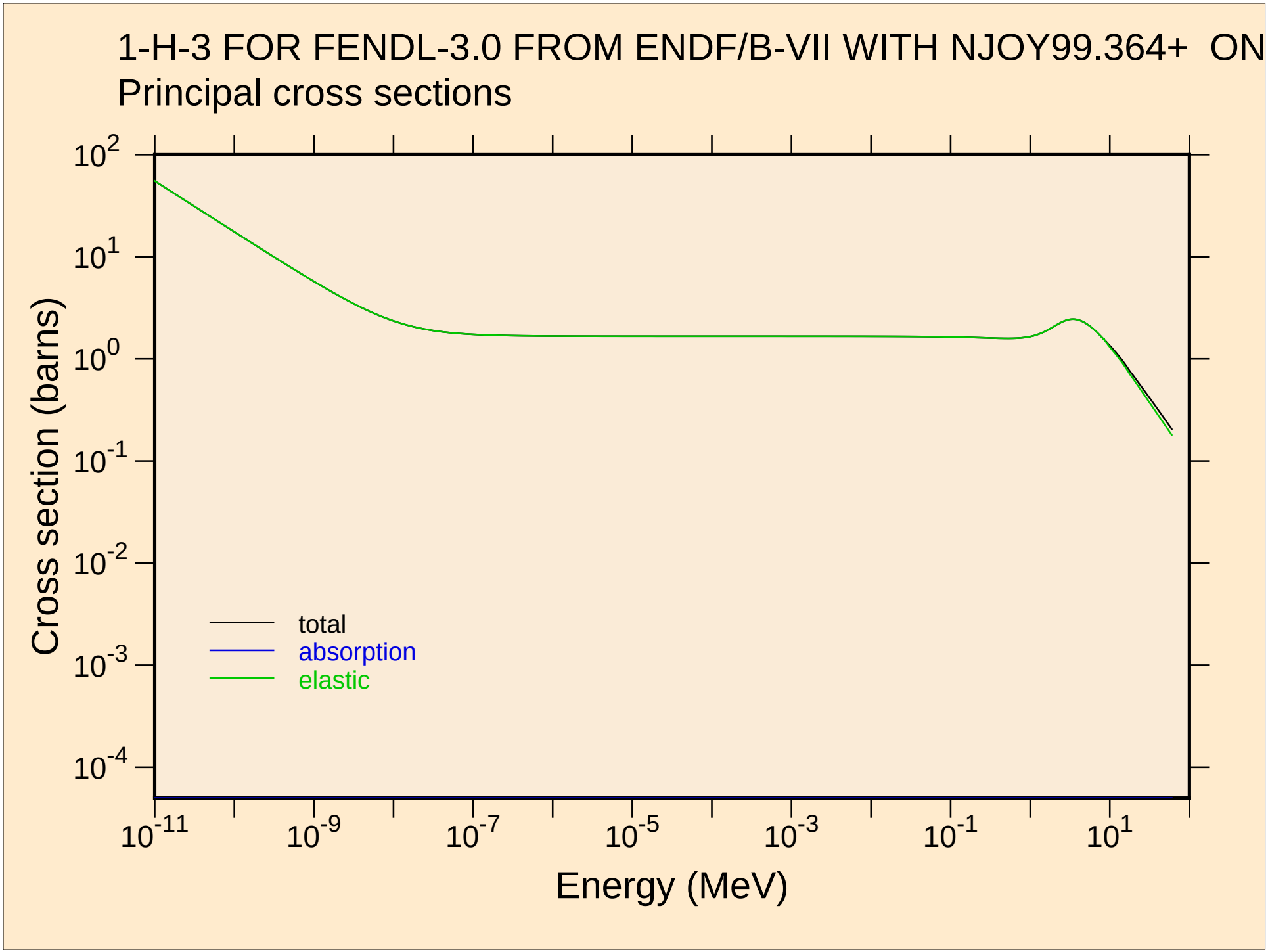
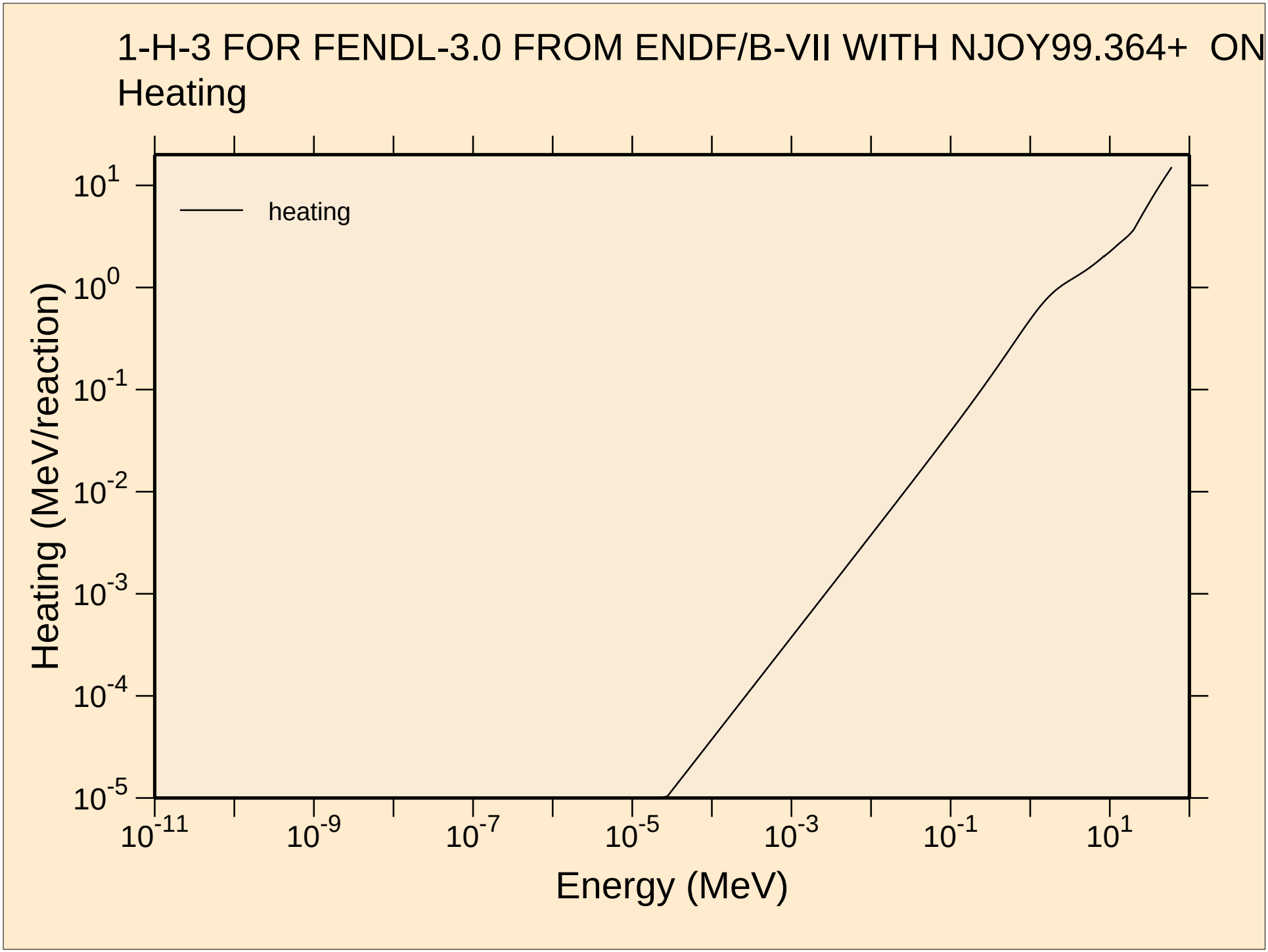
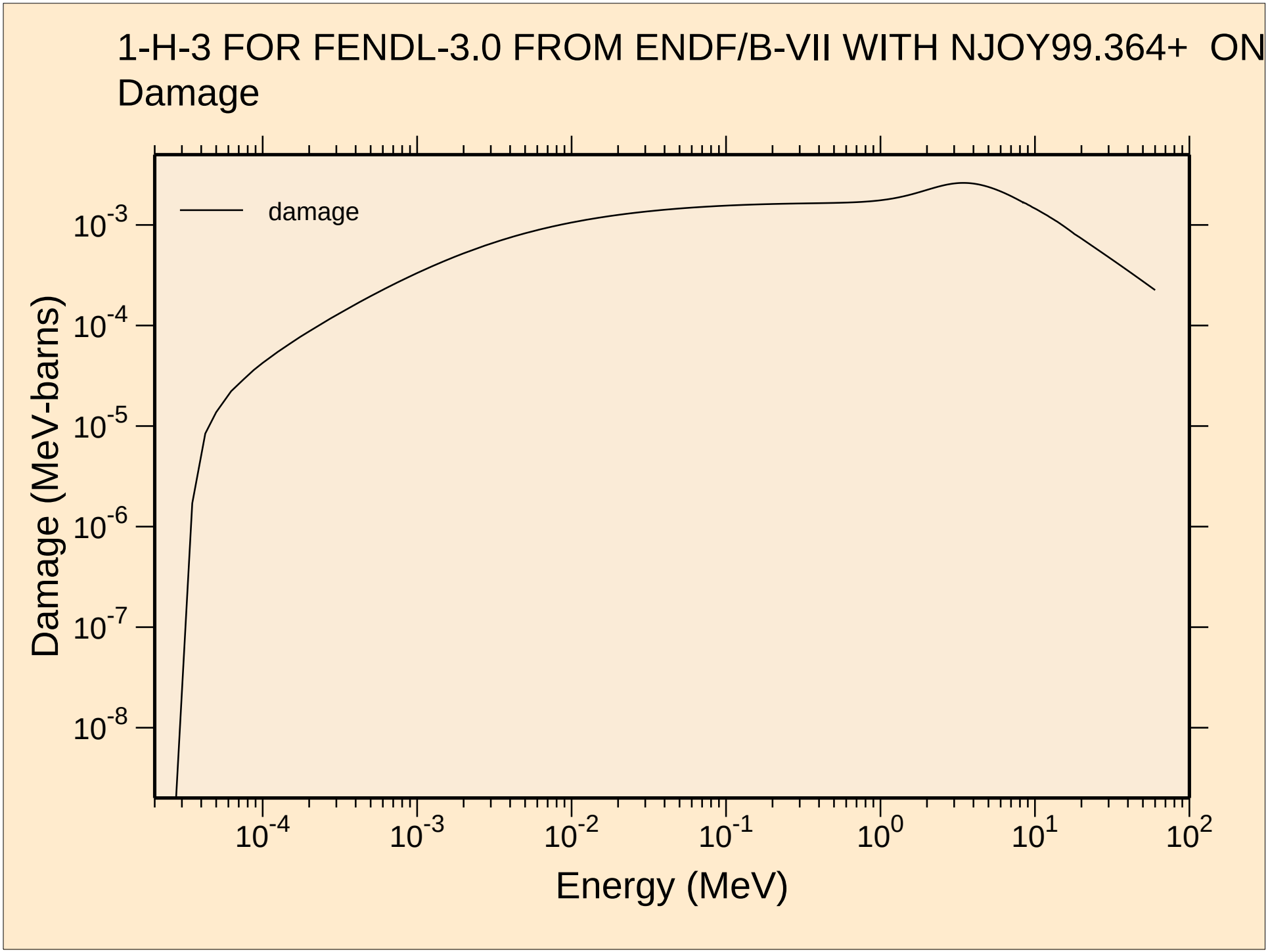
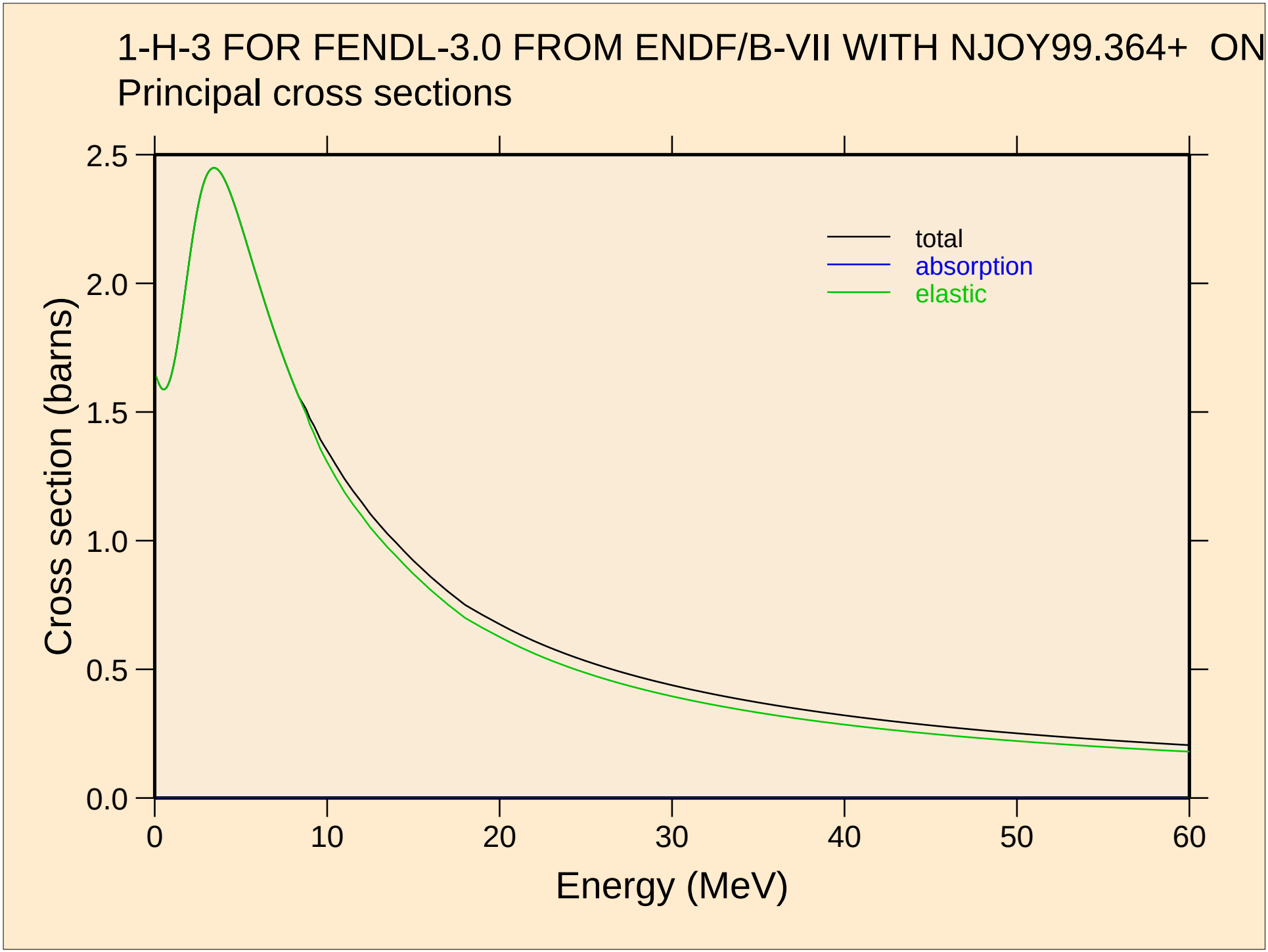
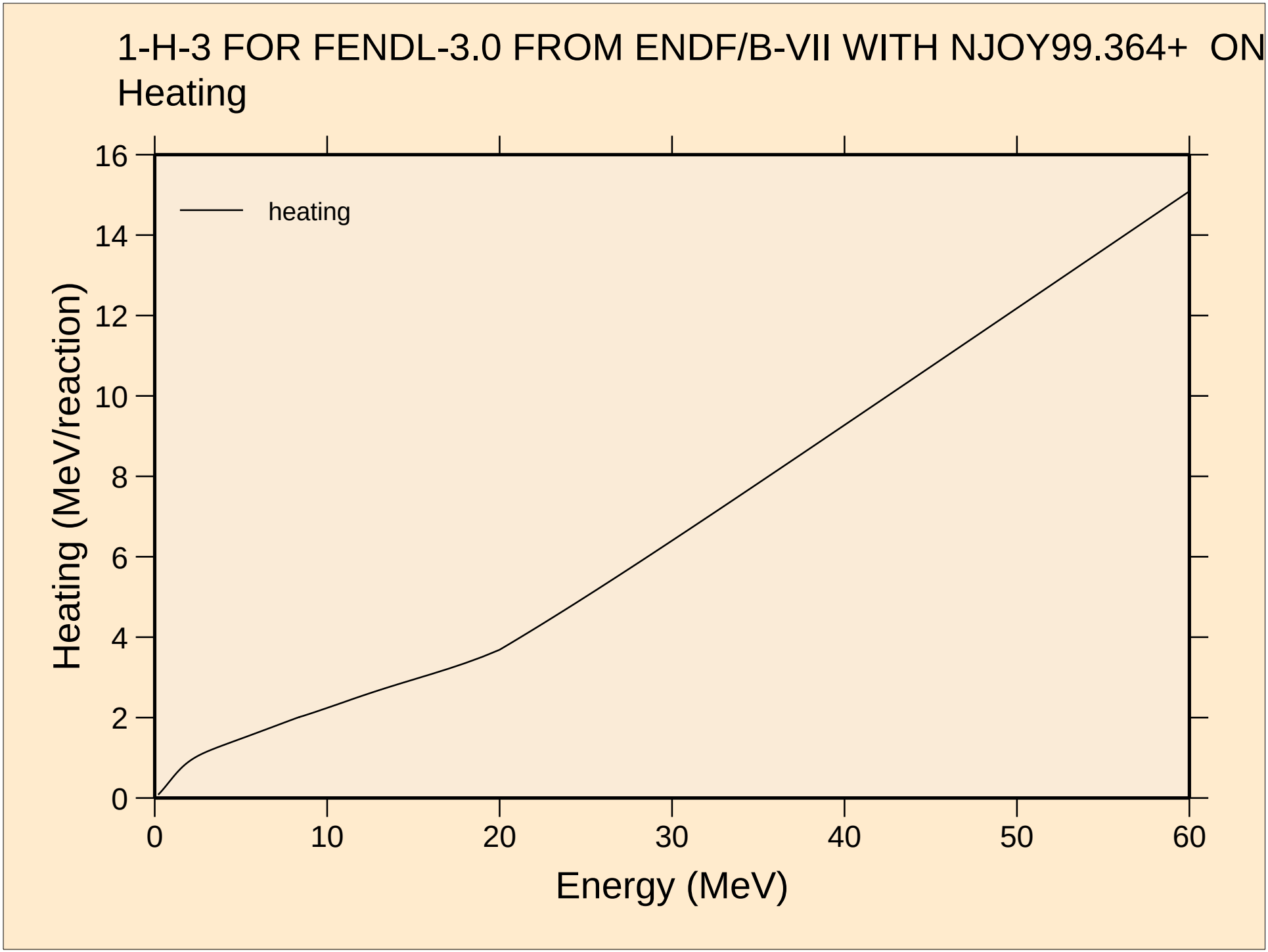
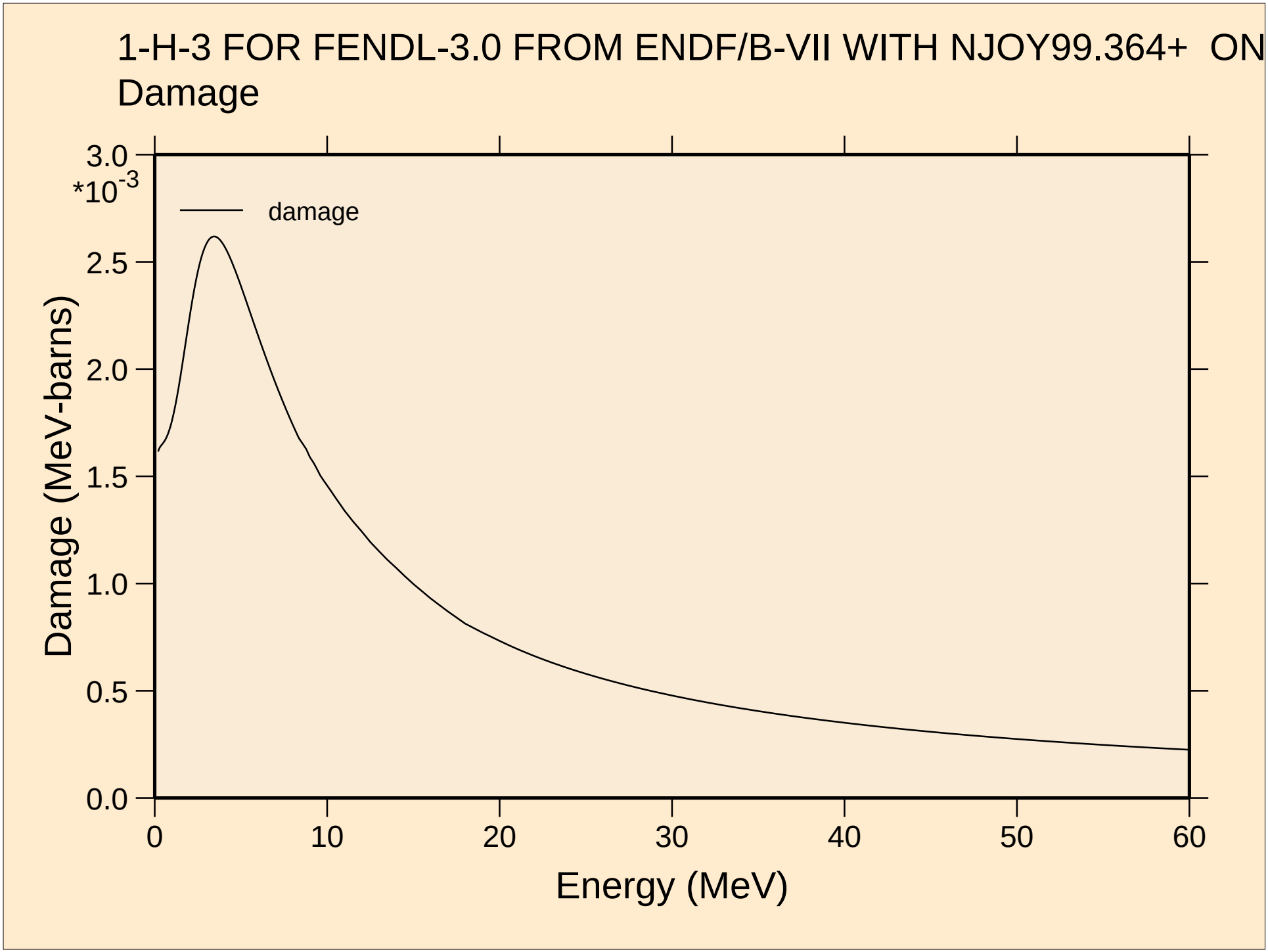

1-H-3 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ ON
Principal cross sections
Cross section (barns)
10^{2}
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
total
absorption
elastic
10^{-11}
10^{-9}
10^{-7}
10^{-5}
10^{-3}
10^{-1}
10^{1}
Energy (MeV)

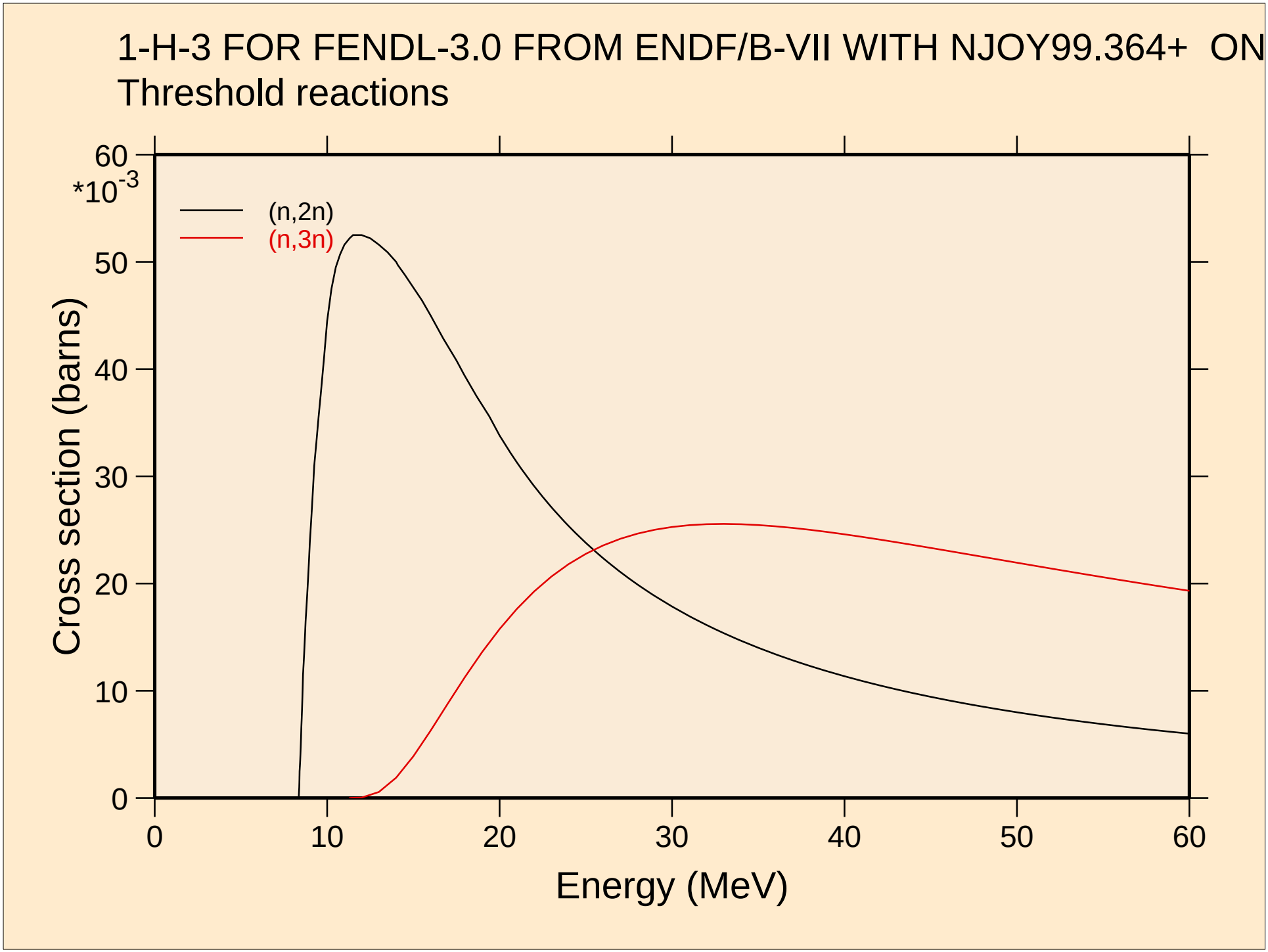

1-H-3 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ ON
Heating
heating
Heating (MeV/reaction)
Energy (MeV)
10^1
10^0
10^-1
10^-2
10^-3
10^-4
10^-5
10^-11
10^-9
10^-7
10^-5
10^-3
10^-1
10^1

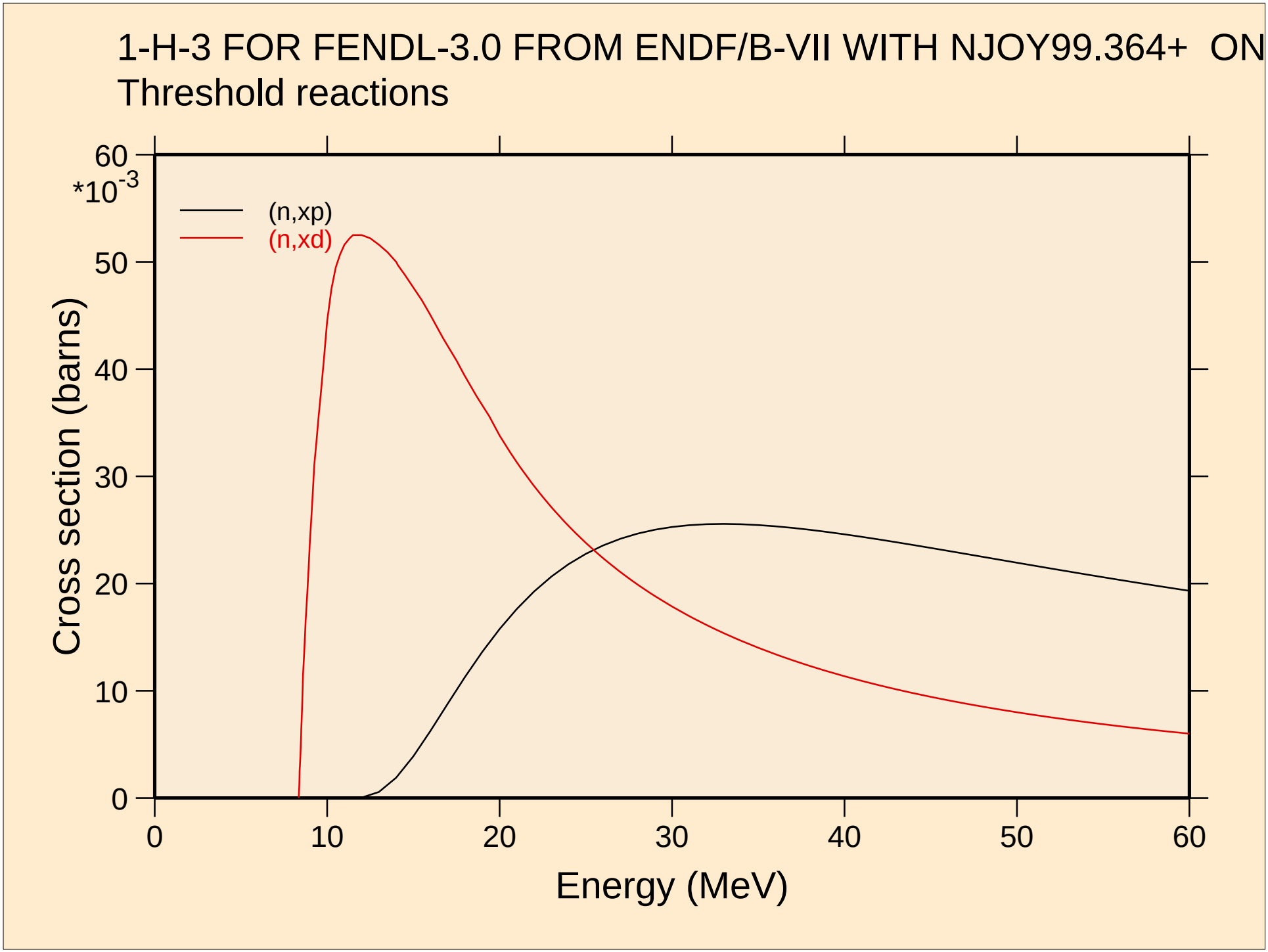

1-H-3 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ ON
Damage
damage
Damage (MeV-barns)
10-3
10-4
10-5
10-6
10-7
10-8
10-4
10-3
10-2
10-1
100
101
102
Energy (MeV)

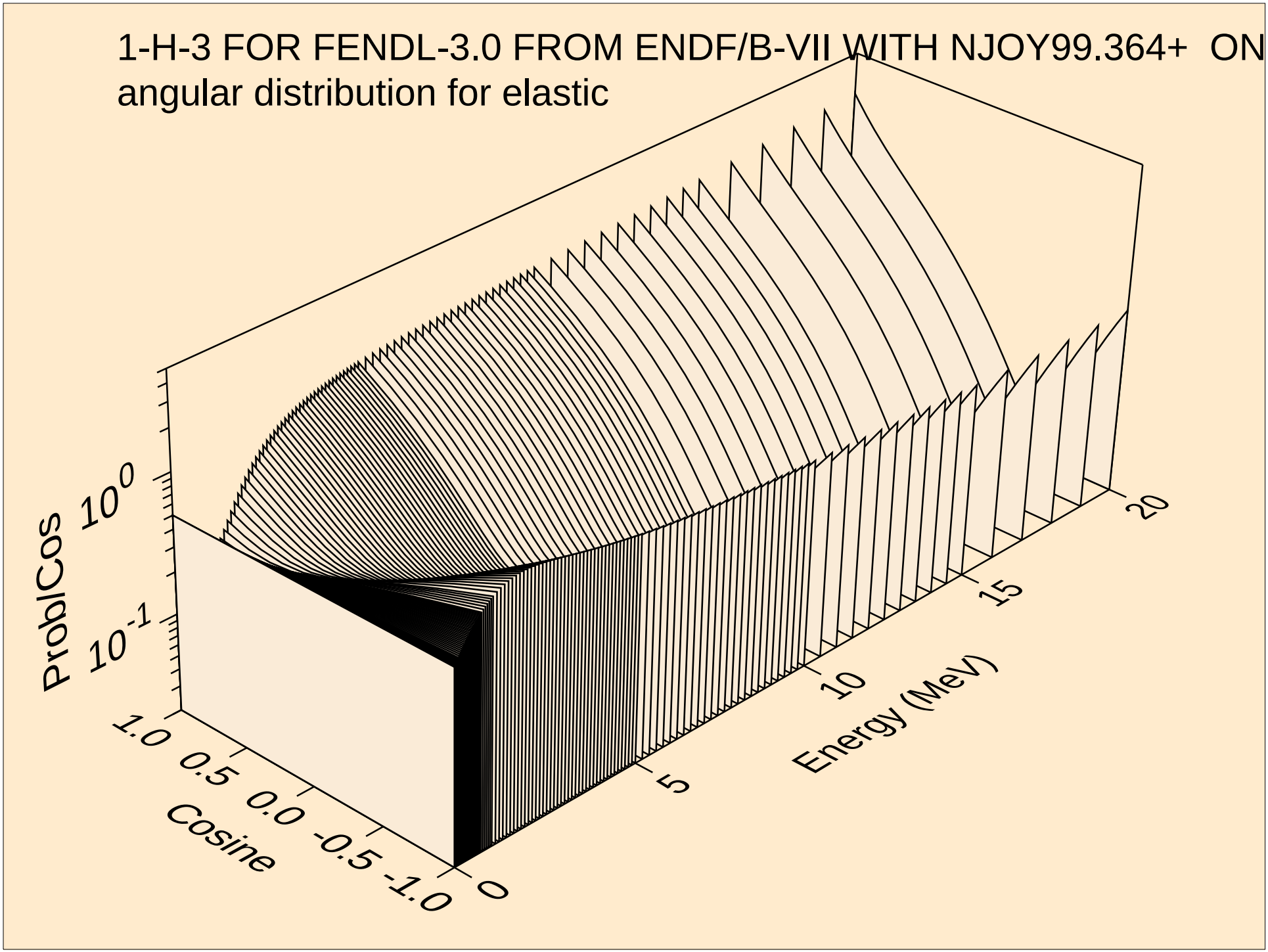

1-H-3 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ ON
Principal cross sections
Cross section (barns)
Energy (MeV)
total
absorption
elastic
0.0
0.5
1.0
1.5
2.0
2.5
0
10
20
30
40
50
60

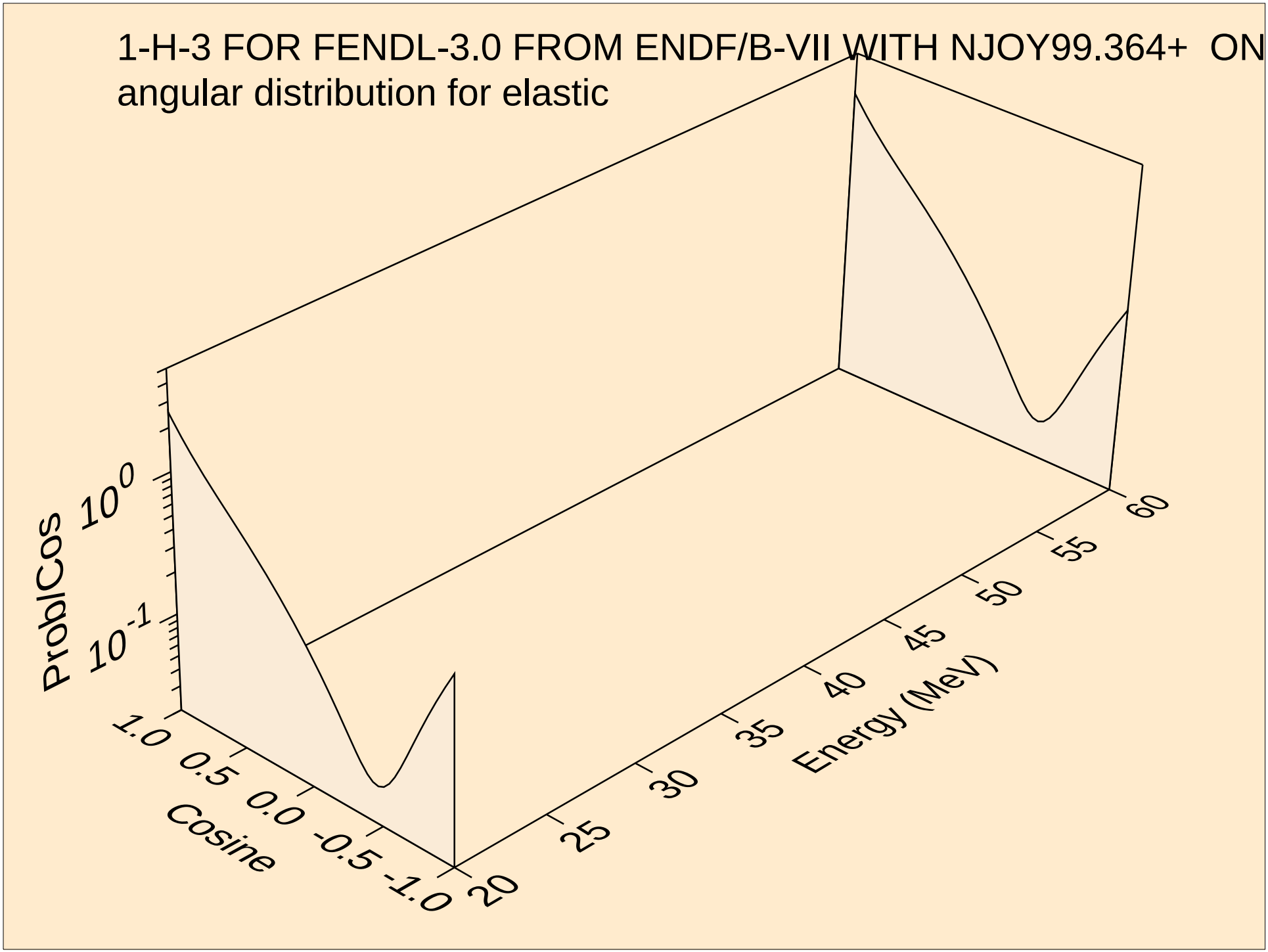

1-H-3 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ ON
Heating
heating
Heating (MeV/reaction)
Energy (MeV)
0
2
4
6
8
10
12
14
16
0
10
20
30
40
50
60

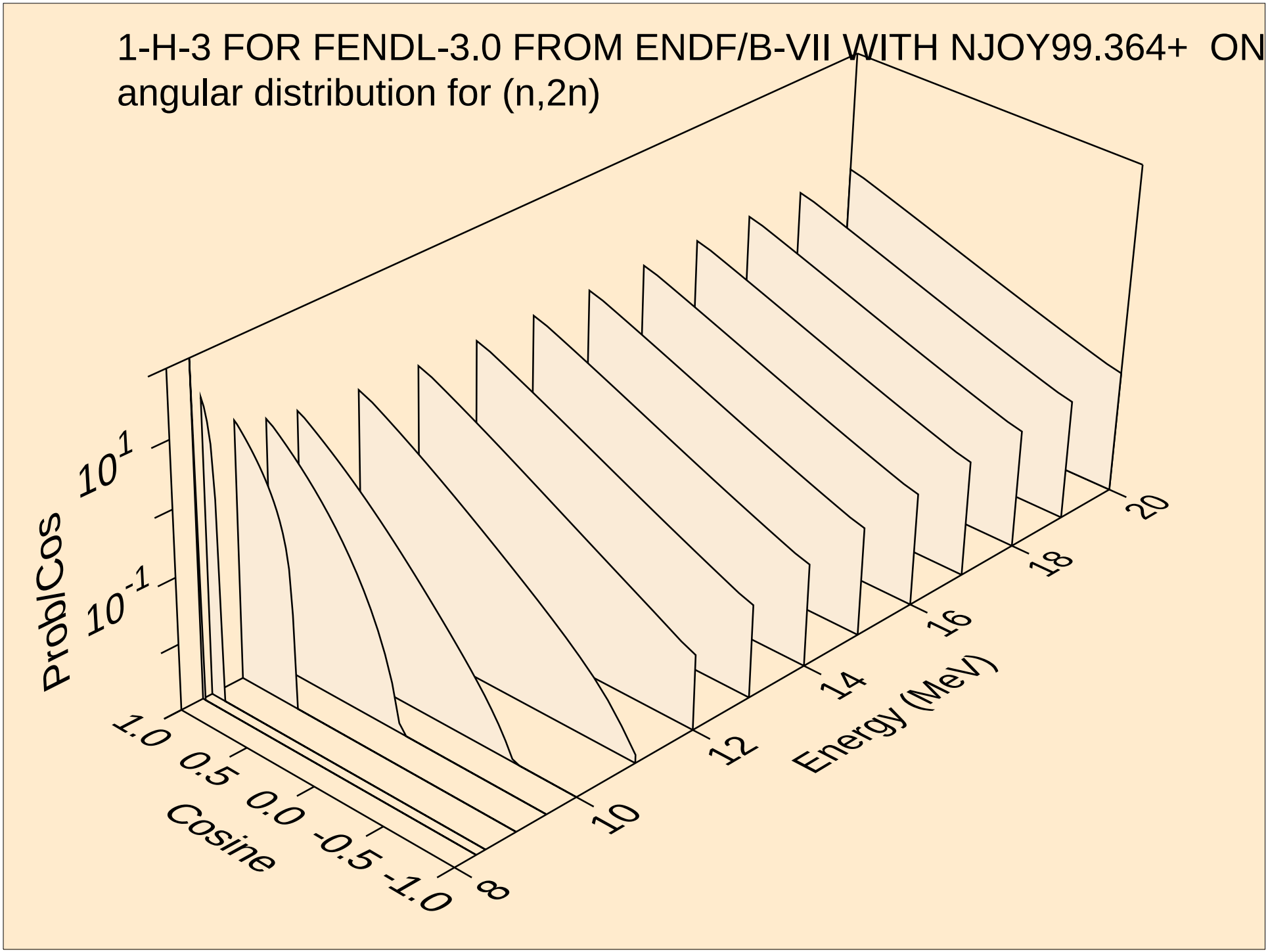

1-H-3 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ ON
Damage
3.0
*10-3
2.5
2.0
1.5
1.0
0.5
0.0
damage
Damage (MeV-barns)
0
10
20
30
40
50
60
Energy (MeV)

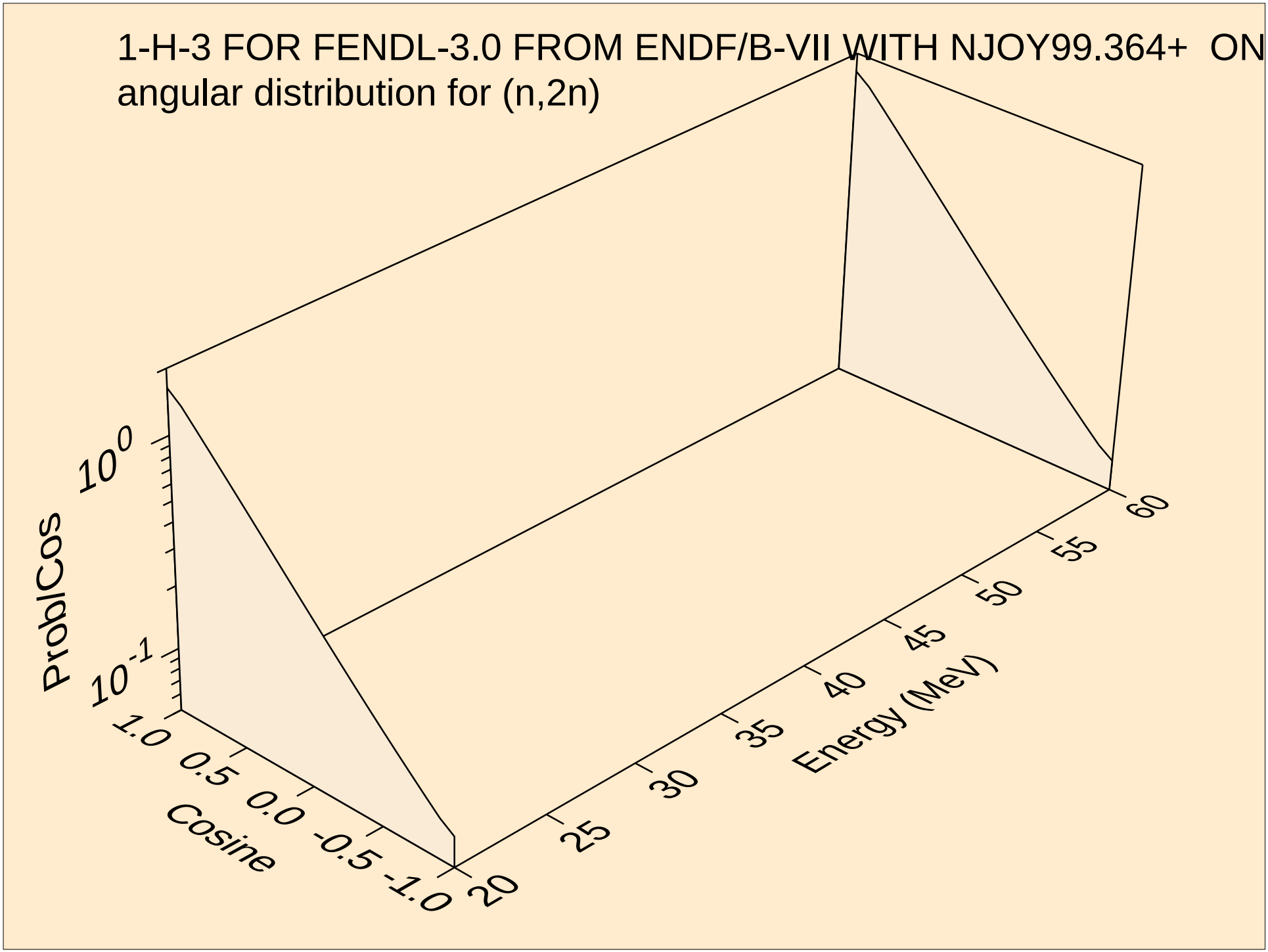

1-H-3 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ ON
Threshold reactions
*10-3
(n,2n)
(n,3n)
Cross section (barns)
Energy (MeV)
0
10
20
30
40
50
60

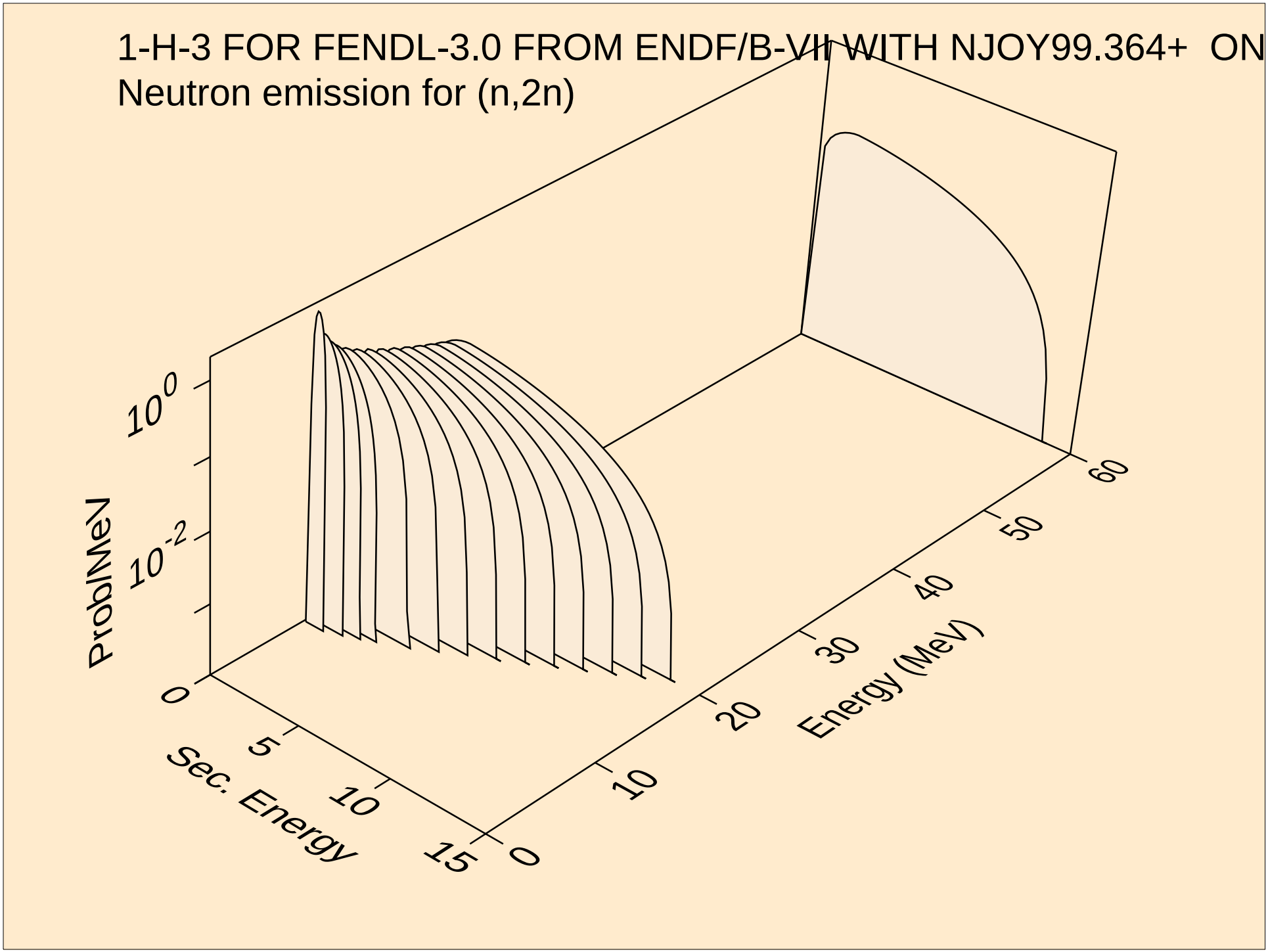

1-H-3 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ ON
Threshold reactions
*10-3
(n,xp)
(n,xd)
Cross section (barns)
Energy (MeV)
0
10
20
30
40
50
60


1-H-3 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ ON
angular distribution for elastic
ProbICos
10^{0}
10^{-1}
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
5
10
15
20
Energy (MeV)


1-H-3 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ ON
angular distribution for elastic
ProbICos
10^{0}
10^{-1}
1.0
0.5
0.0
-0.5
-1.0
Cosine
20
25
30
35
40
45
50
55
60
Energy (MeV)


1-H-3 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ ON
angular distribution for (n,2n)
Prob\Cos
10^{1}
10^{-1}
1.0
0.5
0.0
-0.5
-1.0
Cosine
8
10
12
14
16
18
20
Energy (MeV)


1-H-3 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ ON
angular distribution for (n,2n)
ProbICos
10^0
10^-1
1.0
0.5
0.0
-0.5
-1.0
Cosine
20
25
30
35
40
45
50
55
60
Energy (MeV)


1-H-3 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ ON
Neutron emission for (n,2n)
Prob/MeV
10^0
10^-2
0
5
10
15
Sec. Energy
0
10
20
30
40
50
60
Energy (MeV)