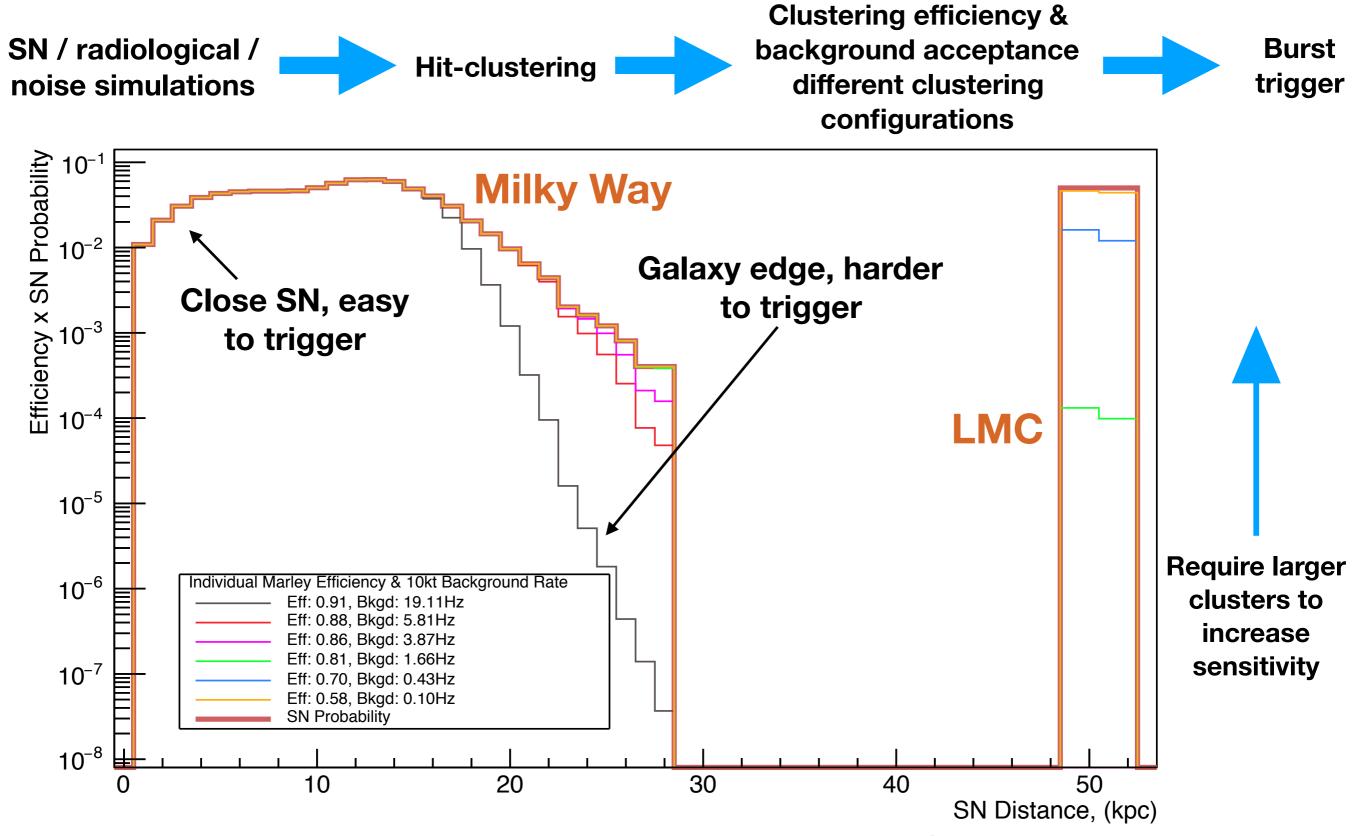
Triggering on SN Burst Neutrinos at DUNE







Assuming a fake burst trigger rate of 1/month, what is our SN sensitivity vs. distance?

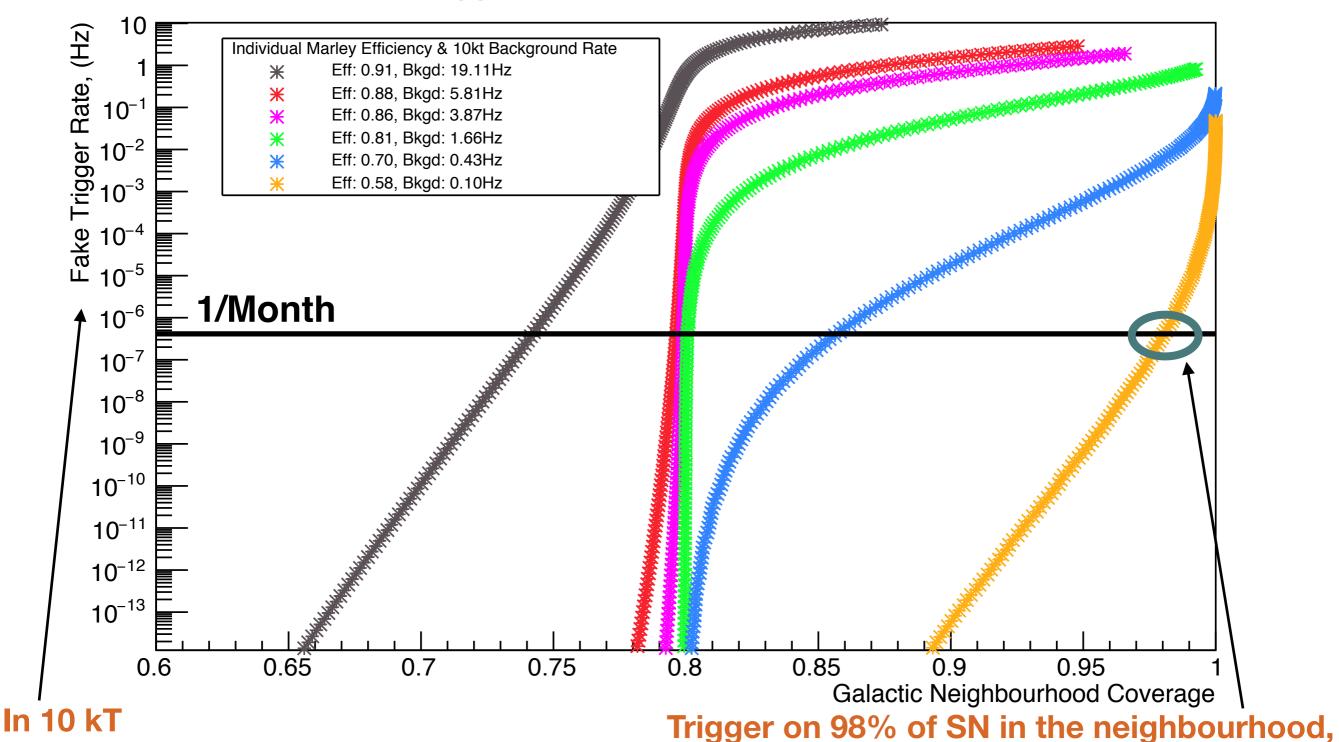
Galactic Neighbourhood Coverage



issuing 1 fake trigger per month.



Slide 1: 1/month fake trigger rate. Trade off between efficiency and this rate?



Conclusion: Can trigger on nearby SN easily.

Capturing 1/5 of SN coming from LMC requires more work and is more dependent on our assumptions (e.g. simulation of radiological backgrounds).