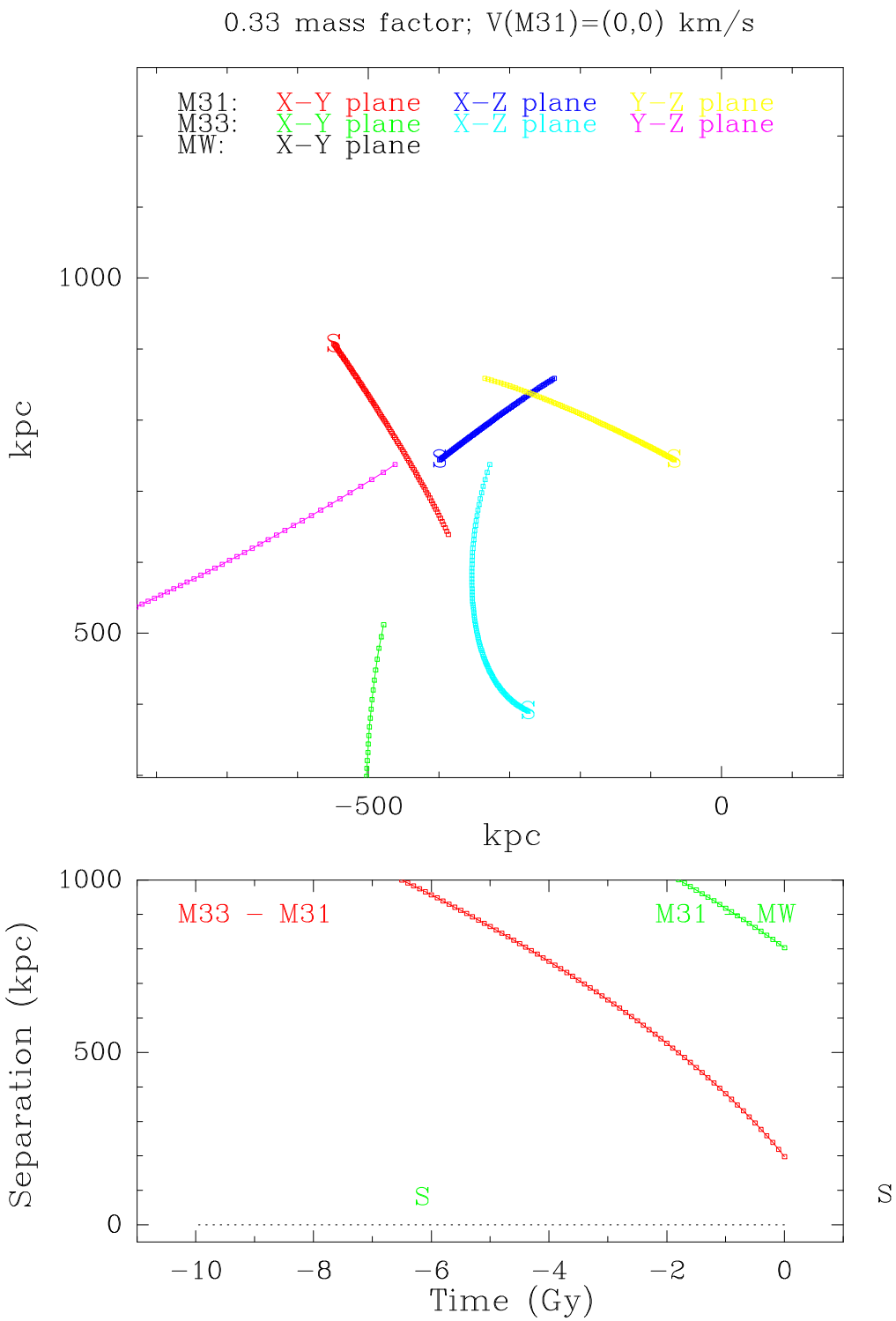
0.33 mass factor; V(M31)=(0,0) km/s
M31: X−Y plane X−Z plane Y−Z plane
M33: X−Y plane X−Z plane Y−Z plane
MW: X−Y plane
1000
500
kpc
−500
0
kpc
1000
500
0
Separation (kpc)
M33 − M31
M31 − MW
S
−10
−8
−6
−4
−2
0
Time (Gy)