

Orbital Elements

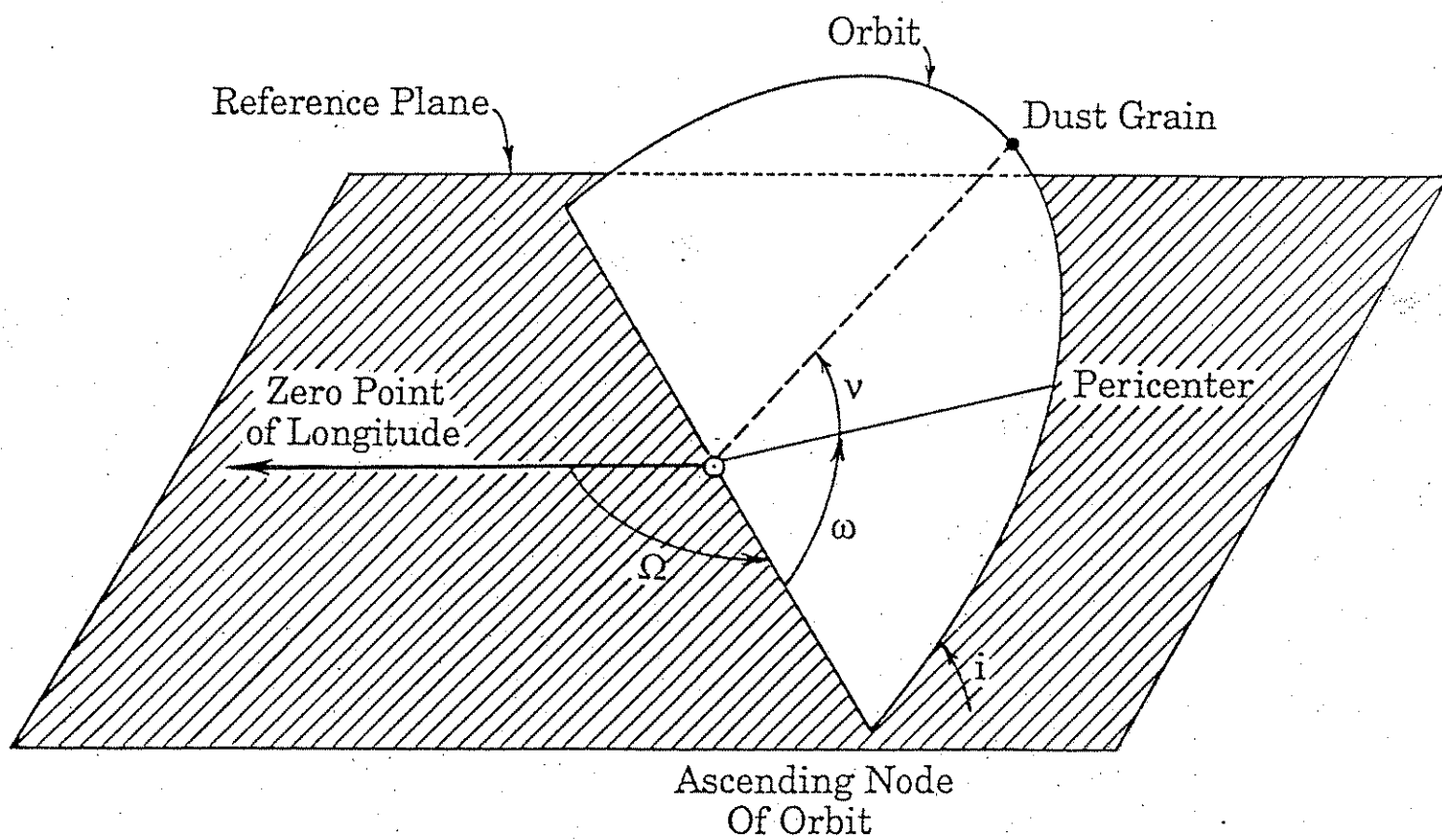
1. a semimajor axis
 $q = a(1-e)$ pericenter distance
2. e eccentricity
3. i inclination
4. Ω longitude of the ascending node
5. $\tilde{\omega}$ longitude of pericenter
 ω argument of pericenter
6. ν true anomaly
 E eccentric anomaly
 M mean anomaly
 u argument of latitude
 ℓ true longitude
 T time of pericenter passage

Common Sets:

$a, e, i, \Omega, \omega, \nu$

$a, e, i, \Omega, \tilde{\omega}, \ell$

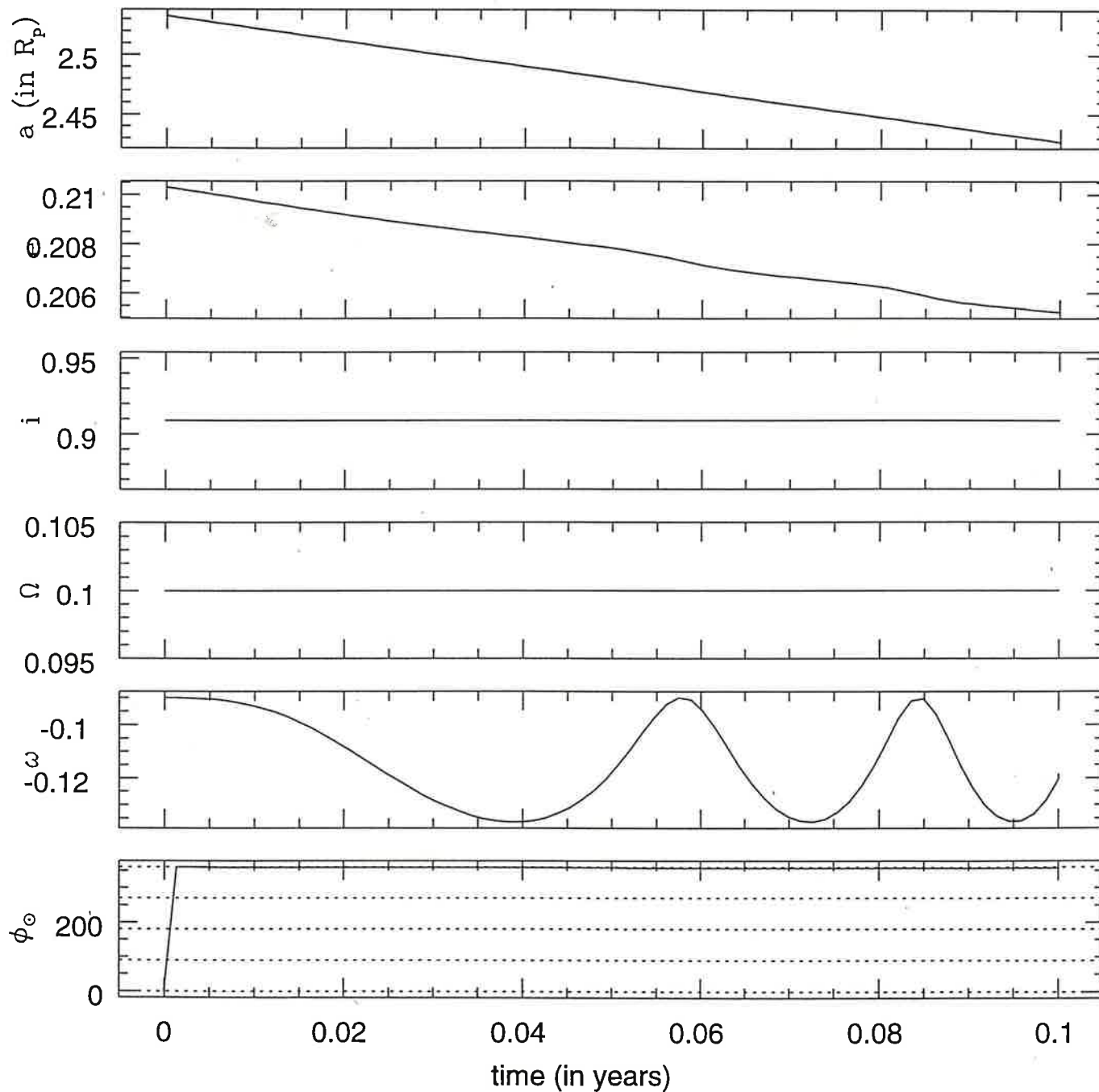
$q, e, i, \Omega, \omega, T$



Drag Force

File: out2

Grain Size: 100 μm



a

e

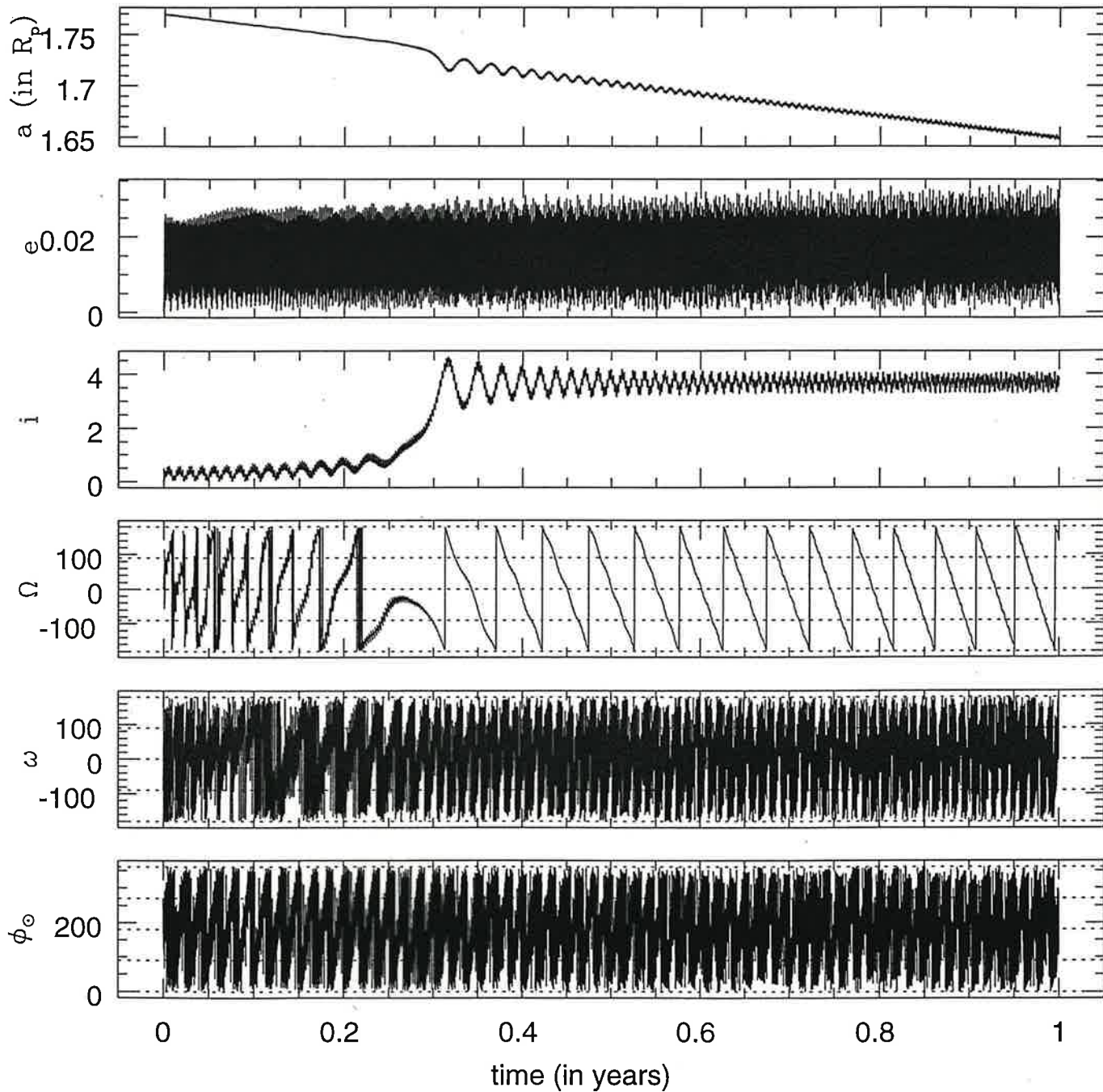
i

Ω

ω

Drag + Resonance

File: out3f Grain Size: 1 μm



a

e

i

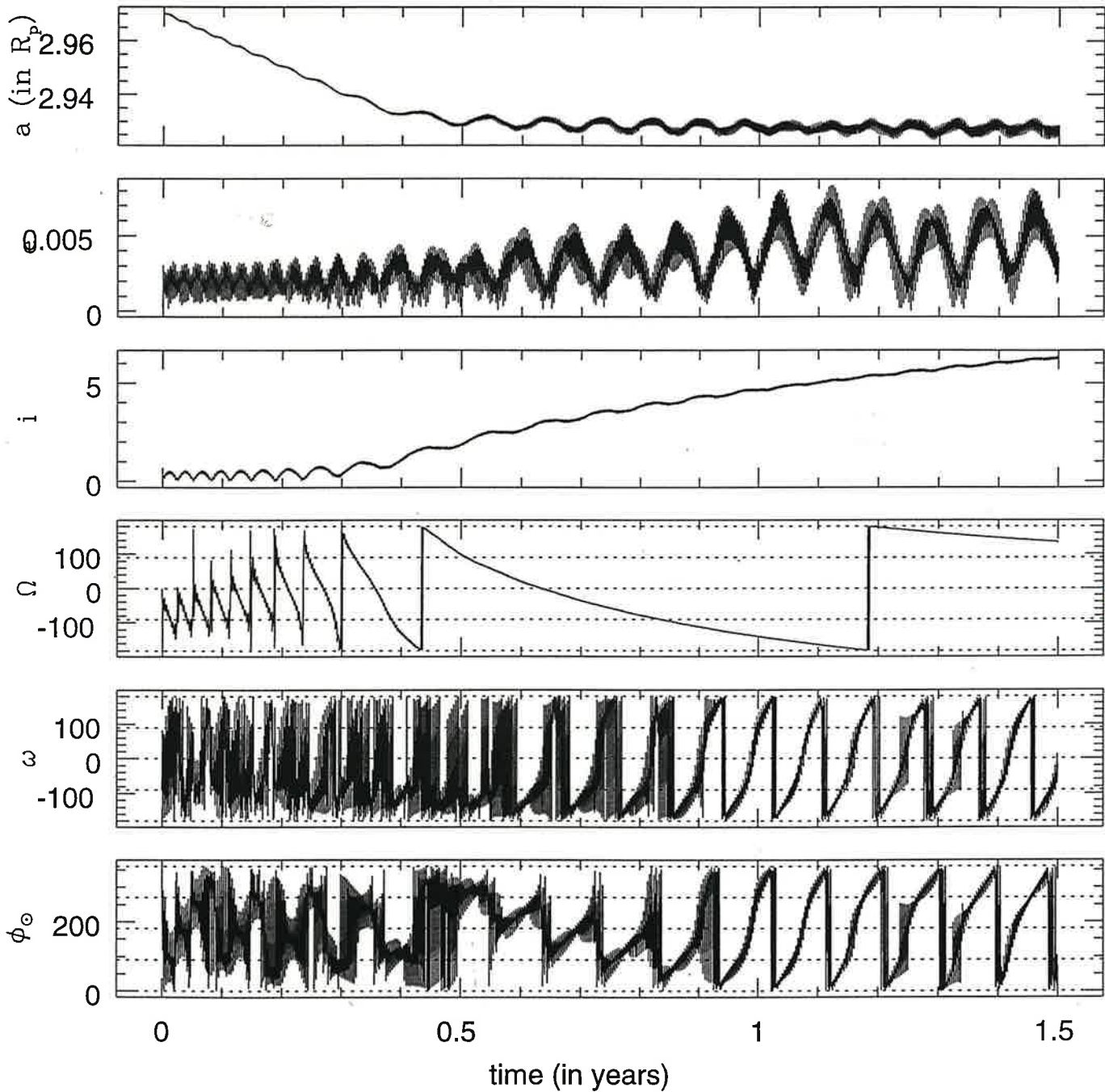
Ω

ω

Drag + Resonance

File: out3k.s

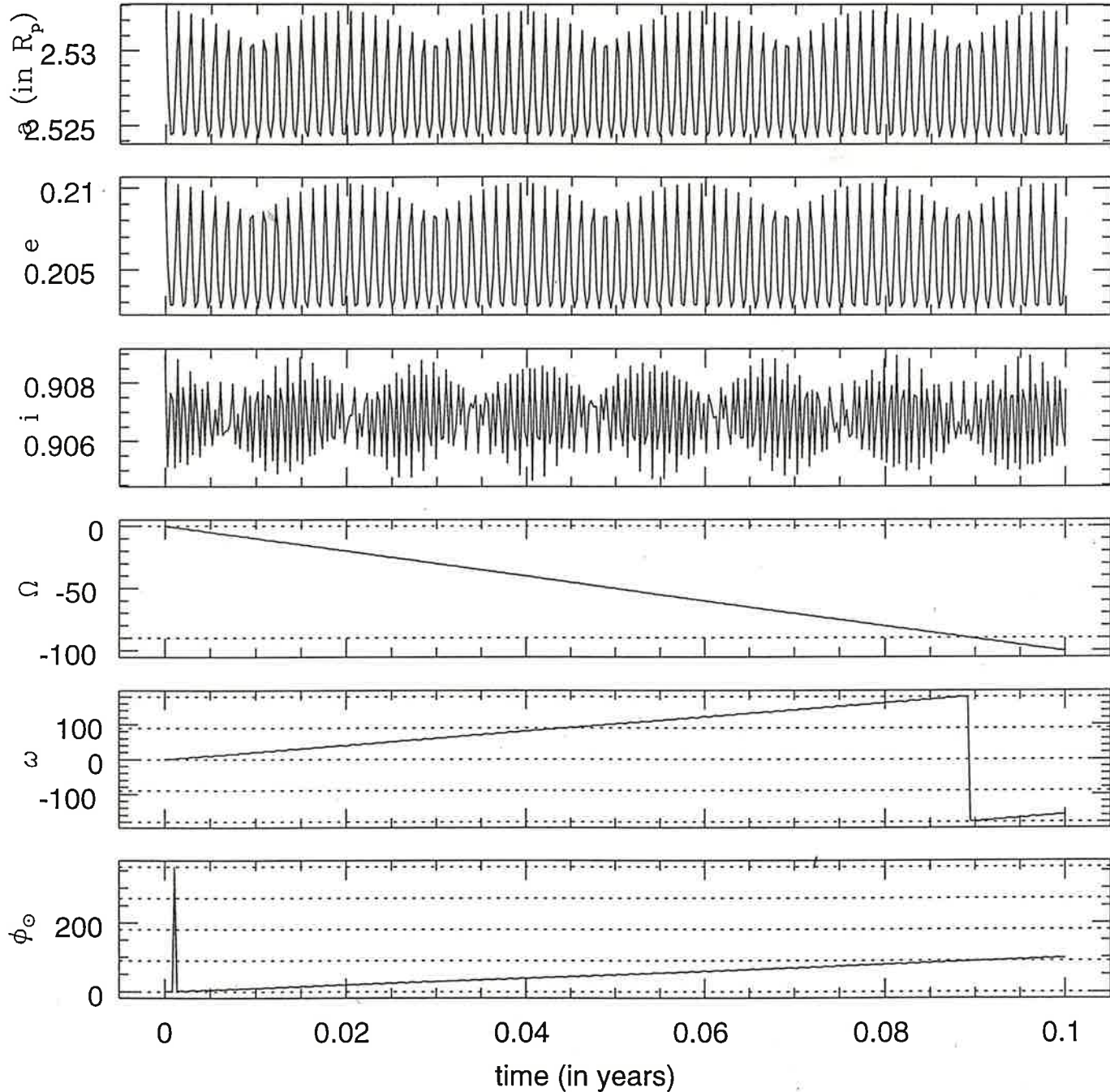
Grain Size: 1 μm



Planetary Oblateness

File: out4

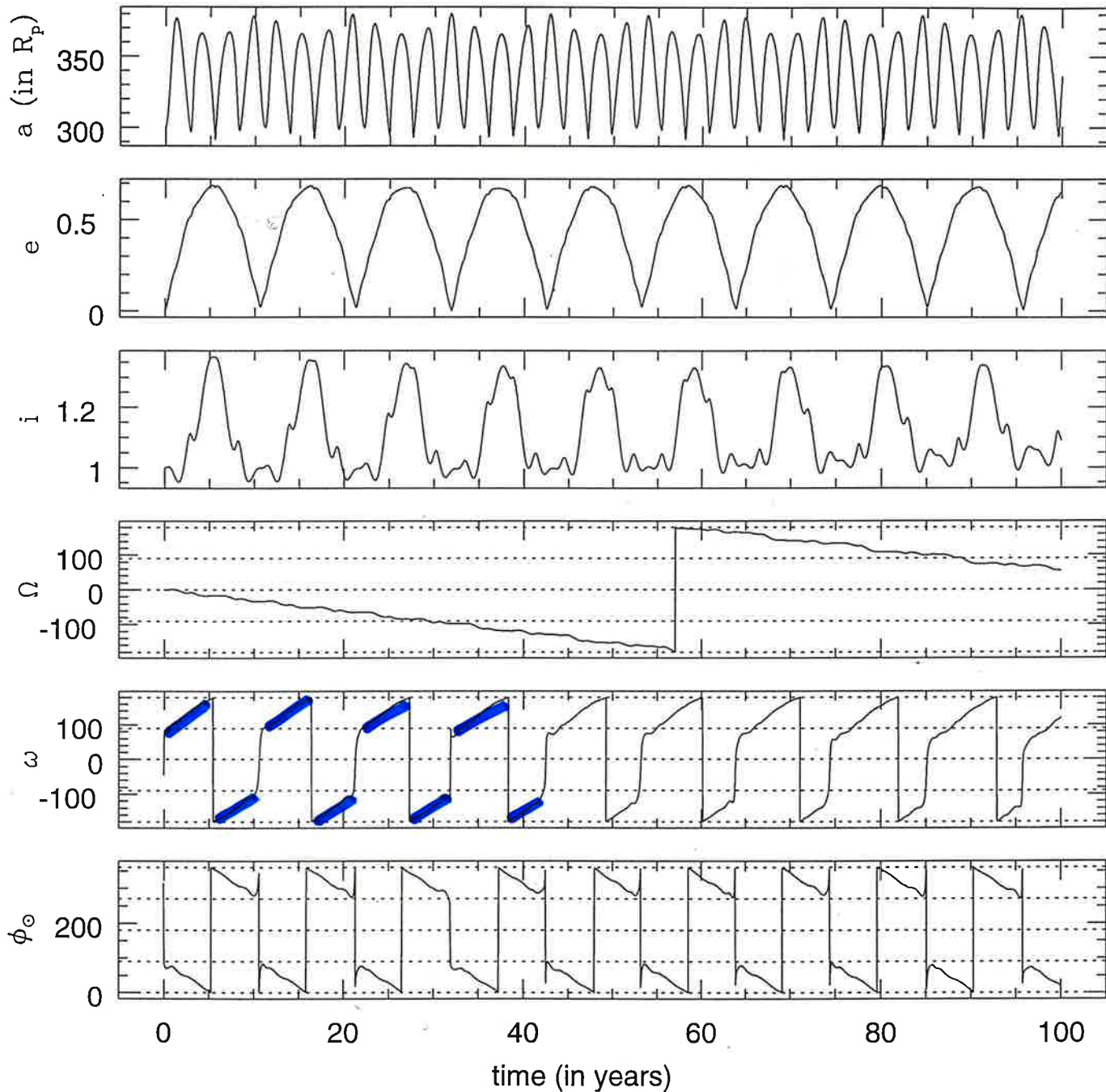
Grain Size: 100 μm



Radiation Pressure

File: out5

Grain Size: 5 μm



a

e

i

Ω

ω