Release notes for ENDF/B Development dec-057_La_149 evaluation

October 13, 2016

- `fizcon` Errors:

  1. Parity set to illegal value
     MAT=1907, MF= 8, MT=457 (1): Bad parity

     ```
     ERROR(S) FOUND IN MAT=1907, MF= 8, MT=457
        PARITY= 0.00000E+00 NOT +1.0 OR -1.0
     ```

  2. Energies released in decay not adding up!
     MAT=1907, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1907, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 6.38790E+06  SUM= 4.33426E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1907, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1907, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.79523E+06  SUM= 2.81230E+06
     ```

  4. Energies released in decay not adding up!
     MAT=1907, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1907, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.51028E+06  SUM= 1.51528E+06
     ```

  5. Energies released in decay not adding up!
     MAT=1907, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1907, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 6.55795E+03  SUM= 6.67465E+03
     ```