Release notes for ENDF/B Development dec-033_As_090 evaluation

October 14, 2016

- `fizcon` Errors:

  1. Energies released in decay not adding up!
     MAT= 784, MF= 8, MT=457 (1): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 784, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 1.24655E+07  SUM= 7.51830E+06
     ```

  2. Energies released in decay not adding up!
     MAT= 784, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 784, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.67918E+06  SUM= 2.69843E+06
     ```

  3. Energies released in decay not adding up!
     MAT= 784, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 784, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.02901E+00  SUM= 1.00004E+00
     ```

  4. Energies released in decay not adding up!
     MAT= 784, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 784, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 4.39786E+06  SUM= 4.40285E+06
     ```

  5. Energies released in decay not adding up!
     MAT= 784, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 784, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 4.45582E-01  SUM= 4.31097E-01
     ```

  6. Energies released in decay not adding up!
     MAT= 784, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 784, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 4.10184E+05  SUM= 4.17015E+05
     ```