Release notes for ENDF/B Development dec-039_Y_107 evaluation

October 14, 2016

- `fizcon` Errors:

  1. Energies released in decay not adding up!
     MAT=1023, MF= 8, MT=457 (1): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1023, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 1.07355E+07  SUM= 5.72694E+06
     ```

  2. Energies released in decay not adding up!
     MAT=1023, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1023, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.12071E+06  SUM= 1.13823E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1023, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1023, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00115E+00  SUM= 1.00005E+00
     ```

  4. Energies released in decay not adding up!
     MAT=1023, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1023, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 4.40971E+06  SUM= 4.41471E+06
     ```

  5. Energies released in decay not adding up!
     MAT=1023, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1023, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 3.54048E-01  SUM= 3.53510E-01
     ```

  6. Energies released in decay not adding up!
     MAT=1023, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1023, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.70585E+05  SUM= 1.73993E+05
     ```