

TABLE 5. Listing of Data in Figure 3

Round	Impactor			Atmosphere			Target		Efficiency
	Diameter	Mass	Type	Velocity		Pressure	Type	Type††	
	$2r_p$ , cm	$m_p$ , g		Launch	Impact†	Bars			
900504	0.6350	0.3760	Al	2.00	2.00	0.0197	helium	P	356
871205	0.6350	0.3760	Al	5.04	5.02	0.0316	air	P	1442
900509	0.6350	0.3760	Al	1.52	1.51	0.0474	CO <sub>2</sub>	P	242
821121	0.6350	0.3760	Al	2.33	2.33	0.0630	air	P	400
821209	0.6350	0.3760	Al	2.22	2.20	0.0630	CO <sub>2</sub>	P	311
900508	0.6350	0.3760	Al	1.77	1.75	0.0776	argon	P	225
900505	0.6350	0.3760	Al	1.70	1.69	0.0882	air	P	207
810509	0.6350	0.3760	Al	6.09	5.99	0.1180	argon	P	1414
821123	0.6350	0.3760	Al	2.05	2.02	0.1250	air	P	232
871212	0.6350	0.3760	Al	5.24	5.24	0.1280	helium	P	906
821214	0.6350	0.3760	Al	2.21	2.21	0.1250	helium	P	252
900901	0.3180	0.0452	Al	5.24	5.22	0.1250	helium	P	1367
900903	0.1590	0.0059	Al	4.59	4.37	0.1250	N <sub>2</sub>	P	1188
810531	0.6350	0.3760	Al	5.44	5.36	0.1550	N <sub>2</sub>	P	683
810505	0.6350	0.3760	Al	5.34	5.16	0.2500	argon	P	868
810214	0.6350	0.3760	Al	6.50	6.28	0.2500	argon	P	937
821126	0.6350	0.3760	Al	2.16	2.11	0.2500	air	P	205
821128	0.6350	0.3760	Al	2.15	2.14	0.2500	helium	P	241
821223	0.3180	0.1490	Cd	5.08	5.08	0.2500	helium	P	797
820508	0.1590	0.0056	Al	1.92	1.73	0.2500	air	P	393
820512	0.6350	0.3760	Al	2.02	1.97	0.2500	air	P	167
820516	0.6350	0.3760	Al	6.00	5.98	0.2500	helium	P	787
820521	0.6350	0.3760	Al	5.54	5.34	0.2500	CO <sub>2</sub>	P	606
900828	0.3180	0.0454	Al	5.24	5.20	0.2500	helium	P	1124
871211	0.6350	0.3760	Al	5.06	5.04	0.2550	helium	P	784
871221	0.6350	0.3760	Al	5.52	5.25	0.4740	N <sub>2</sub>	P	774
871223	0.6350	0.3760	Al	5.32	4.96	0.4740	argon	P	730
871210	0.6350	0.3760	Al	5.13	5.09	0.4810	helium	P	855
900830	0.1590	0.0452	Al	5.41	5.34	0.4930	helium	P	850
820507	0.1590	0.0058	Al	2.14	1.74	0.5000	air	P	381
820511	0.6350	0.3760	Al	1.99	1.90	0.5000	air	P	148
810212	0.6350	0.3760	Al	6.50	6.08	0.5000	argon	P	801
821210	0.6350	0.3760	Al	3.20	2.99	0.5000	argon	P	414
821207	0.6350	0.3760	Al	2.13	1.98	0.5000	CO <sub>2</sub>	P	148
821125	0.6350	0.3760	Al	2.04	1.94	0.5000	air	P	129
821203	0.6350	0.3760	Al	2.18	2.17	0.5000	helium	P	202
821205	0.6350	0.3760	Al	2.21	2.20	0.5000	helium	P	196
821224	0.3180	0.1480	Cd	4.01	3.72	0.5000	CO <sub>2</sub>	P	446
810532	0.6350	0.3760	Al	6.09	5.73	0.6420	N <sub>2</sub>	P	728
810211	0.6350	0.3760	Al	6.80	6.15	0.7500	argon	P	545
871209	0.6350	0.3760	Al	4.95	4.89	0.7630	helium	P	632
890933	0.6350	0.3760	Al	5.40	4.86	0.7890	argon	P	455
821206	0.6350	0.3760	Al	1.98	1.96	0.8420	helium	P	129
900904	0.6350	0.3757	Al	4.67	4.28	0.8880	N <sub>2</sub>	P	431
871208	0.6350	0.3760	Al	5.29	4.62	0.9080	argon	P	506