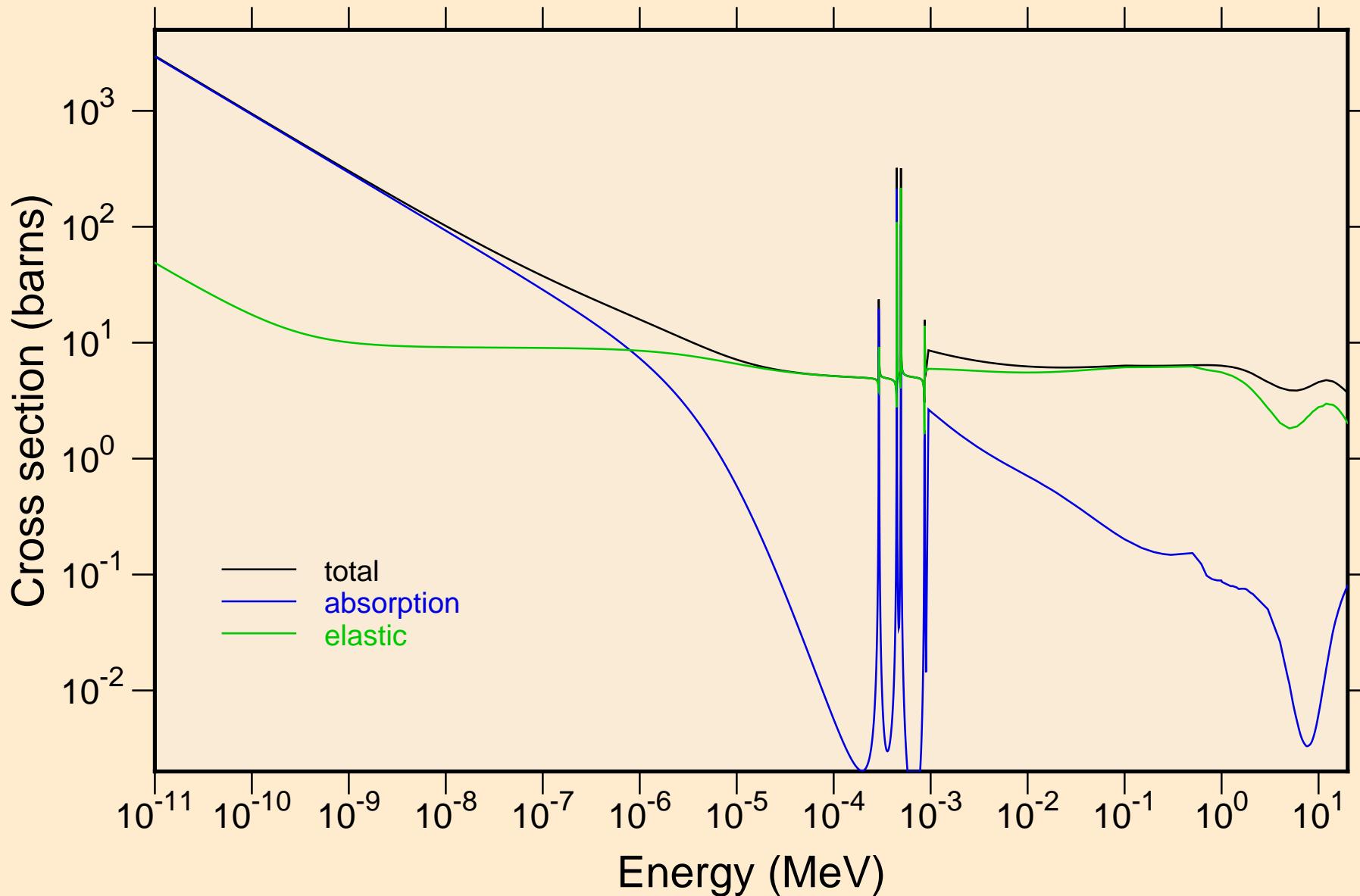
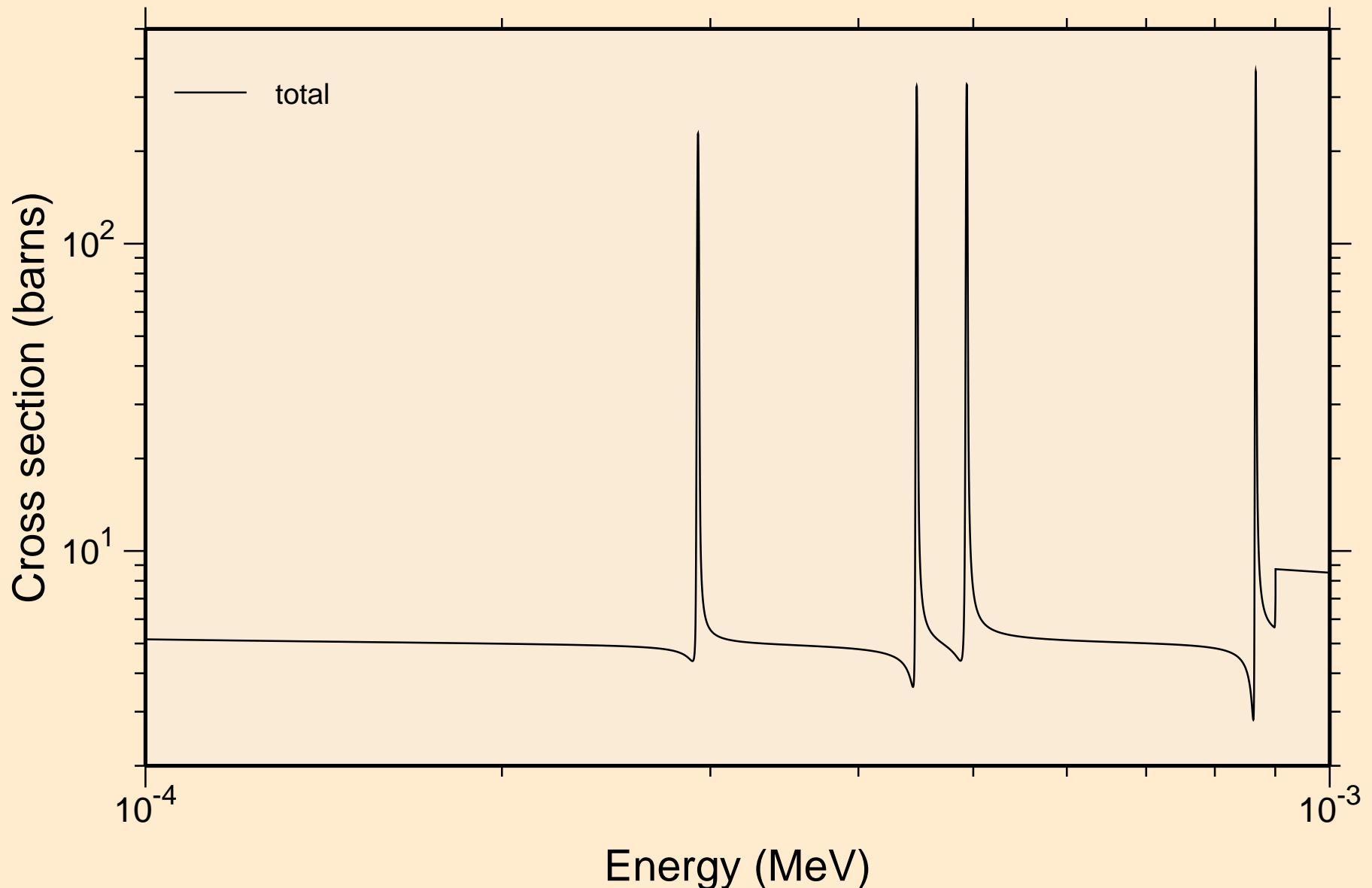


# ENDF/B-VII SN-115

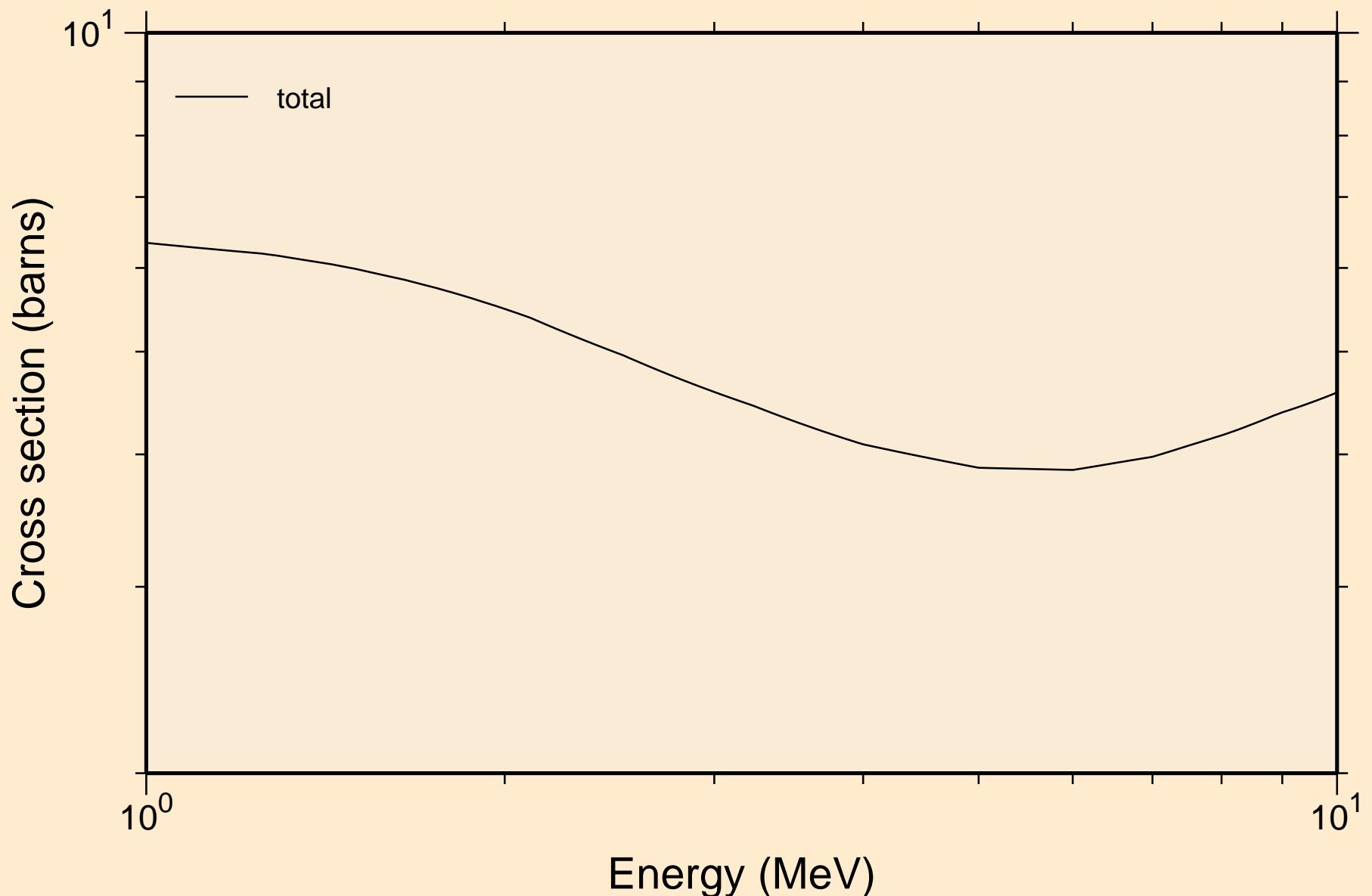
## Principal cross sections



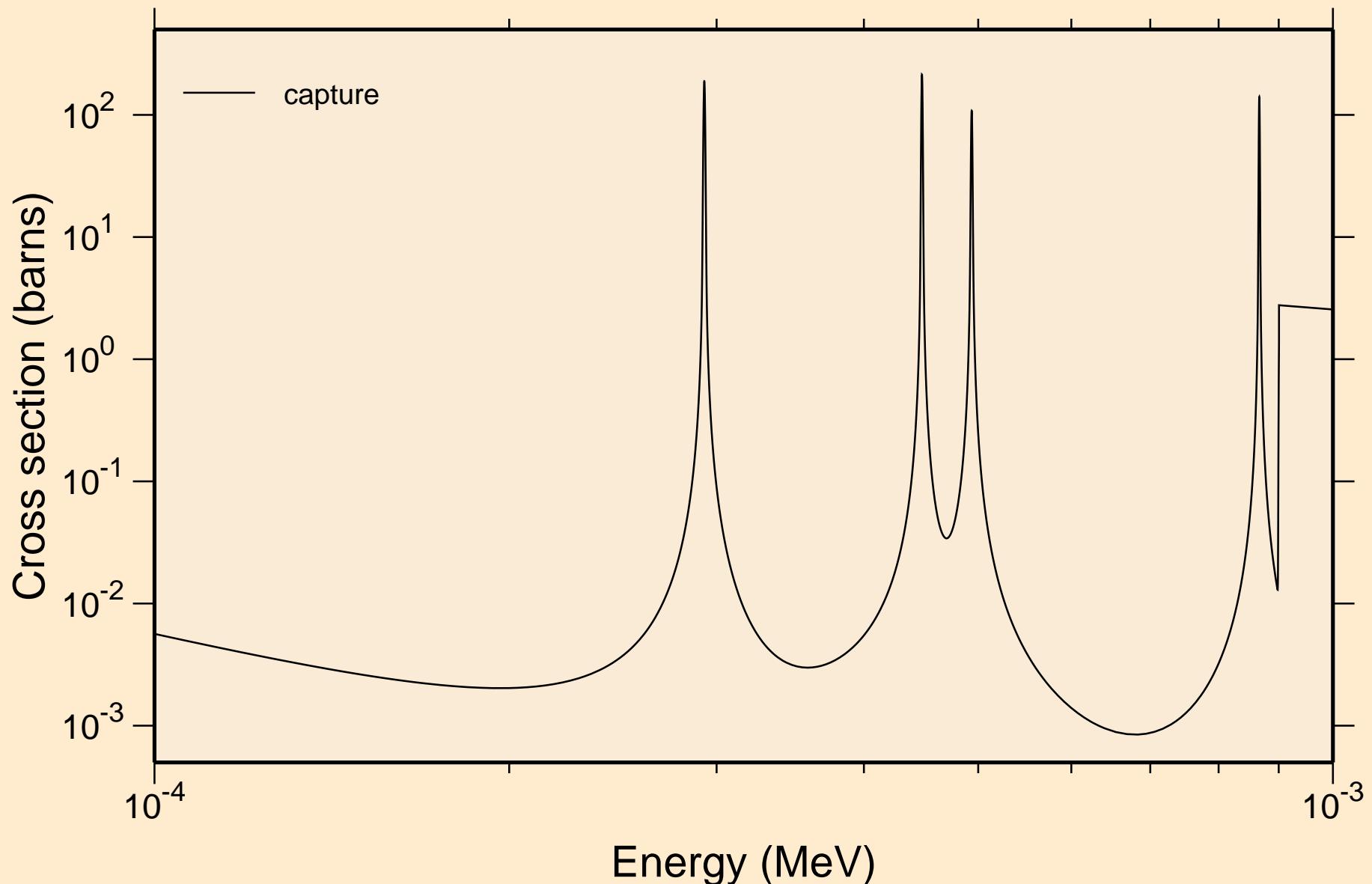
ENDF/B-VII SN-115  
resonance total cross section



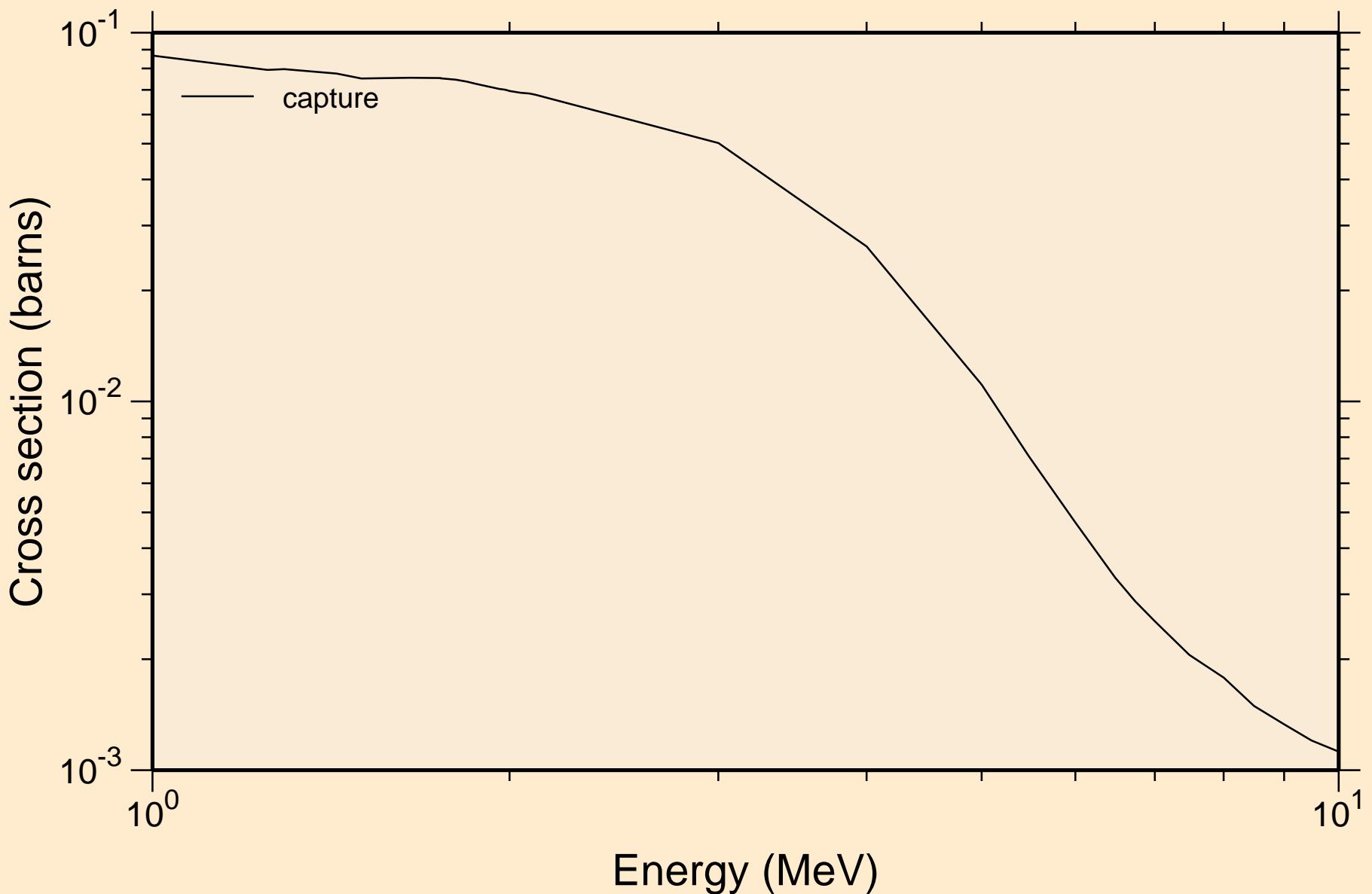
ENDF/B-VII SN-115  
resonance total cross section



# ENDF/B-VII SN-115 resonance absorption cross sections

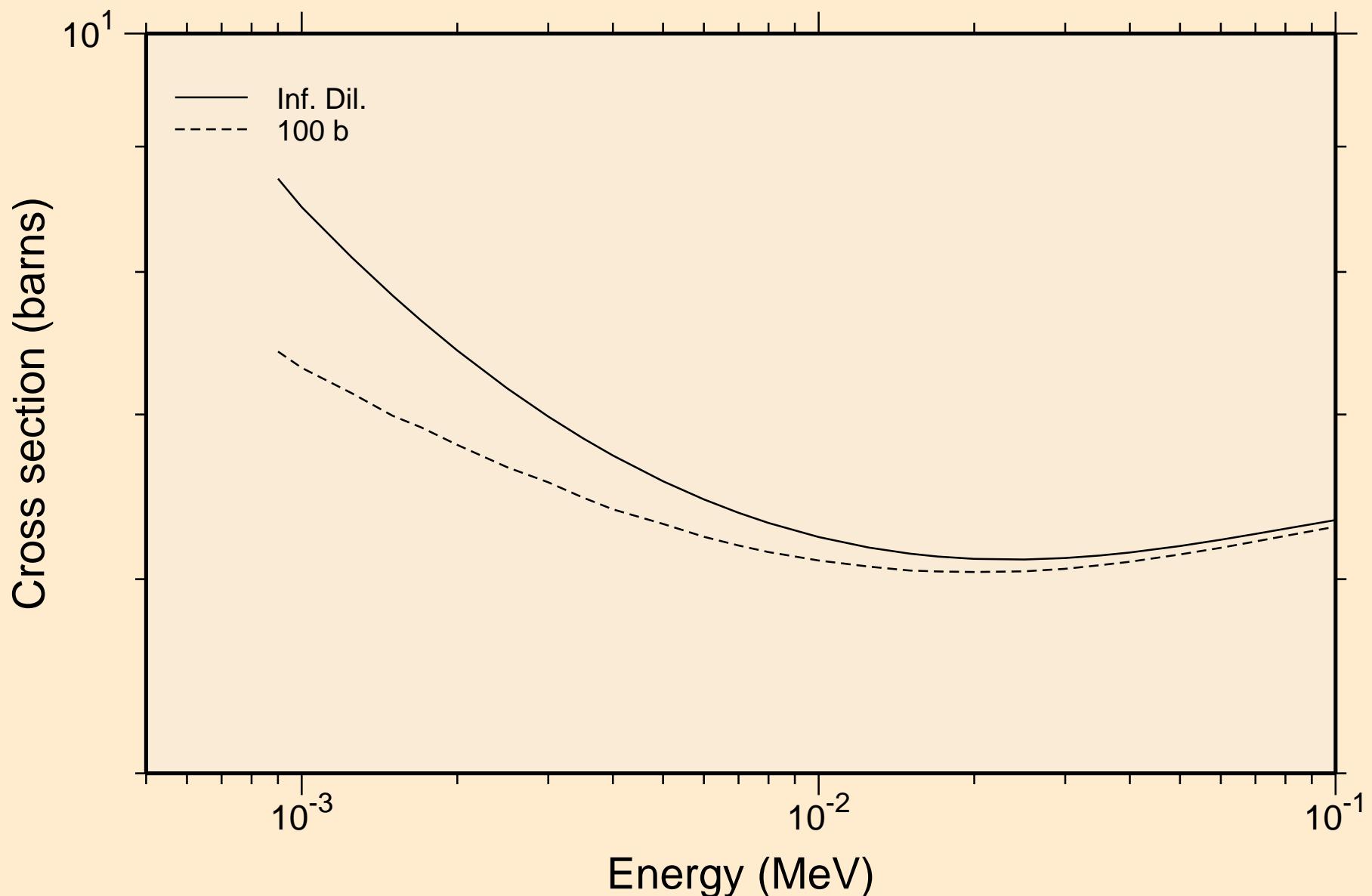


# ENDF/B-VII SN-115 resonance absorption cross sections



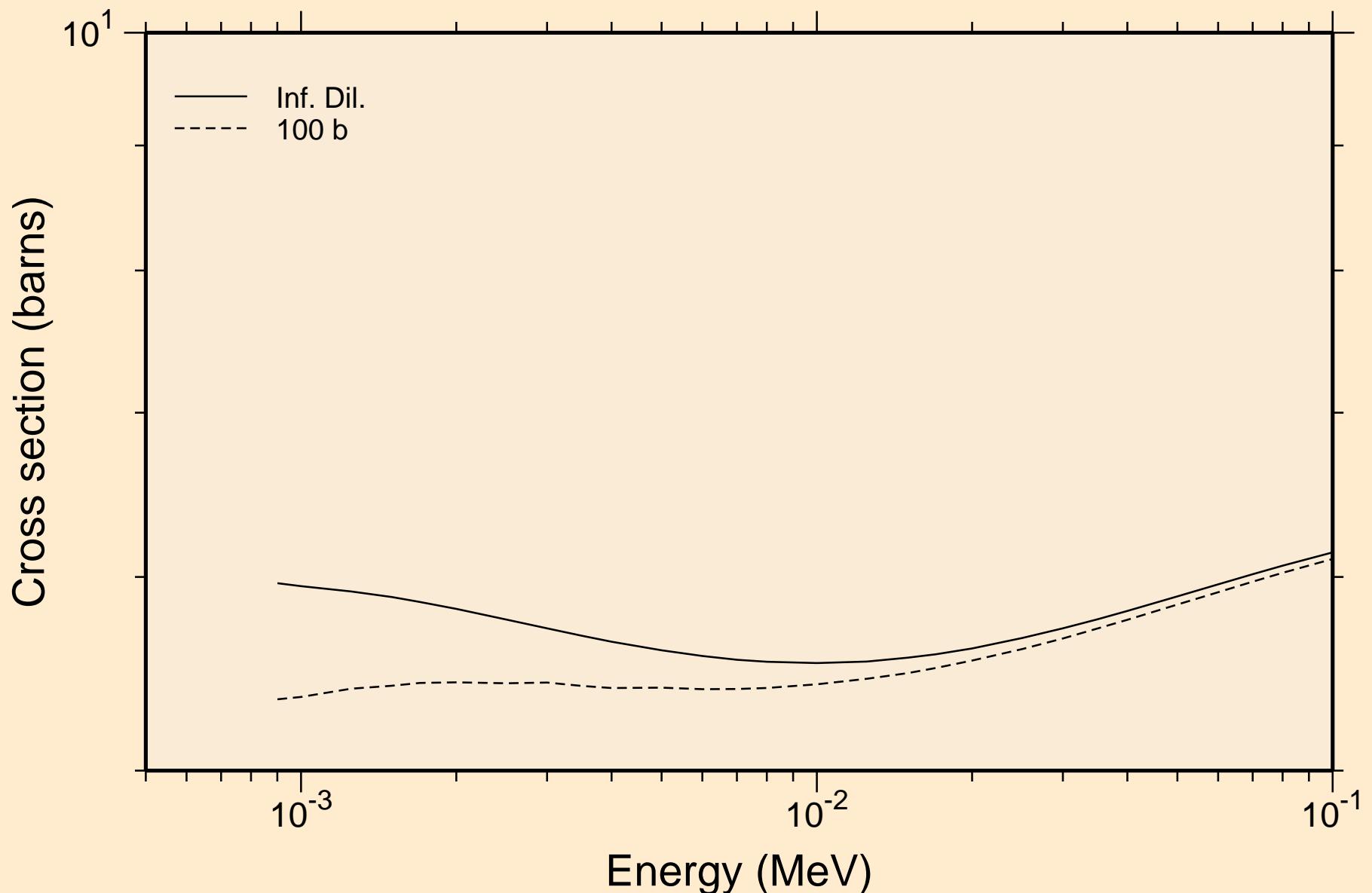
# ENDF/B-VII SN-115

## UR total cross section



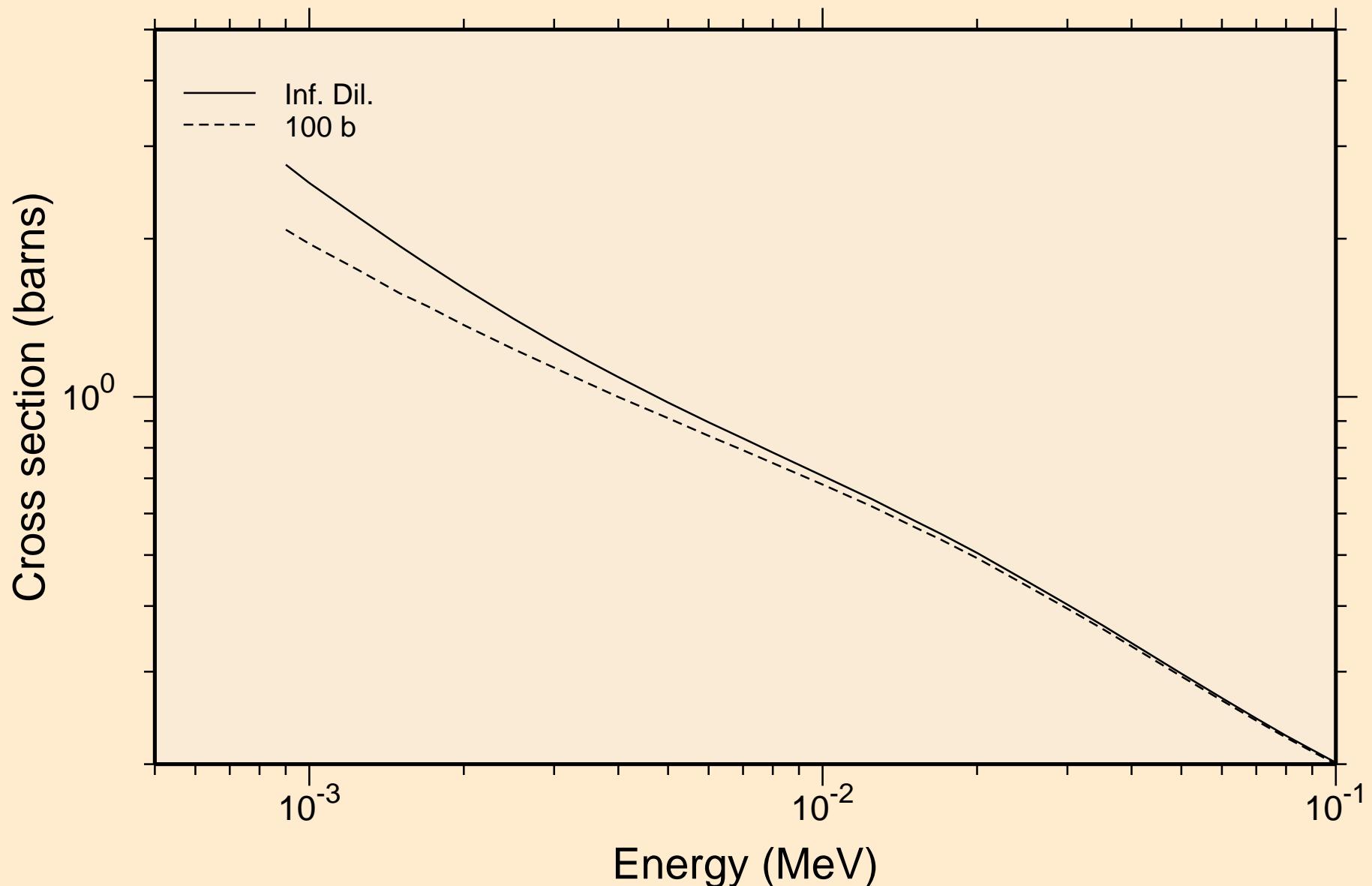
# ENDF/B-VII SN-115

## UR elastic cross section



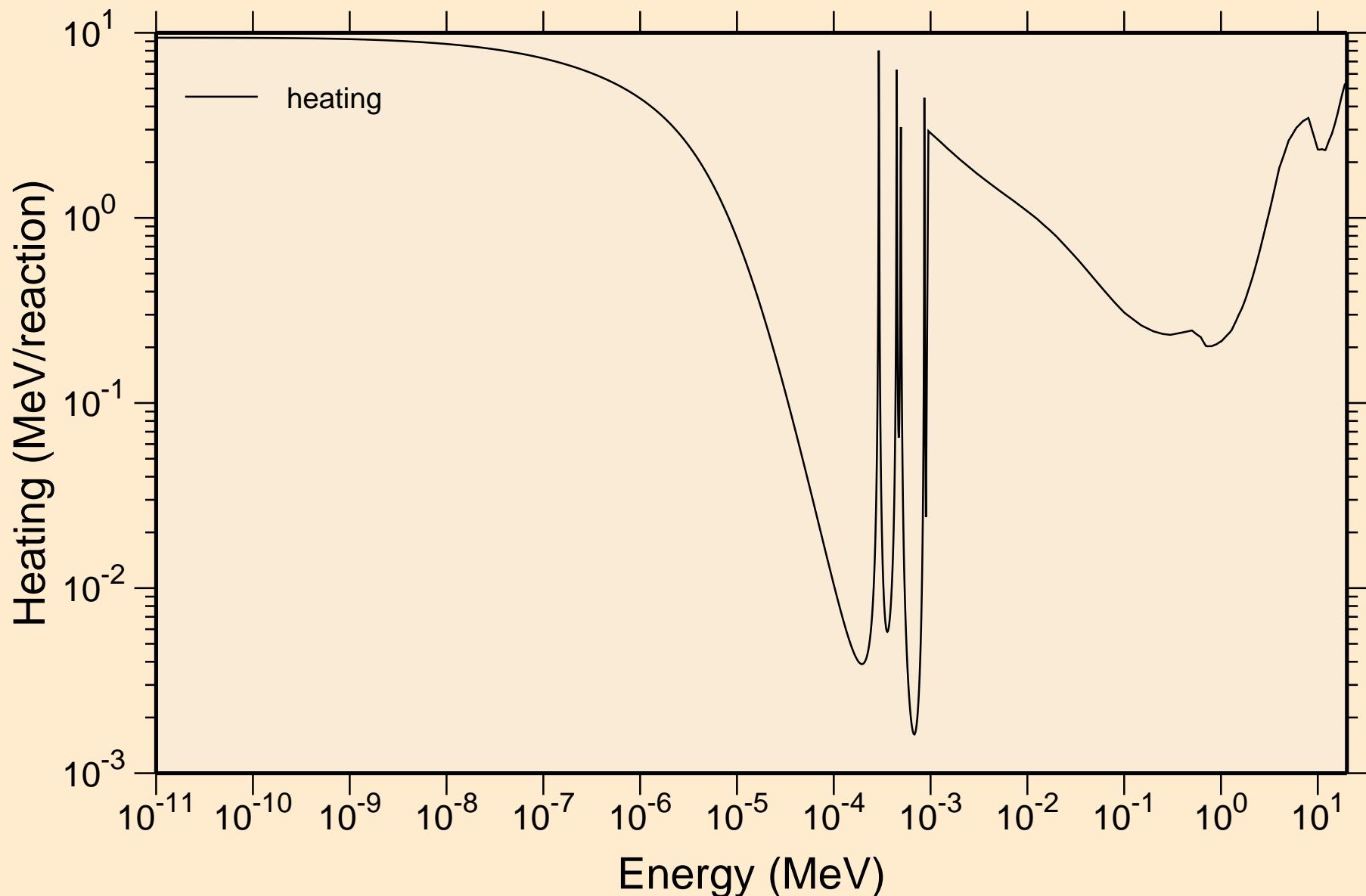
# ENDF/B-VII SN-115

## UR capture cross section



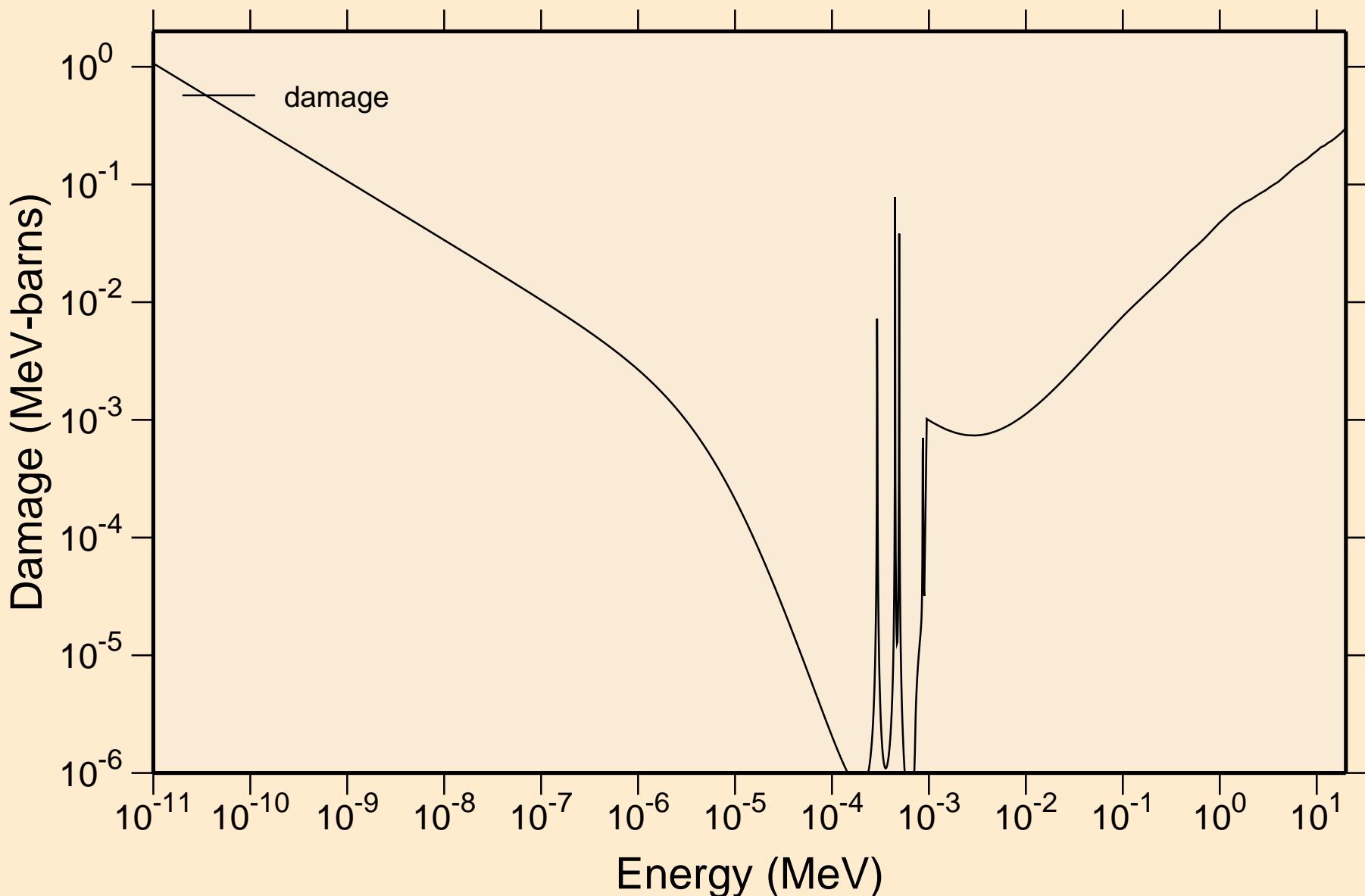
# ENDF/B-VII SN-115

## Heating



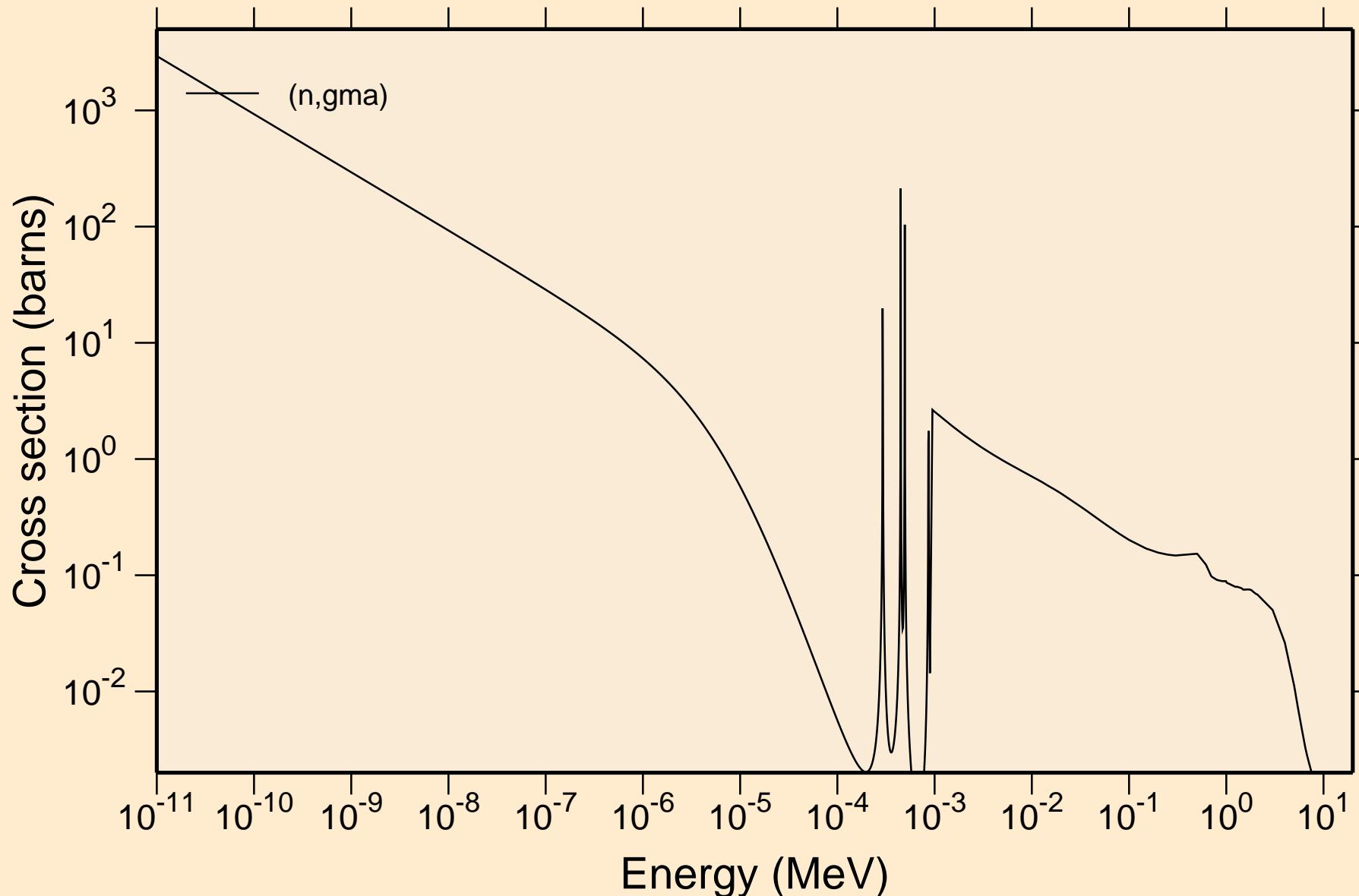
# ENDF/B-VII SN-115

## Damage



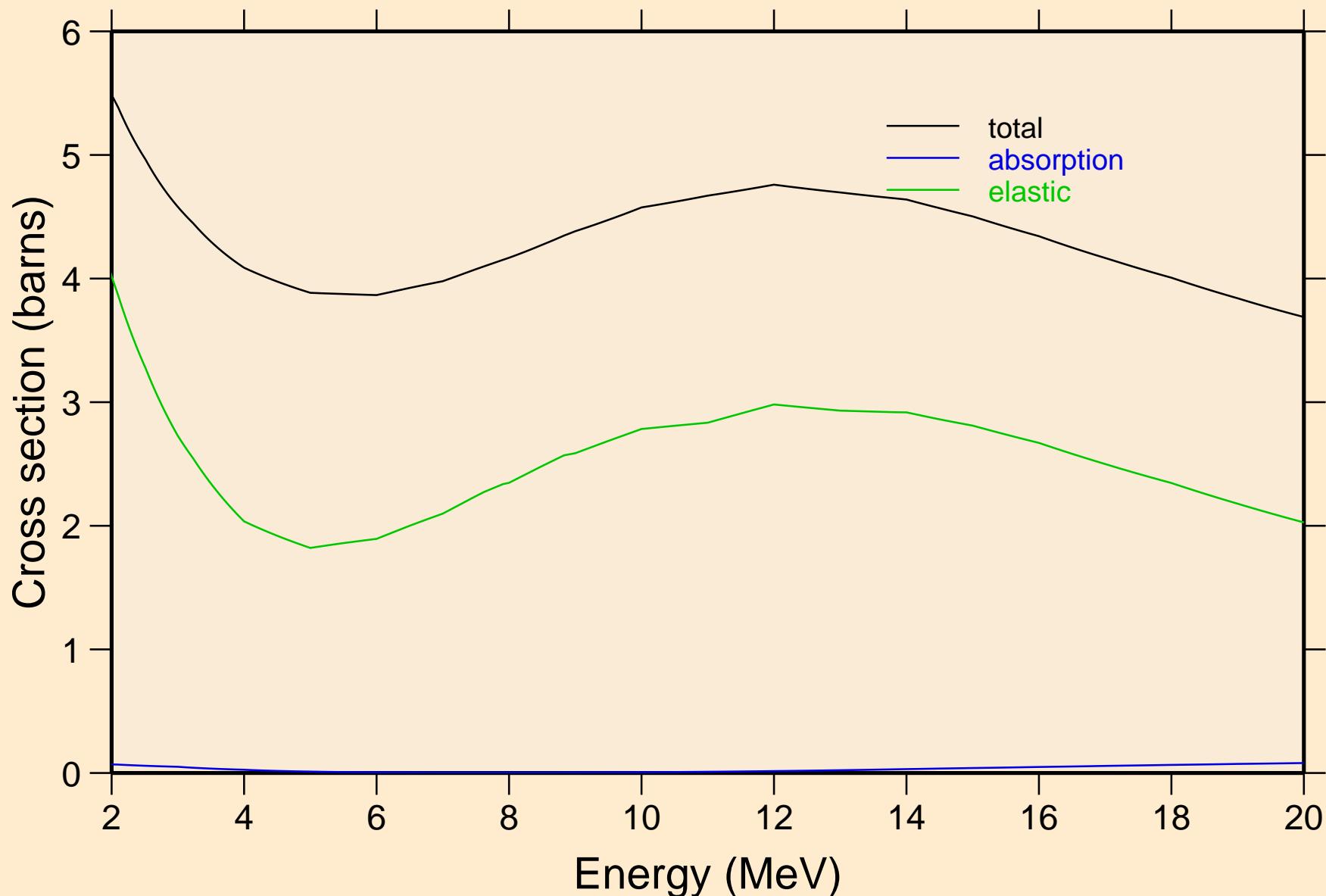
# ENDF/B-VII SN-115

## Non-threshold reactions

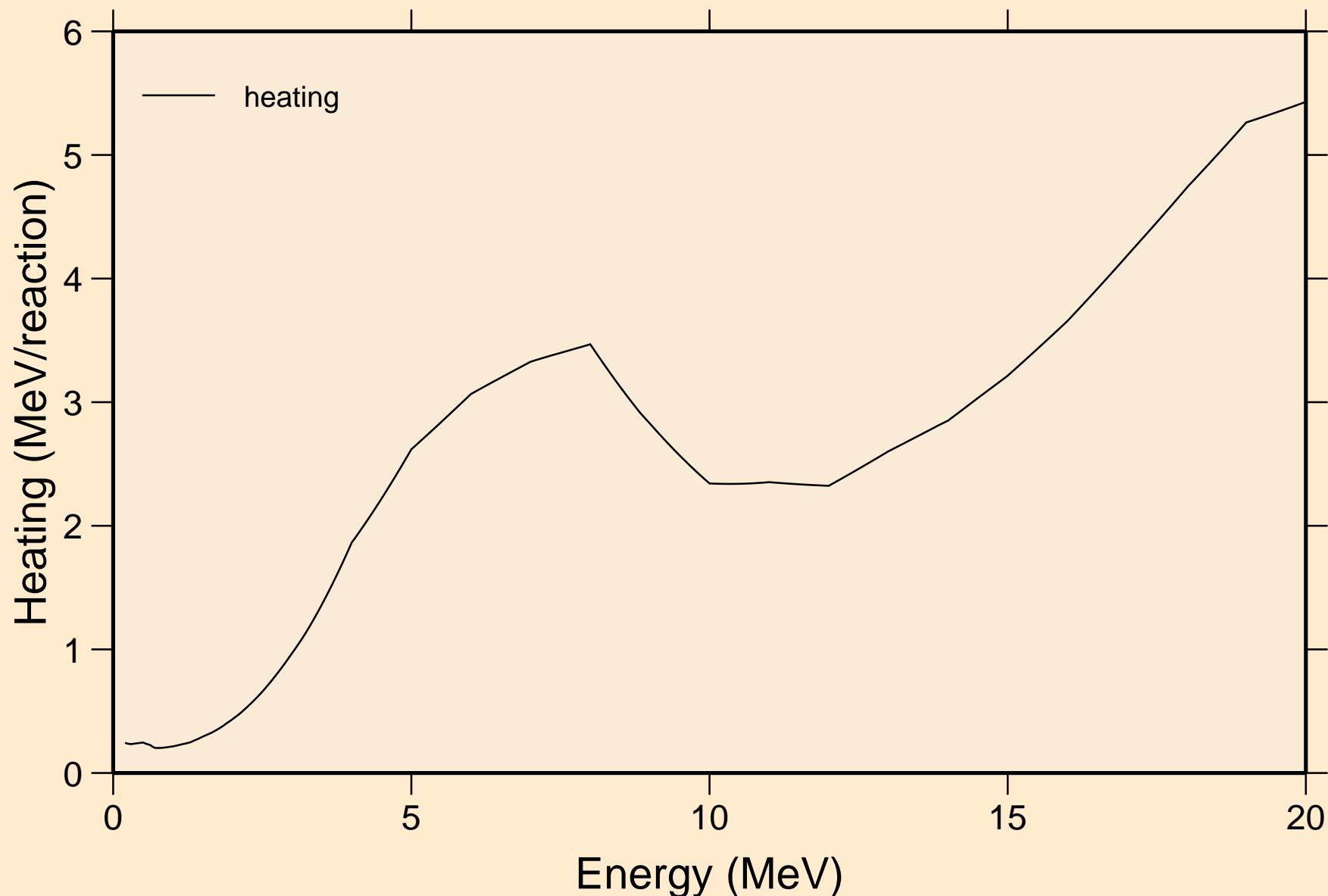


# ENDF/B-VII SN-115

## Principal cross sections

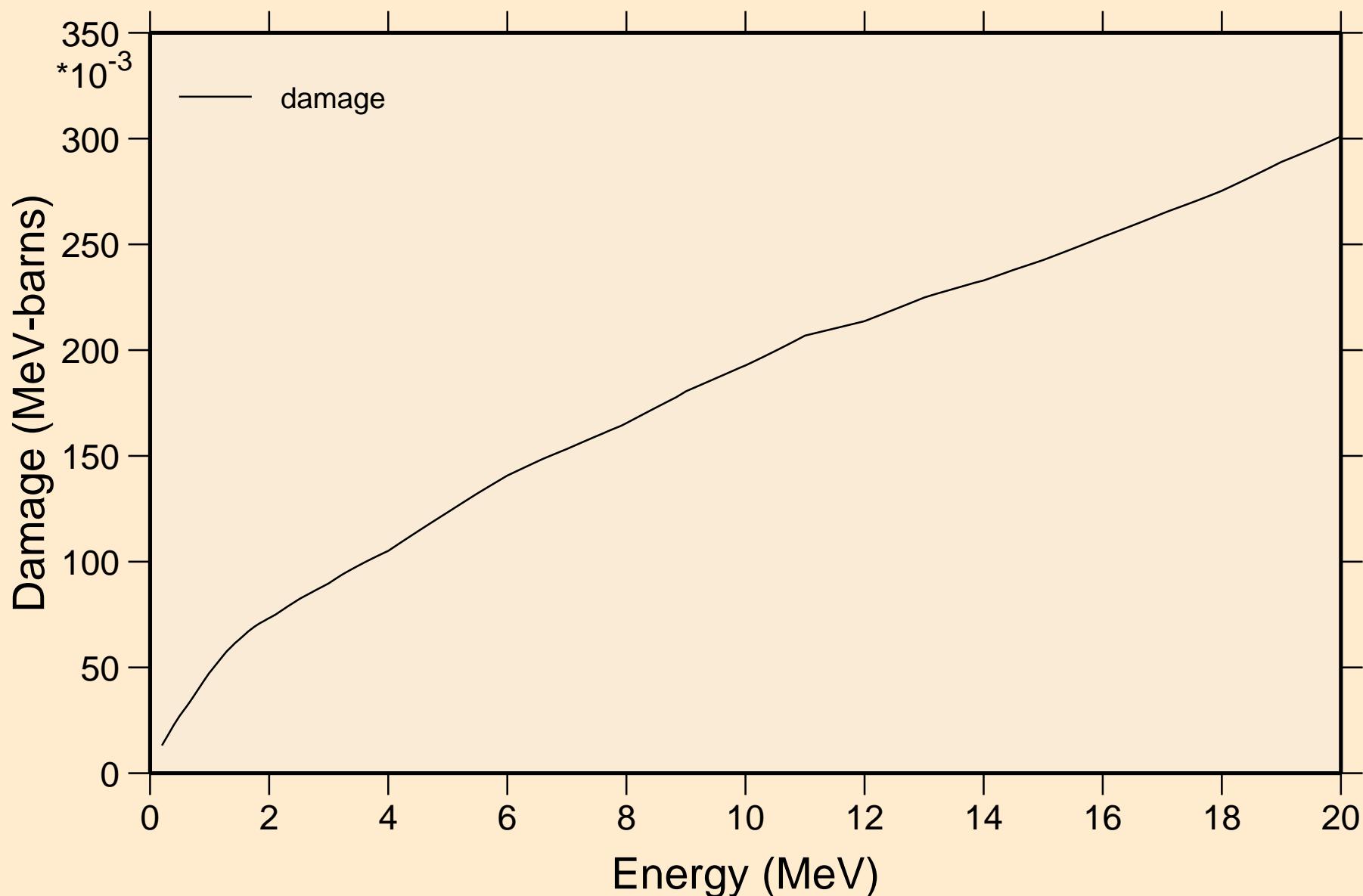


ENDF/B-VII SN-115  
Heating



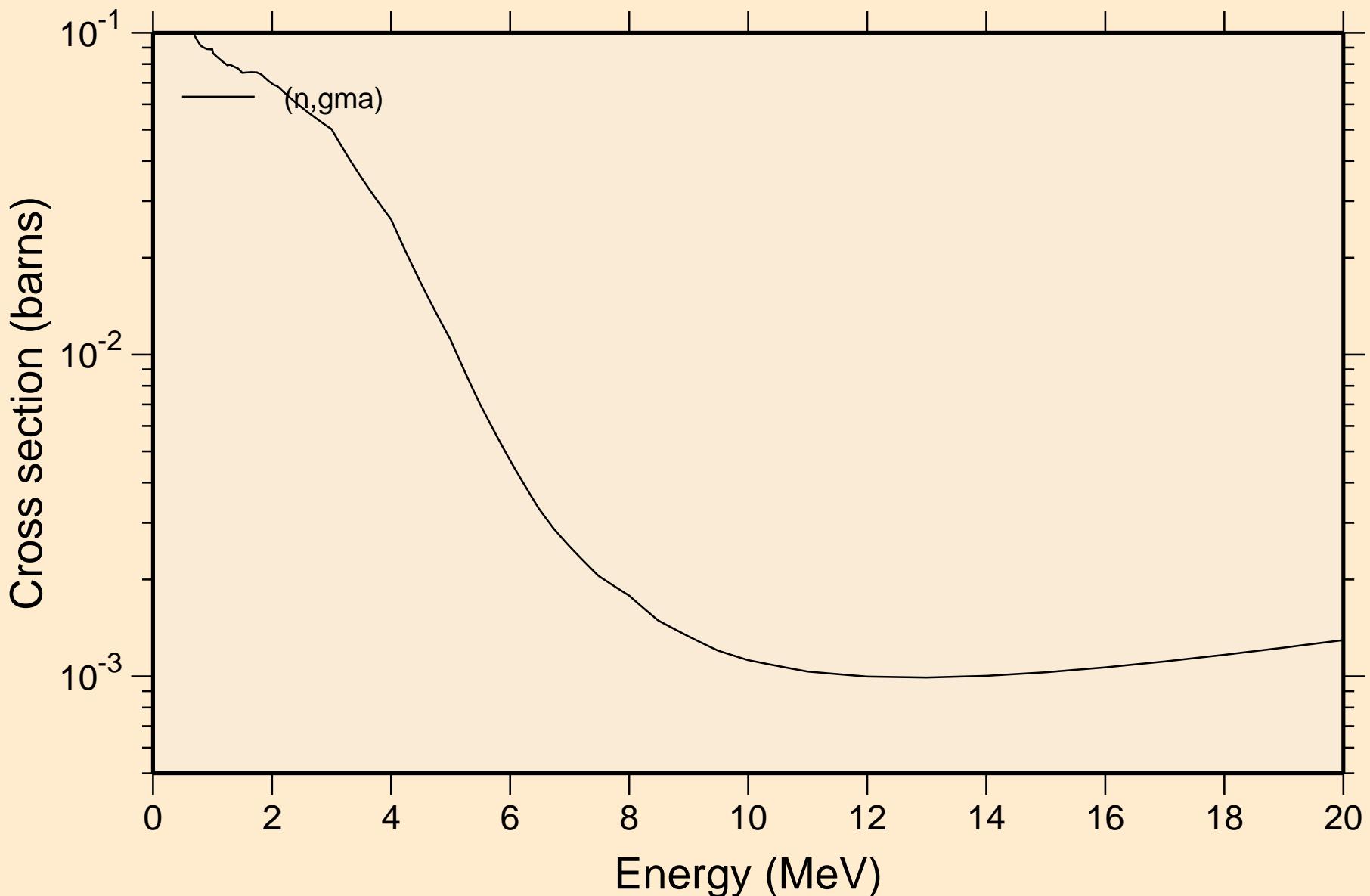
# ENDF/B-VII SN-115

## Damage



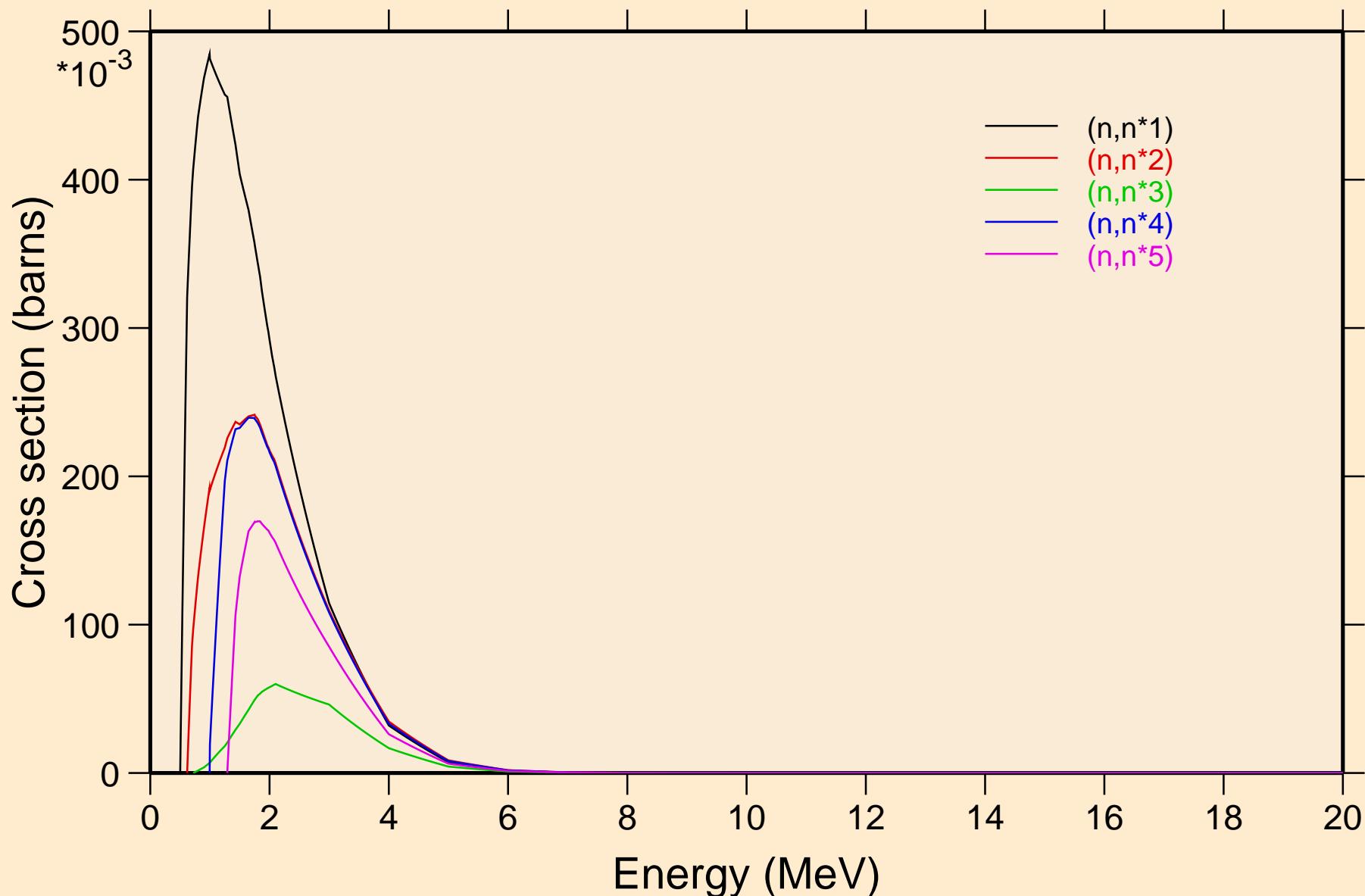
# ENDF/B-VII SN-115

## Non-threshold reactions



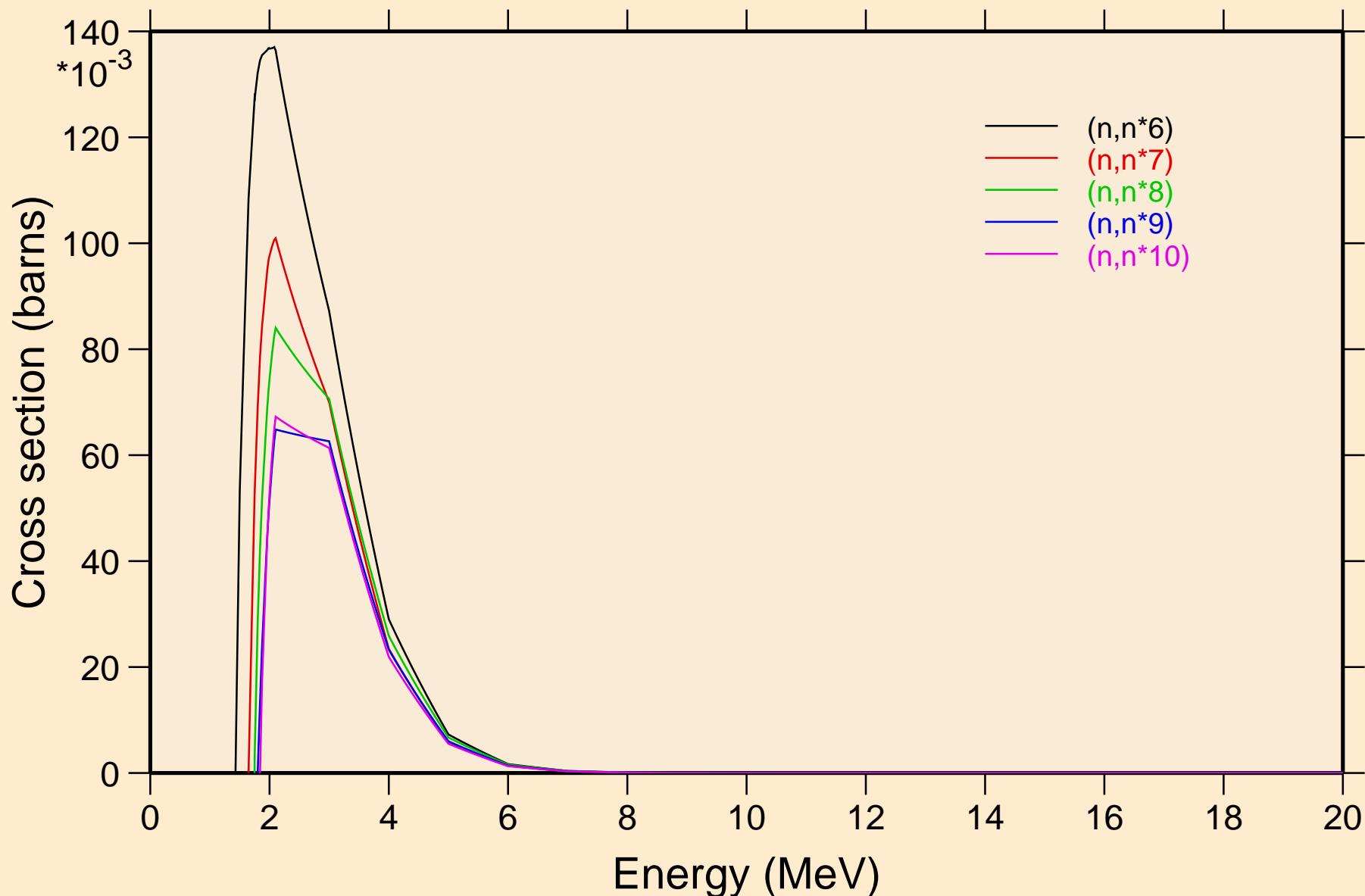
# ENDF/B-VII SN-115

## Inelastic levels



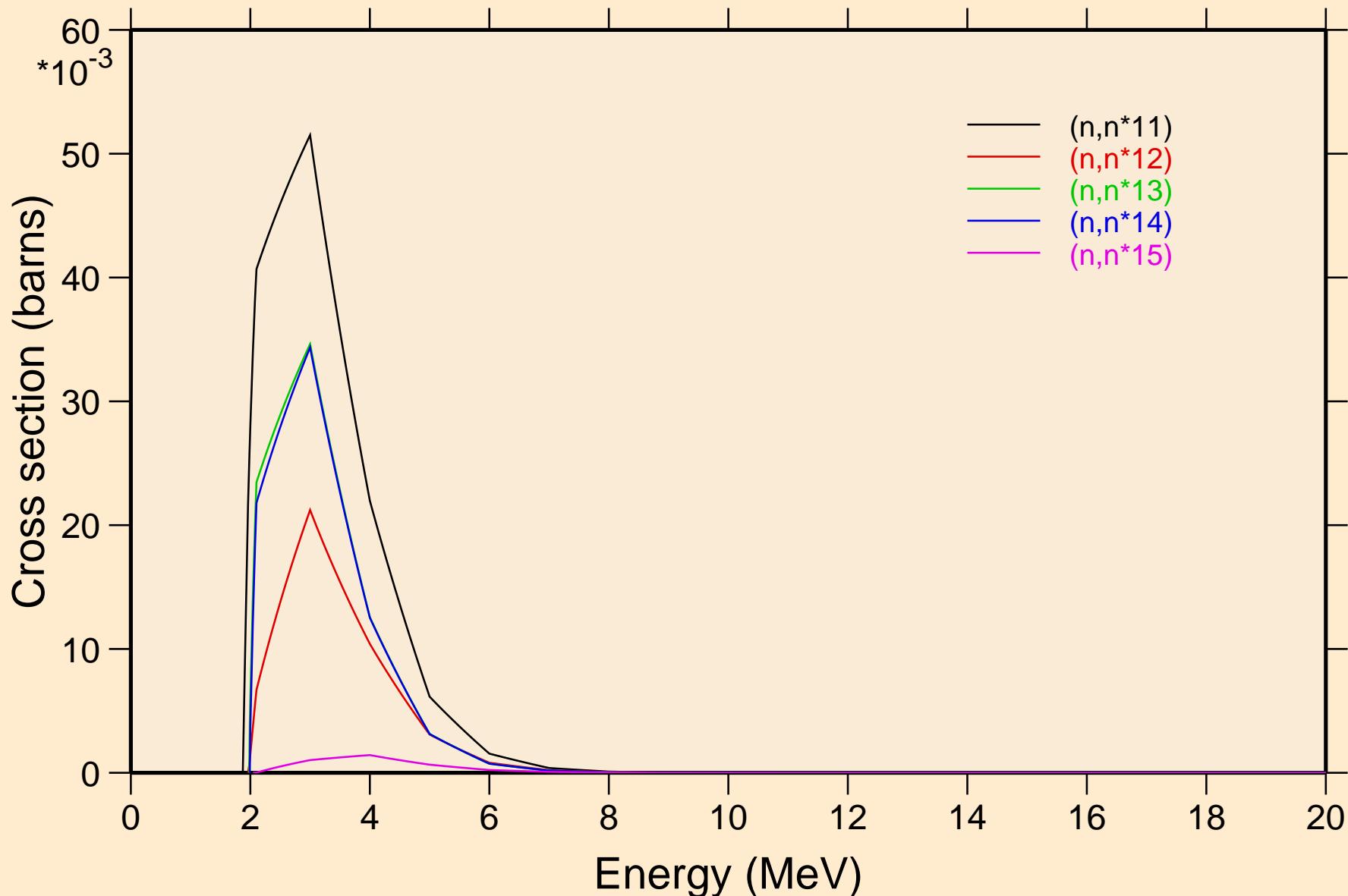
# ENDF/B-VII SN-115

## Inelastic levels



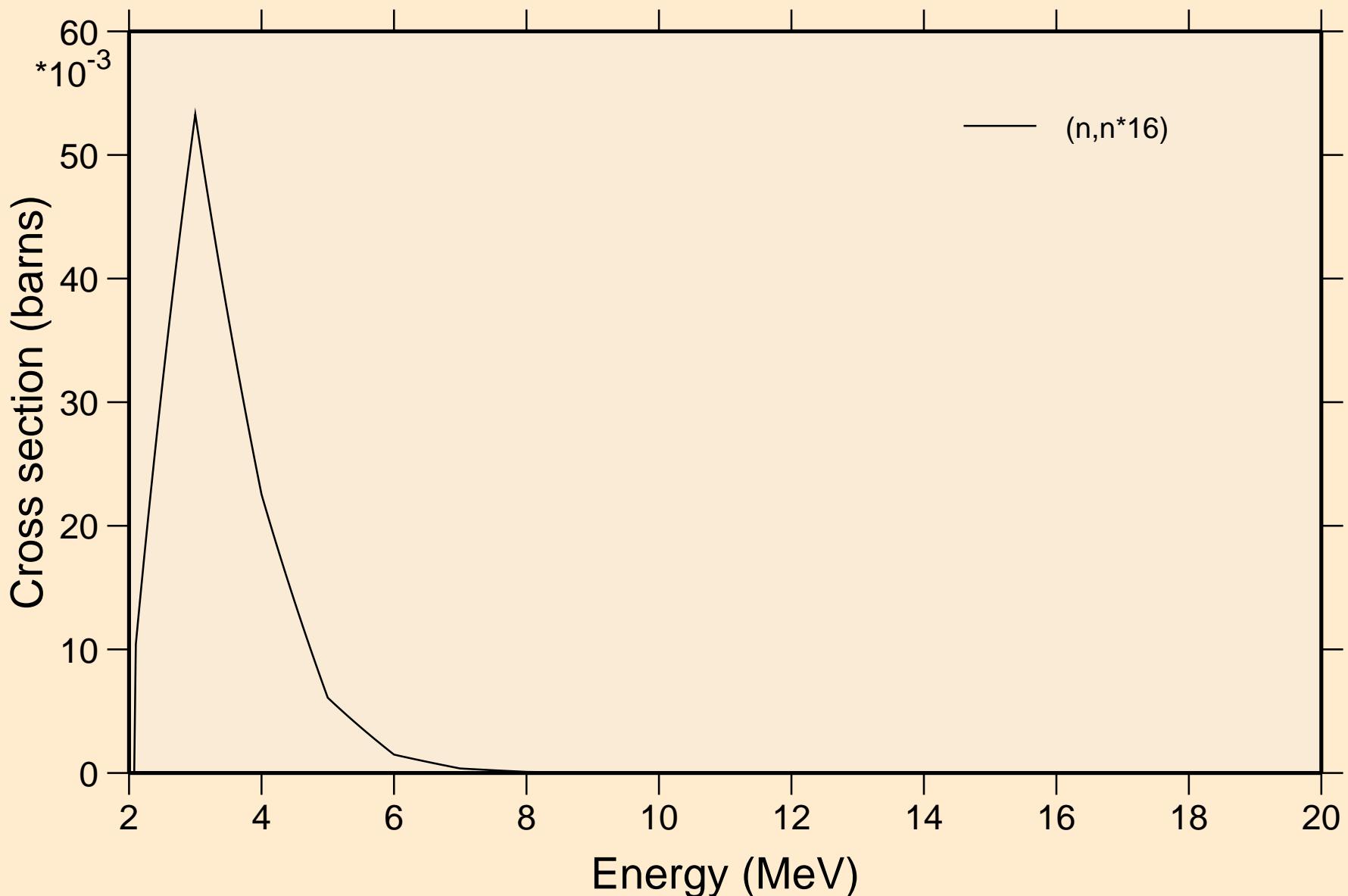
# ENDF/B-VII SN-115

## Inelastic levels



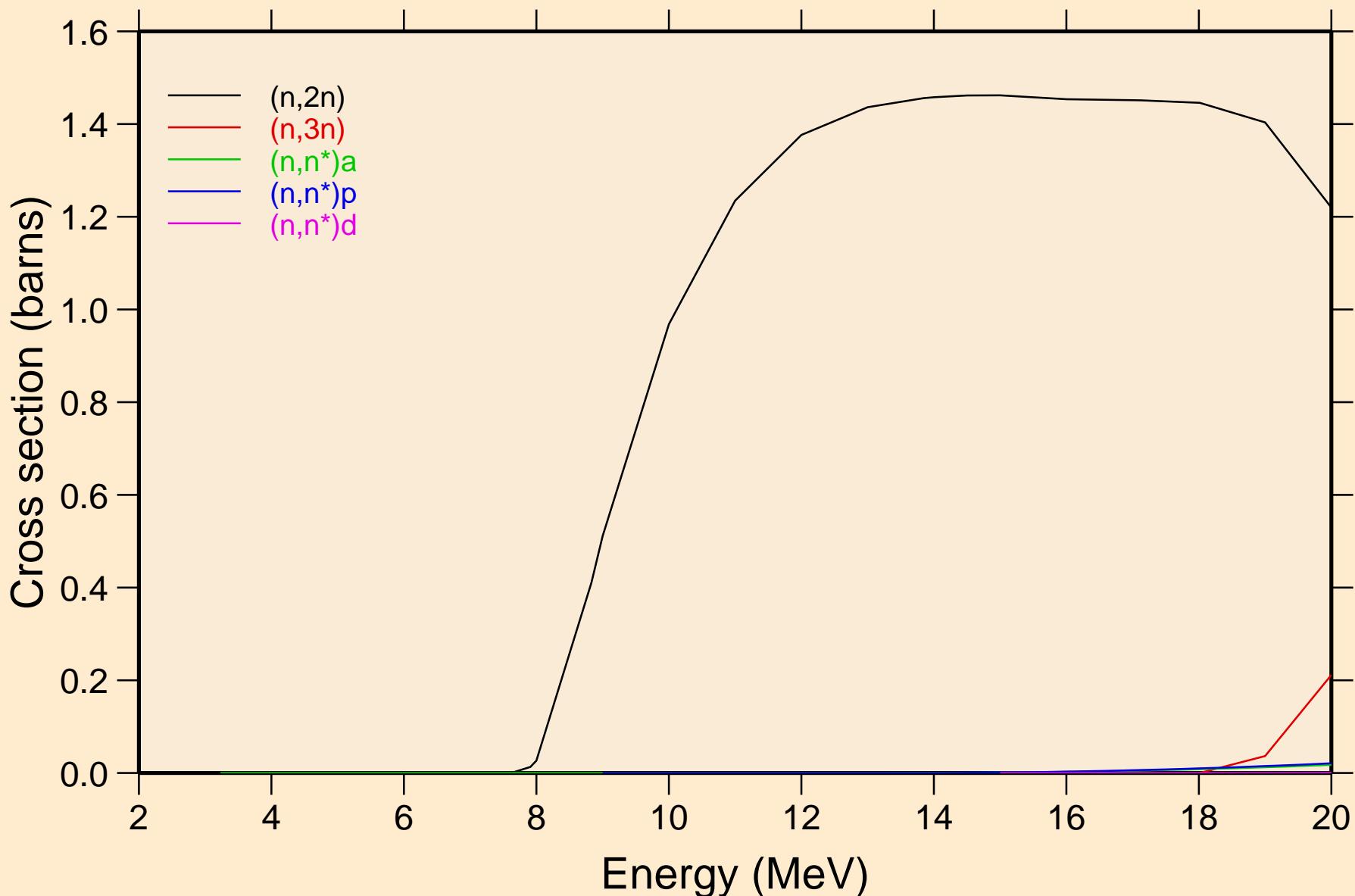
ENDF/B-VII SN-115

Inelastic levels



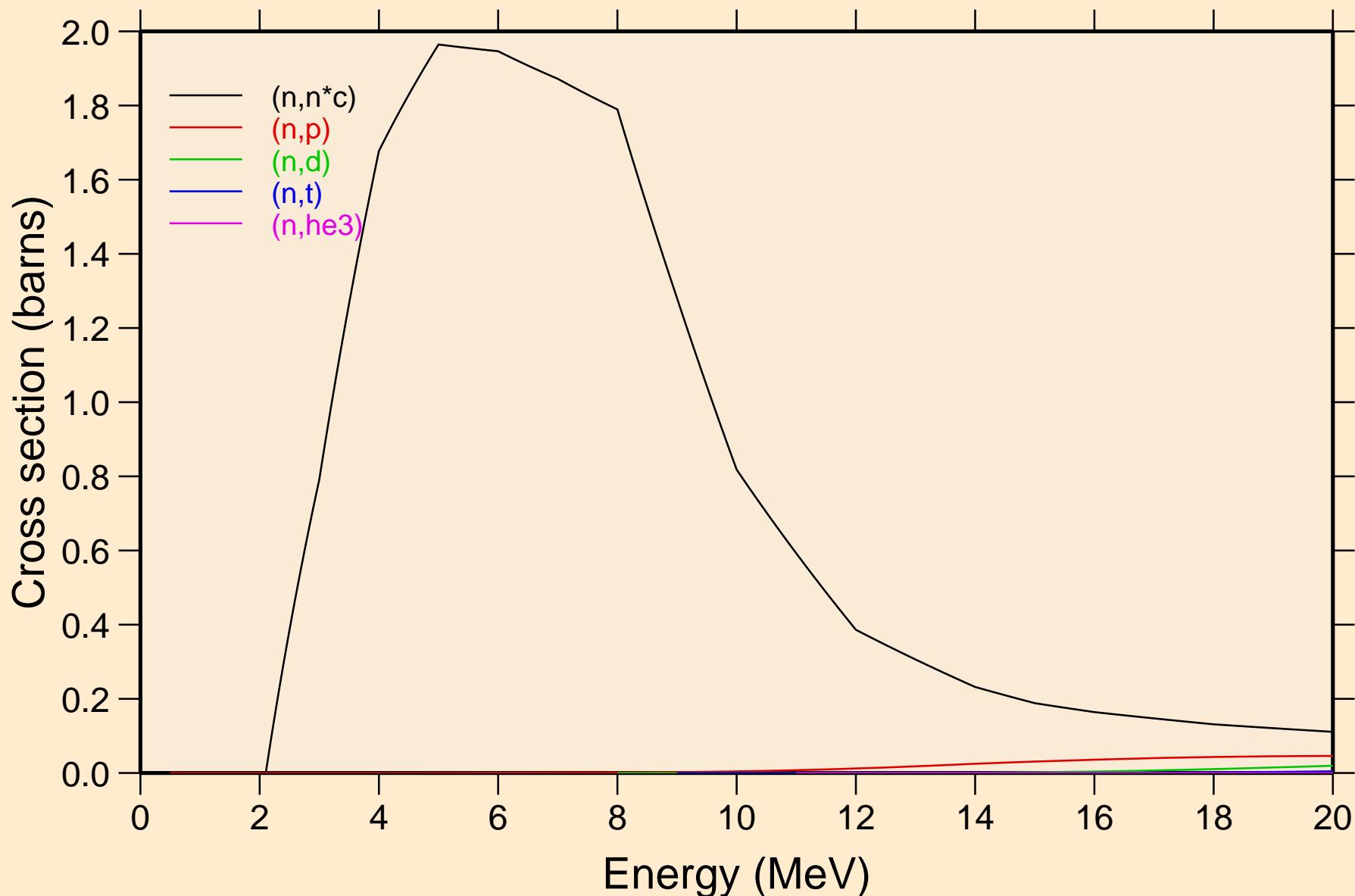
# ENDF/B-VII SN-115

## Threshold reactions



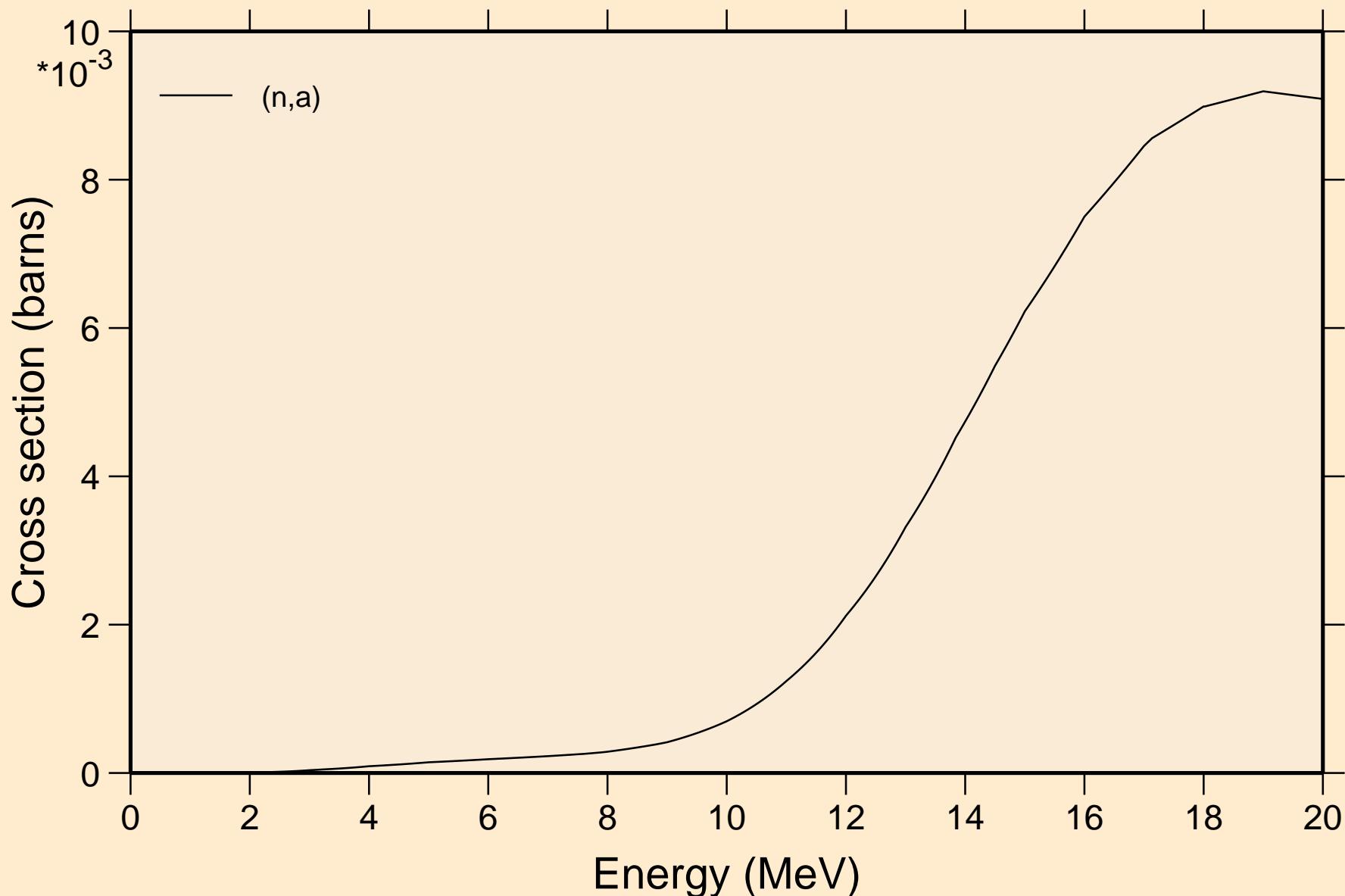
# ENDF/B-VII SN-115

## Threshold reactions



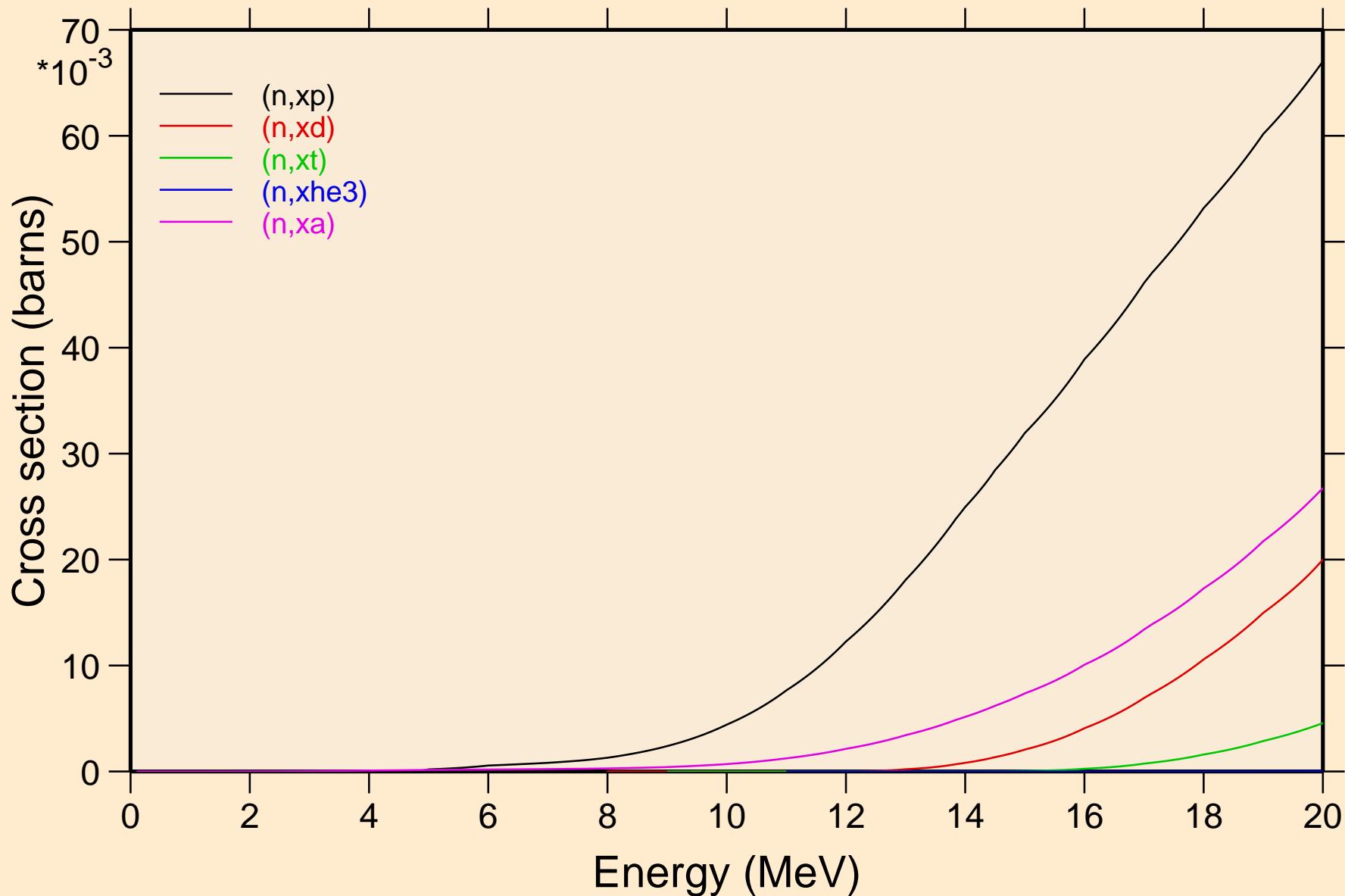
# ENDF/B-VII SN-115

## Threshold reactions

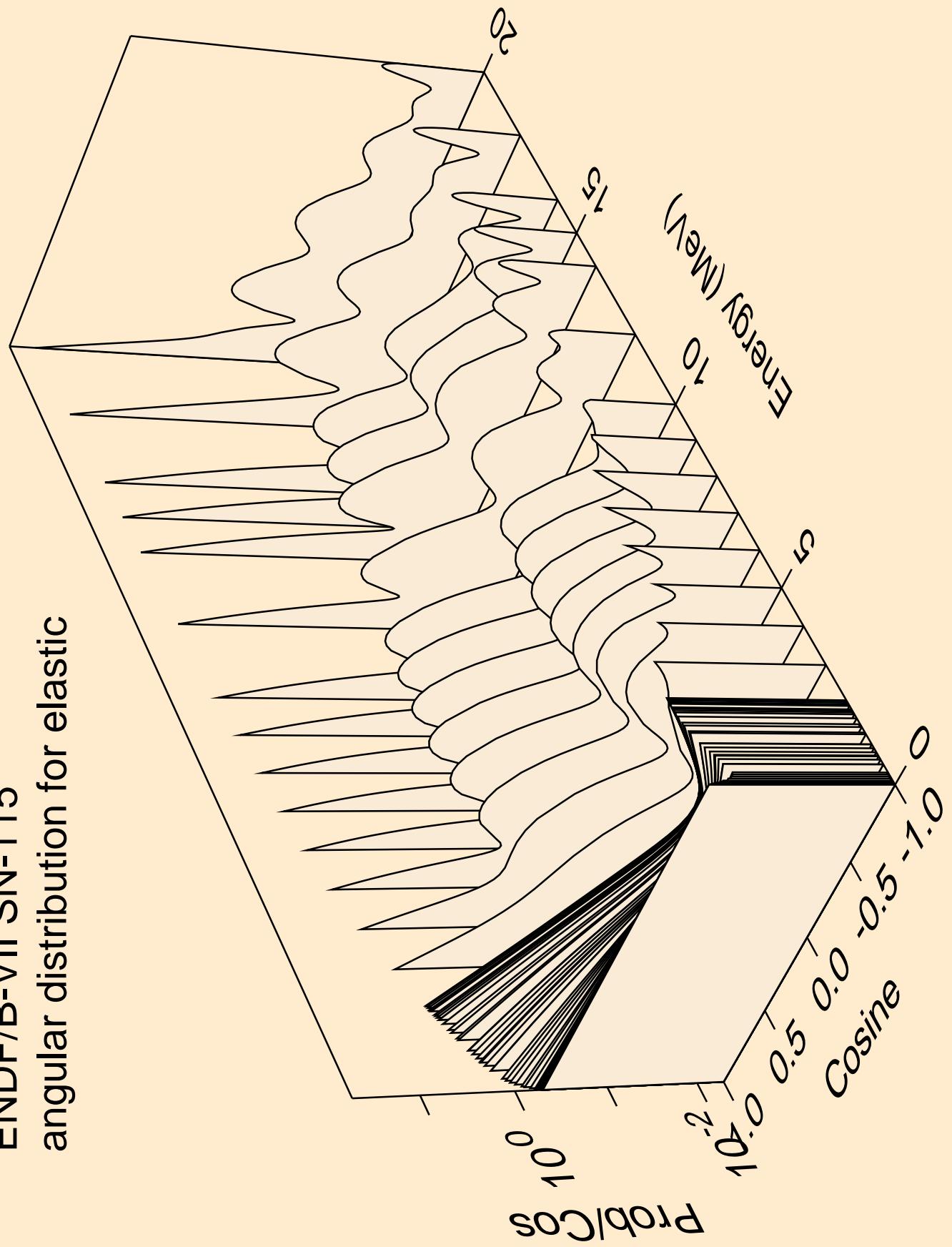


# ENDF/B-VII SN-115

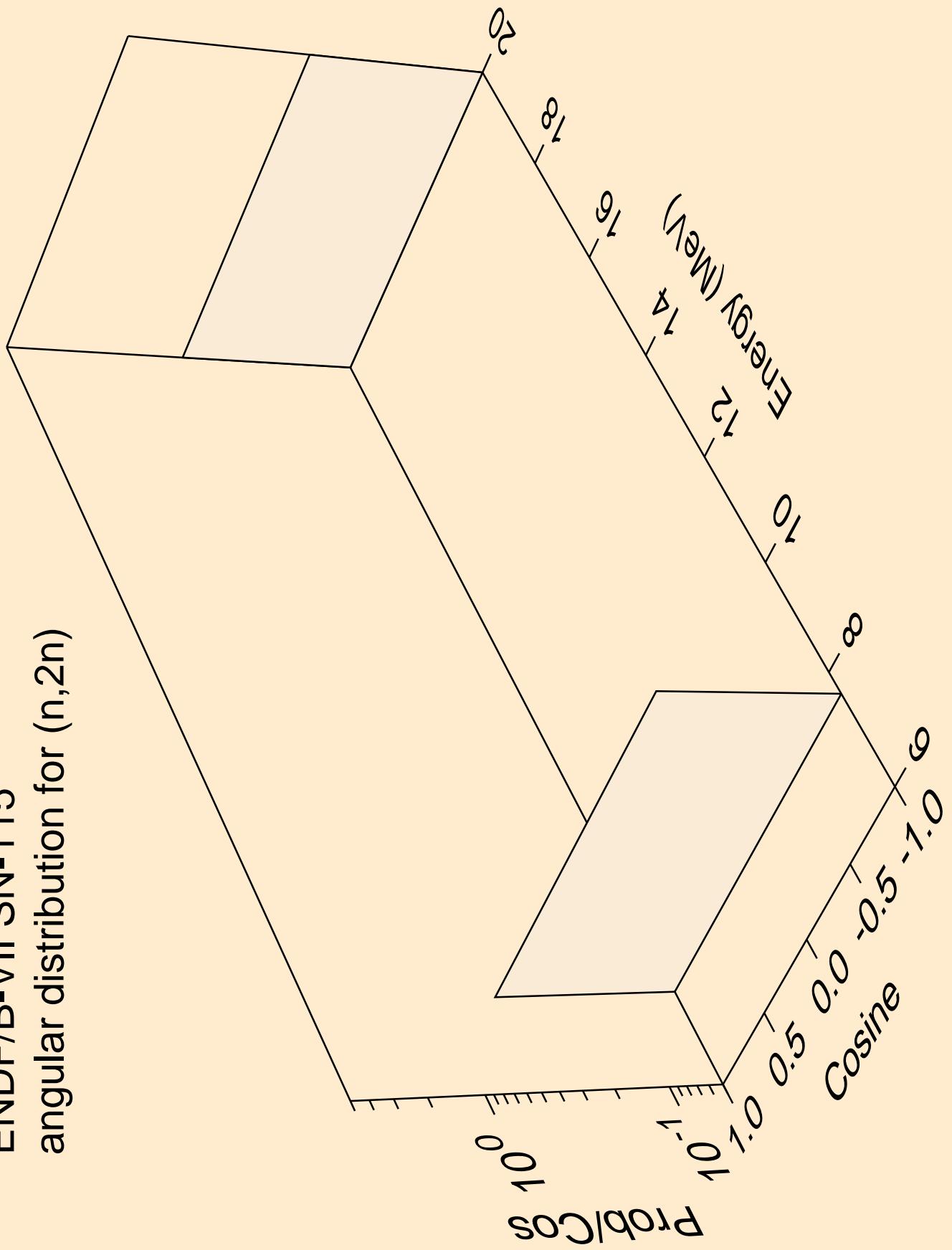
## Threshold reactions



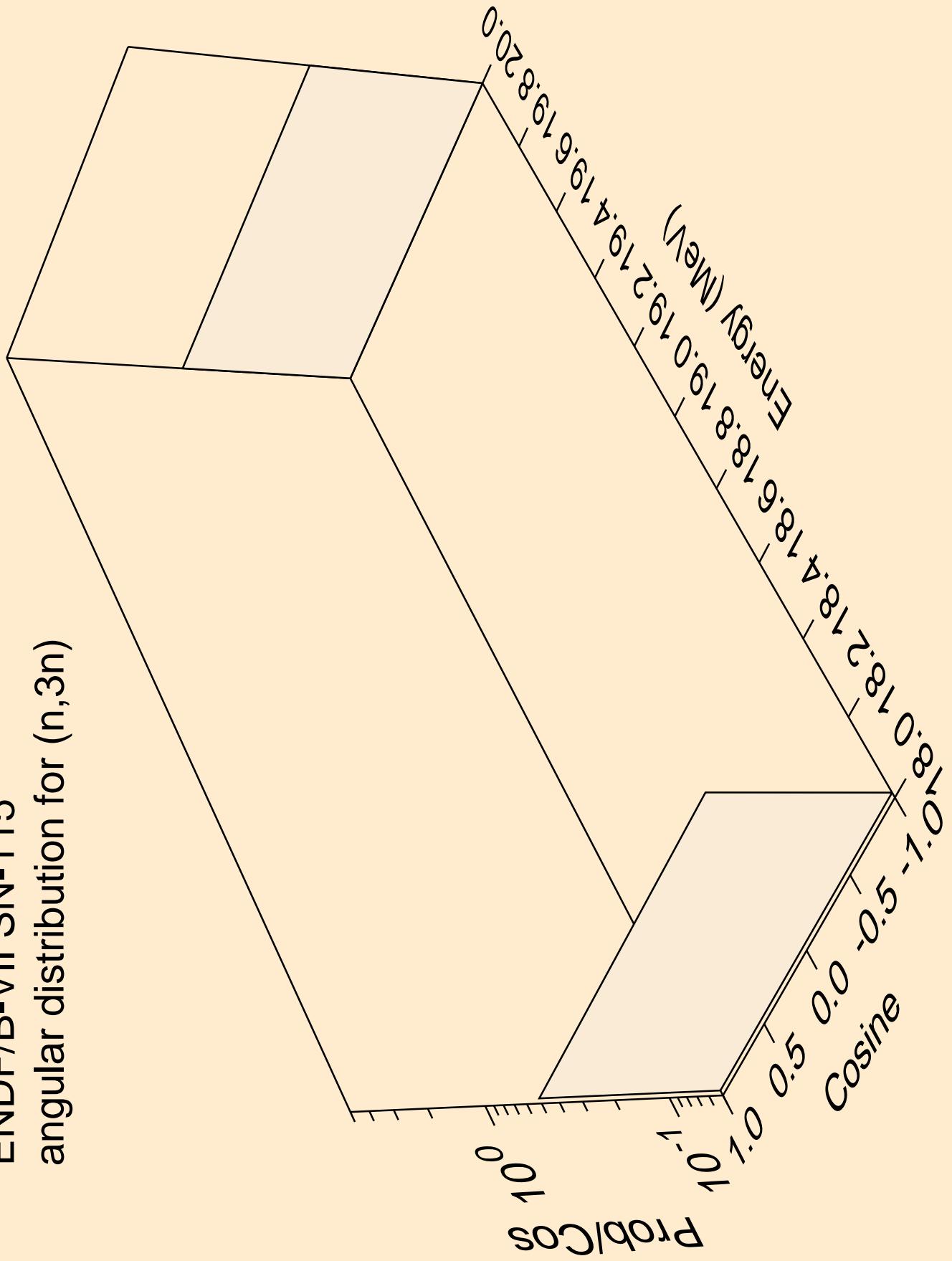
ENDF/B-VII SN-115  
angular distribution for elastic



ENDF/B-VII SN-115  
angular distribution for (n,2n)

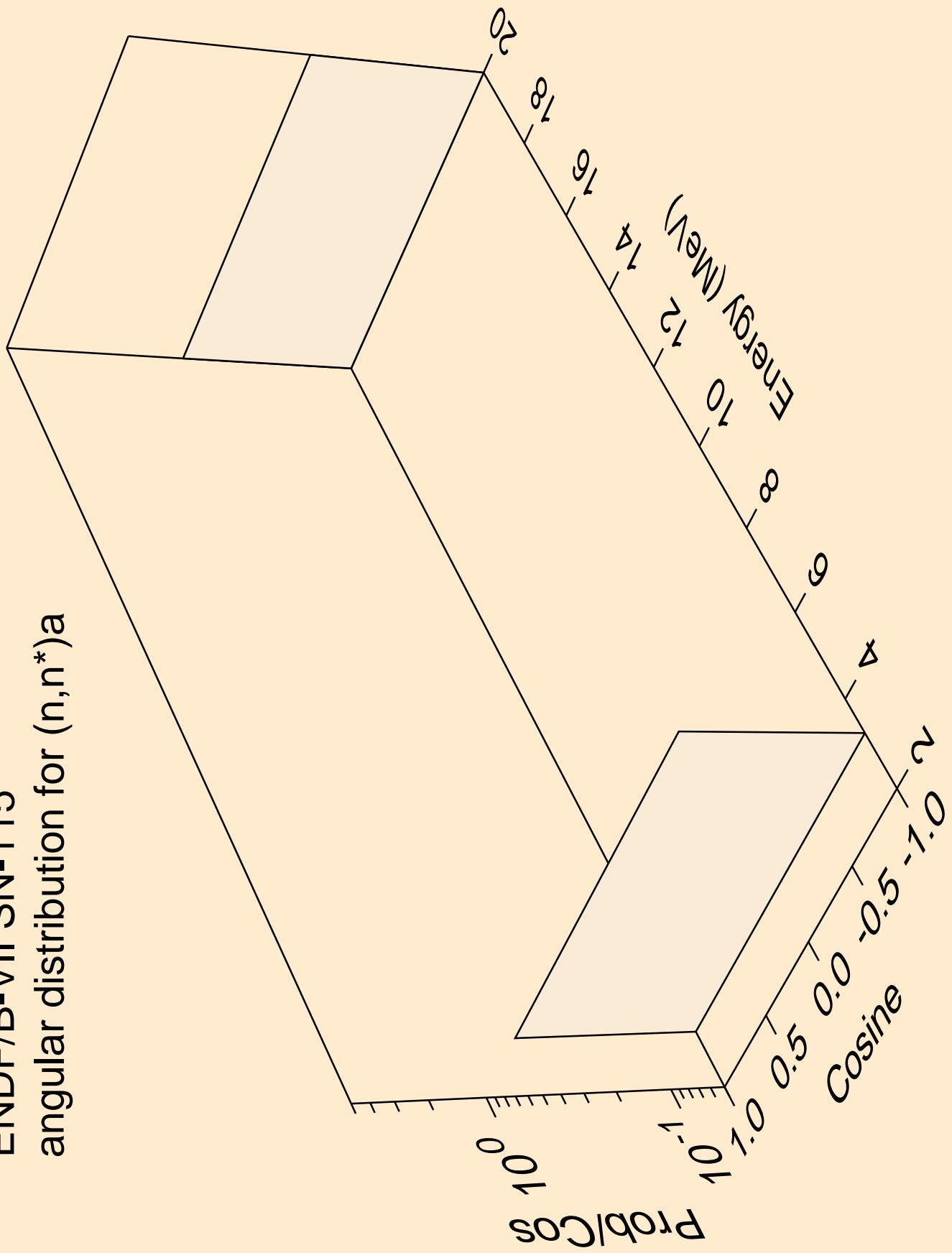


ENDF/B-VII SN-115  
angular distribution for (n,3n)



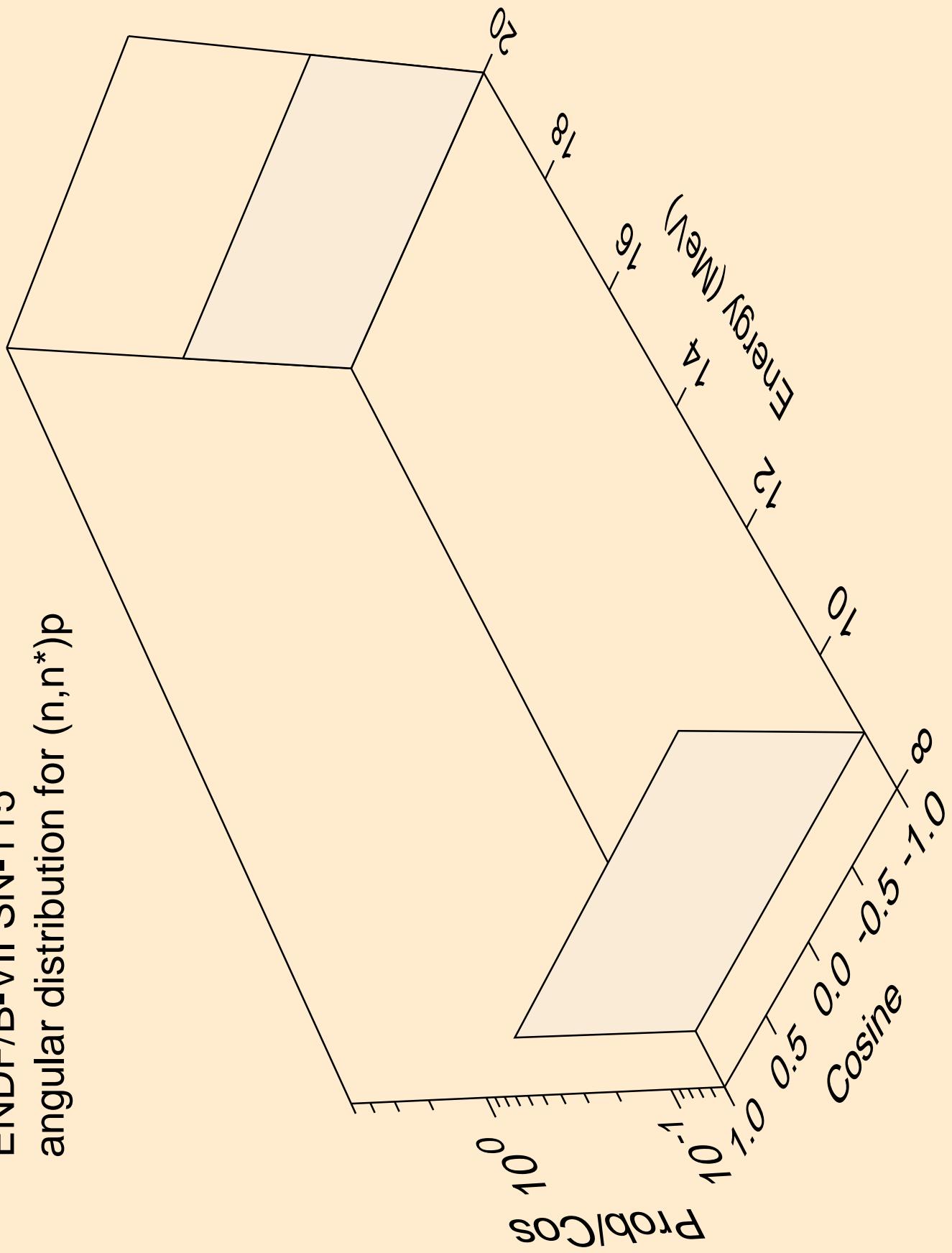
ENDF/B-VII SN-115

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



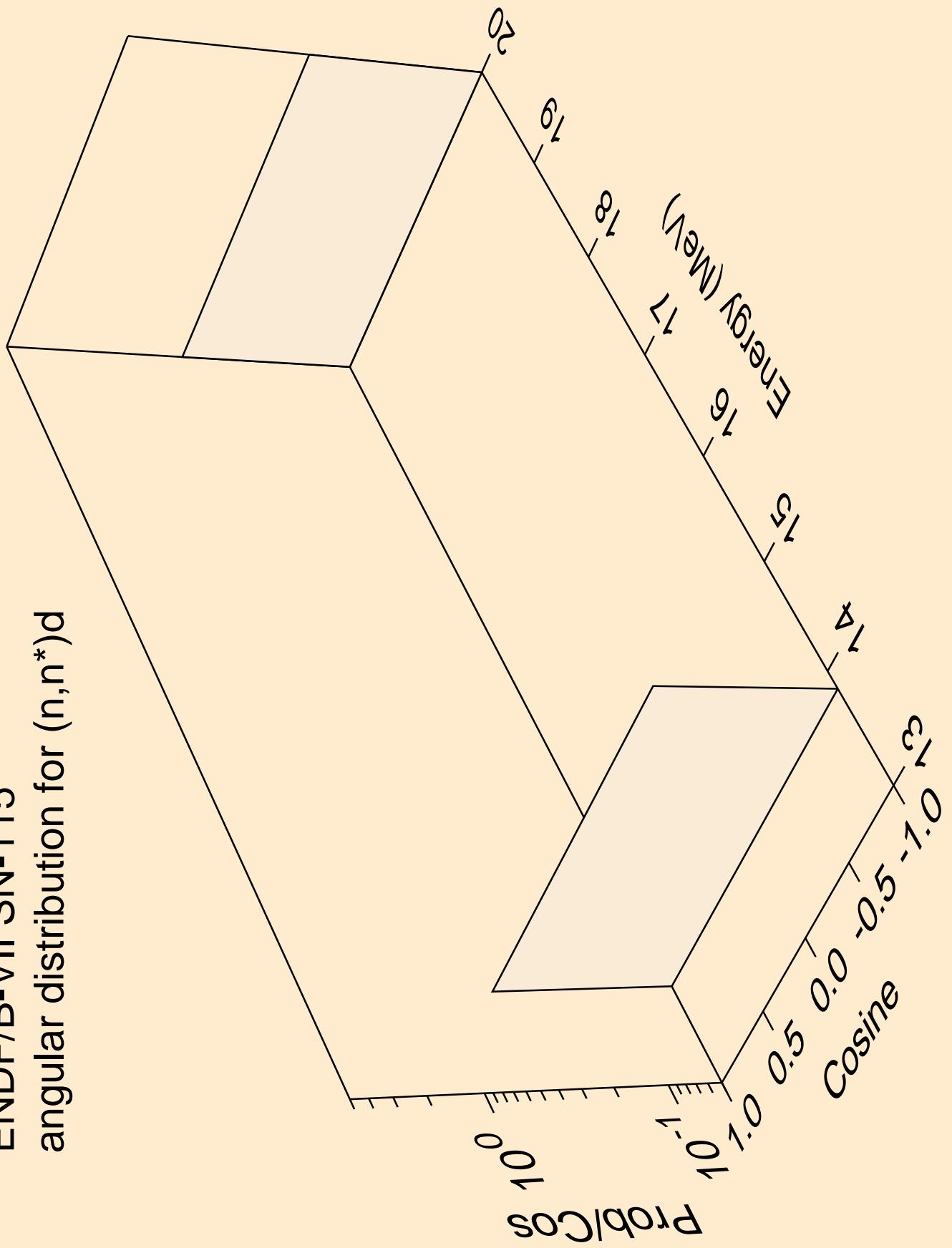
ENDF/B-VII SN-115

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



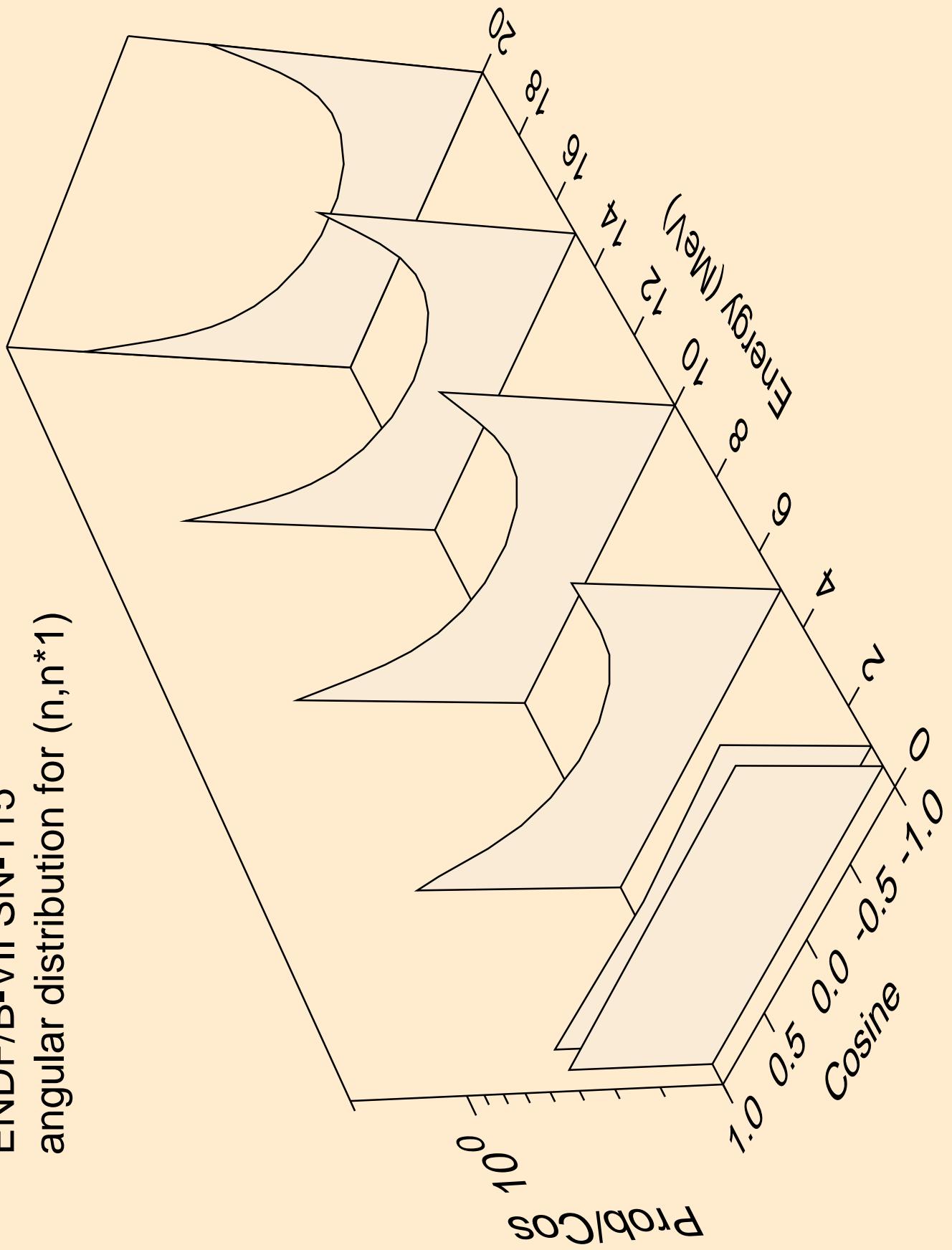
ENDF/B-VII SN-115

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



ENDF/B-VII SN-115

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



ENDF/B-VII SN-115

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  
Energ (MeV)

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII SN-115

angular distribution for (n,n\*3)

$10^0$

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

20 16 12 8 4 0

-4 -8 -12 -16 -20

22 18 14 10 6 2 0

-2 -6 -10 -14 -18 -22

ENDF/B-VII SN-115  
angular distribution for ( $n,n^*4$ )

Prob/Cos

$10^0$

0.5 -1.0  
Cosine

1.0 0.5 0.0  
Cosine

Energy (MeV)  
10 8 6 4 2 0

20

18

16

14

12

10

8

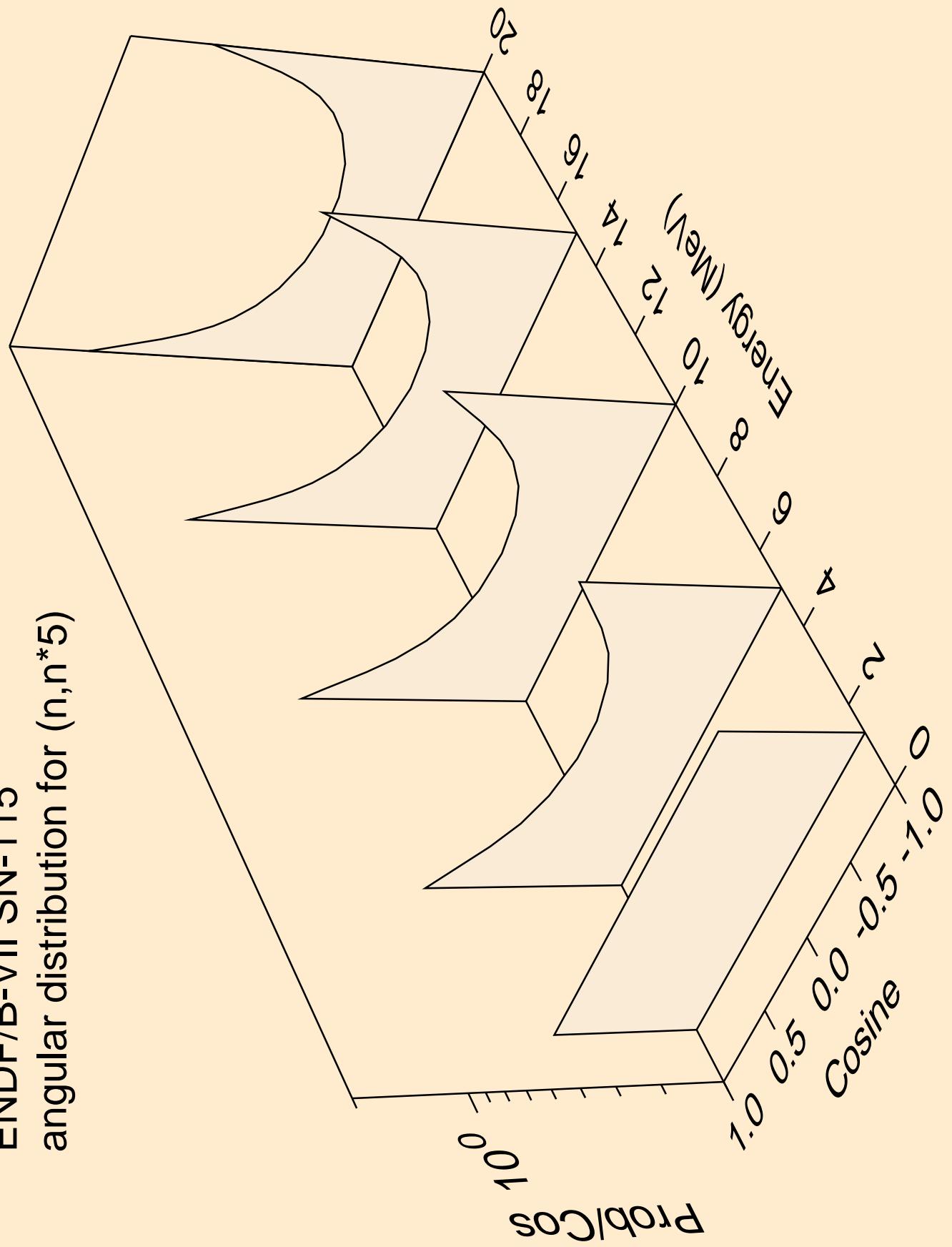
6

4

2

0

ENDF/B-VII SN-115  
angular distribution for ( $n, n^* 5$ )



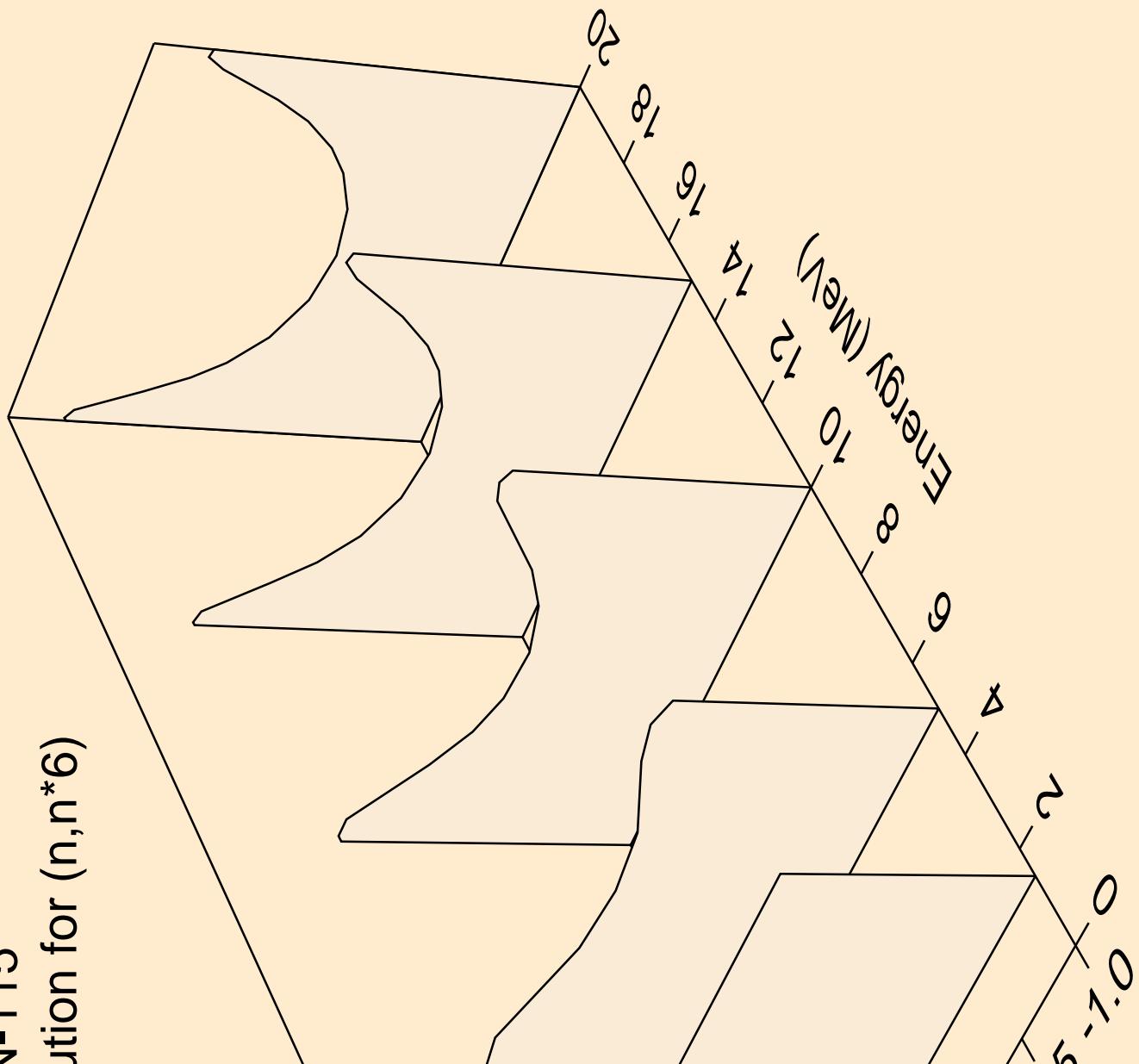
ENDF/B-VII SN-115

angular distribution for (n,n\*6)

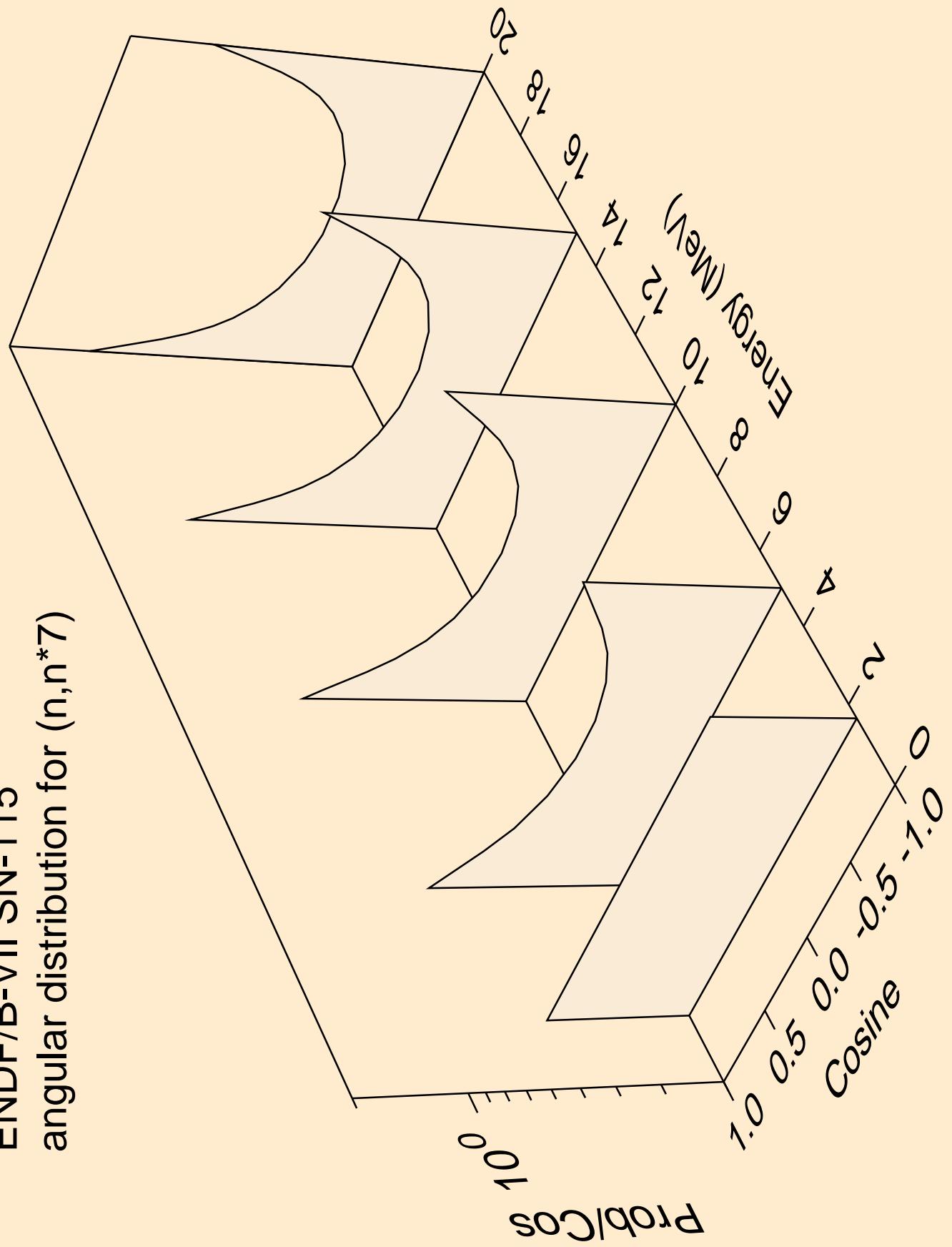
$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII SN-115  
angular distribution for ( $n,n^*7$ )



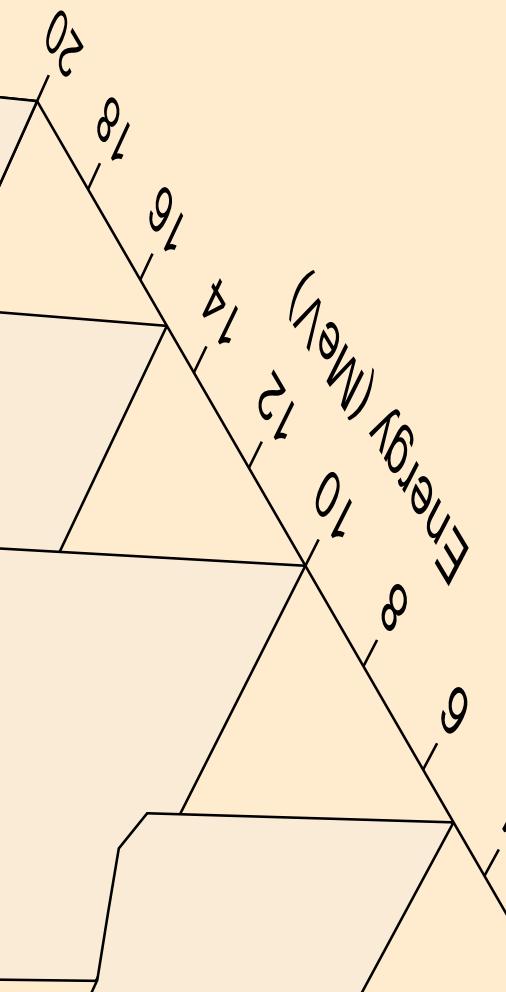
ENDF/B-VII SN-115

angular distribution for (n,n\*8)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



Energy (MeV)  
10 8 6 4 2 0

Cosine  
1.0 0.5 0.0 -0.5 -1.0

20  
18  
16  
14  
12  
10  
8  
6  
4  
2  
0

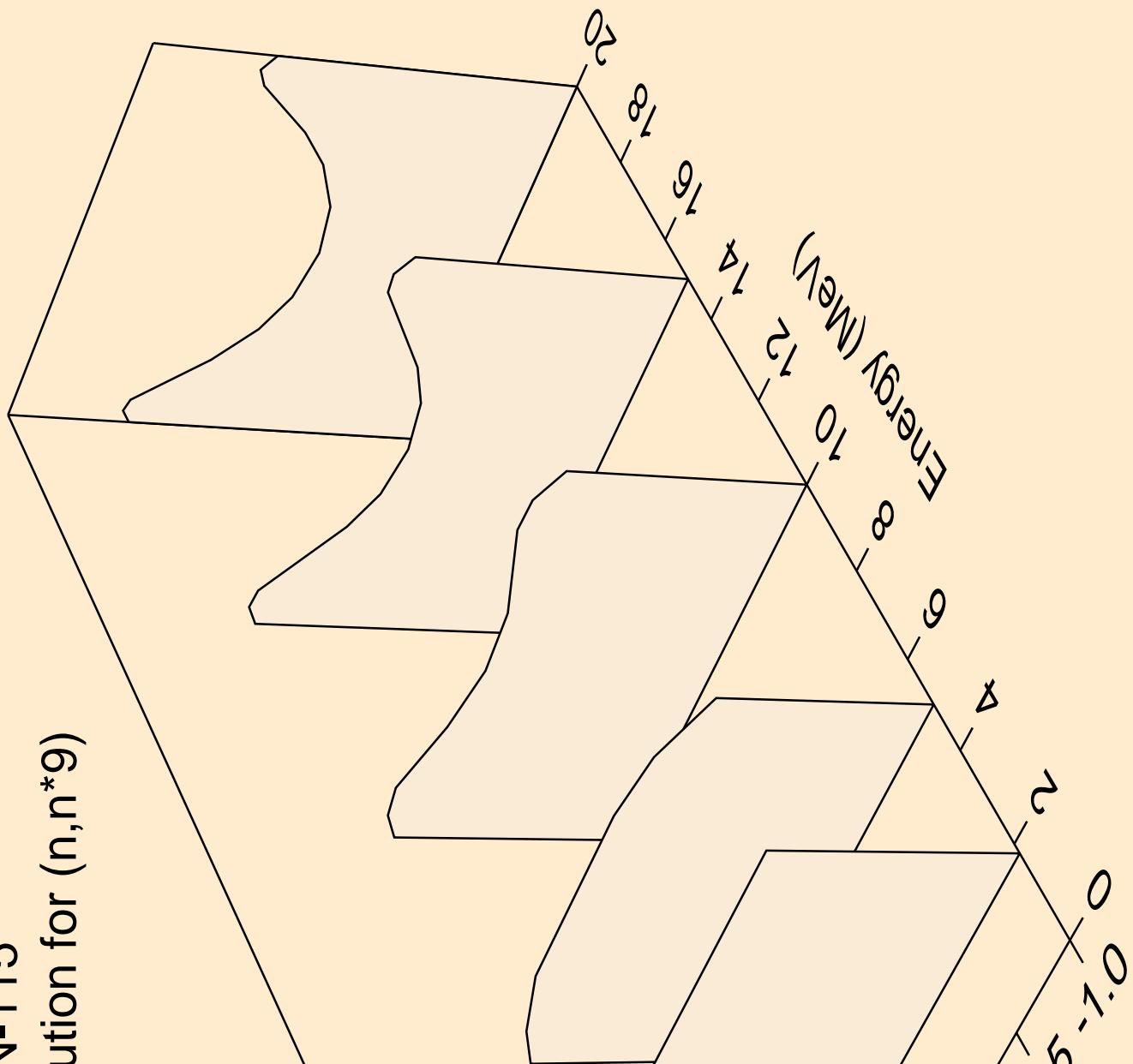
ENDF/B-VII SN-115

angular distribution for (n,n\*9)

$10^0$

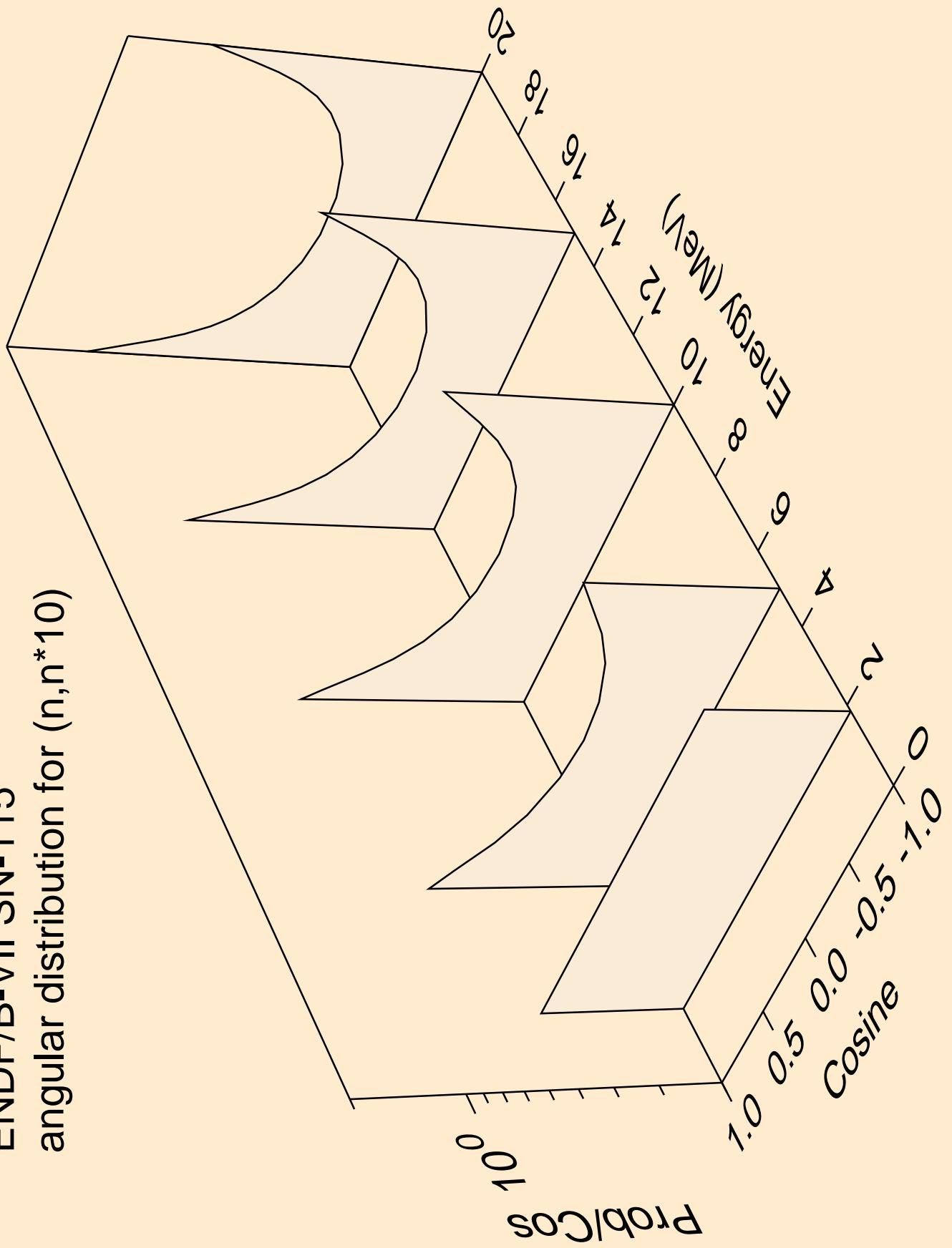
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII SN-115

angular distribution for (n,n\*10)



ENDF/B-VII SN-115

angular distribution for (n,n\*11)

$10^0$

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 SN-115

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)

20

18

16

14

12

10

8

6

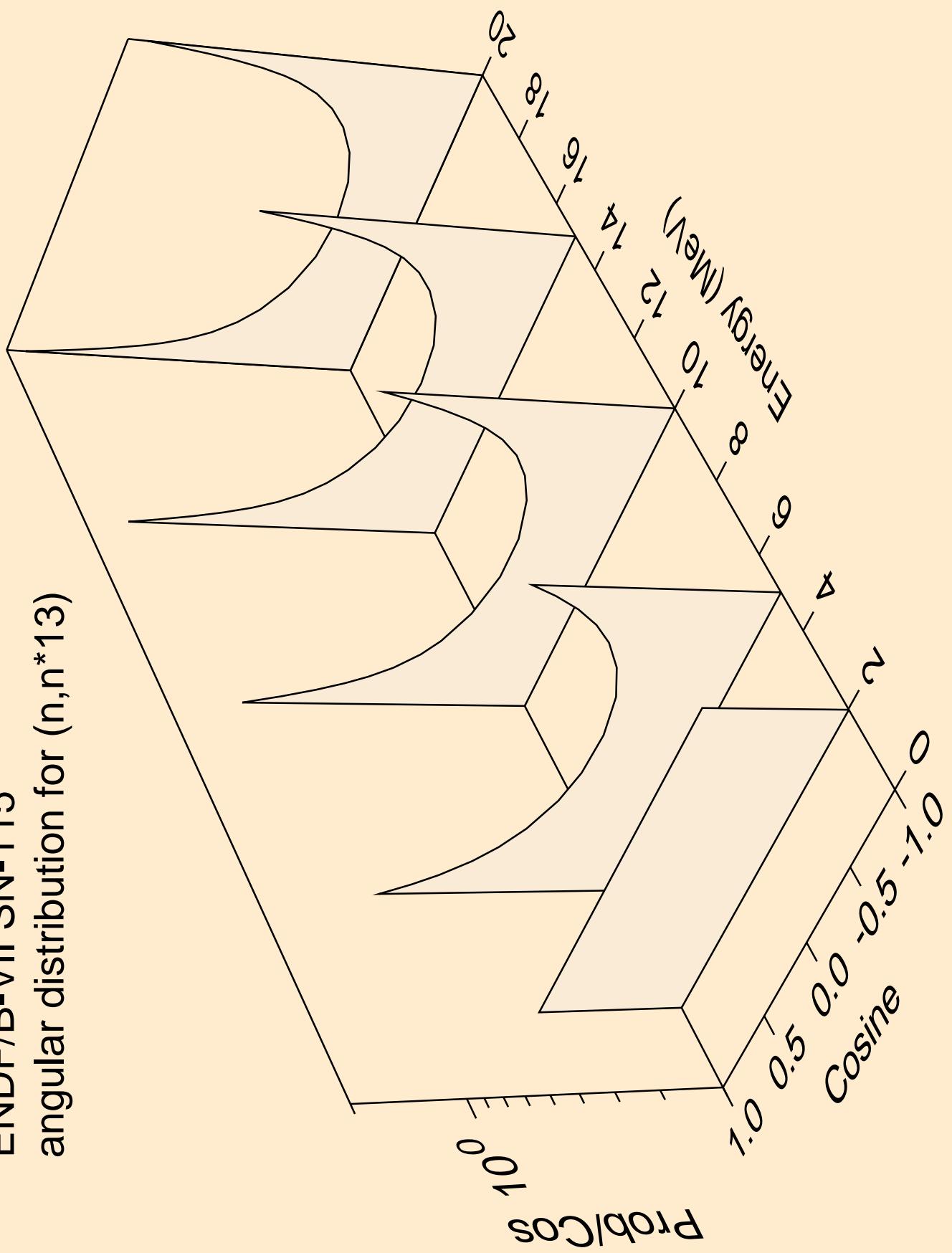
4

2

0

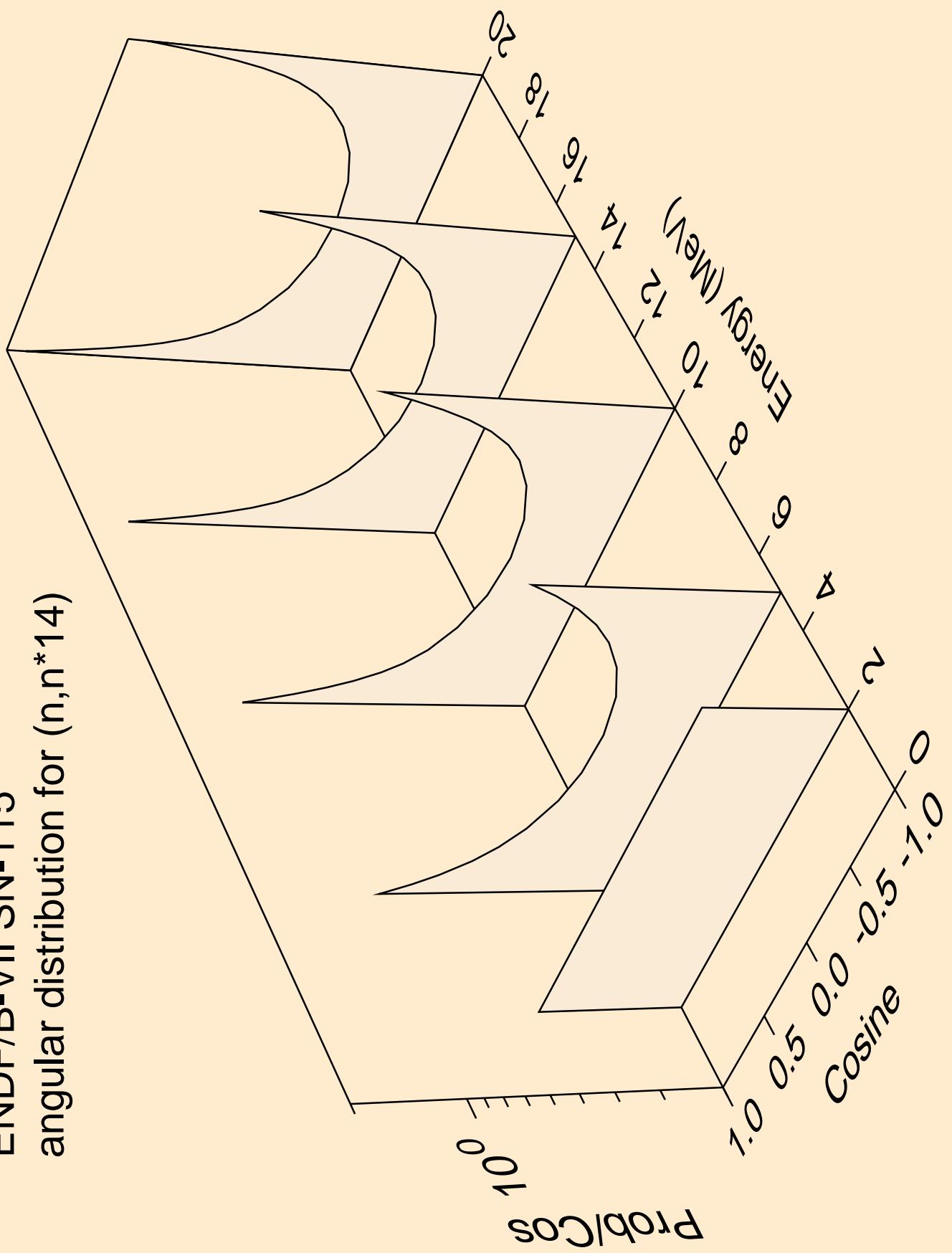
# ENDF/B-VII SN-115

## angular distribution for (n,n\*13)



ENDF/B-VII SN-115

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



ENDF/B-VII SN-115

angular distribution for (n,n\*15)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

Energy (MeV)

10

8

6

4

2

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII SN-115

angular distribution for (n,n\*16)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

20

18

16

14

Energy (MeV)

10

8

6

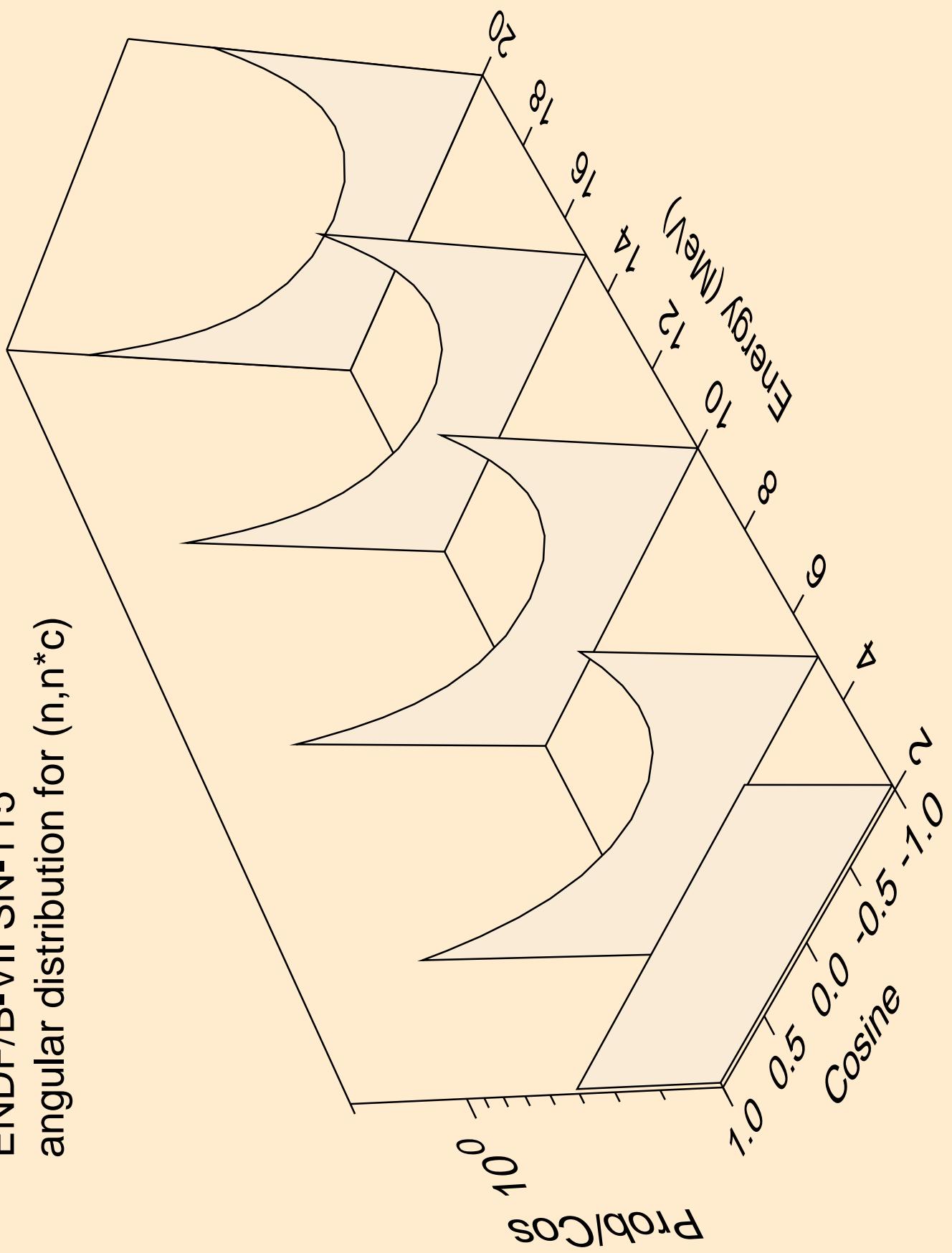
4

2

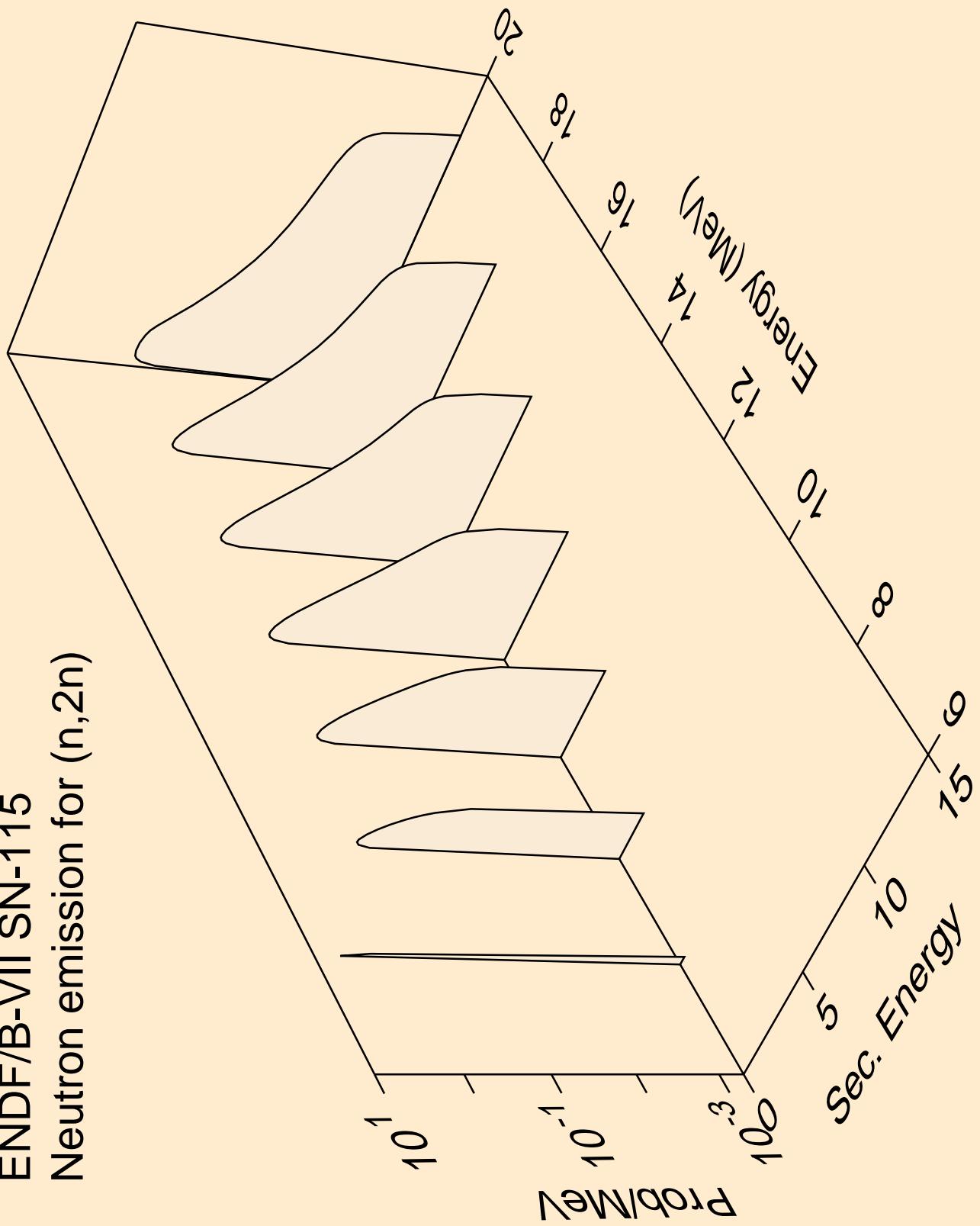
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ENDF/B-VII SN-115

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

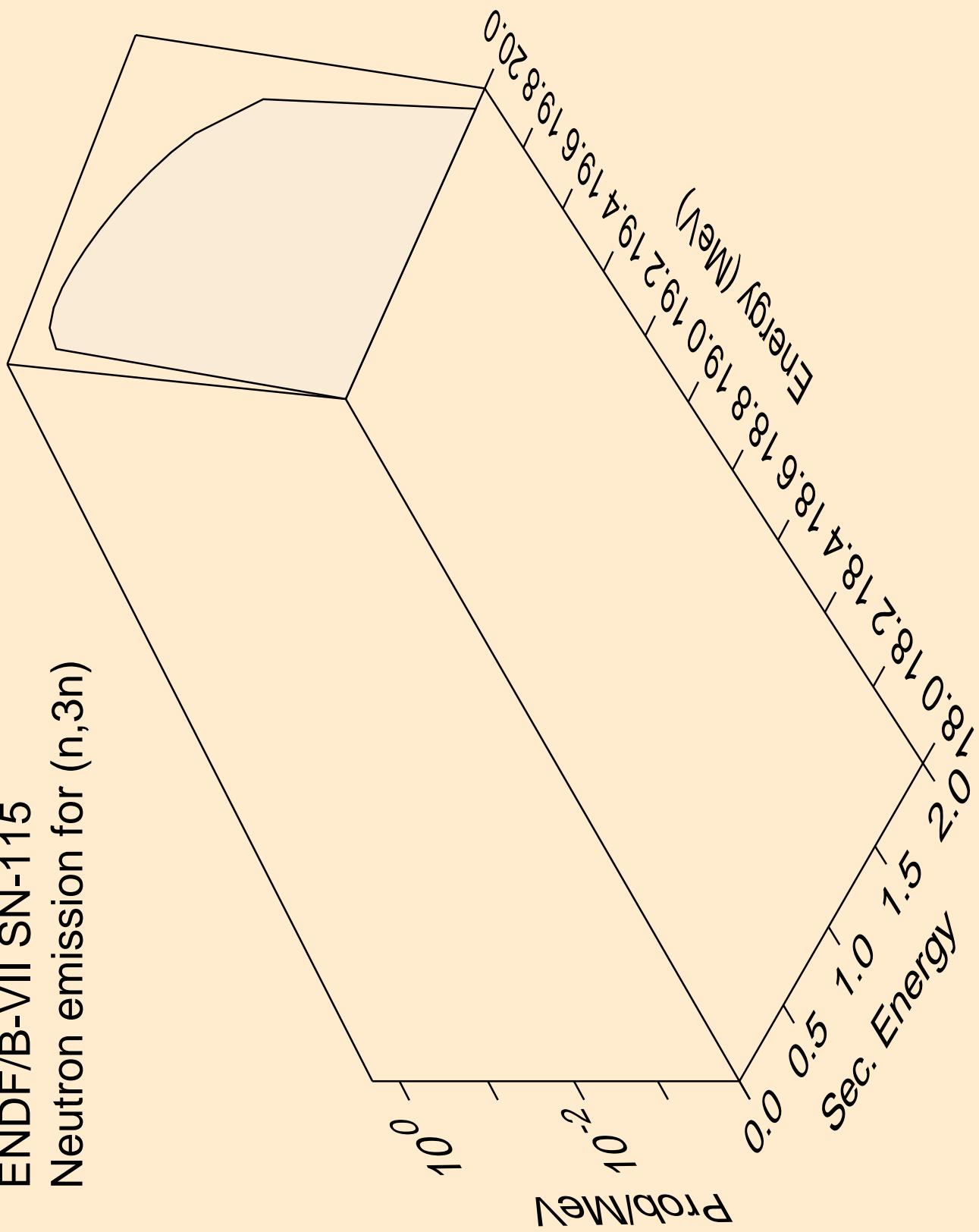


ENDF/B-VII SN-115  
Neutron emission for  $(n,2n)$



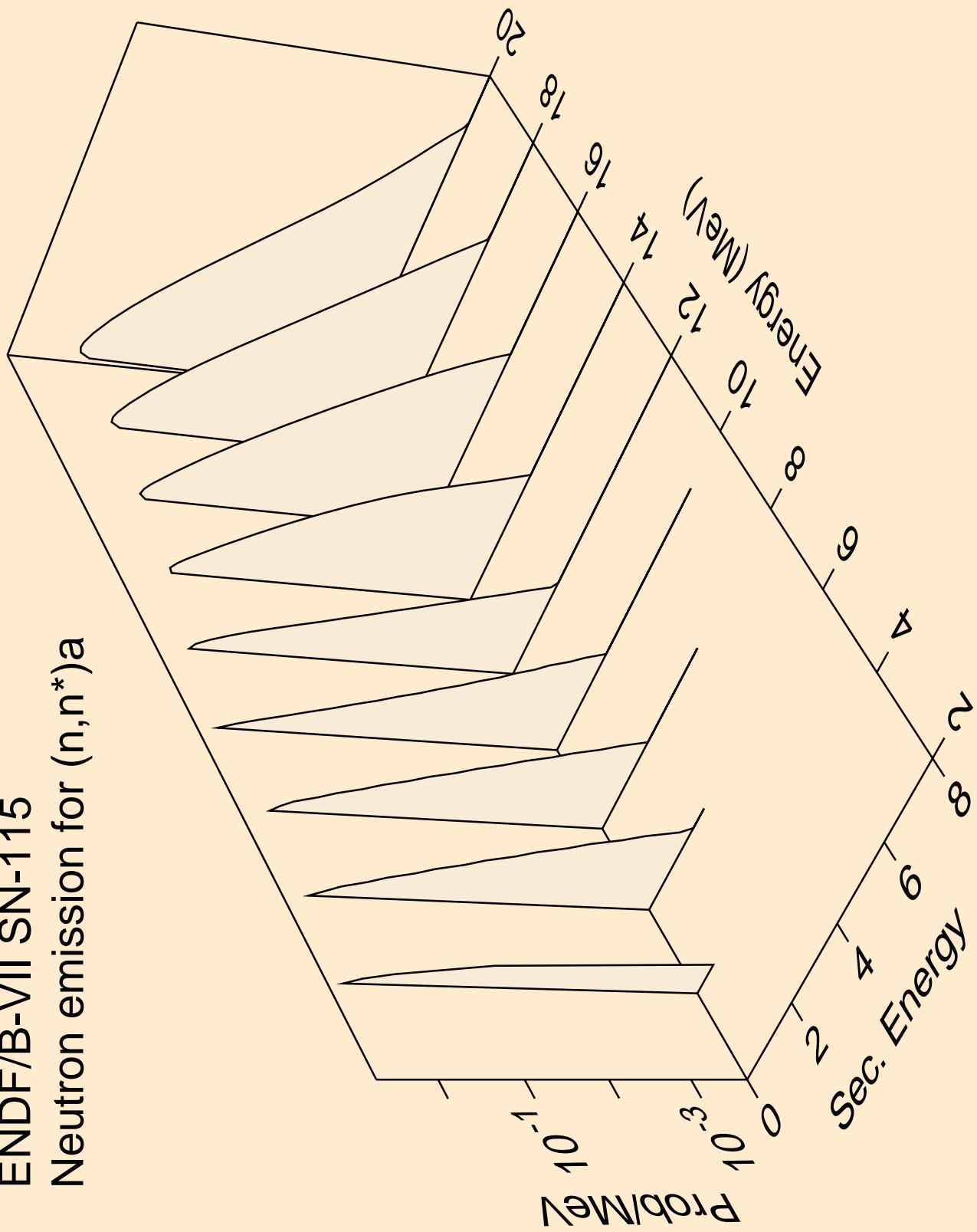
ENDF/B-VII SN-115

Neutron emission for  $(n,3n)$



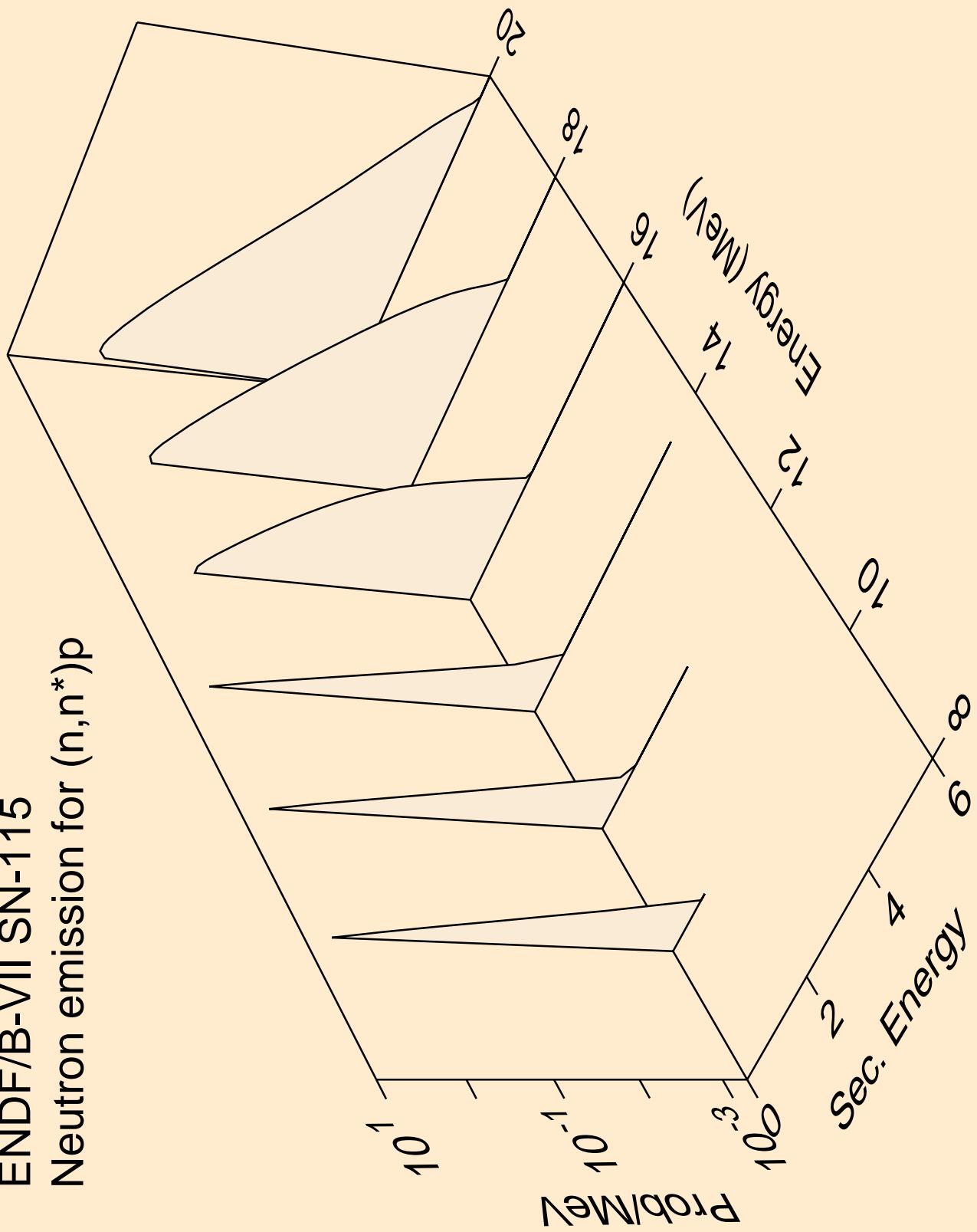
ENDF/B-VII SN-115

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



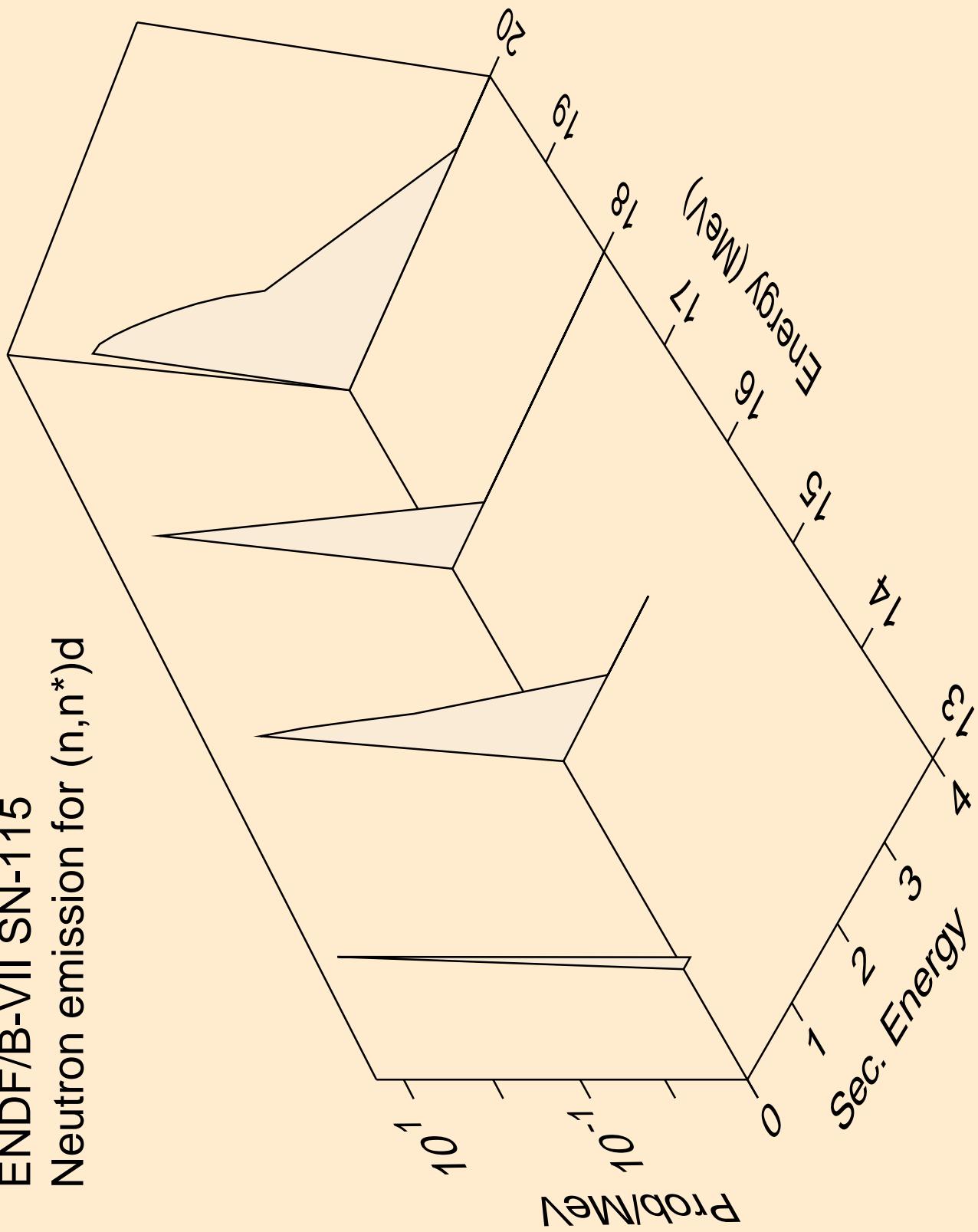
ENDF/B-VII SN-115

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



ENDF/B-VII SN-115

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



ENDF/B-VII SN-115

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

