Release notes for ENDF/B Development dec-039_Y_104 evaluation

October 14, 2016

- `fizcon` Errors:

  1. Energies released in decay not adding up!
     MAT=1020, MF= 8, MT=457 (1): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1020, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 1.13681E+07  SUM= 7.01147E+06
     ```

  2. Energies released in decay not adding up!
     MAT=1020, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1020, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.18752E+06  SUM= 3.20860E+06
     ```

  3. Energies released in decay not adding up!
     MAT=1020, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1020, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.77893E+06  SUM= 3.78393E+06
     ```

  4. Energies released in decay not adding up!
     MAT=1020, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1020, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 5.05418E-02  SUM= 5.05012E-02
     ```

  5. Energies released in decay not adding up!
     MAT=1020, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1020, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.84954E+04  SUM= 1.89317E+04
     ```