# Release notes for ENDF/B Development dec-089_Ac_226 evaluation

May 2, 2017

- `fizcon` Errors:

  1. Parity set to illegal value
     *MAT=3426, MF= 8, MT=457 (1): Bad parity*

     ```
     ERROR(S) FOUND IN MAT=3426, MF= 8, MT=457
        PARITY= 0.00000E+00 NOT +1.0 OR -1.0             SEQUENCE NUMBER     4
     ```

  2. Energies released in decay not adding up!
     *MAT=3426, MF= 8, MT=457 (2): Bad energy sum*

     ```
     ERROR(S) FOUND IN MAT=3426, MF= 8, MT=457
        PARTICLE ENERGY (AE) SUMUP FAILURE
            WHOLE= 3.29673E+02  SUM= 3.23940E+02         SEQUENCE NUMBER     3
     ```

  3. Energies released in decay not adding up!
     *MAT=3426, MF= 8, MT=457 (3): Bad energy sum*

     ```
     ERROR(S) FOUND IN MAT=3426, MF= 8, MT=457
        E.C. MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.69970E-01  SUM= 1.29001E-01
     ```

  4. Energies released in decay not adding up!
     *MAT=3426, MF= 8, MT=457 (4): Bad energy sum*

     ```
     ERROR(S) FOUND IN MAT=3426, MF= 8, MT=457
        ALPHA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.23940E+02  SUM= 3.29780E+02
     ```