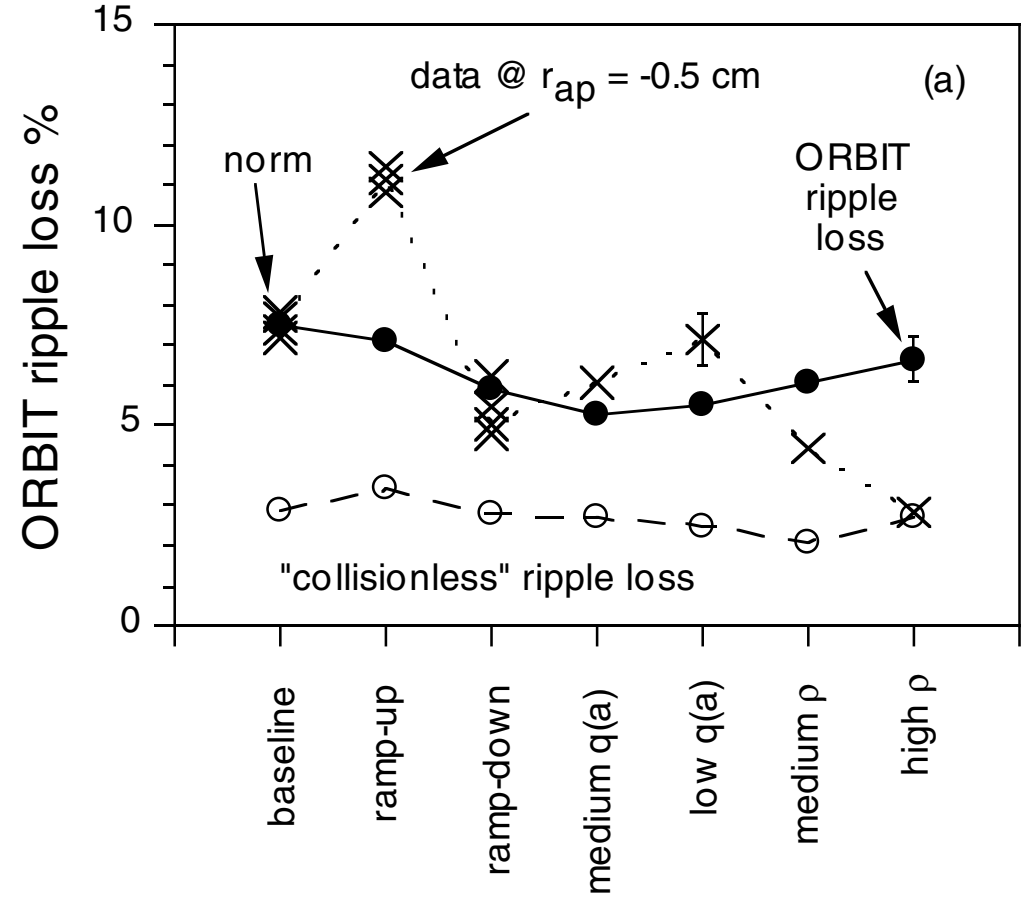
15
10
5
0
ORBIT ripple loss %
data @ r_{ap} = -0.5 cm
(a)
norm
ORBIT
ripple
loss
"collisionless" ripple loss
baseline
ramp-up
ramp-down
medium q(a)
low q(a)
medium ρ
high ρ

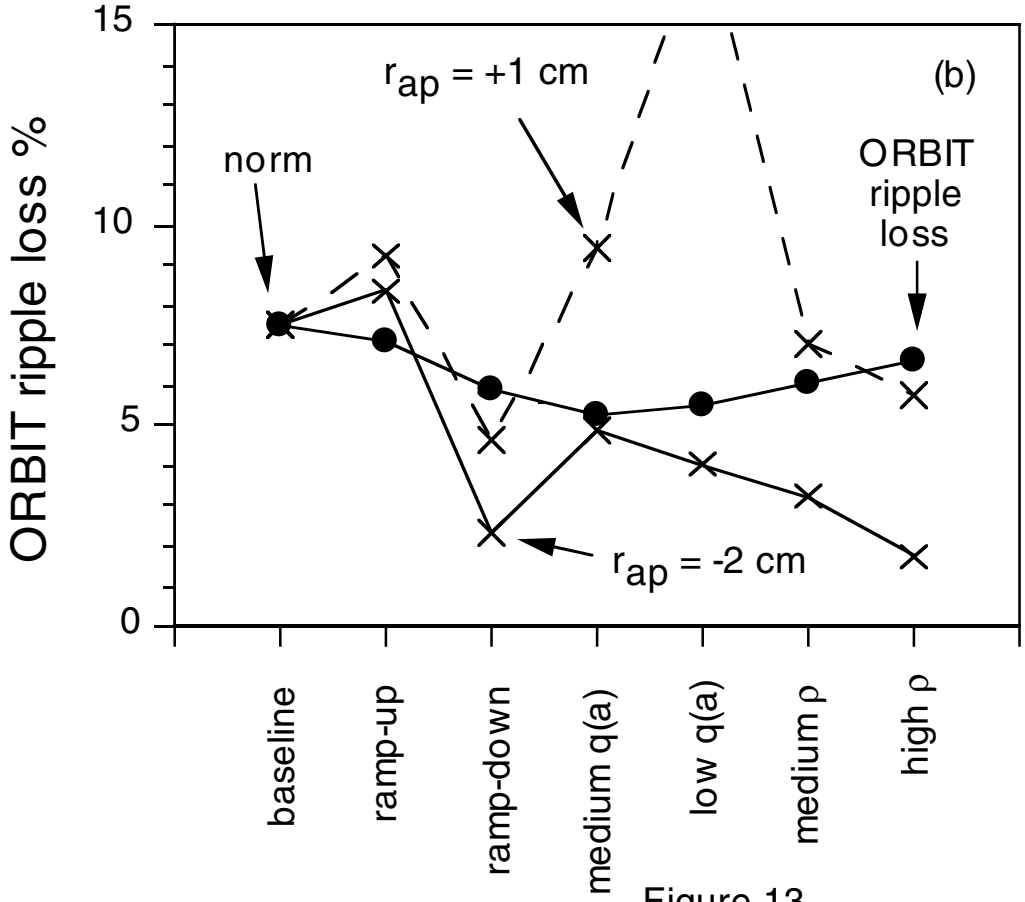
15
10
5
0
ORBIT ripple loss %
r_{ap} = +1 cm
(b)
norm
ORBIT
ripple
loss
r_{ap} = -2 cm
baseline
ramp-up
ramp-down
medium q(a)
low q(a)
medium ρ
high ρ

Figure 13