Release notes for ENDF/B Development dec-029_Cu_078 evaluation

October 14, 2016

- `fizcon` Errors:

  1. Energies released in decay not adding up!
     MAT= 640, MF= 8, MT=457 (1): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 640, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 1.04776E+07  SUM= 6.89246E+06
     ```

  2. Energies released in decay not adding up!
     MAT= 640, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 640, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.47904E+06  SUM= 3.49787E+06
     ```

  3. Energies released in decay not adding up!
     MAT= 640, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 640, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00043E+00  SUM= 1.00014E+00
     ```

  4. Energies released in decay not adding up!
     MAT= 640, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 640, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.10135E+06  SUM= 3.10635E+06
     ```

  5. Energies released in decay not adding up!
     MAT= 640, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 640, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 3.71023E-01  SUM= 3.70805E-01
     ```

  6. Energies released in decay not adding up!
     MAT= 640, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 640, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.82649E+05  SUM= 2.88232E+05
     ```