TABLE I CONTINUED

	P, ATM.	DENSITY, G-MOLES/L	k X 10^4, CAL/CM SEC°C
GAS NO. 9, .192 M/F NITROGEN, .808 M/F ETHANE (ARGON CAL.)			
9- 1	1.	3.49E-02	.675
9- 2	25.	9.41E-01	.725
9- 3	50.	2.04E-00	.803
9- 4	60.	2.54E-00	.844
9- 5	70.	3.06E-00	.891
9- 6	80.	3.63E-00	.944
9- 7	90.	4.21E-00	1.00
9- 8	100.	4.82E-00	1.06
9- 9	125.	6.31E-00	1.22
9-10	150.	7.61E-00	1.35
9-11	175.	8.67E-00	1.46
9-12	200.	9.54E-00	1.55
9-13	250.	1.08E+01	1.71
9-14	300.	1.18E+01	1.84
9-15	400.	1.32E+01	2.08
9-16	500.	1.42E+01	2.29
9-17	750.	*	2.69
S = .348, $1 \leq P \leq 600$		S = .246, $103 \leq P \leq 834$	
GAS NO. 10, .368 M/F NITROGEN, .632 M/F ETHANE (ARGON CAL.)			
10- 1	1.	3.49E-02	.675
10- 2	25.	9.29E-01	.719
10- 3	50.	1.98E-00	.779
10- 4	60.	2.45E-00	.808
10- 5	70.	2.93E-00	.839
10- 6	80.	3.44E-00	.873
10- 7	90.	3.96E-00	.910
10- 8	100.	4.49E-00	.949
10- 9	125.	5.82E-00	1.06
10-10	150.	7.05E-00	1.17
10-11	175.	8.13E-00	1.28
10-12	200.	9.05E-00	1.38
10-13	250.	1.05E+01	1.54
10-14	300.	1.16E+01	1.65
10-15	400.	1.32E+01	1.83
10-16	500.	1.42E+01	2.02
10-17	750.	*	2.45
S = .338, $1 \leq P \leq 493$		S = .260, $381 \leq P \leq 3000$	