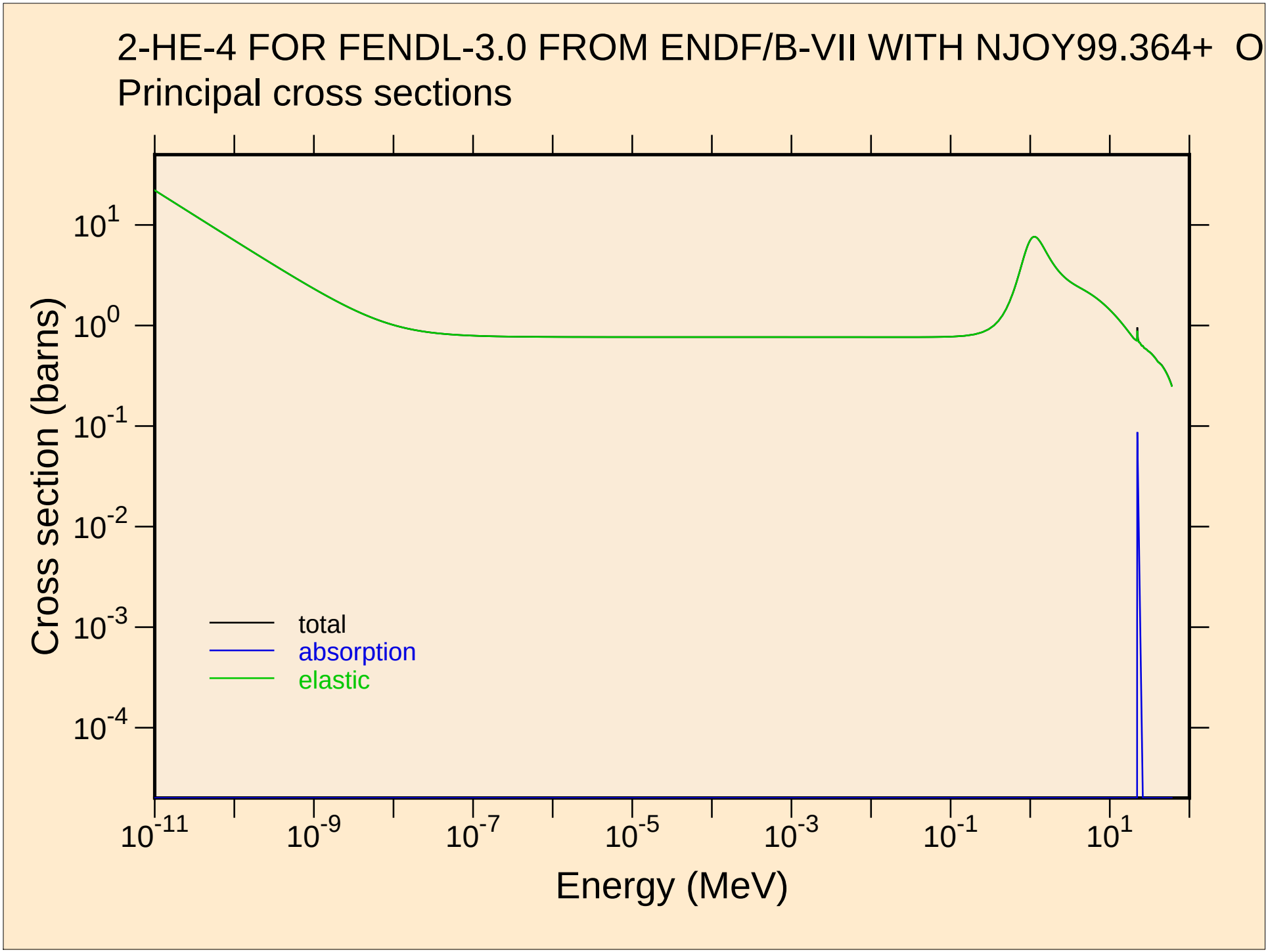
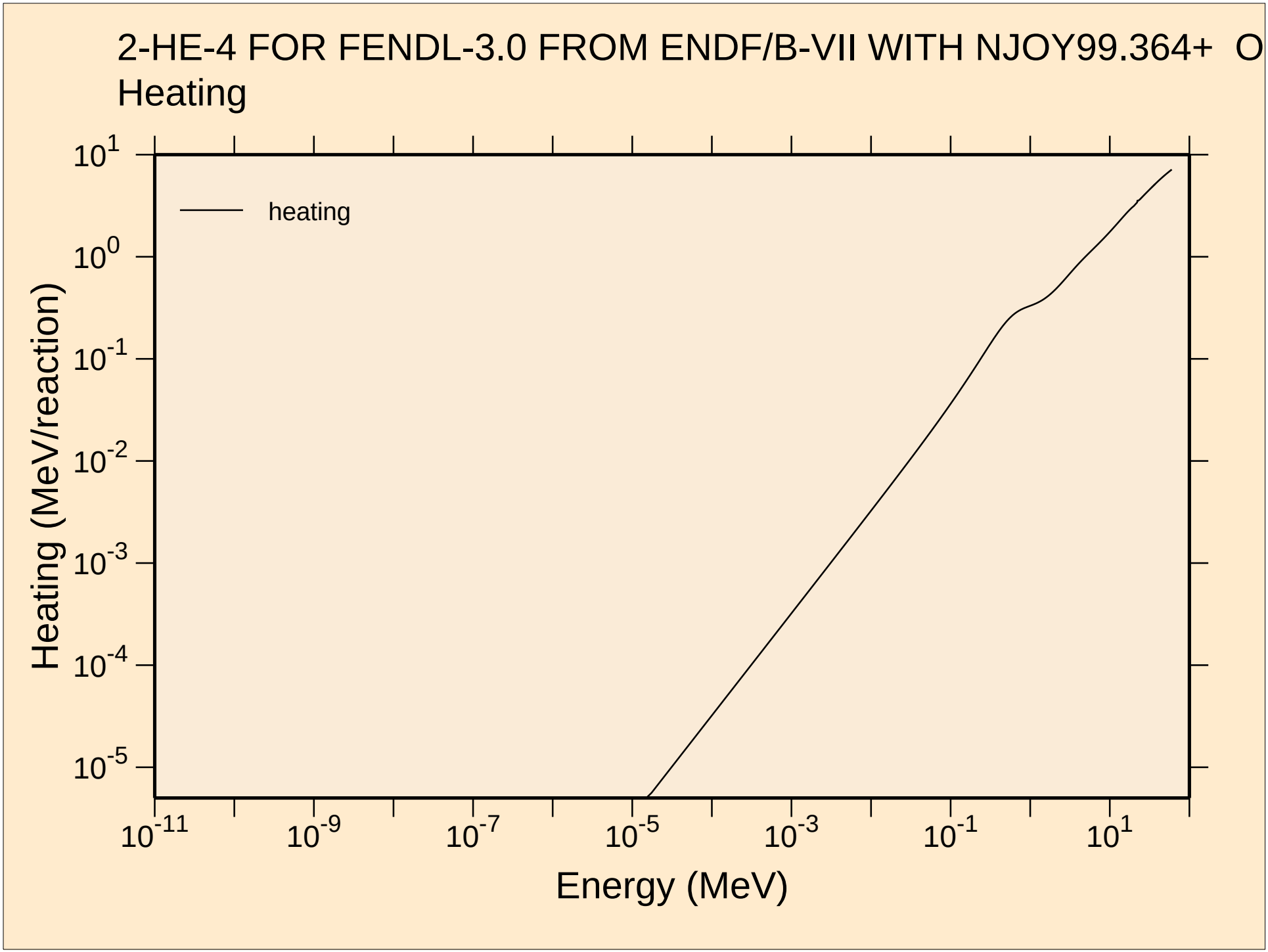
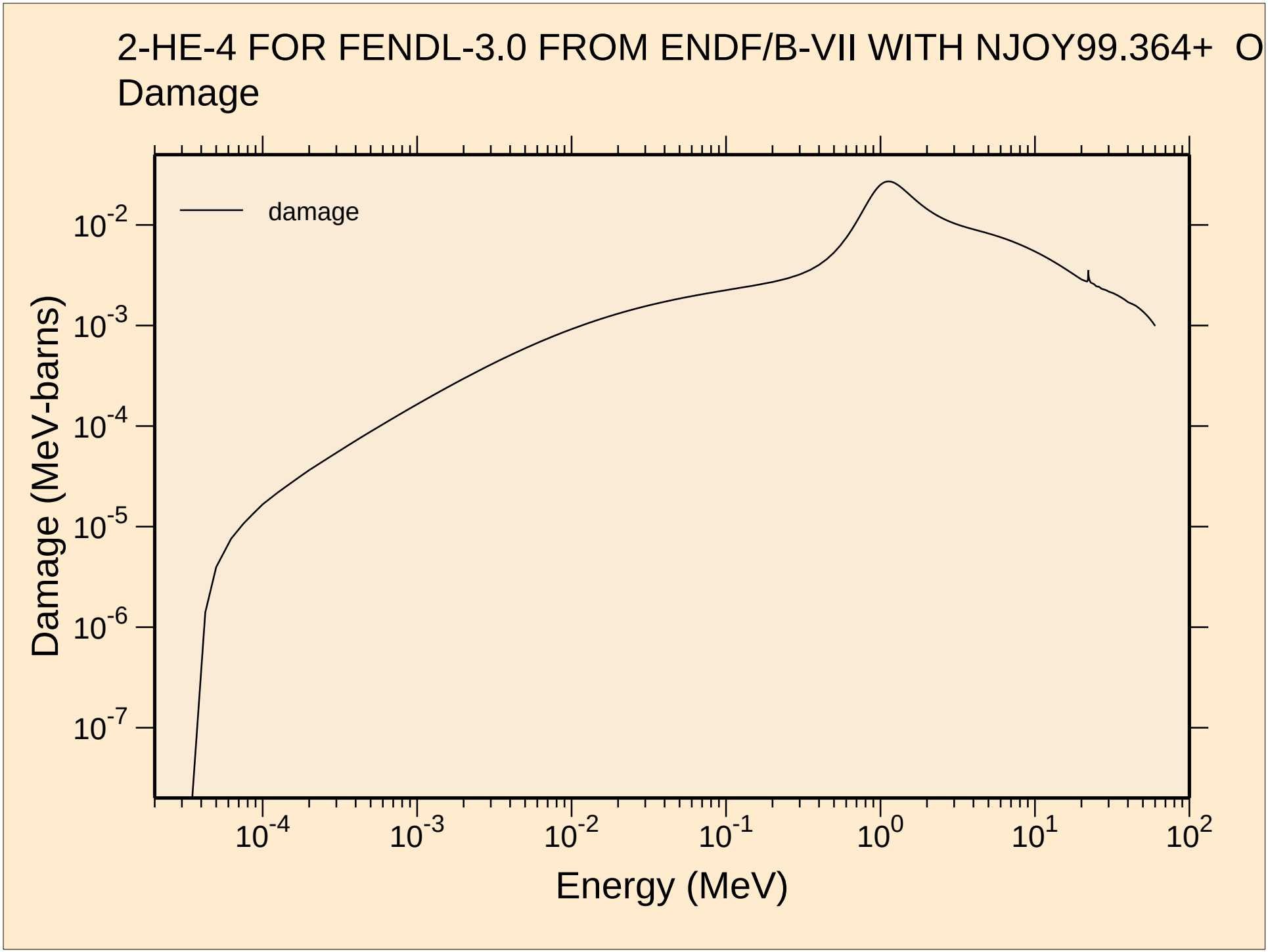
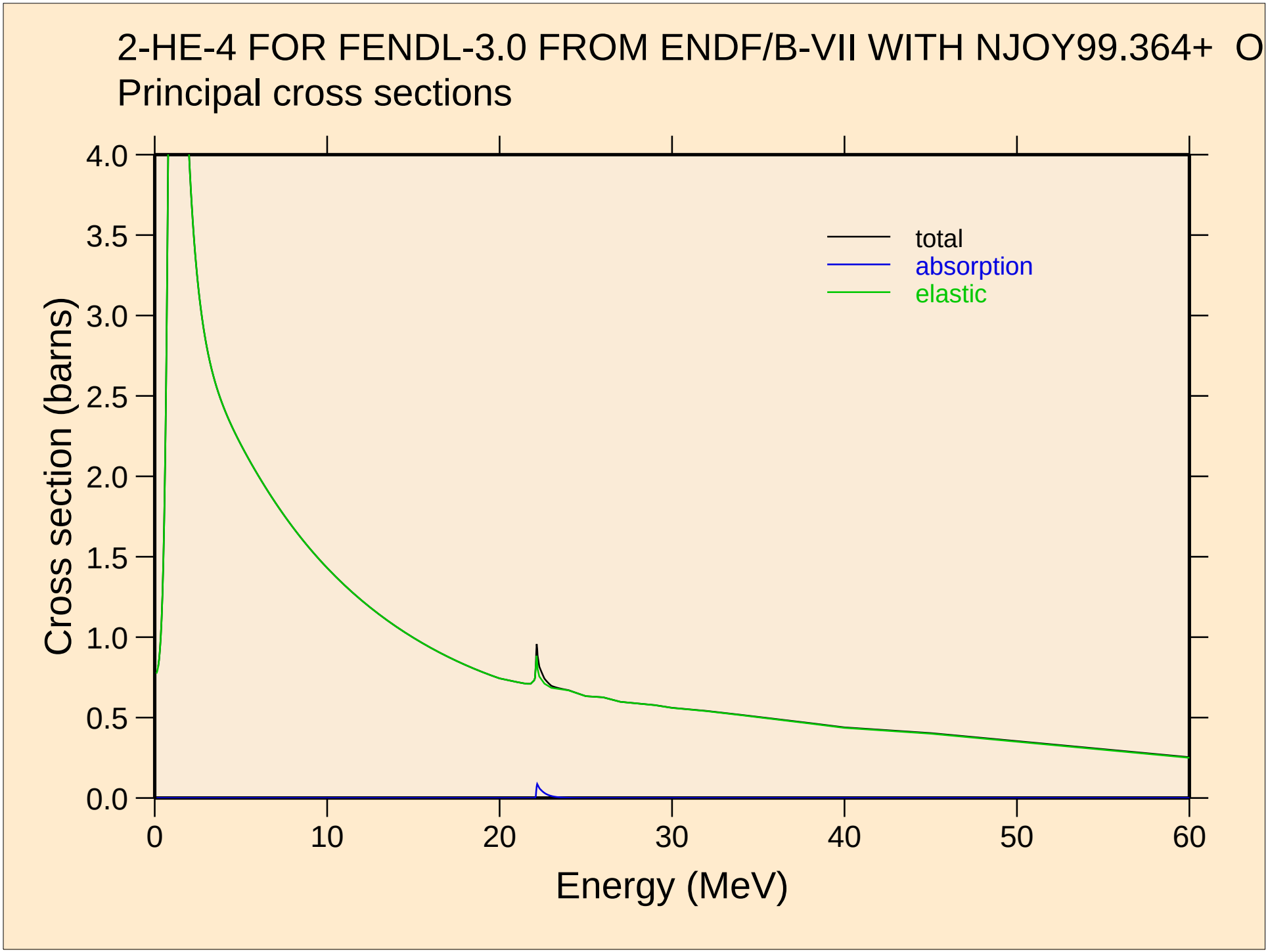
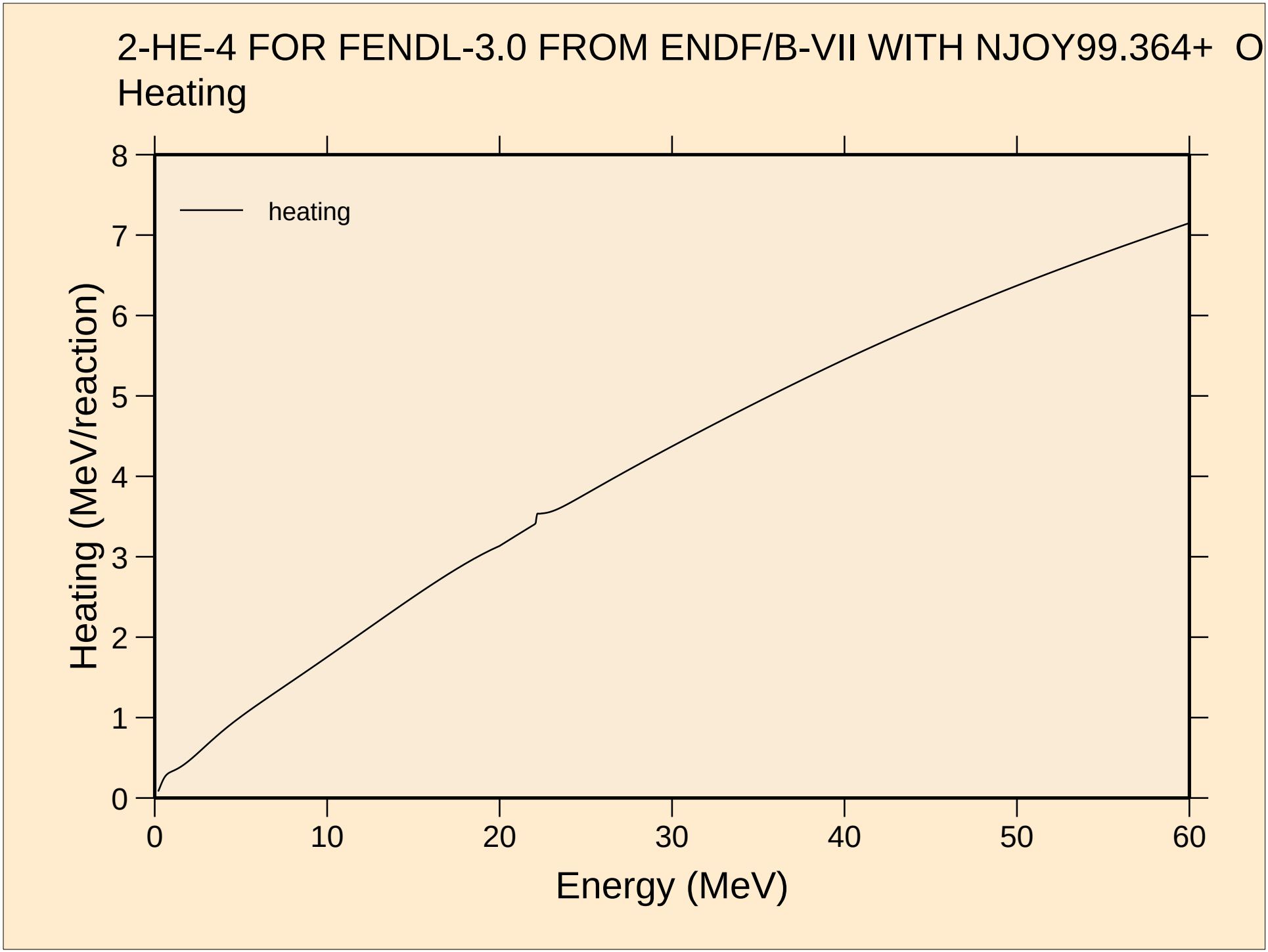
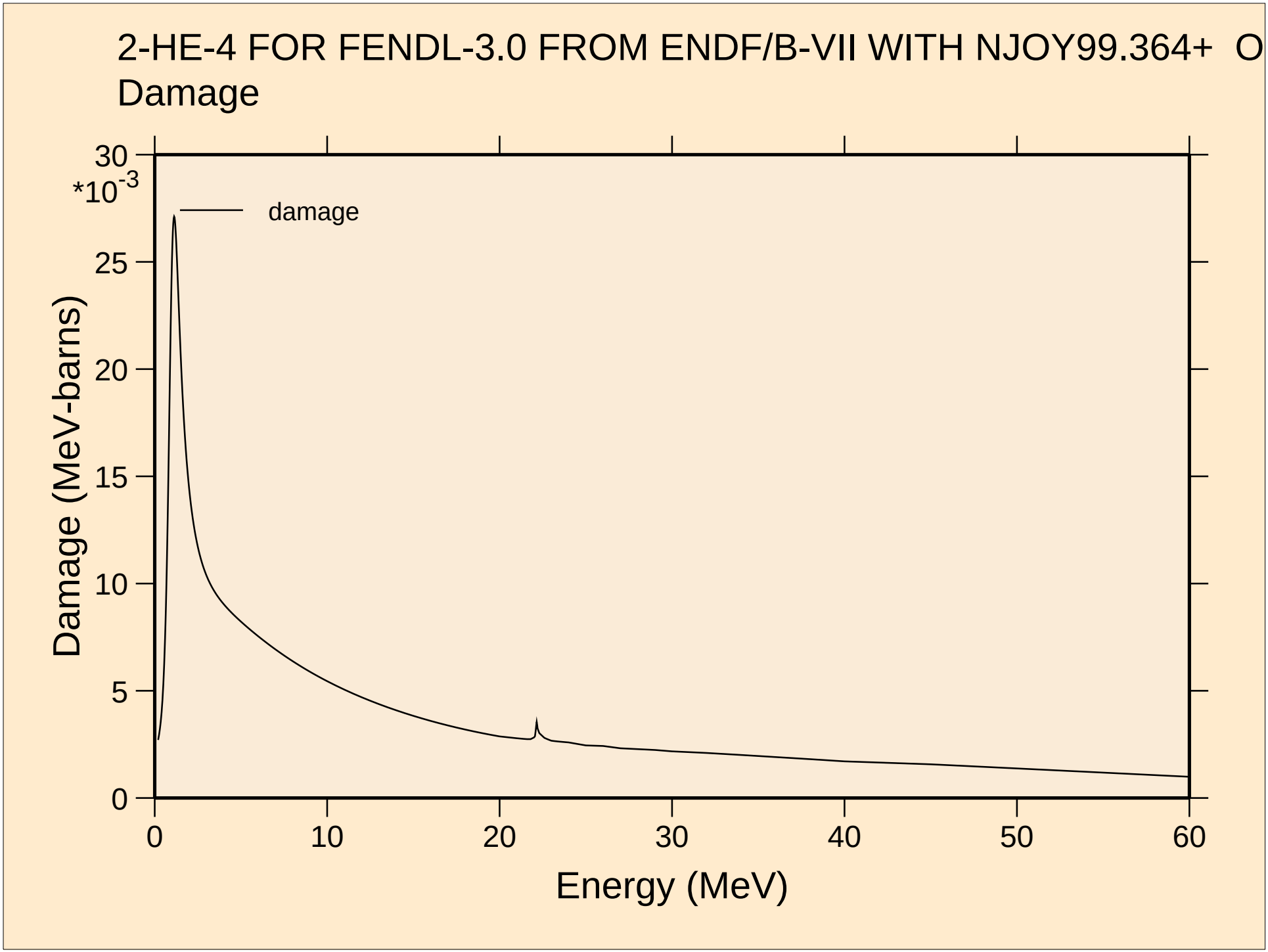

2-HE-4 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ O
Principal cross sections
Cross section (barns)
10^1
10^0
10^-1
10^-2
10^-3
10^-4
total
absorption
elastic
10^-11
10^-9
10^-7
10^-5
10^-3
10^-1
10^1
Energy (MeV)

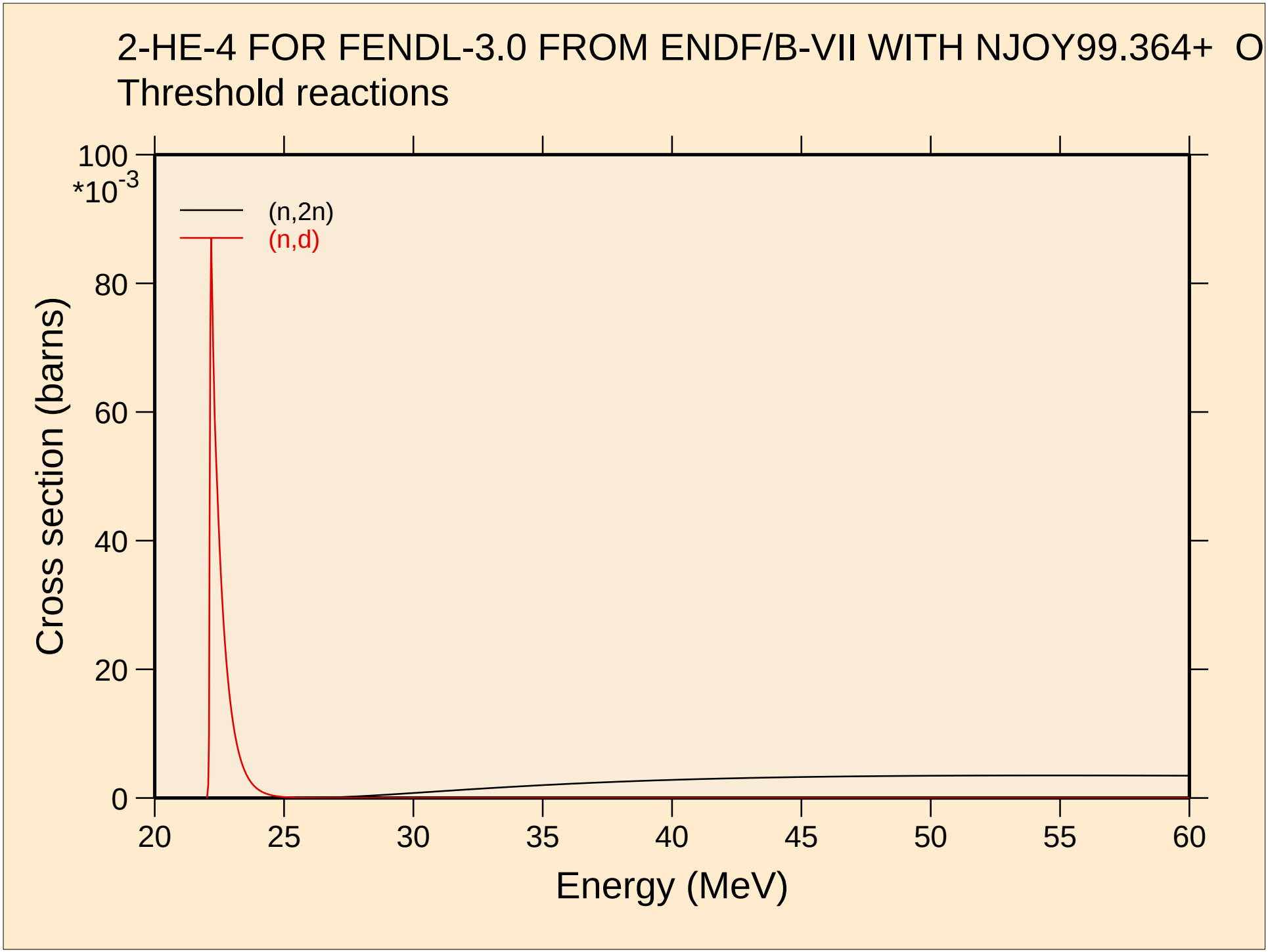

2-HE-4 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ O
Heating
heating
Heating (MeV/reaction)
Energy (MeV)
10^1
10^0
10^-1
10^-2
10^-3
10^-4
10^-5
10^-11
10^-9
10^-7
10^-5
10^-3
10^-1
10^1

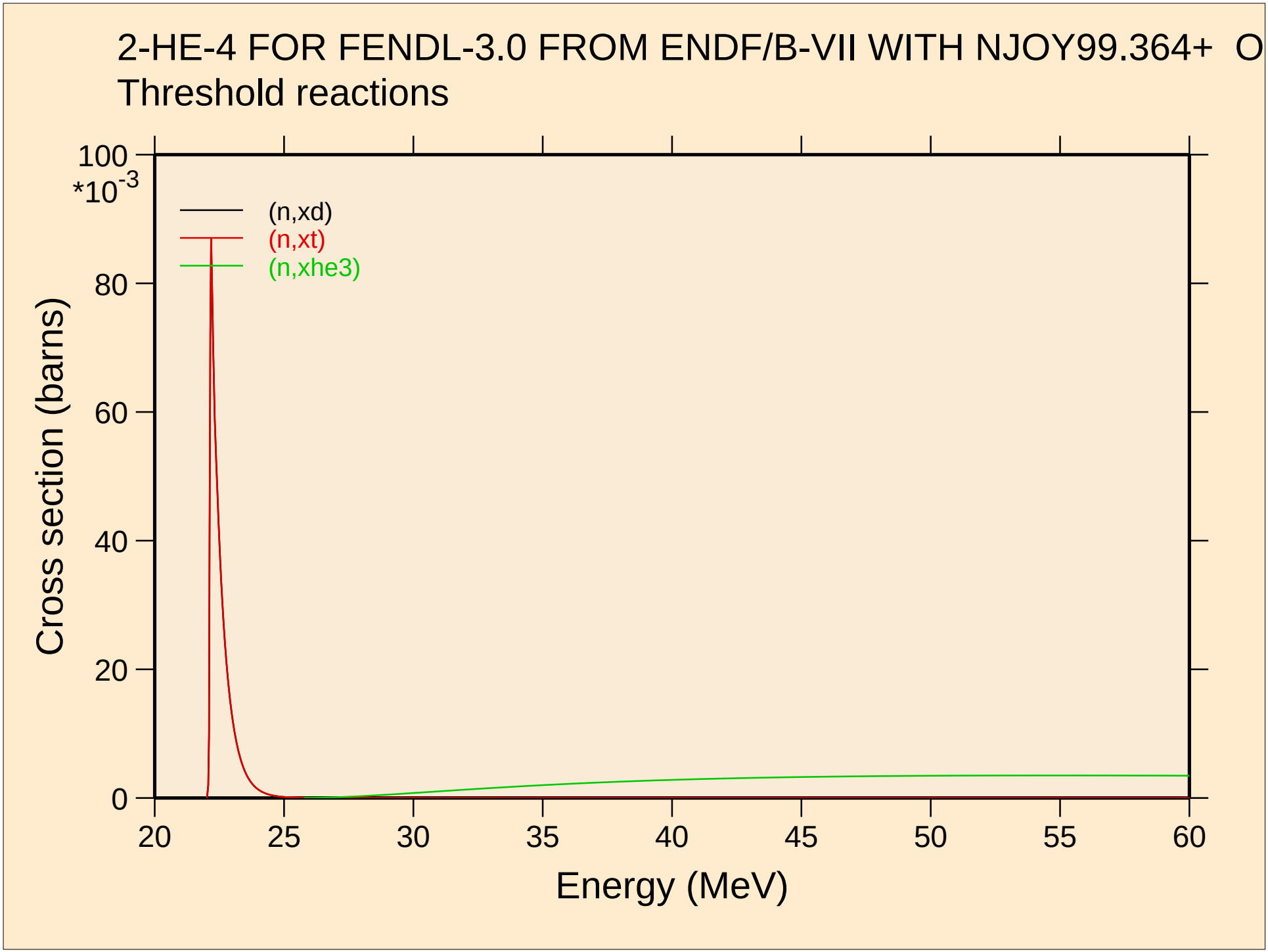

2-HE-4 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ O
Damage
damage
Damage (MeV-barns)
10-2
10-3
10-4
10-5
10-6
10-7
10-4
10-3
10-2
10-1
100
101
102
Energy (MeV)

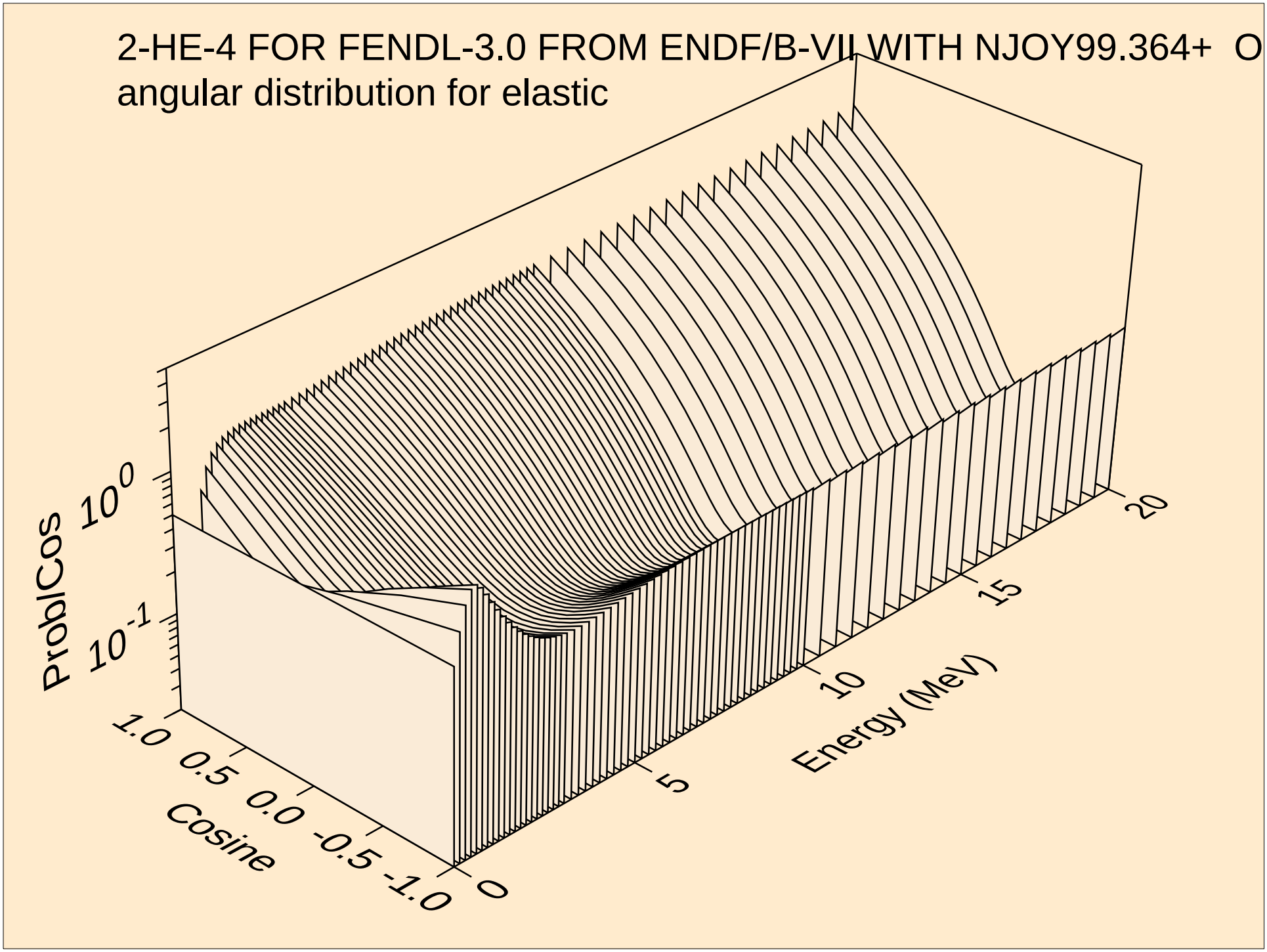

2-HE-4 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ O
Principal cross sections
Cross section (barns)
Energy (MeV)
total
absorption
elastic
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
0
10
20
30
40
50
60

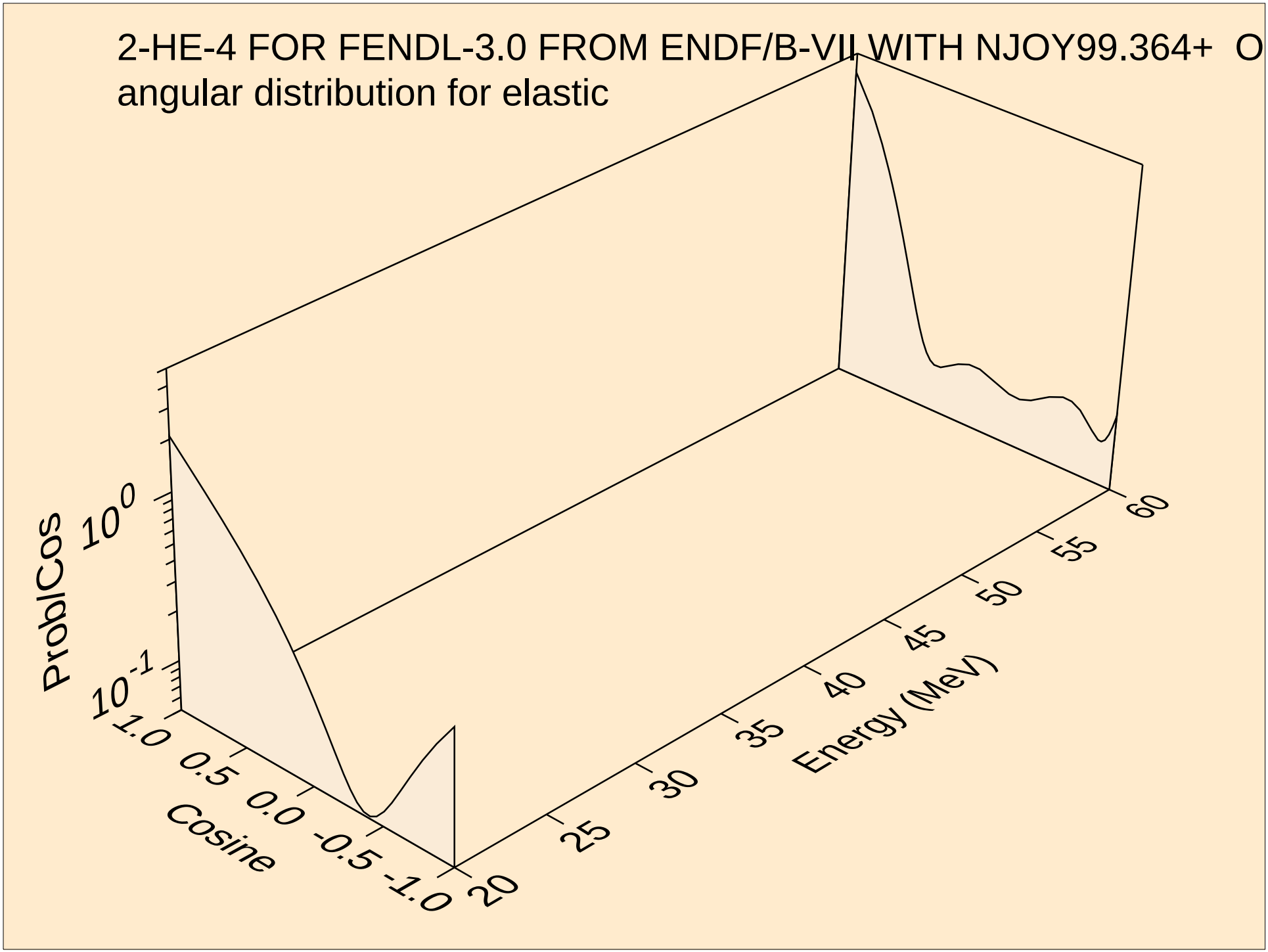

2-HE-4 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ O
Heating
heating
Heating (MeV/reaction)
Energy (MeV)
0
1
2
3
4
5
6
7
8
0
10
20
30
40
50
60


2-HE-4 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ O
Damage
*10-3
damage
Damage (MeV-barns)
Energy (MeV)
0
5
10
15
20
25
30
0
10
20
30
40
50
60


2-HE-4 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ O
Threshold reactions
100
*10-3
80
60
40
20
0
(n,2n)
(n,d)
Cross section (barns)
20
25
30
35
40
45
50
55
60
Energy (MeV)


2-HE-4 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ O
Threshold reactions
100
*10-3
80
60
40
20
0
(n,xd)
(n,xt)
(n,xhe3)
Cross section (barns)
20
25
30
35
40
45
50
55
60
Energy (MeV)


2-HE-4 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ O
angular distribution for elastic
Prob\Cos
10^{0}
10^{-1}
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
5
10
15
20
Energy (MeV)


2-HE-4 FOR FENDL-3.0 FROM ENDF/B-VII WITH NJOY99.364+ O
angular distribution for elastic
ProblCos
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)