Porting USSR to Python

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USSR

Unified Supernova Simulation Routine

SnDaq... (Eventually)

- Supernova Data Acquistion



USSR

- Software for estimating signal increase due to supernova neutrinos.
- Can offer comparisons between different supernova types and neutrino oscillations
- Goal: Convert from C++ to Python

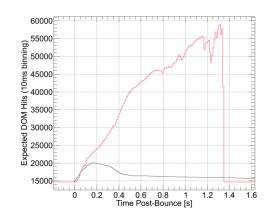


Fig. 1: Simulated DOM Hits: (Fig. by T. Kowarik)

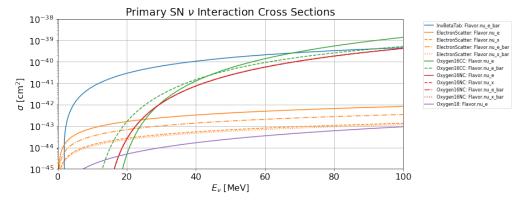


Fig. 2: Cross sections for ν interactions. (Fig. by S. BenZvi)