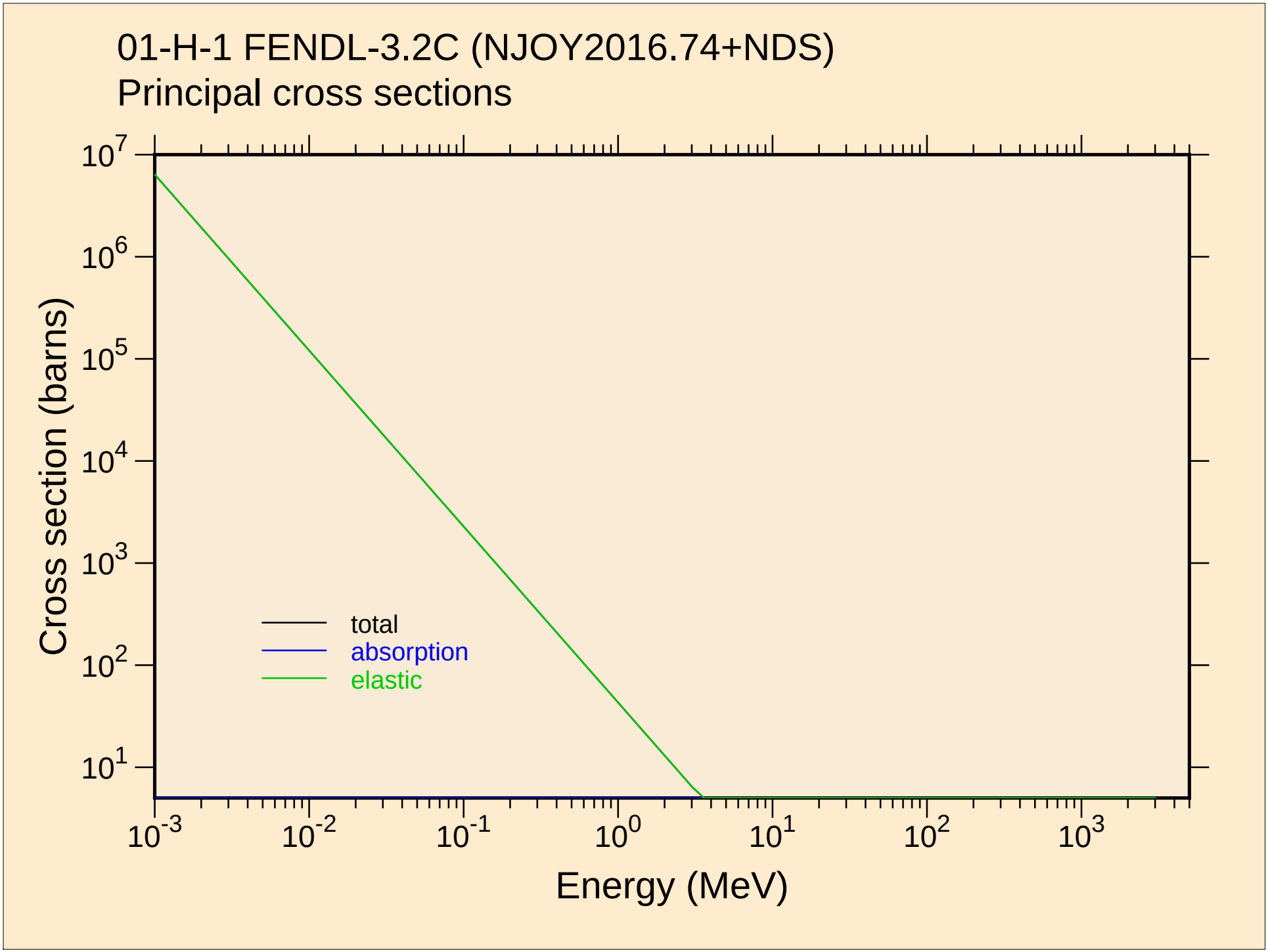
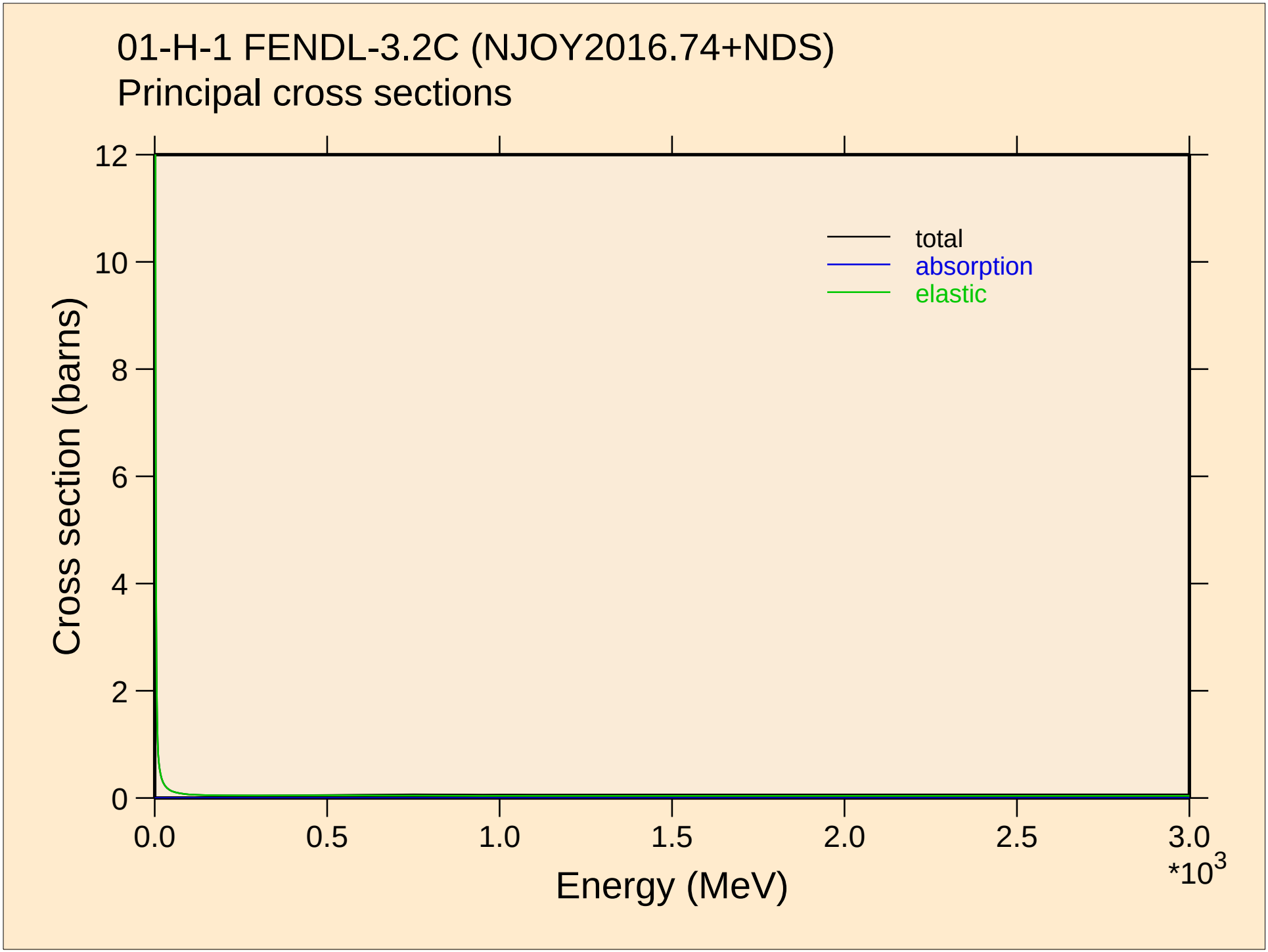
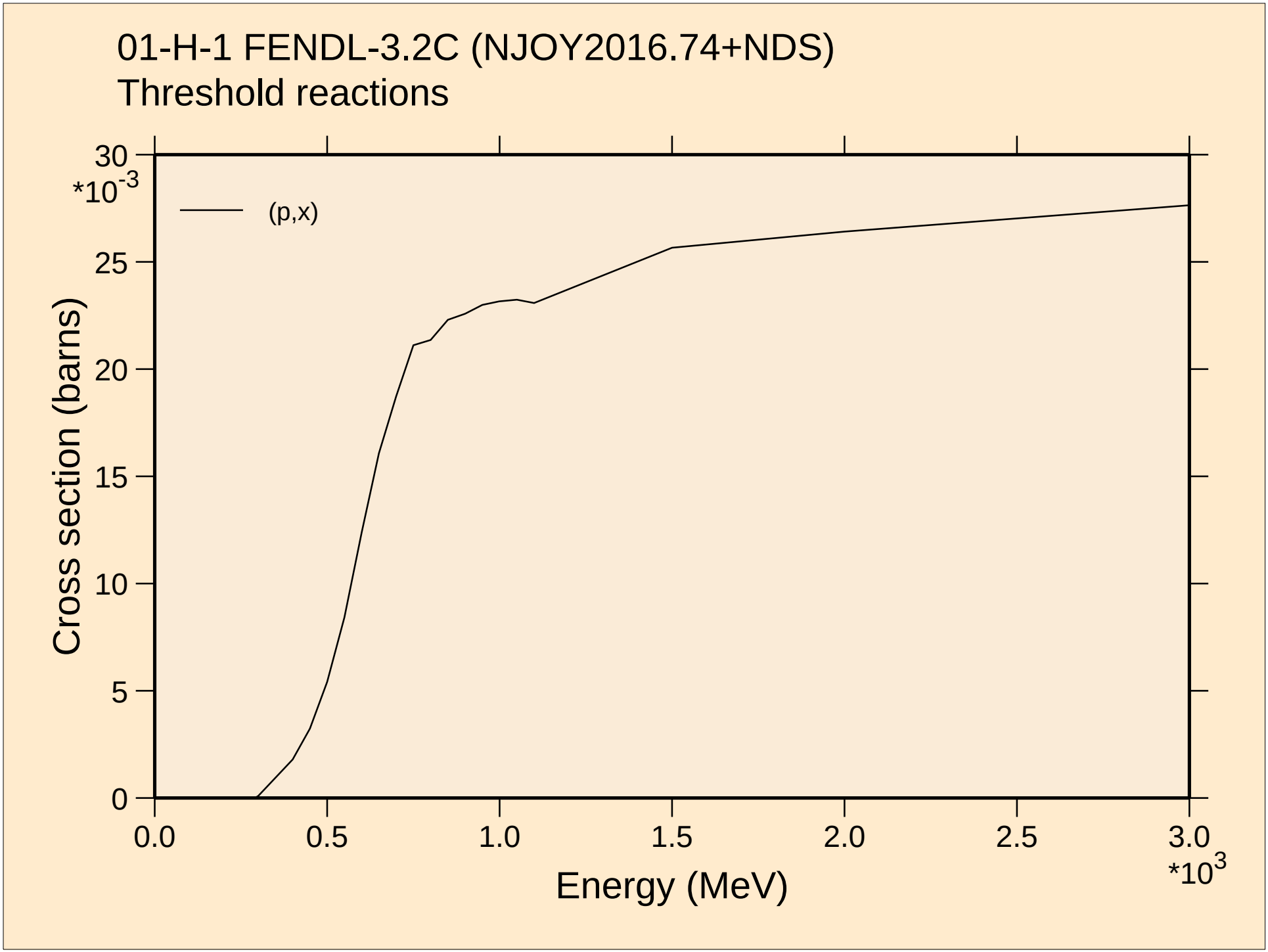
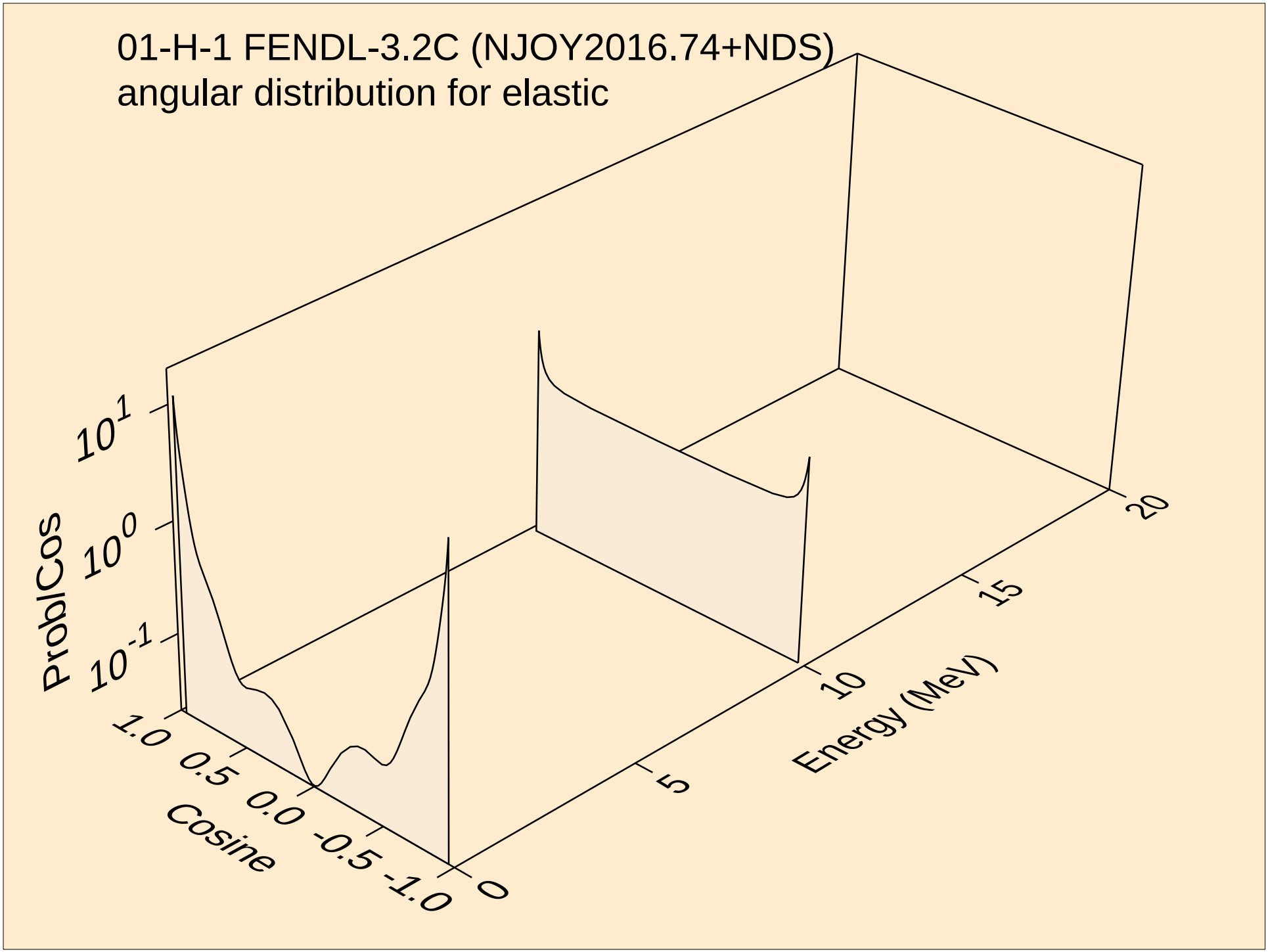
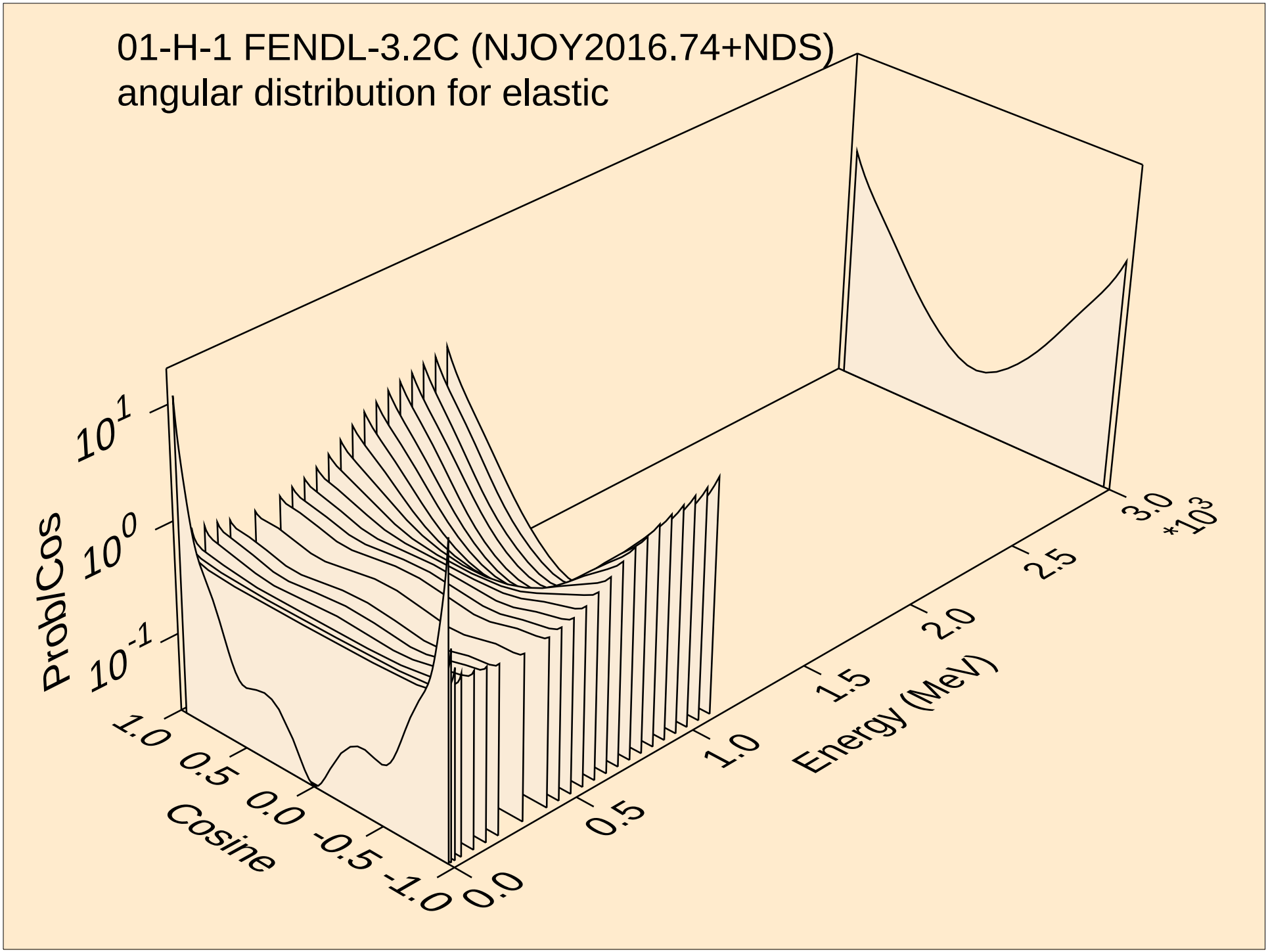
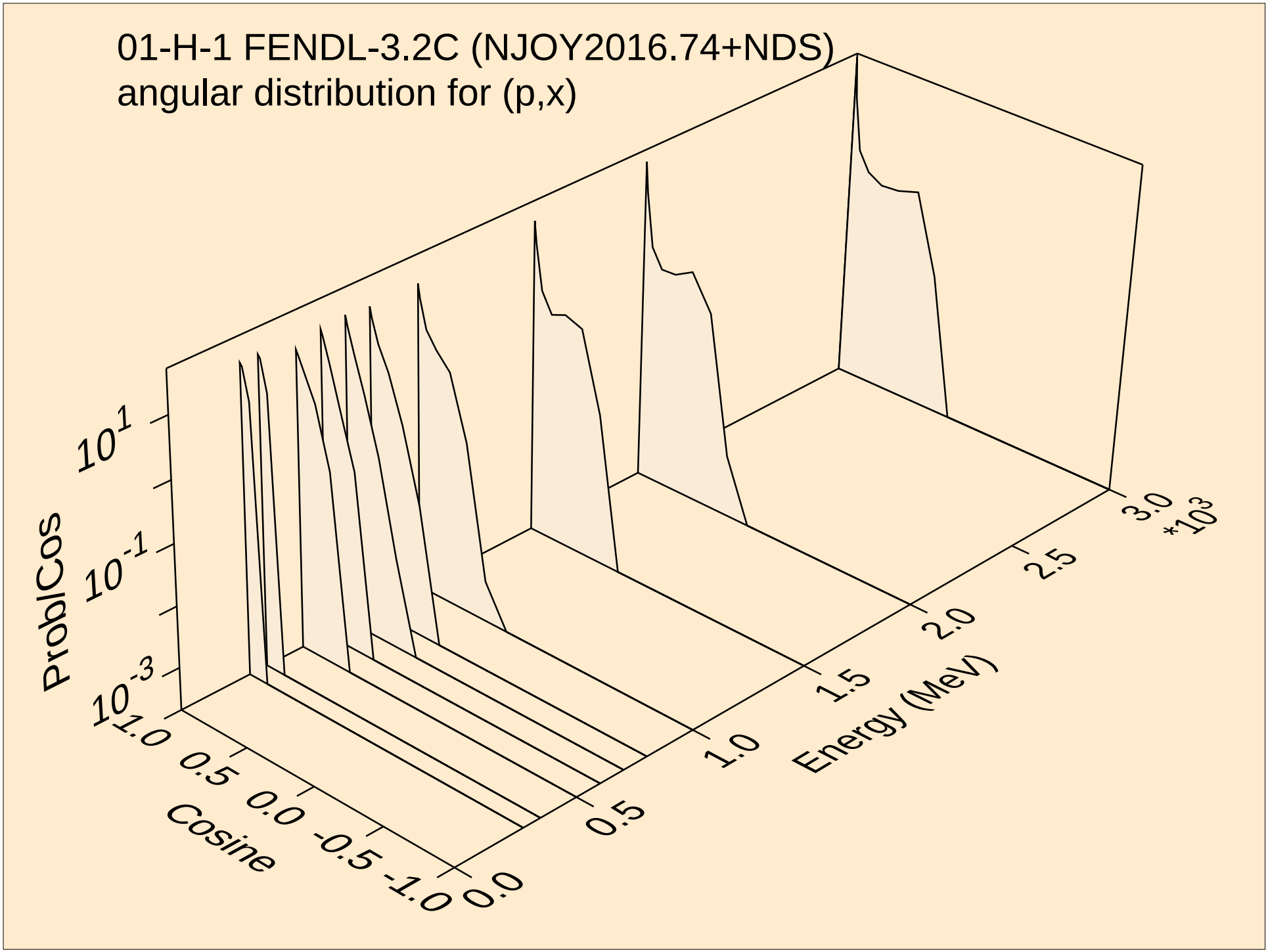

01-H-1 FENDL-3.2C (NJOY2016.74+NDS)
Principal cross sections
Cross section (barns)
Energy (MeV)
total
absorption
elastic
10^7
10^6
10^5
10^4
10^3
10^2
10^1
10^-3
10^-2
10^-1
10^0
10^1
10^2
10^3

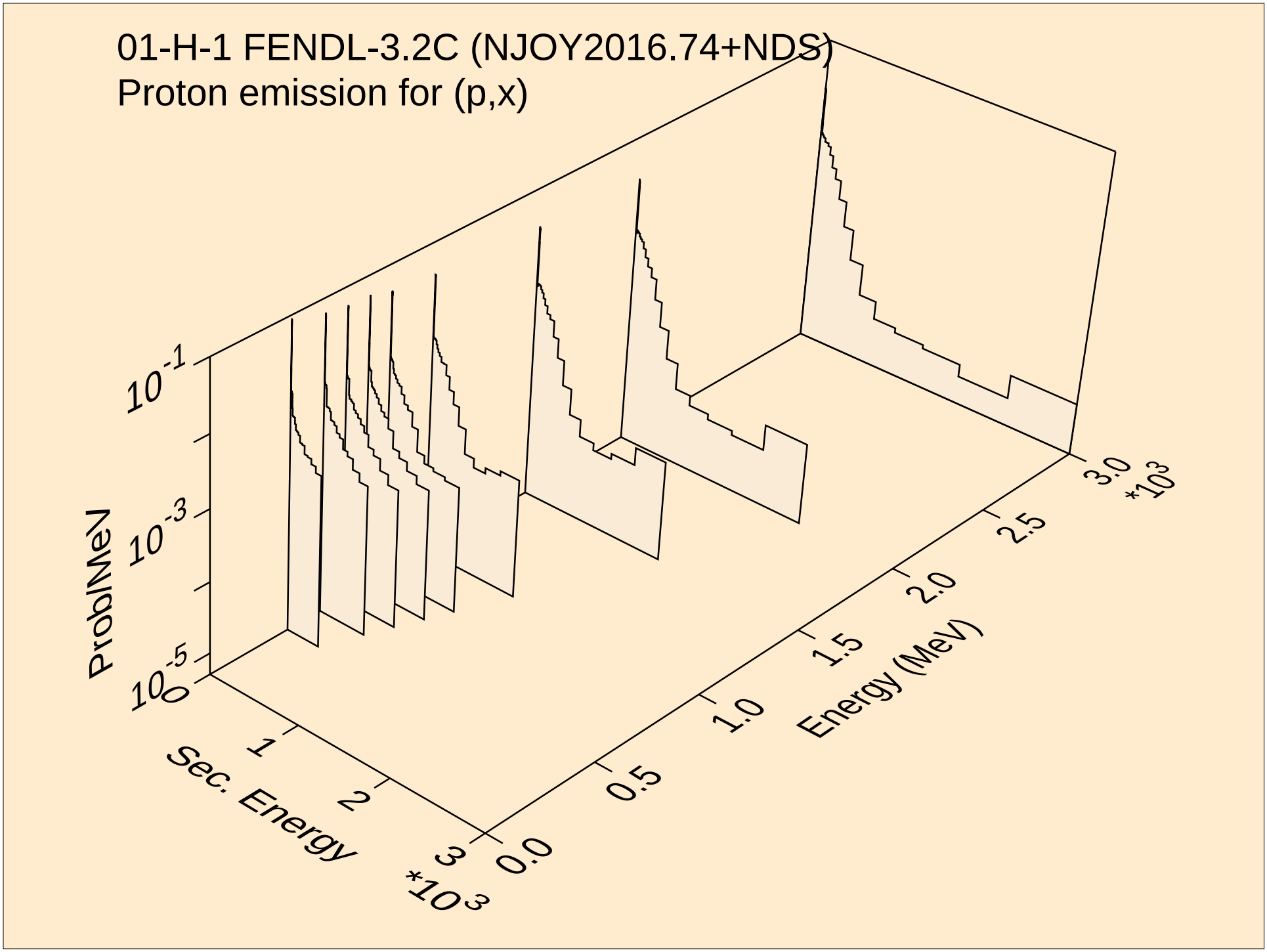

01-H-1 FENDL-3.2C (NJOY2016.74+NDS)
Principal cross sections
Cross section (barns)
Energy (MeV)
*10^3
total
absorption
elastic
0
2
4
6
8
10
12
0.0
0.5
1.0
1.5
2.0
2.5
3.0

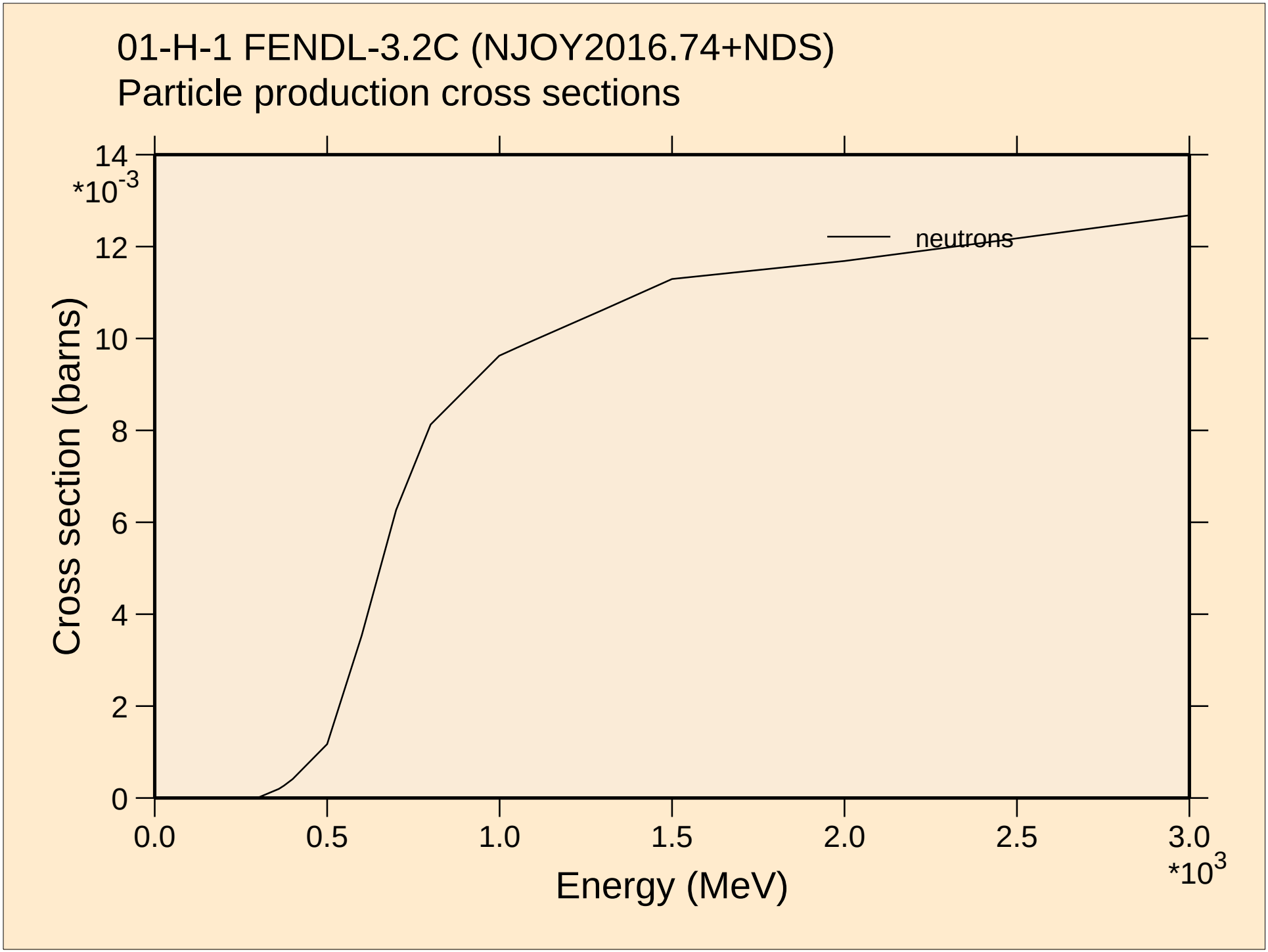

01-H-1 FENDL-3.2C (NJOY2016.74+NDS)
Threshold reactions
(p,x)
Cross section (barns)
*10-3
30
25
20
15
10
5
0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
*10^3
Energy (MeV)

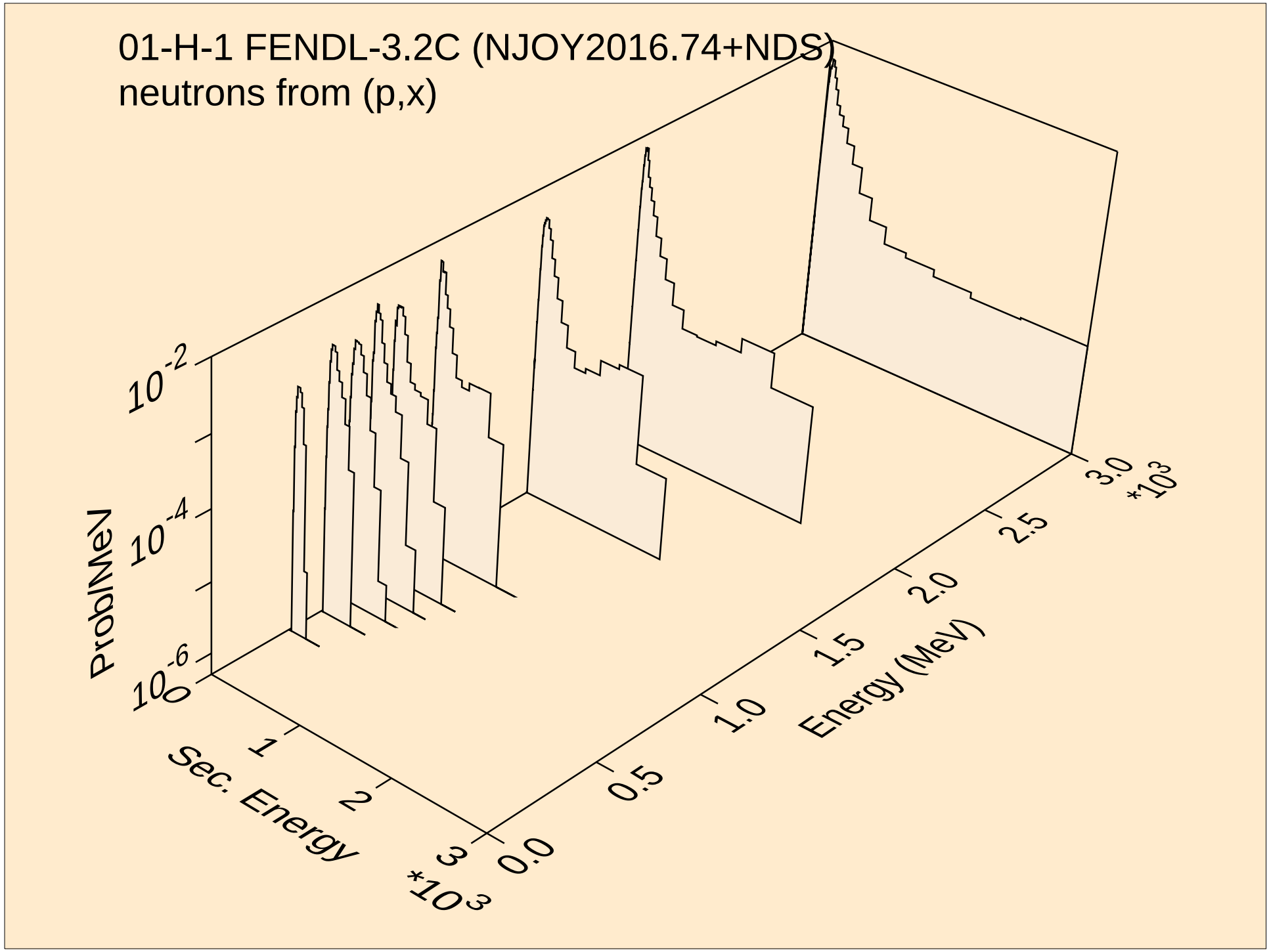

01-H-1 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for elastic
ProbCos
10^{1}
10^{0}
10^{-1}
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
5
10
15
20
Energy (MeV)

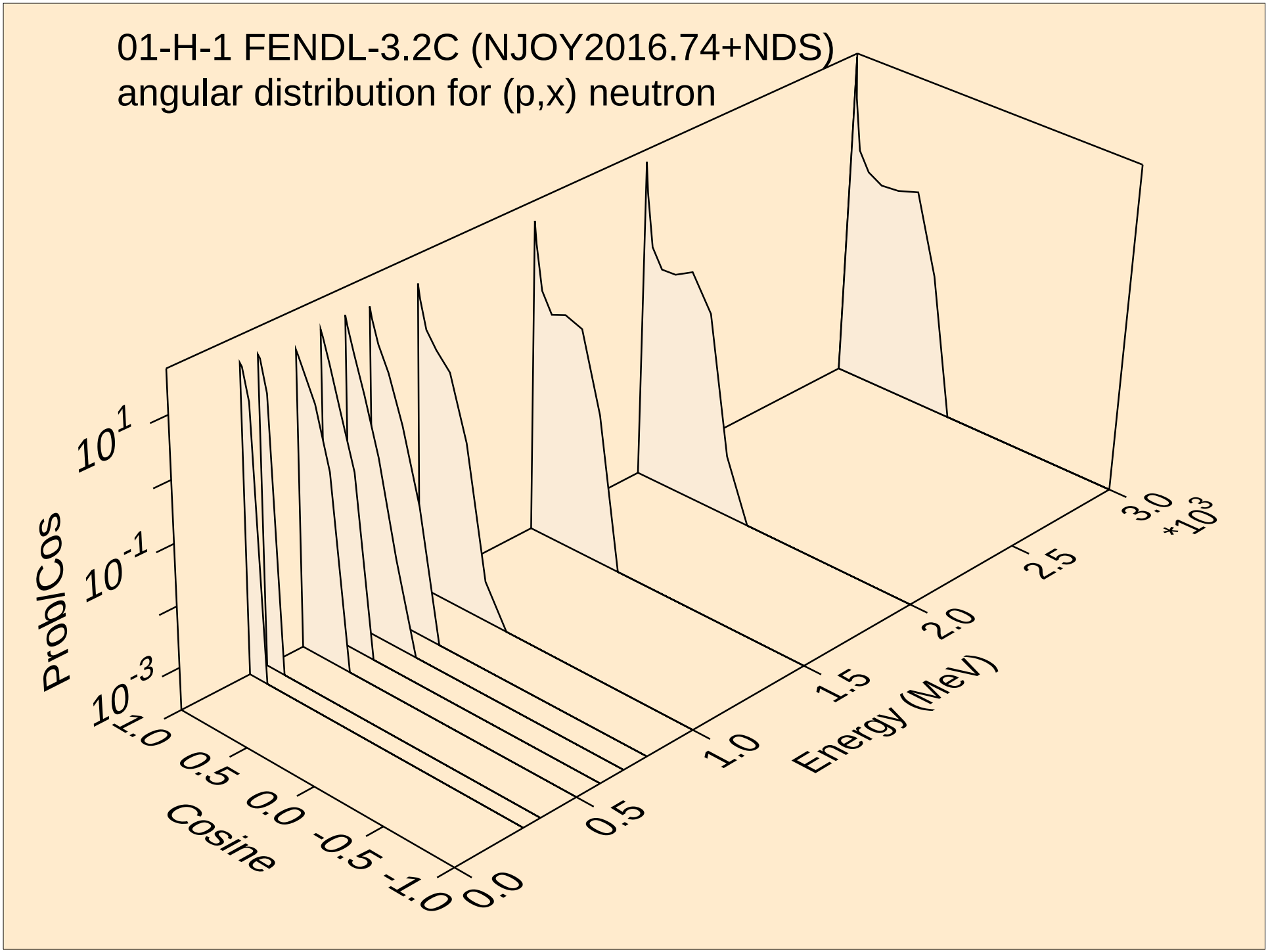

01-H-1 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for elastic
ProbICos
10^1
10^0
10^-1
1.0
0.5
0.0
-0.5
-1.0
Cosine
0.0
0.5
1.0
1.5
2.0
2.5
3.0
*10^3
Energy (MeV)


01-H-1 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (p,x)
ProbICos
10^1
10^-1
10^-3
1.0
0.5
0.0
-0.5
-1.0
Cosine
0.0
0.5
1.0
1.5
2.0
2.5
3.0
*10^3
Energy (MeV)


01-H-1 FENDL-3.2C (NJOY2016.74+NDS)
Proton emission for (p,x)
Prob/MeV
10-1
10-3
10-5
0
1
2
3
*10 3
Sec. Energy
0.0
0.5
1.0
1.5
2.0
2.5
3.0
*10³
Energy (MeV)


01-H-1 FENDL-3.2C (NJOY2016.74+NDS)
Particle production cross sections
Cross section (barns)
*10-3
14
12
10
8
6
4
2
0
neutrons
0.0
0.5
1.0
1.5
2.0
2.5
3.0
*10^3
Energy (MeV)


01-H-1 FENDL-3.2C (NJOY2016.74+NDS)
neutrons from (p,x)
Prob/MeV
10-2
10-4
10-6
0
1
2
3
*10 3
Sec. Energy
0.0
0.5
1.0
1.5
2.0
2.5
3.0
*10 3
Energy (MeV)


01-H-1 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for (p,x) neutron
ProbICos
10^1
10^-1
10^-3
1.0
0.5
0.0
-0.5
-1.0
Cosine
0.0
0.5
1.0
1.5
2.0
2.5
3.0
*10^3
Energy (MeV)