Release notes for ENDF/B Development dec-090_Th_230 evaluation

October 13, 2016

- `checkr` Errors:

  1. STYPE out of order
     MAT=3458, MF= 8, MT=457 (0): STYPE goof

```
ERROR(S) FOUND IN MAT=3458, MF= 8, MT=457
   STYPE  5.0 OUT OF ORDER                          RECORD NUMBER     111
```

- `fizcon` Errors:

  1. Energies released in decay not adding up!
     MAT=3458, MF= 8, MT=457 (1): Bad energy sum

```
ERROR(S) FOUND IN MAT=3458, MF= 8, MT=457
   PARTICLE ENERGY (AE) SUMUP FAILURE
       WHOLE= 4.74524E+06  SUM= 4.66413E+06         SEQUENCE NUMBER     2
```

  2. Energies released in decay not adding up!
     MAT=3458, MF= 8, MT=457 (2): Bad energy sum

```
ERROR(S) FOUND IN MAT=3458, MF= 8, MT=457
   ALPHA AVERAGE ENERGY SUMUP FAILURE
       WHOLE= 4.66413E+06  SUM= 4.74672E+06
```

  3. Energies released in decay not adding up!
     MAT=3458, MF= 8, MT=457 (3): Bad energy sum

```
ERROR(S) FOUND IN MAT=3458, MF= 8, MT=457
   NEUTRON MULTIPLICITY SUMUP FAILURE
       WHOLE= 0.00000E+00  SUM= 1.00000E+00
```