Release notes for ENDF/B Development dec-035_Br_093 evaluation

October 14, 2016

- `fizcon` Errors:

  1. Parity set to illegal value
     MAT= 857, MF= 8, MT=457 (1): Bad parity

     ```
     ERROR(S) FOUND IN MAT= 857, MF= 8, MT=457
        PARITY= 0.00000E+00 NOT +1.0 OR -1.0
     ```

  2. Energies released in decay not adding up!
     MAT= 857, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 857, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 1.03678E+07  SUM= 5.41383E+06
     ```

  3. Energies released in decay not adding up!
     MAT= 857, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 857, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 8.51161E+05  SUM= 8.65021E+05
     ```

  4. Energies released in decay not adding up!
     MAT= 857, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 857, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 4.38017E+06  SUM= 4.38516E+06
     ```

  5. Energies released in decay not adding up!
     MAT= 857, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 857, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 2.66216E-01  SUM= 2.66268E-01
     ```

  6. Energies released in decay not adding up!
     MAT= 857, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 857, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.60536E+05  SUM= 1.63643E+05
     ```