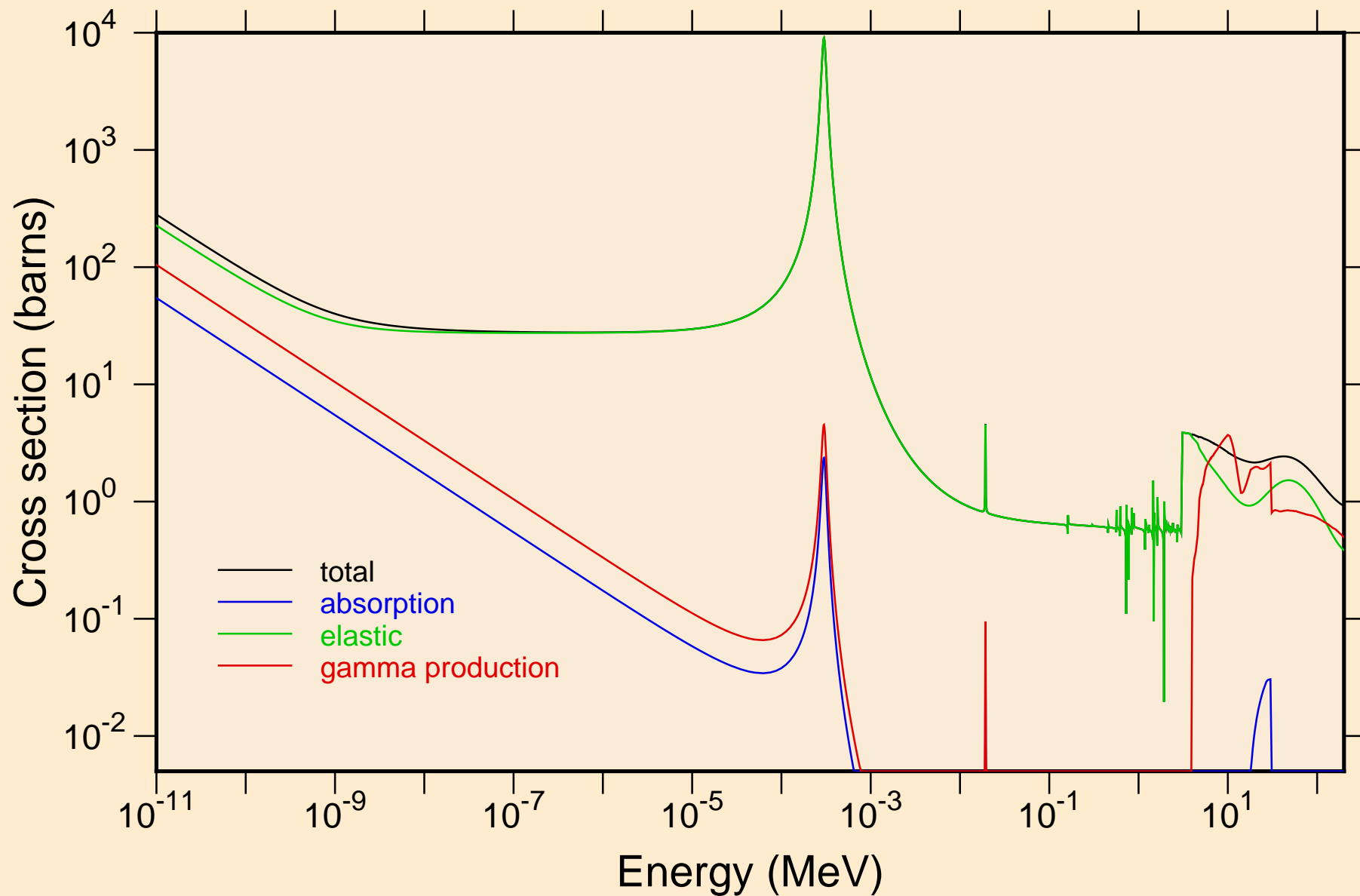
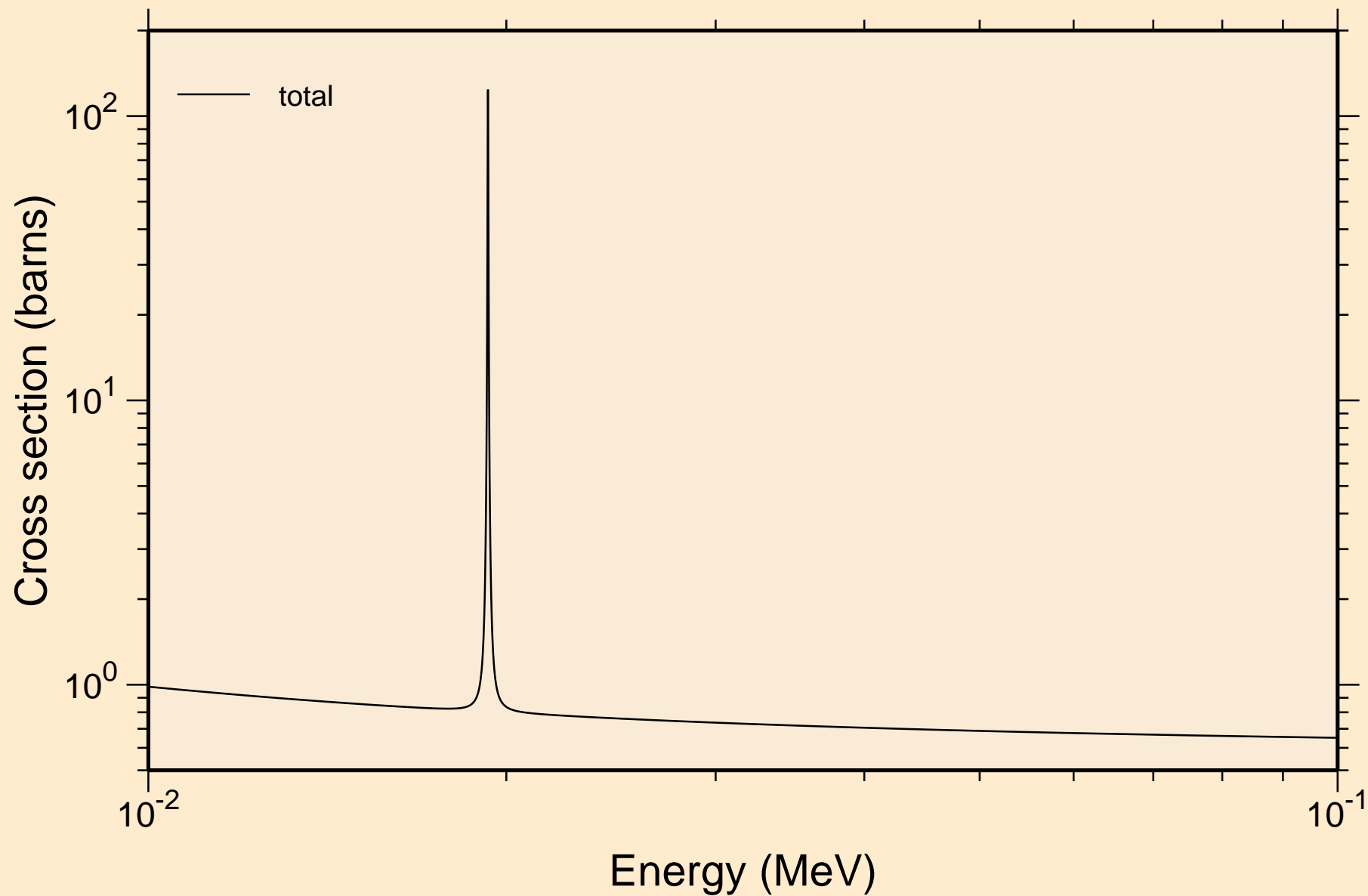


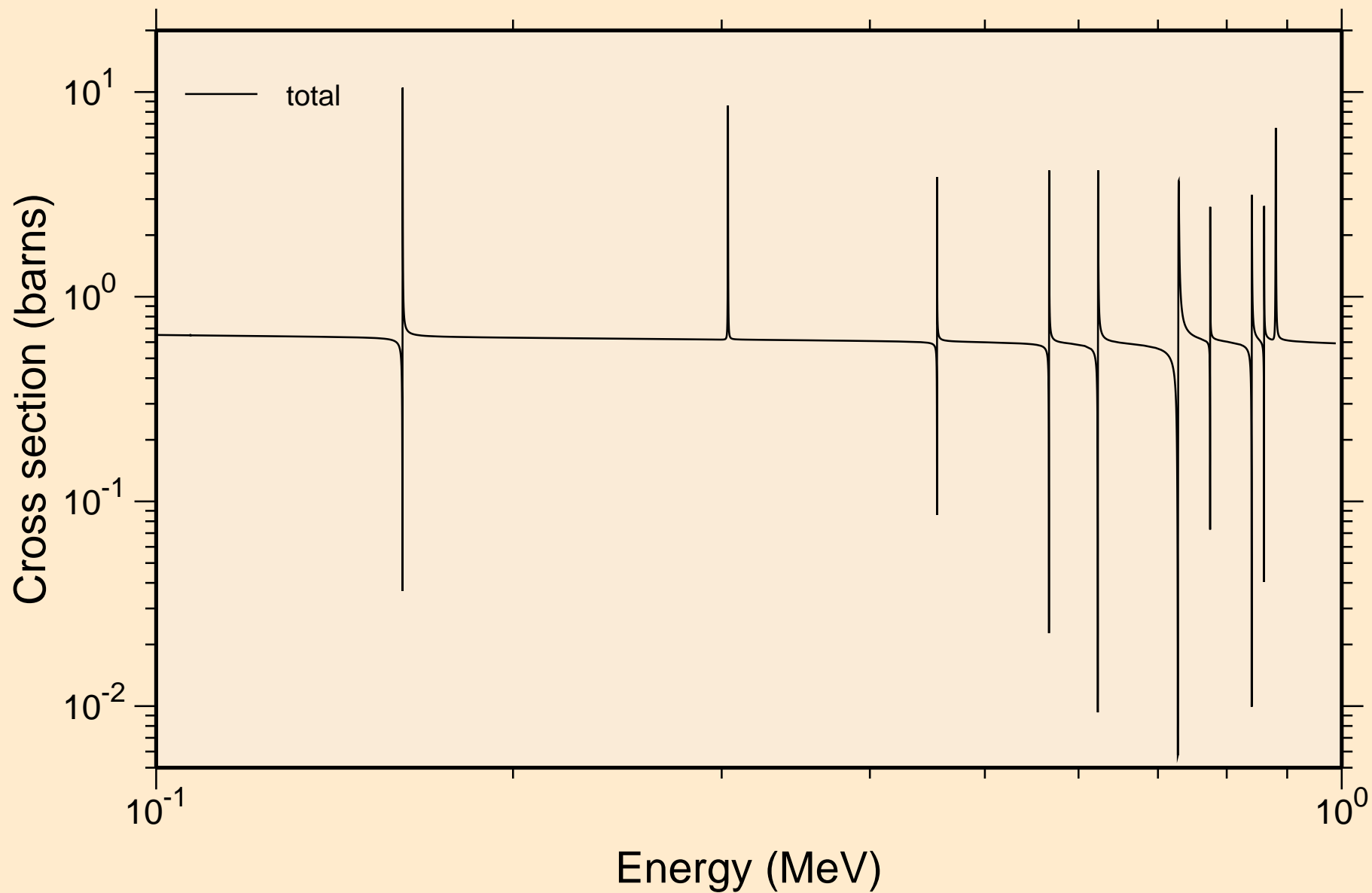
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Principal cross sections



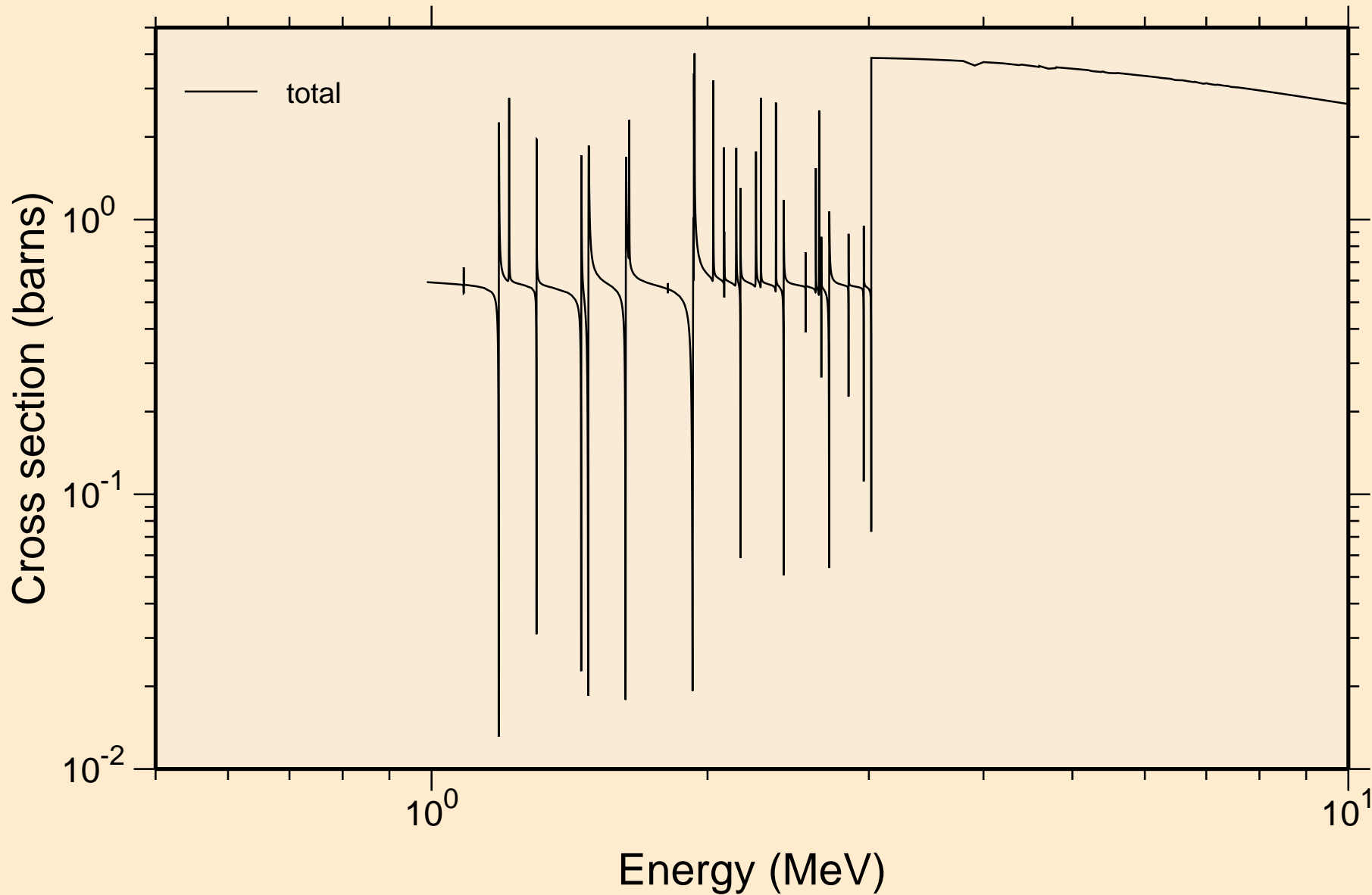
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance total cross section



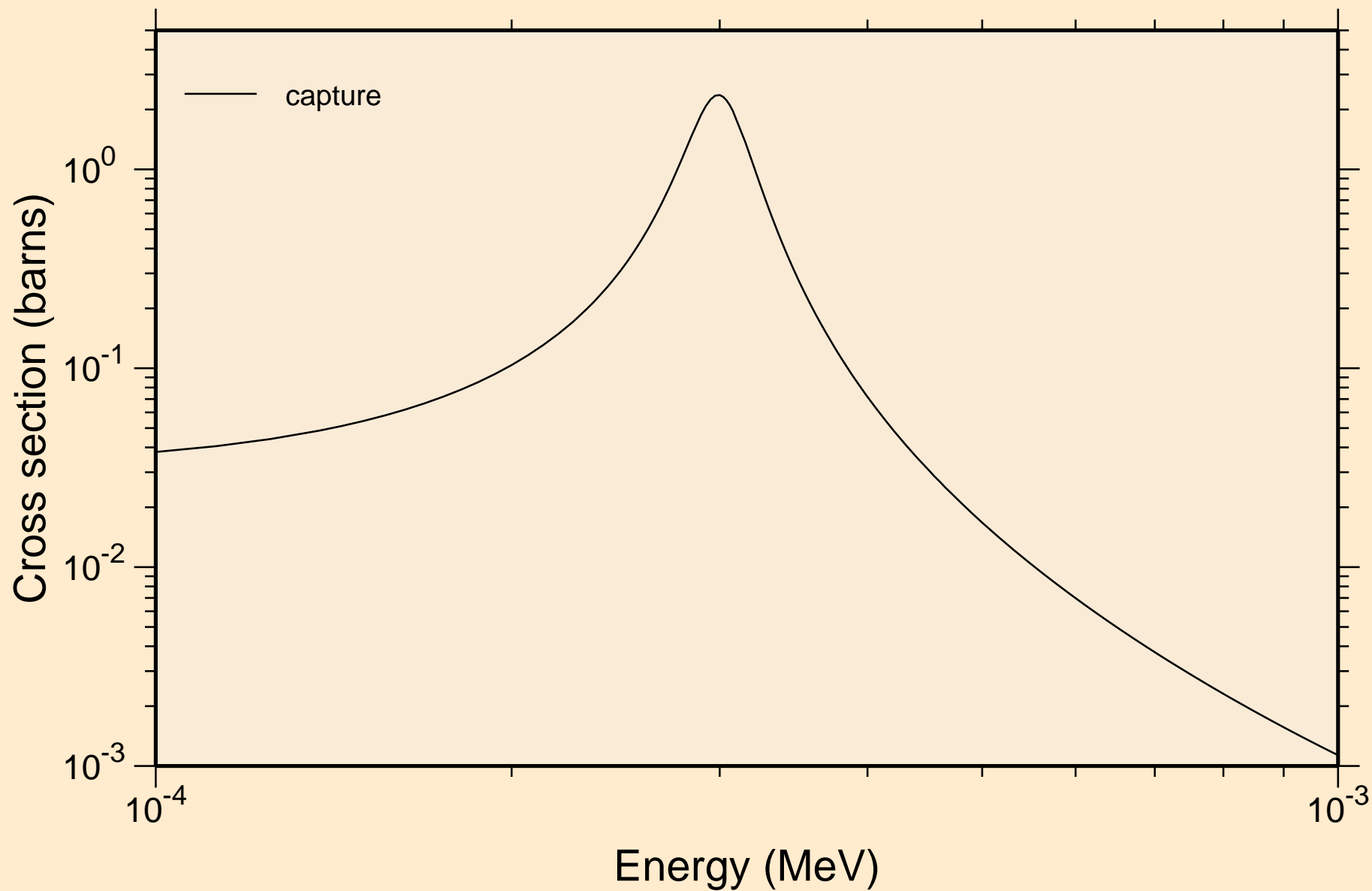
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance total cross section



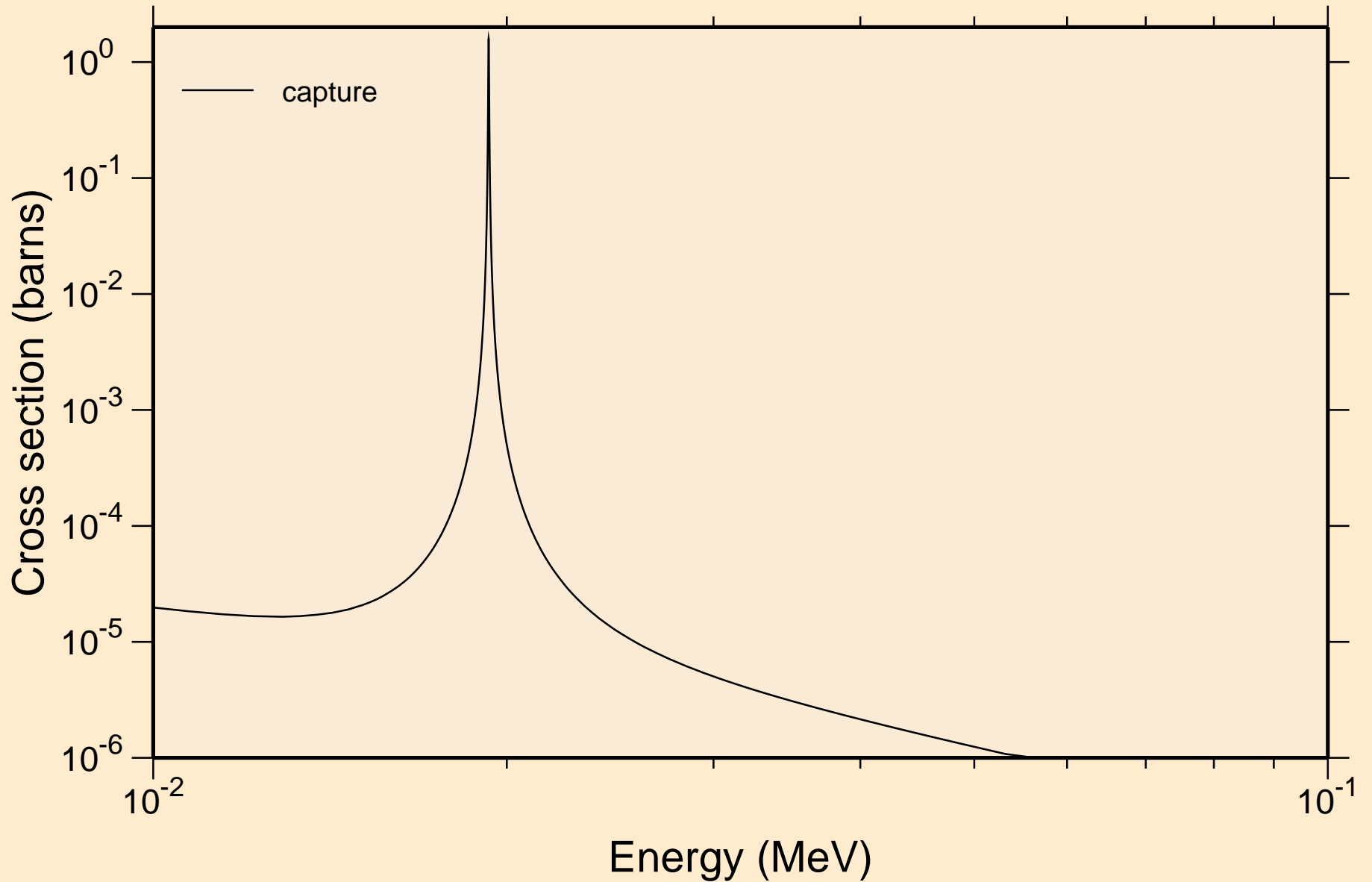
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance total cross section



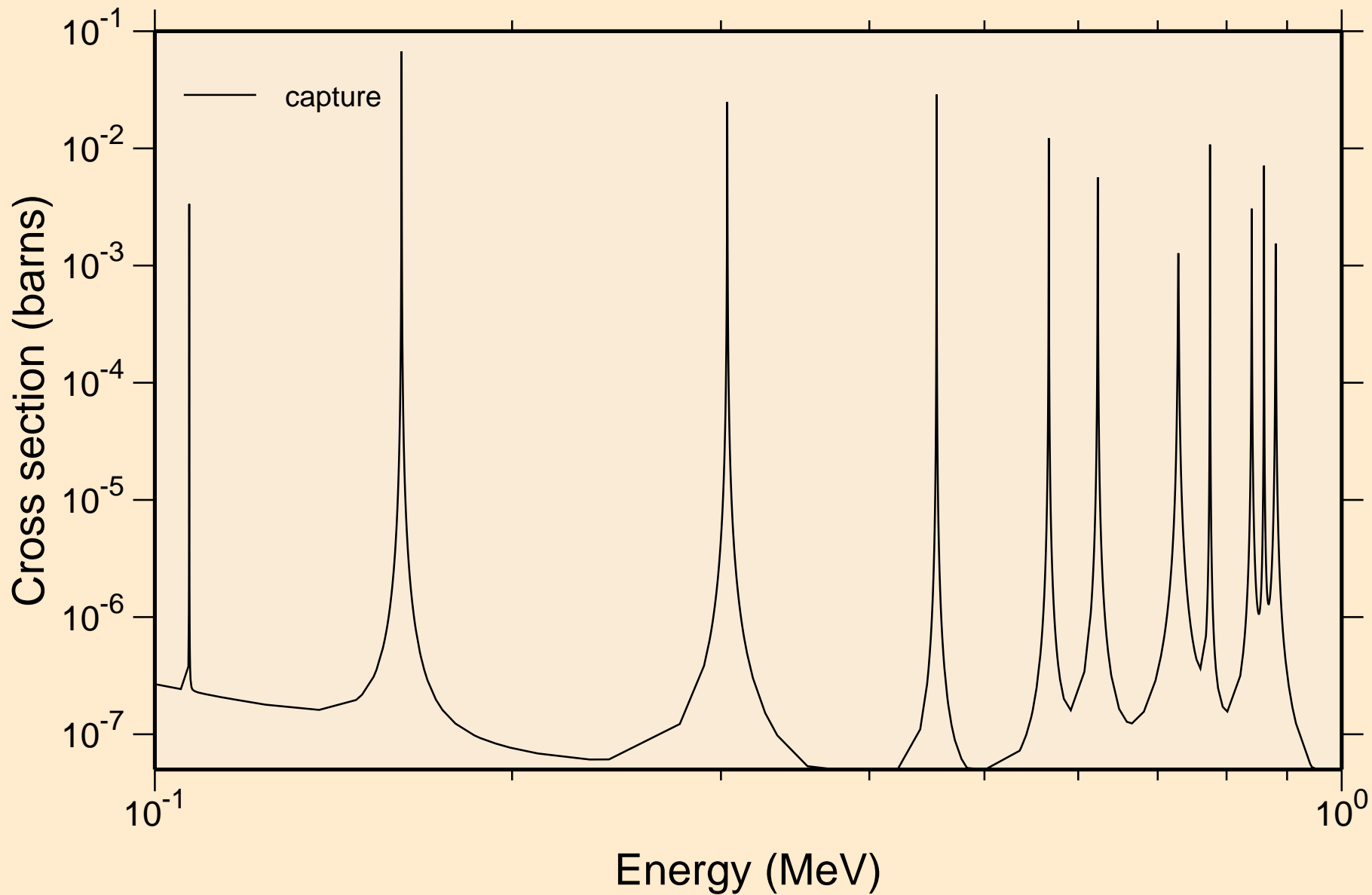
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance absorption cross sections



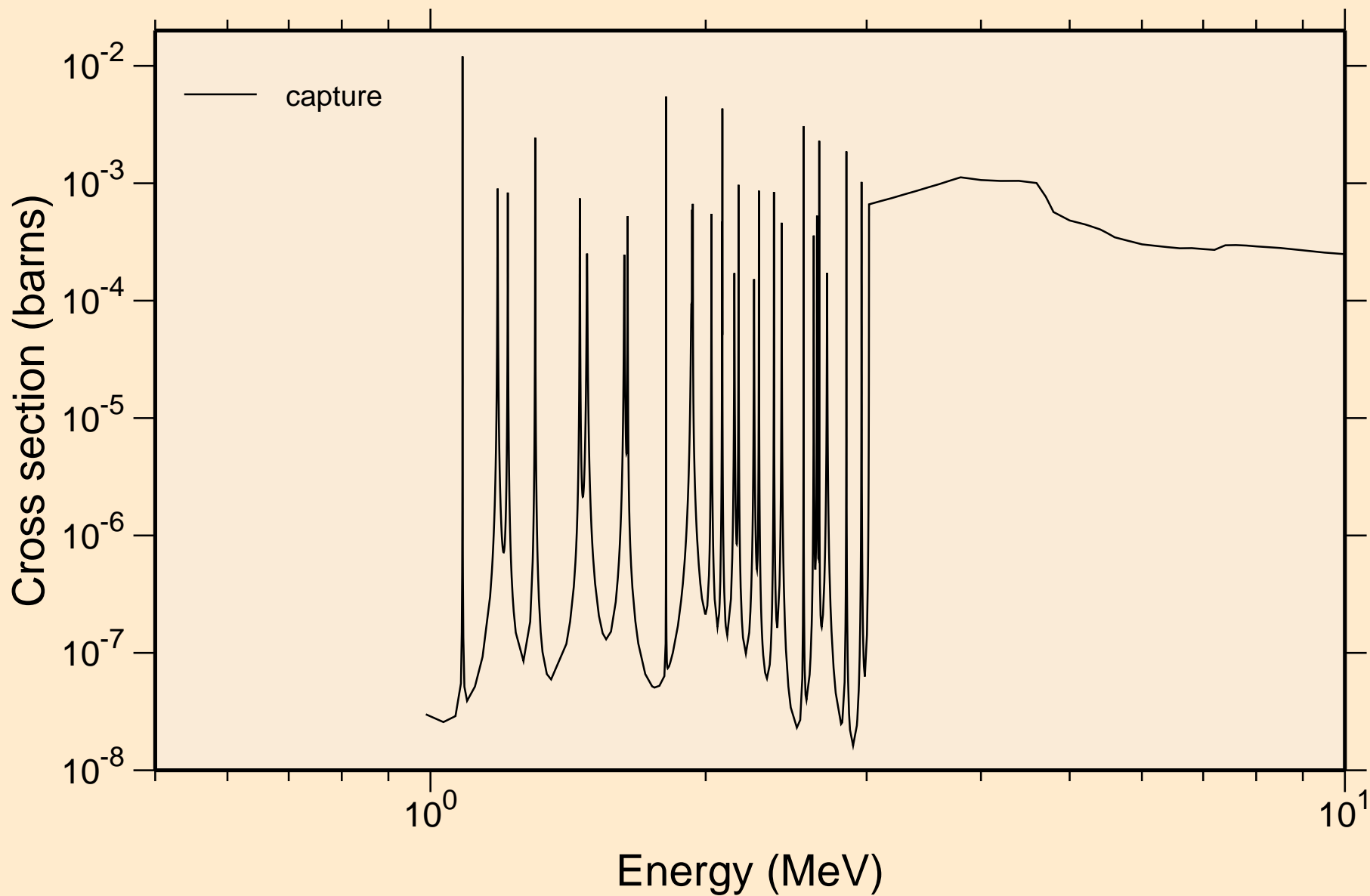
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance absorption cross sections



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance absorption cross sections

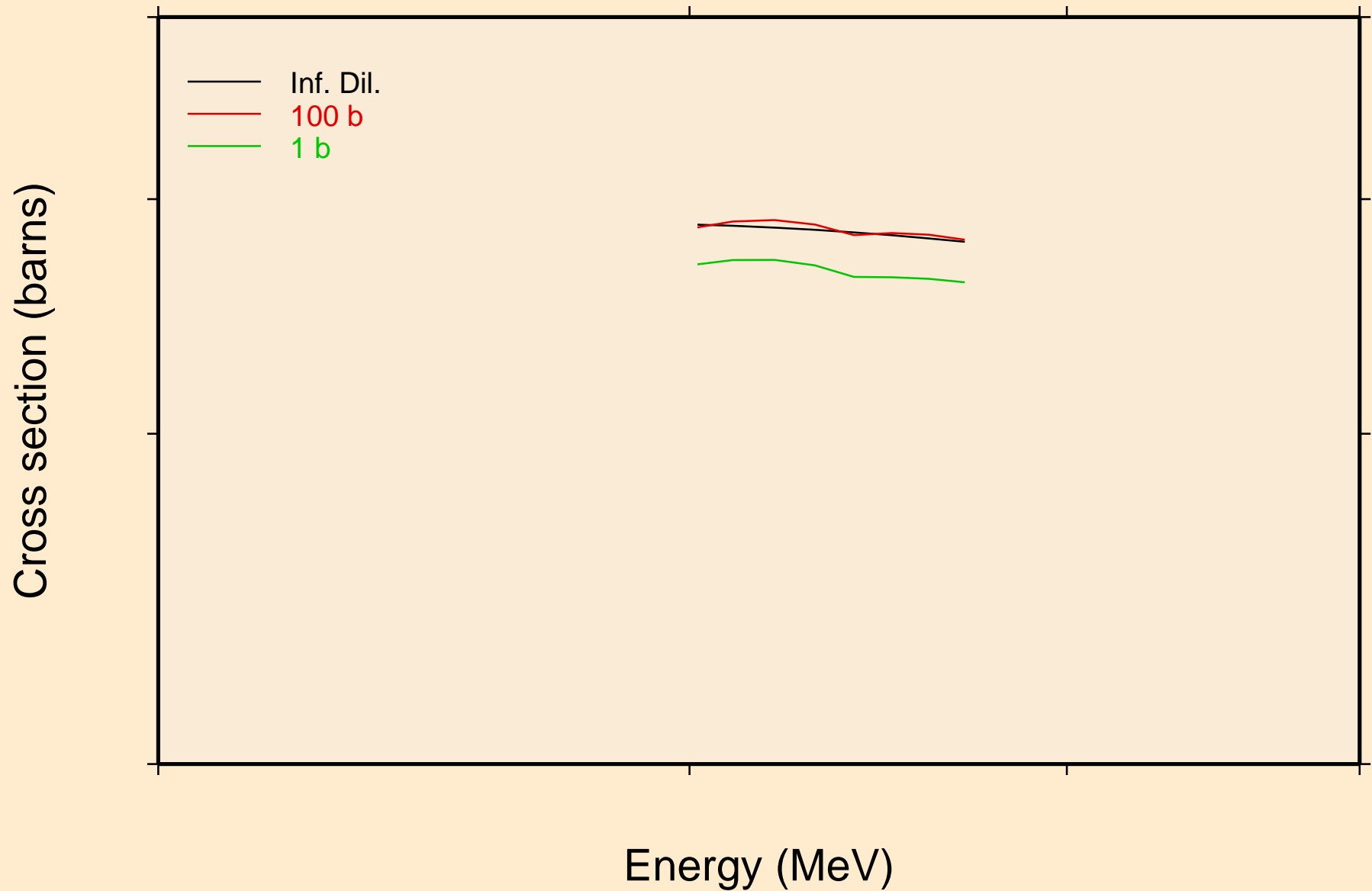


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance absorption cross sections

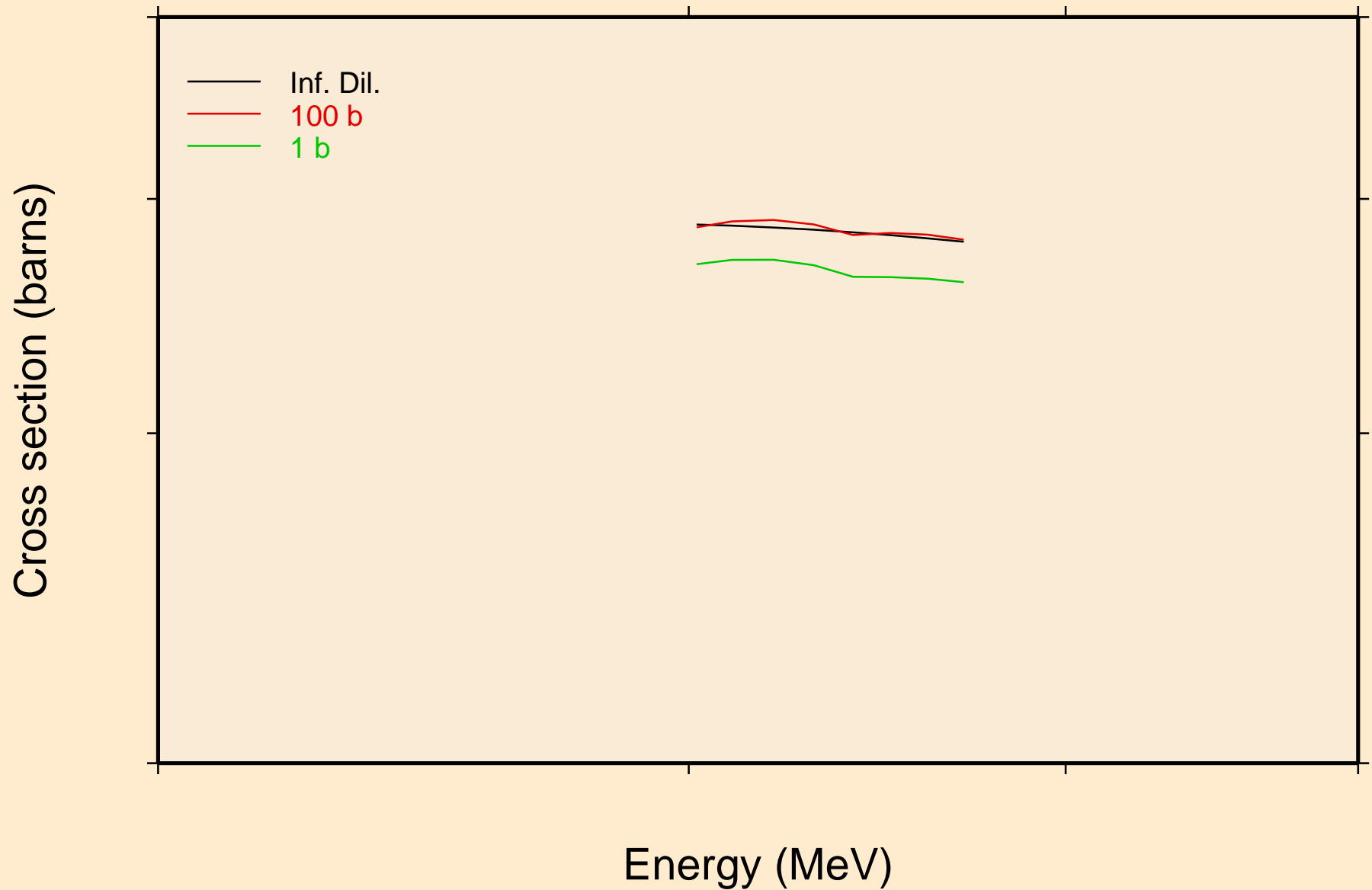




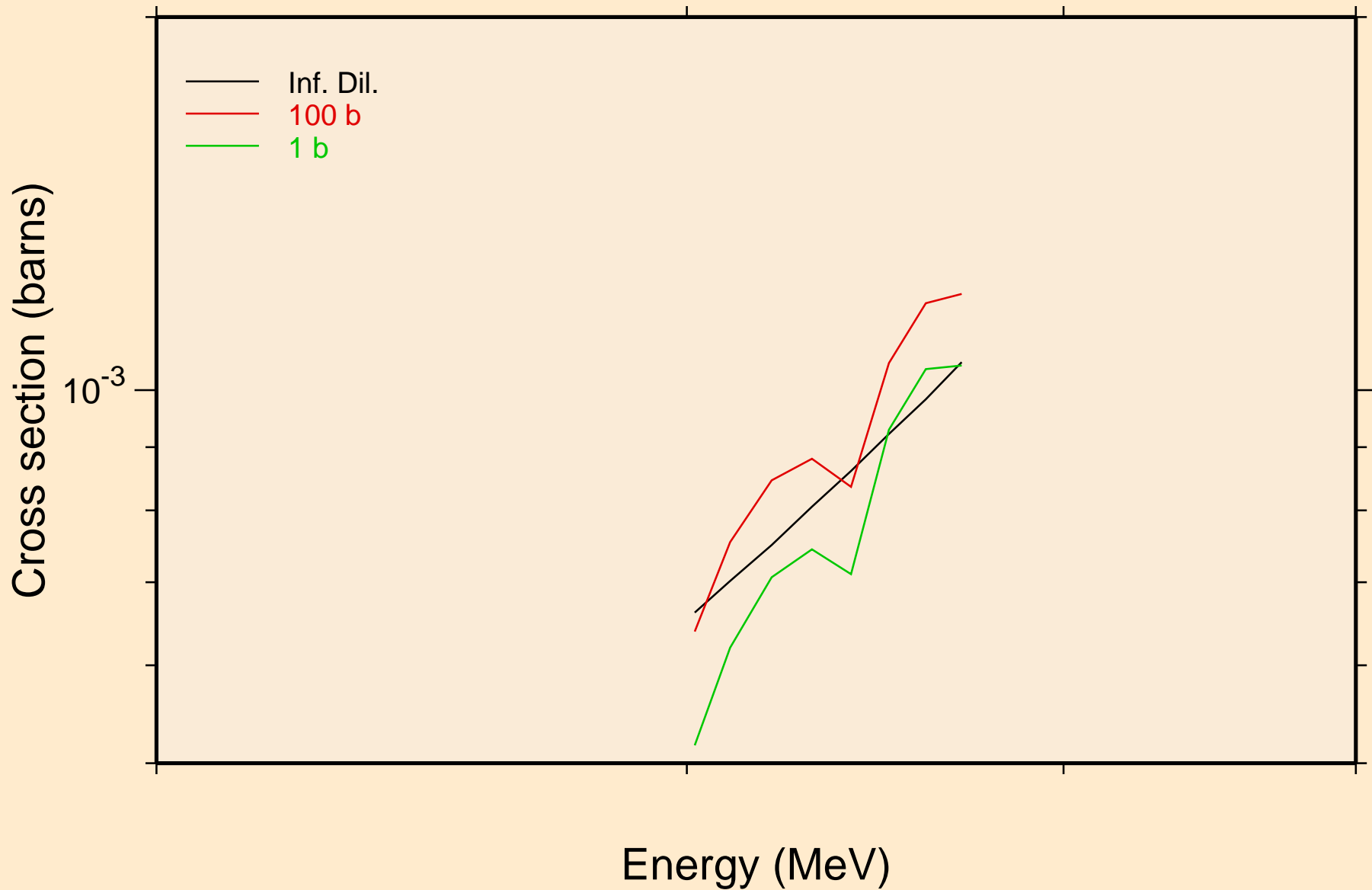
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
UR total cross section



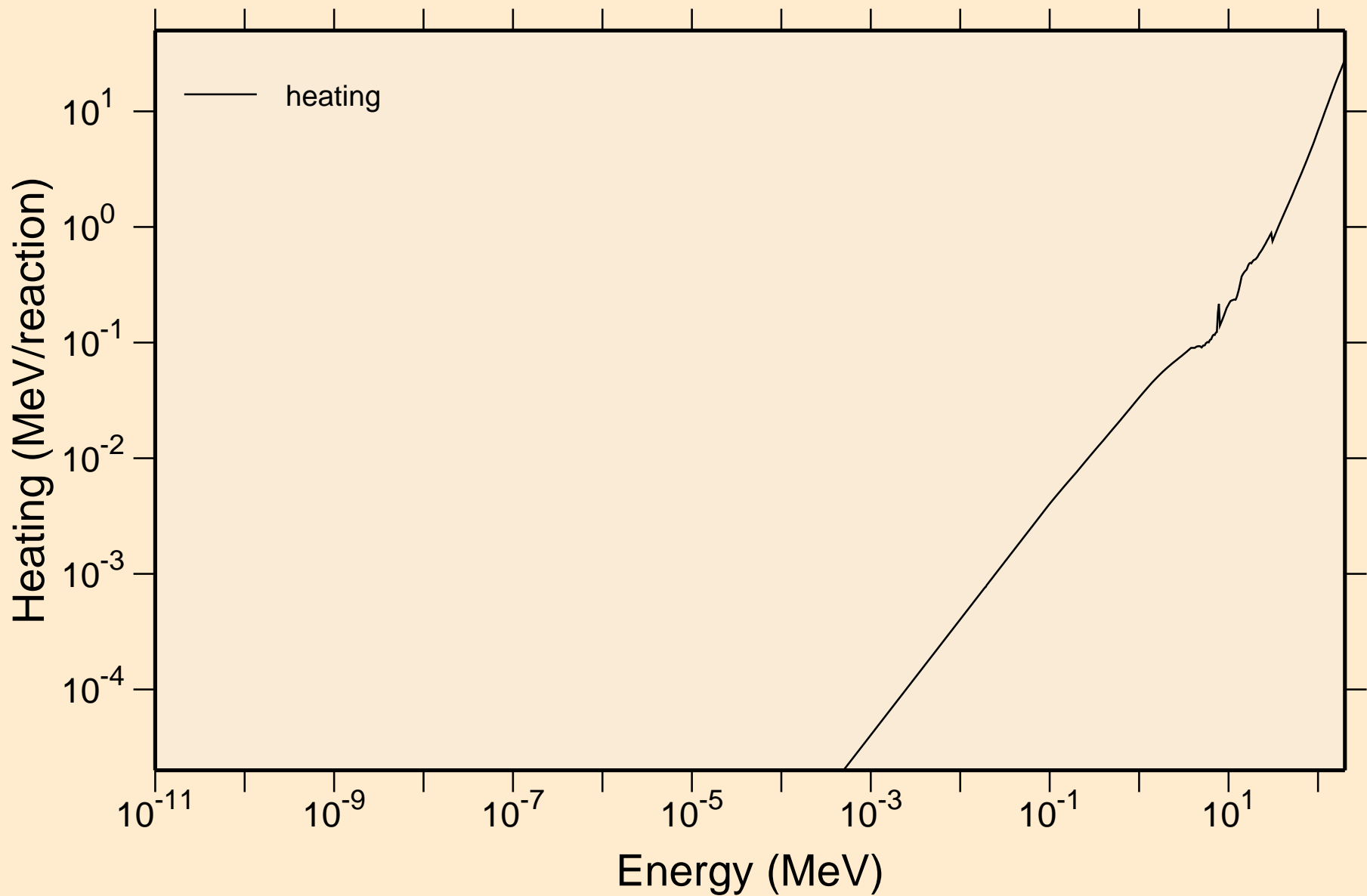
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
UR elastic cross section



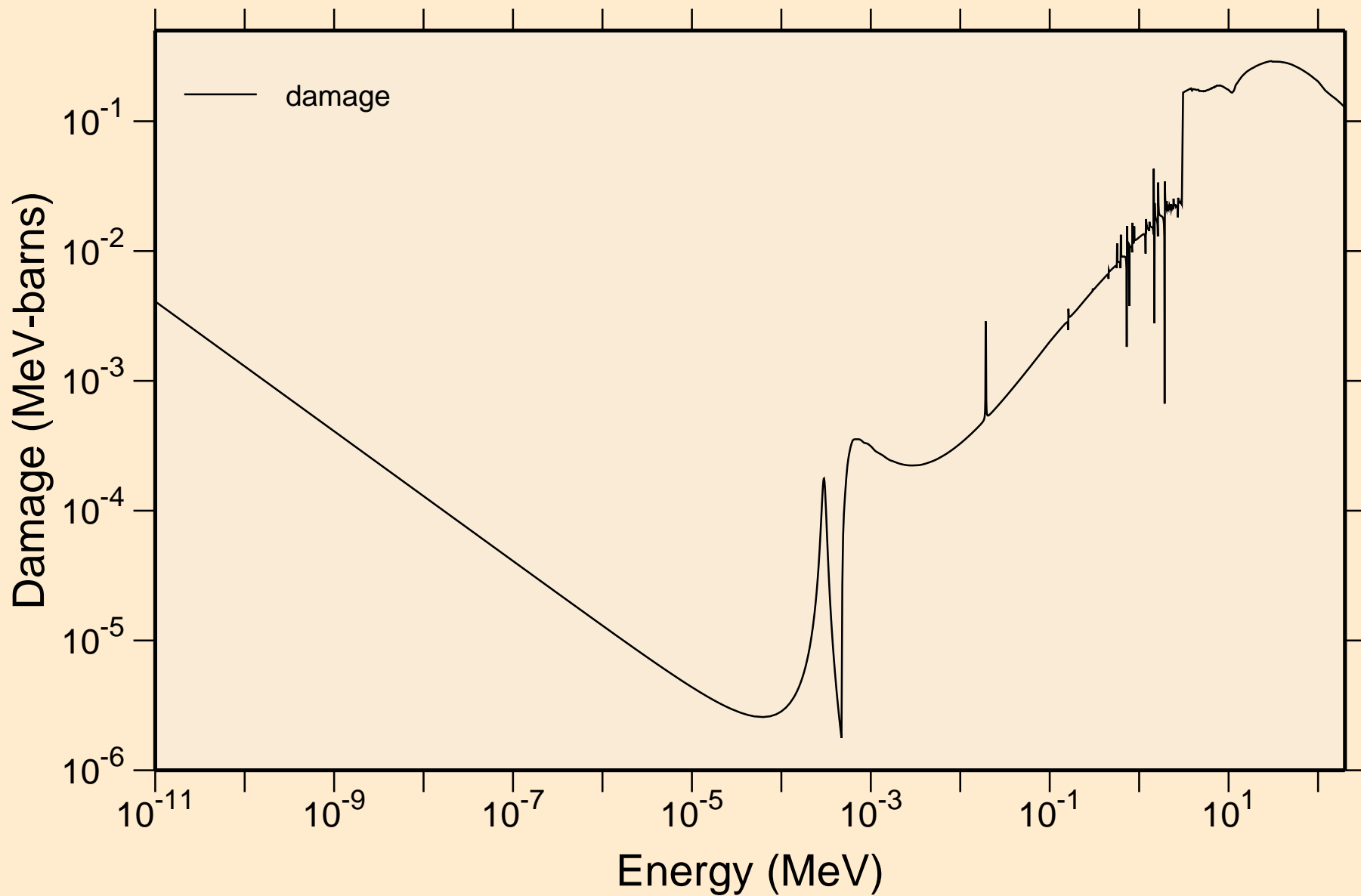
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
UR capture cross section



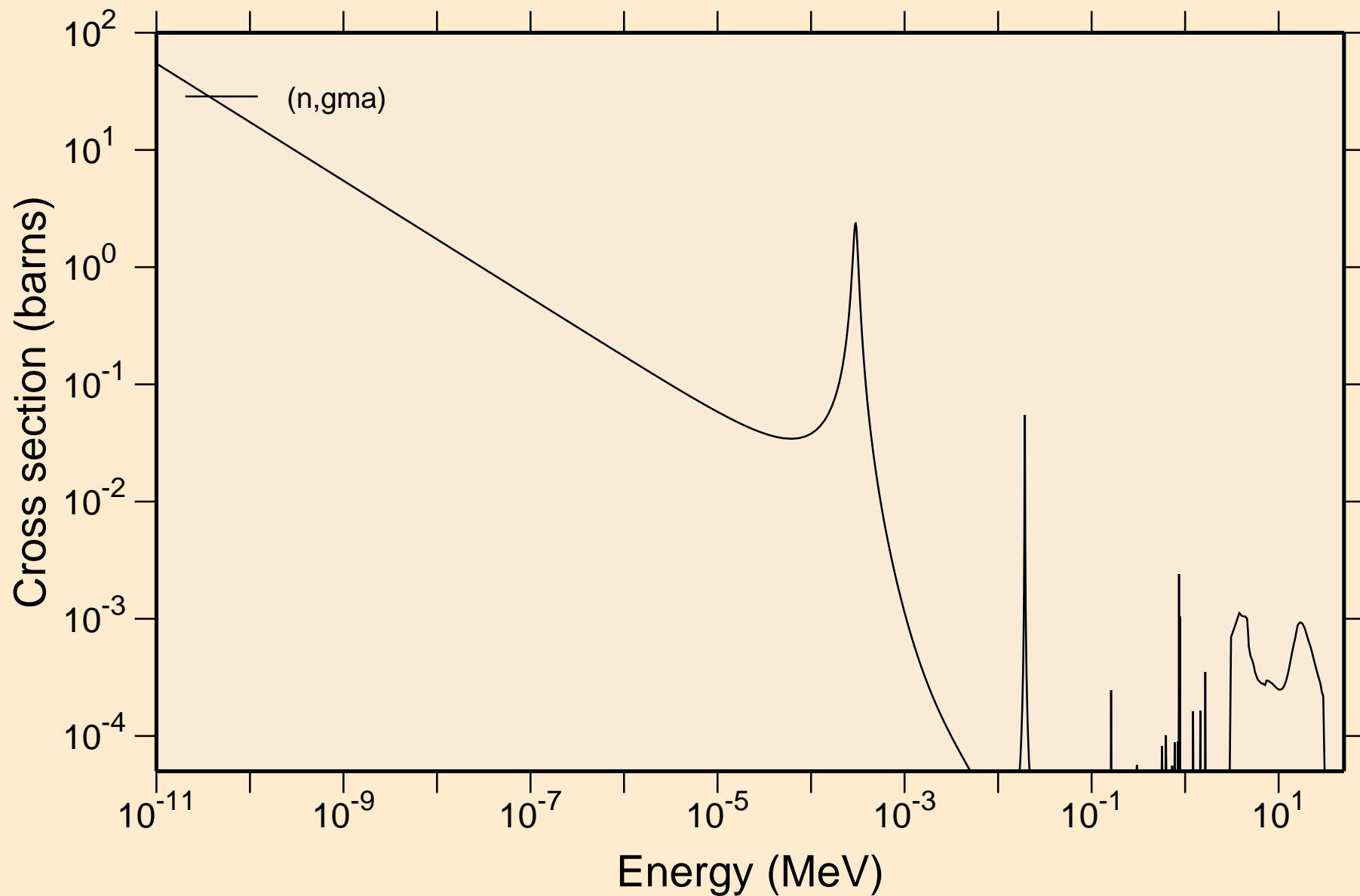
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Heating



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Damage

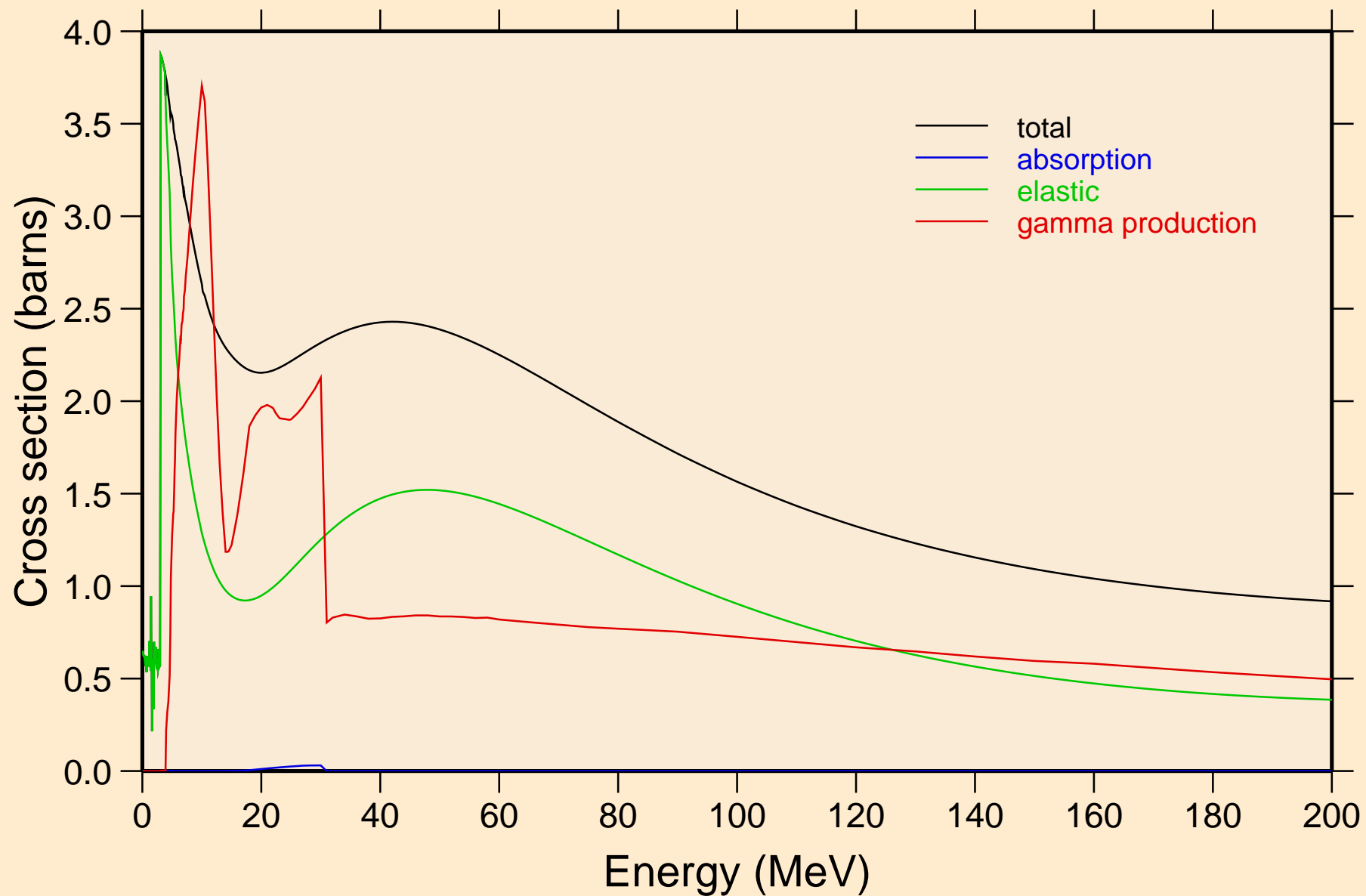


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Non-threshold reactions

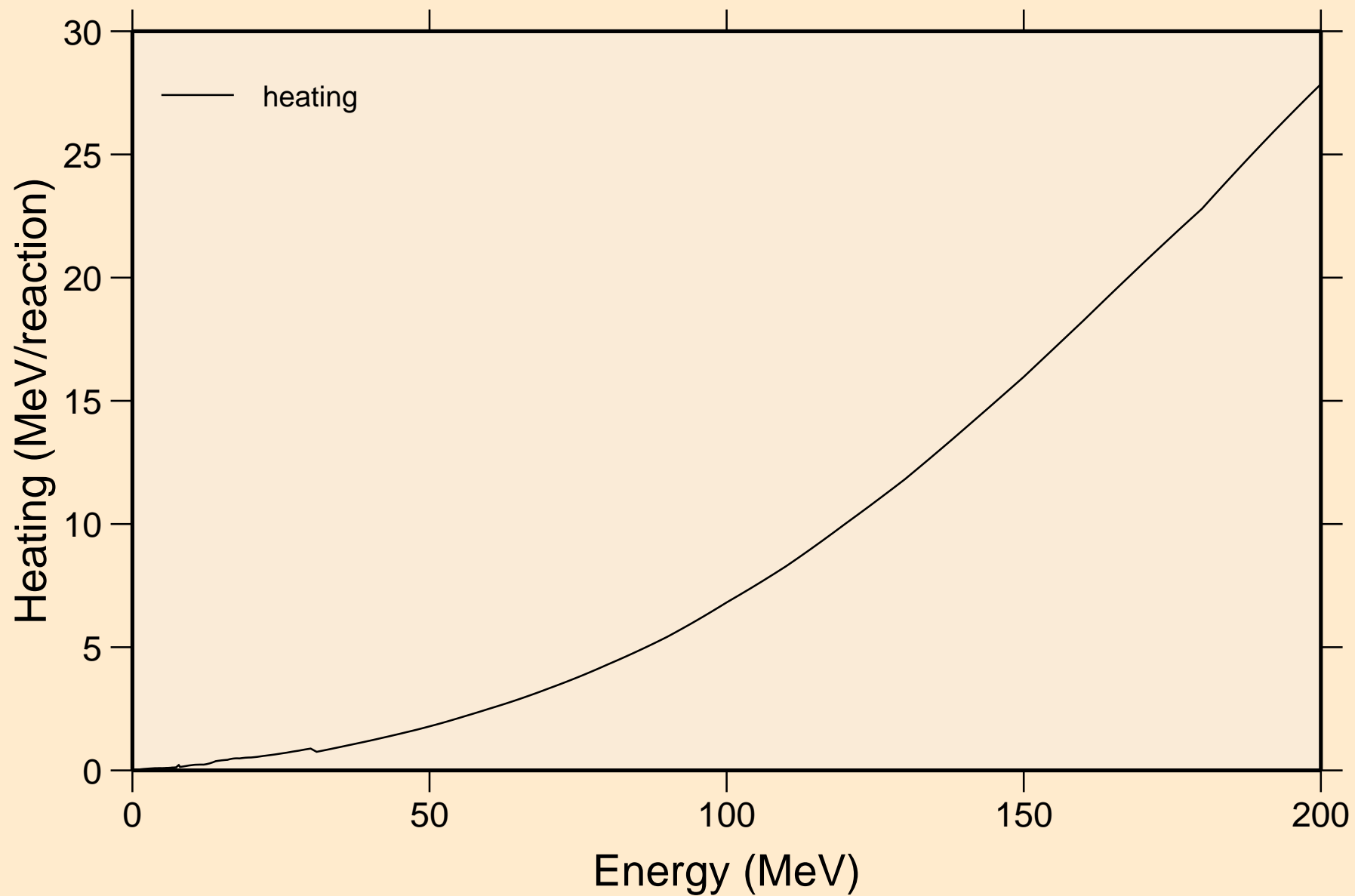


# MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC

## Principal cross sections

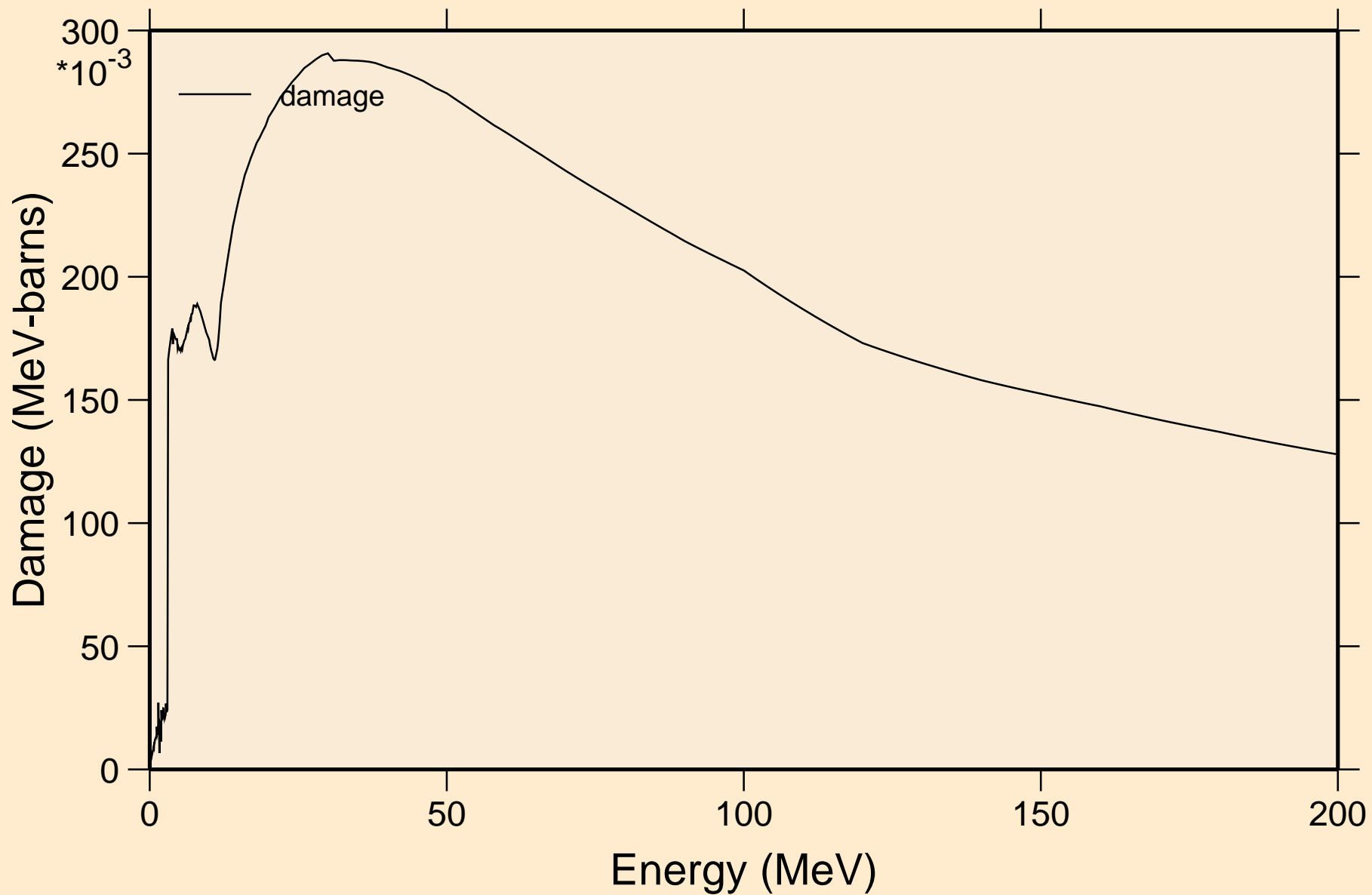


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Heating

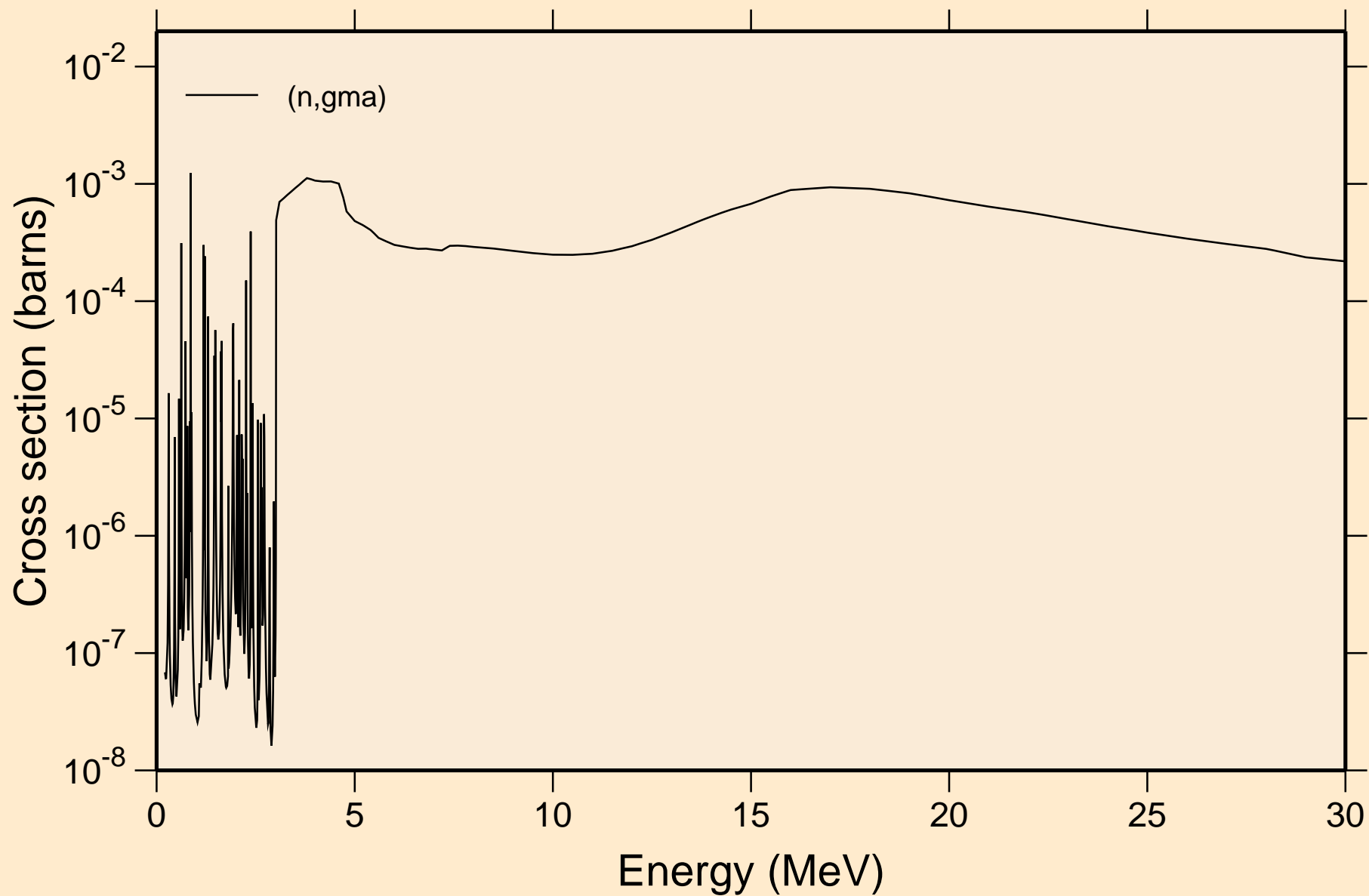




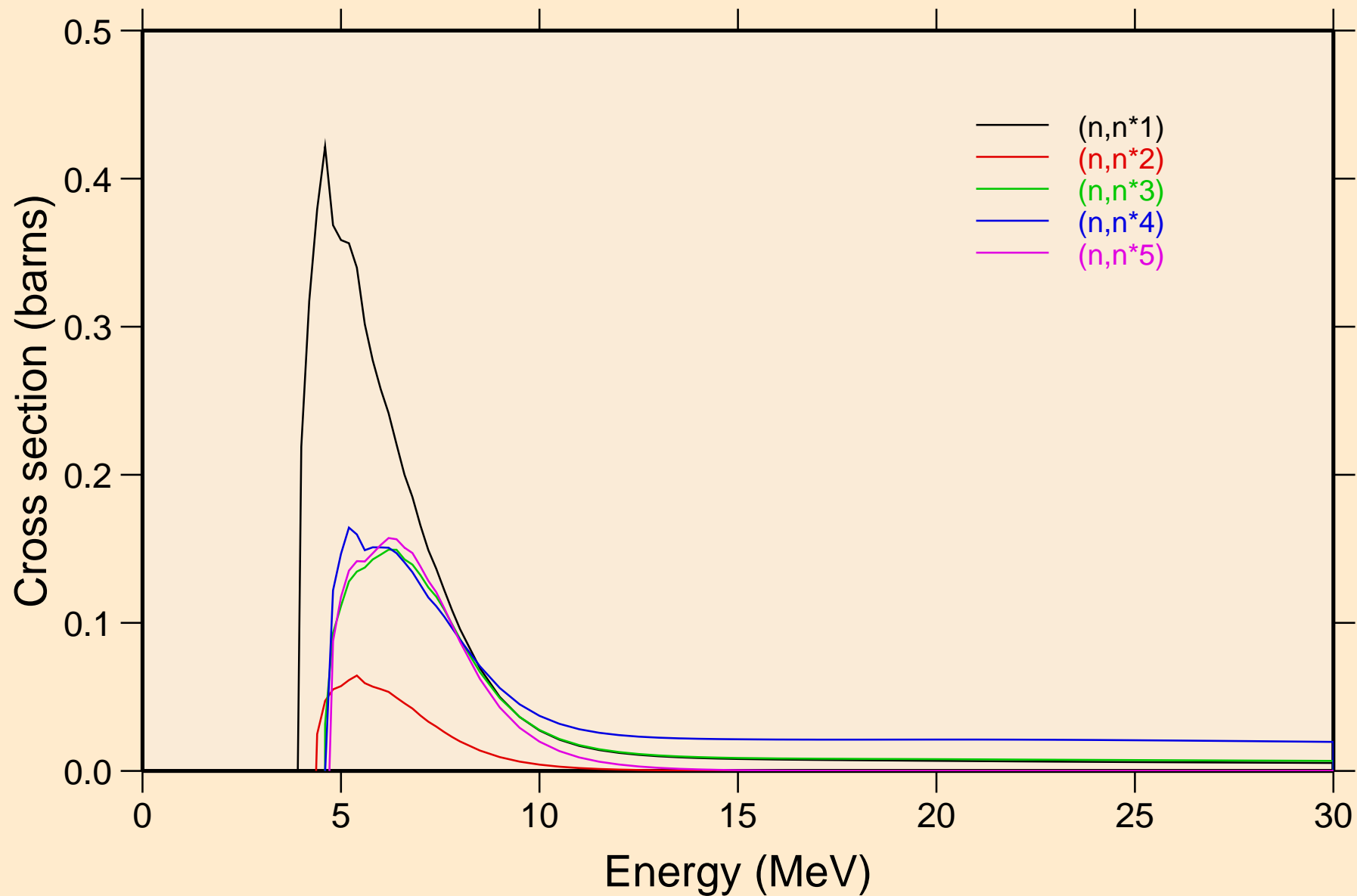
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Damage



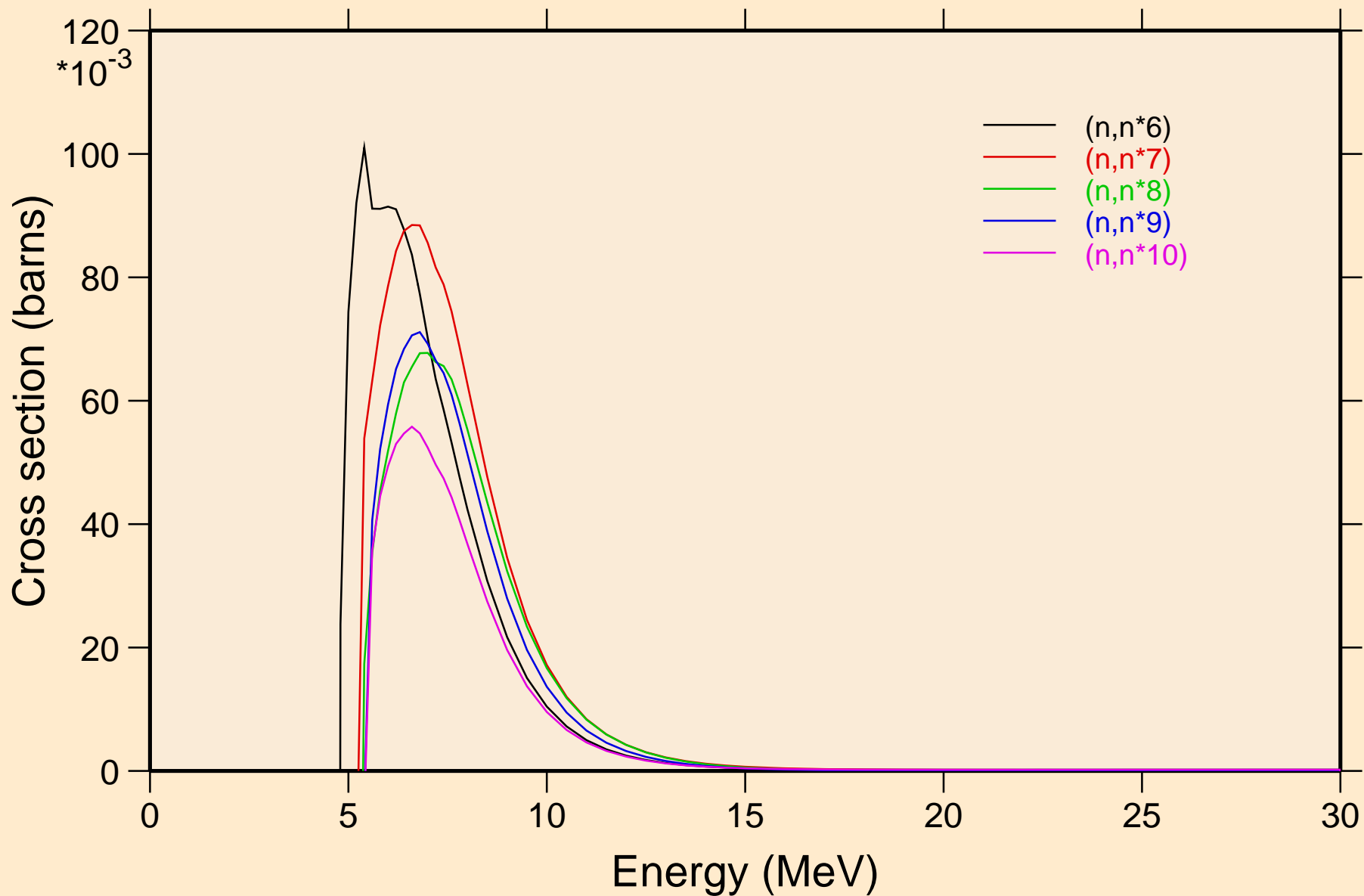
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Non-threshold reactions



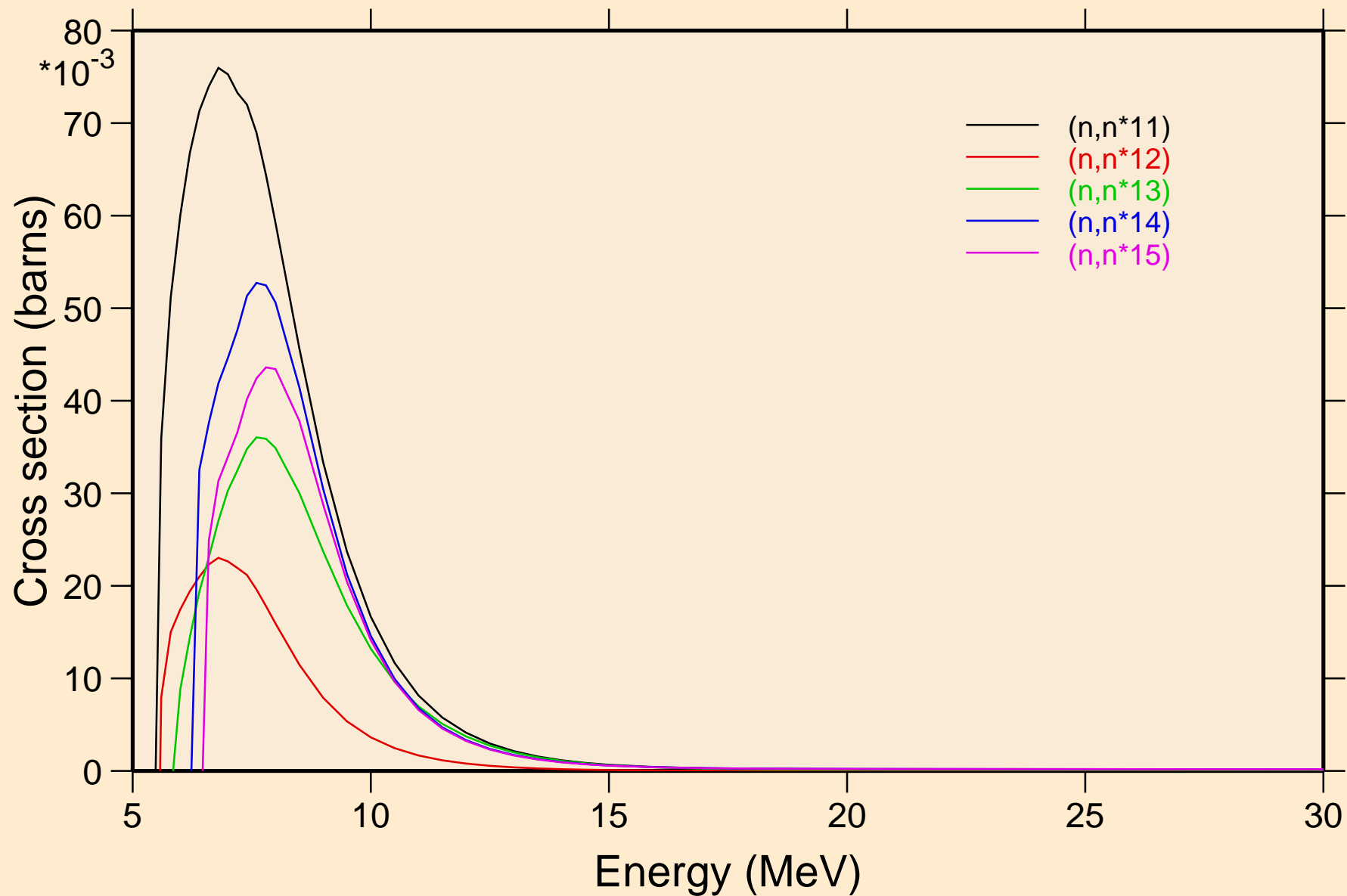
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels



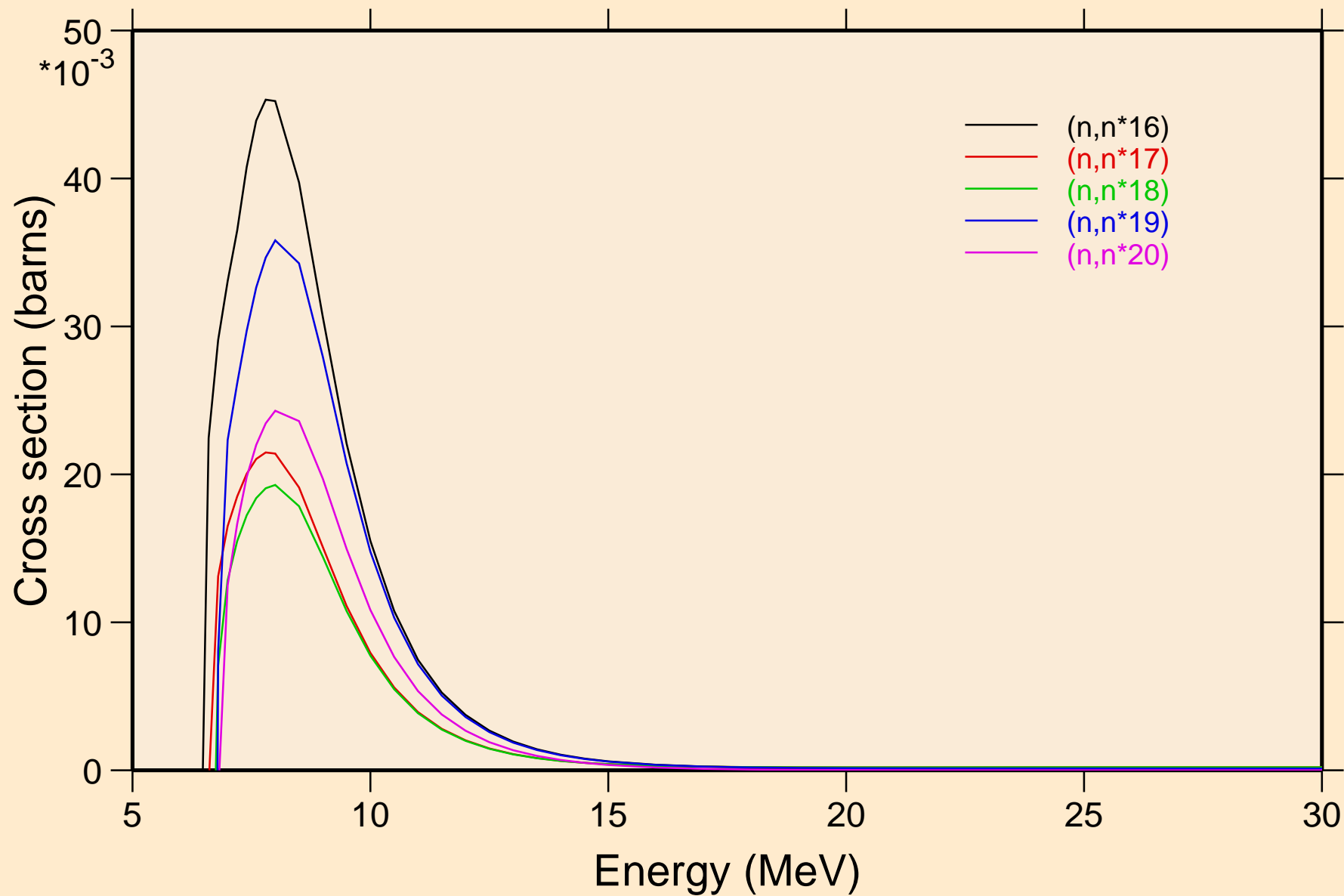
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels



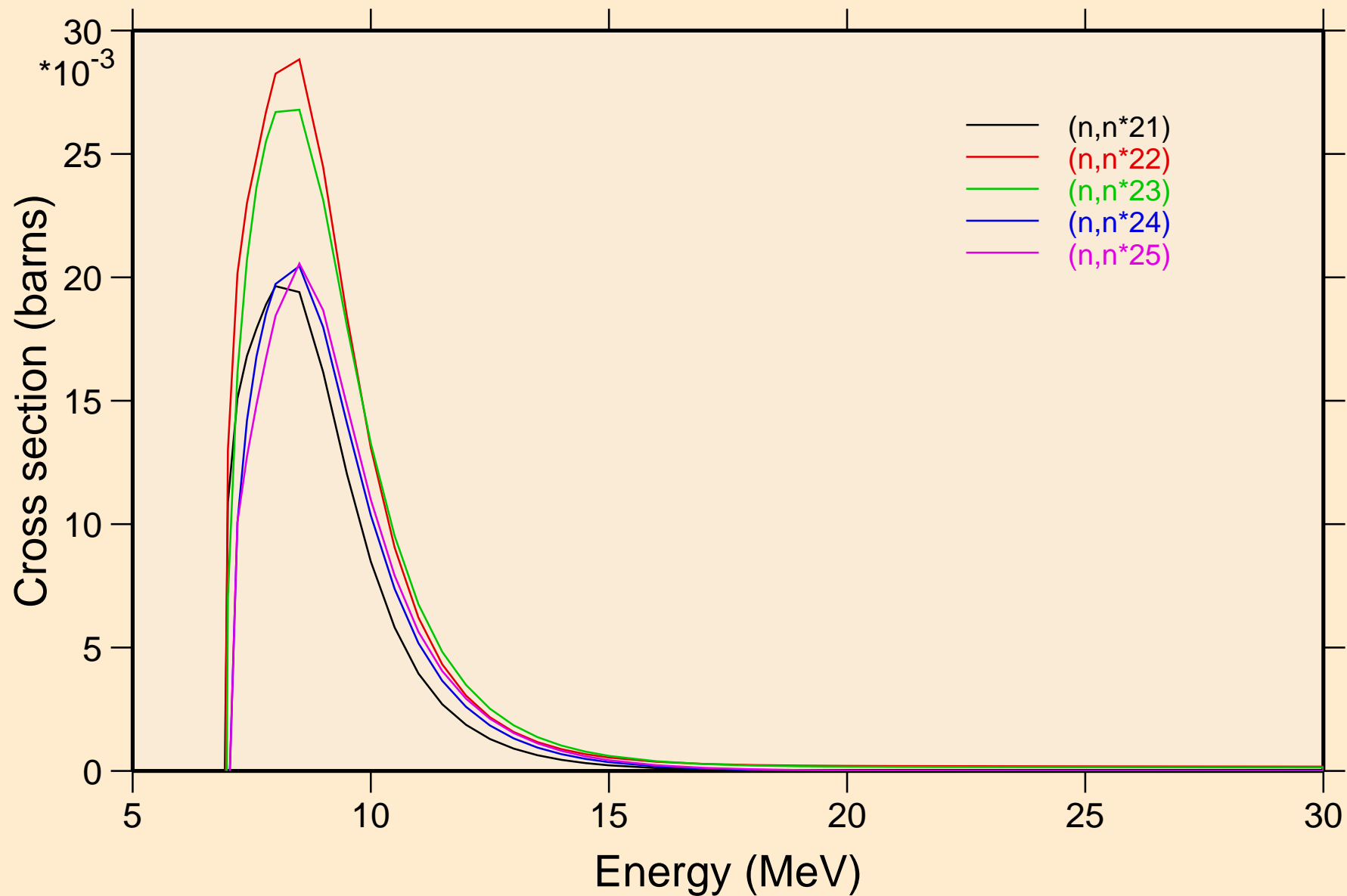
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels



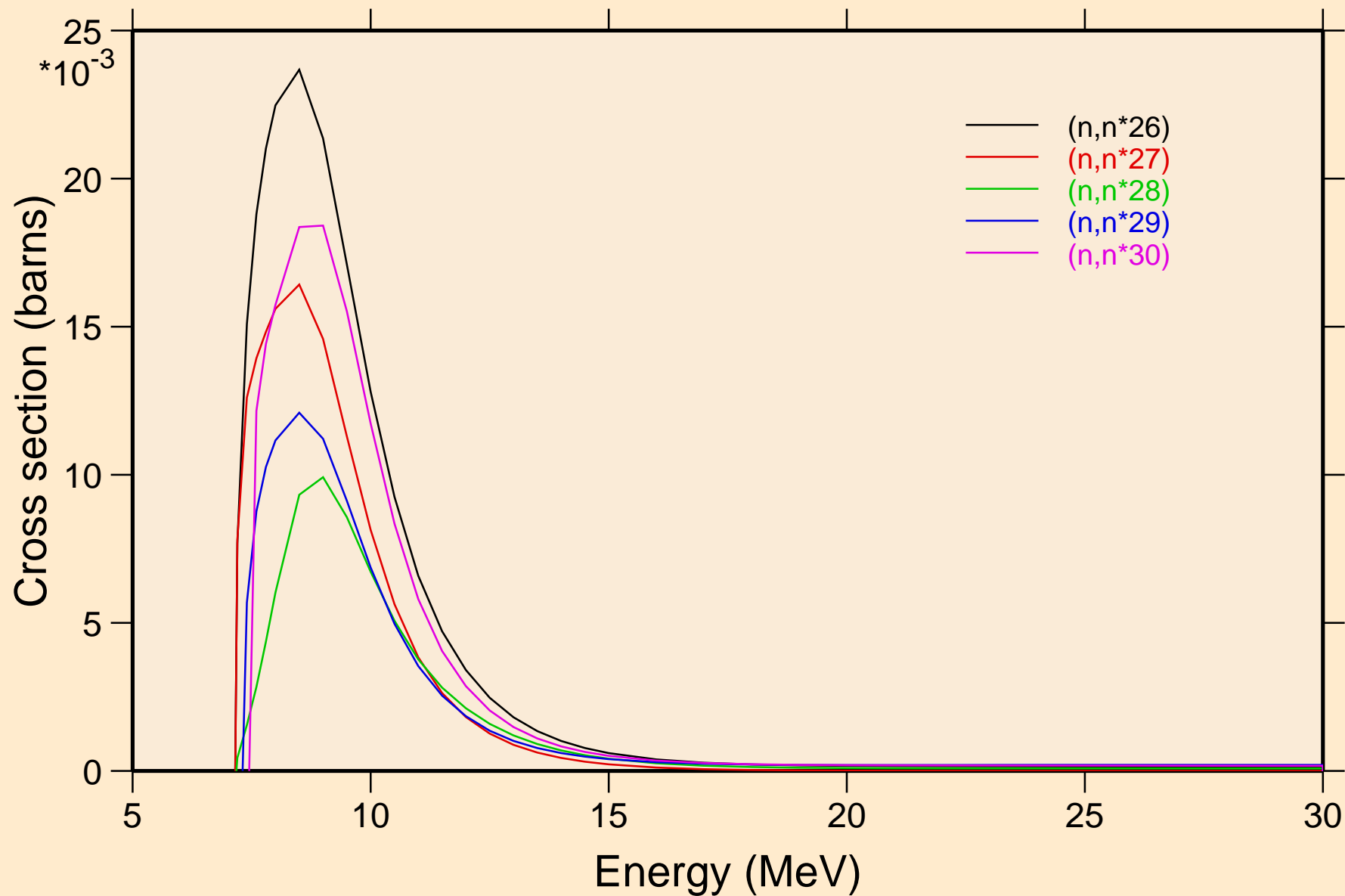
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels

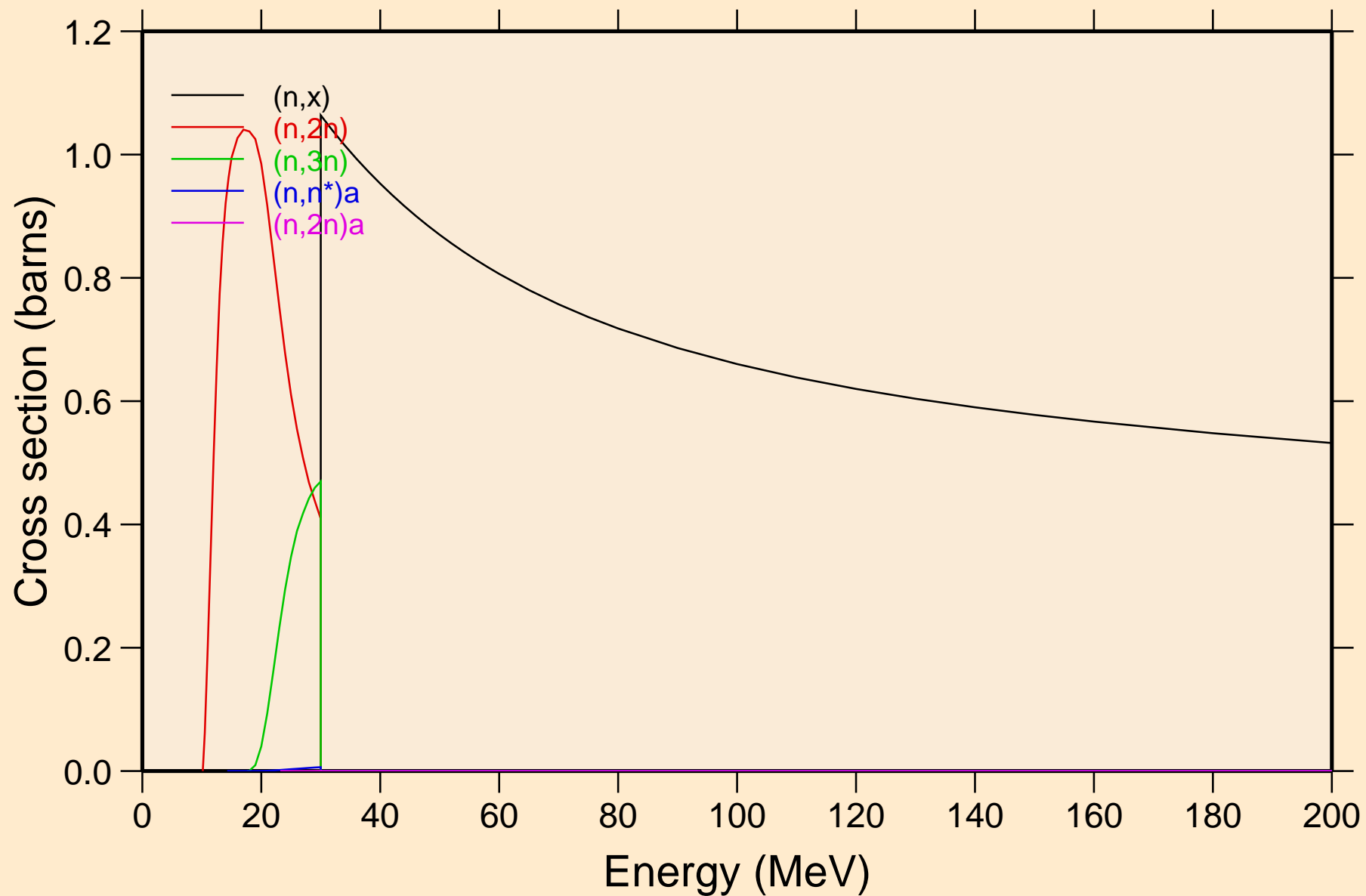


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels

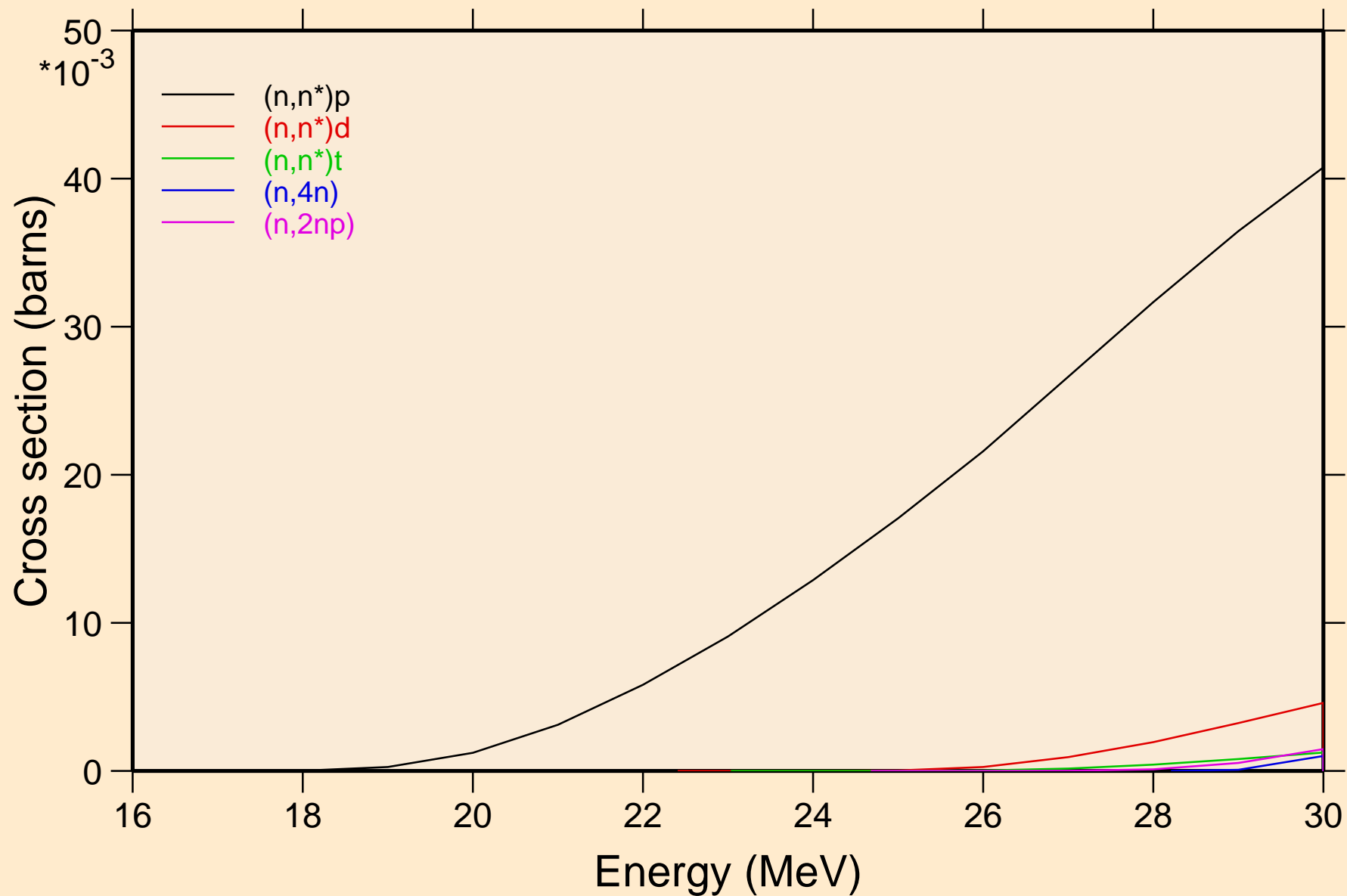




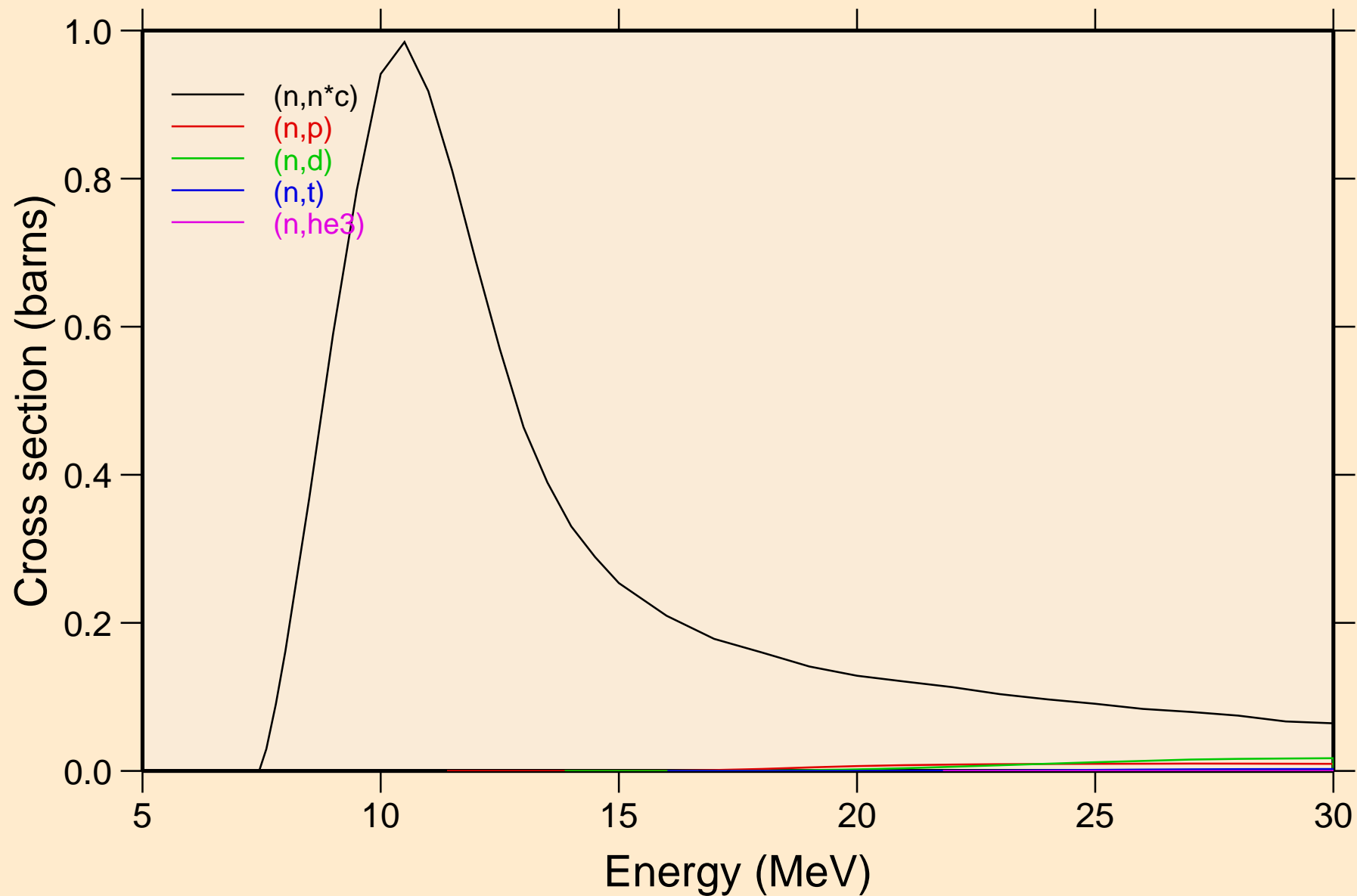
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



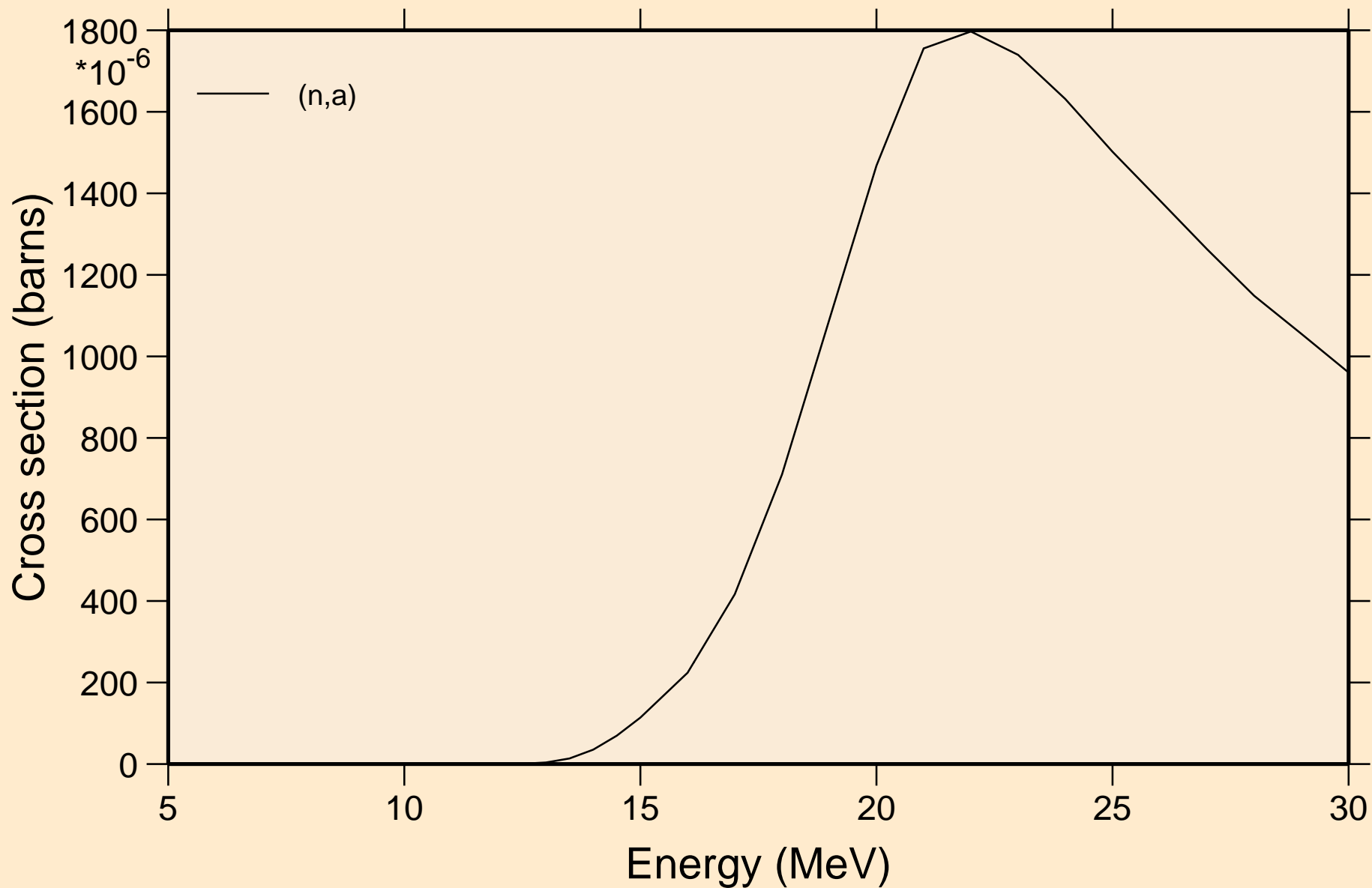
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



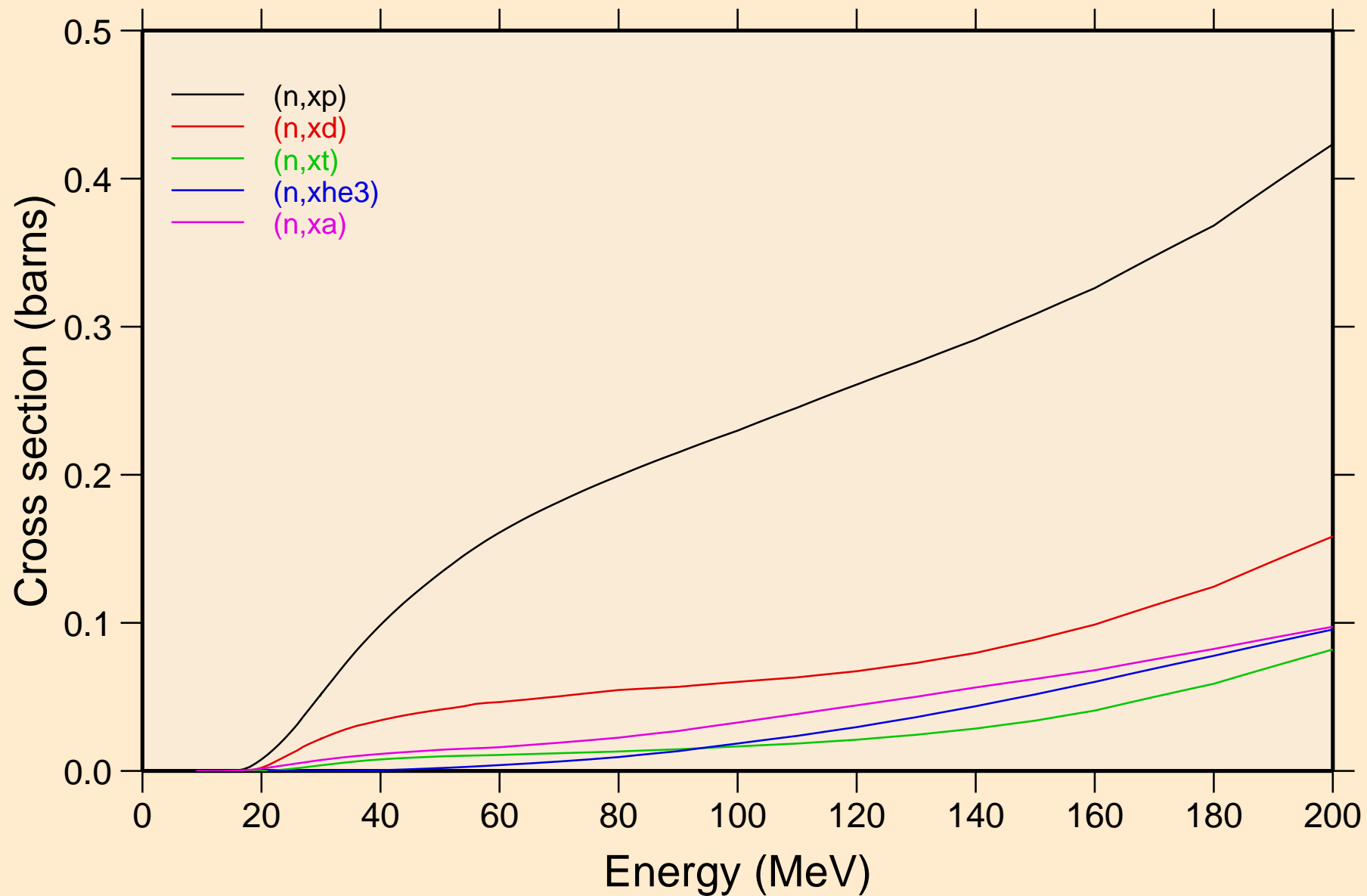
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



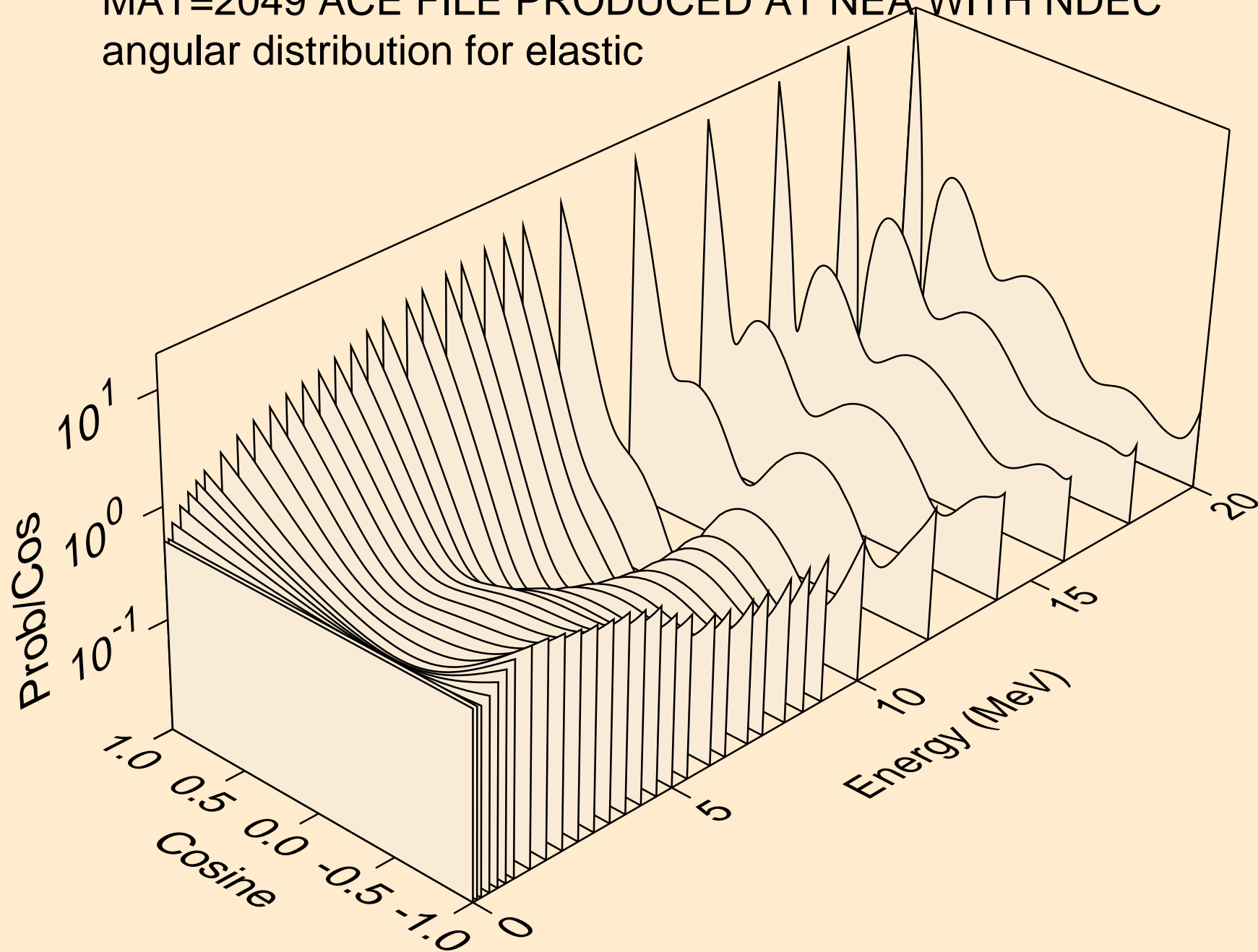
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



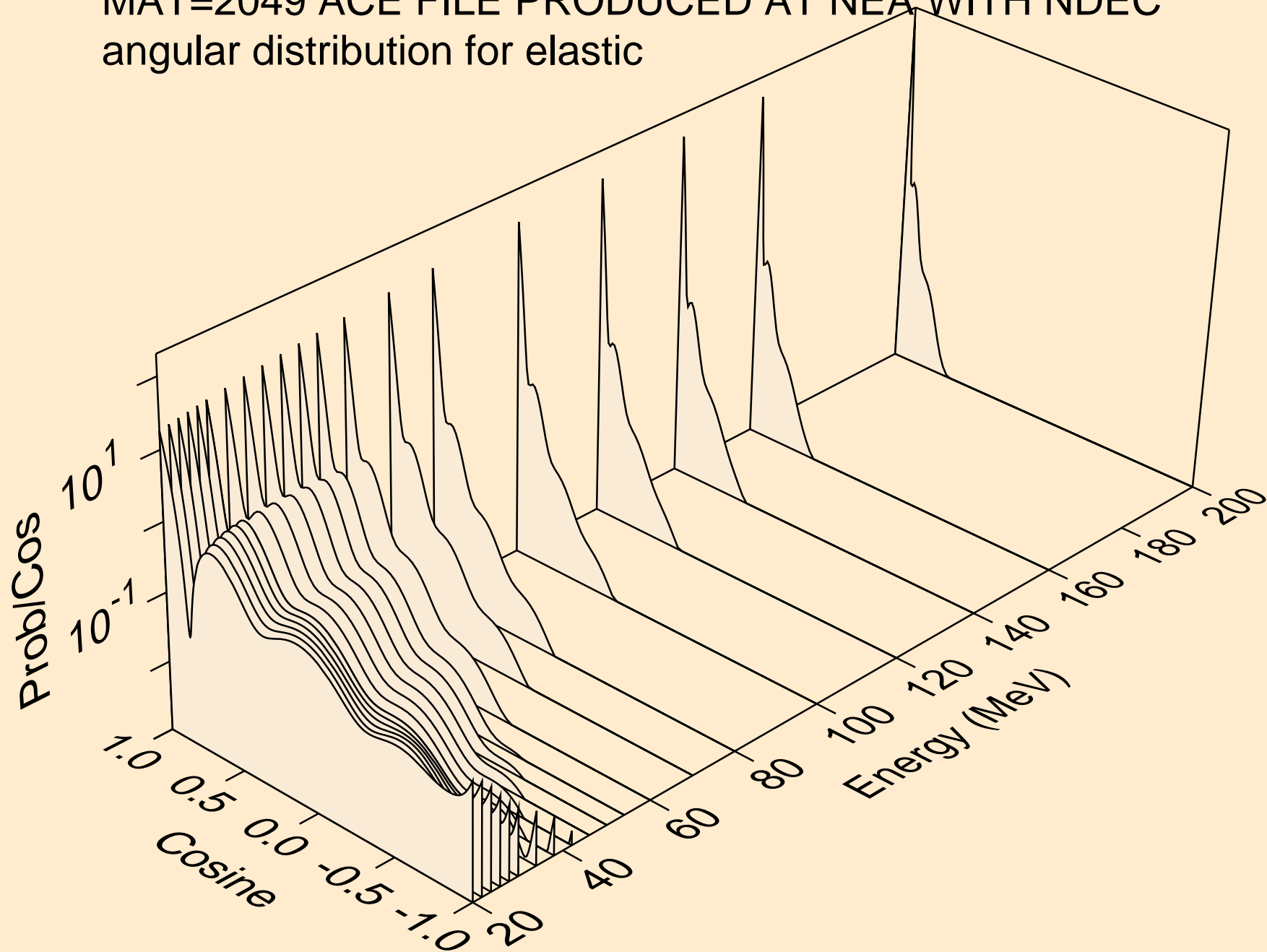
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



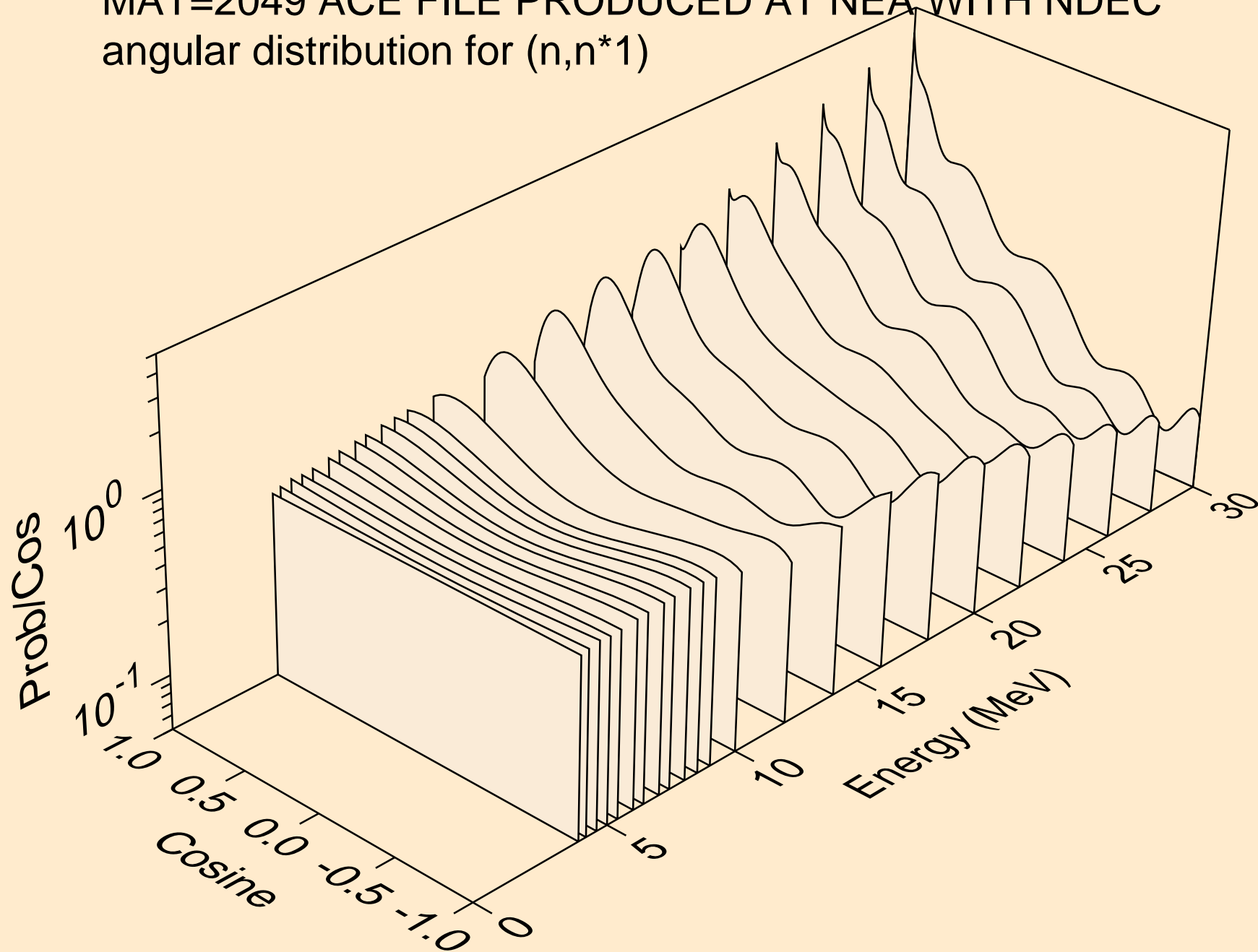
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for elastic



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for elastic

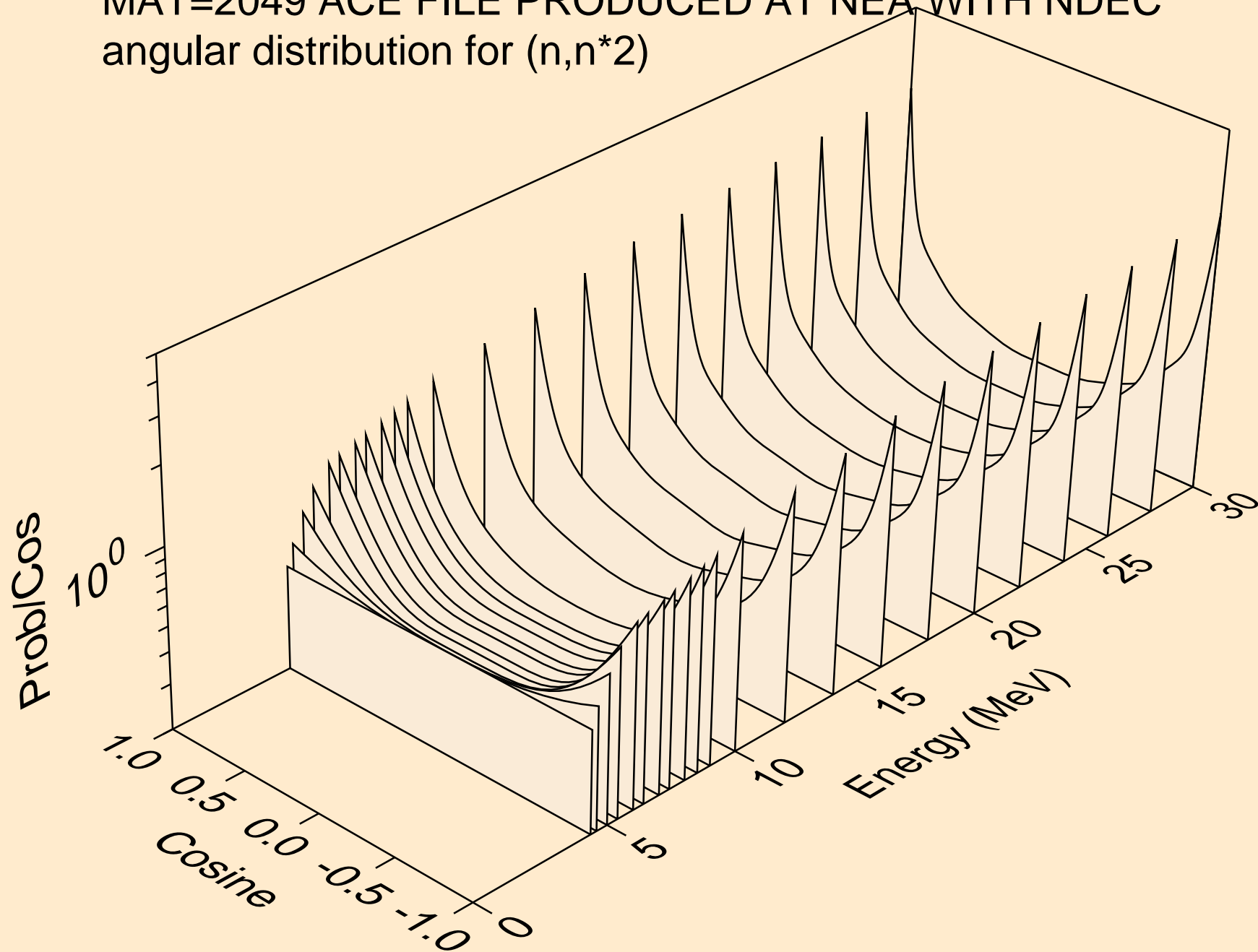


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*1)

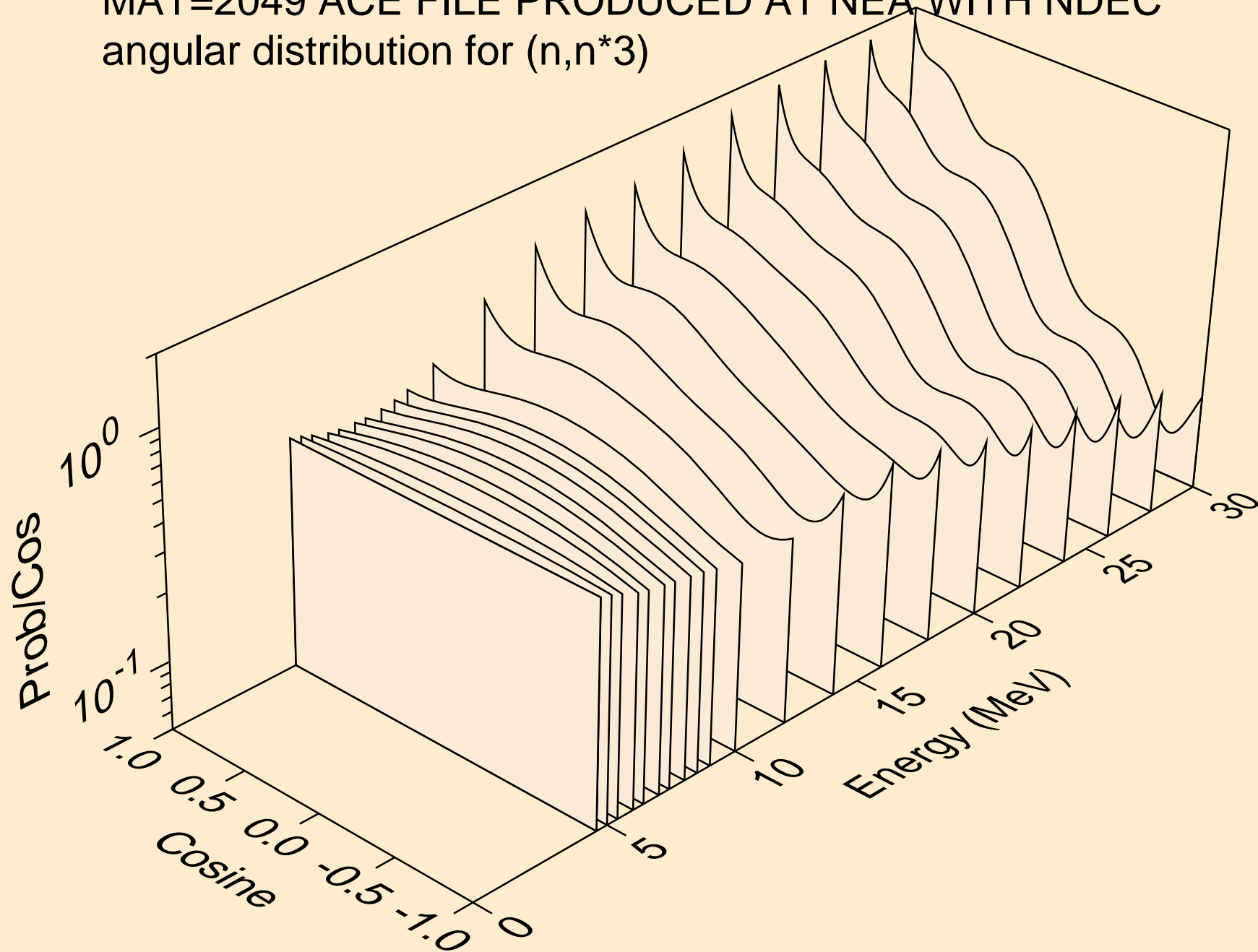




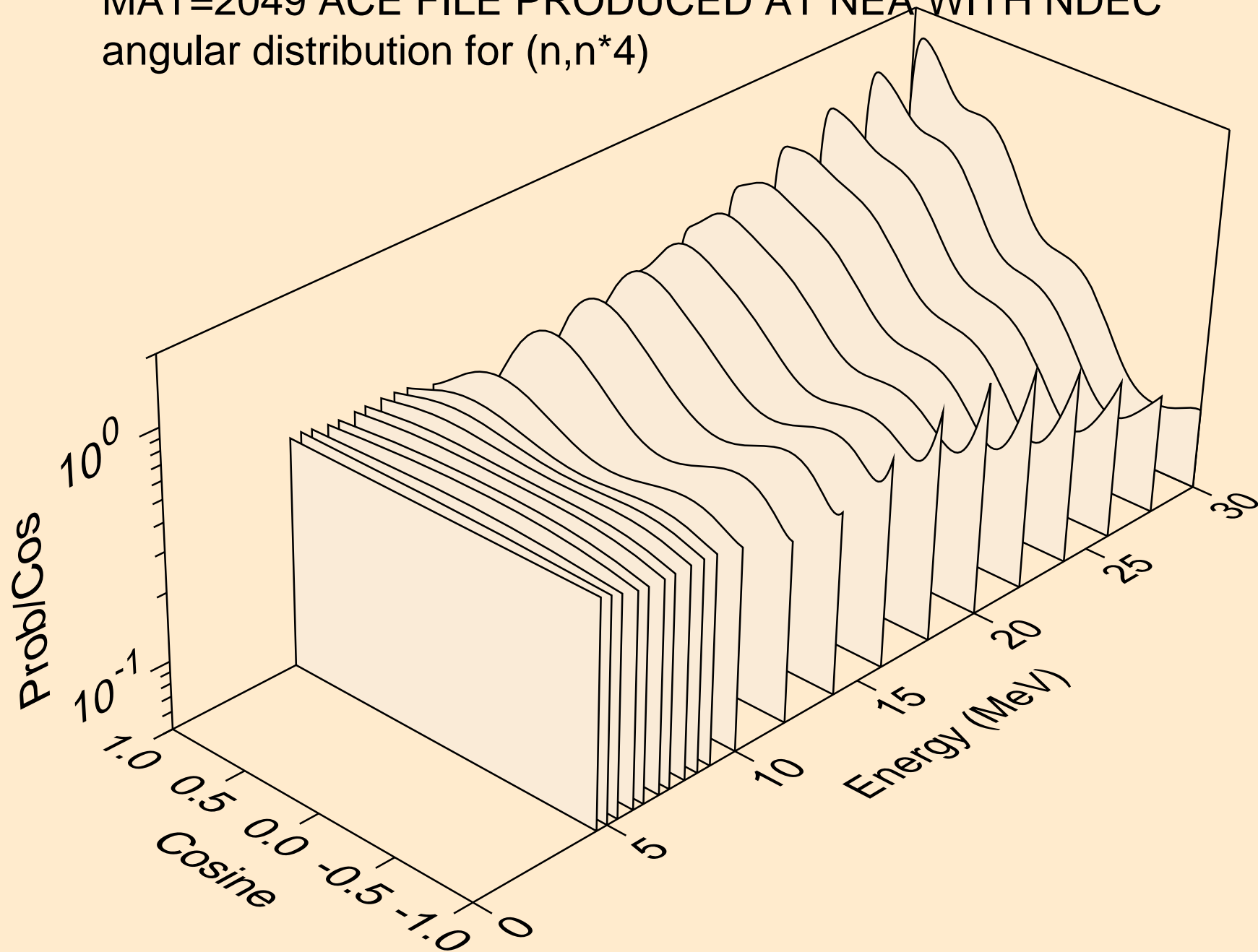
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*2)



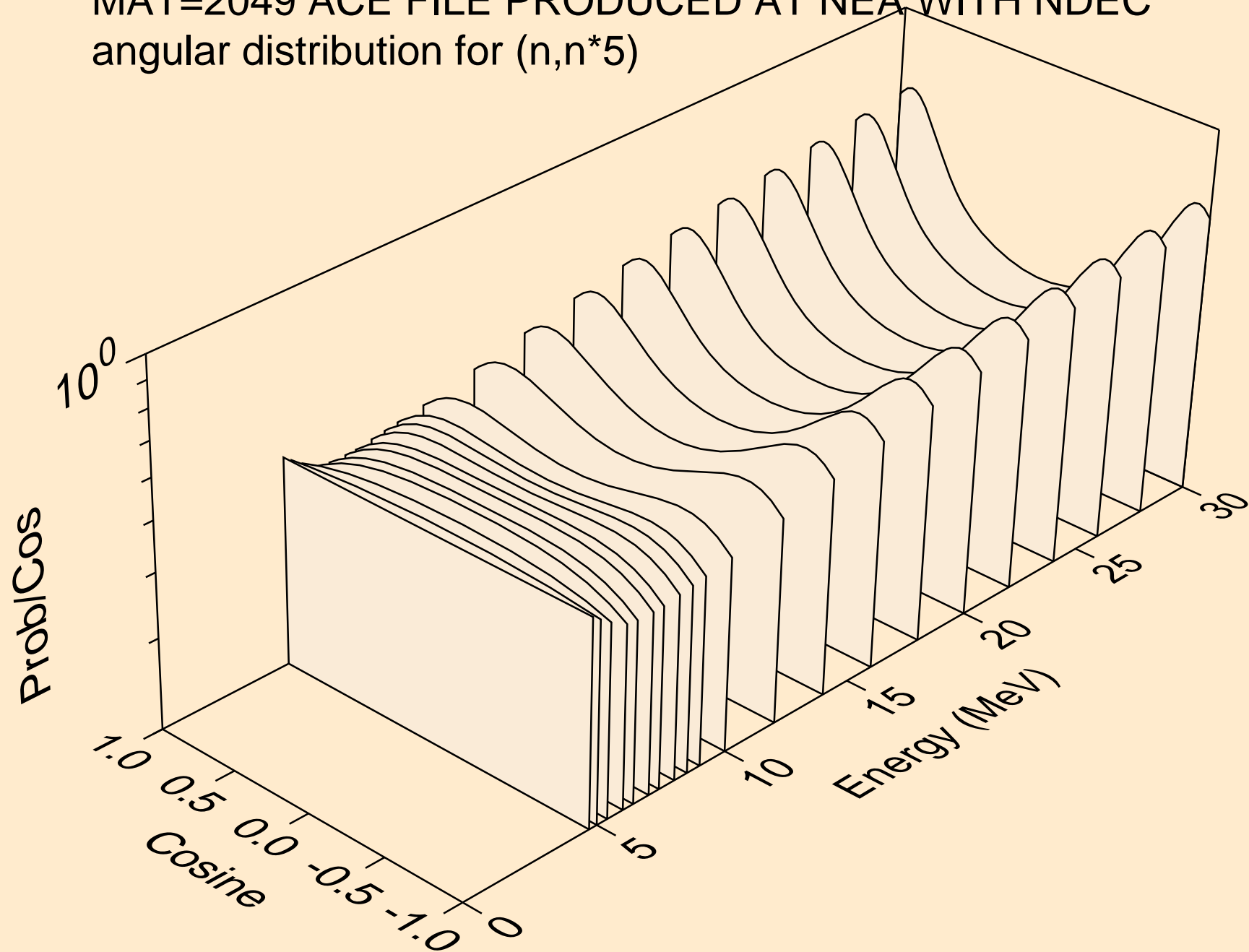
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*3)



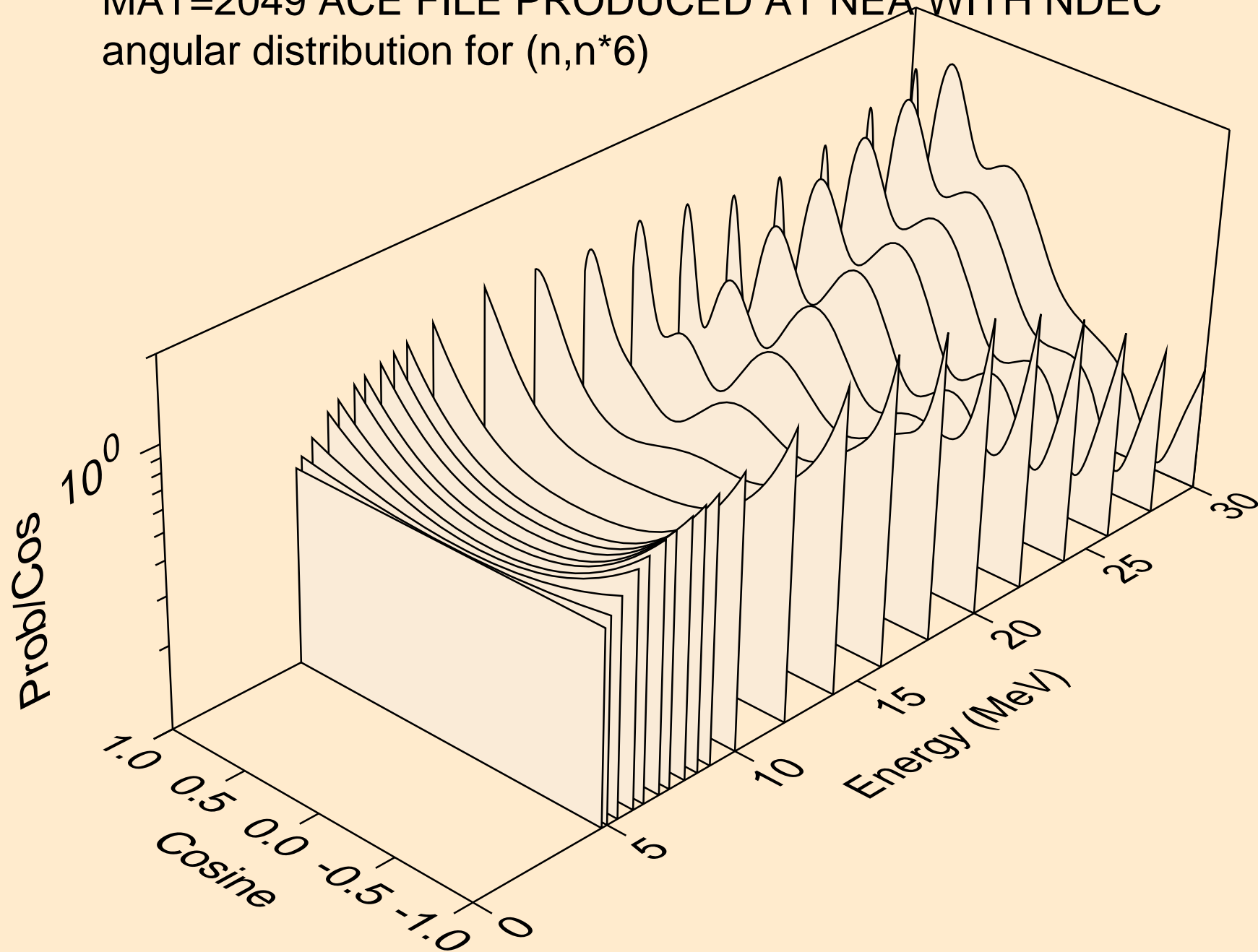
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*4)



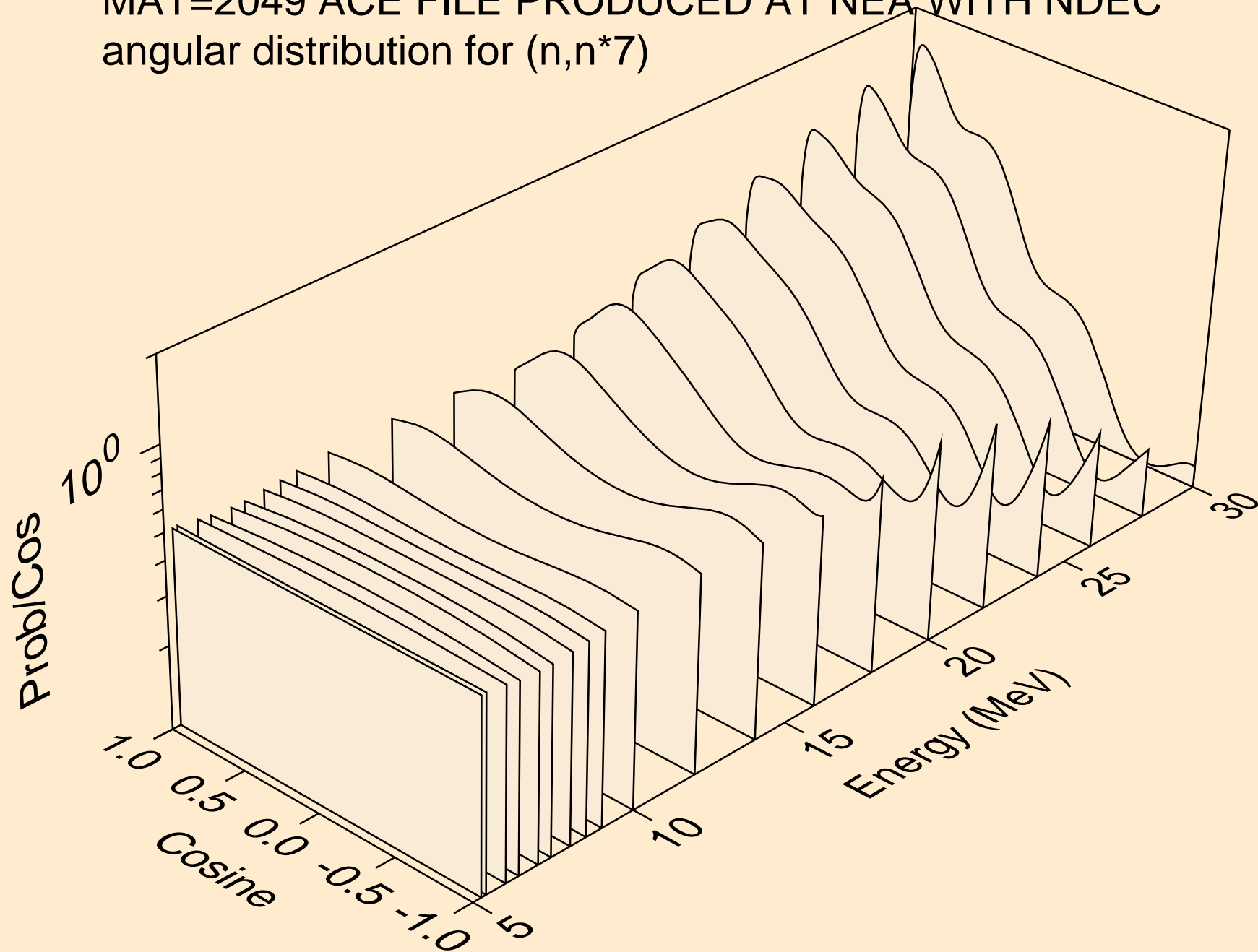
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*5)



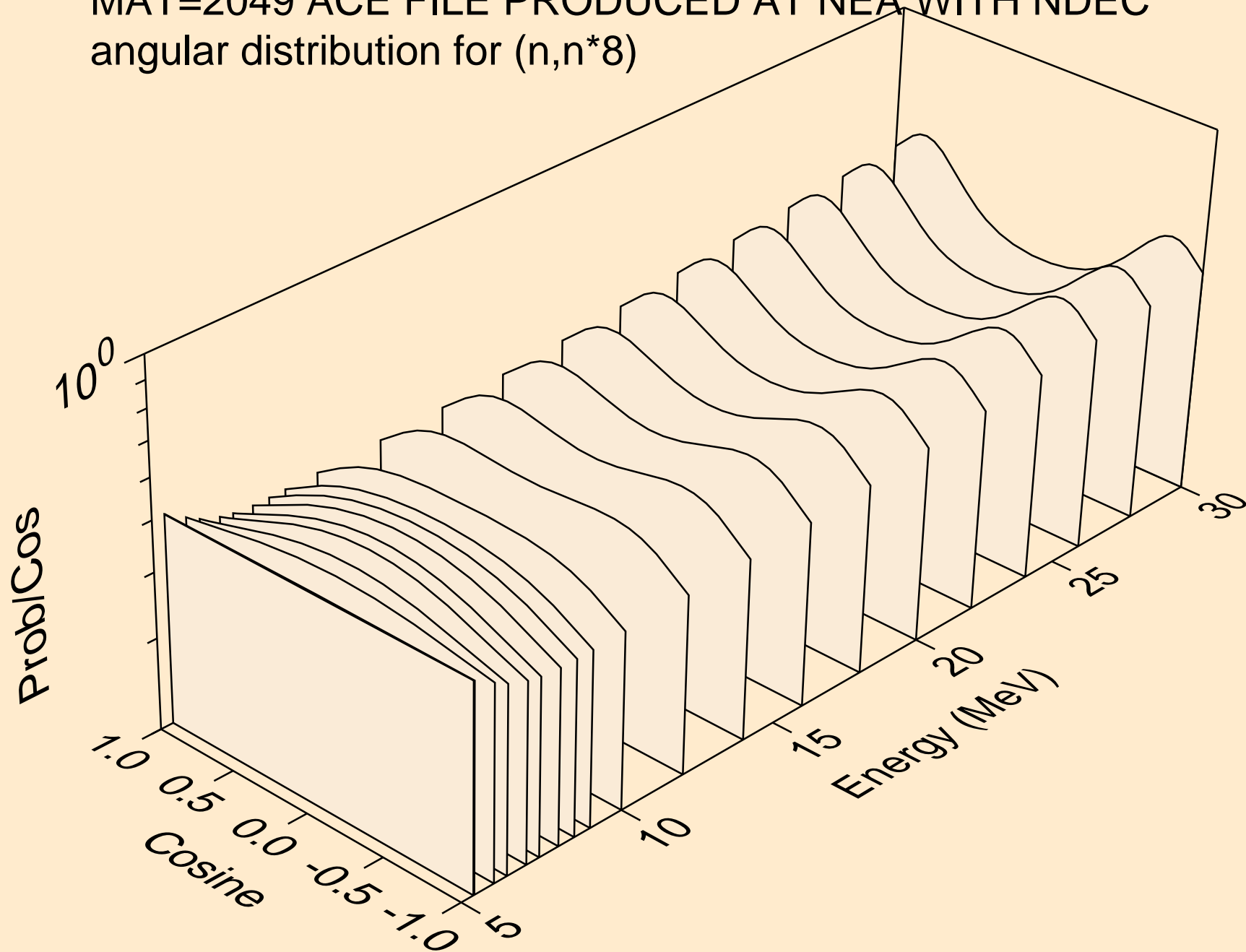
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*6)



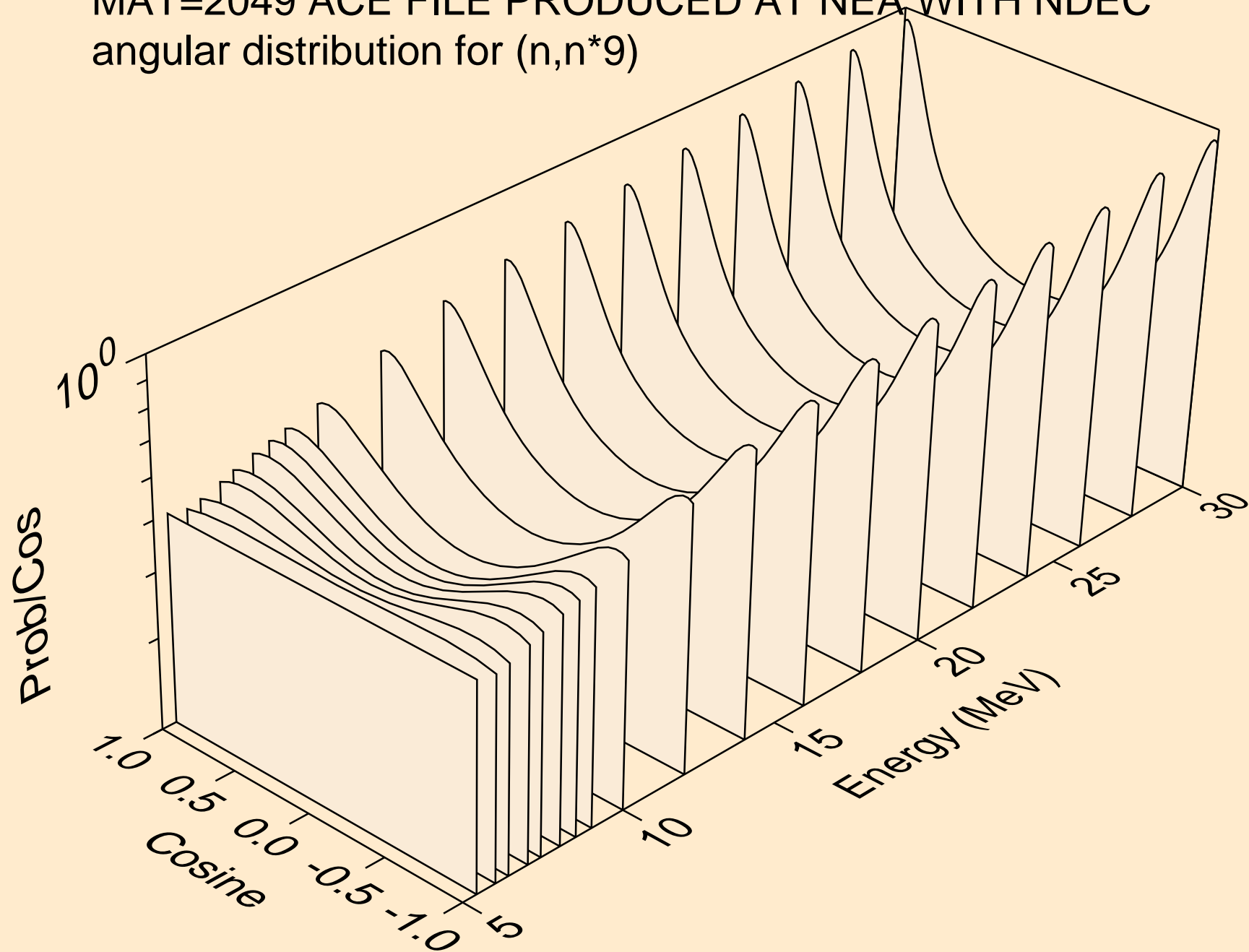
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*7)



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*8)

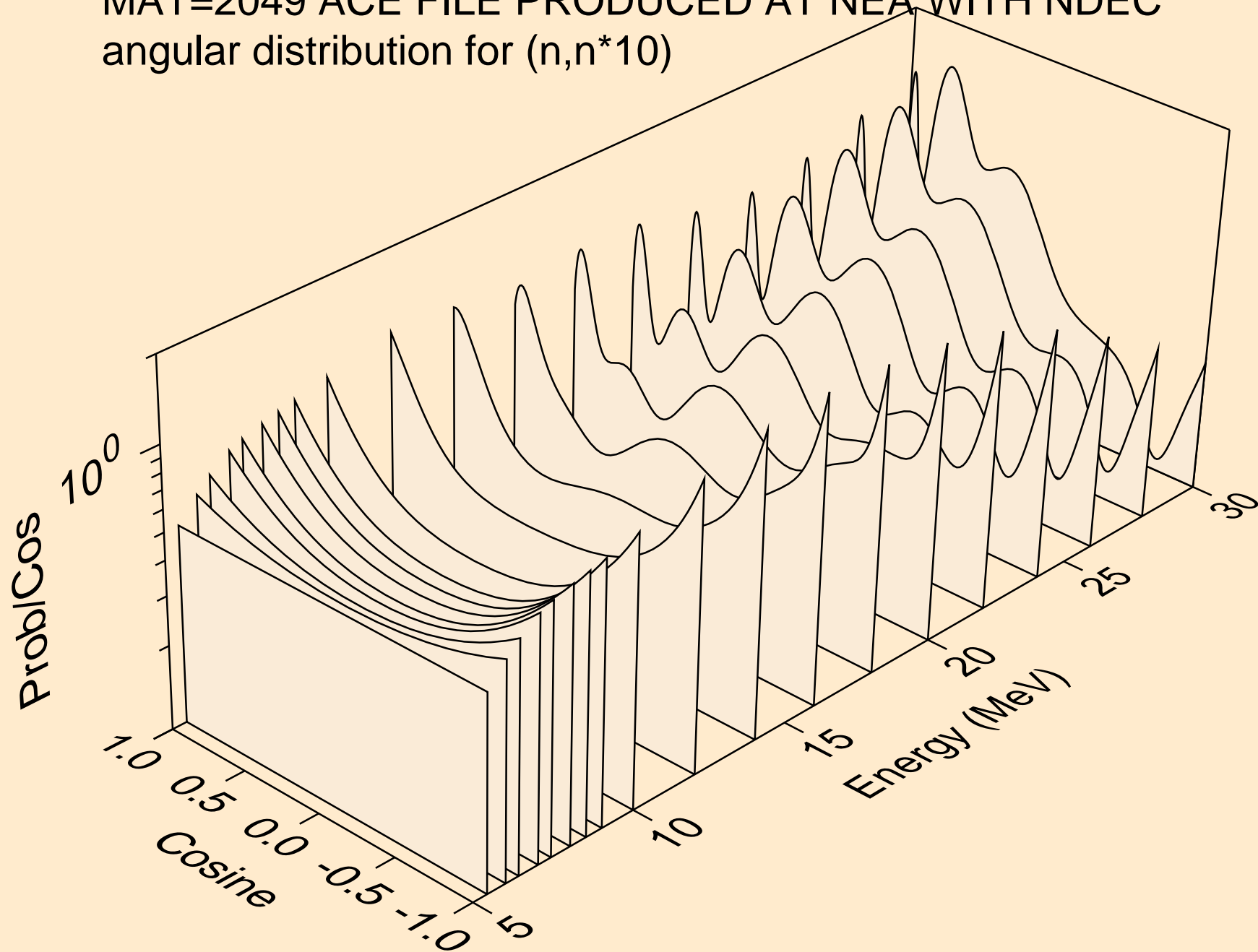


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*9)

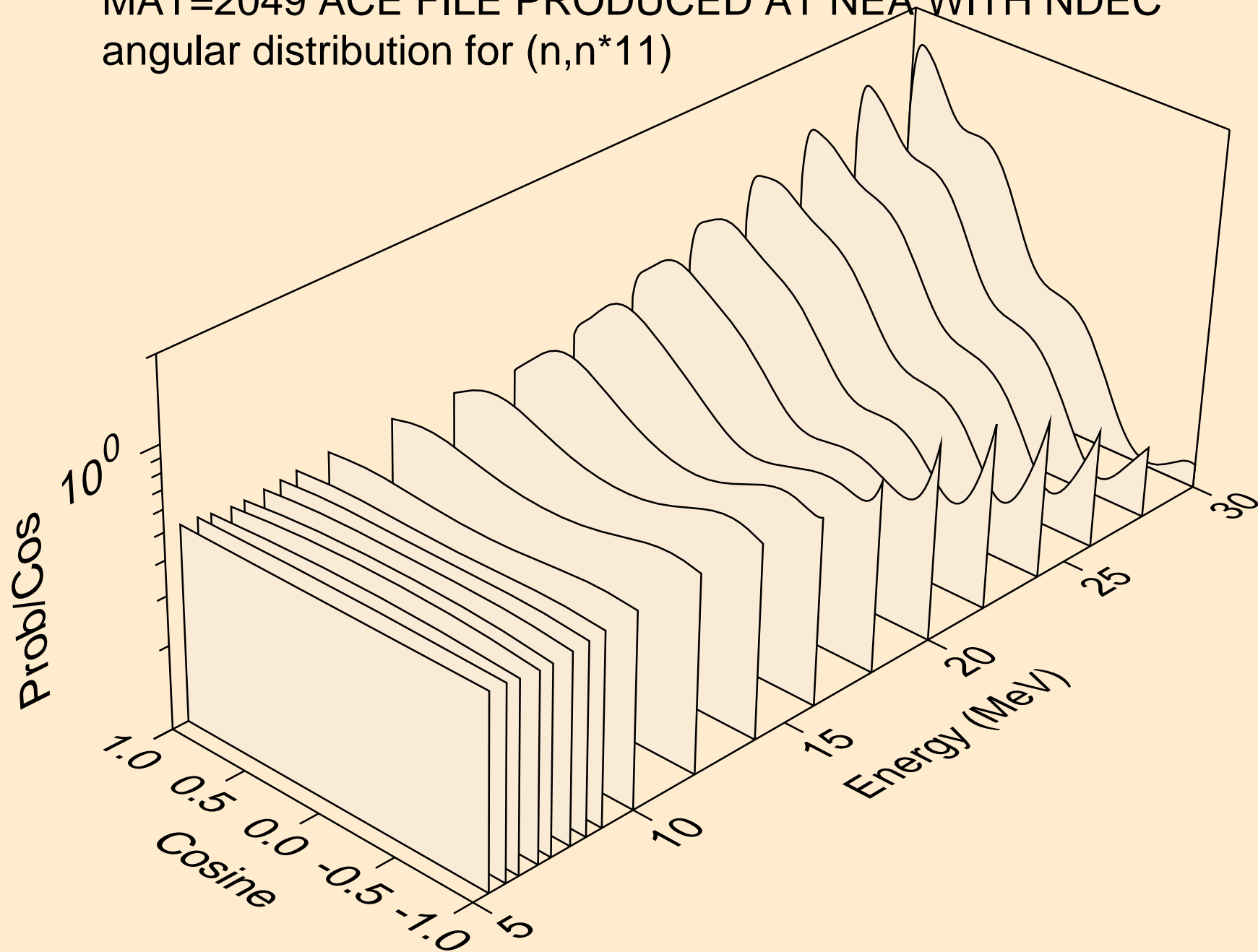




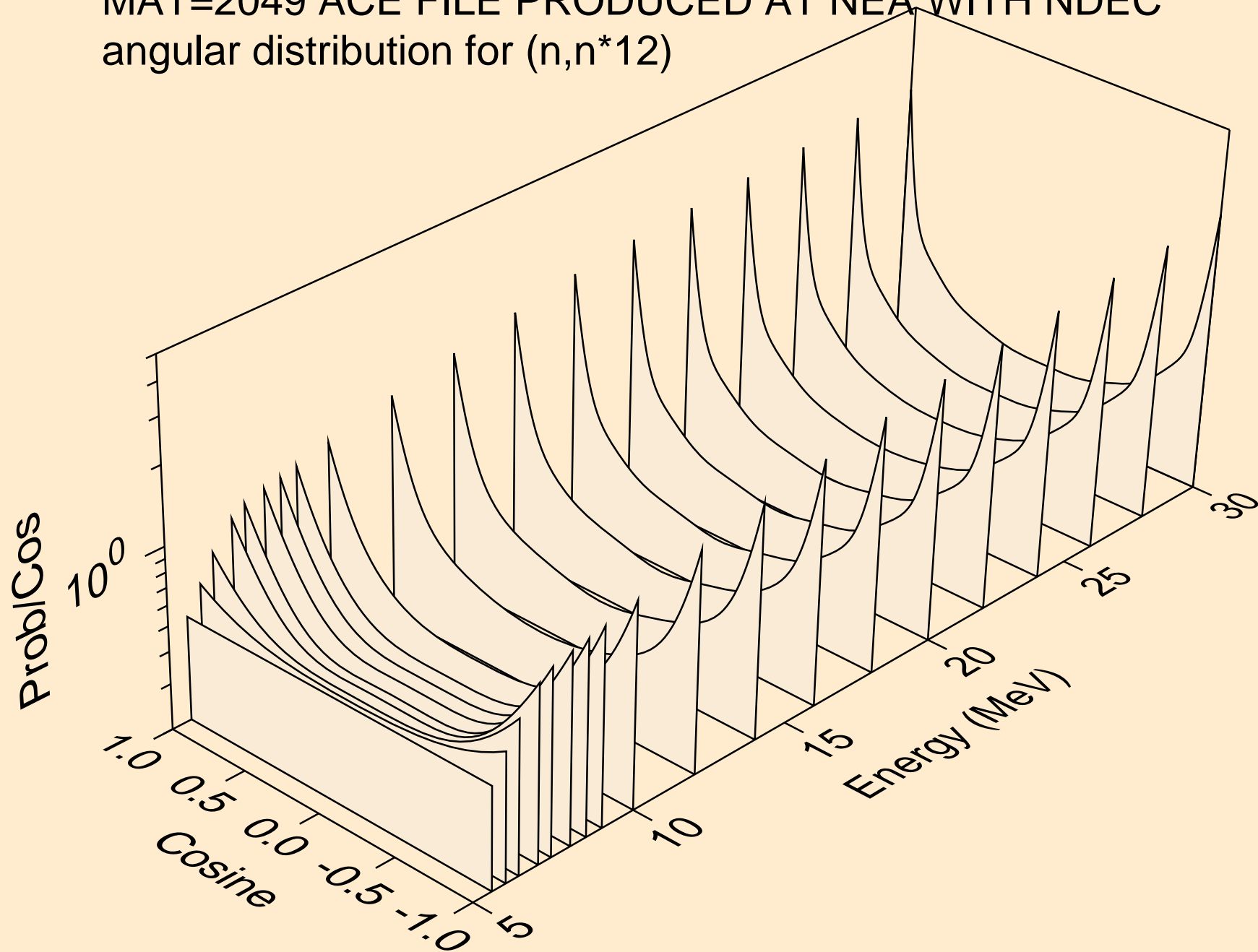
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*10)



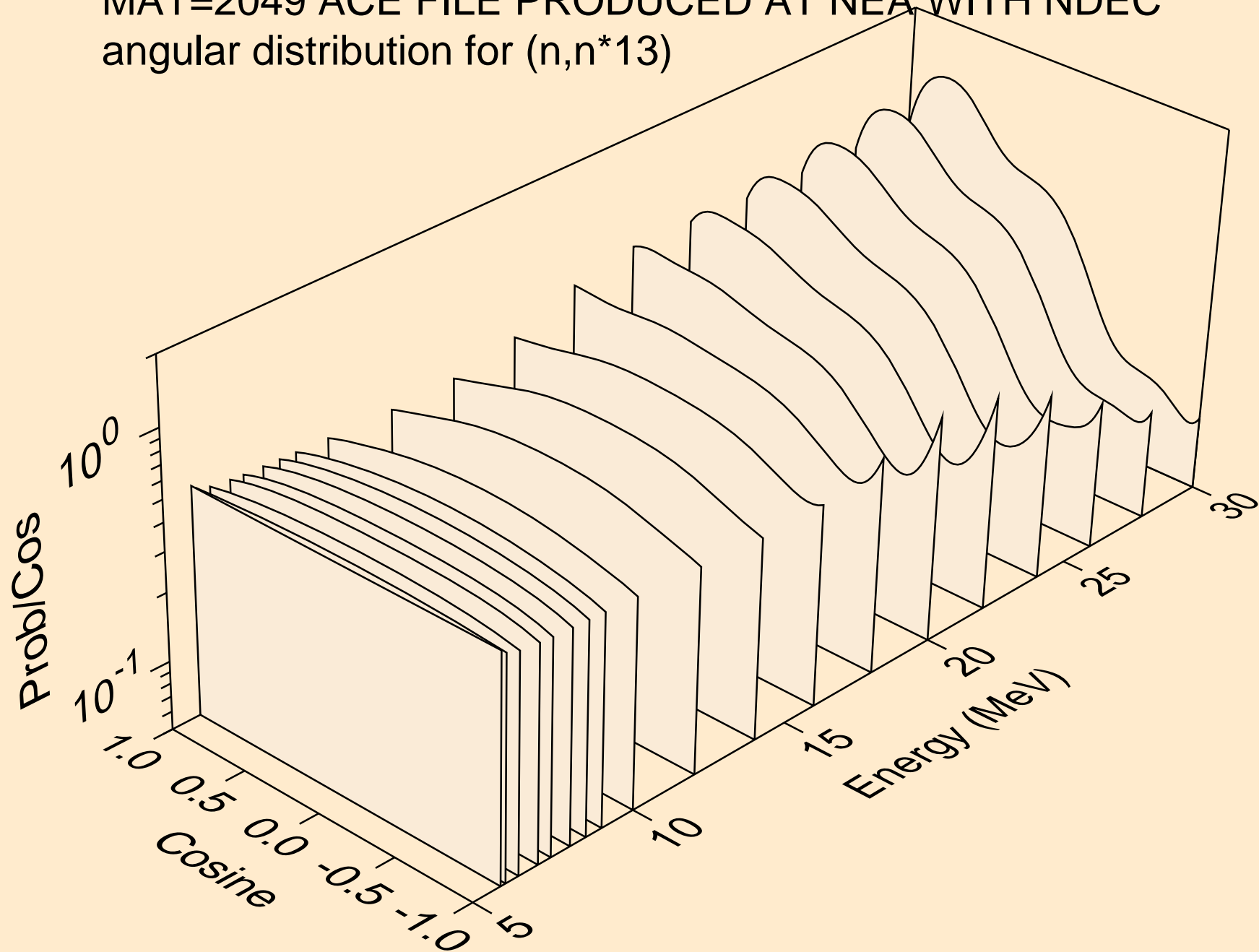
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*11)



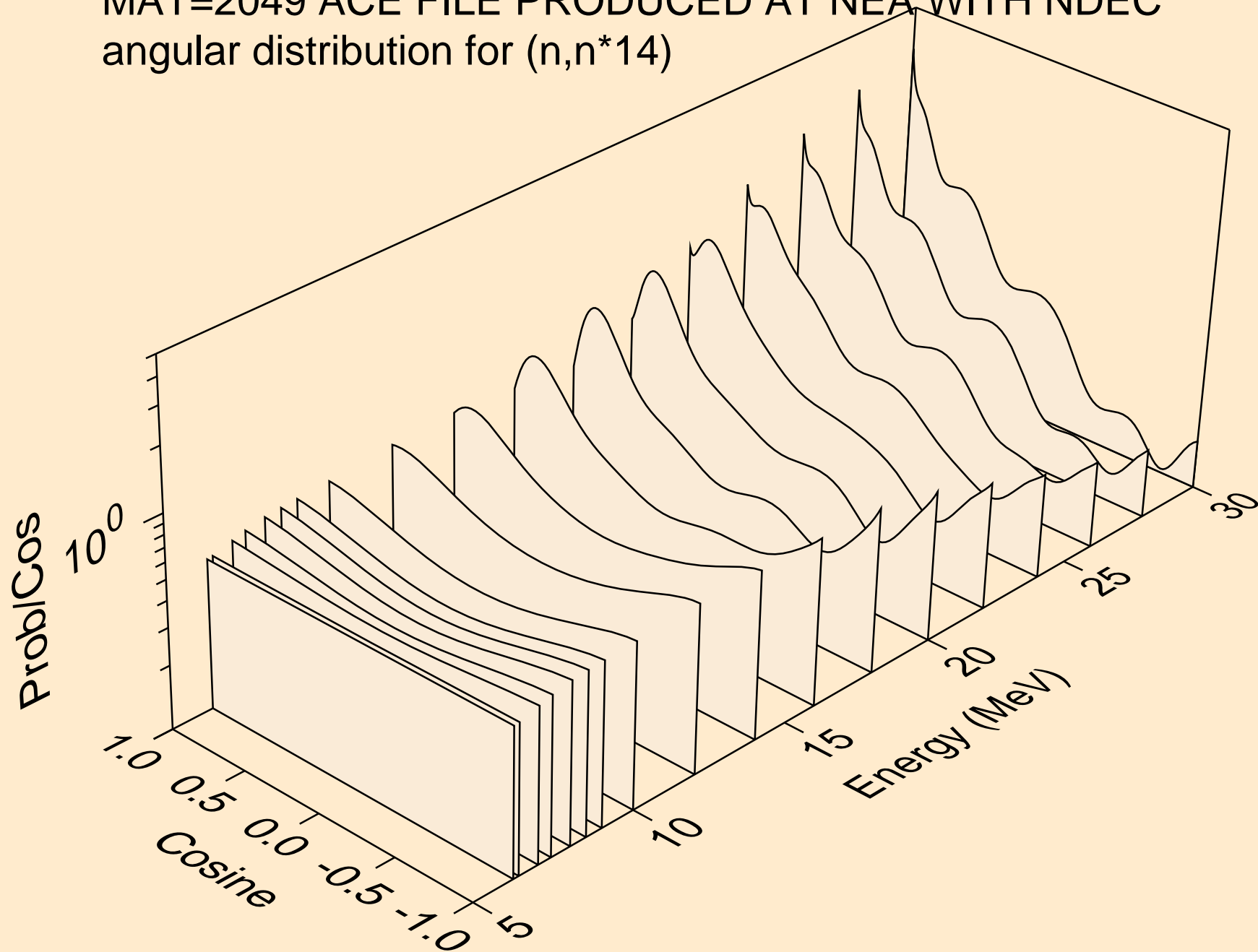
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*12)



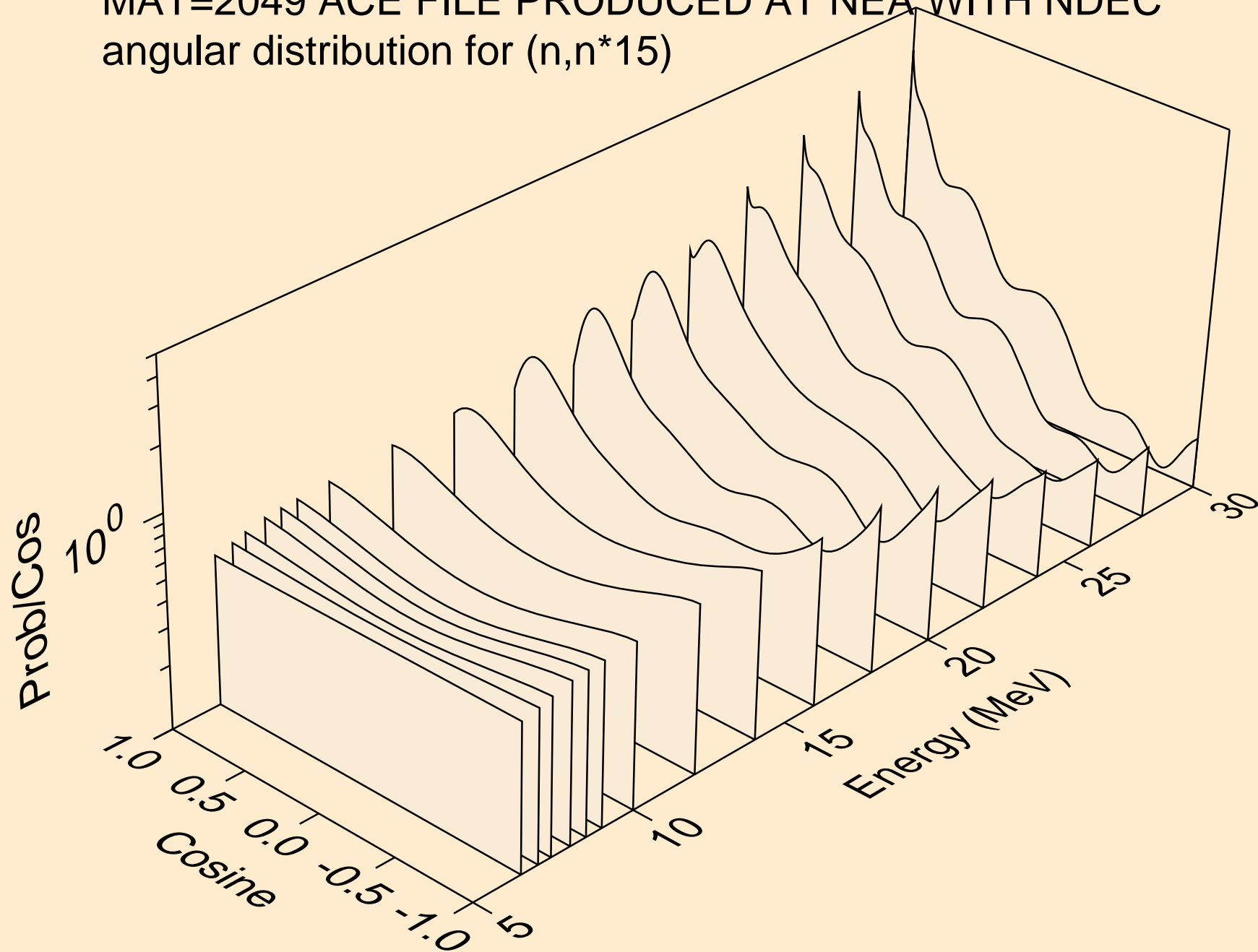
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*13)



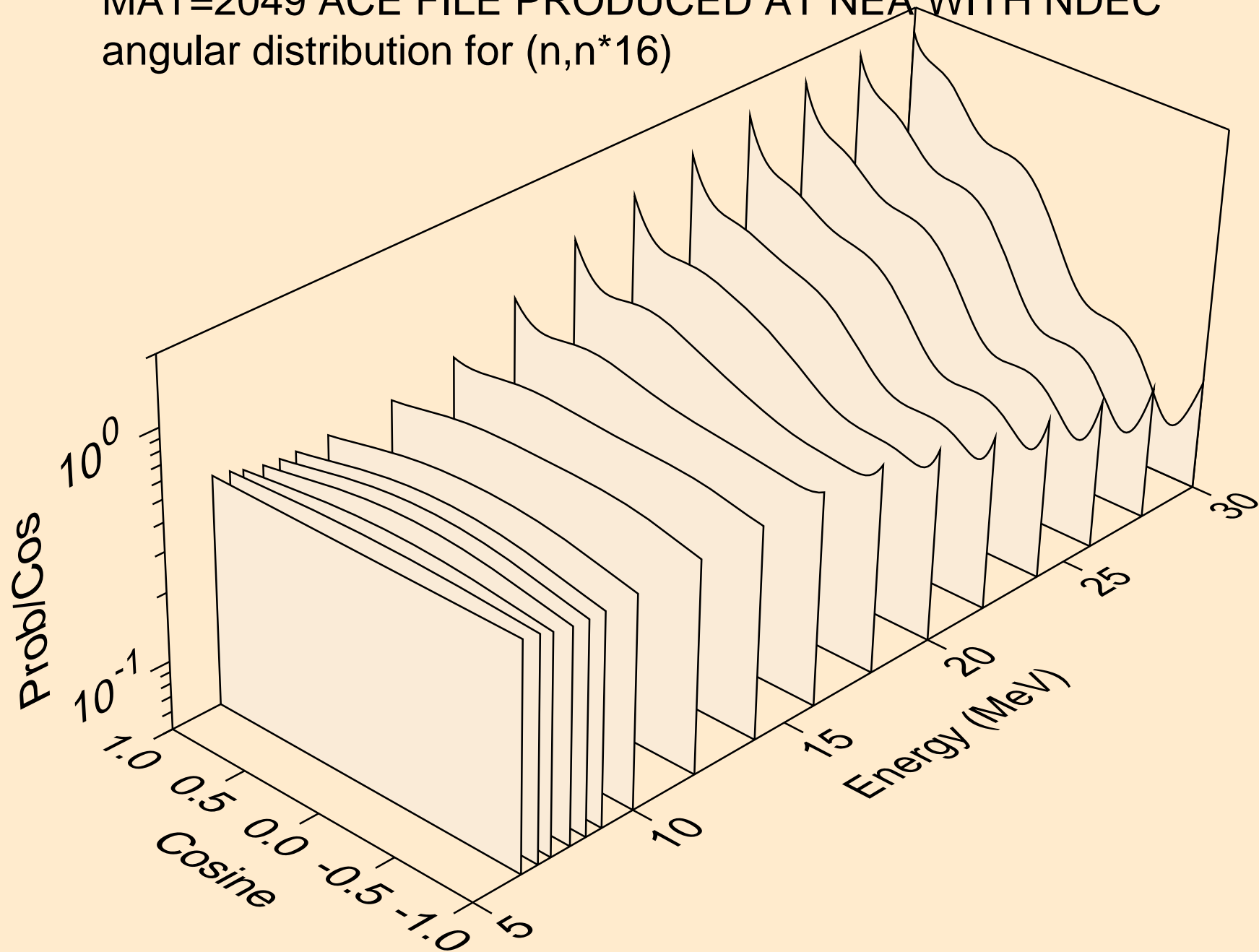
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*14)



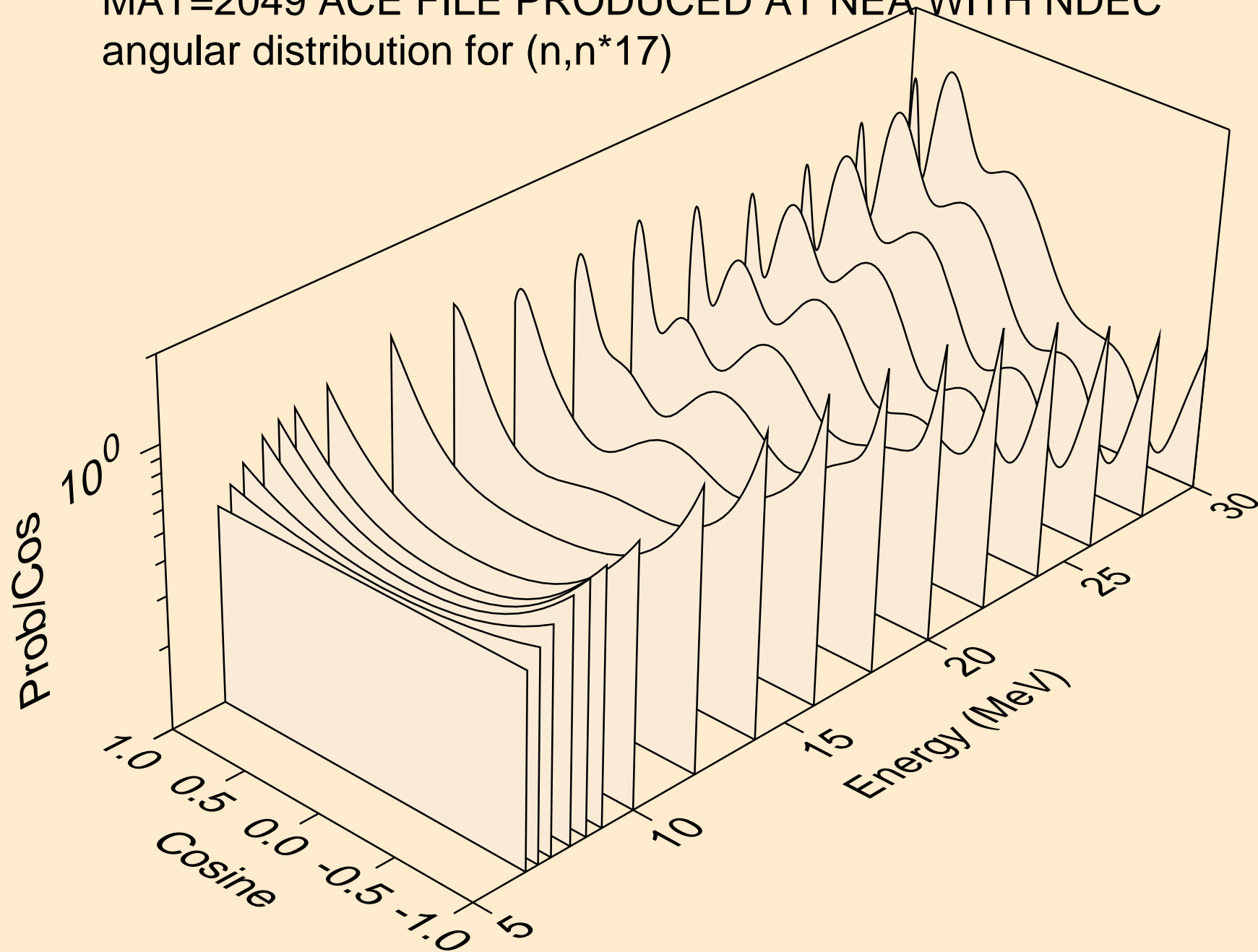
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*15)



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*16)

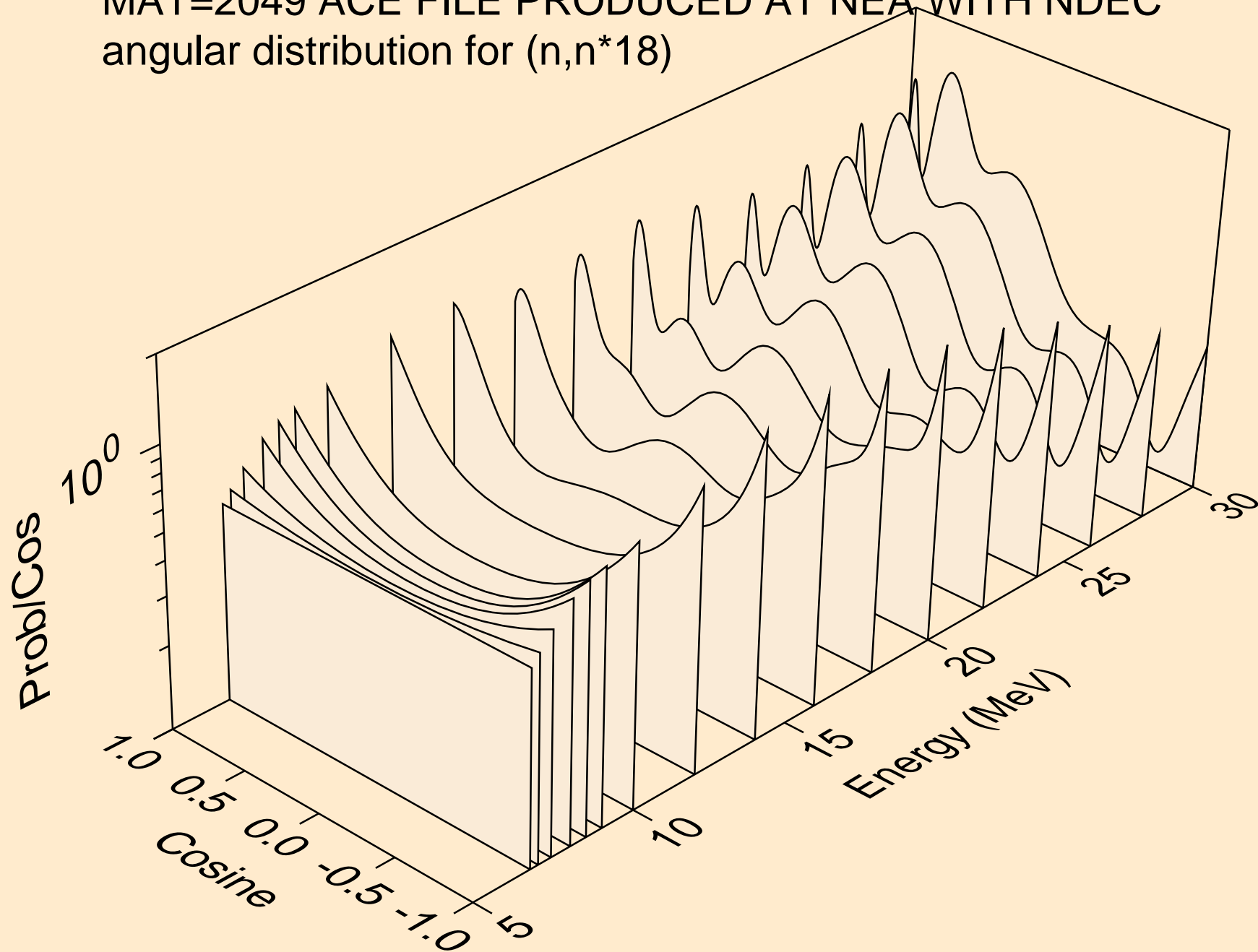


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*17)

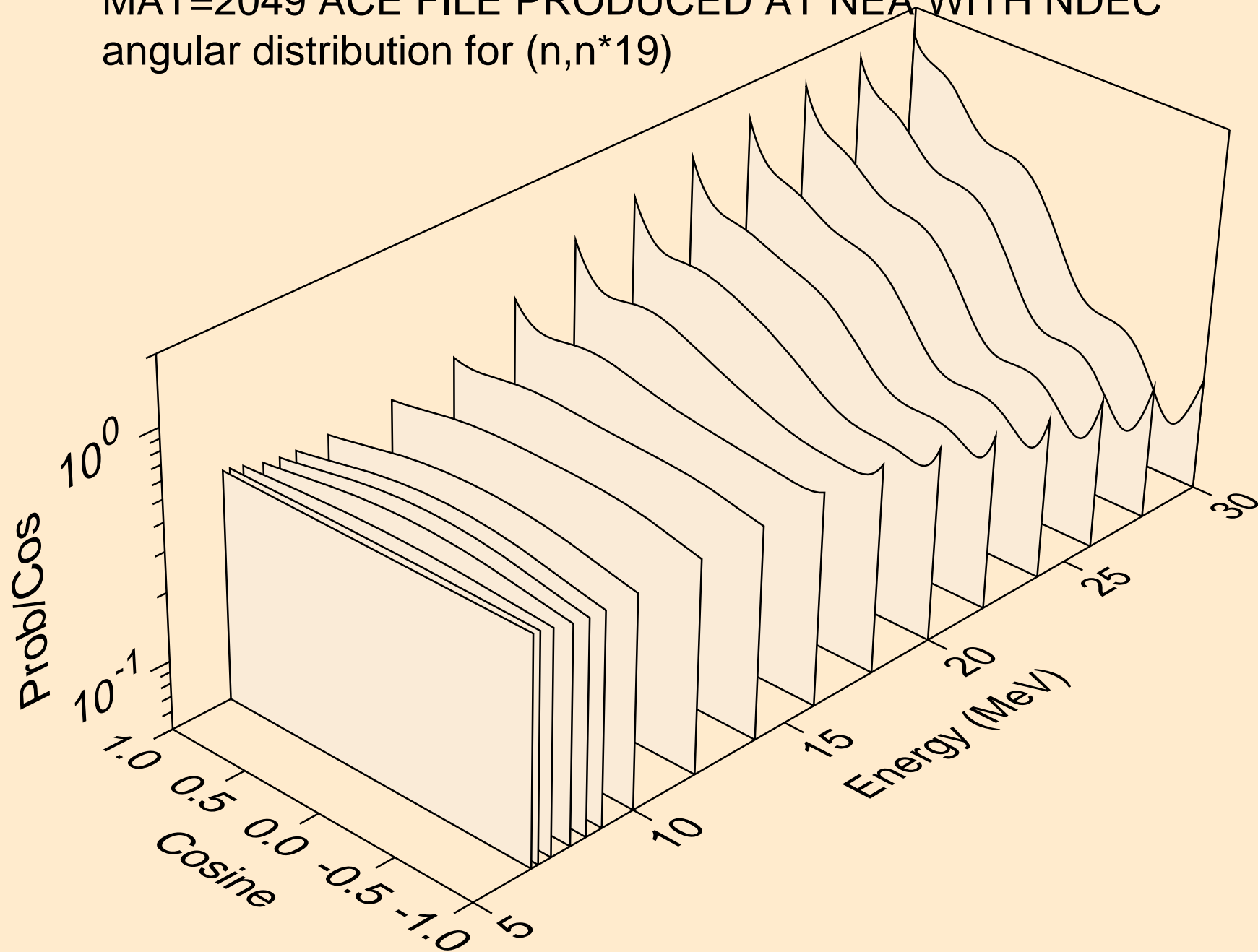




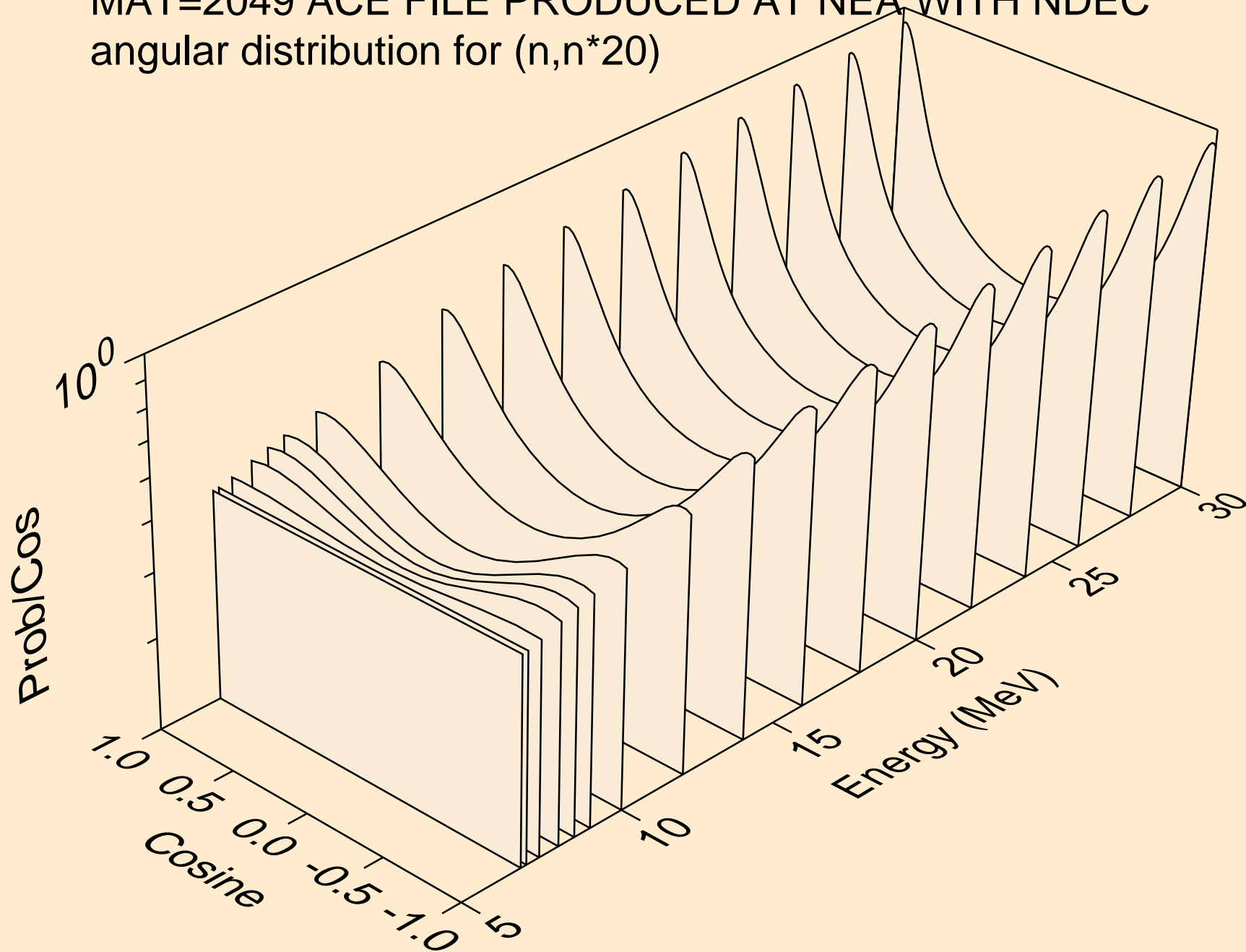
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*18)



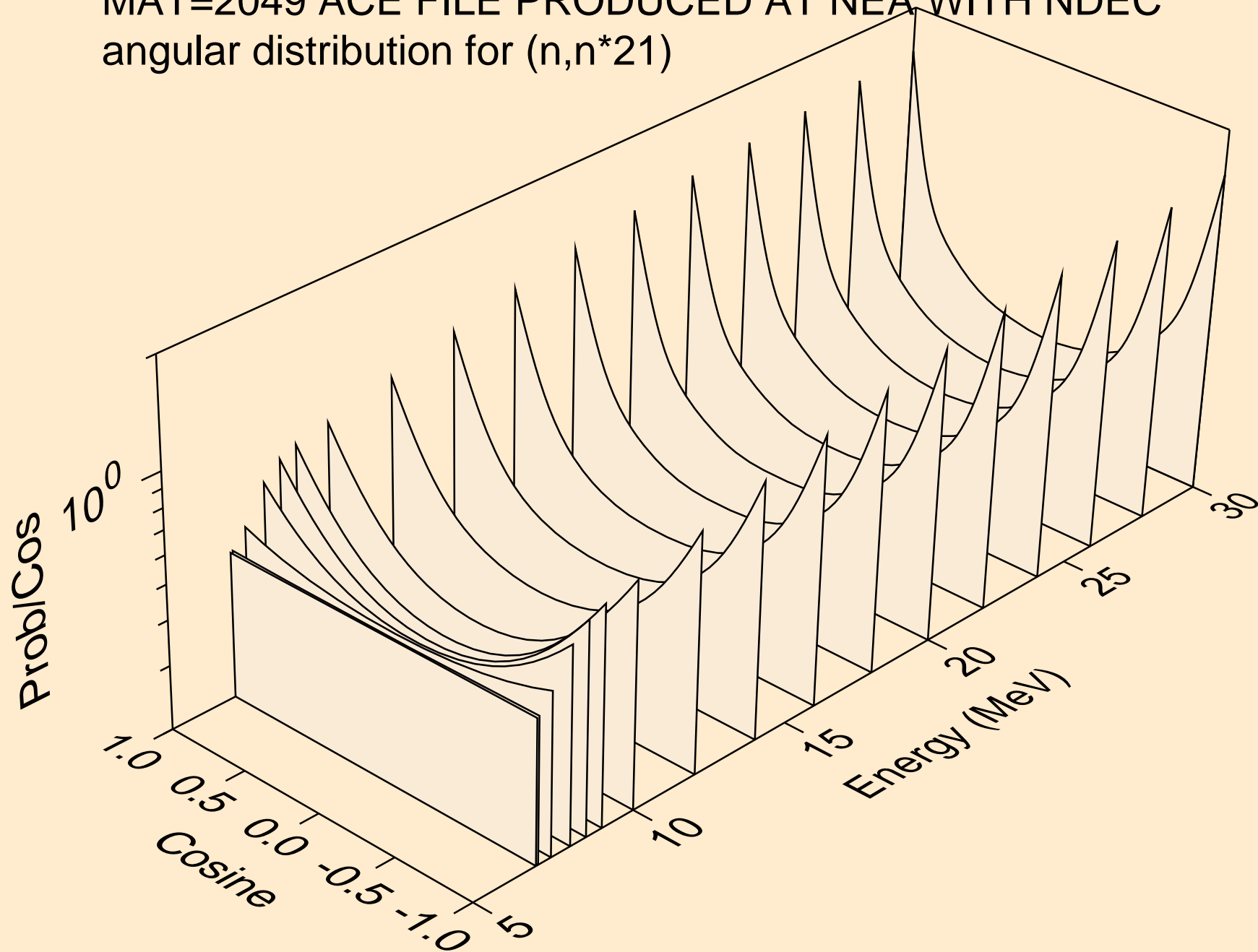
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*19)



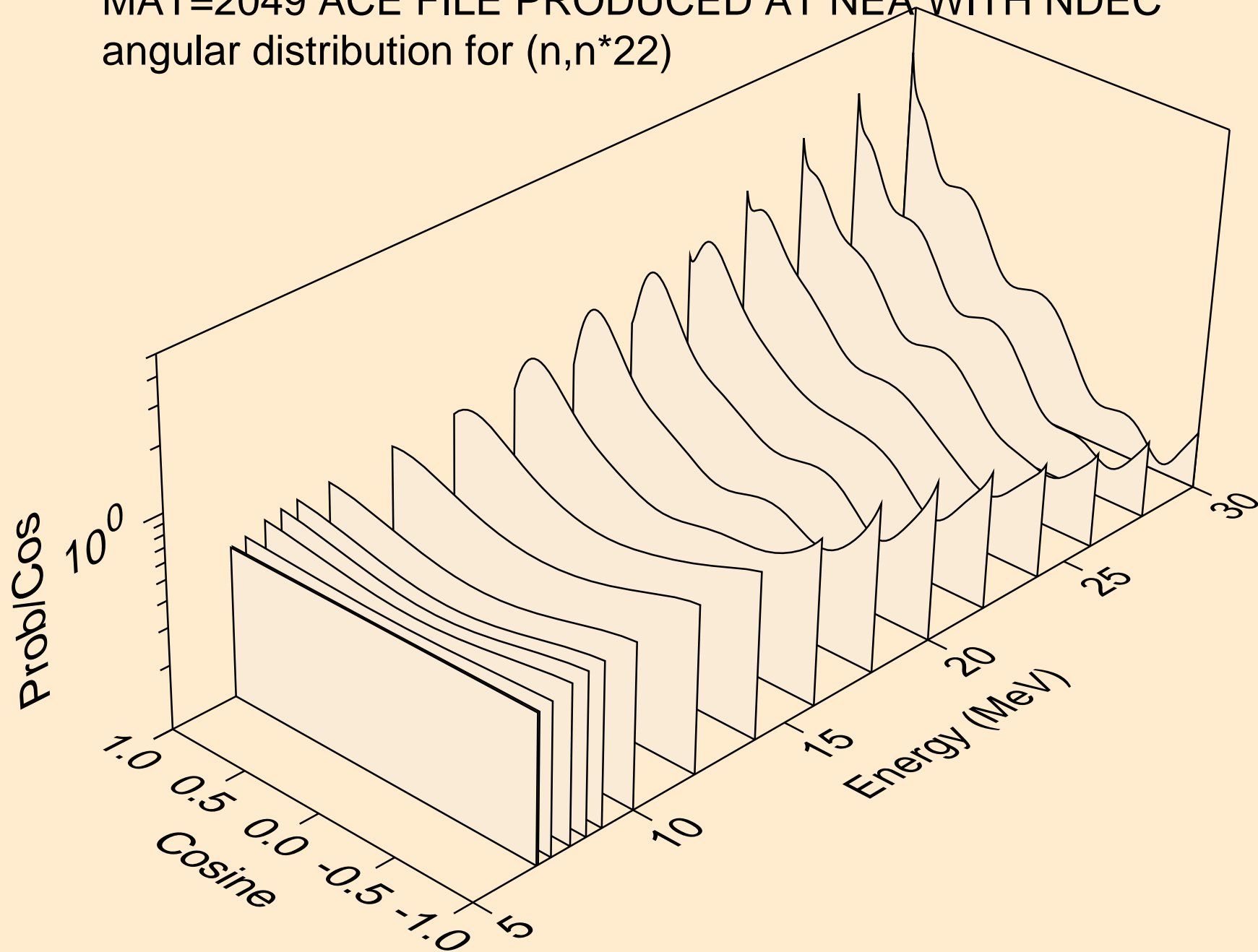
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*20)



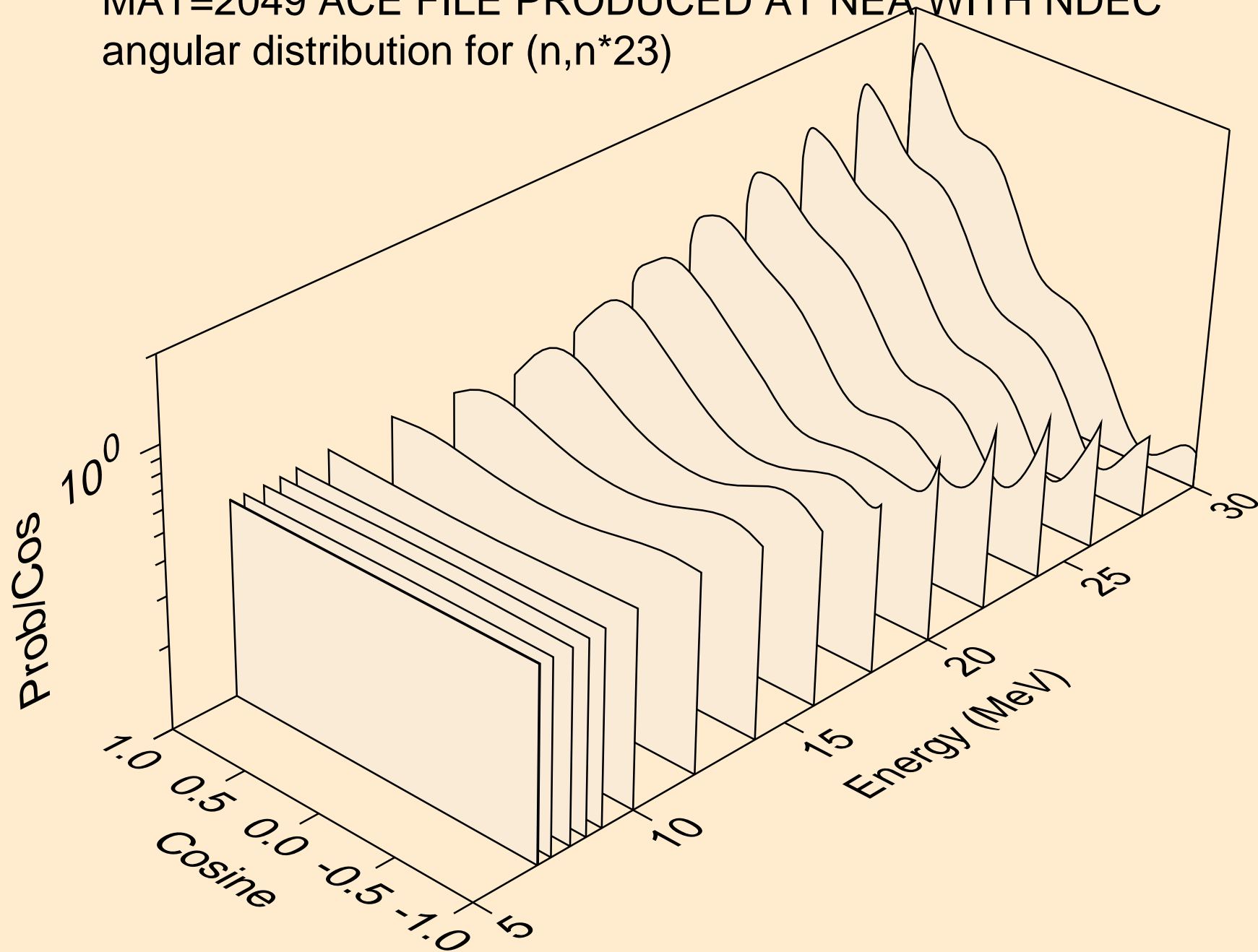
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*21)



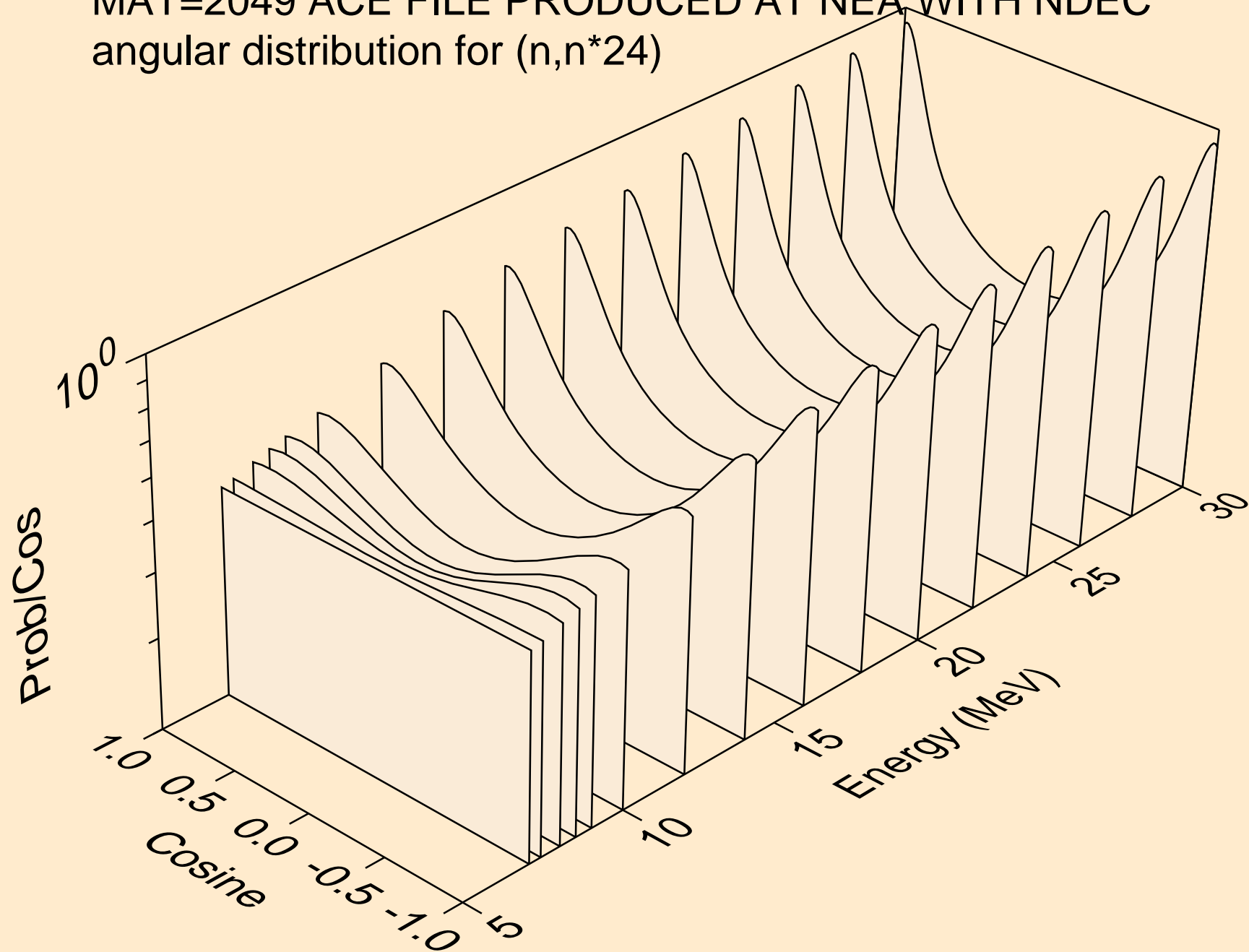
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*22)



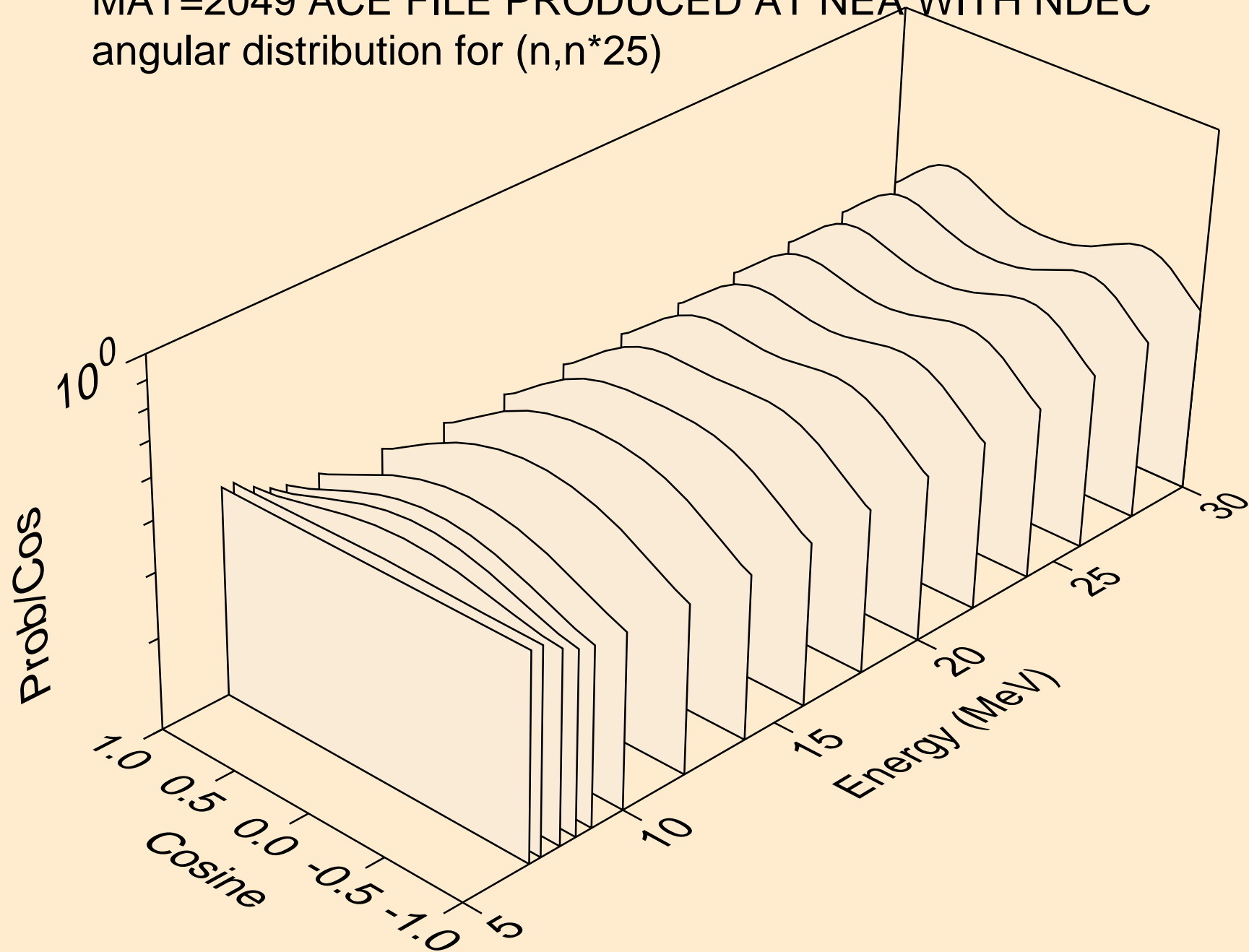
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*23)



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*24)

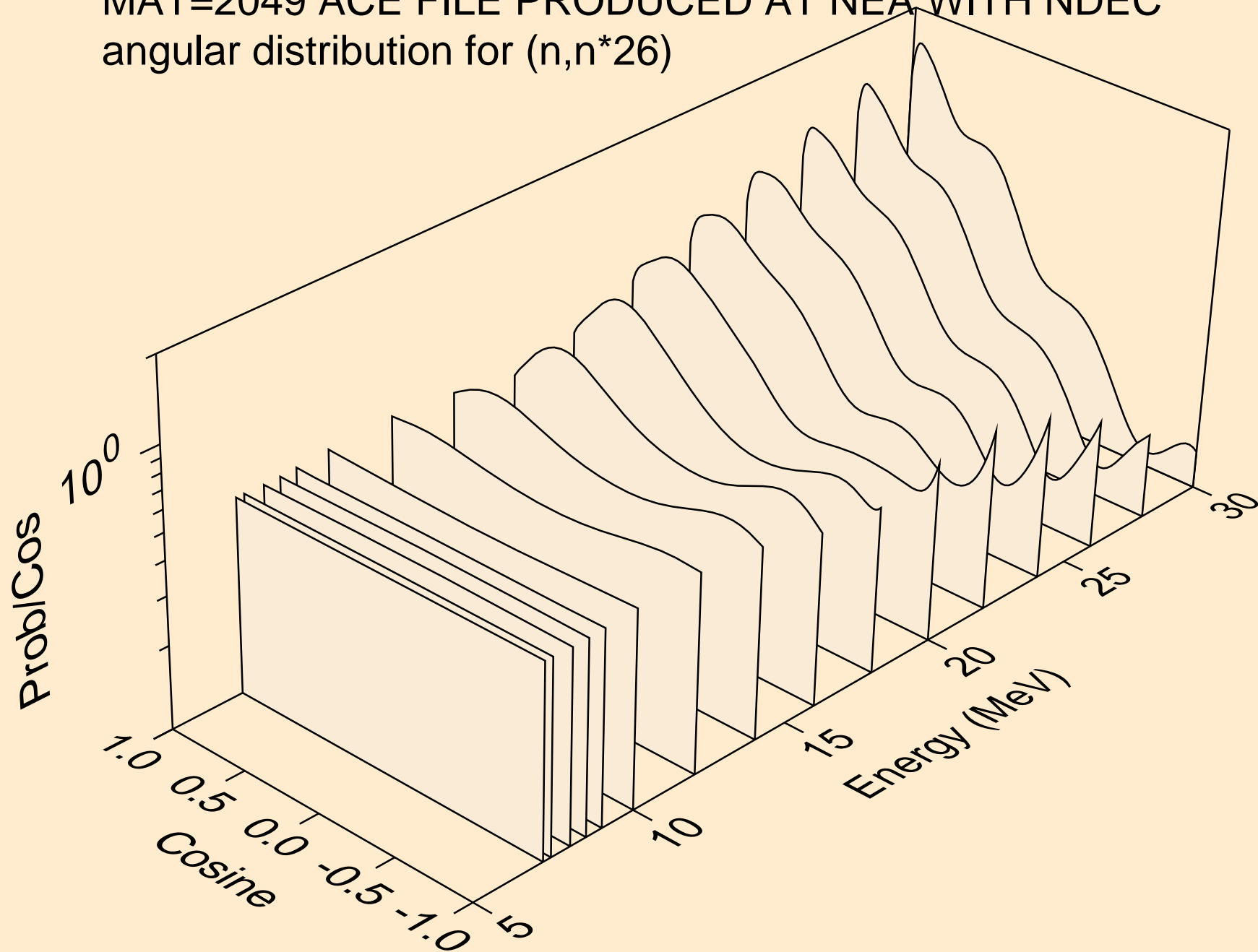


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*25)

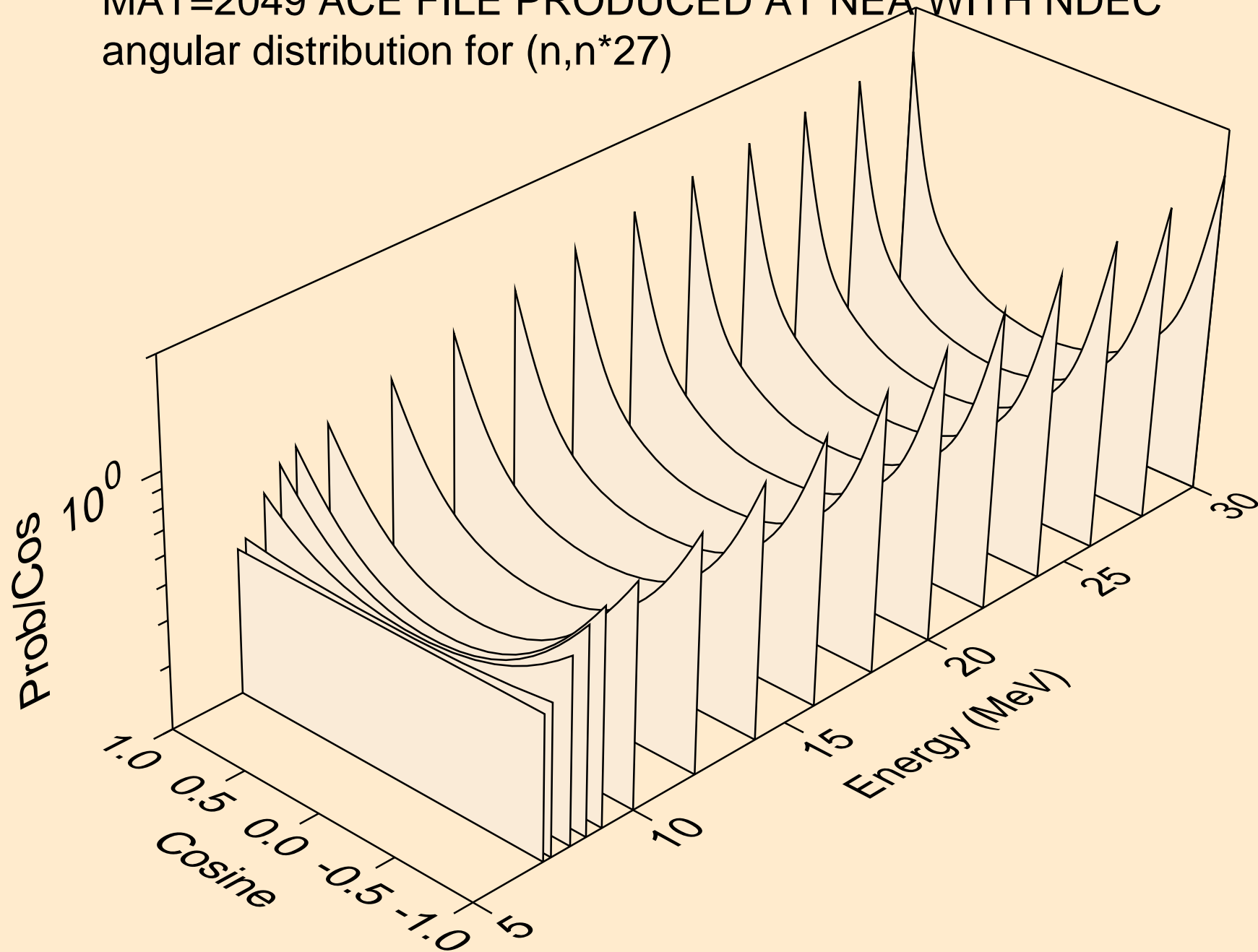




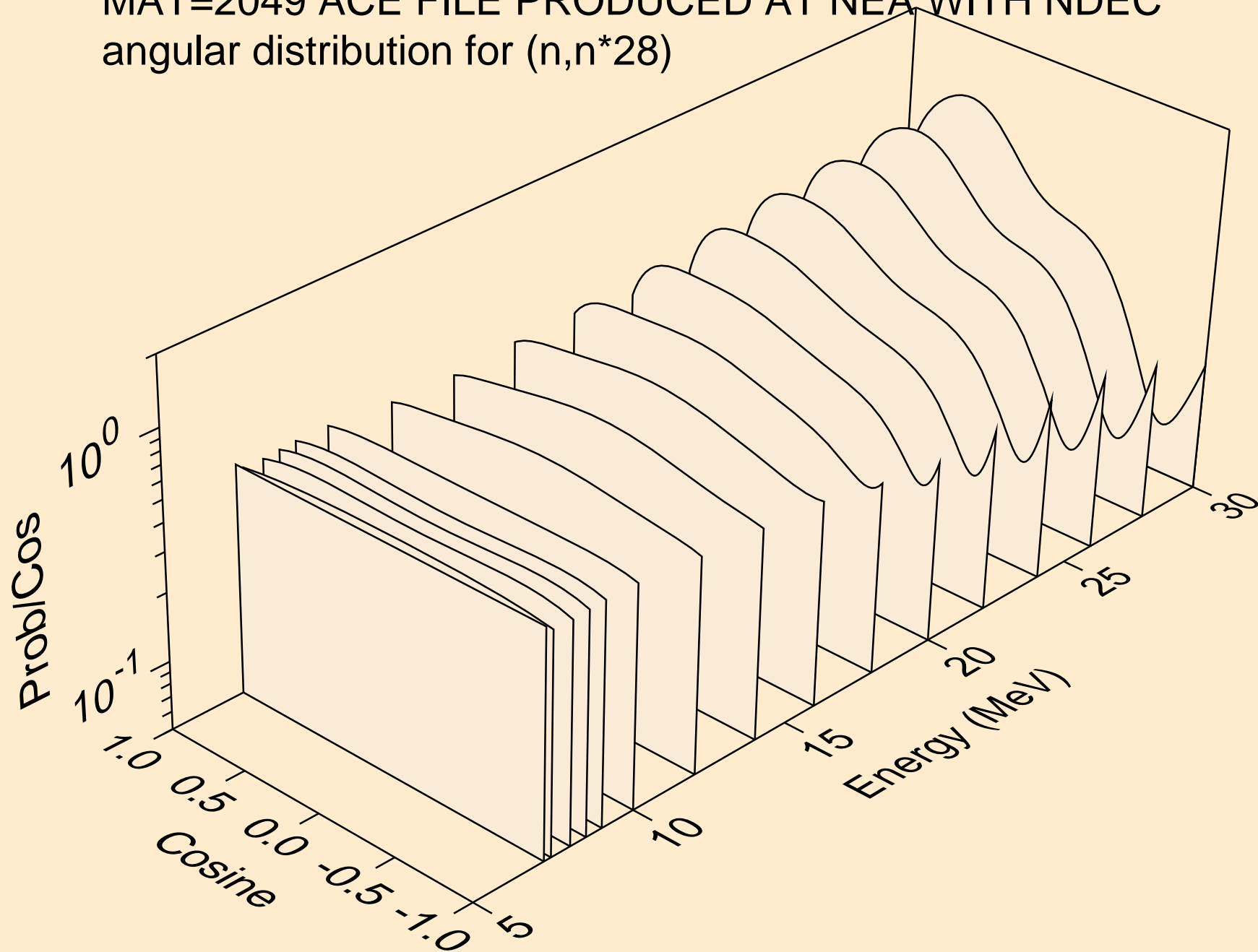
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*26)



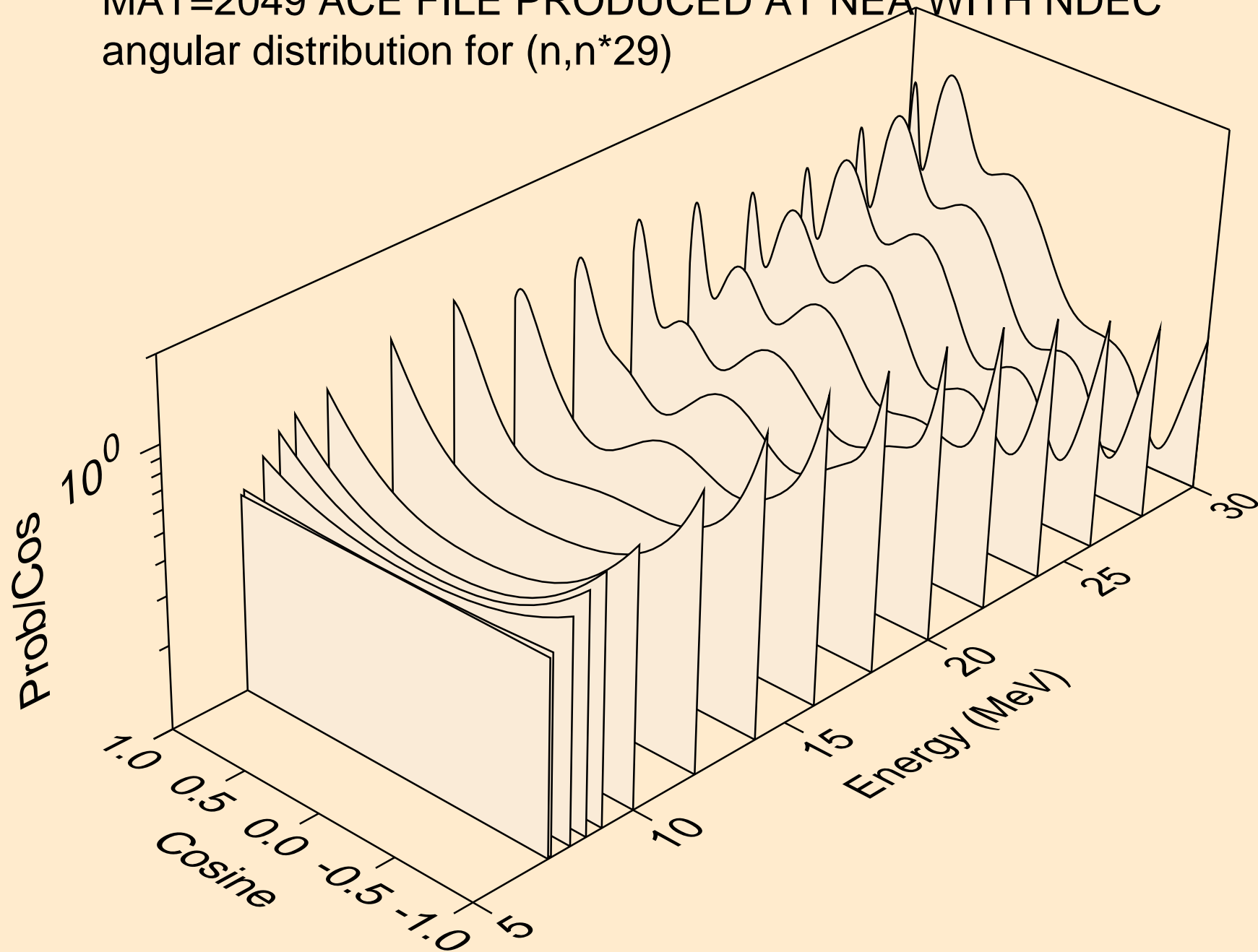
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*27)



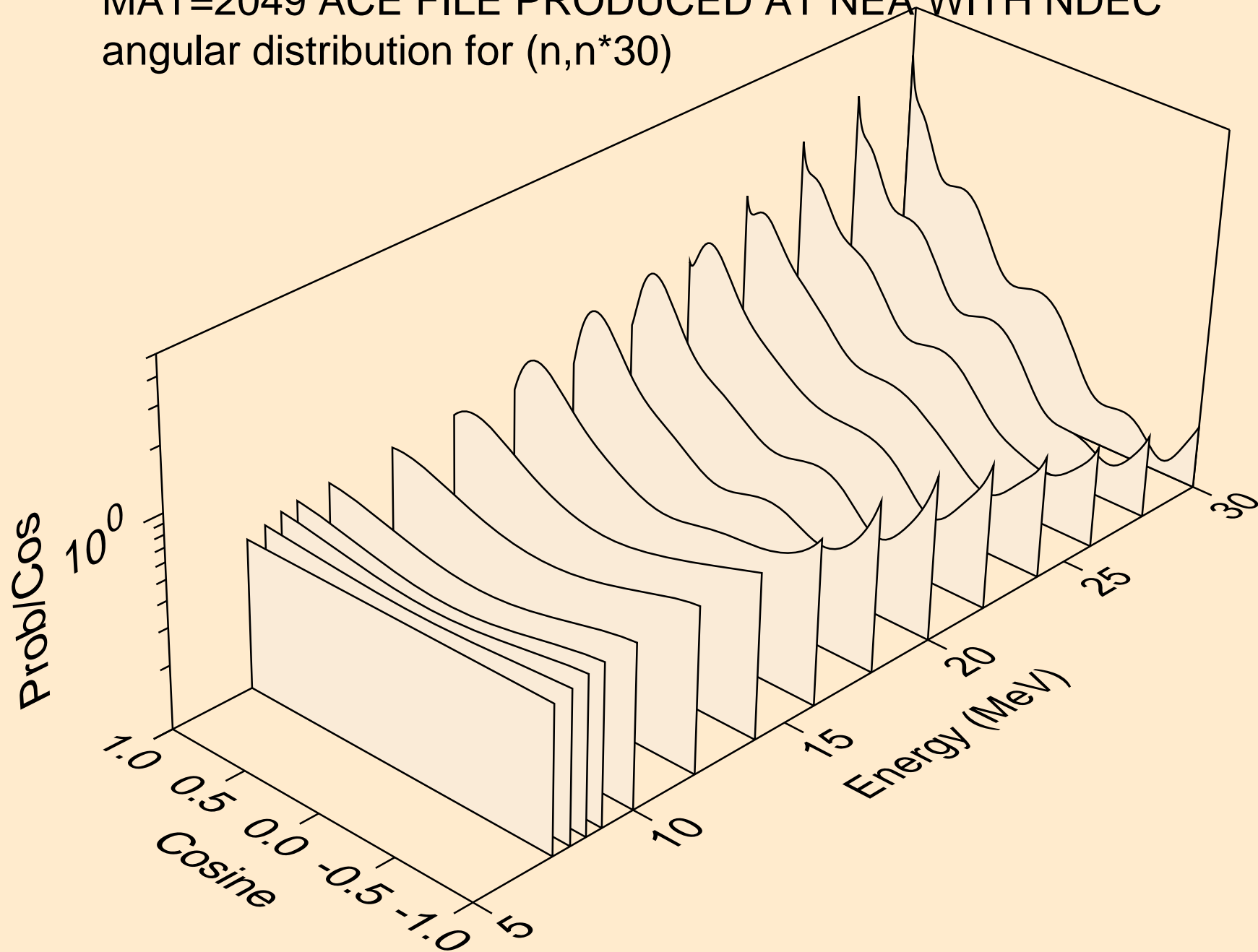
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*28)



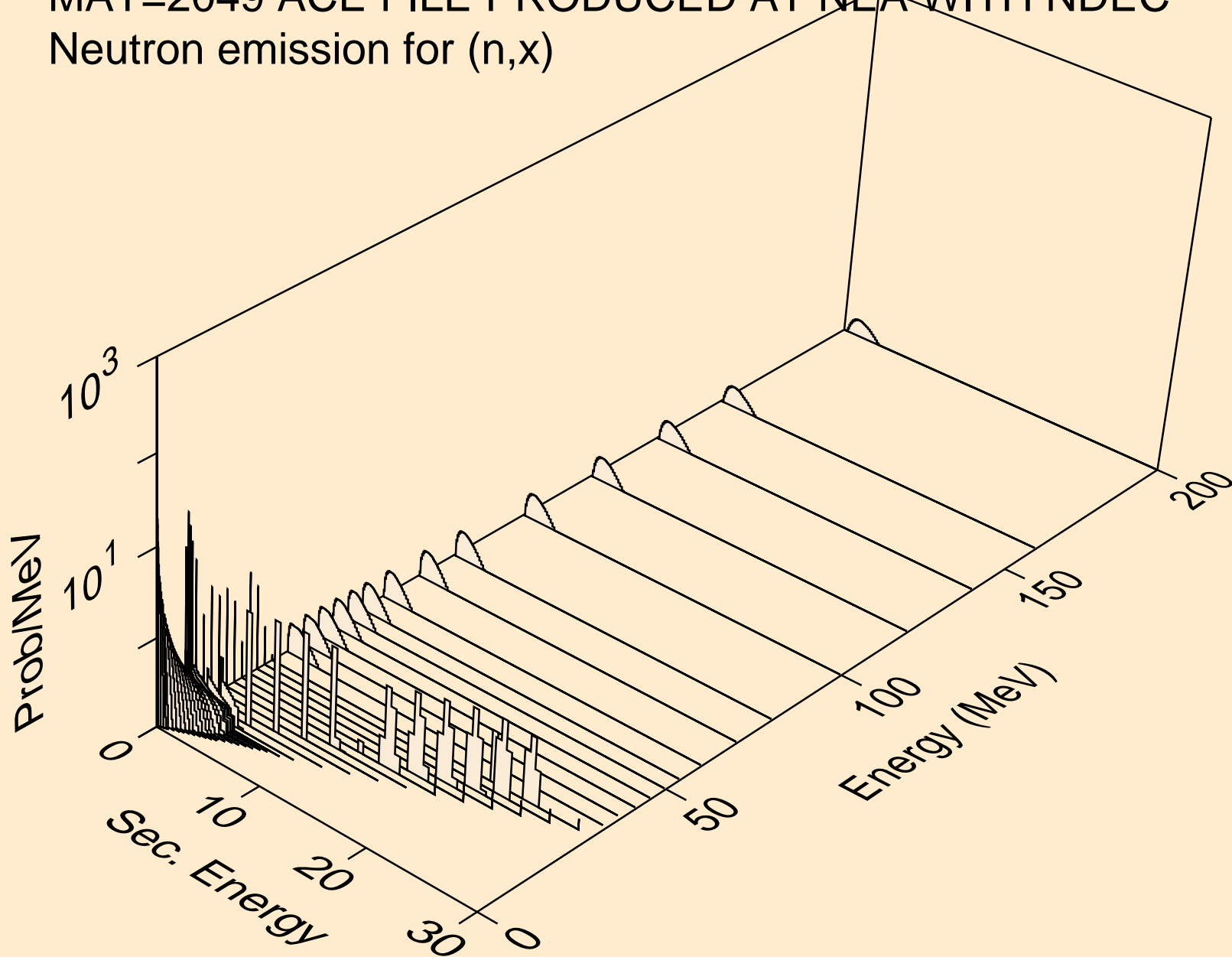
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*29)



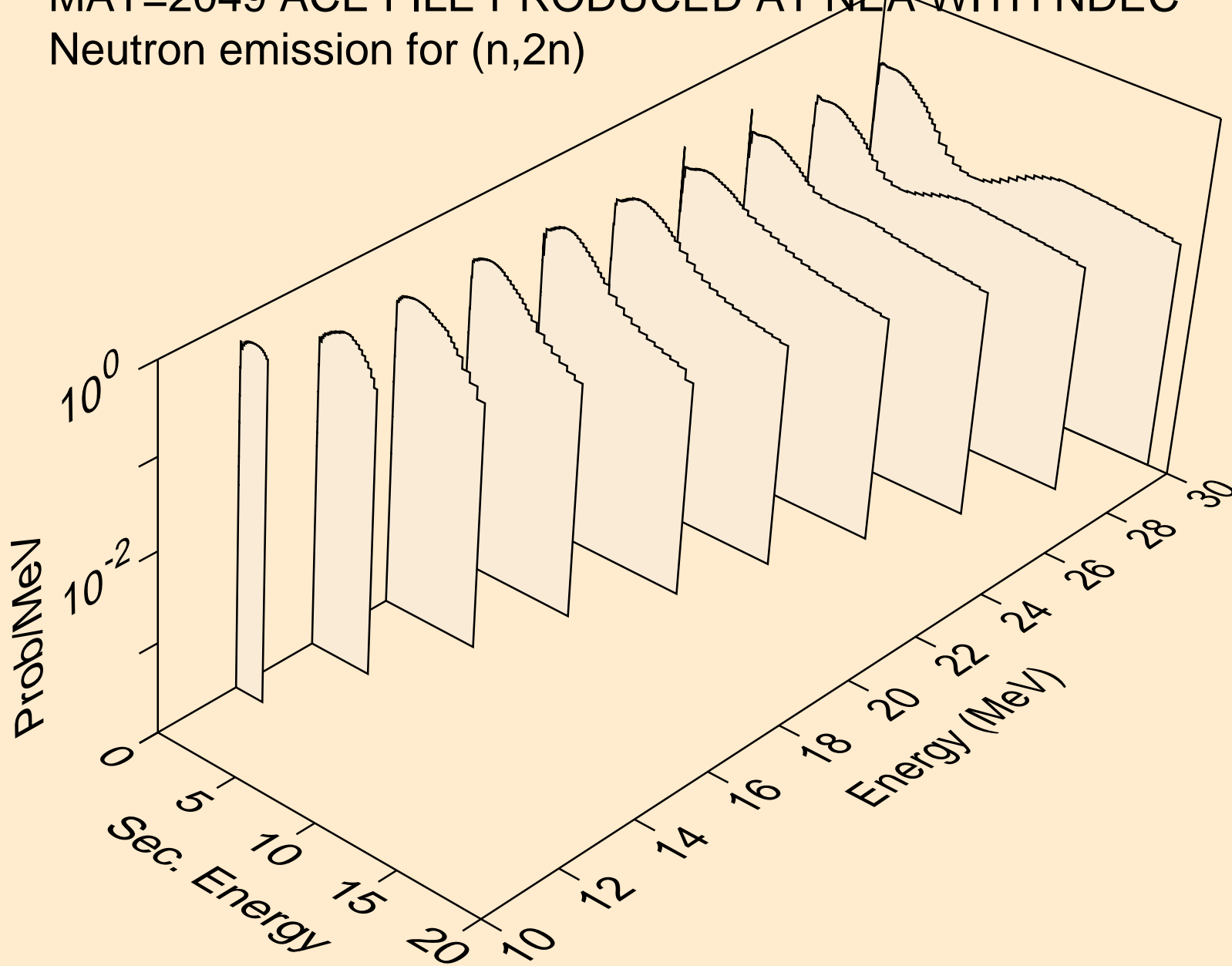
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*30)



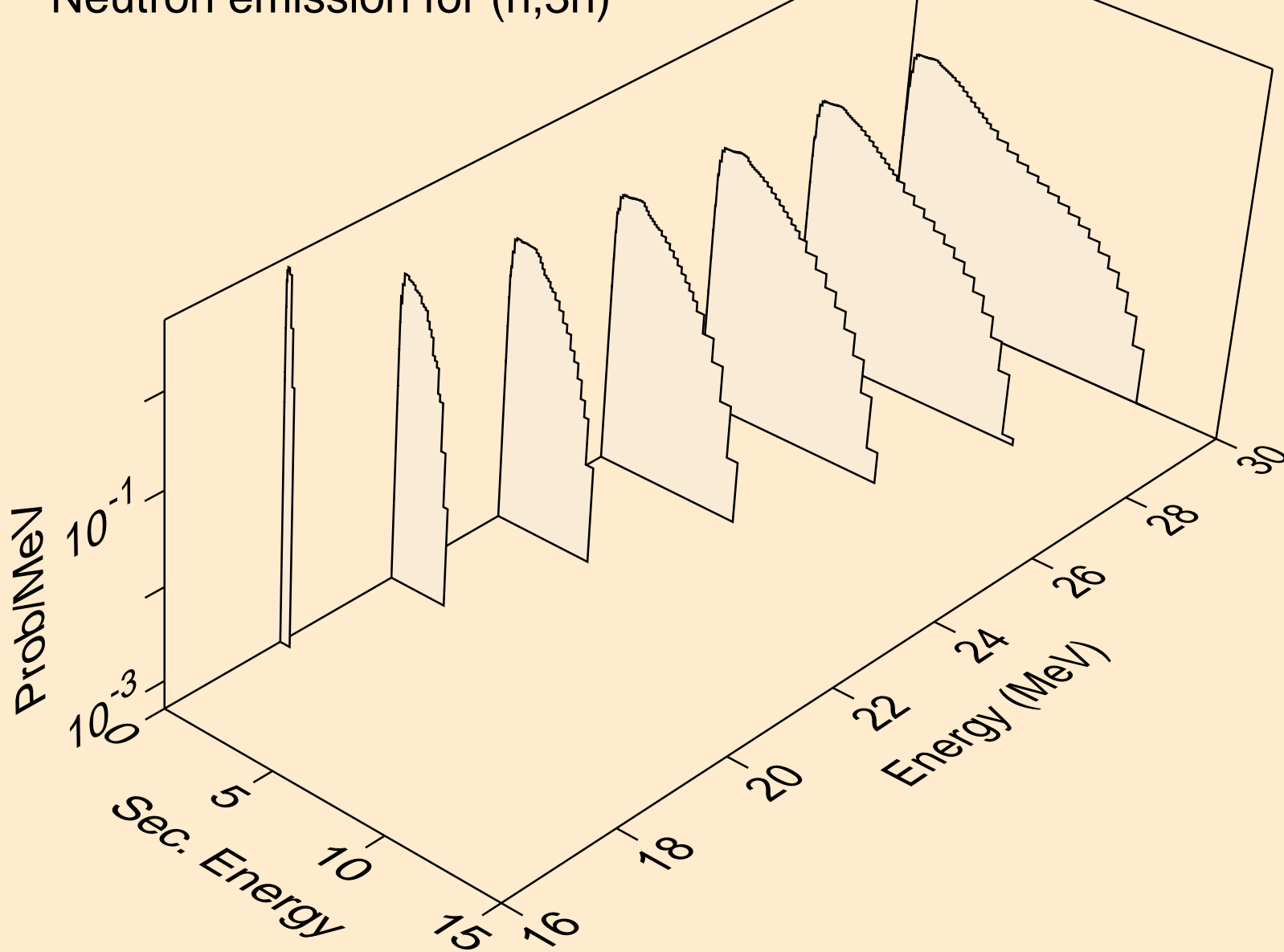
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,x)



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2n)

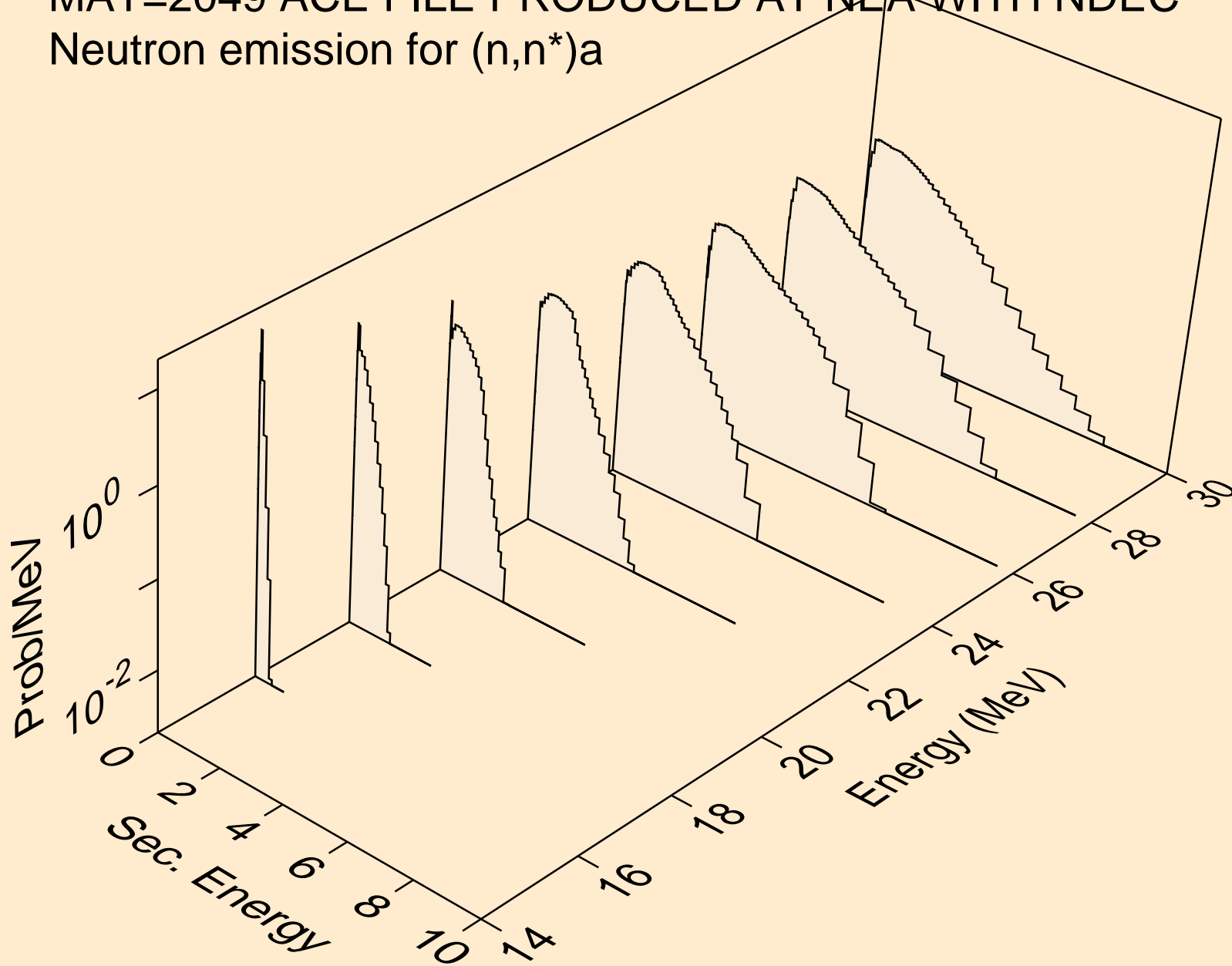


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,3n)

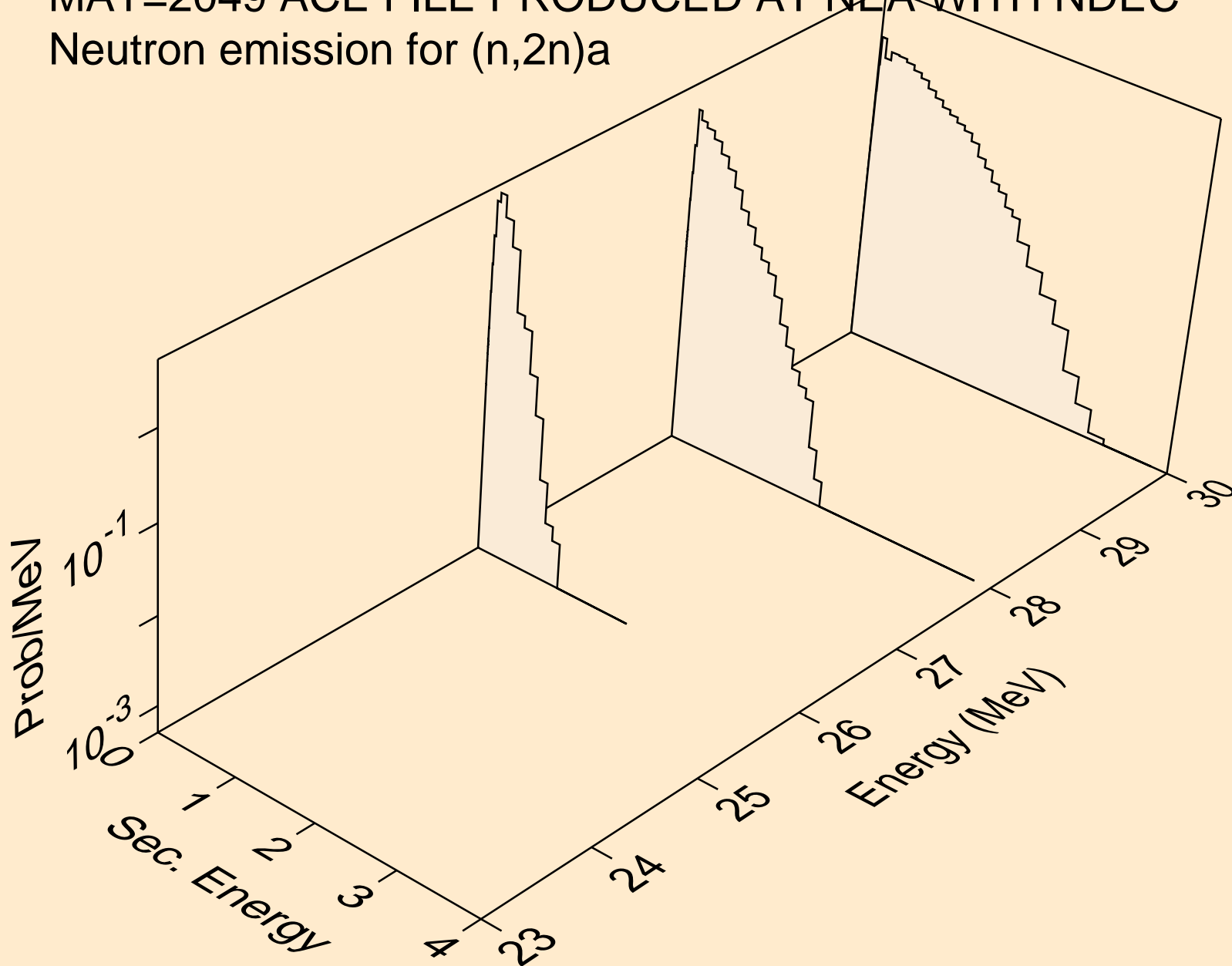




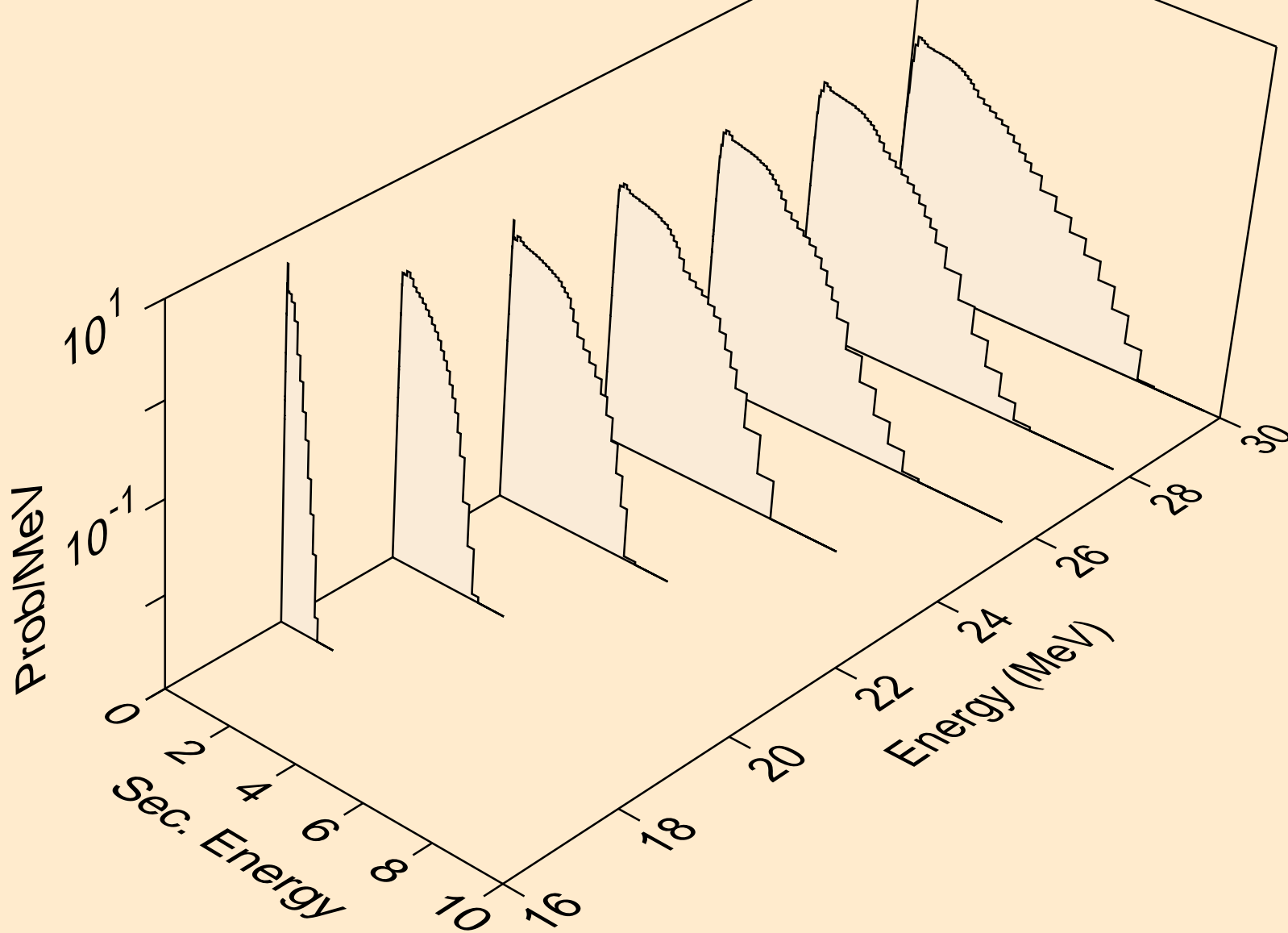
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)a



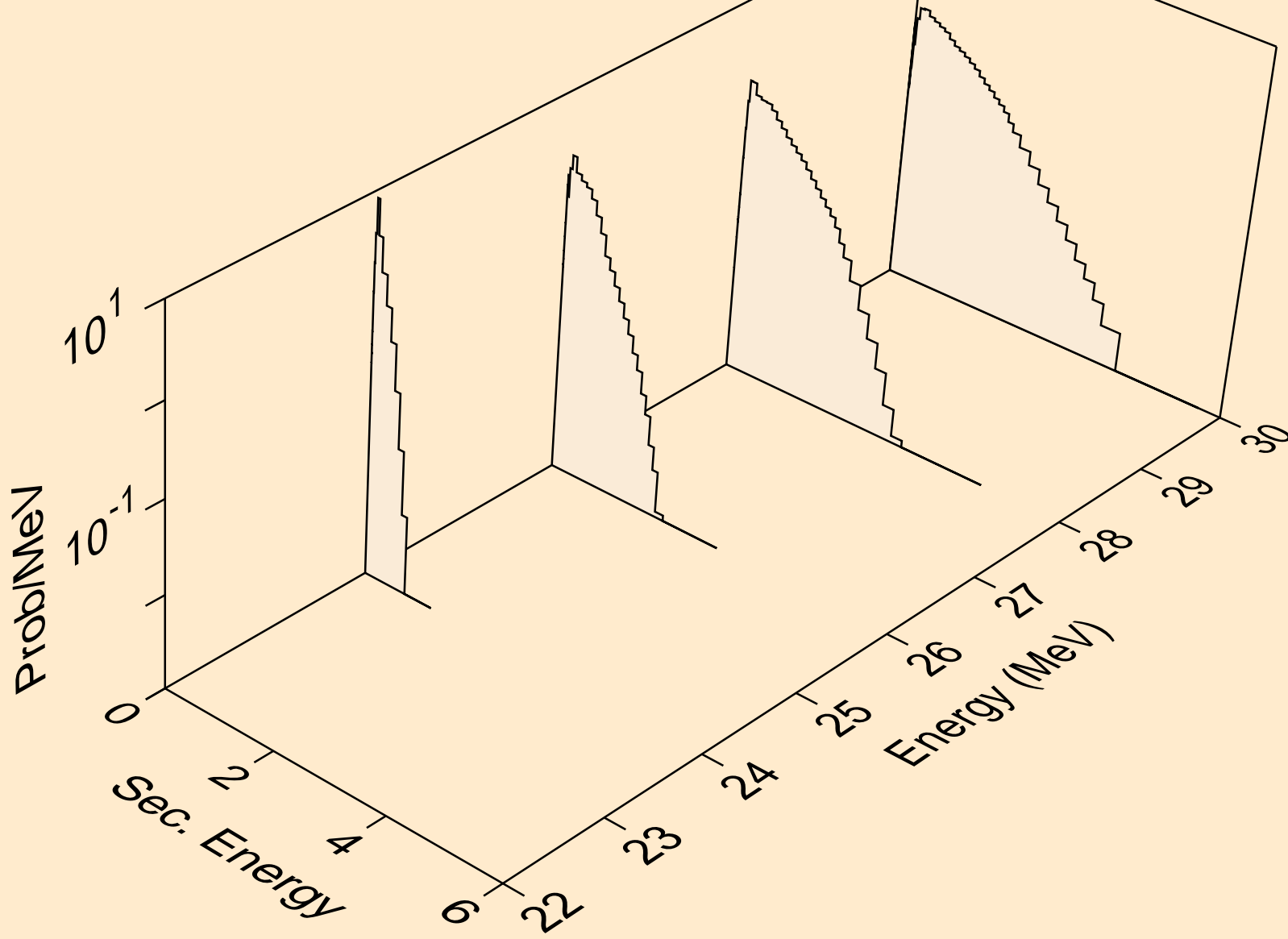
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2n)a



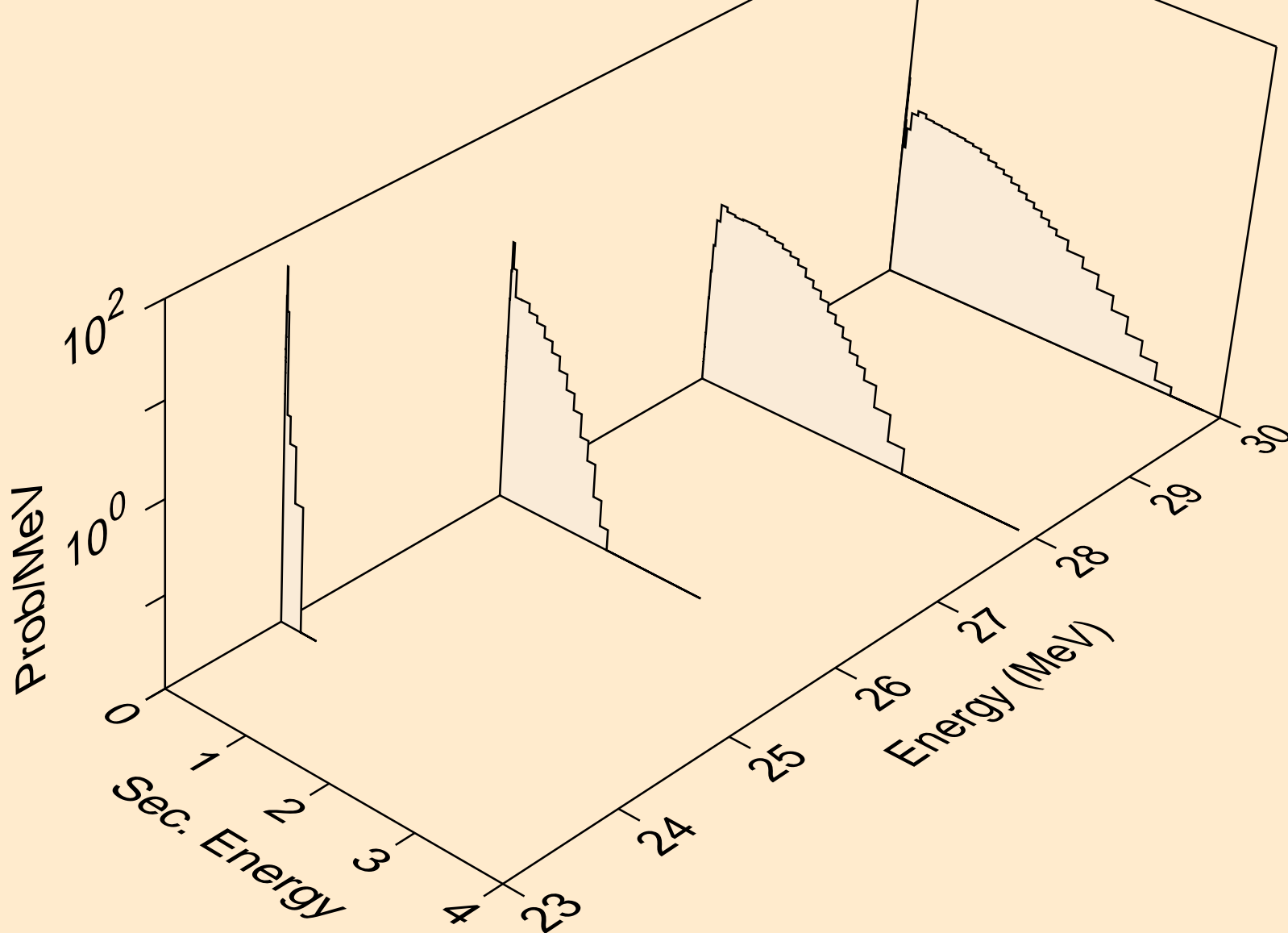
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)p



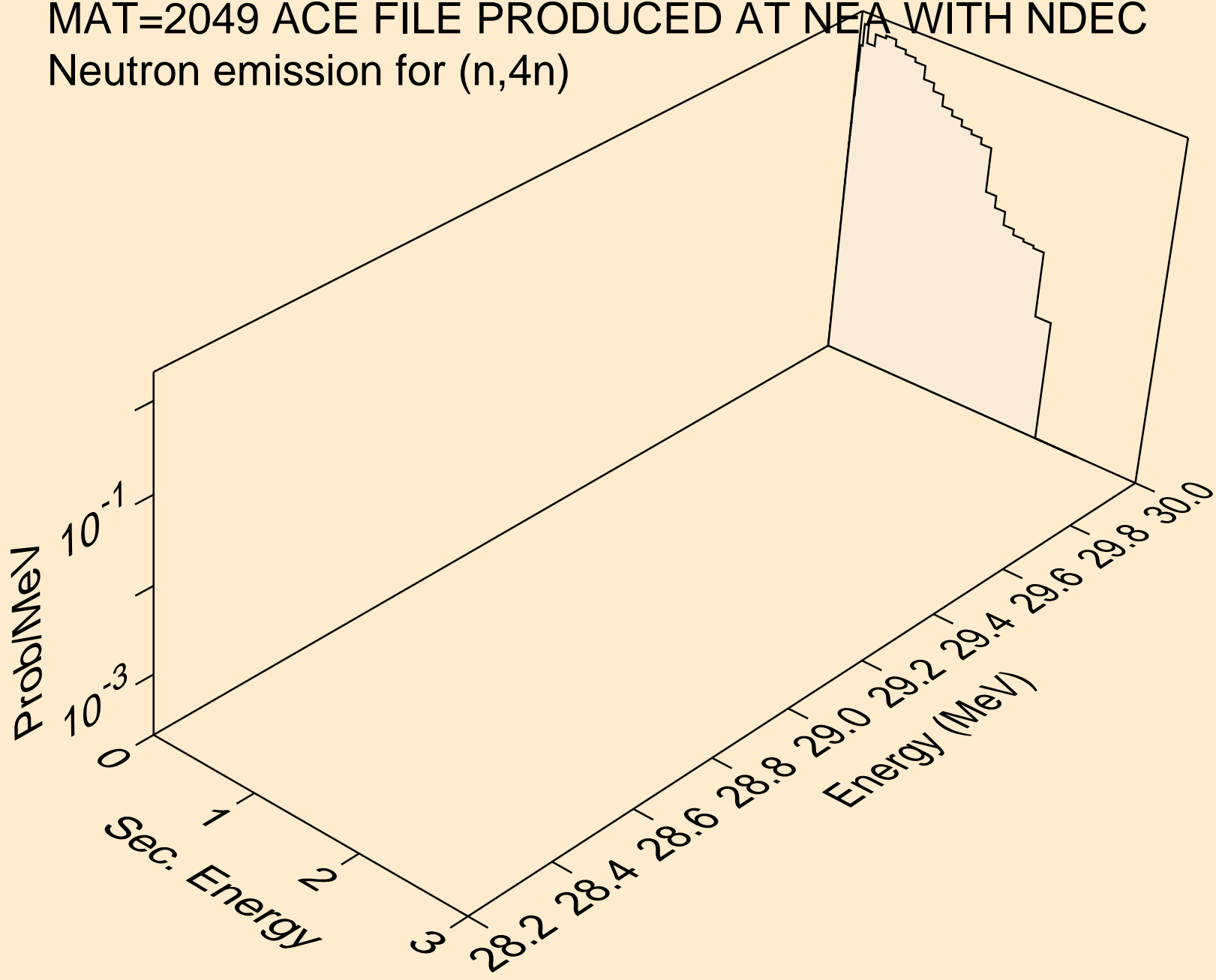
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)d



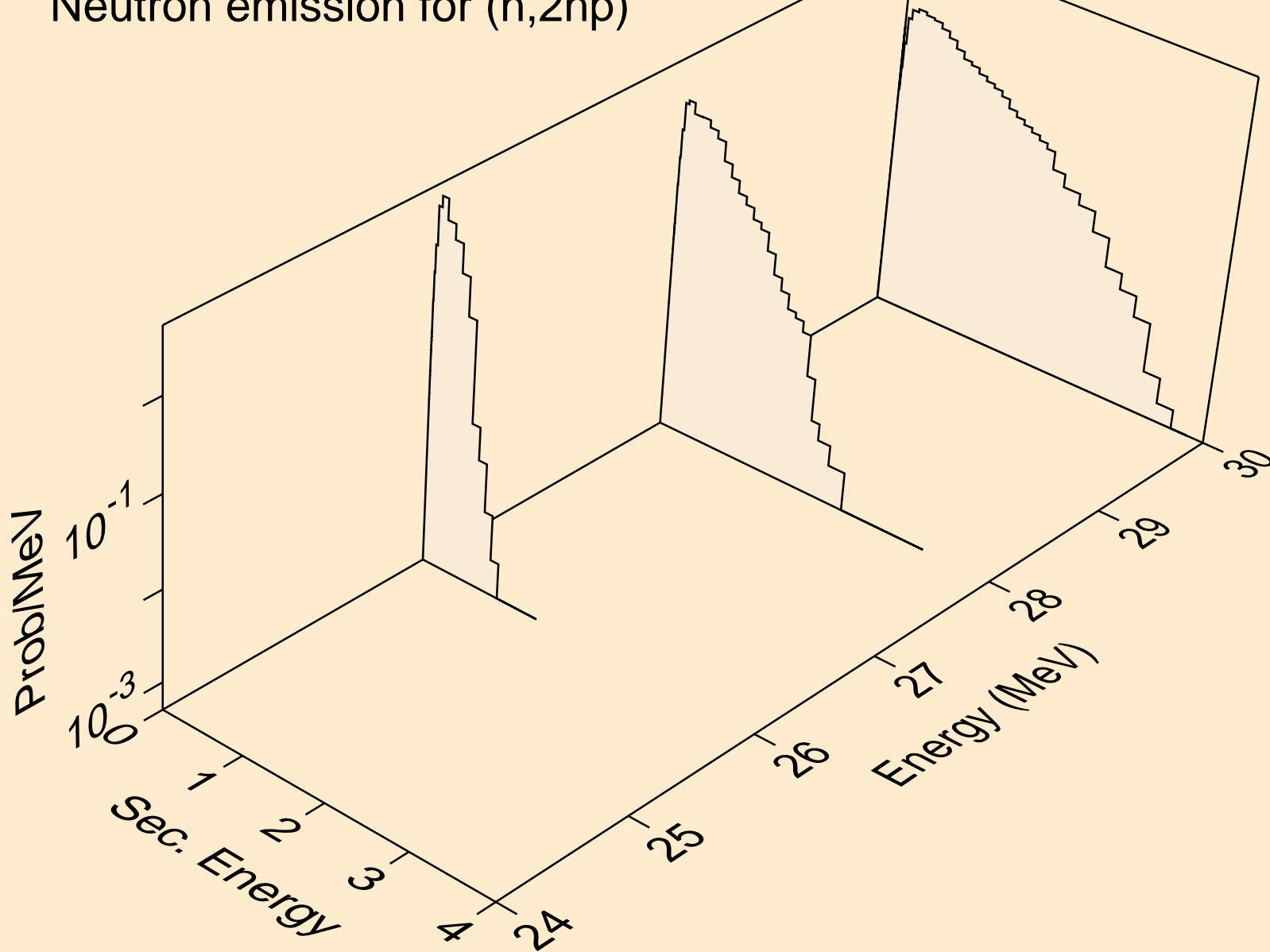
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)t



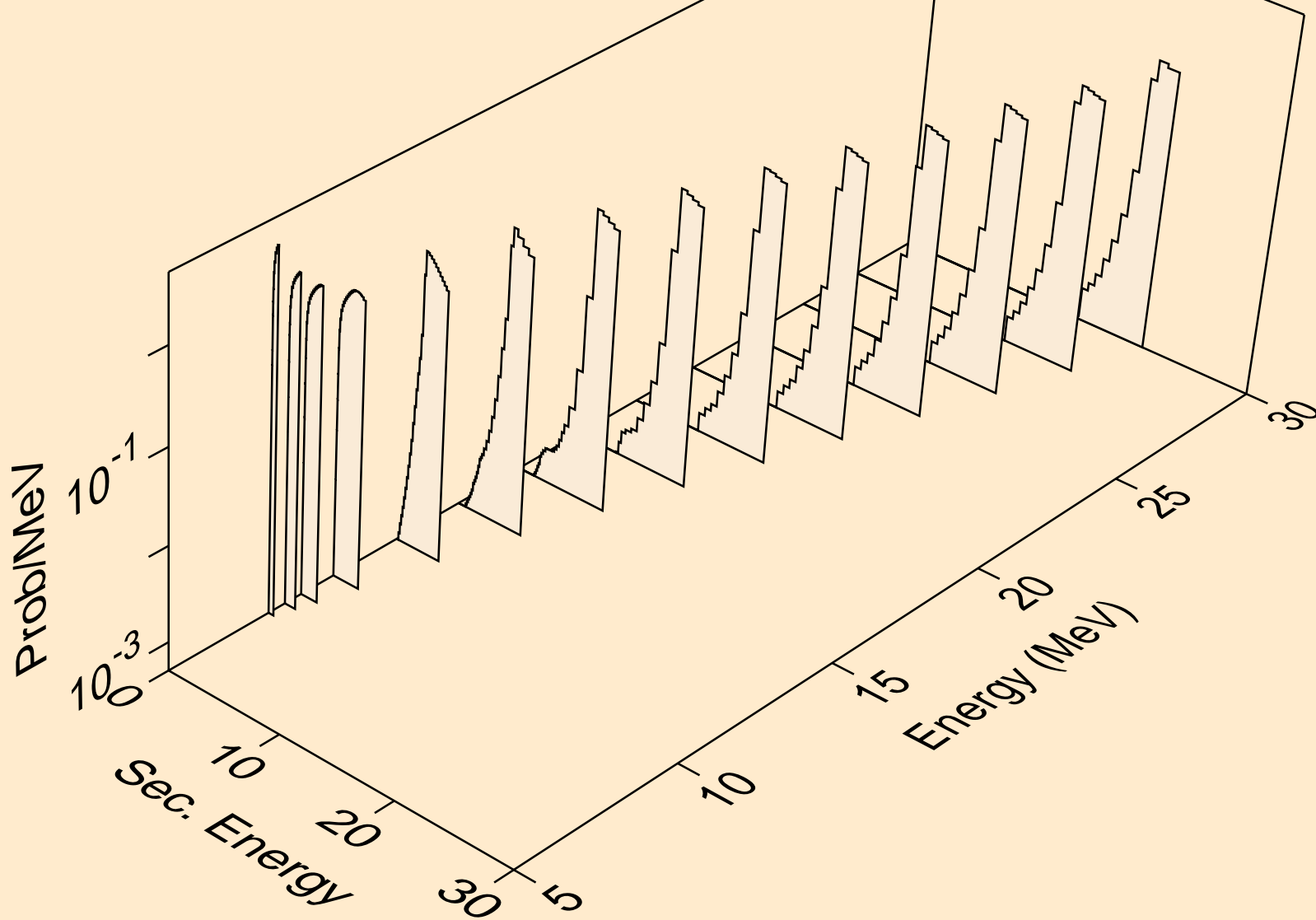
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,4n)



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2np)

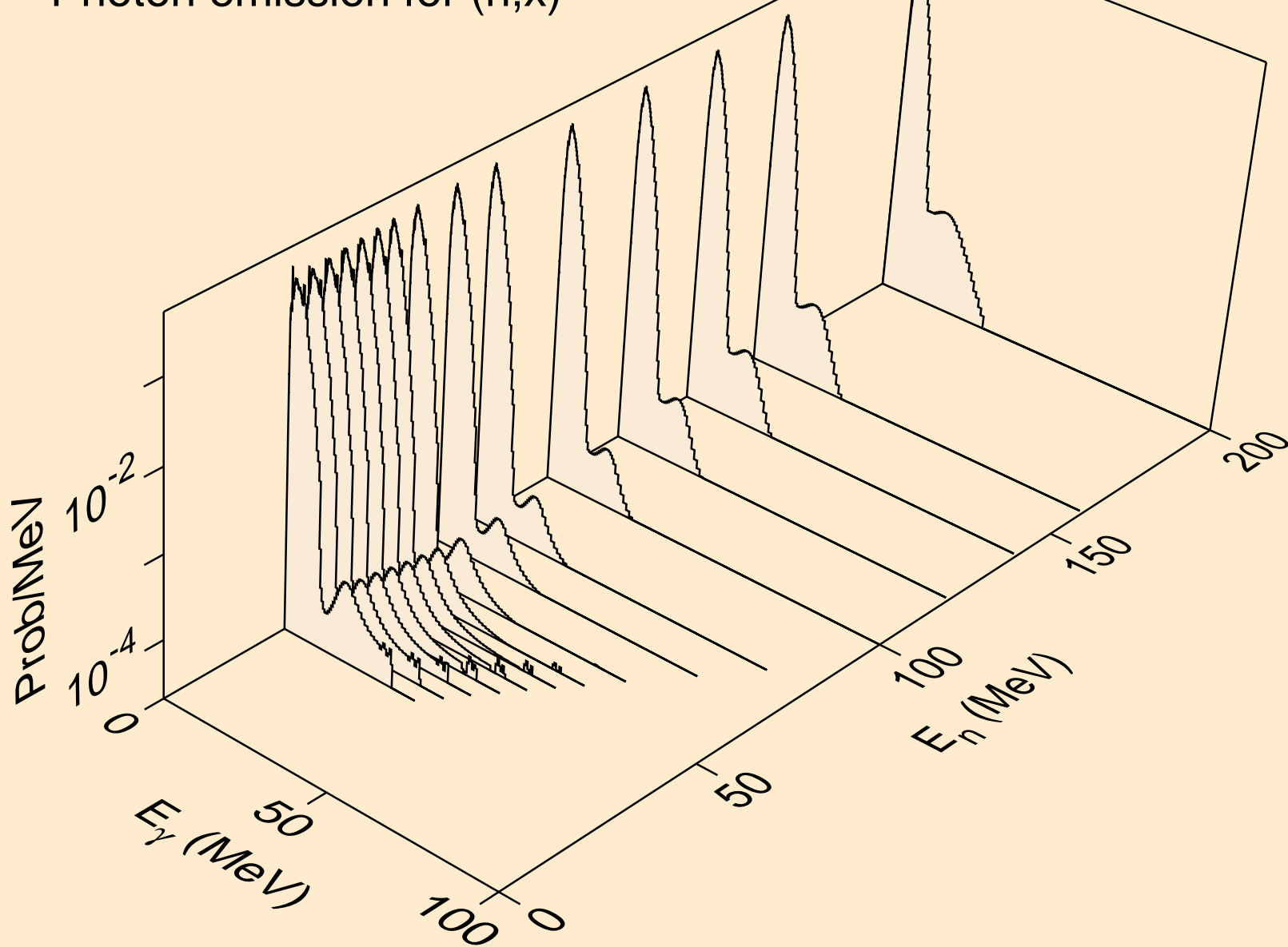


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*c)

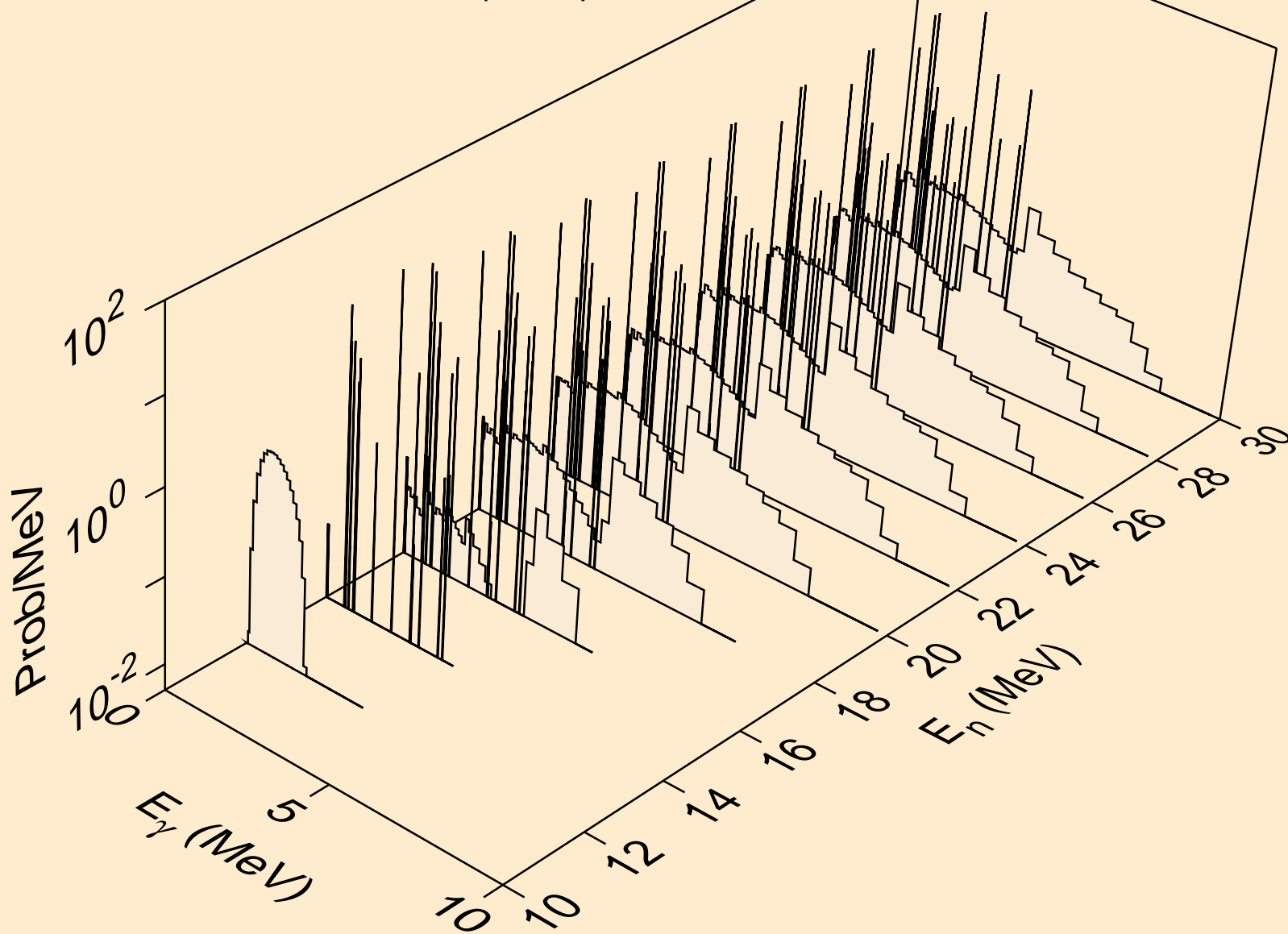




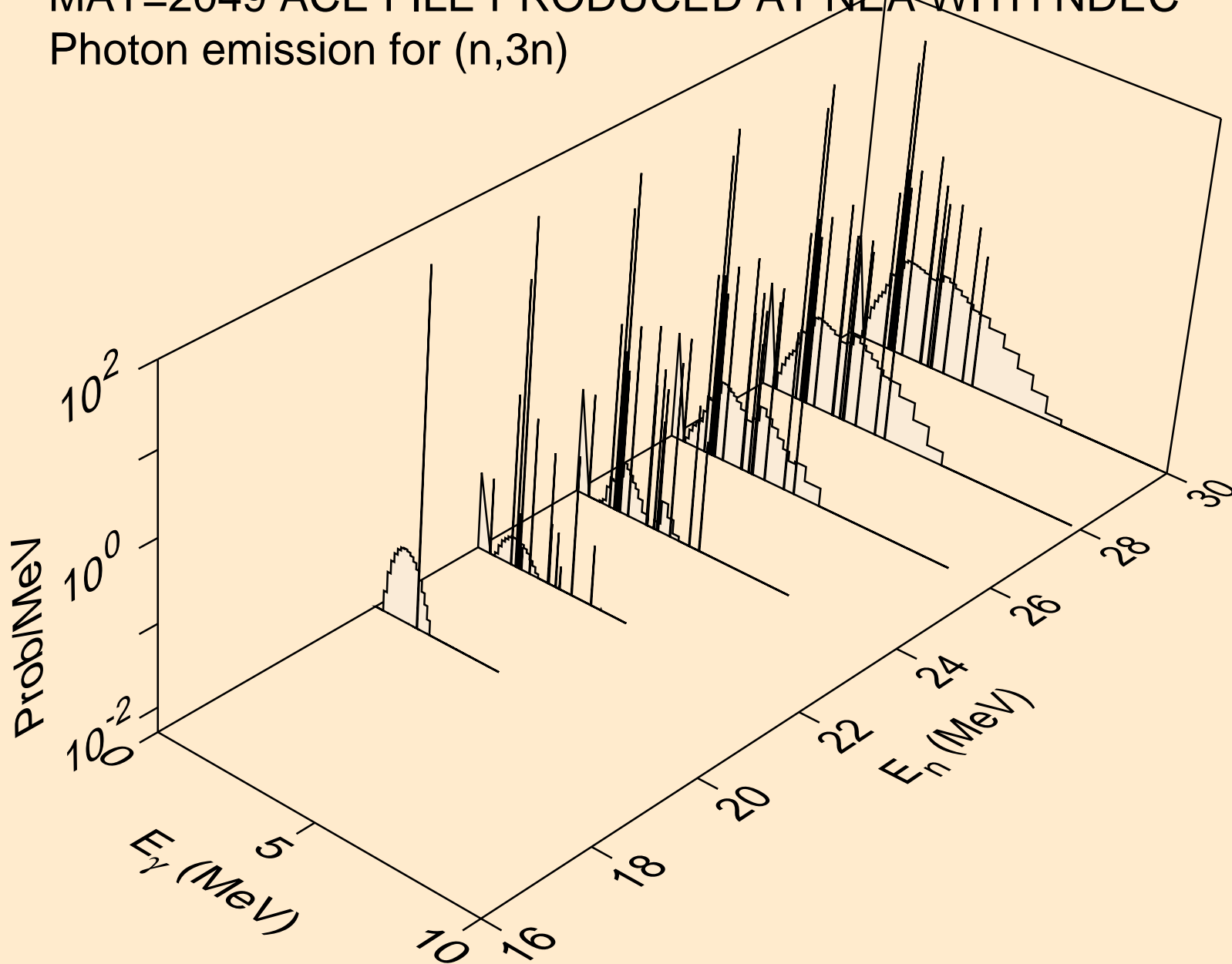
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,x)



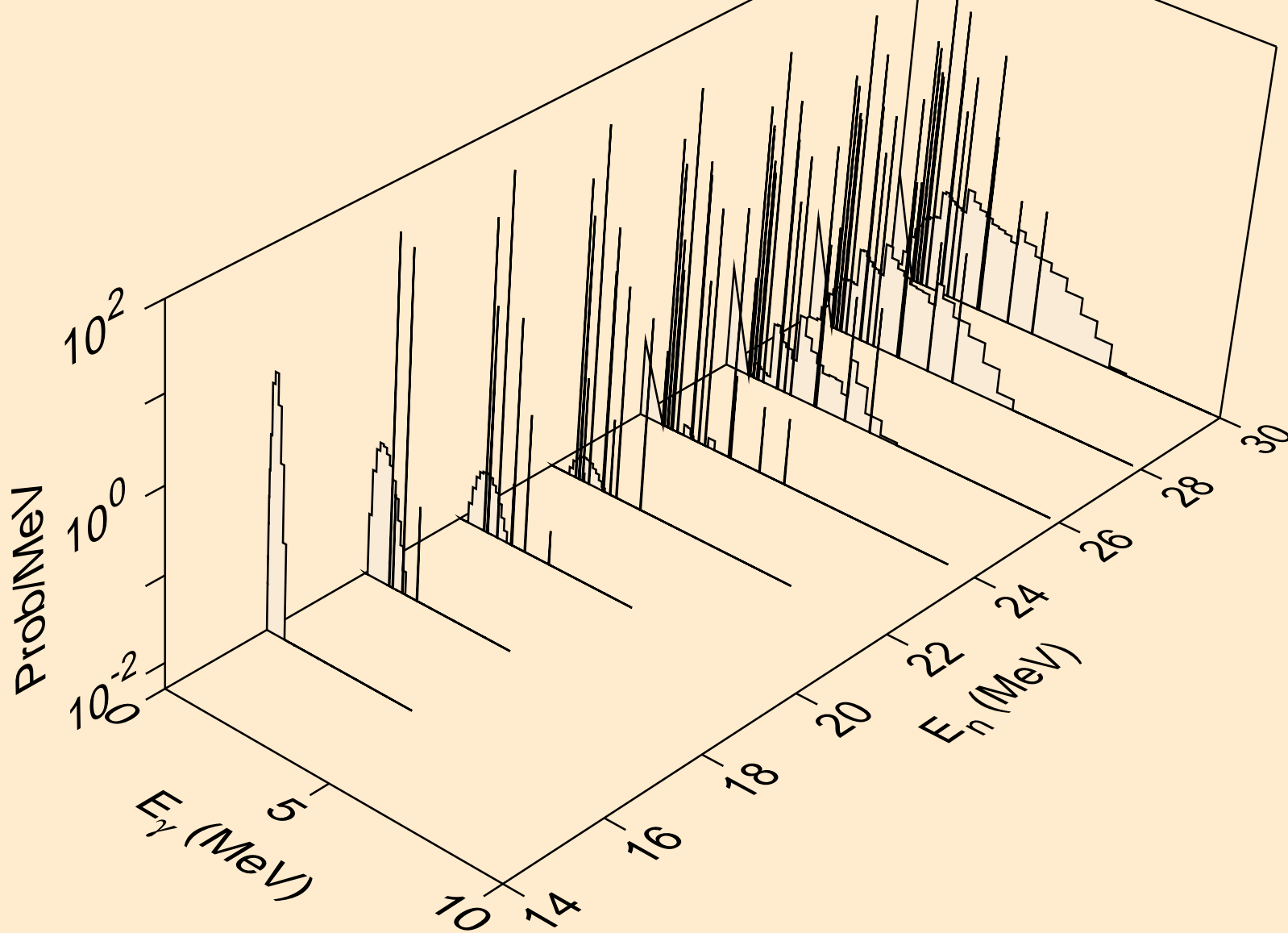
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,2n)



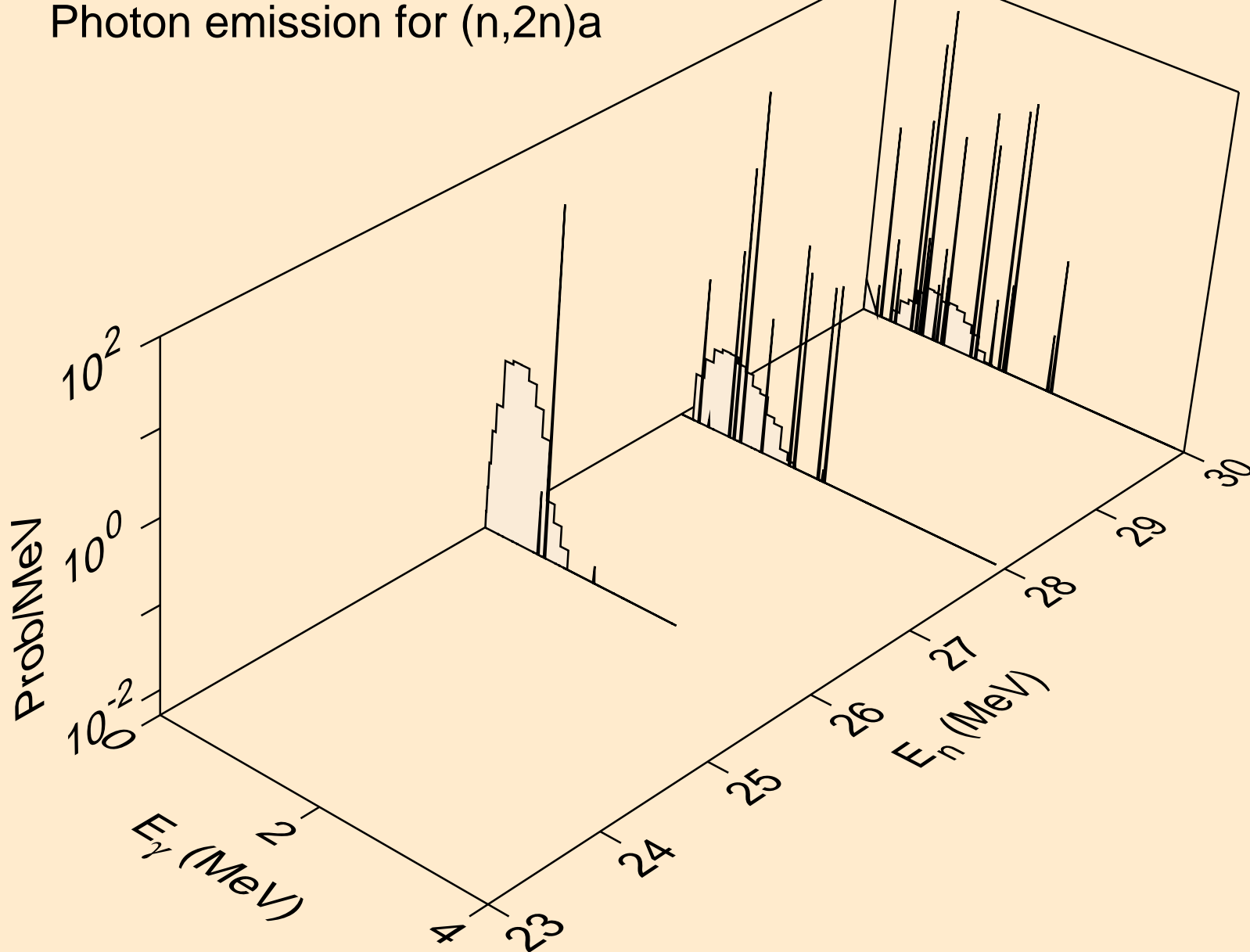
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,3n)



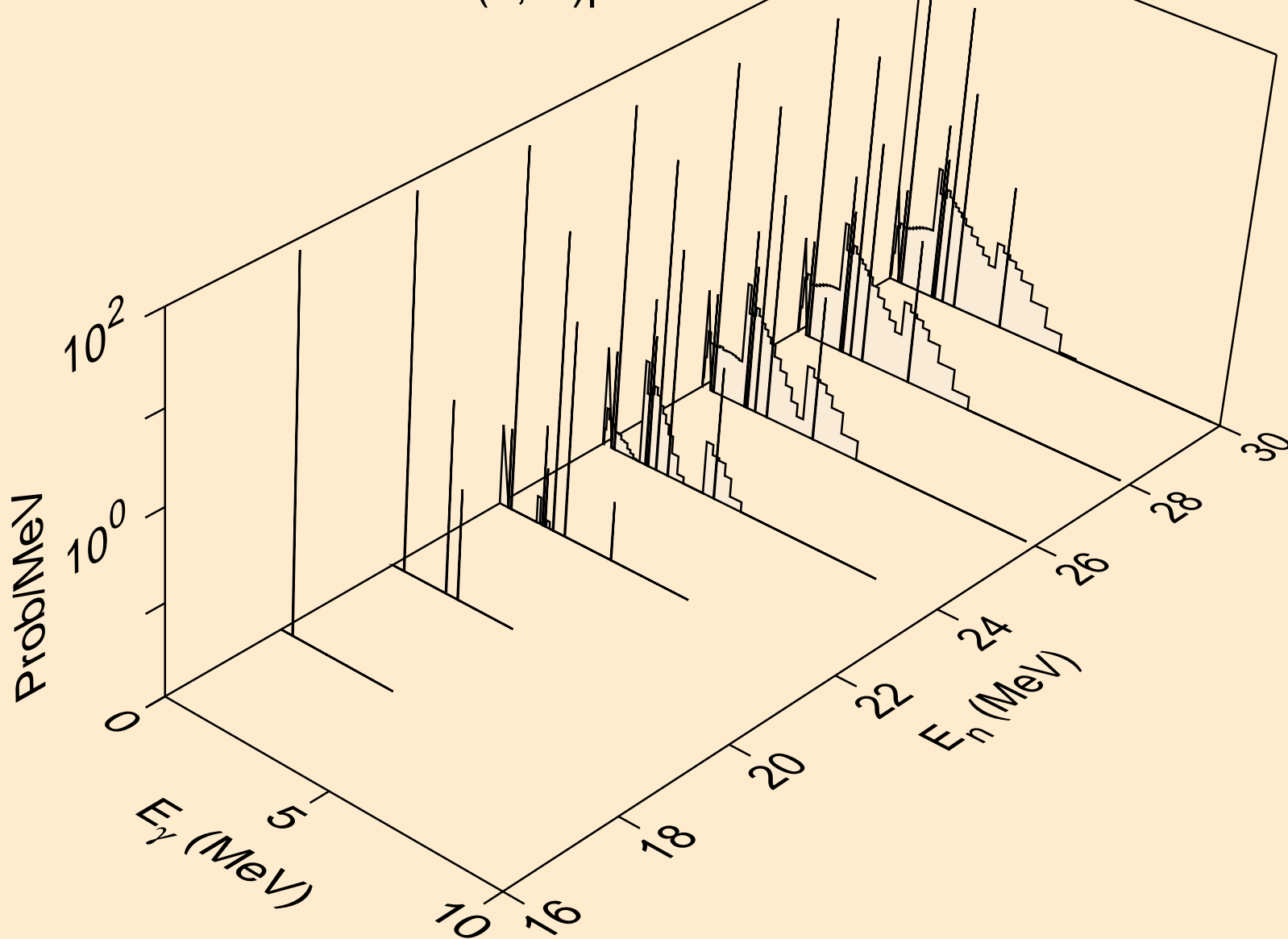
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*)a



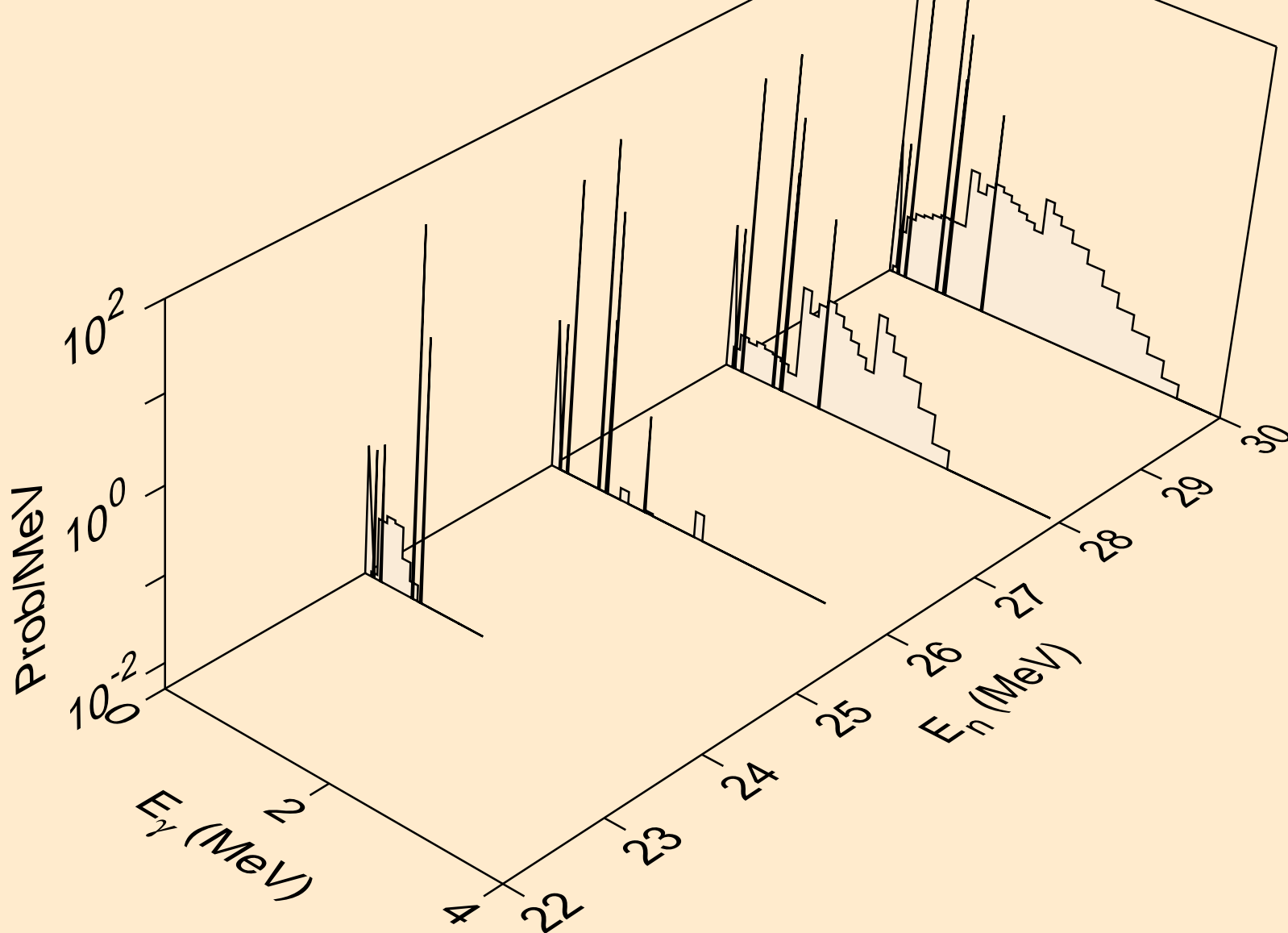
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,2n)a



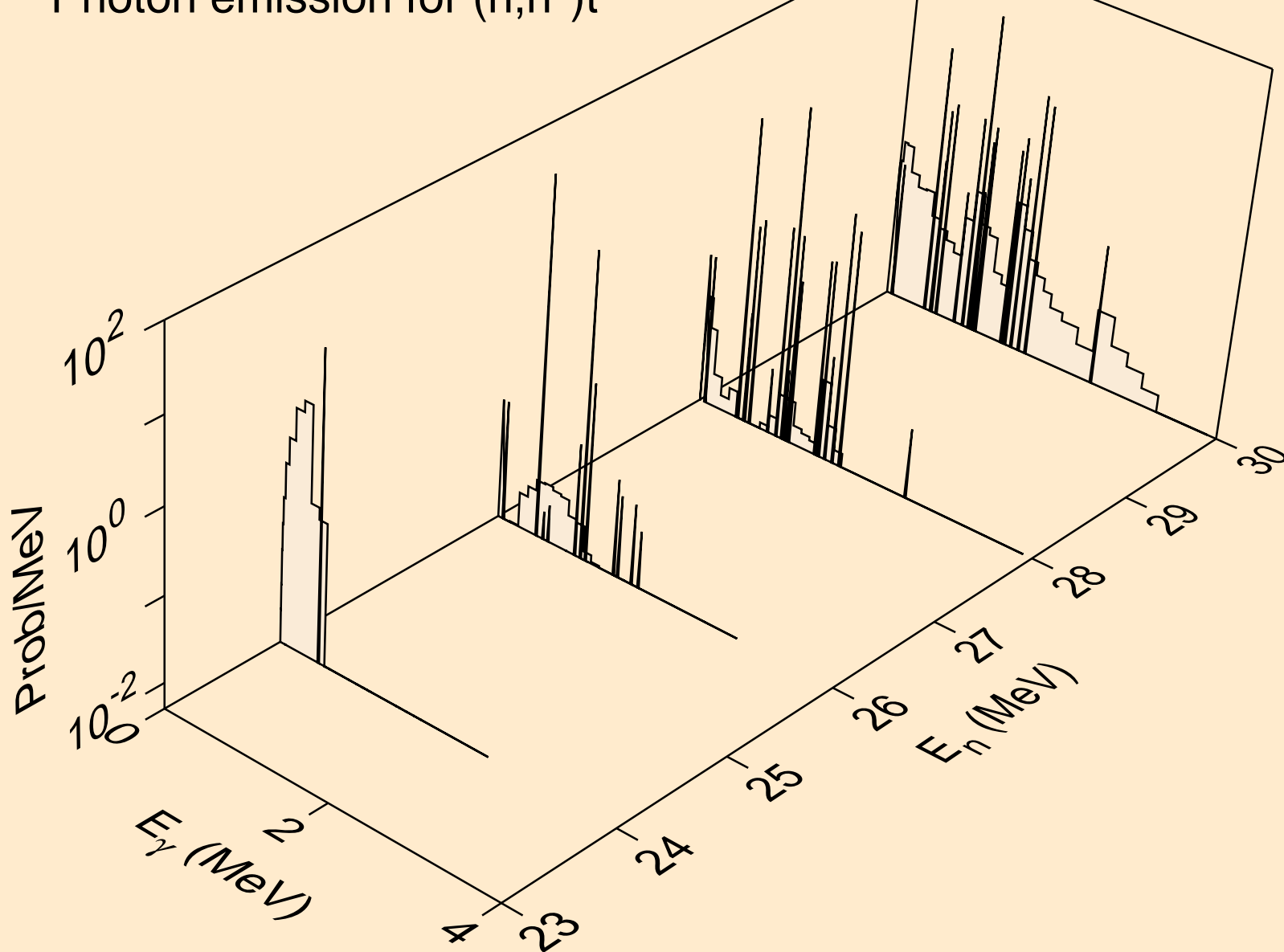
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*)p



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*)d

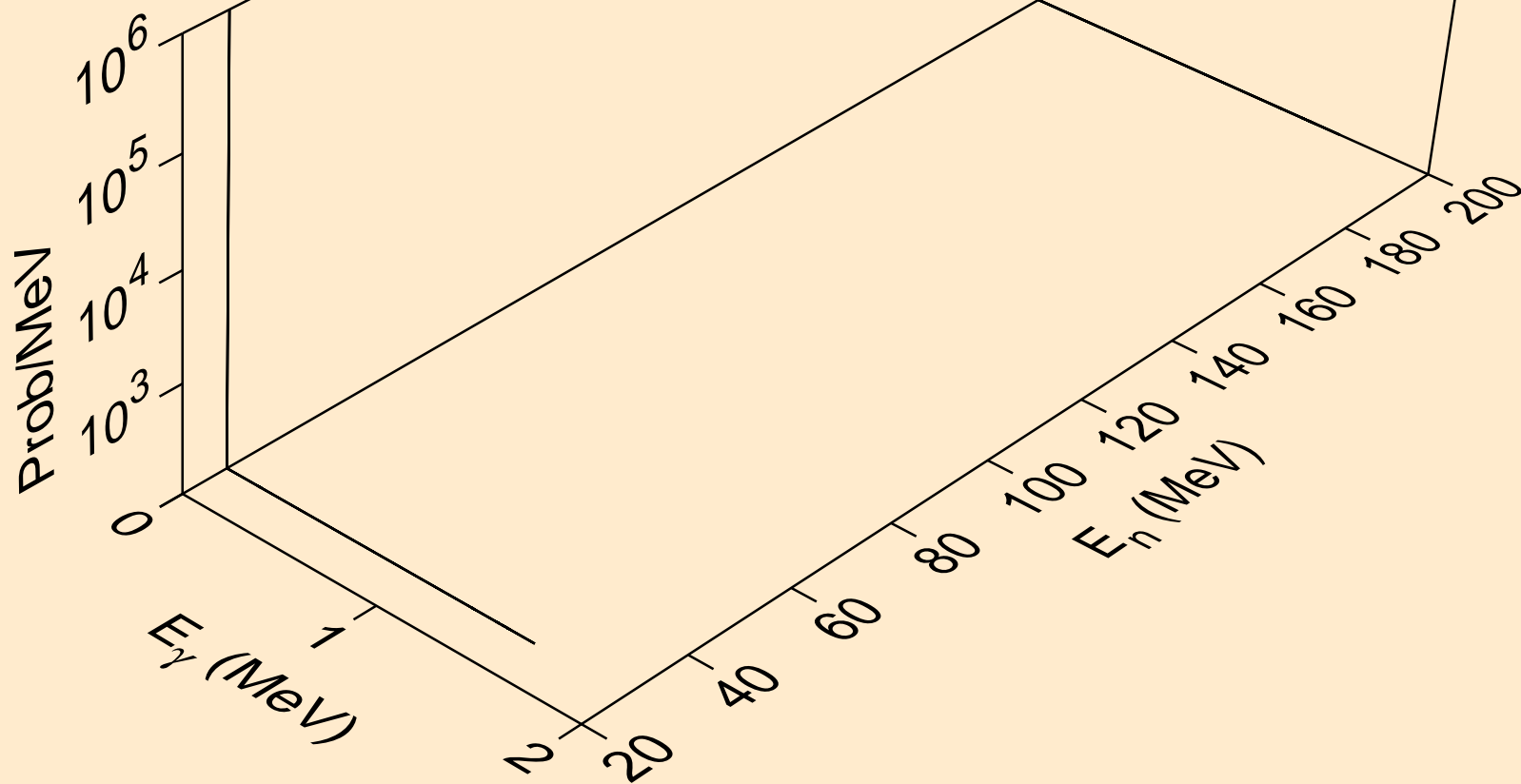


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*)t

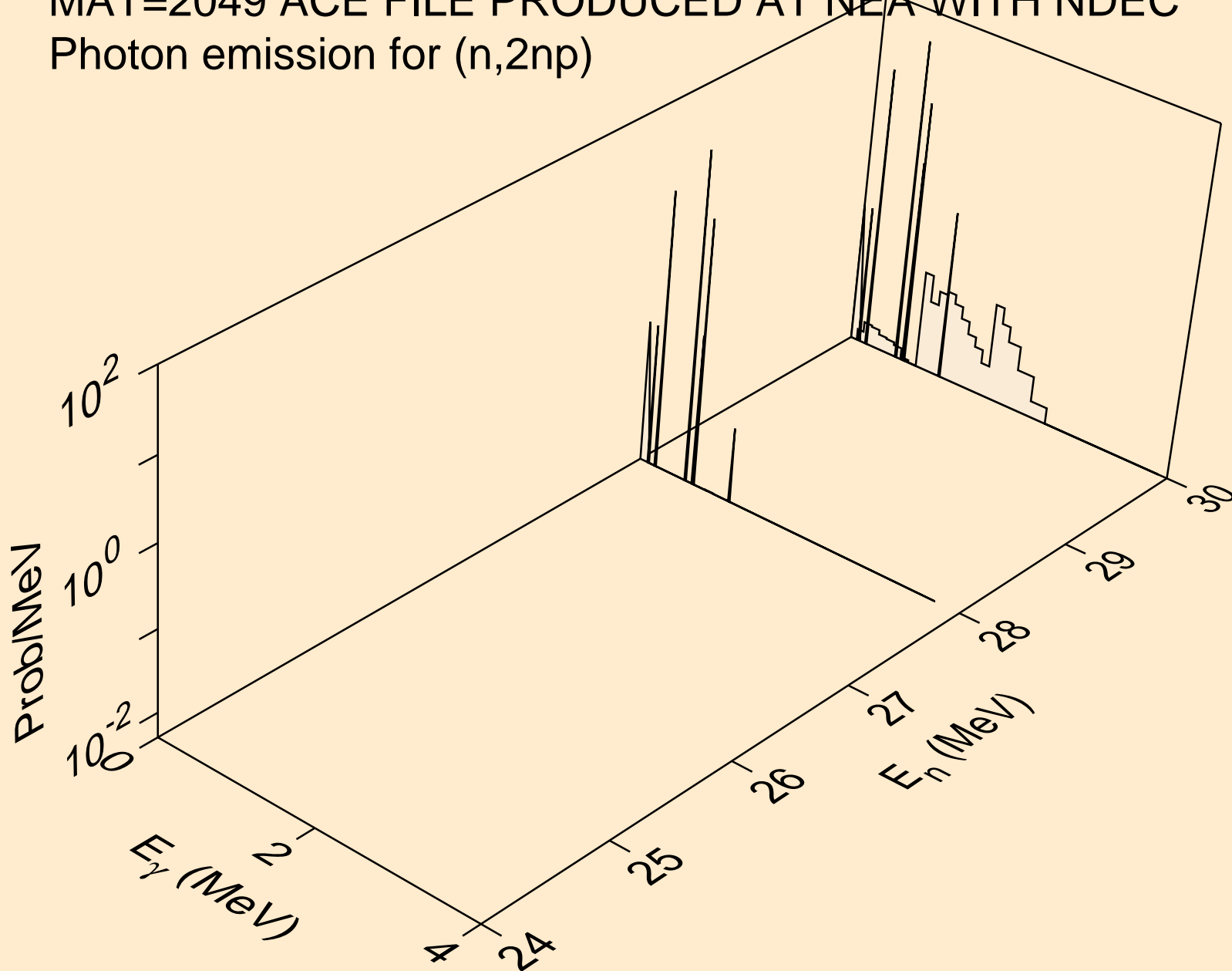




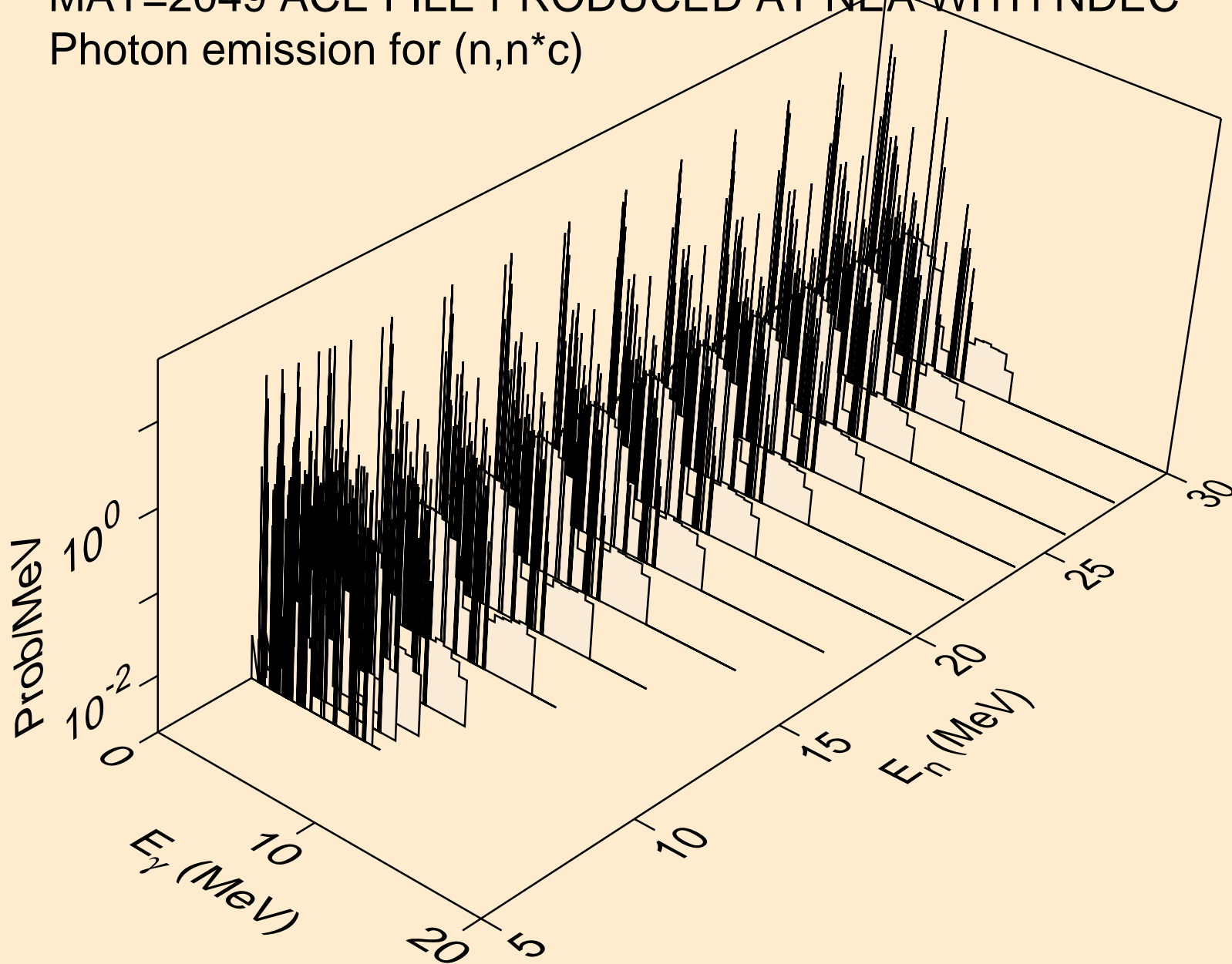
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,4n)



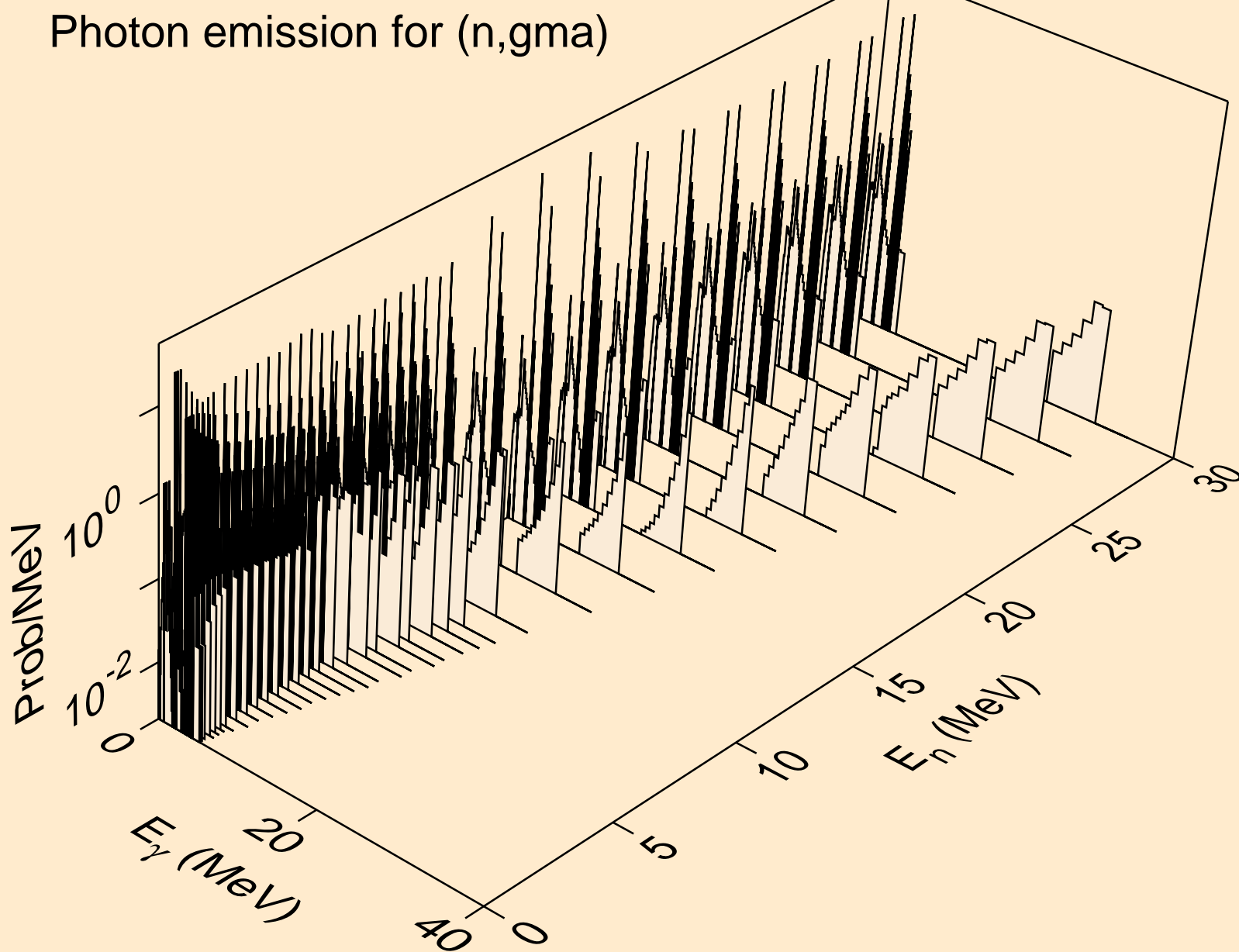
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,2np)



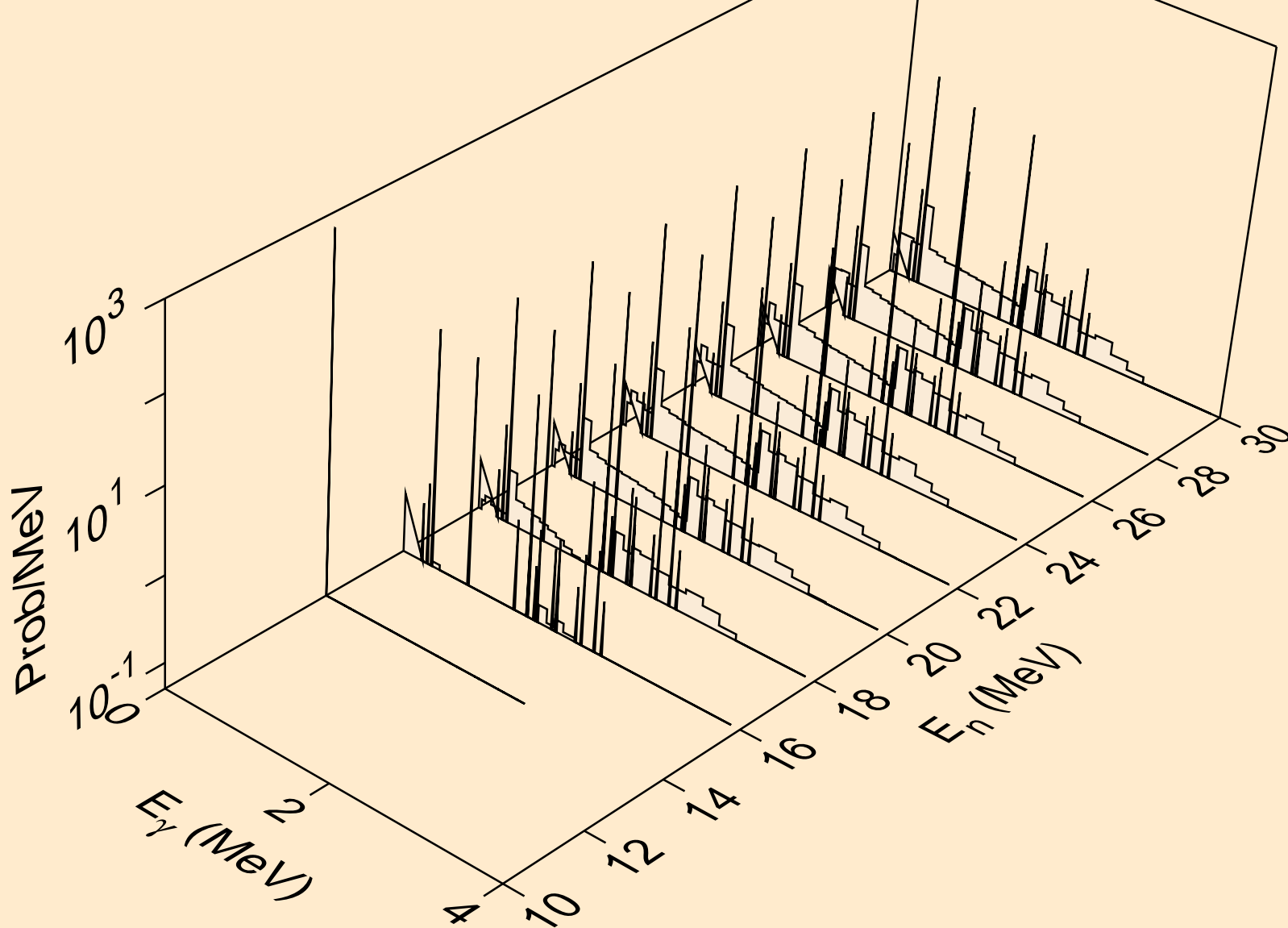
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*c)



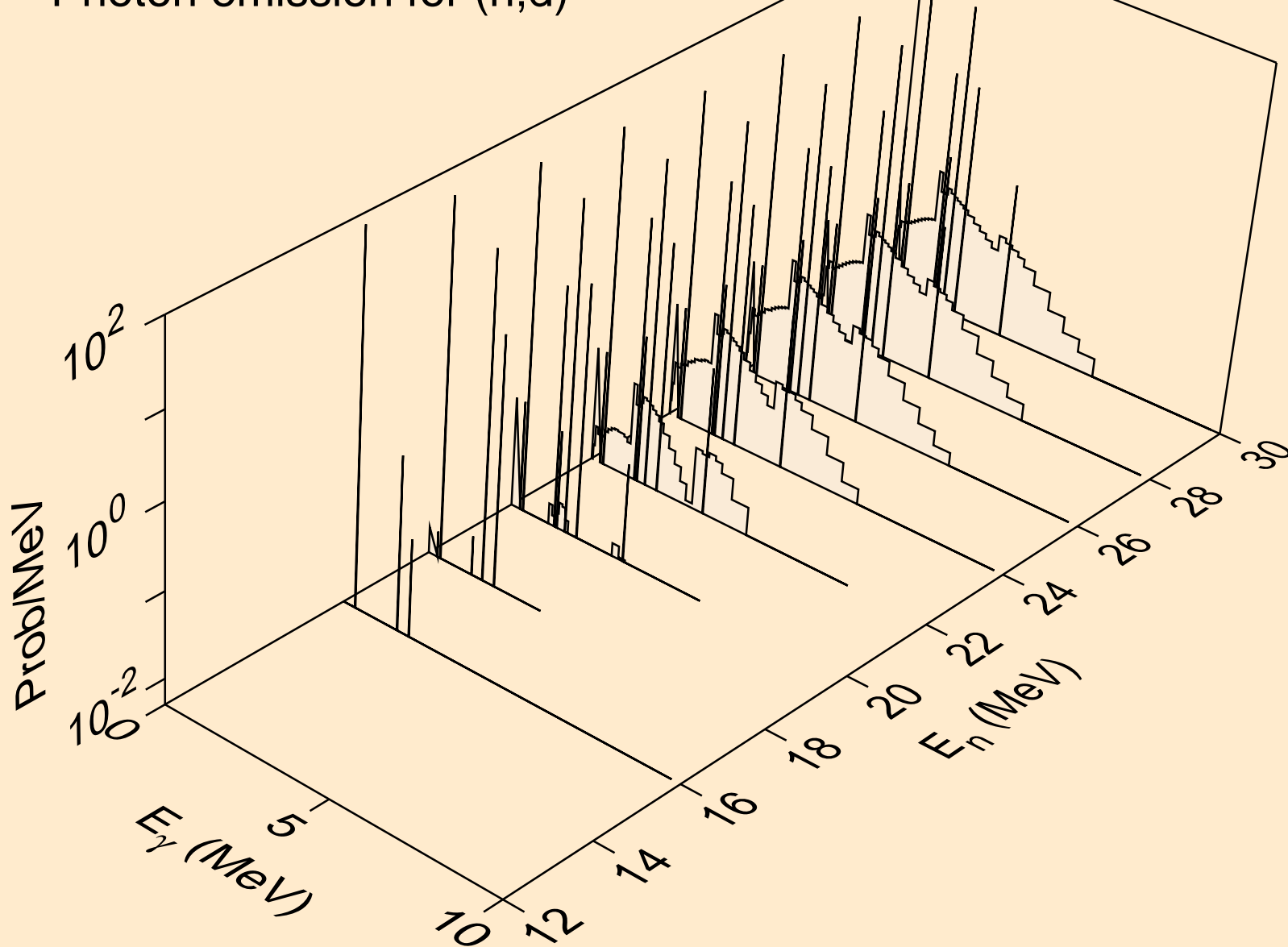
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,gma)



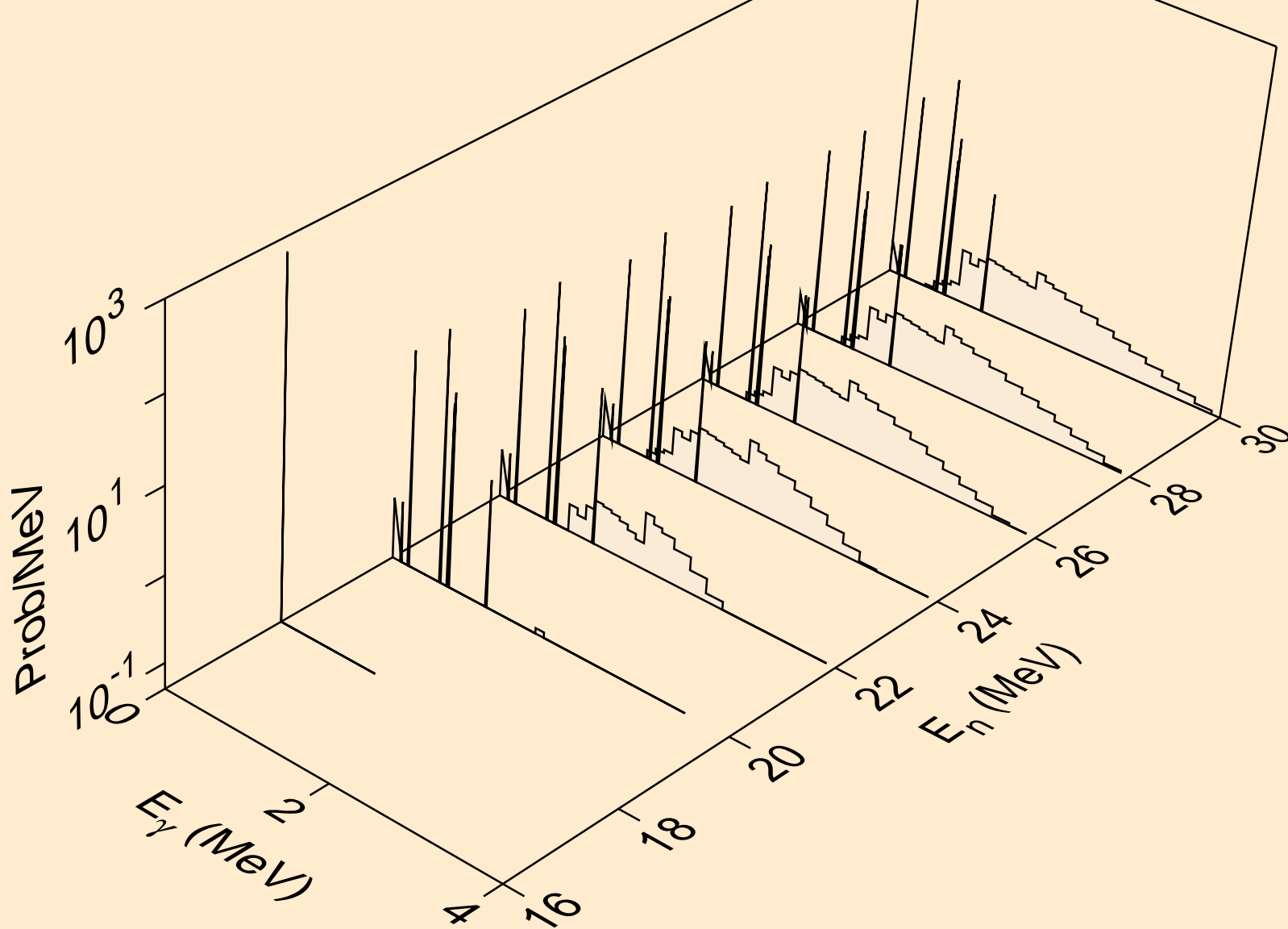
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,p)



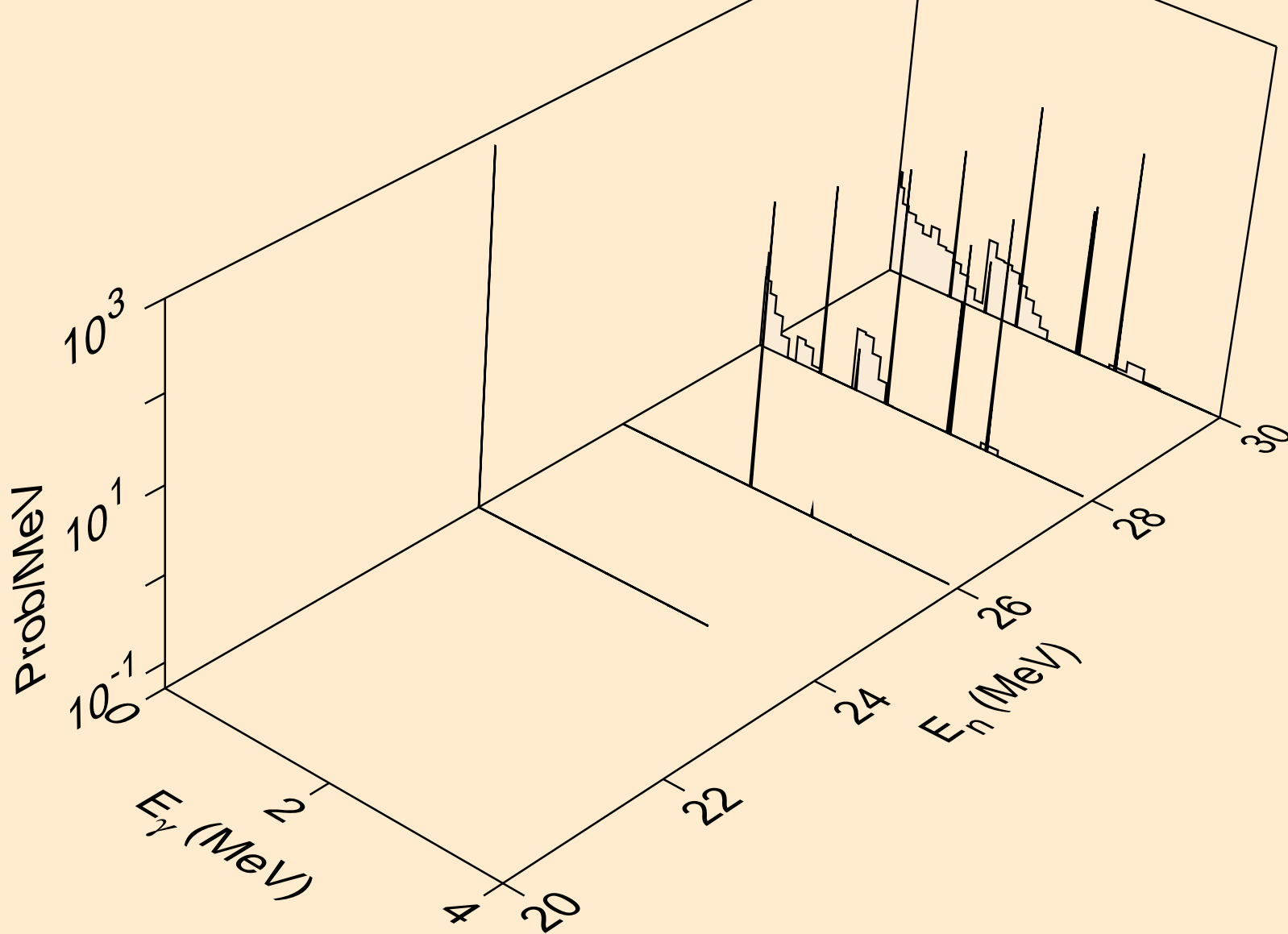
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,d)



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,t)

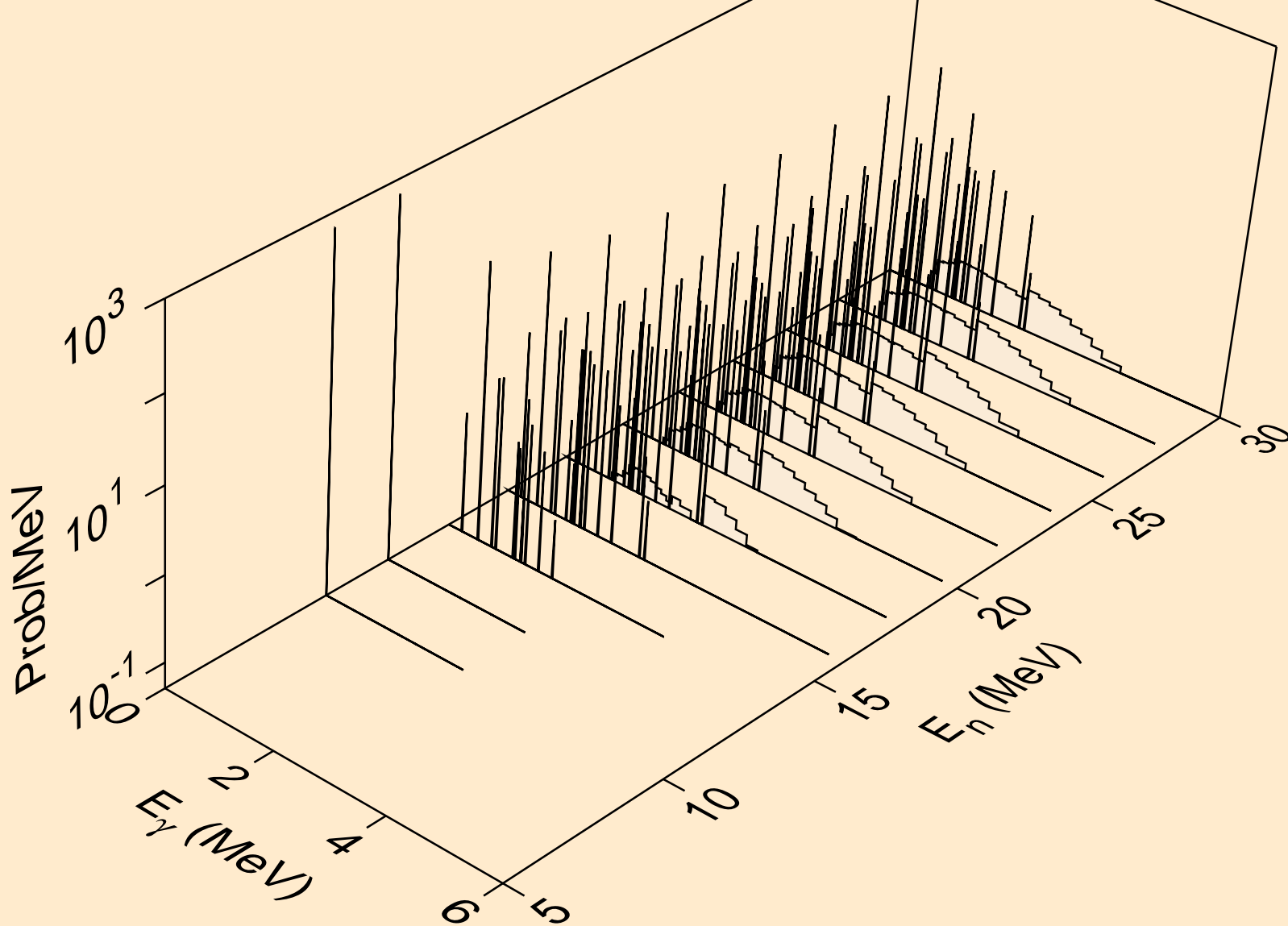


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,he3)

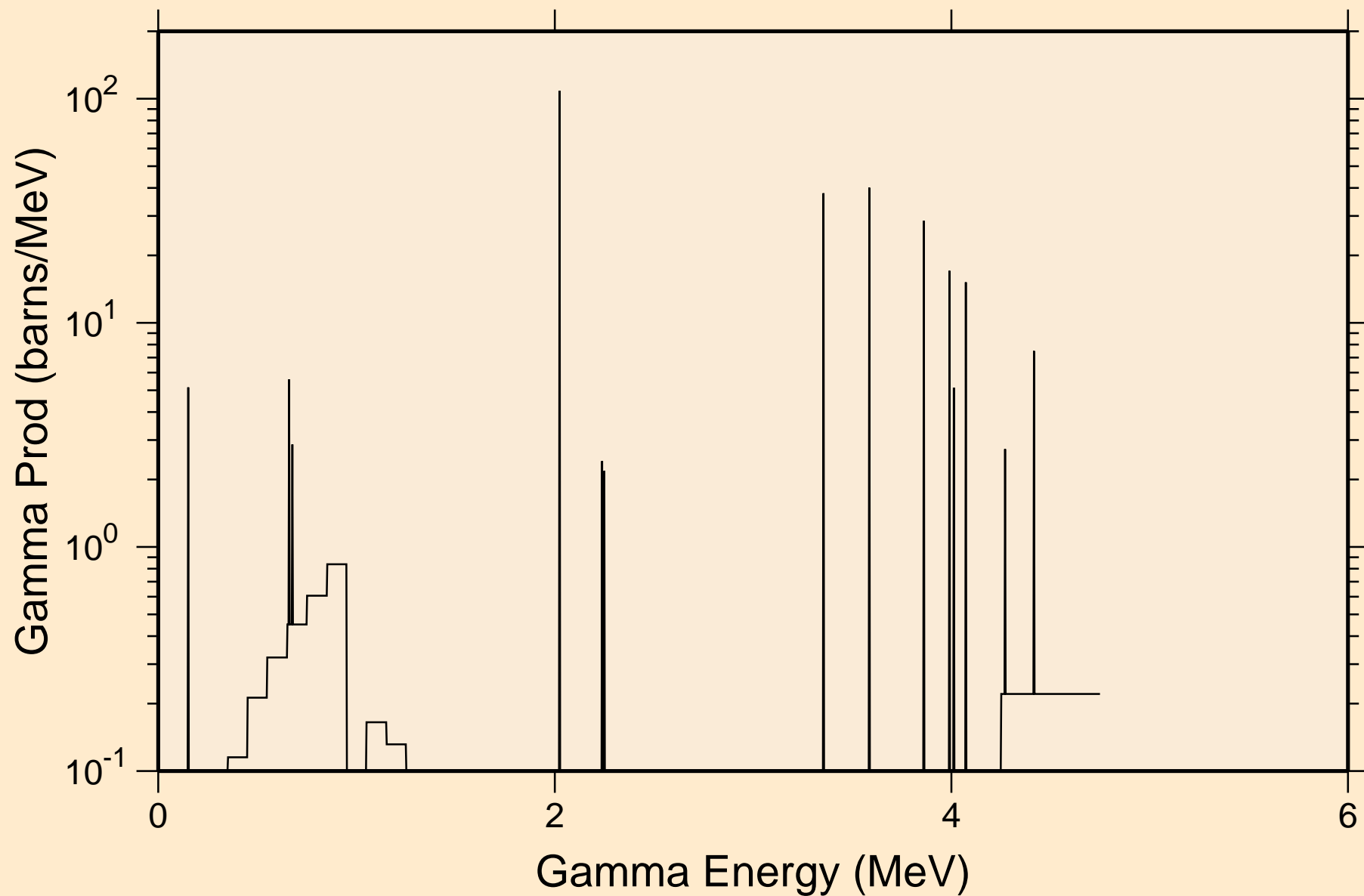




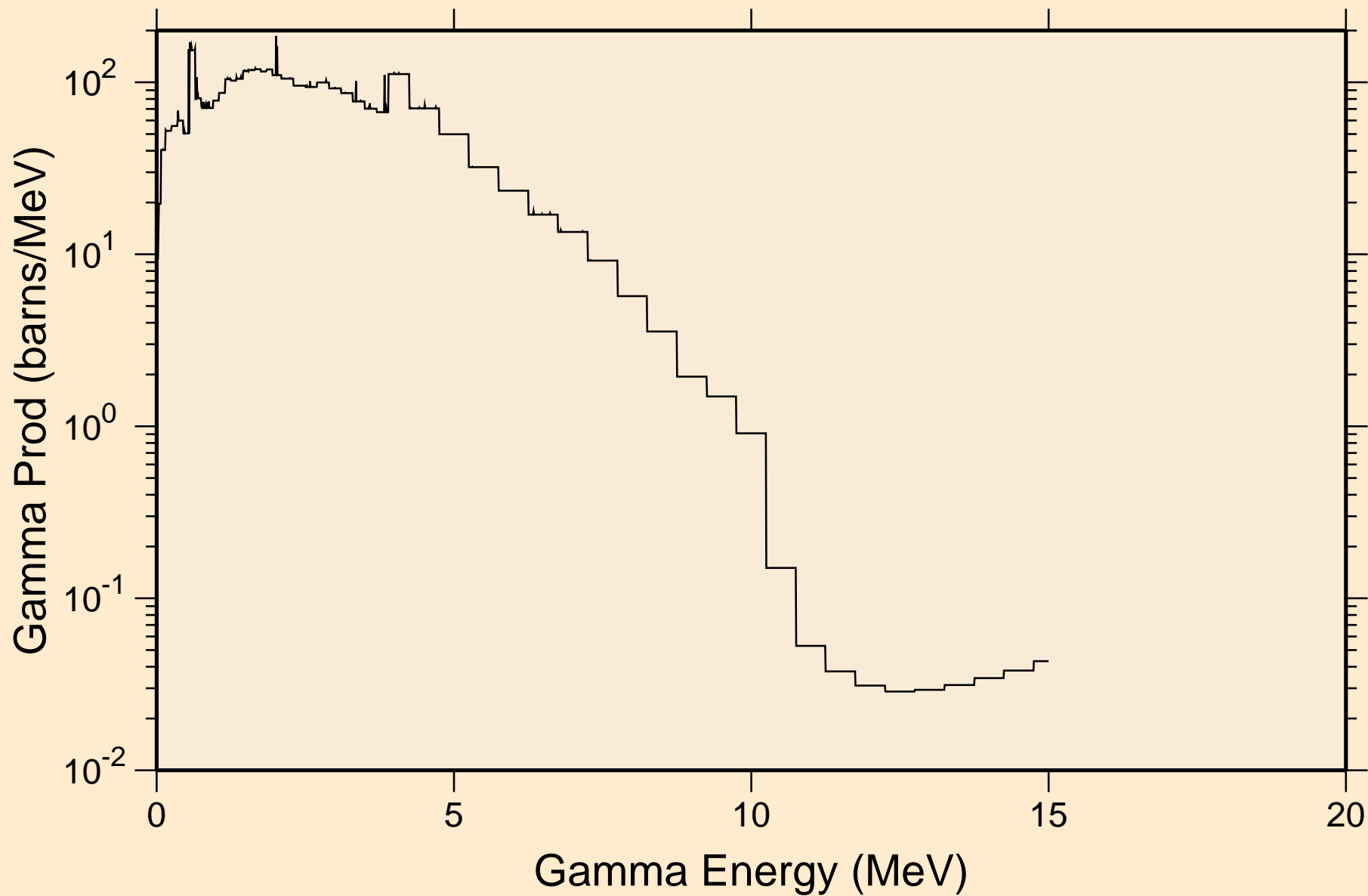
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,a)



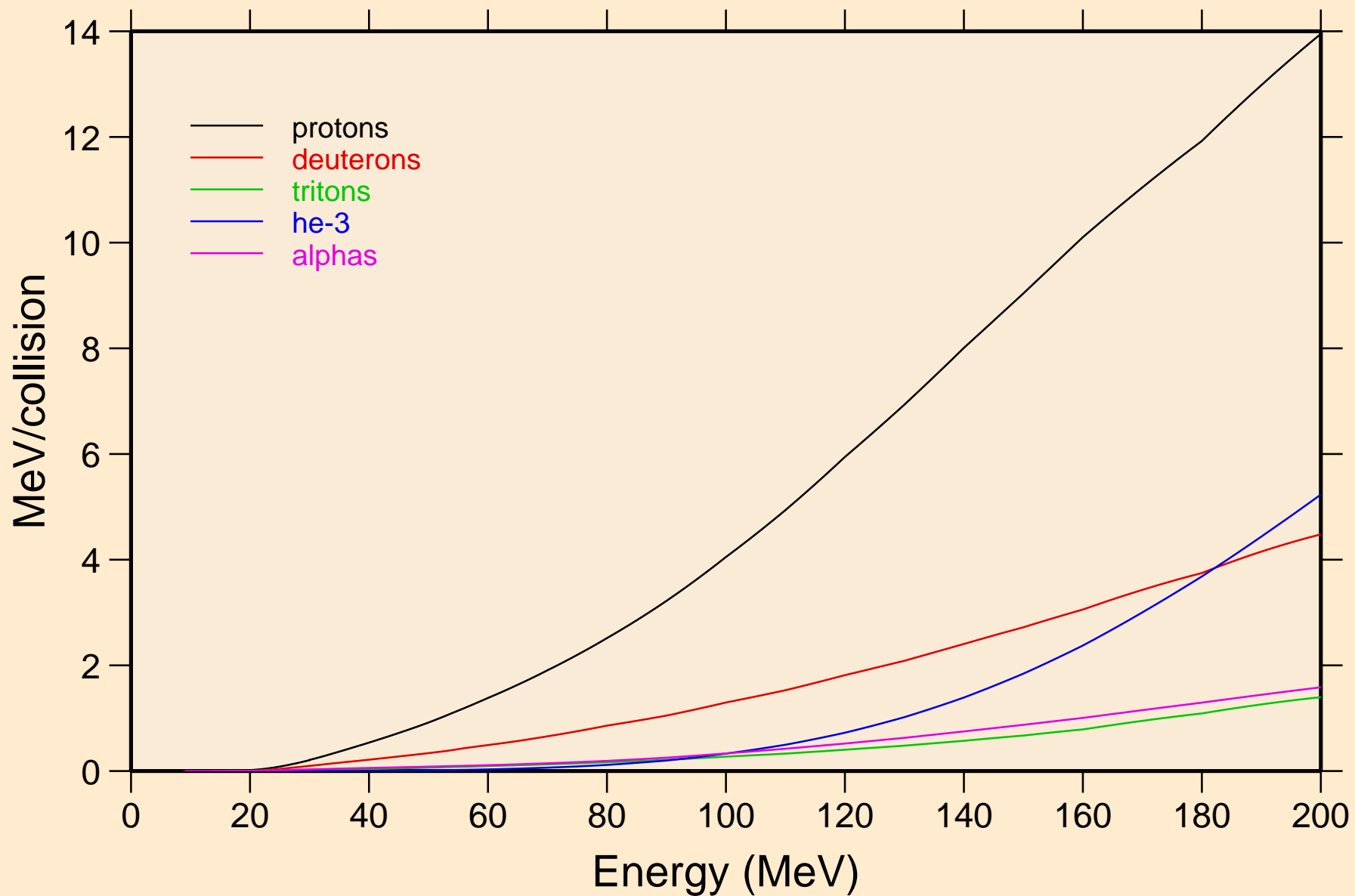
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
thermal capture photon spectrum



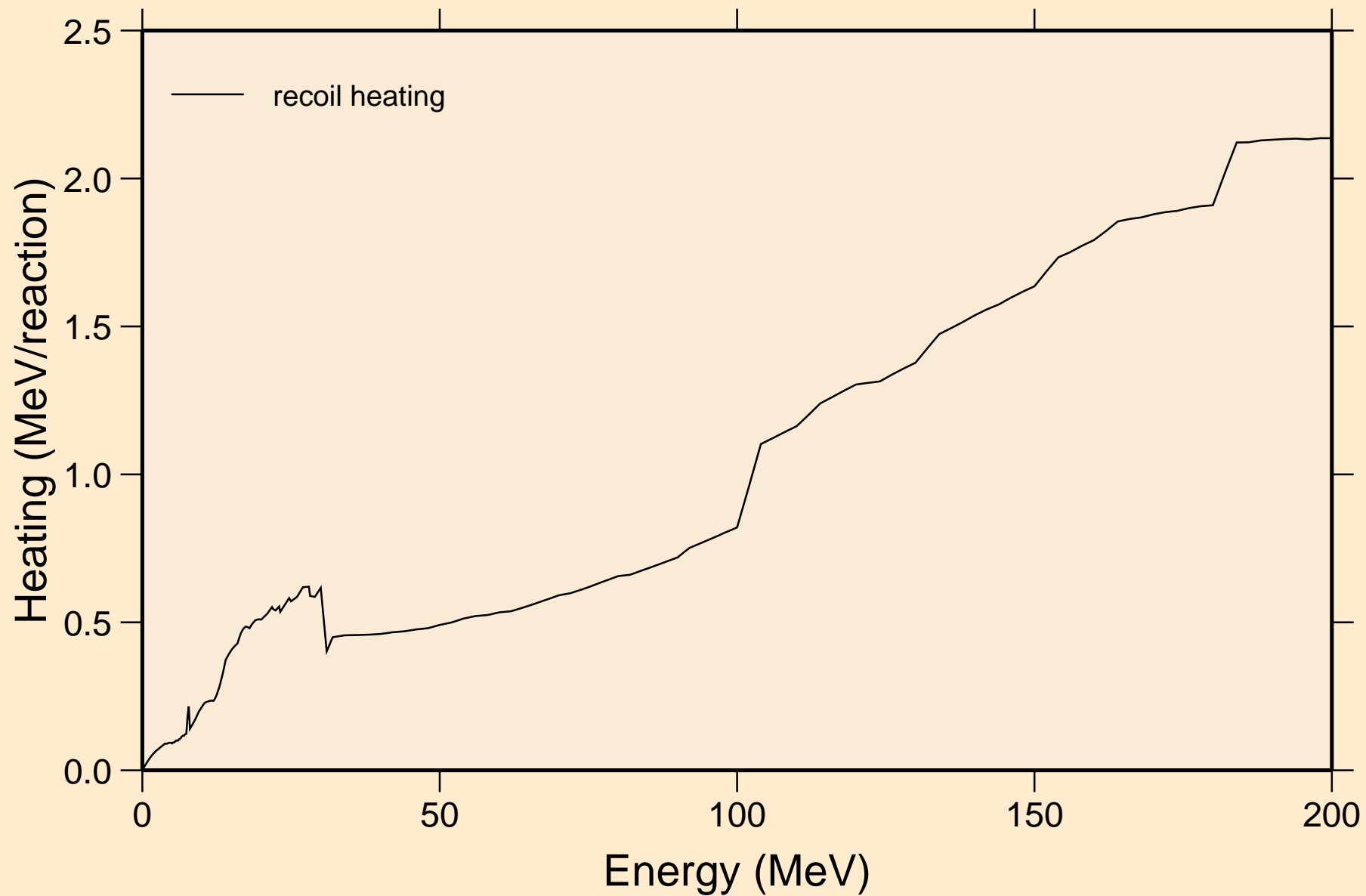
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
14 MeV photon spectrum



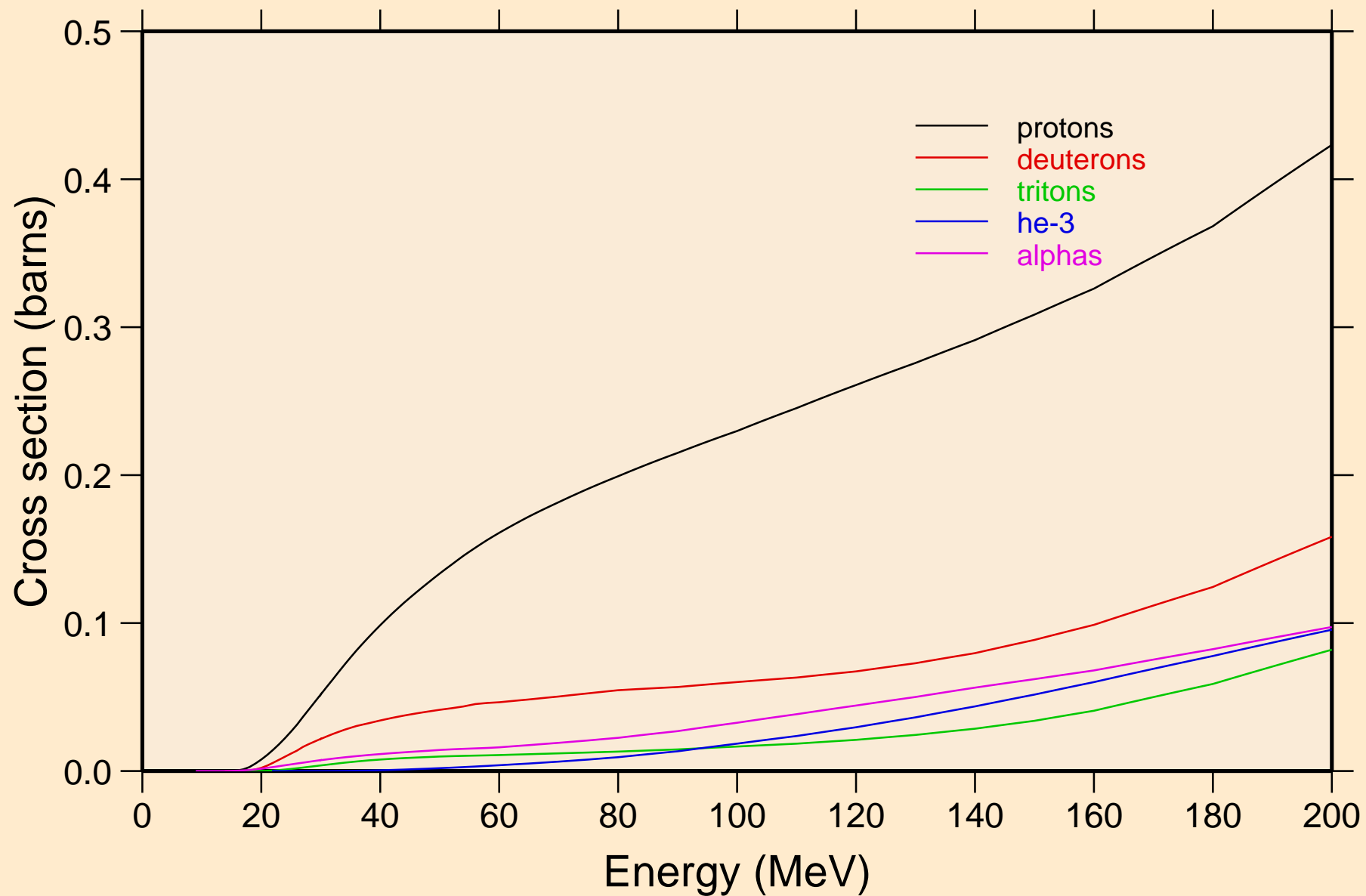
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Particle heating contributions



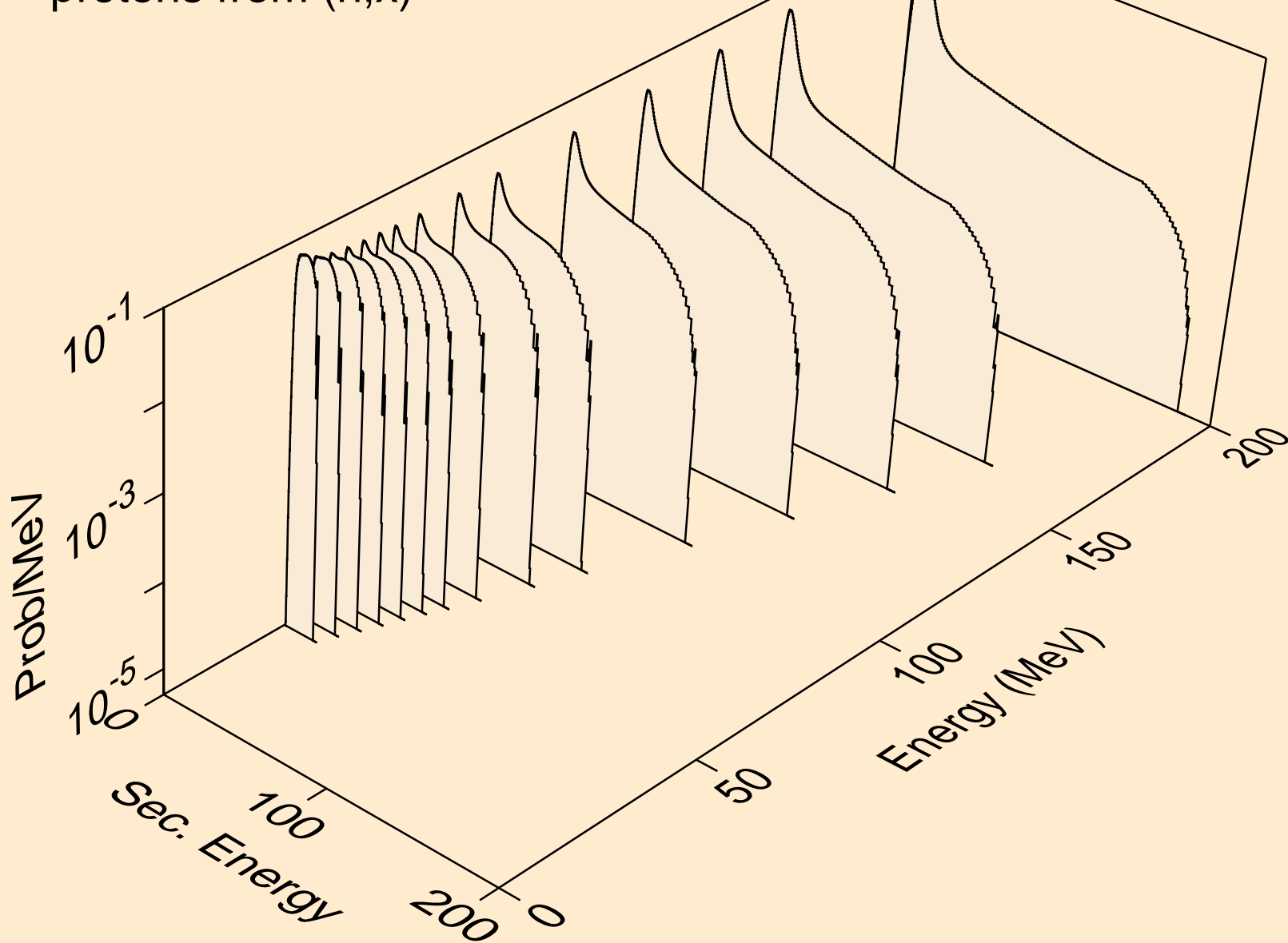
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Recoil Heating



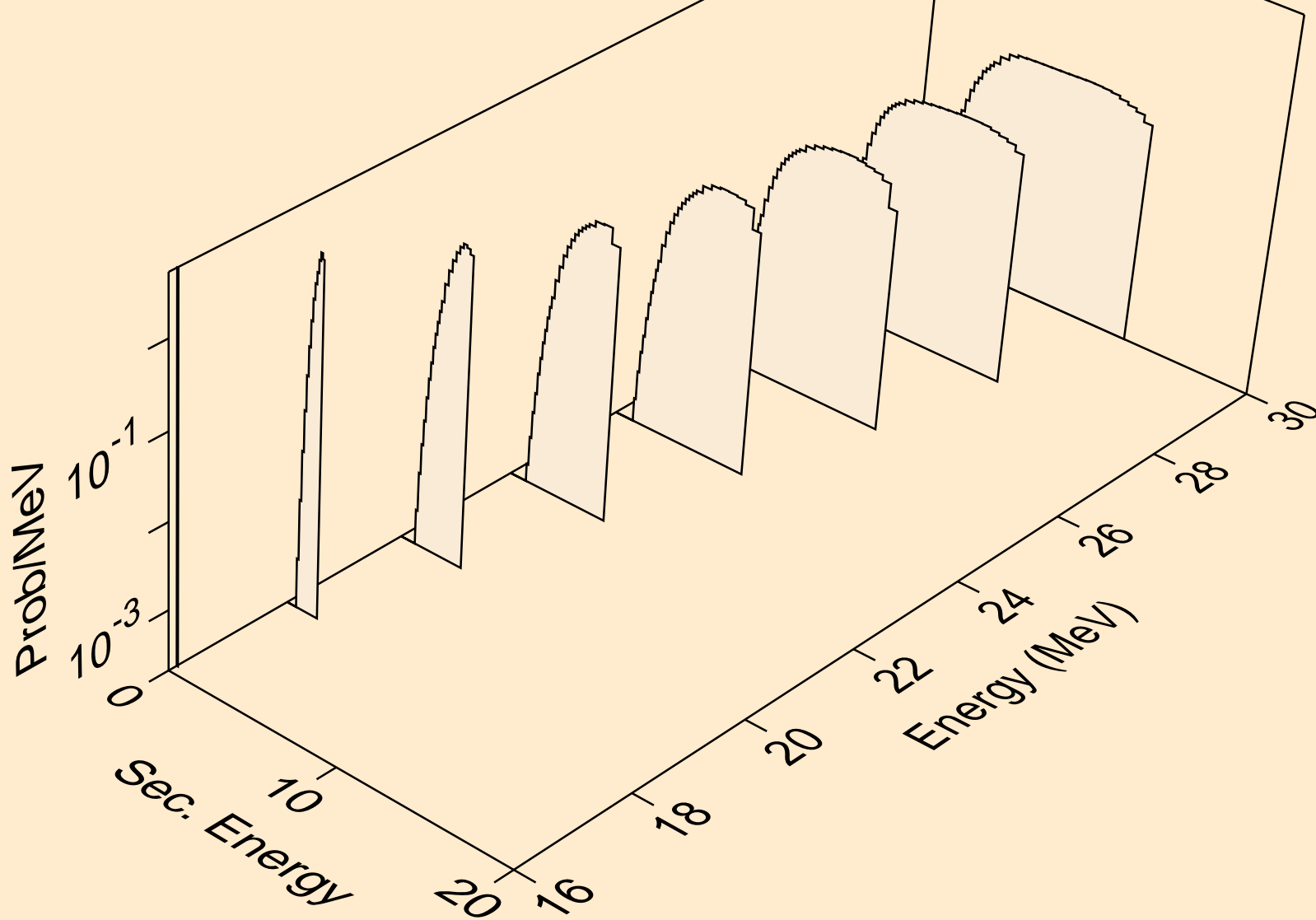
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
Particle production cross sections



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
protons from (n,x)

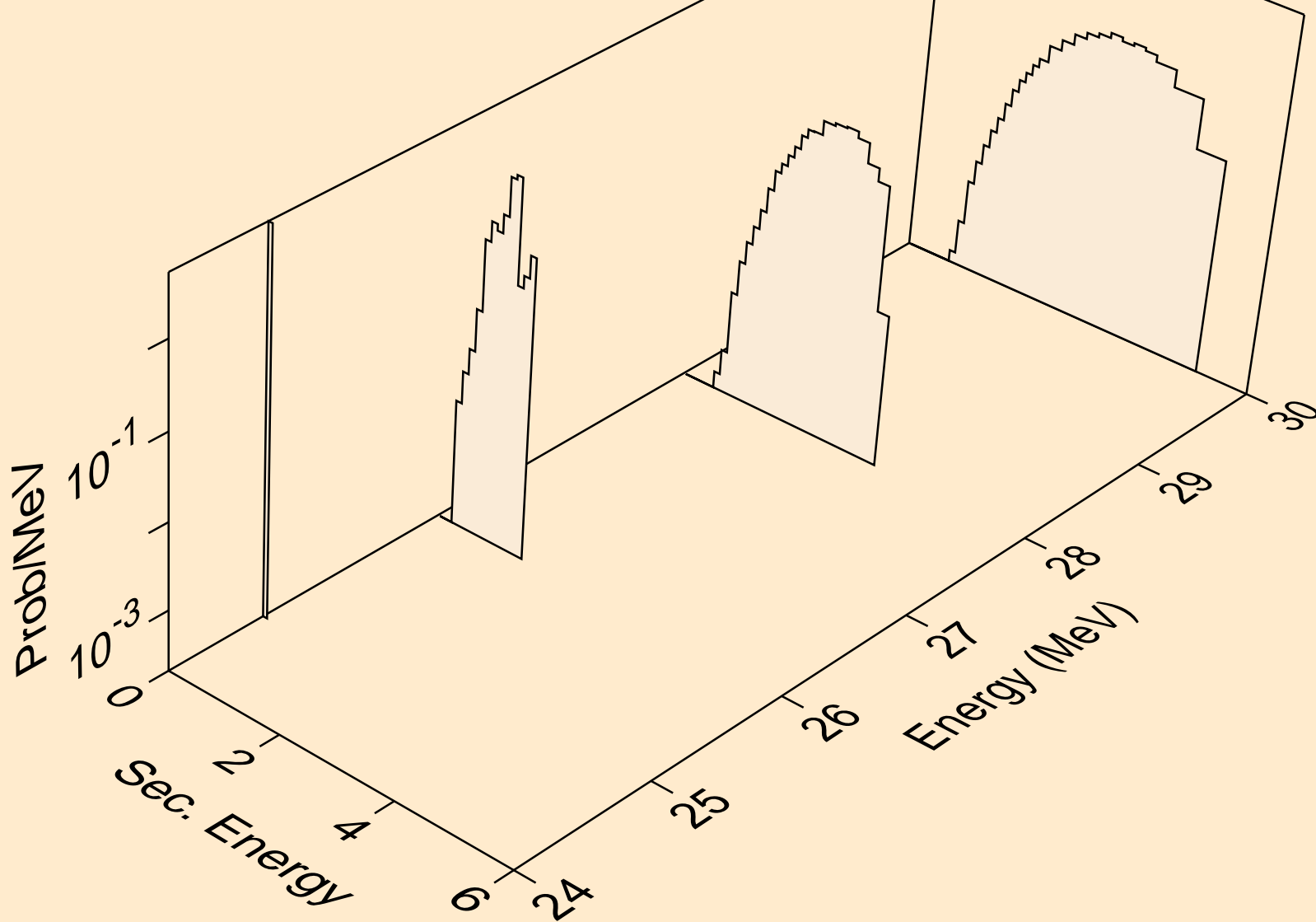


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
protons from (n,n\*)p

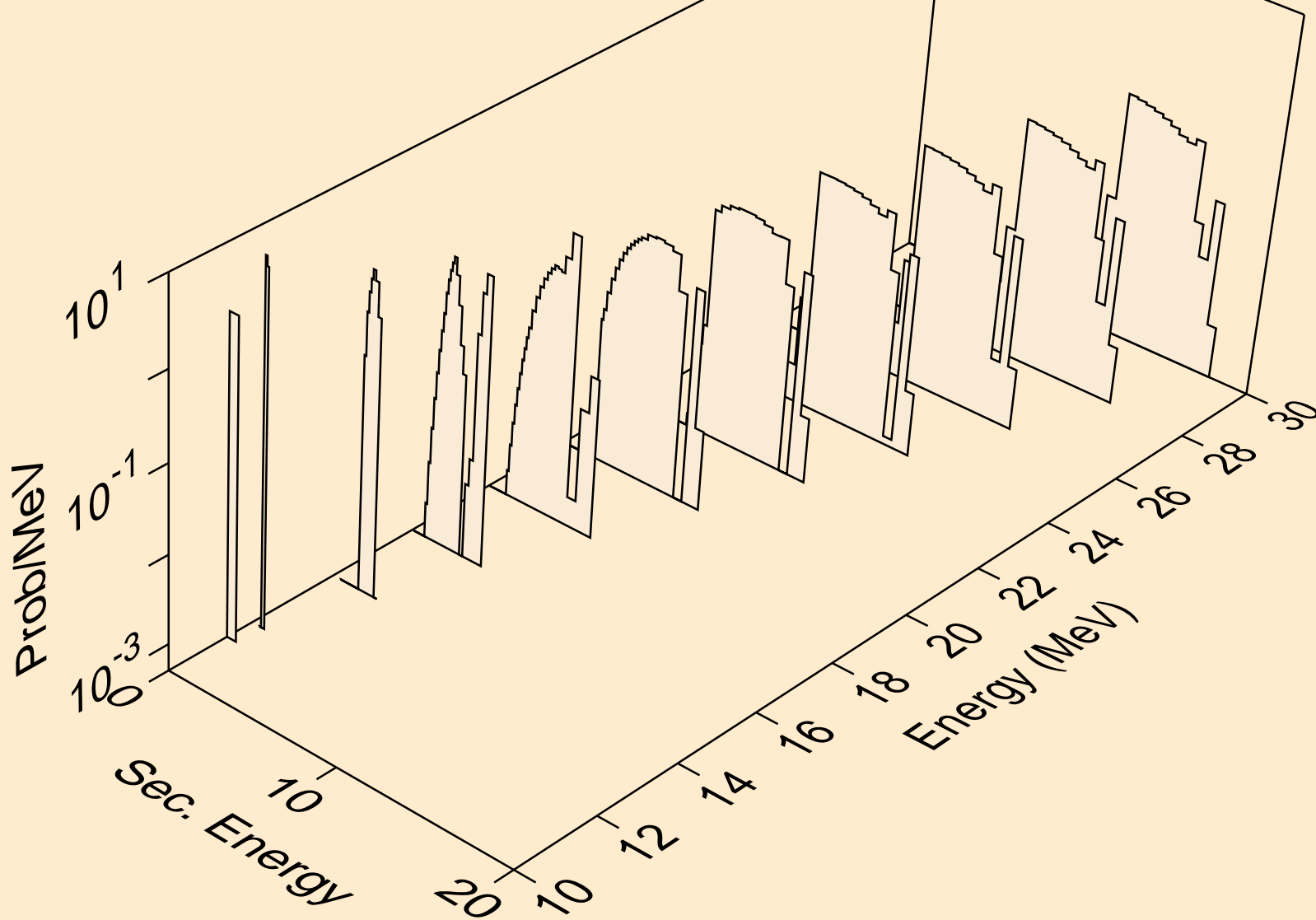




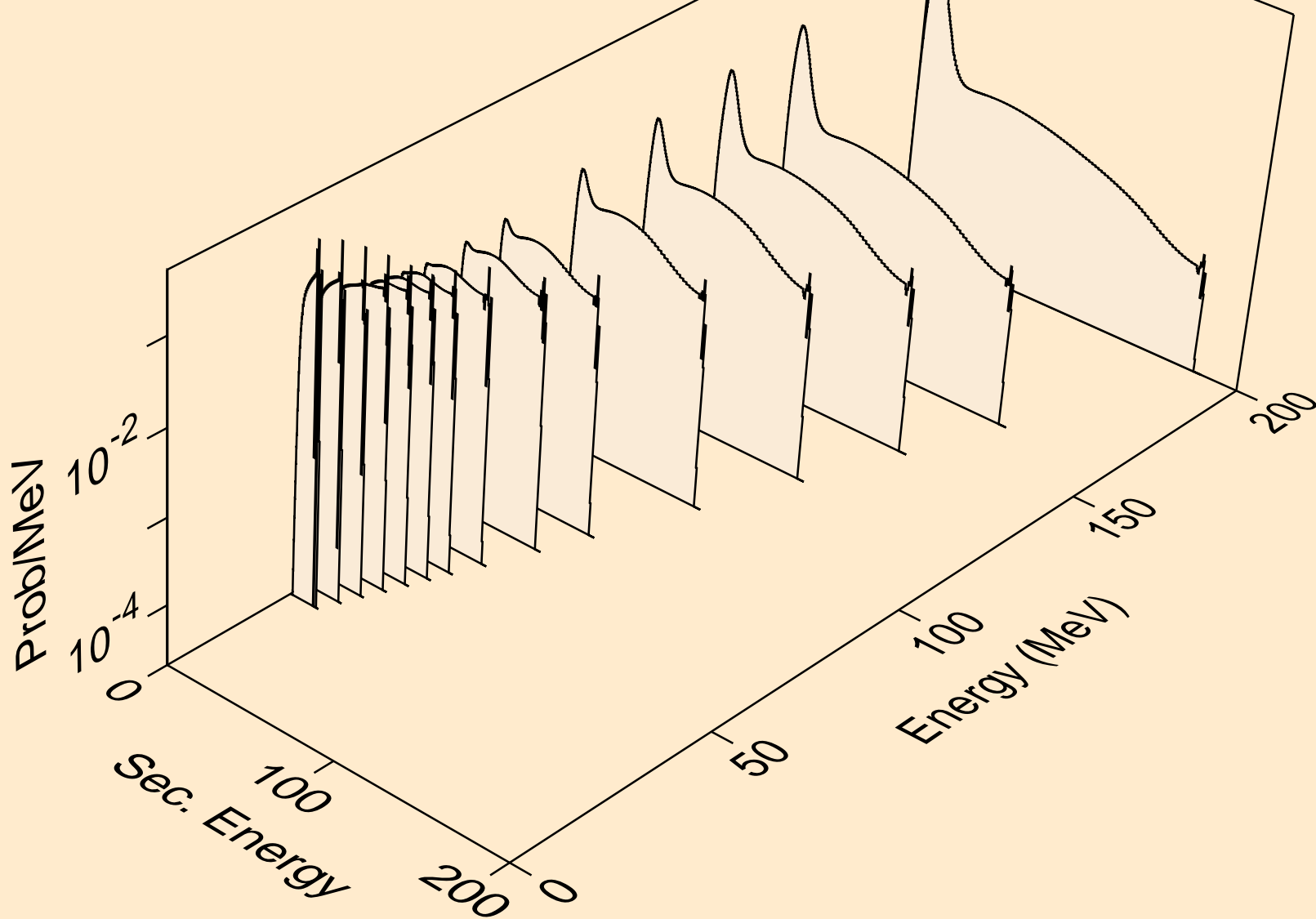
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
protons from (n,2np)



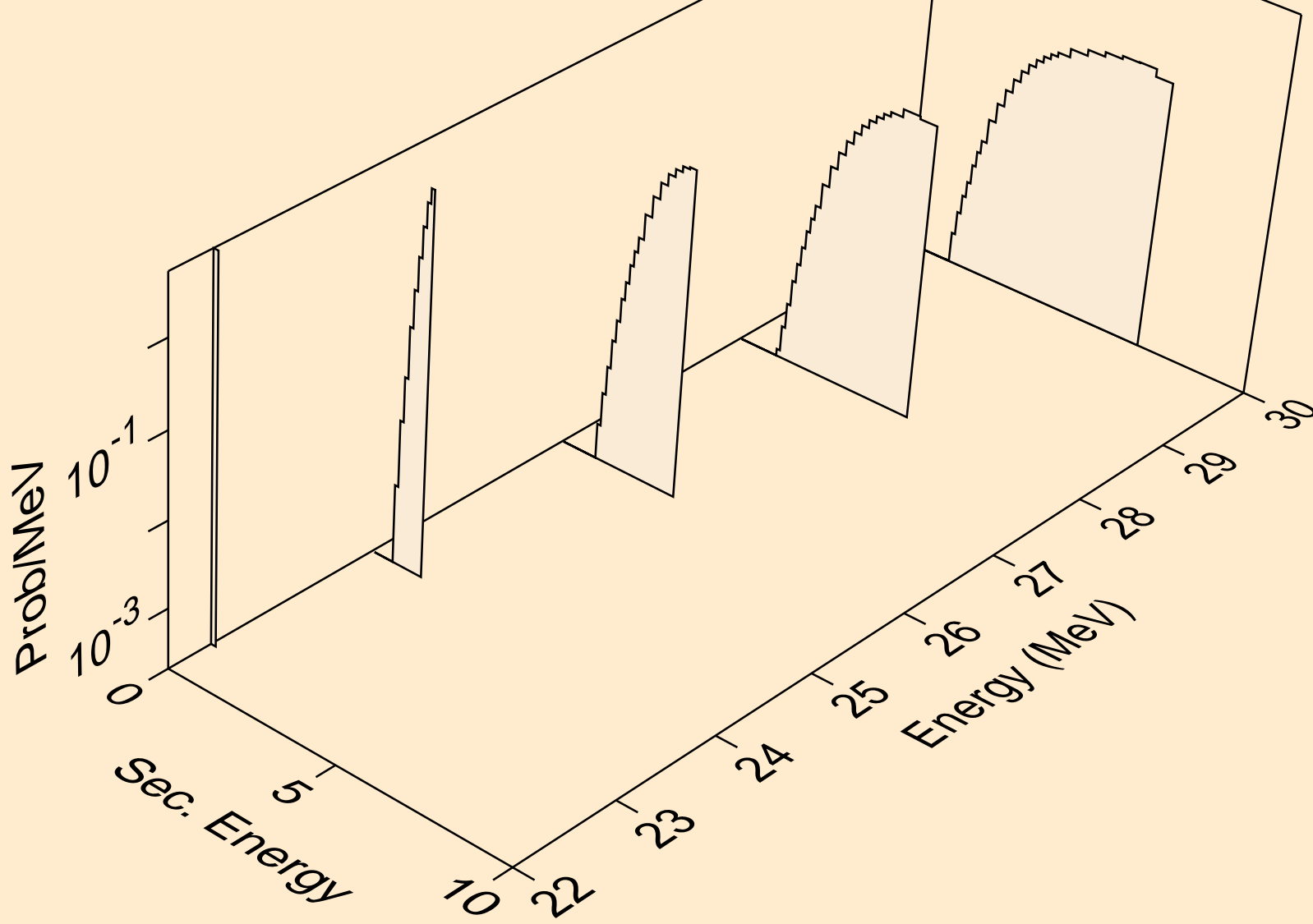
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
protons from (n,p)



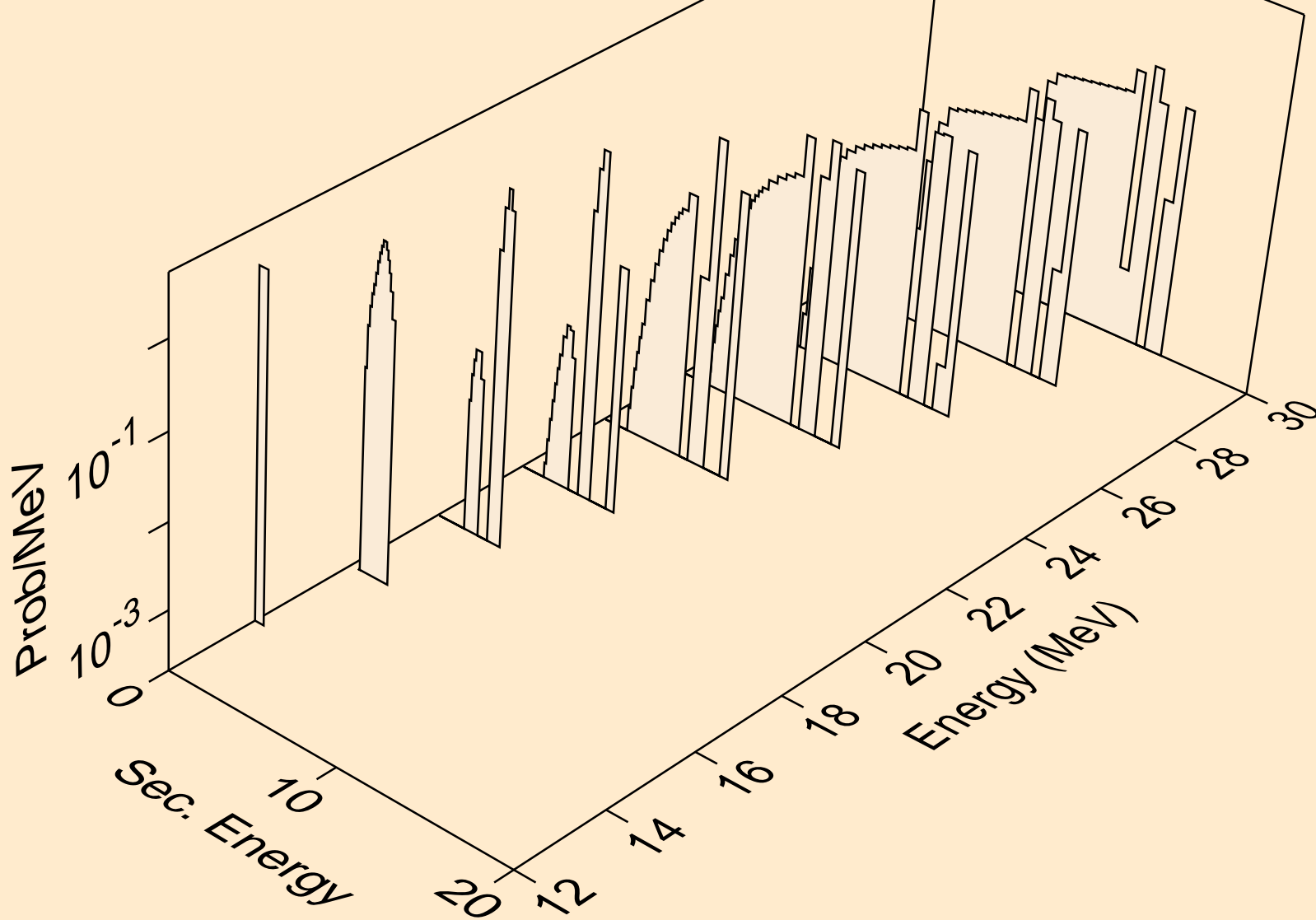
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
deuterons from (n,x)



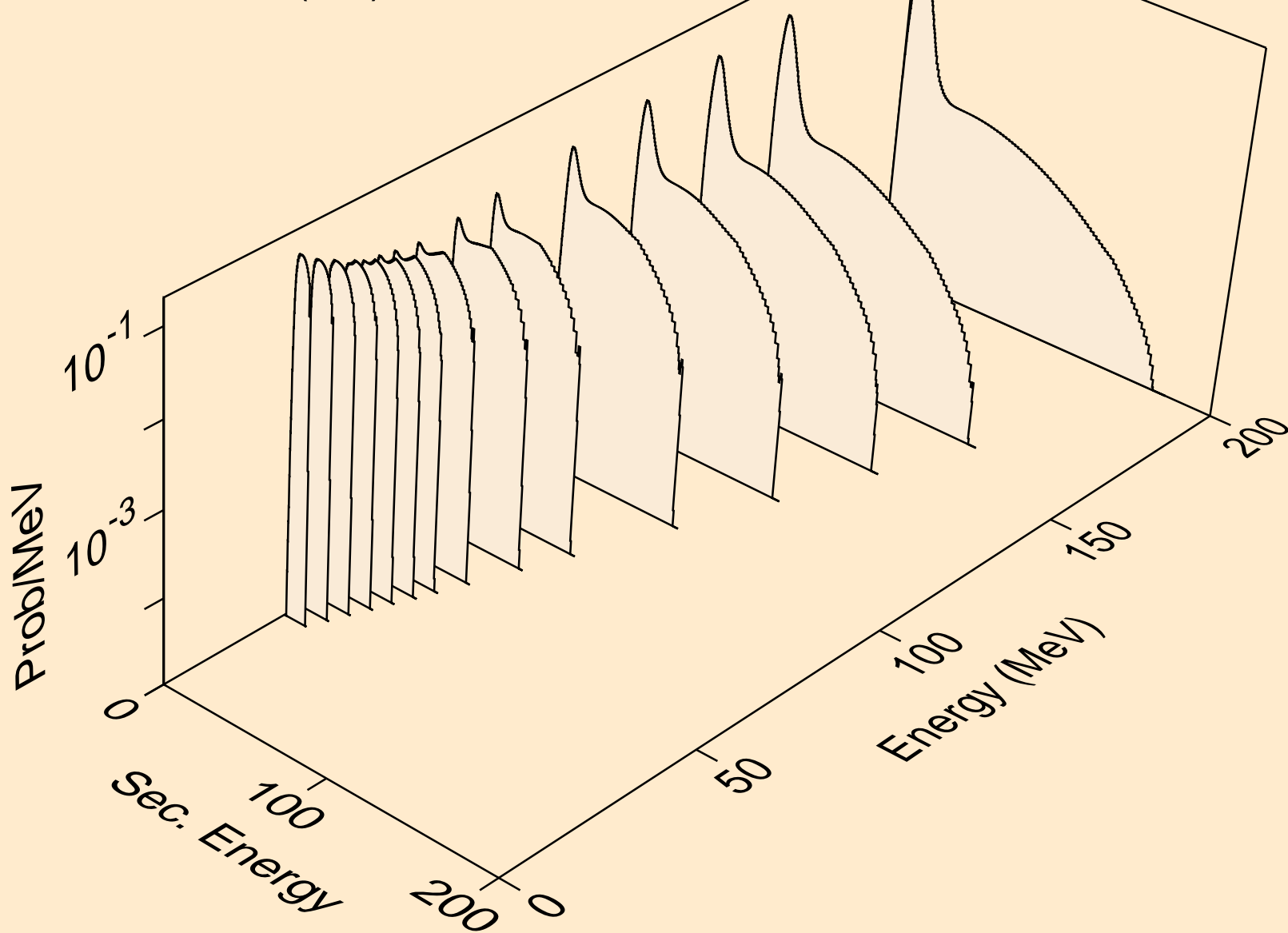
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
deuterons from (n,n\*)d



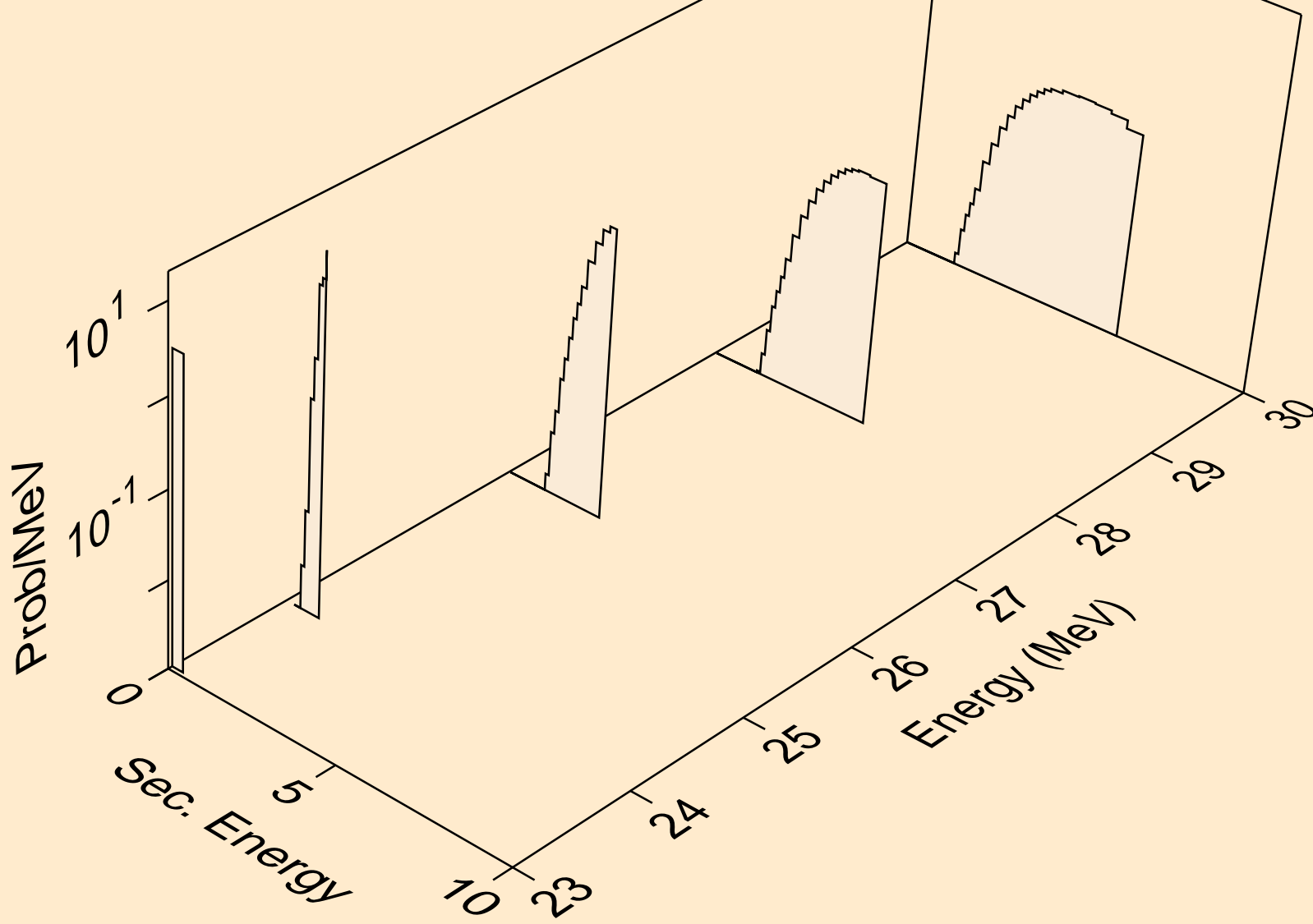
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
deuterons from (n,d)



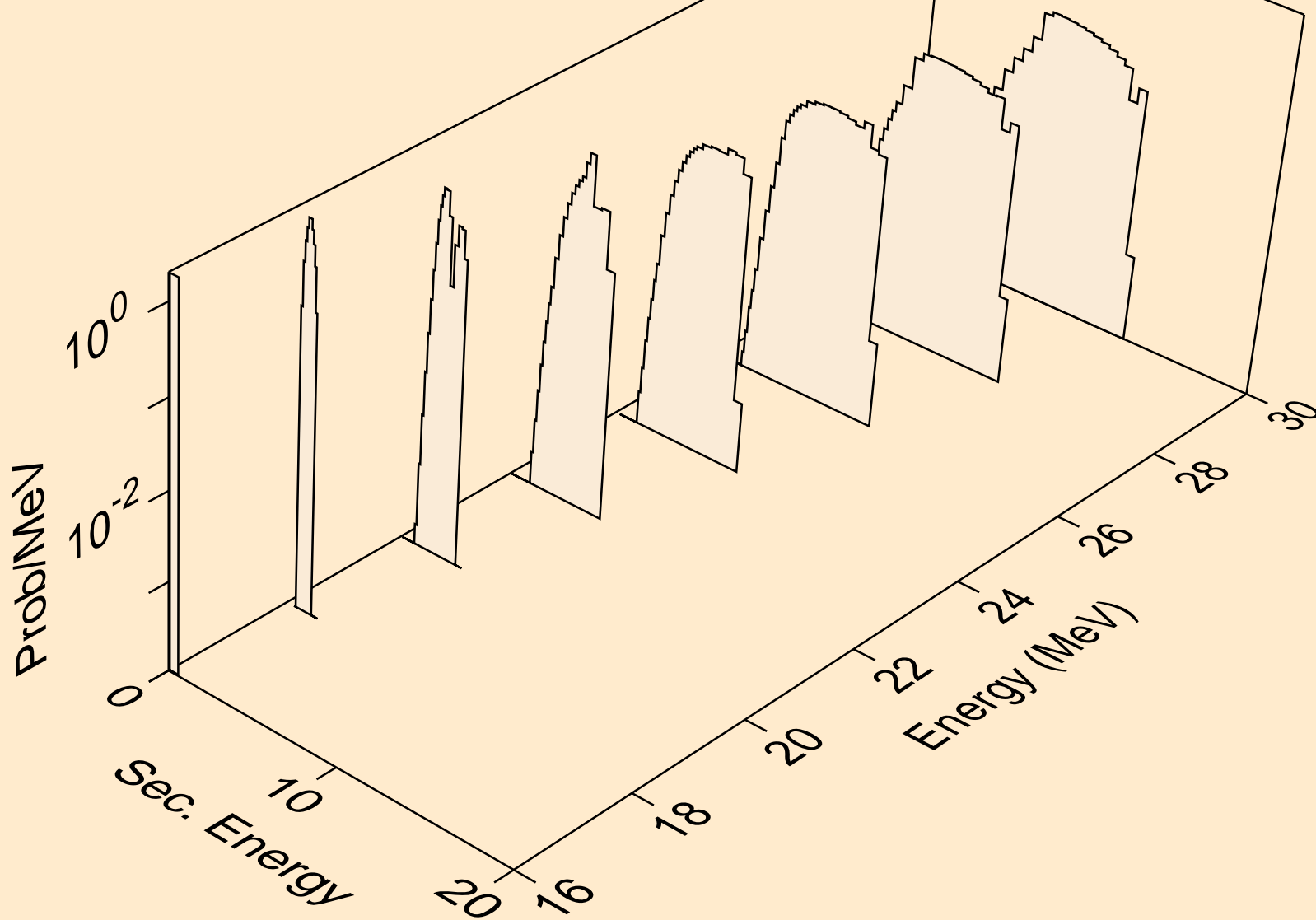
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
tritons from (n,x)



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
tritons from (n,n\*)t

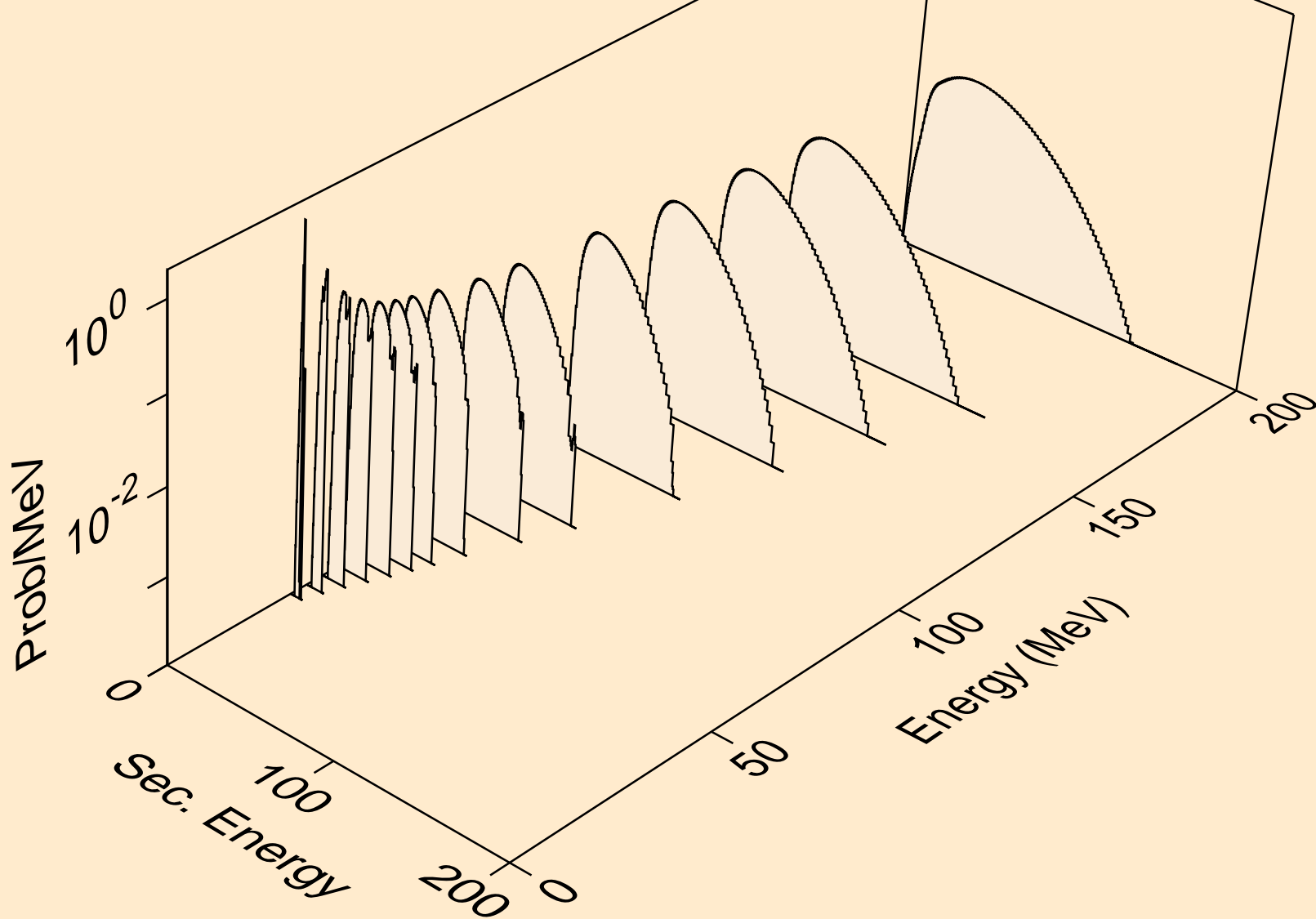


MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
tritons from (n,t)

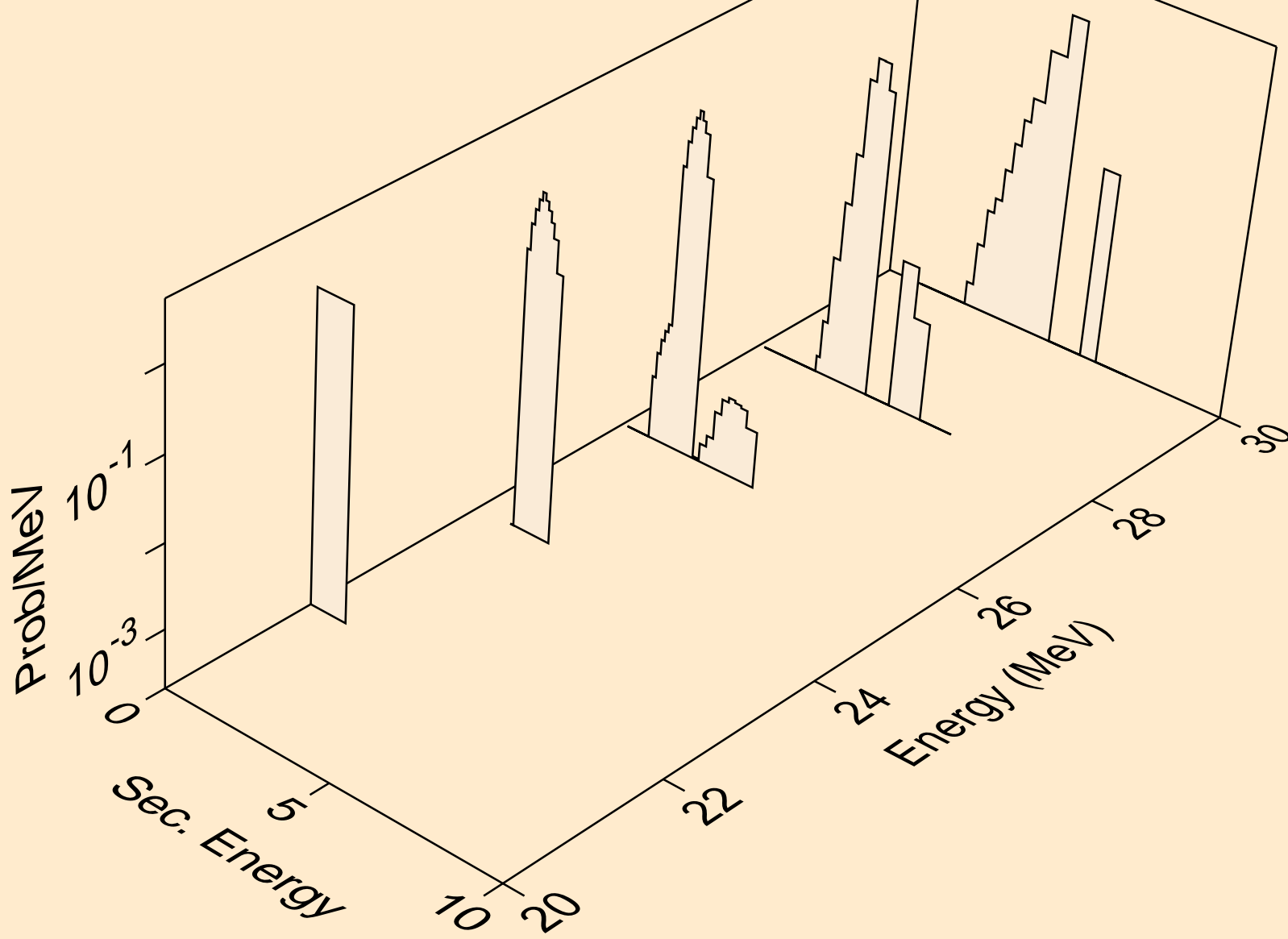




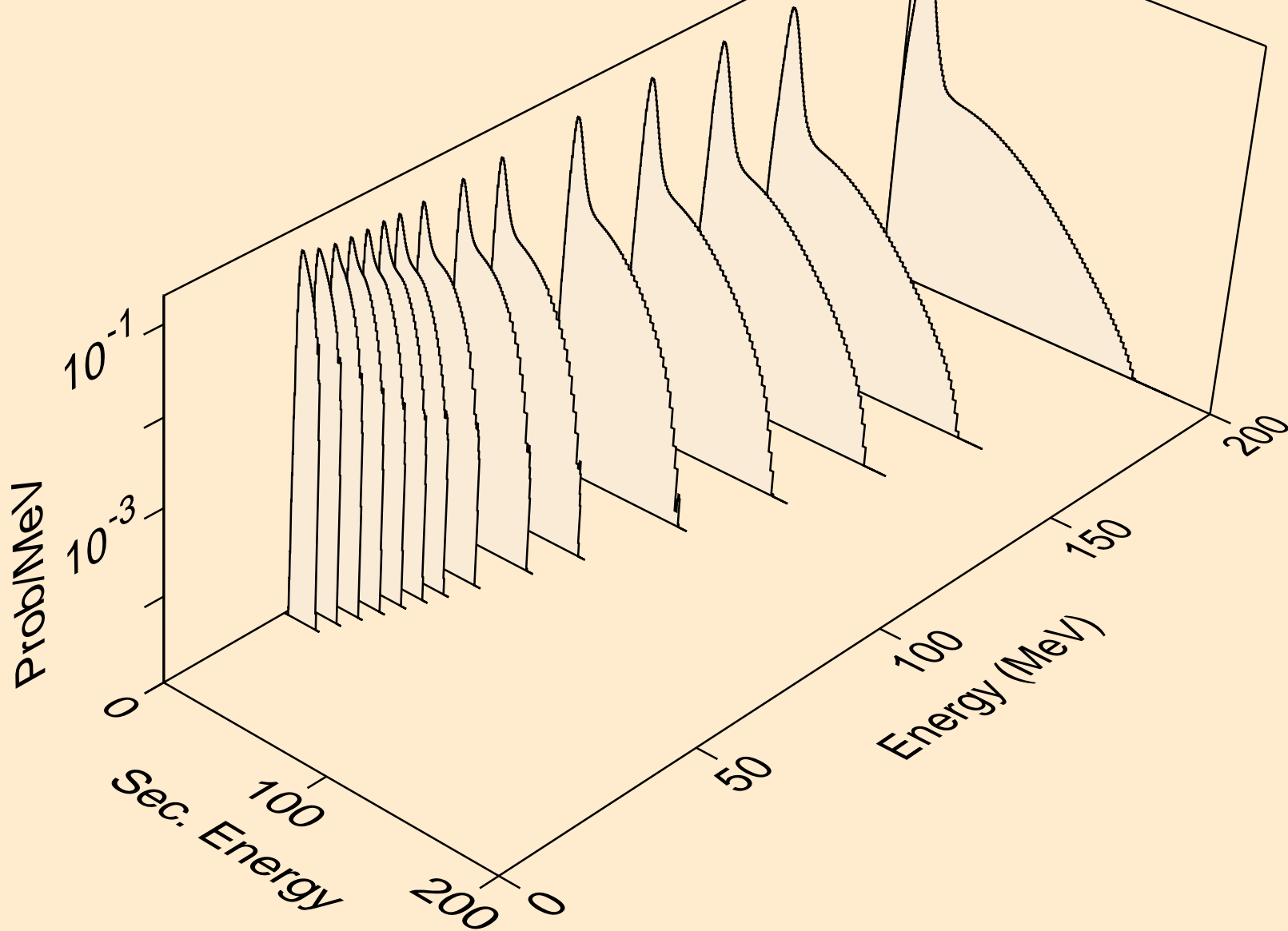
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
he3s from (n,x)



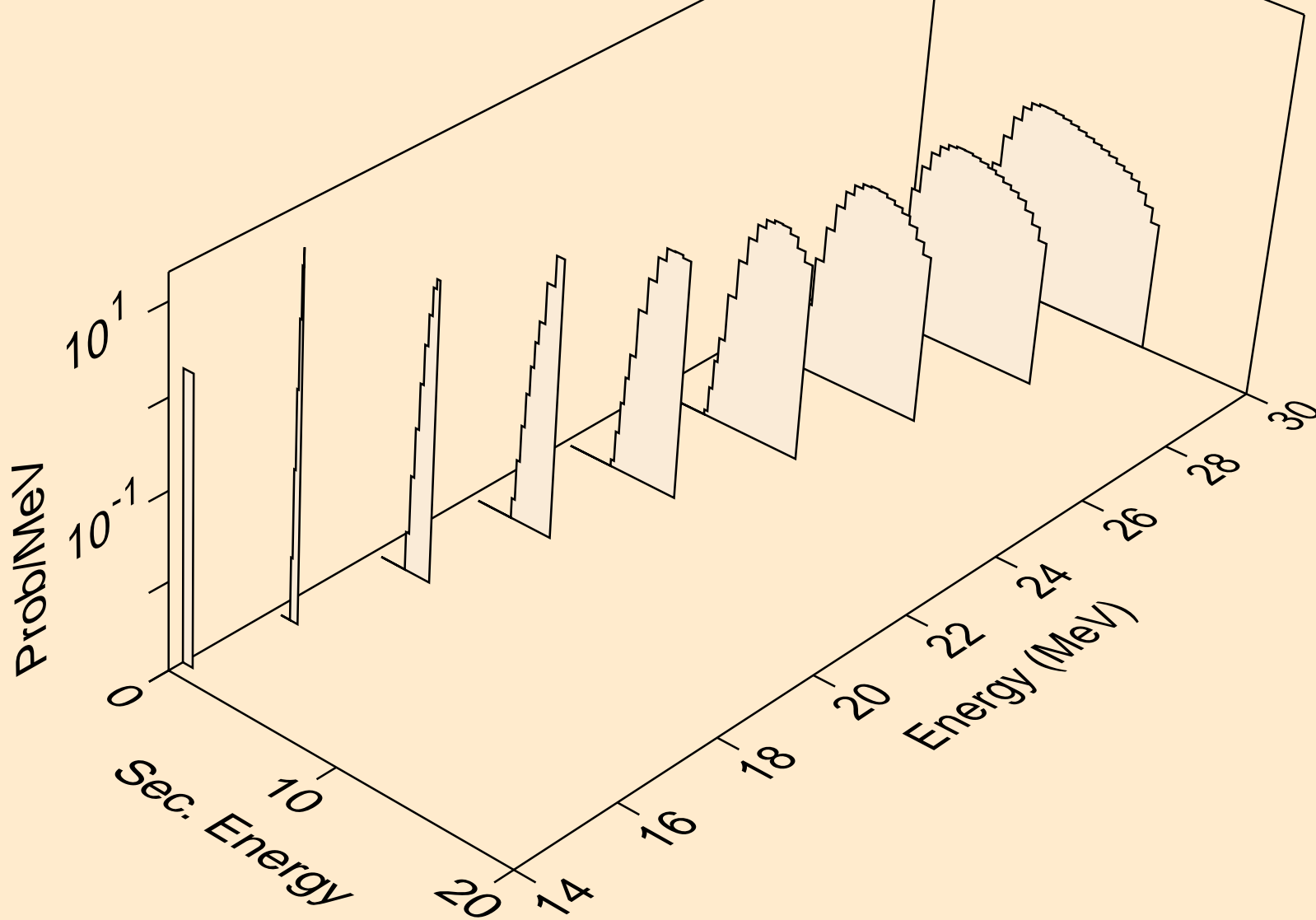
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
he3s from (n,he3)



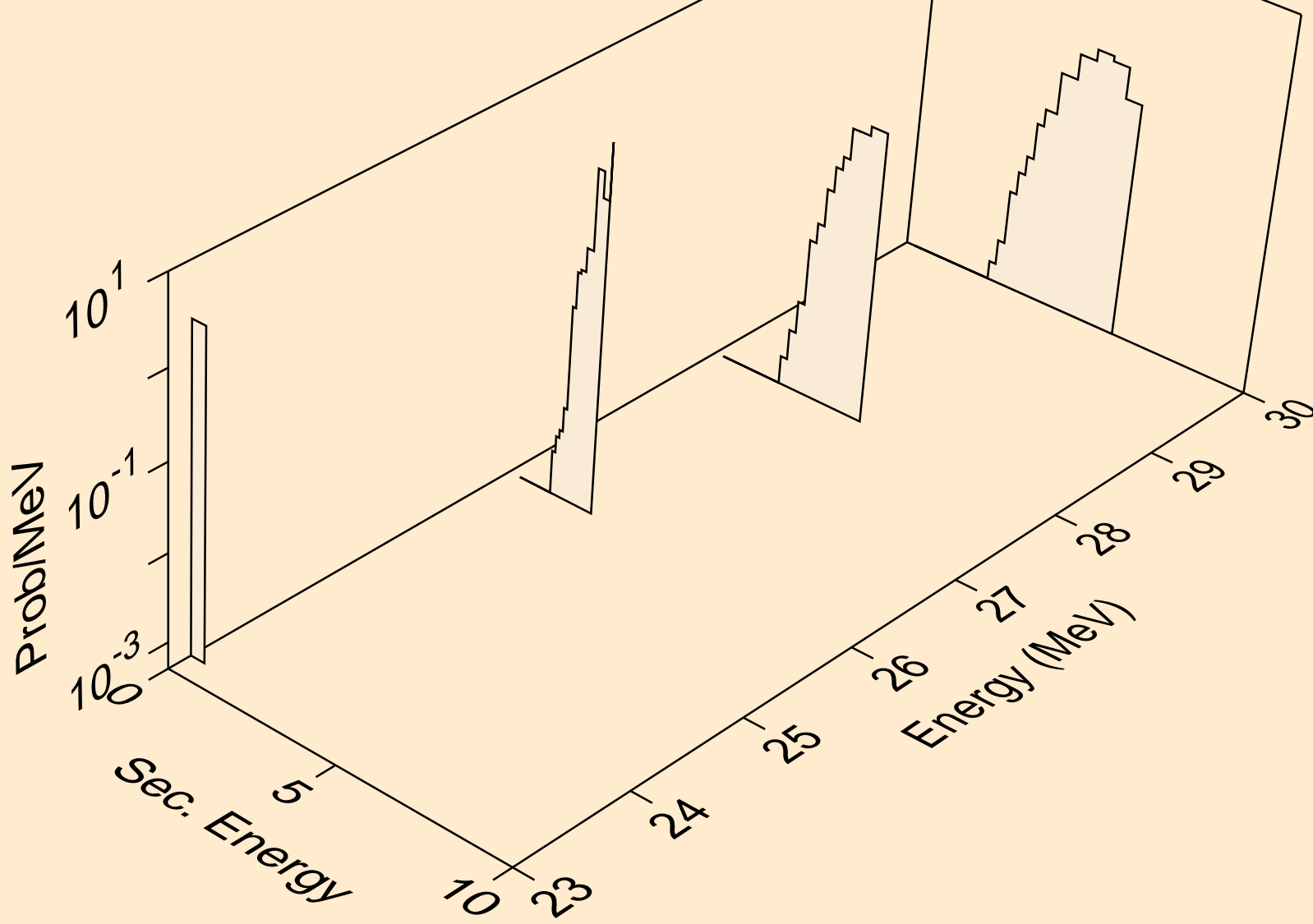
MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
alphas from (n,x)



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
alphas from (n,n\*)a



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
alphas from (n,2n)a



MAT=2049 ACE FILE PRODUCED AT NEA WITH NDEC  
alphas from (n,a)

