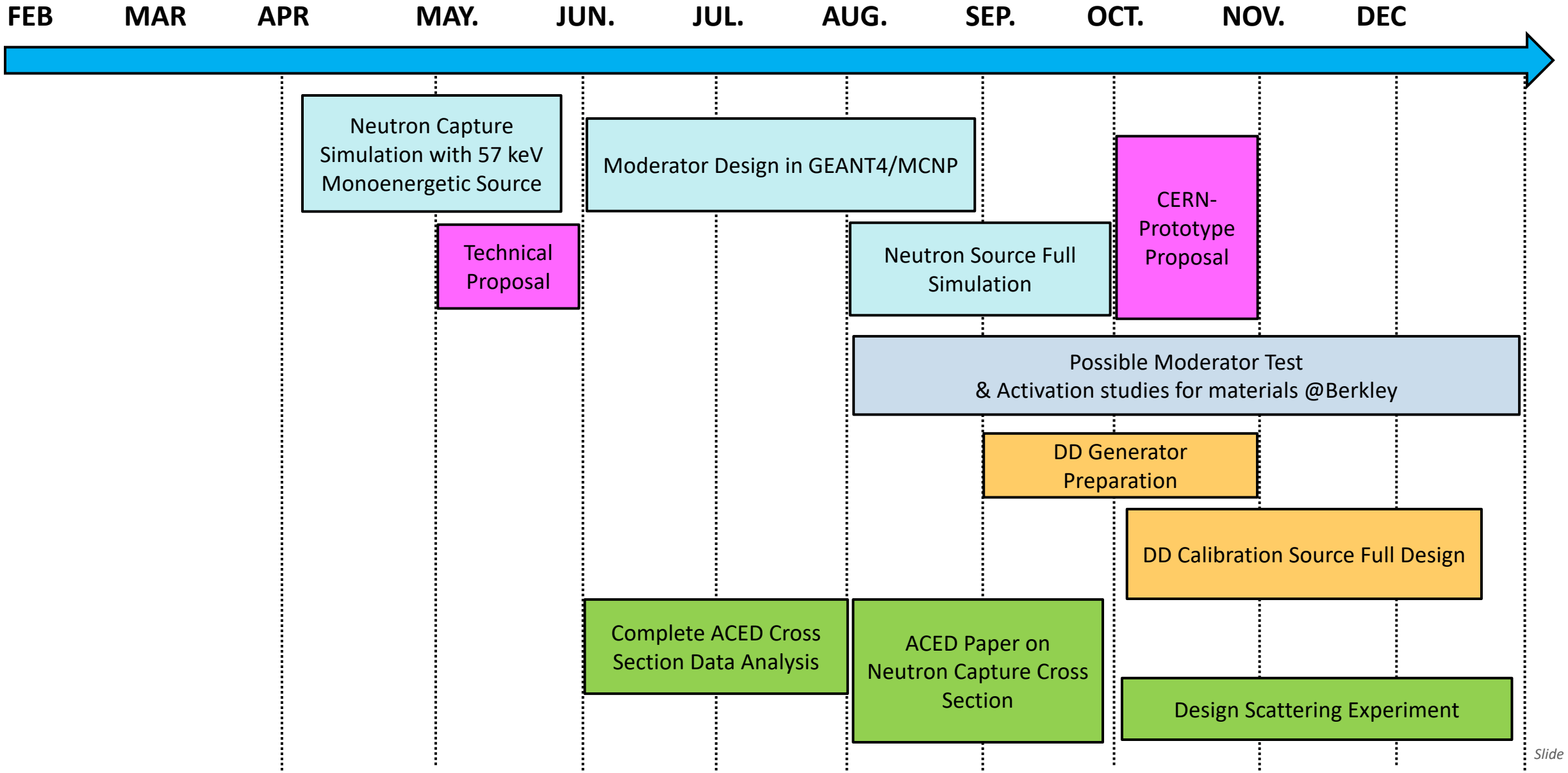


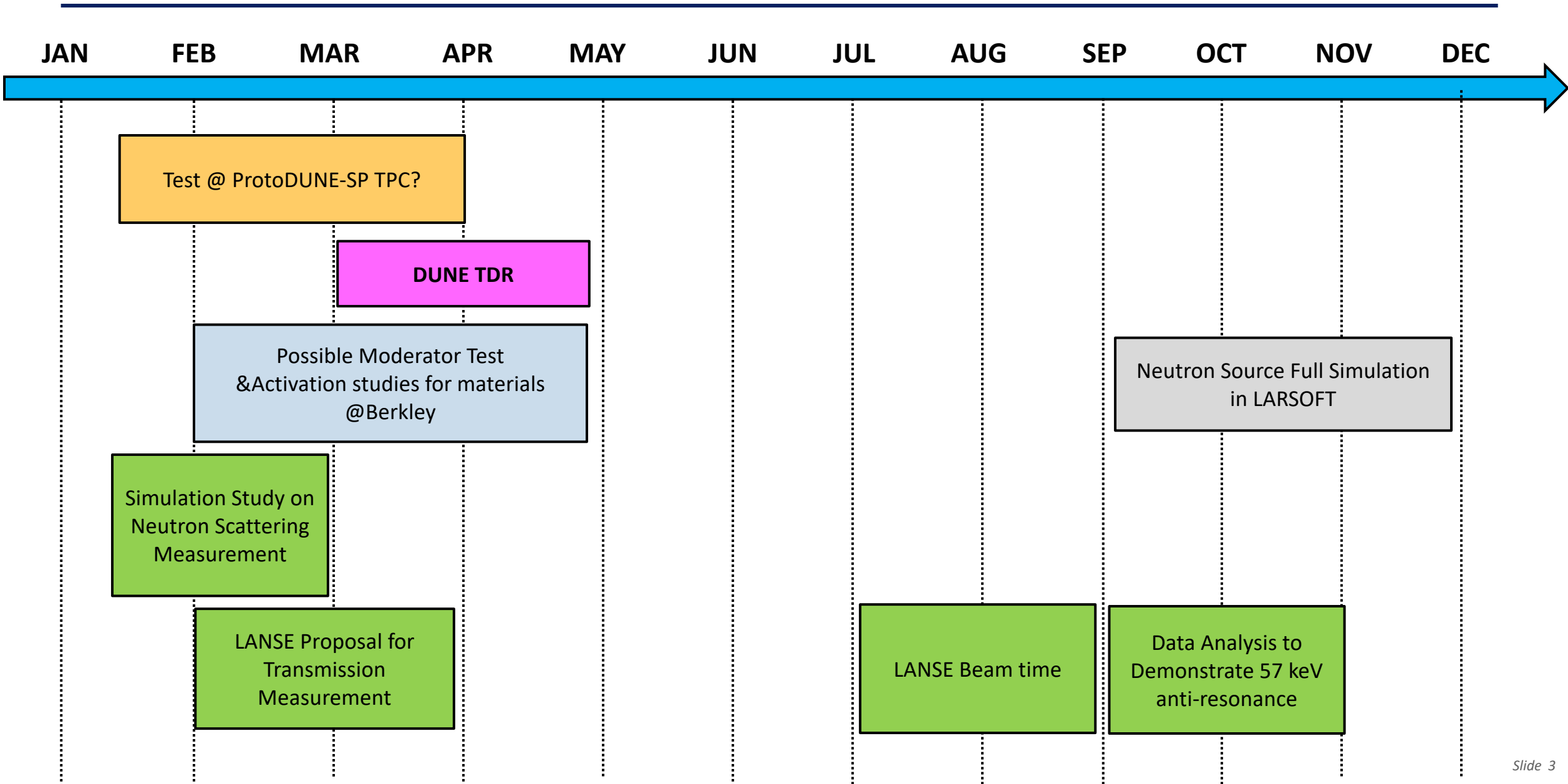
Plan for External Neutron Calibration Source

Jingbo Wang
UC Davis

Timeline 2018

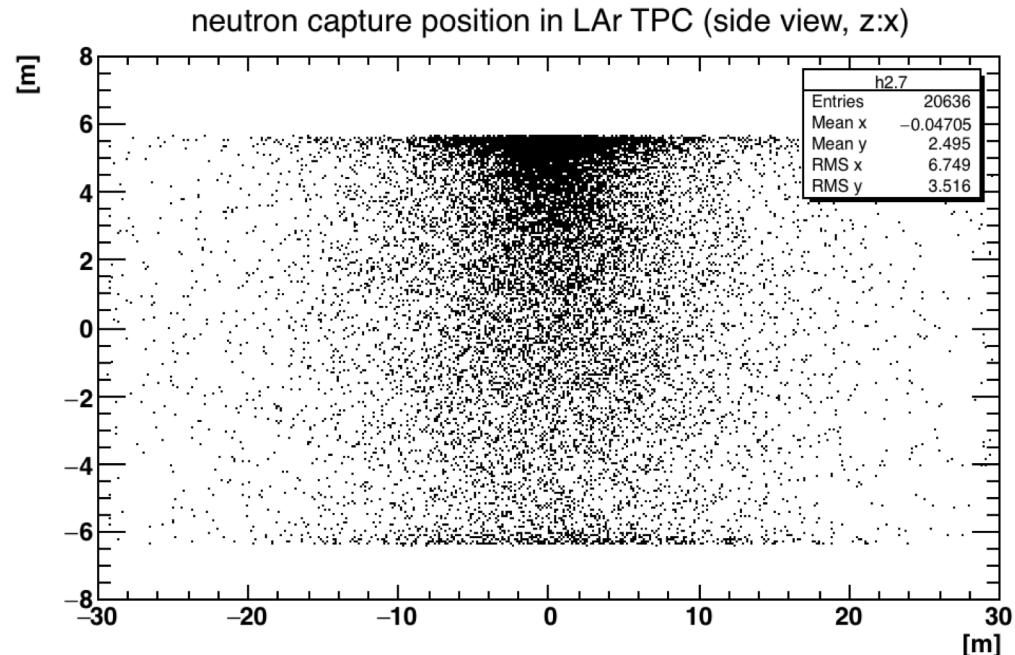
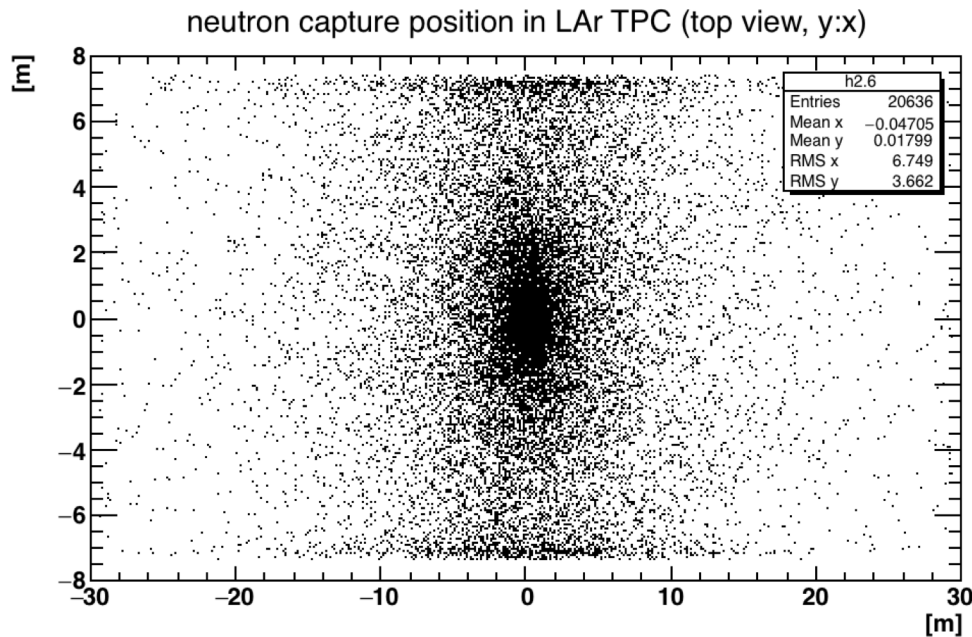
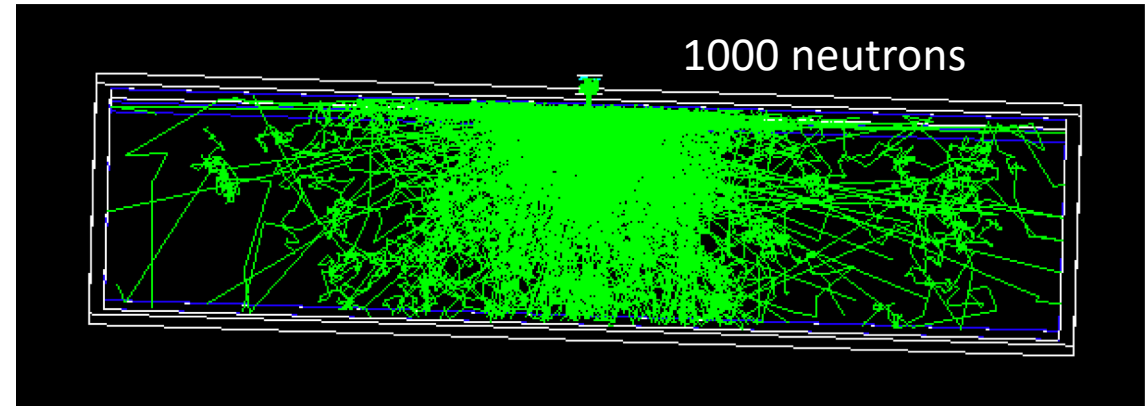


Timeline 2019



DUNE TPC

- DUNE TPC: 12m × 14.5m × 58.0m
- Neutron at the center
- 100,000 downward 73 keV neutrons
- Sulfur filter



- Two neutron sources are preferred, but one source should be able to cover the whole TPC