ENDF/B-III U-234
Principal cross sections

Energy (MeV) vs. Cross section (barns)

- Total
- Absorption
- Elastic
ENDF/B-III U-234
resonance total cross section

Energy (MeV)

Cross section (barns)
ENDF/B-III U-234
resonance total cross section

Cross section (barns) vs. Energy (MeV)
ENDF/B-III U-234
resonance total cross section

Cross section (barns)

Energy (MeV)
ENDF/B-III U-234
resonance absorption cross sections

Energy (MeV)

Cross section (barns)

Capture
ENDF/B-III U-234
resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-III U-234 resonance absorption cross sections

Cross section (barns)

Energy (MeV)
ENDF/B-III U-234
UR total cross section

Energy (MeV)

Cross section (barns)

- Inf. Dil.
- 100 b
- 1 b

Energy (MeV)

Cross section (barns)

$10^{1}$

$10^{-3}$
ENDF/B-III U-234
UR elastic cross section

Cross section (barns)

Energy (MeV)

Inf. Dil.
100 b
1 b
ENDF/B-III U-234
UR capture cross section

Energy (MeV)

Cross section (barns)

- Inf. Dil.
- 100 b
- 1 b

10^1

10^0

10^{-1}

10^{-2}

10^{-3}

10^{-4}

10^{-5}

Energy (MeV)
ENDF/B-III U-234
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-III U-234
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic

Energy (MeV)
ENDF/B-III U-234
Non-threshold reactions

Energy (MeV)

Cross section (barns)

(n,gma)
ENDF/B-III U-234
Inelastic levels

Cross section (barns)

Energy (MeV)
ENDF/B-III U-234
Inelastic levels

Cross section (barns)

Energy (MeV)
ENDF/B-III U-234
Threshold reactions

- (n,2n)
- (n,3n)
- (n,n*c)
ENDF/B-III U-234
angular distribution for elastic
ENDF/B-III U-234
angular distribution for (n,2n)
ENDF/B-III U-234
angular distribution for (n,3n)
ENDF/B-III U-234
angular distribution for fission
ENDF/B-III U-234
angular distribution for (n,n*1)
ENDF/B-III U-234 angular distribution for (n,n*2)

\[
\begin{array}{cccc}
\text{Prob/Cos} & 10^{-1} & 10^{-0} & 10^{0} \\
\text{Cosine} & 0.0 & 0.5 & 1.0 \\
\text{Energy (MeV)} & 0 & 4 & 6 & 8 & 10 & 12 & 14 & 16 \\
\end{array}
\]
ENDF/B-III U-234
angular distribution for \((n,n^*3)\)
ENDF/B-III U-234
angular distribution for (n,n*4)
ENDF/B-III U-234
angular distribution for (n,n*5)
ENDF/B-III U-234
angular distribution for (n,n*6)
ENDF/B-III U-234
angular distribution for (n,n*c)
ENDF/B-III U-234
Total fission nubar

Energy (MeV)

Fission nubar

Energy (MeV)