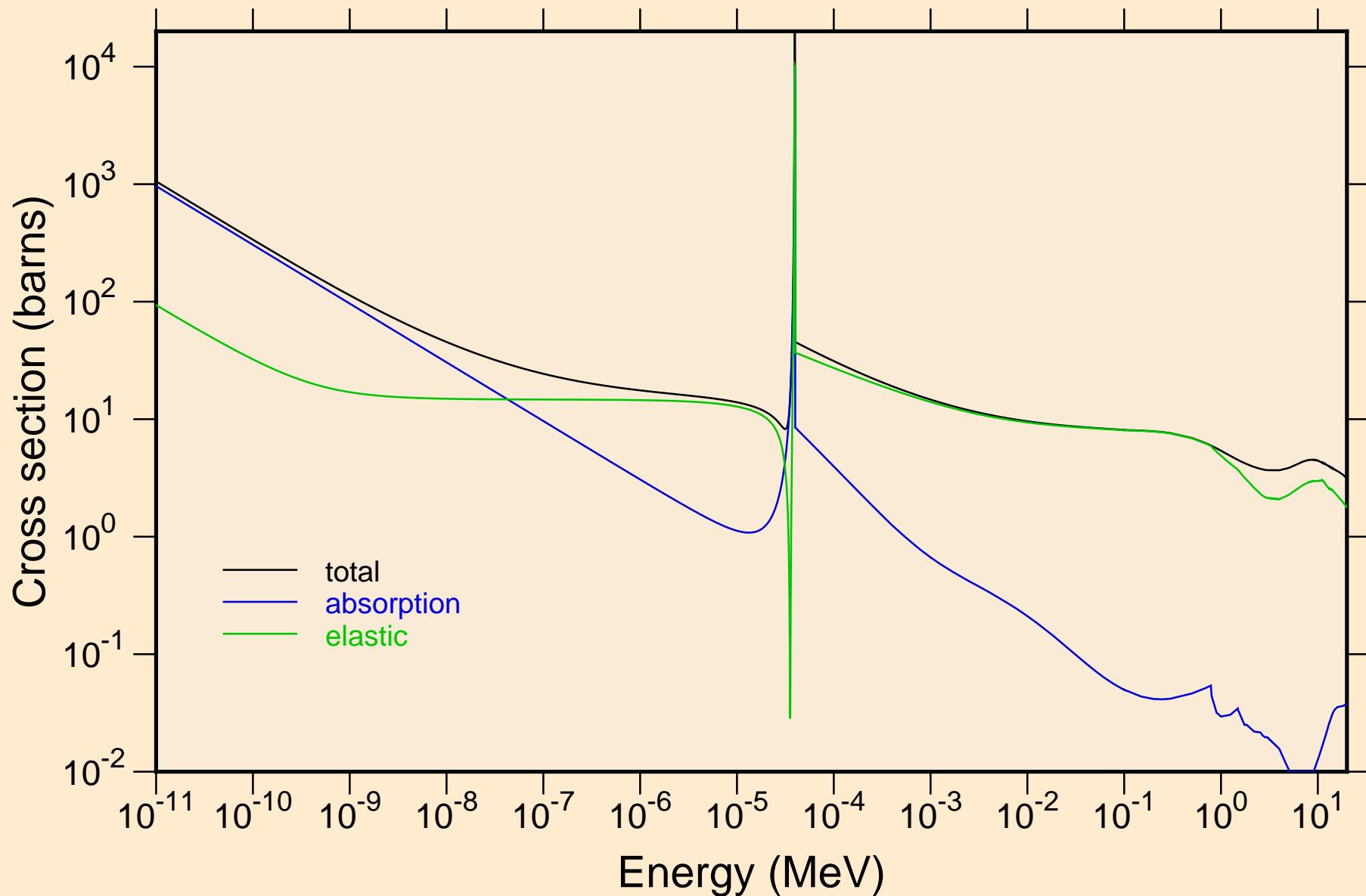
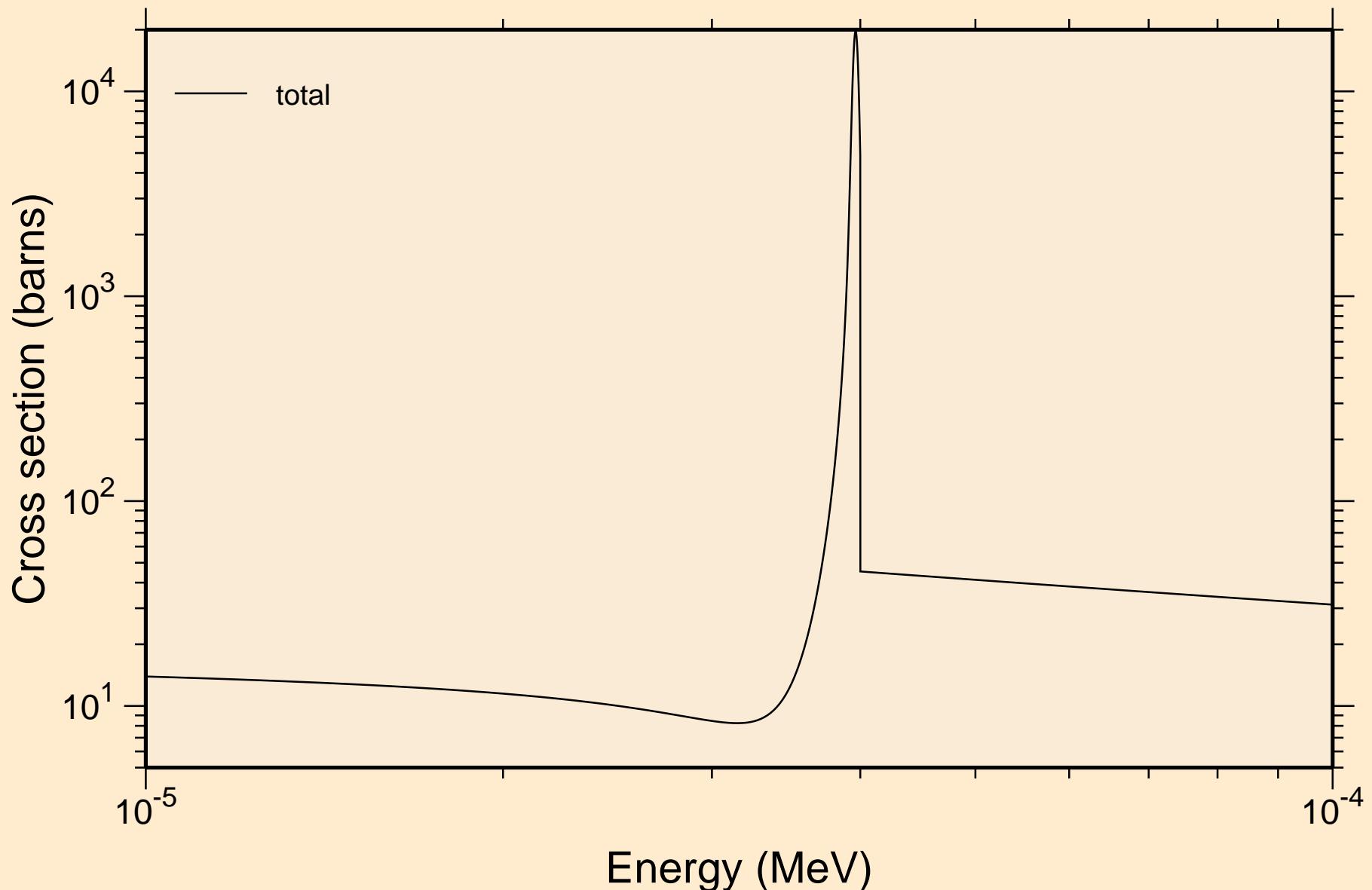


# ENDF/B-VII KR-82

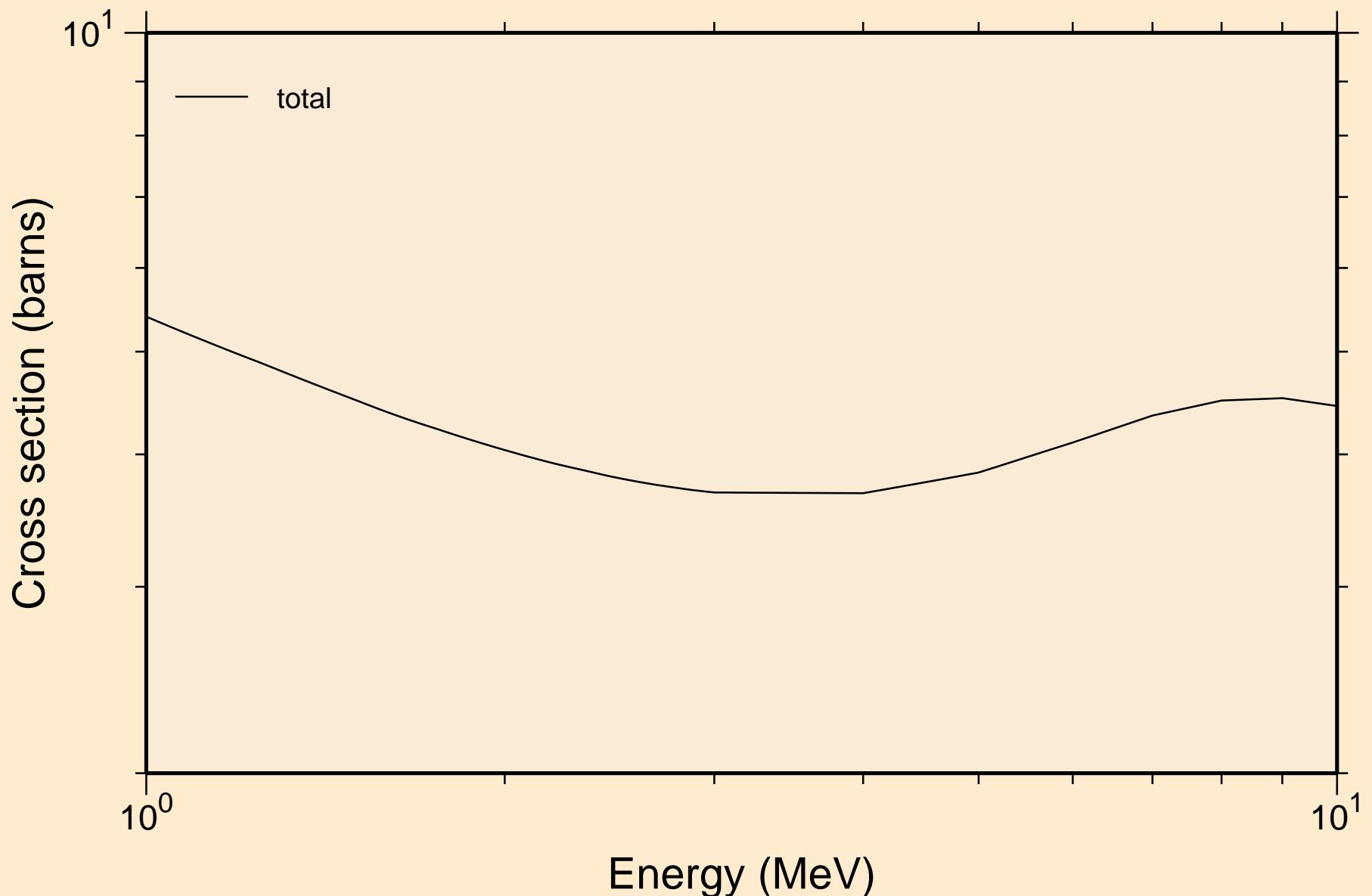
## Principal cross sections



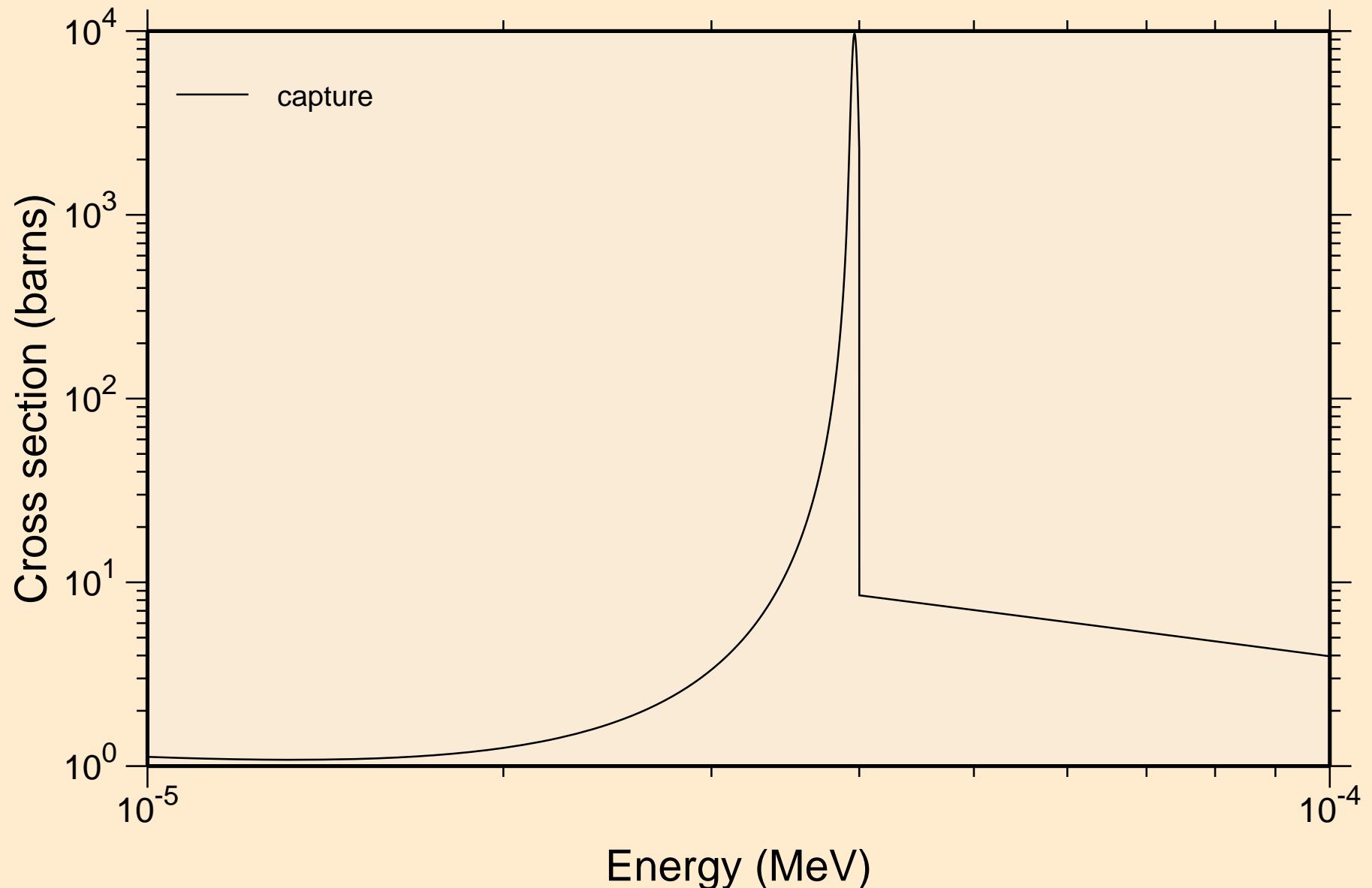
ENDF/B-VII KR-82  
resonance total cross section



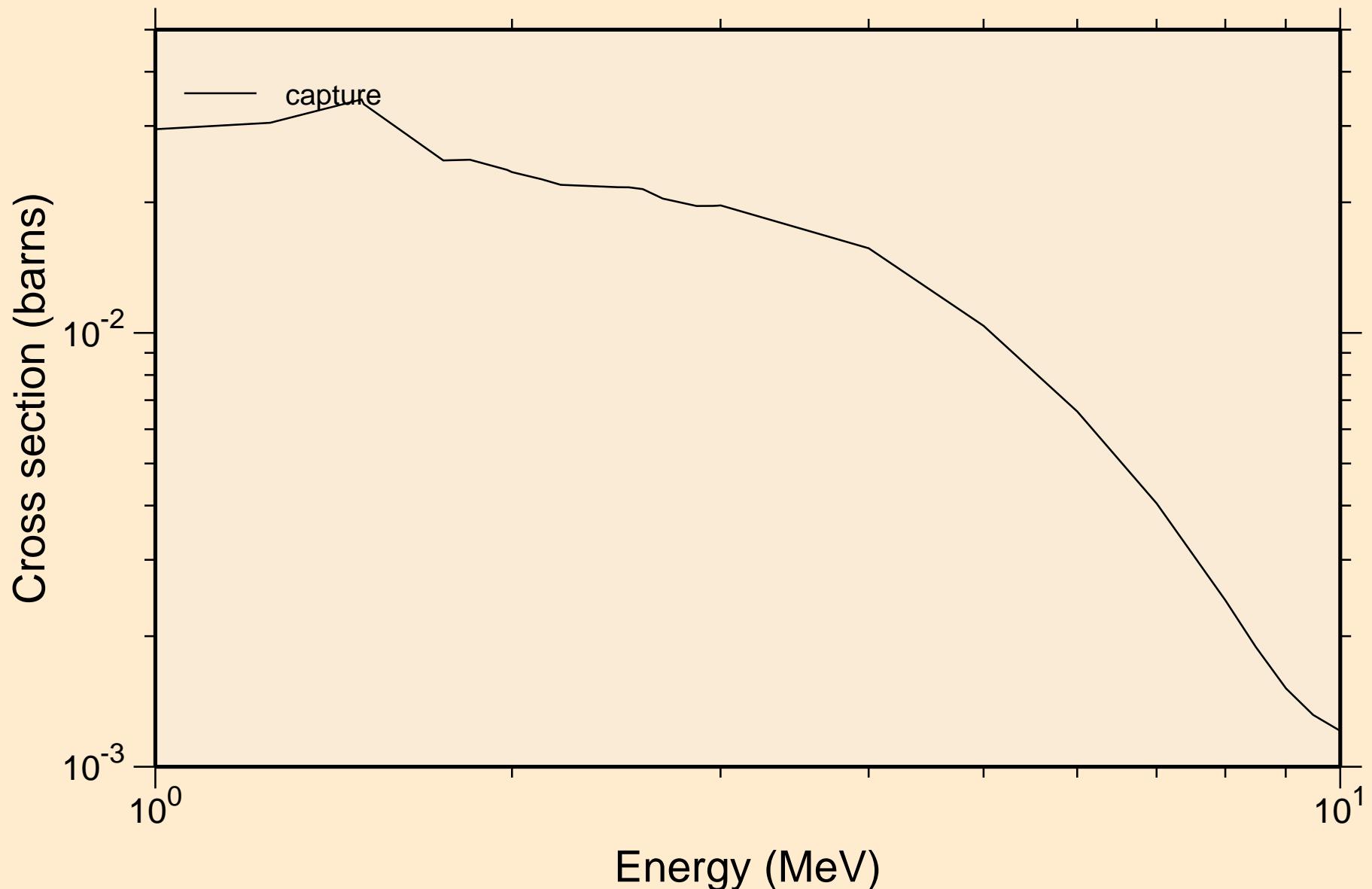
ENDF/B-VII KR-82  
resonance total cross section



ENDF/B-VII KR-82  
resonance absorption cross sections

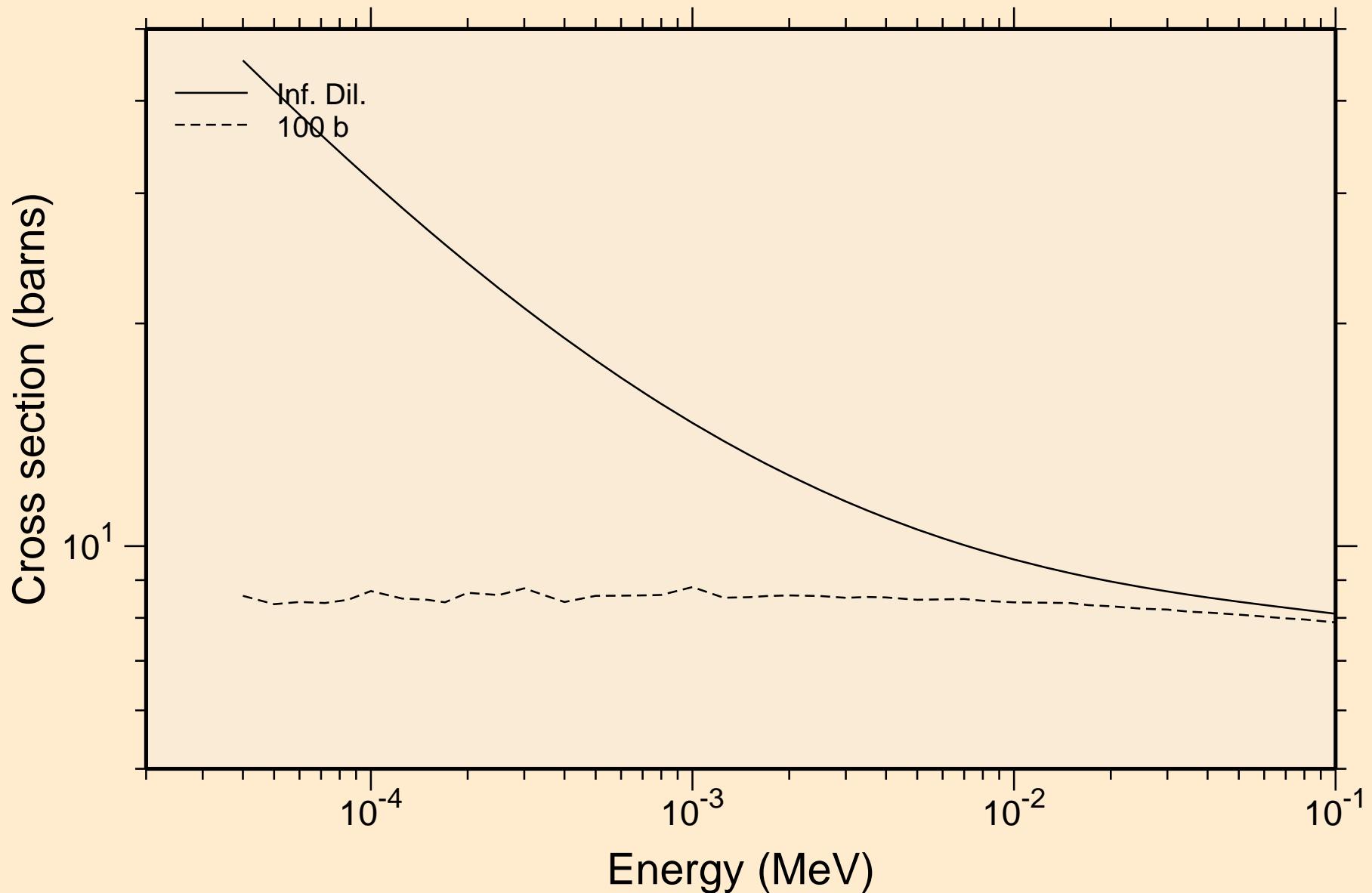


ENDF/B-VII KR-82  
resonance absorption cross sections



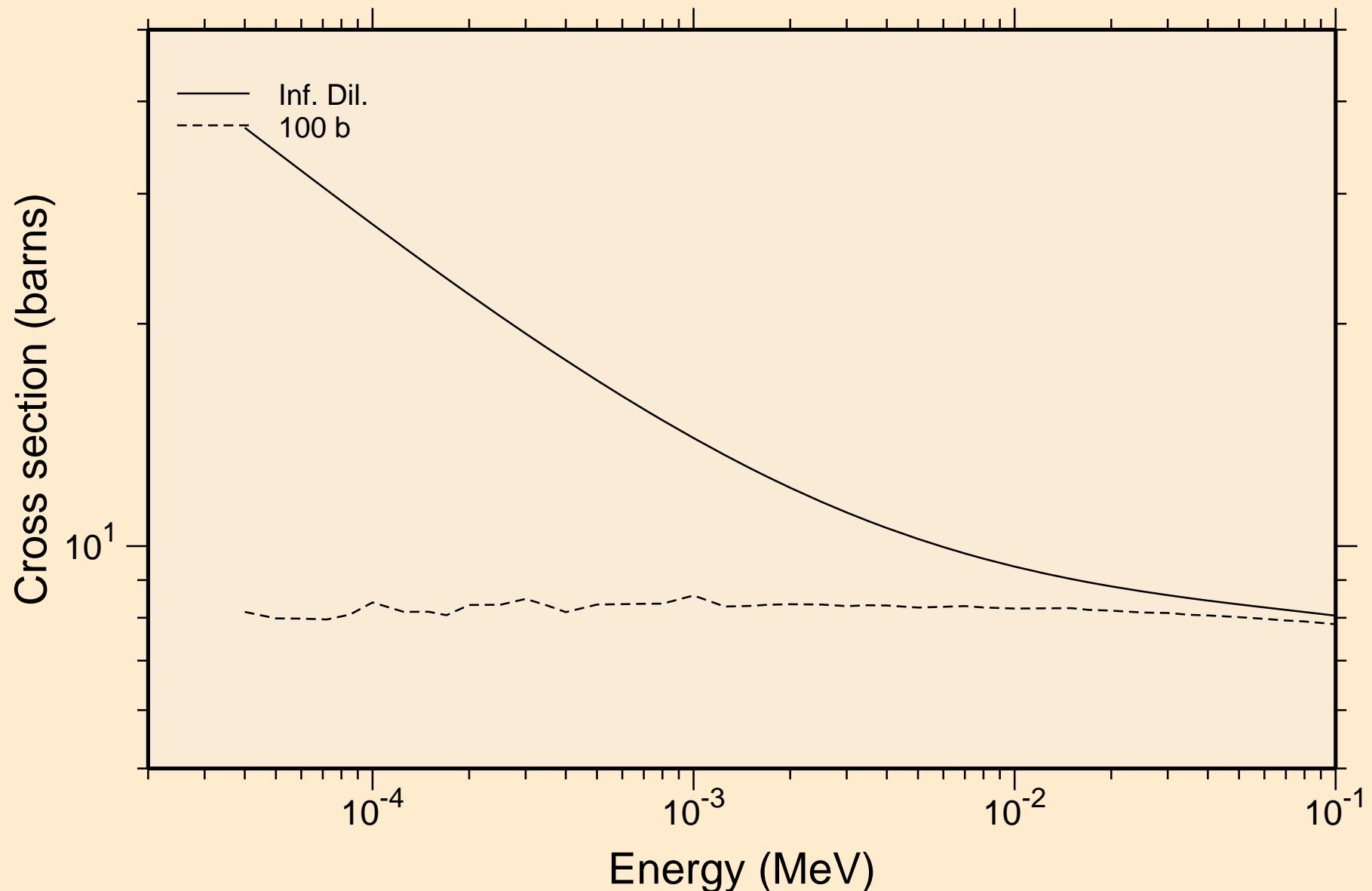
# ENDF/B-VII KR-82

## UR total cross section



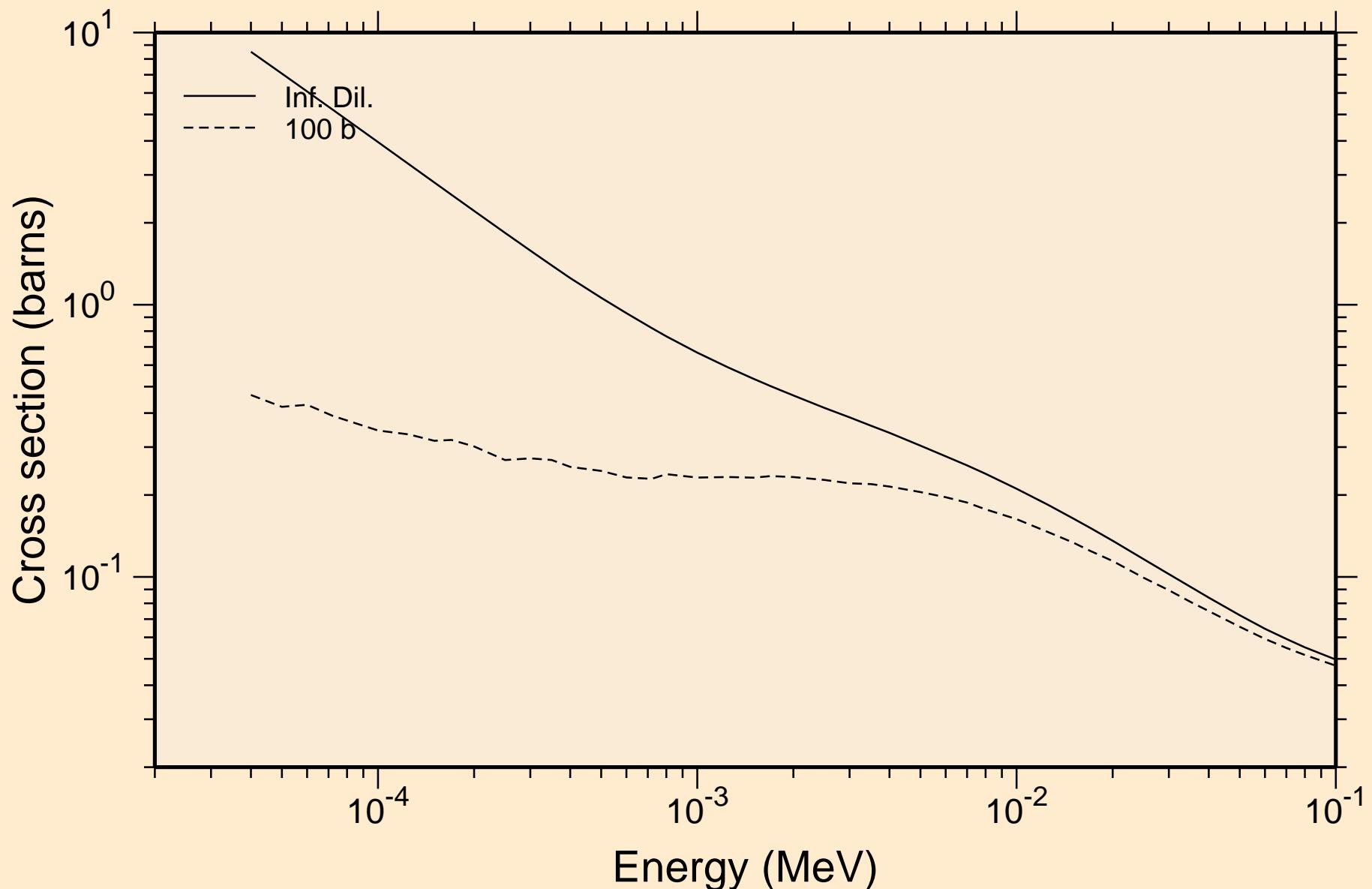
# ENDF/B-VII KR-82

## UR elastic cross section

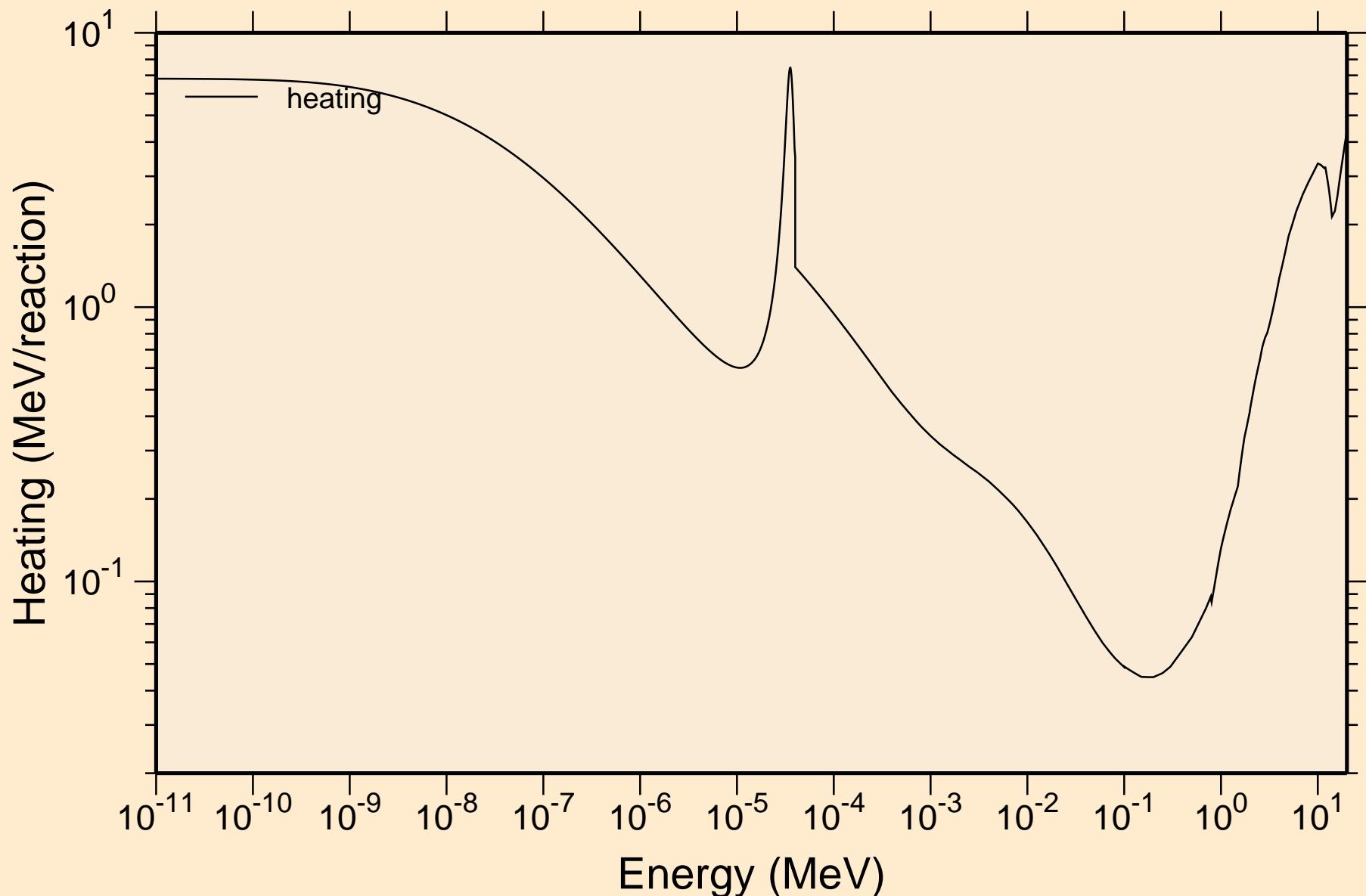


# ENDF/B-VII KR-82

## UR capture cross section

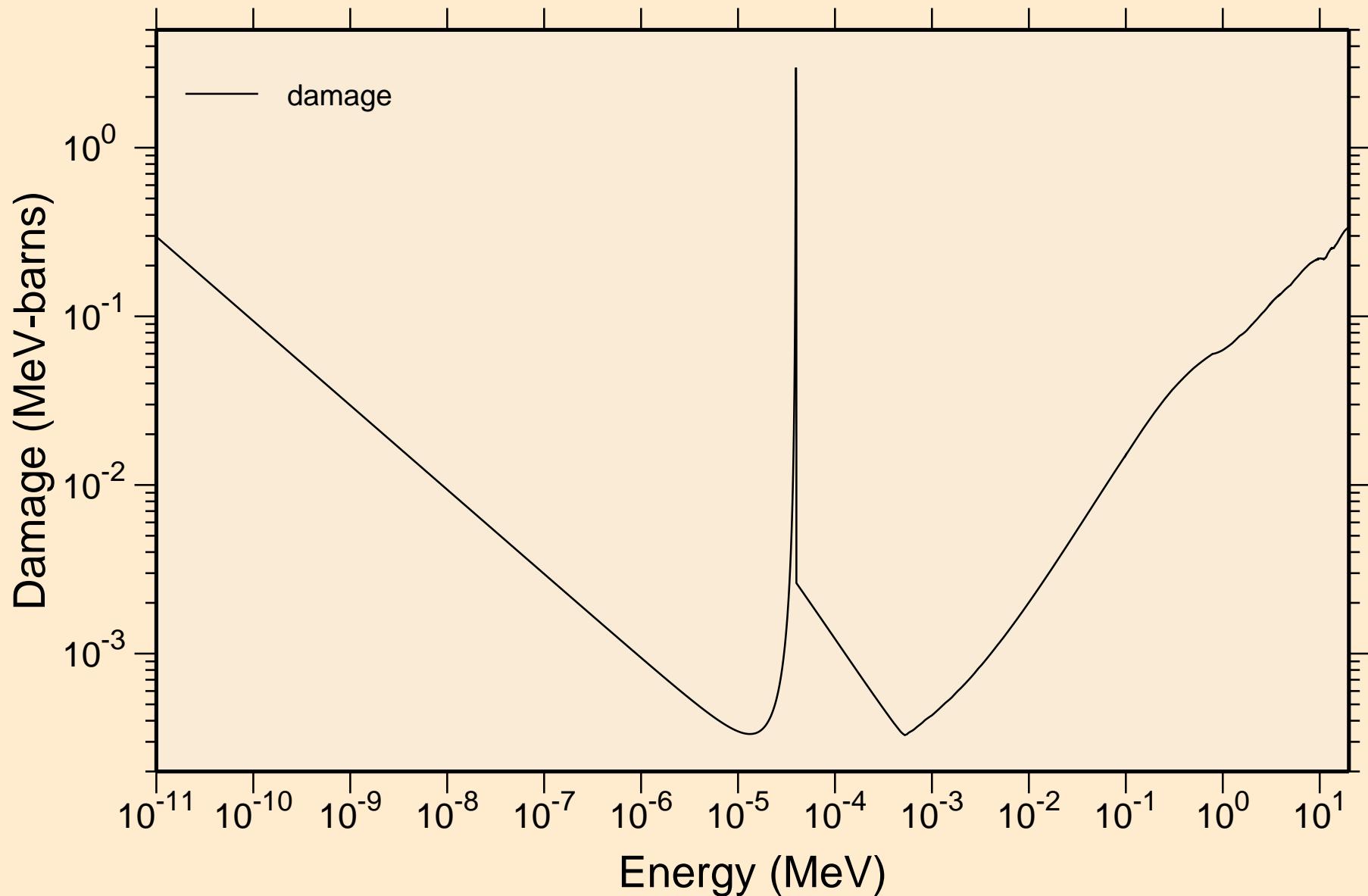


ENDF/B-VII KR-82  
Heating

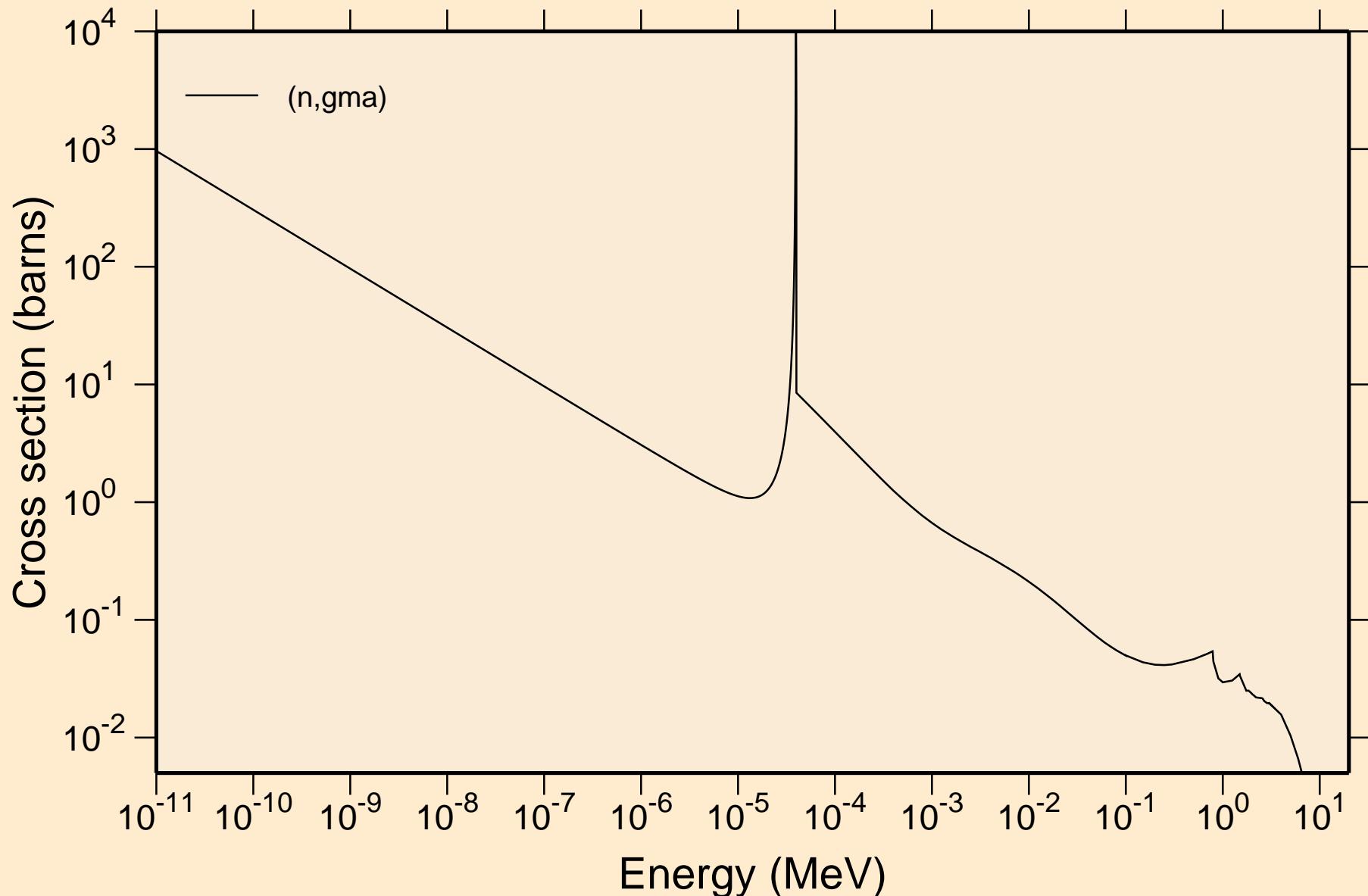


# ENDF/B-VII KR-82

## Damage

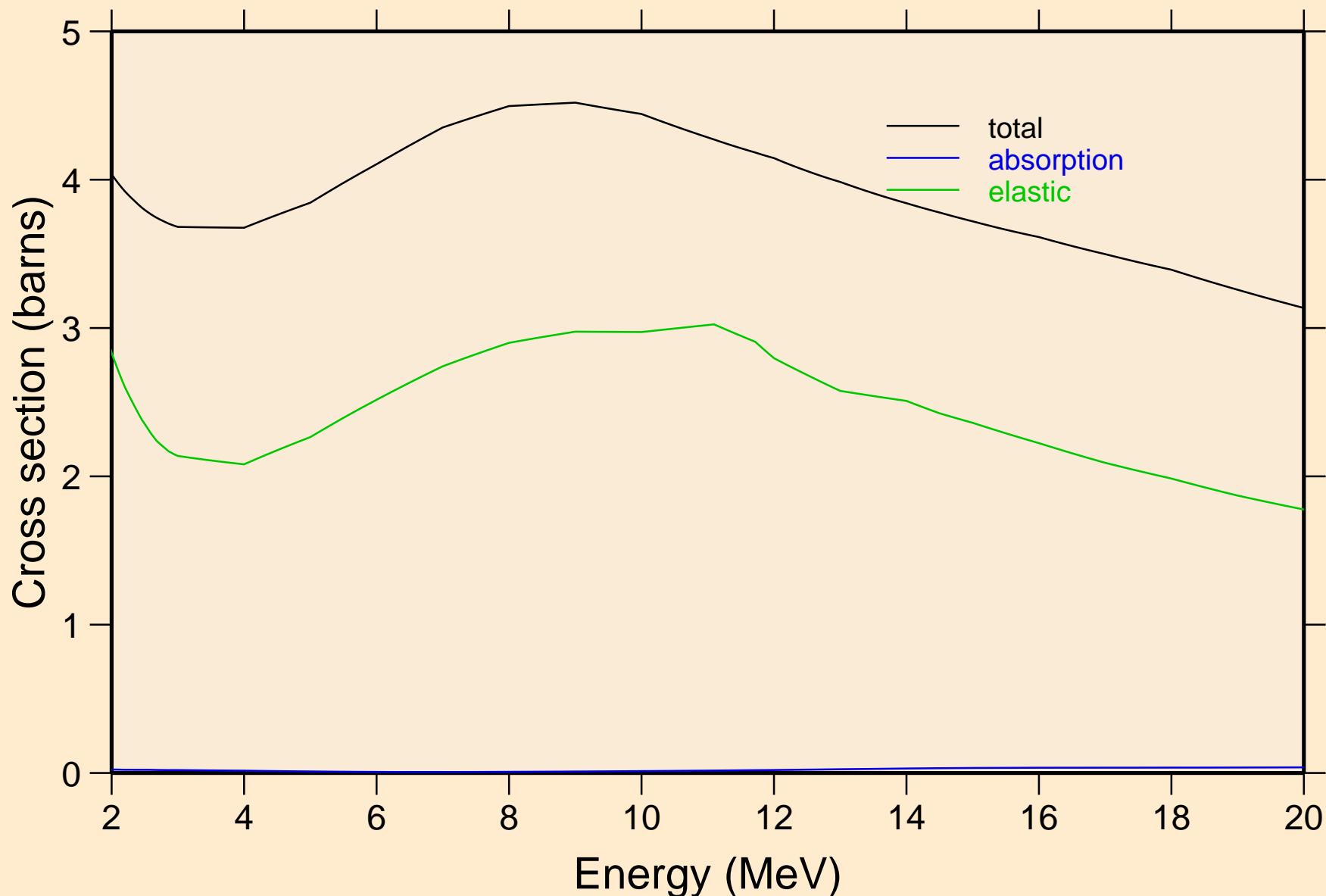


ENDF/B-VII KR-82  
Non-threshold reactions

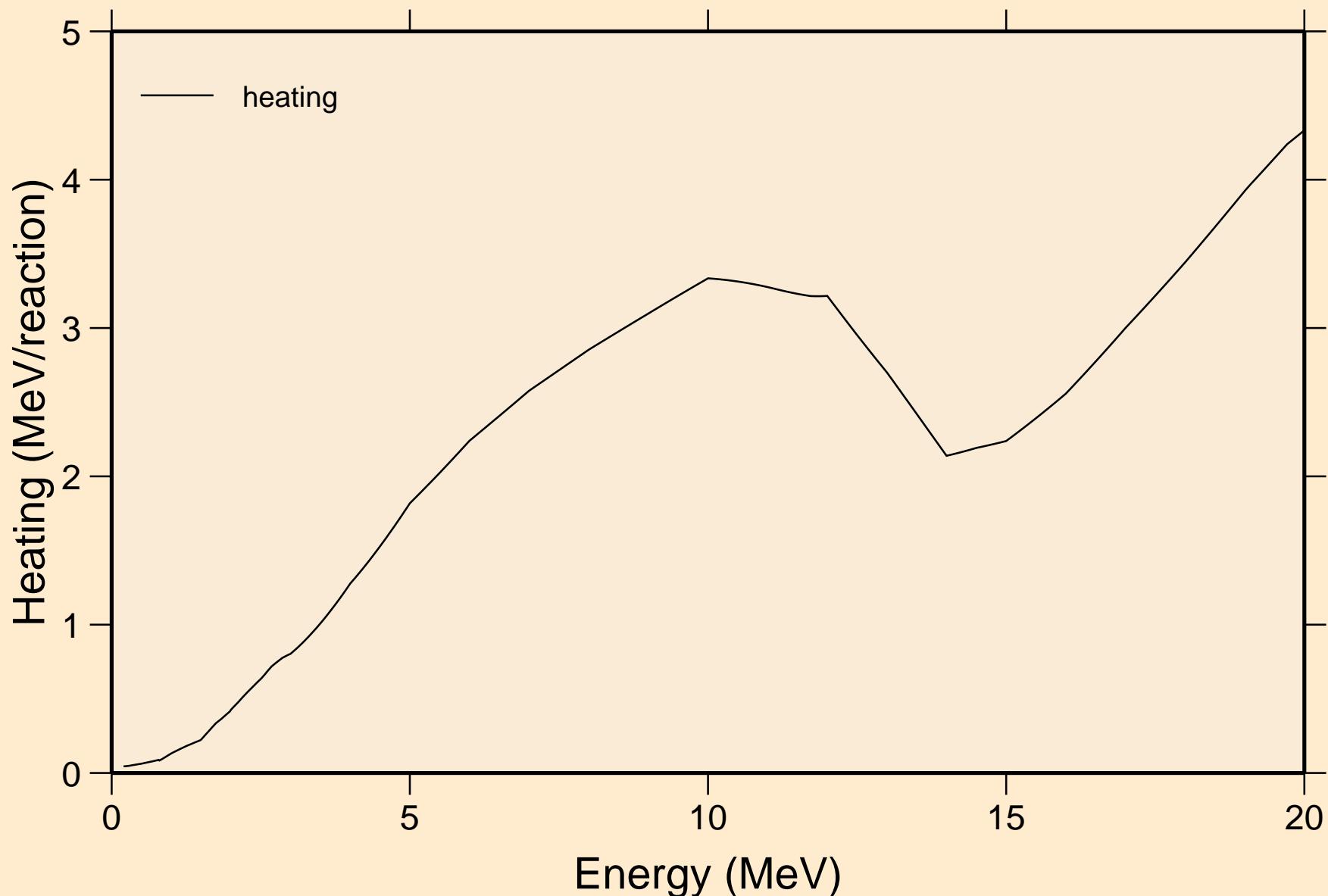


# ENDF/B-VII KR-82

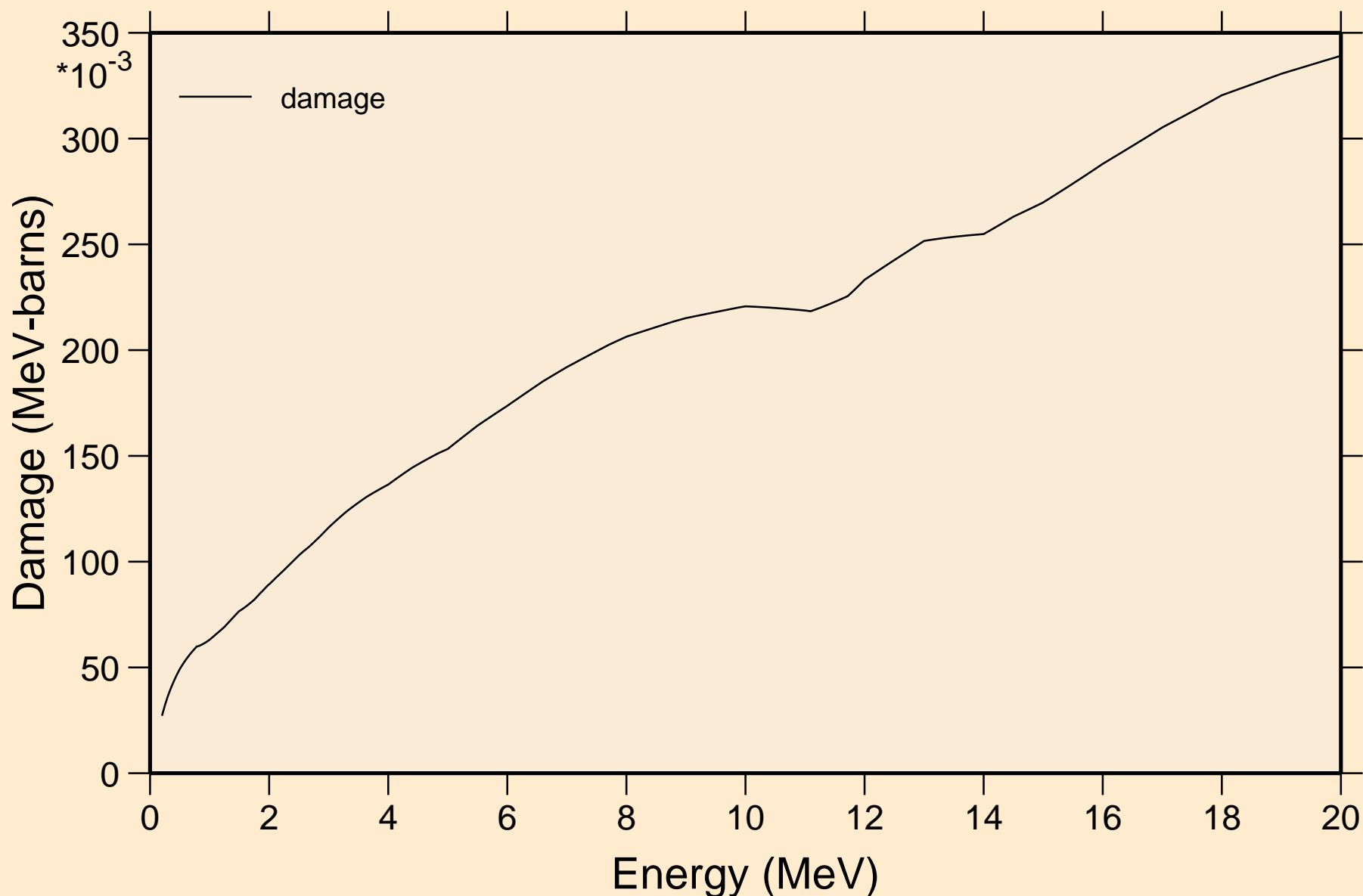
## Principal cross sections



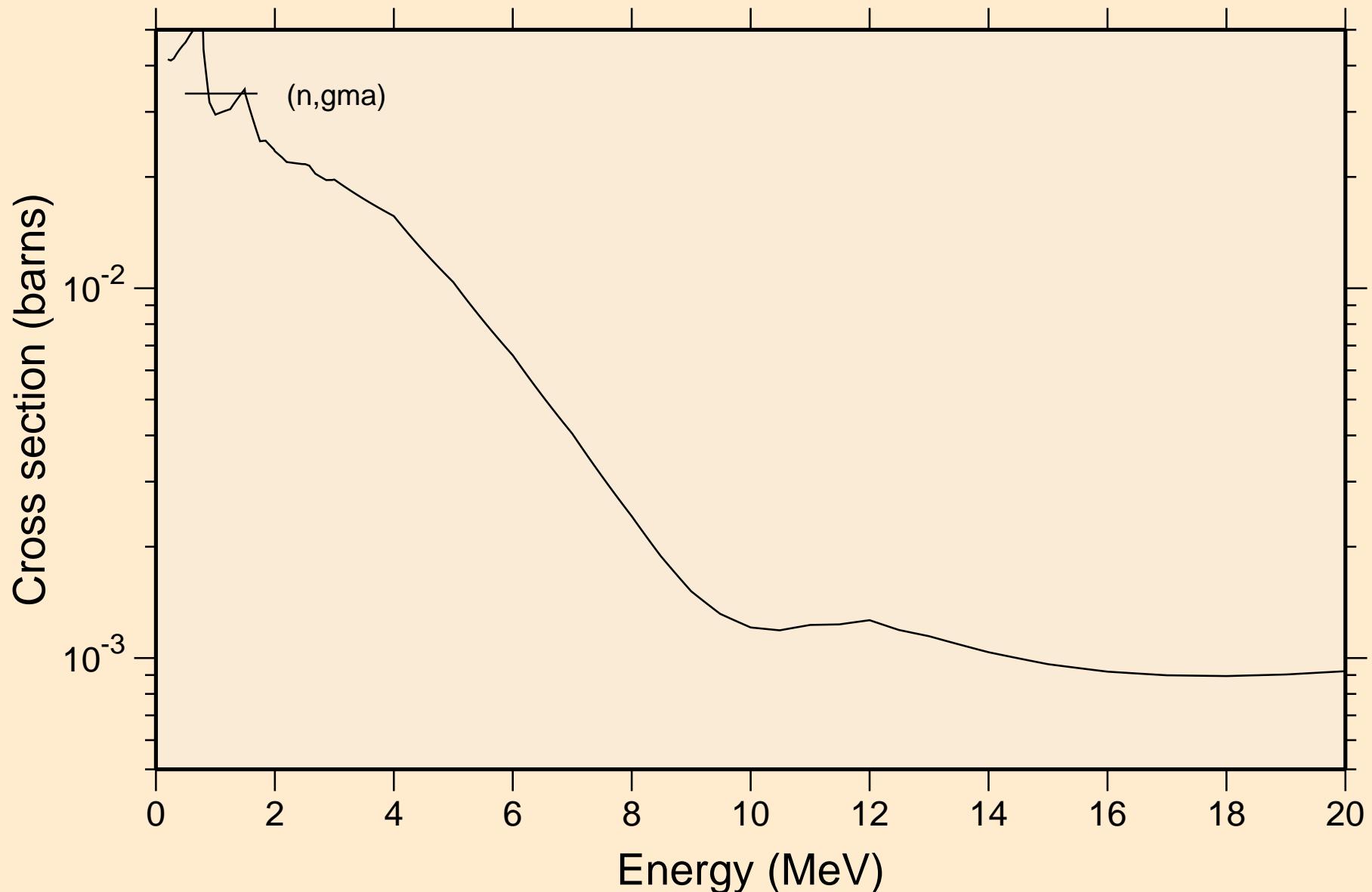
ENDF/B-VII KR-82  
Heating



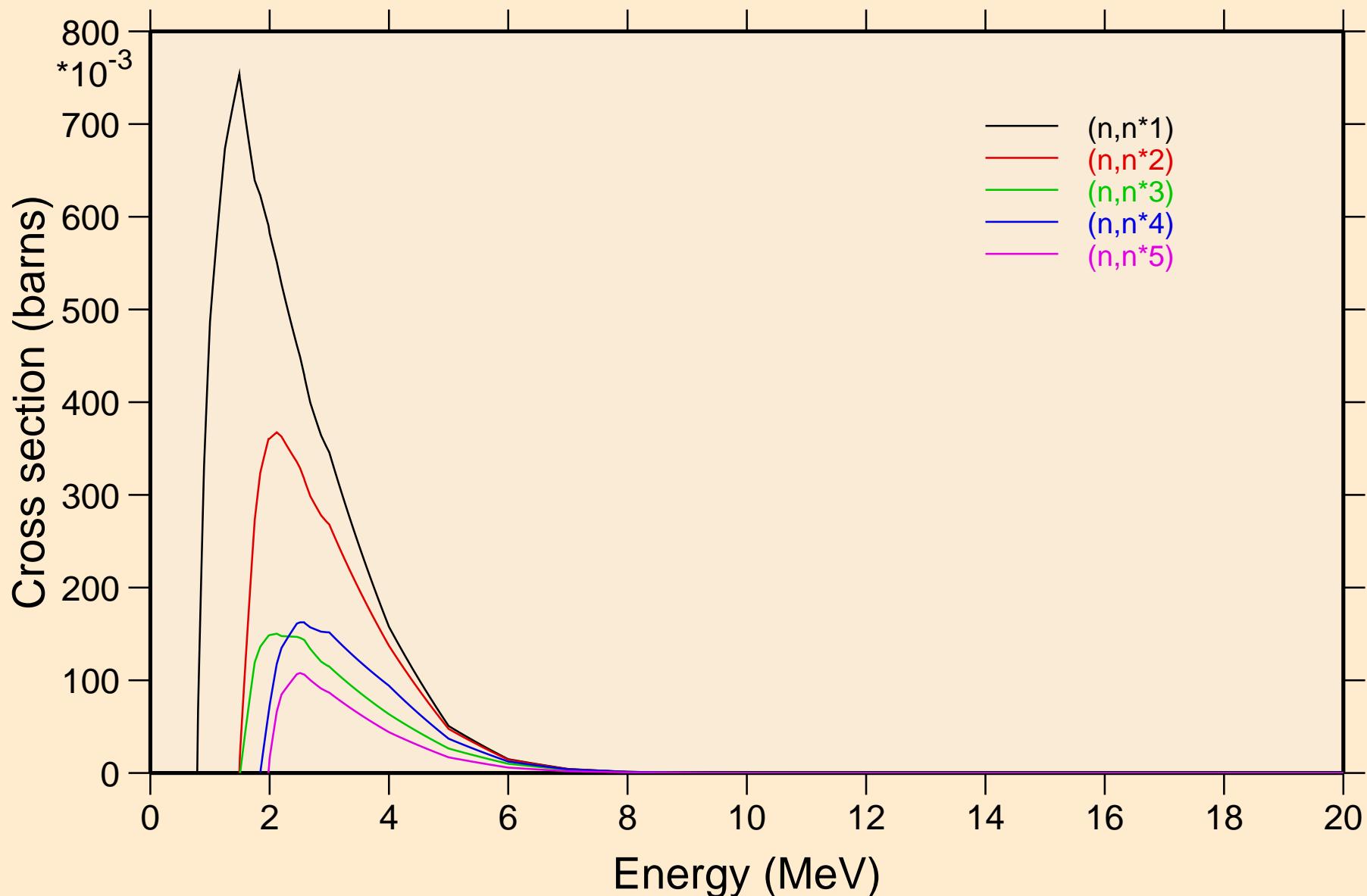
ENDF/B-VII KR-82  
Damage



ENDF/B-VII KR-82  
Non-threshold reactions

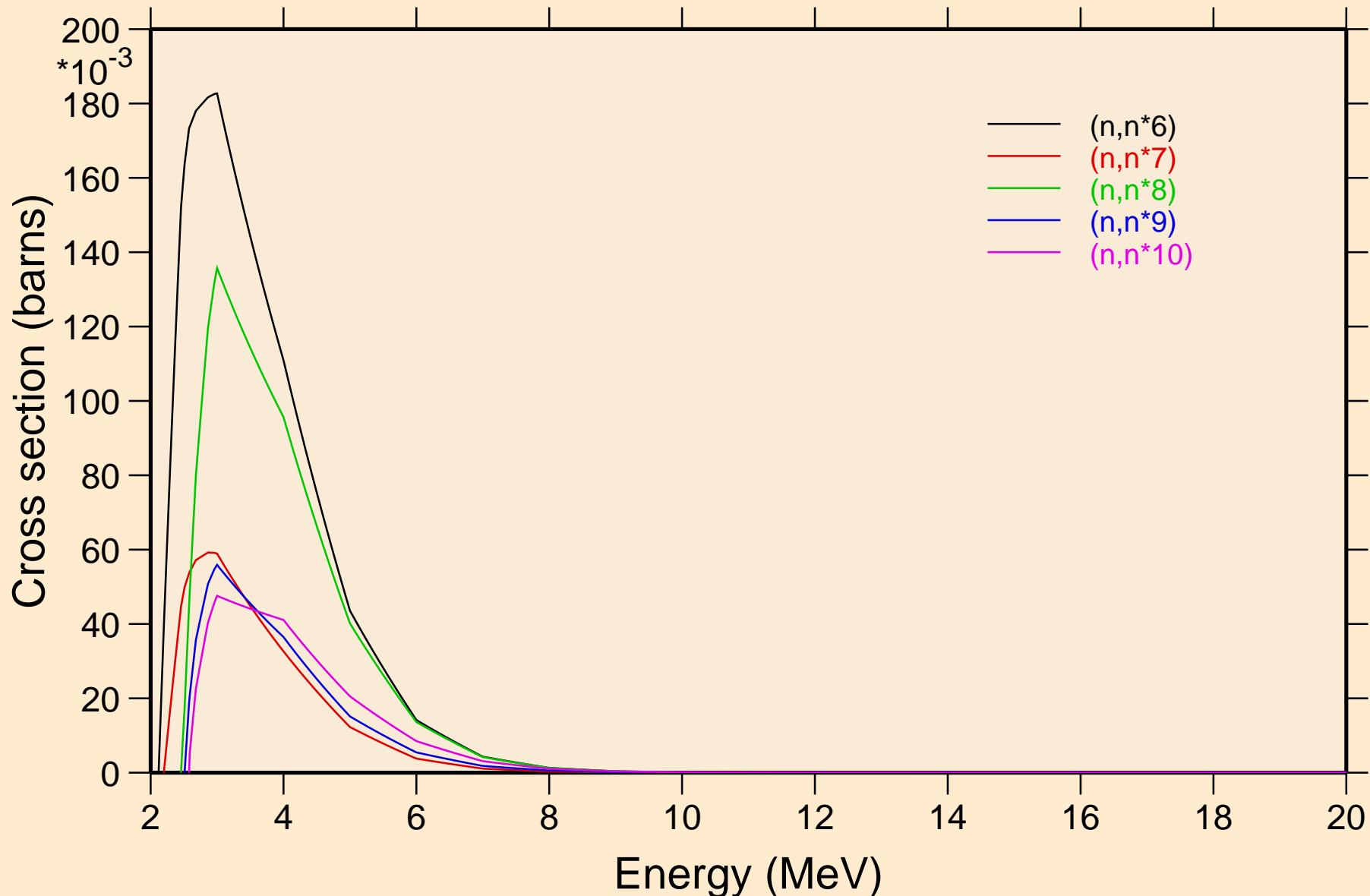


ENDF/B-VII KR-82  
Inelastic levels

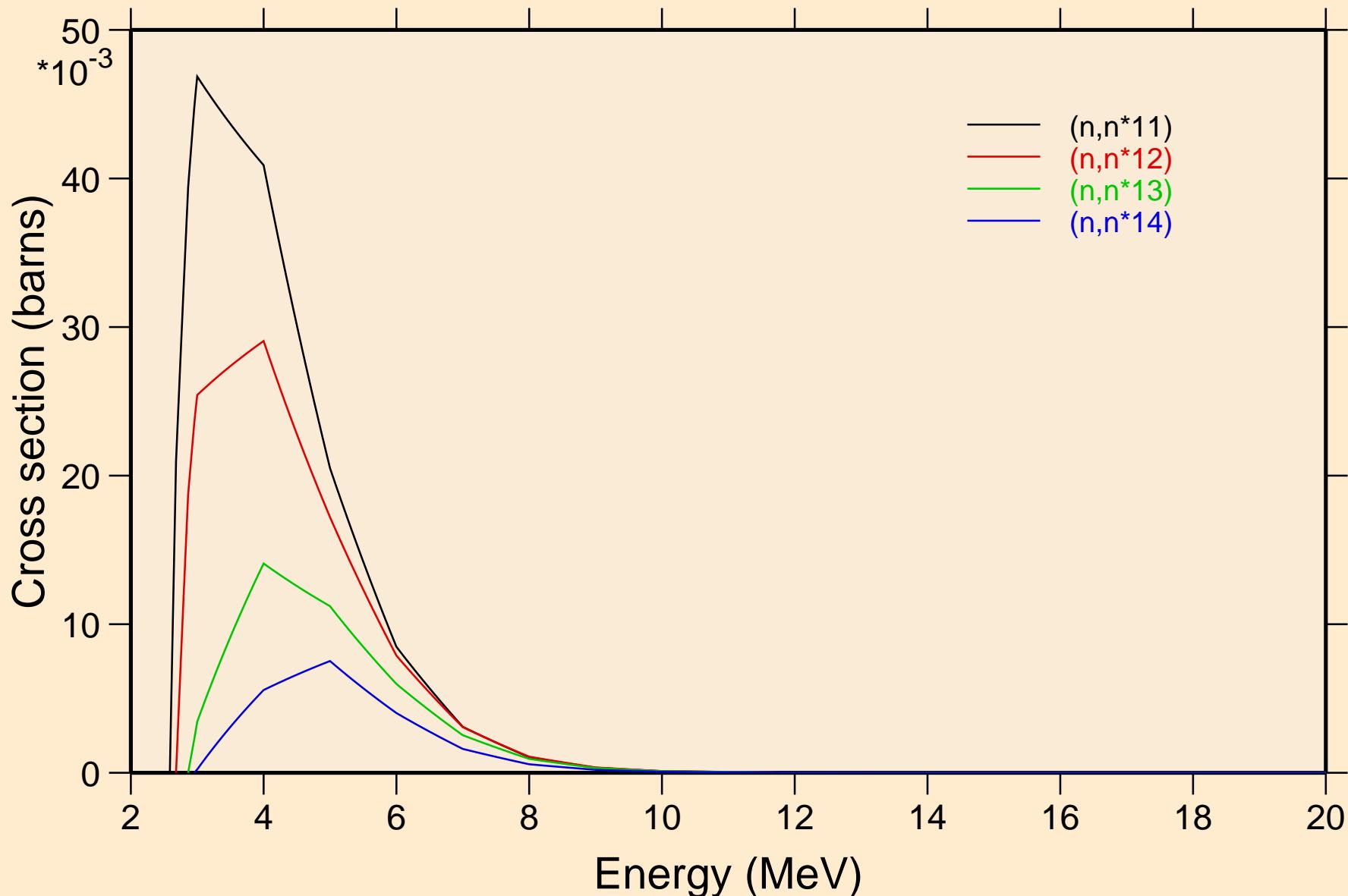


# ENDF/B-VII KR-82

## Inelastic levels

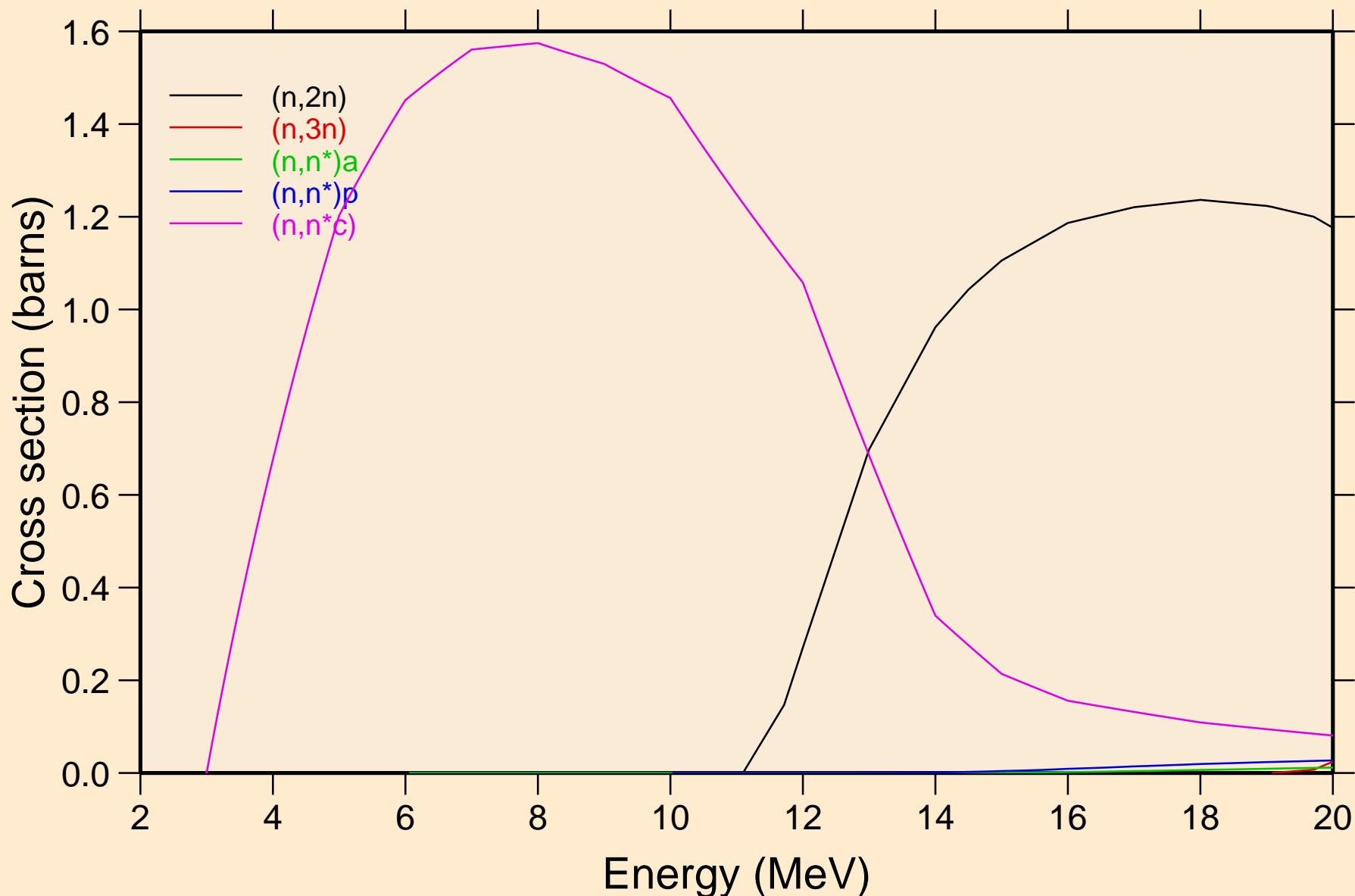


ENDF/B-VII KR-82  
Inelastic levels



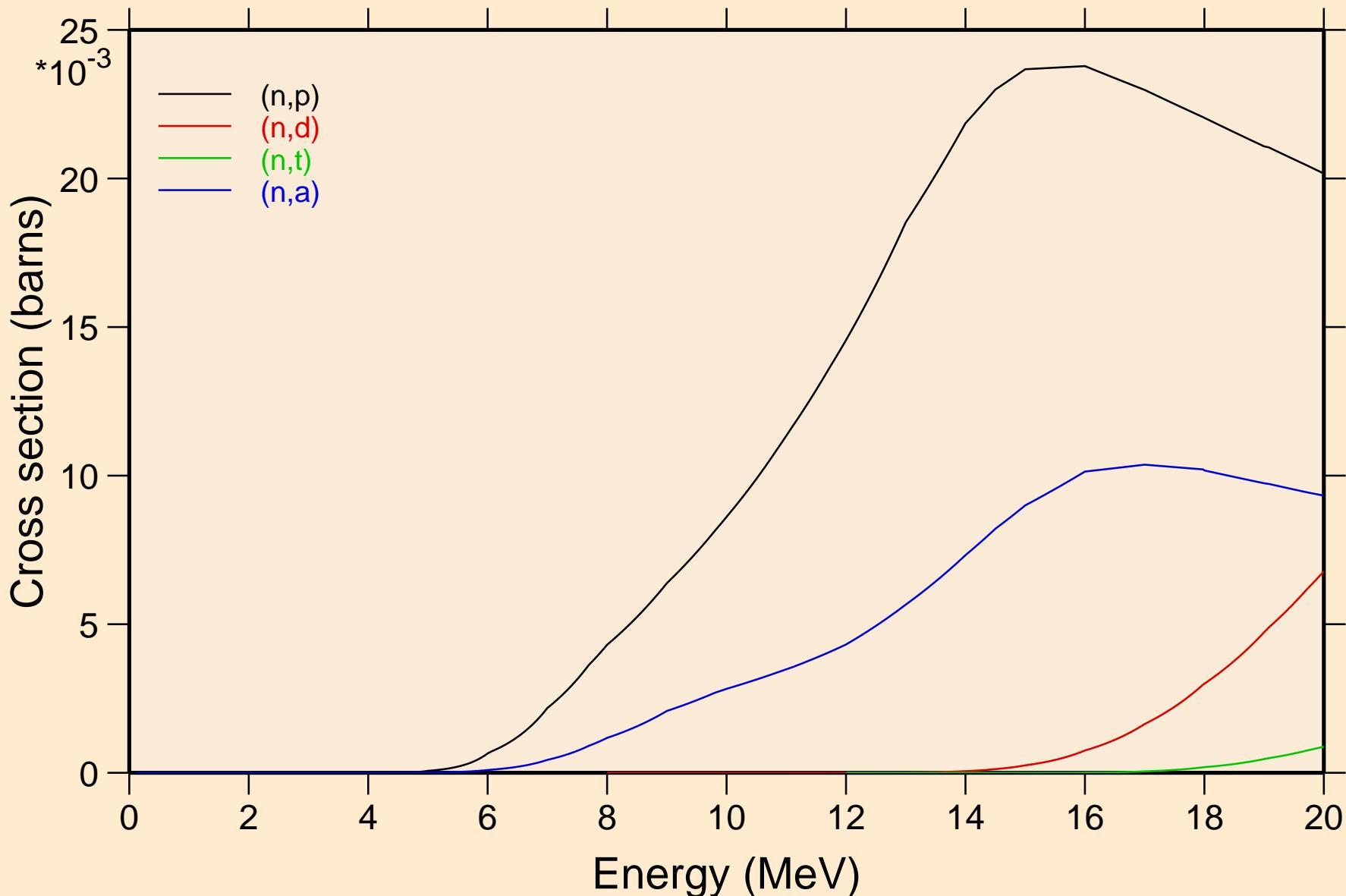
# ENDF/B-VII KR-82

## Threshold reactions



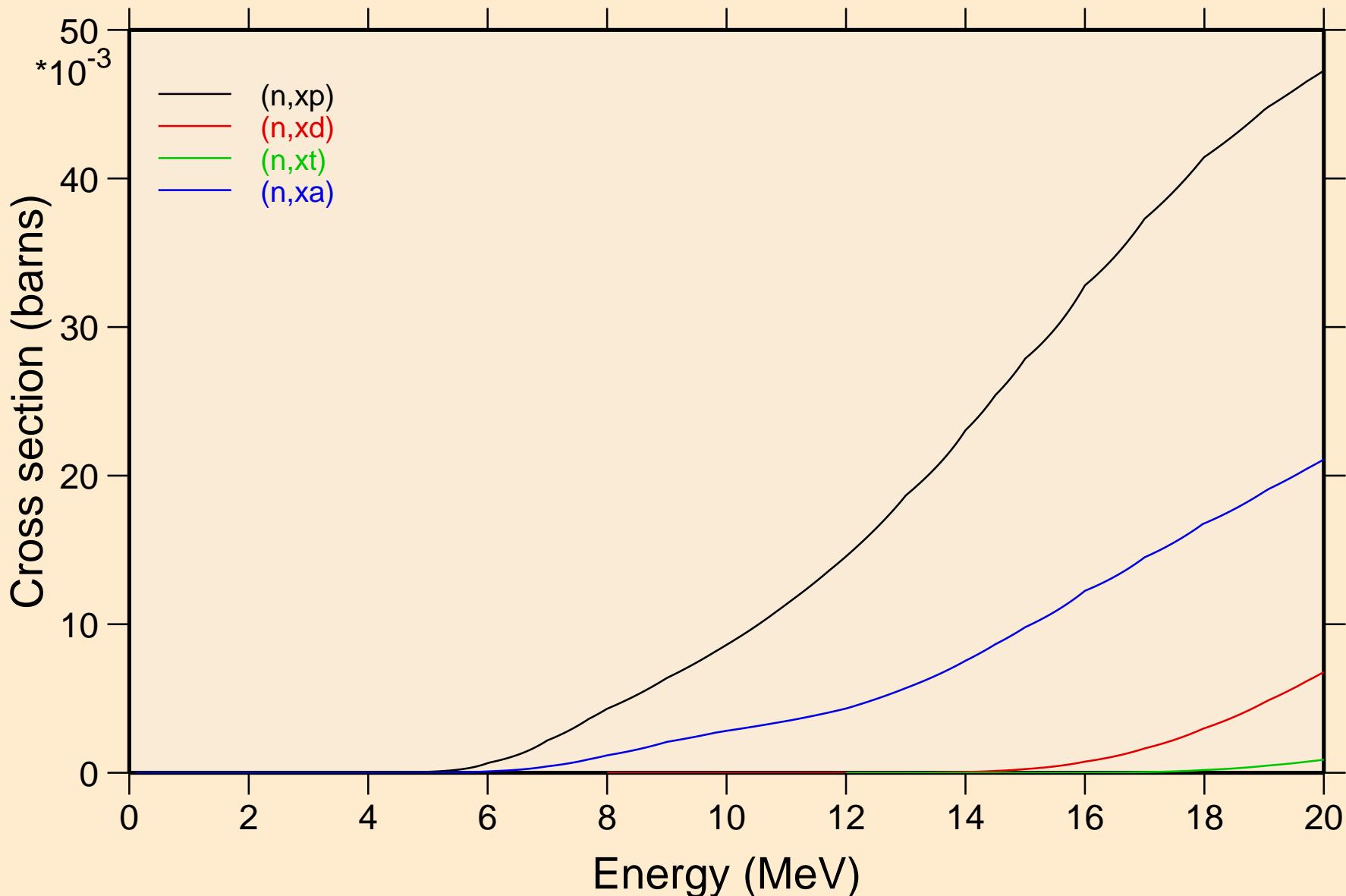
# ENDF/B-VII KR-82

## Threshold reactions

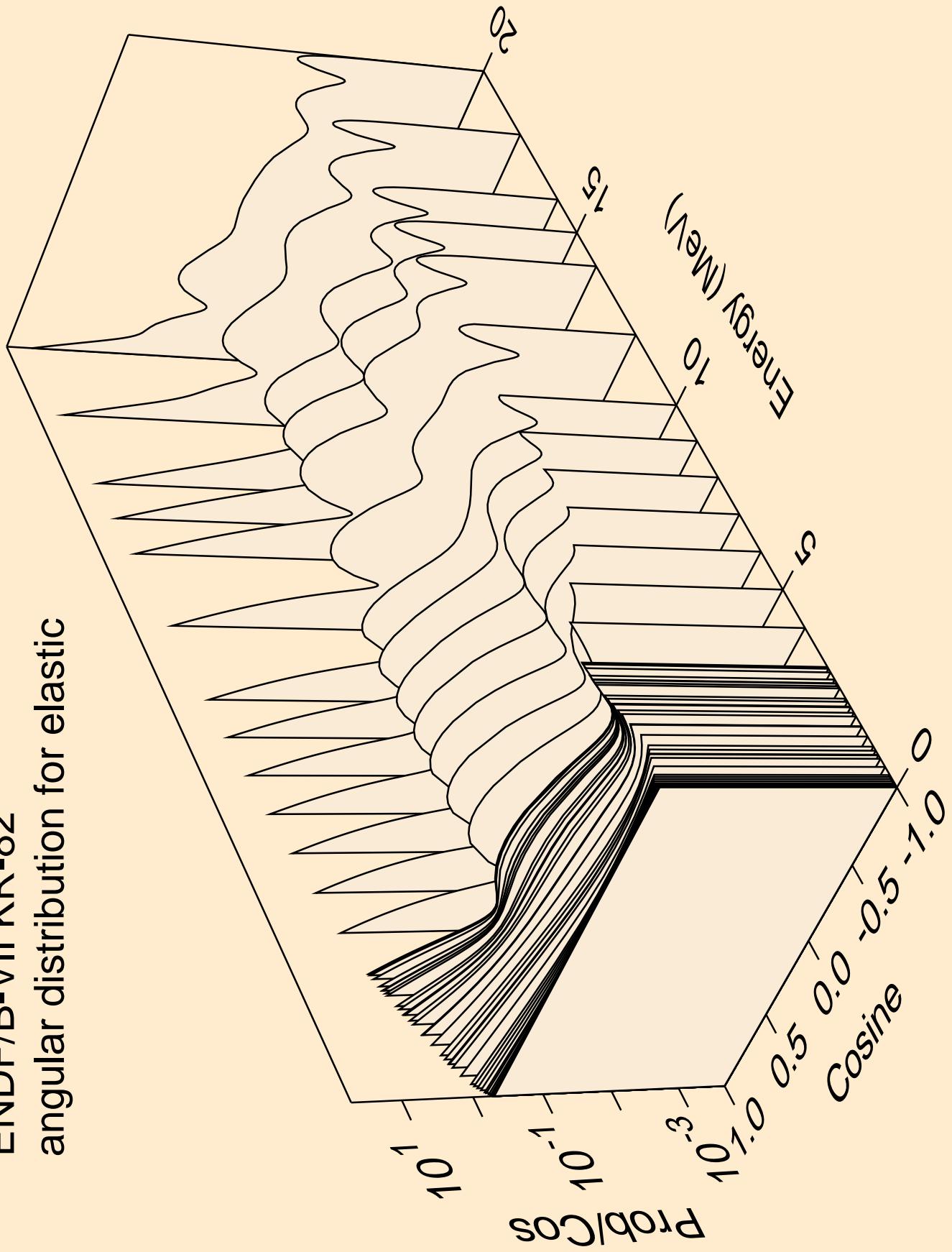


# ENDF/B-VII KR-82

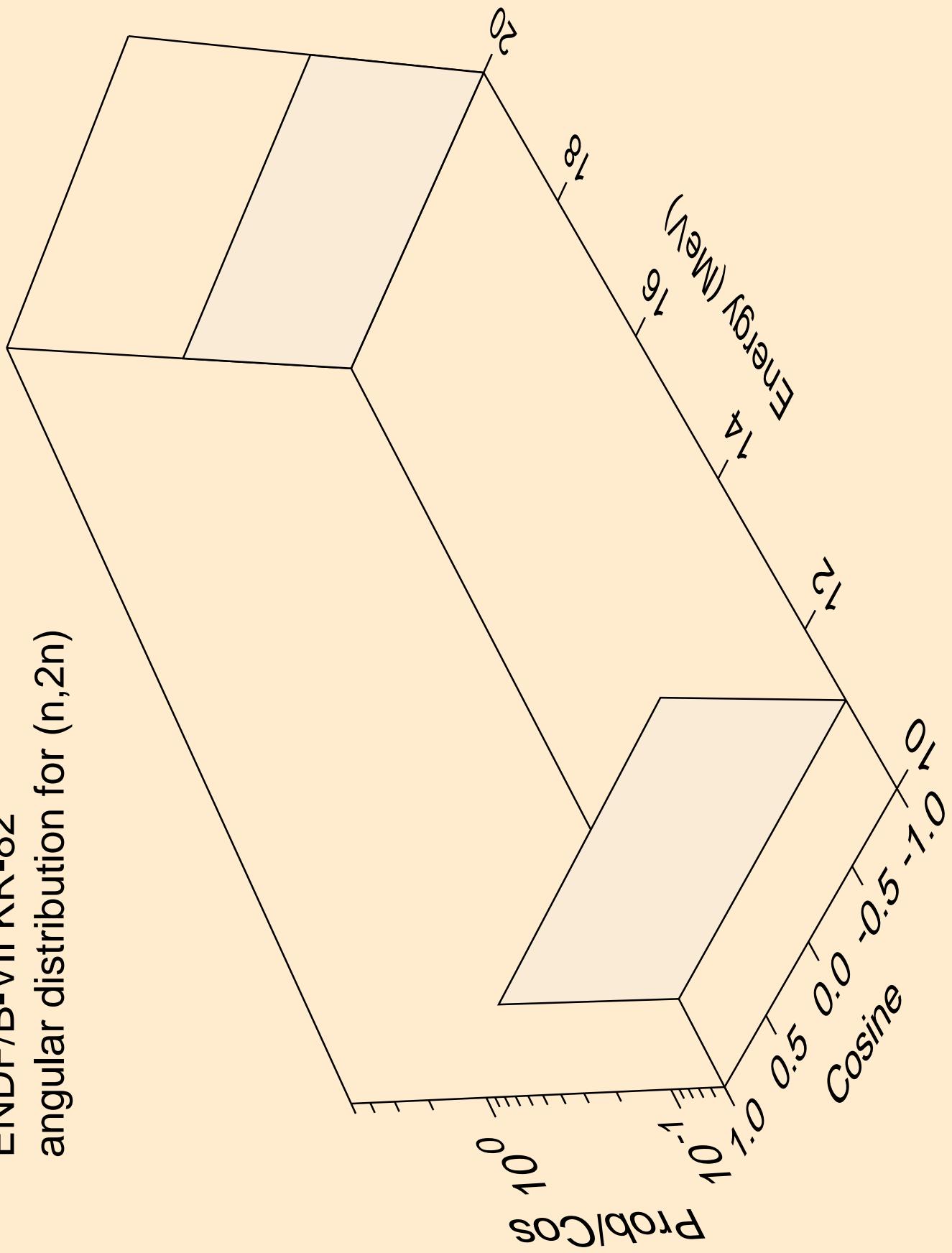
## Threshold reactions



ENDF/B-VII KR-82  
angular distribution for elastic

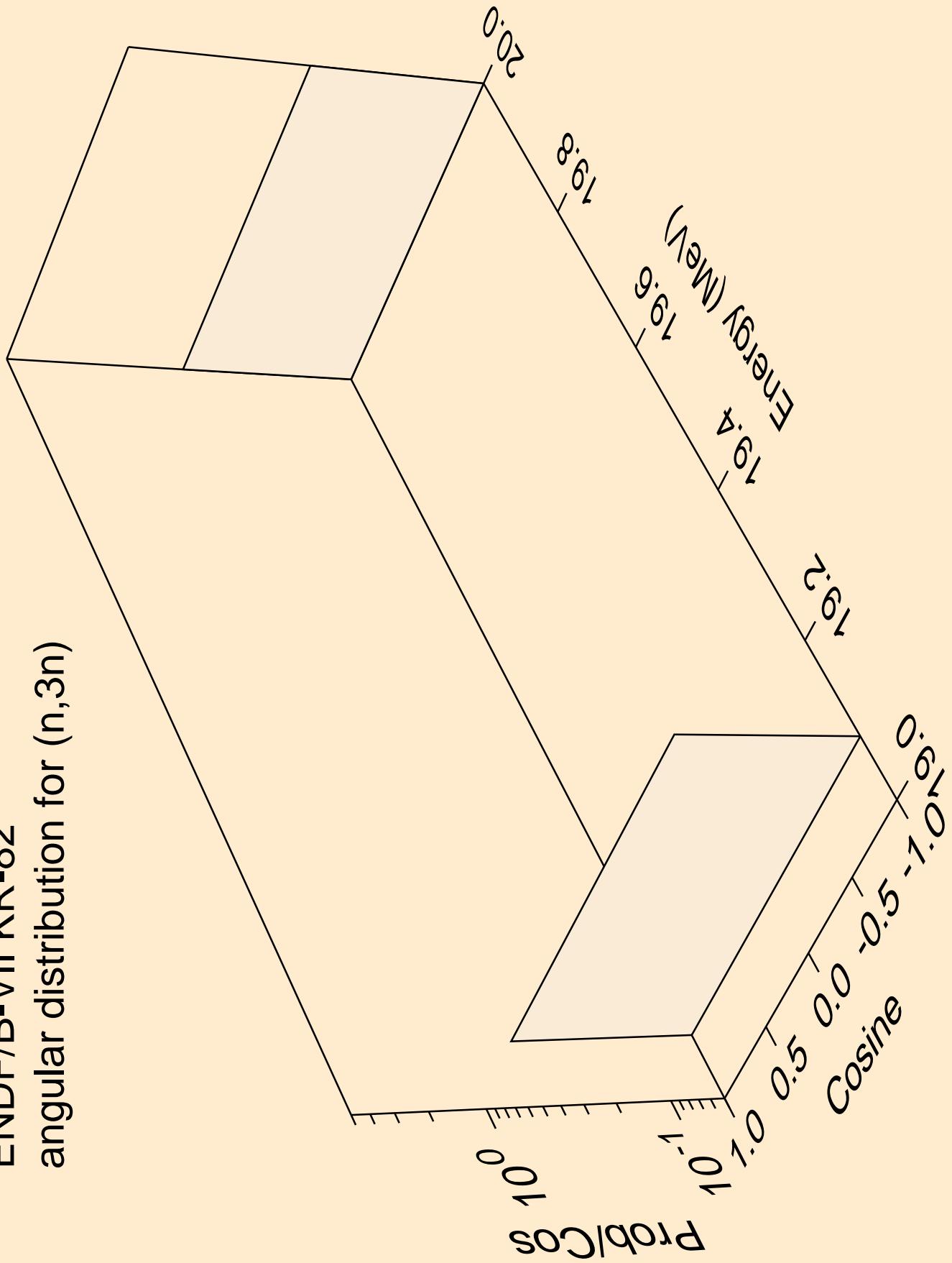


ENDF/B-VII KR-82  
angular distribution for (n,2n)



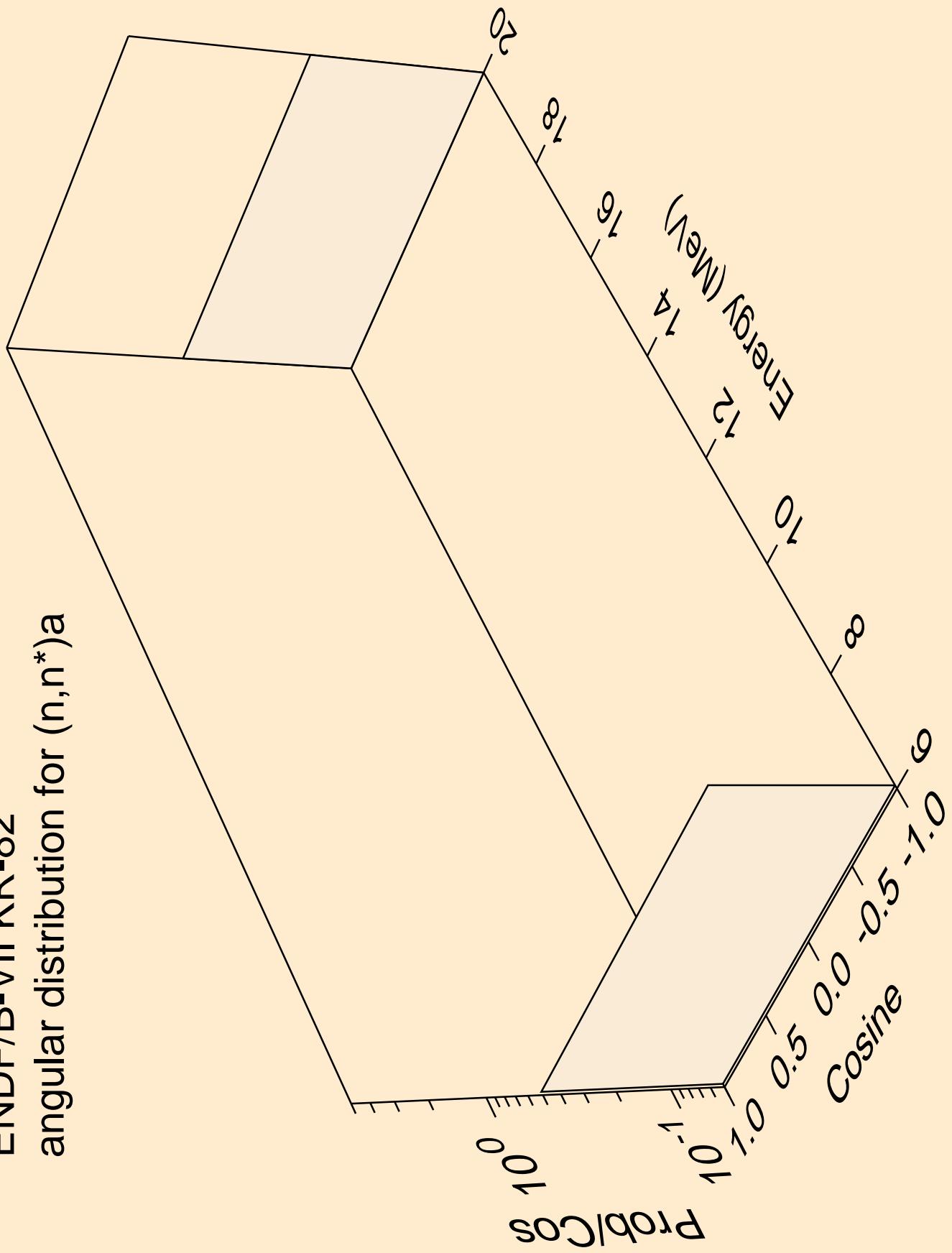
ENDF/B-VII KR-82

angular distribution for (n,3n)



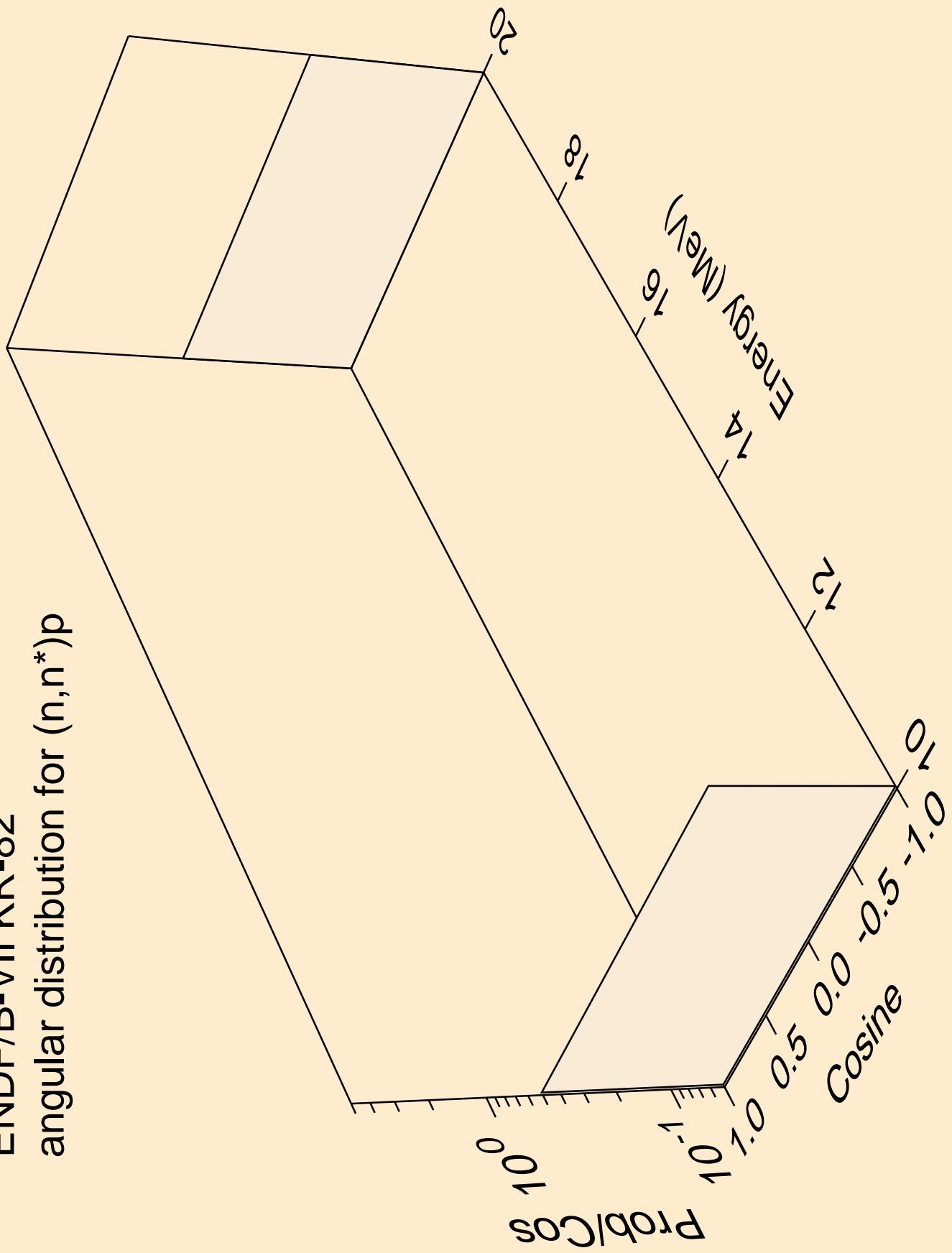
ENDF/B-VII KR-82

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



ENDF/B-VII KR-82

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



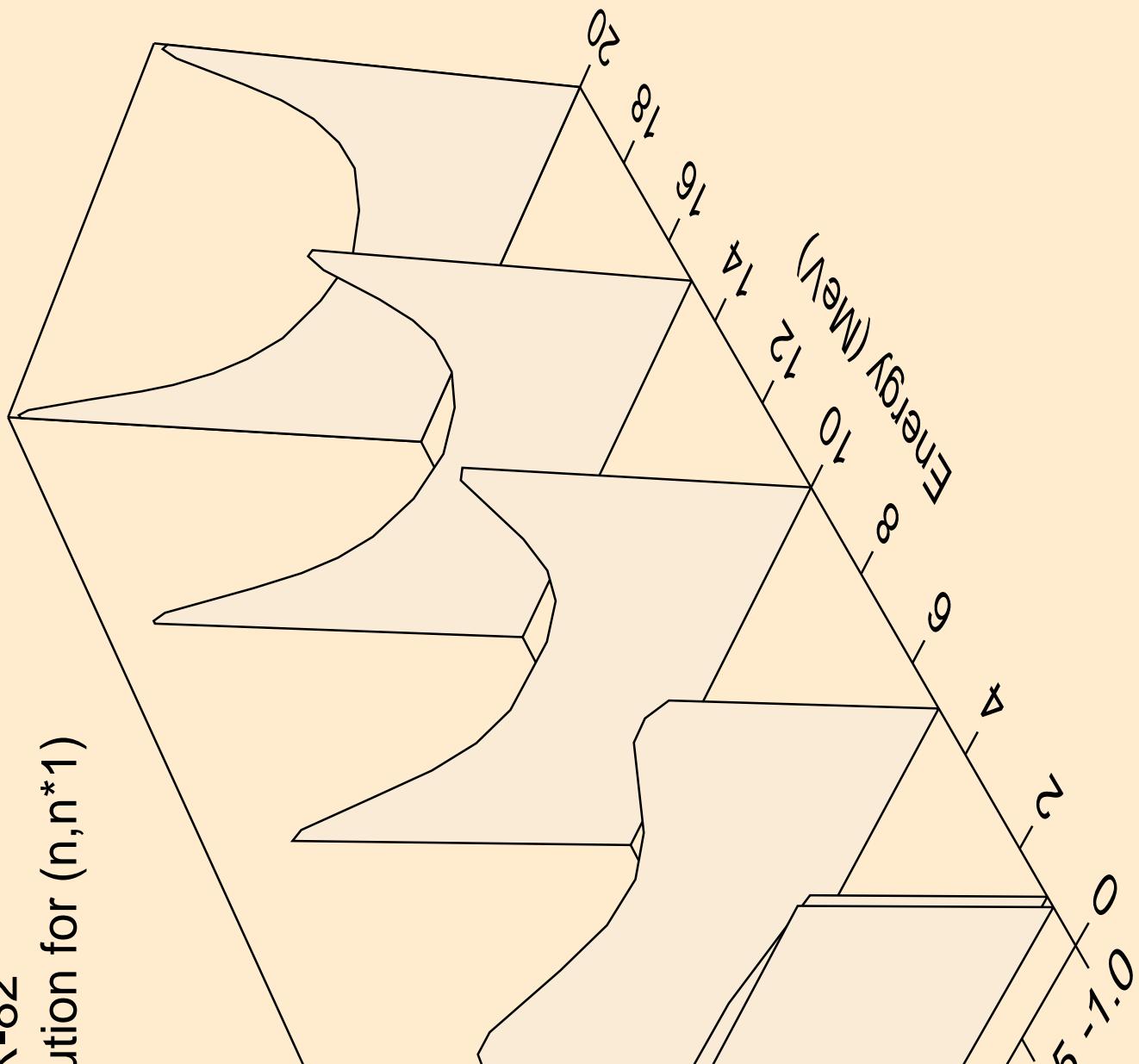
ENDF/B-VII KR-82

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



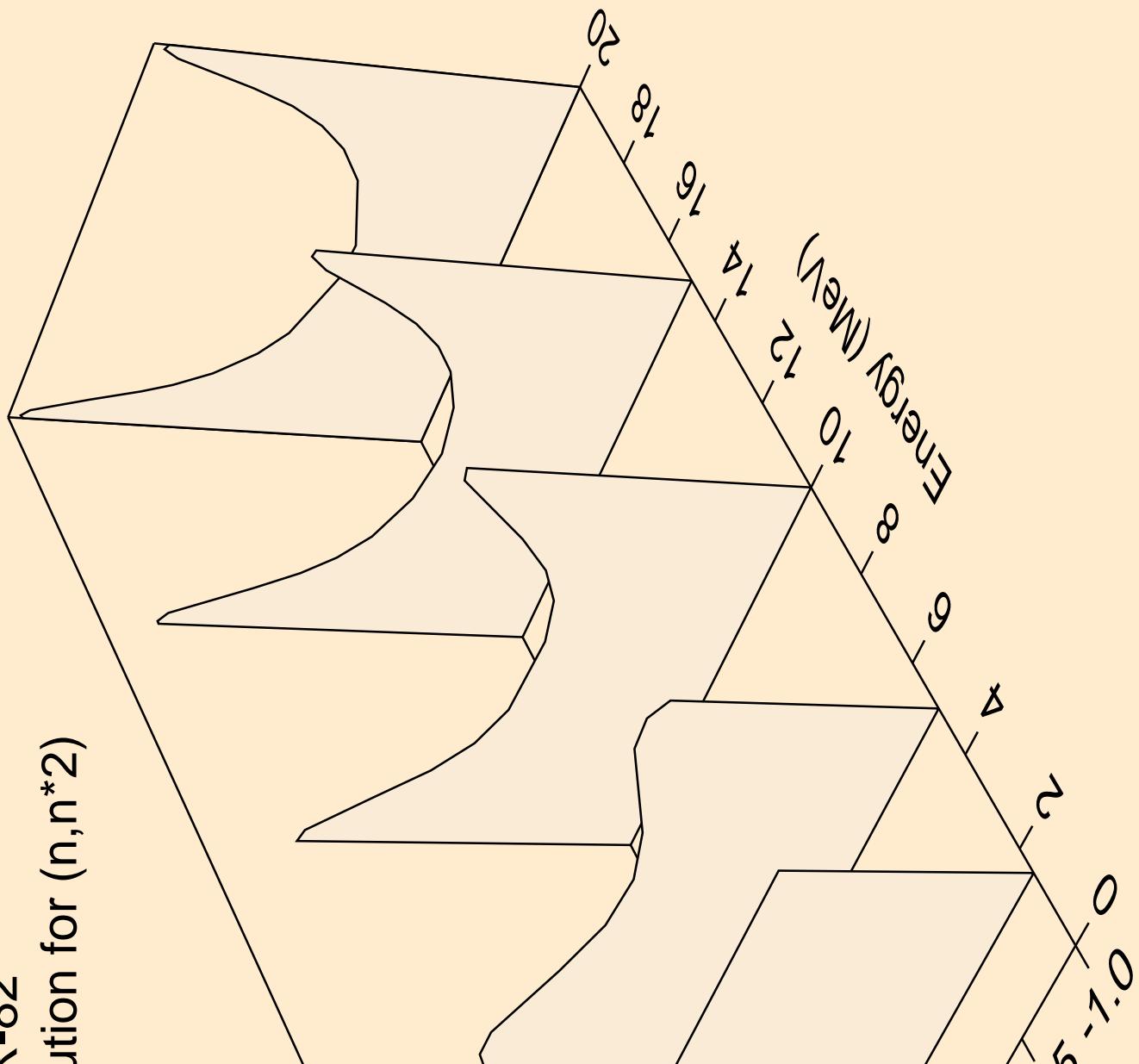
ENDF/B-VII KR-82

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



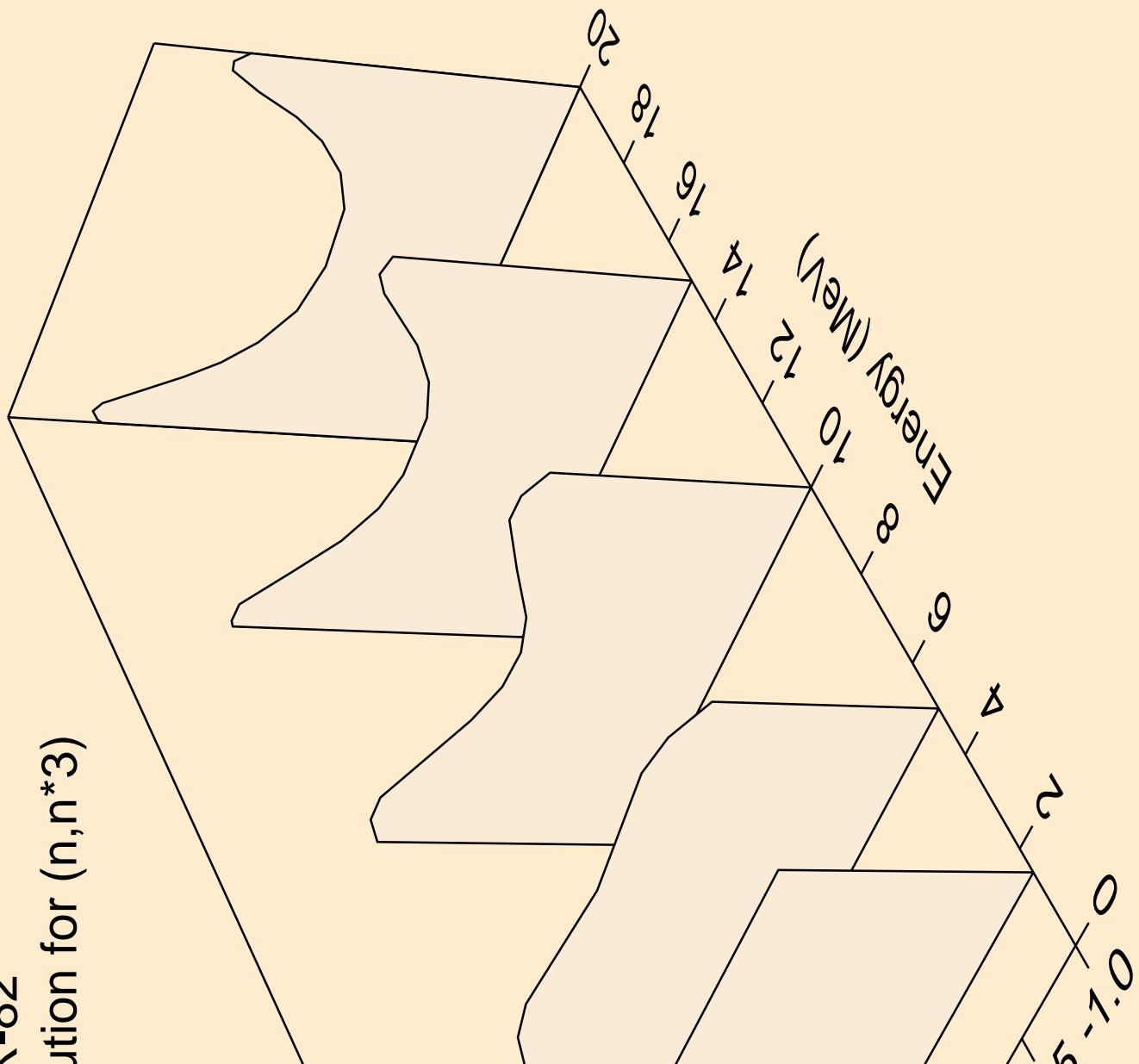
ENDF/B-VII KR-82

angular distribution for (n,n\*3)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



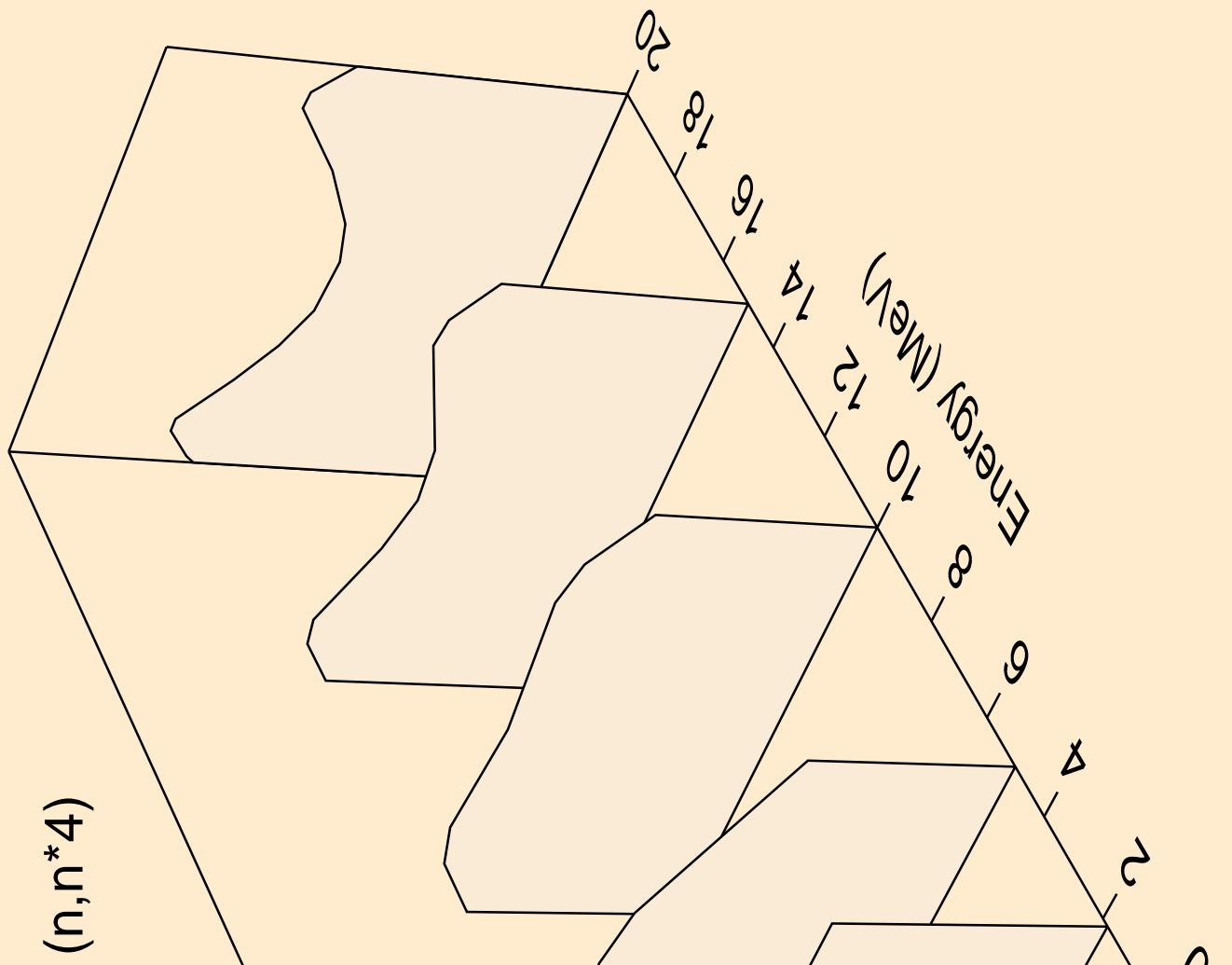
ENDF/B-VII KR-82

angular distribution for (n,n\*4)

$10^0$

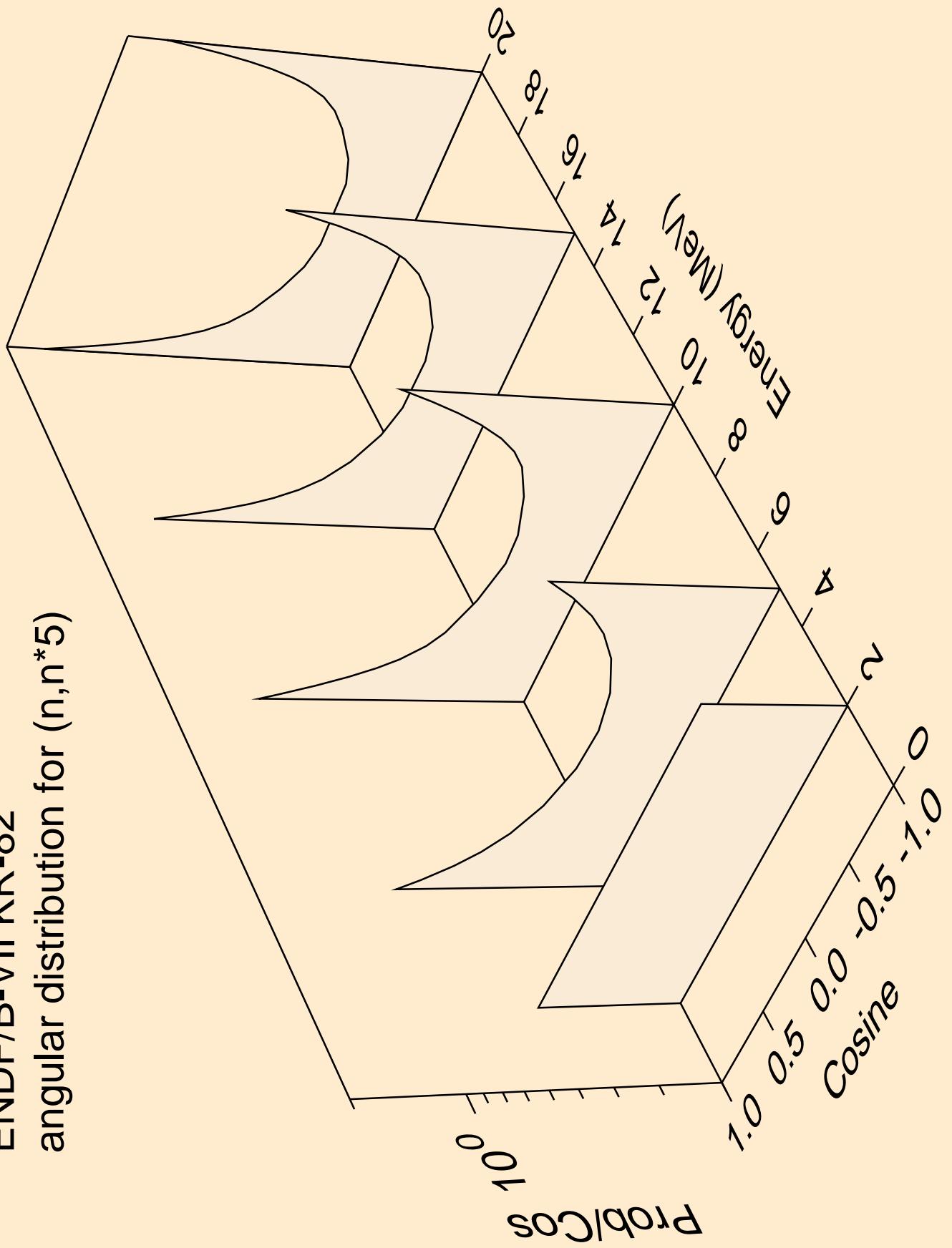
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII KR-82

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



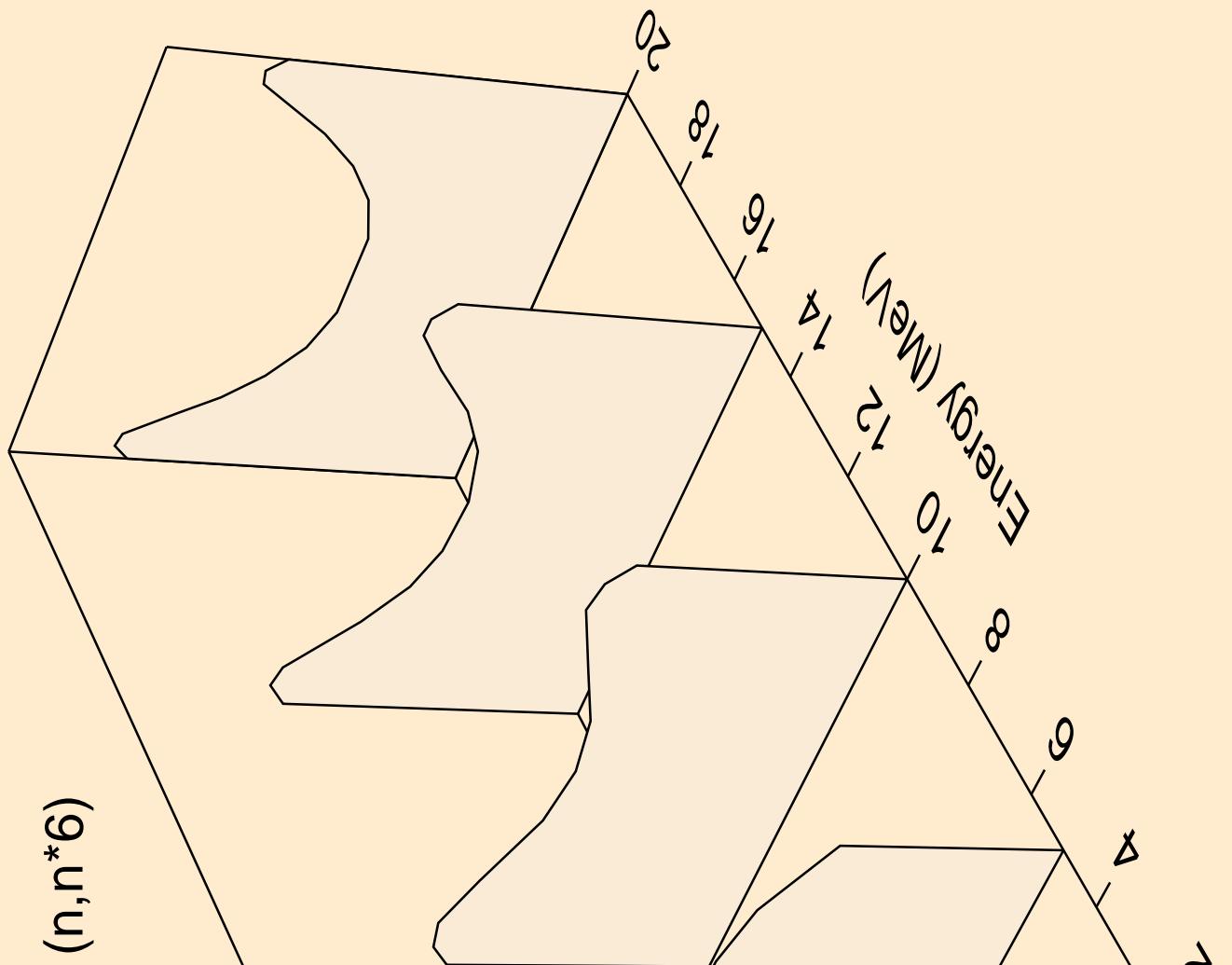
ENDF/B-VII KR-82

angular distribution for (n,n\*6)

$10^0$

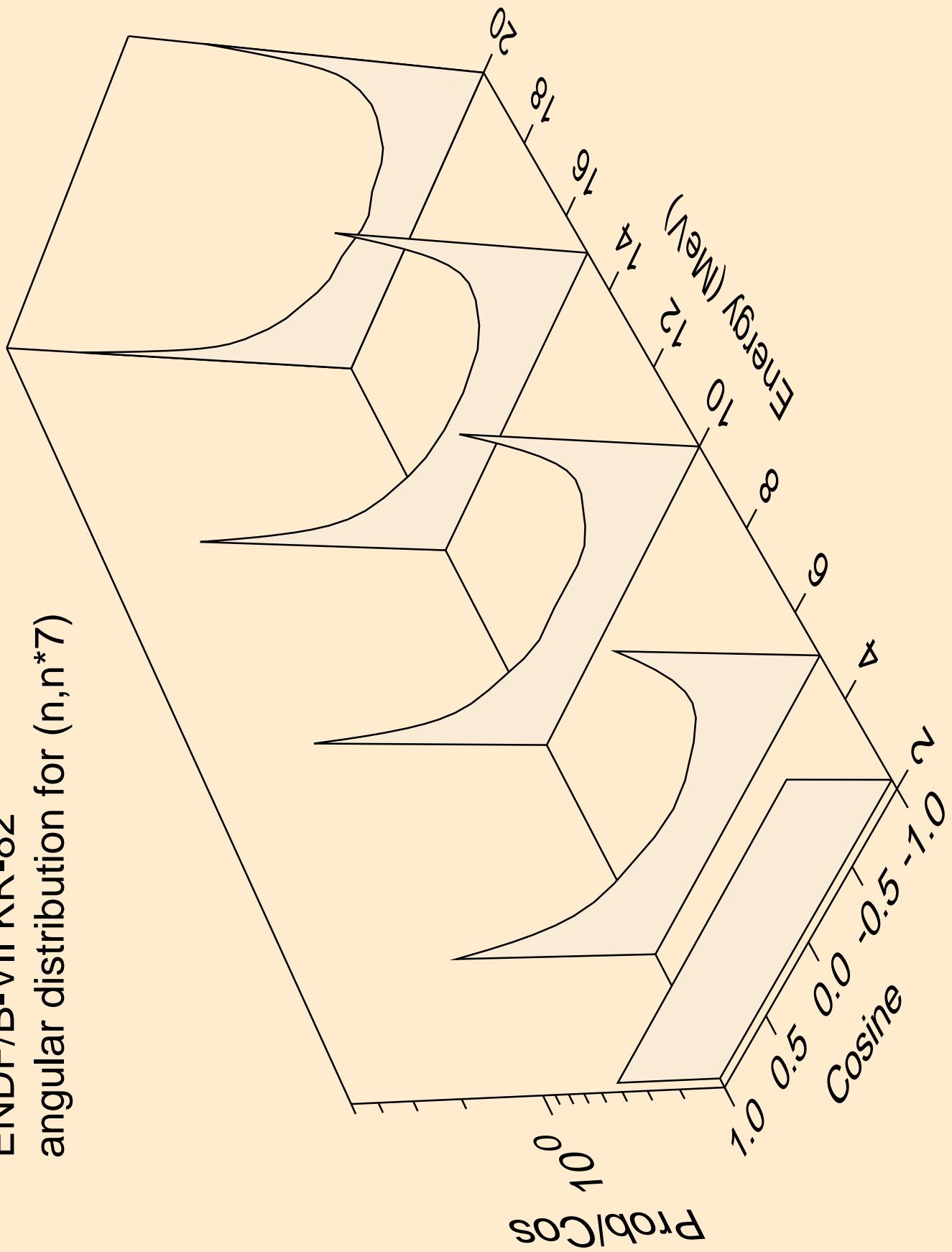
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



ENDF/B-VII KR-82

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



ENDF/B-VII KR-82

angular distribution for (n,n\*8)

$10^0$

Prob/Cos

1.0

0.5

0.0

-0.5

-1.0

Cosine  
-0.5 -0.0 0.5 1.0

Energy (MeV)

10

8

6

4

2

0

20

18

16

14

12

10

8

6

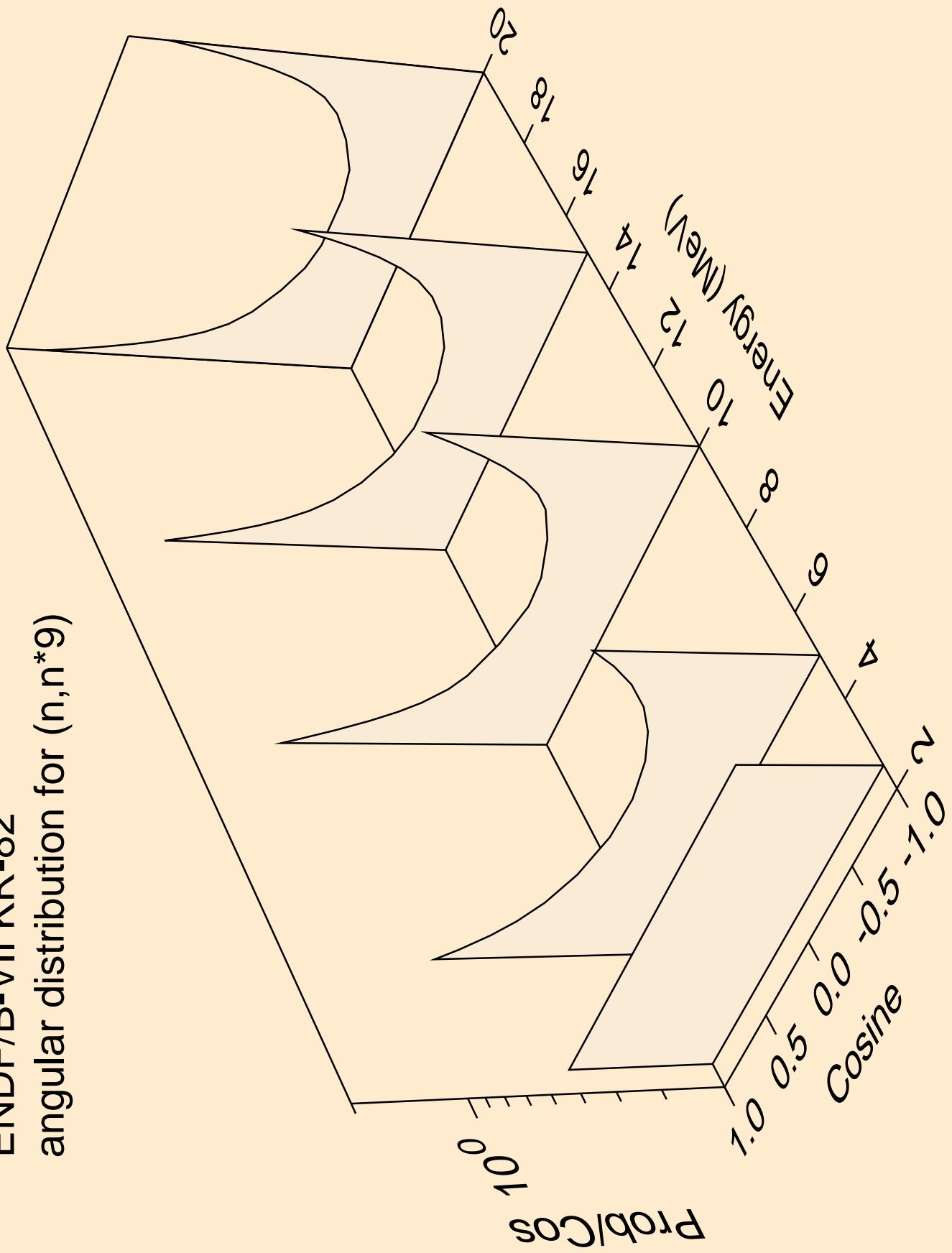
4

2

0

ENDF/B-VII KR-82

angular distribution for (n,n\*9)



ENDF/B-VII KR-82

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

$10^0$

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

20 18 16 14 12 10 8 6 4 2

20 18 16 14 12 10 8 6 4 2

20 18 16 14 12 10 8 6 4 2

20 18 16 14 12 10 8 6 4 2

20 18 16 14 12 10 8 6 4 2

20 18 16 14 12 10 8 6 4 2

20 18 16 14 12 10 8 6 4 2

ENDF/B-VII KR-82

angular distribution for (n,n\*11)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

Energy (MeV)

8

10

12

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII KR-82

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

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine

Energy (MeV)

8

10

12

20

18

16

14

12

10

8

6

4

2

0

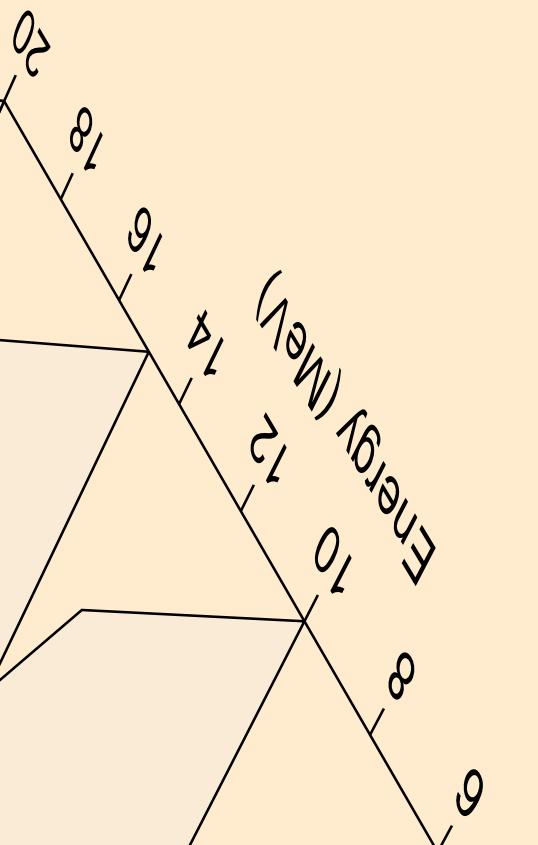
ENDF/B-VII KR-82

angular distribution for (n,n\*13)

$10^0$

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0  
Cosine



1.0 0.5 0.0 -0.5 -1.0  
Cosine

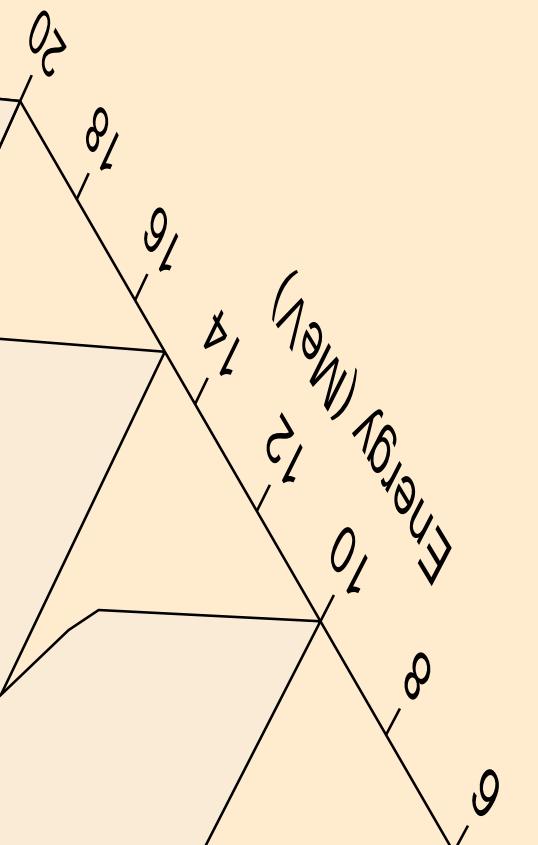
ENDF/B-VII KR-82

angular distribution for (n,n\*14)

$10^0$

Prob/Cos

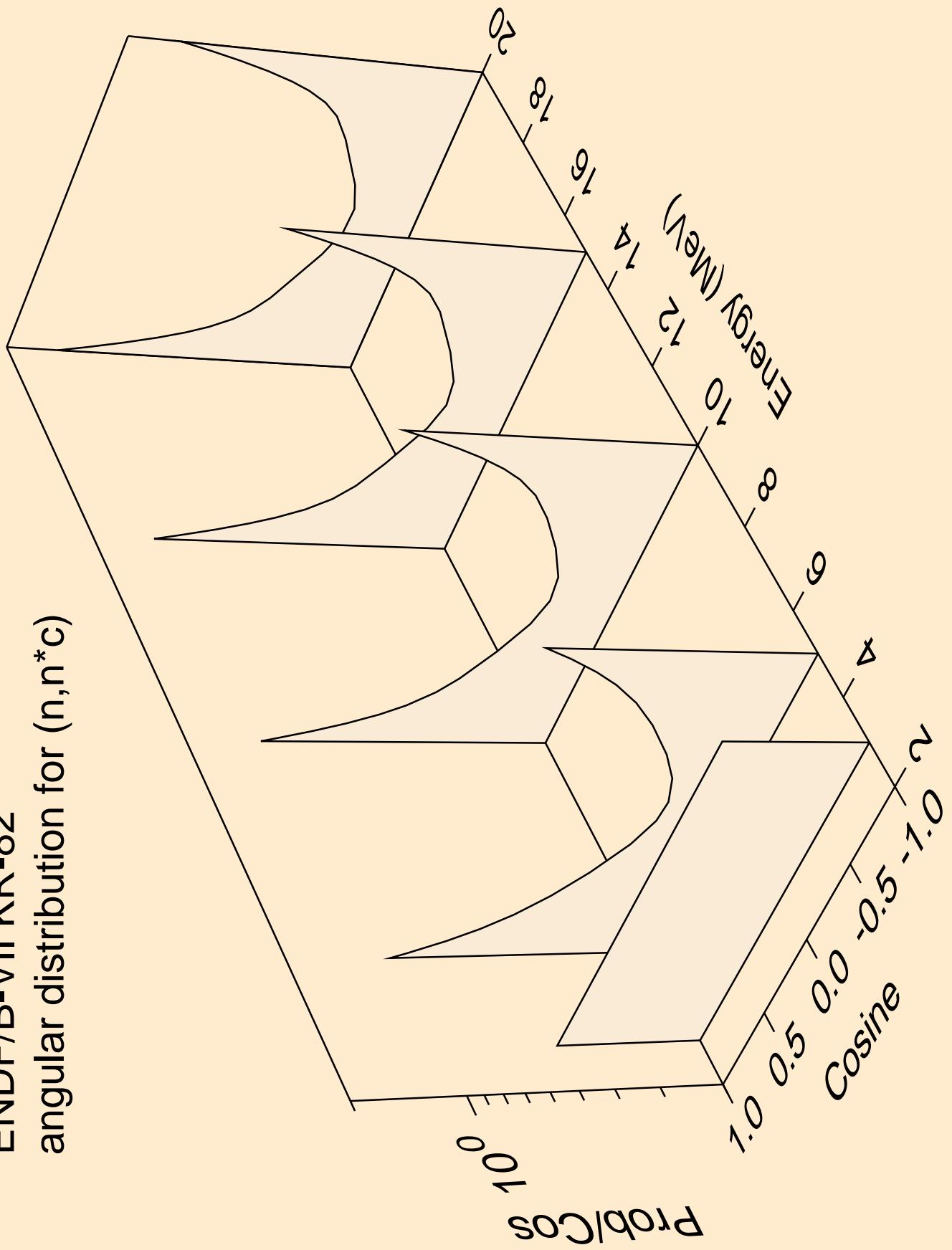
1.0 0.5 0.0 -0.5 -1.0  
Cosine



10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup>  
Energy (MeV)

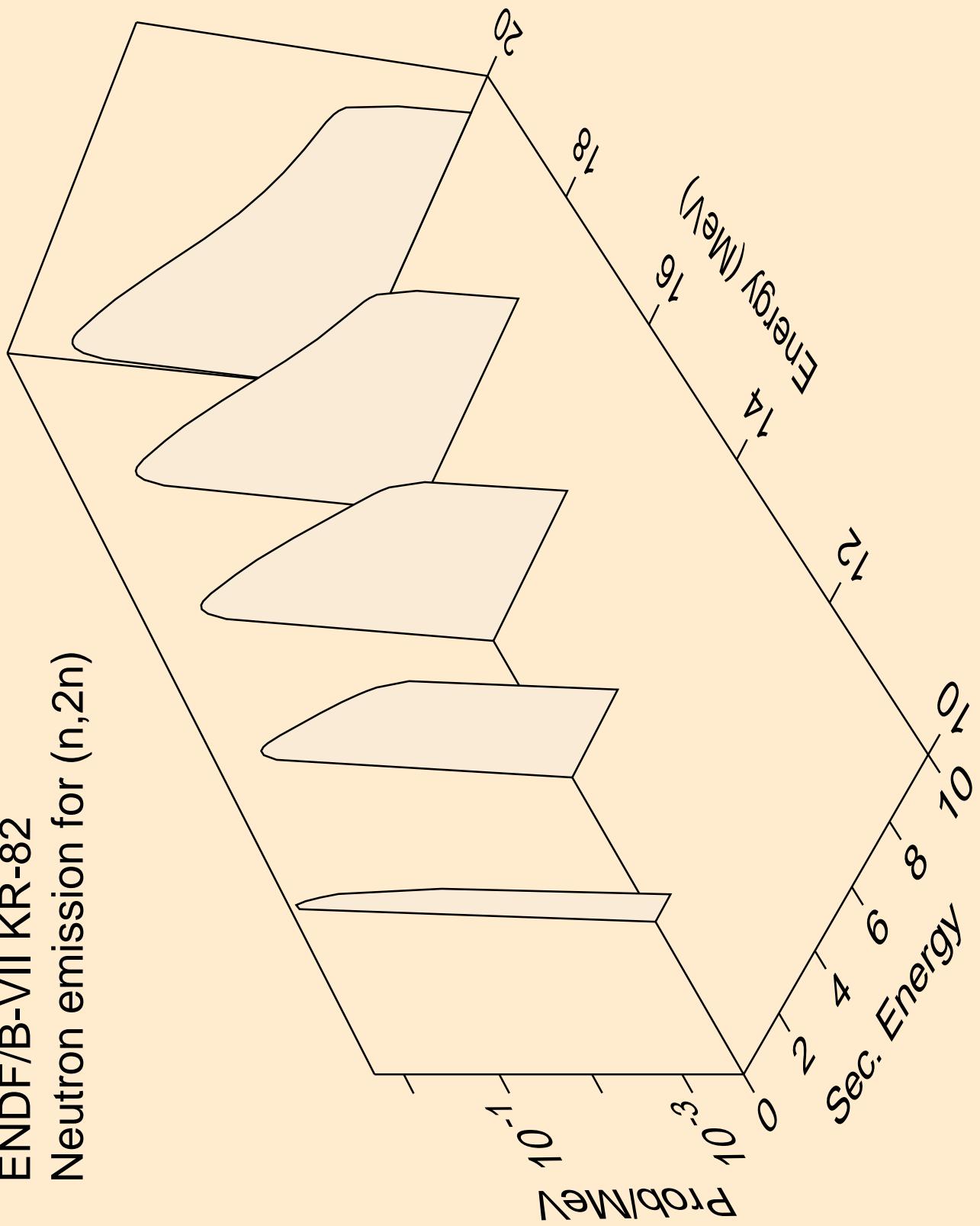
ENDF/B-VII KR-82

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



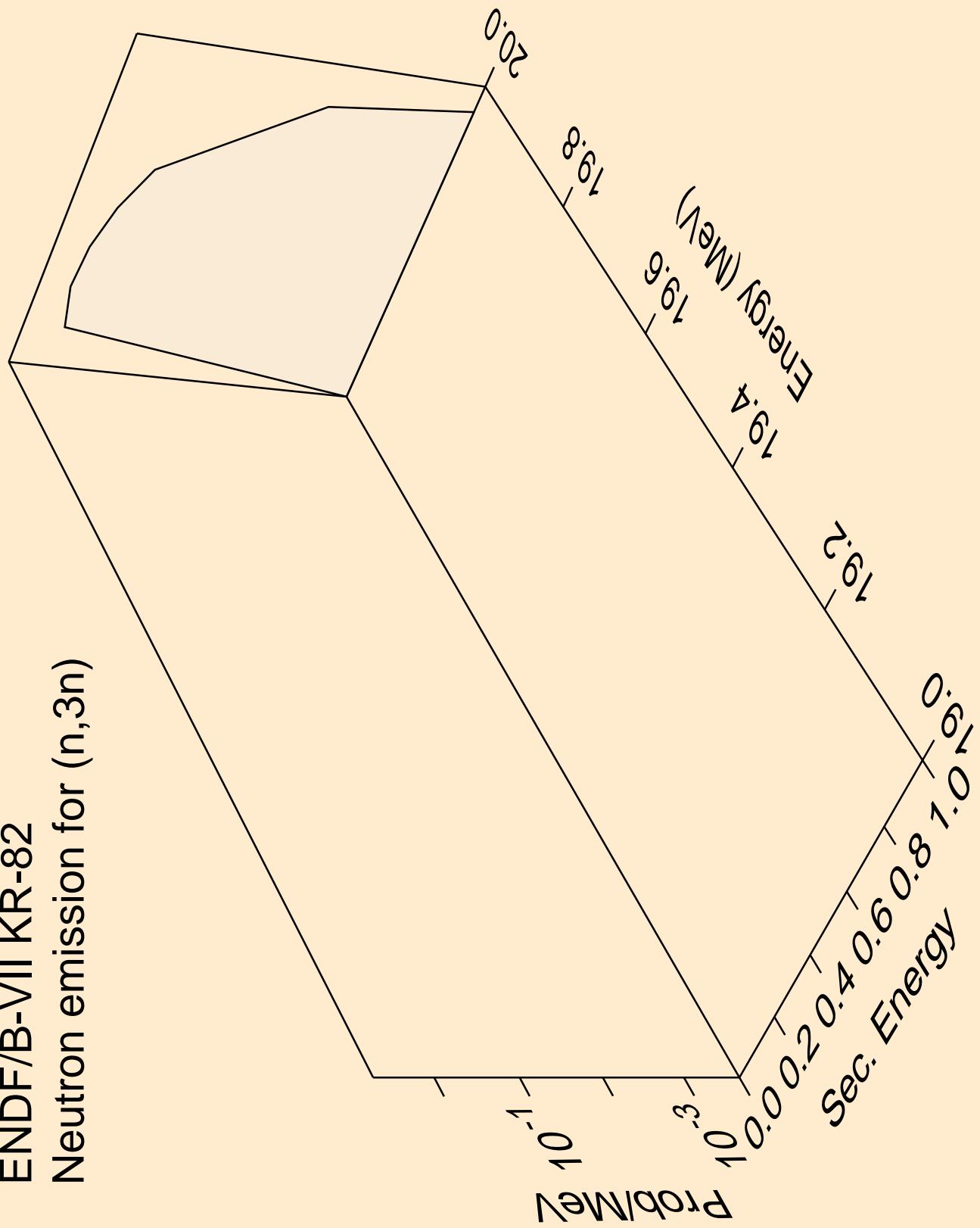
ENDF/B-VII KR-82

Neutron emission for  $(n,2n)$



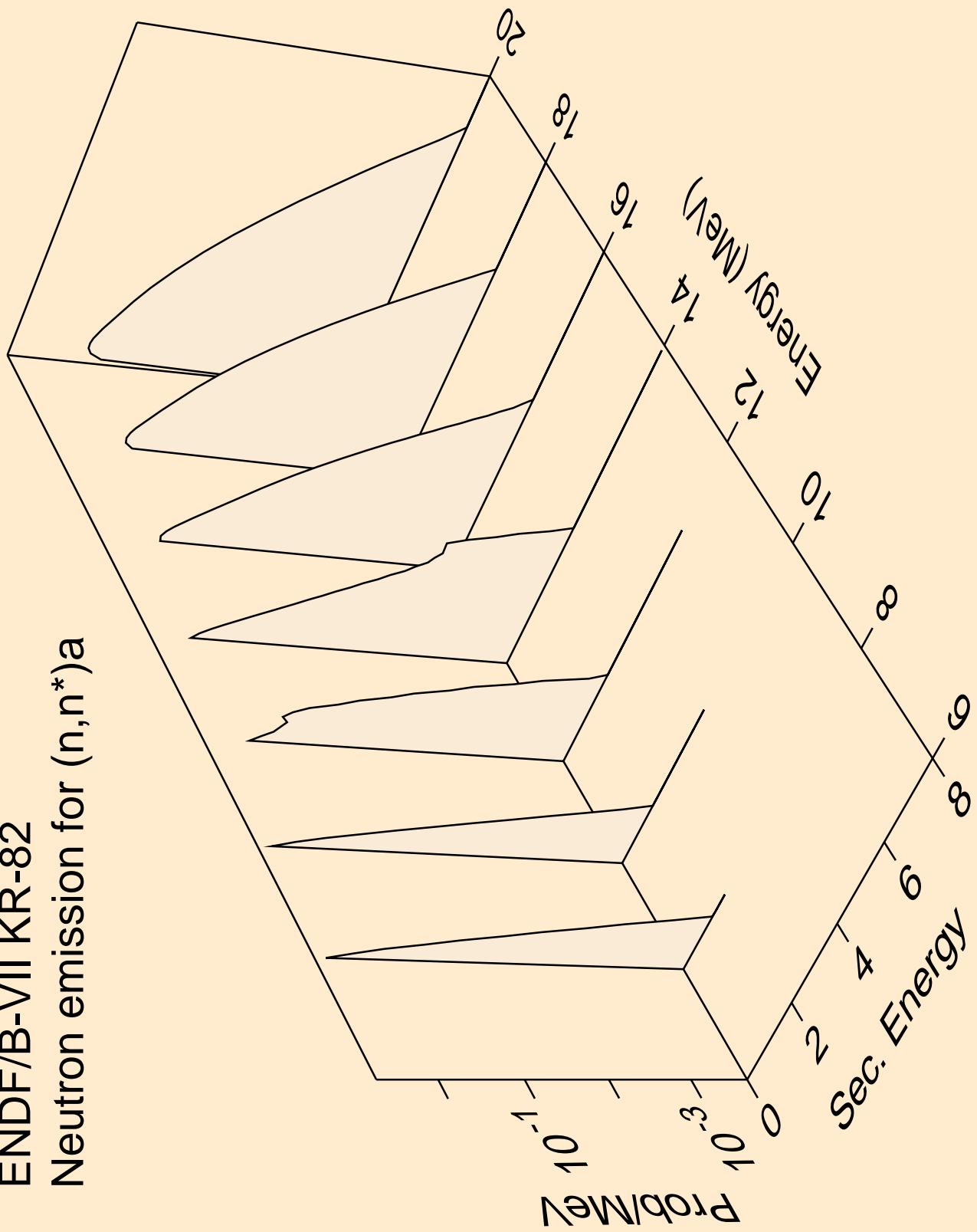
ENDF/B-VII KR-82

Neutron emission for  $(n,3n)$



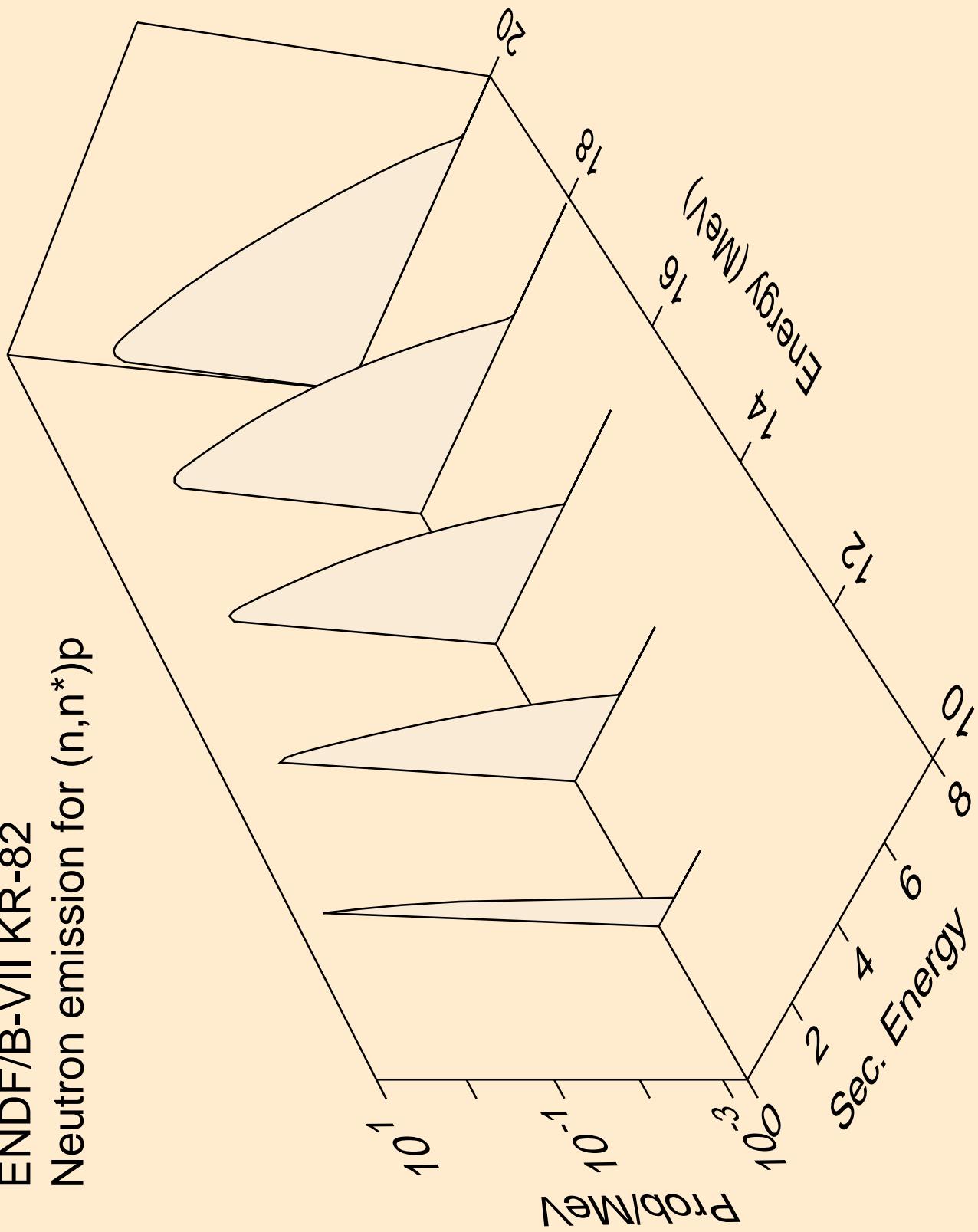
ENDF/B-VII KR-82

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



ENDF/B-VII KR-82

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



ENDF/B-VII KR-82

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

