

au	sm	sl	pi	sigma										
1.4960E+13	1.9900E+33	3.9000E+33	3.1416E+00	5.6700E-05										
model number	mass	radius	luminosity(Lsolar)	temperature	surface density	important number	piston amplitude	alpha inner	reduced gravity r(AU)	xi	kappa_dust	kappa_gas	comments	
1	1.9900E+33	1.9448E+13	5,597.10	3,000.00	1.4000E-08	2.1676E-01	4.0000E+05	0.8	1.5	0.5	2.60	2.0000E-04	1e-4,1e-2.0.8	
2	2.9850E+33	1.9448E+13	5,597.10	3,000.00	5.0000E-08	5.1611E-01	4.0000E+05	0.8	2	0.5	2.60	2.0000E-04	1e-4,0.8	
3	2.9850E+33	1.9448E+13	7,245.66	3,200.00	5.0000E-08	5.1611E-01	4.0000E+05	0.8	2.4	0.5	2.60	2.0000E-04	1e-4,0.8	
4	3.9800E+33	1.4960E+13	4,287.37	3,200.00	1.0000E-08	3.5237E-02	4.0000E+05	0.8	2	0.5	3.60	2.0000E-04	1e-4,0.8	