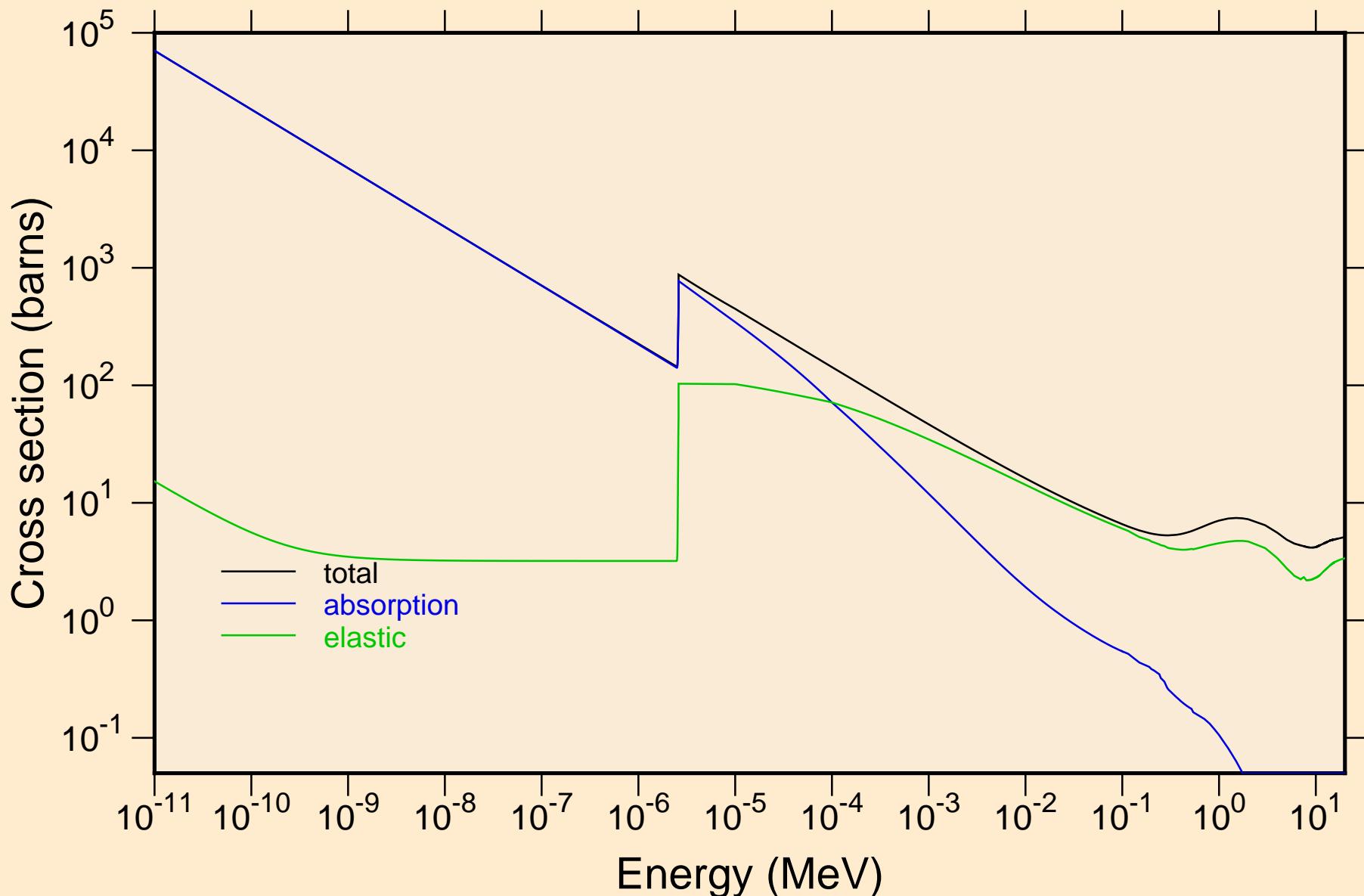
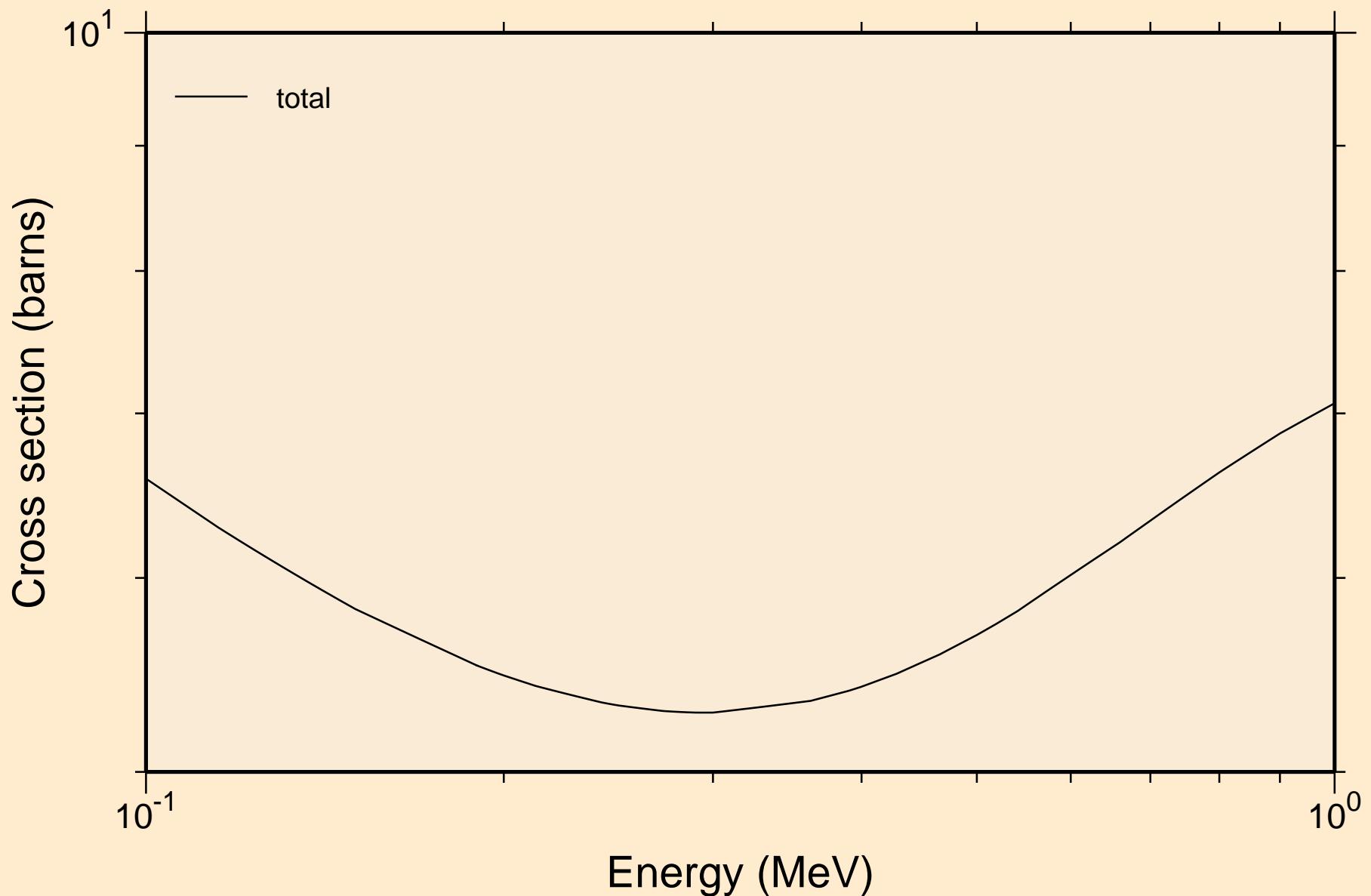


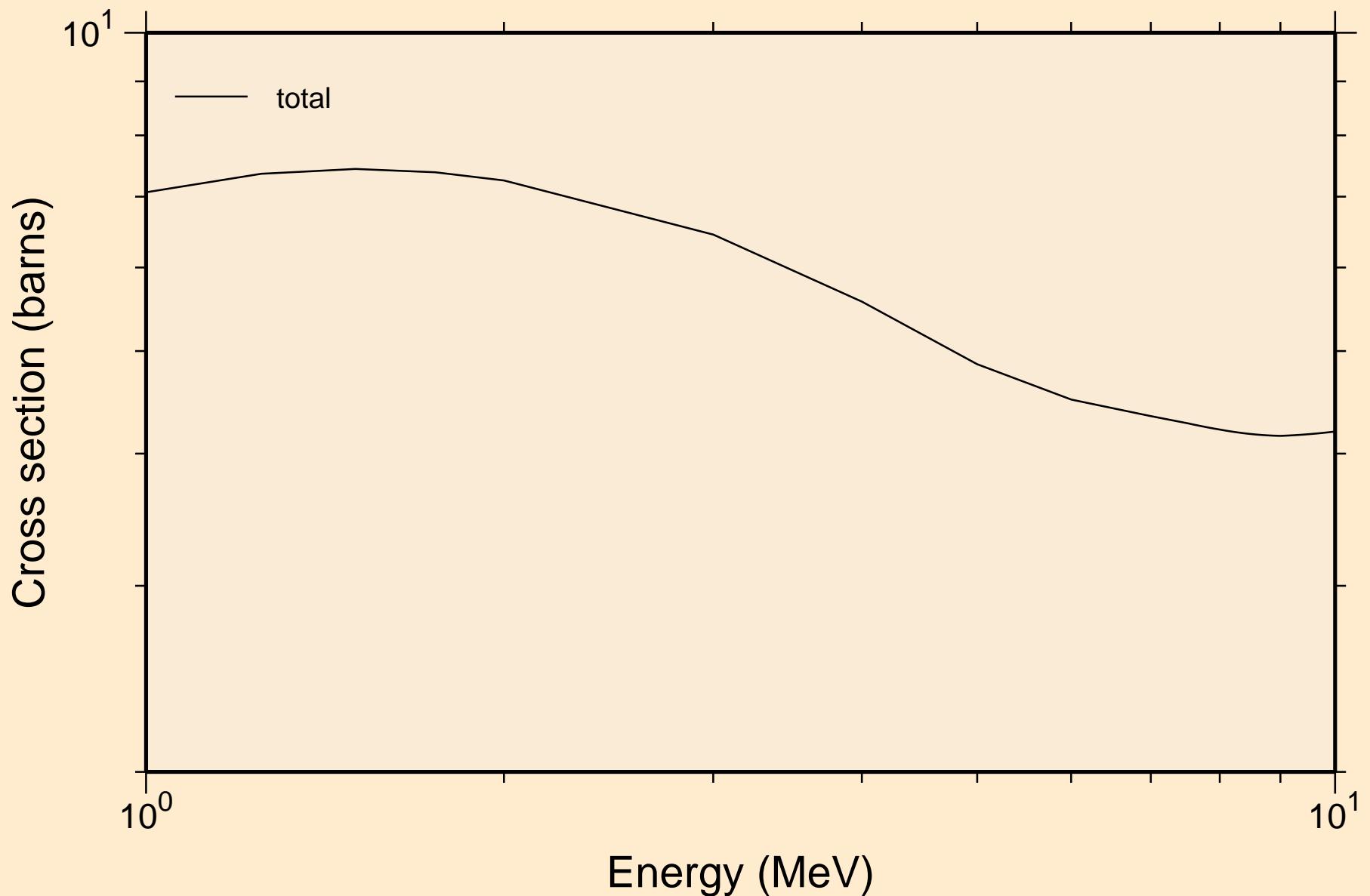
ENDF/B-VII PM-149  
Principal cross sections



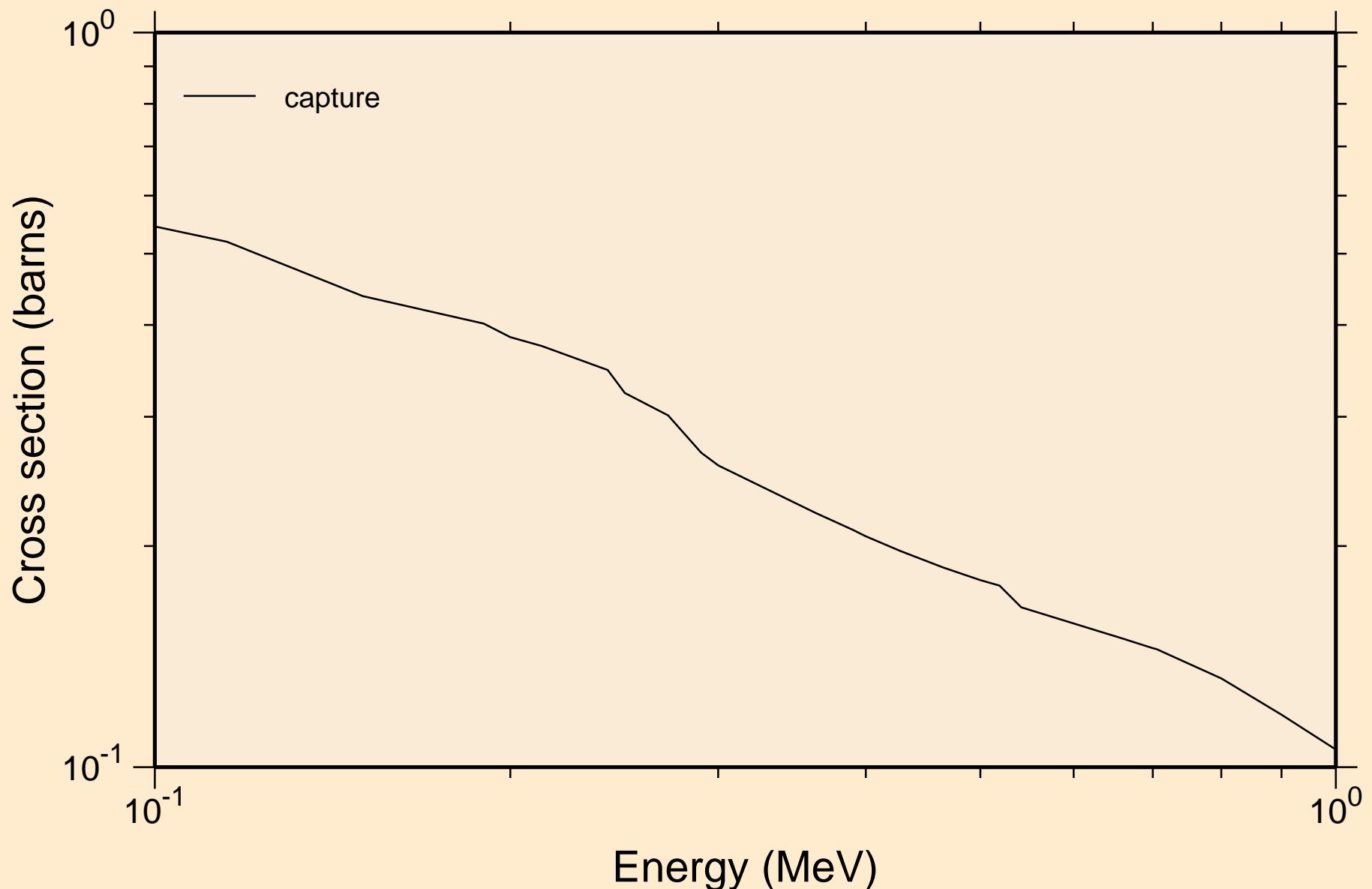
ENDF/B-VII PM-149  
resonance total cross section



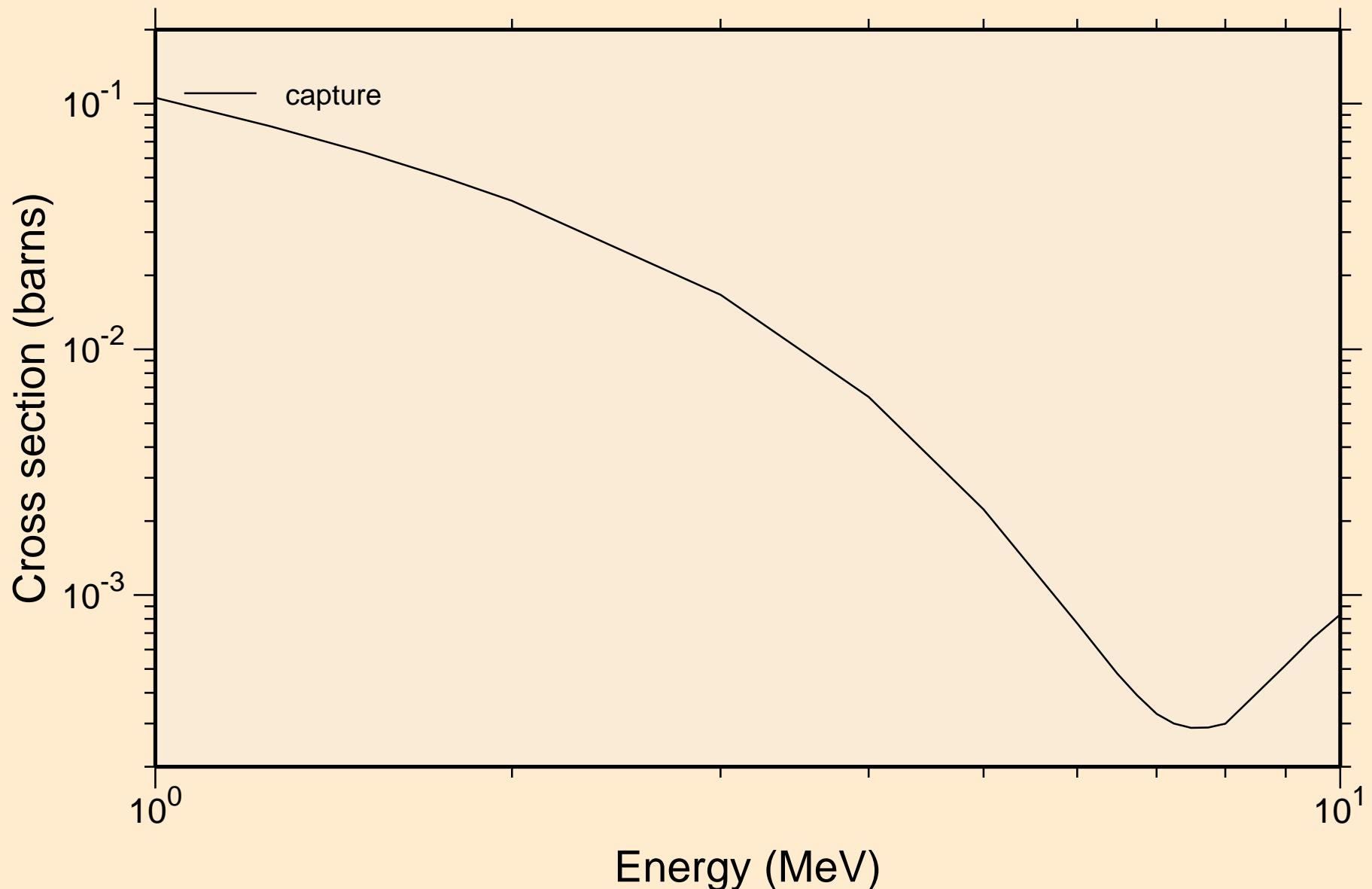
ENDF/B-VII PM-149  
resonance total cross section



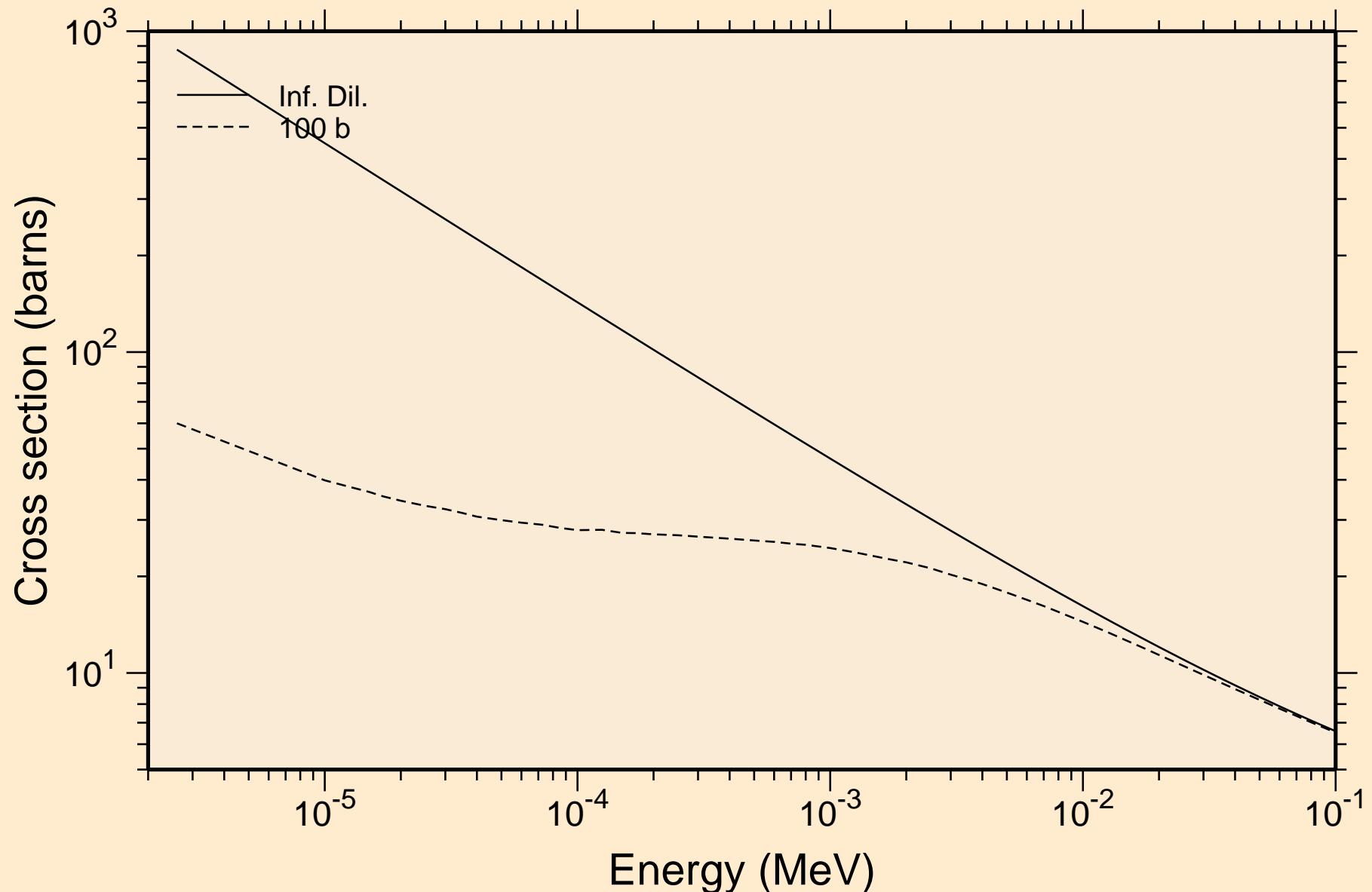
ENDF/B-VII PM-149  
resonance absorption cross sections



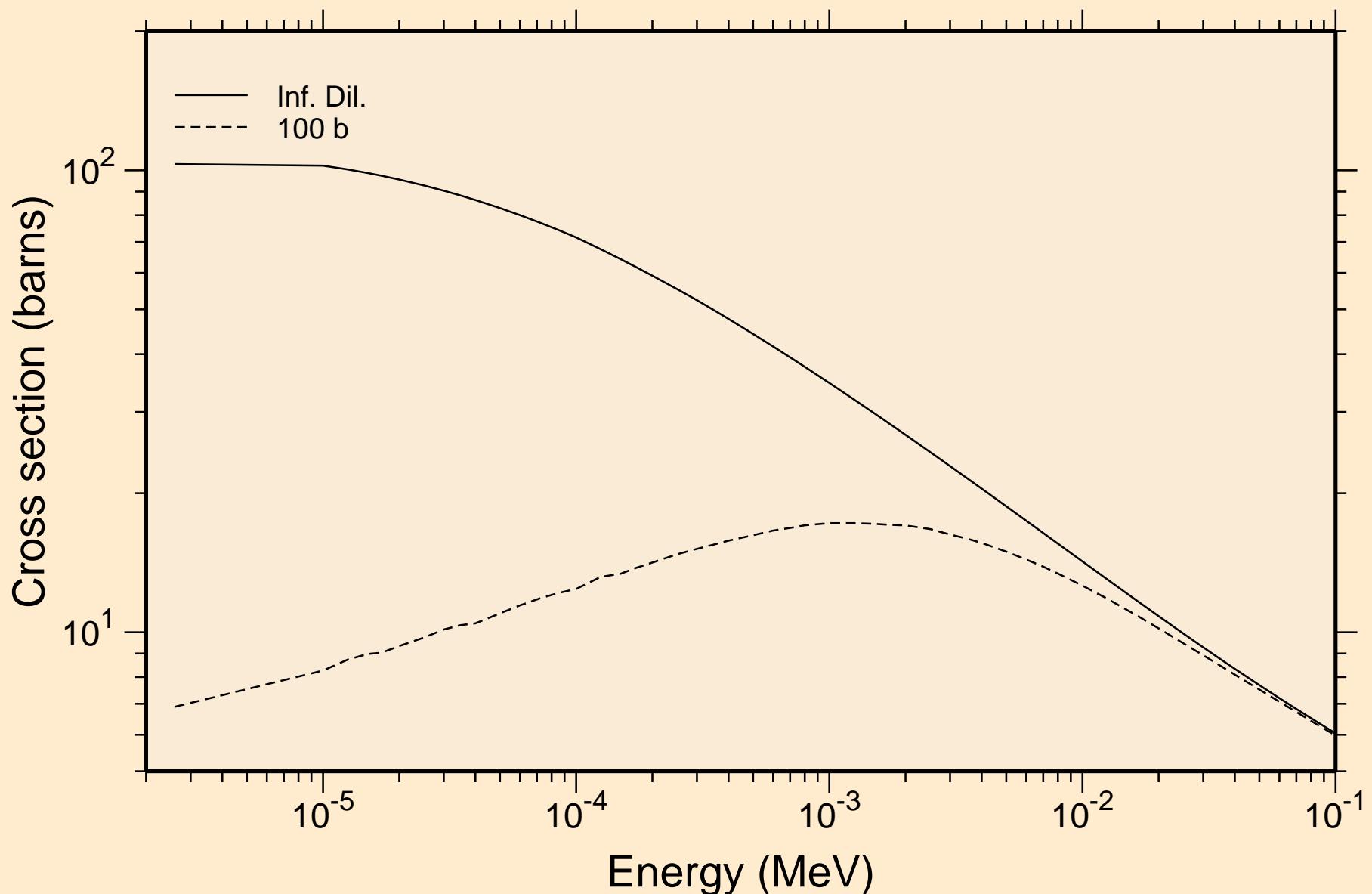
ENDF/B-VII PM-149  
resonance absorption cross sections



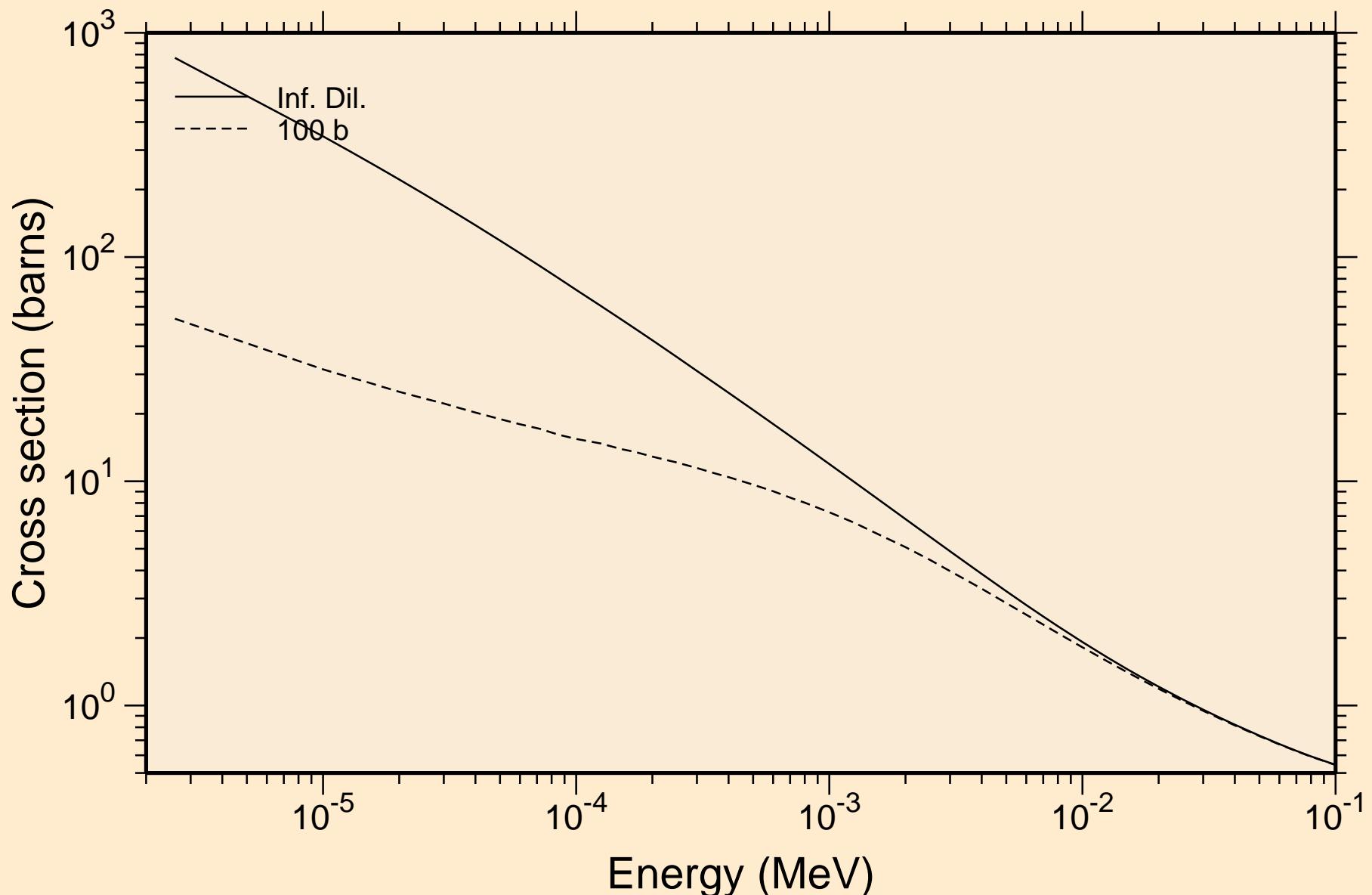
ENDF/B-VII PM-149  
UR total cross section



ENDF/B-VII PM-149  
UR elastic cross section

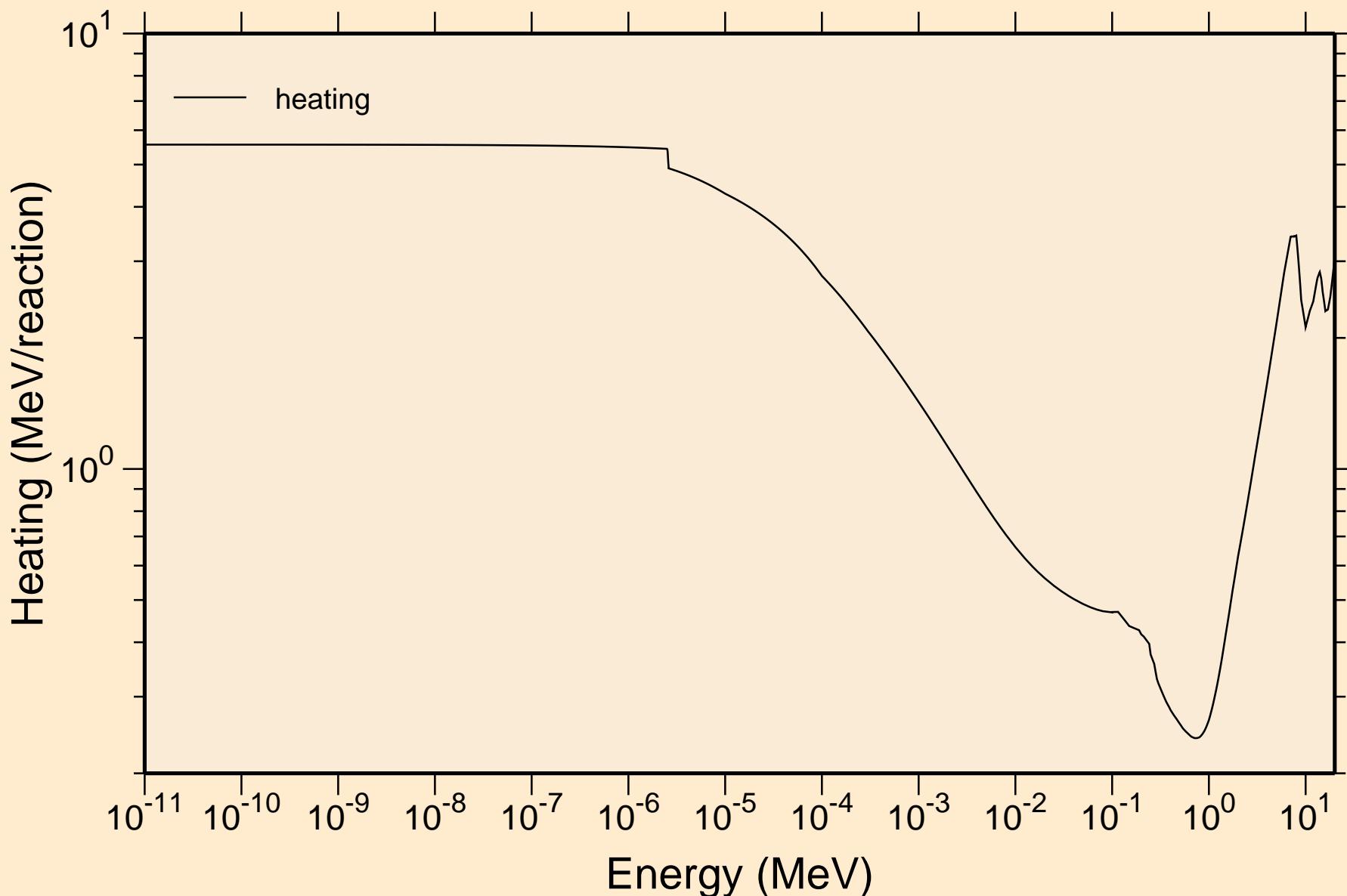


ENDF/B-VII PM-149  
UR capture cross section

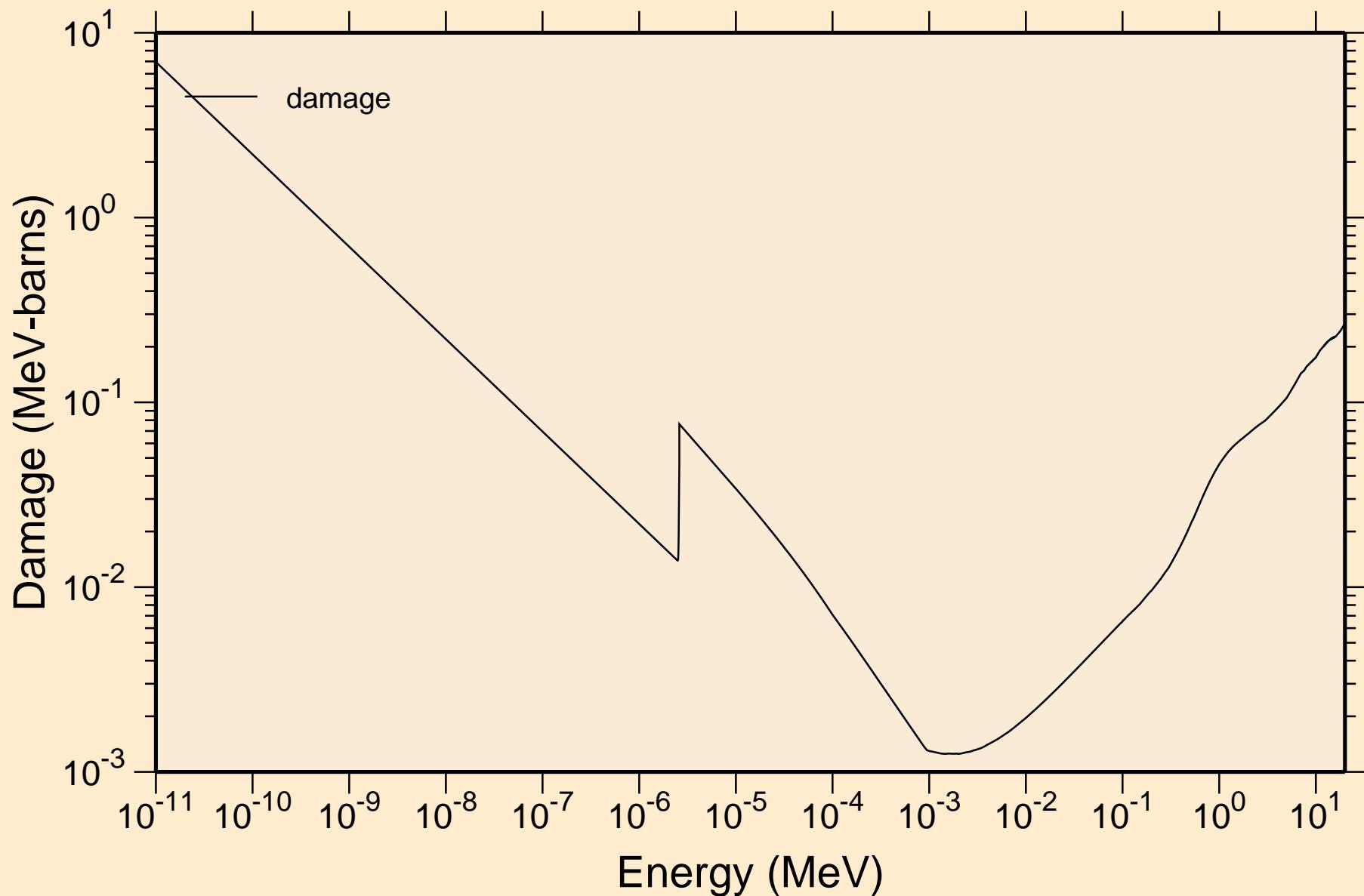


# ENDF/B-VII PM-149

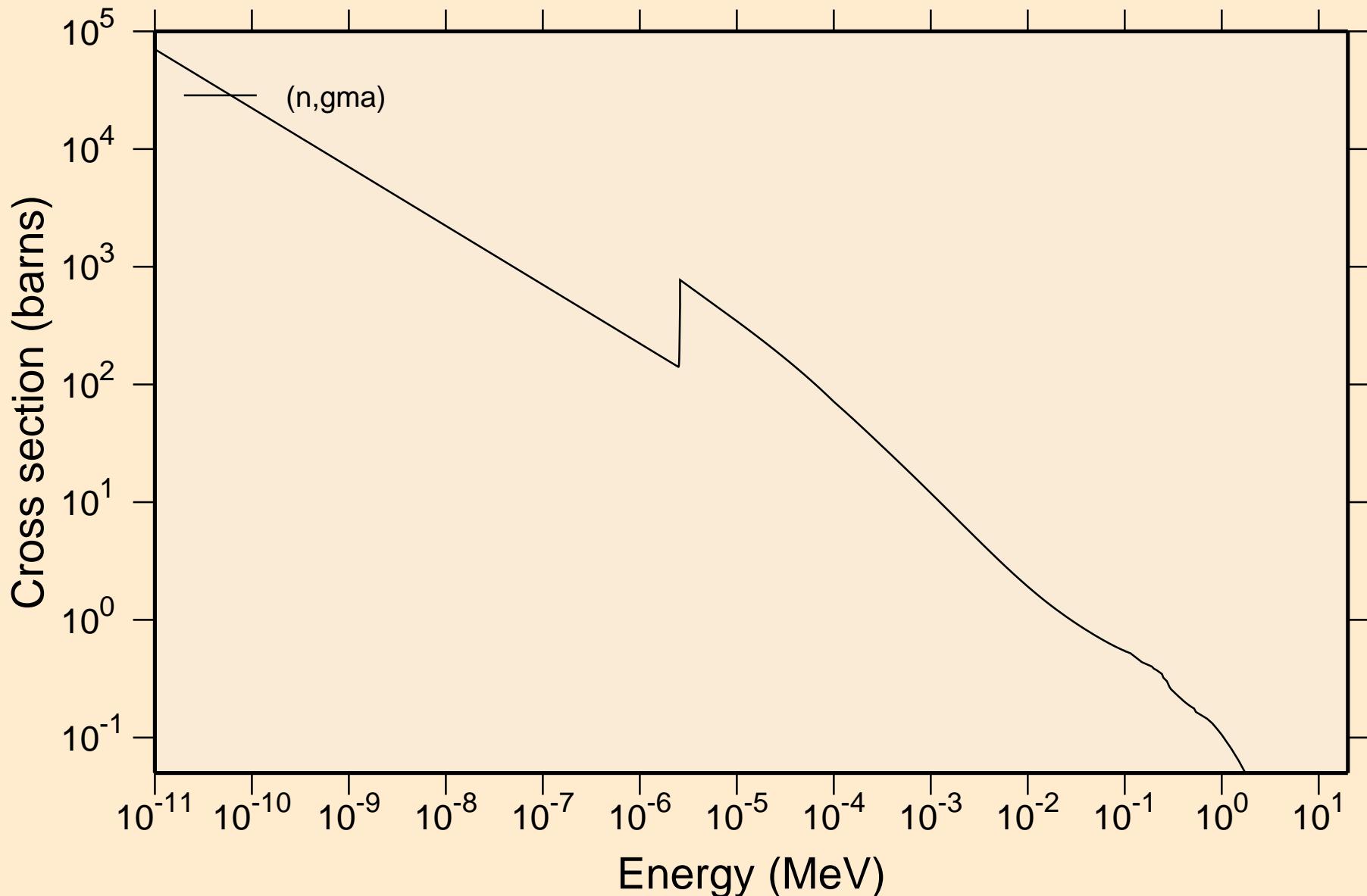
## Heating



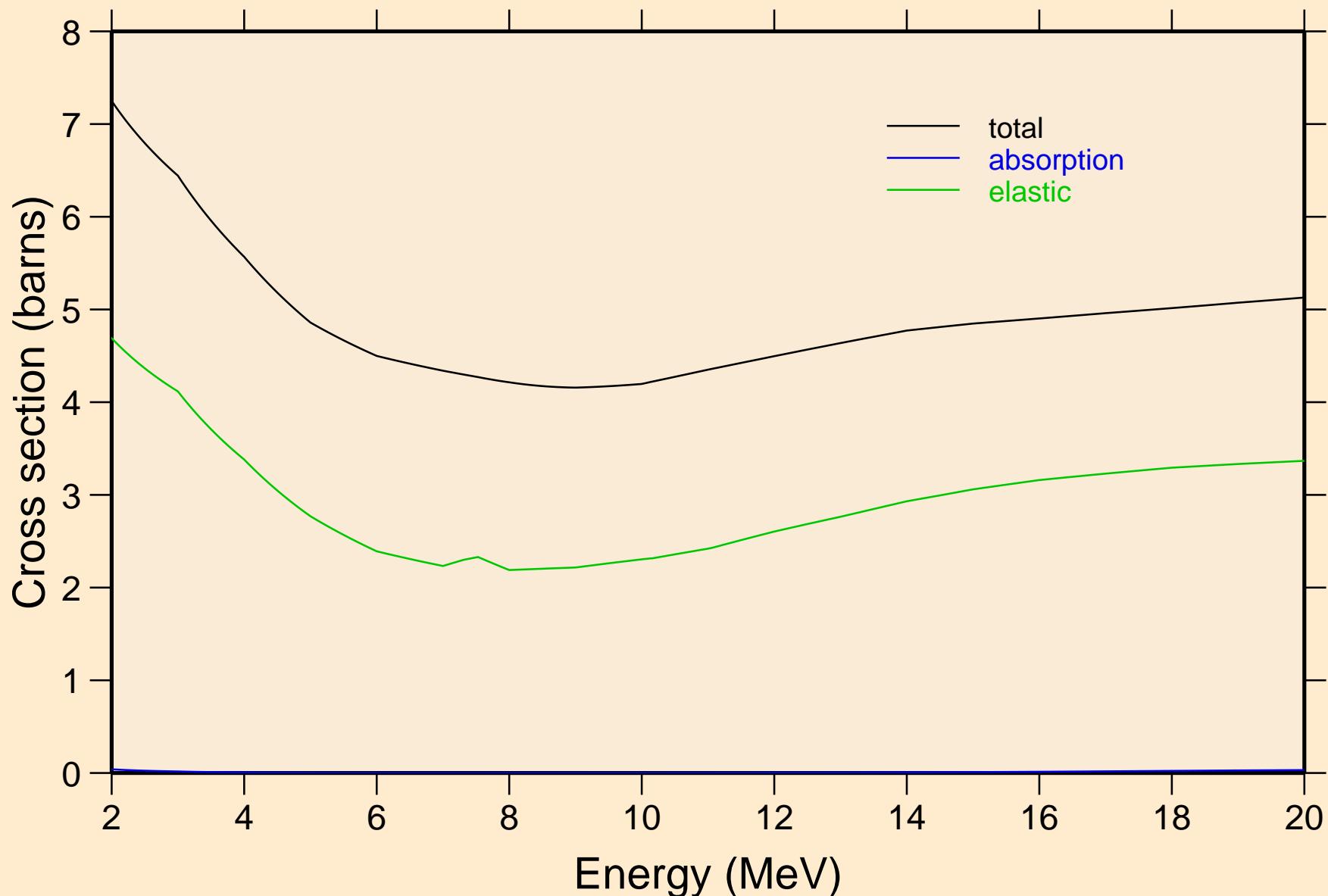
ENDF/B-VII PM-149  
Damage



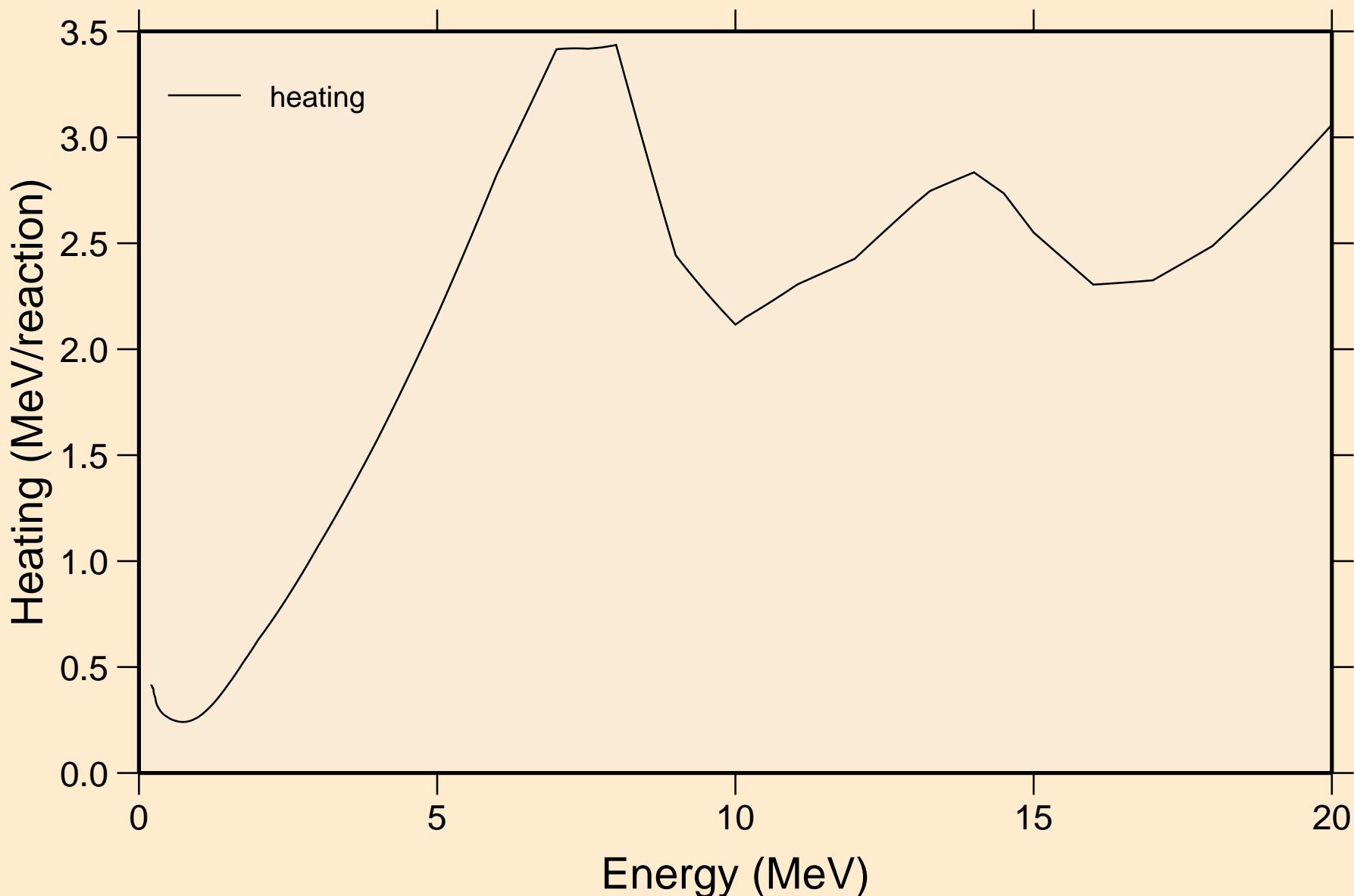
ENDF/B-VII PM-149  
Non-threshold reactions



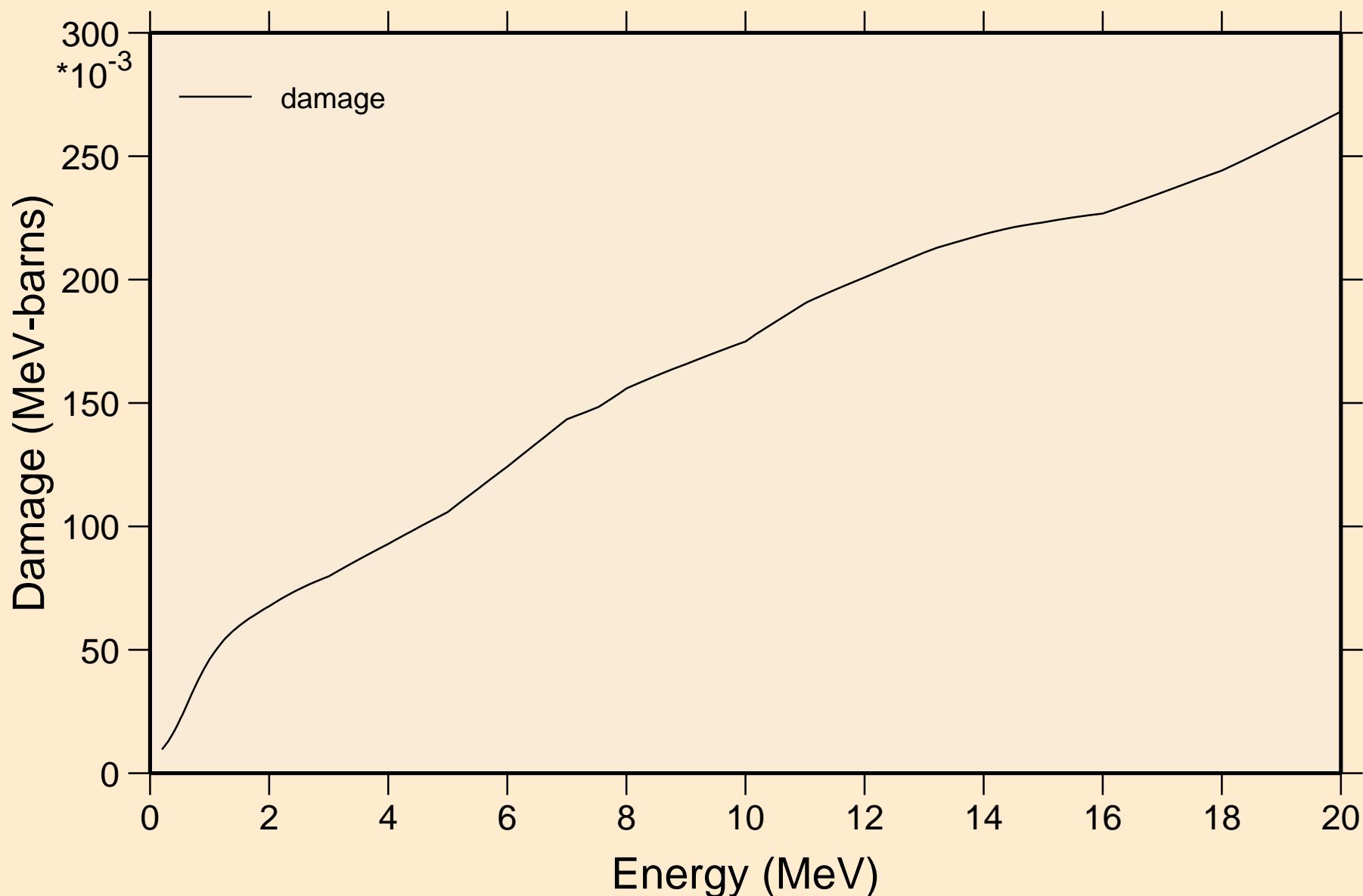
ENDF/B-VII PM-149  
Principal cross sections



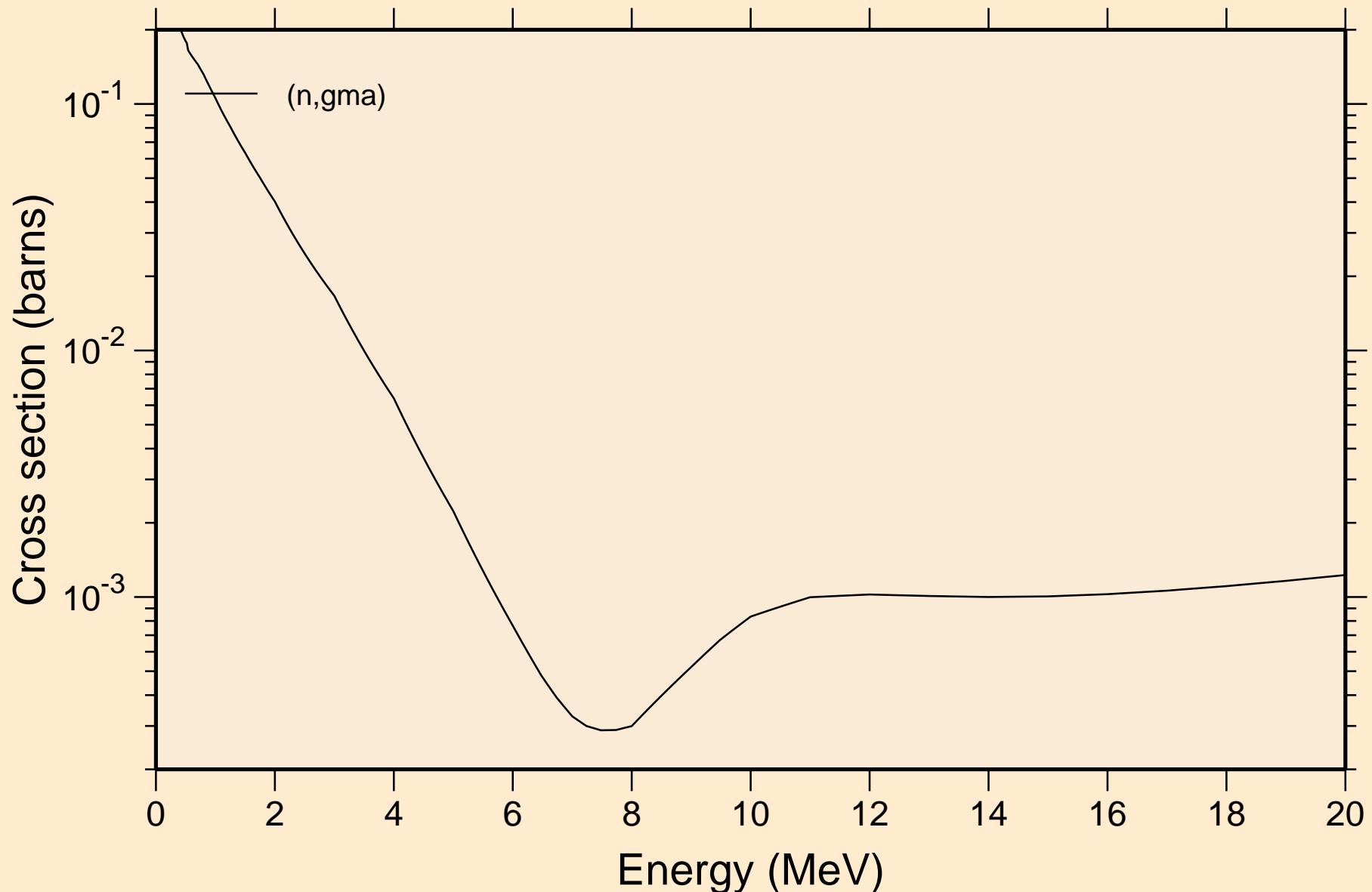
ENDF/B-VII PM-149  
Heating



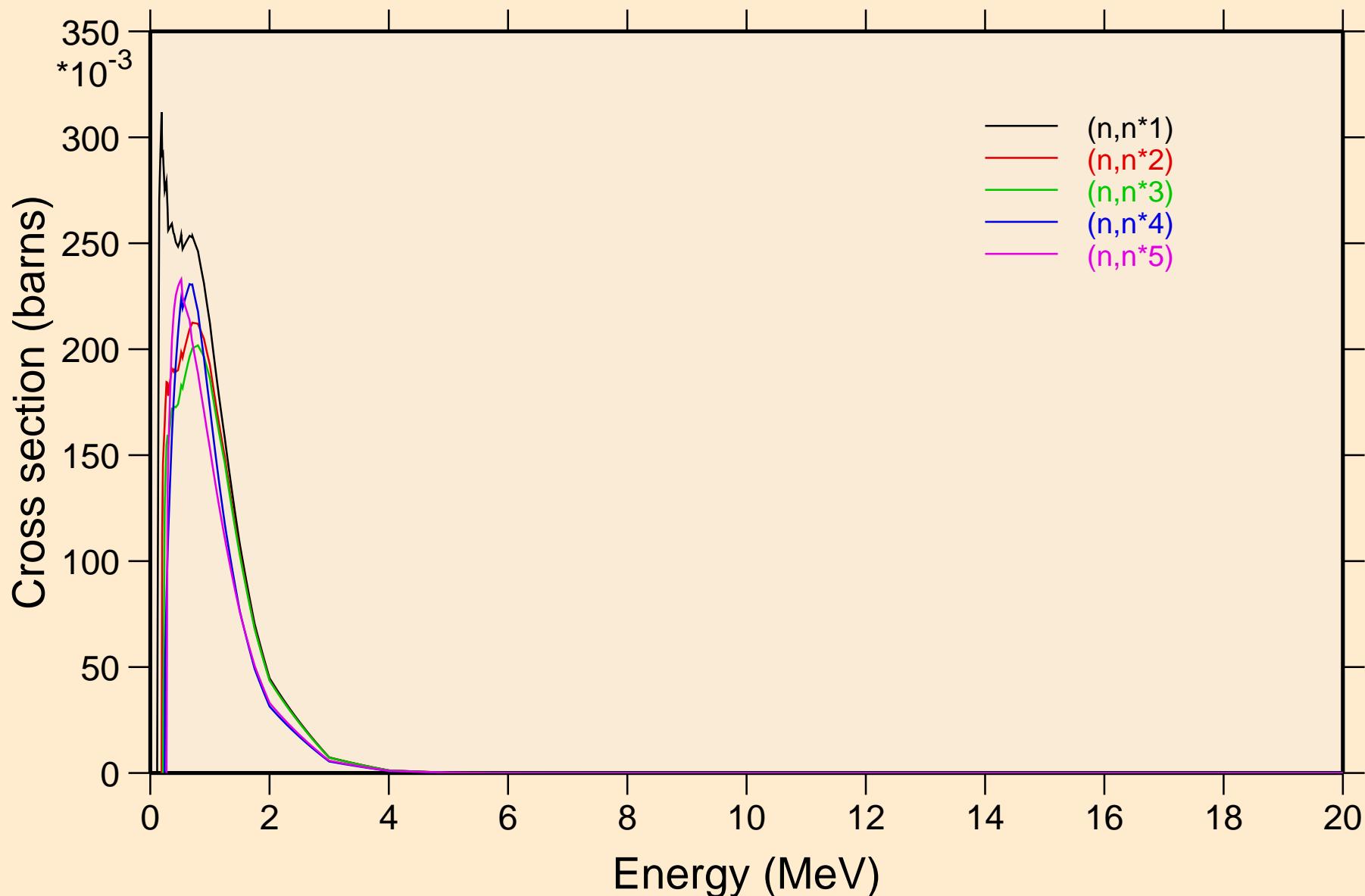
ENDF/B-VII PM-149  
Damage



ENDF/B-VII PM-149  
Non-threshold reactions

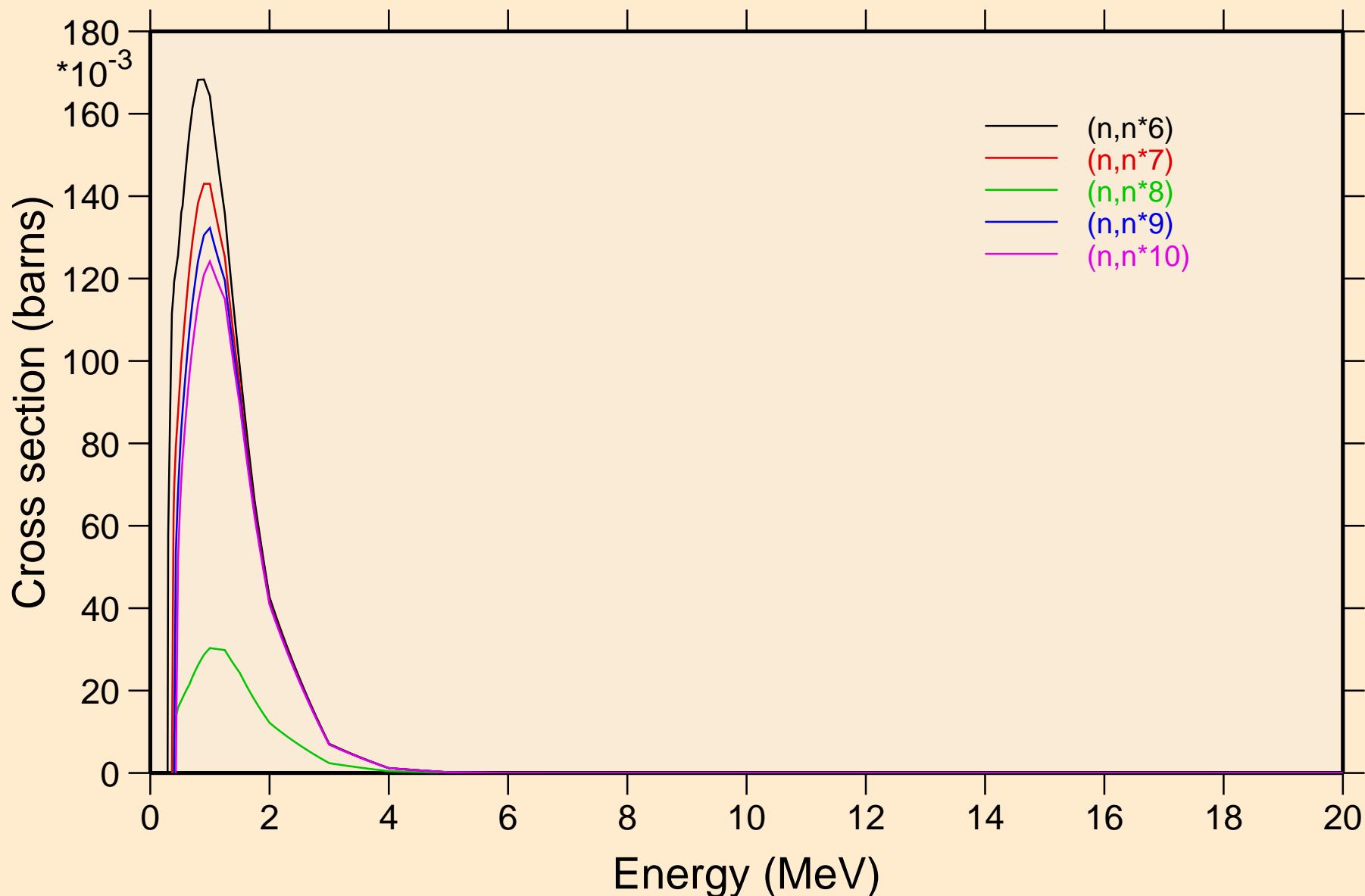


ENDF/B-VII PM-149  
Inelastic levels



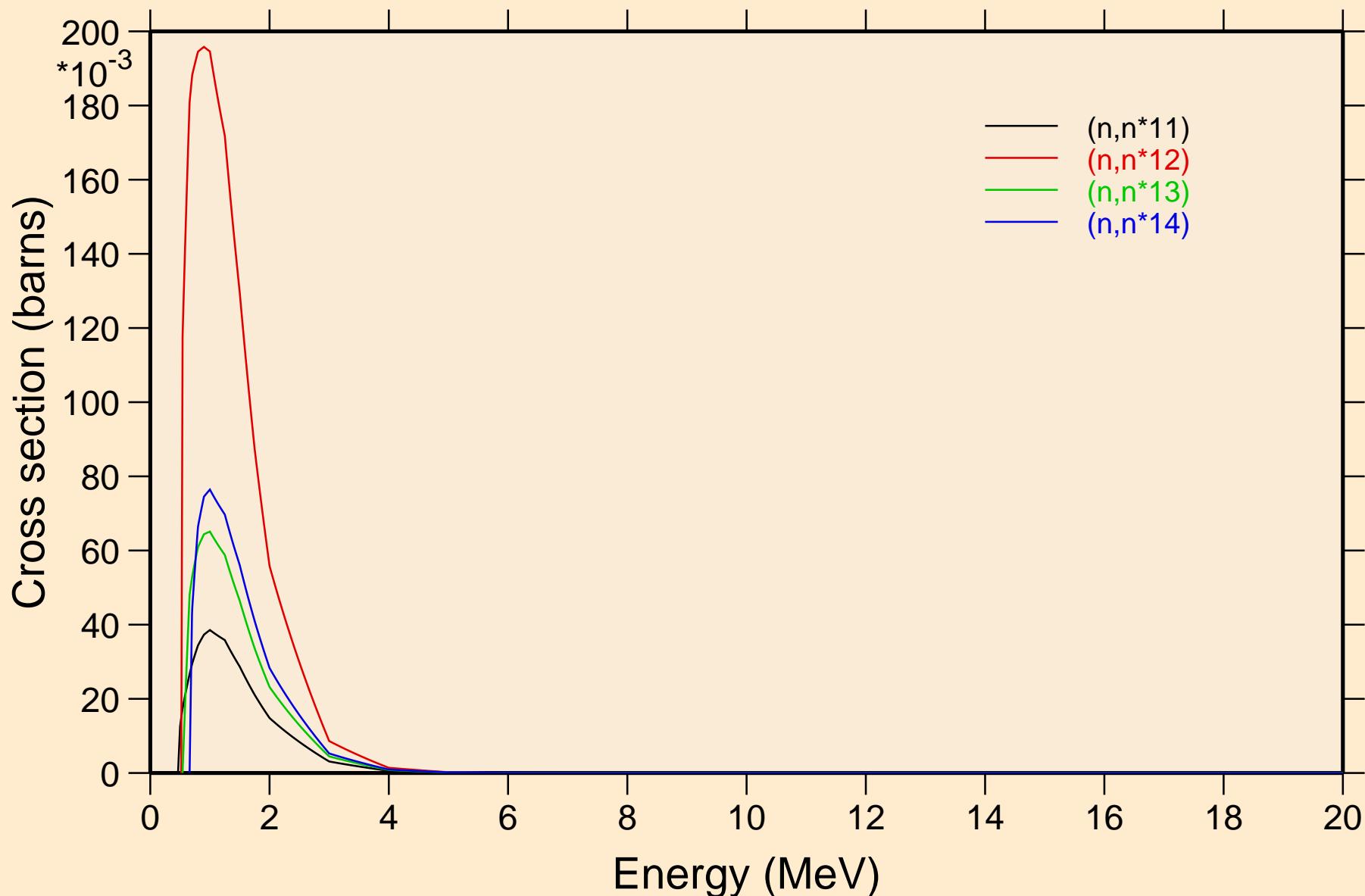
# ENDF/B-VII PM-149

## Inelastic levels

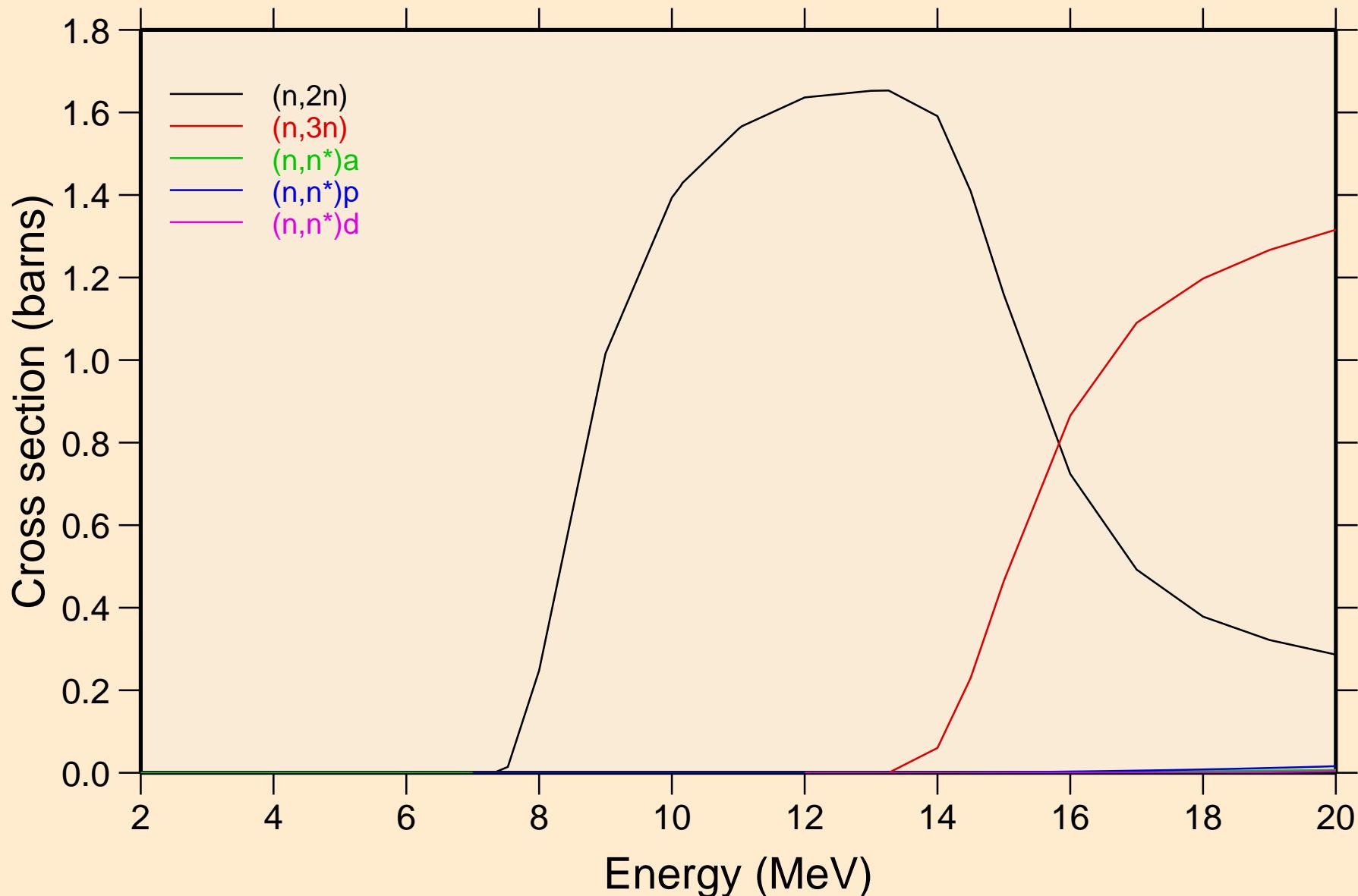


# ENDF/B-VII PM-149

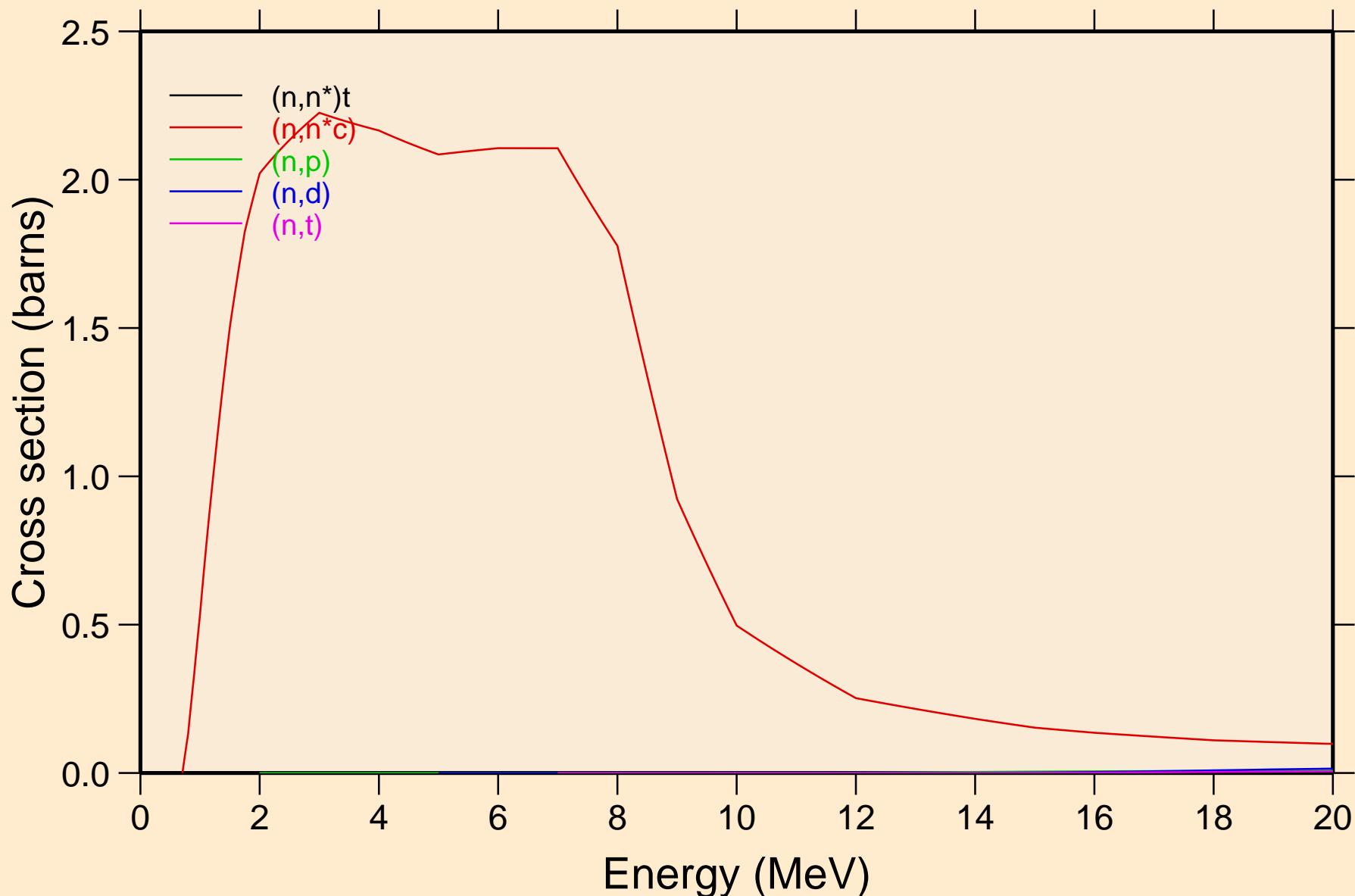
## Inelastic levels



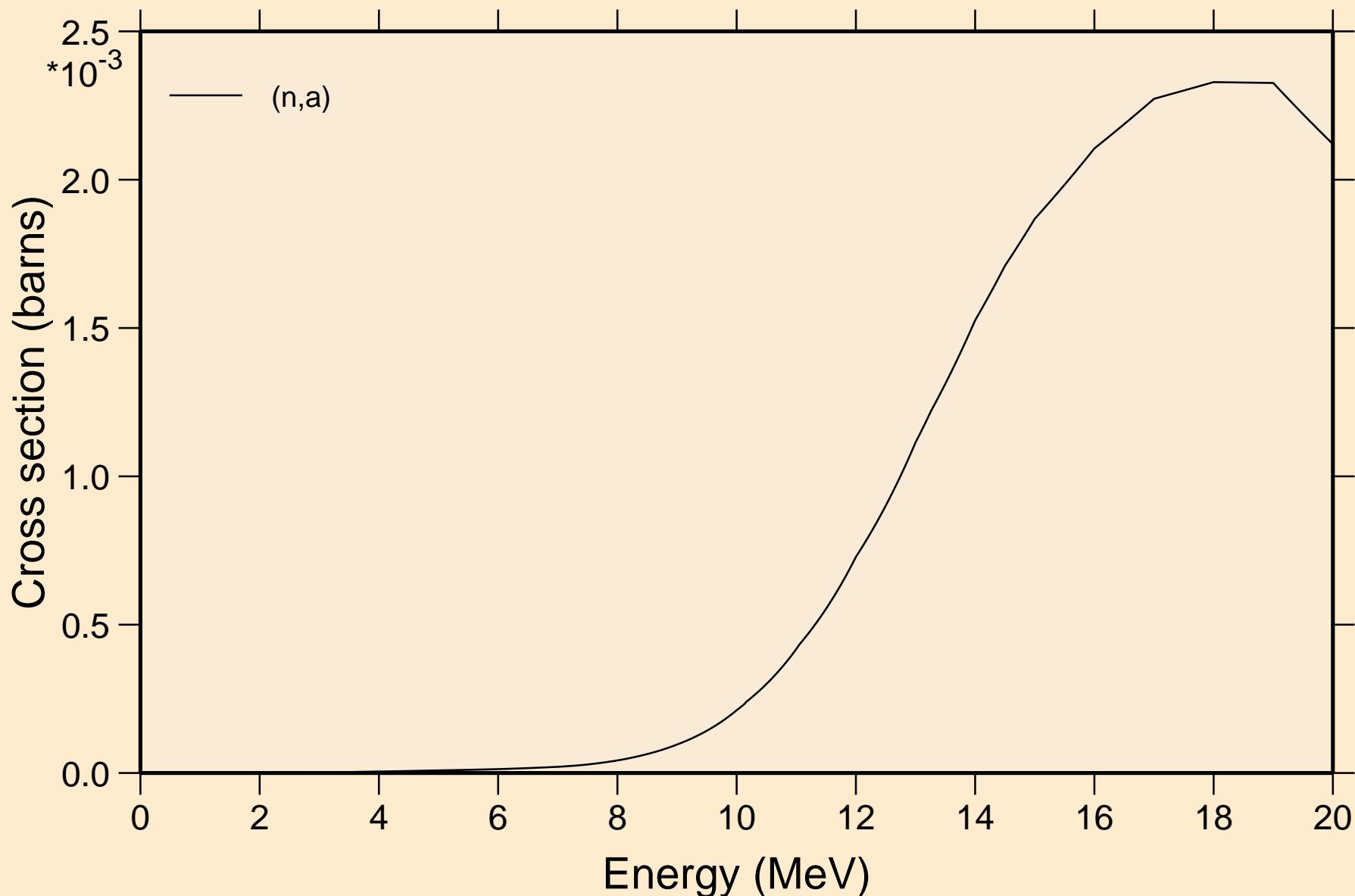
ENDF/B-VII PM-149  
Threshold reactions



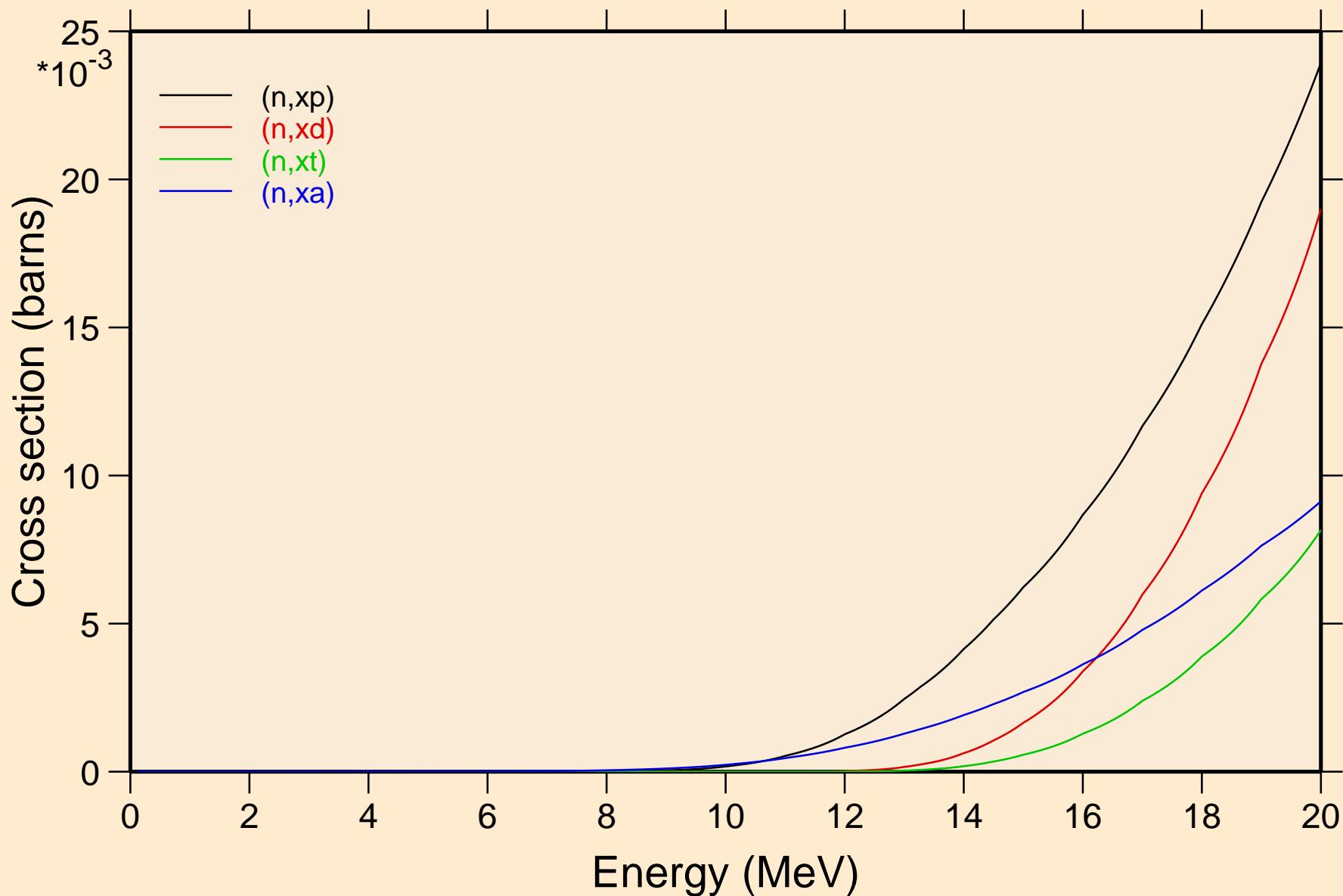
ENDF/B-VII PM-149  
Threshold reactions



ENDF/B-VII PM-149  
Threshold reactions

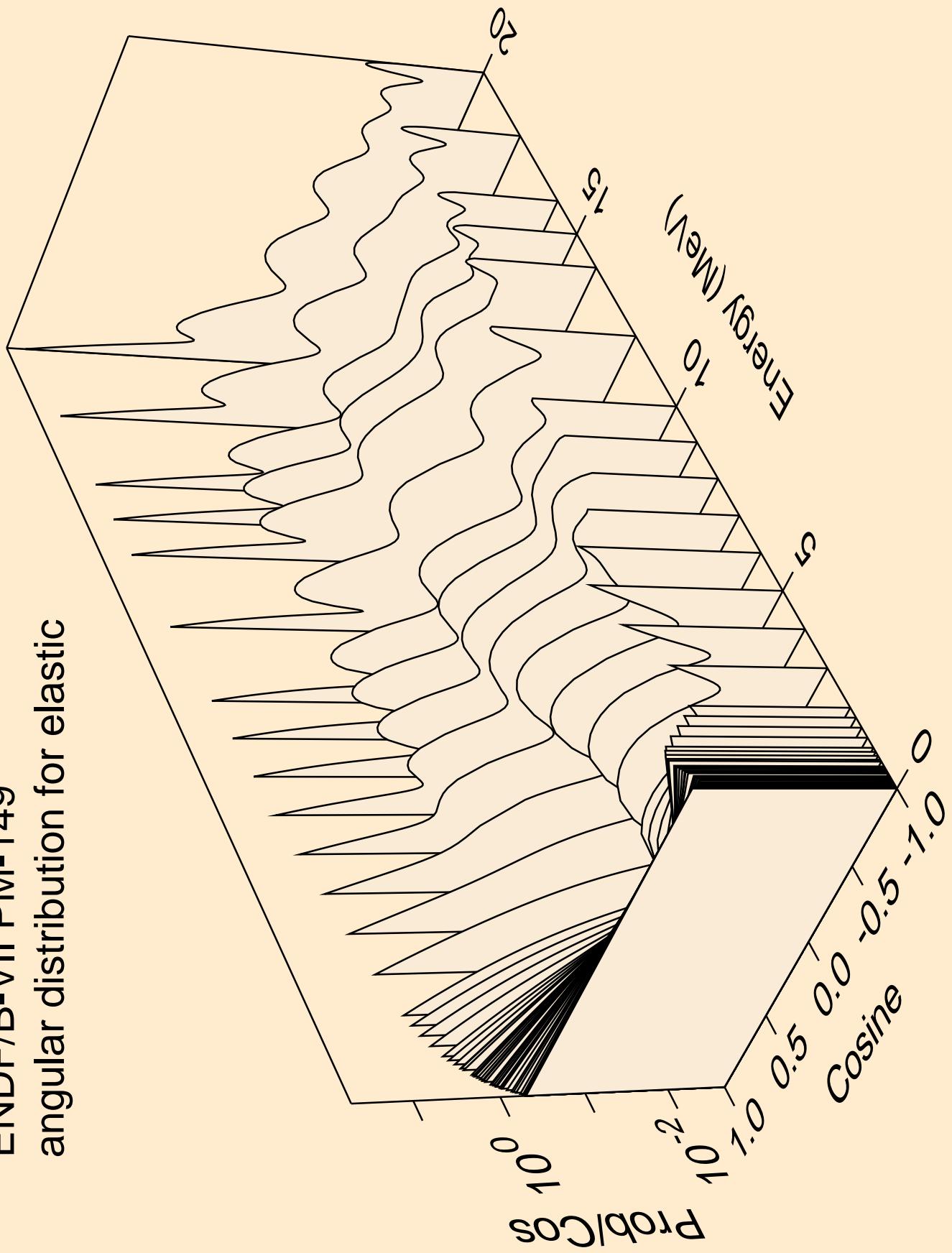


ENDF/B-VII PM-149  
Threshold reactions

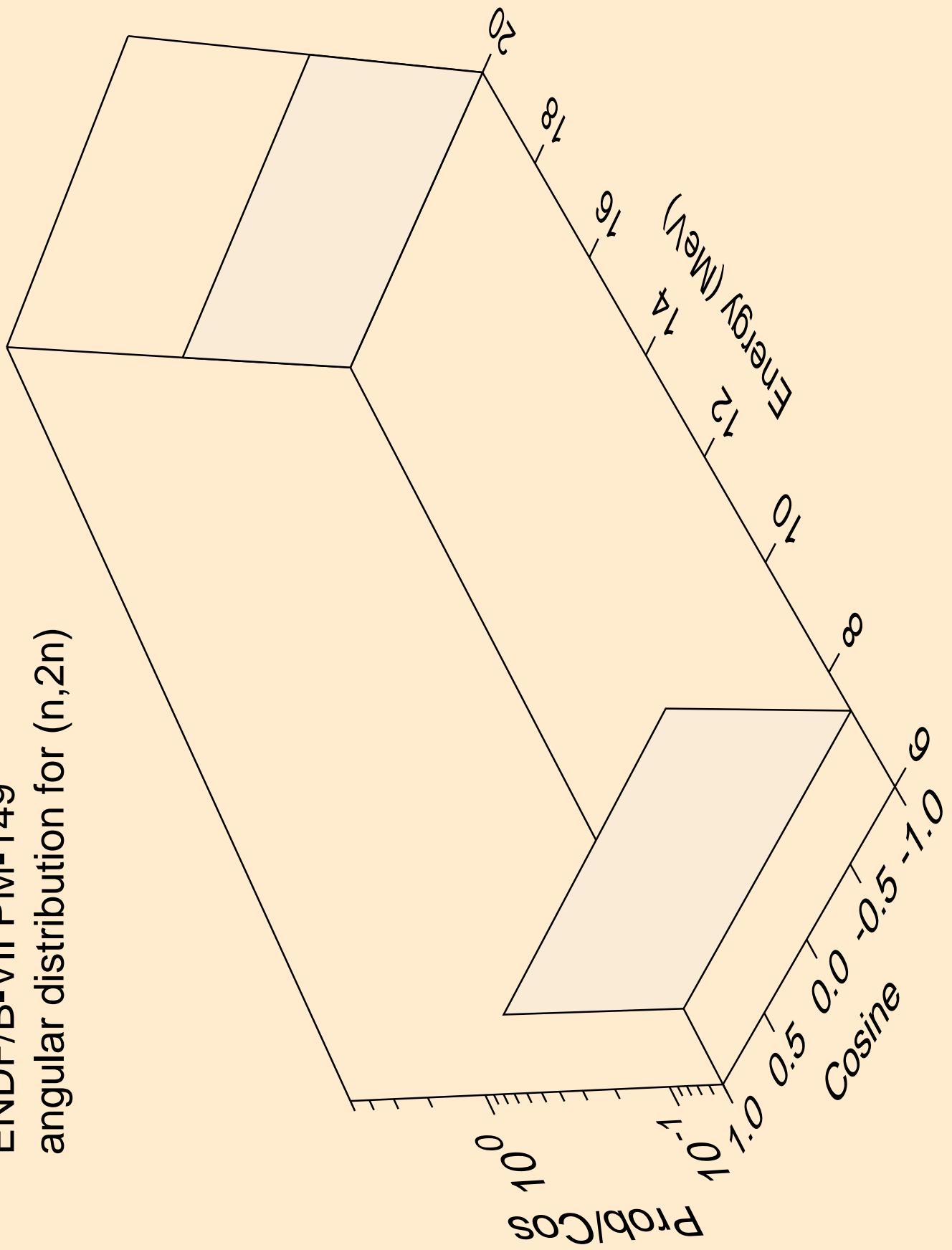


ENDF/B-VII PM-149

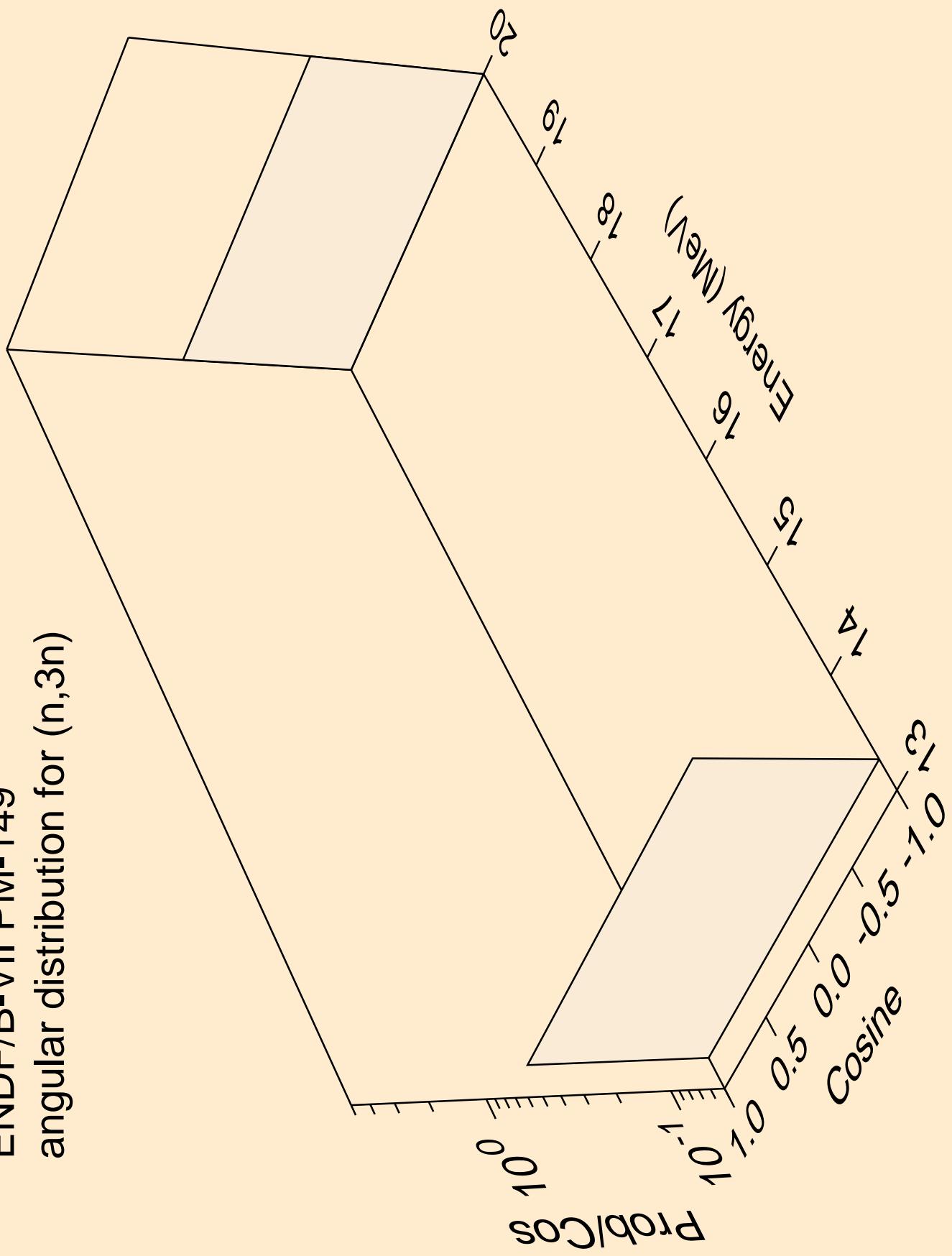
angular distribution for elastic



ENDF/B-VII PM-149  
angular distribution for (n,2n)

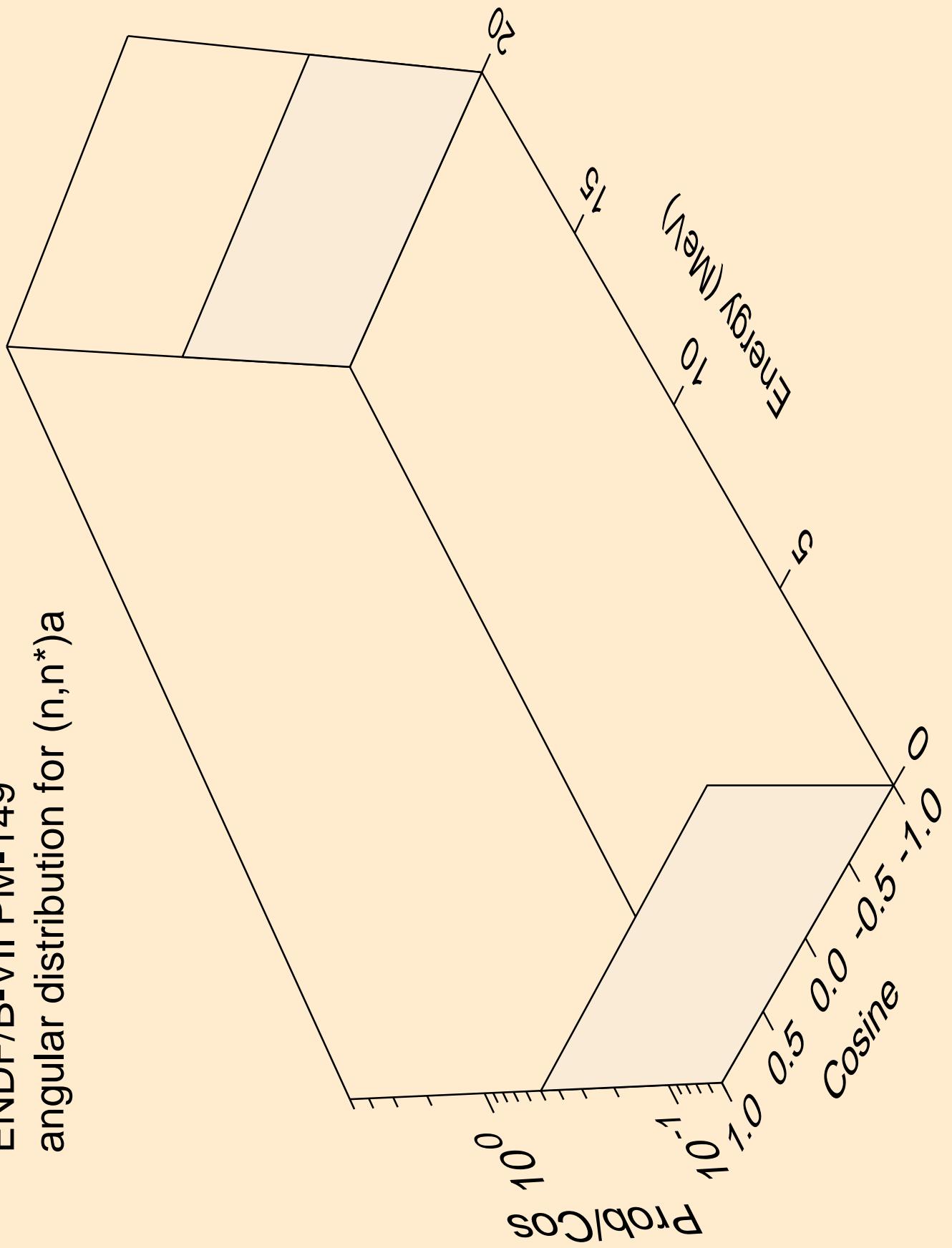


ENDF/B-VII PM-149  
angular distribution for (n,3n)



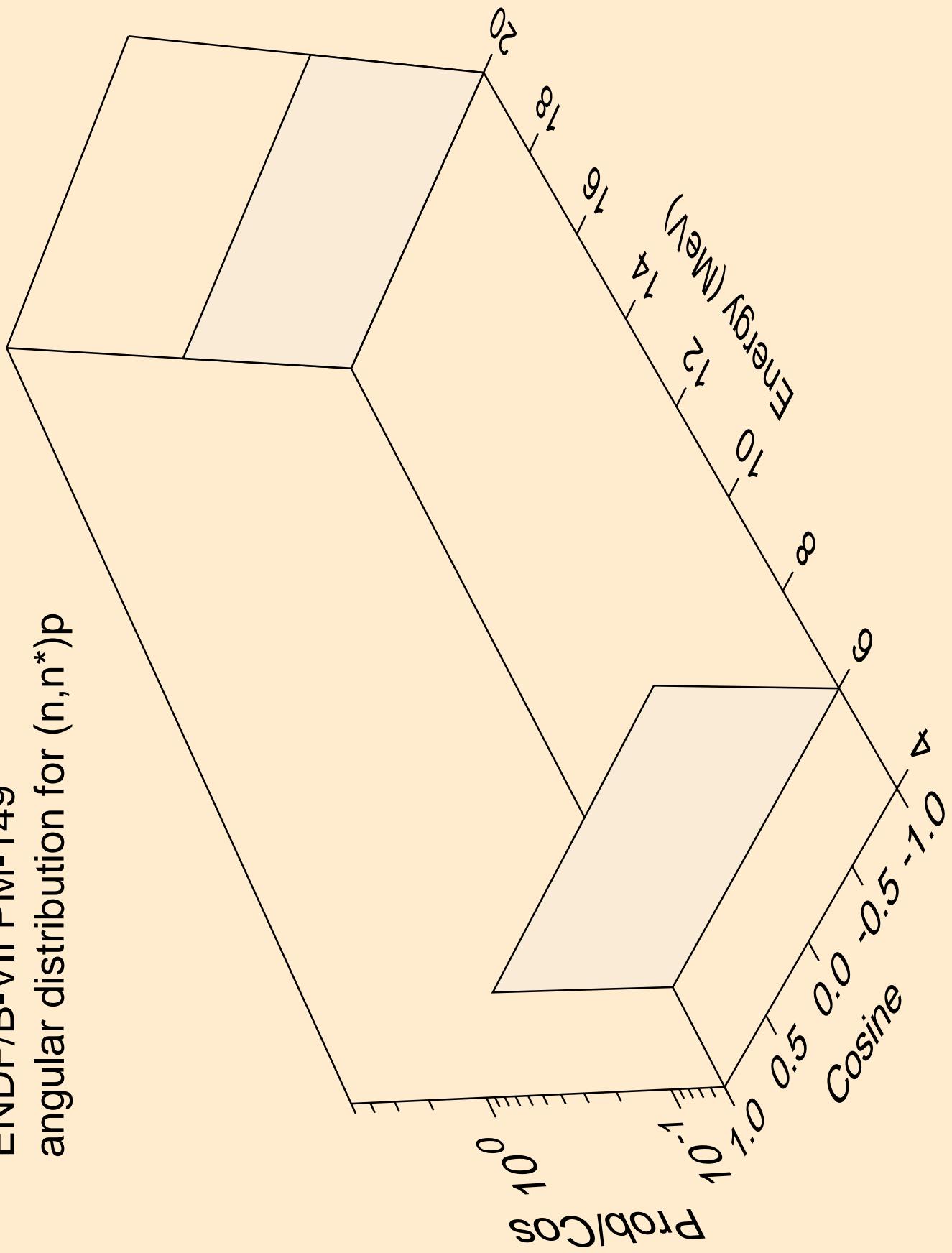
ENDF/B-VII PM-149

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



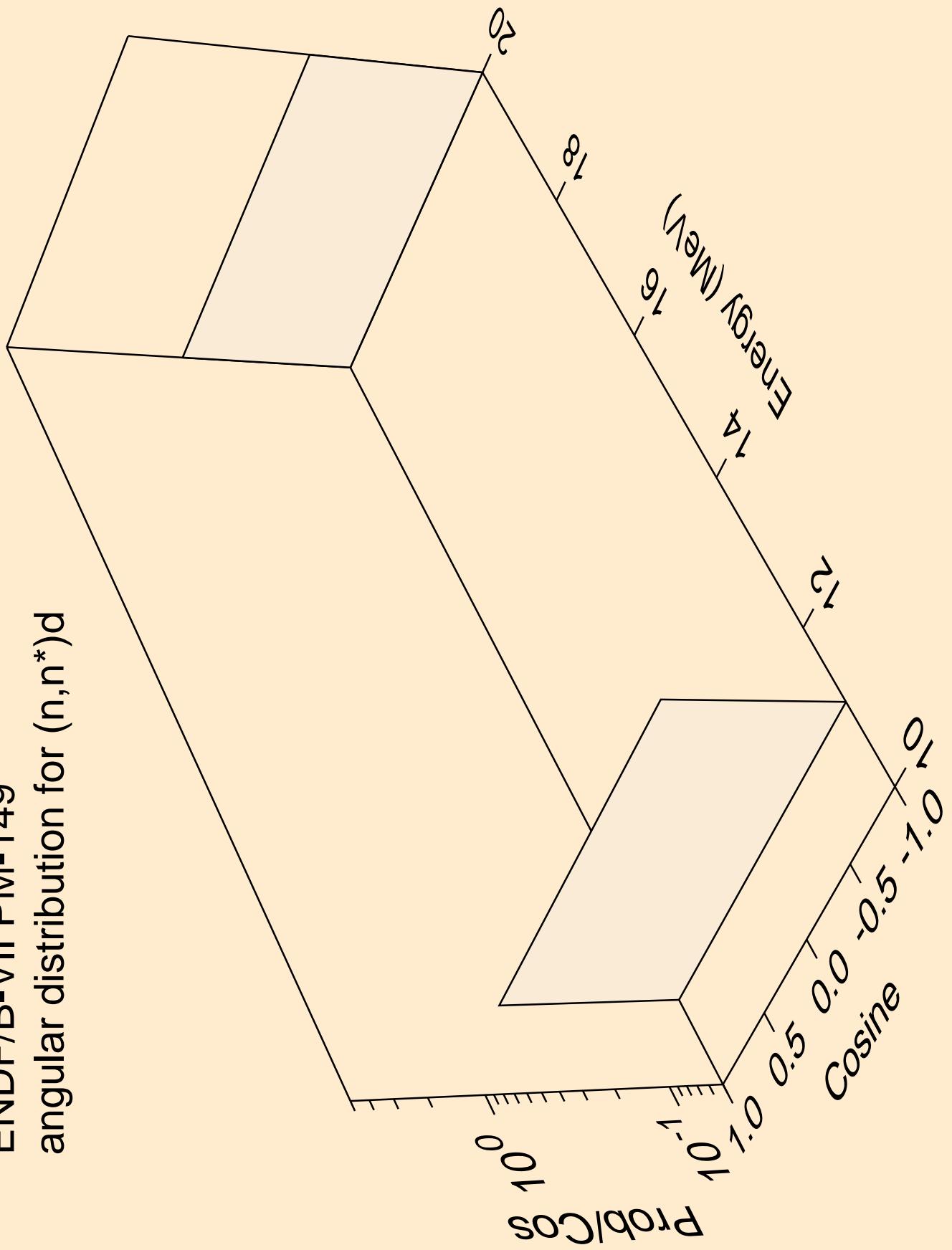
ENDF/B-VII PM-149

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

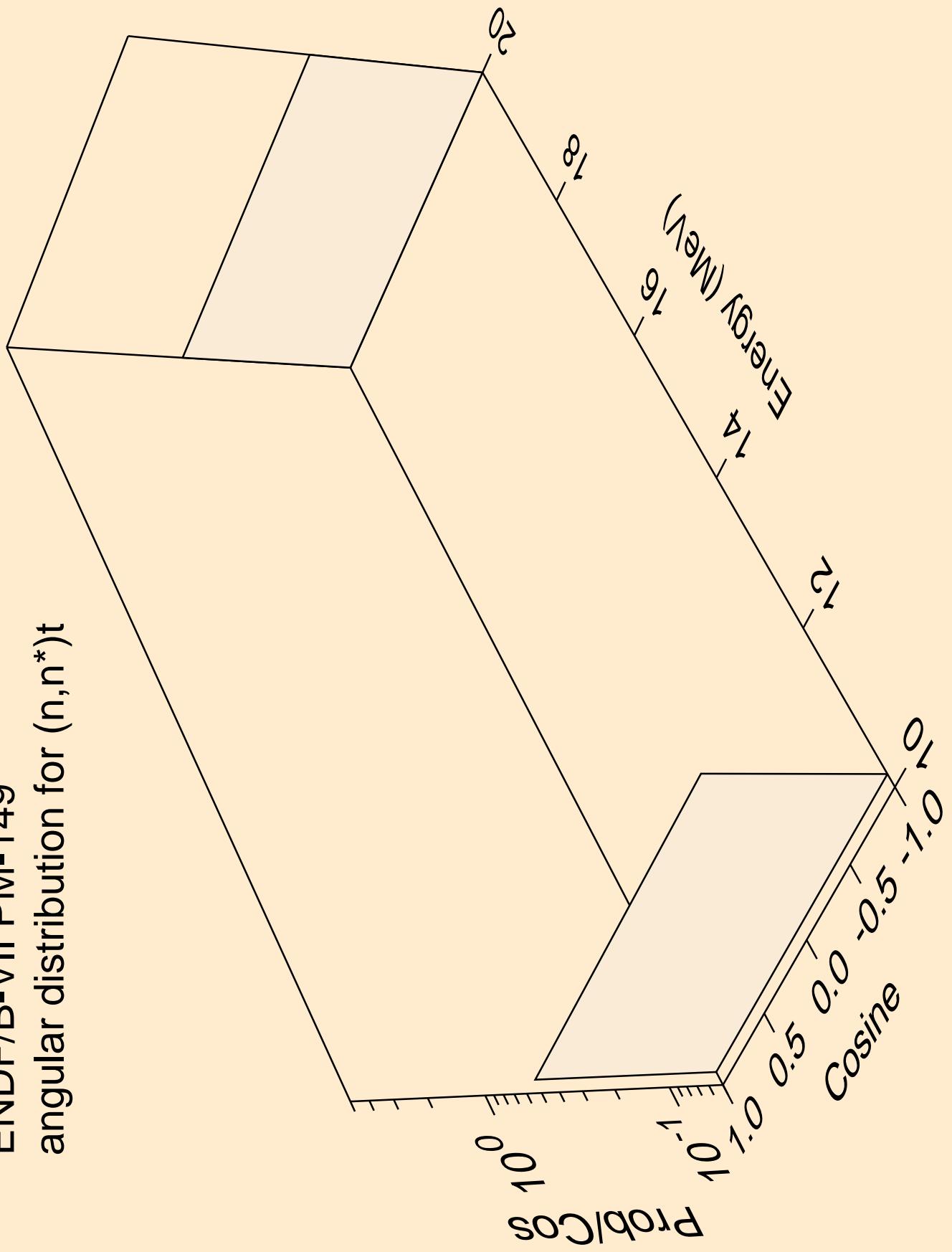


ENDF/B-VII PM-149

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



ENDF/B-VII PM-149  
angular distribution for  $(n,n^*)t$



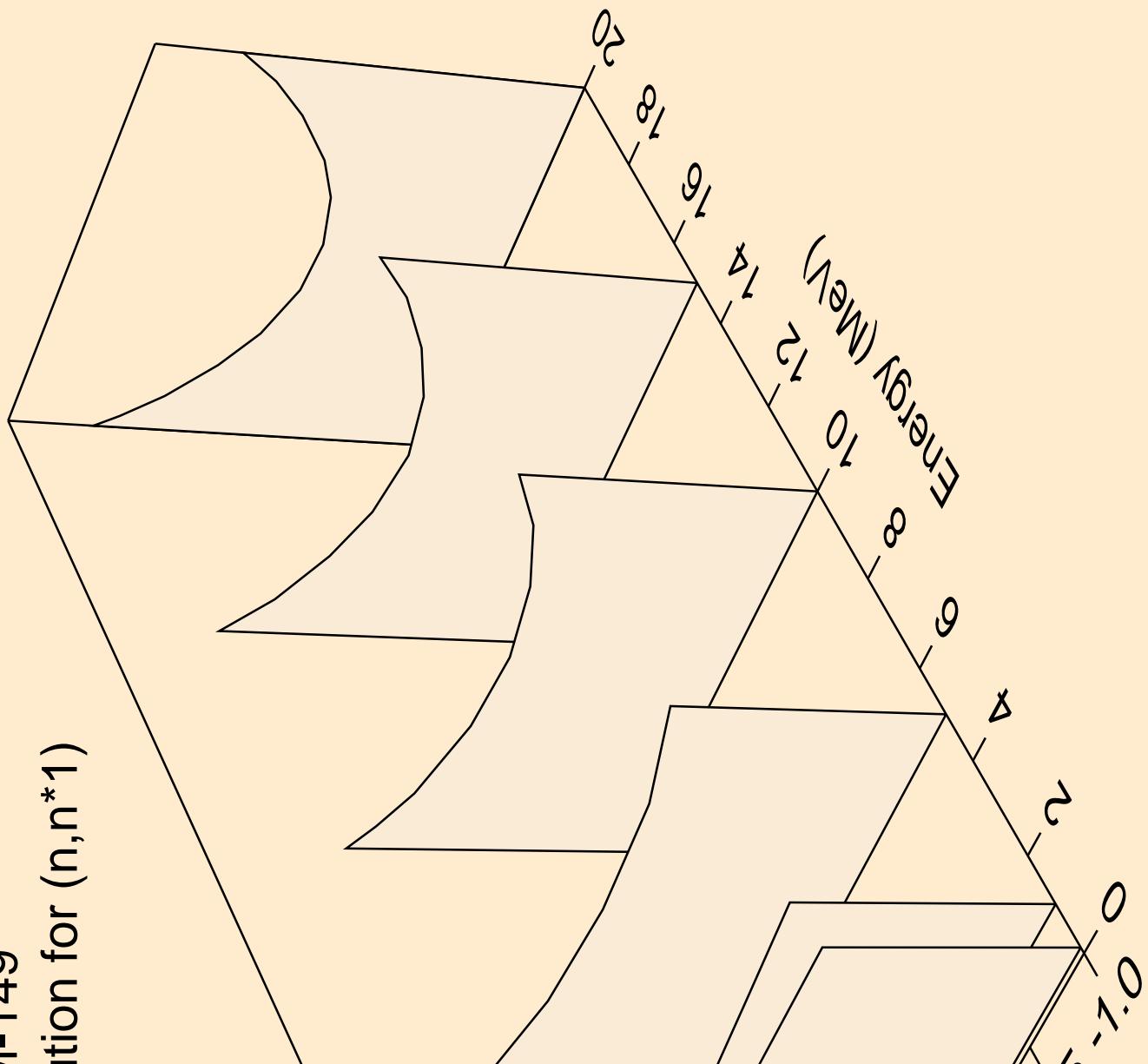
ENDF/B-VII PM-149

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



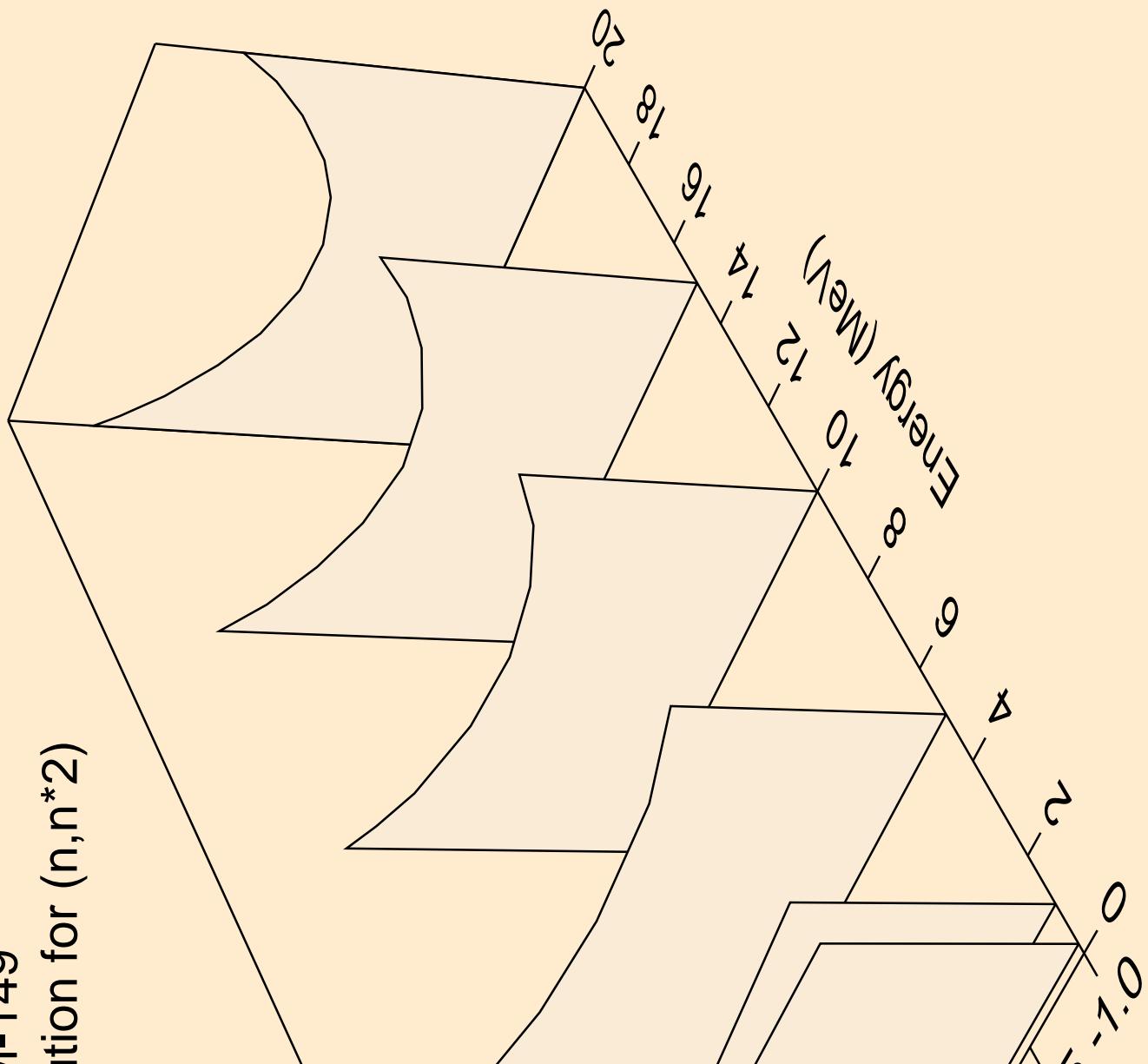
ENDF/B-VII PM-149

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



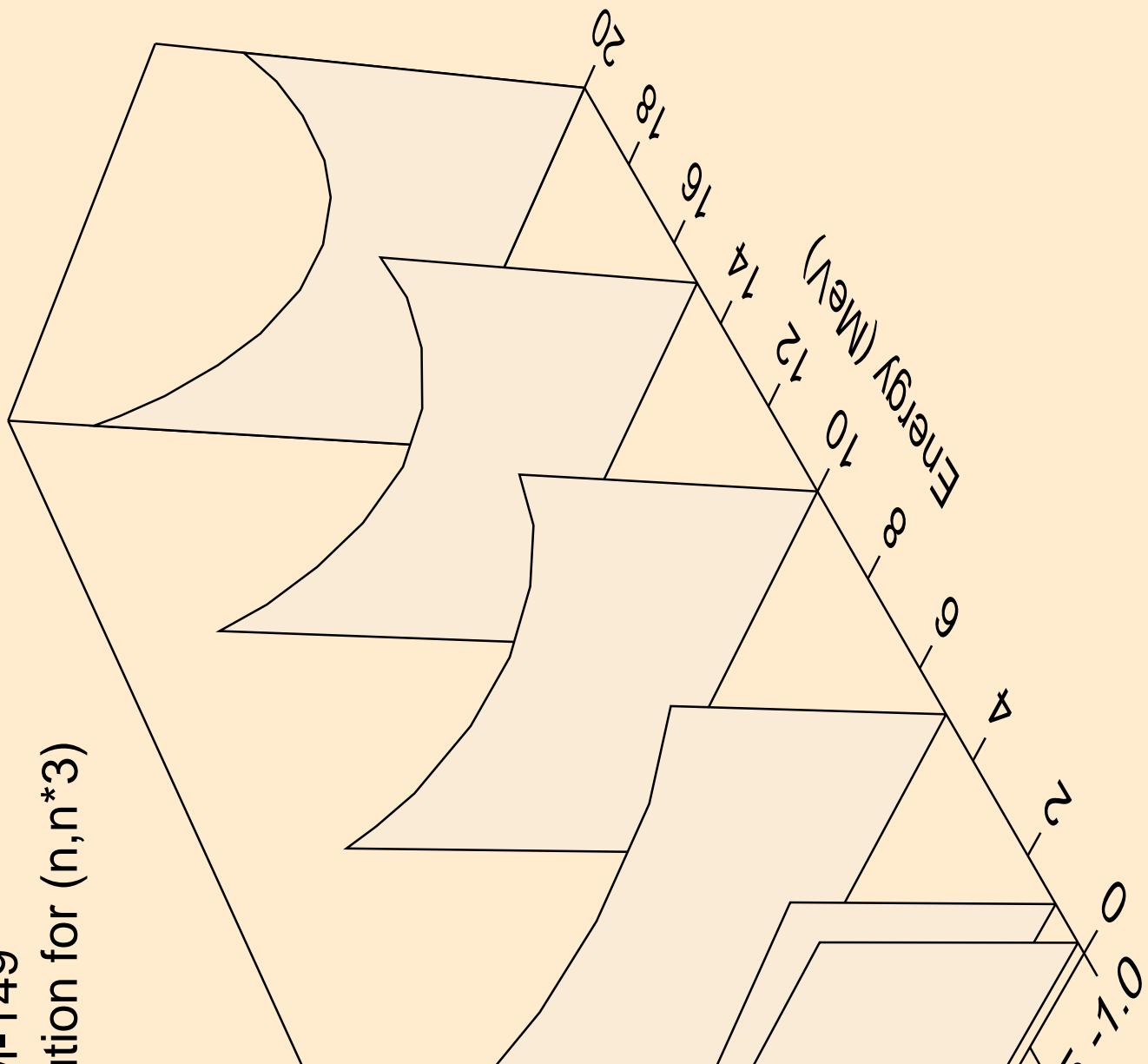
ENDF/B-VII PM-149

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



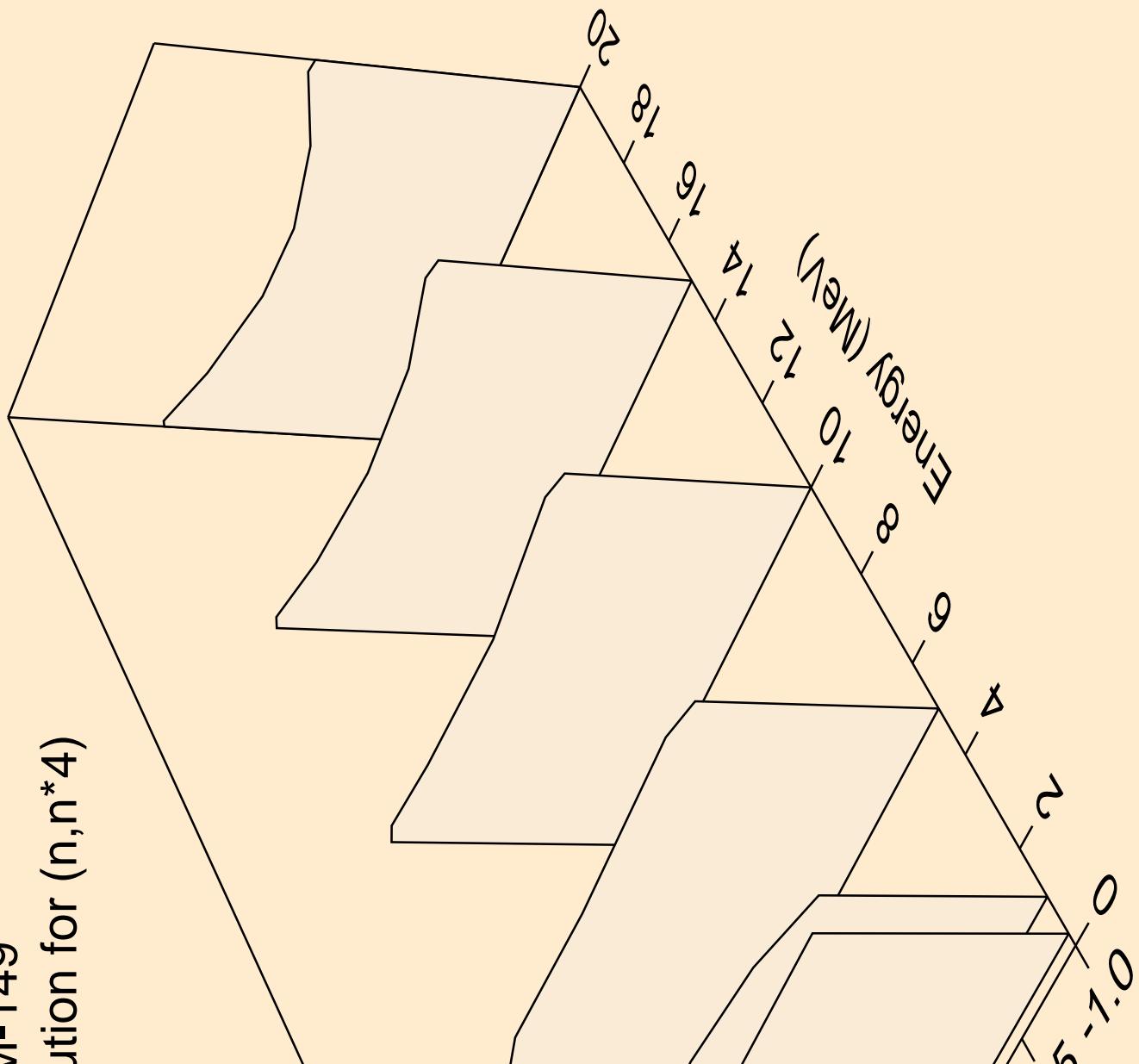
ENDF/B-VII PM-149

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



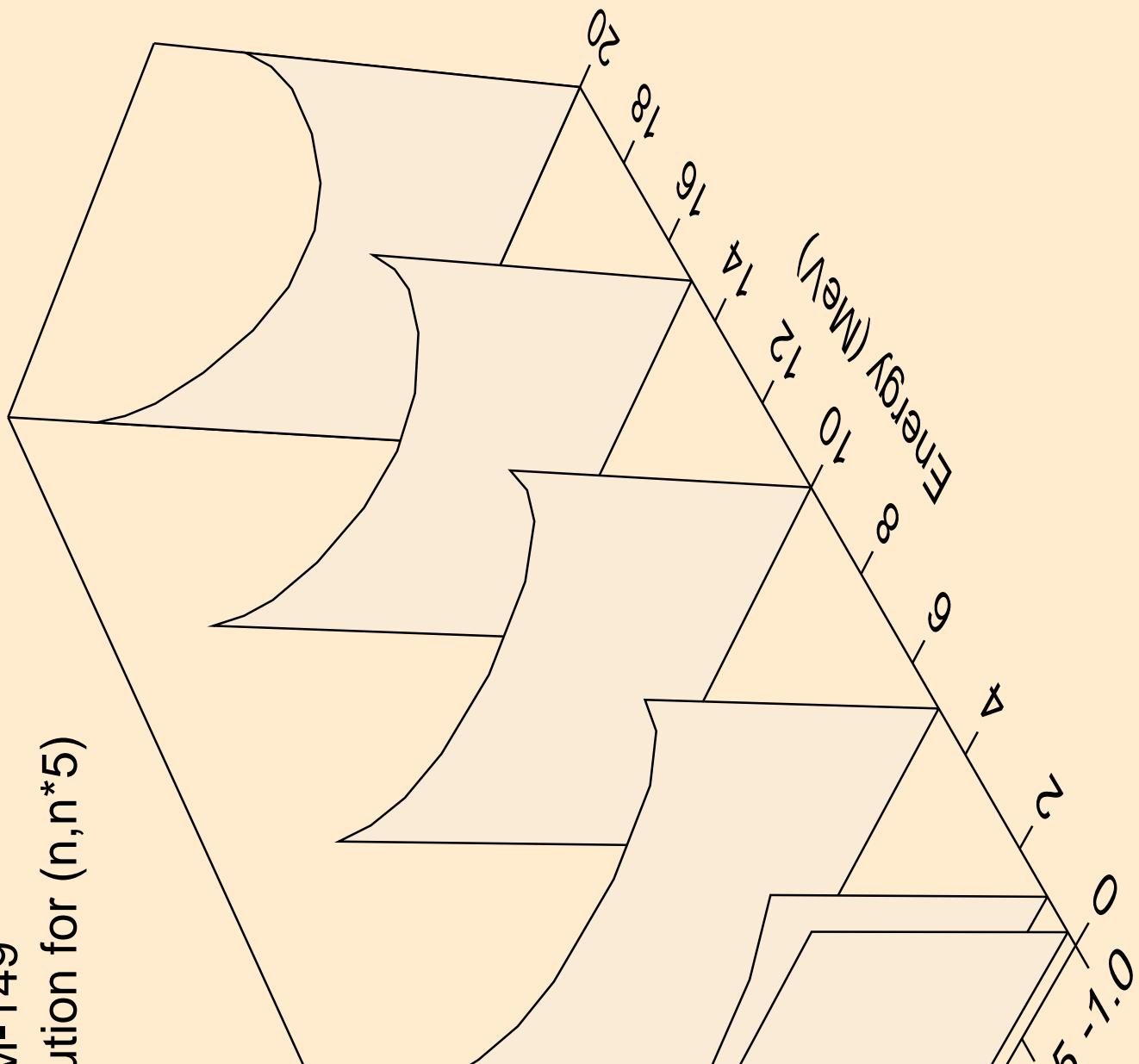
ENDF/B-VII PM-149

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



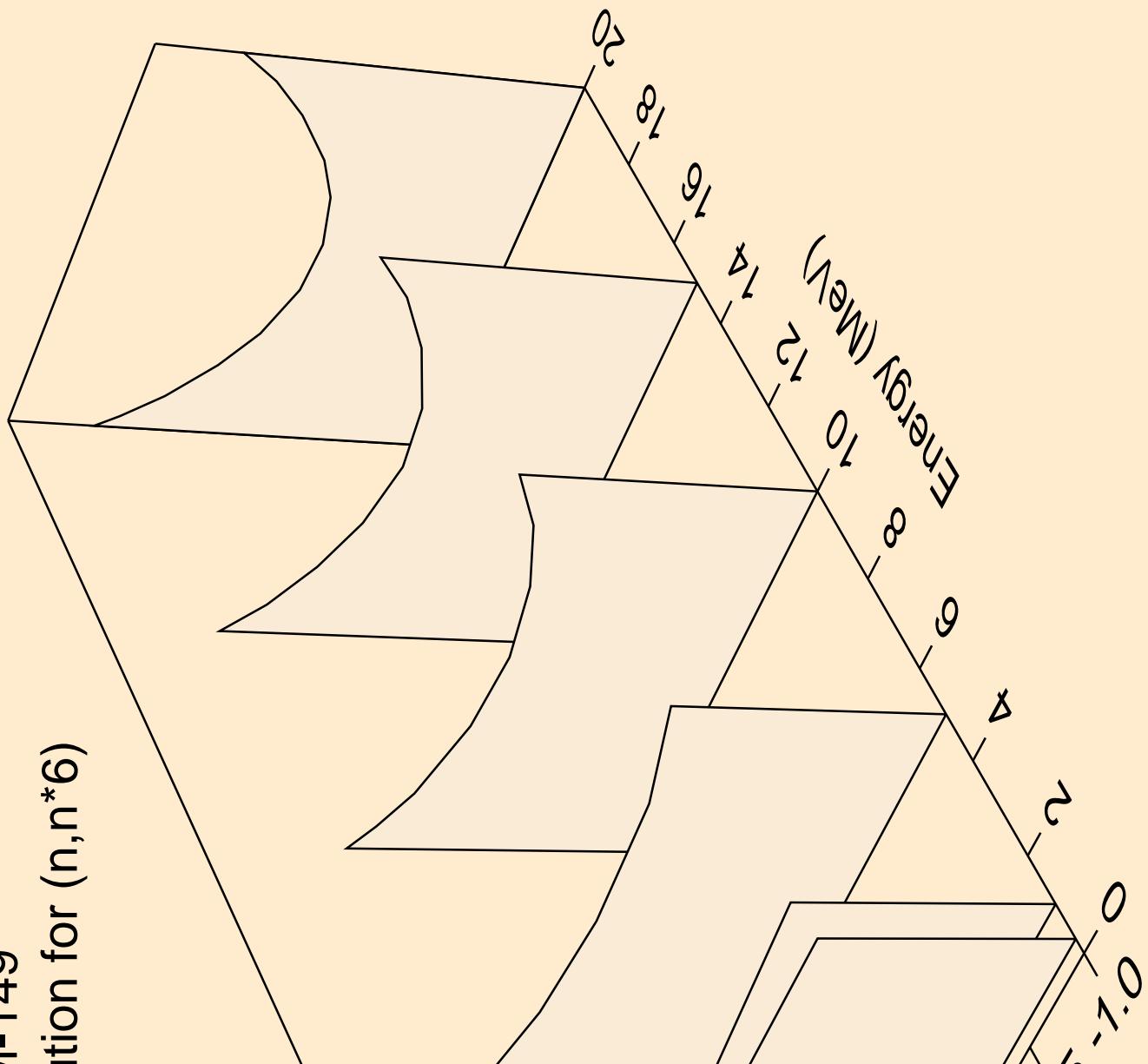
ENDF/B-VII PM-149

angular distribution for  $(n,n^*6)$

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII PM-149

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

20  
18  
16  
14  
12  
10  
Energ (MeV)

8  
6  
4  
2  
0

20  
18  
16  
14  
12  
10  
Energ (MeV)

8  
6  
4  
2  
0

20  
18  
16  
14  
12  
10  
Energ (MeV)

8  
6  
4  
2  
0

20  
18  
16  
14  
12  
10  
Energ (MeV)

8  
6  
4  
2  
0

20  
18  
16  
14  
12  
10  
Energ (MeV)

8  
6  
4  
2  
0

20  
18  
16  
14  
12  
10  
Energ (MeV)

8  
6  
4  
2  
0

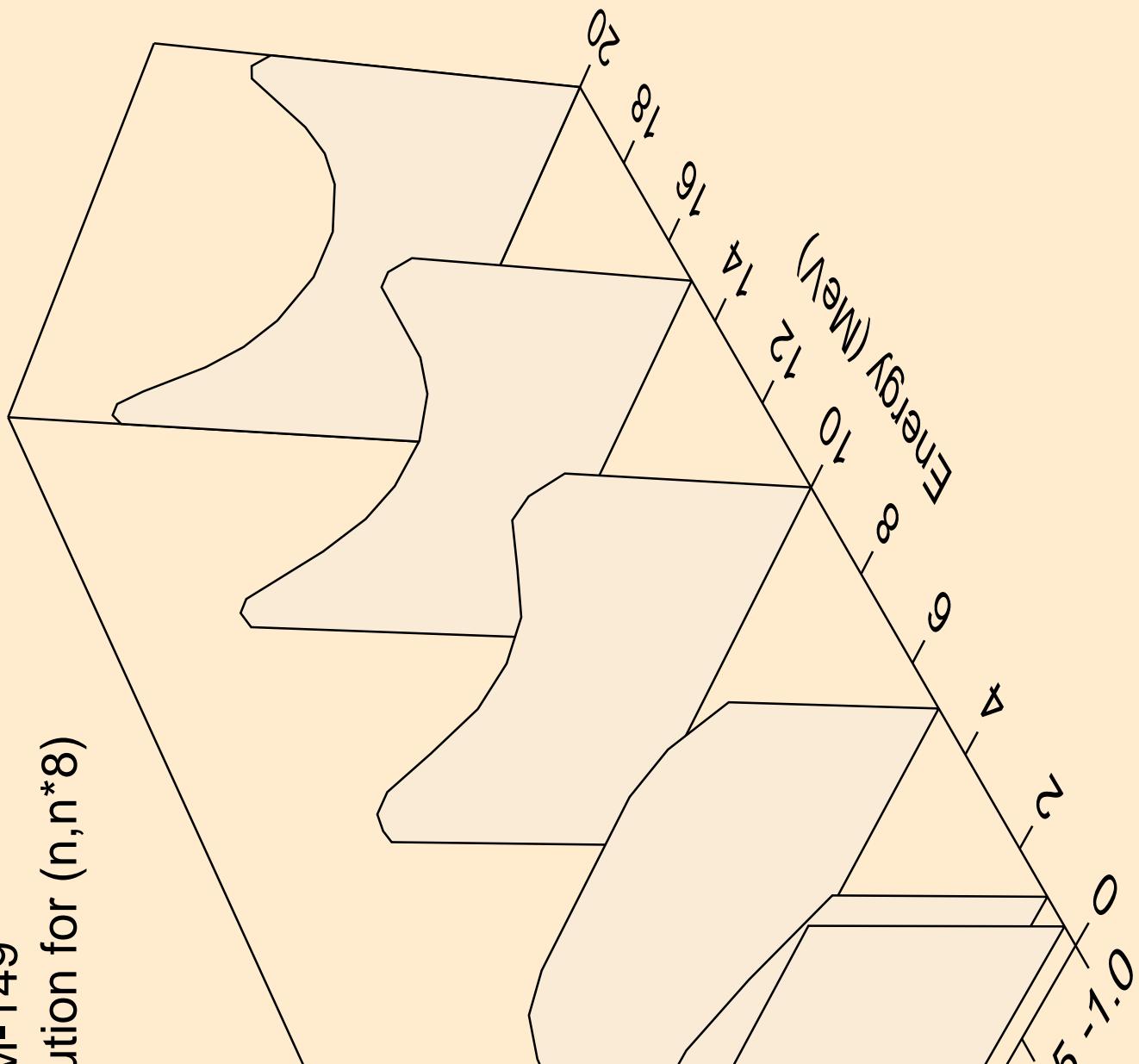
ENDF/B-VII PM-149

angular distribution for ( $n,n^*$ )<sup>8</sup>

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII PM-149

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

20  
18  
16  
14  
12  
10  
Energ (MeV)

8  
6  
4  
2  
0

20  
18  
16  
14  
12  
10  
Energ (MeV)

8  
6  
4  
2  
0

20  
18  
16  
14  
12  
10  
Energ (MeV)

8  
6  
4  
2  
0

20  
18  
16  
14  
12  
10  
Energ (MeV)

8  
6  
4  
2  
0

20  
18  
16  
14  
12  
10  
Energ (MeV)

8  
6  
4  
2  
0

ENDF/B-VII PM-149

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

20  
18  
16  
14  
12  
10  
Energ (MeV)

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII PM-149

angular distribution for (n,n\*11)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

20  
18  
16  
14  
12  
10  
Energ (MeV)

8  
6  
4  
2  
0

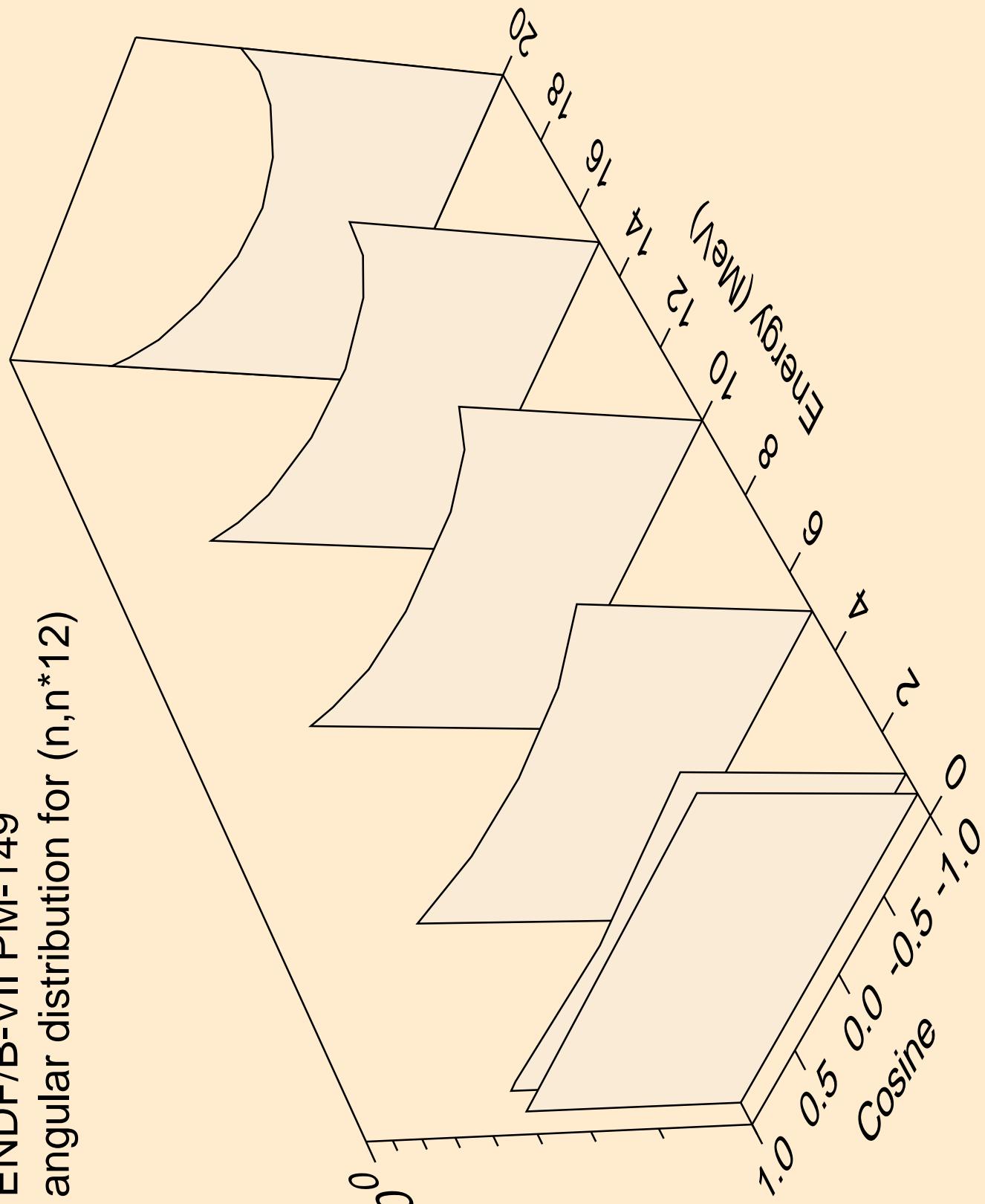
ENDF/B-VII PM-149

angular distribution for (n,n\*12)

$10^0$

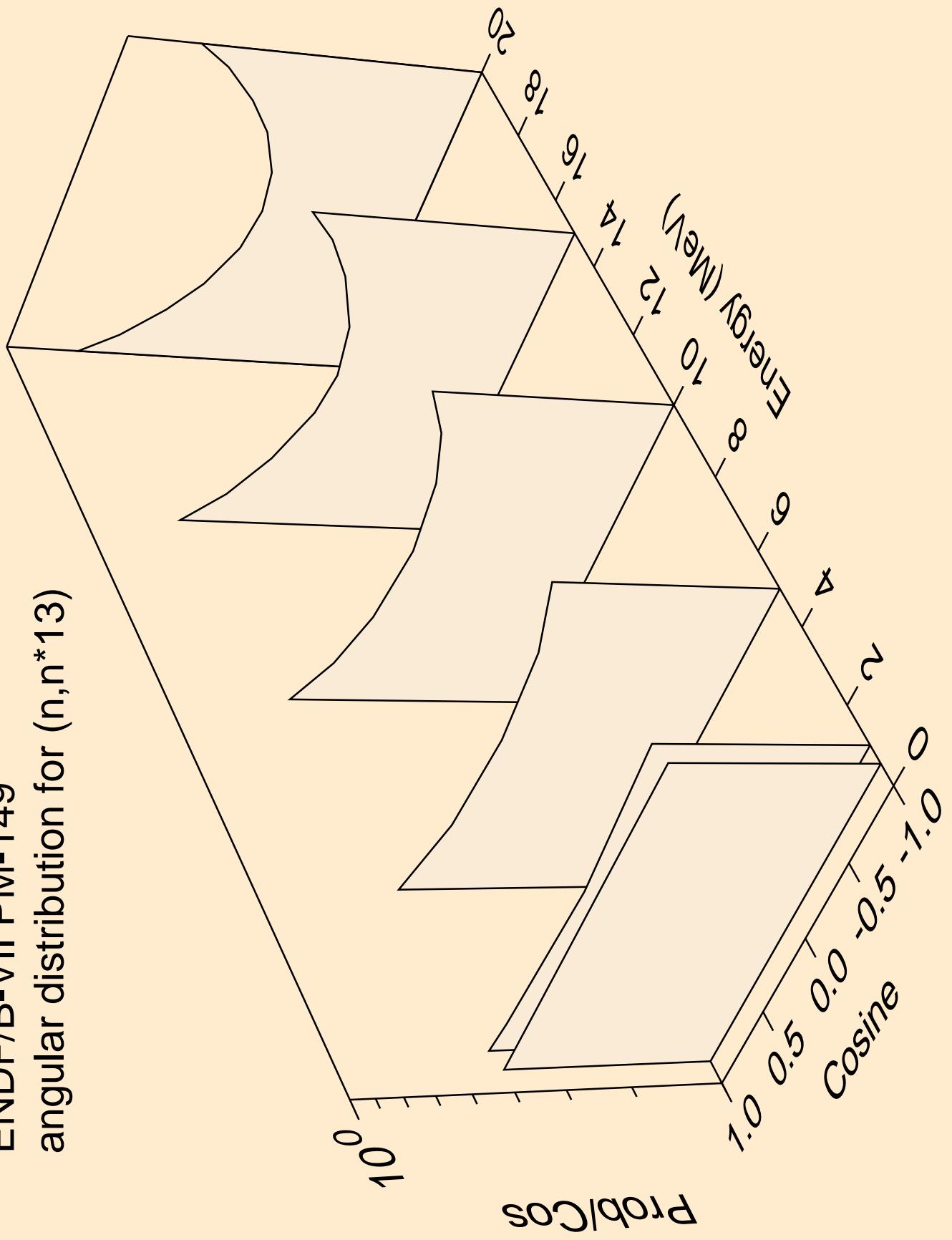
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII PM-149

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



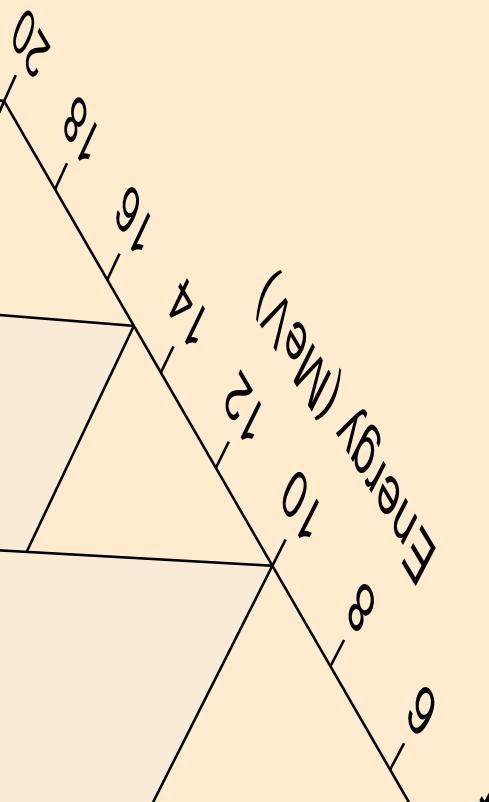
ENDF/B-VII PM-149

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

$10^0$

Prob/Cos

1.0  
0.5  
0.0  
-0.5  
-1.0  
Cosine



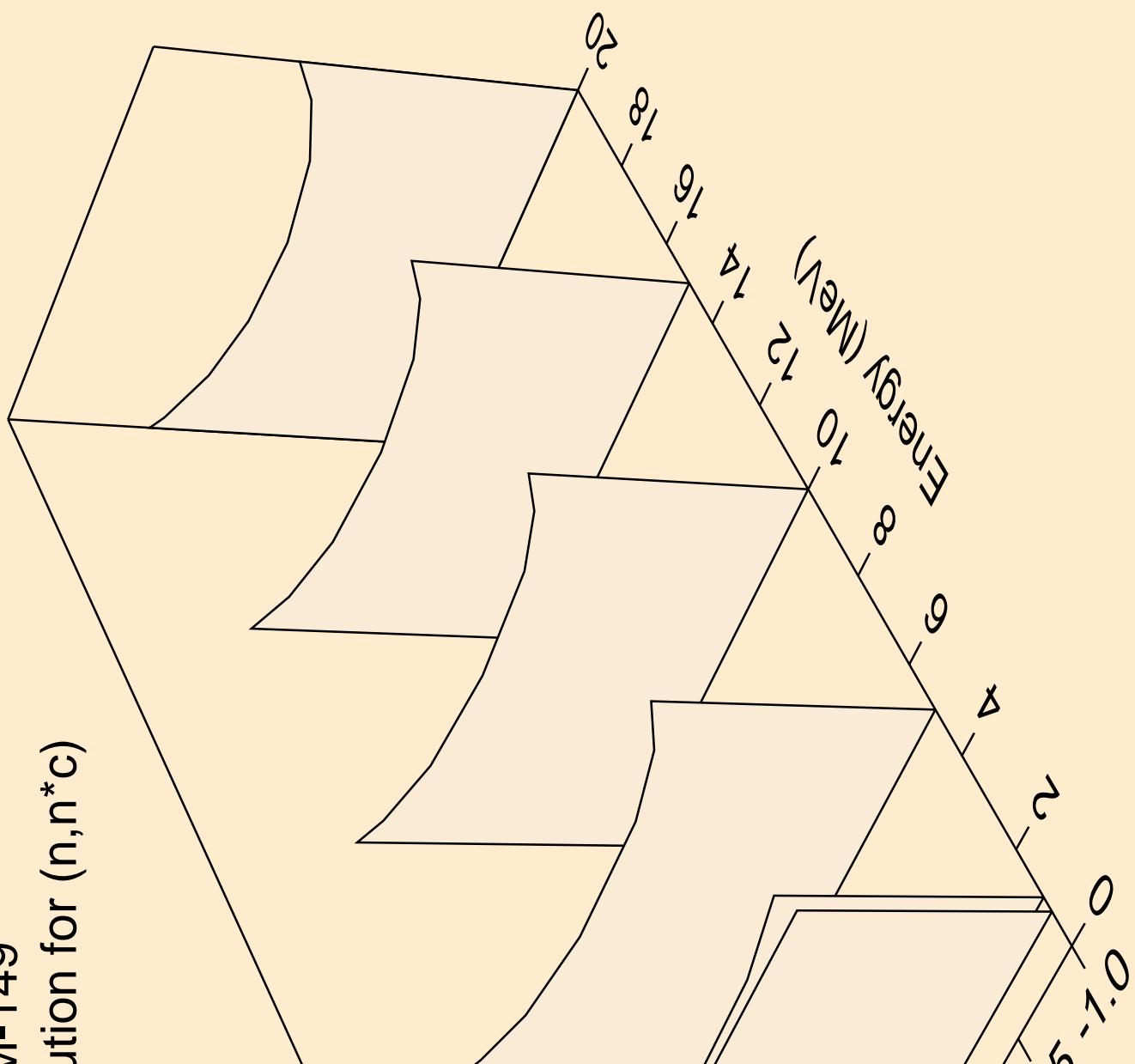
ENDF/B-VII PM-149

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

$10^0$

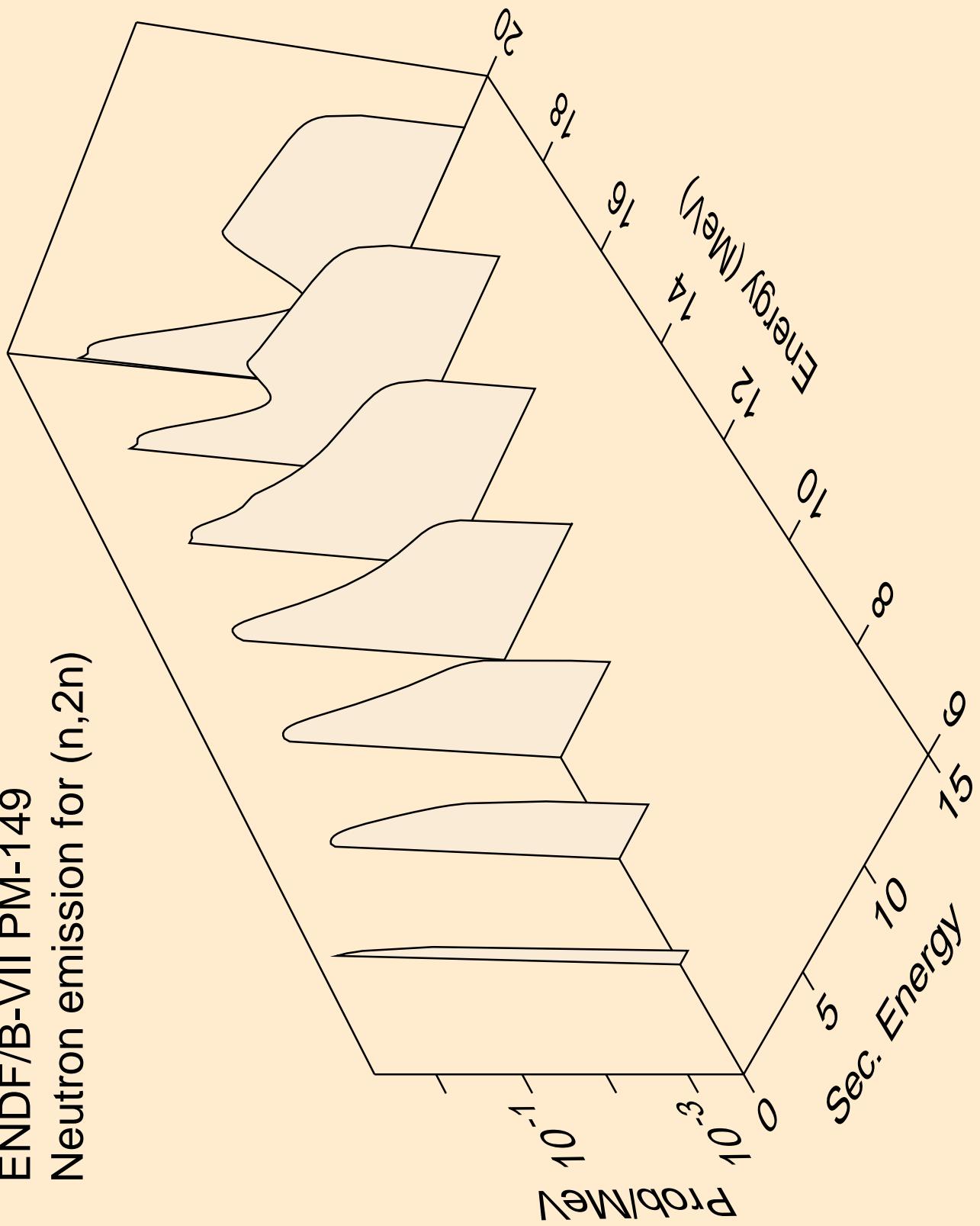
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



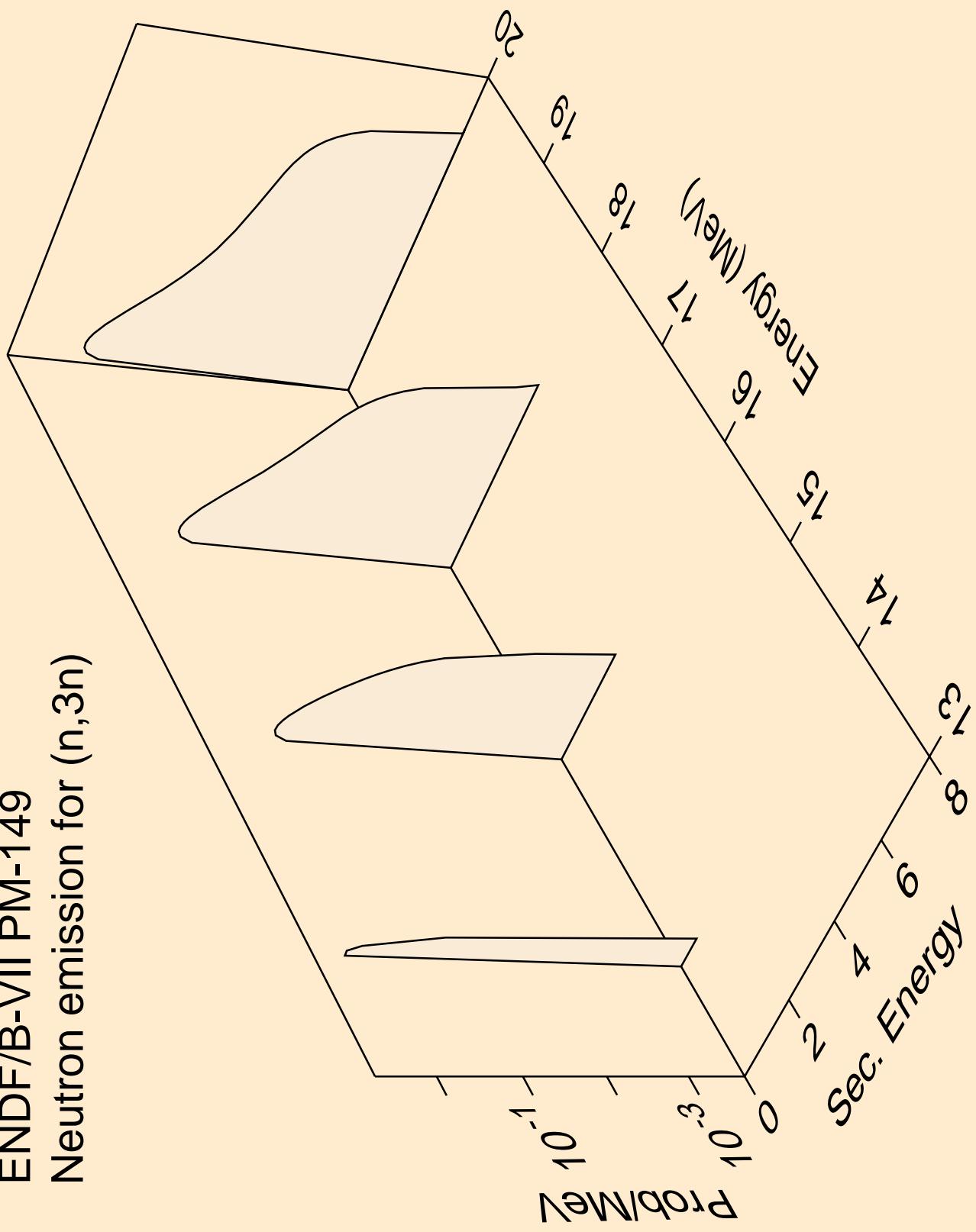
ENDF/B-VII PM-149

## Neutron emission for $(n,2n)$



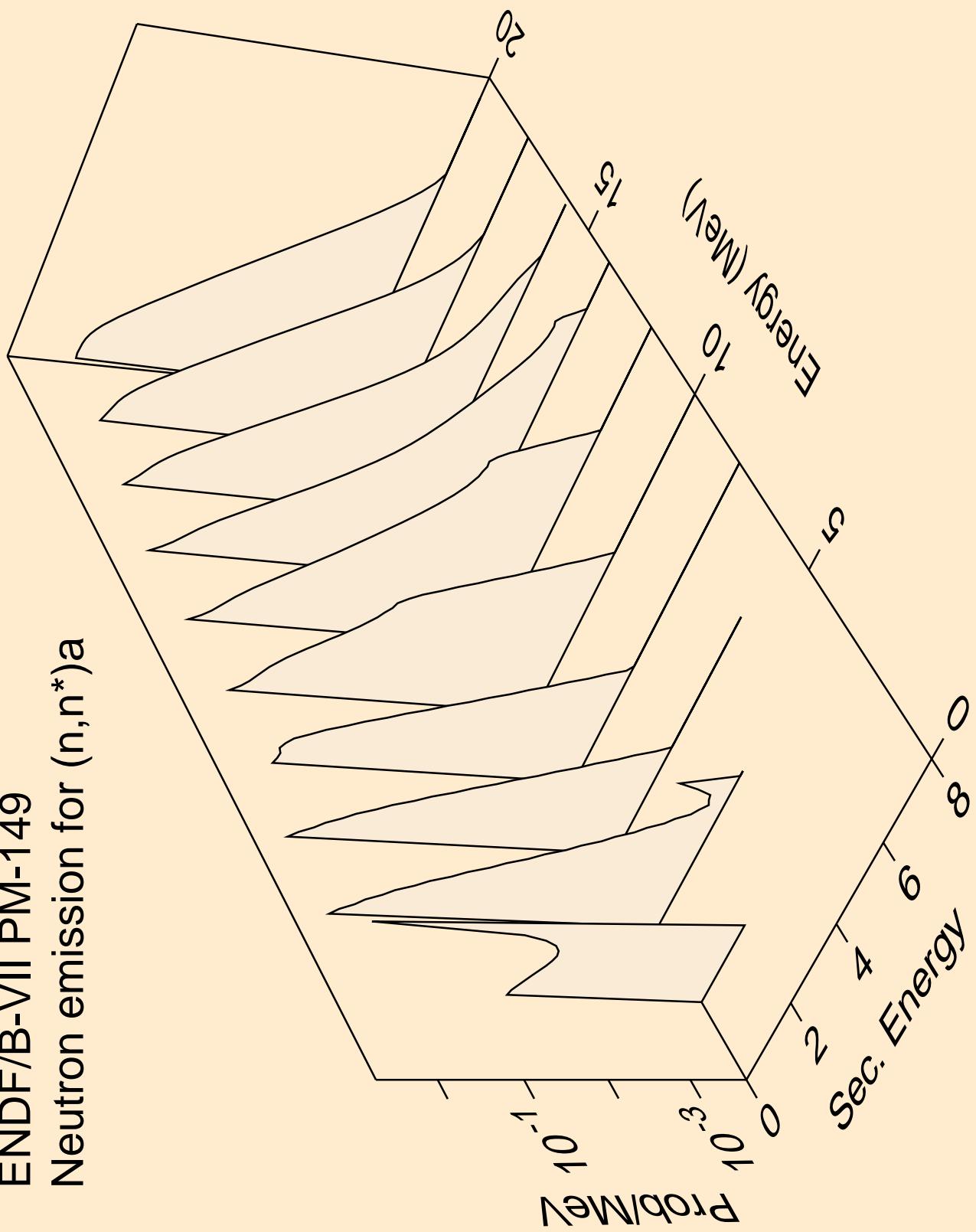
ENDF/B-VII PM-149

Neutron emission for  $(n,3n)$



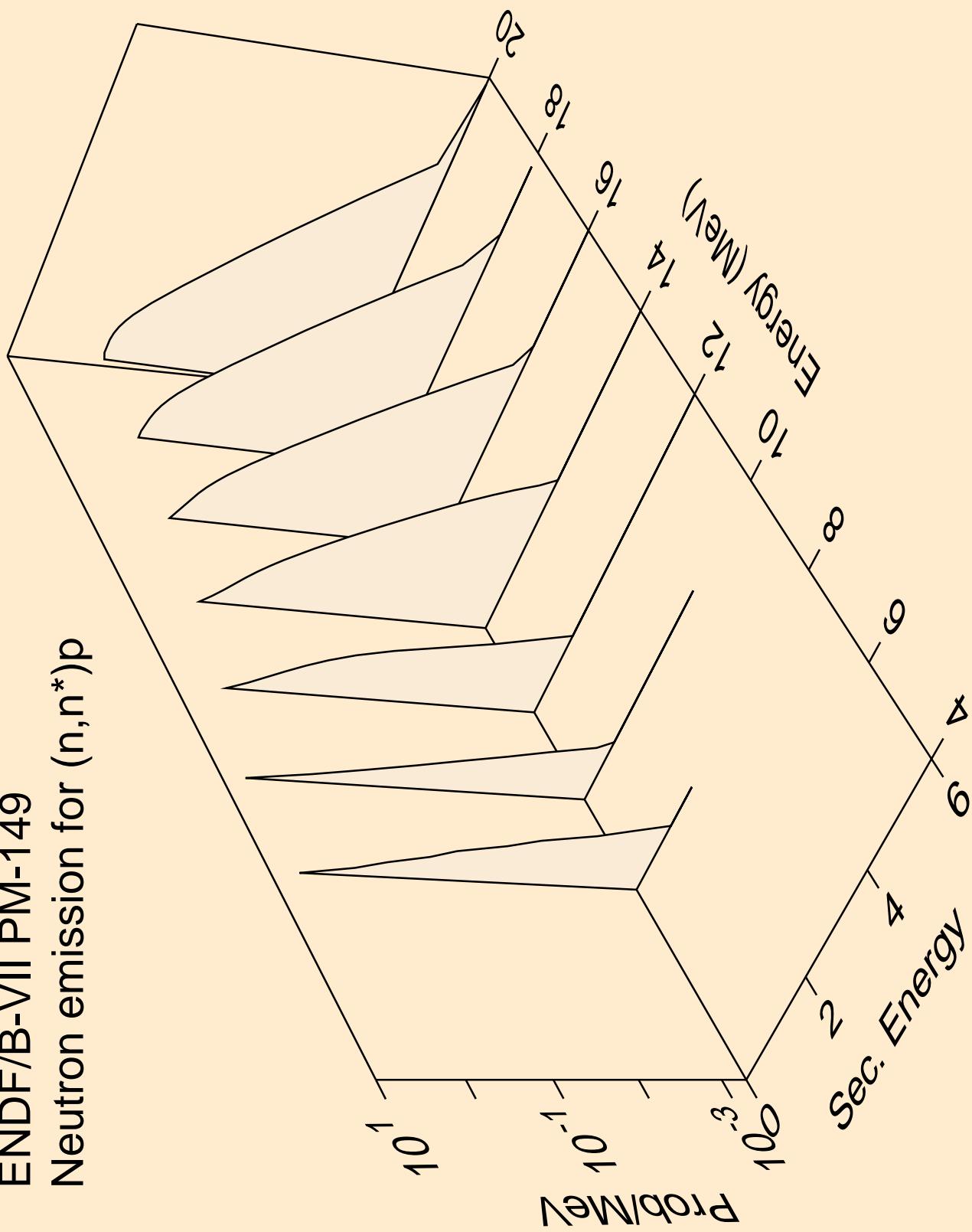
ENDF/B-VII PM-149

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



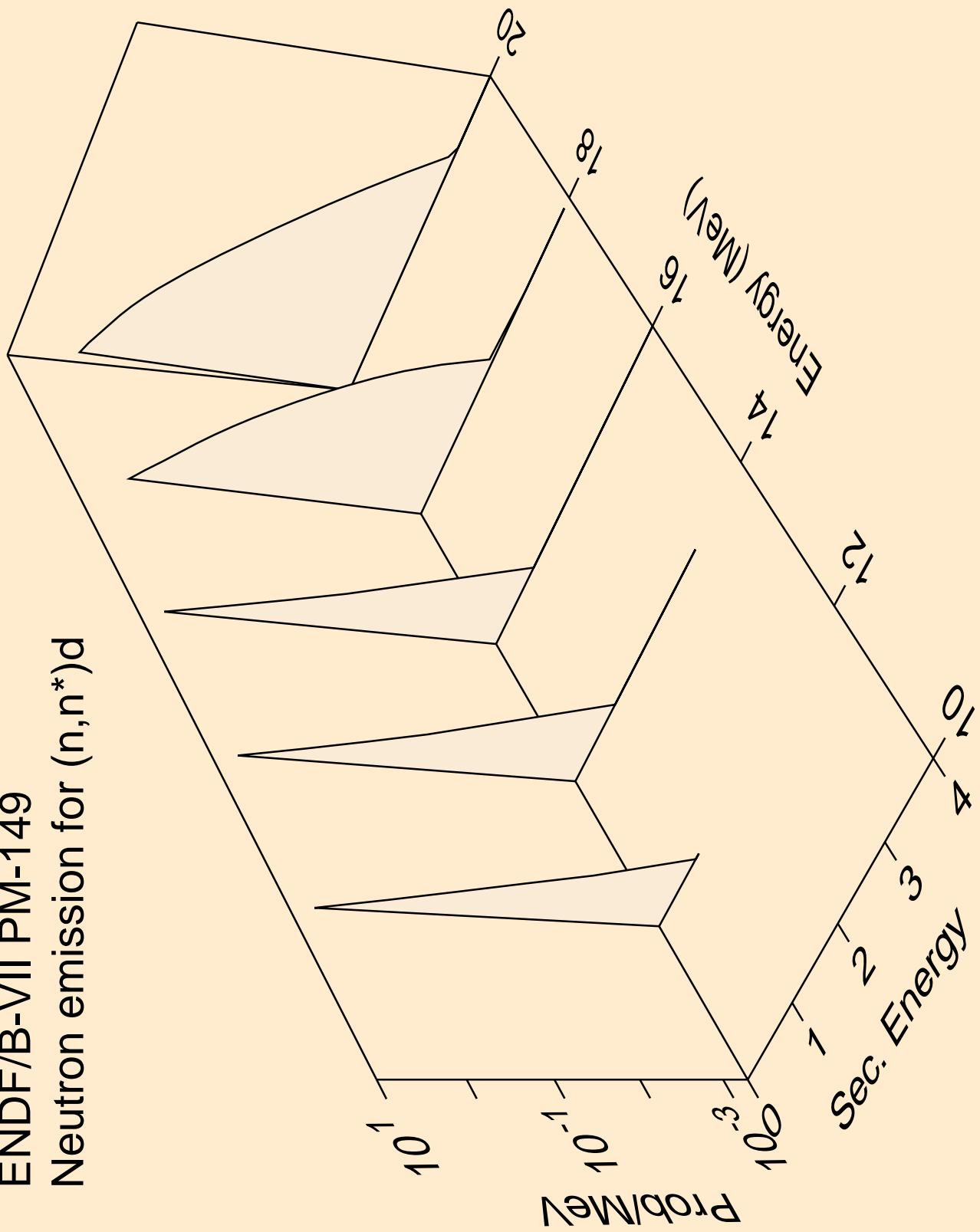
ENDF/B-VII PM-149

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



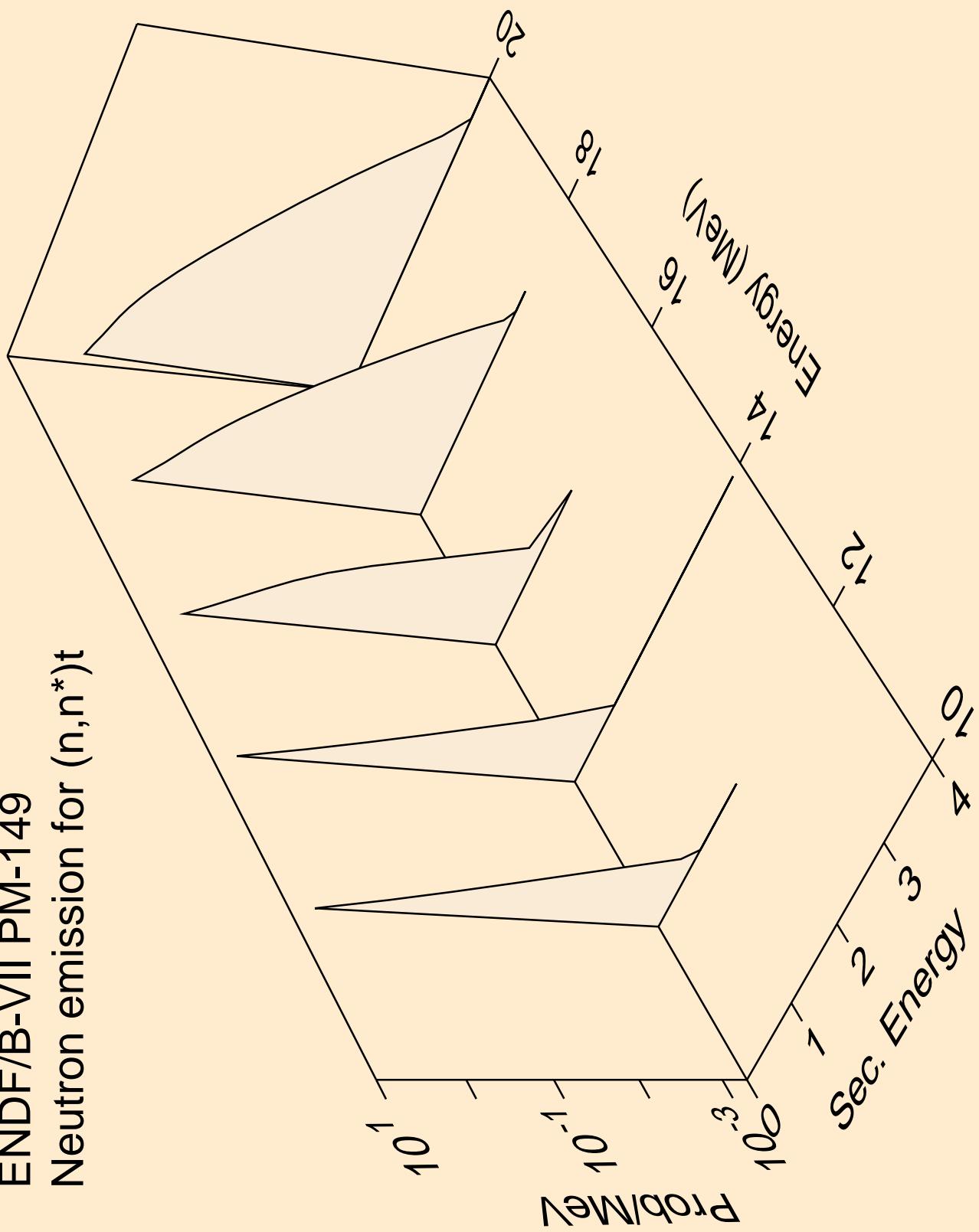
ENDF/B-VII PM-149

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



ENDF/B-VII PM-149

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



ENDF/B-VII PM-149

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

