Release notes for ENDF/B Development dec-028_Ni_073 evaluation

October 14, 2016

- `fizcon` Errors:

  1. Parity set to illegal value
     MAT= 604, MF= 8, MT=457 (1): Bad parity

     ```
     ERROR(S) FOUND IN MAT= 604, MF= 8, MT=457
        PARITY= 0.00000E+00 NOT +1.0 OR -1.0
     ```

  2. Energies released in decay not adding up!
     MAT= 604, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 604, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 8.83804E+06  SUM= 6.43908E+06
     ```

  3. Energies released in decay not adding up!
     MAT= 604, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 604, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 4.44986E+06  SUM= 4.47408E+06
     ```

  4. Energies released in decay not adding up!
     MAT= 604, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 604, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00000E+00  SUM= 1.00028E+00
     ```

  5. Energies released in decay not adding up!
     MAT= 604, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 604, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.95919E+06  SUM= 1.96419E+06
     ```

  6. Energies released in decay not adding up!
     MAT= 604, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 604, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 7.72524E+02  SUM= 8.12140E+02
     ```