

Release notes for ENDF/B-VII.1 deuterons sublibrary

December 20, 2011

ERROR SUMMARY

fizcon All probability distributions should be normalized to 1, this one isn't.: d-003_Li_007.endf

fizcon The cross section and an outgoing distribution don't span the same energy region.: d-001_H_003.endf,
d-003_Li_007.endf

_____d-001_H_002.endf_____

- psyche CORE DUMPED!!

_____d-001_H_003.endf_____

- fizcon Errors:

1. The cross section and an outgoing distribution don't span the same energy region.

```
ERROR(S) FOUND IN MAT= 131, MF= 3, MT= 2
THE MAXIMUM INCIDENT ENERGY OF 1.00000E+07 (EV)
SHOULD BE GREATER THAN OR EQUAL TO 3.00000E+07
```

```
ERROR(S) FOUND IN MAT= 131, MF= 3, MT= 51
THE MAXIMUM INCIDENT ENERGY OF 1.00000E+07 (EV)
SHOULD BE GREATER THAN OR EQUAL TO 3.00000E+07
```

- psyche CORE DUMPED!!

_____d-002_He_003.endf_____

- Passed All Checks!

_____d-003_Li_006.endf_____

- Passed All Checks!

_____d-003_Li_007.endf_____

- fizcon Errors:

1. The cross section and an outgoing distribution don't span the same energy region.

```
ERROR(S) FOUND IN MAT= 328, MF= 6, MT=700
SECTION DOES NOT SPAN THE SAME ENERGY RANGE AS FILE 3, MT= 700
```

2. All probability distributions should be normalized to 1, this one isn't.

```
ERROR(S) FOUND IN MAT= 328, MF= 6, MT= 22
CHECK NORMALIZATION= 0.998758 AT E= 2.0000E+04 SEQUENCE NUMBER 7
CHECK NORMALIZATION= 0.998754 AT E= 5.0000E+04 SEQUENCE NUMBER 31
CHECK NORMALIZATION= 0.998740 AT E= 7.0000E+04 SEQUENCE NUMBER 55
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