

Comparing updated GCF generator to old proposal estimates.

- Goal is to match the estimates used by the proposal
- Goal is not to make the most up-to-date estimates based on current schedule
- Assumptions:
 - 2×10^7 photons/s in coherent peak
 - 5 days, 10 days, 12 days on d, He, C, respectively
 - 80% detection efficiency per particle.
 - $|t| > 2 \text{ GeV}^2$, $|u| > 2 \text{ GeV}^2$

Luminosity

	Luminosity [nb ⁻¹]
Deuterium	1.3x10 ⁴
Helium	9.8x10 ³
Carbon	3.0x10 ³

Estimated yields

	Rate with Coherent Peak Correction (2.66x) and efficiency (64%)	Proposal Rates
MF Deuterium	41,600	13,600
SRC Deuterium	3,800	750
SRC Helium	18,800	840
SRC Carbon	24,000	2,800







