Release notes for ENDF/B Development dec-048_Cd_127 evaluation

October 14, 2016

- `fizcon` Errors:

  1. Parity set to illegal value
     MAT=1435, MF= 8, MT=457 (1): Bad parity

     ```
     ERROR(S) FOUND IN MAT=1435, MF= 8, MT=457
        PARITY= 0.00000E+00 NOT +1.0 OR -1.0
     ```

  2. Generic error message
     MAT=1435, MF= 8, MT=457 (2): Error

     ```
     ERROR(S) FOUND IN MAT=1435, MF= 8, MT=457
        E(MAXIMUM) > Q  E= 1.31000E+06  Q= 1.30704E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1435, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1435, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 8.45270E+06  SUM= 6.57203E+06
     ```

  4. Energies released in decay not adding up!
     MAT=1435, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1435, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 5.13881E+06  SUM= 5.16437E+06
     ```

  5. Energies released in decay not adding up!
     MAT=1435, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1435, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00000E+00  SUM= 1.00070E+00
     ```

  6. Energies released in decay not adding up!
     MAT=1435, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1435, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.40245E+06  SUM= 1.40745E+06
     ```

  7. Energies released in decay not adding up!
     MAT=1435, MF= 8, MT=457 (7): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1435, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.09403E+02  SUM= 2.13876E+02
     ```