Release notes for ENDF/B Development nfy-092_U_235 evaluation

October 13, 2016

- `checkr` Warnings:

  1. A previous error halted parsing of the current section
     MAT=9228, MF= 1, MT=451 (1): Parsing stopped

     ```
     ERROR(S) FOUND IN MAT=9228, MF= 1, MT=451
        SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER       16 TO      19
     ```

- `checkr` Errors:

  1. A variable is outside the allowed ENDF range
     MAT=9228, MF= 1, MT=451 (0): Variable range

     ```
     ERROR(S) FOUND IN MAT=9228, MF= 1, MT=451
        MOD =     2 OUT OF RANGE     0 -     0           RECORD NUMBER      16
     ```

  2. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=9228, MF= 8, MT=454 (0): Directory (b)

     ```
     ERROR(S) FOUND IN MAT=9228, MF= 8, MT=454
        SECTION  8/454 NOT IN DIRECTORY                 RECORD NUMBER      21
     ```

  3. Missing a section in directory so your directory is messed up. This error will break everything else
     MAT=9228, MF= 8, MT=459 (0): Directory (b)

     ```
     ERROR(S) FOUND IN MAT=9228, MF= 8, MT=459
        SECTION  8/459 NOT IN DIRECTORY                 RECORD NUMBER    2523
     ```

- `fudge-4.0` Warnings:

  1. Indicates a test was skipped due to missing information
     reactionSuite: (Error # 0): Test skipped

     ```
     WARNING: Skipped test Wick's limit: "Channel 'n + U' could not be found!"
     ```

- `fudge-4.0` Errors:

  1. I didn't expect to see that MAT here!
     Reading ENDF file: ../nfy-092_U_235.endf (Error # 0): ENDF MAT

     ```
     WARNING: ENDF MAT = 9228 not as expected (i.e., 9200).
     ```