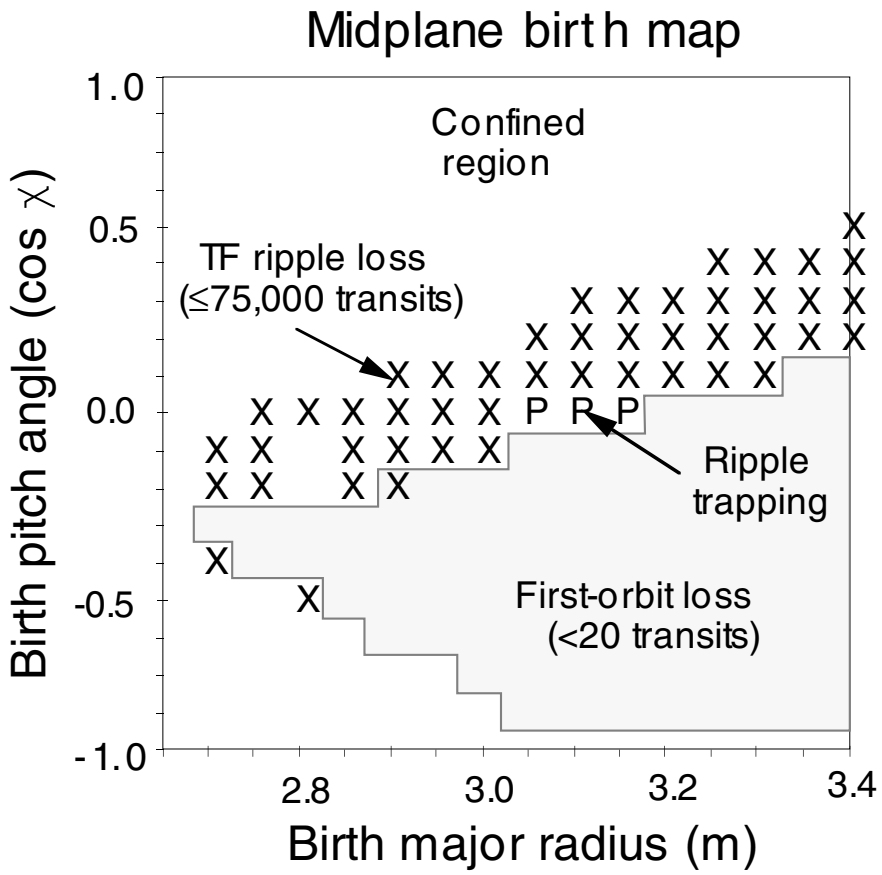
Midplane birth map
Confined region
TF ripple loss (≤75,000 transits)
Ripple trapping
First-orbit loss (<20 transits)
Birth pitch angle (cos χ)
1.0
0.5
0.0
-0.5
-1.0
2.8
3.0
3.2
3.4
Birth major radius (m)

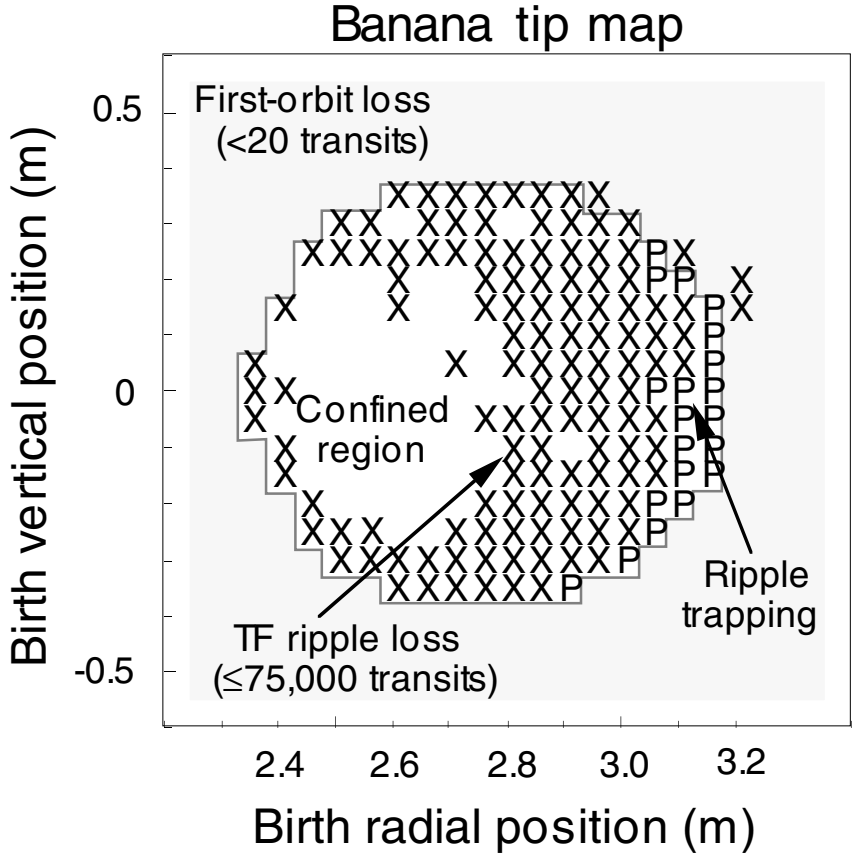
Banana tip map
First-orbit loss (<20 transits)
Confined region
Ripple trapping
TF ripple loss (≤75,000 transits)
Birth vertical position (m)
0.5
0
-0.5
2.4
2.6
2.8
3.0
3.2
Birth radial position (m)

Figure 8