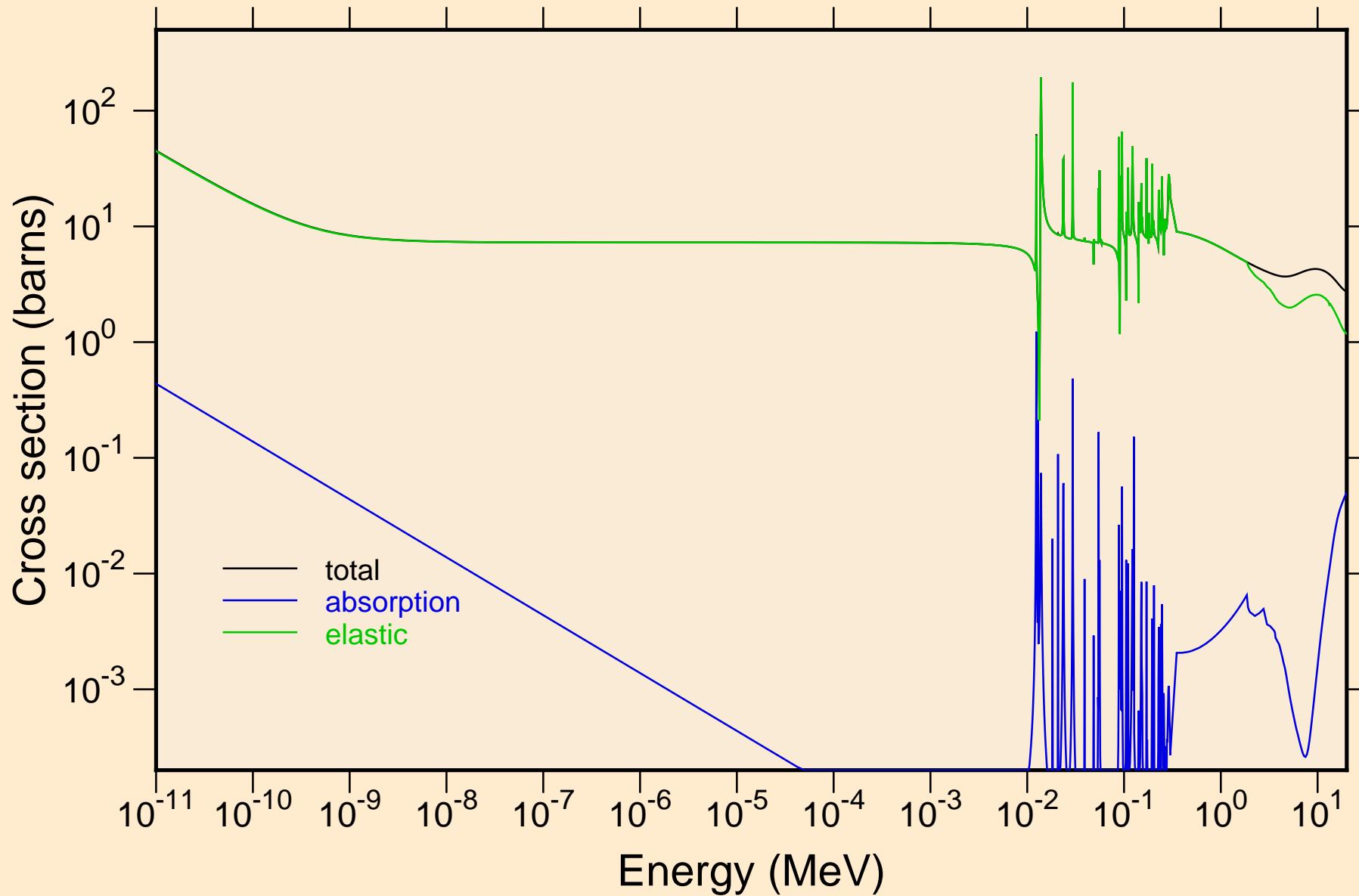
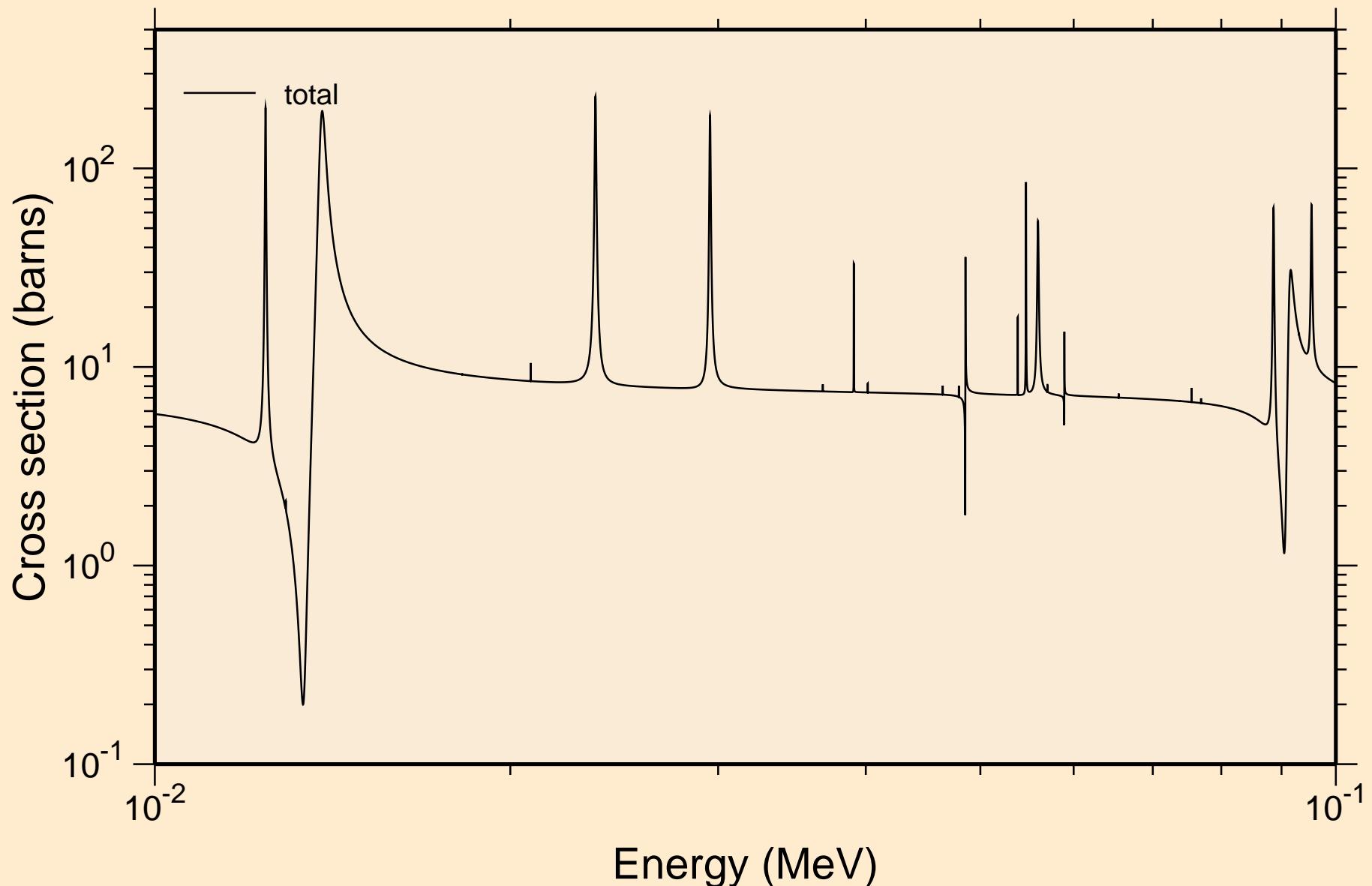


# ENDF/B-VII SR-88

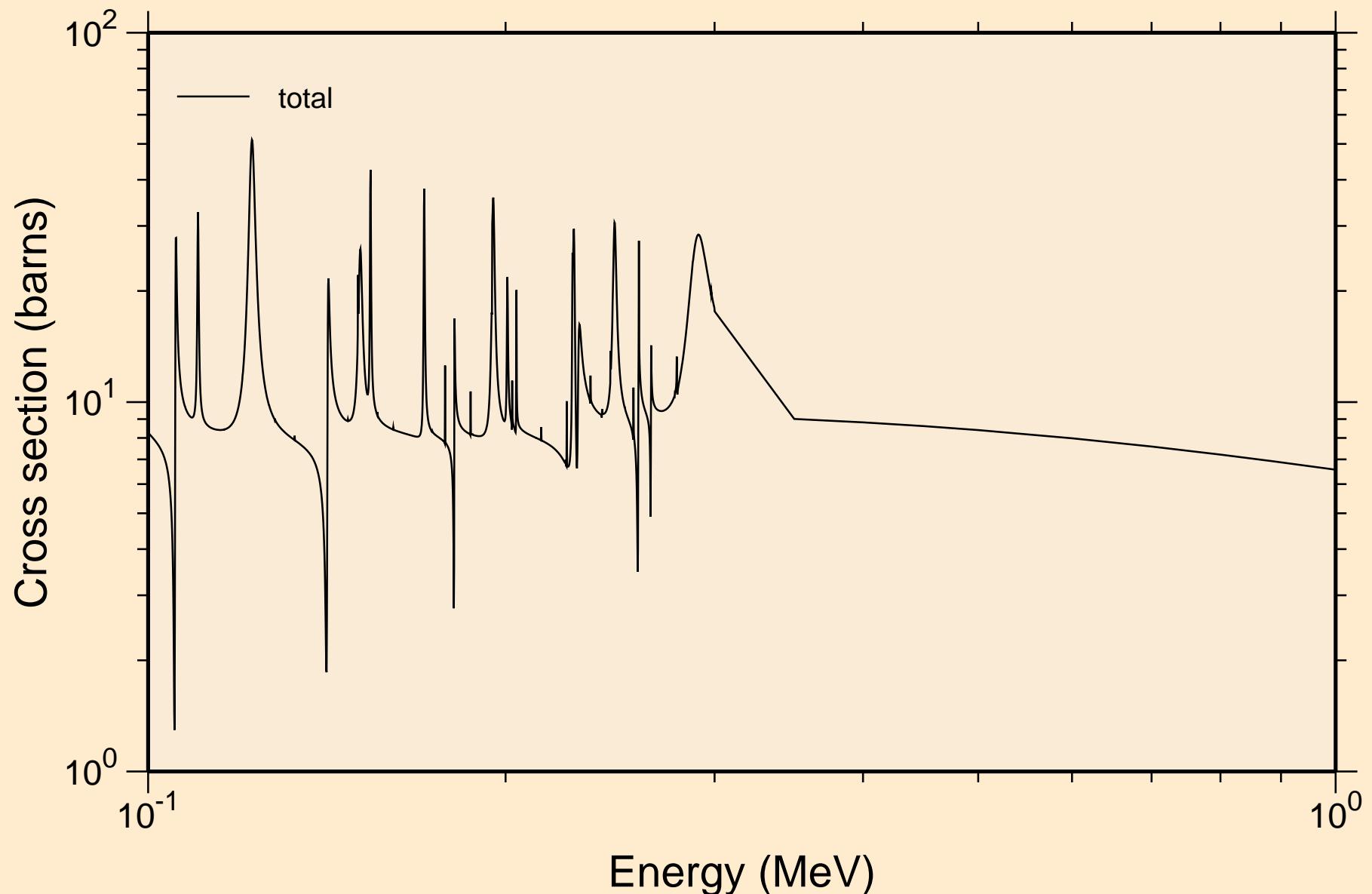
## Principal cross sections



ENDF/B-VII SR-88  
resonance total cross section

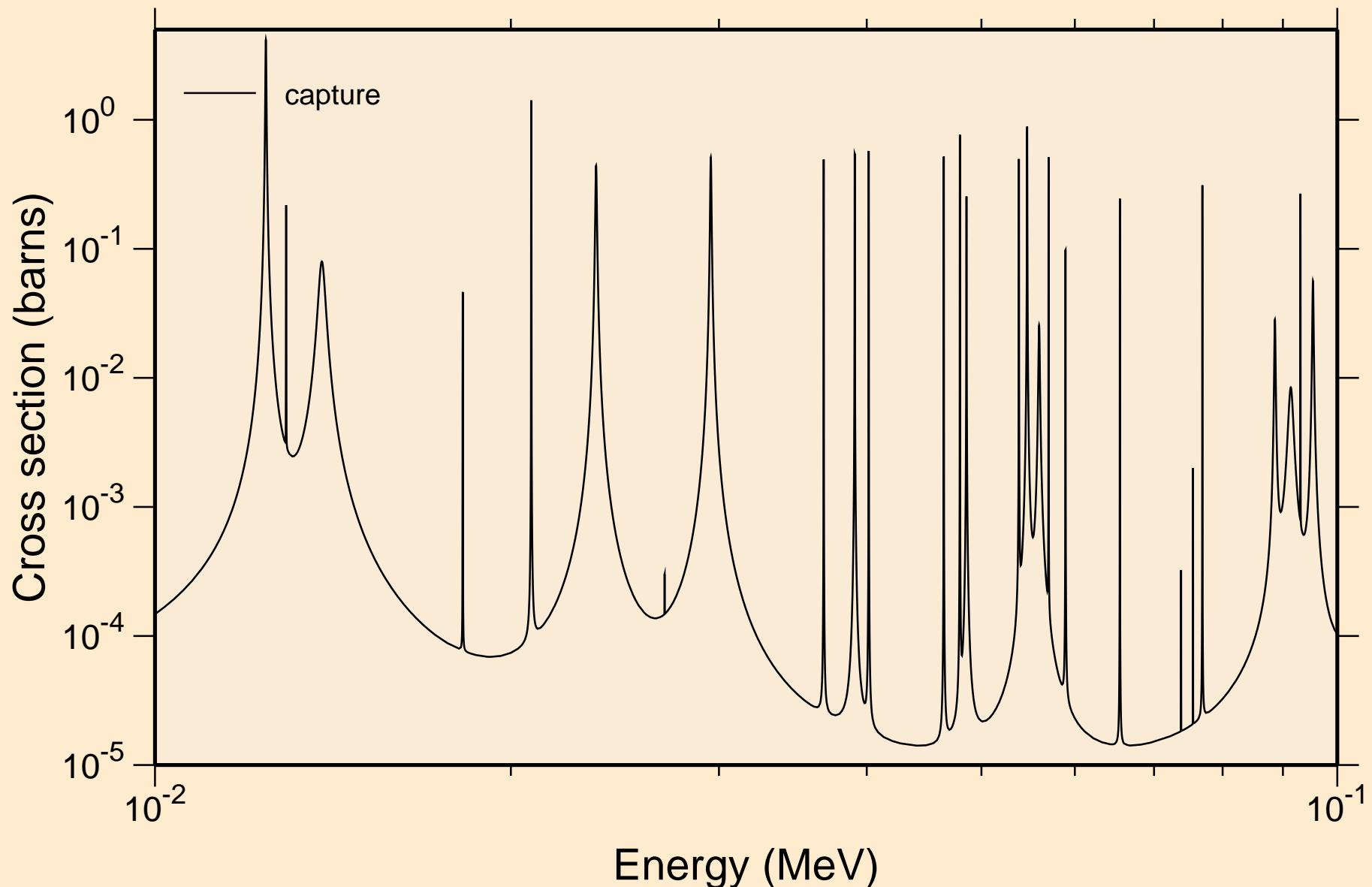


ENDF/B-VII SR-88  
resonance total cross section



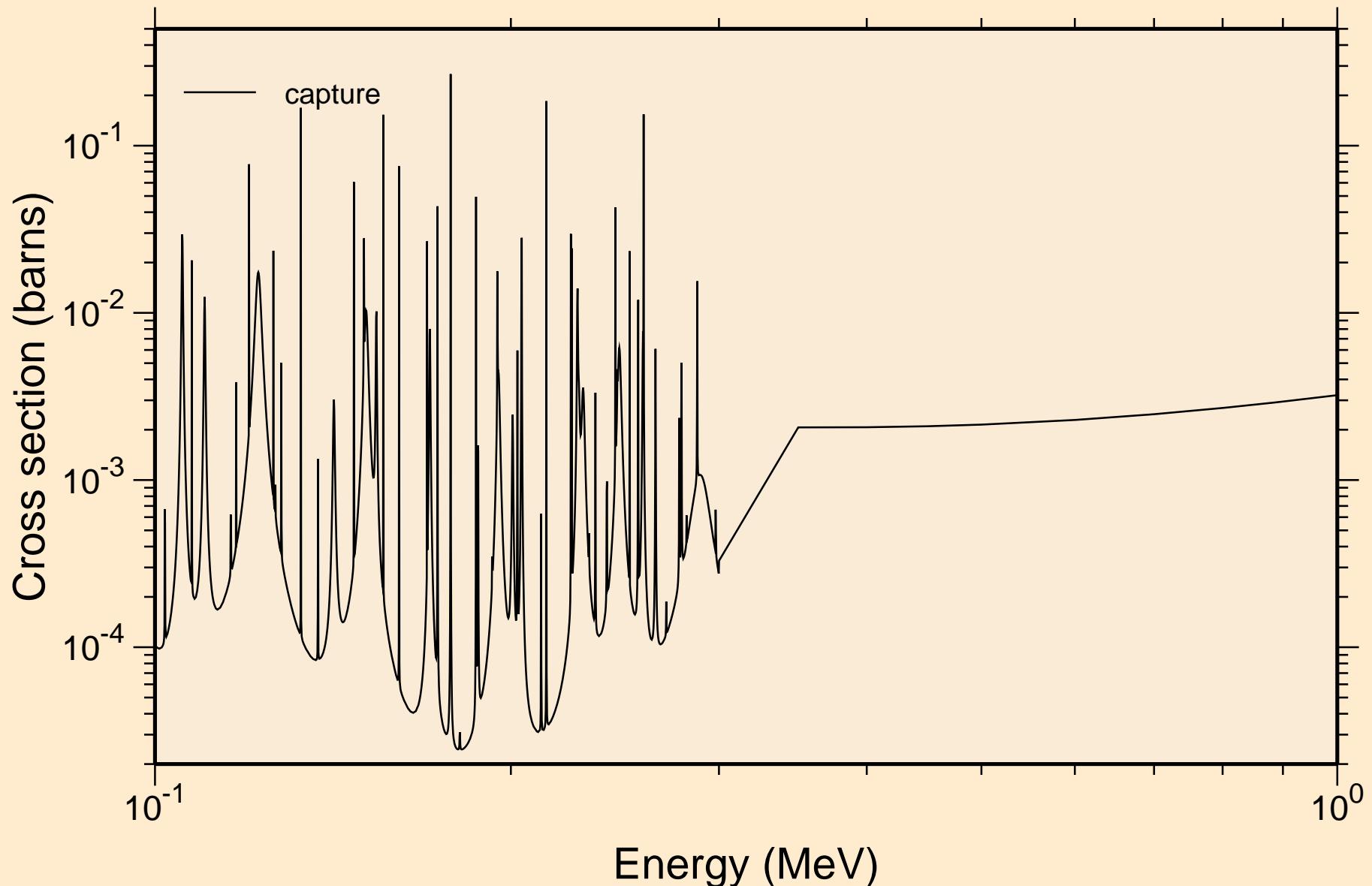
# ENDF/B-VII SR-88

## resonance absorption cross sections



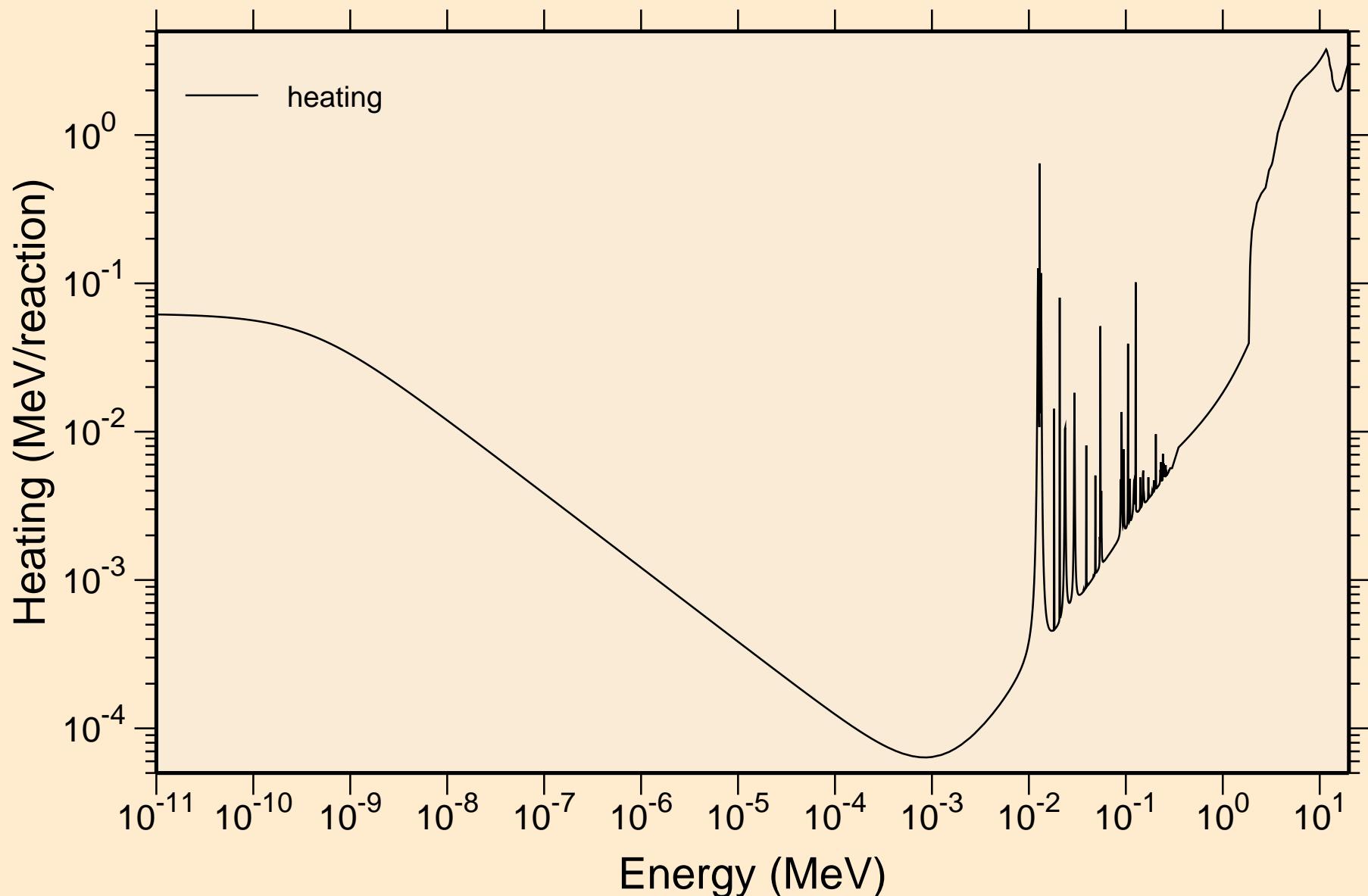
# ENDF/B-VII SR-88

## resonance absorption cross sections



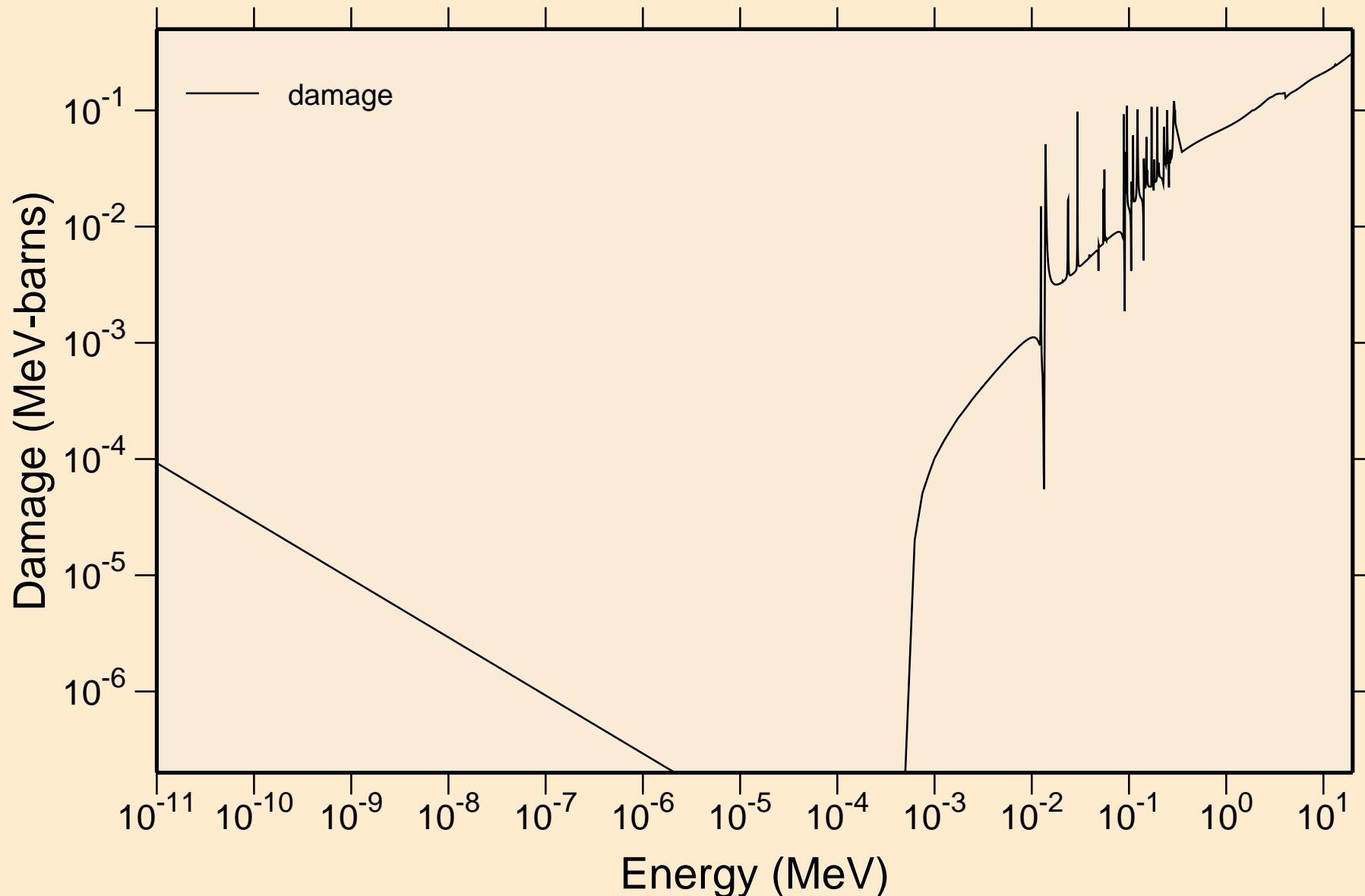
# ENDF/B-VII SR-88

## Heating

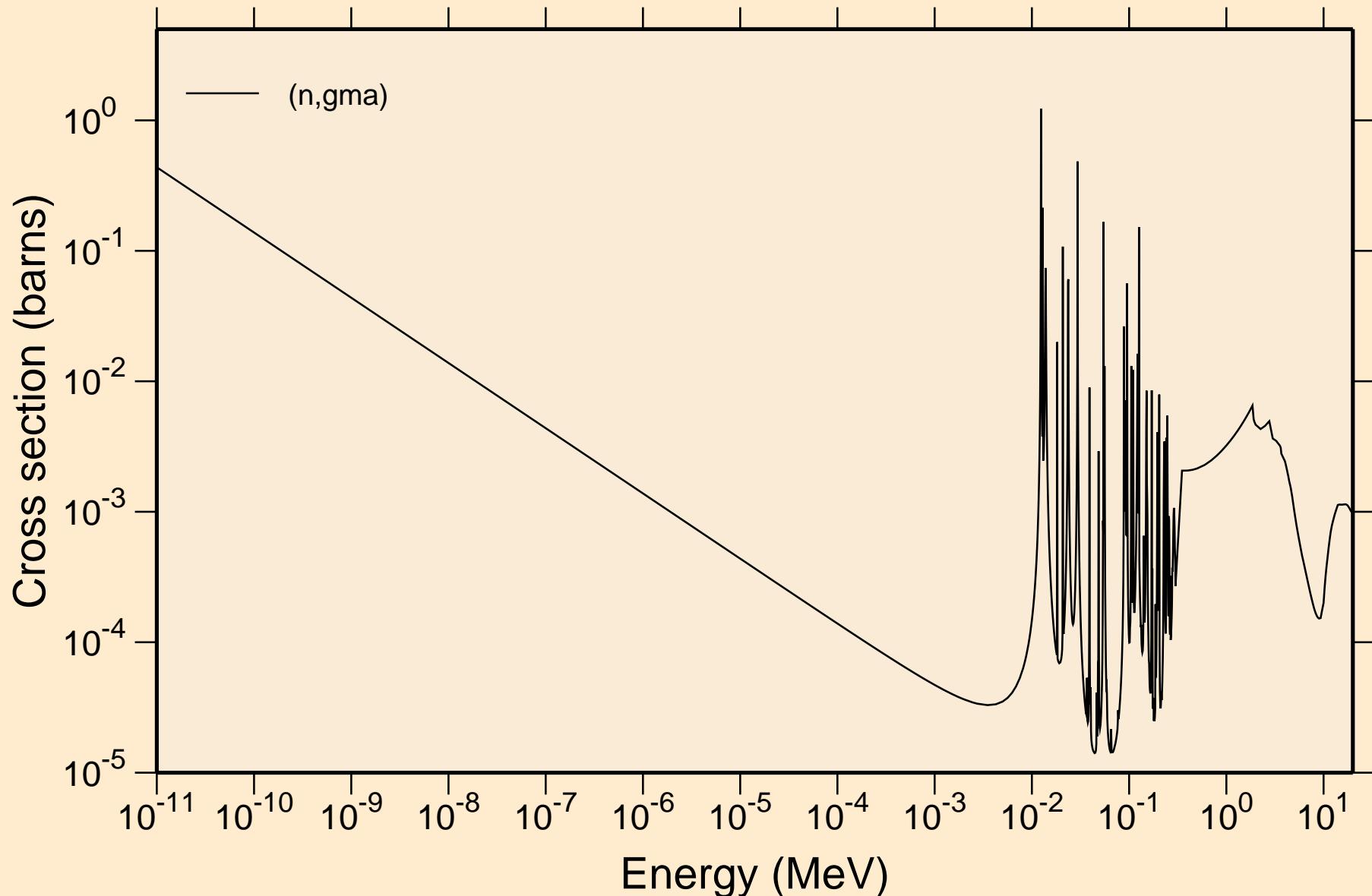


# ENDF/B-VII SR-88

## Damage

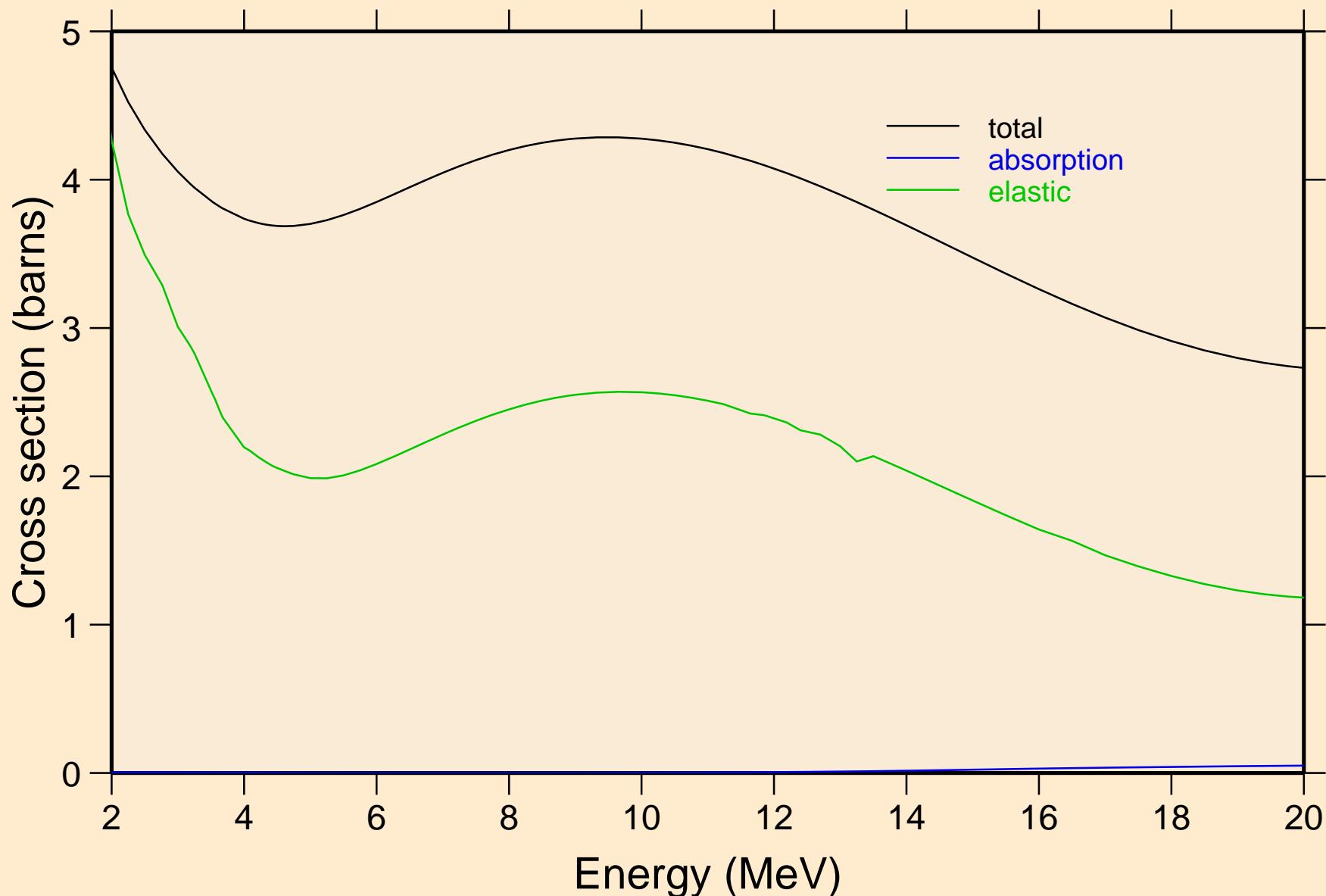


ENDF/B-VII SR-88  
Non-threshold reactions

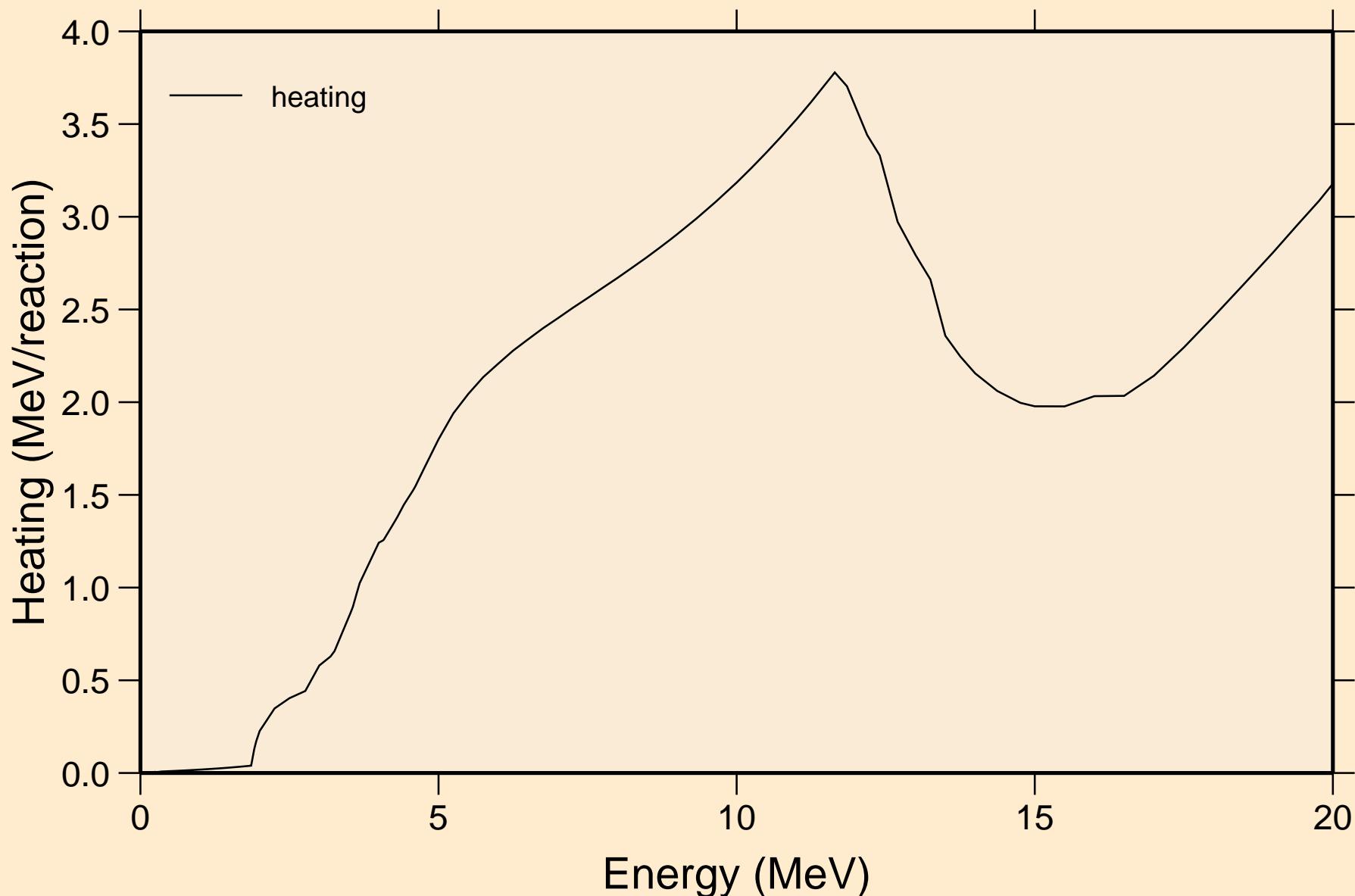


# ENDF/B-VII SR-88

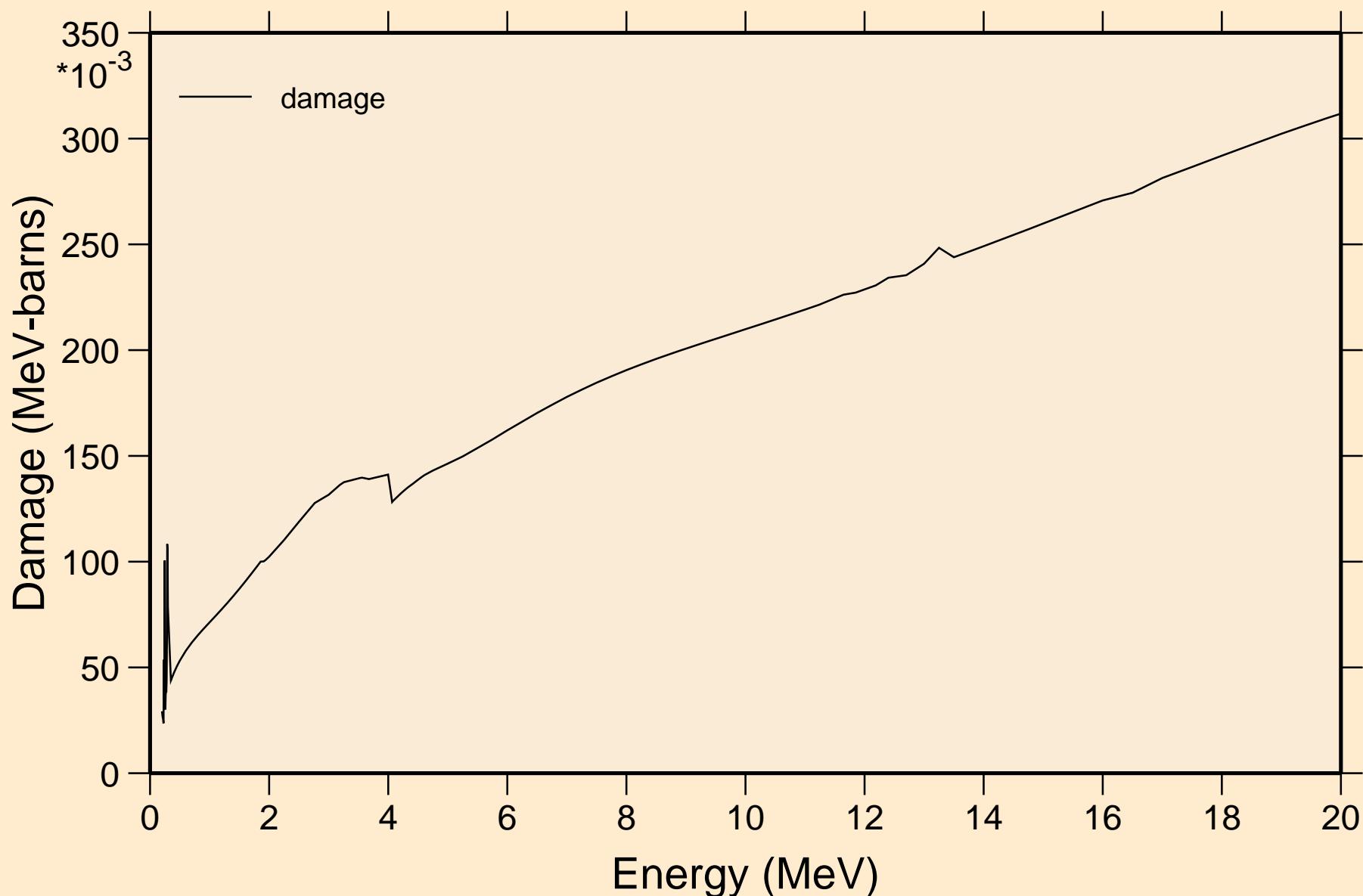
## Principal cross sections



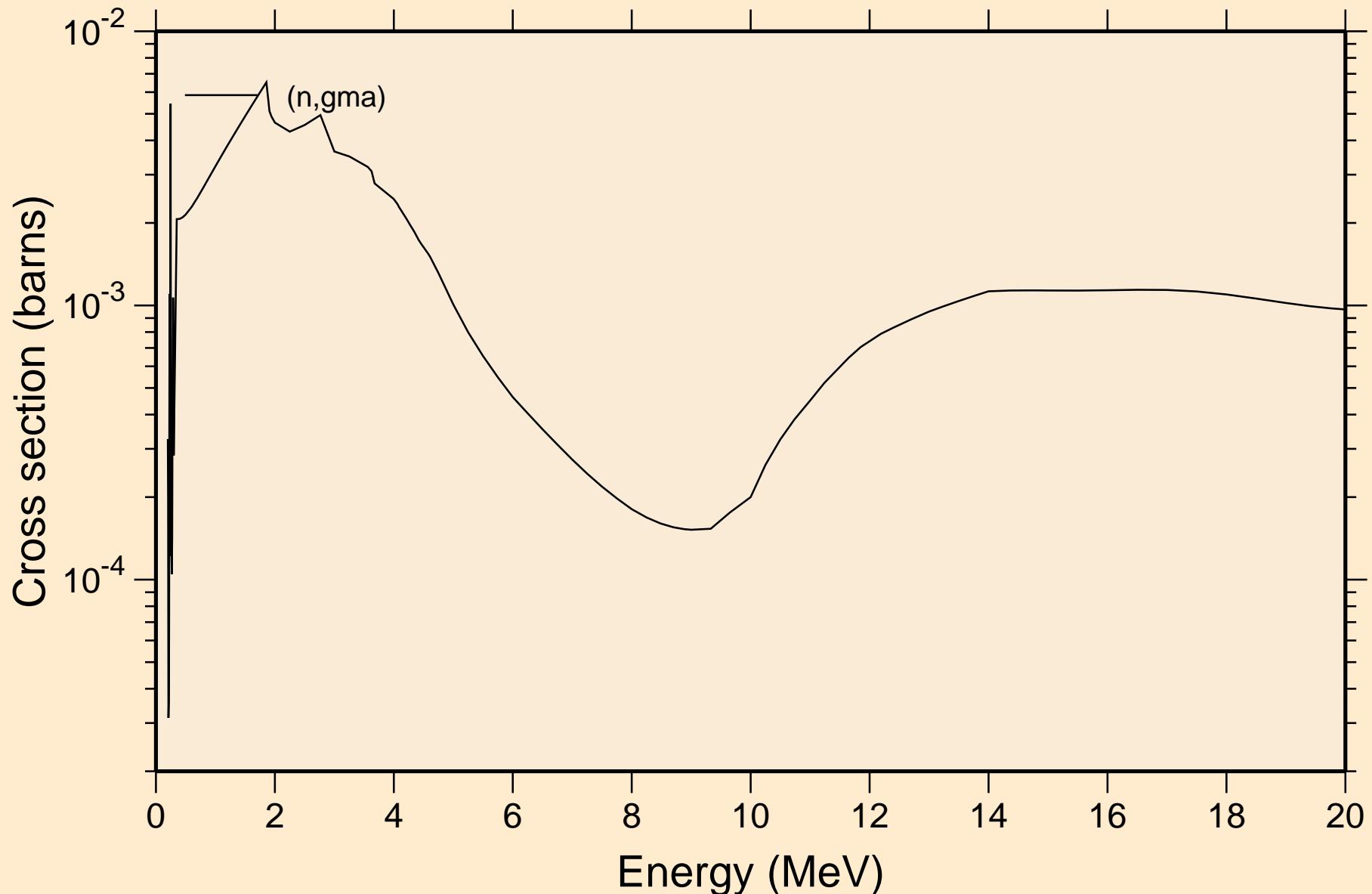
ENDF/B-VII SR-88  
Heating



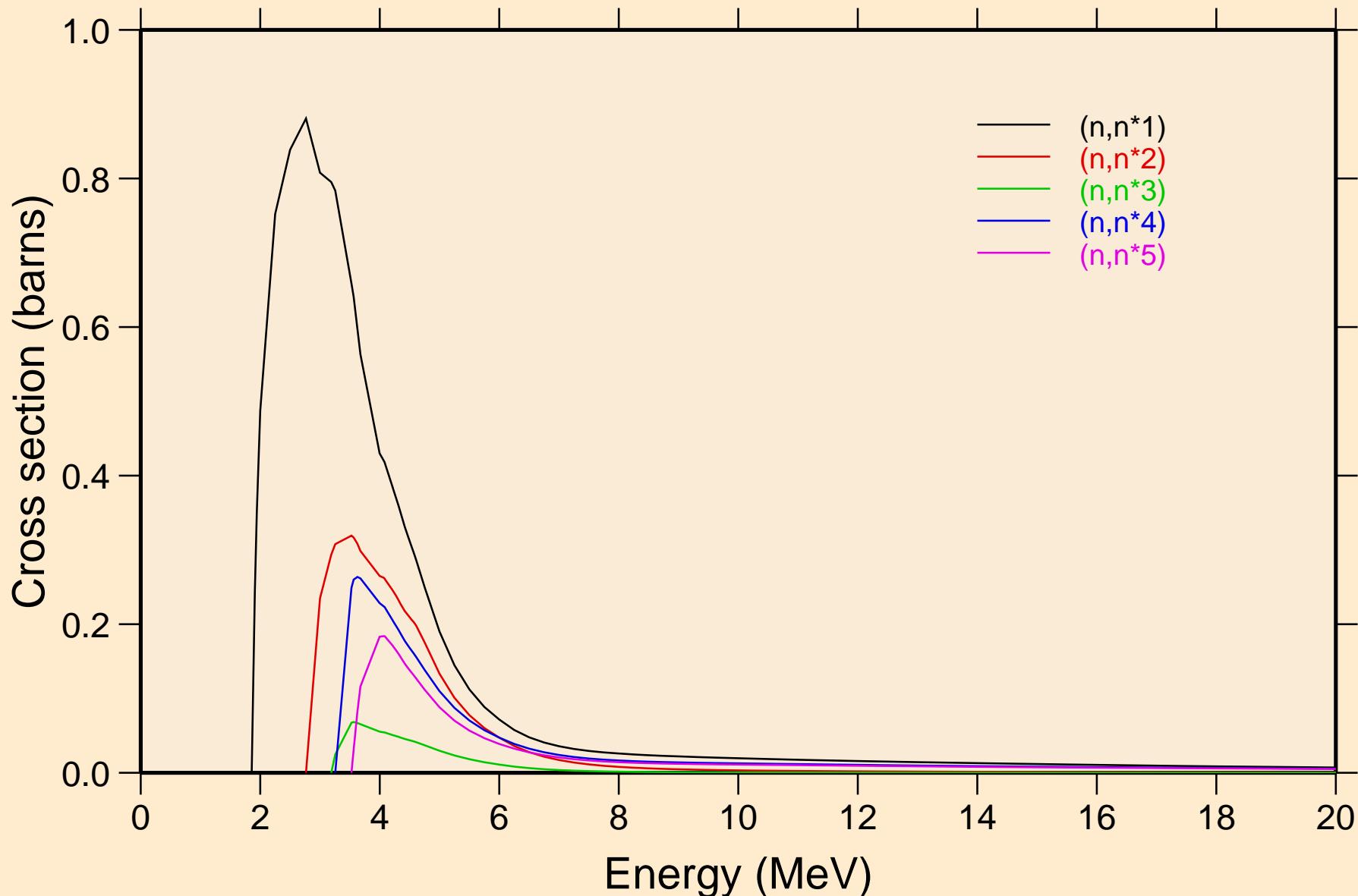
ENDF/B-VII SR-88  
Damage



ENDF/B-VII SR-88  
Non-threshold reactions

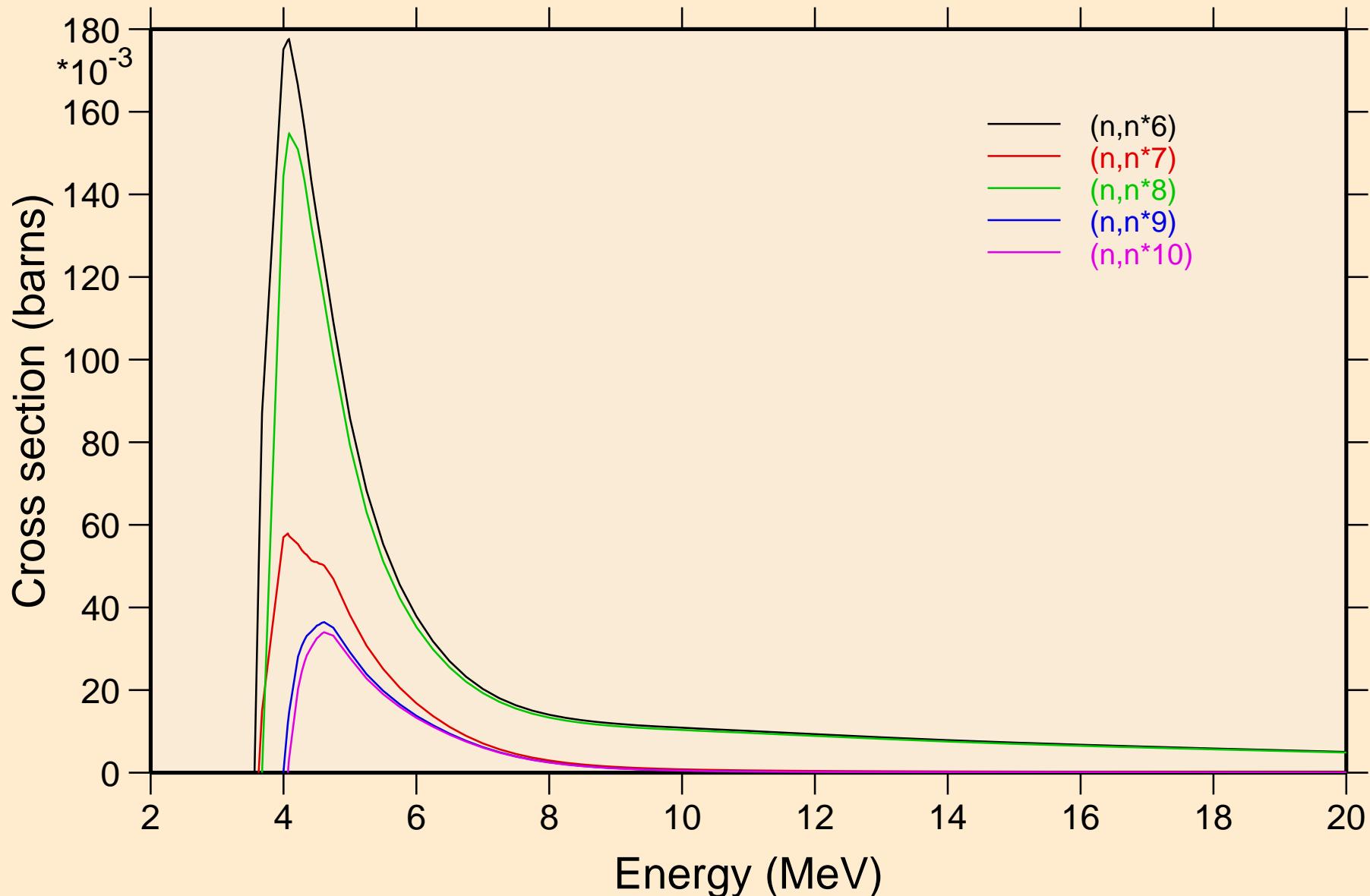


ENDF/B-VII SR-88  
Inelastic levels



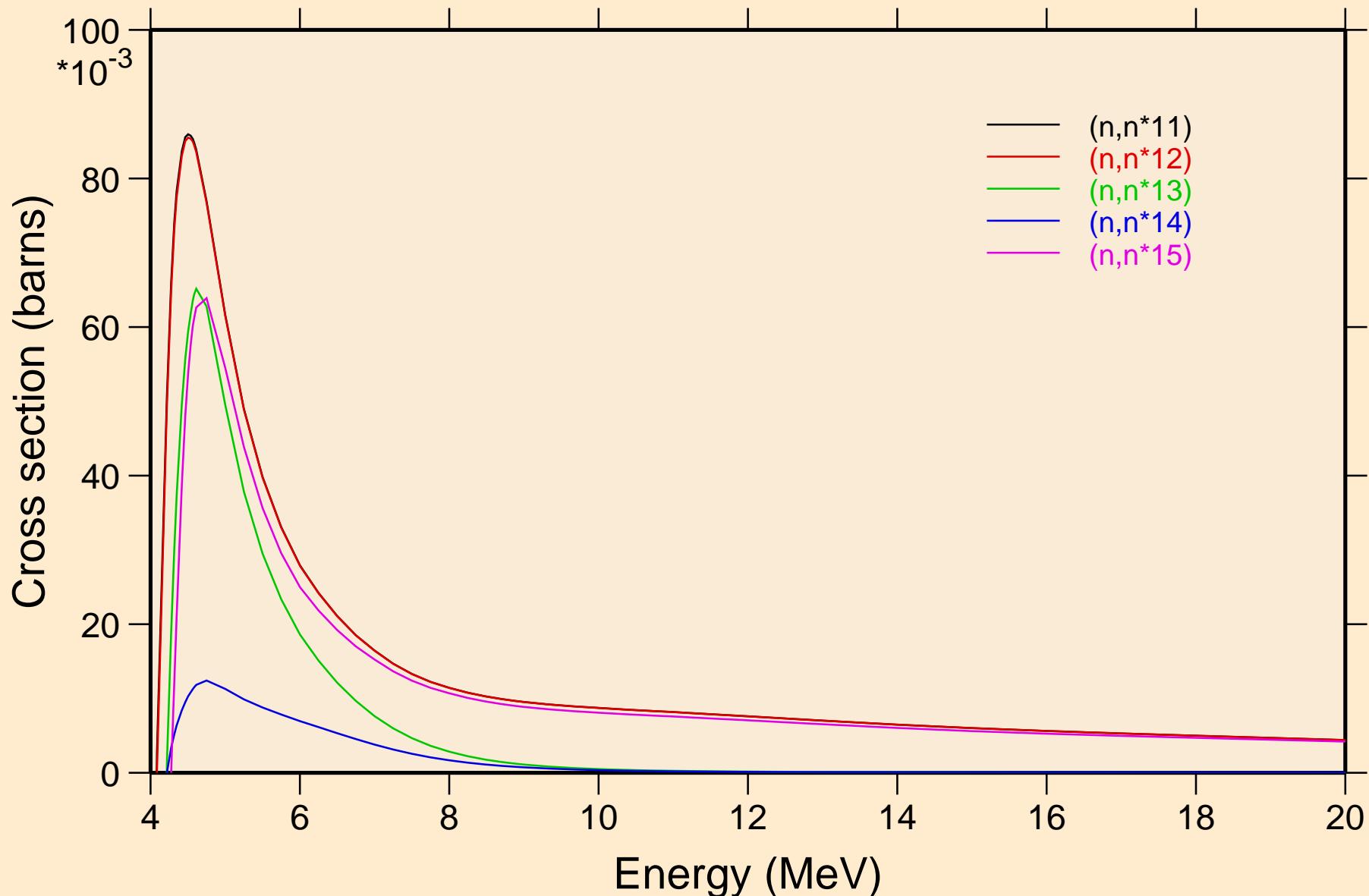
# ENDF/B-VII SR-88

## Inelastic levels



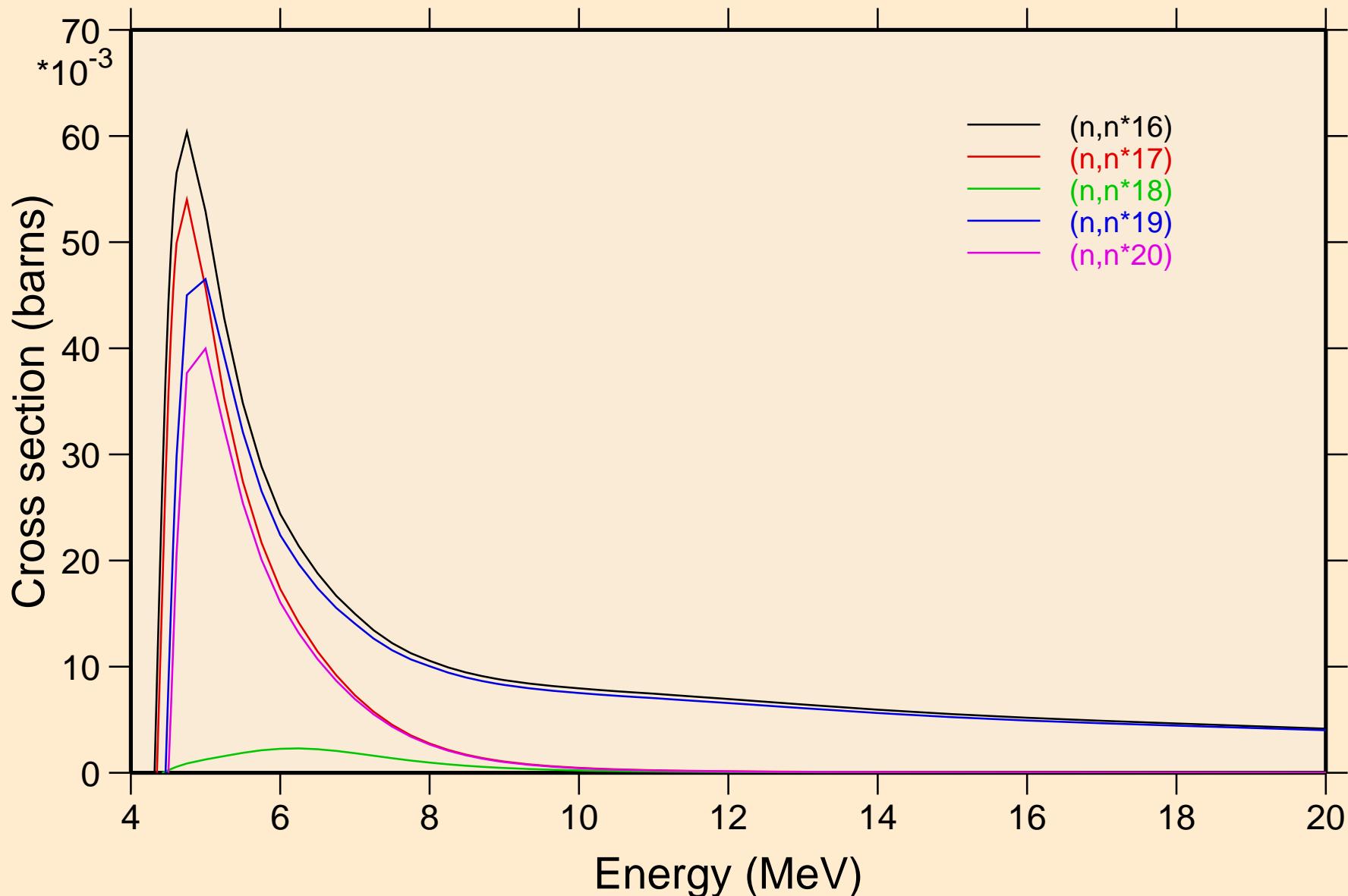
# ENDF/B-VII SR-88

## Inelastic levels

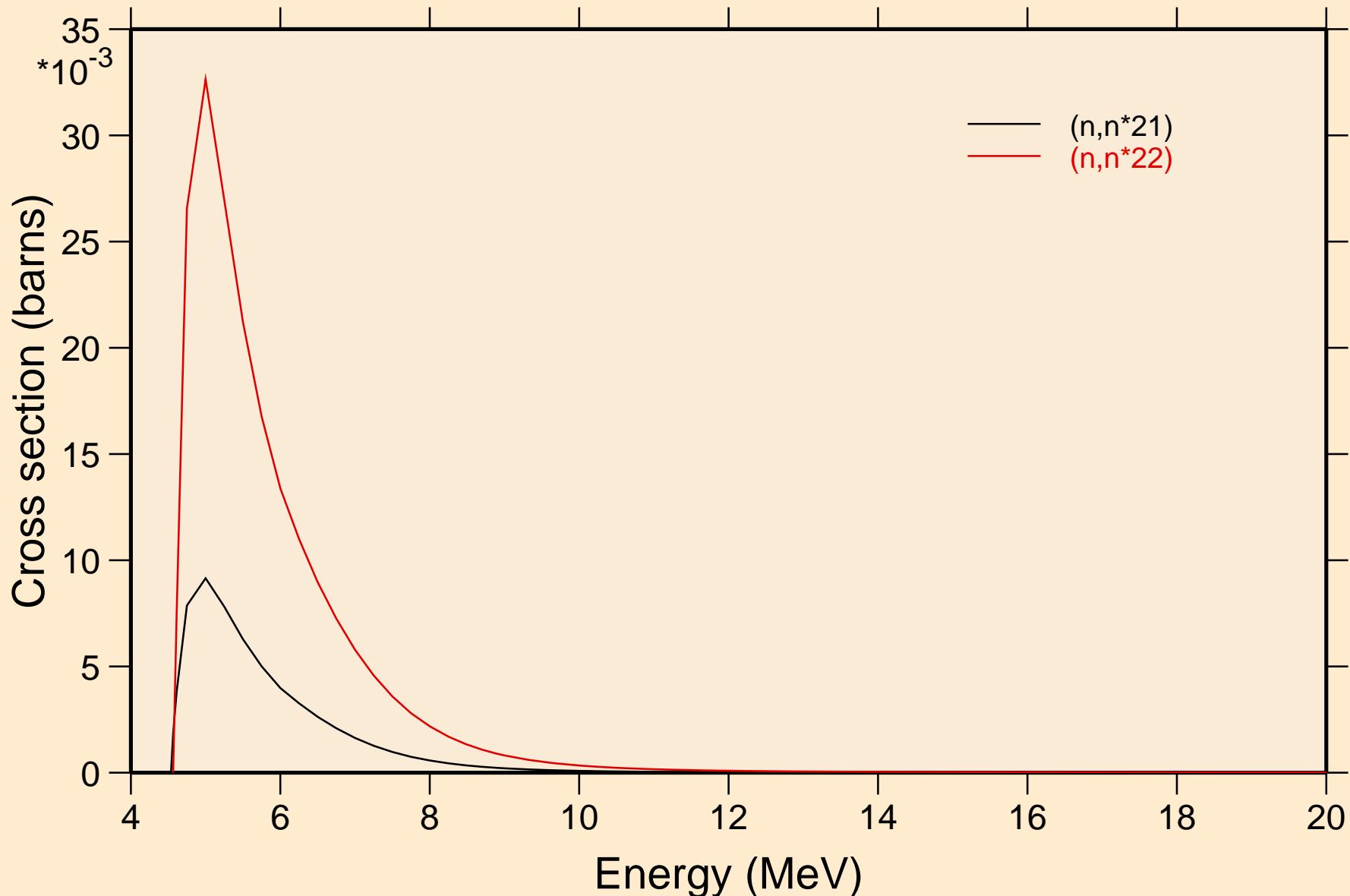


# ENDF/B-VII SR-88

## Inelastic levels

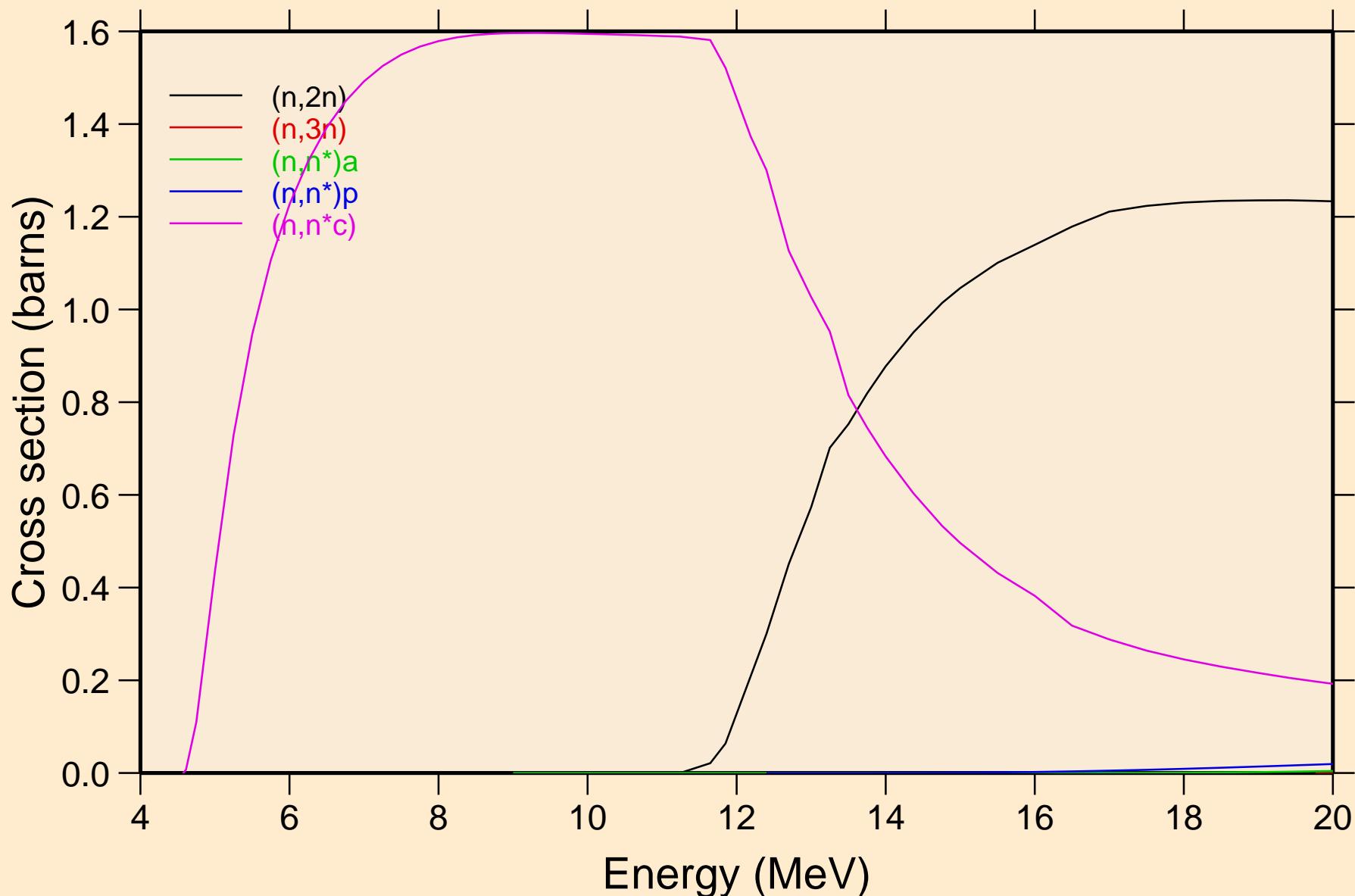


ENDF/B-VII SR-88  
Inelastic levels



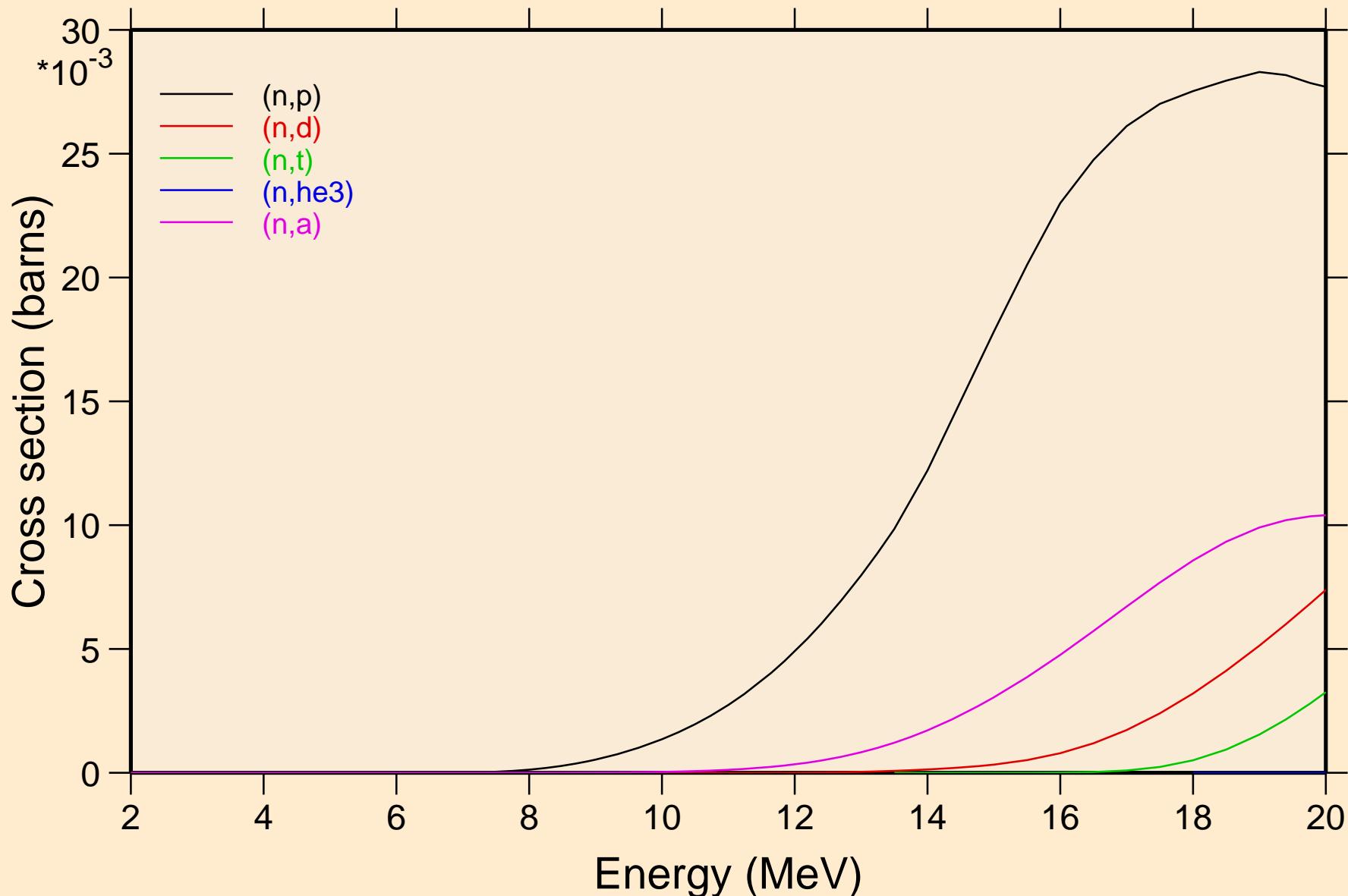
# ENDF/B-VII SR-88

## Threshold reactions



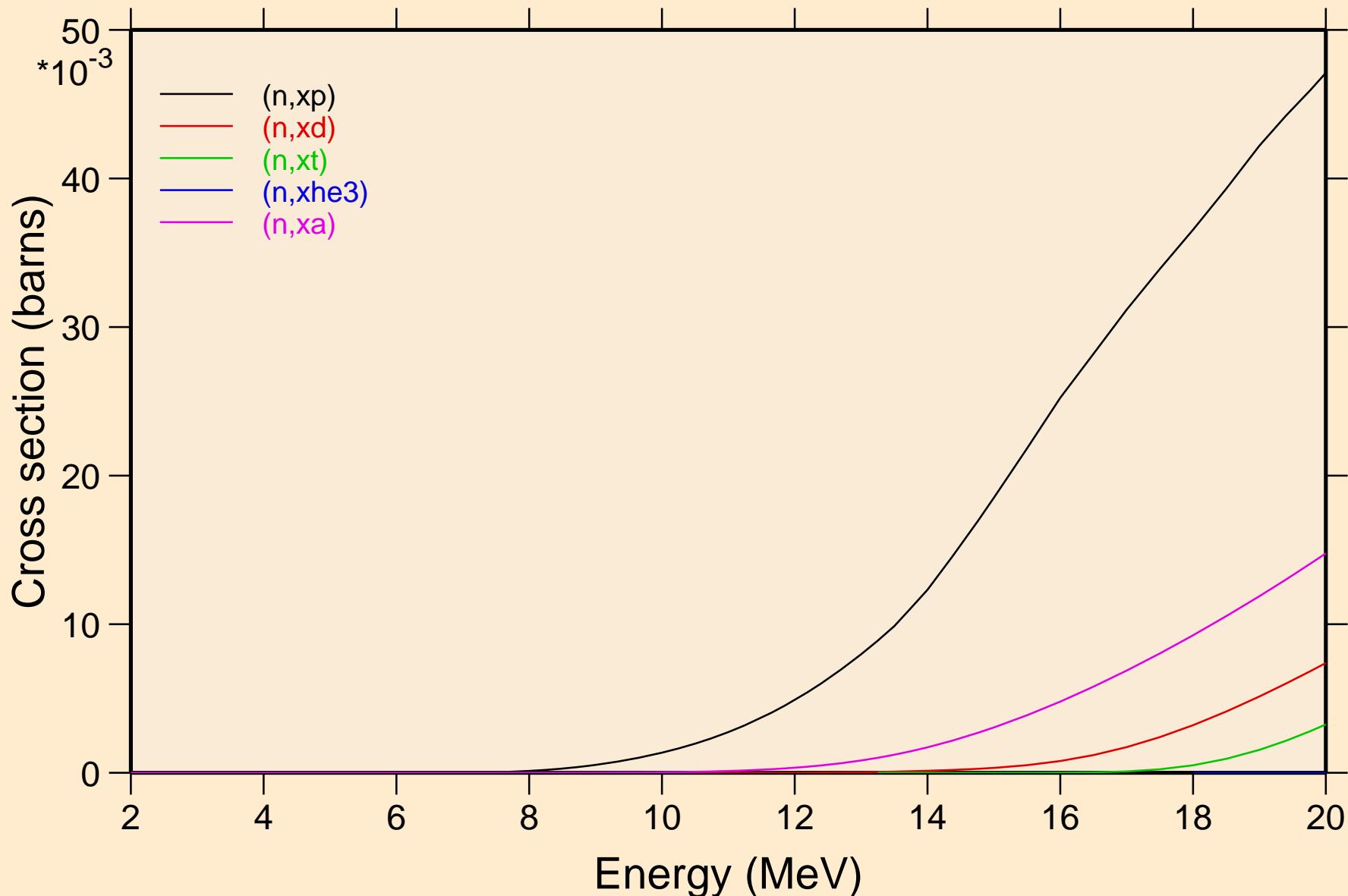
# ENDF/B-VII SR-88

## Threshold reactions



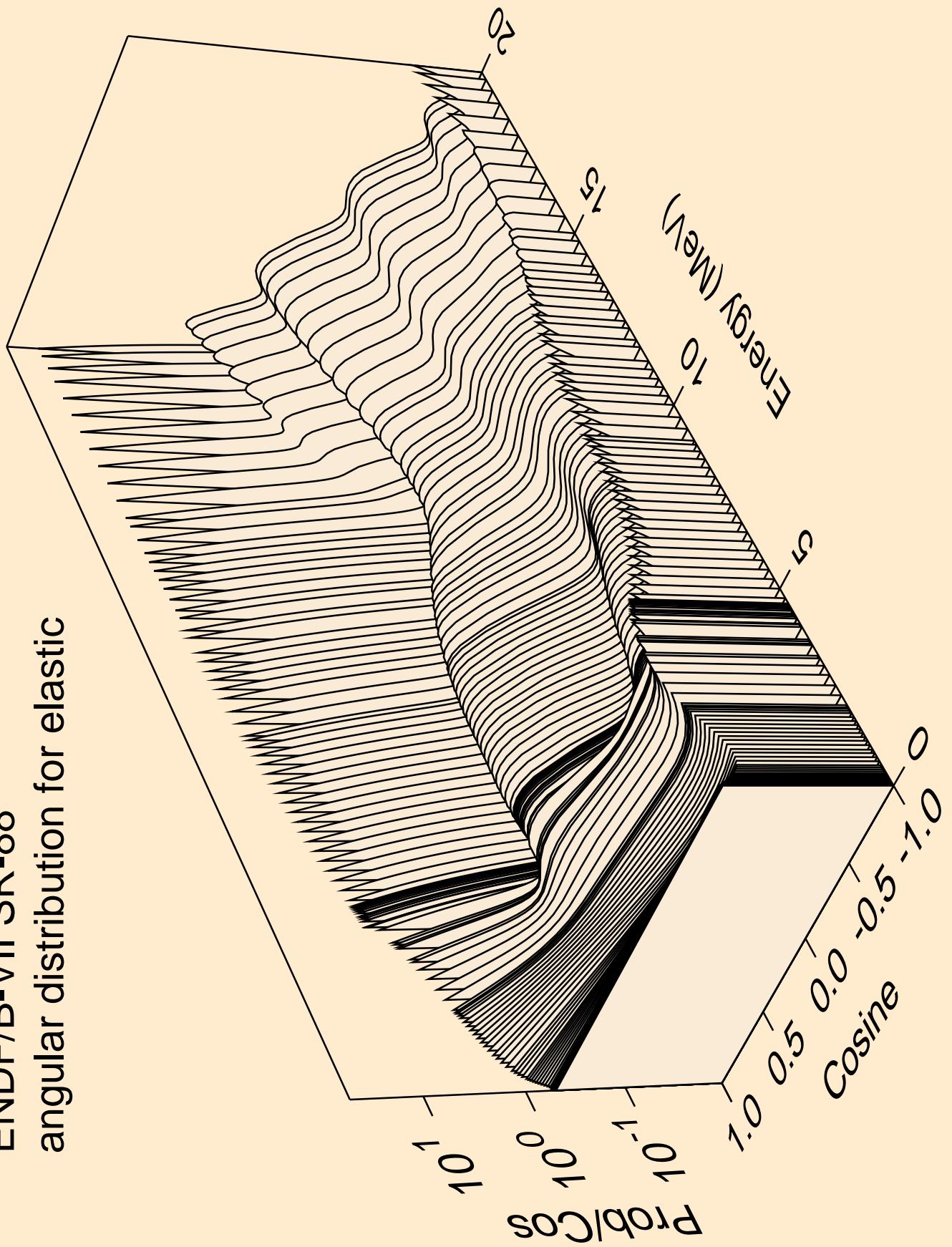
# ENDF/B-VII SR-88

## Threshold reactions

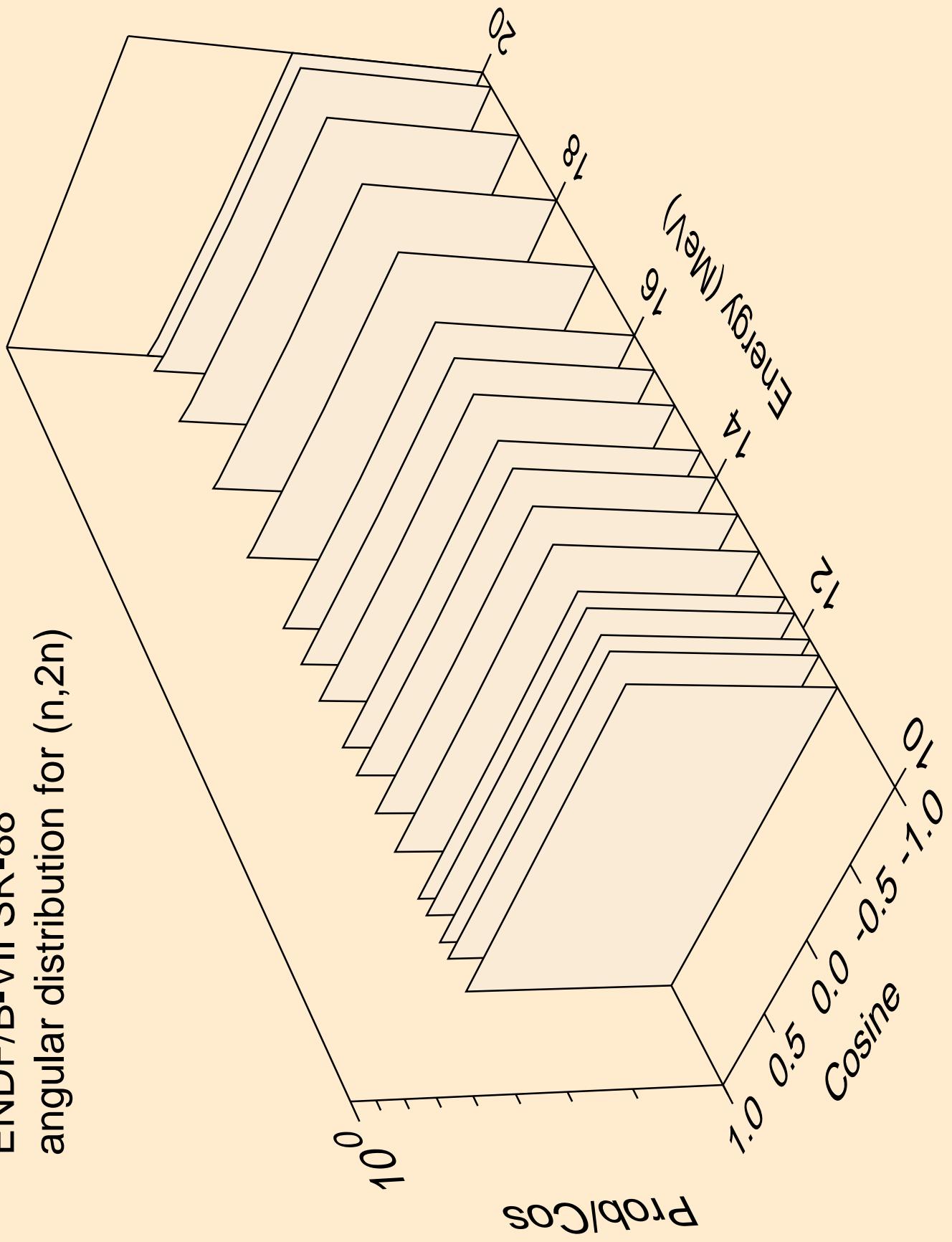


ENDF/B-VII SR-88

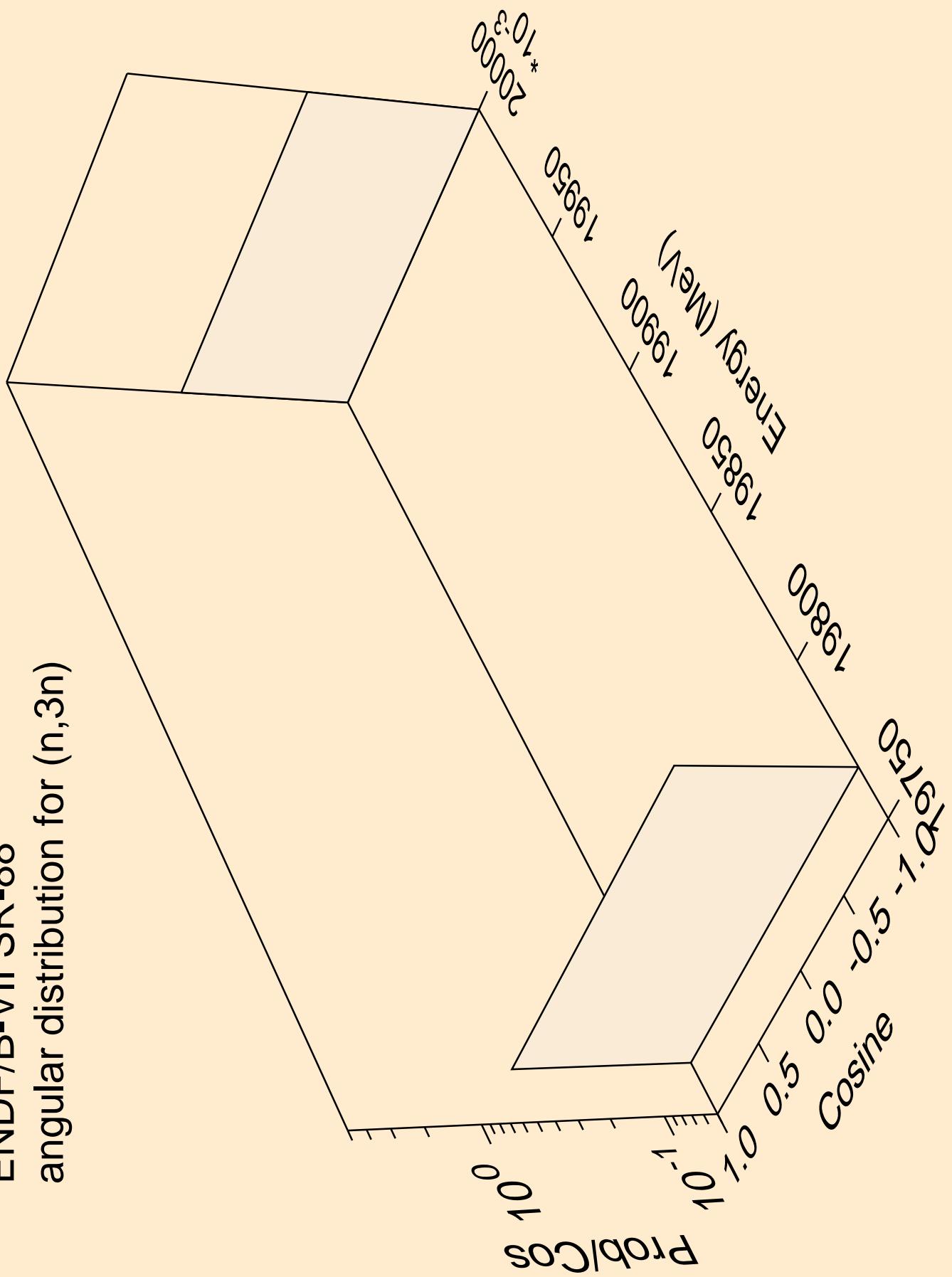
angular distribution for elastic



ENDF/B-VII SR-88  
angular distribution for (n,2n)

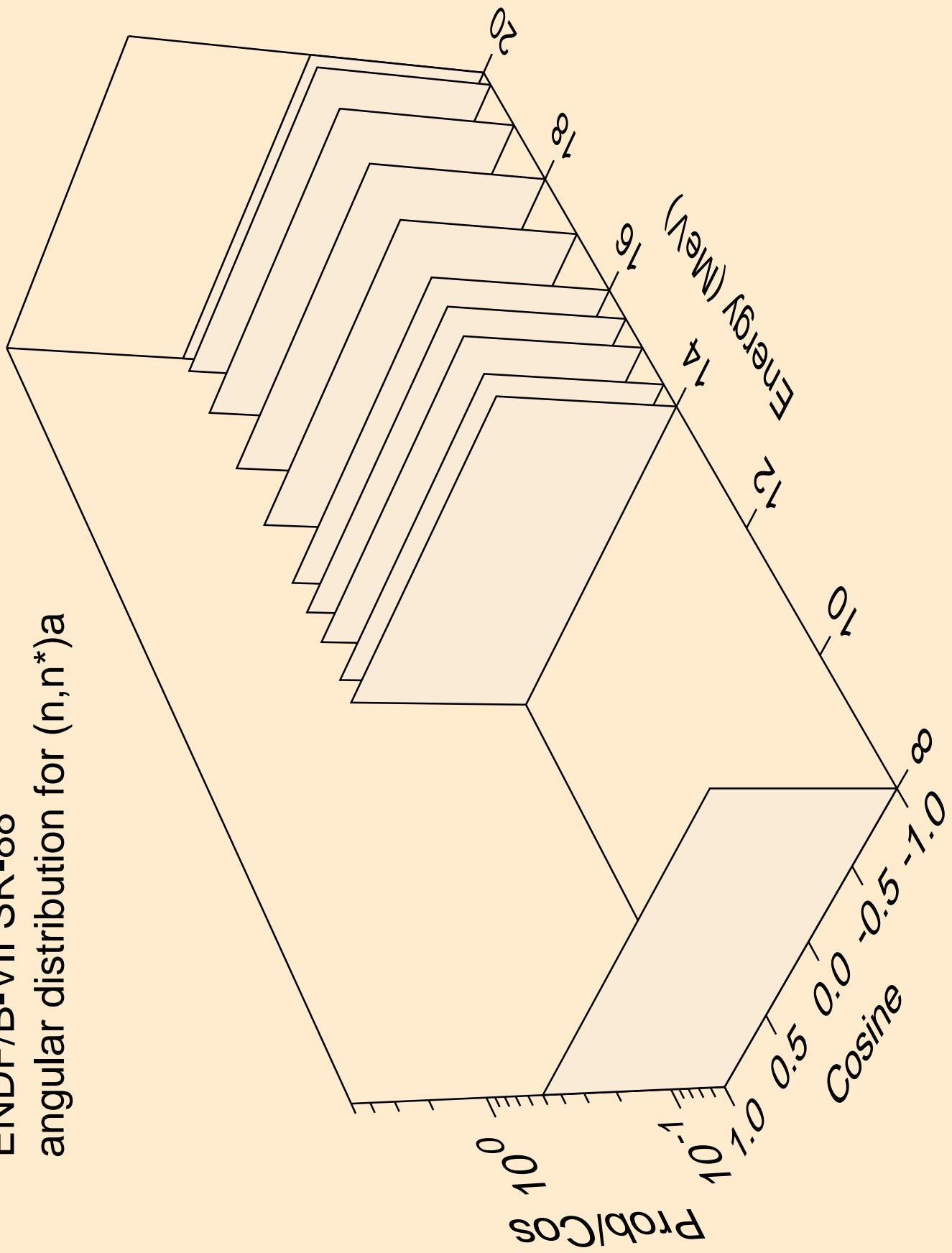


ENDF/B-VII SR-88  
angular distribution for (n,3n)



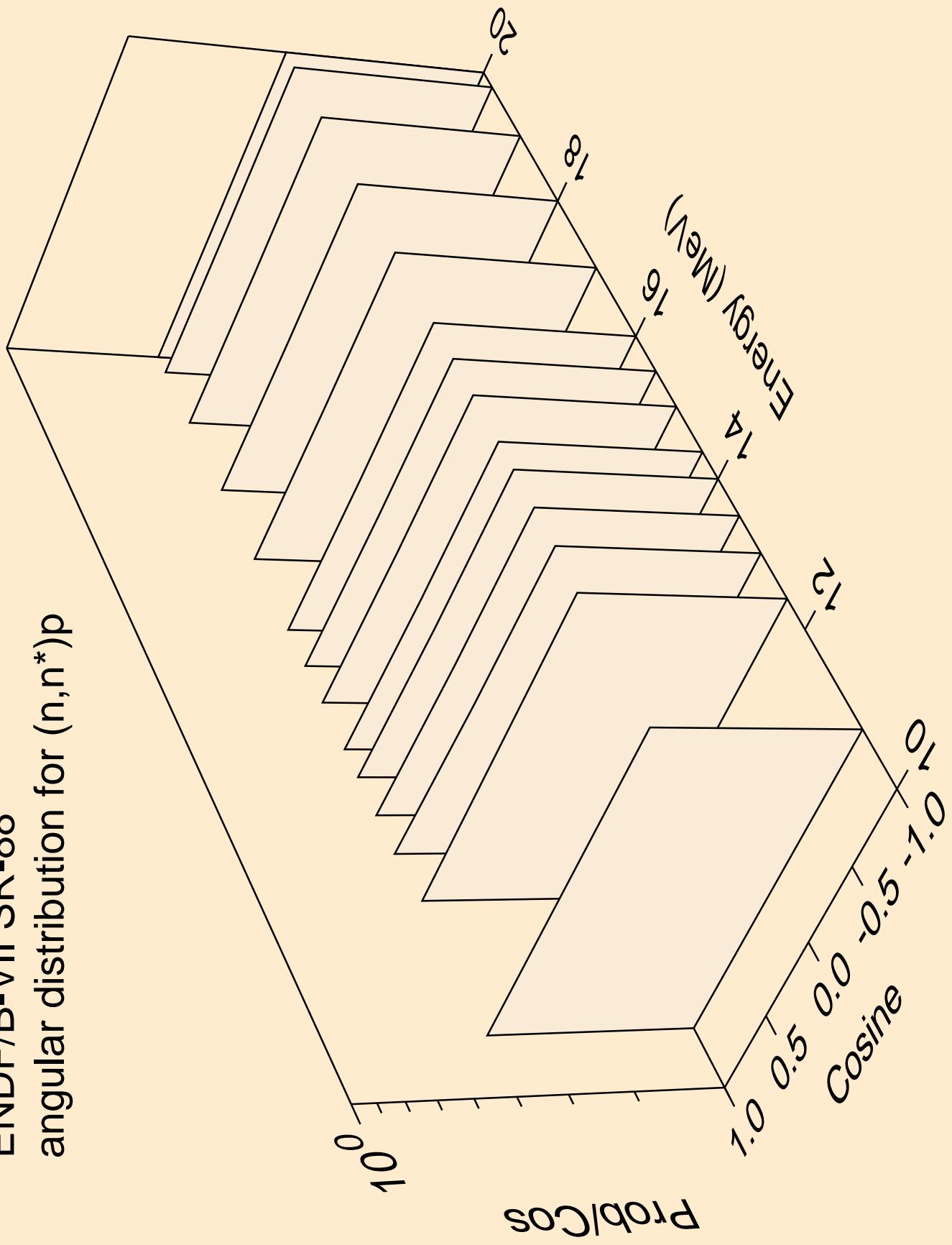
ENDF/B-VII SR-88

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



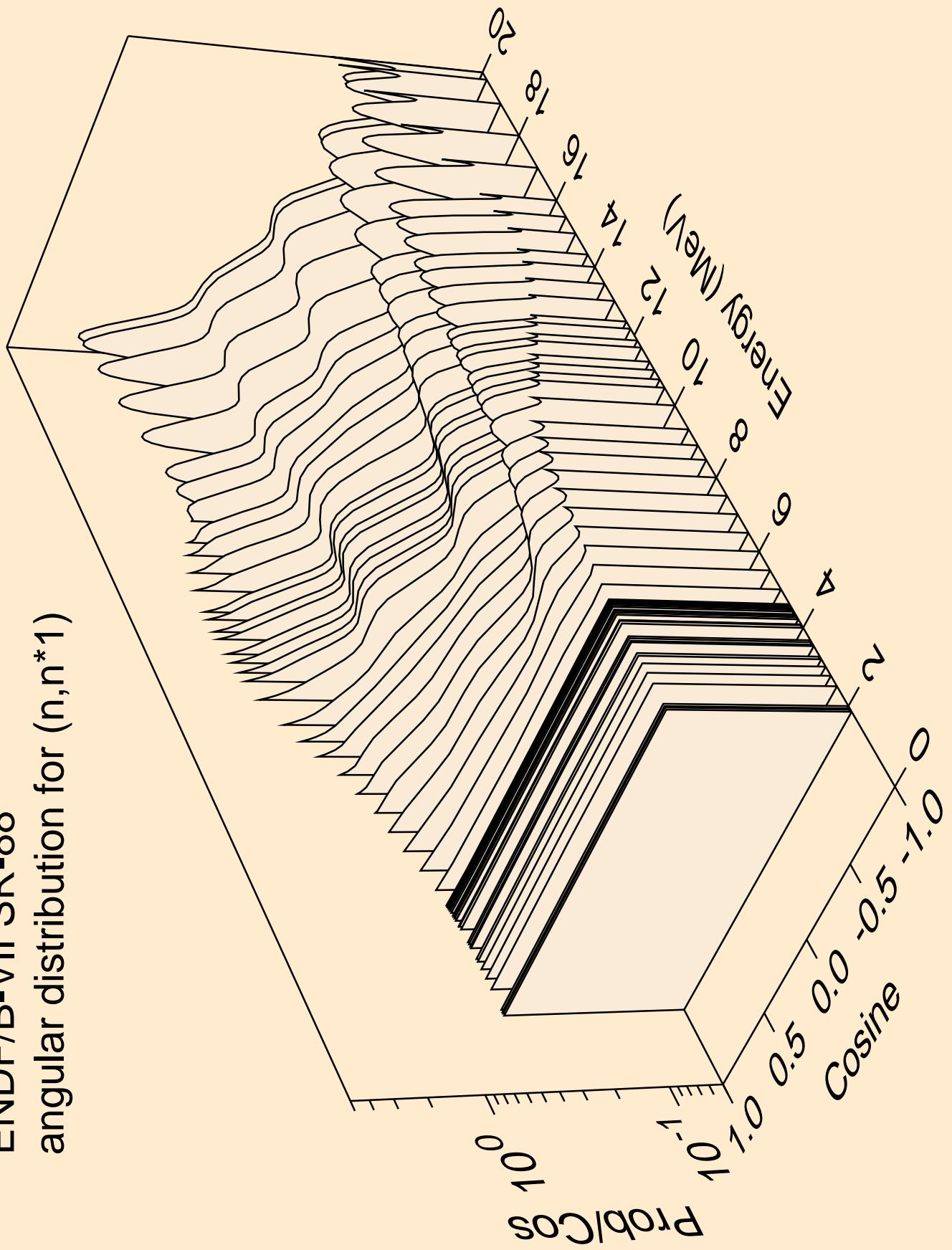
ENDF/B-VII SR-88

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



ENDF/B-VII SR-88

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



ENDF/B-VII SR-88

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

$10^0$

Prob/Cos

1.0  
0.5  
0.0

1.0  
0.5  
0.0  
Cosine

Energy (MeV)

20  
18  
16  
14  
12  
10  
8  
6  
4

ENDF/B-VII SR-88

angular distribution for (n,n\*3)

$10^0$

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

Cosine

0.5 -1.0

Energy (MeV)

10

20

30

40

50

60

70

80

90

20

18

16

14

12

10

8

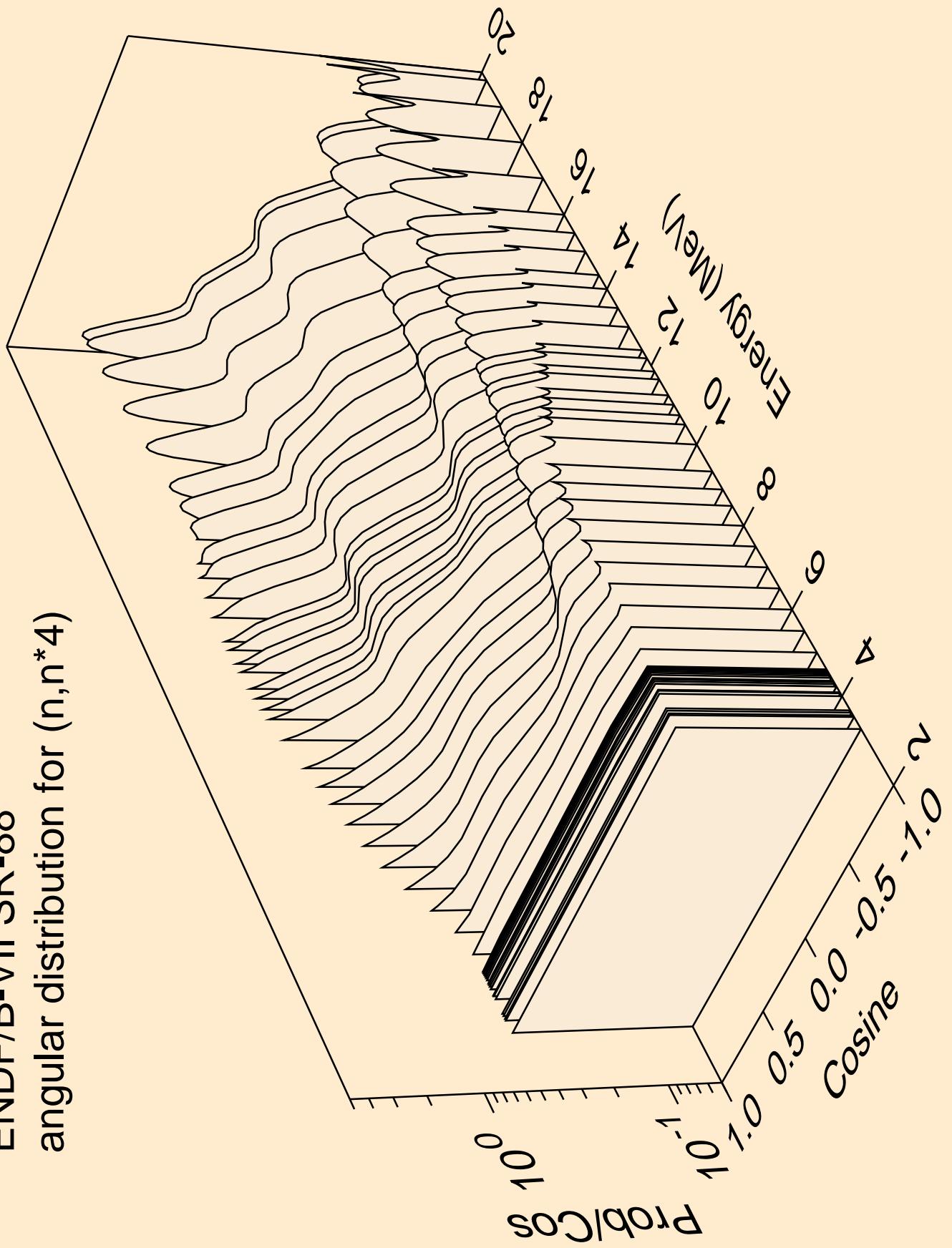
6

4

2

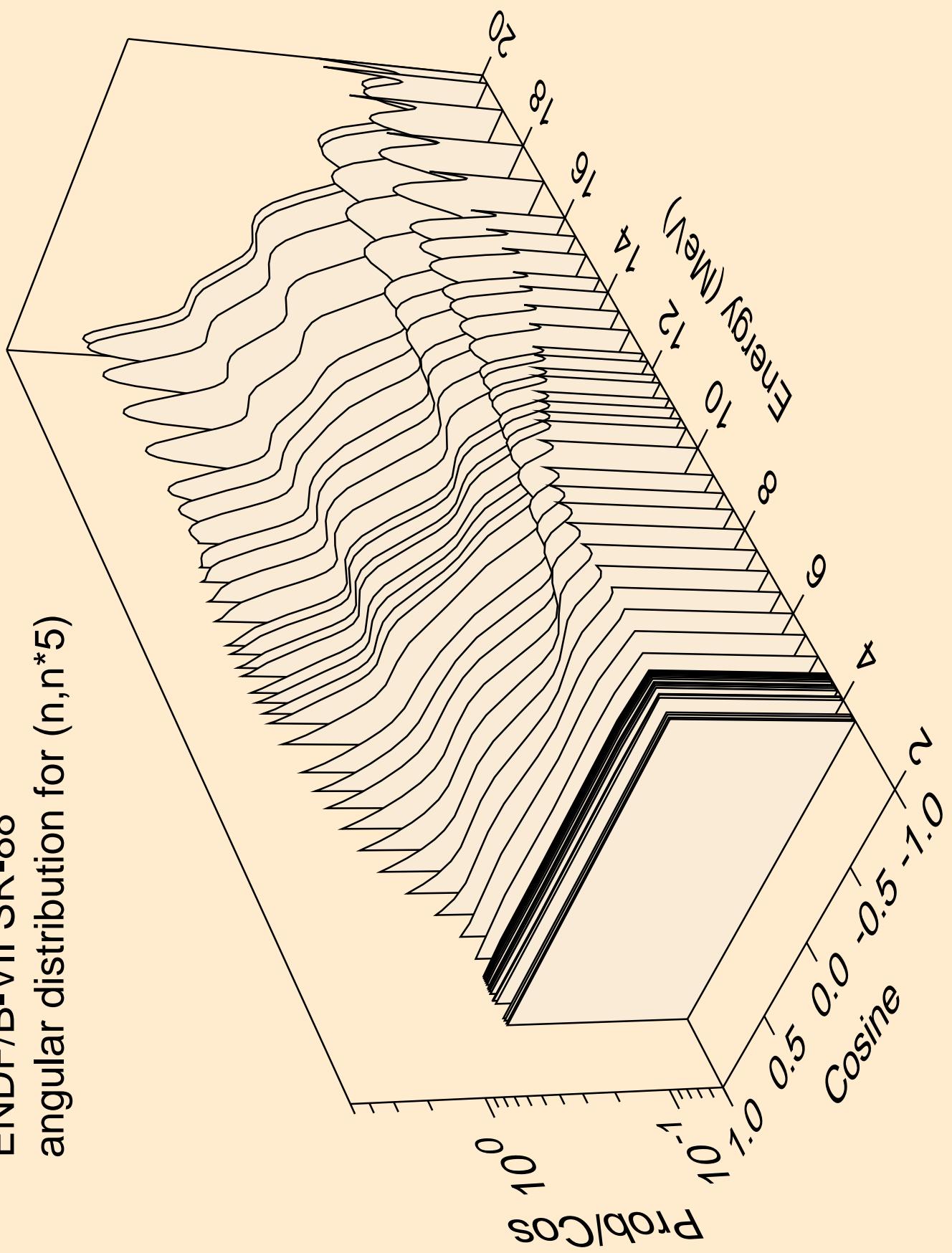
0

ENDF/B-VII SR-88  
angular distribution for  $(n,n^*4)$

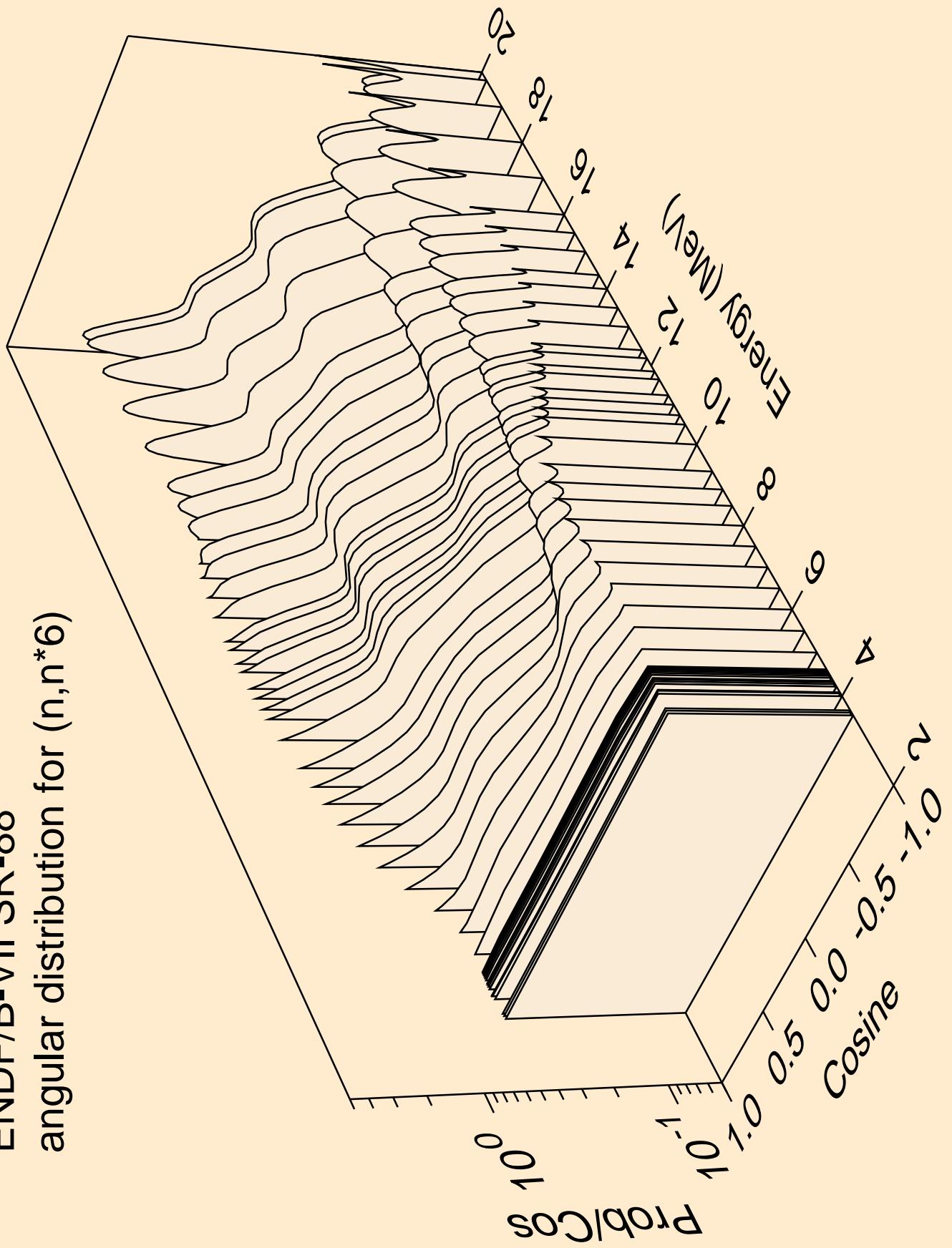


ENDF/B-VII SR-88

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



ENDF/B-VII SR-88  
angular distribution for (n,n\*6)



ENDF/B-VII SR-88

angular distribution for (n,n\*7)

$10^0$

Prob/Cos

1.0

0.5

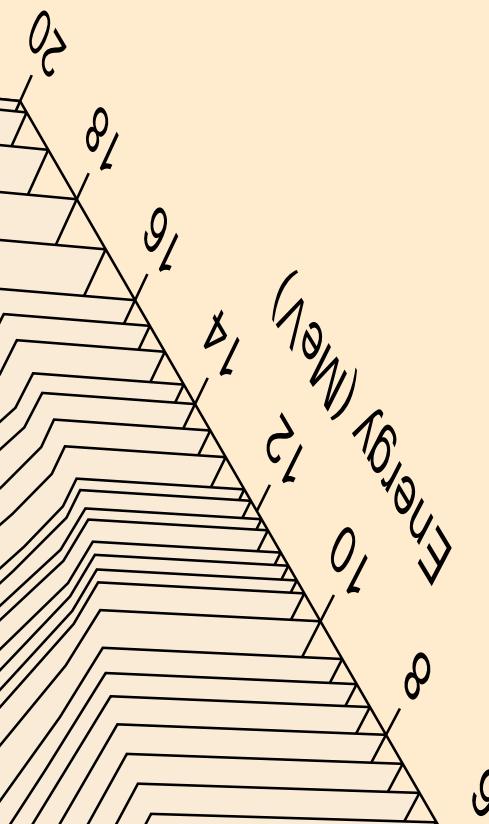
0.0

-0.5

-1.0

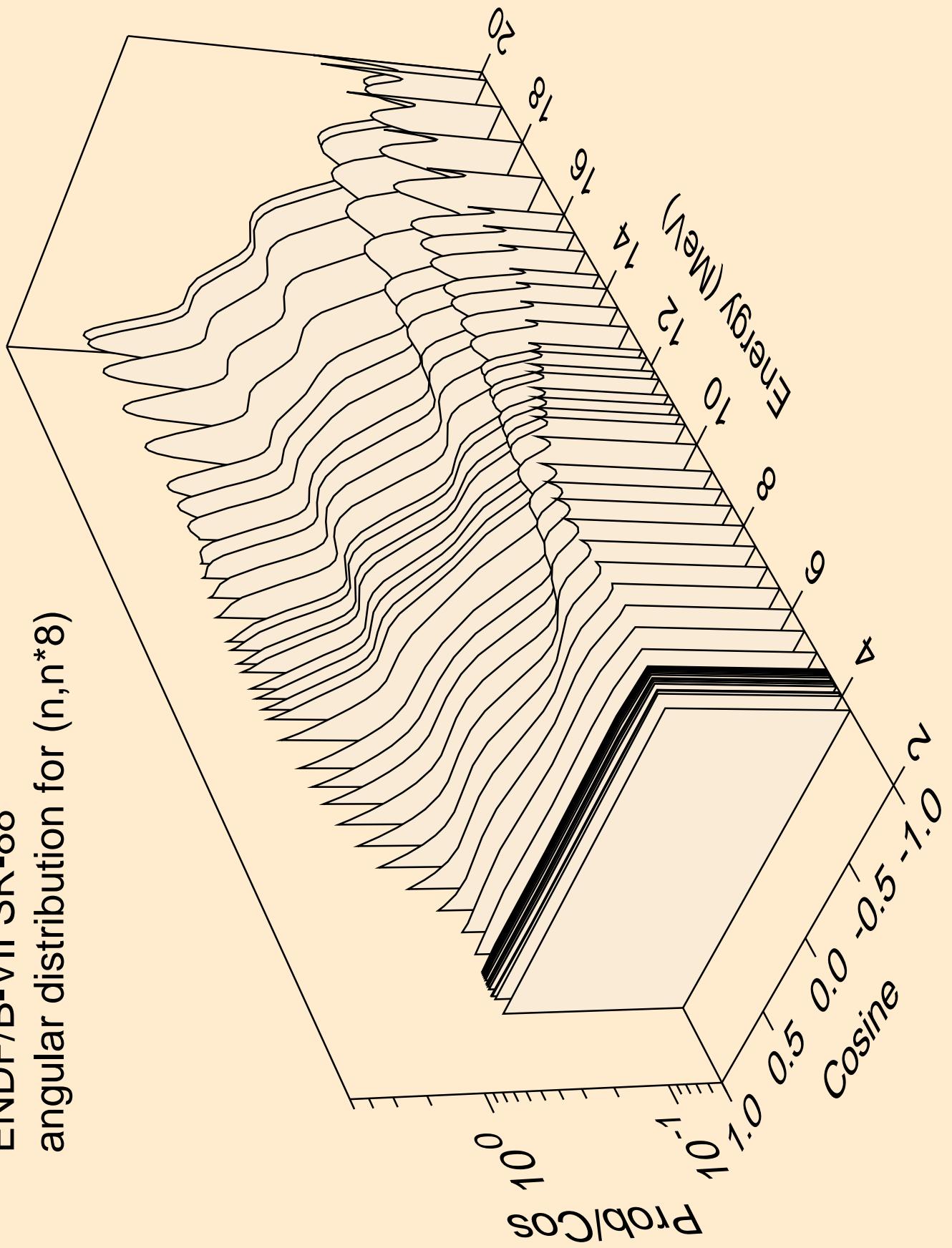
Cosine

0.5 -1.0



ENDF/B-VII SR-88

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



ENDF/B-VII SR-88

angular distribution for (n,n\*9)

$10^0$

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

Cosine

0.5 -1.0

Energy (MeV)

10

2

4

6

8

10

12

14

16

18

20

ENDF/B-VII SR-88

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

$10^0$

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

Cosine

Energ $\gamma$  (MeV)

10

8

6

4

2

0

20

18

16

14

12

10

8

6

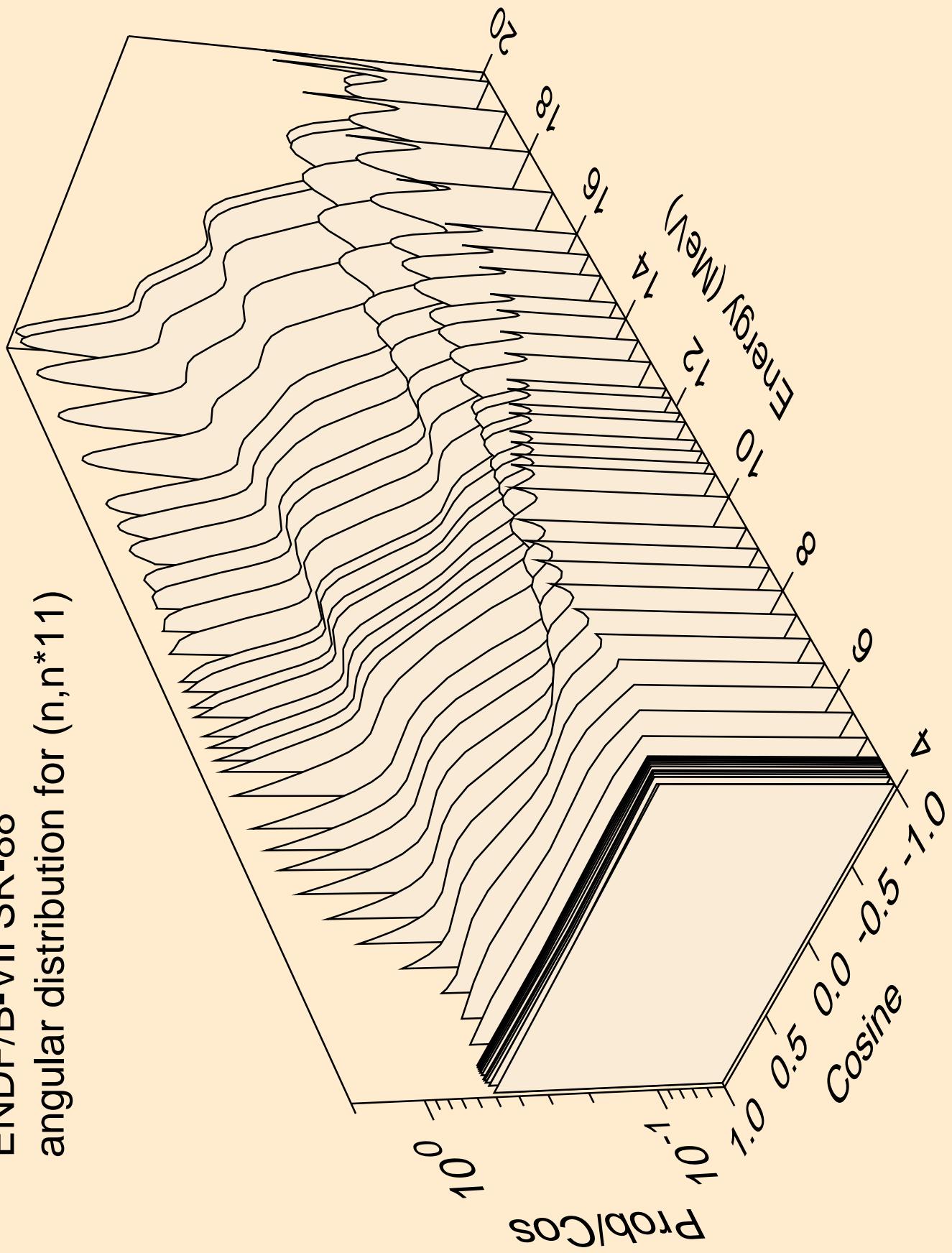
4

2

0

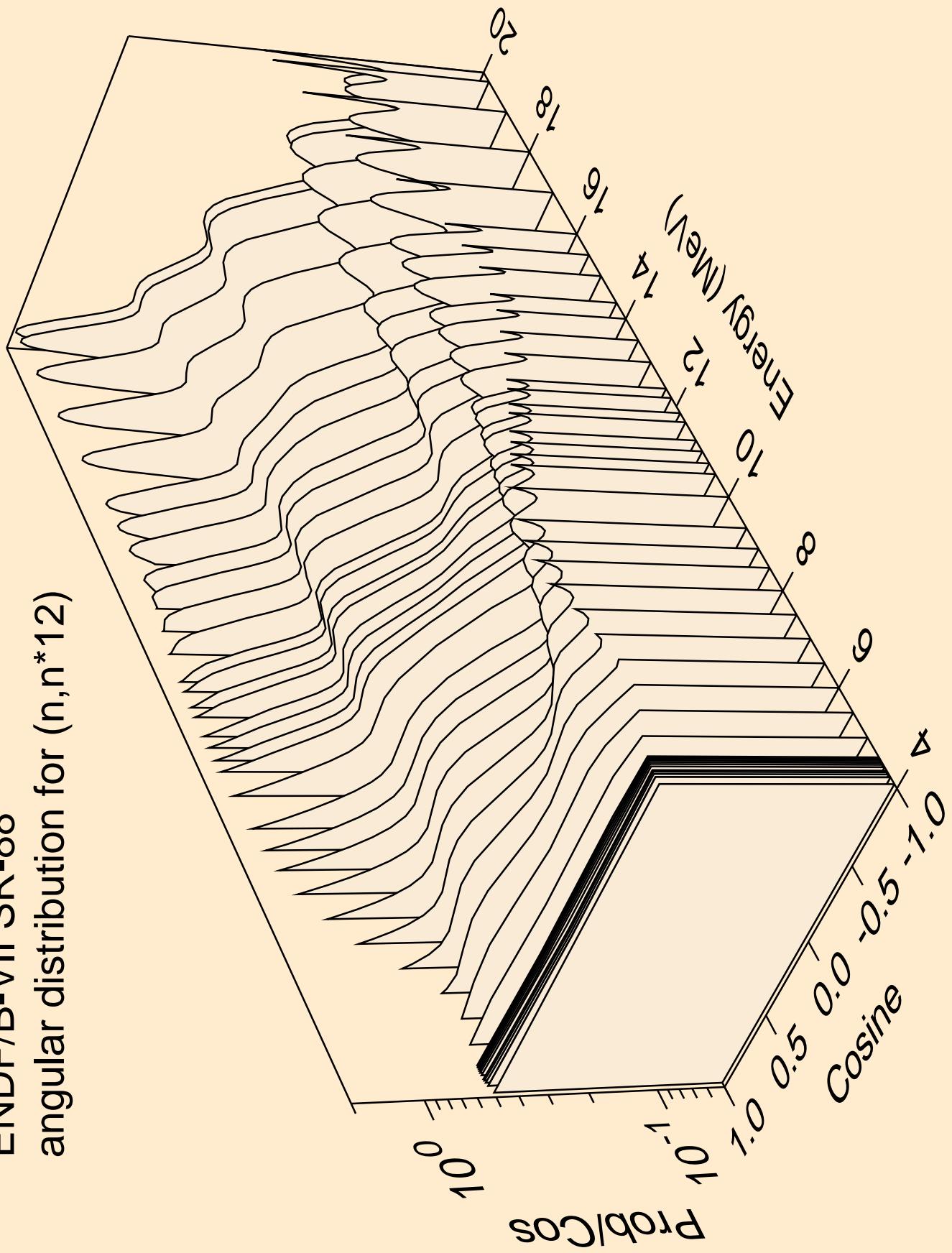
ENDF/B-VII SR-88

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



ENDF/B-VII SR-88

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



ENDF/B-VII SR-88

angular distribution for (n,n\*13)

$10^0$

Prob/Cos

1.0

0.5

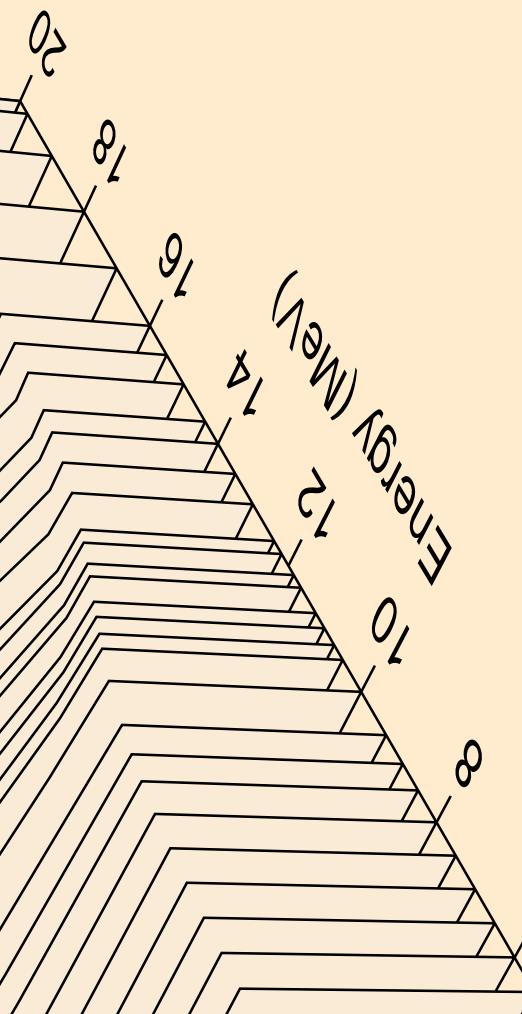
0.0

-0.5

-1.0

Cosine

Energy (MeV)



ENDF/B-VII SR-88

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

$10^0$

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

Cosine

0

8

10

12

14

16

18

20

22

24

26

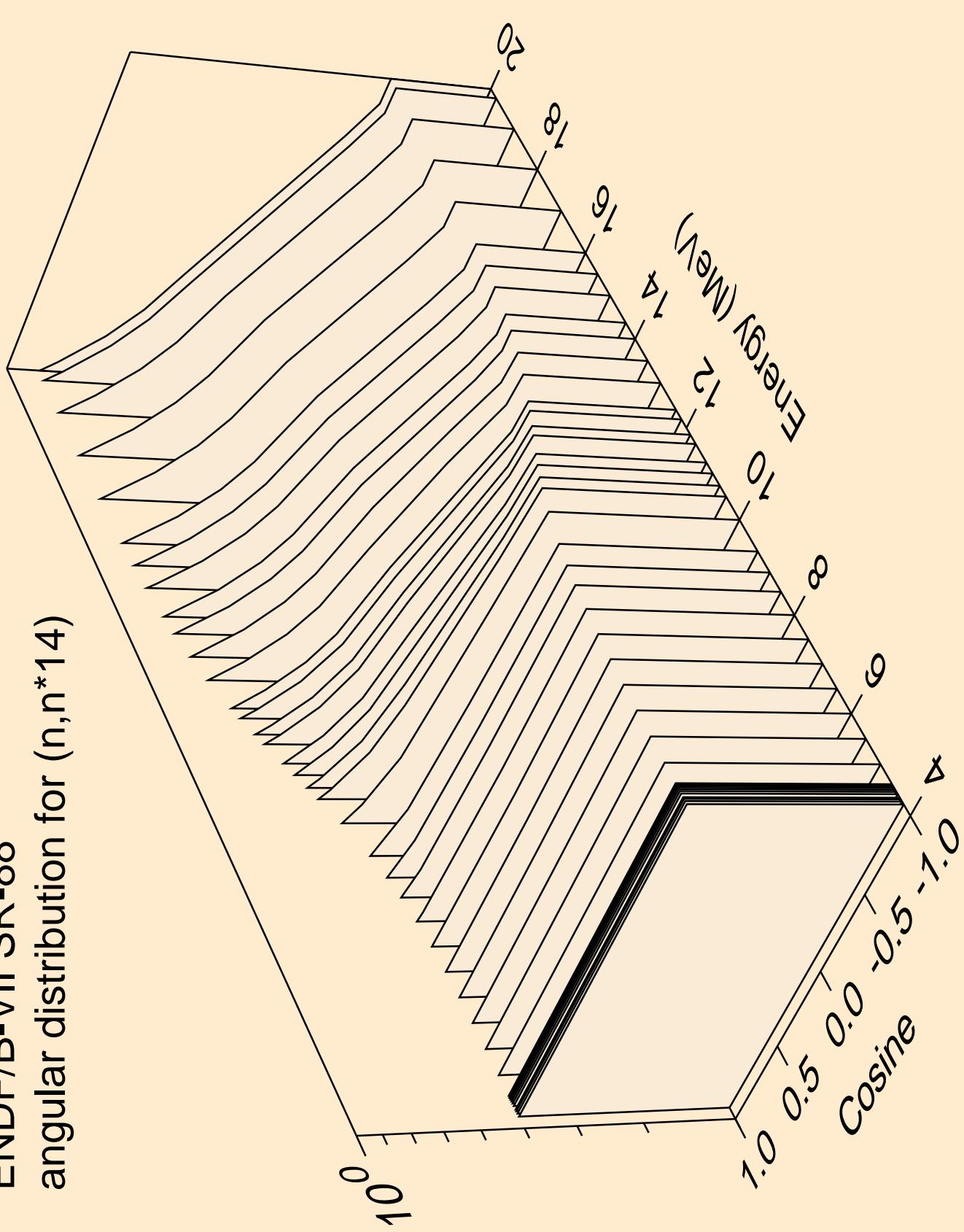
28

30

32

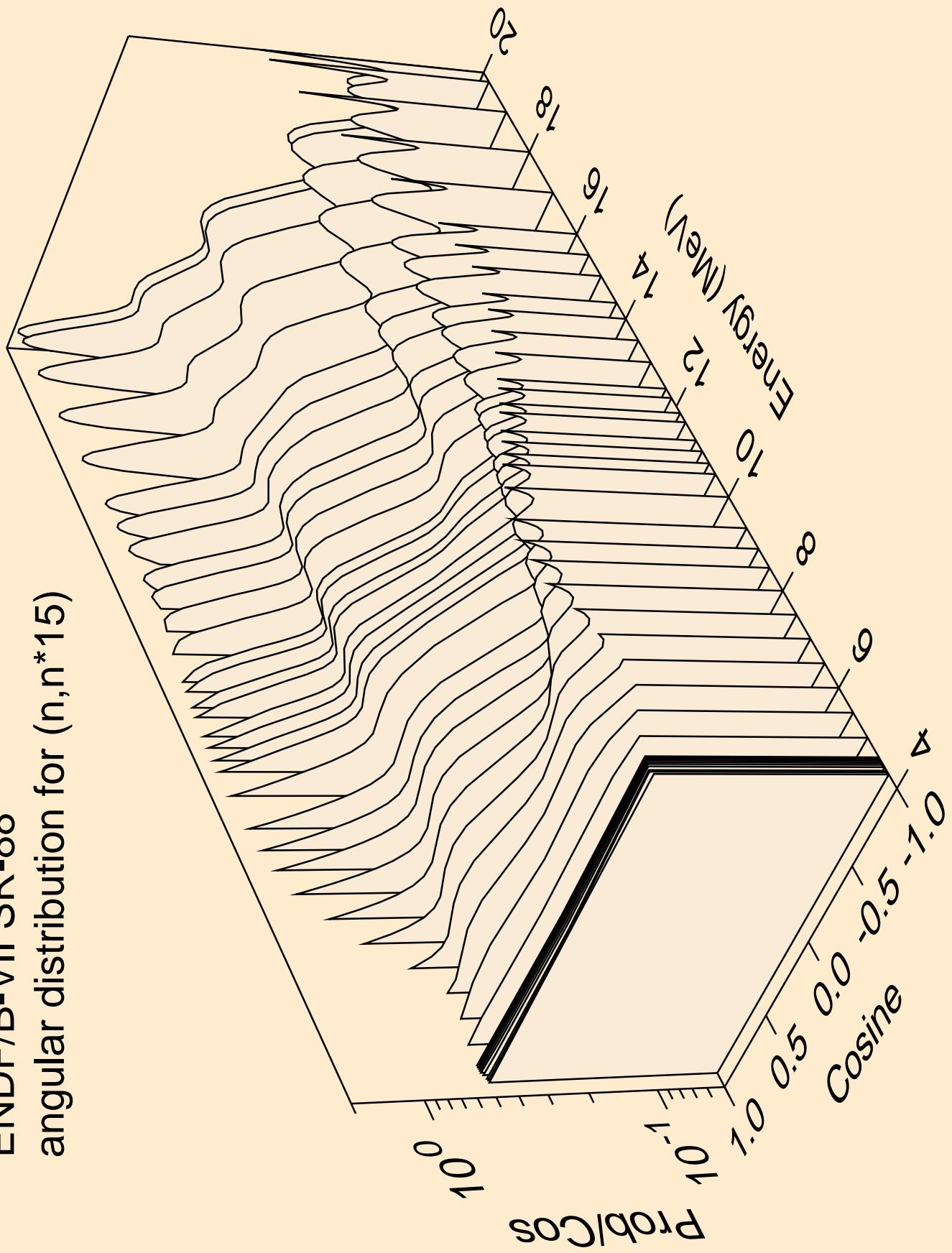
34

36



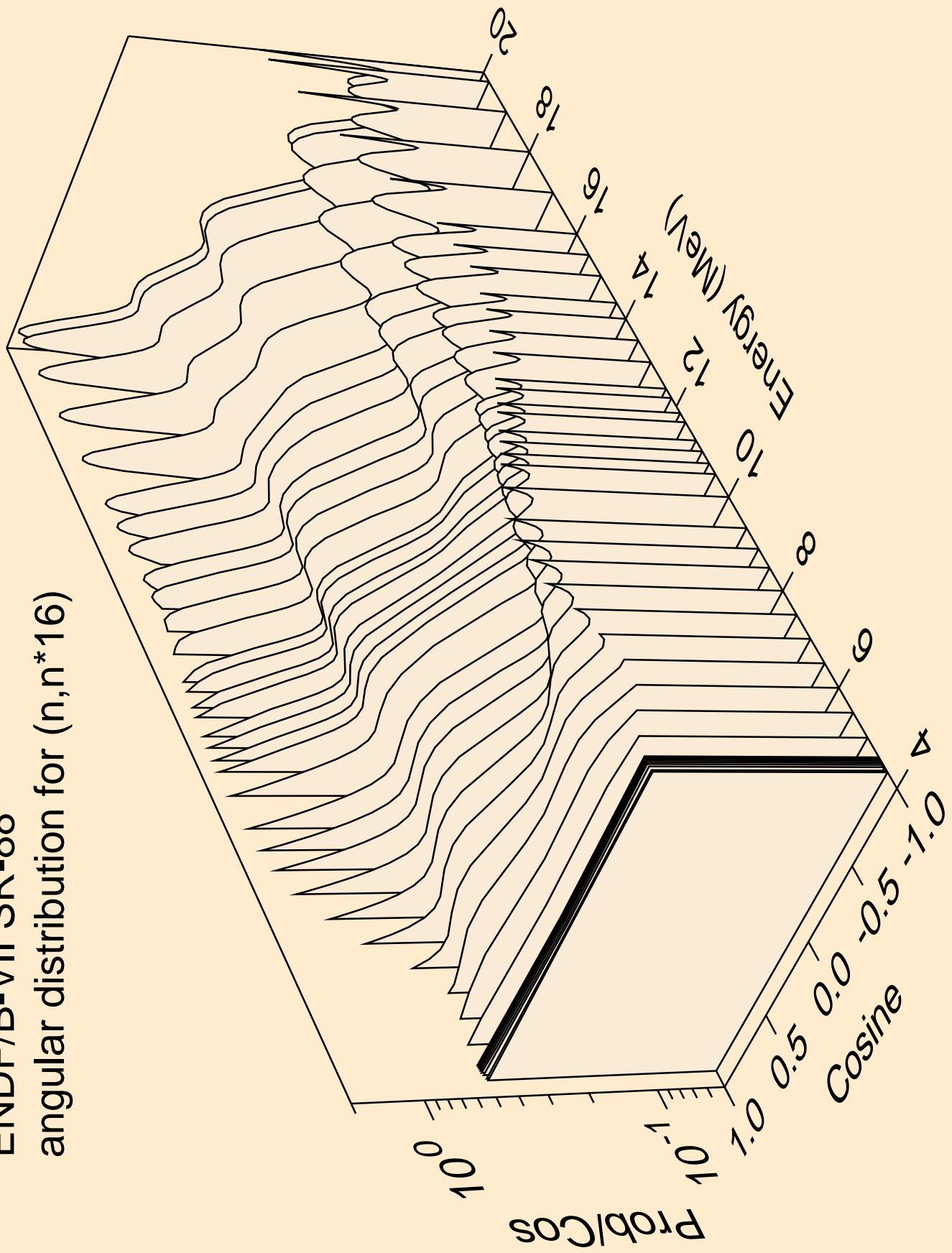
ENDF/B-VII SR-88

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



ENDF/B-VII SR-88

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



ENDF/B-VII SR-88

angular distribution for  $(n,n^*17)$

$10^0$

Prob/Cos

1.0

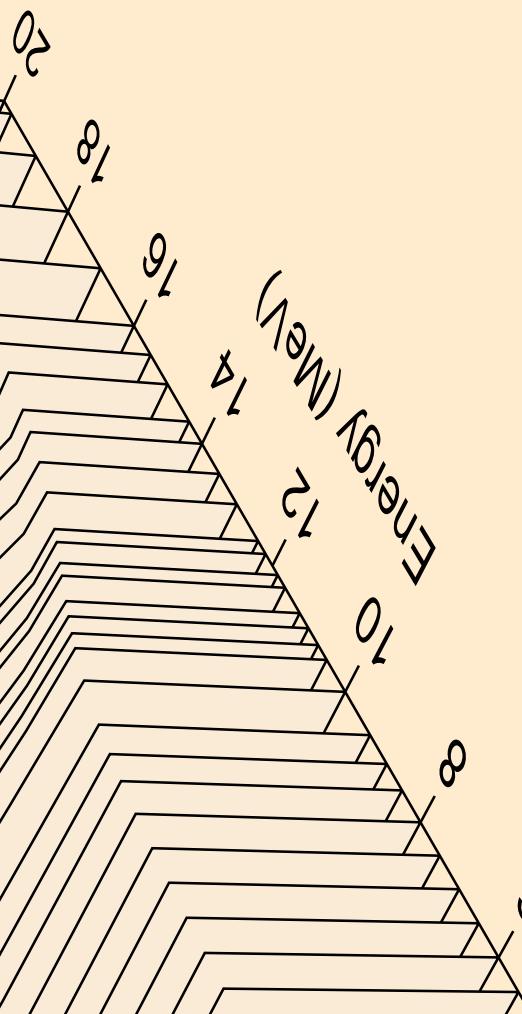
0.5

0.0

-0.5

-1.0

Cosine



ENDF/B-VII SR-88

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

$10^0$

Prob/Cos

1.0

0.5

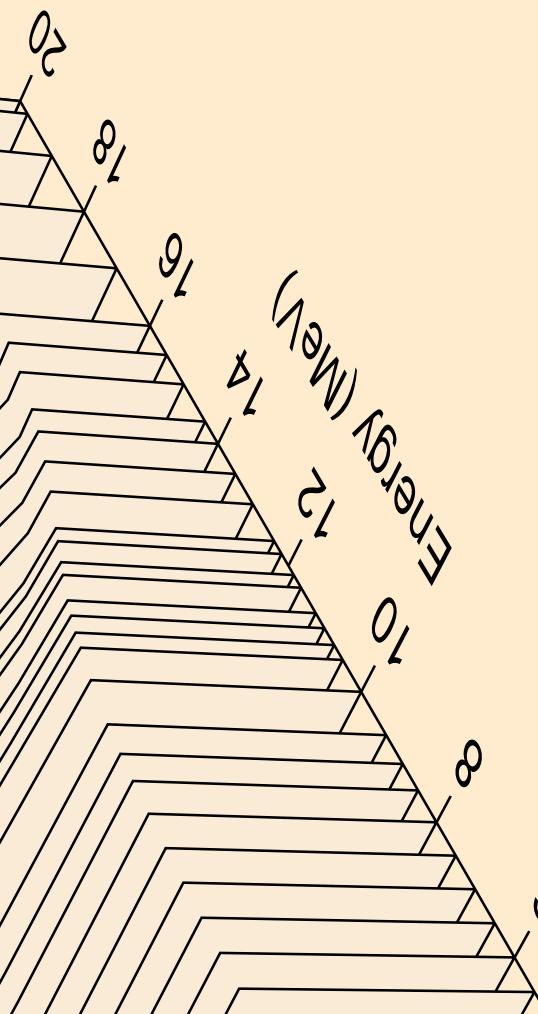
0.0

-0.5

-1.0

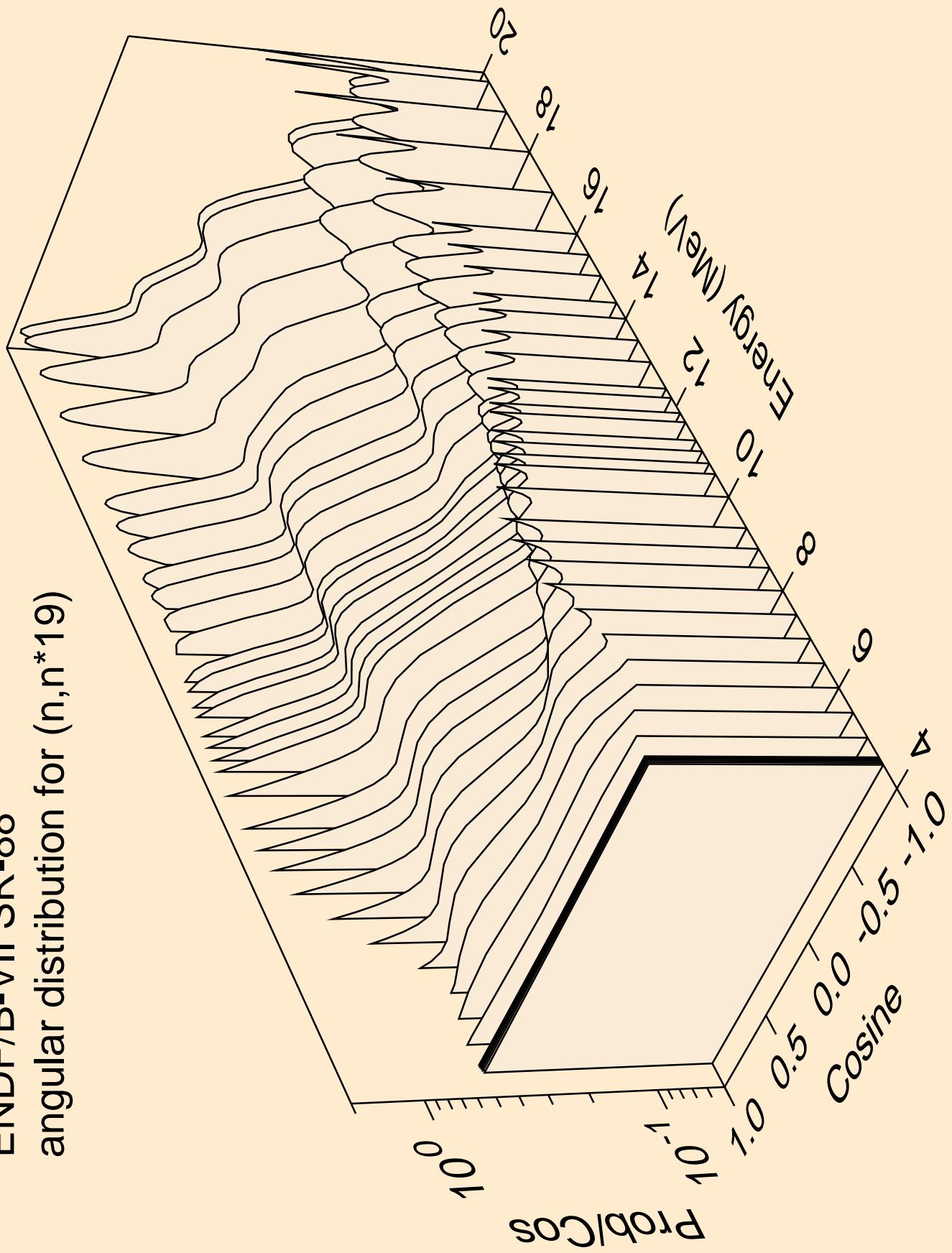
Cosine

Energy (MeV)



ENDF/B-VII SR-88

angular distribution for  $(n,n^*19)$



ENDF/B-VII SR-88

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

$10^0$

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 SR-88

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

$10^0$

Prob/Cos

1.0

0.5

0.0

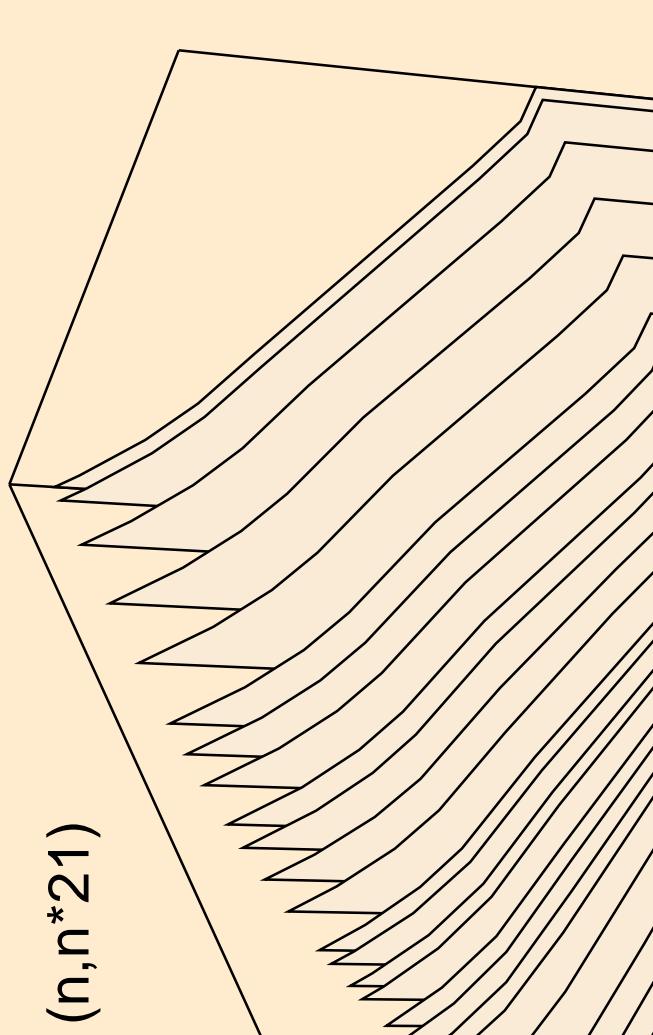
-0.5

-1.0

Cosine

Energy (MeV)

20  
18  
16  
14  
12  
10  
8  
6  
4  
2  
0



ENDF/B-VII SR-88

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

$10^0$

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

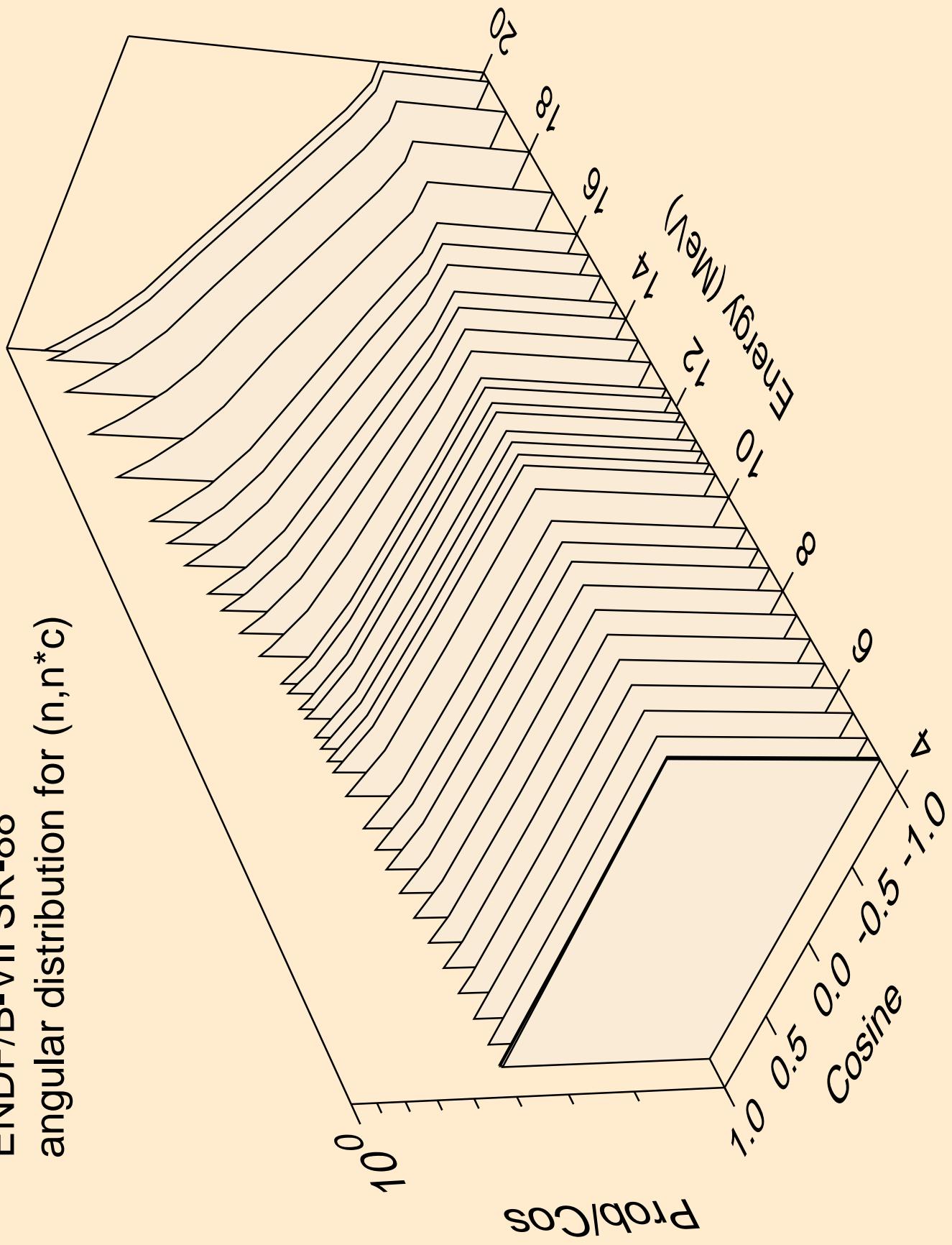
Cosine

Energy (MeV)

20  
18  
16  
14  
12  
10  
8  
6  
4  
2  
0

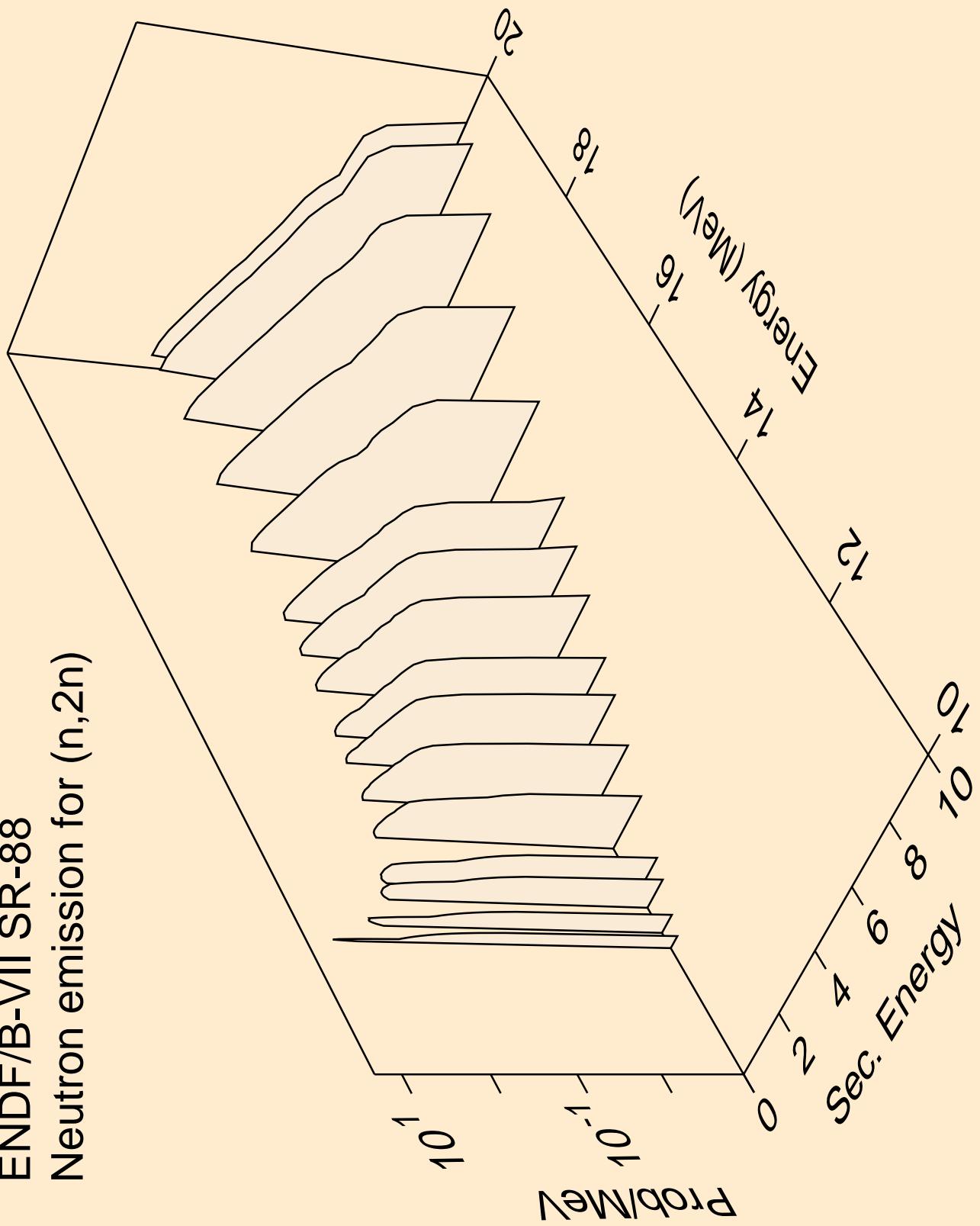
ENDF/B-VII SR-88

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



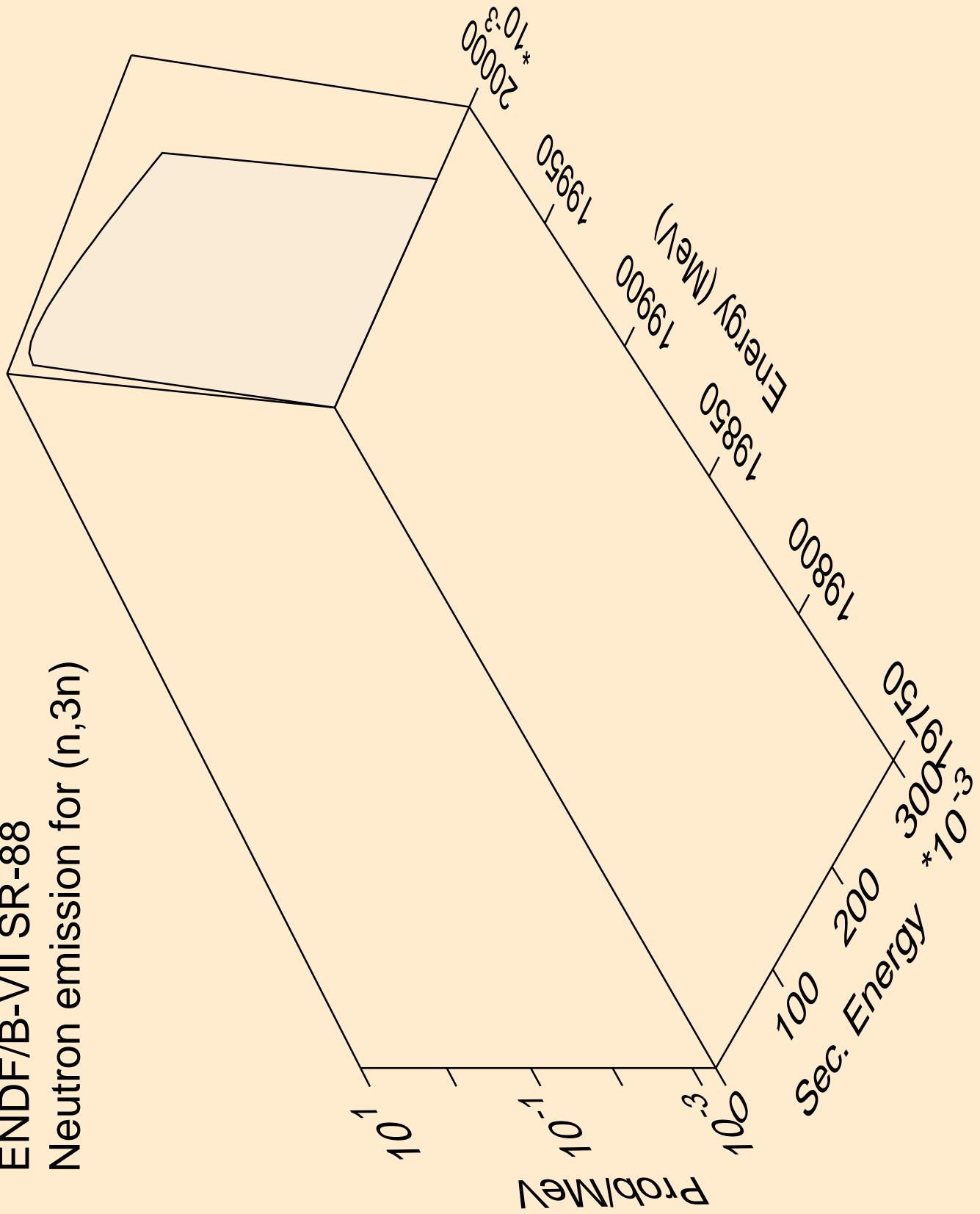
ENDF/B-VII SR-88

Neutron emission for  $(n,2n)$



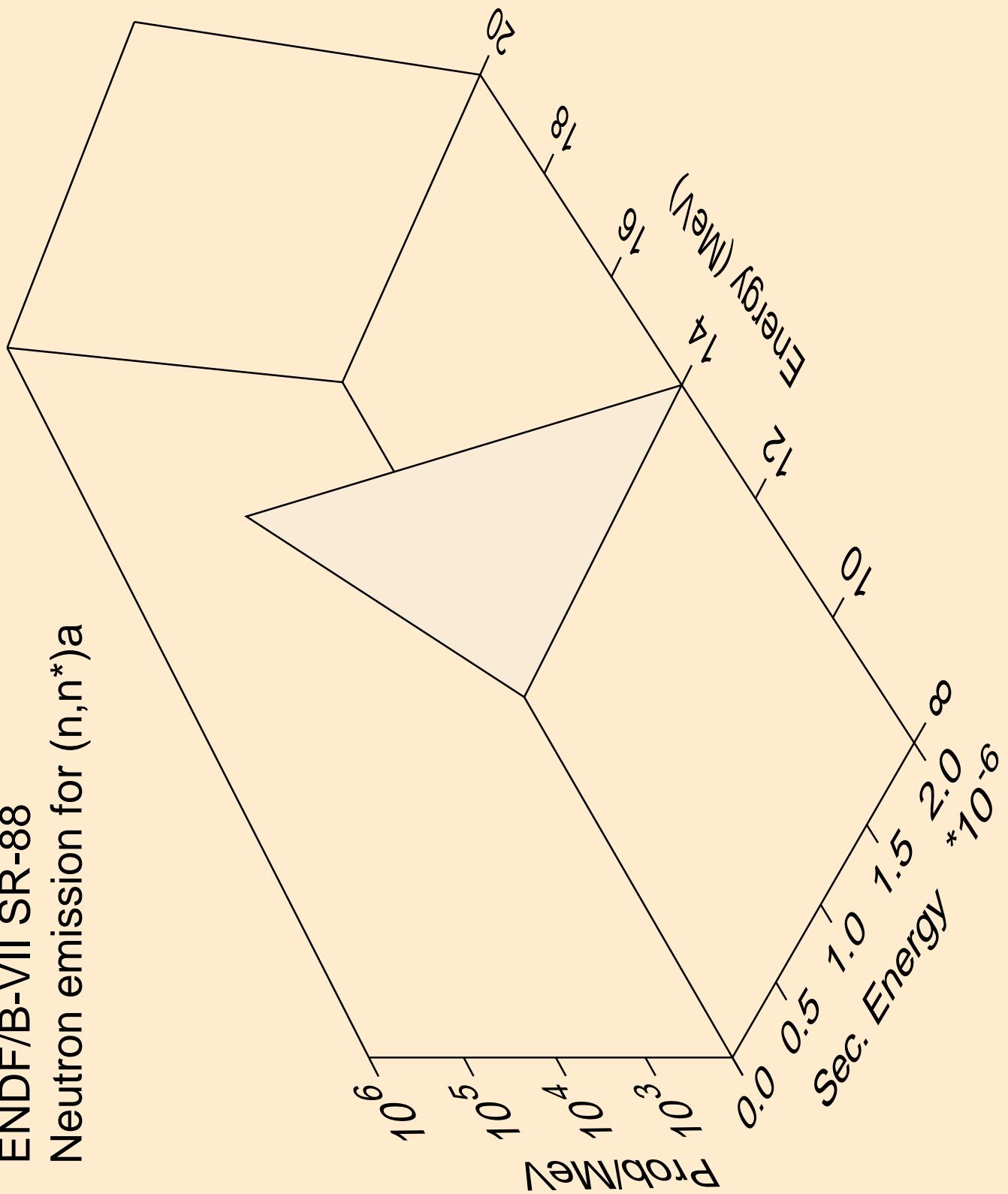
ENDF/B-VII SR-88

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



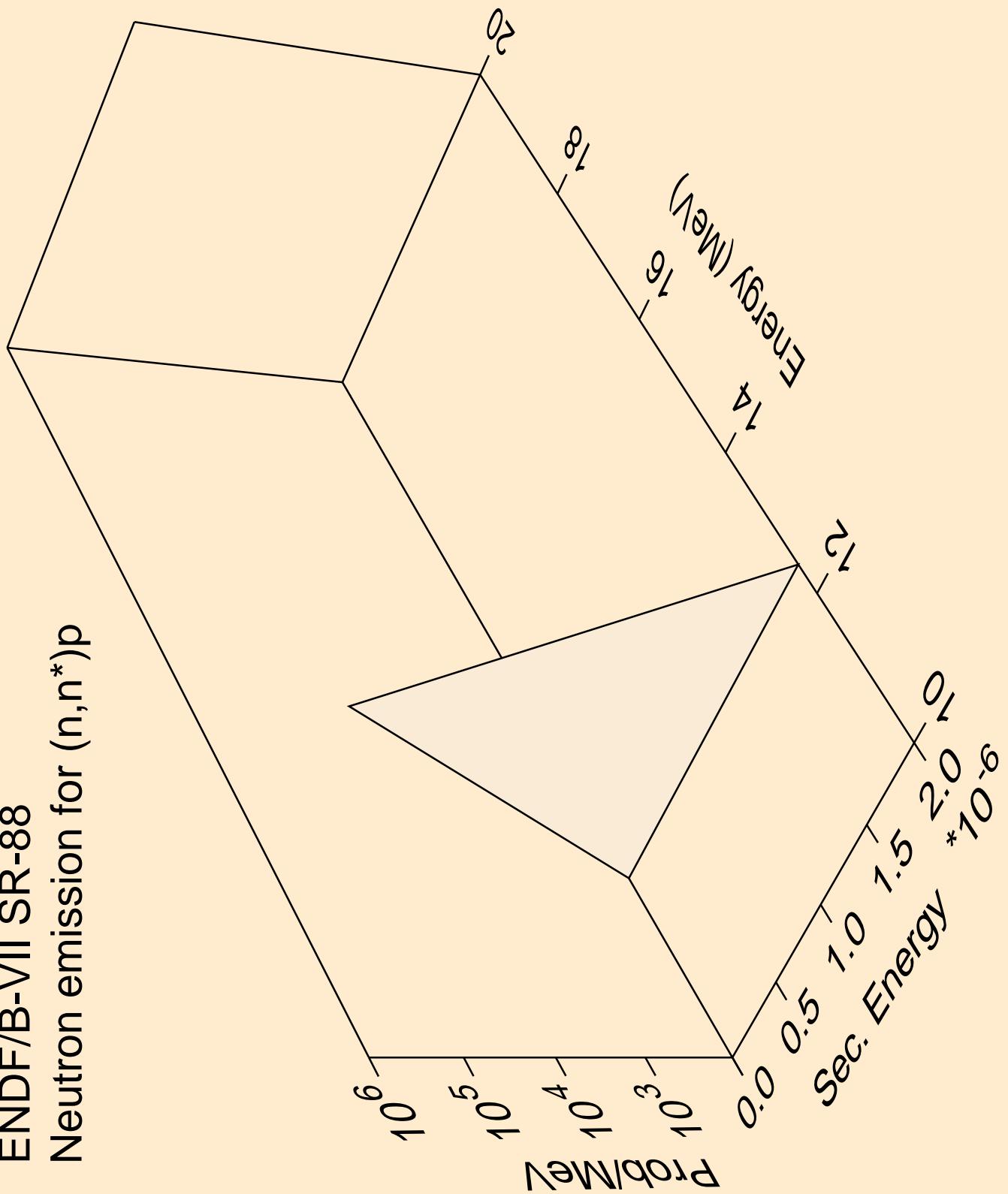
ENDF/B-VII SR-88

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



ENDF/B-VII SR-88

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



ENDF/B-VII SR-88

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

