Release notes for ENDF/B Development dec-091_Pa_217 evaluation

October 13, 2016

- `fizcon` Errors:

  1. At least one gamma ray needed for given source mode
     MAT=3472, MF= 8, MT=457 (1): Need gamma ray

     ```
     ERROR(S) FOUND IN MAT=3472, MF= 8, MT=457
        GAMMA RAY NEEDED, SOURCE MODE=     4
        GAMMA RAY NEEDED, SOURCE MODE=     4
        GAMMA RAY NEEDED, SOURCE MODE=     4
     ```

  2. Energies released in decay not adding up!
     MAT=3472, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=3472, MF= 8, MT=457
        PARTICLE ENERGY (AE) SUMUP FAILURE
            WHOLE= 8.48400E+06  SUM= 8.33045E+06         SEQUENCE NUMBER     2
     ```

  3. Energies released in decay not adding up!
     MAT=3472, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=3472, MF= 8, MT=457
        ALPHA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 8.33045E+06  SUM= 8.48698E+06
     ```