

^2H – update from Team Deuterium (*We're #2!!*)

- New nuclear theory calculations (L. Canton, J. Svenne)
 - various potentials: BonnB, CDBonn, AV18, BEST2000, CDBest2000
 - with & without 3NF: little impact
 - $\sigma_{\text{elastic}}(E)$, $P(E,\mu)$, $\sigma_{(n,2n)}(E)$; 50 keV to ~20 MeV
 - To come: magnetic interaction, extension to lower energies
- Preliminary testing against ZED-2 CVR measurements suggests ENDF/B-VII.0, though flawed, still gives lowest calculation bias; extend to DCA benchmarks in ICSBEP
- New (n,d) measurements at GELINA planned for 2009 (A. Plompen, M. Stanoiu)