Release notes for ENDF/B Development dec-033_As_092 evaluation

October 13, 2016

- `fizcon` Errors:

  1. Generic error message
     MAT= 786, MF= 8, MT=457 (1): Error

     ```
     ERROR(S) FOUND IN MAT= 786, MF= 8, MT=457
          DQ NOT IN RANGE  0.00000E+00 TO  6.17922E+05
     ```

  2. Generic error message
     MAT= 786, MF= 8, MT=457 (2): Error

     ```
     ERROR(S) FOUND IN MAT= 786, MF= 8, MT=457
        E(MAXIMUM) > Q  E= 1.57200E+07  Q= 1.12850E+07
     ```

  3. Energies released in decay not adding up!
     MAT= 786, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 786, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 1.05224E+07  SUM= 6.09055E+06
     ```

  4. Energies released in decay not adding up!
     MAT= 786, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 786, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 8.52770E+05  SUM= 8.66734E+05
     ```

  5. Energies released in decay not adding up!
     MAT= 786, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 786, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.60756E+00  SUM= 1.00007E+00
     ```

  6. Energies released in decay not adding up!
     MAT= 786, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 786, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.90796E+06  SUM= 3.91296E+06
     ```

  7. Energies released in decay not adding up!
     MAT= 786, MF= 8, MT=457 (7): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 786, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.61107E+00  SUM= 1.30676E+00
     ```

  8. Energies released in decay not adding up!
     MAT= 786, MF= 8, MT=457 (8): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 786, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.28995E+06  SUM= 1.31086E+06
     ```