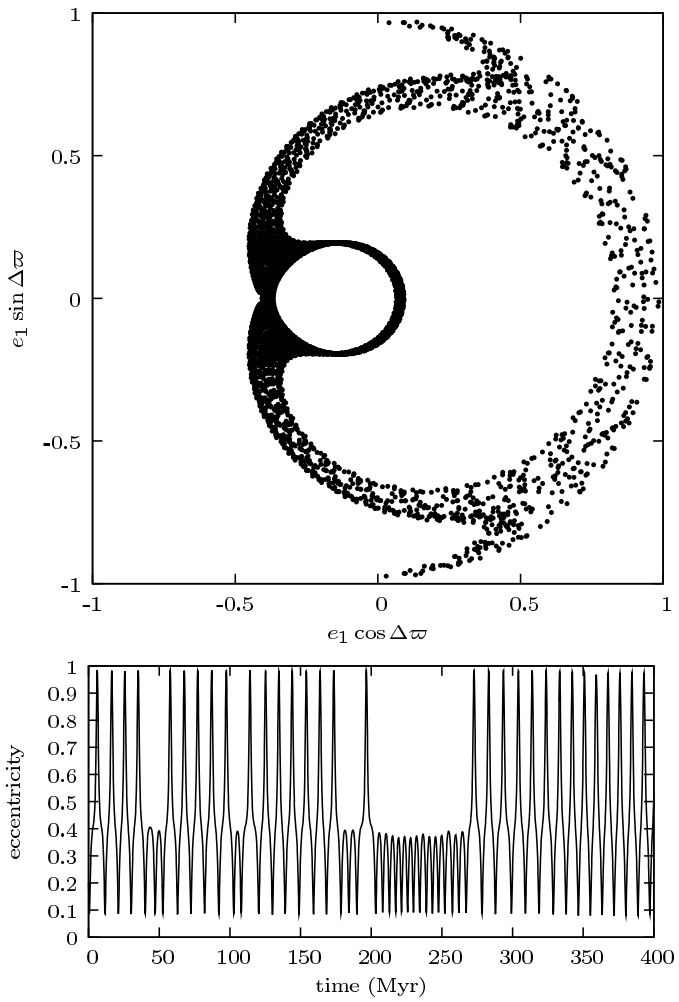
1
0.5
0
-0.5
-1
-1
-0.5
0
0.5
1
$e_1 \sin \Delta\varpi$
$e_1 \cos \Delta\varpi$


1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
eccentricity
0
50
100
150
200
250
300
350
400
time (Myr)