Release notes for ENDF/B Development dec-062_Sm_164 evaluation

October 13, 2016

- `fizcon` Errors:

  1. Generic error message
     MAT=2140, MF= 8, MT=457 (1): Error

     ```
     ERROR(S) FOUND IN MAT=2140, MF= 8, MT=457
          DQ NOT IN RANGE  0.00000E+00 TO  5.51000E+05
     ```

  2. Energies released in decay not adding up!
     MAT=2140, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=2140, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 5.24100E+06  SUM= 3.05383E+06
     ```

  3. Energies released in decay not adding up!
     MAT=2140, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=2140, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.42459E+06  SUM= 1.44544E+06
     ```

  4. Energies released in decay not adding up!
     MAT=2140, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=2140, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00000E+00  SUM= 1.00056E+00
     ```

  5. Energies released in decay not adding up!
     MAT=2140, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=2140, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.60339E+06  SUM= 1.60839E+06
     ```

  6. Energies released in decay not adding up!
     MAT=2140, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=2140, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 3.83110E-12  SUM= 1.00000E+00
     ```