Release notes for ENDF/B Development dec-056_Ba_150 evaluation

October 13, 2016

- `fizcon` Errors:

  1. All probability distributions should be normalized to 1, this one isn't.
     MAT=1861, MF= 8, MT=457 (1): Bad norm (b)

     ```
     ERROR(S) FOUND IN MAT=1861, MF= 8, MT=457
        NORMALIZATION CHECK INTEGRAL= 1.00253E+00 BEFORE
     ```

  2. Energies released in decay not adding up!
     MAT=1861, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1861, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 6.15997E+06  SUM= 3.59163E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1861, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1861, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.58146E+06  SUM= 1.60172E+06
     ```

  4. Energies released in decay not adding up!
     MAT=1861, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1861, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.98220E+06  SUM= 1.98719E+06
     ```

  5. Energies released in decay not adding up!
     MAT=1861, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1861, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.64458E+03  SUM= 2.71293E+03
     ```