ENDF/B-III N-14
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-III N-14
resonance total cross section

Cross section (barns)

Energy (MeV)
E\textsuperscript{̃}NDF/B-III N-14
resonance absorption cross sections

\begin{figure}
\centering
\includegraphics[width=\textwidth]{resonance_cross_sections}
\end{figure}

- \textbf{E\textsuperscript{̃}NDF/B-III N-14}
- \textbf{resonance absorption cross sections}

\begin{figure}
\centering
\includegraphics[width=\textwidth]{resonance_cross_sections}
\end{figure}

\textbf{Cross section (barns)}

\begin{axis}[
    xlabel={Energy (MeV)},
    ylabel={Cross section (barns)},
    xmode=log,
    ymode=log,
]
\addplot [thin, dashed, mark=none] coordinates {
    (1, 1000)
    (10, 100)
    (100, 10)
    (1000, 1)
};
\addlegendentry{capture}
\end{axis}
\end{figure}
ENDF/B-III N-14
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-III N-14
Principal cross sections

![Graph showing energy versus cross section.](image)

- **Total Cross Section**
- **Absorption Cross Section**
- **Elastic Cross Section**
- **Gamma Production Cross Section**
ENDF/B-III N-14
Non-threshold reactions

![Graph showing cross section vs. energy for N-14. The graph includes data for (n,gamma) and (n,p) reactions.](image)
ENDF/B-III N-14
Inelastic levels

Energy (MeV)

Cross section (barns)

(n,n*11)
(n,n*12)
(n,n*13)
(n,n*14)
(n,n*15)
ENDF/B-III N-14
Inelastic levels

Cross section (barns) vs. Energy (MeV) graph.

- Black line: (n,n*31)
- Red line: (n,n*32)
ENDF/B-III N-14
Threshold reactions

Cross section (barns)

Energy (MeV)
ENDF/B-III N-14
Threshold reactions

Cross section (barns)

Energy (MeV)

\( (n,a\times10) \)
ENDF/B-III N-14
angular distribution for elastic
ENDF/B-III N-14
angular distribution for (n,2n)
ENDF/B-III N-14
angular distribution for (n,n*1)
ENDF/B-III N-14
angular distribution for \( (n,n^*2) \)
ENDF/B-III N-14
angular distribution for (n,n^3)
ENDF/B-III N-14
angular distribution for (n,n*4)
ENDF/B-III N-14
angular distribution for (n,n*5)
ENDF/B-III N-14
angular distribution for (n,n*6)
ENDF/B-III N-14
angular distribution for (n,n*7)
ENDF/B-III N-14
angular distribution for (n,n^8)
ENDF/B-III N-14
angular distribution for \((n,n^*9)\)
ENDF/B-III N-14
angular distribution for (n,n*10)
ENDF/B-III N-14
angular distribution for (n,n*11)
ENDF/B-III N-14
angular distribution for (n,n*12)
ENDF/B-III N-14
angular distribution for (n,n*13)
ENDF/B-III N-14
angular distribution for (n,n*14)
ENDF/B-III N-14
angular distribution for (n,n*15)
ENDF/B-III N-14
angular distribution for (n,n*17)
ENDF/B-III N-14
angular distribution for (n,n*18)
ENDF/B-III N-14 angular distribution for (n,n*19)
ENDF/B-III N-14
angular distribution for (n,n*20)
ENDF/B-III N-14
angular distribution for (n,n*21)
ENDF/B-III N-14
angular distribution for (n,n*22)
ENDF/B-III N-14
angular distribution for \((n,n^*23)\)
ENDF/B-III N-14
angular distribution for (n,n*24)
ENDF/B-III N-14
angular distribution for (n,n*25)
ENDF/B-III N-14
angular distribution for (n,n*26)
ENDF/B-III N-14
angular distribution for (n,n*27)
ENDF/B-III N-14
angular distribution for (n,n^*28)
ENDF/B-III N-14
angular distribution for (n,n*29)
ENDF/B-III N-14
angular distribution for (n,n*30)
ENDF/B-III N-14
angular distribution for \((n,n^*31)\)
ENDF/B-III N-14
angular distribution for (n,n^32)
ENDF/B-III N-14
Neutron emission for (n,2n)
ENDF/B-III N-14
thermal capture photon spectrum
ENDF/B-III N-14
14 MeV photon spectrum

Gamma Energy (MeV)

Gamma Prod (barns/MeV)