Release notes for ENDF/B Development dec-033_As_086 evaluation

October 13, 2016

- `fizcon` Errors:

  1. All probability distributions should be normalized to 1, this one isn't.
     MAT= 780, MF= 8, MT=457 (1): Bad norm (b)

     ```
     ERROR(S) FOUND IN MAT= 780, MF= 8, MT=457
        NORMALIZATION CHECK INTEGRAL= 1.00104E+00 BEFORE
     ```

  2. Energies released in decay not adding up!
     MAT= 780, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 780, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 9.35385E+06  SUM= 7.13244E+06
     ```

  3. Energies released in decay not adding up!
     MAT= 780, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 780, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.92657E+06  SUM= 3.94652E+06
     ```

  4. Energies released in decay not adding up!
     MAT= 780, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 780, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.12404E+06  SUM= 3.12904E+06
     ```

  5. Energies released in decay not adding up!
     MAT= 780, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 780, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 3.55019E-01  SUM= 1.24994E-01
     ```

  6. Energies released in decay not adding up!
     MAT= 780, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 780, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 5.55944E+04  SUM= 5.68869E+04
     ```