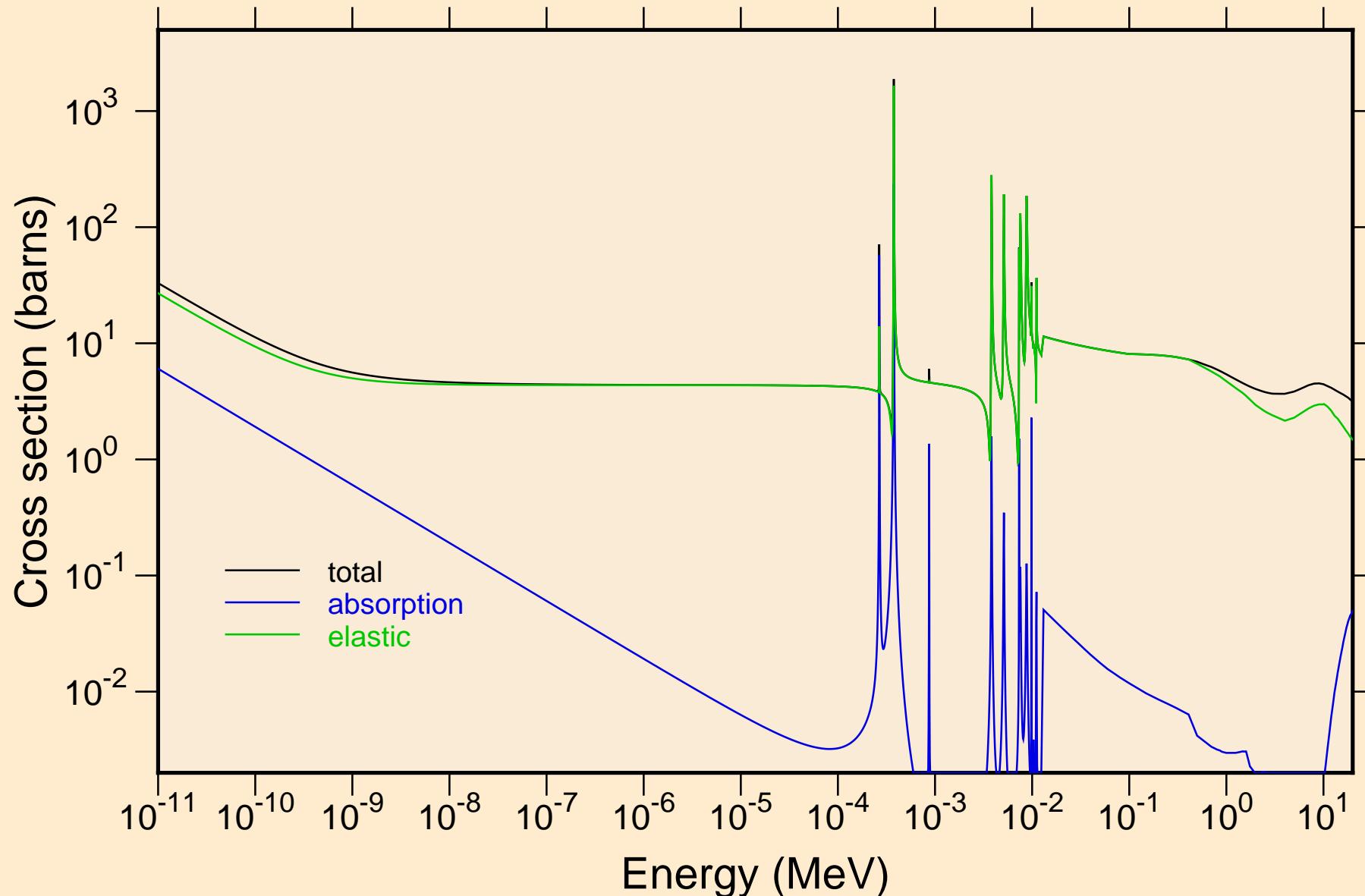
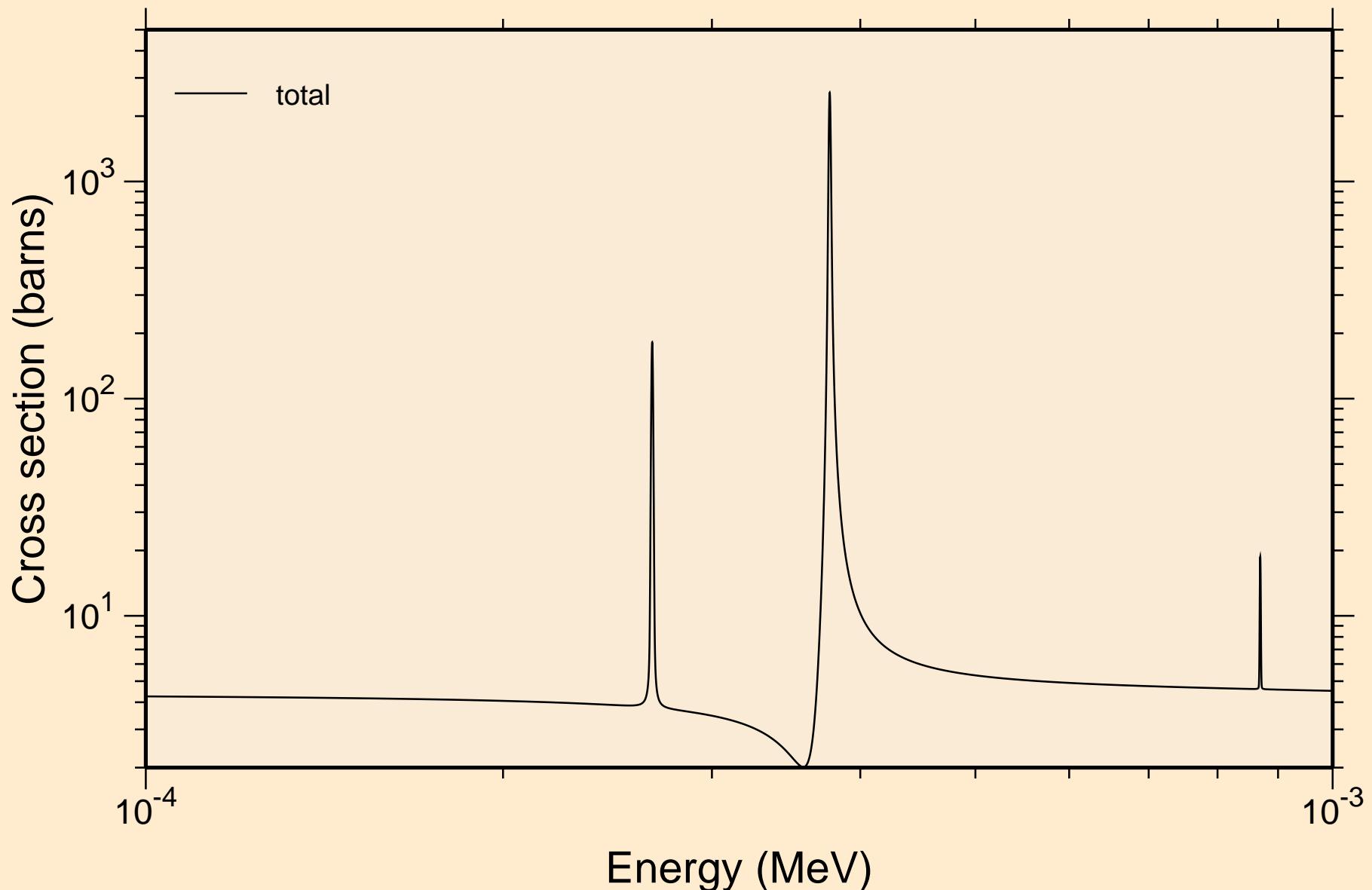


# ENDF/B-VII RB-87

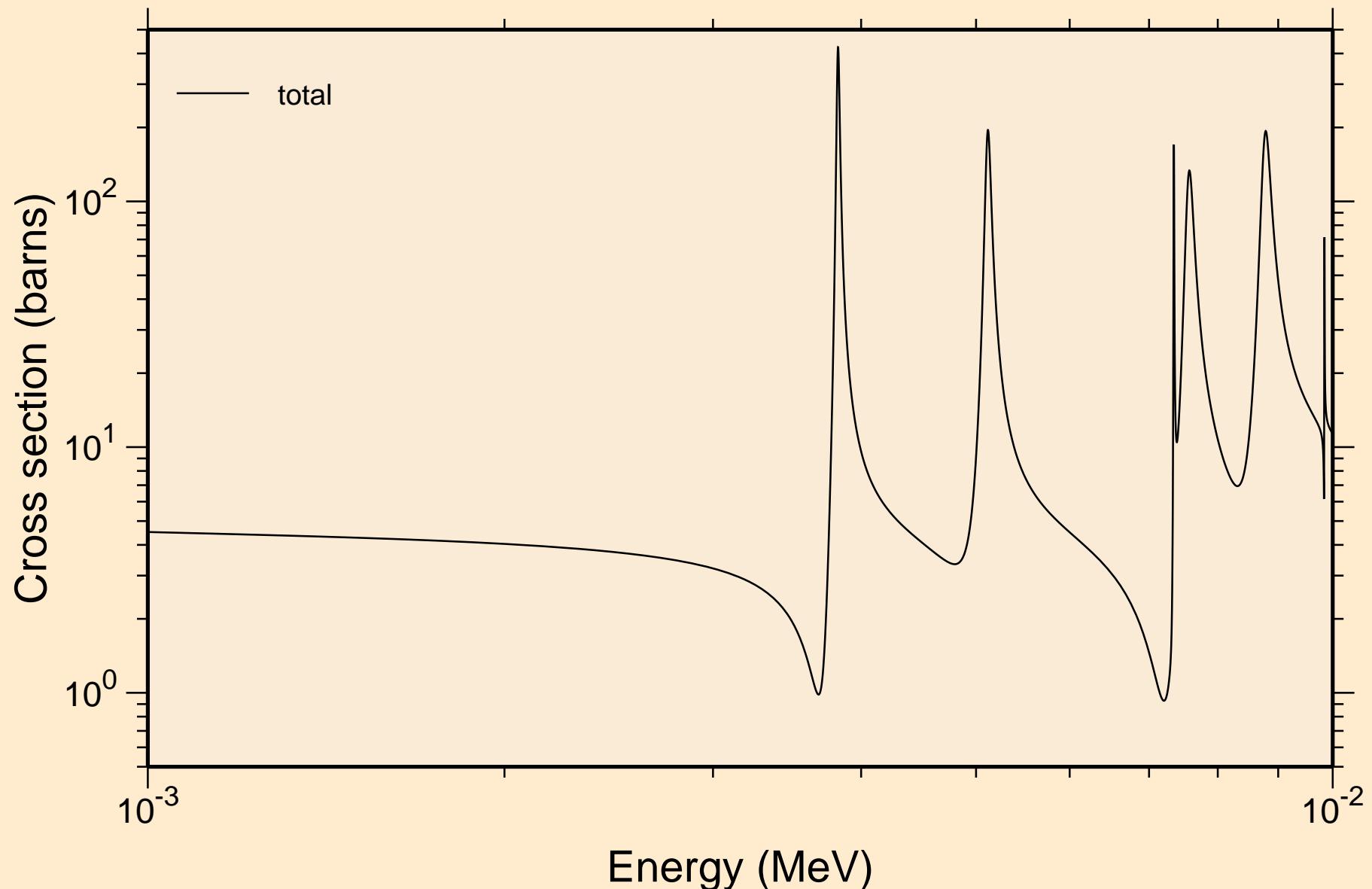
## Principal cross sections



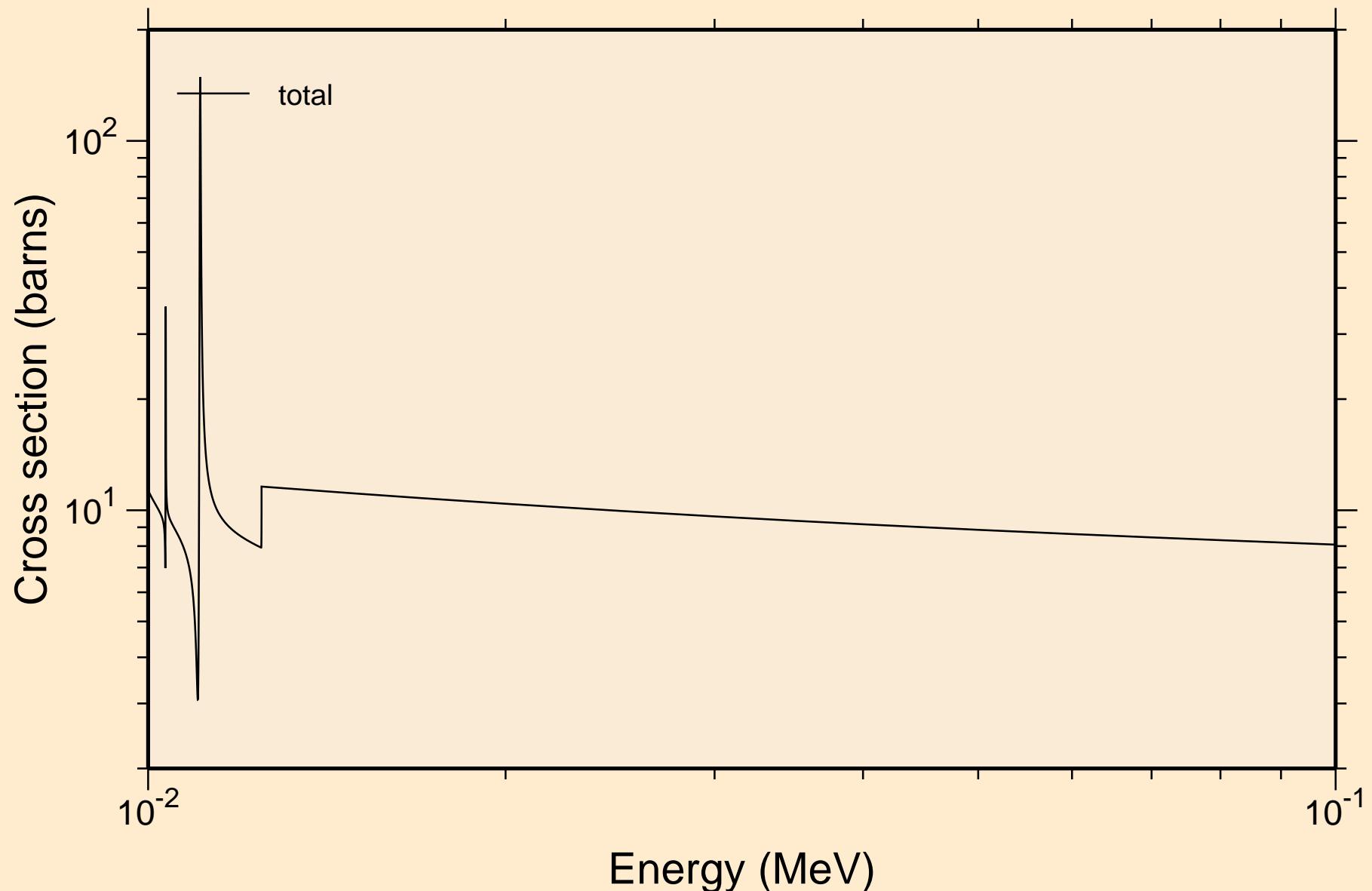
ENDF/B-VII RB-87  
resonance total cross section



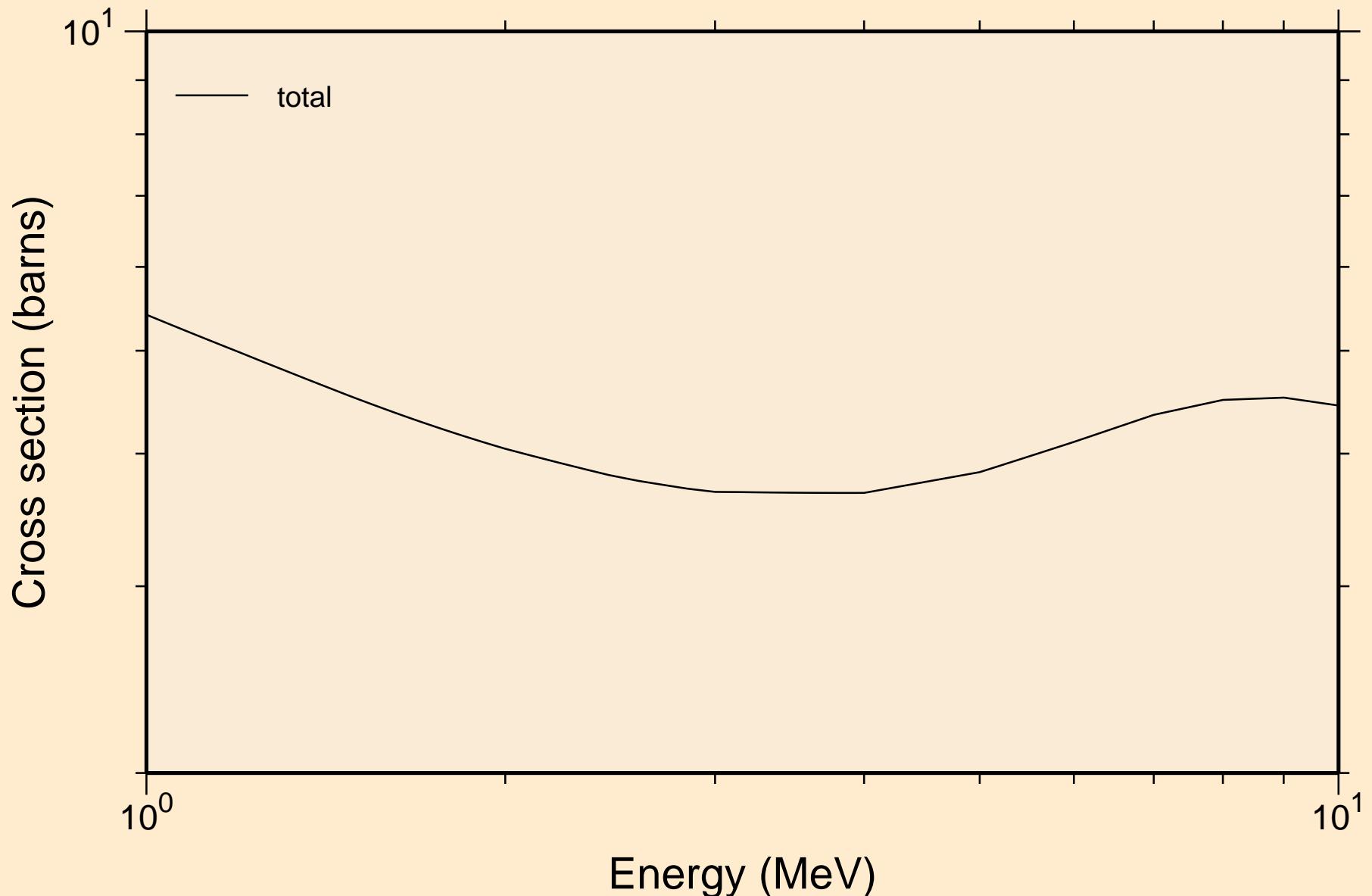
ENDF/B-VII RB-87  
resonance total cross section



ENDF/B-VII RB-87  
resonance total cross section

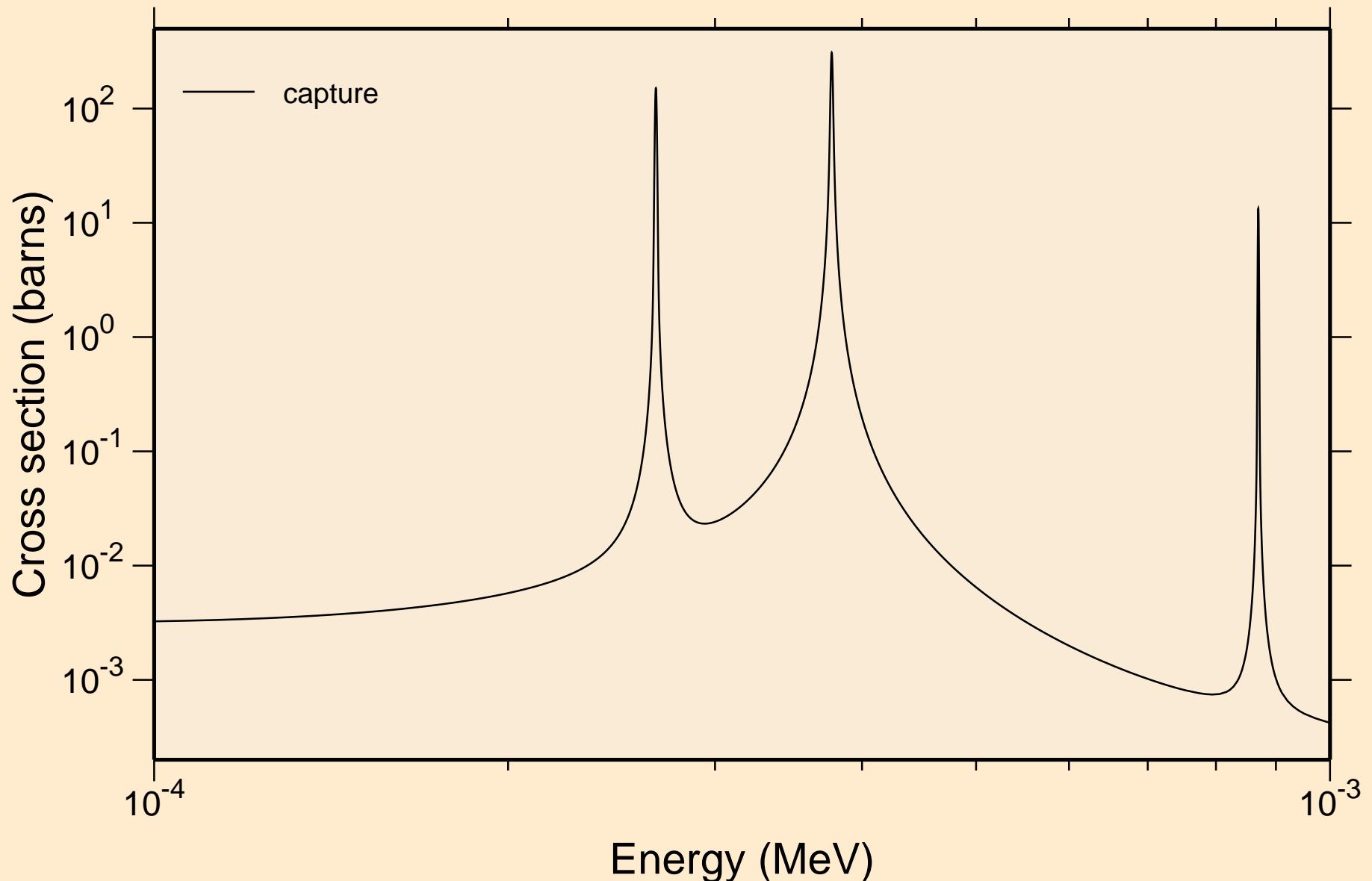


ENDF/B-VII RB-87  
resonance total cross section



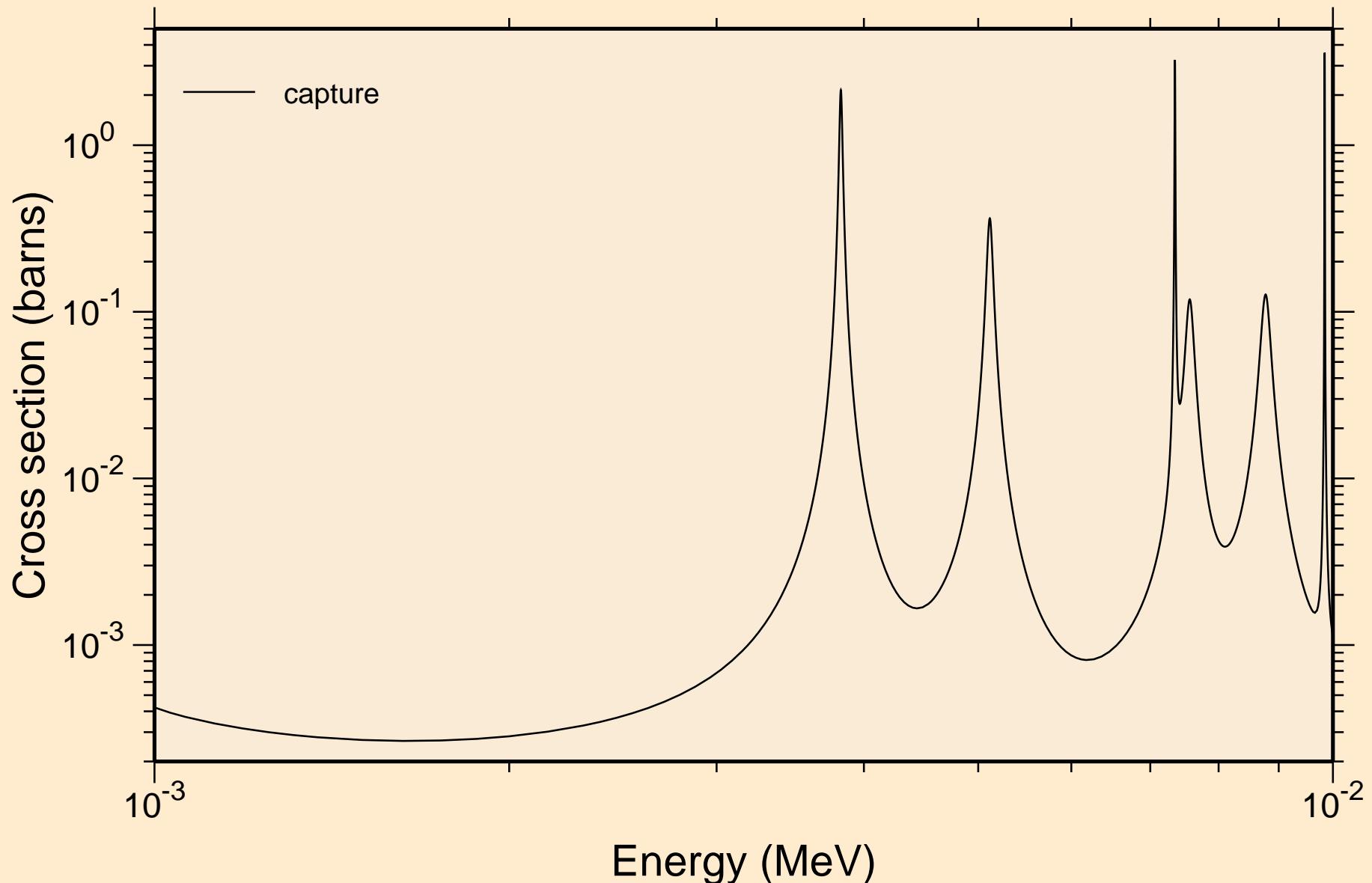
# ENDF/B-VII RB-87

## resonance absorption cross sections



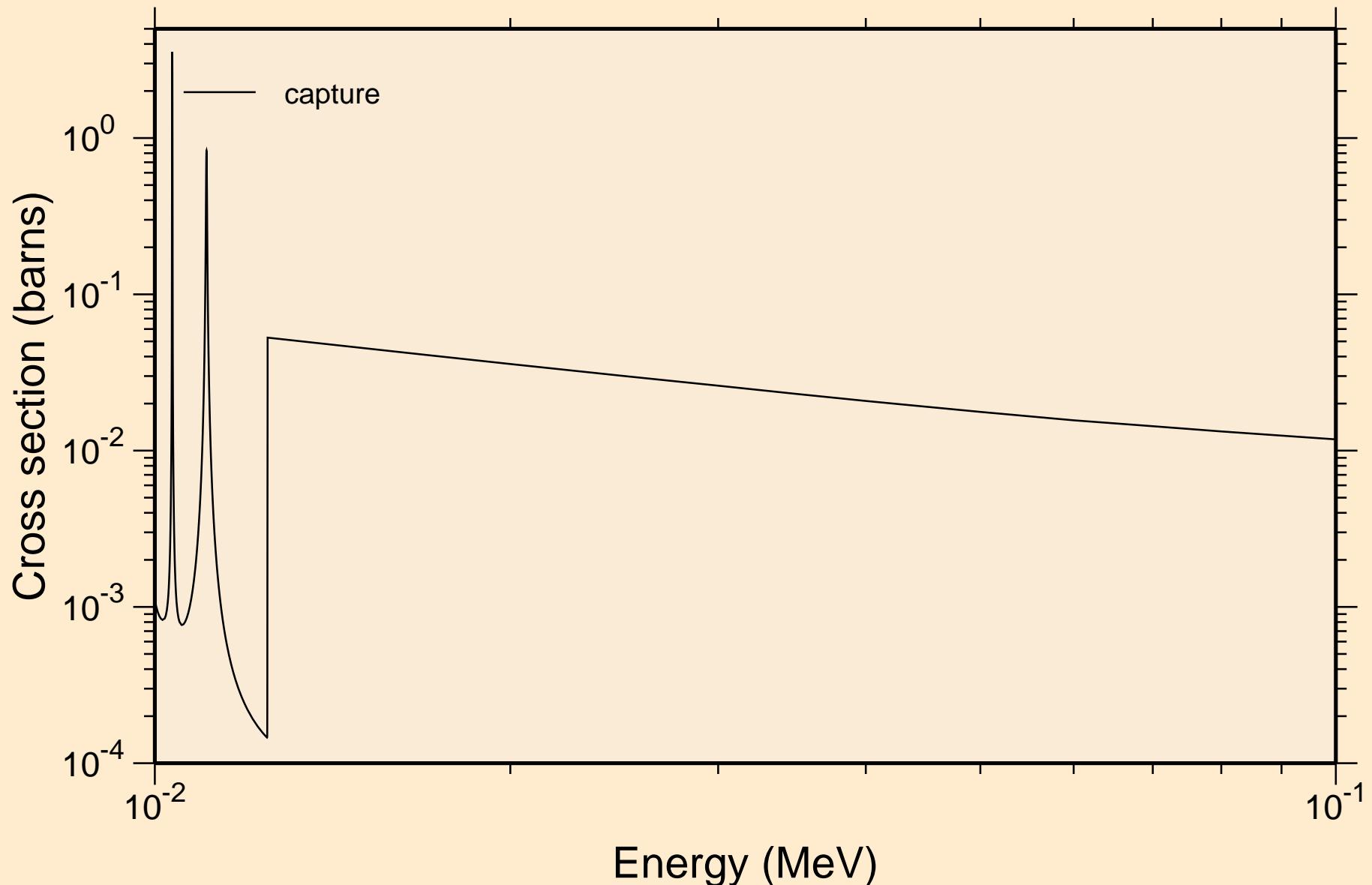
# ENDF/B-VII RB-87

## resonance absorption cross sections

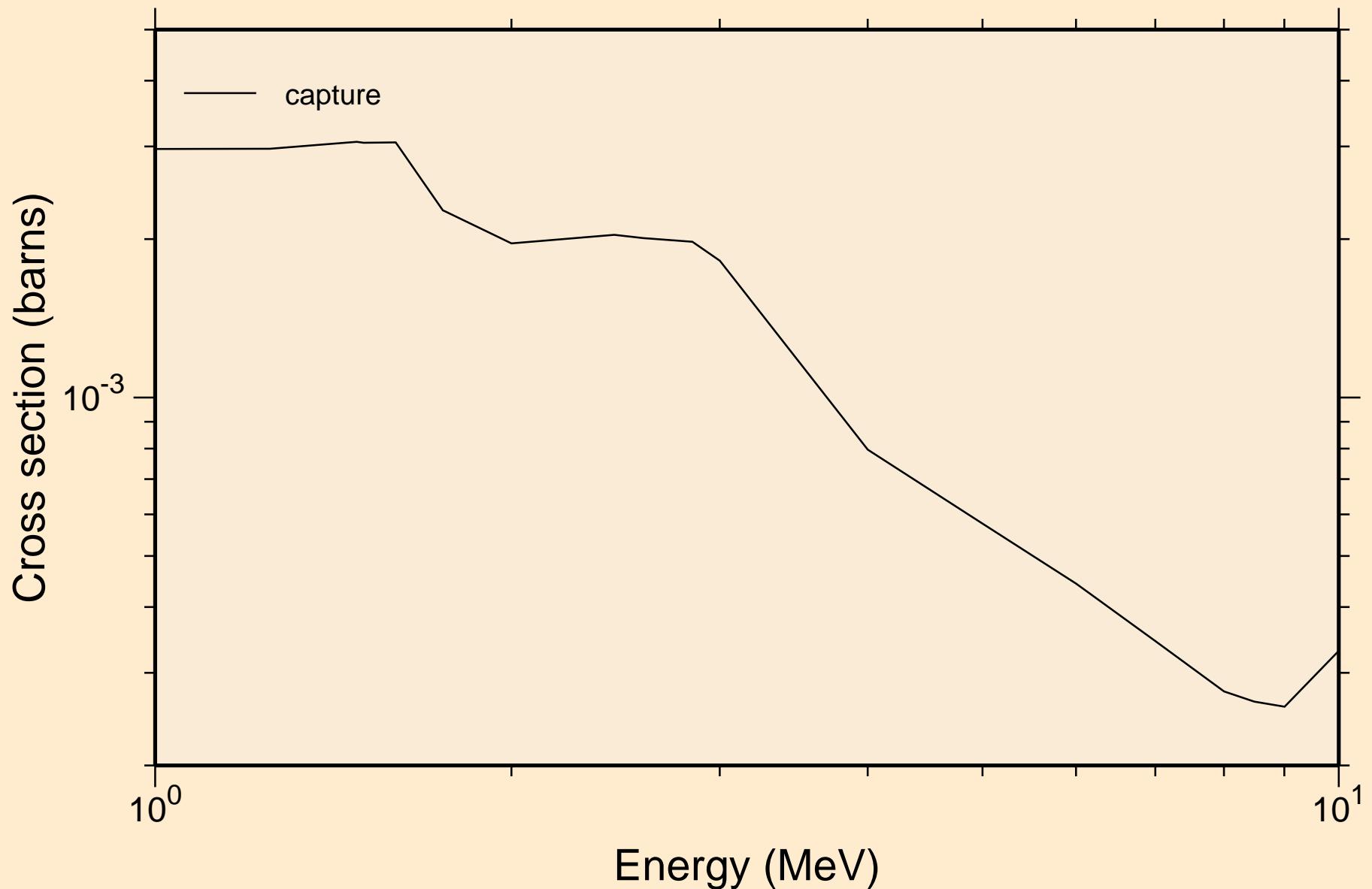


# ENDF/B-VII RB-87

## resonance absorption cross sections

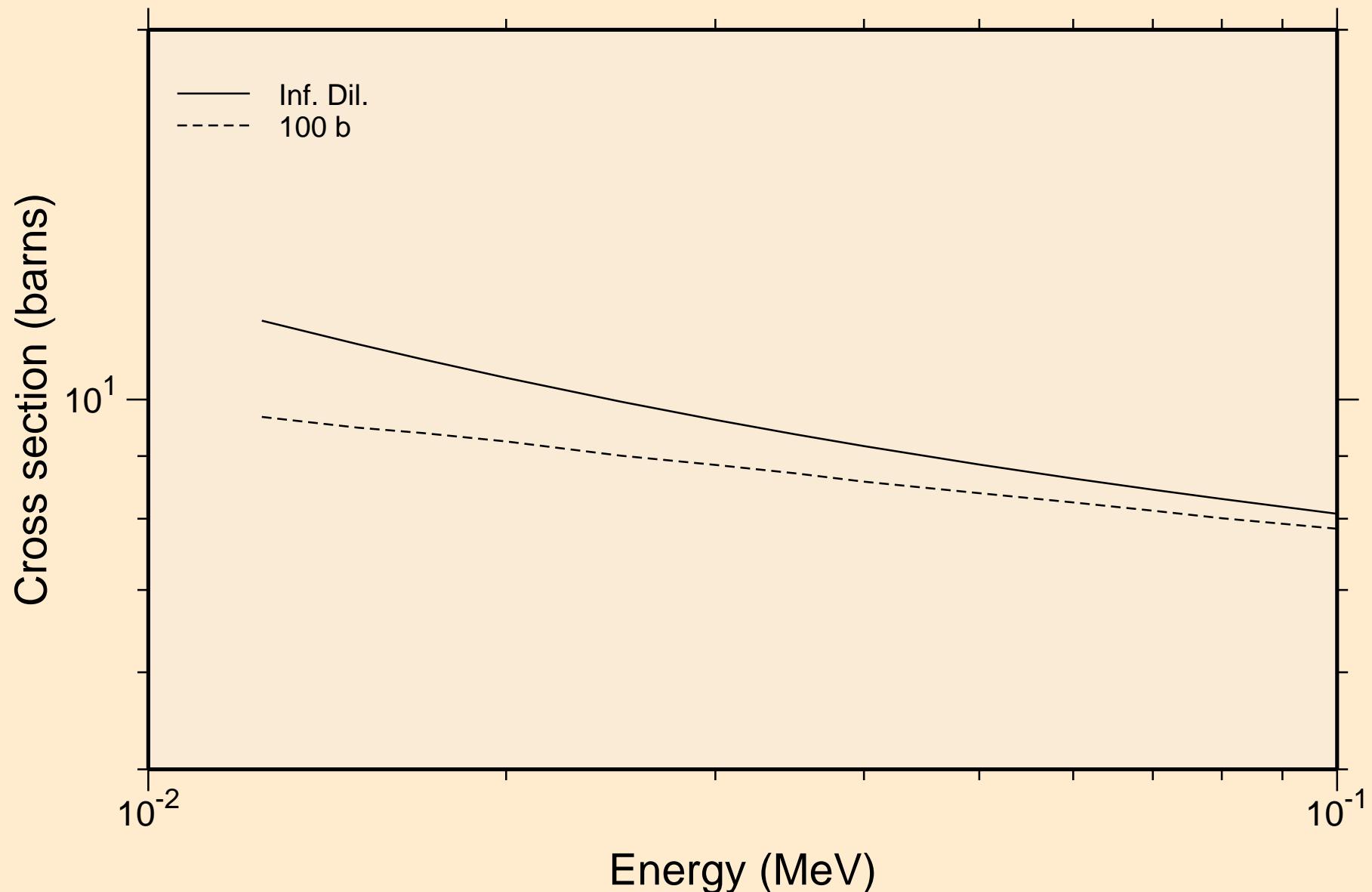


ENDF/B-VII RB-87  
resonance absorption cross sections



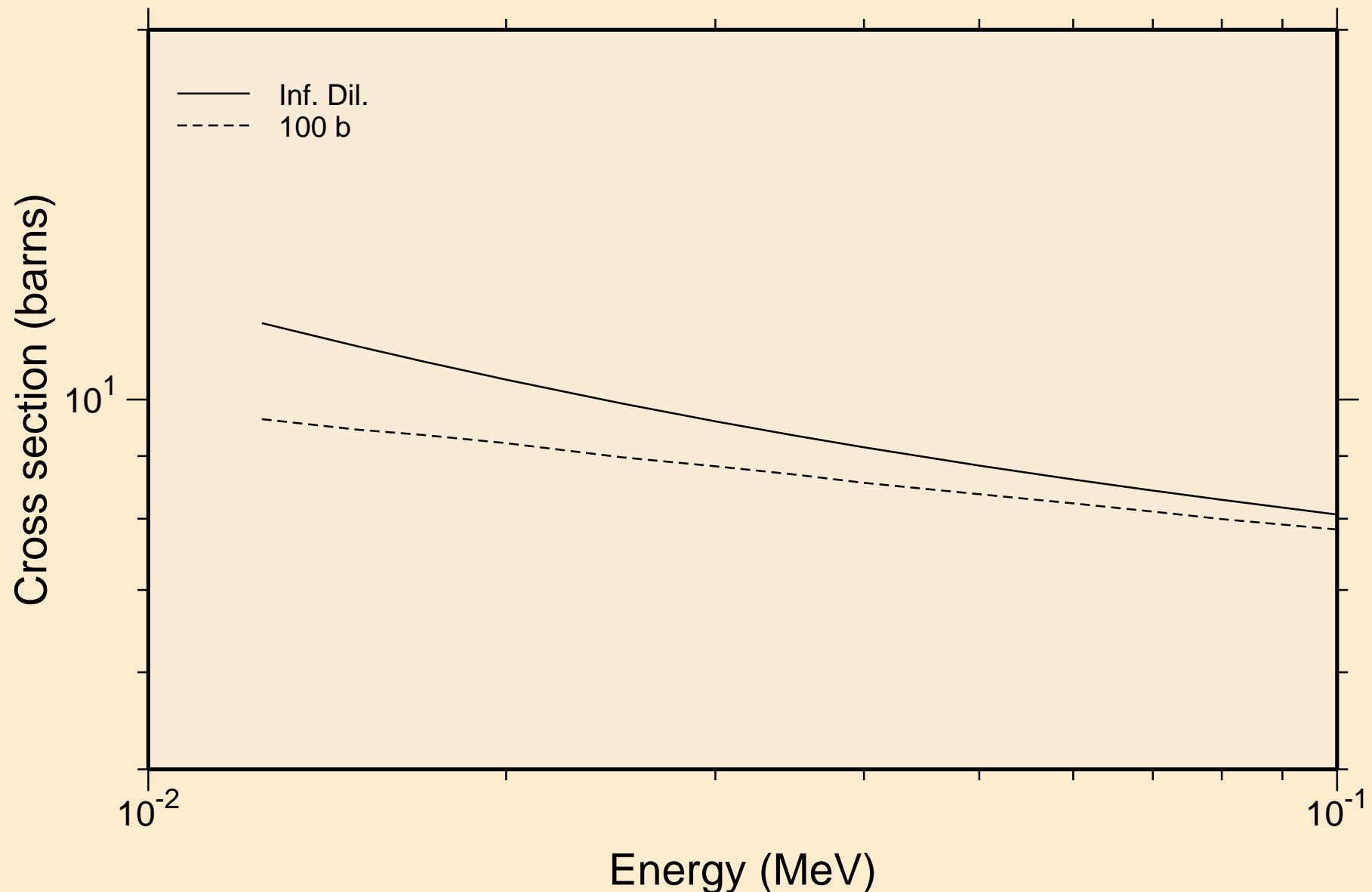
# ENDF/B-VII RB-87

## UR total cross section



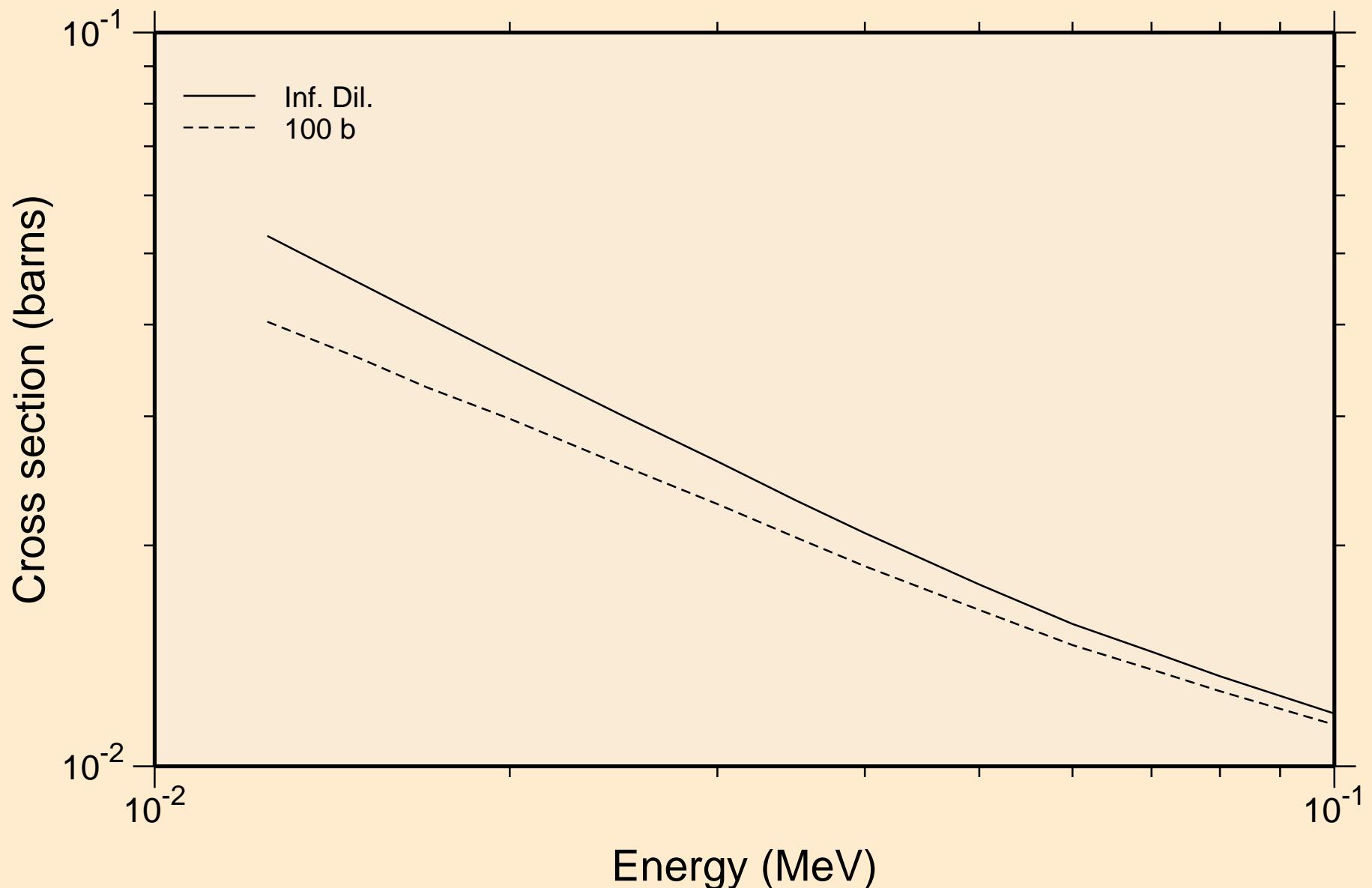
# ENDF/B-VII RB-87

## UR elastic cross section

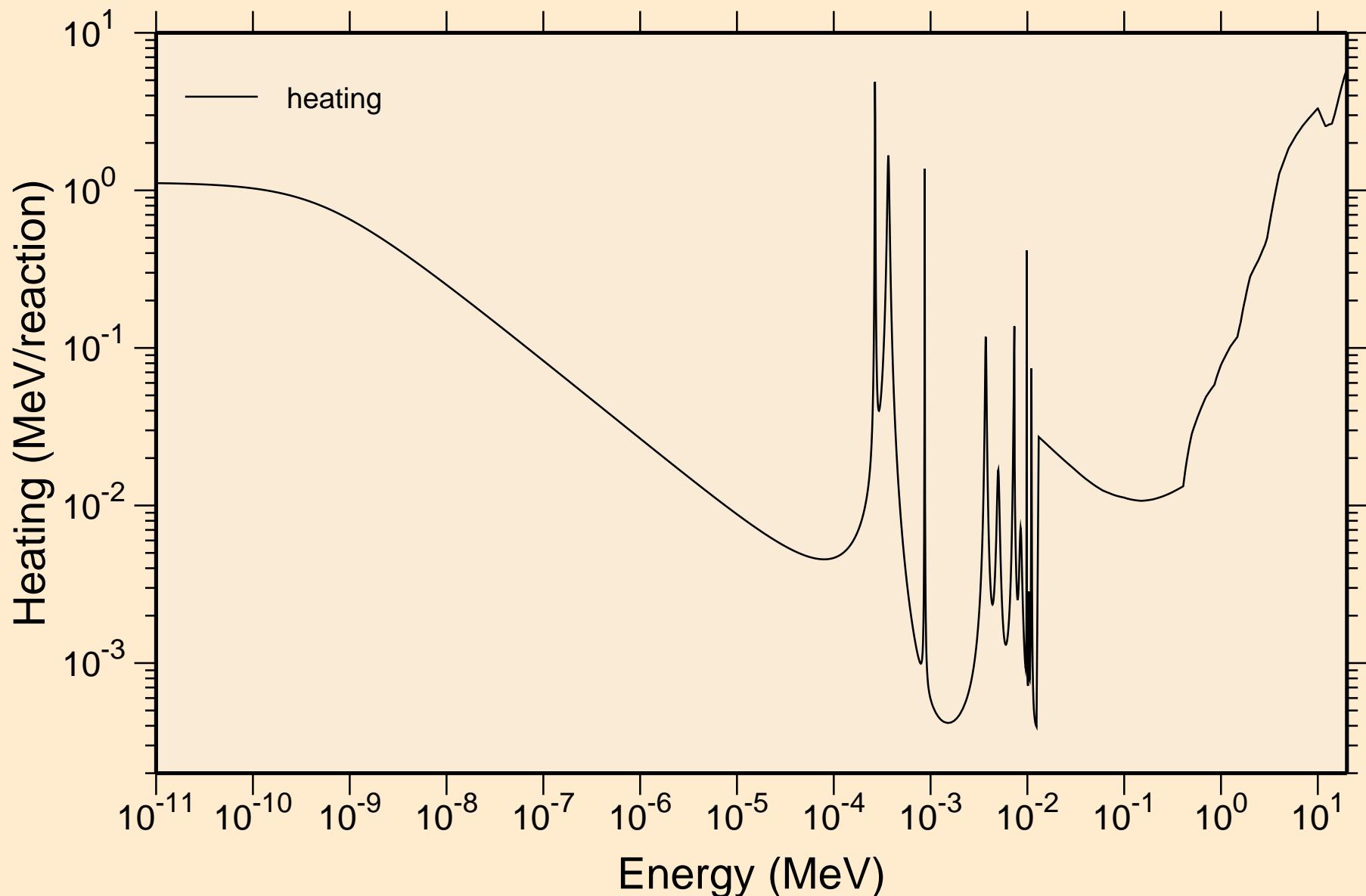


# ENDF/B-VII RB-87

## UR capture cross section

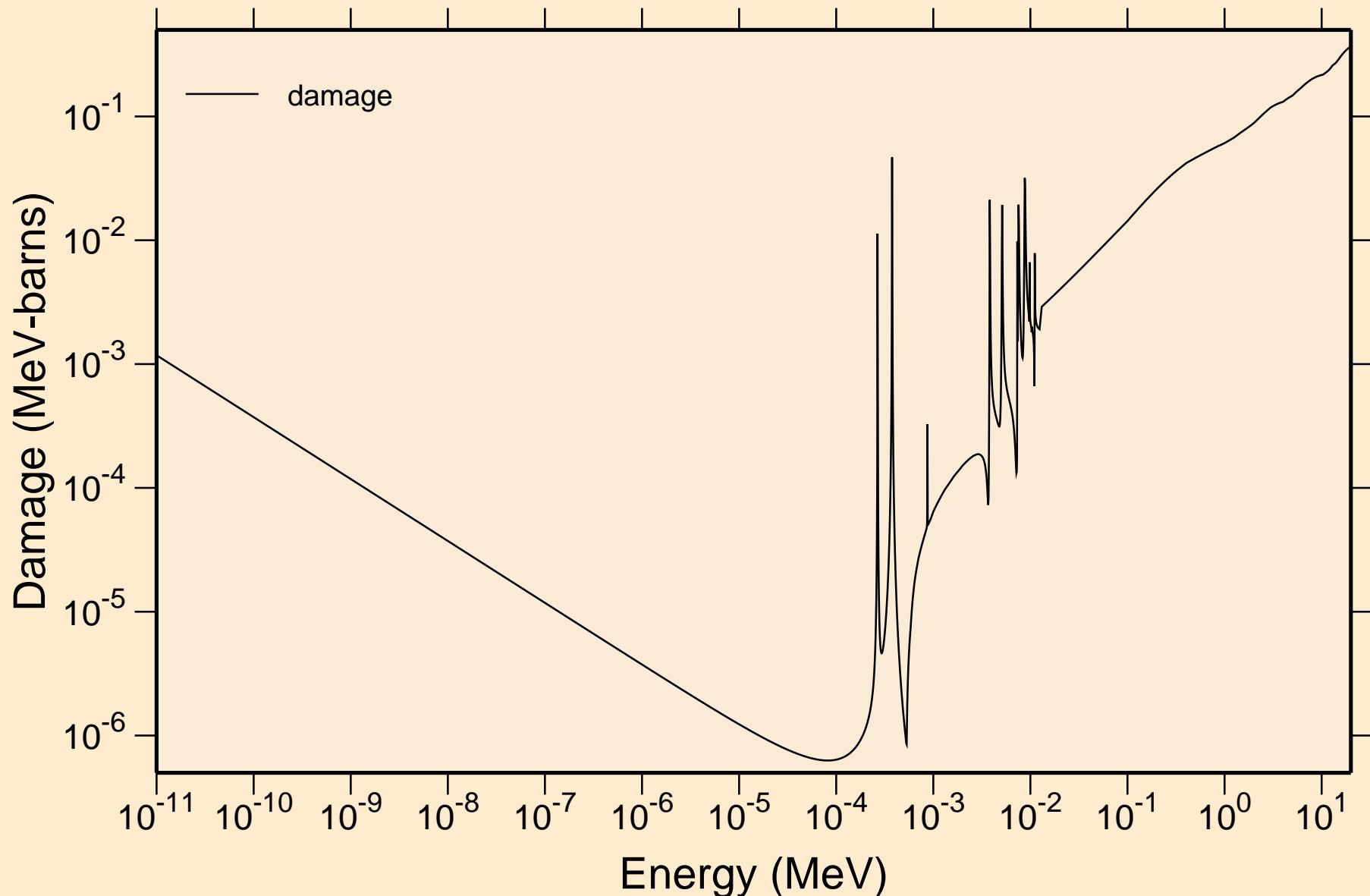


ENDF/B-VII RB-87  
Heating

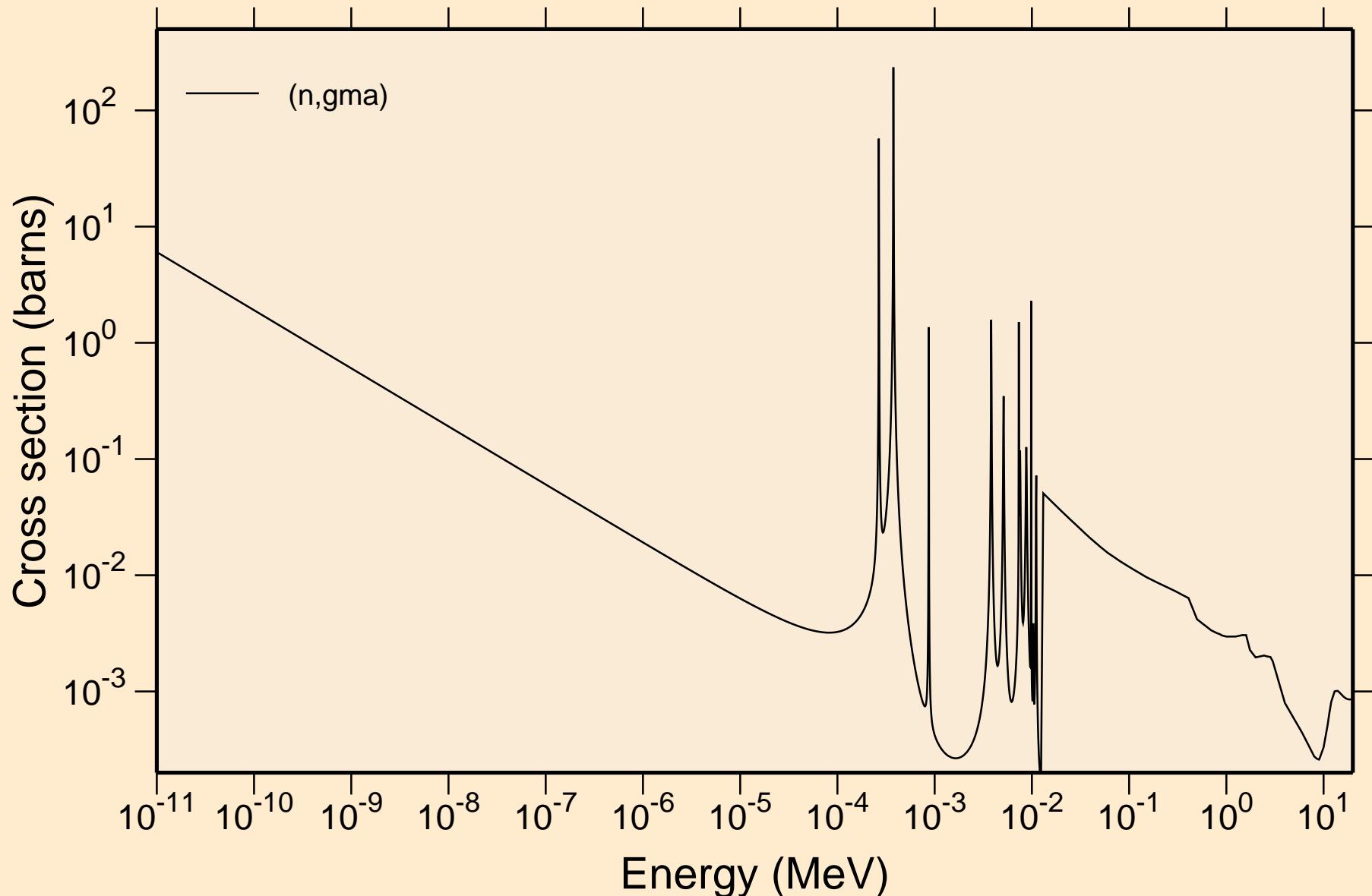


# ENDF/B-VII RB-87

## Damage

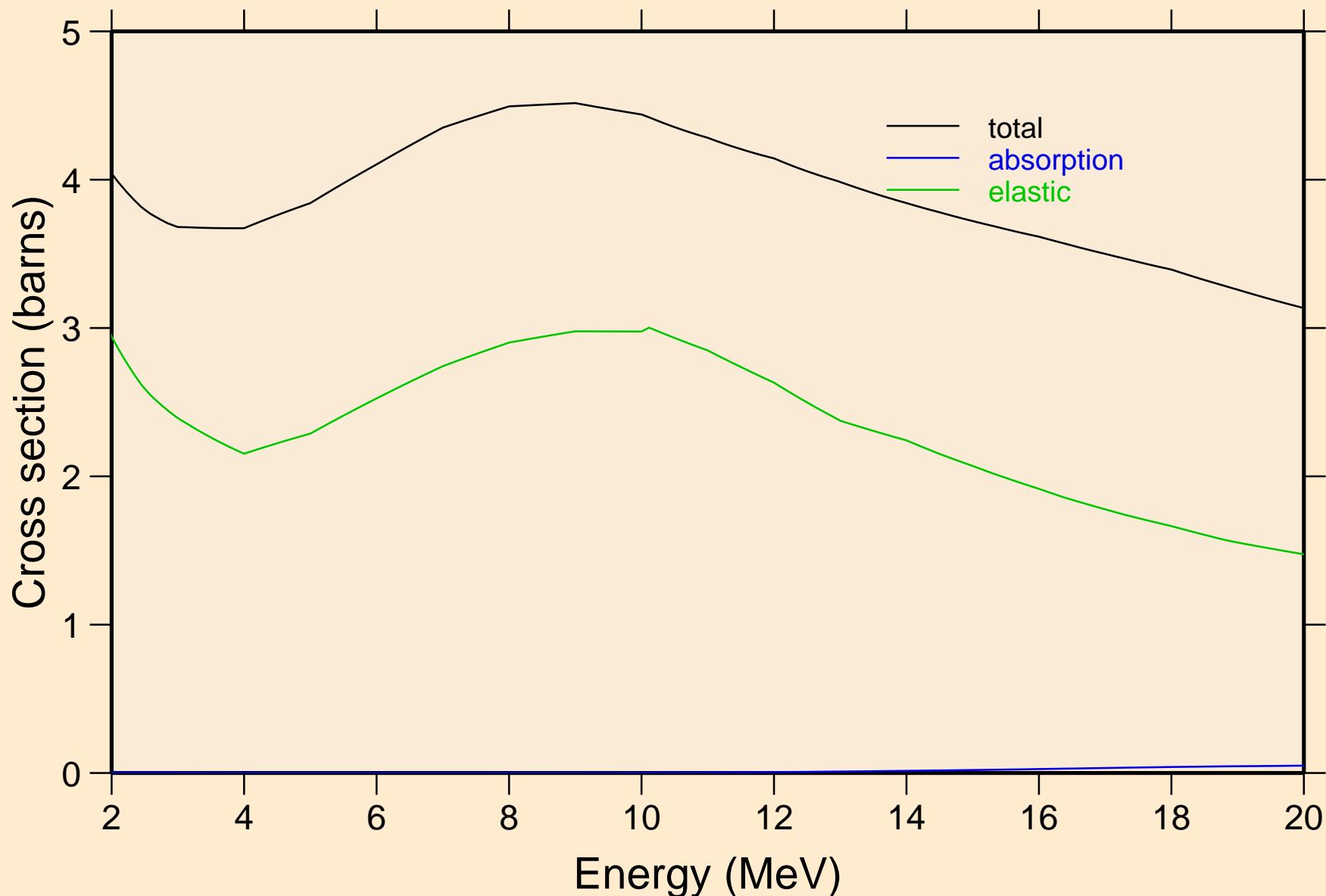


ENDF/B-VII RB-87  
Non-threshold reactions

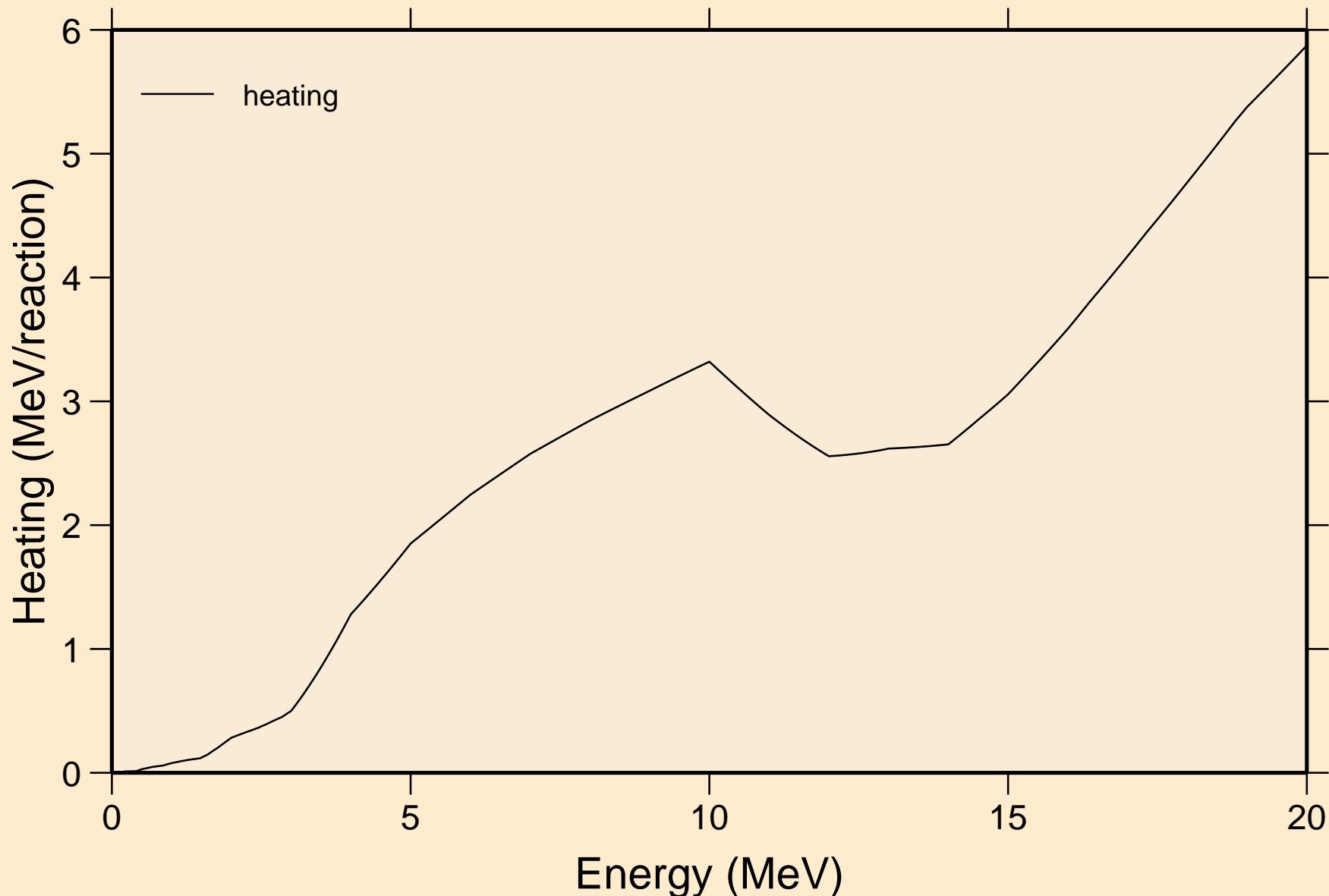


# ENDF/B-VII RB-87

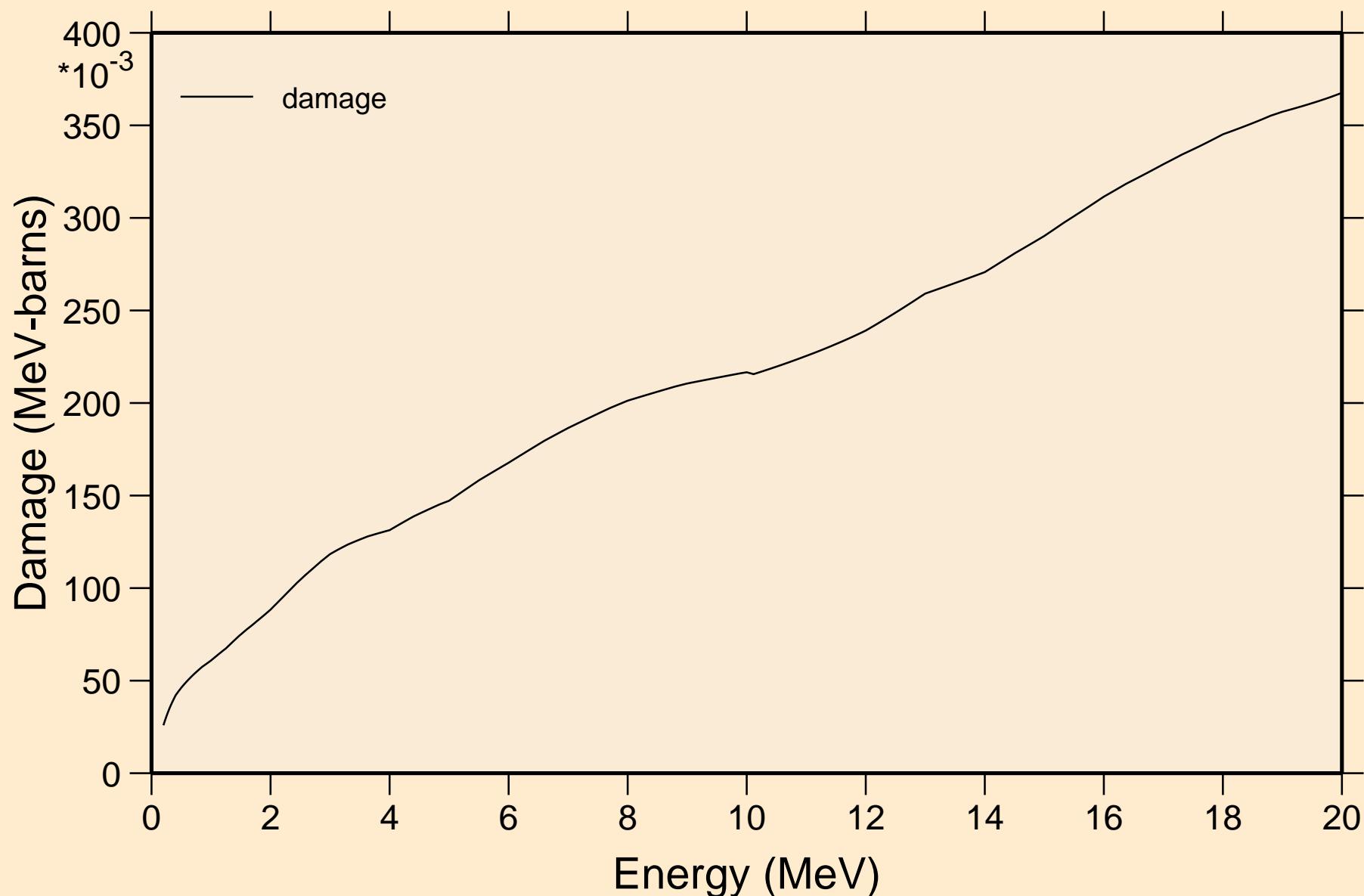
## Principal cross sections



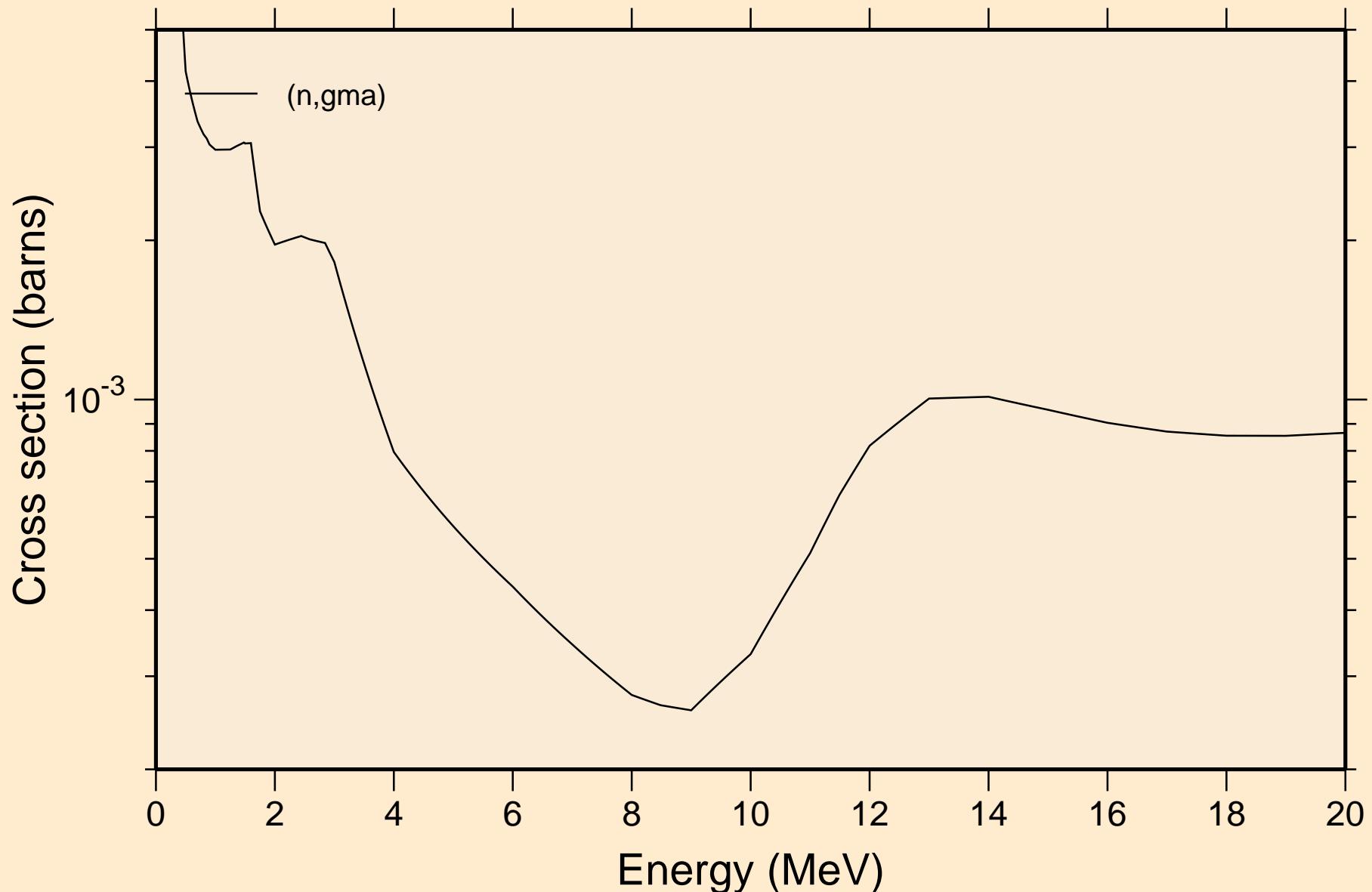
ENDF/B-VII RB-87  
Heating



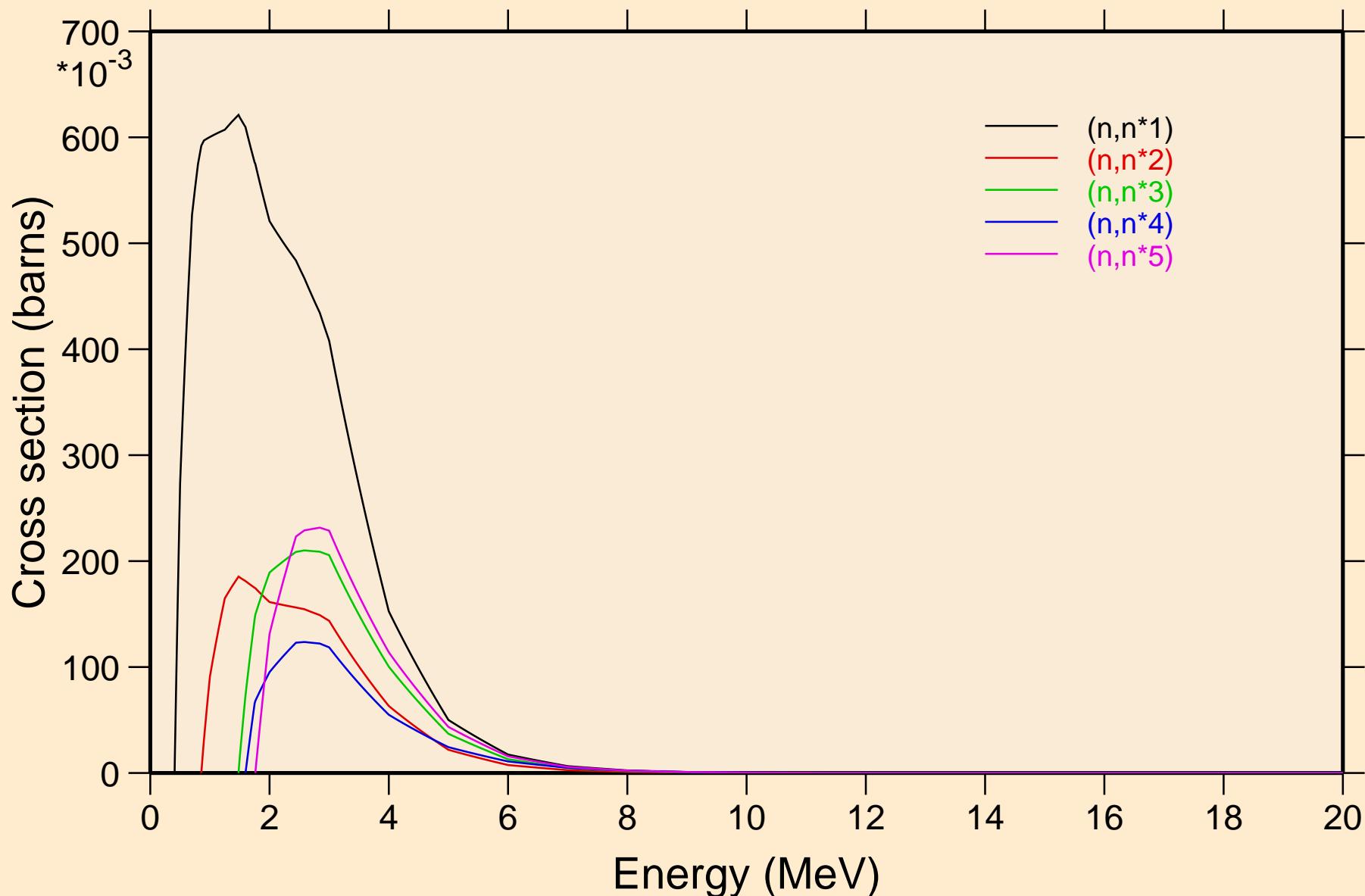
ENDF/B-VII RB-87  
Damage



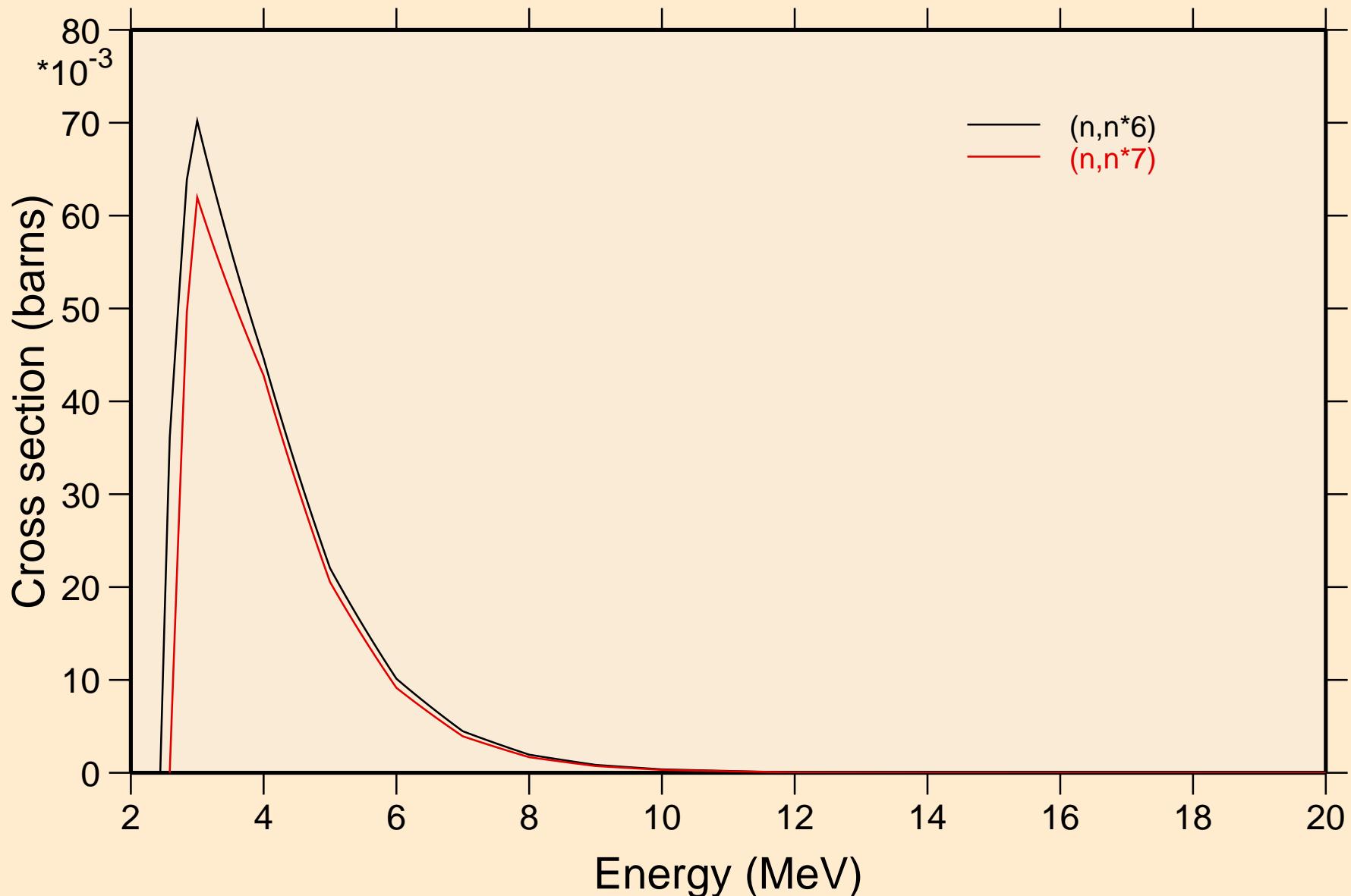
ENDF/B-VII RB-87  
Non-threshold reactions



ENDF/B-VII RB-87  
Inelastic levels

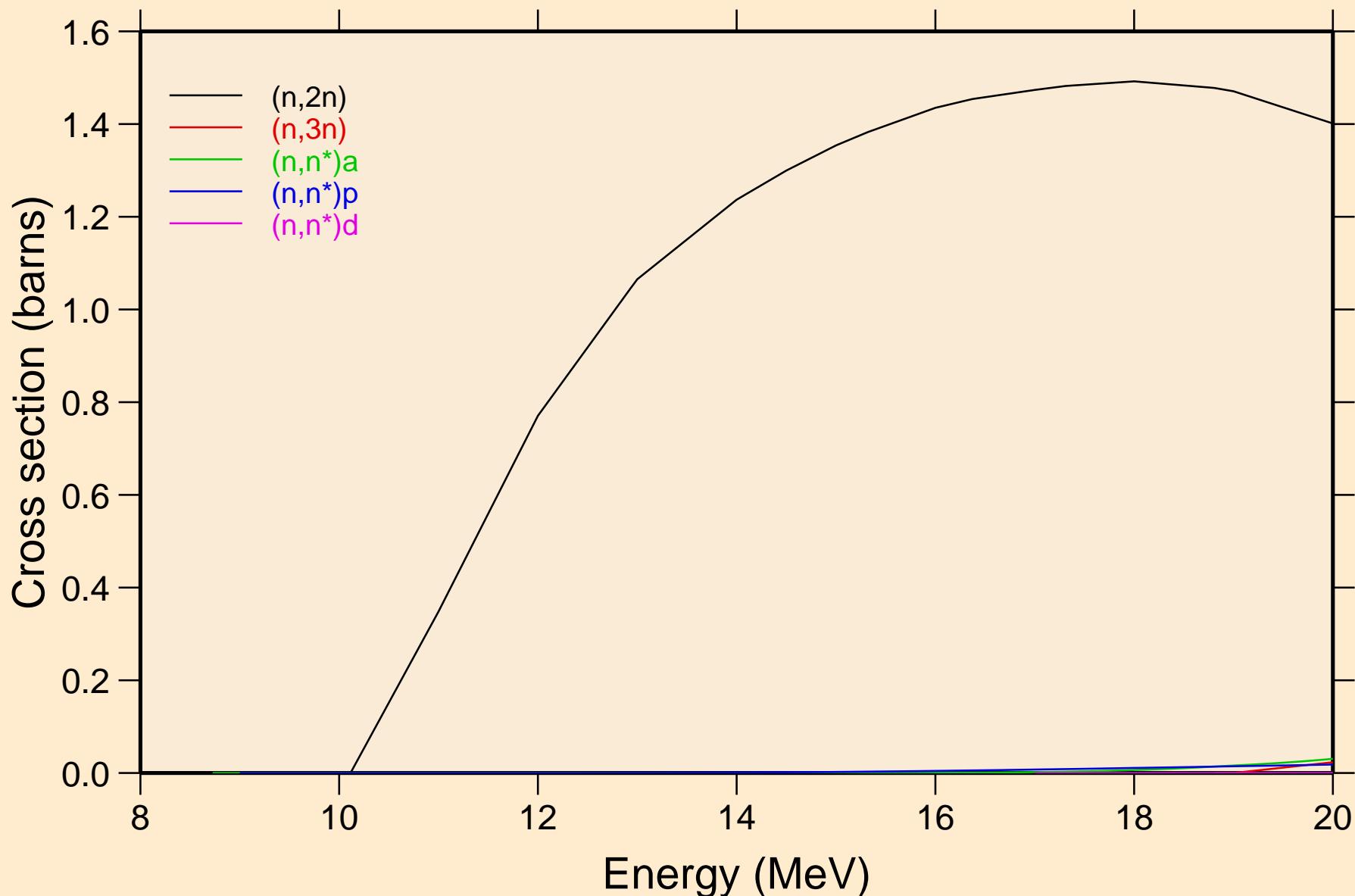


ENDF/B-VII RB-87  
Inelastic levels



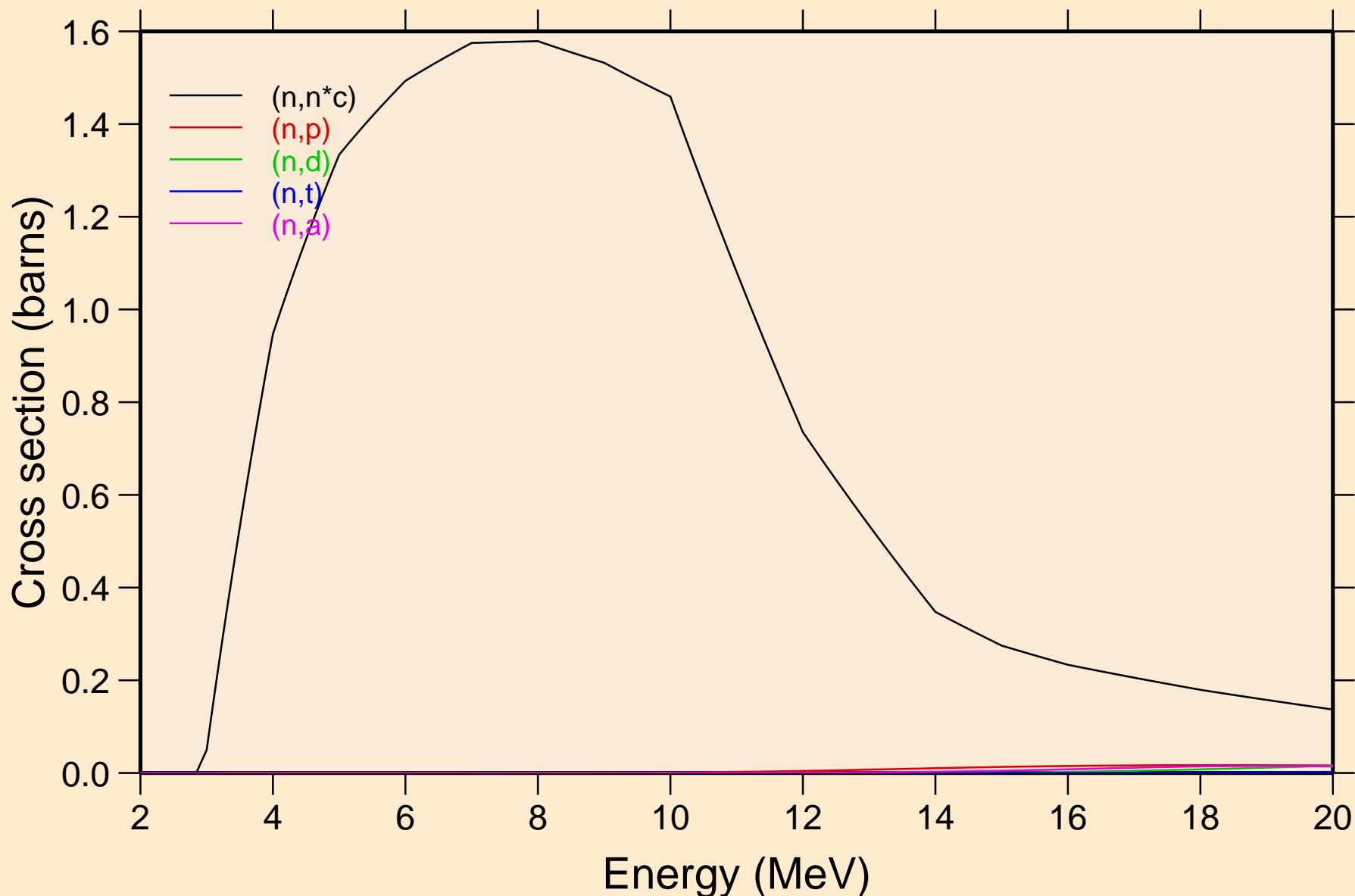
# ENDF/B-VII RB-87

## Threshold reactions



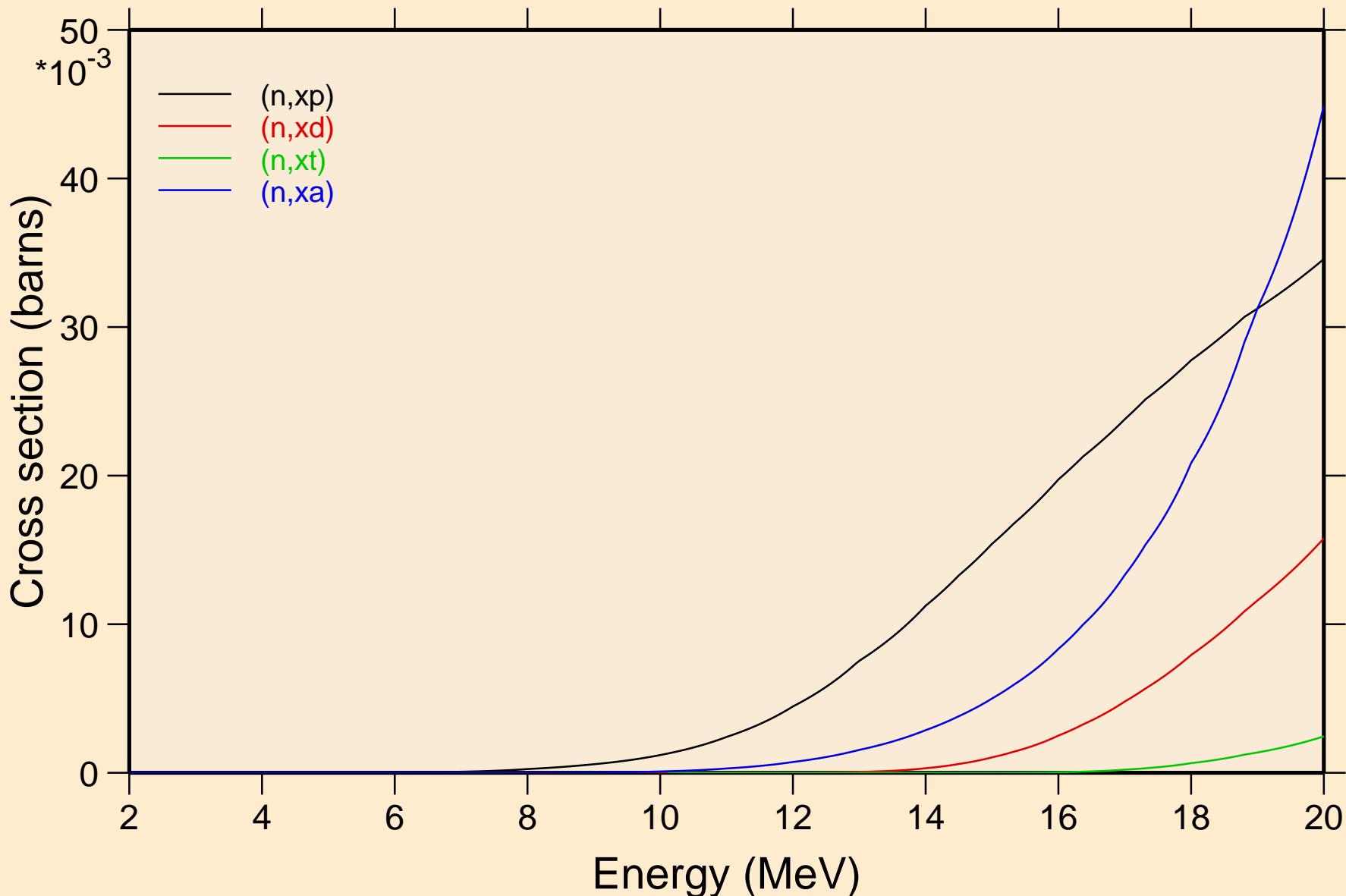
# ENDF/B-VII RB-87

## Threshold reactions



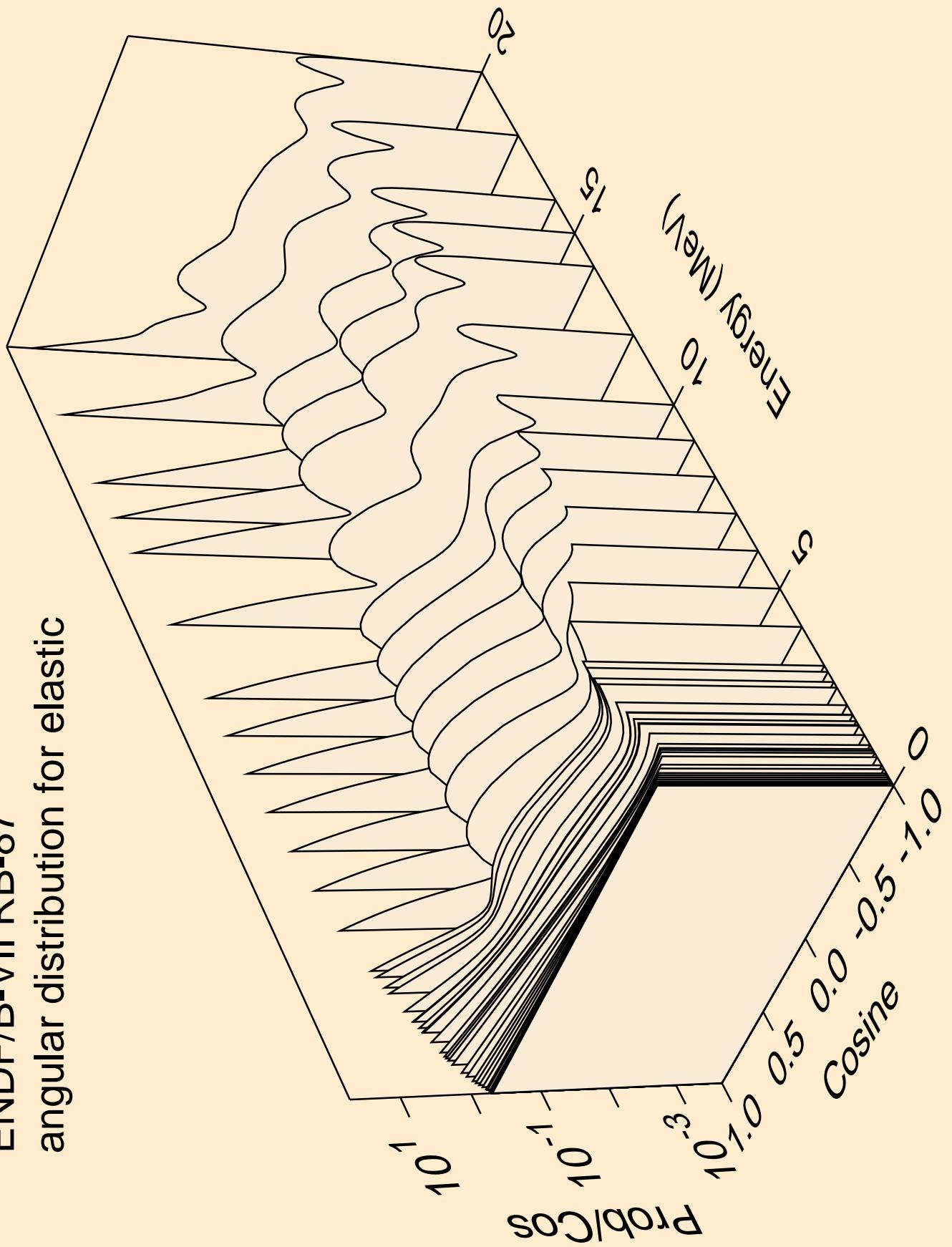
# ENDF/B-VII RB-87

## Threshold reactions



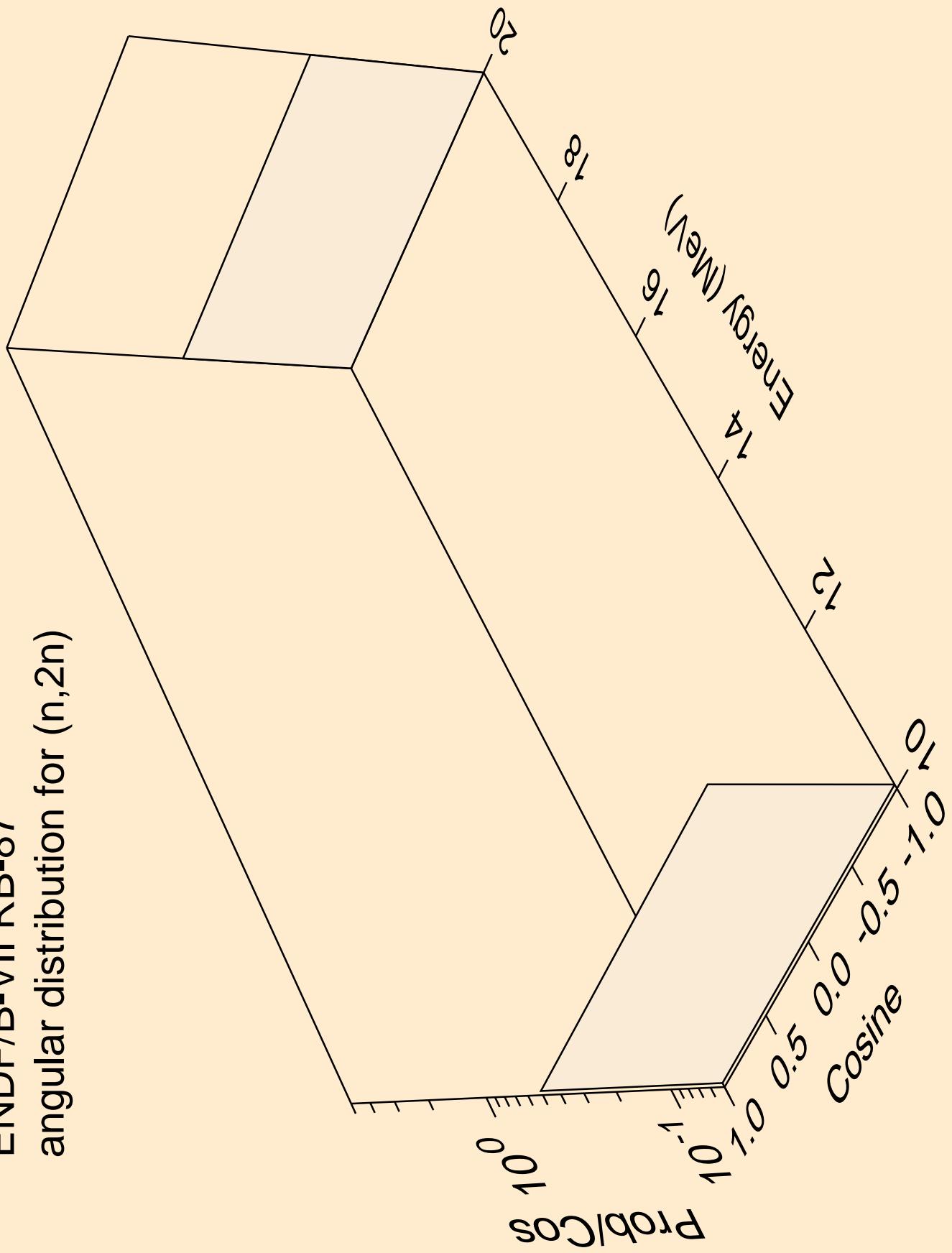
ENDF/B-VII RB-87

angular distribution for elastic



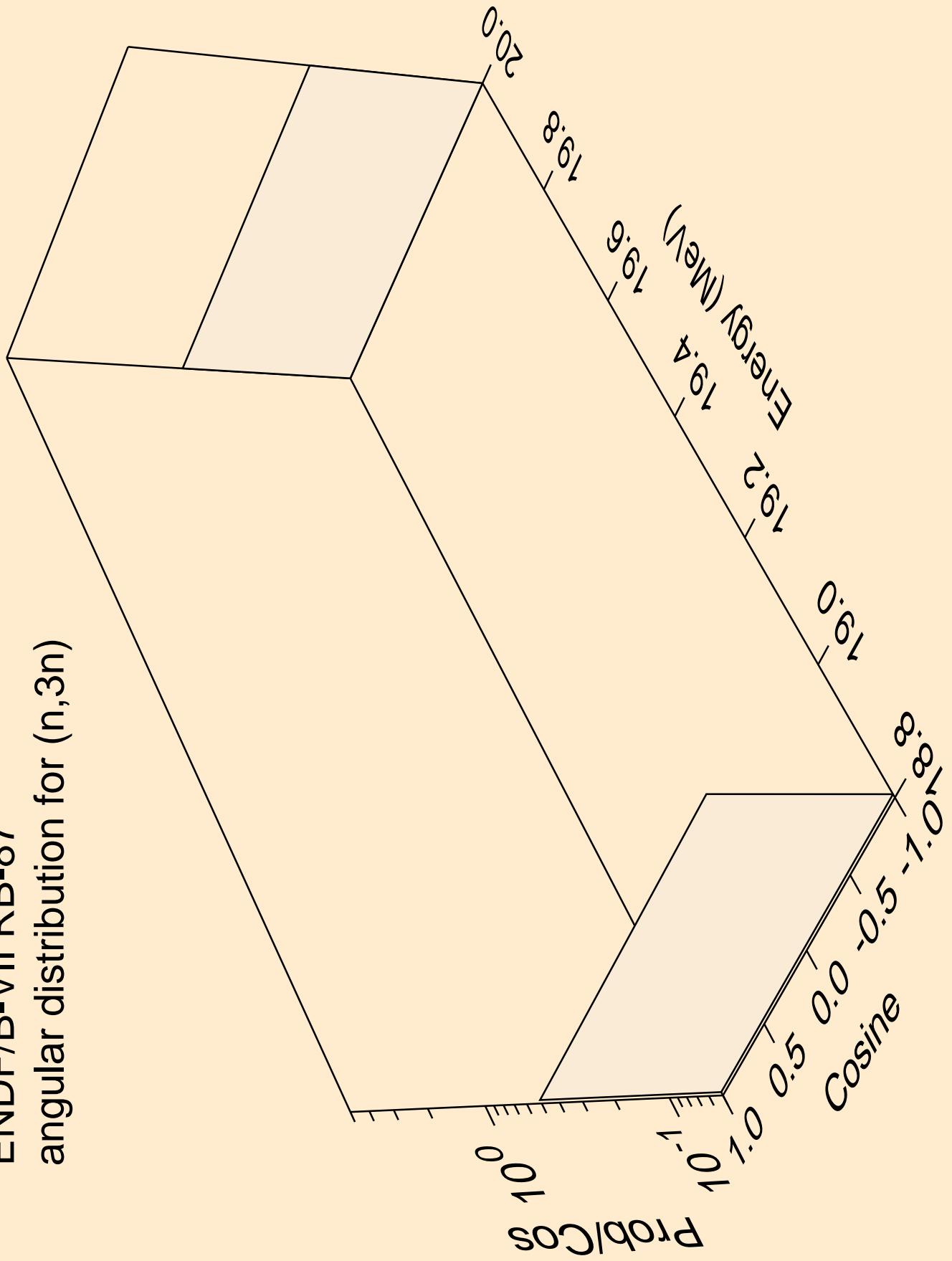
ENDF/B-VII RB-87

angular distribution for  $(n,2n)$



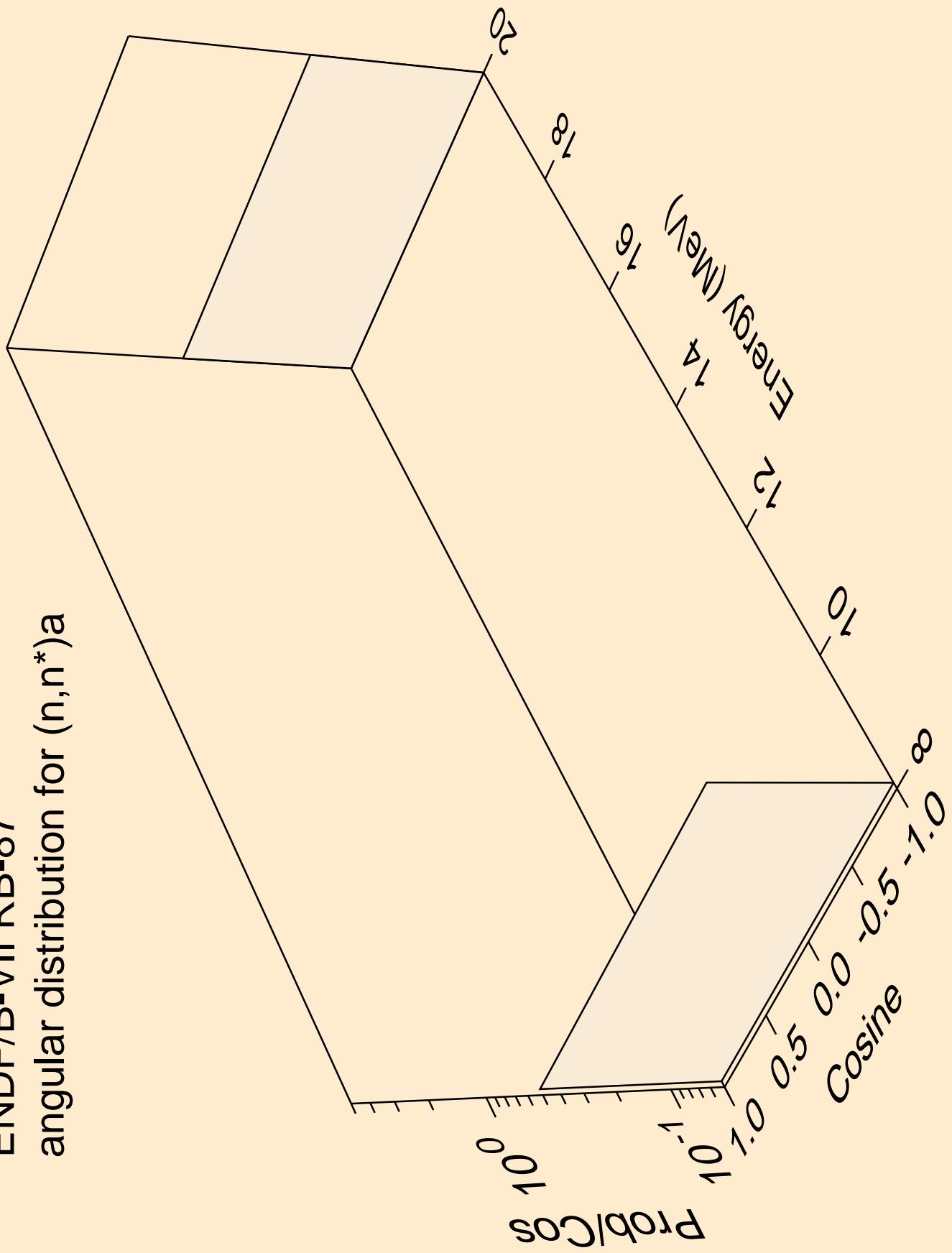
ENDF/B-VII RB-87

angular distribution for (n,3n)



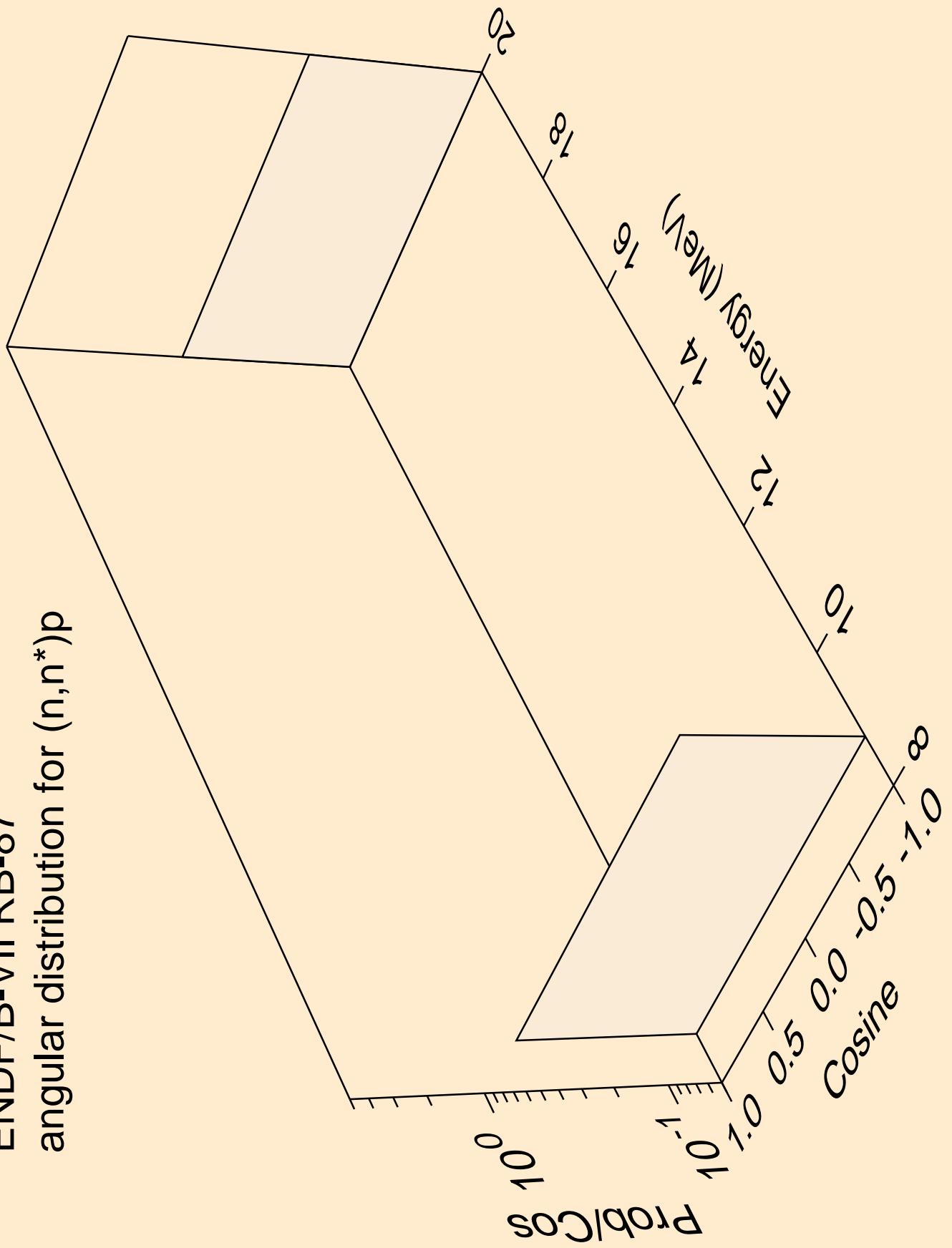
ENDF/B-VII RB-87

angular distribution for  $(n,n^*)a$



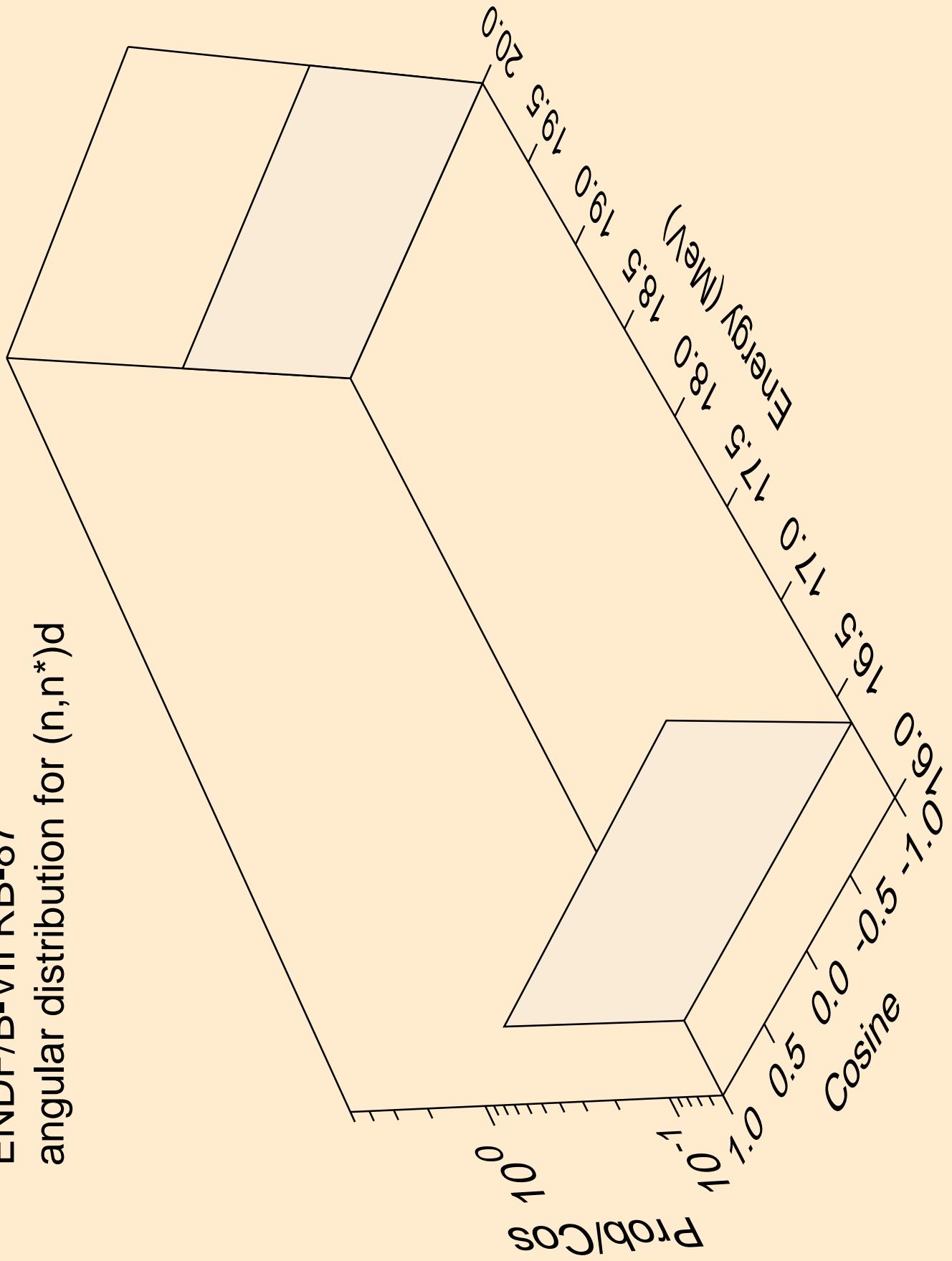
ENDF/B-VII RB-87

angular distribution for  $(n,n^*)p$



ENDF/B-VII RB-87

angular distribution for  $(n,n^*)d$



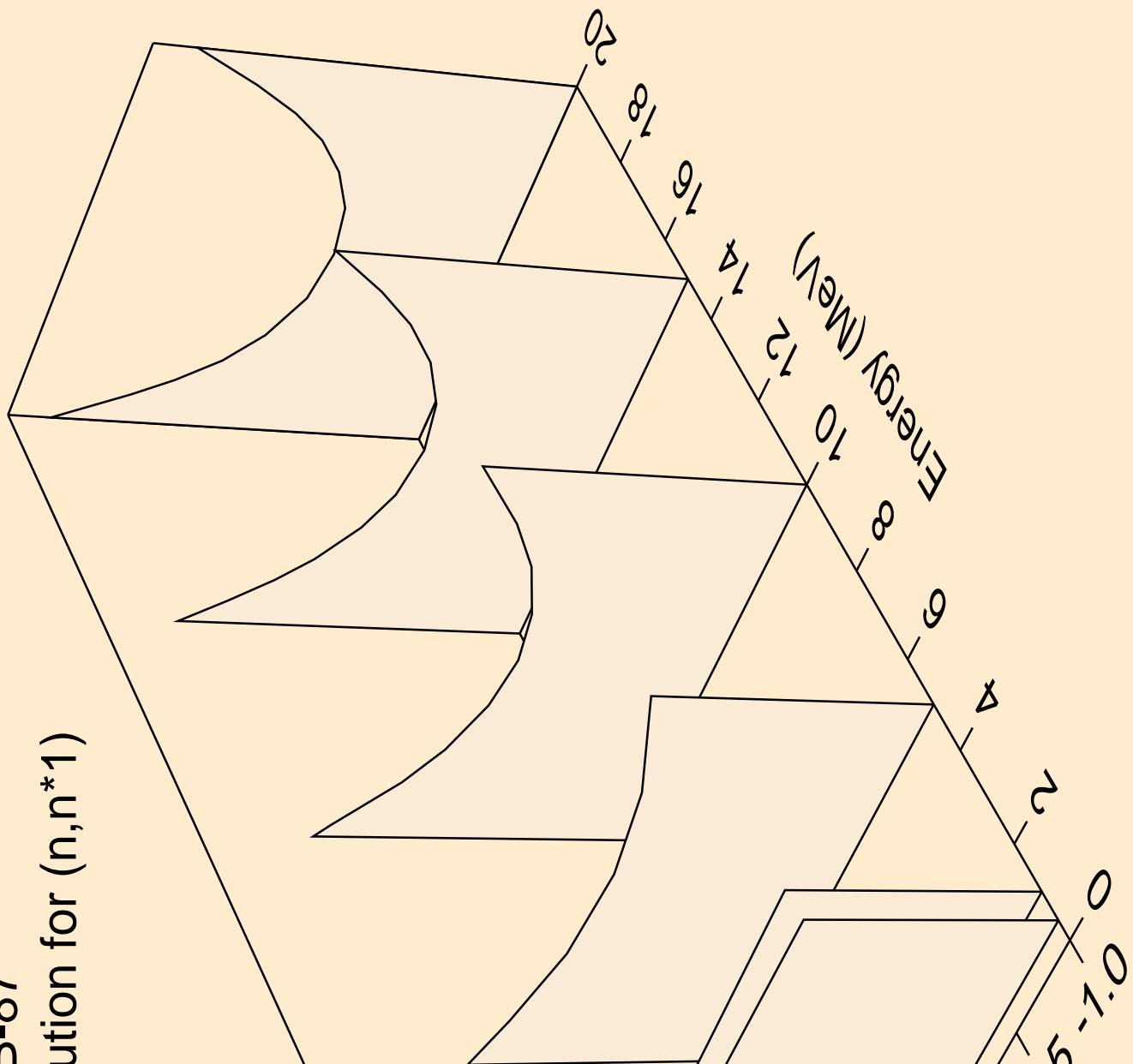
ENDF/B-VII RB-87

angular distribution for  $(n, n^* 1)$

$10^0$

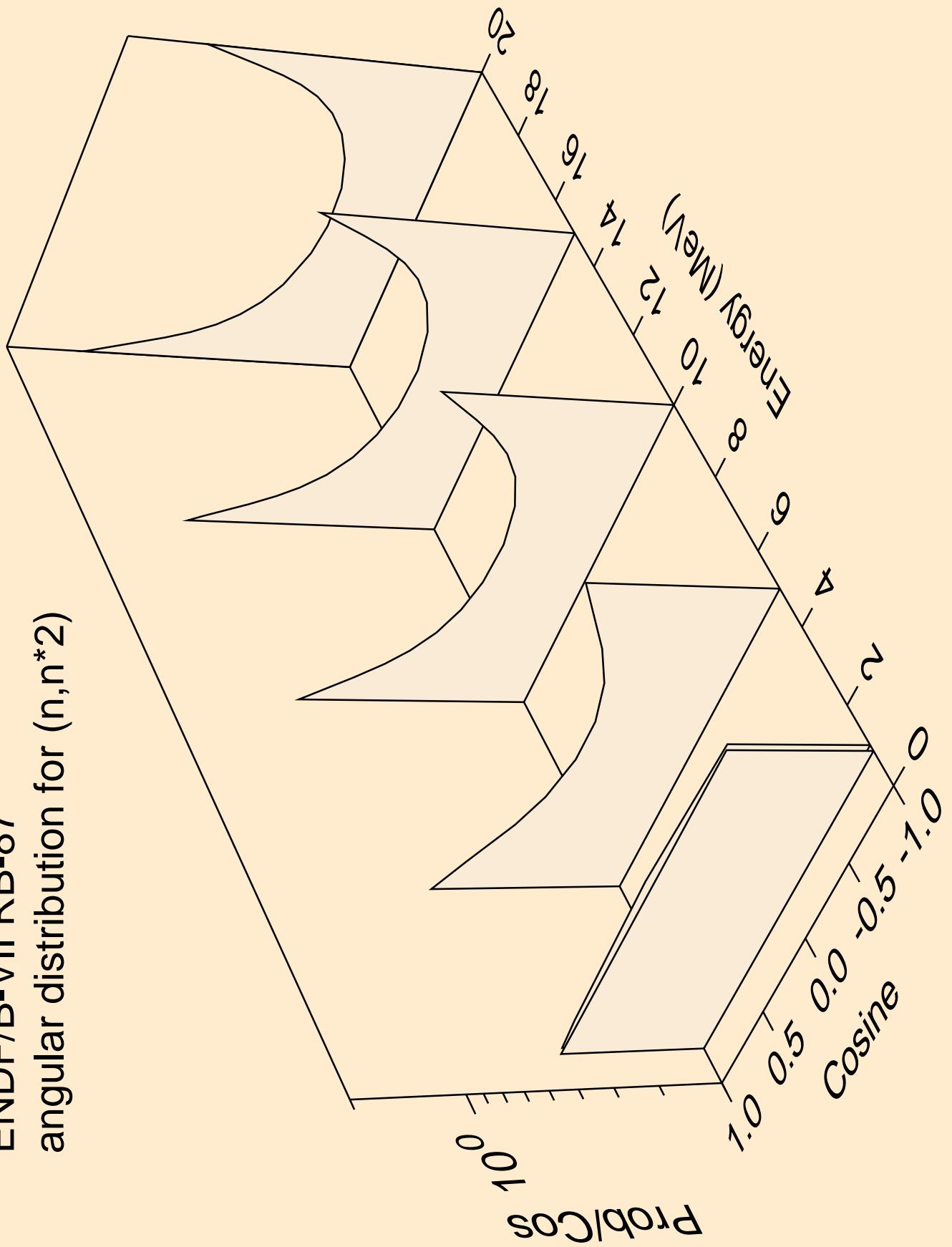
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



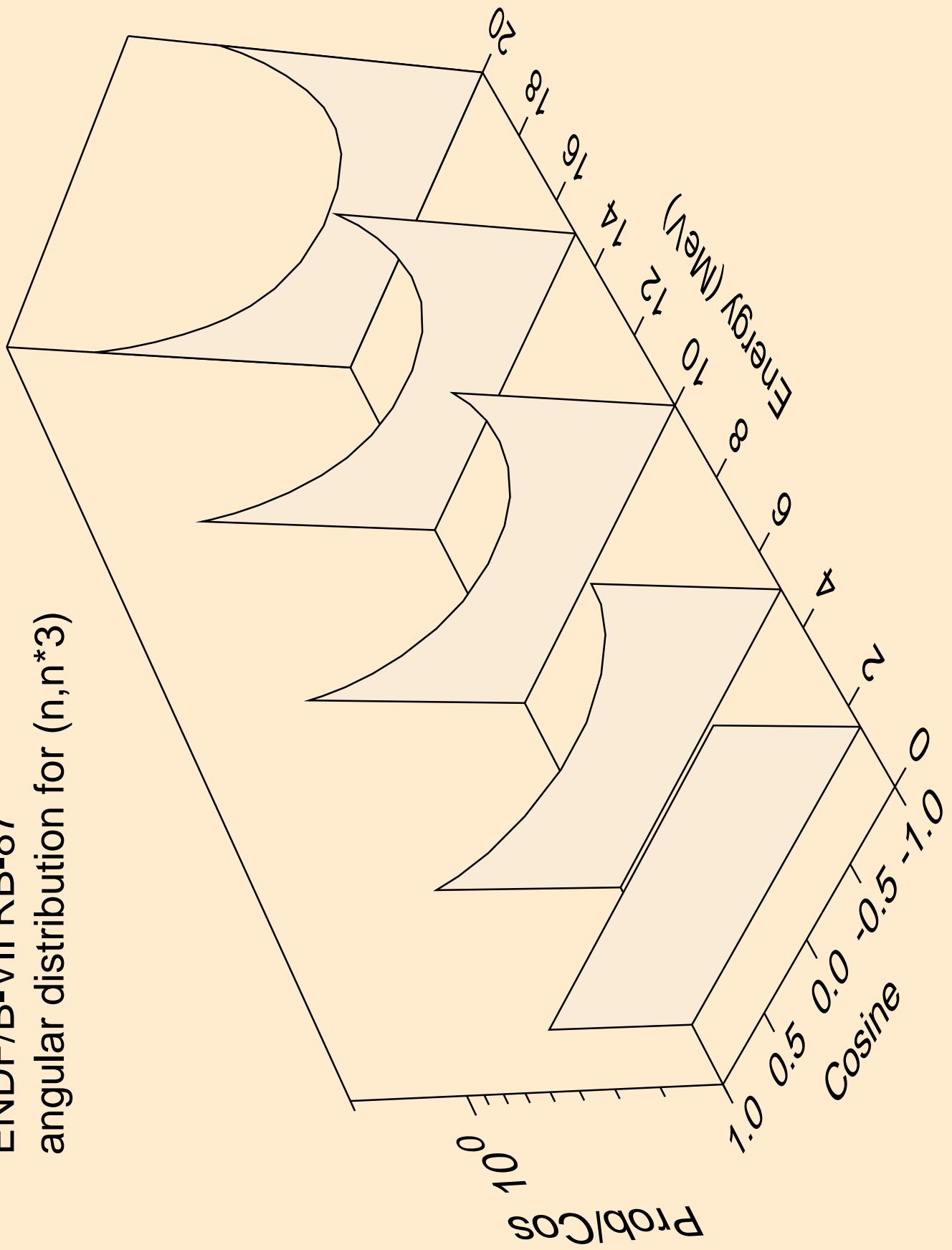
ENDF/B-VII RB-87

angular distribution for ( $n, n^* 2$ )



ENDF/B-VII RB-87

angular distribution for  $(n,n^*3)$



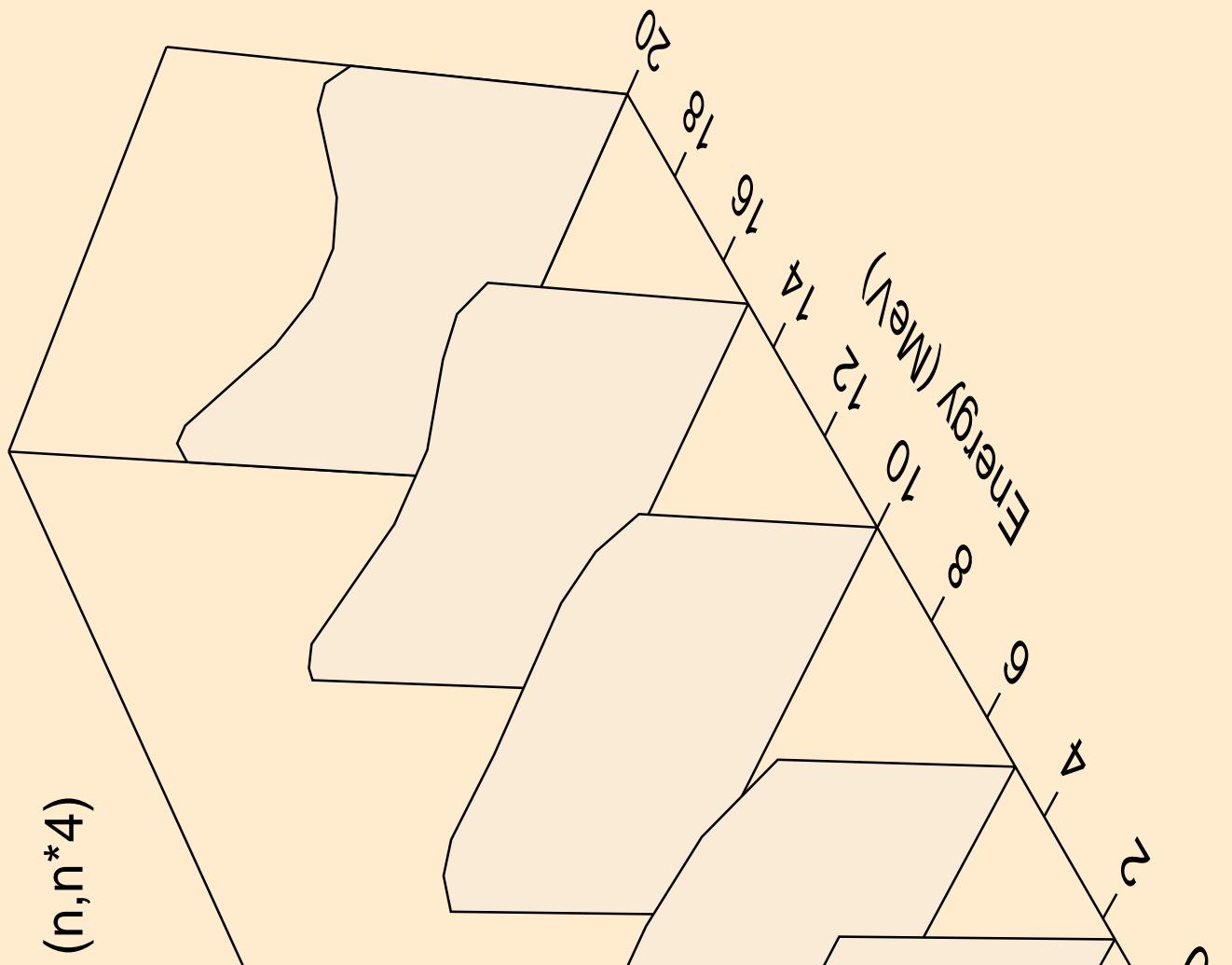
ENDF/B-VII RB-87

angular distribution for ( $n,n^*4$ )

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



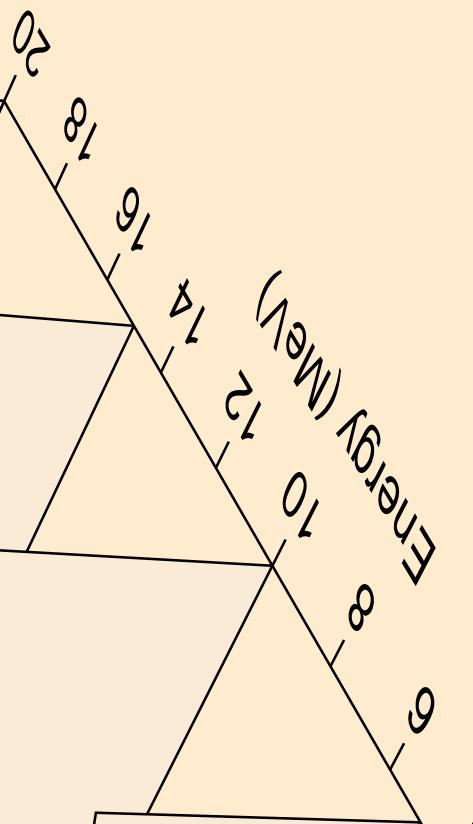
ENDF/B-VII RB-87

angular distribution for  $(n,n^*5)$

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



Energy (MeV)

10 8 6 4 2 0

-2 -4 -6 -8 -10

-10 -8 -6 -4 -2 0 2 4 6 8 10

-10 -8 -6 -4 -2 0 2 4 6 8 10

-10 -8 -6 -4 -2 0 2 4 6 8 10

-10 -8 -6 -4 -2 0 2 4 6 8 10

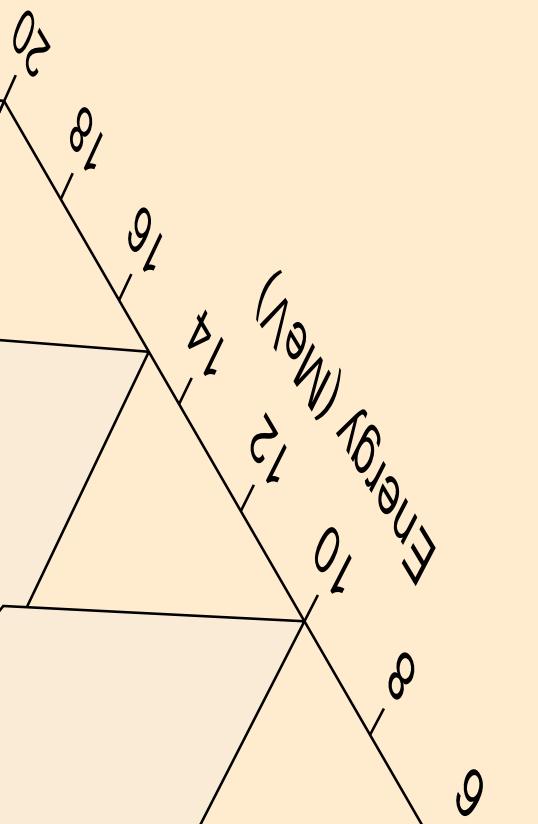
ENDF/B-VII RB-87

angular distribution for (n,n\*6)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup>  
Energy(MeV)

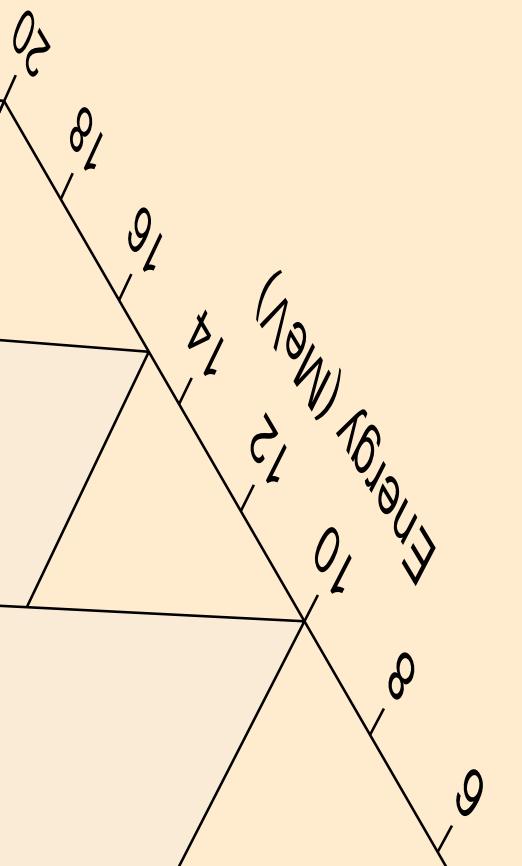
ENDF/B-VII RB-87

angular distribution for ( $n,n^*7$ )

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



Energy(MeV)

Theta

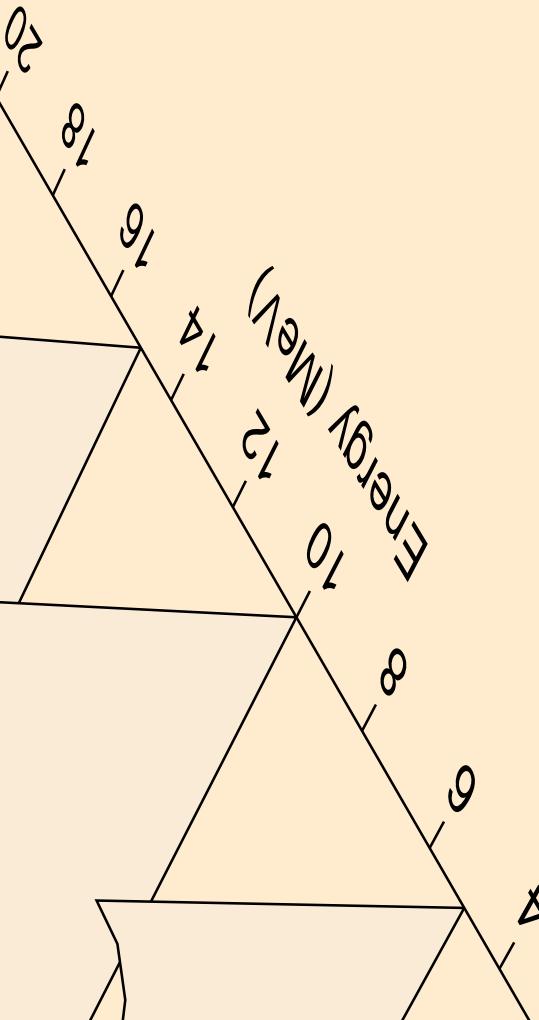
ENDF/B-VII RB-87

angular distribution for  $(n, n^* c)$

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



Energy (MeV)  
10 20 30 40

Cosine  
-1.0 -0.5 0.0 0.5 1.0

-1.0 -0.5 0.0 0.5 1.0

-1.0 -0.5 0.0 0.5 1.0

-1.0 -0.5 0.0 0.5 1.0

-1.0 -0.5 0.0 0.5 1.0

-1.0 -0.5 0.0 0.5 1.0

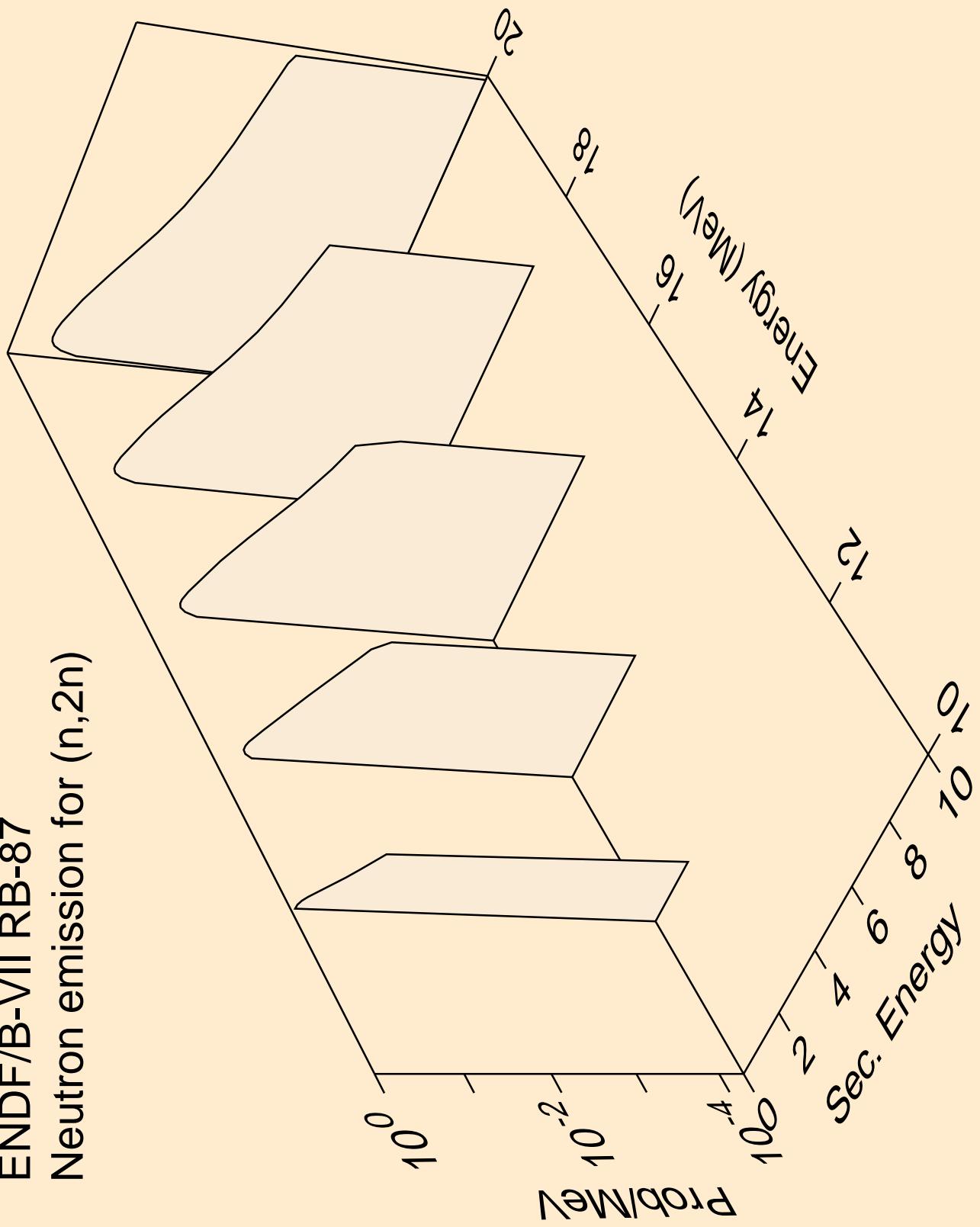
-1.0 -0.5 0.0 0.5 1.0

-1.0 -0.5 0.0 0.5 1.0

-1.0 -0.5 0.0 0.5 1.0

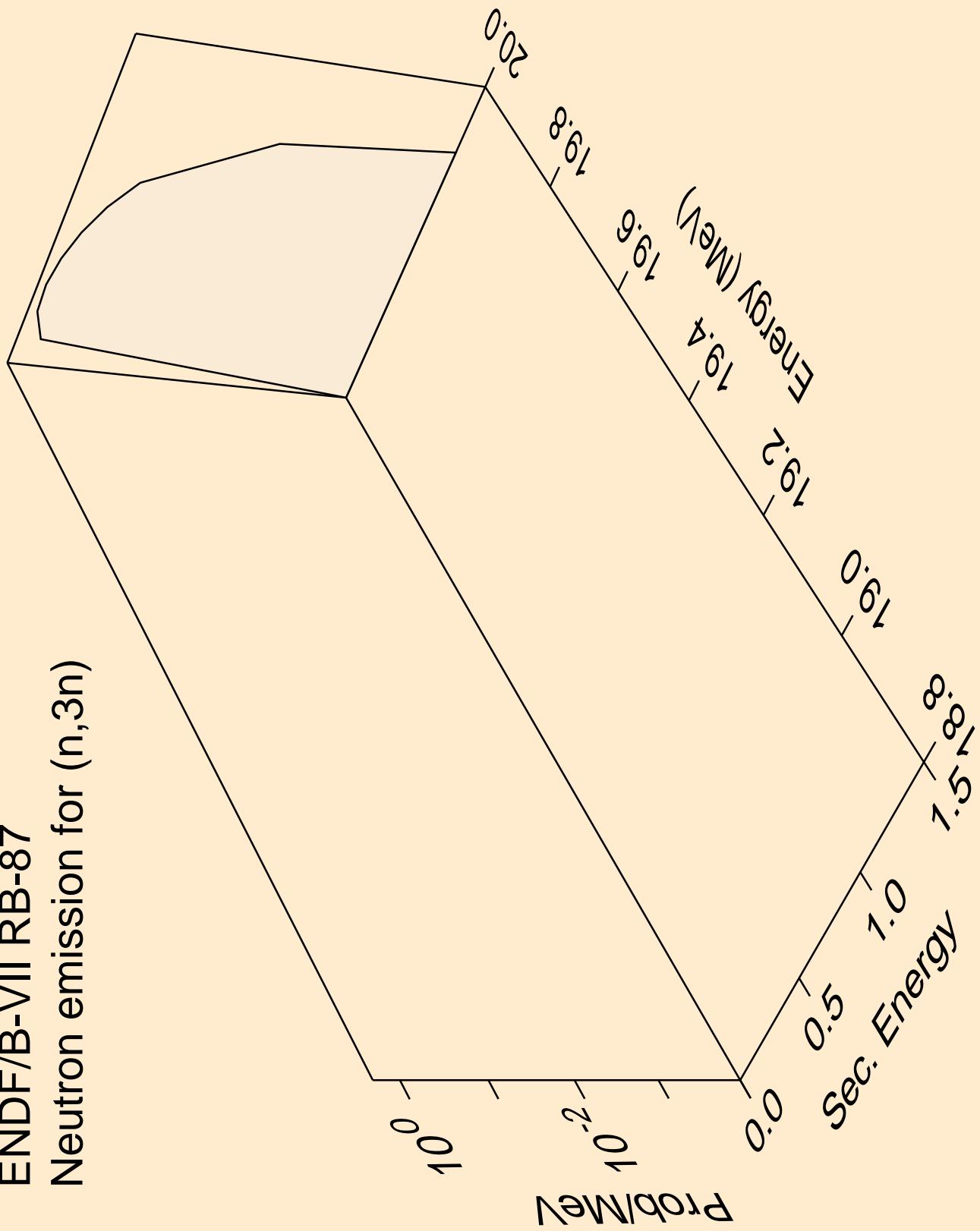
ENDF/B-VII RB-87

## Neutron emission for (n,2n)



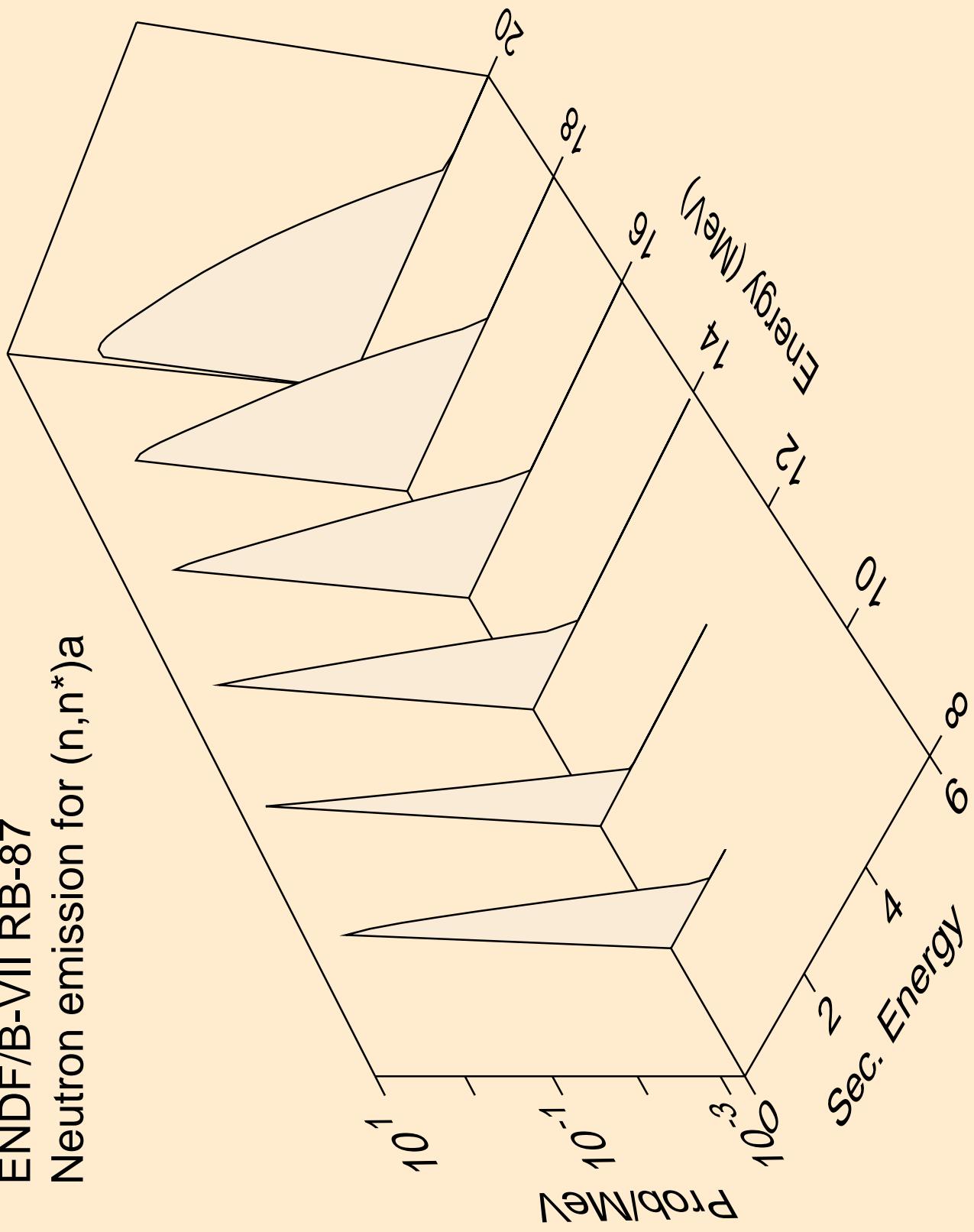
ENDF/B-VII RB-87

## Neutron emission for $(n,3n)$



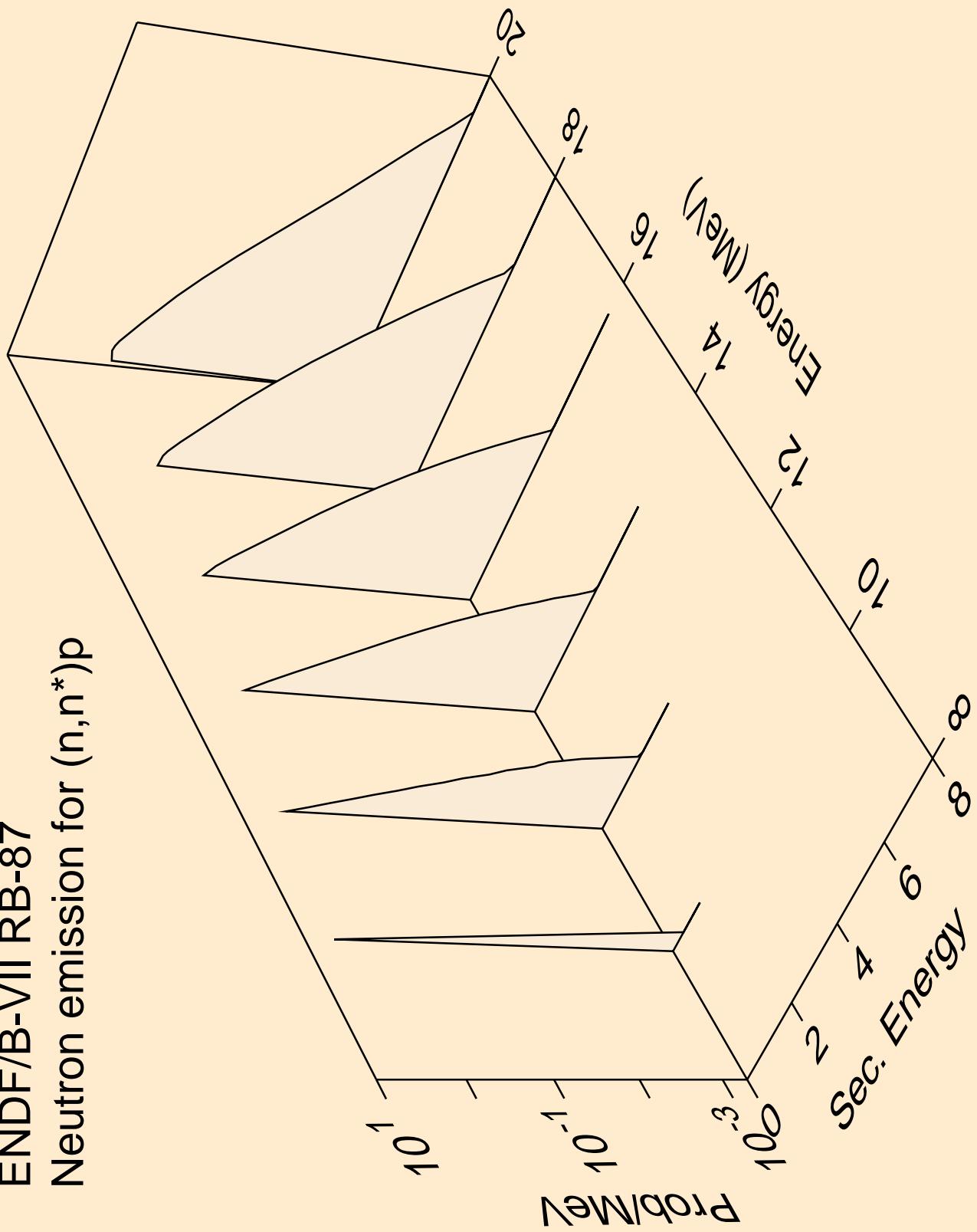
ENDF/B-VII RB-87

Neutron emission for  $(n, n^*)\alpha$



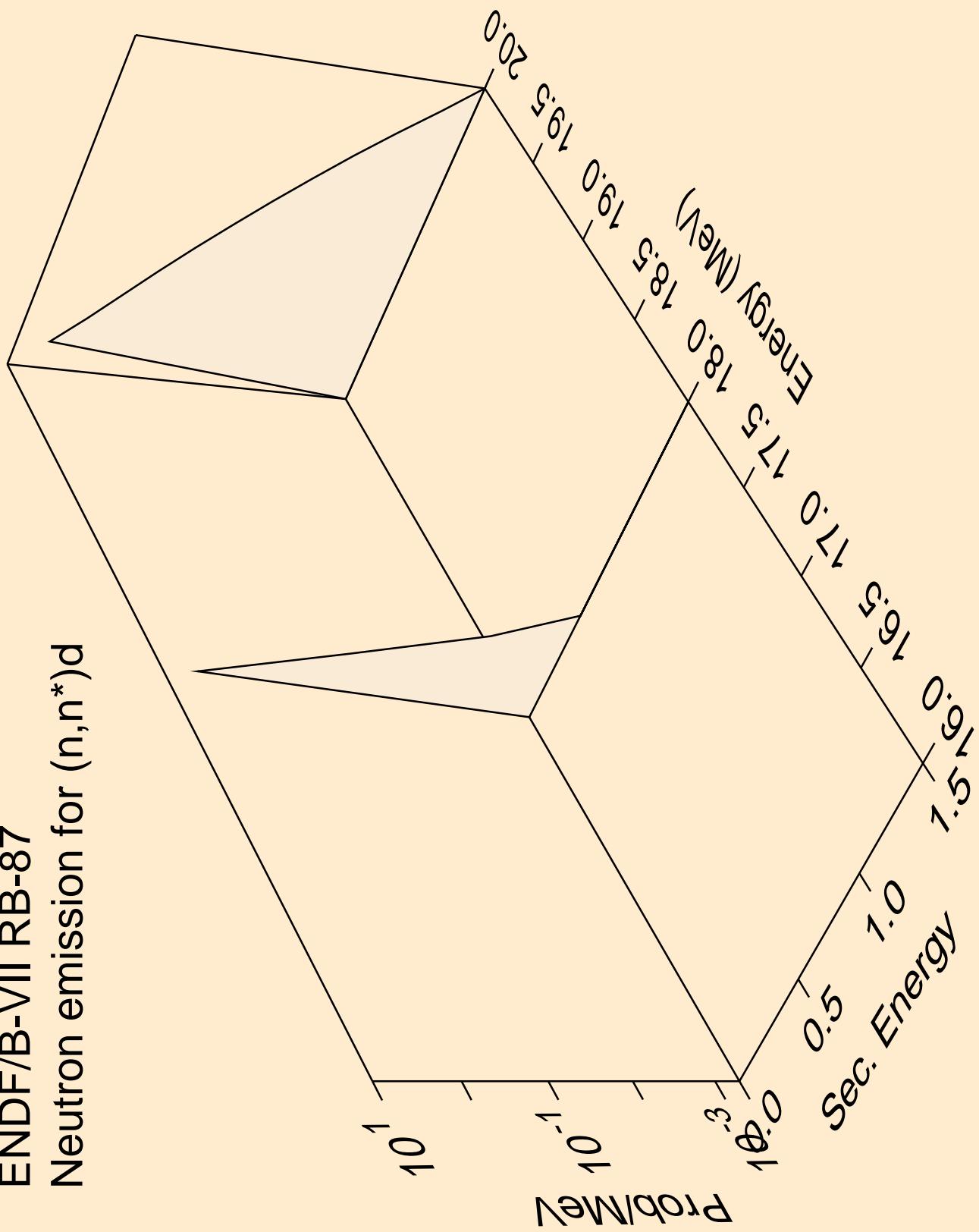
ENDF/B-VII RB-87

Neutron emission for  $(n, n^*)p$



ENDF/B-VII RB-87

## Neutron emission for $(n, n^*)d$



ENDF/B-VII RB-87

Neutron emission for  $(n, n^* c)$

