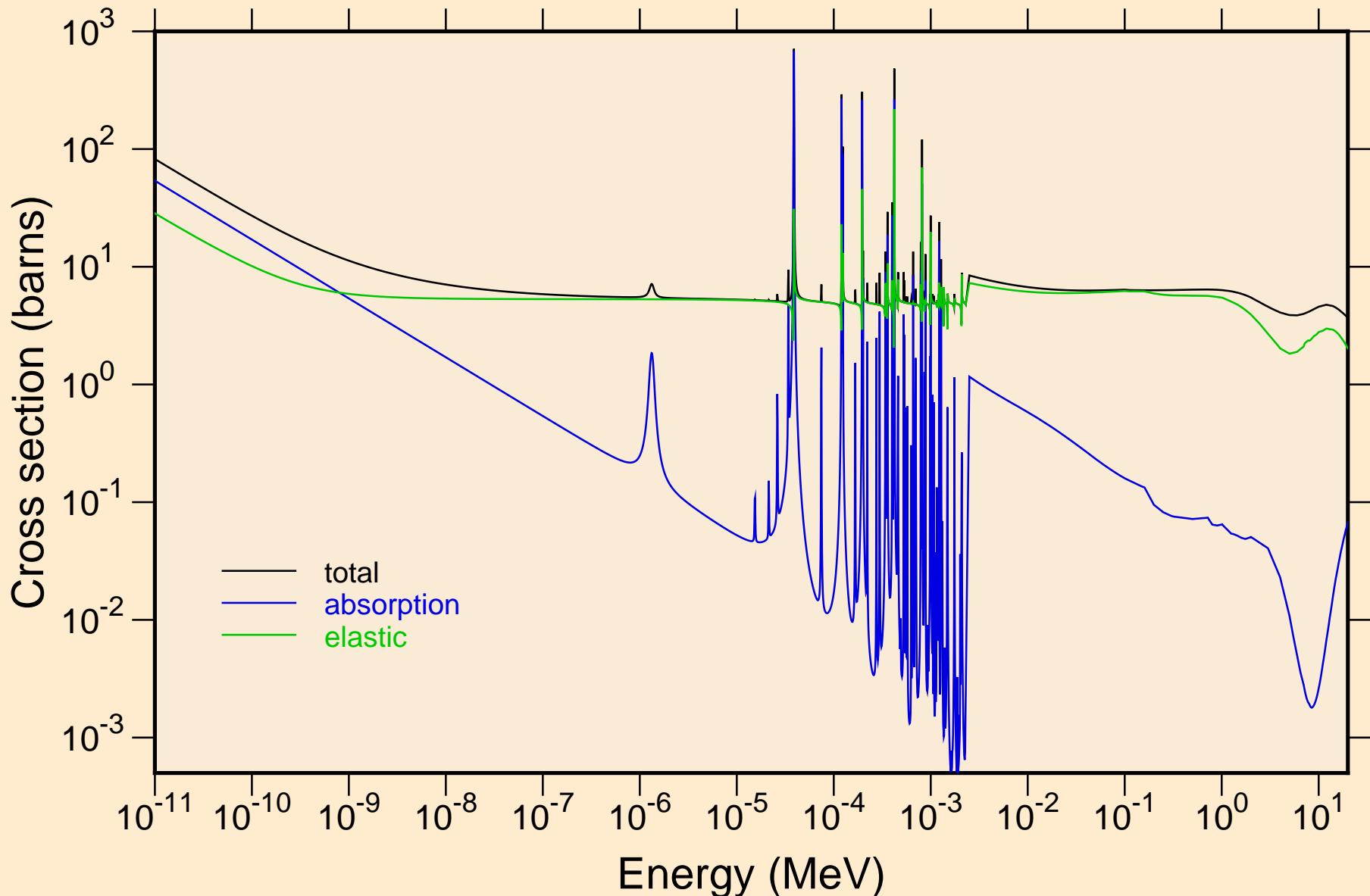
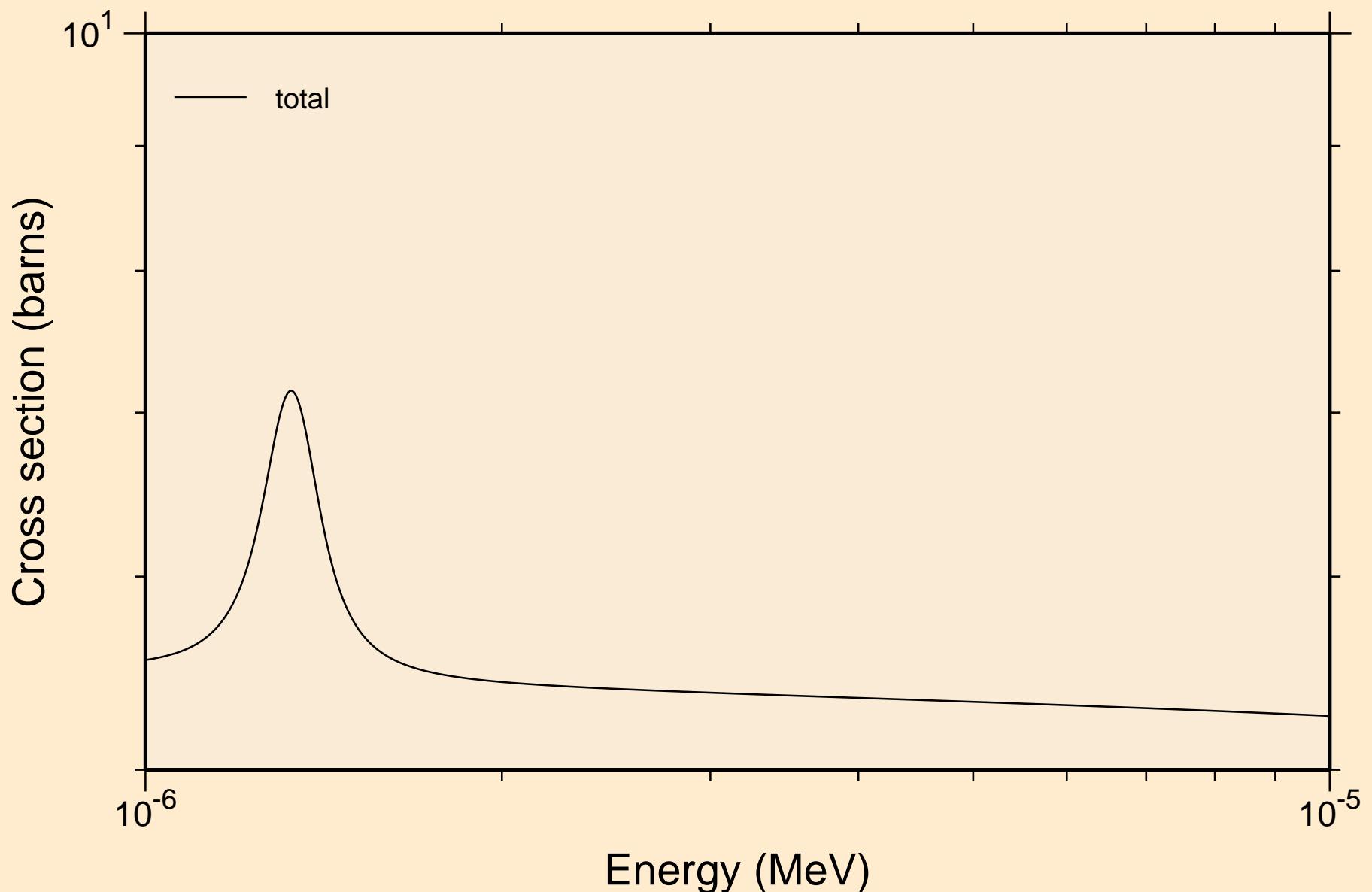


# ENDF/B-VII SN-117

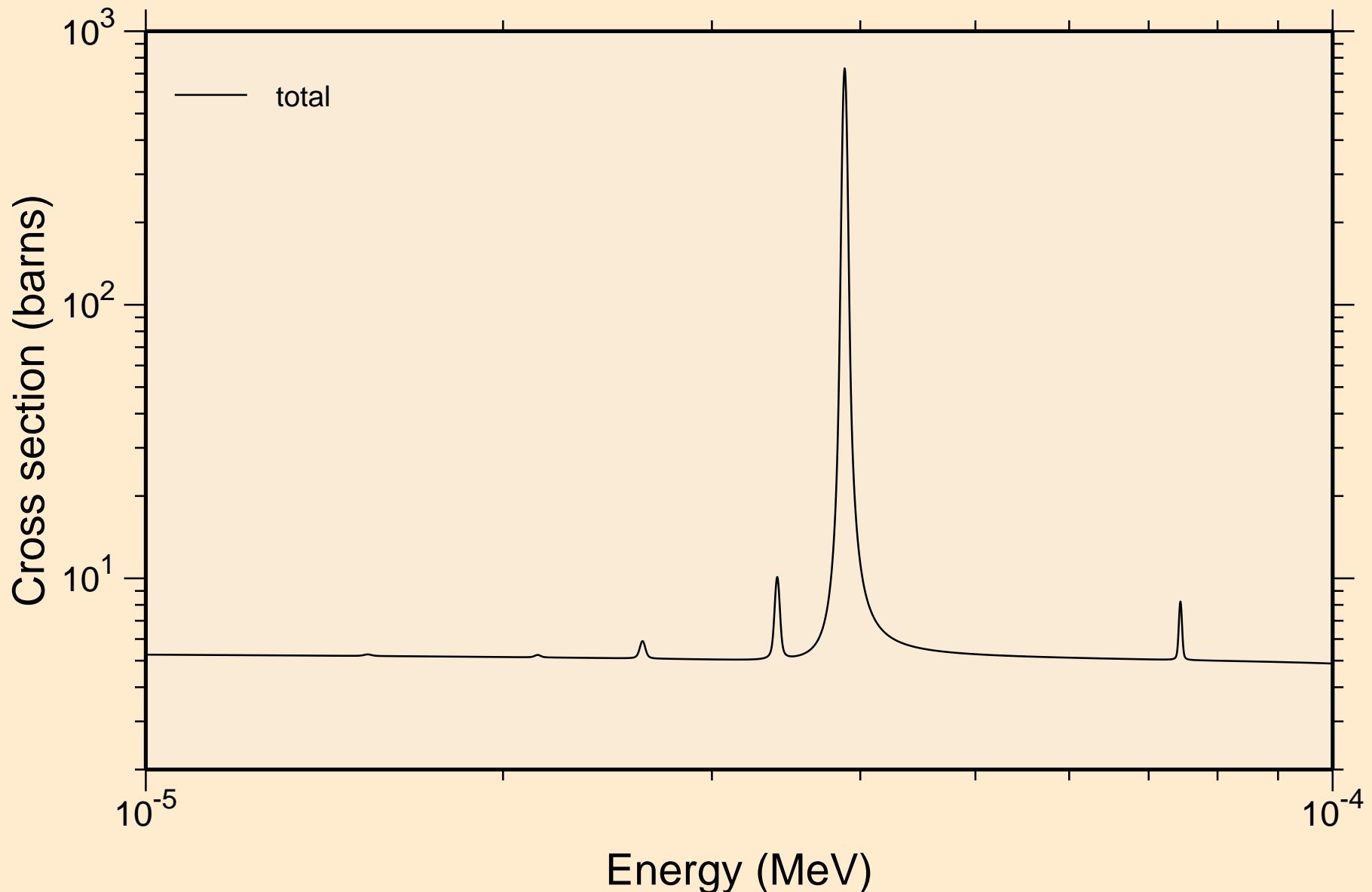
## Principal cross sections



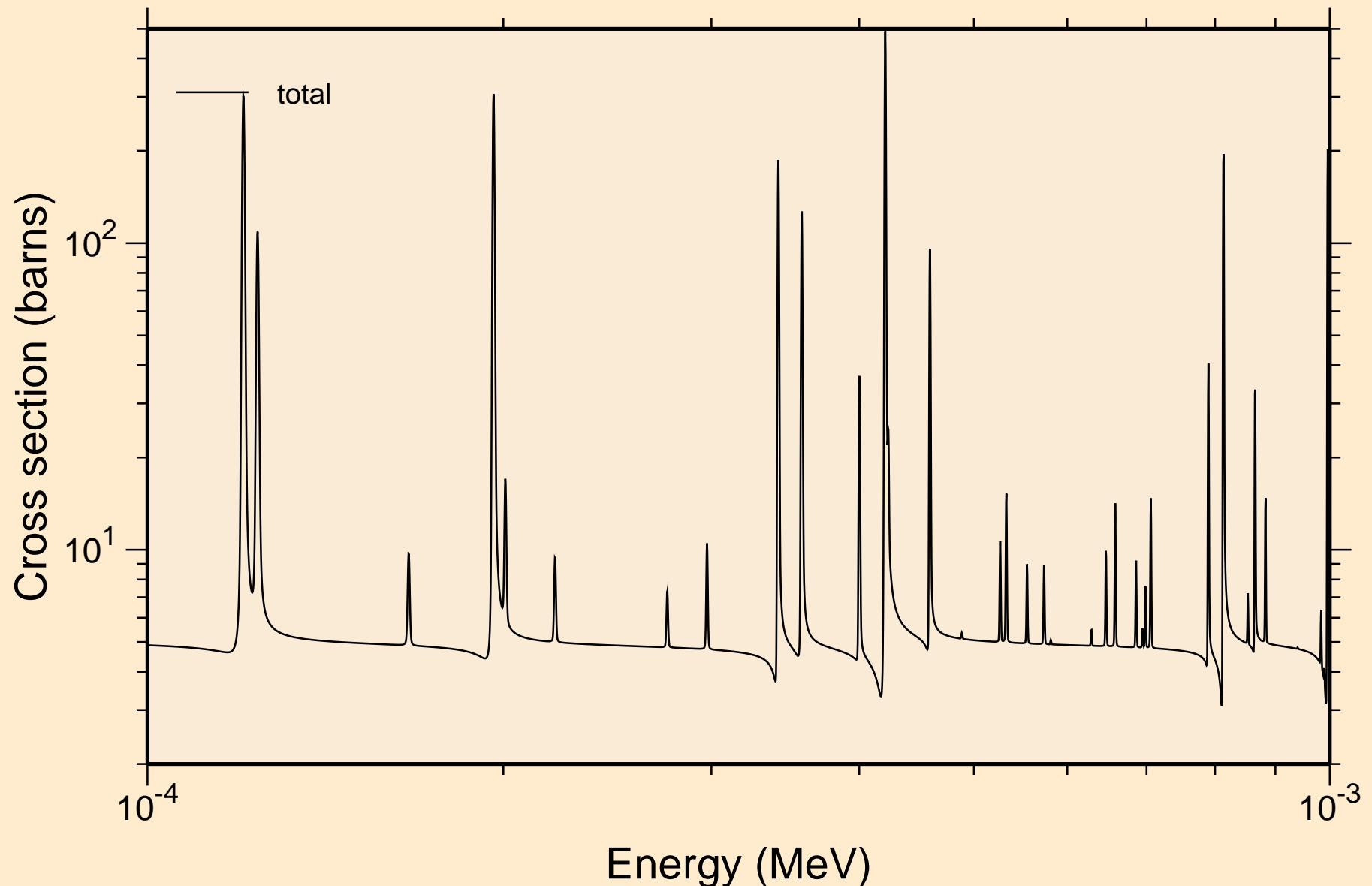
ENDF/B-VII SN-117  
resonance total cross section



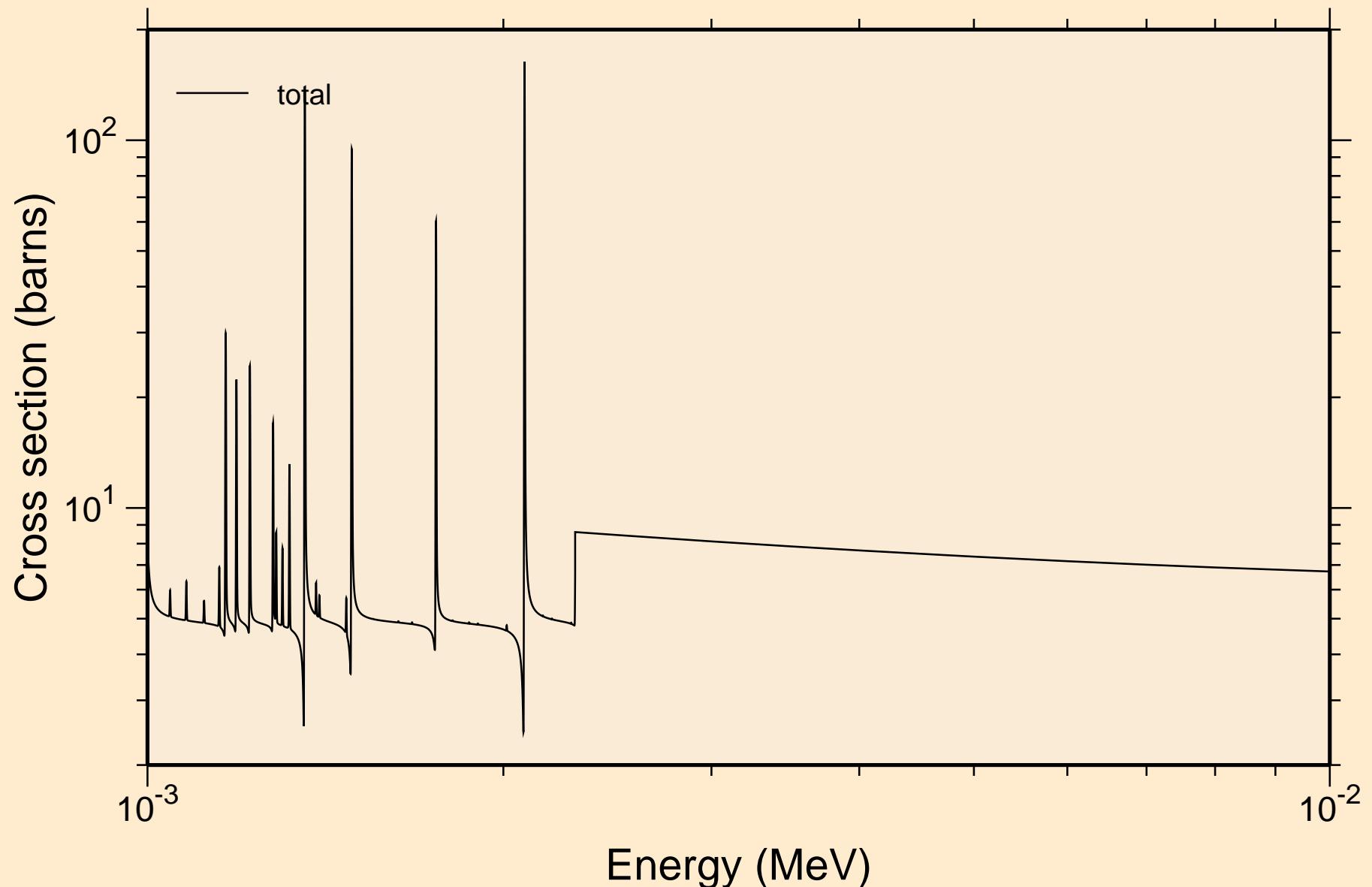
ENDF/B-VII SN-117  
resonance total cross section



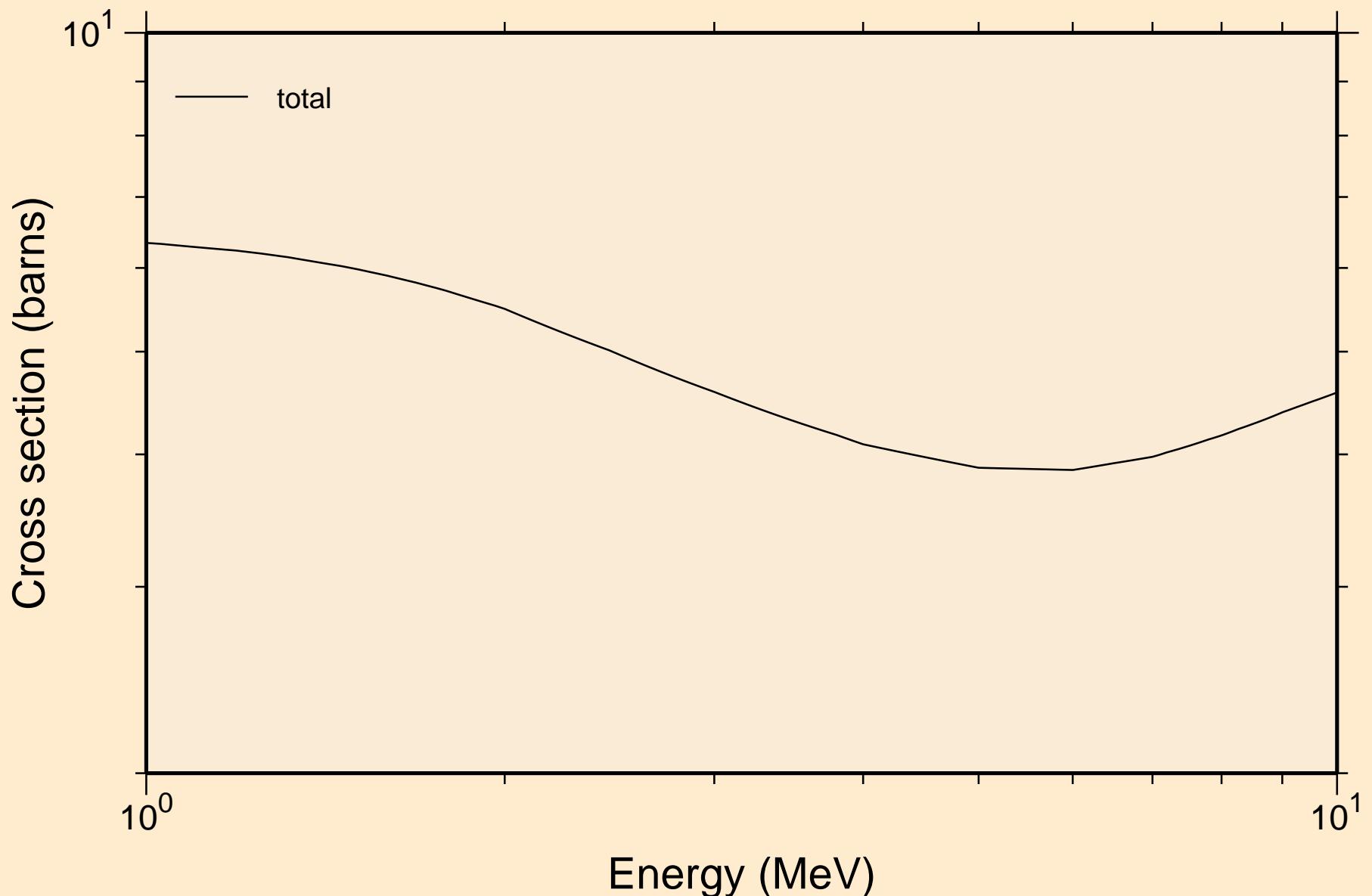
ENDF/B-VII SN-117  
resonance total cross section



ENDF/B-VII SN-117  
resonance total cross section

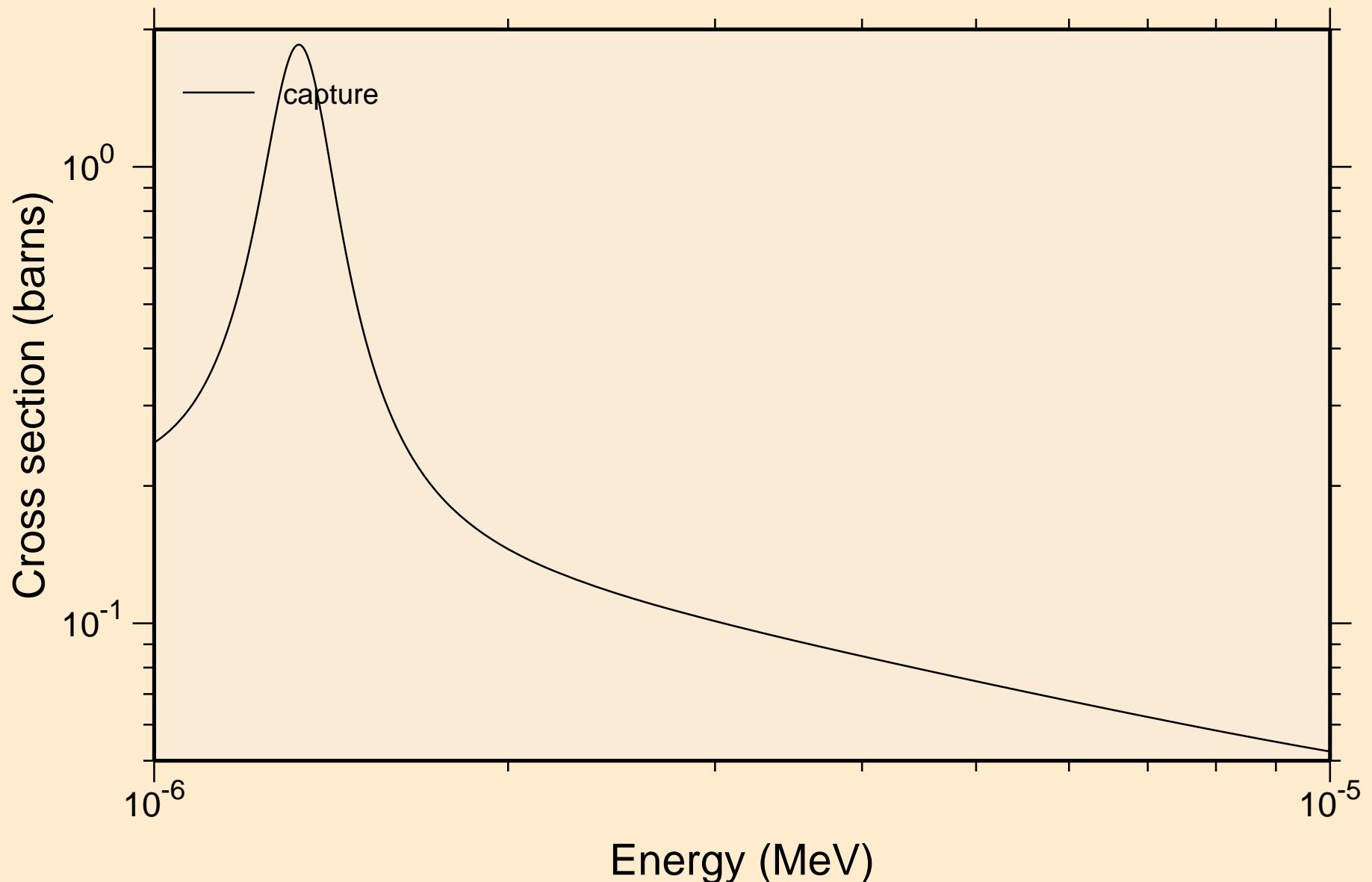


ENDF/B-VII SN-117  
resonance total cross section

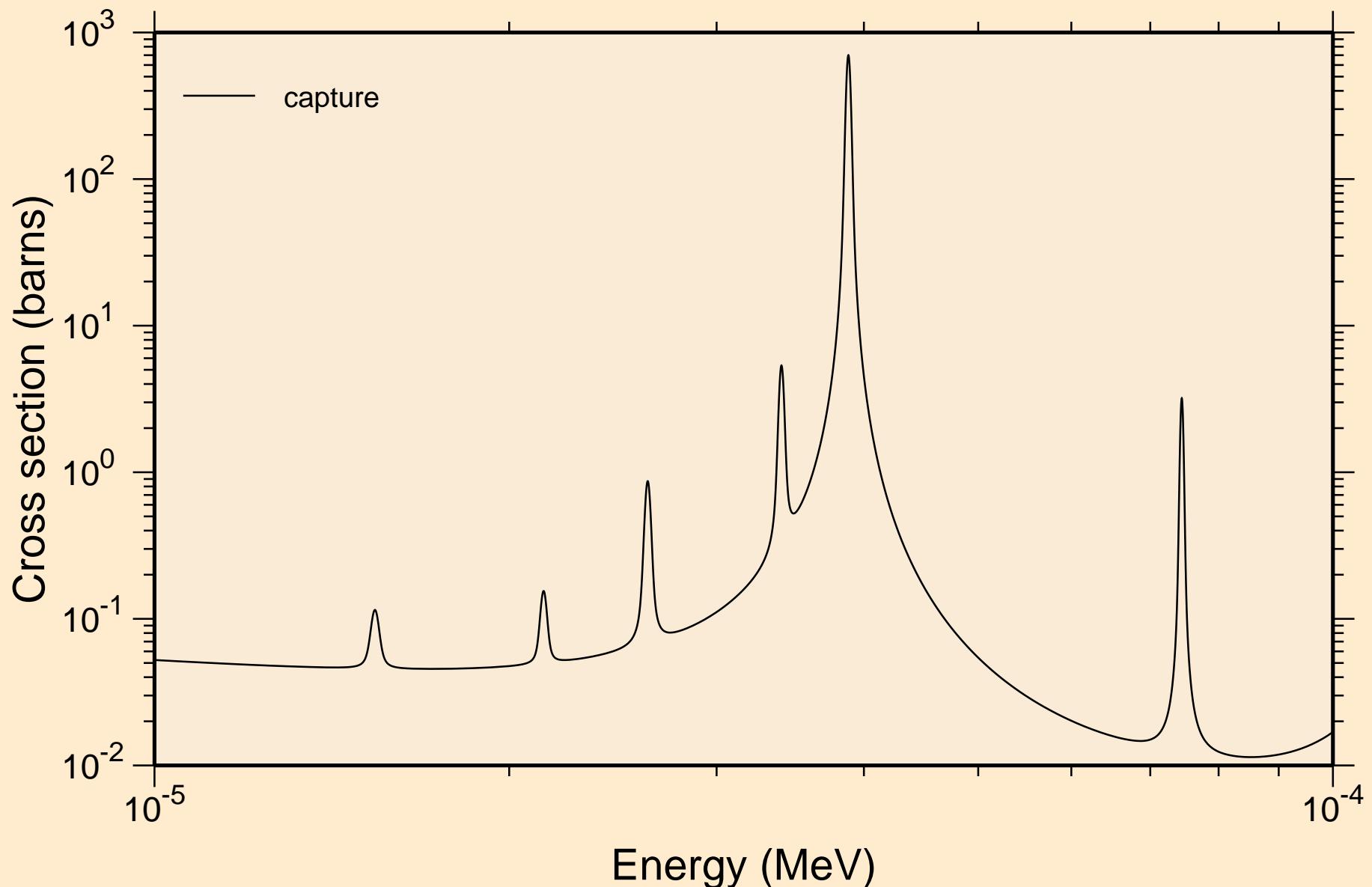


# ENDF/B-VII SN-117

## resonance absorption cross sections

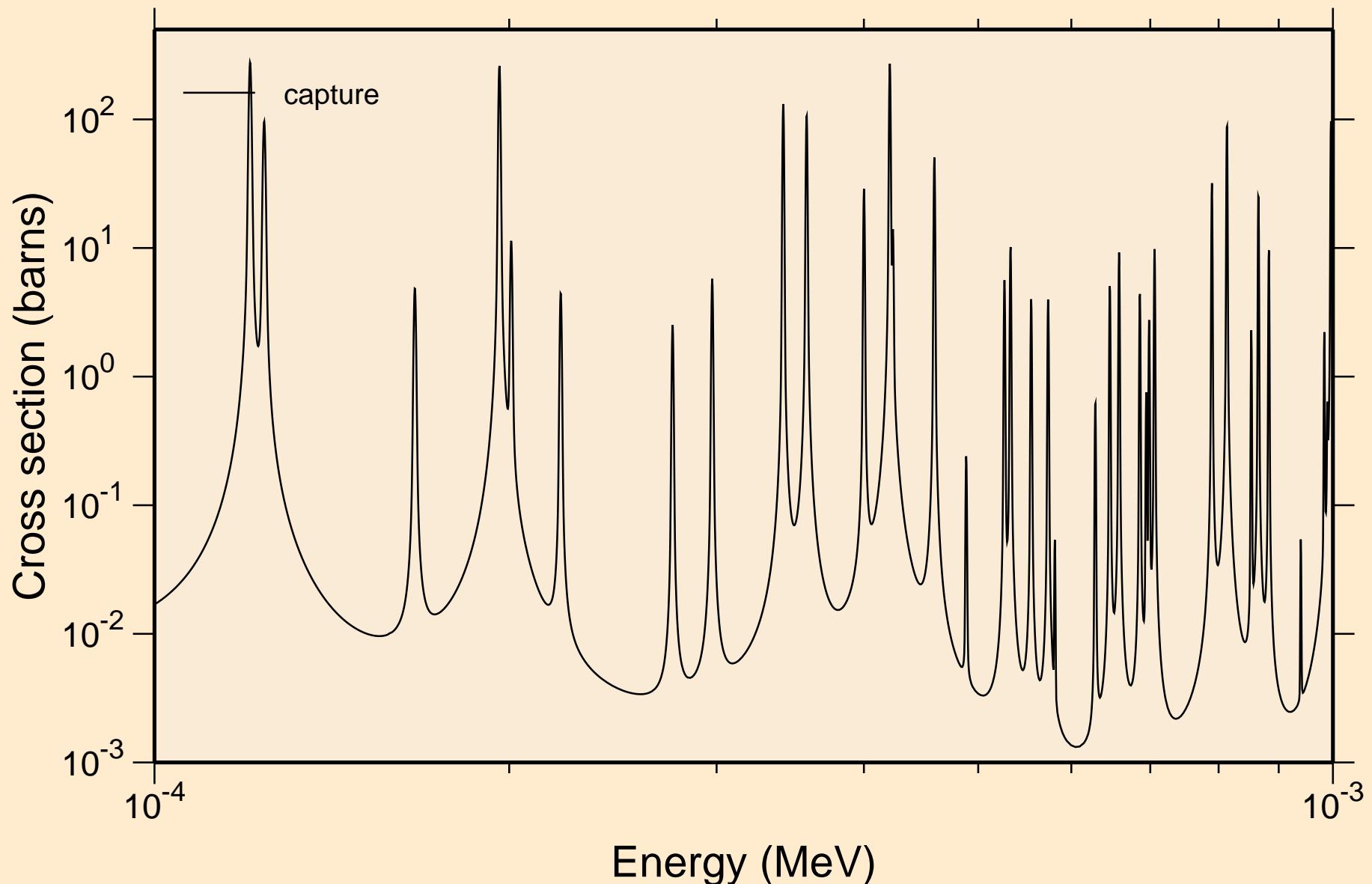


# ENDF/B-VII SN-117 resonance absorption cross sections



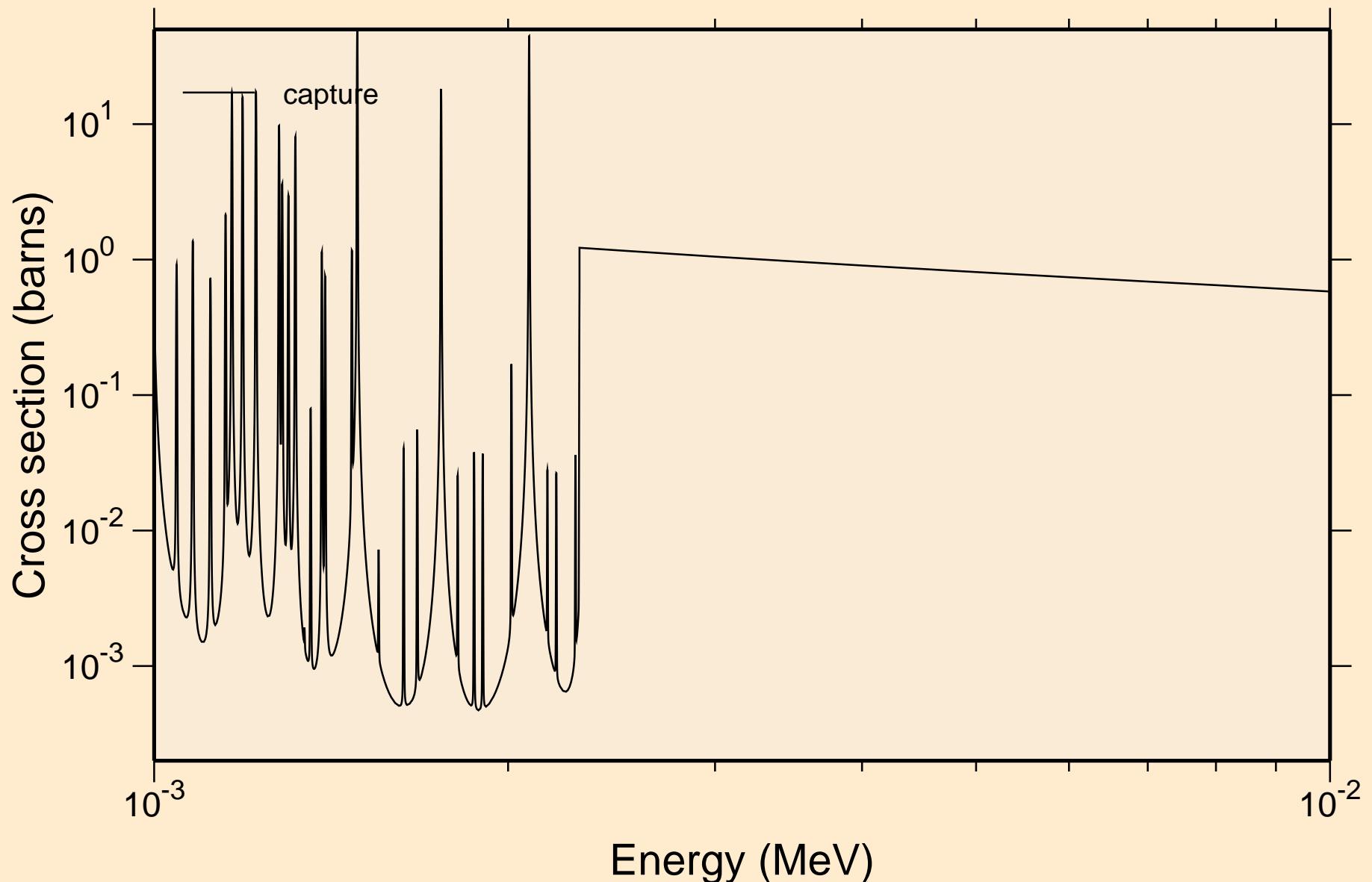
# ENDF/B-VII SN-117

## resonance absorption cross sections



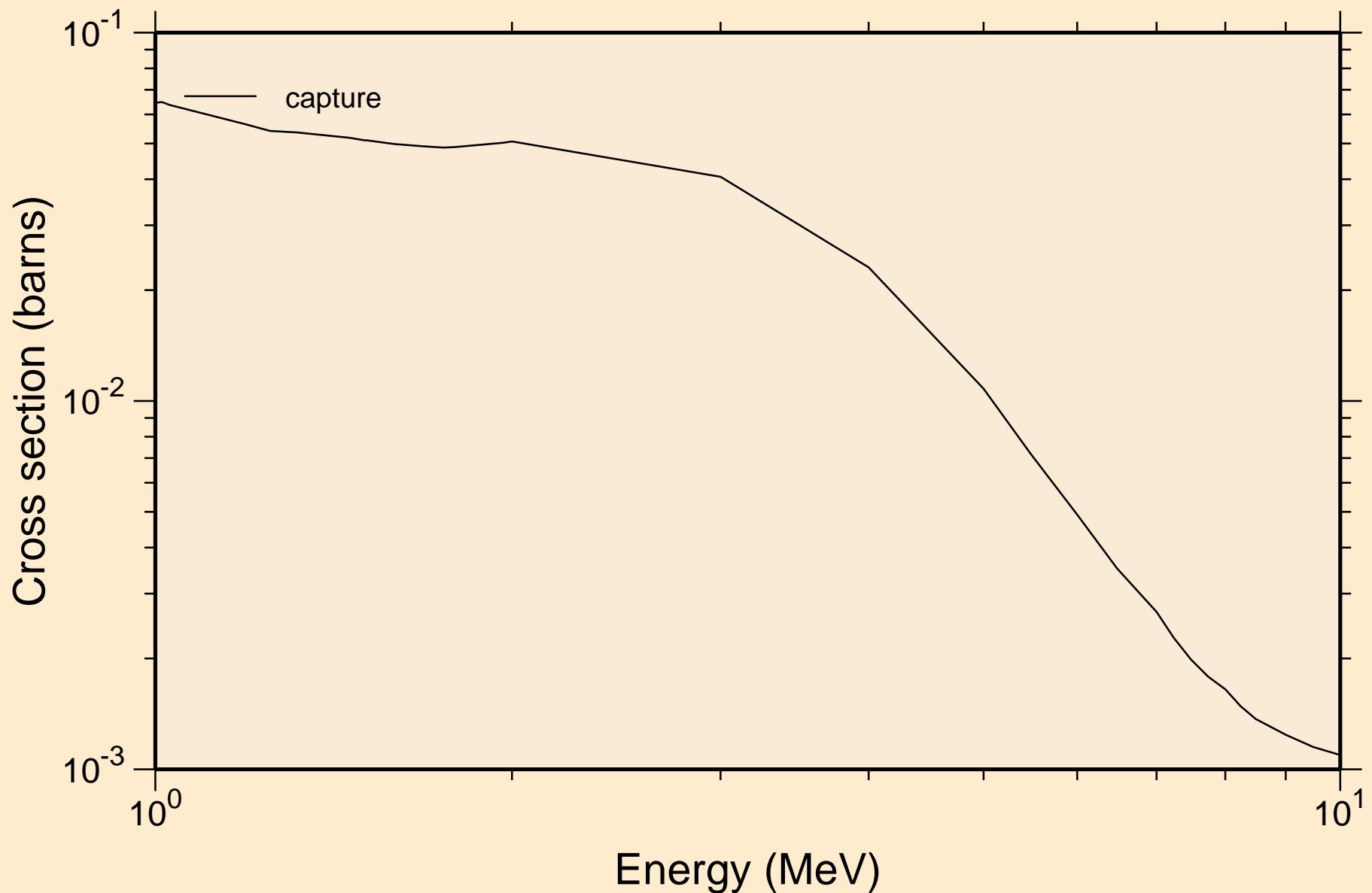
# ENDF/B-VII SN-117

## resonance absorption cross sections



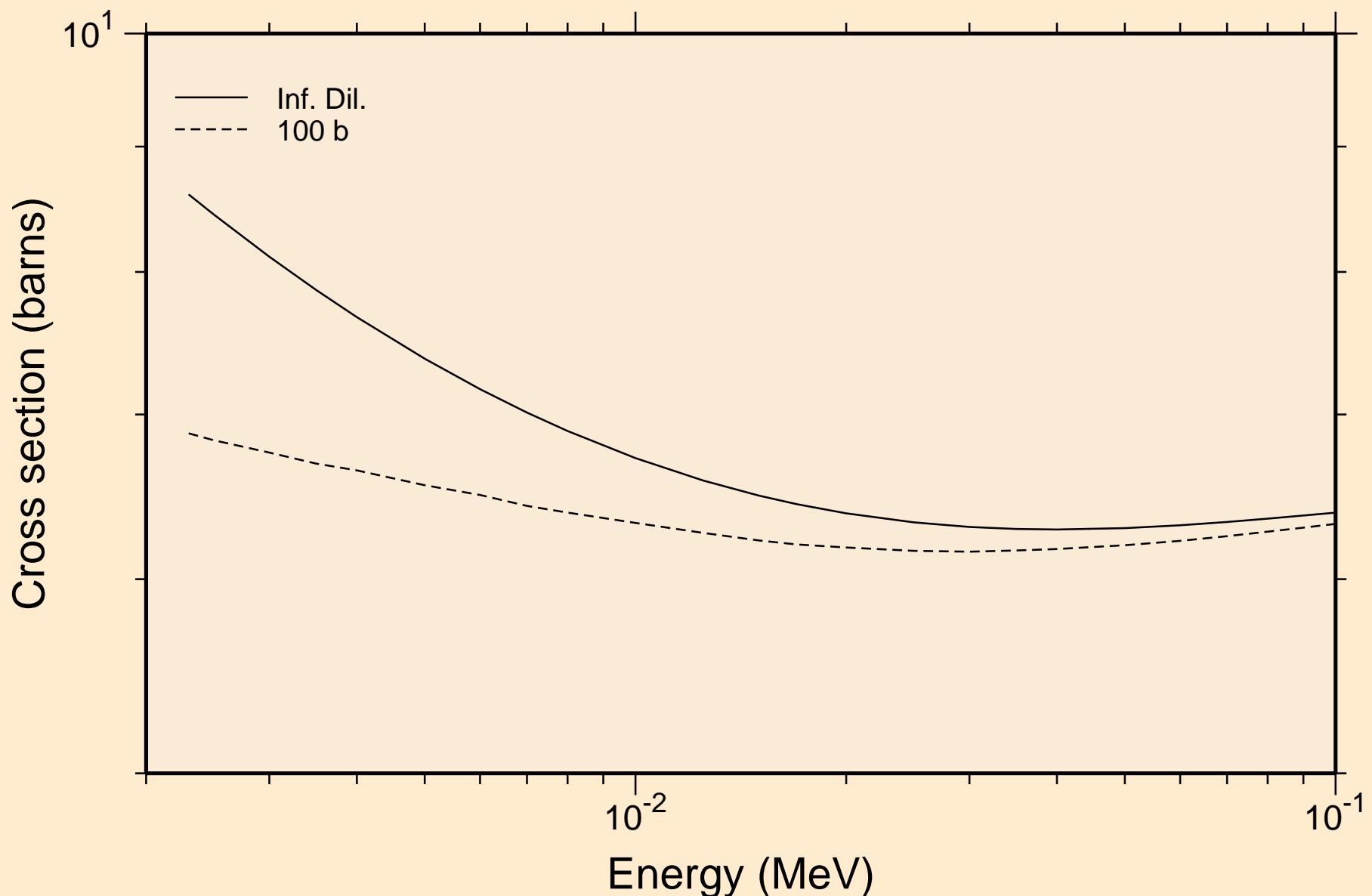
# ENDF/B-VII SN-117

## resonance absorption cross sections



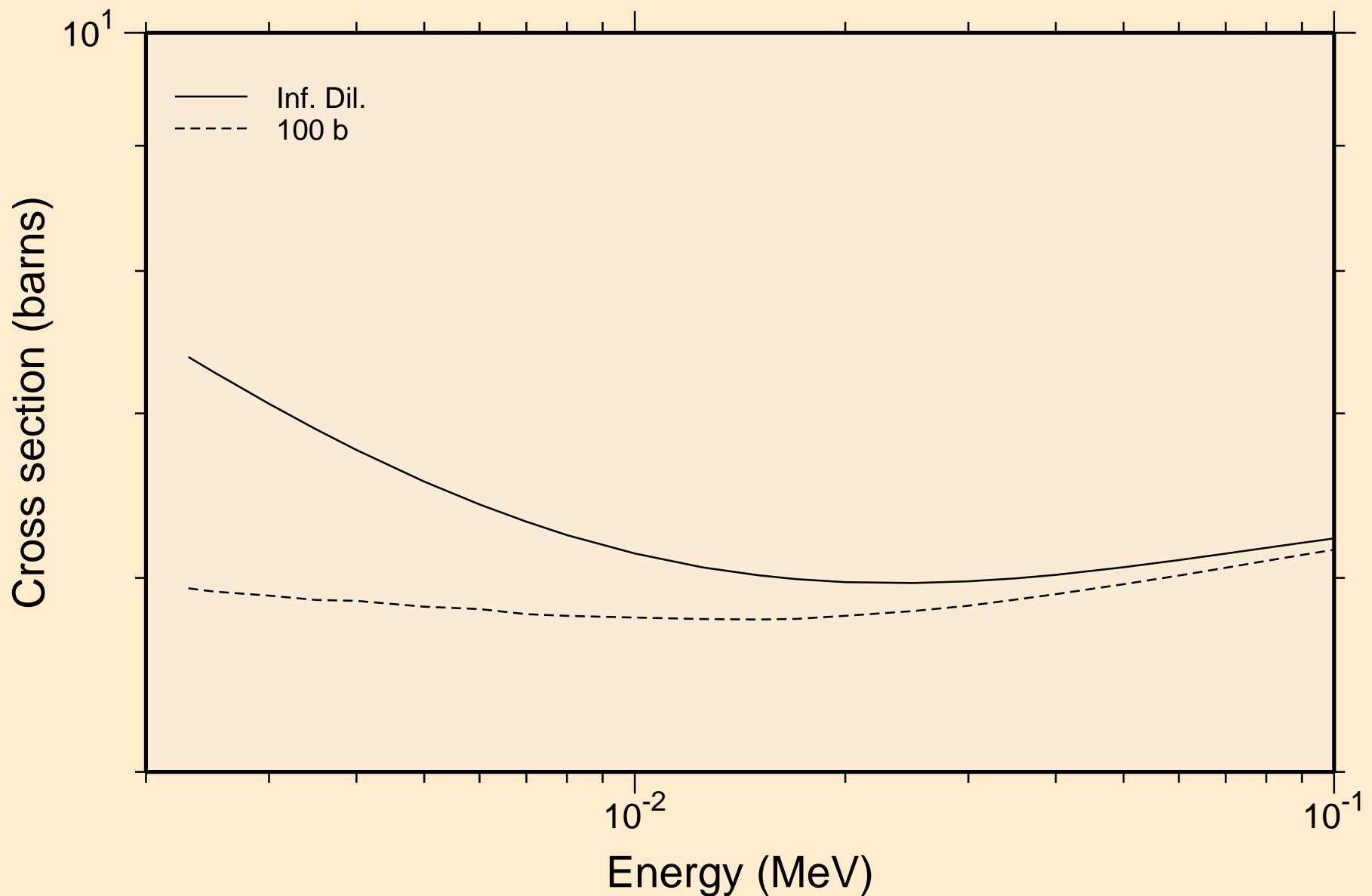
# ENDF/B-VII SN-117

## UR total cross section



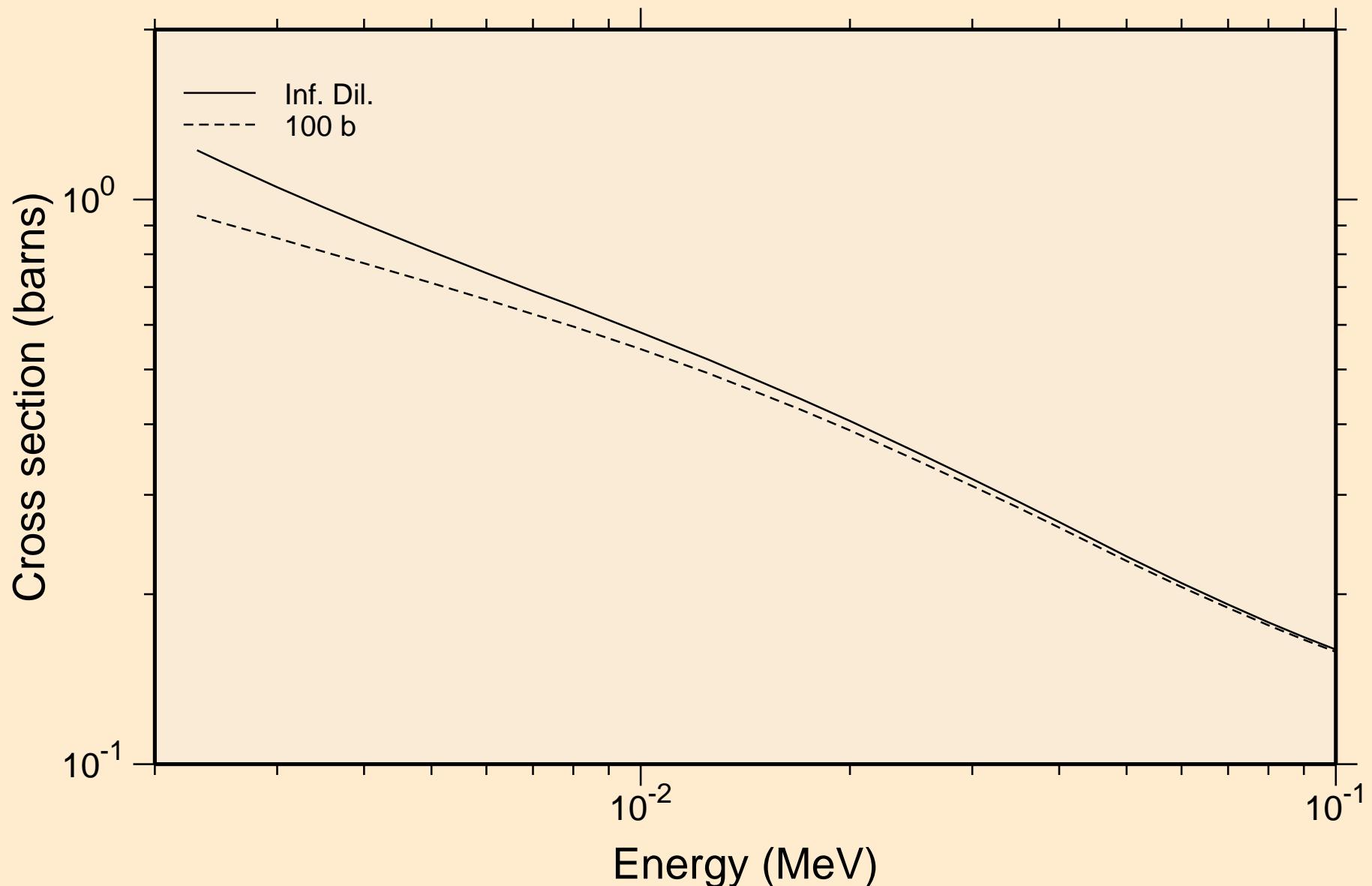
# ENDF/B-VII SN-117

## UR elastic cross section



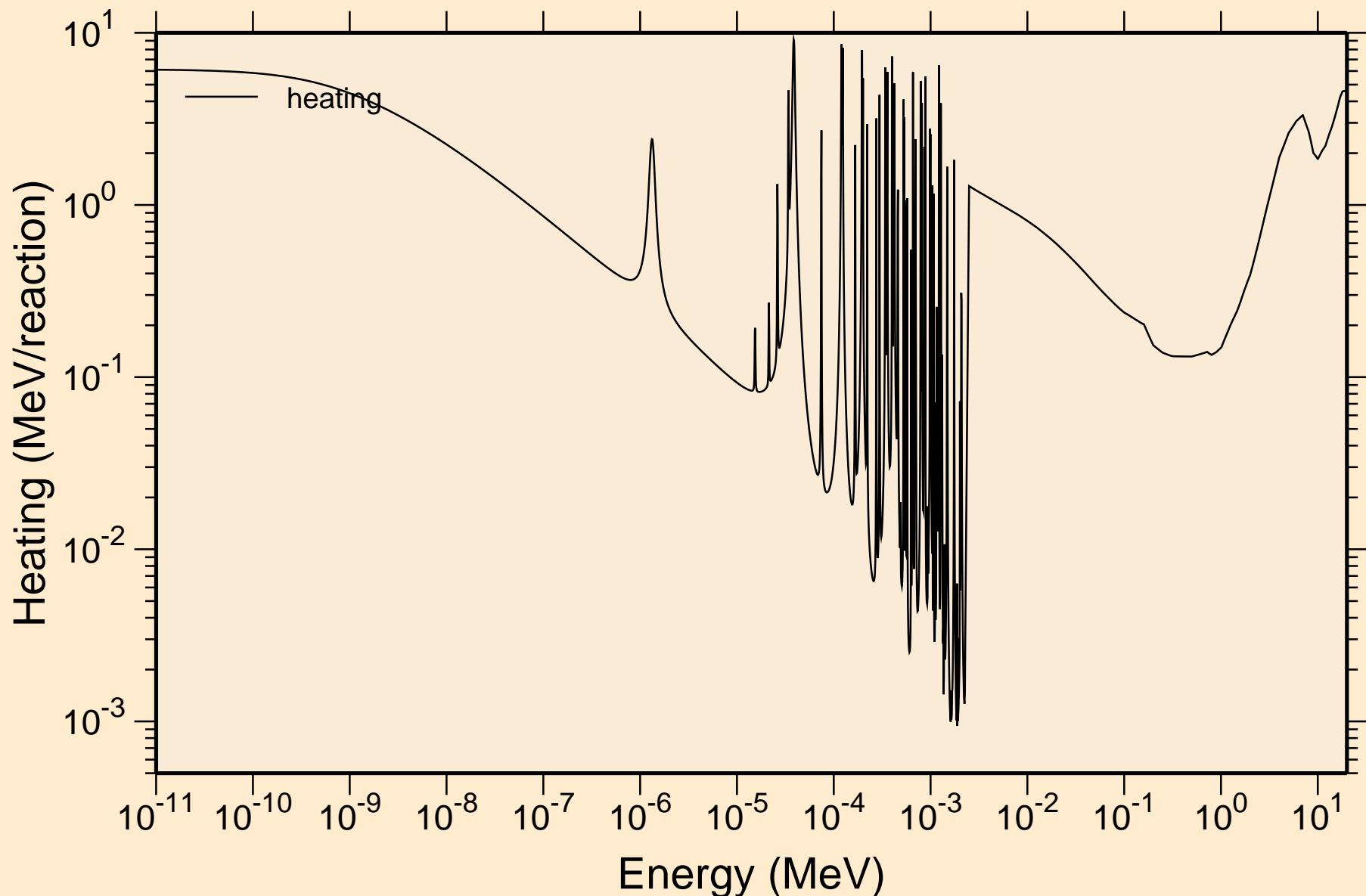
# ENDF/B-VII SN-117

## UR capture cross section



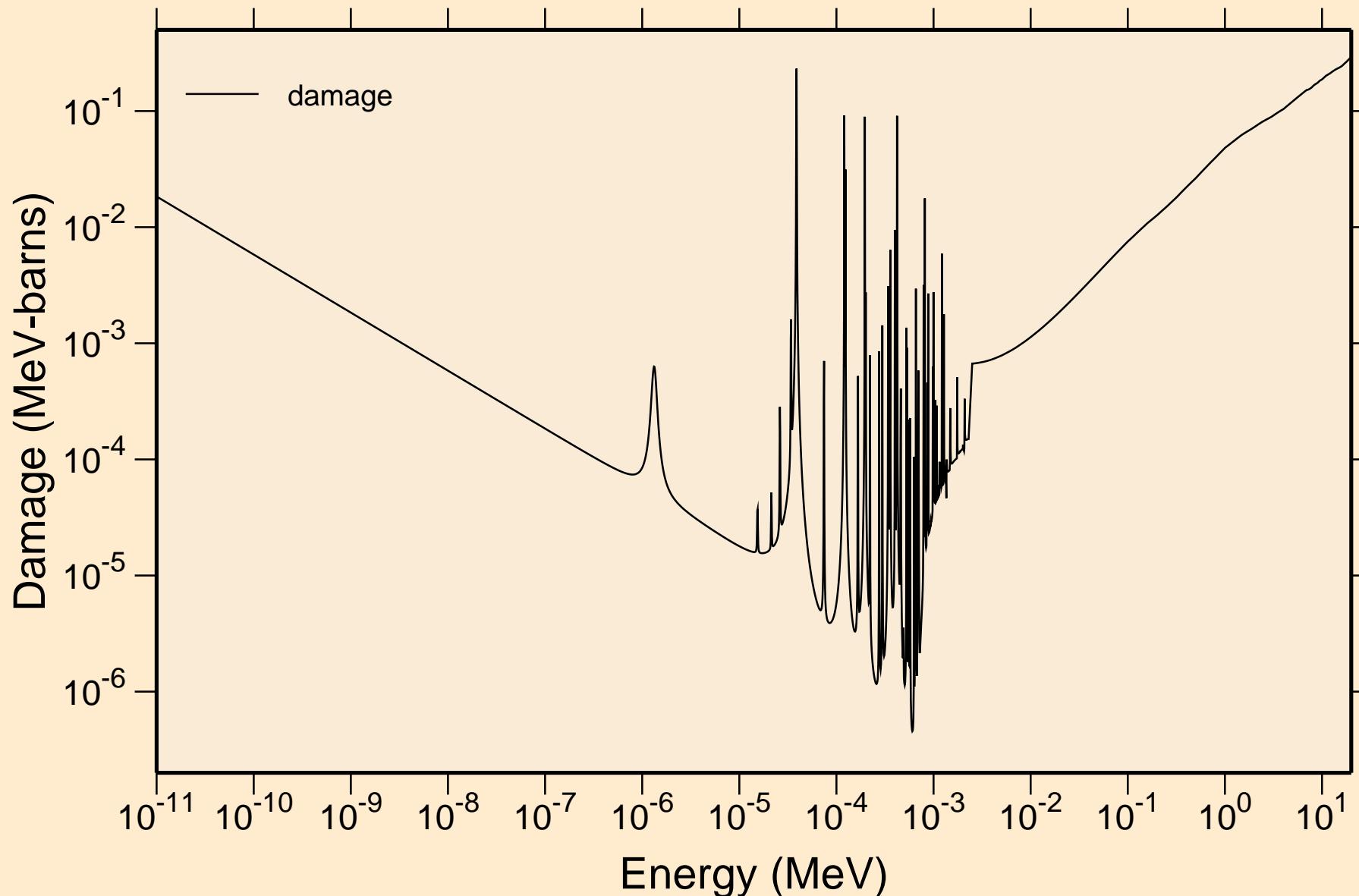
# ENDF/B-VII SN-117

## Heating

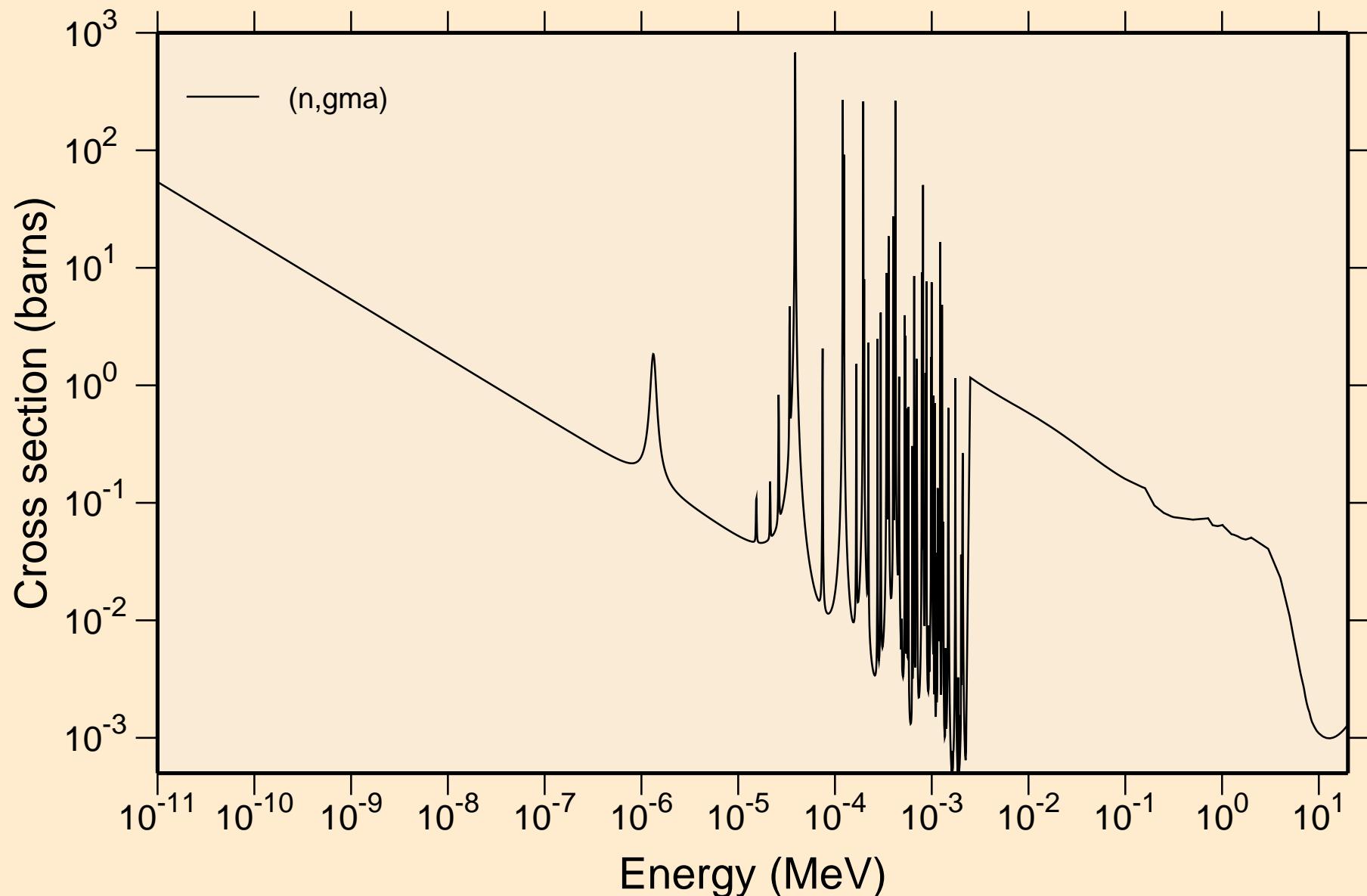


# ENDF/B-VII SN-117

## Damage

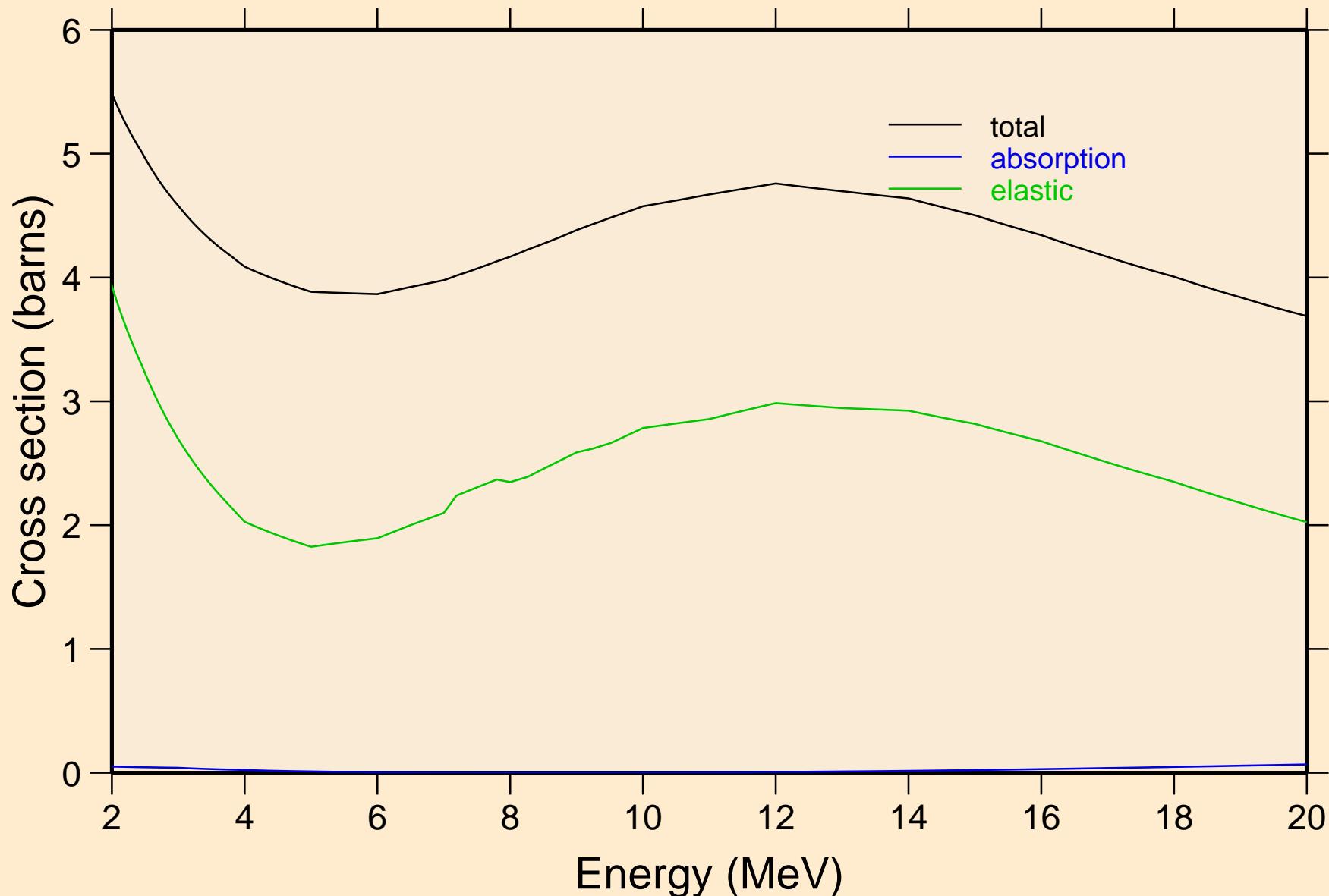


ENDF/B-VII SN-117  
Non-threshold reactions

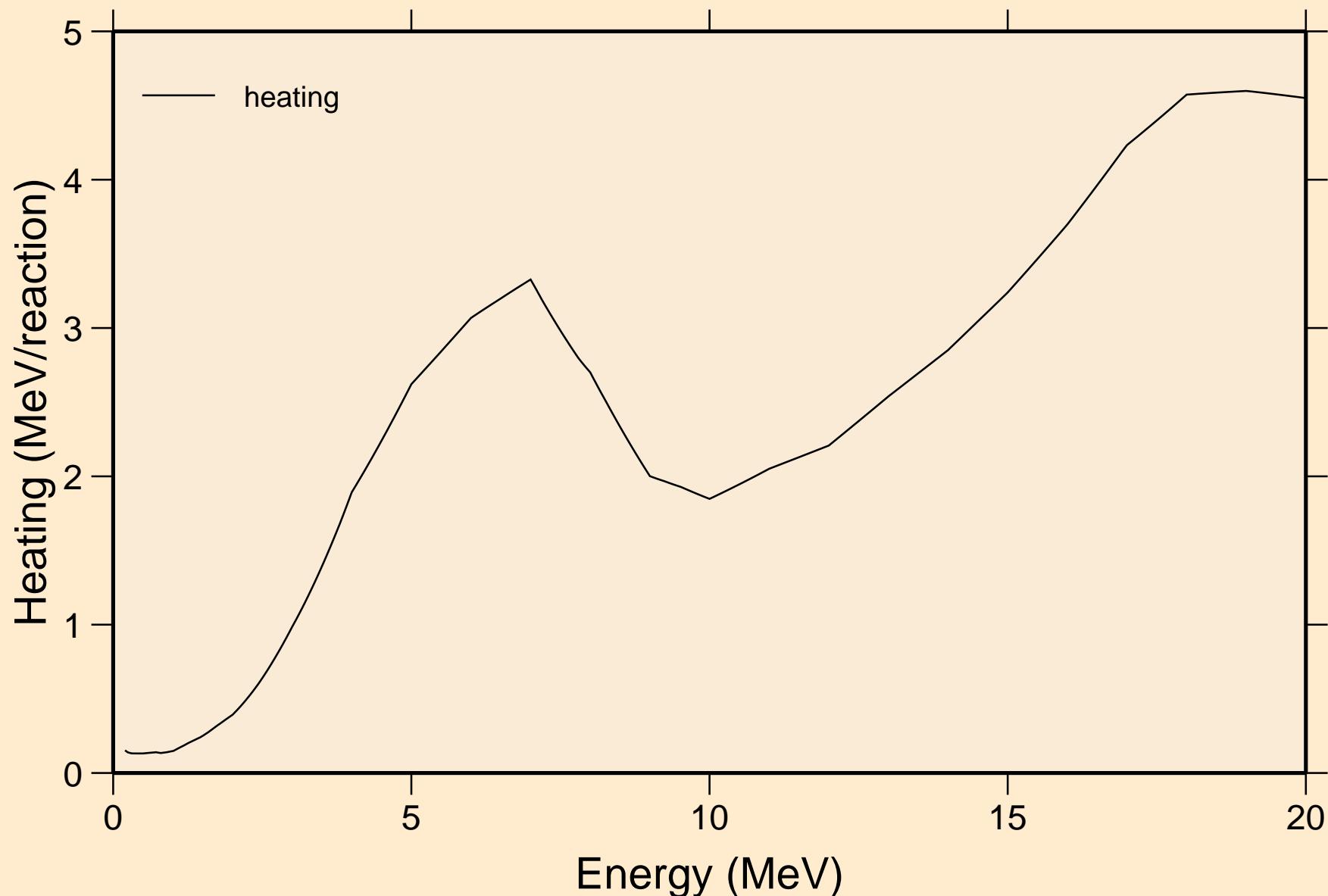


# ENDF/B-VII SN-117

## Principal cross sections

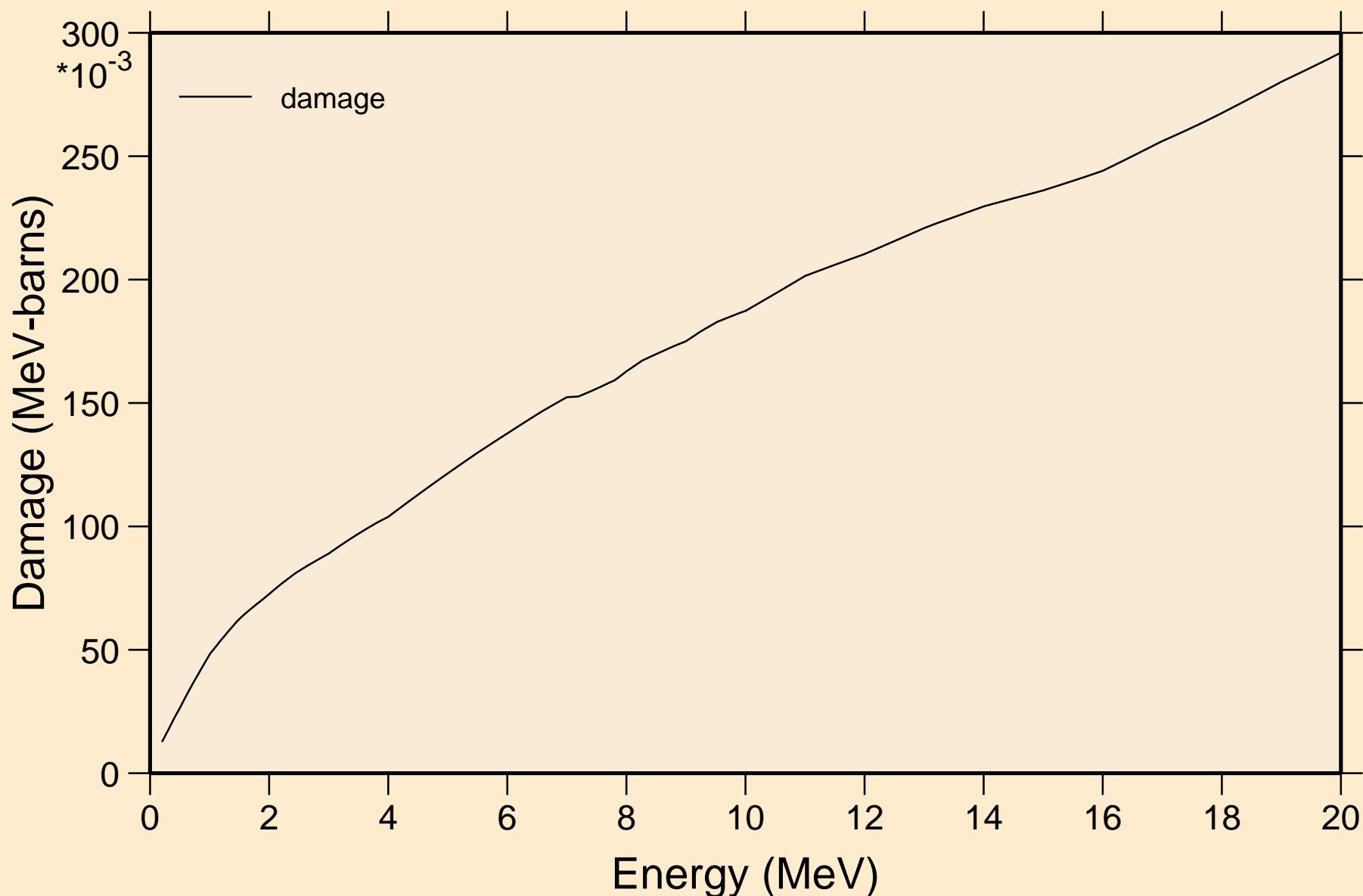


ENDF/B-VII SN-117  
Heating



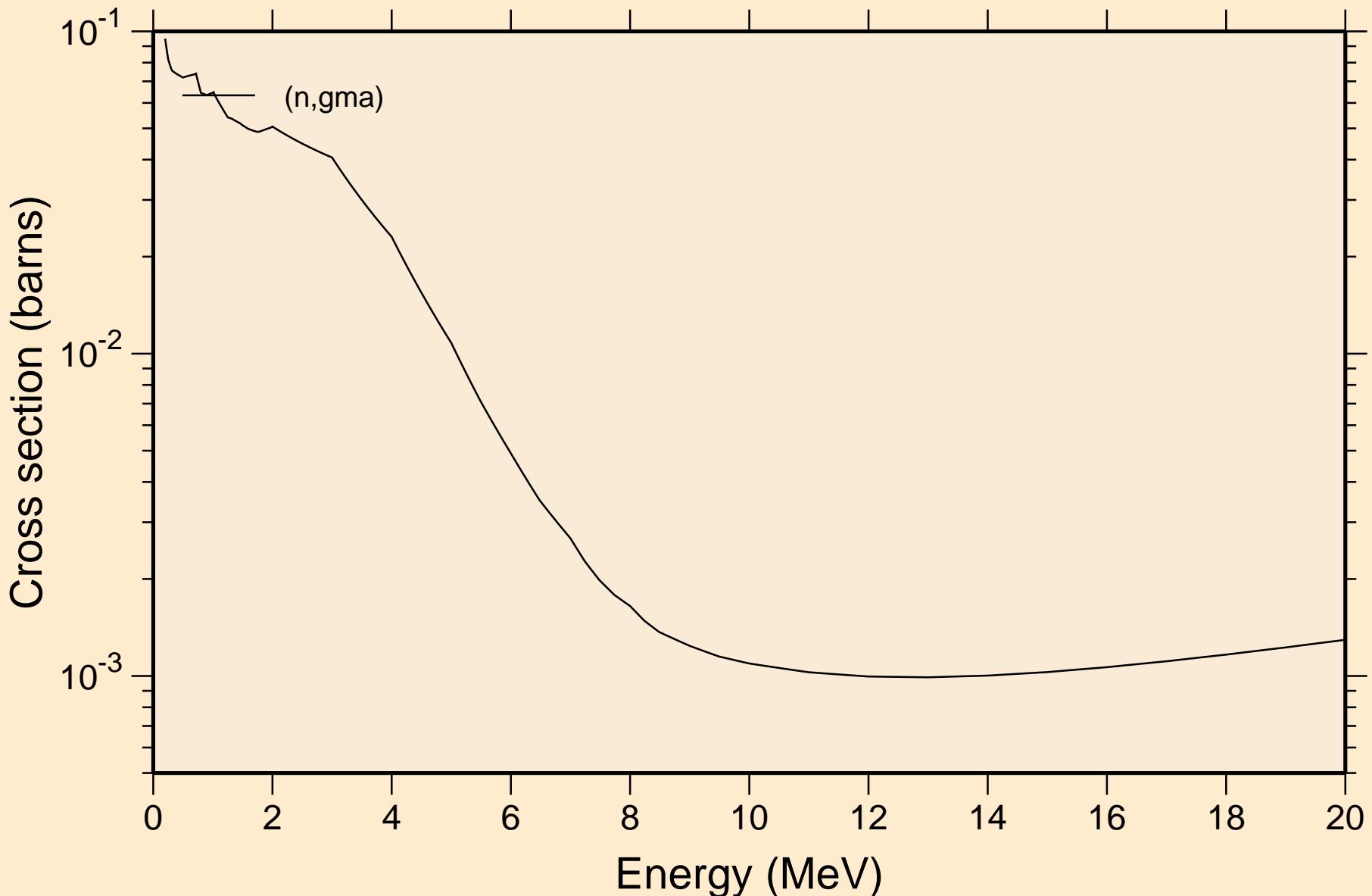
# ENDF/B-VII SN-117

## Damage



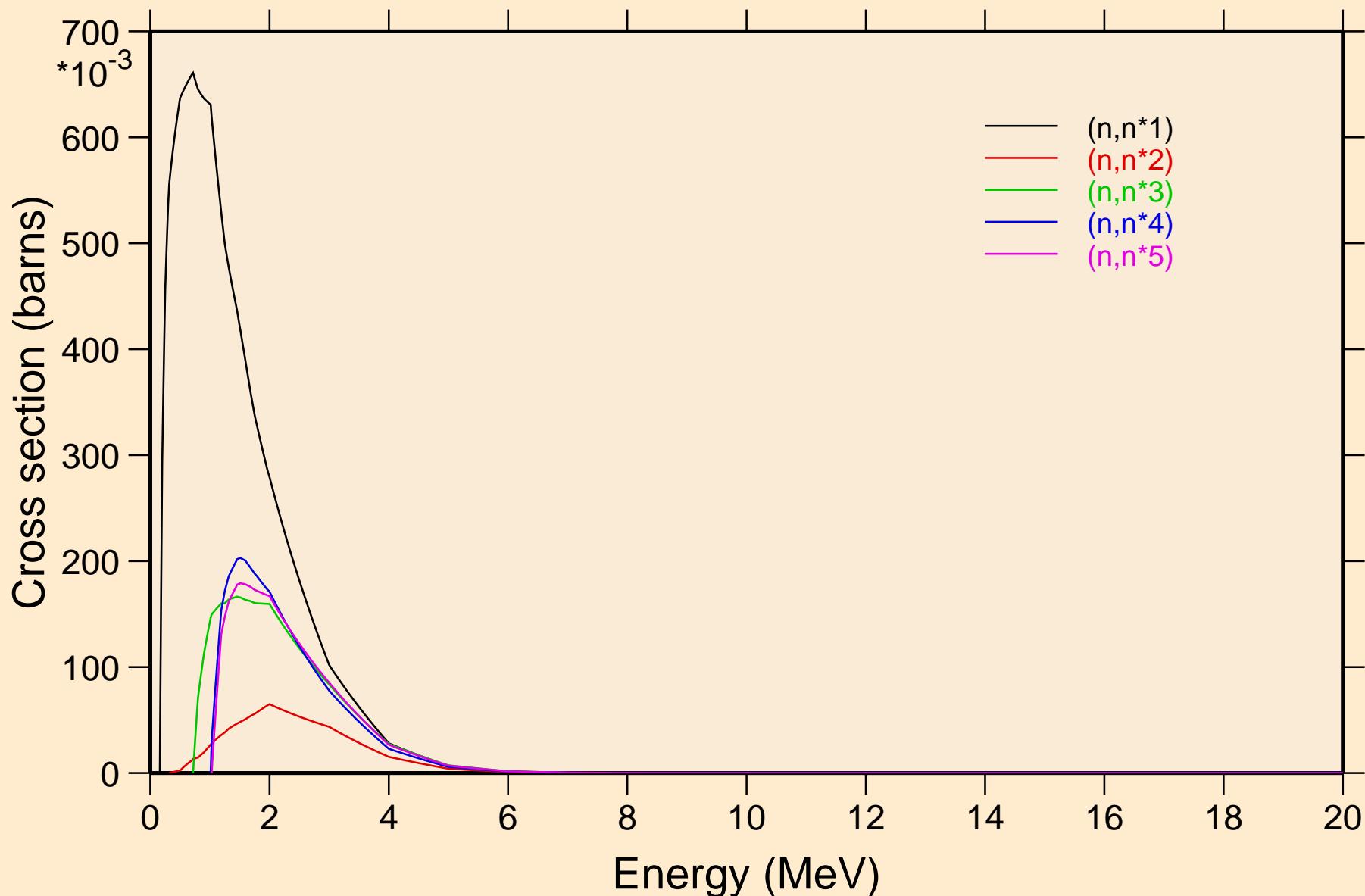
# ENDF/B-VII SN-117

## Non-threshold reactions



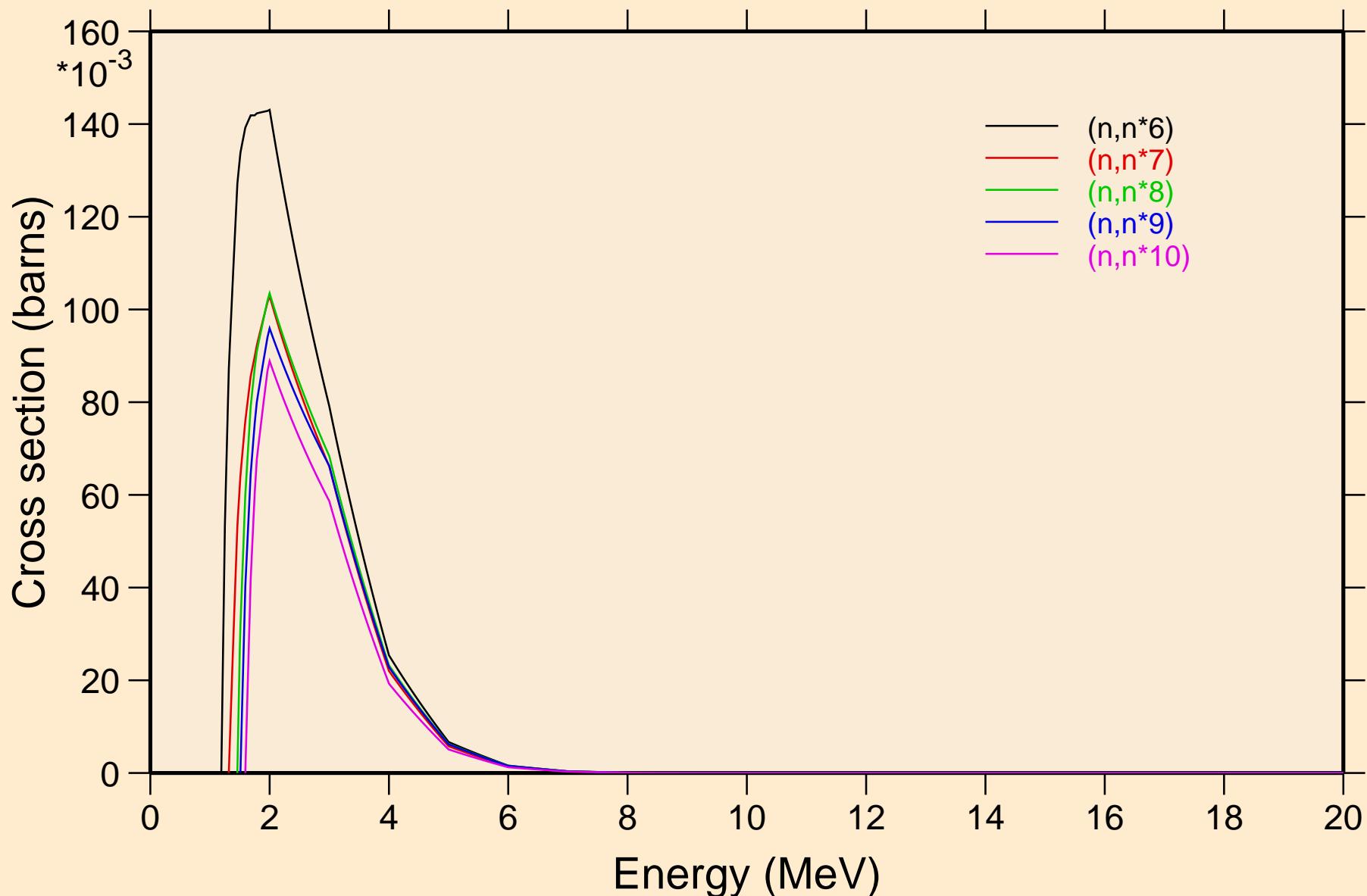
# ENDF/B-VII SN-117

## Inelastic levels

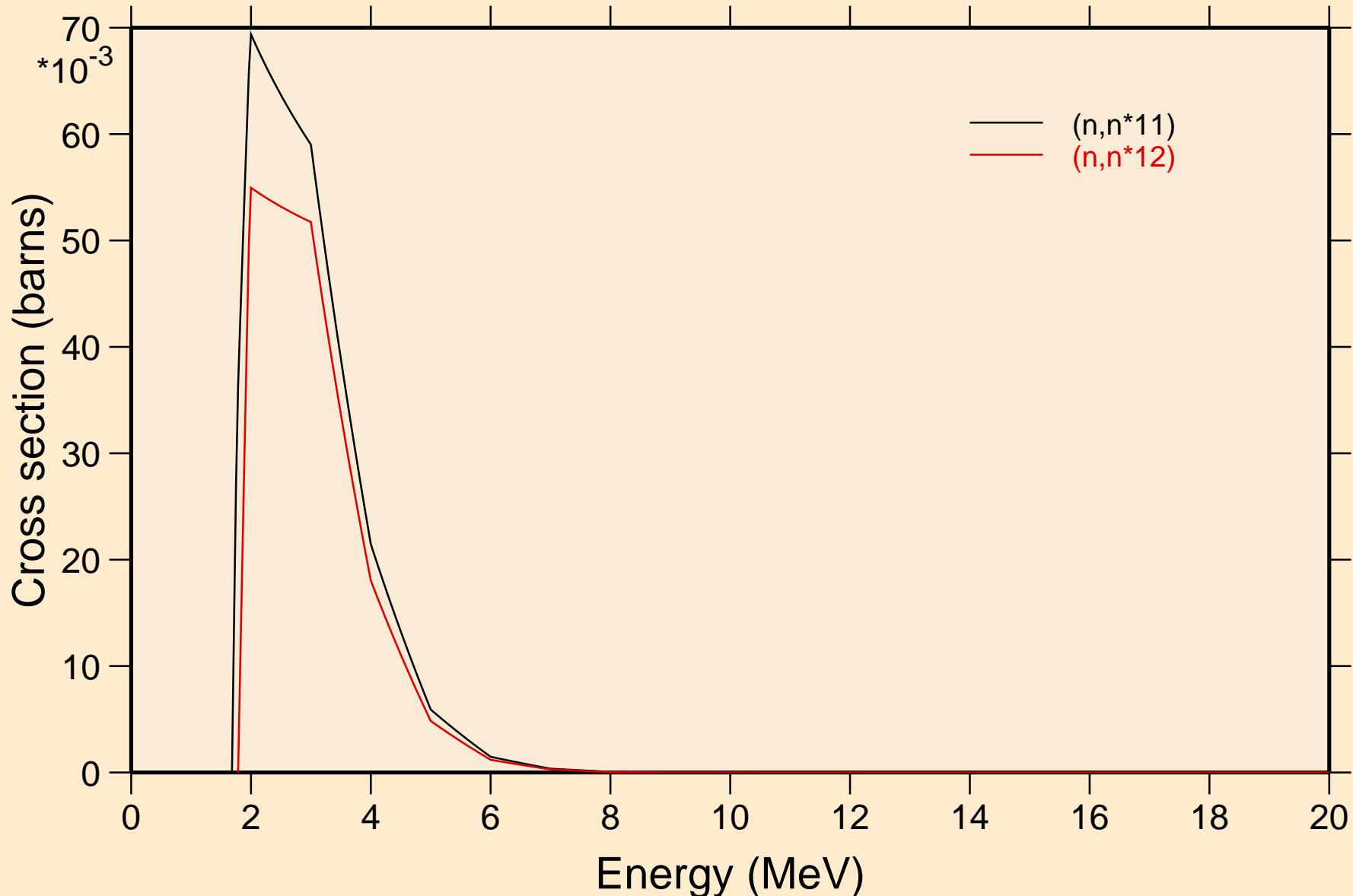


# ENDF/B-VII SN-117

## Inelastic levels

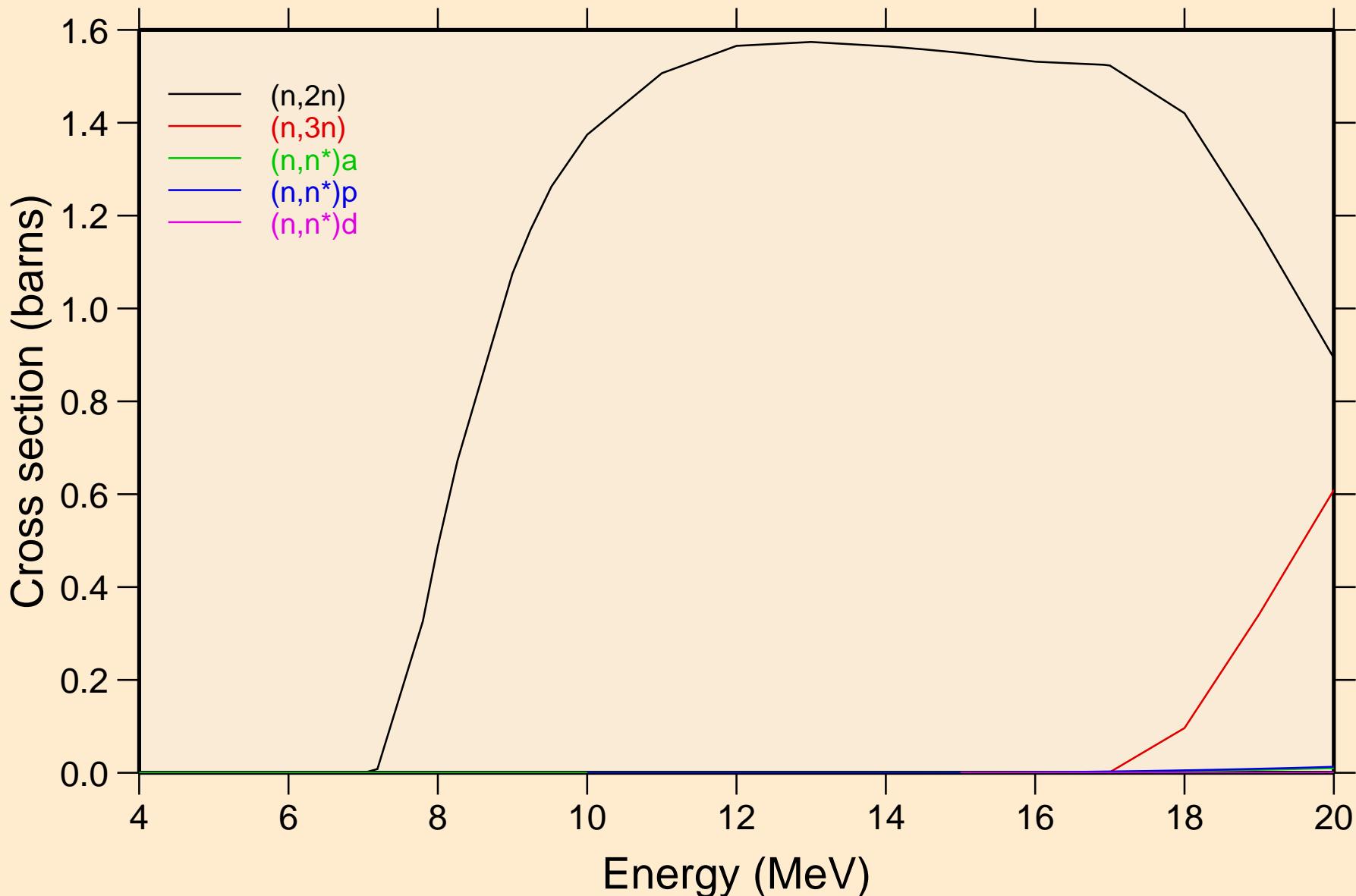


ENDF/B-VII SN-117  
Inelastic levels



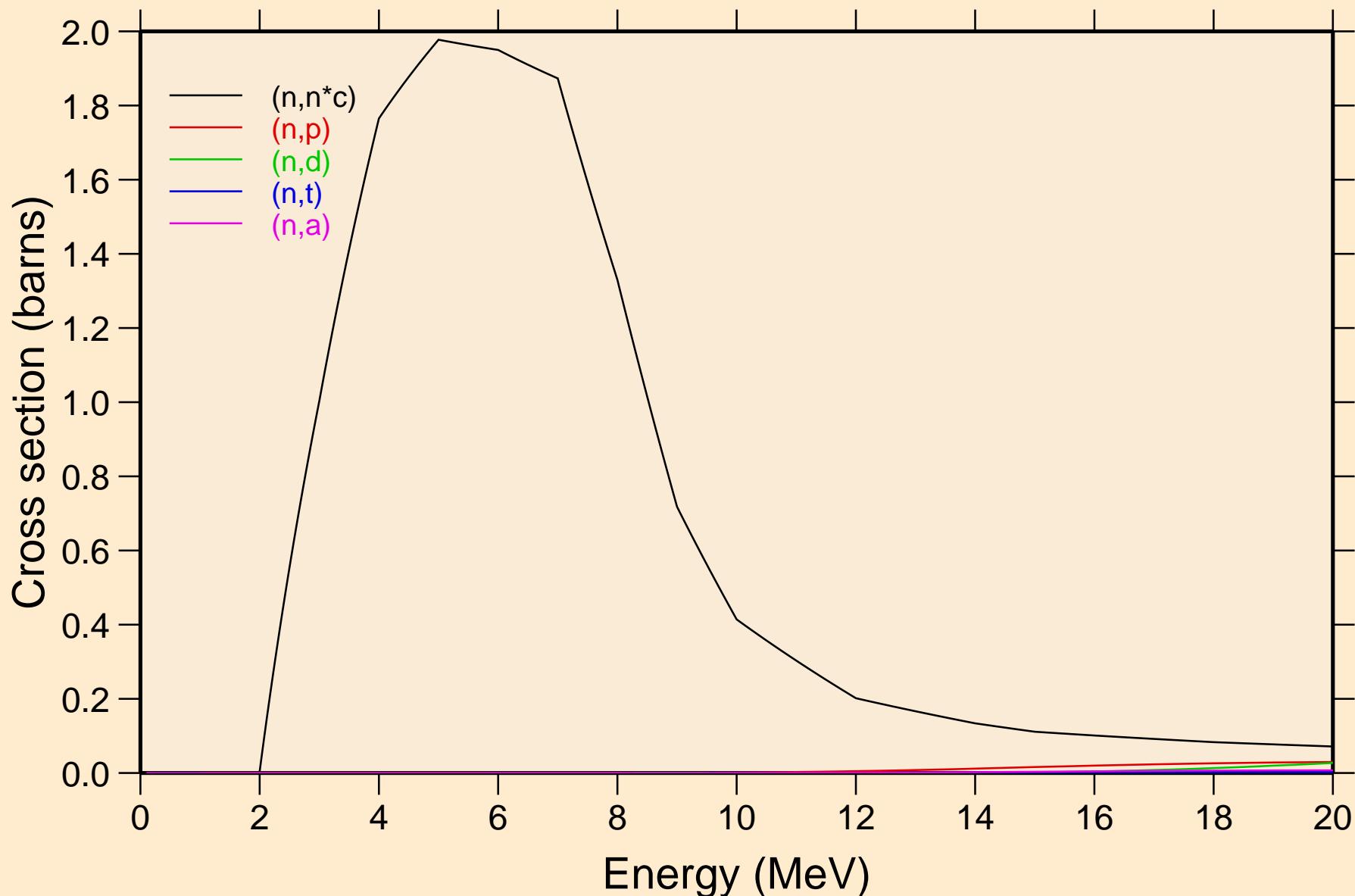
# ENDF/B-VII SN-117

## Threshold reactions



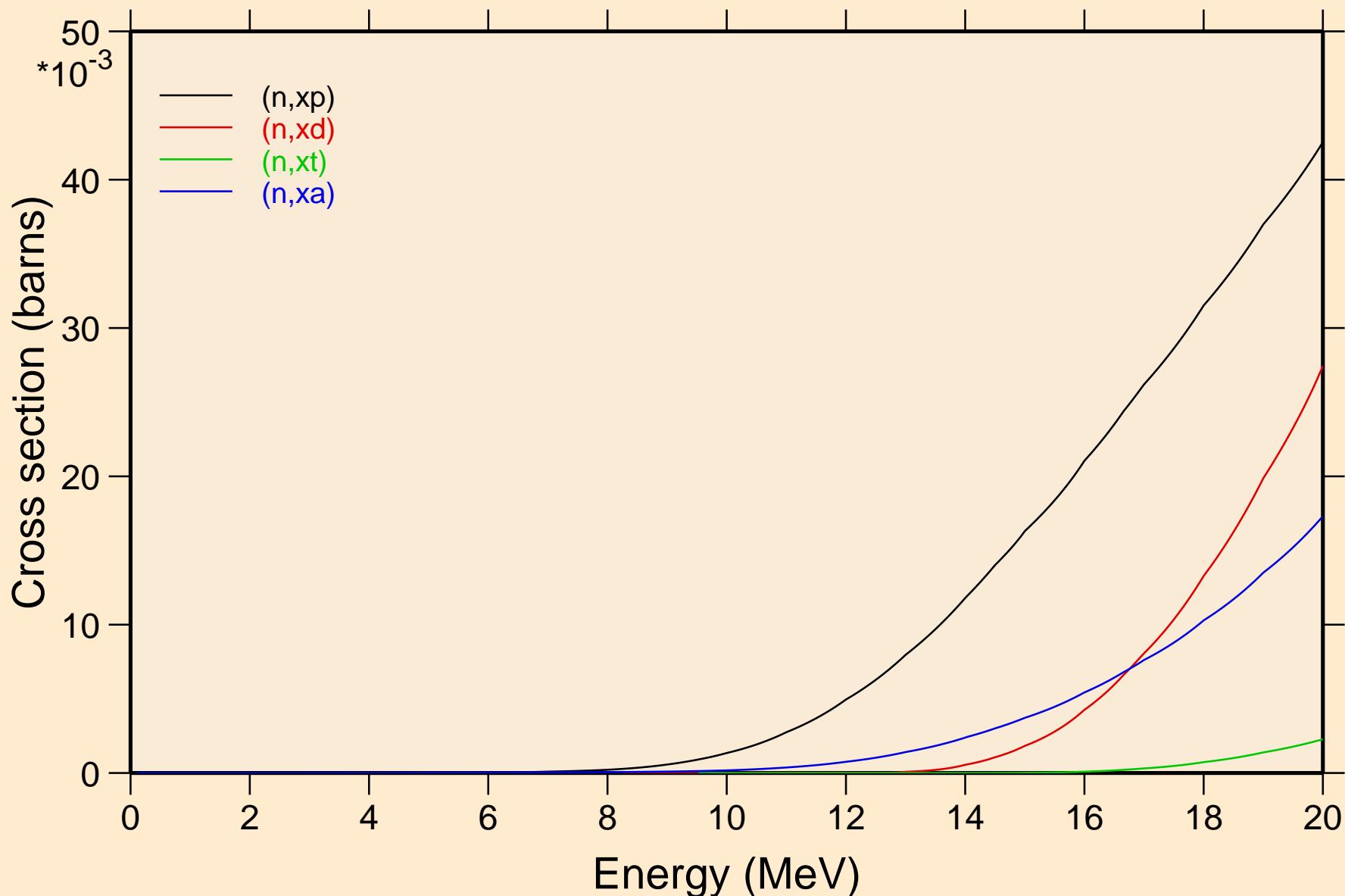
# ENDF/B-VII SN-117

## Threshold reactions

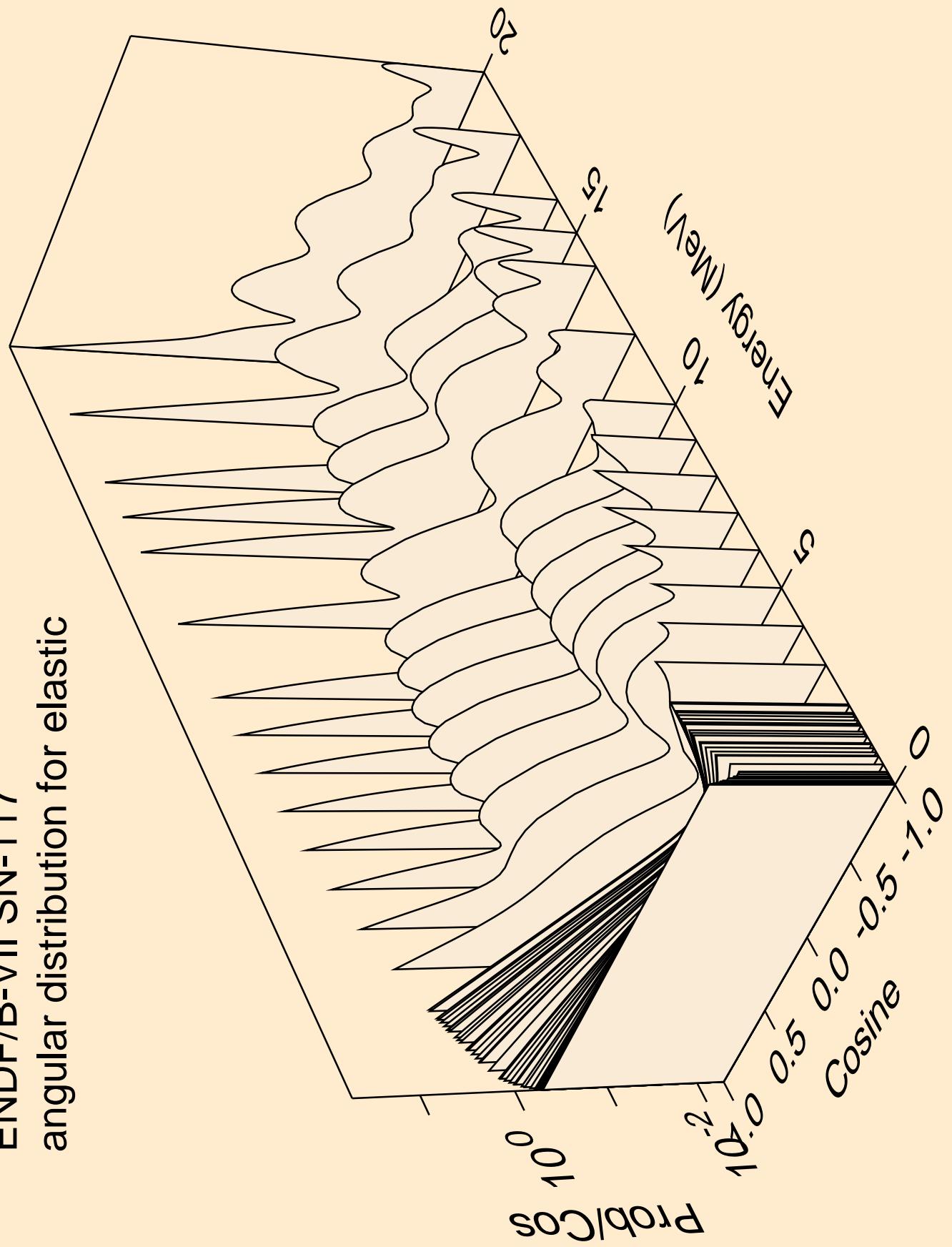


# ENDF/B-VII SN-117

## Threshold reactions

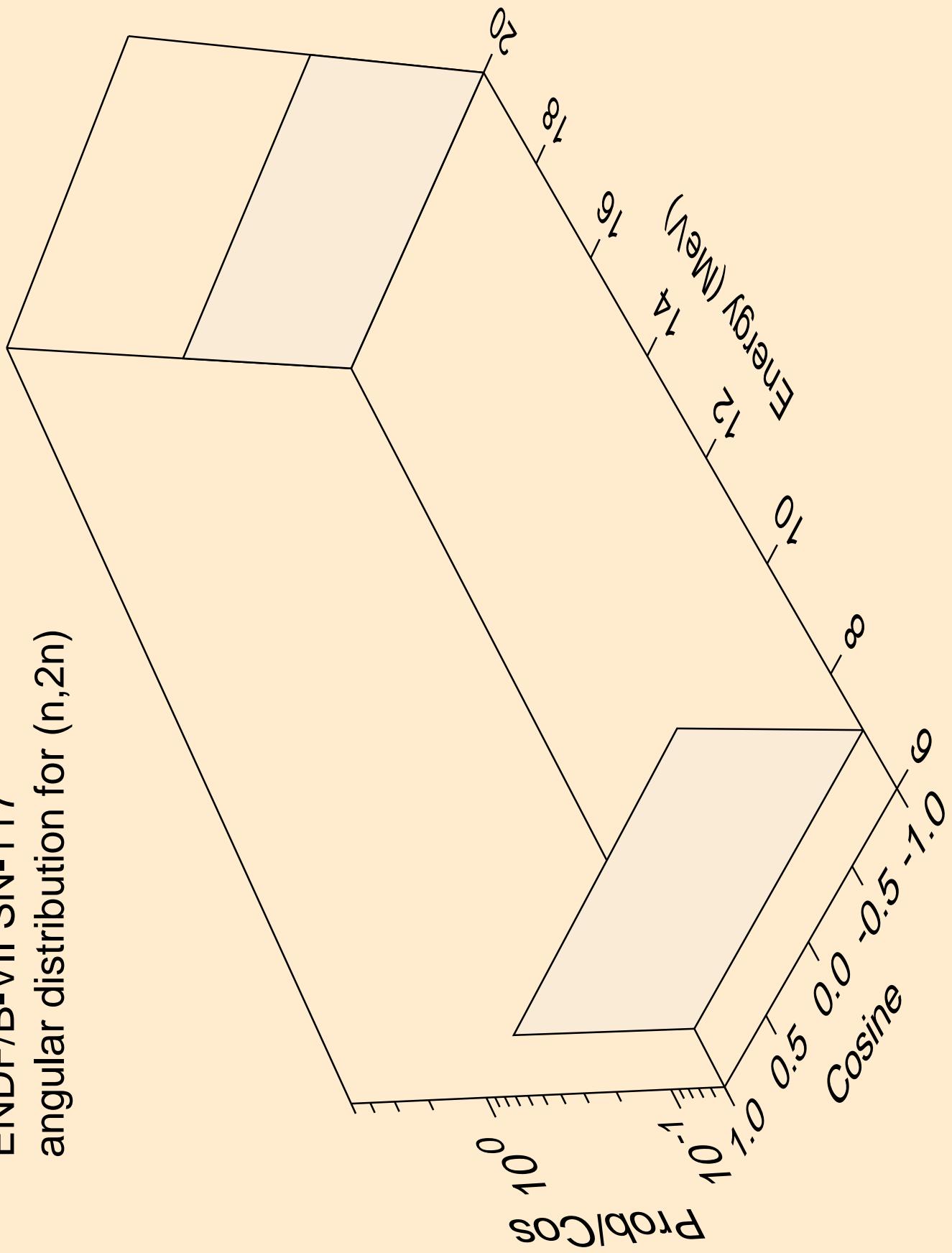


ENDF/B-VII SN-117  
angular distribution for elastic



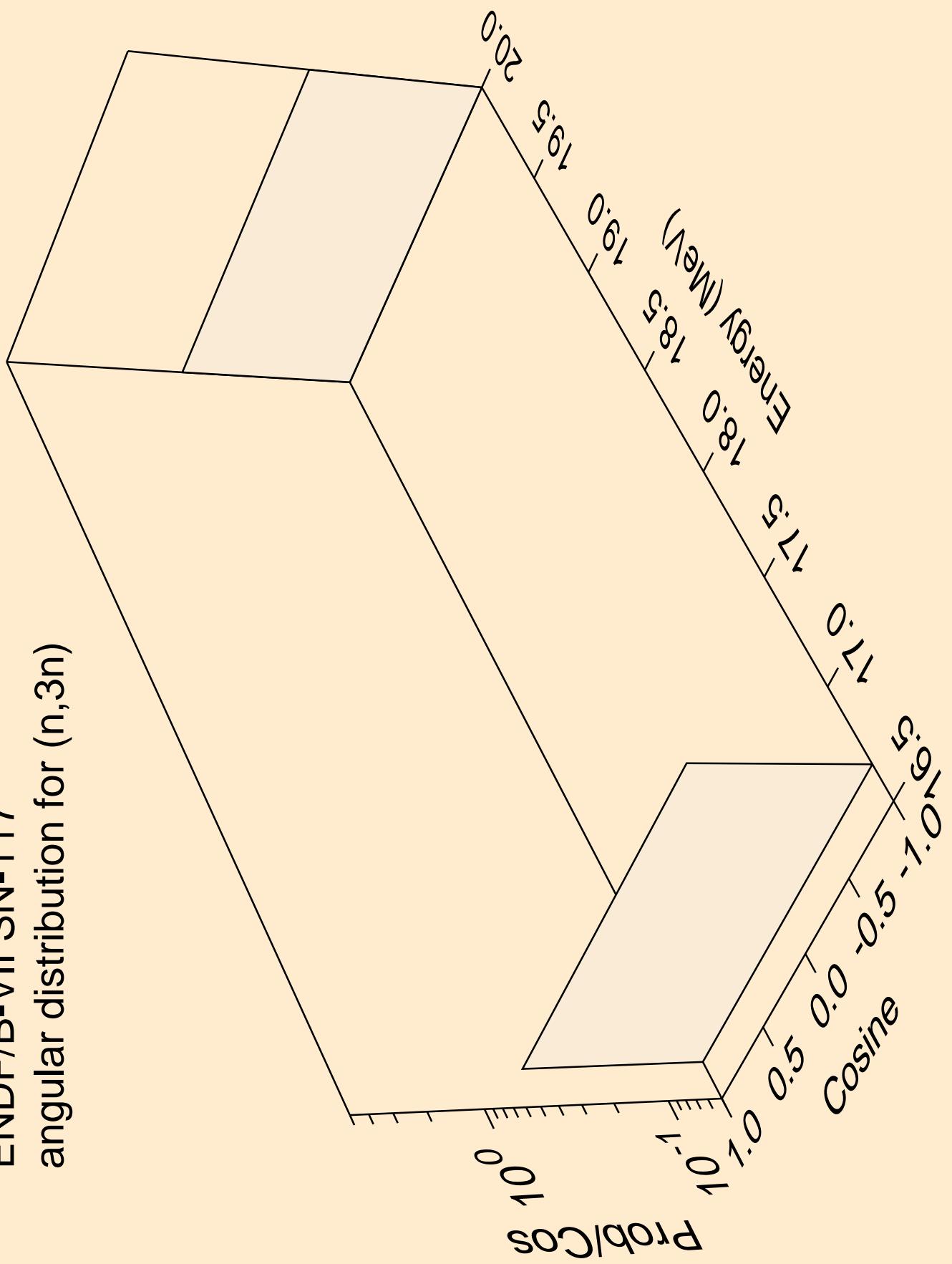
ENDF/B-VII SN-117

angular distribution for (n,2n)



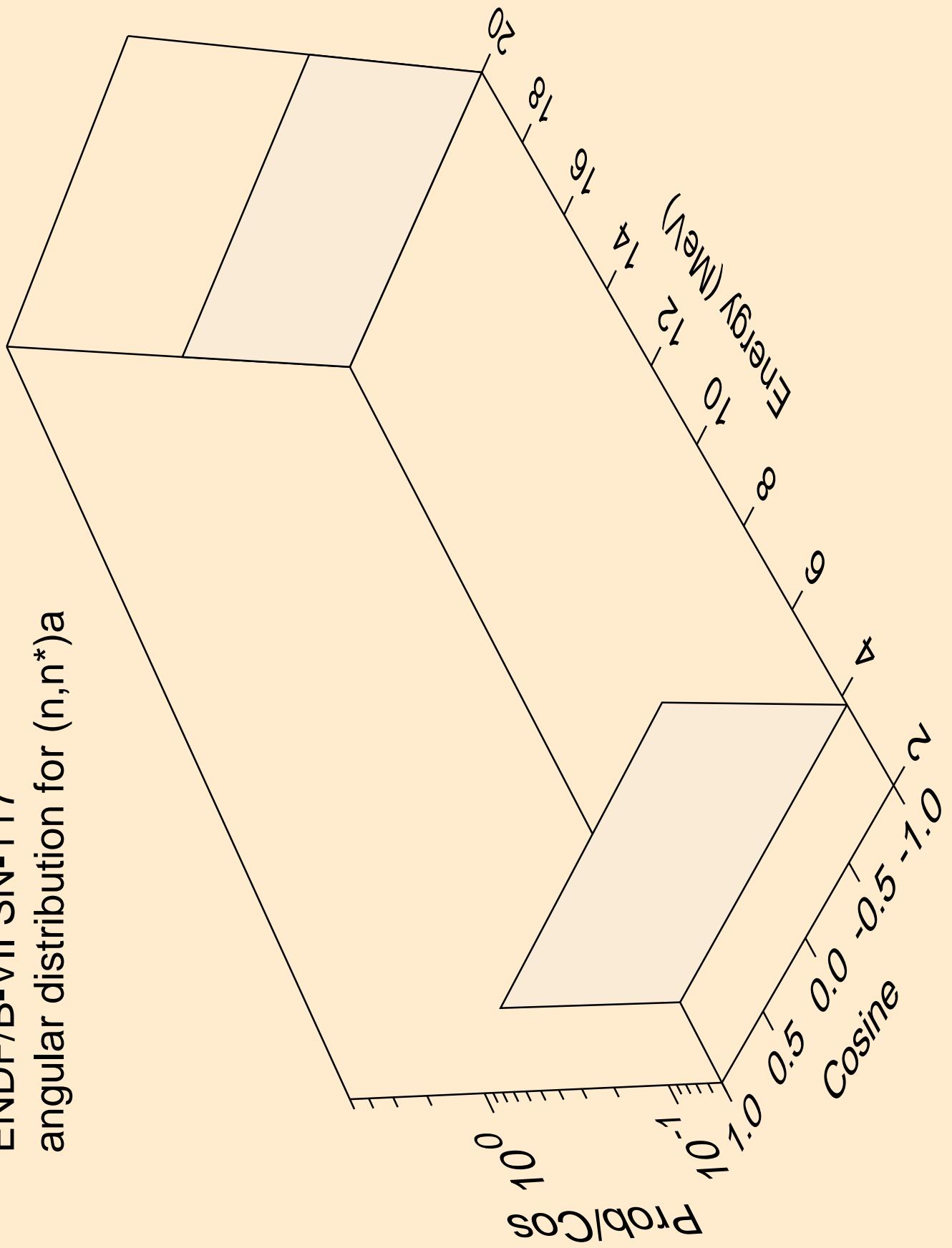
ENDF/B-VII SN-117

angular distribution for (n,3n)



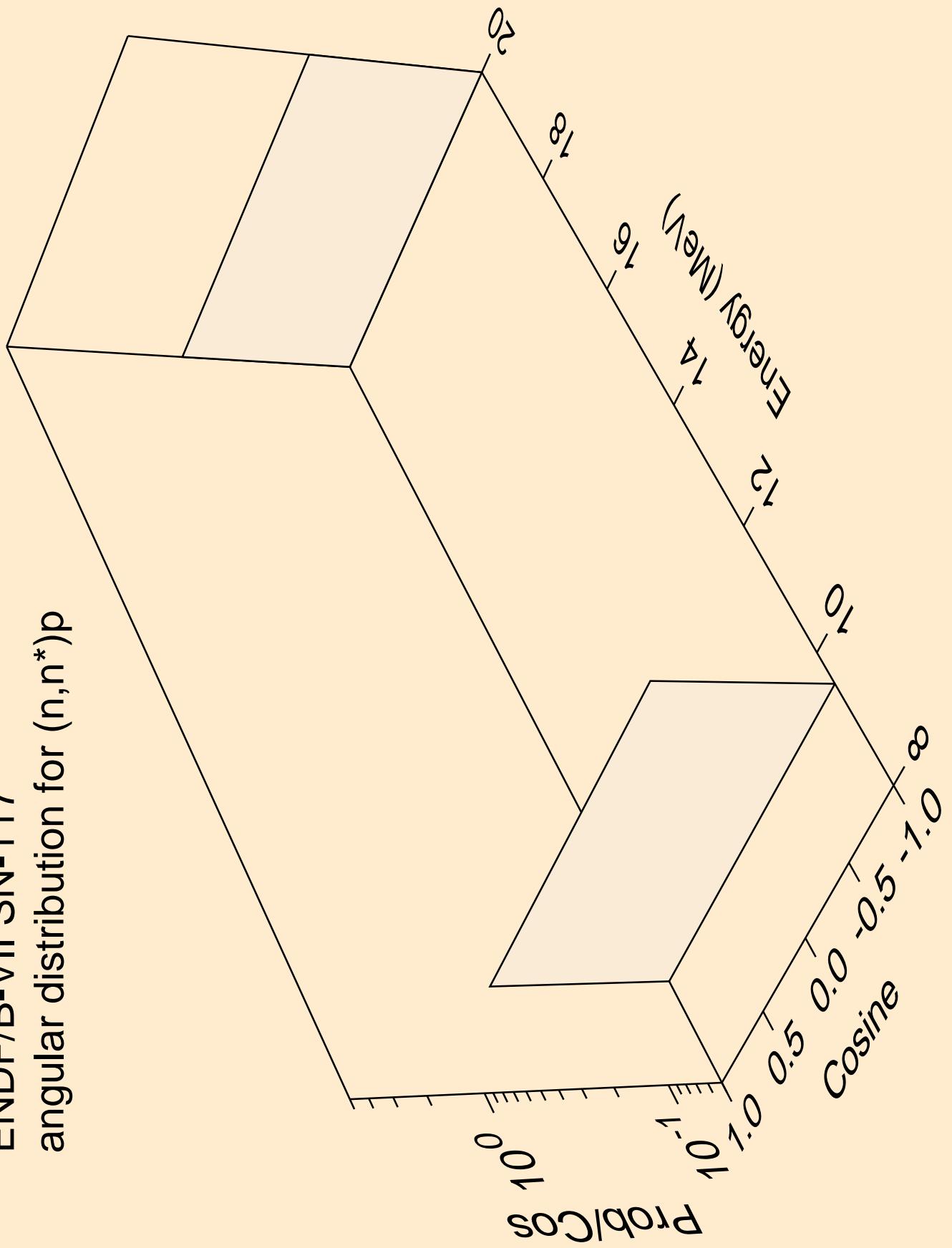
ENDF/B-VII SN-1117

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



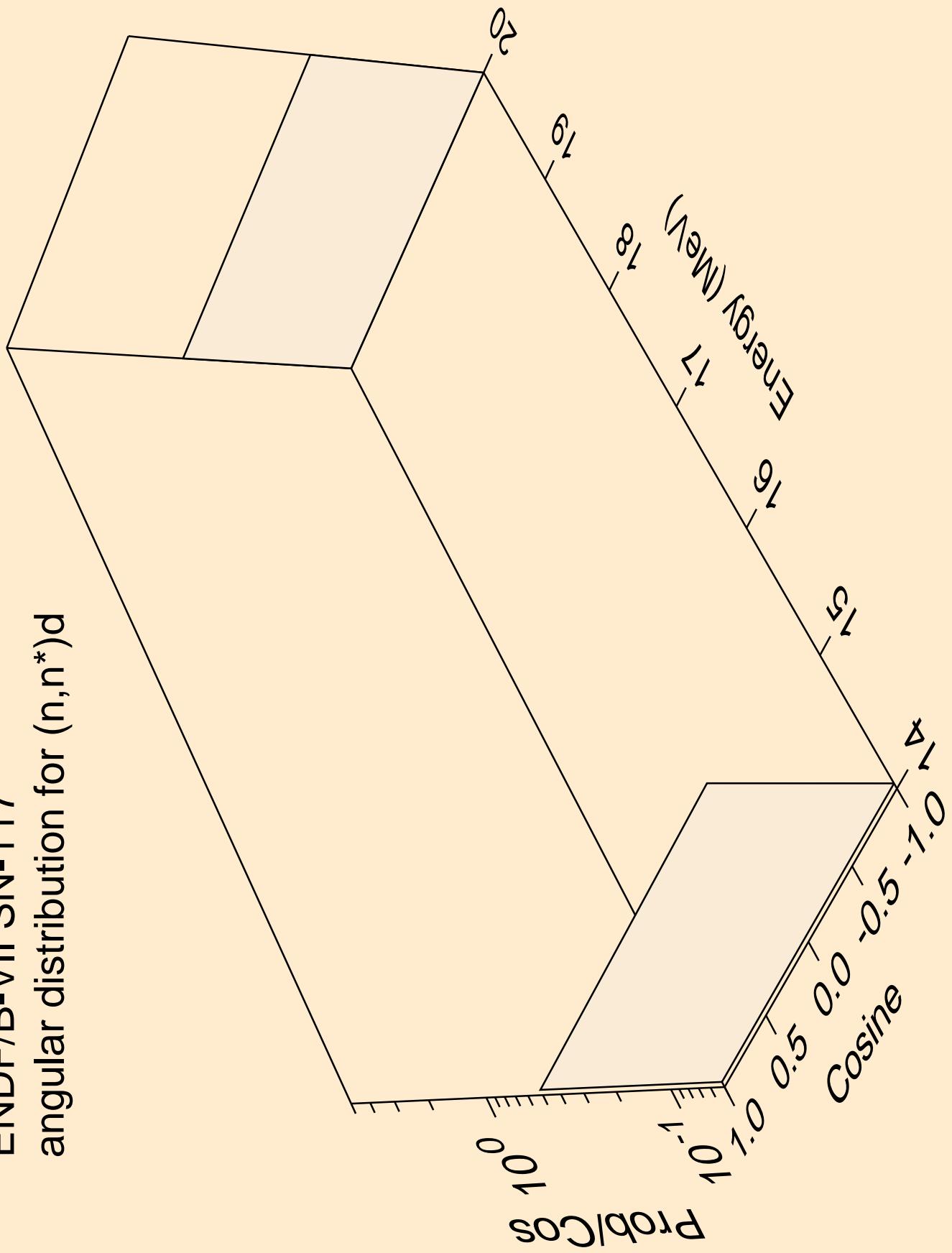
ENDF/B-VII SN-1117

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



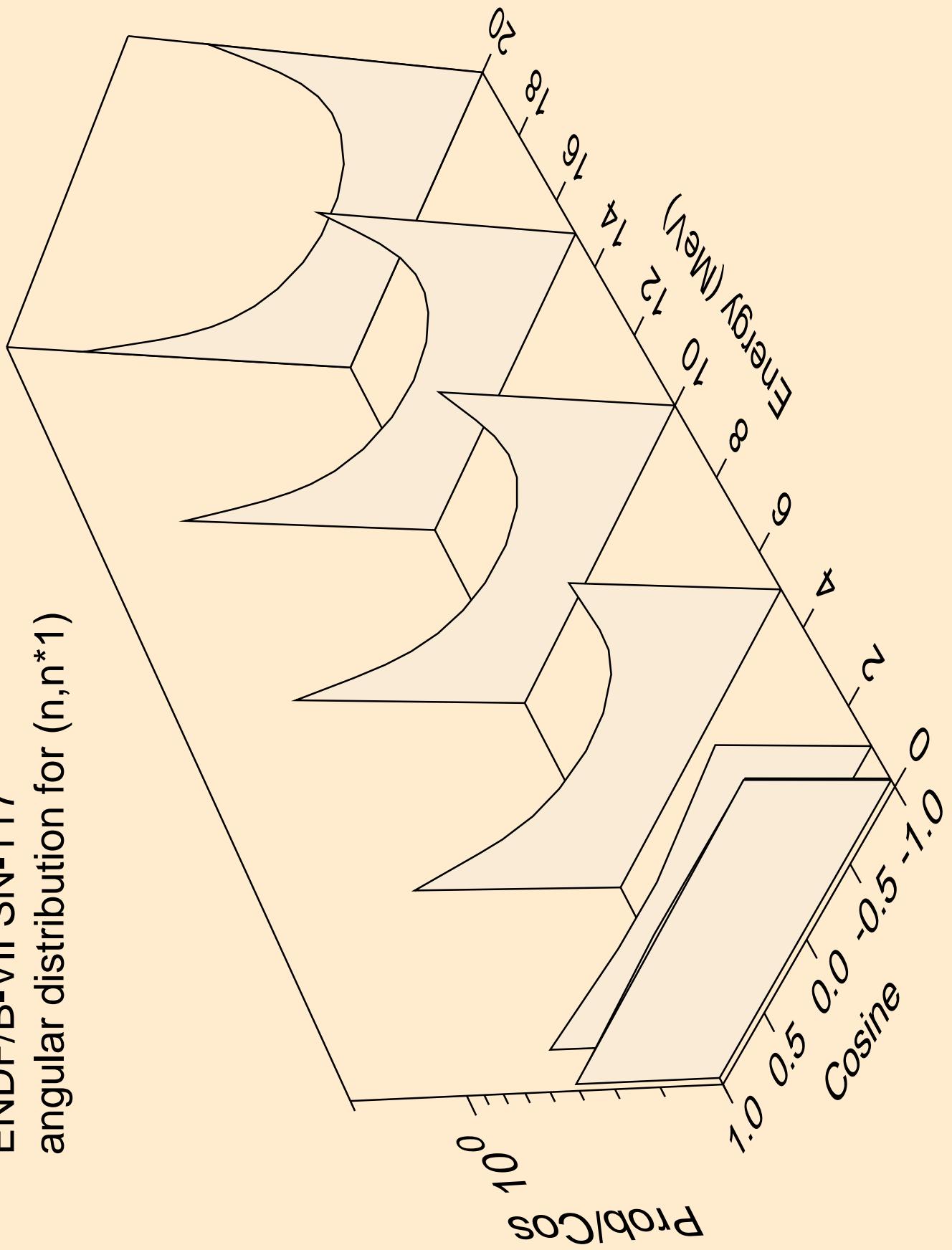
ENDF/B-VII SN-1117

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



ENDF/B-VII SN-117

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



ENDF/B-VII SN-117

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

$10^0$

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

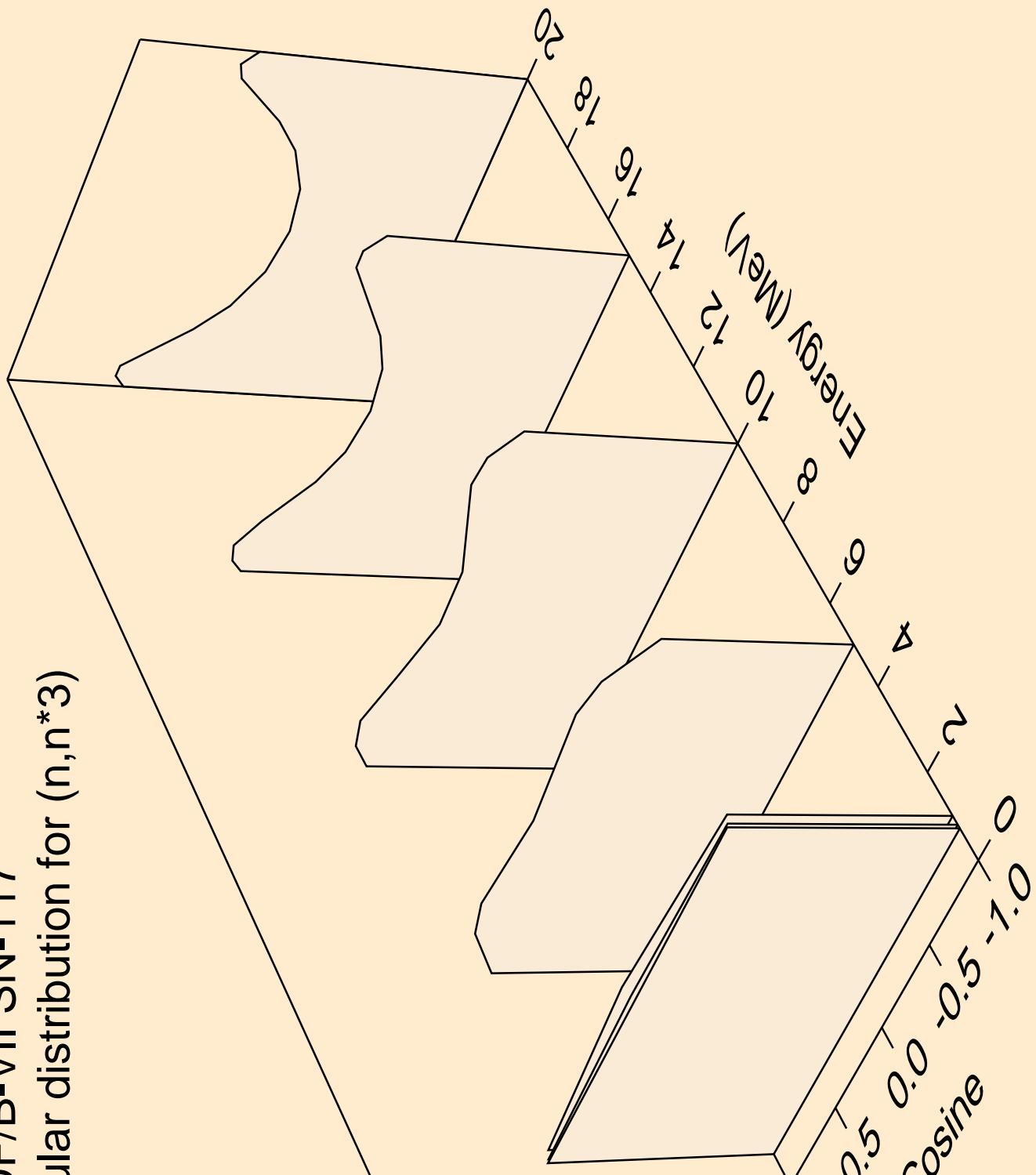
ENDF/B-VII SN-117

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

$10^0$

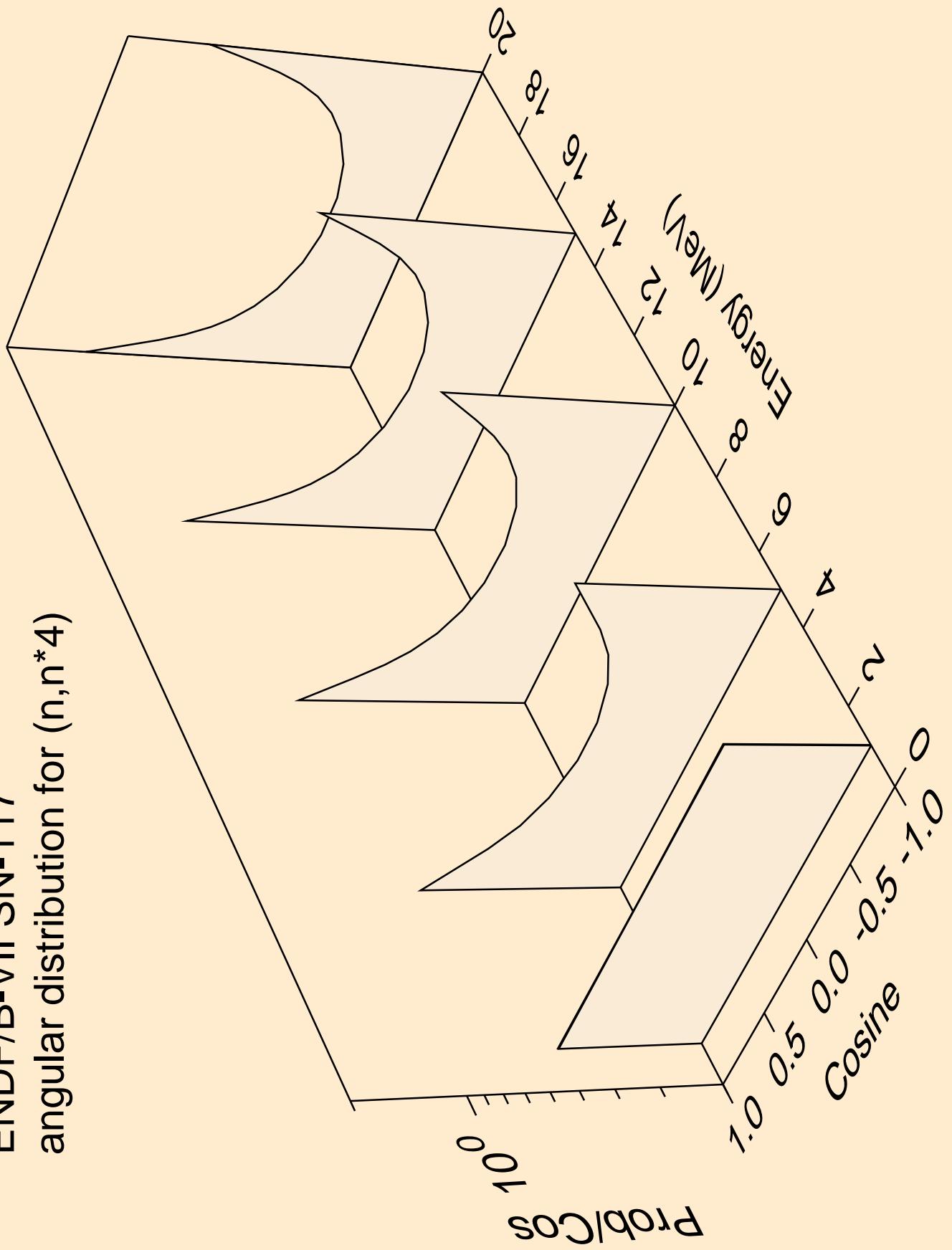
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII SN-1117

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



ENDF/B-VII SN-117

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

Energ (MeV)

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII SN-117

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

$10^0$

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

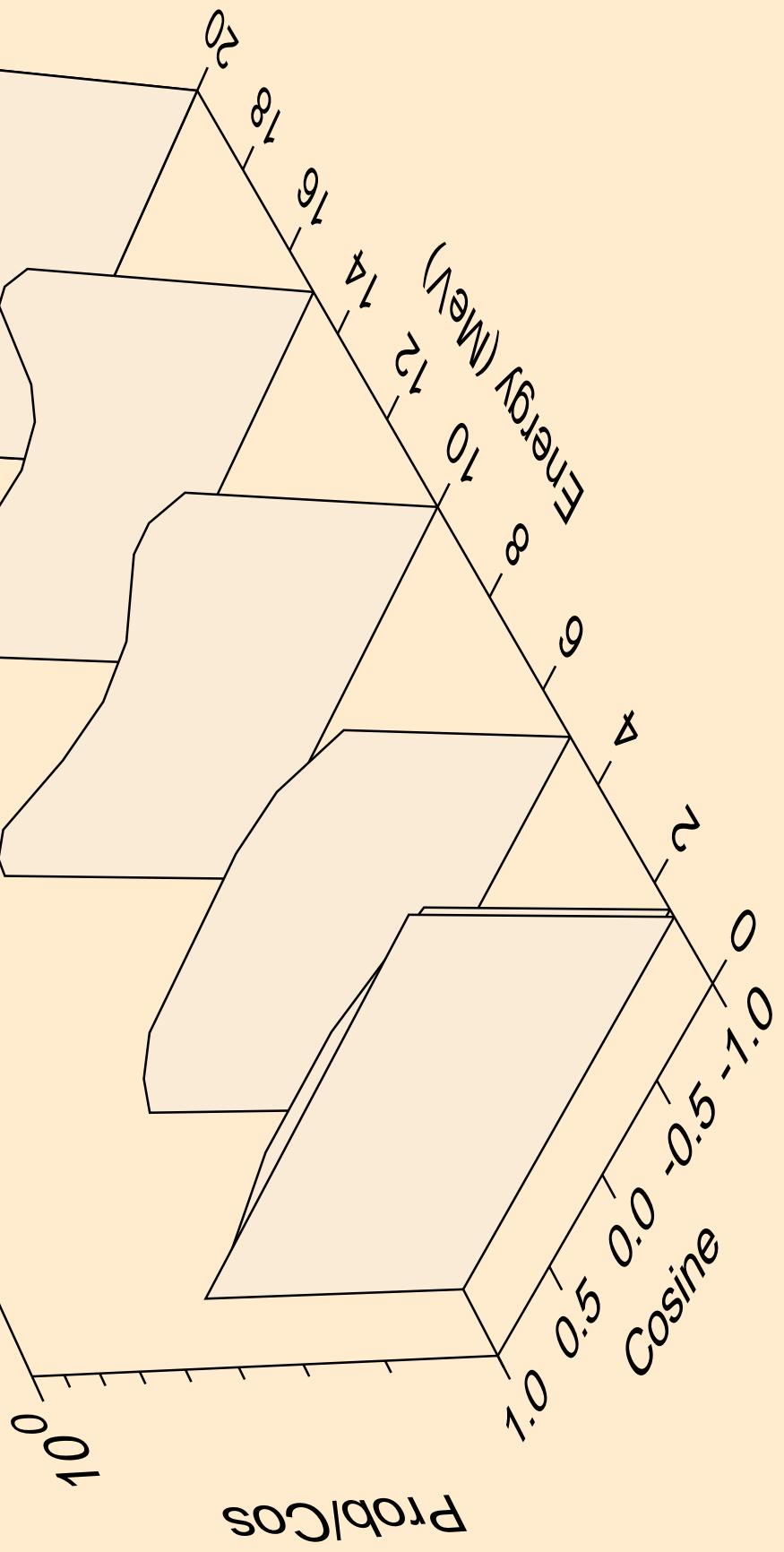
6

4

2

0

ENDF/B-VII SN-117  
angular distribution for ( $n,n^*7$ )



ENDF/B-VII SN-117

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

$10^0$

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

-2

-4

-6

-8

-10

-12

-14

-16

-18

-20

ENDF/B-VII SN-117

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

$10^0$

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

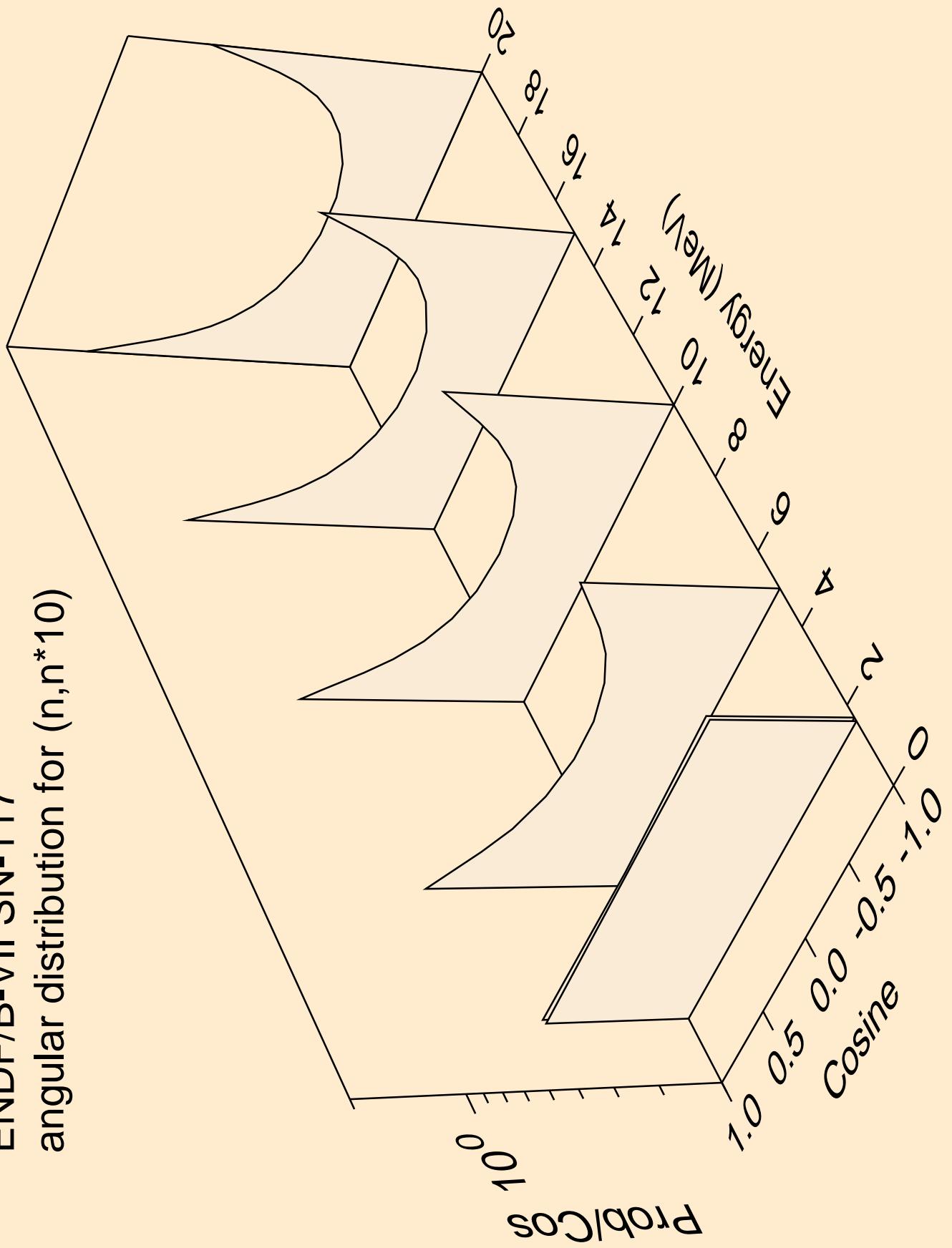
4

2

0

ENDF/B-VII SN-117

angular distribution for (n,n\*10)



ENDF/B-VII SN-1117

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  
8  
Energy (MeV)

6  
4  
2

0

-2

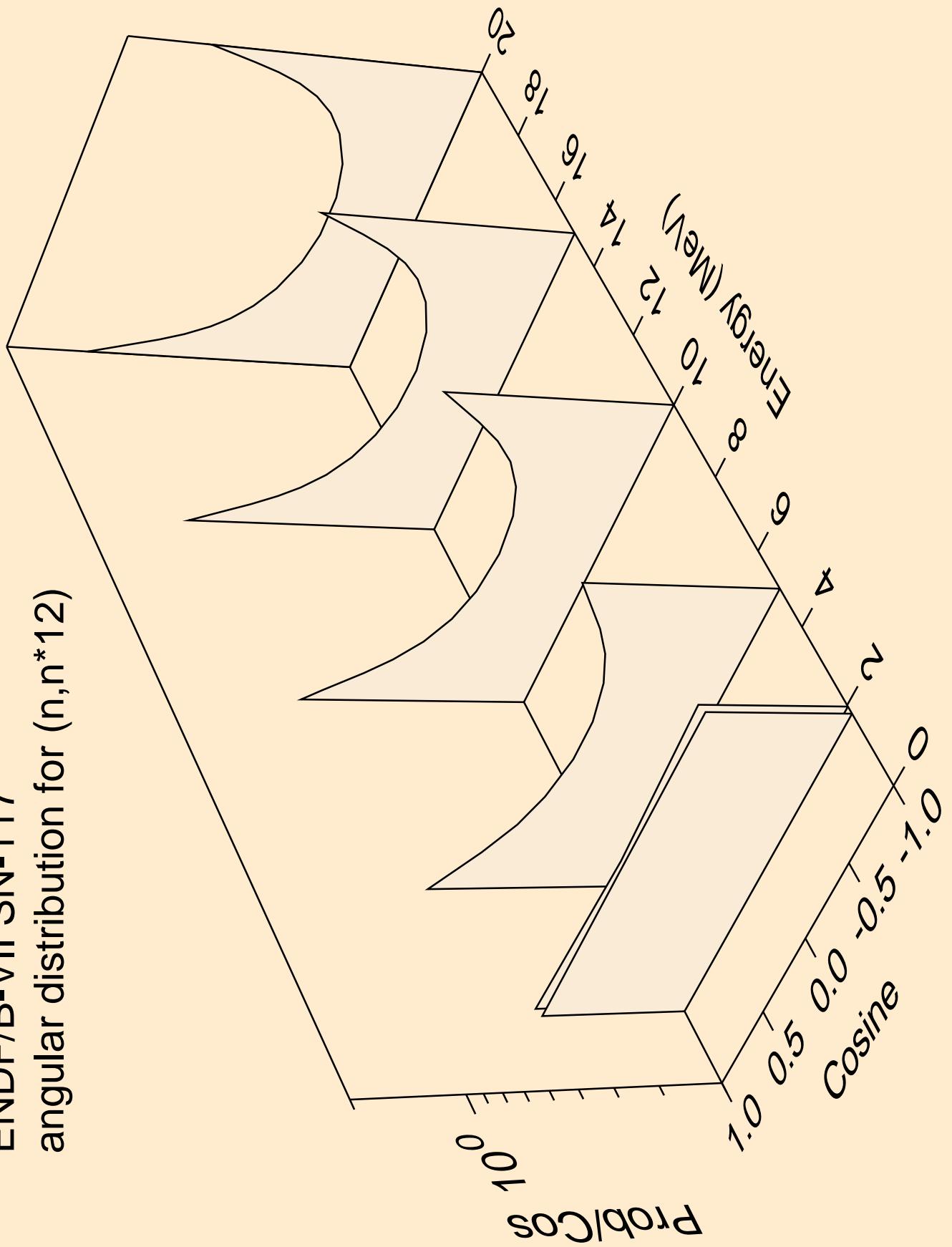
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-6

-8

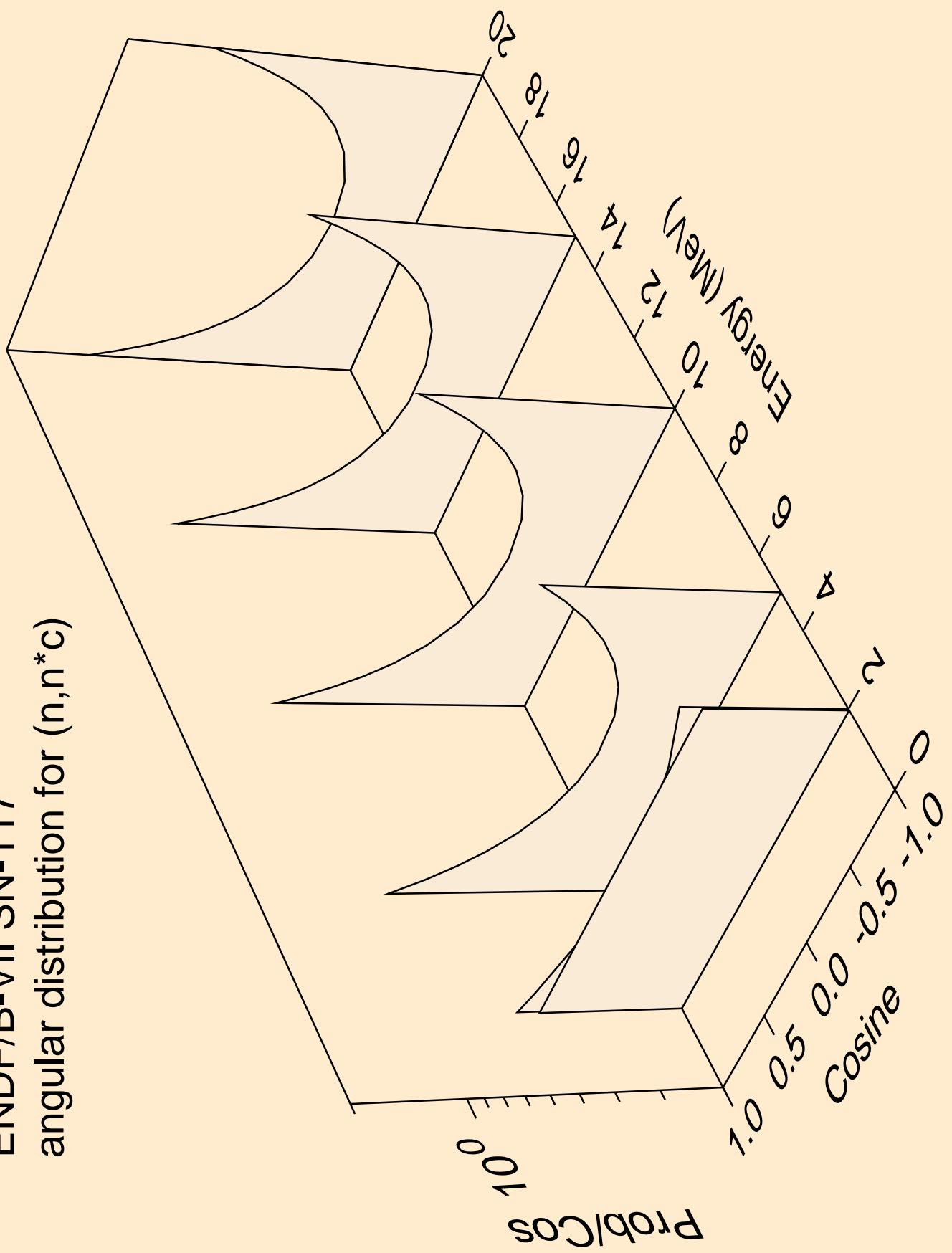
ENDF/B-VII SN-117

angular distribution for (n,n\*12)



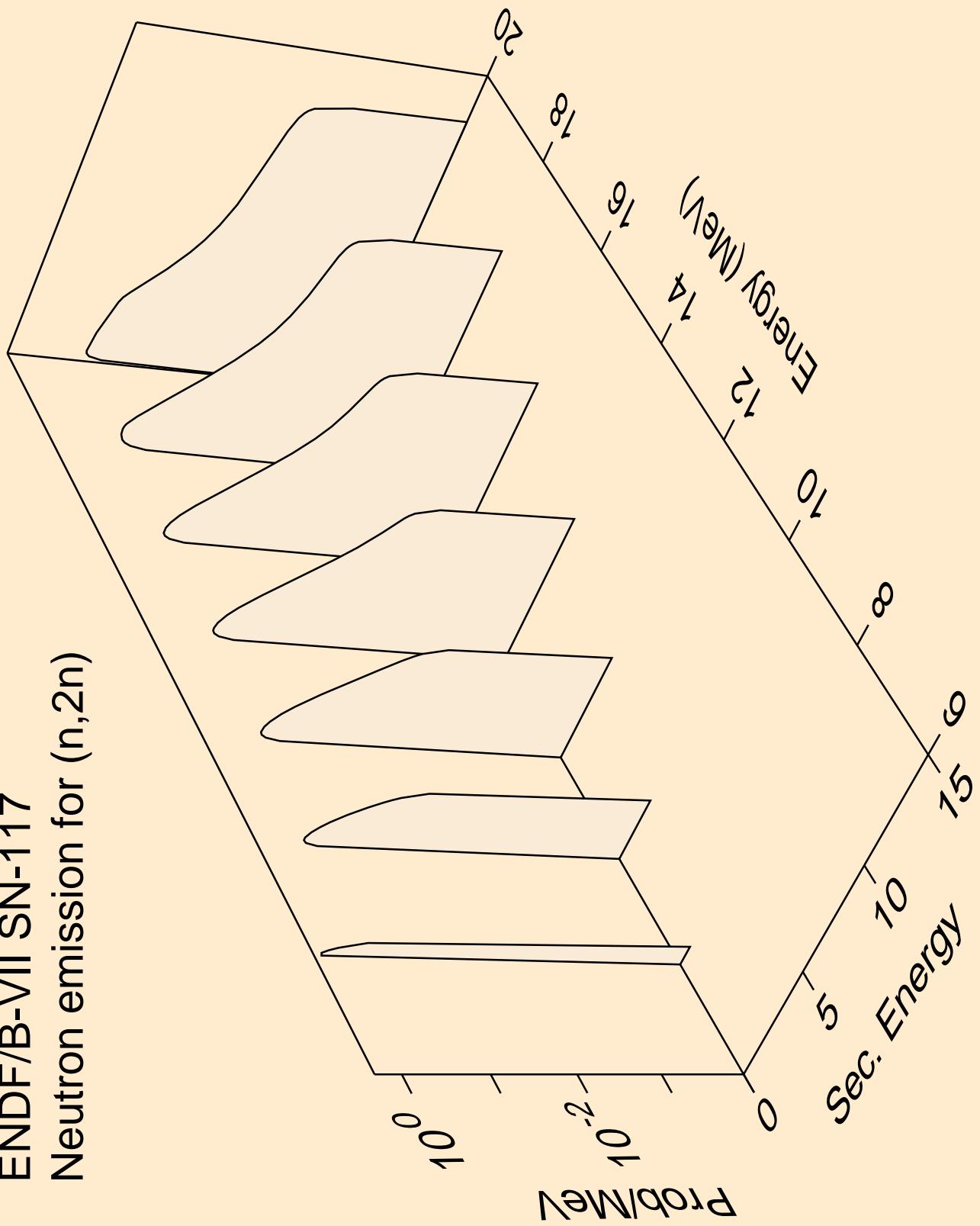
ENDF/B-VII SN-1117

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

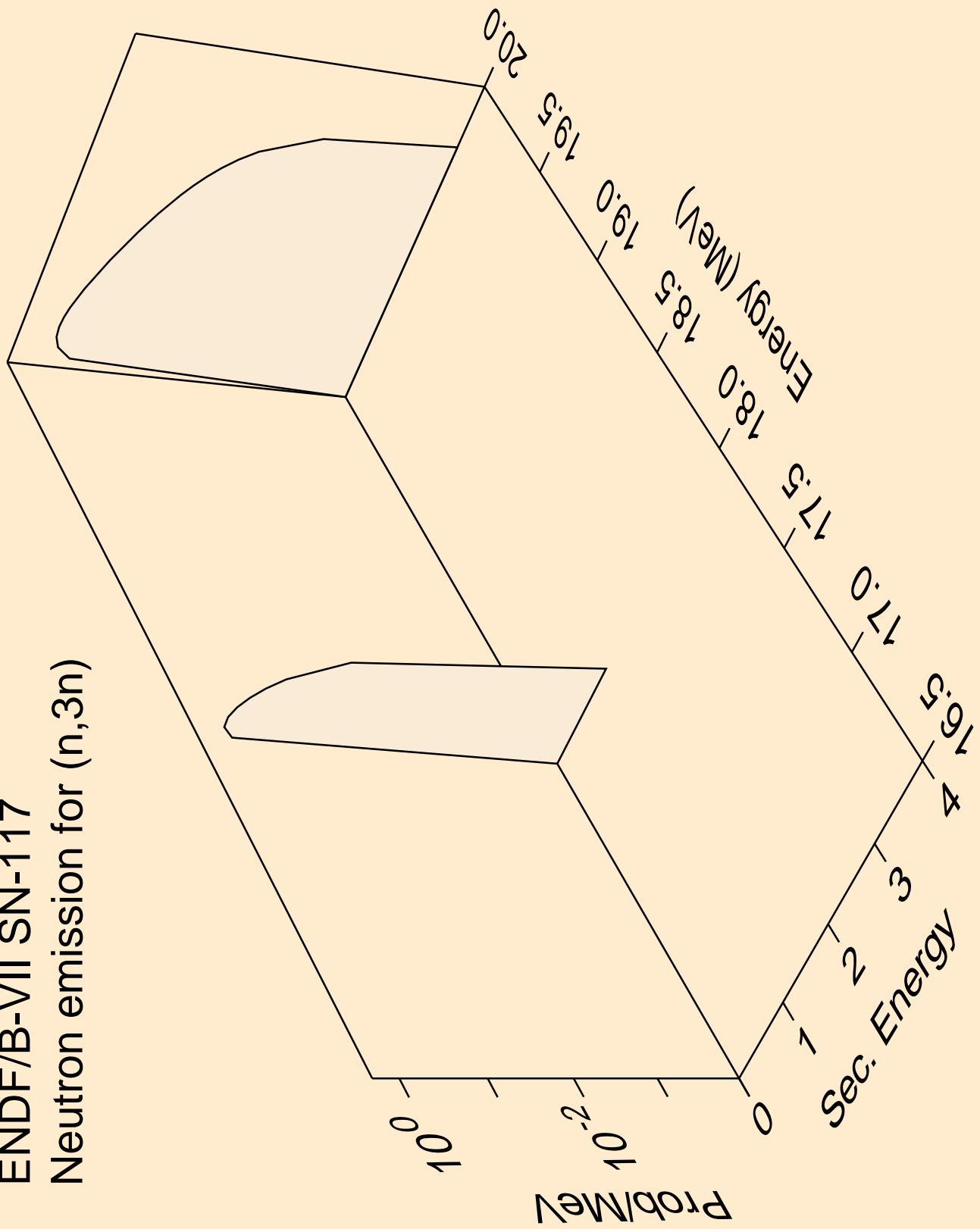


ENDF/B-VII SN-117

Neutron emission for  $(n,2n)$

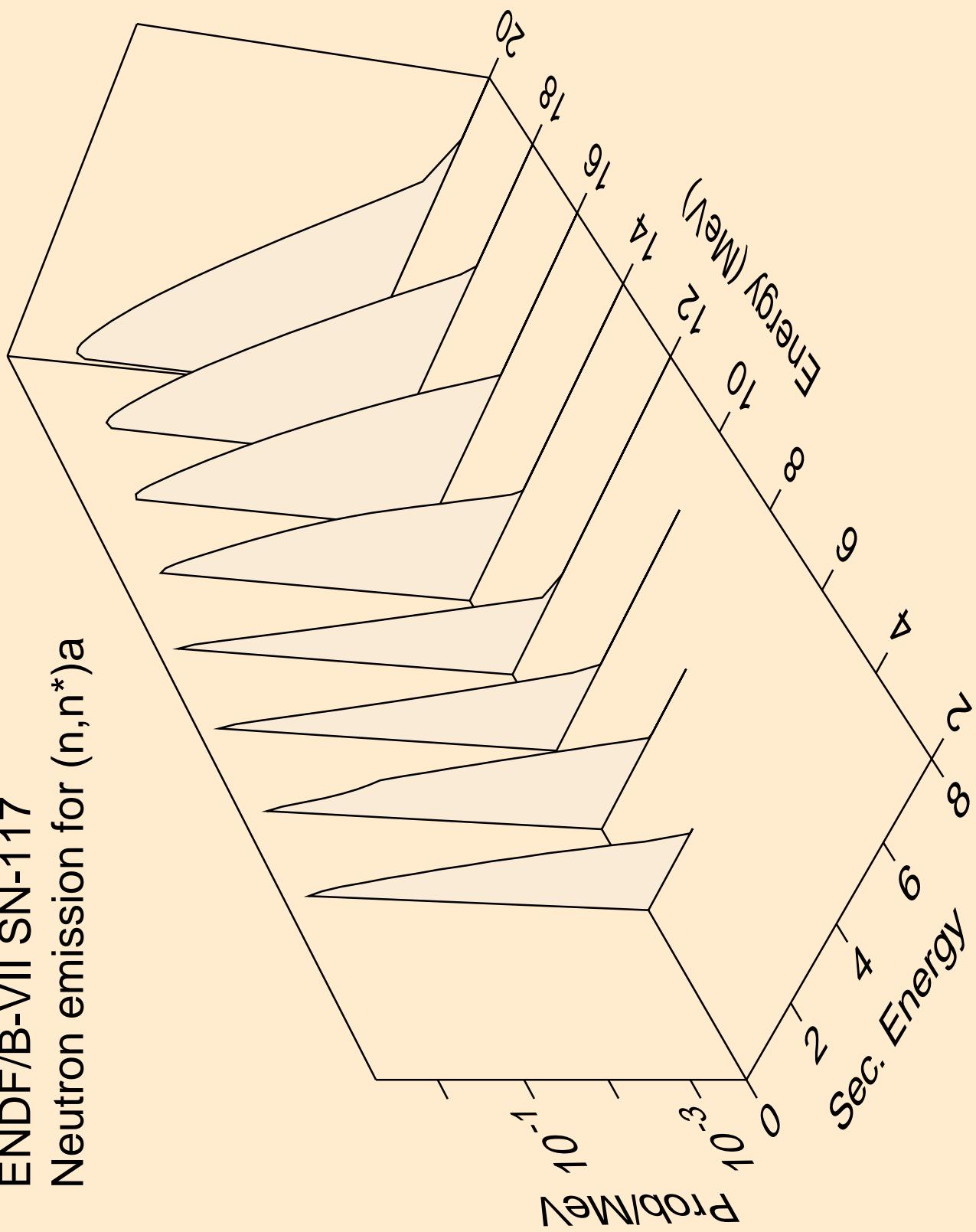


# ENDF/B-VII SN-117 Neutron emission for (n,3n)



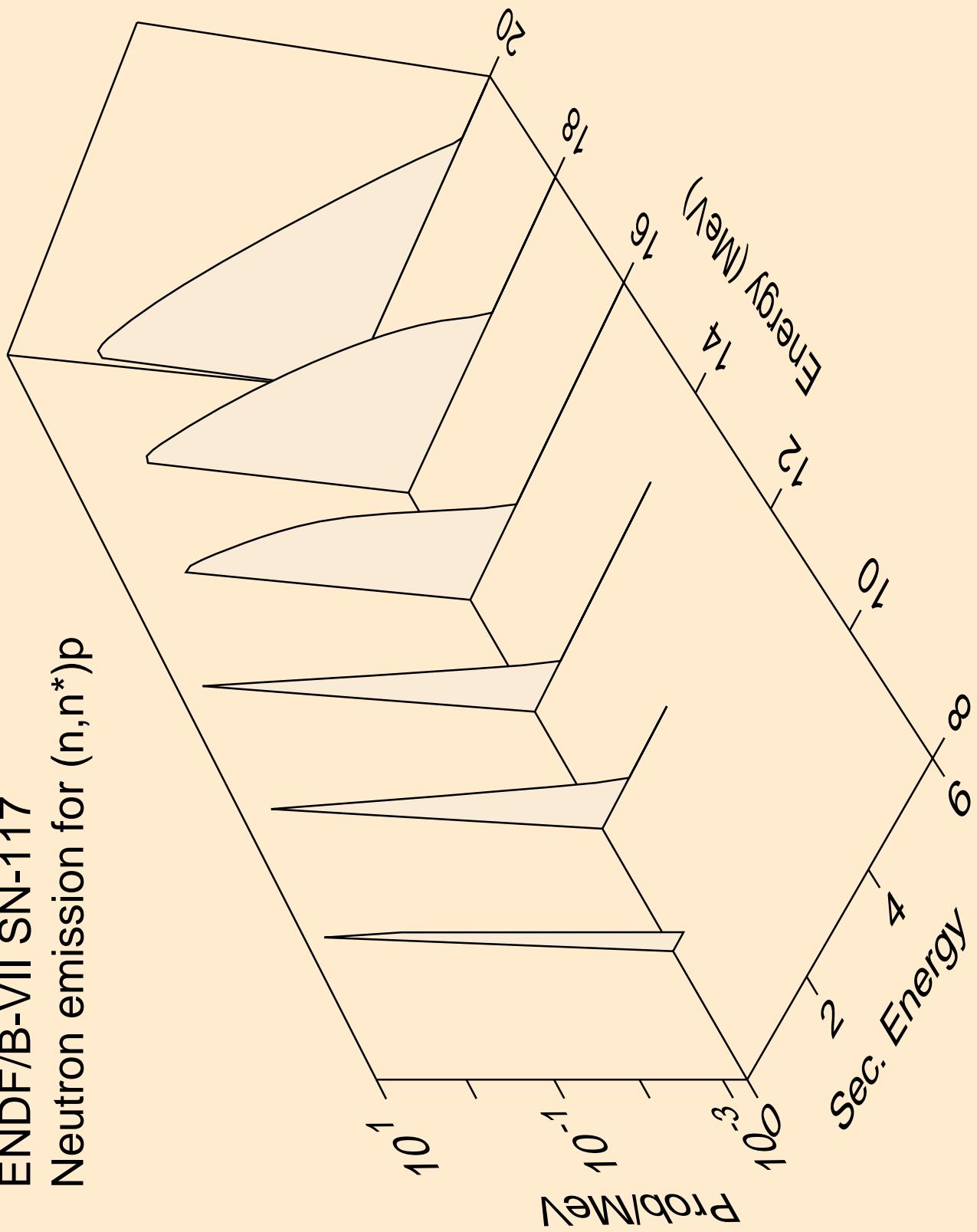
ENDF/B-VII SN-117

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



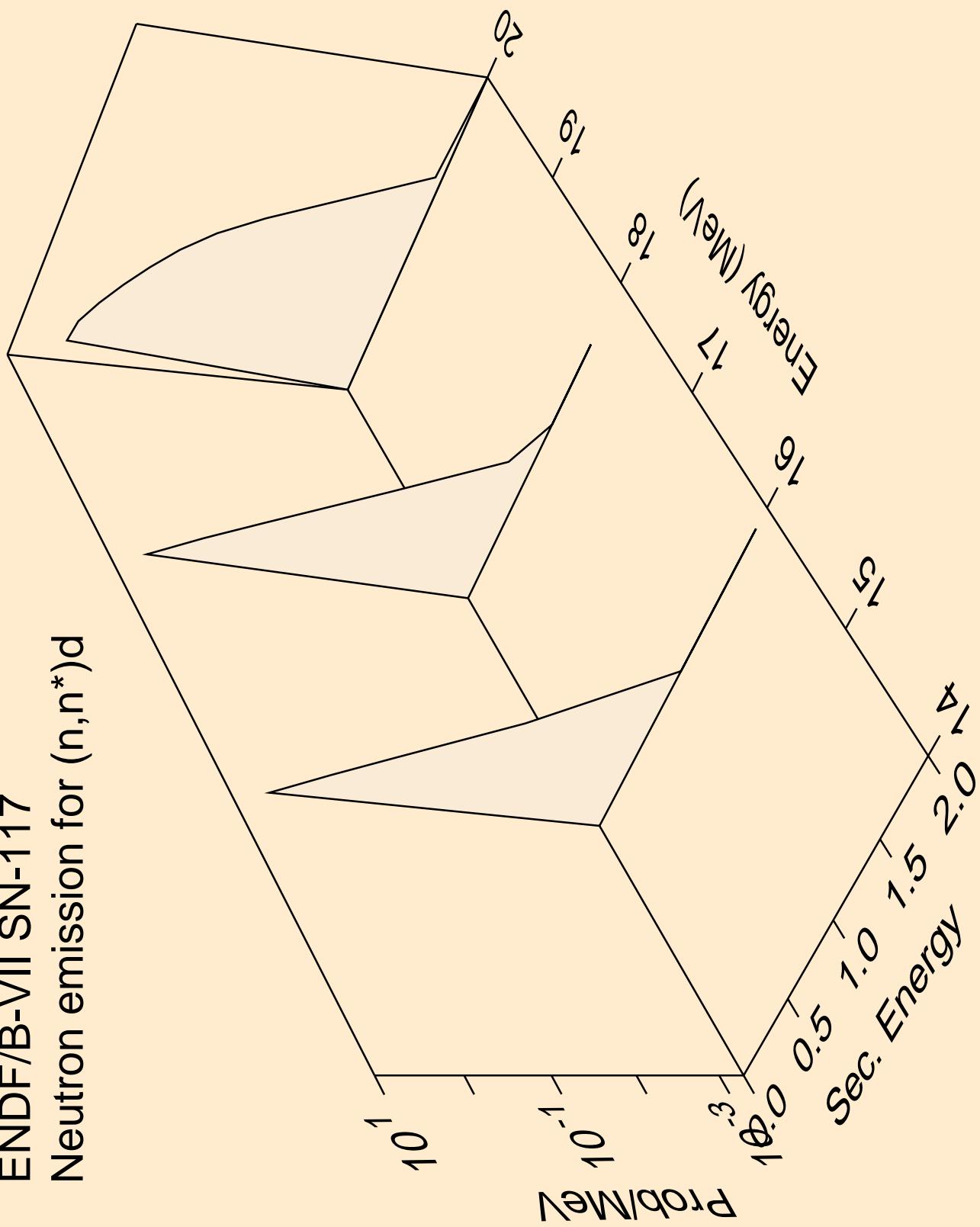
ENDF/B-VII SN-1117

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



ENDF/B-VII SN-117

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



ENDF/B-VII SN-117

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

