# Release notes for ENDF/B Development dec-005_B_010 evaluation

October 14, 2016

- `fizcon` Warnings:

  1. The decay library is so big that we ran out of MAT numbers, when following the ENDF convention. So, MAT numbers are messed up as well as ZAs one computes from them.
     *MAT= 42, MF= 1, MT=451 (1): Ran out of MATs*

     ```
     ERROR(S) FOUND IN MAT=  42, MF= 1, MT=451
          ZA SHOULD BE SET TO  1.42000E+02
     ```

  2. Some spectrum is missing. If you can generate it, it would be good since ENDF requires this even if we can't evaluate it.
     *MAT= 42, MF= 8, MT=457 (2): Missing spectra*

     ```
     ERROR(S) FOUND IN MAT=  42, MF= 8, MT=457
        NO DECAY SPECTRA GIVEN
     ```

- `fizcon` Errors:

  1. Energies released in decay not adding up!
     *MAT= 42, MF= 8, MT=457 (1): Bad energy sum*

     ```
     ERROR(S) FOUND IN MAT=  42, MF= 8, MT=457
        BRANCHING RATIO SUMUP FAILURE
            WHOLE= 1.00000E+00  SUM= 0.00000E+00
     ```