Release notes for ENDF/B Development dec-049_In_134 evaluation

October 14, 2016

- `fizcon` Errors:

  1. Generic error message
     MAT=1517, MF= 8, MT=457 (1): Error

     ```
     ERROR(S) FOUND IN MAT=1517, MF= 8, MT=457
        E(MAXIMUM) > Q  E= 1.42900E+07  Q= 1.07520E+07
     ```

  2. Energies released in decay not adding up!
     MAT=1517, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1517, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 9.65930E+06  SUM= 6.06296E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1517, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1517, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 7.40624E+05  SUM= 7.44774E+05
     ```

  4. Energies released in decay not adding up!
     MAT=1517, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1517, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.92208E+00  SUM= 1.00015E+00
     ```

  5. Energies released in decay not adding up!
     MAT=1517, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1517, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.98789E+06  SUM= 2.99290E+06
     ```

  6. Energies released in decay not adding up!
     MAT=1517, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1517, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.92208E+00  SUM= 1.46121E+00
     ```

  7. Energies released in decay not adding up!
     MAT=1517, MF= 8, MT=457 (7): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1517, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.30048E+06  SUM= 2.32530E+06
     ```