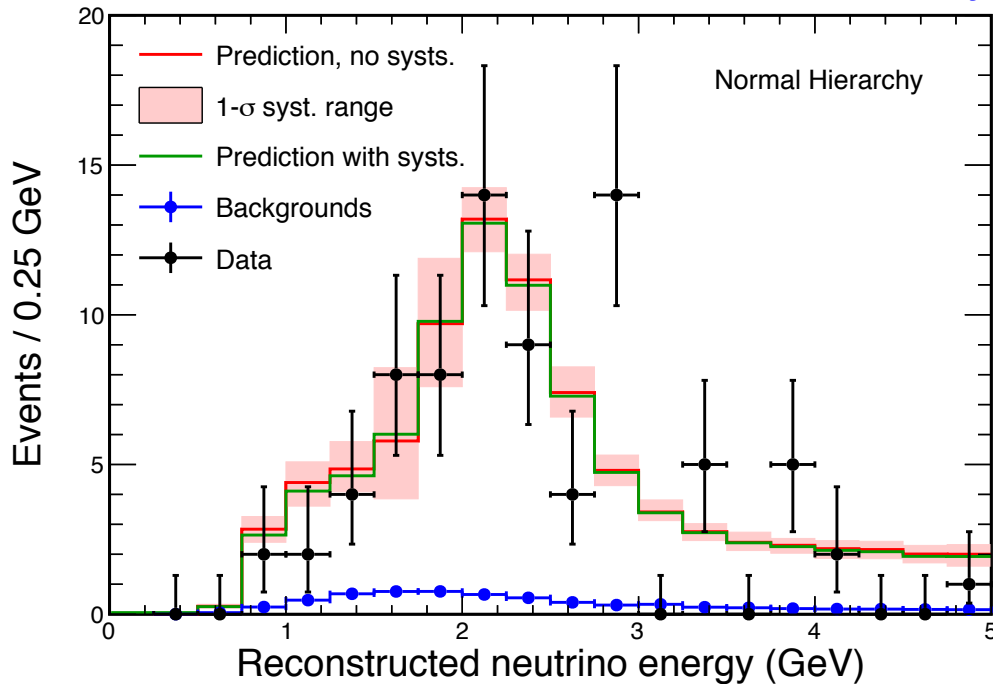
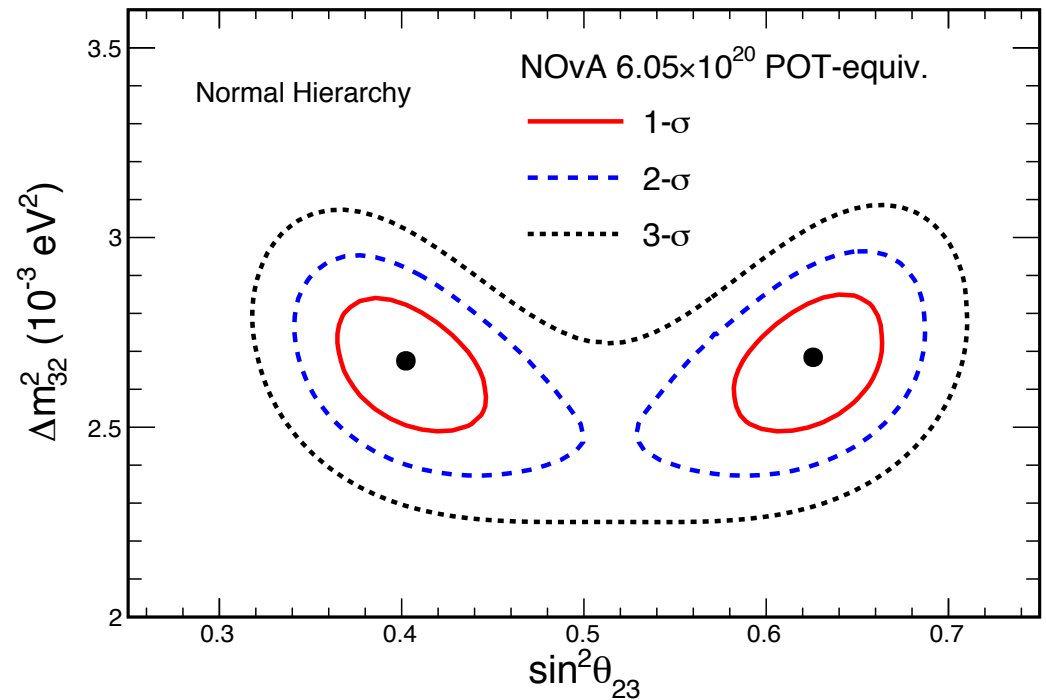


Our best fit excludes maximal mixing at 2.5σ

NOvA Preliminary



NOvA Preliminary



Our best fit is at:

$$\Delta m_{32}^2 = (2.67 \pm 0.12) \times 10^{-3} \text{eV}^2 (\text{NH})$$

$$\sin^2(\theta_{23}) = 0.40^{+0.03}_{-0.02} (0.63^{+0.02}_{-0.03})$$

ν_e appearance results

- 2 degenerate best fit points:
 - NH, $\delta_{CP} = 1.48\pi$
 $\sin^2\theta_{23} = 0.404$
 - NH, $\delta_{CP} = 0.74\pi$
 $\sin^2\theta_{23} = 0.623$
- Inverted hierarchy slightly disfavored - $\Delta\chi^2 = 0.47$
- Lower octant in the IH is disfavored at 93% CL
- arXiv:1703.03328

