

***** Mg2NiH2-HT *****

PARAMETERS

A= 6.2300 B= 6.2300 C= 6.2300
 AF= 90.000 BT= 90.000 GM= 90.000
 NUVW= 8 NSY= 1 NL= 1
 SY: 1-CUBIC; 2-TETRA; 3-ORTH; 4-HEX; 5-MONO; 6-TRIC
 LT: 1-F; 2-I; 3-C; 4-B; 5-A; 6-P; 7-R;

K	U	V	W	H1	K1	L1	H2	K2	L2	R2/R1	R3/R1	FAI	D1	D2
1	1	1	1	0	2	-2	-2	0	2	1.000	1.000	120.00	2.203	2.203
2	6	5	3	-1	3	-3	-3	3	1	1.000	1.026	61.73	1.429	1.429
3	6	5	2	-2	4	-4	-4	4	2	1.000	1.054	63.61	1.038	1.038
4	4	2	1	0	2	-4	-2	4	0	1.000	1.095	66.42	1.393	1.393
5	5	3	1	2	-4	2	2	-2	-4	1.000	1.291	80.41	1.272	1.272
6	5	2	1	1	-3	1	1	-1	-3	1.000	1.348	84.78	1.878	1.878
7	1	0	0	0	-2	0	0	0	-2	1.000	1.414	90.00	3.115	3.115
8	1	1	0	-1	1	-1	-1	1	1	1.000	1.155	70.53	3.597	3.597
9	7	6	3	-3	3	1	0	-2	4	1.026	1.357	95.89	1.429	1.393
10	4	3	2	2	0	-4	-2	4	-2	1.095	1.342	79.48	1.393	1.272
11	7	6	5	-3	1	3	2	-4	2	1.124	1.357	100.80	1.429	1.272
12	4	1	1	0	-2	2	1	-3	-1	1.173	1.173	64.76	2.203	1.878
13	3	3	2	2	-2	0	1	1	-3	1.173	1.541	90.00	2.203	1.878
14	8	7	3	3	-3	-1	1	1	-5	1.192	1.376	77.25	1.429	1.199
15	6	4	1	2	-2	-4	-2	4	-4	1.225	1.472	82.18	1.272	1.038
16	6	3	1	1	-1	-3	-1	3	-3	1.314	1.348	69.77	1.878	1.429
17	5	4	3	1	1	-3	-3	3	1	1.314	1.477	101.98	1.878	1.429
18	6	2	1	0	2	-4	-2	4	4	1.342	1.414	107.35	1.393	1.038
19	5	4	2	0	2	-4	-4	4	2	1.342	1.673	90.00	1.393	1.038
20	7	2	1	1	-3	-1	0	2	-4	1.348	1.567	97.75	1.878	1.393
21	7	3	2	1	-3	1	2	-2	-4	1.477	1.567	75.75	1.878	1.272
22	7	4	1	1	-1	-3	-2	4	-2	1.477	1.784	90.00	1.878	1.272
23	6	1	1	0	2	-2	-1	3	3	1.541	1.837	90.00	2.203	1.429
24	4	3	3	0	2	-2	-3	1	3	1.541	1.541	108.93	2.203	1.429
25	8	3	1	-1	3	-1	-1	1	5	1.567	1.809	93.33	1.878	1.199
26	2	2	1	2	-2	0	2	0	-4	1.581	1.581	71.57	2.203	1.393
27	2	1	1	1	-1	-1	0	2	-2	1.633	1.915	90.00	3.597	2.203
28	3	1	0	0	0	-2	-1	3	1	1.658	1.658	107.55	3.115	1.878
29	3	1	1	0	-2	2	2	-4	-2	1.732	1.732	73.22	2.203	1.272
30	7	5	4	1	1	-3	-3	5	-1	1.784	1.809	75.24	1.878	1.053
31	8	5	1	1	-1	-3	-3	5	-1	1.784	1.809	104.76	1.878	1.053
32	5	5	2	2	-2	0	1	1	-5	1.837	2.092	90.00	2.203	1.199
33	8	1	1	0	2	-2	-1	3	5	2.092	2.092	103.83	2.203	1.053
34	5	5	4	-2	2	0	-3	-1	5	2.092	2.092	76.17	2.203	1.053
35	3	2	2	0	2	-2	-4	2	4	2.121	2.121	103.63	2.203	1.038
36	2	1	0	0	0	-2	-2	4	0	2.236	2.449	90.00	3.115	1.393
37	3	2	1	1	-1	-1	-1	3	-3	2.517	2.582	97.61	3.597	1.429
38	5	1	0	0	0	-2	-1	5	1	2.598	2.598	101.10	3.115	1.199
39	5	3	0	0	0	-2	-3	5	1	2.958	2.958	99.73	3.115	1.053
40	4	3	1	1	-1	-1	-1	3	-5	3.416	3.464	84.40	3.597	1.053

for yingdauw 1stNov 2006