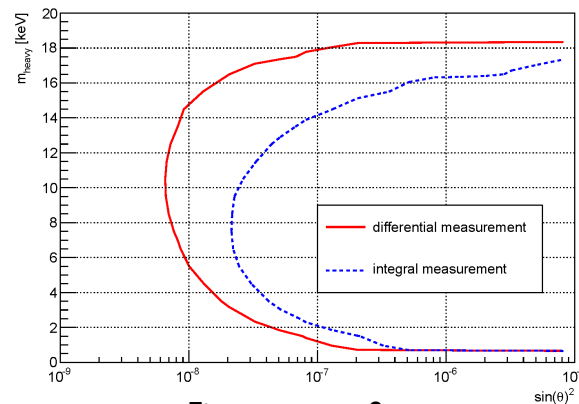
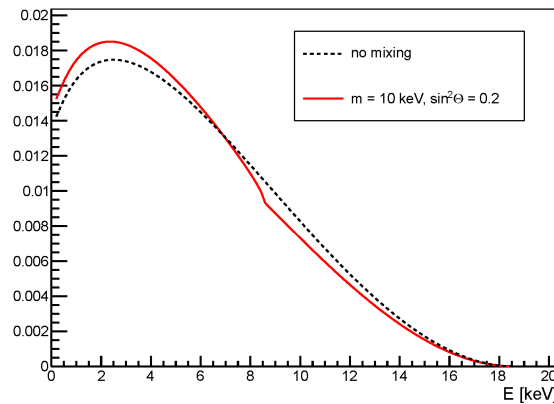


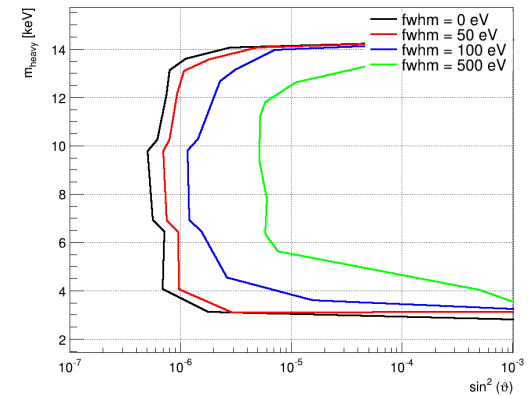
keV neutrinos @ KATRIN

Susanne Mertens, unpublished
(?)

Ben Monreal, UCSB
DaMaSC 4/2014

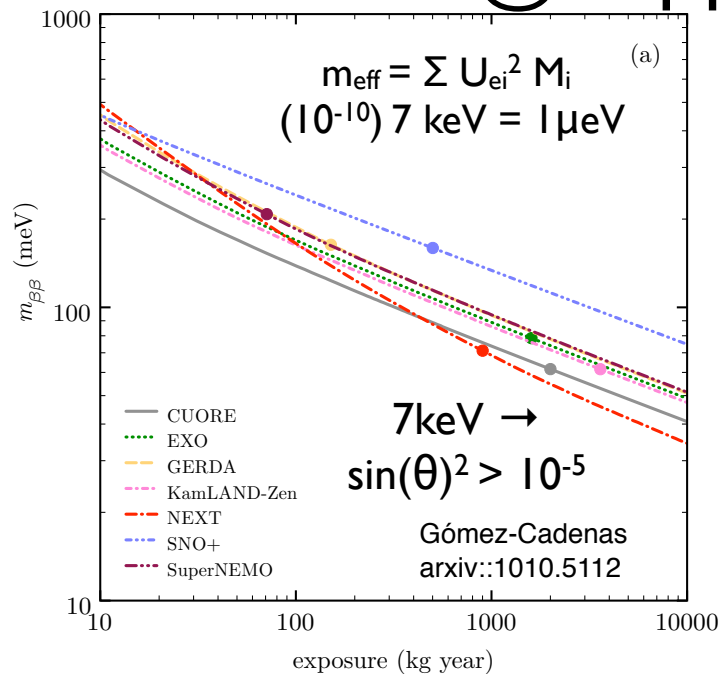


Fit spectrum fit
with sterile component
 $7\text{keV} \rightarrow \sin(\theta)^2 > 10^{-8}$



Search for localized kink
 $7\text{keV} \rightarrow \sin(\theta)^2 > 10^{-6}$

keV neutrinos @ $0\nu\beta\beta$



These are really “milli-weak-charged” neutrinos ($Y = 10^{-5}$) ...

