ENDF/B-VI BE-9
Principal cross sections

Energy (MeV)

Cross section (barns)

- total
- absorption
- elastic
- gamma production

Energy (MeV)
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Non-threshold reactions

Energy (MeV)

Cross section (barns)

$10^{-3}$

$10^{-4}$

$10^{-5}$

(n,gma)
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Threshold reactions

Energy (MeV)

Cross section (barns)

(n,2n)  (n,p)  (n,d)  (n,t)  (n,a)
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Threshold reactions

Cross section (barns) vs. Energy (MeV)

- (n,d*0)
- (n,t*0)
- (n,t*1)
- (n,a*0)
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angular distribution for elastic
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Photon emission for (n,gma)
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Photon emission for (n,t*1)
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thermal capture photon spectrum
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14 MeV photon spectrum
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Recoil Heating

Energy (MeV) vs. Heating (MeV/reaction) graph showing the recoil heating for different energy values.
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alphas from (n,2n)