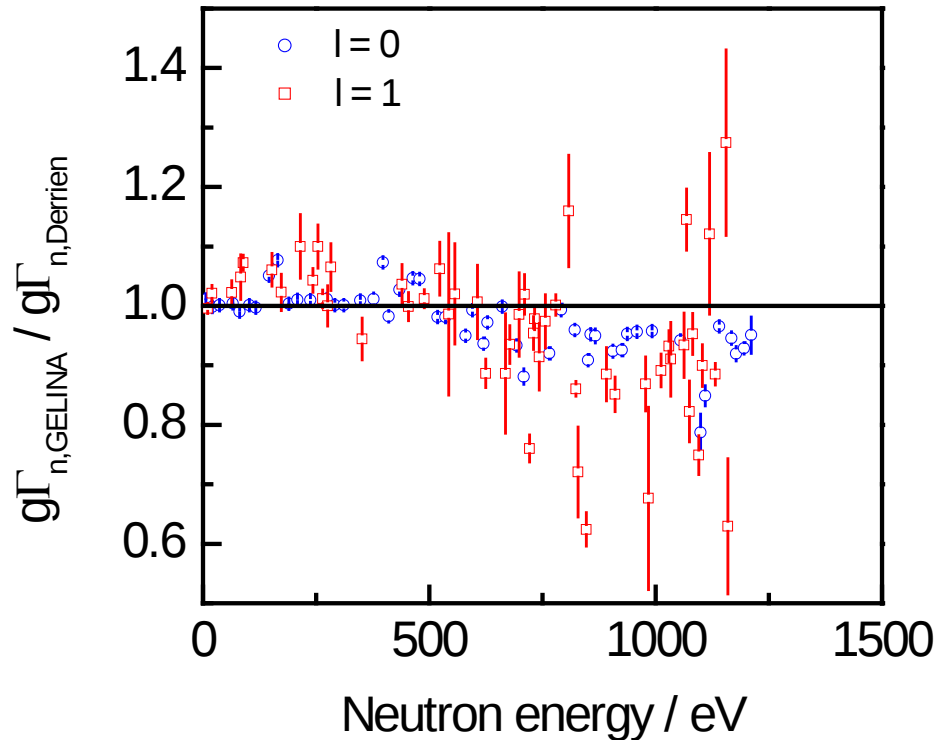




Present evaluation

- Strongly based on data from Macklin et al. and de Saussure et al., which suffer from bias effects
- New parameters for resonances < 500 eV
Kim et al., EPJA 52 (2016) 170

Status > 500 eV

- Systematic deviation above 500 eV
- Suggests for a new evaluation using recent nTOF data
 - (n,γ) : BaF_2 (Wright et al.)
 - (n,γ) : C_6D_6 (Mingrone et al.)
 - ?New (n,γ) measurements at GELINA?
 - (n,f) data