Release notes for ENDF/B Development dec-055_Cs_150 evaluation

October 13, 2016

- `fizcon` Errors:

  1. All probability distributions should be normalized to 1, this one isn't.
     MAT=1815, MF= 8, MT=457 (1): Bad norm (b)

     ```
     ERROR(S) FOUND IN MAT=1815, MF= 8, MT=457
        NORMALIZATION CHECK INTEGRAL= 1.00216E+00 BEFORE
     ```

  2. Energies released in decay not adding up!
     MAT=1815, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1815, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 6.95547E+06  SUM= 3.85850E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1815, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1815, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 9.41770E+05  SUM= 9.52936E+05
     ```

  4. Energies released in decay not adding up!
     MAT=1815, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1815, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00622E+00  SUM= 1.00026E+00
     ```

  5. Energies released in decay not adding up!
     MAT=1815, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1815, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.46931E+06  SUM= 2.47432E+06
     ```

  6. Energies released in decay not adding up!
     MAT=1815, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1815, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 8.47558E-01  SUM= 8.46292E-01
     ```

  7. Energies released in decay not adding up!
     MAT=1815, MF= 8, MT=457 (7): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1815, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 4.24116E+05  SUM= 4.31246E+05
     ```