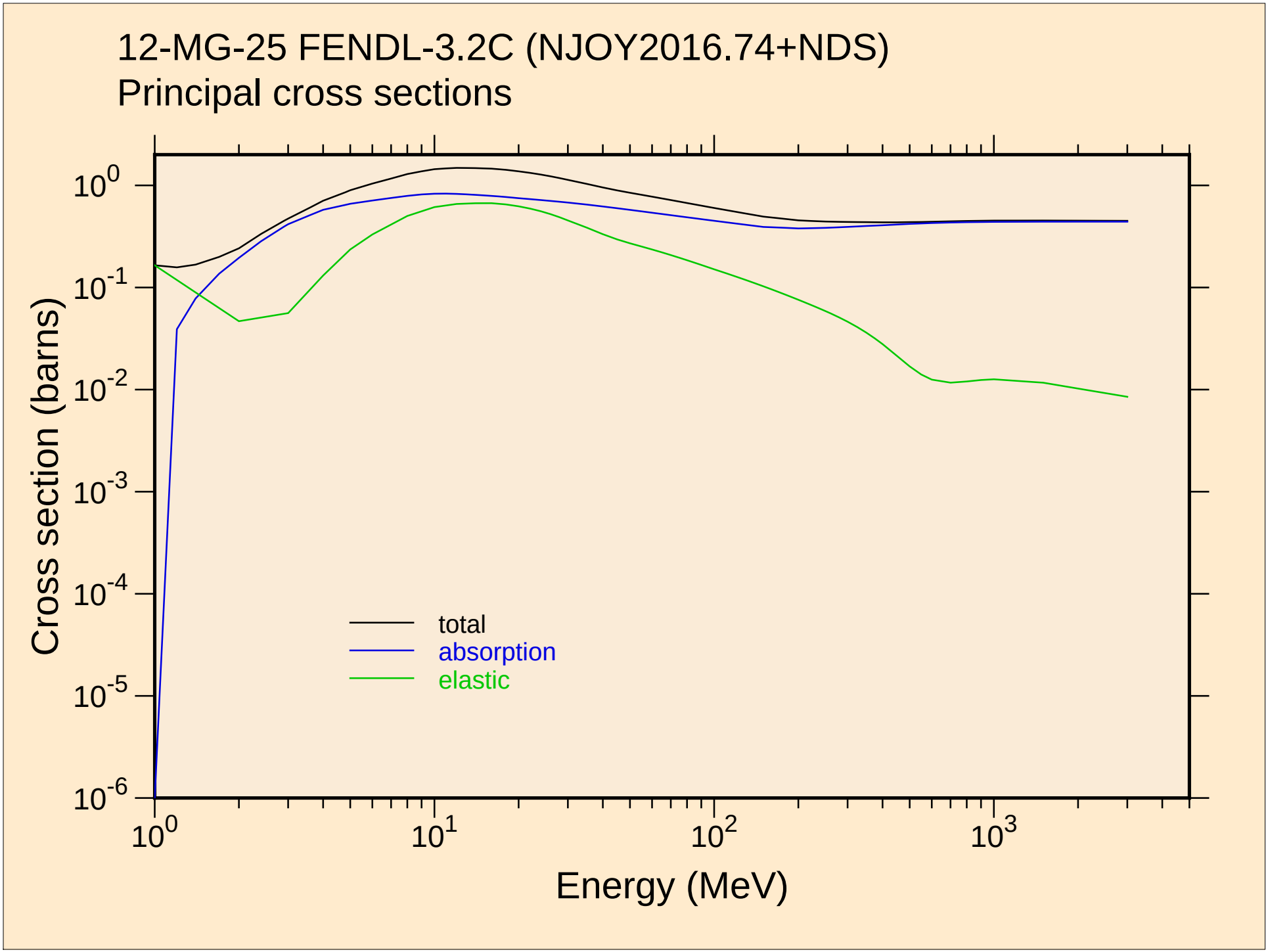
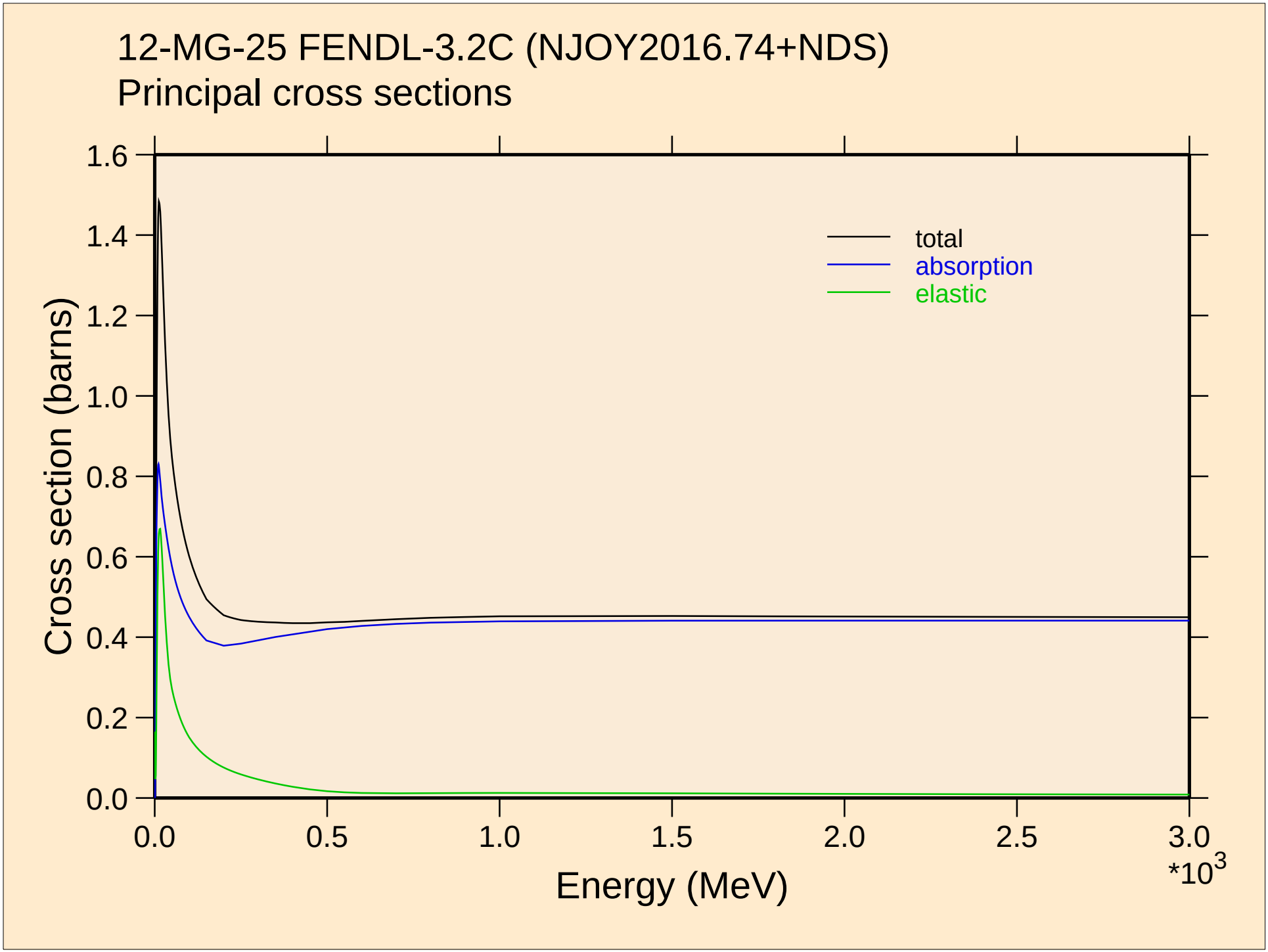
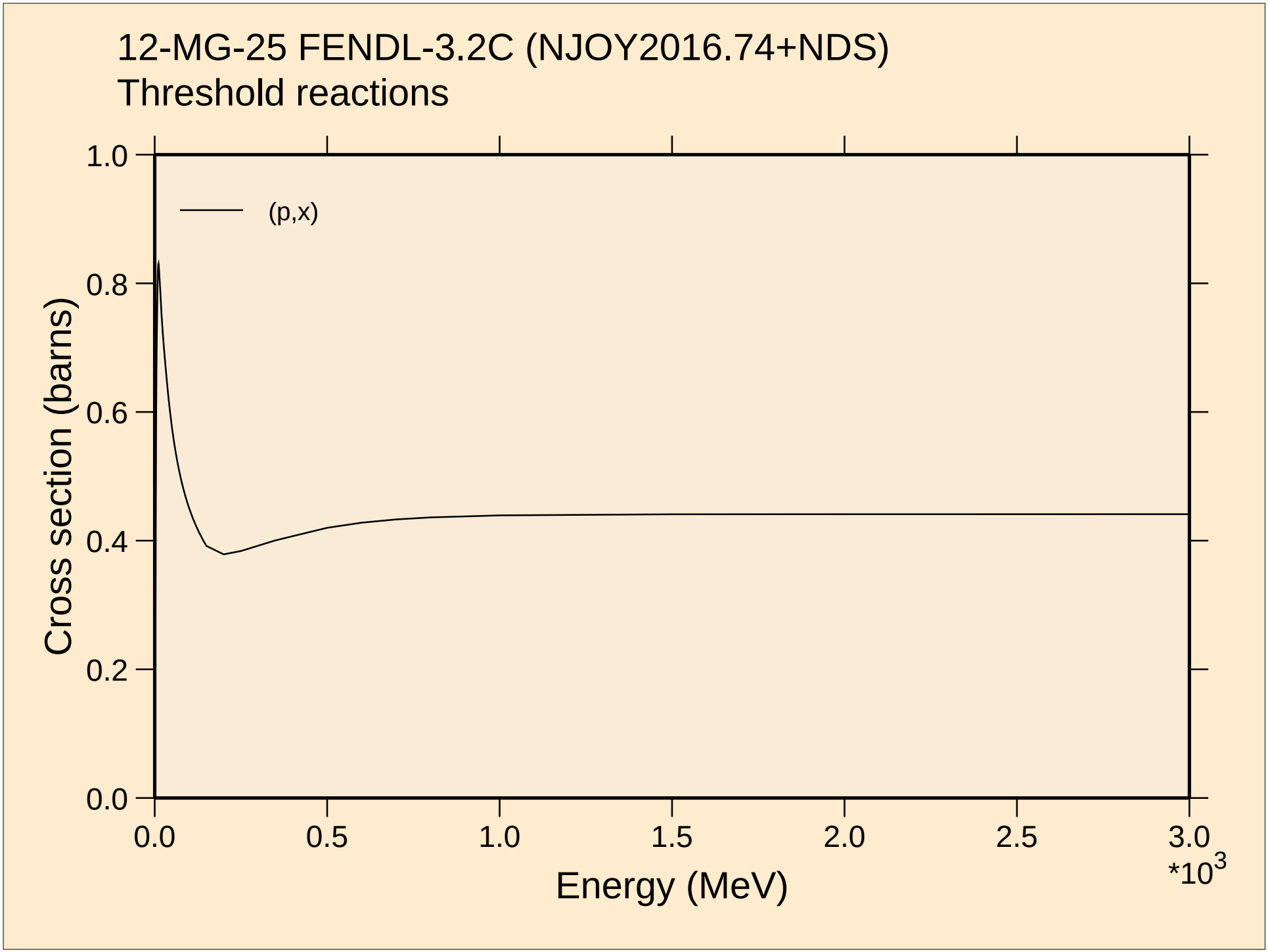
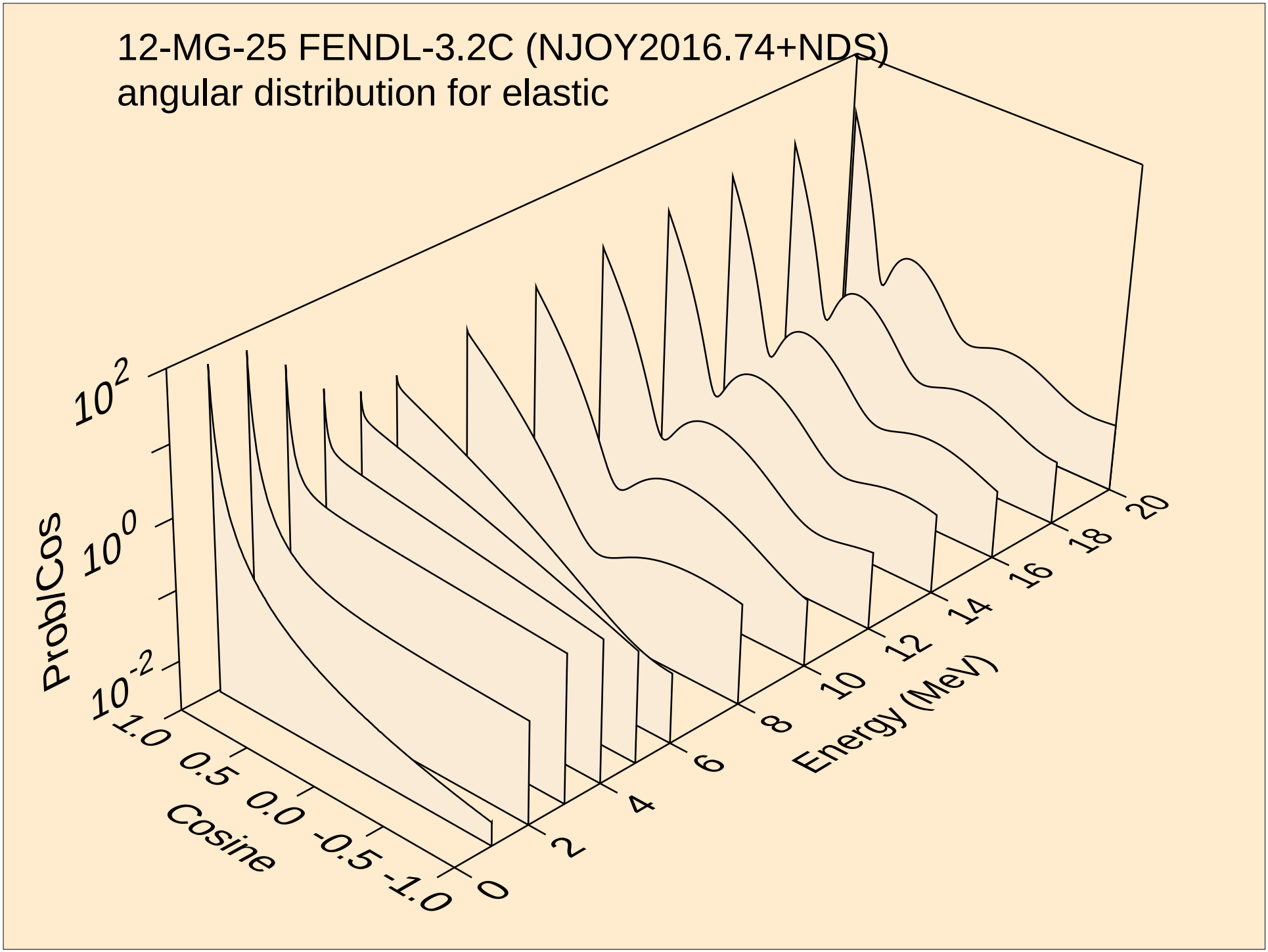
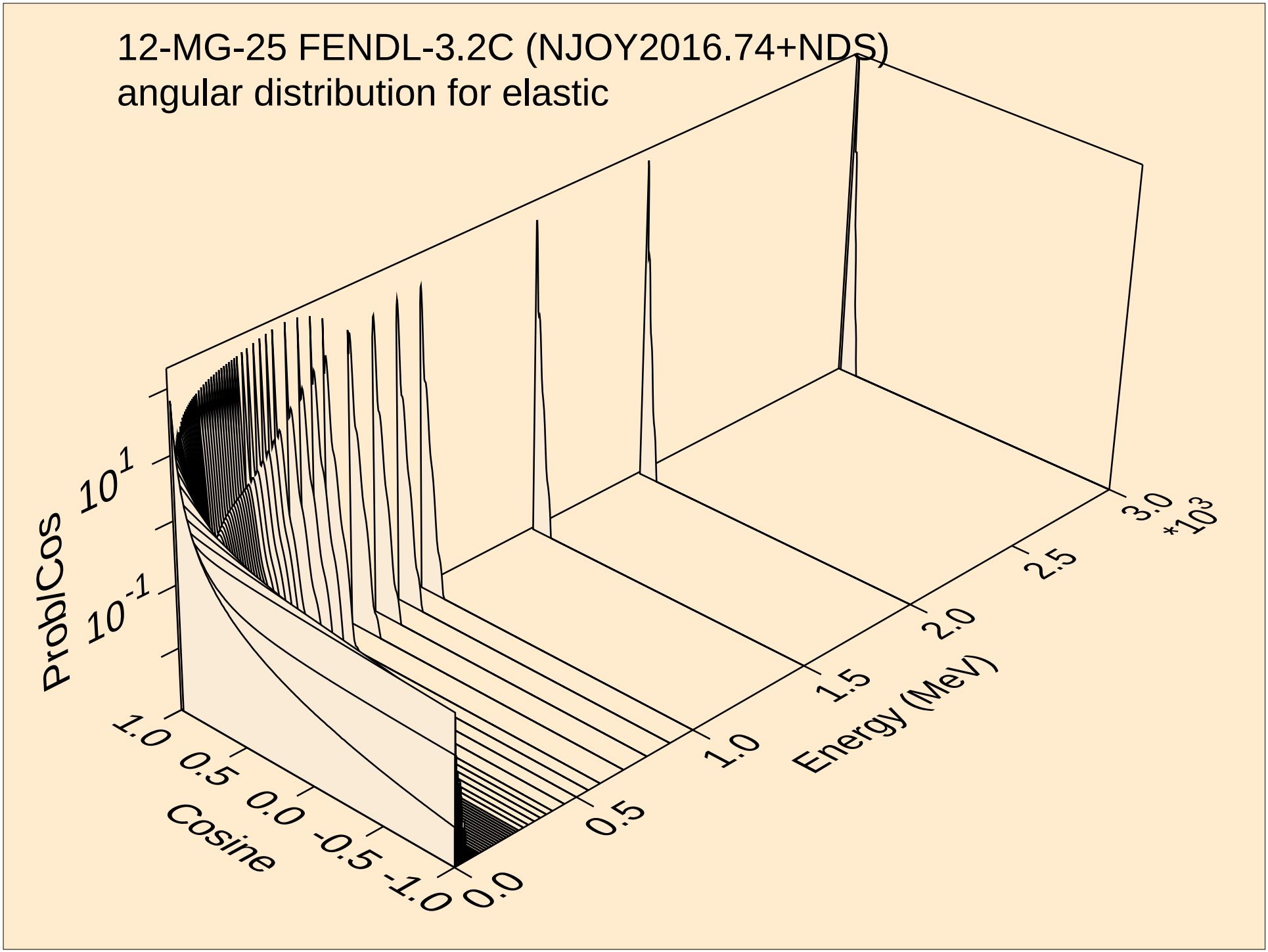

12-MG-25 FENDL-3.2C (NJOY2016.74+NDS)
Principal cross sections
Cross section (barns)
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{0}
10^{1}
10^{2}
10^{3}
Energy (MeV)
total
absorption
elastic


12-MG-25 FENDL-3.2C (NJOY2016.74+NDS)
Principal cross sections
Cross section (barns)
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
*10^3
Energy (MeV)
total
absorption
elastic


12-MG-25 FENDL-3.2C (NJOY2016.74+NDS)
Threshold reactions
(p,x)
Cross section (barns)
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
*10^3
Energy (MeV)


12-MG-25 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for elastic
ProbICos
10^{2}
10^{0}
10^{-2}
1.0
0.5
0.0
-0.5
-1.0
Cosine
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)


12-MG-25 FENDL-3.2C (NJOY2016.74+NDS)
angular distribution for elastic
ProbICos
10^1
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)