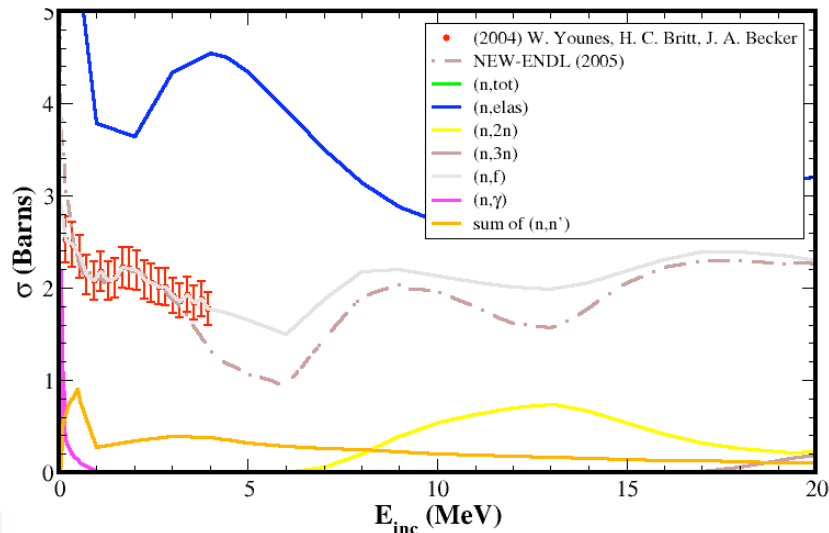
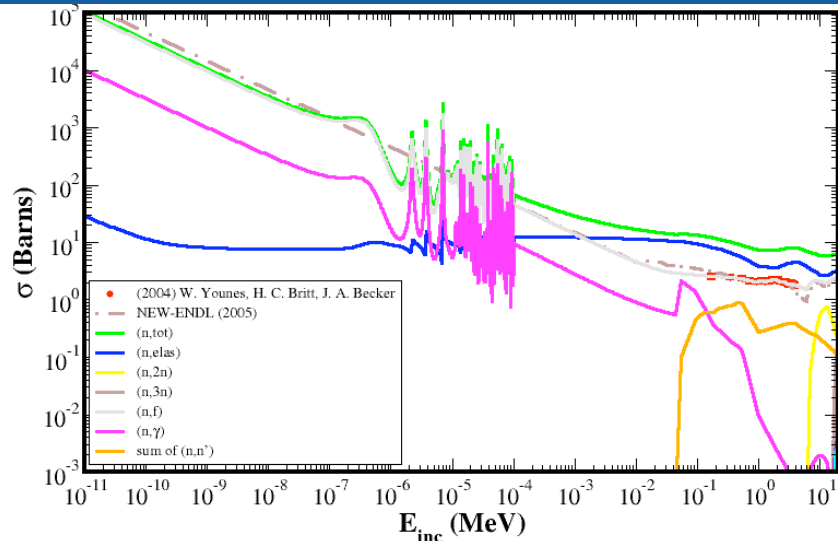


# $^{240}\text{Am}$ new evaluation



- Used TALYS + geft + endl2endf
  - OM = Soukhovitskii *et al.*
- Resonance data,  $\nu$  and fission spectrum from  $^{242}\text{Am}$  evaluation in ENDF/B-VII.0
- *Everything else* from TALYS:
  - $\sigma$ 's
  - spectra
  - $\gamma$ 's
  - angular distributions
- Tuned cross sections:
  - Fit (n,f) evaluation to Younes, Britt (n,f) data based on surrogate (t,pf)
    - rescale remaining cross sections
  - match  $\sigma$ 's onto resonances