Release notes for ENDF/B Development dec-031_Ga_082 evaluation

October 14, 2016

- `fizcon` Errors:

  1. Energies released in decay not adding up!
     MAT= 709, MF= 8, MT=457 (1): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 709, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 1.16976E+07  SUM= 8.05112E+06
     ```

  2. Energies released in decay not adding up!
     MAT= 709, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 709, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 4.80330E+06  SUM= 4.82292E+06
     ```

  3. Energies released in decay not adding up!
     MAT= 709, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 709, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00000E+00  SUM= 1.00012E+00
     ```

  4. Energies released in decay not adding up!
     MAT= 709, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 709, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.13951E+06  SUM= 3.14451E+06
     ```

  5. Energies released in decay not adding up!
     MAT= 709, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 709, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.09350E-01  SUM= 1.09429E-01
     ```

  6. Energies released in decay not adding up!
     MAT= 709, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 709, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 8.21122E+04  SUM= 8.36894E+04
     ```