Release notes for ENDF/B Development dec-053_I_144 evaluation

October 13, 2016

- `fizcon` Errors:

  1. Energies released in decay not adding up!
     MAT=1712, MF= 8, MT=457 (1): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1712, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 9.35155E+06  SUM= 5.47502E+06
     ```

  2. Energies released in decay not adding up!
     MAT=1712, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1712, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.01387E+06  SUM= 2.03082E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1712, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1712, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.01081E+00  SUM= 1.00016E+00
     ```

  4. Energies released in decay not adding up!
     MAT=1712, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1712, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.21749E+06  SUM= 3.22249E+06
     ```

  5. Energies released in decay not adding up!
     MAT=1712, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1712, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 3.75714E-01  SUM= 3.70325E-01
     ```

  6. Energies released in decay not adding up!
     MAT=1712, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1712, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.18310E+05  SUM= 2.21714E+05
     ```