Release notes for ENDF/B Development dec-040_Zr_110 evaluation

October 13, 2016

- `fizcon` Errors:

  1. Generic error message
     MAT=1061, MF= 8, MT=457 (1): Error

     ```
     ERROR(S) FOUND IN MAT=1061, MF= 8, MT=457
          DQ NOT IN RANGE  0.00000E+00 TO  5.35748E+05
     ```

  2. Energies released in decay not adding up!
     MAT=1061, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1061, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 9.15897E+06  SUM= 5.15430E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1061, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1061, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.65337E+06  SUM= 1.67404E+06
     ```

  4. Energies released in decay not adding up!
     MAT=1061, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1061, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.43574E+06  SUM= 3.44074E+06
     ```

  5. Energies released in decay not adding up!
     MAT=1061, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1061, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.88079E+04  SUM= 3.95150E+04
     ```