



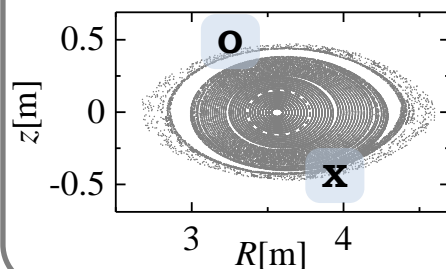
# Observations of sustained phase shifted magnetic islands from externally imposed $m/n = 1/1$ RMP in LHD

Y. Narushima NIFS

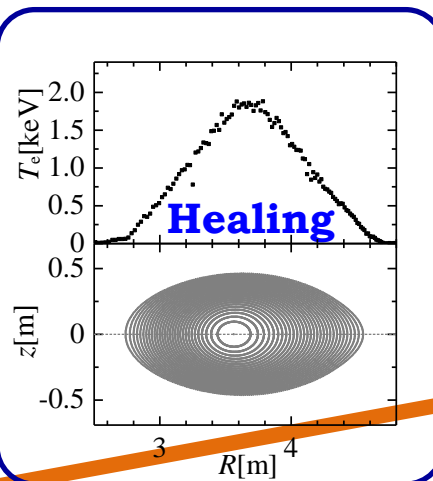
RMP produces static magnetic island in LHD

Vacuum configuration

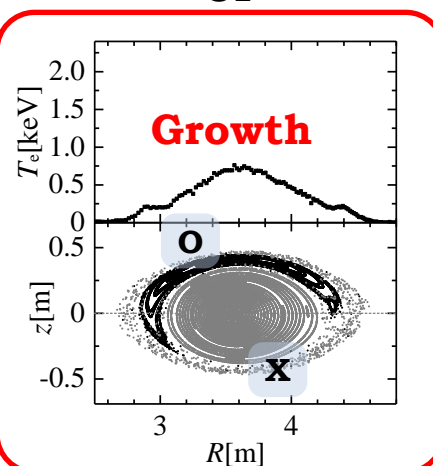
Static island



Finite beta

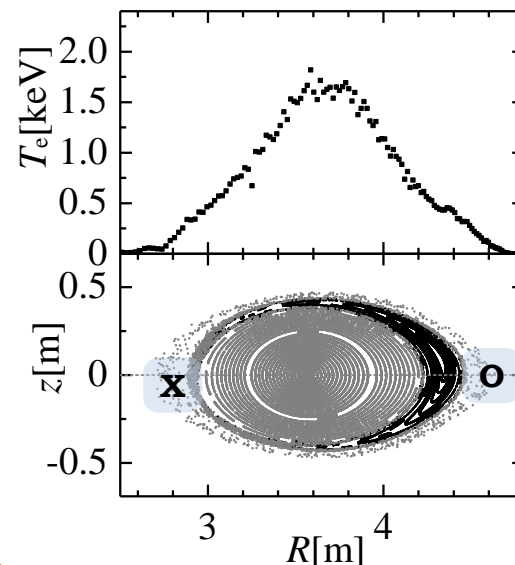


or



Previously observed behavior of island

**New observation**  
**Intermediate state**



Island phase is between growth and healing, which lasts ~2 sec.