700.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
* 100.477	37.1372	4872.8	2962.9	53.95
101	37.0843	4894.2	2981.5	54.17
102	36.9832	4935.0	3017.1	54.57
103	36.8823	4975.8	3052.7	54.97
104	36.7815	5016.6	3088.2	55.36
105	36.6810	5057.3	3123.6	55.75
106	36.5806	5098.0	3159.0	56.14
107	36.4804	5138.5	3194.2	56.52
108	36.3804	5179.0	3229.4	56.89
109	36.2807	5219.4	3264.4	57.27
110	36.1811	5259.7	3299.3	57.63
111	36.0817	5299.8	3334.0	58.00
112	35.9826	5339.8	3368.6	58.36
113	35.8837	5379.7	3403.0	58.71
114	35.7850	5419.4	3437.3	59.06
115	35.6866	5459.0	3471.4	59.40
116	35.5883	5498.4	3505.3	59.75
117	35.4903	5537.6	3539.1	60.08
118	35.3925	5576.7	3572.6	60.42
119	35.2949	5615.6	3606.0	60.74
120	35.1976	5654.3	3639.2	61.07
121	35.1005	5692.9	3672.2	61.39
122	35.0036	5731.4	3705.0	61.70
123	34.9069	5769.6	3737.7	62.02
124	34.8105	5807.8	3770.2	62.33
125	34.7142	5845.8	3802.5	62.63
126	34.6182	5883.7	3834.8	62.93
127	34.5224	5921.4	3866.9	63.23
128	34.4268	5959.1	3898.8	63.53
129	34.3315	5996.8	3930.8	63.82
130	34.2363	6034.4	3962.6	64.11
131	34.1413	6071.9	3994.4	64.40
132	34.0466	6109.5	4026.2	64.68
133	33.9521	6147.1	4058.0	64.97
134	33.8577	6184.9	4089.9	65.25
135	33.7636	6222.7	4121.9	65.53
136	33.6696	6260.2	4153.6	65.81
137	33.5759	6297.6	4185.0	66.08
138	33.4824	6334.8	4216.4	66.35
139	33.3890	6371.9	4247.5	66.62
140	33.2959	6408.7	4278.4	66.89
141	33.2029	6445.3	4309.1	67.15
142	33.1101	6481.8	4339.6	67.41
143	33.0175	6518.2	4369.9	67.66
144	32.9251	6554.5	4400.2	67.92
145	32.8329	6590.8	4430.5	68.17
146	32.7408	6627.1	4460.7	68.42
147	32.6489	6663.4	4491.0	68.67
148	32.5572	6699.8	4521.2	68.92
149	32.4657	6736.1	4551.4	69.16
150	32.3744	6772.5	4581.6	69.41
151	32.2832	6809.1	4612.0	69.66
152	32.1922	6846.2	4642.9	69.90
153	32.1014	6883.3	4673.7	70.14
154	32.0107	6920.3	4704.5	70.39
155	31.9203	6957.4	4735.3	70.62
156	31.8299	6994.4	4766.0	70.86
157	31.7398	7031.4	4796.7	71.10
158	31.6498	7068.4	4827.4	71.33
159	31.5600	7105.4	4858.0	71.57
160	31.4703	7142.4	4888.5	71.80

* PHASE CHANGE

700.00 ATMOSPHERE ISOBAR

TEMP. K	DENSITY MOL/LITER	ENTHALPY J/MOL	INTERNAL ENERGY J/MOL	ENTROPY J/MOL-K
161	31.3808	7179.3	4919.0	72.03
162	31.2915	7216.2	4949.5	72.26
163	31.2023	7253.1	4979.9	72.49
164	31.1133	7290.0	5010.3	72.71
165	31.0245	7326.9	5040.6	72.93
166	30.9358	7363.7	5070.9	73.16
167	30.8473	7400.5	5101.1	73.38
168	30.7589	7437.3	5131.3	73.60
169	30.6707	7474.1	5161.4	73.82
170	30.5826	7510.8	5191.5	74.03
171	30.4947	7547.5	5221.6	74.25
172	30.4070	7584.2	5251.5	74.46
173	30.3194	7620.9	5281.5	74.67
174	30.2320	7657.5	5311.3	74.89
175	30.1448	7694.1	5341.2	75.10
176	30.0577	7730.7	5370.9	75.30
177	29.9707	7767.3	5400.7	75.51
178	29.8840	7803.8	5430.3	75.72
179	29.7974	7840.3	5459.9	75.92
180	29.7109	7876.8	5489.5	76.13
181	29.6246	7913.3	5519.0	76.33
182	29.5385	7949.7	5548.5	76.53
183	29.4525	7986.1	5577.9	76.73
184	29.3667	8022.5	5607.2	76.93
185	29.2811	8058.8	5636.5	77.12
186	29.1956	8095.2	5665.7	77.32
187	29.1103	8131.5	5694.9	77.51
188	29.0252	8167.7	5724.0	77.71
189	28.9402	8204.0	5753.1	77.90
190	28.8554	8240.2	5782.1	78.09
191	28.7708	8276.4	5811.1	78.28
192	28.6863	8312.5	5839.9	78.47
193	28.6020	8348.7	5868.8	78.66
194	28.5179	8384.8	5897.6	78.84
195	28.4340	8420.8	5926.3	79.03
196	28.3502	8456.9	5955.0	79.21
197	28.2666	8492.9	5983.6	79.40
198	28.1832	8528.9	6012.1	79.58
199	28.1000	8564.8	6040.6	79.76
200	28.0169	8600.7	6069.1	79.94
201	27.9340	8636.6	6097.5	80.12
202	27.8513	8672.5	6125.8	80.30
203	27.7688	8708.3	6154.0	80.47
204	27.6865	8744.1	6182.3	80.65
205	27.6044	8779.9	6210.4	80.82
206	27.5224	8815.6	6238.5	81.00
207	27.4406	8851.4	6266.5	81.17
208	27.3591	8887.0	6294.5	81.34
209	27.2777	8922.7	6322.4	81.51
210	27.1965	8958.3	6350.3	81.68
211	27.1155	8993.9	6378.1	81.85
212	27.0347	9029.4	6405.8	82.02
213	26.9542	9065.0	6433.5	82.19
214	26.8738	9100.5	6461.1	82.35
215	26.7936	9135.9	6488.7	82.52
216	26.7136	9171.3	6516.2	82.68
217	26.6338	9206.7	6543.6	82.85
218	26.5542	9242.1	6571.0	83.01
219	26.4749	9277.4	6598.3	83.17
220	26.3957	9312.7	6625.6	83.33
221	26.3168	9348.0	6652.8	83.49
222	26.2380	9383.2	6679.9	83.65
223	26.1595	9418.4	6707.0	83.81
224	26.0812	9453.5	6734.0	83.97
225	26.0032	9488.7	6761.0	84.12
226	25.9253	9523.8	6787.9	84.28
227	25.8477	9558.8	6814.7	84.43
228	25.7702	9593.8	6841.5	84.59
229	25.6930	9628.8	6868.2	84.74
230	25.6161	9663.8	6894.8	84.89
231	25.5393	9698.7	6921.4	85.04
232	25.4628	9733.6	6948.0	85.20
233	25.3865	9768.4	6974.4	85.35
234	25.3105	9803.2	7000.9	85.49
235	25.2347	9838.0	7027.2	85.64
236	25.1591	9872.7	7053.5	85.79
237	25.0838	9907.4	7079.7	85.94
238	25.0086	9942.1	7105.9	86.08
239	24.9338	9976.7	7132.0	86.23
240	24.8592	10011.3	7158.1	86.37
241	24.7848	10045.9	7184.0	86.52
242	24.7106	10080.4	7210.0	86.66
243	24.6367	10114.8	7235.8	86.80
244	24.5631	10149.3	7261.6	86.94
245	24.4897	10183.7	7287.4	87.08
246	24.4165	10218.0	7313.1	87.22
247	24.3436	10252.4	7338.7	87.36
248	24.2709	10286.6	7364.2	87.50
249	24.1985	10320.9	7389.7	87.64
250	24.1264	10355.1	7415.2	87.78
251	24.0545	10389.2	7440.6	87.91
252	23.9828	10423.4	7465.9	88.05
253	23.9114	10457.5	7491.1	88.18
254	23.8403	10491.5	7516.3	88.32
255	23.7694	10525.5	7541.5	88.45
256	23.6988	10559.5	7566.5	88.58
257	23.6285	10593.4	7591.5	88.72
258	23.5584	10627.3	7616.5	88.85
259	23.4886	10661.1	7641.4	88.98
260	23.4190	10694.9	7666.2	89.11
261	23.3497	10728.7	7691.0	89.24
262	23.2806	10762.4	7715.7	89.37
263	23.2119	10796.1	7740.3	89.50
264	23.1433	10829.7	7764.9	89.62
265	23.0751	10863.3	7789.5	89.75
266	23.0071	10896.9	7813.9	89.88
267	22.9394	10930.4	7838.3	90.00
268	22.8720	10963.8	7862.7	90.13
269	22.8048	10997.3	7887.0	90.25
270	22.7379	11030.6	7911.2	90.38
271	22.6712	11064.0	7935.4	90.50
272	22.6049	11097.3	7959.5	90.62
273	22.5388	11130.5	7983.5	90.74
274	22.4729	11163.8	8007.5	90.87
275	22.4074	11196.9	8031.5	90.99
276	22.3421	11230.0	8055.4	91.11
277	22.2771	11263.1	8079.2	91.23
278	22.2123	11296.2	8102.9	91.35
279	22.1479	11329.2	8126.6	91.46
280	22.0837	11362.1	8150.3	91.58
281	22.0197	11395.0	8173.9	91.70
282	21.9561	11427.9	8197.4	91.82
283	21.8927	11460.7	8220.8	91.93
284	21.8296	11493.5	8244.3	92.05
285	21.7667	11526.2	8267.6	92.16
286	21.7041	11558.9	8290.9	92.28
287	21.6418	11591.6	8314.1	92.39
288	21.5798	11624.2	8337.3	92.50
289	21.5181	11656.7	8360.4	92.62
290	21.4566	11689.2	8383.5	92.73
291	21.3954	11721.7	8406.5	92.84
292	21.3344	11754.1	8429.5	92.95
293	21.2737	11786.5	8452.4	93.06
294	21.2133	11818.8	8475.2	93.17
295	21.1532	11851.1	8498.0	93.28
296	21.0933	11883.4	8520.7	93.39
297	21.0337	11915.6	8543.4	93.50
298	20.9744	11947.7	8566.0	93.61
299	20.9154	11979.9	8588.6	93.72
300	20.8566	12011.9	8611.1	93.82