

Temp (K)	Fe_Pure_Bcc										Fe_Pure_Fcc										Fe_Pure_Liq																												
	Tc	Beta	p	D	B1Din	T	f(T)	Gmo	G.total Bcc	2001Chen	Tc	Beta	p	D	B1Din	T	f(T)	Gmo	2001Chen	309	Tn	Beta	p	D	B1Din	T	f(T)	Gmo	2001Chen	309	Tc	Beta	p	D	B1Din	Unary5.0	D	2001Chen	245										
10	9661.0	0.01	-93.42	-9083.3	577.7	-4556.8	3853.8	8830.1	0.01	-90.82	-8830.1	8255.0	1238.5	3853.8	2050.0	0.0	0.1	-4.6477	-205.051	21635.6	21635.6	11084.3	3055.6	1309.5	0.0	0.1	-4.64711	-383.777	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
100	3539.9	0.10	-8.44	-8208.4	-4668.5	-4705.2	3737.6	7955.0	0.10	-8.18	-7955.1	2382.5	901.9	3737.6	-192.0	0.0	1.5	-0.0016	-0.698	14924.2	14924.2	10821.7	2830.5	566.3	0.0	0.5	0.413495	341.481	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
200	1345.7	0.19	-3.72	-7238.1	-5892.4	-5885.1	2656.9	6982.7	0.19	-3.59	-6984.8	346.7	-713.0	2656.9	-633.2	-9.8	3.0	-1.2E-05	-0.011	12074.2	12074.2	8968.0	1320.5	-259.6	0.0	1.0	0.53327	880.7917	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
298.2	-1841.4	0.29	-2.17	-6292.1	-8133.5	-8112.9	595.7	6028.4	0.29	-2.08	-6038.8	-2731.2	-3420.2	595.7	-1066.3	-86.3	4.5	-7.6E-07	-0.001	8243.4	8243.4	4601.7	-1252.1	-1070.1	0.0	1.5	-0.0016	-3.92877	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
400	-5988.7	0.38	-1.37	-5325.0	-11313.7	-11290.9	-2328.5	5038.1	0.38	-1.30	-5071.7	-6792.0	-7191.5	-2328.5	-1515.6	-285.2	6.0	-9.7E-08	0.000	3428.1	3428.1	140.0	-4735.5	-1911.2	0.0	2.0	-0.0002	-0.67368	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
600	-16012.4	0.58	-0.60	-3517.1	-19529.5	-19515.3	-9766.3	3093.6	0.58	-0.56	-3263.6	-16689.1	-16783.5	-9766.3	-2398.0	-996.9	9.0	-5.7E-09	0.000	-7907.4	-7907.4	-10476.4	-13300.9	-3562.9	-5.4	3.0	-1.2E-05	-0.05914	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
800	-27962.2	0.77	-0.25	-1944.4	-29906.6	-29894.4	-18858.5	1149.0	0.77	-0.22	-1690.7	-28539.2	-28533.3	-18858.5	-3280.4	-1984.7	11.9	-7.5E-10	0.000	-21169.5	-21169.5	-22973.7	-23535.7	-5214.6	-63.9	4.0	-1.6E-06	-0.01053	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
1000	-41450.4	0.96	-0.08	-822.1	-42272.5	-42242.8	-29194.9	-795.6	0.96	-0.06	-569.8	-41934.7	-41911.2	-29194.9	-4162.8	-3123.9	14.9	-1.6E-10	0.000	-35972.4	-35972.4	-37050.3	-35020.6	-6866.3	-293.5	5.0	-3.3E-07	-0.00276	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
1100	-44527.2	1.00	-0.07	-675.8	-45203.0	-45169.2	-31553.9	-1213.6	1.00	-0.04	-426.8	-44991.2	-44968.0	-31553.9	-4352.5	-3381.7	15.6	-1.2E-10	0.000	-39332.4	-39332.4	-40270.6	-37627.1	-7221.4	-378.9	5.2	-2.5E-07	-0.00214	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
1183	-48695.4	1.05	-0.05	-537.0	-49232.4	-49201.9	-34748.4	-1767.8	1.05	-0.03	-302.6	-49132.1	-49110.2	-34748.4	-4604.0	-3728.7	16.4	-8.1E-11	0.000	-43876.7	-43876.7	-44642.2	-41149.7	-7692.1	-516.2	5.5	-1.7E-07	-0.00156	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
1200	-54941.0	1.13	-0.03	-397.0	-55337.9	-55318.4	-39530.0	-2574.8	1.13	-0.02	-193.3	-55336.4	-55316.8	-39530.0	-4970.1	-4243.2	17.7	-4.9E-11	0.000	-50671.3	-50671.3	-51214.5	-46409.4	-8377.6	-769.5	5.9	-1E-07	-0.00101	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
1200	-56245.1	1.15	-0.03	-374.5	-56619.6	-56602.0	-40527.5	-2740.1	1.15	-0.02	-177.3	-56631.8	-56612.7	-40527.5	-5045.2	-4349.9	17.9	-4.4E-11	0.000	-52088.2	-52088.2	-52590.4	-47504.9	-8518.0	-829.6	6.0	-9.3E-08	-0.00092	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
1300	-64082.3	1.25	-0.02	-270.6	-64352.9	-64342.8	-46513.5	-3712.4	1.25	-0.01	-109.3	-64415.8	-64398.5	-46513.5	-5486.3	-4984.1	19.4	-2.5E-11	0.000	-60591.2	-60591.2	-60885.0	-54067.5	-9343.8	-1242.5	6.5	-5.3E-08	-0.00057	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
1400	-72192.4	1.34	-0.01	-200.8	-72393.2	-72382.8	-52690.7	-4684.7	1.34	-0.01	-70.0	-72468.8	-72451.2	-52690.7	-5927.5	-5628.7	20.9	-1.5E-11	0.000	-69372.8	-69372.8	-69514.4	-60821.6	-10169.6	-1759.3	7.0	-3.2E-08	-0.00037	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
1500	-80562.9	1.44	-0.01	-152.3	-80715.2	-80699.0	-59045.5	-5657.0	1.44	0.00	-46.3	-80777.6	-80757.4	-59045.5	-6368.7	-6281.9	22.4	-9.3E-12	0.000	-78423.2	-78423.2	-78465.6	-67753.5	-10995.5	-2380.5	7.5	-2E-08	-0.00024	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
1600	-89183.1	1.53	-0.01	-117.6	-89300.7	-89277.1	-65566.1	-6629.2	1.53	0.00	-31.4	-89331.0	-89306.6	-65566.1	-6809.9	-6941.9	23.9	-5.9E-12	0.000	-87735.1	-87735.1	-87724.1	-74851.5	-11821.3	-3103.6	8.0	-1.2E-08	-0.00016	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
1663	-94737.7	1.59	-0.01	-100.7	-94838.5	-94811.6	-69754.6	-7241.8	1.59	0.00	-24.9	-94840.7	-94813.6	-69754.6	-7087.9	-7360.8	24.8	-4.5E-12	0.000	-93733.5	-93733.5	-93708.0	-79403.8	-12341.6	-3609.3	8.3	-9.5E-09	-0.00013	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
1700	-98043.6	1.63	-0.01	-92.2	-98135.8	-98108.1	-72242.3	-7601.5	1.63	0.00	-21.8	-98119.0	-98090.5	-72242.3	-7251.1	-7607.8	25.4	-3.9E-12	0.000	-97303.6	-97303.6	-97274.8	-82105.2	-12647.2	-3923.7	8.5	-8.1E-09	-0.00011	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
1811	-108150.1	1.74	0.00	-71.6	-108221.7	-108199.7	-79823.9	-8680.8	1.74	0.00	-14.9	-108138.1	-108107.4	-79823.9	-7740.8	-8352.6	27.0	-2.5E-12	0.000	-108222.1	-108222.1	-108199.8	-90328.0	-13563.8	-4940.2	9.1	-5.2E-09	-7.8E-05	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245
2273	-153087.5	2.18	0.00	-28.9	-153116.4	-153430.8	-113095.3	-13172.7	2.18	0.00	-3.8	-152621.2	-152708.0	-113095.3	-9779.1	-11498.0	33.9	-5.0E-13	0.000	-157106.7	-157106.7	-156904.0	-126269.9	-17379.2	-10164.5	11.4	-1.1E-09	-2E-05	1043	2.22	0.4	1.558	1.801063	2001Chen	309	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245	200	1.7	0.25	1.8242104	2001Chen	245

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