

Improvements of EXFOR checking code ZCHEX

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2016: A70 V.Zerkin (Continuing action) Update ZCHEX based on comments from compilers (e.g., WP2011-36).

Updates of ZCHEX package

2017-05-10 V.Zerkin

- Windows/Linux: EXFOR Dictionary 9115
- debug checking of ERR-ANALYS code: limit by (...)
e.g. 33080002:

```
ERR-ANALYS (MONIT-ERR,2.,3.7) 56Fe(n,p)56Mn
          ^^^^^^^^^^
```

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- debug checking: Reference long(L=11) Report-code, e.g.:

```
REFERENCE (R,IAEA-TECDOC-1211,2001)
          ^^^^^^^^^^^^^^
MONIT-REF (,S.M.Qaim+,R,IAEA-TECDOC-1211,2001)
          ^^^^^^^^^^^^^^
REL-REF (N,,S.M.Qaim+,R,IAEA-TECDOC-1211,2001)
          ^^^^^^^^^^^^^^
```

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- checking correlation flag in the 4th field of ERR-ANALYS

```
ERR-ANALYS (ERR-4,1.,2.,U)
          ^^^
```

- checking: REACTION with (0,B-) similarly to (0,F)

```
REACTION (37-RB-93(0,B-)38-SR-93,,PN)
          ^^^^^^^^^^
```

- Windows/Linux/MacOSX