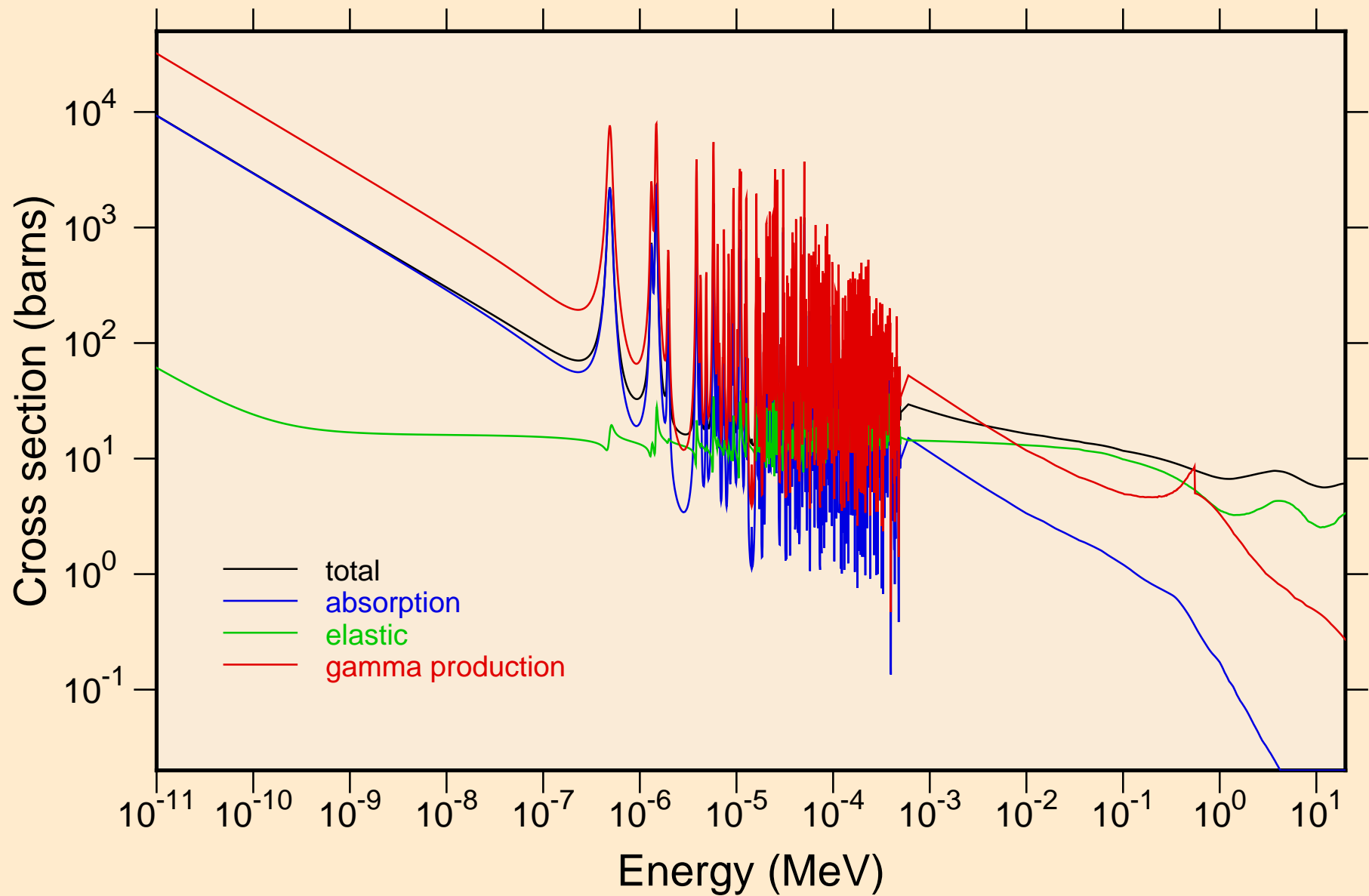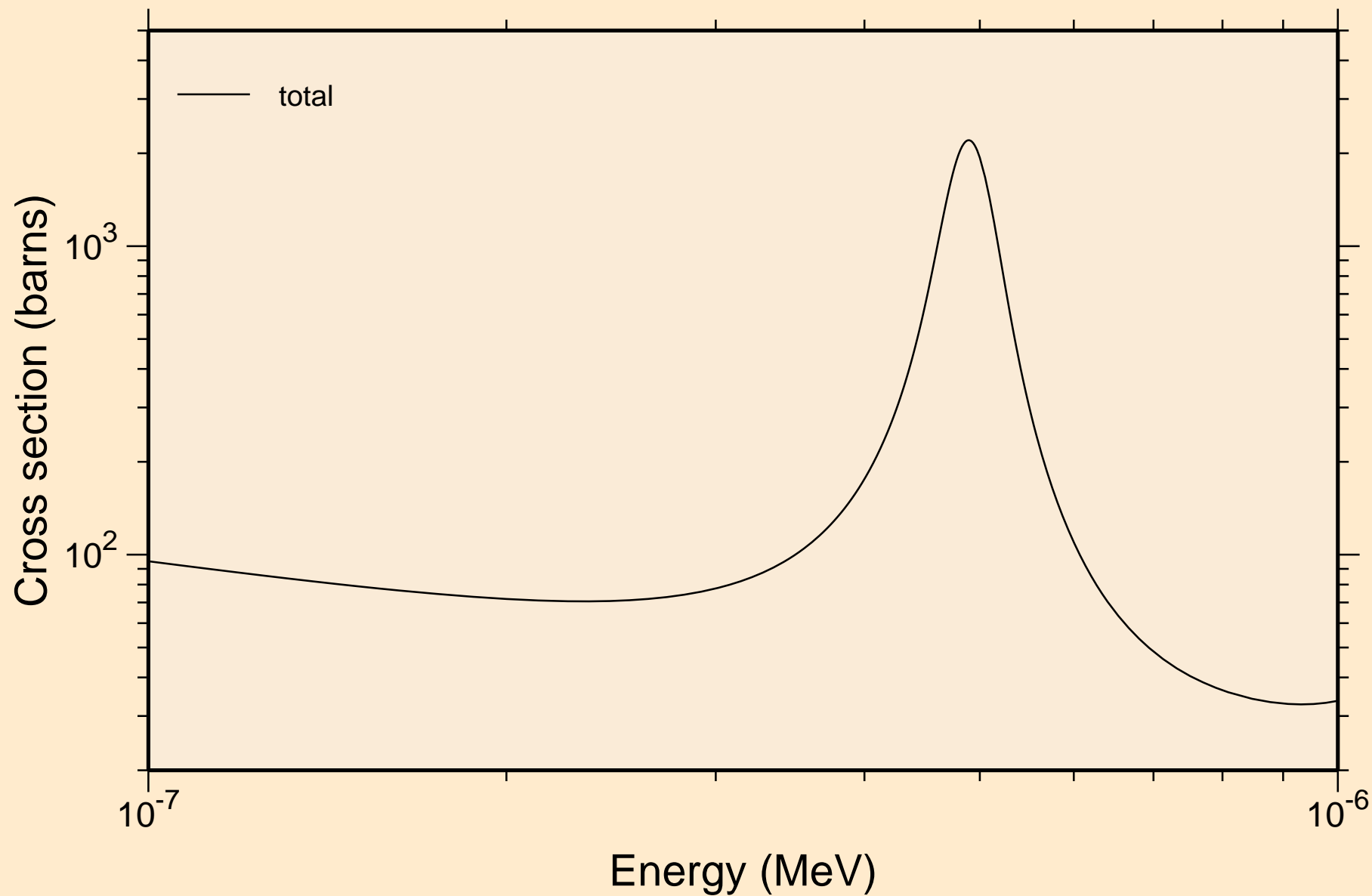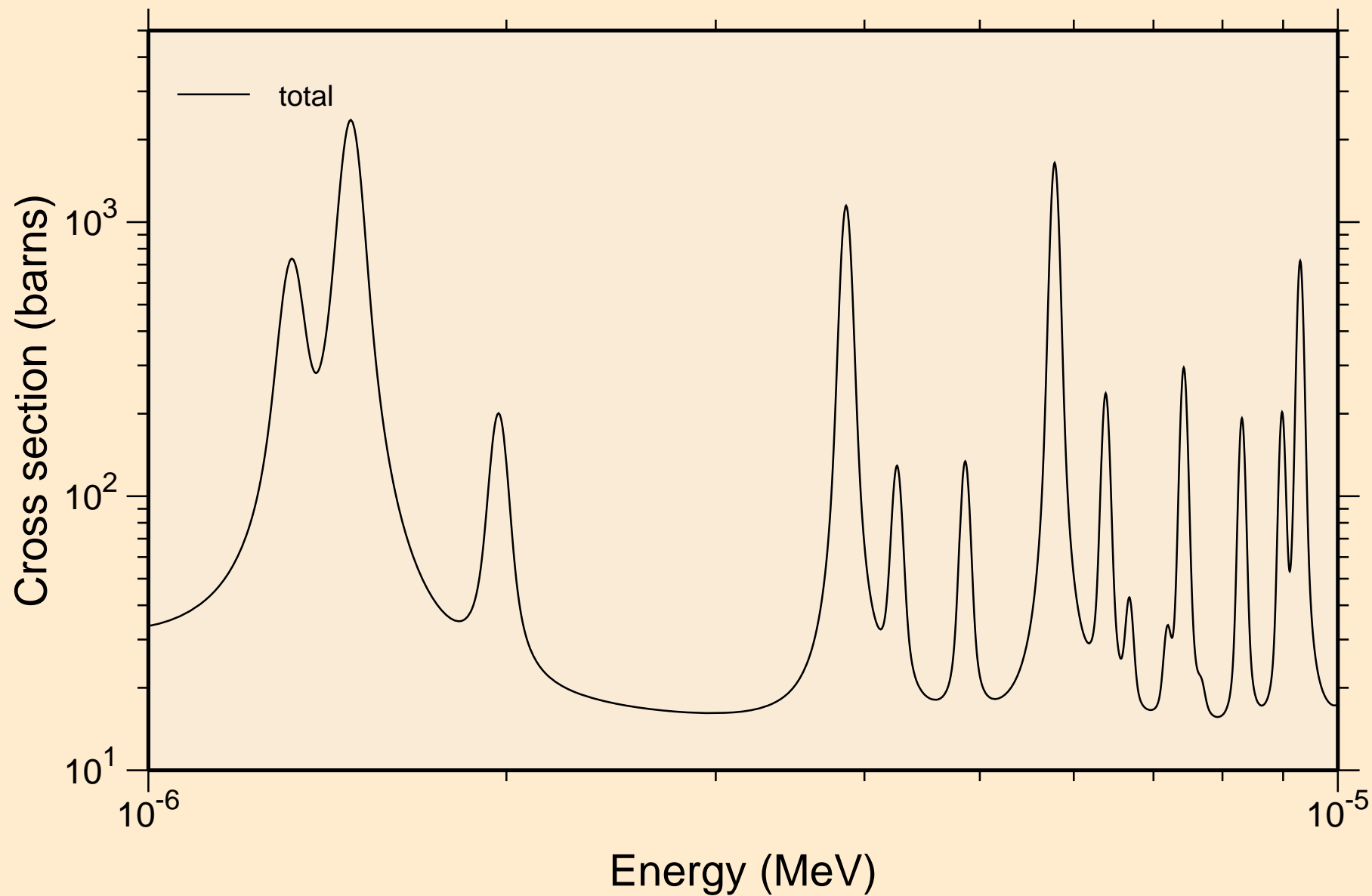MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Principal cross sections

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
resonance total cross section

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
resonance total cross section

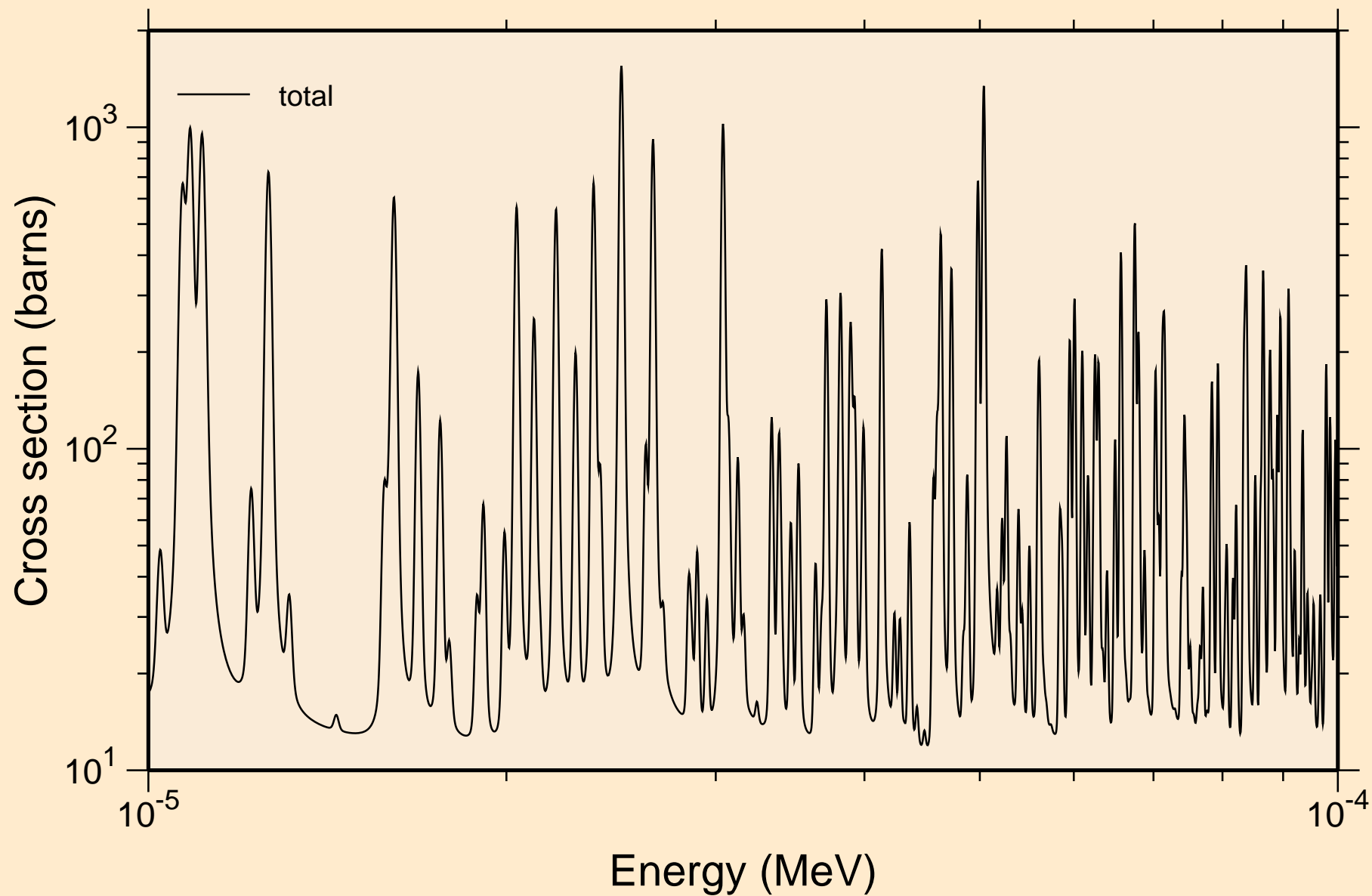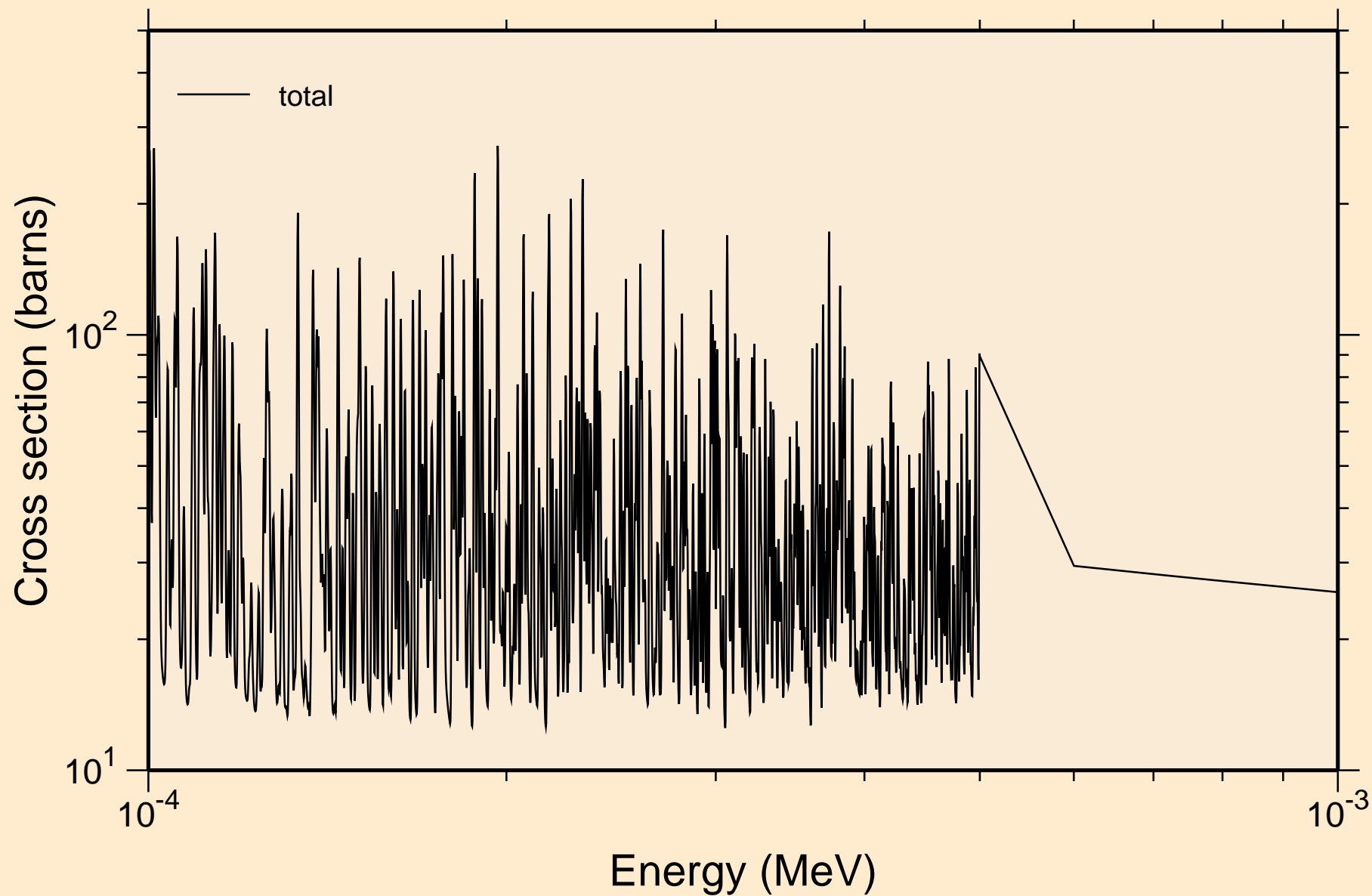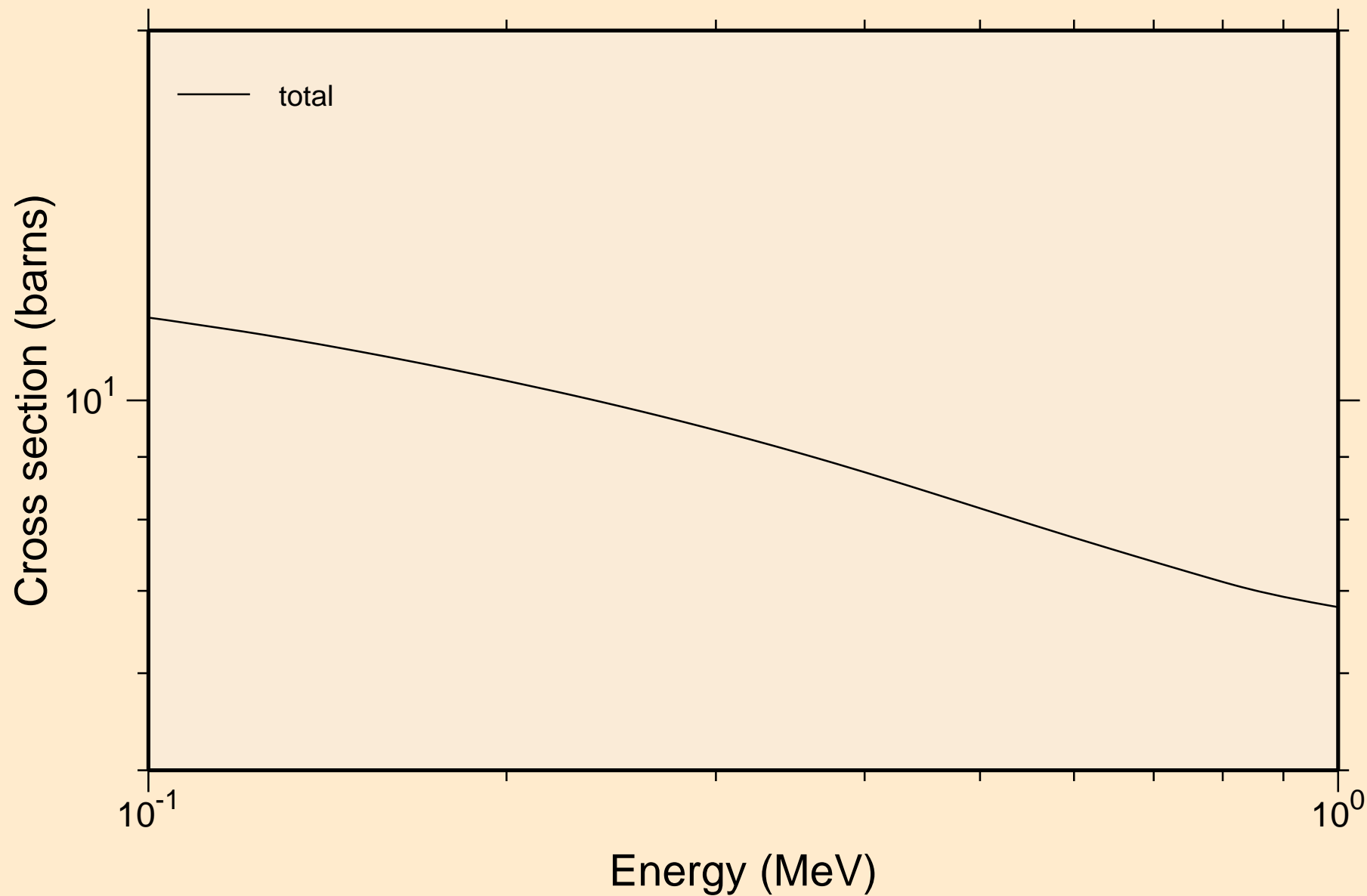MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
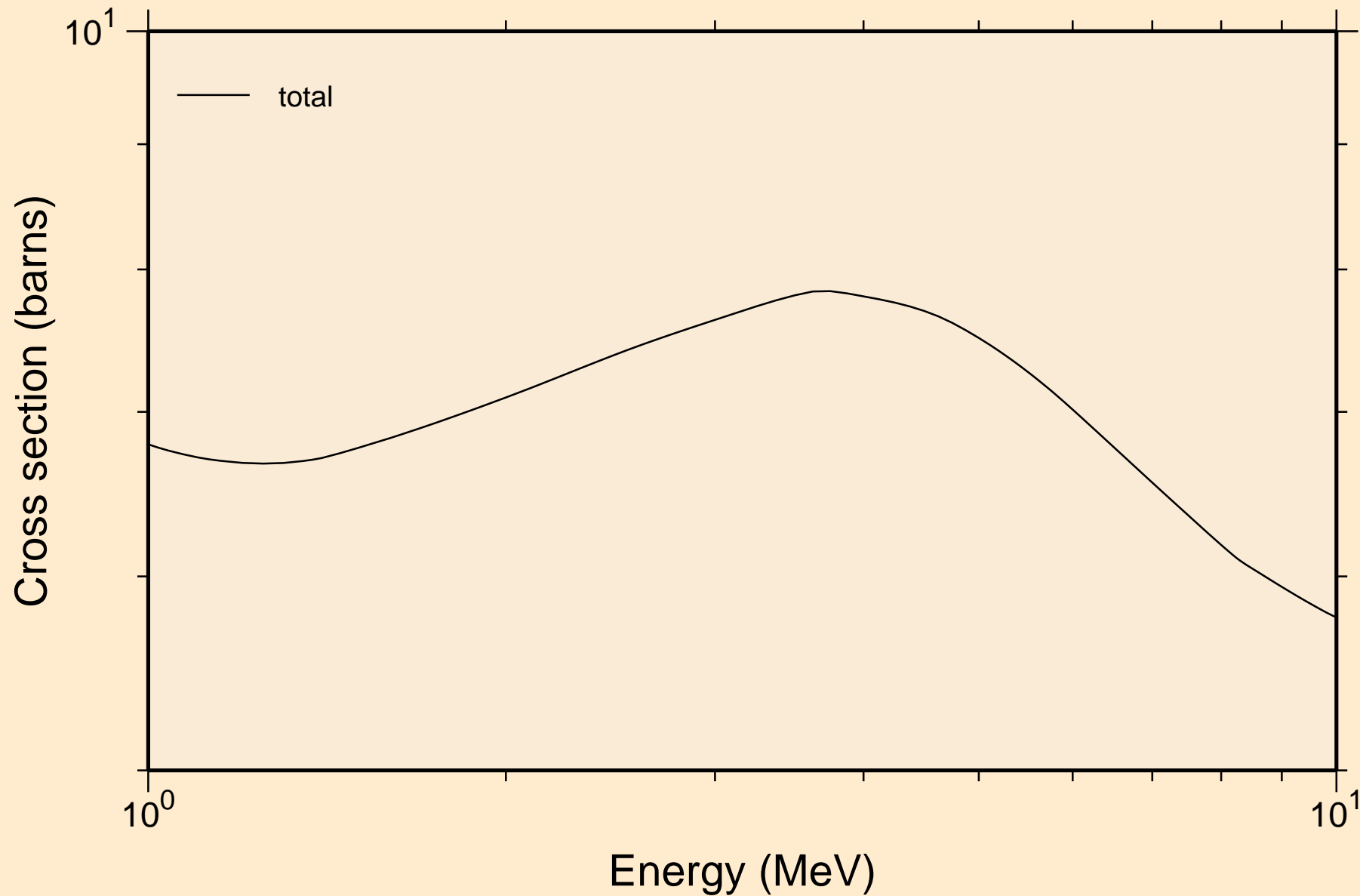resonance total cross section

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
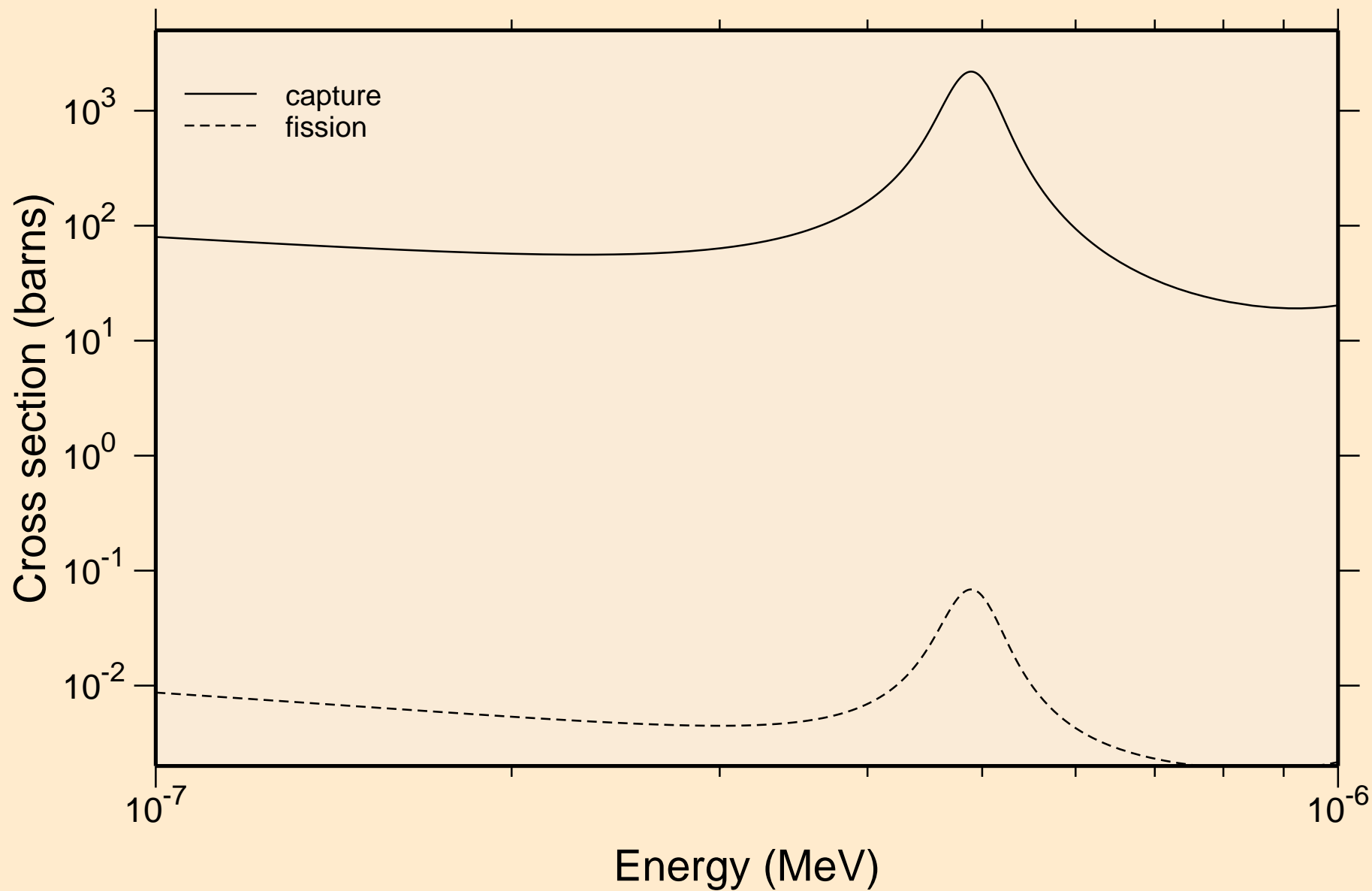resonance total cross section

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
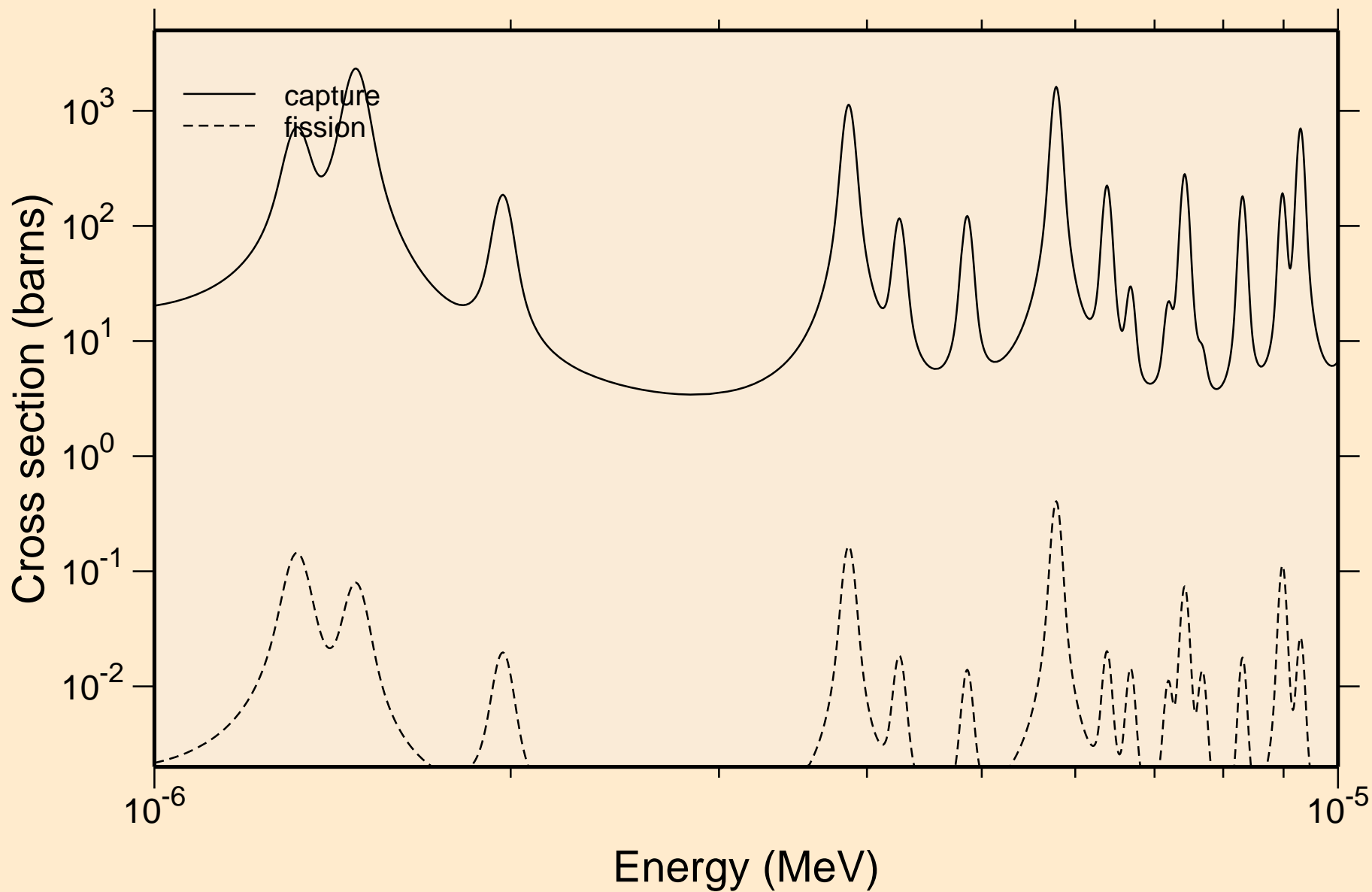resonance total cross section

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
resonance total cross section

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
resonance absorption cross sections

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
resonance absorption cross sections
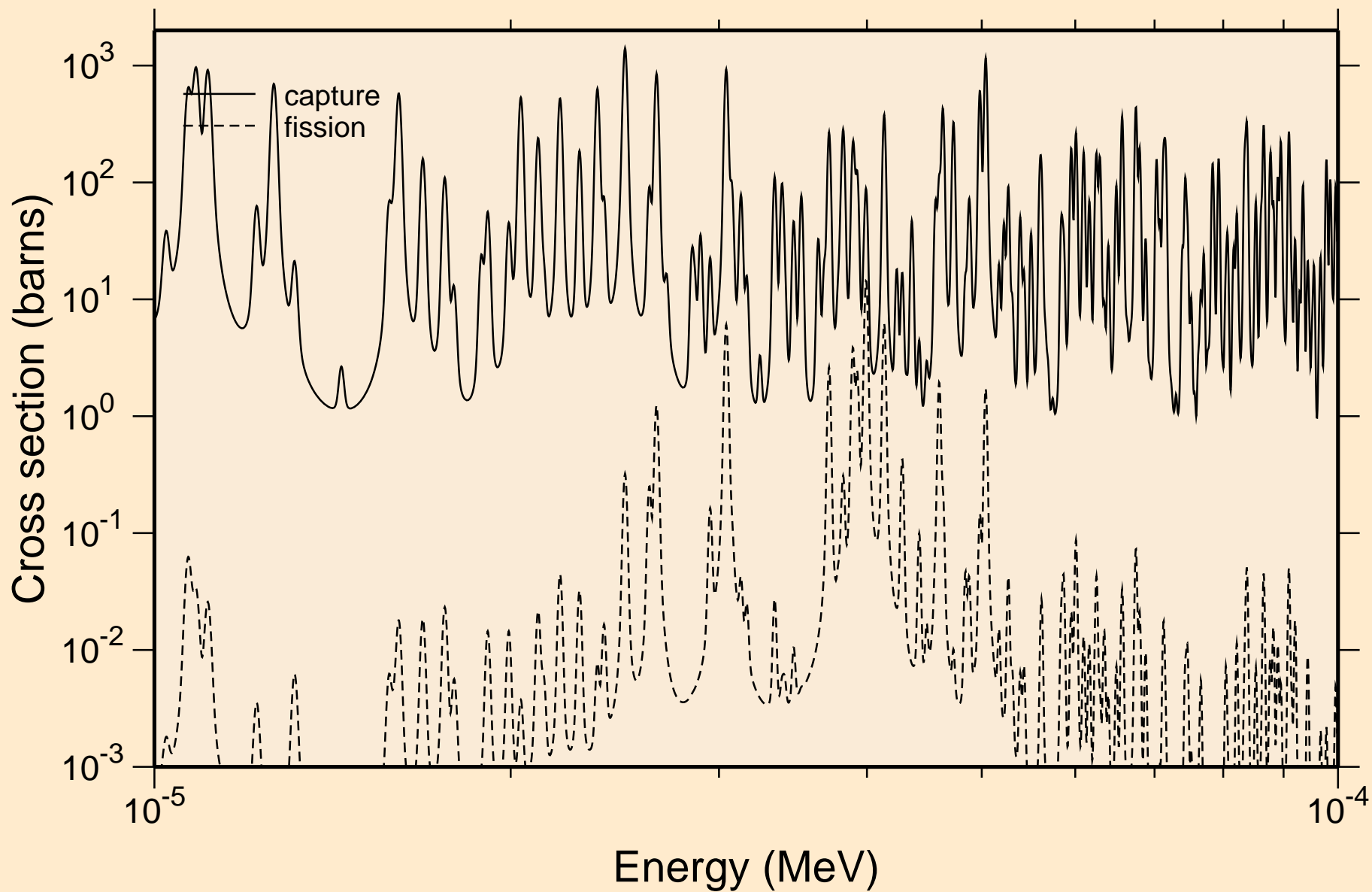
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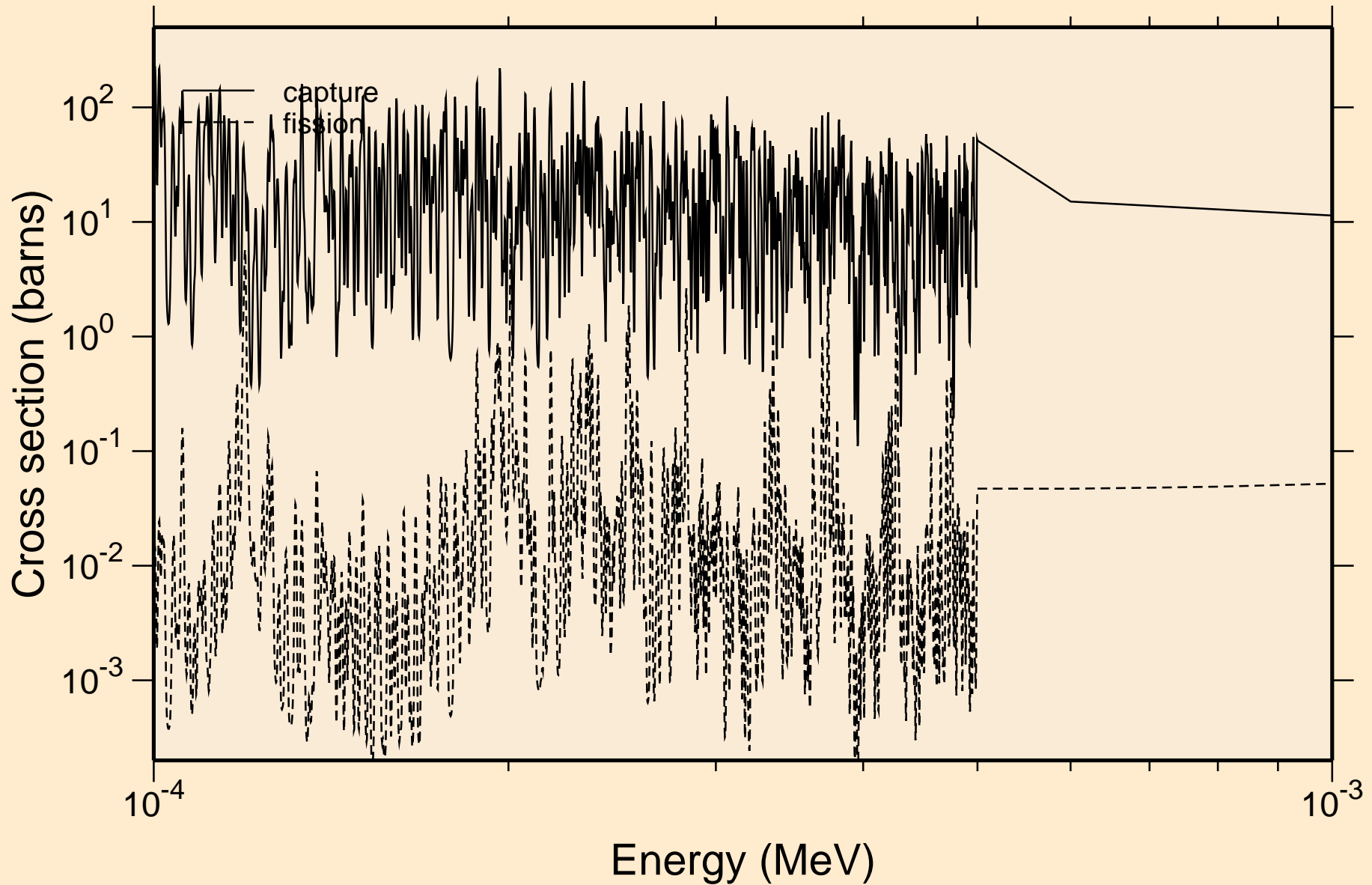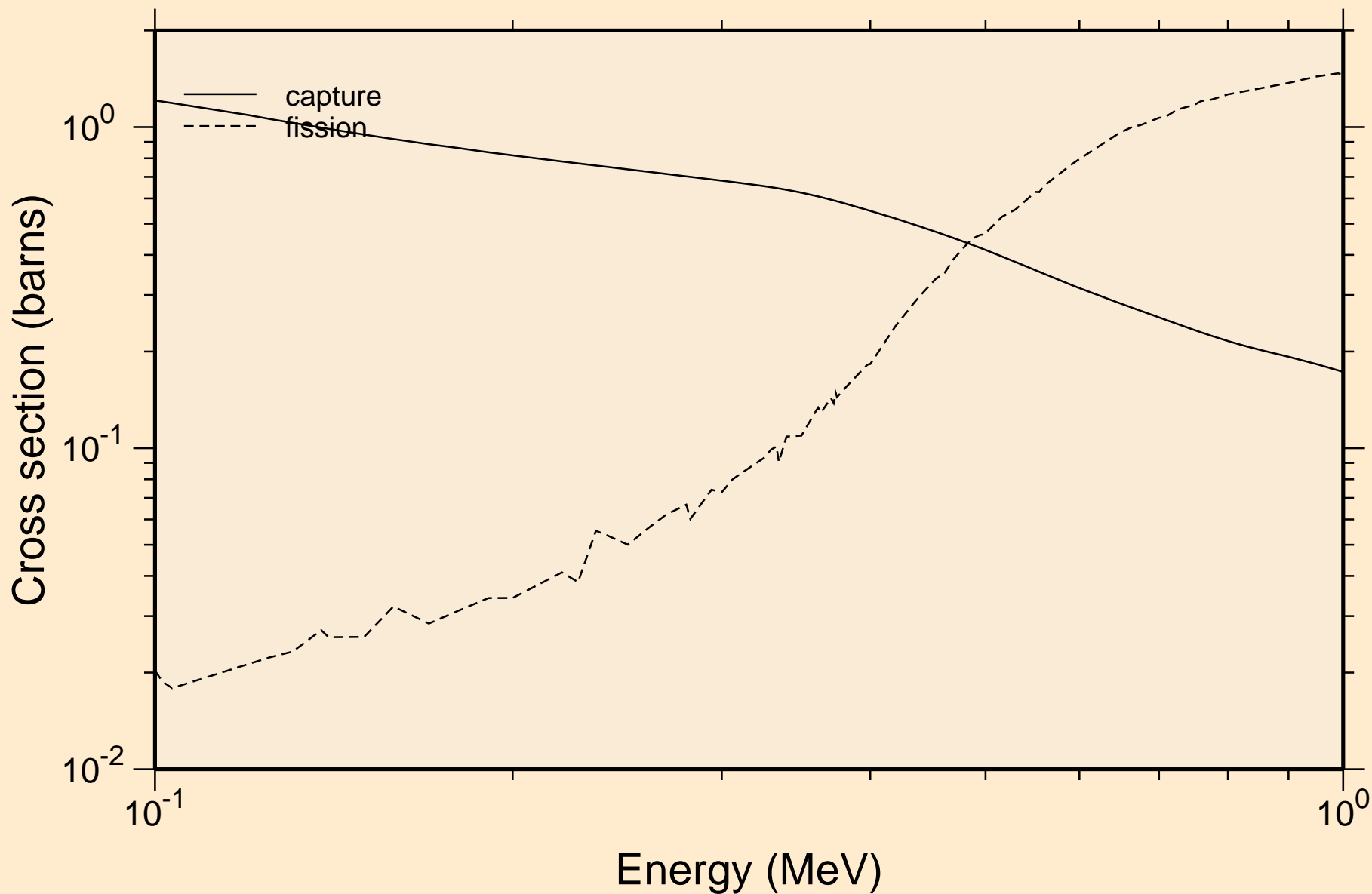resonance absorption cross sections

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
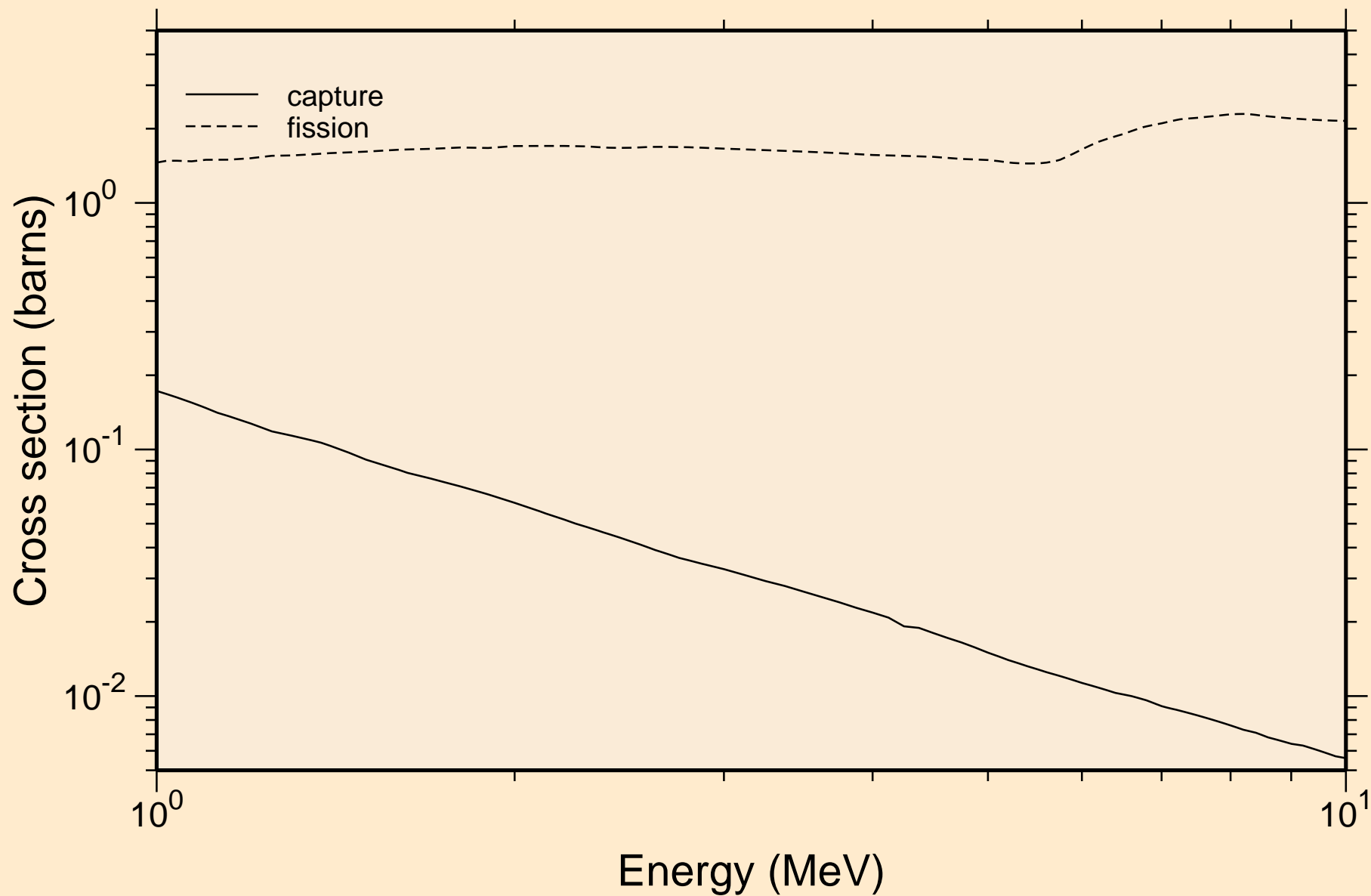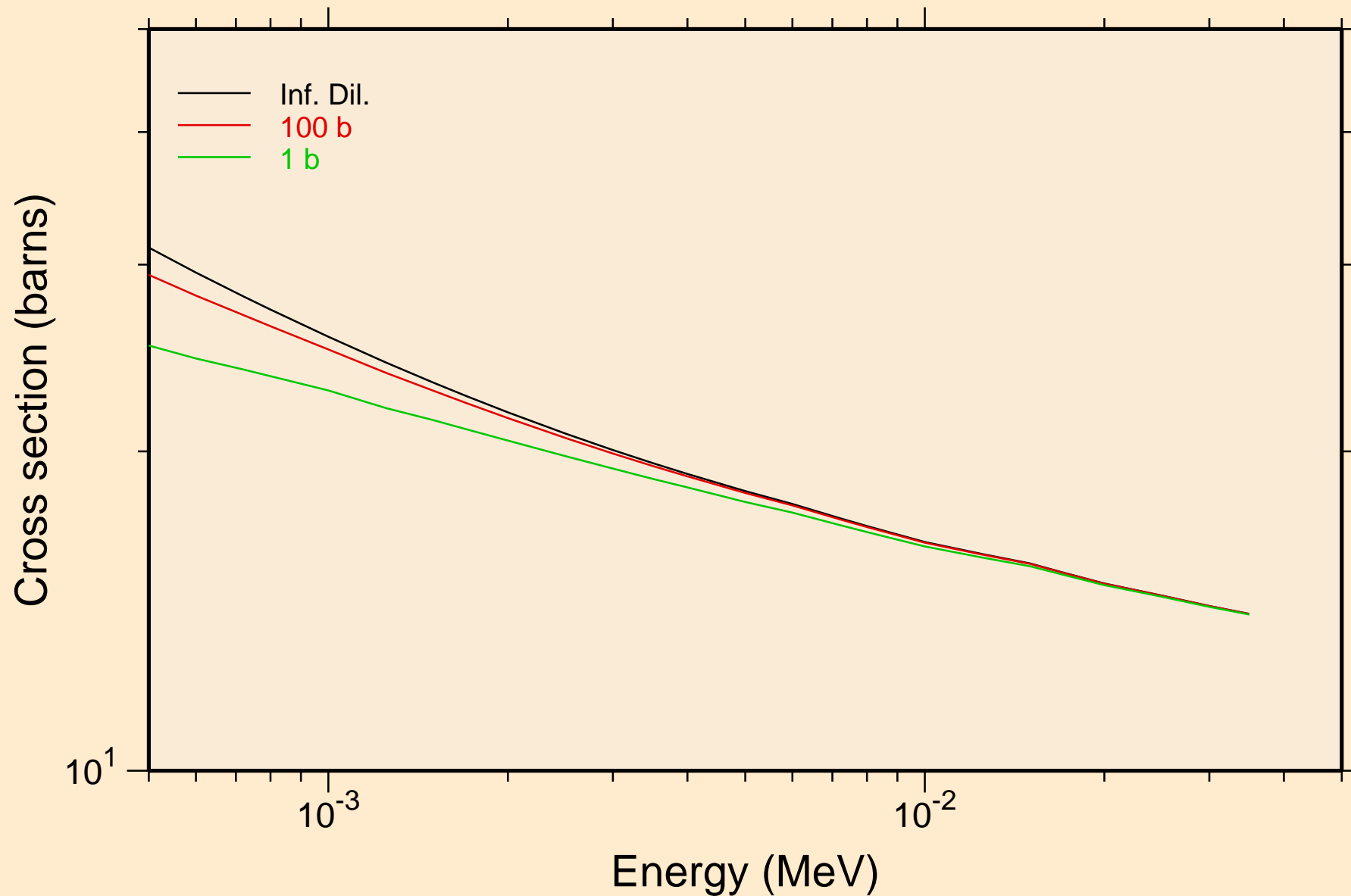resonance absorption cross sections

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
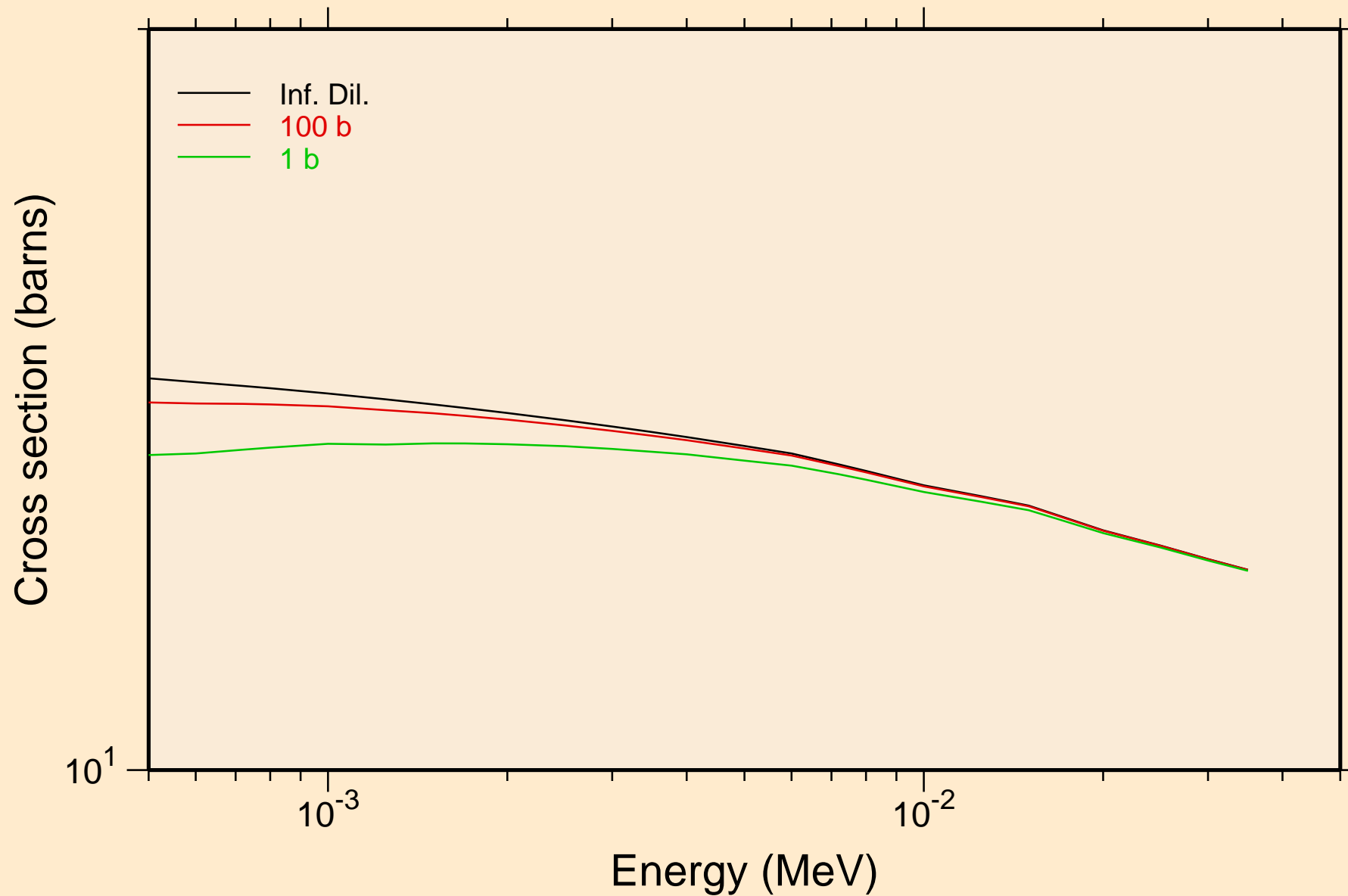resonance absorption cross sections

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
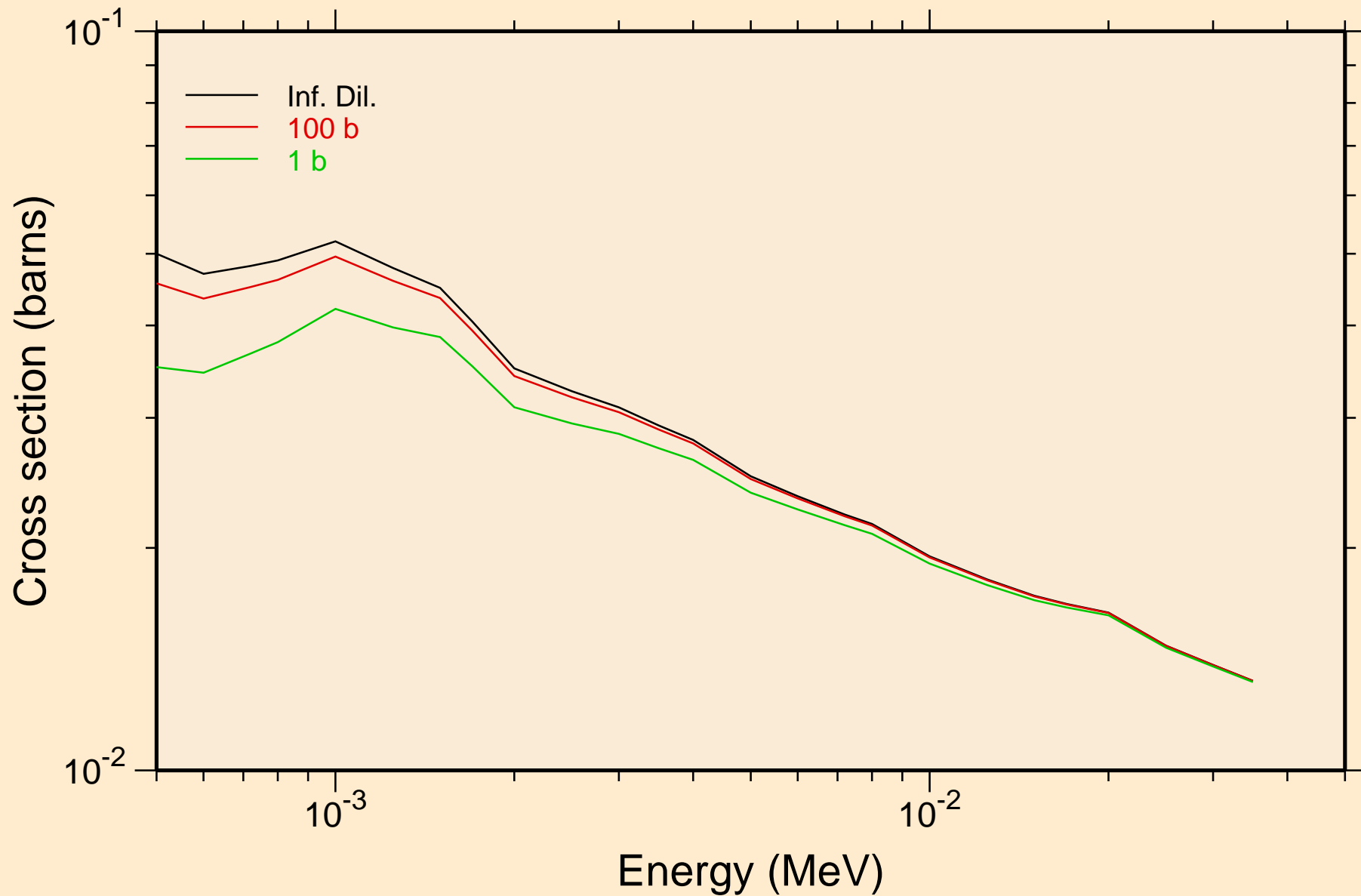resonance absorption cross sections

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
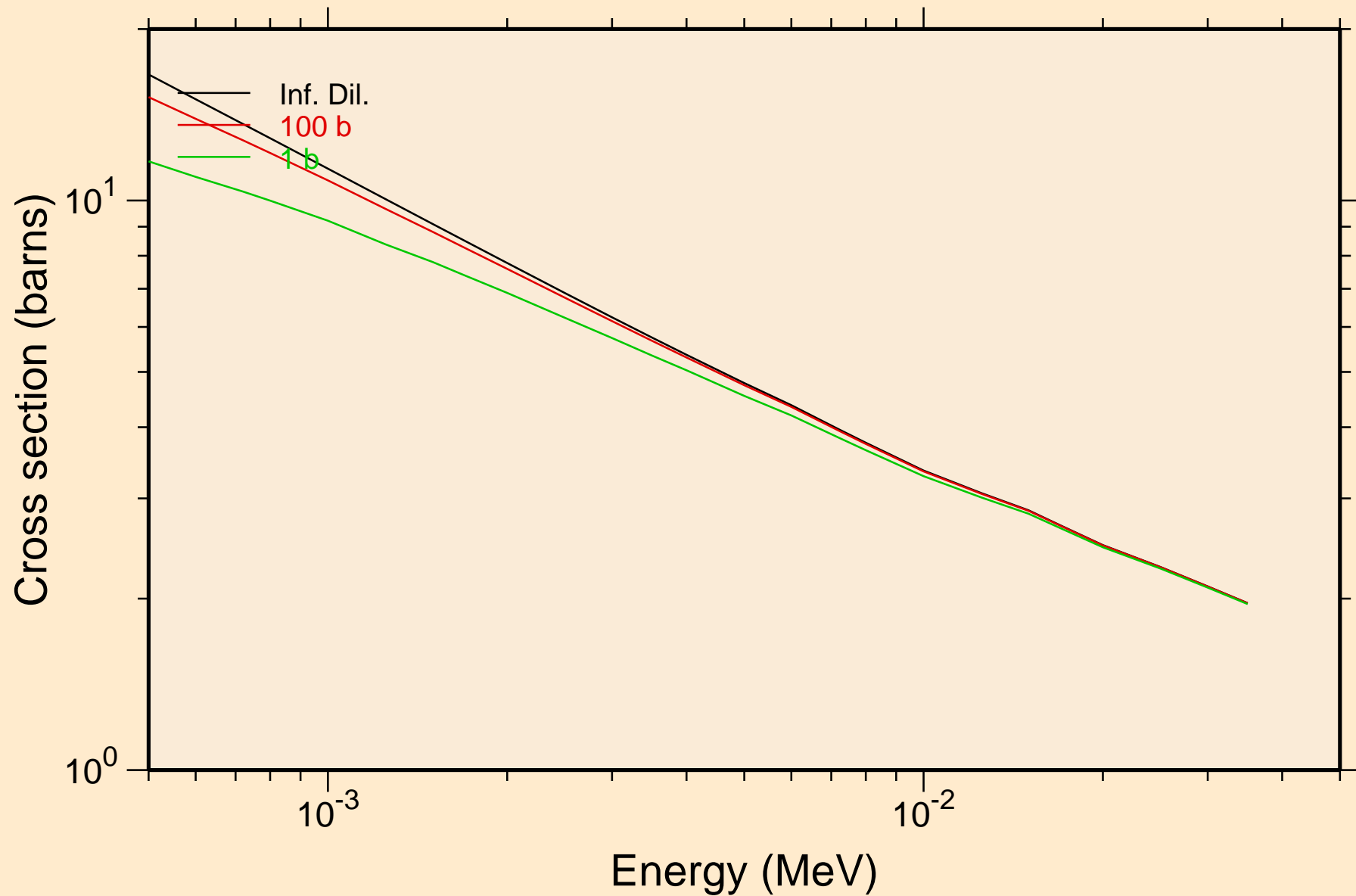UR total cross section

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
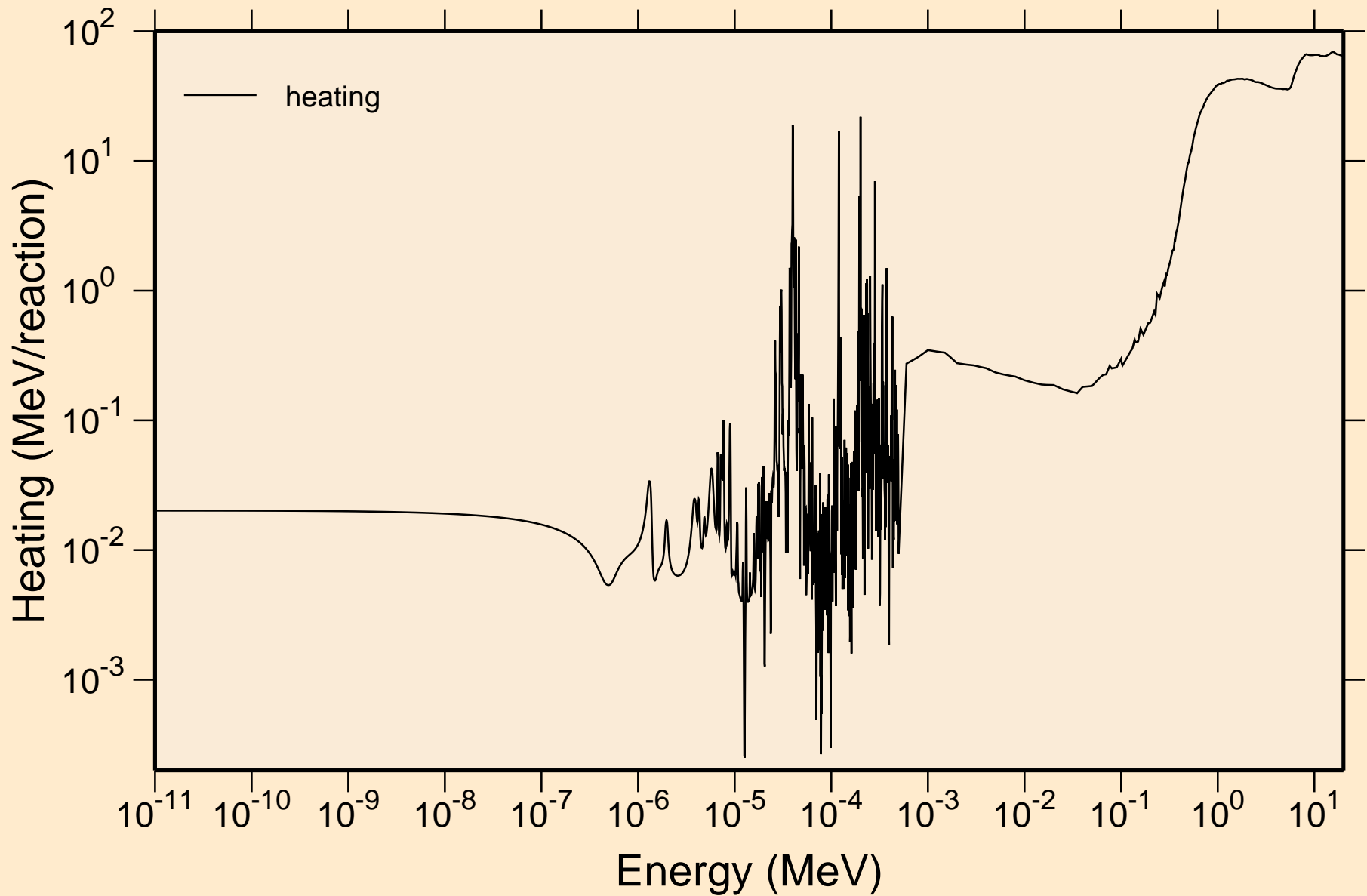UR elastic cross section

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
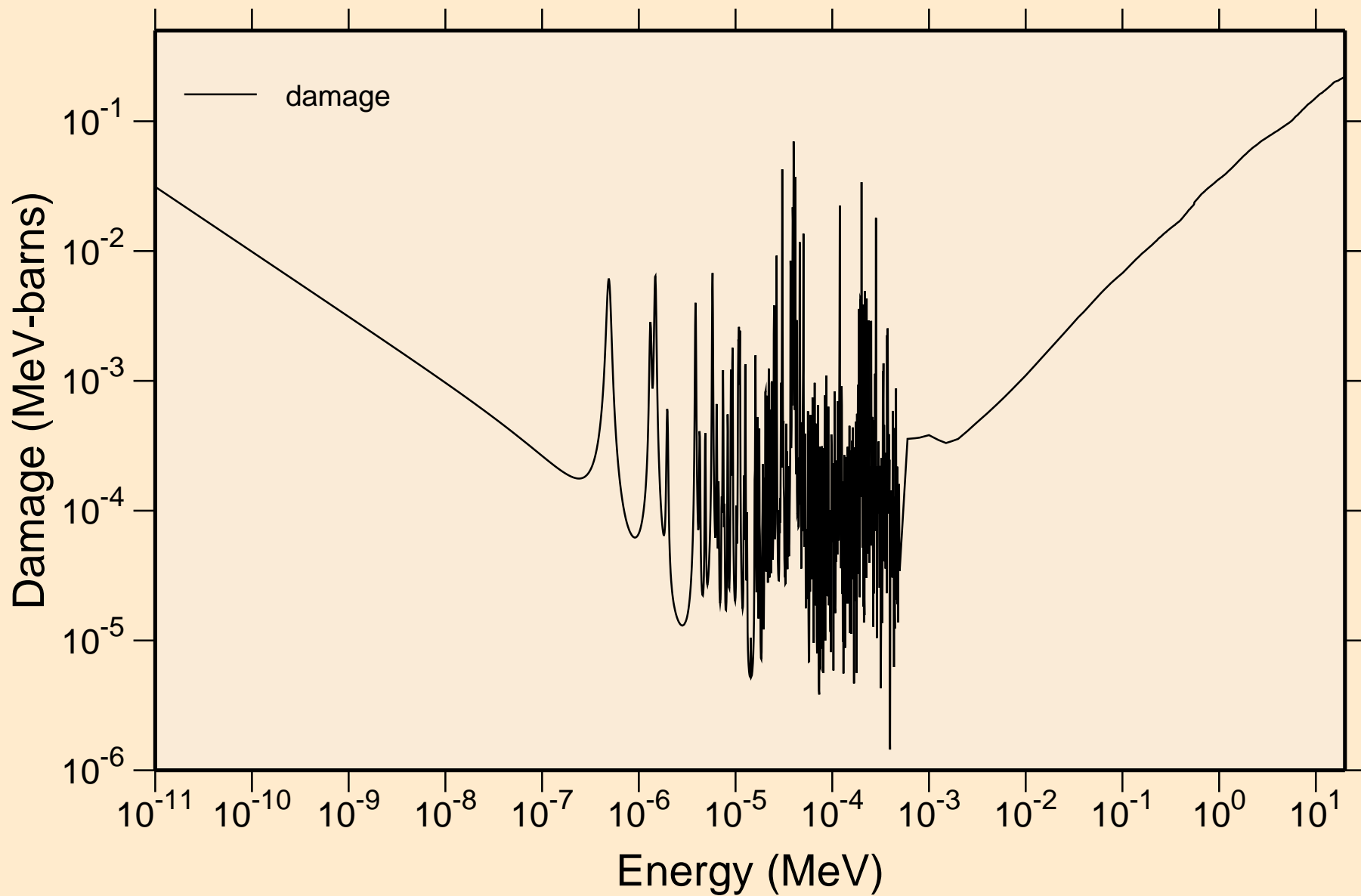UR fission cross section

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
UR capture cross section

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Heating

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Damage

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Non-threshold reactions

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
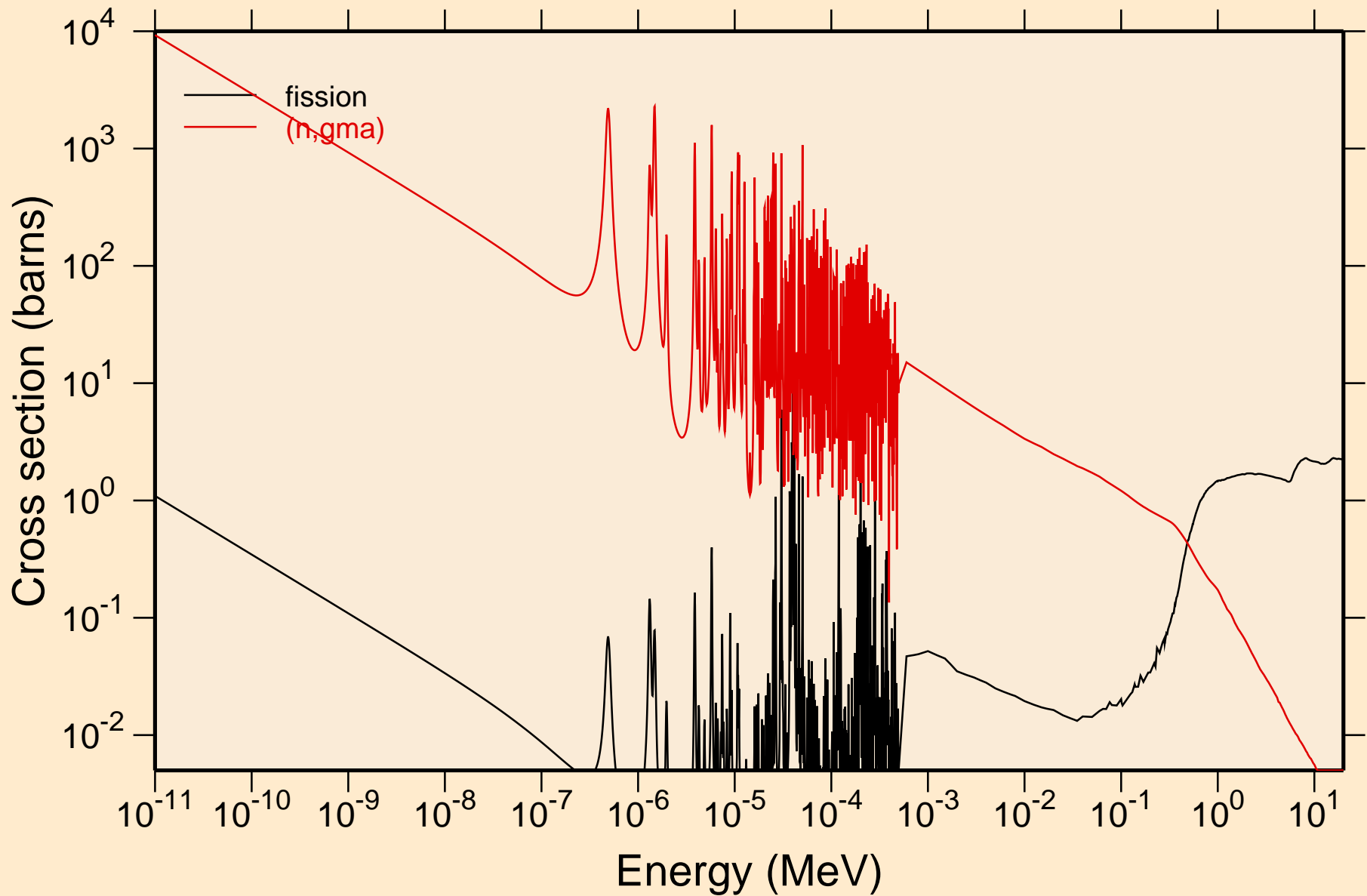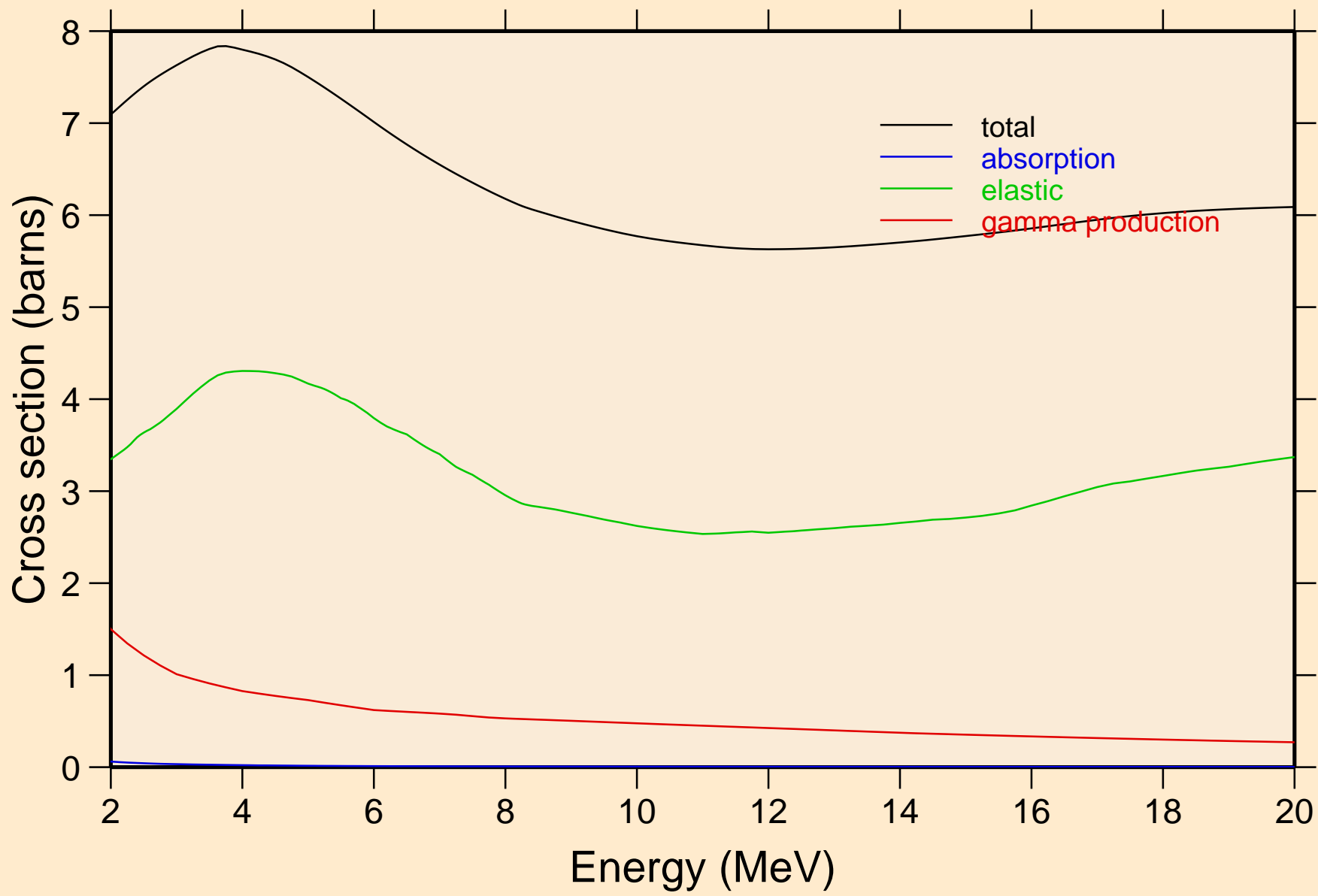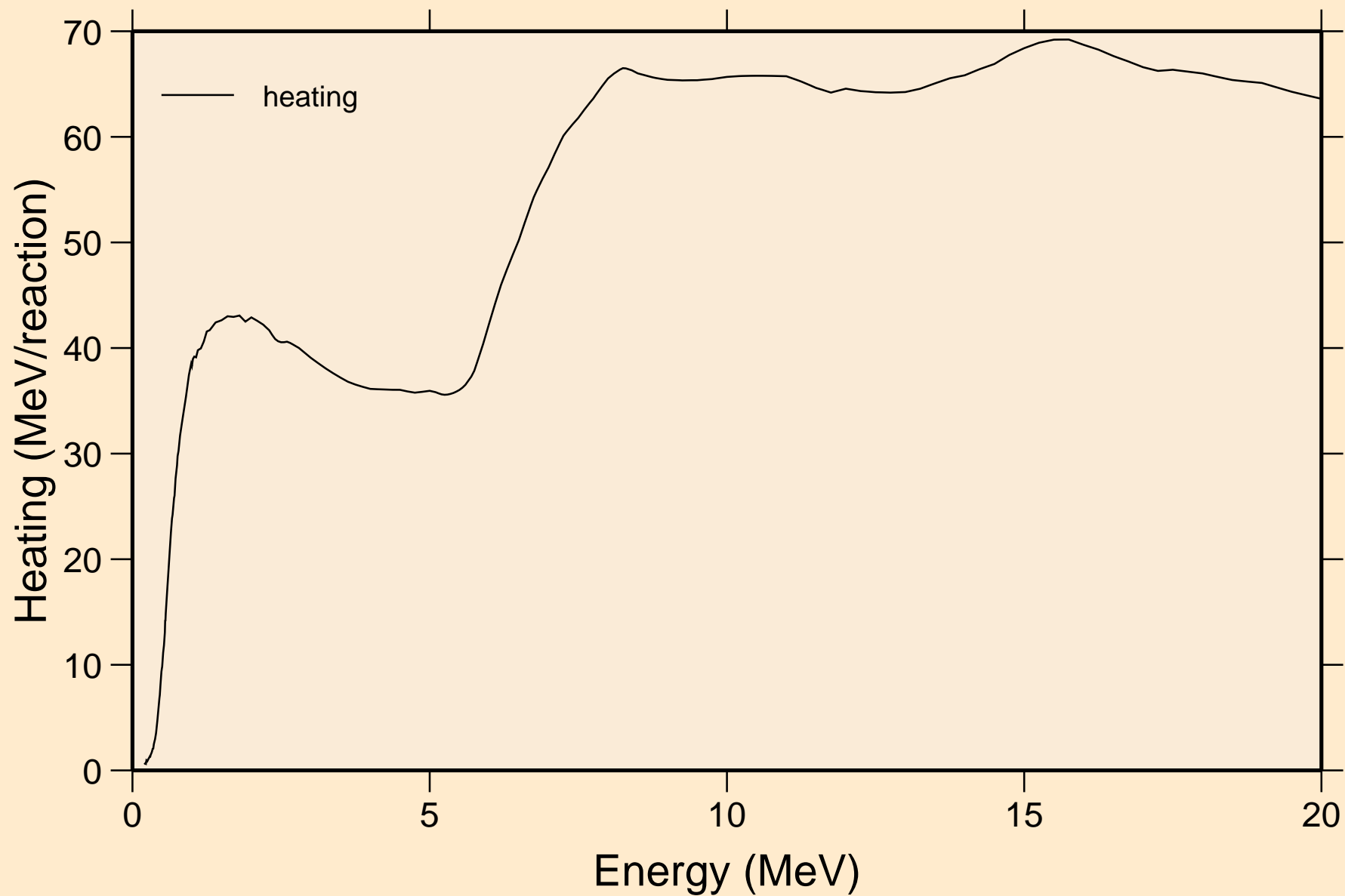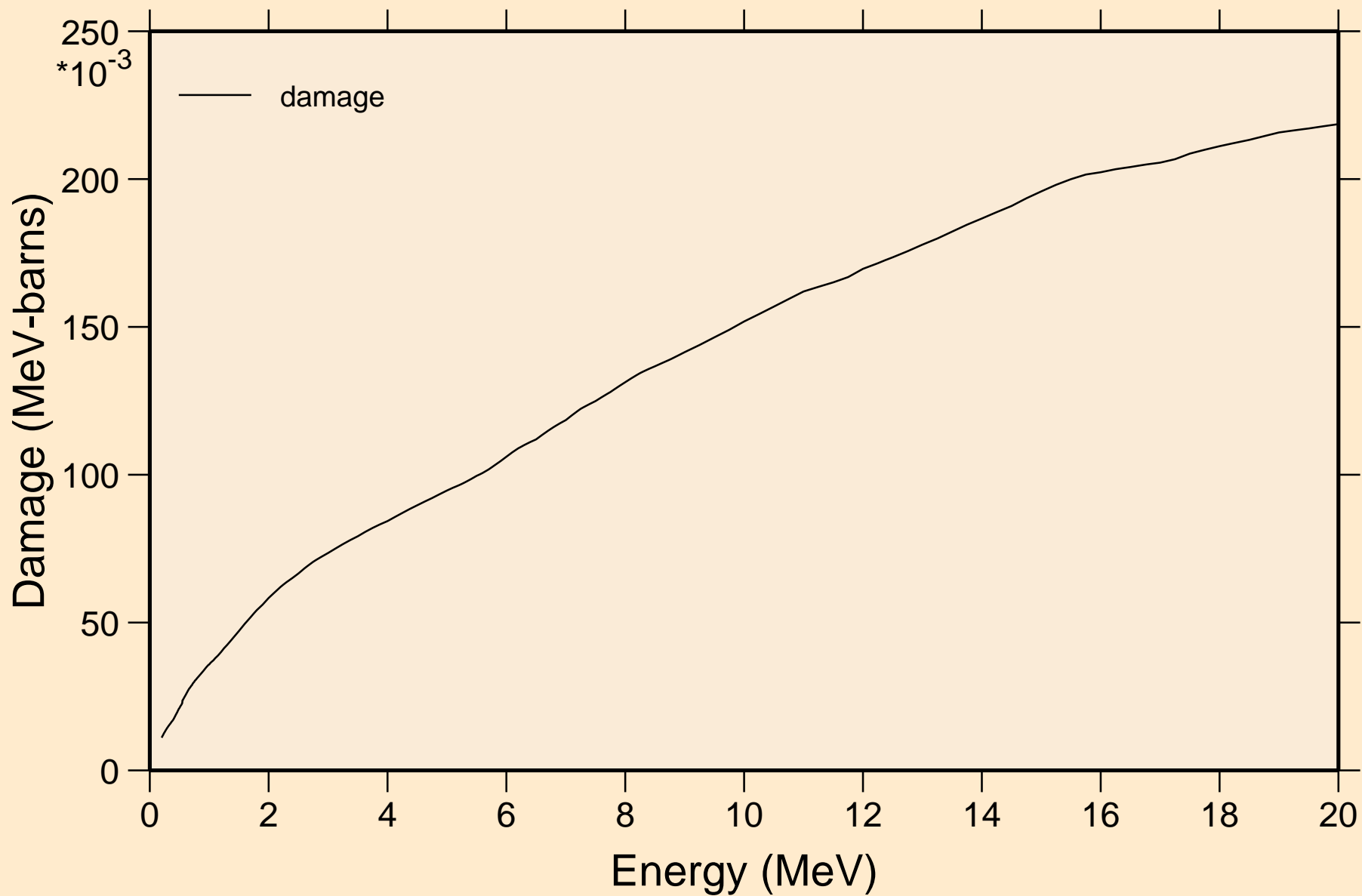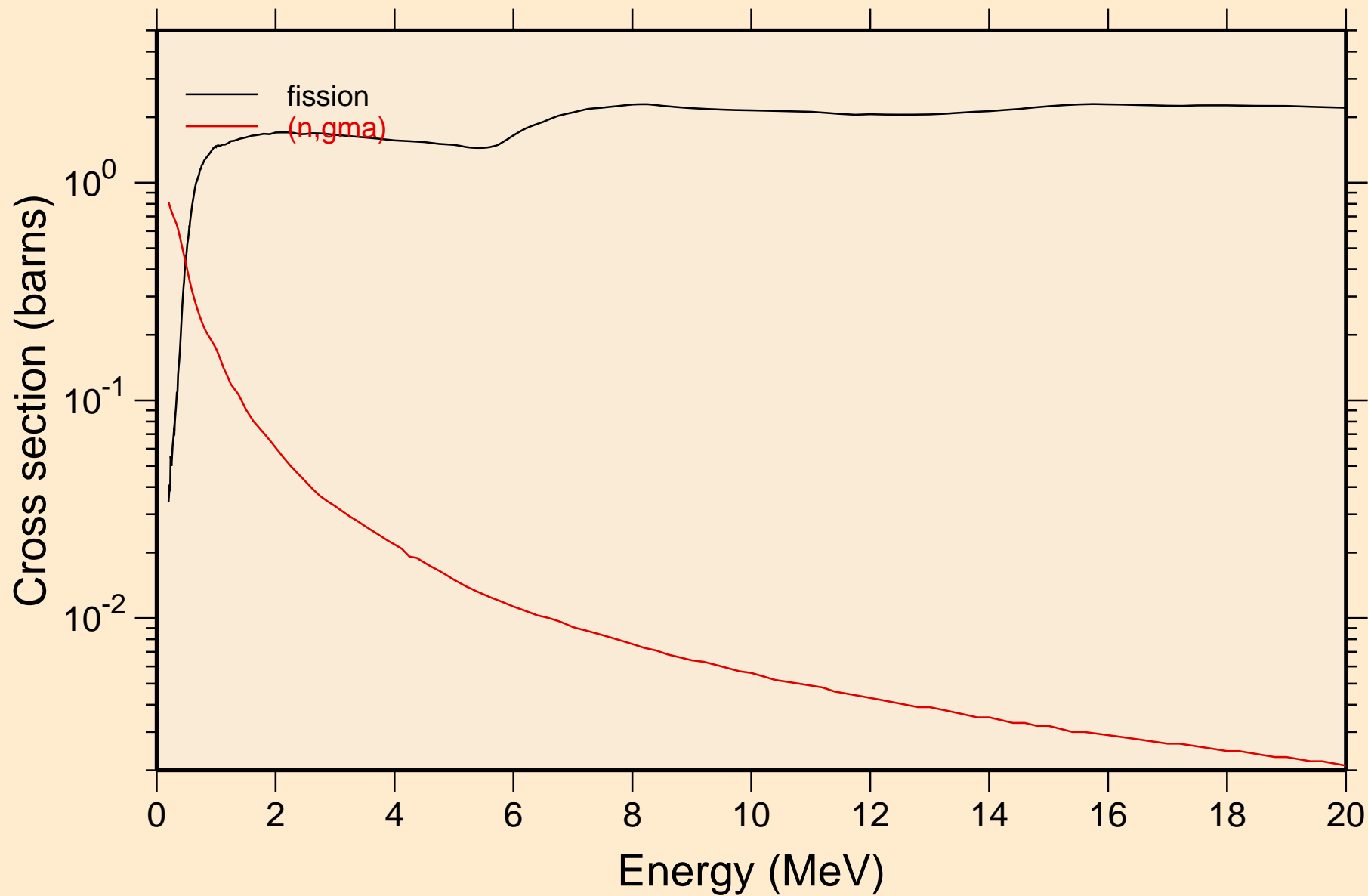Principal cross sections

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
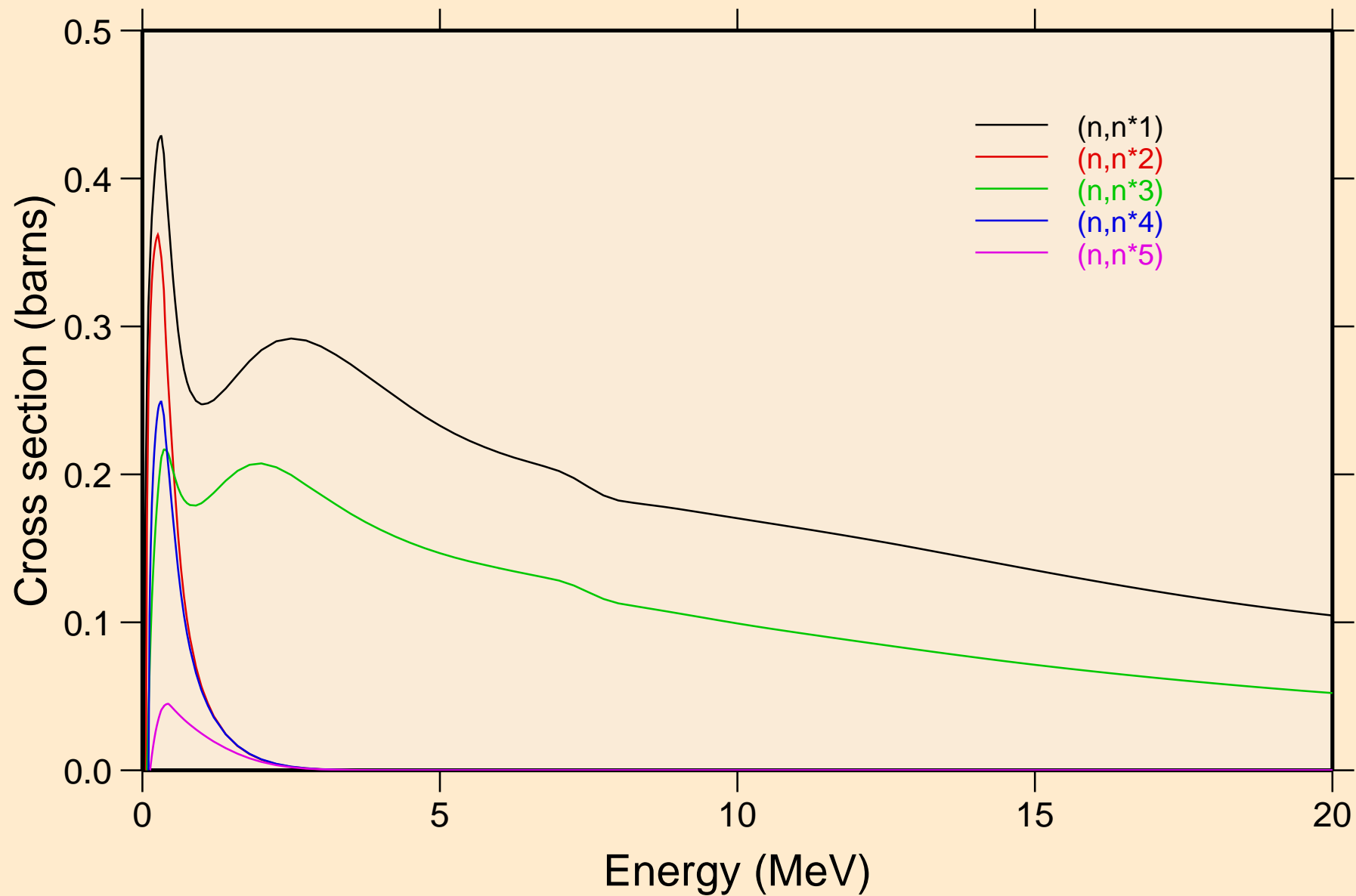Heating

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
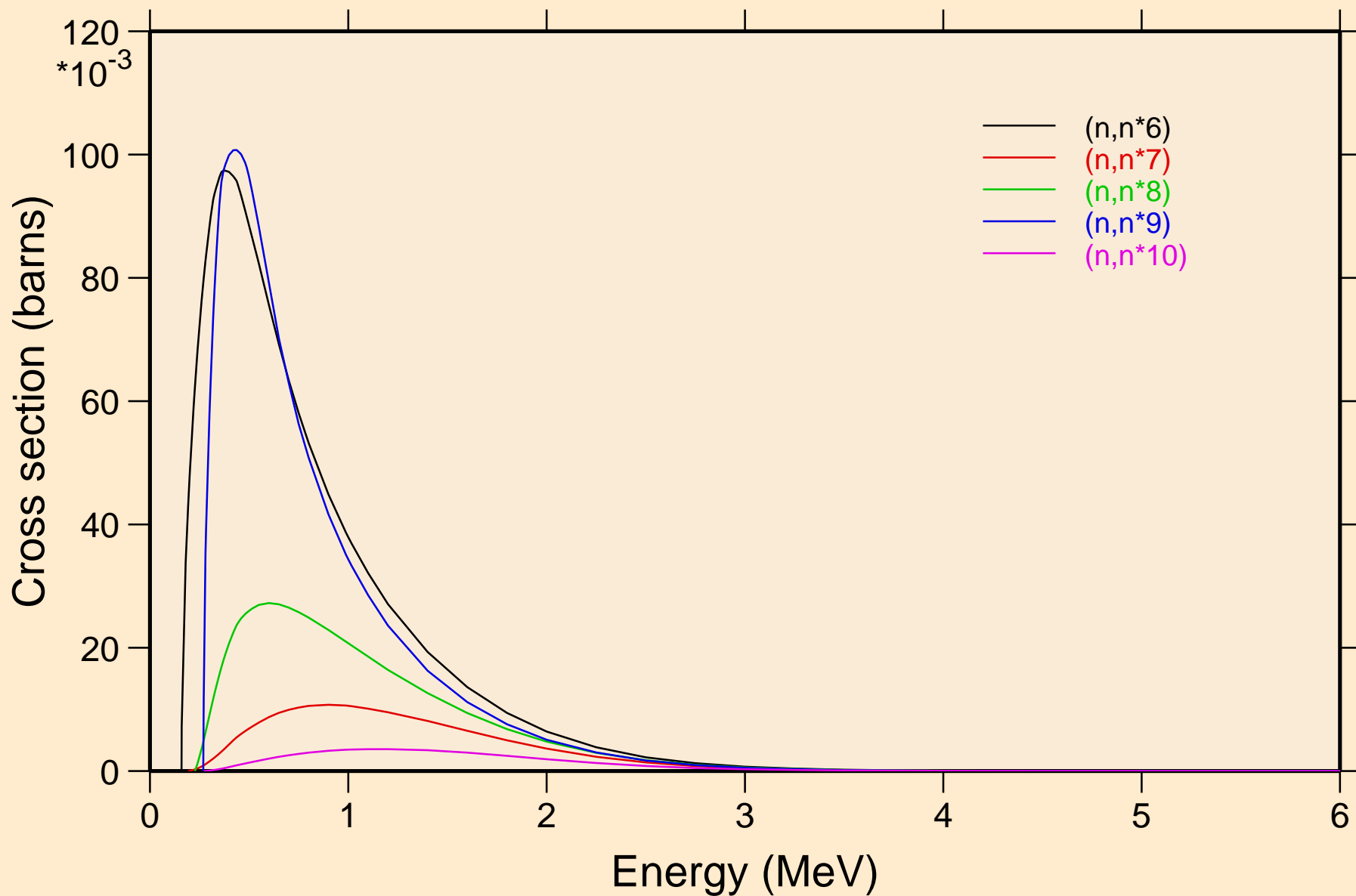Damage

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Non-threshold reactions

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Inelastic levels

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Inelastic levels

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Inelastic levels

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Inelastic levels

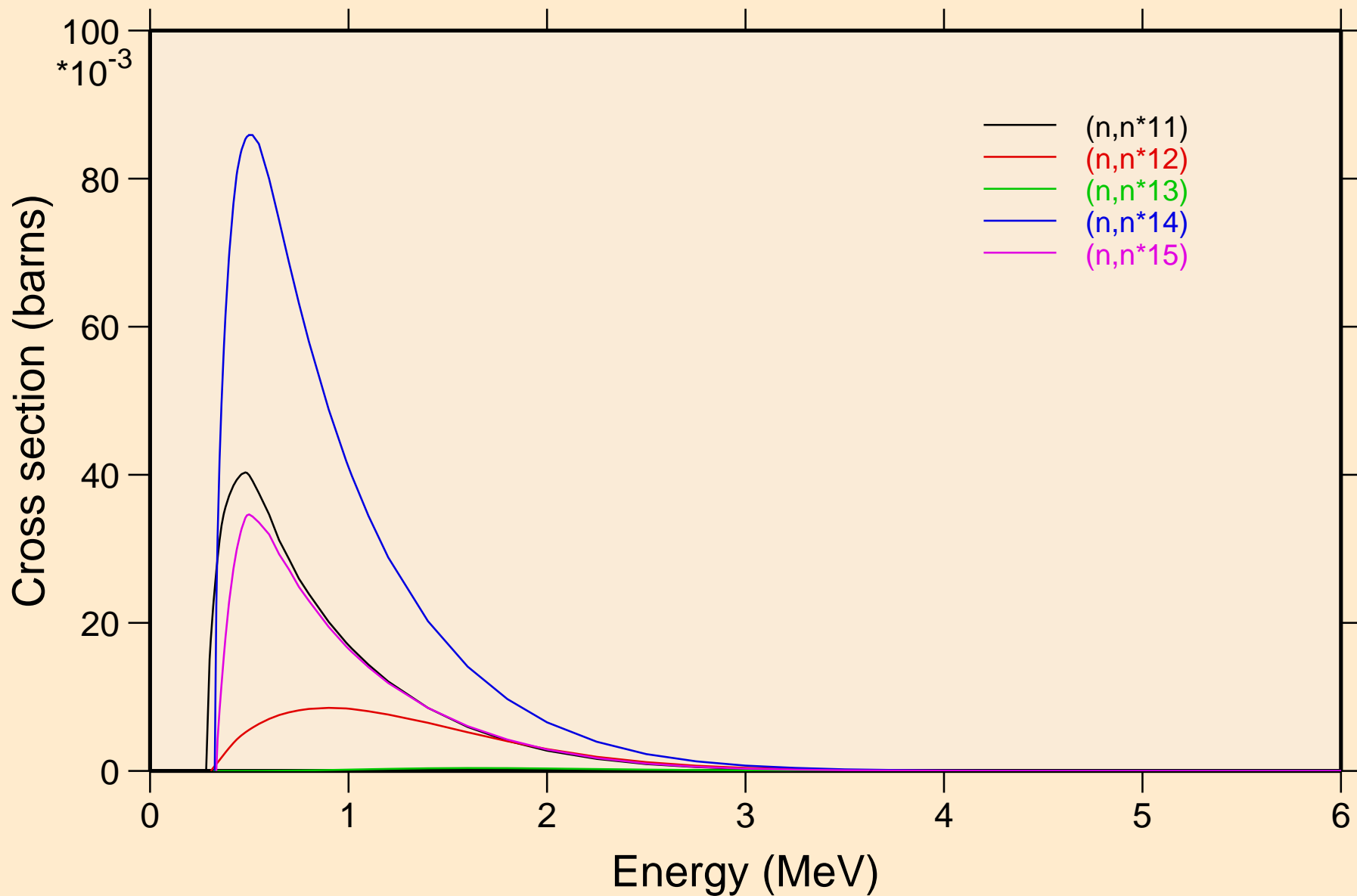MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Inelastic levels

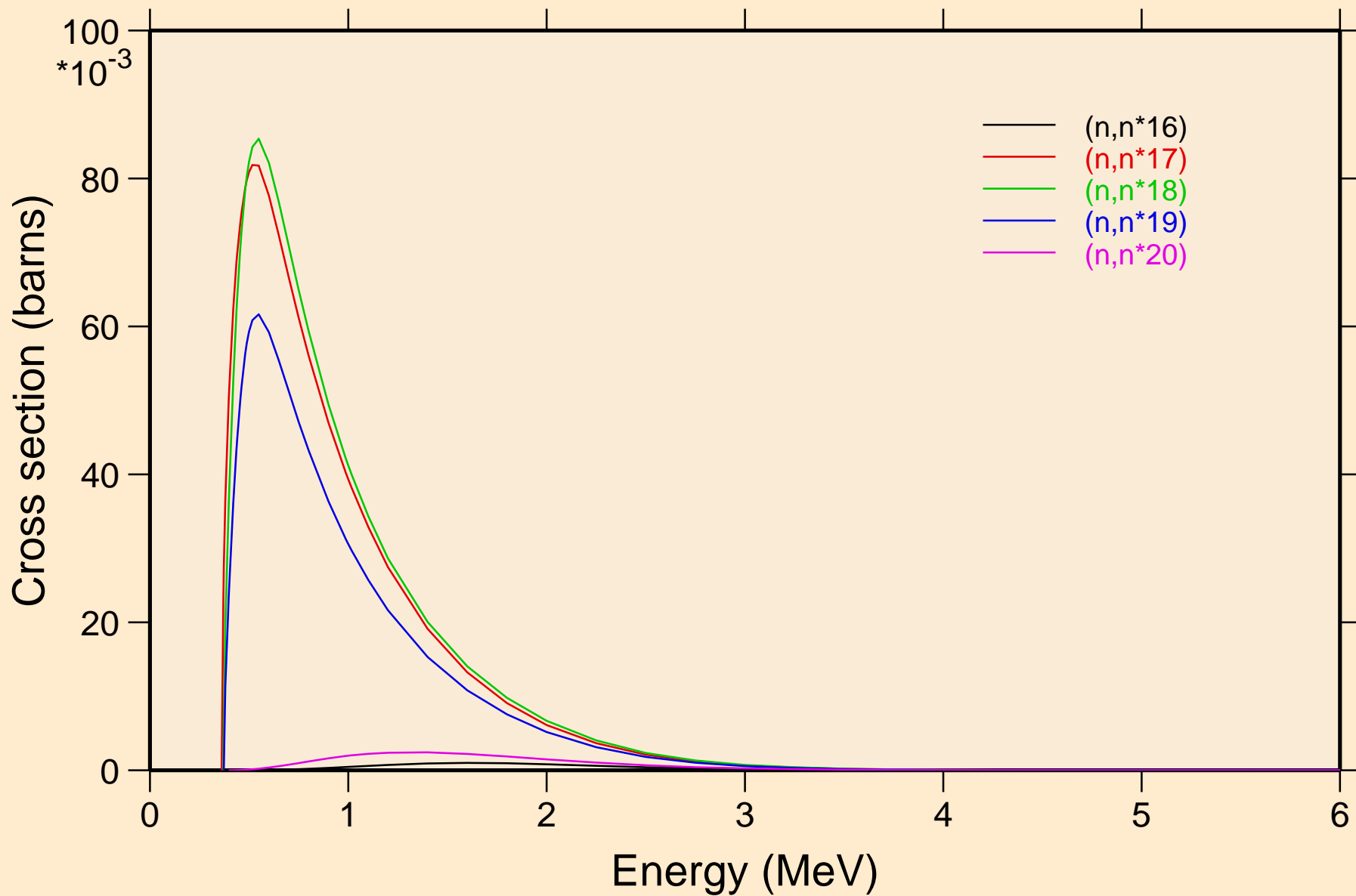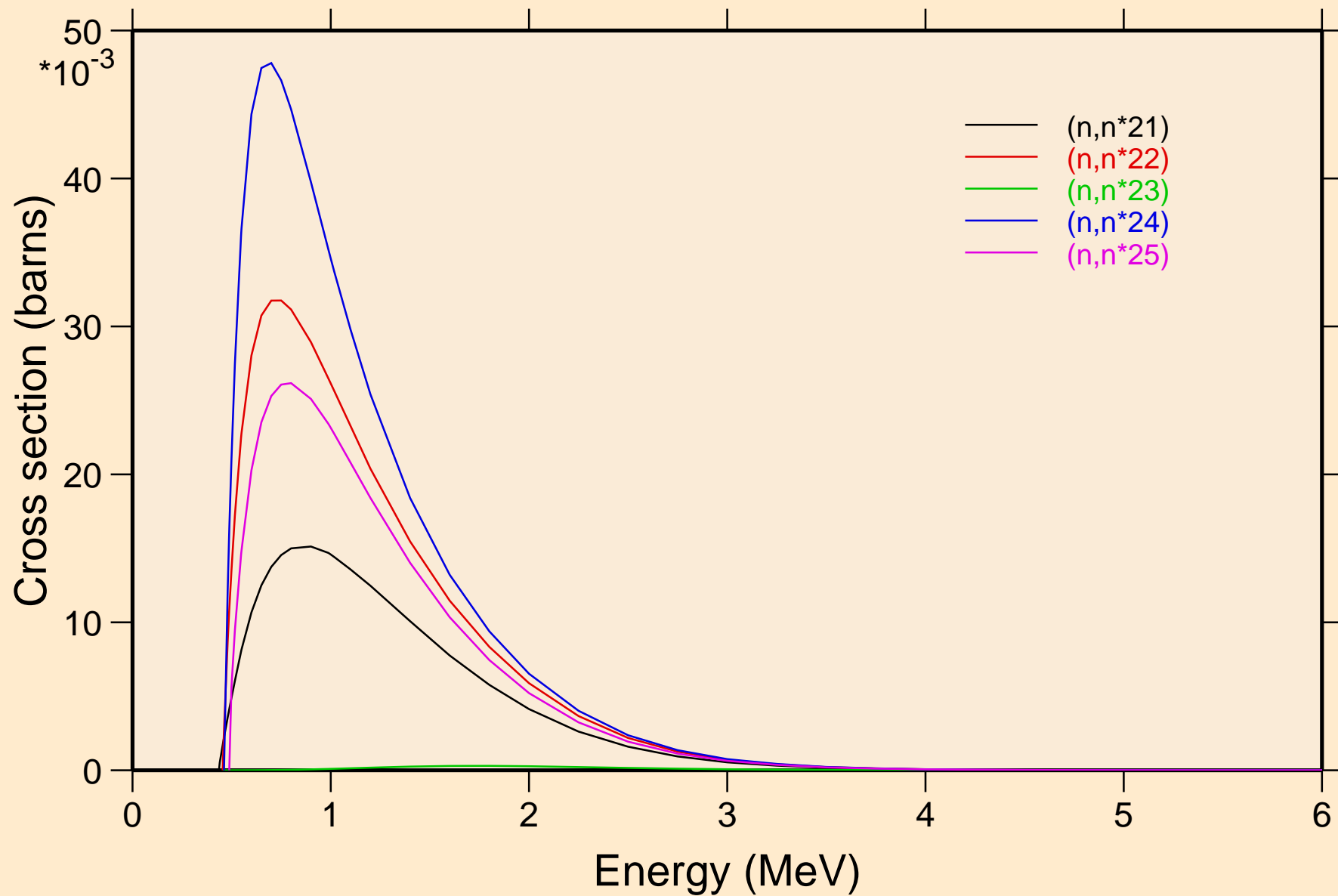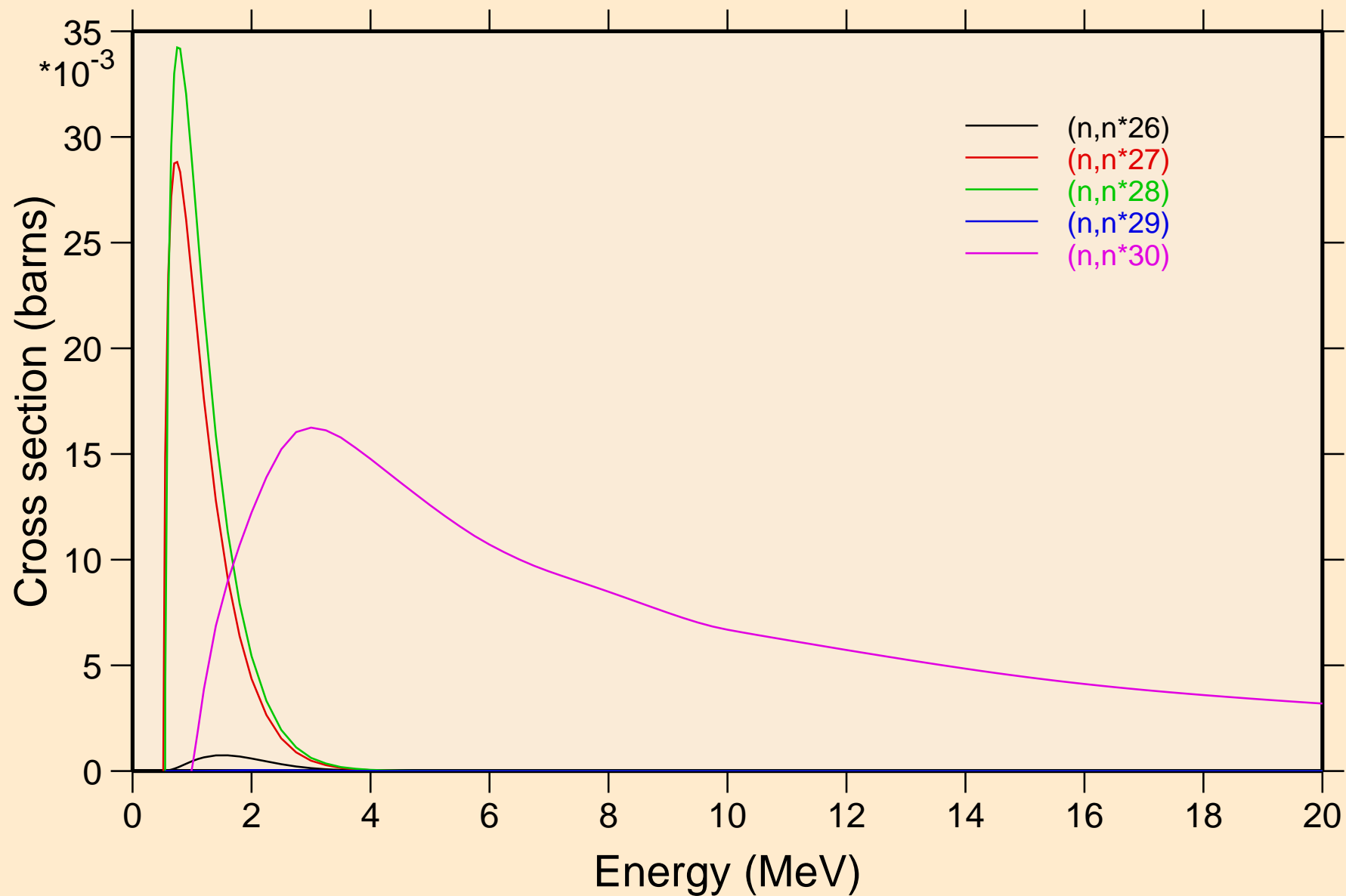MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Inelastic levels

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Inelastic levels

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Threshold reactions
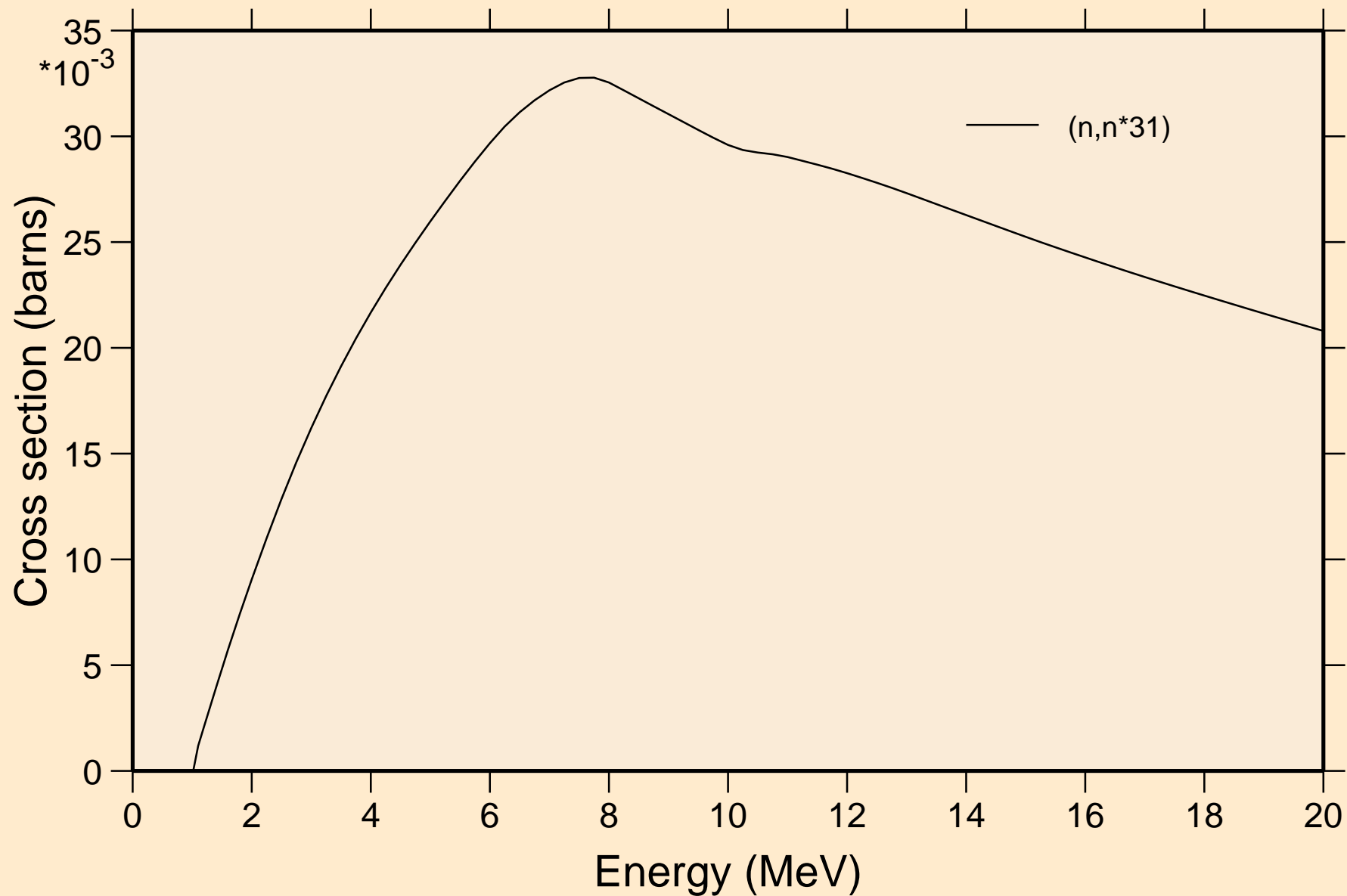
MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for elastic

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*1)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*2)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*3)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*4)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*5)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*6)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*7)

ProbICos

10^0

Cosine

1.0 0.5 0.0 -0.5 -1.0

0 1 2 3 4 5 6

Energy (MeV)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*8)

ProbICos

10^0

Cosine

1.0 0.5 0.0 -0.5 -1.0
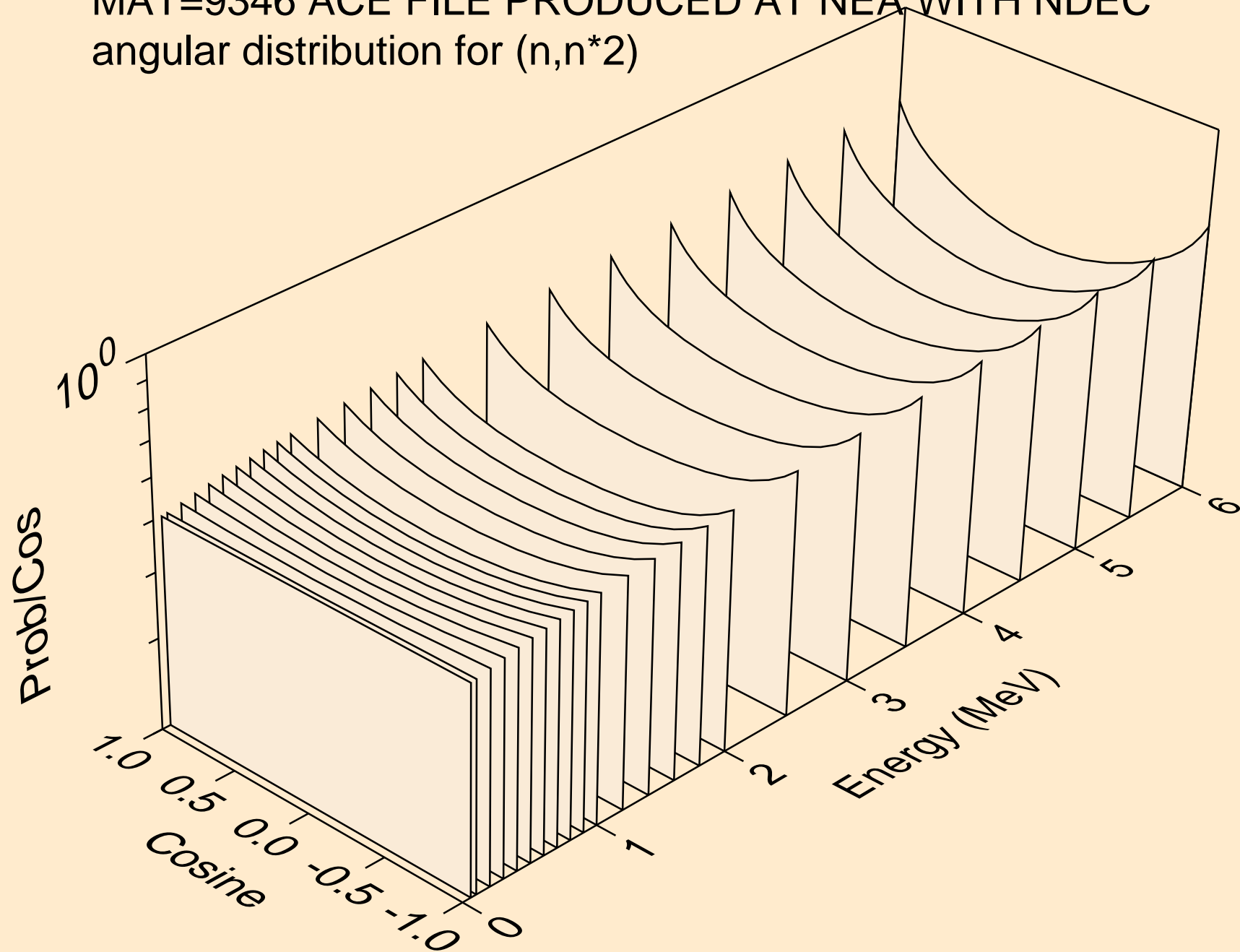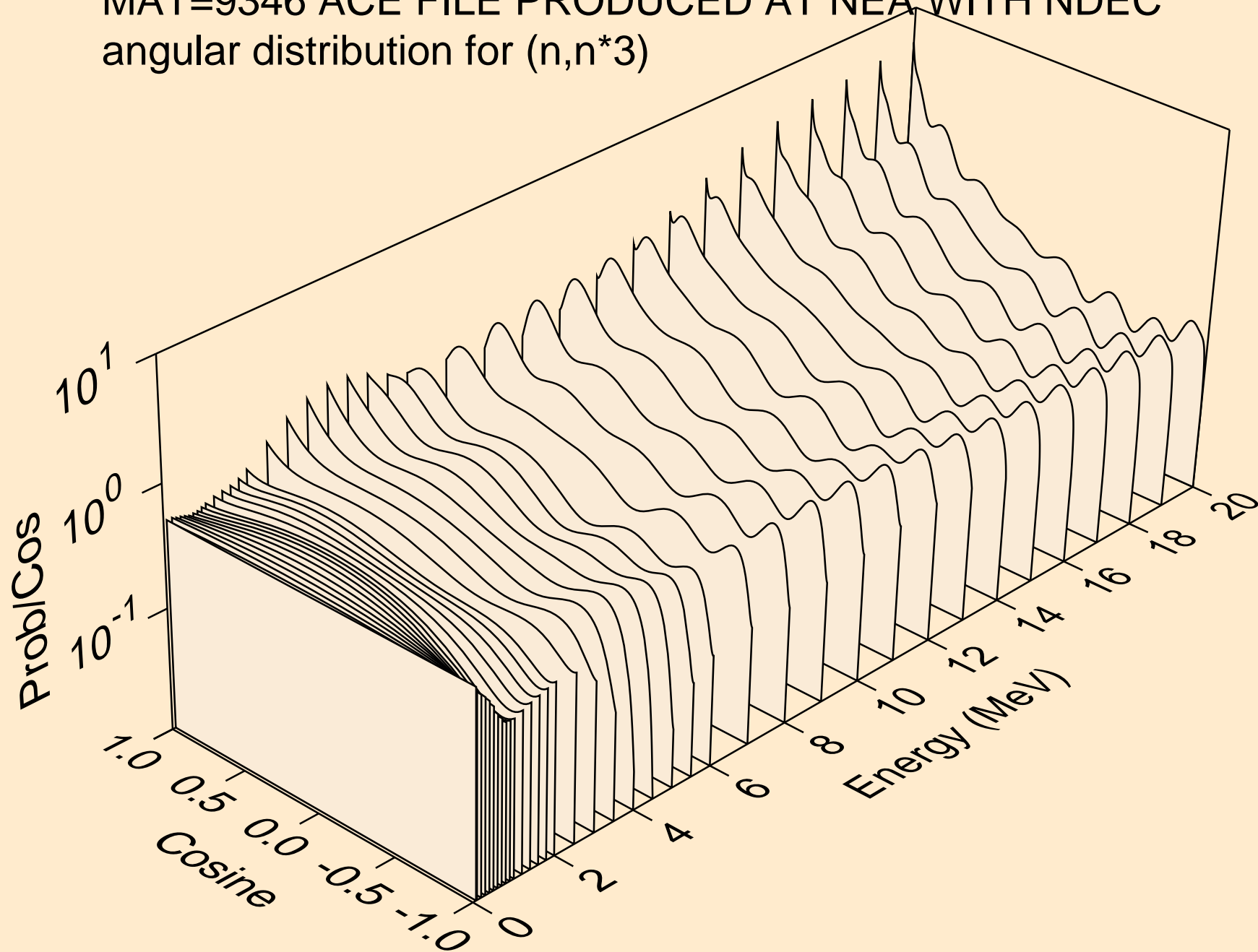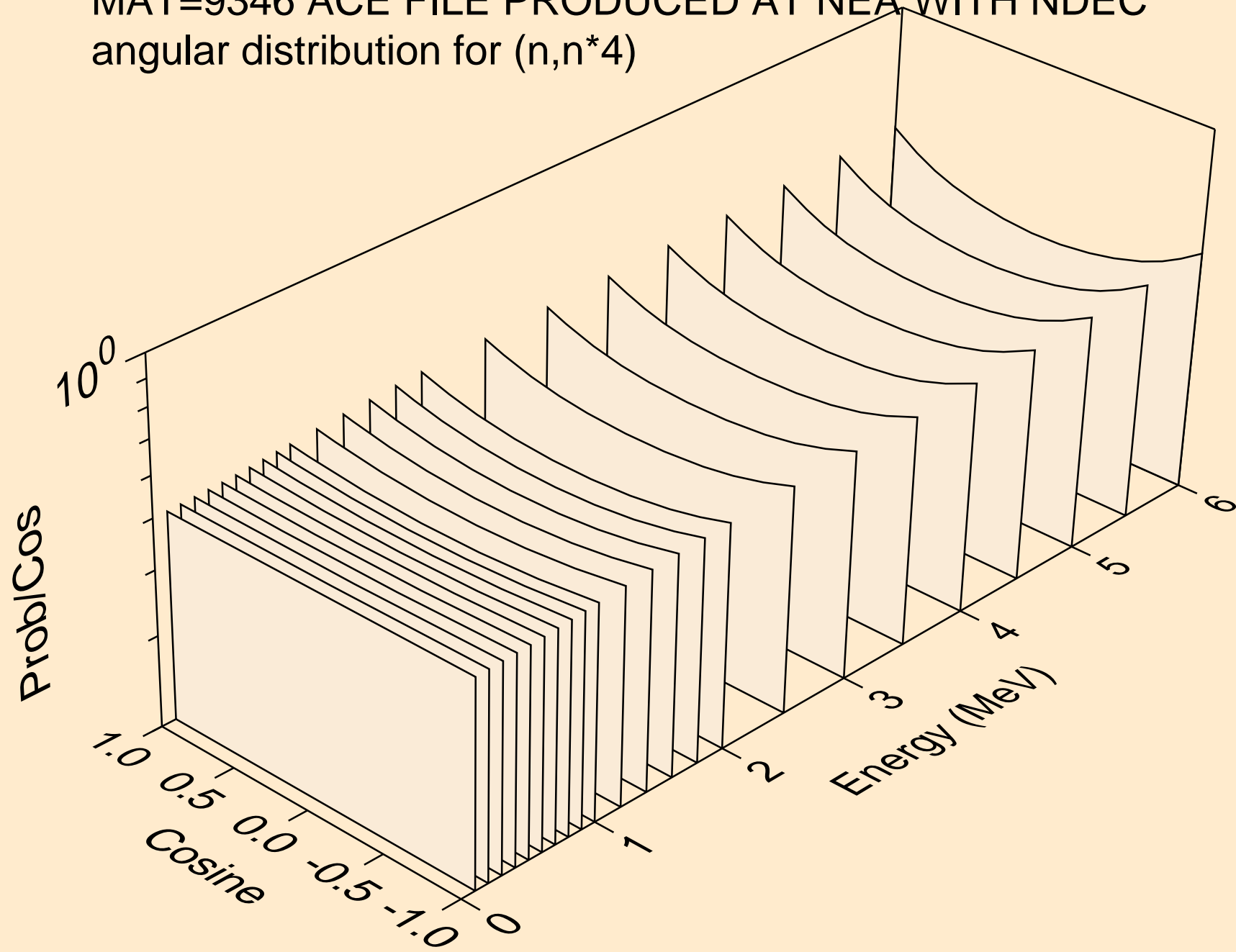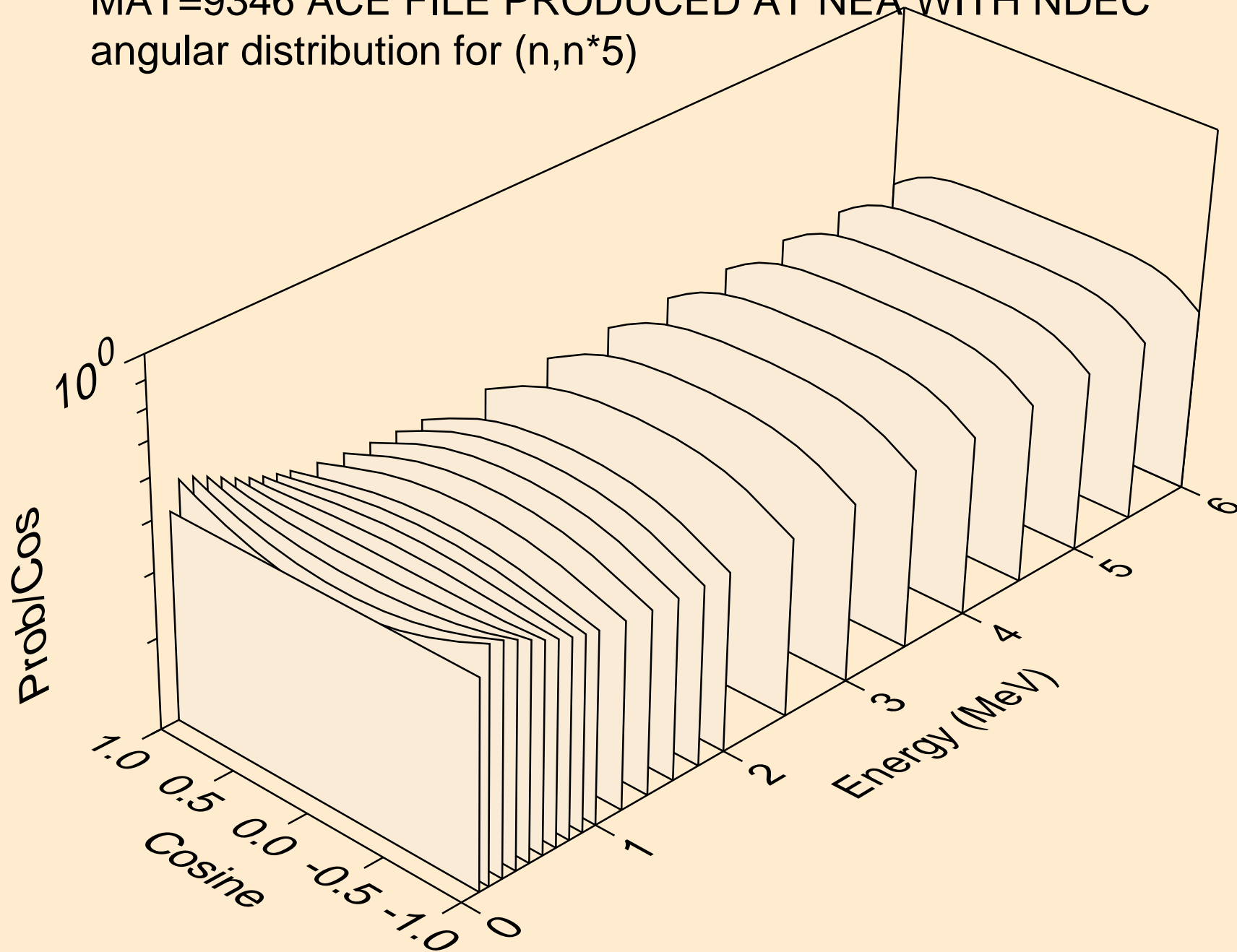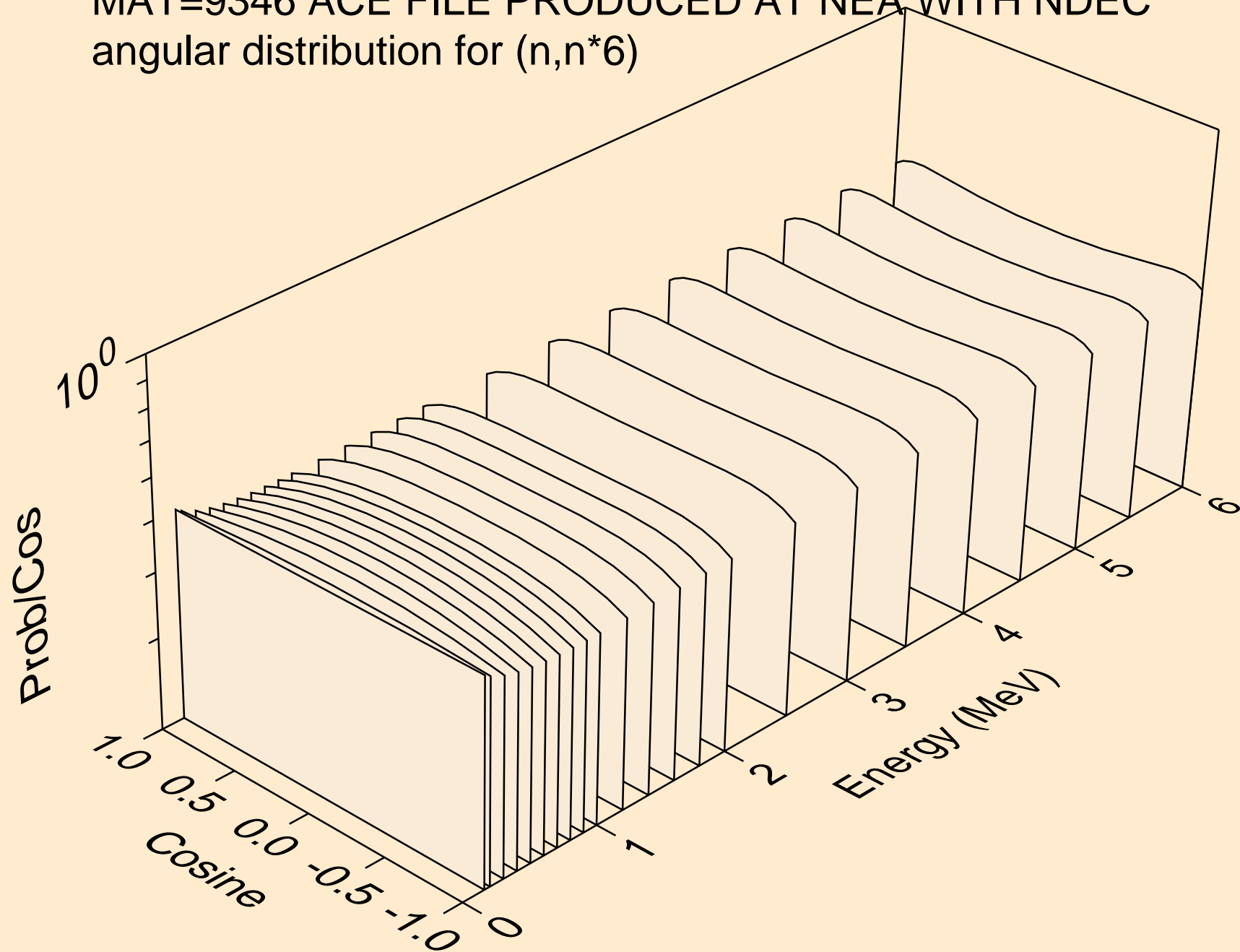
Energy (MeV)

0 1 2 3 4 5 6

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*9)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*10)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*11)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*12)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*13)

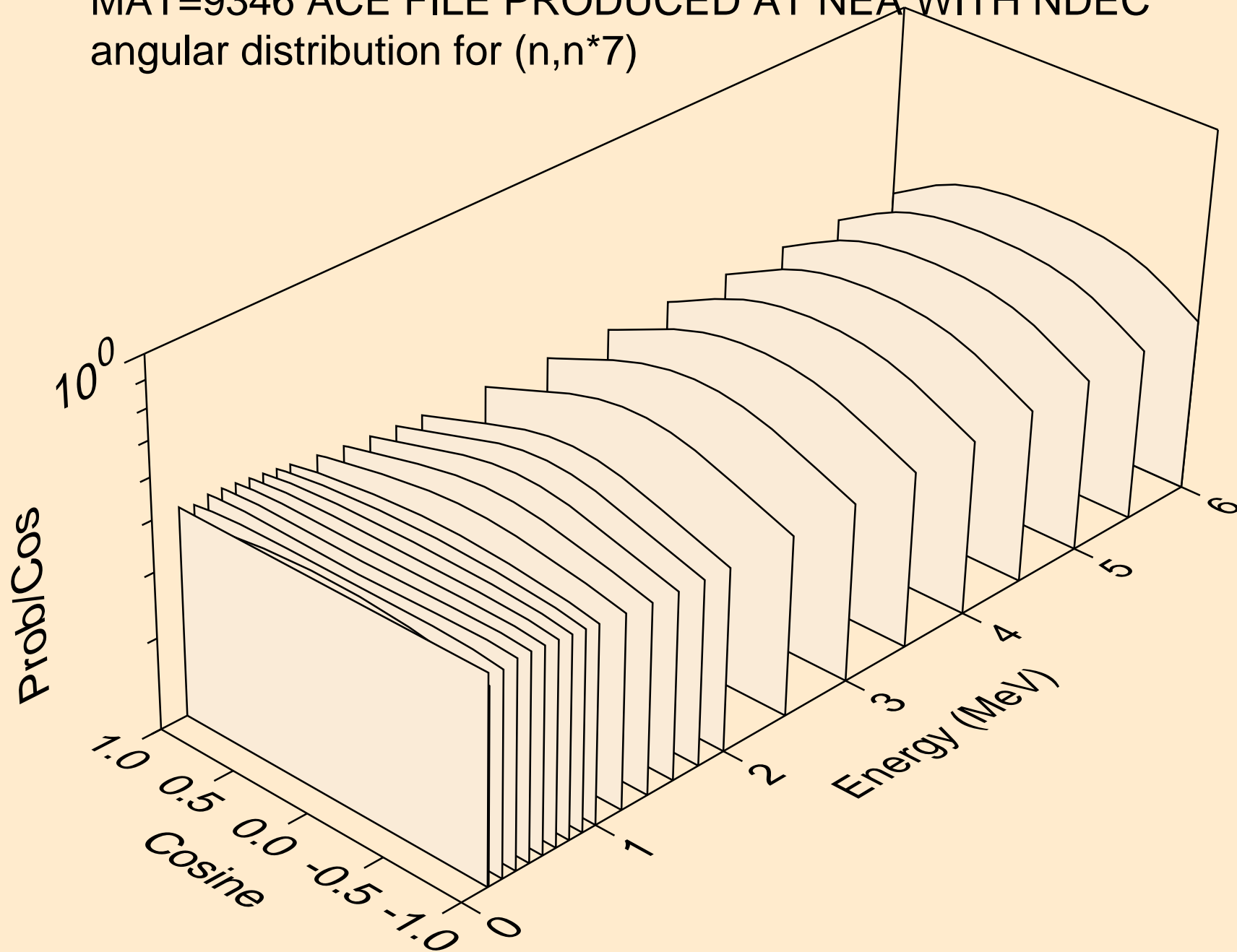MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*14)

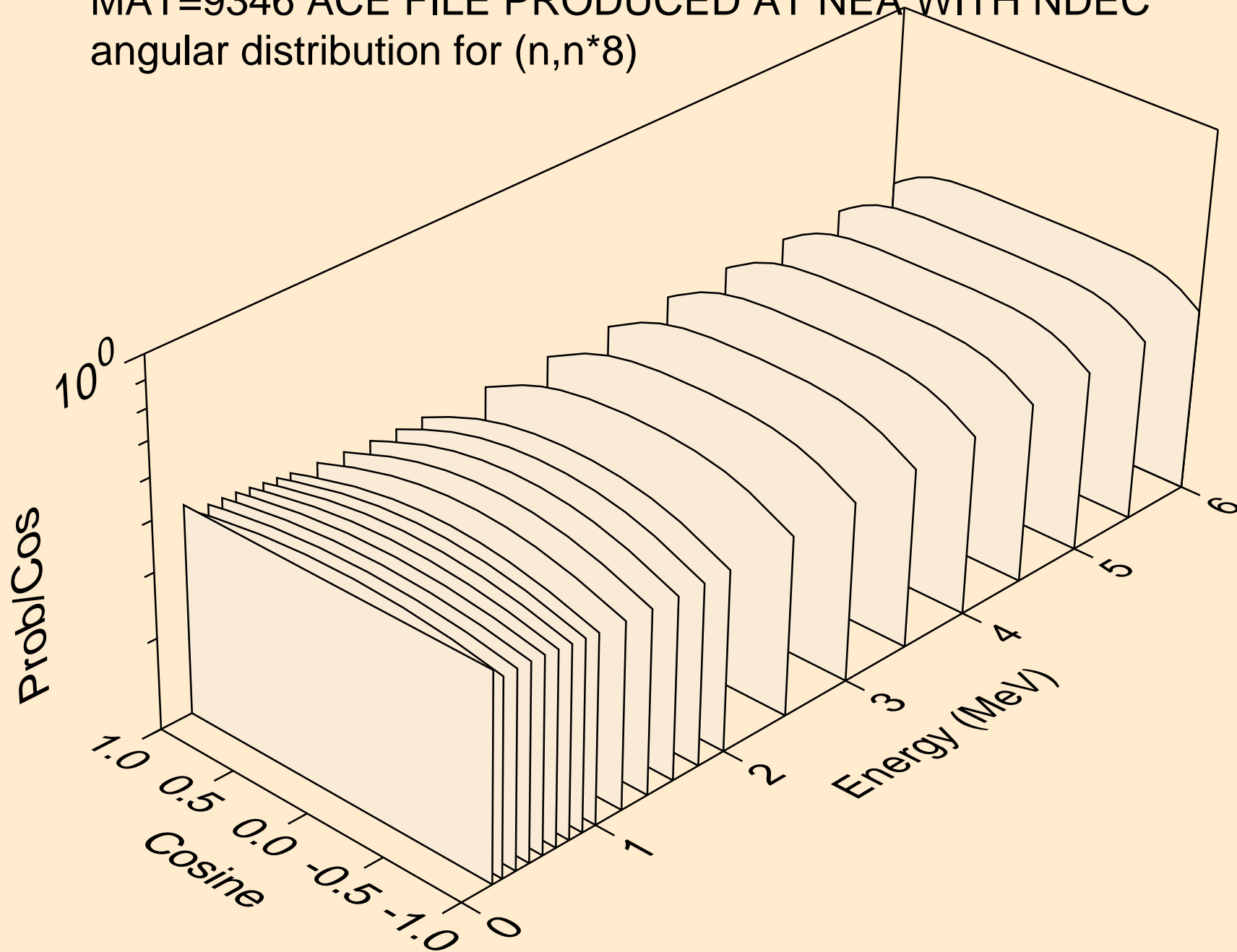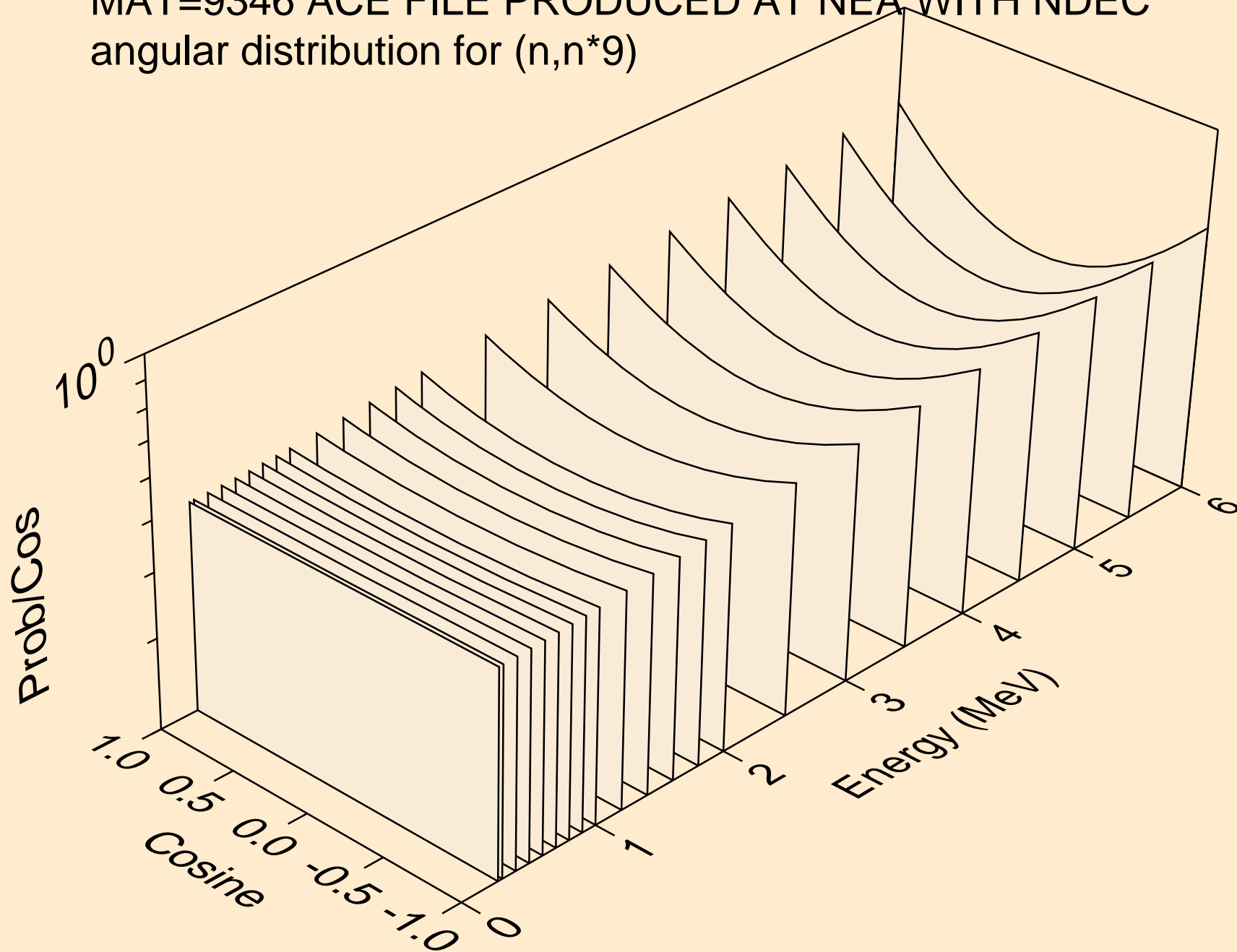MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*15)

ProbICos

10^0

Cosine

1.0 0.5 0.0 -0.5 -1.0

0 1 2 3 4 5 6

Energy (MeV)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*16)

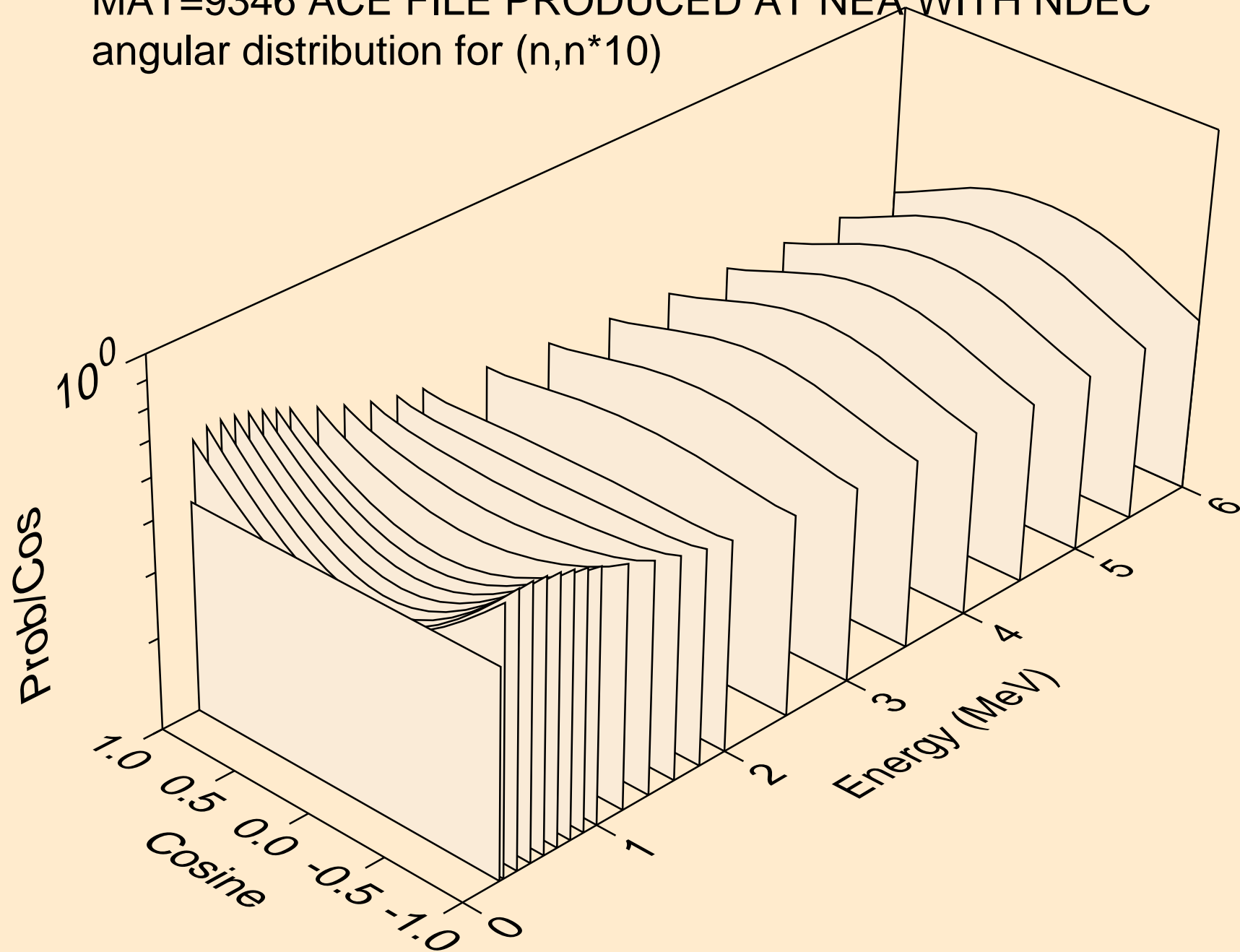MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*17)

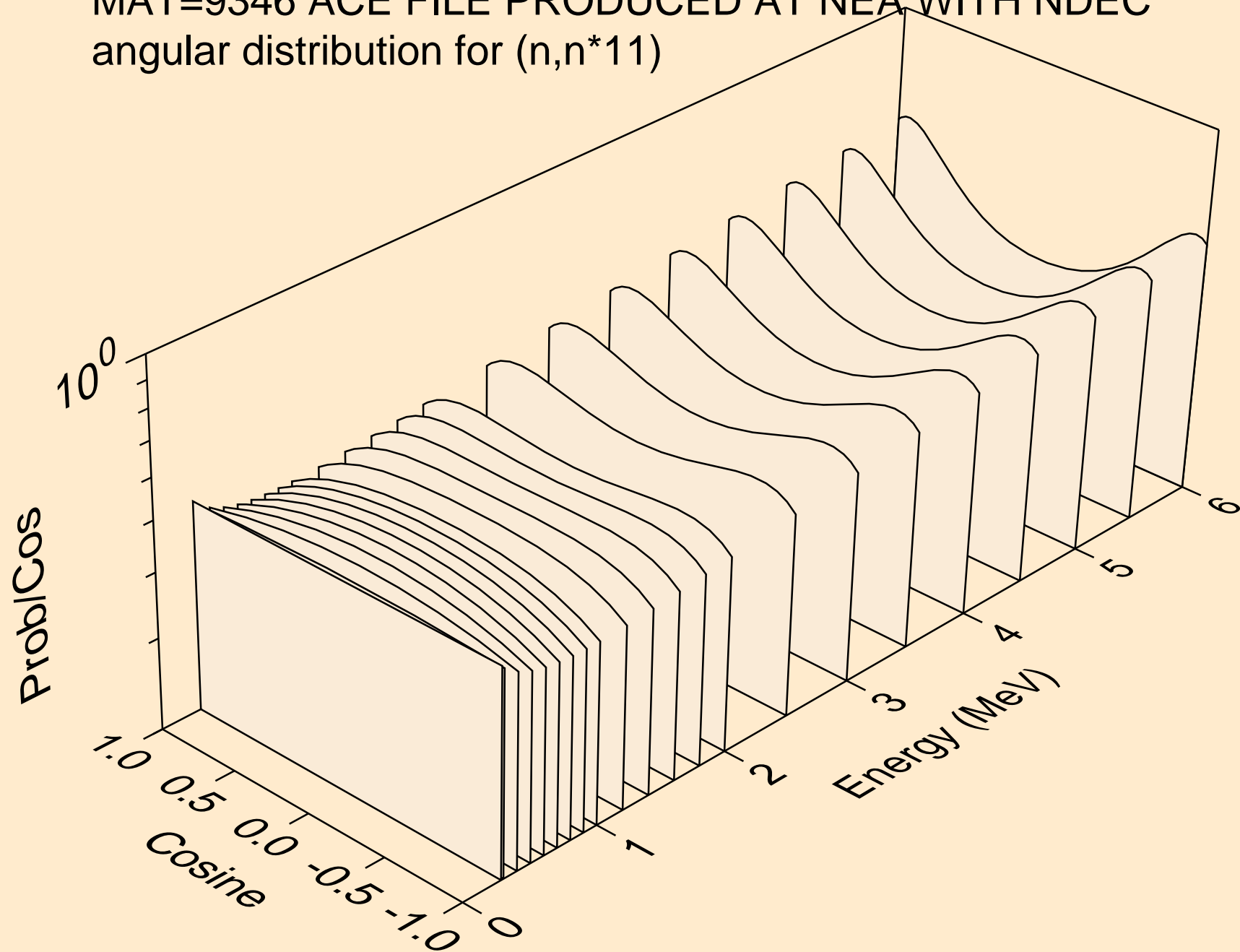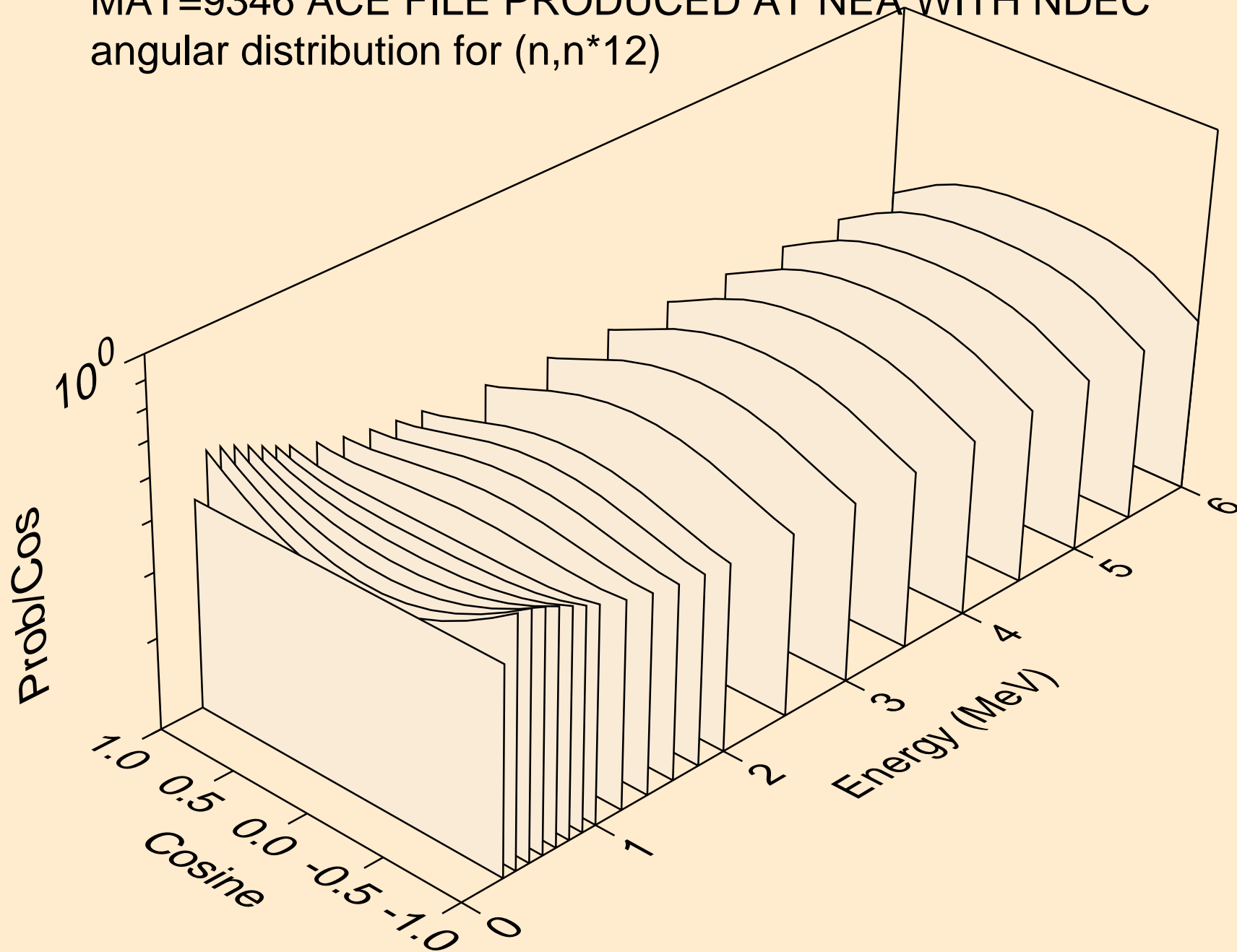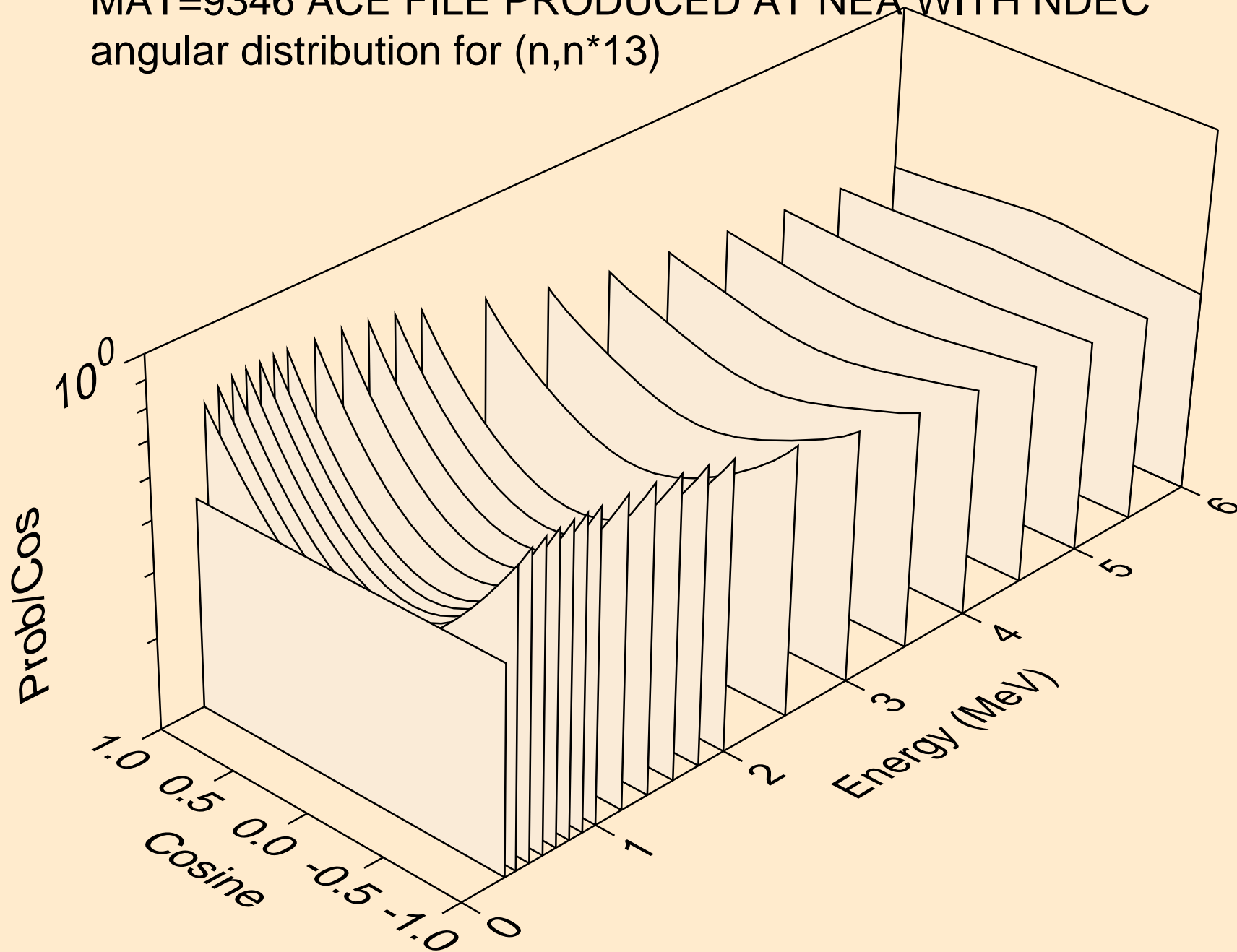MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*18)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*19)
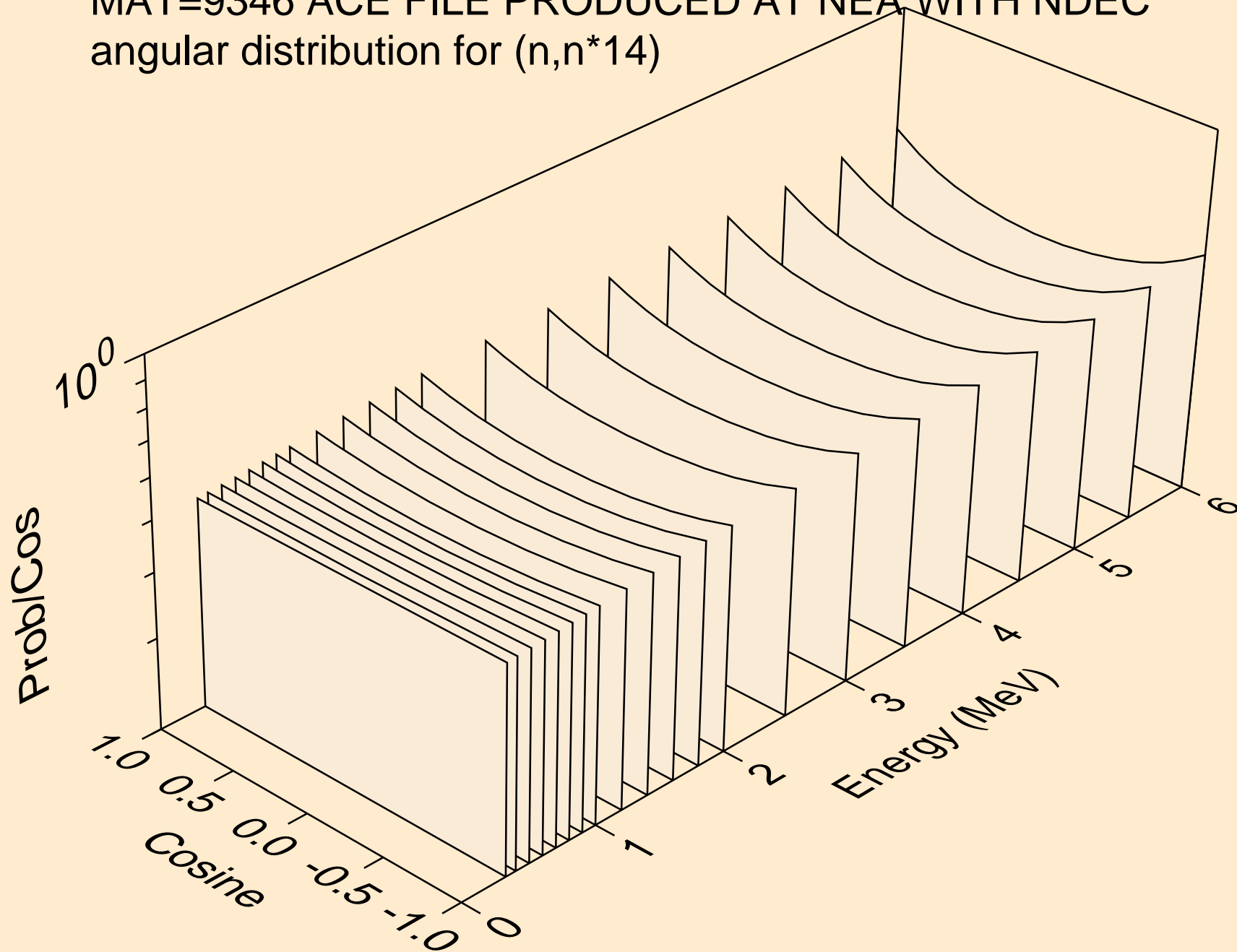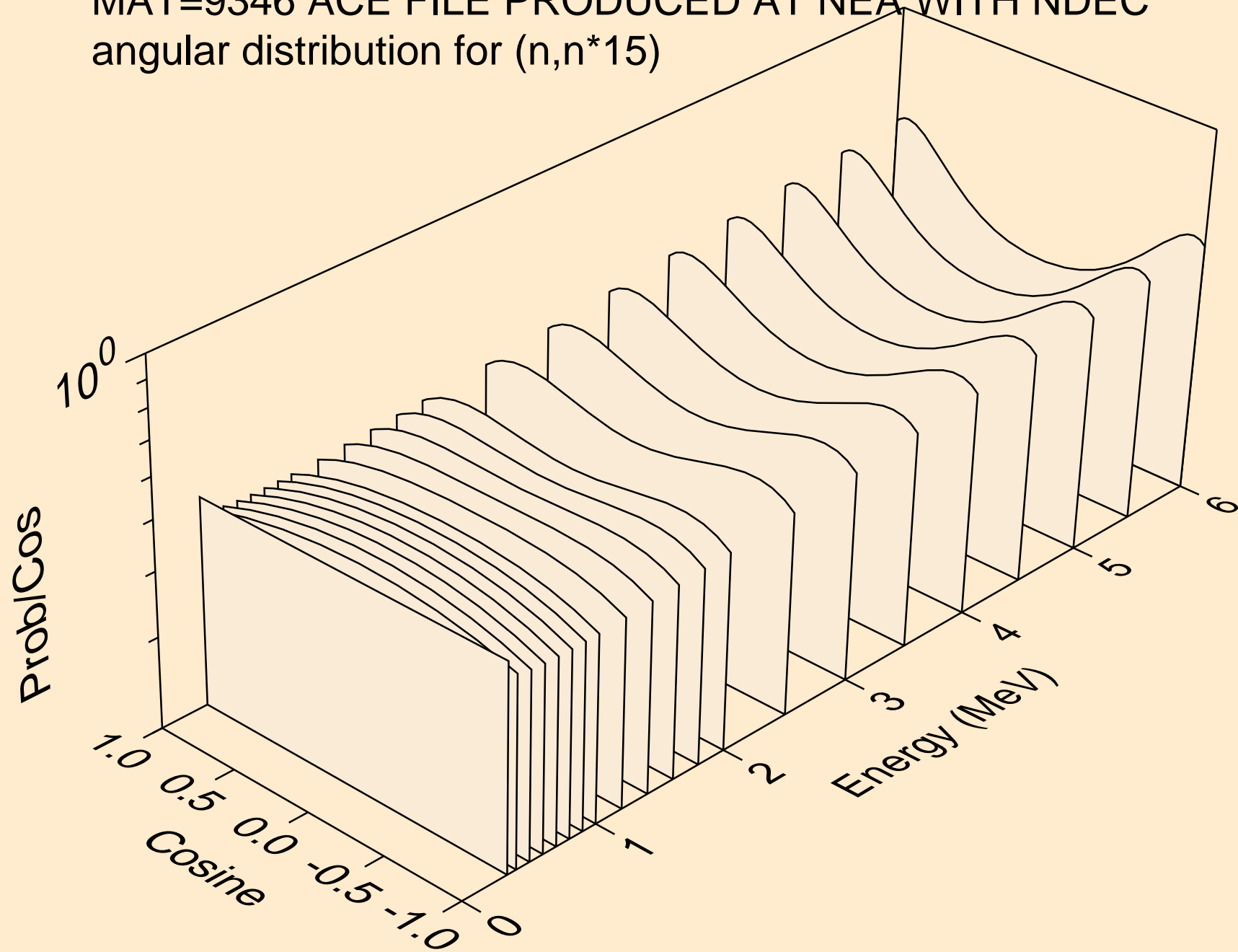
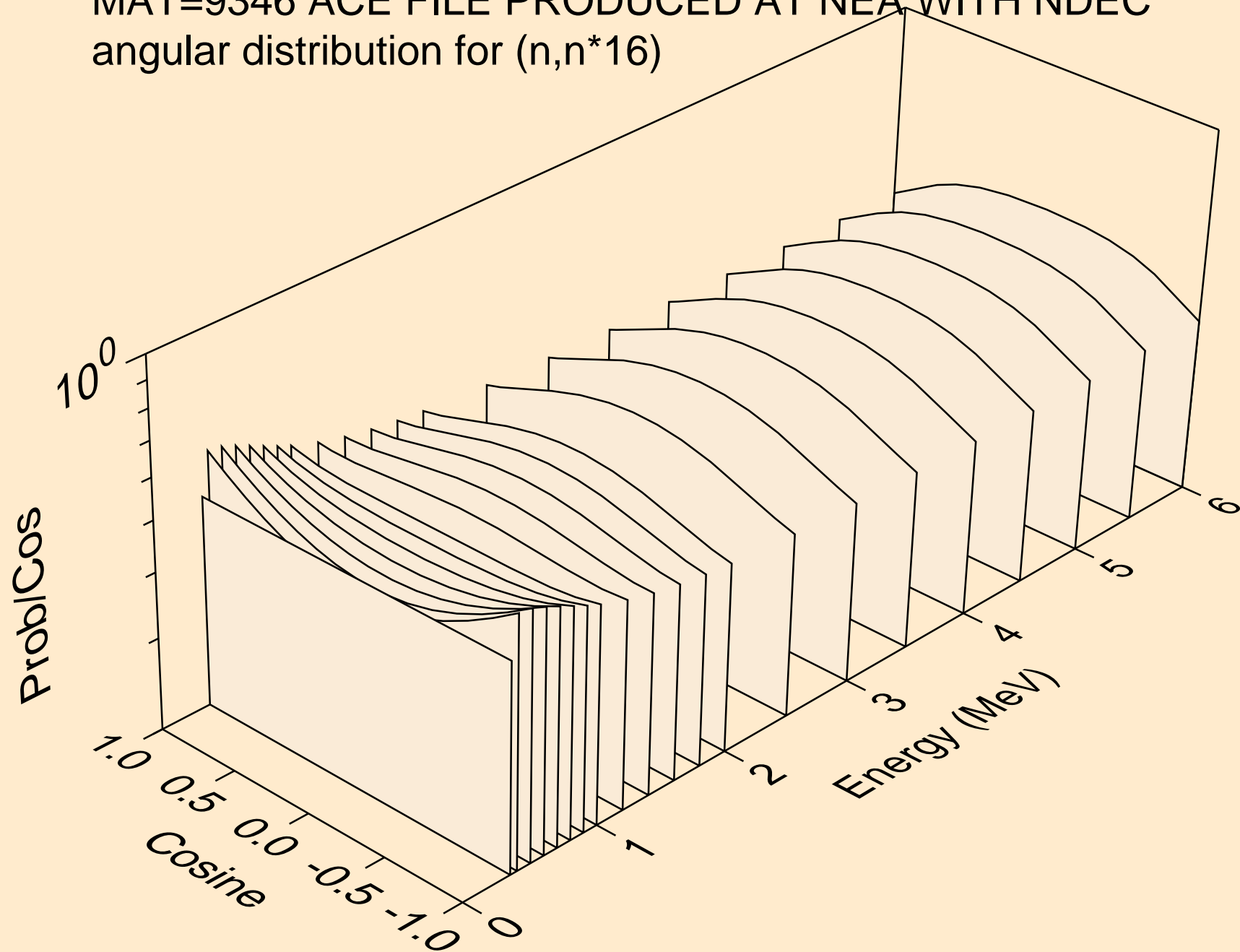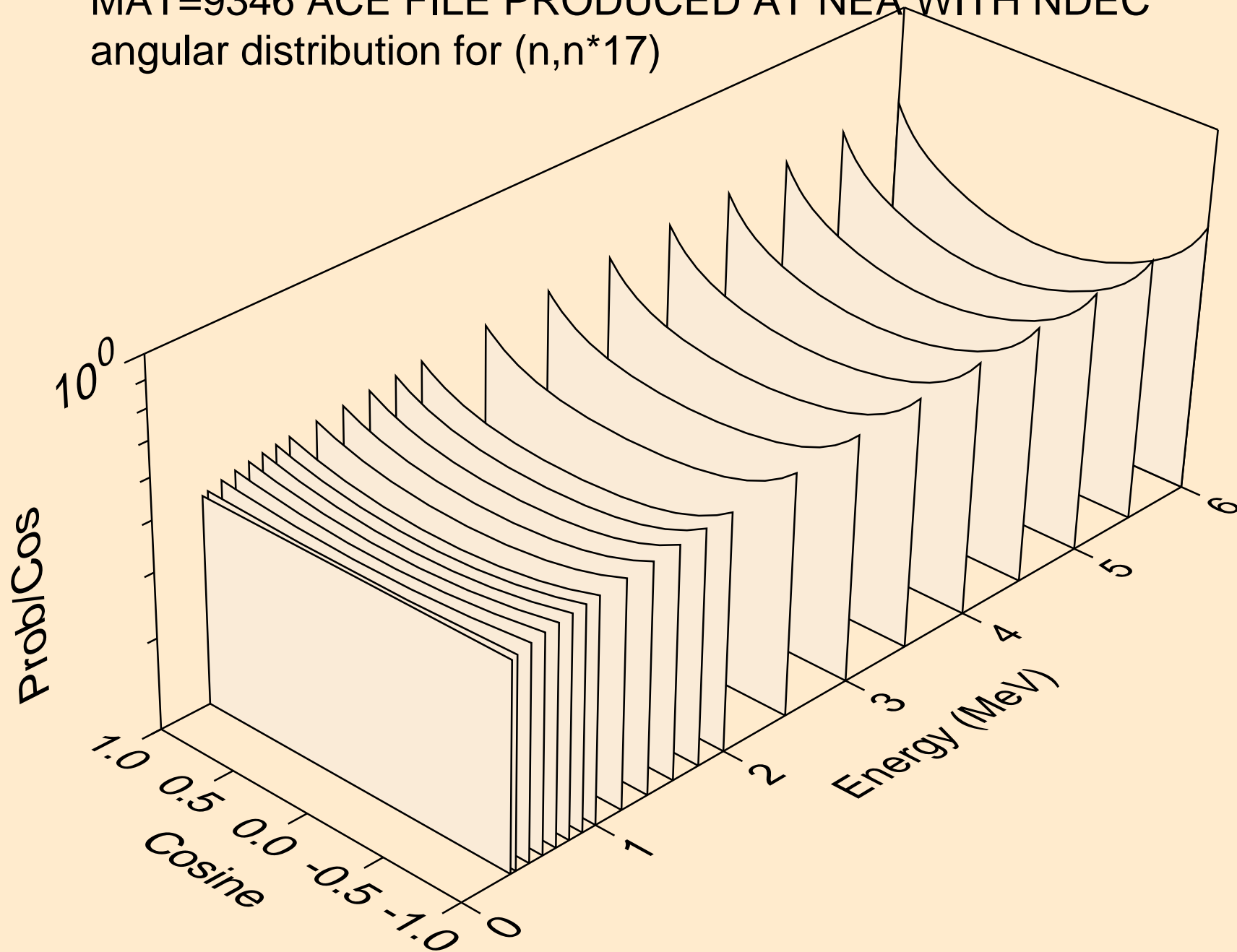ProbICos

Energy (MeV)

Cosine

10^0

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*20)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*21)

ProbiCos

10^0

Cosine

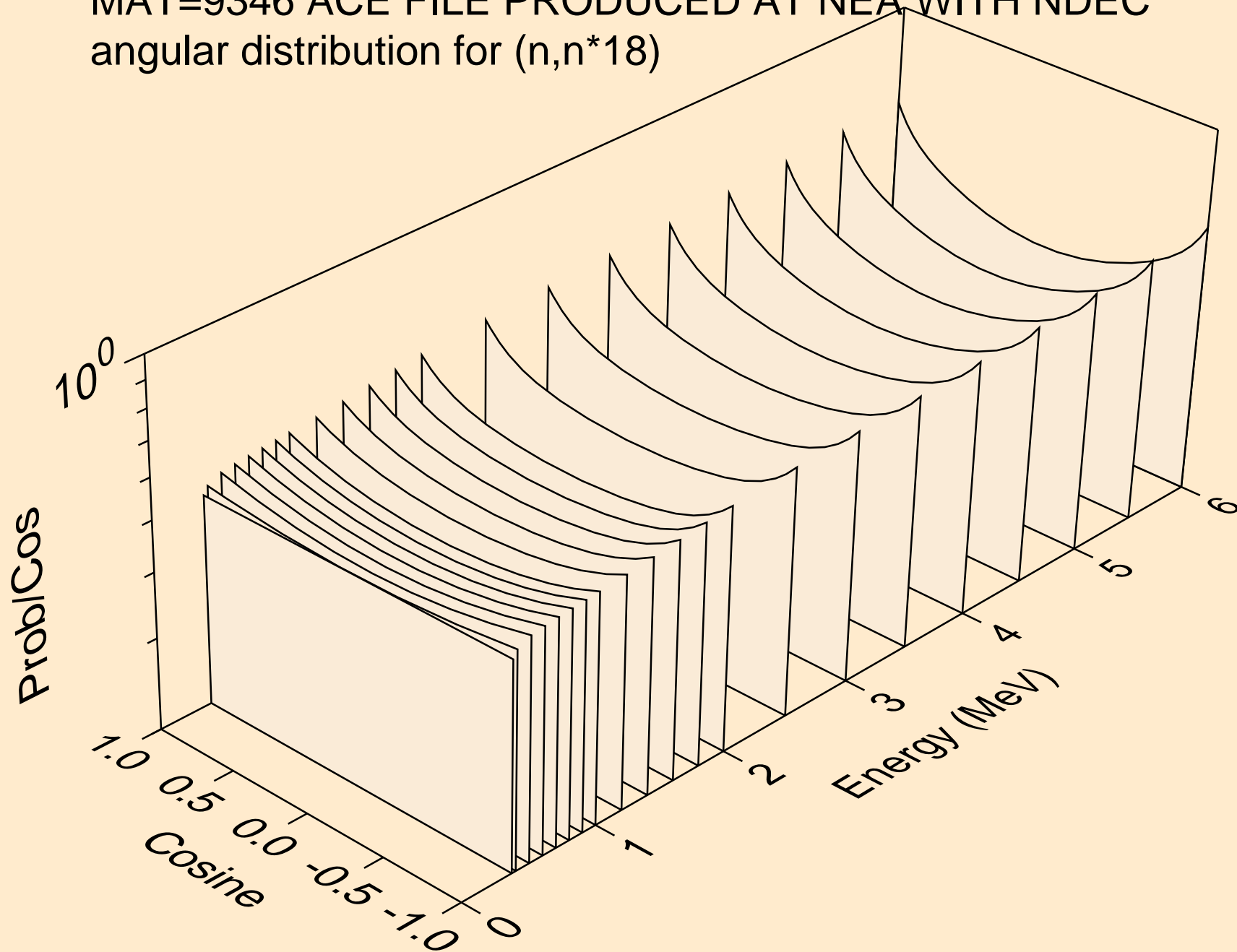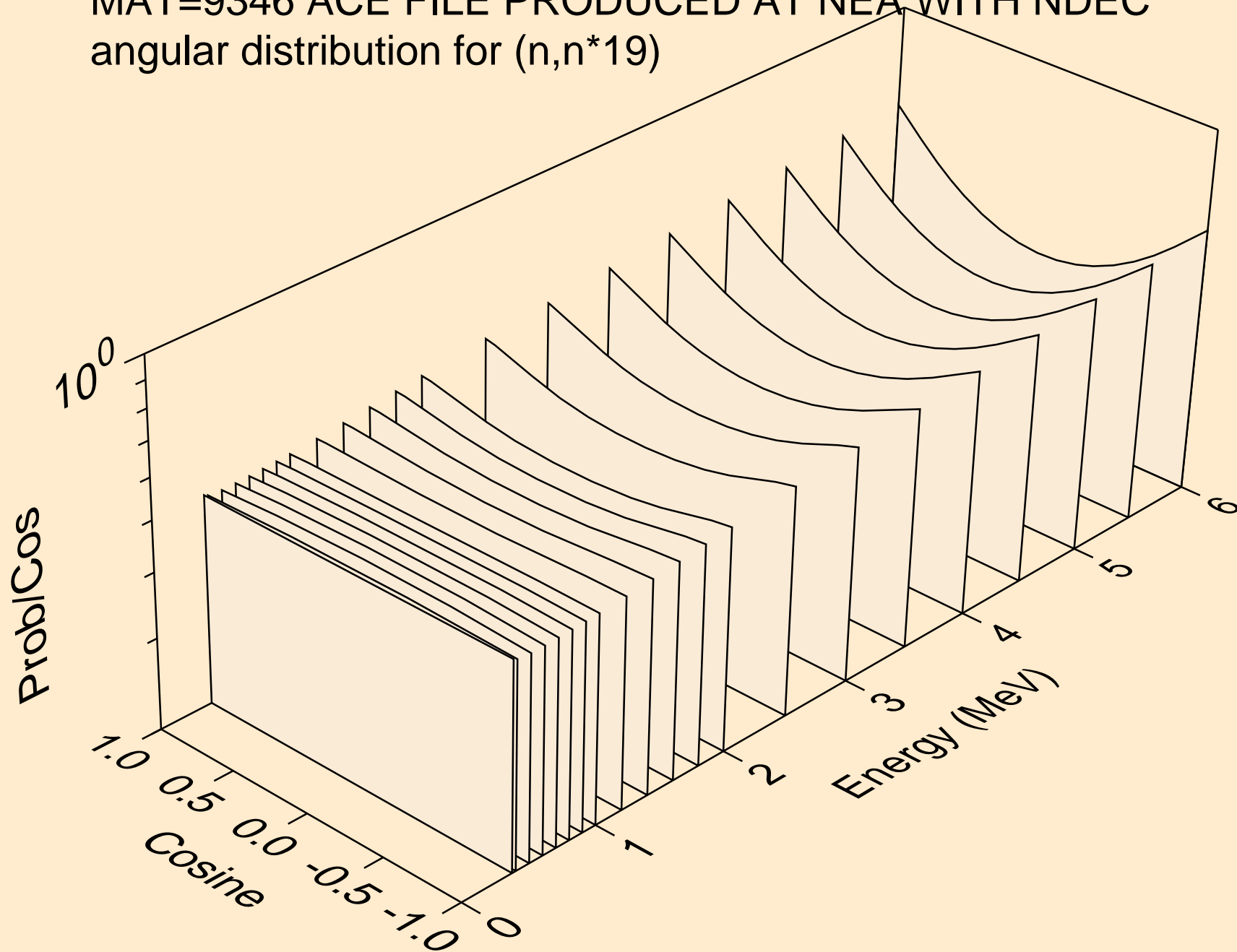1.0 0.5 0.0 -0.5 -1.0
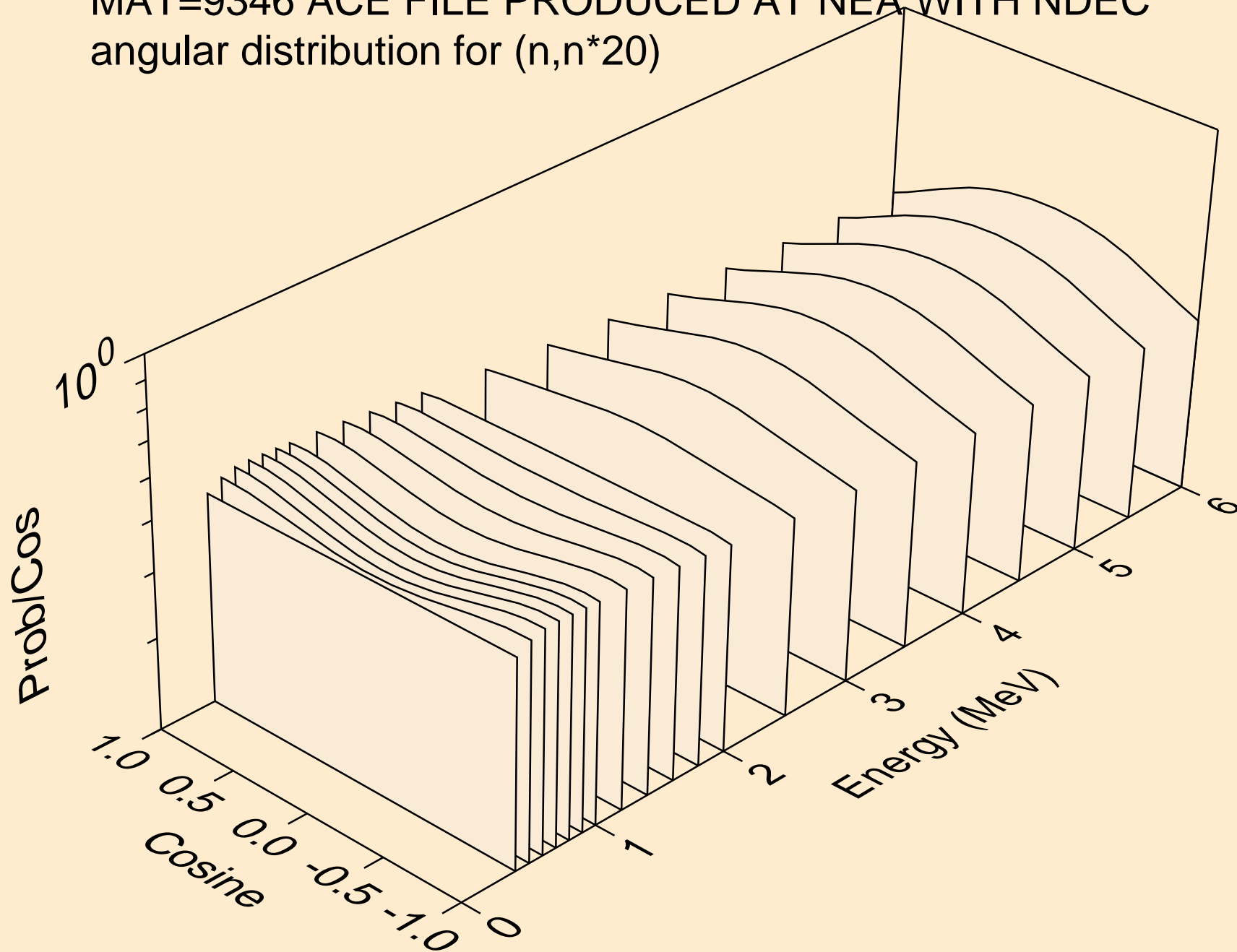
Energy (MeV)

0 1 2 3 4 5 6

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*22)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*23)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*24)

ProbICos

10^0

Cosine

1.0 0.5 0.0 -0.5 -1.0
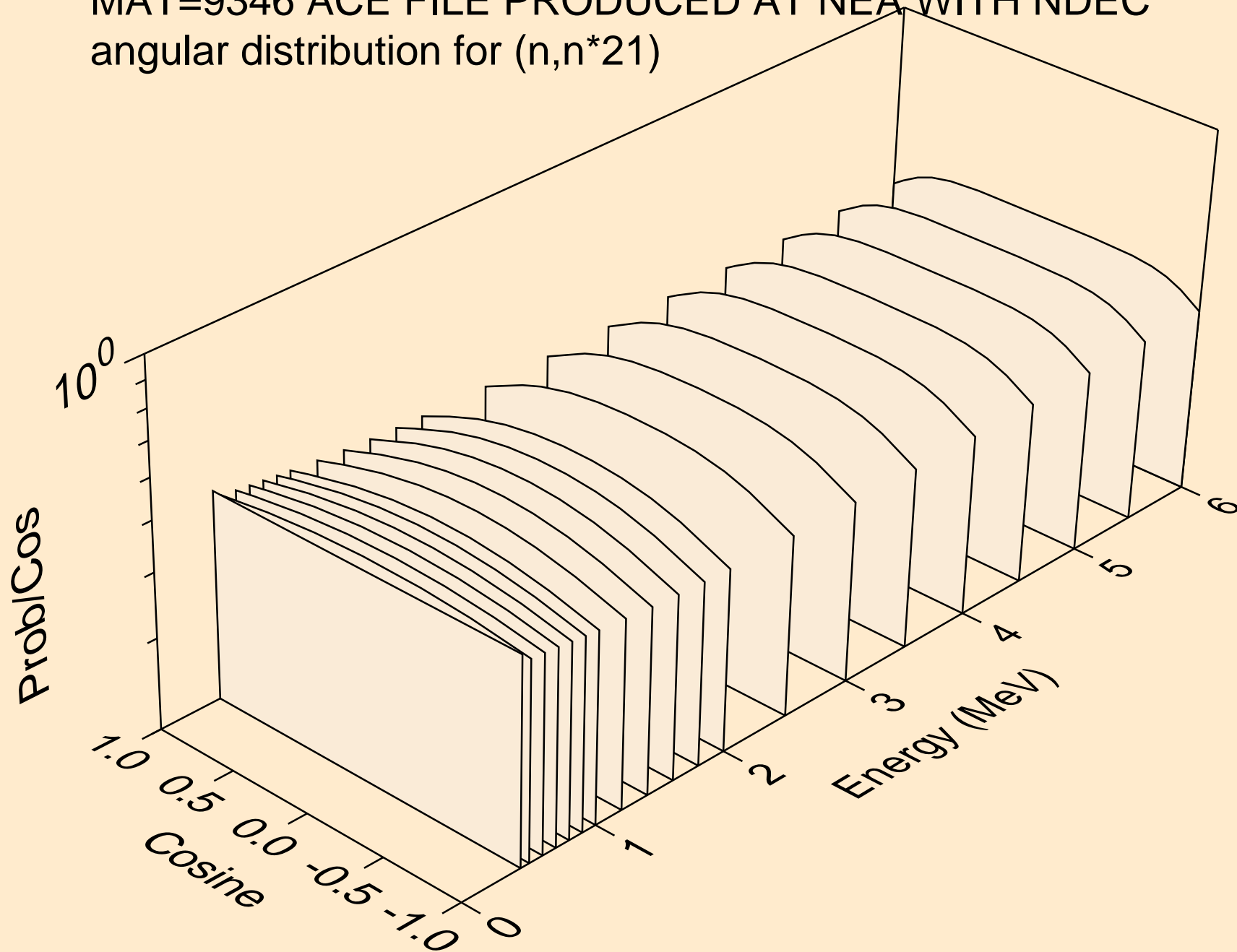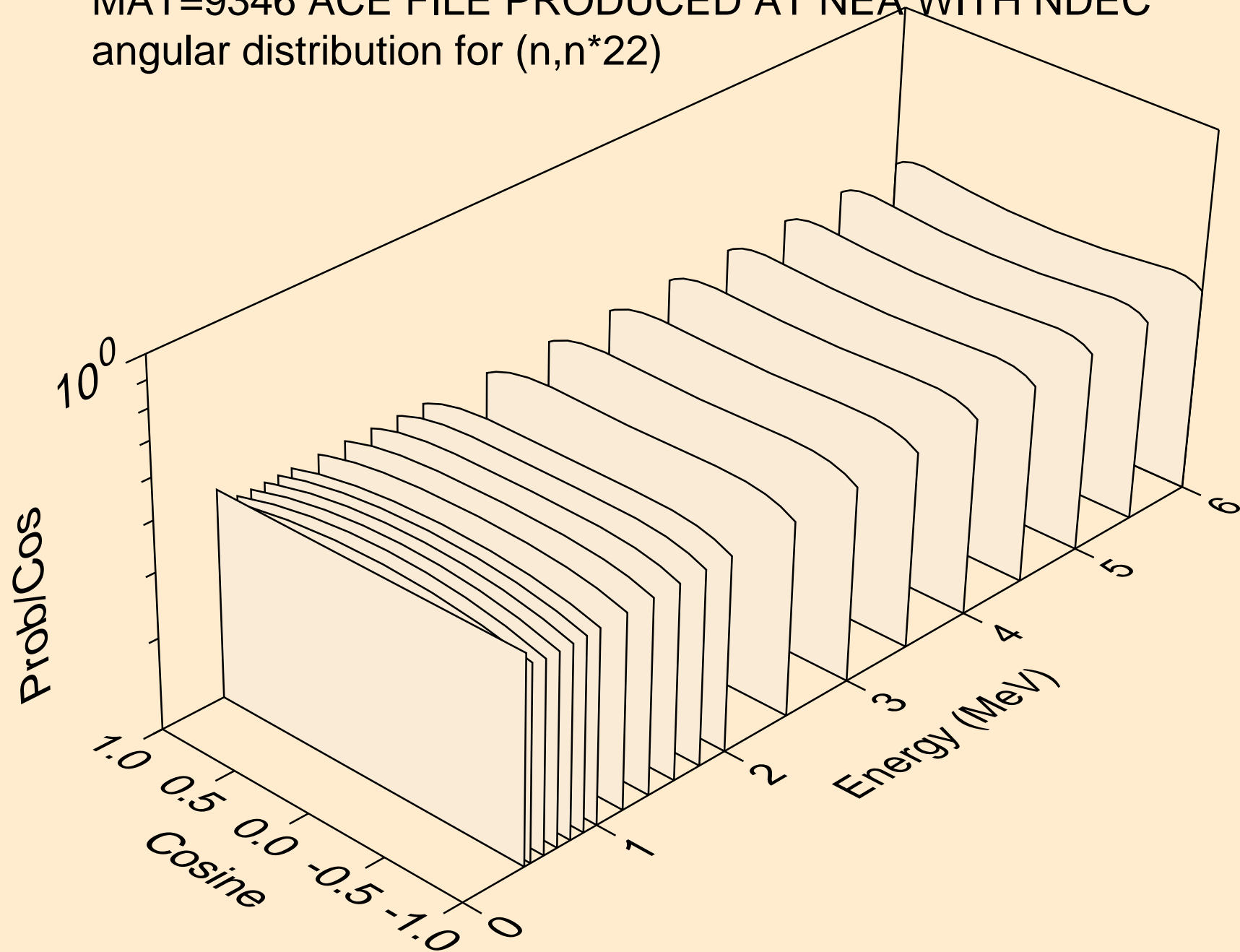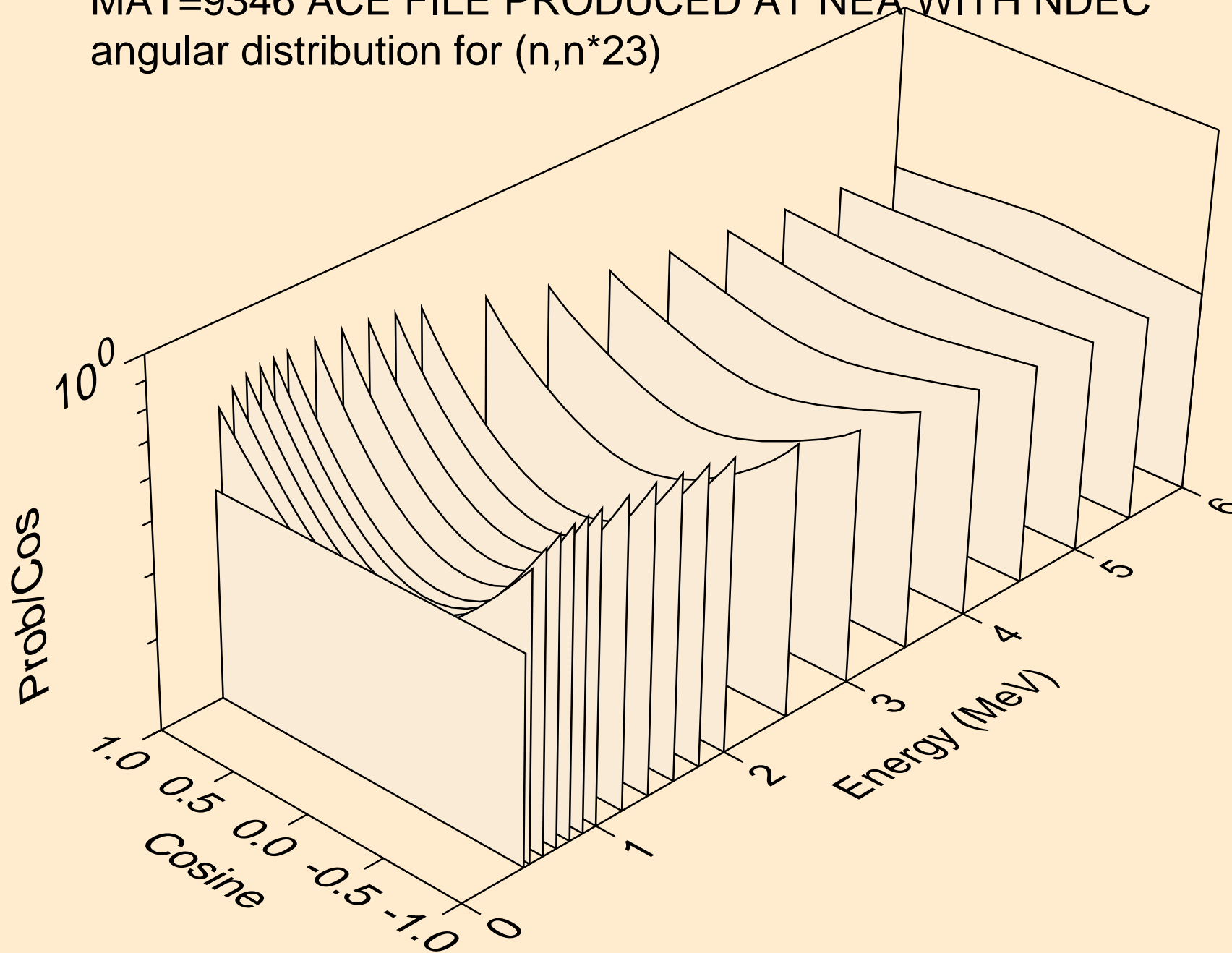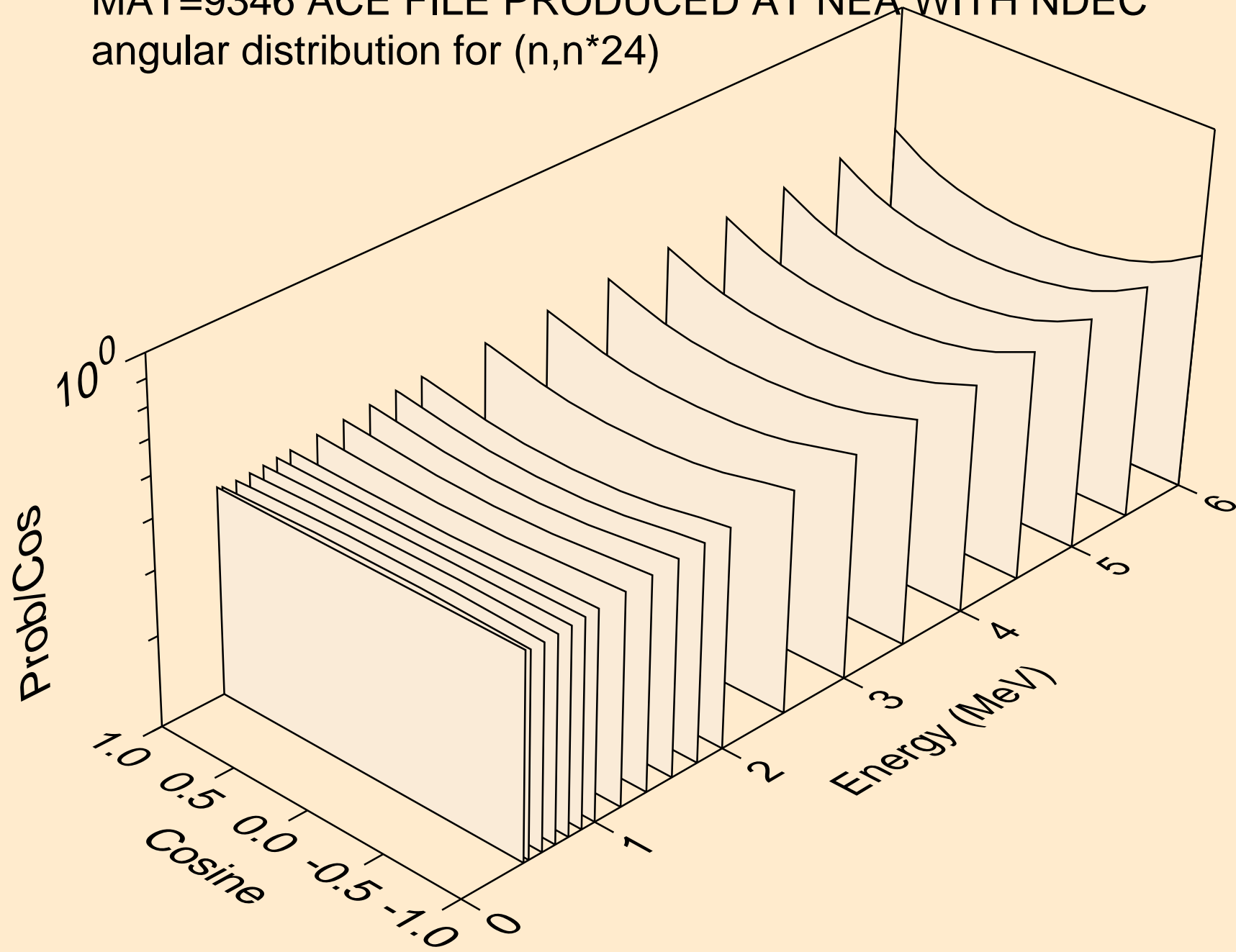
Energy (MeV)

0 1 2 3 4 5 6

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*25)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*26)

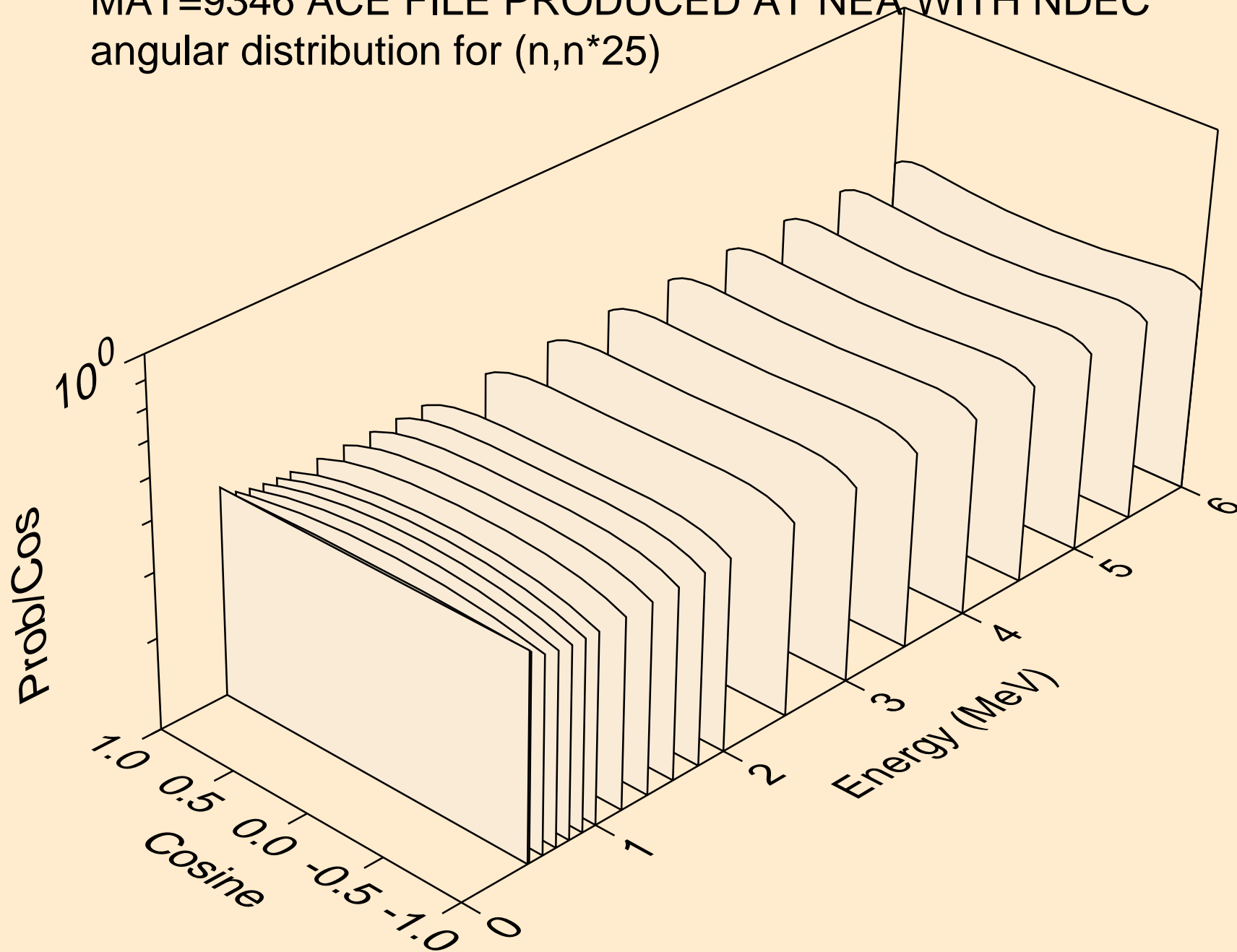MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
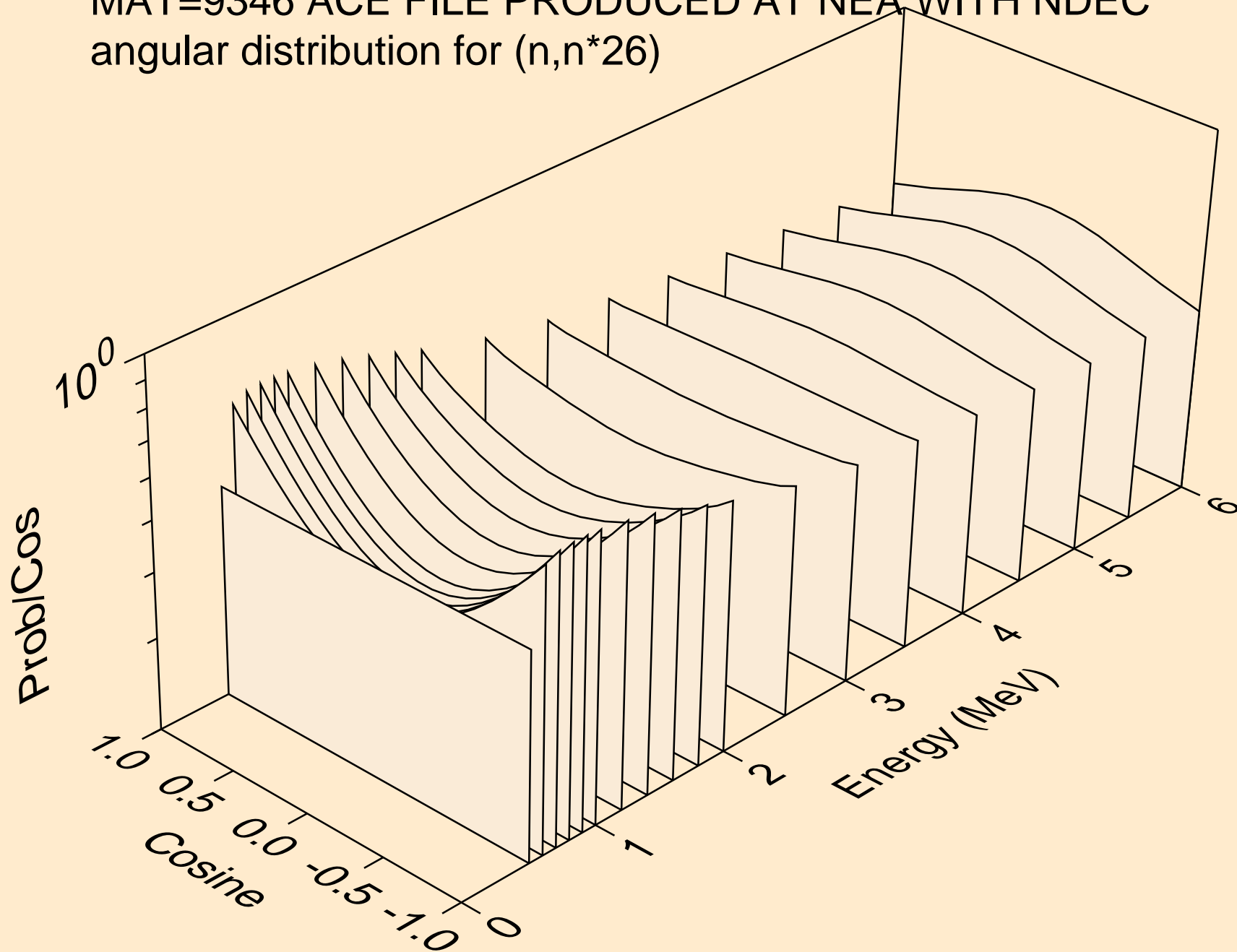angular distribution for (n,n*27)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,n*28)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
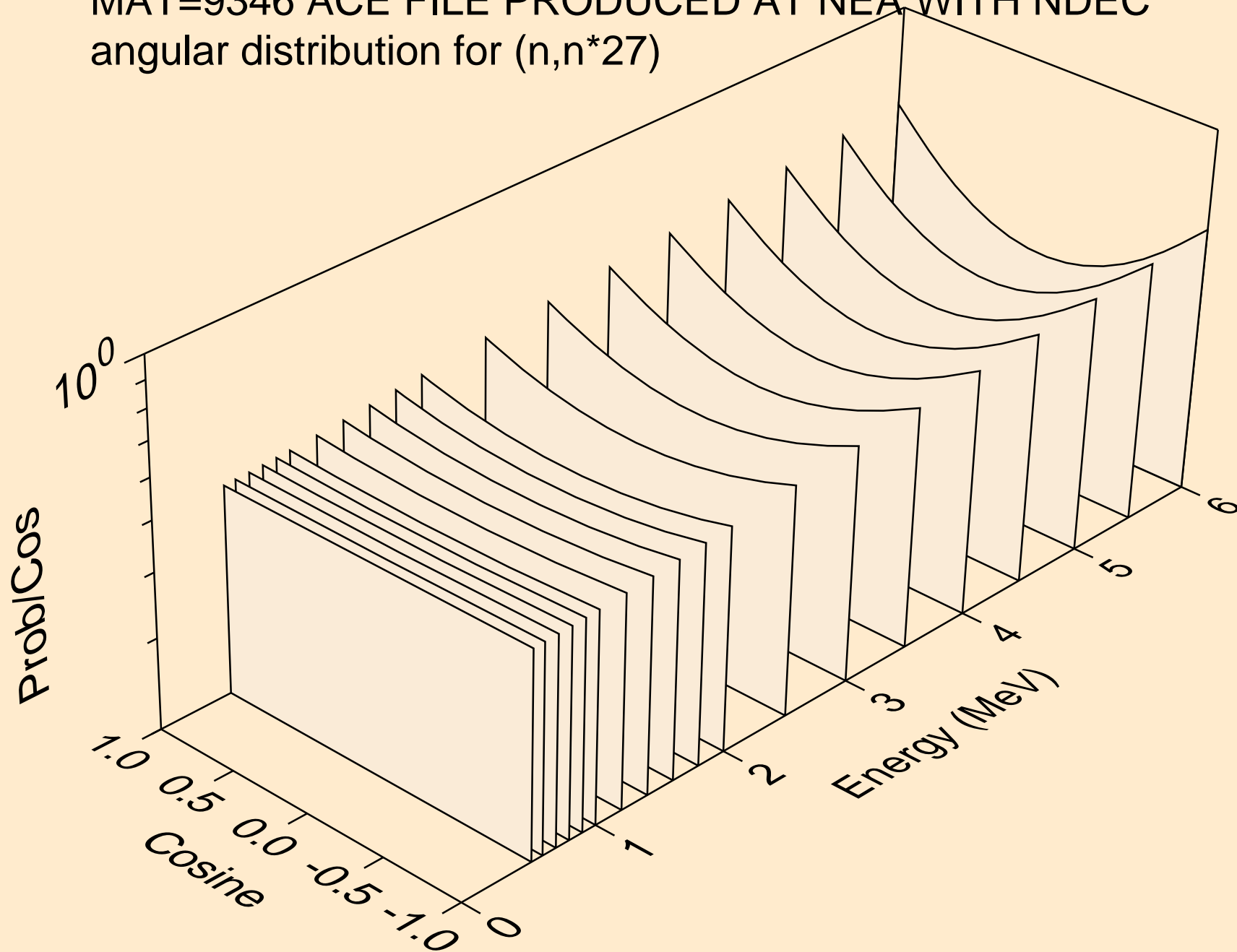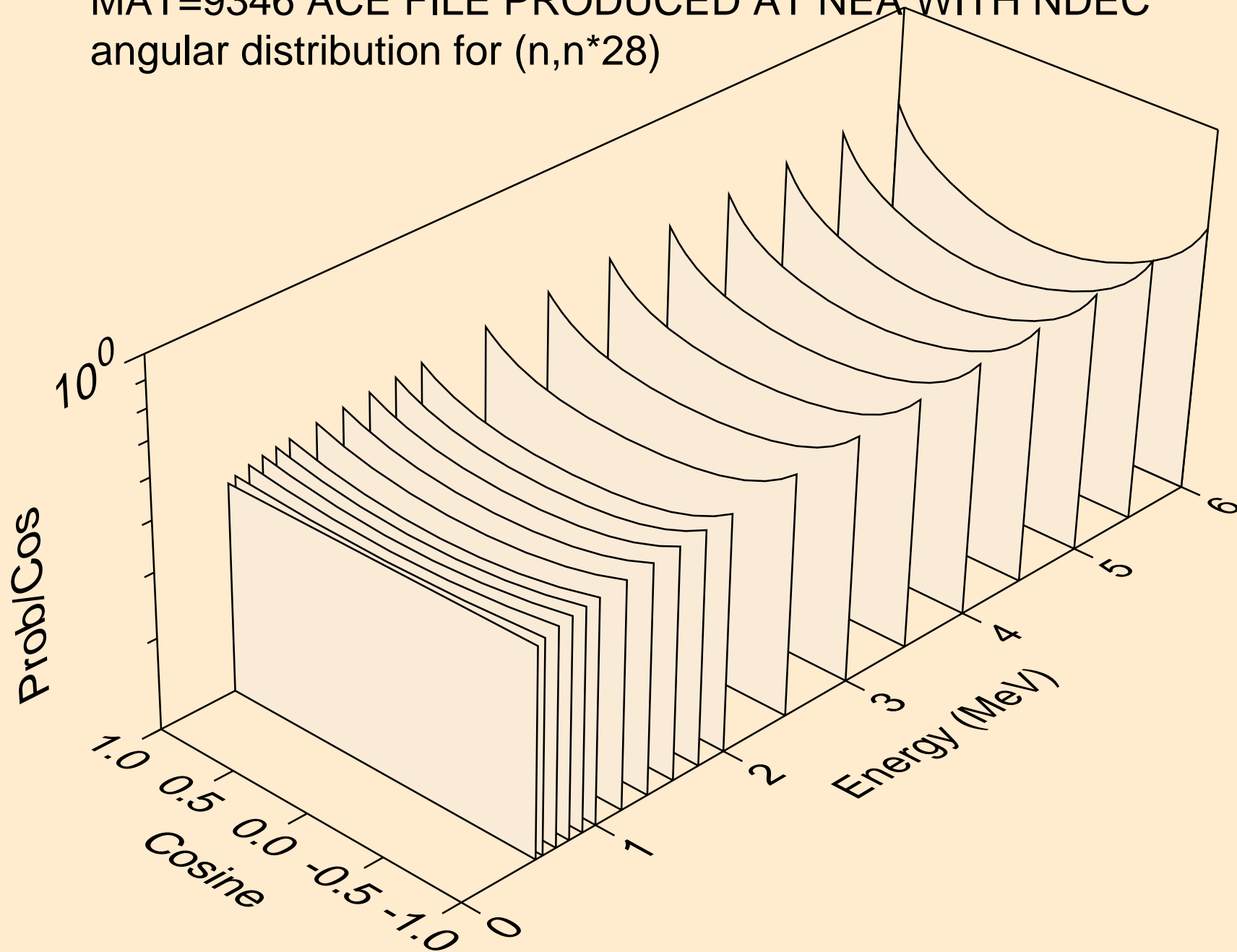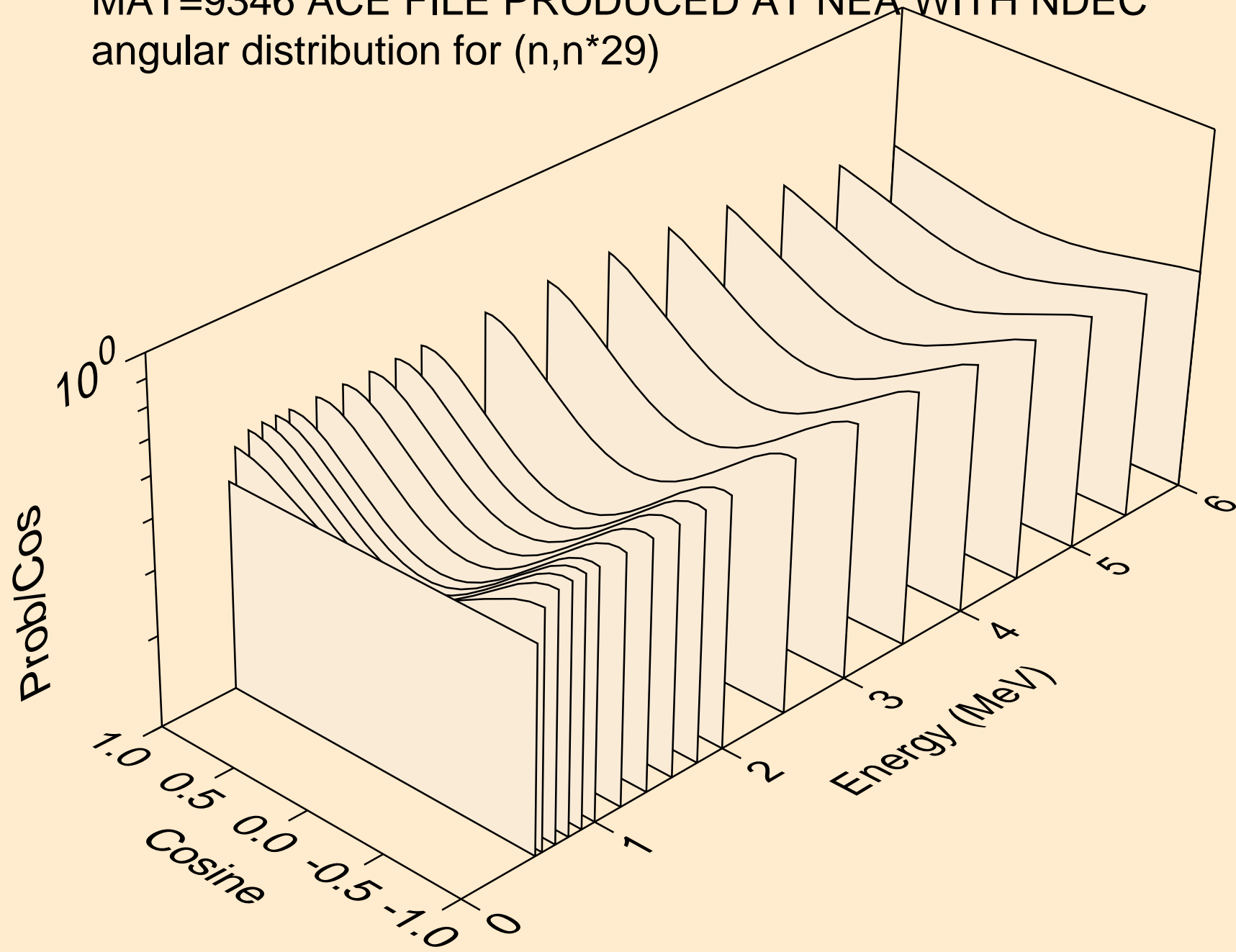angular distribution for (n,n*29)
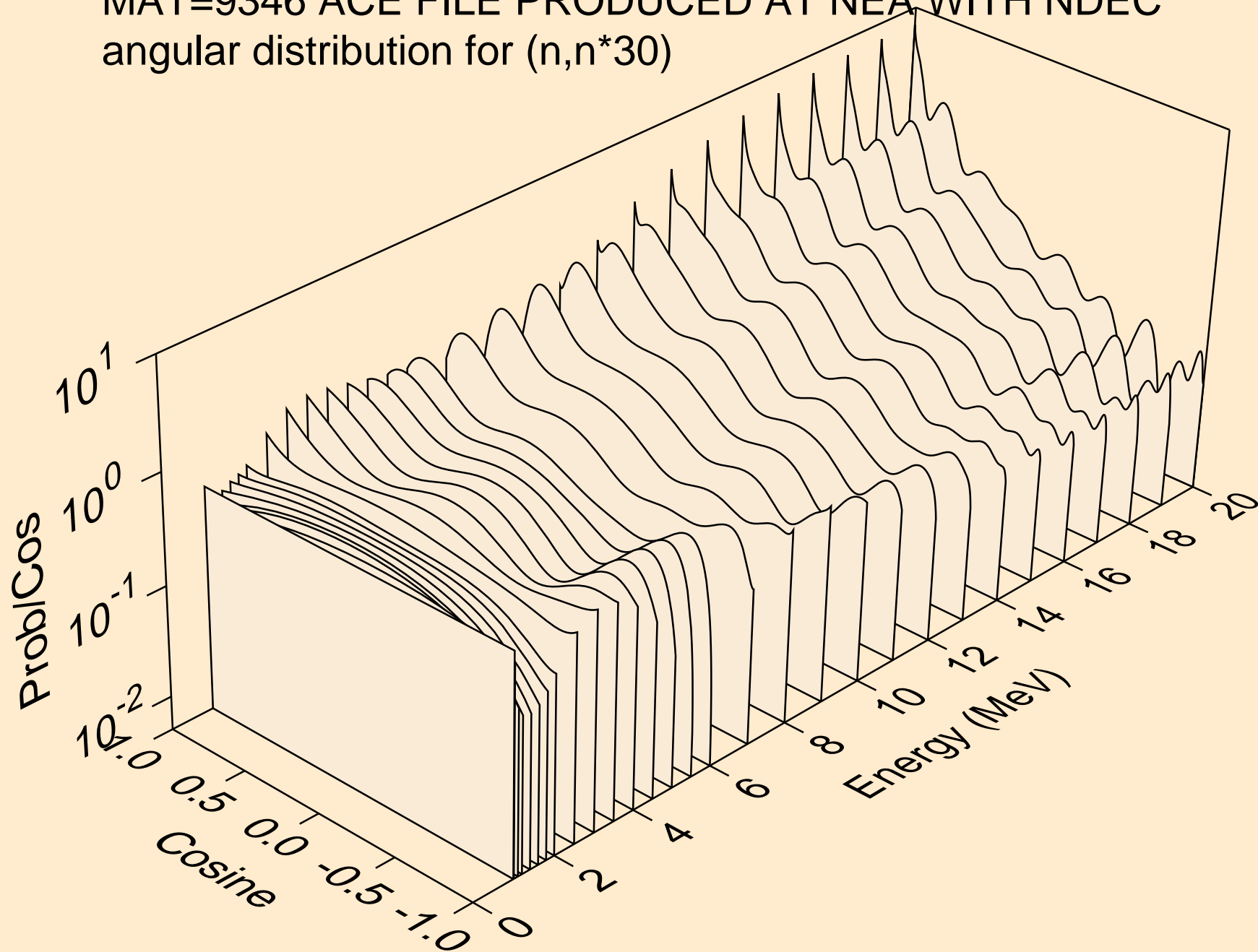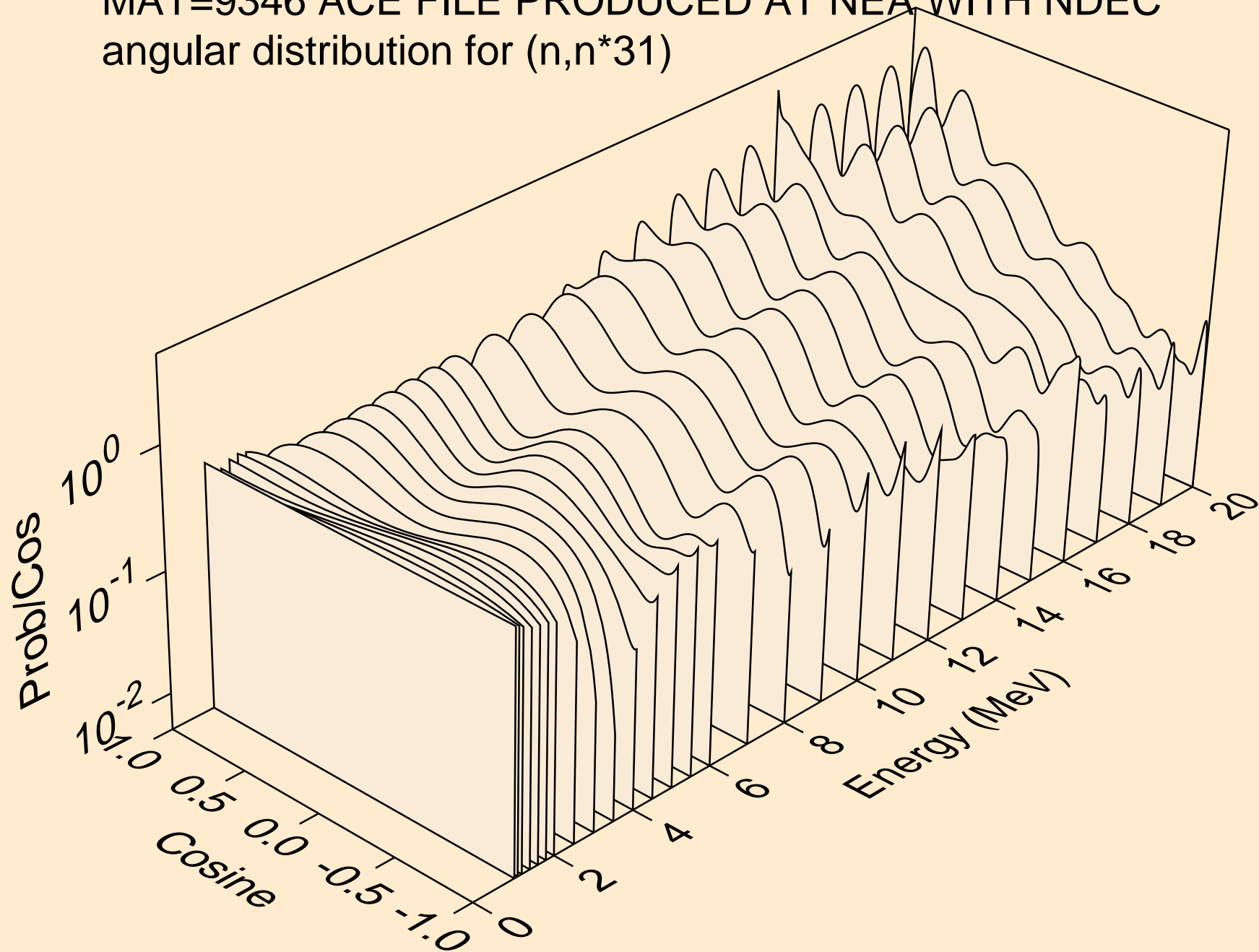
MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
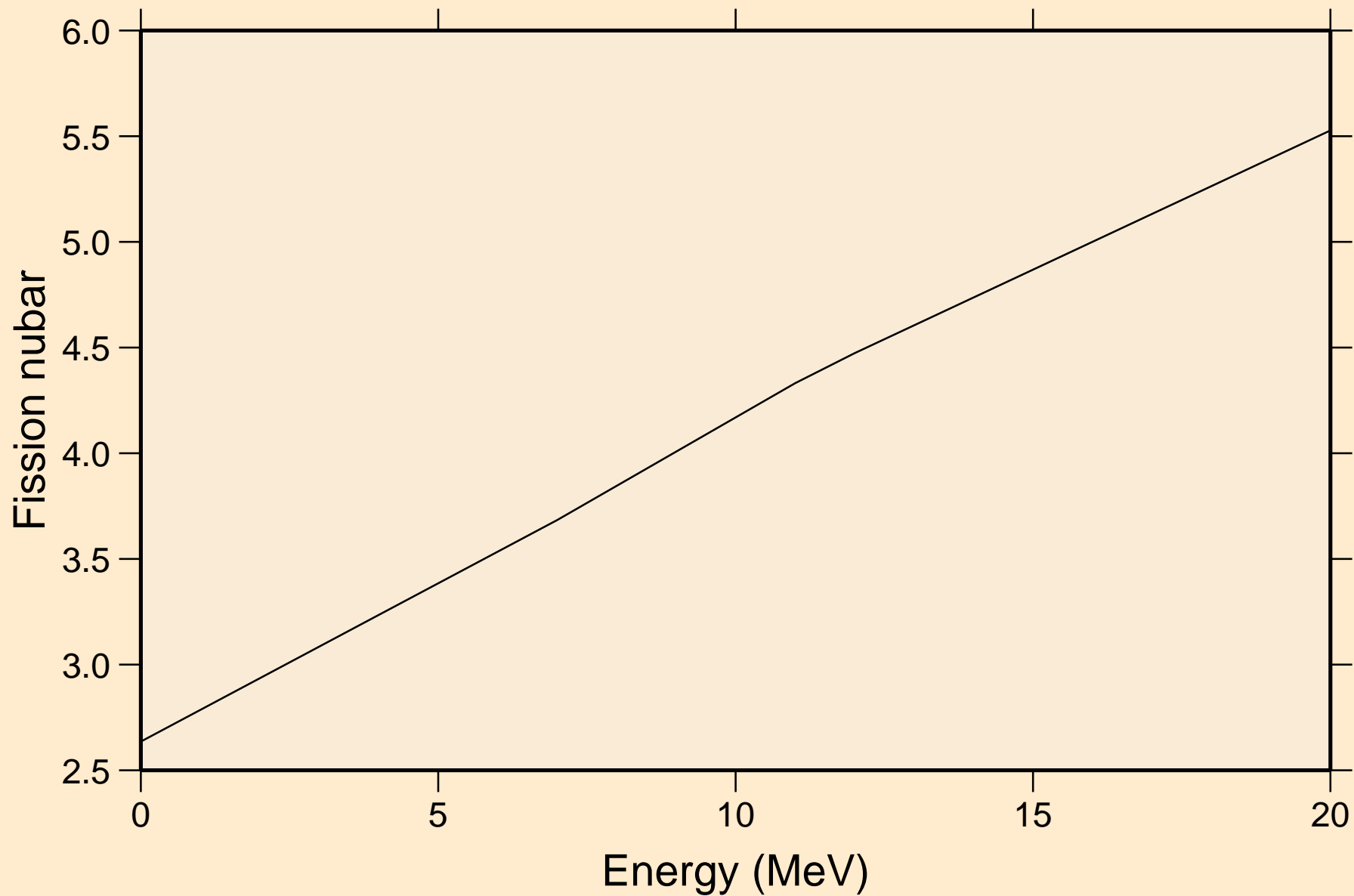angular distribution for (n,n*30)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
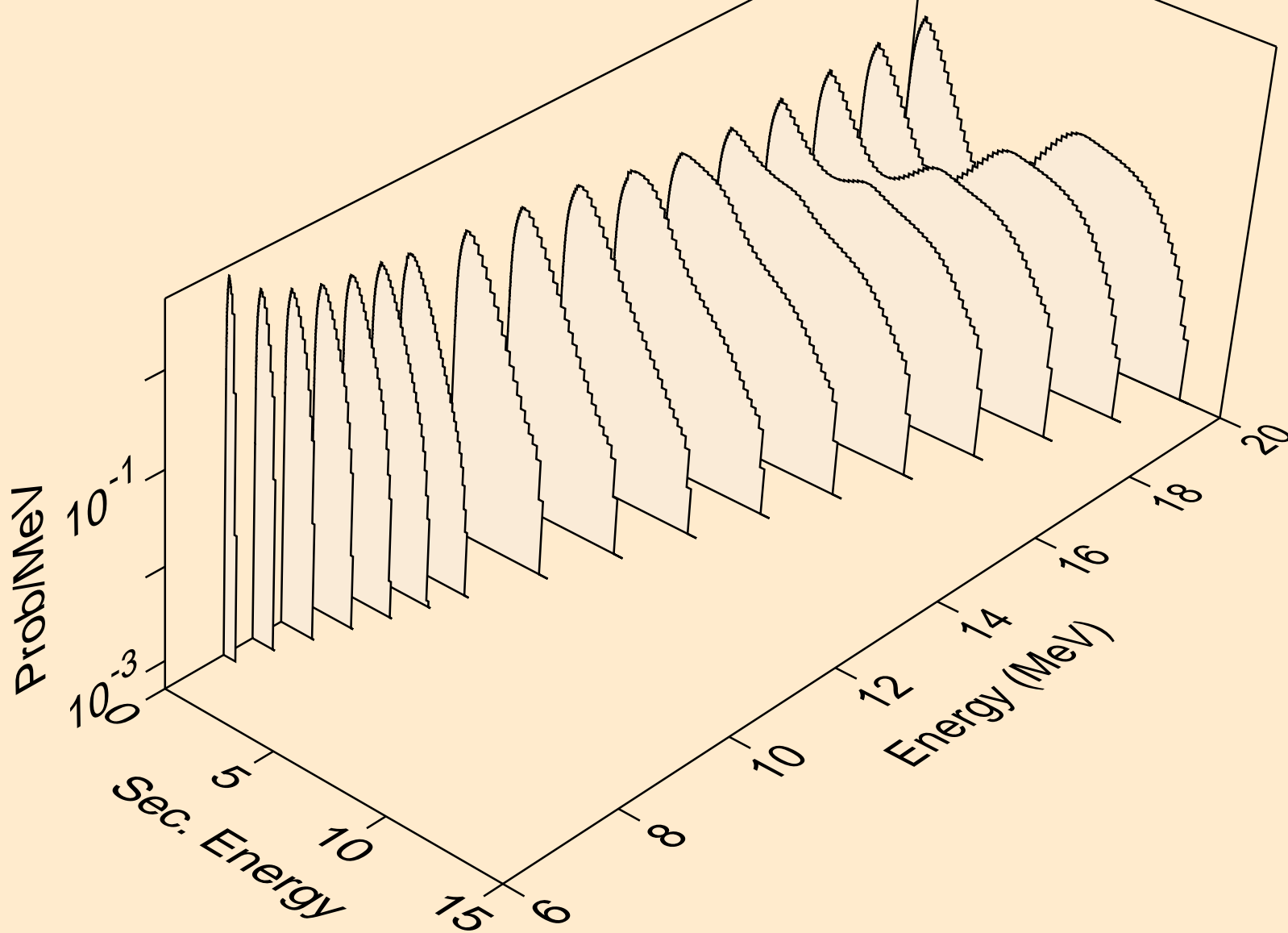angular distribution for (n,n*31)
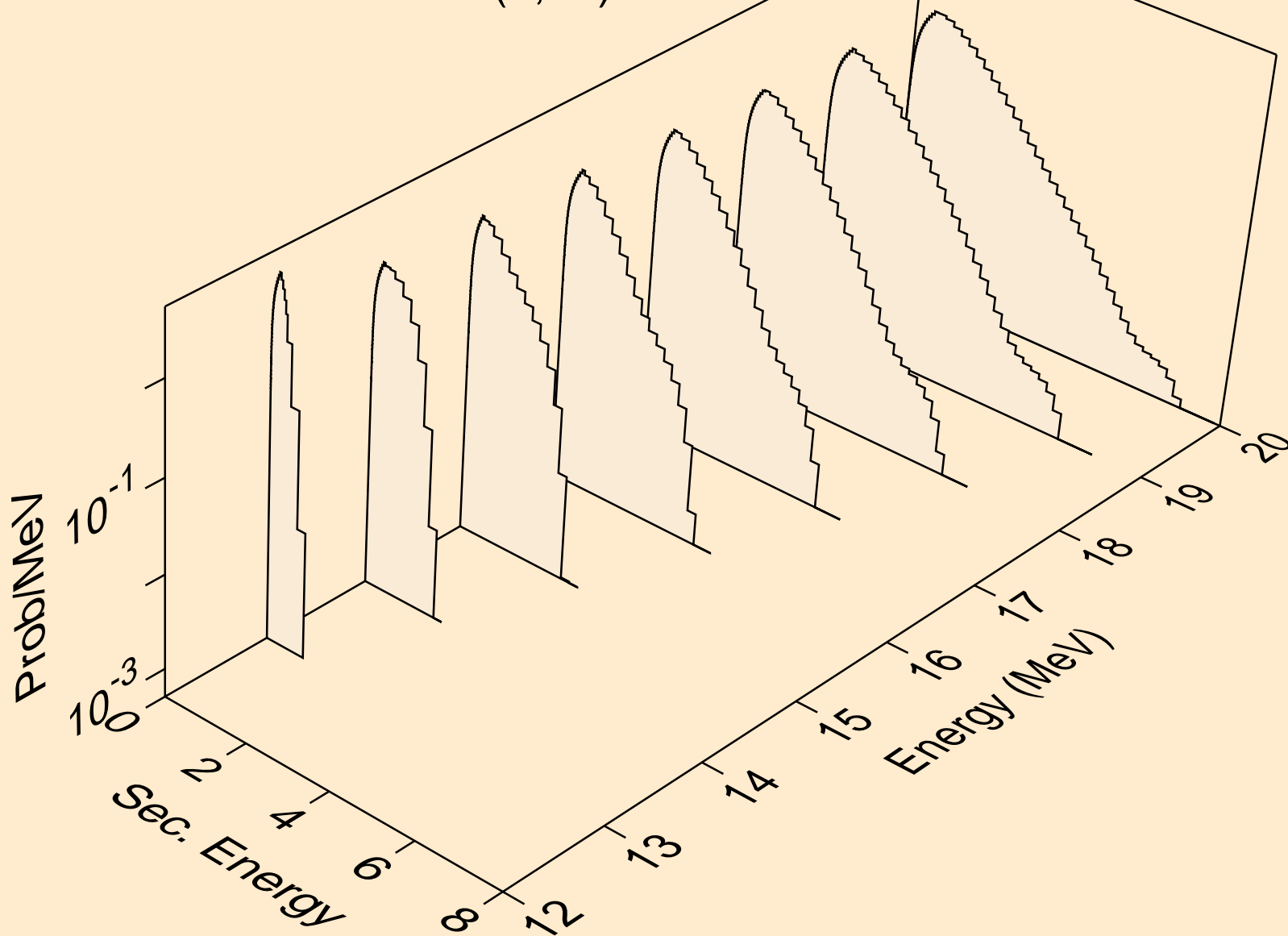
MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Total fission nubar

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Neutron emission for (n,2n)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Neutron emission for (n,3n)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
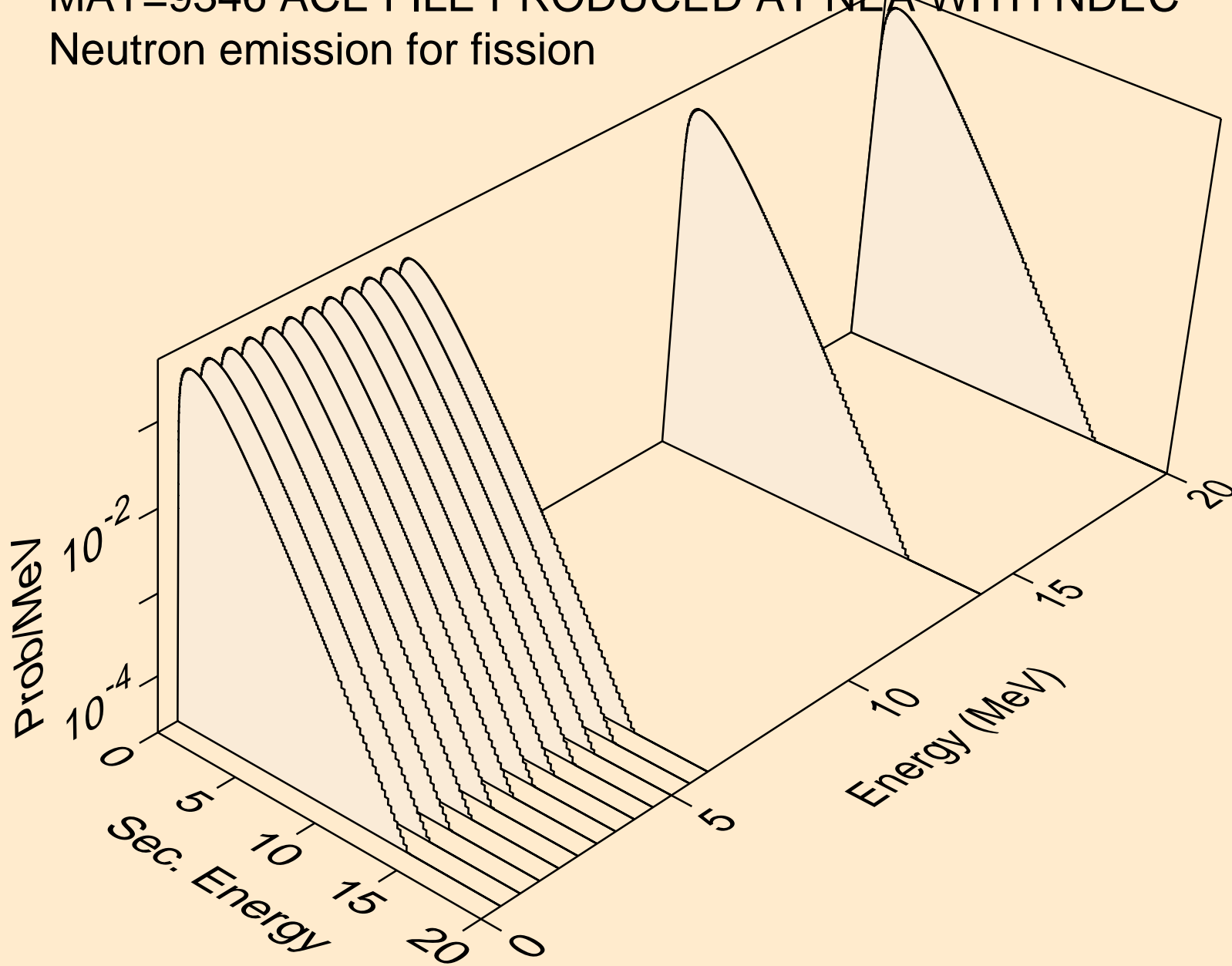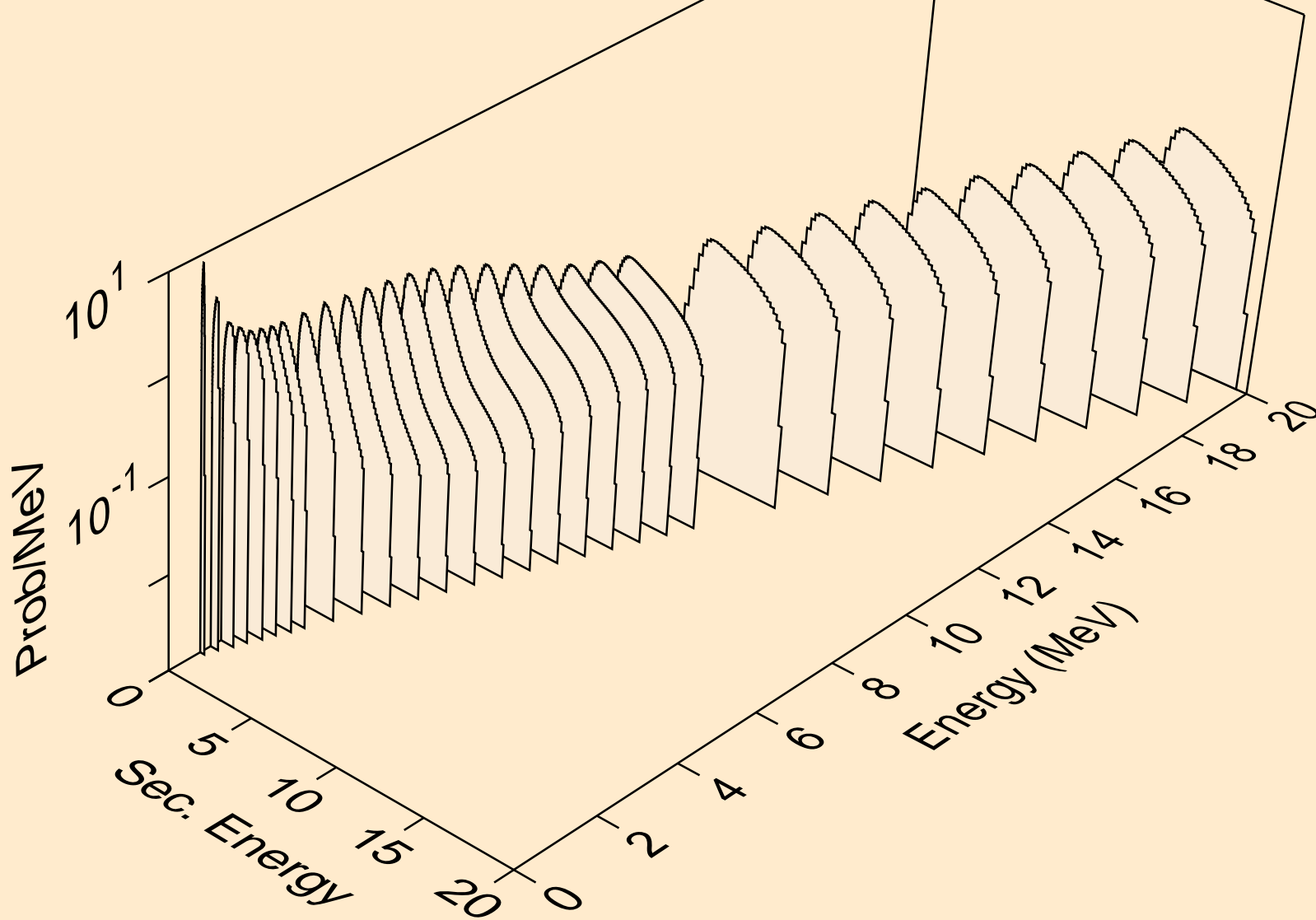Neutron emission for fission

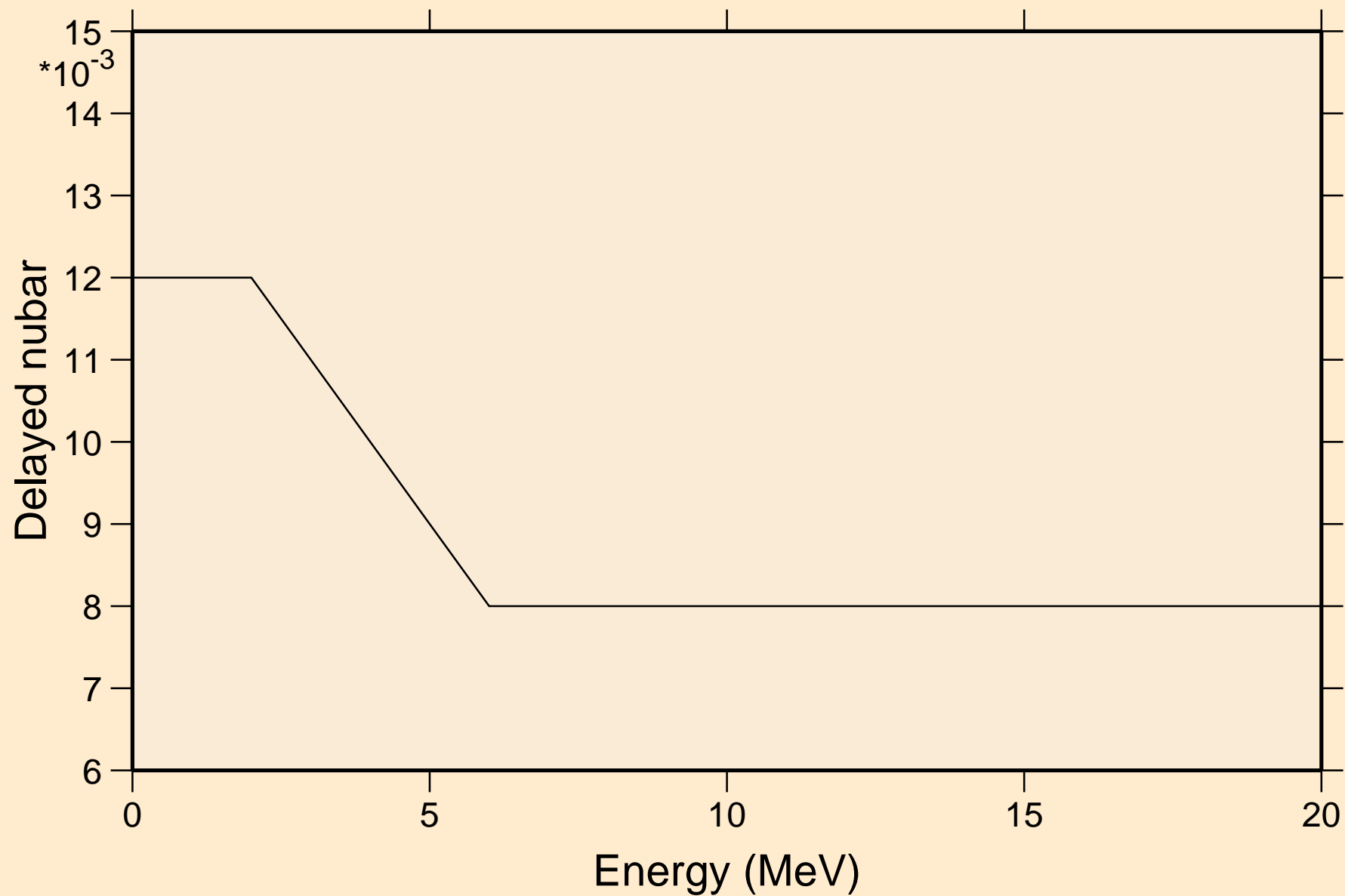MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC

Neutron emission for (n,4n)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
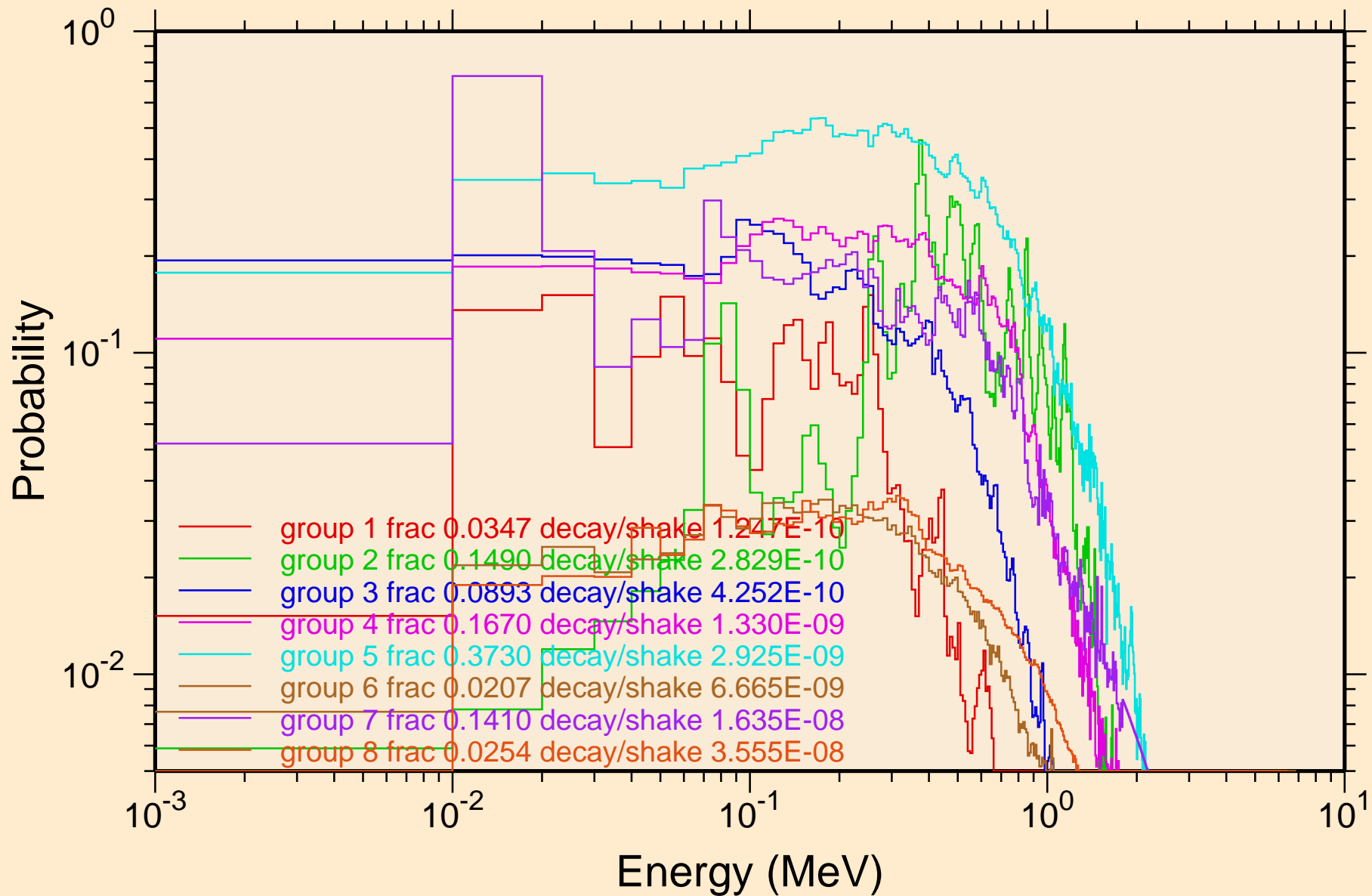Neutron emission for (n,n*c)

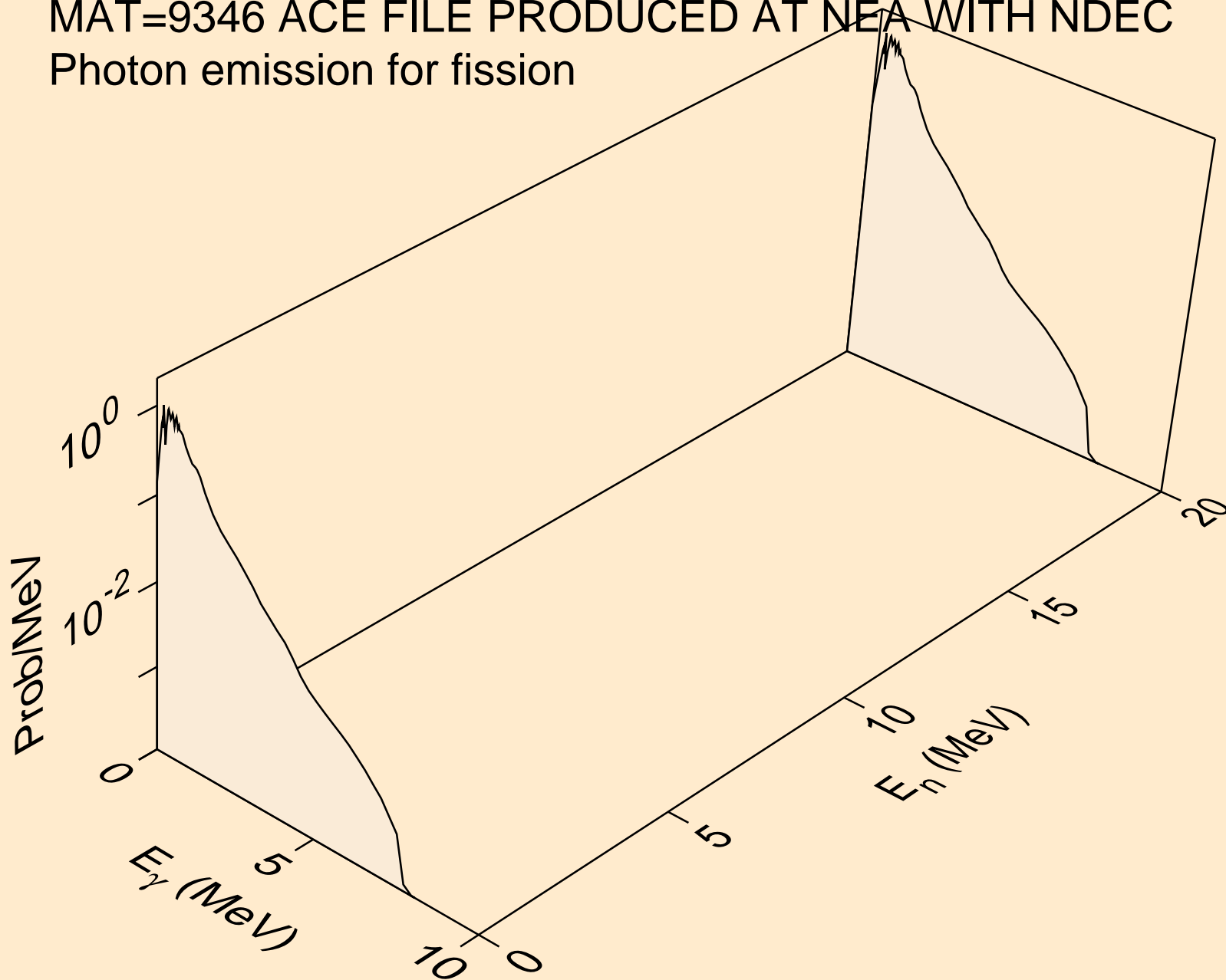MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Delayed nubar

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Delayed neutron spectra

group 1 frac 0.0347 decay/shake 1.247E-10
group 2 frac 0.1490 decay/shake 2.829E-10
group 3 frac 0.0893 decay/shake 4.252E-10
group 4 frac 0.1670 decay/shake 1.330E-09
group 5 frac 0.3730 decay/shake 2.925E-09
group 6 frac 0.0207 decay/shake 6.665E-09
group 7 frac 0.1410 decay/shake 1.635E-08
group 8 frac 0.0254 decay/shake 3.555E-08
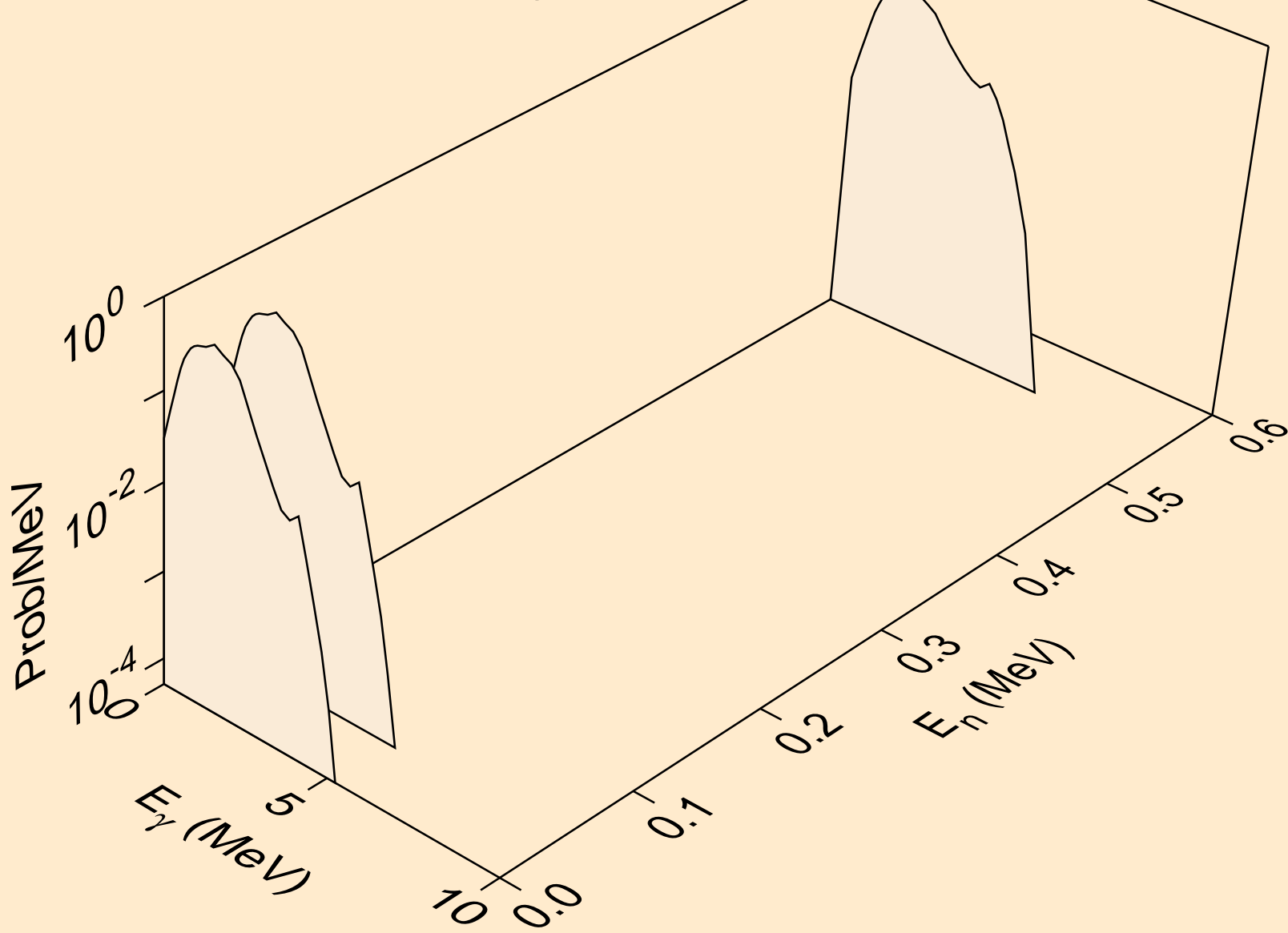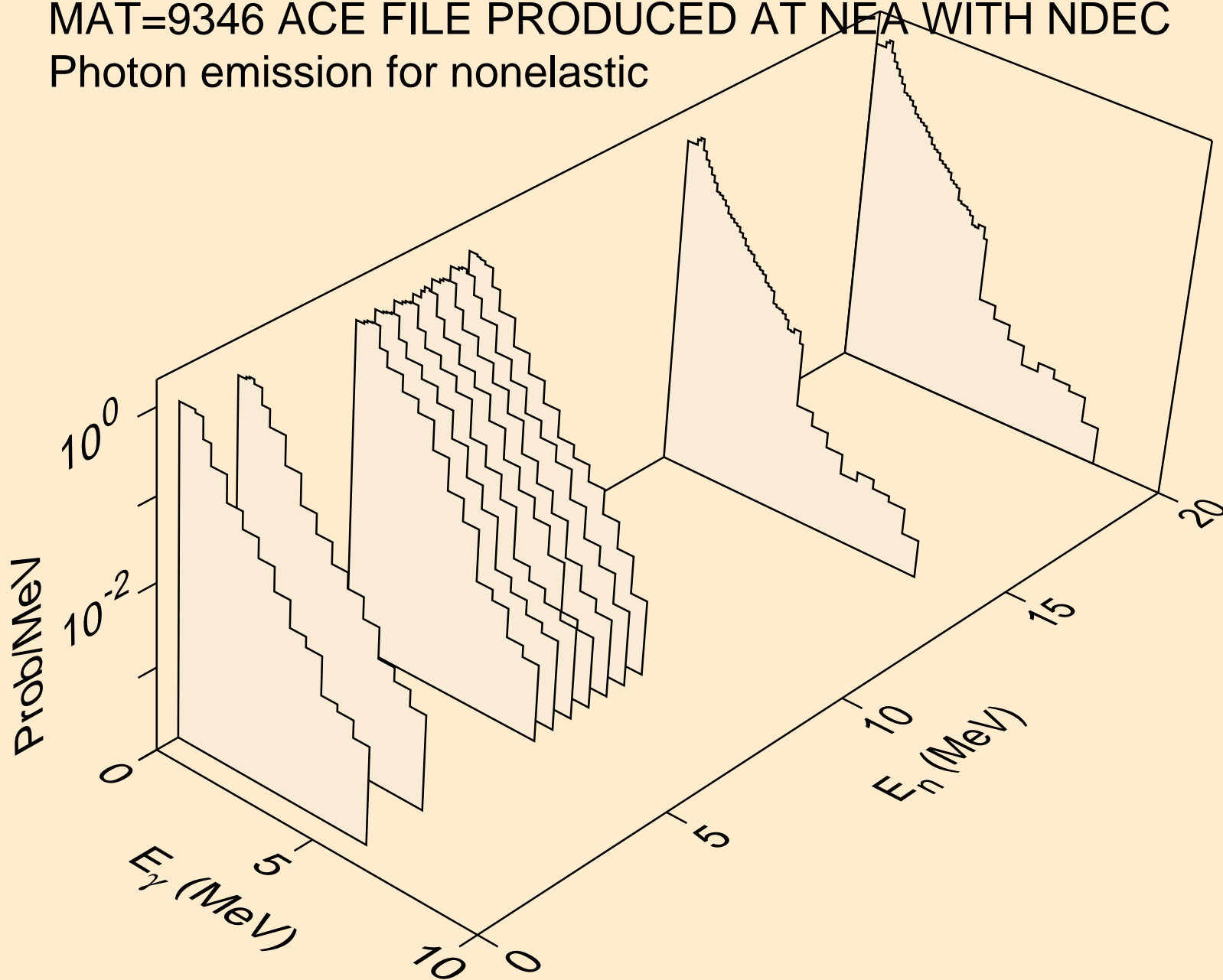
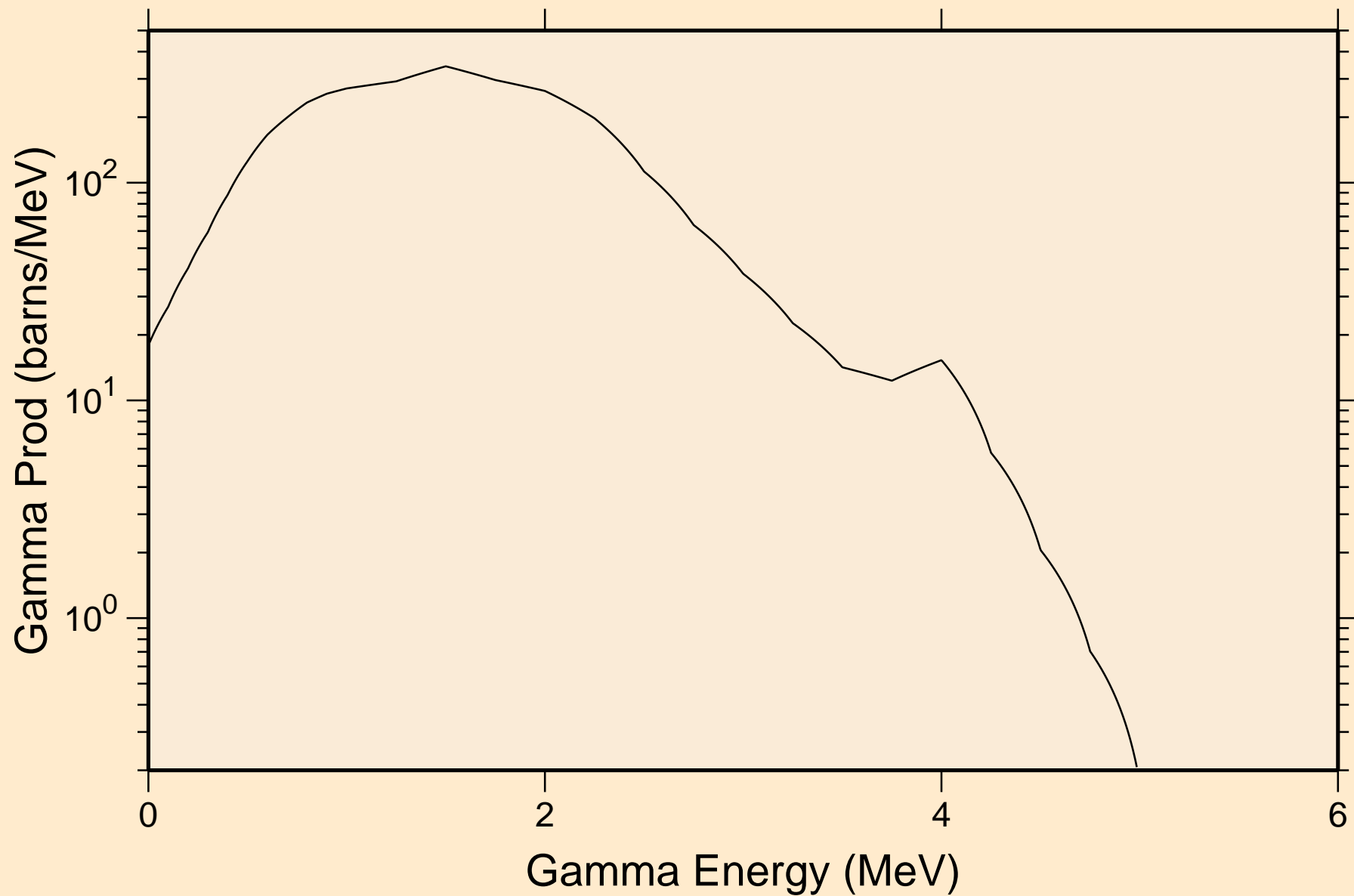MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Photon emission for fission

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Photon emission for (n,gma)

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
Photon emission for nonelastic

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
thermal capture photon spectrum

MAT=9346 ACE FILE PRODUCED AT NEA WITH NDEC
14 MeV photon spectrum