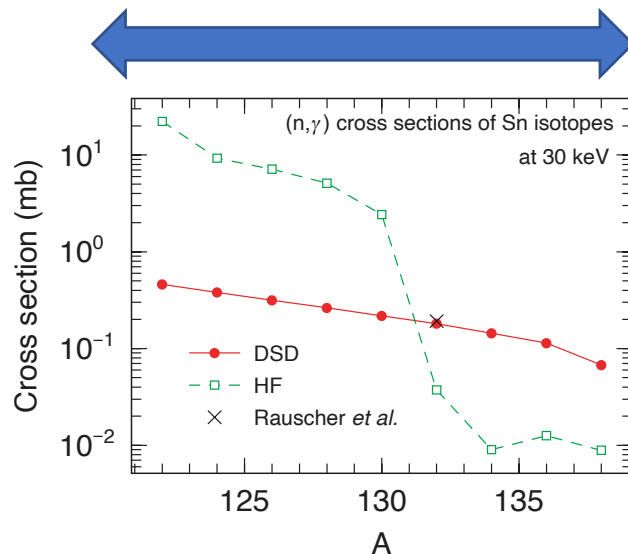


Unifying reaction theory in exotic contexts

overarching

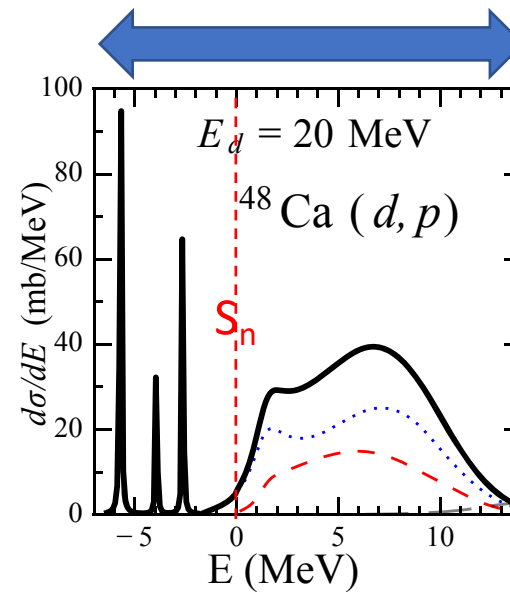
- unify structure and reaction theory (Hebborn, Kravvaris, Escher)
- Uncertainty Quantification (Nunes)

compound vs direct



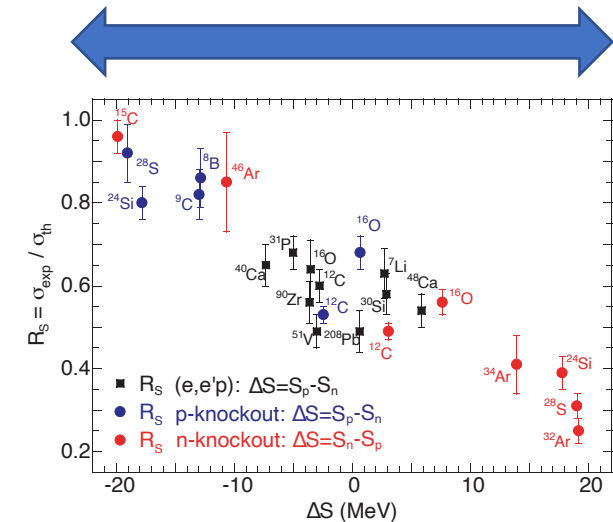
- particle capture away from stability
- beta-delayed neutron emission
- reaction networks, astrophysics (Mc Laughlin, Chipps)

bound vs unbound



- nuclear spectroscopy of the continuum
- reactions towards the driplines
- Dispersive OPs (Hebborn) [arXiv:2210.07293](https://arxiv.org/abs/2210.07293)

isospin symmetric vs asymmetric



- quenching of spectroscopic factors (Macchiavelli) [arXiv:2211.06281](https://arxiv.org/abs/2211.06281)
- short-range correlations
- knockout reactions beyond sudden approximation