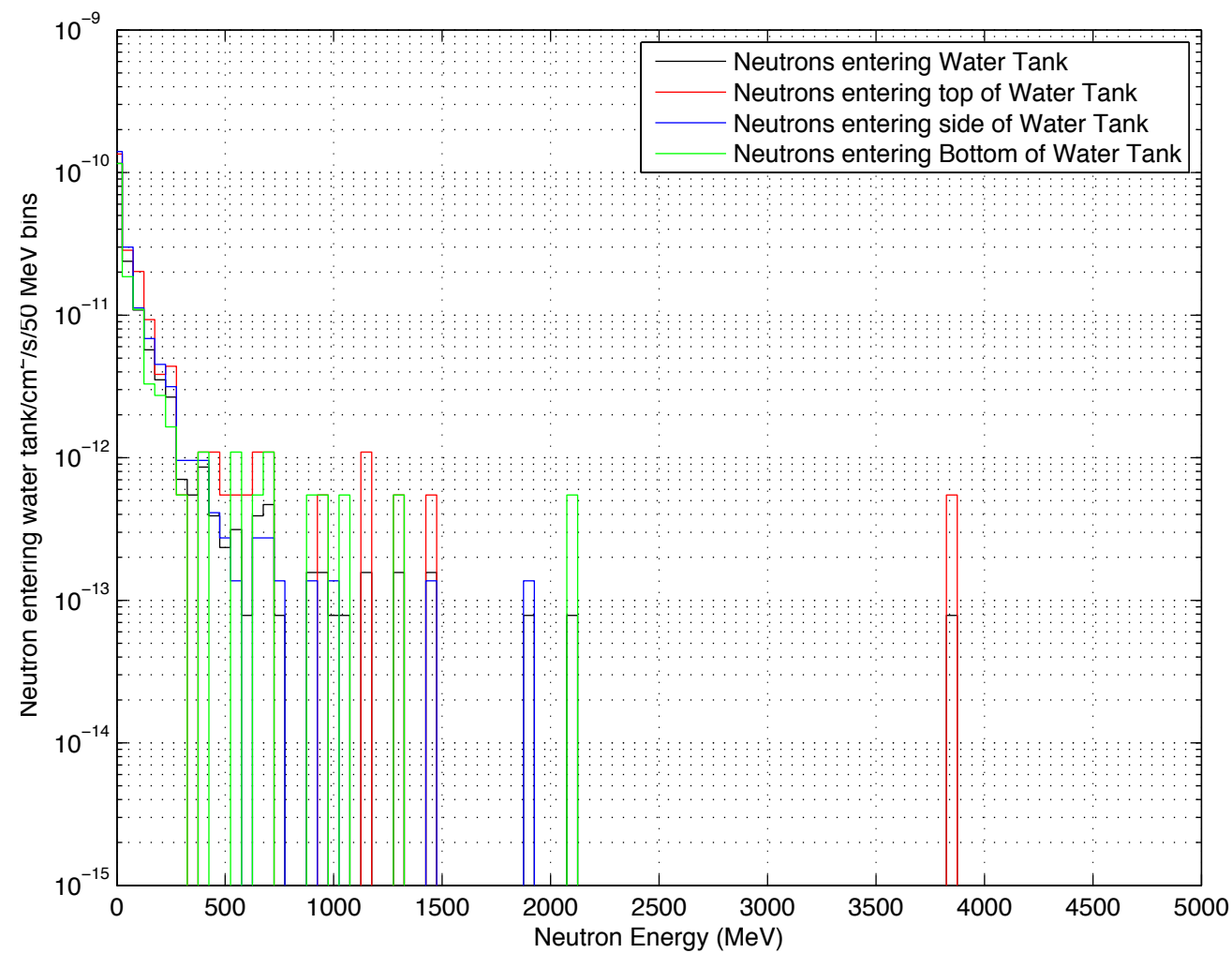
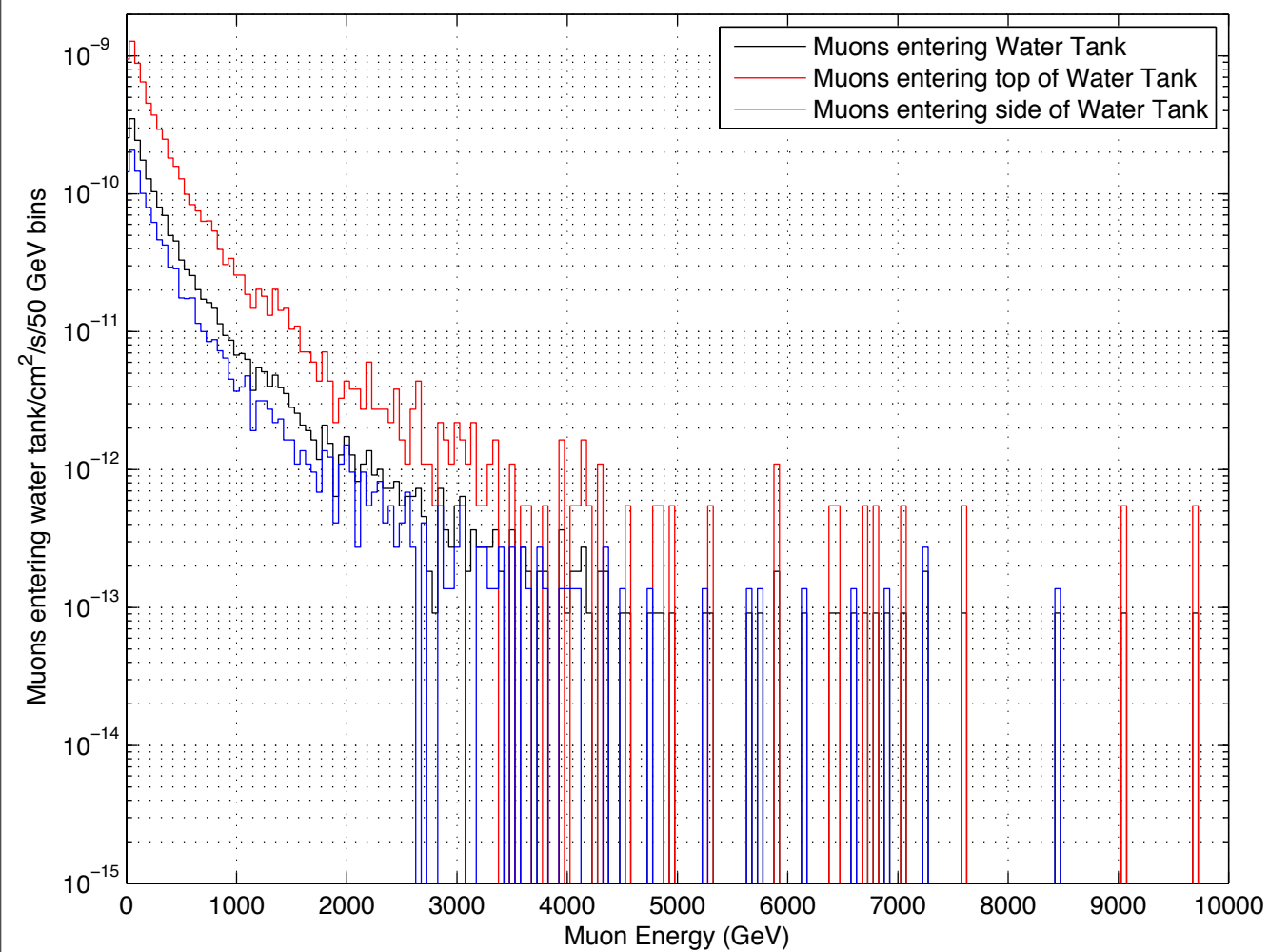


LXe Update

Monica Pangilinan
DWG Meeting
December 5, 2013

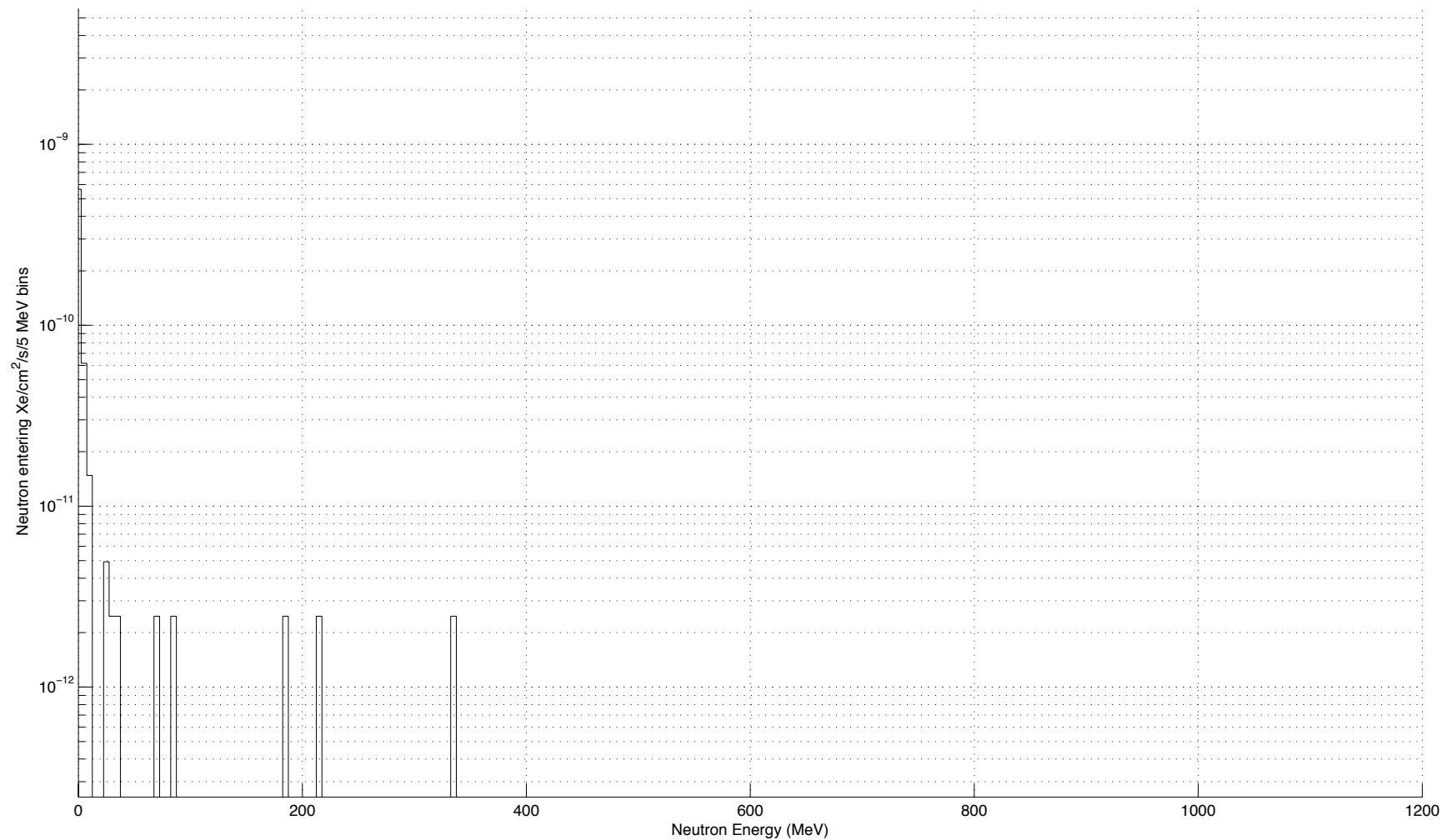
- First look: 0.5 years analyzed
- energy cuts on particles > 100 keV
- NR > 5 keVnr

Particles Entering Water Tank



	Flux entering Tank	Flux entering Top of Tank
Muon	$1.78 \times 10^{-5} \text{ mu/m}^2/\text{s}$	$6.46 \times 10^{-5} \text{ mu/m}^2/\text{s}$
Neutron	$1.96 \times 10^{-6} \text{ n/m}^2/\text{s}$	$2.11 \times 10^{-6} \text{ n/cm}^2/\text{s}$

Neutrons Entering Xenon Tank



	Flux entering Tank
Neutrons entering Xe	$6.6 \times 10^{-6} \text{ n/m}^2/\text{s}$
NR/s	1.1×10^{-4}
Single Scatter NR/s**	0 events so far

**No upper NR cut (25 keV_{nr}), EM veto, fiducial cut, or muon veto applied