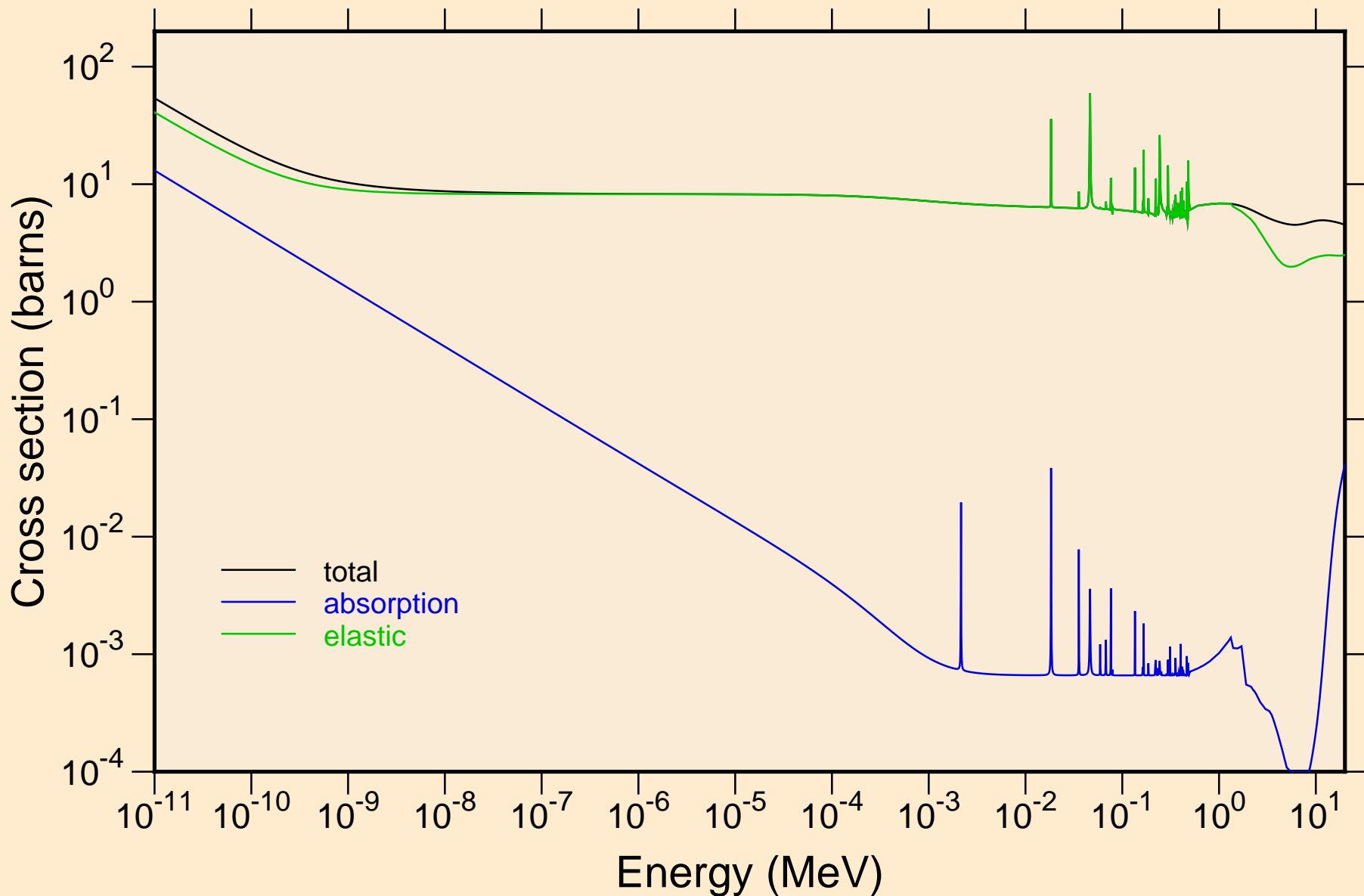
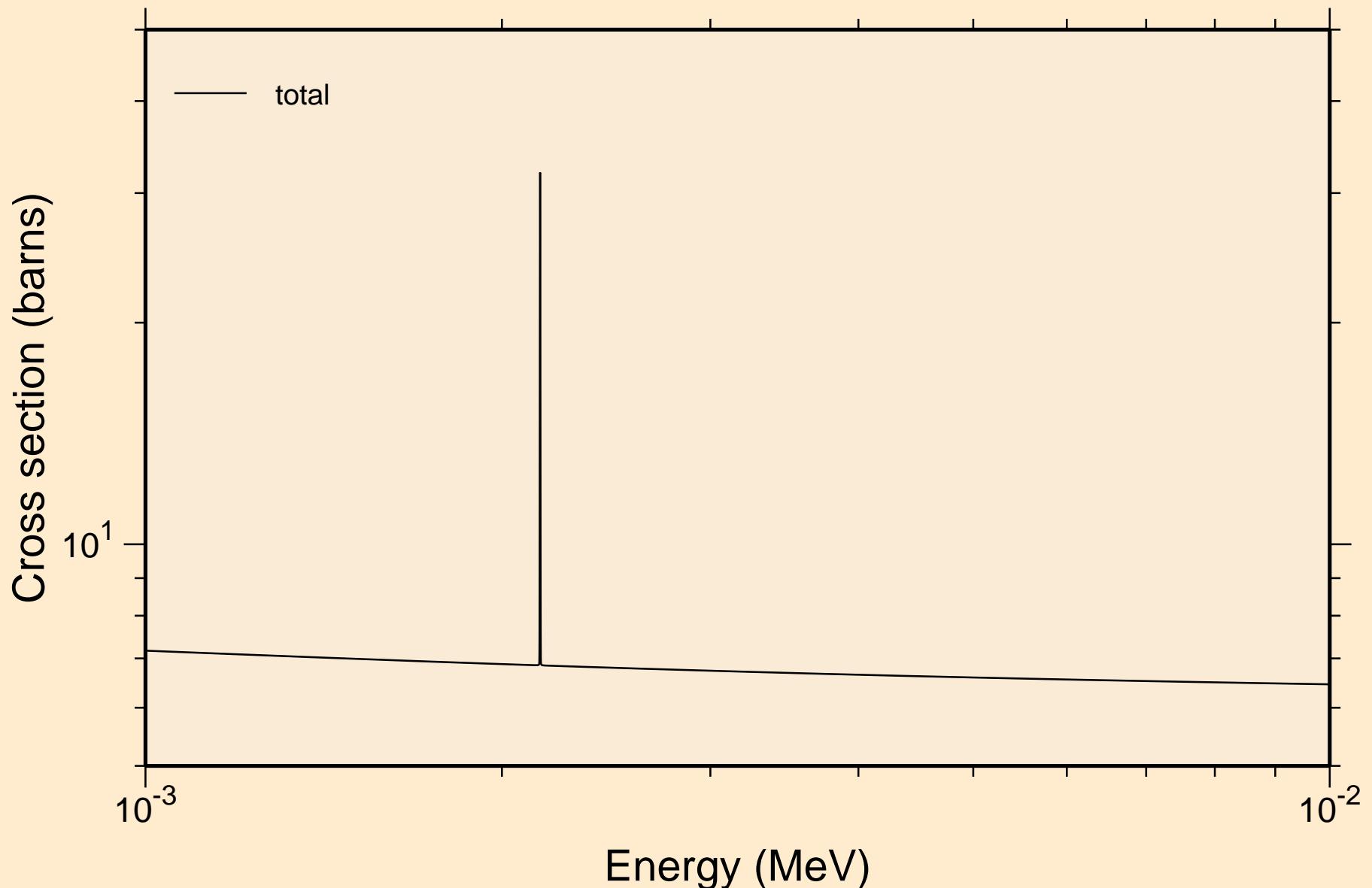


# ENDF/B-VII XE-136

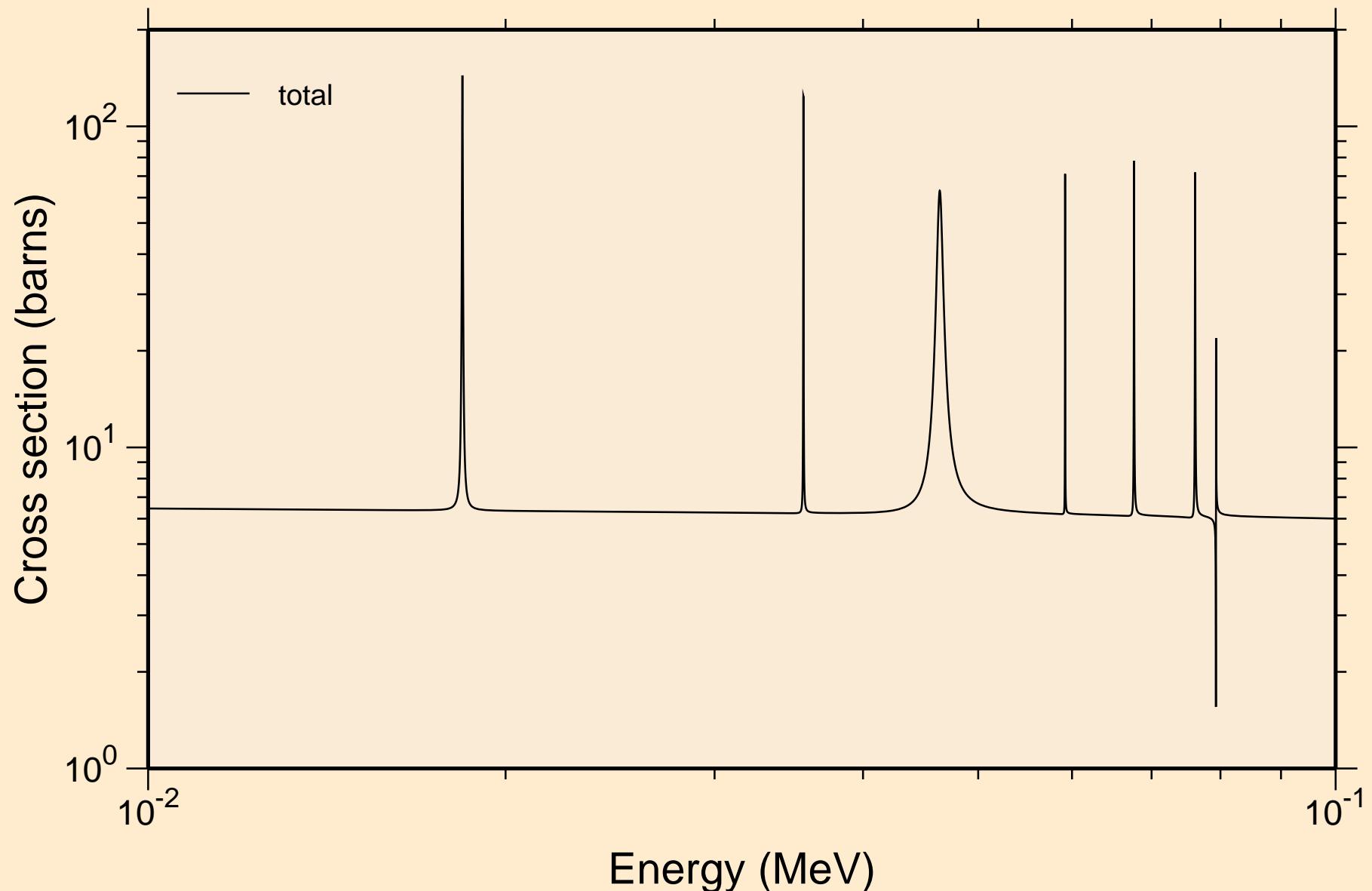
## Principal cross sections



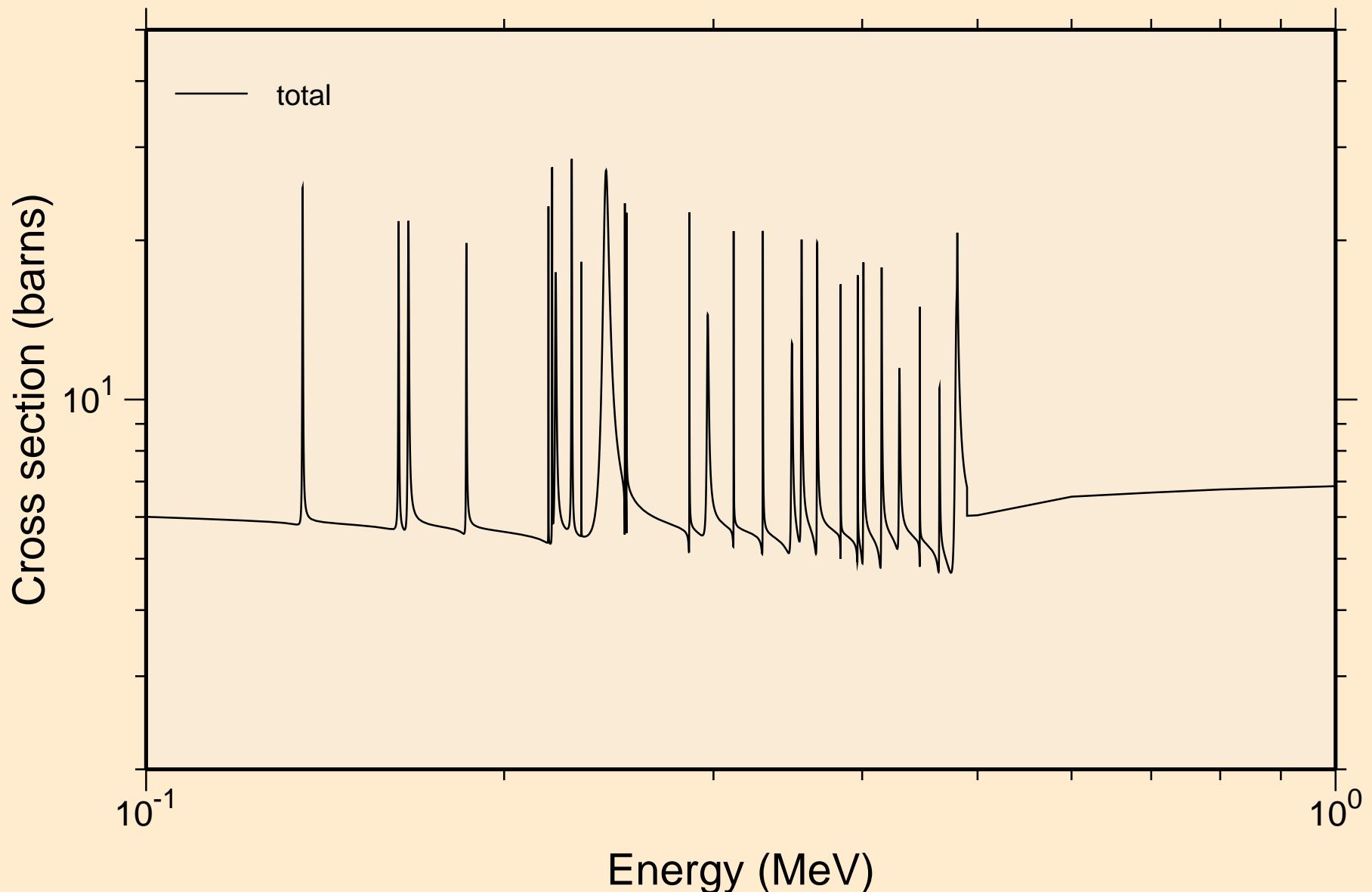
ENDF/B-VII XE-136  
resonance total cross section



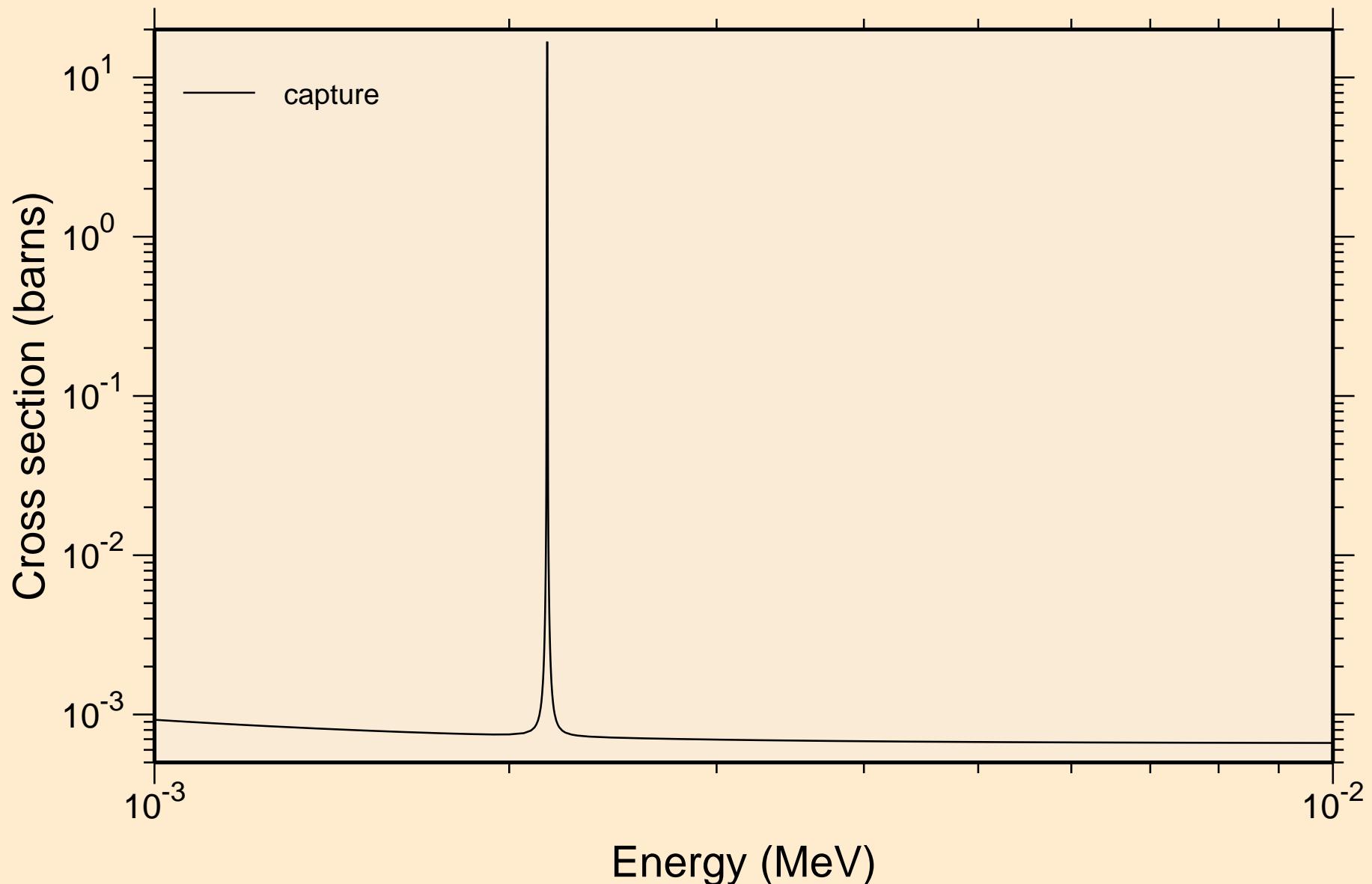
ENDF/B-VII XE-136  
resonance total cross section



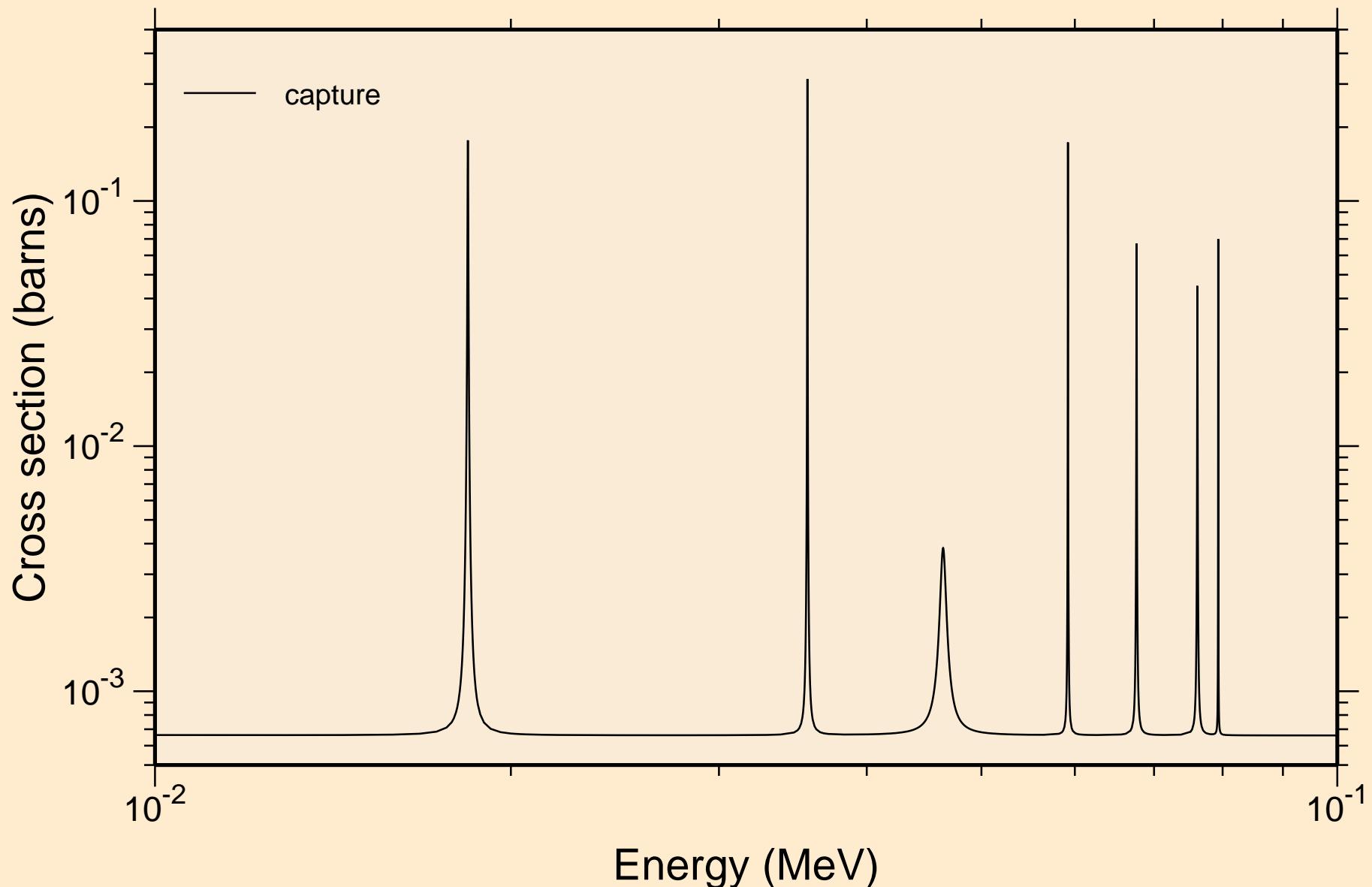
ENDF/B-VII XE-136  
resonance total cross section



# ENDF/B-VII XE-136 resonance absorption cross sections

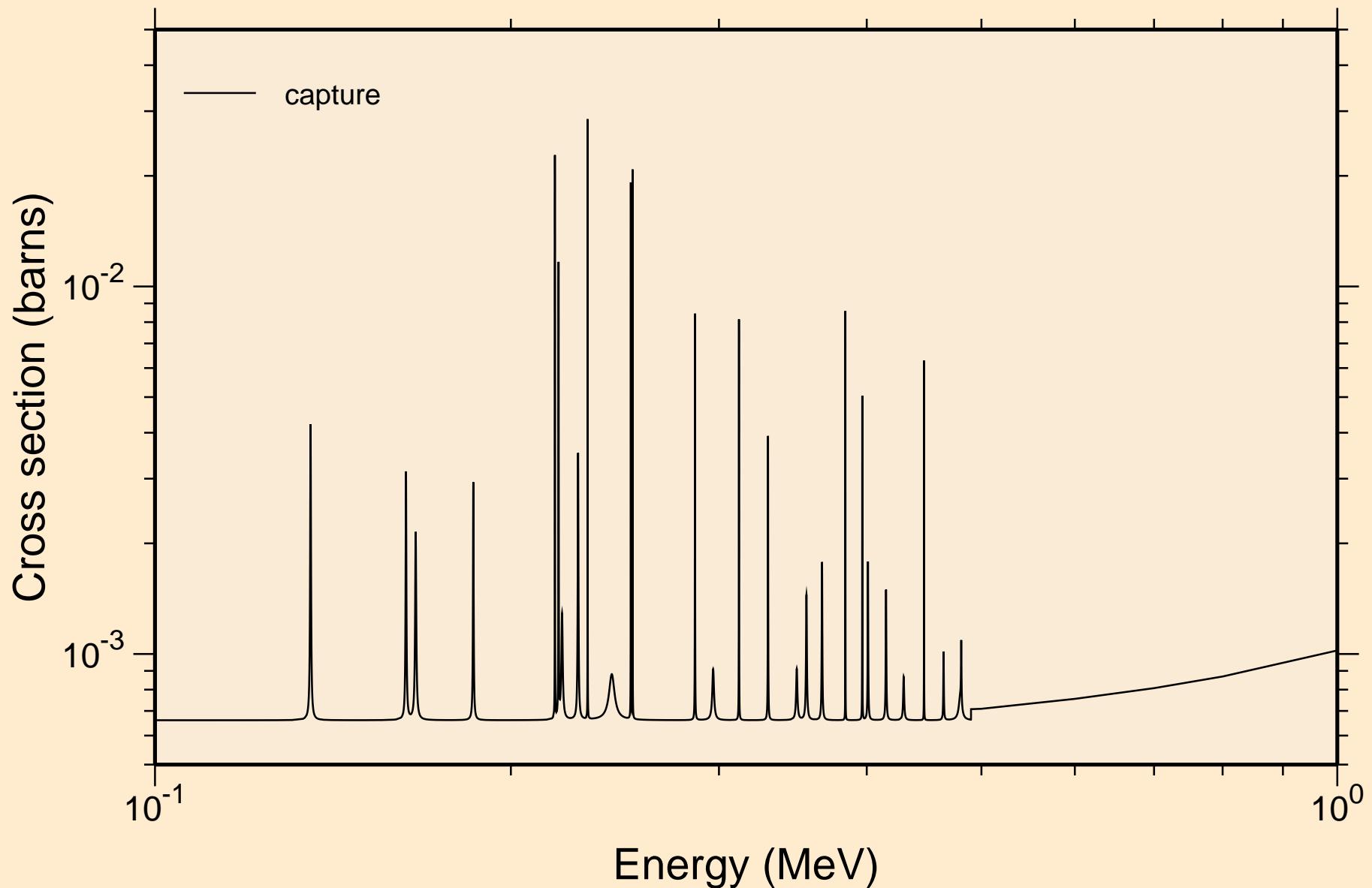


ENDF/B-VII XE-136  
resonance absorption cross sections

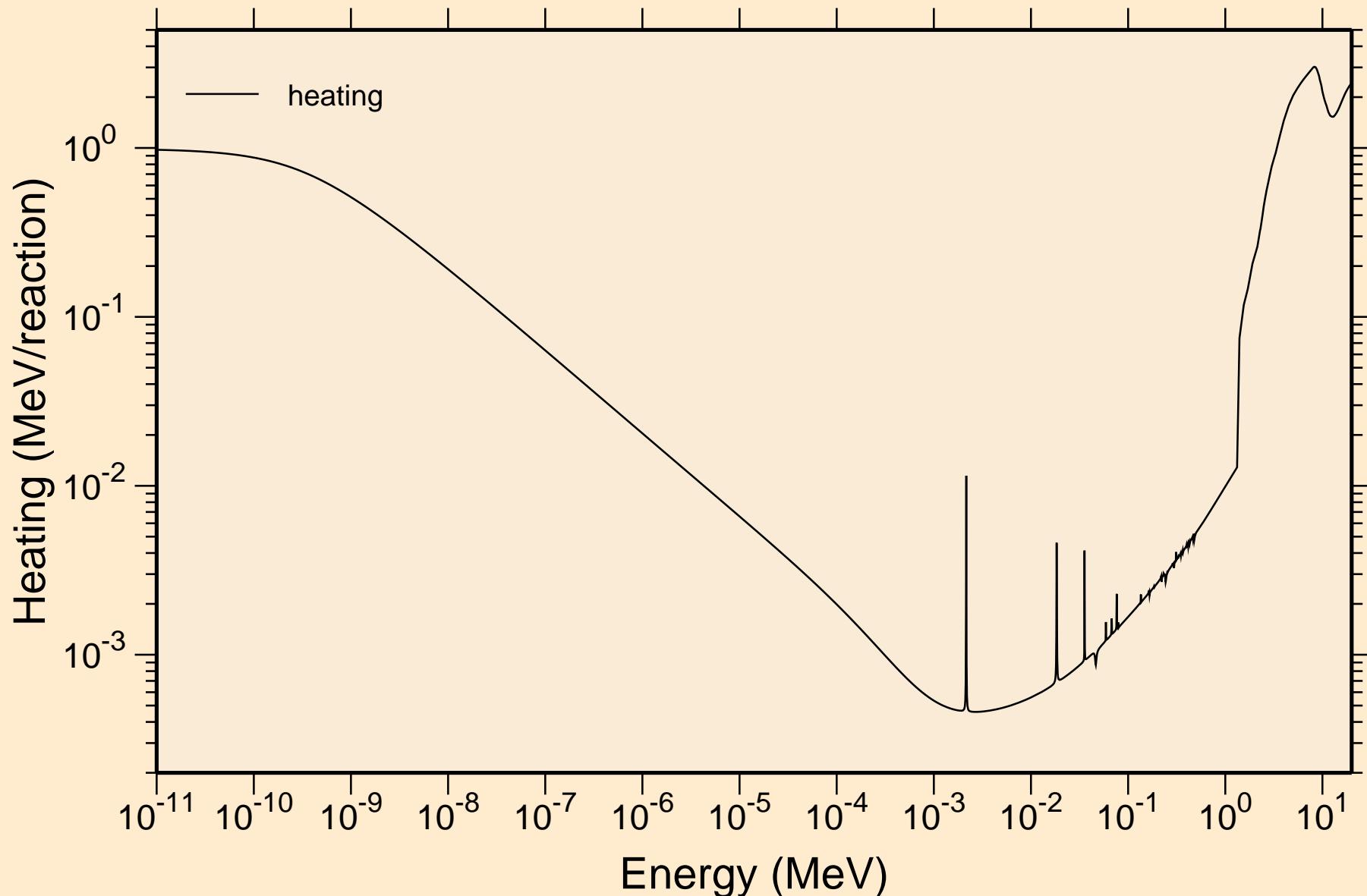


# ENDF/B-VII XE-136

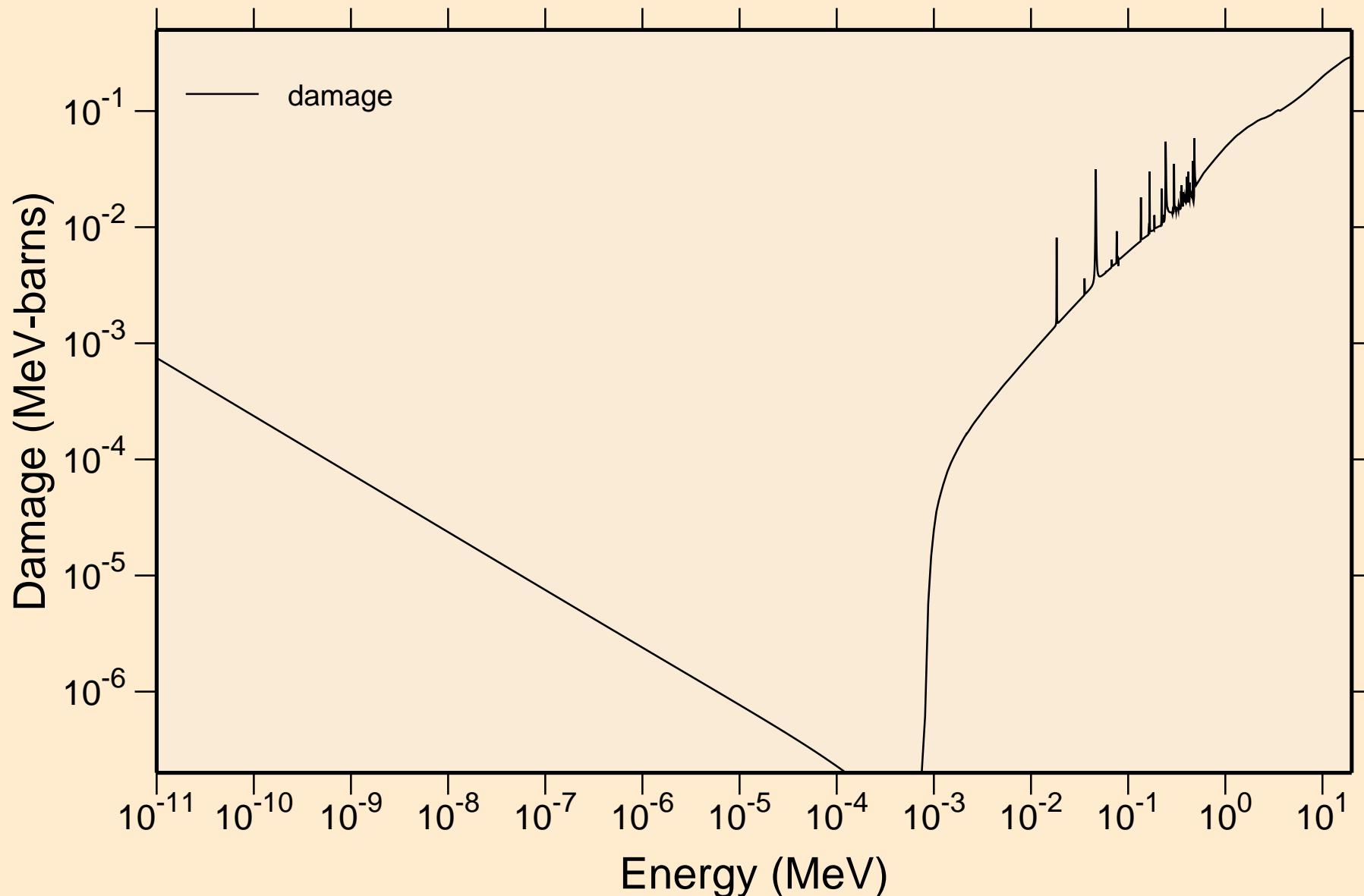
## resonance absorption cross sections



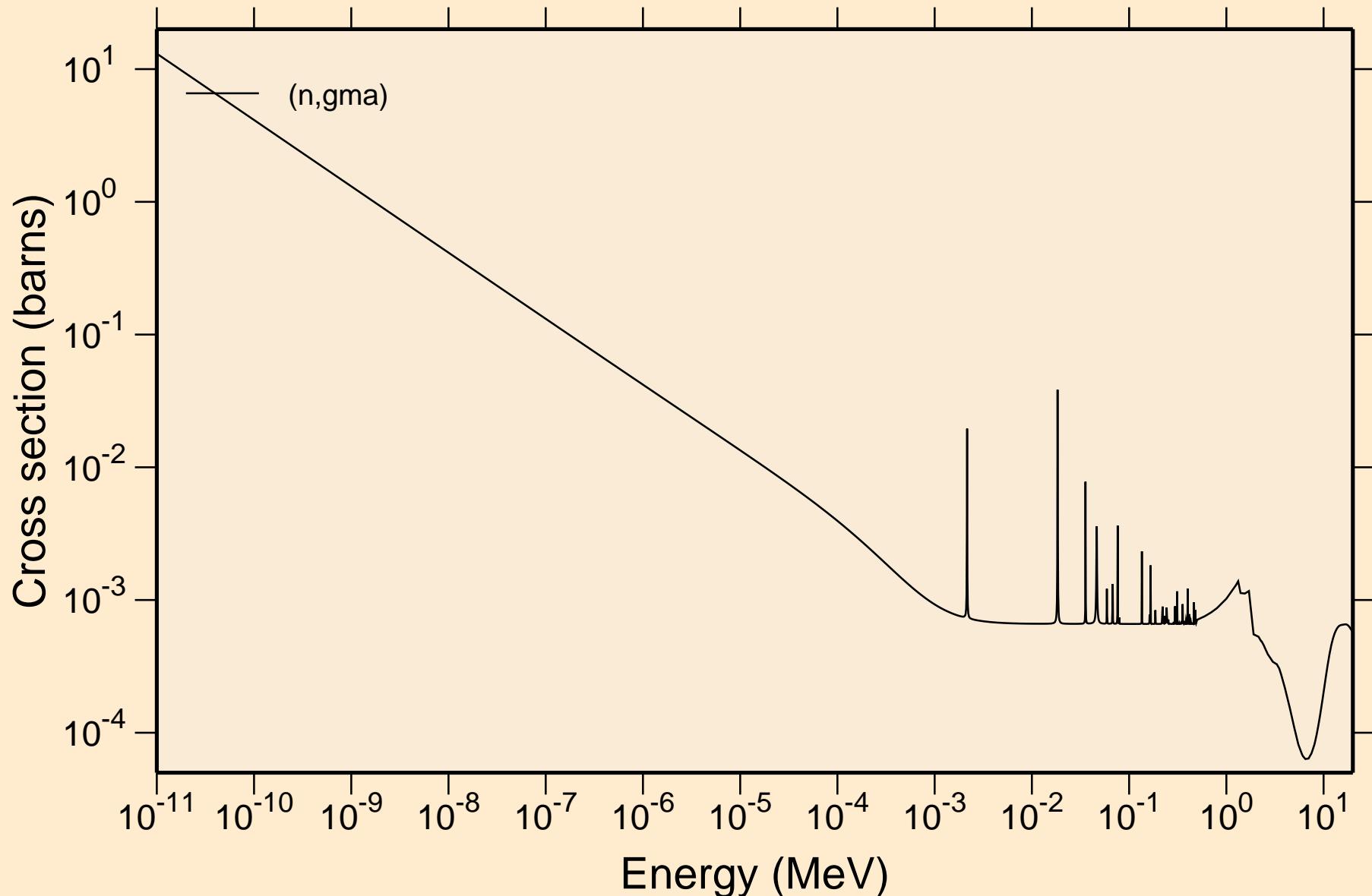
ENDF/B-VII XE-136  
Heating



ENDF/B-VII XE-136  
Damage

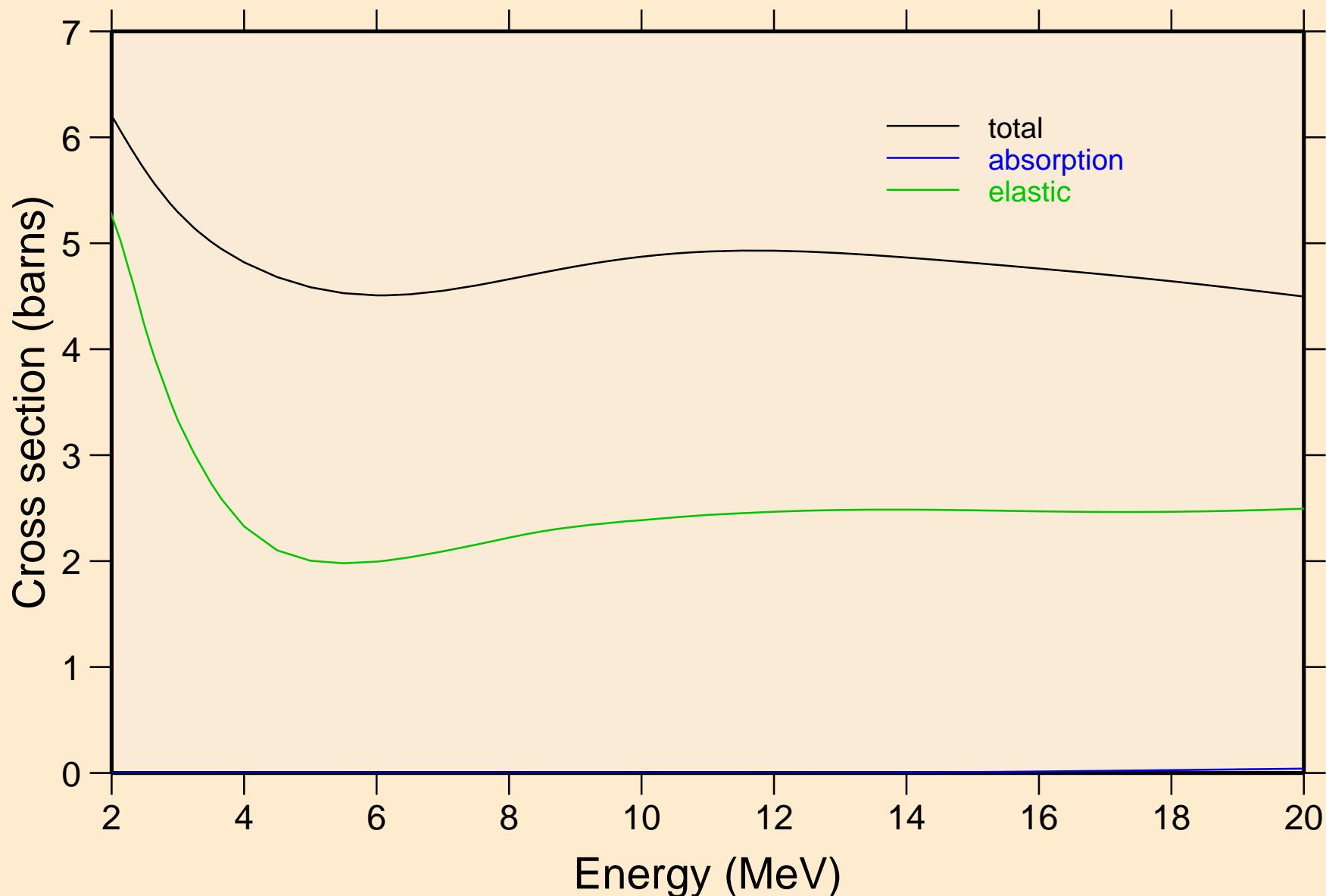


ENDF/B-VII XE-136  
Non-threshold reactions

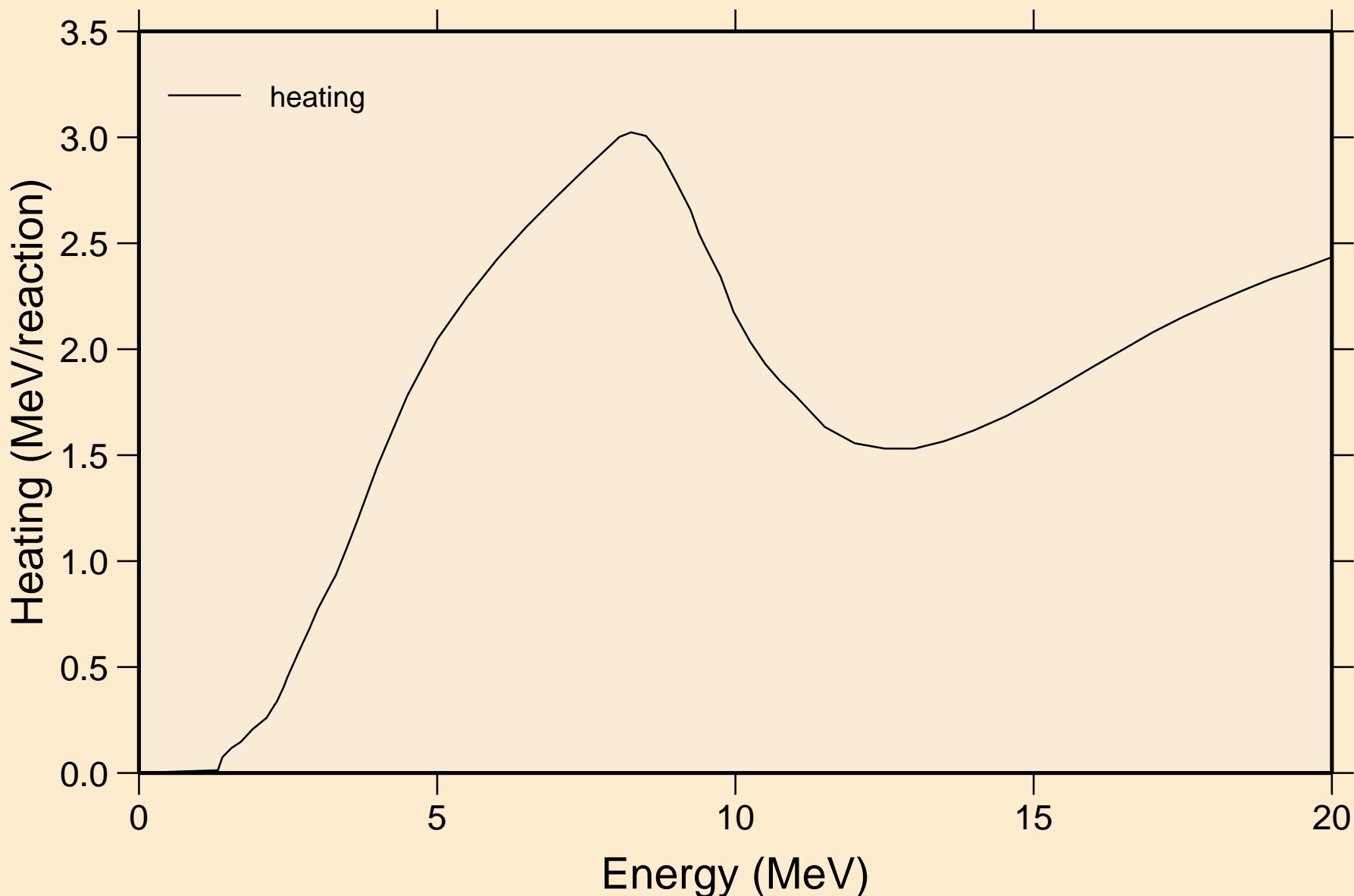


# ENDF/B-VII XE-136

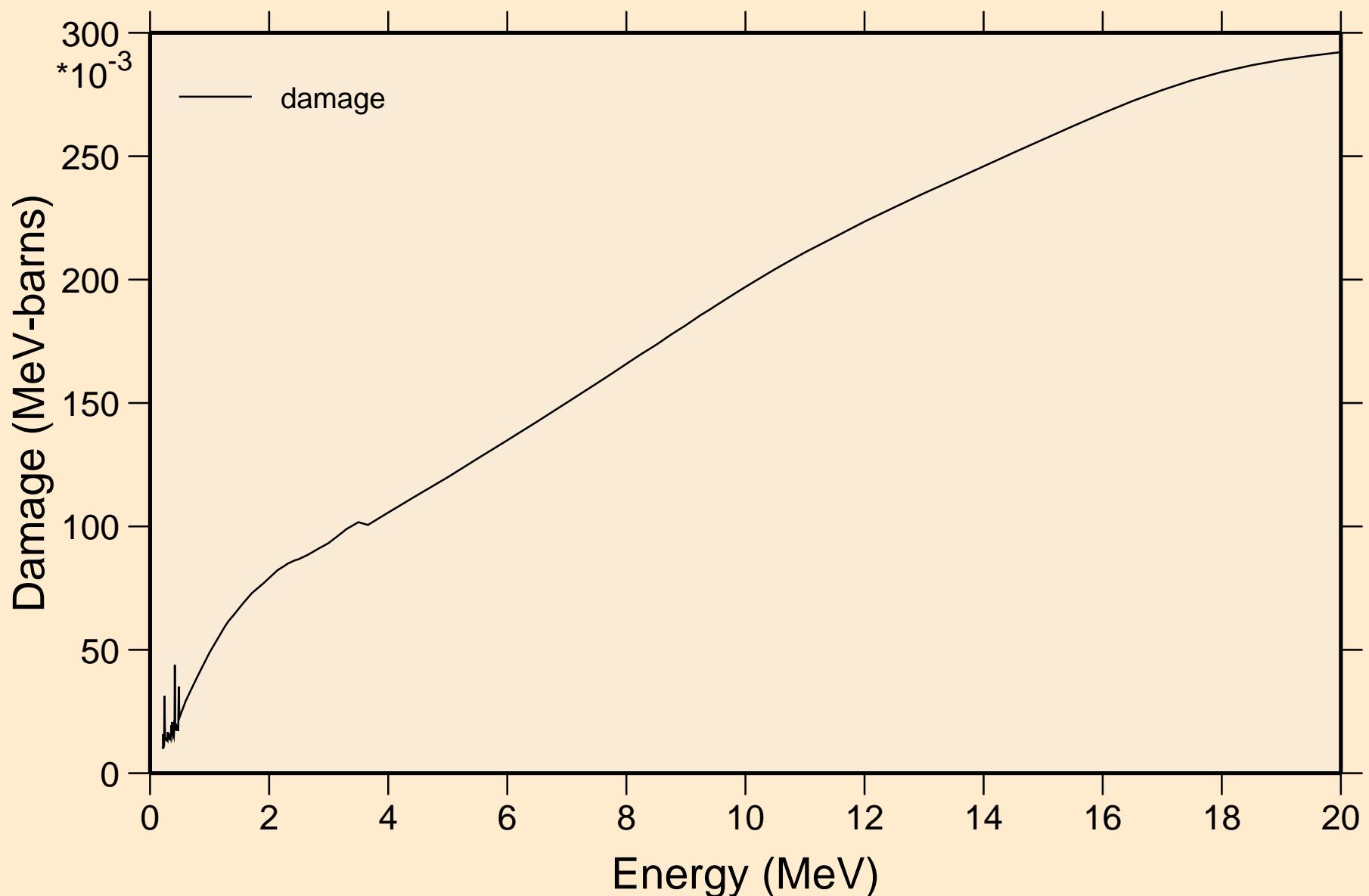
## Principal cross sections



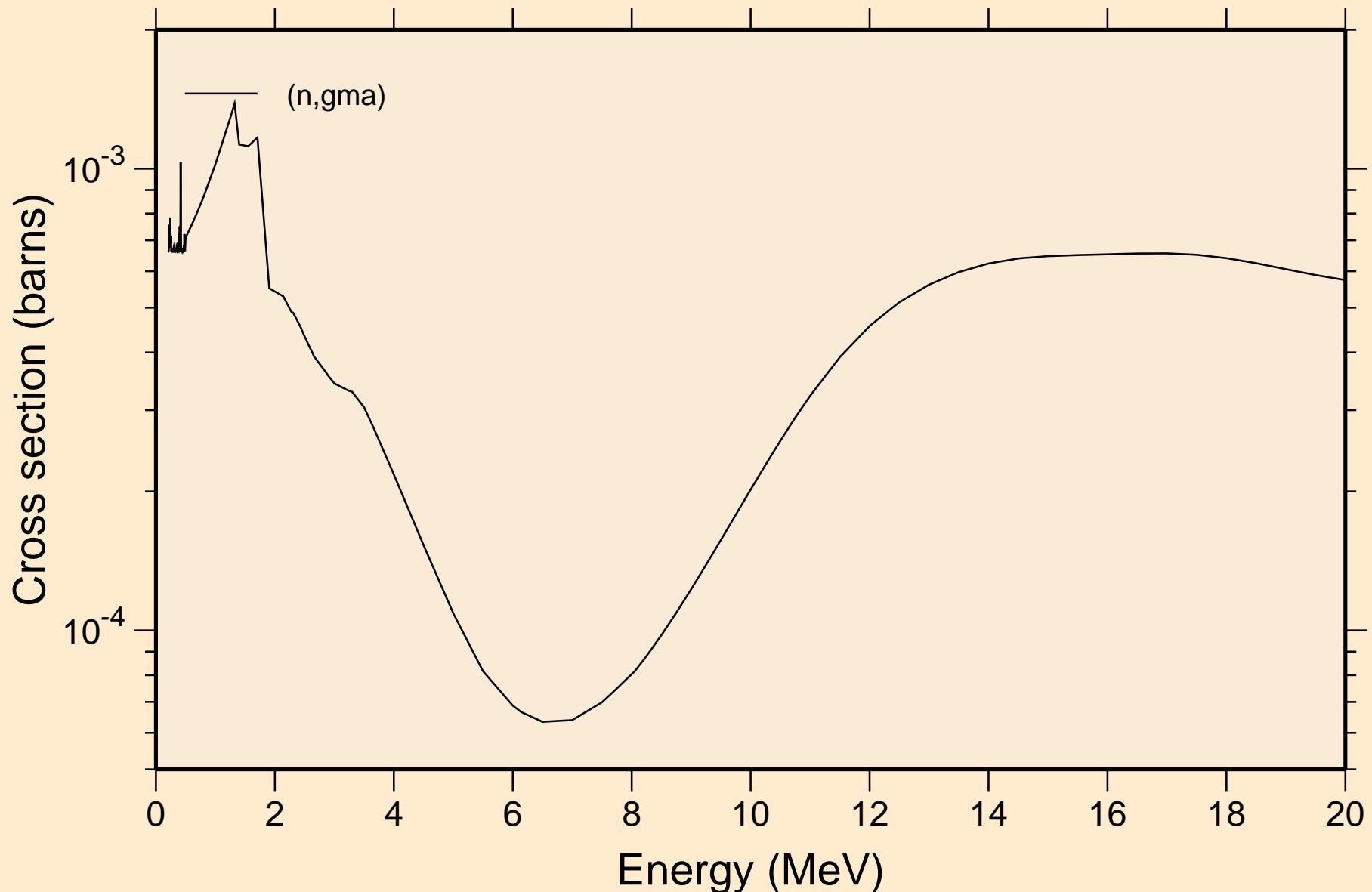
ENDF/B-VII XE-136  
Heating



ENDF/B-VII XE-136  
Damage

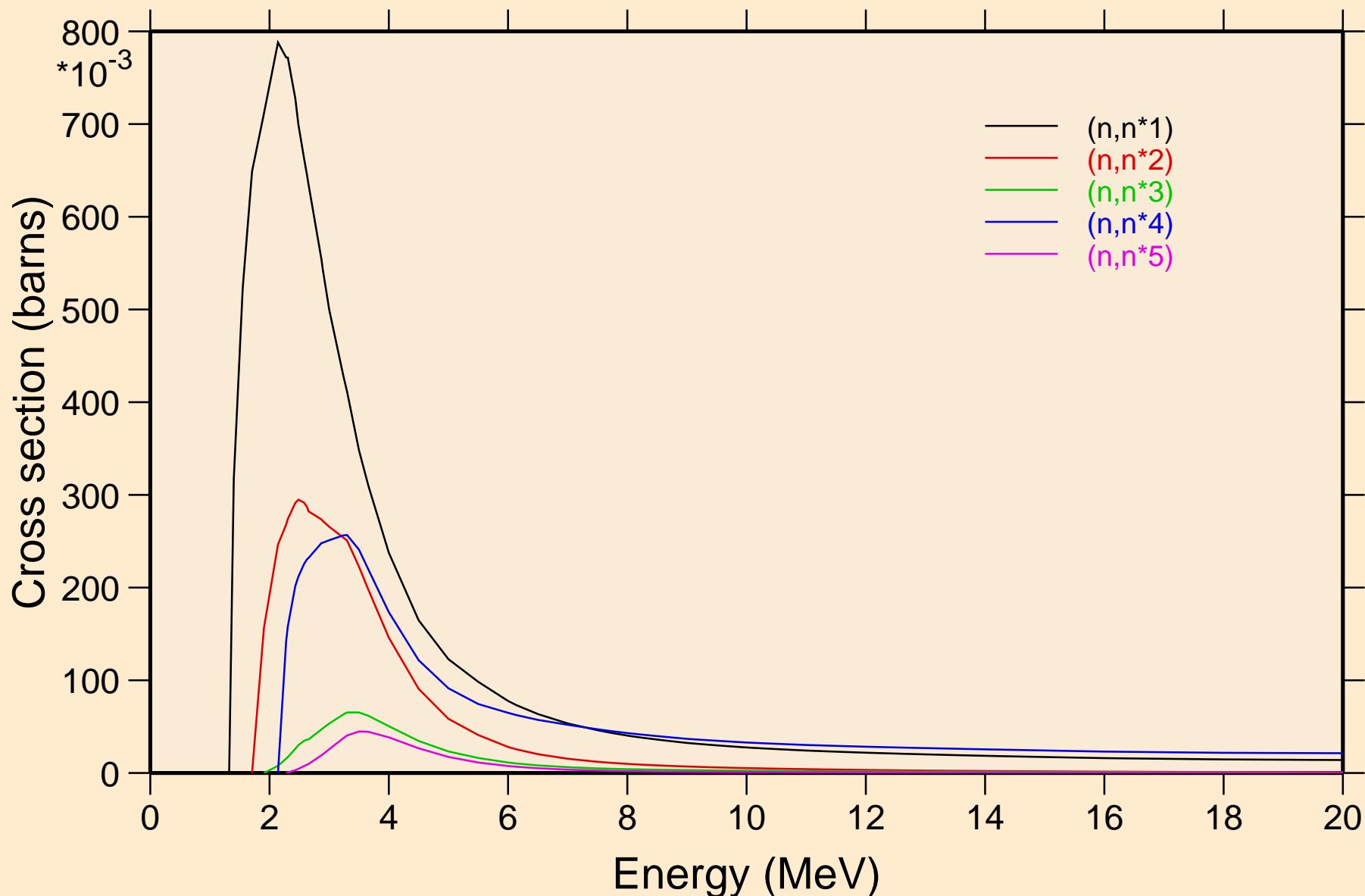


ENDF/B-VII XE-136  
Non-threshold reactions



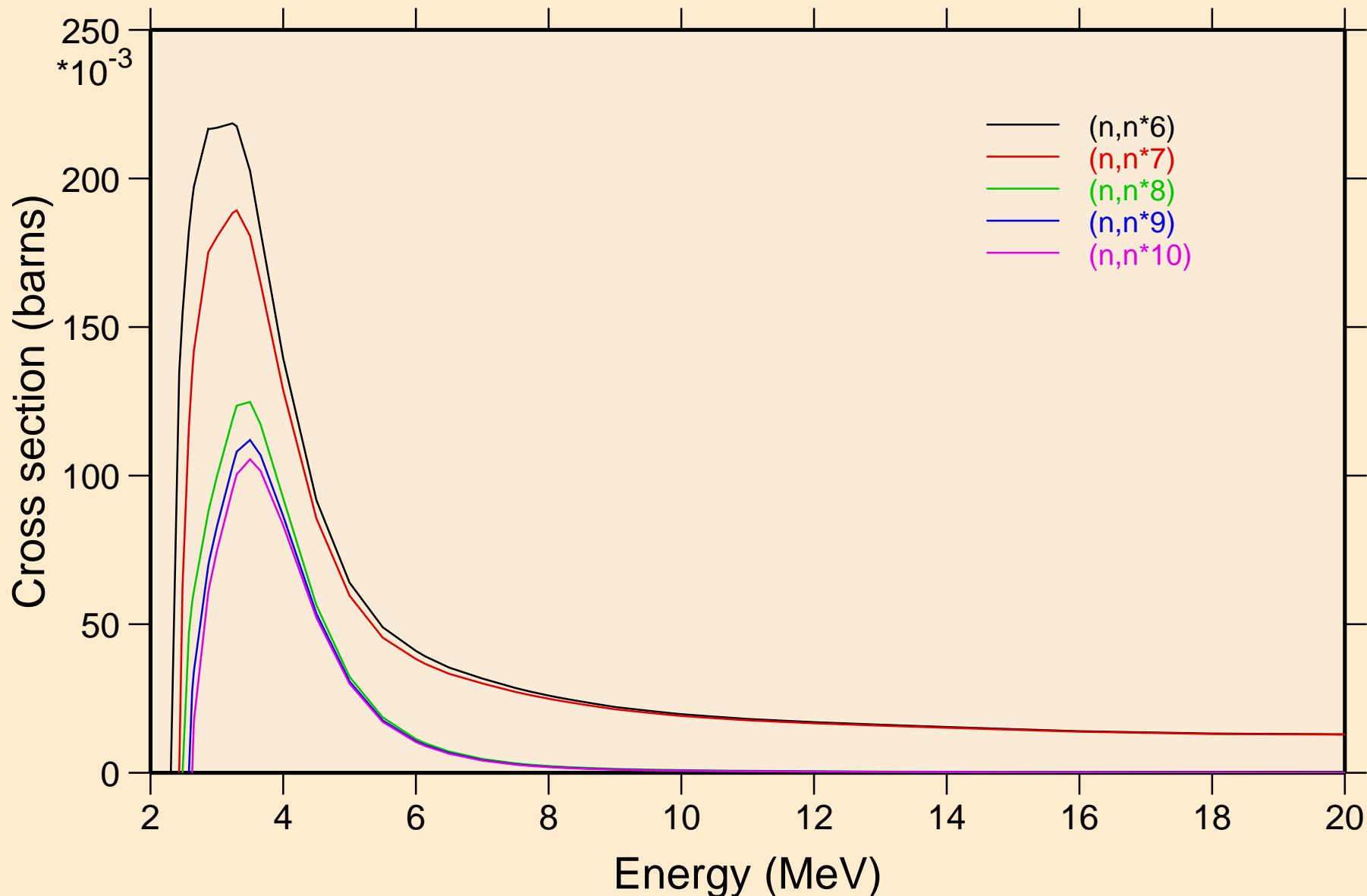
# ENDF/B-VII XE-136

## Inelastic levels



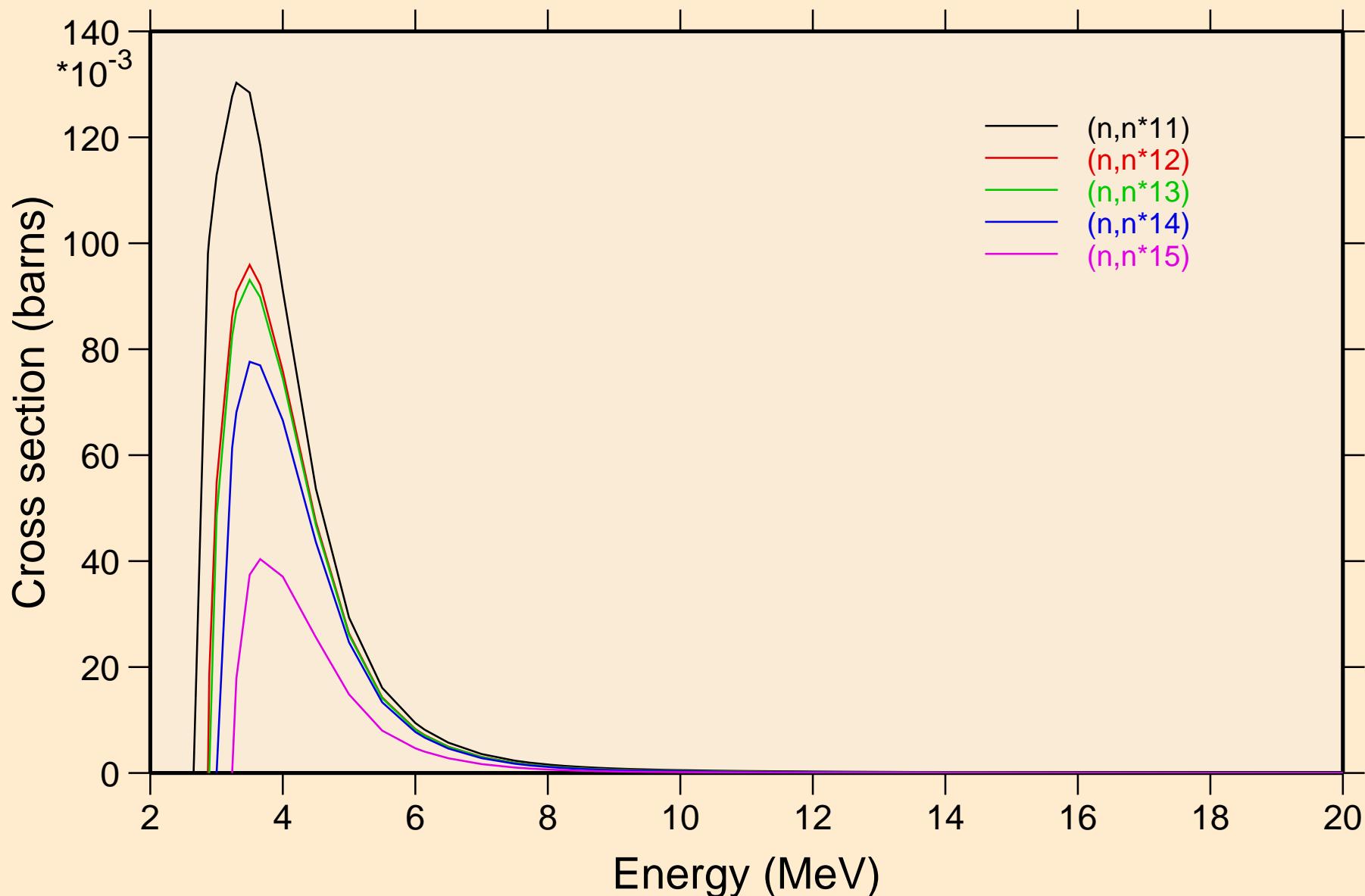
# ENDF/B-VII XE-136

## Inelastic levels

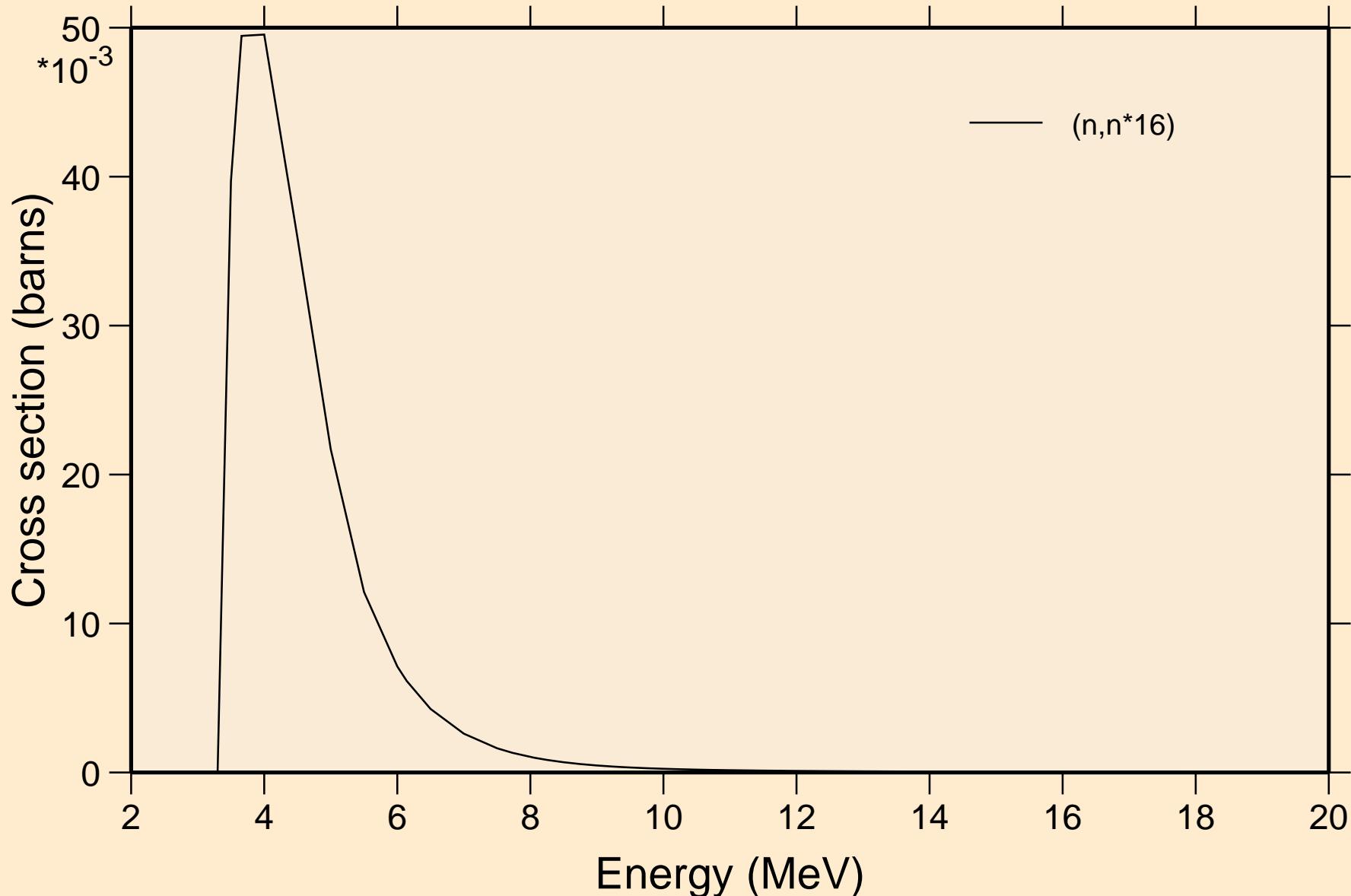


# ENDF/B-VII XE-136

## Inelastic levels

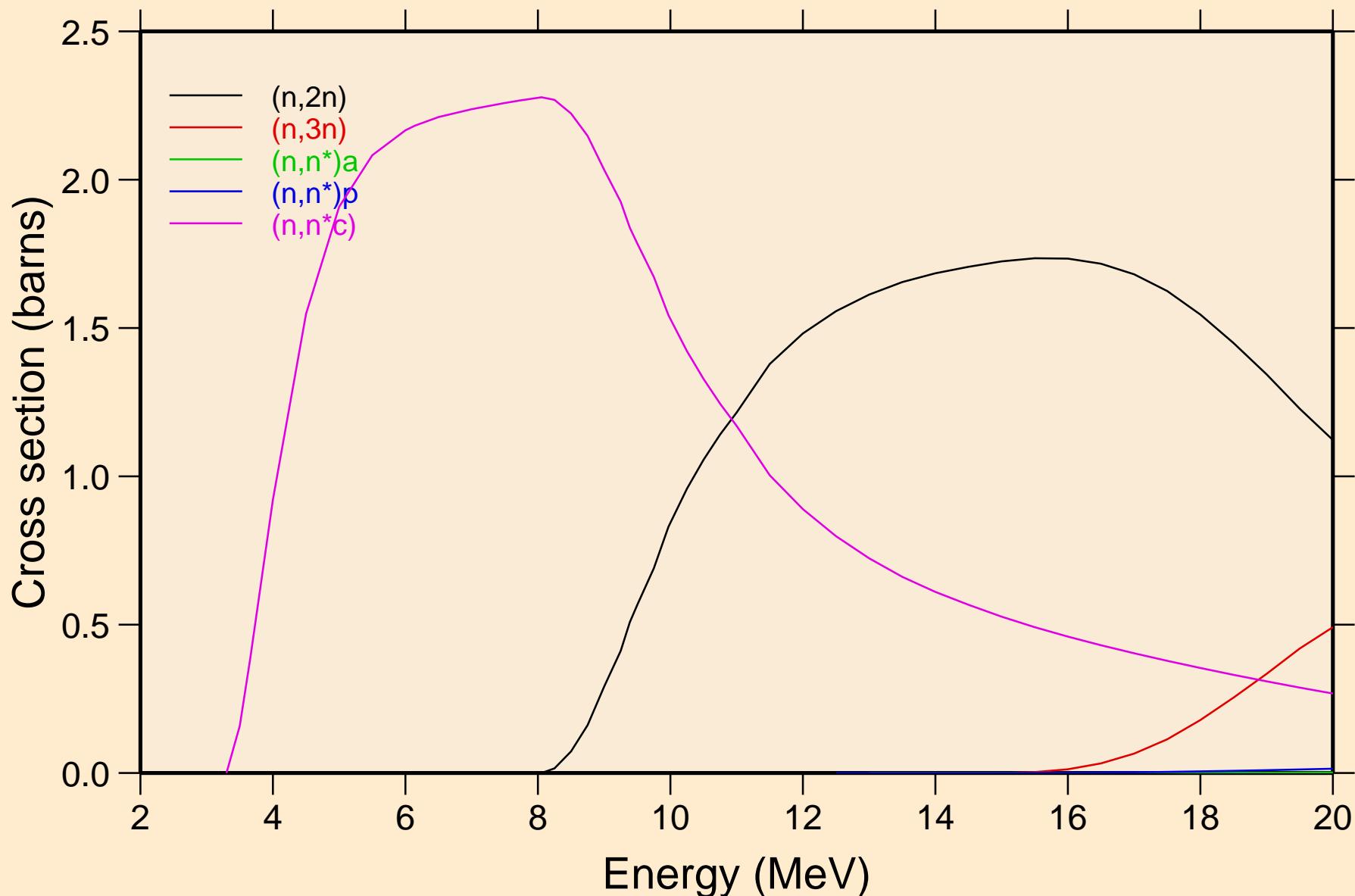


ENDF/B-VII XE-136  
Inelastic levels



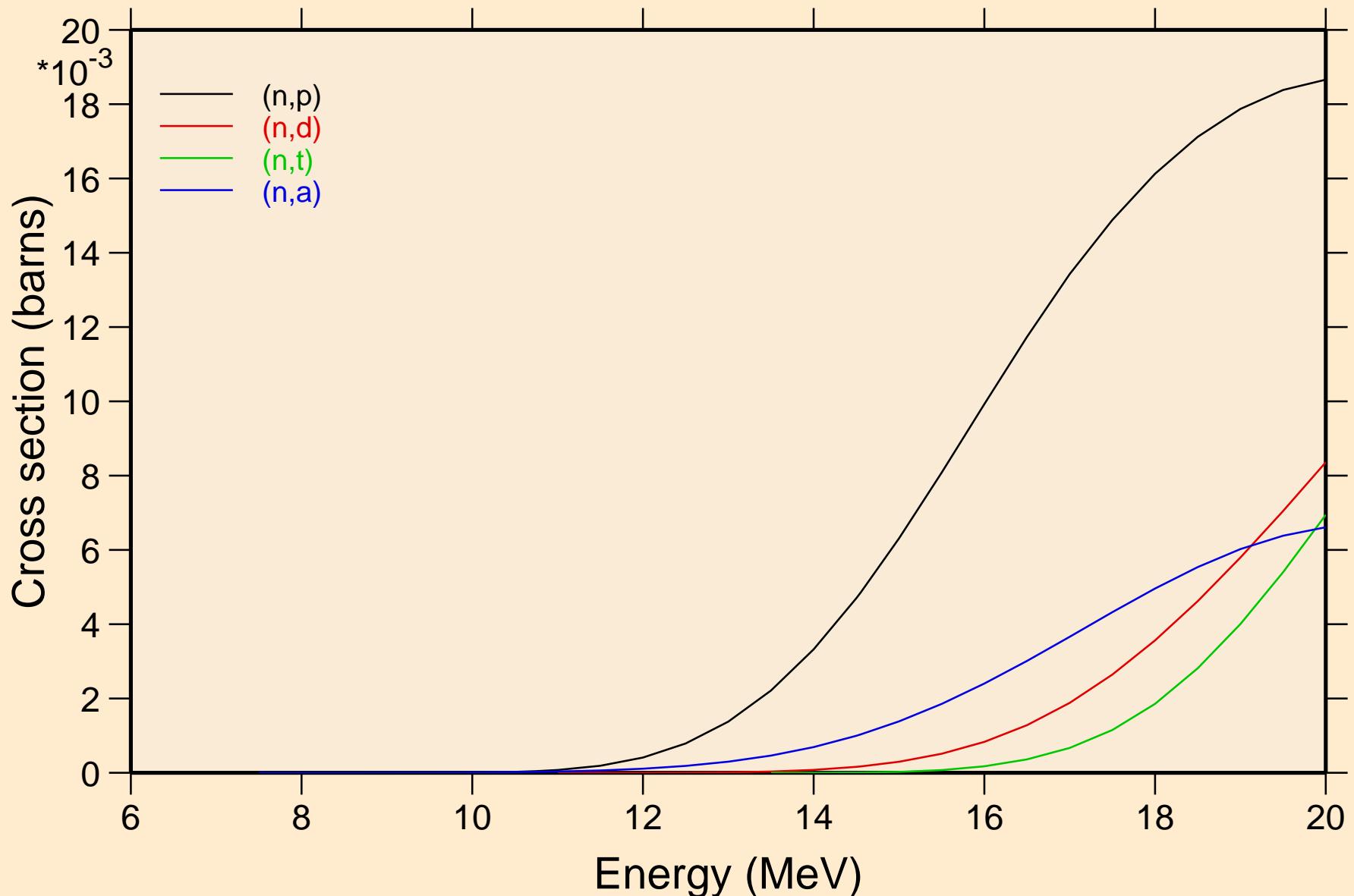
# ENDF/B-VII XE-136

## Threshold reactions



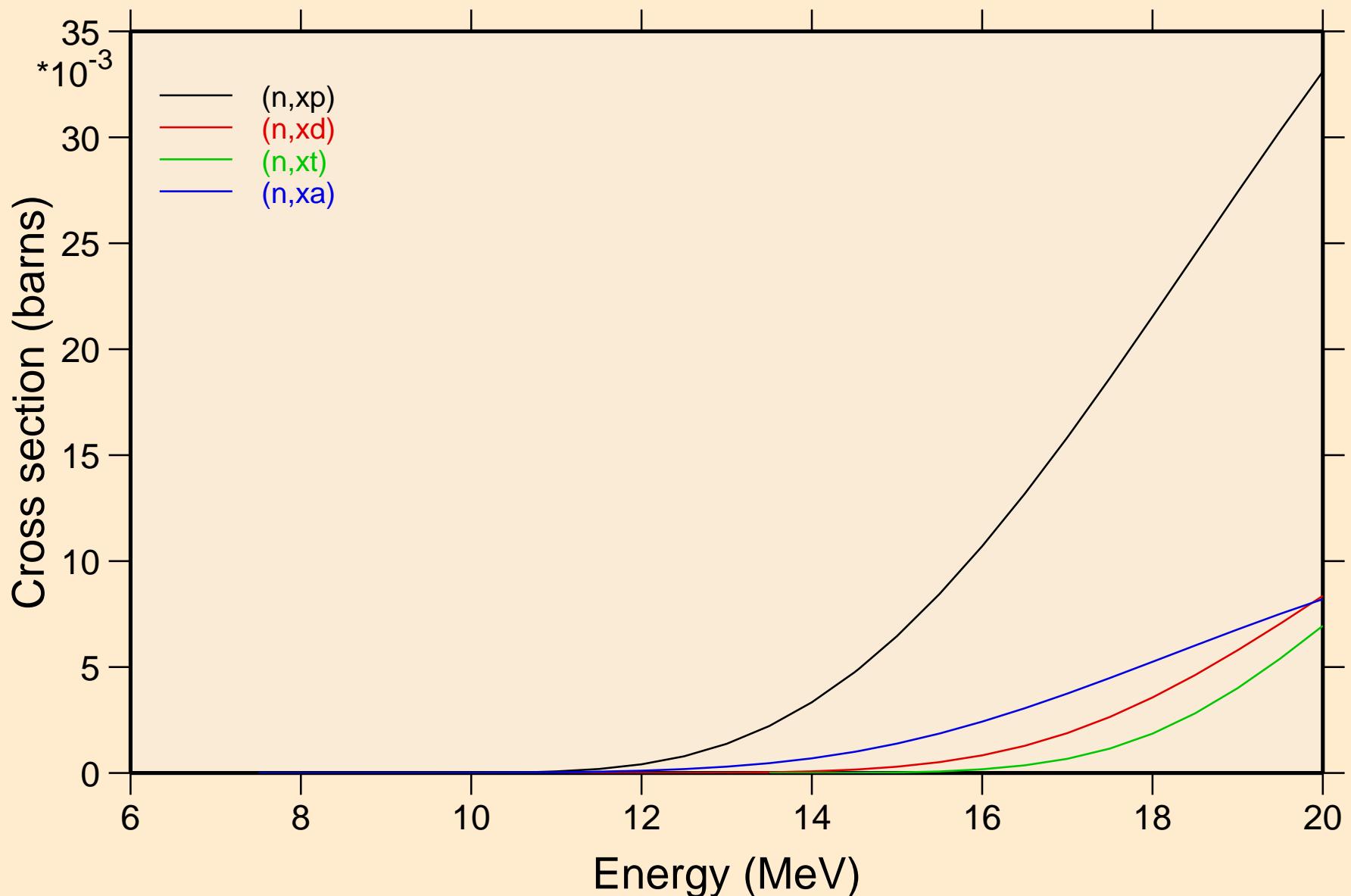
# ENDF/B-VII XE-136

## Threshold reactions

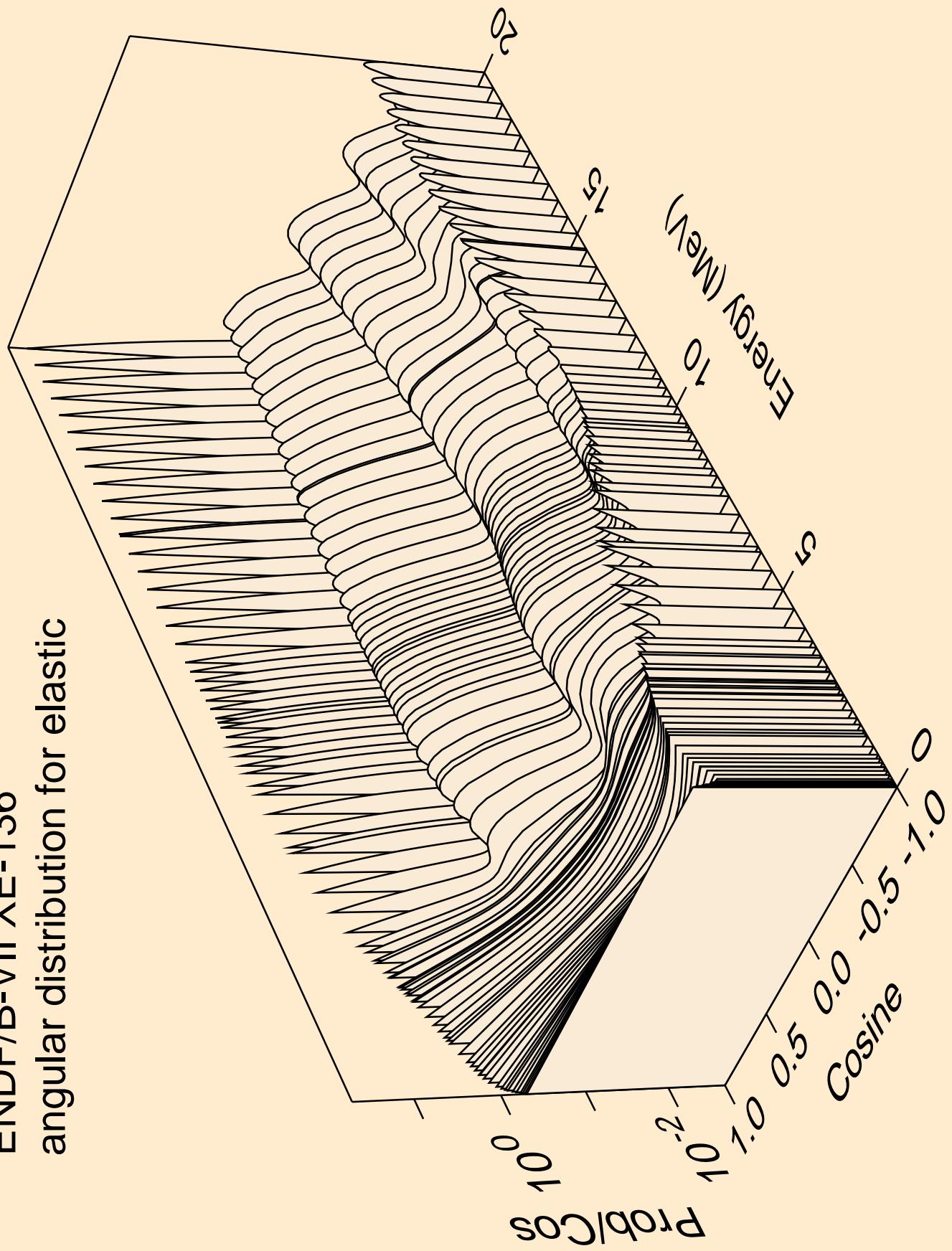


# ENDF/B-VII XE-136

## Threshold reactions



ENDF/B-VII XE-136  
angular distribution for elastic



ENDF/B-VII XE-136

angular distribution for (n,2n)

$10^0$

Prob/Cos

1.0  
0.5  
0.0  
-0.5  
-1.0  
Cosine

Energy (MeV)

20

18

16

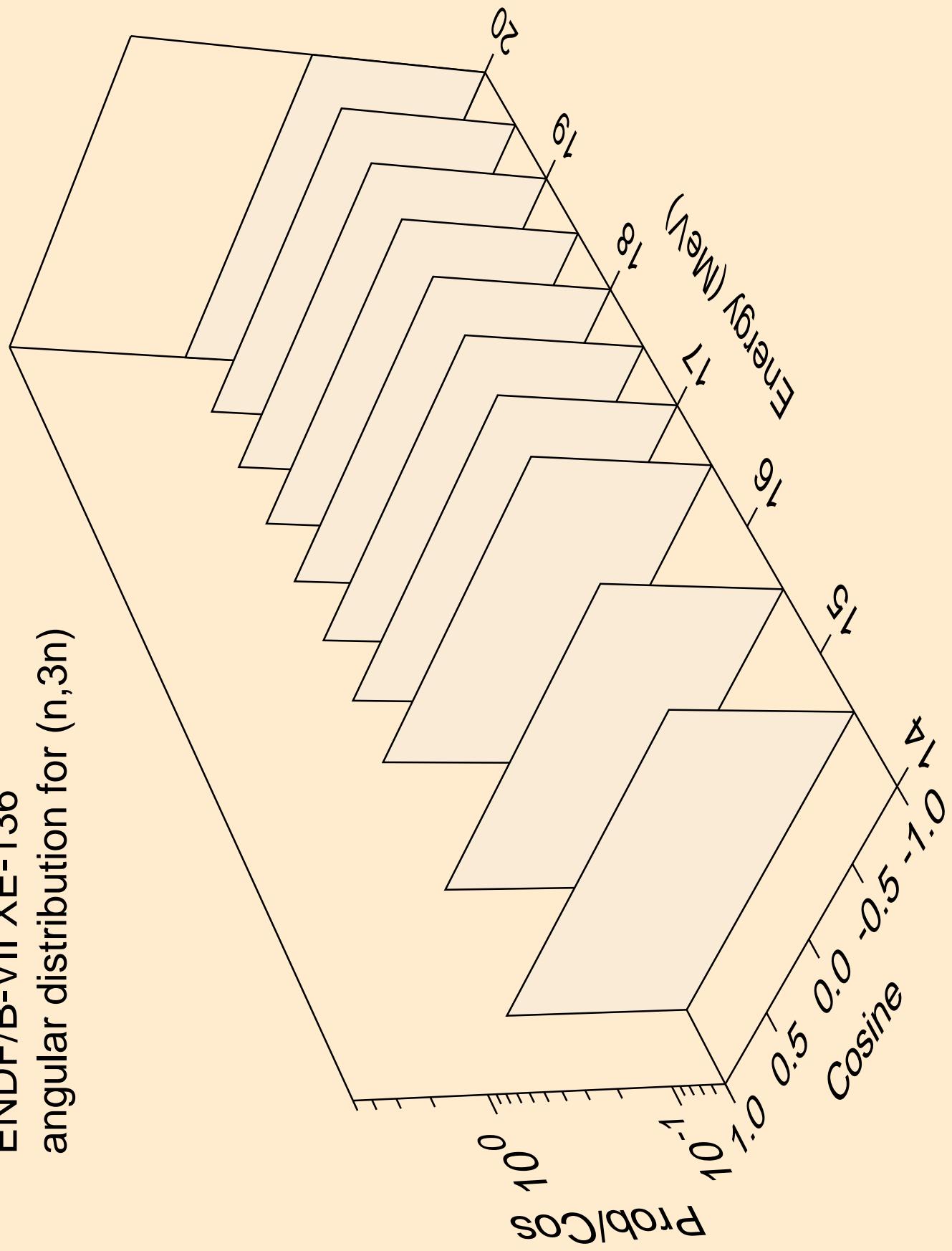
14

12

10

8

ENDF/B-VII XE-136  
angular distribution for (n,3n)



ENDF/B-VII XE-136

angular distribution for  $(n,n^*)\alpha$

$10^0$

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

Cosine  
-0.5 -1.0

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

10

8

6

4

2

0

ENDF/B-VII XE-136

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

$10^0$

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

Cosine  
-0.5 -1.0

$\phi_0$

$\phi_1$

$\phi_2$

$\phi_3$

$\phi_4$

$\phi_5$

$\phi_6$

$\phi_7$

$\phi_8$

$\phi_9$

$\phi_{10}$

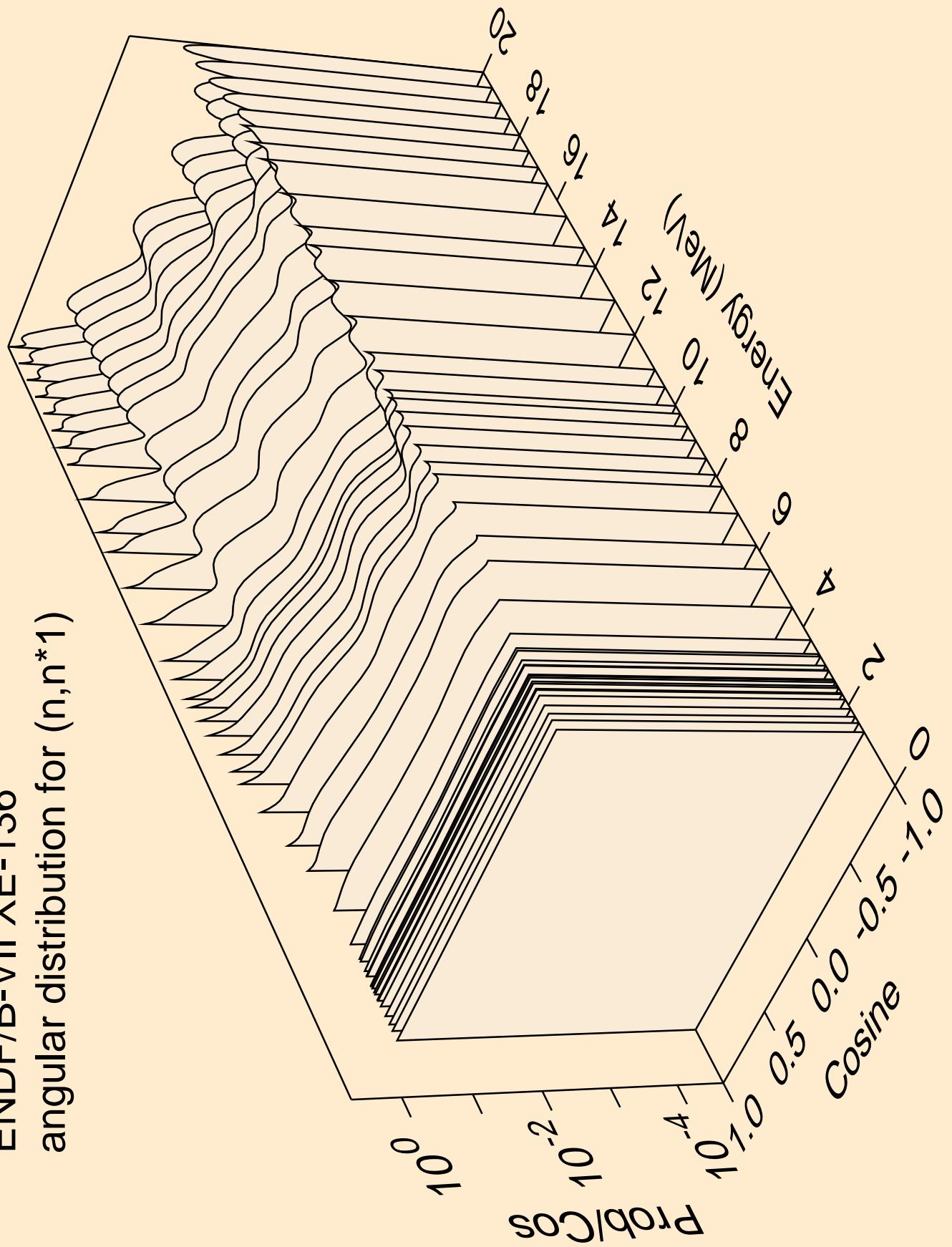
$\phi_{11}$

$\phi_{12}$

Energy (MeV)

ENDF/B-VII XE-136

angular distribution for (n,n\*1)



ENDF/B-VII XE-136

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

$10^0$

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 XE-136

angular distribution for (n,n\*3)

$10^0$

Prob/Cos

1.0

0.5  
0.0  
-0.5  
-1.0  
Cosine

Energy (MeV)

20

18

16

14

12

10

8

6

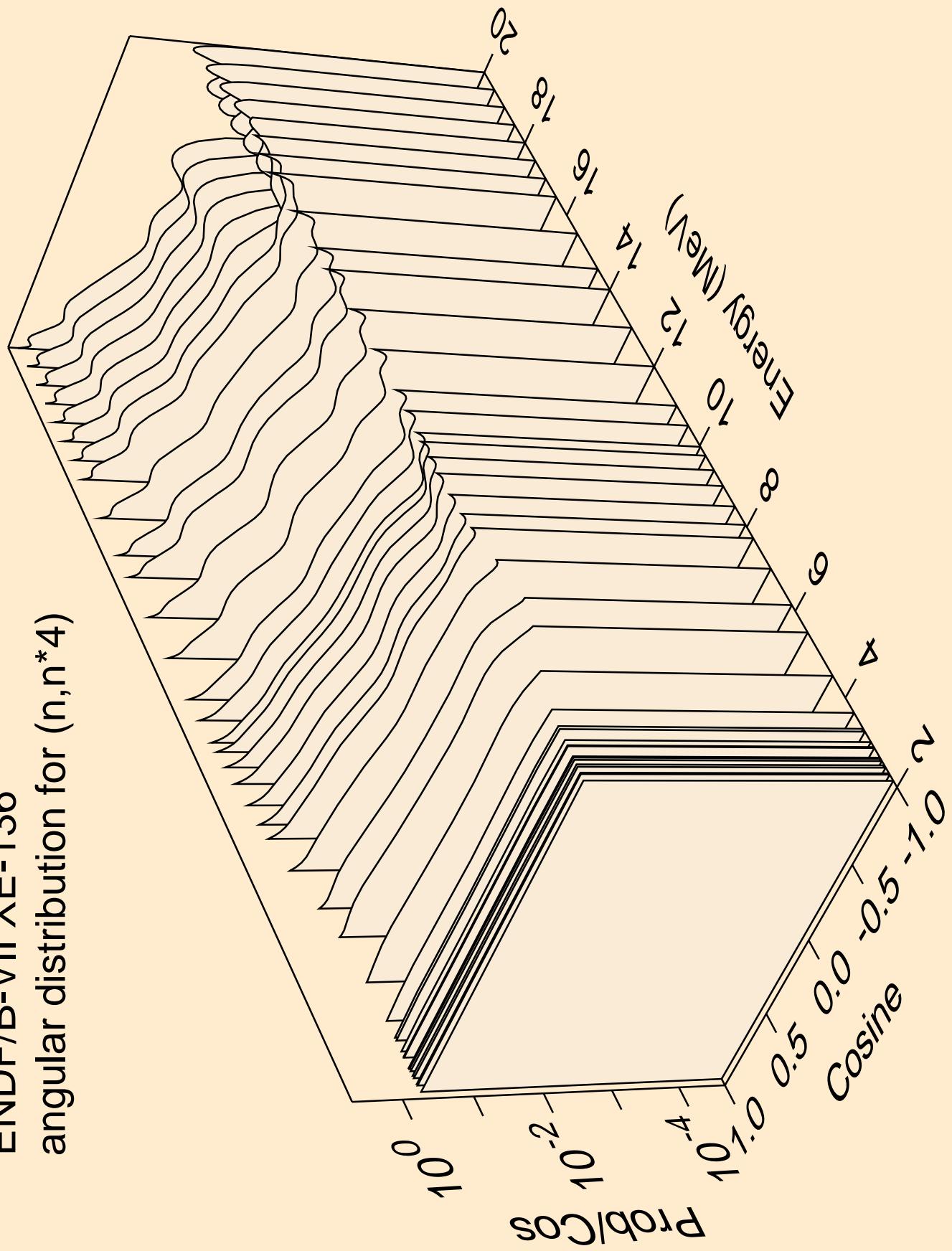
4

2

0

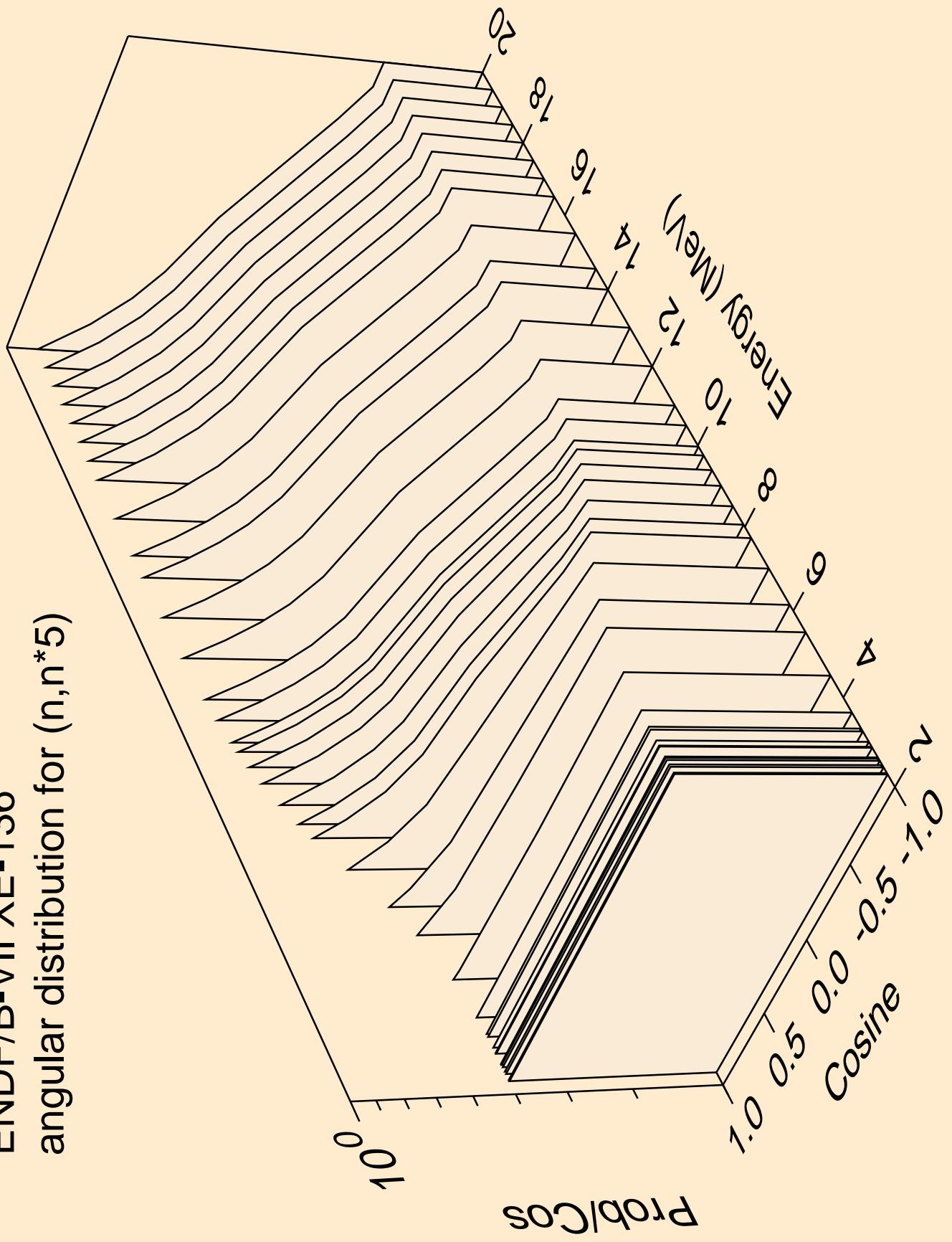
ENDF/B-VII XE-136

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



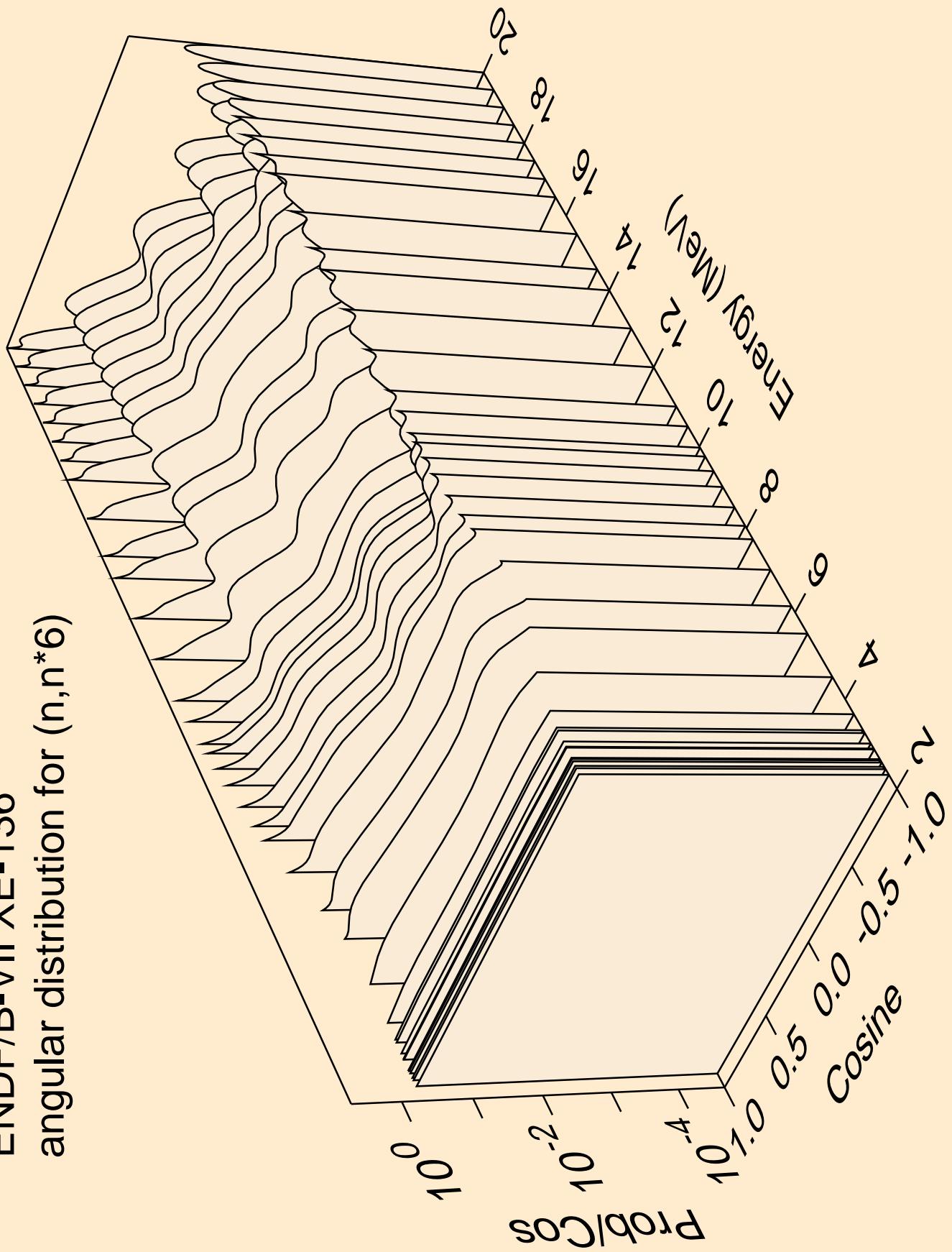
ENDF/B-VII XE-136

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



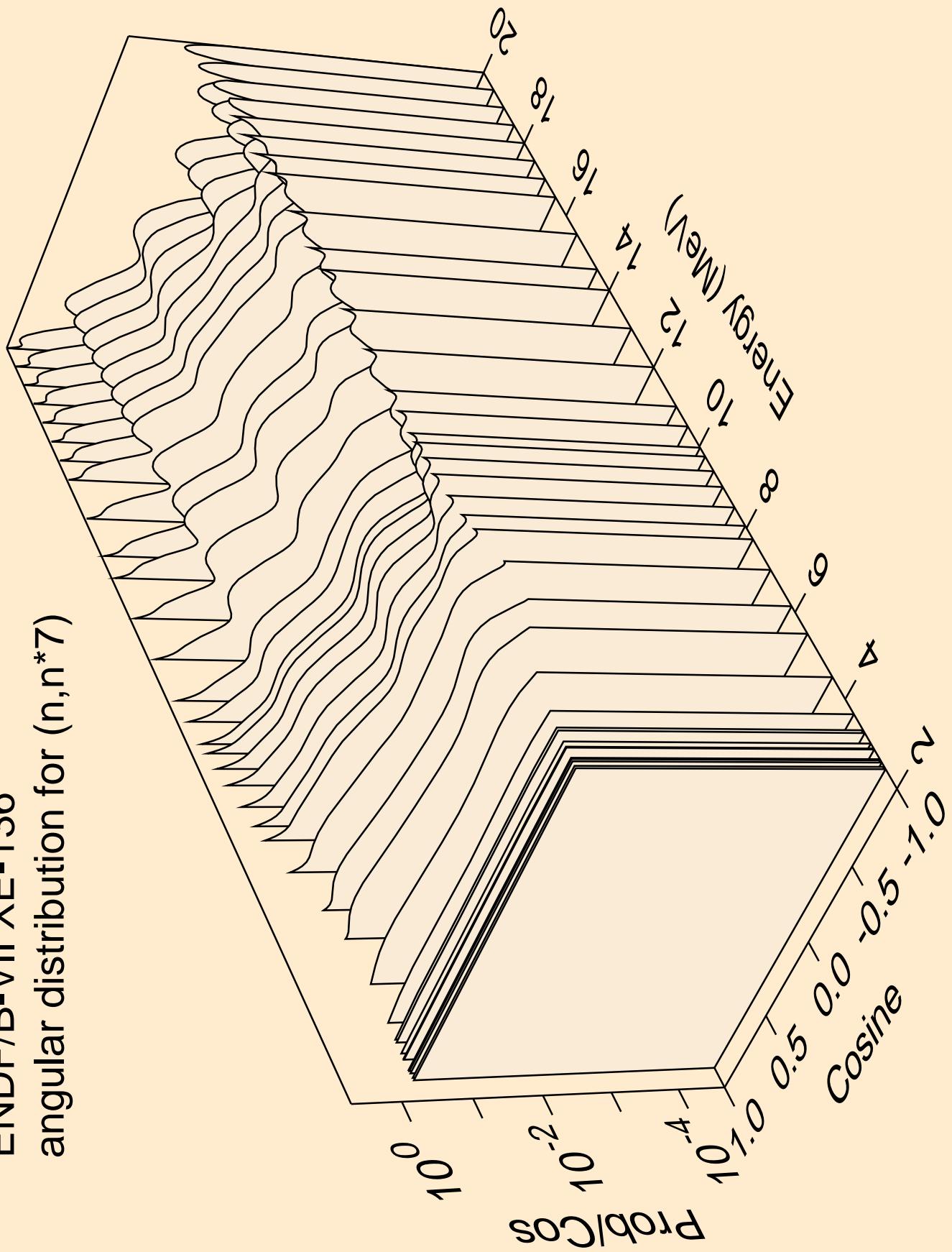
ENDF/B-VII XE-136

angular distribution for (n,n\*6)



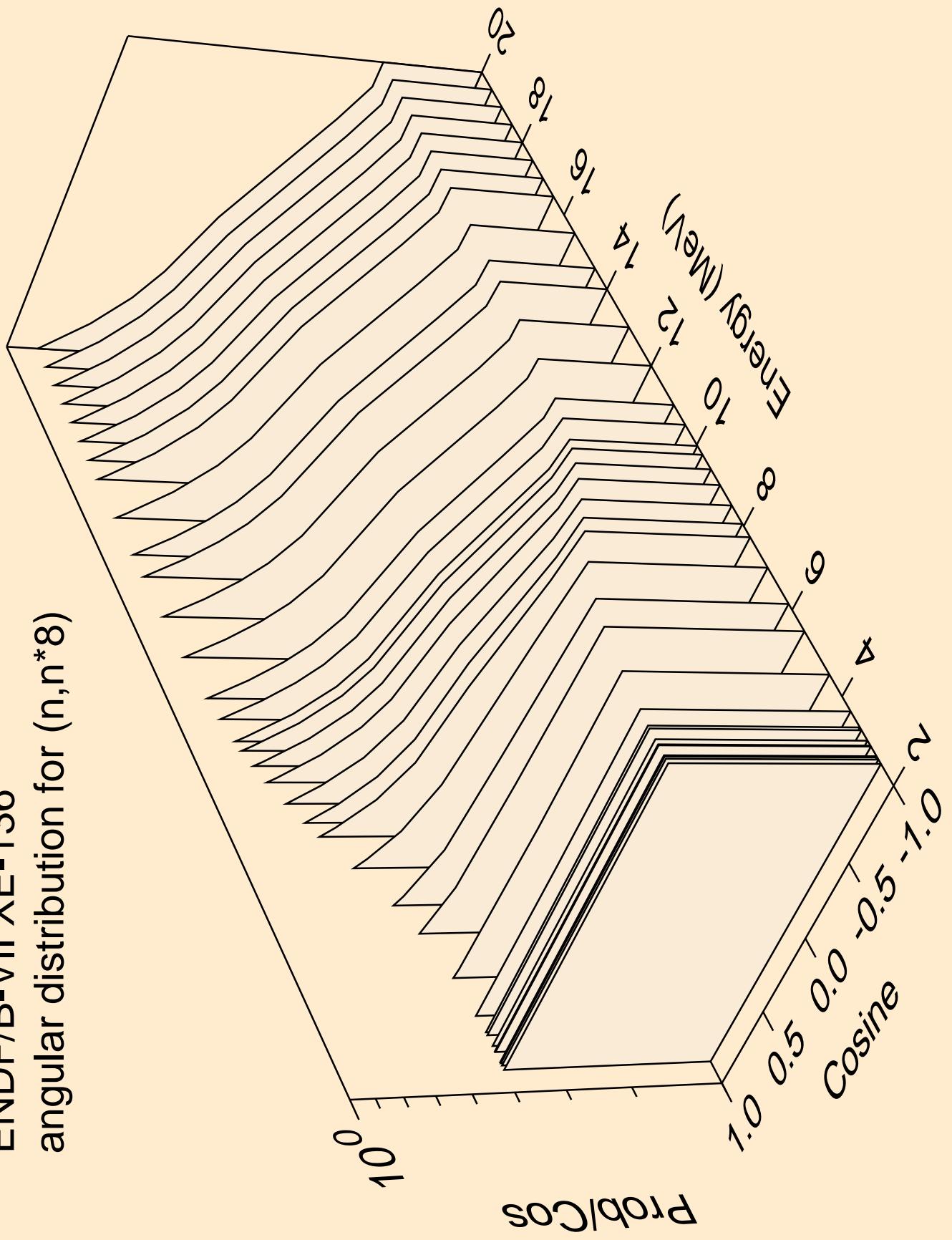
ENDF/B-VII XE-136

angular distribution for (n,n\*7)



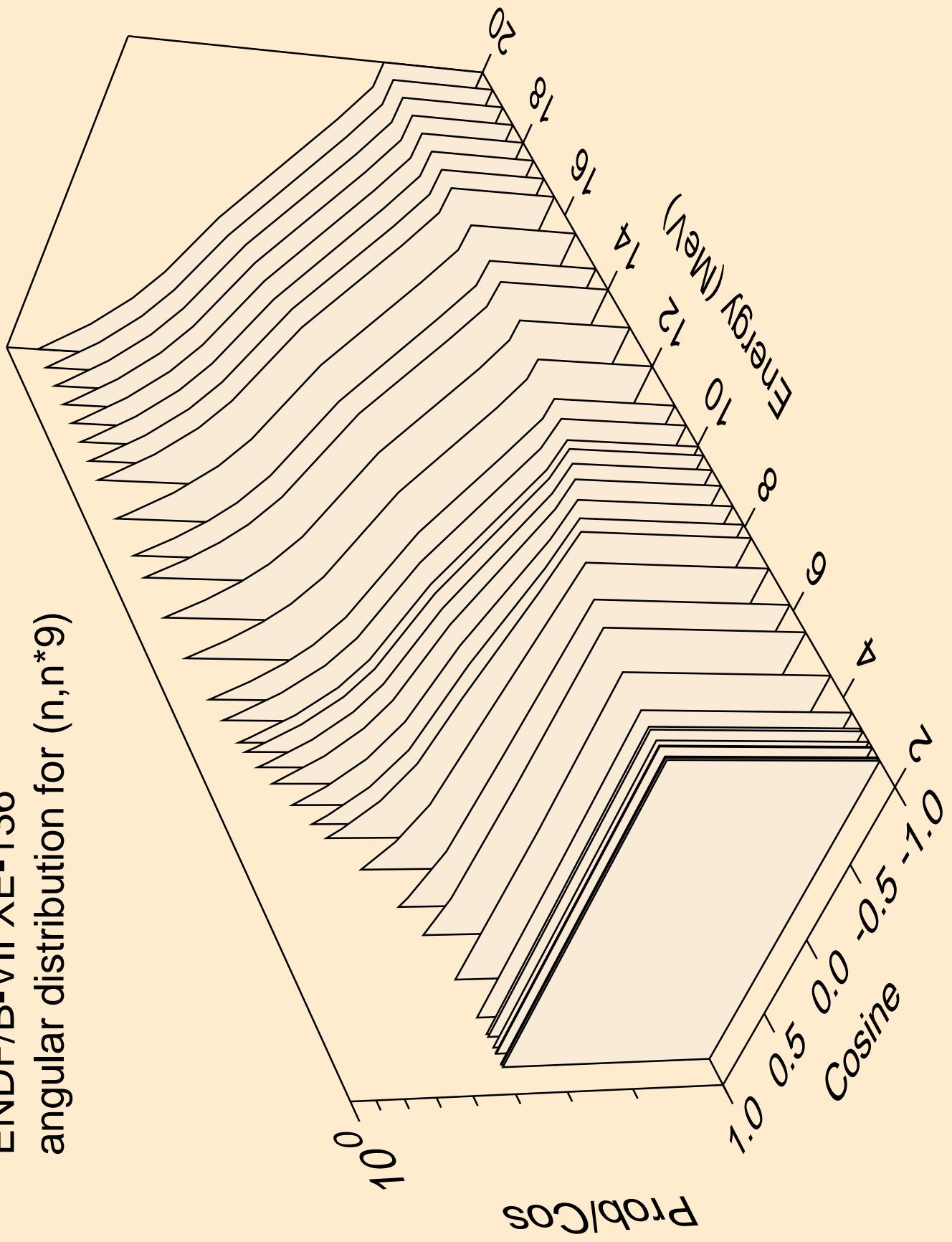
ENDF/B-VII XE-136

angular distribution for ( $n, n^* 8$ )



ENDF/B-VII XE-136

angular distribution for ( $n,n^*9$ )



ENDF/B-VII XE-136

angular distribution for  $(n,n^*10)$

$10^0$

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

$\Delta$

$\alpha$

$E_{\gamma}$  (MeV)

Energy

$\phi$

$\theta$

$\psi$

$\chi$

$\zeta$

$\eta$

$\nu$

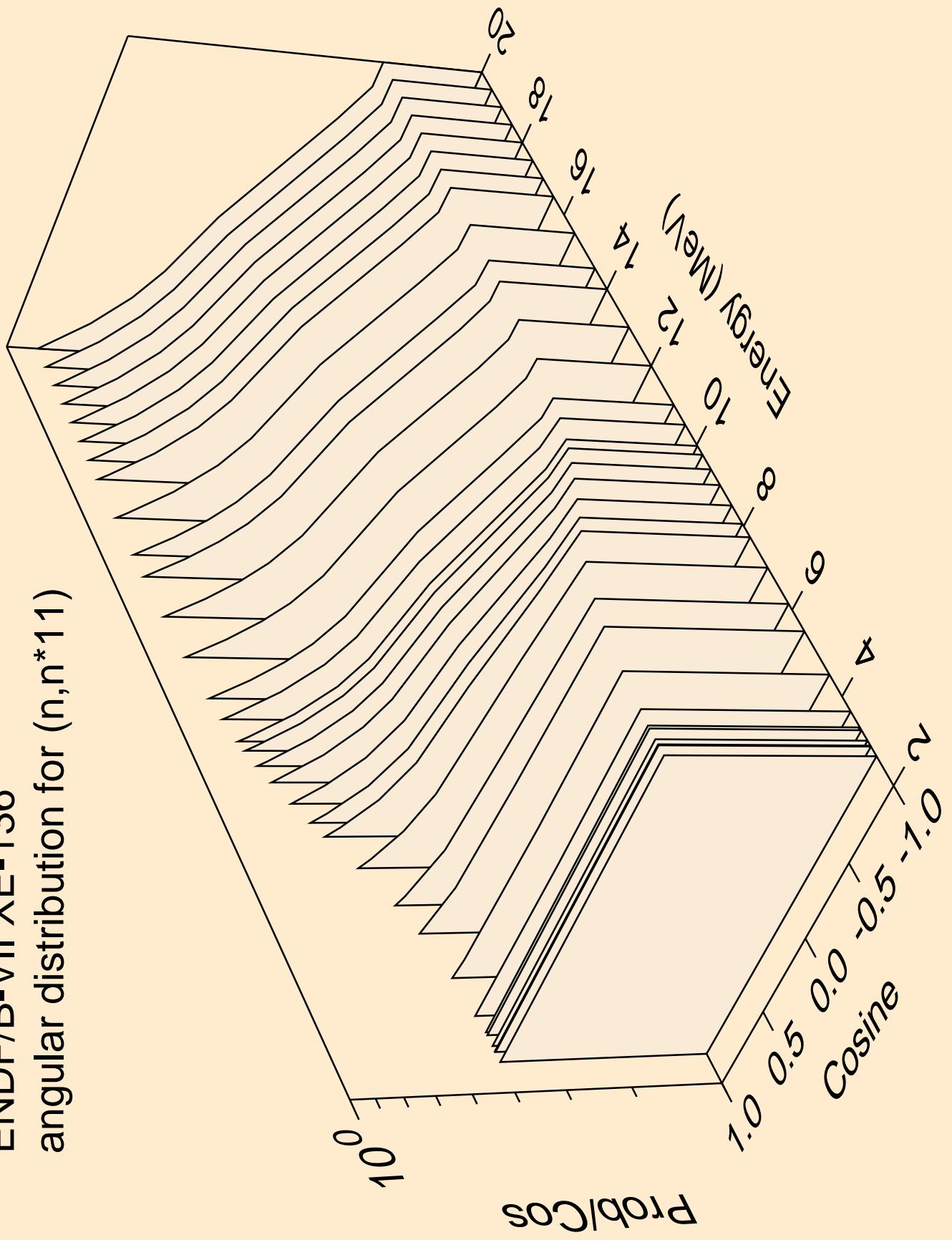
$\mu$

$\lambda$

$\kappa$

ENDF/B-VII XE-136

angular distribution for  $(n,n^*11)$



ENDF/B-VII XE-136

angular distribution for  $(n,n^*12)$

$10^0$

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

Cosine  
-0.5 -1.0

0

8

10

14

20

Energy (MeV)

ENDF/B-VII XE-136

angular distribution for ( $n,n^*13$ )

$10^0$

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

Cosine

0.5 -1.0

△

○

×

■

△

○

×

■

Energy (MeV)

10<sup>0</sup> 10<sup>-1</sup> 10<sup>-2</sup>

10<sup>-3</sup> 10<sup>-4</sup> 10<sup>-5</sup>

10<sup>-6</sup> 10<sup>-7</sup> 10<sup>-8</sup>

10<sup>-9</sup> 10<sup>-10</sup> 10<sup>-11</sup>

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII XE-136

angular distribution for ( $n,n^*14$ )

$10^0$

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

Cosine  
-1.0 -0.5 0.0 0.5 1.0

Energy (MeV)

8

6

4

2

0

20

18

16

14

12

10

8

6

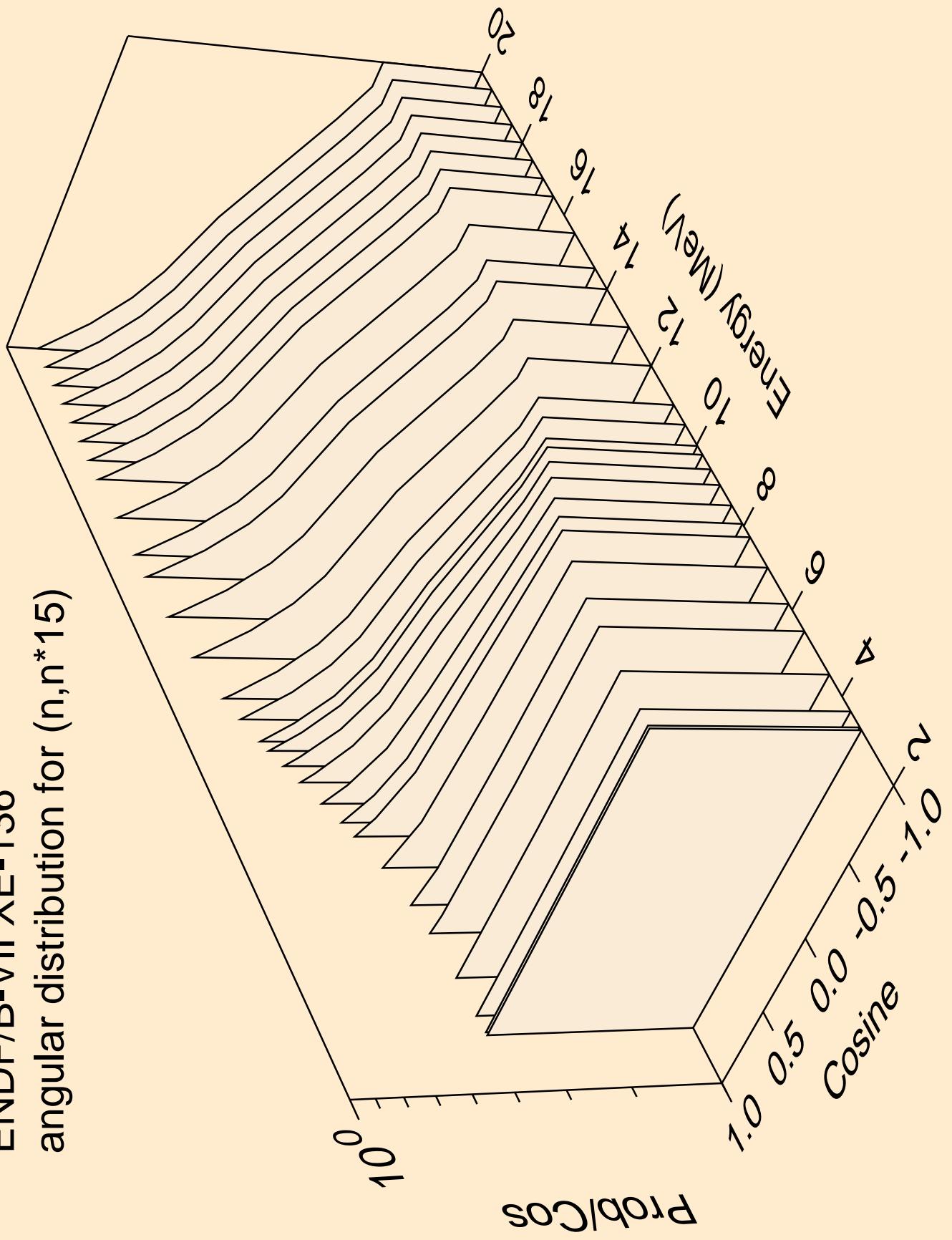
4

2

0

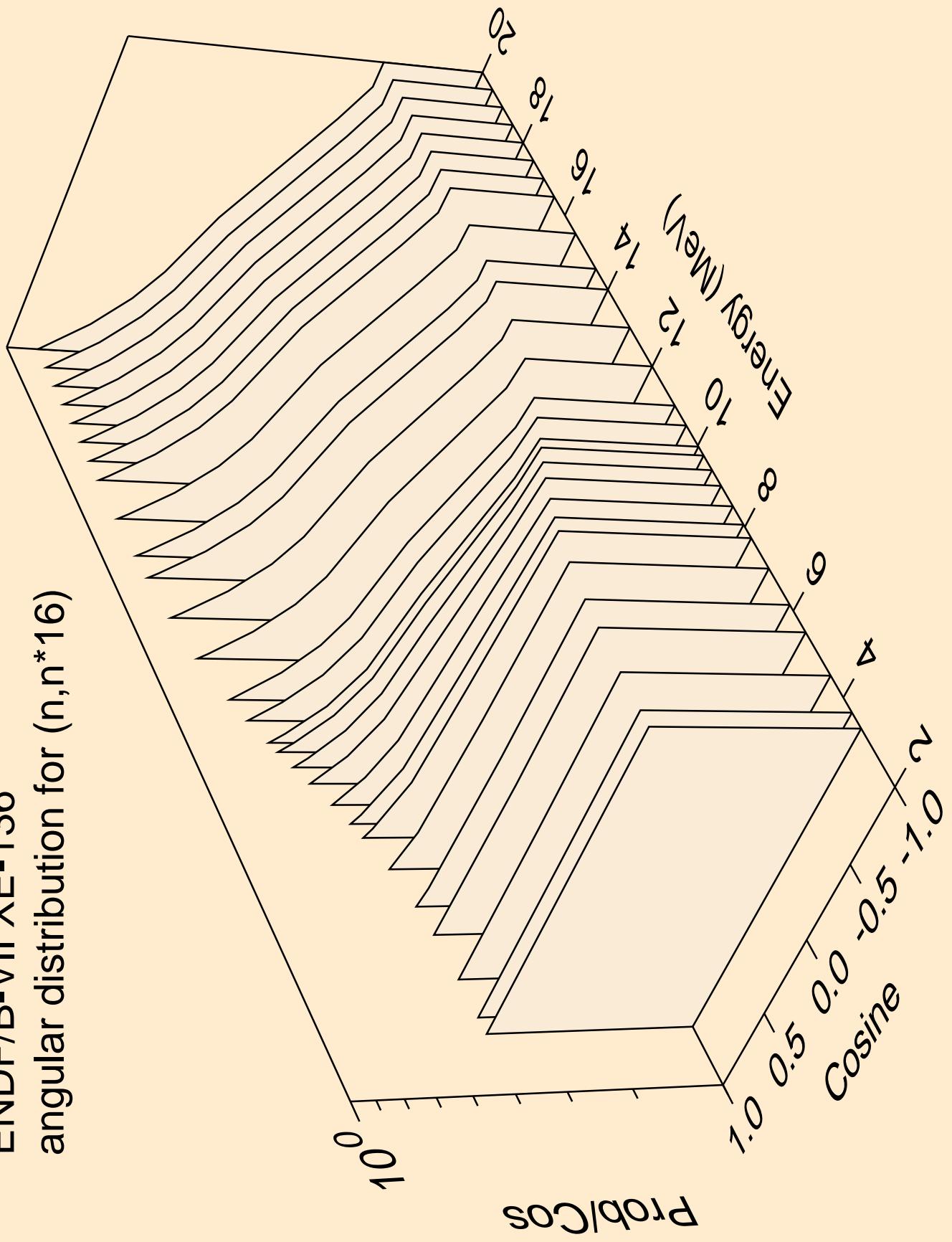
ENDF/B-VII XE-136

angular distribution for  $(n,n^*15)$



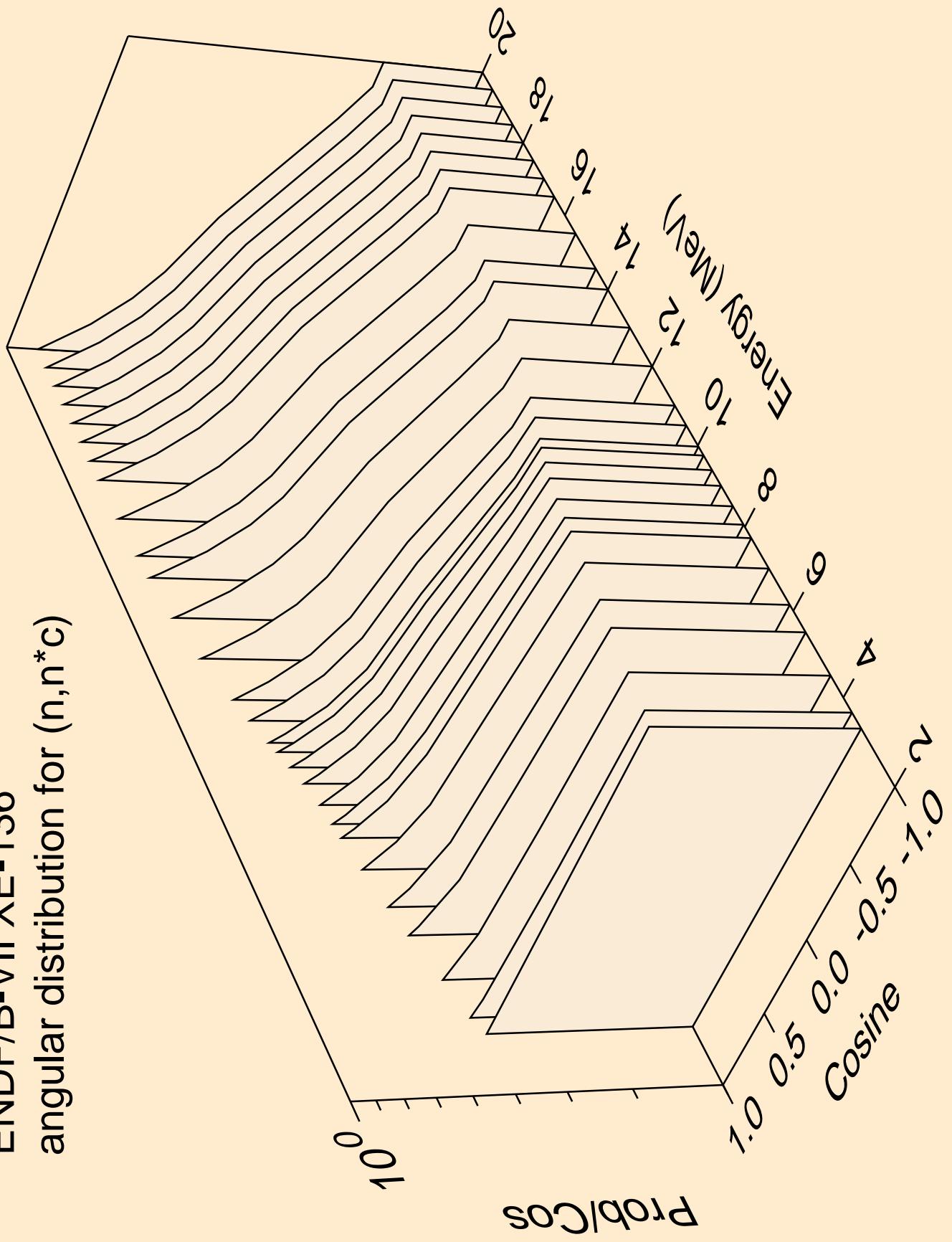
ENDF/B-VII XE-136

angular distribution for ( $n,n^*16$ )



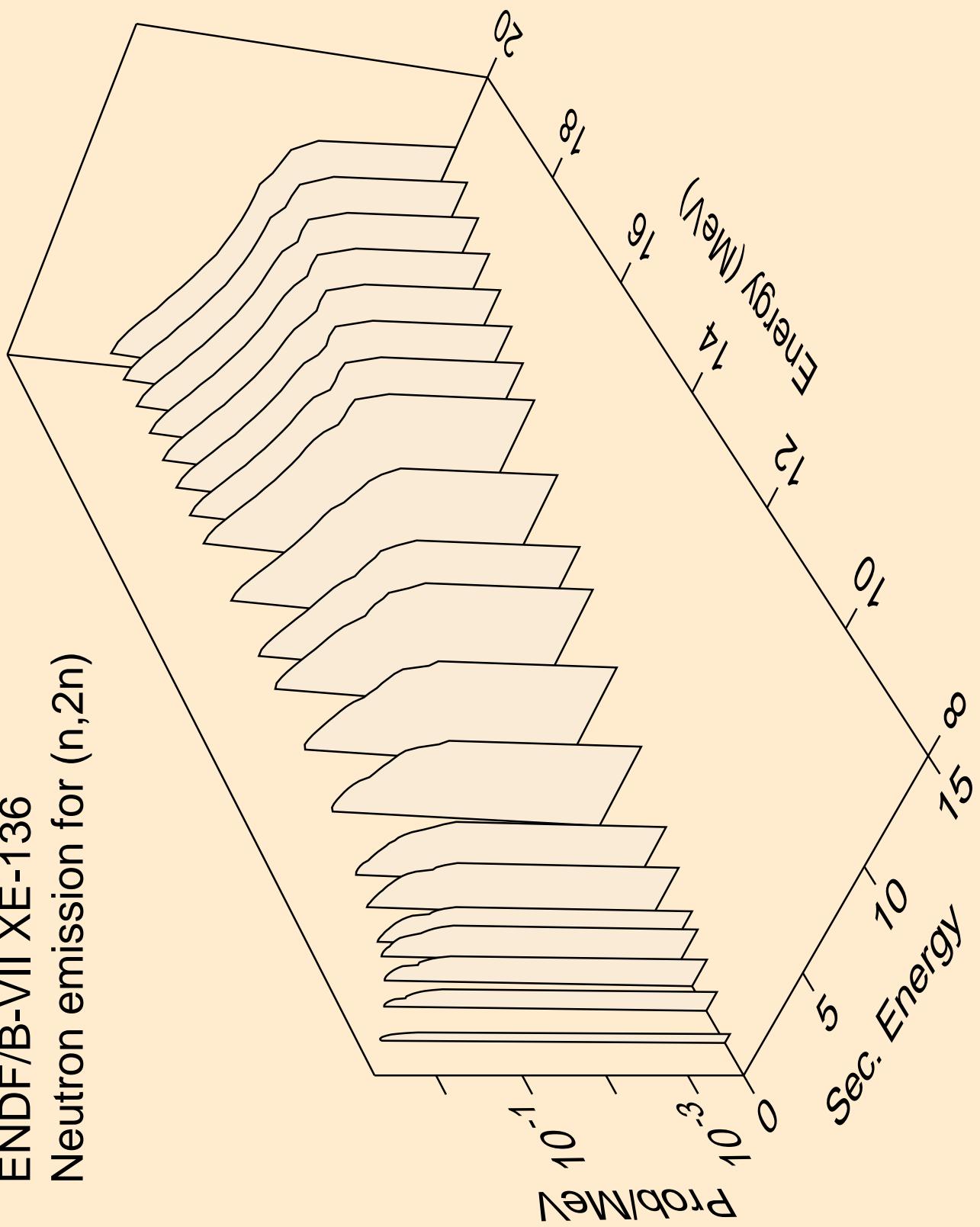
ENDF/B-VII XE-136

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



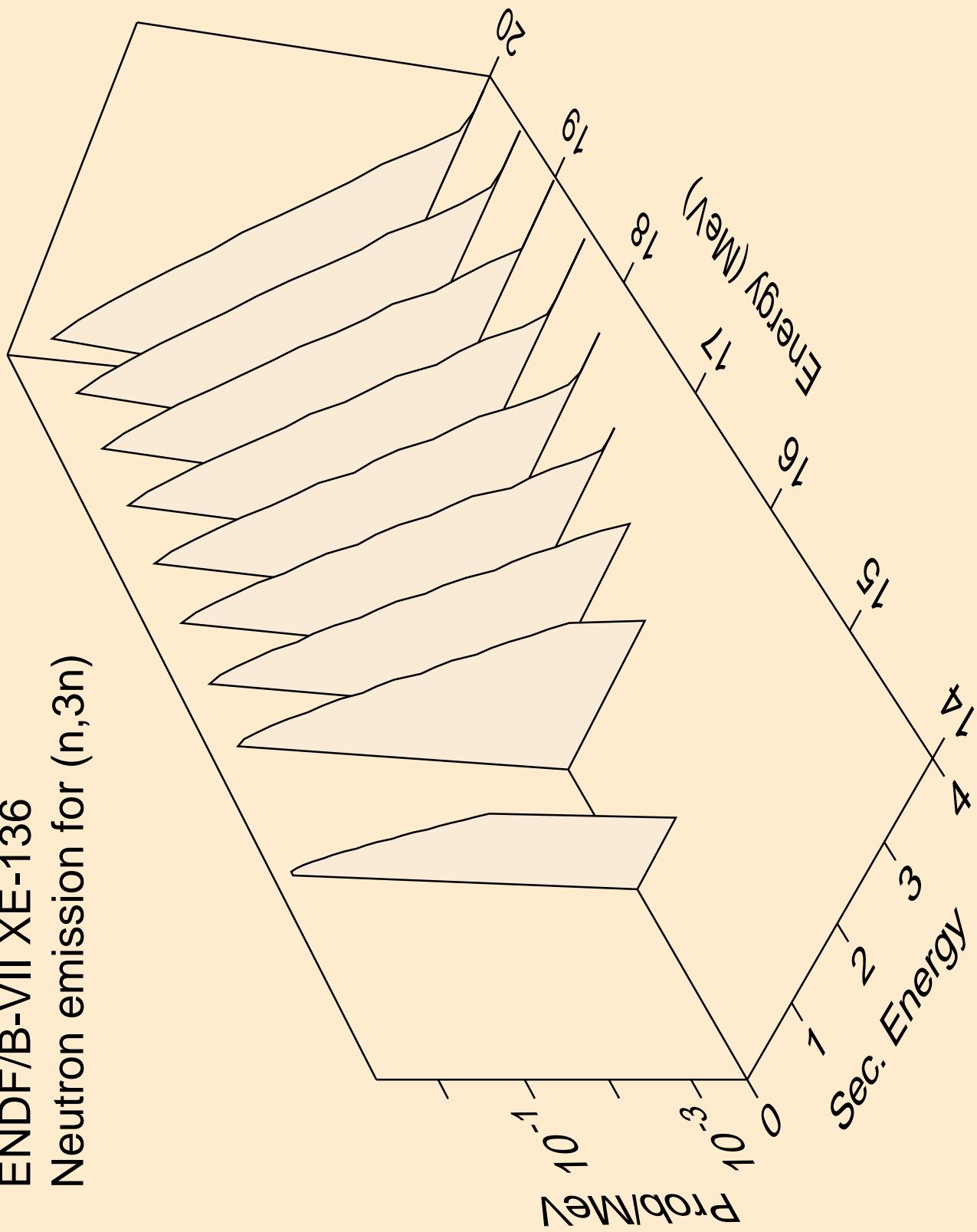
ENDF/B-VII XE-136

Neutron emission for  $(n,2n)$



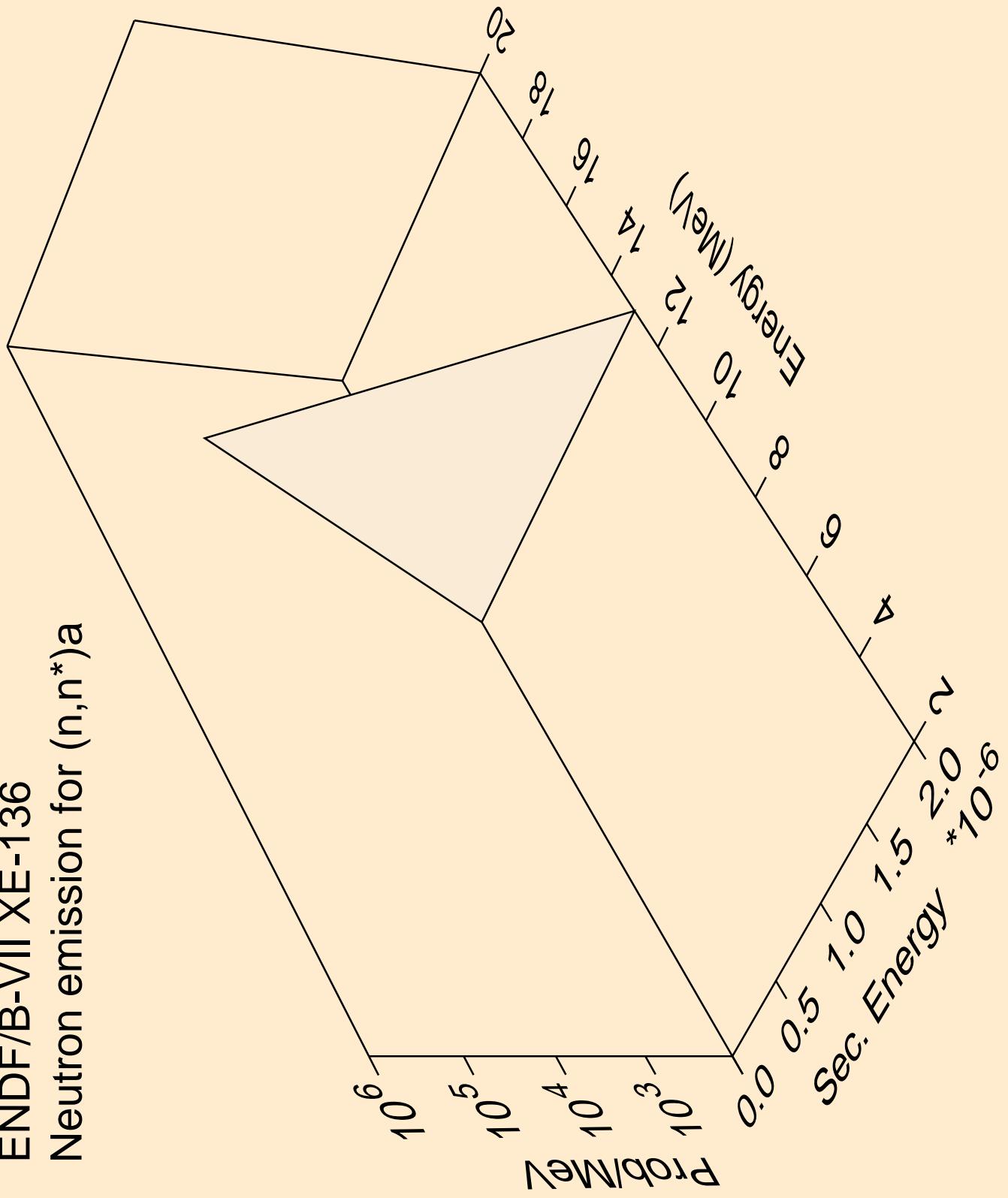
ENDF/B-VII XE-136

Neutron emission for  $(n, 3n)$



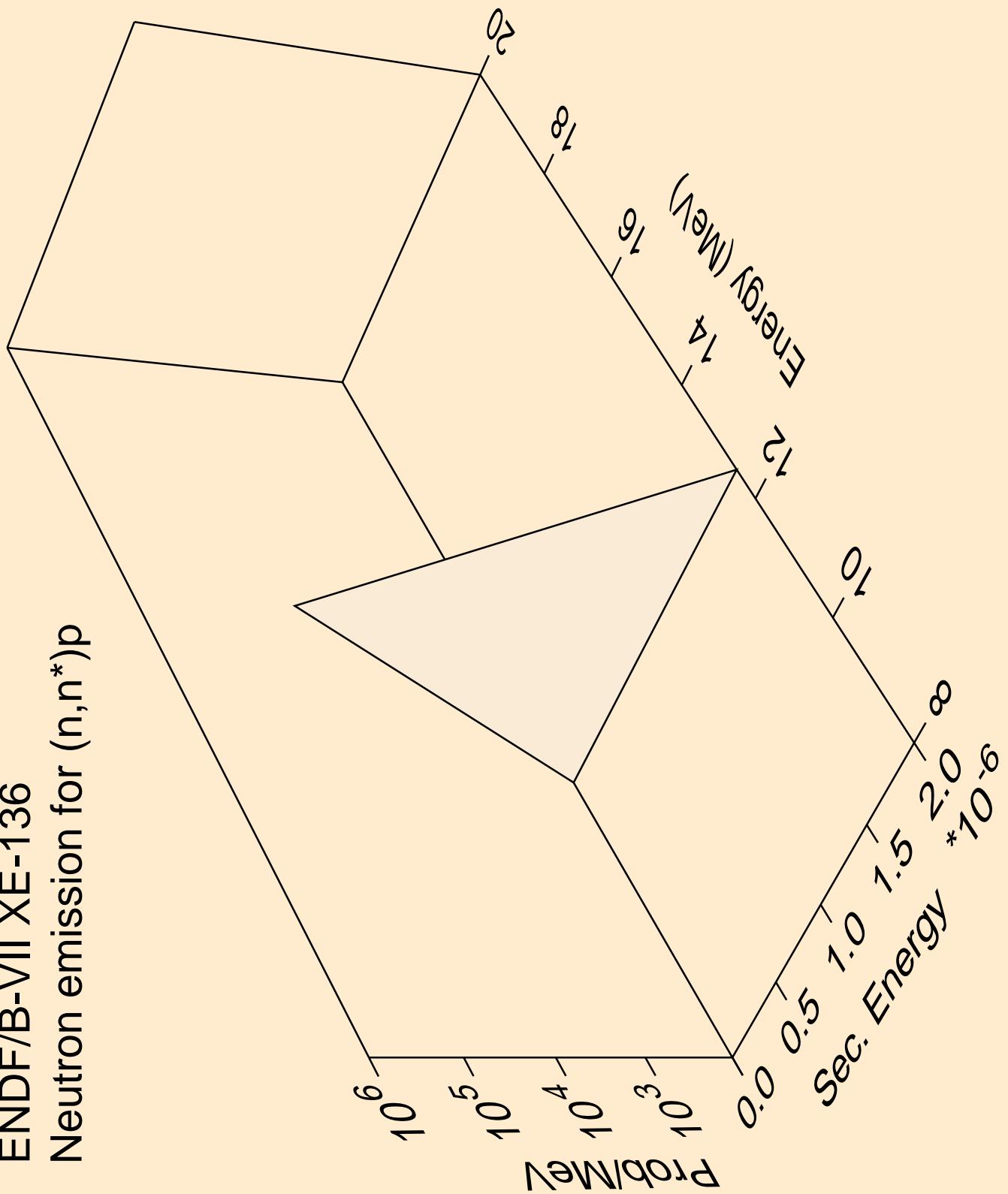
ENDF/B-VII XE-136

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



ENDF/B-VII XE-136

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



ENDF/B-VII XE-136

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

