180.00 ATMOSPHERE ISOBAR

	TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
*	88.257	35.9774	3349.3	2842.3	53.07
	89	35.8797	3381.3	2873.0	53.43
	90	35.7475	3424.5	2914.3	53.91
	91	35.6146	3467.9	2955.8	54.39
	92	35.4809	3511.5	2997.4	54.87
	93	35.3465	3555.2	3039.2	55.34
	94	35.2115	3599.0	3081.0	55.81
	95	35.0758	3642.9	3122.9	56.28
	96	34.9396	3686.9	3164.9	56.74
	97	34.8028	3731.0	3206.9	57.19
	98	34.6654	3775.2	3249.0	57.65
	99	34.5276	3819.4	3291.1	58.10
	100	34.3892	3863.6	3333.3	58.54
	101	34.2503	3907.9	3375.4	58.98
	102	34.1109	3952.3	3417.6	59.42
	103	33.9711	3996.6	3459.7	59.85
	104	33.8307	4040.9	3501.8	60.28
	105	33.6899	4085.2	3543.8	60.70
	106	33.5486	4129.5	3585.9	61.12
	107	33.4068	4173.8	3627.8	61.54
	108	33.2645	4218.0	3669.7	61.95
	109	33.1217	4262.2	3711.5	62.36
	110	32.9785	4306.3	3753.3	62.76
	111	32.8347	4350.4	3794.9	63.16
	112	32.6904	4394.4	3836.5	63.55
	113	32.5456	4438.4	3878.0	63.94
	114	32.4003	4482.3	3919.4	64.33
	115	32.2544	4526.1	3960.7	64.71
	116	32.1080	4569.9	4001.8	65.09
	117	31.9610	4613.6	4042.9	65.47
	118	31.8134	4657.2	4083.9	65.84
	119	31.6652	4700.8	4124.8	66.21
	120	31.5164	4744.3	4165.6	66.57
	121	31.3669	4787.8	4206.4	66.93
	122	31.2168	4831.3	4247.0	67.29
	123	31.0660	4874.7	4287.6	67.64
	124	30.9145	4918.1	4328.1	68.00
	125	30.7623	4961.5	4368.6	68.34
	126	30.6094	5005.0	4409.1	68.69
	127	30.4557	5048.5	4449.6	69.03
	128	30.3013	5092.0	4490.1	69.38
	129	30.1460	5135.6	4530.6	69.72
	130	29.9899	5179.4	4571.2	70.05
	131	29.8329	5223.3	4611.9	70.39
	132	29.6751	5267.4	4652.7	70.72
	133	29.5164	5311.7	4693.7	71.06
	134	29.3567	5356.2	4734.9	71.39
	135	29.1961	5401.1	4776.3	71.73
	136	29.0345	5445.8	4817.6	72.06
	137	28.8719	5490.6	4858.9	72.38
	138	28.7083	5535.4	4900.1	72.71
	139	28.5436	5580.3	4941.3	73.04
	140	28.3778	5625.2	4982.5	73.36
	141	28.2108	5670.1	5023.6	73.68
	142	28.0427	5715.0	5064.6	74.00
	143	27.8735	5760.1	5105.7	74.31
	144	27.7030	5805.3	5147.0	74.63
	145	27.5313	5850.8	5188.3	74.94
	146	27.3582	5896.6	5229.9	75.26
	147	27.1839	5942.6	5271.7	75.58
	148	27.0083	5988.9	5313.6	75.89
	149	26.8313	6035.5	5355.7	76.21
	150	26.6528	6082.3	5398.0	76.52
	151	26.4730	6129.7	5440.7	76.84
	152	26.2917	6177.8	5484.1	77.16
	153	26.1089	6226.2	5527.7	77.48
	154	25.9246	6275.0	5571.4	77.79
	155	25.7388	6324.0	5615.3	78.11
	156	25.5514	6373.3	5659.4	78.43
	157	25.3625	6422.8	5703.7	78.75
	158	25.1719	6472.7	5748.2	79.06
	159	24.9797	6523.0	5792.8	79.38
	160	24.7860	6573.5	5837.6	79.70

* PHASE CHANGE

180.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K	TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
161	24.5905	6624.3	5882.6	80.01	231	11.9011	10319.2	8786.7	99.17
162	24.3935	6675.5	5927.8	80.33	232	11.7982	10362.1	8816.2	99.35
163	24.1948	6727.0	5973.1	80.65	233	11.6974	10404.7	8845.4	99.54
164	23.9944	6778.8	6018.7	80.96	234	11.5985	10446.8	8874.3	99.72
165	23.7925	6830.9	6064.4	81.28	235	11.5016	10488.7	8902.9	99.89
166	23.5889	6883.4	6110.2	81.60	236	11.4065	10530.2	8931.2	100.07
167	23.3837	6936.2	6156.3	81.91	237	11.3133	10571.4	8959.3	100.25
168	23.1770	6989.4	6202.5	82.23	238	11.2218	10612.3	8987.0	100.42
169	22.9687	7042.9	6248.8	82.55	239	11.1321	10652.9	9014.5	100.59
170	22.7590	7096.7	6295.3	82.87	240	11.0441	10693.1	9041.7	100.76
171	22.5478	7150.8	6341.9	83.18	241	10.9577	10733.1	9068.6	100.92
172	22.3353	7205.3	6388.7	83.50	242	10.8729	10772.8	9095.3	101.09
173	22.1215	7260.1	6435.6	83.82	243	10.7896	10812.1	9121.7	101.25
174	21.9065	7315.1	6482.5	84.14	244	10.7079	10851.2	9147.9	101.41
175	21.6904	7370.5	6529.6	84.45	245	10.6277	10890.0	9173.9	101.57
176	21.4733	7426.2	6576.8	84.77	246	10.5489	10928.6	9199.6	101.72
177	21.2553	7482.1	6624.0	85.09	247	10.4715	10966.9	9225.1	101.88
178	21.0366	7538.3	6671.3	85.40	248	10.3954	11004.9	9250.4	102.03
179	20.8173	7594.7	6718.6	85.72	249	10.3207	11042.7	9275.5	102.19
180	20.5975	7651.4	6765.9	86.04	250	10.2473	11080.2	9300.3	102.34
181	20.3774	7708.2	6813.2	86.35	251	10.1751	11117.5	9325.0	102.48
182	20.1571	7765.2	6860.4	86.67	252	10.1042	11154.5	9349.4	102.63
183	19.9370	7822.4	6907.6	86.98	253	10.0345	11191.3	9373.7	102.78
184	19.7170	7879.7	6954.7	87.29	254	9.96598	11227.9	9397.8	102.92
185	19.4975	7937.2	7001.7	87.60	255	9.89856	11264.2	9421.6	103.06
186	19.2785	7994.7	7048.6	87.91	256	9.83225	11300.4	9445.4	103.21
187	19.0604	8052.2	7095.3	88.22	257	9.76702	11336.3	9468.9	103.35
188	18.8433	8109.8	7141.9	88.53	258	9.70284	11372.0	9492.2	103.48
189	18.6273	8167.4	7188.2	88.83	259	9.63970	11407.5	9515.4	103.62
190	18.4127	8224.9	7234.3	89.14	260	9.57755	11442.8	9538.4	103.76
191	18.1997	8282.3	7280.2	89.44	261	9.51639	11477.9	9561.3	103.89
192	17.9884	8339.7	7325.8	89.74	262	9.45618	11512.8	9584.0	104.03
193	17.7791	8396.9	7371.1	90.04	263	9.39690	11547.5	9606.5	104.16
194	17.5718	8454.0	7416.1	90.33	264	9.33853	11582.0	9628.9	104.29
195	17.3668	8510.9	7460.7	90.62	265	9.28105	11616.3	9651.1	104.42
196	17.1641	8567.6	7505.0	90.91	266	9.22444	11650.5	9673.2	104.55
197	16.9639	8624.1	7548.9	91.20	267	9.16867	11684.5	9695.2	104.68
198	16.7664	8680.3	7592.4	91.48	268	9.11373	11718.3	9717.0	104.80
199	16.5716	8736.2	7635.6	91.77	269	9.05959	11751.9	9738.7	104.93
200	16.3796	8791.8	7678.3	92.05	270	9.00625	11785.4	9760.2	105.05
201	16.1905	8847.1	7720.6	92.32	271	8.95367	11818.7	9781.7	105.17
202	16.0044	8902.1	7762.4	92.59	272	8.90185	11851.8	9802.9	105.30
203	15.8214	8956.7	7803.9	92.86	273	8.85076	11884.8	9824.1	105.42
204	15.6414	9010.9	7844.8	93.13	274	8.80039	11917.7	9845.2	105.54
205	15.4645	9064.8	7885.4	93.39	275	8.75072	11950.4	9866.1	105.66
206	15.2908	9118.2	7925.4	93.65	276	8.70175	11982.9	9886.9	105.78
207	15.1202	9171.3	7965.0	93.91	277	8.65344	12015.3	9907.6	105.89
208	14.9528	9224.0	8004.2	94.16	278	8.60579	12047.6	9928.2	106.01
209	14.7885	9276.2	8042.9	94.41	279	8.55879	12079.7	9948.6	106.12
210	14.6273	9328.0	8081.1	94.66	280	8.51241	12111.6	9969.0	106.24
211	14.4693	9379.4	8118.9	94.91	281	8.46665	12143.5	9989.3	106.35
212	14.3144	9430.4	8156.2	95.15	282	8.42149	12175.2	10009.4	106.46
213	14.1626	9481.0	8193.1	95.39	283	8.37692	12206.8	10029.5	106.58
214	14.0138	9531.1	8229.6	95.62	284	8.33293	12238.2	10049.5	106.69
215	13.8680	9580.7	8265.6	95.85	285	8.28951	12269.6	10069.3	106.80
216	13.7251	9630.0	8301.1	96.08	286	8.24664	12300.8	10089.1	106.91
217	13.5852	9678.8	8336.2	96.31	287	8.20431	12331.9	10108.8	107.02
218	13.4481	9727.2	8370.9	96.53	288	8.16251	12362.8	10128.3	107.12
219	13.3138	9775.2	8405.2	96.75	289	8.12123	12393.7	10147.8	107.23
220	13.1822	9822.7	8439.1	96.96	290	8.08047	12424.4	10167.2	107.34
221	13.0534	9869.8	8472.6	97.18	291	8.04020	12455.0	10186.6	107.44
222	12.9272	9916.5	8505.7	97.39	292	8.00042	12485.5	10205.8	107.55
223	12.8036	9962.8	8538.3	97.60	293	7.96112	12515.9	10224.9	107.65
224	12.6826	10008.8	8570.6	97.80	294	7.92229	12546.2	10244.0	107.75
225	12.5640	10054.3	8602.6	98.00	295	7.88393	12576.4	10263.0	107.86
226	12.4478	10099.4	8634.1	98.20	296	7.84601	12606.5	10281.9	107.96
227	12.3339	10144.1	8665.3	98.40	297	7.80855	12636.5	10300.7	108.06
228	12.2224	10188.4	8696.2	98.60	298	7.77151	12666.4	10319.5	108.16
229	12.1131	10232.4	8726.7	98.79	299	7.73490	12696.2	10338.2	108.26
230	12.0061	10276.0	8756.9	98.98	300	7.69872	12725.9	10356.8	108.36