# Release notes for ENDF/B Development dec-079_Au_186 evaluation

October 13, 2016

- `fizcon` Errors:

  1. A discrete gamma energy is not energetically possible for the given Q value
     *MAT=2934, MF= 8, MT=457 (1): Eg too big*

     ```
     ERROR(S) FOUND IN MAT=2934, MF= 8, MT=457
        E(DISCRETE) > Q  E= 4.65300E+06  Q= 0.00000E+00
     ```

  2. Energies released in decay not adding up!
     *MAT=2934, MF= 8, MT=457 (2): Bad energy sum*

     ```
     ERROR(S) FOUND IN MAT=2934, MF= 8, MT=457
        PARTICLE ENERGY (AE) SUMUP FAILURE
            WHOLE= 3.80245E+01  SUM= 3.72240E+01         SEQUENCE NUMBER     2
     ```

  3. Energies released in decay not adding up!
     *MAT=2934, MF= 8, MT=457 (3): Bad energy sum*

     ```
     ERROR(S) FOUND IN MAT=2934, MF= 8, MT=457
        ALPHA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.72240E+01  SUM= 3.80428E+01
     ```