Release notes for ENDF/B Development dec-039_Y_106 evaluation

October 13, 2016

- `fizcon` Errors:

  1. Energies released in decay not adding up!
     MAT=1022, MF= 8, MT=457 (1): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1022, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 1.16108E+07  SUM= 6.95073E+06
     ```

  2. Energies released in decay not adding up!
     MAT=1022, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1022, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.76856E+06  SUM= 2.78768E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1022, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1022, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00418E+00  SUM= 1.00006E+00
     ```

  4. Energies released in decay not adding up!
     MAT=1022, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1022, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 4.07475E+06  SUM= 4.07975E+06
     ```

  5. Energies released in decay not adding up!
     MAT=1022, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1022, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 2.46638E-01  SUM= 2.44552E-01
     ```

  6. Energies released in decay not adding up!
     MAT=1022, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1022, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 8.12800E+04  SUM= 8.32957E+04
     ```