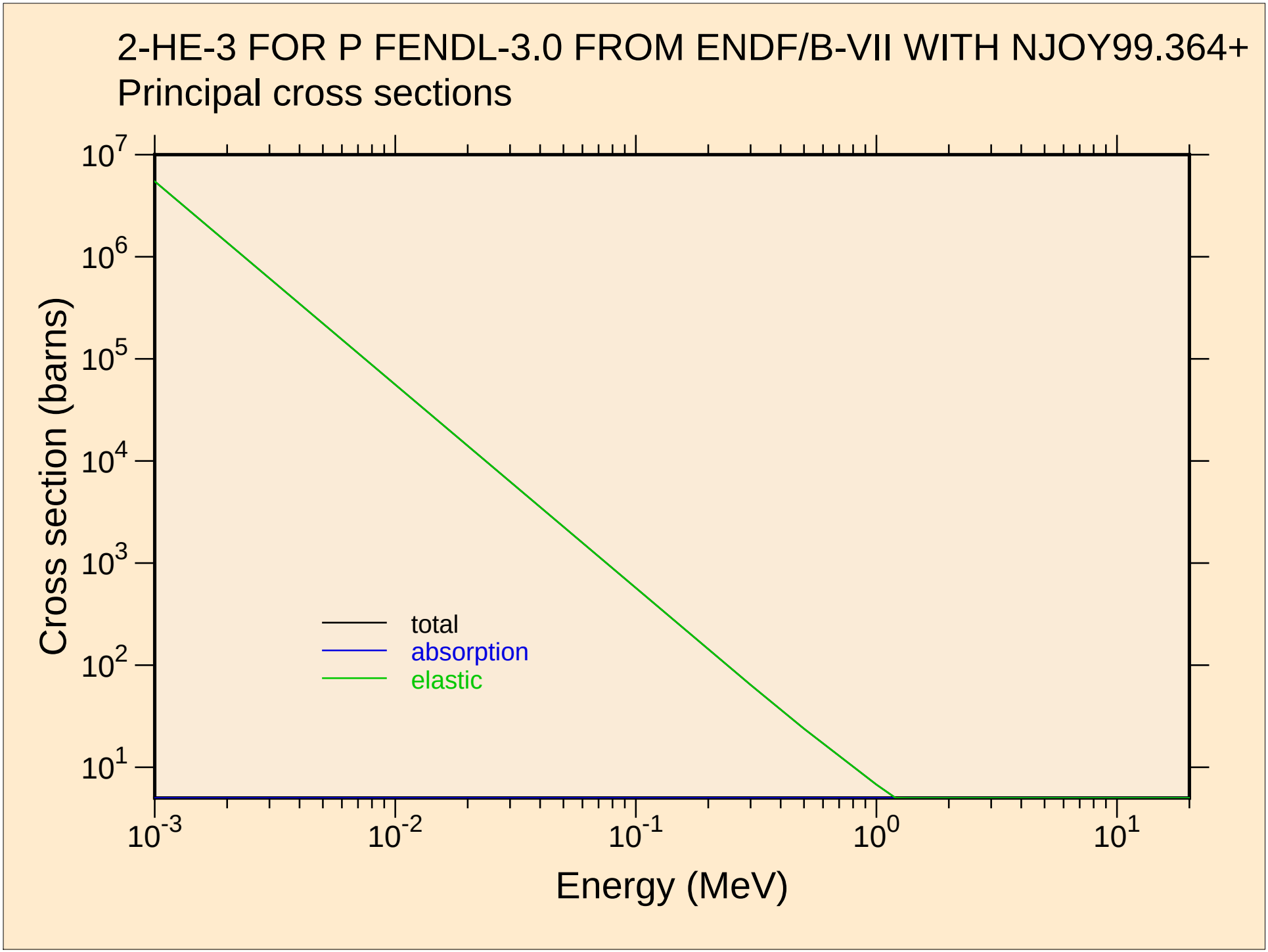
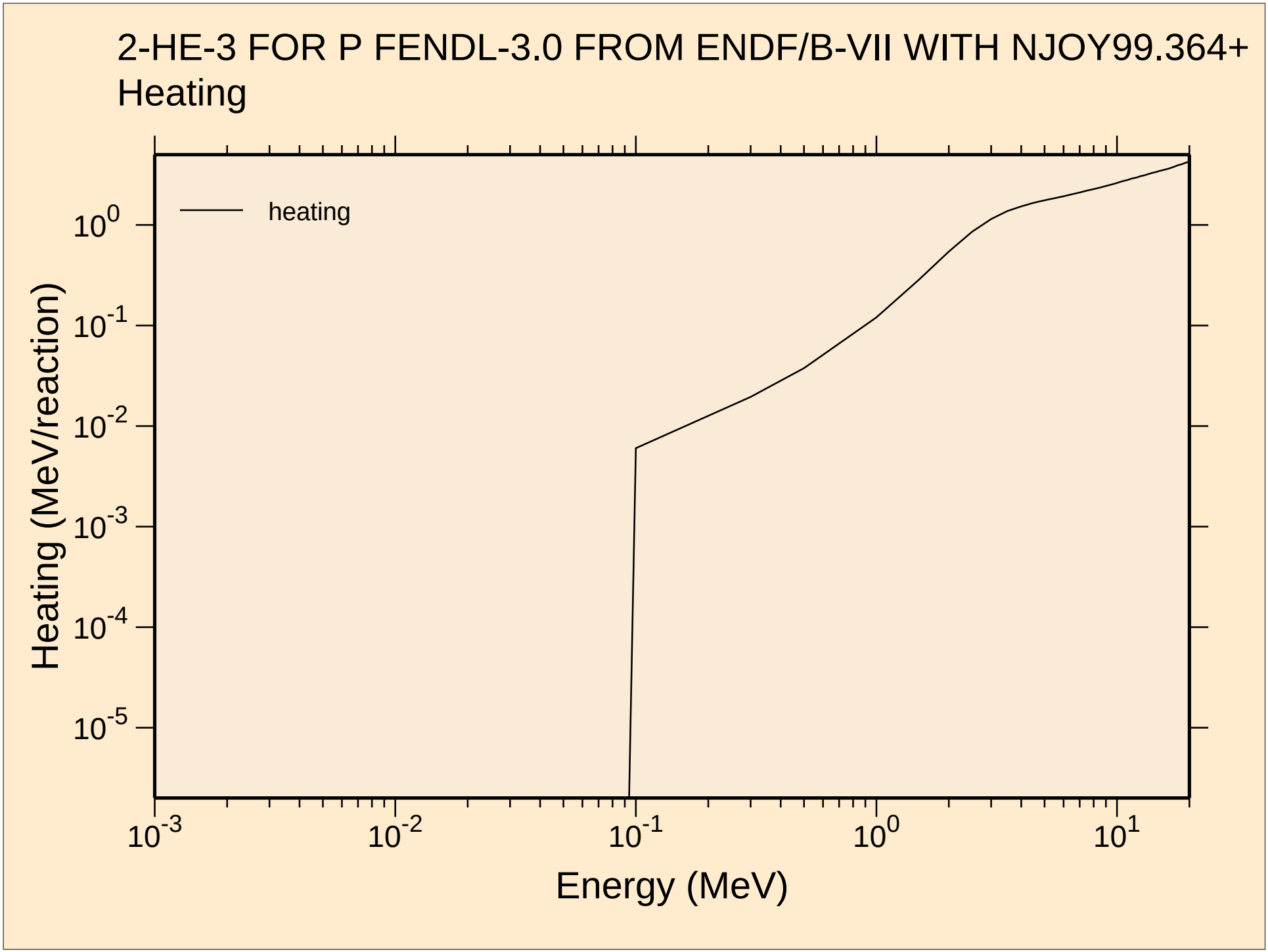
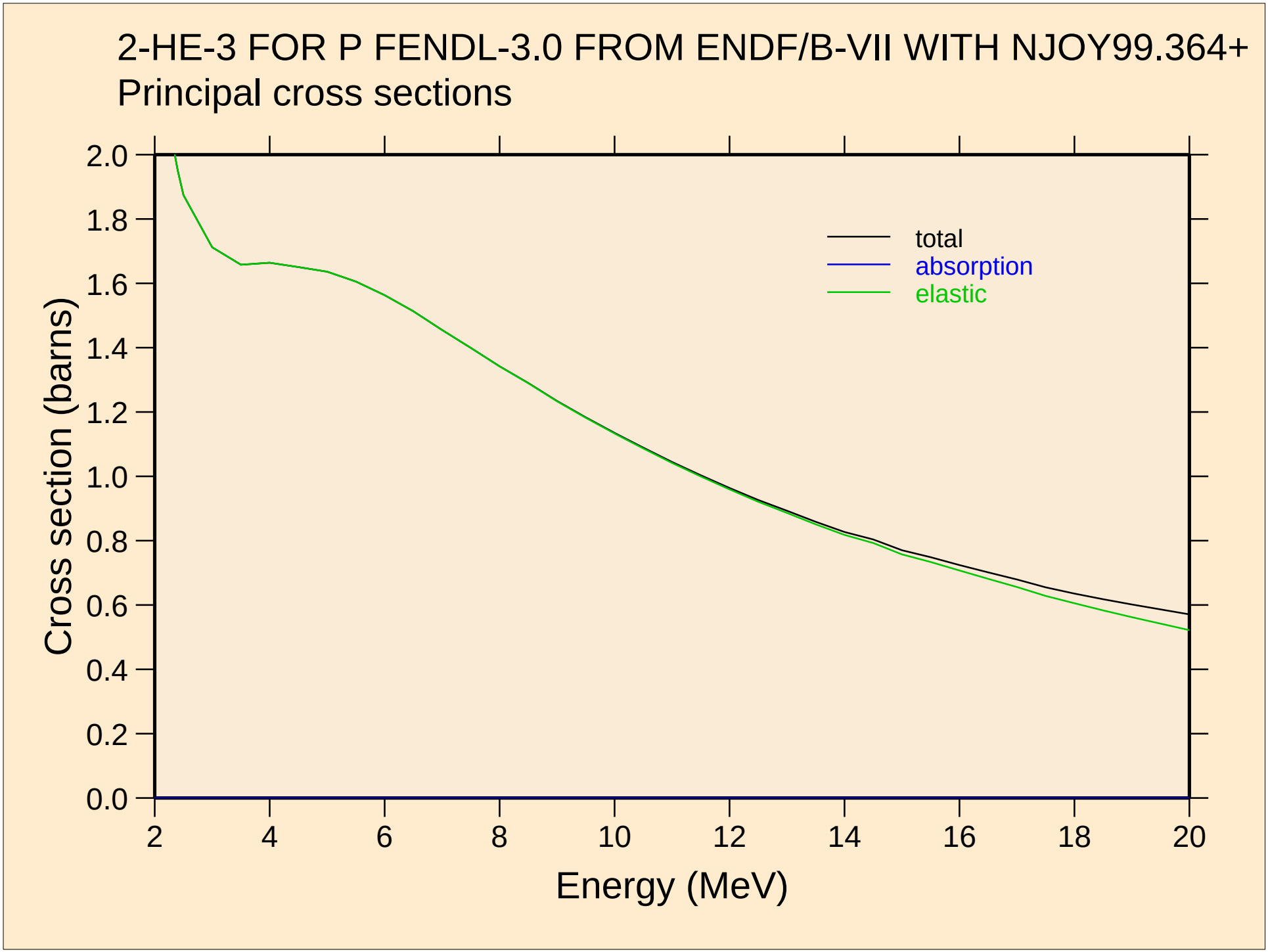
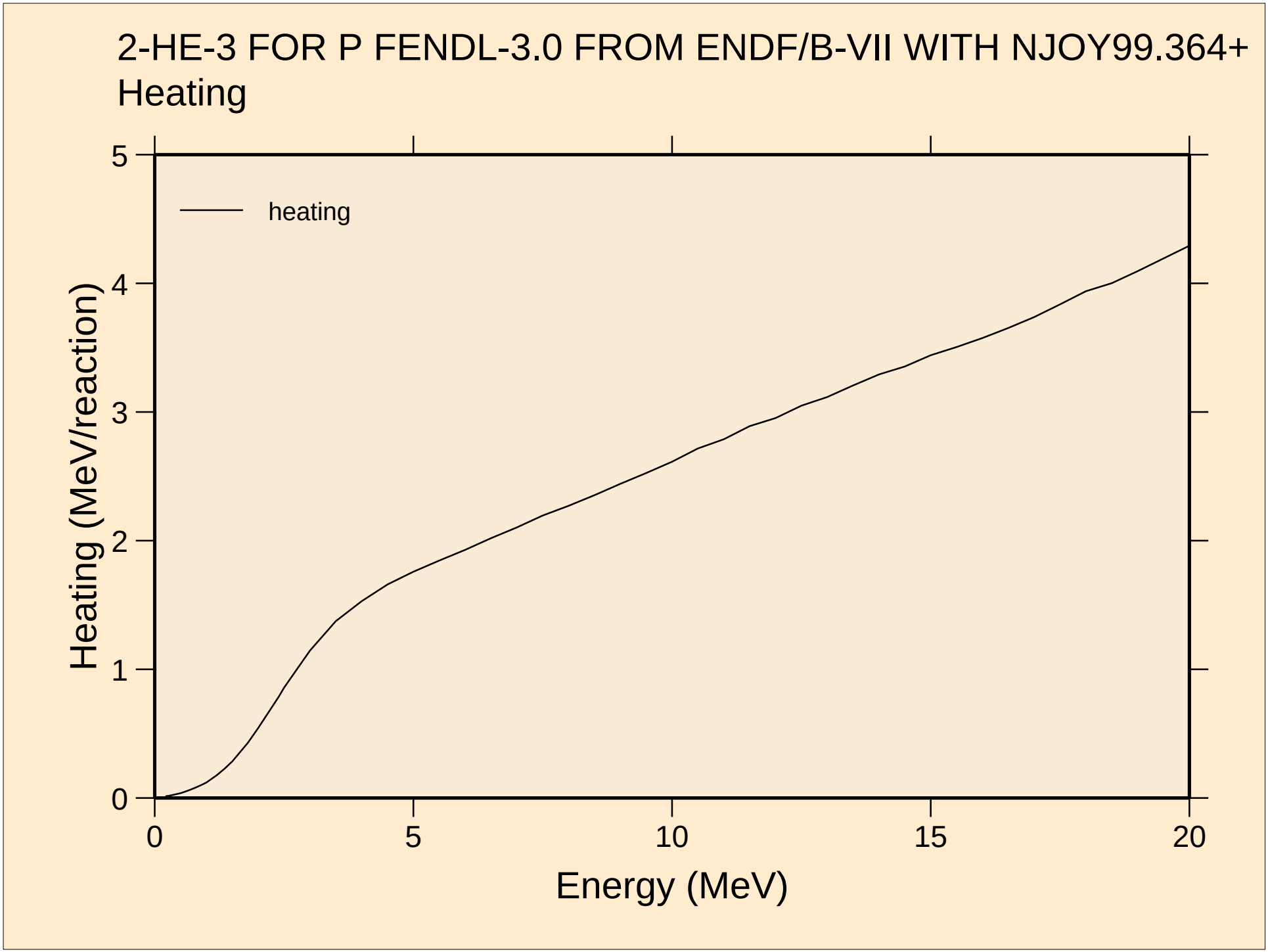
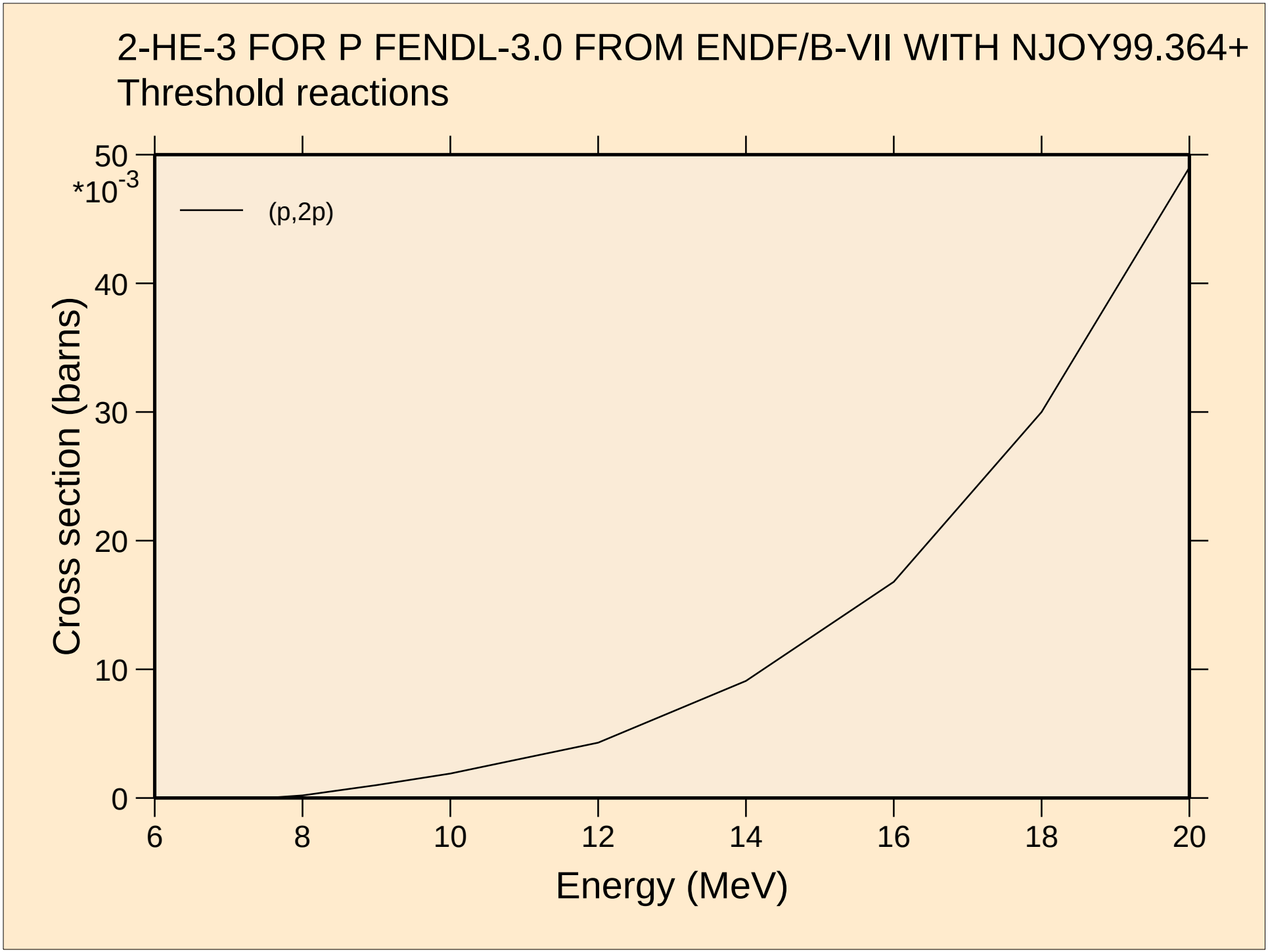
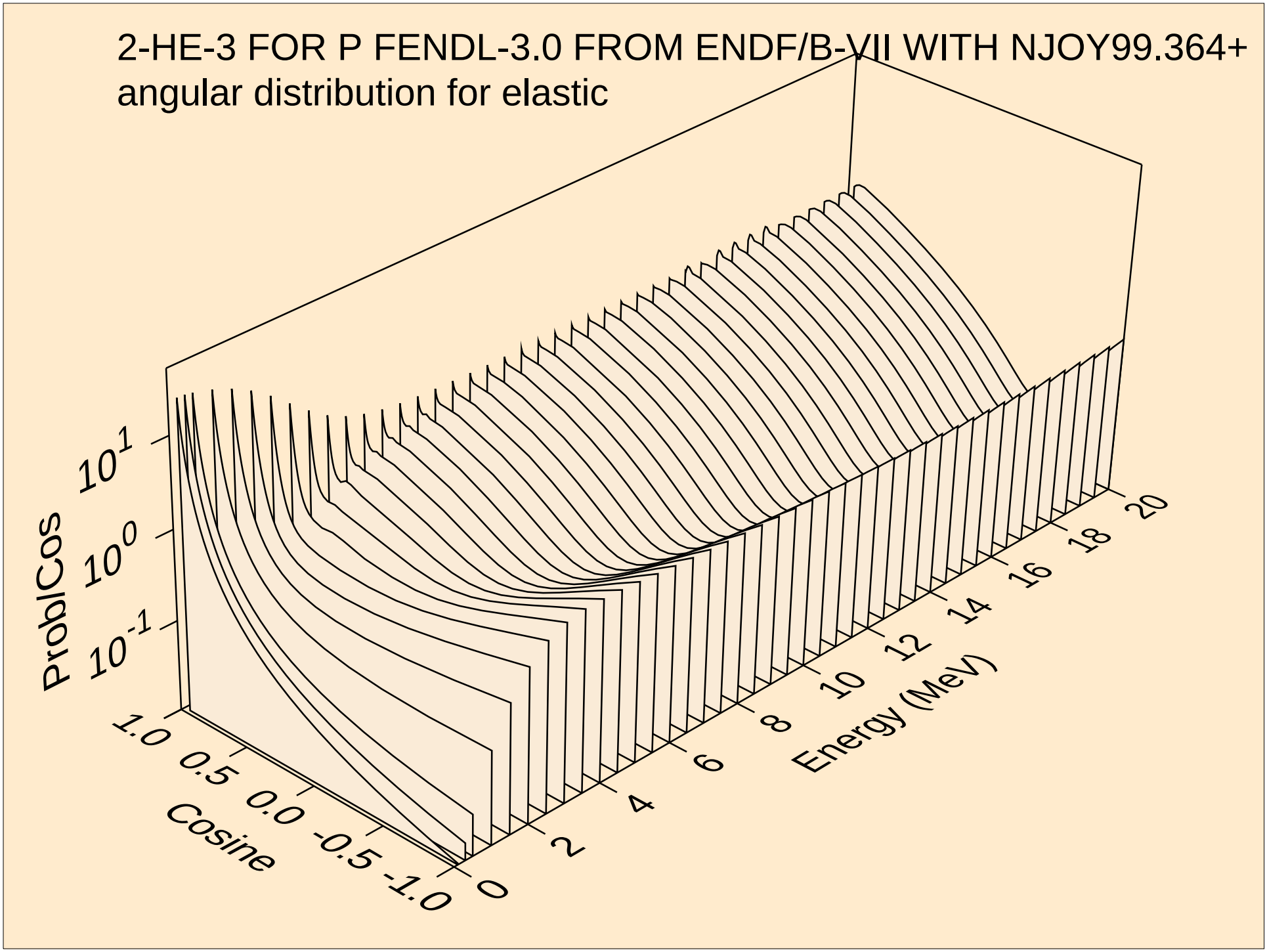

2-HE-3 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+
Principal cross sections
Cross section (barns)
Energy (MeV)
total
absorption
elastic
10^7
10^6
10^5
10^4
10^3
10^2
10^1
10^-3
10^-2
10^-1
10^0
10^1

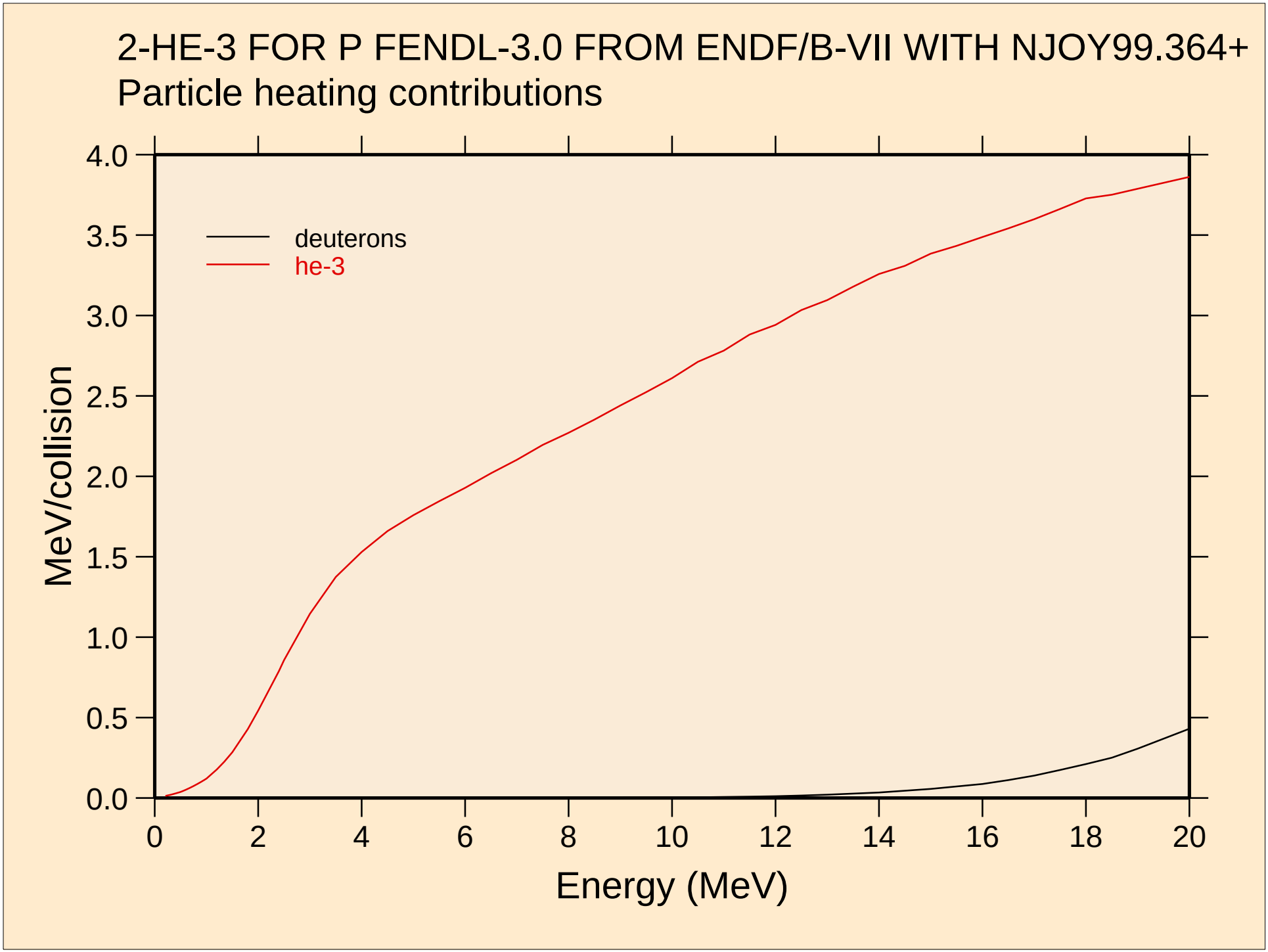

2-HE-3 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+
Heating
heating
Heating (MeV/reaction)
10^0
10^-1
10^-2
10^-3
10^-4
10^-5
10^-3
10^-2
10^-1
10^0
10^1
Energy (MeV)

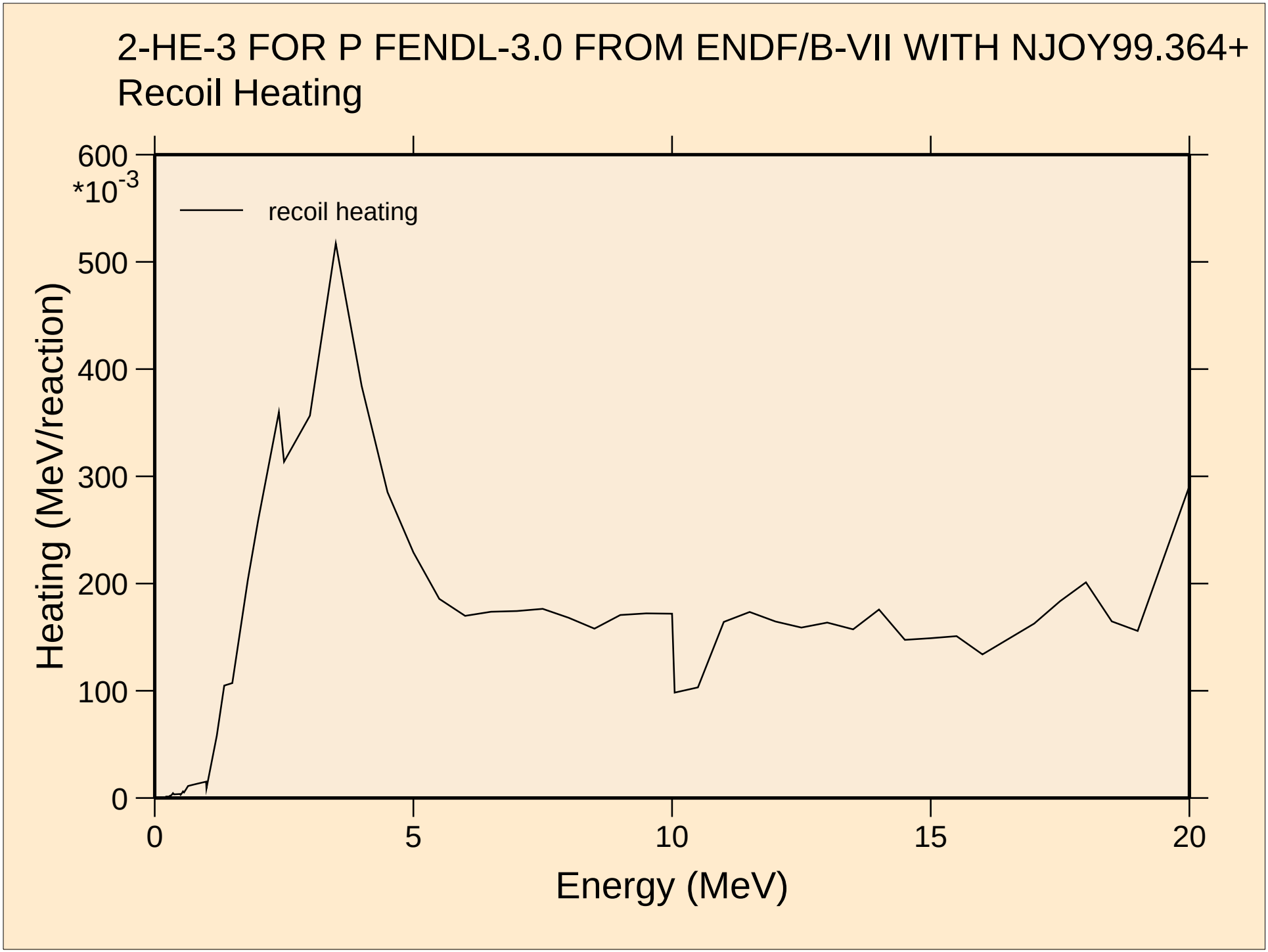

2-HE-3 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+
Principal cross sections
Cross section (barns)
Energy (MeV)
total
absorption
elastic
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2
4
6
8
10
12
14
16
18
20

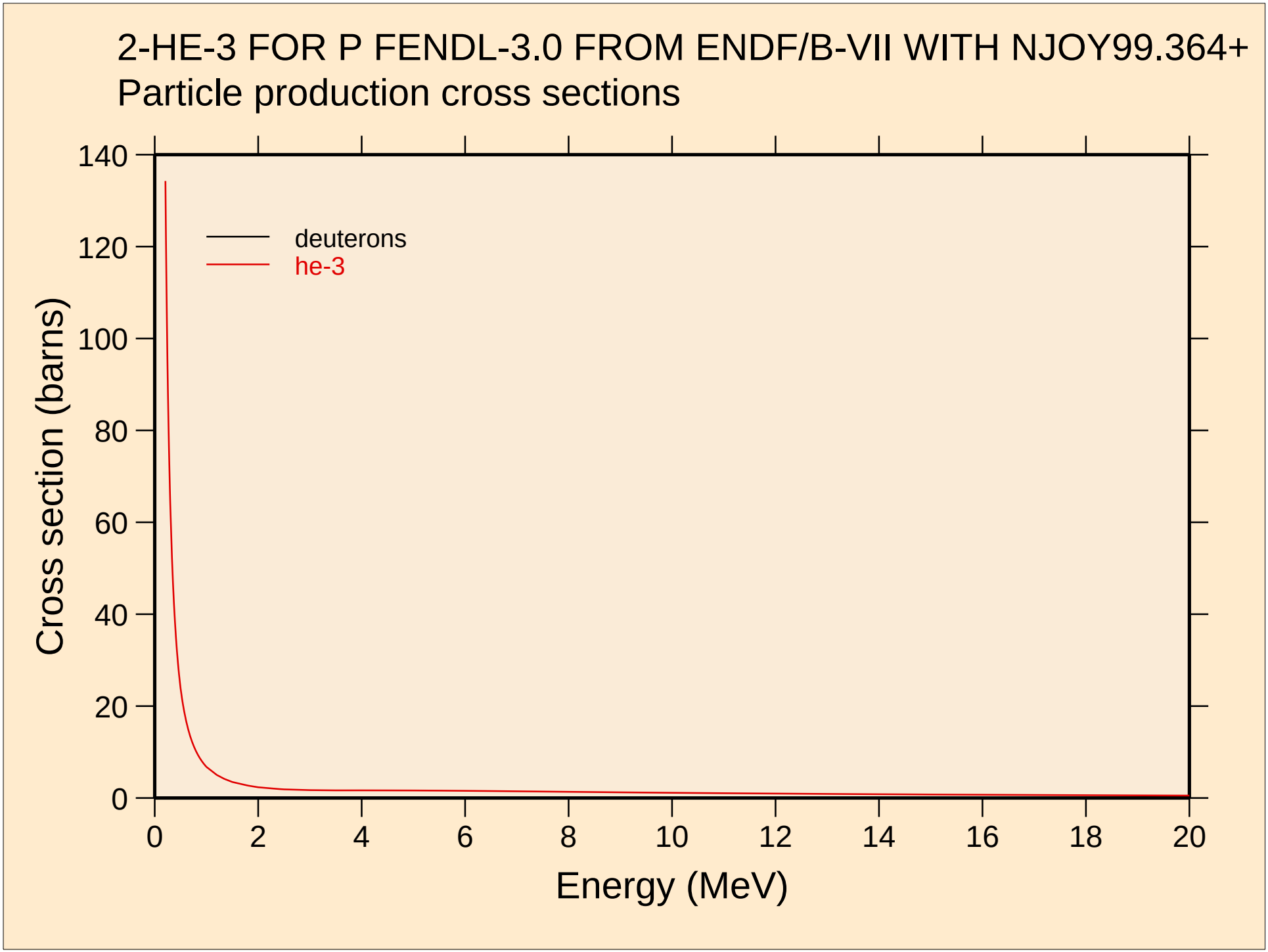

2-HE-3 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+
Heating
heating
Heating (MeV/reaction)
Energy (MeV)
0
1
2
3
4
5
0
5
10
15
20

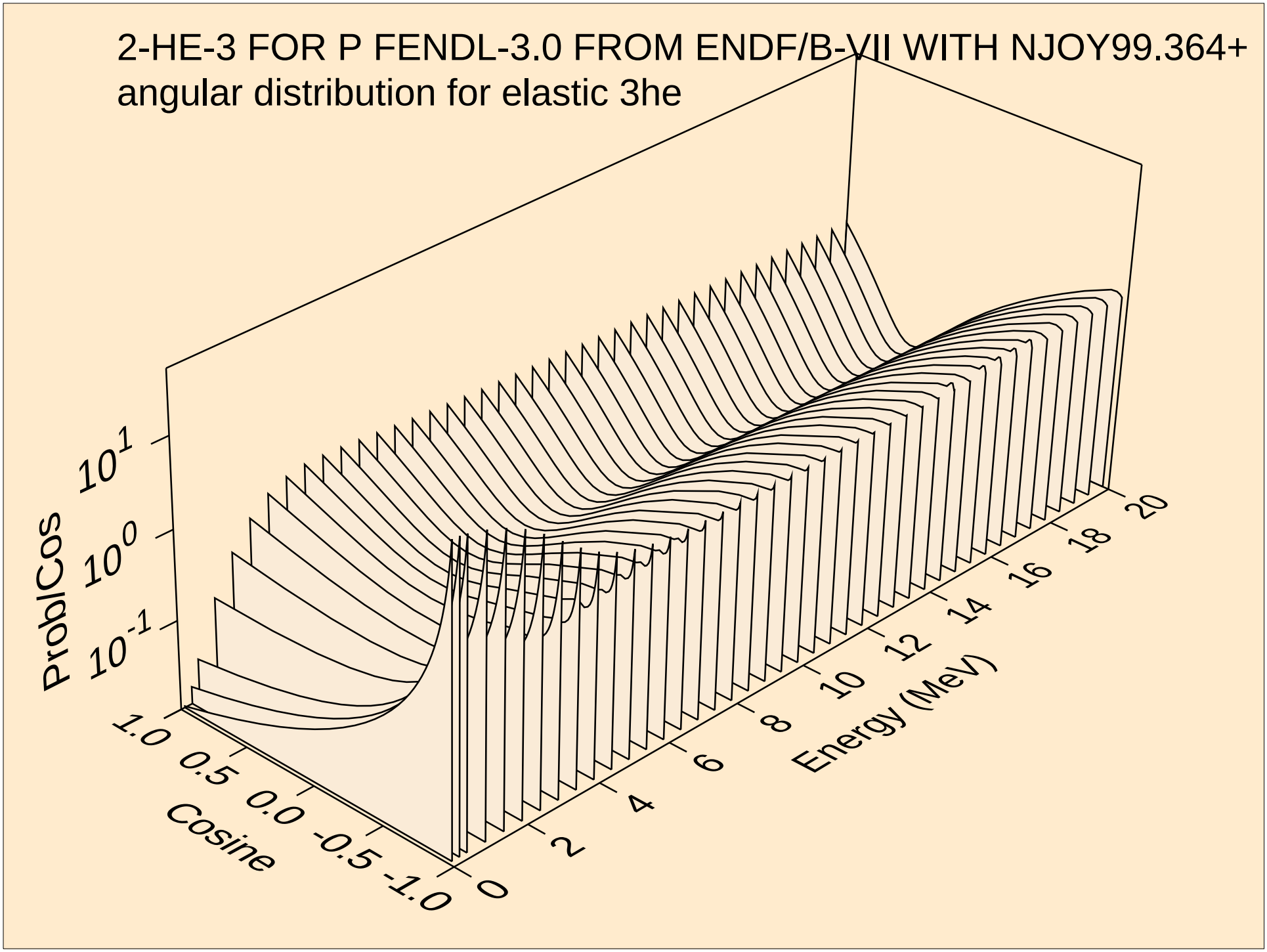

2-HE-3 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+
Threshold reactions
*10-3
(p,2p)
Cross section (barns)
50
40
30
20
10
0
6
8
10
12
14
16
18
20
Energy (MeV)


2-HE-3 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+
angular distribution for elastic
ProbICos
10^1
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)


2-HE-3 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+
Particle heating contributions
deuterons
he-3
MeV/collision
Energy (MeV)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
0
2
4
6
8
10
12
14
16
18
20


2-HE-3 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+
Recoil Heating
600
*10-3
500
400
300
200
100
0
recoil heating
Heating (MeV/reaction)
0
5
10
15
20
Energy (MeV)


2-HE-3 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+
Particle production cross sections
deuterons
he-3
Cross section (barns)
Energy (MeV)
0
20
40
60
80
100
120
140
0
2
4
6
8
10
12
14
16
18
20


2-HE-3 FOR P FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+
angular distribution for elastic 3he
ProbICos
10^1
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)