Release notes for ENDF/B Development dec-058_Ce_156 evaluation

October 13, 2016

- `fizcon` Errors:

  1. All probability distributions should be normalized to 1, this one isn't.
     MAT=1959, MF= 8, MT=457 (1): Bad norm (b)

     ```
     ERROR(S) FOUND IN MAT=1959, MF= 8, MT=457
        NORMALIZATION CHECK INTEGRAL= 1.01576E+00 BEFORE
     ```

  2. Energies released in decay not adding up!
     MAT=1959, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1959, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 6.54960E+06  SUM= 3.71802E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1959, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1959, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.47723E+06  SUM= 1.49765E+06
     ```

  4. Energies released in decay not adding up!
     MAT=1959, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1959, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00000E+00  SUM= 1.00031E+00
     ```

  5. Energies released in decay not adding up!
     MAT=1959, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1959, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.21354E+06  SUM= 2.21854E+06
     ```

  6. Energies released in decay not adding up!
     MAT=1959, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1959, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 6.27900E-03  SUM= 6.37797E-03
     ```

  7. Energies released in decay not adding up!
     MAT=1959, MF= 8, MT=457 (7): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1959, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.78501E+03  SUM= 1.82860E+03
     ```