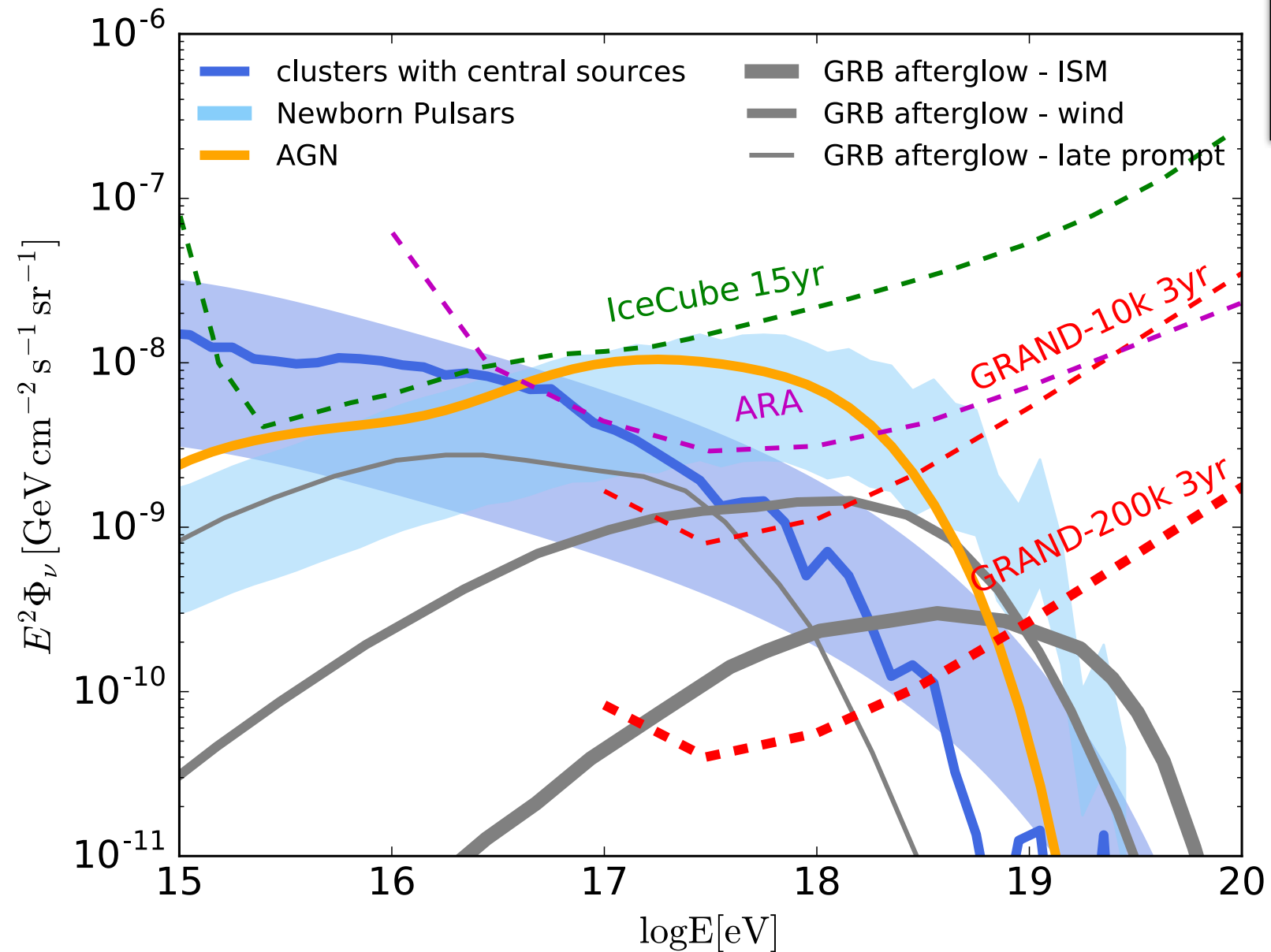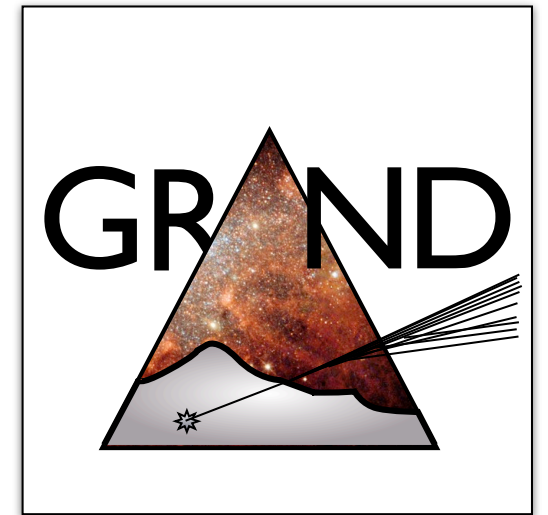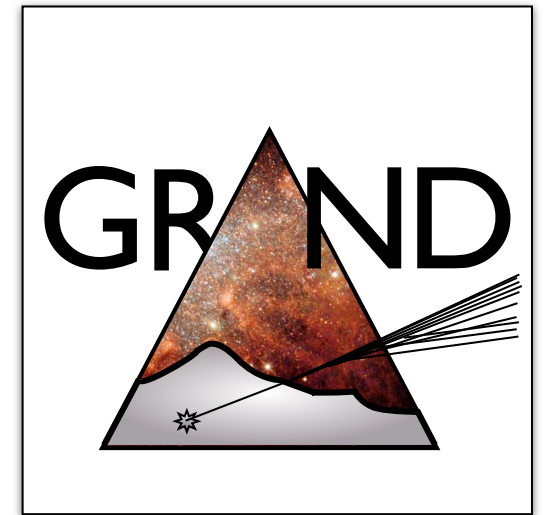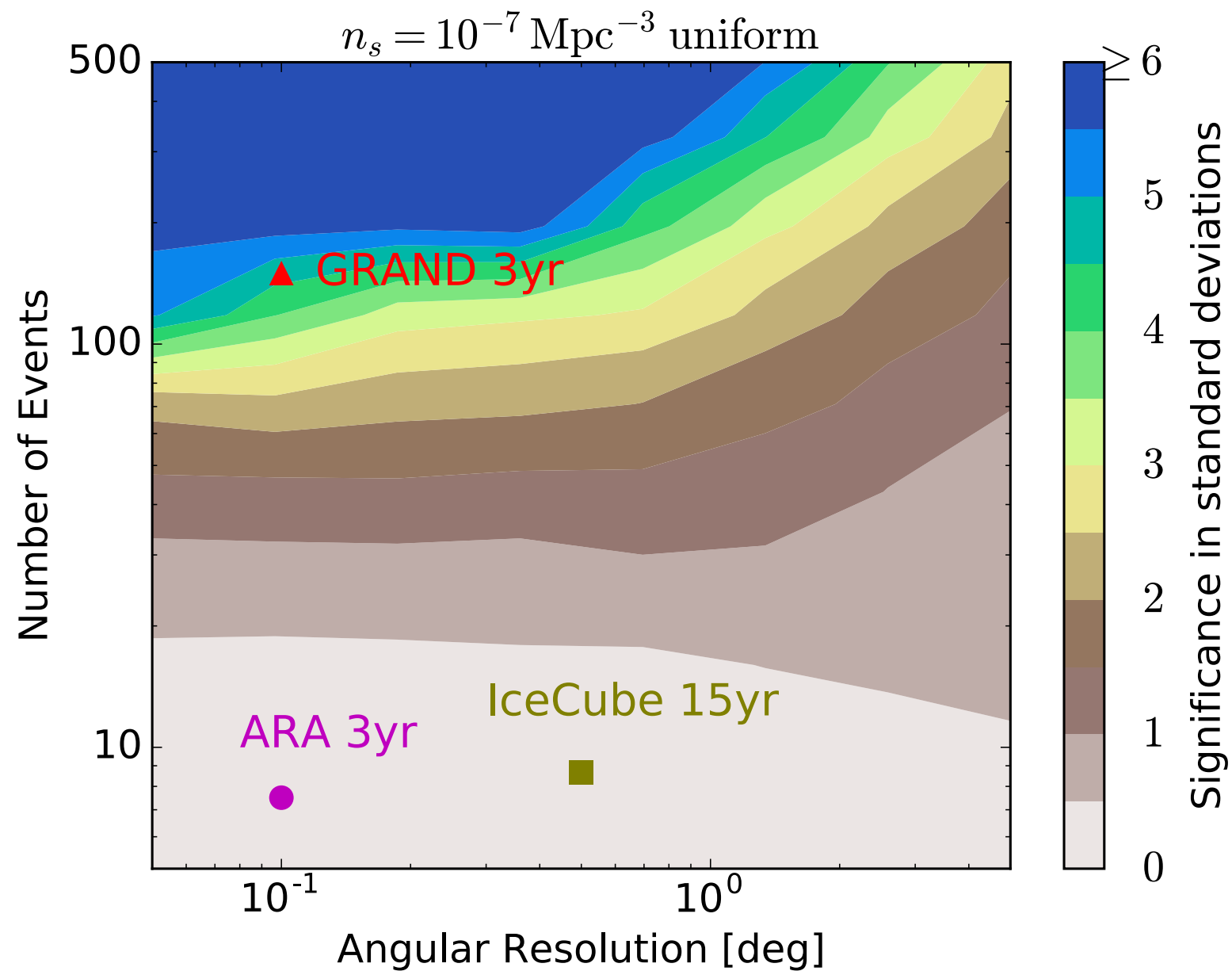# EeV Neutrino Astronomy

- Constraining source models

- Resolving the first UHECR sources

- Transient Sources

Constraining Source Models

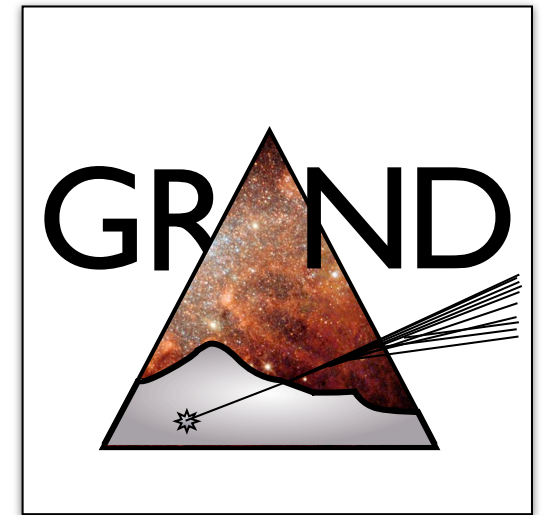- Double check sensitivity calculation w. bad energy resolution
- Integral limit or differential limit?

Constraining Source Models

$n_s = 10^{-7} \, \mathrm{Mpc}^{-3}$ uniform

- Estimate event number (range) to be detected by experiments
- Include KM3NeT, IceCube-Gen2
- Explain shape of the contours

Transient Source

- Estimate number of transient sources that could occur in each instant skye coverage