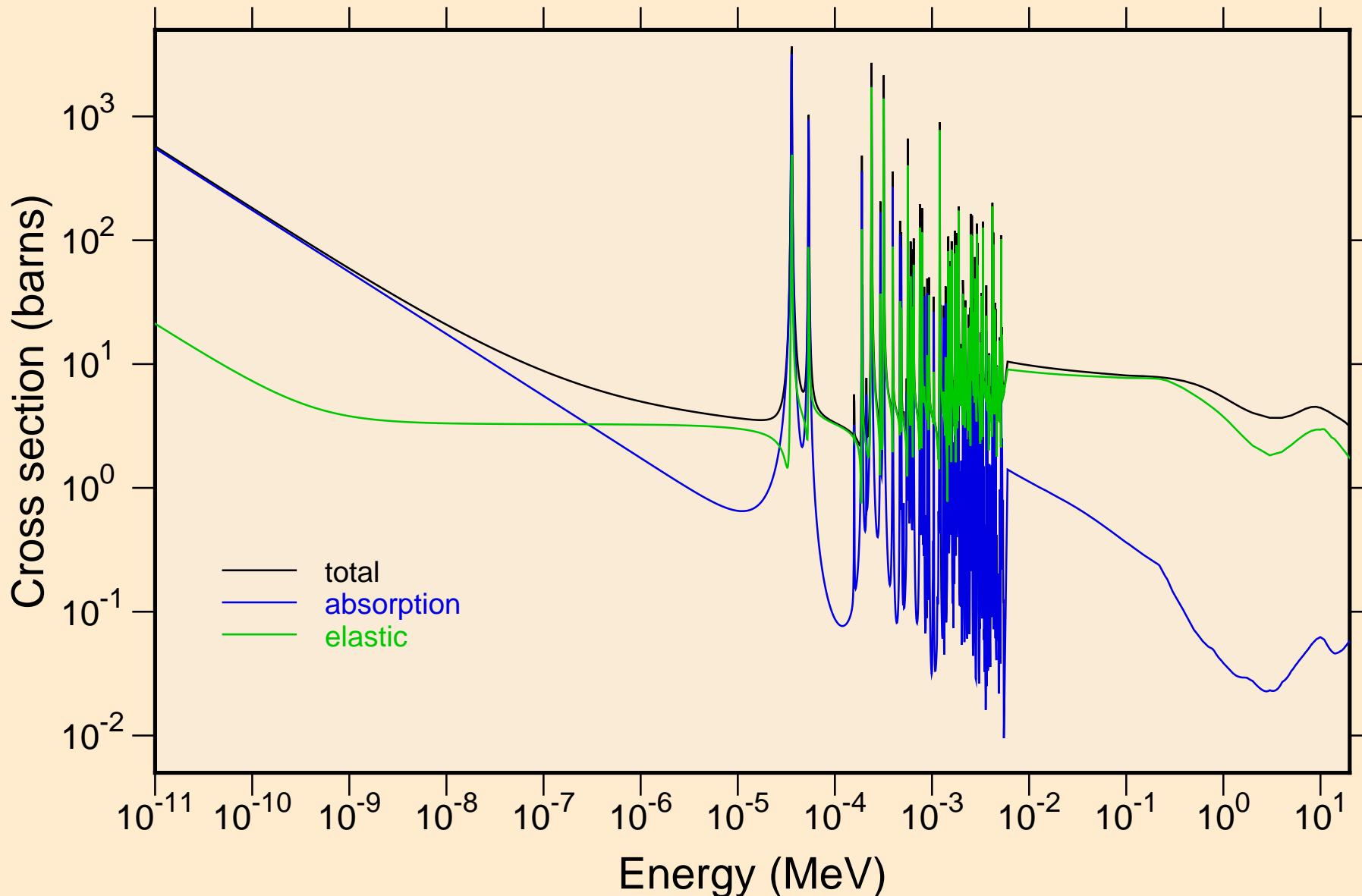
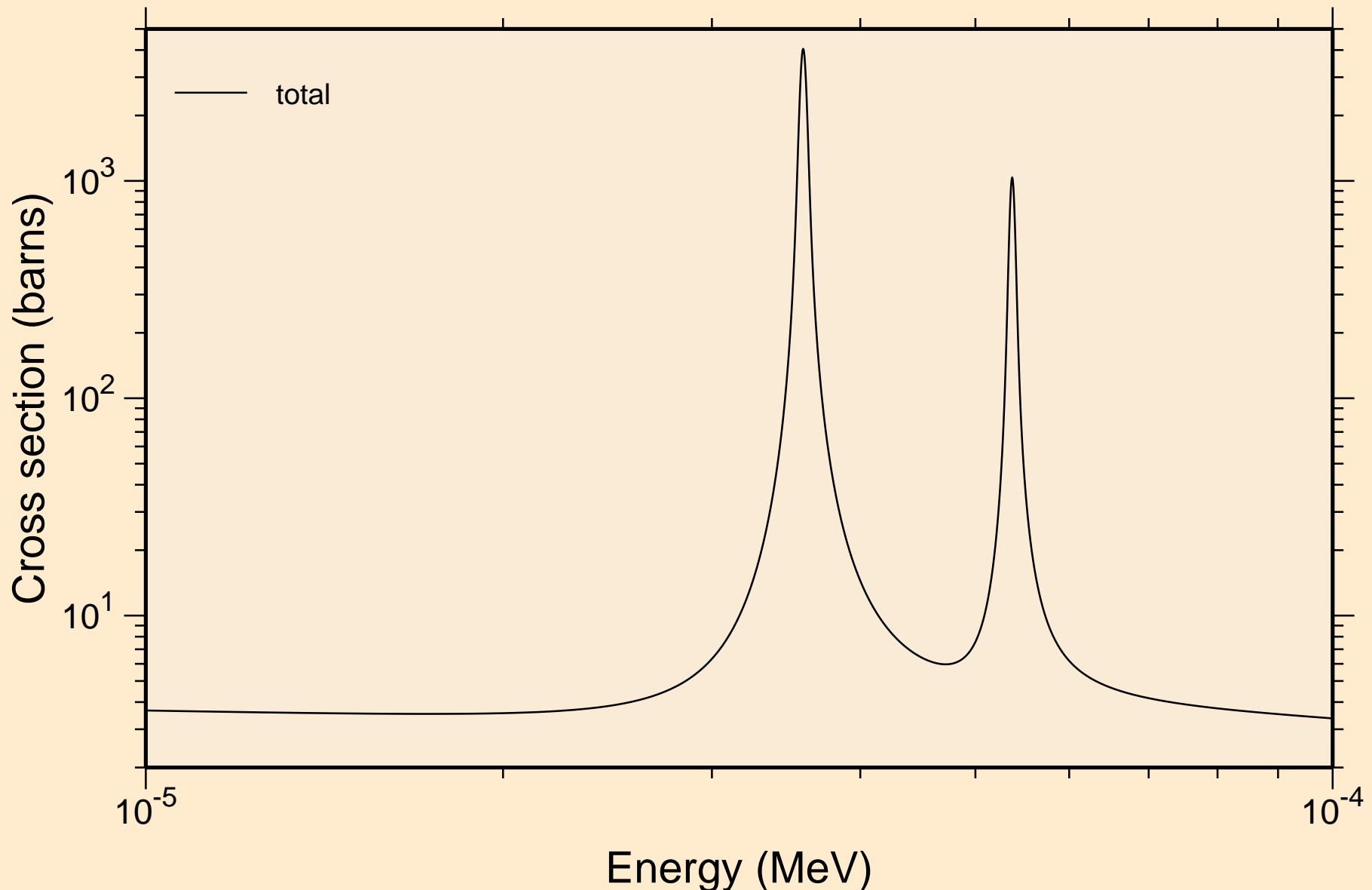


# ENDF/B-VII BR-79

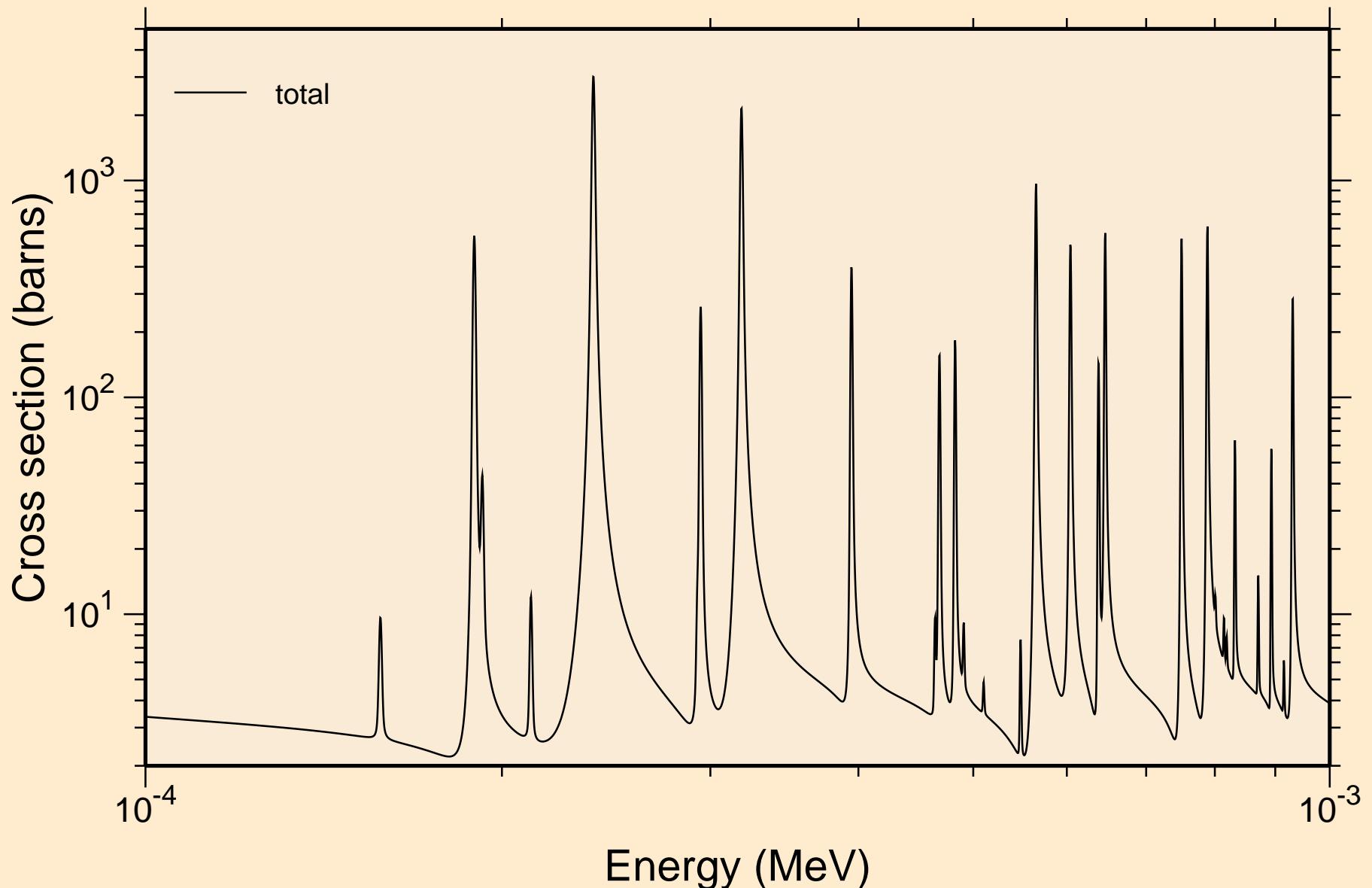
## Principal cross sections



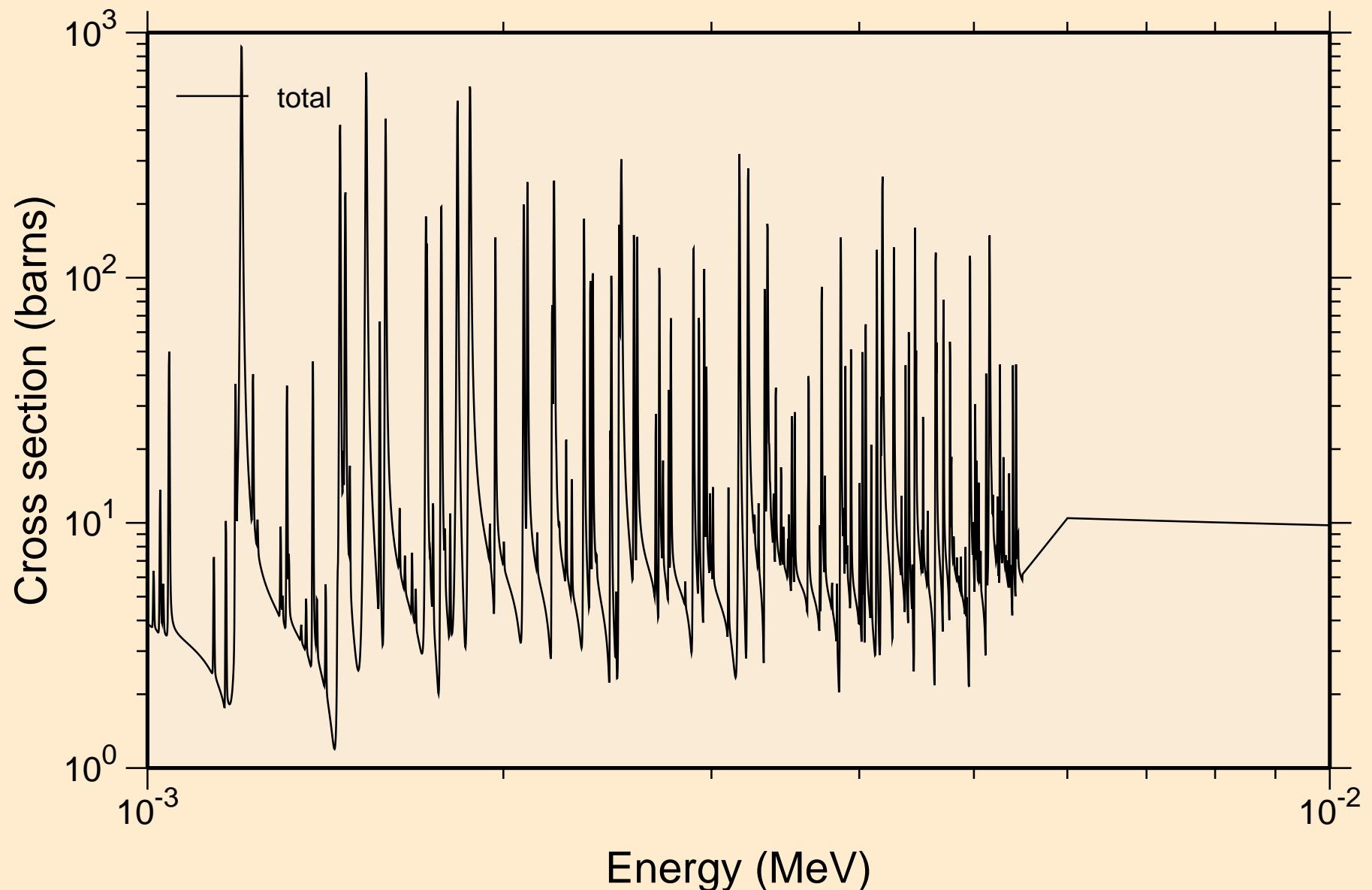
ENDF/B-VII BR-79  
resonance total cross section



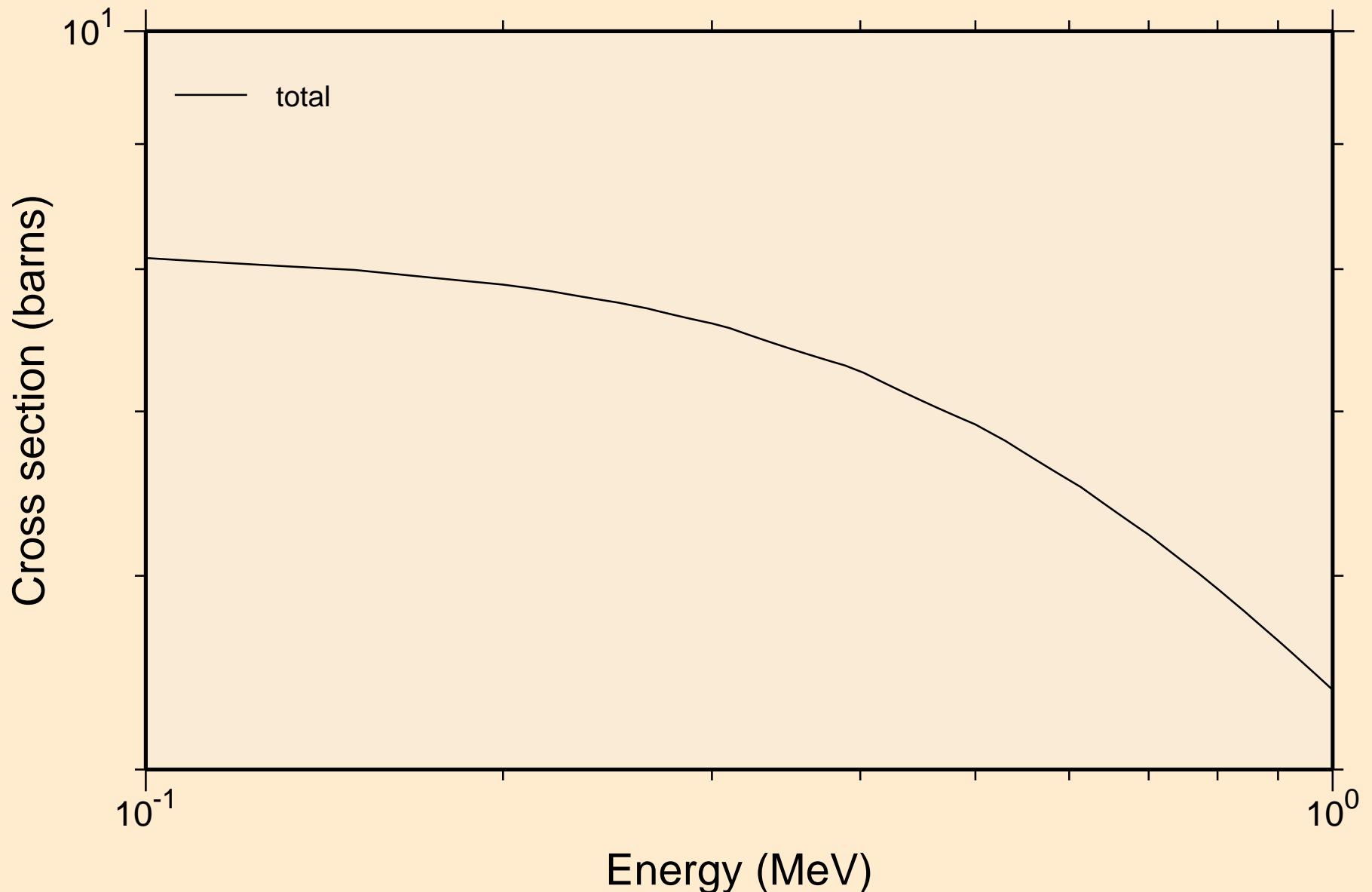
ENDF/B-VII BR-79  
resonance total cross section



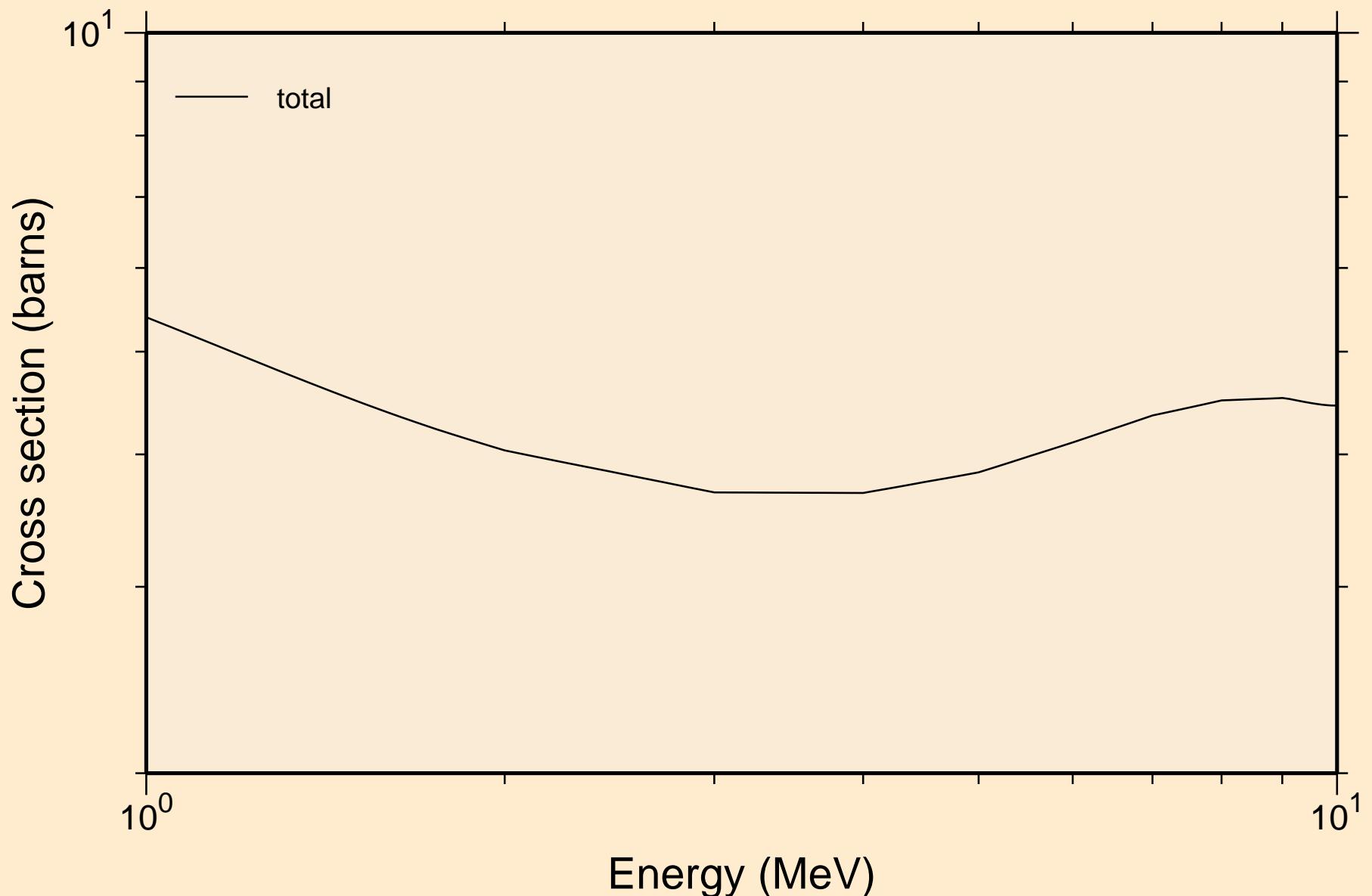
ENDF/B-VII BR-79  
resonance total cross section



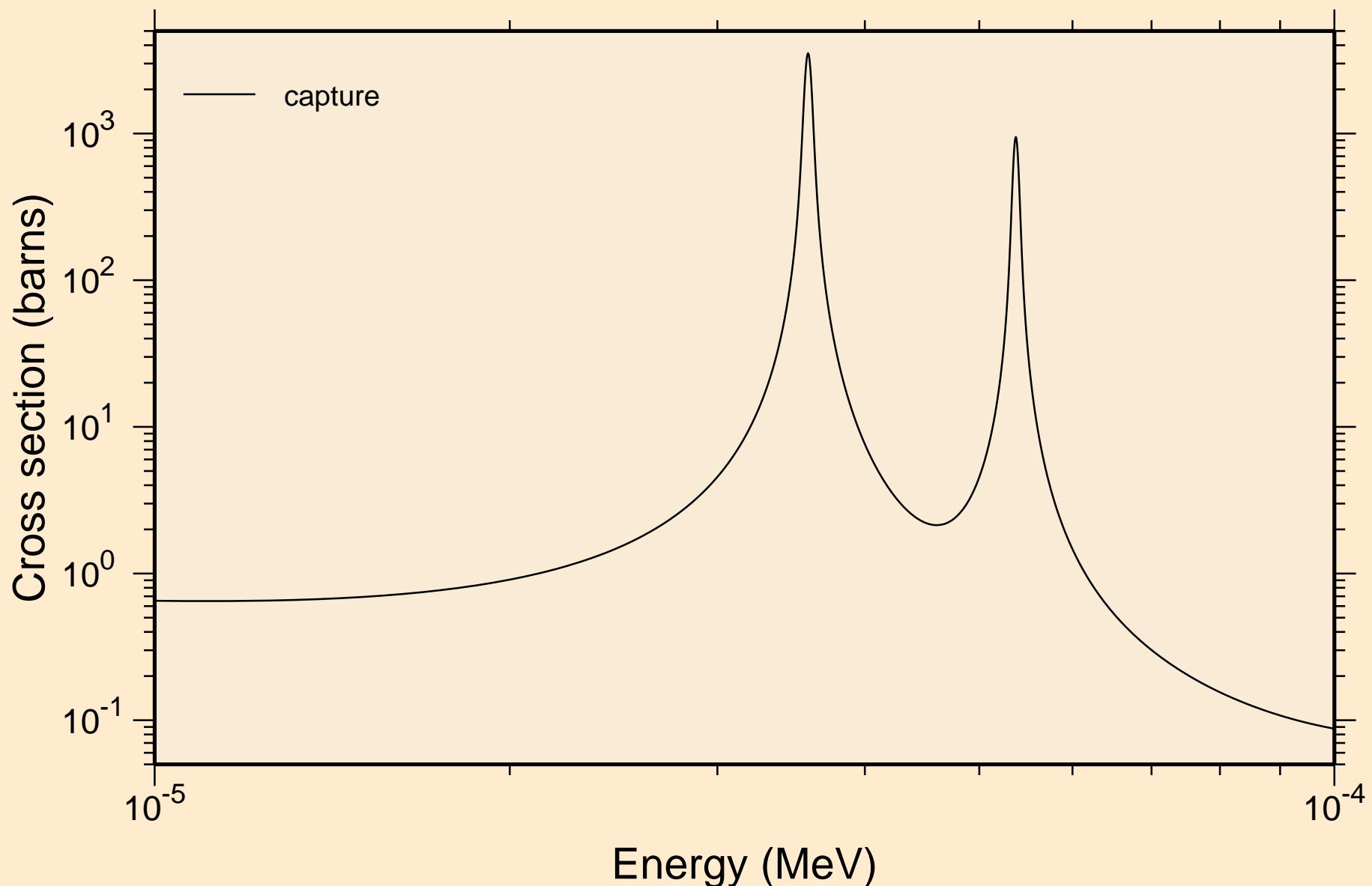
ENDF/B-VII BR-79  
resonance total cross section



ENDF/B-VII BR-79  
resonance total cross section

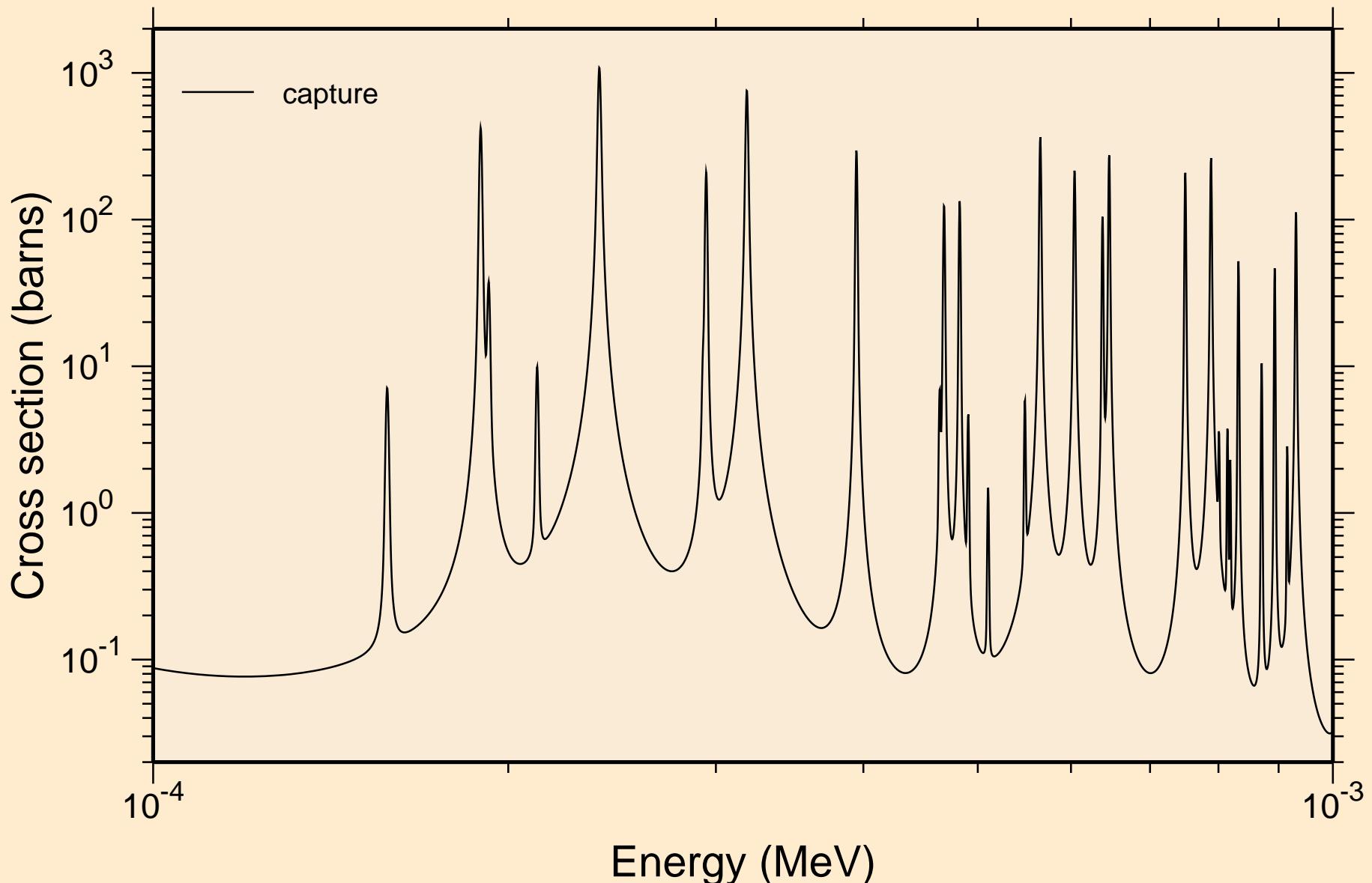


ENDF/B-VII BR-79  
resonance absorption cross sections



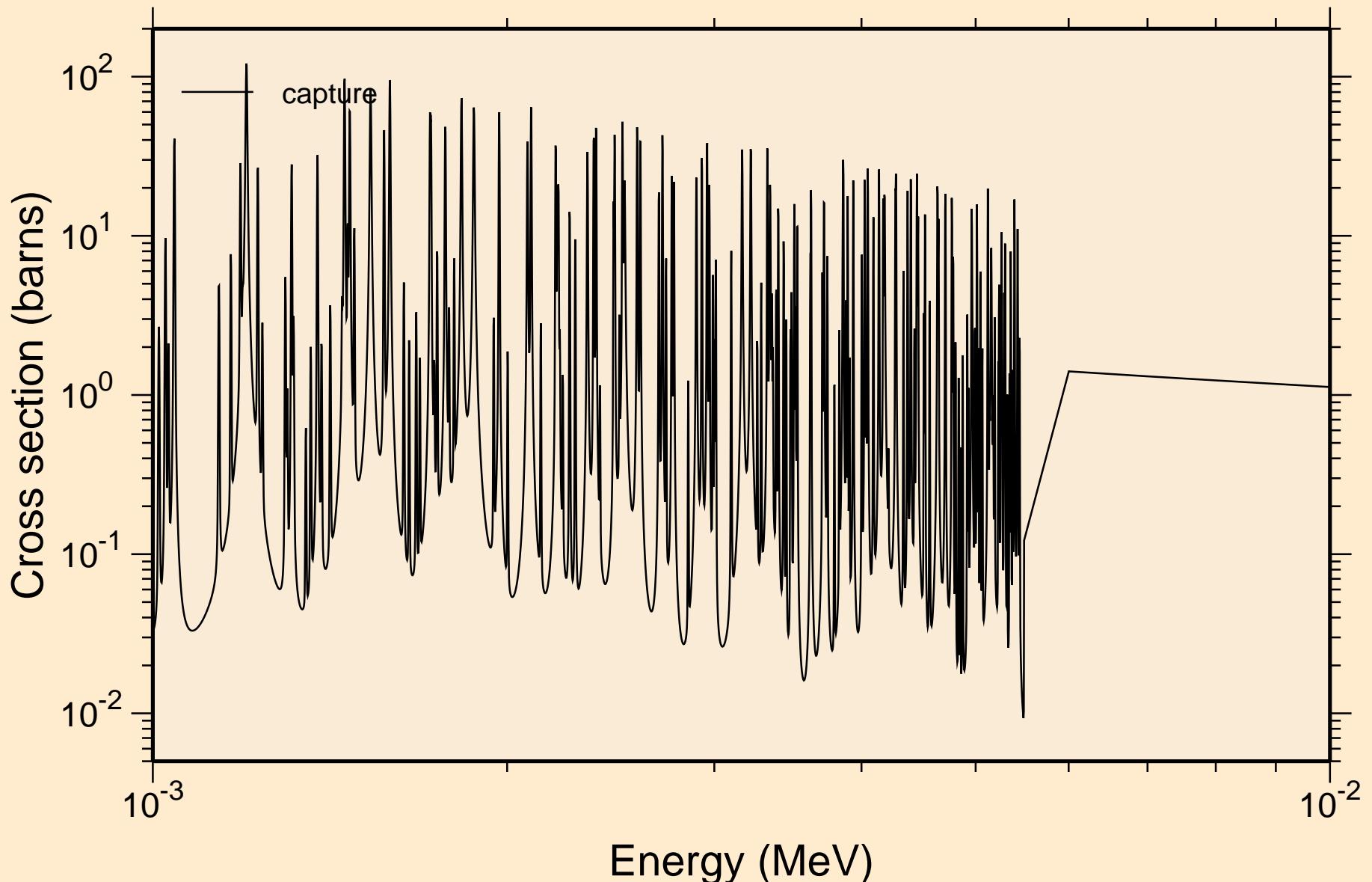
# ENDF/B-VII BR-79

## resonance absorption cross sections

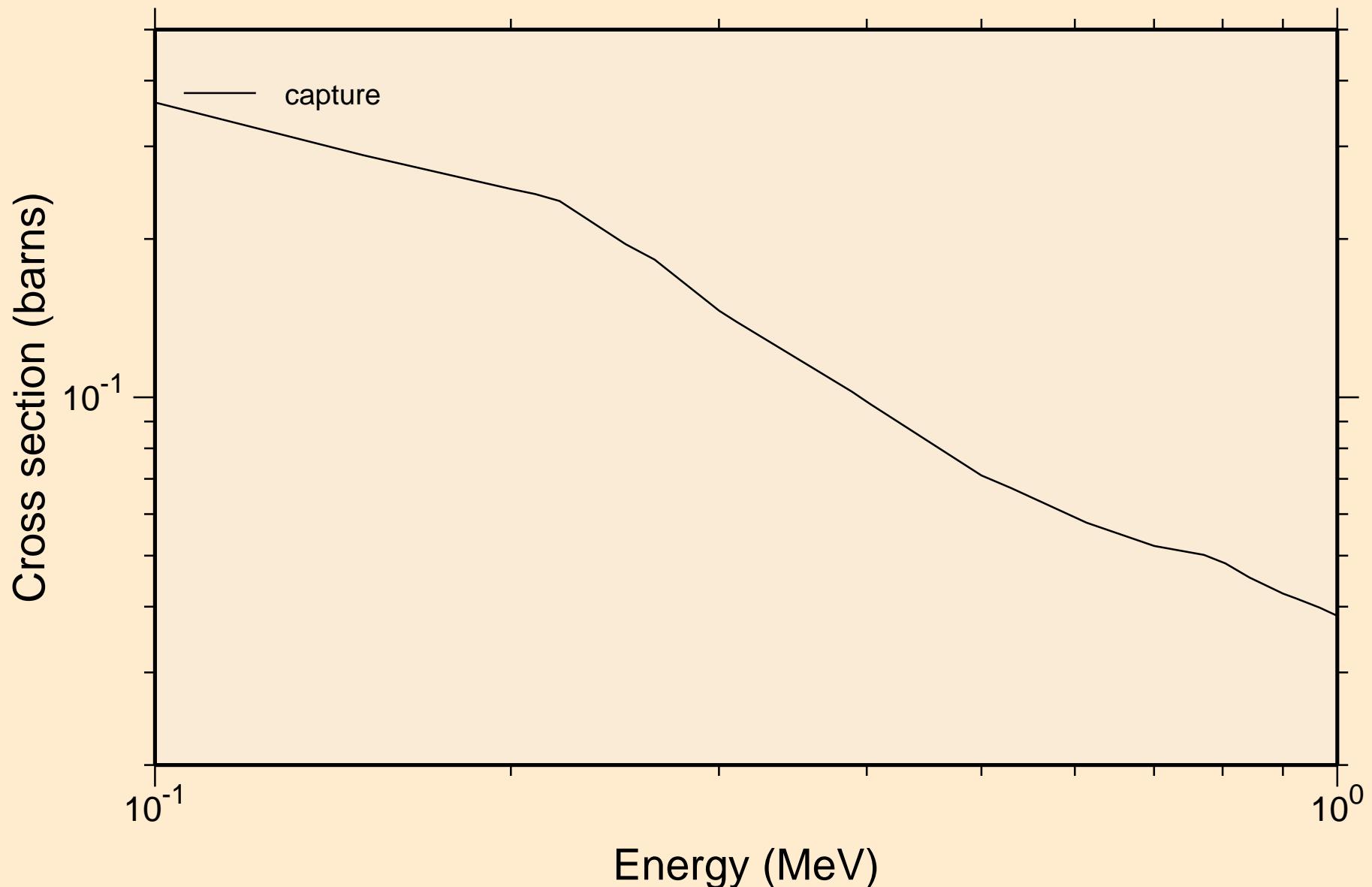


# ENDF/B-VII BR-79

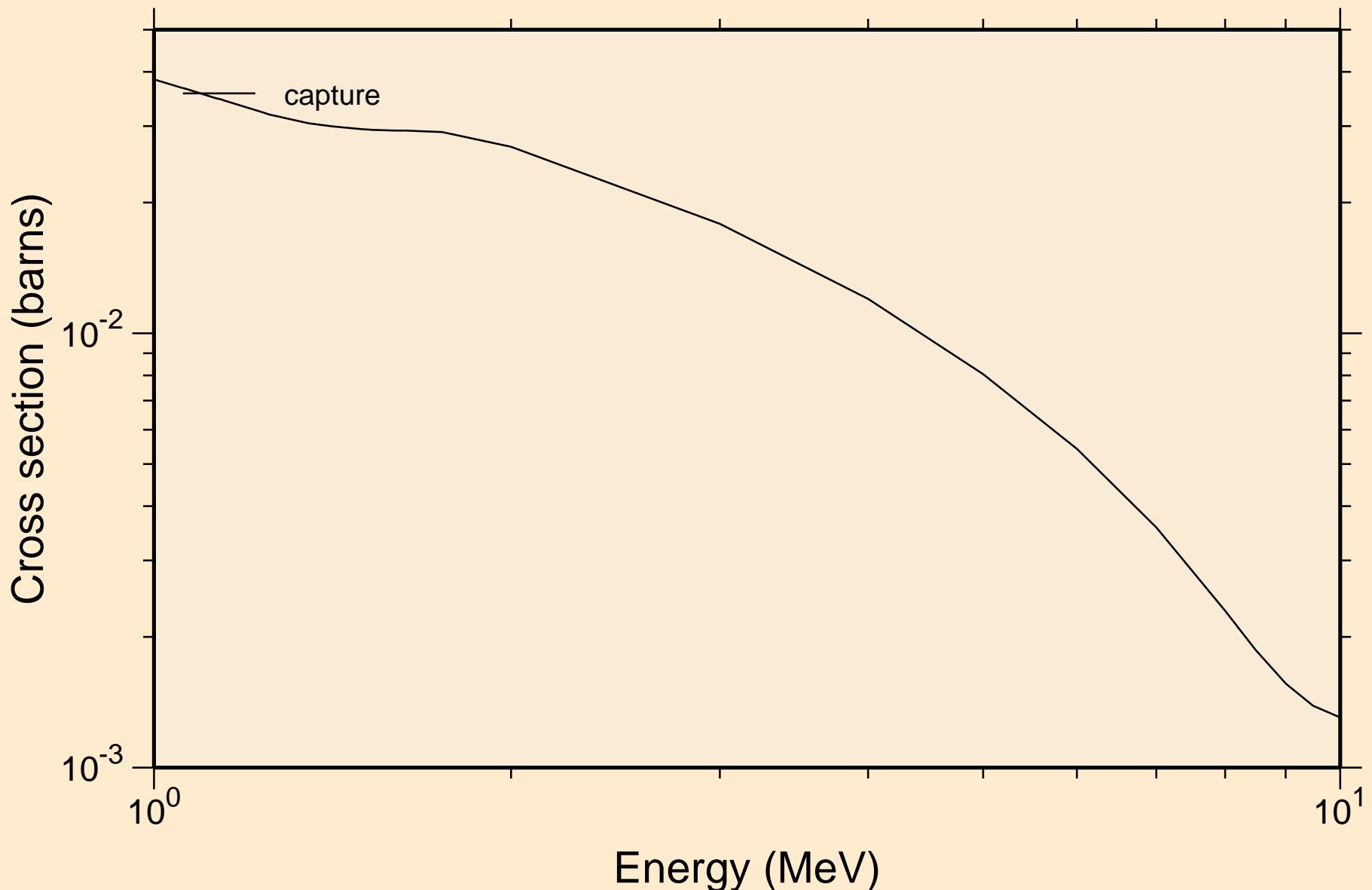
## resonance absorption cross sections



ENDF/B-VII BR-79  
resonance absorption cross sections

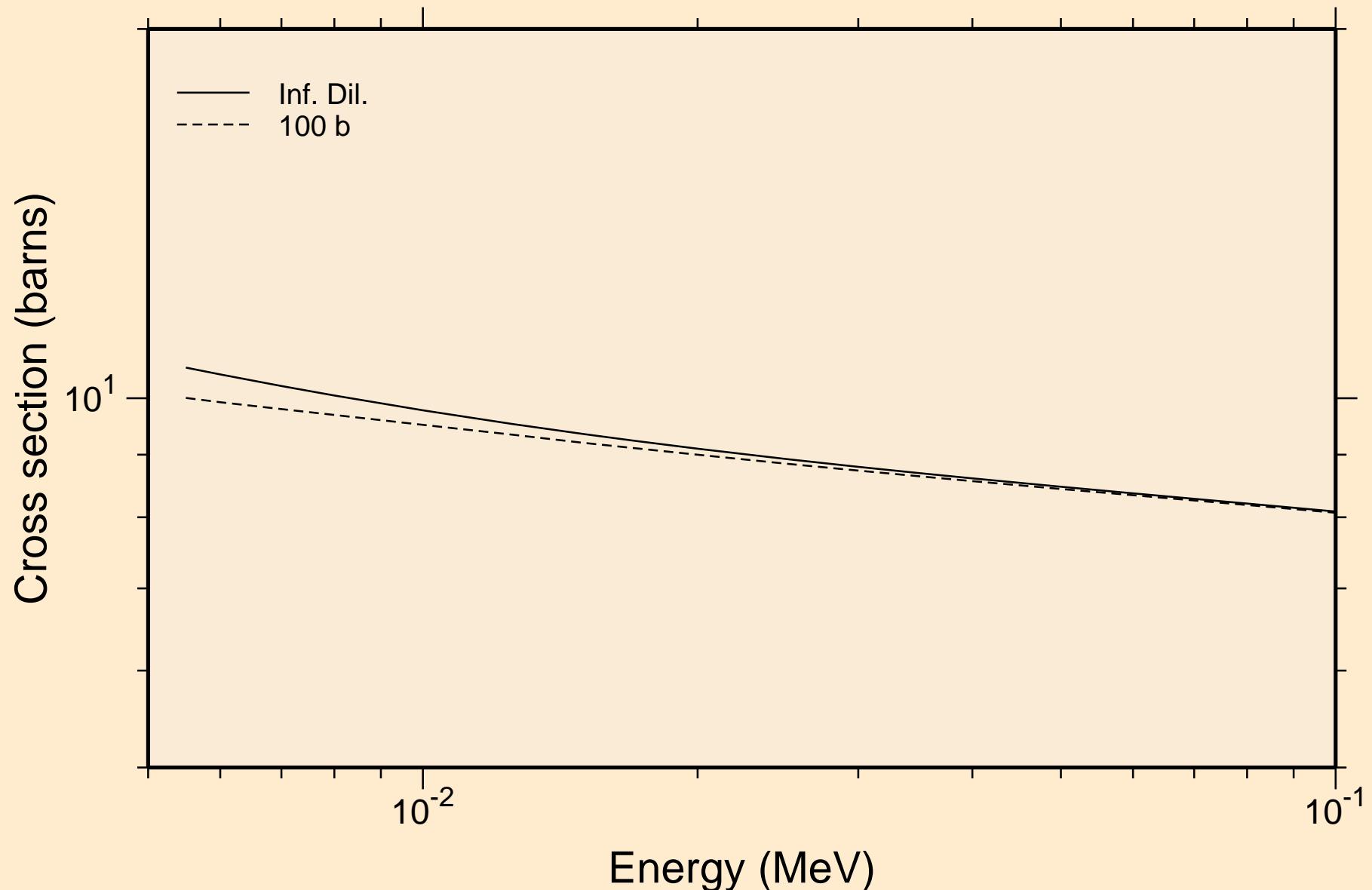


ENDF/B-VII BR-79  
resonance absorption cross sections

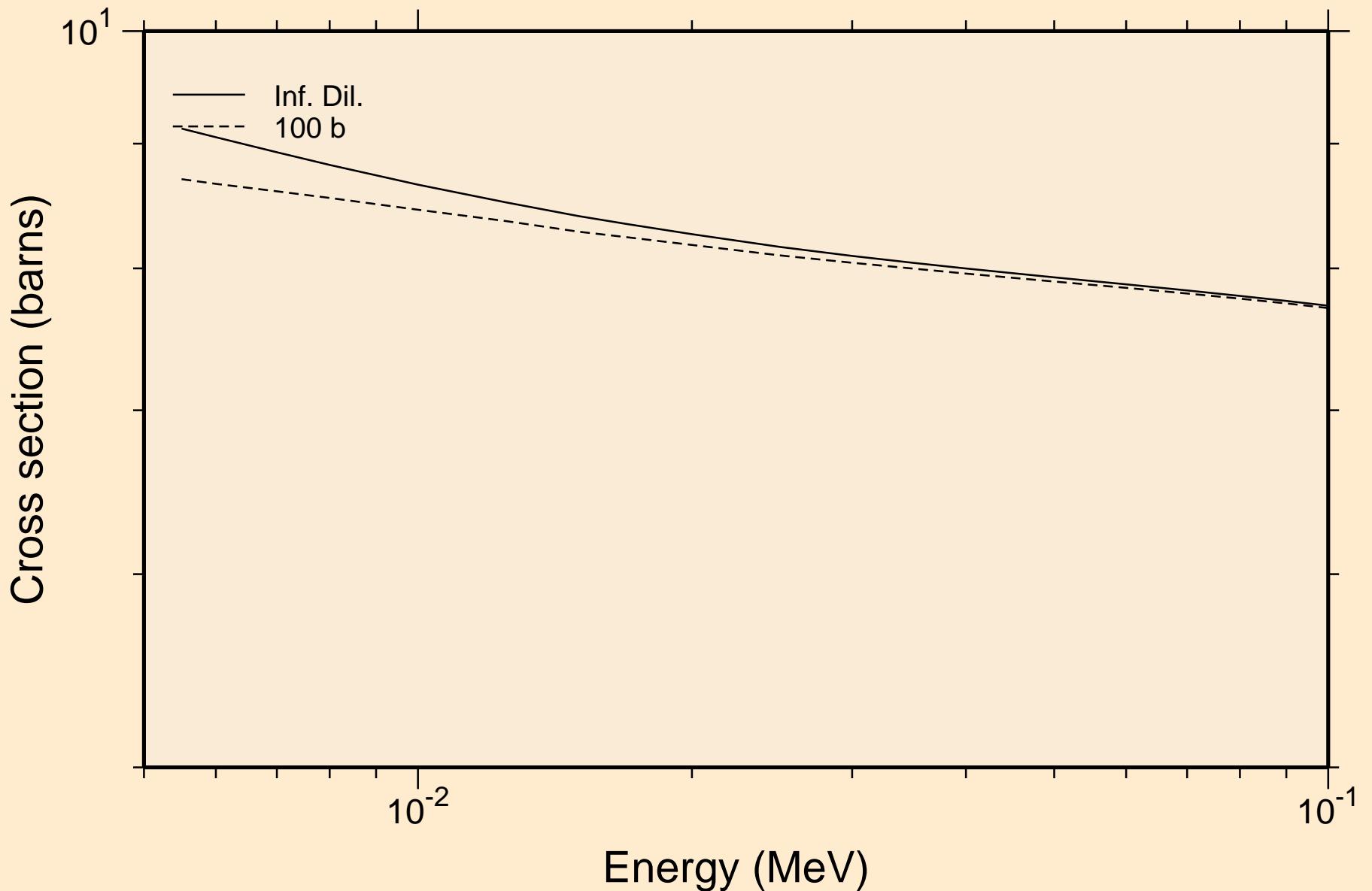


# ENDF/B-VII BR-79

## UR total cross section

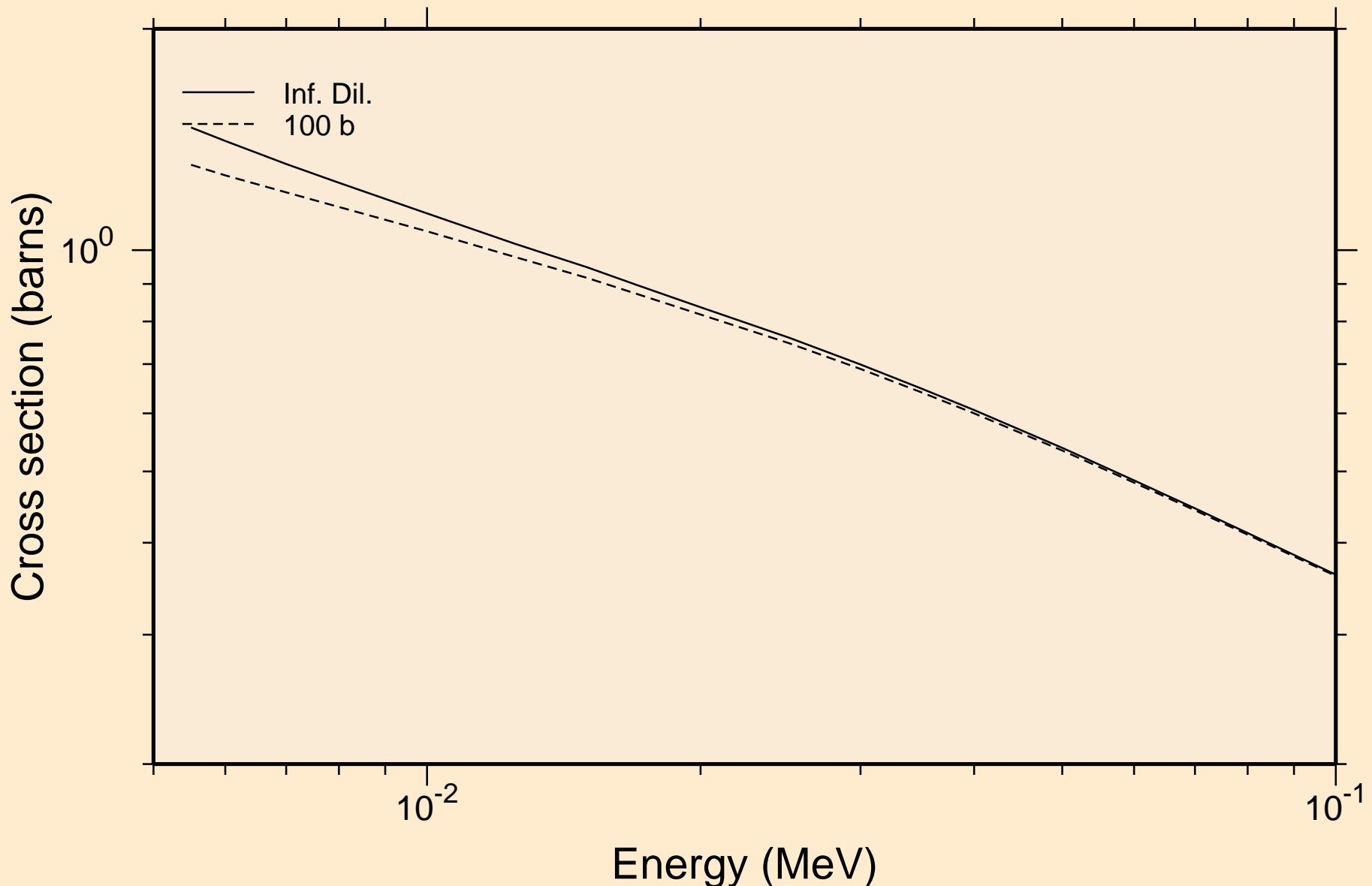


ENDF/B-VII BR-79  
UR elastic cross section

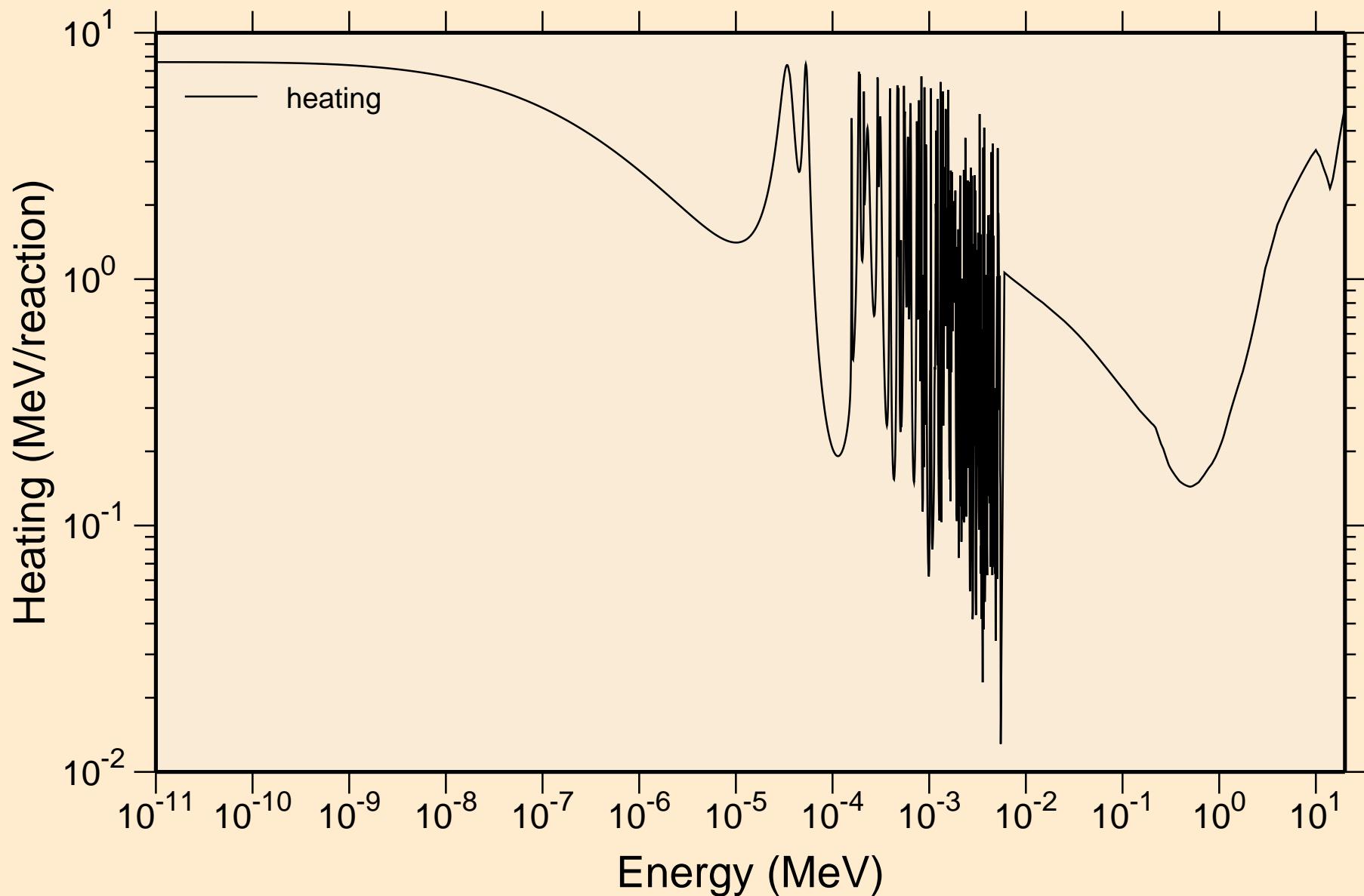


# ENDF/B-VII BR-79

## UR capture cross section

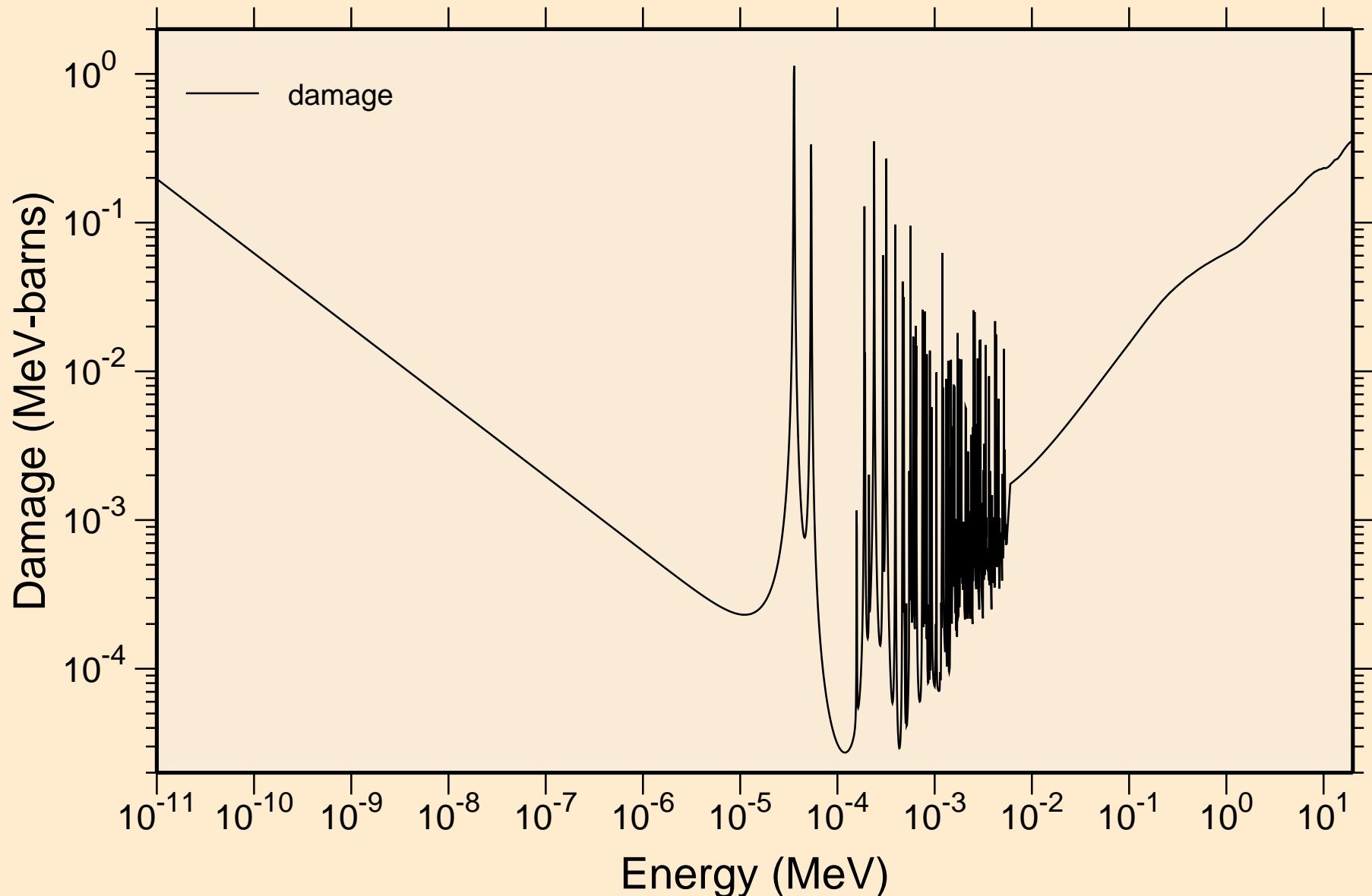


ENDF/B-VII BR-79  
Heating

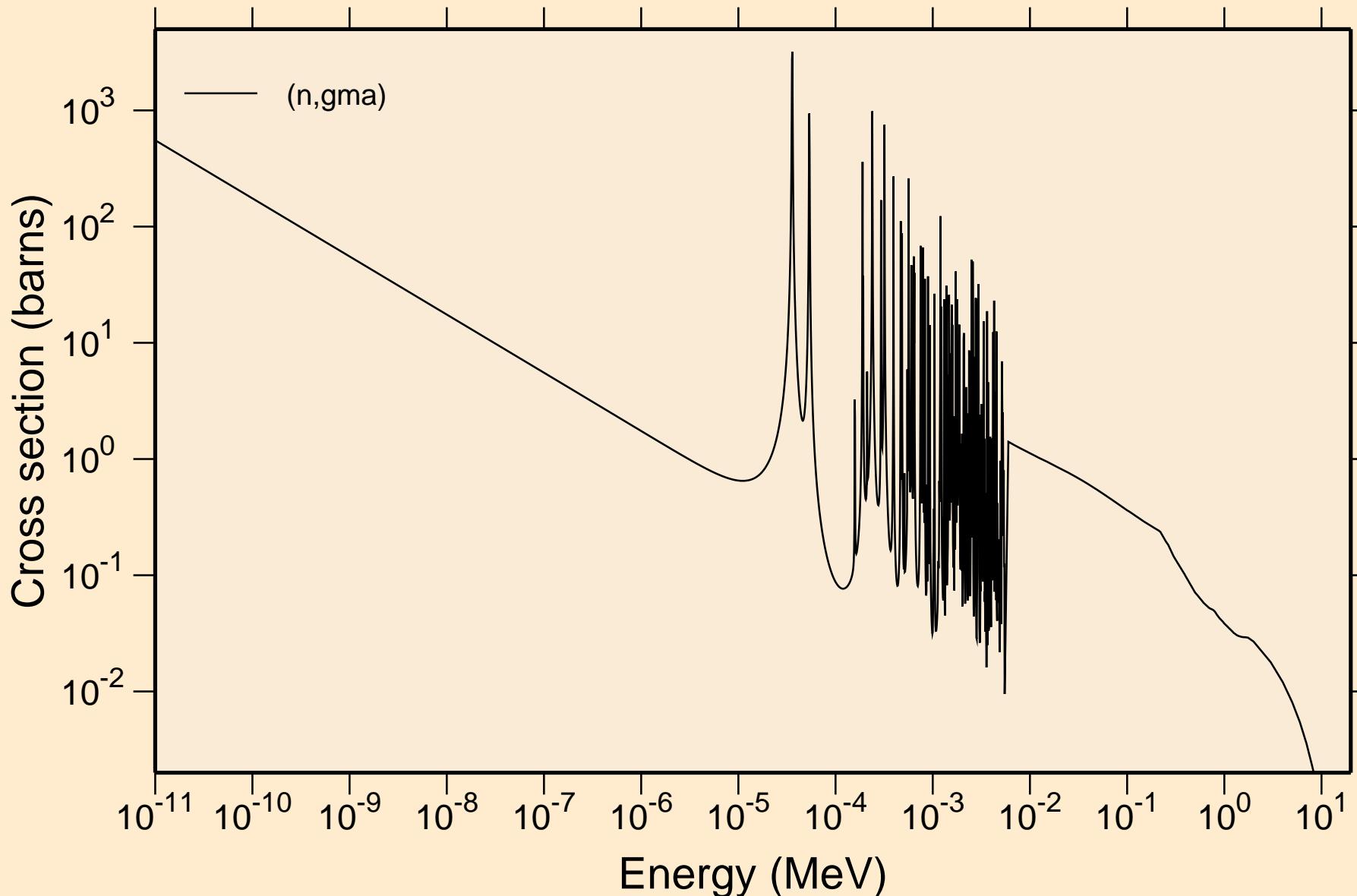


# ENDF/B-VII BR-79

## Damage

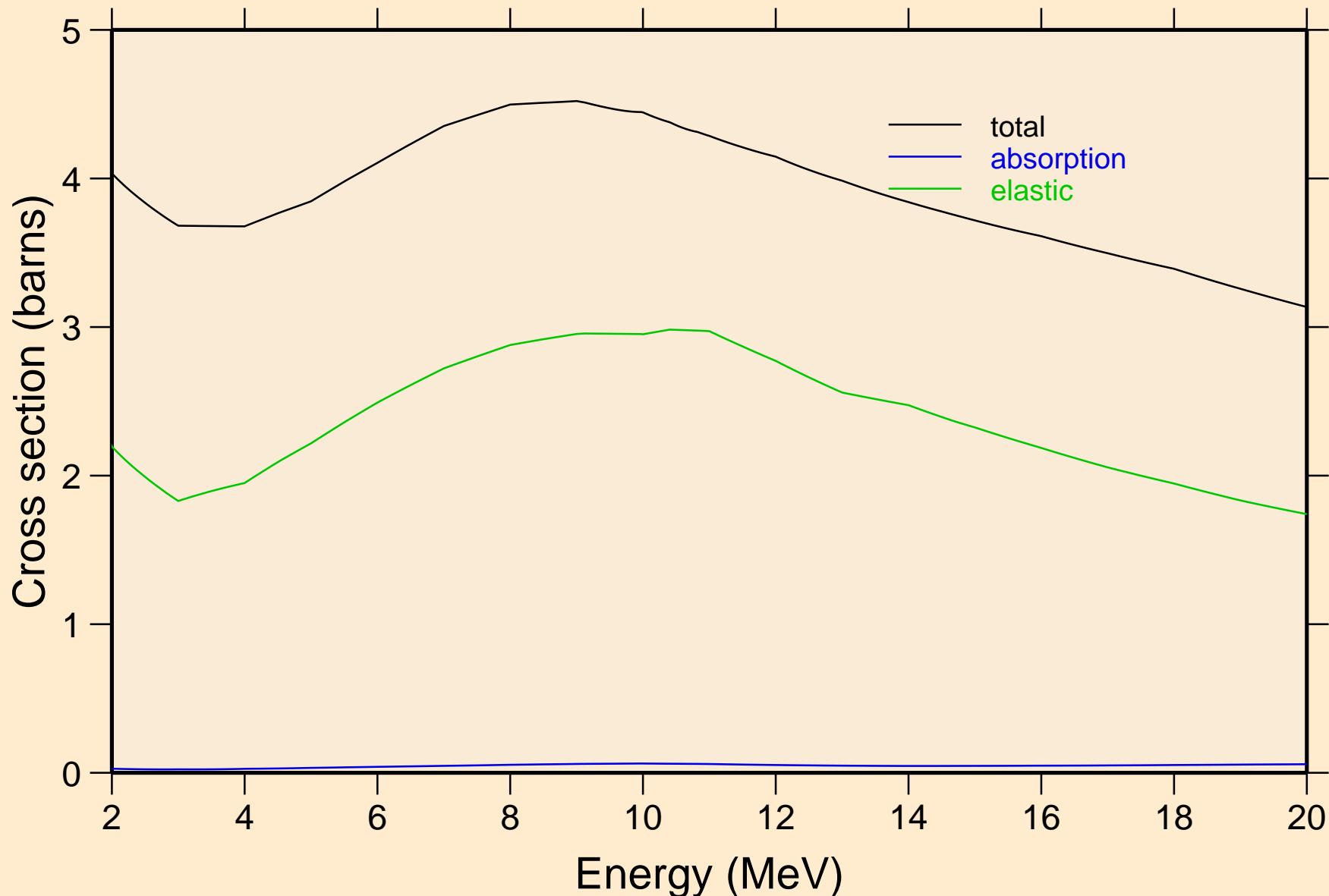


ENDF/B-VII BR-79  
Non-threshold reactions

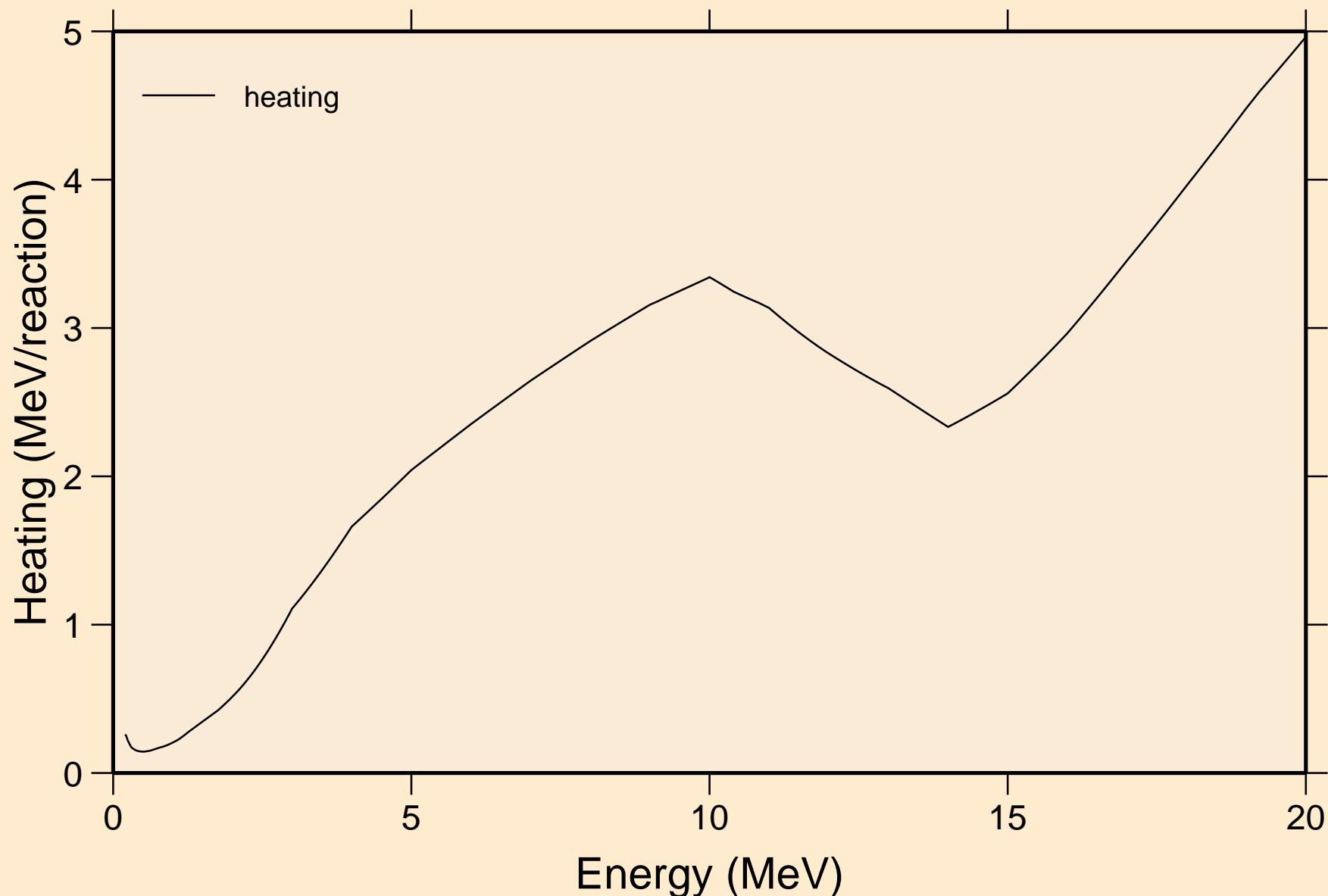


# ENDF/B-VII BR-79

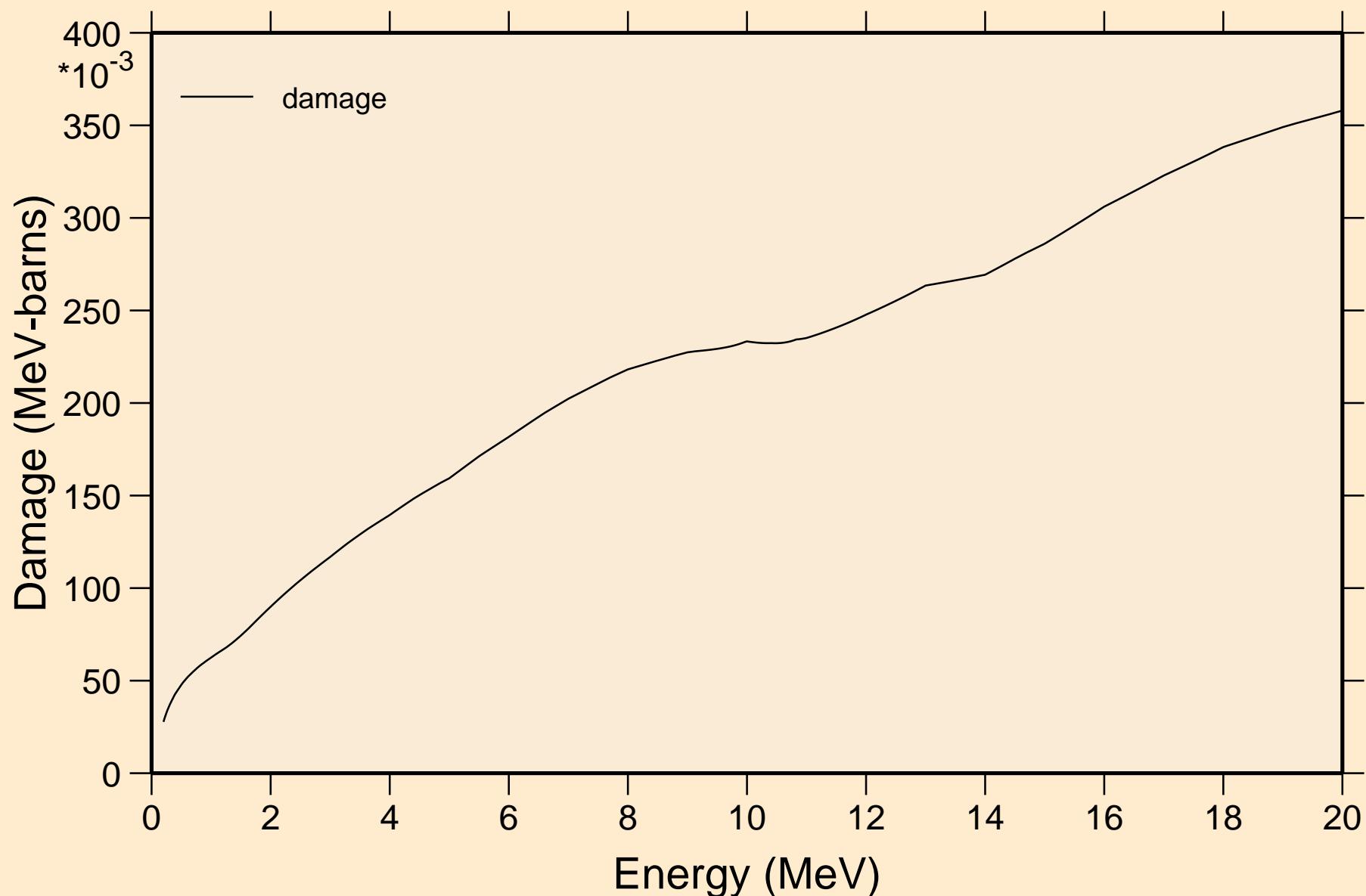
## Principal cross sections



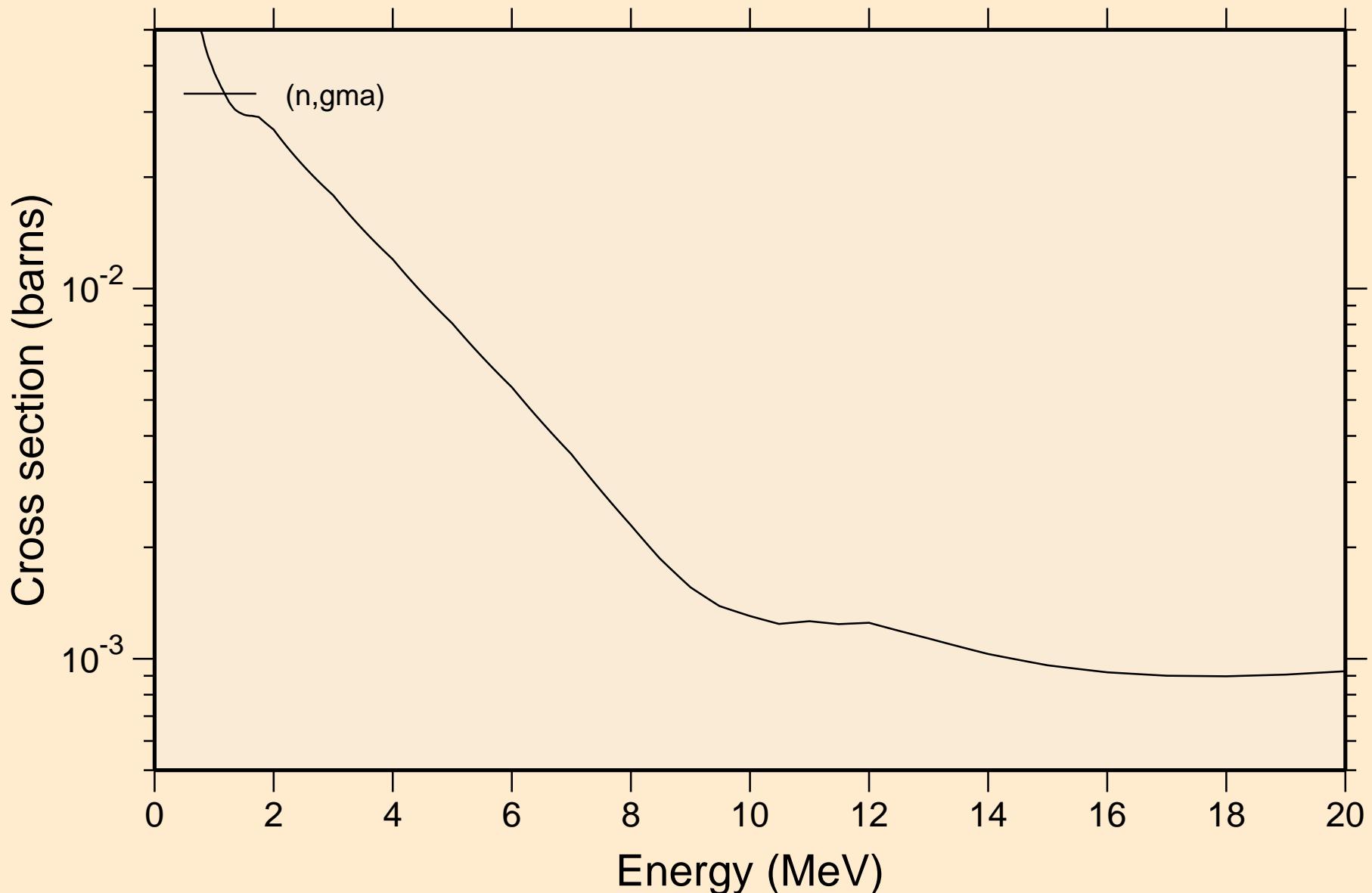
ENDF/B-VII BR-79  
Heating



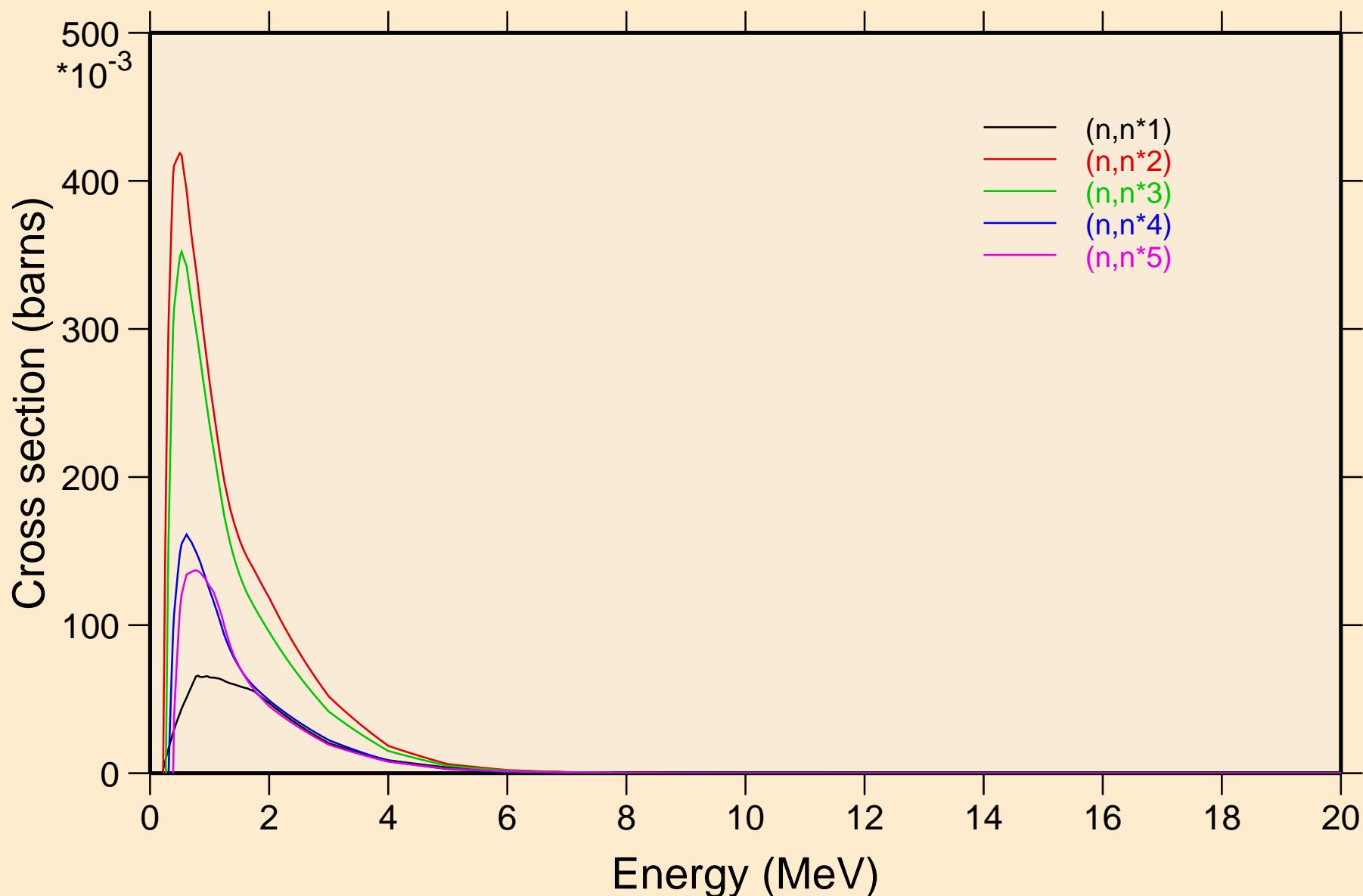
ENDF/B-VII BR-79  
Damage



ENDF/B-VII BR-79  
Non-threshold reactions

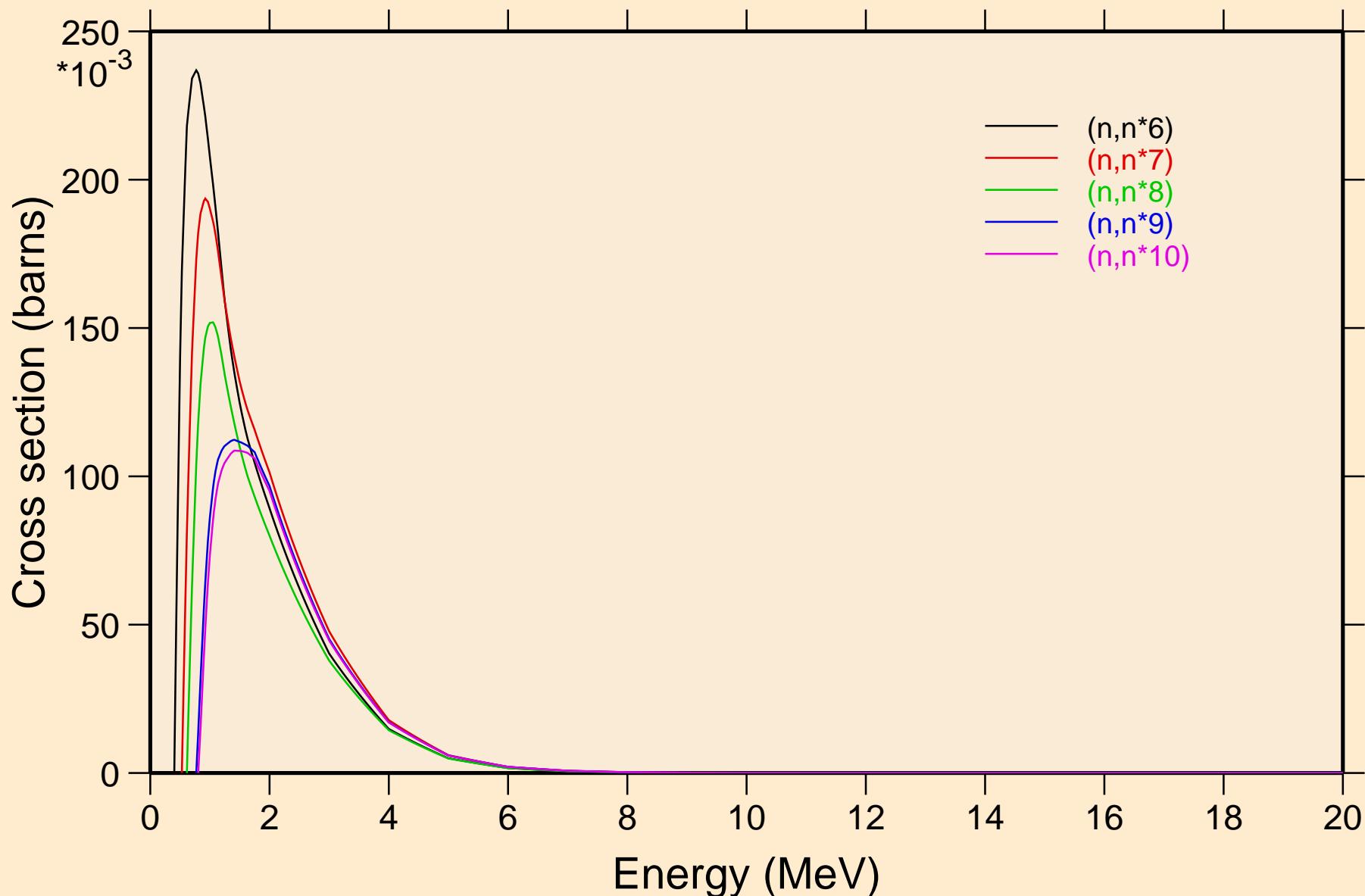


ENDF/B-VII BR-79  
Inelastic levels

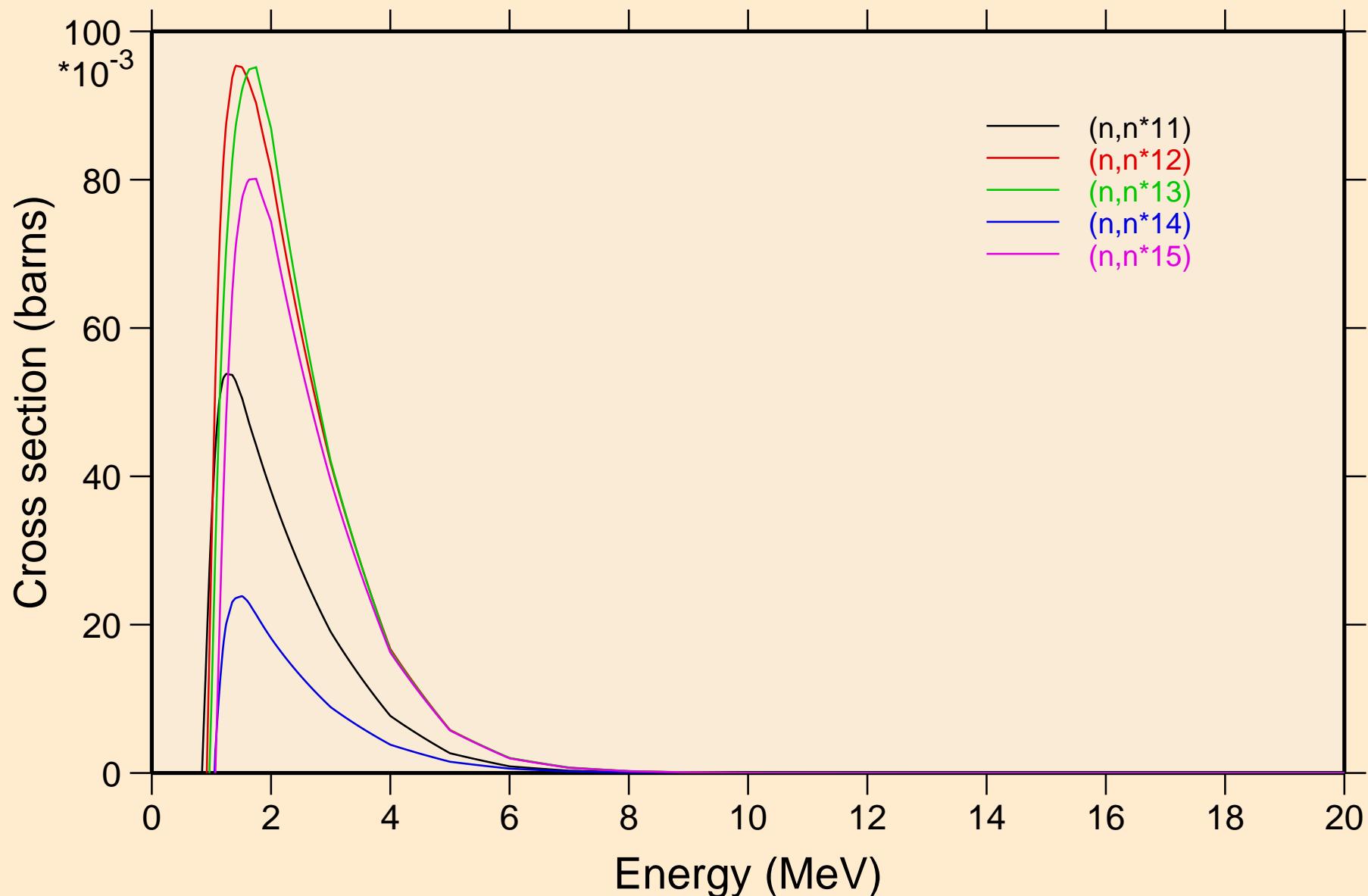


# ENDF/B-VII BR-79

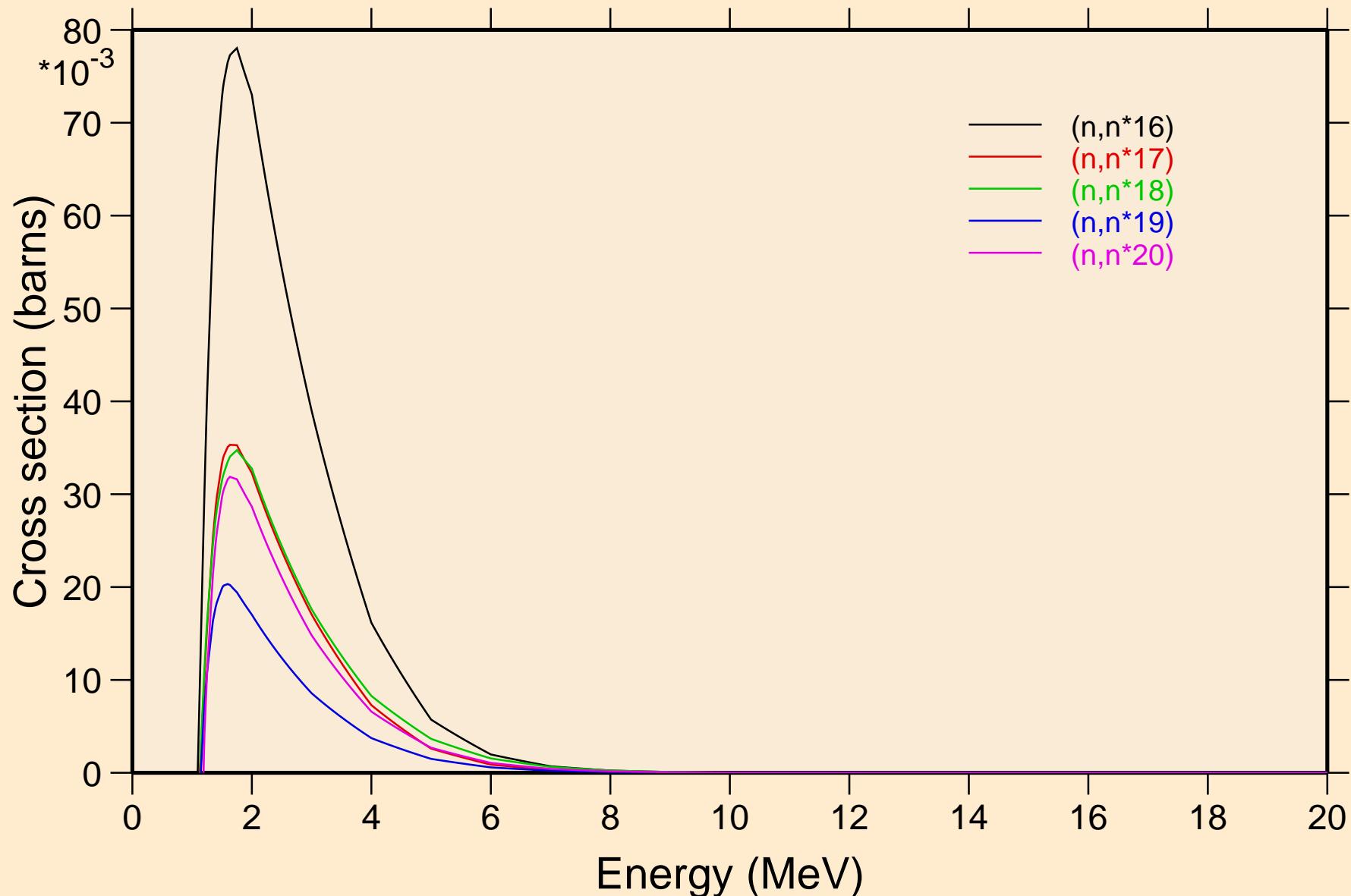
## Inelastic levels



ENDF/B-VII BR-79  
Inelastic levels

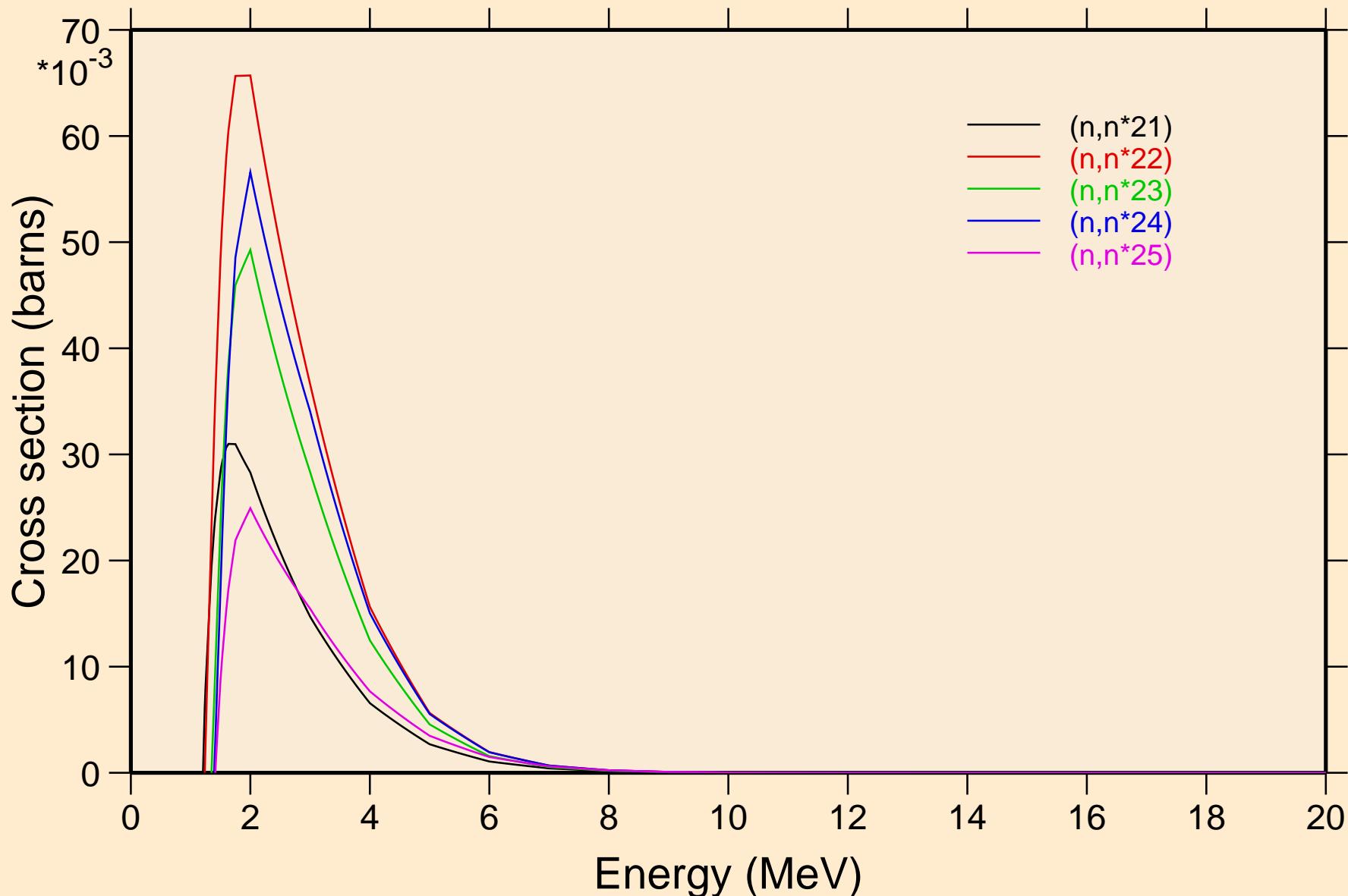


ENDF/B-VII BR-79  
Inelastic levels

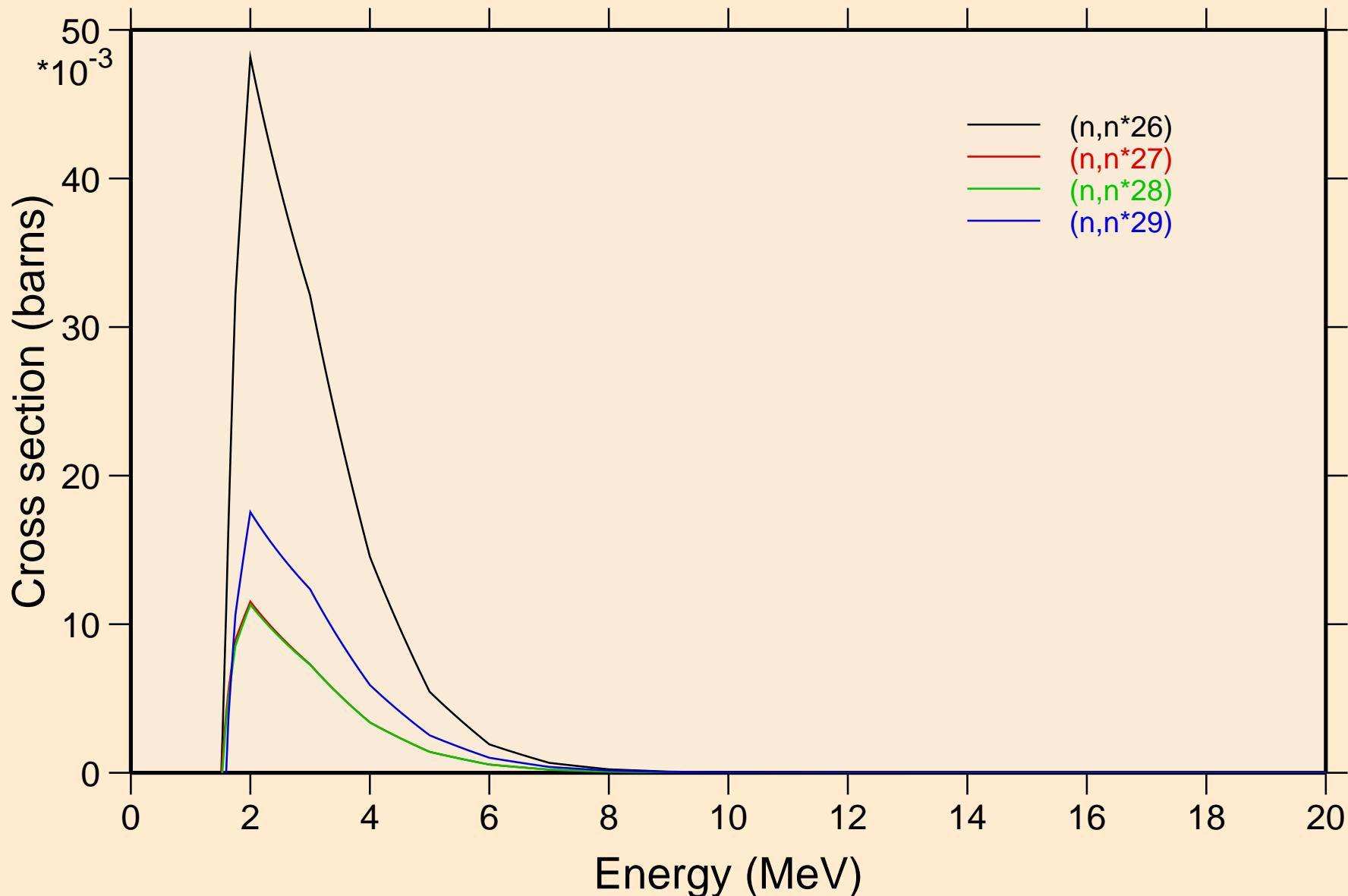


# ENDF/B-VII BR-79

## Inelastic levels

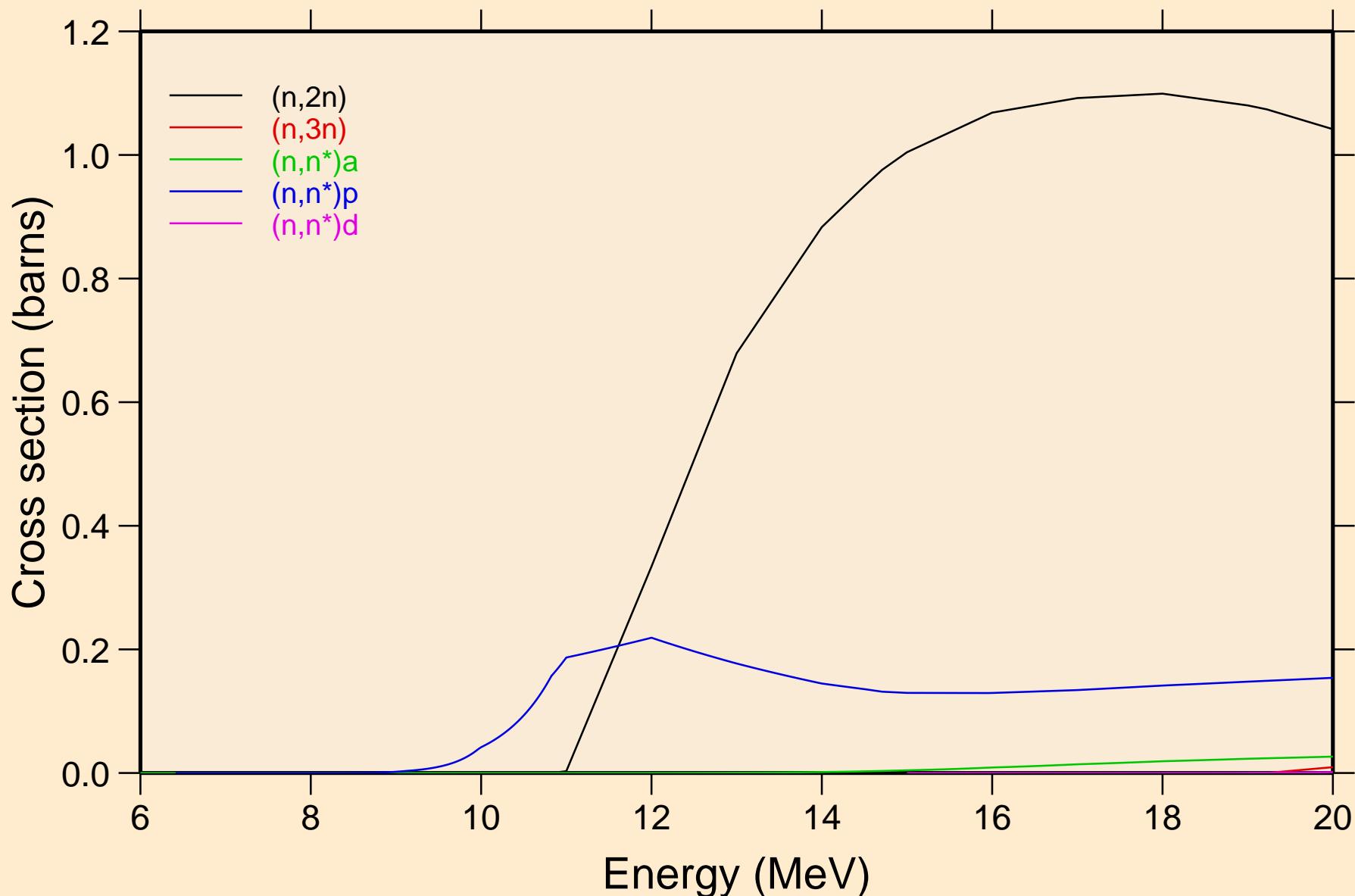


ENDF/B-VII BR-79  
Inelastic levels



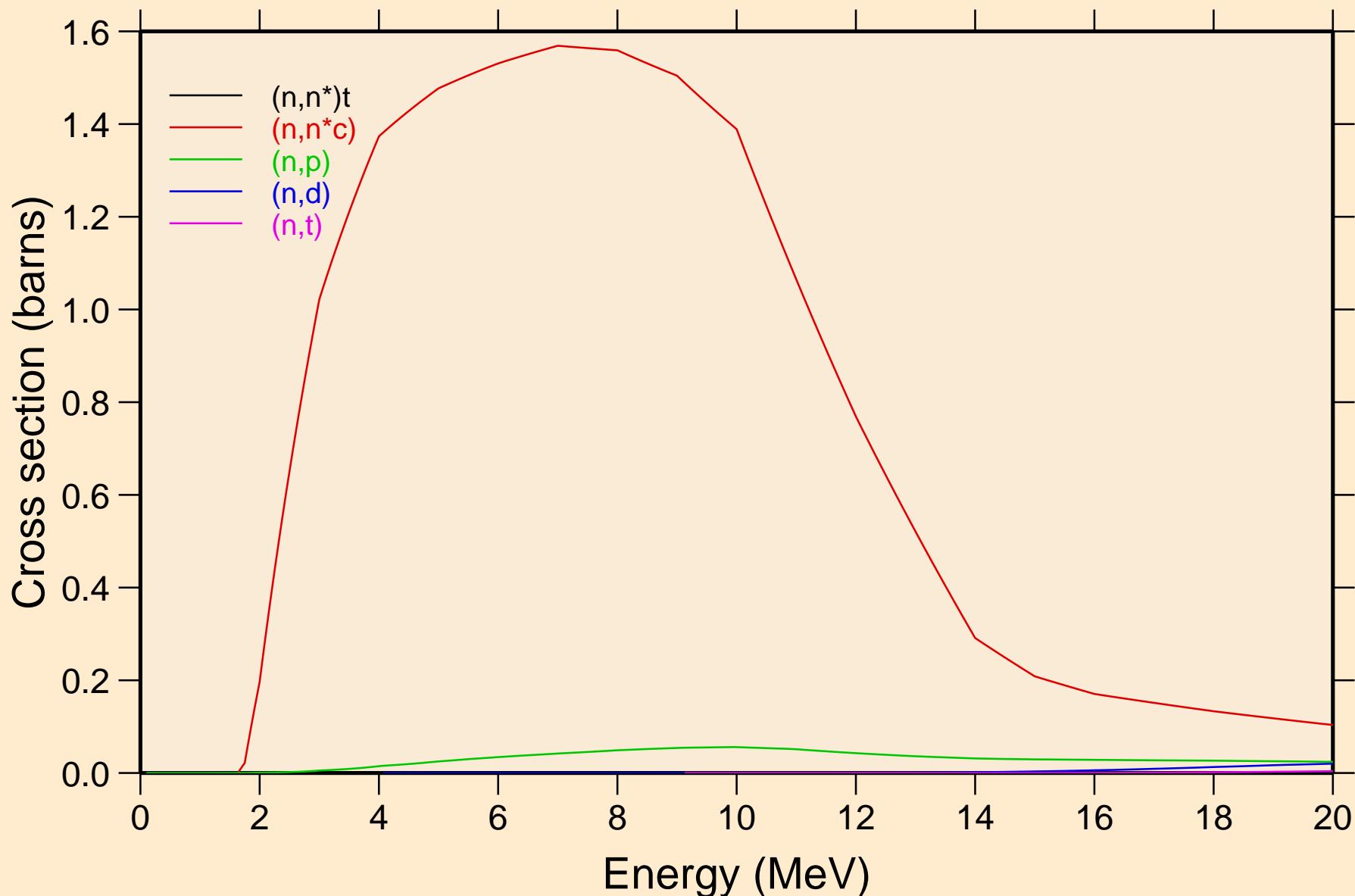
# ENDF/B-VII BR-79

## Threshold reactions



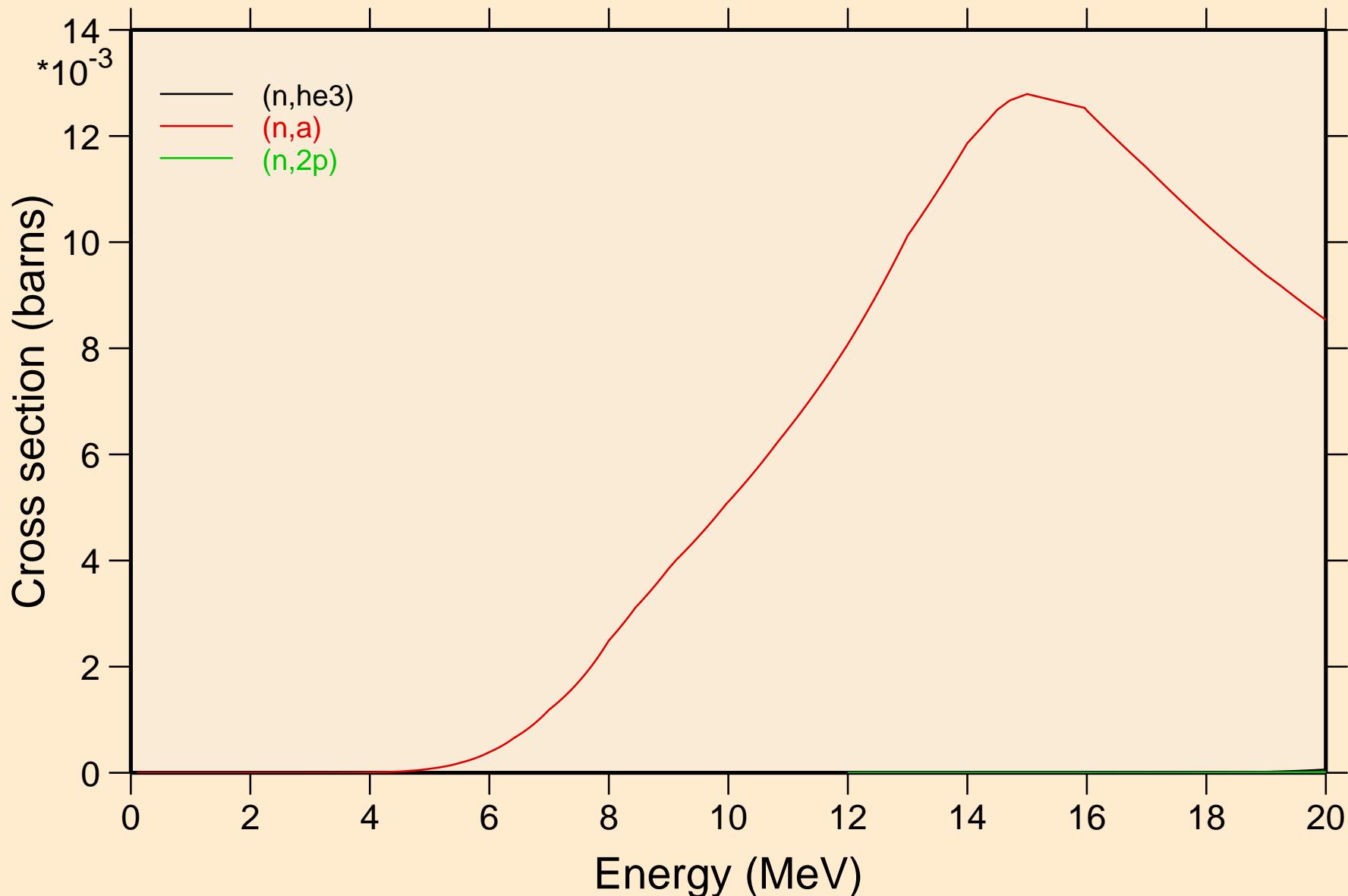
# ENDF/B-VII BR-79

## Threshold reactions



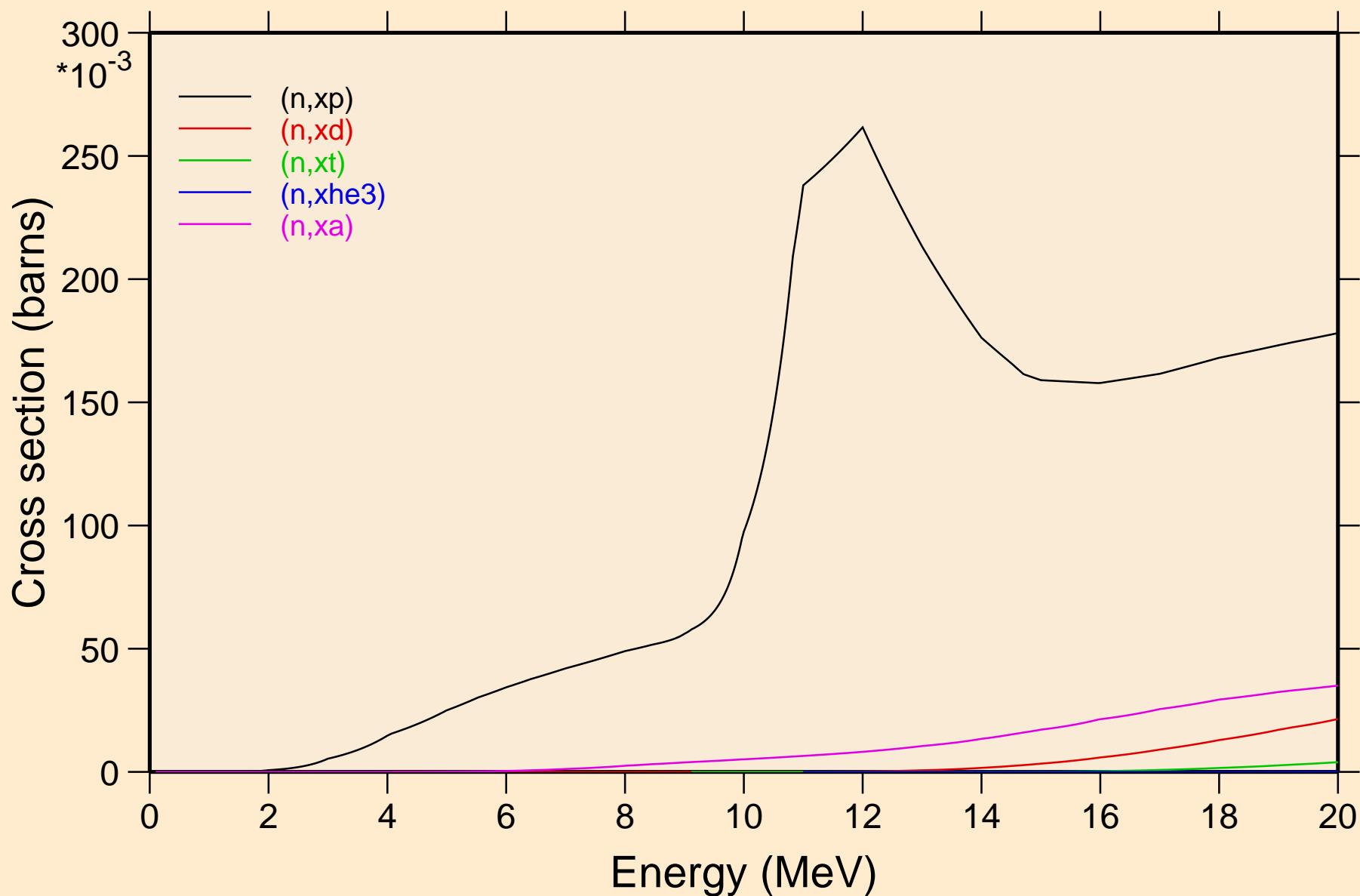
# ENDF/B-VII BR-79

## Threshold reactions



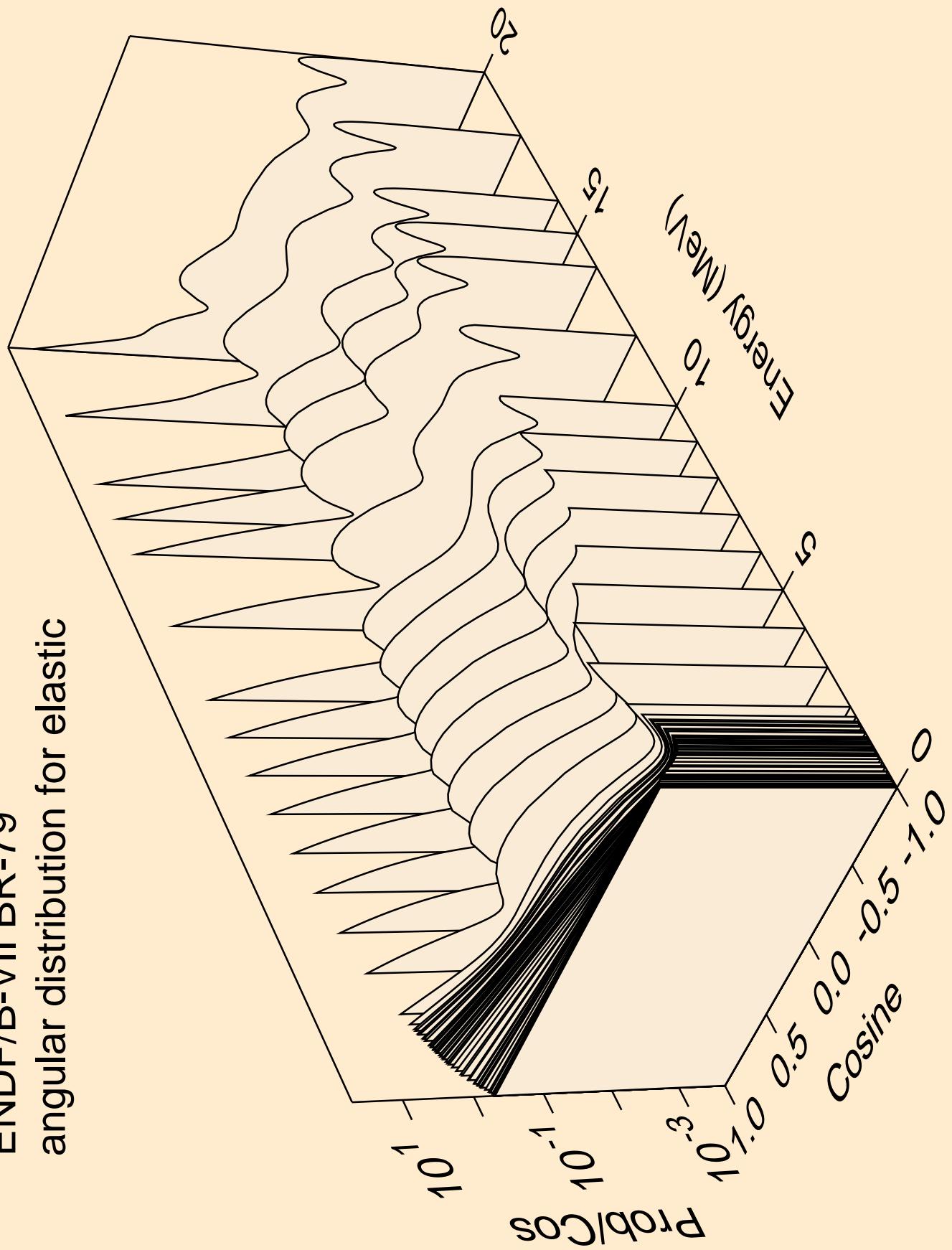
# ENDF/B-VII BR-79

## Threshold reactions

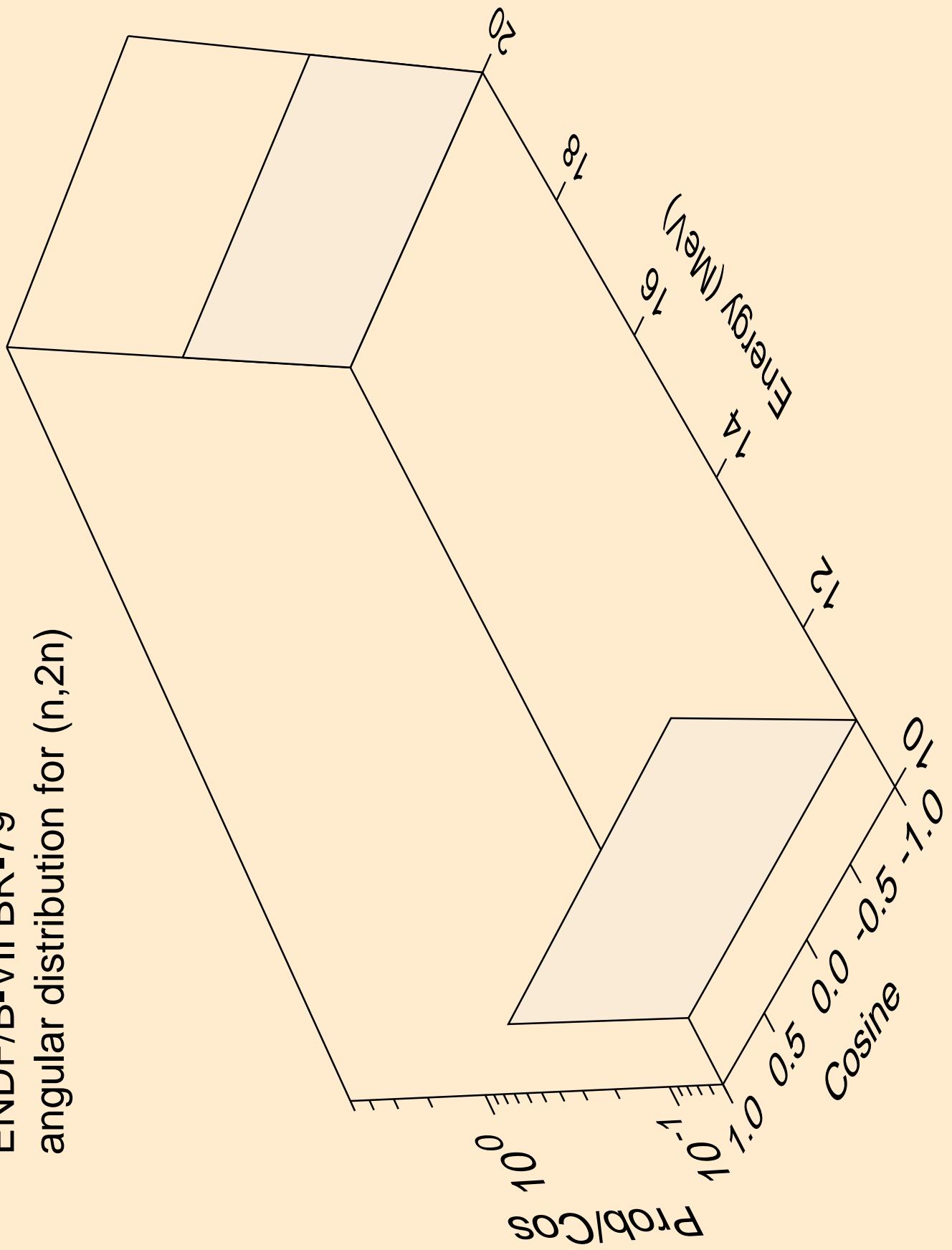


ENDF/B-VII BR-79

angular distribution for elastic

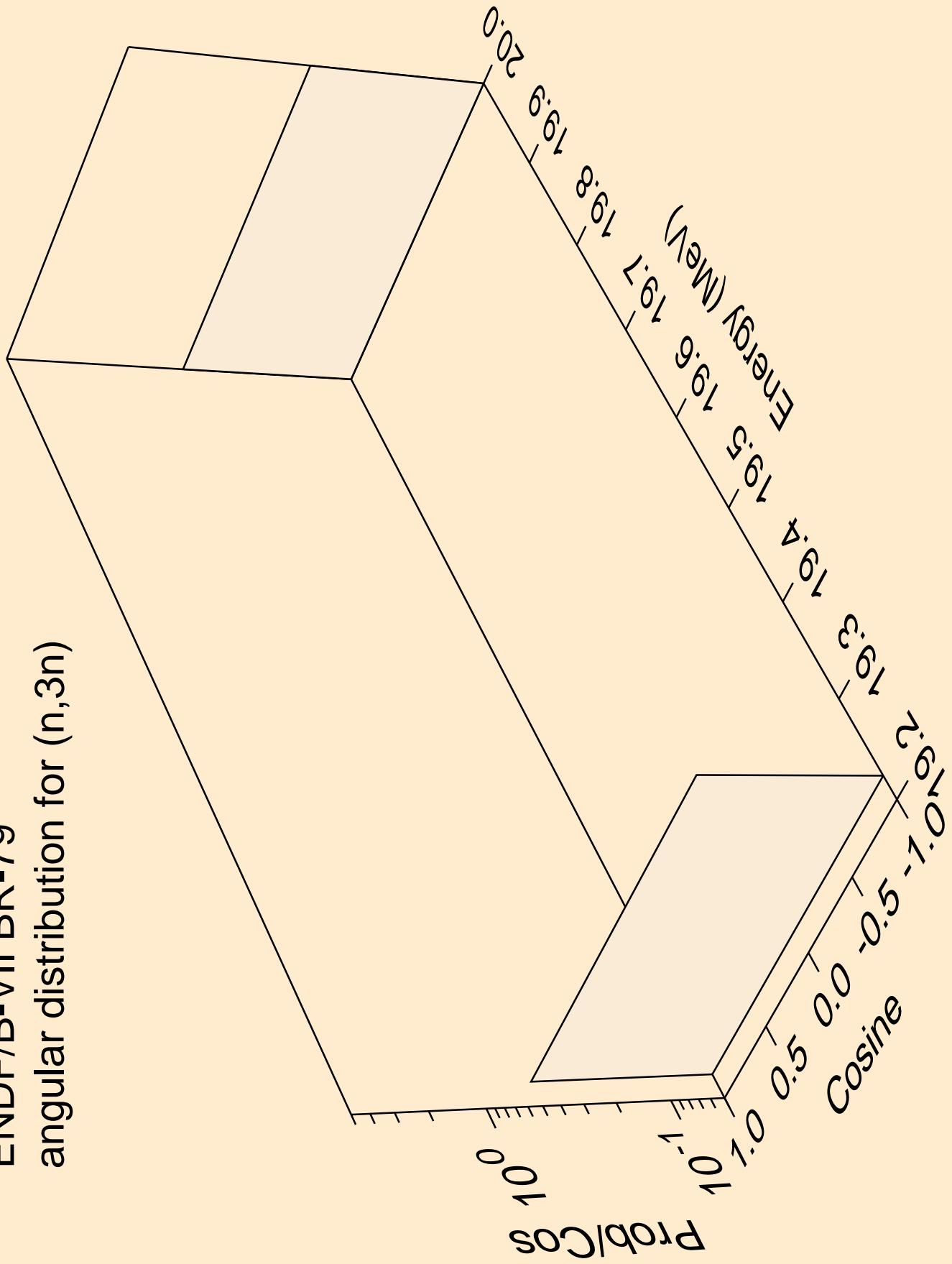


ENDF/B-VII BR-79  
angular distribution for (n,2n)



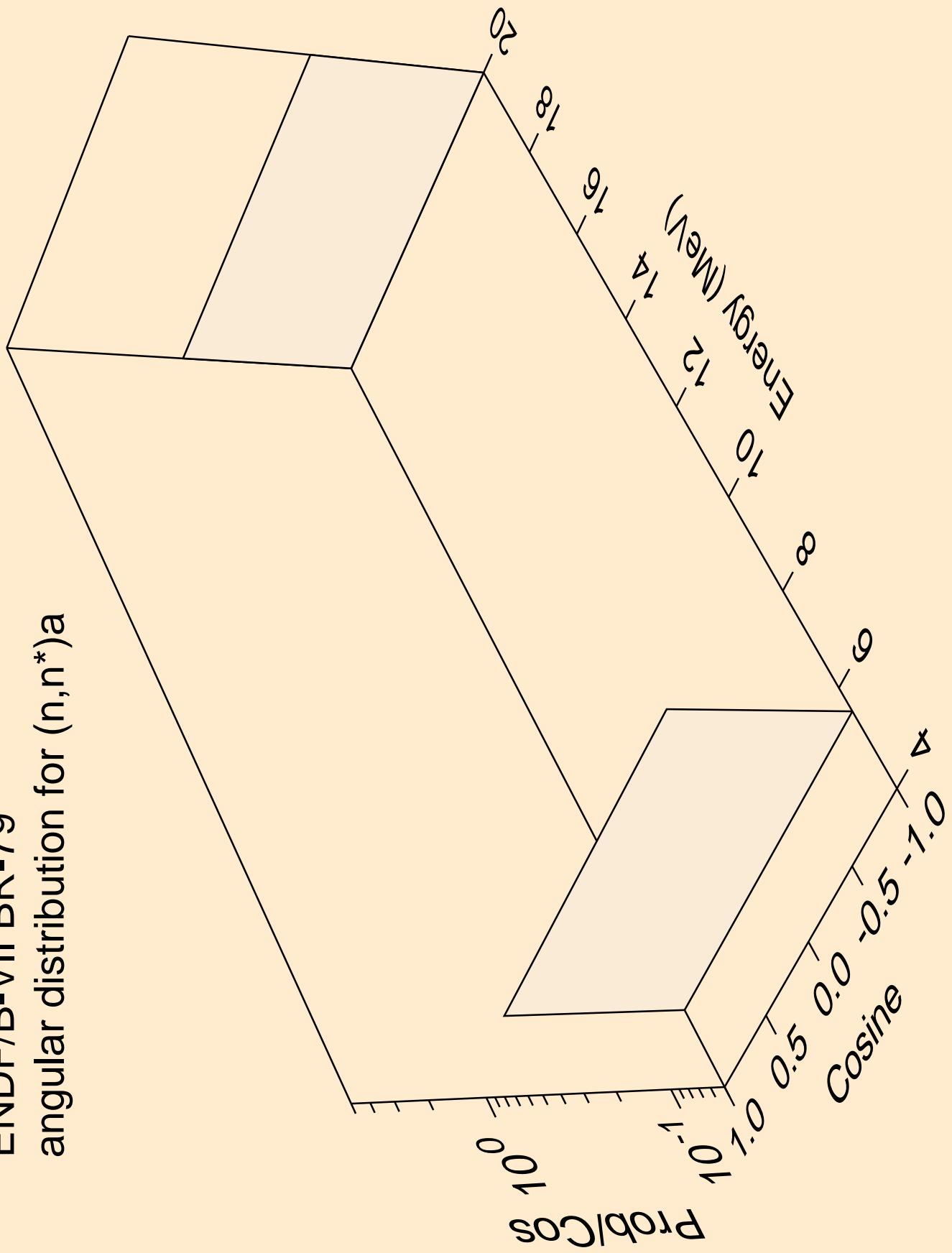
ENDF/B-VII BR-79

angular distribution for (n,3n)



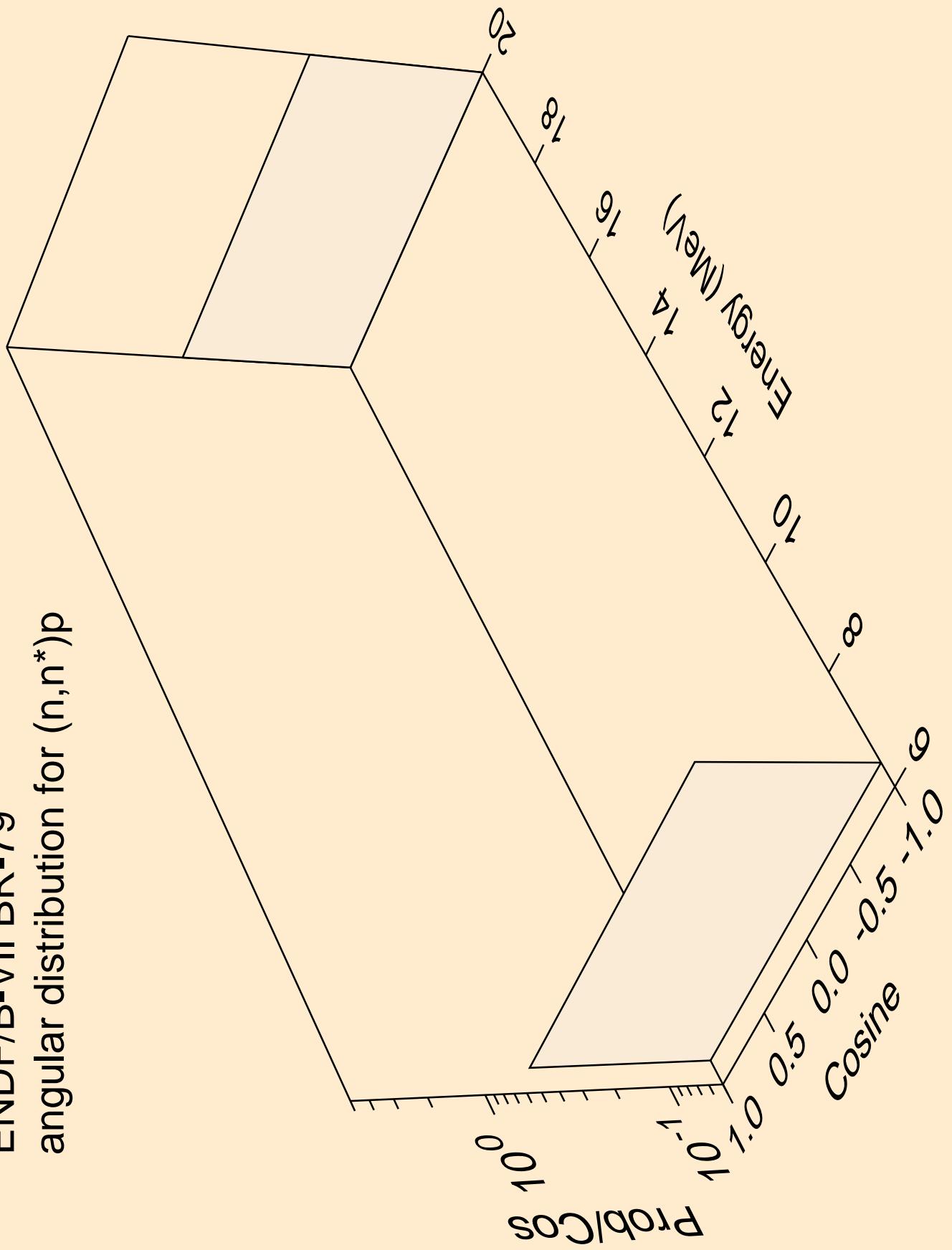
ENDF/B-VII BR-79

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



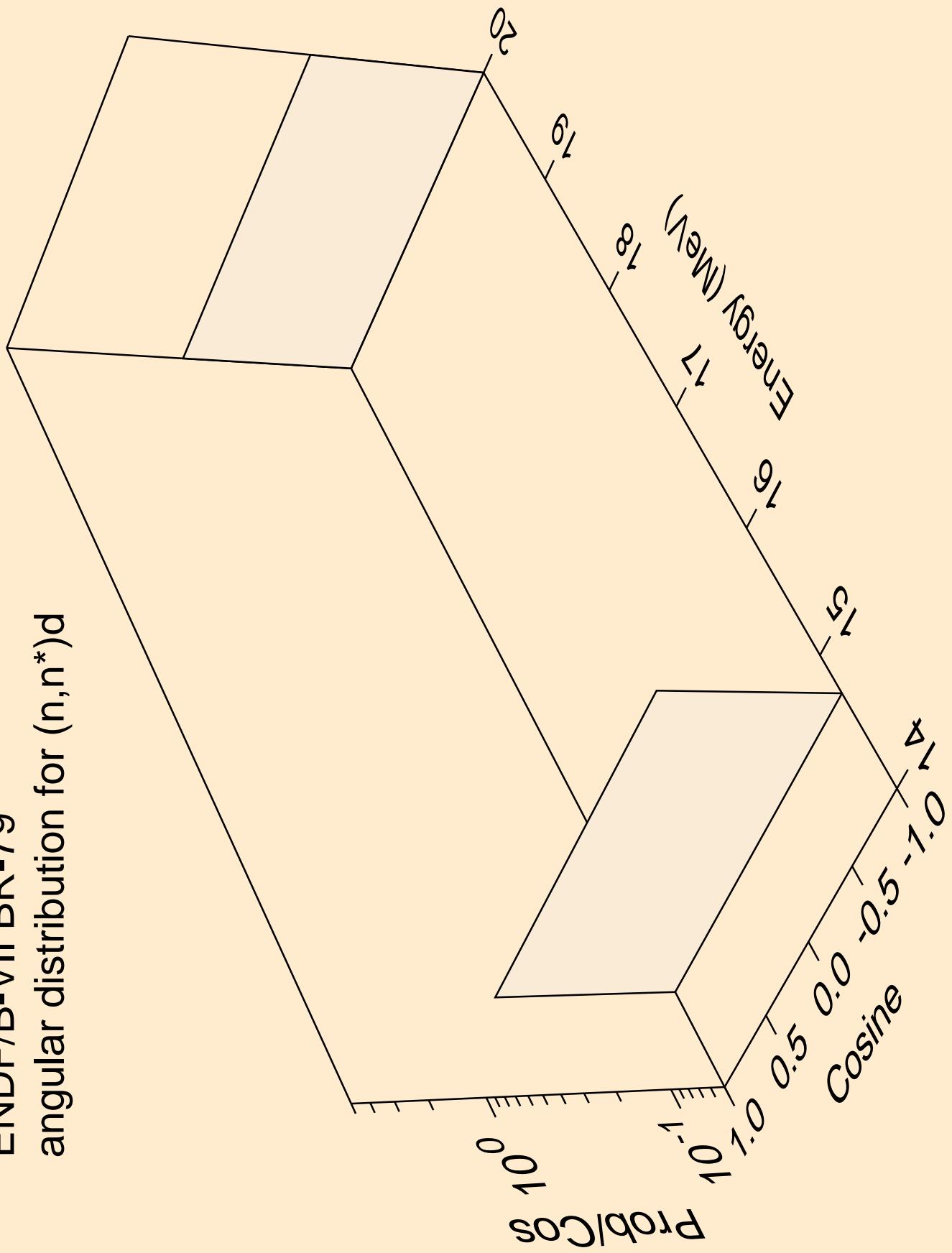
ENDF/B-VII BR-79

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



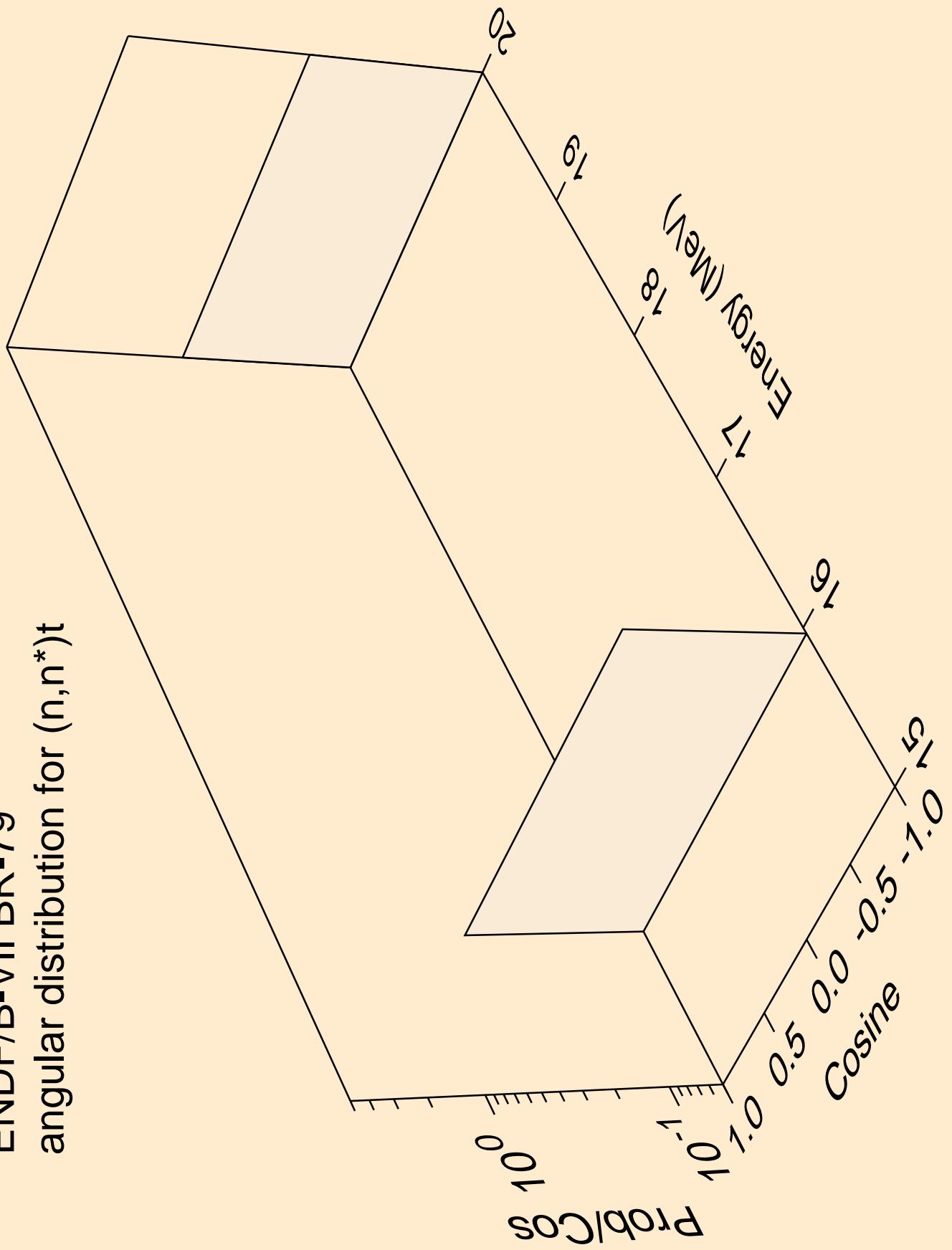
ENDF/B-VII BR-79

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



ENDF/B-VII BR-79

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



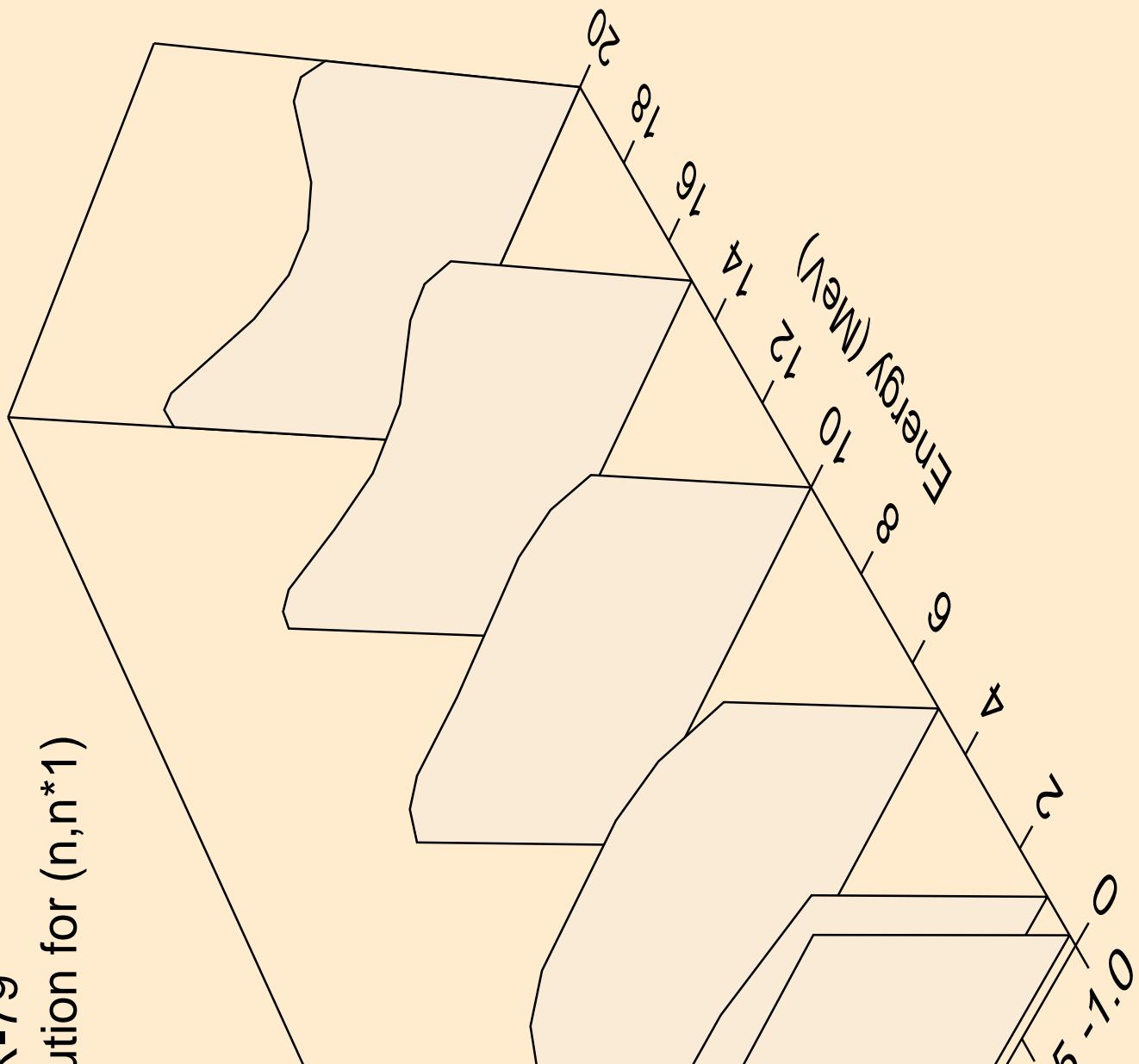
ENDF/B-VII BR-79

angular distribution for (n,n\*1)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



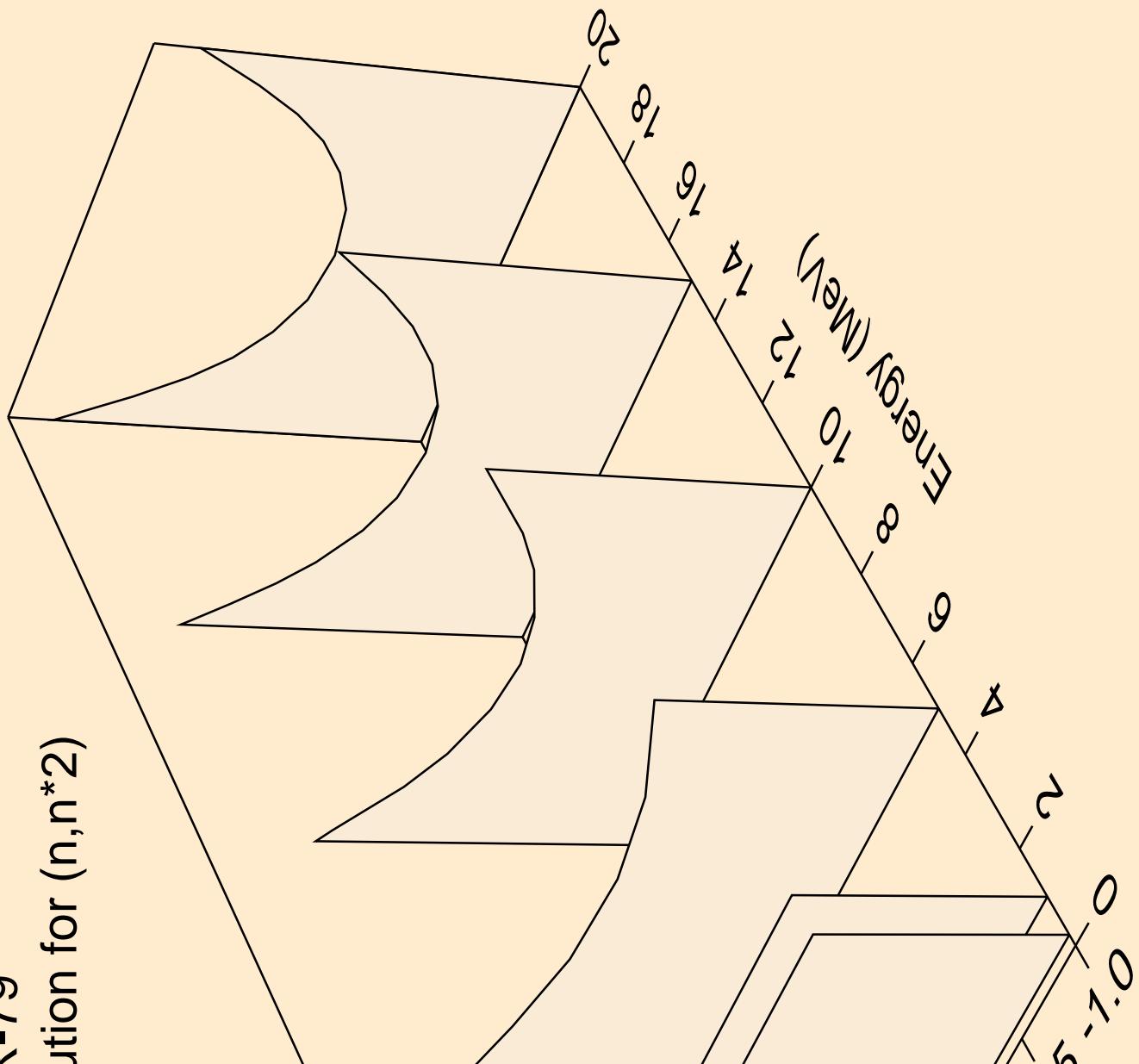
ENDF/B-VII BR-79

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

$10^0$

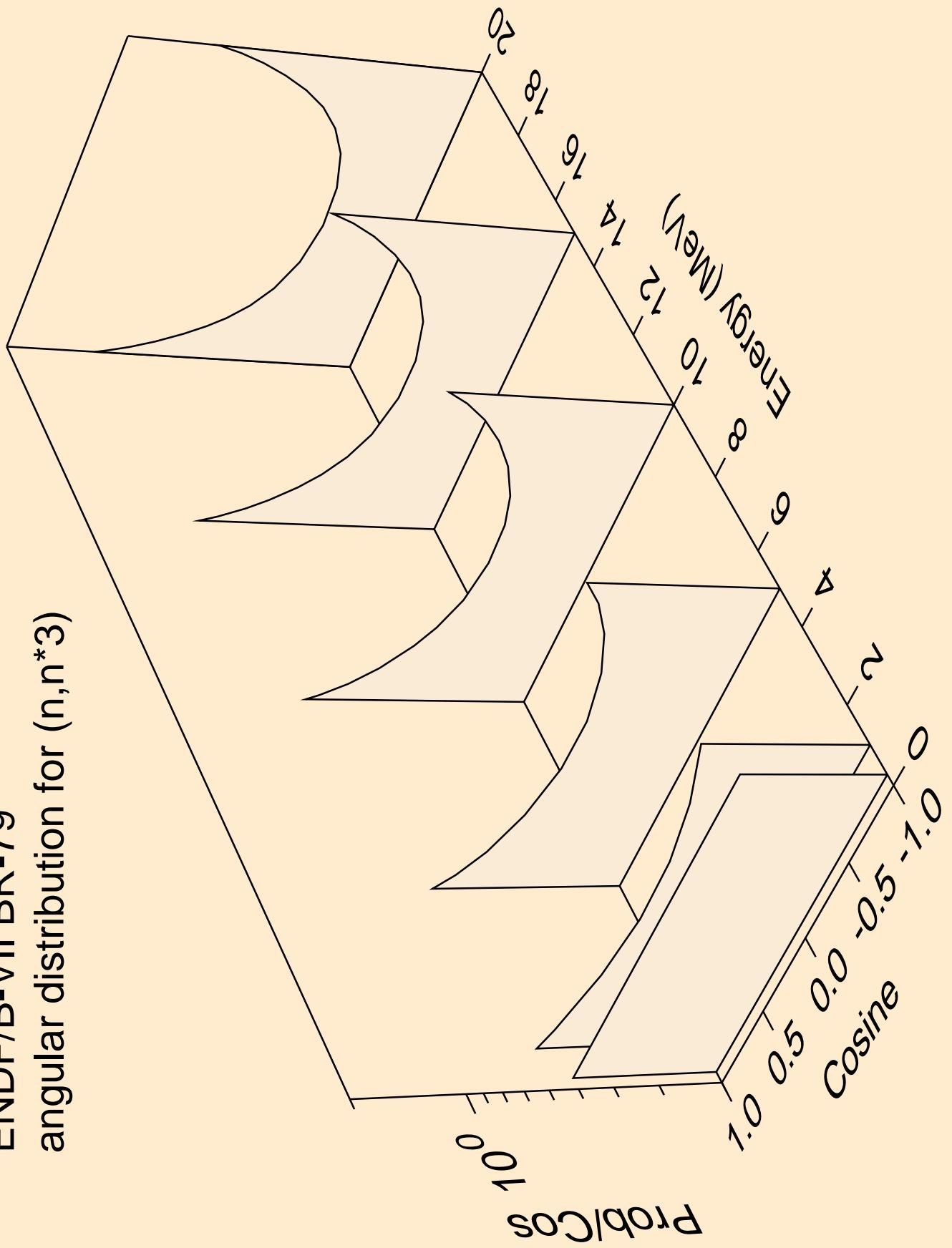
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



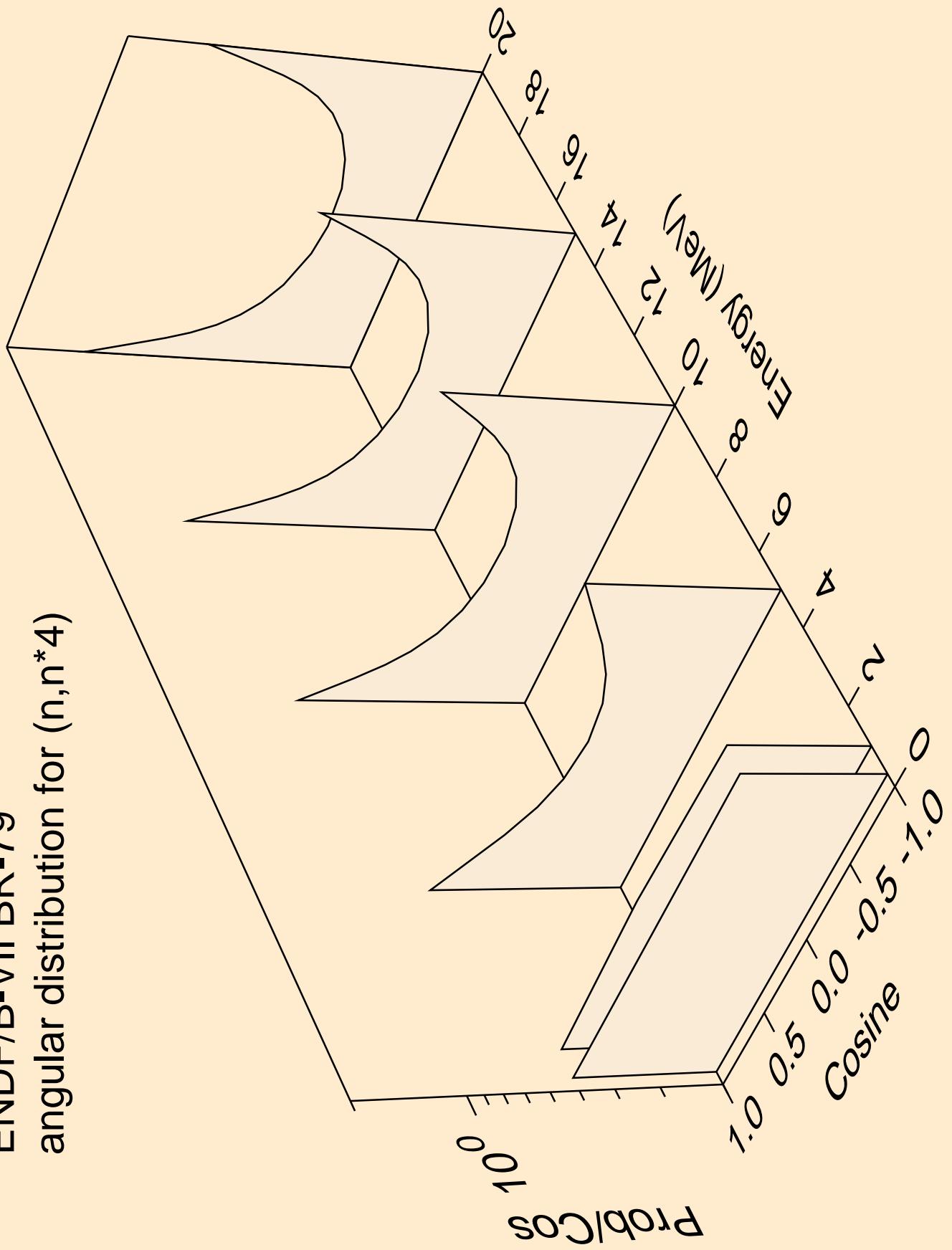
ENDF/B-VII BR-79

angular distribution for (n,n\*3)



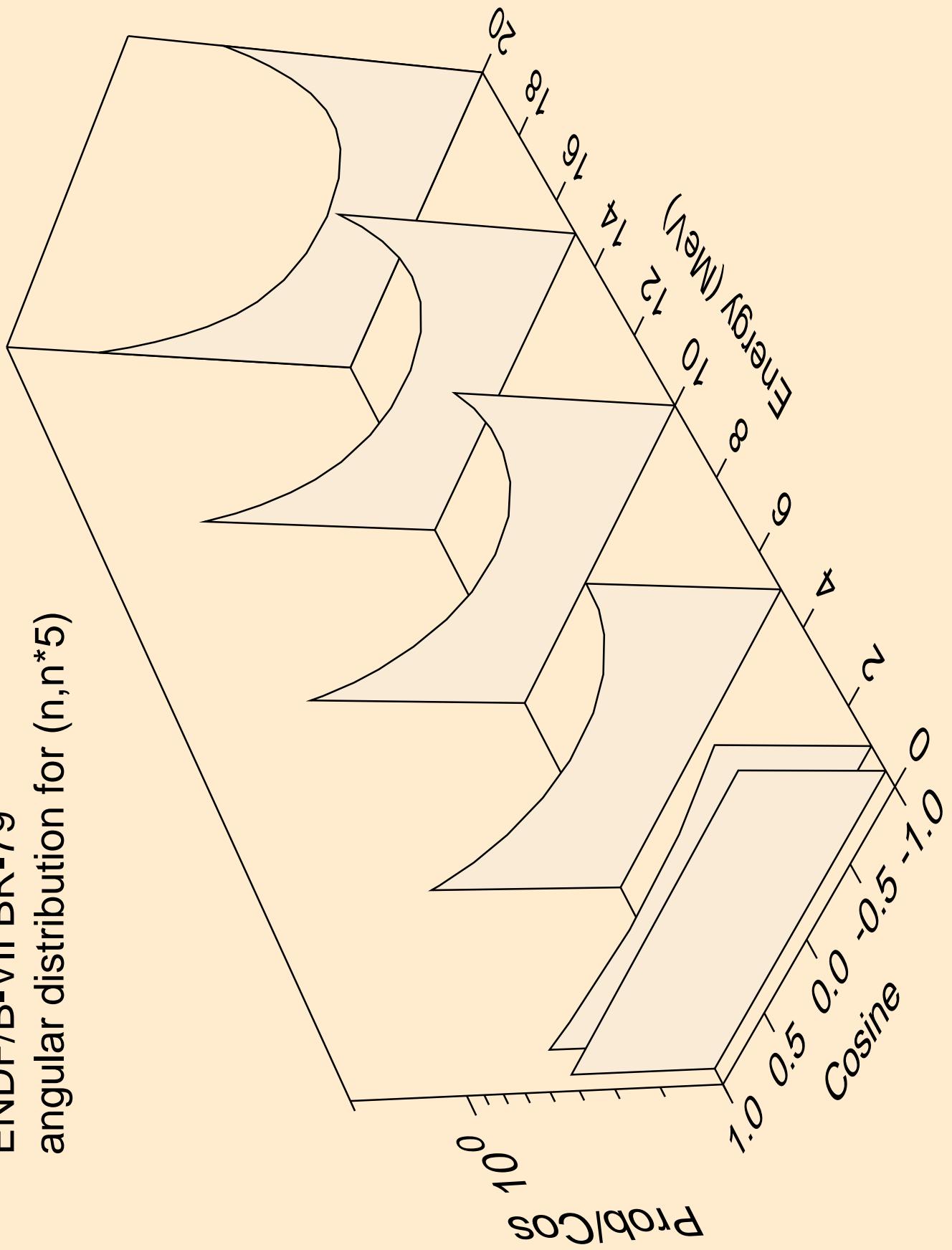
ENDF/B-VII BR-79

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



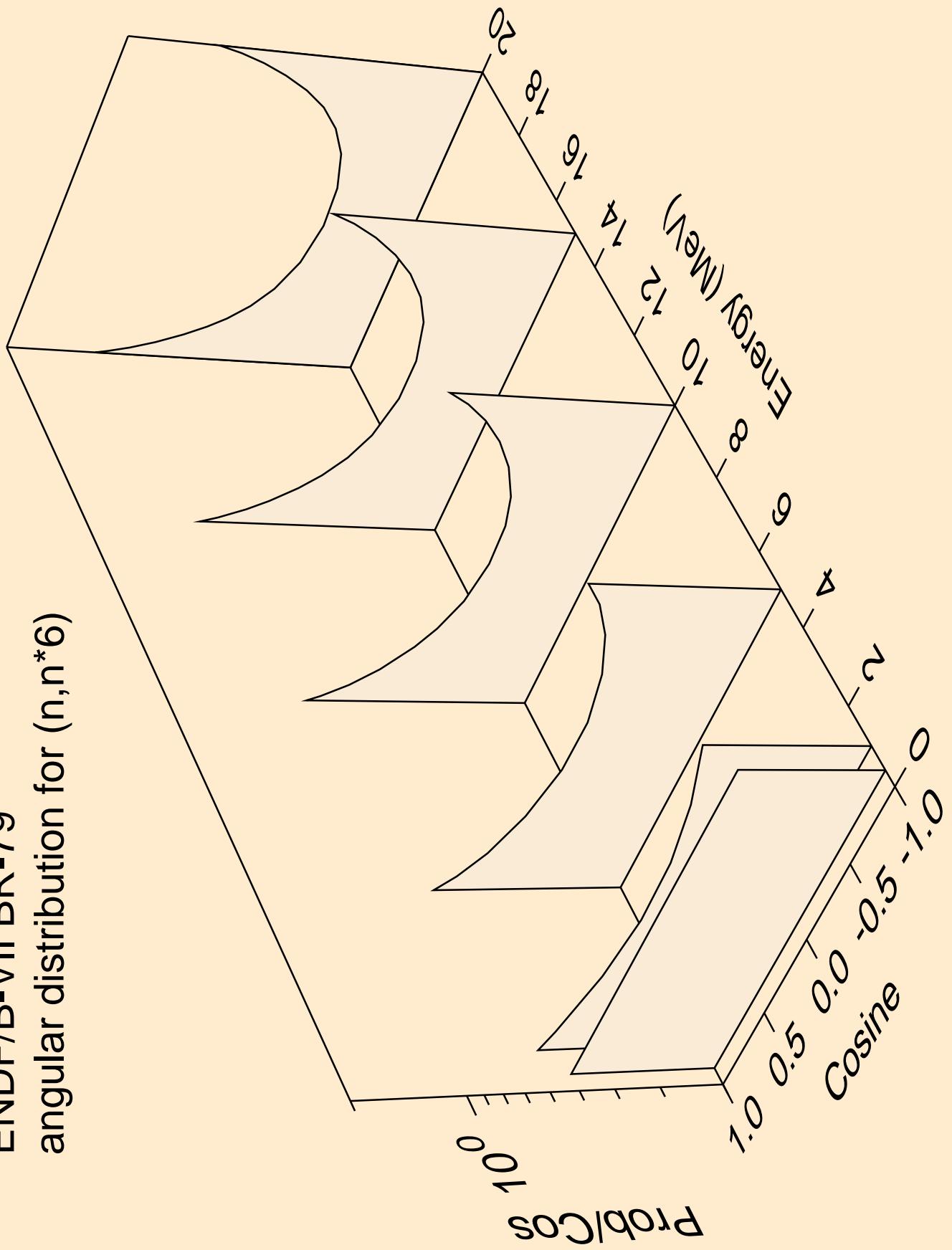
ENDF/B-VII BR-79

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



ENDF/B-VII BR-79

angular distribution for (n,n\*6)



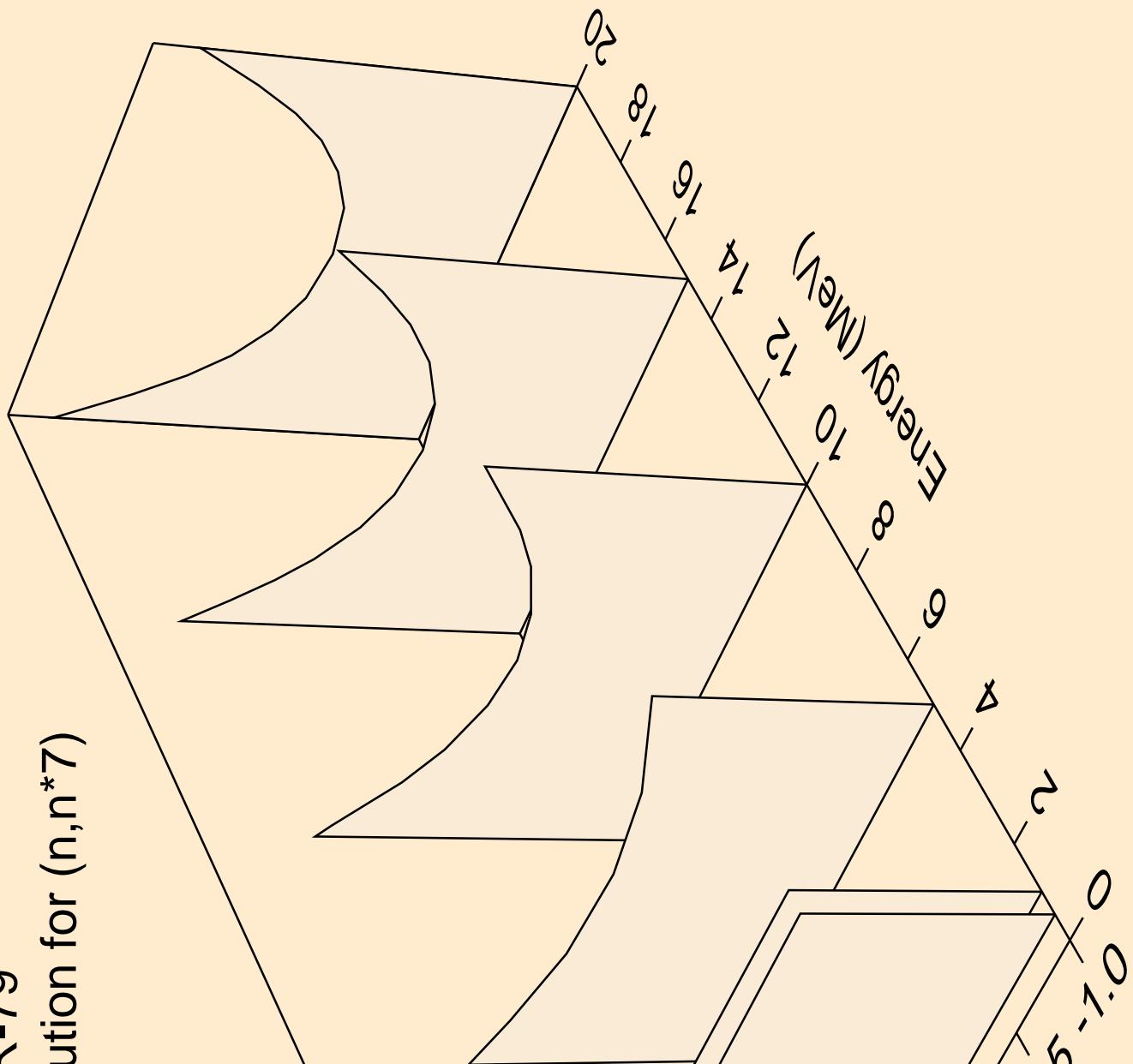
ENDF/B-VII BR-79

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

$10^0$

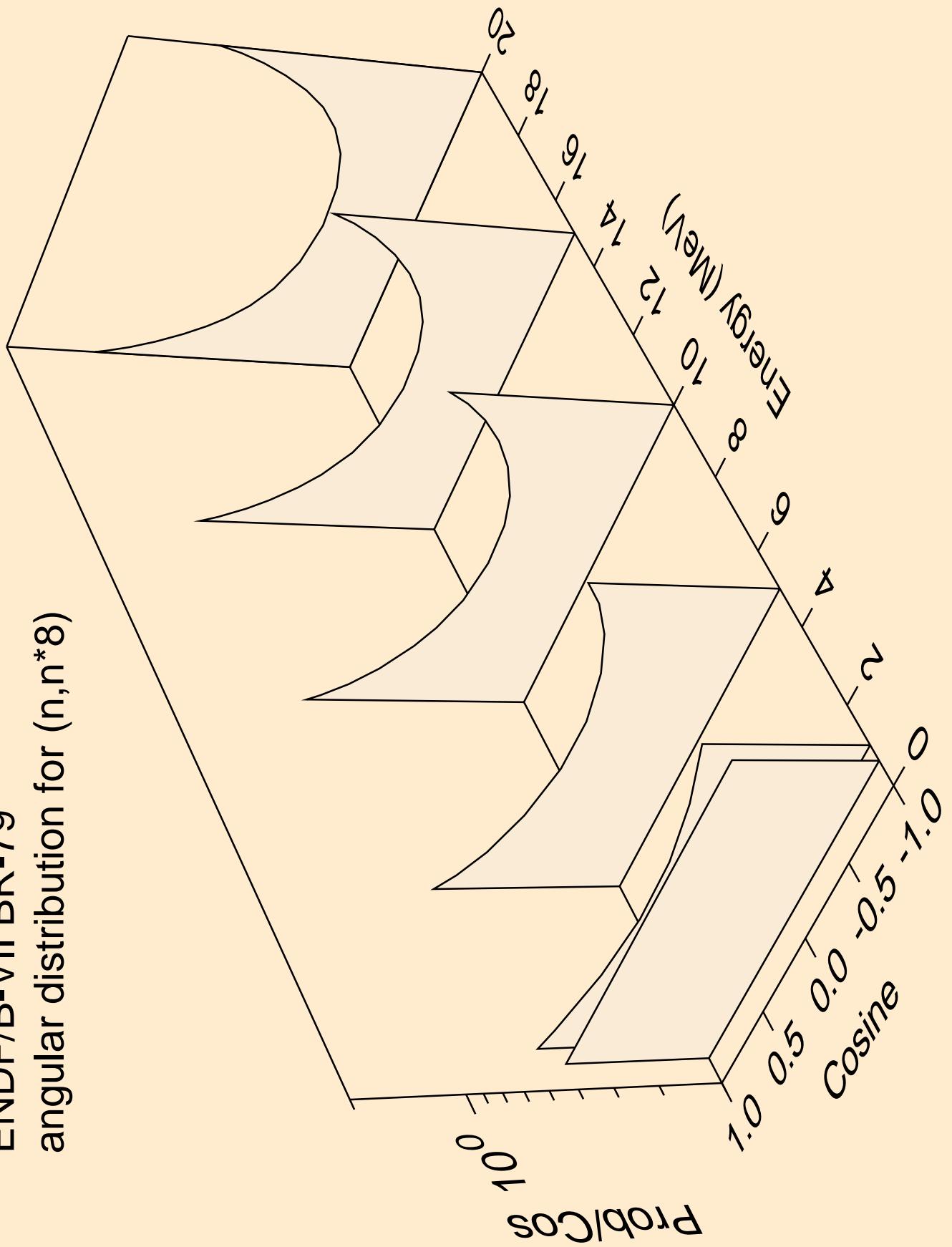
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII BR-79

angular distribution for (n,n\*8)



ENDF/B-VII BR-79

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

Energy (MeV)  
10 8 6 4 2 0

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII BR-79

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

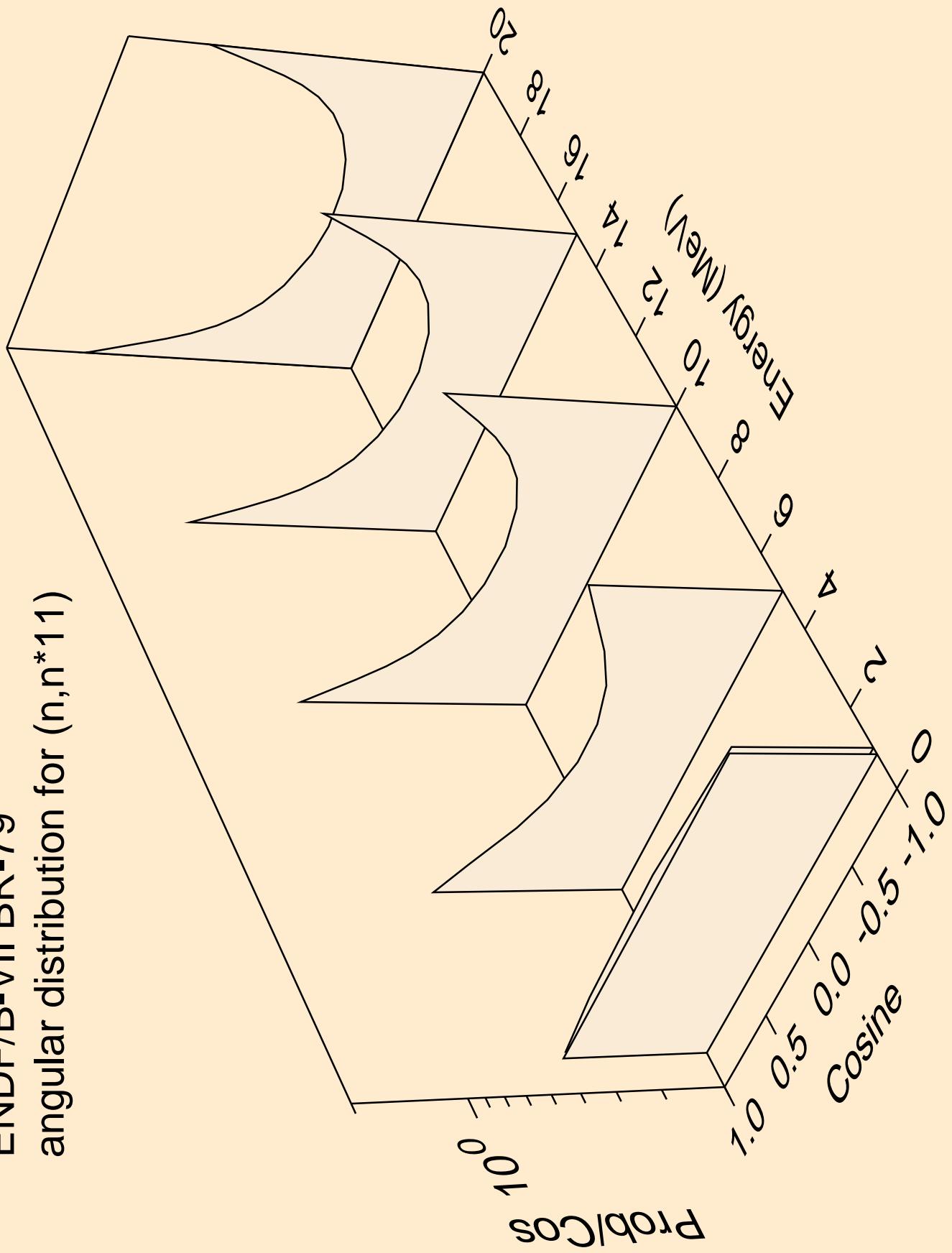
4

2

0

ENDF/B-VII BR-79

angular distribution for (n,n\*11)



ENDF/B-VII BR-79

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  
Energy (MeV)

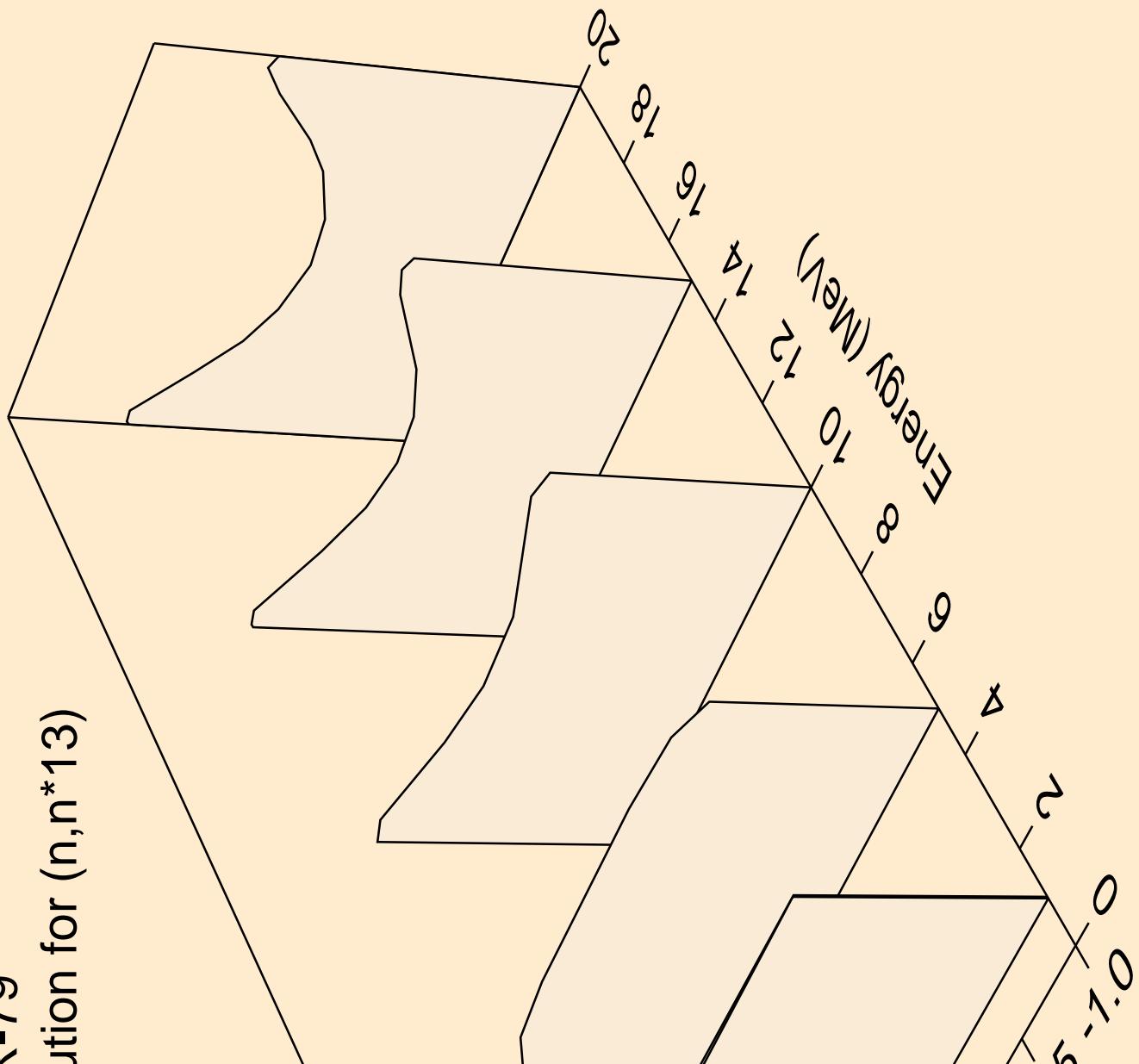
ENDF/B-VII BR-79

angular distribution for (n,n\*13)

$10^0$

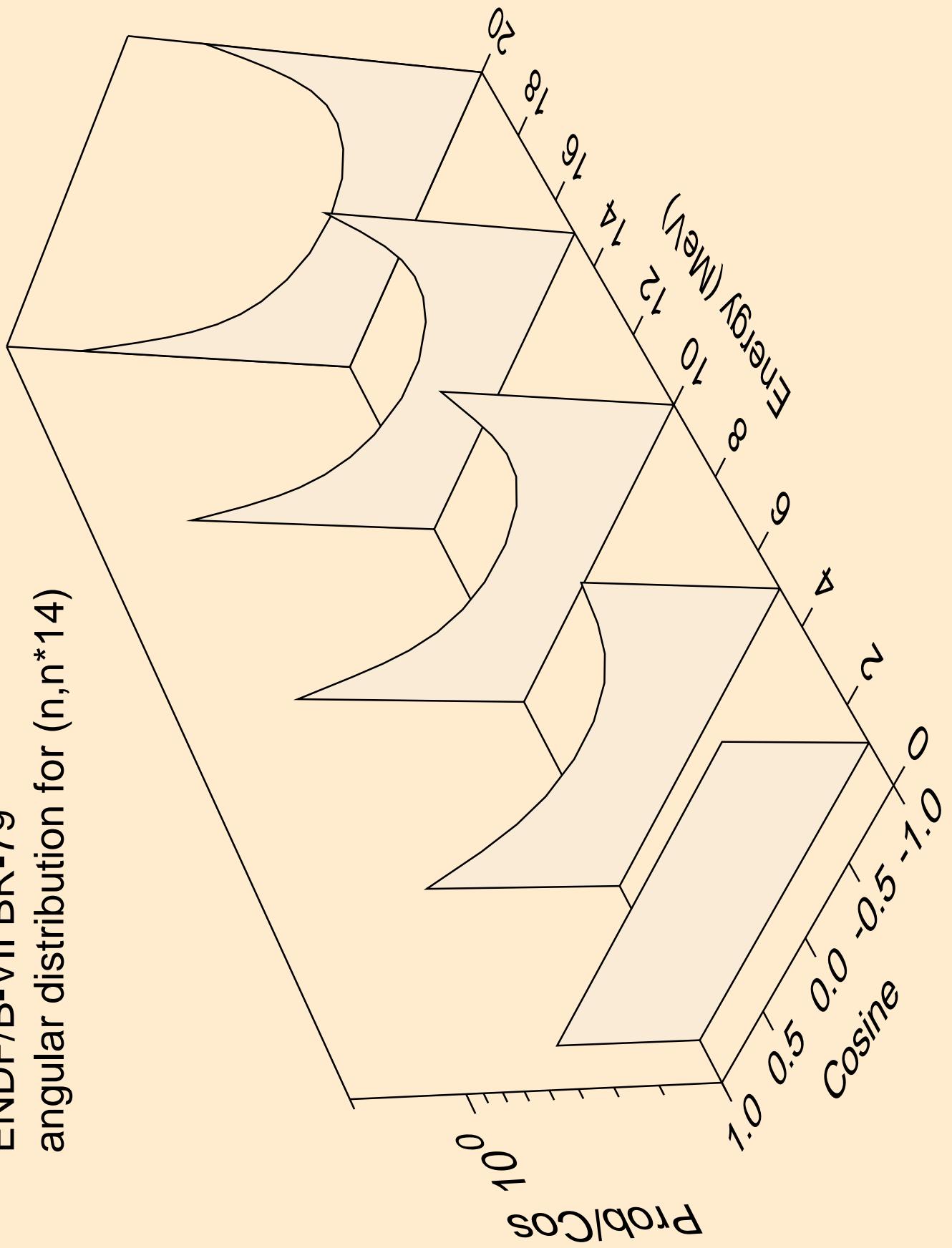
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII BR-79

angular distribution for (n,n\*14)



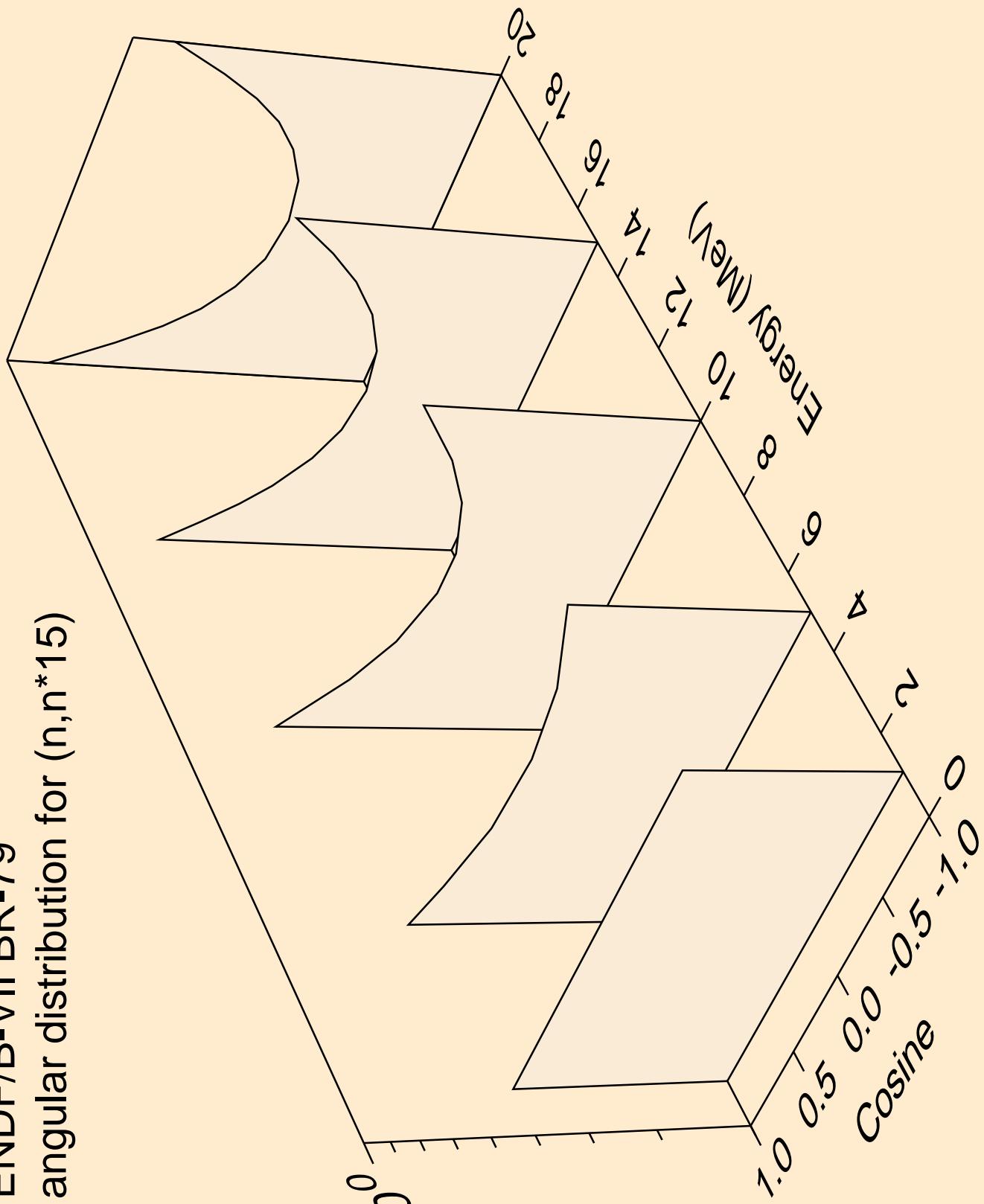
ENDF/B-VII BR-79

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



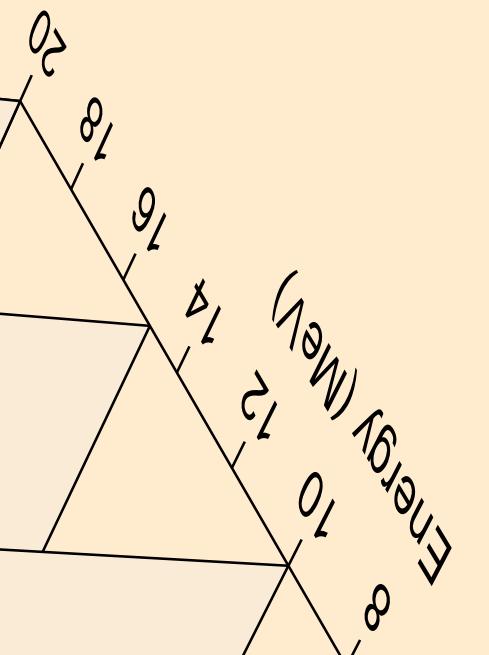
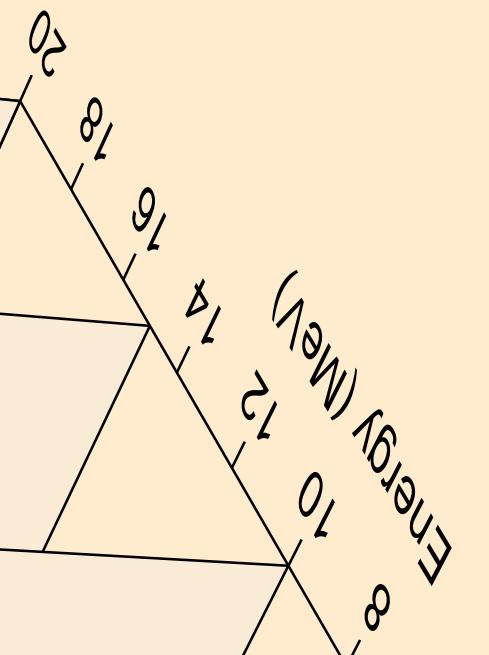
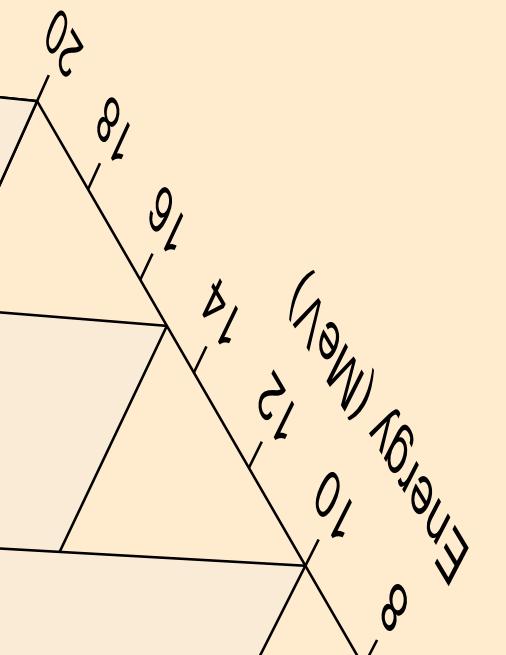
ENDF/B-VII BR-79

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

$10^0$

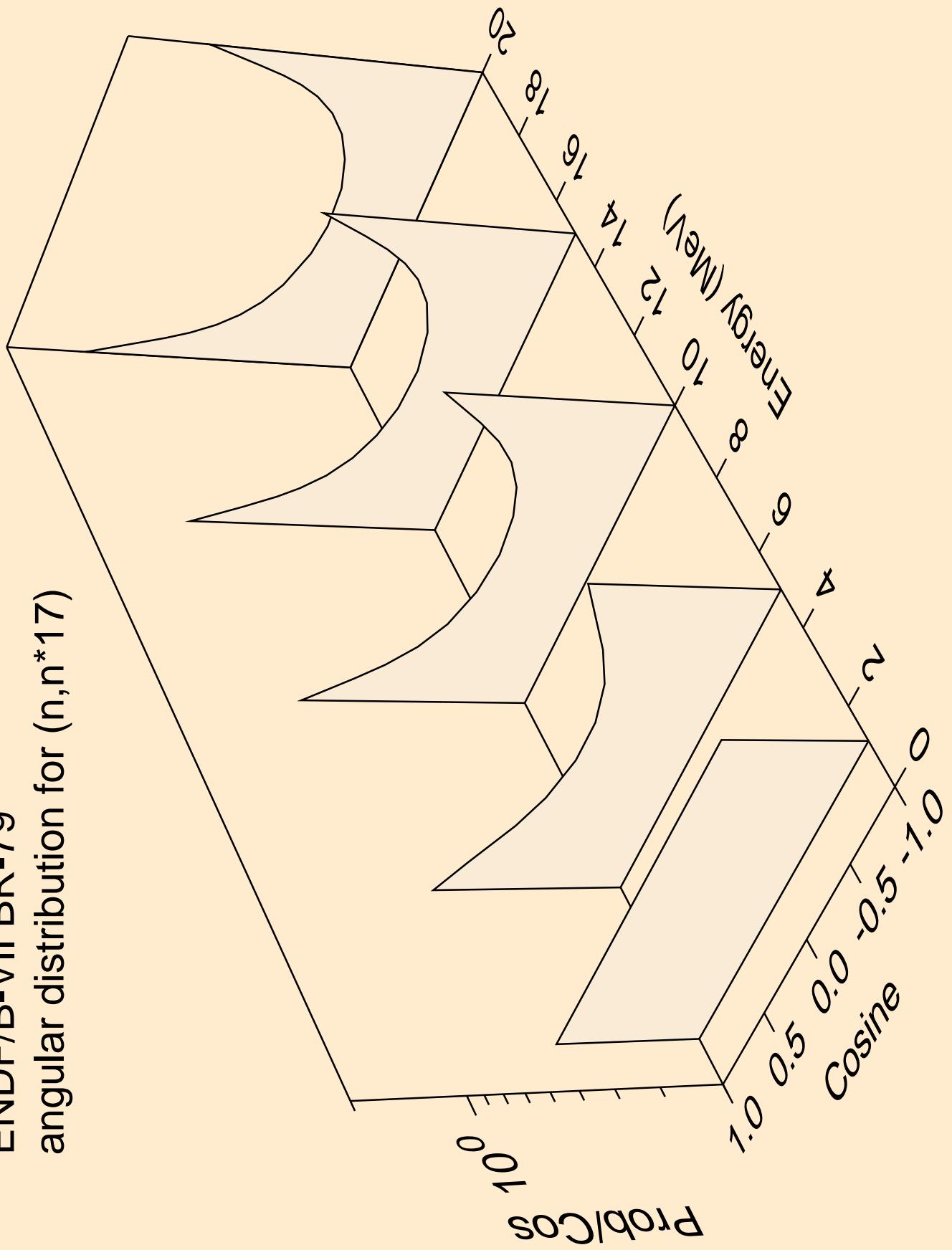
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII BR-79

angular distribution for (n,n\*17)



ENDF/B-VII BR-79

angular distribution for  $(n,n^*18)$

$10^0$

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

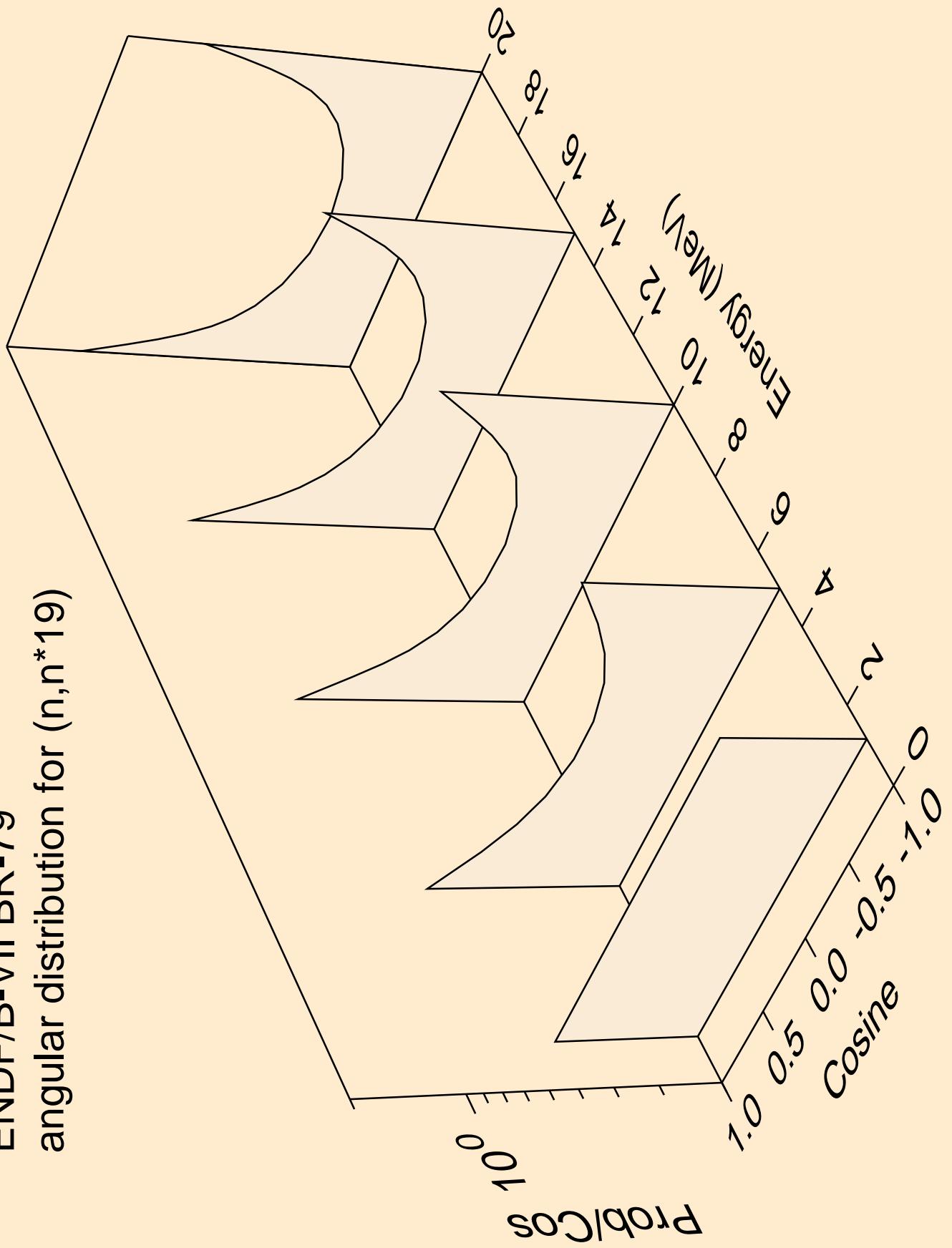
4

2

0

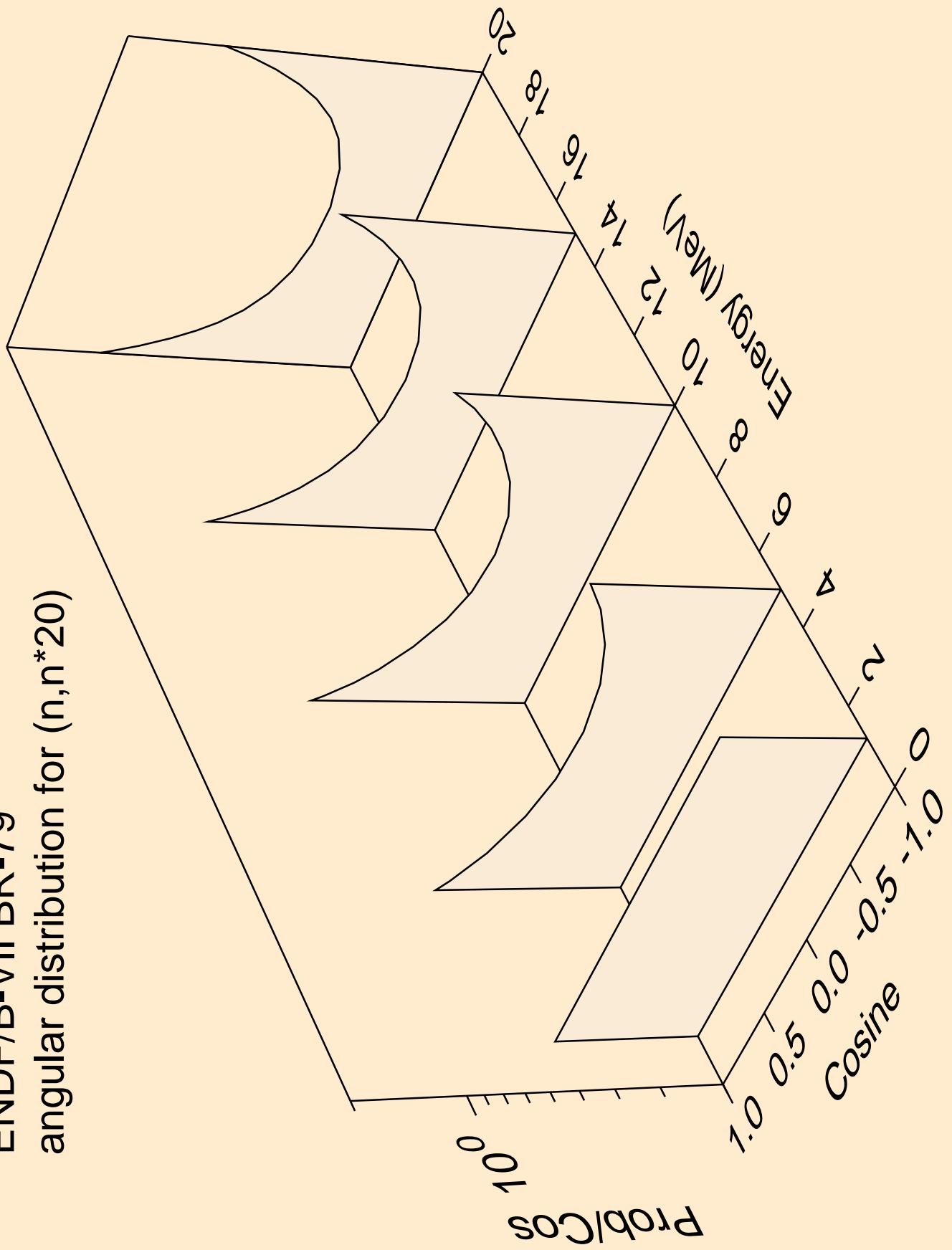
ENDF/B-VII BR-79

angular distribution for (n,n\*19)



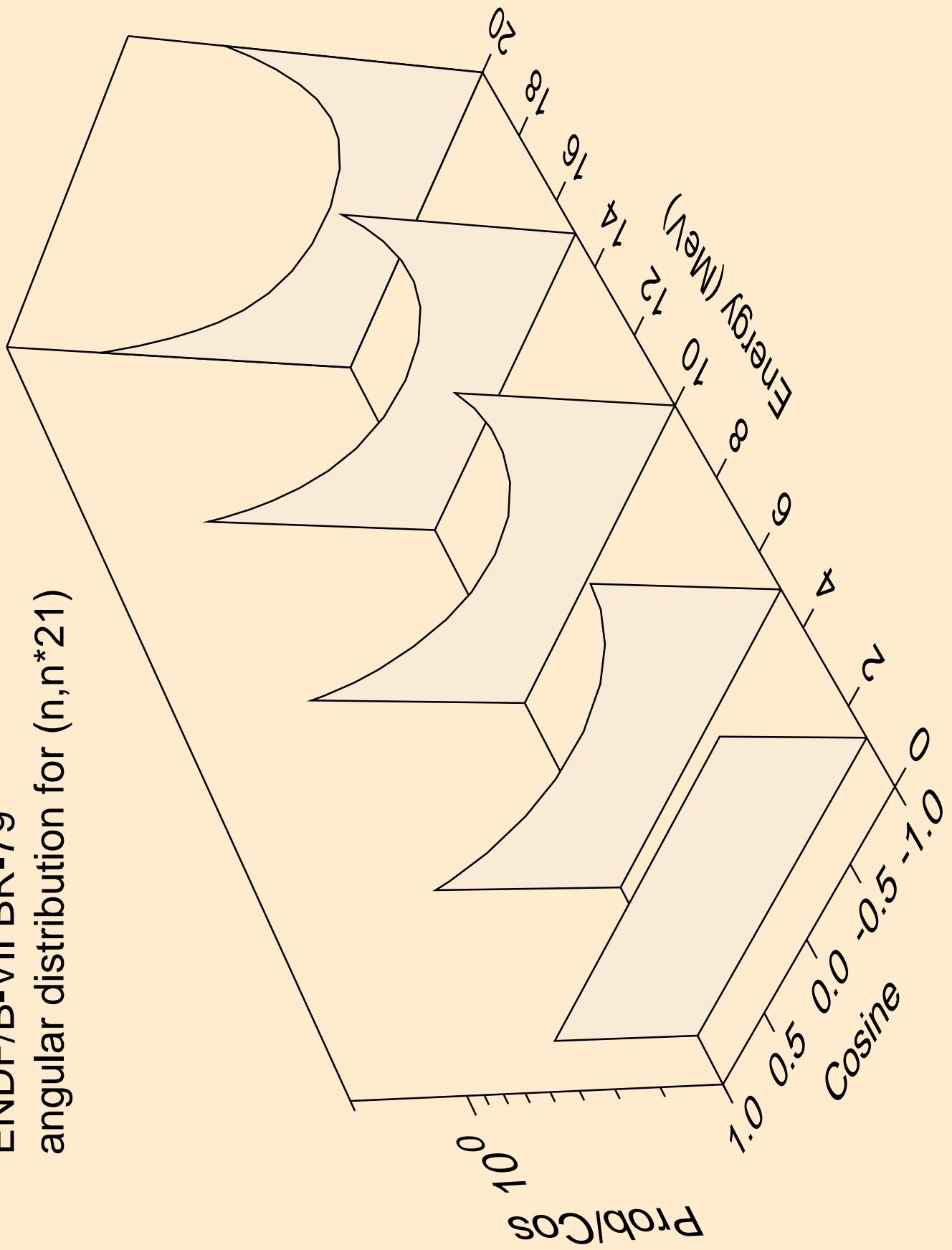
ENDF/B-VII BR-79

angular distribution for  $(n,n^*20)$



ENDF/B-VII BR-79

angular distribution for  $(n,n^*21)$



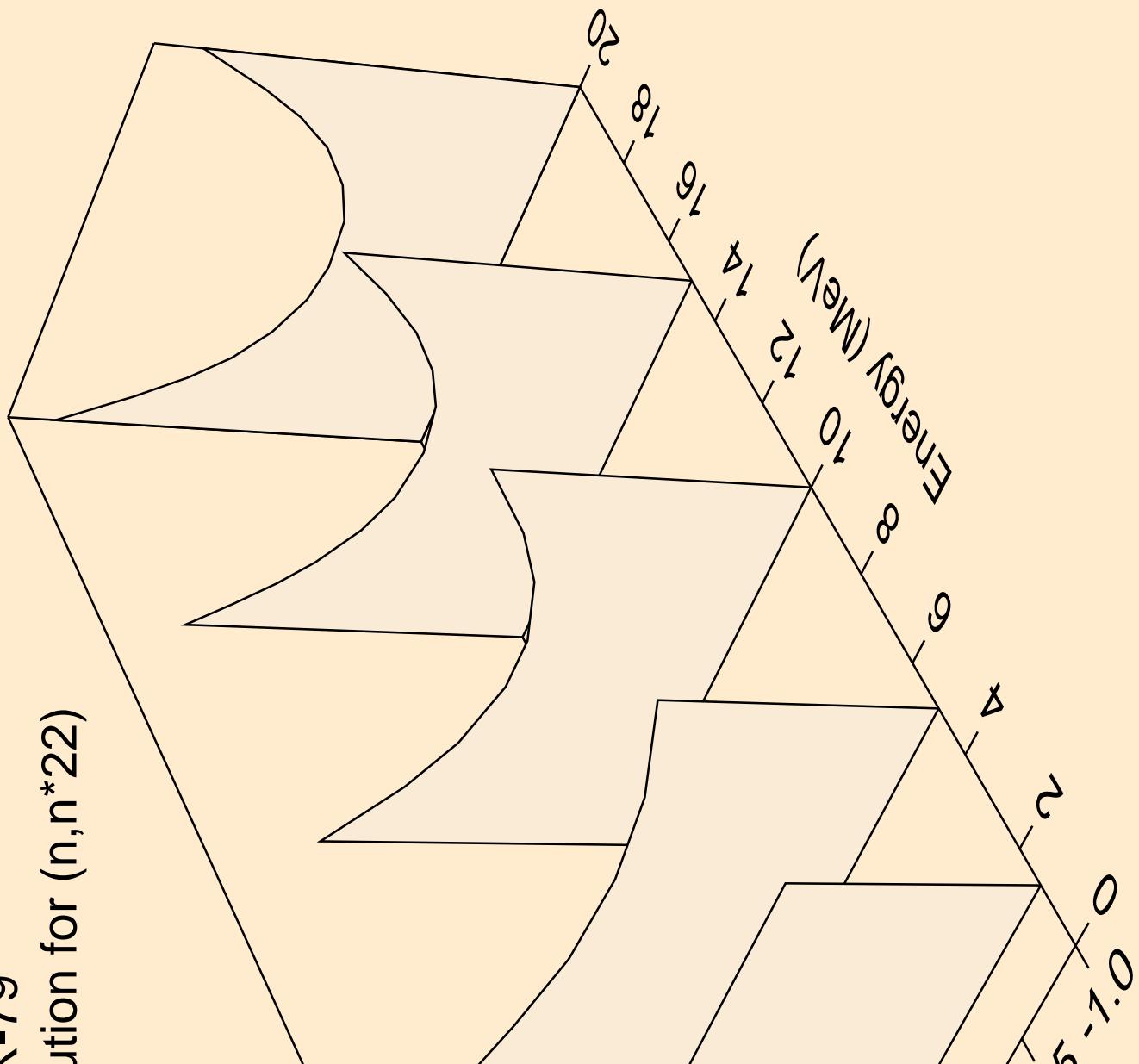
ENDF/B-VII BR-79

angular distribution for  $(n,n^*22)$

$10^0$

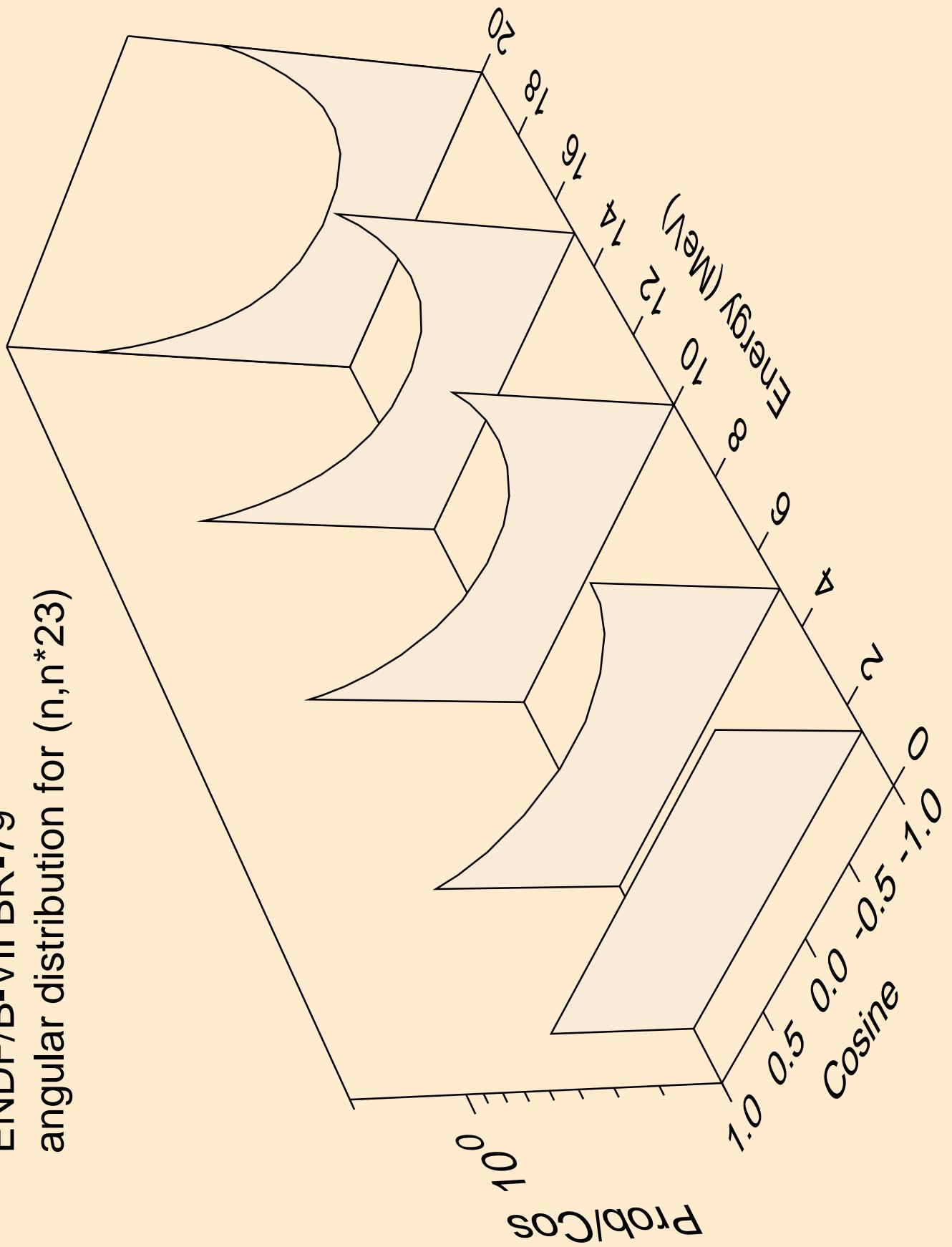
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII BR-79

angular distribution for  $(n,n^*23)$



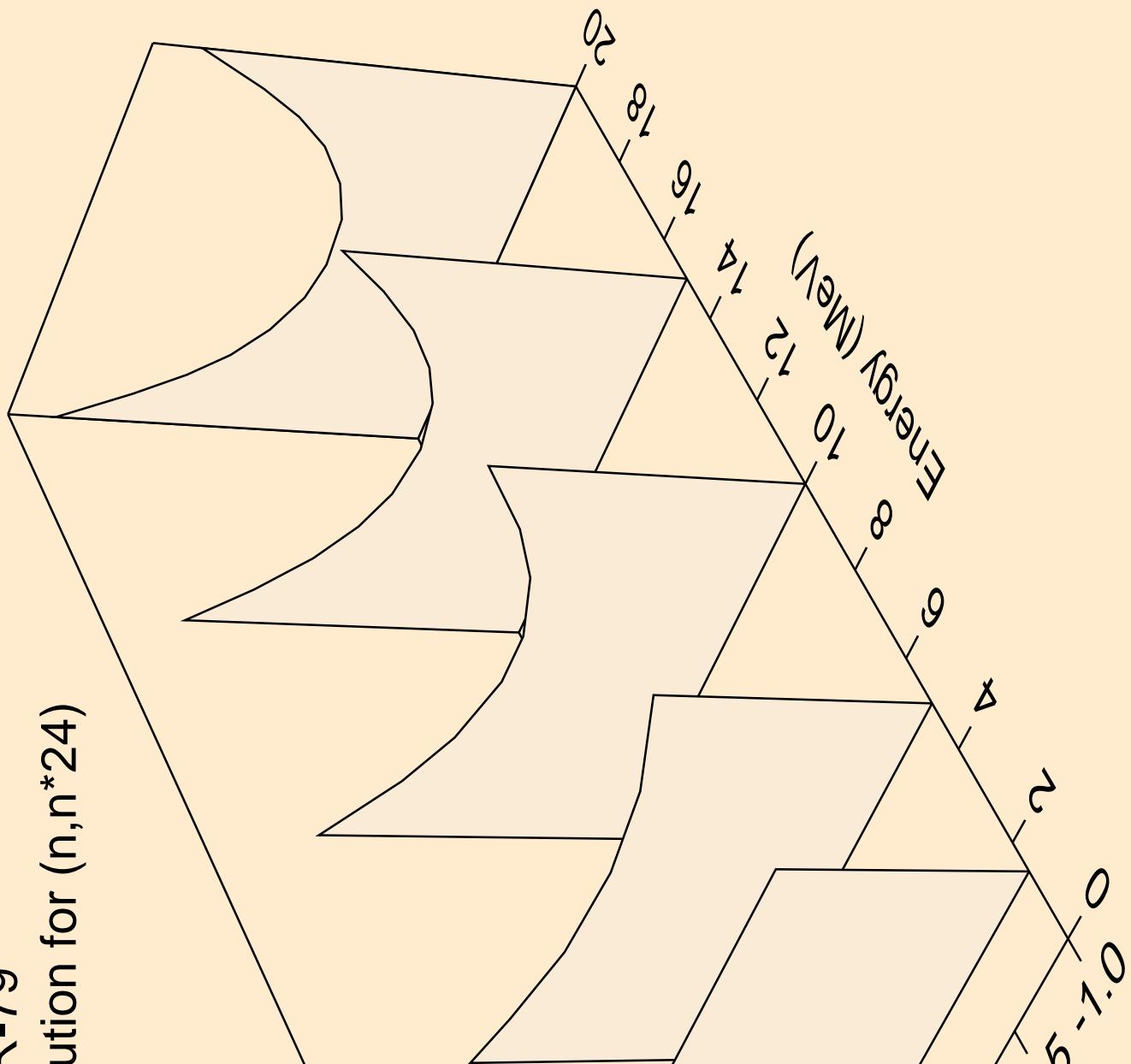
ENDF/B-VII BR-79

angular distribution for  $(n,n^*24)$

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



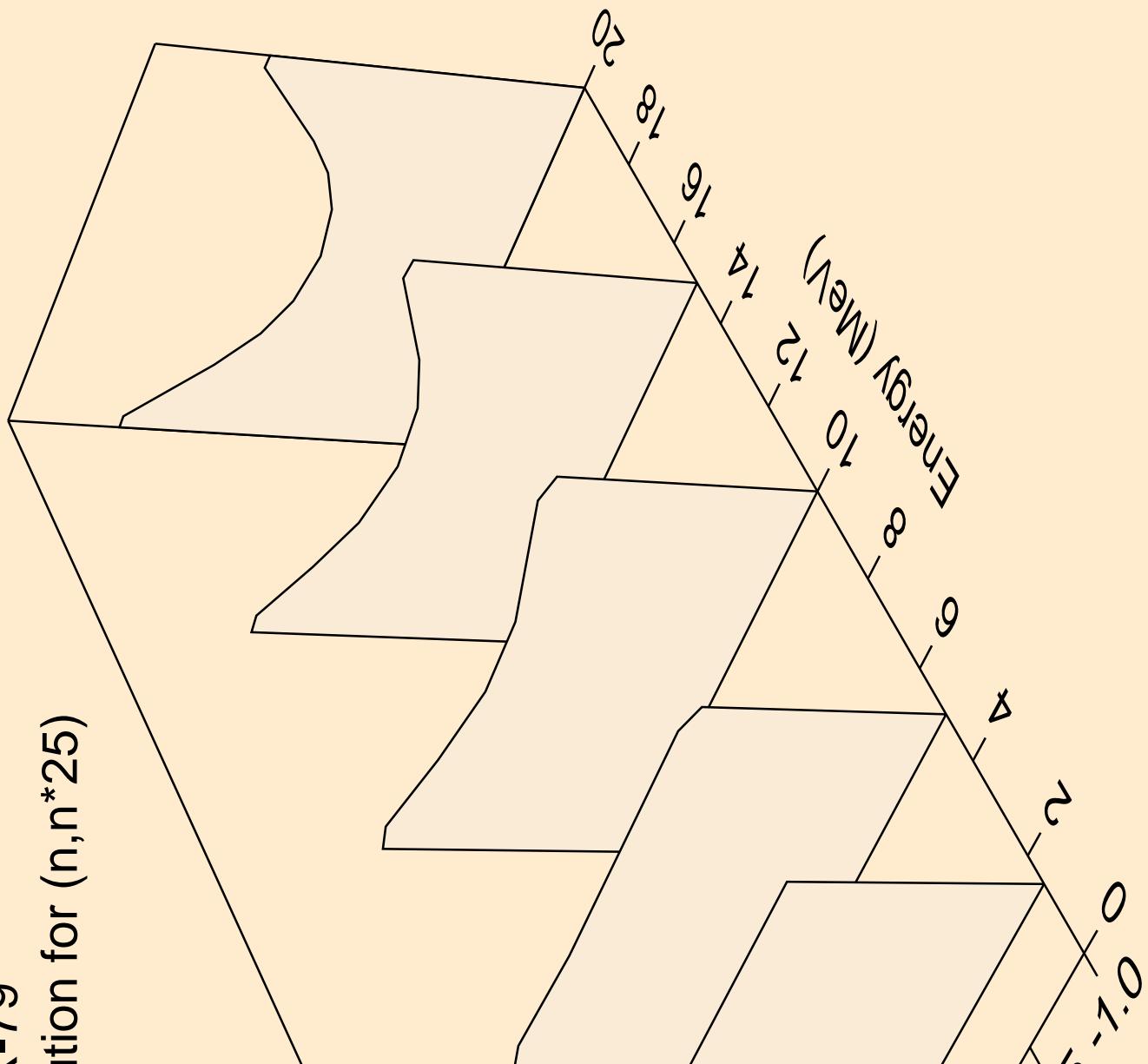
ENDF/B-VII BR-79

angular distribution for  $(n,n^*25)$

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



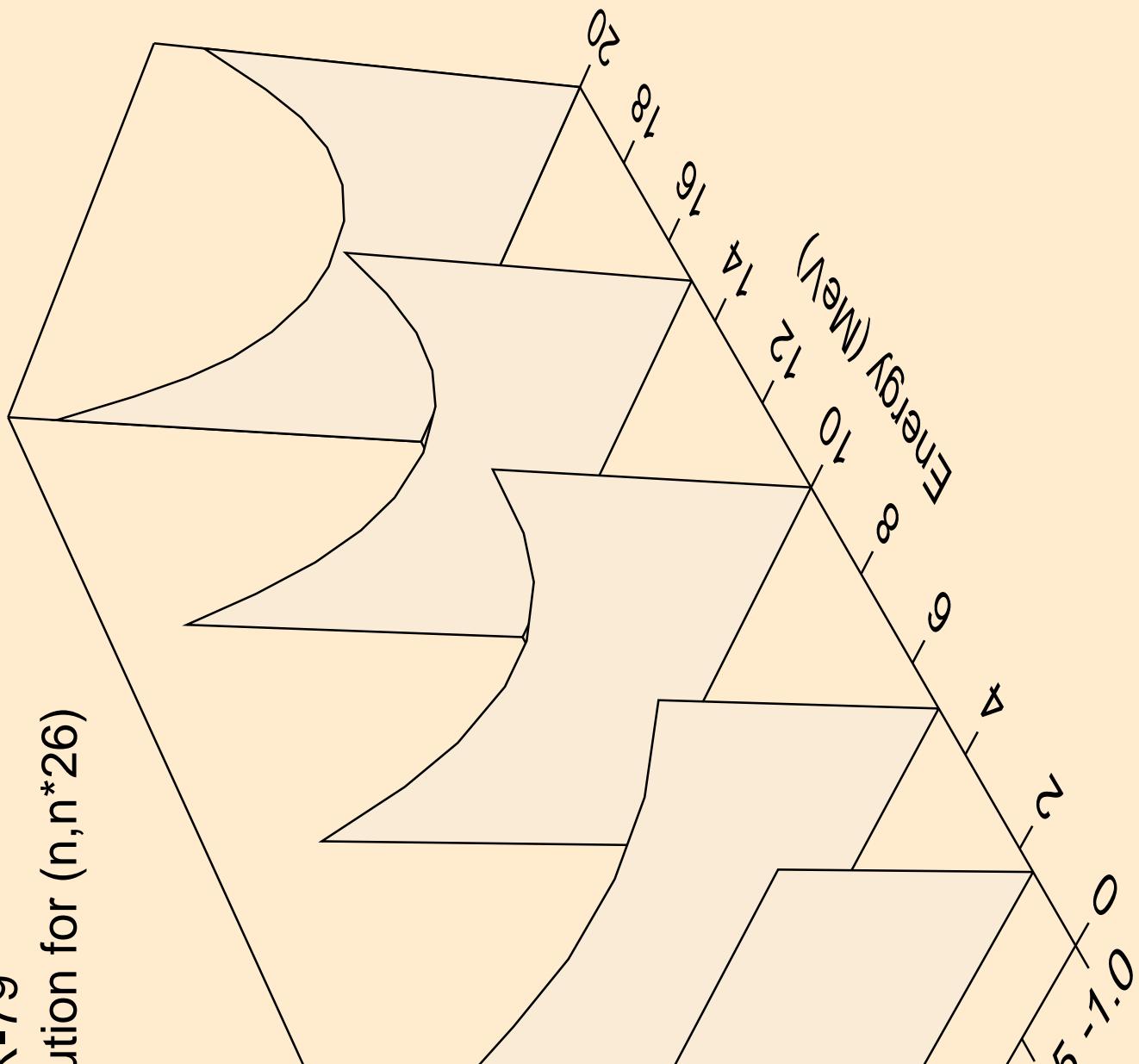
ENDF/B-VII BR-79

angular distribution for  $(n,n^*26)$

$10^0$

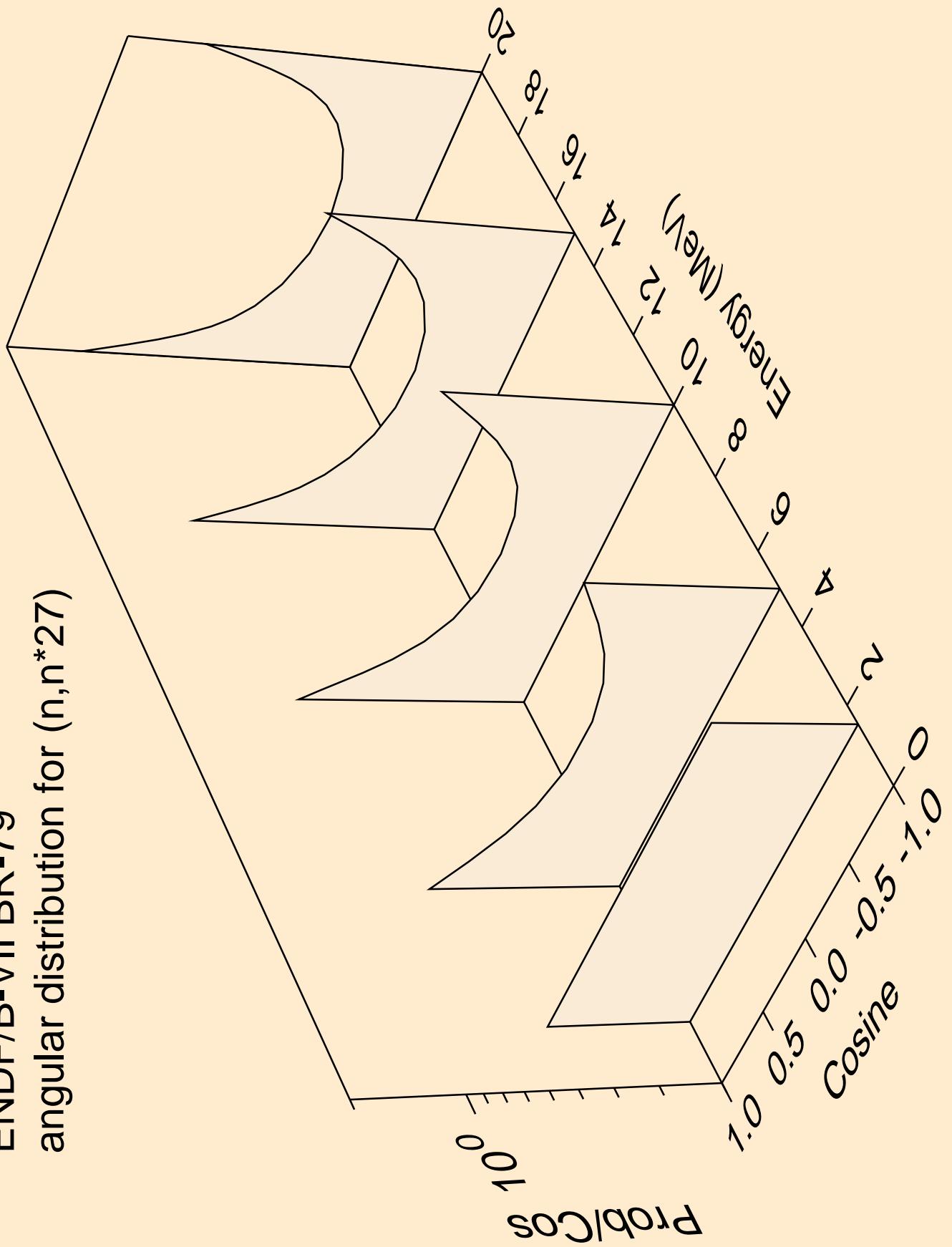
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



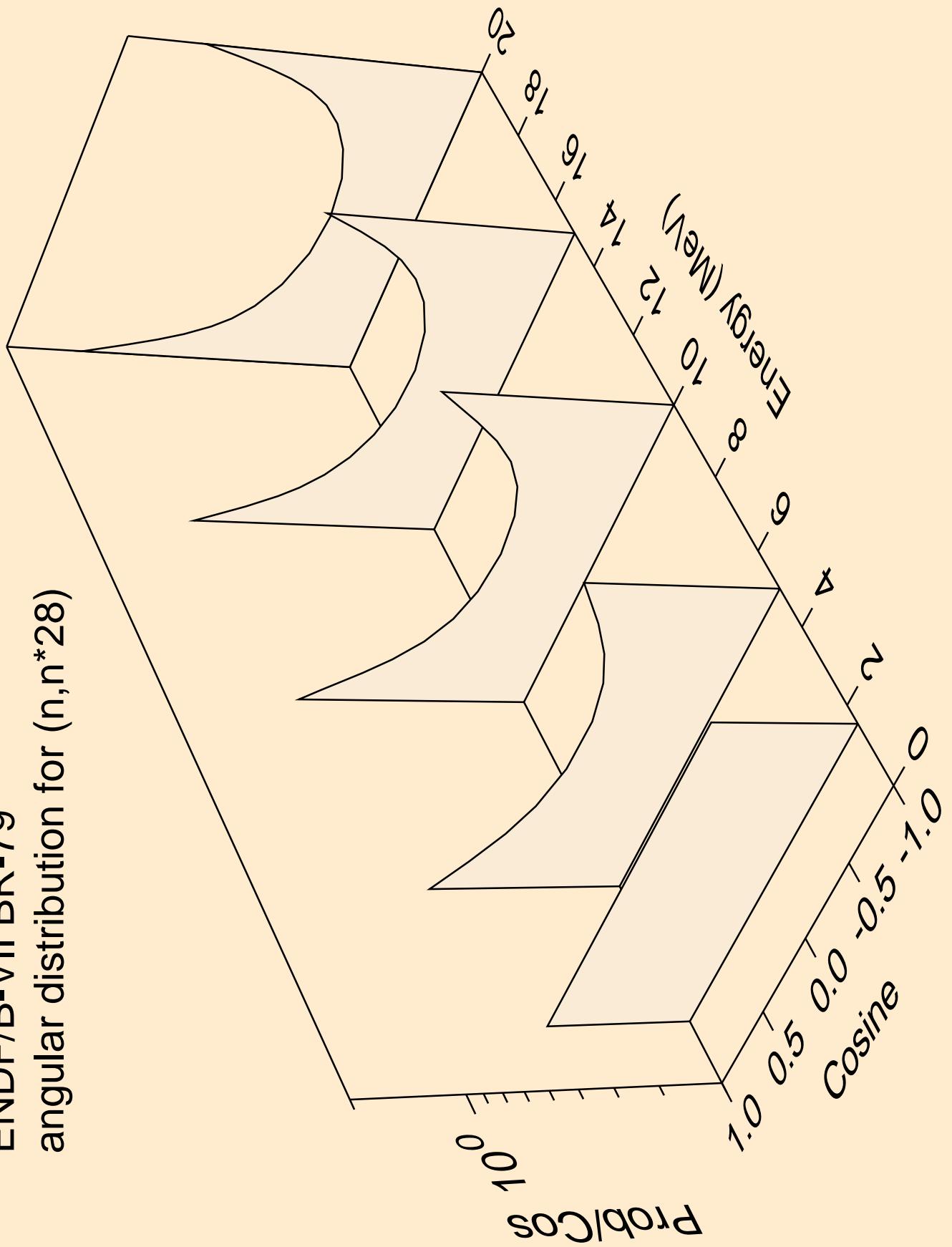
ENDF/B-VII BR-79

angular distribution for  $(n,n^*27)$



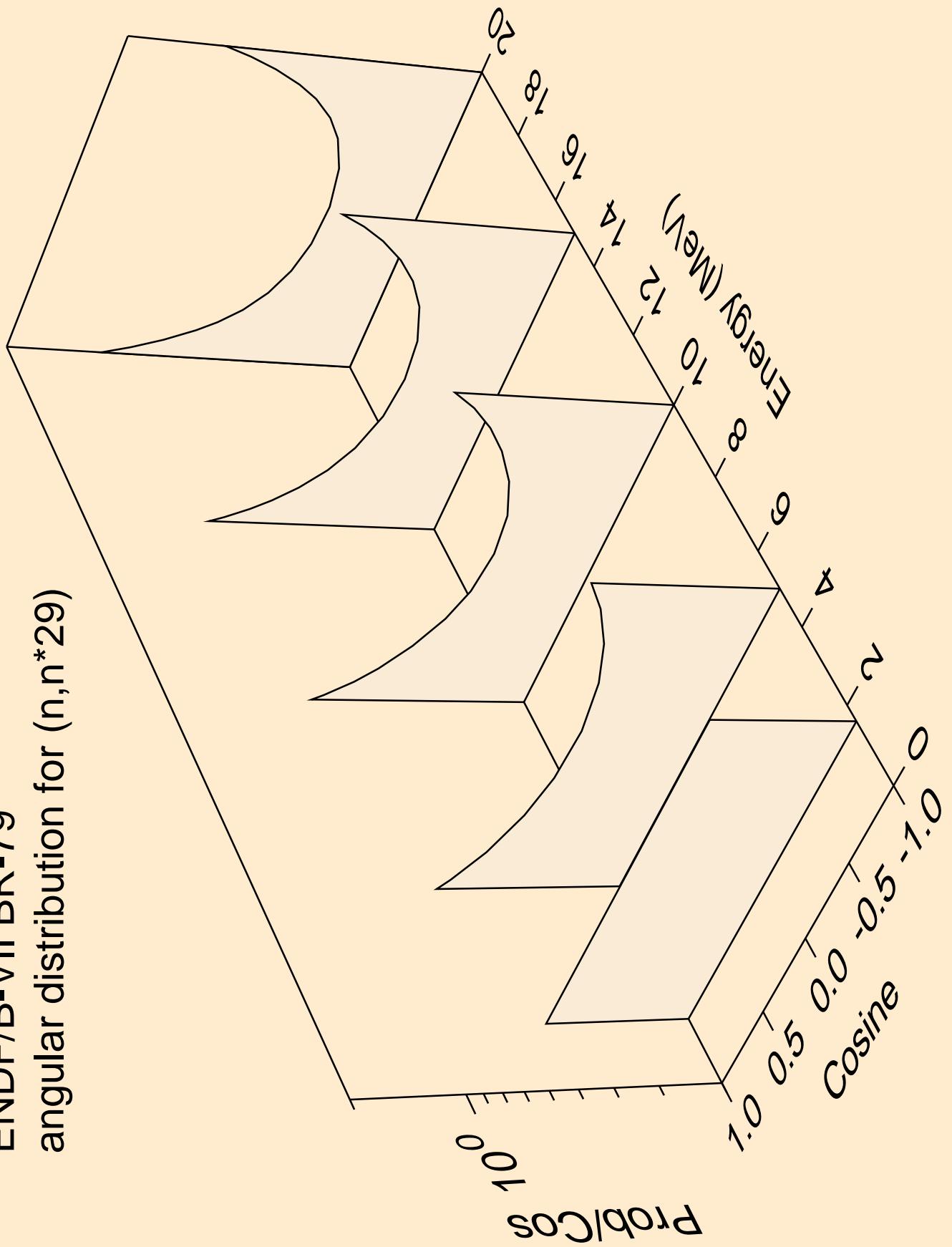
ENDF/B-VII BR-79

angular distribution for  $(n,n^*28)$



ENDF/B-VII BR-79

angular distribution for  $(n,n^*29)$



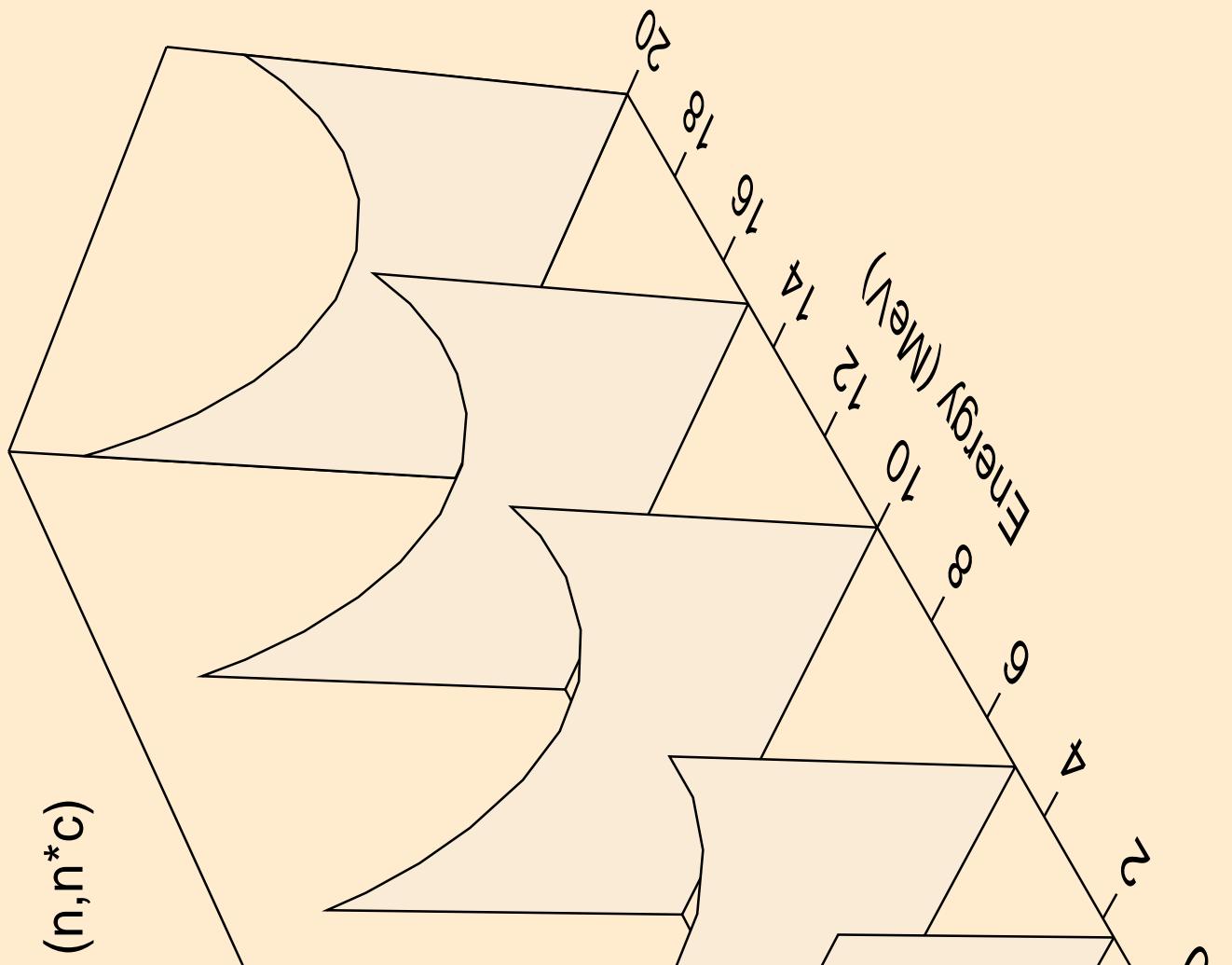
ENDF/B-VII BR-79

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

$10^0$

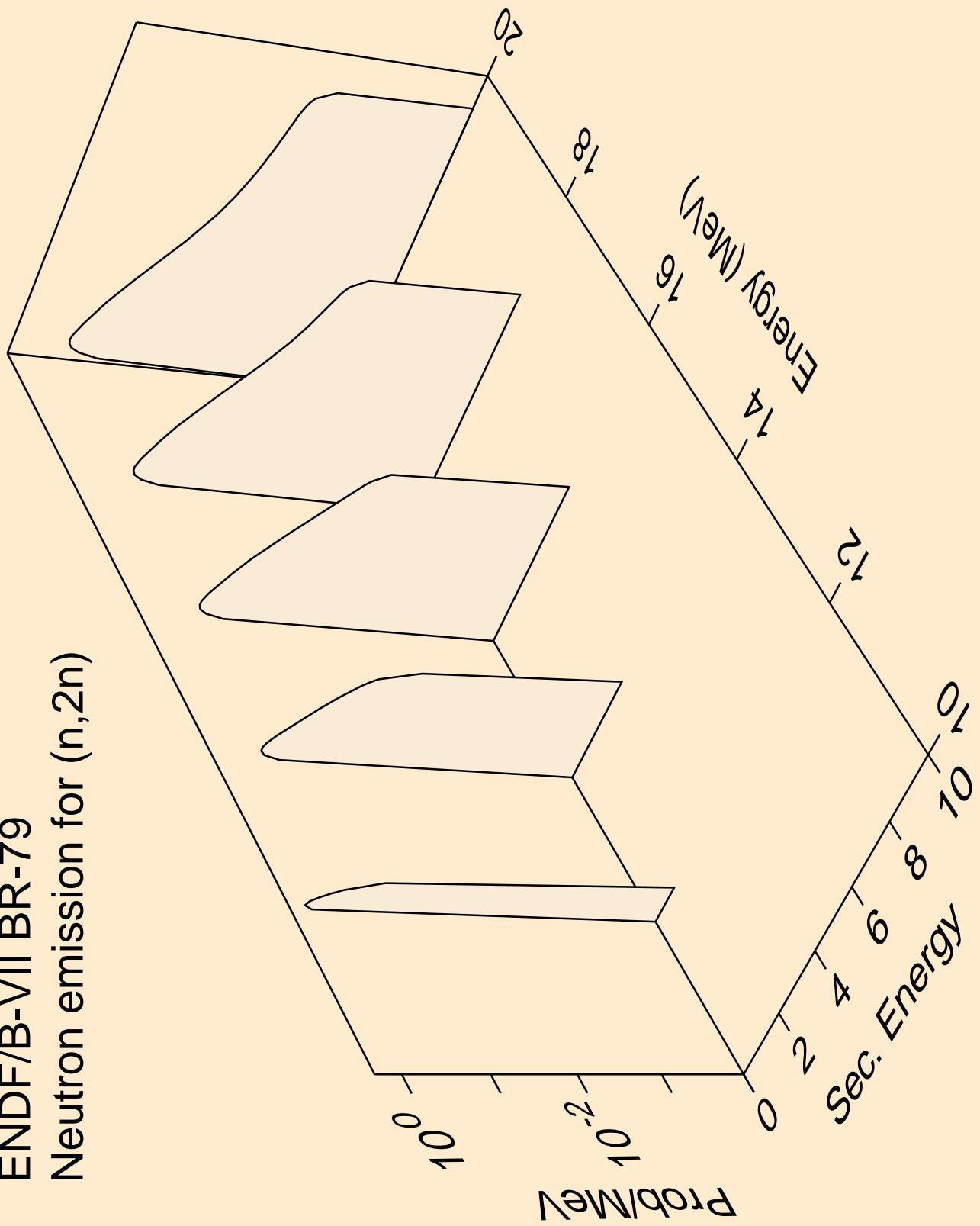
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



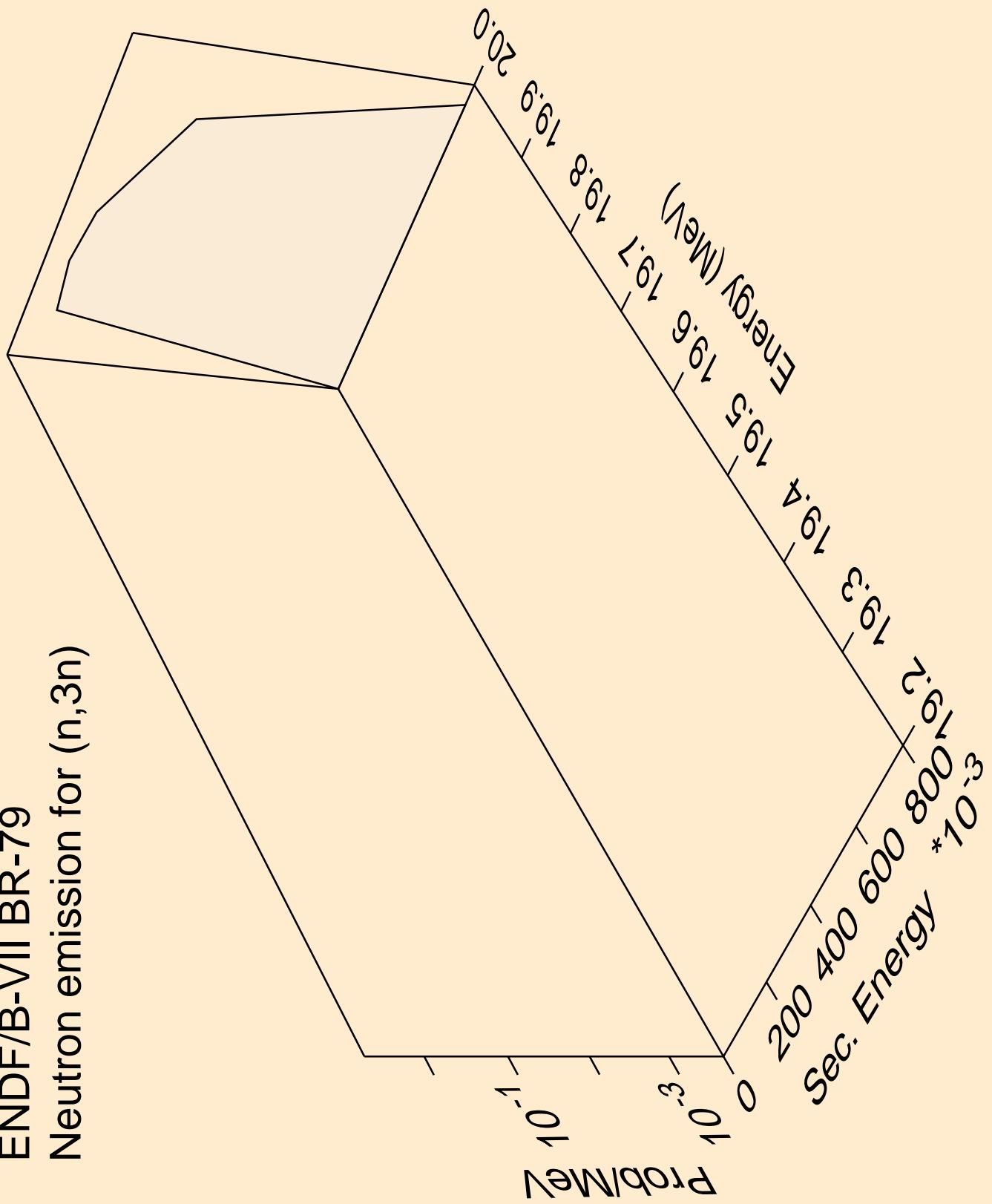
ENDF/B-VII BR-79

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



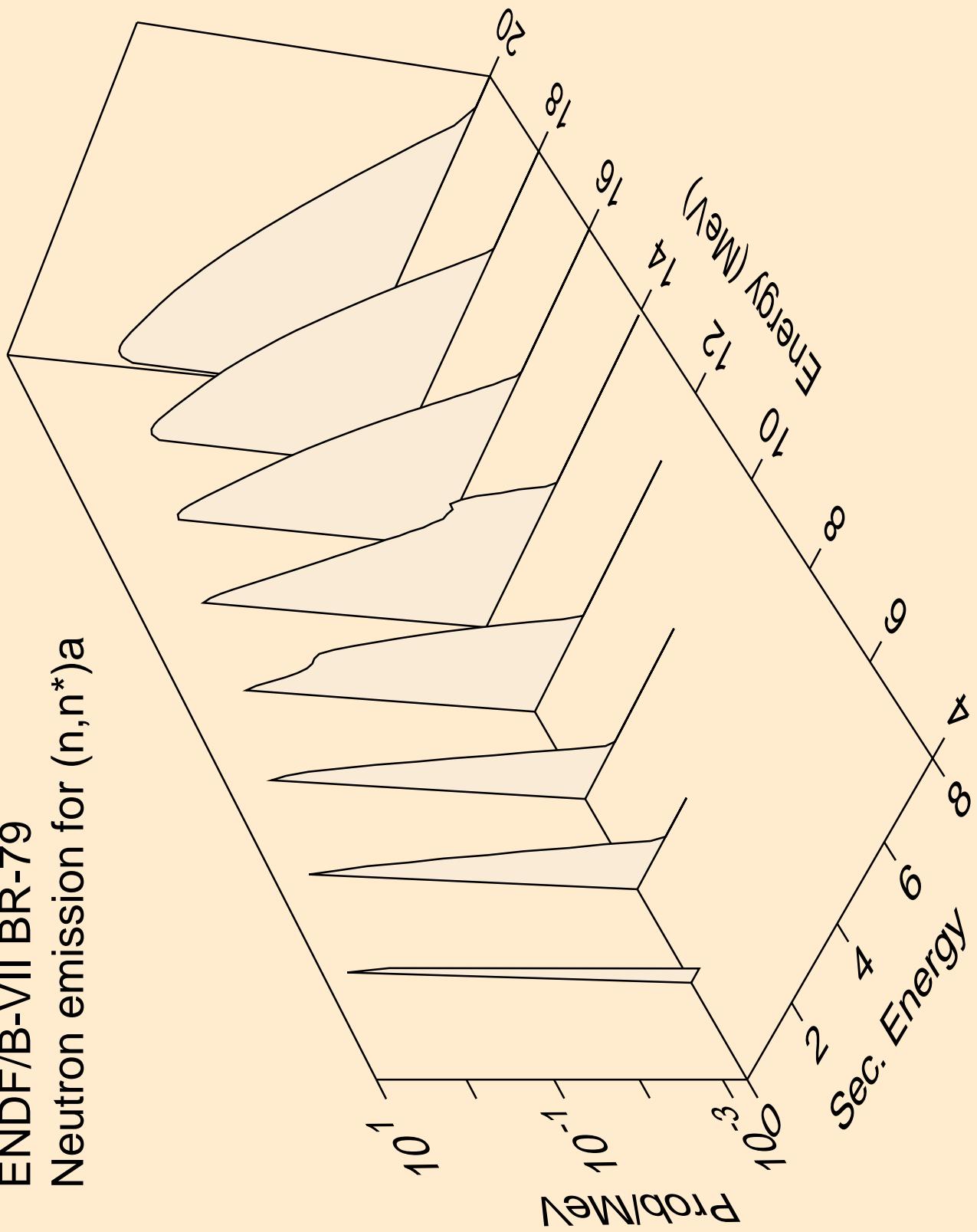
ENDF/B-VII BR-79

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



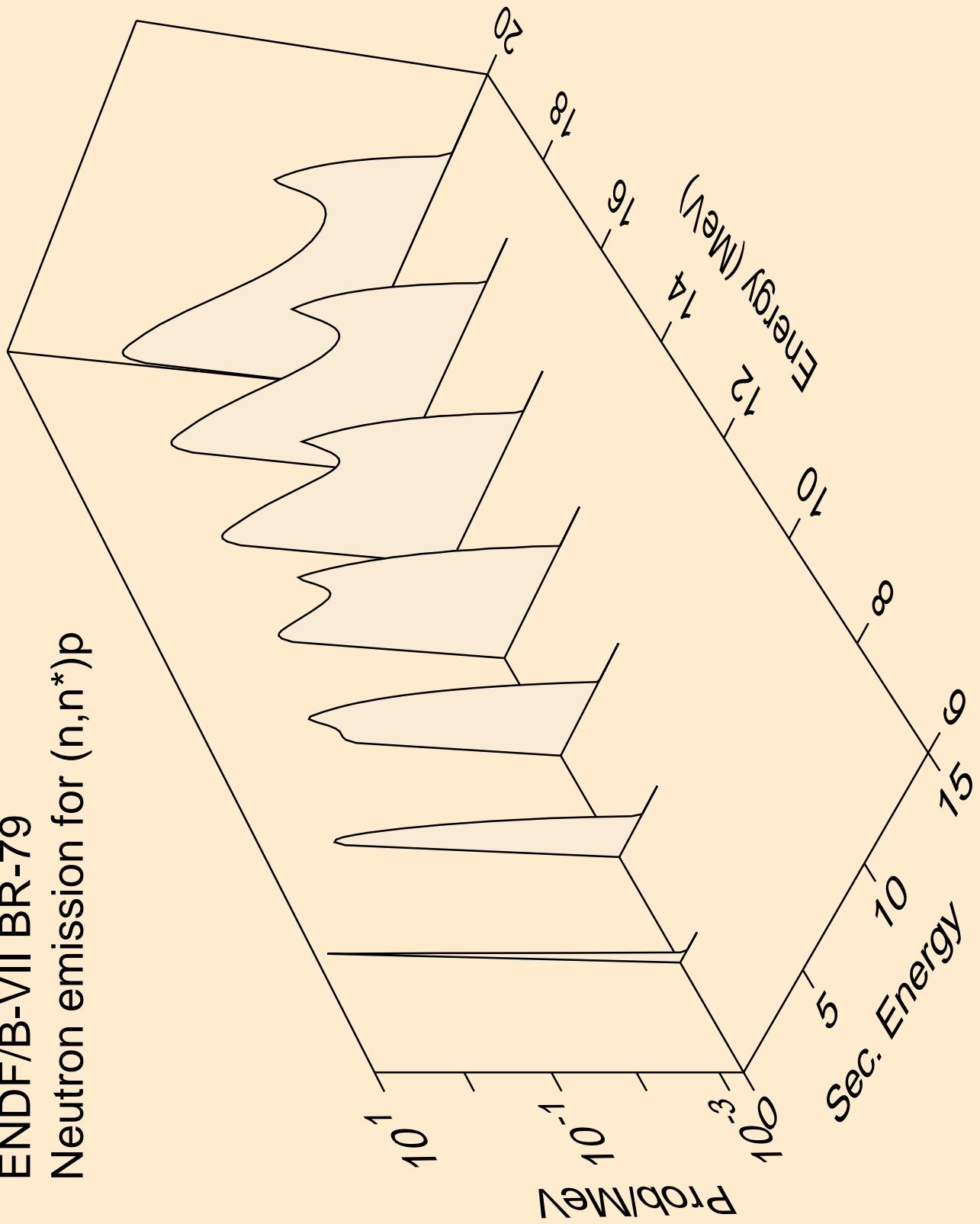
ENDF/B-VII BR-79

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



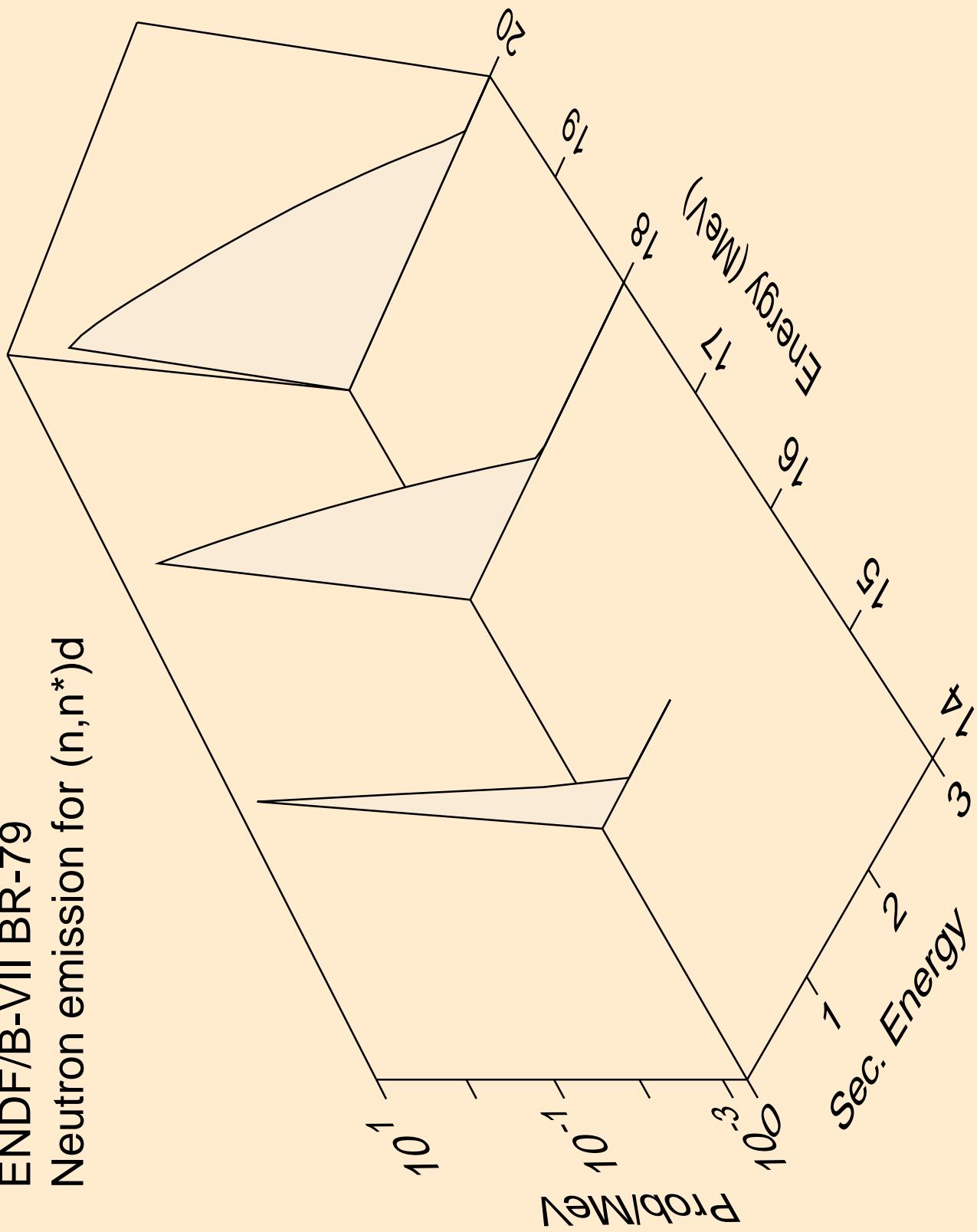
ENDF/B-VII BR-79

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



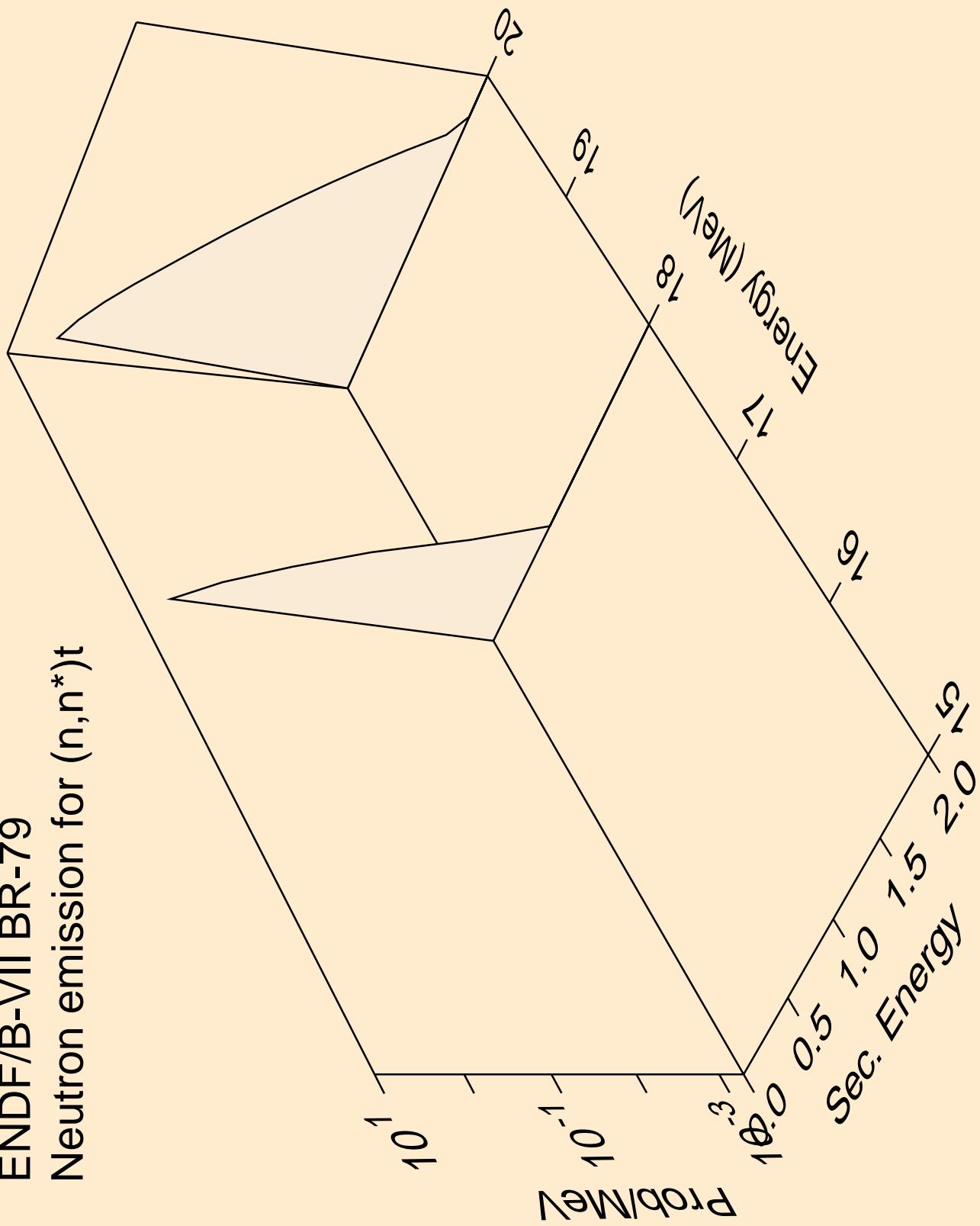
ENDF/B-VII BR-79

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



ENDF/B-VII BR-79

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



ENDF/B-VII BR-79

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

