# Release notes for ENDF/B Development dec-099_Es_248 evaluation

October 13, 2016

- `fizcon` Warnings:

  1. 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=3658, MF= 8, MT=457 (4): Missing spectra*

     ```
     ERROR(S) FOUND IN MAT=3658, MF= 8, MT=457
        NO DECAY SPECTRA GIVEN
     ```

- `fizcon` Errors:

  1. Spin should be $\geq 0.0$
     *MAT=3658, MF= 8, MT=457 (1): Illegal spin (b)*

     ```
     ERROR(S) FOUND IN MAT=3658, MF= 8, MT=457
        NEGATIVE SPIN NOT ALLOWED
     ```

  2. Spin should be integral or half integral
     *MAT=3658, MF= 8, MT=457 (2): Illegal spin (a)*

     ```
     ERROR(S) FOUND IN MAT=3658, MF= 8, MT=457
        SPIN SHOULD BE INTEGRAL OR HALF INTEGRAL
     ```

  3. Parity set to illegal value
     *MAT=3658, MF= 8, MT=457 (3): Bad parity*

     ```
     ERROR(S) FOUND IN MAT=3658, MF= 8, MT=457
        PARITY= 0.00000E+00 NOT +1.0 OR -1.0
     ```