Release notes for ENDF/B Development dec-045_Rh_123 evaluation

October 13, 2016

- `fizcon` Errors:

  1. Generic error message
     MAT=1284, MF= 8, MT=457 (1): Error

     ```
     ERROR(S) FOUND IN MAT=1284, MF= 8, MT=457
        E(MAXIMUM) > Q  E= 1.05600E+07  Q= 1.05620E+04
     ```

  2. Generic error message
     MAT=1284, MF= 8, MT=457 (2): Error

     ```
     ERROR(S) FOUND IN MAT=1284, MF= 8, MT=457
        E(MAXIMUM) > Q  E= 1.02000E+07  Q= 1.05620E+04
     ```

  3. Generic error message
     MAT=1284, MF= 8, MT=457 (3): Error

     ```
     ERROR(S) FOUND IN MAT=1284, MF= 8, MT=457
        E(MAXIMUM) > Q  E= 6.57000E+06  Q= 6.57100E+03
     ```

  4. Energies released in decay not adding up!
     MAT=1284, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1284, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 1.00289E+04  SUM= 5.74057E+06
     ```

  5. Energies released in decay not adding up!
     MAT=1284, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1284, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.93722E+06  SUM= 1.95403E+06
     ```

  6. Energies released in decay not adding up!
     MAT=1284, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1284, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 3.66438E+06  SUM= 3.66938E+06
     ```

  7. Energies released in decay not adding up!
     MAT=1284, MF= 8, MT=457 (7): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1284, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.33580E-01  SUM= 1.33614E-01
     ```

  8. Energies released in decay not adding up!
     MAT=1284, MF= 8, MT=457 (8): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT=1284, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 1.15549E+05  SUM= 1.17170E+05
     ```