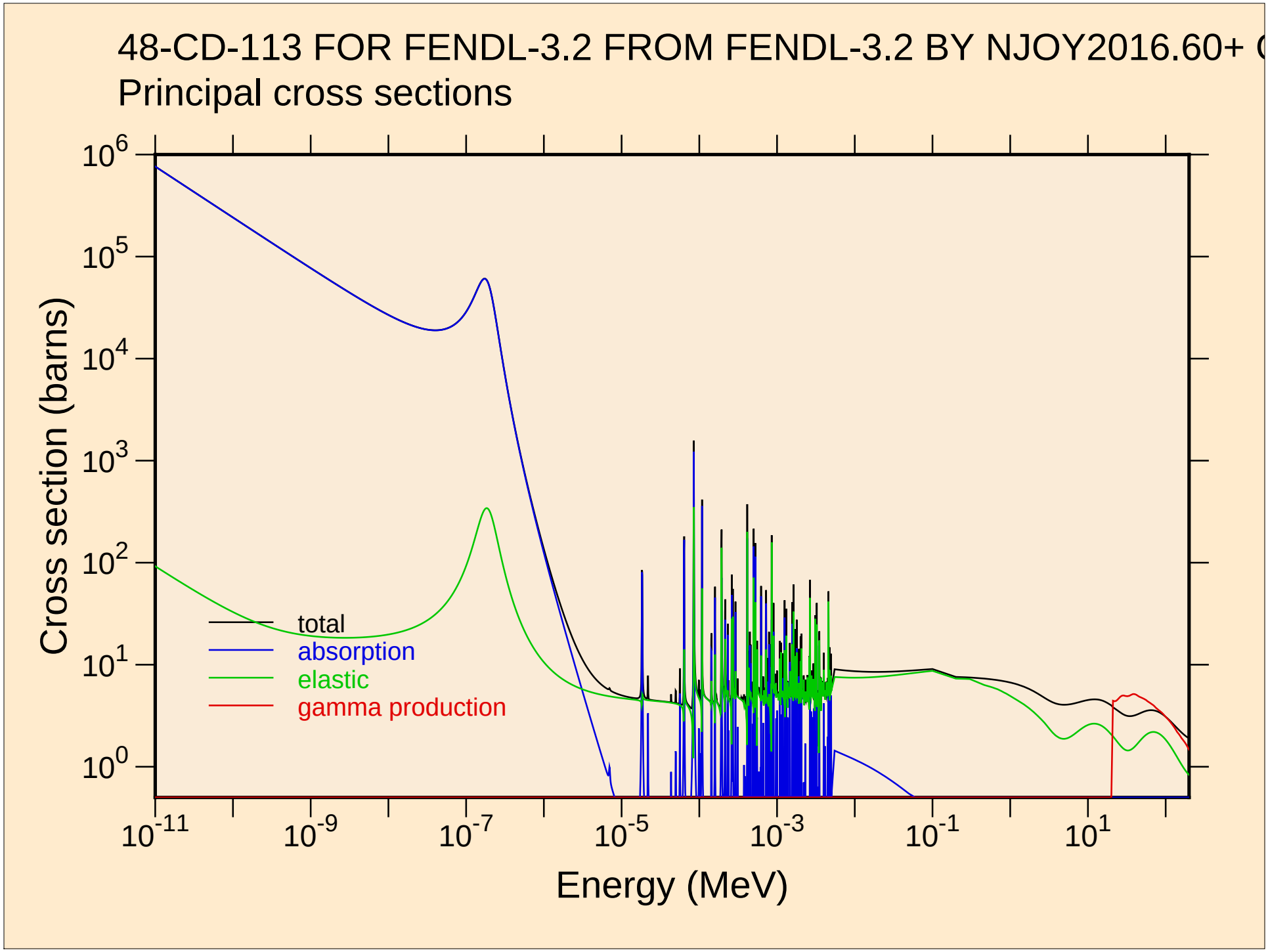
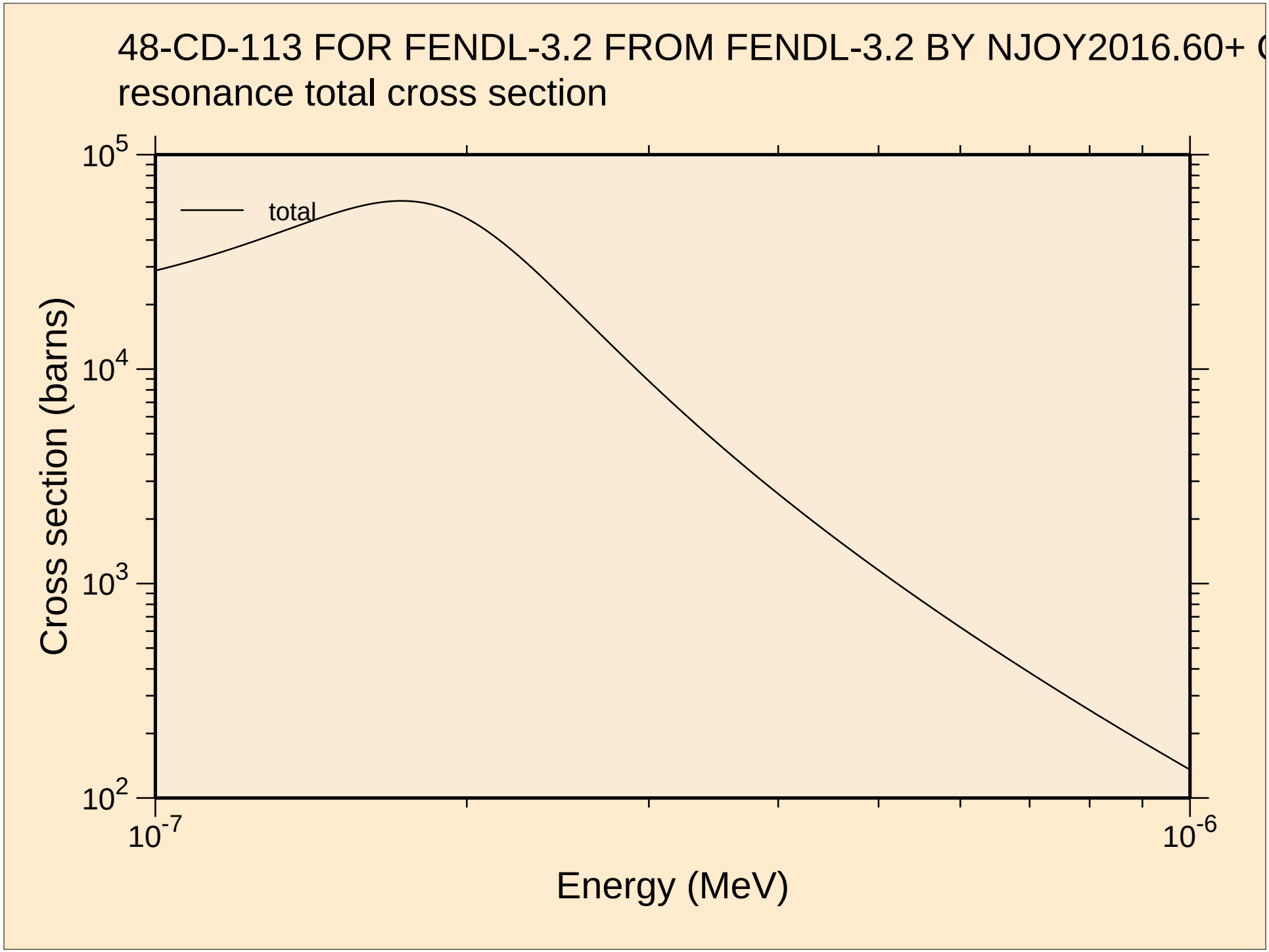
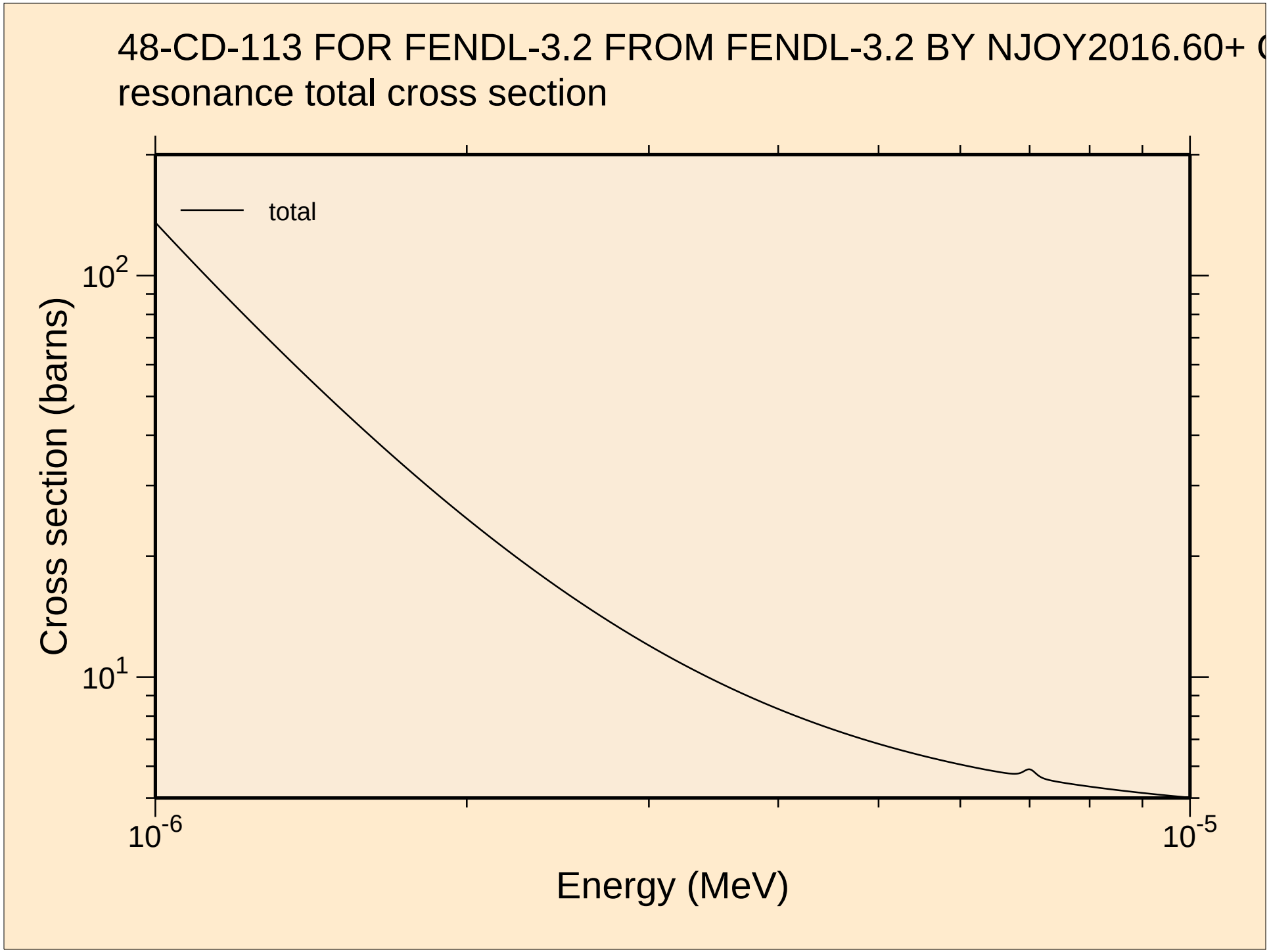
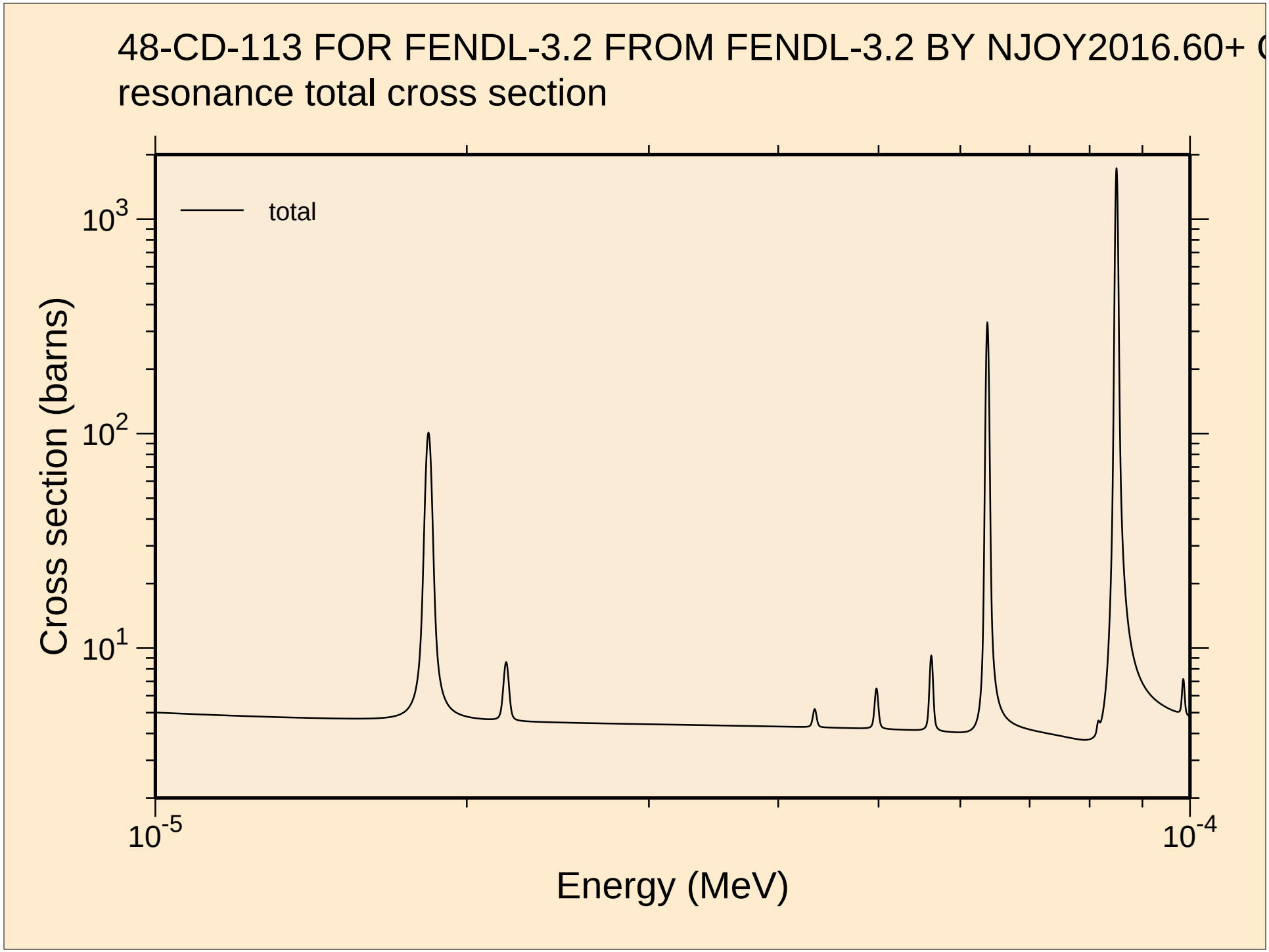
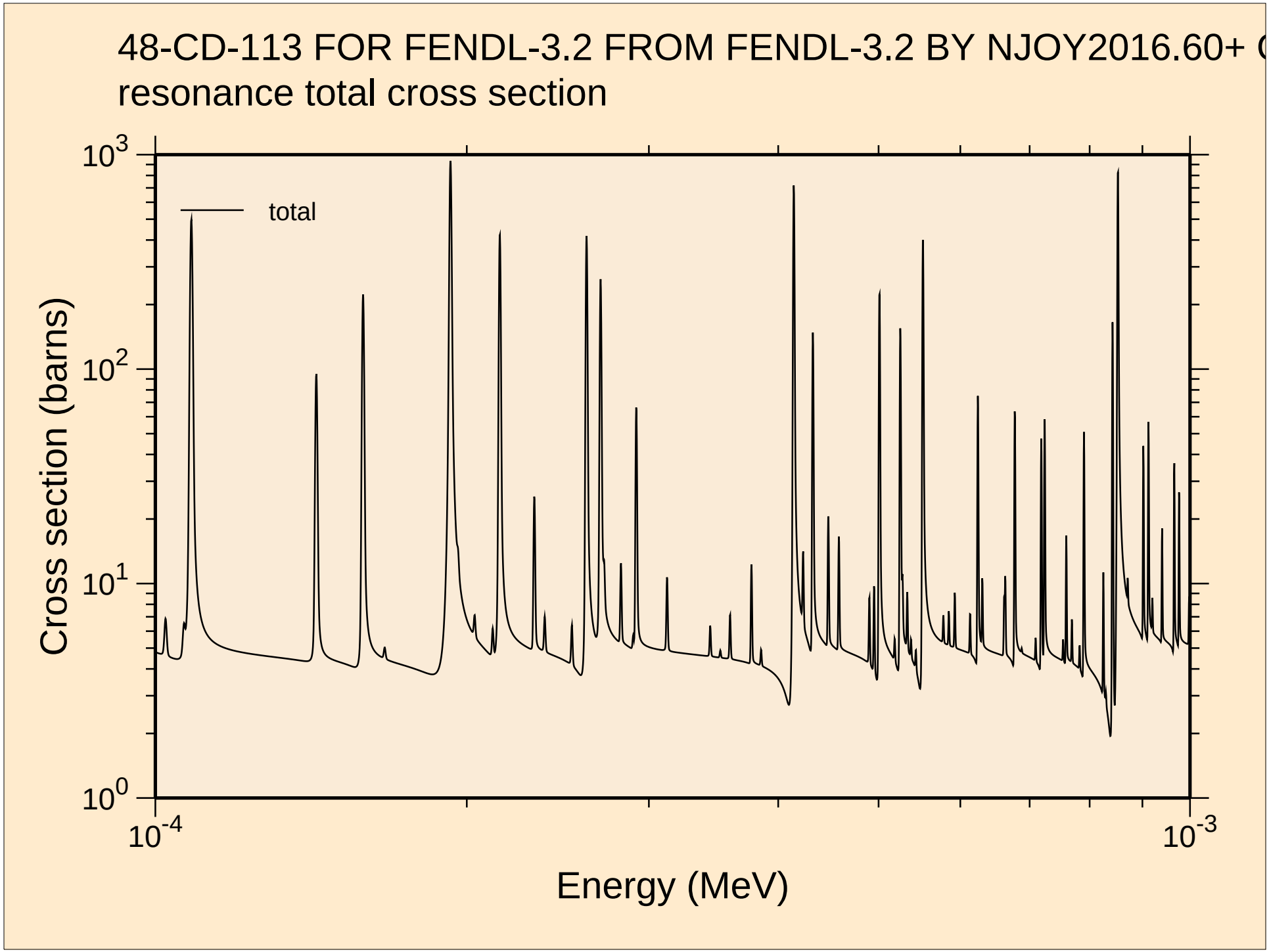
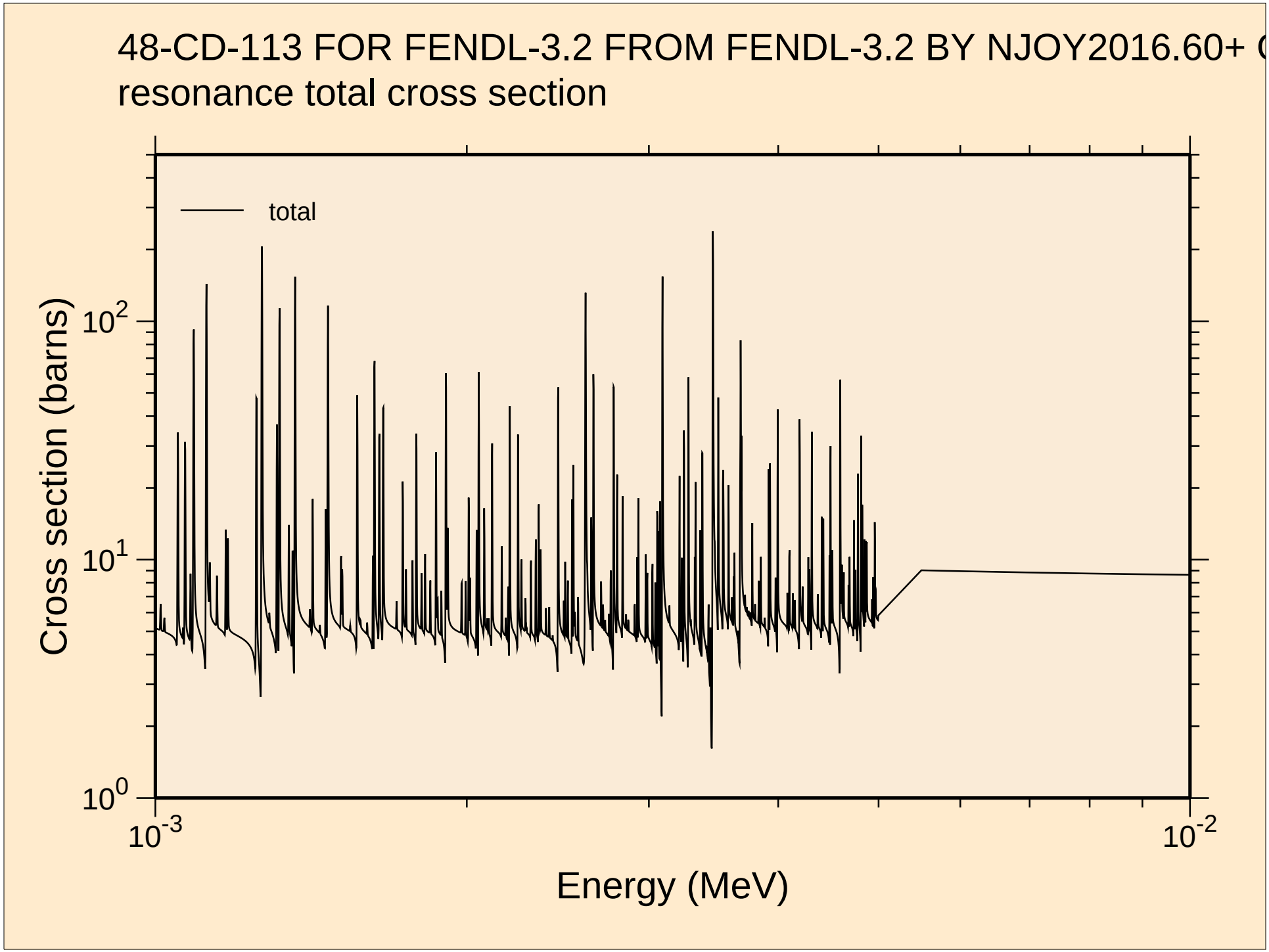

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Principal cross sections
Cross section (barns)
Energy (MeV)
total
absorption
elastic
gamma production
10^6
10^5
10^4
10^3
10^2
10^1
10^0
10^-11
10^-9
10^-7
10^-5
10^-3
10^-1
10^1

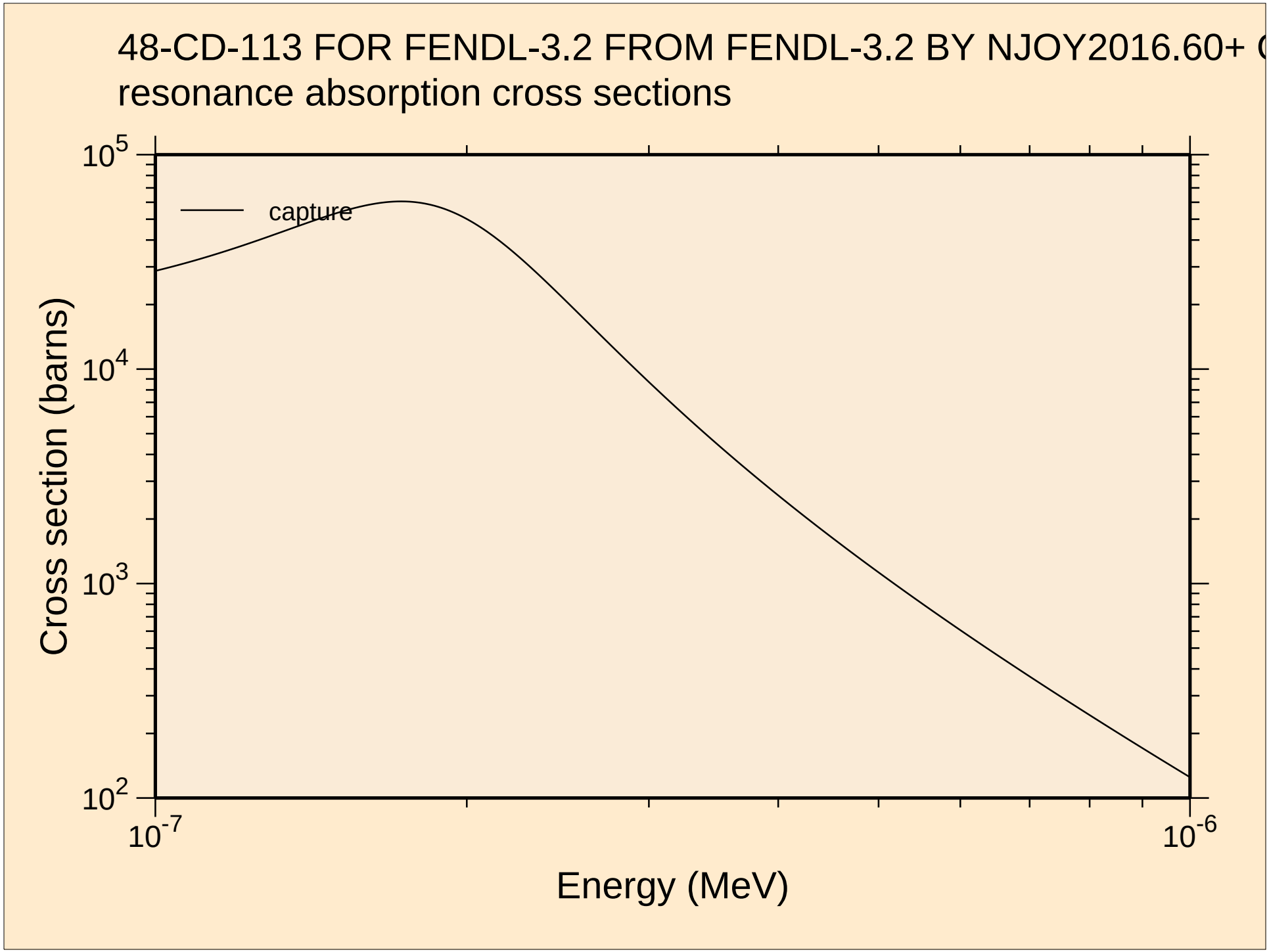

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
resonance total cross section
total
Cross section (barns)
10^5
10^4
10^3
10^2
10^-7
10^-6
Energy (MeV)

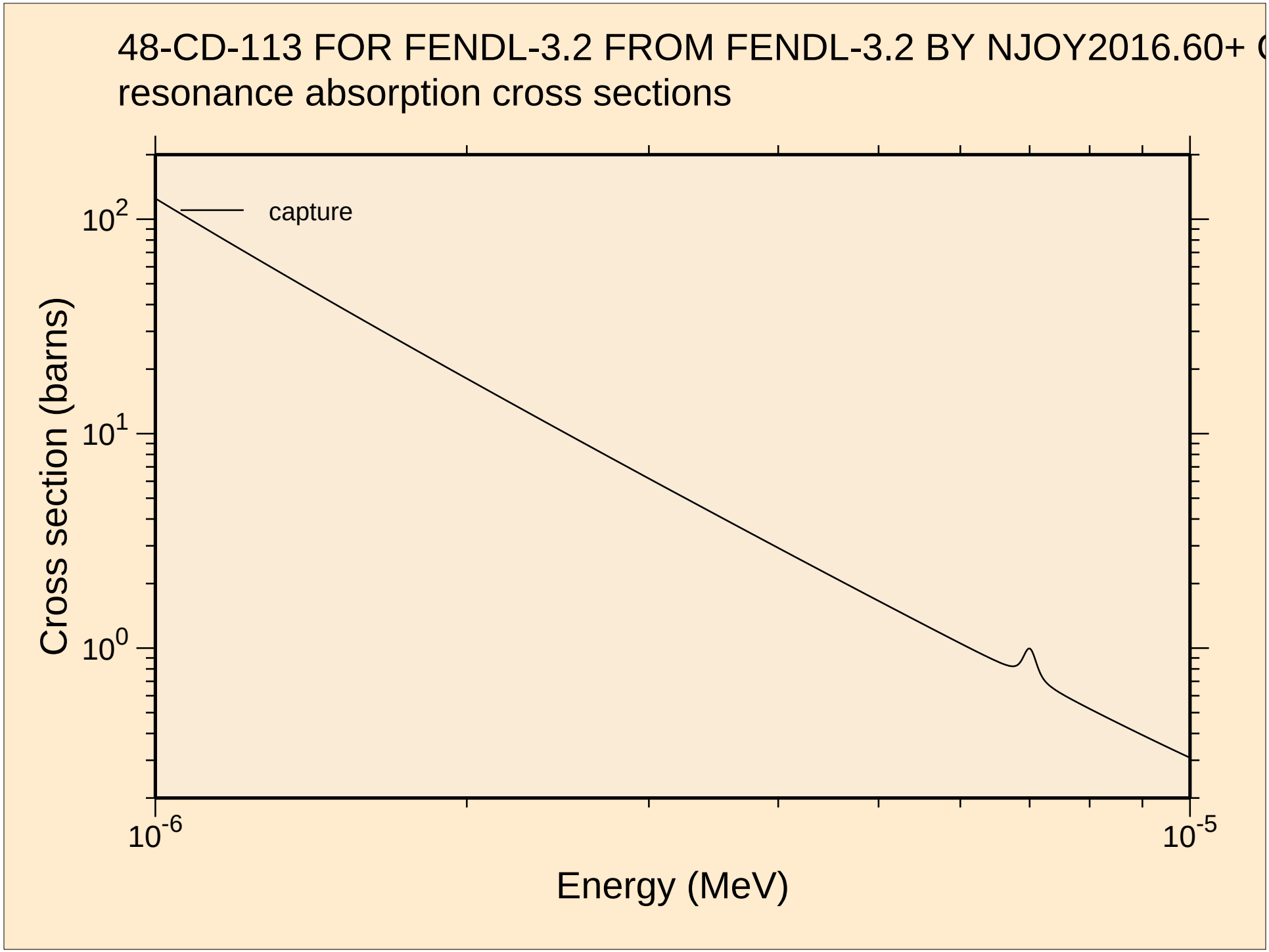

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
resonance total cross section
total
Cross section (barns)
10^2
10^1
10^-6
10^-5
Energy (MeV)

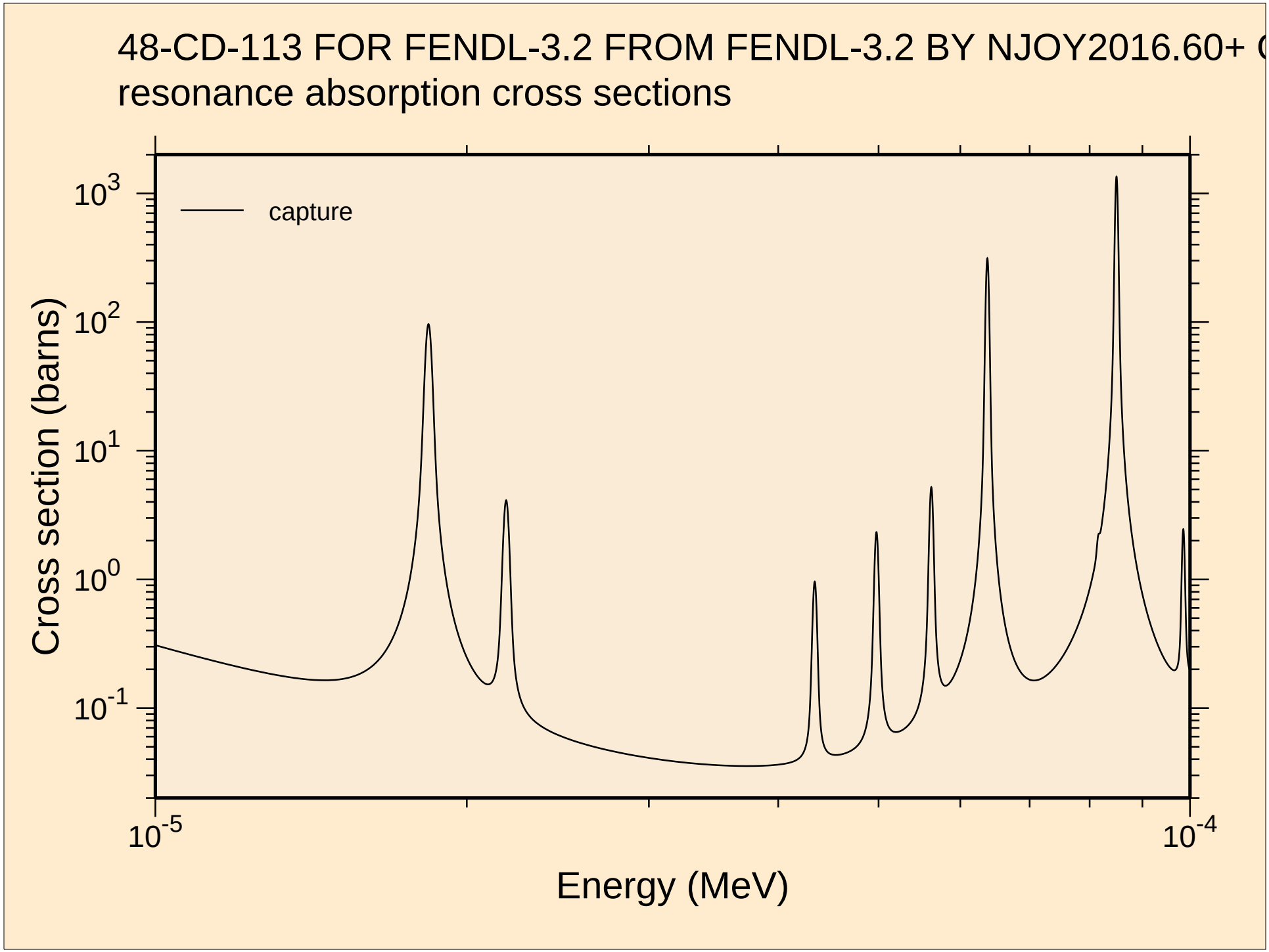

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
resonance total cross section
total
Cross section (barns)
10^3
10^2
10^1
10^-5
10^-4
Energy (MeV)

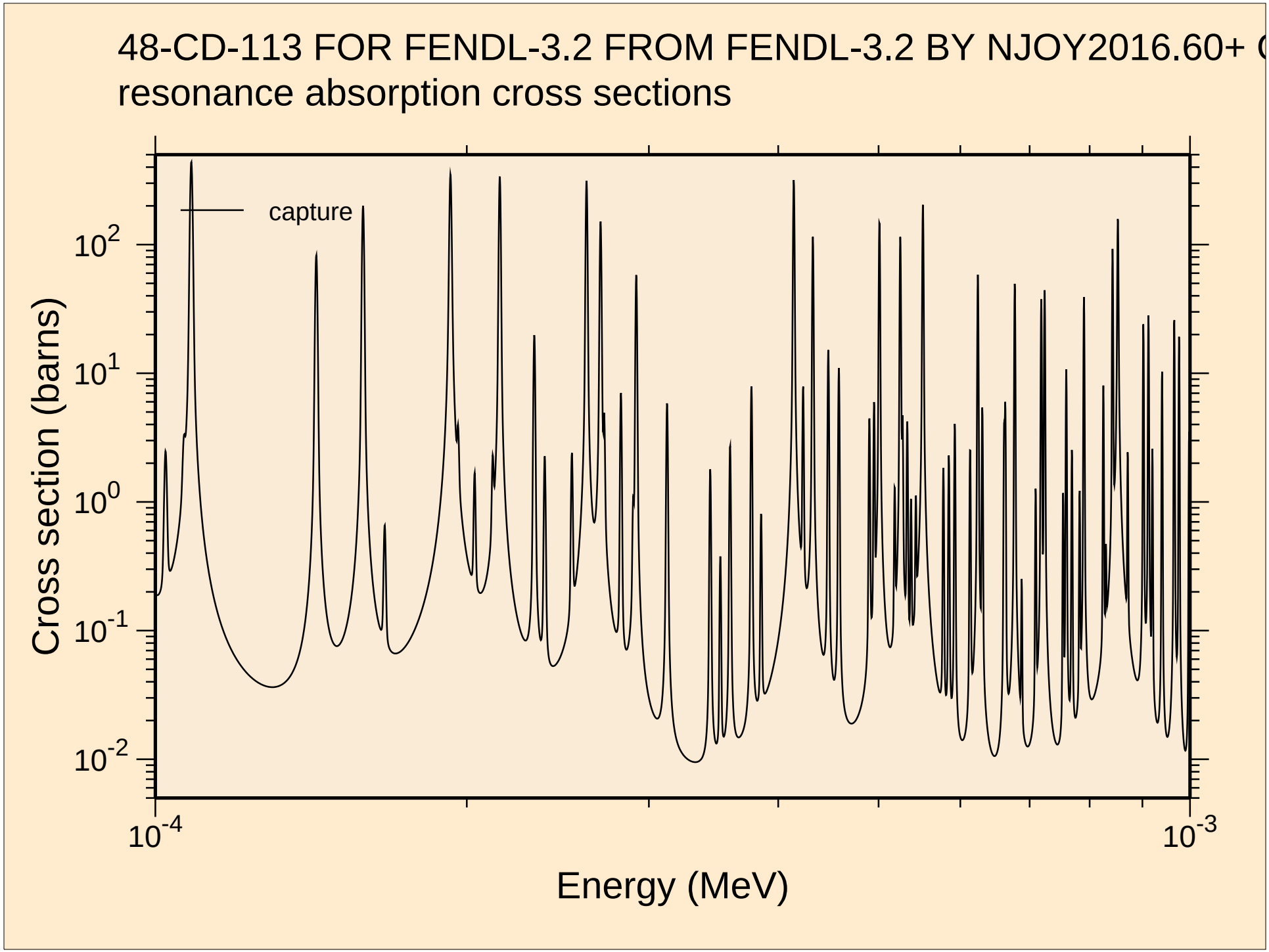

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
resonance total cross section
total
Cross section (barns)
10^3
10^2
10^1
10^0
10^-4
10^-3
Energy (MeV)

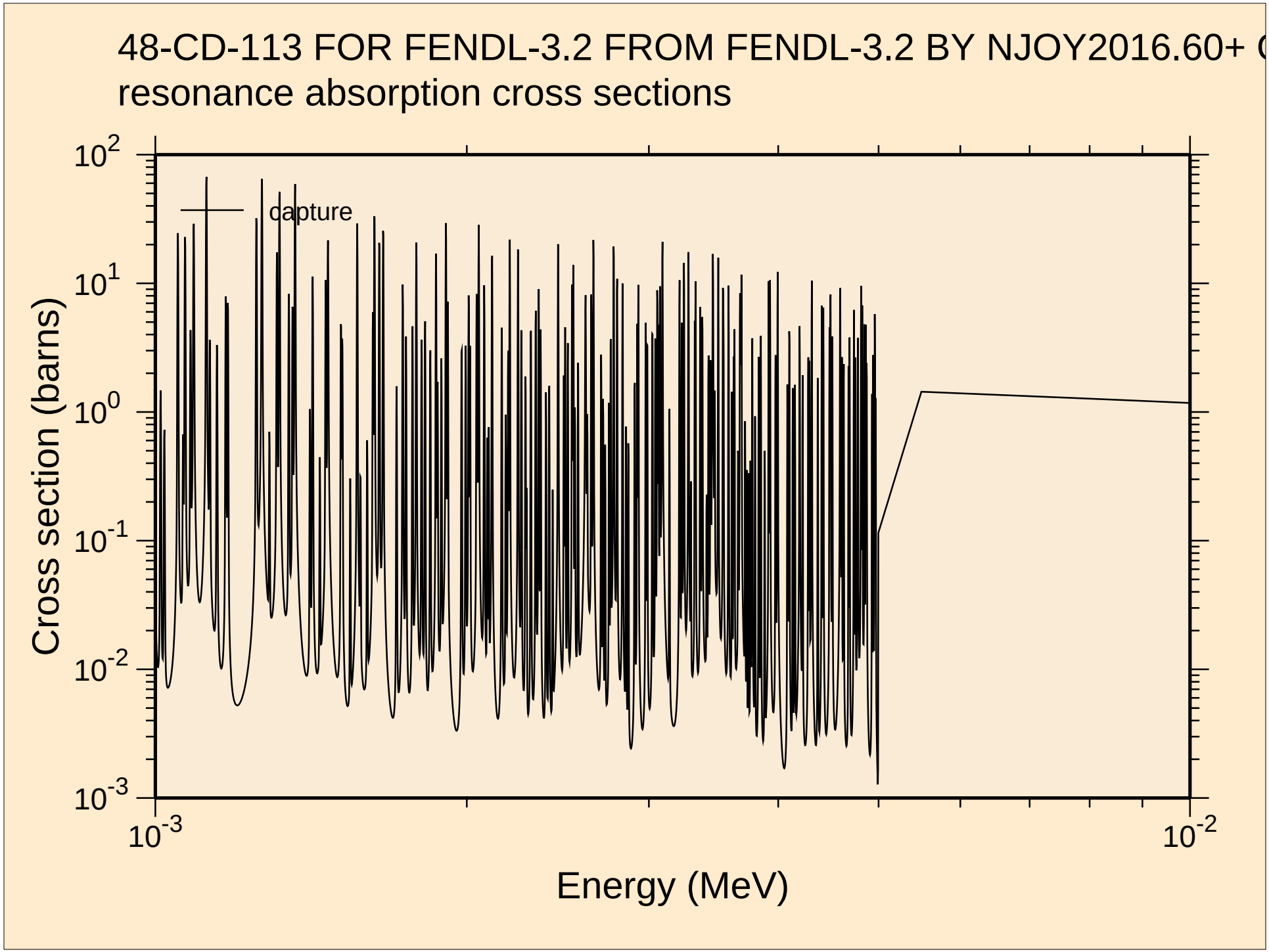

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
resonance total cross section
total
Cross section (barns)
10^2
10^1
10^0
10^-3
10^-2
Energy (MeV)

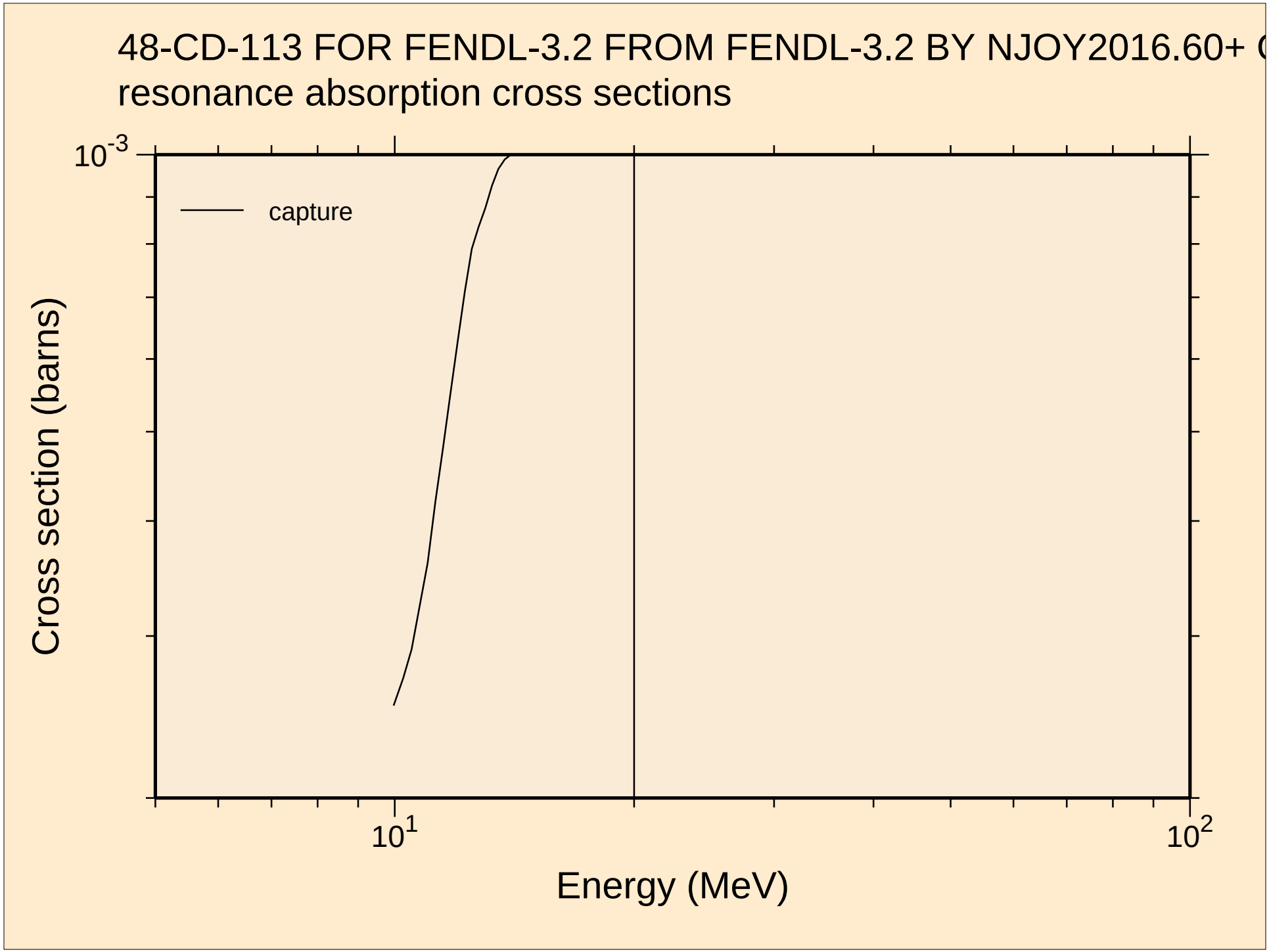

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
resonance absorption cross sections
capture
Cross section (barns)
10^5
10^4
10^3
10^2
10^-7
10^-6
Energy (MeV)

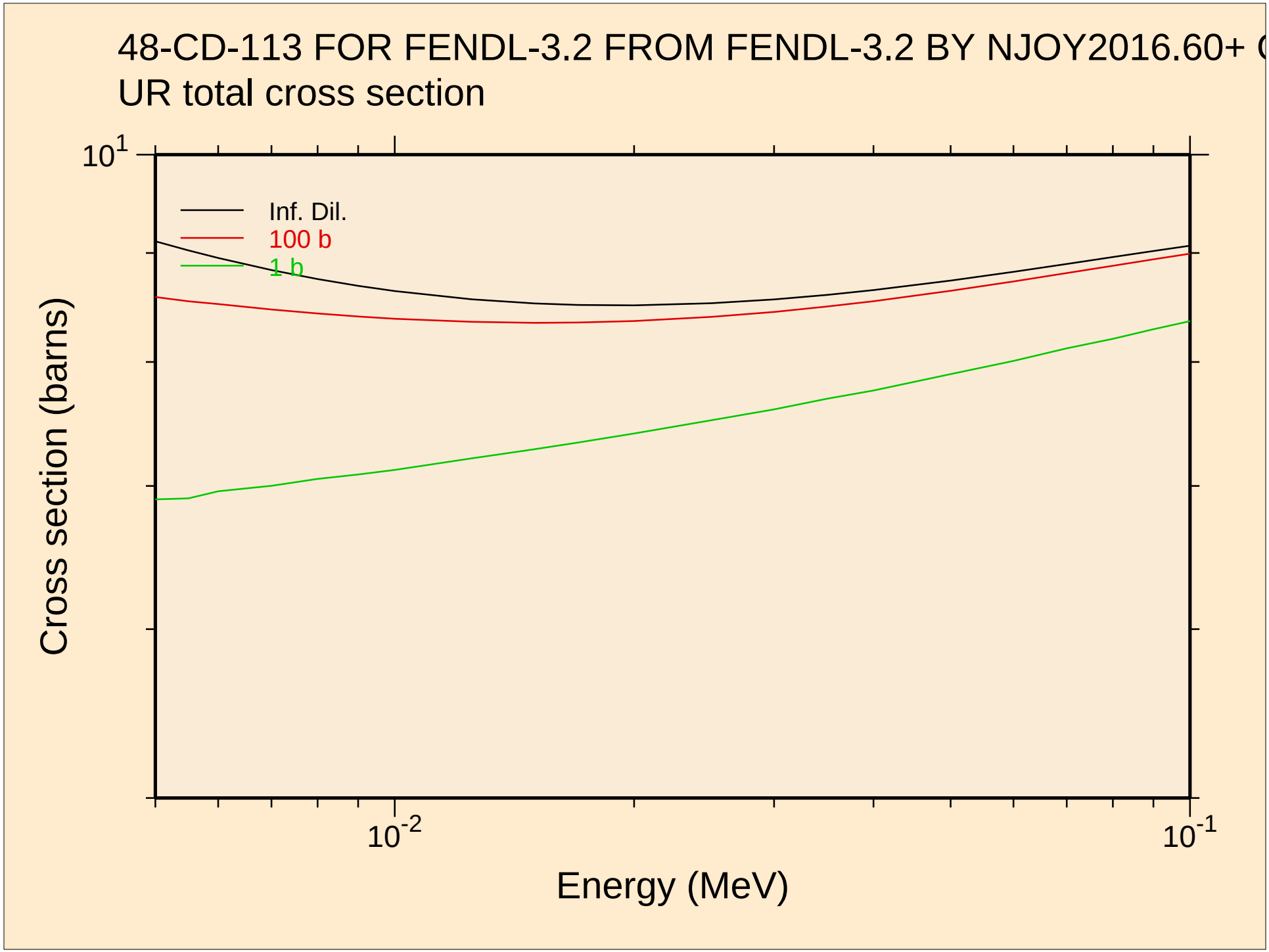

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
resonance absorption cross sections
capture
Cross section (barns)
10^2
10^1
10^0
10^-6
10^-5
Energy (MeV)

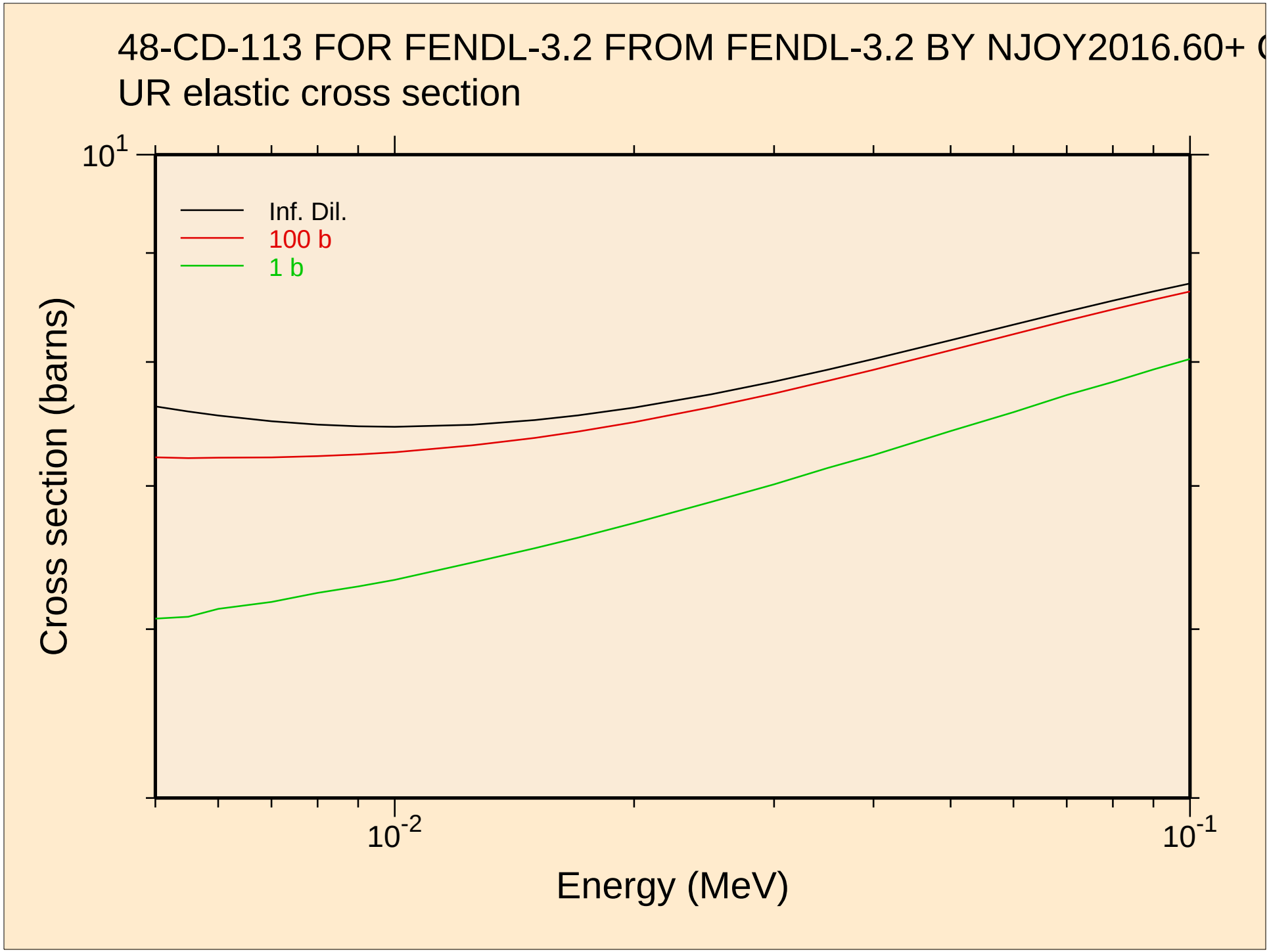

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
resonance absorption cross sections
capture
Cross section (barns)
10^3
10^2
10^1
10^0
10^-1
10^-5
10^-4
Energy (MeV)

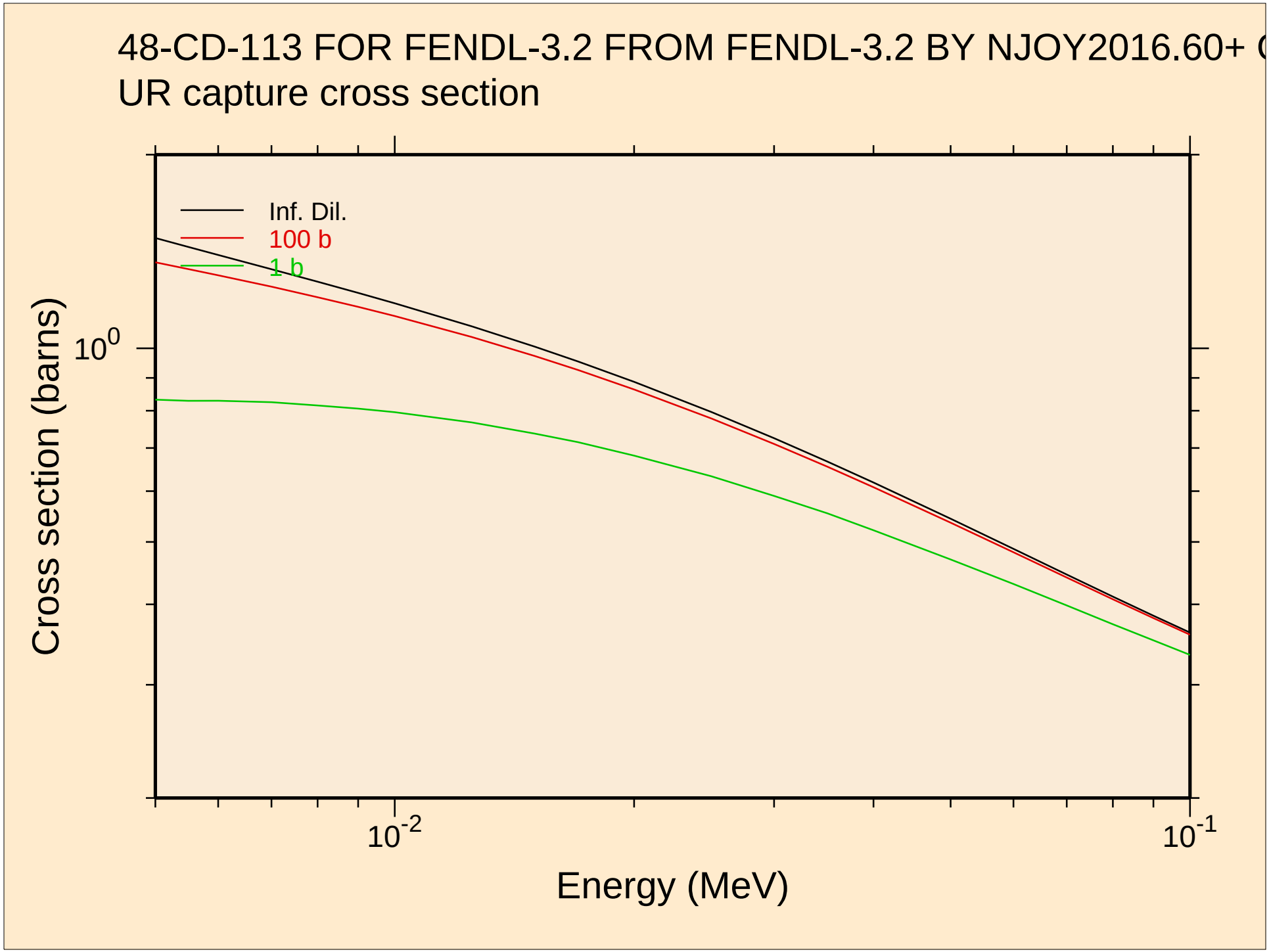

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
resonance absorption cross sections
capture
Cross section (barns)
10^2
10^1
10^0
10^-1
10^-2
10^-4
10^-3
Energy (MeV)

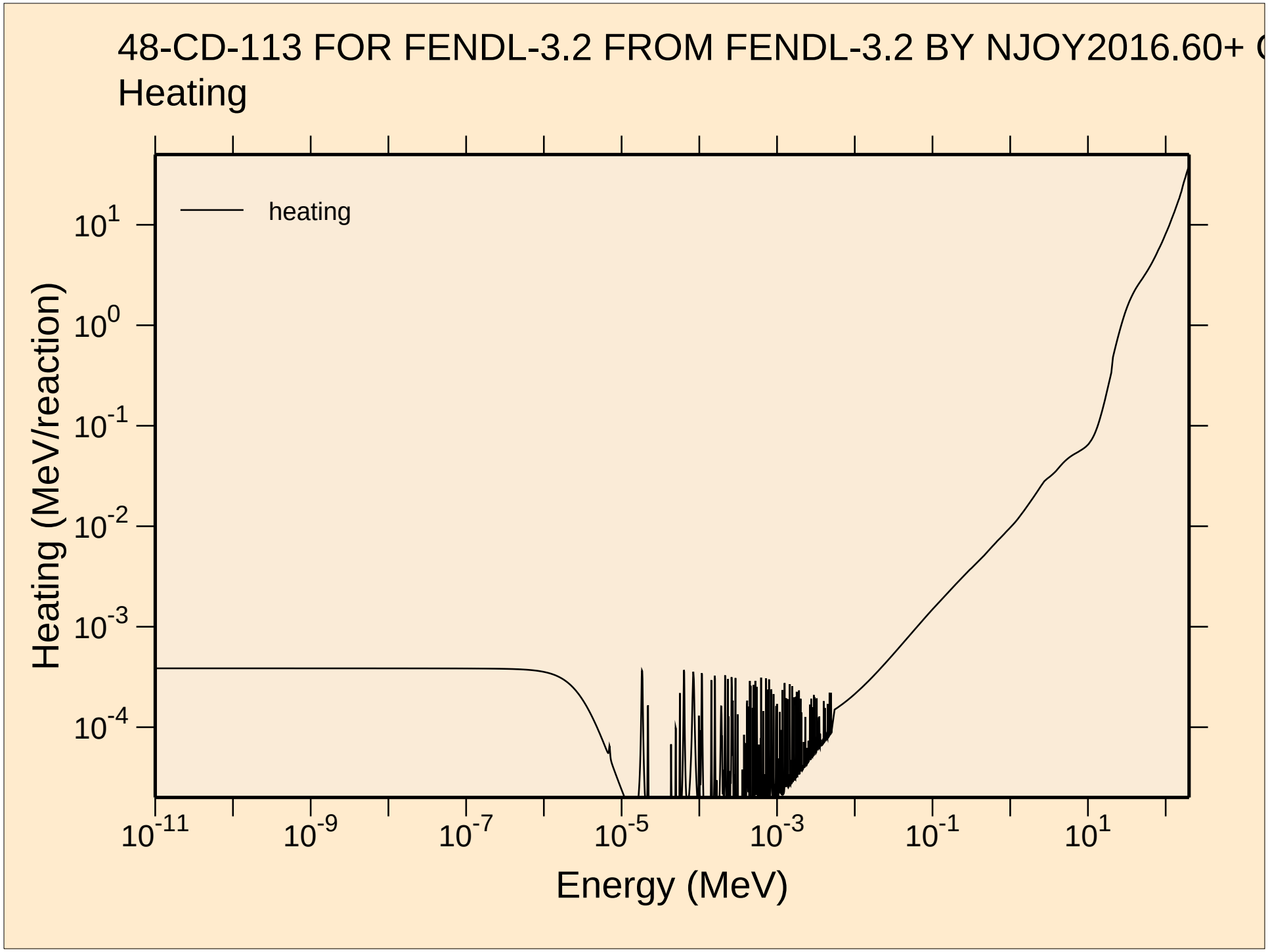

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
resonance absorption cross sections
capture
Cross section (barns)
Energy (MeV)
10^2
10^1
10^0
10^-1
10^-2
10^-3
10^-3
10^-2

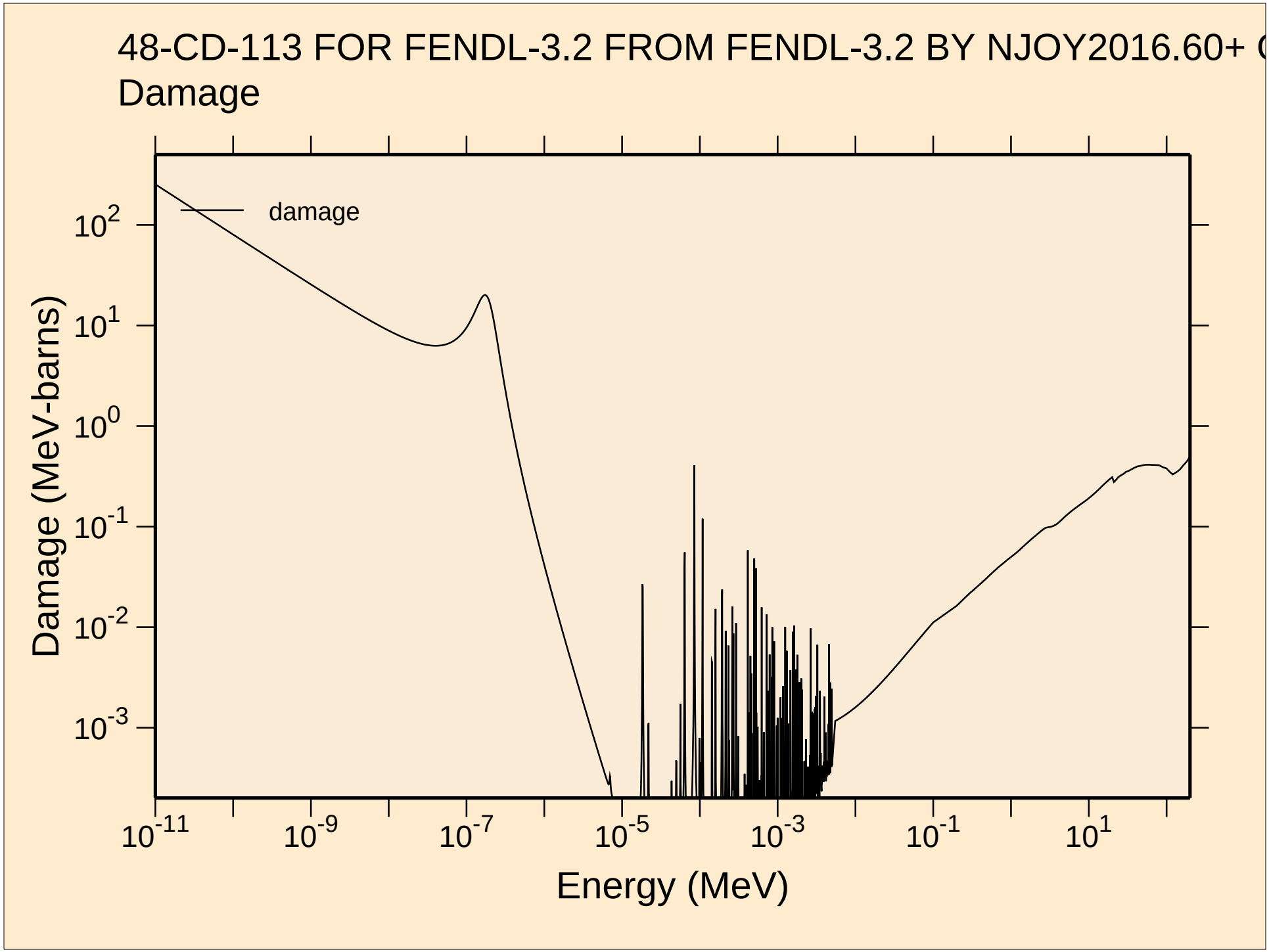

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
resonance absorption cross sections
10-3
capture
Cross section (barns)
101
102
Energy (MeV)

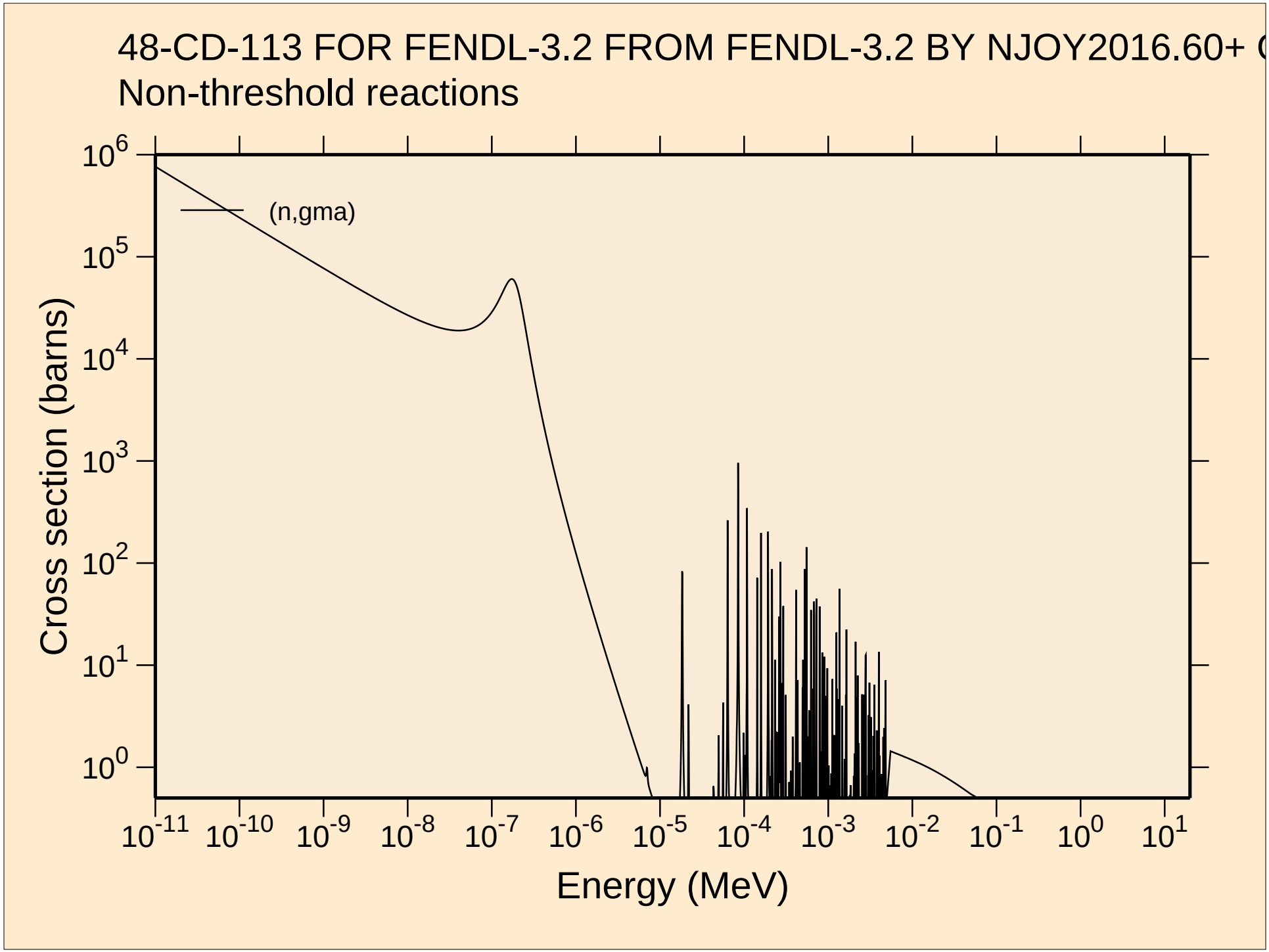

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
UR total cross section
Inf. Dil.
100 b
1 b
Cross section (barns)
Energy (MeV)
10^1
10^-2
10^-1

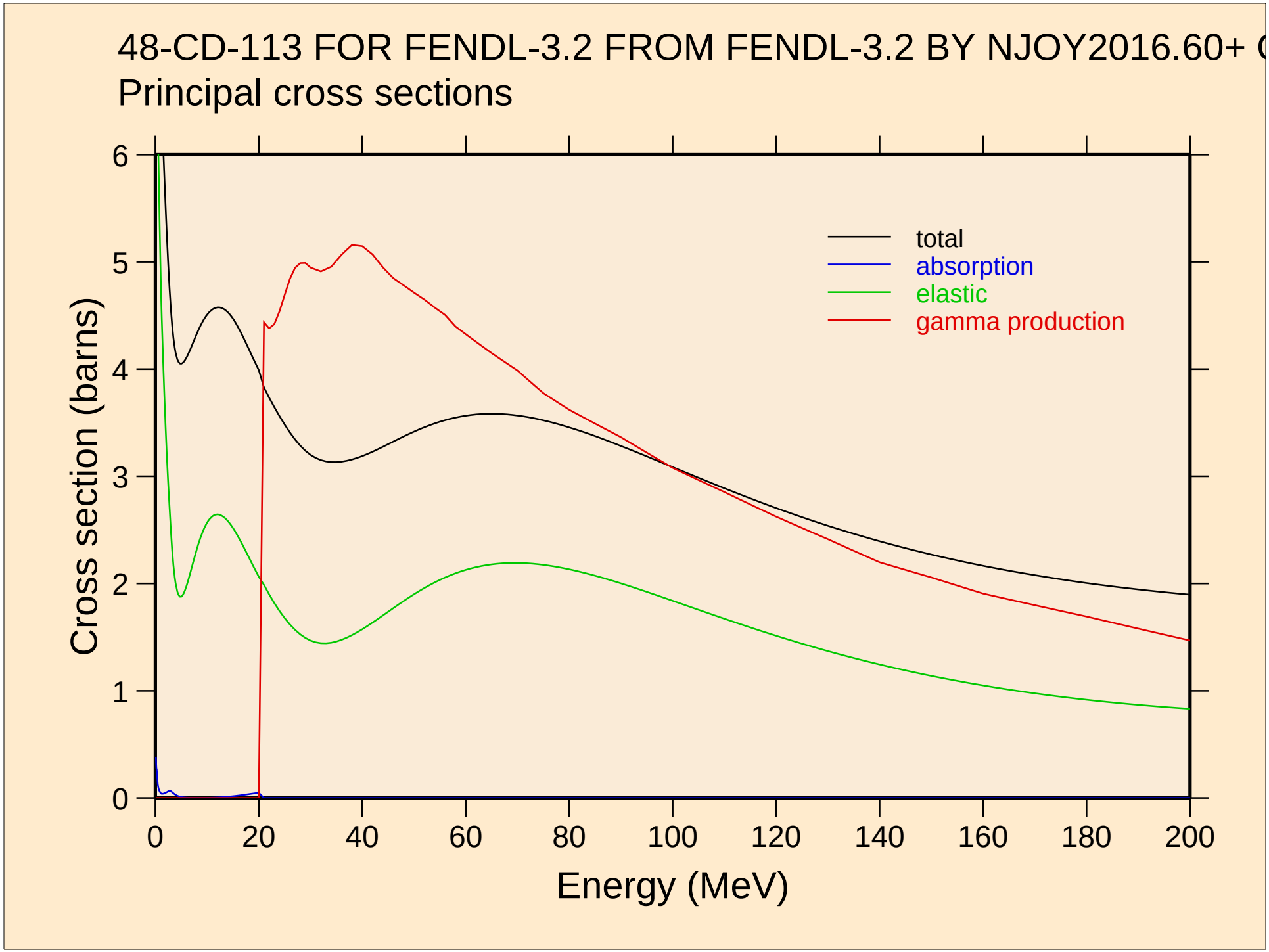

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
UR elastic cross section
10^1
Inf. Dil.
100 b
1 b
Cross section (barns)
10^{-2}
10^{-1}
Energy (MeV)

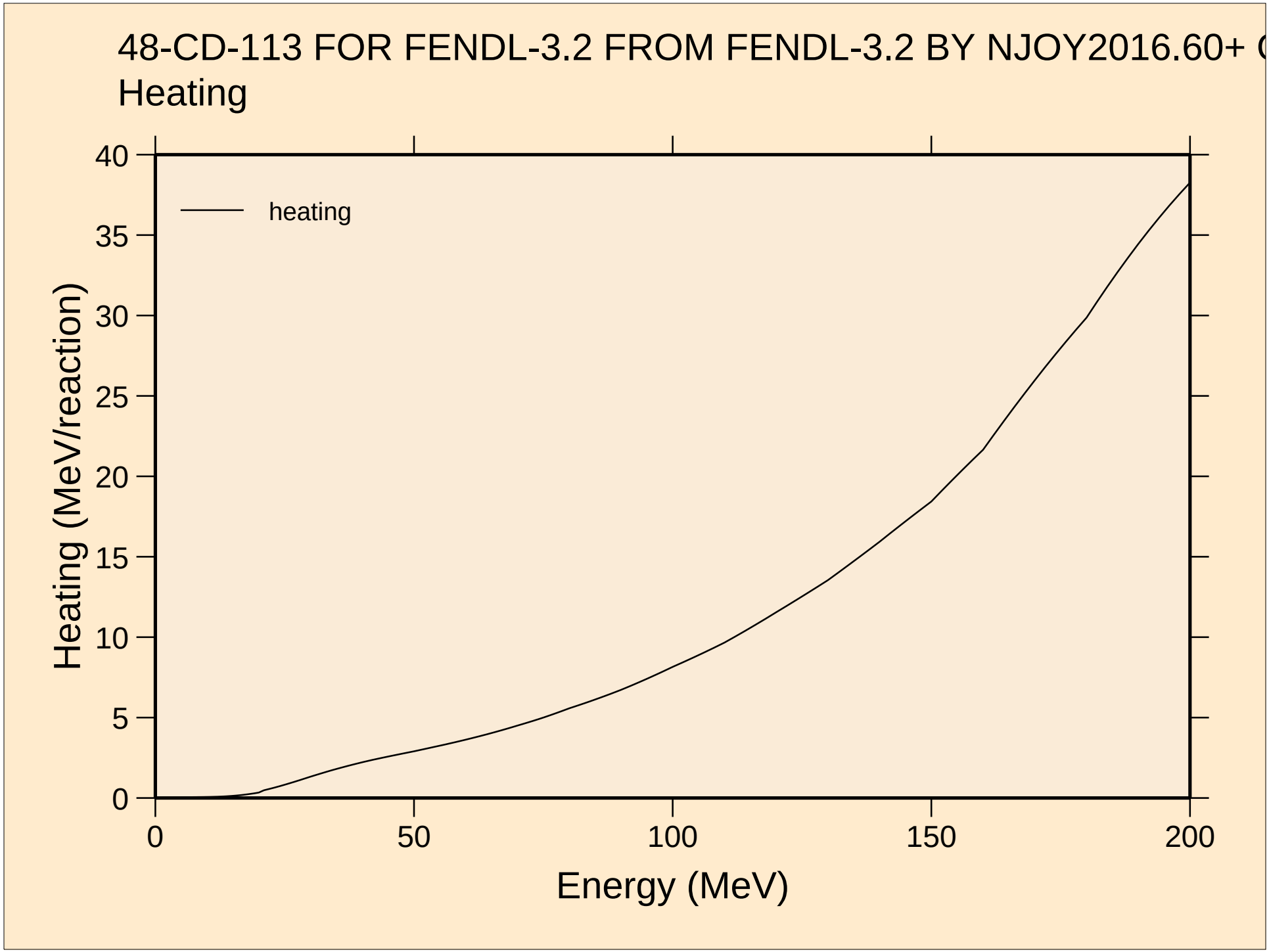

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
UR capture cross section
Inf. Dil.
100 b
1 b
Cross section (barns)
10^0
10^-2
10^-1
Energy (MeV)

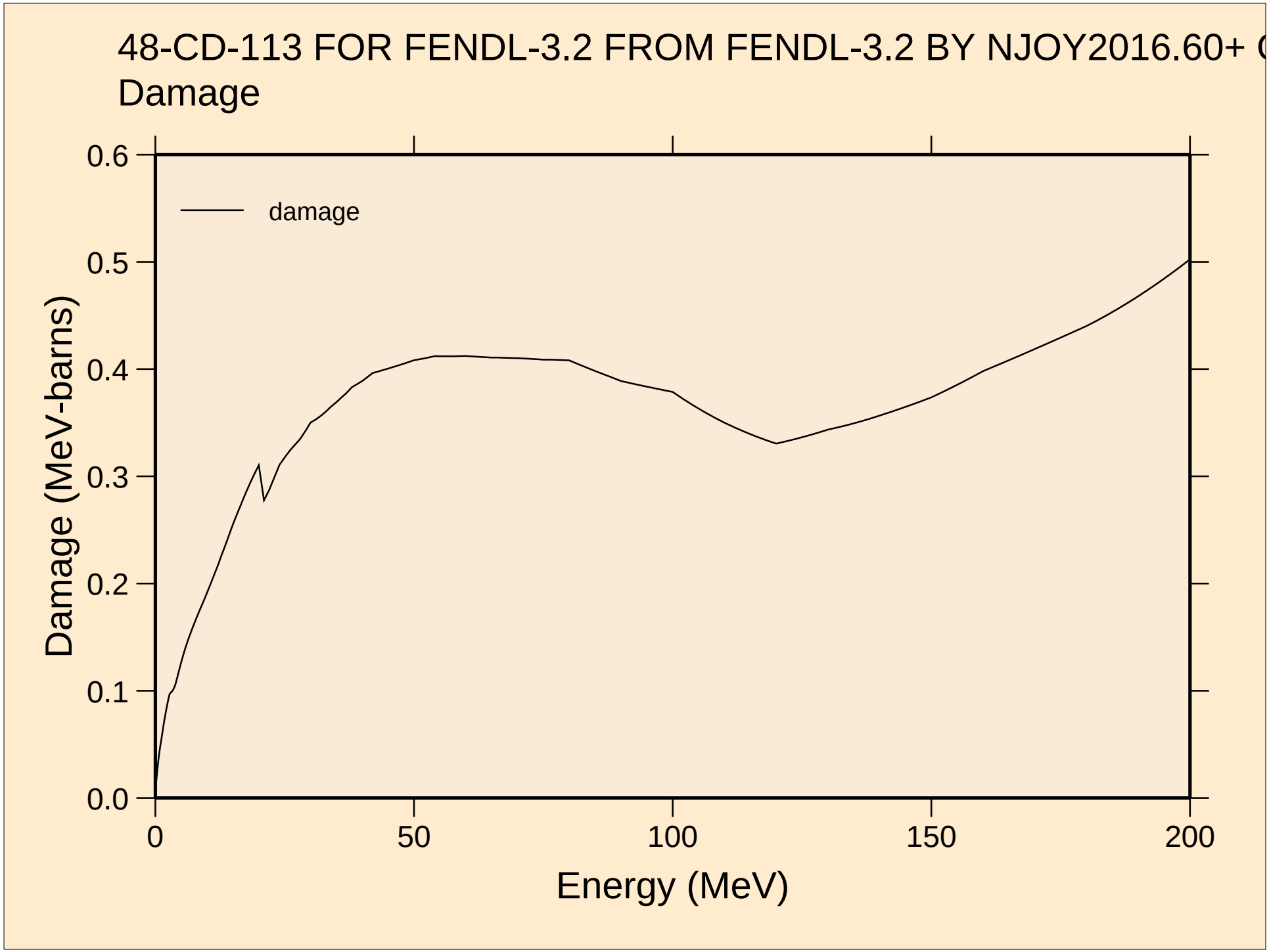

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Heating
heating
Heating (MeV/reaction)
10^1
10^0
10^-1
10^-2
10^-3
10^-4
10^-11
10^-9
10^-7
10^-5
10^-3
10^-1
10^1
Energy (MeV)

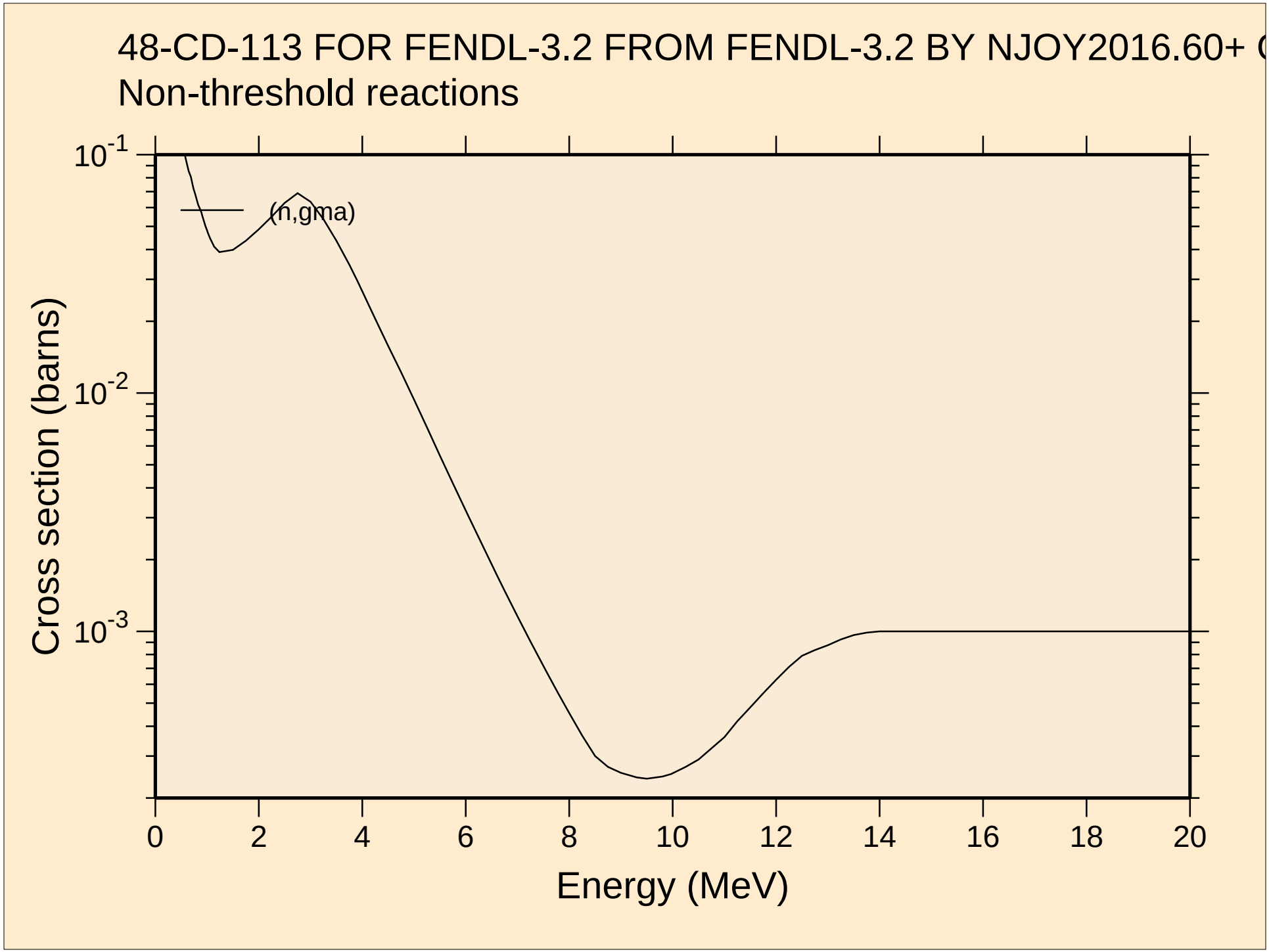

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Damage
damage
Damage (MeV-barns)
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
10^{1}
Energy (MeV)

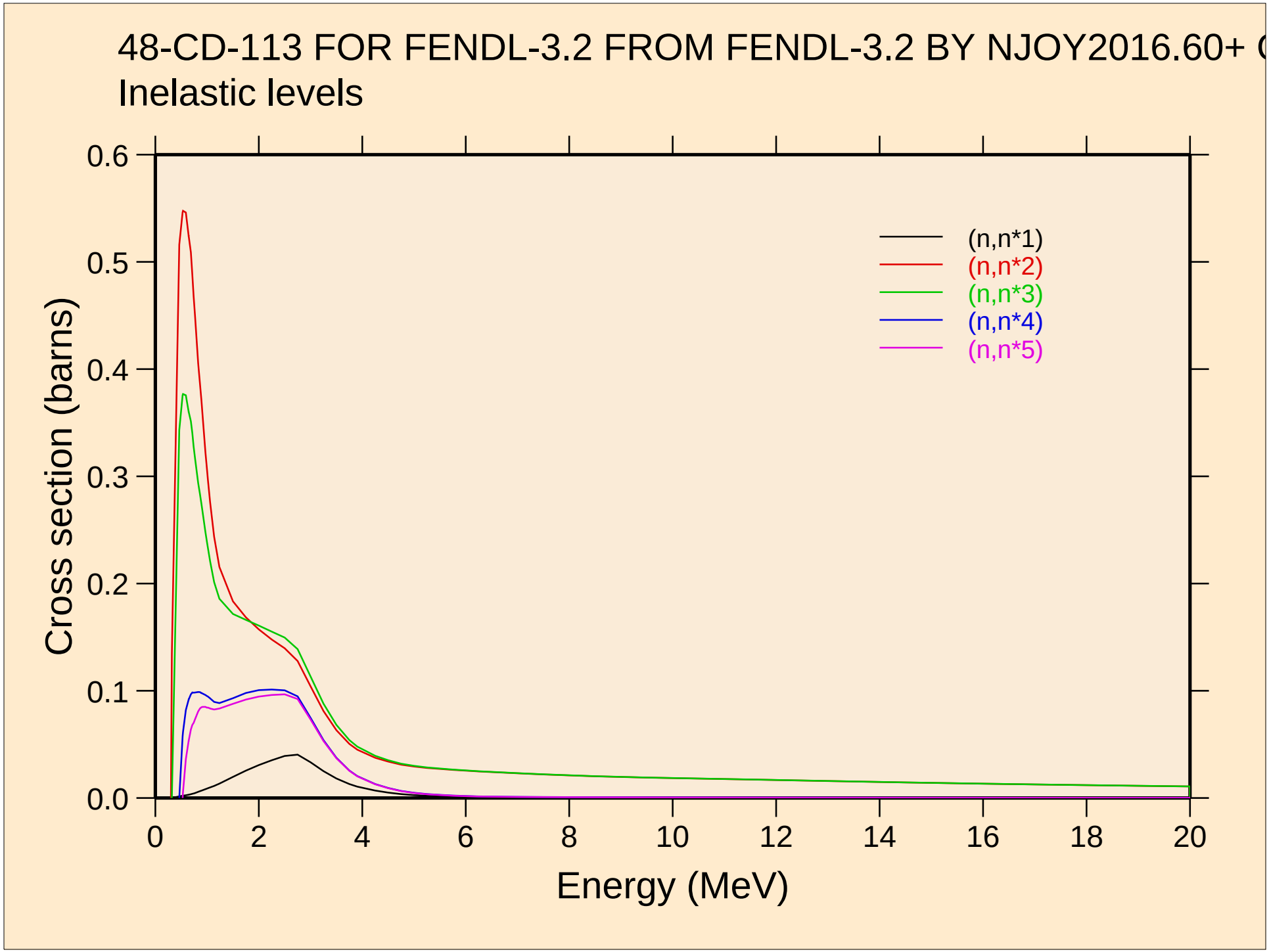

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Non-threshold reactions
(n,gma)
Cross section (barns)
Energy (MeV)
10^6
10^5
10^4
10^3
10^2
10^1
10^0
10^-11
10^-10
10^-9
10^-8
10^-7
10^-6
10^-5
10^-4
10^-3
10^-2
10^-1
10^0
10^1

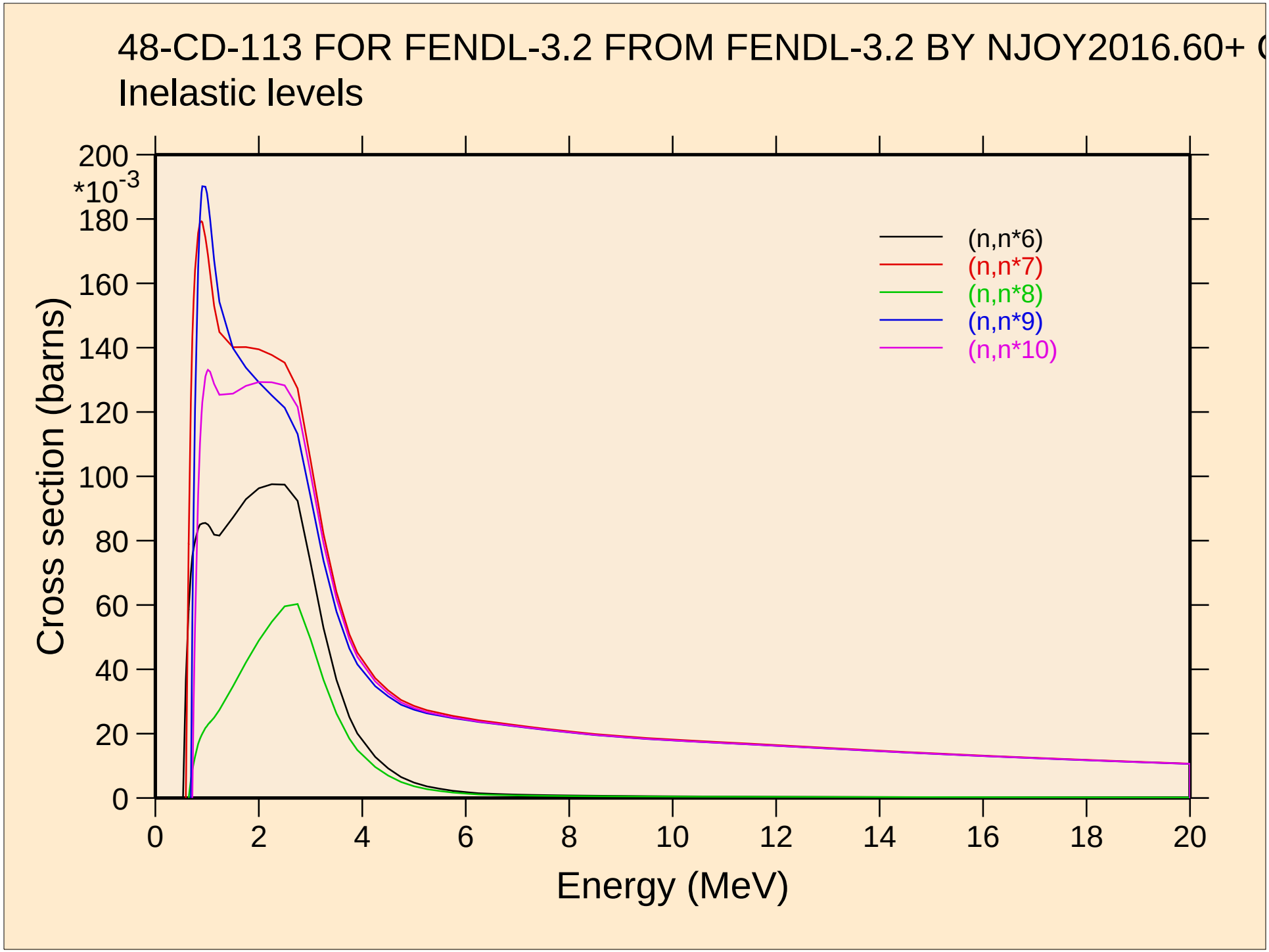

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Principal cross sections
Cross section (barns)
Energy (MeV)
0
1
2
3
4
5
6
0
20
40
60
80
100
120
140
160
180
200
total
absorption
elastic
gamma production

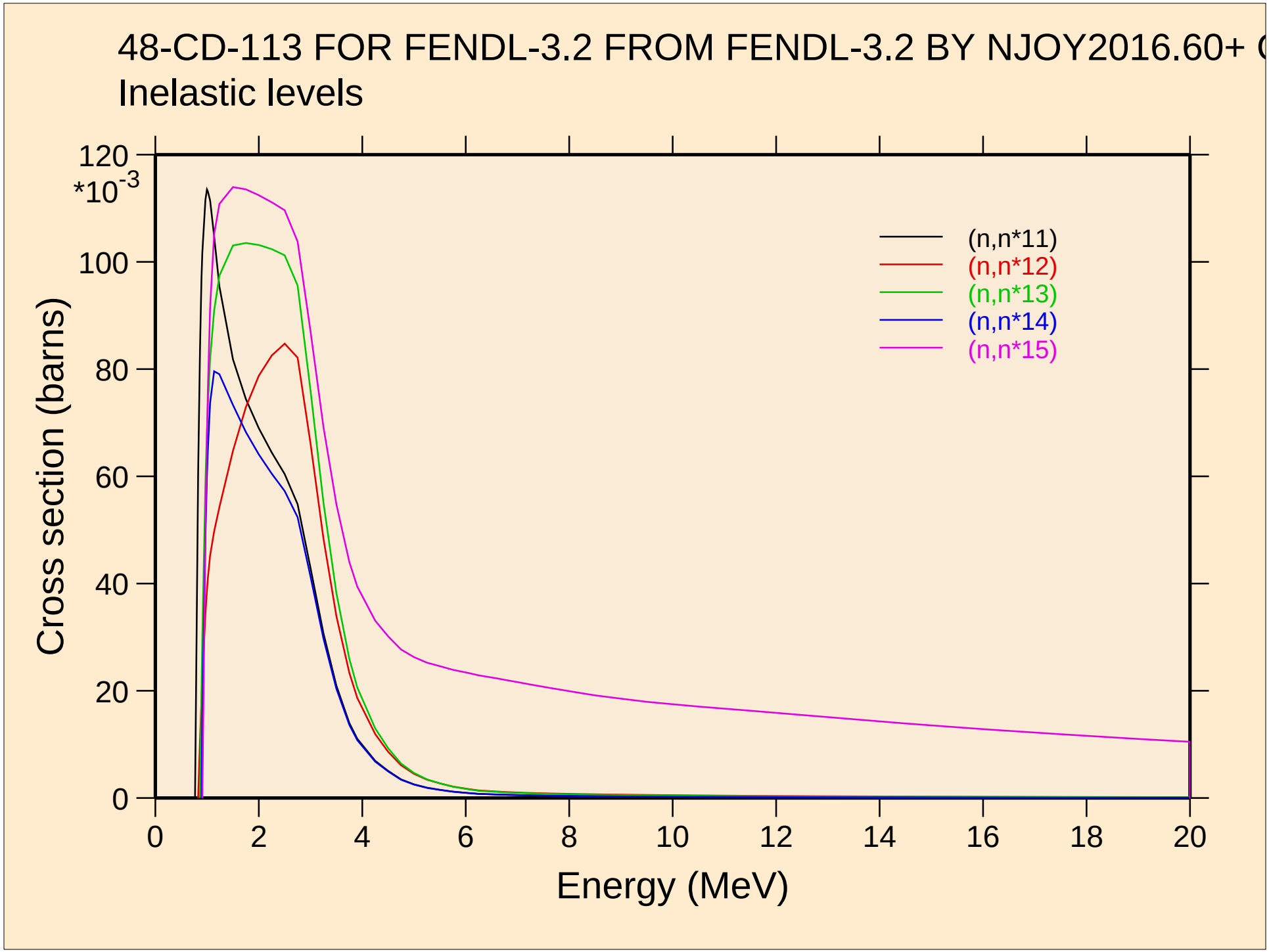

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Heating
heating
Heating (MeV/reaction)
Energy (MeV)
0
5
10
15
20
25
30
35
40
0
50
100
150
200

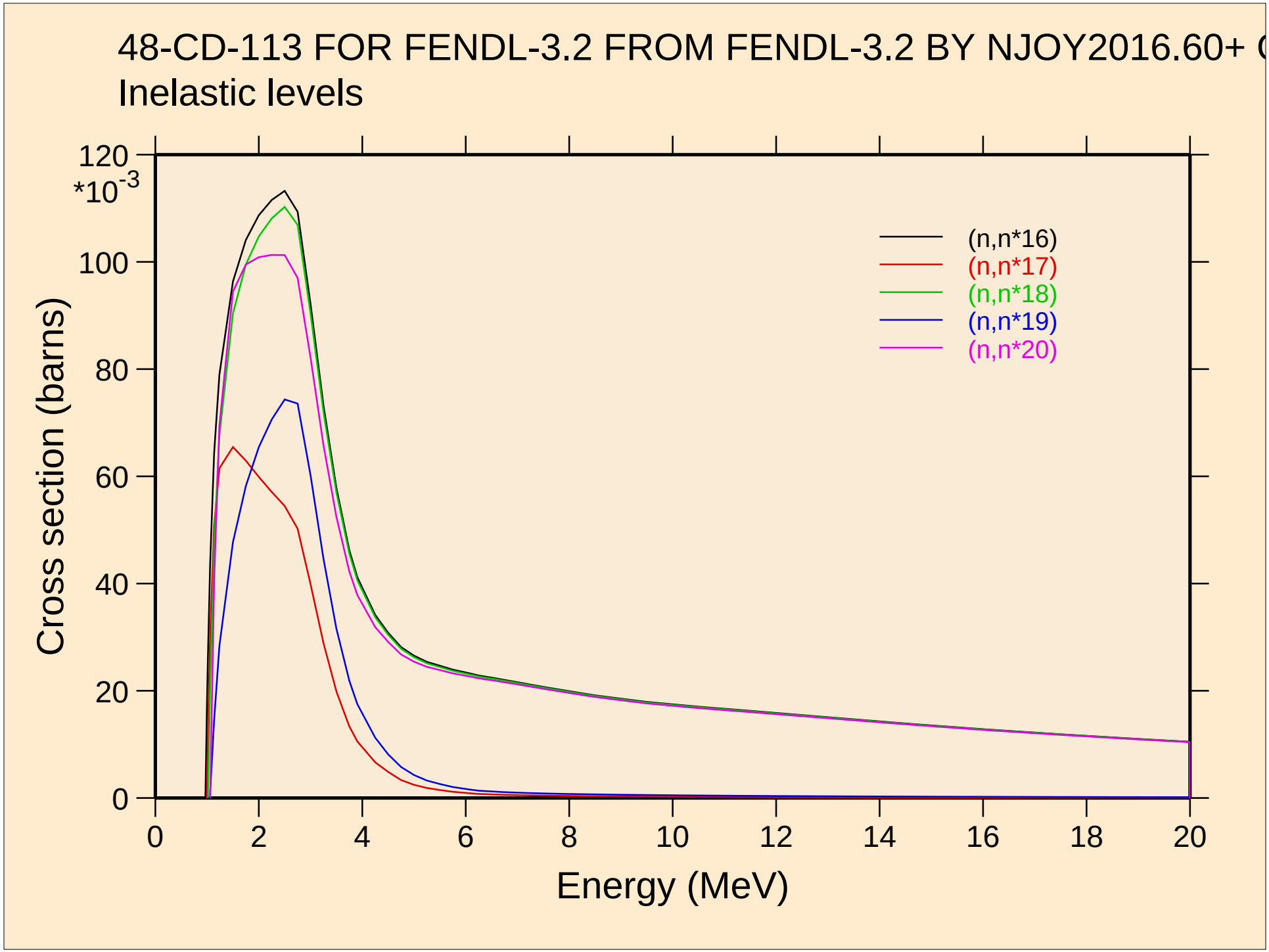

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Damage
damage
Damage (MeV-barns)
Energy (MeV)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0
50
100
150
200

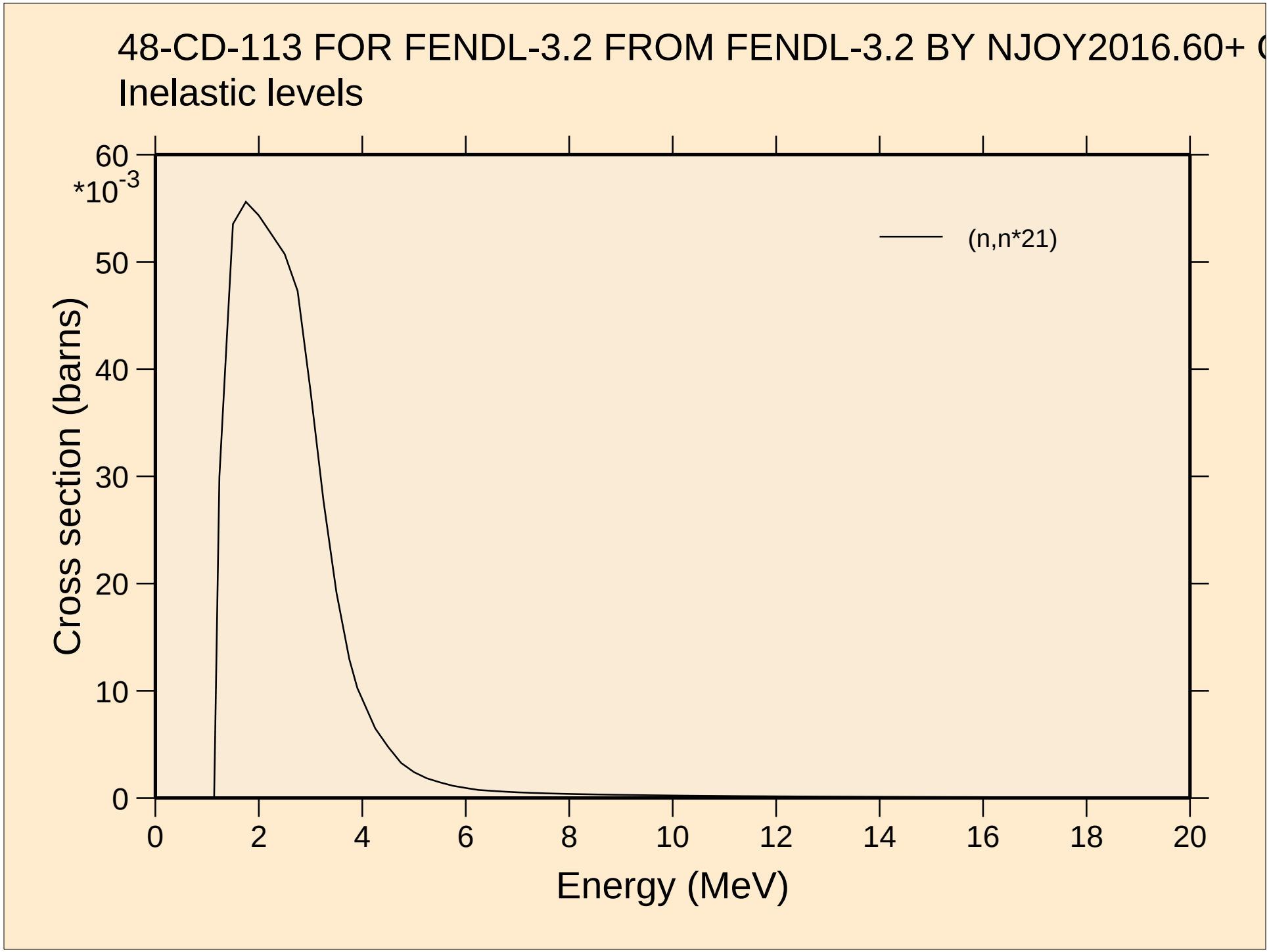

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Non-threshold reactions
(n,gma)
Cross section (barns)
10-1
10-2
10-3
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

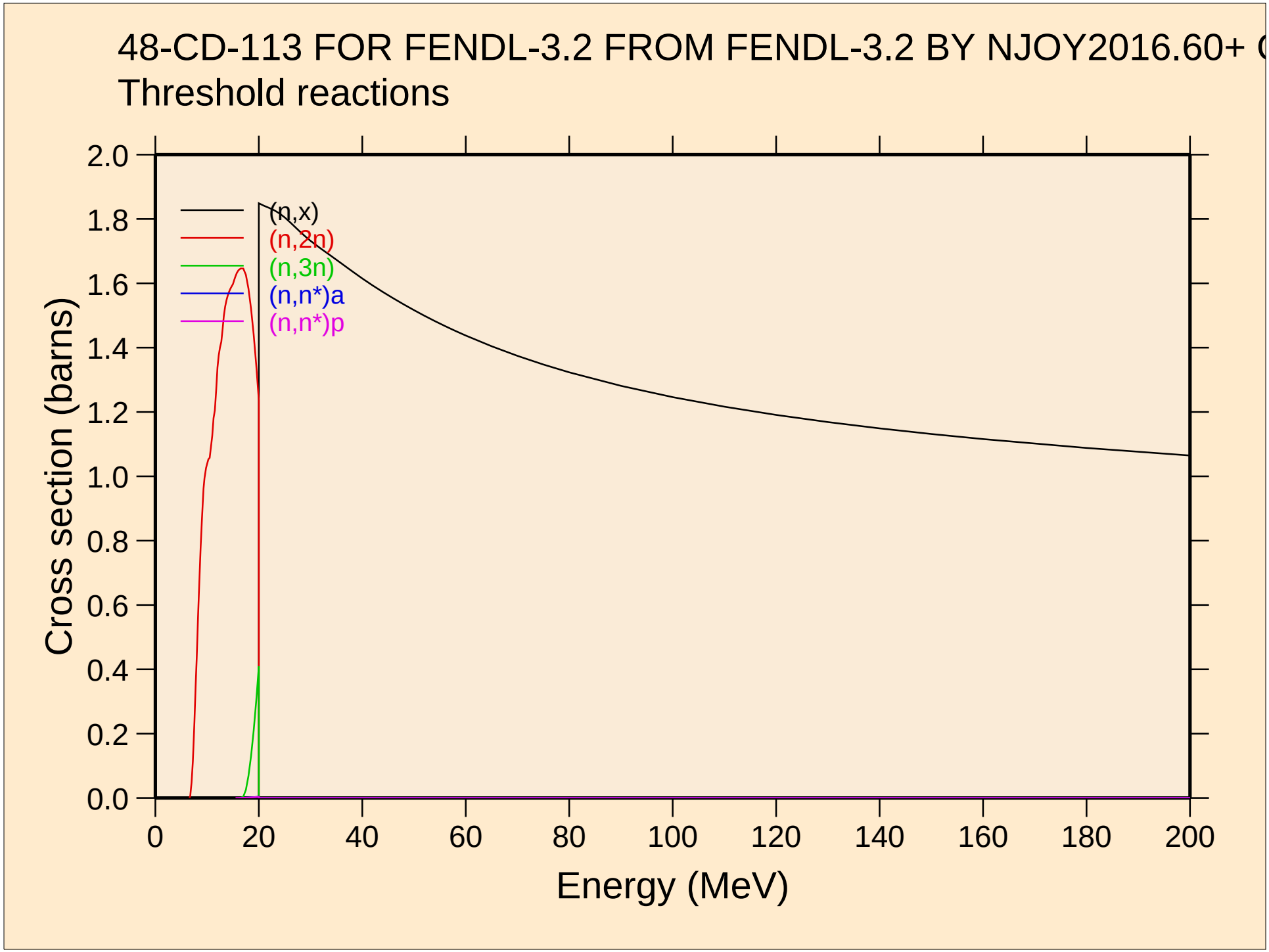

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Inelastic levels
Cross section (barns)
Energy (MeV)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0
2
4
6
8
10
12
14
16
18
20
(n,n*1)
(n,n*2)
(n,n*3)
(n,n*4)
(n,n*5)

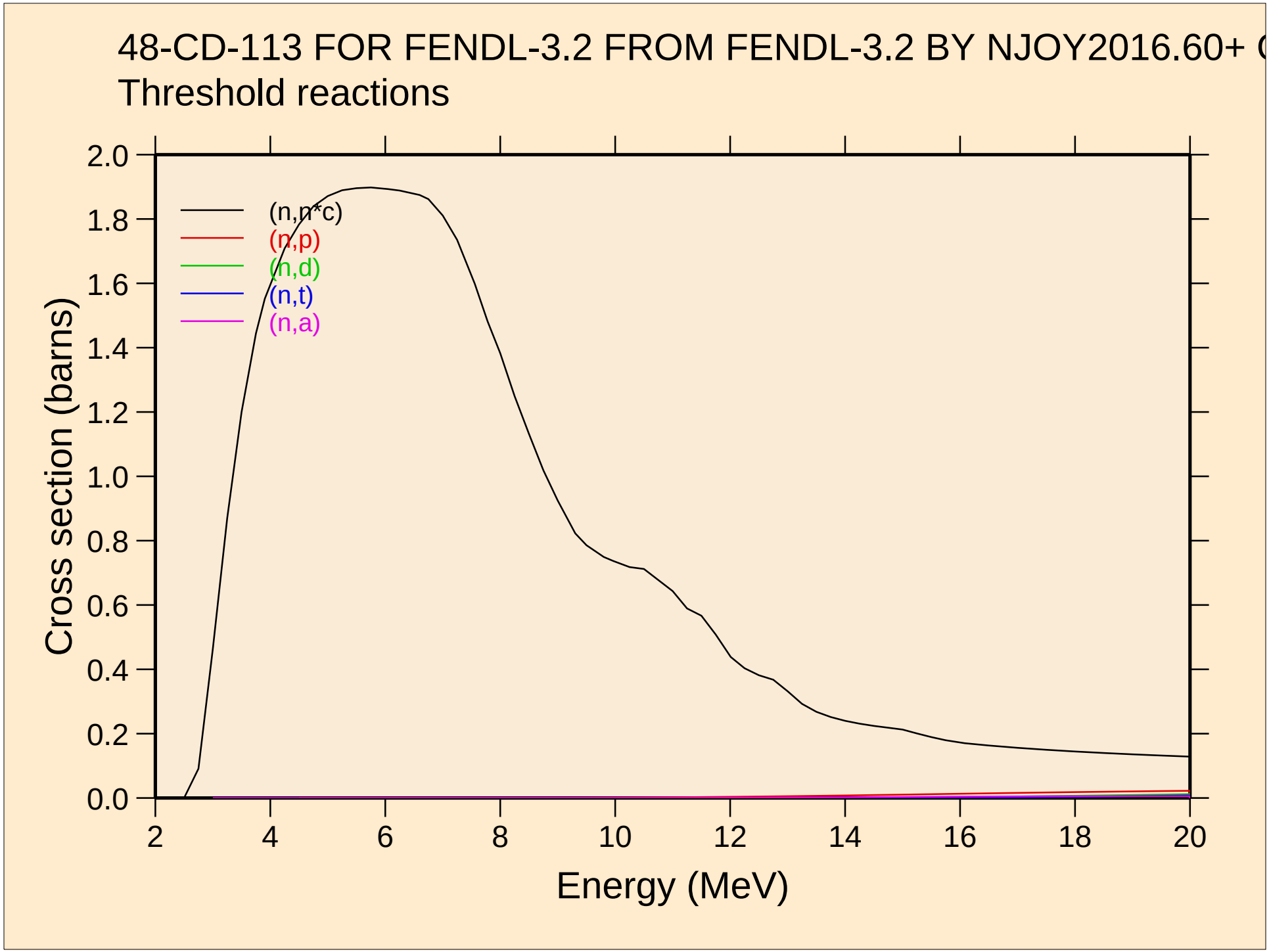

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Inelastic levels
Cross section (barns)
*10-3
200
180
160
140
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)
(n,n*6)
(n,n*7)
(n,n*8)
(n,n*9)
(n,n*10)

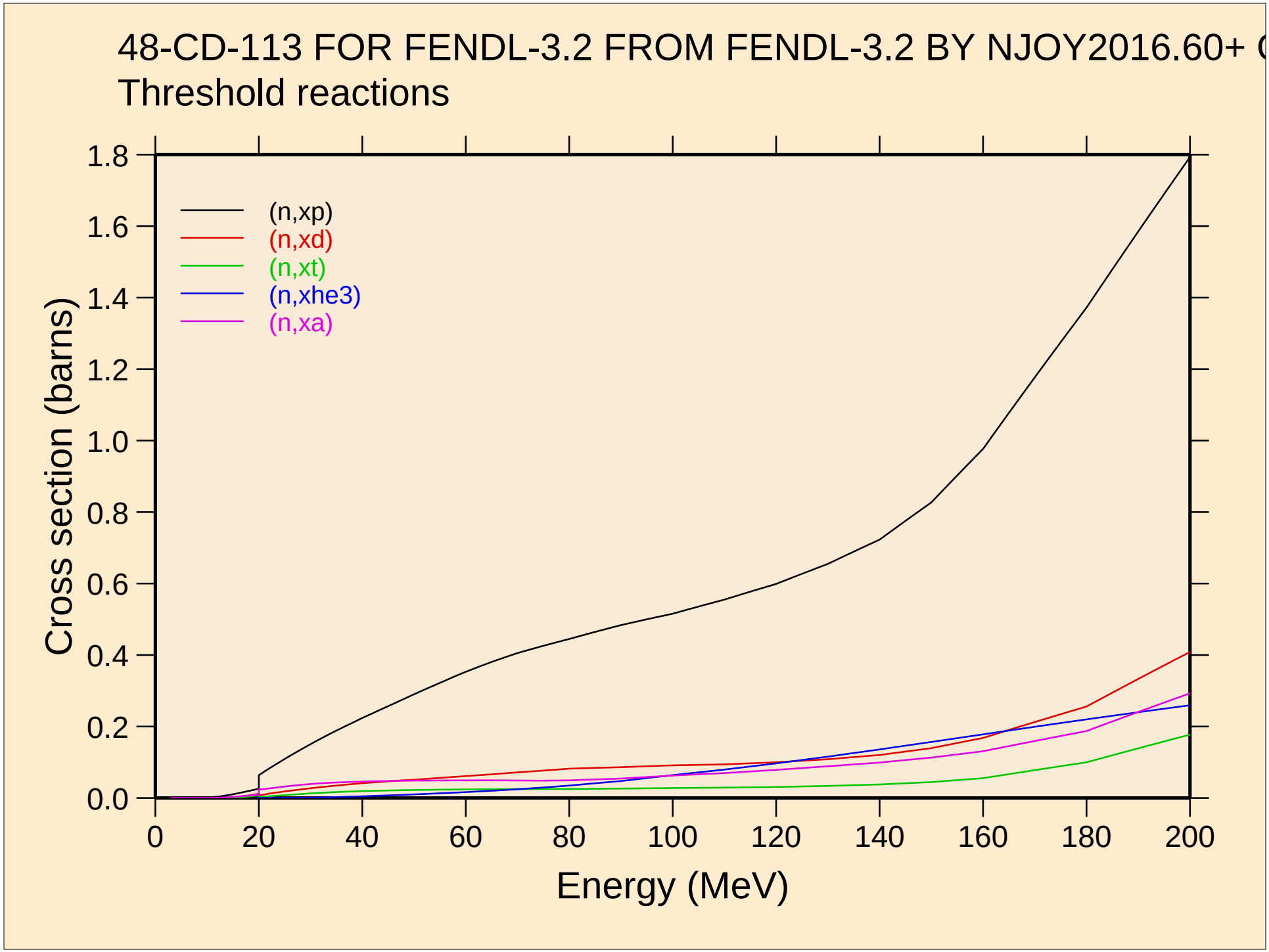

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Inelastic levels
Cross section (barns)
*10-3
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)
(n,n*11)
(n,n*12)
(n,n*13)
(n,n*14)
(n,n*15)

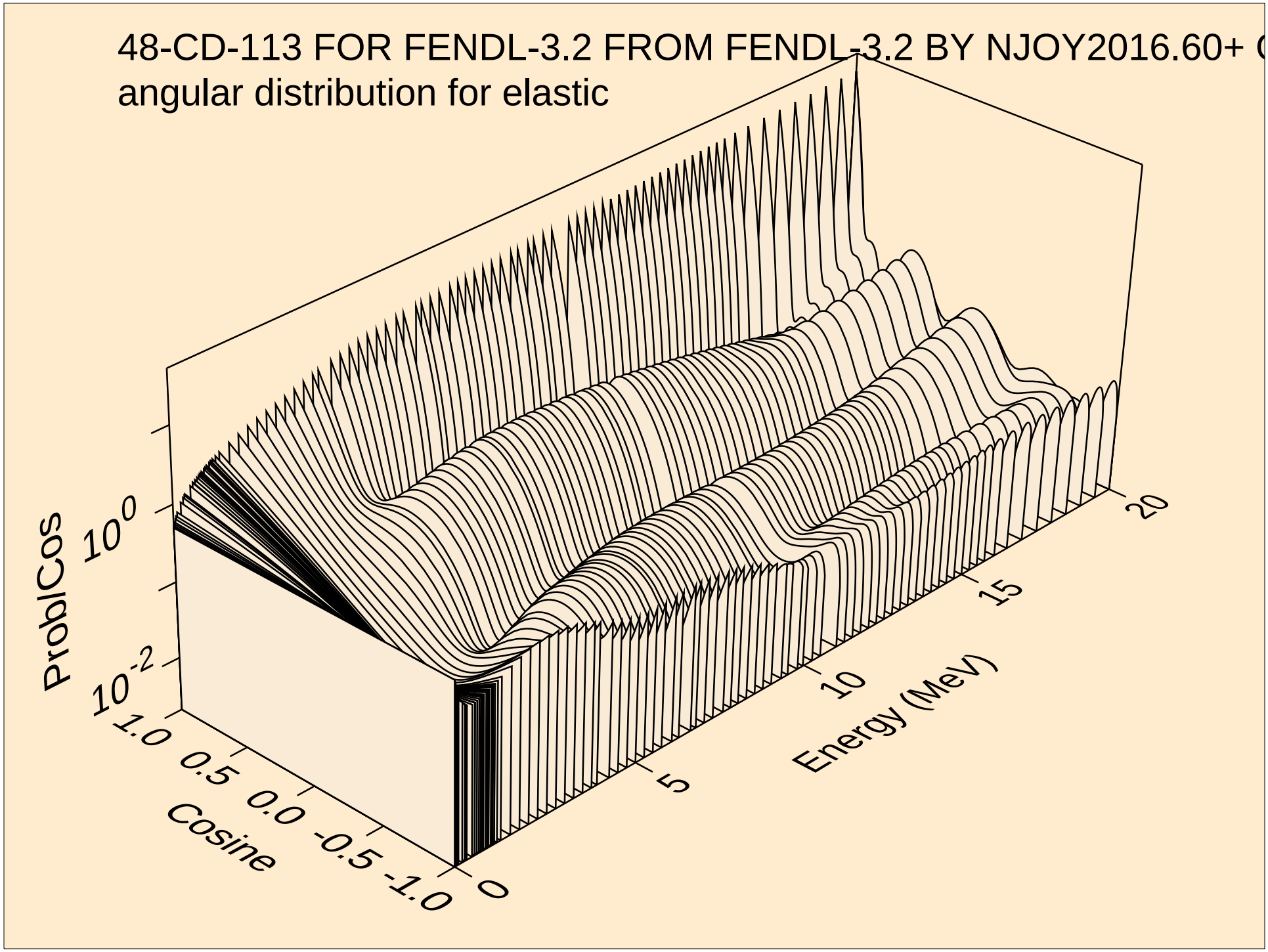

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Inelastic levels
Cross section (barns)
*10-3
120
100
80
60
40
20
0
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)
(n,n*16)
(n,n*17)
(n,n*18)
(n,n*19)
(n,n*20)

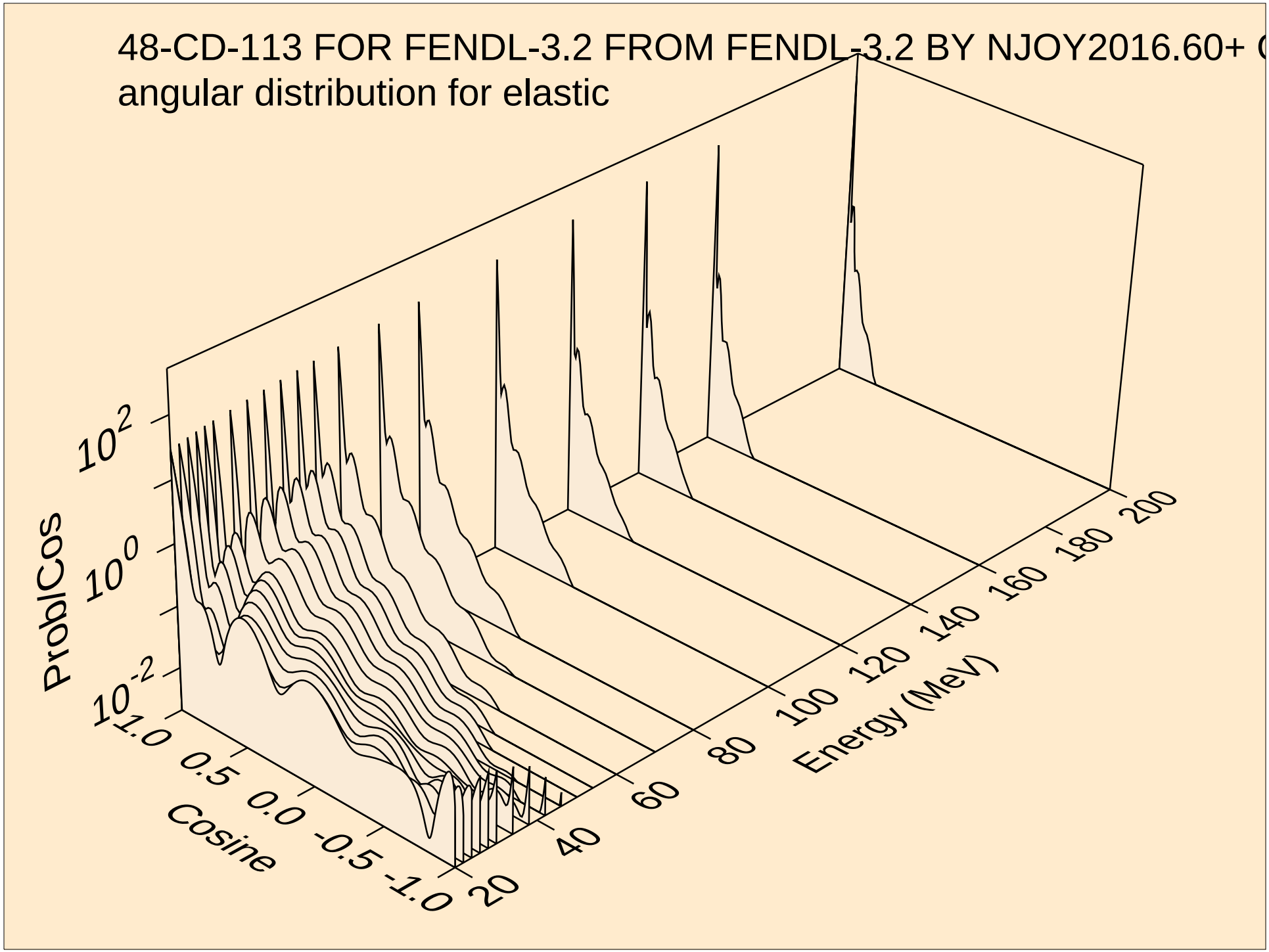

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Inelastic levels
*10-3
Cross section (barns)
Energy (MeV)
(n,n*21)
0
10
20
30
40
50
60
0
2
4
6
8
10
12
14
16
18
20

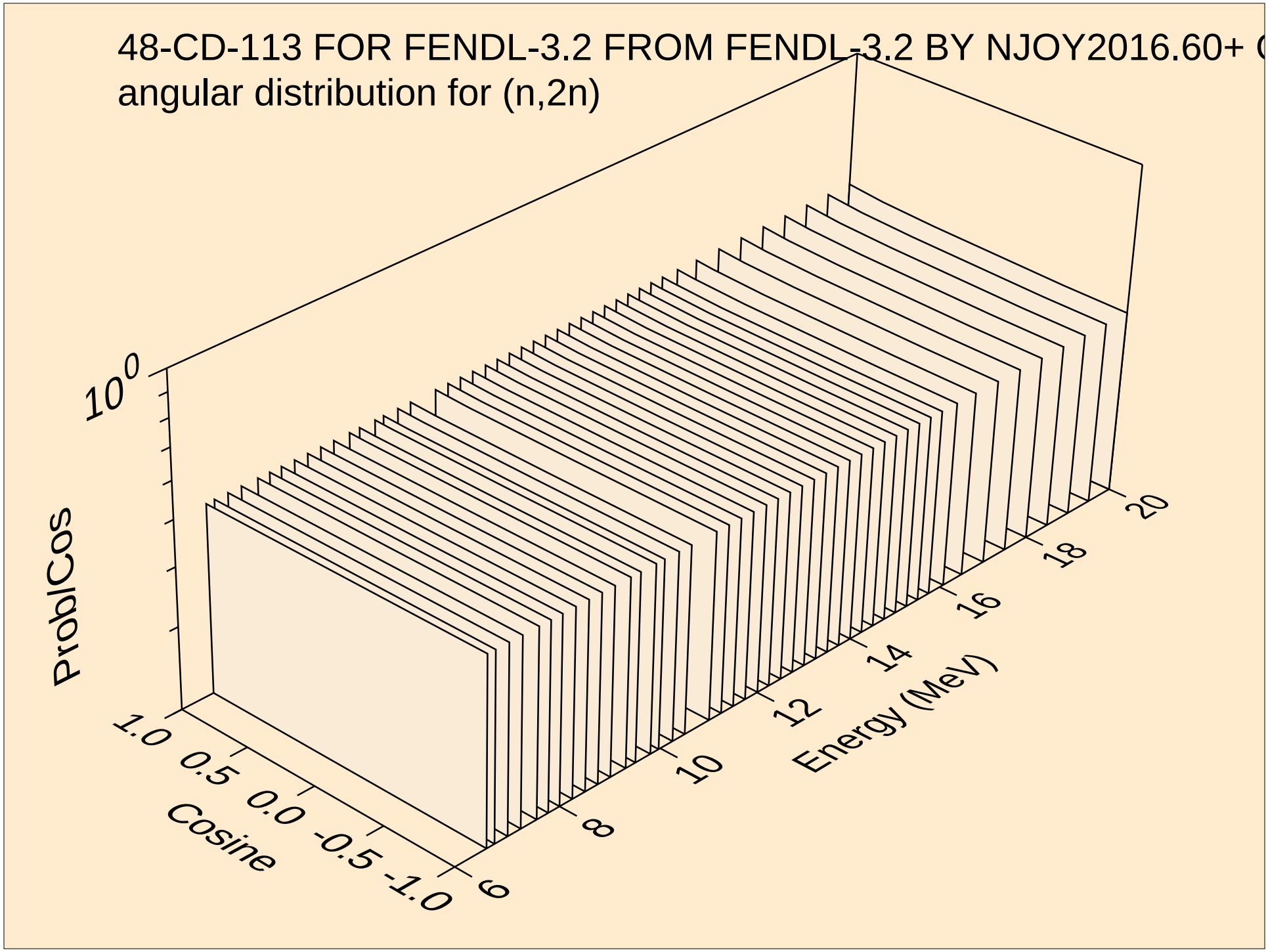

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Threshold reactions
Cross section (barns)
Energy (MeV)
(n,x)
(n,2n)
(n,3n)
(n,n*)a
(n,n*)p
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
0
20
40
60
80
100
120
140
160
180
200

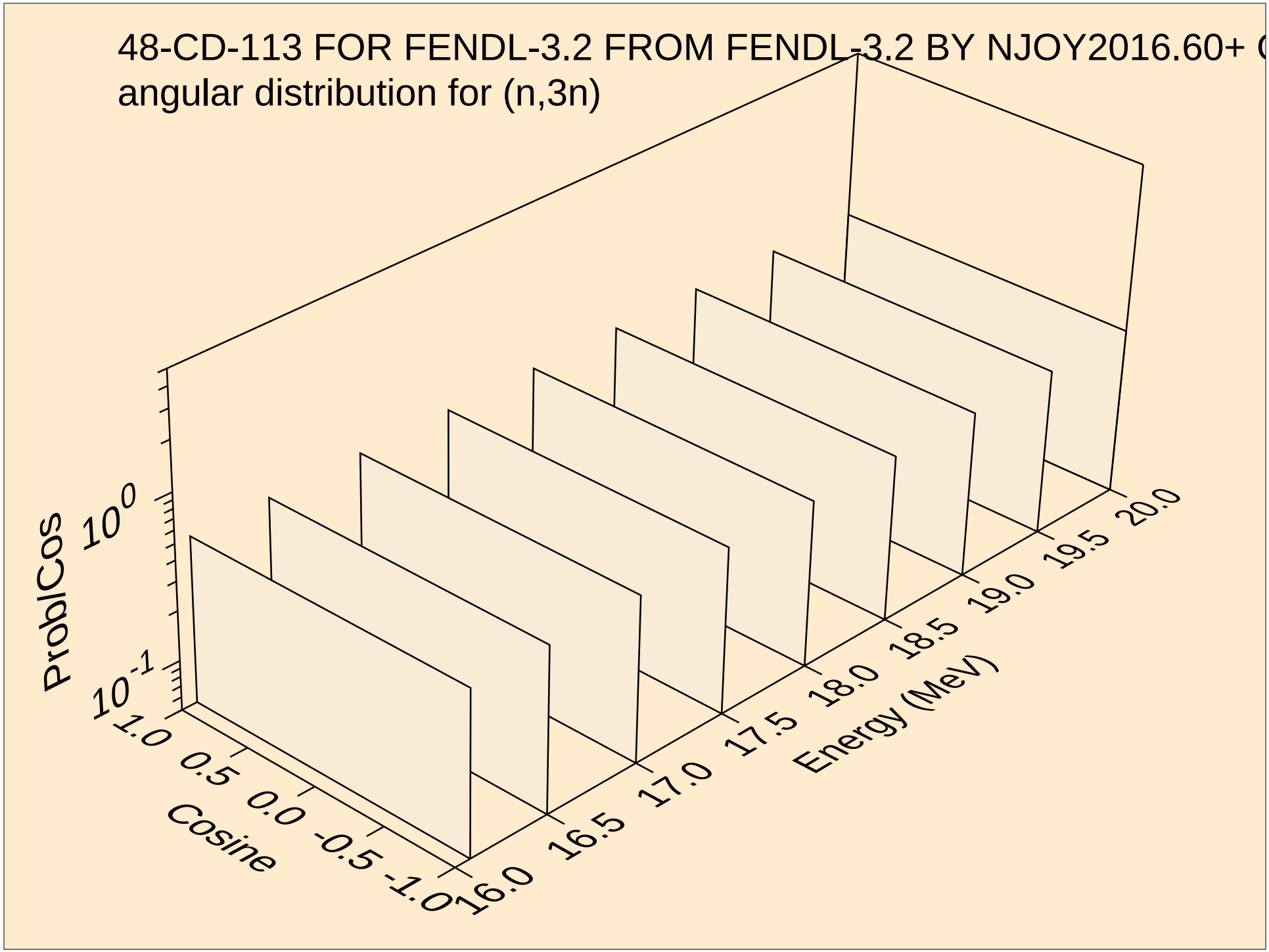

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Threshold reactions
(n,n*c)
(n,p)
(n,d)
(n,t)
(n,a)
Cross section (barns)
Energy (MeV)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2
4
6
8
10
12
14
16
18
20

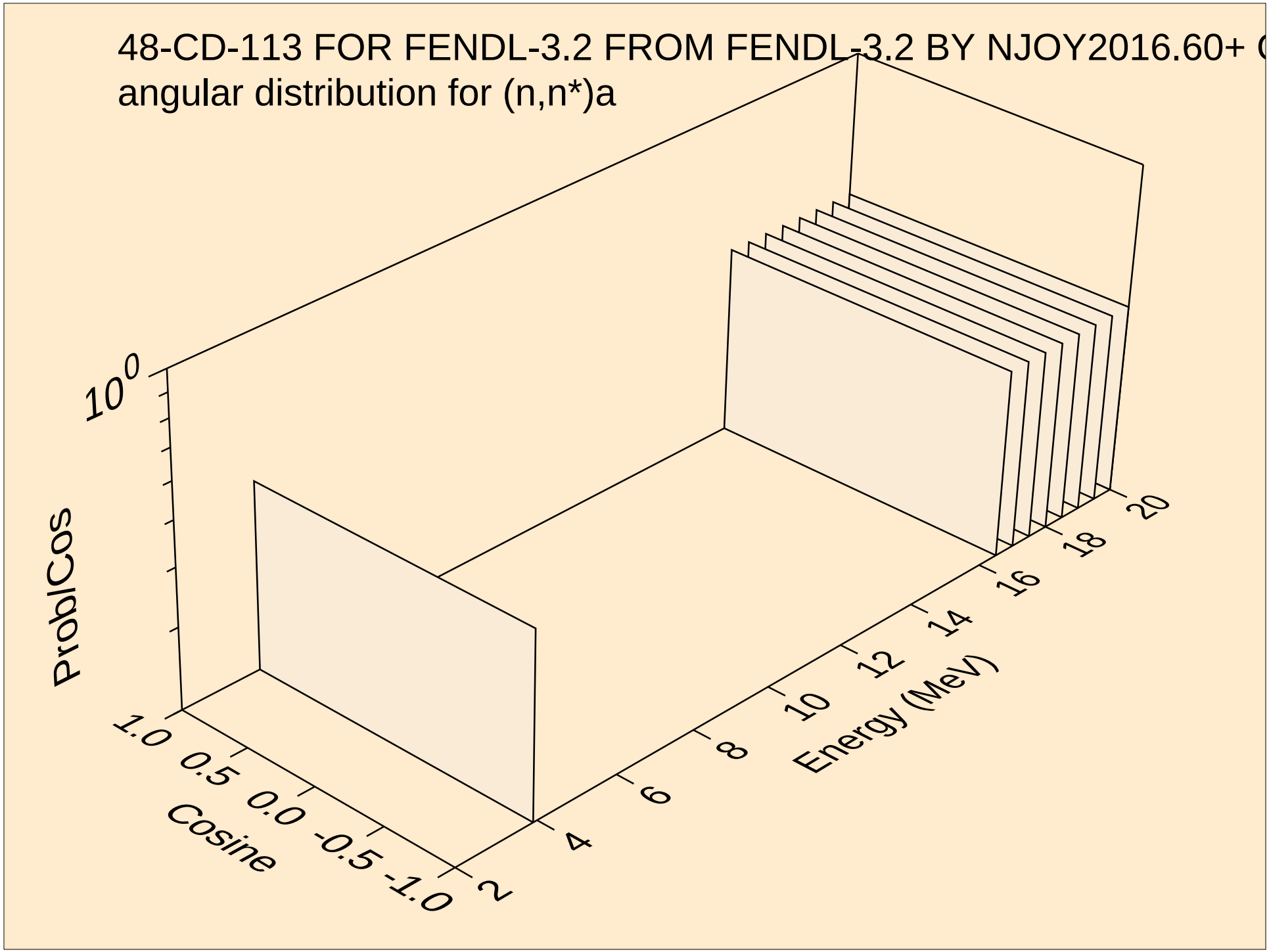

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Threshold reactions
(n,xp)
(n,xd)
(n,xt)
(n,xhe3)
(n,xa)
Cross section (barns)
Energy (MeV)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
0
20
40
60
80
100
120
140
160
180
200

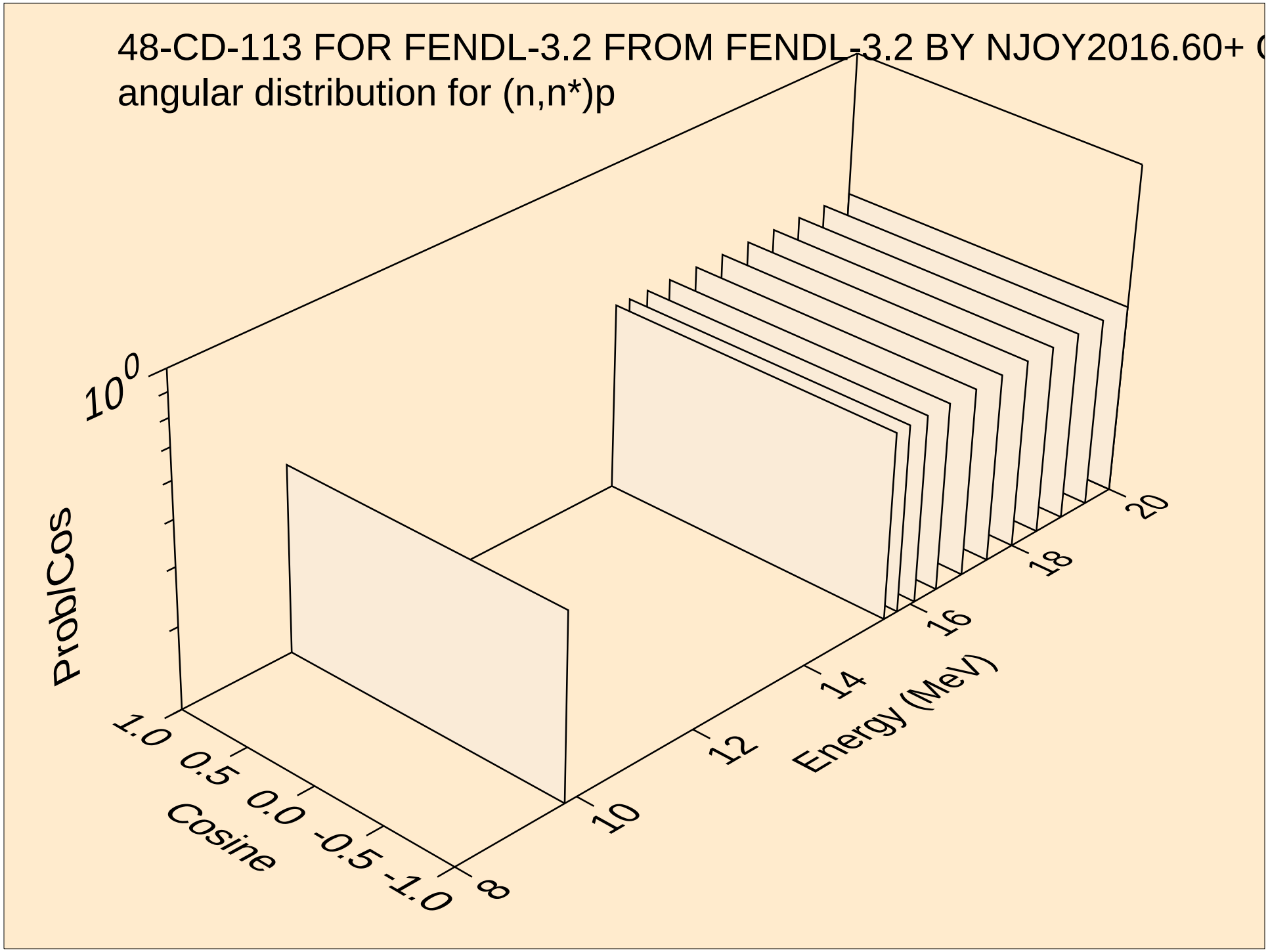

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for elastic
ProbICos
10^{0}
10^{-2}
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
5
10
15
20
Energy (MeV)

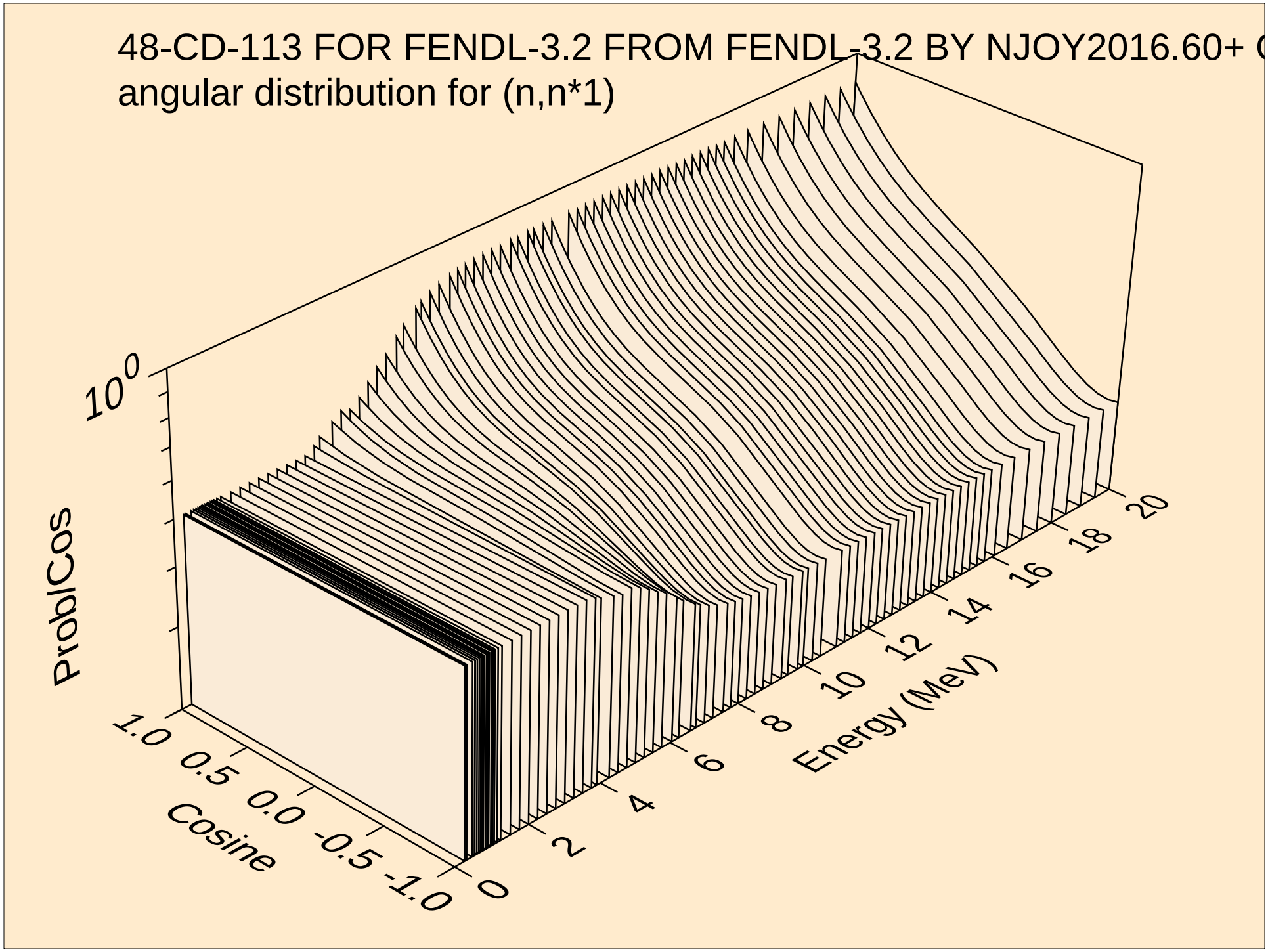

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for elastic
ProblCos
10^{2}
10^{0}
10^{-2}
Cosine
1.0
0.5
0.0
-0.5
-1.0
Energy (MeV)
20
40
60
80
100
120
140
160
180
200

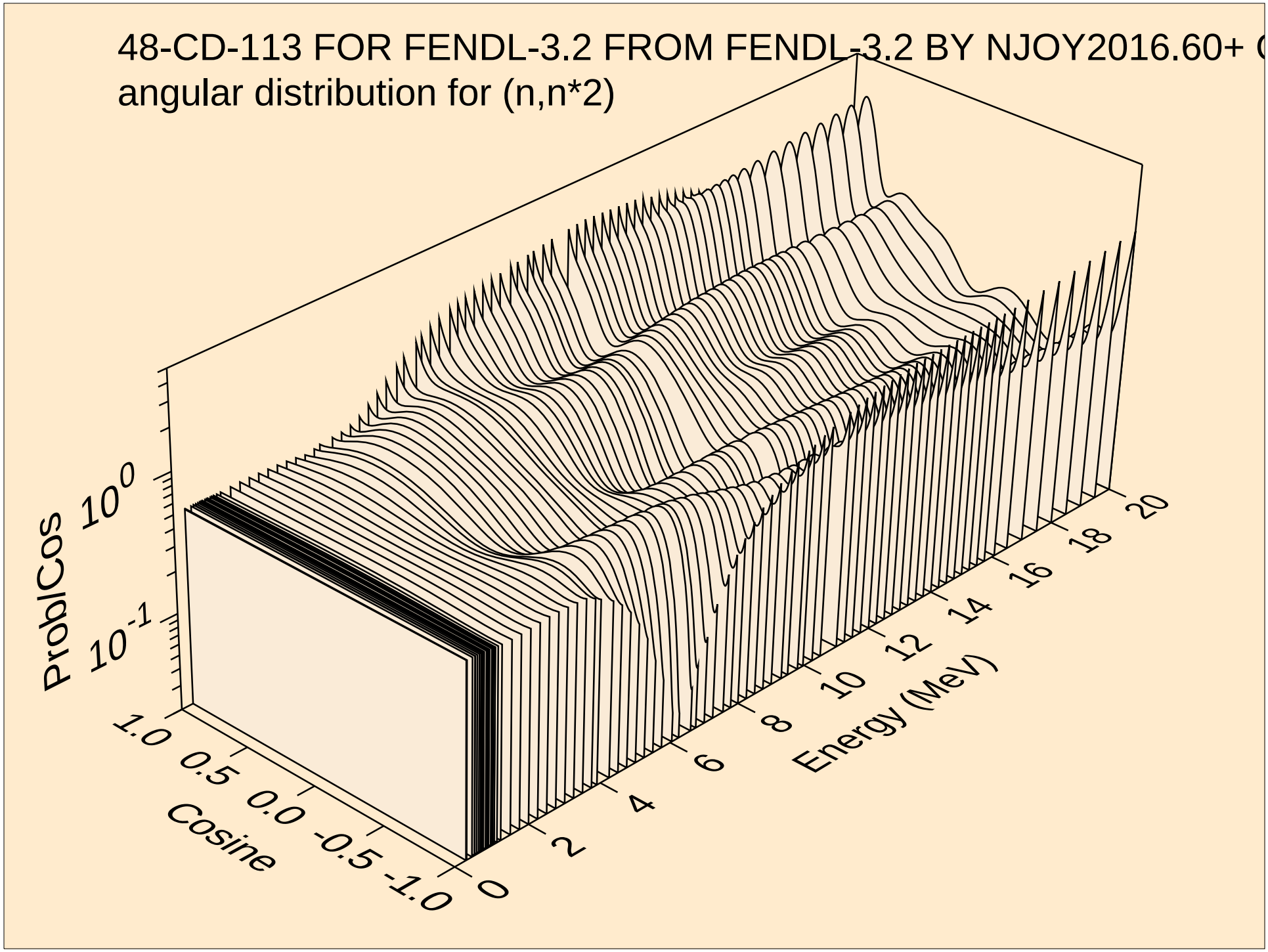

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,2n)
10^0
Prob\Cos
1.0
0.5
0.0
-0.5
-1.0
Cosine
6
8
10
12
14
16
18
20
Energy (MeV)

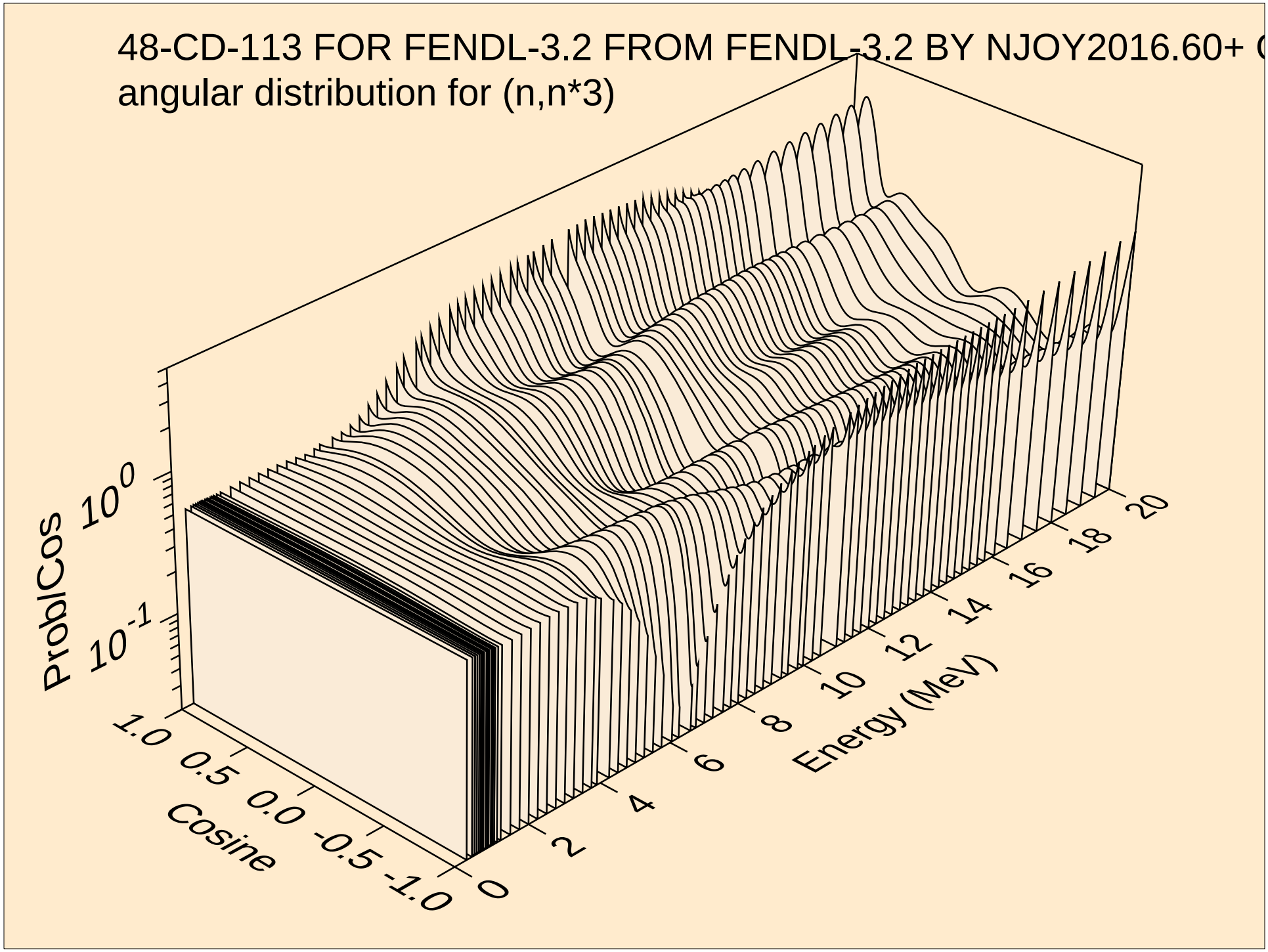

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,3n)
ProbICos
10^{0}
10^{-1}
1.0
0.5
0.0
-0.5
-1.0
Cosine
16.0
16.5
17.0
17.5
18.0
18.5
19.0
19.5
20.0
Energy (MeV)

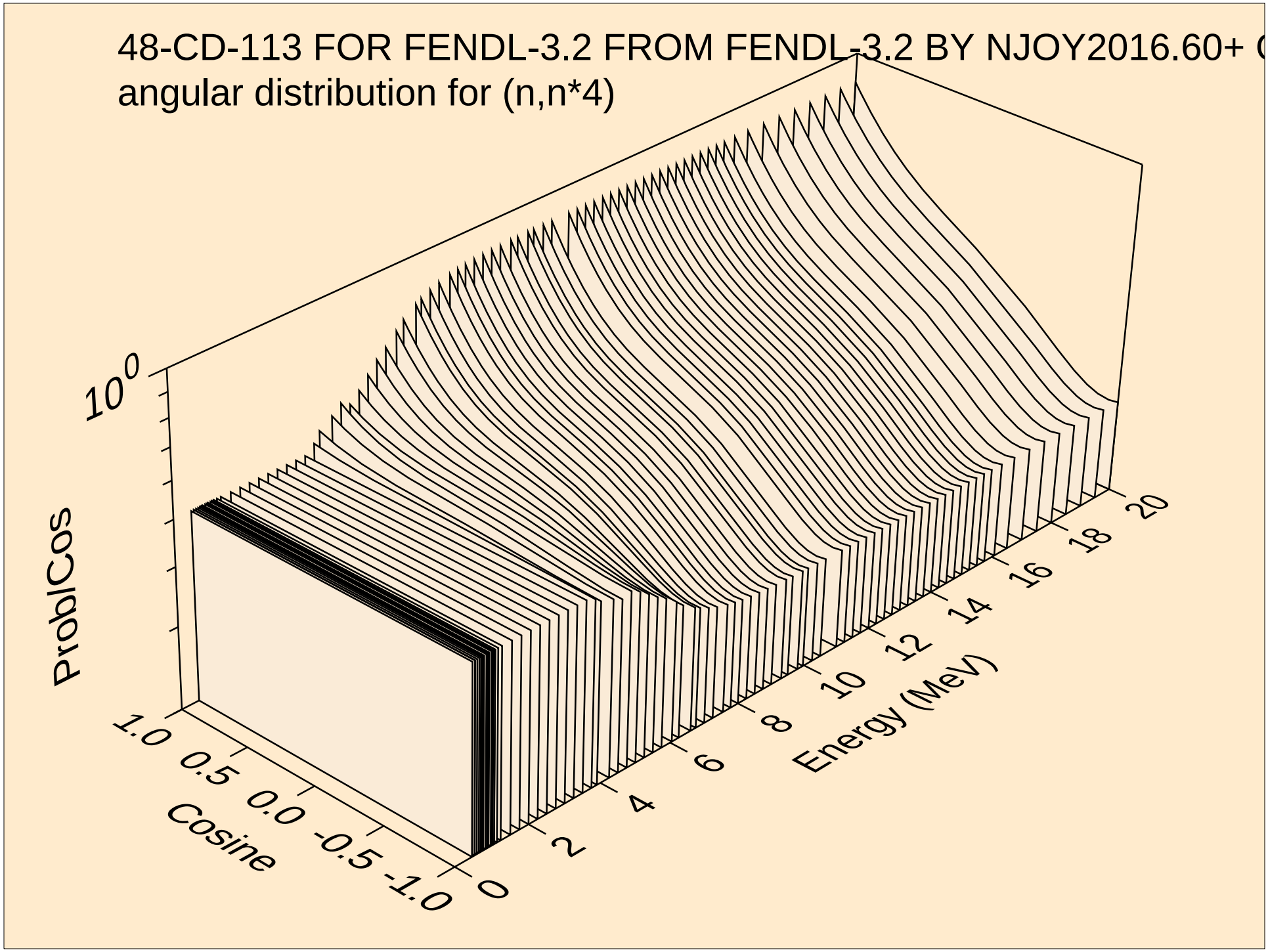

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*)a
ProbICos
10^0
1.0
0.5
0.0
-0.5
-1.0
Cosine
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

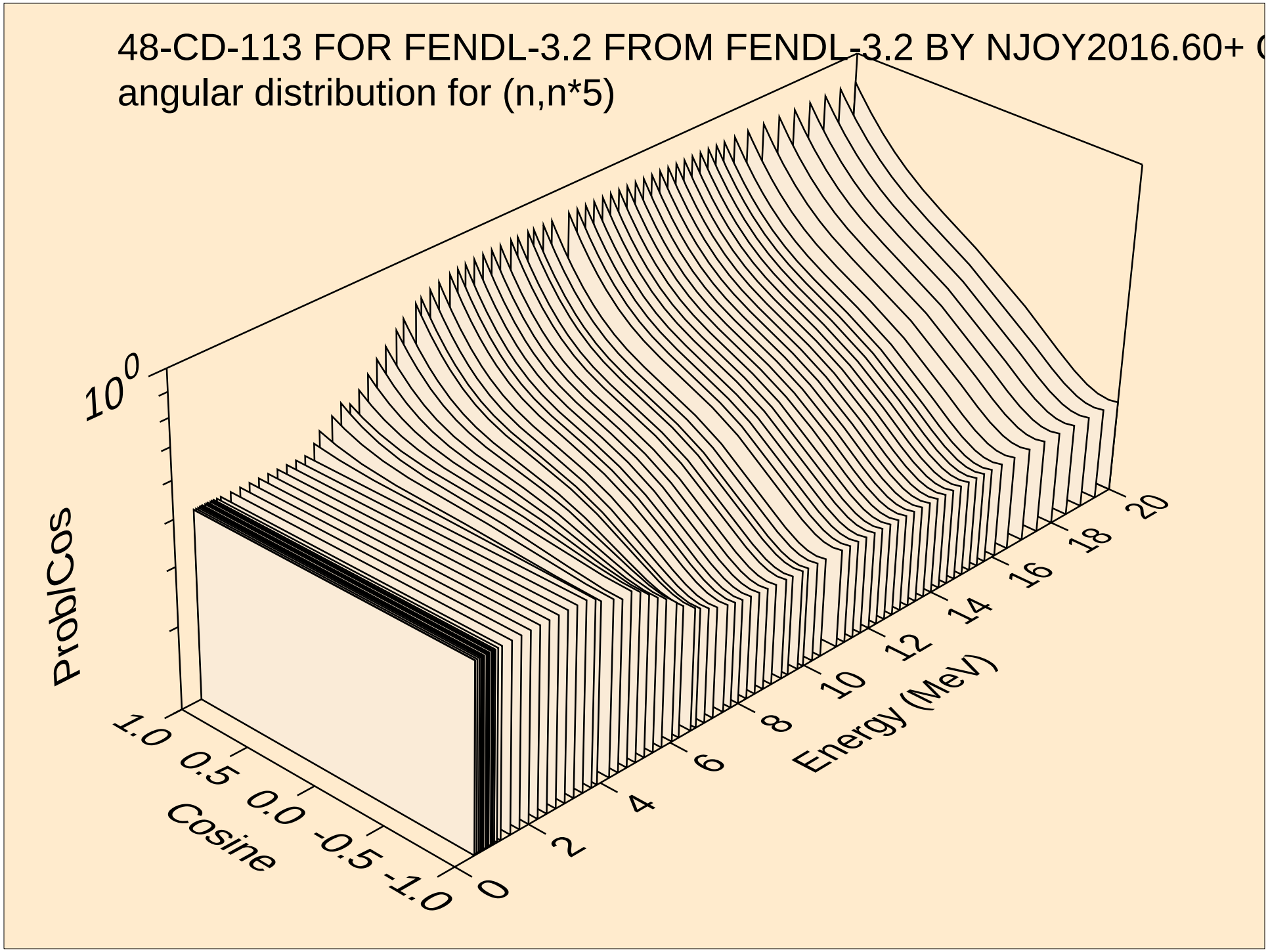

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*)p
10^0
ProbICos
1.0
0.5
0.0
-0.5
-1.0
Cosine
8
10
12
14
16
18
20
Energy (MeV)

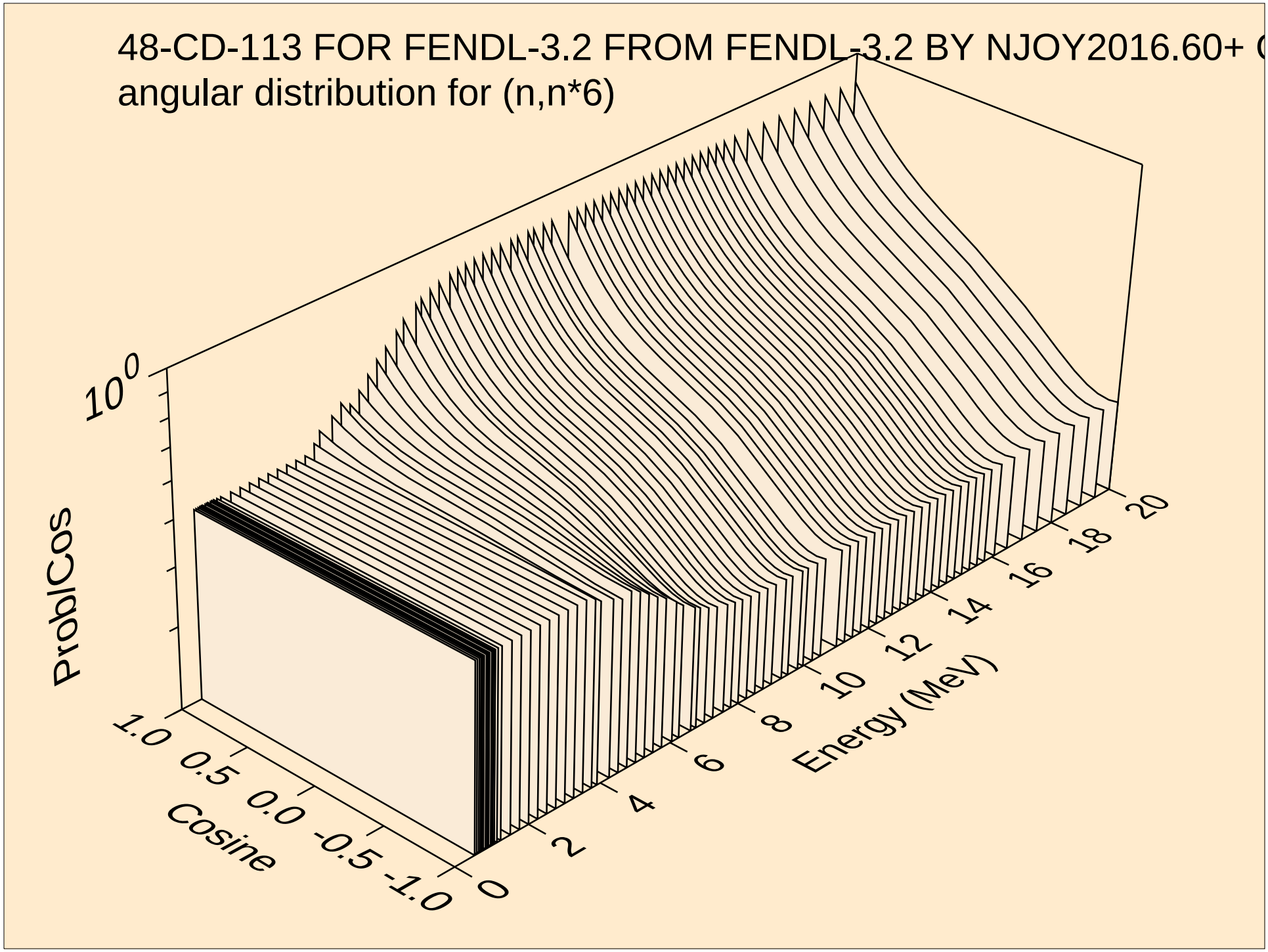

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*1)
10^0
ProbICos
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

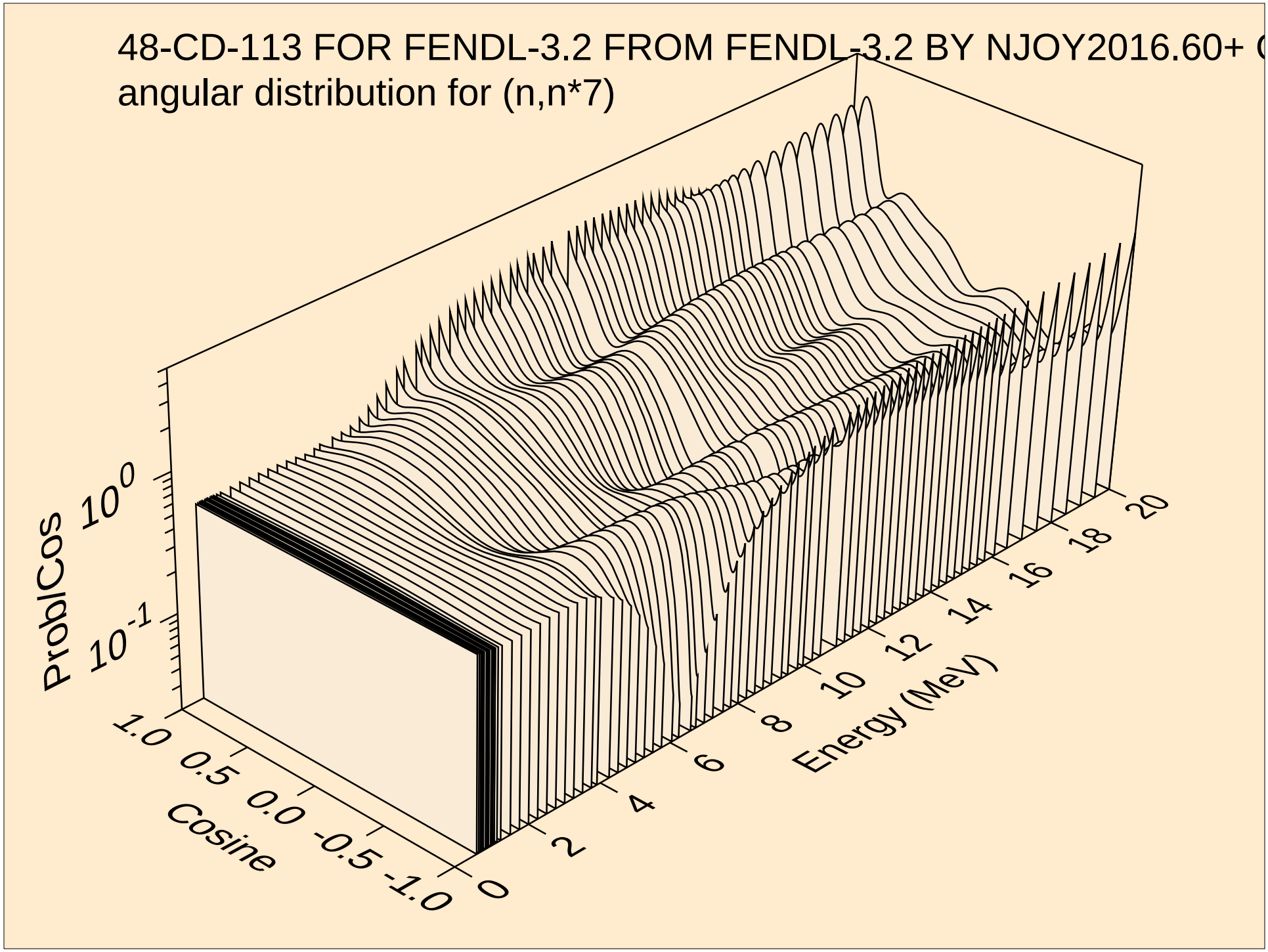

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*2)
ProbICos
10^0
10^-1
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

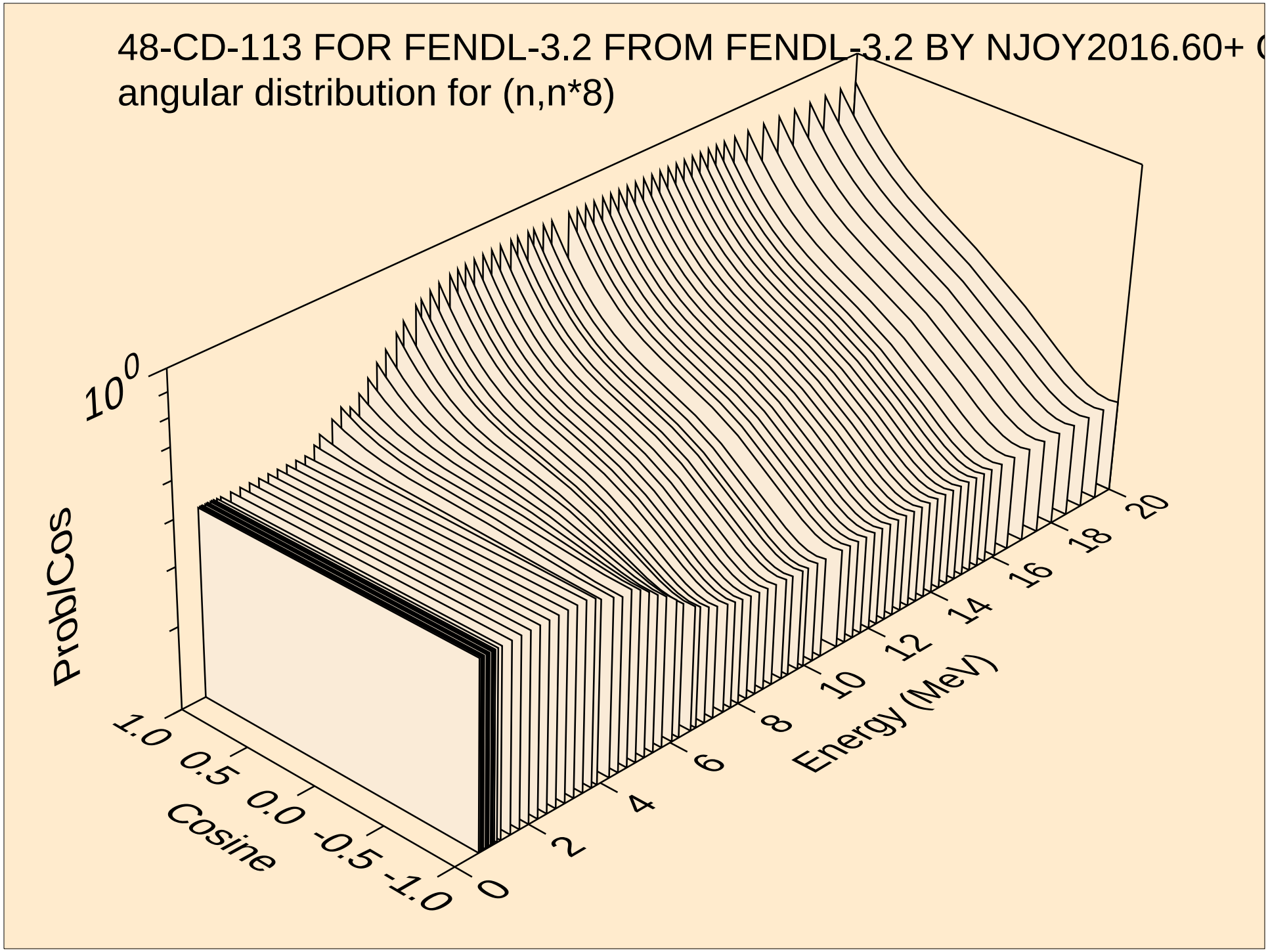

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*3)
ProbICos
10^{0}
10^{-1}
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

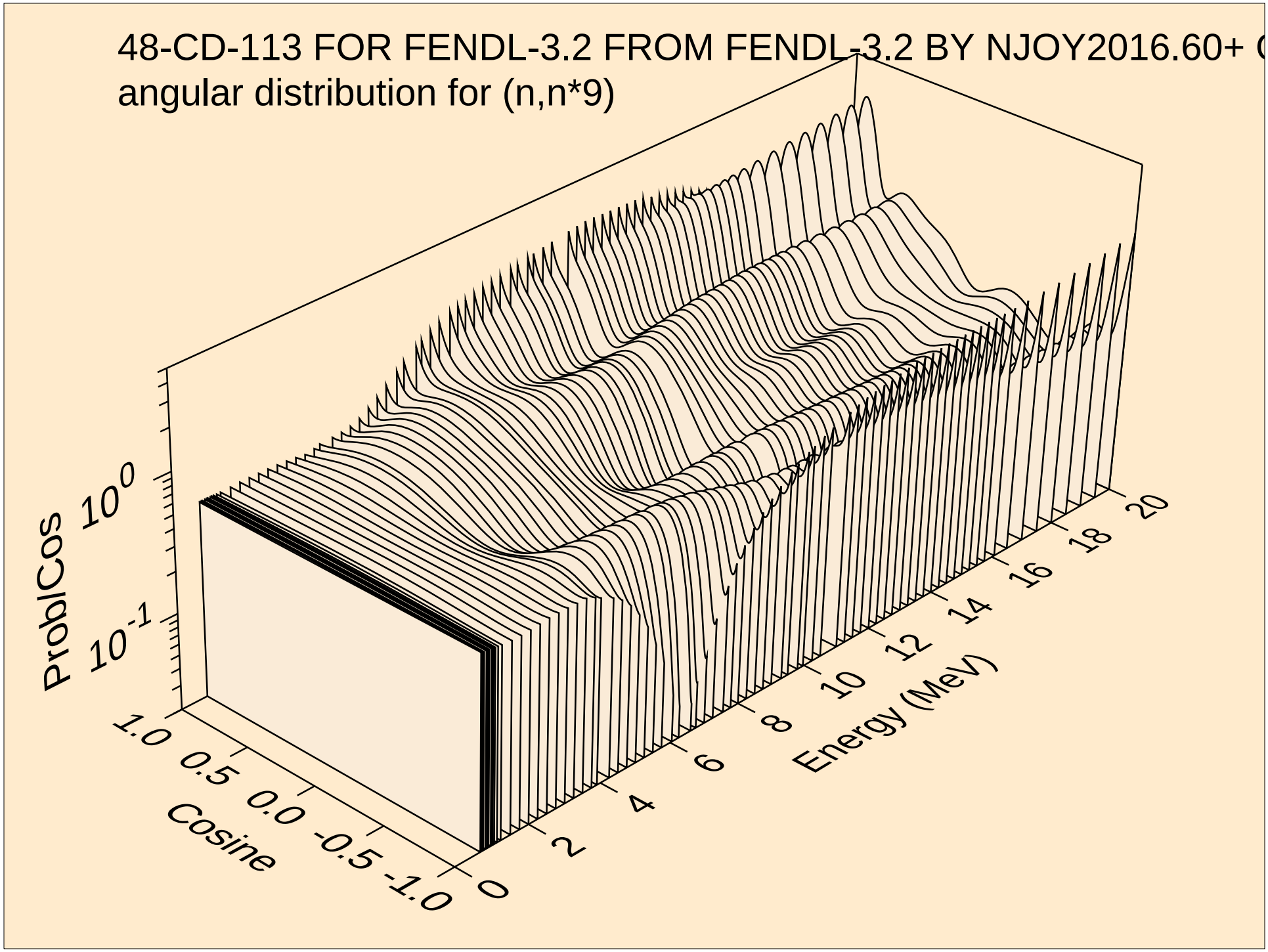

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*4)
ProbICos
10^0
Cosine
1.0
0.5
0.0
-0.5
-1.0
Energy (MeV)
0
2
4
6
8
10
12
14
16
18
20

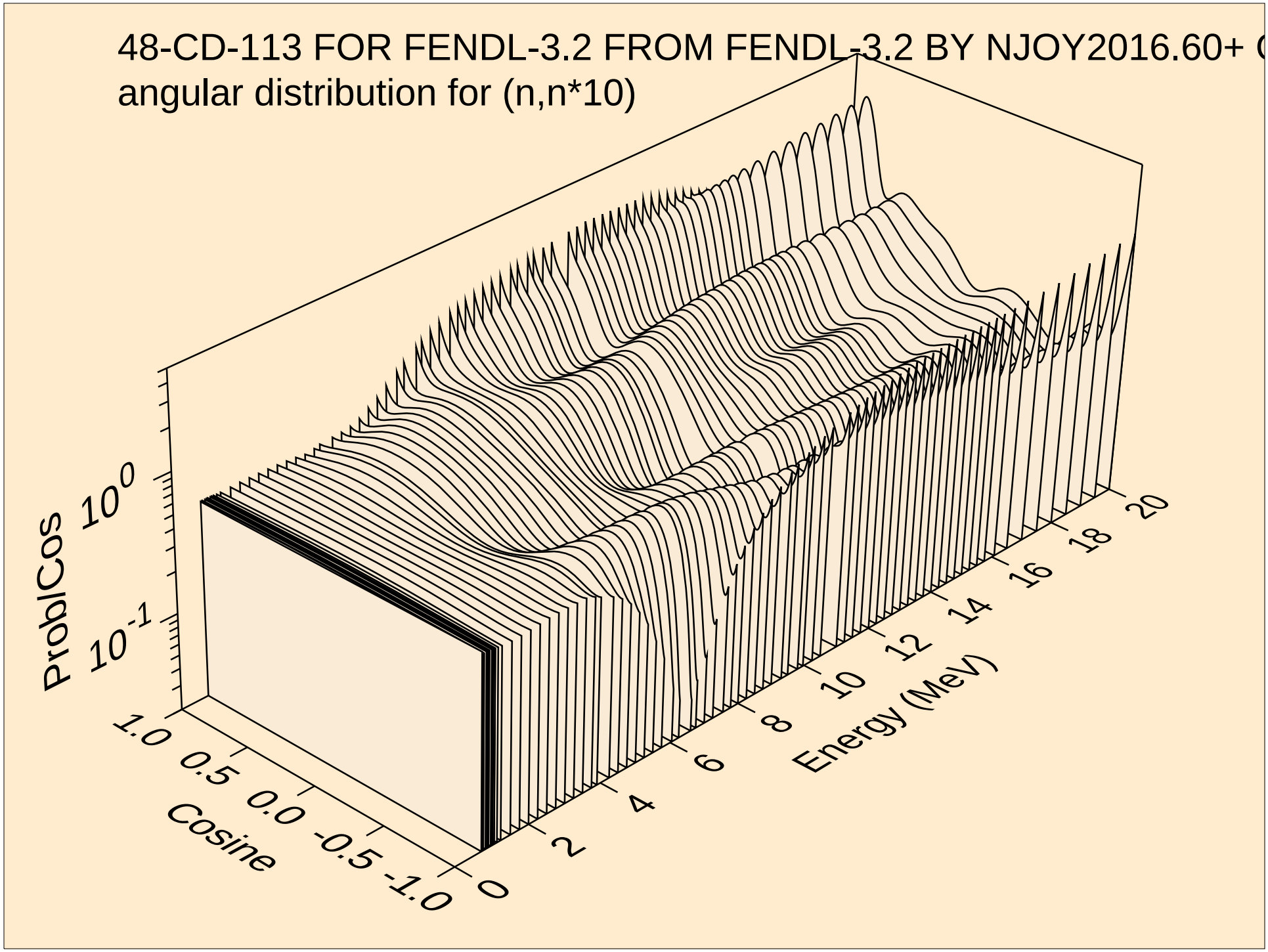

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*5)
10^0
Prob\Cos
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

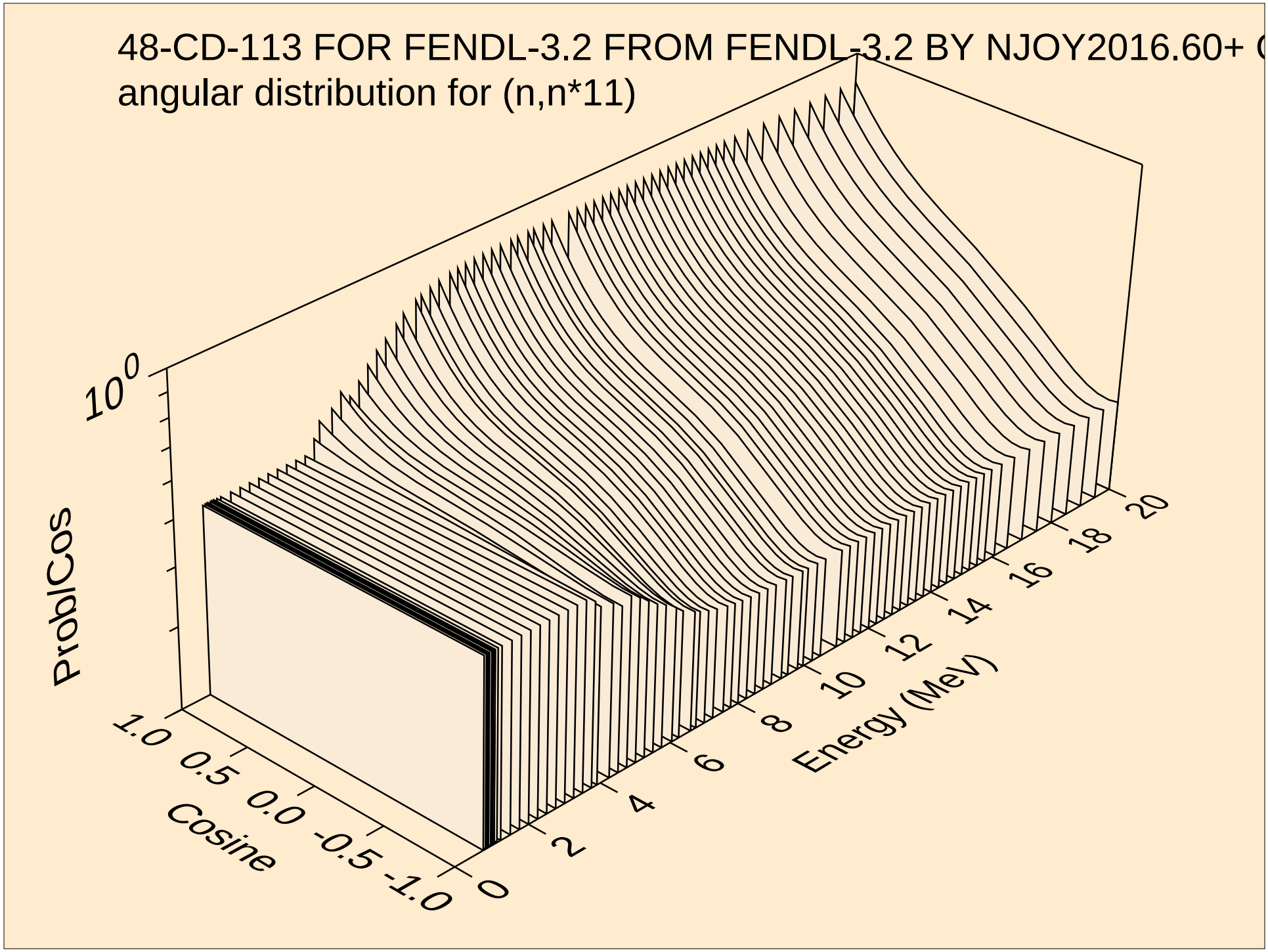

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*6)
10^0
ProbICos
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

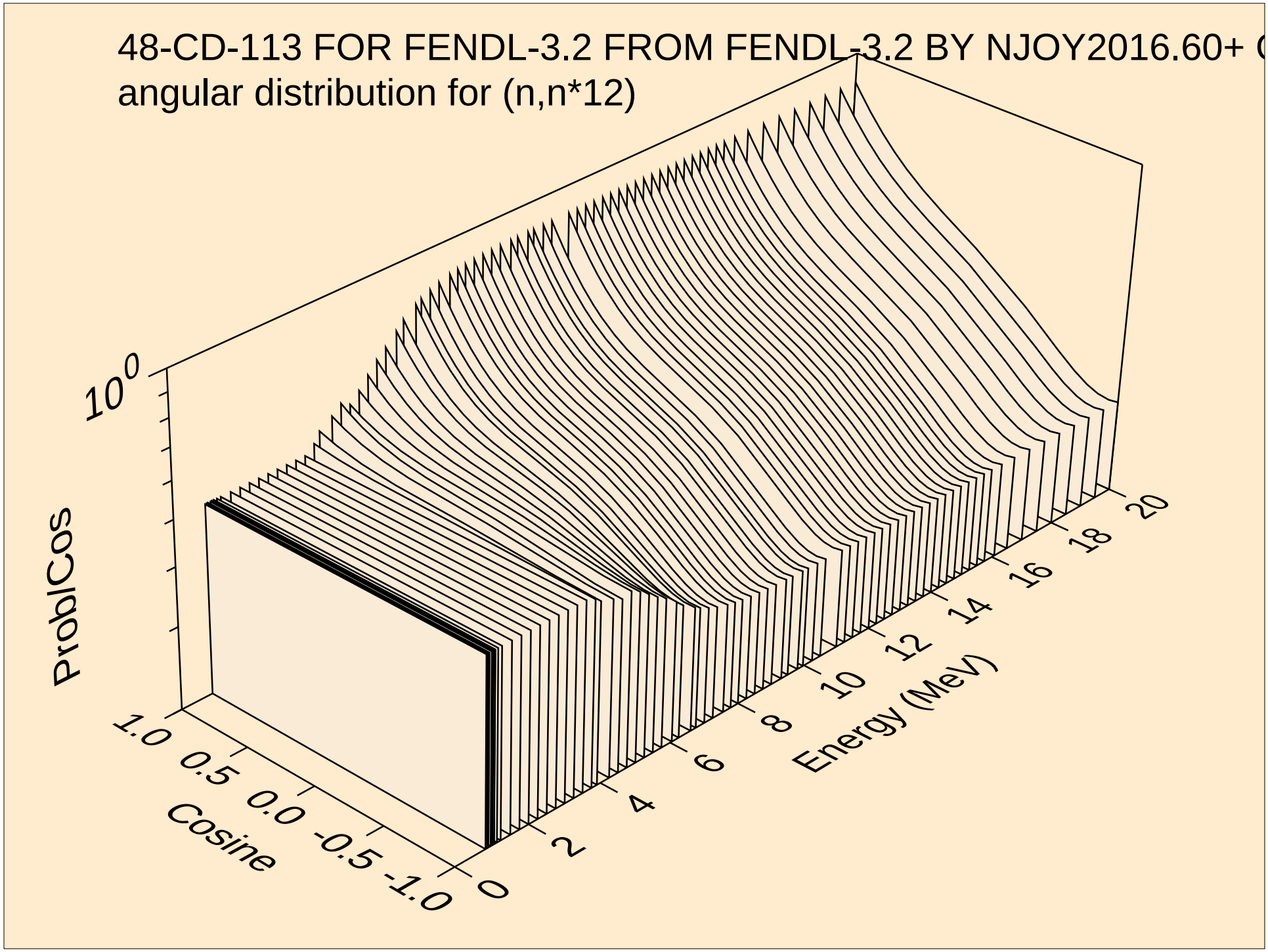

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*7)
Prob\Cos
10^{0}
10^{-1}
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

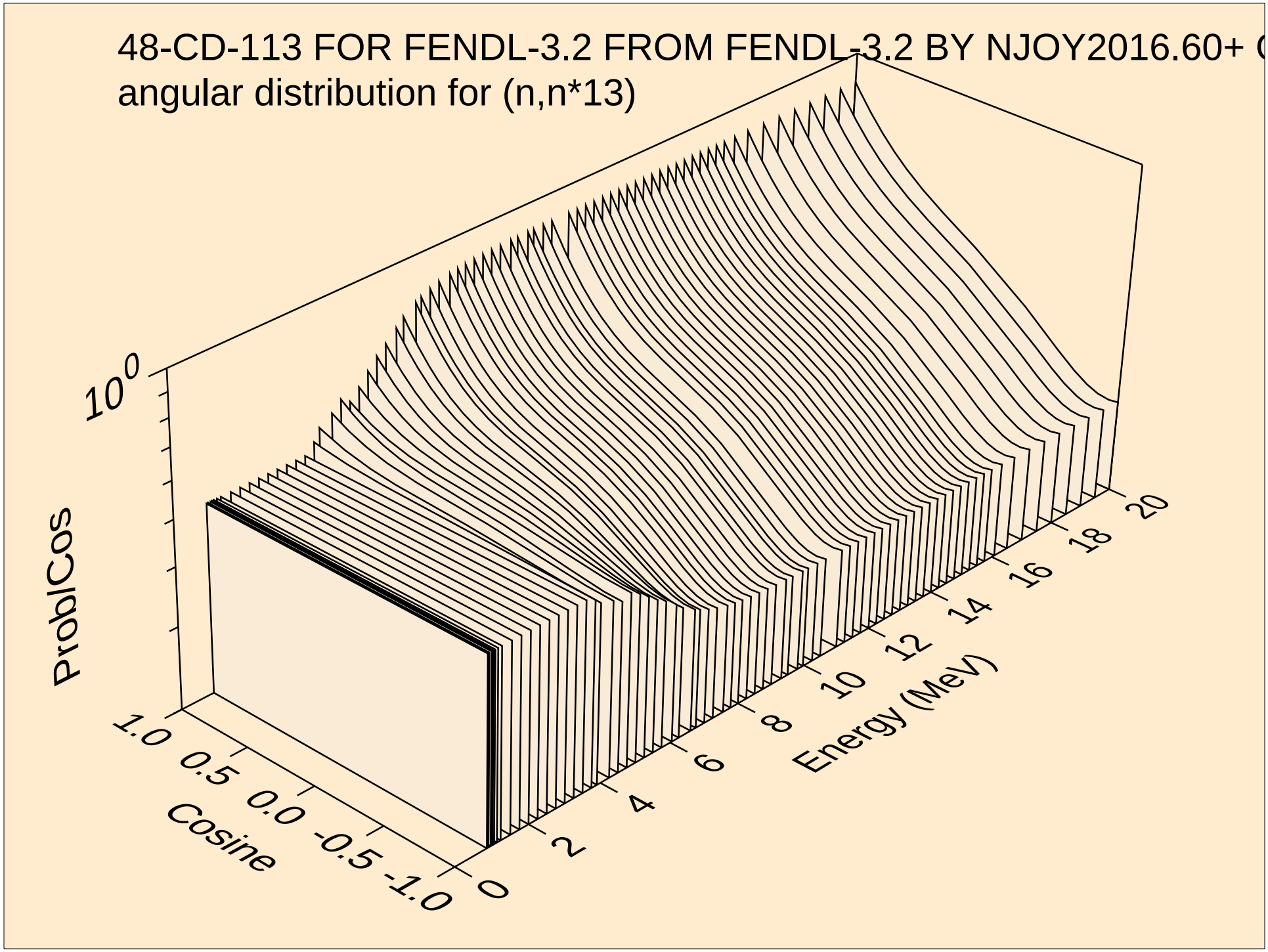

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*8)
ProbICos
10^0
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

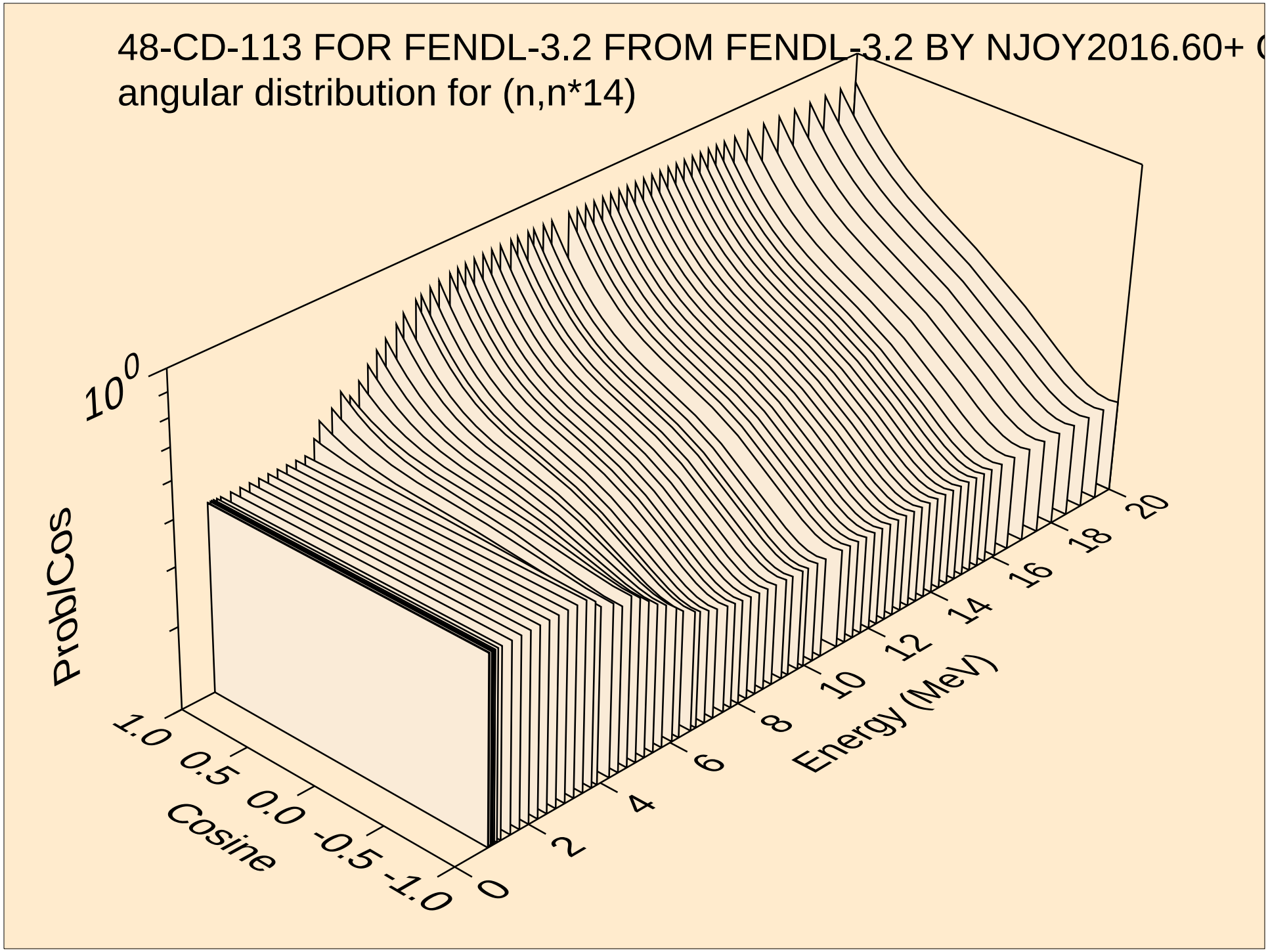

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*9)
ProbICos
10^0
10^-1
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

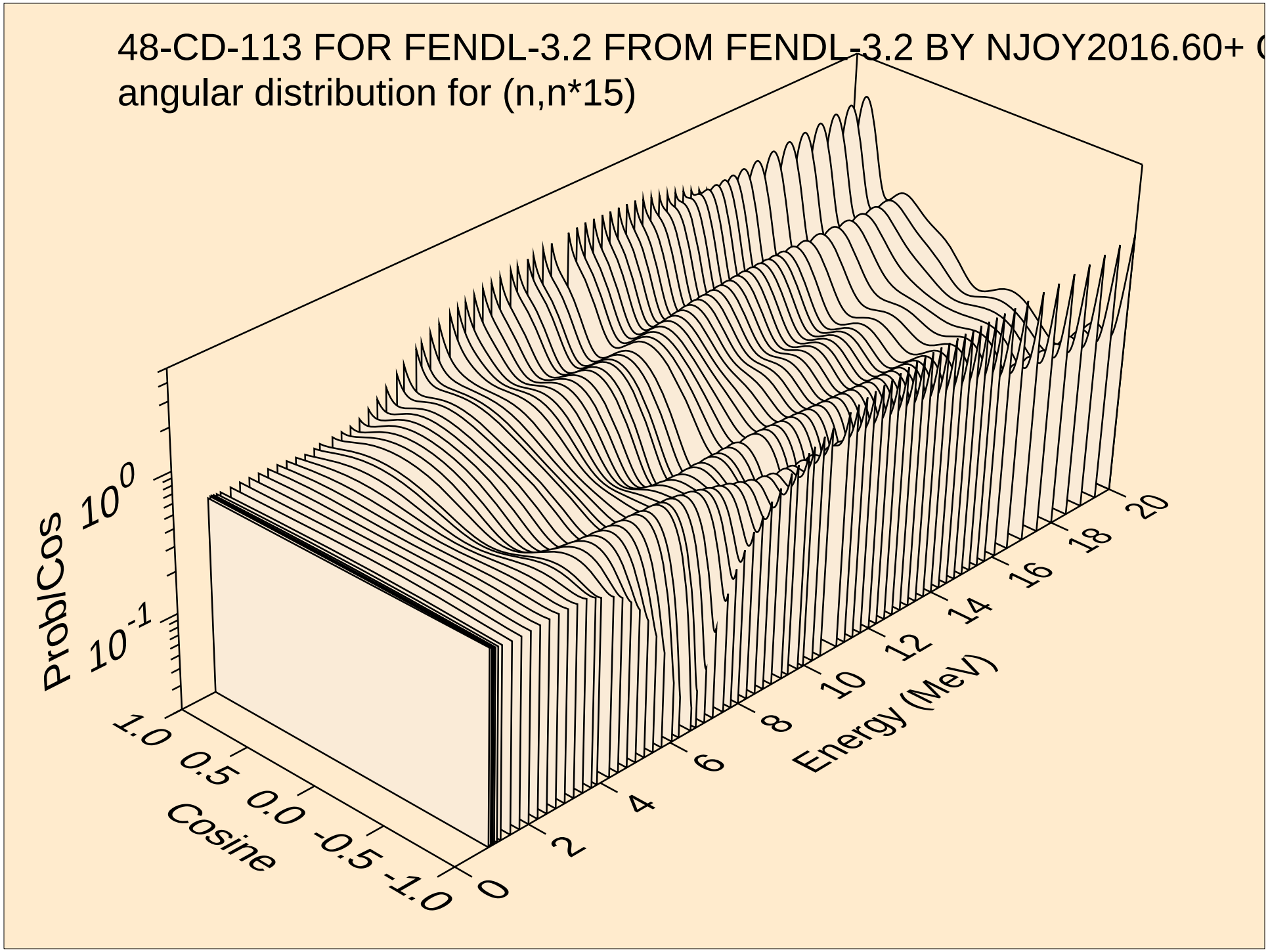

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*10)
ProbICos
10^{0}
10^{-1}
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

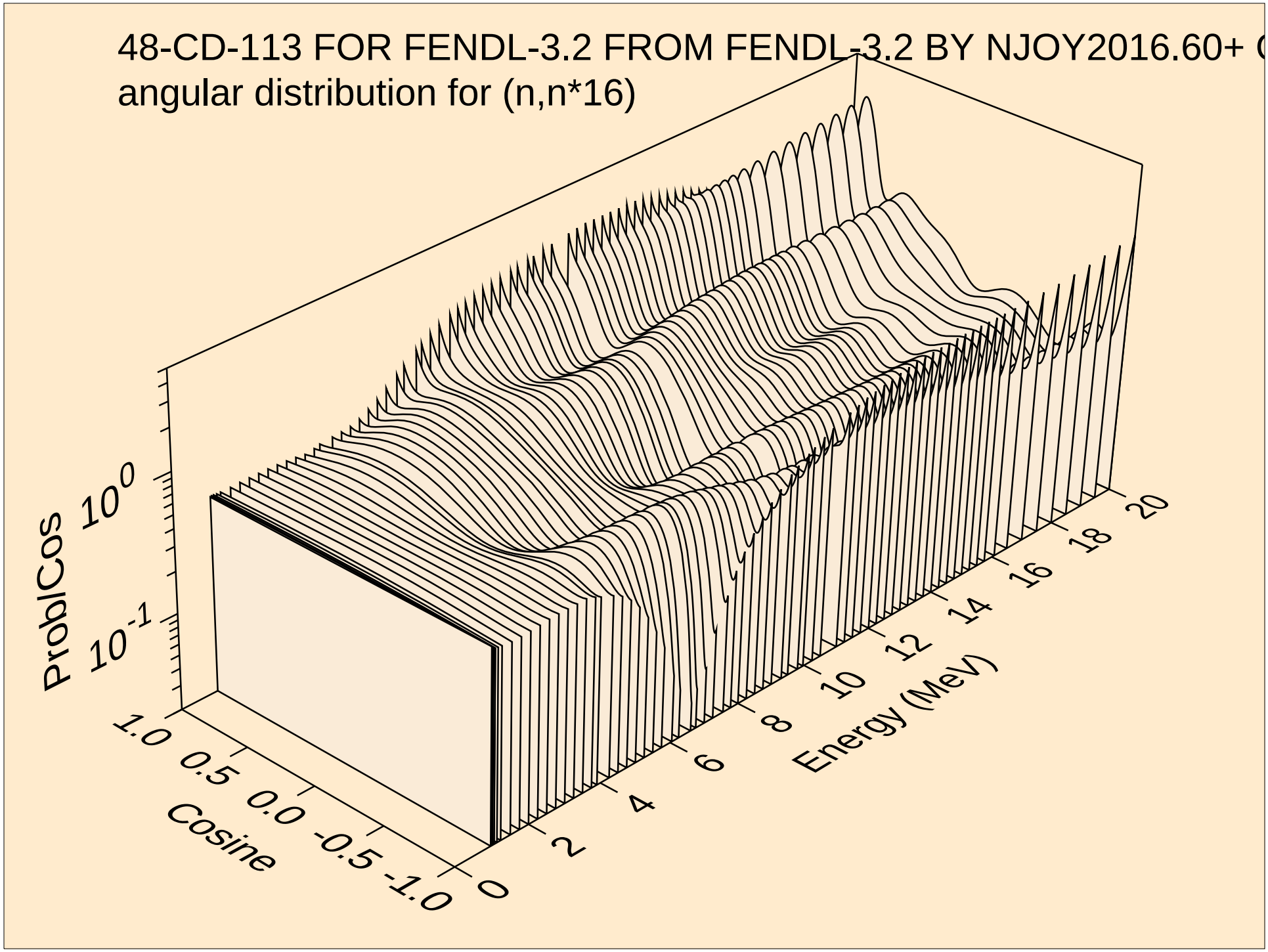

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*11)
ProbICos
10^0
Cosine
1.0
0.5
0.0
-0.5
-1.0
Energy (MeV)
0
2
4
6
8
10
12
14
16
18
20

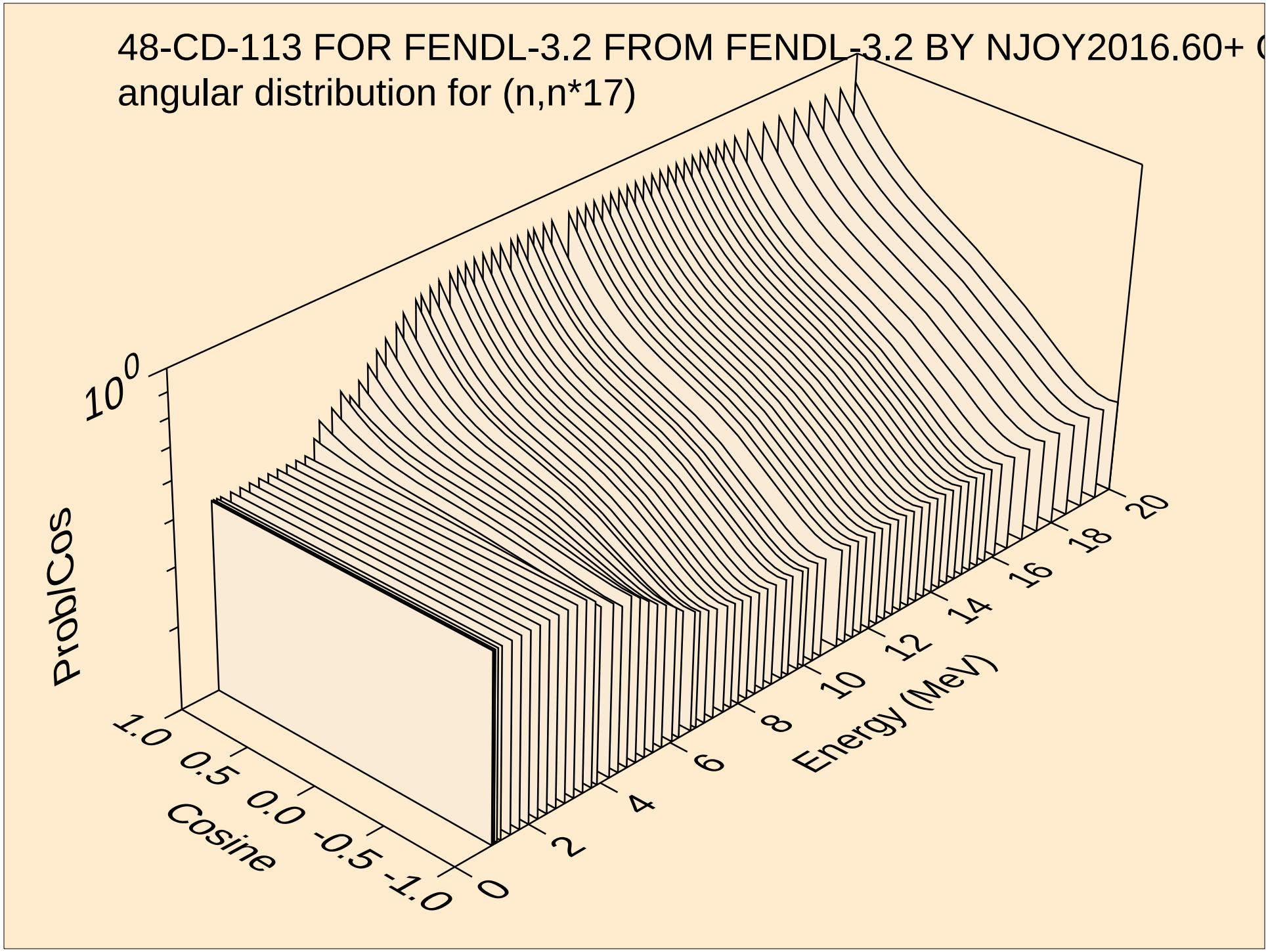

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*12)
10^0
ProbICos
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

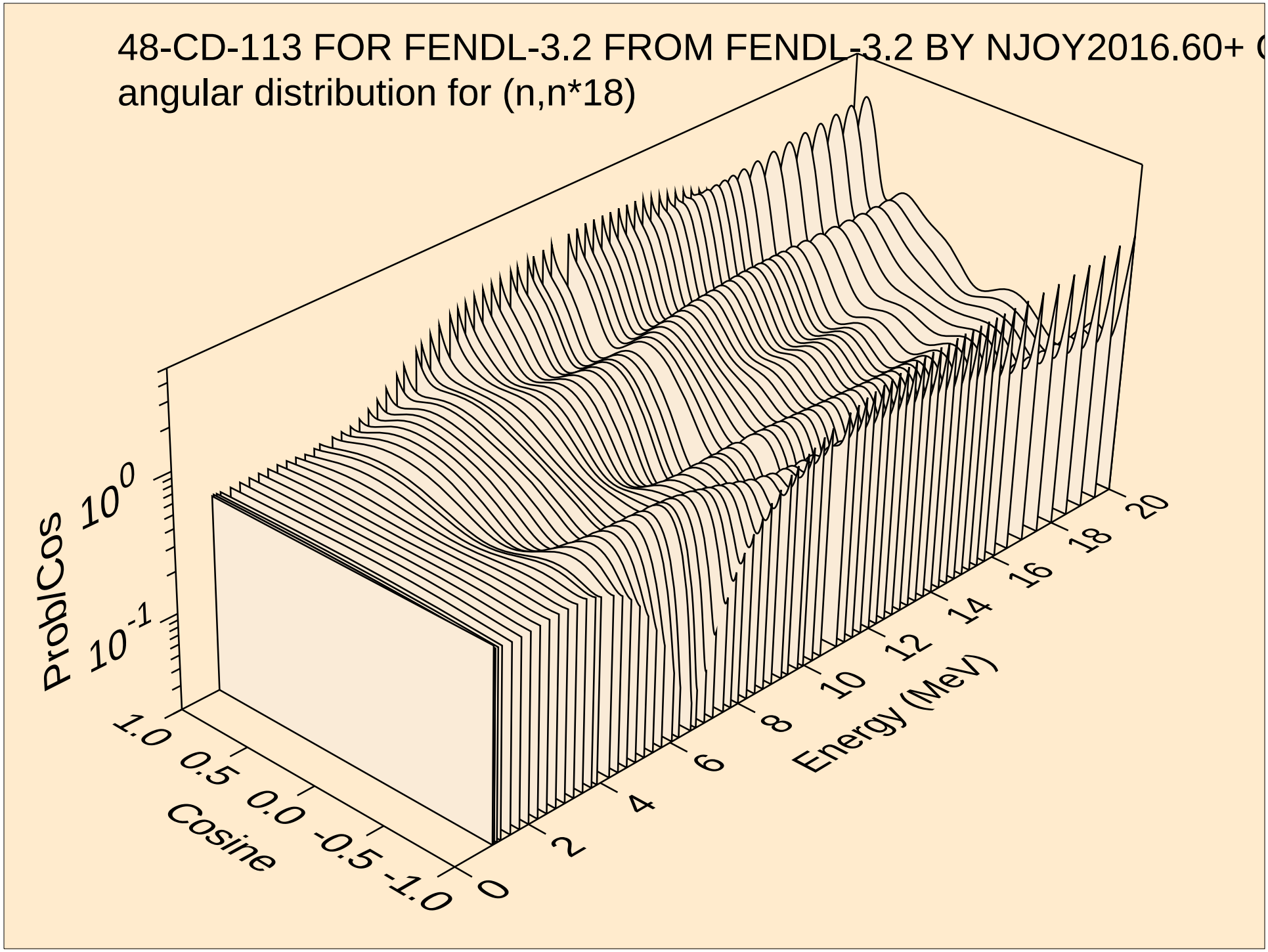

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*13)
ProbICos
10^0
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

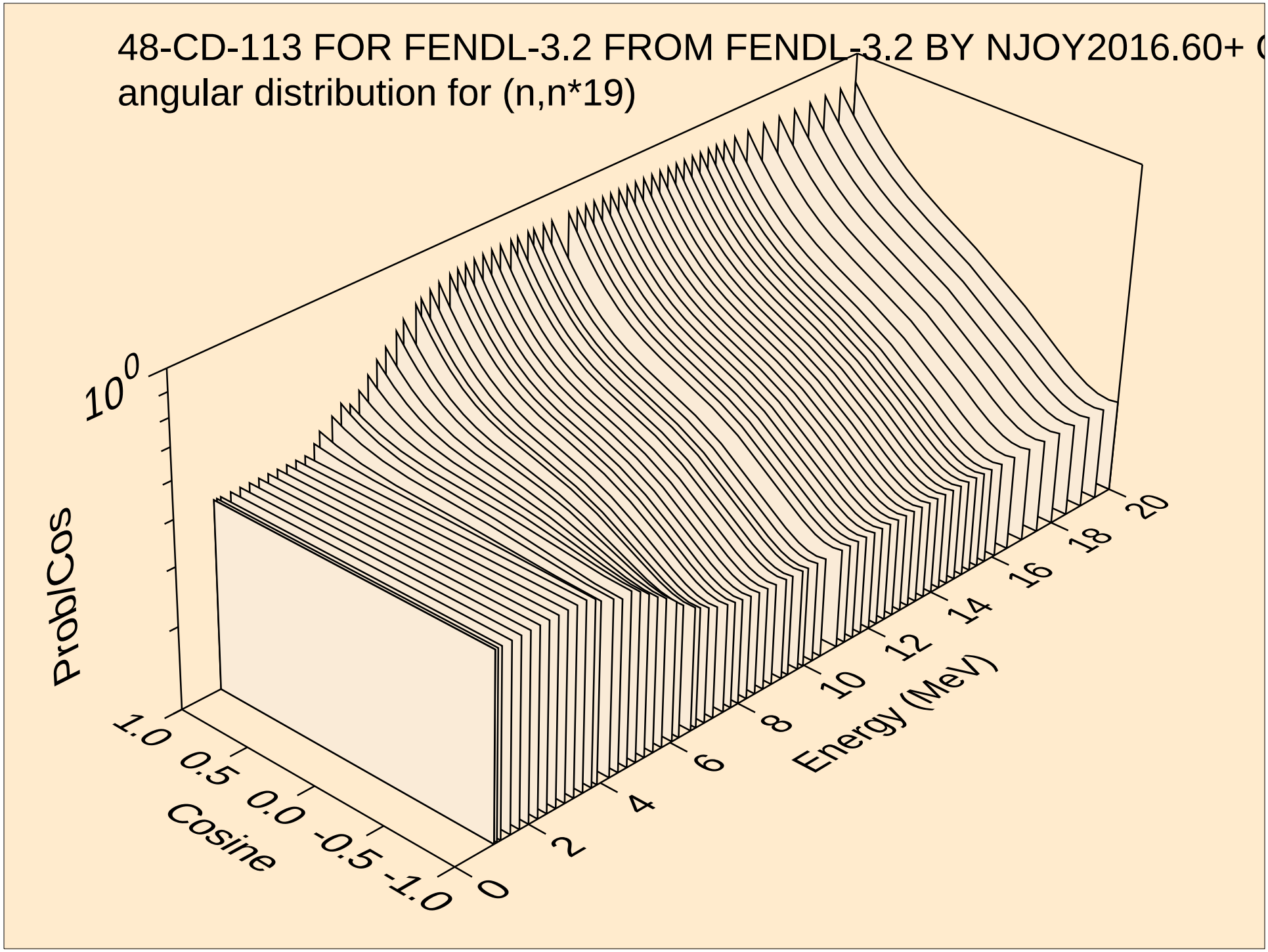

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*14)
10^0
ProbICos
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

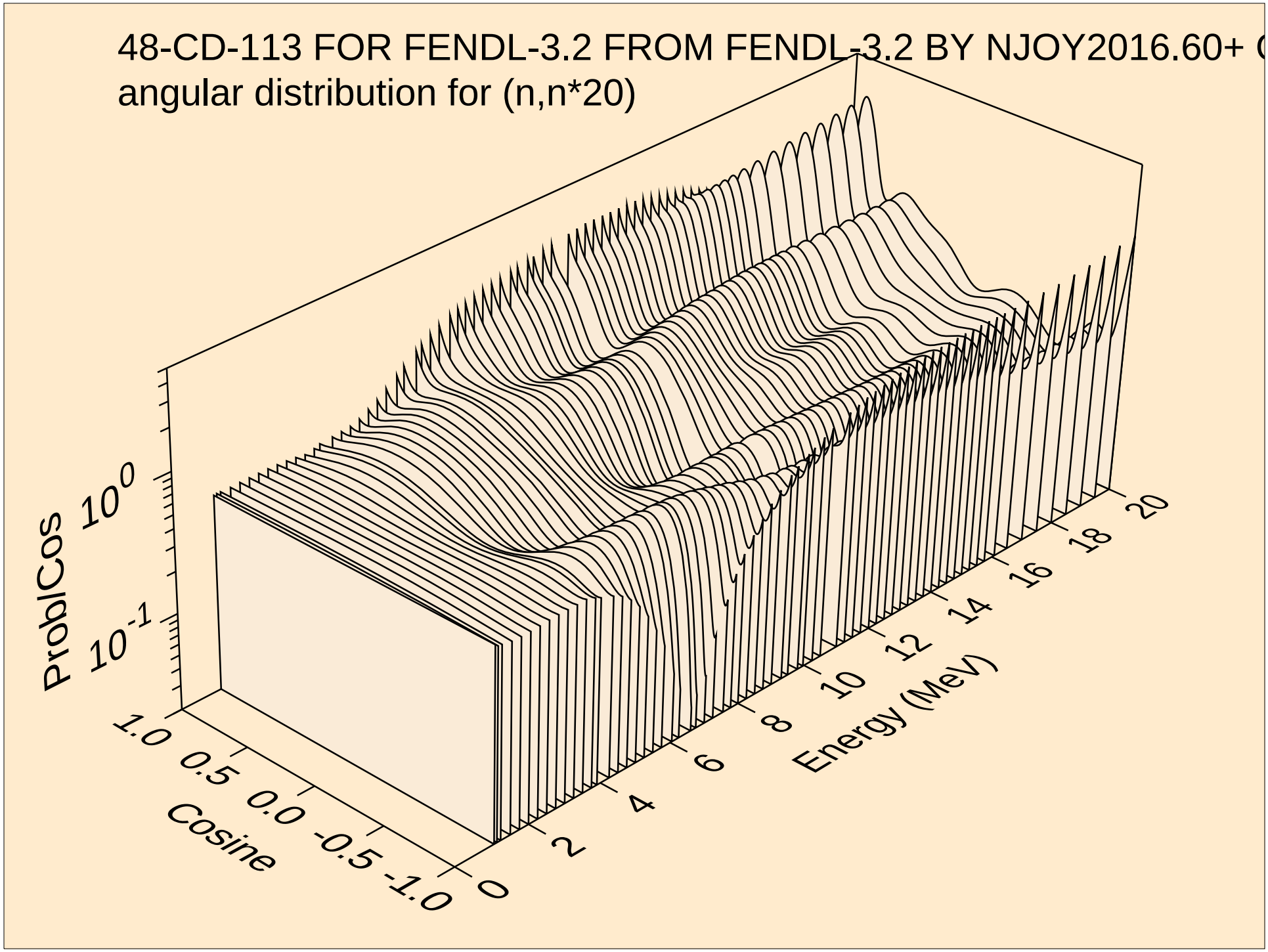

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*15)
ProbICos
10^{0}
10^{-1}
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

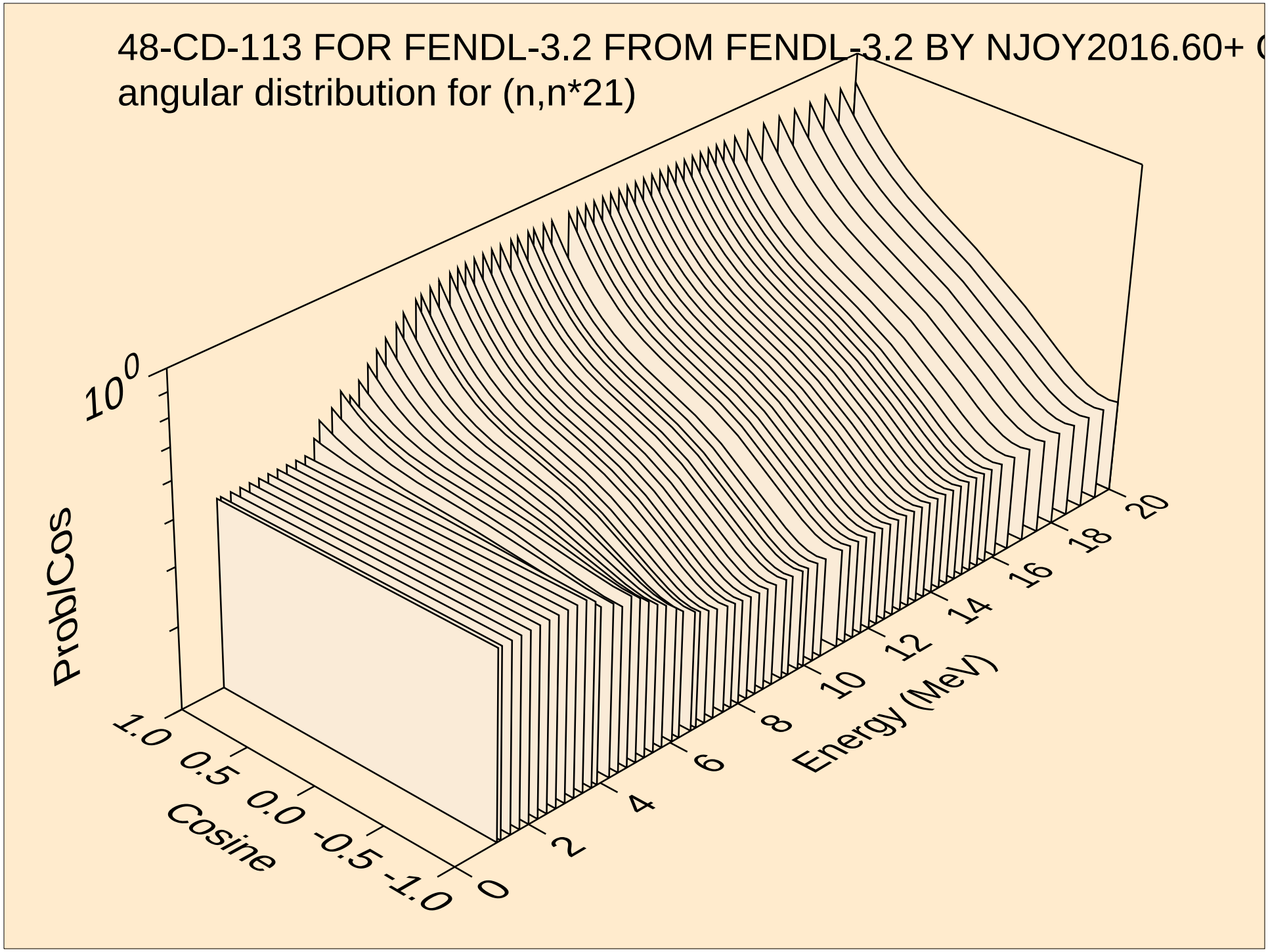

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*16)
ProbICos
10^0
10^-1
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

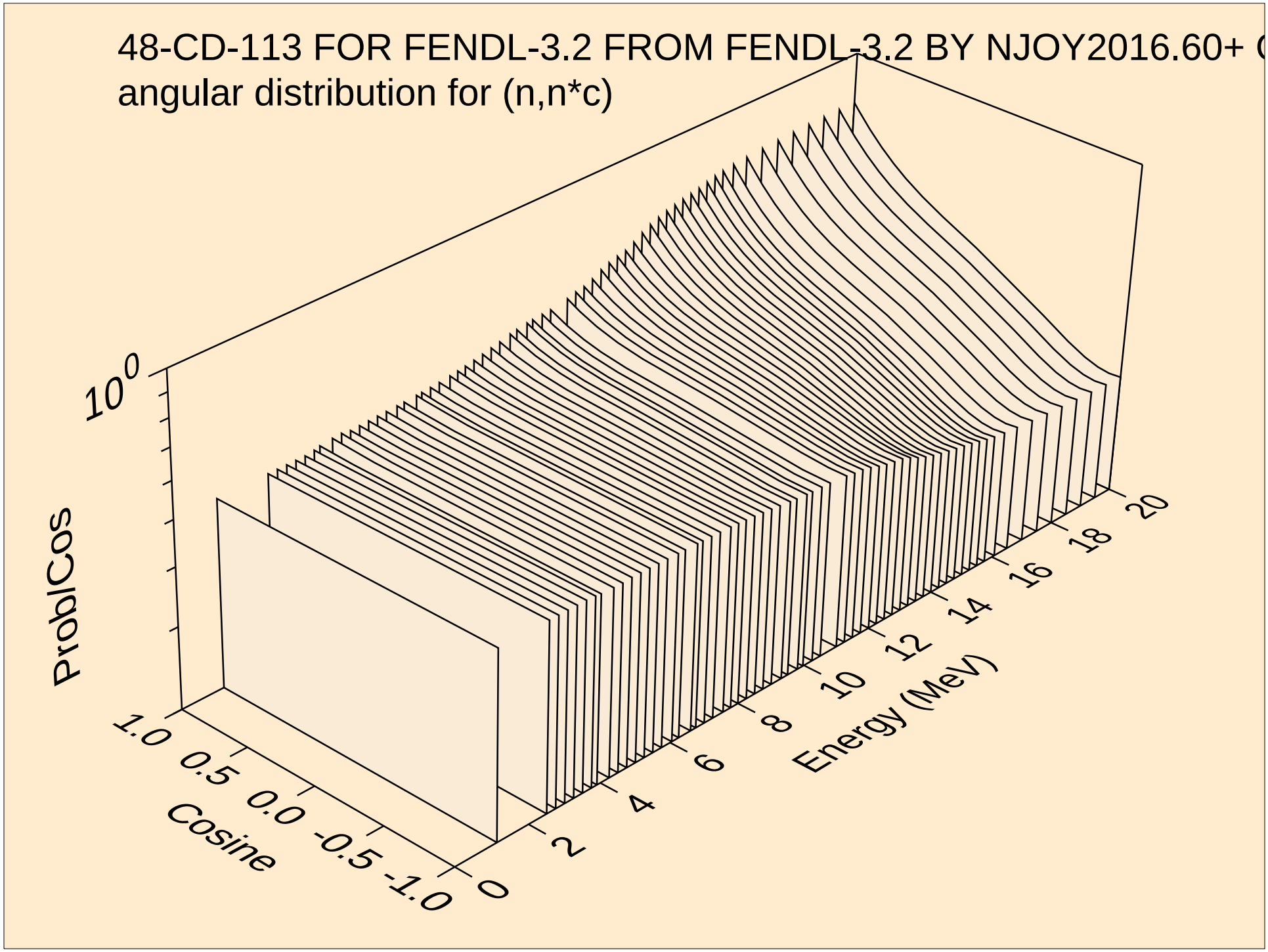

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*17)
ProbICos
10^0
Cosine
1.0
0.5
0.0
-0.5
-1.0
Energy (MeV)
0
2
4
6
8
10
12
14
16
18
20

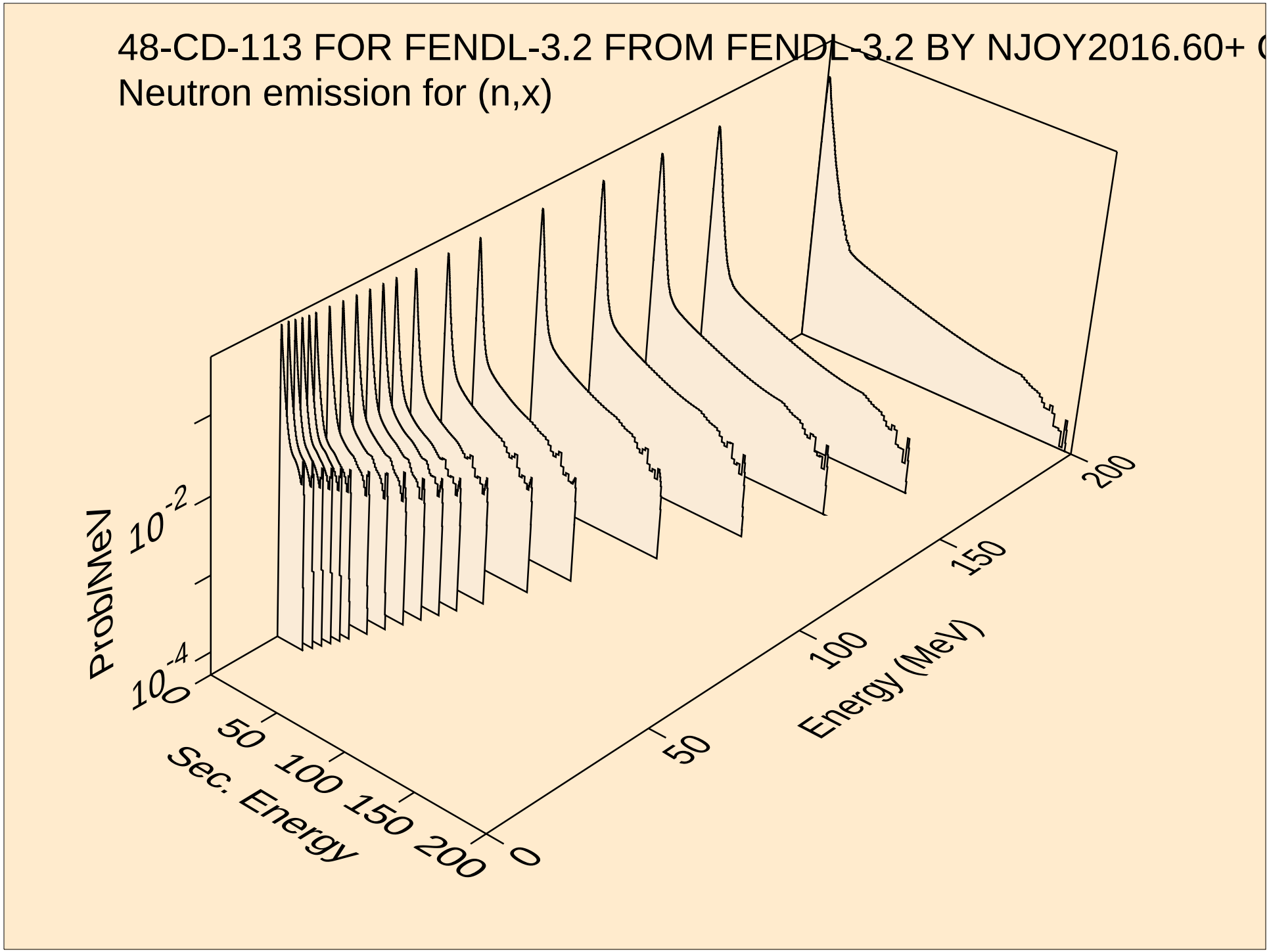

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*18)
ProbICos
10^0
10^-1
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

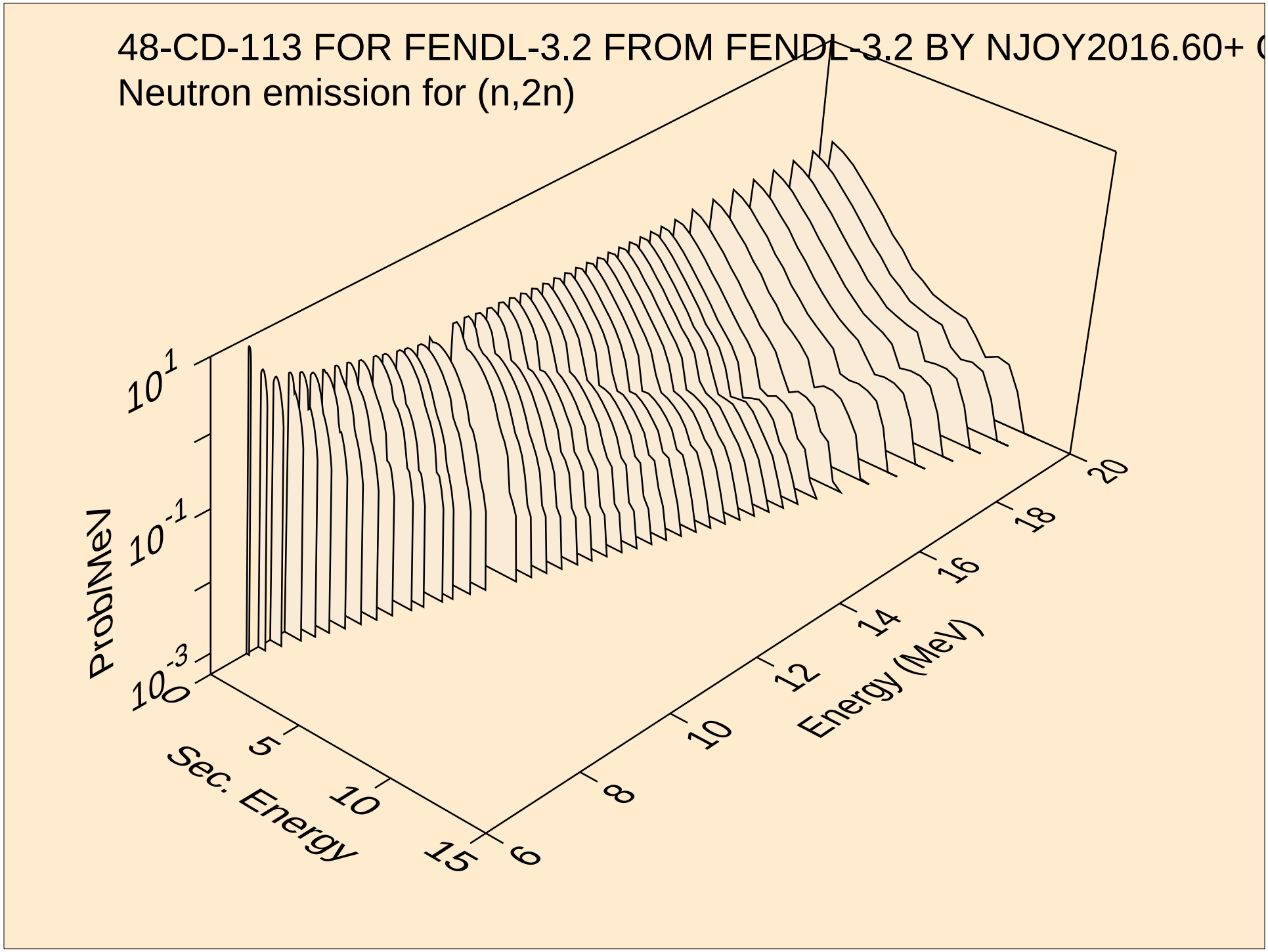

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*19)
ProbICos
10^0
Cosine
1.0
0.5
0.0
-0.5
-1.0
Energy (MeV)
0
2
4
6
8
10
12
14
16
18
20

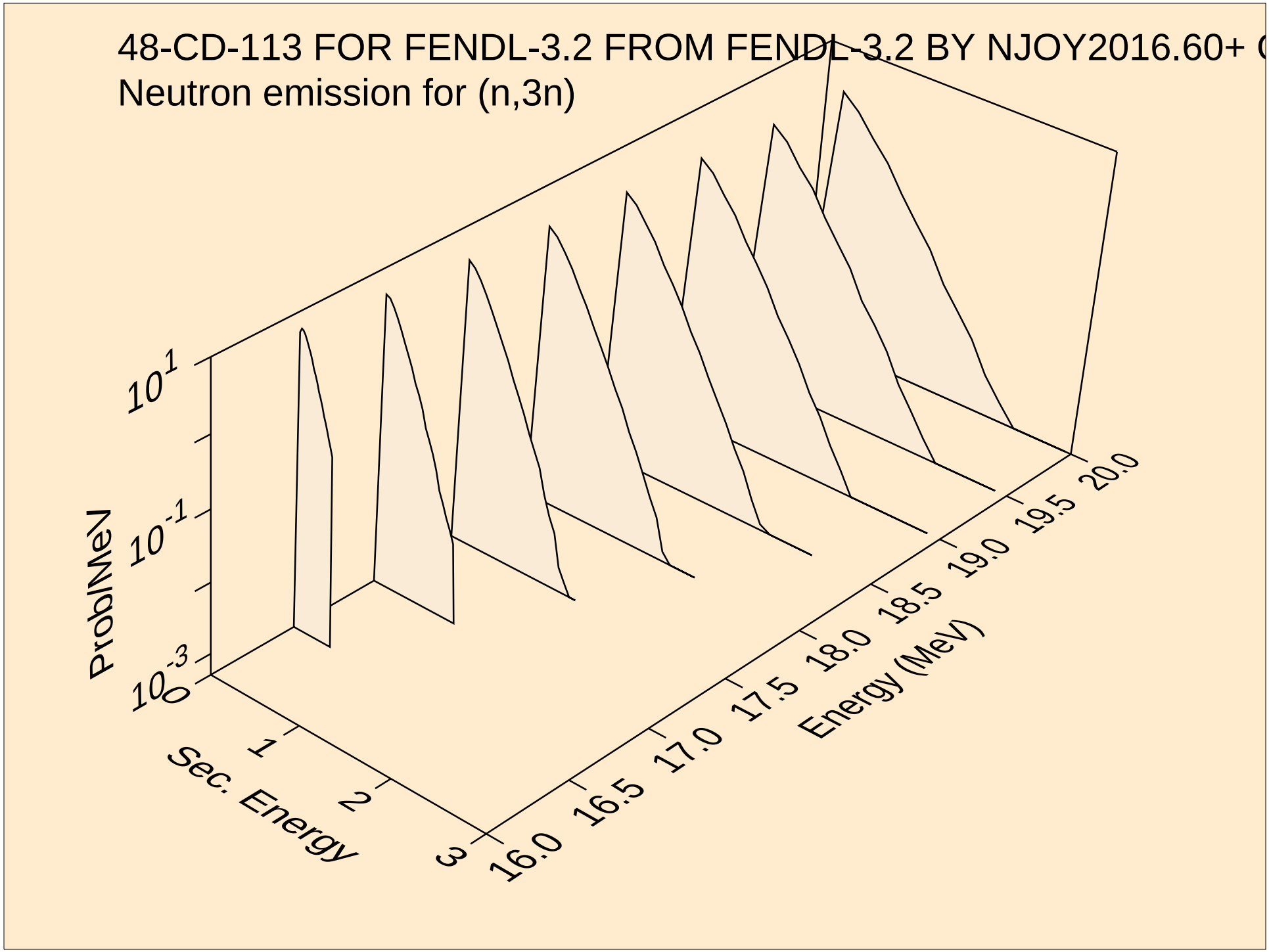

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*20)
ProbICos
10^0
10^-1
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

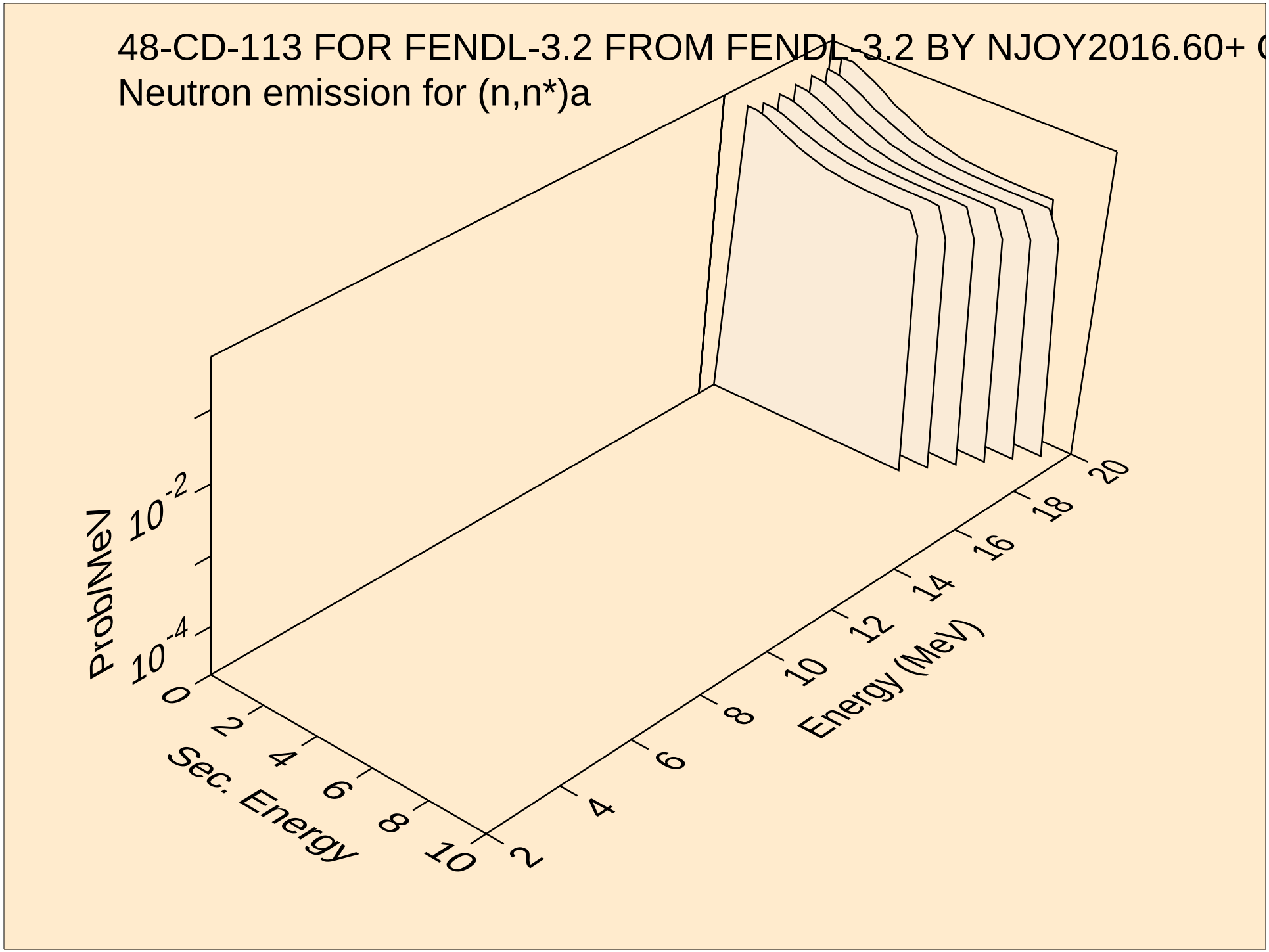

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*21)
ProbICos
10^0
Cosine
1.0
0.5
0.0
-0.5
-1.0
Energy (MeV)
0
2
4
6
8
10
12
14
16
18
20

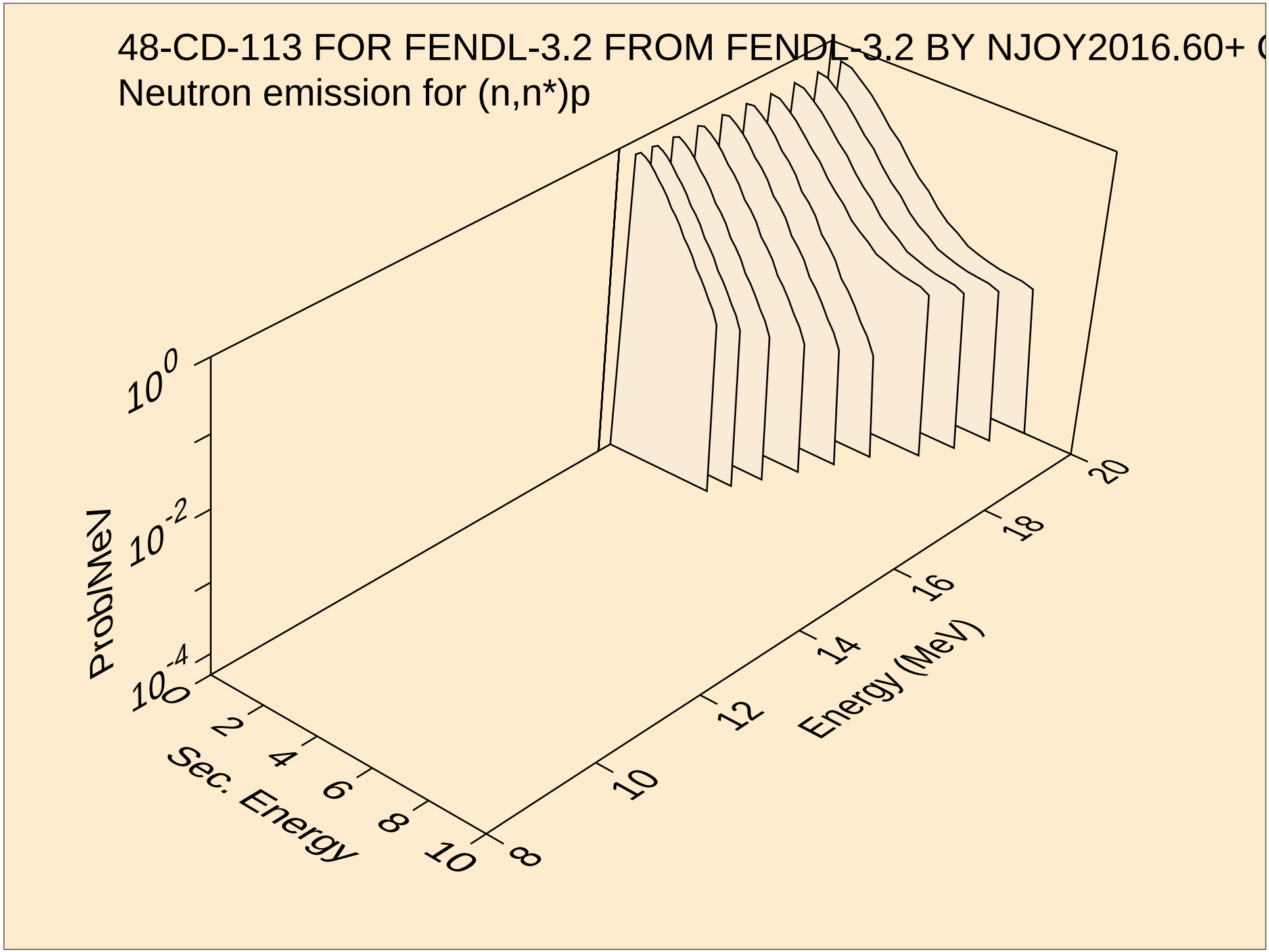

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
angular distribution for (n,n*c)
10^0
ProbICos
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

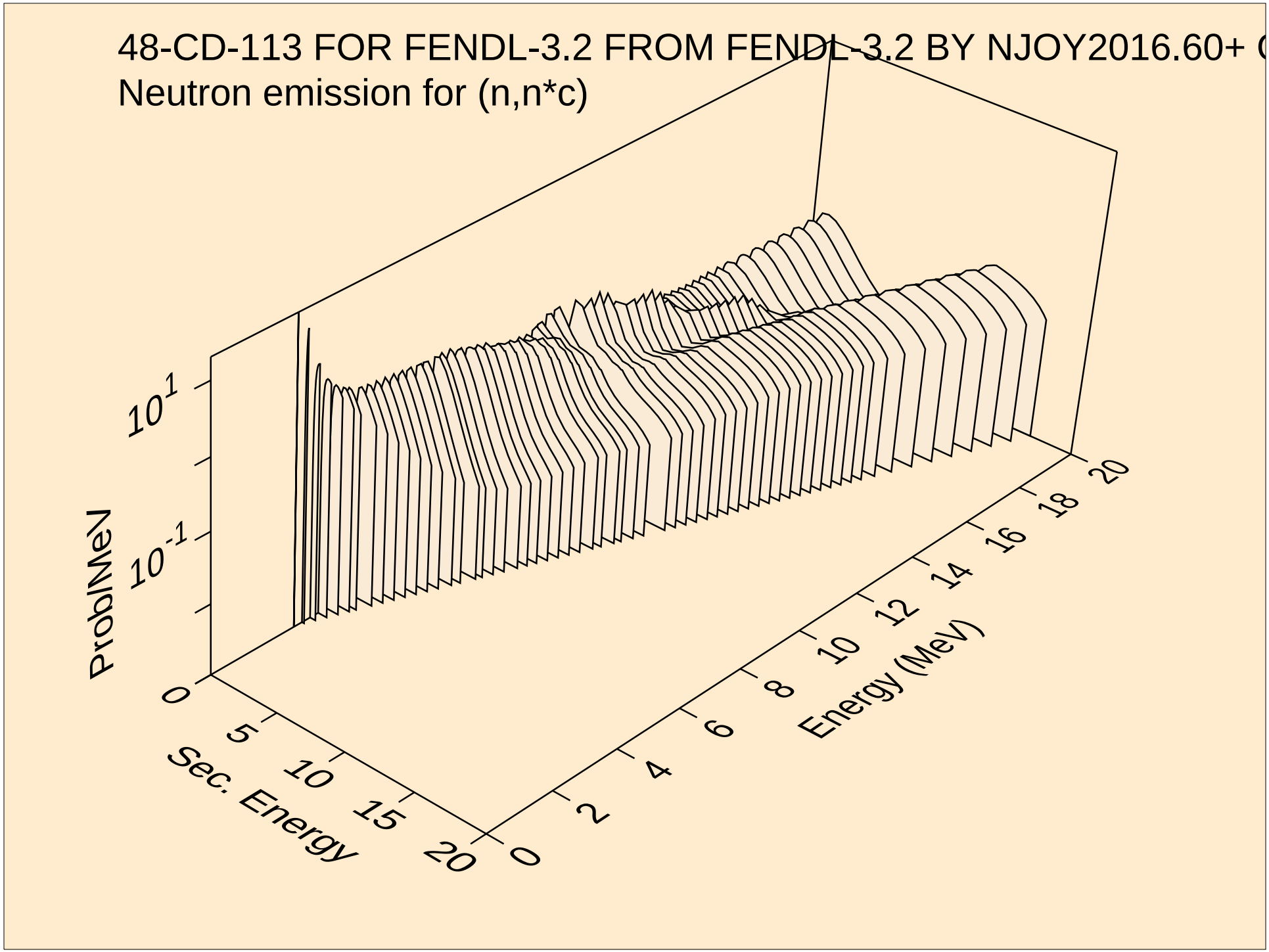

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Neutron emission for (n,x)
Prob/MeV
10-2
10-4
0
50
100
150
200
Sec. Energy
0
50
100
150
200
Energy (MeV)

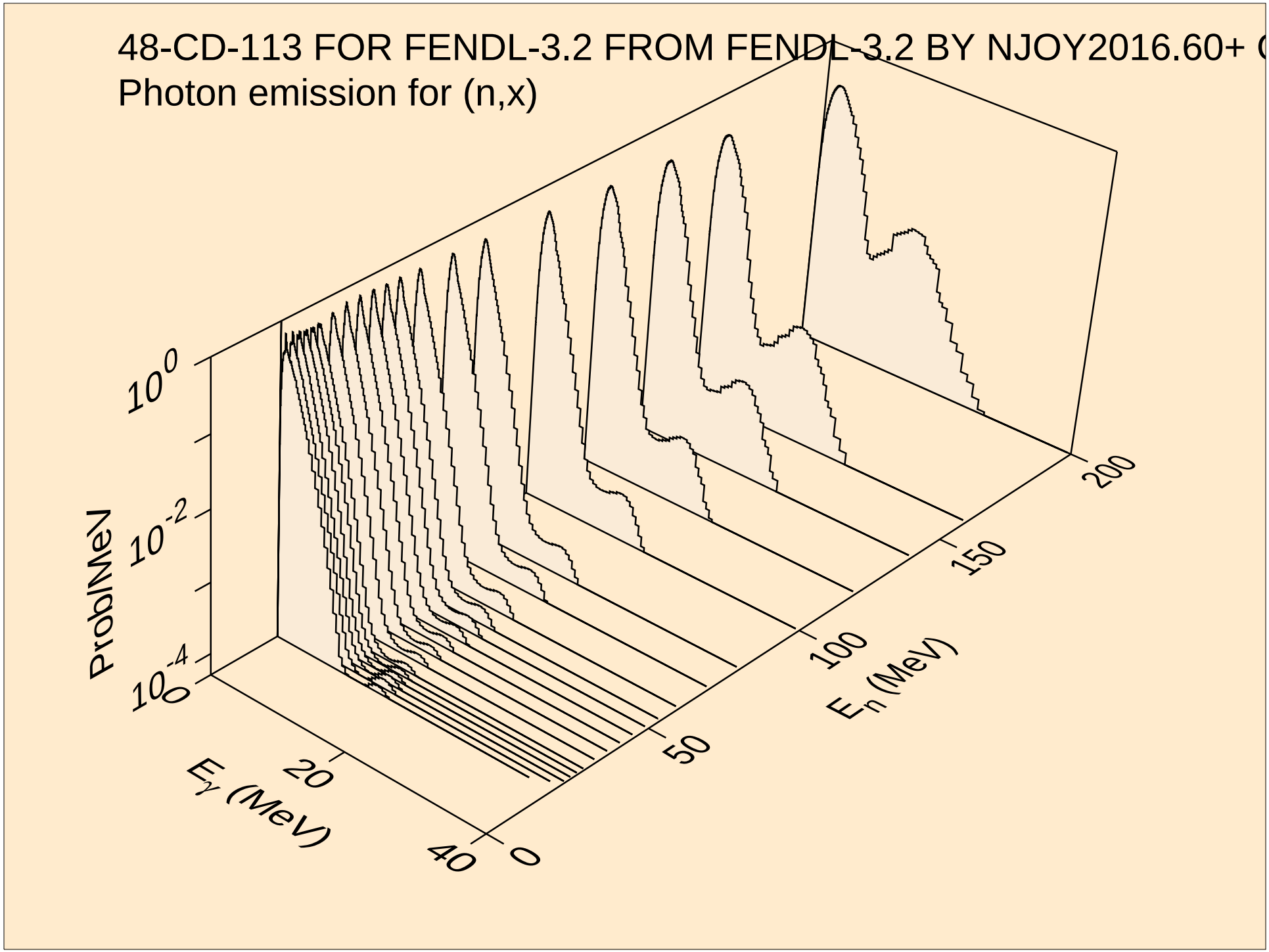

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Neutron emission for (n,2n)
Prob/MeV
10^{1}
10^{-1}
10^{-3}
0
5
10
15
Sec. Energy
6
8
10
12
14
16
18
20
Energy (MeV)

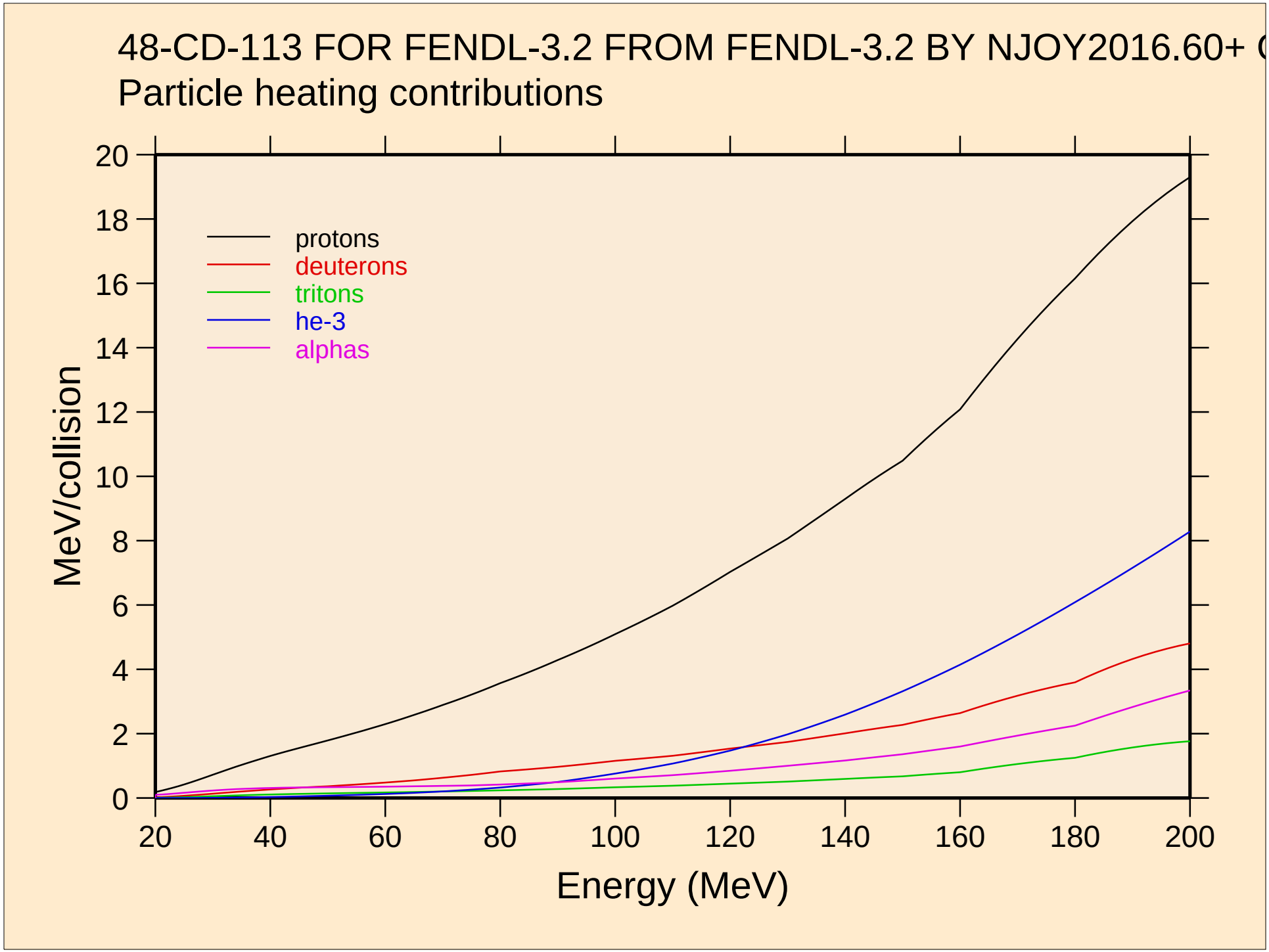

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Neutron emission for (n,3n)
Prob/MeV
10^1
10^-1
10^-3
0
1
2
3
Sec. Energy
16.0
16.5
17.0
17.5
18.0
18.5
19.0
19.5
20.0
Energy (MeV)

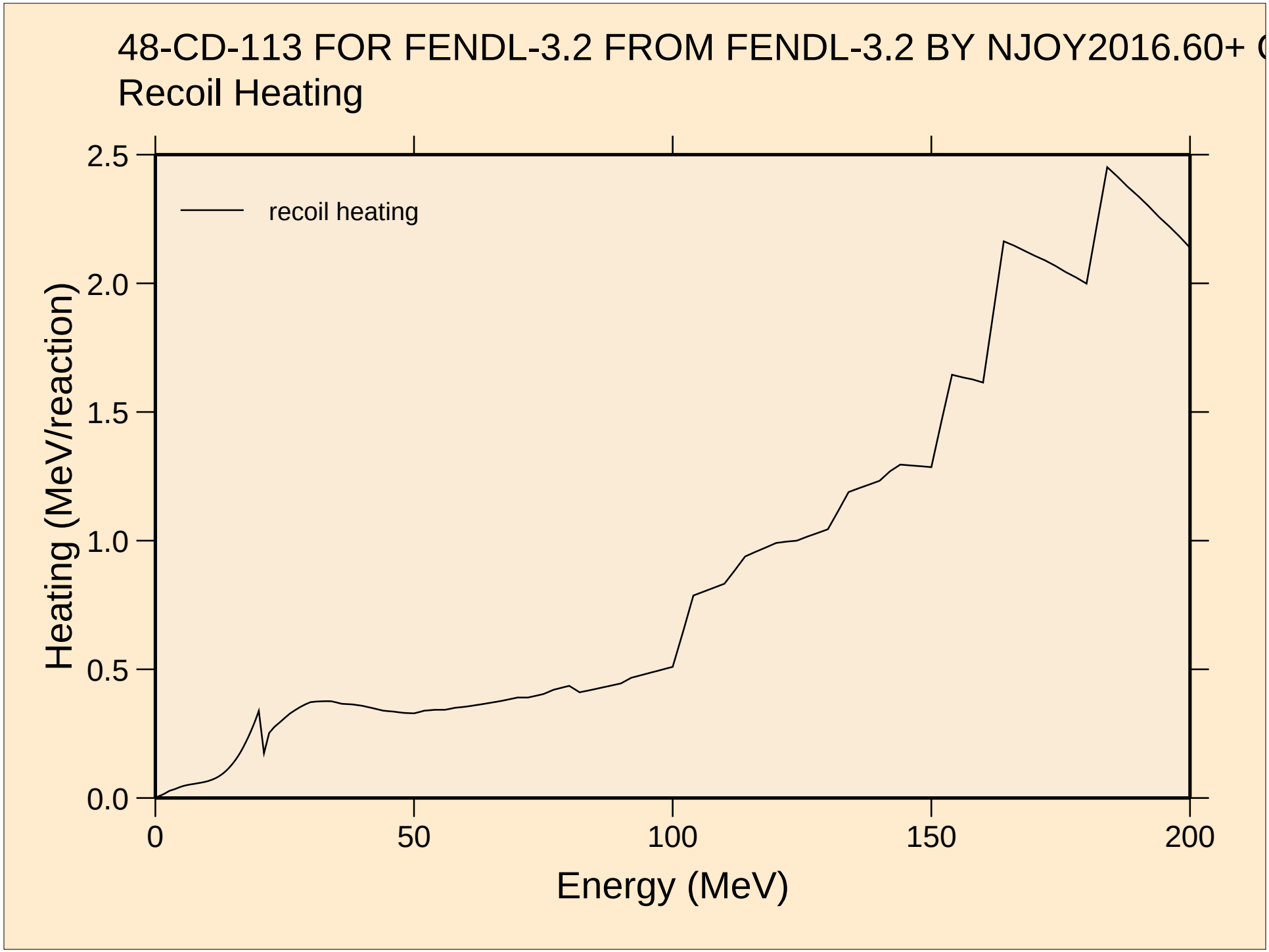

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Neutron emission for (n,n*)a
Prob/MeV
10-2
10-4
0
2
4
6
8
10
Sec. Energy
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

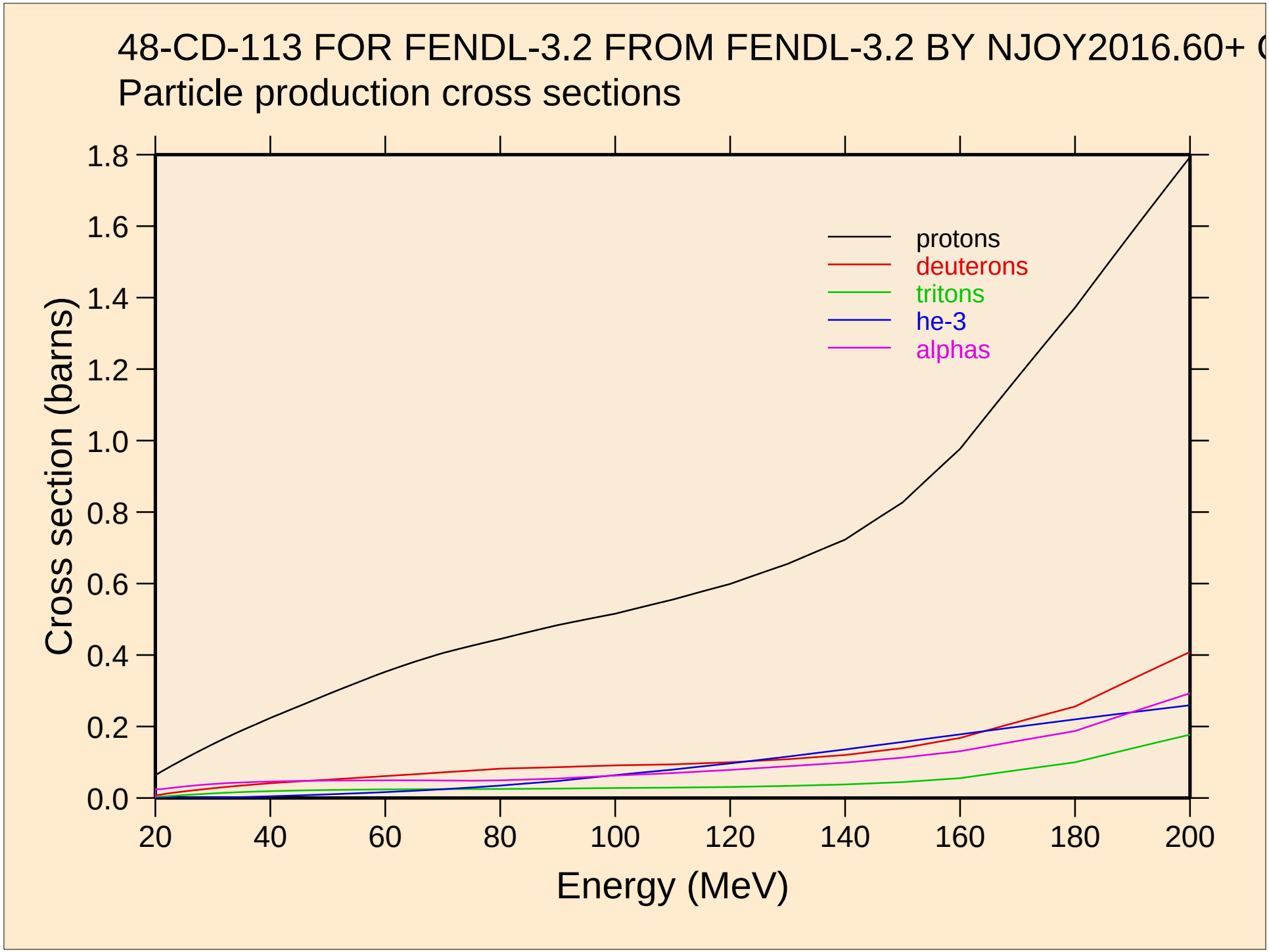

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Neutron emission for (n,n*)p
Prob/MeV
10^0
10^-2
10^-4
0
2
4
6
8
10
Sec. Energy
8
10
12
14
16
18
20
Energy (MeV)

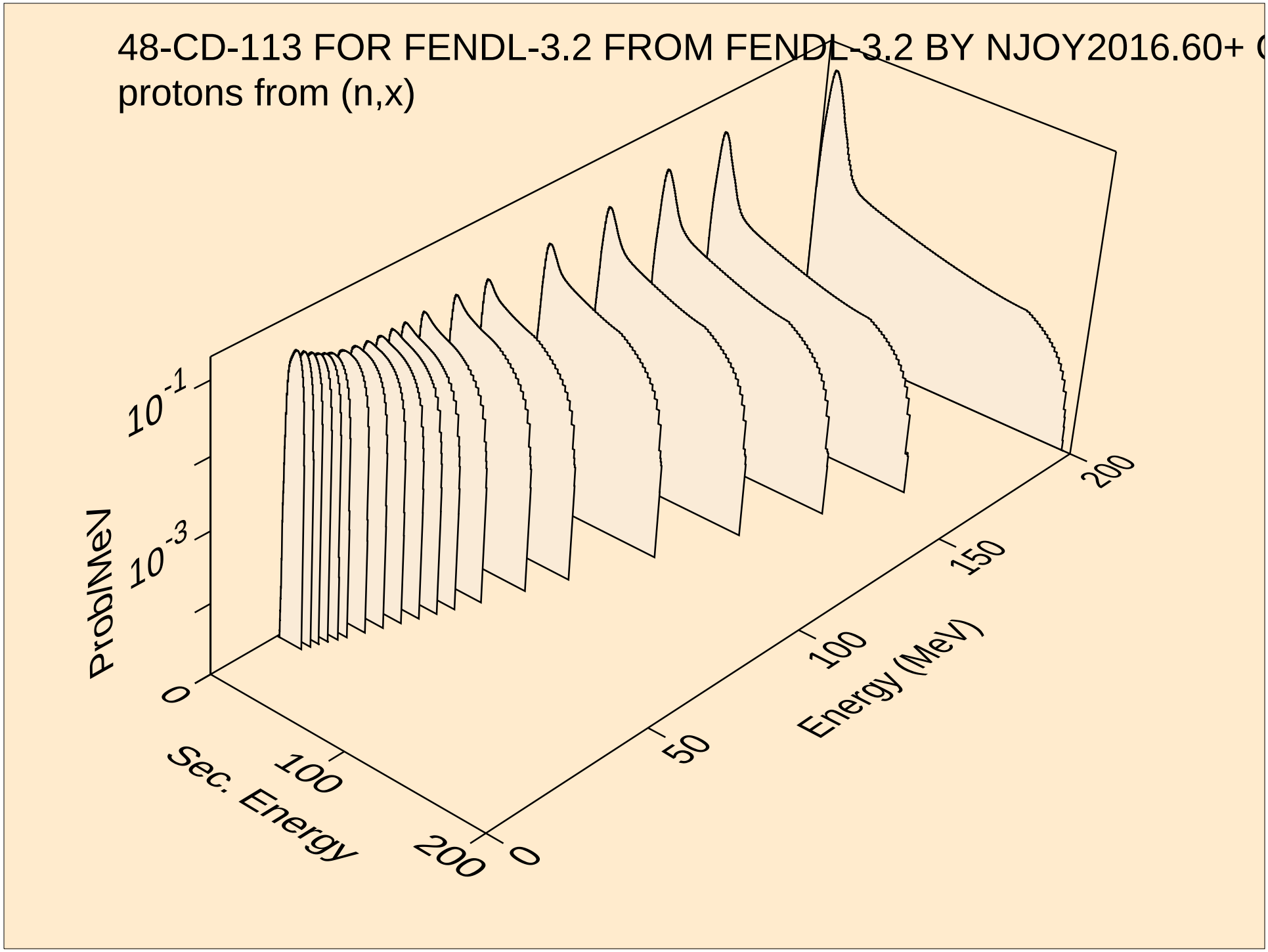

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Neutron emission for (n,n*c)
Prob/MeV
10^{1}
10^{-1}
0
5
10
15
20
Sec. Energy
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)

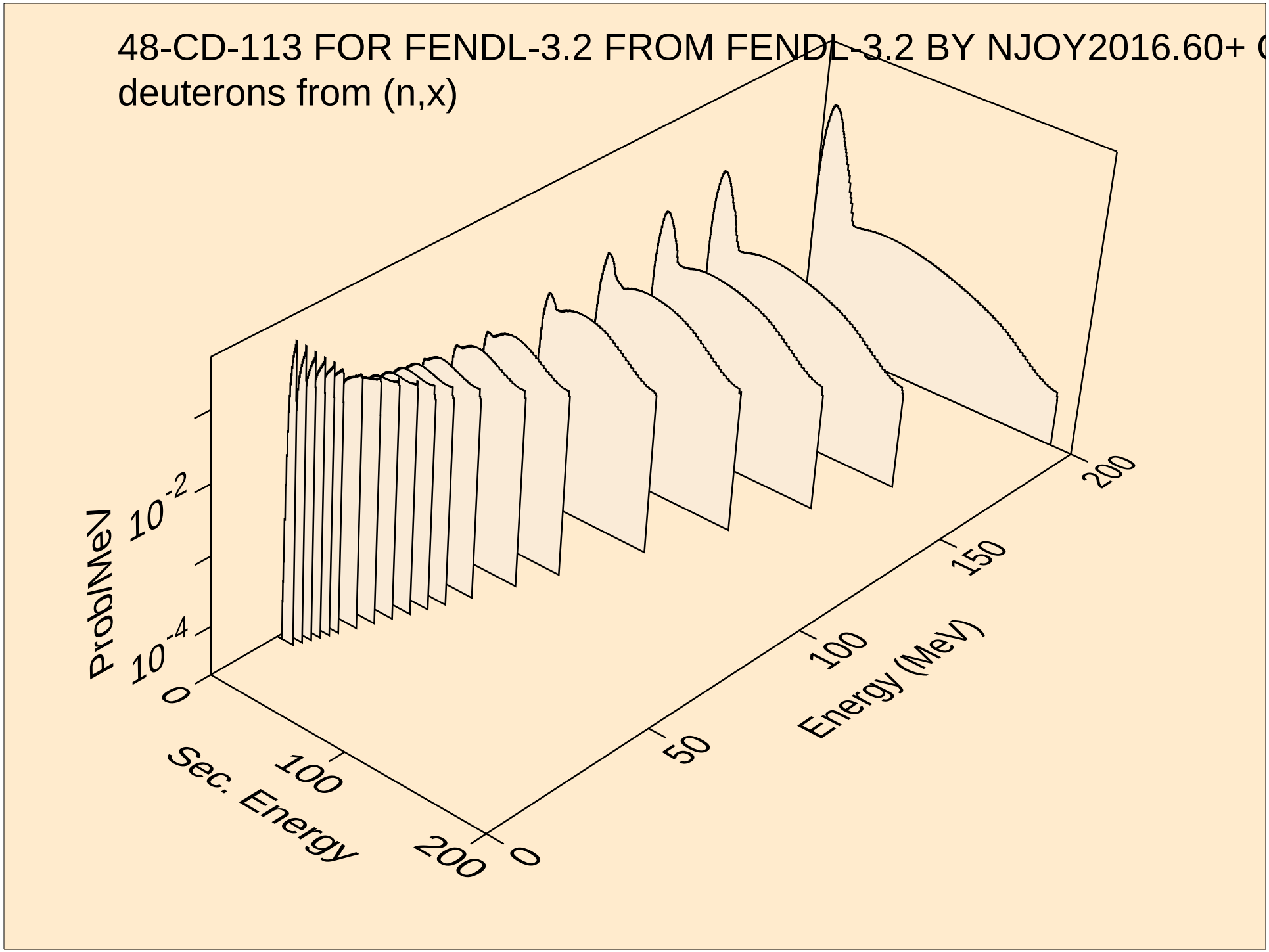

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Photon emission for (n,x)
Prob/MeV
10^{0}
10^{-2}
10^{-4}
E_γ (MeV)
0
20
40
E_n (MeV)
0
50
100
150
200

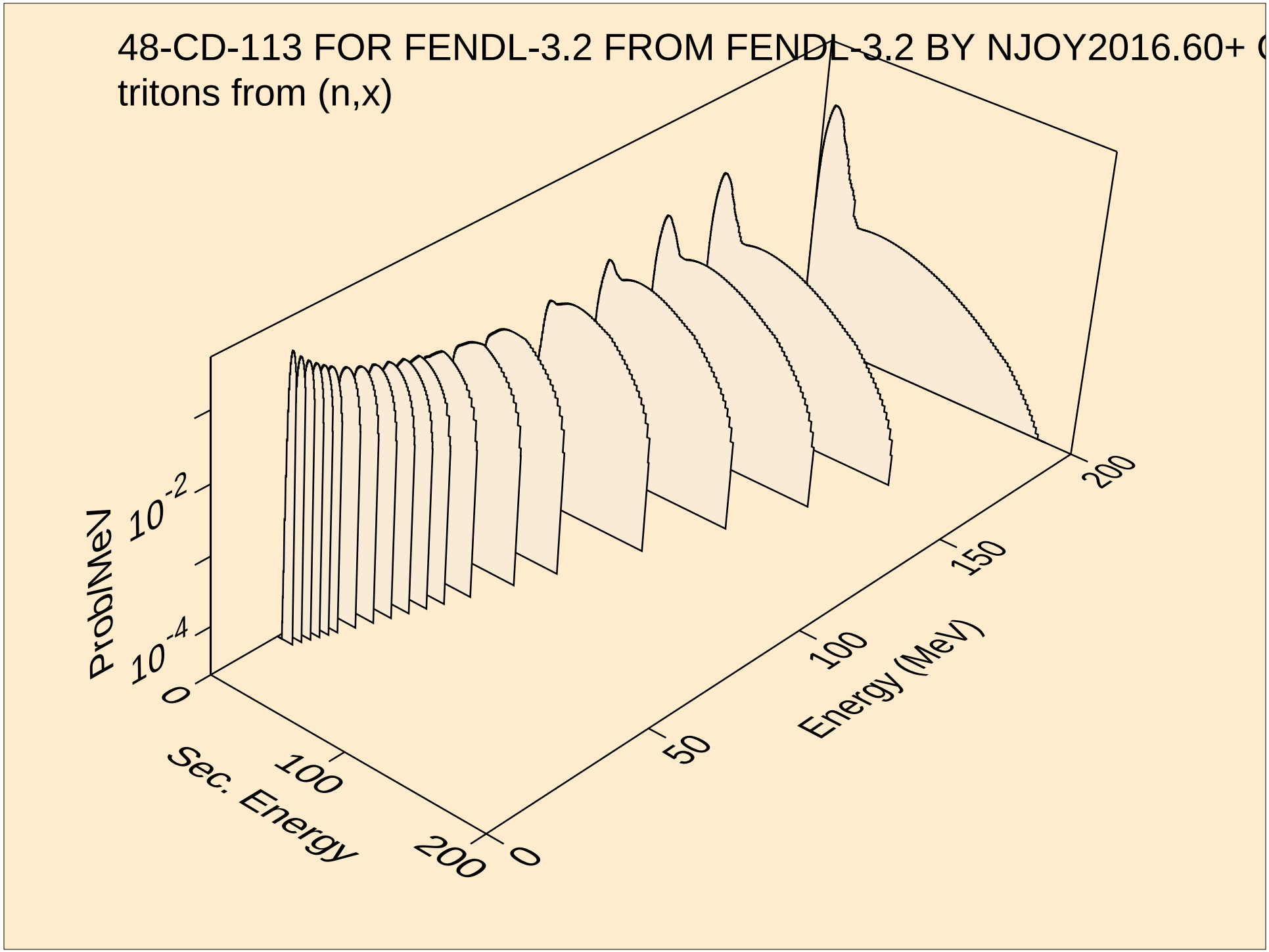

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Particle heating contributions
protons
deuterons
tritons
he-3
alphas
MeV/collision
Energy (MeV)
0
2
4
6
8
10
12
14
16
18
20
20
40
60
80
100
120
140
160
180
200

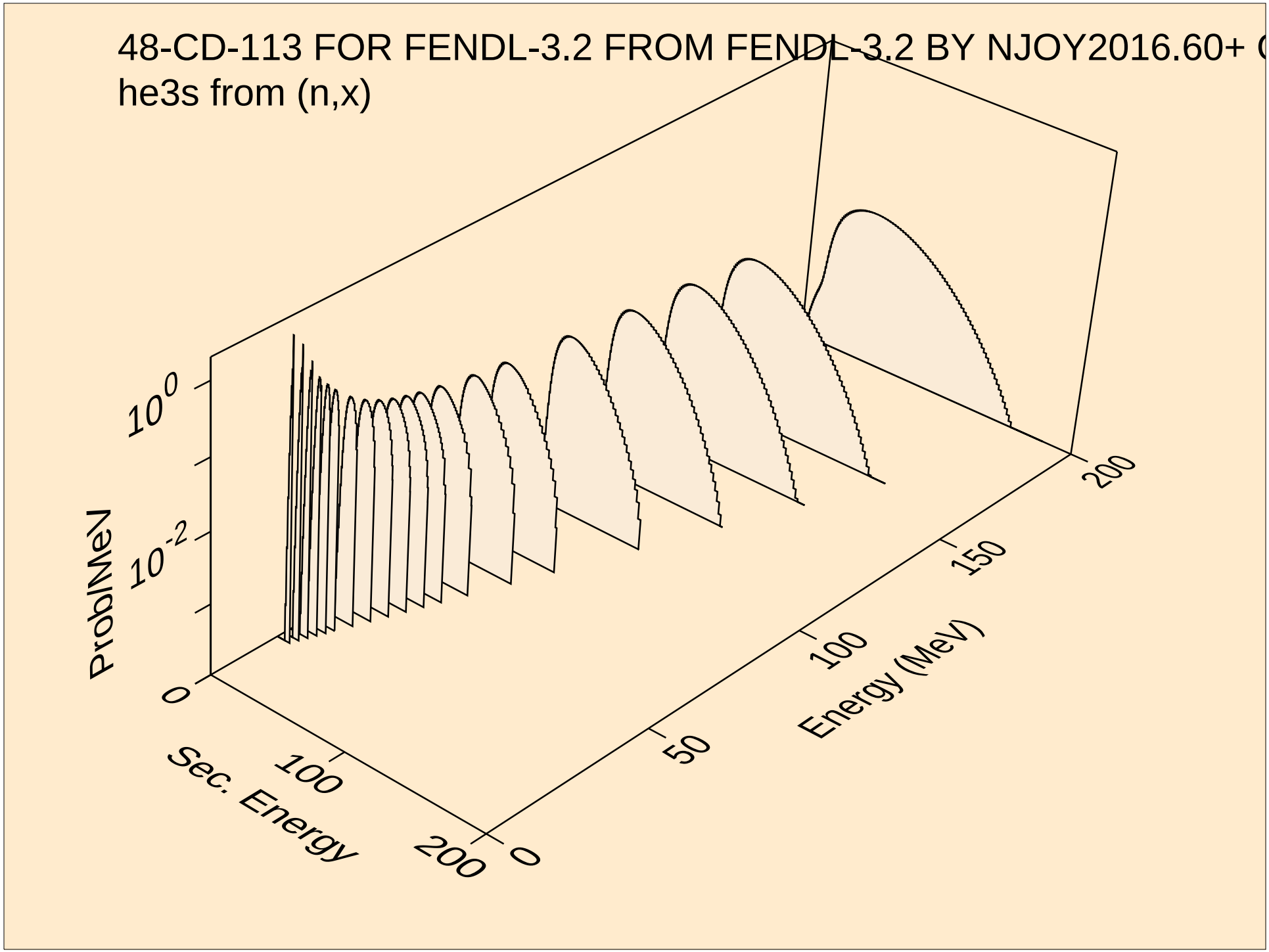

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Recoil Heating
recoil heating
Heating (MeV/reaction)
Energy (MeV)
0.0
0.5
1.0
1.5
2.0
2.5
0
50
100
150
200

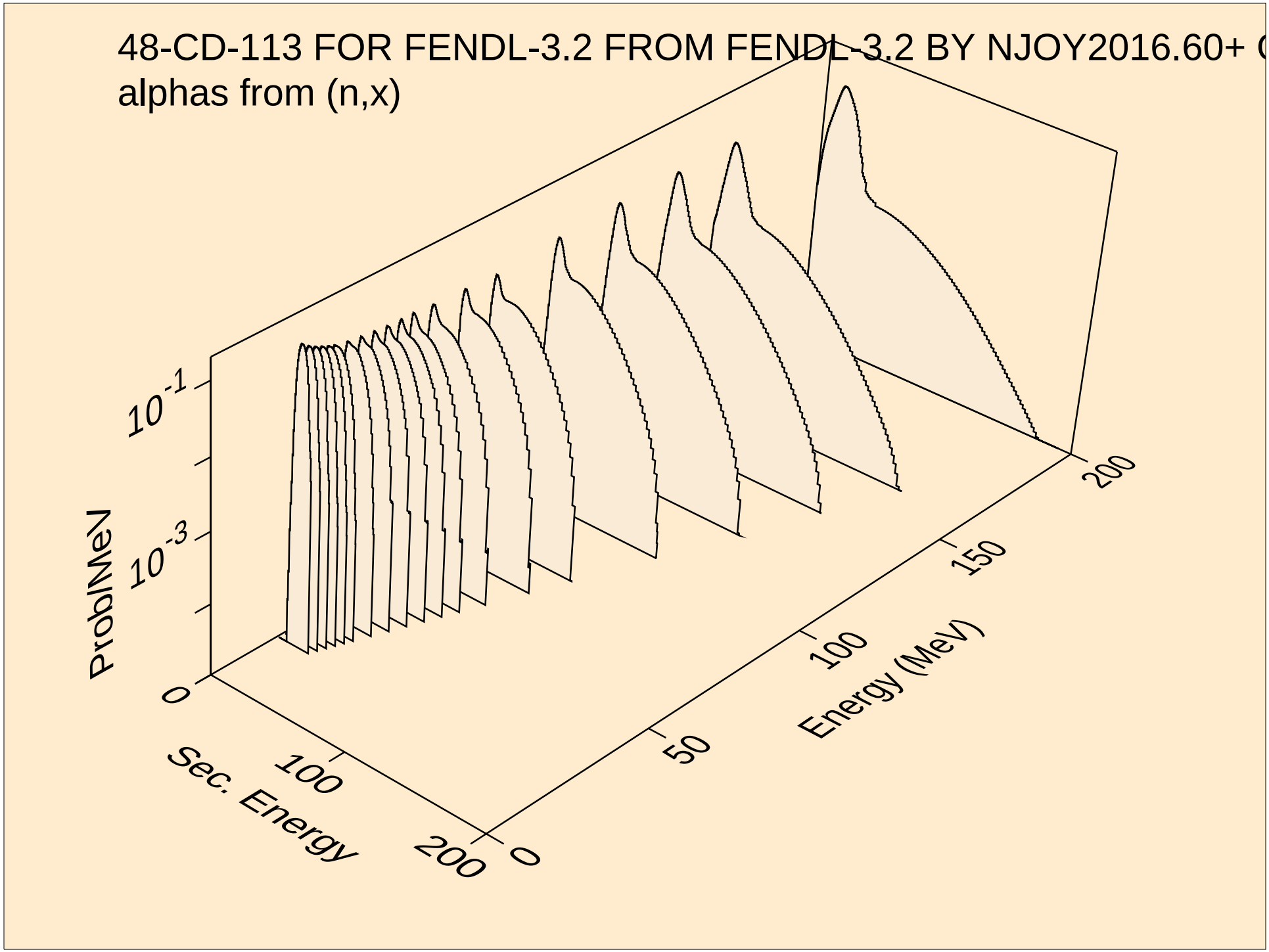

48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
Particle production cross sections
Cross section (barns)
Energy (MeV)
protons
deuterons
tritons
he-3
alphas
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
20
40
60
80
100
120
140
160
180
200


48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
protons from (n,x)
Prob/MeV
10-1
10-3
0
Sec. Energy
100
200
0
50
100
Energy (MeV)
150
200


48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
deuterons from (n,x)
Prob/MeV
10-2
10-4
0
100
200
Sec. Energy
0
50
100
150
200
Energy (MeV)


48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
tritons from (n,x)
Prob/MeV
10-2
10-4
0
100
200
Sec. Energy
0
50
100
150
200
Energy (MeV)


48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
he3s from (n,x)
Prob/MeV
10^0
10^-2
0
Sec. Energy
100
200
0
50
100
Energy (MeV)
150
200


48-CD-113 FOR FENDL-3.2 FROM FENDL-3.2 BY NJOY2016.60+ C
alphas from (n,x)
Prob/MeV
10-1
10-3
0
Sec. Energy
100
200
0
50
100
150
200
Energy (MeV)