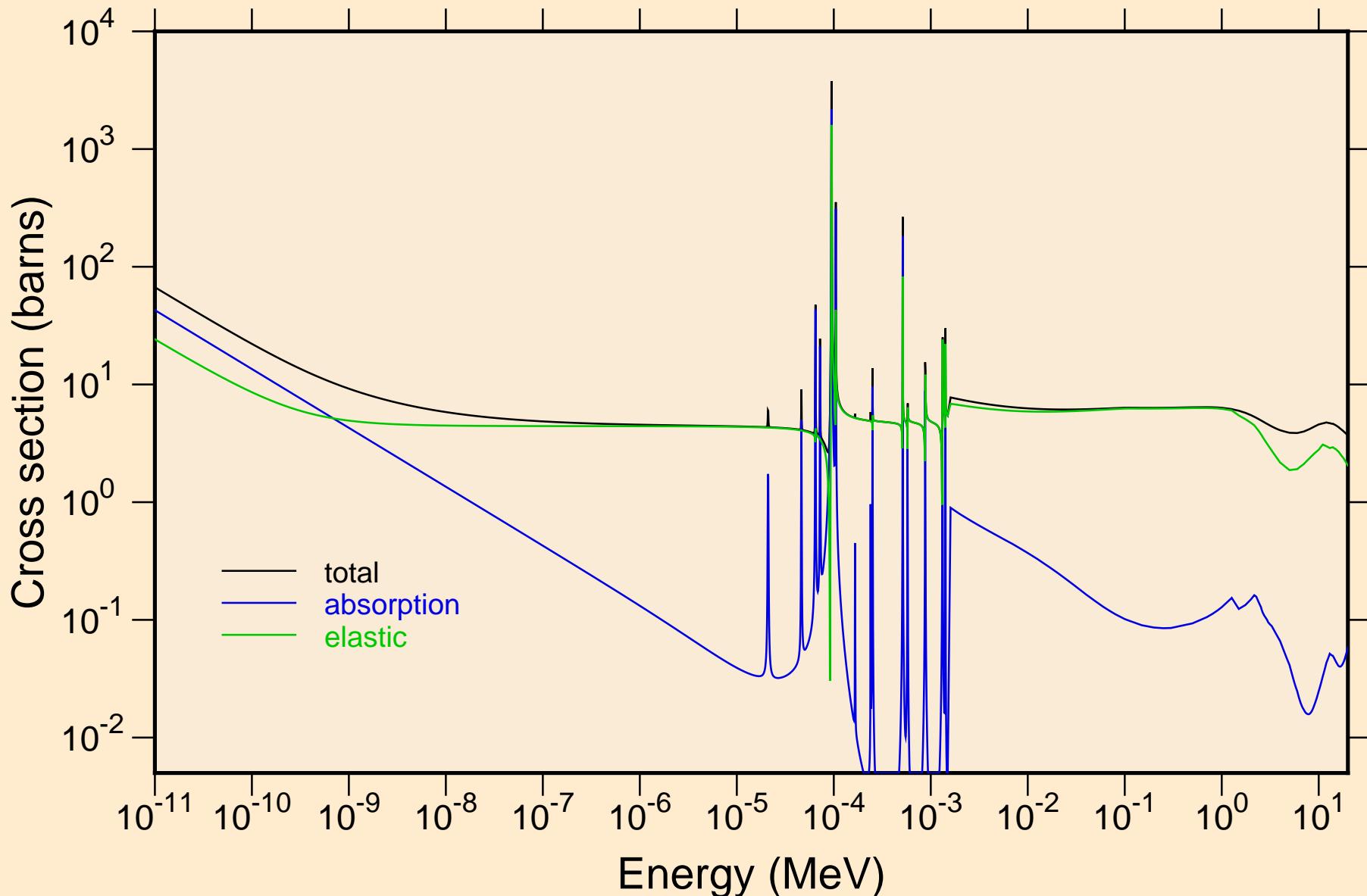
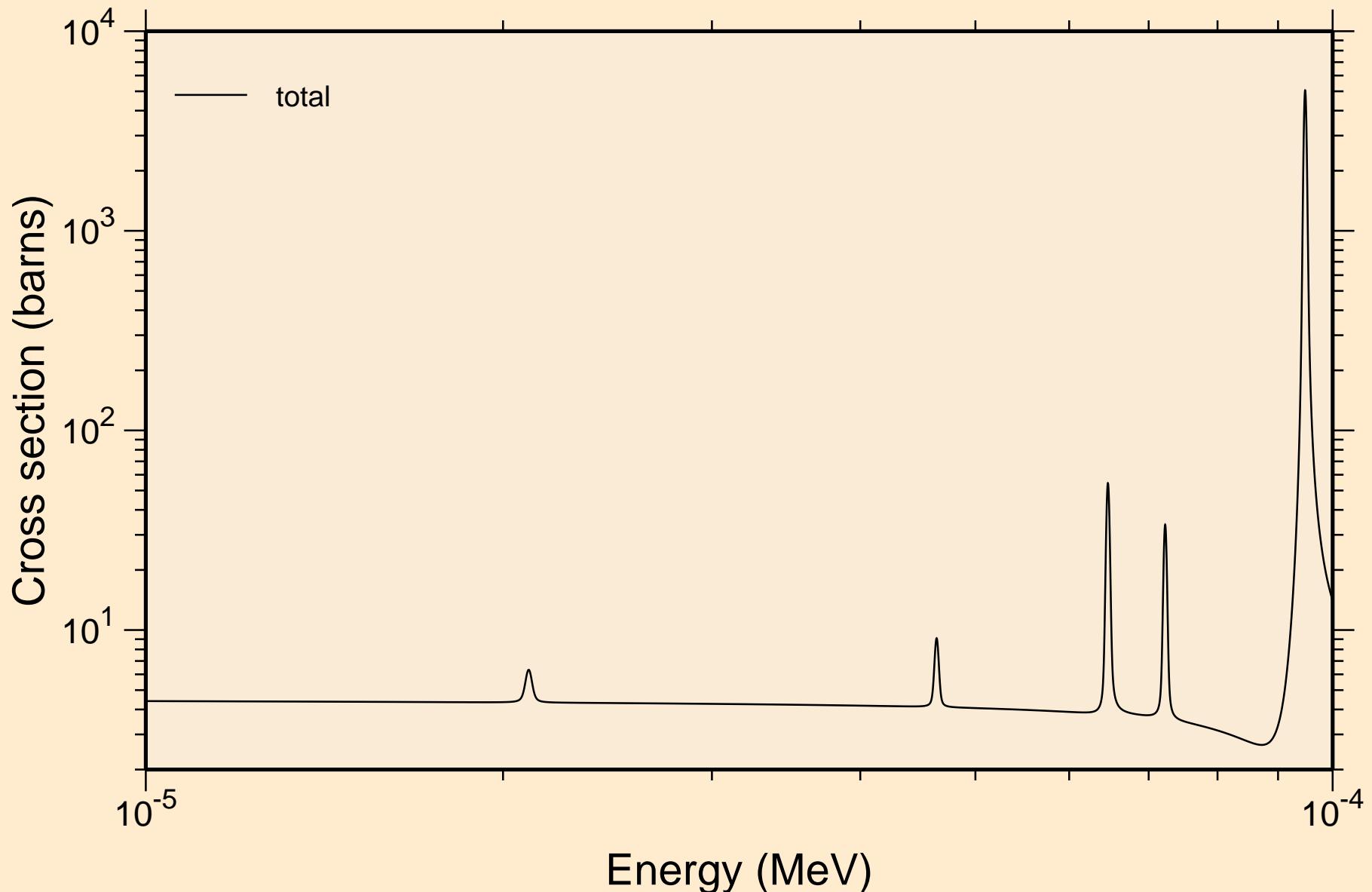


ENDF/B-VII SN-112

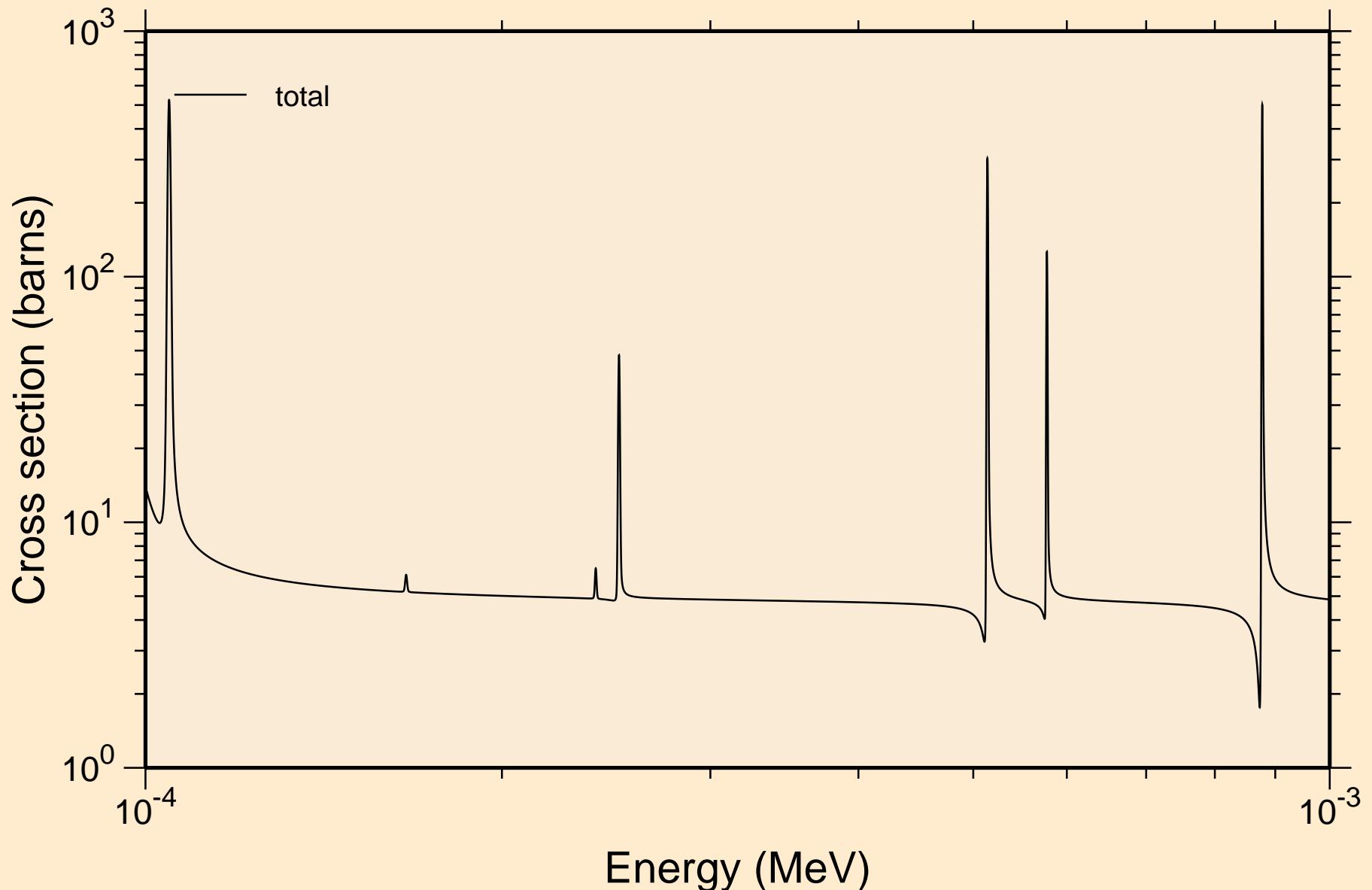
Principal cross sections



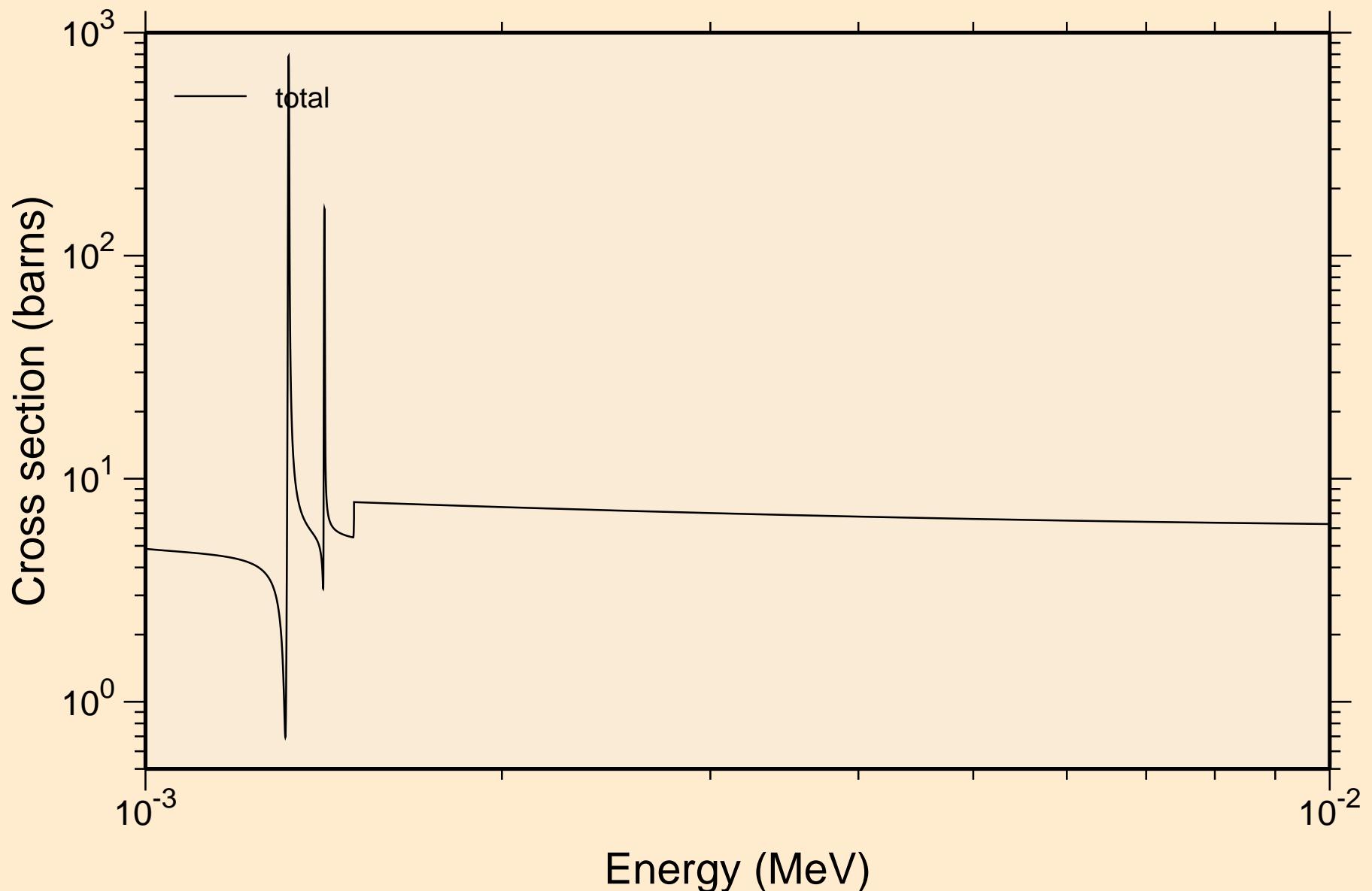
ENDF/B-VII SN-112
resonance total cross section



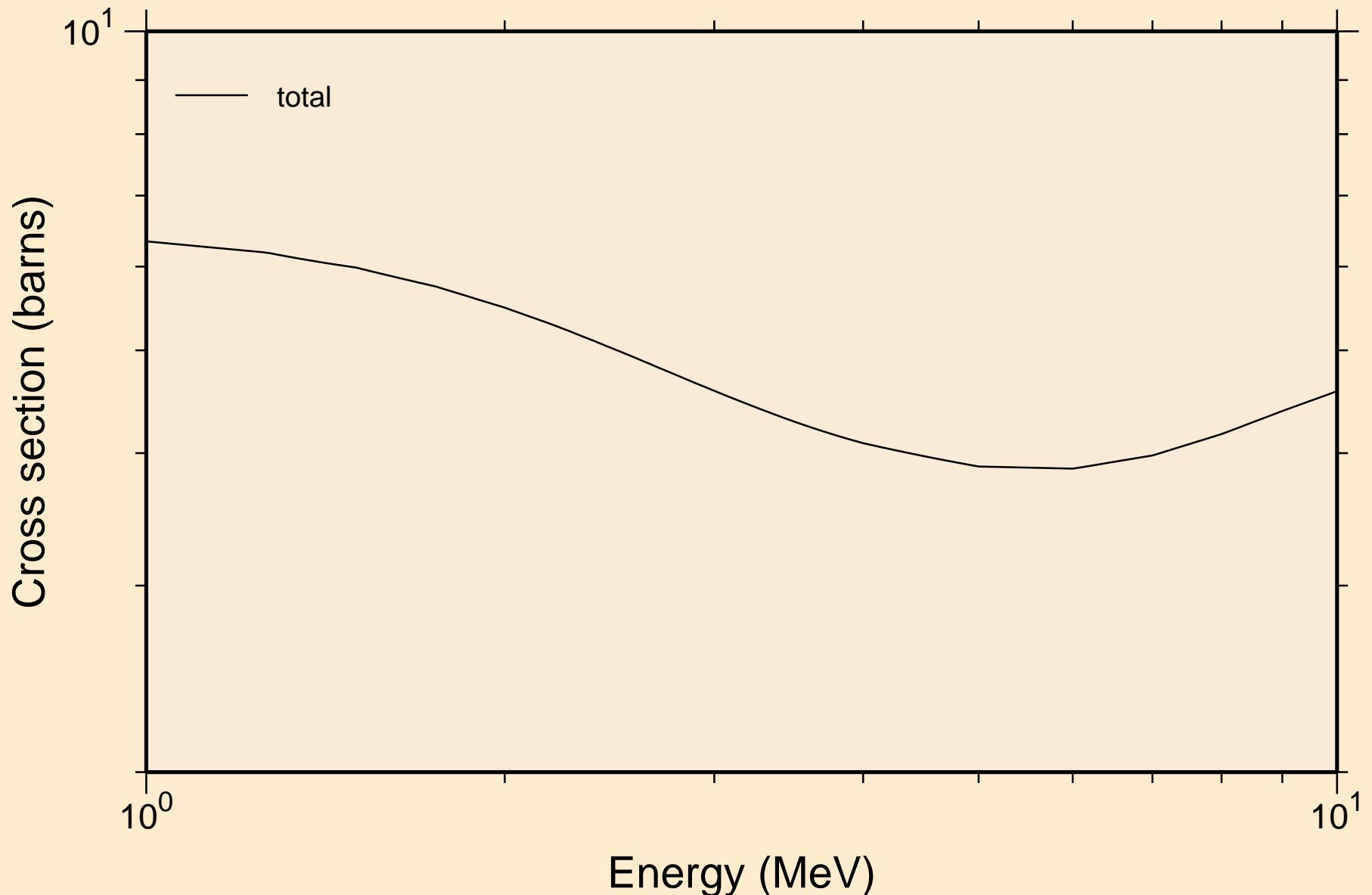
ENDF/B-VII SN-112
resonance total cross section



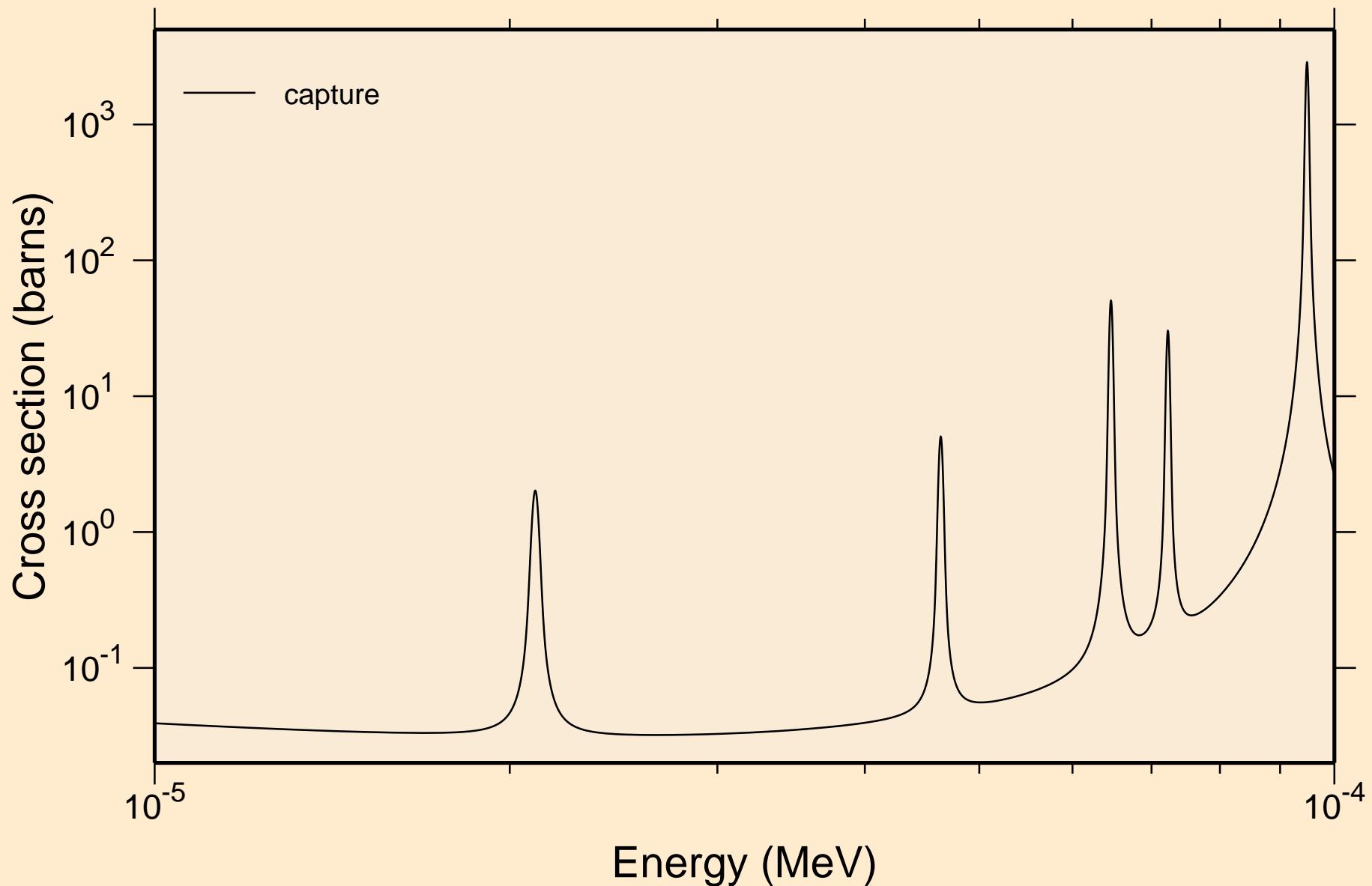
ENDF/B-VII SN-112
resonance total cross section



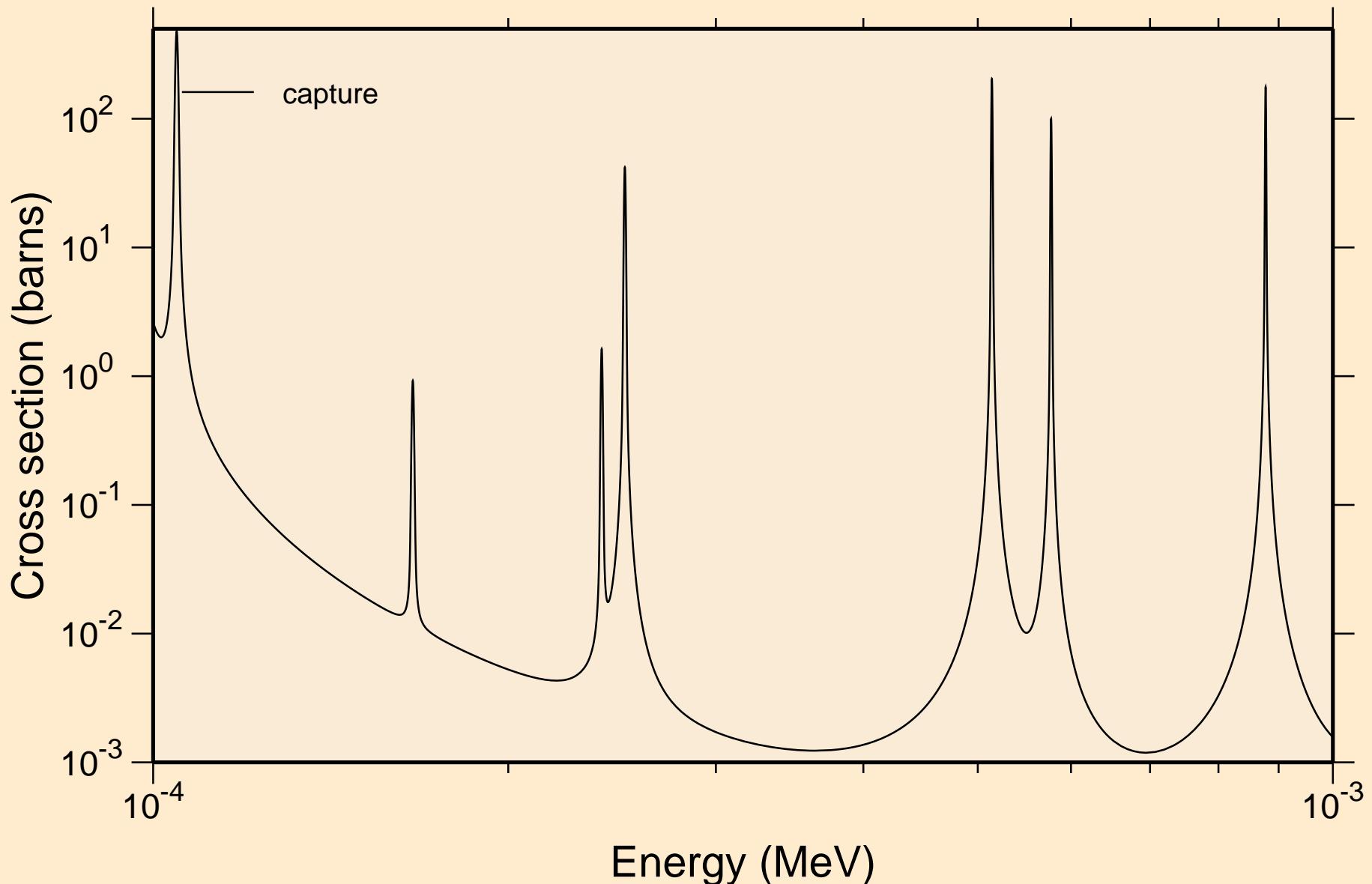
ENDF/B-VII SN-112
resonance total cross section



ENDF/B-VII SN-112 resonance absorption cross sections

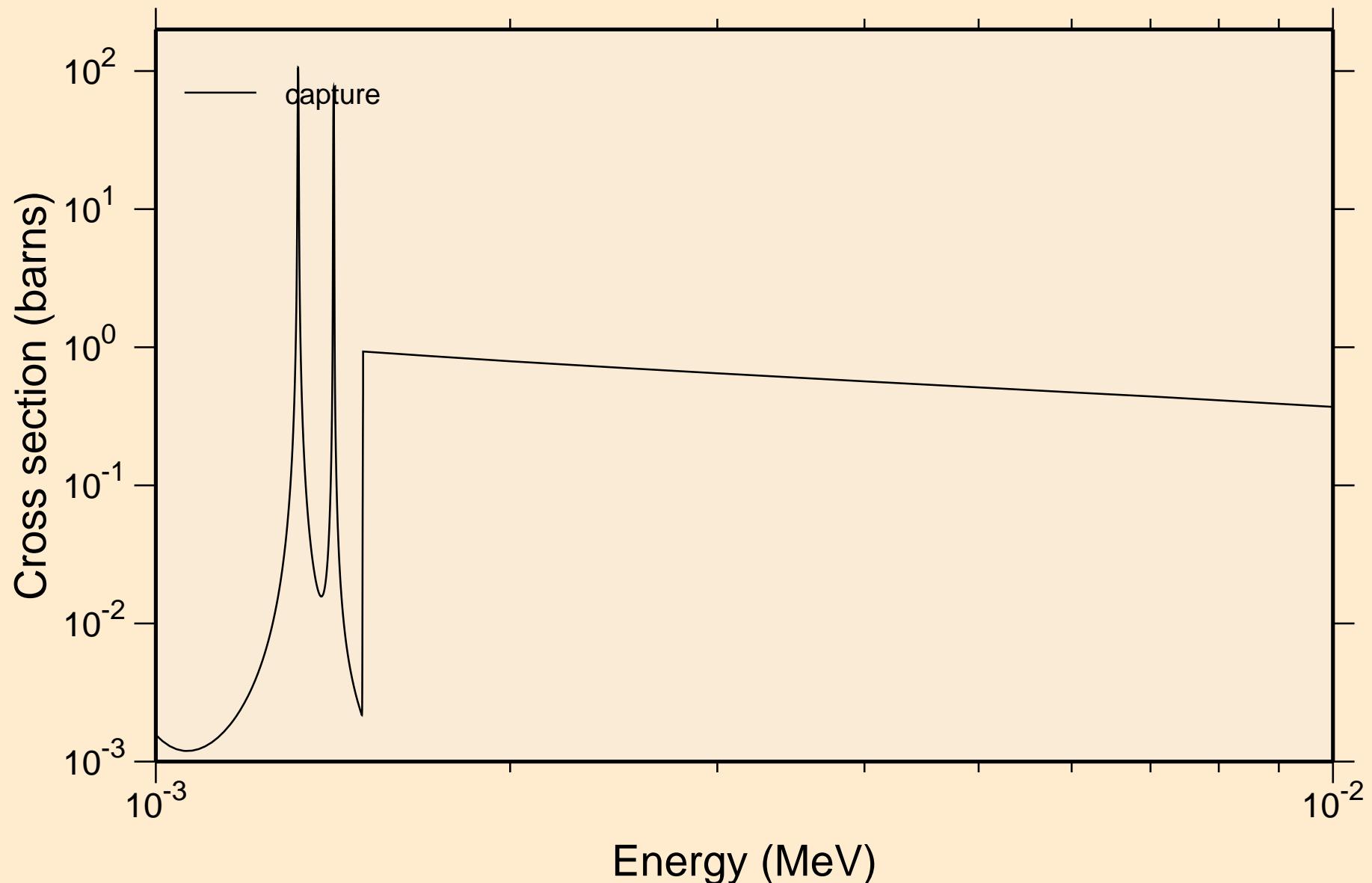


ENDF/B-VII SN-112 resonance absorption cross sections

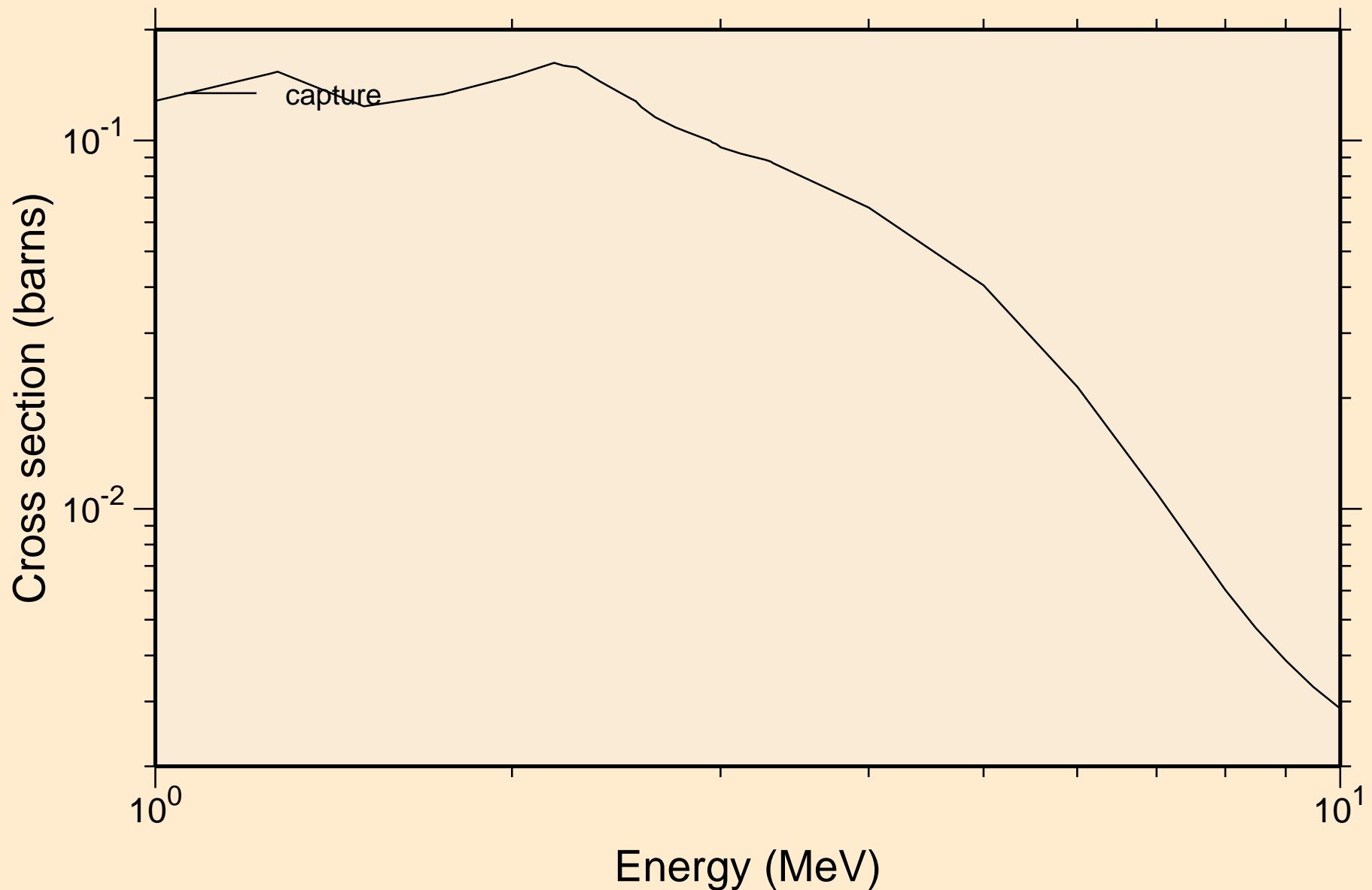


ENDF/B-VII SN-112

resonance absorption cross sections

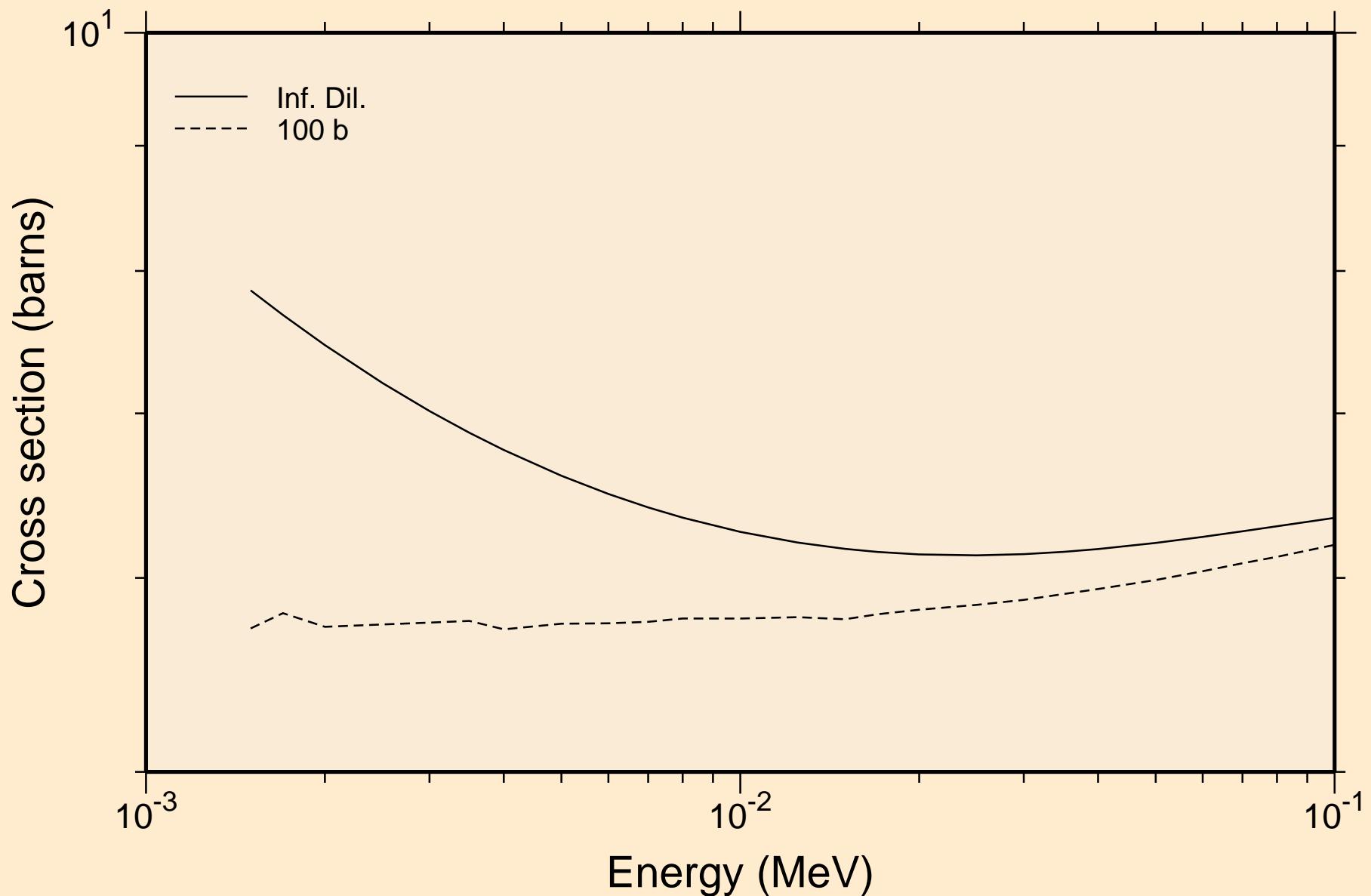


ENDF/B-VII SN-112 resonance absorption cross sections



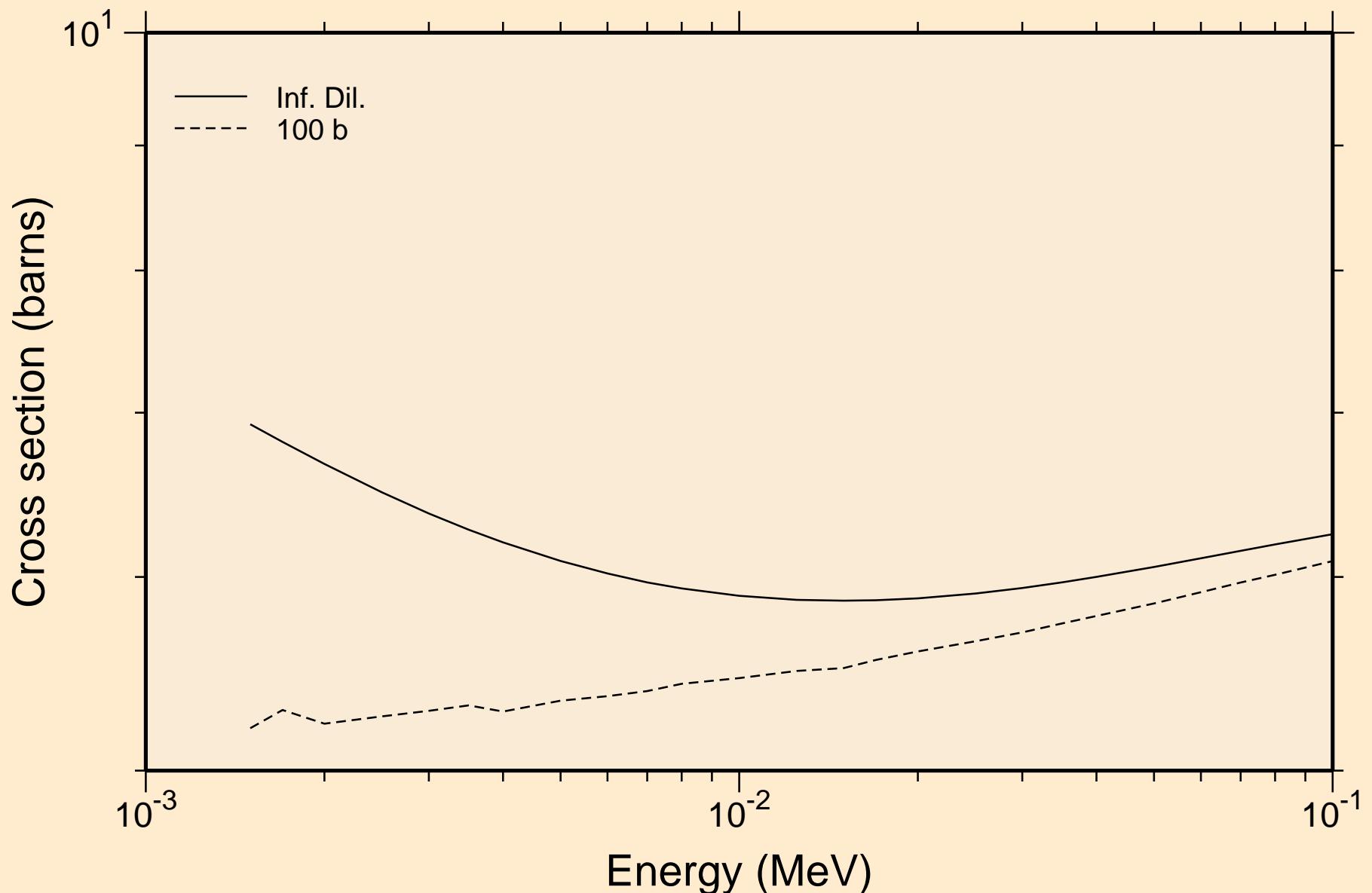
ENDF/B-VII SN-112

UR total cross section



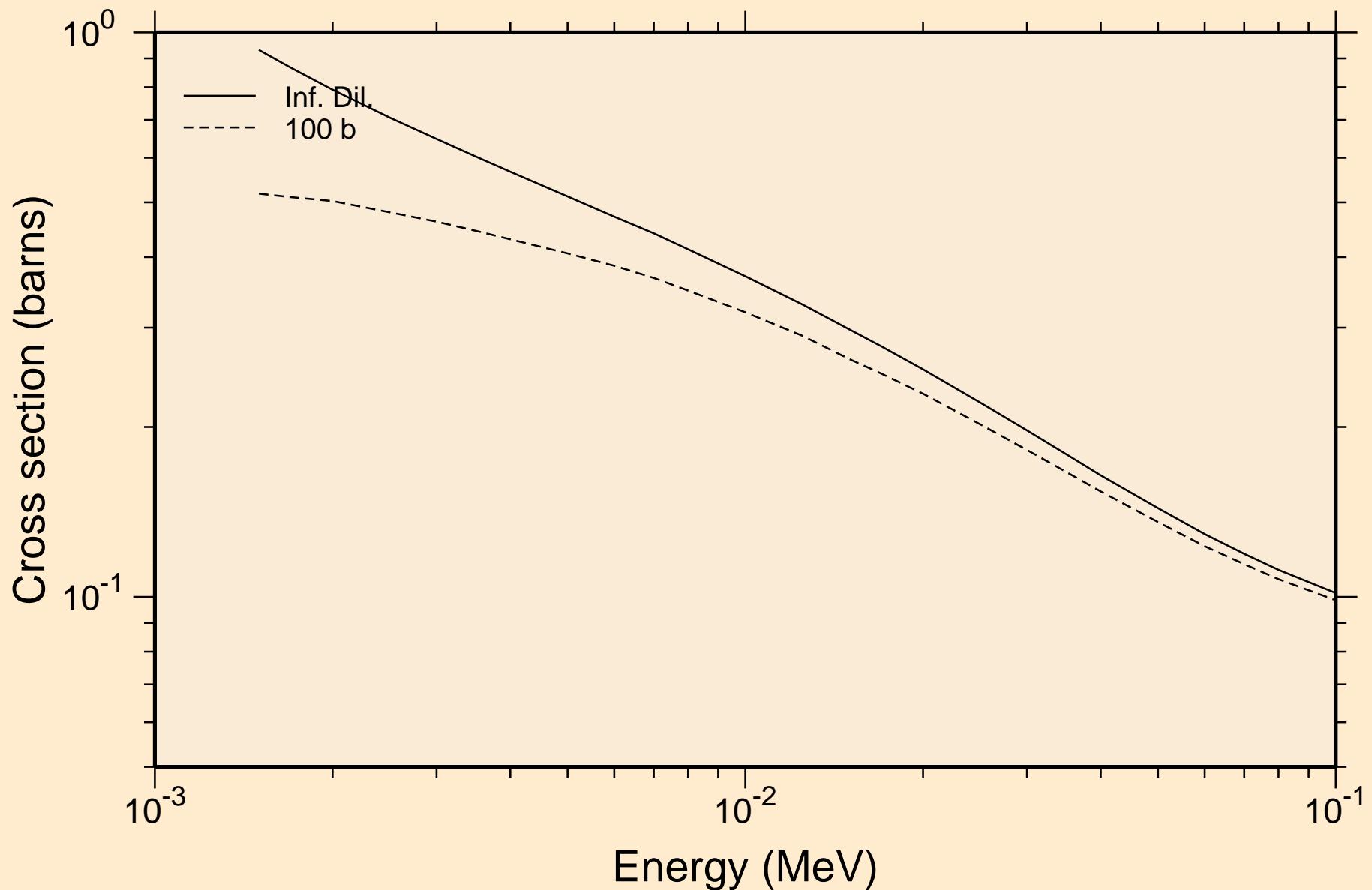
ENDF/B-VII SN-112

UR elastic cross section



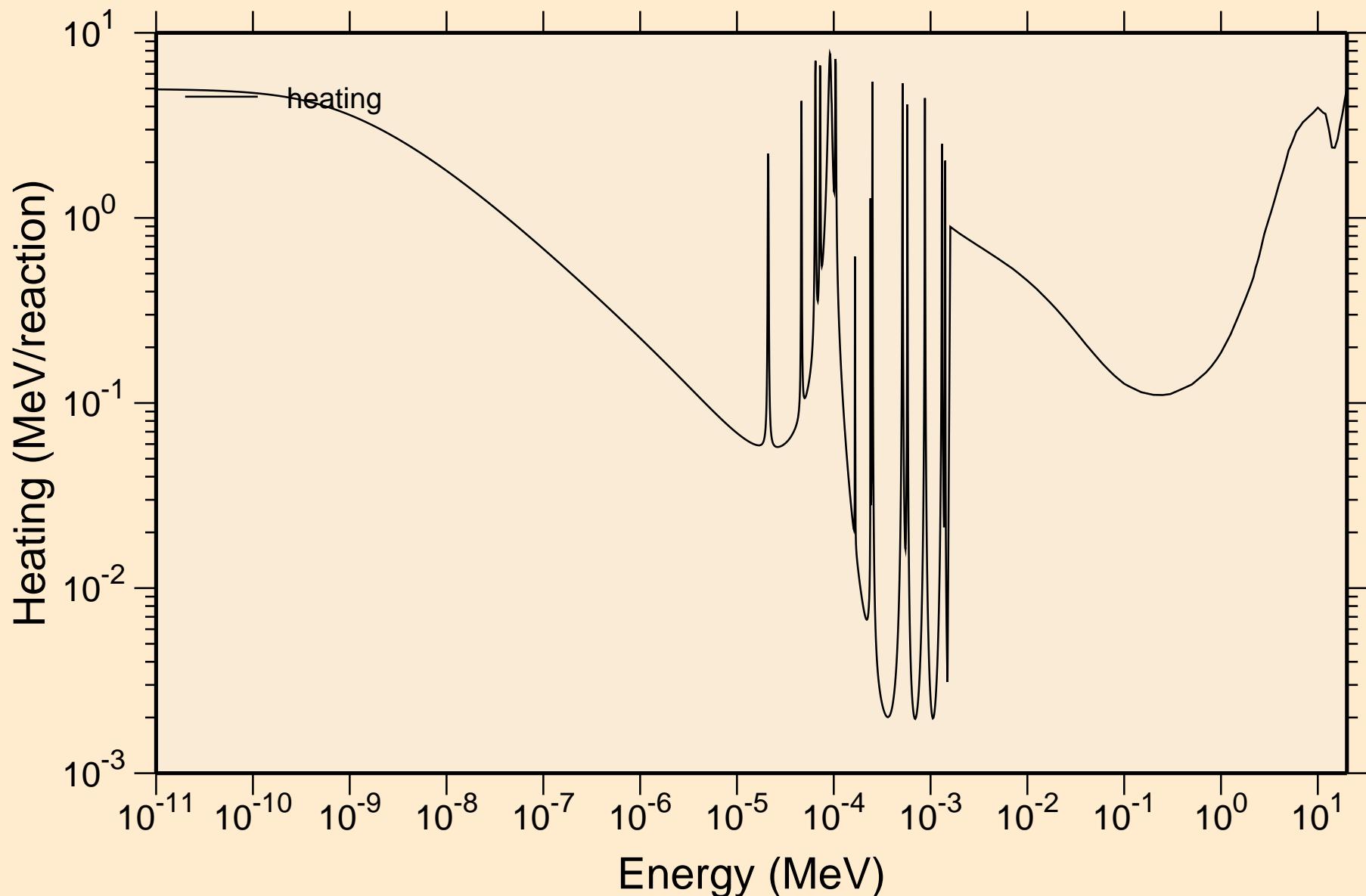
ENDF/B-VII SN-112

UR capture cross section



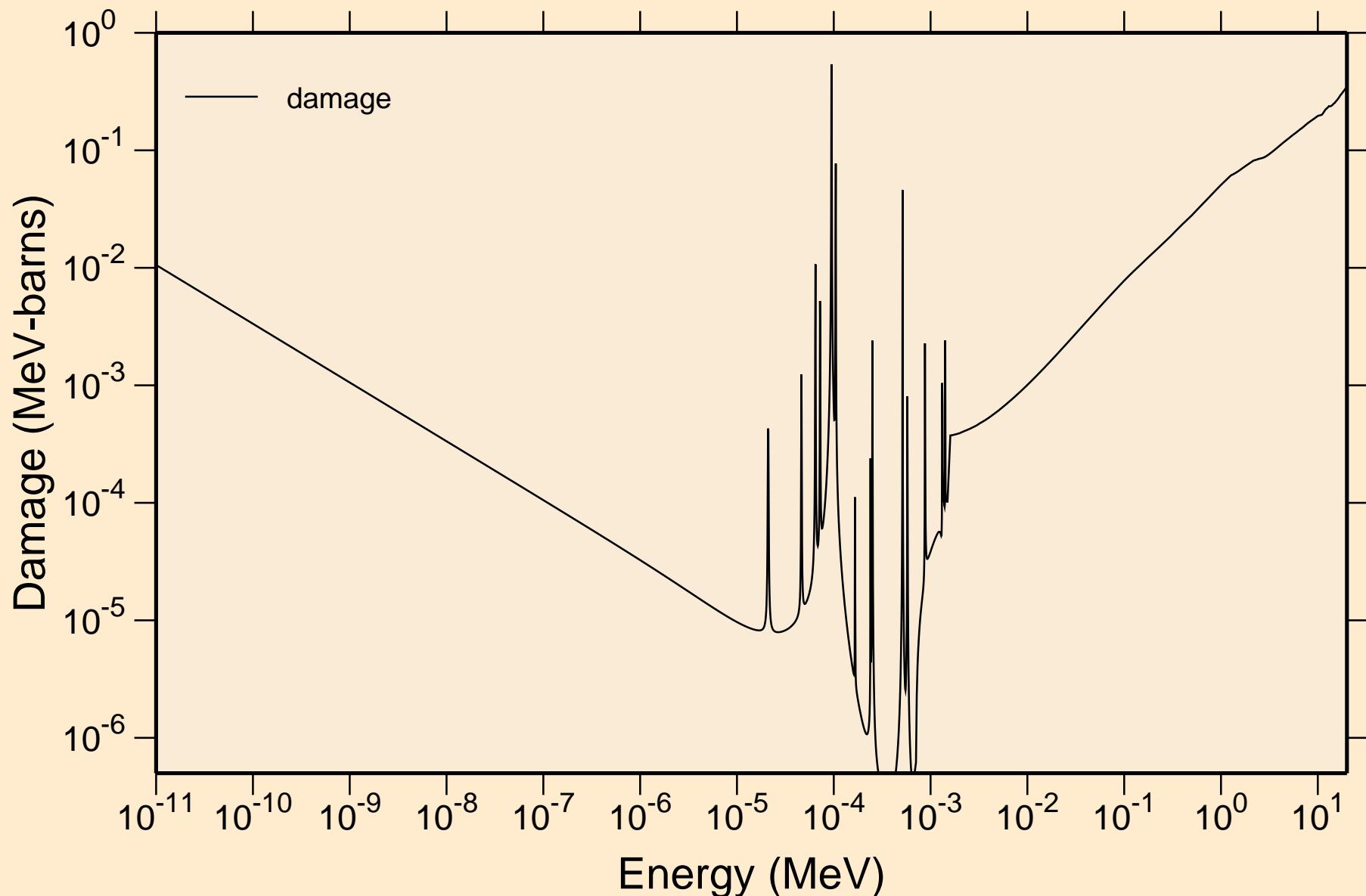
ENDF/B-VII SN-112

Heating



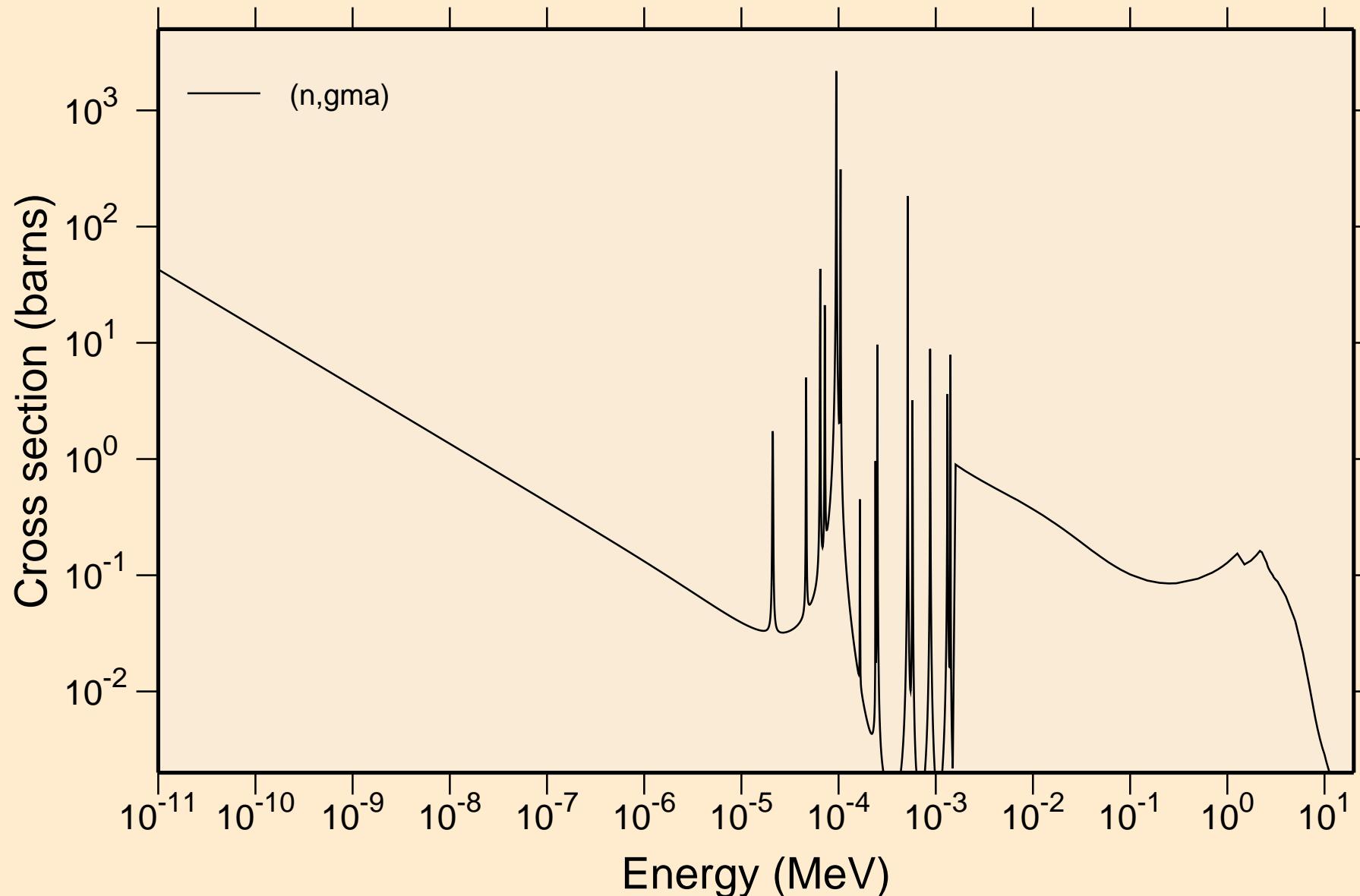
ENDF/B-VII SN-112

Damage



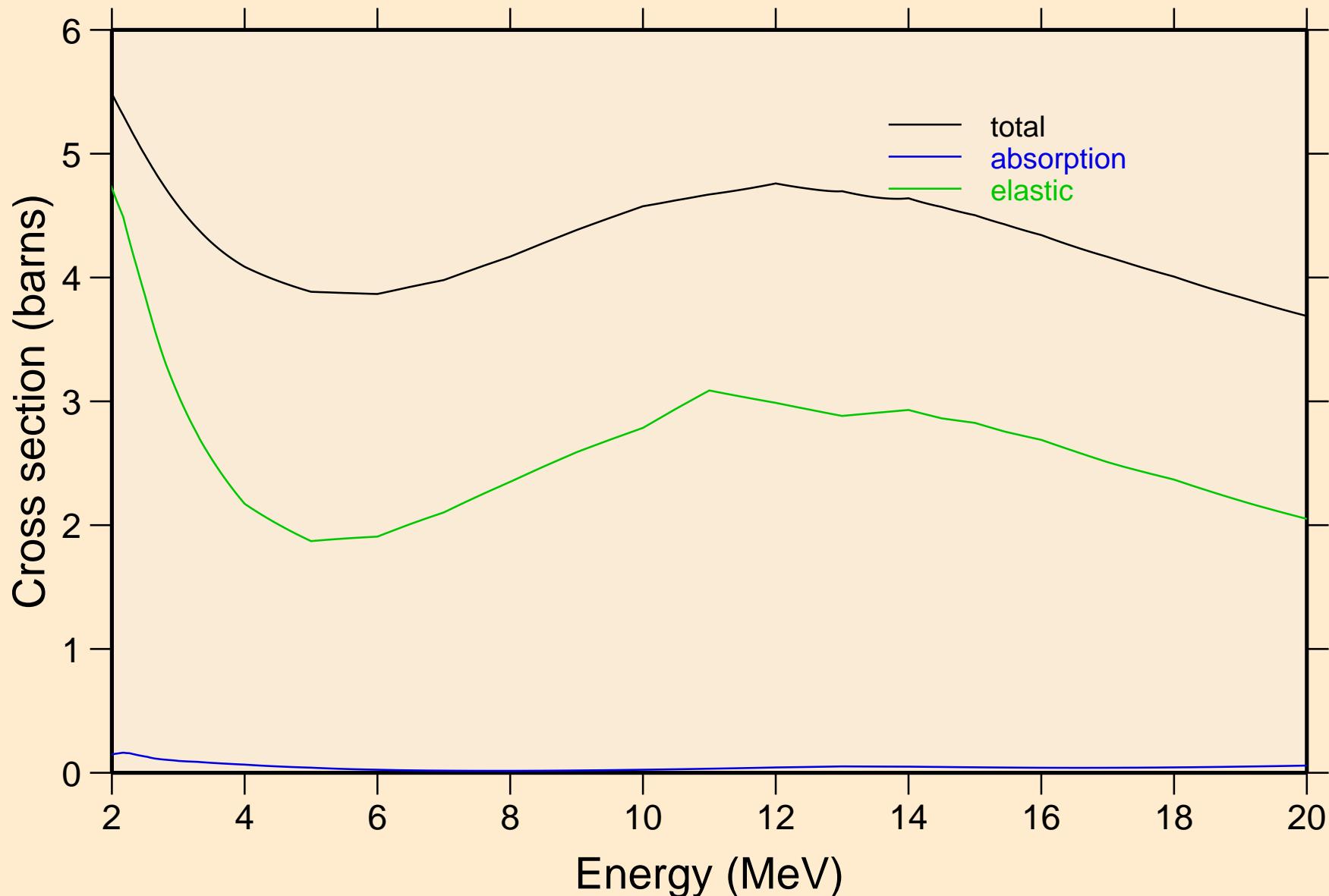
ENDF/B-VII SN-112

Non-threshold reactions

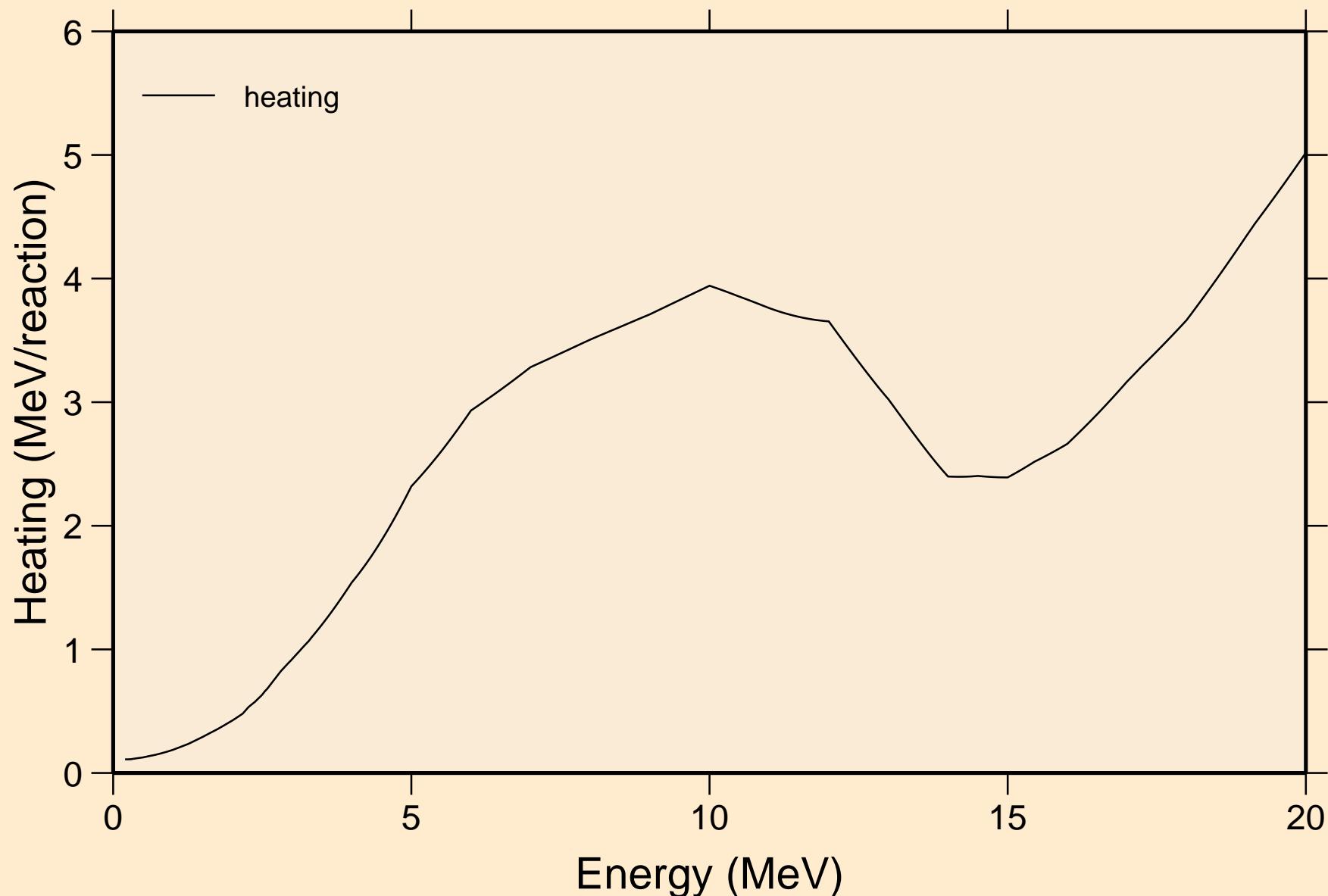


ENDF/B-VII SN-112

Principal cross sections

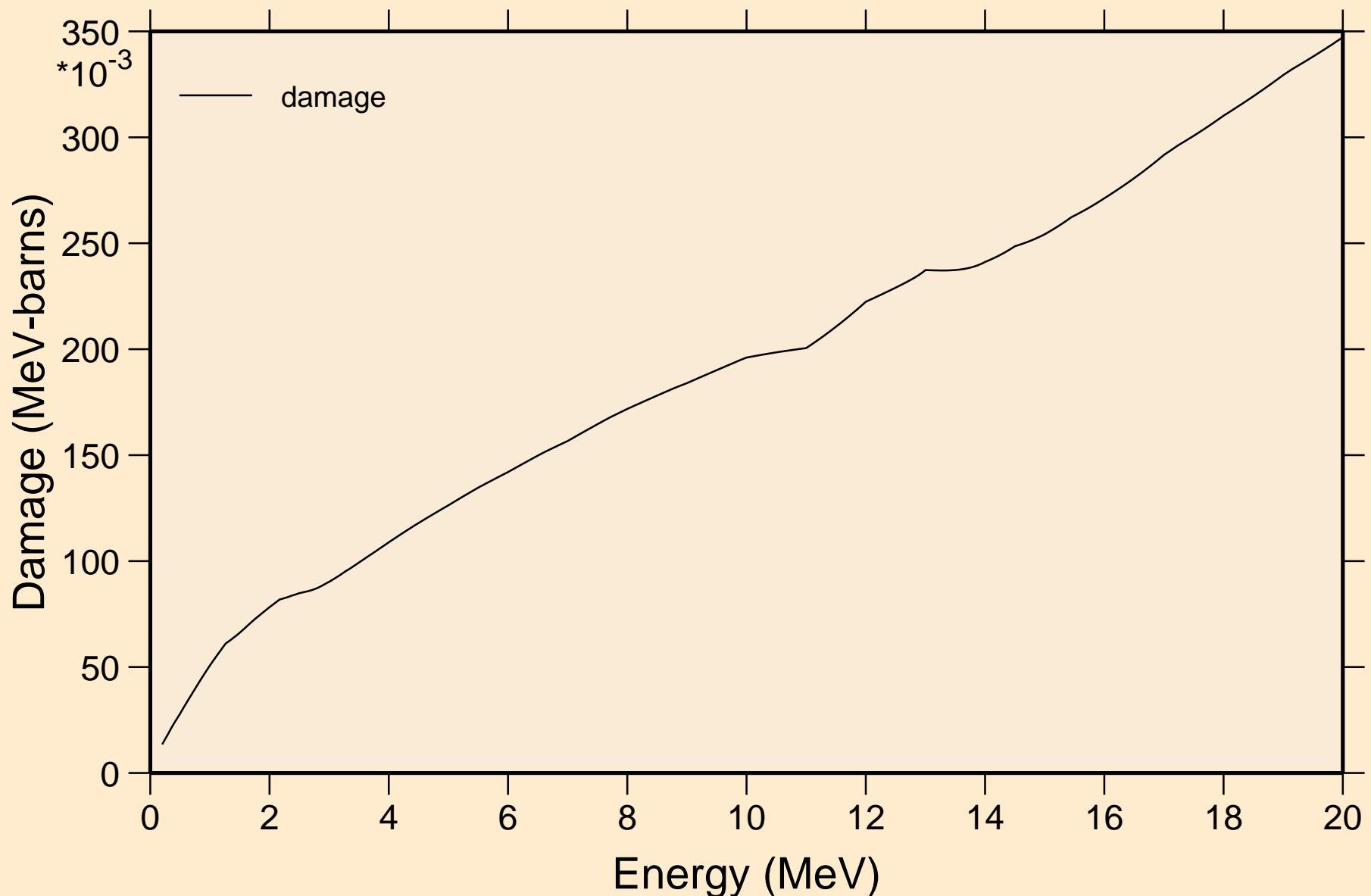


ENDF/B-VII SN-112
Heating

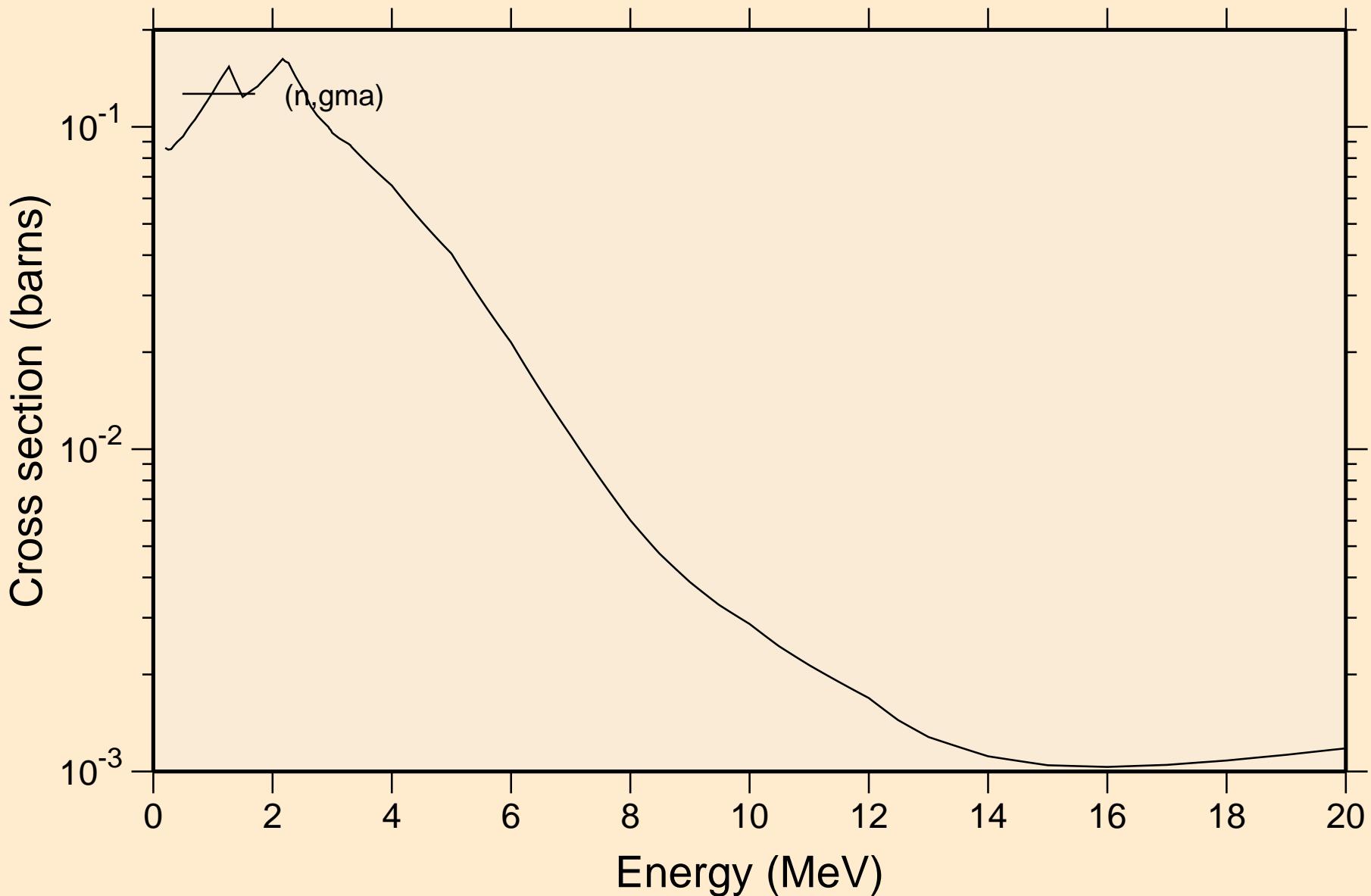


ENDF/B-VII SN-112

Damage

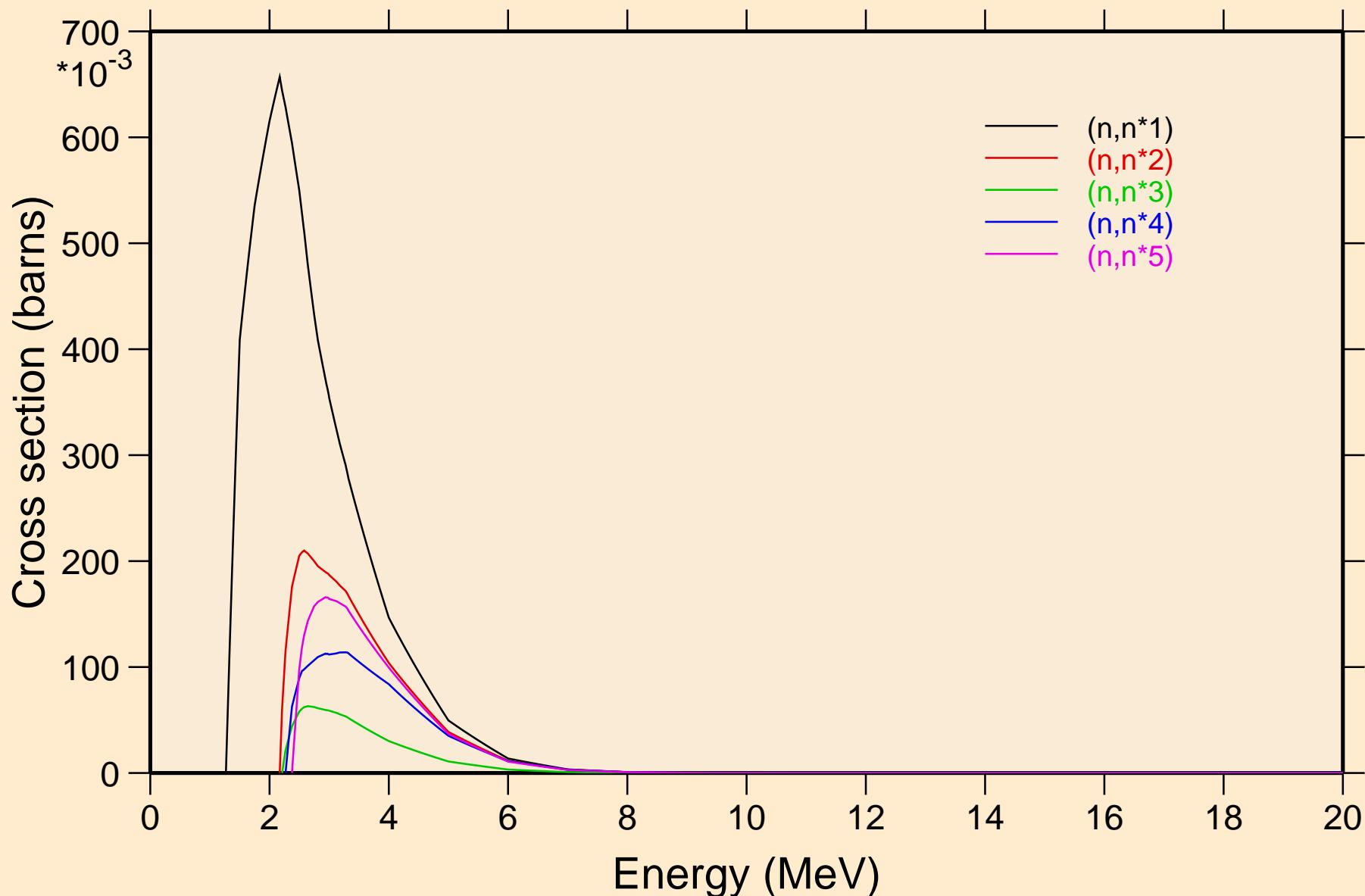


ENDF/B-VII SN-112
Non-threshold reactions



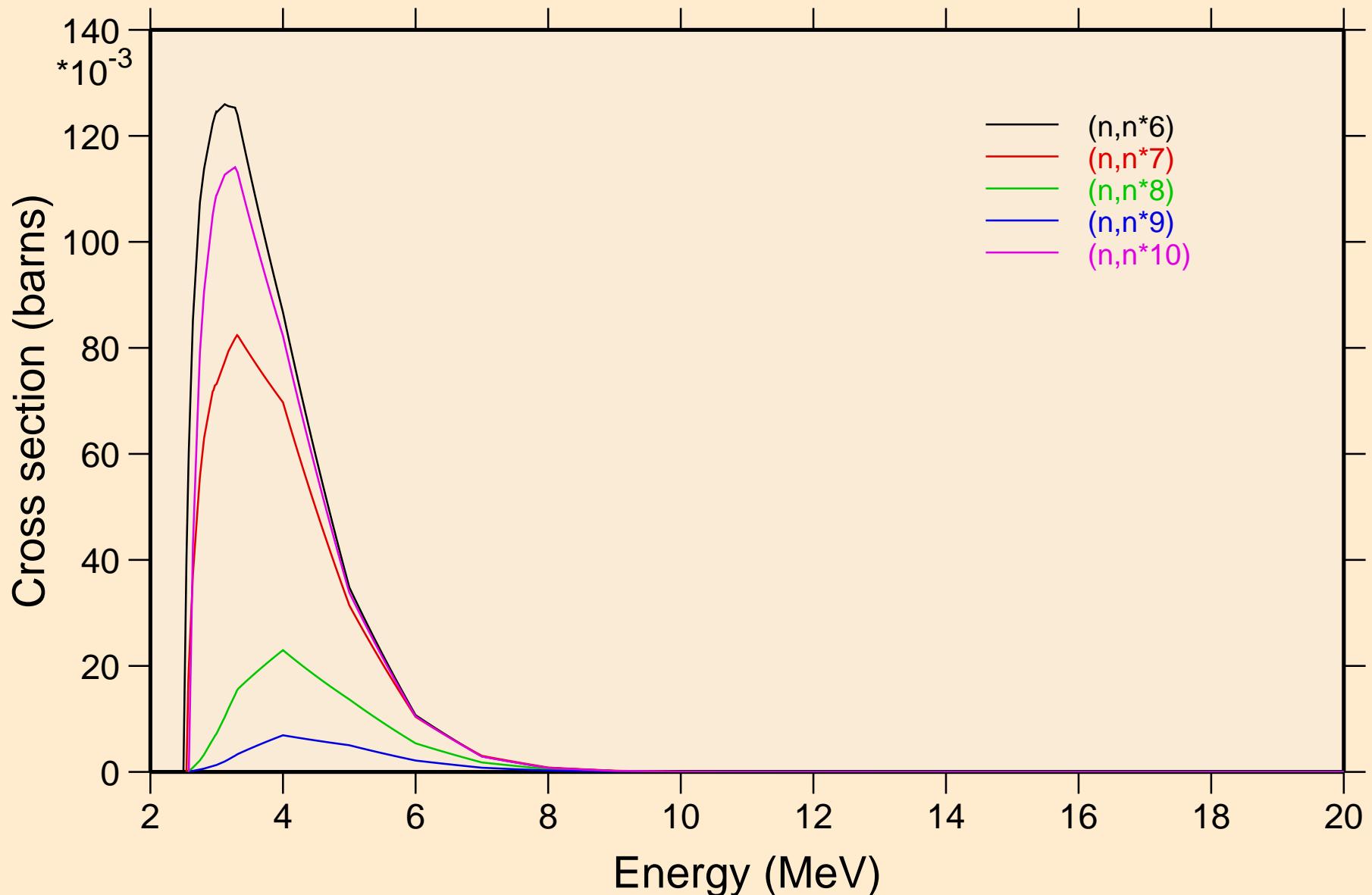
ENDF/B-VII SN-112

Inelastic levels



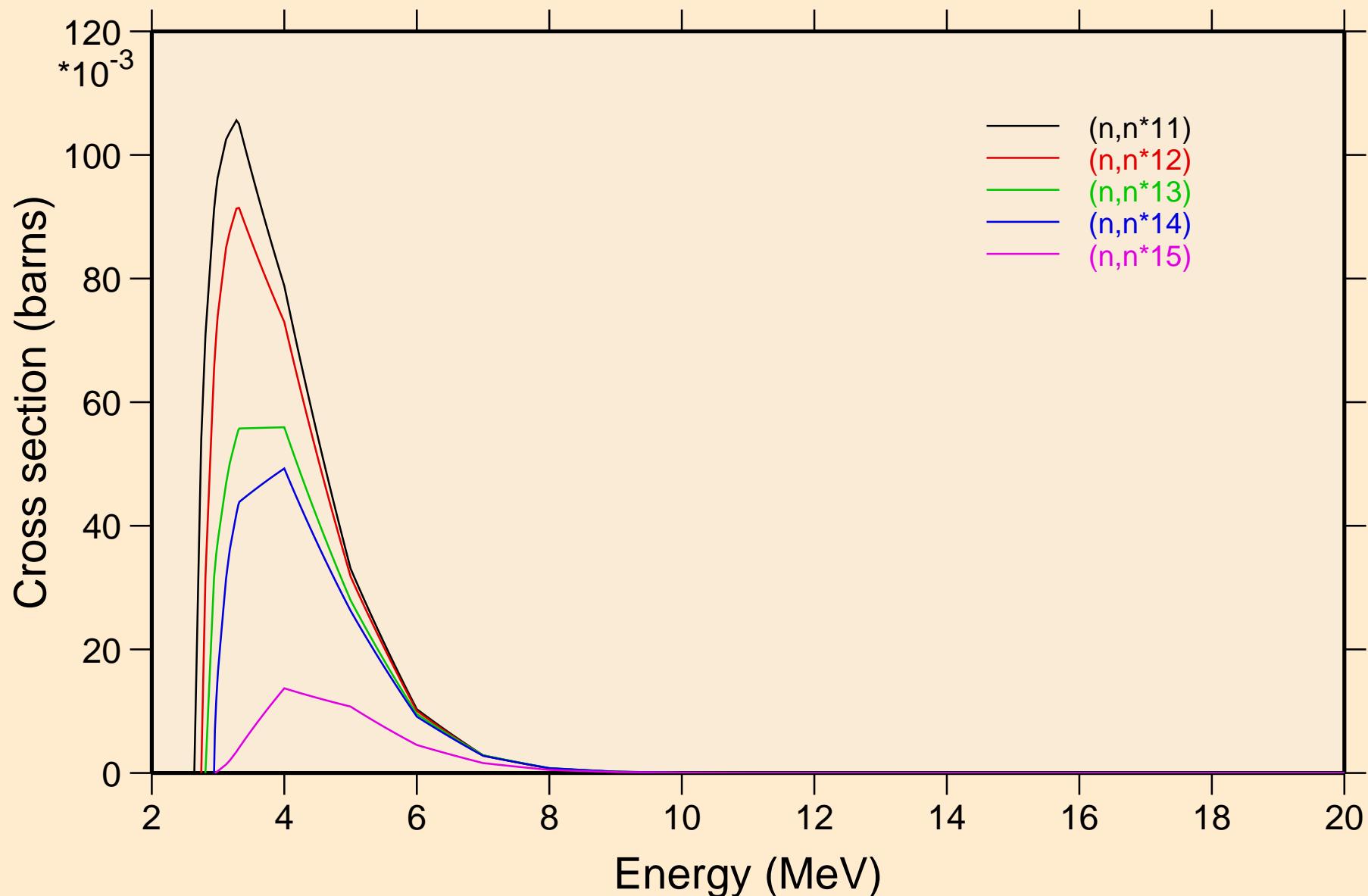
ENDF/B-VII SN-112

Inelastic levels



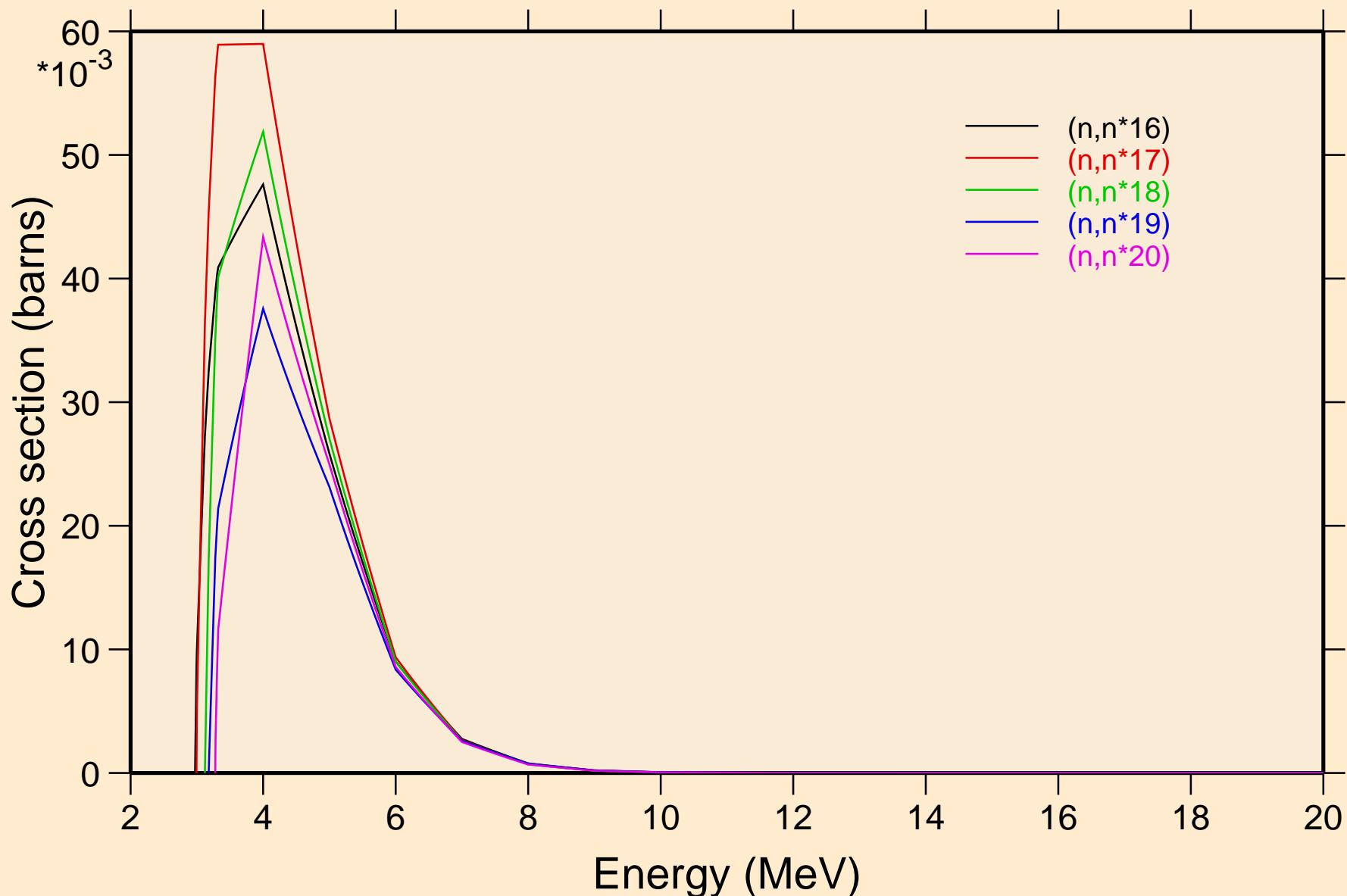
ENDF/B-VII SN-112

Inelastic levels



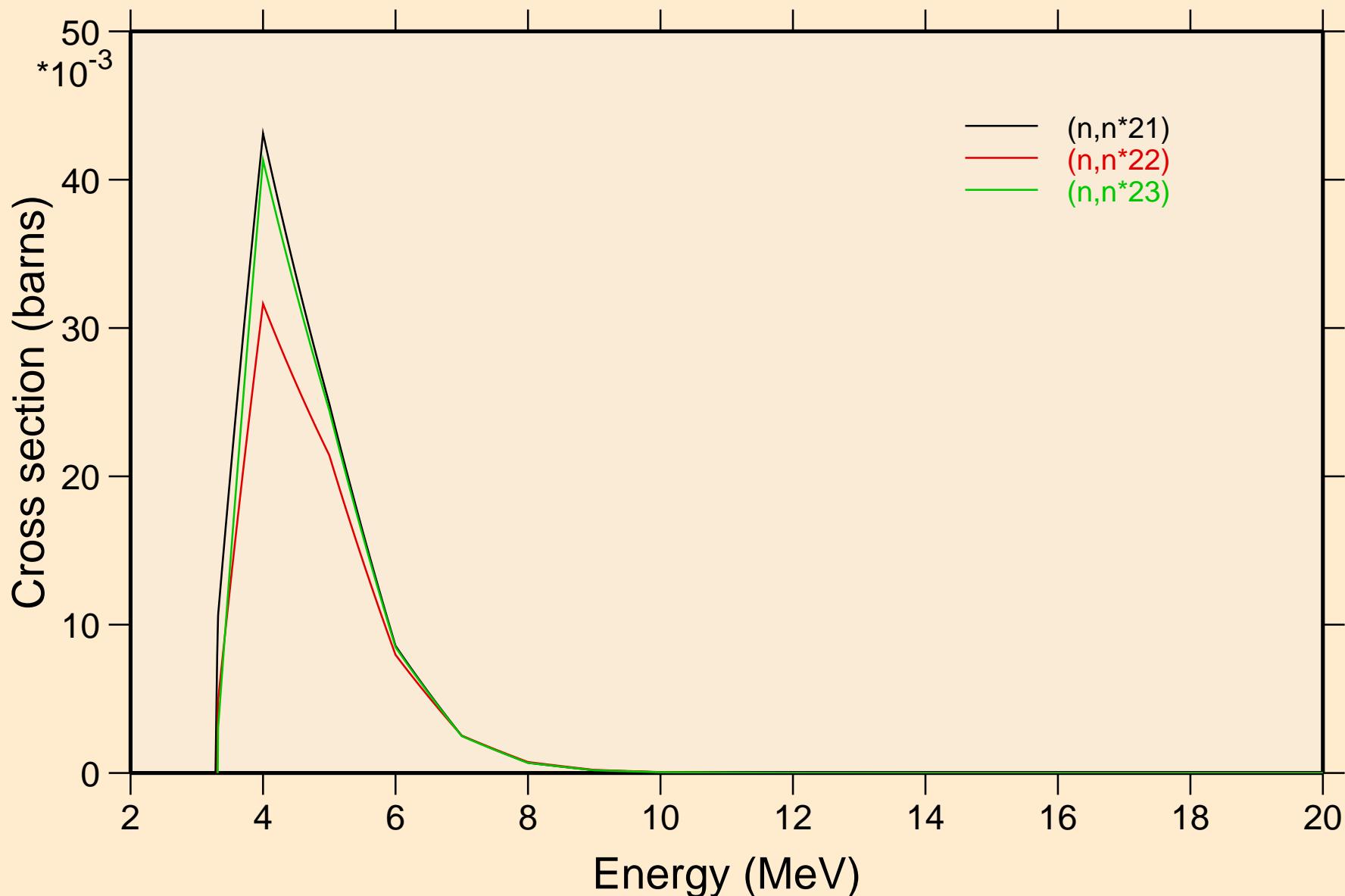
ENDF/B-VII SN-112

Inelastic levels



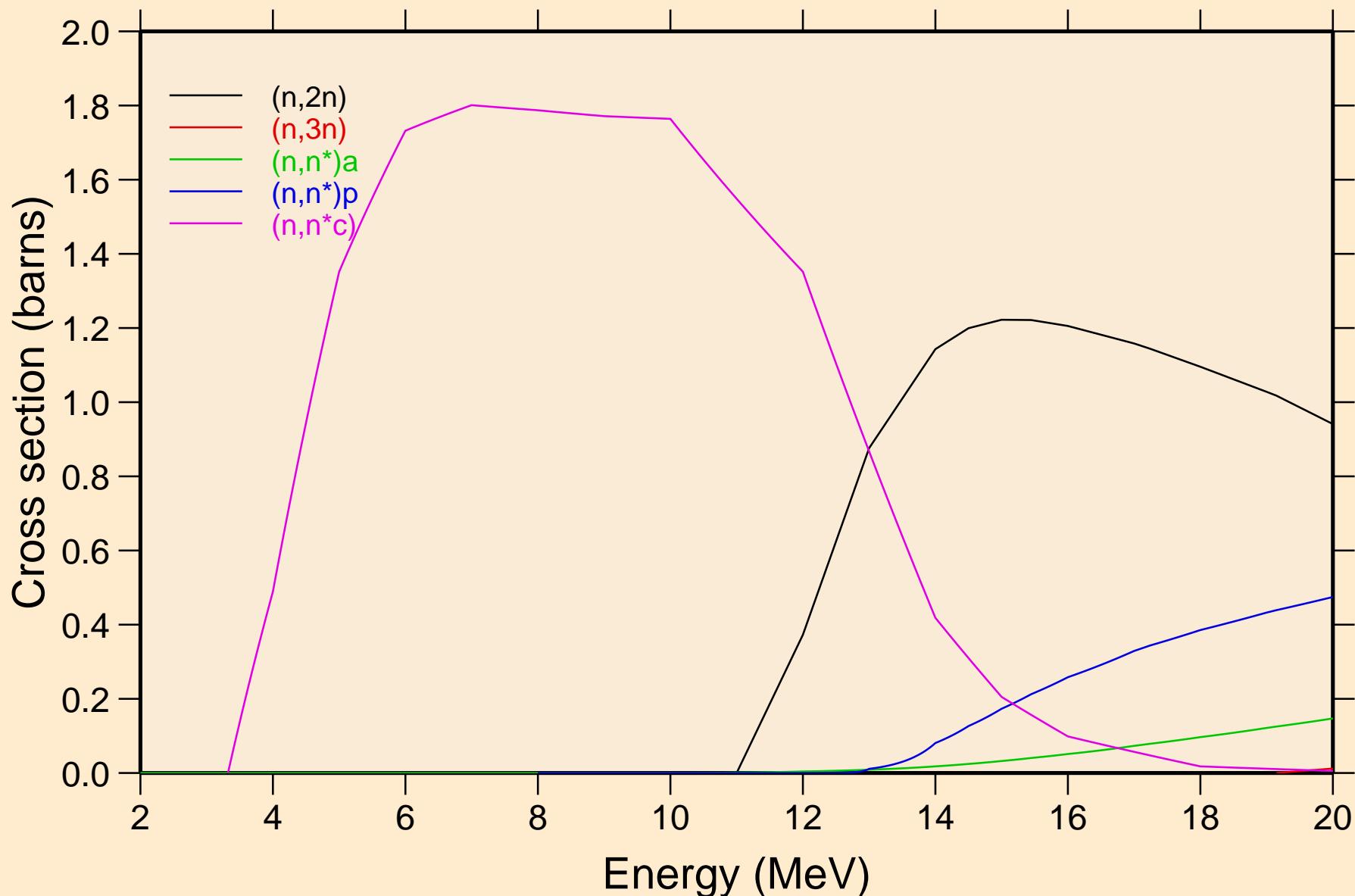
ENDF/B-VII SN-112

Inelastic levels



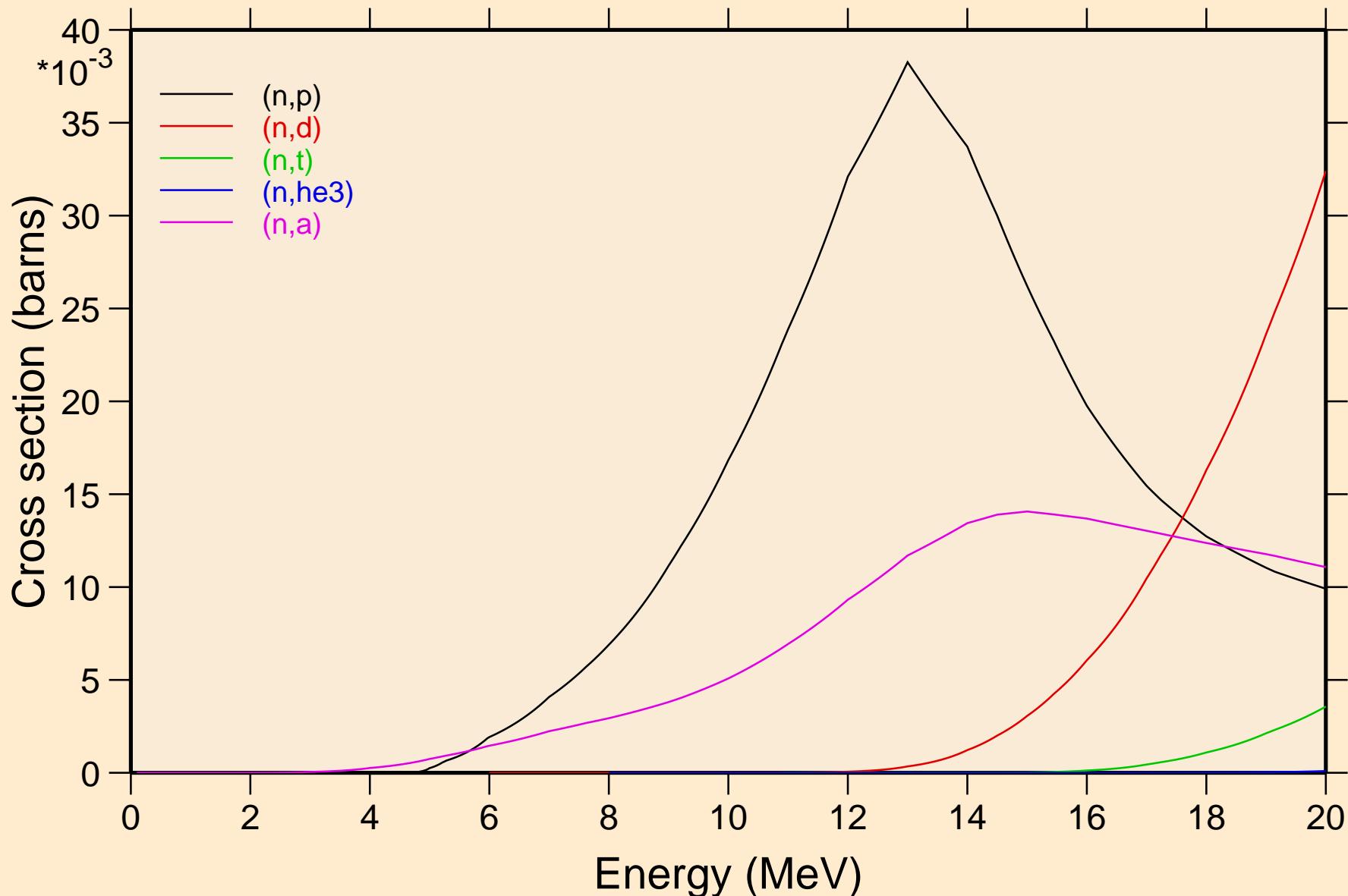
ENDF/B-VII SN-112

Threshold reactions



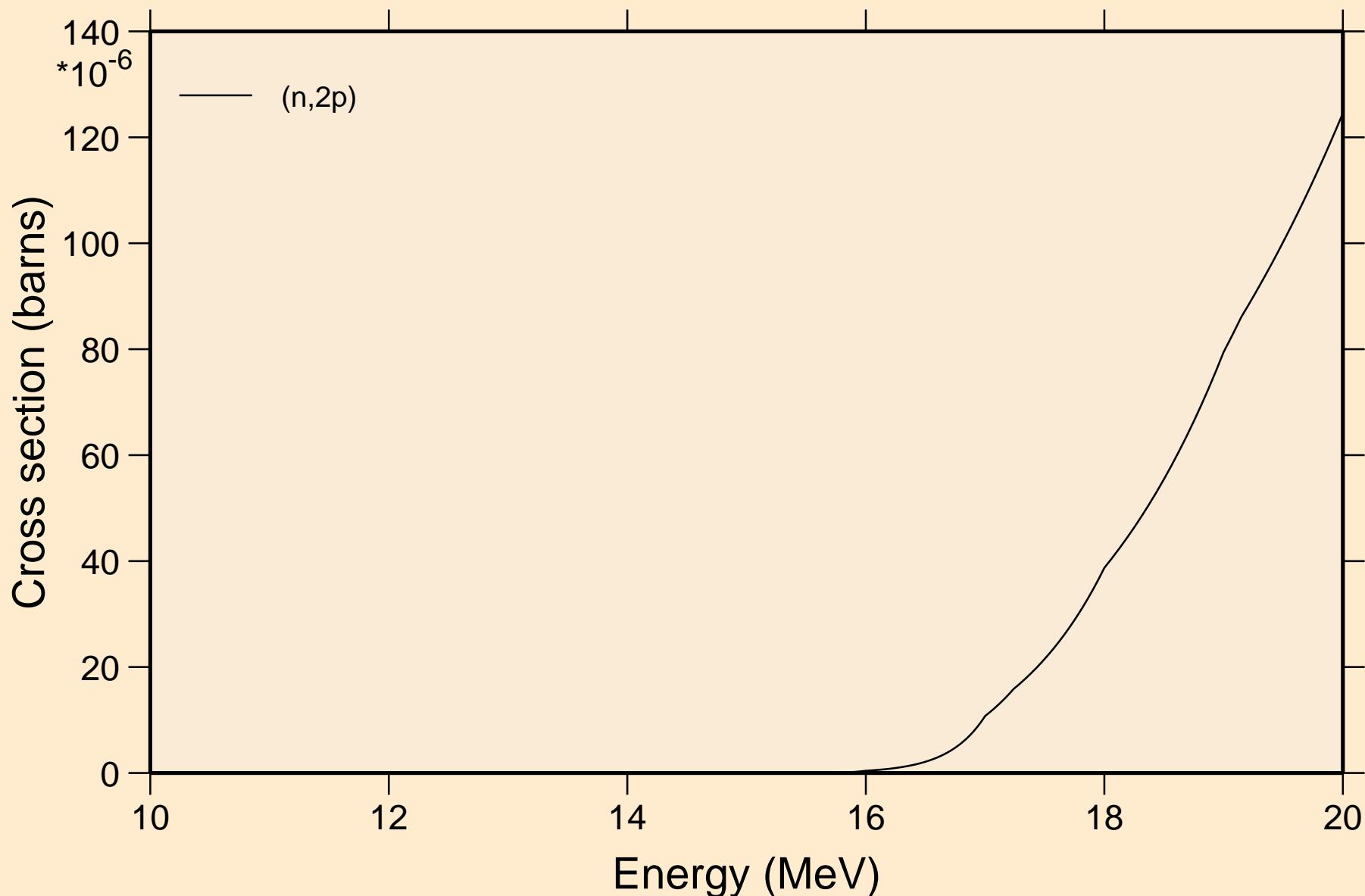
ENDF/B-VII SN-112

Threshold reactions



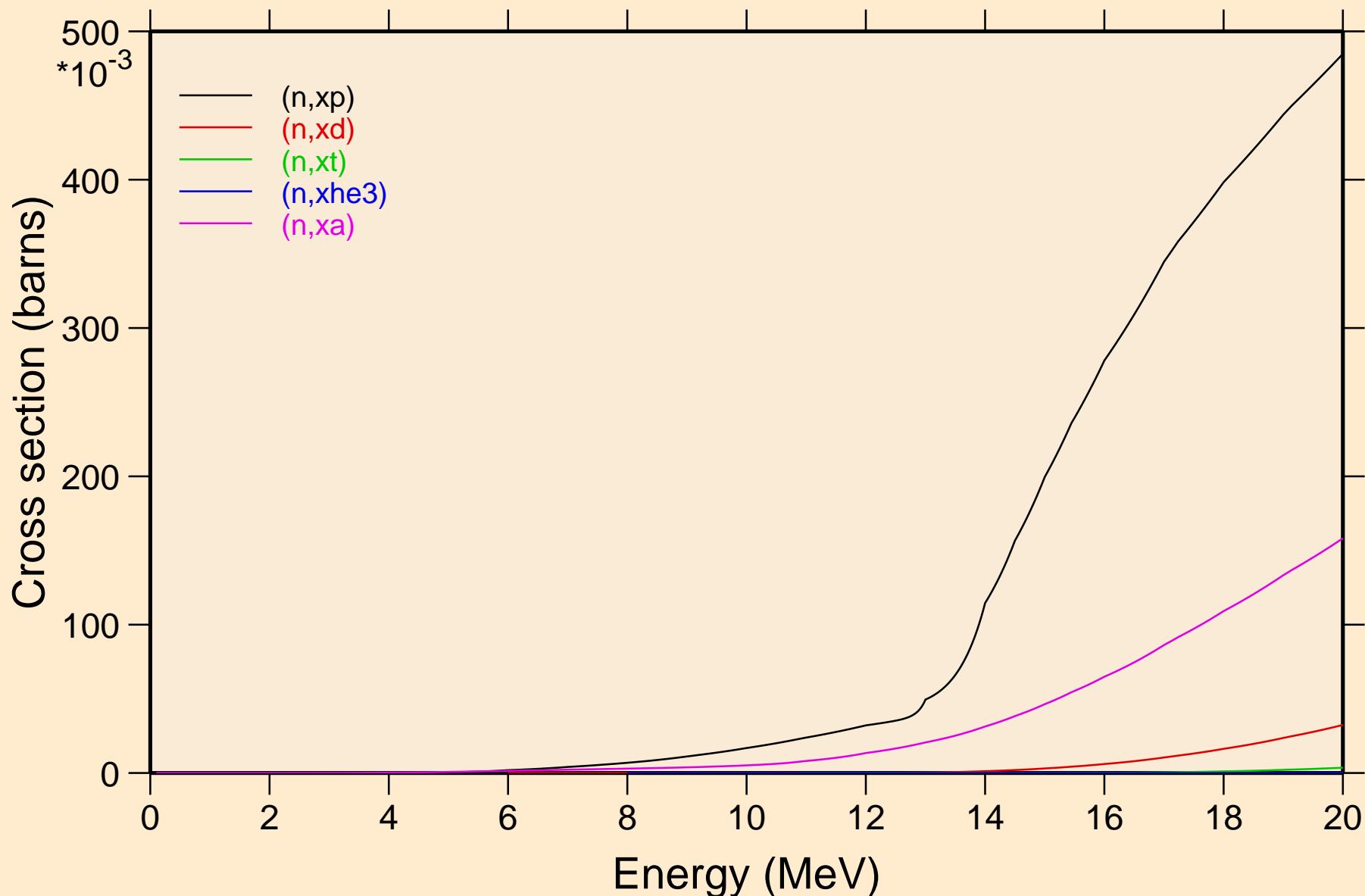
ENDF/B-VII SN-112

Threshold reactions

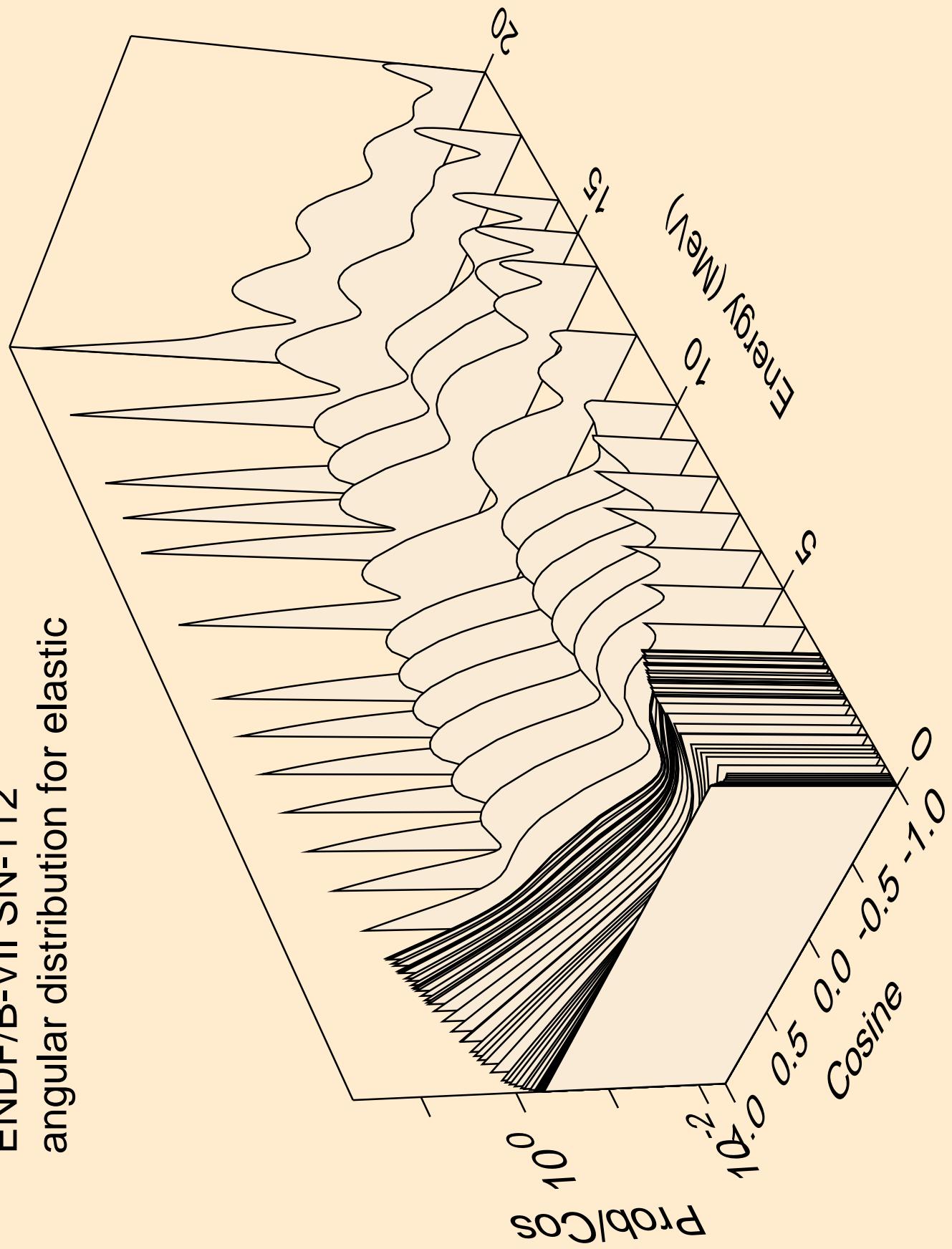


ENDF/B-VII SN-112

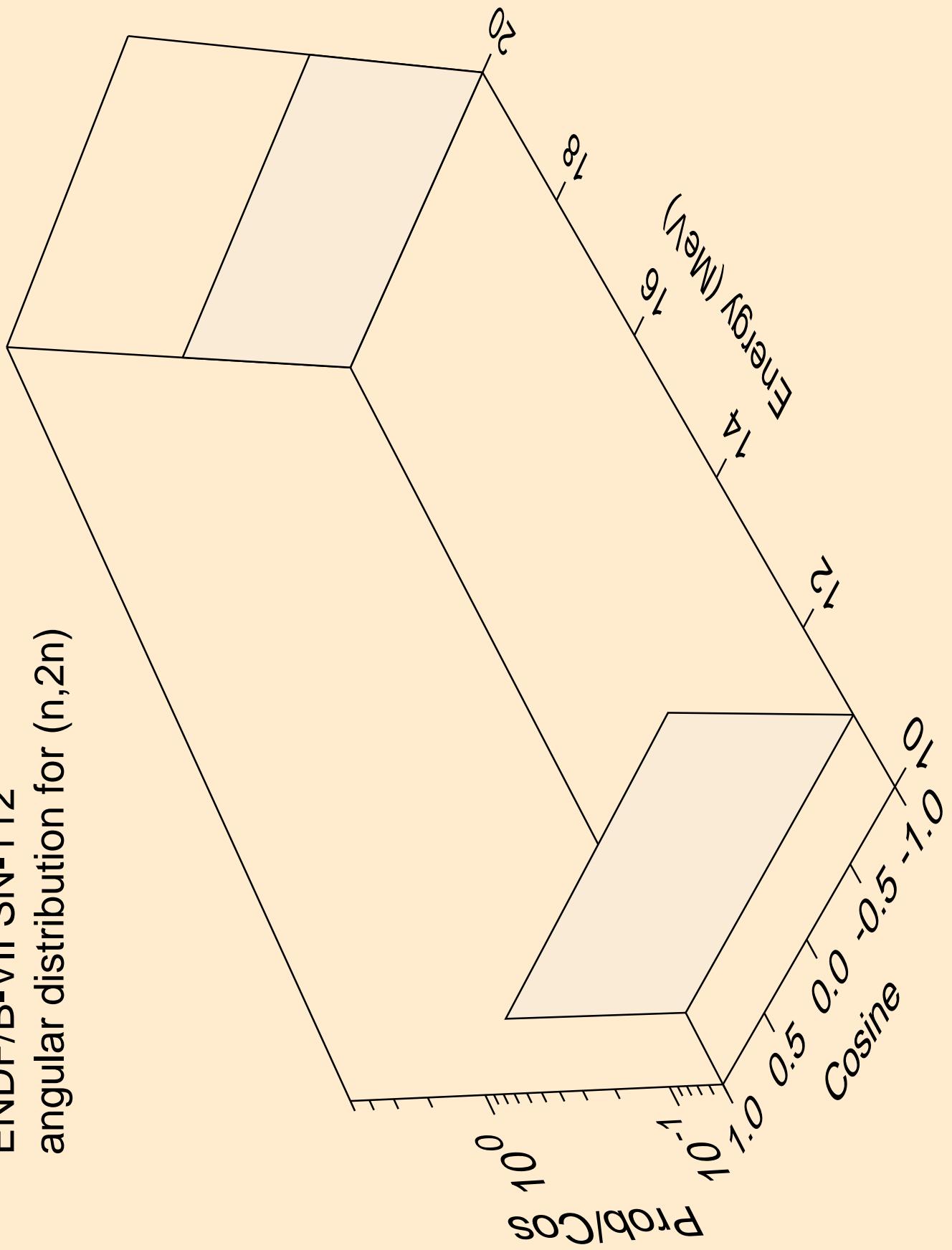
Threshold reactions



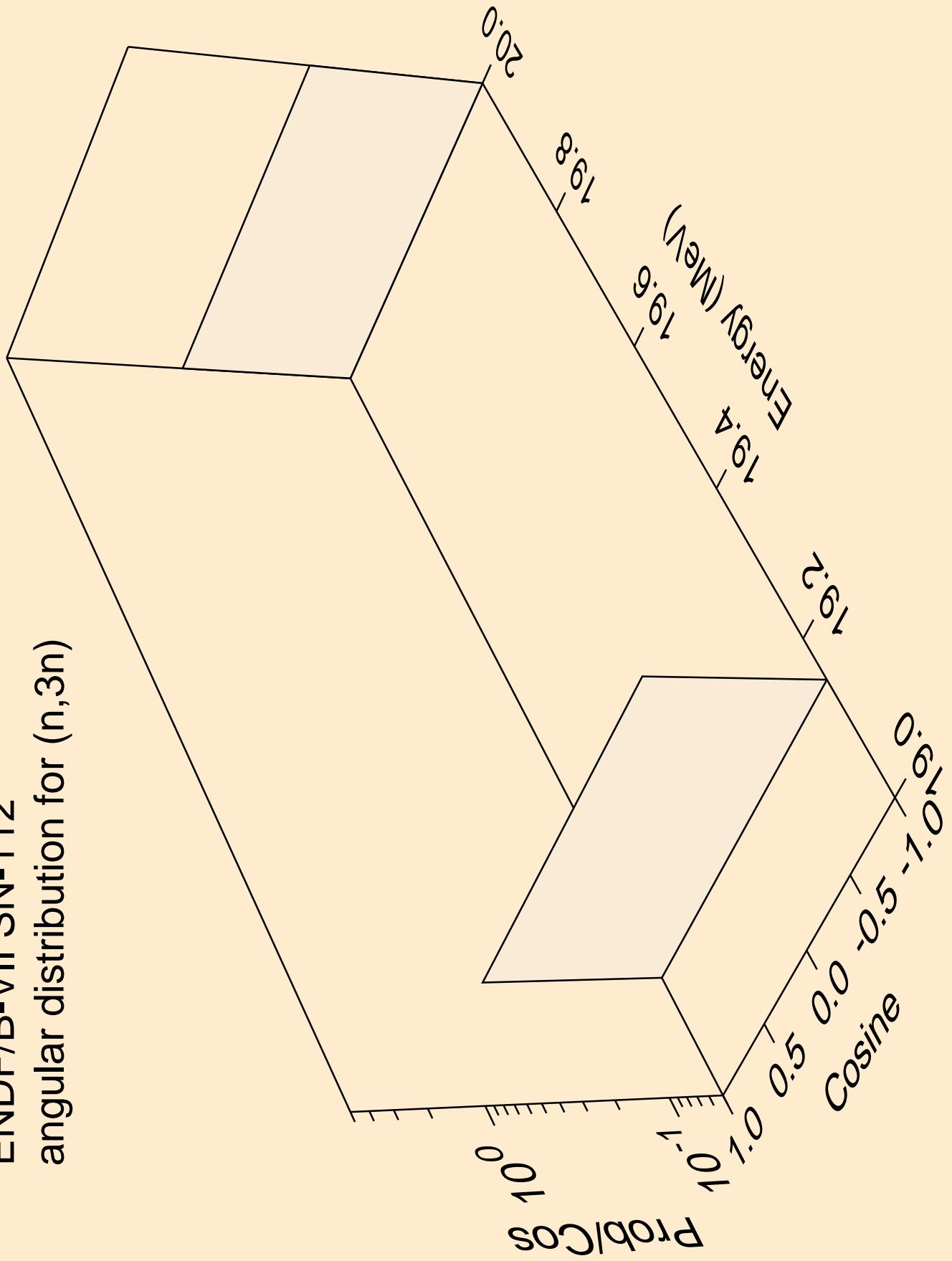
ENDF/B-VII SN-112
angular distribution for elastic



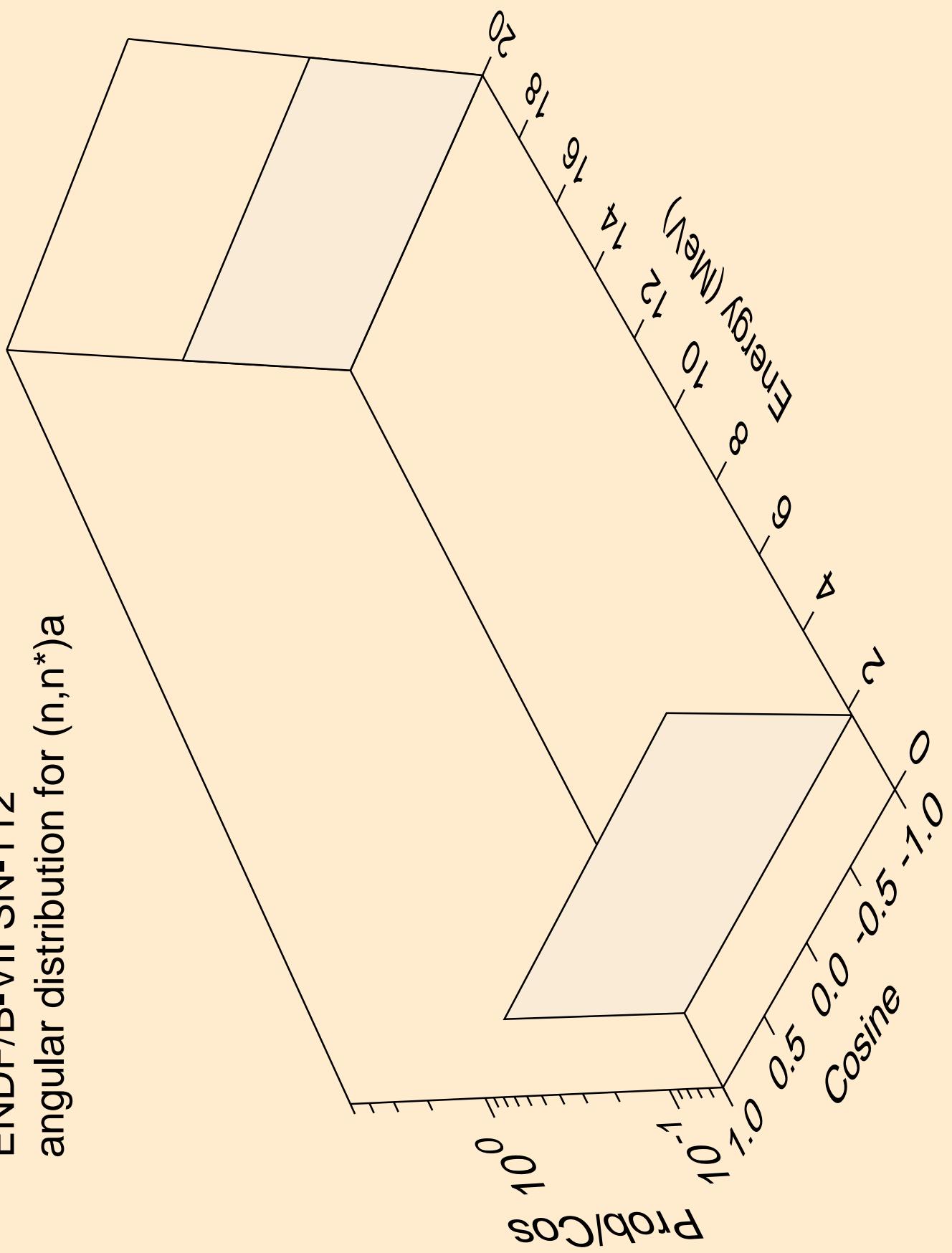
ENDF/B-VII SN-112
angular distribution for (n,2n)



ENDF/B-VII SN-112
angular distribution for (n,3n)

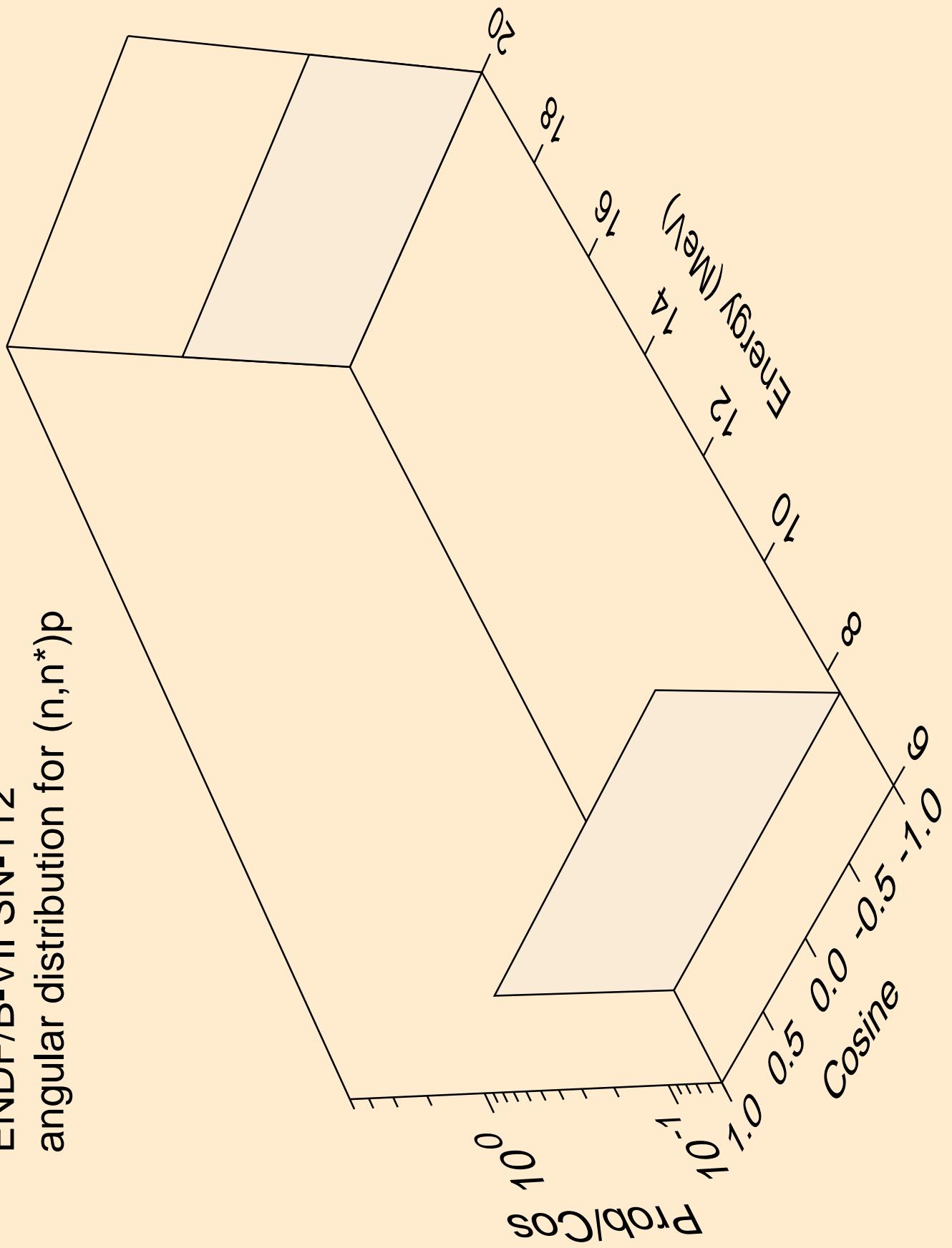


ENDF/B-VII SN-112
angular distribution for $(n,n^*)\alpha$



ENDF/B-VII SN-112

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



ENDF/B-VII SN-112

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

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Δ

φ

Energy (MeV)

20

18

16

14

12

10

8

6

4

2

0

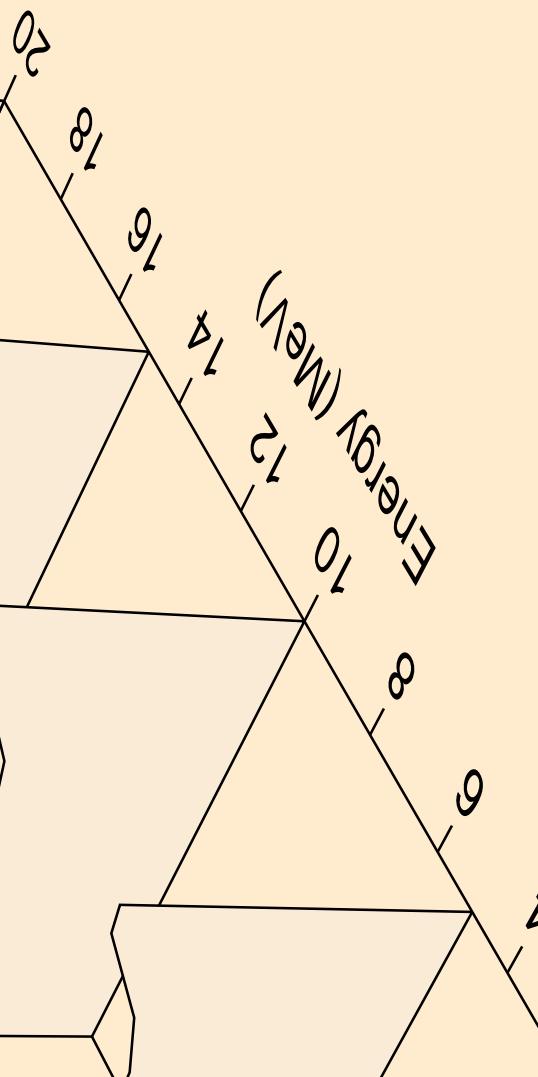
ENDF/B-VII SN-112

angular distribution for (n,n^*2)

10^0

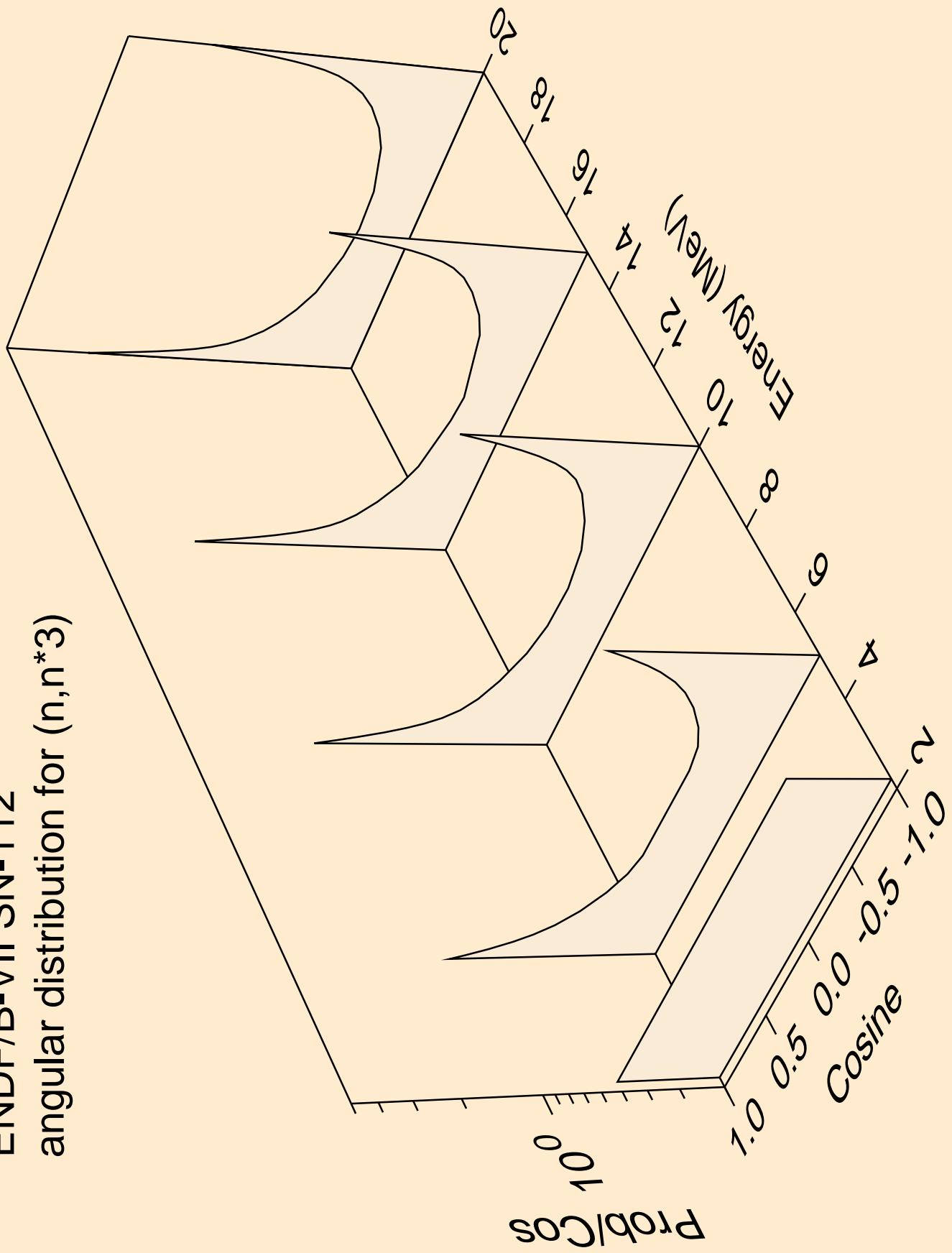
Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine



ENDF/B-VII SN-112

angular distribution for (n,n^*3)



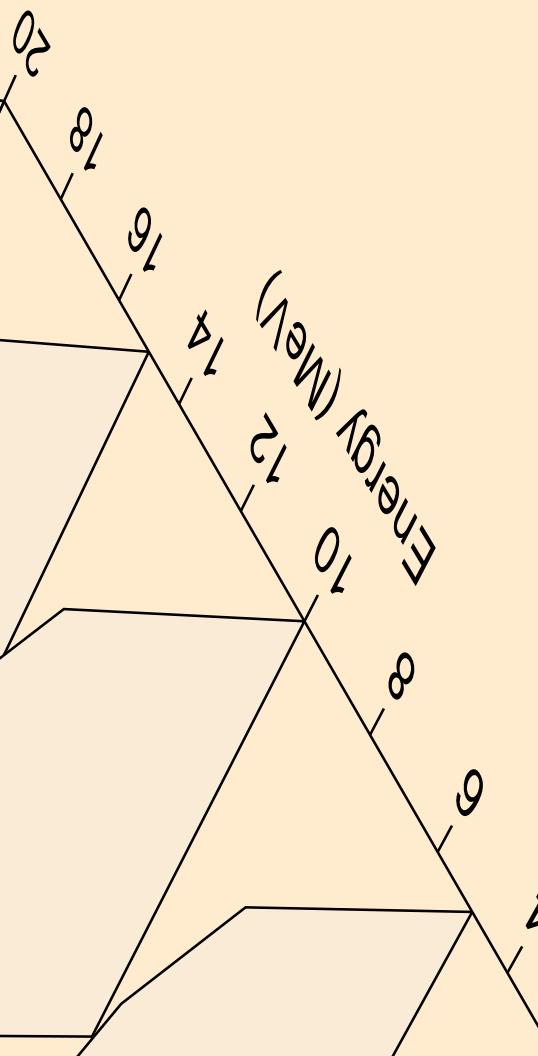
ENDF/B-VII SN-112

angular distribution for (n,n^*4)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine



ENDF/B-VII SN-112

angular distribution for (n,n*5)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

8

6

4

2

0

-2

-4

-6

-8

20

18

16

14

12

10

8

6

4

2

0

-2

-4

-6

-8

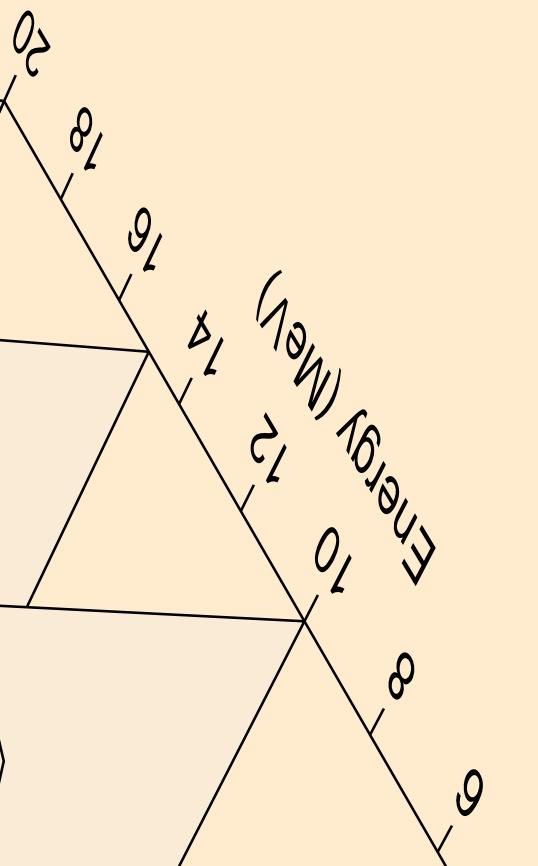
ENDF/B-VII SN-112

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

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-112

angular distribution for (n,n^*7)

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-112

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

Energy (MeV)

10

8

6

4

2

0

ENDF/B-VII SN-112

angular distribution for (n,n*9)

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

ENDF/B-VII SN-112

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
8
6
4
2
0

Energy (MeV)

ENDF/B-VII SN-112

angular distribution for (n,n*11)

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 SN-112

angular distribution for (n,n*12)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

10

8

6

4

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII SN-112

angular distribution for (n,n*13)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

8

6

4

2

0

20

10

0

-10

-20

ENDF/B-VII SN-112

angular distribution for (n,n^*14)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

8

6

4

2

0

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII SN-112

angular distribution for (n,n*15)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

8

6

10

12

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII SN-112

angular distribution for (n,n*16)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

8

6

4

2

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII SN-112

angular distribution for (n,n^*17)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

8

6

4

2

0

20

18

16

14

12

10

8

6

4

2

0

ENDF/B-VII SN-112

angular distribution for (n,n^*18)

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

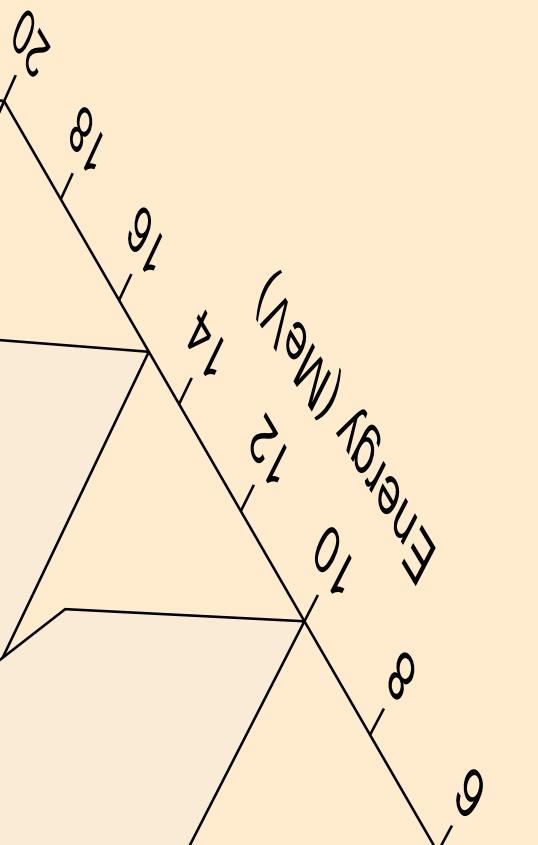
ENDF/B-VII SN-112

angular distribution for (n,n*19)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine



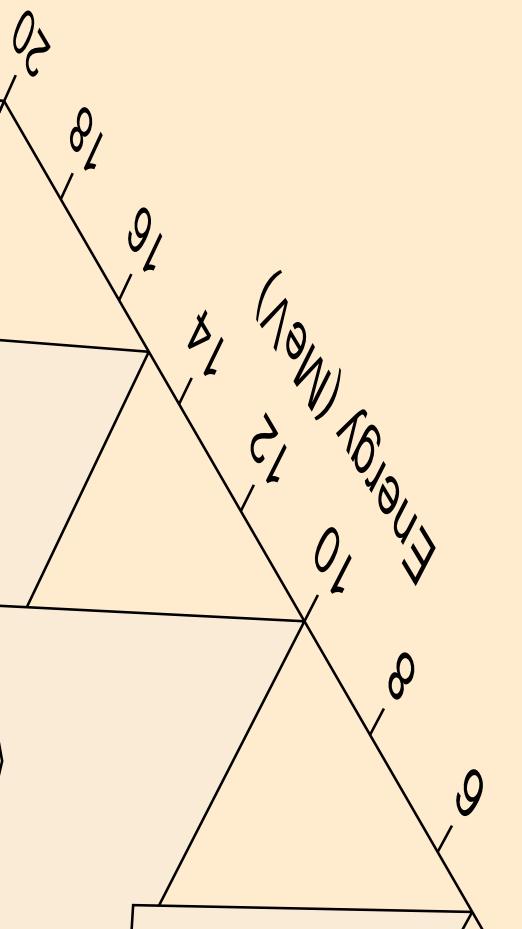
ENDF/B-VII SN-112

angular distribution for (n,n^*20)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine



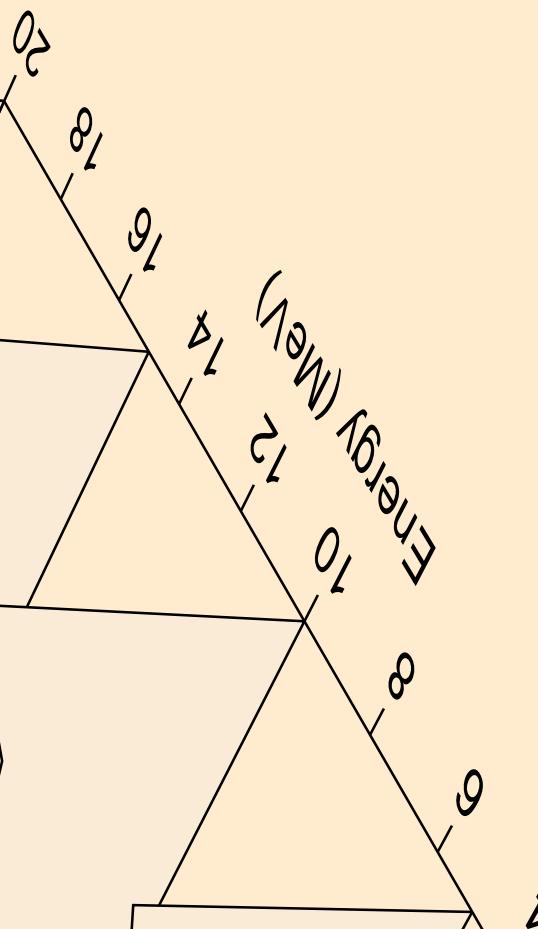
ENDF/B-VII SN-1112

angular distribution for (n,n^*21)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine



10^2
 10^1
 10^0
Energy (MeV)

20
18
16
14
12
10
8
6
4
2

ENDF/B-VII SN-112

angular distribution for (n,n^*22)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine

Energy (MeV)

8

6

4

2

0

-2

-4

-6

-8

20

18

16

14

12

10

8

6

4

2

0

-2

-4

-6

-8

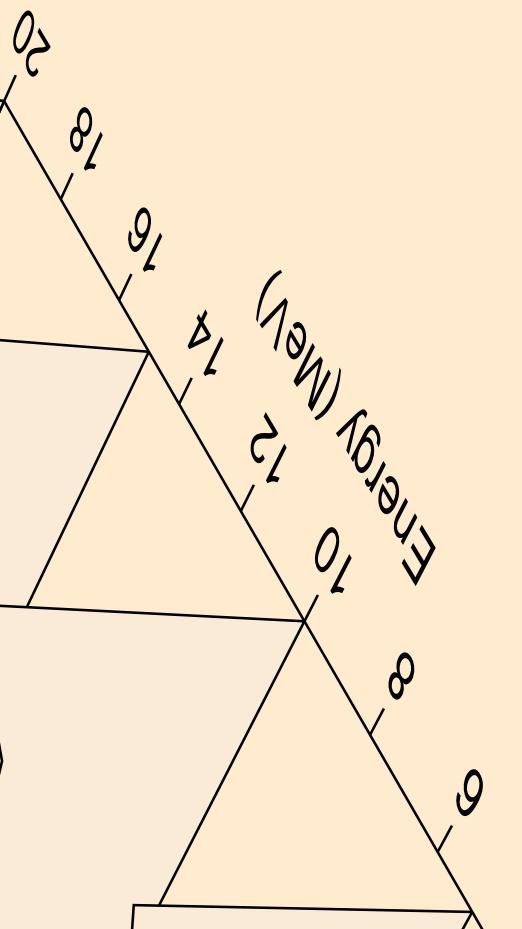
ENDF/B-VII SN-112

angular distribution for (n,n^*23)

10^0

Prob/Cos

1.0 0.5 0.0 -0.5 -1.0
Cosine



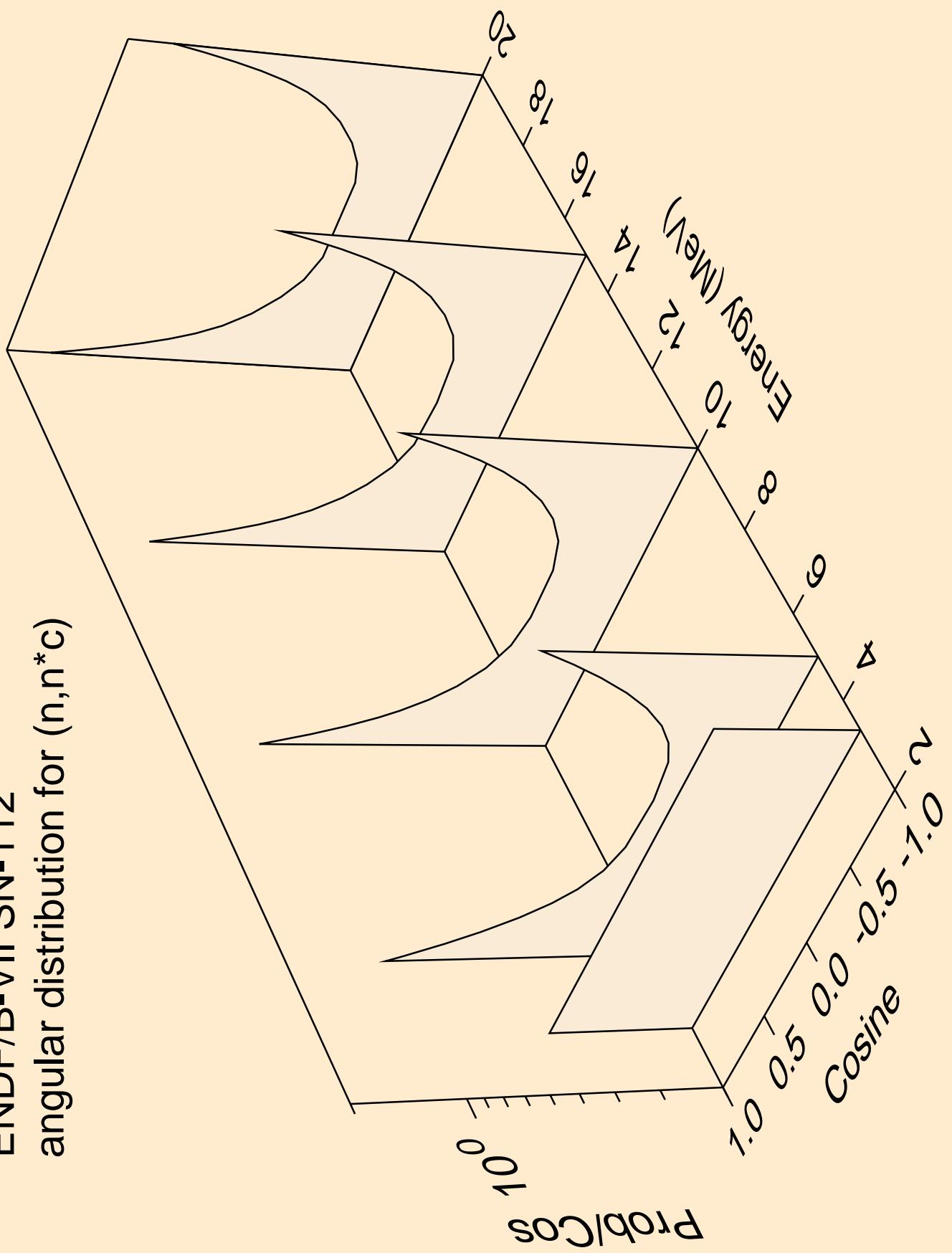
10 Energy(MeV)
8
6
4
2
0

10
8
6
4
2
0

10
8
6
4
2
0

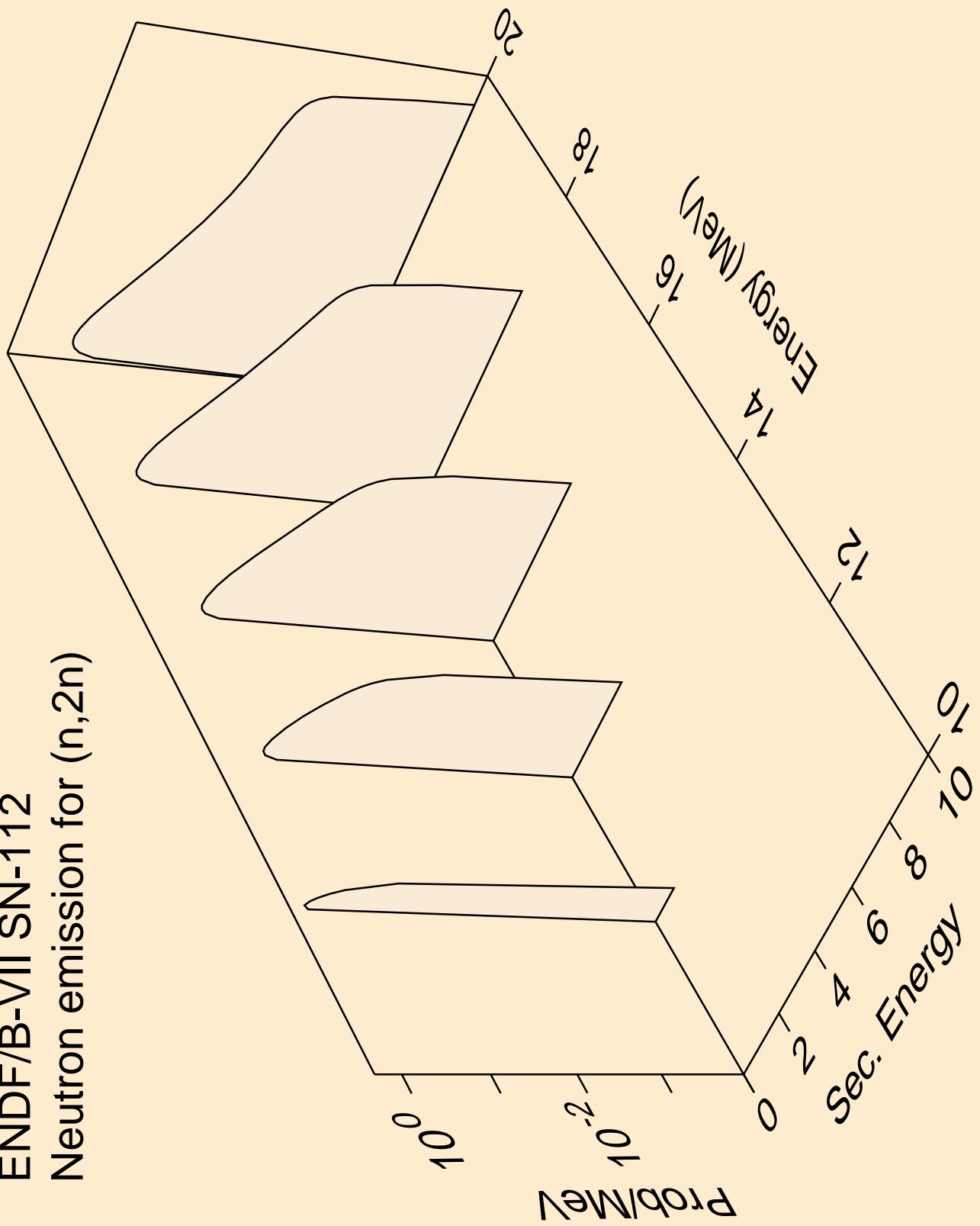
ENDF/B-VII SN-112

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



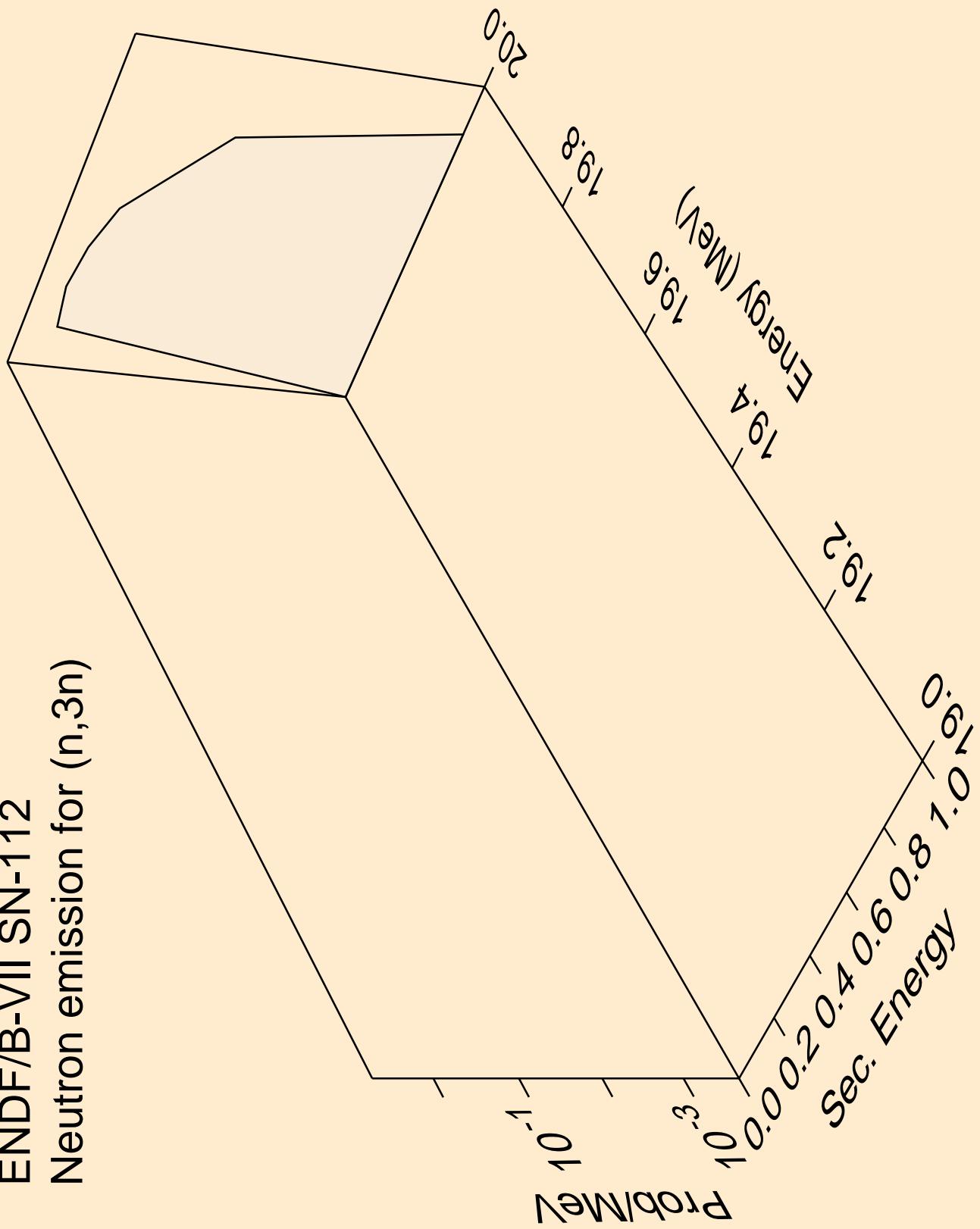
ENDF/B-VII SN-1112

Neutron emission for $(n,2n)$



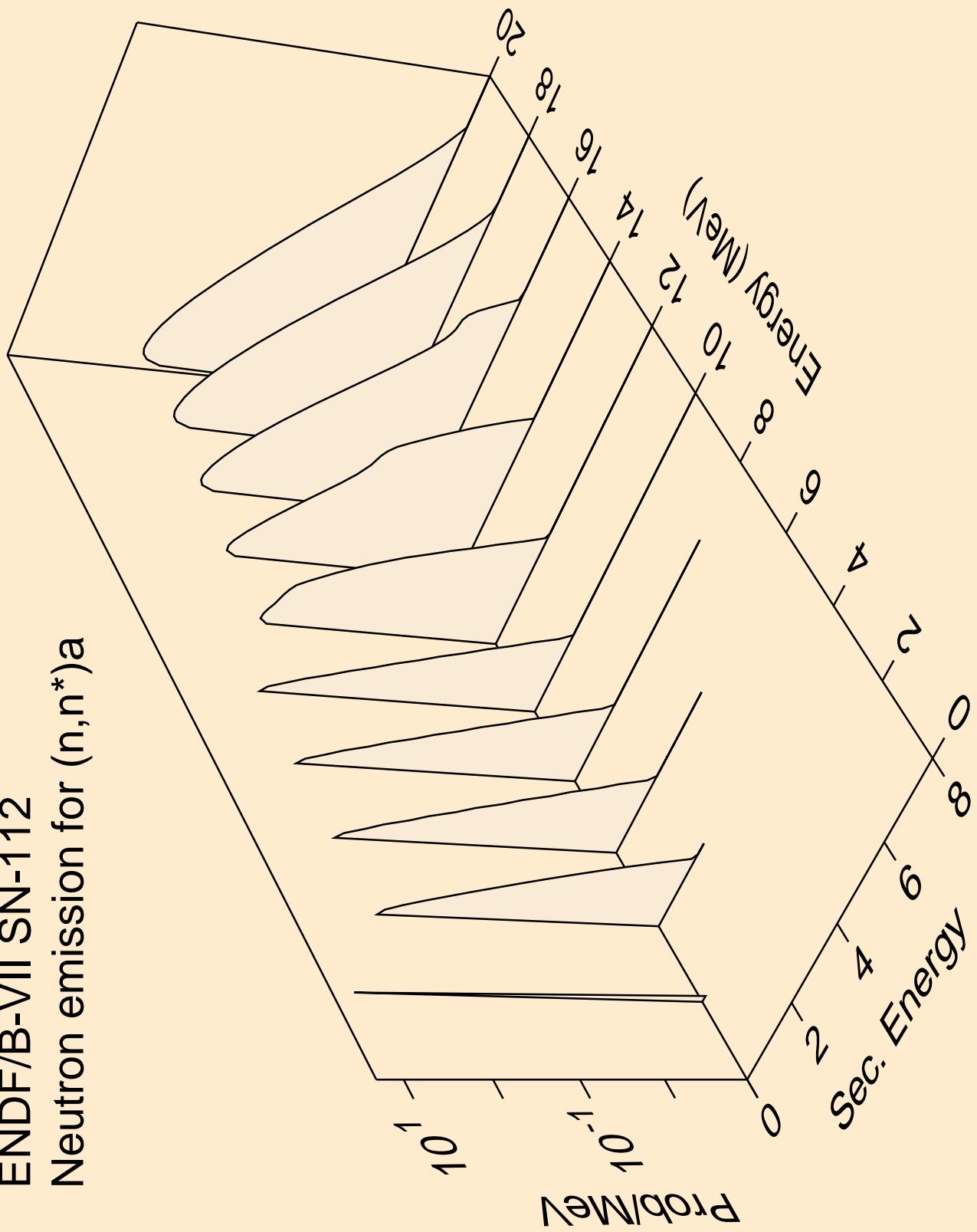
ENDF/B-VII SN-1112

Neutron emission for $(n, 3n)$



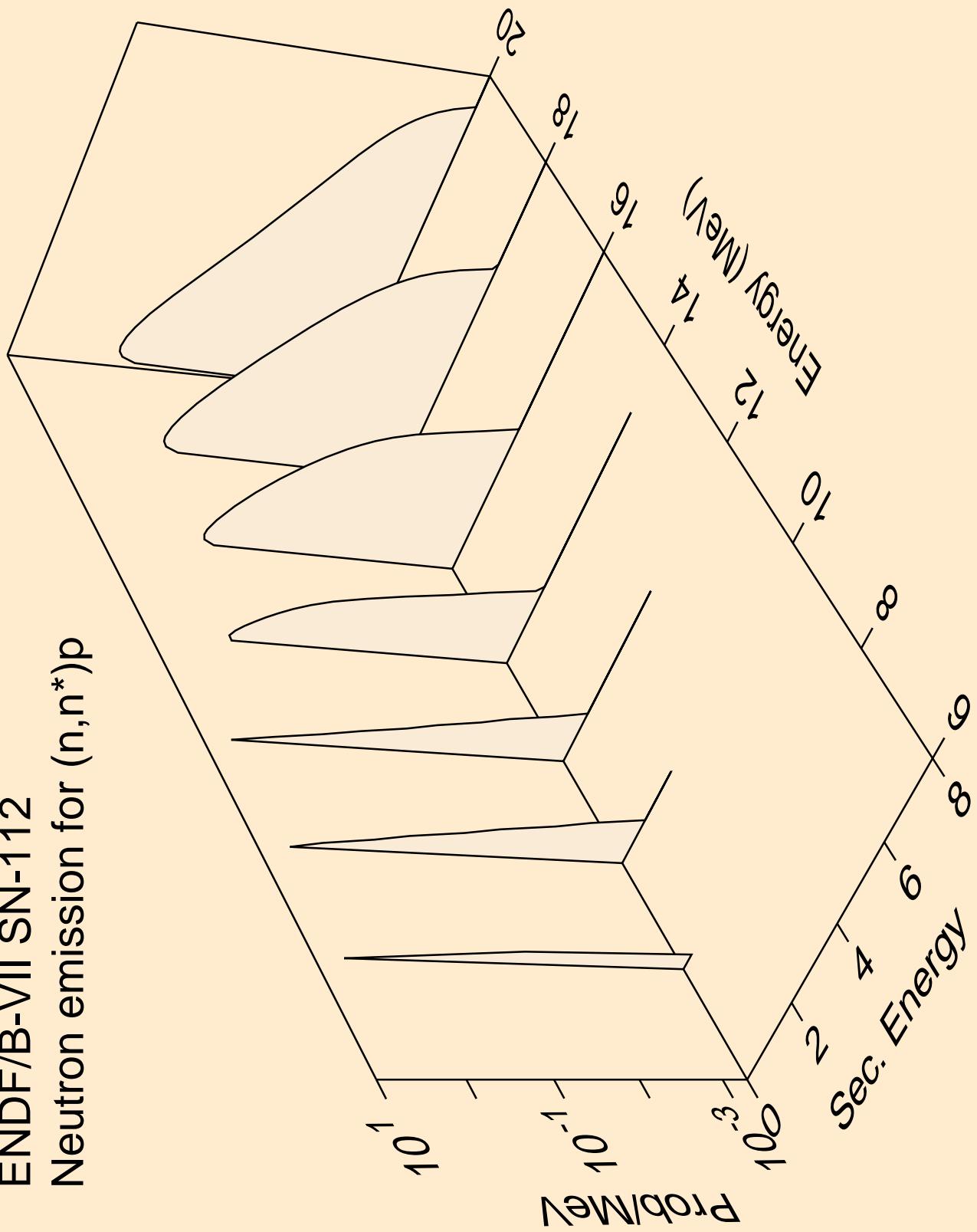
ENDF/B-VII SN-112

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



ENDF/B-VII SN-1112

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



ENDF/B-VII SN-1112

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

