

# VII.1 Release - 2010 Planned (2009-2010 = testing)

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## Covariance data upgrades

### Actinides:

- Fission spectra studies (theory, experiment, integral feedback)
- (New precision TPC fission cross sections beyond 2010)
- Geel spectra data for 235; LANL new FIGARO update
- 14 MeV preequilibrium & inelastic spectra (incl. Bethe spheres)
- Others? 240Pu upgrade? 237Np
- Pu thermal (solution criticals) - still no plans to work on this?
- Americium upgrades
- 235U capture if WPEC subroup has recommendation (+testing)
- 235U inelastic if we have refinements (+testing) - thresh. reac rates; Np-U

**9Be** - fix R-matrix evaluation, use RPI data; improve integral performance

**Ti, V** and others

**W, Fe** +(Pb,Cu?) cases where B/VII.0 showed

**Deuterium** - study as necessary (1-3 MeV angular distributions)

**FP yields** - LANL issue/ E&R upgrade?