

Number of Neutrons per Fission (MT=452)

Evaluated Lib

EVALUATED LIB

| | Choice | Evaluation Lib | id |
|----|-------------------------------------|----------------|----|
| 1 | <input checked="" type="checkbox"/> | ENDFB8.0 | |
| 2 | <input checked="" type="checkbox"/> | CENDL3.1 | |
| 3 | <input type="checkbox"/> | JEFF3.3 | |
| 4 | <input type="checkbox"/> | JENDL4.0 | |
| 5 | <input type="checkbox"/> | TENDL2017 | |
| 6 | <input type="checkbox"/> | BROND3.1 | |
| 7 | <input type="checkbox"/> | ENDFB8BETA4 | |
| 8 | <input type="checkbox"/> | ENDFB7.1 | |
| 9 | <input type="checkbox"/> | JEFF3.2 | |
| 10 | <input type="checkbox"/> | JEFF3.1 | |
| 11 | <input type="checkbox"/> | TENDL2015 | |

Element,Reaction

Z or Element: A: G/M(G-Ground):

MF: MT:

Ei:(MeV) Angle:(Degree) ZAOUT(1000*Z+A):

Annotations: Lib File Reaction Element

Ok Cancel

Number of Neutrons per Fission (MT=452)

Retrieving EXFOR ×

Retrieving EXFOR

Target (such as:Fe-56)

Reaction (such as n,g)

Quantity (CS,DA,DE,DAE,MFQ,FY)

Product

EnMin eV

EnMax eV

Year

Befor

After

Equal

Between and

For Fission Yield Only

Yield Chain

Yield Energy Dependence

Number of Neutrons per Fission (MT=452)

Results from Exfor Retrieving

| | No. | Choice* | SubEntry | Author | Reference | FullCode | Year | EnMin(ev) | EnMax(ev) | nDataLines |
|----|-----|-------------------------------------|----------|-----------------|------------------------|--|------|-----------|-----------|------------|
| 1 | 72 | <input checked="" type="checkbox"/> | 40326002 | E.A.Seregina | J,AE,37,500,197412 | 92-U-235(N,F),,NU | 1974 | | | 9 |
| 2 | 73 | <input checked="" type="checkbox"/> | 21139003 | E.Barnard | J,NP,71,228,6509 | 92-U-235(N,F),,NU | 1965 | | | 1 |
| 3 | 74 | <input checked="" type="checkbox"/> | 40158006 | Ju.A.Bljumkina | J,NP,52,(4),648,196404 | 92-U-235(N,F),,NU | 1964 | | | 13 |
| 4 | 75 | <input checked="" type="checkbox"/> | V0022003 | Zhang Huan-Qiao | R,HSJ-76041,197812 | 92-U-235(N,F),,NU,,,EVAL | 1978 | | | 121 |
| 5 | 76 | <input checked="" type="checkbox"/> | V0015014 | F.Manero | J,REA,10,637,197212 | 92-U-235(N,F),,NU,,,EVAL | 1972 | | | 124 |
| 6 | 77 | <input checked="" type="checkbox"/> | V1002587 | S.F.Mughabghab | B,NEUT.RES.,2006 | 92-U-235(N,F),,NU,,,RECOM | 2006 | | | 1 |
| 7 | 78 | <input checked="" type="checkbox"/> | 12833010 | R.Gwin | J,NSE,87,381,1984 | 92-U-235(N,F),,NU,,AV | 1984 | | | 1 |
| 8 | 79 | <input checked="" type="checkbox"/> | 12345003 | S.C.Fultz | J,PR,152,1046,196612 | 92-U-235(N,F),,NU,,MXW | 1966 | | | 1 |
| 9 | 80 | <input checked="" type="checkbox"/> | 12395002 | T.Snyder | R,LA-102,44 | 92-U-235(N,F),,NU,,MXW | 1944 | | | 1 |
| 10 | 81 | <input checked="" type="checkbox"/> | V0010004 | J.W.Boldeman | C,77NBS,,182,197703 | 92-U-235(N,F),,NU,,MXW,EVAL | 1977 | | | 1 |
| 11 | 0 | <input type="checkbox"/> | 21185012 | H.Rose | J,JNE,4,141,1957 | ((90-TH-232(N,F),DL,NU,,SPA))/(90-TH-232(N,F),,NU,,SPA))/(92-U-235(N,F),,NU,,EVAL) | 1957 | | | 1 |
| 12 | 1 | <input type="checkbox"/> | 21185012 | H.Rose | J,JNE,4,141,1957 | ((90-TH-232(N,F),DL,NU,,SPA))/(90-TH-232(N,F),,NU,,SPA))/(92-U-235(N,F),,NU,,EVAL) | 1957 | | | 1 |
| 13 | 2 | <input type="checkbox"/> | 30238005 | A.Notea | P,IA-1190,95,196907 | (90-TH-232(N,F),DL,NU)/(92-U-235(N,F),DL,NU) | 1969 | | | 1 |
| 14 | 3 | <input type="checkbox"/> | 13701002 | G.S.Brunson | J,NSE,1,174,1956 | (90-TH-232(N,F),DL,NU,,FIS)/(92-U-235(N,F),DL,NU,,FIS) | 1956 | | | 1 |

Select All

| | Choice | FullCode |
|---|-------------------------------------|-----------------------------|
| 1 | <input checked="" type="checkbox"/> | 92-U-235(N,F),,NU |
| 2 | <input checked="" type="checkbox"/> | 92-U-235(N,F),,NU,,,EVAL |
| 3 | <input checked="" type="checkbox"/> | 92-U-235(N,F),,NU,,,RECOM |
| 4 | <input checked="" type="checkbox"/> | 92-U-235(N,F),,NU,,AV |
| 5 | <input checked="" type="checkbox"/> | 92-U-235(N,F),,NU,,MXW |
| 6 | <input checked="" type="checkbox"/> | 92-U-235(N,F),,NU,,MXW,EVAL |
| 7 | <input type="checkbox"/> | 92-U-235(N,F),,NU,,REL/AV |

Filter: ^/\$ (at the beginning/end of the str

NU

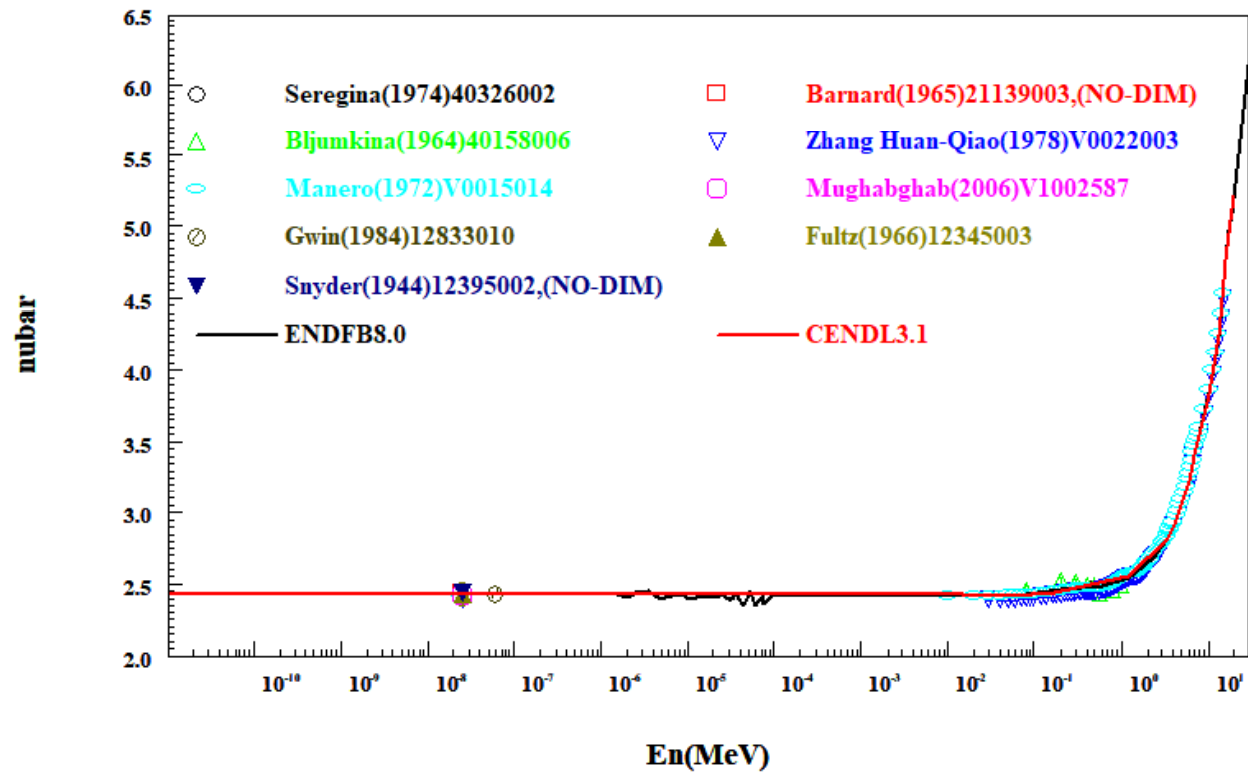
Not Ratio

Filter

Ok

Cancel

Number of Neutrons per Fission (MT=452)



Delayed Neutron Data (MT=455)

Evaluated Lib

EVALUATED LIB

| | Choice | Evaluation Lib | id |
|----|-------------------------------------|----------------|----|
| 1 | <input checked="" type="checkbox"/> | ENDFB8.0 | |
| 2 | <input checked="" type="checkbox"/> | CENDL3.1 | |
| 3 | <input type="checkbox"/> | JEFF3.3 | |
| 4 | <input type="checkbox"/> | JENDL4.0 | |
| 5 | <input type="checkbox"/> | TENDL2017 | |
| 6 | <input type="checkbox"/> | BROND3.1 | |
| 7 | <input type="checkbox"/> | FNDFRRRFTΔ4 | |
| 8 | <input type="checkbox"/> | ENDFB7.1 | |
| 9 | <input type="checkbox"/> | JEFF3.2 | |
| 10 | <input type="checkbox"/> | JEFF3.1 | |
| 11 | <input type="checkbox"/> | TENDL2015 | |

Element,Reaction

Z or Element: A: G/M(G-Ground)

MF: MT:

Ei(MeV) Angle:(Degree) ZAOUT(1000*Z+A):

Annotations: Lib File Reaction Element

Delayed Neutron Data (MT=455)

Results from Exfor Retrieving

| | No. | Choice* | SubEntry | Author | Reference | FullCode | Year | EnMin(ev) |
|----|-----|-------------------------------------|----------|----------------|----------------------------|--------------------------|------|-----------|
| 1 | 107 | <input checked="" type="checkbox"/> | 21185013 | H.Rose | J,JNE,4,141,1957 | 92-U-235(N,F),DL,NU,,SPA | 1957 | |
| 2 | 105 | <input checked="" type="checkbox"/> | 21643003 | S.Synetos | S,INDC(NDS)-107,183,197908 | 92-U-235(N,F),DL,NU,,MXW | 1979 | |
| 3 | 106 | <input checked="" type="checkbox"/> | 13700026 | G.R.Keepin | J,PR,107,1044,195708 | 92-U-235(N,F),DL,NU,,MXW | 1957 | |
| 4 | 104 | <input checked="" type="checkbox"/> | 13672002 | D.Loaiza | J,NSE,128,270,199803 | 92-U-235(N,F),DL,NU,,FST | 1998 | |
| 5 | 103 | <input checked="" type="checkbox"/> | 13700022 | G.R.Keepin | J,PR,107,1044,195708 | 92-U-235(N,F),DL,NU,,FIS | 1957 | |
| 6 | 94 | <input checked="" type="checkbox"/> | 41500003 | V.A.Roshchenko | J,YF,62,(8),1358,1999 | 92-U-235(N,F),DL,NU | 1999 | |
| 7 | 95 | <input checked="" type="checkbox"/> | 13668006 | H.H.Saleh | J,NSE,125,51,199701 | 92-U-235(N,F),DL,NU | 1997 | |
| 8 | 96 | <input checked="" type="checkbox"/> | 41291006 | V.M.Piksaykin | C,97TRiest,1,485,199705 | 92-U-235(N,F),DL,NU | 1997 | |
| 9 | 97 | <input checked="" type="checkbox"/> | 12856002 | P.L.Reeder | J,PR/C,28,1740,198310 | 92-U-235(N,F),DL,NU | 1983 | |
| 10 | 98 | <input checked="" type="checkbox"/> | 10117002 | M.S.Krick | J,NSE,47,311,197203 | 92-U-235(N,F),DL,NU | 1972 | |
| 11 | 99 | <input checked="" type="checkbox"/> | 10117003 | M.S.Krick | J,NSE,47,311,197203 | 92-U-235(N,F),DL,NU | 1972 | |
| 12 | 100 | <input checked="" type="checkbox"/> | 12288010 | C.F.Masters | J,NSE,36,202,1969 | 92-U-235(N,F),DL,NU | 1969 | |
| 13 | 101 | <input checked="" type="checkbox"/> | 12288011 | C.F.Masters | J,NSE,36,202,1969 | 92-U-235(N,F),DL,NU | 1969 | |
| 14 | 102 | <input checked="" type="checkbox"/> | 12435002 | W.I.Mc Garry | J,BAP,5,33(18),6001 | 92-U-235(N,F),DL,NU | 1960 | |

Select All

| | Choice | FullCode |
|---|-------------------------------------|------------------------------|
| 1 | <input checked="" type="checkbox"/> | 92-U-235(N,F),DL,NU |
| 2 | <input checked="" type="checkbox"/> | 92-U-235(N,F),DL,NU,,FIS |
| 3 | <input checked="" type="checkbox"/> | 92-U-235(N,F),DL,NU,,FST |
| 4 | <input checked="" type="checkbox"/> | 92-U-235(N,F),DL,NU,,MXW |
| 5 | <input checked="" type="checkbox"/> | 92-U-235(N,F),DL,NU,,SPA |
| 6 | <input type="checkbox"/> | 92-U-235(N,F),DL/GRP,NU |
| 7 | <input type="checkbox"/> | 92-U-235(N,F),DL/GRP,NU,,FIS |

< >

Ok

Cancel

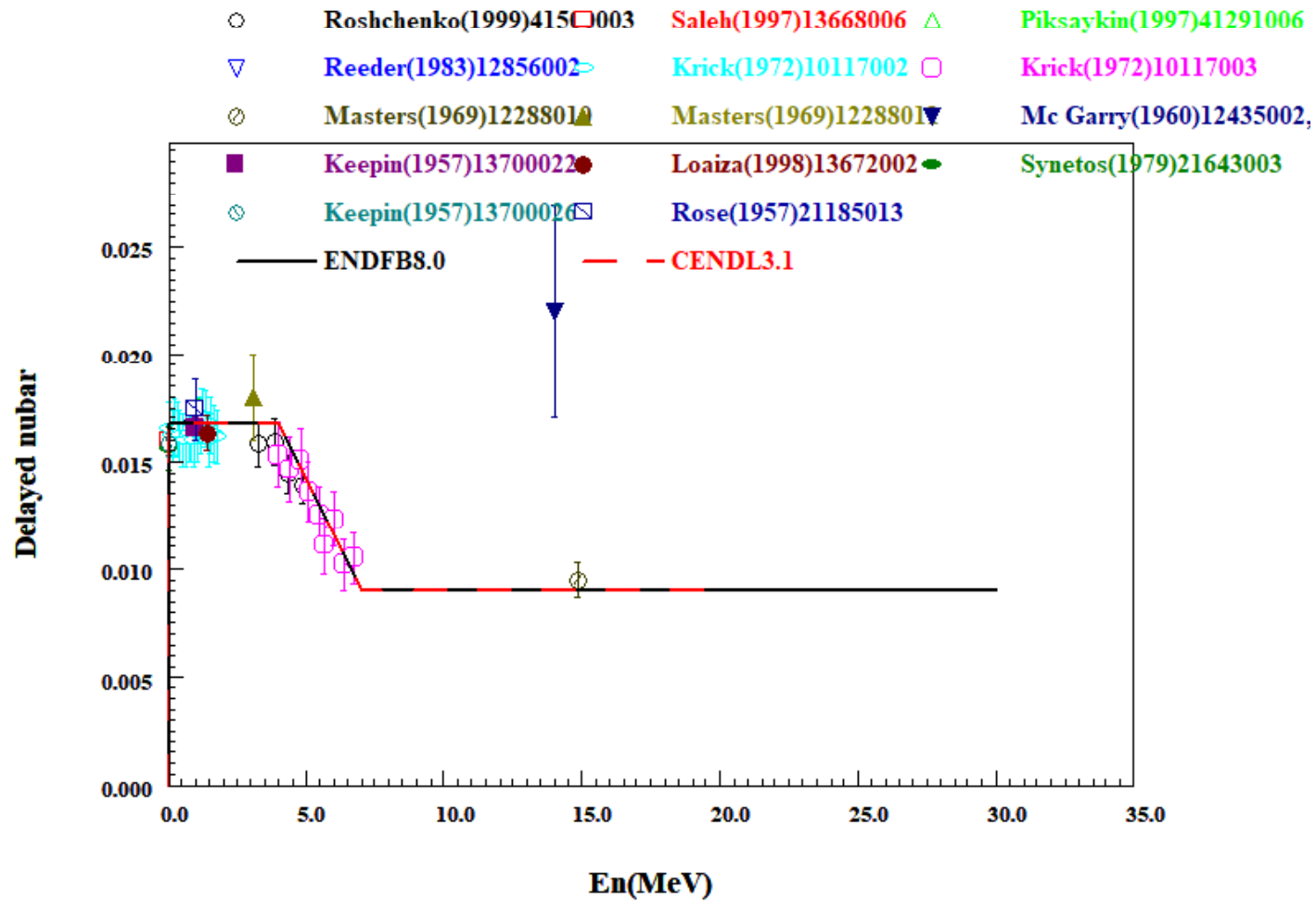
Filter: ^

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Not Re

Filter

Delayed Neutron Data (MT=455)



Number of Prompt Neutrons per Fission(MT=456)

Results from Exfor Retrieving

| No. | Choice* | SubEntry | Author | Reference | FullCode | Year | EnMin(ev) | EnMax(ev) | n |
|-----|---------|-------------------------------------|----------|---------------|-------------------------|---------------------|-----------|-----------|----|
| 1 | 120 | <input checked="" type="checkbox"/> | 41597004 | A.S.Vorobyev | J,YK,2011,(1-2),37,2013 | 92-U-235(N,F),PR,NU | 2013 | | 1 |
| 2 | 121 | <input checked="" type="checkbox"/> | 41516018 | A.S.Vorobyev | S,ISINN-17,60,2010 | 92-U-235(N,F),PR,NU | 2010 | | 1 |
| 3 | 122 | <input checked="" type="checkbox"/> | 41378002 | Yu.A.Khokhlov | C,94GATLIN,1,272,1994 | 92-U-235(N,F),PR,NU | 1994 | | 86 |
| 4 | 123 | <input checked="" type="checkbox"/> | 41110006 | G.S.Boikov | J,YF,53,(3),628,1991 | 92-U-235(N,F),PR,NU | 1991 | | 2 |
| 5 | 124 | <input checked="" type="checkbox"/> | 41110006 | G.S.Boikov | J,YF,53,(3),628,1991 | 92-U-235(N,F),PR,NU | 1991 | | 2 |
| 6 | 125 | <input checked="" type="checkbox"/> | 12870004 | R.E.Howe | J,NSE,86,157,8402 | 92-U-235(N,F),PR,NU | 1984 | | 7 |
| 7 | 126 | <input checked="" type="checkbox"/> | 21785003 | J.Frehaut | C,82ANTWER,78,8209 | 92-U-235(N,F),PR,NU | 1982 | | 29 |
| 8 | 127 | <input checked="" type="checkbox"/> | 20506002 | J.Frehaut | W,FREHAUT,8009 | 92-U-235(N,F),PR,NU | 1980 | | 34 |
| 9 | 128 | <input checked="" type="checkbox"/> | 21685002 | J.Frehaut | W,FREHAUT,8009 | 92-U-235(N,F),PR,NU | 1980 | | 6 |
| 10 | 129 | <input checked="" type="checkbox"/> | 40493002 | M.V.Savin | R,YFI-27,4,7911 | 92-U-235(N,F),PR,NU | 1979 | | 34 |
| 11 | 130 | <input checked="" type="checkbox"/> | 14051002 | R.E.Howe | S,BNL-NCS-21501,66,1976 | 92-U-235(N,F),PR,NU | 1976 | | 27 |
| 12 | 131 | <input checked="" type="checkbox"/> | 20427002 | F.Kaeppler | C,75WASH,2,549,197503 | 92-U-235(N,F),PR,NU | 1975 | | 22 |
| 13 | 132 | <input checked="" type="checkbox"/> | 40262002 | M.V.Savin | J,YF,16,(6),1161,197212 | 92-U-235(N,F),PR,NU | 1972 | | 30 |
| 14 | 133 | <input checked="" type="checkbox"/> | 30006002 | R.L.Walsh | J,JNE,25,321,1971 | 92-U-235(N,F),PR,NU | 1971 | | 14 |

Select All

| Choice | FullCode |
|-------------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> | |
| <input checked="" type="checkbox"/> | 92-U-235(N,F),PR,NU,,EVAL |
| <input checked="" type="checkbox"/> | 92-U-235(N,F),PR,NU,,FST |
| <input checked="" type="checkbox"/> | 92-U-235(N,F),PR,NU,,MXW |
| <input checked="" type="checkbox"/> | 92-U-235(N,F),PR,NU,,MXW,EVAL |
| <input checked="" type="checkbox"/> | 92-U-235(N,F),PR,NU,,REL |
| <input checked="" type="checkbox"/> | 92-U-235(N,F),PR,NU,,RES |

Filter: ^/\$ (at the beginn

PR

Not Ratio

Filter

Ok

Cancel

Number of Prompt Neutrons per Fission(MT=456)

