

## Supporting Information

### High-throughput Screening of Stable Ag-Pd-F Catalysts for Formate Oxidation Reaction Using Machine Learning

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## SUPPLEMENTARY METHODS

The crystal graph convolutional neural network (CGCNN) used in this study falls under the category of neural network algorithms. The core idea of CGCNN is to represent the crystal structure as a crystal graph, which encodes atomic information and interatomic bonding interactions, and then build a convolutional neural network on this graph. The model is trained using data from density functional theory (DFT) calculations to automatically extract representations that are most suitable for predicting the target properties.<sup>1</sup>

The crystal graph  $G$  is an undirected multigraph, where nodes represent atoms and edges represent the connections between atoms in the crystal. Unlike conventional graphs, the crystal graph allows multiple edges between the same pair of nodes, a feature that arises from the periodicity of crystals, thus distinguishing it from molecular graphs. Each node  $i$  is represented by a feature vector  $v_i$ , which encodes the properties of the atom corresponding to node  $i$ . The edge  $(i, j)_k$  is represented by the feature vector  $u_{(i, j)_k}$ , which corresponds to the  $k$ -th bond connecting atom  $i$  and atom  $j$ .<sup>1</sup>

Atomic and bond properties are encoded using one-hot encoding in the node feature vector  $v_i$  and the edge feature vector  $u_{(i, j)_k}$ . For discrete values, the vector is encoded according to the category to which the value belongs; for continuous values, the range of attribute values is divided into 10 categories, and the vector is encoded accordingly. The atomic feature vector  $v_i$  includes 9 attributes: period, group, electronegativity, covalent radius, valence electrons, first ionization energy, electron affinity, block, and atomic volume. For example, if the atomic features are the group number and period number, the atomic feature vector for H will be a 27-dimensional vector, where the 1st and 19th elements are 1, and all other elements are 0. If the interatomic distance is 0.7, the bond feature vector will be a 10-dimensional vector, where the first element is 1, and all other elements are 0.<sup>1</sup>

**Table S1** The different hyperparameter settings and performance of the CGCNN model. The partition ratio is a partition

<b>Composition</b>	<b>Symmetry</b>	$E_d$ ( <b>meV/atom</b> )	<b>Lattice parameters</b>
ratio of the training set, the validation set and the test set in the data set. The epoch is 100.			
The amount of training data		Partition ratio (%)	MAE (eV/atom)
42795		80: 10: 10	0.083
42975		60: 20: 20	0.088
65520		80: 10: 10	0.074
65520		60: 20: 20	0.079

Ag	$P6_3/mmc$	0	a = 2.91 b = 2.91 c = 9.46	$\alpha = \beta = 90^\circ$ $\gamma = 120^\circ$
Pd	$Fm\bar{3}m$	0	a = 3.92 b = 3.92 c = 3.92	$\alpha = \beta = \gamma = 90^\circ$
F	$C2/c$	0	a = 5.11 b = 3.17 c = 6.62	$\alpha = \gamma = 90^\circ$ $\beta = 94.87^\circ$
AgF	$Fm\bar{3}m$	0	a = 4.92 b = 4.92 c = 4.92	$\alpha = \beta = \gamma = 90^\circ$
AgF <sub>2</sub>	$Pbca$	0	a = 5.15 b = 5.67 c = 5.74	$\alpha = \beta = \gamma = 90^\circ$
AgF <sub>3</sub>	$P6_122$	0	a = 5.03 b = 5.03 c = 15.28	$\alpha = \beta = 90^\circ$ $\gamma = 120^\circ$
Ag <sub>2</sub> F	$P\bar{3}ml$	0	a = 3.00 b = 3.00 c = 5.73	$\alpha = \beta = 90^\circ$ $\gamma = 120^\circ$
Ag <sub>2</sub> F <sub>5</sub>	$P\bar{1}$	0	a = 4.88 b = 7.36 c = 11.13	$\alpha = 88.62^\circ$ $\beta = 89.18^\circ$ $\gamma = 74.54^\circ$
AgPd	$R\bar{3}m$	0	a = 2.82 b = 2.82 c = 13.90	$\alpha = \beta = 90^\circ$ $\gamma = 120^\circ$
Ag <sub>3</sub> Pd	$I4/mmm$	0	a = 4.07 b = 4.07 c = 8.04	$\alpha = \beta = \gamma = 90^\circ$
PdF <sub>3</sub>	$R\bar{3}c$	0	a = 5.01 b = 5.01 c = 14.12	$\alpha = \beta = 90^\circ$ $\gamma = 120^\circ$
PdF <sub>4</sub>	$Fdd2$	0	a = 5.72 b = 9.19 c = 9.42	$\alpha = \beta = \gamma = 90^\circ$
AgPdF <sub>6</sub>	$P\bar{1}$	0	a = 4.95 b = 5.00 c = 10.04	$\alpha = 76.94^\circ$ $\beta = 77.44^\circ$ $\gamma = 61.01^\circ$

**Table S2** The known Ag-Pd-F phases in the MP database, along with their space group symmetries,  $E_d$  values and lattice parameters.

**Table S3** The CGCNN-1 model predicted 728 potentially stable Ag-Pd-F structures with 373 distinct Ag-Pd-F compositions, including potential stable structures,  $E_d$  values converted by  $E_f$  from CGCNN-1 model and  $E_d$  by DFT.

Composition	DFT- $E_d$ (meV/atom)	CGCNN- $E_d$ (meV/atom)	Composition	DFT- $E_d$ (meV/atom)	CGCNN- $E_d$ (meV/atom)
Ag <sub>2</sub> PdF <sub>6</sub> _La <sub>2</sub> WO <sub>6</sub> _2	-20.42	-43.855	AgPd <sub>9</sub> F <sub>27</sub> _Na(WO <sub>3</sub> ) <sub>9</sub> _5	48.46	-225.188
Ag <sub>2</sub> PdF <sub>6</sub> _Na <sub>2</sub> PdF <sub>6</sub> _3	-19.78	-48.3778	AgPd <sub>3</sub> F <sub>8</sub> _NaSb <sub>3</sub> O <sub>8</sub> _3	48.83	-55.2145
AgPd <sub>2</sub> F <sub>12</sub> _CaCr <sub>2</sub> F <sub>12</sub> _2	-8.53	-156.148	Ag <sub>3</sub> Pd <sub>2</sub> F <sub>12</sub> _Y <sub>2</sub> Cr <sub>3</sub> O <sub>12</sub> _6	51.42	-23.5639
Ag <sub>2</sub> PdF <sub>6</sub> _Sm <sub>2</sub> WO <sub>6</sub> _2	-4.87	-10.6794	Ag <sub>2</sub> Pd <sub>4</sub> F <sub>13</sub> _Na <sub>2</sub> W <sub>4</sub> O <sub>13</sub> _5	51.75	-47.1596
AgPd <sub>2</sub> F <sub>6</sub> _Ca <sub>2</sub> H <sub>6</sub> Os_1	-4.66	-27.201	Ag <sub>2</sub> Pd <sub>5</sub> F <sub>12</sub> _Lu <sub>5</sub> (ReO <sub>6</sub> ) <sub>2</sub> _3	52.14	-9.49922
AgPd <sub>4</sub> F <sub>10</sub> _ZrU <sub>4</sub> O <sub>10</sub> _4	10.73	-67.3089	Ag <sub>3</sub> Pd <sub>2</sub> F <sub>9</sub> _Pr <sub>3</sub> Re <sub>2</sub> O <sub>9</sub> _3	52.16	-28.6505
AgPdF <sub>5</sub> _CaCuF <sub>5</sub> _3	20.11	-65.779	AgPdF <sub>5</sub> _MgCuF <sub>5</sub> _3	52.67	-70.013
Ag <sub>3</sub> PdF <sub>7</sub> _Er <sub>3</sub> TaO <sub>7</sub> _3	27.43	-8.63915	Ag <sub>3</sub> PdF <sub>8</sub> _Ho <sub>3</sub> ReO <sub>8</sub> _3	53.15	-28.7498
AgPdF <sub>4</sub> _TbSbO <sub>4</sub> _6	28.33	-43.2003	Ag <sub>3</sub> Pd <sub>17</sub> F <sub>47</sub> _Sm <sub>3</sub> Ta <sub>17</sub> O <sub>47</sub> _2	54.50	-139.246
Ag <sub>4</sub> Pd <sub>3</sub> F <sub>12</sub> _Lu <sub>4</sub> Hf <sub>3</sub> O <sub>12</sub> _3	28.75	-6.26736	Ag <sub>2</sub> Pd <sub>2</sub> F <sub>7</sub> _Ta <sub>2</sub> Pb <sub>2</sub> O <sub>7</sub> _1	55.49	-40.4317
Ag <sub>6</sub> PdF <sub>12</sub> _La <sub>6</sub> WO <sub>12</sub> _2	29.27	-27.1889	Ag <sub>3</sub> Pd <sub>4</sub> F <sub>13</sub> _Nb <sub>4</sub> Pb <sub>3</sub> O <sub>13</sub> _1	55.70	-83.82
AgPd <sub>3</sub> F <sub>7</sub> _Er <sub>3</sub> TaO <sub>7</sub> _1	29.66	-21.8592	AgPd <sub>2</sub> F <sub>6</sub> _Tm <sub>2</sub> TeO <sub>6</sub> _1	56.29	-5.75549
Ag <sub>3</sub> PdF <sub>7</sub> _Sm <sub>3</sub> MoO <sub>7</sub> _1	29.86	-19.9782	Ag <sub>4</sub> Pd <sub>2</sub> F <sub>15</sub> _Dy <sub>2</sub> Mo <sub>4</sub> O <sub>15</sub> _3	57.85	-22.335
Ag <sub>3</sub> PdF <sub>15</sub> _CaAs <sub>3</sub> F <sub>15</sub> _4	33.99	-178.042	Ag <sub>6</sub> Pd <sub>8</sub> F <sub>25</sub> _Ta <sub>8</sub> Pb <sub>6</sub> O <sub>25</sub> _1	58.84	-84.8786
Ag <sub>3</sub> Pd <sub>2</sub> F <sub>12</sub> _Dy <sub>2</sub> (SeO <sub>4</sub> ) <sub>3</sub> _3	34.36	-129.903	AgPdF <sub>4</sub> _EuSeO <sub>4</sub> _3	58.84	-9.45499
Ag <sub>3</sub> PdF <sub>7</sub> _Er <sub>3</sub> SbO <sub>7</sub> _3	36.22	-46.3002	Ag <sub>4</sub> Pd <sub>6</sub> F <sub>19</sub> _Ta <sub>6</sub> Pb <sub>4</sub> O <sub>19</sub> _1	59.61	-74.4805
Ag <sub>2</sub> PdF <sub>5</sub> _Na <sub>2</sub> VF <sub>5</sub> _3	36.97	-14.1475	AgPdF <sub>5</sub> _NbVO <sub>5</sub> _3	60.46	-106.071
AgPd <sub>4</sub> F <sub>12</sub> _K(WO <sub>3</sub> ) <sub>4</sub> _2	37.02	-71.6163	Ag <sub>3</sub> Pd <sub>14</sub> F <sub>28</sub> _Ba <sub>3</sub> (RhO <sub>2</sub> ) <sub>14</sub> _2	61.22	-16.8455
Ag <sub>2</sub> PdF <sub>7</sub> _Sm <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub> _2	38.04	-184.797	AgPd <sub>6</sub> F <sub>18</sub> _Rb(WO <sub>3</sub> ) <sub>6</sub> _5	61.46	-50.4212
Ag <sub>3</sub> Pd <sub>2</sub> F <sub>12</sub> _Ga <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> _5	38.33	-46.3136	Ag <sub>2</sub> PdF <sub>7</sub> _Sr <sub>2</sub> AlH <sub>7</sub> _4	63.40	-65.1998
Ag <sub>3</sub> Pd <sub>10</sub> F <sub>30</sub> _Na <sub>3</sub> (WO <sub>3</sub> ) <sub>10</sub> _5	42.72	-144.074	Ag <sub>5</sub> Pd <sub>4</sub> F <sub>15</sub> _Sr <sub>5</sub> Ta <sub>4</sub> O <sub>15</sub> _3	63.94	-57.2838
AgPd <sub>5</sub> F <sub>13</sub> _NaSb <sub>5</sub> O <sub>13</sub> _3	42.92	-86.2316	AgPd <sub>6</sub> F <sub>16</sub> _BaTa <sub>6</sub> O <sub>16</sub> _2	64.62	-108.172
AgPd <sub>11</sub> F <sub>33</sub> _La(WO <sub>3</sub> ) <sub>11</sub> _2	43.08	-220.008	Ag <sub>3</sub> Pd <sub>4</sub> F <sub>12</sub> _Lu <sub>4</sub> Hf <sub>3</sub> O <sub>12</sub> _1	65.56	-11.5621
Ag <sub>3</sub> Pd <sub>2</sub> F <sub>12</sub> _Ho <sub>2</sub> (SeO <sub>4</sub> ) <sub>3</sub> _3	43.53	-97.4793	Ag <sub>4</sub> Pd <sub>3</sub> F_Ti <sub>4</sub> CN <sub>3</sub> _4	66.43	-313.083
AgPd <sub>3</sub> F <sub>9</sub> _Tl(WO <sub>3</sub> ) <sub>3</sub> _5	44.90	-79.1895	AgPd <sub>6</sub> F <sub>18</sub> _Tl(WO <sub>3</sub> ) <sub>6</sub> _5	67.74	-100.531
AgPd <sub>2</sub> F <sub>6</sub> _Ta <sub>2</sub> PbO <sub>6</sub> _1	45.49	-101.813	AgPdF <sub>6</sub> _ZnFeF <sub>6</sub> _2	68.01	-151.424
AgPd <sub>2</sub> F <sub>6</sub> _Ga(SiNi <sub>3</sub> ) <sub>2</sub> _4	46.16	-14.6001	Ag <sub>2</sub> Pd <sub>2</sub> F <sub>7</sub> _Tb <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> _4	68.03	-51.5722
AgPd <sub>7</sub> F <sub>19</sub> _PrTa <sub>7</sub> O <sub>19</sub> _3	46.29	-130.974	AgPd <sub>2</sub> F <sub>12</sub> _CaAs <sub>2</sub> F <sub>12</sub> _2	68.46	-256.909
AgPd <sub>3</sub> F <sub>9</sub> _GdT <sub>3</sub> O <sub>9</sub> _3	46.74	-140.093	AgPd <sub>6</sub> F <sub>12</sub> _Lu <sub>6</sub> TeO <sub>12</sub> _3	69.19	-24.0946

The final number (i.e., \_2) represent different atomic arrangement of the same substitution template (i.e.,  $\text{La}_2\text{WO}_6$ ) after substituting Ag, Pd, and F atoms.

AgPd <sub>3</sub> F <sub>8</sub> _Ho <sub>3</sub> ReO <sub>8</sub> _1	69.53	-48.5777	Ag <sub>3</sub> Pd <sub>9</sub> F <sub>20</sub> _Mg <sub>3</sub> Ti <sub>9</sub> O <sub>20</sub> _5	97.36	-63.7791
Ag <sub>5</sub> Pd <sub>5</sub> F <sub>16</sub> _La <sub>5</sub> Mn <sub>5</sub> O <sub>16</sub> _2	69.73	-74.8802	Ag <sub>2</sub> Pd <sub>8</sub> F <sub>19</sub> _U <sub>8</sub> Bi <sub>2</sub> O <sub>19</sub> _3	98.37	-8.61564
Ag <sub>7</sub> Pd <sub>9</sub> F <sub>27</sub> _Na <sub>7</sub> (WO <sub>3</sub> ) <sub>9</sub> _5	69.88	-8.12305	AgPdF <sub>4</sub> _EuSeO <sub>4</sub> _1	99.37	-12.0826
AgPdF <sub>6</sub> _LiFeF <sub>6</sub> _6	71.39	-14.9831	Ag <sub>12</sub> Pd <sub>8</sub> F <sub>27</sub> _Sr <sub>12</sub> Fe <sub>8</sub> O <sub>27</sub> _3	99.45	-83.1198
Ag <sub>5</sub> Pd <sub>2</sub> F <sub>12</sub> _Tb <sub>5</sub> (RuO <sub>6</sub> ) <sub>2</sub> _6	72.44	-12.0826	AgPdF <sub>5</sub> _ZnCuF <sub>5</sub> _3	99.55	-50.9413
Ag <sub>4</sub> Pd <sub>3</sub> F <sub>12</sub> _Mn <sub>12</sub> Ge <sub>4</sub> N <sub>3</sub> _3	74.88	-83.1198	Ag <sub>4</sub> Pd <sub>4</sub> F <sub>13</sub> _Ru <sub>4</sub> Pb <sub>4</sub> O <sub>13</sub> _1	100.99	-7.68368
AgPd <sub>12</sub> F <sub>33</sub> _Ta <sub>12</sub> MoO <sub>33</sub> _3	76.42	-162.607	Ag <sub>3</sub> Pd <sub>3</sub> F <sub>11</sub> _La <sub>3</sub> Pt <sub>3</sub> O <sub>11</sub> _1	102.06	-170.824
AgPd <sub>4</sub> F <sub>8</sub> _NaTa <sub>4</sub> O <sub>8</sub> _3	76.50	-9.21292	Ag <sub>16</sub> Pd <sub>8</sub> F <sub>29</sub> _Sr <sub>16</sub> Mn <sub>8</sub> O <sub>29</sub> _5	102.24	-44.5738
Ag <sub>4</sub> Pd <sub>2</sub> F <sub>9</sub> _Sr <sub>4</sub> Ru <sub>2</sub> O <sub>9</sub> _3	77.44	-90.9198	Ag <sub>3</sub> Pd <sub>16</sub> F <sub>32</sub> _Sr <sub>3</sub> (RhO <sub>2</sub> ) <sub>16</sub> _5	103.22	-26.8075
Ag <sub>3</sub> Pd <sub>12</sub> _Cu <sub>3</sub> SbF <sub>12</sub> _1	81.41	-6.17149	Ag <sub>28</sub> Pd <sub>14</sub> F <sub>3</sub> _Ba <sub>3</sub> (RhO <sub>2</sub> ) <sub>14</sub> _5	108.25	-63.498
AgPdF <sub>4</sub> _NaYF <sub>4</sub> _3	82.55	-28.4262	AgPd <sub>2</sub> F <sub>5</sub> _TmMn <sub>2</sub> O <sub>5</sub> _5	108.83	-185.458
AgPdF <sub>6</sub> _NaVF <sub>6</sub> _3	83.18	-129.149	AgPd <sub>5</sub> F <sub>10</sub> _NaTi <sub>5</sub> O <sub>10</sub> _5	108.94	-13.1986
Ag <sub>3</sub> Pd <sub>3</sub> F <sub>10</sub> _Tl <sub>3</sub> Os <sub>3</sub> O <sub>10</sub> _3	83.53	-21.0172	Ag <sub>2</sub> PdF <sub>6</sub> _Ca <sub>2</sub> H <sub>6</sub> Os_3	109.13	-58.9395
Ag <sub>14</sub> Pd <sub>10</sub> F <sub>39</sub> _Nb <sub>10</sub> Pb <sub>14</sub> O <sub>39</sub> _1	84.03	-84.4339	Ag <sub>3</sub> Pd <sub>5</sub> F_Li <sub>5</sub> TiN <sub>3</sub> _5	110.04	-148.501
AgPd <sub>8</sub> F <sub>16</sub> _BaTi <sub>8</sub> O <sub>16</sub> _2	85.26	-6.04457	Ag <sub>15</sub> Pd <sub>32</sub> F <sub>2</sub> _K <sub>2</sub> Ta <sub>15</sub> O <sub>32</sub> _5	110.09	-130.502
Ag <sub>3</sub> Pd <sub>5</sub> F <sub>12</sub> _La <sub>3</sub> Sb <sub>5</sub> O <sub>12</sub> _1	86.43	-48.0782	Ag <sub>2</sub> Pd <sub>15</sub> F <sub>32</sub> _K <sub>2</sub> Ta <sub>15</sub> O <sub>32</sub> _1	110.23	-44.784
Ag <sub>21</sub> Pd <sub>14</sub> F <sub>47</sub> _Sr <sub>21</sub> Fe <sub>14</sub> O <sub>47</sub> _3	86.51	-54.3525	Ag <sub>6</sub> Pd <sub>7</sub> F <sub>2</sub> _Li <sub>6</sub> Hf <sub>2</sub> O <sub>7</sub> _6	111.61	-46.1788
Ag <sub>5</sub> Pd <sub>13</sub> F <sub>30</sub> _Mg <sub>5</sub> Ti <sub>13</sub> O <sub>30</sub> _5	90.14	-74.326	Ag <sub>32</sub> Pd <sub>16</sub> F <sub>3</sub> _Rb <sub>3</sub> Mn <sub>16</sub> O <sub>32</sub> _2	111.71	-214.463
AgPd <sub>9</sub> F <sub>25</sub> _Nb <sub>9</sub> VO <sub>25</sub> _3	90.23	-21.5549	Ag <sub>3</sub> Pd <sub>20</sub> F <sub>40</sub> _Ba <sub>3</sub> Ti <sub>20</sub> O <sub>40</sub> _2	114.76	-16.3421
AgPd <sub>2</sub> F <sub>6</sub> _Tm <sub>2</sub> WO <sub>6</sub> _6	90.34	-82.0771	Ag <sub>12</sub> Pd <sub>6</sub> F_Rb(IrO <sub>2</sub> ) <sub>6</sub> _6	114.92	-31.8258
AgPdF <sub>6</sub> _LiMnF <sub>6</sub> _4	90.48	-73.649	Ag <sub>2</sub> Pd <sub>3</sub> F <sub>7</sub> _Ca <sub>3</sub> Fe <sub>2</sub> O <sub>7</sub> _3	115.52	-38.4261
AgPdF <sub>3</sub> _YReN <sub>3</sub> _6	90.49	-51.9733	Ag <sub>5</sub> Pd <sub>4</sub> F_CeU <sub>4</sub> N <sub>5</sub> _5	116.45	-176.359
Ag <sub>8</sub> Pd <sub>3</sub> F_Ti <sub>8</sub> Cu <sub>3</sub> Ni_4	90.57	-9.13317	Ag <sub>17</sub> Pd <sub>12</sub> F_Ti <sub>17</sub> CuP <sub>12</sub> _6	116.95	-64.2842
Ag <sub>3</sub> PdF <sub>6</sub> _Ca <sub>3</sub> WO <sub>6</sub> _2	90.91	-80.4506	Ag <sub>7</sub> Pd <sub>12</sub> F_Mn <sub>7</sub> GeO <sub>12</sub> _6	118.10	-55.3586
AgPd <sub>2</sub> F <sub>12</sub> _BaAs <sub>2</sub> F <sub>12</sub> _2	92.35	-61.701	Ag <sub>10</sub> Pd <sub>4</sub> F_ZrU <sub>4</sub> O <sub>10</sub> _3	119.00	-7.56993
AgPd <sub>13</sub> F <sub>33</sub> _NaNb <sub>13</sub> O <sub>33</sub> _3	93.03	-0.087	Ag <sub>3</sub> Pd <sub>2</sub> F_Nb <sub>3</sub> AlC <sub>2</sub> _2	120.97	-186.84
Ag <sub>3</sub> Pd <sub>16</sub> F <sub>32</sub> _Rb <sub>3</sub> Mn <sub>16</sub> O <sub>32</sub> _5	93.68	-113.649	AgPdF <sub>4</sub> _ZnCrO <sub>4</sub> _4	121.91	-36.4862
AgPd <sub>3</sub> F <sub>12</sub> _Cu <sub>3</sub> SbF <sub>12</sub> _3	93.98	-96.9939	AgPdF <sub>3</sub> _LaAlO <sub>3</sub> _3	122.81	-223.579
Ag <sub>2</sub> PdF <sub>12</sub> _CaCr <sub>2</sub> F <sub>12</sub> _4	94.02	-80.2395	Ag <sub>3</sub> Pd <sub>8</sub> F_Ti <sub>8</sub> Cu <sub>3</sub> Ni_2	124.78	-43.5242
Ag <sub>3</sub> PdF <sub>6</sub> _Pr <sub>3</sub> GaO <sub>6</sub> _5	94.33	-66.3199	Ag <sub>40</sub> Pd <sub>20</sub> F <sub>3</sub> _Ba <sub>3</sub> Ti <sub>20</sub> O <sub>40</sub> _5	124.84	-9.61277
AgPd <sub>2</sub> F <sub>6</sub> _Hg(SbO <sub>3</sub> ) <sub>2</sub> _1	94.76	-45.3916	AgPdF <sub>3</sub> _TaTlO <sub>3</sub> _3	125.37	-23.2981
AgPd <sub>6</sub> F <sub>12</sub> _Rb(IrO <sub>2</sub> ) <sub>6</sub> _1	94.80	-139.27	AgPd <sub>8</sub> F <sub>14</sub> _BaNb <sub>8</sub> O <sub>14</sub> _3	129.25	-95.3692
Ag <sub>12</sub> Pd <sub>8</sub> F <sub>3</sub> _Al <sub>3</sub> (V <sub>3</sub> C <sub>2</sub> ) <sub>4</sub> _4	95.68	-67.3996	AgPdF <sub>3</sub> _GdInO <sub>3</sub> _1	129.35	-187.974

Ag <sub>2</sub> PdF <sub>5</sub> _Ce <sub>2</sub> TiO <sub>5</sub> _2	129.57	-136.435	Ag <sub>4</sub> Pd <sub>8</sub> F_Rb(RuO <sub>2</sub> ) <sub>4</sub> _5	155.40	-138.346
Ag <sub>8</sub> Pd <sub>19</sub> F <sub>2</sub> _U <sub>8</sub> Bi <sub>2</sub> O <sub>19</sub> _2	130.14	-73.3638	Ag <sub>4</sub> Pd <sub>10</sub> F_ZrU <sub>4</sub> O <sub>10</sub> _1	156.93	-27.6176
Ag <sub>2</sub> Pd <sub>7</sub> F <sub>16</sub> _Sr <sub>2</sub> Zr <sub>7</sub> O <sub>16</sub> _5	131.27	-50.9413	Ag <sub>2</sub> Pd <sub>5</sub> _Nd <sub>2</sub> Pd <sub>2</sub> O <sub>5</sub> _4	159.14	-186.729
Ag <sub>12</sub> Pd <sub>17</sub> F_Ti <sub>17</sub> CuP <sub>12</sub> _5	131.27	-7.68368	Ag <sub>2</sub> Pd <sub>16</sub> F_Sm <sub>2</sub> TiCo <sub>16</sub> _3	160.15	-93.7587
AgPd <sub>2</sub> F <sub>6</sub> _YU <sub>2</sub> O <sub>6</sub> _3	131.48	-186.729	Ag <sub>7</sub> Pd <sub>12</sub> F_Y <sub>7</sub> HoO <sub>12</sub> _2	160.98	-72.1349
Ag <sub>6</sub> Pd <sub>23</sub> F_Zr <sub>6</sub> Zn <sub>23</sub> Si_4	132.60	-93.7587	Ag <sub>8</sub> Pd <sub>3</sub> F_TaSb <sub>3</sub> O <sub>8</sub> _6	161.09	-280.35
Ag <sub>4</sub> Pd <sub>9</sub> F <sub>2</sub> _Mg <sub>4</sub> Sb <sub>2</sub> O <sub>9</sub> _5	133.76	-105.041	Ag <sub>6</sub> Pd <sub>8</sub> F_Na <sub>8</sub> CoO <sub>6</sub> _6	162.14	-39.1154
Ag <sub>19</sub> Pd <sub>32</sub> F <sub>5</sub> _Mg <sub>5</sub> Co <sub>19</sub> O <sub>32</sub> _2	136.14	-46.6634	Ag <sub>5</sub> Pd <sub>12</sub> F_U <sub>5</sub> ClO <sub>12</sub> _2	163.39	-247.148
Ag <sub>3</sub> PdF <sub>12</sub> _Er(ReO <sub>4</sub> ) <sub>3</sub> _1	136.51	-76.7524	Ag <sub>8</sub> Pd <sub>4</sub> F_Rb(RuO <sub>2</sub> ) <sub>4</sub> _6	164.27	-15.0542
Ag <sub>6</sub> Pd <sub>6</sub> F_Hf <sub>6</sub> Zn <sub>6</sub> N_6	136.51	-6.733	Ag <sub>14</sub> Pd <sub>4</sub> F_Li <sub>14</sub> MgSi <sub>4</sub> _4	165.35	-225.423
AgPd <sub>6</sub> F_EuZrF <sub>6</sub> _6	136.98	-206.04	Ag <sub>9</sub> PdF <sub>27</sub> _Na(WO <sub>3</sub> ) <sub>9</sub> _6	165.50	-2.44645
Ag <sub>2</sub> PdF <sub>6</sub> _Sr <sub>2</sub> CuH <sub>6</sub> _4	137.23	-147.775	Ag <sub>3</sub> Pd <sub>15</sub> F_LuZr <sub>3</sub> F <sub>15</sub> _6	165.57	-79.7658
Ag <sub>11</sub> Pd <sub>8</sub> F_Ti <sub>11</sub> CuP <sub>8</sub> _6	138.92	-57.9511	Ag <sub>20</sub> Pd <sub>9</sub> F <sub>3</sub> _Mg <sub>3</sub> Ti <sub>9</sub> O <sub>20</sub> _2	166.38	-92.4291
Ag <sub>5</sub> Pd <sub>16</sub> F_Ni <sub>16</sub> GeP <sub>5</sub> _2	139.22	-65.7131	Ag <sub>3</sub> Pd <sub>17</sub> F <sub>2</sub> _Tm <sub>2</sub> Fe <sub>17</sub> C <sub>3</sub> _3	166.75	-303.77
Ag <sub>12</sub> Pd <sub>37</sub> F <sub>2</sub> _Al <sub>37</sub> (Fe <sub>6</sub> Cu) <sub>2</sub> _6	140.97	-88.0762	Ag <sub>19</sub> Pd <sub>8</sub> F <sub>2</sub> _U <sub>8</sub> Bi <sub>2</sub> O <sub>19</sub> _4	167.68	-1.83543
Ag <sub>5</sub> Pd <sub>10</sub> F_NaTi <sub>5</sub> O <sub>10</sub> _4	142.22	-61.5011	Ag <sub>8</sub> Pd <sub>11</sub> F_Ti <sub>11</sub> CuP <sub>8</sub> _5	167.92	-51.1568
Ag <sub>9</sub> Pd <sub>39</sub> F <sub>2</sub> _Al <sub>2</sub> (Zn <sub>13</sub> Pd <sub>3</sub> ) <sub>3</sub> _4	142.85	-185.207	Ag <sub>6</sub> Pd <sub>5</sub> F_Li <sub>5</sub> IO <sub>6</sub> _5	168.57	-131.165
Ag <sub>32</sub> Pd <sub>21</sub> F <sub>3</sub> _Co <sub>21</sub> Cu <sub>3</sub> O <sub>32</sub> _4	143.02	-134.801	Ag <sub>13</sub> Pd <sub>5</sub> F_NaSb <sub>5</sub> O <sub>13</sub> _4	168.69	-77.3433
Ag <sub>11</sub> PdF <sub>33</sub> _La(WO <sub>3</sub> ) <sub>11</sub> _4	143.42	-49.3241	Ag <sub>2</sub> Pd <sub>5</sub> F_Ba <sub>2</sub> Sc <sub>2</sub> O <sub>5</sub> _5	169.22	-16.0313
Ag <sub>33</sub> Pd <sub>13</sub> F_NaNb <sub>13</sub> O <sub>33</sub> _4	144.05	-55.1175	Ag <sub>15</sub> Pd <sub>3</sub> F_Zr <sub>3</sub> TlF <sub>15</sub> _5	169.33	-119.635
Ag <sub>4</sub> PdF_InSbO <sub>4</sub> _4	145.67	-62.1171	Ag <sub>9</sub> Pd <sub>2</sub> F_CsU <sub>2</sub> F <sub>9</sub> _6	171.21	-247.613
Ag <sub>14</sub> Pd <sub>28</sub> F <sub>3</sub> _Ba <sub>3</sub> (RhO <sub>2</sub> ) <sub>14</sub> _6	146.04	-351.317	Ag <sub>2</sub> Pd <sub>7</sub> F <sub>15</sub> _Mg <sub>2</sub> Ti <sub>7</sub> O <sub>15</sub> _5	171.26	-79.6034
Ag <sub>3</sub> Pd <sub>20</sub> F_BiSb <sub>3</sub> F <sub>20</sub> _2	146.85	-61.048	Ag <sub>16</sub> Pd <sub>8</sub> F_BaMn <sub>8</sub> O <sub>16</sub> _5	171.98	-156.032
Ag <sub>4</sub> Pd <sub>2</sub> F_Sr(RhO <sub>2</sub> ) <sub>2</sub> _2	147.37	-12.2346	Ag <sub>3</sub> Pd <sub>15</sub> F_Zr <sub>3</sub> TlF <sub>15</sub> _6	172.66	-188.964
Ag <sub>3</sub> Pd <sub>2</sub> F <sub>7</sub> _Ca <sub>3</sub> Fe <sub>2</sub> O <sub>7</sub> _1	147.79	-41.8916	Ag <sub>4</sub> PdF <sub>4</sub> _Ca <sub>4</sub> ZrN <sub>4</sub> _5	173.81	-0.21635
AgPd <sub>7</sub> F <sub>12</sub> _Mn <sub>7</sub> GeO <sub>12</sub> _2	148.97	-119.056	Ag <sub>12</sub> Pd <sub>2</sub> F_BaSb <sub>2</sub> F <sub>12</sub> _6	174.26	-7.5345
AgPd <sub>2</sub> F <sub>5</sub> _Sc <sub>2</sub> TiO <sub>5</sub> _4	149.08	-243.101	Ag <sub>2</sub> Pd <sub>11</sub> F_NdHf <sub>2</sub> F <sub>11</sub> _1	174.76	-157.055
Ag <sub>5</sub> Pd <sub>13</sub> F_NaSb <sub>5</sub> O <sub>13</sub> _2	149.19	-73.2497	Ag <sub>39</sub> Pd <sub>9</sub> F <sub>2</sub> _Al <sub>2</sub> (Zn <sub>13</sub> Pd <sub>3</sub> ) <sub>3</sub> _2	175.91	-90.9663
Ag <sub>9</sub> Pd <sub>9</sub> F_Sc(TiN) <sub>9</sub> _5	150.10	-378.699	Ag <sub>19</sub> Pd <sub>32</sub> F <sub>5</sub> _Zn <sub>5</sub> Co <sub>19</sub> O <sub>32</sub> _2	175.93	-87.852
Ag <sub>16</sub> Pd <sub>8</sub> F_Mn <sub>8</sub> PbO <sub>16</sub> _5	152.43	-87.9495	AgPdF <sub>4</sub> _CoSi <sub>4</sub> Ni_4	176.02	-51.0456
Ag <sub>12</sub> Pd <sub>4</sub> F_Mn <sub>12</sub> Pt <sub>4</sub> N_6	152.79	-145.05	Ag <sub>3</sub> Pd <sub>13</sub> F_U <sub>3</sub> TlF <sub>13</sub> _2	176.40	-197.226
AgPd <sub>2</sub> F <sub>6</sub> _Cs(OsO <sub>3</sub> ) <sub>2</sub> _3	153.67	-42.9381	Ag <sub>4</sub> Pd <sub>12</sub> F_Mn <sub>12</sub> Pt <sub>4</sub> N_5	176.86	-108.329
Ag <sub>6</sub> Pd <sub>3</sub> F <sub>2</sub> _Na <sub>2</sub> Nb <sub>3</sub> O <sub>6</sub> _4	155.20	-2.11018	Ag <sub>25</sub> Pd <sub>9</sub> F_Nb <sub>9</sub> VO <sub>25</sub> _4	177.35	-88.585

AgPd <sub>3</sub> F <sub>6</sub> _Ni(PtO <sub>2</sub> ) <sub>3</sub> _3	177.47	-36.2138	Ag <sub>8</sub> Pd <sub>2</sub> F_BaLu <sub>2</sub> F <sub>8</sub> _6	190.86	-57.4004
Ag <sub>2</sub> PdF_GaCuO <sub>2</sub> _5	178.70	-0.81872	Ag <sub>10</sub> Pd <sub>3</sub> F_Y <sub>3</sub> TlF <sub>10</sub> _6	191.59	-7.52956
Ag <sub>2</sub> PdF <sub>4</sub> _Eu <sub>2</sub> TiO <sub>4</sub> _2	178.80	-72.1349	Ag <sub>9</sub> Pd <sub>3</sub> F_ErTa <sub>3</sub> O <sub>9</sub> _4	191.67	-76.512
Ag <sub>17</sub> PdF_CeUZn <sub>17</sub> _5	179.29	-280.35	Ag <sub>12</sub> Pd <sub>6</sub> F_Lu <sub>6</sub> WO <sub>12</sub> _3	192.06	-32.751
Ag <sub>8</sub> Pd <sub>14</sub> F_BaNb <sub>8</sub> O <sub>14</sub> _2	179.32	-76.512	Ag <sub>5</sub> Pd <sub>3</sub> F_RbIn <sub>3</sub> O <sub>5</sub> _6	192.11	-146.646
Ag <sub>12</sub> Pd <sub>5</sub> F <sub>2</sub> _Y <sub>5</sub> U <sub>2</sub> O <sub>12</sub> _6	179.40	-32.751	Ag <sub>2</sub> Pd <sub>4</sub> F_Y <sub>2</sub> HgO <sub>4</sub> _5	192.37	-50.6997
Ag <sub>7</sub> Pd <sub>3</sub> F_Er <sub>3</sub> TaO <sub>7</sub> _6	180.77	-58.4261	Ag <sub>4</sub> Pd <sub>3</sub> F_Fe <sub>3</sub> NiP <sub>4</sub> _5	192.65	-173.734
Ag <sub>23</sub> Pd <sub>6</sub> F_Zr <sub>6</sub> Zn <sub>23</sub> Si_2	181.02	-46.5211	AgPd <sub>5</sub> F <sub>12</sub> _LaSb <sub>5</sub> O <sub>12</sub> _1	193.20	-203.665
Ag <sub>5</sub> Pd <sub>4</sub> F_Li <sub>4</sub> WO <sub>5</sub> _2	182.05	-1.55947	Ag <sub>4</sub> Pd <sub>2</sub> F_Co <sub>2</sub> Mo <sub>4</sub> N_4	193.38	-102.994
Ag <sub>33</sub> Pd <sub>12</sub> F_Ta <sub>12</sub> MoO <sub>33</sub> _4	182.28	-50.439	Ag <sub>15</sub> Pd <sub>3</sub> F_LuZr <sub>3</sub> F <sub>15</sub> _5	193.65	-449.295
AgPd <sub>3</sub> F <sub>7</sub> _Ta <sub>3</sub> O <sub>7</sub> F_3	182.31	-44.0388	Ag <sub>9</sub> Pd <sub>2</sub> F_NaU <sub>2</sub> F <sub>9</sub> _4	194.03	-132.817
Ag <sub>27</sub> Pd <sub>4</sub> F <sub>2</sub> _Al <sub>27</sub> (FeNi <sub>2</sub> ) <sub>2</sub> _3	183.30	-135.39	Ag <sub>5</sub> Pd <sub>3</sub> F_Ti <sub>5</sub> Si <sub>3</sub> C_6	194.04	-140.792
Ag <sub>10</sub> Pd <sub>3</sub> F_CsSc <sub>3</sub> F <sub>10</sub> _4	184.33	-144.849	Ag <sub>5</sub> Pd <sub>2</sub> F_Sc <sub>2</sub> TiO <sub>5</sub> _3	195.08	-147.246
Ag <sub>6</sub> PdF <sub>8</sub> _Li <sub>6</sub> NiCl <sub>8</sub> _6	185.02	-24.2321	Ag <sub>2</sub> PdF_CuAuO <sub>2</sub> _6	195.69	-1.20392
Ag <sub>3</sub> PdF_FeSnO <sub>3</sub> _2	185.72	-33.5981	Ag <sub>5</sub> PdF <sub>5</sub> _Ca <sub>5</sub> NbN <sub>5</sub> _6	197.83	-220.301
Ag <sub>4</sub> Pd <sub>2</sub> F_MgV <sub>2</sub> O <sub>4</sub> _6	185.79	-72.8006	Ag <sub>16</sub> Pd <sub>7</sub> F <sub>2</sub> _Sr <sub>2</sub> Zr <sub>7</sub> O <sub>16</sub> _2	198.81	-16.3957
Ag <sub>9</sub> Pd <sub>25</sub> F_Nb <sub>9</sub> VO <sub>25</sub> _2	186.75	-22.1714	Ag <sub>33</sub> Pd <sub>11</sub> F_La(WO <sub>3</sub> ) <sub>11</sub> _5	198.89	-100.383
Ag <sub>11</sub> Pd <sub>25</sub> F <sub>60</sub> _Mg <sub>11</sub> Ti <sub>25</sub> O <sub>60</sub> _5	187.32	-108.134	Ag <sub>5</sub> Pd <sub>5</sub> F_Li <sub>5</sub> TaO <sub>5</sub> _5	199.25	-104.999
Ag <sub>27</sub> Pd <sub>10</sub> F <sub>4</sub> _Y <sub>10</sub> U <sub>4</sub> O <sub>27</sub> _6	188.14	-50.2952	Ag <sub>3</sub> Pd <sub>8</sub> F_TaSb <sub>3</sub> O <sub>8</sub> _5	199.25	-248.025
Ag <sub>10</sub> Pd <sub>6</sub> F_Nb <sub>10</sub> Ge <sub>6</sub> C_1	188.28	-382.185	Ag <sub>27</sub> Pd <sub>7</sub> F <sub>9</sub> _Na <sub>7</sub> (WO <sub>3</sub> ) <sub>9</sub> _1	199.36	-41.2104
AgPd <sub>2</sub> F <sub>4</sub> _SrSc <sub>2</sub> O <sub>4</sub> _3	188.38	-49.2118	Ag <sub>47</sub> Pd <sub>17</sub> F <sub>3</sub> _Sm <sub>3</sub> Ta <sub>17</sub> O <sub>47</sub> _5	200.11	-28.6526
Ag <sub>6</sub> Pd <sub>12</sub> F_Rb(IrO <sub>2</sub> ) <sub>6</sub> _5	188.67	-92.2219	Ag <sub>2</sub> Pd <sub>14</sub> F_Y <sub>2</sub> Fe <sub>14</sub> C_5	200.23	-376.015
Ag <sub>27</sub> Pd <sub>9</sub> F_Na(WO <sub>3</sub> ) <sub>9</sub> _2	188.79	-64.0385	Ag <sub>7</sub> PdF_LuPtF <sub>7</sub> _6	200.56	-11.1168
Ag <sub>2</sub> Pd <sub>7</sub> F_InPb <sub>2</sub> F <sub>7</sub> _1	189.37	-224.212	Ag <sub>2</sub> Pd <sub>2</sub> F <sub>11</sub> _Ta <sub>2</sub> Mo <sub>2</sub> O <sub>11</sub> _3	201.92	-127.655
Ag <sub>4</sub> Pd <sub>5</sub> F_Li <sub>5</sub> AuO <sub>4</sub> _5	189.51	-5.50317	AgPd <sub>7</sub> F_LuHfF <sub>7</sub> _2	201.98	-138.162
Ag <sub>6</sub> Pd <sub>3</sub> F_Ta <sub>3</sub> NO <sub>6</sub> _6	189.57	-46.401	AgPdF <sub>4</sub> _GdAsO <sub>4</sub> _6	202.00	-225.835
AgPd <sub>2</sub> F <sub>5</sub> _Lu <sub>2</sub> TiO <sub>5</sub> _4	189.65	-37.4264	Ag <sub>6</sub> Pd <sub>11</sub> F <sub>5</sub> _Zn <sub>6</sub> B <sub>5</sub> Ir <sub>11</sub> _2	202.13	-160.692
Ag <sub>2</sub> PdF_CrAuO <sub>2</sub> _5	190.05	-89.0534	Ag <sub>4</sub> Pd <sub>3</sub> F_LiTa <sub>3</sub> N <sub>4</sub> _1	202.28	-26.8036
Ag <sub>2</sub> Pd <sub>5</sub> F_Lu <sub>2</sub> TiO <sub>5</sub> _1	190.15	-156.023	AgPd <sub>4</sub> F_KGdF <sub>4</sub> _2	202.30	-32.3361
Ag <sub>3</sub> Pd <sub>2</sub> F_Li <sub>2</sub> IrO <sub>3</sub> _2	190.42	-208.024	Ag <sub>12</sub> Pd <sub>5</sub> F <sub>2</sub> _Lu <sub>5</sub> (ReO <sub>6</sub> ) <sub>2</sub> _4	202.56	-233.639
Ag <sub>10</sub> Pd <sub>5</sub> F_NaTi <sub>5</sub> O <sub>10</sub> _2	190.55	-77.2326	Ag <sub>2</sub> Pd <sub>6</sub> F_YU <sub>2</sub> O <sub>6</sub> _2	203.04	-29.5574
AgPd <sub>2</sub> F <sub>4</sub> _Y <sub>2</sub> HgO <sub>4</sub> _1	190.55	-72.1971	Ag <sub>15</sub> PdF <sub>3</sub> _LuZr <sub>3</sub> F <sub>15</sub> _3	203.56	-33.1499
Ag <sub>9</sub> Pd <sub>9</sub> F_Sc(TiN) <sub>9</sub> _6	190.71	-44.4881	Ag <sub>10</sub> Pd <sub>27</sub> F <sub>4</sub> _Y <sub>10</sub> U <sub>4</sub> O <sub>27</sub> _5	203.59	-216.42

Ag <sub>19</sub> Pd <sub>7</sub> F_PrTa <sub>7</sub> O <sub>19</sub> _4	204.27	-80.7474	AgPd <sub>7</sub> F_LuZrF <sub>7</sub> _1	215.49	-13.2492
AgPd <sub>2</sub> F <sub>4</sub> _Sr(RhO <sub>2</sub> ) <sub>2</sub> _5	204.50	-105.203	Ag <sub>57</sub> Pd <sub>17</sub> F <sub>19</sub> _Na <sub>17</sub> (WO <sub>3</sub> ) <sub>19</sub> _1	215.57	-242.378
AgPd <sub>2</sub> F <sub>4</sub> _SrNb <sub>2</sub> O <sub>4</sub> _3	205.03	-291.572	Ag <sub>37</sub> Pd <sub>12</sub> F <sub>2</sub> _Al <sub>37</sub> (Fe <sub>6</sub> Cu) <sub>2</sub> _5	215.66	-98.0154
Ag <sub>6</sub> Pd <sub>21</sub> F <sub>2</sub> _Ni <sub>21</sub> (GeB <sub>3</sub> ) <sub>2</sub> _5	205.35	-146.646	Ag <sub>20</sub> Pd <sub>3</sub> F_BiSb <sub>3</sub> F <sub>20</sub> _4	215.84	-47.4357
Ag <sub>4</sub> Pd <sub>2</sub> F_Y <sub>2</sub> HgO <sub>4</sub> _6	205.50	-98.0154	AgPd <sub>14</sub> F <sub>2</sub> _Y <sub>2</sub> Fe <sub>14</sub> C_2	216.26	-70.3745
Ag <sub>7</sub> PdF_LuZrF <sub>7</sub> _3	205.54	-47.4357	Ag <sub>6</sub> Pd <sub>2</sub> F_Na <sub>2</sub> CeF <sub>6</sub> _6	216.71	-31.7872
Ag <sub>4</sub> Pd <sub>2</sub> F_SrNb <sub>2</sub> O <sub>4</sub> _4	205.66	-233.762	Ag <sub>3</sub> Pd <sub>8</sub> F_NaSb <sub>3</sub> O <sub>8</sub> _2	216.74	-141.239
Ag <sub>6</sub> PdF_ZnCrF <sub>6</sub> _5	206.43	-81.1883	Ag <sub>4</sub> Pd <sub>2</sub> F_Ca(AgO <sub>2</sub> ) <sub>2</sub> _6	216.92	-57.1278
Ag <sub>9</sub> Pd <sub>4</sub> F <sub>2</sub> _Mg <sub>4</sub> Sb <sub>2</sub> O <sub>9</sub> _6	207.28	-37.9809	Ag <sub>6</sub> Pd <sub>2</sub> F_K <sub>2</sub> SnF <sub>6</sub> _3	217.35	-68.1588
Ag <sub>2</sub> Pd <sub>6</sub> F_Ni(IO <sub>3</sub> ) <sub>2</sub> _2	207.42	-1.34899	Ag <sub>12</sub> Pd <sub>7</sub> F_Y <sub>7</sub> HoO <sub>12</sub> _4	217.50	-163.293
Ag <sub>7</sub> Pd <sub>2</sub> F_InPb <sub>2</sub> F <sub>7</sub> _3	207.78	-66.8612	Ag <sub>2</sub> Pd <sub>3</sub> F_Na <sub>2</sub> PdO <sub>3</sub> _5	218.26	-17.1154
Ag <sub>6</sub> Pd <sub>2</sub> F_LiCu <sub>2</sub> F <sub>6</sub> _3	207.82	-288.595	Ag <sub>3</sub> Pd <sub>4</sub> F_LiTa <sub>3</sub> N <sub>4</sub> _3	218.50	-38.2704
Ag <sub>5</sub> Pd <sub>12</sub> F <sub>2</sub> _Lu <sub>5</sub> (ReO <sub>6</sub> ) <sub>2</sub> _2	207.87	-76.4566	Ag <sub>2</sub> Pd <sub>7</sub> F <sub>12</sub> _U <sub>2</sub> Co <sub>12</sub> P <sub>7</sub> _6	219.34	-86.7713
Ag <sub>12</sub> Pd <sub>4</sub> F <sub>3</sub> _Lu <sub>4</sub> Hf <sub>3</sub> O <sub>12</sub> _6	208.17	-122.112	Ag <sub>3</sub> Pd <sub>2</sub> F_Mg <sub>2</sub> NbN <sub>3</sub> _2	219.59	-61.6421
Ag <sub>4</sub> Pd <sub>5</sub> F_Na <sub>5</sub> FeO <sub>4</sub> _4	208.22	-29.6253	Ag <sub>7</sub> Pd <sub>2</sub> F_KTm <sub>2</sub> F <sub>7</sub> _5	219.64	-137.693
Ag <sub>5</sub> Pd <sub>6</sub> F_Li <sub>5</sub> OsO <sub>6</sub> _6	208.37	-82.0838	Ag <sub>3</sub> Pd <sub>7</sub> F_Er <sub>3</sub> TaO <sub>7</sub> _5	220.77	-103.329
Ag <sub>6</sub> PdF_BaIrF <sub>6</sub> _3	209.12	-49.2166	Ag <sub>4</sub> Pd <sub>5</sub> F_Li <sub>4</sub> WO <sub>5</sub> _4	220.95	-34.4964
Ag <sub>16</sub> Pd <sub>6</sub> F <sub>5</sub> _Mg <sub>6</sub> Te <sub>5</sub> O <sub>16</sub> _6	210.05	-179.091	Ag <sub>12</sub> Pd <sub>5</sub> F_U <sub>5</sub> ClO <sub>12</sub> _4	221.12	-84.8178
Ag <sub>5</sub> Pd <sub>8</sub> F_Co <sub>5</sub> SbO <sub>8</sub> _2	210.12	-117.256	AgPd <sub>7</sub> F_LuPtF <sub>7</sub> _2	221.55	-19.4336
Ag <sub>7</sub> Pd <sub>6</sub> F_Li <sub>7</sub> BiO <sub>6</sub> _4	210.55	-62.2568	Ag <sub>2</sub> Pd <sub>4</sub> F_Ni(AsO <sub>2</sub> ) <sub>2</sub> _4	222.68	-1.53055
Ag <sub>7</sub> PdF_BaWF <sub>7</sub> _3	211.08	-201.194	Ag <sub>12</sub> PdF_MnAl <sub>12</sub> Fe_2	223.63	-200.8
Ag <sub>4</sub> Pd <sub>3</sub> F_Ti <sub>4</sub> GaC <sub>3</sub> _4	211.18	-73.1576	Ag <sub>3</sub> Pd <sub>6</sub> F_Li <sub>3</sub> FeF <sub>6</sub> _4	223.82	-342.572
Ag <sub>7</sub> Pd <sub>31</sub> F <sub>6</sub> _Zr <sub>6</sub> Ag <sub>7</sub> F <sub>31</sub> _1	211.58	-32.1621	Ag <sub>27</sub> Pd <sub>9</sub> F <sub>8</sub> _Ba <sub>9</sub> Rh <sub>8</sub> O <sub>27</sub> _3	224.10	-27.7994
Ag <sub>15</sub> PdF <sub>3</sub> _Zr <sub>3</sub> TlF <sub>15</sub> _3	211.72	-209.998	Ag <sub>7</sub> Pd <sub>3</sub> F_Na <sub>3</sub> CeF <sub>7</sub> _6	224.30	-0.93723
Ag <sub>79</sub> Pd <sub>22</sub> F <sub>10</sub> _K <sub>10</sub> Gd <sub>22</sub> F <sub>79</sub> _6	211.80	-65.1588	AgPdF <sub>3</sub> _CaH <sub>3</sub> Pd_3	224.40	-189.205
AgPd <sub>4</sub> F <sub>4</sub> _Th(BOs) <sub>4</sub> _6	212.27	-85.3583	Ag <sub>17</sub> Pd <sub>47</sub> F <sub>3</sub> _Sm <sub>3</sub> Ta <sub>17</sub> O <sub>47</sub> _6	224.48	-68.743
Ag <sub>3</sub> Pd <sub>8</sub> F_Ho <sub>3</sub> ReO <sub>8</sub> _5	212.63	-74.6606	AgPd <sub>2</sub> F <sub>5</sub> _Ti <sub>2</sub> CoO <sub>5</sub> _2	224.50	-127.372
Ag <sub>6</sub> Pd <sub>12</sub> F_Lu <sub>6</sub> TeO <sub>12</sub> _2	213.20	-315.678	Ag <sub>9</sub> Pd <sub>60</sub> F <sub>20</sub> _K <sub>9</sub> (WO <sub>3</sub> ) <sub>20</sub> _1	224.67	-112.685
AgPd <sub>9</sub> F <sub>2</sub> _NaU <sub>2</sub> F <sub>9</sub> _5	214.63	-66.5408	Ag <sub>5</sub> Pd <sub>4</sub> F_Li <sub>5</sub> AuO <sub>4</sub> _6	224.92	-26.114
Ag <sub>2</sub> Pd <sub>6</sub> F_Tm <sub>2</sub> WO <sub>6</sub> _3	214.70	-34.4413	Ag <sub>5</sub> Pd <sub>4</sub> F_Na <sub>5</sub> FeO <sub>4</sub> _2	225.15	-152.496
Ag <sub>21</sub> Pd <sub>2</sub> F <sub>5</sub> _Dy <sub>2</sub> Au <sub>5</sub> F <sub>21</sub> _6	215.09	-6.2665	Ag <sub>8</sub> Pd <sub>4</sub> F_CaNb <sub>4</sub> O <sub>8</sub> _4	225.81	-6.6502
Ag <sub>2</sub> Pd <sub>6</sub> F_Nb <sub>2</sub> CdO <sub>6</sub> _5	215.16	-197.532	Ag <sub>13</sub> Pd <sub>3</sub> F_U <sub>3</sub> TlF <sub>13</sub> _4	226.57	-33.0538
Ag <sub>6</sub> PdF_LiWF <sub>6</sub> _5	215.29	-248.274	AgPdF <sub>3</sub> _ScGaO <sub>3</sub> _4	227.19	-64.0804

Ag <sub>16</sub> Pd <sub>5</sub> F <sub>5</sub> _La <sub>5</sub> Mn <sub>5</sub> O <sub>16</sub> _3	227.56	-38.5266	Ag <sub>60</sub> Pd <sub>25</sub> F <sub>11</sub> _Mg <sub>11</sub> Ti <sub>25</sub> O <sub>60</sub> _2	243.02	-120.07
Ag <sub>8</sub> Pd <sub>3</sub> F <sub>2</sub> _Mg <sub>2</sub> Mn <sub>3</sub> O <sub>8</sub> _2	227.76	-59.1424	AgPd <sub>15</sub> F <sub>3</sub> _LuZr <sub>3</sub> F <sub>15</sub> _1	243.51	-76.7728
Ag <sub>2</sub> Pd <sub>3</sub> F <sub>8</sub> _Ca <sub>2</sub> V <sub>3</sub> O <sub>8</sub> _1	228.04	-17.0943	Ag <sub>2</sub> Pd <sub>5</sub> F_Ti <sub>2</sub> CoO <sub>5</sub> _6	244.26	-45.4478
Ag <sub>3</sub> Pd <sub>2</sub> F_Li <sub>2</sub> RhO <sub>3</sub> _5	228.63	-70.3745	Ag <sub>9</sub> Pd <sub>2</sub> F_KPu <sub>2</sub> F <sub>9</sub> _6	245.03	-88.5688
Ag <sub>2</sub> Pd <sub>17</sub> F <sub>2</sub> _Ce <sub>2</sub> Mn <sub>17</sub> C <sub>2</sub> _2	228.74	-88.5688	Ag <sub>2</sub> Pd <sub>6</sub> F_Sb <sub>2</sub> WO <sub>6</sub> _3	245.11	-21.8024
Ag <sub>9</sub> Pd <sub>4</sub> F <sub>2</sub> _Ca <sub>4</sub> Ta <sub>2</sub> O <sub>9</sub> _3	229.33	-150.9	Ag <sub>2</sub> Pd <sub>9</sub> F_NaU <sub>2</sub> F <sub>9</sub> _2	245.26	-169.867
Ag <sub>13</sub> Pd <sub>33</sub> F_NaNb <sub>13</sub> O <sub>33</sub> _2	229.41	-76.3499	Ag <sub>3</sub> PdF <sub>6</sub> _Ni(PtO <sub>2</sub> ) <sub>3</sub> _1	245.42	-169.502
Ag <sub>2</sub> Pd <sub>27</sub> F <sub>4</sub> _Al <sub>27</sub> (FeNi <sub>2</sub> ) <sub>2</sub> _6	230.18	-21.5069	Ag <sub>32</sub> Pd <sub>16</sub> F <sub>3</sub> _Sr <sub>3</sub> (RhO <sub>2</sub> ) <sub>16</sub> _2	245.51	-31.0111
Ag <sub>9</sub> Pd <sub>20</sub> F <sub>3</sub> _Mg <sub>3</sub> Ti <sub>9</sub> O <sub>20</sub> _4	230.19	-35.4435	Ag <sub>7</sub> Pd <sub>27</sub> F <sub>9</sub> _Na <sub>7</sub> (WO <sub>3</sub> ) <sub>9</sub> _3	245.80	-36.1462
AgPd <sub>3</sub> F <sub>7</sub> _Lu <sub>3</sub> SbO <sub>7</sub> _3	230.47	-410.865	AgPd <sub>5</sub> F_CeTlF <sub>5</sub> _5	245.80	-87.784
Ag <sub>12</sub> Pd <sub>7</sub> F <sub>2</sub> _Co <sub>7</sub> (SbO <sub>6</sub> ) <sub>2</sub> _4	230.61	-81.569	Ag <sub>2</sub> Pd <sub>7</sub> F <sub>2</sub> _Ta <sub>2</sub> Pb <sub>2</sub> O <sub>7</sub> _2	246.36	-22.8747
Ag <sub>3</sub> Pd <sub>10</sub> F_Y <sub>3</sub> TlF <sub>10</sub> _5	231.20	-69.5255	AgPdF <sub>4</sub> _NaErF <sub>4</sub> _1	246.55	-209.054
Ag <sub>6</sub> Pd <sub>16</sub> F_BaTa <sub>6</sub> O <sub>16</sub> _6	231.50	-104.025	AgPd <sub>17</sub> F_SmGdCo <sub>17</sub> _3	246.79	-51.7456
Ag <sub>2</sub> Pd <sub>2</sub> F_Zr <sub>2</sub> N <sub>2</sub> O_2	231.62	-18.1605	Ag <sub>2</sub> Pd <sub>4</sub> F_Cd <sub>2</sub> PbO <sub>4</sub> _2	247.97	-30.6302
Ag <sub>5</sub> Pd <sub>12</sub> F <sub>2</sub> _Y <sub>5</sub> U <sub>2</sub> O <sub>12</sub> _5	232.05	-166.714	Ag <sub>7</sub> PdF_LuHfF <sub>7</sub> _4	248.51	-61.5528
Ag <sub>5</sub> Pd <sub>3</sub> F_Li <sub>5</sub> TiN <sub>3</sub> _6	232.49	-252.104	Ag <sub>6</sub> PdF <sub>2</sub> _Ni(BiO <sub>3</sub> ) <sub>2</sub> _6	249.91	-199.79
Ag <sub>2</sub> Pd <sub>3</sub> F_NbZn <sub>2</sub> N <sub>3</sub> _4	232.51	-13.9012	Ag <sub>5</sub> Pd <sub>4</sub> F_Li <sub>5</sub> OsN <sub>4</sub> _4	250.05	-258.617
Ag <sub>16</sub> Pd <sub>7</sub> F <sub>5</sub> _Li <sub>5</sub> Mn <sub>7</sub> O <sub>16</sub> _1	234.36	-52.5709	Ag <sub>8</sub> Pd <sub>2</sub> F_BaY <sub>2</sub> F <sub>8</sub> _6	250.21	-39.8305
Ag <sub>8</sub> Pd <sub>5</sub> F <sub>2</sub> _Sr <sub>5</sub> (AuO <sub>4</sub> ) <sub>2</sub> _6	234.41	-46.3477	AgPd <sub>15</sub> F <sub>3</sub> _Zr <sub>3</sub> TlF <sub>15</sub> _1	250.55	-286.947
Ag <sub>12</sub> Pd <sub>4</sub> F <sub>3</sub> _Lu <sub>4</sub> Zr <sub>3</sub> O <sub>12</sub> _3	234.92	-167.862	Ag <sub>8</sub> Pd <sub>5</sub> F_BaNb <sub>5</sub> O <sub>8</sub> _4	251.30	-28.4374
Ag <sub>4</sub> Pd <sub>3</sub> F_Mg <sub>3</sub> MoN <sub>4</sub> _5	235.01	-30.3173	Ag <sub>15</sub> Pd <sub>17</sub> F <sub>6</sub> _Zn <sub>15</sub> B <sub>6</sub> Rh <sub>17</sub> _2	251.53	-108.766
Ag <sub>6</sub> Pd <sub>2</sub> F_Ni(IO <sub>3</sub> ) <sub>2</sub> _4	235.99	-218.835	Ag <sub>3</sub> Pd <sub>10</sub> F <sub>2</sub> _La <sub>3</sub> U <sub>2</sub> O <sub>10</sub> _5	251.80	-25.2155
AgPd <sub>20</sub> F <sub>3</sub> _BiSb <sub>3</sub> F <sub>20</sub> _5	236.11	-187.547	Ag <sub>12</sub> Pd <sub>5</sub> F <sub>4</sub> _Li <sub>4</sub> Mn <sub>5</sub> O <sub>12</sub> _1	252.30	-49.6729
AgPd <sub>2</sub> F_ZnMoN <sub>2</sub> _4	236.59	-37.9337	Ag <sub>7</sub> PdF_LuPtF <sub>7</sub> _4	253.01	-218.173
Ag <sub>21</sub> Pd <sub>6</sub> F <sub>2</sub> _Cr <sub>21</sub> (WC <sub>3</sub> ) <sub>2</sub> _4	236.70	-107.909	Ag <sub>4</sub> Pd <sub>17</sub> F <sub>3</sub> _Sr <sub>4</sub> Lu <sub>3</sub> F <sub>17</sub> _6	253.26	-19.098
AgPd <sub>4</sub> F_NbGaO <sub>4</sub> _6	237.54	-22.8039	Ag <sub>2</sub> Pd <sub>3</sub> F_Mg <sub>2</sub> ReN <sub>3</sub> _4	253.32	-122.845
Ag <sub>6</sub> PdF_BaHfF <sub>6</sub> _3	238.25	-365.682	AgPdF <sub>4</sub> _GdYH <sub>4</sub> _4	253.84	-186.765
Ag <sub>3</sub> Pd <sub>15</sub> F_Zr <sub>3</sub> InF <sub>15</sub> _4	238.58	-162.002	Ag <sub>17</sub> Pd <sub>8</sub> F <sub>3</sub> _K <sub>3</sub> Ti <sub>8</sub> O <sub>17</sub> _5	254.09	-100.626
Ag <sub>2</sub> Pd <sub>6</sub> F_Tm <sub>2</sub> TeO <sub>6</sub> _5	240.01	-96.1291	Ag <sub>3</sub> Pd <sub>2</sub> F_Li <sub>2</sub> PtO <sub>3</sub> _5	254.74	-17.4412
AgPd <sub>2</sub> F_CrAuO <sub>2</sub> _6	240.56	-76.9975	Ag <sub>3</sub> Pd <sub>5</sub> F <sub>12</sub> _La <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> _2	255.65	-36.1971
Ag <sub>10</sub> Pd <sub>3</sub> F_KLu <sub>3</sub> F <sub>10</sub> _6	241.07	-85.8935	AgPd <sub>7</sub> F_LuPtF <sub>7</sub> _5	259.10	-98.78
Ag <sub>7</sub> Pd <sub>12</sub> F <sub>2</sub> _U <sub>2</sub> Co <sub>12</sub> P <sub>7</sub> _3	241.60	-22.5405	Ag <sub>3</sub> Pd <sub>12</sub> F <sub>4</sub> _Lu <sub>4</sub> Hf <sub>3</sub> O <sub>12</sub> _2	259.74	-242.992
Ag <sub>5</sub> Pd <sub>15</sub> F <sub>4</sub> _Sr <sub>5</sub> Nb <sub>4</sub> O <sub>15</sub> _5	241.63	-266.019	AgPd <sub>7</sub> F_BaWF <sub>7</sub> _1	259.84	-63.0038

Ag <sub>2</sub> Pd <sub>2</sub> F <sub>7</sub> _Y <sub>2</sub> Pt <sub>2</sub> O <sub>7</sub> _1	259.99	-122.832	Ag <sub>6</sub> Pd <sub>3</sub> F_Na <sub>3</sub> InF <sub>6</sub> _4	272.84	-83.3383
Ag <sub>9</sub> Pd <sub>28</sub> F <sub>5</sub> _Y <sub>9</sub> U <sub>5</sub> O <sub>28</sub> _5	261.24	-106.237	Ag <sub>4</sub> Pd <sub>12</sub> F <sub>3</sub> _Lu <sub>4</sub> Hf <sub>3</sub> O <sub>12</sub> _5	273.80	-14.9087
Ag <sub>2</sub> Pd <sub>6</sub> F_Li <sub>2</sub> SnF <sub>6</sub> _6	261.39	-68.7846	Ag <sub>3</sub> Pd <sub>4</sub> F_Ti <sub>4</sub> GaC <sub>3</sub> _2	274.42	-153.03
Ag <sub>17</sub> Pd <sub>2</sub> F <sub>2</sub> _Th <sub>2</sub> Mn <sub>17</sub> C <sub>2</sub> _6	261.45	-21.8024	Ag <sub>9</sub> Pd <sub>30</sub> F <sub>10</sub> _Ba <sub>9</sub> Nb <sub>10</sub> O <sub>30</sub> _5	275.57	-156.49
Ag <sub>11</sub> Pd <sub>24</sub> F <sub>7</sub> _Li <sub>7</sub> Ti <sub>11</sub> O <sub>24</sub> _1	261.57	-156.49	AgPd <sub>12</sub> F_MnAl <sub>12</sub> Fe_4	276.08	-270.221
Ag <sub>16</sub> Pd <sub>39</sub> F <sub>12</sub> _Sr <sub>16</sub> V <sub>12</sub> O <sub>39</sub> _5	262.12	-177.03	Ag <sub>2</sub> Pd <sub>6</sub> F_Li <sub>2</sub> AgF <sub>6</sub> _6	276.32	-23.6659
AgPdF <sub>2</sub> _SrCuO <sub>2</sub> _3	262.16	-136.515	Ag <sub>5</sub> Pd <sub>12</sub> F <sub>3</sub> _Dy <sub>3</sub> Y <sub>5</sub> O <sub>12</sub> _5	276.51	-48.7679
Ag <sub>11</sub> Pd <sub>4</sub> F <sub>4</sub> _Ba <sub>4</sub> Fe <sub>4</sub> O <sub>11</sub> _4	263.53	-55.4561	Ag <sub>3</sub> Pd <sub>5</sub> F_Ti <sub>5</sub> Si <sub>3</sub> C_5	276.92	-50.4749
Ag <sub>11</sub> PdF <sub>2</sub> _NdHf <sub>2</sub> F <sub>11</sub> _5	263.89	-6.21723	Ag <sub>2</sub> PdF <sub>8</sub> _Mg(ReO <sub>4</sub> ) <sub>2</sub> _1	277.15	-104.763
Ag <sub>2</sub> Pd <sub>4</sub> F_MgV <sub>2</sub> O <sub>4</sub> _5	264.34	-35.6865	Ag <sub>2</sub> Pd <sub>4</sub> F_SrNb <sub>2</sub> O <sub>4</sub> _2	277.48	-93.479
Ag <sub>32</sub> Pd <sub>15</sub> F <sub>2</sub> _K <sub>2</sub> Ta <sub>15</sub> O <sub>32</sub> _6	264.86	-186.441	Ag <sub>2</sub> PdF <sub>12</sub> _CaAs <sub>2</sub> F <sub>12</sub> _4	277.76	-141.222
Ag <sub>3</sub> Pd <sub>2</sub> F <sub>2</sub> _Na <sub>2</sub> Nb <sub>3</sub> O <sub>6</sub> _2	265.22	-158.753	Ag <sub>16</sub> Pd <sub>32</sub> F <sub>3</sub> _Sr <sub>3</sub> (RhO <sub>2</sub> ) <sub>16</sub> _4	278.15	-162.077
Ag <sub>11</sub> Pd <sub>104</sub> F <sub>30</sub> _Ta <sub>11</sub> (Co <sub>52</sub> B <sub>15</sub> ) <sub>2</sub> _3	265.47	-196.521	Ag <sub>3</sub> Pd <sub>14</sub> F_Pr <sub>3</sub> MgNi <sub>14</sub> _4	278.79	-213.02
Ag <sub>4</sub> Pd <sub>3</sub> F_Li <sub>3</sub> RuO <sub>4</sub> _2	266.02	-125.55	AgPd <sub>8</sub> F <sub>3</sub> _NaSb <sub>3</sub> O <sub>8</sub> _5	279.30	-108.997
Ag <sub>17</sub> Pd <sub>57</sub> F <sub>19</sub> _Na <sub>17</sub> (WO <sub>3</sub> ) <sub>19</sub> _3	267.50	-164.305	Ag <sub>5</sub> Pd <sub>3</sub> F <sub>12</sub> _Lu <sub>3</sub> Sb <sub>5</sub> O <sub>12</sub> _3	279.34	-46.5239
AgPd <sub>14</sub> F <sub>8</sub> _BaNb <sub>8</sub> O <sub>14</sub> _5	267.68	-40.2011	Ag <sub>5</sub> Pd <sub>5</sub> F_Li <sub>5</sub> TaO <sub>5</sub> _6	279.90	-173.357
Ag <sub>3</sub> PdF_Ti <sub>3</sub> ZnN_6	267.87	-240.754	Ag <sub>3</sub> Pd <sub>10</sub> F_GaNi <sub>10</sub> P <sub>3</sub> _1	280.22	-94.2098
Ag <sub>10</sub> Pd <sub>9</sub> F <sub>4</sub> _Na <sub>10</sub> Zn <sub>4</sub> O <sub>9</sub> _5	267.97	-20.7267	Ag <sub>4</sub> PdF_MgTeO <sub>4</sub> _4	280.65	-60.7341
Ag <sub>6</sub> Pd <sub>10</sub> F_V <sub>10</sub> Si <sub>6</sub> B_2	268.38	-112.244	Ag <sub>15</sub> Pd <sub>5</sub> F <sub>4</sub> _Sr <sub>5</sub> Nb <sub>4</sub> O <sub>15</sub> _6	282.21	-187.425
Ag <sub>2</sub> Pd <sub>3</sub> F_MgTa <sub>2</sub> N <sub>3</sub> _3	269.09	-167.509	Ag <sub>2</sub> Pd <sub>2</sub> F_Hf <sub>2</sub> N <sub>2</sub> O_1	282.82	-23.656
Ag <sub>6</sub> Pd <sub>11</sub> F <sub>3</sub> _La <sub>6</sub> Ga <sub>3</sub> Co <sub>11</sub> _3	269.25	-151.665	Ag <sub>3</sub> Pd <sub>9</sub> F <sub>2</sub> _Nd <sub>3</sub> Re <sub>2</sub> O <sub>9</sub> _6	282.88	-43.3503
Ag <sub>4</sub> Pd <sub>9</sub> F <sub>2</sub> _Ca <sub>4</sub> Ta <sub>2</sub> O <sub>9</sub> _1	269.30	-169.19	Ag <sub>14</sub> Pd <sub>2</sub> F_Y <sub>2</sub> Fe <sub>14</sub> C_6	283.18	-88.5901
Ag <sub>3</sub> Pd <sub>8</sub> F_Ta <sub>3</sub> Mn <sub>8</sub> Al_2	269.46	-282.237	Ag <sub>7</sub> Pd <sub>15</sub> F <sub>2</sub> _Mg <sub>2</sub> Ti <sub>7</sub> O <sub>15</sub> _4	283.82	-58.7183
Ag <sub>12</sub> Pd <sub>33</sub> F_Ta <sub>12</sub> MoO <sub>33</sub> _2	269.54	-49.7953	Ag <sub>2</sub> Pd <sub>5</sub> F_K <sub>2</sub> LuF <sub>5</sub> _2	284.31	-40.9337
Ag <sub>12</sub> Pd <sub>7</sub> F_Mn <sub>7</sub> GeO <sub>12</sub> _5	269.78	-46.5234	Ag <sub>4</sub> Pd <sub>5</sub> F_Li <sub>5</sub> OsN <sub>4</sub> _2	285.24	-65.3635
Ag <sub>14</sub> Pd <sub>8</sub> F_BaNb <sub>8</sub> O <sub>14</sub> _4	269.78	-223.258	Ag <sub>3</sub> Pd <sub>8</sub> F_Zr <sub>3</sub> AlFe <sub>8</sub> _6	285.41	-6.09693
Ag <sub>5</sub> Pd <sub>16</sub> F <sub>5</sub> _La <sub>5</sub> Mn <sub>5</sub> O <sub>16</sub> _1	270.96	-175.845	Ag <sub>8</sub> Pd <sub>6</sub> F_Na <sub>8</sub> CoO <sub>6</sub> _5	285.44	-231.923
Ag <sub>6</sub> Pd <sub>17</sub> F <sub>3</sub> _Sm <sub>6</sub> U <sub>3</sub> O <sub>17</sub> _2	271.03	-94.0328	AgPd <sub>4</sub> F_InSbO <sub>4</sub> _5	285.77	-29.7424
Ag <sub>32</sub> Pd <sub>19</sub> F <sub>5</sub> _Mg <sub>5</sub> Co <sub>19</sub> O <sub>32</sub> _4	271.45	-64.6279	Ag <sub>4</sub> Pd <sub>2</sub> F_AlV <sub>2</sub> O <sub>4</sub> _6	286.43	-222.105
Ag <sub>4</sub> Pd <sub>2</sub> F_Cd <sub>2</sub> PbO <sub>4</sub> _4	272.14	-16.6244	Ag <sub>2</sub> Pd <sub>8</sub> F_BaLu <sub>2</sub> F <sub>8</sub> _5	287.21	-220.451
AgPd <sub>10</sub> F <sub>3</sub> _CsSc <sub>3</sub> F <sub>10</sub> _5	272.38	-7.88562	Ag <sub>2</sub> Pd <sub>7</sub> F_KTm <sub>2</sub> F <sub>7</sub> _6	287.28	-213.548
AgPd <sub>4</sub> F_NaYF <sub>4</sub> _2	272.57	-52.0381	Ag <sub>2</sub> Pd <sub>32</sub> F <sub>15</sub> _K <sub>2</sub> Ta <sub>15</sub> O <sub>32</sub> _2	287.34	-14.2512
Ag <sub>7</sub> Pd <sub>16</sub> F <sub>2</sub> _Sr <sub>2</sub> Zr <sub>7</sub> O <sub>16</sub> _4	272.62	-96.6174	Ag <sub>9</sub> Pd <sub>27</sub> F <sub>8</sub> _Ba <sub>9</sub> Rh <sub>8</sub> O <sub>27</sub> _1	287.84	-136.808

Ag <sub>2</sub> Pd <sub>5</sub> F_Na <sub>2</sub> VF <sub>5</sub> _5	287.93	-132.332	AgPd <sub>6</sub> F_CuPdF <sub>6</sub> _6	303.07	-5.64407
Ag <sub>13</sub> Pd <sub>30</sub> F <sub>5</sub> _Mg <sub>5</sub> Ti <sub>13</sub> O <sub>30</sub> _4	288.93	-56.2031	Ag <sub>5</sub> Pd <sub>6</sub> F <sub>2</sub> _Sc <sub>6</sub> N <sub>2</sub> O <sub>5</sub> _4	303.78	-11.4766
AgPd <sub>4</sub> F_MgTeO <sub>4</sub> _2	289.28	-270.221	AgPd <sub>10</sub> F <sub>3</sub> _CsLu <sub>3</sub> F <sub>10</sub> _2	303.99	-262.362
AgPd <sub>2</sub> F_Ti <sub>2</sub> CN_5	289.33	-23.6659	Ag <sub>24</sub> Pd <sub>15</sub> F <sub>4</sub> _Ti <sub>4</sub> (Ni <sub>5</sub> O <sub>8</sub> ) <sub>3</sub> _1	305.48	-157.867
Ag <sub>2</sub> Pd <sub>3</sub> F_Li <sub>2</sub> IrO <sub>3</sub> _4	289.40	-35.9554	Ag <sub>2</sub> Pd <sub>6</sub> F_K <sub>2</sub> SnF <sub>6</sub> _1	305.91	-128.21
Ag <sub>30</sub> Pd <sub>9</sub> F <sub>10</sub> _Ba <sub>9</sub> Nb <sub>10</sub> O <sub>30</sub> _6	289.49	-116.078	Ag <sub>3</sub> Pd <sub>9</sub> F_ErTa <sub>3</sub> O <sub>9</sub> _2	306.22	-77.3583
Ag <sub>2</sub> PdF_ScTaN <sub>2</sub> _4	290.06	-10.4151	Ag <sub>2</sub> PdF_ZnMoN <sub>2</sub> _2	306.98	-76.2225
Ag <sub>2</sub> Pd <sub>17</sub> F <sub>2</sub> _Ce <sub>2</sub> Mn <sub>17</sub> C <sub>2</sub> _5	290.25	-178.987	Ag <sub>3</sub> Pd <sub>10</sub> F_KLu <sub>3</sub> F <sub>10</sub> _5	307.02	-86.7424
AgPd <sub>10</sub> F <sub>3</sub> _KLu <sub>3</sub> F <sub>10</sub> _2	290.29	-121.782	AgPd <sub>3</sub> F_FeSnO <sub>3</sub> _4	307.09	-336.55
AgPd <sub>4</sub> F_LiAgF <sub>4</sub> _1	290.55	-71.1739	Ag <sub>3</sub> Pd <sub>5</sub> F_Li <sub>5</sub> GeN <sub>3</sub> _2	307.13	-202.655
Ag <sub>3</sub> Pd <sub>4</sub> F_Li <sub>3</sub> RuO <sub>4</sub> _4	290.78	-112.261	Ag <sub>6</sub> Pd <sub>7</sub> F_Li <sub>7</sub> BiO <sub>6</sub> _2	307.63	-2.33652
Ag <sub>3</sub> PdF_NbOF <sub>3</sub> _5	291.05	-90.6089	AgPd <sub>4</sub> F_InSbO <sub>4</sub> _2	308.12	-33.3901
Ag <sub>2</sub> PdF_ScTaN <sub>2</sub> _6	291.81	-212.573	AgPd <sub>9</sub> F <sub>2</sub> _CsU <sub>2</sub> F <sub>9</sub> _2	309.24	-203.366
AgPd <sub>10</sub> F <sub>3</sub> _Y <sub>3</sub> TlF <sub>10</sub> _2	291.84	-172.799	AgPd <sub>3</sub> F_NbOF <sub>3</sub> _6	309.35	-127.218
Ag <sub>20</sub> Pd <sub>40</sub> F <sub>3</sub> _Ba <sub>3</sub> Ti <sub>20</sub> O <sub>40</sub> _6	293.93	-117.793	AgPd <sub>3</sub> F <sub>2</sub> _MgTa <sub>2</sub> N <sub>3</sub> _4	309.35	-14
Ag <sub>9</sub> Pd <sub>3</sub> F <sub>2</sub> _Ba <sub>3</sub> Re <sub>2</sub> O <sub>9</sub> _4	295.65	-4.95753	AgPd <sub>3</sub> F_Ti <sub>3</sub> ZnN_5	309.39	-15.7297
AgPd <sub>9</sub> F <sub>3</sub> _ErTa <sub>3</sub> O <sub>9</sub> _5	295.70	-45.6385	Ag <sub>4</sub> Pd <sub>11</sub> F <sub>4</sub> _Ba <sub>4</sub> Fe <sub>4</sub> O <sub>11</sub> _2	309.82	-162.593
AgPd <sub>4</sub> F_LiAgF <sub>4</sub> _6	296.58	-4.52607	Ag <sub>6</sub> Pd <sub>25</sub> F_KTh <sub>6</sub> F <sub>25</sub> _5	311.20	-140.185
AgPd <sub>6</sub> F_LiWF <sub>6</sub> _6	296.76	-120.219	Ag <sub>2</sub> Pd <sub>5</sub> F_Sc <sub>2</sub> TiO <sub>5</sub> _1	311.56	-52.9845
AgPd <sub>5</sub> F_HfTlF <sub>5</sub> _5	296.85	-87.9126	AgPd <sub>13</sub> F <sub>3</sub> _U <sub>3</sub> TlF <sub>13</sub> _5	313.04	-90.9605
Ag <sub>2</sub> Pd <sub>2</sub> F <sub>5</sub> _Nd <sub>2</sub> Pd <sub>2</sub> O <sub>5</sub> _2	297.37	-98.9083	Ag <sub>7</sub> Pd <sub>2</sub> F_KIn <sub>2</sub> F <sub>7</sub> _5	313.24	-90.3729
Ag <sub>8</sub> Pd <sub>5</sub> F_Co <sub>5</sub> SbO <sub>8</sub> _4	297.82	-137.467	AgPd <sub>6</sub> F <sub>2</sub> _Ni(BiO <sub>3</sub> ) <sub>2</sub> _5	314.08	-248.027
Ag <sub>8</sub> Pd <sub>12</sub> F <sub>3</sub> _Al <sub>3</sub> (V <sub>3</sub> C <sub>2</sub> ) <sub>4</sub> _2	298.68	-37.3657	Ag <sub>3</sub> Pd <sub>12</sub> F <sub>4</sub> _Lu <sub>4</sub> Zr <sub>3</sub> O <sub>12</sub> _6	314.32	-121.672
Ag <sub>2</sub> Pd <sub>6</sub> F_Na <sub>2</sub> CeF <sub>6</sub> _5	299.96	-0.75534	Ag <sub>2</sub> Pd <sub>6</sub> F_Na <sub>2</sub> UF <sub>6</sub> _5	314.49	-110.376
Ag <sub>7</sub> Pd <sub>12</sub> F <sub>2</sub> _Co <sub>7</sub> (SbO <sub>6</sub> ) <sub>2</sub> _2	300.20	-185.045	Ag <sub>7</sub> Pd <sub>2</sub> F <sub>2</sub> _Ba <sub>2</sub> Ta <sub>2</sub> O <sub>7</sub> _3	315.07	-355.684
Ag <sub>7</sub> Pd <sub>3</sub> F_La <sub>3</sub> SbO <sub>7</sub> _4	300.51	-45.9946	Ag <sub>6</sub> Pd <sub>4</sub> F_Na <sub>6</sub> ZnO <sub>4</sub> _5	315.12	-42.6554
Ag <sub>2</sub> Pd <sub>4</sub> F_Al <sub>2</sub> CoO <sub>4</sub> _5	300.70	-150.737	Ag <sub>4</sub> PdF_CuTeO <sub>4</sub> _6	315.63	-26.3495
AgPd <sub>7</sub> F <sub>2</sub> _KTm <sub>2</sub> F <sub>7</sub> _1	301.13	-27.6994	Ag <sub>15</sub> Pd <sub>3</sub> F_Zr <sub>3</sub> InF <sub>15</sub> _2	315.78	-43.1694
Ag <sub>6</sub> Pd <sub>16</sub> F <sub>5</sub> _Mg <sub>6</sub> Te <sub>5</sub> O <sub>16</sub> _5	301.21	-100.091	Ag <sub>6</sub> Pd <sub>31</sub> F <sub>7</sub> _Zr <sub>6</sub> Ag <sub>7</sub> F <sub>31</sub> _6	316.00	-210.804
Ag <sub>2</sub> Pd <sub>10</sub> F_Lu(Fe <sub>5</sub> Si) <sub>2</sub> _2	301.32	-18.2977	Ag <sub>3</sub> Pd <sub>6</sub> F_Na <sub>3</sub> InF <sub>6</sub> _2	317.30	-134.613
Ag <sub>10</sub> Pd <sub>3</sub> F_CsLu <sub>3</sub> F <sub>10</sub> _6	301.78	-262.162	Ag <sub>2</sub> Pd <sub>13</sub> F <sub>4</sub> _Sm <sub>2</sub> Fe <sub>4</sub> Co <sub>13</sub> _3	318.47	-0.65937
AgPd <sub>4</sub> F <sub>2</sub> _Co <sub>2</sub> SnO <sub>4</sub> _6	301.95	-26.8573	Ag <sub>5</sub> Pd <sub>19</sub> F <sub>3</sub> _Fe <sub>3</sub> Pb <sub>5</sub> F <sub>19</sub> _1	318.49	-130.086
Ag <sub>3</sub> Pd <sub>3</sub> F <sub>2</sub> _Hf <sub>3</sub> N <sub>2</sub> O <sub>3</sub> _6	302.31	-224.609	Ag <sub>2</sub> Pd <sub>17</sub> F <sub>3</sub> _Tm <sub>2</sub> Fe <sub>17</sub> C <sub>3</sub> _4	318.51	-79.2289

AgPd <sub>8</sub> F <sub>5</sub> _BaNb <sub>5</sub> O <sub>8</sub> _5	320.57	-128.21	AgPd <sub>5</sub> F_HfGa <sub>5</sub> Co_5	341.91	-42.5243
AgPd <sub>4</sub> F_CuTeO <sub>4</sub> _2	321.51	-77.3583	Ag <sub>2</sub> Pd <sub>3</sub> F_Mg <sub>2</sub> NbN <sub>3</sub> _4	342.62	-99.4102
AgPd <sub>6</sub> F_BaIrF <sub>6</sub> _1	321.57	-76.2225	Ag <sub>11</sub> Pd <sub>18</sub> F <sub>8</sub> _Zn <sub>11</sub> (B <sub>4</sub> Rh <sub>9</sub> ) <sub>2</sub> _2	343.19	-9.77037
Ag <sub>7</sub> Pd <sub>4</sub> F_Sm <sub>4</sub> PdO <sub>7</sub> _6	322.30	-86.7424	Ag <sub>2</sub> Pd <sub>6</sub> F_Hf <sub>2</sub> Bi <sub>6</sub> _2	343.72	-198.455
AgPd <sub>2</sub> F <sub>4</sub> _Cd(GaO <sub>2</sub> ) <sub>2</sub> _2	322.45	-152.668	Ag <sub>25</sub> Pd <sub>60</sub> F <sub>11</sub> _Mg <sub>11</sub> Ti <sub>25</sub> O <sub>60</sub> _4	345.47	-25.3447
Ag <sub>2</sub> Pd <sub>9</sub> F_La <sub>2</sub> AlNi <sub>9</sub> _5	324.32	-12.2803	Ag <sub>3</sub> PdF_ThTaN <sub>3</sub> _2	345.49	-43.4126
Ag <sub>2</sub> Pd <sub>4</sub> F_Co <sub>2</sub> Mo <sub>4</sub> N_2	324.34	-0.77021	Ag <sub>10</sub> Pd <sub>79</sub> F <sub>22</sub> _K <sub>10</sub> Gd <sub>22</sub> F <sub>79</sub> _2	345.72	-11.6212
Ag <sub>2</sub> Pd <sub>9</sub> F_AlV <sub>9</sub> Au <sub>2</sub> _2	324.87	-106.466	Ag <sub>25</sub> Pd <sub>6</sub> F_KTh <sub>6</sub> F <sub>25</sub> _6	346.45	-202.224
Ag <sub>12</sub> Pd <sub>6</sub> F_RbMn <sub>6</sub> O <sub>12</sub> _2	325.35	-202.589	AgPd <sub>4</sub> F_LiVF <sub>4</sub> _1	347.17	-208.272
Ag <sub>4</sub> Pd <sub>2</sub> F_Ga <sub>2</sub> CoO <sub>4</sub> _5	325.50	-19.4307	AgPd <sub>3</sub> F_LaNi <sub>3</sub> B_2	347.91	-5.47384
Ag <sub>20</sub> PdF <sub>3</sub> _BiSb <sub>3</sub> F <sub>20</sub> _6	326.12	-210.796	Ag <sub>6</sub> Pd <sub>20</sub> F <sub>3</sub> _Nb <sub>3</sub> (Ni <sub>10</sub> B <sub>3</sub> ) <sub>2</sub> _5	347.97	-143.93
Ag <sub>4</sub> Pd <sub>8</sub> F_CaNb <sub>4</sub> O <sub>8</sub> _2	328.38	-22.2775	Ag <sub>2</sub> PdF <sub>6</sub> _Ni <sub>6</sub> Ge <sub>2</sub> B_1	348.67	-42.258
Ag <sub>5</sub> Pd <sub>8</sub> F <sub>2</sub> _Sr <sub>5</sub> (AuO <sub>4</sub> ) <sub>2</sub> _5	329.61	-81.0517	Ag <sub>16</sub> Pd <sub>32</sub> F <sub>3</sub> _Rb <sub>3</sub> Mn <sub>16</sub> O <sub>32</sub> _4	348.86	-135.539
Ag <sub>3</sub> Pd <sub>6</sub> F_Li <sub>3</sub> NiF <sub>6</sub> _4	330.45	-186.305	Ag <sub>8</sub> Pd <sub>3</sub> F_NaSb <sub>3</sub> O <sub>8</sub> _4	355.49	-147.506
Ag <sub>2</sub> Pd <sub>3</sub> F_U <sub>2</sub> Fe <sub>3</sub> Si_5	330.47	-146.271	Ag <sub>2</sub> Pd <sub>4</sub> F_Sr(RhO <sub>2</sub> ) <sub>2</sub> _4	355.50	-37.3217
AgPd <sub>8</sub> F <sub>2</sub> _BaLu <sub>2</sub> F <sub>8</sub> _2	330.50	-41.4909	Ag <sub>3</sub> Pd <sub>10</sub> F <sub>2</sub> _Y <sub>3</sub> U <sub>2</sub> O <sub>10</sub> _5	356.43	-160.073
AgPd <sub>8</sub> F <sub>2</sub> _BaY <sub>2</sub> F <sub>8</sub> _2	331.39	-47.1606	Ag <sub>3</sub> Pd <sub>5</sub> F <sub>2</sub> _Mg <sub>3</sub> B <sub>2</sub> Rh <sub>5</sub> _5	356.67	-225.034
AgPd <sub>3</sub> F <sub>4</sub> _SrPt <sub>3</sub> O <sub>4</sub> _3	331.55	-173.302	Ag <sub>32</sub> Pd <sub>35</sub> F_FeNi <sub>35</sub> S <sub>32</sub> _3	356.87	-113.304
AgPd <sub>3</sub> F_TiVO <sub>3</sub> _3	332.58	-79.3456	AgPd <sub>3</sub> F <sub>4</sub> _TiPt <sub>3</sub> O <sub>4</sub> _3	357.86	-81.9005
Ag <sub>3</sub> Pd <sub>7</sub> F_Sm <sub>3</sub> MoO <sub>7</sub> _2	332.63	-36.8341	AgPd <sub>11</sub> F <sub>2</sub> _NdHf <sub>2</sub> F <sub>11</sub> _6	357.90	-6.99121
AgPd <sub>6</sub> F_EuZrF <sub>6</sub> _1	333.21	-98.002	Ag <sub>3</sub> Pd <sub>9</sub> F <sub>2</sub> _Ba <sub>3</sub> Re <sub>2</sub> O <sub>9</sub> _2	358.83	-61.0188
Ag <sub>6</sub> PdF_LiWF <sub>6</sub> _3	334.33	-12.983	AgPd <sub>4</sub> F_NdB <sub>4</sub> Pt <sub>4</sub> _4	359.48	-229.023
Ag <sub>4</sub> PdF_CuTeO <sub>4</sub> _4	334.36	-54.1943	Ag <sub>3</sub> Pd <sub>4</sub> F_Fe <sub>3</sub> NiP <sub>4</sub> _6	359.96	-232.559
Ag <sub>24</sub> Pd <sub>11</sub> F <sub>7</sub> _Li <sub>7</sub> Ti <sub>11</sub> O <sub>24</sub> _3	334.47	-9.84313	Ag <sub>4</sub> Pd <sub>51</sub> F_U <sub>4</sub> Be <sub>51</sub> B_3	360.42	-113.971
Ag <sub>15</sub> Pd <sub>24</sub> F <sub>4</sub> _Ti <sub>4</sub> (Ni <sub>5</sub> O <sub>8</sub> ) <sub>3</sub> _3	334.49	-102.744	Ag <sub>9</sub> Pd <sub>5</sub> F <sub>2</sub> _Eu <sub>2</sub> Nb <sub>5</sub> O <sub>9</sub> _6	362.48	-146.534
Ag <sub>6</sub> Pd <sub>2</sub> F_Hf <sub>2</sub> Bi <sub>6</sub> _4	337.41	-80.8681	AgPd <sub>4</sub> F_SmBiO <sub>4</sub> _2	362.51	-8.77675
Ag <sub>2</sub> Pd <sub>4</sub> F_V <sub>2</sub> CoO <sub>4</sub> _5	338.61	-119.239	AgPd <sub>5</sub> F_LaInNi <sub>5</sub> _3	364.21	-34.9042
Ag <sub>16</sub> Pd <sub>8</sub> F_BaTi <sub>8</sub> O <sub>16</sub> _5	339.63	-12.0574	Ag <sub>6</sub> PdF_FeNiP <sub>6</sub> _3	364.24	-74.3268
Ag <sub>3</sub> PdF_FeSnO <sub>3</sub> _1	340.39	-53.9318	Ag <sub>17</sub> Pd <sub>20</sub> F <sub>2</sub> _Ti <sub>20</sub> H <sub>2</sub> N <sub>17</sub> _2	364.30	-231.96
Ag <sub>8</sub> Pd <sub>21</sub> F <sub>8</sub> _Ba <sub>8</sub> Mn <sub>8</sub> O <sub>21</sub> _1	340.92	-68.8382	AgPd <sub>4</sub> F_NaYF <sub>4</sub> _5	364.70	-177.225
Ag <sub>4</sub> Pd <sub>6</sub> F_Na <sub>6</sub> ZnO <sub>4</sub> _6	341.36	-72.9668	AgPd <sub>9</sub> F <sub>2</sub> _KPu <sub>2</sub> F <sub>9</sub> _2	365.71	-79.3631
Ag <sub>3</sub> Pd <sub>7</sub> F_Lu <sub>3</sub> SbO <sub>7</sub> _2	341.59	-71.67	Ag <sub>15</sub> PdF <sub>3</sub> _Zr <sub>3</sub> InF <sub>15</sub> _1	365.98	-195.694
Ag <sub>4</sub> Pd <sub>7</sub> F_Sm <sub>4</sub> PdO <sub>7</sub> _5	341.88	-170.584	Ag <sub>6</sub> Pd <sub>2</sub> F_Nb <sub>2</sub> CdO <sub>6</sub> _6	366.99	-7.94657

Ag <sub>2</sub> Pd <sub>3</sub> F_Na <sub>2</sub> BiO <sub>3</sub> _5	367.49	-131.795	AgPdF <sub>3</sub> _LaAlO <sub>3</sub> _1	396.26	-66.64
Ag <sub>11</sub> Pd <sub>4</sub> F_ZnGa <sub>11</sub> Co <sub>4</sub> _4	368.49	-382.134	Ag <sub>8</sub> Pd <sub>16</sub> F_BaTi <sub>8</sub> O <sub>16</sub> _6	396.27	-78.3506
Ag <sub>6</sub> Pd <sub>3</sub> F_Li <sub>3</sub> FeF <sub>6</sub> _2	369.12	-103.476	Ag <sub>15</sub> Pd <sub>7</sub> F <sub>2</sub> _Mg <sub>2</sub> Ti <sub>7</sub> O <sub>15</sub> _2	396.53	-24.1093
Ag <sub>3</sub> Pd <sub>6</sub> F <sub>20</sub> _Nb <sub>3</sub> (Ni <sub>10</sub> B <sub>3</sub> ) <sub>2</sub> _1	370.30	-28.7895	Ag <sub>2</sub> Pd <sub>9</sub> F_KPu <sub>2</sub> F <sub>9</sub> _5	397.53	-19.9239
AgPd <sub>6</sub> F_GdYCo <sub>6</sub> _3	371.45	-3.31639	Ag <sub>2</sub> Pd <sub>2</sub> F_Li <sub>2</sub> HgO <sub>2</sub> _6	397.61	-12.1282
Ag <sub>3</sub> Pd <sub>7</sub> F_Na <sub>3</sub> CeF <sub>7</sub> _5	371.82	-181.02	Ag <sub>6</sub> Pd <sub>4</sub> F_Li <sub>6</sub> RuN <sub>4</sub> _4	398.77	-222.155
Ag <sub>2</sub> Pd <sub>12</sub> F <sub>5</sub> _Lu <sub>5</sub> (ReO <sub>6</sub> ) <sub>2</sub> _5	373.10	-0.52403	Ag <sub>16</sub> Pd <sub>6</sub> F_BaTa <sub>6</sub> O <sub>16</sub> _5	402.98	-173.633
Ag <sub>35</sub> Pd <sub>32</sub> F_FeNi <sub>35</sub> S <sub>32</sub> _1	373.37	-170.467	AgPd <sub>4</sub> F_TbGaNi <sub>4</sub> _6	408.11	-191.984
AgPd <sub>7</sub> F <sub>2</sub> _KIn <sub>2</sub> F <sub>7</sub> _1	373.57	-144.34	Ag <sub>4</sub> PdF <sub>2</sub> _Co <sub>2</sub> SnO <sub>4</sub> _5	408.13	-12.8912
Ag <sub>2</sub> PdF <sub>12</sub> _BaAs <sub>2</sub> F <sub>12</sub> _4	374.47	-162.083	AgPd <sub>2</sub> F_LiFeO <sub>2</sub> _4	410.29	-54.109
Ag <sub>8</sub> Pd <sub>21</sub> F <sub>2</sub> _Ce <sub>8</sub> U <sub>2</sub> O <sub>21</sub> _2	374.57	-2.51586	Ag <sub>3</sub> Pd <sub>2</sub> F_LiT <sub>2</sub> N <sub>3</sub> _3	411.91	-117.992
AgPd <sub>4</sub> F_TbGaCo <sub>4</sub> _4	374.68	-176.863	Ag <sub>5</sub> Pd <sub>6</sub> F_Li <sub>5</sub> IO <sub>6</sub> _6	414.58	-1.99746
Ag <sub>2</sub> Pd <sub>21</sub> F <sub>6</sub> _Cr <sub>21</sub> (WC <sub>3</sub> ) <sub>2</sub> _5	376.09	-76.3873	AgPd <sub>6</sub> F_CrMoF <sub>6</sub> _6	414.90	-185.66
Ag <sub>2</sub> Pd <sub>3</sub> F_Li <sub>2</sub> HfO <sub>3</sub> _6	379.26	-165.807	Ag <sub>8</sub> Pd <sub>3</sub> F <sub>2</sub> _Mn <sub>3</sub> Zn <sub>2</sub> O <sub>8</sub> _5	415.66	-171.917
AgPd <sub>3</sub> F <sub>2</sub> _Nb <sub>3</sub> AlC <sub>2</sub> _3	380.07	-53.3995	Ag <sub>2</sub> Pd <sub>9</sub> F <sub>5</sub> _Eu <sub>2</sub> Nb <sub>5</sub> O <sub>9</sub> _2	417.71	-165.81
Ag <sub>4</sub> Pd <sub>12</sub> F <sub>3</sub> _Lu <sub>4</sub> Zr <sub>3</sub> O <sub>12</sub> _1	380.81	-307.37	Ag <sub>2</sub> Pd <sub>6</sub> F_Lu <sub>2</sub> TeO <sub>6</sub> _2	418.15	-109.885
Ag <sub>6</sub> PdF_CuPdF <sub>6</sub> _5	382.12	-9.53014	Ag <sub>3</sub> Pd <sub>2</sub> F_MgTa <sub>2</sub> N <sub>3</sub> _1	422.05	-192.883
AgPd <sub>2</sub> F_ZrTi <sub>2</sub> O_4	384.13	-51.7708	AgPd <sub>5</sub> F <sub>4</sub> _U <sub>4</sub> Be <sub>5</sub> B_4	422.82	-280.243
Ag <sub>12</sub> Pd <sub>4</sub> F <sub>3</sub> _Mn <sub>12</sub> Ge <sub>4</sub> N <sub>3</sub> _6	384.15	-234.711	AgPd <sub>2</sub> F <sub>2</sub> _K(FeS) <sub>2</sub> _1	423.20	-364.093
Ag <sub>3</sub> Pd <sub>6</sub> F <sub>2</sub> _Ce <sub>3</sub> (TaN <sub>3</sub> ) <sub>2</sub> _2	386.54	-81.4639	Ag <sub>12</sub> PdF <sub>4</sub> _Np(FeP <sub>3</sub> ) <sub>4</sub> _3	423.33	-9.46922
Ag <sub>20</sub> Pd <sub>17</sub> F <sub>2</sub> _Ti <sub>20</sub> H <sub>2</sub> N <sub>17</sub> _4	386.61	-55.184	Ag <sub>6</sub> PdF_UAgF <sub>6</sub> _6	424.09	-254.421
AgPd <sub>3</sub> F_ThTaN <sub>3</sub> _4	387.39	-38	Ag <sub>2</sub> Pd <sub>4</sub> F_Ga <sub>2</sub> FeO <sub>4</sub> _4	424.42	-147.025
Ag <sub>30</sub> Pd <sub>13</sub> F <sub>5</sub> _Mg <sub>5</sub> Ti <sub>13</sub> O <sub>30</sub> _2	387.72	-341.107	AgPd <sub>2</sub> F_SrCuO <sub>2</sub> _5	425.25	-161.422
AgPd <sub>2</sub> F_ZnMoN <sub>2</sub> _3	388.68	-82.5641	Ag <sub>2</sub> Pd <sub>3</sub> F_LiT <sub>2</sub> N <sub>3</sub> _1	426.85	-78.7428
AgPd <sub>5</sub> F_BaYF <sub>5</sub> _2	391.16	-29.7264	Ag <sub>4</sub> Pd <sub>6</sub> F_Ca <sub>4</sub> PtO <sub>6</sub> _2	429.22	-159.264
AgPd <sub>3</sub> F_FeSnO <sub>3</sub> _3	391.72	-6.96541	Ag <sub>3</sub> Pd <sub>3</sub> F_Na <sub>3</sub> AuO <sub>3</sub> _5	429.73	-83.8889
AgPd <sub>10</sub> F_LaCeNi <sub>10</sub> _5	392.46	-272.918	Ag <sub>3</sub> Pd <sub>2</sub> F_Na <sub>3</sub> CuO <sub>2</sub> _5	430.37	-349.262
Ag <sub>2</sub> PdF_Ti <sub>2</sub> CN_6	392.56	-21.787	AgPd <sub>2</sub> F_GaCuO <sub>2</sub> _6	431.60	-148.926
Ag <sub>4</sub> Pd <sub>27</sub> F <sub>2</sub> _Al <sub>27</sub> (FeNi <sub>2</sub> ) <sub>2</sub> _1	393.71	-19.65	AgPd <sub>4</sub> F_MgTeO <sub>4</sub> _5	432.22	-61.5227
Ag <sub>2</sub> Pd <sub>3</sub> F_Li <sub>2</sub> PtO <sub>3</sub> _6	394.37	-179.93	Ag <sub>3</sub> Pd <sub>11</sub> F <sub>3</sub> _Bi <sub>3</sub> Ir <sub>3</sub> O <sub>11</sub> _2	433.24	-105.807
Ag <sub>7</sub> Pd <sub>3</sub> F_Ho <sub>3</sub> SbO <sub>7</sub> _6	394.66	-216.632	Ag <sub>3</sub> Pd <sub>2</sub> F_TaZn <sub>2</sub> N <sub>3</sub> _1	433.28	-212.914
Ag <sub>30</sub> Pd <sub>104</sub> F <sub>11</sub> _Ta <sub>11</sub> (Co <sub>52</sub> B <sub>15</sub> ) <sub>2</sub> _4	394.78	-75.6191	AgPd <sub>15</sub> F <sub>3</sub> _Zr <sub>3</sub> InF <sub>15</sub> _3	434.89	-136.492
Ag <sub>32</sub> Pd <sub>19</sub> F <sub>5</sub> _Zn <sub>5</sub> Co <sub>19</sub> O <sub>32</sub> _4	395.84	-60.6951	AgPd <sub>3</sub> F_CdPbO <sub>3</sub> _2	436.48	-248.49

Ag <sub>4</sub> PdF_LiAgF <sub>4</sub> _5	436.85	-32.3624	Ag <sub>6</sub> Pd <sub>2</sub> F_Li <sub>2</sub> SnF <sub>6</sub> _5	514.16	-170.225
Ag <sub>2</sub> Pd <sub>2</sub> F_Li <sub>2</sub> HgO <sub>2</sub> _5	437.25	-73.77	Ag <sub>3</sub> Pd <sub>4</sub> F_Ti <sub>4</sub> CN <sub>3</sub> _2	514.97	-170.494
Ag <sub>6</sub> Pd <sub>3</sub> F_Ni(PtO <sub>2</sub> ) <sub>3</sub> _4	438.17	-57.6434	AgPd <sub>3</sub> F_GdInO <sub>3</sub> _2	522.27	-135.238
Ag <sub>8</sub> PdF_NiP <sub>8</sub> W_2	440.52	-119.852	Ag <sub>2</sub> Pd <sub>3</sub> F_Li <sub>2</sub> TcO <sub>3</sub> _6	523.93	-188.016
AgPd <sub>6</sub> F <sub>2</sub> _Ta <sub>2</sub> CdO <sub>6</sub> _2	440.84	-264.266	AgPd <sub>2</sub> F_LiMoN <sub>2</sub> _4	532.99	-266.019
Ag <sub>4</sub> Pd <sub>7</sub> F_Li <sub>7</sub> SbN <sub>4</sub> _2	440.87	-1.53978	AgPd <sub>2</sub> F_LiMoN <sub>2</sub> _3	538.63	-120.07
Ag <sub>5</sub> Pd <sub>8</sub> F_BaNb <sub>5</sub> O <sub>8</sub> _2	441.70	-188.04	Ag <sub>3</sub> Pd <sub>12</sub> F <sub>5</sub> _Lu <sub>3</sub> Sb <sub>5</sub> O <sub>12</sub> _2	565.70	-76.7728
AgPd <sub>10</sub> F <sub>3</sub> _GaNi <sub>10</sub> P <sub>3</sub> _6	442.77	-19.6493	AgPd <sub>6</sub> F_FeNiP <sub>6</sub> _1	573.05	-45.4478
Ag <sub>5</sub> Pd <sub>12</sub> F <sub>3</sub> _Lu <sub>3</sub> Sb <sub>5</sub> O <sub>12</sub> _5	444.85	-197.844	Ag <sub>3</sub> Pd <sub>4</sub> F_Na <sub>3</sub> UO <sub>4</sub> _5	576.74	-21.8024
Ag <sub>7</sub> Pd <sub>19</sub> F_CeTa <sub>7</sub> O <sub>19</sub> _5	444.89	-101.35	Ag <sub>4</sub> Pd <sub>6</sub> F_Li <sub>6</sub> RuN <sub>4</sub> _2	580.01	-169.867
AgPd <sub>3</sub> F_CeCoSi <sub>3</sub> _1	445.11	-170.225	AgPd <sub>2</sub> F_Mo <sub>2</sub> CN_5	584.86	-169.502
Ag <sub>5</sub> Pd <sub>9</sub> F <sub>4</sub> _In <sub>5</sub> B <sub>4</sub> Ir <sub>9</sub> _5	445.57	-170.494	Ag <sub>4</sub> Pd <sub>2</sub> F_Mn <sub>2</sub> SnO <sub>4</sub> _5	586.10	-31.0111
AgPd <sub>4</sub> F_TmAlNi <sub>4</sub> _4	446.40	-135.238	Ag <sub>7</sub> Pd <sub>3</sub> F_Ta <sub>3</sub> O <sub>7</sub> F_4	588.82	-36.1462
Ag <sub>6</sub> Pd <sub>5</sub> F_Li <sub>3</sub> OsO <sub>6</sub> _5	447.96	-188.016	AgPd <sub>3</sub> F_CuAgF <sub>3</sub> _5	590.08	-87.784
Ag <sub>2</sub> Pd <sub>5</sub> F <sub>2</sub> _K <sub>2</sub> Rh <sub>2</sub> O <sub>5</sub> _1	449.61	-162.501	Ag <sub>3</sub> PdF_AcTiO <sub>3</sub> _1	602.63	-22.8747
AgPdF <sub>2</sub> _CrAuO <sub>2</sub> _2	452.55	-19.4525	Ag <sub>3</sub> Pd <sub>8</sub> F_Na <sub>3</sub> UF <sub>8</sub> _5	610.73	-209.054
AgPdF <sub>2</sub> _GaAgO <sub>2</sub> _5	452.55	-78.7462	AgPd <sub>8</sub> F_NiP <sub>8</sub> W_4	617.86	-51.7456
Ag <sub>3</sub> Pd <sub>3</sub> F_Na <sub>3</sub> AuO <sub>3</sub> _6	455.56	-11.2126	Ag <sub>8</sub> Pd <sub>5</sub> F_Co <sub>5</sub> NiS <sub>8</sub> _3	624.94	-30.6302
AgPd <sub>4</sub> F_TbCuNi <sub>4</sub> _6	473.46	-33.1727	AgPd <sub>4</sub> F <sub>3</sub> _Ti <sub>4</sub> CN <sub>3</sub> _5	625.29	-61.5528
Ag <sub>2</sub> Pd <sub>4</sub> F <sub>3</sub> _Cu <sub>2</sub> B <sub>3</sub> Ir <sub>4</sub> _2	474.22	-103.974	Ag <sub>4</sub> Pd <sub>2</sub> F_Li(NiO <sub>2</sub> ) <sub>2</sub> _1	634.63	-199.79
AgPd <sub>12</sub> F <sub>5</sub> _LaSb <sub>5</sub> O <sub>12</sub> _2	482.08	-231.77	Ag <sub>2</sub> Pd <sub>3</sub> F_Li <sub>2</sub> RhO <sub>3</sub> _6	635.41	-258.617
Ag <sub>4</sub> Pd <sub>12</sub> F <sub>3</sub> _Mn <sub>12</sub> Ge <sub>4</sub> N <sub>3</sub> _5	485.80	-61.22	AgPd <sub>3</sub> F_PuTlO <sub>3</sub> _5	649.39	-39.8305
AgPd <sub>2</sub> F_ScTaN <sub>2</sub> _2	486.08	-134.289	AgPd <sub>3</sub> F_Mn <sub>3</sub> SnH_2	659.58	-286.947
Ag <sub>7</sub> Pd <sub>4</sub> F_Li <sub>7</sub> SbN <sub>4</sub> _4	487.47	-321.384	AgPdF <sub>3</sub> _CaH <sub>3</sub> Pd_1	661.64	-28.4374
Ag <sub>2</sub> Pd <sub>6</sub> F <sub>9</sub> _Ho <sub>2</sub> (B <sub>2</sub> Rh <sub>3</sub> ) <sub>3</sub> _3	494.12	-29.1278	Ag <sub>3</sub> Pd <sub>6</sub> F_Ni(PtO <sub>2</sub> ) <sub>3</sub> _2	674.15	-108.766
Ag <sub>6</sub> PdF <sub>2</sub> _Li <sub>2</sub> SnF <sub>6</sub> _3	494.93	-255.485	AgPd <sub>4</sub> F_NaErF <sub>4</sub> _2	676.76	-25.2155
Ag <sub>3</sub> PdF_CuAgF <sub>3</sub> _6	495.53	-234.883	Ag <sub>4</sub> PdF_SbRhO <sub>4</sub> _1	677.50	-49.6729
Ag <sub>4</sub> PdF_CoRhS <sub>4</sub> _5	495.82	-264.266	AgPd <sub>12</sub> F <sub>4</sub> _Np(FeP <sub>3</sub> ) <sub>4</sub> _1	679.00	-218.173
Ag <sub>3</sub> Pd <sub>2</sub> F_Li <sub>2</sub> TcO <sub>3</sub> _5	496.17	-1.53978	AgPd <sub>4</sub> F_CoSi <sub>4</sub> Ni_1	683.86	-19.098
AgPd <sub>2</sub> F_ScTaN <sub>2</sub> _5	498.52	-188.04	AgPd <sub>4</sub> F_GdYH <sub>4</sub> _1	688.40	-266.019
Ag <sub>4</sub> PdF_LiVF <sub>4</sub> _3	505.65	-19.6493	Ag <sub>4</sub> PdF_CrMoO <sub>4</sub> _1	699.87	-120.07
Ag <sub>11</sub> Pd <sub>2</sub> F_NdHf <sub>2</sub> F <sub>11</sub> _3	507.63	-197.844	Ag <sub>12</sub> Pd <sub>4</sub> F_Np(FeP <sub>3</sub> ) <sub>4</sub> _5	702.33	-76.7728
AgPd <sub>6</sub> F <sub>2</sub> _Li <sub>2</sub> SnF <sub>6</sub> _1	509.73	-101.35	AgPd <sub>3</sub> F_Al <sub>3</sub> BC_6	725.52	-45.4478

<chem>Ag6Pd3F_NaTl3F6_4</chem>	727.28	-21.8024	<chem>Ag3Pd7F_Ta3O7F_2</chem>	775.75	-17.0943
<chem>Ag2Pd4F_Ca(AgO2)2_5</chem>	728.19	-169.867	<chem>Ag3Pd4F_Mg3NiO4_2</chem>	818.59	-88.5688
<chem>Ag2Pd7F2_Tb2Pt2O7_6</chem>	733.97	-169.502	<chem>Ag4Pd12F_Np(FeP3)4_6</chem>	841.88	-150.9
<chem>Ag4Pd3F_Mg3NiO4_4</chem>	744.94	-31.0111	<chem>AgPd4F_SbRhO4_3</chem>	853.23	-76.3499
<chem>Ag5Pd8F_Co5NiS8_1</chem>	765.84	-59.1424	<chem>AgPd4F_NbMoO4_2</chem>	1039.53	-59.1424

**Table S4** The CGCNN-2 model predicted 259 potentially stable Ag-Pd-F structures with 149 distinct Ag-Pd-F compositions, including potential stable structures,  $E_d$  values from CGCNN-2 model and  $E_d$  by DFT. The final number (i.e., \_3) represent different atomic arrangement of the same substitution template (i.e., BiSb<sub>3</sub>F<sub>20</sub>) after substituting Ag,

Composition	DFT- $E_d$ (meV/atom)	CGCNN- $E_d$ (meV/atom)	Composition	DFT- $E_d$ (meV/atom)	CGCNN- $E_d$ (meV/atom)
AgPd <sub>3</sub> F <sub>20</sub> _BiSb <sub>3</sub> F <sub>20</sub> _3	-22.56	-17.4587	AgPd <sub>3</sub> F <sub>8</sub> _LiCr <sub>3</sub> O <sub>8</sub> _6	42.49	-6.17843
Ag <sub>2</sub> PdF <sub>6</sub> _La <sub>2</sub> WO <sub>6</sub> _2	-20.42	-52.3521	Ag <sub>3</sub> Pd <sub>10</sub> F <sub>30</sub> _Na <sub>3</sub> (WO <sub>3</sub> ) <sub>10</sub> _5	42.72	-15.9661
Ag <sub>2</sub> PdF <sub>6</sub> _Na <sub>2</sub> PdF <sub>6</sub> _3	-19.78	-19.5577	AgPd <sub>11</sub> F <sub>33</sub> _La(WO <sub>3</sub> ) <sub>11</sub> _2	43.08	-40.8212
Ag <sub>2</sub> PdF <sub>6</sub> _Ni(IO <sub>3</sub> ) <sub>2</sub> _1	-17.44	-21.1692	Ag <sub>5</sub> Pd <sub>2</sub> F <sub>12</sub> _Y <sub>5</sub> U <sub>2</sub> O <sub>12</sub> _3	43.18	-13.858
AgPd <sub>2</sub> F <sub>12</sub> _CaCr <sub>2</sub> F <sub>12</sub> _2	-8.53	-32.2214	Ag <sub>2</sub> PdF <sub>6</sub> _Pr <sub>2</sub> WO <sub>6</sub> _5	45.32	-3.76616
Ag <sub>3</sub> PdF <sub>20</sub> _BiSb <sub>3</sub> F <sub>20</sub> _1	-2.40	-22.7538	AgPd <sub>7</sub> F <sub>19</sub> _PrTa <sub>7</sub> O <sub>19</sub> _3	46.29	-29.1942
Ag <sub>2</sub> PdF <sub>6</sub> _Tm <sub>2</sub> WO <sub>6</sub> _5	19.62	-34.7308	AgPdF <sub>3</sub> _LuGaO <sub>3</sub> _2	46.84	-23.734
Ag <sub>4</sub> PdF <sub>10</sub> _ZrU <sub>4</sub> O <sub>10</sub> _2	23.36	-7.31805	Ag <sub>6</sub> PdF <sub>12</sub> _Lu <sub>6</sub> WO <sub>12</sub> _2	47.40	-53.7476
Ag <sub>4</sub> Pd <sub>3</sub> F <sub>12</sub> _Lu <sub>4</sub> Zr <sub>3</sub> O <sub>12</sub> _2	24.74	-41.0401	Ag <sub>2</sub> PdF <sub>6</sub> _LiCu <sub>2</sub> F <sub>6</sub> _2	47.93	-105.261
Ag <sub>2</sub> Pd <sub>2</sub> F <sub>7</sub> _Tm <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> _6	26.77	-3.04654	AgPd <sub>9</sub> F <sub>27</sub> _Na(WO <sub>3</sub> ) <sub>9</sub> _5	48.46	-39.3182
Ag <sub>3</sub> PdF <sub>7</sub> _Er <sub>3</sub> TaO <sub>7</sub> _3	27.43	-35.0639	AgPd <sub>3</sub> F <sub>8</sub> _NaSb <sub>3</sub> O <sub>8</sub> _3	48.83	-21.6067
AgPdF <sub>5</sub> _VAsO <sub>5</sub> _6	28.22	-87.0575	Ag <sub>13</sub> Pd <sub>5</sub> F <sub>30</sub> _Mg <sub>5</sub> Ti <sub>13</sub> O <sub>30</sub> _6	49.59	-37.5051
Ag <sub>4</sub> Pd <sub>3</sub> F <sub>12</sub> _Lu <sub>4</sub> Hf <sub>3</sub> O <sub>12</sub> _3	28.75	-47.0014	AgPdF <sub>5</sub> _ZnCuF <sub>5</sub> _1	50.02	-77.3714
Ag <sub>3</sub> PdF <sub>7</sub> _Sm <sub>3</sub> MoO <sub>7</sub> _1	29.86	-20.2709	AgPdF <sub>4</sub> _LiAgF <sub>4</sub> _4	51.67	-60.4226
AgPdF <sub>7</sub> _YPtF <sub>7</sub> _3	31.82	-15.4491	AgPdF <sub>4</sub> _LiAgF <sub>4</sub> _2	51.71	-67.6207
Ag <sub>3</sub> PdF <sub>8</sub> _NaSb <sub>3</sub> O <sub>8</sub> _1	33.79	-58.0066	Ag <sub>2</sub> Pd <sub>4</sub> F <sub>13</sub> _Na <sub>2</sub> W <sub>4</sub> O <sub>13</sub> _5	51.75	-0.18872
Ag <sub>3</sub> Pd <sub>2</sub> F <sub>12</sub> _Cr <sub>3</sub> (FeO <sub>6</sub> ) <sub>2</sub> _6	33.98	-90.429	Ag <sub>3</sub> PdF <sub>8</sub> _TaSb <sub>3</sub> O <sub>8</sub> _3	52.11	-40.6428
AgPdF <sub>4</sub> _MgTeO <sub>4</sub> _3	34.20	-79.5933	AgPdF <sub>5</sub> _MgCuF <sub>5</sub> _3	52.67	-82.3253
AgPdF <sub>4</sub> _InSbO <sub>4</sub> _3	35.78	-41.331	Ag <sub>3</sub> PdF <sub>8</sub> _Ho <sub>3</sub> ReO <sub>8</sub> _3	53.15	-21.7238
AgPdF <sub>4</sub> _InSbO <sub>4</sub> _1	36.03	-40.3551	AgPd <sub>2</sub> F <sub>8</sub> _Co(ReO <sub>4</sub> ) <sub>2</sub> _1	53.89	-3.29515
AgPd <sub>3</sub> F <sub>9</sub> _HoTa <sub>3</sub> O <sub>9</sub> _3	36.27	-104.826	Ag <sub>2</sub> PdF <sub>6</sub> _Sb <sub>2</sub> WO <sub>6</sub> _5	54.72	-11.9711
Ag <sub>2</sub> PdF <sub>5</sub> _Na <sub>2</sub> VF <sub>5</sub> _3	36.97	-28.1482	AgPdF <sub>4</sub> _CuTeO <sub>4</sub> _1	57.18	-23.186
AgPdF <sub>4</sub> _NbGaO <sub>4</sub> _2	37.22	-44.9046	Ag <sub>6</sub> Pd <sub>8</sub> F <sub>25</sub> _Ta <sub>8</sub> Pb <sub>6</sub> O <sub>25</sub> _1	58.84	-1.06352
Ag <sub>3</sub> Pd <sub>2</sub> F <sub>12</sub> _Ga <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> _5	38.33	-76.9203	Ag <sub>7</sub> Pd <sub>2</sub> F <sub>15</sub> _Mg <sub>2</sub> Ti <sub>7</sub> O <sub>15</sub> _6	64.51	-41.0523
Ag <sub>2</sub> PdF <sub>5</sub> _Ti <sub>2</sub> CoO <sub>5</sub> _4	39.27	-33.5468	AgPdF <sub>4</sub> _LiVF <sub>4</sub> _2	66.40	-64.014
Ag <sub>25</sub> Pd <sub>11</sub> F <sub>60</sub> _Mg <sub>11</sub> Ti <sub>25</sub> O <sub>60</sub> _6	39.46	-42.6671	AgPd <sub>2</sub> F <sub>6</sub> _Ta <sub>2</sub> CdO <sub>6</sub> _1	67.36	-3.62654
AgPdF <sub>3</sub> _YMoN <sub>3</sub> _4	41.61	-25.1368	AgPd <sub>6</sub> F <sub>18</sub> _Tl(WO <sub>3</sub> ) <sub>6</sub> _5	67.74	-10.5765
Ag <sub>3</sub> PdF <sub>7</sub> _Lu <sub>3</sub> SbO <sub>7</sub> _1	42.02	-34.3844	AgPdF <sub>6</sub> _CuPdF <sub>6</sub> _4	73.59	-105.794

Pd, and F atoms.

Ag <sub>2</sub> Pd <sub>2</sub> F <sub>7</sub> _Y <sub>2</sub> Fe <sub>2</sub> O <sub>7</sub> _1	73.95	-47.2514	Ag <sub>5</sub> Pd <sub>3</sub> F <sub>13</sub> _Pr <sub>5</sub> Ge <sub>3</sub> O <sub>13</sub> _3	98.72	-3.59357
Ag <sub>5</sub> Pd <sub>2</sub> F <sub>12</sub> _Lu <sub>5</sub> (ReO <sub>6</sub> ) <sub>2</sub> _1	74.64	-60.956	AgPdF <sub>5</sub> _ZnCuF <sub>5</sub> _3	99.55	-60.5389
Ag <sub>3</sub> PdF <sub>9</sub> _Tm(IO <sub>3</sub> ) <sub>3</sub> _1	75.35	-29.415	AgPdF <sub>6</sub> _LiWF <sub>6</sub> _4	99.98	-41.6532
Ag <sub>2</sub> Pd <sub>2</sub> F <sub>7</sub> _Tm <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> _5	76.21	-42.6644	Ag <sub>4</sub> Pd <sub>4</sub> F <sub>13</sub> _Ru <sub>4</sub> Pb <sub>4</sub> O <sub>13</sub> _1	100.99	-23.4868
AgPd <sub>12</sub> F <sub>33</sub> _Ta <sub>12</sub> MoO <sub>33</sub> _3	76.42	-9.19462	Ag <sub>6</sub> PdF <sub>12</sub> _KMn <sub>6</sub> O <sub>12</sub> _4	101.53	-87.4634
AgPd <sub>4</sub> F <sub>8</sub> _NaTa <sub>4</sub> O <sub>8</sub> _3	76.50	-97.214	Ag <sub>13</sub> PdF <sub>33</sub> _NaNb <sub>13</sub> O <sub>33</sub> _1	102.44	-46.7701
Ag <sub>3</sub> Pd <sub>2</sub> F <sub>12</sub> _Nd <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> _5	78.78	-13.8397	AgPd <sub>9</sub> F <sub>4</sub> _H <sub>9</sub> BrO <sub>4</sub> _1	102.52	-166.138
AgPd <sub>2</sub> F <sub>6</sub> _Mn <sub>2</sub> TeO <sub>6</sub> _5	80.01	-42.7866	AgPdF <sub>6</sub> _ZrNiF <sub>6</sub> _6	102.74	-63.5626
Ag <sub>3</sub> PdF <sub>12</sub> _Cu <sub>3</sub> SbF <sub>12</sub> _1	81.41	-127.332	Ag <sub>3</sub> Pd <sub>3</sub> F <sub>11</sub> _Bi <sub>3</sub> Ir <sub>3</sub> O <sub>11</sub> _1	102.92	-5.96195
AgPdF <sub>4</sub> _LiCuF <sub>4</sub> _2	82.17	-69.1169	Ag <sub>3</sub> Pd <sub>16</sub> F <sub>32</sub> _Sr <sub>3</sub> (RhO <sub>2</sub> ) <sub>16</sub> _5	103.22	-24.9151
AgPdF <sub>6</sub> _CrNiF <sub>6</sub> _5	82.29	-138.389	AgPd <sub>14</sub> F_NaAlB <sub>14</sub> _6	104.15	-93.9865
AgPdF <sub>6</sub> _NaVF <sub>6</sub> _3	83.18	-1.64385	Ag <sub>21</sub> Pd <sub>32</sub> F <sub>3</sub> _Co <sub>21</sub> Cu <sub>3</sub> O <sub>32</sub> _2	105.88	-102.837
Ag <sub>3</sub> Pd <sub>3</sub> F <sub>10</sub> _Tl <sub>3</sub> Os <sub>3</sub> O <sub>10</sub> _3	83.53	-8.03935	AgPdF <sub>4</sub> _NbGaO <sub>4</sub> _4	106.40	-76.2894
Ag <sub>3</sub> PdF <sub>6</sub> _Na <sub>3</sub> TiF <sub>6</sub> _2	83.67	-23.4447	Ag <sub>8</sub> PdF <sub>16</sub> _BaTi <sub>8</sub> O <sub>16</sub> _4	107.16	-20.0649
Ag <sub>2</sub> PdF <sub>6</sub> _Nb <sub>2</sub> CdO <sub>6</sub> _3	84.08	-32.8894	AgPdF <sub>4</sub> _AlSbO <sub>4</sub> _1	107.16	-8.83626
AgPd <sub>8</sub> F <sub>16</sub> _BaTi <sub>8</sub> O <sub>16</sub> _2	85.26	-35.6304	AgPdF <sub>5</sub> _TaAsO <sub>5</sub> _4	107.92	-123.167
Ag <sub>3</sub> PdF <sub>6</sub> _Li <sub>3</sub> NiF <sub>6</sub> _6	87.85	-49.9314	Ag <sub>2</sub> PdF <sub>7</sub> _TiV <sub>2</sub> O <sub>7</sub> _5	108.10	-3.16804
AgPdF <sub>4</sub> _MgTeO <sub>4</sub> _1	88.03	-118.646	AgPd <sub>2</sub> F <sub>5</sub> _TmMn <sub>2</sub> O <sub>5</sub> _5	108.83	-58.8493
Ag <sub>4</sub> Pd <sub>2</sub> F <sub>9</sub> _Ca <sub>4</sub> Ta <sub>2</sub> O <sub>9</sub> _2	88.32	-4.63566	Ag <sub>3</sub> PdF <sub>8</sub> _Cr <sub>3</sub> AgO <sub>8</sub> _6	108.84	-29.8364
Ag <sub>2</sub> Pd <sub>3</sub> F <sub>12</sub> _Nd <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> _6	88.91	-35.3713	Ag <sub>10</sub> Pd <sub>16</sub> F_Sr(H <sub>8</sub> O <sub>5</sub> ) <sub>2</sub> _4	111.06	-85.3424
AgPd <sub>2</sub> F <sub>6</sub> _Li <sub>2</sub> SnF <sub>6</sub> _2	89.65	-49.1451	Ag <sub>8</sub> PdF <sub>16</sub> _BaMn <sub>8</sub> O <sub>16</sub> _4	111.52	-74.4112
Ag <sub>5</sub> Pd <sub>13</sub> F <sub>30</sub> _Mg <sub>5</sub> Ti <sub>13</sub> O <sub>30</sub> _5	90.14	-6.77787	Ag <sub>2</sub> PdF <sub>4</sub> _MgV <sub>2</sub> O <sub>4</sub> _3	111.94	-1.34123
AgPd <sub>9</sub> F <sub>25</sub> _Nb <sub>9</sub> VO <sub>25</sub> _3	90.23	-15.0086	Ag <sub>20</sub> Pd <sub>3</sub> F <sub>40</sub> _Ba <sub>3</sub> Ti <sub>20</sub> O <sub>40</sub> _4	114.29	-61.3416
Ag <sub>2</sub> Pd <sub>4</sub> F <sub>9</sub> _Mg <sub>4</sub> Sb <sub>2</sub> O <sub>9</sub> _1	90.35	-50.793	Ag <sub>16</sub> Pd <sub>3</sub> F <sub>32</sub> _Rb <sub>3</sub> Mn <sub>16</sub> O <sub>32</sub> _6	115.21	-60.242
Ag <sub>2</sub> Pd <sub>4</sub> F <sub>15</sub> _Dy <sub>2</sub> Mo <sub>4</sub> O <sub>15</sub> _1	90.72	-4.00677	Ag <sub>8</sub> PdF <sub>16</sub> _NaMn <sub>8</sub> O <sub>16</sub> _6	116.40	-166.526
Ag <sub>3</sub> PdF <sub>6</sub> _Ca <sub>3</sub> WO <sub>6</sub> _2	90.91	-28.4269	AgPdF <sub>4</sub> _AsRhO <sub>4</sub> _2	116.41	-114.19
AgPdF <sub>7</sub> _LuPtF <sub>7</sub> _3	91.99	-15.2797	AgPd <sub>3</sub> F <sub>8</sub> _V <sub>3</sub> AgO <sub>8</sub> _1	116.69	-78.0871
Ag <sub>2</sub> PdF <sub>5</sub> _Sc <sub>2</sub> TiO <sub>5</sub> _2	92.38	-16.9269	Ag <sub>7</sub> PdF <sub>19</sub> _PrTa <sub>7</sub> O <sub>19</sub> _1	118.48	-107.961
AgPd <sub>3</sub> F <sub>12</sub> _Cu <sub>3</sub> SbF <sub>12</sub> _3	93.98	-90.5589	Ag <sub>5</sub> PdF <sub>8</sub> _LiAl <sub>5</sub> O <sub>8</sub> _2	119.35	-33.1363
Ag <sub>3</sub> PdF <sub>6</sub> _Pr <sub>3</sub> GaO <sub>6</sub> _5	94.33	-15.9133	AgPdF <sub>3</sub> _TmRhO <sub>3</sub> _5	120.95	-10.9727
Ag <sub>2</sub> Pd <sub>3</sub> F <sub>12</sub> _Ga <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> _6	95.52	-33.3508	Ag <sub>32</sub> PdF <sub>35</sub> _FeNi <sub>35</sub> S <sub>32</sub> _5	121.09	-1846
Ag <sub>3</sub> PdF <sub>20</sub> _Mg <sub>3</sub> Ti <sub>9</sub> O <sub>20</sub> _5	97.36	-2.49028	Ag <sub>2</sub> PdF <sub>6</sub> _Li <sub>2</sub> SnF <sub>6</sub> _4	121.15	-24.4608

Ag <sub>4</sub> Pd <sub>2</sub> F <sub>15</sub> _Tm <sub>2</sub> Mo <sub>4</sub> O <sub>15</sub> _1	97.57	-33.0741	AgPdF <sub>4</sub> _ZnCrO <sub>4</sub> _4	121.91	-16.475
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Ag <sub>12</sub> PdF <sub>33</sub> _Ta <sub>12</sub> MoO <sub>33</sub> _1	123.50	-86.2497	Ag <sub>4</sub> Pd <sub>9</sub> F_H <sub>9</sub> BrO <sub>4</sub> _6	161.09	-45.0651
Ag <sub>4</sub> Pd <sub>2</sub> F <sub>9</sub> _Mg <sub>4</sub> Sb <sub>2</sub> O <sub>9</sub> _3	124.70	-91.9513	Ag <sub>7</sub> PdF <sub>10</sub> _BaGe <sub>7</sub> N <sub>10</sub> _6	161.15	-51.2542
Ag <sub>12</sub> Pd <sub>19</sub> F_EuAl <sub>12</sub> O <sub>19</sub> _5	125.09	-15.9733	Ag <sub>2</sub> Pd <sub>2</sub> F <sub>7</sub> _Sm <sub>2</sub> Ge <sub>2</sub> O <sub>7</sub> _1	161.19	-8.35988
AgPdF <sub>4</sub> _AgRuO <sub>4</sub> _1	129.21	-203.723	Ag <sub>16</sub> Pd <sub>3</sub> F <sub>32</sub> Sr <sub>3</sub> (RhO <sub>2</sub> ) <sub>16</sub> _6	162.29	-27.1732
Ag <sub>2</sub> PdF <sub>5</sub> _Ce <sub>2</sub> TiO <sub>5</sub> _2	129.57	-40.0768	Ag <sub>19</sub> Pd <sub>32</sub> F <sub>5</sub> _Zn <sub>5</sub> Co <sub>19</sub> O <sub>32</sub> _2	163.29	-32.0945
Ag <sub>2</sub> Pd <sub>28</sub> F_Mg(AlB <sub>14</sub> ) <sub>2</sub> _3	129.85	-11.5515	AgPdF <sub>5</sub> _VAsO <sub>5</sub> _5	164.46	-58.4425
AgPdF <sub>4</sub> _MgV <sub>2</sub> O <sub>4</sub> _1	131.21	-58.4425	Ag <sub>3</sub> PdF <sub>7</sub> _Ta <sub>3</sub> O <sub>7</sub> F_1	164.96	-22.5587
Ag <sub>3</sub> Pd <sub>2</sub> F <sub>8</sub> _Ca <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub> _2	132.42	-30.3693	Ag <sub>4</sub> PdF <sub>7</sub> _BaGa <sub>4</sub> O <sub>7</sub> _4	165.17	-27.0694
AgPd <sub>3</sub> F <sub>6</sub> _Li <sub>3</sub> FeF <sub>6</sub> _5	132.47	-3.01931	Ag <sub>9</sub> PdF <sub>27</sub> _Na(WO <sub>3</sub> ) <sub>9</sub> _6	165.50	-42.425
Ag <sub>9</sub> PdF <sub>25</sub> _Nb <sub>9</sub> VO <sub>25</sub> _1	132.61	-40.0807	Ag <sub>4</sub> PdF <sub>8</sub> _NaTa <sub>4</sub> O <sub>8</sub> _1	166.25	-30.2707
Ag <sub>6</sub> PdF <sub>12</sub> _RbMn <sub>6</sub> O <sub>12</sub> _6	132.75	-64.2628	Ag <sub>2</sub> Pd <sub>13</sub> F_LiB <sub>13</sub> C <sub>2</sub> _1	168.95	-1.70281
Ag <sub>5</sub> PdF <sub>8</sub> _Co <sub>5</sub> SbO <sub>8</sub> _1	133.27	-132.594	Ag <sub>2</sub> PdF <sub>4</sub> _Fe <sub>2</sub> NiO <sub>4</sub> _3	169.67	-31.401
Ag <sub>6</sub> Pd <sub>2</sub> F_Ni <sub>6</sub> Ge <sub>2</sub> B_4	135.42	-114.802	Ag <sub>3</sub> PdF <sub>6</sub> _Li <sub>3</sub> FeF <sub>6</sub> _6	172.48	-6.21313
Ag <sub>12</sub> Pd <sub>3</sub> F_Nb(GaNi <sub>4</sub> ) <sub>3</sub> _5	136.33	-35.0695	Ag <sub>4</sub> Pd <sub>12</sub> F_Mn <sub>12</sub> Pt <sub>4</sub> N_5	176.86	-12.0088
Ag <sub>3</sub> PdF <sub>12</sub> _Er(ReO <sub>4</sub> ) <sub>3</sub> _1	136.51	-73.4033	AgPdF <sub>5</sub> _MgCuF <sub>5</sub> _1	177.30	-18.038
Ag <sub>2</sub> Pd <sub>3</sub> F <sub>6</sub> _Na <sub>2</sub> Nb <sub>3</sub> O <sub>6</sub> _3	138.85	-5.47458	Ag <sub>13</sub> Pd <sub>2</sub> F_LiB <sub>13</sub> C <sub>2</sub> _3	179.66	-46.4161
Ag <sub>5</sub> PdF <sub>13</sub> _KSb <sub>5</sub> O <sub>13</sub> _3	139.86	-126.092	AgPd <sub>3</sub> F <sub>7</sub> _Ta <sub>3</sub> O <sub>7</sub> F_3	182.31	-58.2003
AgPdF <sub>8</sub> _Cr <sub>3</sub> AgO <sub>8</sub> _5	140.30	-2.26215	Ag <sub>35</sub> PdF <sub>32</sub> _FeNi <sub>35</sub> S <sub>32</sub> _2	183.17	-66.223
Ag <sub>9</sub> PdF <sub>20</sub> _Mg <sub>3</sub> Ti <sub>9</sub> O <sub>20</sub> _6	143.40	-26.9374	Ag <sub>11</sub> Pd <sub>17</sub> F_KAl <sub>11</sub> O <sub>17</sub> _5	183.58	-10.6893
Ag <sub>11</sub> PdF <sub>33</sub> _La(WO <sub>3</sub> ) <sub>11</sub> _4	143.42	-171.101	Ag <sub>11</sub> Pd <sub>25</sub> F <sub>60</sub> _Mg <sub>11</sub> Ti <sub>25</sub> O <sub>60</sub> _5	187.32	-9.21874
Ag <sub>11</sub> PdF <sub>17</sub> _Al <sub>11</sub> TlO <sub>17</sub> _1	143.97	-40.8828	Ag <sub>4</sub> PdF <sub>8</sub> _RbMn <sub>4</sub> O <sub>8</sub> _6	191.12	-15.3271
Ag <sub>8</sub> PdF <sub>16</sub> _KMn <sub>8</sub> O <sub>16</sub> _4	145.43	-0.71893	Ag <sub>8</sub> PdF <sub>5</sub> _BaNb <sub>5</sub> O <sub>8</sub> _6	192.58	-17.6489
Ag <sub>4</sub> PdF <sub>3</sub> _Cu <sub>2</sub> B <sub>3</sub> Ir <sub>4</sub> _4	145.83	-50.1547	Ag <sub>6</sub> PdF <sub>8</sub> _In(Cu <sub>3</sub> O <sub>4</sub> ) <sub>2</sub> _1	192.59	-79.5199
AgPdF <sub>5</sub> _TaAsO <sub>5</sub> _2	146.31	-53.6564	AgPd <sub>2</sub> F <sub>4</sub> _Lu(CuO <sub>2</sub> ) <sub>2</sub> _3	192.99	-5.64997
Ag <sub>7</sub> Pd <sub>2</sub> F <sub>12</sub> _Co <sub>7</sub> (SbO <sub>6</sub> ) <sub>2</sub> _1	149.00	-18.8944	Ag <sub>17</sub> Pd <sub>3</sub> F <sub>47</sub> _Sm <sub>3</sub> Ta <sub>17</sub> O <sub>47</sub> _4	193.75	-37.3272
Ag <sub>3</sub> PdF <sub>8</sub> _LiCr <sub>3</sub> O <sub>8</sub> _5	151.29	-6.5205	Ag <sub>4</sub> PdF <sub>8</sub> _Nd <sub>4</sub> GeO <sub>8</sub> _4	195.49	-22.7998
Ag <sub>2</sub> PdF <sub>4</sub> _Cd <sub>2</sub> PbO <sub>4</sub> _1	152.59	-84.4417	Ag <sub>3</sub> PdF <sub>8</sub> _V <sub>3</sub> AgO <sub>8</sub> _3	197.82	-1.91845
Ag <sub>12</sub> Pd <sub>4</sub> F_Mn <sub>12</sub> Pt <sub>4</sub> N_6	152.79	-14.9074	Ag <sub>4</sub> PdF <sub>12</sub> _K(WO <sub>3</sub> ) <sub>4</sub> _4	198.74	-16.6504
AgPdF <sub>3</sub> _TiVO <sub>3</sub> _5	153.12	-23.7761	Ag <sub>27</sub> Pd <sub>7</sub> F <sub>9</sub> _Na <sub>7</sub> (WO <sub>3</sub> ) <sub>9</sub> _1	199.36	-1.98617
Ag <sub>7</sub> PdF <sub>12</sub> _Mn <sub>7</sub> GeO <sub>12</sub> _4	153.17	-56.2466	Ag <sub>2</sub> Pd <sub>14</sub> F_Y <sub>2</sub> Fe <sub>14</sub> C_5	200.23	-27.6333
Ag <sub>8</sub> Pd <sub>16</sub> F_NaMn <sub>8</sub> O <sub>16</sub> _4	153.67	-37.352	Ag <sub>2</sub> Pd <sub>2</sub> F <sub>11</sub> _Ta <sub>2</sub> Mo <sub>2</sub> O <sub>11</sub> _3	201.92	-14.4389

AgPd <sub>2</sub> F <sub>8</sub> _CaCu <sub>2</sub> F <sub>8</sub> _3	158.14	-111.156	Ag <sub>2</sub> PdF <sub>4</sub> _Lu(CuO <sub>2</sub> ) <sub>2</sub> _1	202.40	-44.1645
AgPdF <sub>3</sub> _Al <sub>3</sub> BC_4	158.83	-119.357	Ag <sub>3</sub> Pd <sub>8</sub> F <sub>12</sub> _Al <sub>3</sub> (V <sub>3</sub> C <sub>2</sub> ) <sub>4</sub> _3	204.82	-102.26

Ag <sub>19</sub> Pd <sub>5</sub> F <sub>32</sub> _Zn <sub>5</sub> Co <sub>19</sub> O <sub>32</sub> _1	204.93	-4.7357	Ag <sub>2</sub> Pd <sub>2</sub> F <sub>7</sub> _Sm <sub>2</sub> Ge <sub>2</sub> O <sub>7</sub> _1	161.19	-17.0516
AgPd <sub>2</sub> F <sub>4</sub> _SrNb <sub>2</sub> O <sub>4</sub> _3	205.03	-17.5201	Ag <sub>16</sub> Pd <sub>3</sub> F <sub>32</sub> _Sr <sub>3</sub> (RhO <sub>2</sub> ) <sub>16</sub> _6	162.29	-3.82591
Ag <sub>6</sub> PdF_BaIrF <sub>6</sub> _3	209.12	-2.91891	Ag <sub>19</sub> Pd <sub>32</sub> F <sub>5</sub> _Zn <sub>5</sub> Co <sub>19</sub> O <sub>32</sub> _2	163.29	-37.2218
Ag <sub>17</sub> Pd <sub>11</sub> F_KAl <sub>11</sub> O <sub>17</sub> _6	209.27	-14.4557	AgPdF <sub>5</sub> _VAsO <sub>5</sub> _5	164.46	-168.525
AgPd <sub>2</sub> F <sub>4</sub> _MgV <sub>2</sub> O <sub>4</sub> _1	131.21	-17.8073	Ag <sub>3</sub> PdF <sub>7</sub> _Ta <sub>3</sub> O <sub>7</sub> F_1	164.96	-234.582
Ag <sub>3</sub> Pd <sub>2</sub> F <sub>8</sub> _Ca <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub> _2	132.42	-22.5587	Ag <sub>4</sub> PdF <sub>7</sub> _BaGa <sub>4</sub> O <sub>7</sub> _4	165.17	-16.3051
AgPd <sub>3</sub> F <sub>6</sub> _Li <sub>3</sub> FeF <sub>6</sub> _5	132.47	-2.16032	Ag <sub>9</sub> PdF <sub>27</sub> _Na(WO <sub>3</sub> ) <sub>9</sub> _6	165.50	-68.7977
Ag <sub>9</sub> PdF <sub>25</sub> _Nb <sub>9</sub> VO <sub>25</sub> _1	132.61	-0.45285	Ag <sub>4</sub> PdF <sub>8</sub> _NaTa <sub>4</sub> O <sub>8</sub> _1	166.25	-49.0265
Ag <sub>6</sub> PdF <sub>12</sub> _RbMn <sub>6</sub> O <sub>12</sub> _6	132.75	-7.56481	Ag <sub>2</sub> Pd <sub>13</sub> F_LiB <sub>13</sub> C <sub>2</sub> _1	168.95	-135.534
Ag <sub>5</sub> PdF <sub>8</sub> _Co <sub>5</sub> SbO <sub>8</sub> _1	133.27	-56.3789	Ag <sub>2</sub> PdF <sub>4</sub> _Fe <sub>2</sub> NiO <sub>4</sub> _3	169.67	-3.59357
Ag <sub>6</sub> Pd <sub>2</sub> F_Ni <sub>6</sub> Ge <sub>2</sub> B_4	135.42	-2.00282	Ag <sub>3</sub> PdF <sub>6</sub> _Li <sub>3</sub> FeF <sub>6</sub> _6	172.48	-60.5389
Ag <sub>12</sub> Pd <sub>3</sub> F_Nb(GaNi <sub>4</sub> ) <sub>3</sub> _5	136.33	-28.177	Ag <sub>4</sub> Pd <sub>12</sub> F_Mn <sub>12</sub> Pt <sub>4</sub> N_5	176.86	-41.6532
Ag <sub>3</sub> PdF <sub>12</sub> _Er(ReO <sub>4</sub> ) <sub>3</sub> _1	136.51	-0.93376	AgPdF <sub>5</sub> _MgCuF <sub>5</sub> _1	177.30	-23.4868
Ag <sub>2</sub> Pd <sub>3</sub> F <sub>6</sub> _Na <sub>2</sub> Nb <sub>3</sub> O <sub>6</sub> _3	138.85	-32.6544	Ag <sub>13</sub> Pd <sub>2</sub> F_LiB <sub>13</sub> C <sub>2</sub> _3	179.66	-87.4634
Ag <sub>5</sub> PdF <sub>13</sub> _KSb <sub>5</sub> O <sub>13</sub> _3	139.86	-28.622	AgPd <sub>3</sub> F <sub>7</sub> _Ta <sub>3</sub> O <sub>7</sub> F_3	182.31	-46.7701
AgPd <sub>3</sub> F <sub>8</sub> _Cr <sub>3</sub> AgO <sub>8</sub> _5	140.30	-134.084	Ag <sub>35</sub> PdF <sub>32</sub> _FeNi <sub>35</sub> S <sub>32</sub> _2	183.17	-166.138
Ag <sub>9</sub> Pd <sub>3</sub> F <sub>20</sub> _Mg <sub>3</sub> Ti <sub>9</sub> O <sub>20</sub> _6	143.40	-19.7906	Ag <sub>11</sub> Pd <sub>17</sub> F_KAl <sub>11</sub> O <sub>17</sub> _5	183.58	-63.5626
Ag <sub>11</sub> PdF <sub>33</sub> _La(WO <sub>3</sub> ) <sub>11</sub> _4	143.42	-5.63189	Ag <sub>11</sub> Pd <sub>25</sub> F <sub>60</sub> _Mg <sub>11</sub> Ti <sub>25</sub> O <sub>60</sub> _5	187.32	-5.96195
Ag <sub>11</sub> PdF <sub>17</sub> _Al <sub>11</sub> TlO <sub>17</sub> _1	143.97	-29.0225	Ag <sub>4</sub> PdF <sub>8</sub> _RbMn <sub>4</sub> O <sub>8</sub> _6	191.12	-24.9151
Ag <sub>8</sub> PdF <sub>16</sub> _KMn <sub>8</sub> O <sub>16</sub> _4	145.43	-0.46481	Ag <sub>8</sub> PdF <sub>5</sub> _BaNb <sub>5</sub> O <sub>8</sub> _6	192.58	-93.9865
Ag <sub>4</sub> Pd <sub>2</sub> F <sub>3</sub> _Cu <sub>2</sub> B <sub>3</sub> Ir <sub>4</sub> _4	145.83	-52.4847	Ag <sub>6</sub> PdF <sub>8</sub> _In(Cu <sub>3</sub> O <sub>4</sub> ) <sub>2</sub> _1	192.59	-102.837
AgPdF <sub>5</sub> _TaAsO <sub>5</sub> _2	146.31	-7.47947	AgPd <sub>2</sub> F <sub>4</sub> _Lu(CuO <sub>2</sub> ) <sub>2</sub> _3	192.99	-76.2894
Ag <sub>7</sub> Pd <sub>2</sub> F <sub>12</sub> _Co <sub>7</sub> (SbO <sub>6</sub> ) <sub>2</sub> _1	149.00	-38.2336	Ag <sub>17</sub> Pd <sub>3</sub> F <sub>47</sub> _Sm <sub>3</sub> Ta <sub>17</sub> O <sub>47</sub> _4	193.75	-20.0649
Ag <sub>3</sub> PdF <sub>8</sub> _LiCr <sub>3</sub> O <sub>8</sub> _5	151.29	-3.372	Ag <sub>4</sub> PdF <sub>8</sub> _Nd <sub>4</sub> GeO <sub>8</sub> _4	195.49	-8.83626
Ag <sub>2</sub> PdF <sub>4</sub> _Cd <sub>2</sub> PbO <sub>4</sub> _1	152.59	-18.2205	Ag <sub>3</sub> PdF <sub>8</sub> _V <sub>3</sub> AgO <sub>8</sub> _3	197.82	-123.167
Ag <sub>12</sub> Pd <sub>4</sub> F_Mn <sub>12</sub> Pt <sub>4</sub> N_6	152.79	-279.809	Ag <sub>4</sub> PdF <sub>12</sub> _K(WO <sub>3</sub> ) <sub>4</sub> _4	198.74	-3.16804
AgPdF <sub>3</sub> _TiVO <sub>3</sub> _5	153.12	-43.9928	Ag <sub>27</sub> Pd <sub>7</sub> F <sub>9</sub> _Na <sub>7</sub> (WO <sub>3</sub> ) <sub>9</sub> _1	199.36	-58.8493
Ag <sub>7</sub> PdF <sub>12</sub> _Mn <sub>7</sub> GeO <sub>12</sub> _4	153.17	-95.0113	Ag <sub>2</sub> Pd <sub>14</sub> F_Y <sub>2</sub> Fe <sub>14</sub> C_5	200.23	-29.8364
Ag <sub>8</sub> Pd <sub>16</sub> F_NaMn <sub>8</sub> O <sub>16</sub> _4	153.67	-4.86381	Ag <sub>2</sub> Pd <sub>2</sub> F <sub>11</sub> _Ta <sub>2</sub> Mo <sub>2</sub> O <sub>11</sub> _3	201.92	-85.3424
AgPd <sub>2</sub> F <sub>8</sub> _CaCu <sub>2</sub> F <sub>8</sub> _3	158.14	-0.95292	Ag <sub>2</sub> PdF <sub>4</sub> _Lu(CuO <sub>2</sub> ) <sub>2</sub> _1	202.40	-74.4112

AgPdF <sub>3</sub> _Al <sub>3</sub> BC_4	158.83	-18.5255	Ag <sub>3</sub> Pd <sub>8</sub> F <sub>12</sub> _Al <sub>3</sub> (V <sub>3</sub> C <sub>2</sub> ) <sub>4</sub> _3	204.82	-1.34123
Ag <sub>4</sub> Pd <sub>9</sub> F_H <sub>9</sub> BrO <sub>4</sub> _6	161.09	-34.7279	Ag <sub>19</sub> Pd <sub>5</sub> F <sub>32</sub> _Zn <sub>5</sub> Co <sub>19</sub> O <sub>32</sub> _1	204.93	-61.3416
Ag <sub>7</sub> PdF <sub>10</sub> _BaGe <sub>7</sub> N <sub>10</sub> _6	161.15	-15.4188	AgPd <sub>2</sub> F <sub>4</sub> _SrNb <sub>2</sub> O <sub>4</sub> _3	205.03	-60.242

Ag <sub>6</sub> PdF_BaIrF <sub>6</sub> _3	209.12	-166.526	Ag <sub>2</sub> PdF <sub>4</sub> _Ni(AsO <sub>2</sub> ) <sub>2</sub> _6	254.16	-6.5205
Ag <sub>17</sub> Pd <sub>11</sub> F_KAl <sub>11</sub> O <sub>17</sub> _6	209.27	-3.59357	AgPd <sub>14</sub> F_NaAlB <sub>14</sub> _1	255.40	-84.4417
Ag <sub>19</sub> Pd <sub>5</sub> F <sub>32</sub> _Mg <sub>5</sub> Co <sub>19</sub> O <sub>32</sub> _1	210.74	-60.5389	Ag <sub>19</sub> Pd <sub>32</sub> F <sub>5</sub> _Mg <sub>5</sub> Co <sub>19</sub> O <sub>32</sub> _2	264.11	-14.9074
Ag <sub>3</sub> PdF <sub>9</sub> _HoTa <sub>3</sub> O <sub>9</sub> _1	211.83	-41.6532	Ag <sub>17</sub> Pd <sub>57</sub> F <sub>19</sub> _Na <sub>17</sub> (WO <sub>3</sub> ) <sub>19</sub> _3	267.50	-23.7761
Ag <sub>57</sub> Pd <sub>17</sub> F <sub>19</sub> _Na <sub>17</sub> (WO <sub>3</sub> ) <sub>19</sub> _1	215.57	-23.4868	Ag <sub>9</sub> Pd <sub>4</sub> F_H <sub>9</sub> BrO <sub>4</sub> _5	278.58	-51.2542
Ag <sub>4</sub> PdF <sub>12</sub> _ThV <sub>4</sub> O <sub>12</sub> _1	215.79	-87.4634	Ag <sub>64</sub> Pd <sub>103</sub> F <sub>7</sub> _Ba <sub>7</sub> Al <sub>64</sub> O <sub>103</sub> _5	283.41	-8.35988
Ag <sub>21</sub> Pd <sub>3</sub> F <sub>32</sub> _Co <sub>21</sub> Cu <sub>3</sub> O <sub>32</sub> _1	216.06	-203.723	Ag <sub>2</sub> PdF <sub>4</sub> _Co(NiO <sub>2</sub> ) <sub>2</sub> _3	285.38	-47.2514
Ag <sub>6</sub> PdF <sub>16</sub> _BaTa <sub>6</sub> O <sub>16</sub> _4	217.49	-40.0768	Ag <sub>2</sub> Pd <sub>2</sub> F_Cr <sub>2</sub> Ir <sub>2</sub> C_5	288.27	-60.956
Ag <sub>4</sub> PdF <sub>6</sub> _Ca <sub>4</sub> PtO <sub>6</sub> _1	217.73	-11.5515	AgPd <sub>16</sub> F <sub>10</sub> _Ba(H <sub>8</sub> O <sub>5</sub> ) <sub>2</sub> _1	289.17	-29.415
Ag <sub>15</sub> Pd <sub>2</sub> F <sub>32</sub> _K <sub>2</sub> Ta <sub>15</sub> O <sub>32</sub> _3	218.24	-58.4425	Ag <sub>103</sub> Pd <sub>64</sub> F <sub>7</sub> _Ba <sub>7</sub> Al <sub>64</sub> O <sub>103</sub> _6	292.47	-42.6644
AgPdF <sub>6</sub> _LiWF <sub>6</sub> _2	220.04	-30.3693	AgPd <sub>16</sub> F <sub>8</sub> _Mn <sub>8</sub> PbO <sub>16</sub> _1	293.24	-9.19462
AgPdF <sub>5</sub> _Ti <sub>2</sub> CoO <sub>5</sub> _2	224.50	-3.01931	Ag <sub>3</sub> Pd <sub>2</sub> F <sub>6</sub> _Na <sub>2</sub> Nb <sub>3</sub> O <sub>6</sub> _1	294.64	-97.214
AgPdF <sub>3</sub> _ScGaO <sub>3</sub> _4	227.19	-40.0807	Ag <sub>12</sub> PdF <sub>19</sub> _EuAl <sub>12</sub> O <sub>19</sub> _3	295.13	-13.8397
Ag <sub>2</sub> Pd <sub>3</sub> F <sub>8</sub> _Ca <sub>2</sub> V <sub>3</sub> O <sub>8</sub> _1	228.04	-64.2628	AgPdF <sub>4</sub> _TlAsO <sub>4</sub> _6	295.59	-42.7866
AgPdF <sub>3</sub> _TiFeO <sub>3</sub> _5	232.93	-132.594	Ag <sub>6</sub> PdF <sub>18</sub> _Tl(WO <sub>3</sub> ) <sub>6</sub> _6	298.53	-127.332
AgPd <sub>13</sub> F <sub>2</sub> _LiB <sub>13</sub> C <sub>2</sub> _6	233.40	-114.802	AgPdF <sub>4</sub> _GdAsO <sub>4</sub> _5	308.37	-69.1169
Ag <sub>5</sub> PdF <sub>8</sub> _Co <sub>5</sub> NiS <sub>8</sub> _2	234.56	-35.0695	AgPd <sub>2</sub> F_V <sub>2</sub> GaN_6	326.67	-138.389
Ag <sub>2</sub> PdF <sub>5</sub> _TmMn <sub>2</sub> O <sub>5</sub> _6	238.09	-73.4033	Ag <sub>3</sub> Pd <sub>30</sub> F <sub>10</sub> _Na <sub>3</sub> (WO <sub>3</sub> ) <sub>10</sub> _3	327.16	-1.64385
Ag <sub>64</sub> Pd <sub>7</sub> F <sub>103</sub> _Ba <sub>7</sub> Al <sub>64</sub> O <sub>103</sub> _3	239.82	-5.47458	AgPd <sub>2</sub> F <sub>4</sub> _Fe <sub>2</sub> NiO <sub>4</sub> _1	340.35	-8.03935
Ag <sub>4</sub> Pd <sub>17</sub> F <sub>4</sub> _Ni <sub>17</sub> (GeSe) <sub>4</sub> _2	240.00	-126.092	AgPdF <sub>2</sub> _Mo <sub>2</sub> CN_1	348.65	-23.4447
Ag <sub>3</sub> Pd <sub>5</sub> F <sub>12</sub> _Sm <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> _1	240.80	-2.26215	Ag <sub>2</sub> Pd <sub>2</sub> F <sub>11</sub> _Ta <sub>2</sub> Mo <sub>2</sub> O <sub>11</sub> _1	353.77	-32.8894
Ag <sub>5</sub> Pd <sub>3</sub> F <sub>12</sub> _Tm <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> _1	242.02	-26.9374	Ag <sub>2</sub> PdF <sub>4</sub> _Zn(CuO <sub>2</sub> ) <sub>2</sub> _3	356.11	-35.6304
Ag <sub>2</sub> PdF <sub>3</sub> _TaZn <sub>2</sub> N <sub>3</sub> _5	242.11	-171.101	Ag <sub>2</sub> Pd <sub>21</sub> F <sub>6</sub> _Al <sub>2</sub> (Ni <sub>7</sub> B <sub>2</sub> ) <sub>3</sub> _2	376.31	-49.9314
Ag <sub>3</sub> PdF <sub>6</sub> _Ni(PtO <sub>2</sub> ) <sub>3</sub> _1	245.42	-40.8828	Ag <sub>5</sub> Pd <sub>16</sub> F <sub>7</sub> _Li <sub>5</sub> Mn <sub>7</sub> O <sub>16</sub> _4	406.53	-118.646
Ag <sub>7</sub> Pd <sub>27</sub> F <sub>9</sub> _Na <sub>7</sub> (WO <sub>3</sub> ) <sub>9</sub> _3	245.80	-0.71893	AgPdF <sub>7</sub> _TiV <sub>2</sub> O <sub>7</sub> _6	410.70	-4.63566
Ag <sub>16</sub> Pd <sub>10</sub> F_Ba(H <sub>8</sub> O <sub>5</sub> ) <sub>2</sub> _5	246.00	-50.1547	AgPdF <sub>2</sub> _LiMoN <sub>2</sub> _6	411.51	-35.3713
Ag <sub>19</sub> Pd <sub>12</sub> F_EuAl <sub>12</sub> O <sub>19</sub> _6	246.55	-53.6564	AgPd <sub>2</sub> F_SrCuO <sub>2</sub> _5	425.25	-49.1451
Ag <sub>7</sub> PdF <sub>12</sub> _Y <sub>7</sub> HoO <sub>12</sub> _1	250.03	-18.8944	Ag <sub>3</sub> Pd <sub>32</sub> F <sub>21</sub> _Co <sub>21</sub> Cu <sub>3</sub> O <sub>32</sub> _5	441.43	-6.77787
Ag <sub>4</sub> Pd <sub>12</sub> F <sub>3</sub> _Mn <sub>12</sub> Ge <sub>4</sub> N <sub>3</sub> _5	485.80	-15.0086	Ag <sub>6</sub> PdF <sub>18</sub> _Rb(WO <sub>3</sub> ) <sub>6</sub> _6	275.56	-119.357

AgPd <sub>3</sub> F_LaAlO <sub>3</sub> _5	504.54	-50.793	Ag <sub>2</sub> PdF <sub>8</sub> _Co(ReO <sub>4</sub> ) <sub>2</sub> _3	277.75	-45.0651
AgPd <sub>2</sub> F <sub>4</sub> _Co(NiO <sub>2</sub> ) <sub>2</sub> _1	510.31	-4.00677	Ag <sub>3</sub> PdF_AcGaO <sub>3</sub> _1	610.61	-15.2797
Ag <sub>5</sub> Pd <sub>8</sub> F_LiAl <sub>5</sub> O <sub>8</sub> _1	546.45	-28.4269	AgPd <sub>3</sub> F_CaH <sub>3</sub> Pd_5	648.44	-16.9269
Ag <sub>2</sub> PdF <sub>8</sub> _CaCu <sub>2</sub> F <sub>8</sub> _1	267.95	-56.2466	Ag <sub>2</sub> Pd <sub>4</sub> F_Be(CoO <sub>2</sub> ) <sub>2</sub> _5	1110.23	-90.5589
AgPd <sub>28</sub> F <sub>2</sub> _Mg(AlB <sub>14</sub> ) <sub>2</sub> _4	273.23	-37.352	AgPd <sub>4</sub> F <sub>2</sub> _Be(CoO <sub>2</sub> ) <sub>2</sub> _2	1437.81	-15.9133
Ag <sub>2</sub> Pd <sub>2</sub> F <sub>7</sub> _Sc <sub>2</sub> Pt <sub>2</sub> O <sub>7</sub> _3	273.96	-111.156			

	<b>Composition</b>	<b>Symmetry</b>	$E_d$ (meV/atom)
<b>ML+DFT predicted metastable phase (CGCNN-1 and CGCNN-2)</b>	Ag <sub>3</sub> PdF <sub>7</sub> _Er <sub>3</sub> TaO <sub>7</sub>	$P\bar{1}$	27.43
	Ag <sub>4</sub> Pd <sub>3</sub> F <sub>12</sub> _Lu <sub>4</sub> Hf <sub>3</sub> O <sub>12</sub>	$P\bar{1}$	28.75
	Ag <sub>3</sub> PdF <sub>7</sub> _Sm <sub>3</sub> MoO <sub>7</sub>	$P2_12_12_1$	29.86
	Ag <sub>2</sub> PdF <sub>5</sub> _Na <sub>2</sub> VF <sub>5</sub>	$P2_1/c$	36.97
	Ag <sub>3</sub> Pd <sub>2</sub> F <sub>12</sub> _Ga <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub>	$P2_1/c$	38.33
	Ag <sub>3</sub> Pd <sub>10</sub> F <sub>30</sub> _Na <sub>3</sub> (WO <sub>3</sub> ) <sub>10</sub>	$P2/m$	42.72
	AgPd <sub>11</sub> F <sub>33</sub> _La(WO <sub>3</sub> ) <sub>11</sub>	$P\bar{1}$	43.08
	AgPd <sub>7</sub> F <sub>19</sub> _PrTa <sub>7</sub> O <sub>19</sub>	$P\bar{6}c2$	46.29
	AgPd <sub>9</sub> F <sub>27</sub> _Na(WO <sub>3</sub> ) <sub>9</sub>	$R\bar{3}$	48.46
	AgPd <sub>3</sub> F <sub>8</sub> _NaSb <sub>3</sub> O <sub>8</sub>	$P2_1/c$	48.83
	Ag <sub>2</sub> Pd <sub>4</sub> F <sub>13</sub> _Na <sub>2</sub> W <sub>4</sub> O <sub>13</sub>	$C2/m$	51.75
	AgPdF <sub>5</sub> _MgCuF <sub>5</sub>	$C2/c$	52.67
	Ag <sub>3</sub> PdF <sub>8</sub> _Ho <sub>3</sub> ReO <sub>8</sub>	$P2_1/c$	53.15
	Ag <sub>6</sub> Pd <sub>8</sub> F <sub>25</sub> _Ta <sub>8</sub> Pb <sub>6</sub> O <sub>25</sub>	$C2$	58.84
	AgPd <sub>6</sub> F <sub>18</sub> _Tl(WO <sub>3</sub> ) <sub>6</sub>	$P6/mmm$	67.77
	AgPd <sub>12</sub> F <sub>33</sub> _Ta <sub>12</sub> MoO <sub>33</sub>	$C2$	76.42
	AgPd <sub>4</sub> F <sub>8</sub> _NaTa <sub>4</sub> O <sub>8</sub>	$Cm$	76.49
	Ag <sub>3</sub> PdF <sub>12</sub> _Cu <sub>3</sub> SbF <sub>12</sub>	$Im\bar{3}m$	81.41
	AgPdF <sub>6</sub> _NaVF <sub>6</sub>	$Pnma$	83.18
	Ag <sub>3</sub> Pd <sub>3</sub> F <sub>10</sub> _Tl <sub>3</sub> Os <sub>3</sub> O <sub>10</sub>	$I4_1/amd$	83.53
	AgPd <sub>8</sub> F <sub>16</sub> _BaTi <sub>8</sub> O <sub>16</sub>	$C2$	85.26
	Ag <sub>5</sub> Pd <sub>13</sub> F <sub>30</sub> _Mg <sub>5</sub> Ti <sub>13</sub> O <sub>30</sub>	$Pm$	90.14
	AgPd <sub>9</sub> F <sub>25</sub> _Nb <sub>9</sub> VO <sub>25</sub>	$I\bar{4}$	90.23
	Ag <sub>3</sub> PdF <sub>6</sub> _Ca <sub>3</sub> WO <sub>6</sub>	$R\bar{3}$	90.91
	AgPd <sub>3</sub> F <sub>12</sub> _Cu <sub>3</sub> SbF <sub>12</sub>	$Im\bar{3}m$	93.99
	Ag <sub>3</sub> PdF <sub>6</sub> _Pr <sub>3</sub> GaO <sub>6</sub>	$Cmc2_1$	94.33
	Ag <sub>3</sub> Pd <sub>9</sub> F <sub>20</sub> _Mg <sub>3</sub> Ti <sub>9</sub> O <sub>20</sub>	$Cm$	97.36
	AgPdF <sub>5</sub> _ZnCuF <sub>5</sub>	$P2_1/c$	99.55

<b>ML+DFT predicted metastable phase (CGCNN-1)</b>	AgPd <sub>4</sub> F <sub>10</sub> _ZrU <sub>4</sub> O <sub>10</sub>	<i>P1</i>	10.73
	AgPdF <sub>5</sub> _CaCuF <sub>5</sub>	<i>P2<sub>1</sub>/c</i>	20.11
	AgPdF <sub>4</sub> _TbSbO <sub>4</sub>	<i>P</i> $\bar{1}$	28.33
	Ag <sub>6</sub> PdF <sub>12</sub> _La <sub>6</sub> WO <sub>12</sub>	<i>R</i> $\bar{3}$	29.27
	AgPd <sub>3</sub> F <sub>7</sub> _Er <sub>3</sub> TaO <sub>7</sub>	<i>P</i> $\bar{1}$	29.66
	Ag <sub>3</sub> PdF <sub>15</sub> _CaAs <sub>3</sub> F <sub>15</sub>	<i>P2<sub>1</sub>2<sub>1</sub>2<sub>1</sub></i>	33.99
	Ag <sub>3</sub> Pd <sub>2</sub> F <sub>12</sub> _Dy <sub>2</sub> (SeO <sub>4</sub> ) <sub>3</sub>	<i>Pbcn</i>	34.36
	Ag <sub>3</sub> PdF <sub>7</sub> _Er <sub>3</sub> SbO <sub>7</sub>	<i>C222<sub>1</sub></i>	36.22
	AgPd <sub>4</sub> F <sub>12</sub> _K(WO <sub>3</sub> ) <sub>4</sub>	<i>P3m1</i>	37.02
	Ag <sub>2</sub> Pd <sub>2</sub> F <sub>7</sub> _Sm <sub>2</sub> Mn <sub>2</sub> O <sub>7</sub>	<i>Fd</i> $\bar{3}m$	38.04
	AgPd <sub>5</sub> F <sub>13</sub> _NaSb <sub>5</sub> O <sub>13</sub>	<i>Ama2</i>	42.92
	Ag <sub>3</sub> Pd <sub>2</sub> F <sub>12</sub> _Ho <sub>2</sub> (SeO <sub>4</sub> ) <sub>3</sub>	<i>R</i> $\bar{3}c$	43.53
	AgPd <sub>3</sub> F <sub>9</sub> _Tl(WO <sub>3</sub> ) <sub>3</sub>	<i>P6mm</i>	44.89
	AgPd <sub>2</sub> F <sub>6</sub> _Ta <sub>2</sub> PbO <sub>6</sub>	<i>Pnma</i>	45.49
	AgPd <sub>2</sub> F <sub>6</sub> _Ga(SiNi <sub>3</sub> ) <sub>2</sub>	<i>Pm</i>	46.16
	AgPd <sub>3</sub> F <sub>9</sub> _GdTa <sub>3</sub> O <sub>9</sub>	<i>P2<sub>1</sub>/m</i>	46.74
	Ag <sub>3</sub> Pd <sub>2</sub> F <sub>12</sub> _Y <sub>2</sub> Cr <sub>3</sub> O <sub>12</sub>	<i>Fddd</i>	51.42
	Ag <sub>2</sub> Pd <sub>5</sub> F <sub>12</sub> _Lu <sub>5</sub> (ReO <sub>6</sub> ) <sub>2</sub>	<i>C2/m</i>	52.14
	Ag <sub>3</sub> Pd <sub>2</sub> F <sub>9</sub> _Pr <sub>3</sub> Re <sub>2</sub> O <sub>9</sub>	<i>P</i> $\bar{1}$	52.16
	Ag <sub>3</sub> Pd <sub>17</sub> F <sub>47</sub> _Sm <sub>3</sub> Ta <sub>17</sub> O <sub>47</sub>	<i>P2/m</i>	54.49
	Ag <sub>2</sub> Pd <sub>2</sub> F <sub>7</sub> _Ta <sub>2</sub> Pb <sub>2</sub> O <sub>7</sub>	<i>Cmc2<sub>1</sub></i>	55.49
	Ag <sub>3</sub> Pd <sub>4</sub> F <sub>13</sub> _Nb <sub>4</sub> Pb <sub>3</sub> O <sub>13</sub>	<i>Pmma</i>	55.69
	AgPd <sub>2</sub> F <sub>6</sub> _Tm <sub>2</sub> TeO <sub>6</sub>	<i>P2<sub>1</sub>2<sub>1</sub>2<sub>1</sub></i>	56.29
	Ag <sub>4</sub> Pd <sub>2</sub> F <sub>15</sub> _Dy <sub>2</sub> Mo <sub>4</sub> O <sub>15</sub>	<i>P2<sub>1</sub>/c</i>	57.85
	AgPdF <sub>4</sub> _EuSeO <sub>4</sub>	<i>P2<sub>1</sub>/c</i>	58.84
	Ag <sub>4</sub> Pd <sub>6</sub> F <sub>19</sub> _Ta <sub>6</sub> Pb <sub>4</sub> O <sub>19</sub>	<i>Imma</i>	59.61
	AgPdF <sub>5</sub> _NbVO <sub>5</sub>	<i>Pnma</i>	60.46
	Ag <sub>3</sub> Pd <sub>14</sub> F <sub>28</sub> _Ba <sub>3</sub> (RhO <sub>2</sub> ) <sub>14</sub>	<i>P</i> $\bar{1}$	61.22
	AgPd <sub>6</sub> F <sub>18</sub> _Rb(WO <sub>3</sub> ) <sub>6</sub>	<i>Pnnm</i>	61.46

**Table S5** The novel Ag-Pd-F metastable compounds with  $E_d < 100 \text{ meV/atom}$  using machine-learning (ML), including the Ag-Pd-F structures, along with the space group symmetries and  $E_d$  values by the CGCNN-1 and CGCNN-2 model.

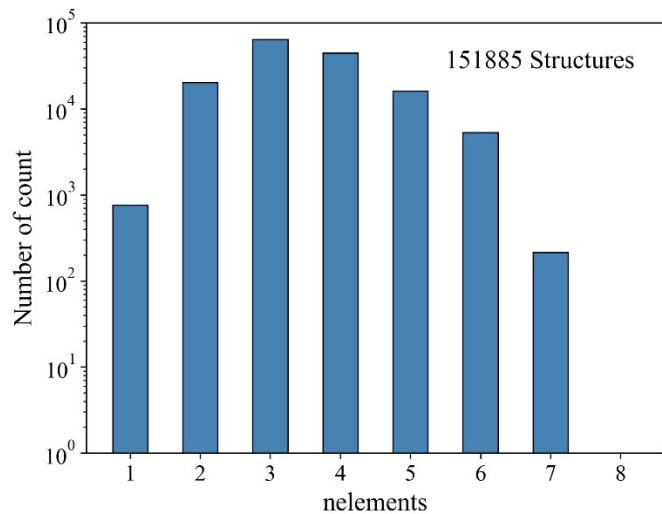
**ML+DFT predicted metastable phase  
(CGCNN-1)  
(continued)**

$\text{Ag}_2\text{PdF}_6\text{ZnFeF}_7$	$C\bar{2}/c$	68.01
$\text{Ag}_2\text{Pd}_2\text{F}_7\text{Tb}_2\text{Ti}_2\text{O}_7$	$P\bar{2}1$	63.40
$\text{Ag}_5\text{Pd}_4\text{F}_{15}\text{Sr}_5\text{Ta}_4\text{O}_{15}$	$P\bar{3}c1$	68.03
$\text{Ag}_2\text{Pd}_2\text{F}_{12}\text{CaAs}_2\text{F}_{12}$	$P\bar{4}m\bar{2}$	63.94
$\text{Ag}_5\text{Pd}_6\text{F}_{16}\text{BaTa}_6\text{O}_{16}$	$Amm\bar{2}$	68.46
$\text{Ag}_3\text{Pd}_6\text{F}_{12}\text{Lu}_6\text{TeO}_{12}$	$\bar{P}3$	64.62
$\text{Ag}_3\text{Pd}_6\text{F}_{12}\text{Lu}_4\text{Hf}_3\text{O}_{12}$	$P1$	69.19
$\text{Ag}_4\text{Pd}_3\text{F}_8\text{Ho}_3\text{ReO}_8$	$P\bar{2}1/c$	65.56
$\text{Ag}_4\text{Pd}_3\text{F}_8\text{Ti}_4\text{CN}_3$	$R\bar{3}m$	69.53
$\text{Ag}_5\text{Pd}_5\text{F}_{16}\text{La}_5\text{Mn}_5\text{O}_{16}$	$P1$	66.43
$\text{Ag}_7\text{Pd}_9\text{F}_{27}\text{Na}_7(\text{WO}_3)_9$	$P1$	69.73
$\text{AgPdF}_6\text{LiFeF}_6$	$P4_2nm$	69.88
$\text{Ag}_5\text{Pd}_2\text{F}_{12}\text{Tb}_5(\text{RuO}_6)_2$	$C2/m$	71.39
$\text{Ag}_4\text{Pd}_3\text{F}_{12}\text{Mn}_{12}\text{Ge}_4\text{N}_3$	$P4/m$	72.44
$\text{Ag}_4\text{Pd}_2\text{F}_9\text{Sr}_4\text{Ru}_2\text{O}_9$	$P321$	74.88
$\text{AgPdF}_4\text{NaYF}_4$	$P1$	77.44
$\text{Ag}_{14}\text{Pd}_{10}\text{F}_{39}\text{Nb}_{10}\text{Pb}_{14}\text{O}_{39}$	$Amm\bar{2}$	82.55
$\text{Ag}_3\text{Pd}_5\text{F}_{12}\text{La}_3\text{Sb}_5\text{O}_{12}$	$\bar{I}\bar{4}3m$	84.03
$\text{Ag}_{21}\text{Pd}_{14}\text{F}_{47}\text{Sr}_{21}\text{Fe}_{14}\text{O}_{47}$	$P\bar{1}$	86.43
$\text{AgPd}_2\text{F}_6\text{Tm}_2\text{WO}_6$	$P2/c$	86.51
$\text{AgPdF}_6\text{LiMnF}_6$	$R\bar{3}$	90.34
$\text{AgPdF}_3\text{YReN}_3$	$Pnma$	90.48
$\text{Ag}_8\text{Pd}_3\text{F}_8\text{Ti}_8\text{Cu}_3\text{Ni}$	$P4/mmm$	90.49
$\text{AgPd}_2\text{F}_{12}\text{BaAs}_2\text{F}_{12}$	$Pm\bar{3}m$	90.57
$\text{AgPd}_{13}\text{F}_{33}\text{NaNb}_{13}\text{O}_{33}$	$P1$	92.35
$\text{Ag}_3\text{Pd}_{16}\text{F}_{32}\text{Rb}_3\text{Mn}_{16}\text{O}_{32}$	$P\bar{1}$	93.03
$\text{Ag}_2\text{PdF}_{12}\text{CaCr}_2\text{F}_{12}$	$P\bar{1}$	93.68
$\text{AgPd}_2\text{F}_6\text{Hg}(\text{SbO}_3)_2$	$P\bar{3}1m$	94.03
$\text{AgPd}_6\text{F}_{12}\text{Rb}(\text{IrO}_2)_6$	$I4/m$	94.76
$\text{Ag}_{12}\text{Pd}_8\text{F}_3\text{Al}_3(\text{V}_3\text{C}_2)_4$	$P6_3/mcm$	94.79
$\text{Ag}_2\text{Pd}_8\text{F}_{19}\text{U}_8\text{Bi}_2\text{O}_{19}$	$P1$	95.68
$\text{AgPdF}_4\text{EuSeO}_4$	$P2_1/c$	98.37

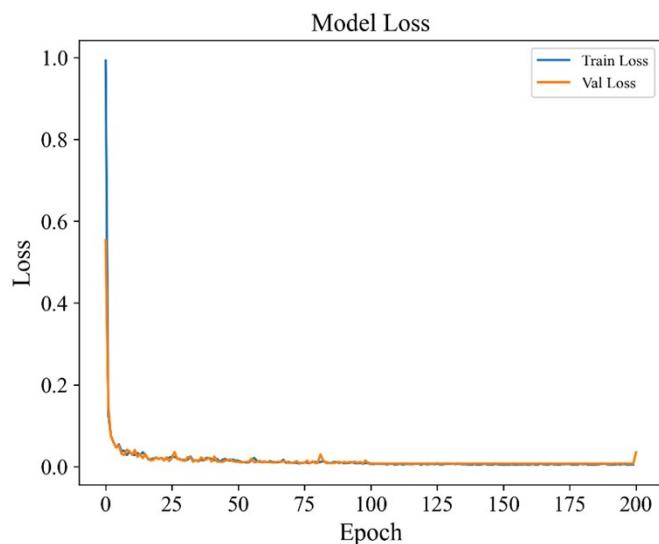
<b>ML+DFT predicted metastable phase (CGCNN-2)</b>	$\text{Ag}_{12}\text{Pd}_8\text{F}_{27}\text{Sr}_{12}\text{Fe}_8\text{O}_{27}$	$P\bar{2}1/c$	31.82
	$\text{Ag}_3\text{PdF}_8\text{NaSb}_3\text{O}_8$	$P\bar{2}/c$	33.79
	$\text{Ag}_2\text{PdF}_6\text{Tm}_2\text{WO}_6$	$P\bar{2}/c$	19.62
	$\text{Ag}_3\text{Pd}_2\text{F}_{12}\text{Cr}_3(\text{FeO}_6)_2$	$P\bar{2}_1/c$	33.98
	$\text{Ag}_4\text{PdF}_{10}\text{ZrU}_4\text{O}_{10}$	$P\bar{I}$	23.36
	$\text{AgPdF}_4\text{MgTeO}_4$	$P\bar{2}/c$	34.20
	$\text{Ag}_4\text{Pd}_3\text{F}_{12}\text{Lu}_4\text{Zr}_3\text{O}_{12}$	$P\bar{1}$	24.74
	$\text{AgPdF}_4\text{InSbO}_4\text{1}$	$P\bar{2}_1/c$	35.78
	$\text{Ag}_2\text{Pd}_2\text{F}_7\text{Tm}_2\text{Ti}_2\text{O}_7$	$P\bar{2}_1$	26.77
	$\text{AgPdF}_4\text{InSbO}_4\text{2}$	$P\bar{2}_1/c$	36.03
	$\text{AgPdF}_5\text{VAsO}_5$	$Pnma$	28.23
	$\text{AgPd}_3\text{F}_9\text{HoTa}_3\text{O}_9$	$P2_1/m$	36.27
	$\text{AgPdF}_4\text{NbGaO}_4$	$C2/m$	37.22
	$\text{Ag}_2\text{PdF}_5\text{Ti}_2\text{CoO}_5$	$Cmcm$	39.27
	$\text{Ag}_{25}\text{Pd}_{11}\text{F}_{60}\text{Mg}_{11}\text{Ti}_{25}\text{O}_{60}$	$P\bar{I}$	39.46
	$\text{AgPdF}_3\text{YMoN}_3$	$C2/c$	41.62
	$\text{Ag}_3\text{PdF}_7\text{Lu}_3\text{SbO}_7$	$C222_1$	42.02
<b>ML+DFT predicted metastable phase (CGCNN-2) (continued)</b>	$\text{AgPd}_3\text{F}_8\text{LiCr}_3\text{O}_8$	$Pnnm$	42.49
	$\text{Ag}_5\text{Pd}_2\text{F}_{12}\text{Y}_5\text{U}_2\text{O}_{12}$	$P\bar{I}$	43.18
	$\text{Ag}_2\text{PdF}_6\text{Pr}_2\text{WO}_6$	$C2/c$	45.32
	$\text{AgPdF}_3\text{LuGaO}_3$	$P6_3cm$	46.84
	$\text{Ag}_6\text{PdF}_{12}\text{Lu}_6\text{WO}_{12}$	$R\bar{3}$	47.39
	$\text{Ag}_2\text{PdF}_6\text{LiCu}_2\text{F}_6$	$P4_2/mnm$	47.93
	$\text{Ag}_{13}\text{Pd}_5\text{F}_{30}\text{Mg}_5\text{Ti}_{13}\text{O}_{30}$	$Pm$	49.59
	$\text{AgPdF}_5\text{ZnCuF}_5$	$P2_1/c$	50.02
	$\text{AgPdF}_4\text{LiAgF}_4\text{1}$	$C2/c$	51.67
	$\text{AgPdF}_4\text{LiAgF}_4\text{2}$	$C2/c$	51.71
	$\text{Ag}_5\text{PdF}_8\text{TaSb}_3\text{O}_8$	$Pc$	52.11
	$\text{AgPd}_2\text{F}_8\text{Co(ReO}_4)_2$	$P\bar{3}m1$	53.89
	$\text{Ag}_2\text{PdF}_6\text{Sb}_2\text{WO}_6$	$P2_1$	54.72
	$\text{AgPdF}_4\text{CuTeO}_4$	$Cmmm$	57.18
	$\text{Ag}_7\text{Pd}_2\text{F}_{15}\text{Mg}_2\text{Ti}_7\text{O}_{15}$	$P2_1/m$	64.51

**ML+DFT predicted metastable phase  
(CGCNN-2)  
(continued)**

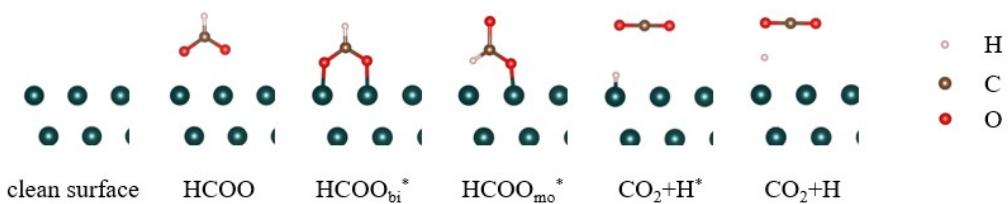
$\text{Ag}_3\text{Pd}_2\text{F}_{12}\text{Nd}_2(\text{MoO}_4)_3$	$P\bar{2}/c$	78.78
$\text{AgPd}_2\text{F}_6\text{Mn}_2\text{TeO}_6$	$P4_3/mnm$	66.40
$\text{AgPd}_2\text{F}_6\text{Ta}_2\text{CdO}_6$	$Pbcn$	80.01
$\text{AgPd}_6\text{LiCuF}_4$	$\bar{P}1/c$	67.36
$\text{AgPd}_6\text{CuPdF}_6$	$\bar{P}1$	82.17
$\text{AgPd}_2\text{F}_7\text{CrNiF}_6$	$F\bar{d}3m$	73.59
$\text{Ag}_2\text{Pd}_2\text{F}_7\text{Y}_2\text{Fe}_2\text{O}_7$	$R\bar{3}$	82.29
$\text{Ag}_5\text{Pd}_2\text{F}_{12}\text{Na}_3\text{TiF}_6$	$C2/m$	73.95
$\text{Ag}_5\text{Pd}_2\text{F}_{12}\text{Lu}_5(\text{ReO}_6)_2$	$P2_1/c$	83.67
$\text{Ag}_3\text{PdF}_6\text{Nb}_2\text{CdO}_6$	$Pbcn$	74.64
$\text{Ag}_3\text{PdF}_9\text{Tm}(\text{IO}_3)_3$	$P2_1/c$	84.08
$\text{Ag}_3\text{Pd}_2\text{F}_7\text{Li}_3\text{NiF}_6$	$Pna2_1$	75.35
$\text{Ag}_2\text{Pd}_2\text{F}_7\text{Tm}_2\text{Ti}_2\text{O}_7$	$P2_1$	87.85
$\text{AgPdF}_4\text{MgTeO}_4$	$P2/c$	76.21
$\text{Ag}_4\text{Pd}_2\text{F}_9\text{Ca}_4\text{Ta}_2\text{O}_9$	$P2_1/c$	88.03
$\text{Ag}_2\text{Pd}_3\text{F}_{12}\text{Nd}_2(\text{MoO}_4)_3$	$C2/c$	88.32
$\text{AgPd}_2\text{F}_6\text{Li}_2\text{SnF}_6$	$P\bar{3}Im$	88.91
$\text{Ag}_2\text{Pd}_4\text{F}_9\text{Mg}_4\text{Sb}_2\text{O}_9$	$\bar{P}1$	89.66
$\text{Ag}_2\text{Pd}_4\text{F}_{15}\text{Dy}_2\text{Mo}_4\text{O}_{15}$	$P2_1/c$	90.35
$\text{AgPdF}_7\text{LuPtF}_7$	$P2_1/c$	90.72
$\text{Ag}_2\text{PdF}_5\text{Sc}_2\text{TiO}_5$	$Cmc2_1$	91.99
$\text{Ag}_2\text{Pd}_3\text{F}_{12}\text{Ga}_2(\text{MoO}_4)_3$	$P2_1/c$	92.38
$\text{Ag}_4\text{Pd}_2\text{F}_{15}\text{Tm}_2\text{Mo}_4\text{O}_{15}$	$P2_1/c$	95.52
$\text{Ag}_5\text{Pd}_3\text{F}_{13}\text{Pr}_5\text{Ge}_3\text{O}_{13}$	$P6_3/m$	97.57
$\text{AgPdF}_6\text{LiWF}_6$	$P2_1/c$	98.72
		99.98



**Fig S1** Histogram representing the distribution of the number of elements in each crystal in the training dataset



**Fig S2** Loss curves of CGCNN model training set and validation set



**Fig S3** Direct dissociation path for the formate oxidation reaction.  $HCOO^-$  initially forms  $HCOO_{bi}^{*-}$  on a clean catalyst surface. Then  $HCOO_{bi}^{*-}$  transitions to a  $HCOO_{mo}^{*-}$ , which is more favorable for the reaction. Subsequently, the C-H bond in  $HCOO_{mo}^{*-}$  breaks, resulting in the formation of an  $H^*$  and  $CO_2$ . Ultimately, the reaction products are  $H$  and  $CO_2$ , with the release of two electrons. The atoms of H, C, and O are represented by white, brown, and red spheres, respectively.

## Element replacement and lattice scaling codes

```
import os
import csv
from itertools import permutations
from pymatgen.core import Structure
from pymatgen.transformations.standard_transformations
import SubstitutionTransformation

original_folder_path = " "
new_folder_path = " "
csv_file_path = " "

file_list = [f for f in os.listdir(original_folder_path) if f.endswith(".cif")] # Get the list of all files ending with ".cif" in the folder
os.makedirs(new_folder_path, exist_ok=True) # Create the folder to save the new crystal structures
structure_info = [] # Create an empty list to save the new CIF file names and their chemical formulas

# Loop over scaling factors from 0.96 to 1.04 in intervals of 0.02
scaling_factors = [round(x, 2) for x in list((i / 100) for i in range(96, 105, 2))]

# Iterate over each original crystal structure file
for scale_factor in scaling_factors:
    for file_name in file_list:
        file_path = os.path.join(original_folder_path, file_name) # Build the full path of the original crystal structure file
        structure = Structure.from_file(file_path) # Read the original crystal structure file
        original_formula = structure.composition.reduced_formula # Get the chemical formula of the crystal structure

        scaled_structure = structure.copy()
        scaled_structure.scale_lattice(scale_factor)
```

```

elements = list(set([site.species_string for site in structure.sites])) # Get all the element types in the crystal structure
and determine the order to replace with Ag, Pd, and F

replacements = ["Ag", "Pd", "F"]

substitution_mapping = {elements[i]: replacements[i] for i in range(len(elements))} # Create the substitution
mapping dictionary

unique_permutations = list(permute(replacements)) # Generate all unique permutations

# Iterate over all permutations
for i, perm in enumerate(unique_permutations, start=1):

    permutation_mapping = {elements[i]: perm[i] for i in range(len(elements))} # Create the substitution mapping
dictionary

    substitution = SubstitutionTransformation(permutation_mapping) # Create substitution transformation object

    new_structure = substitution.apply_transformation(structure) # Apply substitution transformation and get the
substituted crystal structure

    new_formula = new_structure.composition.reduced_formula # Get the chemical formula of the substituted
crystal structure

    # Build the new file path

    new_file_name = f'{new_formula}_{original_formula}_{scale_factor}_{i}.cif'
    new_file_path = os.path.join(new_folder_path, new_file_name)
    new_structure.to(filename=new_file_path) # Write the substituted crystal structure to the new file

    structure_info.append([new_file_name, original_formula]) # Add the new CIF file name and its chemical
formula to the list

# Save the new CIF file names and chemical formulas to a CSV file
with open(csv_file_path, 'w', newline='') as csvfile:

    writer = csv.writer(csvfile)

    for info in structure_info:

        new_formula = info[1].replace("Ag", "Ag").replace("Pd", "Pd").replace("F", "F") # Replace the chemical formula
elements with the "AgPdF" formula

        writer.writerow([info[0], "1"]) # Replace the second column with "1"

```

## The POSCAR file for Ag<sub>2</sub>PdF<sub>6</sub>\_La<sub>2</sub>WO<sub>6</sub>

Ag8 Pd4 F24

1.000000000000000

-5.2378656646866135 -0.0000110436408460 0.0000112985289491

-0.0000287512389392 9.7893631527383835 0.0000370723342309

-0.0000615893699187 0.0000516225476188 -11.2539799866115651

Ag Pd F

8 4 24

Direct

0.0210276948064976 0.3541515448307102 0.9063550707234547

0.9933391141111467 0.3132991069525377 0.3499592522214058

0.5066600741578757 0.6867013833799870 0.8499593642681331

0.4789728563689560 0.6458494874134036 0.4063555472681889

0.5210253123649542 0.1458529303343816 0.0936435220045648

0.4933361838415096 0.1866987474585610 0.6500380069201315

0.0066642049726911 0.8133015115784407 0.1500384188629528

0.9789701348817923 0.8541470569139274 0.5936443437647605

0.9992126486503063 0.9972284128486593 0.8714158578344834

0.5007858850602820 0.0027719048739357 0.3714159466372048

0.4992119759481211 0.5027745458144153 0.1285844743413537

0.0007893215618612 0.4972254971261832 0.6285843492440309

0.7843953602463106 0.6358242163913852 0.5501372282322413

0.8023773683065483 0.5193982025084817 0.7769587957408408

0.7801311362260482 0.8619104141434002 0.7881422430315372

0.7216172344799858 0.8491427845355177 0.3219809915416071

0.7815981975108416 0.3473844894155113 0.5717766816826811

0.8059820184646982 0.9760844330430548 0.0211653699587062

0.6940164678939225 0.0239159308911794 0.5211646702755572

0.7184041375547962 0.6526151910796893 0.0717760631896200

0.7783827912084504 0.1508573320980829 0.8219806307455629

0.7198687833564018 0.1380891308059745 0.2881411205180205  
0.6976221844994970 0.4806018173170884 0.2769587625610739  
0.7156049166796844 0.3641750382577334 0.0501373740480952  
0.2843962078807286 0.8641693962766714 0.4498615040633814  
0.3023779225932055 0.9806018288298423 0.2230411712905732  
0.2801284428174309 0.6380908001376062 0.2118598124393919  
0.2216201208026338 0.6508567312994613 0.6780178951684602  
0.2815922438828725 0.1526106538249576 0.4282272568532445  
0.3059792475047459 0.5239201194023489 0.9788366679620950  
0.1940226226139628 0.4760795443040267 0.4788361392393651  
0.2184061660134485 0.8473901241085930 0.9282276434982150  
0.2783809409278883 0.3491432326975515 0.1780180428718557  
0.2198733426530572 0.3619097637551988 0.7118595070088385  
0.1976226654321954 0.0193982369502859 0.7230412538168789  
0.2156020937248508 0.1358314884007834 0.9498600101711682

## The POSCAR file for Ag<sub>2</sub>PdF<sub>6</sub>\_Na<sub>2</sub>PdF<sub>6</sub>

Ag6 Pd3 F18

1.0000000000000000

-0.0000093409817735 0.0000163519957456 -5.1851794796105093

-4.9012816010619877 -8.4893623608309543 -0.0000187777653804

-4.9013072414303922 8.4893563452364038 0.0000345946164288

Ag Pd F

6 3 18

Direct

0.0000000484423452 0.0000004737649988 0.6299186148559962

0.5000008590292211 0.9999992746823381 0.2960225469528441

0.0000000973574359 0.6299190836888621 0.0000000384184773

0.5000001342375526 0.7039756602249594 0.7039749270154485

0.4999990850130231 0.2960232191240836 0.9999985219627376

0.9999998862188306 0.3700819815281441 0.3700815472896714

0.4967394126148739 0.6666668534651450 0.3333329416476190

0.0000002271203314 0.0000002355390905 0.9999997944022141

0.5032603246464242 0.333334832201587 0.6666662834309918

0.2089371618571508 0.9084489148215861 0.8051598761027017

0.7106693644365433 0.7844848096902032 0.5244788629739664

0.2827135812390831 0.8578081956722574 0.4053253962505495

0.2827137351403659 0.5946751299563047 0.4524815371925456

0.7106690110533503 0.7399947457607012 0.2155158605426117

0.2089365319145318 0.8967107737576818 0.0915497349219737

0.7910619581255034 0.8051604455072501 0.9084485475466645

0.7106694309387177 0.4755211330921991 0.2600043238088179

0.2827131943570971 0.5475174268622652 0.1421919846972611

0.2089385292660143 0.1948400898454049 0.1032896373105251

0.2893304022119643 0.5244794146035138 0.7844839592468892

0.7172858480652770 0.4053260399202430 0.8578073192096571

0.7172863598657634 0.4524822809241996 0.5946746790845523

0.2893309010056604 0.2155160569110230 0.7399938805486215

0.7910637209145364 0.0915510732549665 0.8967112374130715

0.2893308000032184 0.2600045521838115 0.4755205762298952

0.7172871187138802 0.1421921785737919 0.5475168914832352

0.7910632962112771 0.1032901334247859 0.1948397694604632

**The POSCAR file for AgPd<sub>2</sub>F<sub>12</sub>\_CaCr<sub>2</sub>F<sub>12</sub>**

Ag1 Pd2 F12

1.0000000000000000

-1.7720184519496809 -4.3521995859564724 2.2559442904223692

0.0496795107017304 0.0395522959333229 5.5156942684974535

-7.2179952719352558 4.1498485197443280 2.3367316492112189

Ag Pd F

1 2 12

Direct

0.7500000000000000 0.5000000000000000 0.2500000000000000

0.9910378949227806 0.0073842582690488 0.9970564324954280

0.5089621050772123 0.9926157417309514 0.5029435675045720

0.7325410937633768 0.2378166621104323 0.8087927521431592

0.2562322979323836 0.2261890774441783 0.3044455708003296

0.1794120715815921 0.2356408760101130 0.9565284740740453

0.7177481988294325 0.2261231379185604 0.4640819524227793

0.2311158758134728 0.7713109526937756 0.8852883725046681

0.7769993319240129 0.7612093120221207 0.3809852005276472

0.3205879284183654 0.7643591239898441 0.5434715259259547

0.7822518011705675 0.7738768620816667 0.0359180475772705

0.7674589062366232 0.7621833378896031 0.6912072478568408

0.2437677020676163 0.7738109225557012 0.1955544291997061

0.2688841241864702 0.2286890473061393 0.6147116274953319

0.7230006680759871 0.2387906879776655 0.1190147994724169

## The POSCAR file for Ag<sub>2</sub>PdF<sub>6</sub>\_Sm<sub>2</sub>WO<sub>6</sub>

Ag8 Pd4 F24

1.000000000000000  
-5.6813877471091638 -0.0000000233834993 0.0000001485219523  
0.0000000039921818 -8.0150706979097510 -1.0336843939654468  
-0.0000003324699368 -1.6493023765156352 12.7885127800194969

Ag Pd F

8 4 24

Direct

0.2104946464862589 0.0000000327487797 0.7500000206055546  
0.7895053535137838 0.9999999672512203 0.2499999793944454  
0.7500000487127636 0.2500000154653534 0.5964268561407552  
0.2499998936100312 0.2500000422928039 0.0964268557438318  
0.2895052681257173 0.5000000317615516 0.7499999792327046  
0.7104947318741263 0.4999999682384484 0.2500000207672954  
0.7500001063898054 0.7499999577071321 0.9035731442562037  
0.2499999512870730 0.7499999845345826 0.4035731438592376  
0.7499998343785066 0.2499999810651303 0.8703891880577159  
0.2500001068180850 0.2499999824657664 0.3703891875065054  
0.7499998931817871 0.7500000175344113 0.6296108124934947  
0.2500001656213655 0.7500000189350473 0.1296108119422555  
0.8836899692561944 0.0242343203102675 0.8697479185591979  
0.5225774976079561 0.1880233551492224 0.9765943352743155  
0.1163099295080073 0.0242343041962738 0.3697478977789491  
0.5189593302386883 0.1967008045500133 0.7572444998357949  
0.4774222461082602 0.1880233534593173 0.4765943985512018  
0.9810406578803763 0.3032992826620375 0.7572446411872374  
0.4810407482183678 0.1967007988100999 0.2572445467487893

0.0225780630456014 0.3119764951627432 0.4765944915700424  
0.6163096975818774 0.4757656790736066 0.8697479573968456  
0.0189594224509562 0.3032992753964325 0.2572445944786734  
0.6163098012278936 0.5242343377885955 0.6302520230719191  
0.0225783209642443 0.6880235025927944 0.0234054441883039  
0.9774216790358340 0.3119764974069569 0.9765945558116745  
0.3836901987720495 0.4757656622114398 0.3697479769281234  
0.9810405775489228 0.6967007246035252 0.7427554055213054  
0.3836903024180657 0.5242343209264287 0.1302520426031545  
0.9774219369544769 0.6880235048370081 0.5234055084299721  
0.5189592517817248 0.8032992011899424 0.7427554532510757  
0.0189593421195027 0.6967007173379202 0.2427553588127697  
0.5225777538916828 0.8119766465407395 0.5234056014486778  
0.4810406697614042 0.8032991954500289 0.2427555001642264  
0.8836900704919999 0.9757656958037192 0.6302521022211289  
0.4774225023919869 0.8119766448508344 0.0234056647257411  
0.1163100307438128 0.9757656796897255 0.1302520814408520

**The POSCAR file for AgPd<sub>2</sub>F<sub>6</sub>\_Ca<sub>2</sub>H<sub>6</sub>Os**

Ag1 Pd2 F6

1.0000000000000000

1.6125945778894279 4.5611062453211790 2.7930957409145463

1.6125945778894282 4.5611062453211790 -2.7930957409145445

-3.2251891557788555 4.5611062453211790 0.0000000000000010

Ag Pd F

1 2 6

Direct

-0.0000000000000000 0.0000000000000000 0.0000000000000000

0.7500000000000000 0.7500000000000000 0.7500000000000000

0.2500000000000000 0.2500000000000000 0.2500000000000000

0.2563756081384901 0.7436243918615029 0.2563756081384901

0.7436243918615029 0.2563756081384901 0.7436243918615029

0.2563756081384901 0.7436243918615029 0.7436243918615029

0.7436243918615029 0.2563756081384901 0.2563756081384901

0.2563756081384901 0.2563756081384901 0.7436243918615029

0.7436243918615029 0.7436243918615029 0.2563756081384901

## The POSCAR file for Ag<sub>2</sub>PdF<sub>6</sub>\_Ni(FO<sub>3</sub>)<sub>2</sub>

Ag4 Pd2 F12

1.0000000000000000

5.0923456192213159 0.0000023179662980 -0.0000214378373468

0.0000074342592307 -0.0114124609920041 5.6857437843181993

-0.0000047181289273 -9.9210114288343103 -0.0203194566863506

Ag Pd F

4 2 12

Direct

0.4375285608754582 0.2499659682559467 0.0545466256108552

0.9375278046158485 0.7500341010239667 0.9454536659389122

0.9374812188253657 0.2499897398846777 0.3914343924395914

0.4374805471993684 0.7500096425405521 0.6085653716085355

0.4374290861970490 0.7499632457404780 0.2575988114776799

0.9374288033183471 0.2500363679176832 0.7424013339212621

0.2215687814547414 0.6057404233846272 0.1134888972764154

0.7215691381101114 0.3942585929338989 0.8865108825263843

0.2250527828442566 0.6043081768991687 0.4009433365042903

0.7250524274871333 0.3956910654871048 0.5990565660199821

0.6543040873127292 0.4607629838680579 0.2505998999618007

0.1543035166262977 0.5392367733853550 0.7494002327595958

0.1498242125622166 0.1043126134722466 0.5990832083461936

0.6498253772757335 0.8956873514001554 0.4009173999752494

0.2205503044301243 0.0391609485037472 0.2505718333160418

0.7205502497264412 0.9608388680568564 0.7494281068193192

0.1532612827492348 0.1058917570920989 0.8865419821184836

0.6532613083895177 0.8941083901533881 0.1134584683794167

**The POSCAR file for Ag<sub>3</sub>PdF<sub>20</sub>\_BiSb<sub>3</sub>F<sub>20</sub>**

Ag3 Pd1 F20

1.000000000000000  
0.1705107276830486 0.2557273200695028 -6.2019557109424674  
-3.1311273942373550 7.8300336828971018 0.5876883094009085  
8.4320200563841237 0.1200999707853954 0.5876883094009049

Ag Pd F

3 1 20

Direct

-0.000000000000000 0.8001193278967861 0.1998806721032138  
0.7890738194496250 0.2138026549708407 0.2131109325237569  
0.2109261805503680 0.7868890674762434 0.7861973450291594  
-0.000000000000000 0.1991814883120342 0.8008185116879588  
0.7711607645618229 0.4490215867965235 0.2536776953380687  
0.7774021001837106 0.2580176962095074 0.4502287692098691  
0.2225978998162897 0.5497712307901451 0.7419823037904930  
0.2288392354381699 0.7463223046619313 0.5509784132034765  
0.0973676671936414 0.2397678484158340 0.2336466762241600  
0.9026323328063515 0.7663533237758400 0.7602321515841658  
0.8082345787521873 0.3463171198460573 0.7574134358795396  
0.7996445307576918 0.7501565227063650 0.3424292034244084  
0.2003554692423010 0.6575707965755987 0.2498434772936422  
0.1917654212478128 0.2425865641204606 0.6536828801539432  
0.7874480731607164 0.1531960706932752 0.9528519919690829  
0.7869980032876955 0.9531801416047246 0.1516309885044222  
0.2130019967123045 0.8483690114955778 0.0468198583952753  
0.2125519268392840 0.0471480080309240 0.8468039293067180  
0.4820750428415368 0.1780400461804444 0.1827445947991539

0.5179249571584490 0.8172554052008391 0.8219599538195559

0.1414217078159928 0.3728025765239111 0.9840903426629728

0.1380778138668648 0.9882842508597568 0.3800617104806582

0.8619221861331424 0.6199382895193419 0.0117157491402502

0.8585782921840073 0.0159096573370273 0.6271974234760886

**The POSCAR file for AgPd<sub>3</sub>F<sub>20</sub>\_BiSb<sub>3</sub>F<sub>20</sub>**

Ag1 Pd3 F20

1.000000000000000  
0.0143043159684870 0.0214532213764780 -5.3967988433449365  
-3.4658150010203870 8.0463710744150099 0.7027396784254922  
8.7604105192487420 -0.1056817047386916 0.7027396784254634

Ag Pd F

1 3 20

Direct

0.000000000000000 0.1848018296611400 0.8151981703388388  
-0.000000000000000 0.8086350102413929 0.1913649897586071  
0.7867680950385331 0.2472555647535515 0.2411697475827965  
0.2132319049614670 0.7588302524171823 0.7527444352464273  
0.6508993479298635 0.4369820005738691 0.2453834377950451  
0.7489143027711649 0.3063655018601829 0.4655699554636076  
0.2510856972288065 0.5344300445363993 0.6936344981398382  
0.3491006520701507 0.7546165622049833 0.5630179994261522  
0.1092849071736915 0.3632153236518902 0.2941138111858437  
0.8907150928263443 0.7058861888141494 0.6367846763481384  
0.8256009421167467 0.3640243852227412 0.8150809932460388  
0.9250126177761819 0.8459573030664167 0.4052780327735015  
0.0749873822238038 0.5947219672264914 0.1540426969335549  
0.1743990578832607 0.1849190067539539 0.6359756147772445  
0.7991439970765313 0.1619236792129179 0.9936517863043225  
0.9550208815511164 0.0482495511885415 0.2352081606955478  
0.0449791184489048 0.7647918393044377 0.9517504488114441  
0.2008560029234686 0.0063482136956918 0.8380763207870398  
0.4676520881180033 0.1234648875156138 0.1784133549075489

0.5323479118819683 0.8215866450924367 0.8765351124843862

0.2672157577198746 0.3350982425263420 0.9701605631832548

0.3356719072398594 0.8935570700080567 0.2754995163451883

0.6643280927601262 0.7245004836548258 0.1064429299919503

0.7327842422801113 0.0298394368167525 0.6649017574736652

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