Release notes for ENDF/B Development dec-059_Pr_155 evaluation

October 13, 2016

- `fizcon` Errors:

  1. Generic error message
     MAT=2001, MF= 8, MT=457 (1): Error

     ```
     ERROR(S) FOUND IN MAT=2001, MF= 8, MT=457
        E(MAXIMUM) > Q  E= 1.84000E+06  Q= 1.83600E+06
     ```

  2. Energies released in decay not adding up!
     MAT=2001, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=2001, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 6.67932E+06  SUM= 3.85627E+06
     ```

  3. Energies released in decay not adding up!
     MAT=2001, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=2001, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.63490E+06  SUM= 1.65373E+06
     ```

  4. Energies released in decay not adding up!
     MAT=2001, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=2001, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00000E+00  SUM= 1.00037E+00
     ```

  5. Energies released in decay not adding up!
     MAT=2001, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=2001, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.19656E+06  SUM= 2.20156E+06
     ```

  6. Energies released in decay not adding up!
     MAT=2001, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=2001, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 9.63874E+02  SUM= 9.80251E+02
     ```