

ZEr123

 ** PROGRAM FullProf.2k (Version 5.40 - Mar2014-ILL JRC) **

M U L T I -- P A T T E R N
 Rietveld, Profile Matching & Integrated Intensity
 Refinement of X-ray and/or Neutron Data

Date: 12/12/2017 Time: 10:12:32.673

=> -----> Pattern# 1
 => Phase: 1
 => Bragg R-factor: 6.95
 => RF-factor : 7.17

 Pattern# 1 Phase No: 1 Phase name: ZEr123

No. d-hkl	Code	H	K	L	Mult	Hw	ETA/M	2theta/TOF	Icalc	Iobs	Sigma	StrFactor^2
	CORR											
1 3.904189	1	0	0	3	2	0.092307	0.671500	22.758	55.7	71.6	20.286	4239.0322
2 3.883834	1	0	1	0	2	0.092397	0.670991	22.879	59.9	58.1	1.979	4614.1758
3 3.825033	1	1	0	0	2	0.092665	0.669490	23.235	43.9	40.3	3.435	3492.3032
4 3.686446	1	0	1	1	4	0.093344	0.665758	24.122	2.7	3.1	0.582	116.8103
5 3.636050	1	1	0	1	4	0.093609	0.664329	24.461	9.9	11.4	2.034	439.8874
6 3.236728	1	0	1	2	4	0.096129	0.651388	27.535	7.8	7.6	1.077	442.7753
7 3.202457	1	1	0	2	4	0.096387	0.650123	27.835	10.8	10.8	1.075	628.9707
8 2.928142	1	0	0	4	2	0.098770	0.638890	30.504	0.1	0.0	0.912	10.7896
9 2.753454	1	0	1	3	4	0.100650	0.630525	32.491	360.4	339.4	19.675	29066.5371
10 2.732263	1	1	0	3	4	0.100901	0.629434	32.750	402.1	392.3	9.648	32984.6719

								ZEr123				
11	1	1	1	0	4	0.100986	0.629070	32.836	397.6	398.4	1.987	32799.9414
2.725259		1.000000										
12	1	1	1	1	8	0.101877	0.625268	33.739	0.1	0.2	0.134	6.3210
2.654353		1.000000										
13	1	1	1	2	8	0.104534	0.614363	36.330	4.8	6.3	2.464	245.7672
2.470823		1.000000										
14	1	0	0	5	2	0.106761	0.605667	38.395	35.2	40.3	5.840	8141.5684
2.342513		1.000000										
15	1	0	1	4	4	0.106844	0.605349	38.471	44.4	46.6	2.462	5160.2070
2.338094		1.000000										
16	1	1	0	4	4	0.107092	0.604406	38.694	36.5	39.6	3.388	4296.8784
2.325078		1.000000										
17	1	1	1	3	8	0.108931	0.597537	40.326	147.6	164.3	18.416	9513.1738
2.234680		1.000000										
18	1	0	1	5	4	0.114737	0.577169	45.164	0.7	0.4	0.364	112.8062
2.005900		1.000000										
19	1	1	0	5	4	0.114984	0.576341	45.361	0.7	0.9	0.309	120.1577
1.997663		1.000000										
20	1	1	1	4	8	0.115067	0.576064	45.427	13.4	15.7	3.025	1121.3096
1.994920		1.000000										
21	1	0	0	6	2	0.116410	0.571625	46.481	63.1	80.1	21.474	22259.6914
1.952094		1.000000										
22	1	0	2	0	2	0.116743	0.570539	46.739	121.4	117.0	4.376	43378.0820
1.941917		1.000000										
23	1	0	2	1	4	0.117622	0.567689	47.416	2.6	3.2	0.790	476.5926
1.915764		1.000000										
24	1	2	0	0	2	0.117734	0.567329	47.501	115.0	119.1	4.487	42607.4180
1.912517		1.000000										
25	1	2	0	1	4	0.118615	0.564514	48.170	2.4	1.2	0.716	467.4604
1.887519		1.000000										
26	1	0	2	2	4	0.120269	0.559319	49.404	0.3	0.4	0.537	57.2058
1.843223		1.000000										
27	1	2	0	2	4	0.121266	0.556239	50.136	0.3	1.3	4.562	57.3202
1.818025		1.000000										
28	1	1	1	5	8	0.123011	0.550944	51.393	16.2	17.4	1.825	1784.9751
1.776448		1.000000										
29	1	0	1	6	4	0.124458	0.546639	52.416	13.0	12.8	0.761	3003.8176
1.744174		1.000000										
30	1	1	0	6	4	0.124710	0.545898	52.592	8.1	8.5	0.499	1878.4023
1.738751		1.000000										
31	1	0	2	3	4	0.124712	0.545893	52.593	13.2	13.8	0.795	3066.9917
1.738713		1.000000										
32	1	1	2	0	4	0.125048	0.544906	52.828	11.9	11.0	0.956	2788.9131
1.731547		1.000000										
33	1	2	0	3	4	0.125720	0.542946	53.293	12.7	12.3	0.670	3046.0549
1.717515		1.000000										

								ZEr123				
34	1	2	1	0	4	0.125805	0.542700	53.352	13.7	13.4	0.528	3283.3960
1.715771		1.000000										
35	1	1	2	1	8	0.125943	0.542298	53.447	1.4	1.3	0.075	167.6145
1.712930		1.000000										
36	1	2	1	1	8	0.126702	0.540110	53.967	0.5	0.4	0.294	55.6783
1.697652		1.000000										
37	1	0	0	7	2	0.127962	0.536517	54.820	13.4	16.6	4.058	6834.7959
1.673224		1.000000										
38	1	1	2	2	8	0.128643	0.534595	55.277	3.3	3.5	0.627	422.6345
1.660486		1.000000										
39	1	2	1	2	8	0.129408	0.532456	55.785	2.5	3.7	1.833	334.3214
1.646558		1.000000										
40	1	0	2	4	4	0.131024	0.527997	56.844	0.1	0.1	0.101	32.4240
1.618364		1.000000										
41	1	2	0	4	4	0.132053	0.525198	57.509	0.1	0.1	0.042	33.1040
1.601228		1.000000										
42	1	1	1	6	8	0.132937	0.522817	58.074	113.4	128.1	16.547	16417.7637
1.586973		1.000000										
43	1	1	2	3	8	0.133198	0.522120	58.240	140.1	135.2	4.808	20415.4902
1.582856		1.000000										
44	1	2	1	3	8	0.133975	0.520051	58.731	123.8	121.8	2.443	18373.2422
1.570778		1.000000										
45	1	0	1	7	4	0.136284	0.514007	60.167	8.2	11.1	3.861	2572.4258
1.536683		1.000000										
46	1	1	0	7	4	0.136546	0.513330	60.328	7.7	9.5	2.290	2430.1992
1.532970		1.000000										
47	1	0	2	5	4	0.139357	0.506180	62.026	13.6	13.8	0.921	4539.5566
1.495011		1.000000										
48	1	1	2	4	8	0.139712	0.505292	62.237	15.5	15.9	0.771	2604.8137
1.490449		1.000000										
49	1	2	0	5	4	0.140421	0.503525	62.657	13.1	13.2	0.520	4476.8569
1.481472		1.000000										
50	1	2	1	4	8	0.140511	0.503303	62.710	17.4	16.7	0.895	2974.0806
1.480352		1.000000										
51	1	0	0	8	2	0.141841	0.500027	63.488	0.7	0.5	0.436	466.0373
1.464071		1.000000										
52	1	1	1	7	8	0.145174	0.491999	65.395	22.6	25.4	3.456	4225.0679
1.425915		1.000000										
53	1	1	2	5	8	0.148380	0.484515	67.172	0.5	0.0	0.363	104.4086
1.392434		1.000000										
54	1	2	1	5	8	0.149214	0.482604	67.626	0.5	0.1	0.236	107.5654
1.384190		1.000000										
55	1	0	2	6	4	0.149985	0.480851	68.043	34.7	35.8	1.661	14064.3213
1.376727		1.000000										
56	1	0	1	8	4	0.150697	0.479241	68.425	9.2	13.7	6.635	3775.2800
1.369965		1.000000										

57	1	1	0	8	4	0.150978	0.478610	ZEr123 68.575	10.6	12.2	1.828	4358.8022
1.367332		1.000000										
58	1	2	0	6	4	0.151107	0.478320	68.644	33.6	36.6	3.238	13892.9775
1.366131		1.000000										
59	1	2	2	0	4	0.151485	0.477473	68.845	63.4	70.4	7.695	26345.9062
1.362629		1.000000										
60	1	2	2	1	8	0.152489	0.475240	69.375	1.2	0.5	0.399	262.7053
1.353500		1.000000										

No. d-hkl	Code	H	K	L	Mult	Hw	ETA/M	2theta/TOF	Icalc	Iobs	Sigma	StrFactor^2
		CORR										
61	1	2	2	2	8	0.155533	0.468585	70.956	0.3	1.5	5.733	65.7452
1.327177		1.000000										
62	1	0	0	9	2	0.158753	0.461739	72.582	3.2	3.4	0.807	2977.9036
1.301396		1.000000										
63	1	1	2	6	8	0.159542	0.460091	72.974	7.1	7.1	0.624	1657.4475
1.295376		1.000000										
64	1	0	3	0	2	0.159643	0.459880	73.024	3.0	2.9	0.256	2770.4170
1.294611		1.000000										
65	1	1	1	8	8	0.160294	0.458529	73.345	1.4	1.3	0.111	323.6483
1.289738		1.000000										
66	1	2	1	6	8	0.160430	0.458248	73.411	10.0	9.3	0.855	2350.7815
1.288731		1.000000										
67	1	0	3	1	4	0.160695	0.457701	73.541	0.1	0.1	0.003	27.6869
1.286775		1.000000										
68	1	2	2	3	8	0.160729	0.457631	73.558	10.8	10.6	0.578	2550.6948
1.286523		1.000000										
69	1	3	0	0	2	0.162324	0.454367	74.333	2.5	1.9	0.779	2421.8555
1.275011		1.000000										
70	1	0	2	7	4	0.163383	0.452221	74.843	9.6	9.7	0.832	4660.5132
1.267588		1.000000										
71	1	3	0	1	4	0.163393	0.452202	74.847	0.2	0.2	0.013	75.2431
1.267523		1.000000										
72	1	0	3	2	4	0.163891	0.451199	75.086	0.6	0.6	0.080	287.4044
1.264092		1.000000										
73	1	2	0	7	4	0.164596	0.449788	75.421	9.4	10.0	1.060	4611.3525
1.259304		1.000000										
74	1	3	0	2	4	0.166643	0.445740	76.382	0.7	1.0	0.659	338.7337
1.245826		1.000000										
75	1	2	2	4	8	0.168290	0.442532	77.144	0.2	0.3	0.149	43.8662
1.235411		1.000000										
76	1	0	1	9	4	0.168523	0.442081	77.252	7.5	11.3	5.648	3864.3489
1.233965		1.000000										
77	1	1	0	9	4	0.168835	0.441478	77.395	9.3	11.9	3.376	4773.6226
1.232040		1.000000										

								ZEr123				
78	1	0	3	3	4	0.169363	0.440463	77.636	25.1	26.9	2.004	13001.9316
1.228815		1.000000										
79	1	1	3	0	4	0.169783	0.439659	77.827	28.2	25.7	2.347	14655.3037
1.226278		1.000000										
80	1	1	3	1	8	0.170904	0.437527	78.333	0.1	0.0	0.028	16.8821
1.219612		1.000000										
81	1	3	0	3	4	0.172214	0.435059	78.919	26.0	23.9	2.023	13802.6709
1.212017		1.000000										
82	1	3	1	0	4	0.172321	0.434858	78.967	27.0	25.2	1.792	14362.3770
1.211403		1.000000										
83	1	3	1	1	8	0.173460	0.432734	79.472	0.1	0.1	0.033	16.5716
1.204975		1.000000										
84	1	1	2	7	8	0.173773	0.432155	79.609	6.5	7.0	0.863	1740.0474
1.203238		1.000000										
85	1	1	3	2	8	0.174316	0.431152	79.848	0.6	0.7	0.228	156.6994
1.200247		1.000000										
86	1	2	1	7	8	0.174745	0.430363	80.035	6.7	6.2	0.768	1809.9403
1.197907		1.000000										
87	1	3	1	2	8	0.176932	0.426382	80.981	0.6	0.6	0.318	156.6637
1.186289		1.000000										
88	1	0	3	4	4	0.177365	0.425601	81.166	3.6	4.1	0.860	1996.8364
1.184047		1.000000										
89	1	2	2	5	8	0.178582	0.423423	81.683	11.0	11.9	1.301	3064.9451
1.177849		1.000000										
90	1	1	1	9	8	0.179278	0.422185	81.977	5.4	4.5	0.871	1528.8479
1.174367		1.000000										
91	1	0	0	10	2	0.179909	0.421070	82.242	3.3	3.1	0.262	3726.0071
1.171257		1.000000										
92	1	1	3	3	8	0.180181	0.420591	82.356	15.7	14.6	1.160	4424.2808
1.169926		1.000000										
93	1	0	2	8	4	0.180362	0.420274	82.431	0.4	0.4	0.034	218.6689
1.169047		1.000000										
94	1	3	0	4	4	0.180372	0.420255	82.436	3.0	2.8	0.271	1710.7775
1.168996		1.000000										
95	1	2	0	8	4	0.181718	0.417903	82.995	0.4	0.7	0.567	214.4352
1.162539		1.000000										
96	1	3	1	3	8	0.182904	0.415852	83.482	15.2	15.2	1.114	4359.6875
1.156988		1.000000										
97	1	0	3	5	4	0.188332	0.406693	85.657	0.2	0.0	0.249	123.5226
1.133084		1.000000										
98	1	1	3	4	8	0.188810	0.405905	85.844	1.5	0.0	0.637	455.0890
1.131094		1.000000										
99	1	0	1	10	4	0.191202	0.402002	86.772	10.2	14.4	5.980	6119.4810
1.121374		1.000000										
100	1	1	0	10	4	0.191566	0.401413	86.911	11.1	14.6	4.642	6681.5342
1.119929		1.000000										

101	1	3	0	5	4	0.191580	0.401390	ZEr123 86.917	0.2	0.3	0.081	118.1367
1.119874		1.000000										
102	1	3	1	4	8	0.191703	0.401193	86.964	1.5	1.9	0.530	445.7665
1.119390		1.000000										
103	1	1	2	8	8	0.192057	0.400622	87.099	10.5	12.6	2.447	3173.2319
1.117997		1.000000										
104	1	2	2	6	8	0.192225	0.400353	87.163	32.2	37.4	6.068	9731.7646
1.117340		1.000000										
105	1	2	1	8	8	0.193161	0.398857	87.519	9.1	8.5	0.750	2770.1587
1.113716		1.000000										
106	1	1	3	5	8	0.200739	0.387111	90.309	3.6	3.8	0.993	1123.0121
1.086419		1.000000										
107	1	0	2	9	4	0.202341	0.384710	90.879	3.5	3.4	0.673	2219.6536
1.081081		1.000000										
108	1	0	3	6	4	0.203005	0.383723	91.113	3.1	3.9	1.000	1968.9138
1.078909		1.000000										
109	1	1	1	10	8	0.203880	0.382430	91.421	7.9	7.5	0.589	2475.2405
1.076084		1.000000										
110	1	3	1	5	8	0.203896	0.382407	91.426	3.5	3.4	0.263	1108.4257
1.076035		1.000000										
111	1	2	0	9	4	0.203929	0.382358	91.438	3.5	3.3	0.262	2201.8689
1.075927		1.000000										
112	1	2	3	0	4	0.205141	0.380581	91.860	3.8	3.4	0.615	2401.7332
1.072084		1.000000										
113	1	2	3	1	8	0.206578	0.378493	92.356	0.0	0.1	0.020	14.8205
1.067621		1.000000										
114	1	3	0	6	4	0.206622	0.378429	92.371	2.3	2.9	0.904	1449.9360
1.067486		1.000000										
115	1	3	2	0	4	0.207170	0.377639	92.558	3.4	3.8	0.659	2154.9019
1.065812		1.000000										
116	1	0	0	11	2	0.207511	0.377149	92.675	3.1	2.7	0.504	3925.5232
1.064779		1.000000										
117	1	3	2	1	8	0.208629	0.375550	93.055	0.1	0.1	0.067	40.2445
1.061427		1.000000										
118	1	2	2	7	8	0.210280	0.373213	93.610	10.6	12.4	2.370	3365.7791
1.056586		1.000000										
119	1	2	3	2	8	0.210984	0.372224	93.845	0.8	0.9	0.201	250.2979
1.054559		1.000000										
120	1	3	2	2	8	0.213104	0.369276	94.545	0.9	1.0	0.558	288.2939
1.048588		1.000000										

No. d-hkl	Code	H	K	L	Mult	Hw	ETA/M	2theta/TOF	Icalc	Iobs	Sigma	StrFactor^2
121	1	1	2	9	8	0.216155	0.365110	95.535	10.8	11.0	0.868	3467.3750
1.040327		1.000000										

122	1	1	3	6	8	0.216891	0.364118	ZEr123 95.770	25.0	24.2	1.143	8025.1597
1.038392		1.000000										
123	1	2	1	9	8	0.217473	0.363337	95.956	8.8	7.8	0.913	2826.8022
1.036876		1.000000										
124	1	2	3	3	8	0.218664	0.361749	96.333	29.5	27.3	2.227	9488.7930
1.033815		1.000000										
125	1	3	1	6	8	0.220455	0.359386	96.894	24.4	27.1	3.027	7878.2974
1.029314		1.000000										
126	1	3	2	3	8	0.220910	0.358789	97.036	31.4	34.8	3.829	10129.9609
1.028188		1.000000										
127	1	0	1	11	4	0.221441	0.358097	97.200	0.1	0.2	0.009	93.4704
1.026887		1.000000										
128	1	1	0	11	4	0.221896	0.357505	97.341	0.3	0.3	0.022	182.2874
1.025776		1.000000										
129	1	0	3	7	4	0.222668	0.356505	97.578	2.2	2.2	0.355	1392.9445
1.023913		1.000000										
130	1	3	0	7	4	0.226865	0.351159	98.848	2.0	3.6	2.847	1312.7703
1.014133		1.000000										
131	1	2	3	4	8	0.230219	0.346994	99.837	4.3	4.5	0.980	1401.0081
1.006728		1.000000										
132	1	0	2	10	4	0.231993	0.344829	100.352	4.5	5.9	1.889	2897.3547
1.002950		1.000000										
133	1	3	2	4	8	0.232671	0.344008	100.547	3.8	4.1	0.575	1223.4412
1.001530		1.000000										
134	1	2	0	10	4	0.233978	0.342436	100.920	4.5	3.6	0.885	2876.3467
0.998831		1.000000										
135	1	2	2	8	8	0.234651	0.341632	101.111	0.4	0.4	0.106	132.7738
0.997460		1.000000										
136	1	1	1	11	8	0.237512	0.338252	101.914	6.7	7.7	1.543	2148.9844
0.991768		1.000000										
137	1	1	3	7	8	0.238898	0.336637	102.298	7.3	7.1	0.708	2340.7310
0.989089		1.000000										
138	1	3	1	7	8	0.243116	0.331813	103.444	7.2	9.1	2.586	2302.4941
0.981234		1.000000										
139	1	0	0	12	2	0.246035	0.328550	104.218	0.6	0.1	0.393	703.6469
0.976047		1.000000										
140	1	2	3	5	8	0.246730	0.327782	104.401	0.4	0.0	0.282	142.5059
0.974841		1.000000										
141	1	0	4	0	2	0.249010	0.325287	104.994	10.7	12.2	1.843	13566.5732
0.970959		1.000000										
142	1	1	2	10	8	0.249491	0.324766	105.117	16.0	16.9	1.116	5076.0356
0.970154		1.000000										
143	1	3	2	5	8	0.249512	0.324742	105.123	0.4	0.4	0.029	135.3606
0.970118		1.000000										
144	1	0	3	8	4	0.249684	0.324557	105.167	3.4	3.5	0.187	2155.3865
0.969833		1.000000										

145	1	0	4	1	4	0.251013	0.323124	ZEr123 105.507	0.2	0.2	0.008	104.6333
0.967639		1.000000										
146	1	2	1	10	8	0.251188	0.322937	105.552	14.7	15.0	0.740	4636.9443
0.967353		1.000000										
147	1	3	0	8	4	0.254850	0.319057	106.473	3.8	2.2	1.260	2390.3813
0.961510		1.000000										
148	1	0	4	2	4	0.257211	0.316603	107.056	0.1	0.2	0.066	85.9264
0.957882		1.000000										
149	1	4	0	0	2	0.258290	0.315493	107.320	10.5	12.7	2.871	13102.2725
0.956258		1.000000										
150	1	4	0	1	4	0.260440	0.313304	107.840	0.2	0.3	0.228	99.4718
0.953087		1.000000										
151	1	0	1	12	4	0.265010	0.308746	108.923	0.7	0.7	0.550	426.0349
0.946612		1.000000										
152	1	1	0	12	4	0.265643	0.308124	109.070	0.6	0.9	0.558	393.7887
0.945742		1.000000										
153	1	4	0	2	4	0.267105	0.306699	109.409	0.1	0.3	0.237	86.7826
0.943759		1.000000										
154	1	0	4	3	4	0.268230	0.305610	109.668	3.2	2.5	0.722	1934.4647
0.942256		1.000000										
155	1	2	2	9	8	0.269084	0.304789	109.863	5.7	5.5	0.511	1737.6592
0.941129		1.000000										
156	1	1	4	0	4	0.269098	0.304775	109.866	3.1	3.0	0.282	1921.2588
0.941111		1.000000										
157	1	1	3	8	8	0.269881	0.304025	110.044	1.1	1.0	0.153	341.5940
0.940086		1.000000										
158	1	2	3	6	8	0.270182	0.303738	110.112	5.4	4.7	0.774	1659.3026
0.939695		1.000000										
159	1	1	4	1	8	0.271430	0.302553	110.394	0.1	0.1	0.024	24.6808
0.938088		1.000000										
160	1	3	2	6	8	0.273507	0.300600	110.857	4.2	4.0	0.739	1265.9436
0.935464		1.000000										
161	1	0	2	11	4	0.274980	0.299231	111.183	4.9	4.7	0.598	2962.1765
0.933640		1.000000										
162	1	3	1	8	8	0.275230	0.298999	111.238	1.1	1.1	0.146	342.2001
0.933334		1.000000										
163	1	2	0	11	4	0.277731	0.296703	111.783	4.9	4.8	0.591	2938.5005
0.930315		1.000000										
164	1	1	4	2	8	0.278682	0.295839	111.988	0.8	0.8	0.089	251.5469
0.929189		1.000000										
165	1	4	0	3	4	0.279010	0.295542	112.059	3.2	3.2	0.316	1901.5060
0.928804		1.000000										
166	1	4	1	0	4	0.279246	0.295329	112.109	3.5	3.5	0.353	2074.5046
0.928528		1.000000										
167	1	4	1	1	8	0.281763	0.293073	112.645	0.0	0.0	0.019	9.2543
0.925624		1.000000										

								ZEr123				
168	1	0	4	4	4	0.285360	0.289905	113.398	0.1	0.2	0.297	36.1143
0.921611		1.000000										
169	1	1	1	12	8	0.287882	0.287724	113.916	4.1	4.5	0.936	1188.2100
0.918892		1.000000										
170	1	0	3	9	4	0.288897	0.286855	114.122	3.7	3.6	0.535	2162.1616
0.917818		1.000000										
171	1	4	1	2	8	0.289608	0.286249	114.266	0.7	0.7	0.125	217.2939
0.917072		1.000000										
172	1	1	4	3	8	0.291707	0.284476	114.687	27.0	27.8	1.483	7830.6963
0.914906		1.000000										
173	1	3	0	9	4	0.295863	0.281025	115.507	4.5	3.7	0.971	2570.2920
0.910754		1.000000										
174	1	4	0	4	4	0.297663	0.279557	115.856	0.1	0.1	0.008	35.1755
0.909012		1.000000										
175	1	3	3	0	4	0.298284	0.279054	115.975	14.2	16.1	2.392	8087.2363
0.908419		1.000000										
176	1	1	2	11	8	0.299773	0.277854	116.260	0.4	0.4	0.067	115.1321
0.907012		1.000000										
177	1	3	3	1	8	0.301182	0.276727	116.528	0.0	0.0	0.007	8.0459
0.905699		1.000000										
178	1	2	1	11	8	0.302245	0.275883	116.728	0.3	0.3	0.063	87.3872
0.904722		1.000000										
179	1	4	1	3	8	0.303778	0.274676	117.015	25.1	24.1	1.543	7055.1953
0.903332		1.000000										
180	1	2	3	7	8	0.304497	0.274112	117.149	3.9	4.3	0.510	1095.2303
0.902686		1.000000										

No. d-hkl	Code	H	K	L	Mult	Hw	ETA/M	2theta/TOF	Icalc	Iobs	Sigma	StrFactor^2
		CORR										
181	1	0	0	13	2	0.306441	0.272601	117.508	2.9	3.0	0.201	3251.9478
0.900967		1.000000										
182	1	3	2	7	8	0.308790	0.270797	117.937	3.8	3.4	0.643	1043.2816
0.898933		1.000000										
183	1	3	3	2	8	0.310261	0.269679	118.202	0.6	0.6	0.100	156.1499
0.897684		1.000000										
184	1	0	4	5	4	0.311124	0.269027	118.357	3.3	3.5	0.491	1812.0752
0.896960		1.000000										
185	1	1	4	4	8	0.312313	0.268134	118.569	3.4	3.2	0.520	925.5461
0.895971		1.000000										
186	1	1	3	9	8	0.316625	0.264944	119.327	3.7	4.6	1.417	1015.5753
0.892485		1.000000										

 BRAGG R-Factors and weight fractions for Pattern # 1

ZEr123

=> Phase: 1 ZEr123
=> Bragg R-factor: 6.95 Vol: 173.999(0.000) Fract(%): 100.00(0.00)
=> Rf-factor= 7.13 ATZ: 741.649 Brindley: 1.0000

CPU Time: 2.141 seconds
0.036 minutes

=> Run finished at: Date: 12/12/2017 Time: 10:12:34.881