Release notes for ENDF/B Development dec-033_As_089 evaluation

October 14, 2016

- `fizcon` Errors:

  1. Energies released in decay not adding up!
     MAT= 783, MF= 8, MT=457 (1): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 783, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 8.87078E+06  SUM= 4.71205E+06
     ```

  2. Energies released in decay not adding up!
     MAT= 783, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 783, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.94934E+05  SUM= 4.05236E+05
     ```

  3. Energies released in decay not adding up!
     MAT= 783, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 783, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00154E+00  SUM= 1.00006E+00
     ```

  4. Energies released in decay not adding up!
     MAT= 783, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 783, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.62281E+06  SUM= 3.62781E+06
     ```

  5. Energies released in decay not adding up!
     MAT= 783, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 783, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00153E+00  SUM= 1.00076E+00
     ```

  6. Energies released in decay not adding up!
     MAT= 783, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 783, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 6.66298E+05  SUM= 6.79002E+05
     ```