

## Concordance of data-name aliases

For each data name in the individual CIF dictionaries listed below that is aliased to data names defined in earlier versions, the canonical name is a **bold** headword and the permitted aliases follow beneath in *italic* type.

December 19, 2025

### Core dictionary (cif\_core)

**atom\_site.ADP\_type**  
*\_atom\_site\_ADP\_type*  
*\_atom\_site\_thermal\_displace\_type*  
*\_atom\_site.thermal\_displace\_type*  
**atom\_site.B\_equiv\_geom\_mean**  
*\_atom\_site\_B\_equiv\_geom\_mean*  
**atom\_site.B\_equiv\_geom\_mean\_su**  
*\_atom\_site\_B\_equiv\_geom\_mean\_su*  
*\_atom\_site.B\_equiv\_geom\_mean\_esd*  
**atom\_site.B\_iso\_or\_equiv**  
*\_atom\_site\_B\_iso\_or\_equiv*  
**atom\_site.B\_iso\_or\_equiv\_su**  
*\_atom\_site\_B\_iso\_or\_equiv\_su*  
*\_atom\_site.B\_iso\_or\_equiv\_esd*  
**atom\_site.Cartn\_x**  
*\_atom\_site\_Cartn\_x*  
**atom\_site.Cartn\_x\_su**  
*\_atom\_site\_Cartn\_x\_su*  
*\_atom\_site.Cartn\_x\_esd*  
**atom\_site.Cartn\_y**  
*\_atom\_site\_Cartn\_y*  
**atom\_site.Cartn\_y\_su**  
*\_atom\_site\_Cartn\_y\_su*  
*\_atom\_site.Cartn\_y\_esd*  
**atom\_site.Cartn\_z**  
*\_atom\_site\_Cartn\_z*  
**atom\_site.Cartn\_z\_su**  
*\_atom\_site\_Cartn\_z\_su*  
*\_atom\_site.Cartn\_z\_esd*  
**atom\_site.U\_equiv\_geom\_mean**  
*\_atom\_site\_U\_equiv\_geom\_mean*  
**atom\_site.U\_equiv\_geom\_mean\_su**  
*\_atom\_site\_U\_equiv\_geom\_mean\_su*  
*\_atom\_site.U\_equiv\_geom\_mean\_esd*  
**atom\_site.U\_iso\_or\_equiv**  
*\_atom\_site\_U\_iso\_or\_equiv*  
**atom\_site.U\_iso\_or\_equiv\_su**  
*\_atom\_site\_U\_iso\_or\_equiv\_su*  
*\_atom\_site.U\_iso\_or\_equiv\_esd*  
**atom\_site.Wyckoff\_symbol**  
*\_atom\_site\_Wyckoff\_symbol*  
**atom\_site.attached\_hydrogens**  
*\_atom\_site\_attached\_hydrogens*  
**atom\_site.calc\_attached\_atom**  
*\_atom\_site\_calc\_attached\_atom*  
**atom\_site.calc\_flag**  
*\_atom\_site\_calc\_flag*  
**atom\_site.chemical\_conn\_number**  
*\_atom\_site\_chemical\_conn\_number*  
**atom\_site.constraints**  
*\_atom\_site\_constraints*  
**atom\_site.description**  
*\_atom\_site\_description*  
*\_atom\_site.details*  
**atom\_site.disorder\_assembly**  
*\_atom\_site\_disorder\_assembly*  
**atom\_site.disorder\_group**  
*\_atom\_site\_disorder\_group*  
**atom\_site.fract\_symmform**  
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**atom\_site.fract\_x\_su**  
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**atom\_site.label\_component\_6**  
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*\_atom\_site\_occupancy\_su*  
*\_atom\_site.occupancy\_esd*  
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**atom\_site.refinement\_flags\_ADP**  
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**atom\_site.refinement\_flags\_occupancy**  
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**atom\_site.refinement\_flags\_posn**  
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**atom\_site.restraints**  
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**atom\_site.site\_symmetry\_multiplicity**  
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*\_atom\_site\_anisotrop.B[2][3]*  
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*\_atom\_site.aniso\_B[2][3]\_esd*  
*\_atom\_site\_anisotrop.B[2][3]\_esd*  
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*\_atom\_site.aniso\_B[3][3]*  
*\_atom\_site\_anisotrop.B[3][3]*  
**atom\_site.aniso.B\_33\_su**  
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*\_atom\_site.aniso\_B[3][3]\_esd*  
*\_atom\_site\_anisotrop.B[3][3]\_esd*  
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*\_atom\_site\_anisotrop.U[1][1]*  
**atom\_site.aniso.U\_11\_su**  
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*\_atom\_site.aniso\_U[1][1]\_esd*  
*\_atom\_site\_anisotrop.U[1][1]\_esd*  
**atom\_site.aniso.U\_12**  
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*\_atom\_site.aniso\_U[1][2]*  
*\_atom\_site\_anisotrop.U[1][2]*  
**atom\_site.aniso.U\_12\_su**  
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*\_atom\_site.aniso\_U[1][2]\_esd*  
*\_atom\_site\_anisotrop.U[1][2]\_esd*  
**atom\_site.aniso.U\_13**  
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*\_atom\_site.aniso\_U[1][3]*  
*\_atom\_site\_anisotrop.U[1][3]*  
**atom\_site.aniso.U\_13\_su**  
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*\_atom\_site.aniso\_U[1][3]\_esd*  
*\_atom\_site\_anisotrop.U[1][3]\_esd*  
**atom\_site.aniso.U\_22**  
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*\_atom\_site.aniso\_U[2][2]*  
*\_atom\_site\_anisotrop.U[2][2]*  
**atom\_site.aniso.U\_22\_su**  
*\_atom\_site\_aniso\_U\_22\_su*  
*\_atom\_site.aniso\_U[2][2]\_esd*  
*\_atom\_site\_anisotrop.U[2][2]\_esd*

## DATA-NAME ALIASES

<u>atom_site_aniso.U_23</u>	<u>atom_sites_Cartn_transform.mat_22</u>	<u>atom_type_scatter.Cromer_Mann_a1</u>
<u>atom_site_aniso.U_23</u>	<u>atom_sites_Cartn_tran_matrix_22</u>	<u>atom_type.scatter.Cromer_Mann_a1</u>
<u>atom_site_aniso.U[2][3]</u>	<u>atom_sites.Cartn_transf_matrix[2][2]</u>	<b>atom_type_scatter.Cromer_Mann_a2</b>
<u>atom_site_anisotrop.U[2][3]</u>	<b>atom_sites_Cartn_transform.mat_23</b>	<u>atom_type_scatter.Cromer_Mann_a2</u>
<b>atom_site_aniso.U_23_su</b>	<u>atom_sites_Cartn_tran_matrix_23</u>	<u>atom_type.scatter.Cromer_Mann_a2</u>
<u>atom_site_aniso.U_23_su</u>	<u>atom_sites.Cartn_transf_matrix[2][3]</u>	<b>atom_type_scatter.Cromer_Mann_a3</b>
<u>atom_site.aniso.U[2][3]_esd</u>	<b>atom_sites_Cartn_transform.mat_31</b>	<u>atom_type_scatter.Cromer_Mann_a3</u>
<u>atom_site_anisotrop.U[2][3]_esd</u>	<u>atom_sites_Cartn_tran_matrix_31</u>	<u>atom_type.scatter.Cromer_Mann_a3</u>
<b>atom_site_aniso.U_33</b>	<u>atom_sites.Cartn_transf_matrix[3][1]</u>	<b>atom_type_scatter.Cromer_Mann_a4</b>
<u>atom_site_aniso.U_33</u>	<b>atom_sites_Cartn_transform.mat_32</b>	<u>atom_type_scatter.Cromer_Mann_a4</u>
<u>atom_site.aniso.U[3][3]</u>	<u>atom_sites_Cartn_tran_matrix_32</u>	<u>atom_type.scatter.Cromer_Mann_a4</u>
<u>atom_site_anisotrop.U[3][3]</u>	<u>atom_sites.Cartn_transf_matrix[3][2]</u>	<b>atom_type_scatter.Cromer_Mann_b1</b>
<b>atom_site_aniso.U_33_su</b>	<b>atom_sites_Cartn_transform.mat_33</b>	<u>atom_type_scatter.Cromer_Mann_b1</u>
<u>atom_site_aniso.U_33_su</u>	<u>atom_sites_Cartn_tran_matrix_33</u>	<b>atom_type_scatter.Cromer_Mann_b2</b>
<u>atom_site.aniso.U[3][3]_esd</u>	<u>atom_sites.Cartn_transf_matrix[3][3]</u>	<u>atom_type_scatter.Cromer_Mann_b2</u>
<u>atom_site_anisotrop.U[3][3]_esd</u>	<b>atom_sites_Cartn_transform.vec_1</b>	<u>atom_type.scatter.Cromer_Mann_b2</u>
<b>atom_site_aniso.beta_11</b>	<u>atom_sites_Cartn_tran_vector_1</u>	<b>atom_type_scatter.Cromer_Mann_b3</b>
<u>atom_site_aniso_beta_11</u>	<u>atom_sites.Cartn_transf_vector[1]</u>	<u>atom_type_scatter.Cromer_Mann_b3</u>
<b>atom_site_aniso.beta_11_su</b>	<b>atom_sites_Cartn_transform.vec_2</b>	<u>atom_type.scatter.Cromer_Mann_b3</u>
<u>atom_site_aniso_beta_11_su</u>	<u>atom_sites_Cartn_tran_vector_2</u>	<b>atom_type_scatter.Cromer_Mann_b4</b>
<b>atom_site_aniso.beta_12</b>	<u>atom_sites.Cartn_transf_vector[2]</u>	<u>atom_type.scatter.Cromer_Mann_b4</u>
<u>atom_site_aniso_beta_12</u>	<b>atom_sites_Cartn_transform.vec_3</b>	<u>atom_type.scatter.Cromer_Mann_b4</u>
<b>atom_site_aniso.beta_12_su</b>	<u>atom_sites_Cartn_tran_vector_3</u>	<b>atom_type_scatter.Cromer_Mann_c</b>
<u>atom_site_aniso_beta_12_su</u>	<u>atom_sites.Cartn_transf_vector[3]</u>	<u>atom_type.scatter.Cromer_Mann_c</u>
<b>atom_site_aniso.beta_13</b>	<b>atom_sites_fract_transform.axes</b>	<u>atom_type.scatter.Cromer_Mann_c</u>
<u>atom_site_aniso_beta_13</u>	<u>atom_sites_fract_transform.axes</u>	<b>atom_type_scatter.dispersion_imag</b>
<b>atom_site_aniso.beta_13_su</b>	<b>atom_sites_fract_transform.axes</b>	<u>atom_type.scatter.dispersion_imag</u>
<u>atom_site_aniso_beta_13_su</u>	<b>atom_sites_fract_transform.mat_11</b>	<b>atom_type_scatter.dispersion_real</b>
<b>atom_site_aniso.beta_22</b>	<u>atom_sites_fract_tran_matrix_11</u>	<u>atom_type.scatter.dispersion_real</u>
<u>atom_site_aniso_beta_22</u>	<u>atom_sites.fract_transf_matrix[1][1]</u>	<b>atom_type_scatter.dispersion_source</b>
<b>atom_site_aniso.beta_22_su</b>	<b>atom_sites_fract_transform.mat_12</b>	<u>atom_type.scatter.dispersion_source</u>
<u>atom_site_aniso_beta_22_su</u>	<u>atom_sites_fract_tran_matrix_12</u>	<b>atom_type_scatter.length_neutron</b>
<b>atom_site_aniso.beta_23</b>	<u>atom_sites.fract_transf_matrix[1][2]</u>	<u>atom_type.scatter.length_neutron</u>
<u>atom_site_aniso_beta_23</u>	<b>atom_sites_fract_transform.mat_13</b>	<b>atom_type_scatter.source</b>
<b>atom_site_aniso.beta_23_su</b>	<u>atom_sites_fract_tran_matrix_13</u>	<u>atom_type.scatter.source</u>
<u>atom_site_aniso_beta_23_su</u>	<u>atom_sites.fract_transf_matrix[1][3]</u>	<u>atom_type.scatter.source</u>
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<u>atom_site_aniso_beta_33</u>	<u>atom_sites_fract_tran_matrix_21</u>	<u>atom_type.scatter.symbol</u>
<b>atom_site_aniso.beta_33_su</b>	<u>atom_sites.fract_transf_matrix[2][1]</u>	<b>atom_type_scatter.versus_stol_list</b>
<u>atom_site_aniso_beta_33_su</u>	<b>atom_sites_fract_transform.mat_22</b>	<u>atom_type.scatter.versus_stol_list</u>
<b>atom_site_aniso.label</b>	<u>atom_sites_fract_tran_matrix_22</u>	<b>audit.block_DOI</b>
<u>atom_site_aniso_label</u>	<u>atom_sites.fract_transf_matrix[2][2]</u>	<u>audit_block_DOI</u>
<u>atom_site_anisotrop.id</u>	<b>atom_sites_fract_transform.mat_23</b>	<b>audit.block_code</b>
<b>atom_site_aniso.matrix_beta</b>	<u>atom_sites_fract_tran_matrix_23</u>	<u>audit_block_code</u>
<u>atom_site.tensor_beta</u>	<u>atom_sites.fract_transf_matrix[2][3]</u>	<u>audit.revision_id</u>
<b>atom_site_aniso.matrix_beta_su</b>	<b>atom_sites_fract_transform.mat_31</b>	<b>audit.creation_date</b>
<u>atom_site.tensor_beta_su</u>	<u>atom_sites_fract_tran_matrix_31</u>	<u>audit_creation_date</u>
<b>atom_site_aniso.ratio</b>	<u>atom_sites.fract_transf_matrix[3][1]</u>	<b>audit.creation_method</b>
<u>atom_site_aniso_ratio</u>	<b>atom_sites_fract_transform.mat_32</b>	<u>audit_creation_method</u>
<u>atom_site_anisotrop.ratio</u>	<u>atom_sites_fract_tran_matrix_32</u>	<b>audit.update_record</b>
<u>atom_site.aniso.ratio</u>	<u>atom_sites.fract_transf_matrix[3][2]</u>	<u>audit_update_record</u>
<b>atom_site_aniso.symmform</b>	<b>atom_sites_fract_transform.mat_33</b>	<b>audit.author.address</b>
<u>atom_site_aniso_symmform</u>	<u>atom_sites_fract_tran_matrix_33</u>	<u>audit_author_address</u>
<b>atom_site_aniso.type_symbol</b>	<u>atom_sites.fract_transf_matrix[3][3]</u>	<b>audit.author.name</b>
<u>atom_site_aniso_type_symbol</u>	<b>atom_sites_fract_transform.vec_1</b>	<u>audit_author_name</u>
<u>atom_site_anisotrop.type_symbol</u>	<u>atom_sites_fract_tran_vector_1</u>	<b>audit_conform.dict_location</b>
<b>atom_sites.solution_hydrogens</b>	<u>atom_sites.fract_transf_vector[1]</u>	<u>audit_conform_dict_location</u>
<u>atom_sites_solution_hydrogens</u>	<b>atom_sites_fract_transform.vec_2</b>	<b>audit_conform.dict_name</b>
<b>atom_sites.solution_primary</b>	<u>atom_sites_fract_tran_vector_2</u>	<u>audit_conform_dict_name</u>
<u>atom_sites_solution_primary</u>	<u>atom_sites.fract_transf_vector[2]</u>	<b>audit_conform.dict_version</b>
<b>atom_sites.solution_secondary</b>	<b>atom_sites_fract_transform.vec_3</b>	<u>audit_conform_dict_version</u>
<u>atom_sites_solution_secondary</u>	<u>atom_sites_fract_tran_vector_3</u>	<b>audit_contact_author.address</b>
<b>atom_sites.special_details</b>	<u>atom_sites.fract_transf_vector[3]</u>	<u>audit_contact_author_email</u>
<u>atom_sites_special_details</u>	<b>atom_type.analytical_mass_percent</b>	<b>audit_contact_author.fax</b>
<b>atom_sites_Cartn_transform.axes</b>	<u>atom_type_analytical_mass_%</u>	<u>audit_contact_author_fax</u>
<u>atom_sites_Cartn_transform.axes</u>	<u>atom_type.analytical_mass_%</u>	<b>audit_contact_author.name</b>
<b>atom_sites_Cartn_transform.mat_11</b>	<b>atom_type.description</b>	<u>audit_contact_author_name</u>
<u>atom_sites_Cartn_tran_matrix_11</u>	<u>atom_type_description</u>	<b>audit_contact_author.phone</b>
<u>atom_sites.Cartn_transf_matrix[1][1]</u>	<b>atom_type.number_in_cell</b>	<u>audit_contact_author_phone</u>
<b>atom_sites_Cartn_transform.mat_12</b>	<u>atom_type_number_in_cell</u>	<b>audit_link.block_code</b>
<u>atom_sites_Cartn_tran_matrix_12</u>	<b>atom_type.oxidation_number</b>	
<u>atom_sites.Cartn_transf_matrix[1][2]</u>	<u>atom_type_oxidation_number</u>	
<b>atom_sites_Cartn_transform.mat_13</b>	<b>atom_type.radius_bond</b>	
<u>atom_sites_Cartn_tran_matrix_13</u>	<u>atom_type_radius_bond</u>	
<u>atom_sites.Cartn_transf_matrix[1][3]</u>	<b>atom_type.radius_contact</b>	
<b>atom_sites_Cartn_transform.mat_21</b>	<u>atom_type_radius_contact</u>	
<u>atom_sites_Cartn_tran_matrix_21</u>	<b>atom_type.symbol</b>	
<u>atom_sites.Cartn_transf_matrix[2][1]</u>	<u>atom_type_symbol</u>	
	<b>atom_type_scatter.Cromer_Mann_a1</b>	

## DATA-NAME ALIASES

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 audit\_link\_block\_description  
 \_audit\_link\_block\_description  
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 \_cell\_angle\_alpha  
 cell.angle\_alpha\_su  
 \_cell\_angle\_alpha\_su  
 \_cell\_angle\_alpha\_esd  
 cell.angle\_beta  
 \_cell\_angle\_beta  
 cell.angle\_beta\_su  
 \_cell\_angle\_beta\_su  
 \_cell\_angle\_beta\_esd  
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 cell.angle\_gamma\_su  
 \_cell\_angle\_gamma\_su  
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 \_cell\_reciprocal\_angle\_alpha\_esd  
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## DATA-NAME ALIASES

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<code>_diffrn_refl_n_angle_psi</code>	<b><code>diffrn_reflns.limit_l_min</code></b>	<code>_diffrn_source.type</code>
<b><code>diffrn_refl_n.angle_theta</code></b>	<code>_diffrn_reflns_limit_l_min</code>	<code>_diffrn_source_type</code>
<code>_diffrn_refl_n_angle_theta</code>	<b><code>diffrn_reflns.number</code></b>	<b><code>diffrn_source.power</code></b>
<b><code>diffrn_refl_n.attenuator_code</code></b>	<code>_diffrn_reflns_number</code>	<code>_diffrn_source_power</code>
<code>_diffrn_refl_n_attenuator_code</code>	<b><code>diffrn_reflns.point_measured_fraction_full</code></b>	<b><code>diffrn_source.size</code></b>
<b><code>diffrn_refl_n.class_code</code></b>	<code>_diffrn_reflns_point_group_measured_fraction_full</code>	<code>_diffrn_source_size</code>
<code>_diffrn_refl_n_class_code</code>	<b><code>diffrn_reflns.point_measured_fraction_max</code></b>	<b><code>diffrn_source.take_off_angle</code></b>
<b><code>diffrn_refl_n.counts_bg_1</code></b>	<code>_diffrn_reflns_point_group_measured_fraction_max</code>	<code>_diffrn_source_take-off_angle</code>
<code>_diffrn_refl_n_counts_bg_1</code>	<b><code>diffrn_reflns.reduction_process</code></b>	<code>_diffrn_source.take-off_angle</code>
<b><code>diffrn_refl_n.counts_bg_2</code></b>	<code>_diffrn_reflns_reduction_process</code>	<b><code>diffrn_source.target</code></b>
<code>_diffrn_refl_n_counts_bg_2</code>	<b><code>diffrn_reflns.resolution_full</code></b>	<code>_diffrn_source_target</code>
<b><code>diffrn_refl_n.counts_net</code></b>	<code>_diffrn_reflns_resolution_full</code>	<b><code>diffrn_source.voltage</code></b>
<code>_diffrn_refl_n_counts_net</code>	<b><code>diffrn_reflns.resolution_max</code></b>	<code>_diffrn_source_voltage</code>
<b><code>diffrn_refl_n.counts_peak</code></b>	<code>_diffrn_reflns_resolution_max</code>	<b><code>diffrn_standard_refl_n.code</code></b>
<code>_diffrn_refl_n_counts_peak</code>	<b><code>diffrn_reflns.theta_full</code></b>	<code>_diffrn_standard_refl_n_code</code>
<b><code>diffrn_refl_n.counts_total</code></b>	<code>_diffrn_reflns_theta_full</code>	<code>_diffrn_standard_refl_n.diffrn_id</code>
<code>_diffrn_refl_n_counts_total</code>	<b><code>diffrn_reflns.theta_max</code></b>	<b><code>diffrn_standard_refl_n.index_h</code></b>
<b><code>diffrn_refl_n.detect_slit_horiz</code></b>	<code>_diffrn_reflns_theta_max</code>	<code>_diffrn_standard_refl_n_index_h</code>
<code>_diffrn_refl_n_detect_slit_horiz</code>	<b><code>diffrn_reflns.theta_min</code></b>	<b><code>diffrn_standard_refl_n.index_k</code></b>
<b><code>diffrn_refl_n.detect_slit_vert</code></b>	<code>_diffrn_reflns_theta_min</code>	<code>_diffrn_standard_refl_n_index_k</code>
<code>_diffrn_refl_n_detect_slit_vert</code>	<b><code>diffrn_reflns.class.av_R_eq</code></b>	<b><code>diffrn_standard_refl_n.index_l</code></b>
<b><code>diffrn_refl_n.elapsed_time</code></b>	<code>_diffrn_reflns_class_av_R_eq</code>	<code>_diffrn_standard_refl_n_index_l</code>
<code>_diffrn_refl_n_elapsed_time</code>	<b><code>diffrn_reflns.class.av_suI_over_I</code></b>	<b><code>diffrn_standards.decay_percent</code></b>
<b><code>diffrn_refl_n.index_h</code></b>	<code>_diffrn_reflns_class_av_uI_over_I</code>	<code>_diffrn_standards_decay_percent</code>
<code>_diffrn_refl_n_index_h</code>	<code>_diffrn_reflns_class_av_u/I</code>	<code>_diffrn_standards_decay_%</code>
<b><code>diffrn_refl_n.index_k</code></b>	<code>_diffrn_reflns_class_av_u/I</code>	<code>_diffrn_standards_decay_percent</code>
<code>_diffrn_refl_n_index_k</code>	<code>_diffrn_reflns_class.av_sg/I</code>	<b><code>diffrn_standards.interval_count</code></b>
<b><code>diffrn_refl_n.index_l</code></b>	<code>_diffrn_reflns_class_av_sg/I</code>	<code>_diffrn_standards_interval_count</code>
<code>_diffrn_refl_n_index_l</code>	<b><code>diffrn_reflns.class.code</code></b>	<b><code>diffrn_standards.interval_time</code></b>
<b><code>diffrn_refl_n.intensity_net</code></b>	<code>_diffrn_reflns_class_code</code>	<code>_diffrn_standards_interval_time</code>
<code>_diffrn_refl_n_intensity_net</code>	<b><code>diffrn_reflns.class.d_res_high</code></b>	<b><code>diffrn_standards.number</code></b>
<b><code>diffrn_refl_n.intensity_net_su</code></b>	<code>_diffrn_reflns_class_d_res_high</code>	<code>_diffrn_standards_number</code>
<code>_diffrn_refl_n_intensity_u</code>	<b><code>diffrn_reflns.class.d_res_low</code></b>	<b><code>diffrn_standards.scale_su_average</code></b>
<code>_diffrn_refl_n_intensity_sigma</code>	<code>_diffrn_reflns_class_d_res_low</code>	<code>_diffrn_standards_scale_sigma</code>
<code>_diffrn_refl_n_intensity_sigma</code>	<b><code>diffrn_reflns.class.description</code></b>	<code>_diffrn_standards.scale_sigma</code>
<code>_diffrn_refl_n_intensity_u</code>	<code>_diffrn_reflns_class_description</code>	<code>_diffrn_standards.scale_u</code>
<b><code>diffrn_refl_n.scale_group_code</code></b>	<b><code>diffrn_reflns.class.number</code></b>	<code>_diffrn_standards_scale_u</code>
<code>_diffrn_refl_n_scale_group_code</code>	<code>_diffrn_reflns_class_number</code>	<b><code>exptl.crystals_number</code></b>
<b><code>diffrn_refl_n.scan_mode</code></b>	<b><code>diffrn_reflns_transf_matrix.11</code></b>	<code>_exptl_crystals_number</code>
<code>_diffrn_refl_n_scan_mode</code>	<code>_diffrn_reflns_transf_matrix_11</code>	<b><code>exptl.special_details</code></b>
<b><code>diffrn_refl_n.scan_mode_backgd</code></b>	<code>_diffrn_reflns.transf_matrix[1][1]</code>	<code>_exptl_special_details</code>
<code>_diffrn_refl_n_scan_mode_backgd</code>	<b><code>diffrn_reflns_transf_matrix.12</code></b>	<code>_exptl.details</code>
<b><code>diffrn_refl_n.scan_rate</code></b>	<code>_diffrn_reflns_transf_matrix_12</code>	<b><code>exptl.transmission_factor_max</code></b>
<code>_diffrn_refl_n_scan_rate</code>	<code>_diffrn_reflns.transf_matrix[1][2]</code>	<code>_exptl_transmission_factor_max</code>
<b><code>diffrn_refl_n.scan_time_backgd</code></b>	<b><code>diffrn_reflns_transf_matrix.13</code></b>	<b><code>exptl.transmission_factor_min</code></b>
<code>_diffrn_refl_n_scan_time_backgd</code>	<code>_diffrn_reflns_transf_matrix_13</code>	<code>_exptl_transmission_factor_min</code>
<b><code>diffrn_refl_n.scan_width</code></b>	<code>_diffrn_reflns.transf_matrix[1][3]</code>	<b><code>exptl_absorpt.coefficient_mu</code></b>
<code>_diffrn_refl_n_scan_width</code>	<b><code>diffrn_reflns_transf_matrix.21</code></b>	<code>_exptl_absorpt_coefficient_mu</code>
<b><code>diffrn_refl_n.sin_theta_over_lambda</code></b>	<code>_diffrn_reflns_transf_matrix_21</code>	<code>_exptl_absorpt_coefficient_mu</code>
<code>_diffrn_refl_n_sint/lambda</code>	<code>_diffrn_reflns.transf_matrix[2][1]</code>	<b><code>exptl_absorpt.correction_T_max</code></b>
<code>_diffrn_refl_n_sint_over_lambda</code>	<b><code>diffrn_reflns_transf_matrix.22</code></b>	<code>_exptl_absorpt_correction_T_max</code>
<code>_diffrn_refl_n_sint_over_lambda</code>	<code>_diffrn_reflns_transf_matrix_22</code>	<b><code>exptl_absorpt.correction_T_min</code></b>
<b><code>diffrn_refl_n.standard_code</code></b>	<code>_diffrn_reflns.transf_matrix[2][2]</code>	<code>_exptl_absorpt_correction_T_min</code>
<code>_diffrn_refl_n_standard_code</code>	<b><code>diffrn_reflns_transf_matrix.23</code></b>	<code>_exptl_absorpt_correction_T_min</code>
<b><code>diffrn_refl_n.wavelength</code></b>	<code>_diffrn_reflns_transf_matrix_23</code>	<b><code>exptl_absorpt.correction_type</code></b>
<code>_diffrn_refl_n_wavelength</code>	<code>_diffrn_reflns.transf_matrix[2][3]</code>	<code>_exptl_absorpt_correction_type</code>
<b><code>diffrn_refl_n.wavelength_id</code></b>	<b><code>diffrn_reflns_transf_matrix.31</code></b>	

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<code>_exptl.absorpt_correction_type</code>	<code>_geom.special_details</code>	<code>_geom_hbond.distance_DA</code>
<code>_exptl.absorpt.process_details</code>	<code>_geom_special_details</code>	<code>_geom_hbond_distance_DA</code>
<code>_exptl.absorpt_process_details</code>	<code>_geom.details</code>	<code>_geom_hbond.dist_DA</code>
<code>_exptl.absorpt_process_details</code>	<code>_geom_angle.atom_site_label_1</code>	<code>_geom_hbond.distance_DA_su</code>
<code>_exptl.absorpt.special_details</code>	<code>_geom_angle_atom_site_label_1</code>	<code>_geom_hbond_distance_DA_su</code>
<code>_exptl.absorpt_special_details</code>	<code>_geom_angle_atom_site_id_1</code>	<code>_geom_hbond.dist_DA_esd</code>
<code>_exptl.crystal.F_000</code>	<code>_geom_angle.atom_site_label_2</code>	<code>_geom_hbond.distance_DH</code>
<code>_exptl_crystal_F_000</code>	<code>_geom_angle_atom_site_label_2</code>	<code>_geom_hbond_distance_DH</code>
<code>_exptl_crystal.colour</code>	<code>_geom_angle_atom_site_id_2</code>	<code>_geom_hbond.dist_DH</code>
<code>_exptl_crystal.colour</code>	<code>_geom_angle.atom_site_label_3</code>	<code>_geom_hbond.distance_DH_su</code>
<code>_exptl_crystal.density_diffn</code>	<code>_geom_angle_atom_site_label_3</code>	<code>_geom_hbond_distance_DH_su</code>
<code>_exptl_crystal.density_diffn</code>	<code>_geom_angle.dist_DH_esd</code>	<code>_geom_hbond.distance_HA</code>
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<code>_exptl_crystal.density_meas_gt</code>	<code>_geom_angle.site_symmetry_1</code>	<code>_geom_hbond.distance_HA_su</code>
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<code>_exptl_crystal.density_meas_lt</code>	<code>_geom_angle.site_symmetry_2</code>	<code>_geom_hbond.dist_HA_esd</code>
<code>_exptl_crystal.density_meas_lt</code>	<code>_geom_angle_site_symmetry_2</code>	<code>_geom_hbond.publ_flag</code>
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<code>_exptl_crystal.density_meas_su</code>	<code>_geom_angle_site_symmetry_3</code>	<code>_geom_hbond.site_symmetry_A</code>
<code>_exptl_crystal.density_meas_esd</code>	<code>_geom_angle.value</code>	<code>_geom_hbond_site_symmetry_A</code>
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<code>_exptl_crystal.density_meas_temp</code>	<code>_geom_angle.value_su</code>	<code>_geom_hbond_site_symmetry_D</code>
<code>_exptl_crystal.density_meas_temp_gt</code>	<code>_geom_angle_su</code>	<code>_geom_hbond.site_symmetry_H</code>
<code>_exptl_crystal.density_meas_temp_gt</code>	<code>_geom_angle.value_esd</code>	<code>_geom_hbond_site_symmetry_H</code>
<code>_exptl_crystal.density_meas_temp_lt</code>	<code>_geom_bond.atom_site_label_1</code>	<code>_geom_torsion.angle</code>
<code>_exptl_crystal.density_meas_temp_lt</code>	<code>_geom_bond_atom_site_label_1</code>	<code>_geom_torsion</code>
<code>_exptl_crystal.density_meas_temp_su</code>	<code>_geom_bond_atom_site_id_1</code>	<code>_geom_torsion.value</code>
<code>_exptl_crystal.density_meas_temp_su</code>	<code>_geom_bond.atom_site_label_2</code>	<code>_geom_torsion.angle_su</code>
<code>_exptl_crystal.density_meas_temp_esd</code>	<code>_geom_bond_atom_site_label_2</code>	<code>_geom_torsion_su</code>
<code>_exptl_crystal.density_method</code>	<code>_geom_bond.atom_site_id_2</code>	<code>_geom_torsion.value_esd</code>
<code>_exptl_crystal.density_method</code>	<code>_geom_bond.distance</code>	<code>_geom_torsion.atom_site_label_1</code>
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<code>_exptl_crystal.id</code>	<code>_geom_bond.distance_su</code>	<code>_geom_torsion.atom_site_label_2</code>
<code>_exptl_crystal.id</code>	<code>_geom_bond_distance_su</code>	<code>_geom_torsion_atom_site_id_2</code>
<code>_exptl_crystal.preparation</code>	<code>_geom_bond.dist_esd</code>	<code>_geom_torsion.atom_site_label_3</code>
<code>_exptl_crystal.preparation</code>	<code>_geom_bond.multiplicity</code>	<code>_geom_torsion_atom_site_id_3</code>
<code>_exptl_crystal.pressure_history</code>	<code>_geom_bond_multiplicity</code>	<code>_geom_torsion.atom_site_label_4</code>
<code>_exptl_crystal.pressure_history</code>	<code>_geom_bond.publ_flag</code>	<code>_geom_torsion_atom_site_id_4</code>
<code>_exptl_crystal.recrystallization_method</code>	<code>_geom_bond_publ_flag</code>	<code>_geom_torsion.publ_flag</code>
<code>_exptl_crystal.recrystallization_method</code>	<code>_geom_bond.site_symmetry_1</code>	<code>_geom_torsion_site_symmetry_1</code>
<code>_exptl_crystal.size_length</code>	<code>_geom_bond_site_symmetry_1</code>	<code>_geom_torsion.site_symmetry_1</code>
<code>_exptl_crystal.size_length</code>	<code>_geom_bond.site_symmetry_2</code>	<code>_geom_torsion.site_symmetry_2</code>
<code>_exptl_crystal.size_max</code>	<code>_geom_bond_site_symmetry_2</code>	<code>_geom_torsion.site_symmetry_3</code>
<code>_exptl_crystal.size_max</code>	<code>_geom_bond.valence</code>	<code>_geom_torsion.site_symmetry_3</code>
<code>_exptl_crystal.size_mid</code>	<code>_geom_bond_valence</code>	<code>_geom_torsion.site_symmetry_4</code>
<code>_exptl_crystal.size_mid</code>	<code>_geom_contact.atom_site_label_1</code>	<code>_geom_torsion.site_symmetry_4</code>
<code>_exptl_crystal.size_min</code>	<code>_geom_contact_atom_site_label_1</code>	<code>_journal.coden_ASTM</code>
<code>_exptl_crystal.size_min</code>	<code>_geom_contact_atom_site_id_1</code>	<code>_journal_coden_ASTM</code>
<code>_exptl_crystal.size_rad</code>	<code>_geom_contact_atom_site_label_2</code>	<code>_journal.coden_Cambridge</code>
<code>_exptl_crystal.size_rad</code>	<code>_geom_contact_atom_site_label_2</code>	<code>_journal_coden_Cambridge</code>
<code>_exptl_crystal.thermal_history</code>	<code>_geom_contact_atom_site_id_2</code>	<code>_journal.issue</code>
<code>_exptl_crystal.thermal_history</code>	<code>_geom_contact.distance</code>	<code>_journal_issue</code>
<code>_exptl_crystal.appearance.general</code>	<code>_geom_contact_distance</code>	<code>_journal.language</code>
<code>_exptl_crystal.appearance.general</code>	<code>_geom_contact.dist</code>	<code>_journal_language</code>
<code>_exptl_crystal.appearance.lustre</code>	<code>_geom_contact.distance_su</code>	<code>_journal.name_full</code>
<code>_exptl_crystal.appearance.lustre</code>	<code>_geom_contact_distance_su</code>	<code>_journal_name_full</code>
<code>_exptl_crystal.appearance.hue</code>	<code>_geom_contact.dist_esd</code>	<code>_journal.page_first</code>
<code>_exptl_crystal.appearance.hue</code>	<code>_geom_contact.publ_flag</code>	<code>_journal_page_first</code>
<code>_exptl_crystal.appearance.intensity</code>	<code>_geom_contact_publ_flag</code>	<code>_journal.page_last</code>
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<code>_exptl_crystal.appearance.intensity</code>	<code>_geom_contact_site_symmetry_1</code>	<code>_journal.paper_DOI</code>
<code>_exptl_crystal.face.diffn_chi</code>	<code>_geom_contact.site_symmetry_2</code>	<code>_journal_paper_DOI</code>
<code>_exptl_crystal.face.diffn_chi</code>	<code>_geom_contact_site_symmetry_2</code>	<code>_journal.paper_category</code>
<code>_exptl_crystal.face.diffn_kappa</code>	<code>_geom_hbond.angle_DHA</code>	<code>_journal.paper_category</code>
<code>_exptl_crystal.face.diffn_kappa</code>	<code>_geom_hbond_angle_DHA</code>	<code>_journal.suppl_publ_number</code>
<code>_exptl_crystal.face.diffn_phi</code>	<code>_geom_hbond.angle_DHA_su</code>	<code>_journal_suppl_publ_number</code>
<code>_exptl_crystal.face.diffn_phi</code>	<code>_geom_hbond_angle_DHA_su</code>	<code>_journal.suppl_publ_pages</code>
<code>_exptl_crystal.face.diffn_psi</code>	<code>_geom_hbond_angle_DHA_esd</code>	<code>_journal_suppl_publ_pages</code>
<code>_exptl_crystal.face.diffn_psi</code>	<code>_geom_hbond.atom_site_label_A</code>	<code>_journal.validation_number</code>
<code>_exptl_crystal.face.index_h</code>	<code>_geom_hbond_atom_site_label_A</code>	<code>_journal_data_validation_number</code>
<code>_exptl_crystal.face.index_h</code>	<code>_geom_hbond_atom_site_id_A</code>	<code>_journal_data_validation_number</code>
<code>_exptl_crystal.face.index_k</code>	<code>_geom_hbond.atom_site_label_D</code>	
<code>_exptl_crystal.face.index_k</code>	<code>_geom_hbond_atom_site_label_D</code>	
<code>_exptl_crystal.face.index_l</code>	<code>_geom_hbond_atom_site_id_D</code>	
<code>_exptl_crystal.face.index_l</code>	<code>_geom_hbond.atom_site_label_H</code>	
<code>_exptl_crystal.face.perp_dist</code>	<code>_geom_hbond_atom_site_label_H</code>	
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## DATA-NAME ALIASES

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## Multi-block dictionary

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*exptl\_crystal\_id*

## Twinning dictionary

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## Powder dictionary

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 \_pd\_proc\_recip\_len\_Q  
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 \_pd\_proc\_info\_author\_phone  
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 \_pd\_proc\_ls\_peak\_cutoff  
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 \_pd\_spec\_size\_thick  
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 \_refln\_F\_complex  
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 \_refln\_F\_squared\_meas  
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 \_refln\_wavelength\_id  
 \_pd\_refl.wavelength\_id  
 \_pd\_refl\_wavelength\_id  
 \_pd\_refl.wavelength\_id  
 \_pd\_refl\_wavelength\_id

## Modulated-structures dictionary

\_atom\_site.U\_modulation\_flag  
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 \_atom\_site\_displace\_modulation\_flag  
 \_atom\_site.occ\_modulation\_flag  
 \_atom\_site\_occ\_modulation\_flag  
 \_atom\_site.subsystem\_code  
 \_atom\_site\_subsystem\_code  
 \_atom\_site\_Fourier\_wave\_vector.description  
 \_atom\_site\_Fourier\_wave\_vector\_description  
 \_atom\_site\_Fourier\_wave\_vector.seq\_id  
 \_atom\_site\_Fourier\_wave\_vector\_seq\_id  
 \_atom\_site\_Fourier\_wave\_vector.x  
 \_atom\_site\_Fourier\_wave\_vector\_x  
 \_atom\_site\_Fourier\_wave\_vector.y  
 \_atom\_site\_Fourier\_wave\_vector\_y  
 \_atom\_site\_Fourier\_wave\_vector.z  
 \_atom\_site\_Fourier\_wave\_vector\_z  
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 \_atom\_site\_U\_Fourier\_id  
 \_atom\_site\_U\_Fourier.tens\_elem  
 \_atom\_site\_U\_Fourier\_tens\_elem  
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 \_atom\_site\_displace\_Fourier\_id  
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 \_atom\_site\_displace\_special\_func.sawtooth\_w  
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 \_atom\_site\_occ\_special\_func.crenel\_w  
 \_atom\_site\_occ\_special\_func\_crenel\_w







## Macromolecular dictionary

The mmCIF dictionary is a superset of the original core CIF dictionary but with a full point separating the category and object parts of data names. Only listed below are data names from mmCIF that have aliases that are not in core CIF.

\_diffn.crystal\_id

\_diffn.refln\_crystal\_id

## Magnetic dictionary

\_atom\_site\_Fourier\_wave\_vector.q1\_coeff  
\_atom\_site\_Fourier\_wave\_vector.q1\_coeff  
\_atom\_site\_Fourier\_wave\_vector.q2\_coeff  
\_atom\_site\_Fourier\_wave\_vector.q2\_coeff  
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The next listing shows the mapping from legacy aliases (in *italic* text) to canonical data names (in **bold**). Mappings are to the dictionary or dictionaries indicated by an appended code; these are ‘core’ for the core dictionary, ‘multi’ for the multi-block dictionary, ‘restr’ for restraints, ‘twin’ for the twinning dictionary, ‘pd’ for powder diffraction, ‘ms’ for modulated structures, ‘rho’ for electron density, ‘mag’ for magnetic structures, ‘topo’ for topology, ‘mm’ for the macromolecular dictionary (mmCIF), and ‘img’ for the image dictionary (imgCIF).

```

_atom_local_axes_atom0 → _atom_local_axes.atom0 (rho)
_atom_local_axes_atom1 → _atom_local_axes.atom1 (rho)
_atom_local_axes_atom2 → _atom_local_axes.atom2 (rho)
_atom_local_axes_atom_label → _atom_local_axes.atom_label (rho)
_atom_local_axes_ax1 → _atom_local_axes.ax1 (rho)
_atom_local_axes_ax2 → _atom_local_axes.ax2 (rho)
_atom_rho_multipole_atom_label → _atom_rho_multipole.atom_label (rho)
_atom_rho_multipole_coeff_P00 → _atom_rho_multipole.coeff.P00 (rho)
_atom_rho_multipole_coeff_P1-1 → _atom_rho_multipole.coeff.P1_1 (rho)
_atom_rho_multipole_coeff_P10 → _atom_rho_multipole.coeff.P10 (rho)
_atom_rho_multipole_coeff_P11 → _atom_rho_multipole.coeff.P11 (rho)
_atom_rho_multipole_coeff_P1_1 → _atom_rho_multipole.coeff.P1_1
(rho)
_atom_rho_multipole_coeff_P2-1 → _atom_rho_multipole.coeff.P2_1 (rho)
_atom_rho_multipole_coeff_P2-2 → _atom_rho_multipole.coeff.P2_2 (rho)
_atom_rho_multipole_coeff_P20 → _atom_rho_multipole.coeff.P20 (rho)
_atom_rho_multipole_coeff_P21 → _atom_rho_multipole.coeff.P21 (rho)
_atom_rho_multipole_coeff_P22 → _atom_rho_multipole.coeff.P22 (rho)
_atom_rho_multipole_coeff_P2_1 → _atom_rho_multipole.coeff.P2_1
(rho)
_atom_rho_multipole_coeff_P2_2 → _atom_rho_multipole.coeff.P2_2
(rho)
_atom_rho_multipole_coeff_P3-1 → _atom_rho_multipole.coeff.P3_1 (rho)
_atom_rho_multipole_coeff_P3-2 → _atom_rho_multipole.coeff.P3_2 (rho)
_atom_rho_multipole_coeff_P3-3 → _atom_rho_multipole.coeff.P3_3 (rho)
_atom_rho_multipole_coeff_P30 → _atom_rho_multipole.coeff.P30 (rho)
_atom_rho_multipole_coeff_P31 → _atom_rho_multipole.coeff.P31 (rho)
_atom_rho_multipole_coeff_P32 → _atom_rho_multipole.coeff.P32 (rho)
_atom_rho_multipole_coeff_P33 → _atom_rho_multipole.coeff.P33 (rho)
_atom_rho_multipole_coeff_P3_1 → _atom_rho_multipole.coeff.P3_1
(rho)
_atom_rho_multipole_coeff_P3_2 → _atom_rho_multipole.coeff.P3_2
(rho)
_atom_rho_multipole_coeff_P3_3 → _atom_rho_multipole.coeff.P3_3
(rho)
_atom_rho_multipole_coeff_P4-1 → _atom_rho_multipole.coeff.P4_1 (rho)
_atom_rho_multipole_coeff_P4-2 → _atom_rho_multipole.coeff.P4_2 (rho)
_atom_rho_multipole_coeff_P4-3 → _atom_rho_multipole.coeff.P4_3 (rho)
_atom_rho_multipole_coeff_P4-4 → _atom_rho_multipole.coeff.P4_4 (rho)
_atom_rho_multipole_coeff_P40 → _atom_rho_multipole.coeff.P40 (rho)
_atom_rho_multipole_coeff_P41 → _atom_rho_multipole.coeff.P41 (rho)
_atom_rho_multipole_coeff_P42 → _atom_rho_multipole.coeff.P42 (rho)
_atom_rho_multipole_coeff_P43 → _atom_rho_multipole.coeff.P43 (rho)
_atom_rho_multipole_coeff_P44 → _atom_rho_multipole.coeff.P44 (rho)
_atom_rho_multipole_coeff_P4_1 → _atom_rho_multipole.coeff.P4_1
(rho)
_atom_rho_multipole_coeff_P4_2 → _atom_rho_multipole.coeff.P4_2
(rho)
_atom_rho_multipole_coeff_P4_3 → _atom_rho_multipole.coeff.P4_3
(rho)
_atom_rho_multipole_coeff_P4_4 → _atom_rho_multipole.coeff.P4_4
(rho)
_atom_rho_multipole_coeff_Pc → _atom_rho_multipole.coeff.Pc (rho)
_atom_rho_multipole_coeff_Pv → _atom_rho_multipole.coeff.Pv (rho)
_atom_rho_multipole_coeff_list → _atom_rho_multipole.coeff.list (rho)
_atom_rho_multipole_configuration → _atom_rho_multipole.configuration
(rho)
_atom_rho_multipole_core_source → _atom_rho_multipole.core_source
(rho)
_atom_rho_multipole_kappa → _atom_rho_multipole.kappa.base (rho)
_atom_rho_multipole_kappa_list → _atom_rho_multipole.kappa.list (rho)
_atom_rho_multipole_kappa_prime0 →
_atom_rho_multipole.kappa.prime0 (rho)
_atom_rho_multipole_kappa_prime1 →
_atom_rho_multipole.kappa.prime1 (rho)
_atom_rho_multipole_kappa_prime2 →
_atom_rho_multipole.kappa.prime2 (rho)
_atom_rho_multipole_kappa_prime3 →
_atom_rho_multipole.kappa.prime3 (rho)
_atom_rho_multipole_kappa_prime4 →
_atom_rho_multipole.kappa.prime4 (rho)

_atom_rho_multipole_radial_function_type →
_atom_rho_multipole.radial_function_type (rho)
_atom_rho_multipole_radial_slater_n0 →
_atom_rho_multipole.radial_slater.n0 (rho)
_atom_rho_multipole_radial_slater_n1 →
_atom_rho_multipole.radial_slater.n1 (rho)
_atom_rho_multipole_radial_slater_n2 →
_atom_rho_multipole.radial_slater.n2 (rho)
_atom_rho_multipole_radial_slater_n3 →
_atom_rho_multipole.radial_slater.n3 (rho)
_atom_rho_multipole_radial_slater_n_list →
_atom_rho_multipole.radial_slater.n_list (rho)
_atom_rho_multipole_radial_slater_zeta0 →
_atom_rho_multipole.radial_slater.zeta0 (rho)
_atom_rho_multipole_radial_slater_zeta1 →
_atom_rho_multipole.radial_slater.zeta1 (rho)
_atom_rho_multipole_radial_slater_zeta2 →
_atom_rho_multipole.radial_slater.zeta2 (rho)
_atom_rho_multipole_radial_slater_zeta3 →
_atom_rho_multipole.radial_slater.zeta3 (rho)
_atom_rho_multipole_radial_slater_zeta_list →
_atom_rho_multipole.radial_slater.zeta_list (rho)
_atom_rho_multipole_scat_core → _atom_rho_multipole.scat_core (rho)
_atom_rho_multipole_scat_core_table →
_atom_rho_multipole.scat_core_table (rho)
_atom_rho_multipole_scat_valence → _atom_rho_multipole.scat_valence
(rho)
_atom_rho_multipole_scat_valence_table →
_atom_rho_multipole.scat_valence_table (rho)
_atom_rho_multipole_valence_source →
_atom_rho_multipole.valence_source (rho)
_atom_site.B_equiv_geom_mean_esd →
_atom_site.B_equiv_geom_mean_su (core)
_atom_site.B_iso_or_equiv_esd → _atom_site.B_iso_or_equiv_su (core)
_atom_site.Cartn_x_esd → _atom_site.Cartn_x_su (core)
_atom_site.Cartn_y_esd → _atom_site.Cartn_y_su (core)
_atom_site.Cartn_z_esd → _atom_site.Cartn_z_su (core)
_atom_site.U_equiv_geom_mean_esd →
_atom_site.U_equiv_geom_mean_su (core)
_atom_site.U_iso_or_equiv_esd → _atom_site.U_iso_or_equiv_su (core)
_atom_site.aniso_B[1][1] → _atom_site.aniso.B_11 (core)
_atom_site.aniso_B[1][1]_esd → _atom_site.aniso.B_11_su (core)
_atom_site.aniso_B[1][2] → _atom_site.aniso.B_12 (core)
_atom_site.aniso_B[1][2]_esd → _atom_site.aniso.B_12_su (core)
_atom_site.aniso_B[1][3] → _atom_site.aniso.B_13 (core)
_atom_site.aniso_B[1][3]_esd → _atom_site.aniso.B_13_su (core)
_atom_site.aniso_B[2][2] → _atom_site.aniso.B_22 (core)
_atom_site.aniso_B[2][2]_esd → _atom_site.aniso.B_22_su (core)
_atom_site.aniso_B[2][3] → _atom_site.aniso.B_23 (core)
_atom_site.aniso_B[2][3]_esd → _atom_site.aniso.B_23_su (core)
_atom_site.aniso_B[3][3] → _atom_site.aniso.B_33 (core)
_atom_site.aniso_B[3][3]_esd → _atom_site.aniso.B_33_su (core)
_atom_site.aniso_U[1][1] → _atom_site.aniso.U_11 (core)
_atom_site.aniso_U[1][1]_esd → _atom_site.aniso.U_11_su (core)
_atom_site.aniso_U[1][2] → _atom_site.aniso.U_12 (core)
_atom_site.aniso_U[1][2]_esd → _atom_site.aniso.U_12_su (core)
_atom_site.aniso_U[1][3] → _atom_site.aniso.U_13 (core)
_atom_site.aniso_U[1][3]_esd → _atom_site.aniso.U_13_su (core)
_atom_site.aniso_U[2][2] → _atom_site.aniso.U_22 (core)
_atom_site.aniso_U[2][2]_esd → _atom_site.aniso.U_22_su (core)
_atom_site.aniso_U[2][3] → _atom_site.aniso.U_23 (core)
_atom_site.aniso_U[2][3]_esd → _atom_site.aniso.U_23_su (core)
_atom_site.aniso_U[3][3] → _atom_site.aniso.U_33 (core)
_atom_site.aniso_U[3][3]_esd → _atom_site.aniso.U_33_su (core)
_atom_site.aniso_ratio → _atom_site.aniso.ratio (core)
_atom_site.details → _atom_site.description (core)
_atom_site.fract_x_esd → _atom_site.fract_x_su (core)
_atom_site.fract_y_esd → _atom_site.fract_y_su (core)
_atom_site.fract_z_esd → _atom_site.fract_z_su (core)
_atom_site.id → _atom_site.label (core)
_atom_site.occupancy_esd → _atom_site.occupancy_su (core)

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## DATA-NAME ALIASES

atom\_site.symmetry\_multiplicity → atom\_site.site\_symmetry\_multiplicity (core)  
atom\_site.tensor\_beta → atom\_site\_aniso.matrix\_beta (core)  
atom\_site.tensor\_beta\_su → atom\_site\_aniso.matrix\_beta\_su (core)  
atom\_site.thermal\_displace\_type → atom\_site.ADP\_type (core)  
atom\_site.ADP\_type → atom\_site.ADP\_type (core)  
atom\_site\_B\_equiv\_geom\_mean → atom\_site.B\_equiv\_geom\_mean (core, mm)  
atom\_site\_B\_equiv\_geom\_mean\_su → atom\_site.B\_equiv\_geom\_mean\_su (core)  
atom\_site\_B\_iso\_or\_equiv → atom\_site.B\_iso\_or\_equiv (core, mm)  
atom\_site\_B\_iso\_or\_equiv\_su → atom\_site.B\_iso\_or\_equiv\_su (core)  
atom\_site\_Cartn\_x → atom\_site.Cartn\_x (core, mm)  
atom\_site\_Cartn\_x\_su → atom\_site.Cartn\_x\_su (core)  
atom\_site\_Cartn\_y → atom\_site.Cartn\_y (core, mm)  
atom\_site\_Cartn\_y\_su → atom\_site.Cartn\_y\_su (core)  
atom\_site\_Cartn\_z → atom\_site.Cartn\_z (core, mm)  
atom\_site\_Cartn\_z\_su → atom\_site.Cartn\_z\_su (core)  
atom\_site\_Fourier\_wave\_vector\_description → atom\_site.Fourier\_wave\_vector.description (ms)  
atom\_site\_Fourier\_wave\_vector\_q1\_coeff → atom\_site.Fourier\_wave\_vector.q1\_coeff (mag)  
atom\_site\_Fourier\_wave\_vector\_q2\_coeff → atom\_site.Fourier\_wave\_vector.q2\_coeff (mag)  
atom\_site\_Fourier\_wave\_vector\_q3\_coeff → atom\_site.Fourier\_wave\_vector.q3\_coeff (mag)  
atom\_site\_Fourier\_wave\_vector\_q\_coeff → atom\_site.Fourier\_wave\_vector.q\_coeff (mag)  
atom\_site\_Fourier\_wave\_vector\_seq\_id → atom\_site.Fourier\_wave\_vector.seq\_id (ms)  
atom\_site\_Fourier\_wave\_vector\_x → atom\_site.Fourier\_wave\_vector.x (ms)  
atom\_site\_Fourier\_wave\_vector\_y → atom\_site.Fourier\_wave\_vector.y (ms)  
atom\_site\_Fourier\_wave\_vector\_z → atom\_site.Fourier\_wave\_vector.z (ms)  
atom\_site\_U\_Fourier\_atom\_site\_label → atom\_site\_U\_Fourier.atom\_site\_label (ms)  
atom\_site\_U\_Fourier\_id → atom\_site\_U\_Fourier.id (ms)  
atom\_site\_U\_Fourier\_param\_cos → atom\_site\_U\_Fourier\_param.cos (ms)  
atom\_site\_U\_Fourier\_param\_id → atom\_site\_U\_Fourier\_param.id (ms)  
atom\_site\_U\_Fourier\_param\_modulus → atom\_site\_U\_Fourier\_param.modulus (ms)  
atom\_site\_U\_Fourier\_param\_phase → atom\_site\_U\_Fourier\_param.phase (ms)  
atom\_site\_U\_Fourier\_param\_sin → atom\_site\_U\_Fourier\_param.sin (ms)  
atom\_site\_U\_Fourier\_tens\_elem → atom\_site\_U\_Fourier.tens\_elem (ms)  
atom\_site\_U\_Fourier\_wave\_vector\_seq\_id → atom\_site\_U\_Fourier.wave\_vector\_seq\_id (ms)  
atom\_site\_U\_equiv\_geom\_mean → atom\_site.U\_equiv\_geom\_mean (core, mm)  
atom\_site\_U\_equiv\_geom\_mean\_su → atom\_site.U\_equiv\_geom\_mean\_su (core)  
atom\_site\_U\_iso\_or\_equiv → atom\_site.U\_iso\_or\_equiv (core, mm)  
atom\_site\_U\_iso\_or\_equiv\_su → atom\_site.U\_iso\_or\_equiv\_su (core)  
atom\_site\_U\_modulation\_flag → atom\_site.U\_modulation\_flag (ms)  
atom\_site\_Wyckoff\_symbol → atom\_site.Wyckoff\_symbol (core, mm)  
atom\_site\_aniso\_B\_11 → atom\_site\_aniso.B\_11 (core)  
atom\_site\_aniso\_B\_11 → atom\_site\_anisotrop.B[1][1] (mm)  
atom\_site\_aniso\_B\_11\_su → atom\_site\_aniso.B\_11\_su (core)  
atom\_site\_aniso\_B\_12 → atom\_site\_aniso.B\_12 (core)  
atom\_site\_aniso\_B\_12 → atom\_site\_anisotrop.B[1][2] (mm)  
atom\_site\_aniso\_B\_12\_su → atom\_site\_aniso.B\_12\_su (core)  
atom\_site\_aniso\_B\_13 → atom\_site\_aniso.B\_13 (core)  
atom\_site\_aniso\_B\_13 → atom\_site\_anisotrop.B[1][3] (mm)  
atom\_site\_aniso\_B\_13\_su → atom\_site\_aniso.B\_13\_su (core)  
atom\_site\_aniso\_B\_22 → atom\_site\_aniso.B\_22 (core)  
atom\_site\_aniso\_B\_22 → atom\_site\_anisotrop.B[2][2] (mm)  
atom\_site\_aniso\_B\_22\_su → atom\_site\_aniso.B\_22\_su (core)  
atom\_site\_aniso\_B\_23 → atom\_site\_aniso.B\_23 (core)  
atom\_site\_aniso\_B\_23 → atom\_site\_anisotrop.B[2][3] (mm)  
atom\_site\_aniso\_B\_23\_su → atom\_site\_aniso.B\_23\_su (core)  
atom\_site\_aniso\_B\_33 → atom\_site\_aniso.B\_33 (core)  
atom\_site\_aniso\_B\_33 → atom\_site\_anisotrop.B[3][3] (mm)  
atom\_site\_aniso\_B\_33\_su → atom\_site\_aniso.B\_33\_su (core)  
atom\_site\_aniso\_U\_11 → atom\_site\_aniso.U\_11 (core)  
atom\_site\_aniso\_U\_11 → atom\_site\_anisotrop.U[1][1] (mm)  
atom\_site\_aniso\_U\_11\_su → atom\_site\_aniso.U\_11\_su (core)  
atom\_site\_aniso\_U\_12 → atom\_site\_aniso.U\_12 (core)  
atom\_site\_aniso\_U\_12 → atom\_site\_anisotrop.U[1][2] (mm)  
atom\_site\_aniso\_U\_12\_su → atom\_site\_aniso.U\_12\_su (core)  
atom\_site\_aniso\_U\_13 → atom\_site\_aniso.U\_13 (core)  
atom\_site\_aniso\_U\_13 → atom\_site\_anisotrop.U[1][3] (mm)  
atom\_site\_aniso\_U\_13\_su → atom\_site\_aniso.U\_13\_su (core)  
atom\_site\_aniso\_U\_22 → atom\_site\_aniso.U\_22 (core)  
atom\_site\_aniso\_U\_22 → atom\_site\_anisotrop.U[2][2] (mm)  
atom\_site\_aniso\_U\_22\_su → atom\_site\_aniso.U\_22\_su (core)  
atom\_site\_aniso\_U\_23 → atom\_site\_aniso.U\_23 (core)  
atom\_site\_aniso\_U\_23 → atom\_site\_anisotrop.U[2][3] (mm)  
atom\_site\_aniso\_U\_23\_su → atom\_site\_aniso.U\_23\_su (core)  
atom\_site\_aniso\_U\_33 → atom\_site\_aniso.U\_33 (core)  
atom\_site\_aniso\_U\_33 → atom\_site\_anisotrop.U[3][3] (mm)  
atom\_site\_aniso\_U\_33\_su → atom\_site\_aniso.U\_33\_su (core)  
atom\_site\_aniso\_beta\_11 → atom\_site\_aniso.beta\_11 (core)  
atom\_site\_aniso\_beta\_11\_su → atom\_site\_aniso.beta\_11\_su (core)  
atom\_site\_aniso\_beta\_12 → atom\_site\_aniso.beta\_12 (core)  
atom\_site\_aniso\_beta\_12\_su → atom\_site\_aniso.beta\_12\_su (core)  
atom\_site\_aniso\_beta\_13 → atom\_site\_aniso.beta\_13 (core)  
atom\_site\_aniso\_beta\_13\_su → atom\_site\_aniso.beta\_13\_su (core)  
atom\_site\_aniso\_beta\_22 → atom\_site\_aniso.beta\_22 (core)  
atom\_site\_aniso\_beta\_22\_su → atom\_site\_aniso.beta\_22\_su (core)  
atom\_site\_aniso\_beta\_23 → atom\_site\_aniso.beta\_23 (core)  
atom\_site\_aniso\_beta\_23\_su → atom\_site\_aniso.beta\_23\_su (core)  
atom\_site\_aniso\_beta\_33 → atom\_site\_aniso.beta\_33 (core)  
atom\_site\_aniso\_beta\_33\_su → atom\_site\_aniso.beta\_33\_su (core)  
atom\_site\_aniso\_label → atom\_site\_aniso.label (core)  
atom\_site\_aniso\_label → atom\_site\_anisotrop.id (mm)  
atom\_site\_aniso\_ratio → atom\_site\_aniso.ratio (core)  
atom\_site\_aniso\_ratio → atom\_site\_anisotrop.ratio (mm)  
atom\_site\_aniso\_symmform → atom\_site\_aniso.symmform (core)  
atom\_site\_aniso\_type\_symbol → atom\_site\_aniso.type\_symbol (core)  
atom\_site\_aniso\_type\_symbol → atom\_site\_anisotrop.type\_symbol (mm)  
atom\_site\_anisotrop.B[1][1] → atom\_site\_aniso.B\_11 (core)  
atom\_site\_anisotrop.B[1][1]\_esd → atom\_site\_aniso.B\_11\_su (core)  
atom\_site\_anisotrop.B[1][2] → atom\_site\_aniso.B\_12 (core)  
atom\_site\_anisotrop.B[1][2]\_esd → atom\_site\_aniso.B\_12\_su (core)  
atom\_site\_anisotrop.B[1][3] → atom\_site\_aniso.B\_13 (core)  
atom\_site\_anisotrop.B[1][3]\_esd → atom\_site\_aniso.B\_13\_su (core)  
atom\_site\_anisotrop.B[2][2] → atom\_site\_aniso.B\_22 (core)  
atom\_site\_anisotrop.B[2][2]\_esd → atom\_site\_aniso.B\_22\_su (core)  
atom\_site\_anisotrop.B[2][3] → atom\_site\_aniso.B\_23 (core)  
atom\_site\_anisotrop.B[2][3]\_esd → atom\_site\_aniso.B\_23\_su (core)  
atom\_site\_anisotrop.B[3][3] → atom\_site\_aniso.B\_33 (core)  
atom\_site\_anisotrop.B[3][3]\_esd → atom\_site\_aniso.B\_33\_su (core)  
atom\_site\_anisotrop.U[1][1] → atom\_site\_aniso.U\_11 (core)  
atom\_site\_anisotrop.U[1][1]\_esd → atom\_site\_aniso.U\_11\_su (core)  
atom\_site\_anisotrop.U[1][2] → atom\_site\_aniso.U\_12 (core)  
atom\_site\_anisotrop.U[1][2]\_esd → atom\_site\_aniso.U\_12\_su (core)  
atom\_site\_anisotrop.U[1][3] → atom\_site\_aniso.U\_13 (core)  
atom\_site\_anisotrop.U[1][3]\_esd → atom\_site\_aniso.U\_13\_su (core)  
atom\_site\_anisotrop.U[2][2] → atom\_site\_aniso.U\_22 (core)  
atom\_site\_anisotrop.U[2][2]\_esd → atom\_site\_aniso.U\_22\_su (core)  
atom\_site\_anisotrop.U[2][3] → atom\_site\_aniso.U\_23 (core)  
atom\_site\_anisotrop.U[2][3]\_esd → atom\_site\_aniso.U\_23\_su (core)  
atom\_site\_anisotrop.U[3][3] → atom\_site\_aniso.U\_33 (core)  
atom\_site\_anisotrop.U[3][3]\_esd → atom\_site\_aniso.U\_33\_su (core)  
atom\_site\_anisotrop.id → atom\_site\_aniso.label (core)  
atom\_site\_anisotrop.ratio → atom\_site\_aniso.ratio (core)  
atom\_site\_anisotrop.type\_symbol → atom\_site\_aniso.type\_symbol (core)  
atom\_site\_attached\_hydrogens → atom\_site.attached\_hydrogens (core, mm)  
atom\_site\_calc\_attached\_atom → atom\_site.calc\_attached\_atom (core, mm)  
atom\_site\_calc\_flag → atom\_site.calc\_flag (core, mm)  
atom\_site\_chemical\_conn\_number → atom\_site.chemical\_conn\_number (core, mm)  
atom\_site\_constraints → atom\_site.constraints (core, mm)  
atom\_site\_description → atom\_site.description (core)  
atom\_site\_description → atom\_site.details (mm)  
atom\_site\_disorder\_assembly → atom\_site.disorder\_assembly (core, mm)  
atom\_site\_disorder\_group → atom\_site.disorder\_group (core, mm)  
atom\_site\_displace\_Fourier\_atom\_site\_label → atom\_site\_displace\_Fourier.atom\_site\_label (ms)  
atom\_site\_displace\_Fourier\_axis → atom\_site\_displace\_Fourier.axis (ms)  
atom\_site\_displace\_Fourier\_id → atom\_site\_displace\_Fourier.id (ms)

## DATA-NAME ALIASES

\_atom\_site\_displace\_Fourier\_param\_cos →  
   \_atom\_site\_displace\_Fourier\_param.cos (ms)  
 \_atom\_site\_displace\_Fourier\_param\_id →  
   \_atom\_site\_displace\_Fourier\_param.id (ms)  
 \_atom\_site\_displace\_Fourier\_param\_modulus →  
   \_atom\_site\_displace\_Fourier\_param.modulus (ms)  
 \_atom\_site\_displace\_Fourier\_param\_phase →  
   \_atom\_site\_displace\_Fourier\_param.phase (ms)  
 \_atom\_site\_displace\_Fourier\_param\_sin →  
   \_atom\_site\_displace\_Fourier\_param.sin (ms)  
 \_atom\_site\_displace\_Fourier\_wave\_vector\_seq\_id →  
   \_atom\_site\_displace\_Fourier.wave\_vector\_seq\_id (ms)  
 \_atom\_site\_displace\_modulation\_flag →  
   \_atom\_site.displace\_modulation\_flag (ms)  
 \_atom\_site\_displace\_special\_func\_atom\_site\_label →  
   \_atom\_site\_displace\_special\_func.atom\_site\_label (ms)  
 \_atom\_site\_displace\_special\_func\_sawtooth\_ax →  
   \_atom\_site\_displace\_special\_func.sawtooth\_ax (ms)  
 \_atom\_site\_displace\_special\_func\_sawtooth\_ay →  
   \_atom\_site\_displace\_special\_func.sawtooth\_ay (ms)  
 \_atom\_site\_displace\_special\_func\_sawtooth\_az →  
   \_atom\_site\_displace\_special\_func.sawtooth\_az (ms)  
 \_atom\_site\_displace\_special\_func\_sawtooth\_c →  
   \_atom\_site\_displace\_special\_func.sawtooth\_c (ms)  
 \_atom\_site\_displace\_special\_func\_sawtooth\_w →  
   \_atom\_site\_displace\_special\_func.sawtooth\_w (ms)  
 \_atom\_site\_fract\_symmform → \_atom\_site.fract\_symmform (core)  
 \_atom\_site\_fract\_x → \_atom\_site.fract\_x (core, mm)  
 \_atom\_site\_fract\_x\_su → \_atom\_site.fract\_x\_su (core)  
 \_atom\_site\_fract\_y → \_atom\_site.fract\_y (core, mm)  
 \_atom\_site\_fract\_y\_su → \_atom\_site.fract\_y\_su (core)  
 \_atom\_site\_fract\_z → \_atom\_site.fract\_z (core, mm)  
 \_atom\_site\_fract\_z\_su → \_atom\_site.fract\_z\_su (core)  
 \_atom\_site\_label → \_atom\_site.id (mm)  
 \_atom\_site\_label → \_atom\_site.label (core)  
 \_atom\_site\_label\_component\_0 → \_atom\_site.label\_component\_0 (core)  
 \_atom\_site\_label\_component\_1 → \_atom\_site.label\_component\_1 (core)  
 \_atom\_site\_label\_component\_2 → \_atom\_site.label\_component\_2 (core)  
 \_atom\_site\_label\_component\_3 → \_atom\_site.label\_component\_3 (core)  
 \_atom\_site\_label\_component\_4 → \_atom\_site.label\_component\_4 (core)  
 \_atom\_site\_label\_component\_5 → \_atom\_site.label\_component\_5 (core)  
 \_atom\_site\_label\_component\_6 → \_atom\_site.label\_component\_6 (core)  
 \_atom\_site\_moment\_Cartn → \_atom\_site\_moment.Cartn (mag)  
 \_atom\_site\_moment\_Cartn\_su → \_atom\_site\_moment.Cartn\_su (mag)  
 \_atom\_site\_moment\_Cartn\_x → \_atom\_site\_moment.Cartn\_x (mag)  
 \_atom\_site\_moment\_Cartn\_x\_su → \_atom\_site\_moment.Cartn\_x\_su (mag)  
 \_atom\_site\_moment\_Cartn\_y → \_atom\_site\_moment.Cartn\_y (mag)  
 \_atom\_site\_moment\_Cartn\_y\_su → \_atom\_site\_moment.Cartn\_y\_su (mag)  
 \_atom\_site\_moment\_Cartn\_z → \_atom\_site\_moment.Cartn\_z (mag)  
 \_atom\_site\_moment\_Cartn\_z\_su → \_atom\_site\_moment.Cartn\_z\_su (mag)  
 \_atom\_site\_moment\_Fourier\_param\_cos →  
   \_atom\_site\_moment\_Fourier\_param.cos (mag)  
 \_atom\_site\_moment\_Fourier\_param\_cos\_su →  
   \_atom\_site\_moment\_Fourier\_param.cos\_su (mag)  
 \_atom\_site\_moment\_Fourier\_param\_cos\_symmform →  
   \_atom\_site\_moment\_Fourier\_param.cos\_symmform (mag)  
 \_atom\_site\_moment\_Fourier\_param\_id →  
   \_atom\_site\_moment\_Fourier\_param.id (mag)  
 \_atom\_site\_moment\_Fourier\_param\_modulus →  
   \_atom\_site\_moment\_Fourier\_param.modulus (mag)  
 \_atom\_site\_moment\_Fourier\_param\_modulus\_su →  
   \_atom\_site\_moment\_Fourier\_param.modulus\_su (mag)  
 \_atom\_site\_moment\_Fourier\_param\_modulus\_symmform →  
   \_atom\_site\_moment\_Fourier\_param.modulus\_symmform (mag)  
 \_atom\_site\_moment\_Fourier\_param\_phase →  
   \_atom\_site\_moment\_Fourier\_param.phase (mag)  
 \_atom\_site\_moment\_Fourier\_param\_phase\_su →  
   \_atom\_site\_moment\_Fourier\_param.phase\_su (mag)  
 \_atom\_site\_moment\_Fourier\_param\_phase\_symmform →  
   \_atom\_site\_moment\_Fourier\_param.phase\_symmform (mag)  
 \_atom\_site\_moment\_Fourier\_param\_sin →  
   \_atom\_site\_moment\_Fourier\_param.sin (mag)  
 \_atom\_site\_moment\_Fourier\_param\_sin\_su →  
   \_atom\_site\_moment\_Fourier\_param.sin\_su (mag)  
 \_atom\_site\_moment\_Fourier\_param\_sin\_symmform →  
   \_atom\_site\_moment\_Fourier\_param.sin\_symmform (mag)  
 \_atom\_site\_moment\_crystalaxis → \_atom\_site\_moment.crystalaxis (mag)  
 \_atom\_site\_moment\_crystalaxis\_su → \_atom\_site\_moment.crystalaxis\_su (mag)  
 \_atom\_site\_moment\_crystalaxis\_x → \_atom\_site\_moment.crystalaxis\_x (mag)  
 \_atom\_site\_moment\_crystalaxis\_x\_su →  
   \_atom\_site\_moment.crystalaxis\_x\_su (mag)  
 \_atom\_site\_moment\_crystalaxis\_y → \_atom\_site\_moment.crystalaxis\_y (mag)  
 \_atom\_site\_moment\_crystalaxis\_y\_su →  
   \_atom\_site\_moment.crystalaxis\_y\_su (mag)  
 \_atom\_site\_moment\_crystalaxis\_z → \_atom\_site\_moment.crystalaxis\_z (mag)  
 \_atom\_site\_moment\_crystalaxis\_z\_su →  
   \_atom\_site\_moment.crystalaxis\_z\_su (mag)  
 \_atom\_site\_moment\_label → \_atom\_site\_moment.label (mag)  
 \_atom\_site\_moment\_magnitude → \_atom\_site\_moment.magnitude (mag)  
 \_atom\_site\_moment\_magnitude\_su → \_atom\_site\_moment.magnitude\_su (mag)  
 \_atom\_site\_moment\_modulation\_flag →  
   \_atom\_site\_moment.modulation\_flag (mag)  
 \_atom\_site\_moment\_refinement\_flags\_magnetic →  
   \_atom\_site\_moment.refinement\_flags\_magnetic (mag)  
 \_atom\_site\_moment\_special\_func\_sawtooth\_ax →  
   \_atom\_site\_moment\_special\_func.sawtooth\_ax (mag)  
 \_atom\_site\_moment\_special\_func\_sawtooth\_ax\_su →  
   \_atom\_site\_moment\_special\_func.sawtooth\_ax\_su (mag)  
 \_atom\_site\_moment\_special\_func\_sawtooth\_ay →  
   \_atom\_site\_moment\_special\_func.sawtooth\_ay (mag)  
 \_atom\_site\_moment\_special\_func\_sawtooth\_ay\_su →  
   \_atom\_site\_moment\_special\_func.sawtooth\_ay\_su (mag)  
 \_atom\_site\_moment\_special\_func\_sawtooth\_az →  
   \_atom\_site\_moment\_special\_func.sawtooth\_az (mag)  
 \_atom\_site\_moment\_special\_func\_sawtooth\_az\_su →  
   \_atom\_site\_moment\_special\_func.sawtooth\_az\_su (mag)  
 \_atom\_site\_moment\_special\_func\_sawtooth\_c →  
   \_atom\_site\_moment\_special\_func.sawtooth\_c (mag)  
 \_atom\_site\_moment\_special\_func\_sawtooth\_c\_su →  
   \_atom\_site\_moment\_special\_func.sawtooth\_c\_su (mag)  
 \_atom\_site\_moment\_special\_func\_sawtooth\_w →  
   \_atom\_site\_moment\_special\_func.sawtooth\_w (mag)  
 \_atom\_site\_moment\_special\_func\_sawtooth\_w\_su →  
   \_atom\_site\_moment\_special\_func.sawtooth\_w\_su (mag)  
 \_atom\_site\_moment\_spherical\_azimuthal →  
   \_atom\_site\_moment.spherical\_azimuthal (mag)  
 \_atom\_site\_moment\_spherical\_azimuthal\_su →  
   \_atom\_site\_moment.spherical\_azimuthal\_su (mag)  
 \_atom\_site\_moment\_spherical\_modulus →  
   \_atom\_site\_moment.spherical\_modulus (mag)  
 \_atom\_site\_moment\_spherical\_modulus\_su →  
   \_atom\_site\_moment.spherical\_modulus\_su (mag)  
 \_atom\_site\_moment\_spherical\_polar →  
   \_atom\_site\_moment.spherical\_polar (mag)  
 \_atom\_site\_moment\_spherical\_polar\_su →  
   \_atom\_site\_moment.spherical\_polar\_su (mag)  
 \_atom\_site\_moment\_symmform → \_atom\_site\_moment.symmform (mag)  
 \_atom\_site\_occ\_Fourier\_atom\_site\_label →  
   \_atom\_site\_occ\_Fourier.atom\_site\_label (ms)  
 \_atom\_site\_occ\_Fourier\_id → \_atom\_site\_occ\_Fourier.id (ms)  
 \_atom\_site\_occ\_Fourier\_param\_cos → \_atom\_site\_occ\_Fourier\_param.cos (ms)  
 \_atom\_site\_occ\_Fourier\_param\_id → \_atom\_site\_occ\_Fourier\_param.id (ms)  
 \_atom\_site\_occ\_Fourier\_param\_modulus →  
   \_atom\_site\_occ\_Fourier\_param.modulus (ms)  
 \_atom\_site\_occ\_Fourier\_param\_phase →  
   \_atom\_site\_occ\_Fourier\_param.phase (ms)  
 \_atom\_site\_occ\_Fourier\_param\_sin → \_atom\_site\_occ\_Fourier\_param.sin (ms)  
 \_atom\_site\_occ\_Fourier\_wave\_vector\_seq\_id →  
   \_atom\_site\_occ\_Fourier.wave\_vector\_seq\_id (ms)  
 \_atom\_site\_occ\_modulation\_flag → \_atom\_site.occ\_modulation\_flag (ms)  
 \_atom\_site\_occ\_special\_func\_atom\_site\_label →  
   \_atom\_site\_occ\_special\_func.atom\_site\_label (ms)  
 \_atom\_site\_occ\_special\_func\_crenel\_c →  
   \_atom\_site\_occ\_special\_func.crenel\_c (ms)  
 \_atom\_site\_occ\_special\_func\_crenel\_w →  
   \_atom\_site\_occ\_special\_func.crenel\_w (ms)  
 \_atom\_site\_occupancy → \_atom\_site.occupancy (core, mm)  
 \_atom\_site\_occupancy\_su → \_atom\_site.occupancy\_su (core)  
 \_atom\_site\_phason\_atom\_site\_label → \_atom\_site\_phason.atom\_site\_label (ms)

## DATA-NAME ALIASES

\_atom\_site\_phason\_coeff → **atom\_site.phason.coeff** (ms)  
 \_atom\_site\_phason\_formula → **atom\_site.phason.formula** (ms)  
 \_atom\_site\_refinement\_flags → **atom\_site.refinement\_flags** (core, mm)  
 \_atom\_site\_refinement\_flags\_ADP → **atom\_site.refinement\_flags\_ADP** (core)  
 \_atom\_site\_refinement\_flags\_occupancy → **atom\_site.refinement\_flags\_occupancy** (core)  
 \_atom\_site\_refinement\_flags\_posn → **atom\_site.refinement\_flags\_posn** (core)  
 \_atom\_site\_restraints → **atom\_site.restraints** (core, mm)  
 \_atom\_site\_rot\_Fourier\_atom\_site\_label → **atom\_site\_rot\_Fourier.atom\_site\_label** (ms)  
 \_atom\_site\_rot\_Fourier\_axis → **atom\_site\_rot\_Fourier.axis** (ms)  
 \_atom\_site\_rot\_Fourier\_param\_cos → **atom\_site\_rot\_Fourier.param.cos** (ms)  
 \_atom\_site\_rot\_Fourier\_param\_id → **atom\_site\_rot\_Fourier.param.id** (ms)  
 \_atom\_site\_rot\_Fourier\_param\_modulus → **atom\_site\_rot\_Fourier.param.modulus** (ms)  
 \_atom\_site\_rot\_Fourier\_param\_phase → **atom\_site\_rot\_Fourier.param.phase** (ms)  
 \_atom\_site\_rot\_Fourier\_param\_sin → **atom\_site\_rot\_Fourier.param.sin** (ms)  
 \_atom\_site\_rot\_Fourier\_wave\_vector\_seq\_id → **atom\_site\_rot\_Fourier.wave\_vector\_seq\_id** (ms)  
 \_atom\_site\_rot\_special\_func\_atom\_site\_label → **atom\_site\_rot\_special\_func.atom\_site\_label** (ms)  
 \_atom\_site\_rot\_special\_func\_sawtooth\_ax → **atom\_site\_rot\_special\_func.sawtooth\_ax** (ms)  
 \_atom\_site\_rot\_special\_func\_sawtooth\_ay → **atom\_site\_rot\_special\_func.sawtooth\_ay** (ms)  
 \_atom\_site\_rot\_special\_func\_sawtooth\_az → **atom\_site\_rot\_special\_func.sawtooth\_az** (ms)  
 \_atom\_site\_rot\_special\_func\_sawtooth\_c → **atom\_site\_rot\_special\_func.sawtooth\_c** (ms)  
 \_atom\_site\_rot\_special\_func\_sawtooth\_w → **atom\_site\_rot\_special\_func.sawtooth\_w** (ms)  
 \_atom\_site\_rotation\_Cartn → **atom\_site.rotation.Cartn** (mag)  
 \_atom\_site\_rotation\_Cartn\_su → **atom\_site.rotation.Cartn\_su** (mag)  
 \_atom\_site\_rotation\_Cartn\_x → **atom\_site.rotation.Cartn\_x** (mag)  
 \_atom\_site\_rotation\_Cartn\_x\_su → **atom\_site.rotation.Cartn\_x\_su** (mag)  
 \_atom\_site\_rotation\_Cartn\_y → **atom\_site.rotation.Cartn\_y** (mag)  
 \_atom\_site\_rotation\_Cartn\_y\_su → **atom\_site.rotation.Cartn\_y\_su** (mag)  
 \_atom\_site\_rotation\_Cartn\_z → **atom\_site.rotation.Cartn\_z** (mag)  
 \_atom\_site\_rotation\_Cartn\_z\_su → **atom\_site.rotation.Cartn\_z\_su** (mag)  
 \_atom\_site\_rotation\_crystalaxis → **atom\_site.rotation.crystalaxis** (mag)  
 \_atom\_site\_rotation\_crystalaxis\_su → **atom\_site.rotation.crystalaxis\_su** (mag)  
 \_atom\_site\_rotation\_crystalaxis\_x → **atom\_site.rotation.crystalaxis\_x** (mag)  
 \_atom\_site\_rotation\_crystalaxis\_x\_su → **atom\_site.rotation.crystalaxis\_x\_su** (mag)  
 \_atom\_site\_rotation\_crystalaxis\_y → **atom\_site.rotation.crystalaxis\_y** (mag)  
 \_atom\_site\_rotation\_crystalaxis\_y\_su → **atom\_site.rotation.crystalaxis\_y\_su** (mag)  
 \_atom\_site\_rotation\_crystalaxis\_z → **atom\_site.rotation.crystalaxis\_z** (mag)  
 \_atom\_site\_rotation\_crystalaxis\_z\_su → **atom\_site.rotation.crystalaxis\_z\_su** (mag)  
 \_atom\_site\_rotation\_label → **atom\_site.rotation.label** (mag)  
 \_atom\_site\_rotation\_magnitude → **atom\_site.rotation.magnitude** (mag)  
 \_atom\_site\_rotation\_magnitude\_su → **atom\_site.rotation.magnitude\_su** (mag)  
 \_atom\_site\_rotation\_modulation\_flag → **atom\_site.rotation.modulation\_flag** (mag)  
 \_atom\_site\_rotation\_refinement\_flags\_rotational → **atom\_site.rotation.refinement\_flags\_rotational** (mag)  
 \_atom\_site\_rotation\_spherical\_azimuthal → **atom\_site.rotation.spherical\_azimuthal** (mag)  
 \_atom\_site\_rotation\_spherical\_azimuthal\_su → **atom\_site.rotation.spherical\_azimuthal\_su** (mag)  
 \_atom\_site\_rotation\_spherical\_modulus → **atom\_site.rotation.spherical\_modulus** (mag)  
 \_atom\_site\_rotation\_spherical\_modulus\_su → **atom\_site.rotation.spherical\_modulus\_su** (mag)  
 \_atom\_site\_rotation\_spherical\_polar → **atom\_site.rotation.spherical\_polar** (mag)

\_atom\_site\_rotation\_spherical\_polar\_su → **atom\_site.rotation.spherical\_polar\_su** (mag)  
 \_atom\_site\_rotation\_symmform → **atom\_site.rotation.symmform** (mag)  
 \_atom\_site\_site\_symmetry\_multiplicity → **atom\_site.site\_symmetry\_multiplicity** (core)  
 \_atom\_site\_site\_symmetry\_order → **atom\_site.site\_symmetry\_order** (core)  
 \_atom\_site\_subsystem\_code → **atom\_site.subsystem\_code** (ms)  
 \_atom\_site\_symmetry\_multiplicity → **atom\_site.site\_symmetry\_multiplicity** (core)  
 \_atom\_site\_symmetry\_multiplicity → **atom\_site.symmetry\_multiplicity** (mm)  
 \_atom\_site\_thermal\_displace\_type → **atom\_site.ADP\_type** (core)  
 \_atom\_site\_thermal\_displace\_type → **atom\_site.thermal\_displace\_type** (mm)  
 \_atom\_site\_type\_symbol → **atom\_site.type\_symbol** (core, mm)  
 \_atom\_sites.Cartn\_transf\_matrix[1][1] → **atom\_sites.Cartn\_transform.mat\_11** (core)  
 \_atom\_sites.Cartn\_transf\_matrix[1][2] → **atom\_sites.Cartn\_transform.mat\_12** (core)  
 \_atom\_sites.Cartn\_transf\_matrix[1][3] → **atom\_sites.Cartn\_transform.mat\_13** (core)  
 \_atom\_sites.Cartn\_transf\_matrix[2][1] → **atom\_sites.Cartn\_transform.mat\_21** (core)  
 \_atom\_sites.Cartn\_transf\_matrix[2][2] → **atom\_sites.Cartn\_transform.mat\_22** (core)  
 \_atom\_sites.Cartn\_transf\_matrix[2][3] → **atom\_sites.Cartn\_transform.mat\_23** (core)  
 \_atom\_sites.Cartn\_transf\_matrix[3][1] → **atom\_sites.Cartn\_transform.mat\_31** (core)  
 \_atom\_sites.Cartn\_transf\_matrix[3][2] → **atom\_sites.Cartn\_transform.mat\_32** (core)  
 \_atom\_sites.Cartn\_transf\_matrix[3][3] → **atom\_sites.Cartn\_transform.mat\_33** (core)  
 \_atom\_sites.Cartn\_transf\_vector[1] → **atom\_sites.Cartn\_transform.vec\_1** (core)  
 \_atom\_sites.Cartn\_transf\_vector[2] → **atom\_sites.Cartn\_transform.vec\_2** (core)  
 \_atom\_sites.Cartn\_transf\_vector[3] → **atom\_sites.Cartn\_transform.vec\_3** (core)  
 \_atom\_sites.Cartn\_transform\_axes → **atom\_sites.Cartn\_transform.axes** (core)  
 \_atom\_sites.fract\_transf\_matrix[1][1] → **atom\_sites.fract\_transform.mat\_11** (core)  
 \_atom\_sites.fract\_transf\_matrix[1][2] → **atom\_sites.fract\_transform.mat\_12** (core)  
 \_atom\_sites.fract\_transf\_matrix[1][3] → **atom\_sites.fract\_transform.mat\_13** (core)  
 \_atom\_sites.fract\_transf\_matrix[2][1] → **atom\_sites.fract\_transform.mat\_21** (core)  
 \_atom\_sites.fract\_transf\_matrix[2][2] → **atom\_sites.fract\_transform.mat\_22** (core)  
 \_atom\_sites.fract\_transf\_matrix[2][3] → **atom\_sites.fract\_transform.mat\_23** (core)  
 \_atom\_sites.fract\_transf\_matrix[3][1] → **atom\_sites.fract\_transform.mat\_31** (core)  
 \_atom\_sites.fract\_transf\_matrix[3][2] → **atom\_sites.fract\_transform.mat\_32** (core)  
 \_atom\_sites.fract\_transf\_matrix[3][3] → **atom\_sites.fract\_transform.mat\_33** (core)  
 \_atom\_sites.fract\_transf\_vector[1] → **atom\_sites.fract\_transform.vec\_1** (core)  
 \_atom\_sites.fract\_transf\_vector[2] → **atom\_sites.fract\_transform.vec\_2** (core)  
 \_atom\_sites.fract\_transf\_vector[3] → **atom\_sites.fract\_transform.vec\_3** (core)  
 \_atom\_sites.fract\_transform\_axes → **atom\_sites.fract\_transform.axes** (core)  
 \_atom\_sites.Cartn\_tran\_matrix\_11 → **atom\_sites.Cartn\_transf\_matrix[1][1]** (mm)  
 \_atom\_sites.Cartn\_tran\_matrix\_11 → **atom\_sites.Cartn\_transform.mat\_11** (core)  
 \_atom\_sites.Cartn\_tran\_matrix\_12 → **atom\_sites.Cartn\_transf\_matrix[1][2]** (mm)  
 \_atom\_sites.Cartn\_tran\_matrix\_12 → **atom\_sites.Cartn\_transform.mat\_12** (core)  
 \_atom\_sites.Cartn\_tran\_matrix\_13 → **atom\_sites.Cartn\_transf\_matrix[1][3]** (mm)  
 \_atom\_sites.Cartn\_tran\_matrix\_13 → **atom\_sites.Cartn\_transform.mat\_13** (core)

## DATA-NAME ALIASES

\_atom\_sites\_Cartn\_tran\_matrix\_21 → **\_atom\_sites.Cartn\_transf\_matrix[2][1]** (mm)  
 \_atom\_sites\_Cartn\_tran\_matrix\_21 → **\_atom\_sites.Cartn\_transform.mat\_21** (core)  
 \_atom\_sites\_Cartn\_tran\_matrix\_22 → **\_atom\_sites.Cartn\_transf\_matrix[2][2]** (mm)  
 \_atom\_sites\_Cartn\_tran\_matrix\_22 → **\_atom\_sites.Cartn\_transform.mat\_22** (core)  
 \_atom\_sites\_Cartn\_tran\_matrix\_23 → **\_atom\_sites.Cartn\_transf\_matrix[2][3]** (mm)  
 \_atom\_sites\_Cartn\_tran\_matrix\_23 → **\_atom\_sites.Cartn\_transform.mat\_23** (core)  
 \_atom\_sites\_Cartn\_tran\_matrix\_31 → **\_atom\_sites.Cartn\_transf\_matrix[3][1]** (mm)  
 \_atom\_sites\_Cartn\_tran\_matrix\_31 → **\_atom\_sites.Cartn\_transform.mat\_31** (core)  
 \_atom\_sites\_Cartn\_tran\_matrix\_32 → **\_atom\_sites.Cartn\_transf\_matrix[3][2]** (mm)  
 \_atom\_sites\_Cartn\_tran\_matrix\_32 → **\_atom\_sites.Cartn\_transform.mat\_32** (core)  
 \_atom\_sites\_Cartn\_tran\_matrix\_33 → **\_atom\_sites.Cartn\_transf\_matrix[3][3]** (mm)  
 \_atom\_sites\_Cartn\_tran\_matrix\_33 → **\_atom\_sites.Cartn\_transform.mat\_33** (core)  
 \_atom\_sites\_Cartn\_tran\_vector\_1 → **\_atom\_sites.Cartn\_transf\_vector[1]** (mm)  
 \_atom\_sites\_Cartn\_tran\_vector\_1 → **\_atom\_sites.Cartn\_transform.vec\_1** (core)  
 \_atom\_sites\_Cartn\_tran\_vector\_2 → **\_atom\_sites.Cartn\_transf\_vector[2]** (mm)  
 \_atom\_sites\_Cartn\_tran\_vector\_2 → **\_atom\_sites.Cartn\_transform.vec\_2** (core)  
 \_atom\_sites\_Cartn\_tran\_vector\_3 → **\_atom\_sites.Cartn\_transf\_vector[3]** (mm)  
 \_atom\_sites\_Cartn\_tran\_vector\_3 → **\_atom\_sites.Cartn\_transform.vec\_3** (core)  
 \_atom\_sites\_Cartn\_transform\_axes → **\_atom\_sites.Cartn\_transform\_axes** (mm)  
 \_atom\_sites\_Cartn\_transform\_axes → **\_atom\_sites.Cartn\_transform.axes** (core)  
 \_atom\_sites\_displace\_Fourier\_axes\_description → **\_atom\_sites\_displace\_Fourier.axes\_description** (ms)  
 \_atom\_sites\_fract\_tran\_matrix\_11 → **\_atom\_sites.fract\_transf\_matrix[1][1]** (mm)  
 \_atom\_sites\_fract\_tran\_matrix\_11 → **\_atom\_sites\_fract\_transform.mat\_11** (core)  
 \_atom\_sites\_fract\_tran\_matrix\_12 → **\_atom\_sites.fract\_transf\_matrix[1][2]** (mm)  
 \_atom\_sites\_fract\_tran\_matrix\_12 → **\_atom\_sites\_fract\_transform.mat\_12** (core)  
 \_atom\_sites\_fract\_tran\_matrix\_13 → **\_atom\_sites.fract\_transf\_matrix[1][3]** (mm)  
 \_atom\_sites\_fract\_tran\_matrix\_13 → **\_atom\_sites\_fract\_transform.mat\_13** (core)  
 \_atom\_sites\_fract\_tran\_matrix\_21 → **\_atom\_sites.fract\_transf\_matrix[2][1]** (mm)  
 \_atom\_sites\_fract\_tran\_matrix\_21 → **\_atom\_sites\_fract\_transform.mat\_21** (core)  
 \_atom\_sites\_fract\_tran\_matrix\_22 → **\_atom\_sites.fract\_transf\_matrix[2][2]** (mm)  
 \_atom\_sites\_fract\_tran\_matrix\_22 → **\_atom\_sites\_fract\_transform.mat\_22** (core)  
 \_atom\_sites\_fract\_tran\_matrix\_23 → **\_atom\_sites.fract\_transf\_matrix[2][3]** (mm)  
 \_atom\_sites\_fract\_tran\_matrix\_23 → **\_atom\_sites\_fract\_transform.mat\_23** (core)  
 \_atom\_sites\_fract\_tran\_matrix\_31 → **\_atom\_sites.fract\_transf\_matrix[3][1]** (mm)  
 \_atom\_sites\_fract\_tran\_matrix\_31 → **\_atom\_sites\_fract\_transform.mat\_31** (core)  
 \_atom\_sites\_fract\_tran\_matrix\_32 → **\_atom\_sites.fract\_transf\_matrix[3][2]** (mm)  
 \_atom\_sites\_fract\_tran\_matrix\_32 → **\_atom\_sites\_fract\_transform.mat\_32** (core)  
 \_atom\_sites\_fract\_tran\_matrix\_33 → **\_atom\_sites.fract\_transf\_matrix[3][3]** (mm)  
 \_atom\_sites\_fract\_tran\_matrix\_33 → **\_atom\_sites\_fract\_transform.mat\_33** (core)  
 \_atom\_sites\_fract\_tran\_vector\_1 → **\_atom\_sites.fract\_transf\_vector[1]** (mm)  
 \_atom\_sites\_fract\_tran\_vector\_1 → **\_atom\_sites\_fract\_transform.vec\_1** (core)  
 \_atom\_sites\_fract\_tran\_vector\_2 → **\_atom\_sites.fract\_transf\_vector[2]** (mm)  
 \_atom\_sites\_fract\_tran\_vector\_2 → **\_atom\_sites\_fract\_transform.vec\_2** (core)  
 \_atom\_sites\_fract\_tran\_vector\_3 → **\_atom\_sites.fract\_transf\_vector[3]** (mm)  
 \_atom\_sites\_fract\_tran\_vector\_3 → **\_atom\_sites\_fract\_transform.vec\_3** (core)  
 \_atom\_sites\_fract\_transform\_axes → **\_atom\_sites\_fract\_transform.axes** (core)  
 \_atom\_sites\_modulation\_global\_phase\_t\_1 → **\_atom\_sites\_modulation.global\_phase\_t\_1** (ms)  
 \_atom\_sites\_modulation\_global\_phase\_t\_2 → **\_atom\_sites\_modulation.global\_phase\_t\_2** (ms)  
 \_atom\_sites\_modulation\_global\_phase\_t\_3 → **\_atom\_sites\_modulation.global\_phase\_t\_3** (ms)  
 \_atom\_sites\_modulation\_global\_phase\_t\_4 → **\_atom\_sites\_modulation.global\_phase\_t\_4** (ms)  
 \_atom\_sites\_modulation\_global\_phase\_t\_5 → **\_atom\_sites\_modulation.global\_phase\_t\_5** (ms)  
 \_atom\_sites\_modulation\_global\_phase\_t\_6 → **\_atom\_sites\_modulation.global\_phase\_t\_6** (ms)  
 \_atom\_sites\_modulation\_global\_phase\_t\_7 → **\_atom\_sites\_modulation.global\_phase\_t\_7** (ms)  
 \_atom\_sites\_modulation\_global\_phase\_t\_8 → **\_atom\_sites\_modulation.global\_phase\_t\_8** (ms)  
 \_atom\_sites\_rot\_Fourier\_axes\_description → **\_atom\_sites\_rot\_Fourier.axes\_description** (ms)  
 \_atom\_sites\_solution\_hydrogens → **\_atom\_sites.solution\_hydrogens** (core, mm)  
 \_atom\_sites\_solution\_primary → **\_atom\_sites.solution\_primary** (core, mm)  
 \_atom\_sites\_solution\_secondary → **\_atom\_sites.solution\_secondary** (core, mm)  
 \_atom\_sites\_special\_details → **\_atom\_sites.special\_details** (core)  
 \_atom\_type.analytical\_mass\_% → **\_atom\_type.analytical\_mass\_percent** (core)  
 \_atom\_type.scat\_Cromer\_Mann\_a1 → **\_atom\_type.scat.Cromer\_Mann\_a1** (core)  
 \_atom\_type.scat\_Cromer\_Mann\_a2 → **\_atom\_type.scat.Cromer\_Mann\_a2** (core)  
 \_atom\_type.scat\_Cromer\_Mann\_a3 → **\_atom\_type.scat.Cromer\_Mann\_a3** (core)  
 \_atom\_type.scat\_Cromer\_Mann\_a4 → **\_atom\_type.scat.Cromer\_Mann\_a4** (core)  
 \_atom\_type.scat\_Cromer\_Mann\_b1 → **\_atom\_type.scat.Cromer\_Mann\_b1** (core)  
 \_atom\_type.scat\_Cromer\_Mann\_b2 → **\_atom\_type.scat.Cromer\_Mann\_b2** (core)  
 \_atom\_type.scat\_Cromer\_Mann\_b3 → **\_atom\_type.scat.Cromer\_Mann\_b3** (core)  
 \_atom\_type.scat\_Cromer\_Mann\_b4 → **\_atom\_type.scat.Cromer\_Mann\_b4** (core)  
 \_atom\_type.scat\_Cromer\_Mann\_c → **\_atom\_type.scat.Cromer\_Mann\_c** (core)  
 \_atom\_type.scat\_dispersion\_imag → **\_atom\_type.scat.dispersion\_imag** (core)  
 \_atom\_type.scat\_dispersion\_real → **\_atom\_type.scat.dispersion\_real** (core)  
 \_atom\_type.scat\_dispersion\_source → **\_atom\_type.scat.dispersion\_source** (core)  
 \_atom\_type.scat\_length\_neutron → **\_atom\_type.scat.length\_neutron** (core)  
 \_atom\_type.scat\_source → **\_atom\_type.scat.source** (core)  
 \_atom\_type.scat\_versus\_stol\_list → **\_atom\_type.scat.versus\_stol\_list** (core)  
 \_atom\_type.analytical\_mass\_% → **\_atom\_type.analytical\_mass\_percent** (core, mm)  
 \_atom\_type\_description → **\_atom\_type.description** (core, mm)  
 \_atom\_type\_number\_in\_cell → **\_atom\_type.number\_in\_cell** (core, mm)  
 \_atom\_type\_oxidation\_number → **\_atom\_type.oxidation\_number** (core, mm)  
 \_atom\_type\_radius\_bond → **\_atom\_type.radius\_bond** (core, mm)  
 \_atom\_type\_radius\_contact → **\_atom\_type.radius\_contact** (core, mm)  
 \_atom\_type\_scat\_Cromer\_Mann\_a1 → **\_atom\_type.scat\_Cromer\_Mann\_a1** (mm)  
 \_atom\_type\_scat\_Cromer\_Mann\_a1 → **\_atom\_type\_scat.Cromer\_Mann\_a1** (core)  
 \_atom\_type\_scat\_Cromer\_Mann\_a2 → **\_atom\_type\_scat\_Cromer\_Mann\_a2** (mm)

## DATA-NAME ALIASES

atom\_type\_scat\_Cromer\_Mann\_a2 → atom\_type\_scat.Cromer\_Mann\_a2 (core)  
atom\_type\_scat\_Cromer\_Mann\_a3 → atom\_type\_scat.Cromer\_Mann\_a3 (mm)  
atom\_type\_scat\_Cromer\_Mann\_a3 → atom\_type\_scat.Cromer\_Mann\_a3 (core)  
atom\_type\_scat\_Cromer\_Mann\_a4 → atom\_type\_scat.Cromer\_Mann\_a4 (mm)  
atom\_type\_scat\_Cromer\_Mann\_a4 → atom\_type\_scat.Cromer\_Mann\_a4 (core)  
atom\_type\_scat\_Cromer\_Mann\_b1 → atom\_type\_scat.Cromer\_Mann\_b1 (mm)  
atom\_type\_scat\_Cromer\_Mann\_b1 → atom\_type\_scat.Cromer\_Mann\_b1 (core)  
atom\_type\_scat\_Cromer\_Mann\_b2 → atom\_type\_scat.Cromer\_Mann\_b2 (mm)  
atom\_type\_scat\_Cromer\_Mann\_b2 → atom\_type\_scat.Cromer\_Mann\_b2 (core)  
atom\_type\_scat\_Cromer\_Mann\_b3 → atom\_type\_scat.Cromer\_Mann\_b3 (mm)  
atom\_type\_scat\_Cromer\_Mann\_b3 → atom\_type\_scat.Cromer\_Mann\_b3 (core)  
atom\_type\_scat\_Cromer\_Mann\_b4 → atom\_type\_scat.Cromer\_Mann\_b4 (mm)  
atom\_type\_scat\_Cromer\_Mann\_b4 → atom\_type\_scat.Cromer\_Mann\_b4 (core)  
atom\_type\_scat\_Cromer\_Mann\_c → atom\_type\_scat.Cromer\_Mann\_c (mm)  
atom\_type\_scat\_Cromer\_Mann\_c → atom\_type\_scat.Cromer\_Mann\_c (core)  
atom\_type\_scat\_dispersion\_imag → atom\_type\_scat\_dispersion\_imag (mm)  
atom\_type\_scat\_dispersion\_imag → atom\_type\_scat\_dispersion\_imag (core)  
atom\_type\_scat\_dispersion\_real → atom\_type\_scat\_dispersion\_real (mm)  
atom\_type\_scat\_dispersion\_real → atom\_type\_scat\_dispersion\_real (core)  
atom\_type\_scat\_dispersion\_source → atom\_type\_scat\_dispersion\_source (core)  
atom\_type\_scat\_length\_neutron → atom\_type\_scat\_length\_neutron (mm)  
atom\_type\_scat\_length\_neutron → atom\_type\_scat\_length\_neutron (core)  
atom\_type\_scat\_source → atom\_type\_scat\_source (mm)  
atom\_type\_scat\_source → atom\_type\_scat\_source (core)  
atom\_type\_scat\_symbol → atom\_type\_scat\_symbol (core)  
atom\_type\_scat\_versus\_stol\_list → atom\_type\_scat\_versus\_stol\_list (mm)  
atom\_type\_scat\_versus\_stol\_list → atom\_type\_scat\_versus\_stol\_list (core)  
atom\_type\_symbol → atom\_type\_symbol (core, mm)  
audit\_revision\_id → audit\_block\_code (core)  
audit\_author\_address → audit\_author.address (core, mm)  
audit\_author\_name → audit\_author.name (core, mm)  
audit\_block\_DOI → audit\_block\_DOI (core)  
audit\_block\_code → audit\_block\_code (core)  
audit\_block\_code → entry.id (mm)  
audit\_conform\_dict\_location → audit\_conform\_dict\_location (core, mm)  
audit\_conform\_dict\_name → audit\_conform\_dict\_name (core, mm)  
audit\_conform\_dict\_version → audit\_conform\_dict\_version (core, mm)  
audit\_contact\_author → audit\_contact\_author.name (core)  
audit\_contact\_author\_address → audit\_contact\_author.address (core, mm)  
audit\_contact\_author\_email → audit\_contact\_author.email (core, mm)  
audit\_contact\_author\_fax → audit\_contact\_author.fax (core, mm)  
audit\_contact\_author\_name → audit\_contact\_author.name (core, mm)  
audit\_contact\_author\_phone → audit\_contact\_author.phone (core, mm)  
audit\_creation\_date → audit\_creation\_date (core, mm)  
audit\_creation\_method → audit\_creation\_method (core, mm)  
audit\_link\_block\_code → audit\_link\_block\_code (core)  
audit\_link\_block\_code → entry\_link.id (mm)  
audit\_link\_block\_description → audit\_link\_block\_description (core)  
audit\_link\_block\_description → entry\_link.details (mm)  
audit\_update\_record → audit\_update\_record (core, mm)  
cell\_angle\_alpha\_esd → cell\_angle\_alpha\_su (core)  
cell\_angle\_beta\_esd → cell\_angle\_beta\_su (core)  
cell\_angle\_gamma\_esd → cell\_angle\_gamma\_su (core)  
cell.details → cell.special\_details (core)  
cell.length\_a\_esd → cell.length\_a\_su (core)  
cell.length\_b\_esd → cell.length\_b\_su (core)  
cell.length\_c\_esd → cell.length\_c\_su (core)  
cell.reciprocal\_angle\_alpha\_esd → cell.reciprocal\_angle\_alpha\_su (core)  
cell.reciprocal\_angle\_beta\_esd → cell.reciprocal\_angle\_beta\_su (core)  
cell.reciprocal\_angle\_gamma\_esd → cell.reciprocal\_angle\_gamma\_su (core)  
cell.reciprocal\_length\_a\_esd → cell.reciprocal\_length\_a\_su (core)  
cell.reciprocal\_length\_b\_esd → cell.reciprocal\_length\_b\_su (core)  
cell.reciprocal\_length\_c\_esd → cell.reciprocal\_length\_c\_su (core)  
cell.volume\_esd → cell.volume\_su (core)  
cell\_angle.beta\_su → cell\_angle\_beta\_su (core)  
cell\_angle.gamma\_su → cell\_angle\_gamma\_su (core)  
cell\_angle\_alpha → cell\_angle\_alpha (core, mm)  
cell\_angle\_alpha\_su → cell\_angle\_alpha\_su (core)  
cell\_angle\_beta → cell\_angle\_beta (core, mm)  
cell\_angle\_beta\_su → cell\_angle\_beta\_su (core)  
cell\_angle\_gamma → cell\_angle\_gamma (core, mm)  
cell\_angle\_gamma\_su → cell\_angle\_gamma\_su (core)  
cell\_formula\_units\_Z → cell\_formula\_units\_Z (core, mm)  
cell\_length\_a → cell\_length\_a (core, mm)  
cell\_length\_a\_su → cell\_length\_a\_su (core)  
cell\_length\_b → cell\_length\_b (core, mm)  
cell\_length\_b\_su → cell\_length\_b\_su (core)  
cell\_length\_c → cell\_length\_c (core, mm)  
cell\_length\_c\_su → cell\_length\_c\_su (core)  
cell\_measurement.pressure\_esd → cell\_measurement.pressure\_su (core)  
cell\_measurement.temp → cell\_measurement.temperature (core)  
cell\_measurement.temp\_esd → cell\_measurement.temperature\_su (core)  
cell\_measurement.pressure → cell\_measurement.pressure (core, mm)  
cell\_measurement.pressure\_su → cell\_measurement.pressure\_su (core)  
cell\_measurement\_radiation → cell\_measurement\_radiation (core, mm)  
cell\_measurement\_refln\_index\_h → cell\_measurement\_refln\_index\_h (core, mm)  
cell\_measurement\_refln\_index\_k → cell\_measurement\_refln\_index\_k (core, mm)  
cell\_measurement\_refln\_index\_l → cell\_measurement\_refln\_index\_l (core, mm)  
cell\_measurement\_refln\_theta → cell\_measurement\_refln\_theta (core, mm)  
cell\_measurement\_reflns\_used → cell\_measurement\_reflns\_used (core, mm)  
cell\_measurement\_temp → cell\_measurement.temperature (core)  
cell\_measurement\_temp\_su → cell\_measurement.temperature\_su (core)  
cell\_measurement\_temperature → cell\_measurement.temperature (core)  
cell\_measurement\_temperature → cell\_measurement.temp (mm)  
cell\_measurement\_theta\_max → cell\_measurement\_theta\_max (core, mm)  
cell\_measurement\_theta\_min → cell\_measurement\_theta\_min (core, mm)  
cell\_measurement\_wavelength → cell\_measurement\_wavelength (core, mm)  
cell\_modulation\_dimension → cell\_modulation\_dimension (ms)  
cell\_reciprocal\_angle\_alpha → cell\_reciprocal\_angle\_alpha (core)  
cell\_reciprocal\_angle\_alpha\_su → cell\_reciprocal\_angle\_alpha\_su (core)  
cell\_reciprocal\_angle\_beta → cell\_reciprocal\_angle\_beta (core)  
cell\_reciprocal\_angle\_beta\_su → cell\_reciprocal\_angle\_beta\_su (core)  
cell\_reciprocal\_angle\_gamma → cell\_reciprocal\_angle\_gamma (core)  
cell\_reciprocal\_angle\_gamma\_su → cell\_reciprocal\_angle\_gamma\_su (core)  
cell\_reciprocal\_basis\_description → cell\_reciprocal\_basis\_description (ms)  
cell\_reciprocal\_length\_a → cell\_reciprocal\_length\_a (core)  
cell\_reciprocal\_length\_a\_su → cell\_reciprocal\_length\_a\_su (core)  
cell\_reciprocal\_length\_b → cell\_reciprocal\_length\_b (core)  
cell\_reciprocal\_length\_b\_su → cell\_reciprocal\_length\_b\_su (core)  
cell\_reciprocal\_length\_c → cell\_reciprocal\_length\_c (core)  
cell\_reciprocal\_length\_c\_su → cell\_reciprocal\_length\_c\_su (core)  
cell\_special\_details → cell.details (mm)  
cell\_special\_details → cell.special\_details (core)  
cell\_subsystem\_code → cell\_subsystem\_code (ms)  
cell\_subsystem\_description → cell\_subsystem.description (ms)  
cell\_subsystem\_matrix\_W\_10\_1 → cell\_subsystem.matrix\_W\_10\_1 (ms)  
cell\_subsystem\_matrix\_W\_10\_10 → cell\_subsystem.matrix\_W\_10\_10 (ms)  
cell\_subsystem\_matrix\_W\_10\_11 → cell\_subsystem.matrix\_W\_10\_11 (ms)  
cell\_subsystem\_matrix\_W\_10\_2 → cell\_subsystem.matrix\_W\_10\_2 (ms)  
cell\_subsystem\_matrix\_W\_10\_3 → cell\_subsystem.matrix\_W\_10\_3 (ms)  
cell\_subsystem\_matrix\_W\_10\_4 → cell\_subsystem.matrix\_W\_10\_4 (ms)  
cell\_subsystem\_matrix\_W\_10\_5 → cell\_subsystem.matrix\_W\_10\_5 (ms)  
cell\_subsystem\_matrix\_W\_10\_6 → cell\_subsystem.matrix\_W\_10\_6 (ms)  
cell\_subsystem\_matrix\_W\_10\_7 → cell\_subsystem.matrix\_W\_10\_7 (ms)  
cell\_subsystem\_matrix\_W\_10\_8 → cell\_subsystem.matrix\_W\_10\_8 (ms)  
cell\_subsystem\_matrix\_W\_10\_9 → cell\_subsystem.matrix\_W\_10\_9 (ms)  
cell\_subsystem\_matrix\_W\_11\_1 → cell\_subsystem.matrix\_W\_11\_1 (ms)



## DATA-NAME ALIASES

chemical\_formula\_moiety → **chemical\_formula.moiety** (core, mm)  
chemical\_formula\_structural → **chemical\_formula.structural** (core, mm)  
chemical\_formula\_sum → **chemical\_formula.sum** (core, mm)  
chemical\_formula\_weight → **chemical\_formula.weight** (core, mm)  
chemical\_formula\_weight\_meas → **chemical\_formula.weight\_meas** (core, mm)  
chemical\_identifier\_InChI → **chemical.identifier\_InChI** (core)  
chemical\_identifier\_InChI\_key → **chemical.identifier\_InChI\_key** (core)  
chemical\_identifier\_InChI\_version → **chemical.identifier\_InChI\_version** (core)  
chemical\_melting\_point → **chemical.melting\_point** (core, mm)  
chemical\_melting\_point\_gt → **chemical.melting\_point\_gt** (core)  
chemical\_melting\_point\_lt → **chemical.melting\_point\_lt** (core)  
chemical\_name\_common → **chemical.name\_common** (core, mm)  
chemical\_name\_mineral → **chemical.name\_mineral** (core, mm)  
chemical\_name\_structure\_type → **chemical.name\_structure\_type** (core, mm)  
chemical\_name\_systematic → **chemical.name\_systematic** (core, mm)  
chemical\_optical\_rotation → **chemical.optical\_rotation** (core)  
chemical\_properties\_biological → **chemical.properties\_biological** (core)  
chemical\_properties\_physical → **chemical.properties\_physical** (core)  
chemical\_temperature\_decomposition → **chemical.temperature\_decomposition** (core)  
chemical\_temperature\_decomposition\_gt → **chemical.temperature\_decomposition\_gt** (core)  
chemical\_temperature\_decomposition\_lt → **chemical.temperature\_decomposition\_lt** (core)  
chemical\_temperature\_decomposition\_su → **chemical.temperature\_decomposition\_su** (core)  
chemical\_temperature\_sublimation → **chemical.temperature\_sublimation** (core)  
chemical\_temperature\_sublimation\_gt → **chemical.temperature\_sublimation\_gt** (core)  
chemical\_temperature\_sublimation\_lt → **chemical.temperature\_sublimation\_lt** (core)  
chemical\_temperature\_sublimation\_su → **chemical.temperature\_sublimation\_su** (core)  
citation.details → **citation.special\_details** (core)  
citation\_DOI → **citation.DOI** (core)  
citation\_abstract → **citation.abstract** (core, mm)  
citation\_abstract\_id\_CAS → **citation.abstract\_id\_CAS** (core, mm)  
citation\_author\_citation\_id → **citation.author.citation\_id** (core, mm)  
citation\_author\_name → **citation.author.name** (core, mm)  
citation\_author\_ordinal → **citation.author.ordinal** (core, mm)  
citation\_book\_id\_ISBN → **citation.book\_id\_ISBN** (core, mm)  
citation\_book\_publisher → **citation.book\_publisher** (core, mm)  
citation\_book\_publisher\_city → **citation.book\_publisher\_city** (core, mm)  
citation\_book\_title → **citation.book\_title** (core, mm)  
citation\_coordinate\_linkage → **citation.coordinate\_linkage** (core, mm)  
citation\_country → **citation.country** (core, mm)  
citation\_database\_id\_CSD → **citation.database\_id\_CSD** (core)  
citation\_database\_id\_Medline → **citation.database\_id\_Medline** (core, mm)  
citation\_editor → **citation.editor.name** (core)  
citation\_editor\_citation\_id → **citation.editor.citation\_id** (core, mm)  
citation\_editor\_name → **citation.editor.name** (core, mm)  
citation\_editor\_ordinal → **citation.editor.ordinal** (core, mm)  
citation\_id → **citation.id** (core, mm)  
citation\_journal\_abbrev → **citation.journal\_abbrev** (core, mm)  
citation\_journal\_full → **citation.journal\_full** (core, mm)  
citation\_journal\_id\_ASTM → **citation.journal\_id\_ASTM** (core, mm)  
citation\_journal\_id\_CSD → **citation.journal\_id\_CSD** (core, mm)  
citation\_journal\_id\_ISSN → **citation.journal\_id\_ISSN** (core, mm)  
citation\_journal\_issue → **citation.journal\_issue** (core, mm)  
citation\_journal\_volume → **citation.journal\_volume** (core, mm)  
citation\_language → **citation.language** (core, mm)  
citation\_page\_first → **citation.page\_first** (core, mm)  
citation\_page\_last → **citation.page\_last** (core, mm)  
citation\_publisher → **citation.publisher** (core)  
citation\_special\_details → **citation.details** (mm)  
citation\_special\_details → **citation.special\_details** (core)  
citation\_title → **citation.title** (core, mm)  
citation\_year → **citation.year** (core, mm)  
computing\_data\_collection → **computing.diffraction\_collection** (core)  
computing\_data\_reduction → **computing.diffraction\_reduction** (core)  
computing\_cell\_refinement → **computing.cell\_refinement** (core, mm)  
computing\_data\_collection → **computing.data\_collection** (mm)  
computing\_data\_collection → **computing.diffraction\_collection** (core)  
computing\_data\_reduction → **computing.data\_reduction** (mm)  
computing\_data\_reduction → **computing.diffraction\_reduction** (core)  
computing\_molecular\_graphics → **computing.molecular\_graphics** (core, mm)  
computing\_publication\_material → **computing.publication\_material** (core, mm)  
computing\_structure\_refinement → **computing.structure\_refinement** (core, mm)  
computing\_structure\_solution → **computing.structure\_solution** (core, mm)  
database\_code\_CAS → **database\_code.CAS** (core)  
database\_code\_COD → **database\_code.COD** (core)  
database\_code\_CSD → **database\_code.CSD** (core)  
database\_code\_ICSD → **database\_code.ICSD** (core)  
database\_code\_MDF → **database\_code.MDF** (core)  
database\_code\_NBS → **database\_code.NBS** (core)  
database\_code\_PDB → **database\_code.PDB** (core)  
database\_code\_PDF → **database\_code.PDF** (core)  
database\_code\_depnum\_CCDC\_archive → **database\_code.depnum\_CCDC\_archive** (core)  
database\_code\_depnum\_CCDC\_fiz → **database\_code.depnum\_CCDC\_fiz** (core)  
database\_code\_depnum\_CCDC\_journal → **database\_code.depnum\_CCDC\_journal** (core)  
database\_CSD\_history → **database.CSD\_history** (core)  
database\_code\_CAS → **database\_code.CAS** (mm)  
database\_code\_CAS → **database\_code.CAS** (core)  
database\_code\_COD → **database\_code.COD** (core)  
database\_code\_CSD → **database\_code.CSD** (mm)  
database\_code\_CSD → **database\_code.CSD** (core)  
database\_code\_ICSD → **database\_code.ICSD** (mm)  
database\_code\_ICSD → **database\_code.ICSD** (core)  
database\_code\_MDF → **database\_code.MDF** (mm)  
database\_code\_MDF → **database\_code.MDF** (core)  
database\_code\_NBS → **database\_code.NBS** (mm)  
database\_code\_NBS → **database\_code.NBS** (core)  
database\_code\_PDB → **database\_code.PDB** (core)  
database\_code\_PDF → **database\_code.PDF** (mm)  
database\_code\_PDF → **database\_code.PDF** (core)  
database\_code\_depnum\_CCDC\_archive → **database\_code.depnum\_CCDC\_archive** (core)  
database\_code\_depnum\_CCDC\_fiz → **database\_code.depnum\_CCDC\_fiz** (core)  
database\_code\_depnum\_CCDC\_journal → **database\_code.depnum\_CCDC\_journal** (core)  
database\_dataset\_DOI → **database.dataset\_DOI** (core)  
database\_journal\_ASTM → **database.journal\_ASTM** (core, mm)  
database\_journal\_CSD → **database.journal\_CSD** (core, mm)  
diffraction\_ambient\_pressure\_esd → **diffraction.ambient\_pressure\_su** (core)  
diffraction\_ambient\_temp → **diffraction.ambient\_temperature** (core)  
diffraction\_ambient\_temp\_details → **diffraction.ambient\_temperature\_details** (core)  
diffraction\_ambient\_temp\_esd → **diffraction.ambient\_temperature\_su** (core)  
diffraction\_ambient\_temp\_gt → **diffraction.ambient\_temperature\_gt** (core)  
diffraction\_ambient\_temp\_lt → **diffraction.ambient\_temperature\_lt** (core)  
diffraction\_details → **diffraction.special\_details** (core)  
diffraction\_measurement\_details → **diffraction\_measurement.details** (core)  
diffraction\_measurement\_device\_class → **diffraction\_measurement.device\_class** (core)  
diffraction\_measurement\_device\_details → **diffraction\_measurement.device\_details** (core)  
diffraction\_measurement\_device\_make → **diffraction\_measurement.device\_make** (core)  
diffraction\_measurement\_method → **diffraction\_measurement.method** (core)  
diffraction\_measurement\_specimen\_support → **diffraction\_measurement.specimen\_support** (core)  
diffraction\_ambient\_environment → **diffraction.ambient\_environment** (core, mm)  
diffraction\_ambient\_pressure → **diffraction.ambient\_pressure** (core, mm)  
diffraction\_ambient\_pressure\_gt → **diffraction.ambient\_pressure\_gt** (core)  
diffraction\_ambient\_pressure\_lt → **diffraction.ambient\_pressure\_lt** (core)  
diffraction\_ambient\_pressure\_su → **diffraction.ambient\_pressure\_su** (core)  
diffraction\_ambient\_temp → **diffraction.ambient\_temperature** (core)  
diffraction\_ambient\_temp\_details → **diffraction.ambient\_temperature\_details** (core)  
diffraction\_ambient\_temp\_gt → **diffraction.ambient\_temperature\_gt** (core)  
diffraction\_ambient\_temp\_lt → **diffraction.ambient\_temperature\_lt** (core)  
diffraction\_ambient\_temp\_su → **diffraction.ambient\_temperature\_su** (core)  
diffraction\_ambient\_temperature → **diffraction.ambient\_temperature** (core)  
diffraction\_ambient\_temperature → **diffraction.ambient\_temp** (mm)  
diffraction\_ambient\_temperature\_gt → **diffraction.ambient\_temperature\_gt** (core)  
diffraction\_ambient\_temperature\_lt → **diffraction.ambient\_temperature\_lt** (core)  
diffraction\_ambient\_temperature\_su → **diffraction.ambient\_temperature\_su** (core)

## DATA-NAME ALIASES

\_diffm\_attenuator\_code → **diffm\_attenuator.code** (core, mm)  
 \_diffm\_attenuator\_material → **diffm\_attenuator.material** (core)  
 \_diffm\_attenuator\_scale → **diffm\_attenuator.scale** (core, mm)  
 \_diffm\_crystal\_treatment → **diffm\_crystal\_treatment** (core, mm)  
 \_diffm\_detector → **diffm\_detector.description** (core)  
 \_diffm\_detector → **diffm\_detector.detector** (mm)  
 \_diffm\_detector.detector → **diffm\_detector.description** (core)  
 \_diffm\_detector.type → **diffm\_detector.make** (core)  
 \_diffm\_detector\_area\_resol\_mean → **diffm\_detector.area\_resol\_mean** (core)  
 \_diffm\_detector\_details → **diffm\_detector.details** (core, mm)  
 \_diffm\_detector\_dtime → **diffm\_detector.dtime** (core, mm)  
 \_diffm\_detector\_type → **diffm\_detector.make** (core)  
 \_diffm\_detector\_type → **diffm\_detector.type** (mm)  
 \_diffm\_measured\_fraction\_theta\_full → **diffm.measured\_fraction\_theta\_full** (core)  
 \_diffm\_measured\_fraction\_theta\_max → **diffm.measured\_fraction\_theta\_max** (core)  
 \_diffm\_measurement.device → **diffm\_measurement.device\_class** (core)  
 \_diffm\_measurement.device\_type → **diffm\_measurement.device\_make** (core)  
 \_diffm\_measurement\_details → **diffm\_measurement.details** (core, mm)  
 \_diffm\_measurement\_device → **diffm\_measurement.device\_class** (core)  
 \_diffm\_measurement\_device → **diffm\_measurement.device** (mm)  
 \_diffm\_measurement\_device\_details → **diffm\_measurement.device\_details** (core, mm)  
 \_diffm\_measurement\_device\_type → **diffm\_measurement.device\_make** (core)  
 \_diffm\_measurement\_device\_type → **diffm\_measurement.device\_type** (mm)  
 \_diffm\_measurement\_method → **diffm\_measurement.method** (core, mm)  
 \_diffm\_measurement\_specimen\_support → **diffm\_measurement.specimen\_support** (core, mm)  
 \_diffm\_orient\_matrix.UB[1][1] → **diffm\_orient\_matrix.UB\_11** (core)  
 \_diffm\_orient\_matrix.UB[1][2] → **diffm\_orient\_matrix.UB\_12** (core)  
 \_diffm\_orient\_matrix.UB[1][3] → **diffm\_orient\_matrix.UB\_13** (core)  
 \_diffm\_orient\_matrix.UB[2][1] → **diffm\_orient\_matrix.UB\_21** (core)  
 \_diffm\_orient\_matrix.UB[2][2] → **diffm\_orient\_matrix.UB\_22** (core)  
 \_diffm\_orient\_matrix.UB[2][3] → **diffm\_orient\_matrix.UB\_23** (core)  
 \_diffm\_orient\_matrix.UB[3][1] → **diffm\_orient\_matrix.UB\_31** (core)  
 \_diffm\_orient\_matrix.UB[3][2] → **diffm\_orient\_matrix.UB\_32** (core)  
 \_diffm\_orient\_matrix.UB[3][3] → **diffm\_orient\_matrix.UB\_33** (core)  
 \_diffm\_orient\_matrix\_UB\_11 → **diffm\_orient\_matrix.UB[1][1]** (mm)  
 \_diffm\_orient\_matrix\_UB\_11 → **diffm\_orient\_matrix.UB\_11** (core)  
 \_diffm\_orient\_matrix\_UB\_12 → **diffm\_orient\_matrix.UB[1][2]** (mm)  
 \_diffm\_orient\_matrix\_UB\_12 → **diffm\_orient\_matrix.UB\_12** (core)  
 \_diffm\_orient\_matrix\_UB\_13 → **diffm\_orient\_matrix.UB[1][3]** (mm)  
 \_diffm\_orient\_matrix\_UB\_13 → **diffm\_orient\_matrix.UB\_13** (core)  
 \_diffm\_orient\_matrix\_UB\_21 → **diffm\_orient\_matrix.UB[2][1]** (mm)  
 \_diffm\_orient\_matrix\_UB\_21 → **diffm\_orient\_matrix.UB\_21** (core)  
 \_diffm\_orient\_matrix\_UB\_22 → **diffm\_orient\_matrix.UB[2][2]** (mm)  
 \_diffm\_orient\_matrix\_UB\_22 → **diffm\_orient\_matrix.UB\_22** (core)  
 \_diffm\_orient\_matrix\_UB\_23 → **diffm\_orient\_matrix.UB[2][3]** (mm)  
 \_diffm\_orient\_matrix\_UB\_23 → **diffm\_orient\_matrix.UB\_23** (core)  
 \_diffm\_orient\_matrix\_UB\_31 → **diffm\_orient\_matrix.UB[3][1]** (mm)  
 \_diffm\_orient\_matrix\_UB\_31 → **diffm\_orient\_matrix.UB\_31** (core)  
 \_diffm\_orient\_matrix\_UB\_32 → **diffm\_orient\_matrix.UB[3][2]** (mm)  
 \_diffm\_orient\_matrix\_UB\_32 → **diffm\_orient\_matrix.UB\_32** (core)  
 \_diffm\_orient\_matrix\_UB\_33 → **diffm\_orient\_matrix.UB[3][3]** (mm)  
 \_diffm\_orient\_matrix\_UB\_33 → **diffm\_orient\_matrix.UB\_33** (core)  
 \_diffm\_orient\_matrix\_type → **diffm\_orient\_matrix.type** (core, mm)  
 \_diffm\_orient\_refl\_angle\_chi → **diffm\_orient\_refl.angle\_chi** (core, mm)  
 \_diffm\_orient\_refl\_angle\_kappa → **diffm\_orient\_refl.angle\_kappa** (core, mm)  
 \_diffm\_orient\_refl\_angle\_omega → **diffm\_orient\_refl.angle\_omega** (core, mm)  
 \_diffm\_orient\_refl\_angle\_phi → **diffm\_orient\_refl.angle\_phi** (core, mm)  
 \_diffm\_orient\_refl\_angle\_psi → **diffm\_orient\_refl.angle\_psi** (core, mm)  
 \_diffm\_orient\_refl\_angle\_theta → **diffm\_orient\_refl.angle\_theta** (core, mm)  
 \_diffm\_orient\_refl\_index\_h → **diffm\_orient\_refl.index\_h** (core, mm)  
 \_diffm\_orient\_refl\_index\_k → **diffm\_orient\_refl.index\_k** (core, mm)  
 \_diffm\_orient\_refl\_index\_l → **diffm\_orient\_refl.index\_l** (core, mm)  
 \_diffm\_radiation.detector\_dtime → **diffm\_detector.dtime** (core)  
 \_diffm\_radiation.wavelength\_details → **diffm\_radiation.wavelength.details** (core)  
 \_diffm\_radiation.wavelength\_determination → **diffm\_radiation.wavelength.determination** (core)  
 \_diffm\_radiation.wavelength\_id → **diffm\_radiation.wavelength.id** (core)  
 \_diffm\_radiation\_collimation → **diffm\_radiation.collimation** (core, mm)  
 \_diffm\_radiation\_detector → **diffm\_detector.description** (core)  
 \_diffm\_radiation\_detector → **diffm\_detector.detector** (mm)  
 \_diffm\_radiation\_detector\_dtime → **diffm\_detector.dtime** (core, mm)  
 \_diffm\_radiation\_filter\_edge → **diffm\_radiation.filter\_edge** (core, mm)  
 \_diffm\_radiation\_inhomogeneity → **diffm\_radiation.inhomogeneity** (core, mm)  
 \_diffm\_radiation\_monochromator → **diffm\_radiation.monochromator** (core, mm)  
 \_diffm\_radiation\_polarisn\_norm → **diffm\_radiation.polarisn\_norm** (core, mm)  
 \_diffm\_radiation\_polarisn\_ratio → **diffm\_radiation.polarisn\_ratio** (core, mm)  
 \_diffm\_radiation\_probe → **diffm\_radiation.probe** (core, mm)  
 \_diffm\_radiation\_source → **diffm\_source.description** (core)  
 \_diffm\_radiation\_source → **diffm\_source.source** (mm)  
 \_diffm\_radiation\_type → **diffm\_radiation.type** (core, mm)  
 \_diffm\_radiation\_wavelength → **diffm\_radiation\_wavelength.value** (core)  
 \_diffm\_radiation\_wavelength → **diffm\_radiation\_wavelength.wavelength** (mm)  
 \_diffm\_radiation\_wavelength.wavelength → **diffm\_radiation\_wavelength.value** (core)  
 \_diffm\_radiation\_wavelength.wavelength\_su → **diffm\_radiation\_wavelength.value\_su** (core)  
 \_diffm\_radiation\_wavelength\_details → **diffm\_radiation\_wavelength.details** (core)  
 \_diffm\_radiation\_wavelength\_determination → **diffm\_radiation\_wavelength.determination** (core)  
 \_diffm\_radiation\_wavelength\_id → **diffm\_radiation\_wavelength.id** (core, mm)  
 \_diffm\_radiation\_wavelength\_su → **diffm\_radiation\_wavelength.value\_su** (core)  
 \_diffm\_radiation\_wavelength\_wt → **diffm\_radiation\_wavelength.wt** (core, mm)  
 \_diffm\_radiation\_xray\_symbol → **diffm\_radiation.xray\_symbol** (core, mm)  
 \_diffm\_refl.intensity\_sigma → **diffm\_refl.intensity\_net\_su** (core)  
 \_diffm\_refl.intensity\_u → **diffm\_refl.intensity\_net\_su** (core)  
 \_diffm\_refl.sint\_over\_lambda → **diffm\_refl.sin\_theta\_over\_lambda** (core)  
 \_diffm\_refl\_angle\_chi → **diffm\_refl.angle\_chi** (core, mm)  
 \_diffm\_refl\_angle\_kappa → **diffm\_refl.angle\_kappa** (core, mm)  
 \_diffm\_refl\_angle\_omega → **diffm\_refl.angle\_omega** (core, mm)  
 \_diffm\_refl\_angle\_phi → **diffm\_refl.angle\_phi** (core, mm)  
 \_diffm\_refl\_angle\_psi → **diffm\_refl.angle\_psi** (core, mm)  
 \_diffm\_refl\_angle\_theta → **diffm\_refl.angle\_theta** (core, mm)  
 \_diffm\_refl\_attenuator\_code → **diffm\_refl.attenuator\_code** (core, mm)  
 \_diffm\_refl\_class\_code → **diffm\_refl.class\_code** (core)  
 \_diffm\_refl\_counts\_bg\_1 → **diffm\_refl.counts\_bg\_1** (core, mm)  
 \_diffm\_refl\_counts\_bg\_2 → **diffm\_refl.counts\_bg\_2** (core, mm)  
 \_diffm\_refl\_counts\_net → **diffm\_refl.counts\_net** (core, mm)  
 \_diffm\_refl\_counts\_peak → **diffm\_refl.counts\_peak** (core, mm)  
 \_diffm\_refl\_counts\_total → **diffm\_refl.counts\_total** (core, mm)  
 \_diffm\_refl\_crystal\_id → **diffm\_refl.crystal\_id** (mm)  
 \_diffm\_refl\_detect\_slit\_horiz → **diffm\_refl.detect\_slit\_horiz** (core, mm)  
 \_diffm\_refl\_detect\_slit\_vert → **diffm\_refl.detect\_slit\_vert** (core, mm)  
 \_diffm\_refl\_elapsed\_time → **diffm\_refl.elapsed\_time** (core, mm)  
 \_diffm\_refl\_index\_h → **diffm\_refl.index\_h** (core, mm)  
 \_diffm\_refl\_index\_k → **diffm\_refl.index\_k** (core, mm)  
 \_diffm\_refl\_index\_l → **diffm\_refl.index\_l** (core, mm)  
 \_diffm\_refl\_index\_m\_1 → **diffm\_refl.index\_m\_1** (ms)  
 \_diffm\_refl\_index\_m\_2 → **diffm\_refl.index\_m\_2** (ms)  
 \_diffm\_refl\_index\_m\_3 → **diffm\_refl.index\_m\_3** (ms)  
 \_diffm\_refl\_index\_m\_4 → **diffm\_refl.index\_m\_4** (ms)  
 \_diffm\_refl\_index\_m\_5 → **diffm\_refl.index\_m\_5** (ms)  
 \_diffm\_refl\_index\_m\_6 → **diffm\_refl.index\_m\_6** (ms)  
 \_diffm\_refl\_index\_m\_7 → **diffm\_refl.index\_m\_7** (ms)  
 \_diffm\_refl\_index\_m\_8 → **diffm\_refl.index\_m\_8** (ms)  
 \_diffm\_refl\_intensity\_net → **diffm\_refl.intensity\_net** (core, mm)  
 \_diffm\_refl\_intensity\_sigma → **diffm\_refl.intensity\_net\_su** (core)  
 \_diffm\_refl\_intensity\_sigma → **diffm\_refl.intensity\_sigma** (mm)  
 \_diffm\_refl\_intensity\_u → **diffm\_refl.intensity\_net\_su** (core)  
 \_diffm\_refl\_scale\_group\_code → **diffm\_refl.scale\_group\_code** (core, mm)  
 \_diffm\_refl\_scan\_mode → **diffm\_refl.scan\_mode** (core, mm)  
 \_diffm\_refl\_scan\_mode\_backgd → **diffm\_refl.scan\_mode\_backgd** (core, mm)  
 \_diffm\_refl\_scan\_rate → **diffm\_refl.scan\_rate** (core, mm)  
 \_diffm\_refl\_scan\_time\_backgd → **diffm\_refl.scan\_time\_backgd** (core, mm)

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diffn\_refl\_scan\_width → diffn\_refl.scan\_width (core, mm)  
diffn\_refl\_sint/lambda → diffn\_refl.sin\_theta\_over\_lambda (core)  
diffn\_refl\_sint/lambda → diffn\_refl.sint\_over\_lambda (mm)  
diffn\_refl\_sint\_over\_lambda → diffn\_refl.sin\_theta\_over\_lambda (core)  
diffn\_refl\_standard\_code → diffn\_refl.standard\_code (core, mm)  
diffn\_refl\_wavelength → diffn\_refl.wavelength (core, mm)  
diffn\_refl\_wavelength\_id → diffn\_refl.wavelength\_id (core, mm)  
diffn\_refns.av\_sigmaI\_over\_netI → diffn\_refns.av\_sunetI\_over\_netI (core)  
diffn\_refns.av\_unetI/netI → diffn\_refns.av\_sunetI\_over\_netI (core)  
diffn\_refns.transf\_matrix[1][1] → diffn\_refns.transf\_matrix.11 (core)  
diffn\_refns.transf\_matrix[1][2] → diffn\_refns.transf\_matrix.12 (core)  
diffn\_refns.transf\_matrix[1][3] → diffn\_refns.transf\_matrix.13 (core)  
diffn\_refns.transf\_matrix[2][1] → diffn\_refns.transf\_matrix.21 (core)  
diffn\_refns.transf\_matrix[2][2] → diffn\_refns.transf\_matrix.22 (core)  
diffn\_refns.transf\_matrix[2][3] → diffn\_refns.transf\_matrix.23 (core)  
diffn\_refns.transf\_matrix[3][1] → diffn\_refns.transf\_matrix.31 (core)  
diffn\_refns.transf\_matrix[3][2] → diffn\_refns.transf\_matrix.32 (core)  
diffn\_refns.transf\_matrix[3][3] → diffn\_refns.transf\_matrix.33 (core)  
diffn\_refns\_Laue\_measured\_fraction\_full → diffn\_refns.Laue\_measured\_fraction\_full (core)  
diffn\_refns\_Laue\_measured\_fraction\_max → diffn\_refns.Laue\_measured\_fraction\_max (core)  
diffn\_refns\_av\_R\_equivalents → diffn\_refns.av\_R\_equivalents (core, mm)  
diffn\_refns\_av\_sigmaI/netI → diffn\_refns.av\_sigmaI\_over\_netI (mm)  
diffn\_refns\_av\_sigmaI/netI → diffn\_refns.av\_sunetI\_over\_netI (core)  
diffn\_refns\_av\_unetI/netI → diffn\_refns.av\_sunetI\_over\_netI (core)  
diffn\_refns\_class.av\_sg/I → diffn\_refns\_class.av\_suI\_over\_I (core)  
diffn\_refns\_class.av\_ul/I → diffn\_refns\_class.av\_suI\_over\_I (core)  
diffn\_refns\_class\_av\_R\_eq → diffn\_refns\_class.av\_R\_eq (core)  
diffn\_refns\_class\_av\_sg/I → diffn\_refns\_class.av\_suI\_over\_I (core)  
diffn\_refns\_class\_av\_ul/I → diffn\_refns\_class.av\_suI\_over\_I (core)  
diffn\_refns\_class\_av\_ul\_over\_I → diffn\_refns\_class.av\_suI\_over\_I (core)  
diffn\_refns\_class\_code → diffn\_refns\_class.code (core)  
diffn\_refns\_class\_d\_res\_high → diffn\_refns\_class.d\_res\_high (core)  
diffn\_refns\_class\_d\_res\_low → diffn\_refns\_class.d\_res\_low (core)  
diffn\_refns\_class\_description → diffn\_refns\_class.description (core)  
diffn\_refns\_class\_number → diffn\_refns\_class.number (core)  
diffn\_refns\_limit\_h\_max → diffn\_refns.limit\_h\_max (core, mm)  
diffn\_refns\_limit\_h\_min → diffn\_refns.limit\_h\_min (core, mm)  
diffn\_refns\_limit\_index\_m\_1\_max → diffn\_refns.limit\_index\_m\_1\_max (ms)  
diffn\_refns\_limit\_index\_m\_1\_min → diffn\_refns.limit\_index\_m\_1\_min (ms)  
diffn\_refns\_limit\_index\_m\_2\_max → diffn\_refns.limit\_index\_m\_2\_max (ms)  
diffn\_refns\_limit\_index\_m\_2\_min → diffn\_refns.limit\_index\_m\_2\_min (ms)  
diffn\_refns\_limit\_index\_m\_3\_max → diffn\_refns.limit\_index\_m\_3\_max (ms)  
diffn\_refns\_limit\_index\_m\_3\_min → diffn\_refns.limit\_index\_m\_3\_min (ms)  
diffn\_refns\_limit\_index\_m\_4\_max → diffn\_refns.limit\_index\_m\_4\_max (ms)  
diffn\_refns\_limit\_index\_m\_4\_min → diffn\_refns.limit\_index\_m\_4\_min (ms)  
diffn\_refns\_limit\_index\_m\_5\_max → diffn\_refns.limit\_index\_m\_5\_max (ms)  
diffn\_refns\_limit\_index\_m\_5\_min → diffn\_refns.limit\_index\_m\_5\_min (ms)  
diffn\_refns\_limit\_index\_m\_6\_max → diffn\_refns.limit\_index\_m\_6\_max (ms)  
diffn\_refns\_limit\_index\_m\_6\_min → diffn\_refns.limit\_index\_m\_6\_min (ms)  
diffn\_refns\_limit\_index\_m\_7\_max → diffn\_refns.limit\_index\_m\_7\_max (ms)  
diffn\_refns\_limit\_index\_m\_7\_min → diffn\_refns.limit\_index\_m\_7\_min (ms)  
diffn\_refns\_limit\_index\_m\_8\_max → diffn\_refns.limit\_index\_m\_8\_max (ms)  
diffn\_refns\_limit\_index\_m\_8\_min → diffn\_refns.limit\_index\_m\_8\_min (ms)  
diffn\_refns\_limit\_k\_max → diffn\_refns.limit\_k\_max (core, mm)  
diffn\_refns\_limit\_k\_min → diffn\_refns.limit\_k\_min (core, mm)  
diffn\_refns\_limit\_l\_max → diffn\_refns.limit\_l\_max (core, mm)  
diffn\_refns\_limit\_l\_min → diffn\_refns.limit\_l\_min (core, mm)  
diffn\_refns\_number → diffn\_refns.number (core, mm)  
diffn\_refns\_point\_group\_measured\_fraction\_full → diffn\_refns.point\_measured\_fraction\_full (core)  
diffn\_refns\_point\_group\_measured\_fraction\_max → diffn\_refns.point\_measured\_fraction\_max (core)  
diffn\_refns\_reduction\_process → diffn\_refns.reduction\_process (core, mm)  
diffn\_refns\_resolution\_full → diffn\_refns.resolution\_full (core)  
diffn\_refns\_resolution\_max → diffn\_refns.resolution\_max (core)  
diffn\_refns\_satellite\_order\_max → diffn\_refns.satellite\_order\_max (ms)  
diffn\_refns\_theta\_full → diffn\_refns.theta\_full (core)  
diffn\_refns\_theta\_max → diffn\_refns.theta\_max (core, mm)  
diffn\_refns\_theta\_min → diffn\_refns.theta\_min (core, mm)  
diffn\_refns\_transf\_matrix\_11 → diffn\_refns.transf\_matrix[1][1] (mm)  
diffn\_refns\_transf\_matrix\_11 → diffn\_refns.transf\_matrix.11 (core)  
diffn\_refns\_transf\_matrix\_12 → diffn\_refns.transf\_matrix[1][2] (mm)  
diffn\_refns\_transf\_matrix\_12 → diffn\_refns.transf\_matrix.12 (core)  
diffn\_refns\_transf\_matrix\_13 → diffn\_refns.transf\_matrix[1][3] (mm)  
diffn\_refns\_transf\_matrix\_13 → diffn\_refns.transf\_matrix.13 (core)  
diffn\_refns\_transf\_matrix\_21 → diffn\_refns.transf\_matrix[2][1] (mm)  
diffn\_refns\_transf\_matrix\_21 → diffn\_refns.transf\_matrix.21 (core)  
diffn\_refns\_transf\_matrix\_22 → diffn\_refns.transf\_matrix[2][2] (mm)  
diffn\_refns\_transf\_matrix\_22 → diffn\_refns.transf\_matrix.22 (core)  
diffn\_refns\_transf\_matrix\_23 → diffn\_refns.transf\_matrix[2][3] (mm)  
diffn\_refns\_transf\_matrix\_23 → diffn\_refns.transf\_matrix.23 (core)  
diffn\_refns\_transf\_matrix\_31 → diffn\_refns.transf\_matrix[3][1] (mm)  
diffn\_refns\_transf\_matrix\_31 → diffn\_refns.transf\_matrix.31 (core)  
diffn\_refns\_transf\_matrix\_32 → diffn\_refns.transf\_matrix[3][2] (mm)  
diffn\_refns\_transf\_matrix\_32 → diffn\_refns.transf\_matrix.32 (core)  
diffn\_refns\_transf\_matrix\_33 → diffn\_refns.transf\_matrix[3][3] (mm)  
diffn\_refns\_transf\_matrix\_33 → diffn\_refns.transf\_matrix.33 (core)  
diffn\_scale\_group\_I\_net → diffn\_scale\_group.I\_net (core, mm)  
diffn\_scale\_group\_code → diffn\_scale\_group.code (core, mm)  
diffn\_source → diffn\_source.description (core)  
diffn\_source → diffn\_source.source (mm)  
diffn\_source.source → diffn\_source.description (core)  
diffn\_source.take-off\_angle → diffn\_source.take\_off\_angle (core)  
diffn\_source.type → diffn\_source.make (core)  
diffn\_source\_current → diffn\_source.current (core, mm)  
diffn\_source\_details → diffn\_source.details (core, mm)  
diffn\_source\_make → diffn\_source.make (core)  
diffn\_source\_power → diffn\_source.power (core, mm)  
diffn\_source\_size → diffn\_source.size (core, mm)  
diffn\_source\_take-off\_angle → diffn\_source.take\_off\_angle (core)  
diffn\_source\_target → diffn\_source.target (core, mm)  
diffn\_source\_type → diffn\_source.make (core)  
diffn\_source\_type → diffn\_source.type (mm)  
diffn\_source\_voltage → diffn\_source.voltage (core, mm)  
diffn\_special\_details → diffn.details (mm)  
diffn\_special\_details → diffn.special\_details (core)  
diffn\_standard\_refl.diffn\_id → diffn\_standard\_refl.code (core)  
diffn\_standard\_refl\_code → diffn\_standard\_refl.code (core, mm)  
diffn\_standard\_refl\_index\_h → diffn\_standard\_refl.index\_h (core, mm)  
diffn\_standard\_refl\_index\_k → diffn\_standard\_refl.index\_k (core, mm)  
diffn\_standard\_refl\_index\_l → diffn\_standard\_refl.index\_l (core, mm)  
diffn\_standard\_refl\_index\_m\_1 → diffn\_standard\_refl.index\_m\_1 (ms)  
diffn\_standard\_refl\_index\_m\_2 → diffn\_standard\_refl.index\_m\_2 (ms)  
diffn\_standard\_refl\_index\_m\_3 → diffn\_standard\_refl.index\_m\_3 (ms)  
diffn\_standard\_refl\_index\_m\_4 → diffn\_standard\_refl.index\_m\_4 (ms)  
diffn\_standard\_refl\_index\_m\_5 → diffn\_standard\_refl.index\_m\_5 (ms)  
diffn\_standard\_refl\_index\_m\_6 → diffn\_standard\_refl.index\_m\_6 (ms)  
diffn\_standard\_refl\_index\_m\_7 → diffn\_standard\_refl.index\_m\_7 (ms)  
diffn\_standard\_refl\_index\_m\_8 → diffn\_standard\_refl.index\_m\_8 (ms)  
diffn\_standards.decay\_% → diffn\_standards.decay\_percent (core)  
diffn\_standards.scale\_sigma → diffn\_standards.scale\_su\_average (core)  
diffn\_standards.scale\_u → diffn\_standards.scale\_su\_average (core)  
diffn\_standards\_decay\_% → diffn\_standards.decay\_% (mm)

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\_diffn\_standards\_decay\_% → **\_diffn\_standards.decay\_percent** (core)  
 \_diffn\_standards\_decay\_percent → **\_diffn\_standards.decay\_percent** (core)  
 \_diffn\_standards\_interval\_count → **\_diffn\_standards.interval\_count** (core, mm)  
 \_diffn\_standards\_interval\_time → **\_diffn\_standards.interval\_time** (core, mm)  
 \_diffn\_standards\_number → **\_diffn\_standards.number** (core, mm)  
 \_diffn\_standards\_scale\_sigma → **\_diffn\_standards.scale\_sigma** (mm)  
 \_diffn\_standards\_scale\_sigma → **\_diffn\_standards.scale\_su\_average** (core)  
 \_diffn\_standards\_scale\_u → **\_diffn\_standards.scale\_su\_average** (core)  
 \_diffn\_symmetry\_description → **\_diffn.symmetry\_description** (core)  
 \_ebi\_refine\_funct\_minimized.NumTerms → **\_refine\_funct\_minimized.number\_terms** (mm)  
 \_ebi\_refine\_funct\_minimized.Residual → **\_refine\_funct\_minimized.residual** (mm)  
 \_ebi\_refine\_funct\_minimized.type → **\_refine\_funct\_minimized.type** (mm)  
 \_ebi\_refine\_funct\_minimized.weight → **\_refine\_funct\_minimized.weight** (mm)  
 \_ebi\_refn\_sys\_abs.I → **\_refln\_sys\_abs.I** (mm)  
 \_ebi\_refn\_sys\_abs.I\_over\_sigma → **\_refln\_sys\_abs.I\_over\_sigmaI** (mm)  
 \_ebi\_refn\_sys\_abs.h → **\_refln\_sys\_abs.index\_h** (mm)  
 \_ebi\_refn\_sys\_abs.k → **\_refln\_sys\_abs.index\_k** (mm)  
 \_ebi\_refn\_sys\_abs.l → **\_refln\_sys\_abs.index\_l** (mm)  
 \_ebi\_refn\_sys\_abs.sigmaI → **\_refln\_sys\_abs.sigmaI** (mm)  
 \_exptl.aborpt\_coefficient\_mu → **\_exptl.aborpt.coefficient\_mu** (core)  
 \_exptl.aborpt\_correction\_T\_max → **\_exptl.aborpt.correction\_T\_max** (core)  
 \_exptl.aborpt\_correction\_T\_min → **\_exptl.aborpt.correction\_T\_min** (core)  
 \_exptl.aborpt\_correction\_type → **\_exptl.aborpt.correction\_type** (core)  
 \_exptl.aborpt\_process\_details → **\_exptl.aborpt.process\_details** (core)  
 \_exptl.details → **\_exptl.special\_details** (core)  
 \_exptl\_aborpt\_coefficient\_mu → **\_exptl.aborpt\_coefficient\_mu** (mm)  
 \_exptl\_aborpt\_coefficient\_mu → **\_exptl.aborpt.coefficient\_mu** (core)  
 \_exptl\_aborpt\_correction\_T\_max → **\_exptl.aborpt\_correction\_T\_max** (mm)  
 \_exptl\_aborpt\_correction\_T\_max → **\_exptl.aborpt.correction\_T\_max** (core)  
 \_exptl\_aborpt\_correction\_T\_min → **\_exptl.aborpt\_correction\_T\_min** (mm)  
 \_exptl\_aborpt\_correction\_T\_min → **\_exptl.aborpt.correction\_T\_min** (core)  
 \_exptl\_aborpt\_correction\_type → **\_exptl.aborpt\_correction\_type** (mm)  
 \_exptl\_aborpt\_correction\_type → **\_exptl.aborpt.correction\_type** (core)  
 \_exptl\_aborpt\_process\_details → **\_exptl.aborpt\_process\_details** (mm)  
 \_exptl\_aborpt\_process\_details → **\_exptl.aborpt.process\_details** (core)  
 \_exptl\_aborpt\_special\_details → **\_exptl.aborpt.special\_details** (core)  
 \_exptl\_crystal.colour\_lustre → **\_exptl\_crystal\_appearance.general** (core)  
 \_exptl\_crystal.colour\_modifier → **\_exptl\_crystal\_appearance.intensity** (core)  
 \_exptl\_crystal.colour\_primary → **\_exptl\_crystal\_appearance.hue** (core)  
 \_exptl\_crystal.density\_meas\_esd → **\_exptl\_crystal.density\_meas\_su** (core)  
 \_exptl\_crystal.density\_meas\_temp\_esd → **\_exptl\_crystal.density\_meas\_temp\_su** (core)  
 \_exptl\_crystal\_F\_000 → **\_exptl\_crystal.F\_000** (core, mm)  
 \_exptl\_crystal\_colour → **\_exptl\_crystal.colour** (core, mm)  
 \_exptl\_crystal\_colour\_lustre → **\_exptl\_crystal\_appearance.general** (core)  
 \_exptl\_crystal\_colour\_modifier → **\_exptl\_crystal\_appearance.intensity** (core)  
 \_exptl\_crystal\_colour\_primary → **\_exptl\_crystal\_appearance.hue** (core)  
 \_exptl\_crystal\_density\_diffn → **\_exptl\_crystal.density\_diffn** (core, mm)  
 \_exptl\_crystal\_density\_meas → **\_exptl\_crystal.density\_meas** (core, mm)  
 \_exptl\_crystal\_density\_meas\_gt → **\_exptl\_crystal.density\_meas\_gt** (core)  
 \_exptl\_crystal\_density\_meas\_lt → **\_exptl\_crystal.density\_meas\_lt** (core)  
 \_exptl\_crystal\_density\_meas\_su → **\_exptl\_crystal.density\_meas\_su** (core)  
 \_exptl\_crystal\_density\_meas\_temp → **\_exptl\_crystal.density\_meas\_temp** (core, mm)  
 \_exptl\_crystal\_density\_meas\_temp\_gt → **\_exptl\_crystal.density\_meas\_temp\_gt** (core)  
 \_exptl\_crystal\_density\_meas\_temp\_gt → **\_exptl\_crystal.density\_meas\_temp\_gt** (core)  
 \_exptl\_crystal\_density\_meas\_temp\_lt → **\_exptl\_crystal.density\_meas\_temp\_lt** (core)  
 \_exptl\_crystal\_density\_meas\_temp\_lt → **\_exptl\_crystal.density\_meas\_temp\_lt** (core)  
 \_exptl\_crystal\_density\_meas\_temp\_su → **\_exptl\_crystal.density\_meas\_temp\_su** (core)  
 \_exptl\_crystal\_density\_meas\_temp\_su → **\_exptl\_crystal.density\_meas\_temp\_su** (core)  
 \_exptl\_crystal\_density\_method → **\_exptl\_crystal.density\_method** (core, mm)  
 \_exptl\_crystal\_description → **\_exptl\_crystal.description** (core, mm)  
 \_exptl\_crystal\_face\_diffn\_chi → **\_exptl\_crystal\_face.diffn\_chi** (core, mm)  
 \_exptl\_crystal\_face\_diffn\_kappa → **\_exptl\_crystal\_face.diffn\_kappa** (core, mm)  
 \_exptl\_crystal\_face\_diffn\_phi → **\_exptl\_crystal\_face.diffn\_phi** (core, mm)  
 \_exptl\_crystal\_face\_diffn\_psi → **\_exptl\_crystal\_face.diffn\_psi** (core, mm)  
 \_exptl\_crystal\_face\_index\_h → **\_exptl\_crystal\_face.index\_h** (core, mm)  
 \_exptl\_crystal\_face\_index\_k → **\_exptl\_crystal\_face.index\_k** (core, mm)  
 \_exptl\_crystal\_face\_index\_l → **\_exptl\_crystal\_face.index\_l** (core, mm)  
 \_exptl\_crystal\_face\_index\_m\_1 → **\_exptl\_crystal\_face.index\_m\_1** (ms)  
 \_exptl\_crystal\_face\_index\_m\_2 → **\_exptl\_crystal\_face.index\_m\_2** (ms)  
 \_exptl\_crystal\_face\_index\_m\_3 → **\_exptl\_crystal\_face.index\_m\_3** (ms)  
 \_exptl\_crystal\_face\_index\_m\_4 → **\_exptl\_crystal\_face.index\_m\_4** (ms)  
 \_exptl\_crystal\_face\_index\_m\_5 → **\_exptl\_crystal\_face.index\_m\_5** (ms)  
 \_exptl\_crystal\_face\_index\_m\_6 → **\_exptl\_crystal\_face.index\_m\_6** (ms)  
 \_exptl\_crystal\_face\_index\_m\_7 → **\_exptl\_crystal\_face.index\_m\_7** (ms)  
 \_exptl\_crystal\_face\_index\_m\_8 → **\_exptl\_crystal\_face.index\_m\_8** (ms)  
 \_exptl\_crystal\_face\_perp\_dist → **\_exptl\_crystal\_face.perp\_dist** (core, mm)  
 \_exptl\_crystal\_id → **\_exptl\_crystal.id** (core, mm, multi)  
 \_exptl\_crystal\_preparation → **\_exptl\_crystal.preparation** (core, mm)  
 \_exptl\_crystal\_pressure\_history → **\_exptl\_crystal.pressure\_history** (core)  
 \_exptl\_crystal\_recrystallization\_method → **\_exptl\_crystal.recrystallization\_method** (core)  
 \_exptl\_crystal\_size\_length → **\_exptl\_crystal.size\_length** (core)  
 \_exptl\_crystal\_size\_max → **\_exptl\_crystal.size\_max** (core, mm)  
 \_exptl\_crystal\_size\_mid → **\_exptl\_crystal.size\_mid** (core, mm)  
 \_exptl\_crystal\_size\_min → **\_exptl\_crystal.size\_min** (core, mm)  
 \_exptl\_crystal\_size\_rad → **\_exptl\_crystal.size\_rad** (core, mm)  
 \_exptl\_crystal\_thermal\_history → **\_exptl\_crystal.thermal\_history** (core)  
 \_exptl\_crystal\_type\_of\_structure → **\_exptl\_crystal.type\_of\_structure** (ms)  
 \_exptl\_crystals\_number → **\_exptl.crystals\_number** (core, mm)  
 \_exptl\_special\_details → **\_exptl.details** (mm)  
 \_exptl\_special\_details → **\_exptl.special\_details** (core)  
 \_exptl\_transmission\_factor\_max → **\_exptl.transmission\_factor\_max** (core)  
 \_exptl\_transmission\_factor\_min → **\_exptl.transmission\_factor\_min** (core)  
 \_geom.details → **\_geom.special\_details** (core)  
 \_geom\_angle → **\_geom\_angle.value** (core, mm)  
 \_geom\_angle.atom\_site\_id\_1 → **\_geom\_angle.atom\_site\_label\_1** (core)  
 \_geom\_angle.atom\_site\_id\_2 → **\_geom\_angle.atom\_site\_label\_2** (core)  
 \_geom\_angle.atom\_site\_id\_3 → **\_geom\_angle.atom\_site\_label\_3** (core)  
 \_geom\_angle.value\_esd → **\_geom\_angle.value\_su** (core, ms)  
 \_geom\_angle\_atom\_site\_label\_1 → **\_geom\_angle.atom\_site\_id\_1** (mm)  
 \_geom\_angle\_atom\_site\_label\_1 → **\_geom\_angle.atom\_site\_label\_1** (core)  
 \_geom\_angle\_atom\_site\_label\_2 → **\_geom\_angle.atom\_site\_id\_2** (mm)  
 \_geom\_angle\_atom\_site\_label\_2 → **\_geom\_angle.atom\_site\_label\_2** (core)  
 \_geom\_angle\_atom\_site\_label\_3 → **\_geom\_angle.atom\_site\_id\_3** (mm)  
 \_geom\_angle\_atom\_site\_label\_3 → **\_geom\_angle.atom\_site\_label\_3** (core)  
 \_geom\_angle\_av → **\_geom\_angle.av** (ms)  
 \_geom\_angle\_max → **\_geom\_angle.max** (ms)  
 \_geom\_angle\_min → **\_geom\_angle.min** (ms)  
 \_geom\_angle\_publ\_flag → **\_geom\_angle.publ\_flag** (core, mm)  
 \_geom\_angle\_site\_ssg\_symmetry\_1 → **\_geom\_angle.site\_ssg\_symmetry\_1** (ms)  
 \_geom\_angle\_site\_ssg\_symmetry\_2 → **\_geom\_angle.site\_ssg\_symmetry\_2** (ms)  
 \_geom\_angle\_site\_ssg\_symmetry\_3 → **\_geom\_angle.site\_ssg\_symmetry\_3** (ms)  
 \_geom\_angle\_site\_symmetry\_1 → **\_geom\_angle.site\_symmetry\_1** (core, mm)  
 \_geom\_angle\_site\_symmetry\_2 → **\_geom\_angle.site\_symmetry\_2** (core, mm)  
 \_geom\_angle\_site\_symmetry\_3 → **\_geom\_angle.site\_symmetry\_3** (core, mm)  
 \_geom\_angle\_su → **\_geom\_angle.value\_su** (core, ms)  
 \_geom\_bond.atom\_site\_id\_1 → **\_geom\_bond.atom\_site\_label\_1** (core)  
 \_geom\_bond.atom\_site\_id\_2 → **\_geom\_bond.atom\_site\_label\_2** (core)  
 \_geom\_bond.dist → **\_geom\_bond.distance** (core, ms)  
 \_geom\_bond.dist\_esd → **\_geom\_bond.distance\_su** (core, ms)  
 \_geom\_bond.distance\_su → **\_geom\_bond.distance\_su** (ms)  
 \_geom\_bond\_atom\_site\_label\_1 → **\_geom\_bond.atom\_site\_id\_1** (mm)  
 \_geom\_bond\_atom\_site\_label\_1 → **\_geom\_bond.atom\_site\_label\_1** (core)  
 \_geom\_bond\_atom\_site\_label\_2 → **\_geom\_bond.atom\_site\_id\_2** (mm)  
 \_geom\_bond\_atom\_site\_label\_2 → **\_geom\_bond.atom\_site\_label\_2** (core)  
 \_geom\_bond\_distance → **\_geom\_bond.distance** (core, ms)  
 \_geom\_bond\_distance → **\_geom\_bond.dist** (mm)  
 \_geom\_bond\_distance\_av → **\_geom\_bond.distance\_av** (ms)  
 \_geom\_bond\_distance\_max → **\_geom\_bond.distance\_max** (ms)  
 \_geom\_bond\_distance\_min → **\_geom\_bond.distance\_min** (ms)  
 \_geom\_bond\_distance\_su → **\_geom\_bond.distance\_su** (core, ms)  
 \_geom\_bond\_multiplicity → **\_geom\_bond.multiplicity** (core)  
 \_geom\_bond\_publ\_flag → **\_geom\_bond.publ\_flag** (core, mm)  
 \_geom\_bond\_site\_ssg\_symmetry\_1 → **\_geom\_bond.site\_ssg\_symmetry\_1** (ms)

## DATA-NAME ALIASES

\_geom\_bond\_site\_ssg\_symmetry\_2 → **geom\_bond.site\_ssg\_symmetry\_2** (ms)  
 \_geom\_bond\_site\_symmetry\_1 → **geom\_bond.site\_symmetry\_1** (core, mm)  
 \_geom\_bond\_site\_symmetry\_2 → **geom\_bond.site\_symmetry\_2** (core, mm)  
 \_geom\_bond\_valence → **geom\_bond.valence** (core)  
 \_geom\_contact\_atom\_site\_id\_1 → **geom\_contact.atom\_site\_label\_1** (core)  
 \_geom\_contact\_atom\_site\_id\_2 → **geom\_contact.atom\_site\_label\_2** (core)  
 \_geom\_contact.dist → **geom\_contact.distance** (core, ms)  
 \_geom\_contact.dist\_esd → **geom\_contact.distance\_su** (core, ms)  
 \_geom\_contact.distance\_su → **geom\_contact.distance\_su** (ms)  
 \_geom\_contact\_atom\_site\_label\_1 → **geom\_contact.atom\_site\_id\_1** (mm)  
 \_geom\_contact\_atom\_site\_label\_1 → **geom\_contact.atom\_site\_label\_1** (core)  
 \_geom\_contact\_atom\_site\_label\_2 → **geom\_contact.atom\_site\_id\_2** (mm)  
 \_geom\_contact\_atom\_site\_label\_2 → **geom\_contact.atom\_site\_label\_2** (core)  
 \_geom\_contact\_distance → **geom\_contact.distance** (core, ms)  
 \_geom\_contact\_distance → **geom\_contact.dist** (mm)  
 \_geom\_contact\_distance\_av → **geom\_contact.distance\_av** (ms)  
 \_geom\_contact\_distance\_max → **geom\_contact.distance\_max** (ms)  
 \_geom\_contact\_distance\_min → **geom\_contact.distance\_min** (ms)  
 \_geom\_contact\_distance\_su → **geom\_contact.distance\_su** (core, ms)  
 \_geom\_contact\_publ\_flag → **geom\_contact.publ\_flag** (core, mm)  
 \_geom\_contact\_site\_ssg\_symmetry\_1 → **geom\_contact.site\_ssg\_symmetry\_1** (ms)  
 \_geom\_contact\_site\_ssg\_symmetry\_2 → **geom\_contact.site\_ssg\_symmetry\_2** (ms)  
 \_geom\_contact\_site\_symmetry\_1 → **geom\_contact.site\_symmetry\_1** (core, mm)  
 \_geom\_contact\_site\_symmetry\_2 → **geom\_contact.site\_symmetry\_2** (core, mm)  
 \_geom\_hbond\_angle\_DHA\_esd → **geom\_hbond.angle\_DHA\_su** (core)  
 \_geom\_hbond\_atom\_site\_id\_A → **geom\_hbond.atom\_site\_label\_A** (core)  
 \_geom\_hbond\_atom\_site\_id\_D → **geom\_hbond.atom\_site\_label\_D** (core)  
 \_geom\_hbond\_atom\_site\_id\_H → **geom\_hbond.atom\_site\_label\_H** (core)  
 \_geom\_hbond.dist\_DA → **geom\_hbond.distance\_DA** (core)  
 \_geom\_hbond.dist\_DA\_esd → **geom\_hbond.distance\_DA\_su** (core)  
 \_geom\_hbond.dist\_DH → **geom\_hbond.distance\_DH** (core)  
 \_geom\_hbond.dist\_DH\_esd → **geom\_hbond.distance\_DH\_su** (core)  
 \_geom\_hbond.dist\_HA → **geom\_hbond.distance\_HA** (core)  
 \_geom\_hbond.dist\_HA\_esd → **geom\_hbond.distance\_HA\_su** (core)  
 \_geom\_hbond\_angle\_DHA → **geom\_hbond.angle\_DHA** (core, mm)  
 \_geom\_hbond\_angle\_DHA\_su → **geom\_hbond.angle\_DHA\_su** (core)  
 \_geom\_hbond\_atom\_site\_label\_A → **geom\_hbond.atom\_site\_id\_A** (mm)  
 \_geom\_hbond\_atom\_site\_label\_A → **geom\_hbond.atom\_site\_label\_A** (core)  
 \_geom\_hbond\_atom\_site\_label\_D → **geom\_hbond.atom\_site\_id\_D** (mm)  
 \_geom\_hbond\_atom\_site\_label\_D → **geom\_hbond.atom\_site\_label\_D** (core)  
 \_geom\_hbond\_atom\_site\_label\_H → **geom\_hbond.atom\_site\_id\_H** (mm)  
 \_geom\_hbond\_atom\_site\_label\_H → **geom\_hbond.atom\_site\_label\_H** (core)  
 \_geom\_hbond\_distance\_DA → **geom\_hbond.dist\_DA** (mm)  
 \_geom\_hbond\_distance\_DA → **geom\_hbond.distance\_DA** (core)  
 \_geom\_hbond\_distance\_DA\_su → **geom\_hbond.distance\_DA\_su** (core)  
 \_geom\_hbond\_distance\_DH → **geom\_hbond.dist\_DH** (mm)  
 \_geom\_hbond\_distance\_DH → **geom\_hbond.distance\_DH** (core)  
 \_geom\_hbond\_distance\_DH\_su → **geom\_hbond.distance\_DH\_su** (core)  
 \_geom\_hbond\_distance\_HA → **geom\_hbond.dist\_HA** (mm)  
 \_geom\_hbond\_distance\_HA → **geom\_hbond.distance\_HA** (core)  
 \_geom\_hbond\_distance\_HA\_su → **geom\_hbond.distance\_HA\_su** (core)  
 \_geom\_hbond\_publ\_flag → **geom\_hbond.publ\_flag** (core, mm)  
 \_geom\_hbond\_site\_symmetry\_A → **geom\_hbond.site\_symmetry\_A** (core, mm)  
 \_geom\_hbond\_site\_symmetry\_D → **geom\_hbond.site\_symmetry\_D** (core, mm)  
 \_geom\_hbond\_site\_symmetry\_H → **geom\_hbond.site\_symmetry\_H** (core, mm)  
 \_geom\_special\_details → **geom.details** (mm)  
 \_geom\_special\_details → **geom.special\_details** (core)  
 \_geom\_torsion → **geom\_torsion.angle** (core, ms)  
 \_geom\_torsion → **geom\_torsion.value** (mm)  
 \_geom\_torsion.angle\_su → **geom\_torsion.angle\_su** (ms)  
 \_geom\_torsion\_atom\_site\_id\_1 → **geom\_torsion.atom\_site\_label\_1** (core)  
 \_geom\_torsion\_atom\_site\_id\_2 → **geom\_torsion.atom\_site\_label\_2** (core)  
 \_geom\_torsion\_atom\_site\_id\_3 → **geom\_torsion.atom\_site\_label\_3** (core)  
 \_geom\_torsion\_atom\_site\_id\_4 → **geom\_torsion.atom\_site\_label\_4** (core)  
 \_geom\_torsion.value → **geom\_torsion.angle** (core, ms)  
 \_geom\_torsion.value\_esd → **geom\_torsion.angle\_su** (core, ms)  
 \_geom\_torsion\_atom\_site\_label\_1 → **geom\_torsion.atom\_site\_id\_1** (mm)  
 \_geom\_torsion\_atom\_site\_label\_1 → **geom\_torsion.atom\_site\_label\_1** (core)  
 \_geom\_torsion\_atom\_site\_label\_2 → **geom\_torsion.atom\_site\_id\_2** (mm)  
 \_geom\_torsion\_atom\_site\_label\_2 → **geom\_torsion.atom\_site\_label\_2** (core)  
 \_geom\_torsion\_atom\_site\_label\_3 → **geom\_torsion.atom\_site\_id\_3** (mm)  
 \_geom\_torsion\_atom\_site\_label\_3 → **geom\_torsion.atom\_site\_label\_3** (core)  
 \_geom\_torsion\_atom\_site\_label\_4 → **geom\_torsion.atom\_site\_id\_4** (mm)  
 \_geom\_torsion\_atom\_site\_label\_4 → **geom\_torsion.atom\_site\_label\_4** (core)  
 \_geom\_torsion\_av → **geom\_torsion.av** (ms)  
 \_geom\_torsion\_max → **geom\_torsion.max** (ms)  
 \_geom\_torsion\_min → **geom\_torsion.min** (ms)  
 \_geom\_torsion\_publ\_flag → **geom\_torsion.publ\_flag** (core, mm)  
 \_geom\_torsion\_site\_ssg\_symmetry\_1 → **geom\_torsion.site\_ssg\_symmetry\_1** (ms)  
 \_geom\_torsion\_site\_ssg\_symmetry\_2 → **geom\_torsion.site\_ssg\_symmetry\_2** (ms)  
 \_geom\_torsion\_site\_ssg\_symmetry\_3 → **geom\_torsion.site\_ssg\_symmetry\_3** (ms)  
 \_geom\_torsion\_site\_ssg\_symmetry\_4 → **geom\_torsion.site\_ssg\_symmetry\_4** (ms)  
 \_geom\_torsion\_site\_symmetry\_1 → **geom\_torsion.site\_symmetry\_1** (core, mm)  
 \_geom\_torsion\_site\_symmetry\_2 → **geom\_torsion.site\_symmetry\_2** (core, mm)  
 \_geom\_torsion\_site\_symmetry\_3 → **geom\_torsion.site\_symmetry\_3** (core, mm)  
 \_geom\_torsion\_site\_symmetry\_4 → **geom\_torsion.site\_symmetry\_4** (core, mm)  
 \_geom\_torsion\_su → **geom\_torsion.angle\_su** (core, ms)  
 \_journal\_coeditor\_address → **journal\_coeditor.address** (core)  
 \_journal\_coeditor\_code → **journal\_coeditor.code** (core)  
 \_journal\_coeditor\_email → **journal\_coeditor.email** (core)  
 \_journal\_coeditor\_fax → **journal\_coeditor.fax** (core)  
 \_journal\_coeditor\_name → **journal\_coeditor.name** (core)  
 \_journal\_coeditor\_notes → **journal\_coeditor.notes** (core)  
 \_journal\_coeditor\_phone → **journal\_coeditor.phone** (core)  
 \_journal\_data\_validation\_number → **journal.validation\_number** (core)  
 \_journal.date\_accepted → **journal.date.accepted** (core)  
 \_journal.date\_from\_coeditor → **journal.date.from\_coeditor** (core)  
 \_journal.date\_printers\_final → **journal.date.printers\_final** (core)  
 \_journal.date\_printers\_first → **journal.date.printers\_first** (core)  
 \_journal.date\_proofs\_in → **journal.date.proofs\_in** (core)  
 \_journal.date\_proofs\_out → **journal.date.proofs\_out** (core)  
 \_journal.date\_recd\_copyright → **journal.date.recd\_copyright** (core)  
 \_journal.date\_recd\_electronic → **journal.date.recd\_electronic** (core)  
 \_journal.date\_recd\_hard\_copy → **journal.date.recd\_hard\_copy** (core)  
 \_journal.date\_to\_coeditor → **journal.date.to\_coeditor** (core)  
 \_journal\_techeditor\_address → **journal\_techeditor.address** (core)  
 \_journal\_techeditor\_code → **journal\_techeditor.code** (core)  
 \_journal\_techeditor\_email → **journal\_techeditor.email** (core)  
 \_journal\_techeditor\_fax → **journal\_techeditor.fax** (core)  
 \_journal\_techeditor\_name → **journal\_techeditor.name** (core)  
 \_journal\_techeditor\_notes → **journal\_techeditor.notes** (core)  
 \_journal\_techeditor\_phone → **journal\_techeditor.phone** (core)  
 \_journal\_coden\_ASTM → **journal.coden\_ASTM** (core, mm)  
 \_journal\_coden\_Cambridge → **journal.coden\_Cambridge** (core, mm)  
 \_journal\_coeditor\_address → **journal.coeditor.address** (mm)  
 \_journal\_coeditor\_address → **journal.coeditor.address** (core)  
 \_journal\_coeditor\_code → **journal.coeditor.code** (mm)  
 \_journal\_coeditor\_code → **journal.coeditor.code** (core)  
 \_journal\_coeditor\_email → **journal.coeditor\_email** (mm)  
 \_journal\_coeditor\_email → **journal.coeditor\_email** (core)  
 \_journal\_coeditor\_fax → **journal.coeditor\_fax** (mm)  
 \_journal\_coeditor\_fax → **journal.coeditor.fax** (core)  
 \_journal\_coeditor\_name → **journal.coeditor\_name** (mm)  
 \_journal\_coeditor\_name → **journal.coeditor.name** (core)  
 \_journal\_coeditor\_notes → **journal.coeditor\_notes** (mm)  
 \_journal\_coeditor\_notes → **journal.coeditor.notes** (core)  
 \_journal\_coeditor\_phone → **journal.coeditor\_phone** (mm)  
 \_journal\_coeditor\_phone → **journal.coeditor.phone** (core)  
 \_journal\_data\_validation\_number → **journal.data\_validation\_number** (mm)  
 \_journal\_data\_validation\_number → **journal.validation\_number** (core)  
 \_journal\_date\_accepted → **journal.date\_accepted** (mm)  
 \_journal\_date\_accepted → **journal.date.accepted** (core)

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\_journal\_date\_from\_coeditor → **journal.date\_from\_coeditor** (mm)  
 \_journal\_date\_from\_coeditor → **journal.date.from\_coeditor** (core)  
 \_journal\_date\_printers\_final → **journal.date\_printers\_final** (mm)  
 \_journal\_date\_printers\_final → **journal.date.printers\_final** (core)  
 \_journal\_date\_printers\_first → **journal.date\_printers\_first** (mm)  
 \_journal\_date\_printers\_first → **journal.date.printers\_first** (core)  
 \_journal\_date\_proofs\_in → **journal.date.proofs\_in** (mm)  
 \_journal\_date\_proofs\_in → **journal.date.proofs\_in** (core)  
 \_journal\_date\_proofs\_out → **journal.date\_proofs\_out** (mm)  
 \_journal\_date\_proofs\_out → **journal.date.proofs\_out** (core)  
 \_journal\_date\_recd\_copyright → **journal.date\_recd\_copyright** (mm)  
 \_journal\_date\_recd\_copyright → **journal.date.recd\_copyright** (core)  
 \_journal\_date\_recd\_electronic → **journal.date\_recd\_electronic** (mm)  
 \_journal\_date\_recd\_electronic → **journal.date.recd\_electronic** (core)  
 \_journal\_date\_recd\_hard\_copy → **journal.date\_recd\_hard\_copy** (mm)  
 \_journal\_date\_recd\_hard\_copy → **journal.date.recd\_hard\_copy** (core)  
 \_journal\_date\_to\_coeditor → **journal.date\_to\_coeditor** (mm)  
 \_journal\_date\_to\_coeditor → **journal.date.to\_coeditor** (core)  
 \_journal\_index\_subterm → **journal.index.subterm** (core, mm)  
 \_journal\_index\_term → **journal.index.term** (core, mm)  
 \_journal\_index\_type → **journal.index.type** (core, mm)  
 \_journal\_issue → **journal.issue** (core, mm)  
 \_journal\_language → **journal.language** (core, mm)  
 \_journal\_name\_full → **journal.name\_full** (core, mm)  
 \_journal\_page\_first → **journal.page\_first** (core, mm)  
 \_journal\_page\_last → **journal.page\_last** (core, mm)  
 \_journal\_paper\_DOI → **journal.paper\_DOI** (core)  
 \_journal\_paper\_category → **journal.paper\_category** (core, mm)  
 \_journal\_suppl\_publ\_number → **journal.suppl\_publ\_number** (core, mm)  
 \_journal\_suppl\_publ\_pages → **journal.suppl\_publ\_pages** (core, mm)  
 \_journal\_techeditor\_address → **journal.techeditor\_address** (mm)  
 \_journal\_techeditor\_address → **journal.techeditor.address** (core)  
 \_journal\_techeditor\_code → **journal.techeditor\_code** (mm)  
 \_journal\_techeditor\_code → **journal.techeditor.code** (core)  
 \_journal\_techeditor\_email → **journal.techeditor\_email** (mm)  
 \_journal\_techeditor\_email → **journal.techeditor.email** (core)  
 \_journal\_techeditor\_fax → **journal.techeditor\_fax** (mm)  
 \_journal\_techeditor\_fax → **journal.techeditor.fax** (core)  
 \_journal\_techeditor\_name → **journal.techeditor\_name** (mm)  
 \_journal\_techeditor\_name → **journal.techeditor.name** (core)  
 \_journal\_techeditor\_notes → **journal.techeditor\_notes** (mm)  
 \_journal\_techeditor\_notes → **journal.techeditor.notes** (core)  
 \_journal\_techeditor\_phone → **journal.techeditor\_phone** (mm)  
 \_journal\_techeditor\_phone → **journal.techeditor.phone** (core)  
 \_journal\_volume → **journal.volume** (core, mm)  
 \_journal\_year → **journal.year** (core, mm)  
 \_pd\_block\_diffraction\_id → **pd\_block\_diffraction.id** (pd)  
 \_pd\_block\_id → **pd\_block.id** (pd)  
 \_pd\_calc\_intensity\_net → **pd\_calc.intensity\_net** (pd)  
 \_pd\_calc\_intensity\_total → **pd\_calc.intensity\_total** (pd)  
 \_pd\_calc\_method → **pd\_calc.method** (pd)  
 \_pd\_calc\_point\_id → **pd\_calc.point\_id** (pd)  
 \_pd\_calib\_2theta\_off\_max → **pd\_calib.2theta\_off\_max** (pd)  
 \_pd\_calib\_2theta\_off\_min → **pd\_calib.2theta\_off\_min** (pd)  
 \_pd\_calib\_2theta\_off\_point → **pd\_calib.2theta\_off\_point** (pd)  
 \_pd\_calib\_2theta\_offset → **pd\_calib.2theta\_offset** (pd)  
 \_pd\_calib\_detector\_id → **pd\_calib.detector\_id** (pd)  
 \_pd\_calib\_detector\_response → **pd\_calib.detector\_response** (pd)  
 \_pd\_calib\_std\_external\_block\_id → **pd\_calib\_std.external\_block\_id** (pd)  
 \_pd\_calib\_std\_external\_name → **pd\_calib\_std.external\_name** (pd)  
 \_pd\_calib\_std\_internal\_mass\_% → **pd\_qpa\_internal\_std.mass\_percent** (pd)  
 \_pd\_calib\_std\_internal\_name → **pd\_calib\_std.internal\_name** (pd)  
 \_pd\_calibration\_conversion\_eqn → **pd\_calibration.conversion\_eqn** (pd)  
 \_pd\_calibration\_special\_details → **pd\_calibration.special\_details** (pd)  
 \_pd\_char\_atten\_coef\_mu\_calc → **pd\_char.atten\_coef\_mu\_calc** (pd)  
 \_pd\_char\_atten\_coef\_mu\_obs → **pd\_char.atten\_coef\_mu\_obs** (pd)  
 \_pd\_char\_colour → **pd\_char.colour** (pd)  
 \_pd\_char\_particle\_morphology → **pd\_char.particle\_morphology** (pd)  
 \_pd\_char\_special\_details → **pd\_char.special\_details** (pd)  
 \_pd\_data\_point\_id → **pd\_data.point\_id** (pd)  
 \_pd\_instr\_2theta\_monochr\_post → **pd\_instr.2theta\_monochr\_post** (pd)  
 \_pd\_instr\_2theta\_monochr\_pre → **pd\_instr.2theta\_monochr\_pre** (pd)  
 \_pd\_instr\_beam\_size\_ax → **pd\_instr.beam\_size\_ax** (pd)  
 \_pd\_instr\_beam\_size\_eq → **pd\_instr.beam\_size\_eq** (pd)  
 \_pd\_instr\_cons\_illum\_flag → **pd\_instr.cons\_illum\_flag** (pd)  
 \_pd\_instr\_cons\_illum\_len → **pd\_instr.cons\_illum\_len** (pd)  
 \_pd\_instr\_dist\_anal/detc → **pd\_instr.dist\_anal\_detc** (pd)  
 \_pd\_instr\_dist\_mono/spec → **pd\_instr.dist\_mono\_spec** (pd)  
 \_pd\_instr\_dist\_spec/anal → **pd\_instr.dist\_spec\_anal** (pd)  
 \_pd\_instr\_dist\_spec/detc → **pd\_instr.dist\_spec\_detc** (pd)  
 \_pd\_instr\_dist\_src/mono → **pd\_instr.dist\_src\_mono** (pd)  
 \_pd\_instr\_dist\_src/spec → **pd\_instr.dist\_src\_spec** (pd)  
 \_pd\_instr\_divg\_ax\_anal/detc → **pd\_instr.divg\_ax\_anal\_detc** (pd)  
 \_pd\_instr\_divg\_ax\_mono/spec → **pd\_instr.divg\_ax\_mono\_spec** (pd)  
 \_pd\_instr\_divg\_ax\_spec/anal → **pd\_instr.divg\_ax\_spec\_anal** (pd)  
 \_pd\_instr\_divg\_ax\_spec/detc → **pd\_instr.divg\_ax\_spec\_detc** (pd)  
 \_pd\_instr\_divg\_ax\_src/mono → **pd\_instr.divg\_ax\_src\_mono** (pd)  
 \_pd\_instr\_divg\_ax\_src/spec → **pd\_instr.divg\_ax\_src\_spec** (pd)  
 \_pd\_instr\_divg\_eq\_anal/detc → **pd\_instr.divg\_eq\_anal\_detc** (pd)  
 \_pd\_instr\_divg\_eq\_mono/spec → **pd\_instr.divg\_eq\_mono\_spec** (pd)  
 \_pd\_instr\_divg\_eq\_spec/anal → **pd\_instr.divg\_eq\_spec\_anal** (pd)  
 \_pd\_instr\_divg\_eq\_spec/detc → **pd\_instr.divg\_eq\_spec\_detc** (pd)  
 \_pd\_instr\_divg\_eq\_src/mono → **pd\_instr.divg\_eq\_src\_mono** (pd)  
 \_pd\_instr\_divg\_eq\_src/spec → **pd\_instr.divg\_eq\_src\_spec** (pd)  
 \_pd\_instr\_geometry → **pd\_instr.geometry** (pd)  
 \_pd\_instr\_location → **pd\_instr.location** (pd)  
 \_pd\_instr\_monochr\_post\_spec → **pd\_instr.monochr\_post\_spec** (pd)  
 \_pd\_instr\_monochr\_pre\_spec → **pd\_instr.monochr\_pre\_spec** (pd)  
 \_pd\_instr\_slit\_ax\_anal/detc → **pd\_instr.slit\_ax\_anal\_detc** (pd)  
 \_pd\_instr\_slit\_ax\_mono/spec → **pd\_instr.slit\_ax\_mono\_spec** (pd)  
 \_pd\_instr\_slit\_ax\_spec/anal → **pd\_instr.slit\_ax\_spec\_anal** (pd)  
 \_pd\_instr\_slit\_ax\_spec/detc → **pd\_instr.slit\_ax\_spec\_detc** (pd)  
 \_pd\_instr\_slit\_ax\_src/mono → **pd\_instr.slit\_ax\_src\_mono** (pd)  
 \_pd\_instr\_slit\_ax\_src/spec → **pd\_instr.slit\_ax\_src\_spec** (pd)  
 \_pd\_instr\_slit\_eq\_anal/detc → **pd\_instr.slit\_eq\_anal\_detc** (pd)  
 \_pd\_instr\_slit\_eq\_mono/spec → **pd\_instr.slit\_eq\_mono\_spec** (pd)  
 \_pd\_instr\_slit\_eq\_spec/anal → **pd\_instr.slit\_eq\_spec\_anal** (pd)  
 \_pd\_instr\_slit\_eq\_spec/detc → **pd\_instr.slit\_eq\_spec\_detc** (pd)  
 \_pd\_instr\_slit\_eq\_src/mono → **pd\_instr.slit\_eq\_src\_mono** (pd)  
 \_pd\_instr\_slit\_eq\_src/spec → **pd\_instr.slit\_eq\_src\_spec** (pd)  
 \_pd\_instr\_soller\_ax\_anal/detc → **pd\_instr.soller\_ax\_anal\_detc** (pd)  
 \_pd\_instr\_soller\_ax\_mono/spec → **pd\_instr.soller\_ax\_mono\_spec** (pd)  
 \_pd\_instr\_soller\_ax\_spec/anal → **pd\_instr.soller\_ax\_spec\_anal** (pd)  
 \_pd\_instr\_soller\_ax\_spec/detc → **pd\_instr.soller\_ax\_spec\_detc** (pd)  
 \_pd\_instr\_soller\_ax\_src/mono → **pd\_instr.soller\_ax\_src\_mono** (pd)  
 \_pd\_instr\_soller\_ax\_src/spec → **pd\_instr.soller\_ax\_src\_spec** (pd)  
 \_pd\_instr\_soller\_eq\_anal/detc → **pd\_instr.soller\_eq\_anal\_detc** (pd)  
 \_pd\_instr\_soller\_eq\_mono/spec → **pd\_instr.soller\_eq\_mono\_spec** (pd)  
 \_pd\_instr\_soller\_eq\_spec/anal → **pd\_instr.soller\_eq\_spec\_anal** (pd)  
 \_pd\_instr\_soller\_eq\_spec/detc → **pd\_instr.soller\_eq\_spec\_detc** (pd)  
 \_pd\_instr\_soller\_eq\_src/mono → **pd\_instr.soller\_eq\_src\_mono** (pd)  
 \_pd\_instr\_soller\_eq\_src/spec → **pd\_instr.soller\_eq\_src\_spec** (pd)  
 \_pd\_instr\_source\_size\_ax → **pd\_instr.source\_size\_ax** (pd)  
 \_pd\_instr\_source\_size\_eq → **pd\_instr.source\_size\_eq** (pd)  
 \_pd\_instr\_special\_details → **pd\_instr.special\_details** (pd)  
 \_pd\_instr\_var\_illum\_len → **pd\_instr.var\_illum\_len** (pd)  
 \_pd\_meas\_2theta\_fixed → **pd\_meas.2theta\_fixed** (pd)  
 \_pd\_meas\_2theta\_range\_inc → **pd\_meas.2theta\_range\_inc** (pd)  
 \_pd\_meas\_2theta\_range\_max → **pd\_meas.2theta\_range\_max** (pd)  
 \_pd\_meas\_2theta\_range\_min → **pd\_meas.2theta\_range\_min** (pd)  
 \_pd\_meas\_2theta\_scan → **pd\_meas.2theta\_scan** (pd)  
 \_pd\_meas\_angle\_2theta → **pd\_meas.2theta\_scan** (pd)  
 \_pd\_meas\_angle\_chi → **pd\_meas.angle\_chi** (pd)  
 \_pd\_meas\_angle\_omega → **pd\_meas.angle\_omega** (pd)  
 \_pd\_meas\_angle\_phi → **pd\_meas.angle\_phi** (pd)  
 \_pd\_meas\_counts\_background → **pd\_meas.counts\_background** (pd)  
 \_pd\_meas\_counts\_container → **pd\_meas.counts\_container** (pd)  
 \_pd\_meas\_counts\_monitor → **pd\_meas.counts\_monitor** (pd)  
 \_pd\_meas\_counts\_total → **pd\_meas.counts\_total** (pd)  
 \_pd\_meas\_datetime\_initiated → **pd\_meas.datetime\_initiated** (pd)  
 \_pd\_meas\_detector\_id → **pd\_meas.detector\_id** (pd)  
 \_pd\_meas\_info\_author\_address → **pd\_meas\_info.author.address** (pd)  
 \_pd\_meas\_info\_author\_email → **pd\_meas\_info.author.email** (pd)  
 \_pd\_meas\_info\_author\_fax → **pd\_meas\_info.author.fax** (pd)  
 \_pd\_meas\_info\_author\_name → **pd\_meas\_info.author.name** (pd)  
 \_pd\_meas\_info\_author\_phone → **pd\_meas\_info.author.phone** (pd)  
 \_pd\_meas\_intensity\_background → **pd\_meas.intensity\_background** (pd)  
 \_pd\_meas\_intensity\_container → **pd\_meas.intensity\_container** (pd)  
 \_pd\_meas\_intensity\_monitor → **pd\_meas.intensity\_monitor** (pd)  
 \_pd\_meas\_intensity\_total → **pd\_meas.intensity\_total** (pd)  
 \_pd\_meas\_number\_of\_points → **pd\_meas.number\_of\_points** (pd)  
 \_pd\_meas\_point\_id → **pd\_meas.point\_id** (pd)  
 \_pd\_meas\_position → **pd\_meas.position** (pd)  
 \_pd\_meas\_rocking\_angle → **pd\_meas.rocking\_angle** (pd)  
 \_pd\_meas\_rocking\_axis → **pd\_meas.rocking\_axis** (pd)  
 \_pd\_meas\_scan\_method → **pd\_meas.scan\_method** (pd)  
 \_pd\_meas\_special\_details → **pd\_meas.special\_details** (pd)

## DATA-NAME ALIASES

\_pd\_meas\_step\_count\_time → **\_pd\_meas.step\_count\_time** (pd)  
 \_pd\_meas\_time\_of\_flight → **\_pd\_meas.time\_of\_flight** (pd)  
 \_pd\_meas\_units\_of\_intensity → **\_pd\_meas.units\_of\_intensity** (pd)  
 \_pd\_peak\_2theta\_centroid → **\_pd\_peak.2theta\_centroid** (pd)  
 \_pd\_peak\_2theta\_maximum → **\_pd\_peak.2theta\_maximum** (pd)  
 \_pd\_peak\_d\_spacing → **\_pd\_peak.d\_spacing** (pd)  
 \_pd\_peak\_id → **\_pd\_peak.id** (pd)  
 \_pd\_peak\_intensity → **\_pd\_peak.intensity** (pd)  
 \_pd\_peak\_pk\_height → **\_pd\_peak.pk\_height** (pd)  
 \_pd\_peak\_special\_details → **\_pd\_peak.special\_details** (pd)  
 \_pd\_peak\_wavelength\_id → **\_pd\_peak.wavelength\_id** (pd)  
 \_pd\_peak\_width\_2theta → **\_pd\_peak.width\_2theta** (pd)  
 \_pd\_peak\_width\_d\_spacing → **\_pd\_peak.width\_d\_spacing** (pd)  
 \_pd\_phase\_block\_id → **\_pd\_phase.block.id** (pd)  
 \_pd\_phase\_id → **\_pd\_phase.block.phase\_id** (pd)  
 \_pd\_phase\_mass\_% → **\_pd\_phase.mass.percent** (pd)  
 \_pd\_phase\_name → **\_pd\_phase.name** (pd)  
 \_pd\_prep\_conditions → **\_pd\_prep.conditions** (pd)  
 \_pd\_prep\_cool\_rate → **\_pd\_prep.cool\_rate** (pd)  
 \_pd\_prep\_pressure → **\_pd\_prep.pressure** (pd)  
 \_pd\_prep\_temperature → **\_pd\_prep.temperature** (pd)  
 \_pd\_proc\_2theta\_corrected → **\_pd\_proc.2theta\_corrected** (pd)  
 \_pd\_proc\_2theta\_range\_inc → **\_pd\_proc.2theta\_range\_inc** (pd)  
 \_pd\_proc\_2theta\_range\_max → **\_pd\_proc.2theta\_range\_max** (pd)  
 \_pd\_proc\_2theta\_range\_min → **\_pd\_proc.2theta\_range\_min** (pd)  
 \_pd\_proc\_d\_spacing → **\_pd\_proc.d\_spacing** (pd)  
 \_pd\_proc\_energy\_detection → **\_pd\_proc.energy\_detection** (pd)  
 \_pd\_proc\_energy\_incident → **\_pd\_proc.energy\_incident** (pd)  
 \_pd\_proc\_info\_author\_address → **\_pd\_proc.info\_author.address** (pd)  
 \_pd\_proc\_info\_author\_email → **\_pd\_proc.info\_author.email** (pd)  
 \_pd\_proc\_info\_author\_fax → **\_pd\_proc.info\_author.fax** (pd)  
 \_pd\_proc\_info\_author\_name → **\_pd\_proc.info\_author.name** (pd)  
 \_pd\_proc\_info\_author\_phone → **\_pd\_proc.info\_author.phone** (pd)  
 \_pd\_proc\_info\_data\_reduction → **\_pd\_proc.info\_data\_reduction** (pd)  
 \_pd\_proc\_info\_datetime → **\_pd\_proc.info\_datetime** (pd)  
 \_pd\_proc\_info\_excluded\_regions → **\_pd\_proc.info\_excluded\_regions** (pd)  
 \_pd\_proc\_info\_special\_details → **\_pd\_proc.info\_special\_details** (pd)  
 \_pd\_proc\_intensity\_bkg\_calc → **\_pd\_proc.intensity\_bkg\_calc** (pd)  
 \_pd\_proc\_intensity\_bkg\_fix → **\_pd\_proc.intensity\_bkg\_fix** (pd)  
 \_pd\_proc\_intensity\_incident → **\_pd\_proc.intensity\_incident** (pd)  
 \_pd\_proc\_intensity\_net → **\_pd\_proc.intensity\_net** (pd)  
 \_pd\_proc\_intensity\_norm → **\_pd\_proc.intensity\_norm** (pd)  
 \_pd\_proc\_intensity\_total → **\_pd\_proc.intensity\_total** (pd)  
 \_pd\_proc\_ls\_background\_function → **\_pd\_proc.ls.background\_function** (pd)  
 \_pd\_proc\_ls\_peak\_cutoff → **\_pd\_proc.ls.peak\_cutoff** (pd)  
 \_pd\_proc\_ls\_pref\_orient\_corr → **\_pd\_proc.ls.pref\_orient\_corr** (pd)  
 \_pd\_proc\_ls\_prof\_R\_factor → **\_pd\_proc.ls.prof\_R\_factor** (pd)  
 \_pd\_proc\_ls\_prof\_wR\_expected → **\_pd\_proc.ls.prof\_wR\_expected** (pd)  
 \_pd\_proc\_ls\_prof\_wR\_factor → **\_pd\_proc.ls.prof\_wR\_factor** (pd)  
 \_pd\_proc\_ls\_profile\_function → **\_pd\_proc.ls.profile\_function** (pd)  
 \_pd\_proc\_ls\_special\_details → **\_pd\_proc.ls.special\_details** (pd)  
 \_pd\_proc\_ls\_weight → **\_pd\_proc.ls.weight** (pd)  
 \_pd\_proc\_number\_of\_points → **\_pd\_proc.number\_of\_points** (pd)  
 \_pd\_proc\_point\_id → **\_pd\_proc.point\_id** (pd)  
 \_pd\_proc\_recip\_len\_Q → **\_pd\_proc.recip\_len\_Q** (pd)  
 \_pd\_proc\_wavelength → **\_pd\_proc.wavelength** (pd)  
 \_pd\_refl.wavelength\_id → **\_refln.wavelength\_id** (pd)  
 \_pd\_refl\_peak\_id → **\_pd\_refl.peak\_id** (pd)  
 \_pd\_refl\_phase\_id → **\_pd\_refl.phase\_id** (pd)  
 \_pd\_refl\_wavelength\_id → **\_refln.wavelength\_id** (pd)  
 \_pd\_spec\_description → **\_pd\_spec.description** (pd)  
 \_pd\_spec\_mount\_mode → **\_pd\_spec.mount\_mode** (pd)  
 \_pd\_spec\_mounting → **\_pd\_spec.mounting** (pd)  
 \_pd\_spec\_orientation → **\_pd\_spec.orientation** (pd)  
 \_pd\_spec\_preparation → **\_pd\_spec.preparation** (pd)  
 \_pd\_spec\_shape → **\_pd\_spec.shape** (pd)  
 \_pd\_spec\_size\_axial → **\_pd\_spec.size\_axial** (pd)  
 \_pd\_spec\_size\_equat → **\_pd\_spec.size\_equat** (pd)  
 \_pd\_spec\_size\_thick → **\_pd\_spec.size\_thick** (pd)  
 \_pd\_spec\_special\_details → **\_pd\_spec.special\_details** (pd)  
 \_phasing\_MIR.ebi\_d\_res\_high → **\_phasing\_MIR.d\_res\_high** (mm)  
 \_phasing\_MIR.ebi\_d\_res\_low → **\_phasing\_MIR.d\_res\_low** (mm)  
 \_phasing\_MIR.ebi\_fom → **\_phasing\_MIR.fom** (mm)  
 \_phasing\_MIR.ebi\_fom\_acentric → **\_phasing\_MIR.fom\_acentric** (mm)  
 \_phasing\_MIR.ebi\_fom\_centric → **\_phasing\_MIR.fom\_centric** (mm)  
 \_phasing\_MIR.ebi\_reflns → **\_phasing\_MIR.reflns** (mm)  
 \_phasing\_MIR.ebi\_reflns\_acentric → **\_phasing\_MIR.reflns\_acentric** (mm)  
 \_phasing\_MIR.ebi\_reflns\_centric → **\_phasing\_MIR.reflns\_centric** (mm)  
 \_phasing\_MIR.ebi\_reflns\_criteria → **\_phasing\_MIR.reflns\_criterion** (mm)  
 \_phasing\_MIR\_der.ebi\_Rcullis\_acentric → **\_phasing\_MIR\_der.R\_cullis\_acentric** (mm)  
 \_phasing\_MIR\_der.ebi\_Rcullis\_anomalous → **\_phasing\_MIR\_der.R\_cullis\_anomalous** (mm)  
 \_phasing\_MIR\_der.ebi\_Rcullis\_centric → **\_phasing\_MIR\_der.R\_cullis\_centric** (mm)  
 \_phasing\_MIR\_der.ebi\_power\_acentric → **\_phasing\_MIR\_der.power\_acentric** (mm)  
 \_phasing\_MIR\_der.ebi\_power\_centric → **\_phasing\_MIR\_der.power\_centric** (mm)  
 \_phasing\_MIR\_der.ebi\_reflns\_acentric → **\_phasing\_MIR\_der.reflns\_acentric** (mm)  
 \_phasing\_MIR\_der.ebi\_reflns\_anomalous → **\_phasing\_MIR\_der.reflns\_anomalous** (mm)  
 \_phasing\_MIR\_der.ebi\_reflns\_centric → **\_phasing\_MIR\_der.reflns\_centric** (mm)  
 \_phasing\_MIR\_der\_site.ebi\_occupancy\_anom → **\_phasing\_MIR\_der\_site.occupancy\_anom** (mm)  
 \_phasing\_MIR\_der\_site.ebi\_occupancy\_anom\_esd → **\_phasing\_MIR\_der\_site.occupancy\_anom\_su** (mm)  
 \_phasing\_MIR\_der\_site.ebi\_occupancy\_iso → **\_phasing\_MIR\_der\_site.occupancy\_iso** (mm)  
 \_phasing\_MIR\_der\_site.ebi\_occupancy\_iso\_esd → **\_phasing\_MIR\_der\_site.occupancy\_iso\_su** (mm)  
 \_phasing\_MIR\_shell.ebi\_fom\_acentric → **\_phasing\_MIR\_shell.fom\_acentric** (mm)  
 \_phasing\_MIR\_shell.ebi\_fom\_centric → **\_phasing\_MIR\_shell.fom\_centric** (mm)  
 \_phasing\_MIR\_shell.ebi\_reflns\_acentric → **\_phasing\_MIR\_shell.reflns\_acentric** (mm)  
 \_phasing\_MIR\_shell.ebi\_reflns\_centric → **\_phasing\_MIR\_shell.reflns\_centric** (mm)  
 \_publ.contact\_author → **\_publ.contact\_author.contact\_details** (core)  
 \_publ.contact\_author\_address → **\_publ.contact\_author.address** (core)  
 \_publ.contact\_author\_email → **\_publ.contact\_author.email** (core)  
 \_publ.contact\_author\_fax → **\_publ.contact\_author.fax** (core)  
 \_publ.contact\_author\_name → **\_publ.contact\_author.name** (core)  
 \_publ.contact\_author\_phone → **\_publ.contact\_author.phone** (core)  
 \_publ.manuscript\_creation → **\_publ.manuscript.creation** (core)  
 \_publ.manuscript\_processed → **\_publ.manuscript.processed** (core)  
 \_publ.manuscript\_text → **\_publ.manuscript.text** (core)  
 \_publ.requested\_category → **\_publ.requested.category** (core)  
 \_publ.requested\_coeditor\_name → **\_publ.requested.coeditor\_name** (core)  
 \_publ.requested\_journal → **\_publ.requested.journal** (core)  
 \_publ.section\_abstract → **\_publ.section.abstract** (core)  
 \_publ.section\_acknowledgements → **\_publ.section.acknowledgements** (core)  
 \_publ.section\_comment → **\_publ.section.comment** (core)  
 \_publ.section\_discussion → **\_publ.section.discussion** (core)  
 \_publ.section\_experimental → **\_publ.section.experimental** (core)  
 \_publ.section\_exptl\_prep → **\_publ.section.exptl\_prep** (core)  
 \_publ.section\_exptl\_refinement → **\_publ.section.exptl\_refinement** (core)  
 \_publ.section\_exptl\_solution → **\_publ.section.exptl\_solution** (core)  
 \_publ.section\_figure\_captions → **\_publ.section.figure\_captions** (core)  
 \_publ.section\_introduction → **\_publ.section.introduction** (core)  
 \_publ.section\_keywords → **\_publ.section.keywords** (core)  
 \_publ.section\_references → **\_publ.section.references** (core)  
 \_publ.section\_related\_literature → **\_publ.section.related\_literature** (core)  
 \_publ.section\_synopsis → **\_publ.section.synopsis** (core)  
 \_publ.section\_table\_legends → **\_publ.section.table\_legends** (core)  
 \_publ.section\_title → **\_publ.section.title** (core)  
 \_publ.section\_title\_footnote → **\_publ.section.title\_footnote** (core)  
 \_publ.author\_address → **\_publ.author.address** (core, mm)  
 \_publ.author\_email → **\_publ.author.email** (core)  
 \_publ.author\_footnote → **\_publ.author.footnote** (core, mm)  
 \_publ.author\_id\_IUCr → **\_publ.author.id\_IUCr** (core)  
 \_publ.author\_id\_ORCID → **\_publ.author.id\_ORCID** (core)  
 \_publ.author\_name → **\_publ.author.name** (core, mm)  
 \_publ.author\_phone → **\_publ.author.phone** (core)  
 \_publ.body\_contents → **\_publ.body.contents** (core, mm)  
 \_publ.body\_element → **\_publ.body.element** (core, mm)  
 \_publ.body\_format → **\_publ.body.format** (core, mm)  
 \_publ.body\_label → **\_publ.body.label** (core, mm)  
 \_publ.body\_title → **\_publ.body.title** (core, mm)  
 \_publ.contact\_author → **\_publ.contact\_author** (mm)  
 \_publ.contact\_author → **\_publ.contact\_author.contact\_details** (core)  
 \_publ.contact\_author\_address → **\_publ.contact\_author.address** (mm)  
 \_publ.contact\_author\_address → **\_publ.contact\_author.address** (core)  
 \_publ.contact\_author\_email → **\_publ.contact\_author\_email** (mm)



## DATA-NAME ALIASES

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_refine_ls_R_Fsqd_factor → _refine.ls.R_Fsqd_factor_obs (mm)
_refine_ls_R_Fsqd_factor → _refine.ls.R_Fsqd_factor (core)
_refine_ls_R_I_factor → _refine.ls.R_I_factor_obs (mm)
_refine_ls_R_I_factor → _refine.ls.R_I_factor (core)
_refine_ls_R_factor_all → _refine.ls.R_factor_all (mm)
_refine_ls_R_factor_all → _refine.ls.R_factor_all (core)
_refine_ls_R_factor_gt → _refine.ls.R_factor_gt (core)
_refine_ls_R_factor_obs → _refine.ls.R_factor_obs (mm)
_refine_ls_R_factor_obs → _refine.ls.R_factor_gt (core)
_refine_ls_abs_structure_Flack → _refine.ls.abs_structure_Flack (mm)
_refine_ls_abs_structure_Flack → _refine.ls.abs_structure_Flack (core)
_refine_ls_abs_structure_Flack_su → _refine.ls.abs_structure_Flack_su
(core)
_refine_ls_abs_structure_Rogers → _refine.ls.abs_structure_Rogers (mm)
_refine_ls_abs_structure_Rogers → _refine.ls.abs_structure_Rogers (core)
_refine_ls_abs_structure_Rogers_su → _refine.ls.abs_structure_Rogers_su
(core)
_refine_ls_abs_structure_details → _refine.ls.abs_structure_details (mm)
_refine_ls_abs_structure_details → _refine.ls.abs_structure_details (core)
_refine_ls_class_R_Fsqd_factor → _refine.ls.class.R_Fsqd_factor (core)
_refine_ls_class_R_I_factor → _refine.ls.class.R_I_factor (core)
_refine_ls_class_R_factor_all → _refine.ls.class.R_factor_all (core)
_refine_ls_class_R_factor_gt → _refine.ls.class.R_factor_gt (core)
_refine_ls_class_R_factor_obs → _refine.ls.class.R_factor_gt (core)
_refine_ls_class_code → _refine.ls.class.code (core)
_refine_ls_class_d_res_high → _refine.ls.class.d_res_high (core)
_refine_ls_class_d_res_low → _refine.ls.class.d_res_low (core)
_refine_ls_class_wR_factor_all → _refine.ls.class.wR_factor_all (core)
_refine_ls_d_res_high → _refine.ls.d_res_high (mm)
_refine_ls_d_res_high → _refine.ls.d_res_high (core)
_refine_ls_d_res_low → _refine.ls.d_res_low (mm)
_refine_ls_d_res_low → _refine.ls.d_res_low (core)
_refine_ls_extinction_coef → _refine.ls.extinction_coef (mm)
_refine_ls_extinction_coef → _refine.ls.extinction_coef (core)
_refine_ls_extinction_coef_su → _refine.ls.extinction_coef_su (core)
_refine_ls_extinction_expression → _refine.ls.extinction_expression (mm)
_refine_ls_extinction_expression → _refine.ls.extinction_expression (core)
_refine_ls_extinction_method → _refine.ls.extinction_method (mm)
_refine_ls_extinction_method → _refine.ls.extinction_method (core)
_refine_ls_goodness_of_fit_all → _refine.ls.goodness_of_fit_all (mm)
_refine_ls_goodness_of_fit_all → _refine.ls.goodness_of_fit_all (core)
_refine_ls_goodness_of_fit_all_su → _refine.ls.goodness_of_fit_all_su
(core)
_refine_ls_goodness_of_fit_gt → _refine.ls.goodness_of_fit_gt (core)
_refine_ls_goodness_of_fit_gt_su → _refine.ls.goodness_of_fit_gt_su (core)
_refine_ls_goodness_of_fit_obs → _refine.ls.goodness_of_fit_obs (mm)
_refine_ls_goodness_of_fit_obs → _refine.ls.goodness_of_fit_obs (core)
_refine_ls_goodness_of_fit_ref → _refine.ls.goodness_of_fit_ref (core)
_refine_ls_hydrogen_treatment → _refine.ls.hydrogen_treatment (mm)
_refine_ls_hydrogen_treatment → _refine.ls.hydrogen_treatment (core)
_refine_ls_matrix_type → _refine.ls.matrix_type (mm)
_refine_ls_matrix_type → _refine.ls.matrix_type (core)
_refine_ls_mod_func_description → _refine.ls.mod_func_description (ms)
_refine_ls_mod_hydrogen_treatment → _refine.ls.mod_hydrogen_treatment
(ms)
_refine_ls_mod_overall_phason_coeff →
_refine.ls.mod_overall_phason_coeff (ms)
_refine_ls_mod_overall_phason_formula →
_refine.ls.mod_overall_phason_formula (ms)
_refine_ls_number_constraints → _refine.ls.number_constraints (mm)
_refine_ls_number_constraints → _refine.ls.number_constraints (core)
_refine_ls_number_parameters → _refine.ls.number_parameters (mm)
_refine_ls_number_parameters → _refine.ls.number_parameters (core)
_refine_ls_number_reflns → _refine.ls.number_reflns_obs (mm)
_refine_ls_number_reflns → _refine.ls.number_reflns (core)
_refine_ls_number_reflns_gt → _refine.ls.number_reflns_gt (core)
_refine_ls_number_restraints → _refine.ls.number_restraints (mm)
_refine_ls_number_restraints → _refine.ls.number_restraints (core)
_refine_ls_restrained_S_all → _refine.ls.restrained_S_all (mm)
_refine_ls_restrained_S_all → _refine.ls.restrained_S_all (core)
_refine_ls_restrained_S_gt → _refine.ls.restrained_S_gt (core)
_refine_ls_restrained_S_obs → _refine.ls.restrained_S_obs (mm)
_refine_ls_restrained_S_obs → _refine.ls.restrained_S_gt (core)
_refine_ls_shift/esd_max → _refine.ls.shift_over_esd_max (mm)
_refine_ls_shift/esd_max → _refine.ls.shift_over_su_max (core)
_refine_ls_shift/esd_mean → _refine.ls.shift_over_esd_mean (mm)
_refine_ls_shift/esd_mean → _refine.ls.shift_over_su_mean (core)
_refine_ls_shift/su_max → _refine.ls.shift_over_su_max (core)
_refine_ls_shift/su_max_lt → _refine.ls.shift_over_su_max_lt (core)
_refine_ls_shift/su_mean → _refine.ls.shift_over_su_mean (core)
_refine_ls_shift/su_mean_lt → _refine.ls.shift_over_su_mean_lt (core)
_refine_ls_shift_over_su_max → _refine.ls.shift_over_su_max (core)
_refine_ls_shift_over_su_mean → _refine.ls.shift_over_su_mean (core)
_refine_ls_shift_over_su_max → _refine.ls.shift_over_su_max (core)
_refine_ls_shift_over_su_mean → _refine.ls.shift_over_su_mean (core)
_refine_ls_structure_factor_coef → _refine.ls.structure_factor_coef (mm)
_refine_ls_structure_factor_coef → _refine.ls.structure_factor_coef (core)
_refine_ls_wR_factor_all → _refine.ls.wR_factor_all (mm)
_refine_ls_wR_factor_all → _refine.ls.wR_factor_all (core)
_refine_ls_wR_factor_gt → _refine.ls.wR_factor_gt (core)
_refine_ls_wR_factor_obs → _refine.ls.wR_factor_obs (mm)
_refine_ls_wR_factor_obs → _refine.ls.wR_factor_obs (core)
_refine_ls_wR_factor_ref → _refine.ls.wR_factor_ref (core)
_refine_ls_weighting_details → _refine.ls.weighting_details (mm)
_refine_ls_weighting_details → _refine.ls.weighting_details (core)
_refine_ls_weighting_scheme → _refine.ls.weighting_scheme (mm)
_refine_ls_weighting_scheme → _refine.ls.weighting_scheme (core)
_refine_special_details → _refine.special_details (mm)
_refine_special_details → _refine.special_details (core)
_refln_F_meas_sigma → _refln.F_meas_su (core)
_refln_F_squared_sigma → _refln.F_squared_meas_su (core)
_refln.intensity_sigma → _refln.intensity_meas_su (core)
_refln.observed_status → _refln.include_status (core)
_refln.sint_over_lambda → _refln.sin_theta_over_lambda (core)
_refln.status → _refln.include_status (core)
_refln_A_calc → _refln.A_calc (core, mm)
_refln_A_meas → _refln.A_meas (core, mm)
_refln_B_calc → _refln.B_calc (core, mm)
_refln_B_meas → _refln.B_meas (core, mm)
_refln_F_calc → _refln.F_calc (core, mm)
_refln_F_complex → _refln.F_complex (core, pd)
_refln_F_meas → _refln.F_meas (core, mm)
_refln_F_meas_su → _refln.F_meas_su (core)
_refln_F_sigma → _refln.F_meas_sigma (mm)
_refln_F_sigma → _refln.F_meas_su (core)
_refln_F_squared_calc → _refln.F_squared_calc (core, mm)
_refln_F_squared_meas → _refln.F_squared_meas (core, mm, pd)
_refln_F_squared_meas_su → _refln.F_squared_meas_su (core)
_refln_F_squared_sigma → _refln.F_squared_meas_su (core)
_refln_F_squared_sigma → _refln.F_squared_sigma (mm)
_refln_Lp_factor → _refln.Lp_factor (core)
_refln_class_code → _refln.class_code (core)
_refln_crystal_id → _refln.crystal_id (mm)
_refln_d_spacing → _refln.d_spacing (core)
_refln_include_status → _refln.include_status (core)
_refln_index_h → _refln.index_h (core, mm)
_refln_index_k → _refln.index_k (core, mm)
_refln_index_l → _refln.index_l (core, mm)
_refln_index_m_1 → _refln.index_m_1 (ms)
_refln_index_m_2 → _refln.index_m_2 (ms)
_refln_index_m_3 → _refln.index_m_3 (ms)
_refln_index_m_4 → _refln.index_m_4 (ms)
_refln_index_m_5 → _refln.index_m_5 (ms)
_refln_index_m_6 → _refln.index_m_6 (ms)
_refln_index_m_7 → _refln.index_m_7 (ms)
_refln_index_m_8 → _refln.index_m_8 (ms)
_refln_intensity_calc → _refln.intensity_calc (core, mm)
_refln_intensity_meas → _refln.intensity_meas (core, mm)
_refln_intensity_meas_su → _refln.intensity_meas_su (core)
_refln_intensity_sigma → _refln.intensity_meas_su (core)
_refln_intensity_sigma → _refln.intensity_sigma (mm)
_refln_mean_path_length_tbar → _refln.mean_path_length_tbar (core, mm)
_refln_observed_status → _refln.include_status (core)
_refln_observed_status → _refln.status (mm)
_refln_phase_calc → _refln.phase_calc (core, mm)
_refln_phase_meas → _refln.phase_meas (core, mm)
_refln_refinement_status → _refln.refinement_status (core, mm)
_refln_scale_group_code → _refln.scale_group_code (core, mm)
_refln_sin_theta_over_lambda → _refln.sin_theta_over_lambda (core)
_refln_sint/lambda → _refln.sin_theta_over_lambda (core)
_refln_sint/lambda → _refln.sint_over_lambda (mm)
_refln_symmetry_epsilon → _refln.symmetry_epsilon (core, mm)
_refln_symmetry_multiplicity → _refln.symmetry_multiplicity (core, mm)
_refln_wavelength → _refln.wavelength (core, mm)
_refln_wavelength_id → _refln.wavelength_id (core, mm, pd)
_reflns.details → _reflns.special_details (core)
_reflns.number_all → _reflns.number_total (core)
_reflns.number_obs → _reflns.number_gt (core)
_reflns.observed_criterion → _reflns.threshold_expression (core)
_reflns_Friedel_coverage → _reflns.Friedel_coverage (core)

```

## DATA-NAME ALIASES

\_refns\_Friedel\_fraction\_full → **\_refns.Friedel\_fraction\_full** (core)  
 \_refns\_Friedel\_fraction\_max → **\_refns.Friedel\_fraction\_max** (core)  
 \_refns\_class\_R\_Fsqd\_factor → **\_refns.class.R\_Fsqd\_factor** (core)  
 \_refns\_class\_R\_I\_factor → **\_refns.class.R\_I\_factor** (core)  
 \_refns\_class\_R\_factor\_all → **\_refns.class.R\_factor\_all** (core)  
 \_refns\_class\_R\_factor\_gt → **\_refns.class.R\_factor\_gt** (core)  
 \_refns\_class\_R\_factor\_observed → **\_refns.class.R\_factor\_gt** (core)  
 \_refns\_class\_code → **\_refns.class.code** (core)  
 \_refns\_class\_d\_res\_high → **\_refns.class.d\_res\_high** (core)  
 \_refns\_class\_d\_res\_low → **\_refns.class.d\_res\_low** (core)  
 \_refns\_class\_description → **\_refns.class.description** (core)  
 \_refns\_class\_number\_gt → **\_refns.class.number\_gt** (core)  
 \_refns\_class\_number\_observed → **\_refns.class.number\_gt** (core)  
 \_refns\_class\_number\_total → **\_refns.class.number\_total** (core)  
 \_refns\_class\_wR\_factor\_all → **\_refns.class.wR\_factor\_all** (core)  
 \_refns\_d\_resolution\_high → **\_refns.d\_resolution\_high** (core, mm)  
 \_refns\_d\_resolution\_low → **\_refns.d\_resolution\_low** (core, mm)  
 \_refns\_limit\_h\_max → **\_refns.limit\_h\_max** (core, mm)  
 \_refns\_limit\_h\_min → **\_refns.limit\_h\_min** (core, mm)  
 \_refns\_limit\_index\_m\_1\_max → **\_refns.limit\_index\_m\_1\_max** (ms)  
 \_refns\_limit\_index\_m\_1\_min → **\_refns.limit\_index\_m\_1\_min** (ms)  
 \_refns\_limit\_index\_m\_2\_max → **\_refns.limit\_index\_m\_2\_max** (ms)  
 \_refns\_limit\_index\_m\_2\_min → **\_refns.limit\_index\_m\_2\_min** (ms)  
 \_refns\_limit\_index\_m\_3\_max → **\_refns.limit\_index\_m\_3\_max** (ms)  
 \_refns\_limit\_index\_m\_3\_min → **\_refns.limit\_index\_m\_3\_min** (ms)  
 \_refns\_limit\_index\_m\_4\_max → **\_refns.limit\_index\_m\_4\_max** (ms)  
 \_refns\_limit\_index\_m\_4\_min → **\_refns.limit\_index\_m\_4\_min** (ms)  
 \_refns\_limit\_index\_m\_5\_max → **\_refns.limit\_index\_m\_5\_max** (ms)  
 \_refns\_limit\_index\_m\_5\_min → **\_refns.limit\_index\_m\_5\_min** (ms)  
 \_refns\_limit\_index\_m\_6\_max → **\_refns.limit\_index\_m\_6\_max** (ms)  
 \_refns\_limit\_index\_m\_6\_min → **\_refns.limit\_index\_m\_6\_min** (ms)  
 \_refns\_limit\_index\_m\_7\_max → **\_refns.limit\_index\_m\_7\_max** (ms)  
 \_refns\_limit\_index\_m\_7\_min → **\_refns.limit\_index\_m\_7\_min** (ms)  
 \_refns\_limit\_index\_m\_8\_max → **\_refns.limit\_index\_m\_8\_max** (ms)  
 \_refns\_limit\_index\_m\_8\_min → **\_refns.limit\_index\_m\_8\_min** (ms)  
 \_refns\_limit\_k\_max → **\_refns.limit\_k\_max** (core, mm)  
 \_refns\_limit\_k\_min → **\_refns.limit\_k\_min** (core, mm)  
 \_refns\_limit\_l\_max → **\_refns.limit\_l\_max** (core, mm)  
 \_refns\_limit\_l\_min → **\_refns.limit\_l\_min** (core, mm)  
 \_refns\_number\_all → **\_refns.number\_total** (core)  
 \_refns\_number\_gt → **\_refns.number\_gt** (core)  
 \_refns\_number\_observed → **\_refns.number\_gt** (core)  
 \_refns\_number\_observed → **\_refns.number\_obs** (mm)  
 \_refns\_number\_total → **\_refns.number\_all** (mm)  
 \_refns\_number\_total → **\_refns.number\_total** (core)  
 \_refns\_observed\_criterion → **\_refns.observed\_criterion** (mm)  
 \_refns\_observed\_criterion → **\_refns.threshold\_expression** (core)  
 \_refns\_scale\_group\_code → **\_refns.scale.group\_code** (core, mm)  
 \_refns\_scale\_meas\_F → **\_refns.scale.meas\_F** (core, mm)  
 \_refns\_scale\_meas\_F\_squared → **\_refns.scale.meas\_F\_squared** (core, mm)  
 \_refns\_scale\_meas\_intensity → **\_refns.scale.meas\_intensity** (core, mm)  
 \_refns\_shell.Rmerge\_F\_obs → **\_refns.shell.Rmerge\_F\_gt** (core)  
 \_refns\_shell.Rmerge\_I\_obs → **\_refns.shell.Rmerge\_I\_gt** (core)  
 \_refns\_shell.meanI\_over\_sigI\_all → **\_refns.shell.meanI\_over\_suI\_all**  
 (core)  
 \_refns\_shell.meanI\_over\_sigI\_gt → **\_refns.shell.meanI\_over\_suI\_gt** (core)  
 \_refns\_shell.meanI\_over\_sigI\_obs → **\_refns.shell.meanI\_over\_suI\_gt**  
 (core)  
 \_refns\_shell.meanI\_over\_uI\_all → **\_refns.shell.meanI\_over\_suI\_all** (core)  
 \_refns\_shell.meanI\_over\_uI\_gt → **\_refns.shell.meanI\_over\_suI\_gt** (core)  
 \_refns\_shell.number\_measured\_obs → **\_refns.shell.number\_measured\_gt**  
 (core)  
 \_refns\_shell.number\_possible\_all → **\_refns.shell.number\_possible** (core)  
 \_refns\_shell.number\_unique\_obs → **\_refns.shell.number\_unique\_gt** (core)  
 \_refns\_shell.percent\_possible\_obs → **\_refns.shell.percent\_possible\_gt**  
 (core)  
 \_refns\_shell.Rmerge\_F\_all → **\_refns.shell.Rmerge\_F\_all** (core, mm)  
 \_refns\_shell.Rmerge\_F\_gt → **\_refns.shell.Rmerge\_F\_gt** (core)  
 \_refns\_shell.Rmerge\_F\_obs → **\_refns.shell.Rmerge\_F\_gt** (core)  
 \_refns\_shell.Rmerge\_F\_obs → **\_refns.shell.Rmerge\_F\_obs** (mm)  
 \_refns\_shell.Rmerge\_I\_all → **\_refns.shell.Rmerge\_I\_all** (core, mm)  
 \_refns\_shell.Rmerge\_I\_gt → **\_refns.shell.Rmerge\_I\_gt** (core)  
 \_refns\_shell.Rmerge\_I\_obs → **\_refns.shell.Rmerge\_I\_gt** (core)  
 \_refns\_shell.Rmerge\_I\_obs → **\_refns.shell.Rmerge\_I\_obs** (mm)  
 \_refns\_shell\_d\_res\_high → **\_refns.shell.d\_res\_high** (core, mm)  
 \_refns\_shell\_d\_res\_low → **\_refns.shell.d\_res\_low** (core, mm)  
 \_refns\_shell\_meanI\_over\_sigI\_all → **\_refns.shell.meanI\_over\_sigI\_all**  
 (mm)

\_refns\_shell\_meanI\_over\_sigI\_all → **\_refns.shell.meanI\_over\_suI\_all**  
 (core)  
 \_refns\_shell\_meanI\_over\_sigI\_gt → **\_refns.shell.meanI\_over\_suI\_gt**  
 (core)  
 \_refns\_shell\_meanI\_over\_sigI\_obs → **\_refns.shell.meanI\_over\_sigI\_obs**  
 (mm)  
 \_refns\_shell\_meanI\_over\_sigI\_obs → **\_refns.shell.meanI\_over\_suI\_gt**  
 (core)  
 \_refns\_shell\_meanI\_over\_uI\_all → **\_refns.shell.meanI\_over\_suI\_all** (core)  
 \_refns\_shell\_meanI\_over\_uI\_gt → **\_refns.shell.meanI\_over\_suI\_gt** (core)  
 \_refns\_shell\_number\_measured\_all → **\_refns.shell.number\_measured\_all**  
 (core, mm)  
 \_refns\_shell\_number\_measured\_gt → **\_refns.shell.number\_measured\_gt**  
 (core)  
 \_refns\_shell\_number\_measured\_obs → **\_refns.shell.number\_measured\_gt**  
 (core)  
 \_refns\_shell\_number\_measured\_obs → **\_refns.shell.number\_measured\_obs** (mm)  
 \_refns\_shell\_number\_possible → **\_refns.shell.number\_possible** (core, mm)  
 \_refns\_shell\_number\_unique\_all → **\_refns.shell.number\_unique\_all** (core,  
 mm)  
 \_refns\_shell\_number\_unique\_gt → **\_refns.shell.number\_unique\_gt** (core)  
 \_refns\_shell\_number\_unique\_obs → **\_refns.shell.number\_unique\_gt** (core)  
 \_refns\_shell\_number\_unique\_obs → **\_refns.shell.number\_unique\_obs**  
 (mm)  
 \_refns\_shell\_percent\_possible\_all → **\_refns.shell.percent\_possible\_all**  
 (core, mm)  
 \_refns\_shell\_percent\_possible\_gt → **\_refns.shell.percent\_possible\_gt**  
 (core)  
 \_refns\_shell\_percent\_possible\_obs → **\_refns.shell.percent\_possible\_gt**  
 (core)  
 \_refns\_shell\_percent\_possible\_obs → **\_refns.shell.percent\_possible\_obs**  
 (mm)  
 \_refns\_special\_details → **\_refns.details** (mm)  
 \_refns\_special\_details → **\_refns.special\_details** (core)  
 \_refns\_threshold\_expression → **\_refns.threshold\_expression** (core)  
 \_space\_group\_IT\_number → **\_space\_group.IT\_number** (core)  
 \_space\_group\_crystal\_system → **\_space\_group.crystal\_system** (core)  
 \_space\_group\_magn.point\_group\_name →  
**\_space\_group\_magn.point\_group\_name\_H-M** (mag)  
 \_space\_group\_magn.point\_group\_number →  
**\_space\_group\_magn.point\_group\_number\_Litvin** (mag)  
 \_space\_group\_name\_H-M\_alt → **\_space\_group.name\_H-M\_alt** (core)  
 \_space\_group\_name\_Hall → **\_space\_group.name\_Hall** (core)  
 \_space\_group\_ssg\_IT\_number → **\_space\_group.ssg\_IT\_number** (ms)  
 \_space\_group\_ssg\_WJJ\_code → **\_space\_group.ssg\_WJJ\_code** (ms)  
 \_space\_group\_ssg\_name → **\_space\_group.ssg\_name** (ms)  
 \_space\_group\_ssg\_name\_IT → **\_space\_group.ssg\_name\_IT** (ms)  
 \_space\_group\_ssg\_name\_WJJ → **\_space\_group.ssg\_name\_WJJ** (ms)  
 \_space\_group\_symop\_id → **\_space\_group.symop.id** (core)  
 \_space\_group\_symop\_magn.id → **\_space\_group\_symop\_magn.operation.id**  
 (mag)  
 \_space\_group\_symop\_magn\_ssg\_id →  
**\_space\_group\_symop\_magn\_ssg\_operation.id** (mag)  
 \_space\_group\_symop\_operation\_xyz →  
**\_space\_group\_symop.operation\_xyz** (core)  
 \_space\_group\_symop\_ssg\_id → **\_space\_group\_symop.ssg\_id** (ms)  
 \_space\_group\_symop\_ssg\_operation\_algebraic →  
**\_space\_group\_symop.ssg\_operation\_algebraic** (ms)  
 \_symmetry.Int\_Tables\_number → **\_space\_group.IT\_number** (core)  
 \_symmetry.space\_group\_name\_H-M → **\_space\_group.name\_H-M\_full**  
 (core)  
 \_symmetry.space\_group\_name\_Hall → **\_space\_group.name\_Hall** (core)  
 \_symmetry\_Int\_Tables\_number → **\_space\_group.IT\_number** (core)  
 \_symmetry\_Int\_Tables\_number → **\_symmetry.Int\_Tables\_number** (mm)  
 \_symmetry\_cell\_setting → **\_symmetry.cell\_setting** (core, mm)  
 \_symmetry\_equiv\_pos\_as\_xyz → **\_space\_group\_symop.operation\_xyz** (core)  
 \_symmetry\_equiv\_pos\_site\_id → **\_space\_group\_symop.id** (core)  
 \_symmetry\_equiv\_pos\_as\_xyz → **\_space\_group\_symop.operation\_xyz** (core)  
 \_symmetry\_equiv\_pos\_as\_xyz → **\_symmetry\_equiv.pos\_as\_xyz** (mm)  
 \_symmetry\_equiv\_pos\_site\_id → **\_space\_group\_symop.id** (core)  
 \_symmetry\_equiv\_pos\_site\_id → **\_symmetry\_equiv.id** (mm)  
 \_symmetry\_space\_group\_name\_H-M → **\_space\_group.name\_H-M\_full**  
 (core)  
 \_symmetry\_space\_group\_name\_H-M →  
**\_symmetry.space\_group\_name\_H-M** (mm)  
 \_symmetry\_space\_group\_name\_Hall → **\_space\_group.name\_Hall** (core)  
 \_symmetry\_space\_group\_name\_Hall →  
**\_symmetry.space\_group\_name\_Hall** (mm)

## DATA-NAME ALIASES

<p><code>_twin_dimensionality</code> → <code>_twin.dimensionality</code> (twin)</p> <p><code>_twin_formation_mechanism</code> → <code>_twin.formation_mechanism</code> (twin)</p> <p><code>_twin_individual_id</code> → <code>_twin_individual.id</code> (twin)</p> <p><code>_twin_individual_mass_fraction_refined</code> → <code>_twin_individual.mass_fraction_refined</code> (twin)</p> <p><code>_twin_individual_twin_lattice_type</code> → <code>_twin_individual.twin_lattice_type</code> (twin)</p> <p><code>_twin_individual_twin_matrix</code> → <code>_twin_individual.twin_matrix</code> (twin)</p> <p><code>_twin_individual_twin_matrix_11</code> → <code>_twin_individual.twin_matrix_11</code> (twin)</p> <p><code>_twin_individual_twin_matrix_12</code> → <code>_twin_individual.twin_matrix_12</code> (twin)</p> <p><code>_twin_individual_twin_matrix_13</code> → <code>_twin_individual.twin_matrix_13</code> (twin)</p> <p><code>_twin_individual_twin_matrix_21</code> → <code>_twin_individual.twin_matrix_21</code> (twin)</p> <p><code>_twin_individual_twin_matrix_22</code> → <code>_twin_individual.twin_matrix_22</code> (twin)</p> <p><code>_twin_individual_twin_matrix_23</code> → <code>_twin_individual.twin_matrix_23</code> (twin)</p> <p><code>_twin_individual_twin_matrix_31</code> → <code>_twin_individual.twin_matrix_31</code> (twin)</p> <p><code>_twin_individual_twin_matrix_32</code> → <code>_twin_individual.twin_matrix_32</code> (twin)</p> <p><code>_twin_individual_twin_matrix_33</code> → <code>_twin_individual.twin_matrix_33</code> (twin)</p> <p><code>_twin_morphology</code> → <code>_twin.morphology</code> (twin)</p> <p><code>_twin_refln.F_squared_sigma</code> → <code>_twin_refln.F_squared_meas_su</code> (twin)</p>	<p><code>_twin_refln_F_squared_calc</code> → <code>_twin_refln.F_squared_calc</code> (twin)</p> <p><code>_twin_refln_F_squared_calc_individual</code> → <code>_twin_refln.F_squared_calc_individual</code> (twin)</p> <p><code>_twin_refln_F_squared_meas</code> → <code>_twin_refln.F_squared_meas</code> (twin)</p> <p><code>_twin_refln_F_squared_meas_sigma</code> → <code>_twin_refln.F_squared_meas_su</code> (twin)</p> <p><code>_twin_refln_F_squared_sigma</code> → <code>_twin_refln.F_squared_meas_su</code> (twin)</p> <p><code>_twin_refln_datum_id</code> → <code>_twin_refln.datum_id</code> (twin)</p> <p><code>_twin_refln_include_status</code> → <code>_twin_refln.include_status</code> (twin)</p> <p><code>_twin_refln_index_h</code> → <code>_twin_refln.index_h</code> (twin)</p> <p><code>_twin_refln_index_hkl</code> → <code>_twin_refln.index_hkl</code> (twin)</p> <p><code>_twin_refln_index_k</code> → <code>_twin_refln.index_k</code> (twin)</p> <p><code>_twin_refln_index_l</code> → <code>_twin_refln.index_l</code> (twin)</p> <p><code>_twin_refln_individual_id</code> → <code>_twin_refln.individual_id</code> (twin)</p> <p><code>_twin_special_details</code> → <code>_twin.special_details</code> (twin)</p> <p><code>_valence_param_B</code> → <code>_valence_param.B</code> (core)</p> <p><code>_valence_param_Ro</code> → <code>_valence_param.Ro</code> (core)</p> <p><code>_valence_param_atom_1</code> → <code>_valence_param.atom_1</code> (core)</p> <p><code>_valence_param_atom_1_valence</code> → <code>_valence_param.atom_1_valence</code> (core)</p> <p><code>_valence_param_atom_2</code> → <code>_valence_param.atom_2</code> (core)</p> <p><code>_valence_param_atom_2_valence</code> → <code>_valence_param.atom_2_valence</code> (core)</p> <p><code>_valence_param_details</code> → <code>_valence_param.details</code> (core)</p> <p><code>_valence_param_id</code> → <code>_valence_param.id</code> (core)</p> <p><code>_valence_param_ref_id</code> → <code>_valence_param.ref_id</code> (core)</p> <p><code>_valence_ref_id</code> → <code>_valence_ref.id</code> (core)</p> <p><code>_valence_ref_reference</code> → <code>_valence_ref.reference</code> (core)</p>
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