Release notes for ENDF/B Development dec-083_Bi_188 evaluation

October 14, 2016

- `fizcon` Errors:

  1. At least one gamma ray needed for given source mode
     MAT=3141, MF= 8, MT=457 (1): Need gamma ray

     ```
     ERROR(S) FOUND IN MAT=3141, MF= 8, MT=457
        GAMMA RAY NEEDED, SOURCE MODE=     4
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     ```

  2. Energies released in decay not adding up!
     MAT=3141, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=3141, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 7.25900E+06  SUM= 7.32051E+06
     ```

  3. Energies released in decay not adding up!
     MAT=3141, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=3141, MF= 8, MT=457
        PARTICLE ENERGY (AE) SUMUP FAILURE
            WHOLE= 7.31709E+06  SUM= 7.16465E+06         SEQUENCE NUMBER     2
     ```

  4. Energies released in decay not adding up!
     MAT=3141, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=3141, MF= 8, MT=457
        ALPHA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00000E+00  SUM= 1.02440E+00
     ```

  5. Energies released in decay not adding up!
     MAT=3141, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=3141, MF= 8, MT=457
        ALPHA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 7.16465E+06  SUM= 7.32051E+06
     ```