# Porting USSR to Python

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## USSR

– <u>Unified Supernova Simulation Routine</u>

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

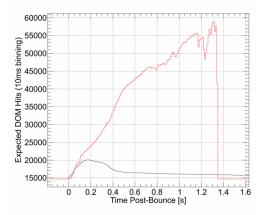
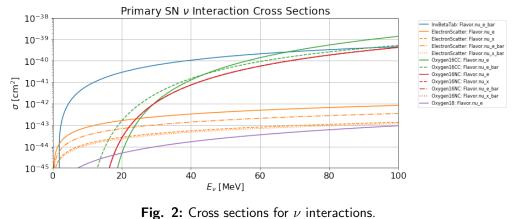


Fig. 1: Simulated DOM Hits: (Fig. by T. Kowarik) USSR



(Fig. by S. BenZvi)