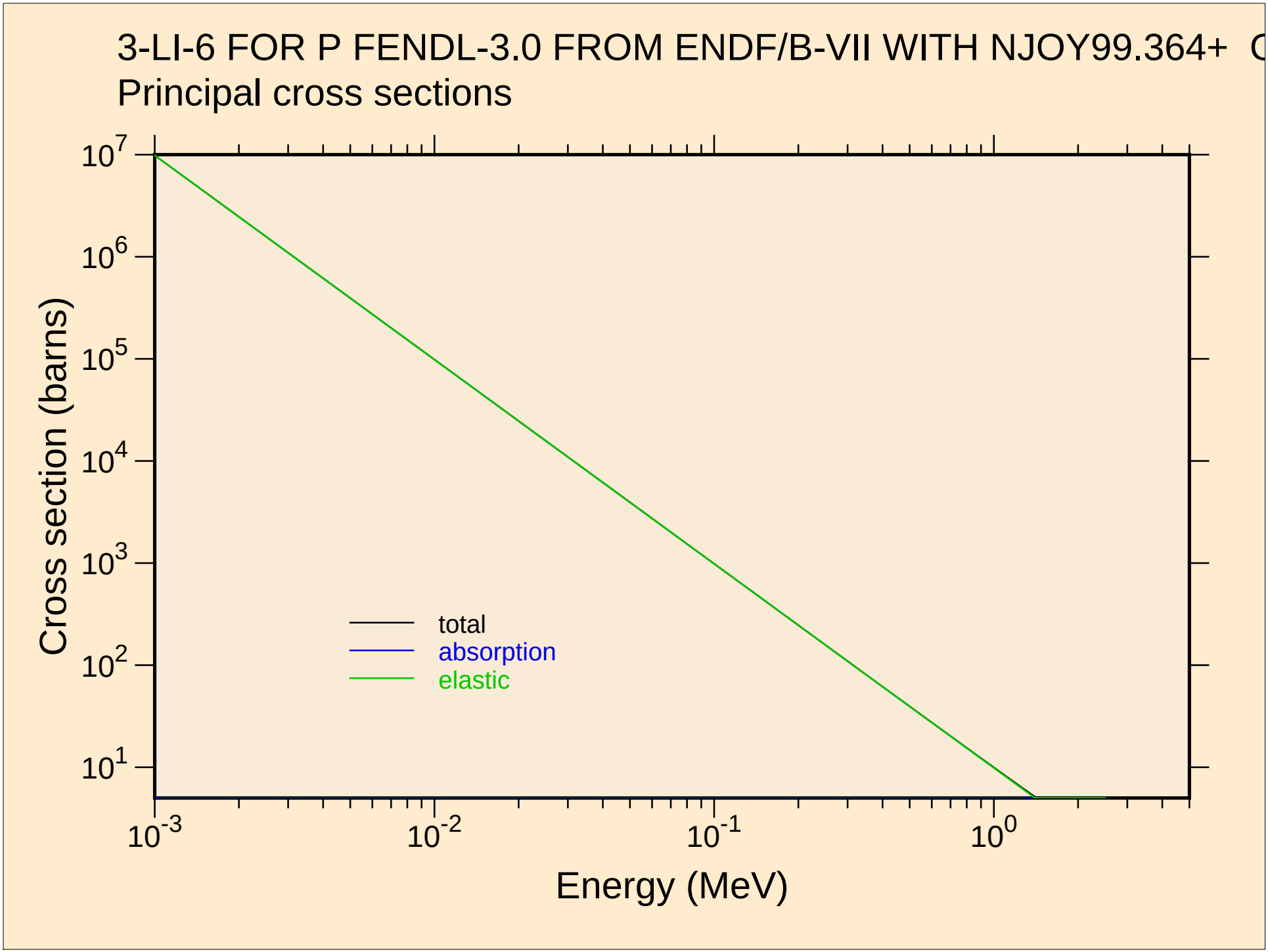
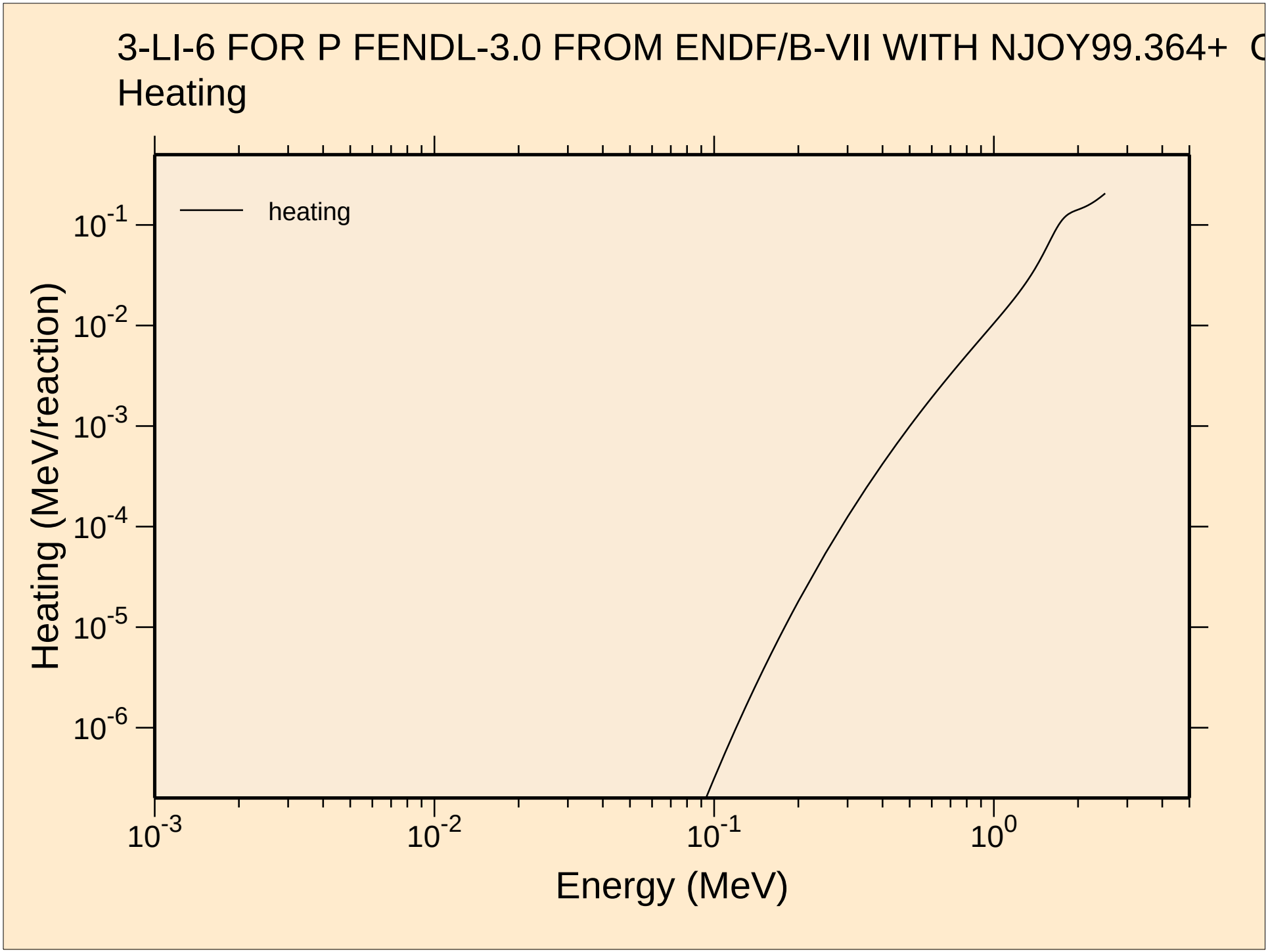
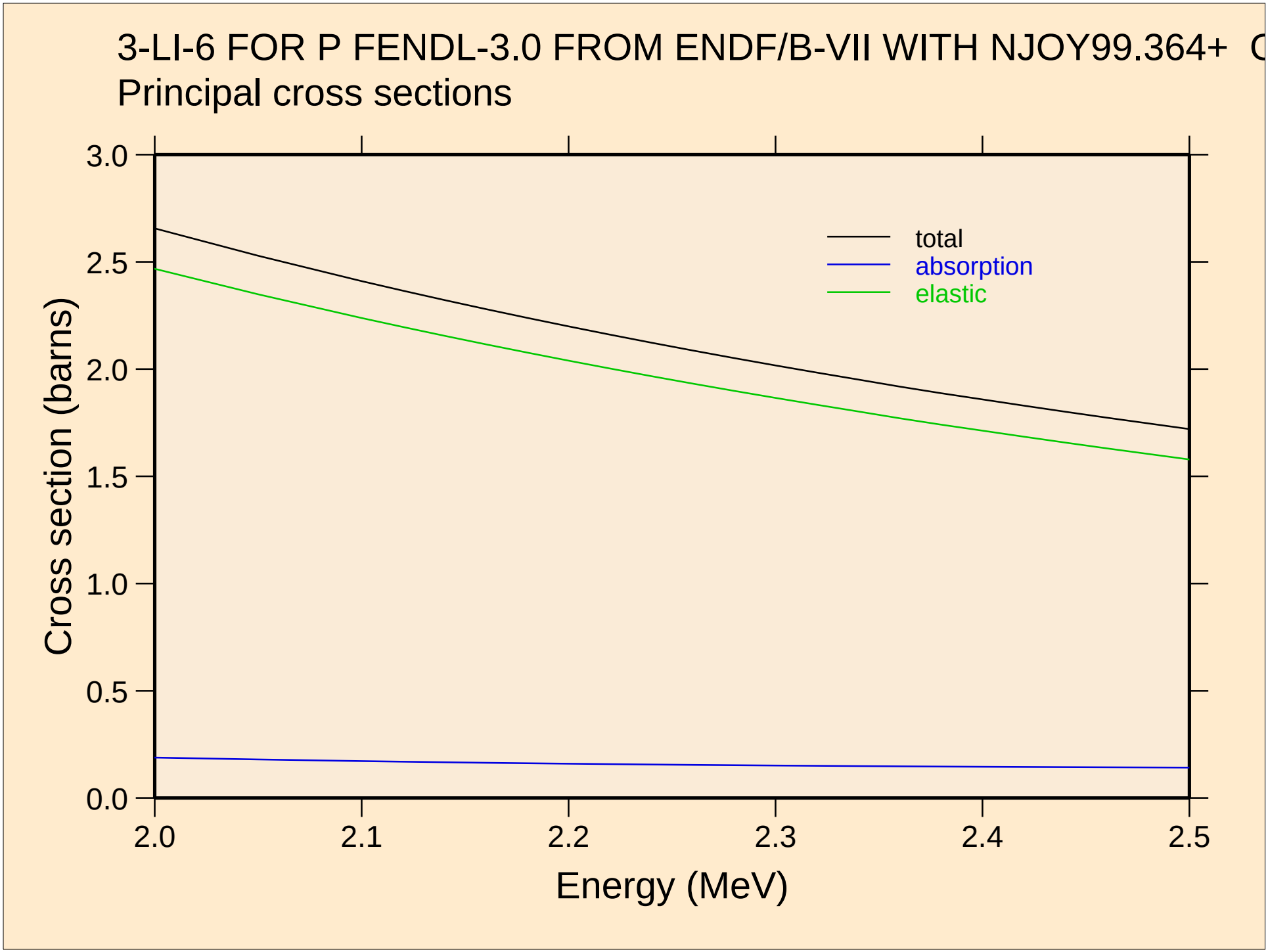
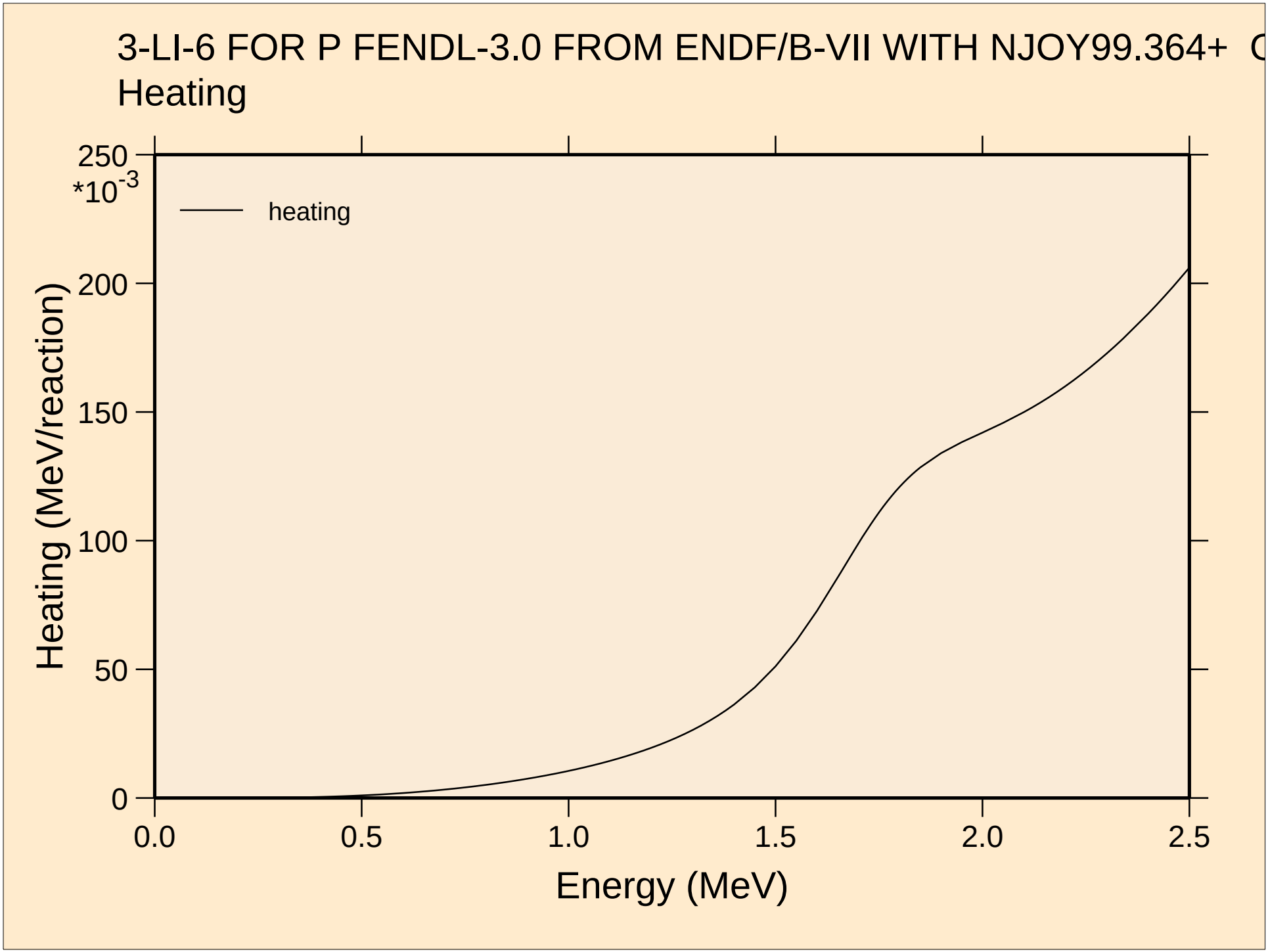
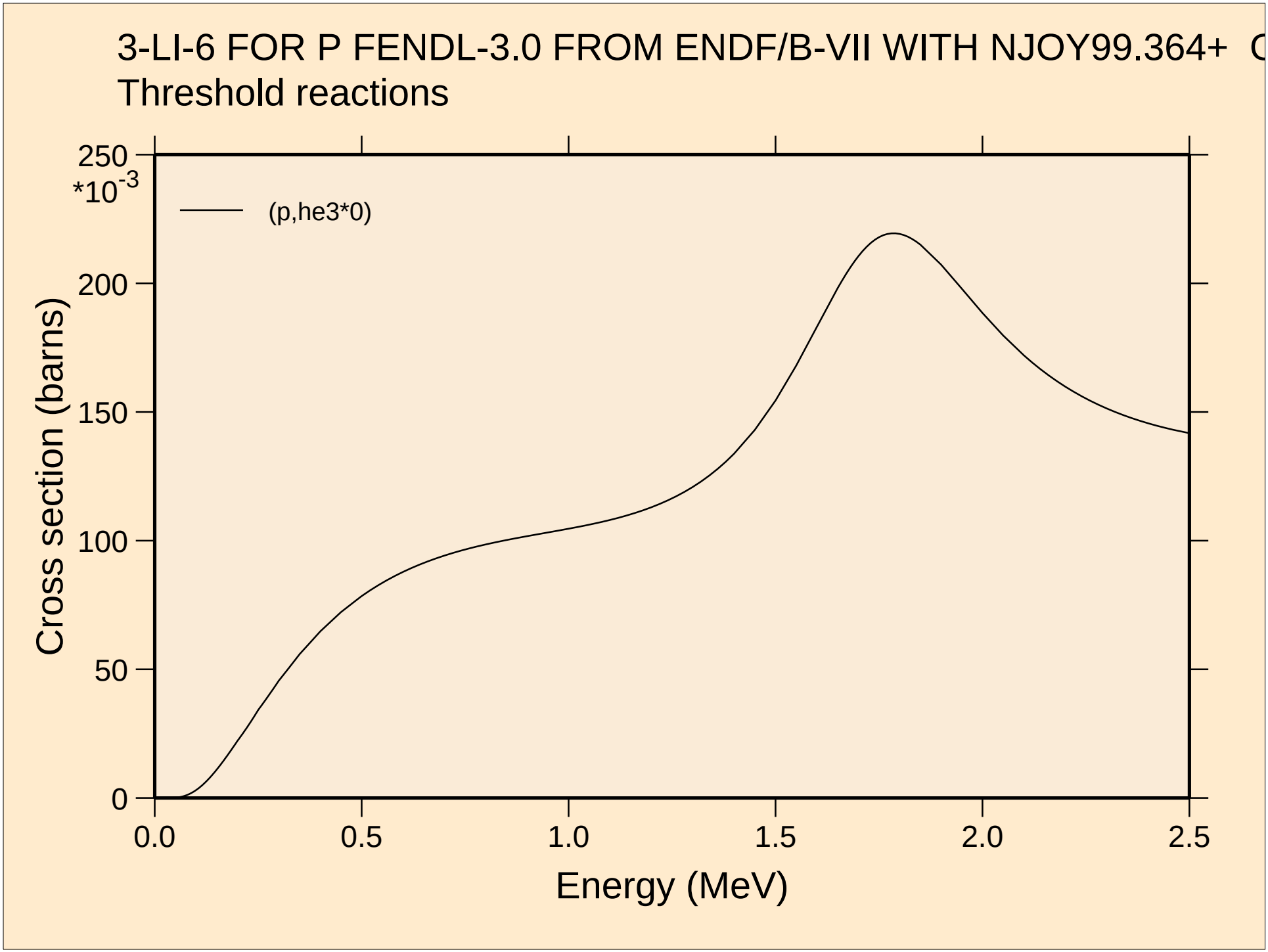
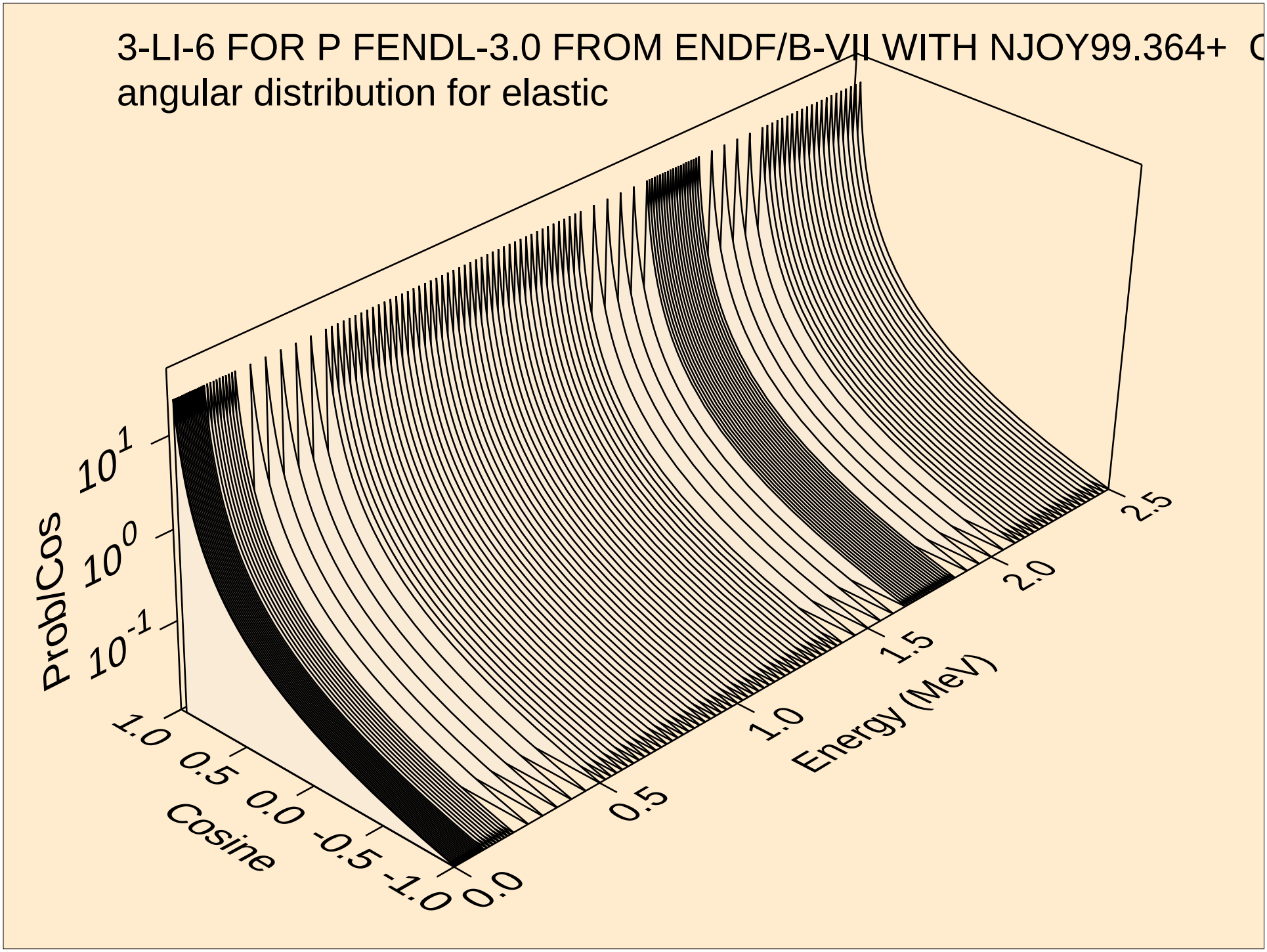

3-LI-6 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ C
Principal cross sections
Cross section (barns)
10^7
10^6
10^5
10^4
10^3
10^2
10^1
total
absorption
elastic
10^{-3}
10^{-2}
10^{-1}
10^0
Energy (MeV)

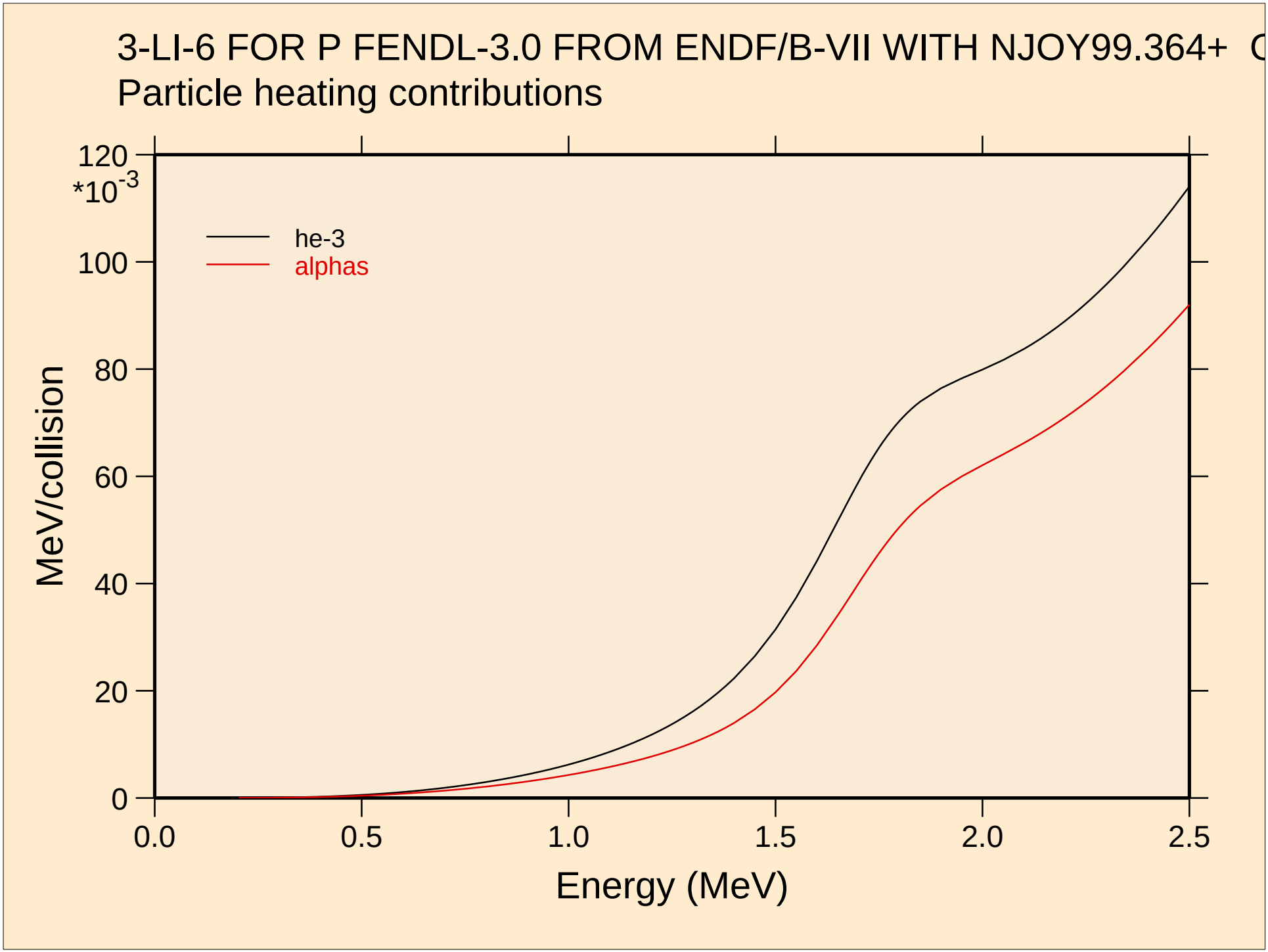

3-LI-6 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ C
Heating
heating
Heating (MeV/reaction)
10-1
10-2
10-3
10-4
10-5
10-6
10-3
10-2
10-1
100
Energy (MeV)

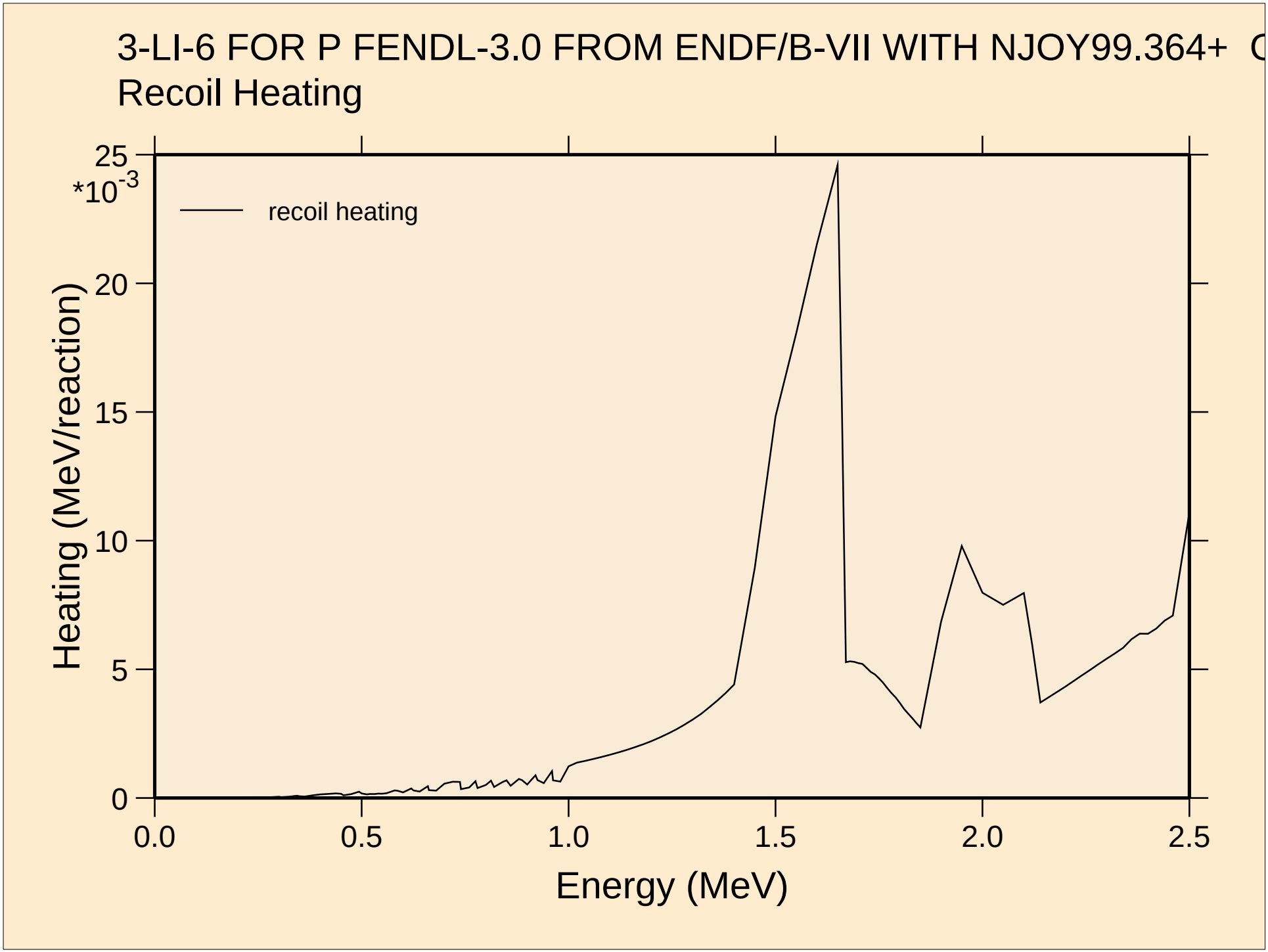

3-LI-6 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ C
Principal cross sections
Cross section (barns)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2.0
2.1
2.2
2.3
2.4
2.5
Energy (MeV)
total
absorption
elastic

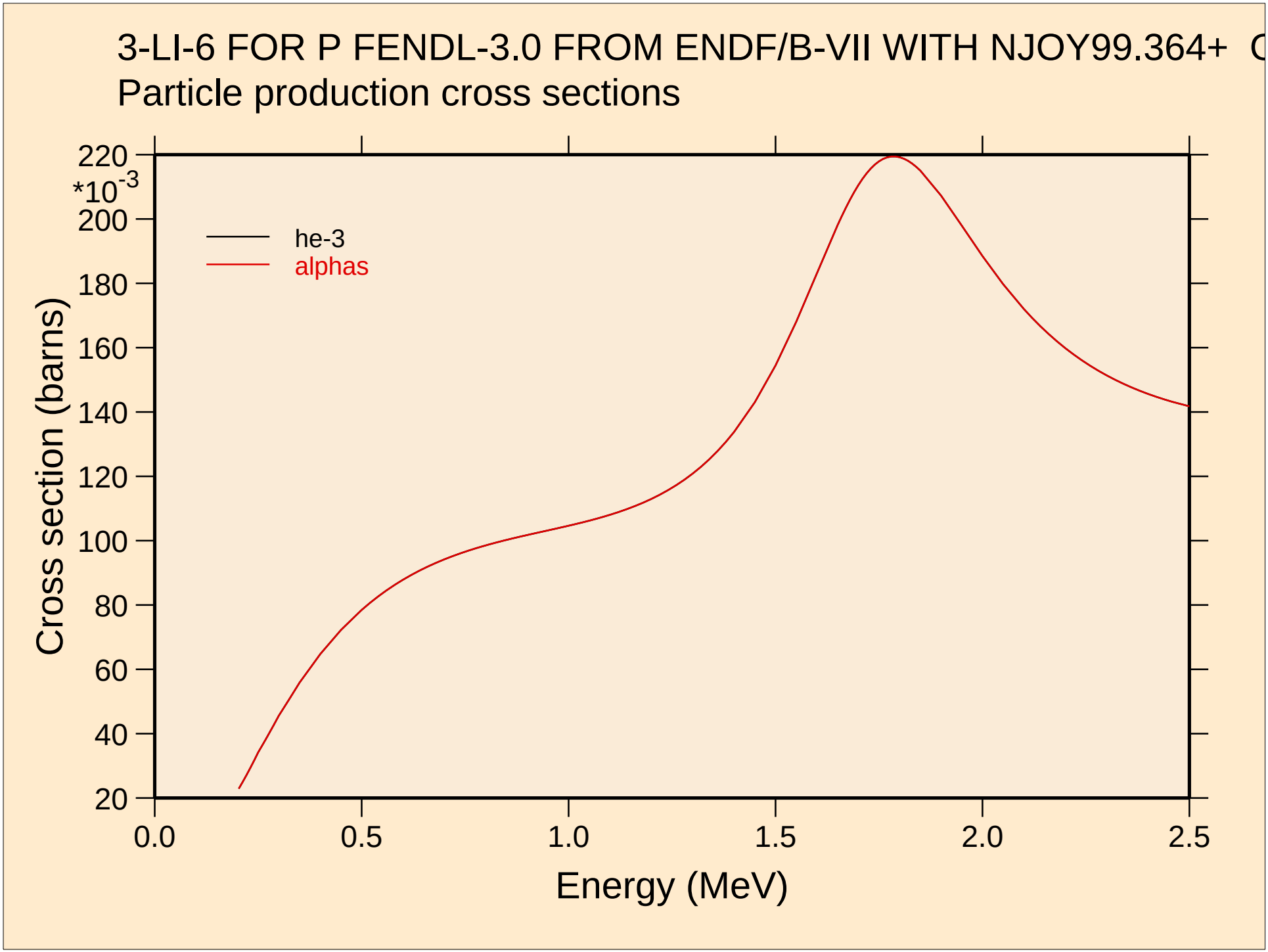

3-LI-6 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ C
Heating
250
*10-3
heating
200
150
100
50
0
Heating (MeV/reaction)
0.0
0.5
1.0
1.5
2.0
2.5
Energy (MeV)

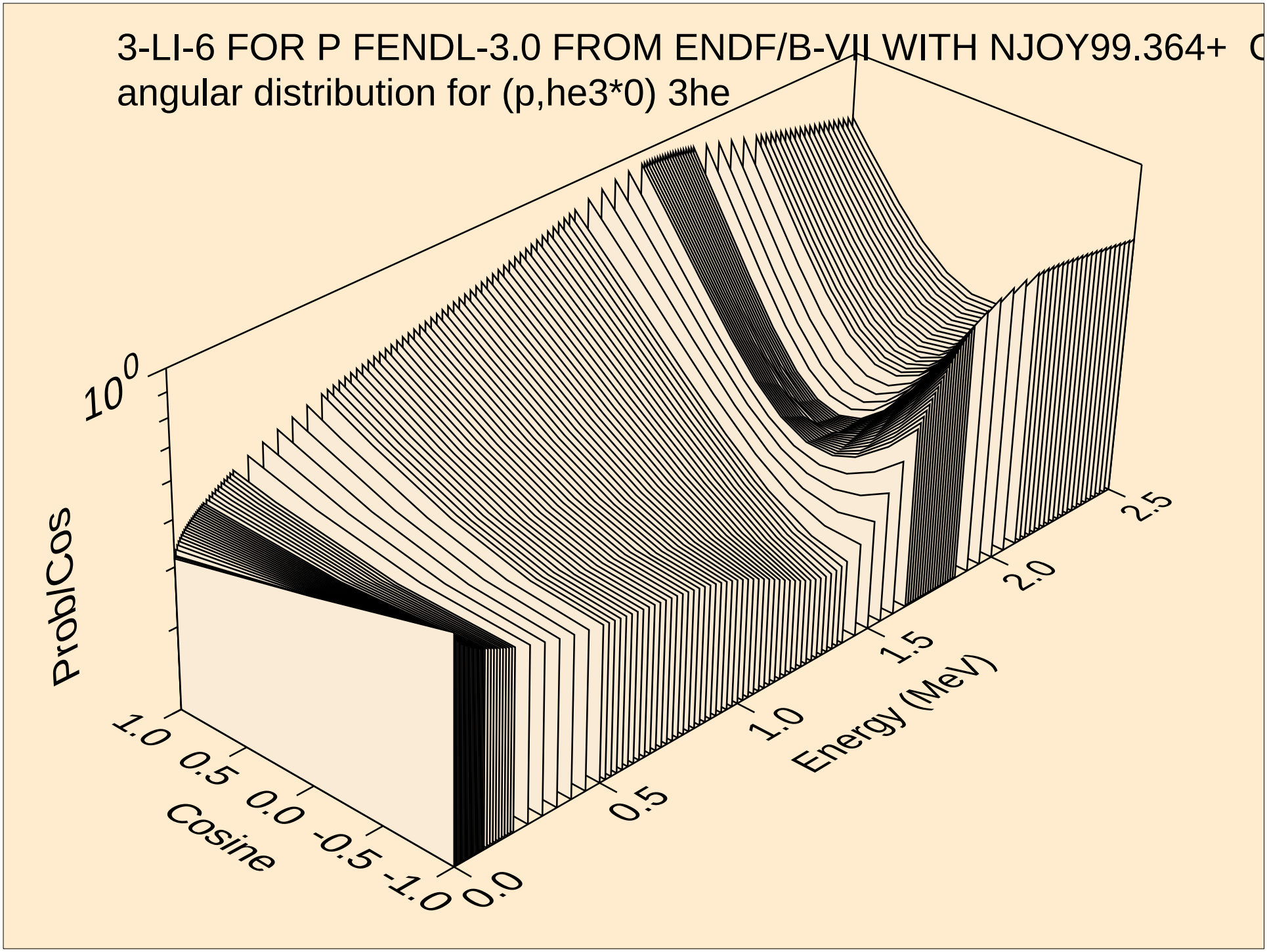

3-LI-6 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ C
Threshold reactions
250
*10-3
200
150
100
50
0
(p,he3*0)
Cross section (barns)
0.0
0.5
1.0
1.5
2.0
2.5
Energy (MeV)

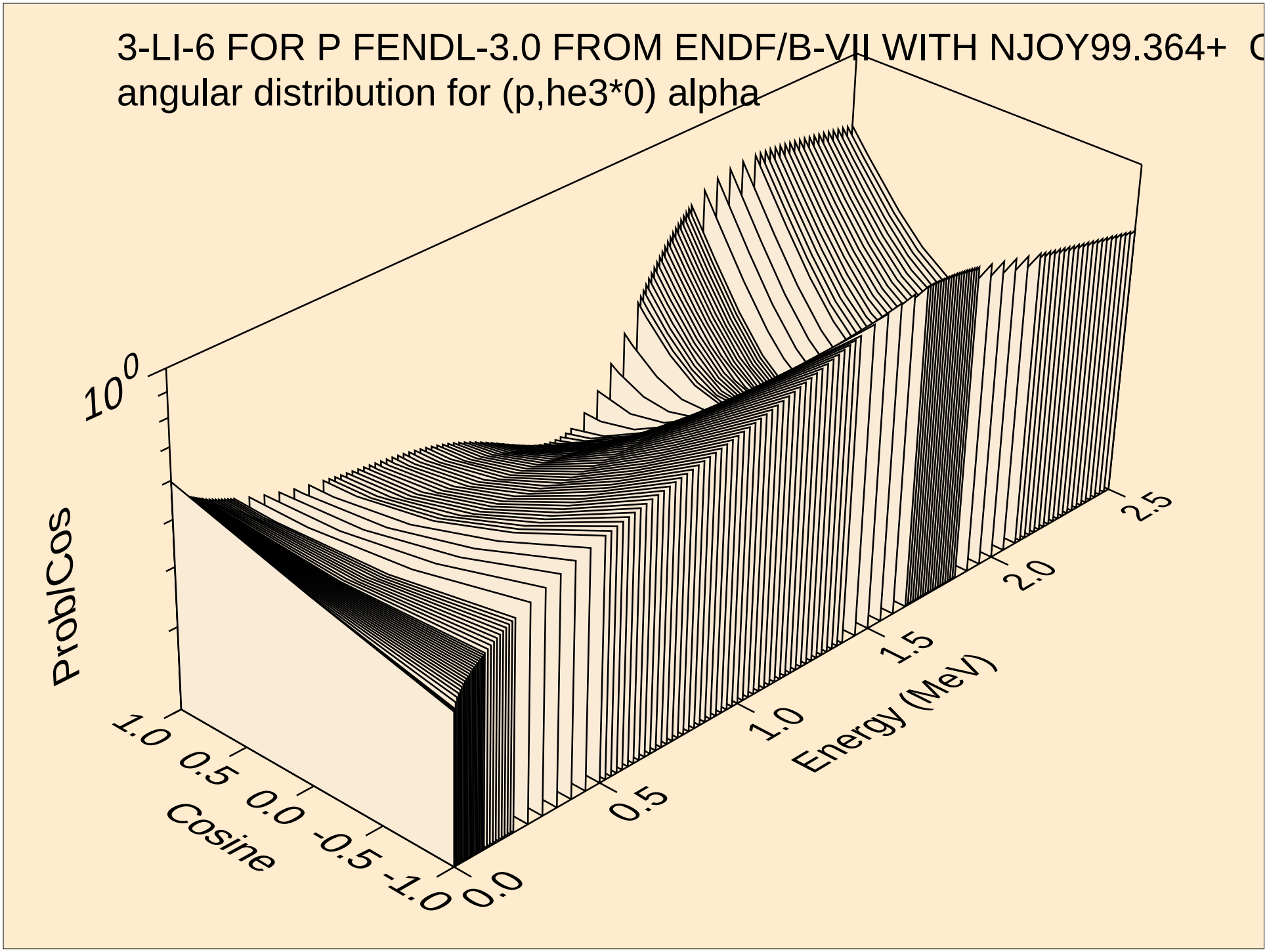

3-LI-6 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ C
angular distribution for elastic
ProbICos
10^1
10^0
10^-1
1.0
0.5
0.0
-0.5
-1.0
Cosine
0.0
0.5
1.0
1.5
2.0
2.5
Energy (MeV)


3-LI-6 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ C
Particle heating contributions
120
*10-3
100
80
60
40
20
0
MeV/collision
he-3
alphas
0.0
0.5
1.0
1.5
2.0
2.5
Energy (MeV)


3-LI-6 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ C
Recoil Heating
*10-3
recoil heating
Heating (MeV/reaction)
25
20
15
10
5
0
0.0
0.5
1.0
1.5
2.0
2.5
Energy (MeV)


3-LI-6 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ C
Particle production cross sections
*10-3
220
200
180
160
140
120
100
80
60
40
20
Cross section (barns)
he-3
alphas
0.0
0.5
1.0
1.5
2.0
2.5
Energy (MeV)


3-LI-6 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ C
angular distribution for (p,he3*0) 3he
10^0
ProbICos
1.0
0.5
0.0
-0.5
-1.0
Cosine
0.0
0.5
1.0
1.5
2.0
2.5
Energy (MeV)


3-LI-6 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ C
angular distribution for (p,he3*0) alpha
10^0
ProbICos
1.0
0.5
0.0
-0.5
-1.0
Cosine
0.0
0.5
1.0
1.5
2.0
2.5
Energy (MeV)