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MCMC Thermophysical Modeling Results*

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ABSTRACT

test

1. INTRODUCTION

All the results from the spherical MCMC thermophysical application can be found in this file. Included is a series of tables with major physical characteristics and a series of plots for each object modeled.

Table 1. Physical characteristics from thermophysical modeling of various objects

Name	Diameter km	Albedo	Theta deg	Period hr	Crater Fraction
(1)	(2)	(3)	(4)	(5)	(6)
1990	$0.6286^{+20.9\%}_{-39.9\%}$	$0.2901^{+42.1\%}_{-42.1\%}$	$7.1476^{+134.3\%}_{-237.0\%}$	$4.48^{+128.7\%}_{-62.1\%}$	$0.418^{+0.371}_{-0.293}$
2002	$1.2968^{+13.5\%}_{-11.7\%}$	$0.2656^{+25.7\%}_{-25.7\%}$	$1.4619^{+62.5\%}_{-45.7\%}$	$47.00^{+0.0\%}_{-0.0\%}$	$0.332^{+0.326}_{-0.195}$
2100	$1.8600^{+15.0\%}_{-19.8\%}$	$0.1351^{+36.1\%}_{-36.1\%}$	$10.3756^{+137.5\%}_{-145.4\%}$	$4.66^{+91.2\%}_{-61.9\%}$	$0.416^{+0.345}_{-0.289}$
02212	$4.8786^{+5.6\%}_{-4.8\%}$	$0.2586^{+17.2\%}_{-17.2\%}$	$0.9490^{+29.8\%}_{-28.2\%}$	$6.36^{+129.0\%}_{-71.5\%}$	$0.742^{+0.180}_{-0.322}$
5693	$0.9964^{+22.2\%}_{-31.2\%}$	$0.2872^{+38.3\%}_{-38.3\%}$	$6.2415^{+145.9\%}_{-181.3\%}$	$4.92^{+138.1\%}_{-65.5\%}$	$0.490^{+0.340}_{-0.334}$
7735	$0.7153^{+15.1\%}_{-16.0\%}$	$0.2633^{+27.2\%}_{-27.2\%}$	$1.6573^{+210.8\%}_{-151.7\%}$	$5.15^{+147.6\%}_{-65.0\%}$	$0.424^{+0.371}_{-0.301}$
23606	$0.6383^{+20.3\%}_{-19.7\%}$	$0.2057^{+34.5\%}_{-34.5\%}$	$0.6717^{+110.9\%}_{-266.3\%}$	$5.40^{+180.9\%}_{-71.5\%}$	$0.578^{+0.302}_{-0.370}$
85713	$0.6028^{+20.6\%}_{-14.1\%}$	$0.3318^{+43.8\%}_{-43.8\%}$	$0.3684^{+191.7\%}_{-231.7\%}$	$6.40^{+239.2\%}_{-118.4\%}$	$0.444^{+0.324}_{-0.269}$
G1819	$0.8633^{+3.8\%}_{-8.3\%}$	$0.2747^{+18.4\%}_{-18.4\%}$	$15.8421^{+109.0\%}_{-88.4\%}$	$4.34^{+90.2\%}_{-60.2\%}$	$0.408^{+0.333}_{-0.284}$

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