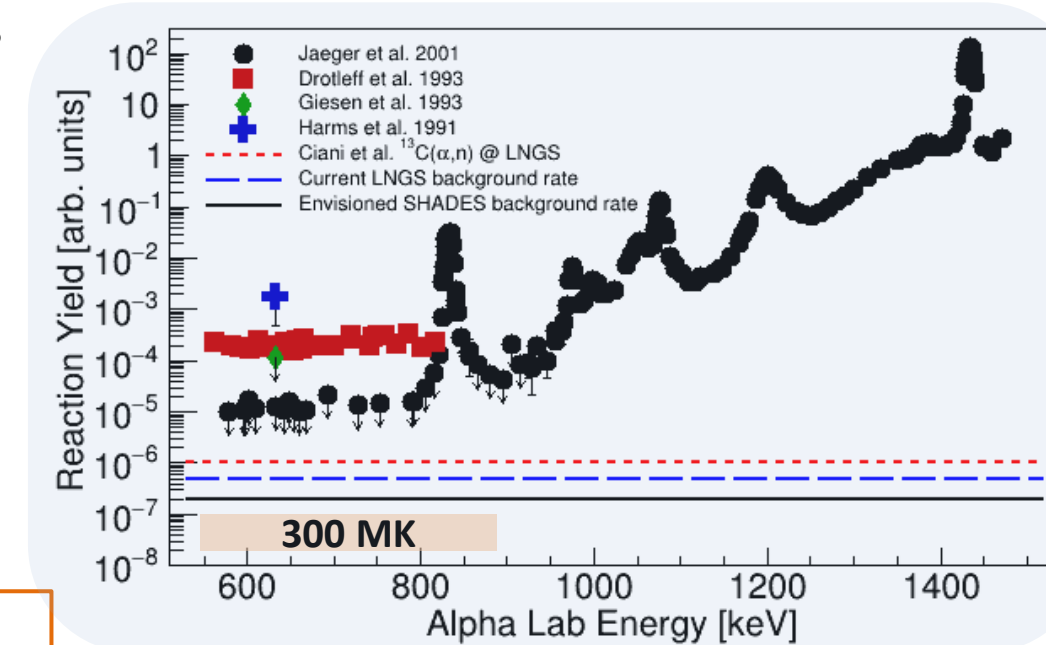
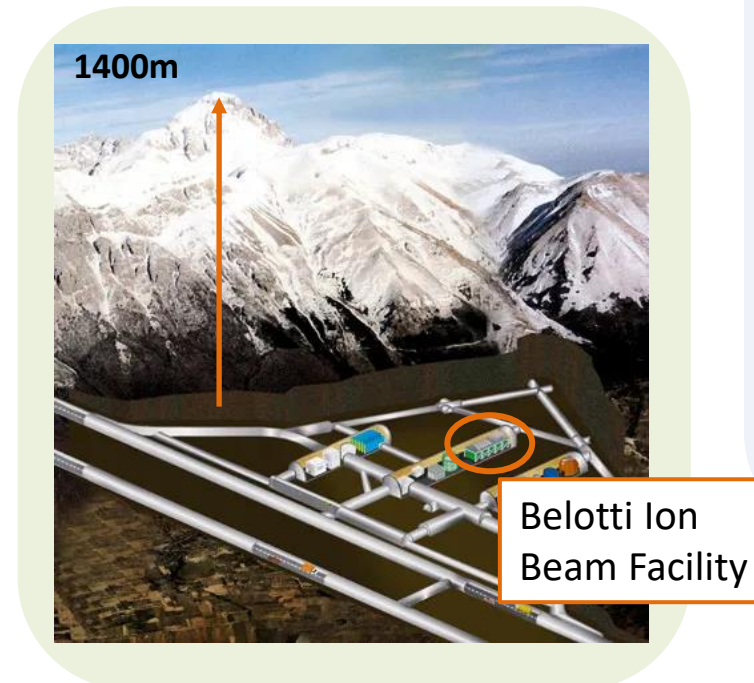
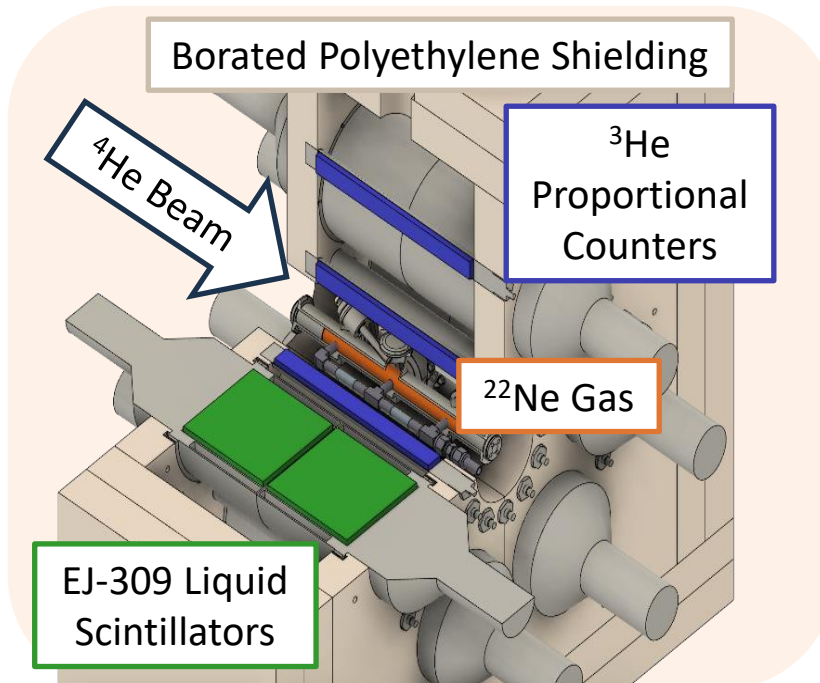


The SHADES Project: Underground Measurement of the Low Energy $^{22}\text{Ne}(\alpha, n)^{25}\text{Mg}$ Cross Section



Scintillator- ^3He Array for Deep-underground Experiments on the S-process

- $^{22}\text{Ne}(\alpha, n)^{25}\text{Mg}$ weakly constrained at Massive Star ($8M_{\odot}$) and AGB temperatures
- New experiment:
 - Low natural background
 - BPE shielding
 - n-detector array
 - Enriched ^{22}Ne gas



For preliminary analysis of source data -
see poster

