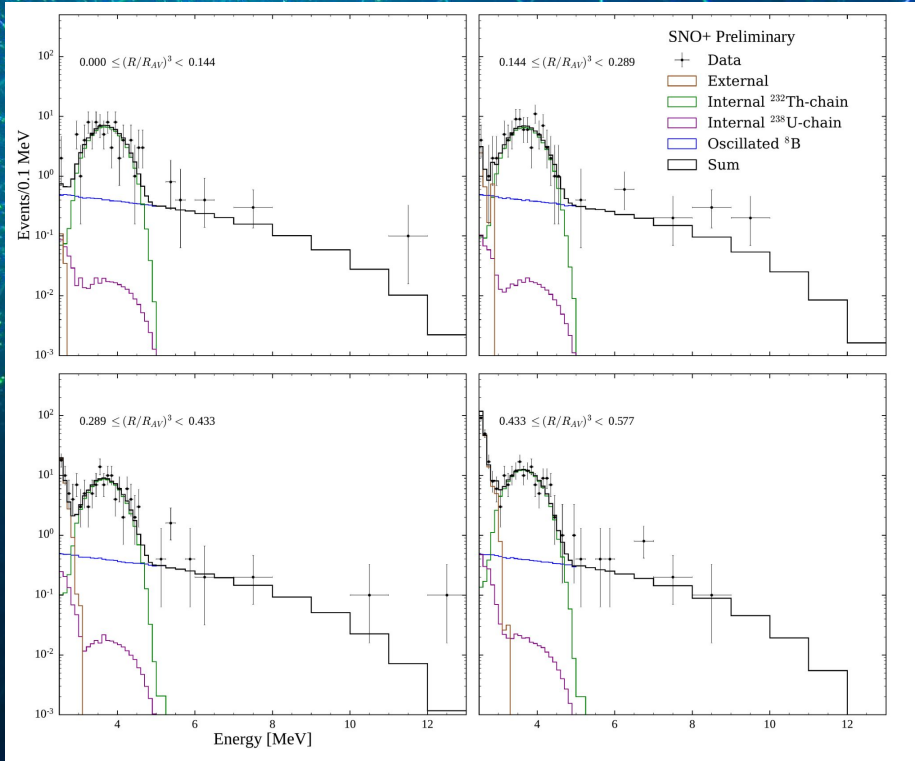
Measuring Solar Neutrino Oscillations in the SNO+ Detector

Daniel Cookman

KING'S College LONDON

SNO+ can measure the oscillation parameters θ_{12} & Δm^2_{21} by looking at the shape of ^{8}B solar neutrinos



First measurement made, using 80.6 days of scintillator phase data

Sensitivity at longer livetimes projected