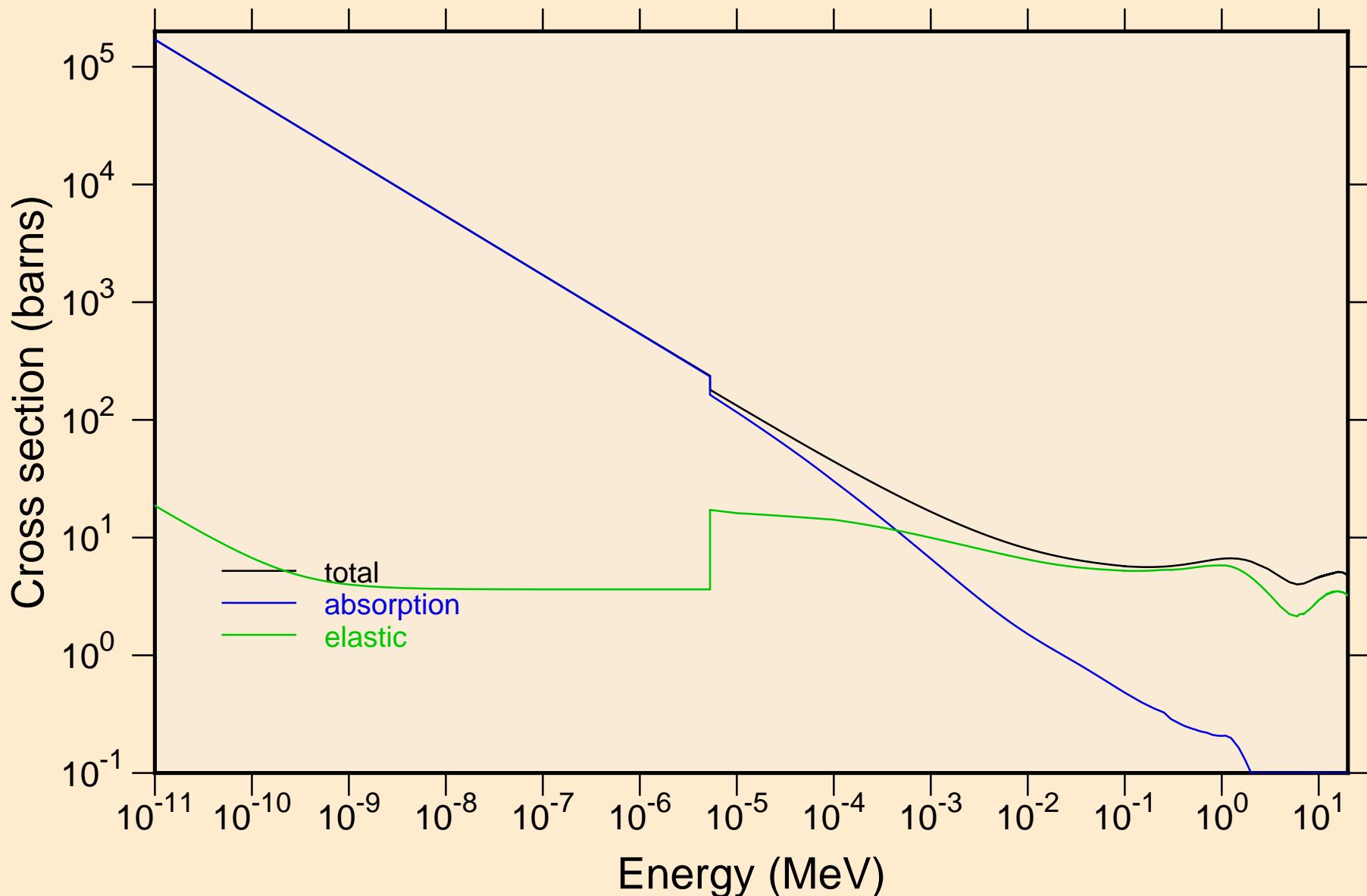
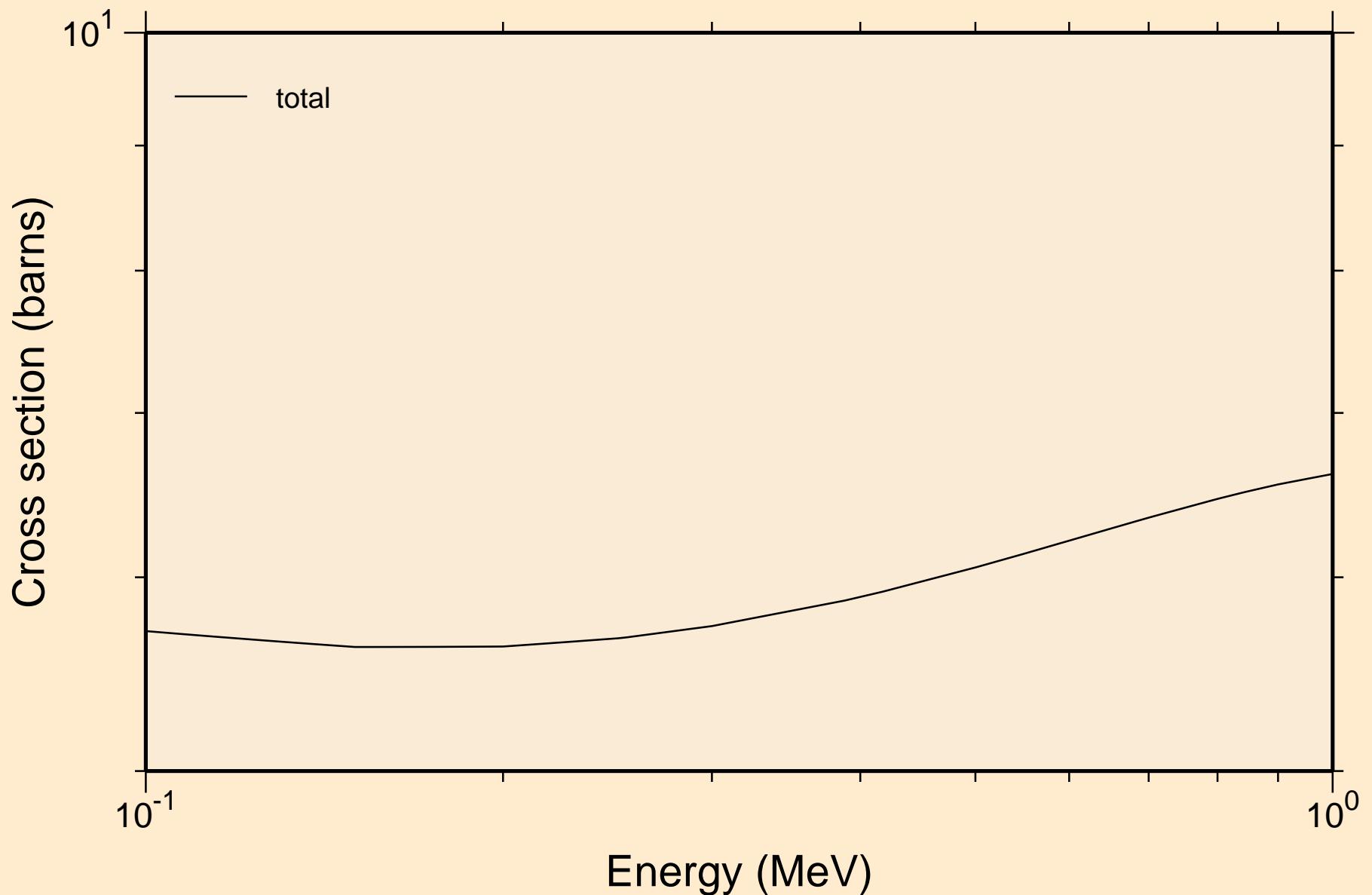


# ENDF/B-VII TE-127M

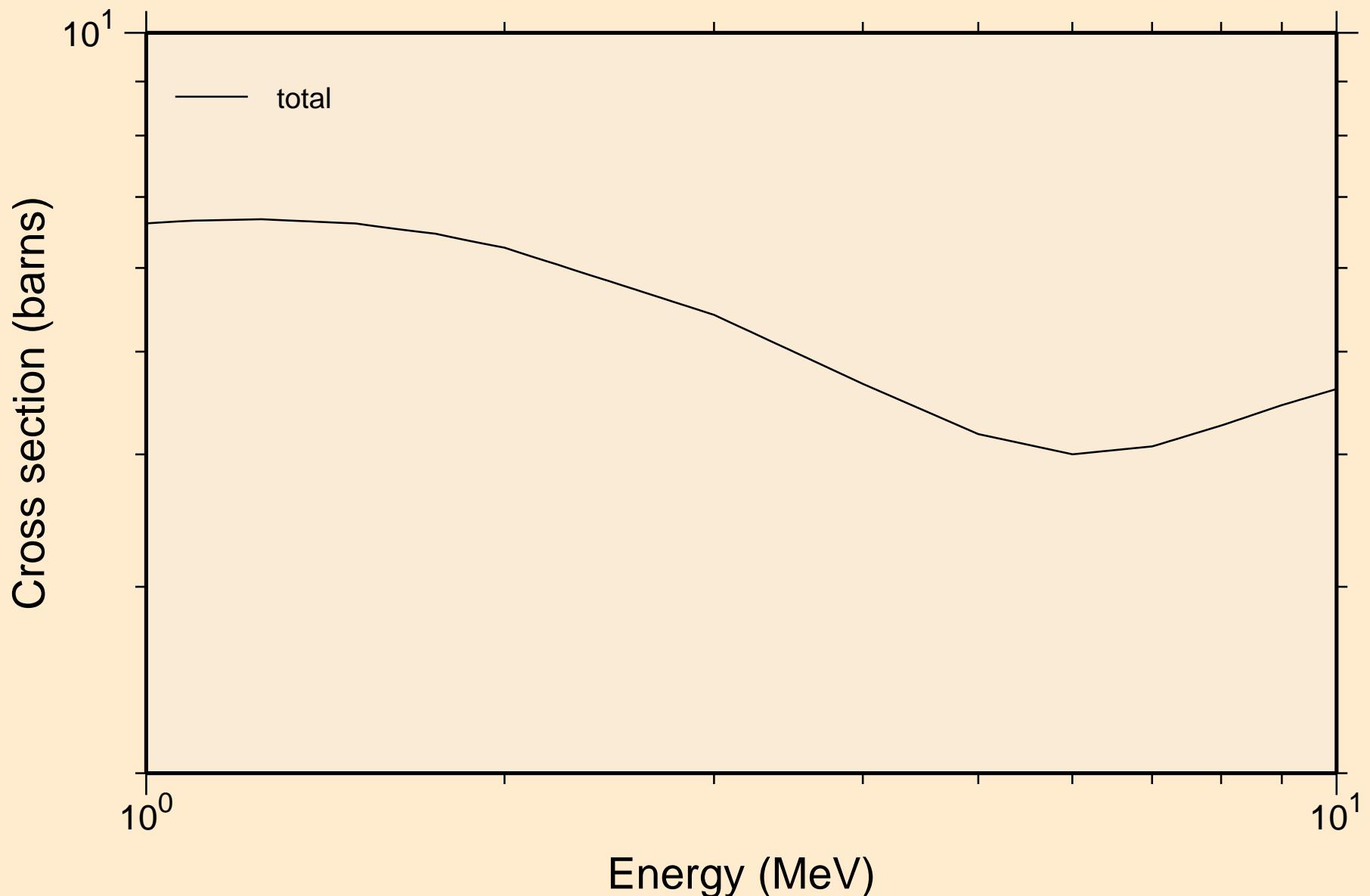
## Principal cross sections



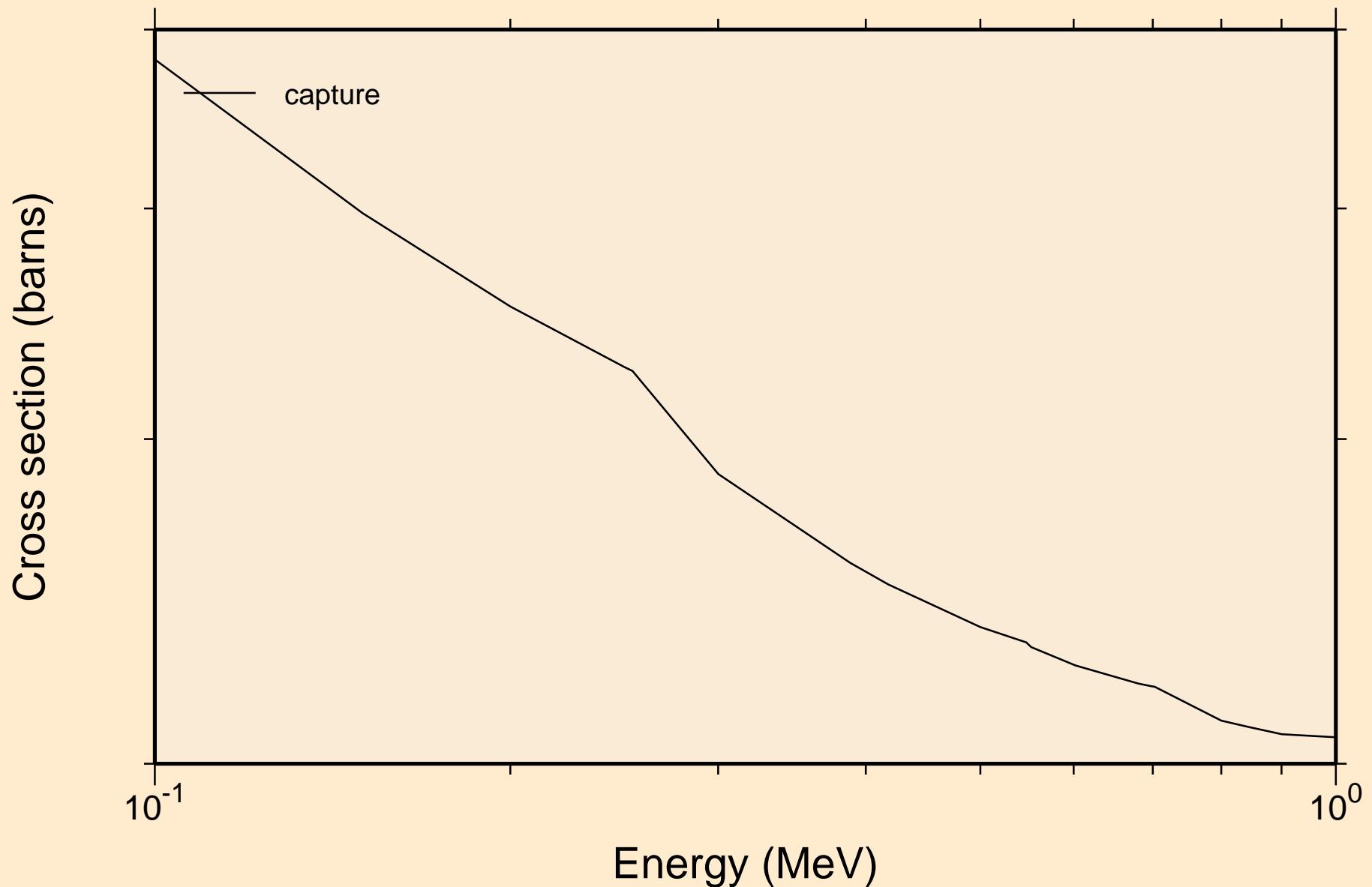
ENDF/B-VII TE-127M  
resonance total cross section



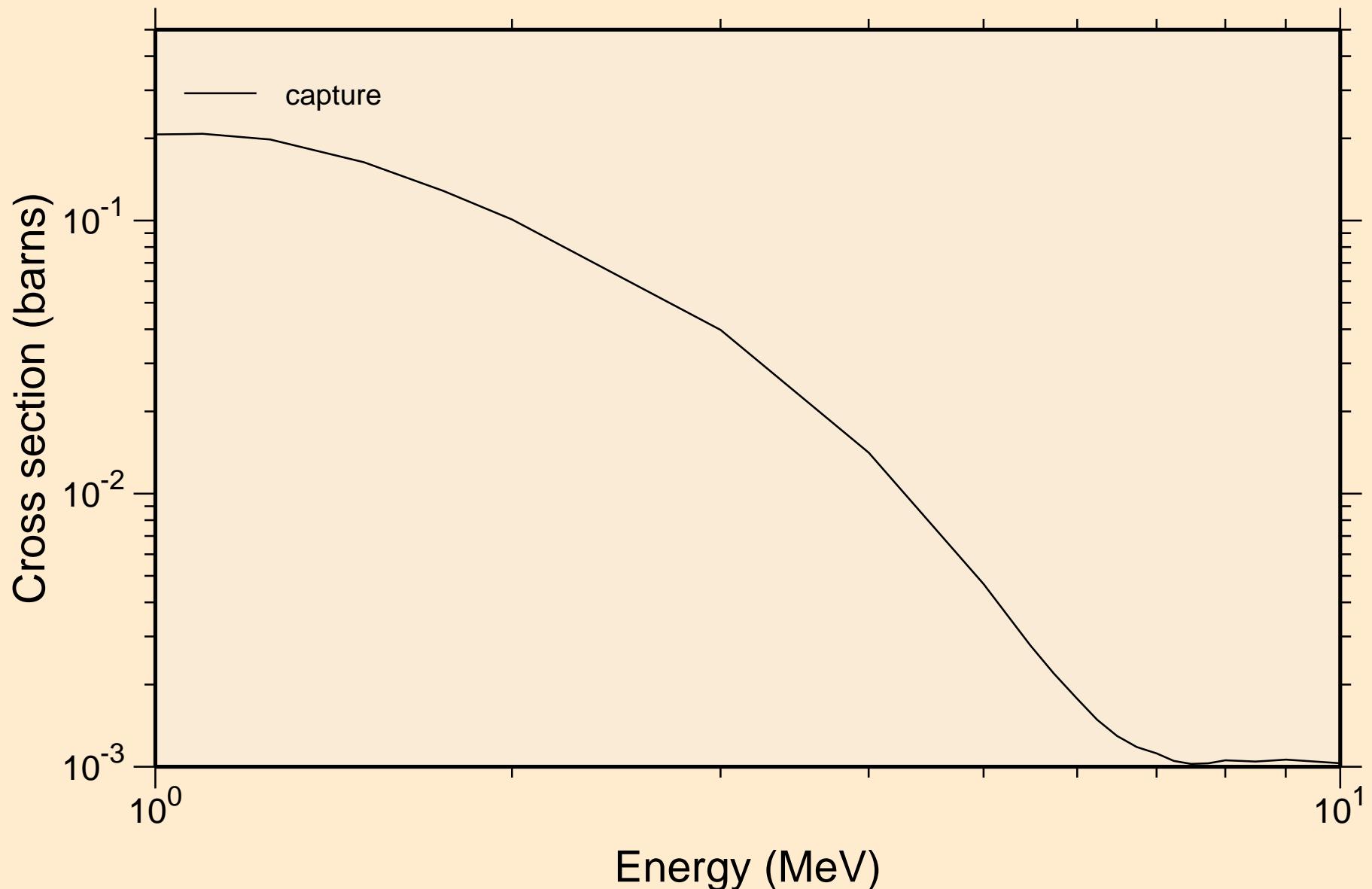
ENDF/B-VII TE-127M  
resonance total cross section



ENDF/B-VII TE-127M  
resonance absorption cross sections

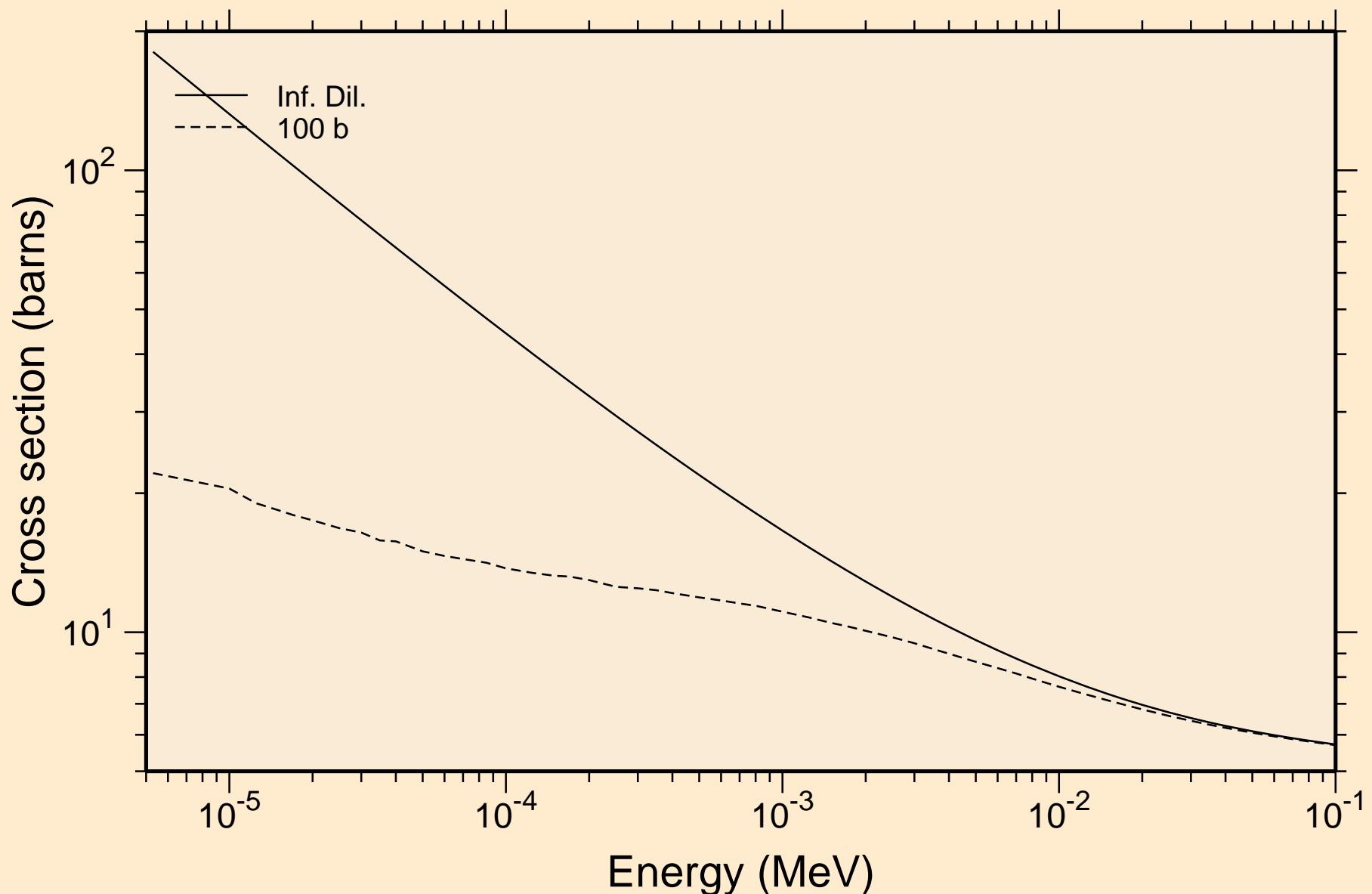


ENDF/B-VII TE-127M  
resonance absorption cross sections

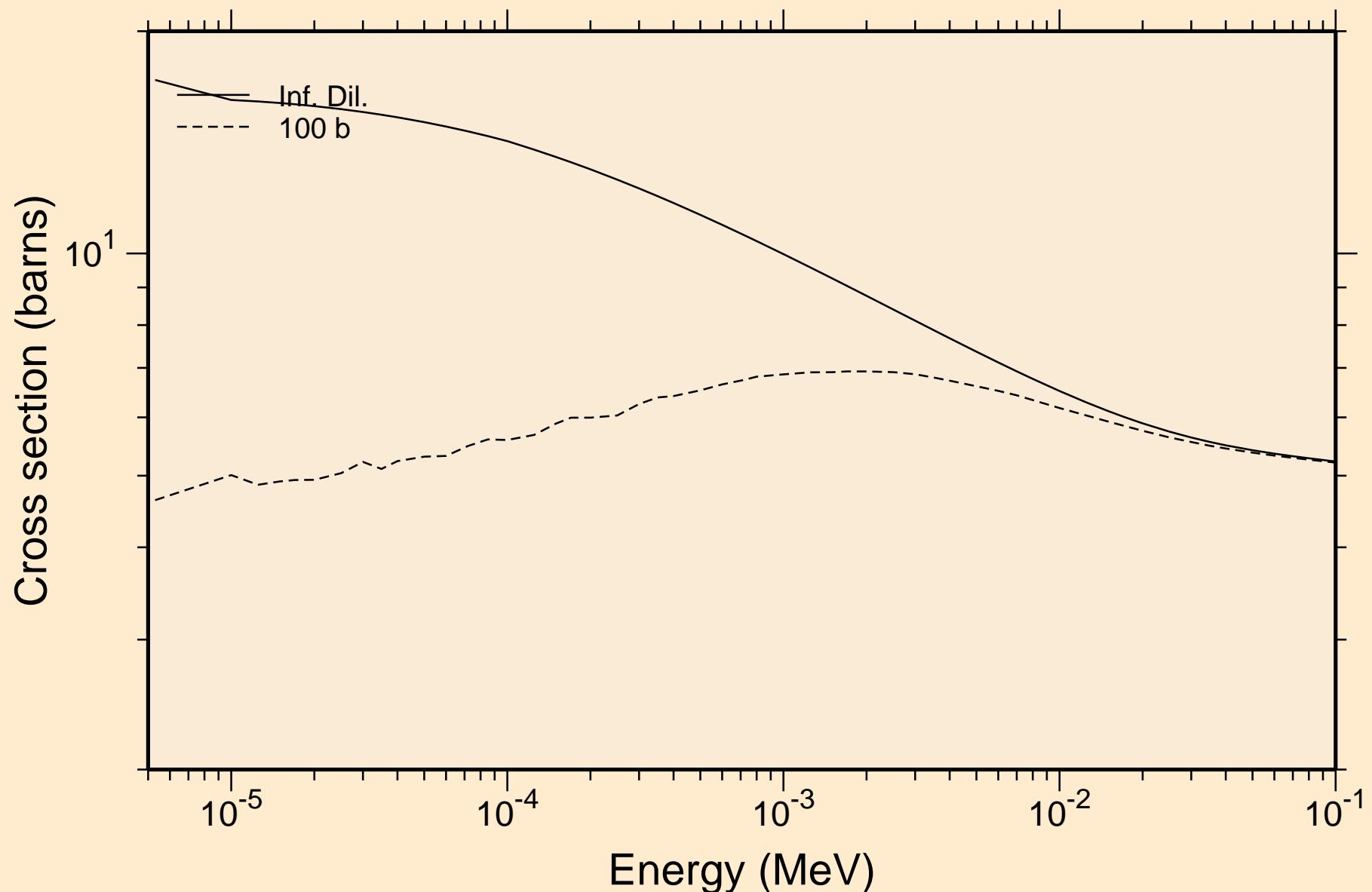


# ENDF/B-VII TE-127M

## UR total cross section

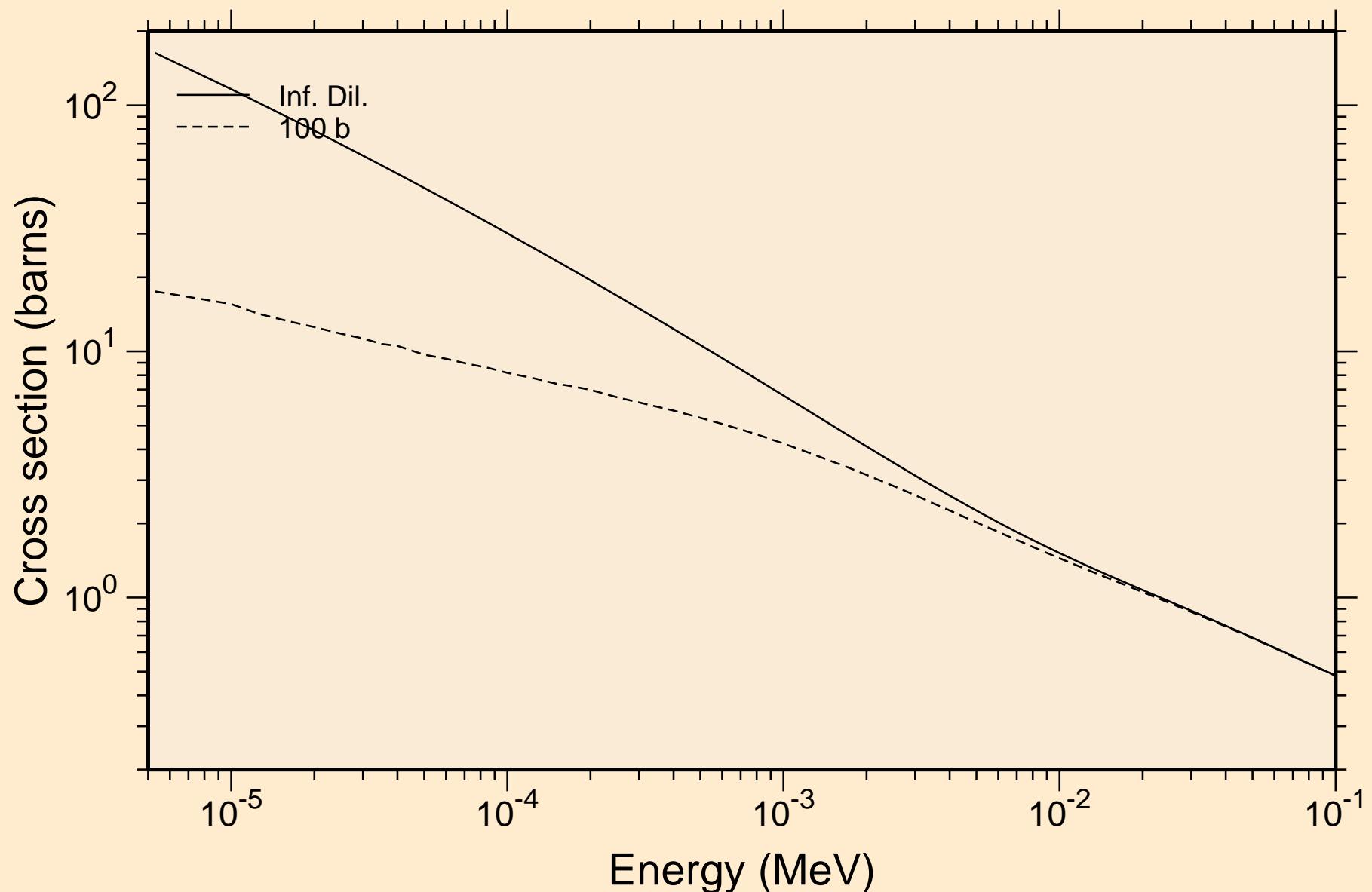


ENDF/B-VII TE-127M  
UR elastic cross section

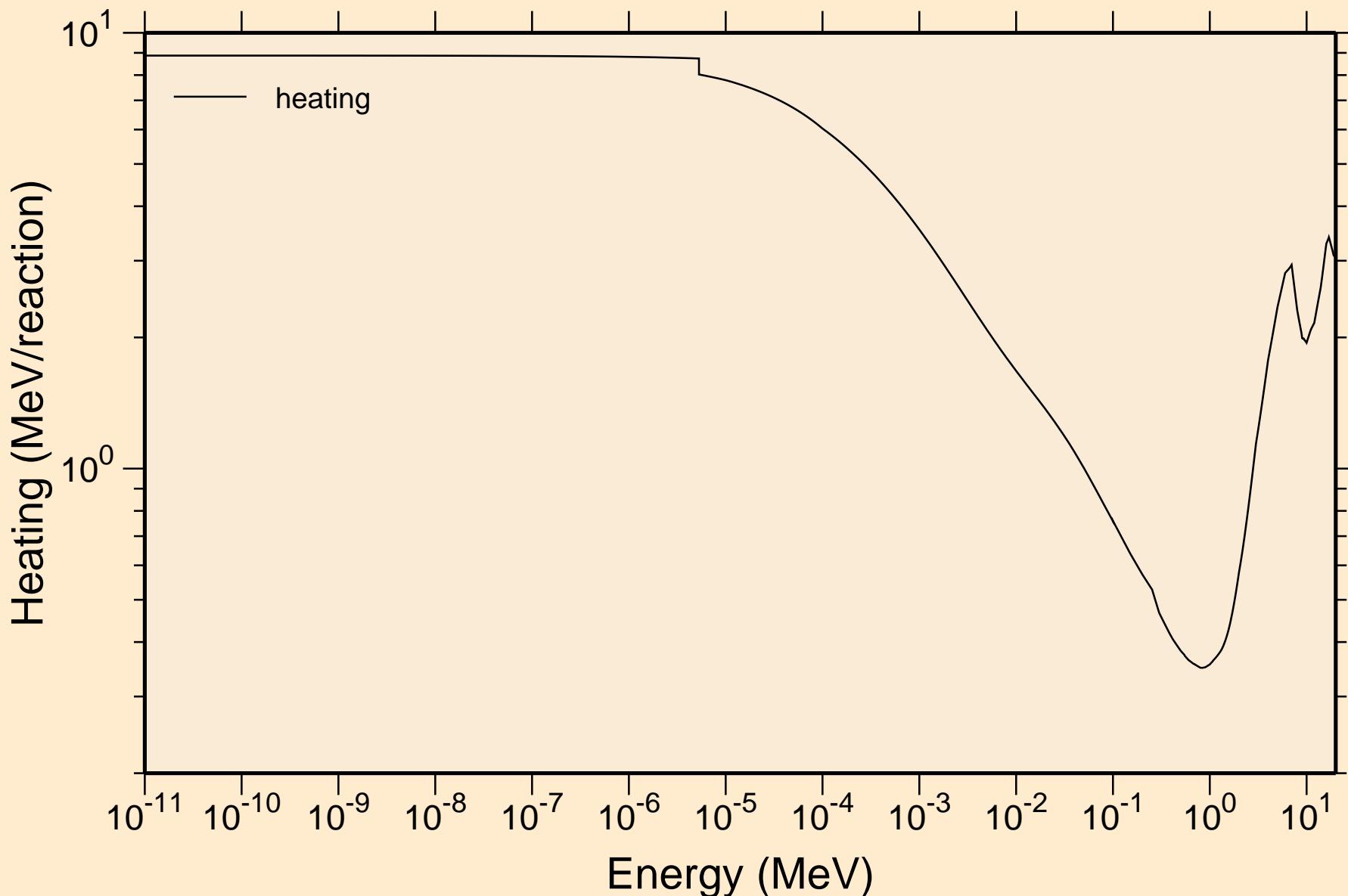


# ENDF/B-VII TE-127M

## UR capture cross section

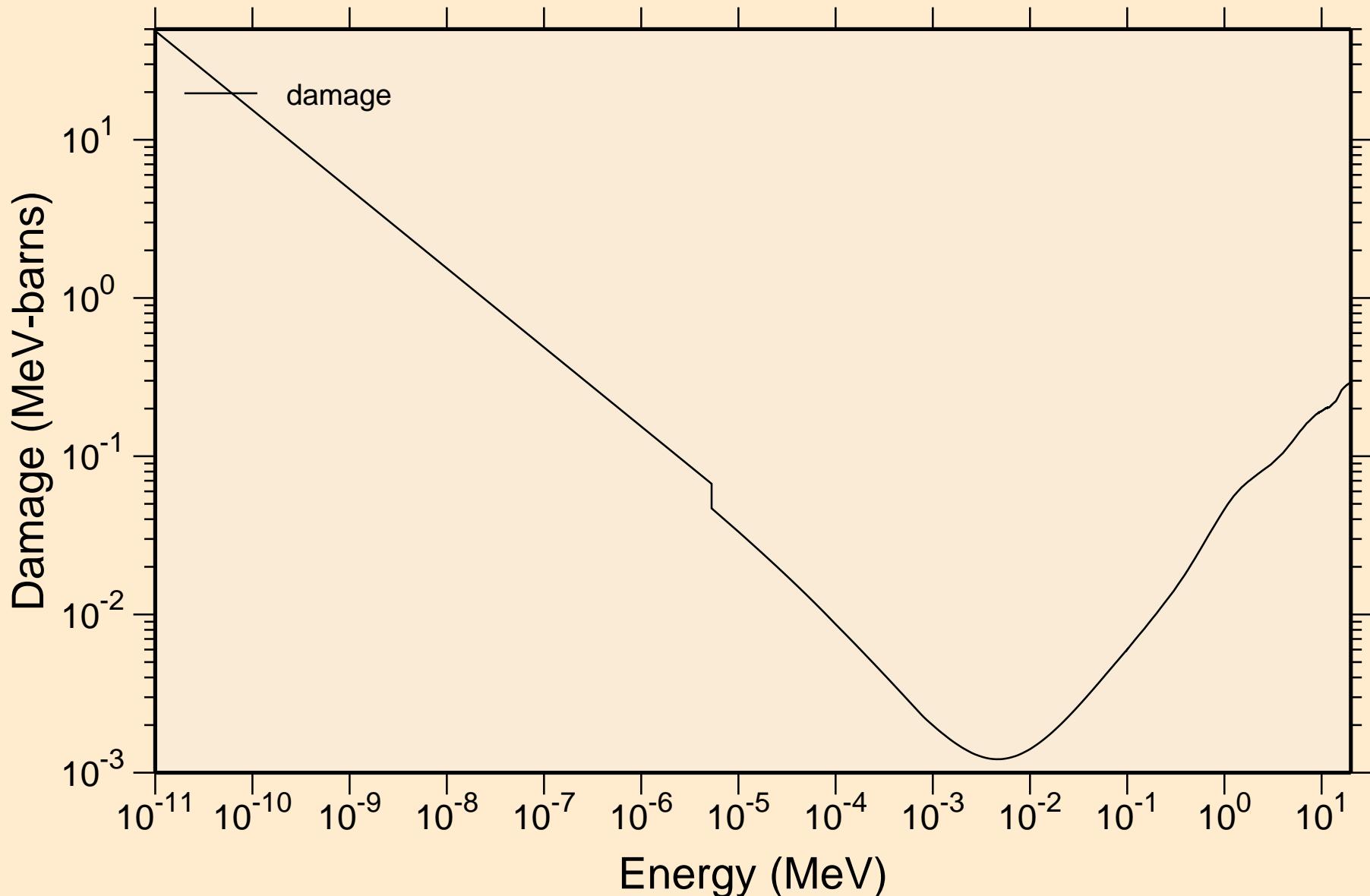


ENDF/B-VII TE-127M  
Heating

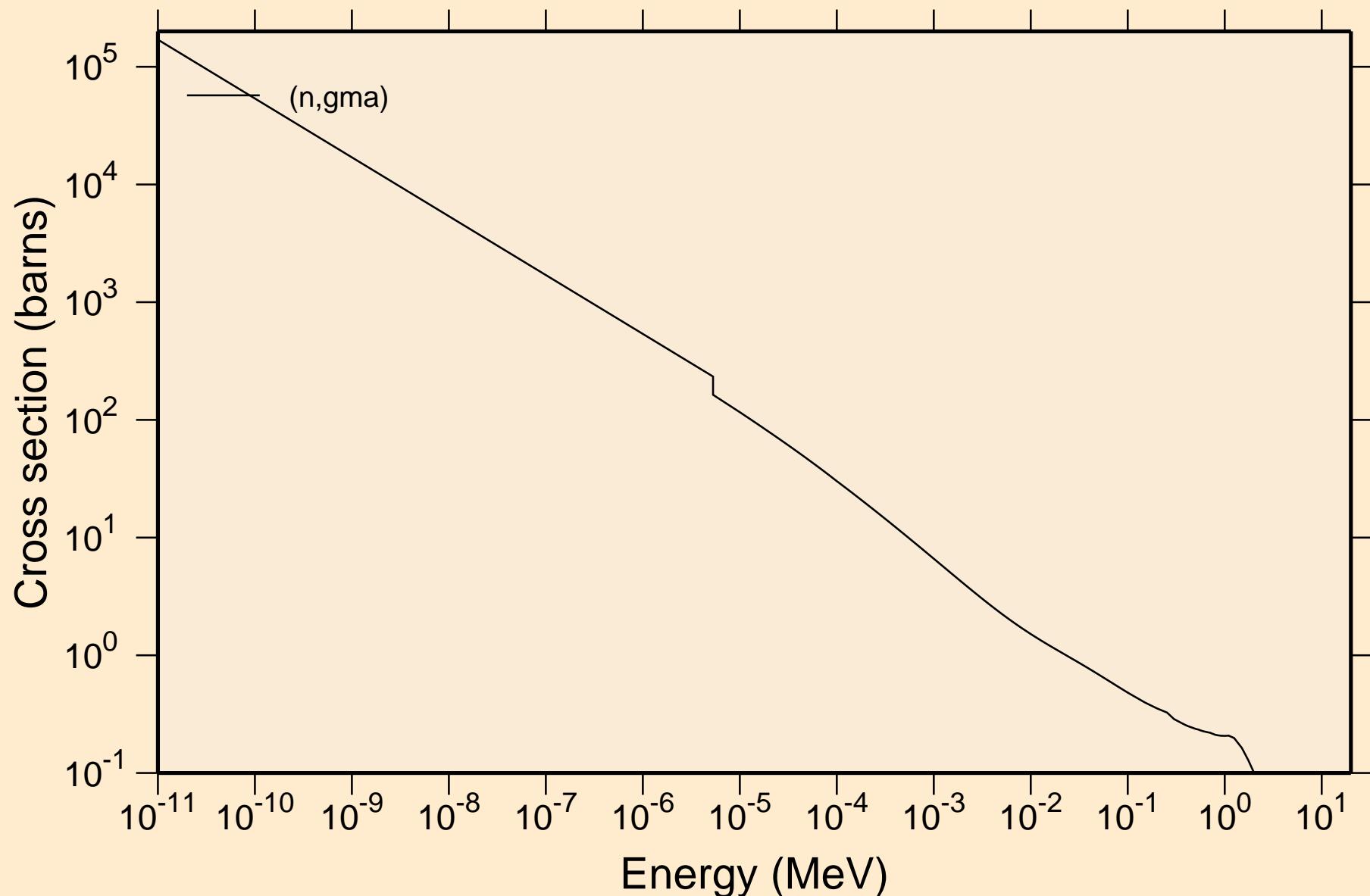


# ENDF/B-VII TE-127M

## Damage

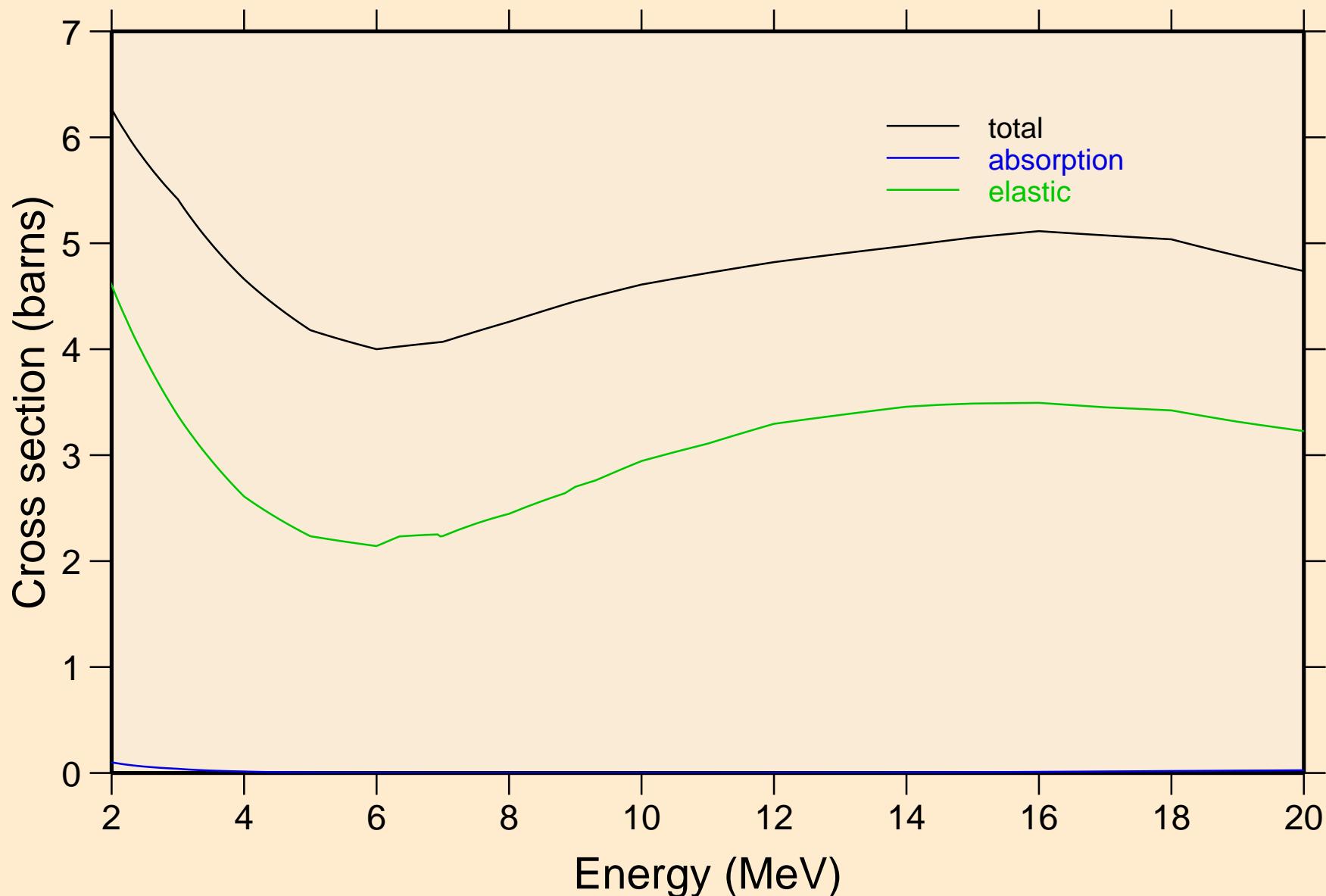


ENDF/B-VII TE-127M  
Non-threshold reactions

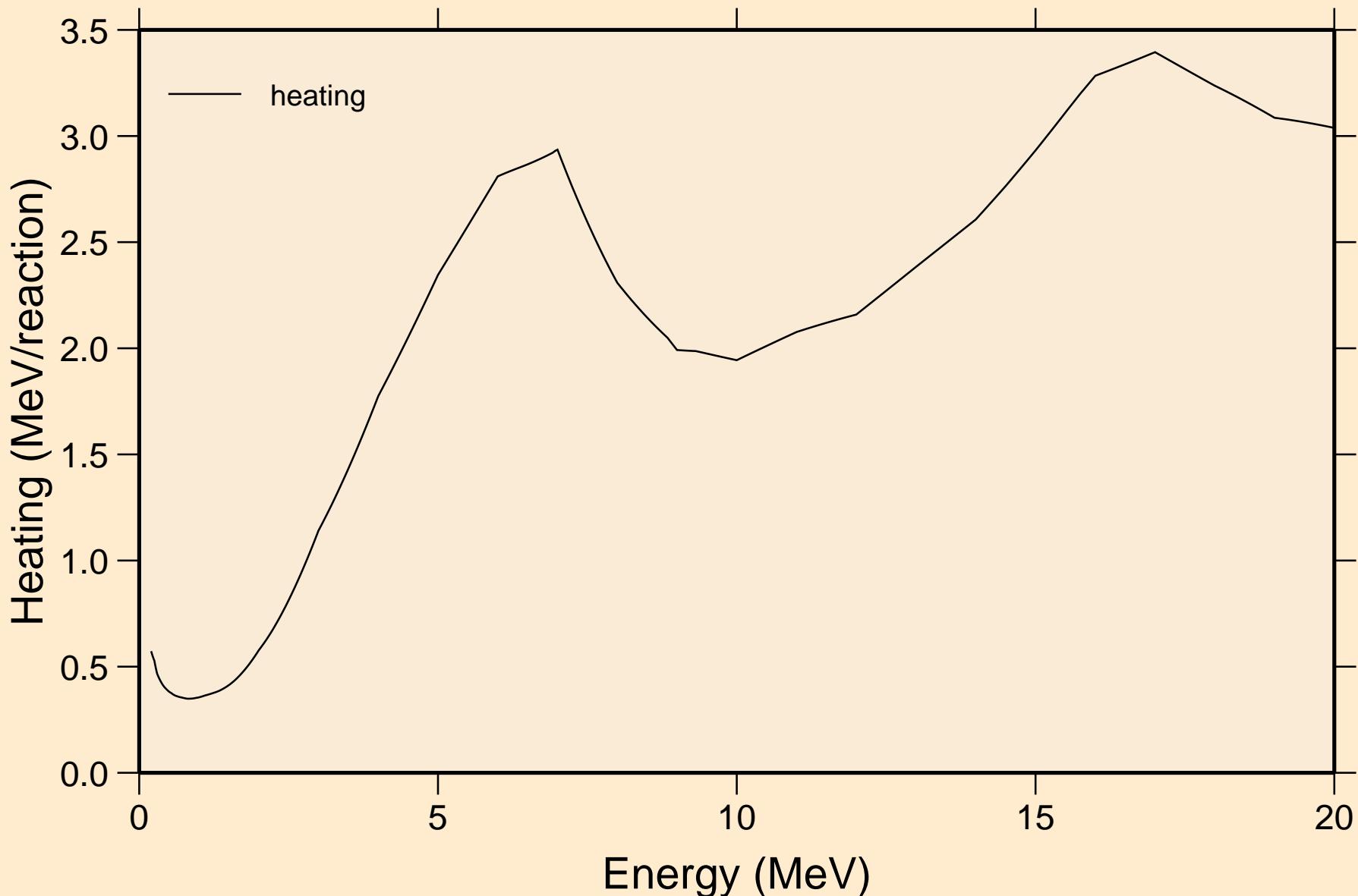


# ENDF/B-VII TE-127M

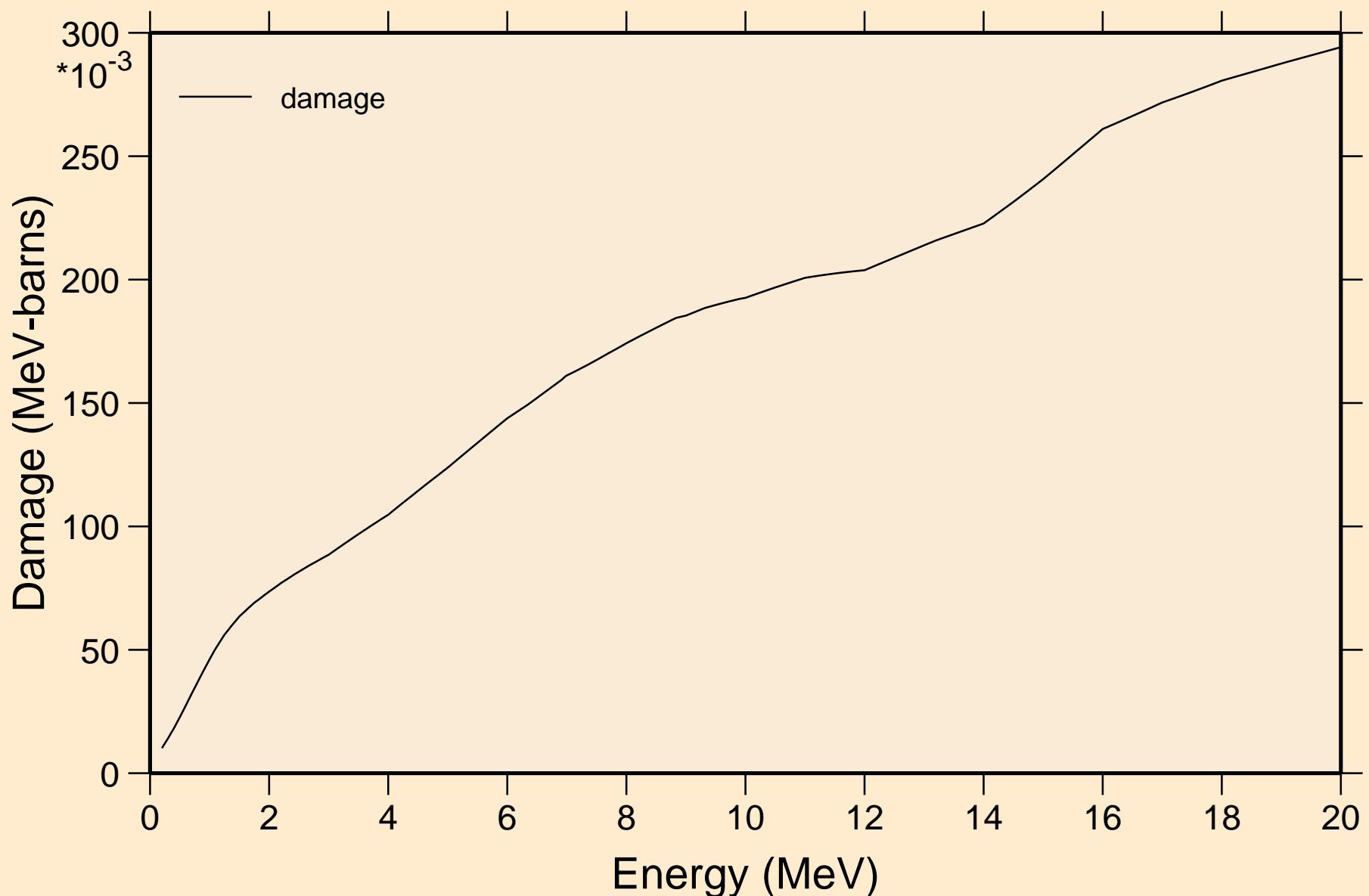
## Principal cross sections



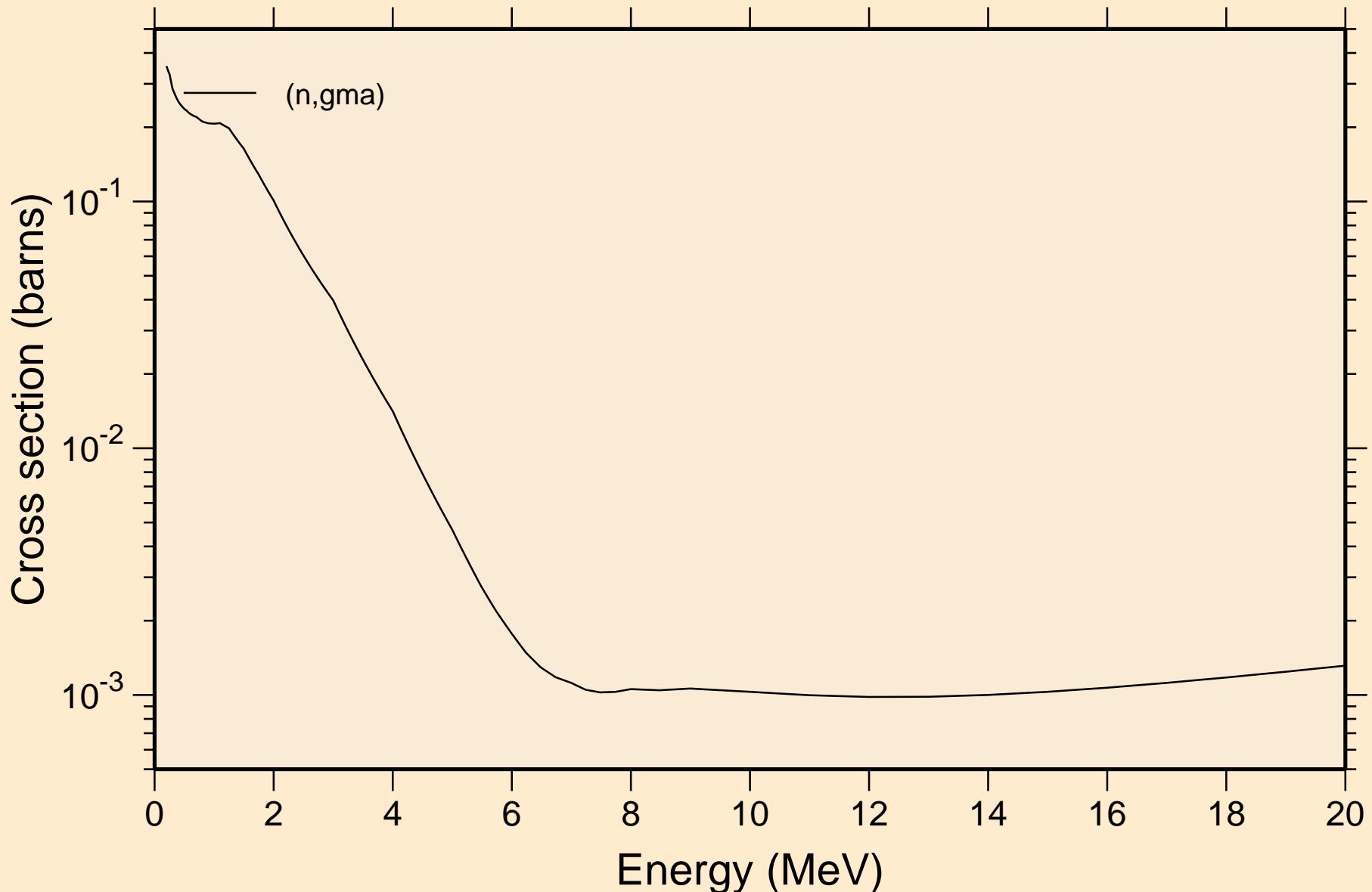
ENDF/B-VII TE-127M  
Heating



ENDF/B-VII TE-127M  
Damage

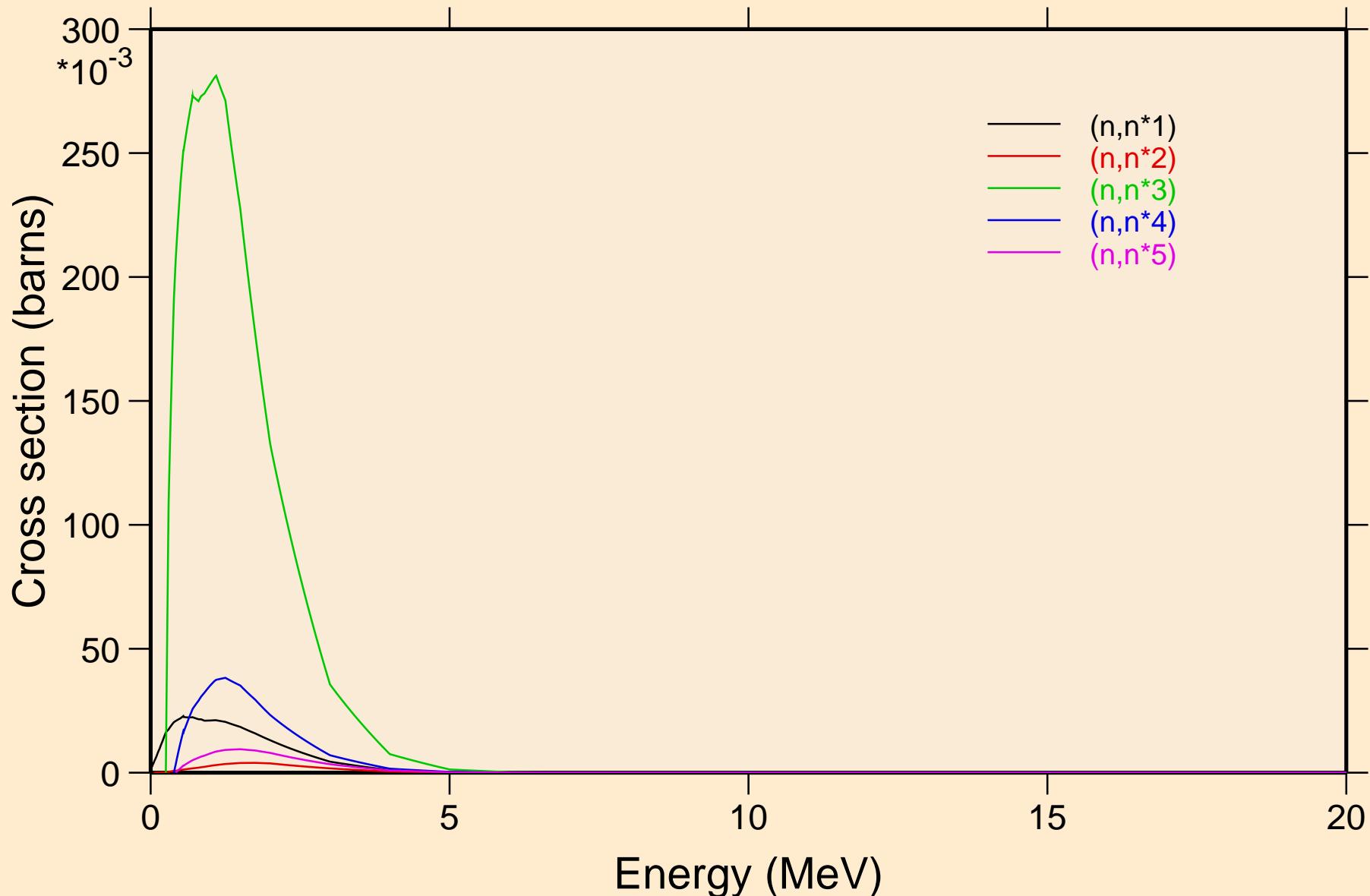


ENDF/B-VII TE-127M  
Non-threshold reactions



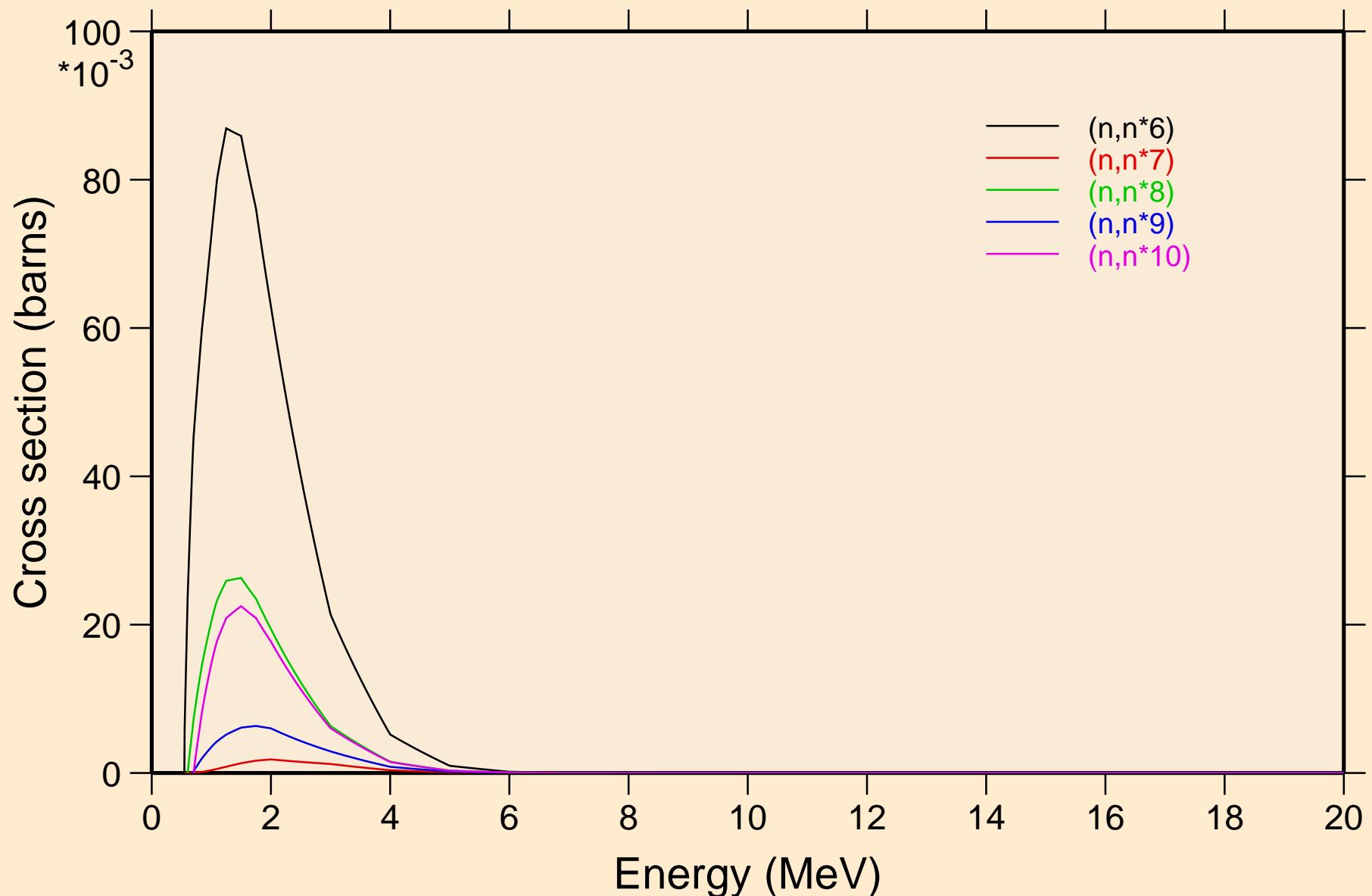
# ENDF/B-VII TE-127M

## Inelastic levels



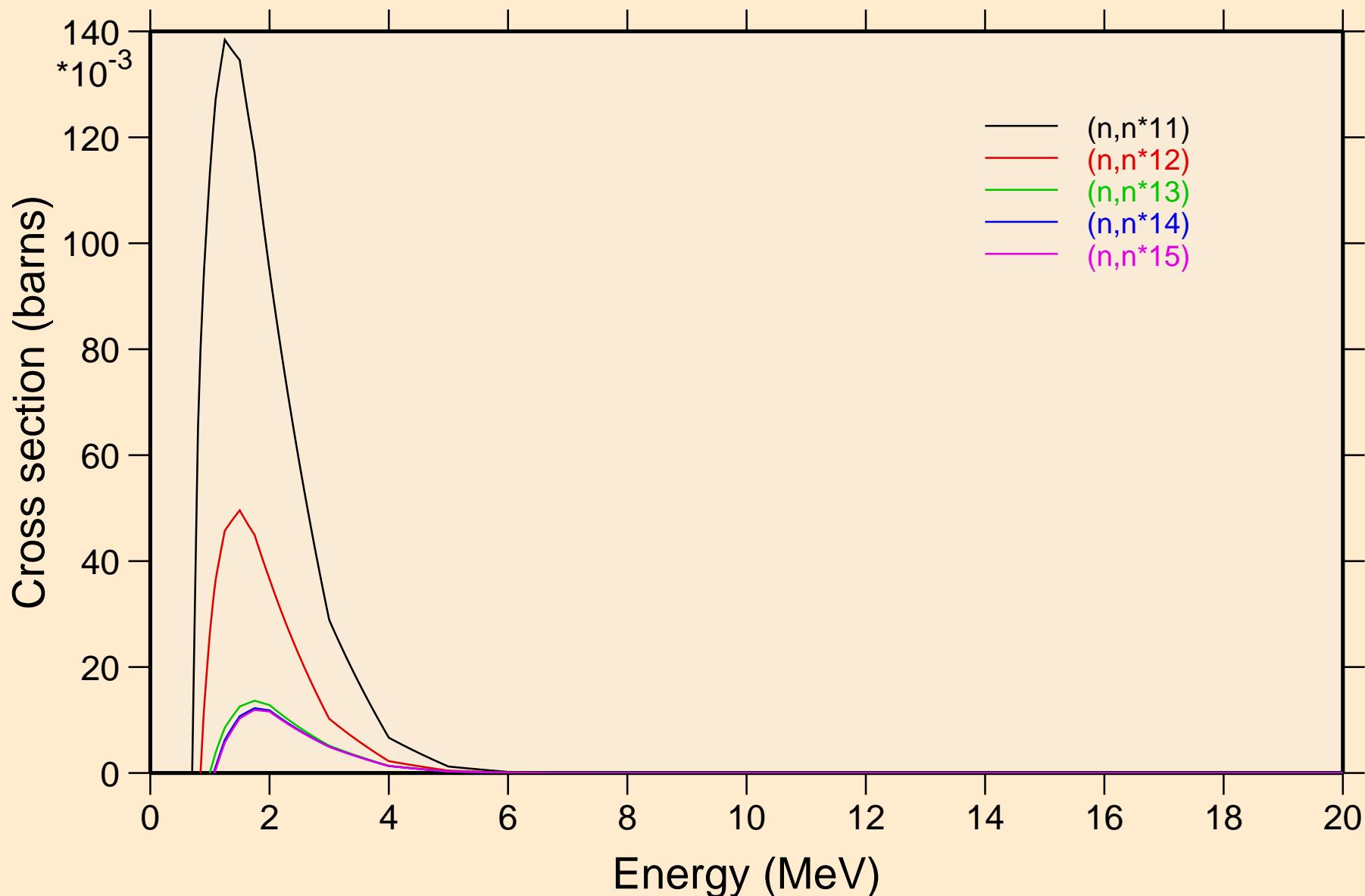
# ENDF/B-VII TE-127M

## Inelastic levels



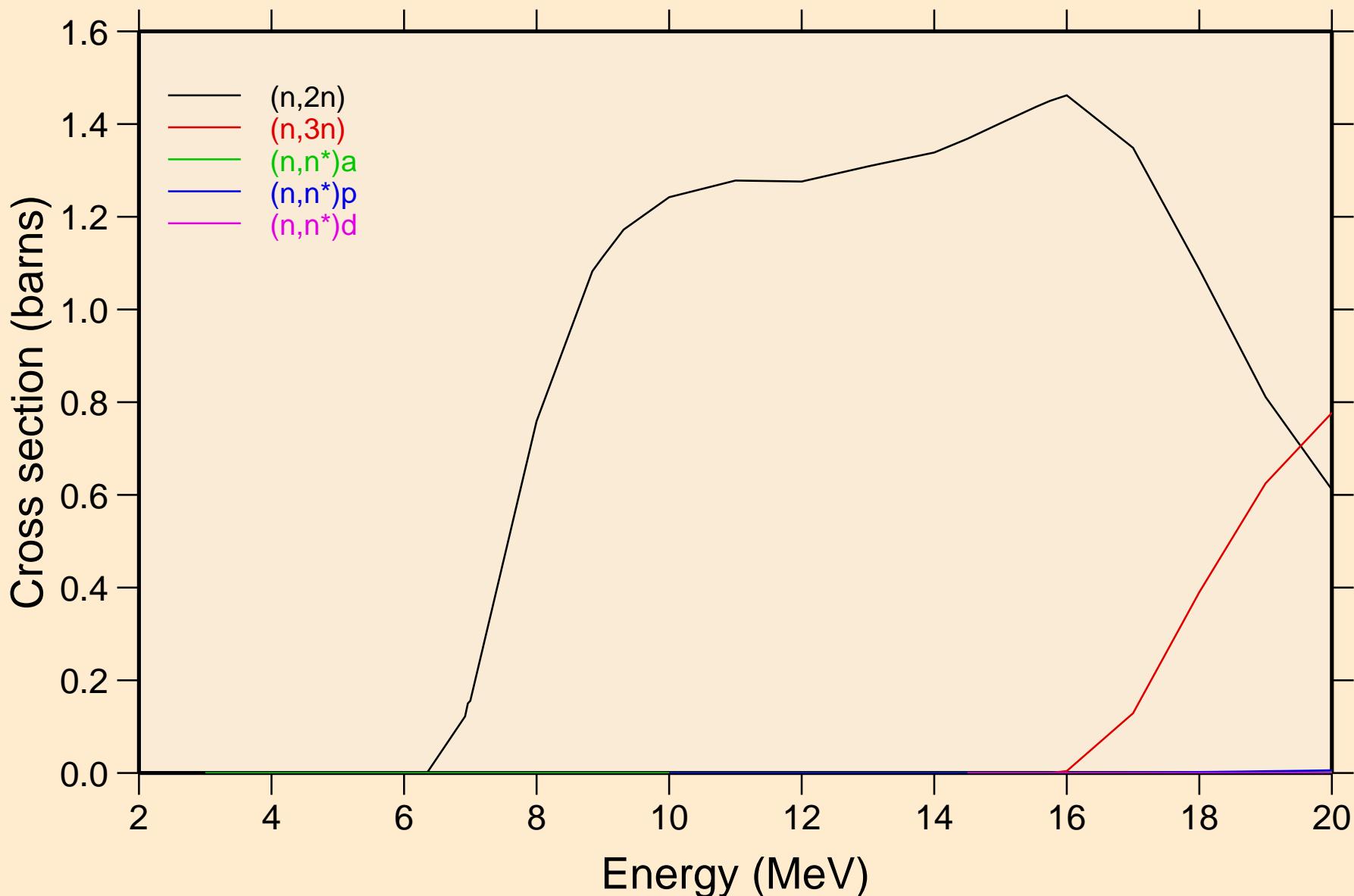
# ENDF/B-VII TE-127M

## Inelastic levels



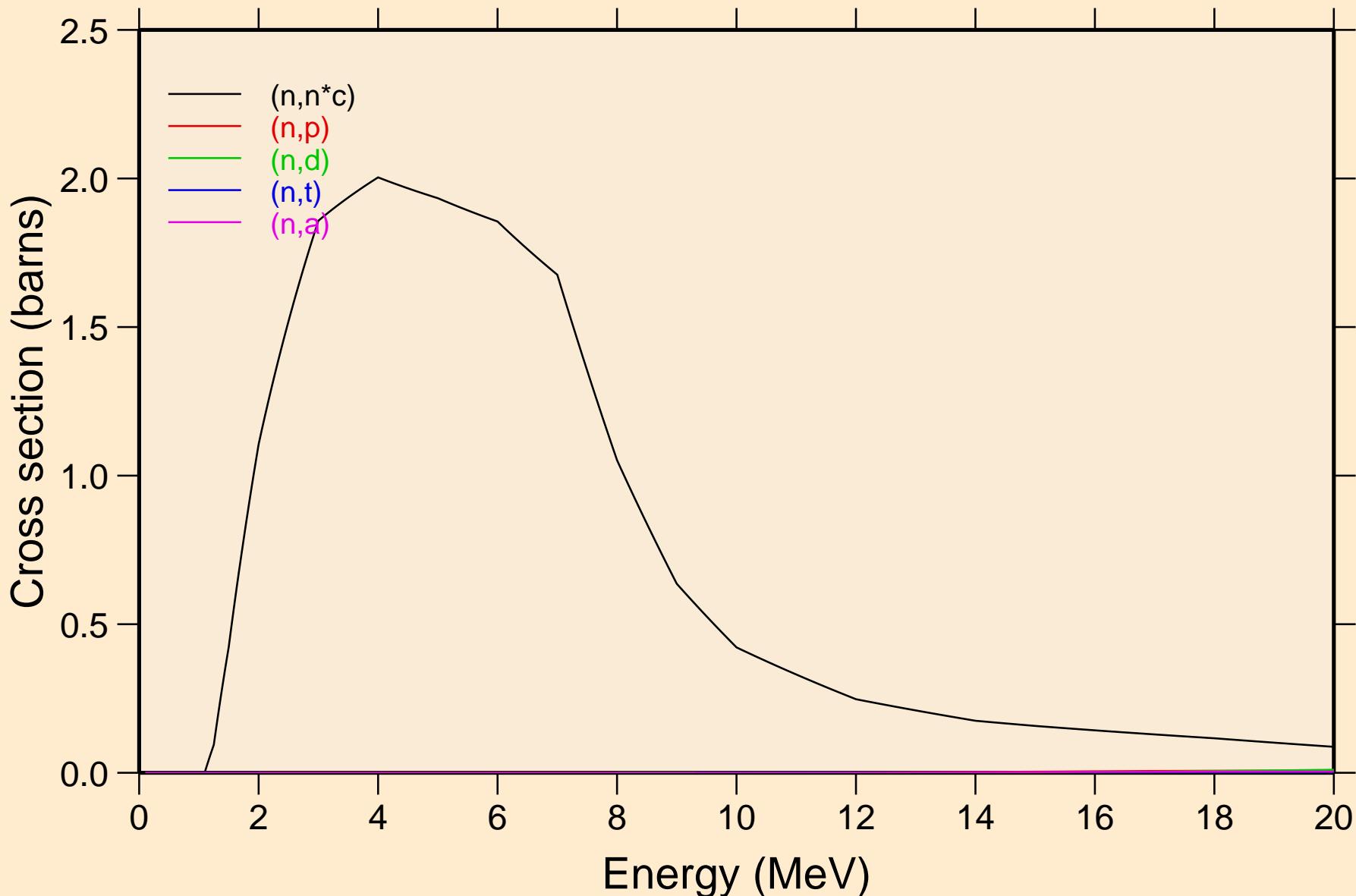
# ENDF/B-VII TE-127M

## Threshold reactions



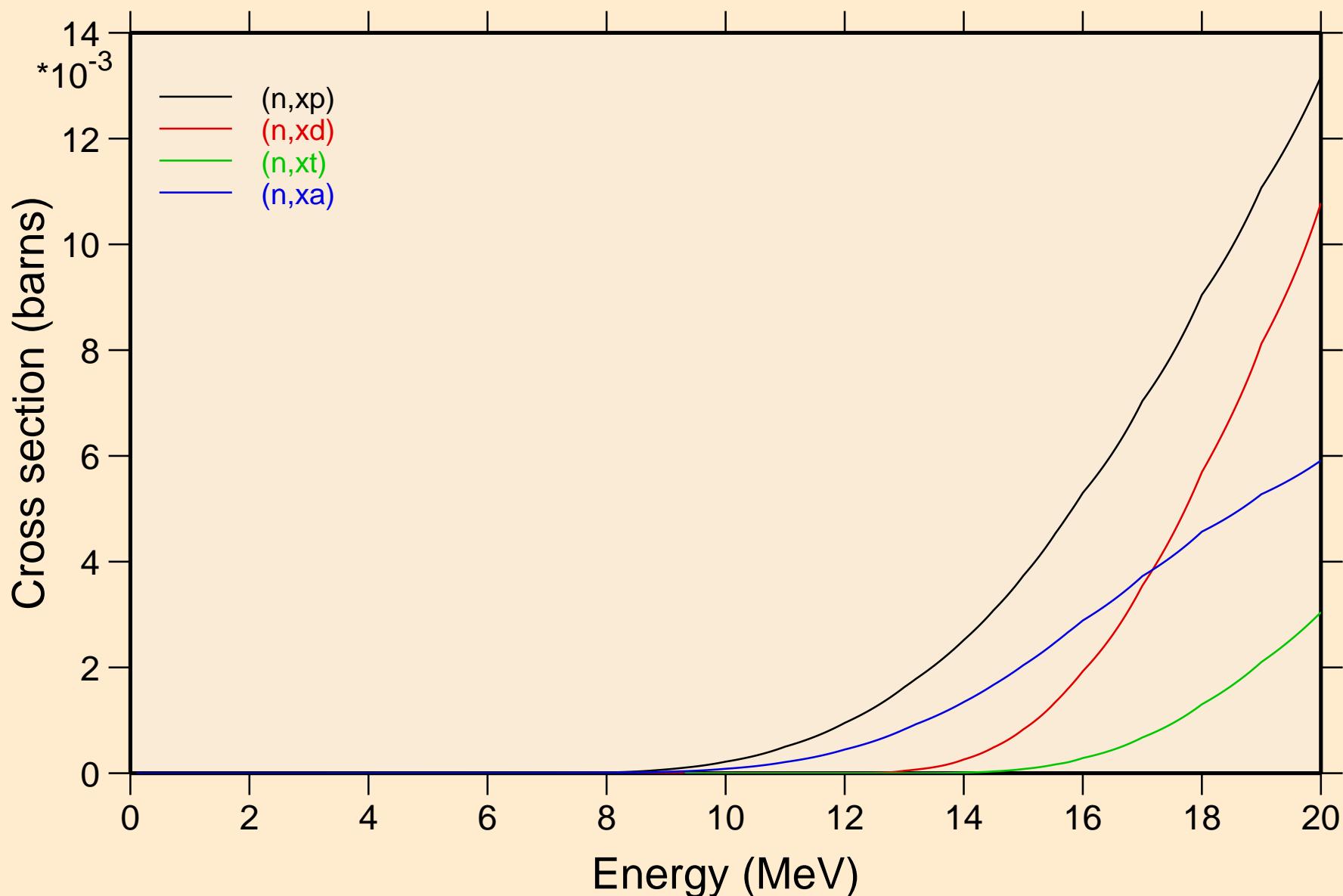
# ENDF/B-VII TE-127M

## Threshold reactions

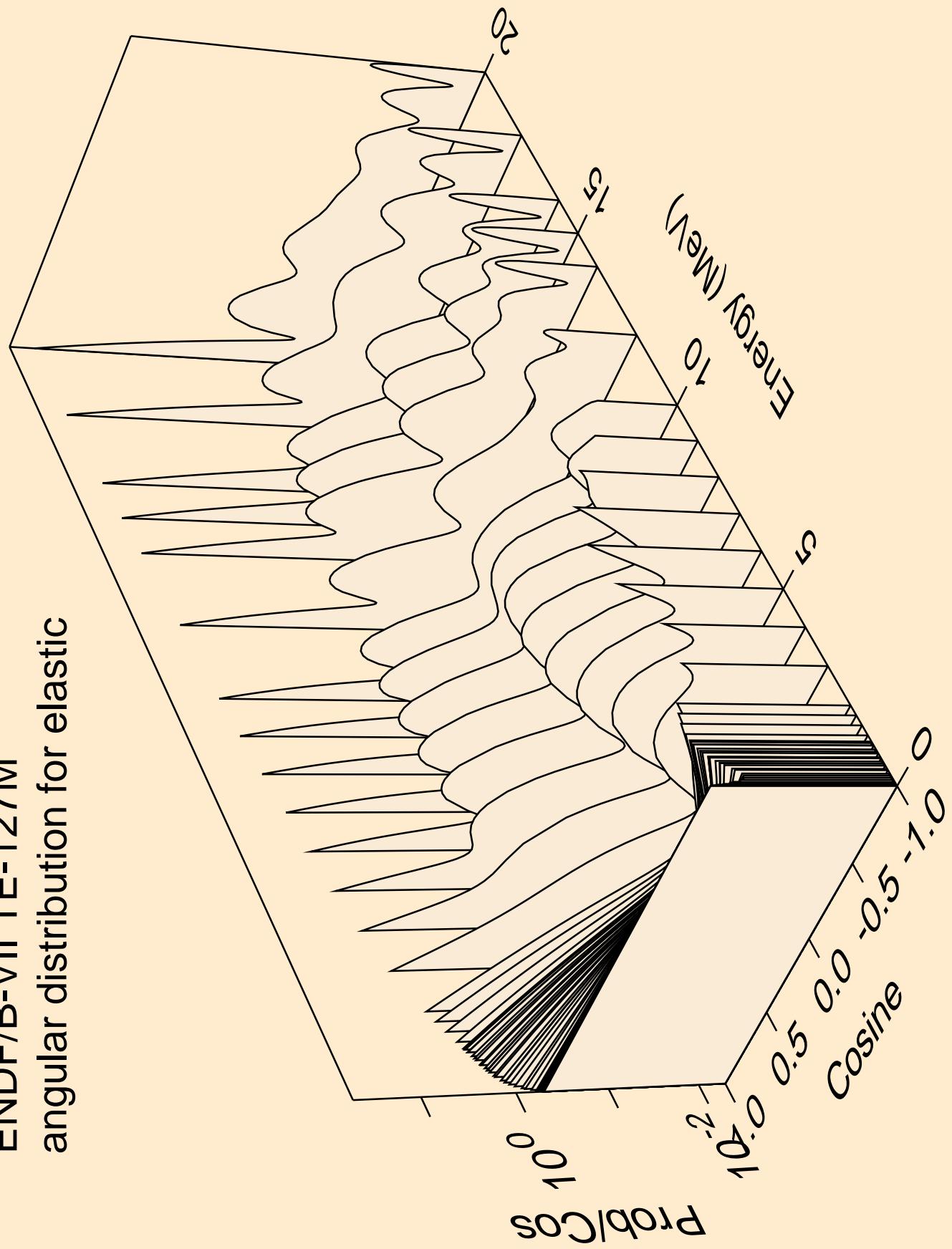


# ENDF/B-VII TE-127M

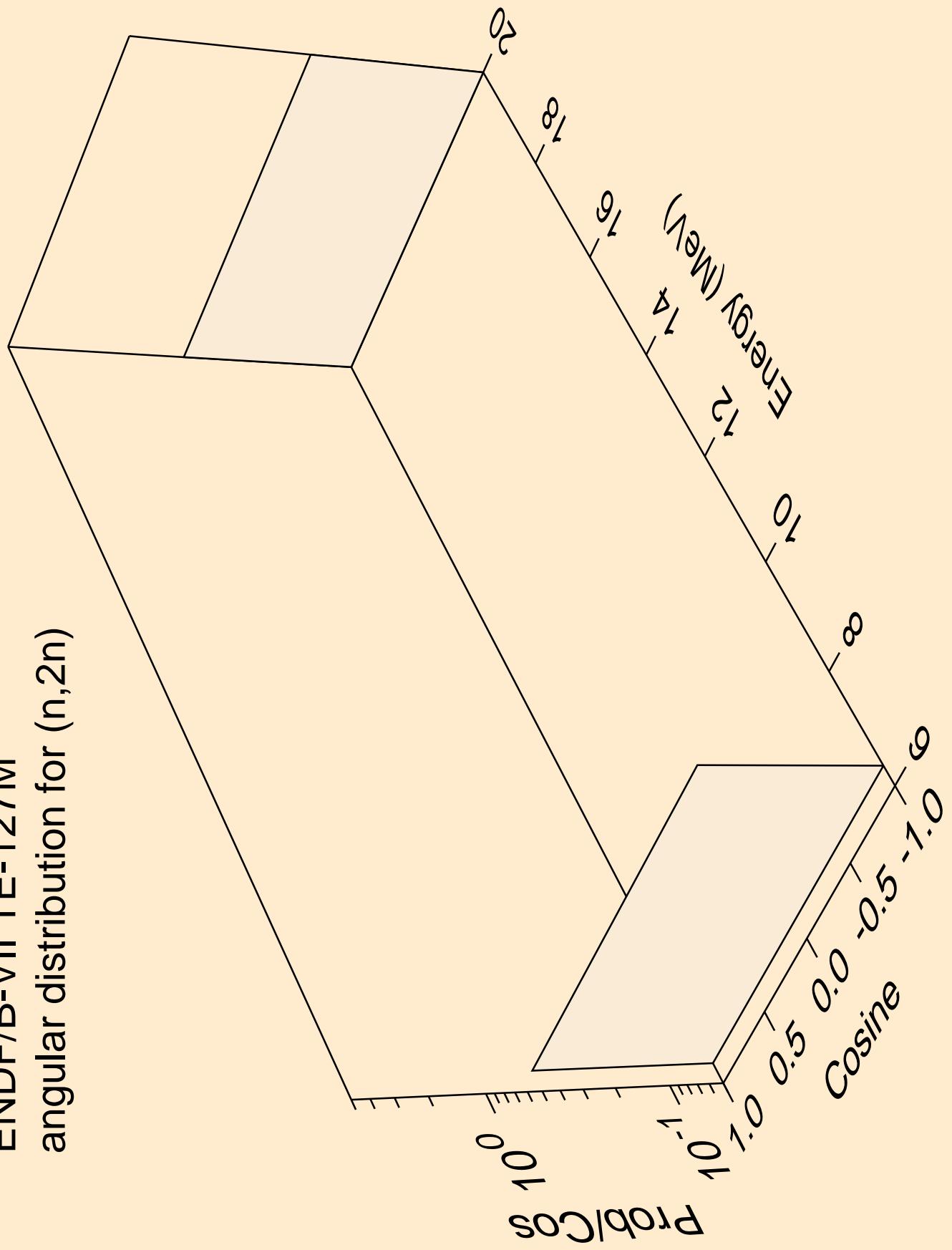
## Threshold reactions



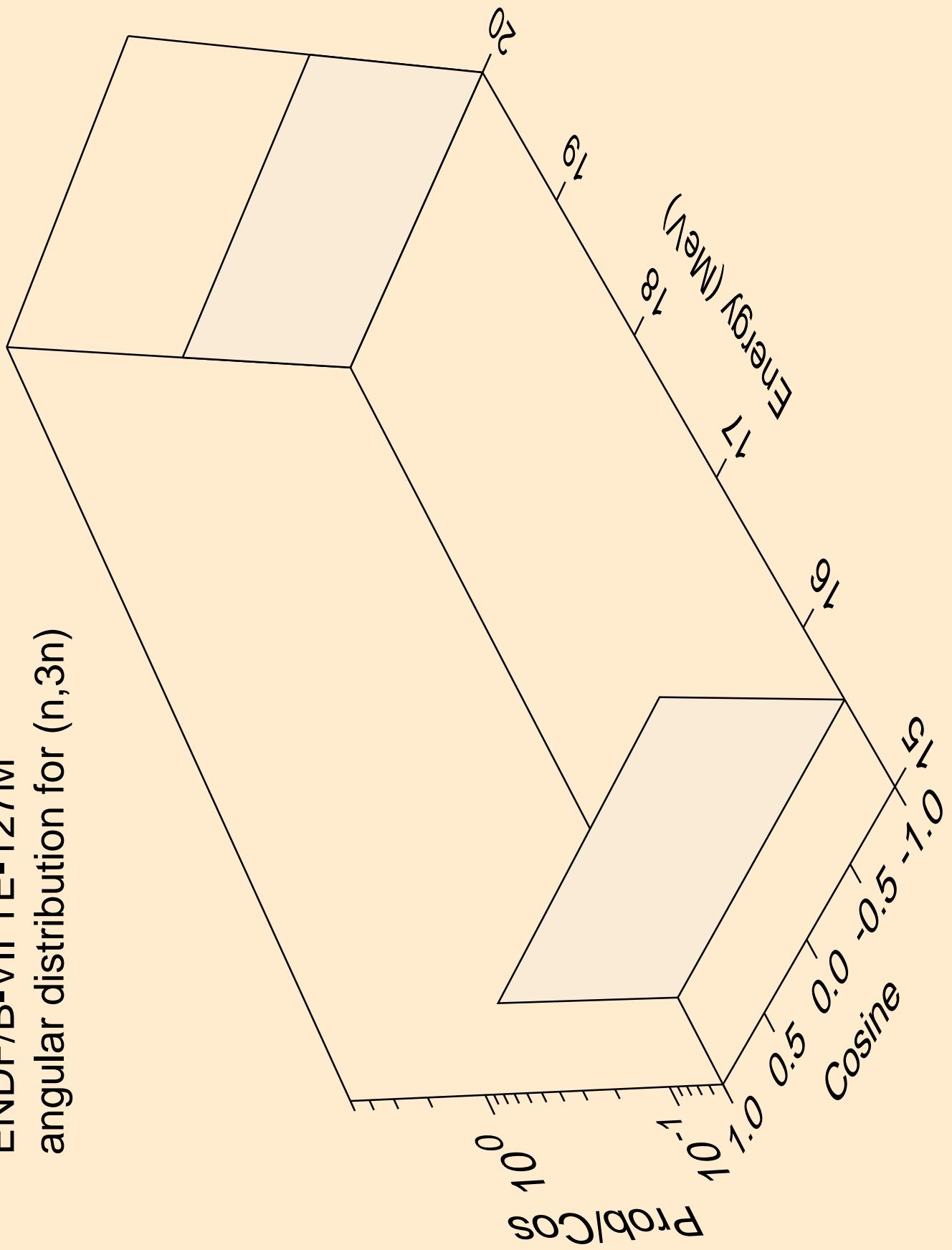
ENDF/B-VII TE-127M  
angular distribution for elastic



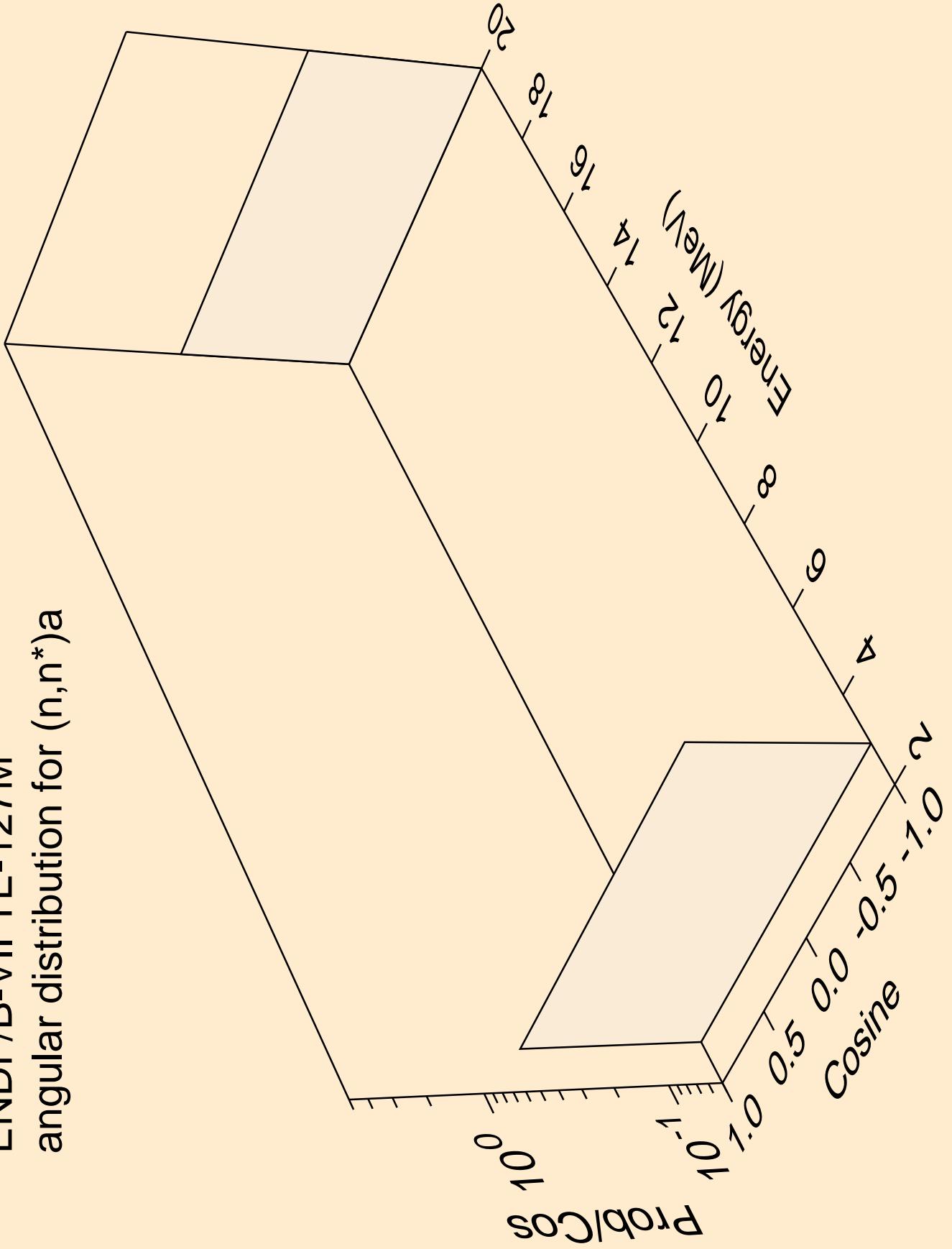
ENDF/B-VII TE-127M  
angular distribution for (n,2n)



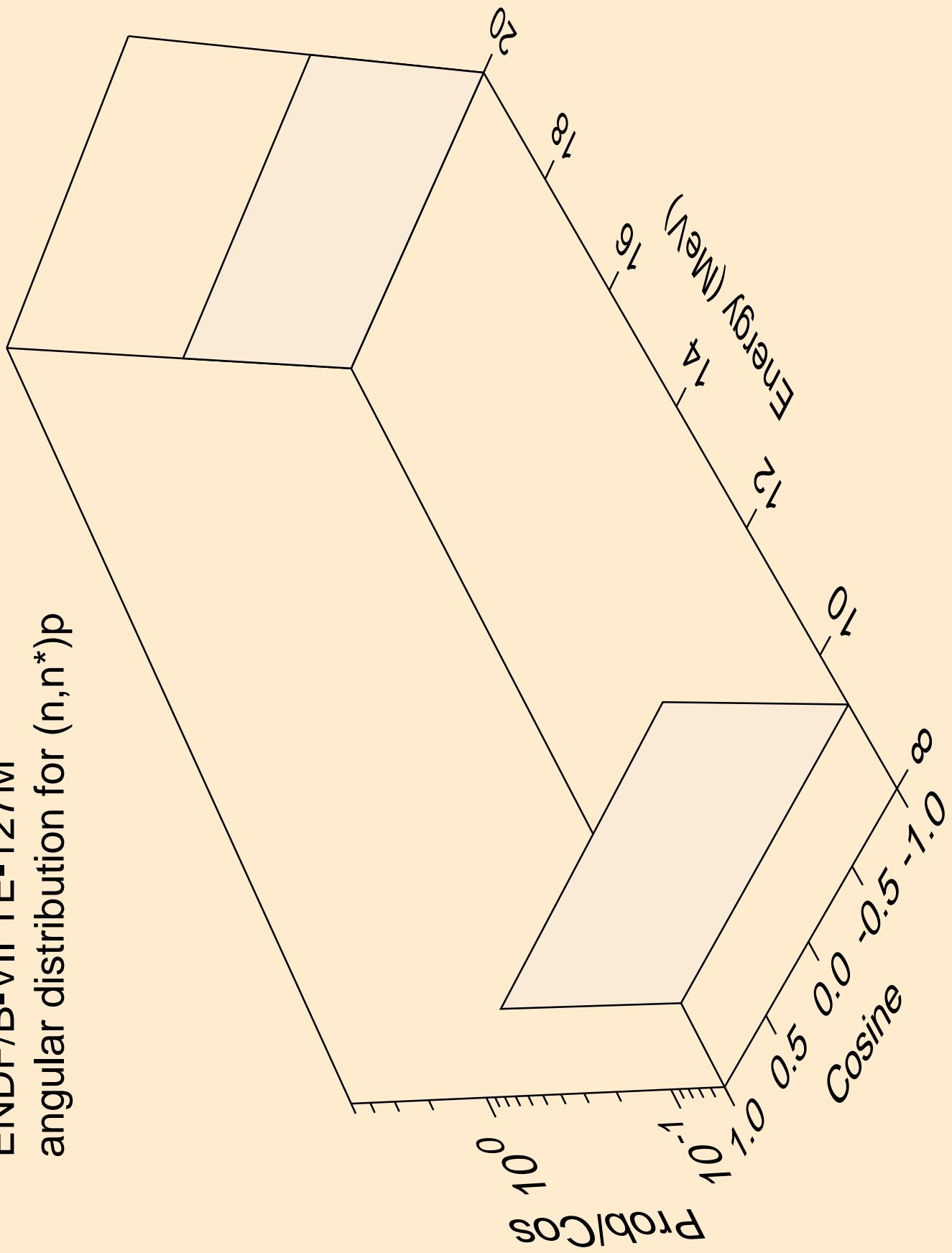
ENDF/B-VII TE-127M  
angular distribution for (n,3n)



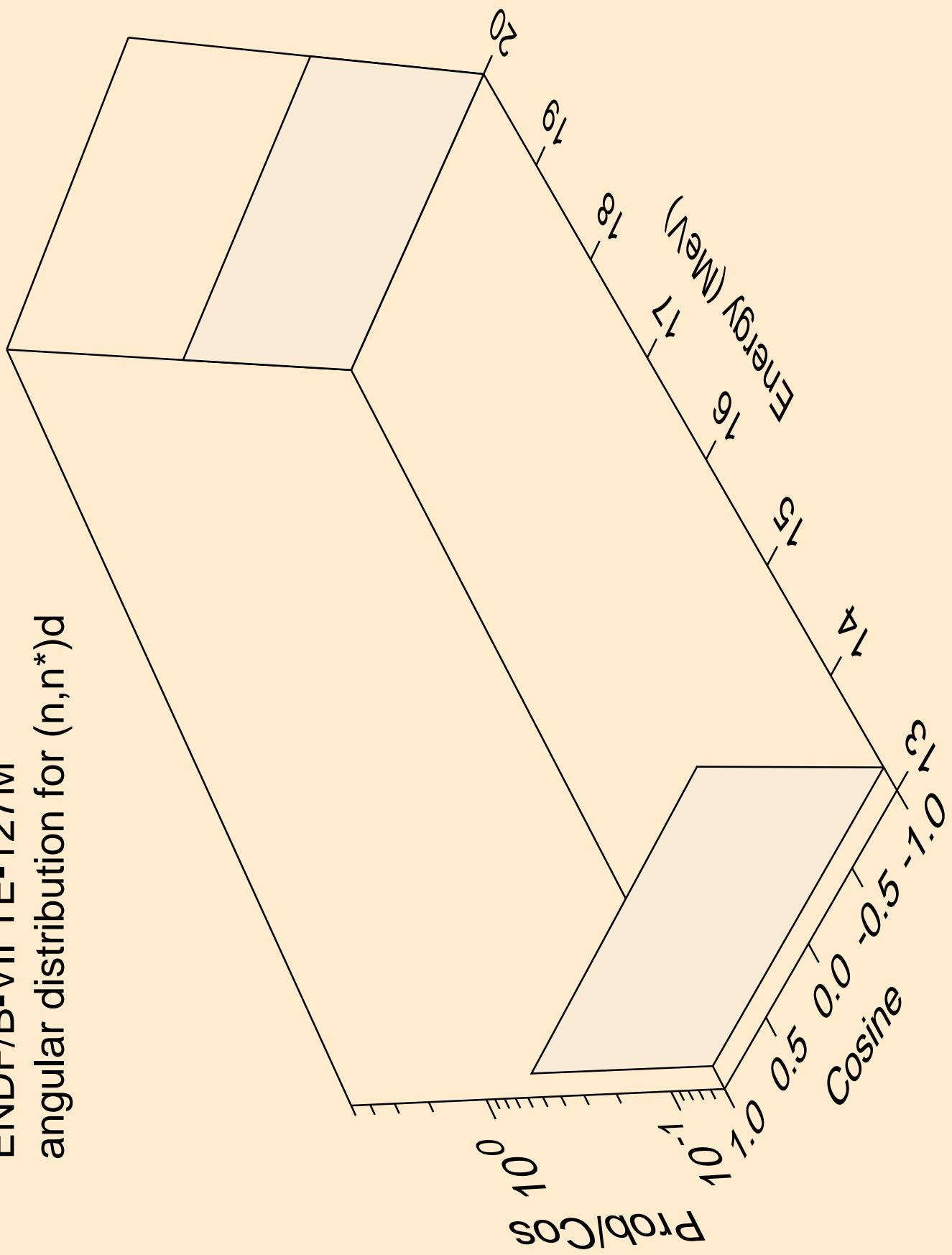
ENDF/B-VII TE-127M  
angular distribution for  $(n, n^*)$ a



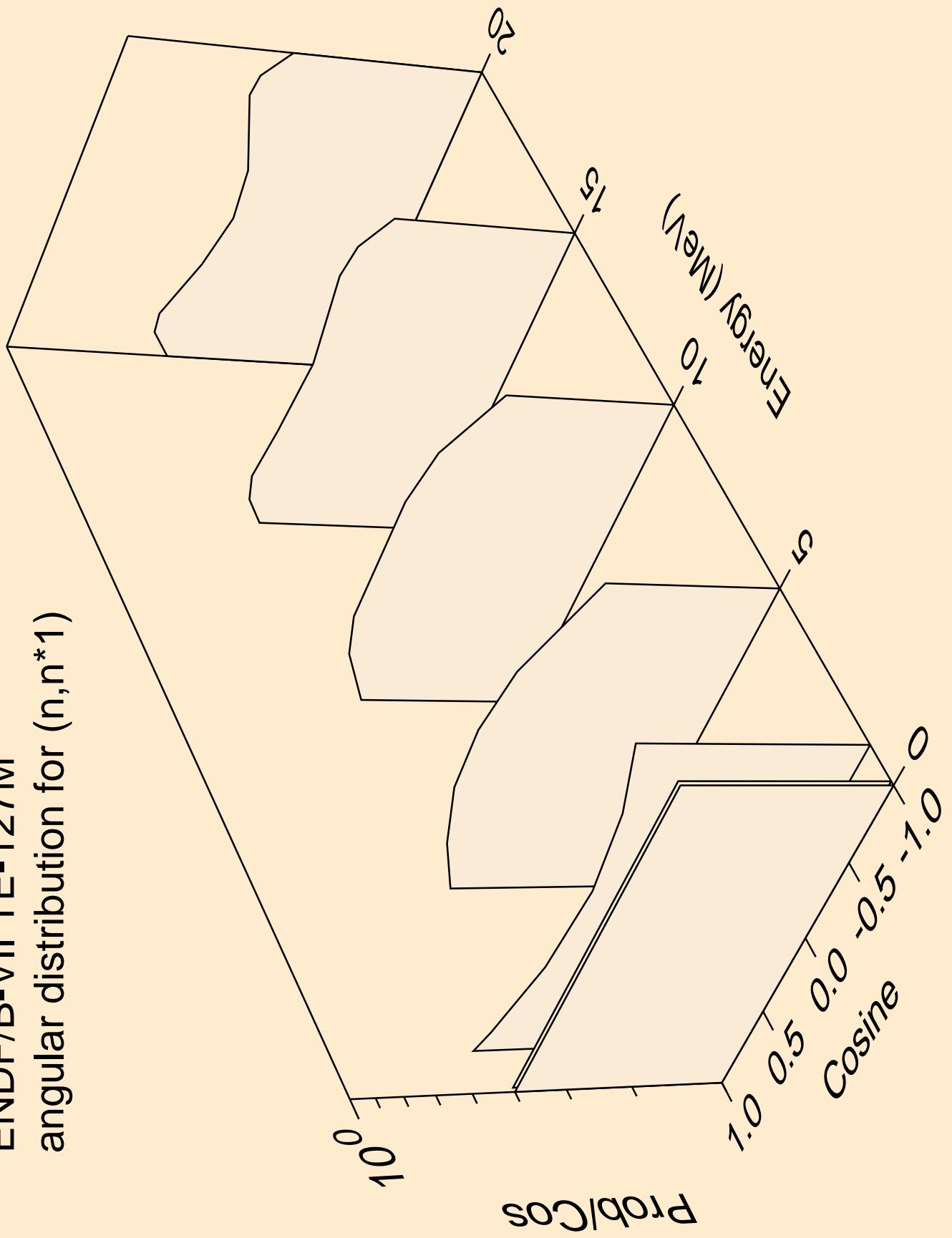
ENDF/B-VII TE-127M  
angular distribution for  $(n,n^*)p$



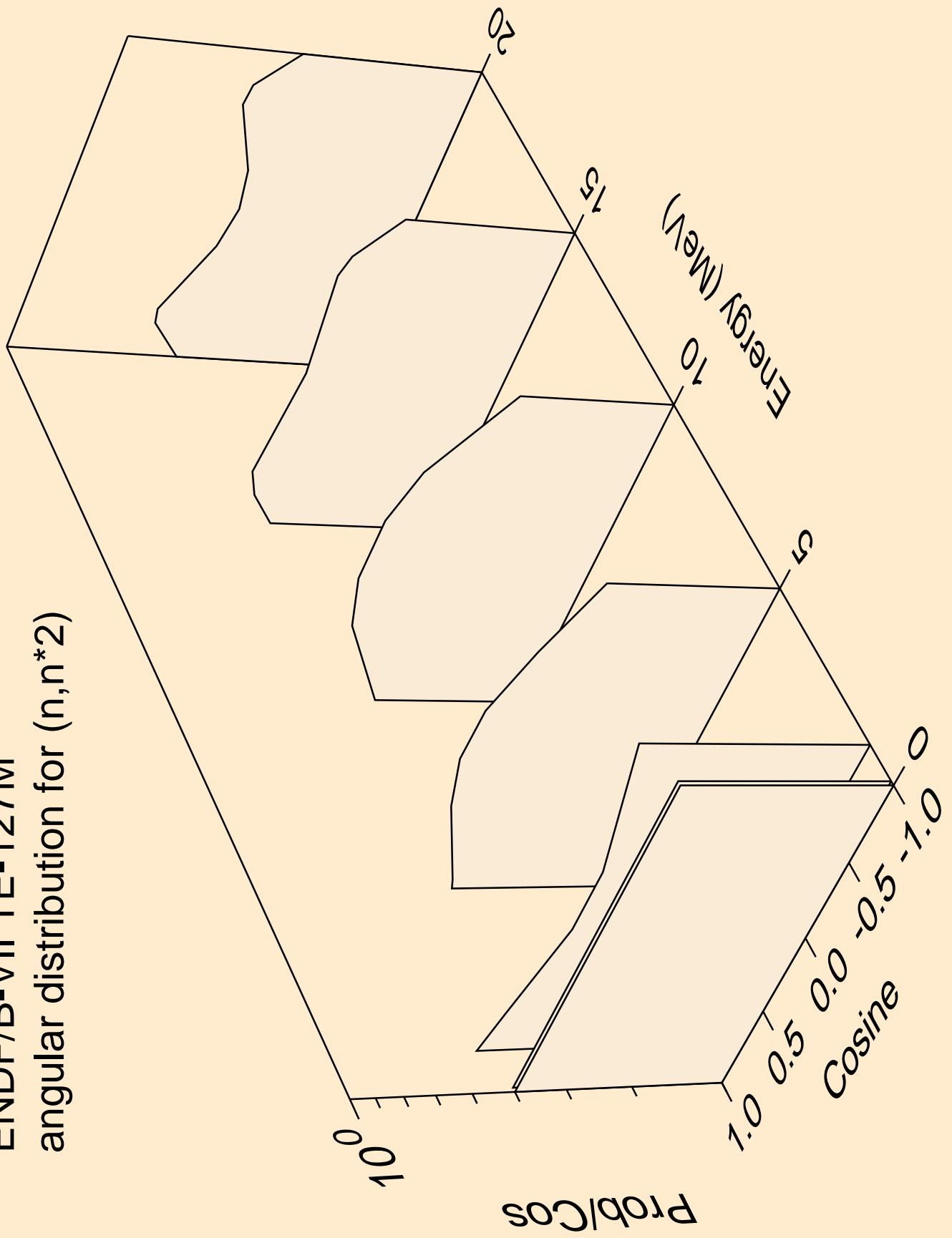
ENDF/B-VII TE-127M  
angular distribution for  $(n,n^*)d$



ENDF/B-VII TE-127M  
angular distribution for (n,n\*1)



ENDF/B-VII TE-127M  
angular distribution for ( $n,n^*2$ )

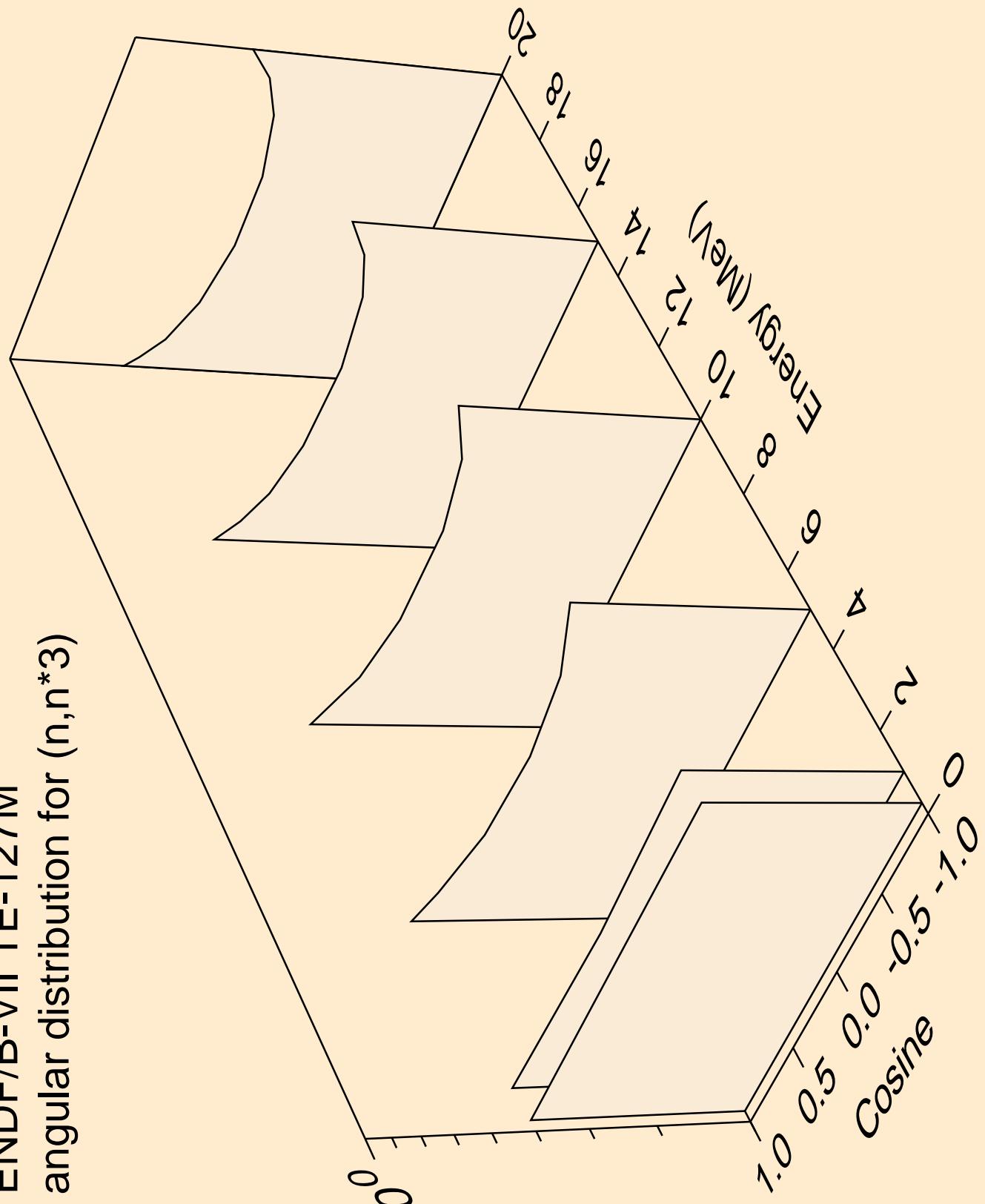


ENDF/B-VII TE-127M  
angular distribution for ( $n,n^*3$ )

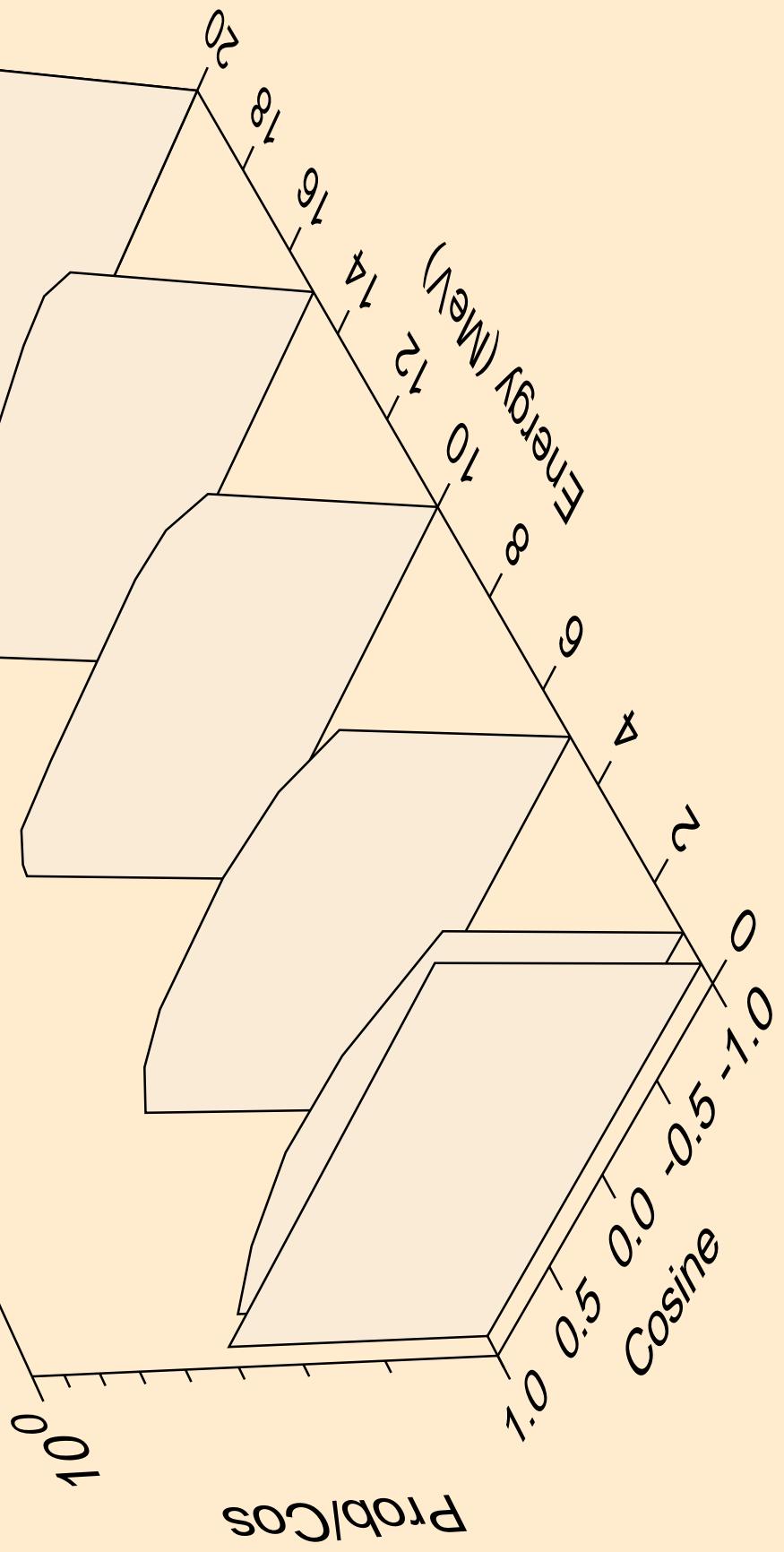
PROB/COS

$10^0$

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII TE-127M  
angular distribution for (n,n\*4)



ENDF/B-VII TE-127M  
angular distribution for (n,n\*5)

Prob/Cos

$10^0$

0.5 0.0 -0.5 -1.0  
Cosine

Energy (MeV)

20

18

16

14

12

10

8

6

4

2

0

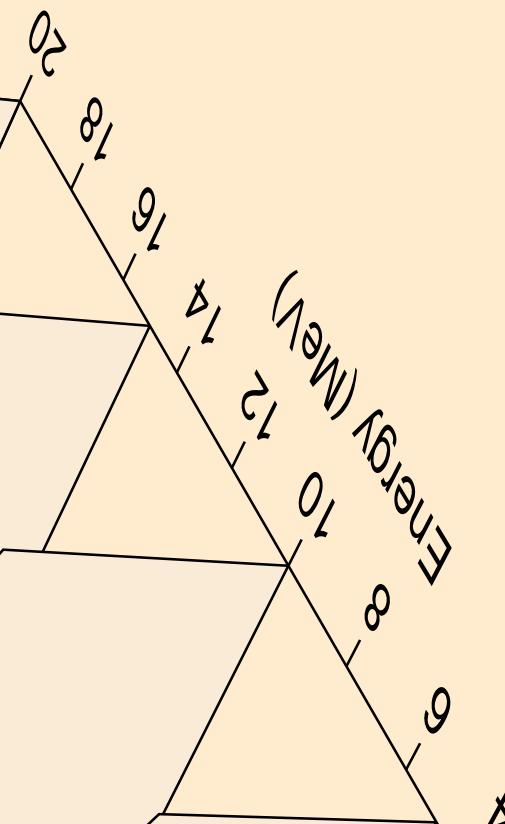
ENDF/B-VII TE-127M  
angular distribution for (n,n\*6)

Prob/Cos

$10^0$

0.5 -1.0  
Cosine

1.0  
0.5  
0.0  
-0.5  
-1.0  
Energy (MeV)

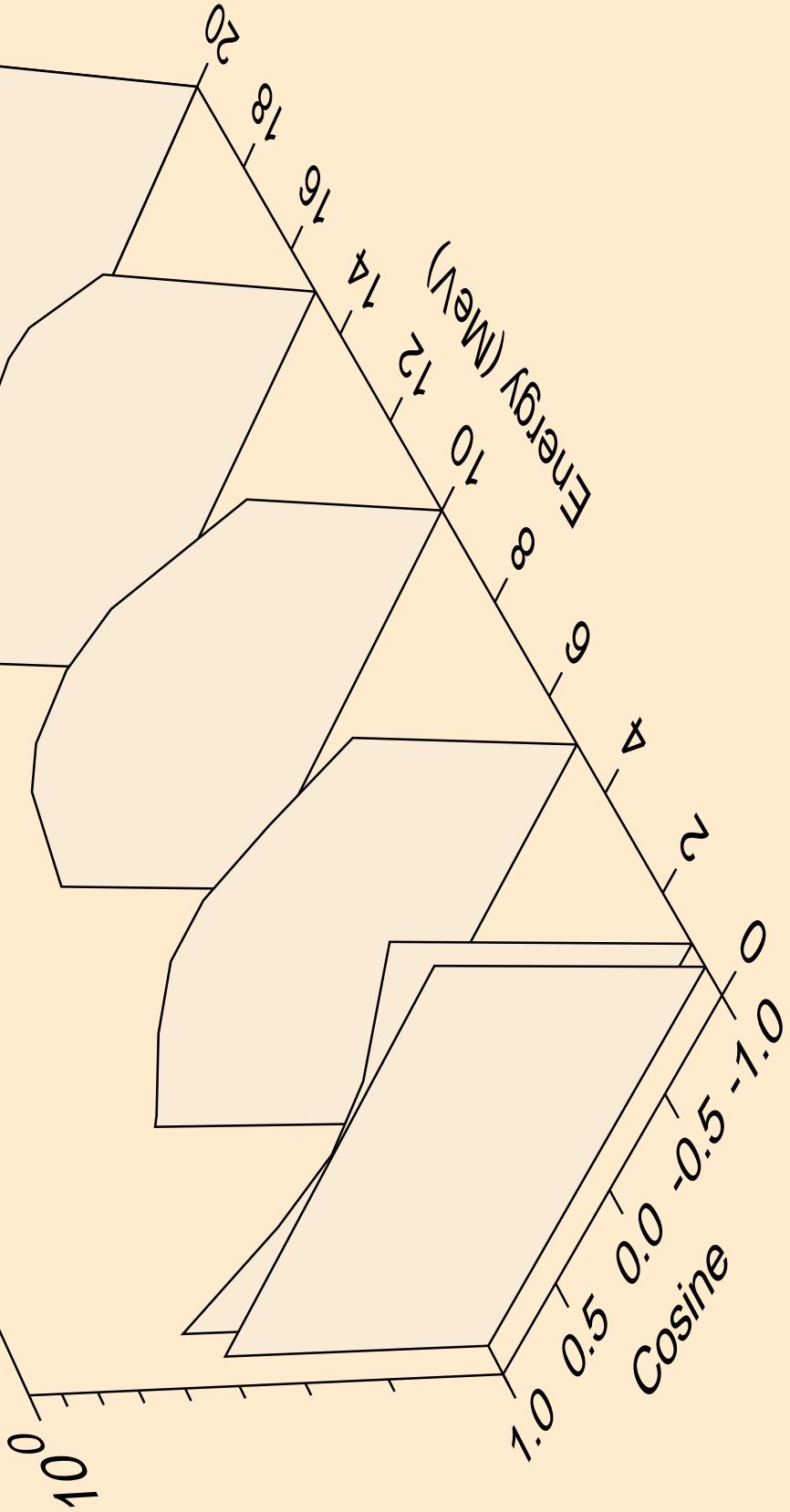


ENDF/B-VII TE-127M  
angular distribution for (n,n\*7)

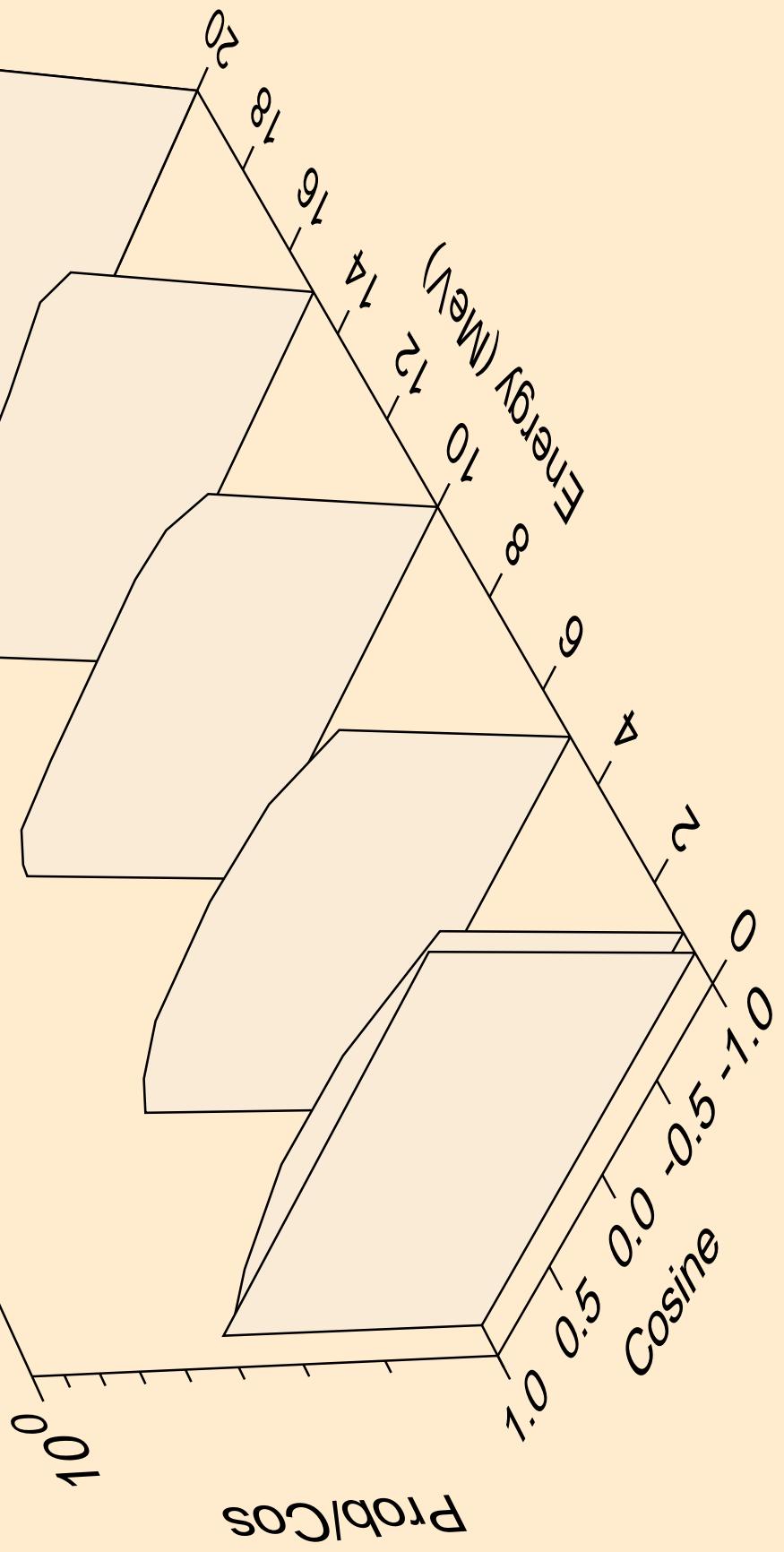
Prob/Cos

$10^0$

0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII TE-127M  
angular distribution for (n,n\*8)



ENDF/B-VII TE-127M  
angular distribution for (n,n\*9)

Prob/Cos

$10^0$

1.0

0.5

0.0

-0.5

-1.0

Cosine

0.5 -1.0

Δ

σ

$E_{\text{Energy}}(\text{MeV})$

10  
2  
4  
6  
8  
10  
12  
14  
16  
18  
20

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII TE-127M

angular distribution for (n,n\*10)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

$\Delta$

$\sigma$

Energies (MeV)

$\phi_0$

$\phi_{18}$

$\phi_{16}$

$\phi_{14}$

$\phi_{12}$

$\phi_{10}$

$\phi_8$

$\phi_6$

$\phi_4$

$\phi_2$

$\phi_0$

ENDF/B-VII TE-127M

angular distribution for (n,n\*11)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

$\Delta$

$\sigma$

Energies (MeV)

$\phi_0$

$\phi_8$

$\phi_{16}$

$\phi_{24}$

$\phi_{32}$

$\phi_{40}$

$\phi_{48}$

$\phi_{56}$

$\phi_{64}$

$\phi_{72}$

$\phi_{80}$

$\phi_{88}$

$\phi_{96}$

ENDF/B-VII TE-127M

angular distribution for (n,n\*12)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

20  
18  
16  
14  
12  
10  
8  
6  
4  
2  
0  
Energy (MeV)

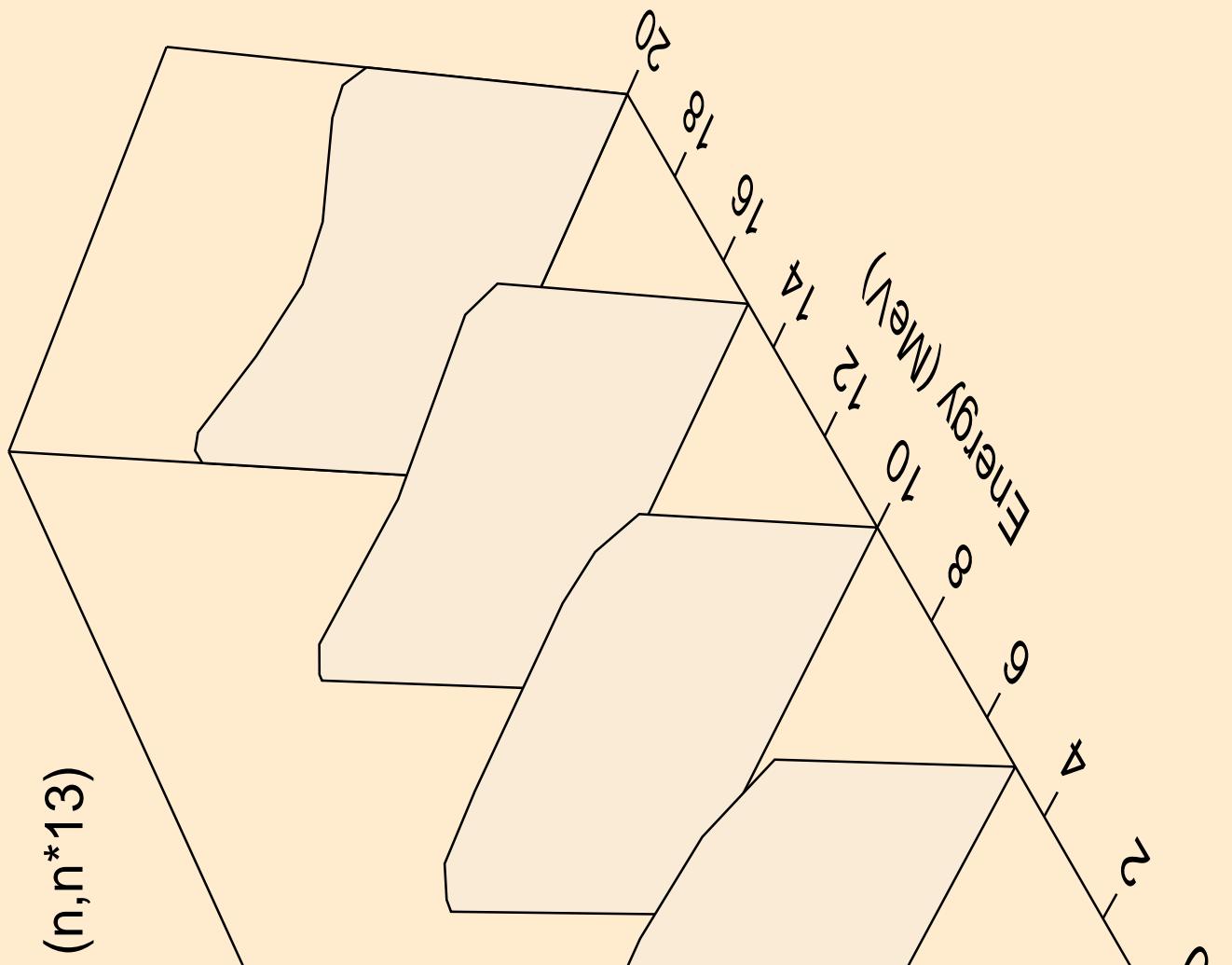
ENDF/B-VII TE-127M

angular distribution for (n,n\*13)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII TE-127M

angular distribution for (n,n\*14)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

20  
18  
16  
14  
12  
10  
8  
6  
4  
2  
0  
Energy (MeV)

ENDF/B-VII TE-127M

angular distribution for (n,n\*15)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

Energy (MeV)

20

18

16

14

12

10

8

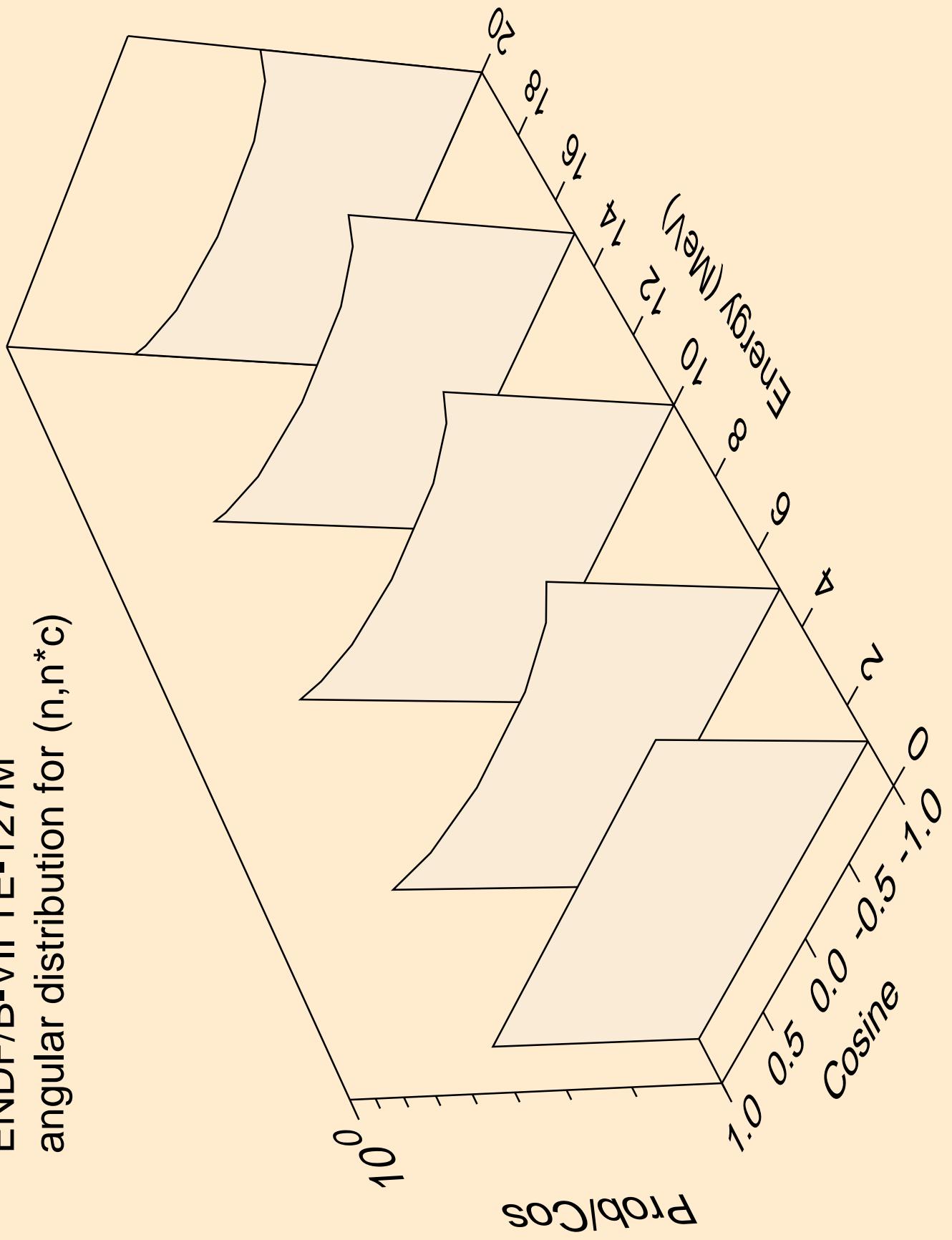
6

4

2

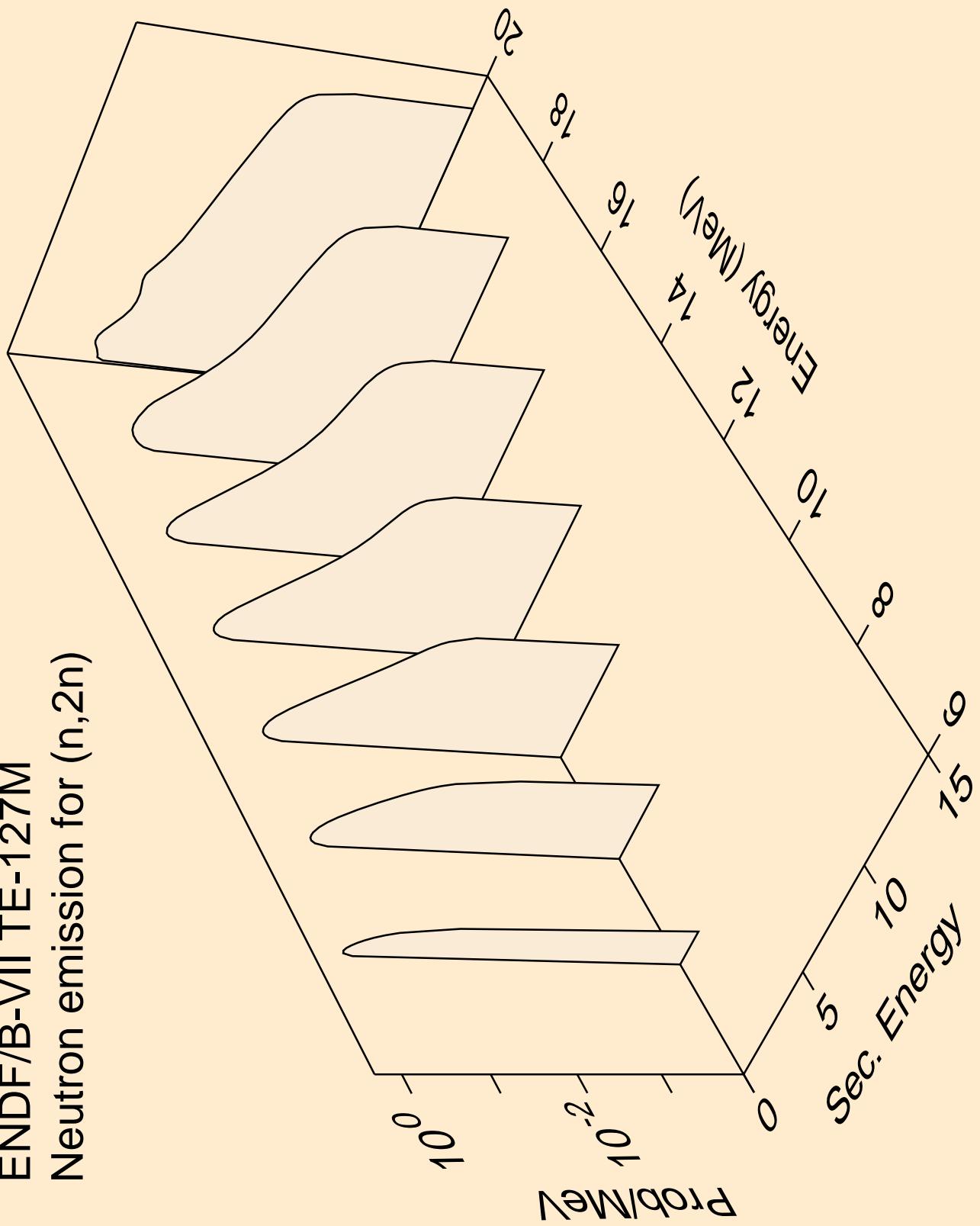
0

ENDF/B-VII TE-127M  
angular distribution for (n,n\*c)



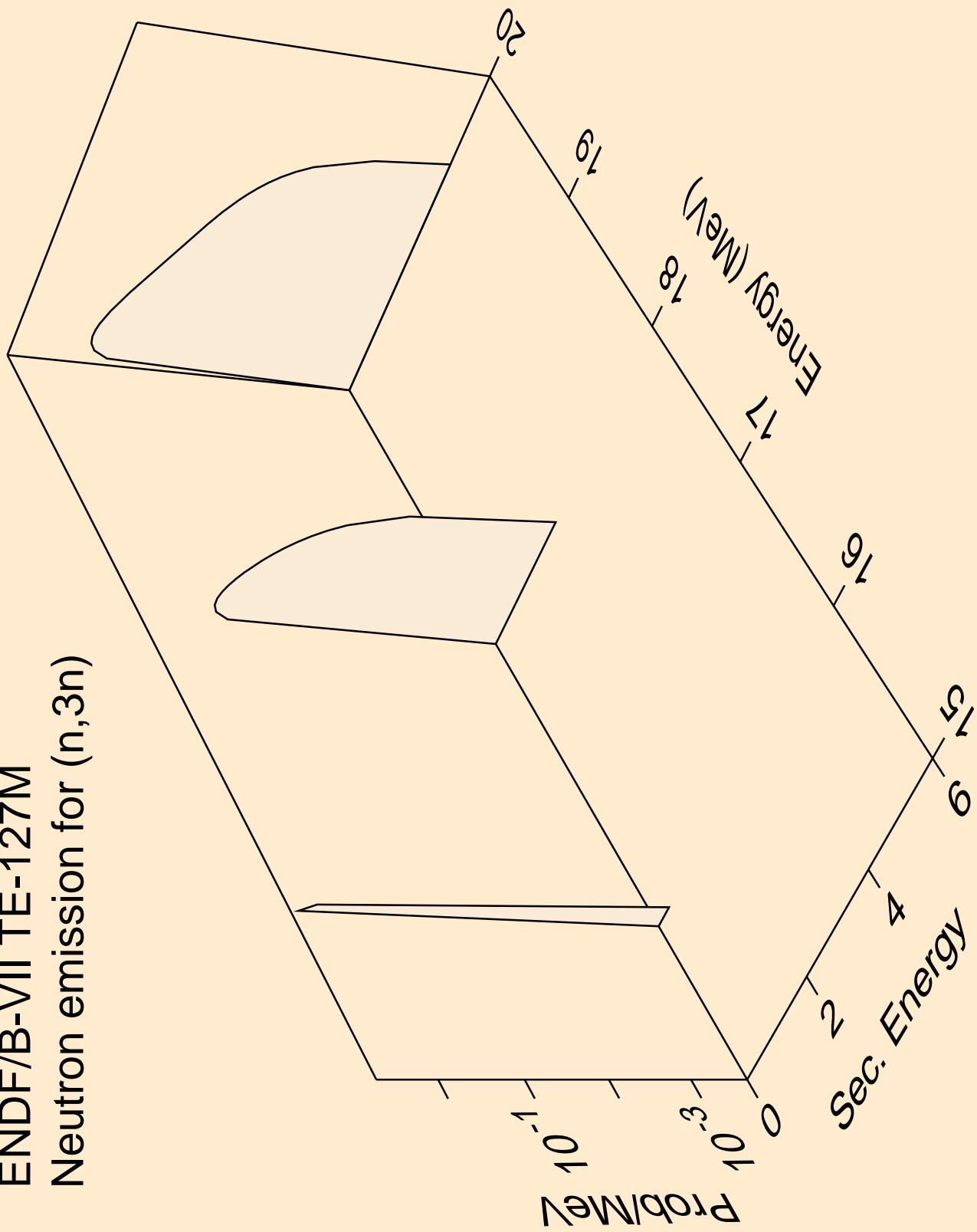
ENDF/B-VII TE-127M

Neutron emission for  $(n,2n)$



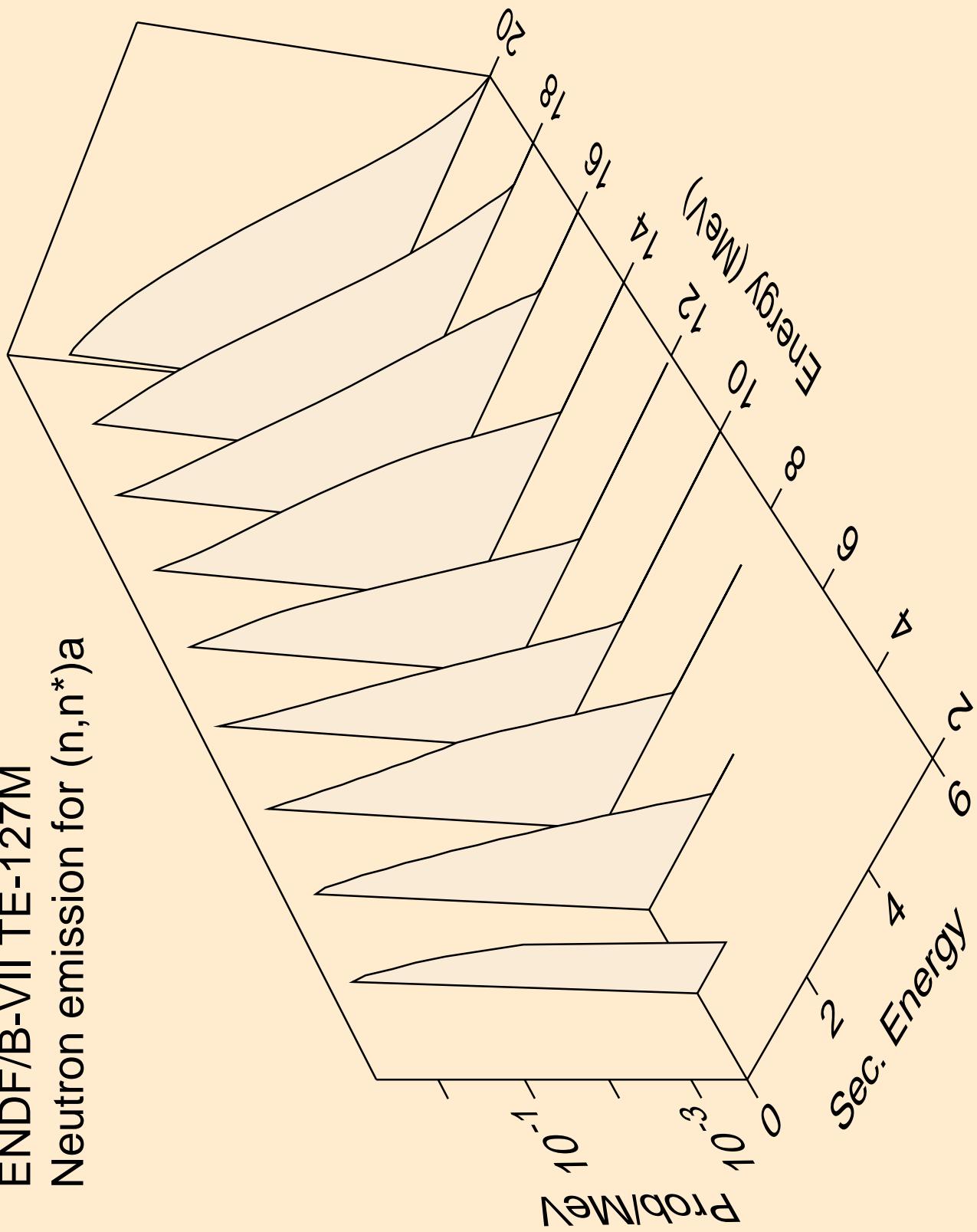
ENDF/B-VII TE-127M

Neutron emission for  $(n, 3n)$



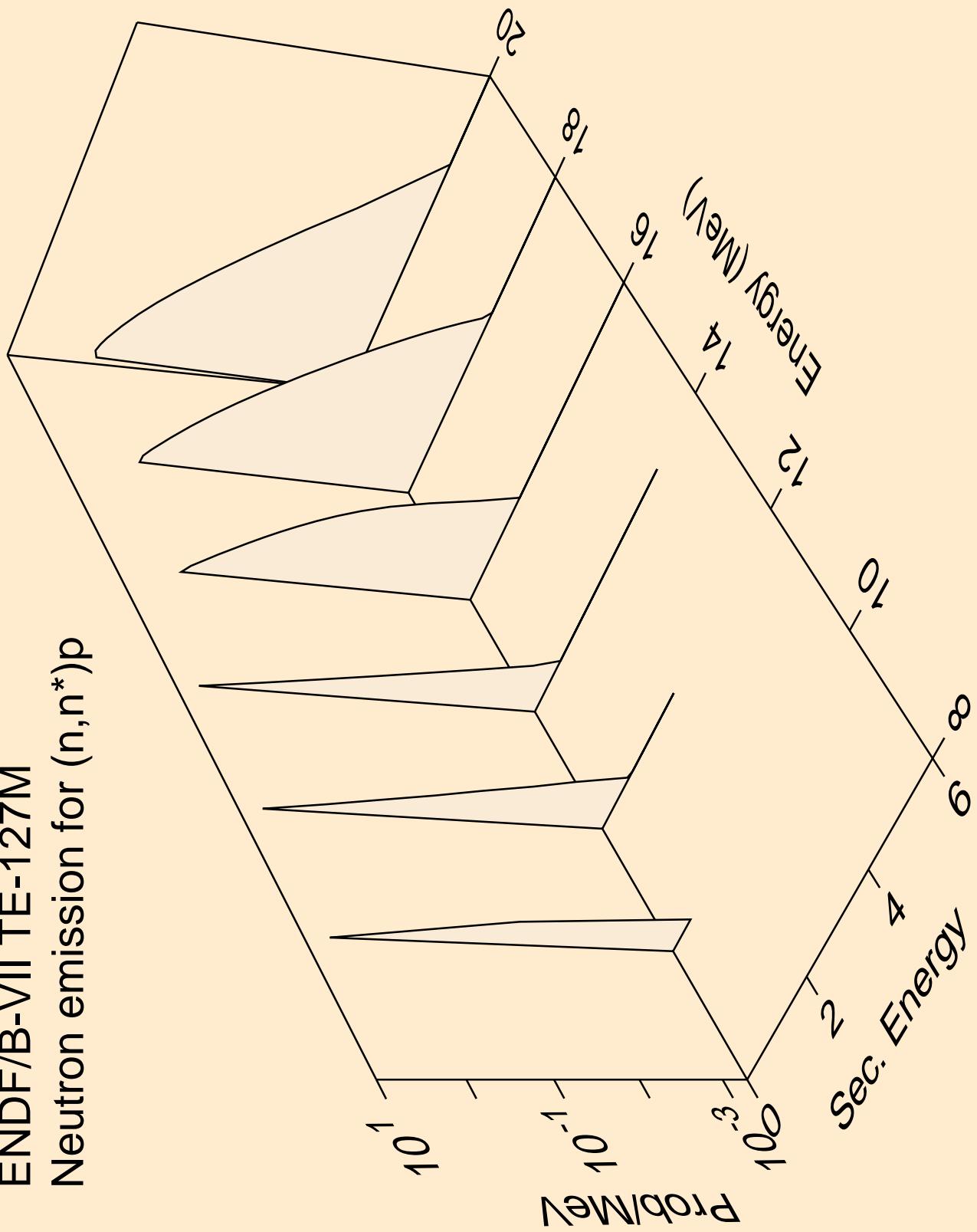
ENDF/B-VII TE-127M

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



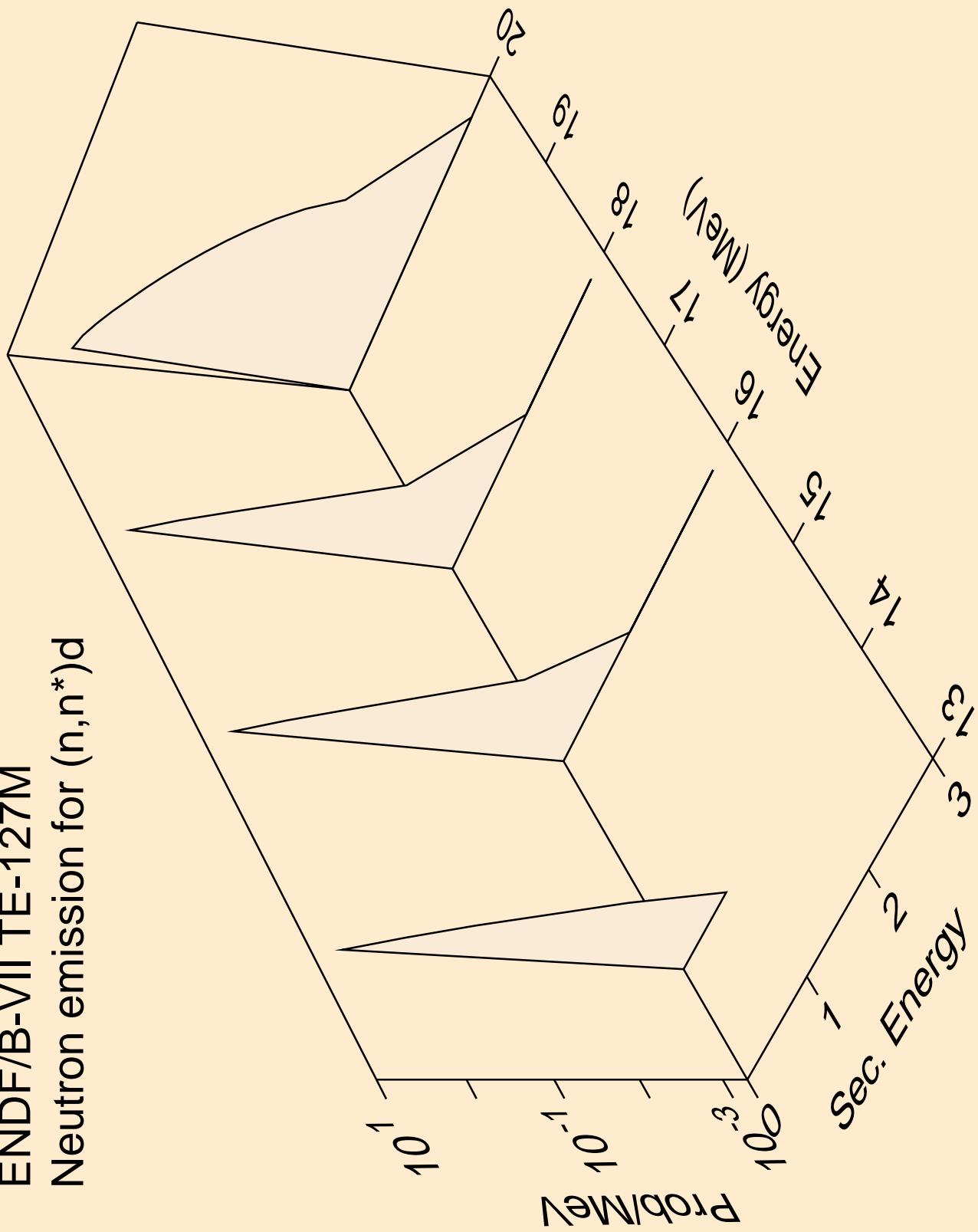
ENDF/B-VII TE-127M

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



ENDF/B-VII TE-127M

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



ENDF/B-VII TE-127M

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

