Release notes for ENDF/B Development dec-056_Ba_152 evaluation

October 13, 2016

- `fizcon` Errors:

  1. Energies released in decay not adding up!
     MAT=1863, MF= 8, MT=457 (1): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1863, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 7.17158E+06  SUM= 4.13890E+06
     ```

  2. Energies released in decay not adding up!
     MAT=1863, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1863, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.68601E+06  SUM= 1.70644E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1863, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1863, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00000E+00  SUM= 1.00026E+00
     ```

  4. Energies released in decay not adding up!
     MAT=1863, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1863, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.40986E+06  SUM= 2.41485E+06
     ```

  5. Energies released in decay not adding up!
     MAT=1863, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1863, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 5.01460E-02  SUM= 5.01864E-02
     ```

  6. Energies released in decay not adding up!
     MAT=1863, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1863, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.72348E+04  SUM= 1.76025E+04
     ```