## #kepler

## 'global

%Source "Keplerian Elements for Approximate Positions of the Major Planets" by E. M. Standish form Solar System Dynamics Group at JPL / Caltech"

%Source for m an R: "http://nssdc.gsfc.nasa.gov/planetary/factsheet/planet\_table\_ratio.html" (30/05/16)

## ColisionModel COMBINE

%Unit: AU^3 M E^-1 cty^-2

% 1.1842402&

GravitationalConstant 11842,402

IncrementsPerTimeUnit 365000

msToTimeUnitConversionFactor 0.000001

Scale\_1 0.001 Scale s 0.1

Scale\_m 0.05 %unused

% KEPLERPOS DIFFEQ
RenderingMethod KEPLERPOS

CurrentTime 0.0

VilocityVectorLengthScale 0.00009

## 'dat

Pluto 9 false s 0.0025 0.186 0.5 0.5 0.0 39.48211675 -0.00031596 0.24882730 0.00005170 17.14001206 0.00004818 238.92903833 145.20780515 224.06891629 -0.04062942 110.30393684 -0.01183482