

DUNE Exercise: Considering the disappearance channel at Dune (well described by a 2-families probability), estimate its sensitivity to non-standard interactions by the effects on mixing angle and squared mass differences.

- Look for the DUNE's precision in establishing the values of Δm^2 and θ_{23}
- Analyse the effects of ε 's on effective Δm^2 and θ_{23}
- Estimate the limits obtainable on ε 's.