

Table II
CALCULATED TEMPERATURE ALONG THE
25°C AND 296°C ISENTROPES

Volume (cm ³ /g)	25°C Isentrope (°C)	296°C Isentrope (°C)
1.35		296.0
1.29		300.4
1.25		304.0
1.19		310.8
1.15		316.4
1.09		328.5
1.05		339.7
1.0369	25.0	
1.01	29.4	353.9
0.969	38.0	371.6
0.909	50.8	398.3
0.849	64.3	426.1
0.809	73.6	445.4
0.749	88.0	475.4
0.709	98.1	496.2
0.649	113.7	528.5
0.609	124.5	551.0
0.549	141.3	585.9
0.509	153.1	610.1

Table III
CALCULATED TEMPERATURES ON THE 25°C HUGONIOT ABOVE 58 KILOBAR

Pressure (kbar)	Volume (cm ³ /g)	Calculated with	
		$C_v = 1.9353 \times 10^{-2}$ kbar cm ³ /g°C $f(v) = 1.3822 + 0.10798v$	$C_v = 1.3735 \times 10^{-2}$ kbar cm ³ /g°C $f(v) = 1.7839$
		Temperature (°C)	Temperature (°C)
58.3	0.661	522.1	559.8
71.1	0.641	541.4	698.8
85.7	0.621	588.9	866.8
102.5	0.601	640.3	1069.8
121.5	0.581	725.4	1313.8
142.9	0.561	839.3	1591.8
167.0	0.541	986.4	1926.8
193.9	0.521	1171.3	2316.8
223.8	0.501	1397.3	2756.8