Release notes for ENDF/B Development dec-040_Zr_109 evaluation

October 13, 2016

- `fizcon` Errors:

  1. Energies released in decay not adding up!
     MAT=1060, MF= 8, MT=457 (1): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1060, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 1.02959E+07  SUM= 6.46160E+06
     ```

  2. Energies released in decay not adding up!
     MAT=1060, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1060, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.14020E+06  SUM= 3.16276E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1060, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1060, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.27097E+06  SUM= 3.27597E+06
     ```

  4. Energies released in decay not adding up!
     MAT=1060, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1060, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.23777E+04  SUM= 2.28683E+04
     ```