Release notes for ENDF/B Development dec-033_As_091 evaluation

October 14, 2016

- `fizcon` Errors:

  1. Generic error message
     MAT= 785, MF= 8, MT=457 (1): Error

     ```
     ERROR(S) FOUND IN MAT= 785, MF= 8, MT=457
        E(MAXIMUM) > Q  E= 1.29700E+07  Q= 1.09590E+07
     ```

  2. Energies released in decay not adding up!
     MAT= 785, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 785, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 1.08881E+07  SUM= 6.36419E+06
     ```

  3. Energies released in decay not adding up!
     MAT= 785, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 785, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.23892E+06  SUM= 1.25552E+06
     ```

  4. Energies released in decay not adding up!
     MAT= 785, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 785, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.02828E+00  SUM= 1.00005E+00
     ```

  5. Energies released in decay not adding up!
     MAT= 785, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 785, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.99331E+06  SUM= 3.99831E+06
     ```

  6. Energies released in decay not adding up!
     MAT= 785, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 785, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.02834E+00  SUM= 1.01422E+00
     ```

  7. Energies released in decay not adding up!
     MAT= 785, MF= 8, MT=457 (7): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 785, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.09297E+06  SUM= 1.11036E+06
     ```