Release notes for ENDF/B Development dec-042_Mo_107 evaluation

October 13, 2016

- `fizcon` Errors:

  1. Parity set to illegal value
     MAT=1139, MF= 8, MT=457 (1): Bad parity

     ```
     ERROR(S) FOUND IN MAT=1139, MF= 8, MT=457
        PARITY= 0.00000E+00 NOT +1.0 OR -1.0
     ```

  2. Energies released in decay not adding up!
     MAT=1139, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1139, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 6.18516E+06  SUM= 3.02674E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1139, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1139, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.87476E+05  SUM= 4.06864E+05
     ```

  4. Energies released in decay not adding up!
     MAT=1139, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1139, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00000E+00  SUM= 1.00016E+00
     ```

  5. Energies released in decay not adding up!
     MAT=1139, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1139, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.61487E+06  SUM= 2.61987E+06
     ```