File 2 Scattering Radius

- Present interpretation: if APL is used and all levels are specified, AP is not required
- Inconsistent with Section 2.1 for non-resonant isotopes:
 No resonance parameters are given except for the scattering radius AP.

 AP is included for the convenience of users who need an estimate of the potential scattering cross section. It is not used to calculate a contribution to the scattering cross section, which in this case is represented entirely in File 3.
- AP also provided for all other File 2 formats in use now
- The need to calculate a potential scattering XS is not limited to non-resonant isotopes

File 2 Scattering Radius

- Provides consistency with other resonance formats by requiring AP for all presently used resonance formats