Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
resonance total cross section

![Graph showing total cross section vs energy](image)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
resonance total cross section

Energy (MeV)

Cross section (barns)

total
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
resonance total cross section

Cross section (barns)

Energy (MeV)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
resonance absorption cross sections

Energy (MeV)

Cross section (barns)
capture
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
resonance absorption cross sections
24-CR-50 FOR FENDL-3.2 FROM INDCN-1.0 BY NJOY2016.60+
resonance absorption cross sections

![Graph showing cross section over energy](image-url)
Principal cross sections

Energy (MeV)

Cross section (barns)

total
absorption
elastic
gamma production

24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+

Heating

Heating (MeV/reaction) vs. Energy (MeV)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Non-threshold reactions

Cross section (barns)

Energy (MeV)

(n,gma)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Inelastic levels

- (n,n*1)
- (n,n*2)
- (n,n*3)
- (n,n*4)
- (n,n*5)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Inelastic levels

![Graph showing cross section (barns) vs. Energy (MeV) for different reactions: (n,n*6), (n,n*7), (n,n*8), (n,n*9), and (n,n*10). The graph demonstrates the variation in cross section with energy for these reactions.]
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Inelastic levels

```
Energy (MeV)

Cross section (barns)

*(n,n*11)
*(n,n*12)
*(n,n*13)
*(n,n*14)
*(n,n*15)
```
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Inelastic levels

Energy (MeV)

Cross section (barns)

<table>
<thead>
<tr>
<th>Cross section (barns)</th>
<th>Energy (MeV)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(n,n*16)</td>
<td>0</td>
</tr>
<tr>
<td>(n,n*17)</td>
<td>10</td>
</tr>
<tr>
<td>(n,n*18)</td>
<td>20</td>
</tr>
<tr>
<td>(n,n*19)</td>
<td>30</td>
</tr>
<tr>
<td>(n,n*20)</td>
<td>40</td>
</tr>
</tbody>
</table>
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Inelastic levels

Cross section (barns)

Energy (MeV)

- (n,n*21)
- (n,n*22)
- (n,n*23)
- (n,n*24)
- (n,n*25)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Inelastic levels

![Graph showing inelastic levels](attachment:image.png)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Inelastic levels

Energy (MeV)

Cross section (barns)

0 10 20 30 40 50 60 70

0 5 10 15 20 25 *10^-3

(n,n*31) (n,n*32) (n,n*33) (n,n*34) (n,n*35)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Inelastic levels

Energy (MeV)

Cross section (barns)

- (n,n*36)
- (n,n*37)

Energy (MeV)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Threshold reactions

Energy (MeV)

Cross section (barns)

(n,x)
(n,2n)
(n,n*)p
(n,n*)d
(n,n*)he3
Threshold reactions

- (n,2np)
- (n,n*)
- (n,p)
- (n,d)

Cross section (barns) vs. Energy (MeV)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Threshold reactions

Cross section (barns)

Energy (MeV)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Threshold reactions

Cross section (barns)

Energy (MeV)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Threshold reactions

![Graph showing cross section as a function of energy for different reactions.](image-url)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Threshold reactions

Energy (MeV)

Cross section (barns)

(n,p*10)
(n,p*11)
(n,p*12)
(n,p*13)
(n,p*14)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+

Threshold reactions

Energy (MeV)

Cross section (barns)

*(n,p)*15

*(n,p)*16

*(n,p)*17

*(n,p)*18

*(n,p)*19
Threshold reactions

Energy (MeV)

Cross section (barns)

24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Threshold reactions

Energy (MeV)

Cross section (barns)

- $(n,p^*25)$
- $(n,p^*26)$
- $(n,p^*27)$
- $(n,p^*28)$
- $(n,p^*29)$
Threshold reactions

Cross section (barns) vs. Energy (MeV)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+ Threshold reactions

Cross section (barns)

Energy (MeV)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Threshold reactions

![Graph showing cross section (barns) vs. energy (MeV) for different threshold reactions.](image-url)
Threshold reactions

Cross section (barns)

Energy (MeV)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Threshold reactions

![Graph showing cross section (barns) vs. energy (MeV) for different reactions.]

- (n,a*14)
- (n,a*15)
- (n,a*16)
- (n,a*17)
- (n,a*18)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Threshold reactions

Energy (MeV)

Cross section (barns)

Energy (MeV)
Threshold reactions

Cross section (barns) vs. Energy (MeV)

- (n,a*29)
- (n,a*30)
- (n,a*31)
- (n,a*32)
- (n,a*33)
Threshold reactions

(n,a^*39)
(n,a^*c)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for elastic
angular distribution for elastic
angular distribution for (n,n*1)
angular distribution for (n,n*1)
angular distribution for (n,n*2)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*2)
angular distribution for (n,n*3)
angular distribution for (n,n*4)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*4)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*5)
The graph shows the angular distribution for $(n,n^*6)$ reactions, with energy (MeV) on the x-axis and cosine of the angle on the y-axis. The z-axis represents the probability distribution, with values on a logarithmic scale from $10^{-4}$ to $10^0$. The graph is based on data from the FENDL-3.2 and INDEN-1.0 libraries processed by NJOY2016.60.
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n,n^*7)\)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n,n^*7)\)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*8)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for $(n,n^*8)$
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*9)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n^9)
angular distribution for \((n,n^{*}10)\)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*10)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*11)
angular distribution for (n,n*12)
angular distribution for (n,n^*12)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*13)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*13)
24-CR-50 FOR FENDL-3.2 FROM INDEMN-1.0 BY NJOY2016.60+
angular distribution for (n,n*14)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*14)
angular distribution for (n,n*15)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*15)
Prob/Cos

Cos: 1.0 0.5 0.0 0.5 1.0
N: 1.0 1.0 1.0 1.0

Energy (MeV): 4 6 8 10 12 14 16 18 20

24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+

angular distribution for (n,n*16)
angular distribution for \((n,n^*16)\)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n,n^{*17})\)
Prob|Cos
10^0
10^-2
1.0 0.5 0.0 -0.5 -1.0 20 30 40 50 60 70
Energy (MeV)
Cosine

24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*17)
angular distribution for (n,n*18)
angular distribution for (n,n*19)
angular distribution for (n,n*19)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*20)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*20)
angular distribution for (n,n*21)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n, n'21)\)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*22)
angular distribution for (n,n*22)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*23)
angular distribution for (n,n*24)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \( (n,n^*24) \)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*25)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*25)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+ angular distribution for (n,n*26)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*26)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*27)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*27)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*28)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*28)
angular distribution for (n,n*29)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*29)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*30)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*30)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n,n^*31)\)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n\*31)
angular distribution for (n,n*32)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*32)
angular distribution for (n,n*33)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*33)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*34)
angular distribution for (n,n*34)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n,n^*35)\)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*36)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*36)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*37)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,n*37)
24-CR-50 FOR FENDL-3.2 FROM INDEN 1.0 BY NJOY 2016.60+
Neutron emission for (n,x)
Neutron emission for (n,2n)
Neutron emission for (n,n*)p
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Neutron emission for \((n,n^*)d\)
Proba MeV

10
1
0.1
0.01
0.001
0.0001
0
10
20
30
40
30
20
10
0
Energy (MeV)

Sec. Energy

10 20 30 40 20 30 40 50 60 70

Neutron emission for (n,n*)he3
Neutron emission for (n,2np)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
Neutron emission for (n,2np)
Neutron emission for (n,n*c)
Photon emission for (n,x)
Photon emission for (n,2n)
Photon emission for \((n,n^*)d\)

![Graph showing photon emission for \((n,n^*)d\)]
Photon emission for (n,n*)he3
Photon emission for (n,2np)
Photon emission for $(n,2np)$
Photon emission for (n,n*c)
Photon emission for (n,gma)
Photon emission for (n,t)
Photon emission for (n,he3)
Photon emission for (n,2p)
Photon emission for \((n,pd)\)
Photon emission for (n,pt)
Photon emission for \( (n,p^c) \)
Photon emission for (n,a*c)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
thermal capture photon spectrum
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
14 MeV photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)
Particle heating contributions

- protons
- deuterons
- tritons
- he-3
- alphas
Recoil Heating

Heating (MeV/reaction) vs. Energy (MeV)
Particle production cross sections

Energy (MeV)

Cross section (barns)

protons
deuterons
tritons
he-3
alphas
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
protons from (n,x)
24-CR-50 FOR FENDL-3.2 FROM INDEN 1.0 BY NJOY 2016.60+
protons from (n,n*)p
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
protons from (n,2np)
24-CR-50 FOR FENDL-3.2 FROM INDEN 1.0 BY NJOY 2016.60+
protons from (n,2np)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
protons from (n,2p)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
protons from (n,pd)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
protons from (n,pt)
angular distribution for (n,p*0) proton
angular distribution for \((n,p^*0)\) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*1) proton

Energy (MeV) vs. Cosine vs. Prob/Cos
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*) proton
angular distribution for (n,p*2) proton
angular distribution for (n,p*2) proton
angular distribution for (n,p*3) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*3) proton
angular distribution for (n,p*4) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*4) proton
angular distribution for (n,p*5) proton

Energy (MeV)

Cosine

Prob|Cos

10^-1 1.0 0.5 0.0 -0.5-1.0 0

10^0 2 4 6 8 10 12 14 16 18 20
angular distribution for (n,p*5) proton
angular distribution for (n,p*6) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*6) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*7) proton
angular distribution for (n,p*7) proton

\[
\text{Prob}(\cos) = \begin{cases} 
1.0 & \text{for } 0.0 - 0.5 \\
0.1 & \text{for } 0.5 - 1.0 \\
10.0 & \text{for } 1.0 - 1.5 \\
100.0 & \text{for } 1.5 - 2.0 \\
1000.0 & \text{for } 2.0 - 2.5 \\
10000.0 & \text{for } 2.5 - 3.0 \\
100000.0 & \text{for } 3.0 - 3.5 \\
1000000.0 & \text{for } 3.5 - 4.0 \\
10000000.0 & \text{for } 4.0 - 4.5 \\
100000000.0 & \text{for } 4.5 - 5.0 \\
1000000000.0 & \text{for } 5.0 - 5.5 \\
10000000000.0 & \text{for } 5.5 - 6.0 \\
100000000000.0 & \text{for } 6.0 - 6.5 \\
1000000000000.0 & \text{for } 6.5 - 7.0 \\
10000000000000.0 & \text{for } 7.0 - 7.5 \\
100000000000000.0 & \text{for } 7.5 - 8.0 \\
1000000000000000.0 & \text{for } 8.0 - 8.5 \\
10000000000000000.0 & \text{for } 8.5 - 9.0 \\
100000000000000000.0 & \text{for } 9.0 - 9.5 \\
1000000000000000000.0 & \text{for } 9.5 - 10.0 \\
\end{cases}
\]
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n,p*8)\) proton
angular distribution for (n,p*8) proton
angular distribution for (n,p*9) proton
angular distribution for \( (n,p^*9) \) proton
angular distribution for (n,p*10) proton
angular distribution for $(n, p*10)$ proton
angular distribution for \((n,p^{*11})\) proton
angular distribution for (n,p*11) proton
angular distribution for (n,p*12) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n,p*12)\) proton
angular distribution for (n,p*13) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*13) proton
angular distribution for (n,p*14) proton
angular distribution for (n,p*14) proton
angular distribution for (n,p*15) proton
angular distribution for (n,p*15) proton
angular distribution for (n,p*16) proton
angular distribution for (n,p*16) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*17) proton
angular distribution for (n,p*17) proton
24-CR-50 FOR FENDL-3.2 FROM INDENN-1.0 BY NJOY2016.60+
angular distribution for (n,p*18) proton
angular distribution for (n,p*18) proton
angular distribution for (n,p*19) proton
angular distribution for (n,p*19) proton
angular distribution for \((n,p^*20)\) proton

24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*20) proton
angular distribution for (n,p*21) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n,p^*21)\) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*22) proton
angular distribution for (n,p*22) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*23) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*23) proton
angular distribution for (n,p*24) proton
angular distribution for (n,p*24) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*25) proton
angular distribution for (n,p\*25) proton
angular distribution for (n,p*26) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*26) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*27) proton
angular distribution for (n,p*27) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*28) proton
angular distribution for (n,p*28) proton
angular distribution for (n,p*29) proton
angular distribution for (n,p*29) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*30) proton
angular distribution for (n,p*30) proton
angular distribution for \((n,p^{*31})\) proton
angular distribution for (n,p*31) proton
 angular distribution for (n,p*32) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*33) proton
angular distribution for (n,p*33) proton
angular distribution for \((n,p^*34)\) proton
angular distribution for (n,p*34) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*35) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*35) proton
angular distribution for (n,p*36) proton
angular distribution for (n,p*36) proton
angular distribution for \((n, p^*37)\) proton
angular distribution for (n,p*37) proton
angular distribution for (n,p*38) proton
angular distribution for (n,p*38) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,p*39) proton
angular distribution for \((n,p*39)\) proton
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
protons from $(n,p^*c)$
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
deuteron from (n,x)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
deuterons from (n,n*)d
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
deuterons from (n,d)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
deuterons from (n,pd)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
tritons from (n,x)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+ tritons from (n,t)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
tritons from (n,pt)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+he3s from (n,x)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
he3s from (n,n*)he3
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
he3s from (n,he3)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
alphas from (n,x)
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*0) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*0) alpha
angular distribution for (n,a*1) alpha
angular distribution for (n,a*1) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*2) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*2) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*3) alpha
angular distribution for (n,a*3) alpha
angular distribution for (n,a*4) alpha
angular distribution for (n,a*4) alpha
angular distribution for (n,a*5) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*5) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*6) alpha
angular distribution for (n,a*6) alpha
angular distribution for (n,a*7) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n,a^*7)\) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n, a^8)\) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*8) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEP-1.0 BY NJOY2016.60+
angular distribution for (n,a*9) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*9) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*10) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*10) alpha
angular distribution for (n,a*11) alpha
angular distribution for (n,a*11) alpha
angular distribution for (n,a*12) alpha
angular distribution for (n,a*12) alpha
angular distribution for (n,a*13) alpha
angular distribution for (n,a*13) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n,a^*14)\) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*14) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*15) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*15) alpha
angular distribution for (n,a*16) alpha
angular distribution for (n,a*16) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*17) alpha
angular distribution for \((n,a*17)\) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*18) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60
angular distribution for (n,α*18) alpha
24-CR-50 FOR FENDL-3.2 FROM INDIEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*19) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*19) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n, a^*20)\) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*20) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*21) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*21) alpha

![Graph showing angular distribution for (n,a*21) alpha]
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*22) alpha
angular distribution for (n,a*22) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \( (n,a^\ast23) \) alpha
angular distribution for (n,a*23) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*24) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*24) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*25) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60
angular distribution for (n,a*25) alpha
angular distribution for (n,a*26) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a^26) alpha
angular distribution for (n,a*27) alpha
angular distribution for (n,a*27) alpha
angular distribution for \((n, a^*28)\) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*28) alpha
angular distribution for (n,a*29) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*29) alpha
angular distribution for (n,a*30) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*30) alpha
24-CR-50 FOR FENDL-3.2 FROM INDE-1.0 BY NJOY2016.60+
angular distribution for (n,a*31) alpha
angular distribution for (n, a*31) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*32) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,α*32) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*33) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*33) alpha
angular distribution for (n,a*34) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*34) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n,a^*35)\) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*35) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*36) alpha
angular distribution for (n,\alpha^*36) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n, a*37) alpha
angular distribution for \((n, a^*37)\) alpha
angular distribution for (n,a*38) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for \((n,a^*38)\) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
angular distribution for (n,a*39) alpha
angular distribution for \((n,a*39)\) alpha
24-CR-50 FOR FENDL-3.2 FROM INDEN-1.0 BY NJOY2016.60+
alphas from (n,a*c)