

Recipe for Testing an α -Nucleus Optical Potential

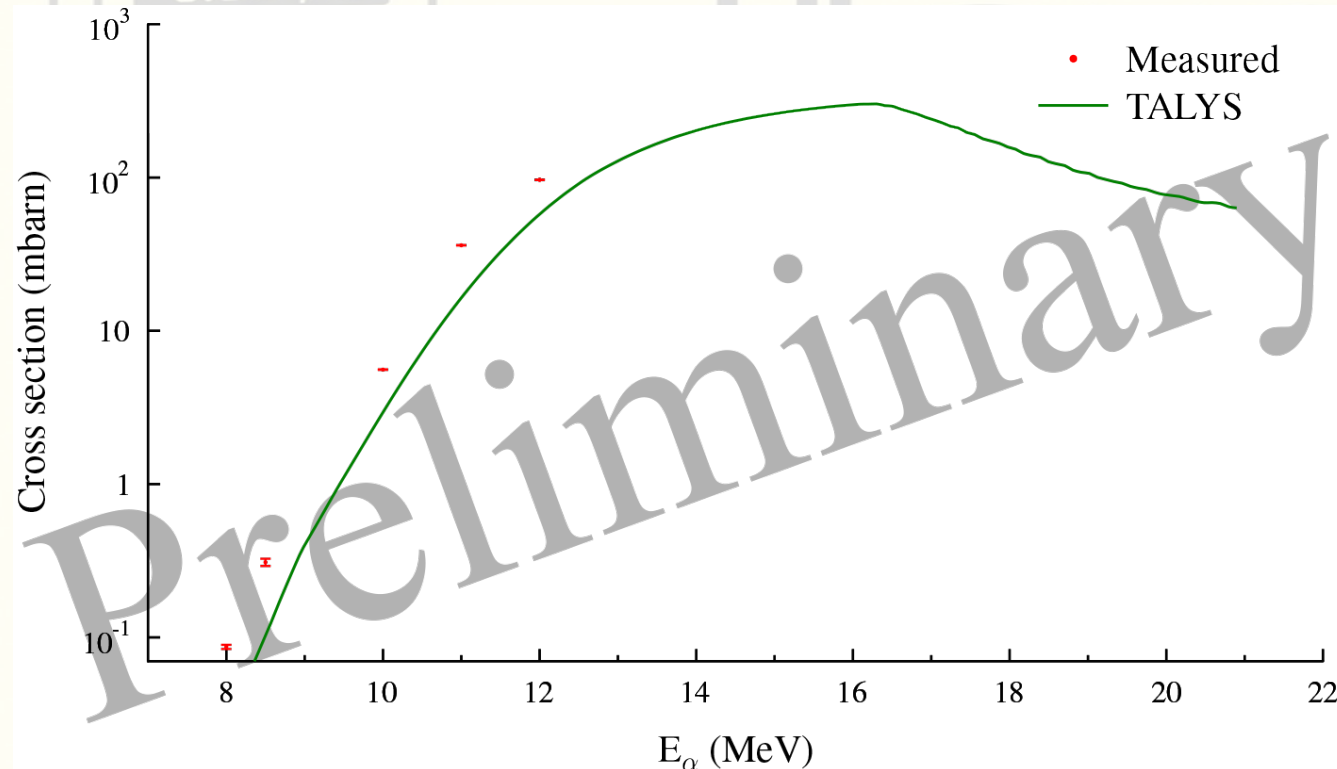
Ingredients

- Y and Ag targets (min. 5)
- 0.5–1 μA α beam
- HPGe detectors
- A pinch of RBS
- Several AOMPs



Method

1. Prepare the targets
2. Add α particles and irradiate well.
3. Wait for radioactive decay.
4. Filter and collect γ rays.
5. Extract the cross sections.
6. Mix with TALYS and see which AOMP tastes best. (Chef's suggestion: ATOMKI-V2)



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