Release notes for ENDF/B Development dec-052_Te_139 evaluation

October 13, 2016

- `fizcon` Errors:

  1. Parity set to illegal value
     MAT=1664, MF= 8, MT=457 (1): Bad parity

     ```
     ERROR(S) FOUND IN MAT=1664, MF= 8, MT=457
        PARITY= 0.00000E+00 NOT +1.0 OR -1.0
     ```

  2. Energies released in decay not adding up!
     MAT=1664, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1664, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 8.04234E+06  SUM= 4.95571E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1664, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1664, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.43991E+06  SUM= 2.45722E+06
     ```

  4. Energies released in decay not adding up!
     MAT=1664, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1664, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00000E+00  SUM= 1.00023E+00
     ```

  5. Energies released in decay not adding up!
     MAT=1664, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1664, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.48354E+06  SUM= 2.48854E+06
     ```

  6. Energies released in decay not adding up!
     MAT=1664, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1664, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 2.03840E-02  SUM= 2.04002E-02
     ```

  7. Energies released in decay not adding up!
     MAT=1664, MF= 8, MT=457 (7): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1664, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 9.78090E+03  SUM= 9.95518E+03
     ```