- Up to factor of two decrease in edge Fast Ion D-alpha (FIDA) measured when n=3 RMP turns-on
 - Short 50ms n=3 off periods used to diagnose impact of n=3
 - ELM suppression maintained throughout

- Measurements consistent with SPIRAL
 +M3D-C1 full orbit simulations showing
 - Large loss of fast ions from $\rho > 0.7$
 - Majority of losses to divertor region





