

TABLE I CONTINUED

GAS NO. 7,	.581 M/F	P ATM.	DENSITY,	$k \times 10^4,$
			G-MOLES/L	CAL/CM SEC °C
			CARBON DIOXIDE, .419	M/F ETHANE
7- 1		1.	3.53E-02	.578
7- 2		25.	9.56E-01	.632
7- 3		50.	2.13E-00	.701
7- 4		60.	2.70E-00	.737
7- 5		70.	3.34E-00	.781
7- 6		80.	4.06E-00	.834
7- 7		90.	4.87E-00	.897
7- 8		100.	5.74E-00	.968
7- 9		125.	8.02E-00	1.16
7-10		150.	9.99E-00	1.33
7-11		175.	1.14E+01	1.46
7-12		200.	1.23E+01	1.58
7-13		250.	1.36E+01	1.77
7-14		300.	1.46E+01	1.93
7-15		400.	1.58E+01	2.21
7-16		500.	1.68E+01	2.44
7-17		750.	*	2.91
7-18		1000.	*	3.29
7-19		1500.	*	3.86
7-20		2000.	*	4.31
7-21		3000.	*	4.97

S = .250, $1 \leq P \leq 601$; S = .091, $384 \leq P \leq 3000$

GAS NO. 8 .795 MF CARBON DIOXIDE, .205 M/F ETHANE

8- 1	1.	3.50E-02	.531
8- 2	25.	9.52E-01	.573
8- 3	50.	2.10E-00	.636
8- 4	60.	2.64E-00	.669
8- 5	70.	3.24E-00	.709
8- 6	80.	3.92E-00	.756
8- 7	90.	4.68E-00	.812
8- 8	100.	5.54E-00	.879
8- 9	125.	8.00E-00	1.08
8-10	150.	1.02E+01	1.28
8-11	175.	1.19E+01	1.43
8-12	200.	1.31E+01	1.55
8-13	250.	1.47E+01	1.75
8-14	300.	1.58E+01	1.91
8-15	400.	1.72E+01	2.17
8-16	500.	1.83E+01	2.39
8-17	750.	*	2.83
8-18	1000.	*	3.20
8-19	1500.	*	3.79
8-20	2000.	*	4.28
8-21	3000.	*	5.07

S = .191, $1 \leq P \leq 607$; S = .078, $490 \leq P \leq 3000$