Release notes for ENDF/B Development dec-037_Rb_100 evaluation

October 13, 2016

- `fizcon` Errors:

  1. All probability distributions should be normalized to 1, this one isn't.
     MAT= 934, MF= 8, MT=457 (1): Bad norm (b)

     ```
     ERROR(S) FOUND IN MAT= 934, MF= 8, MT=457
        NORMALIZATION CHECK INTEGRAL= 1.00101E+00 BEFORE
     ```

  2. Energies released in decay not adding up!
     MAT= 934, MF= 8, MT=457 (2): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 934, MF= 8, MT=457
        TOTAL ENERGY RELEASE SUMUP FAILURE
            WHOLE= 1.15254E+07  SUM= 6.95230E+06
     ```

  3. Energies released in decay not adding up!
     MAT= 934, MF= 8, MT=457 (3): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 934, MF= 8, MT=457
        GAMMA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.67943E+06  SUM= 2.69997E+06
     ```

  4. Energies released in decay not adding up!
     MAT= 934, MF= 8, MT=457 (4): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 934, MF= 8, MT=457
        BETA MULTIPLICITY SUMUP FAILURE
            WHOLE= 1.00967E+00  SUM= 1.00007E+00
     ```

  5. Energies released in decay not adding up!
     MAT= 934, MF= 8, MT=457 (5): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 934, MF= 8, MT=457
        BETA AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 4.00698E+06  SUM= 4.01198E+06
     ```

  6. Energies released in decay not adding up!
     MAT= 934, MF= 8, MT=457 (6): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 934, MF= 8, MT=457
        NEUTRON MULTIPLICITY SUMUP FAILURE
            WHOLE= 3.33672E-01  SUM= 3.29174E-01
     ```

  7. Energies released in decay not adding up!
     MAT= 934, MF= 8, MT=457 (7): Bad energy sum

     ```
     ERROR(S) FOUND IN MAT= 934, MF= 8, MT=457
        NEUTRON AVERAGE ENERGY SUMUP FAILURE
            WHOLE= 2.36279E+05  SUM= 2.40349E+05
     ```