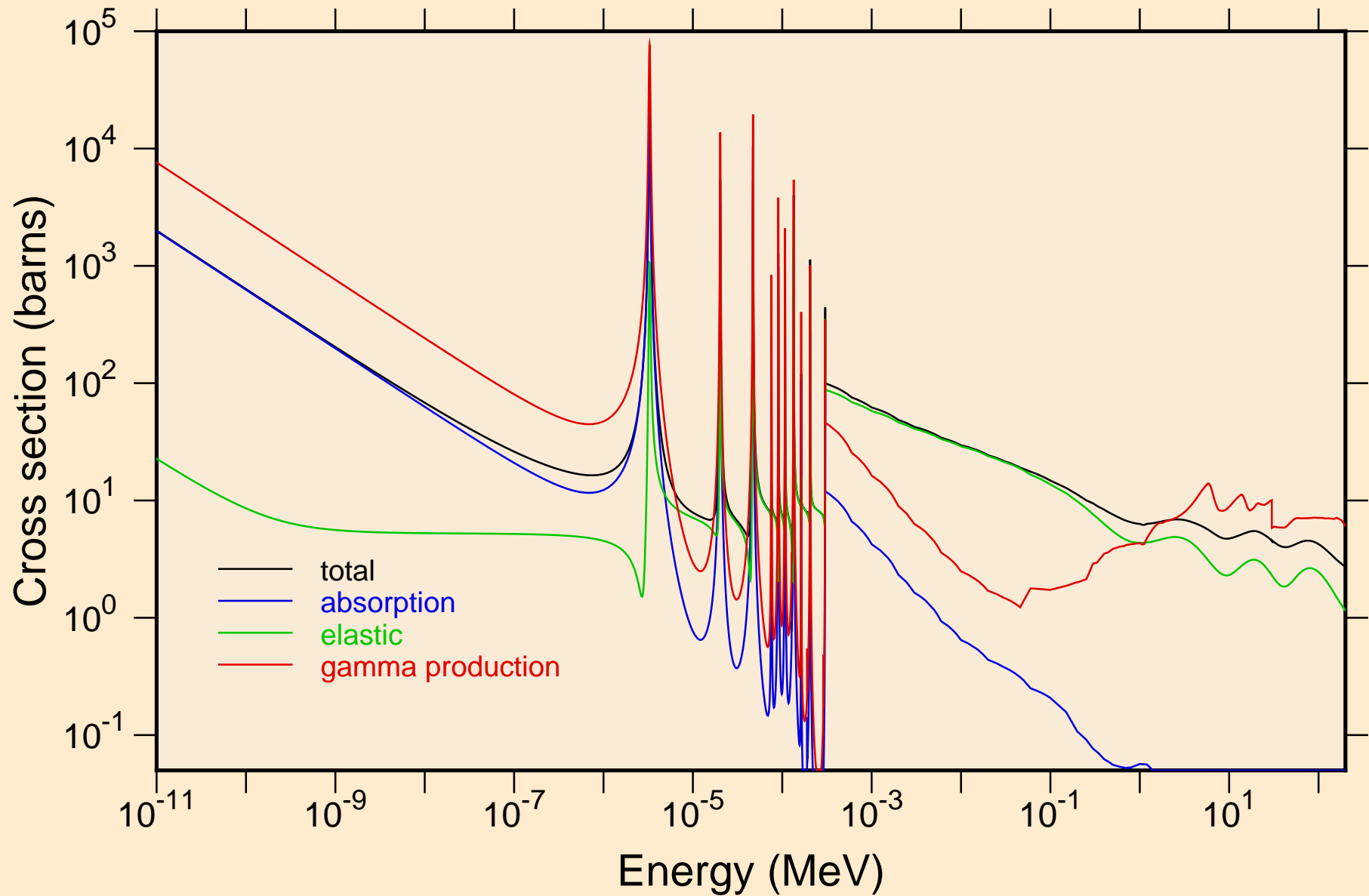
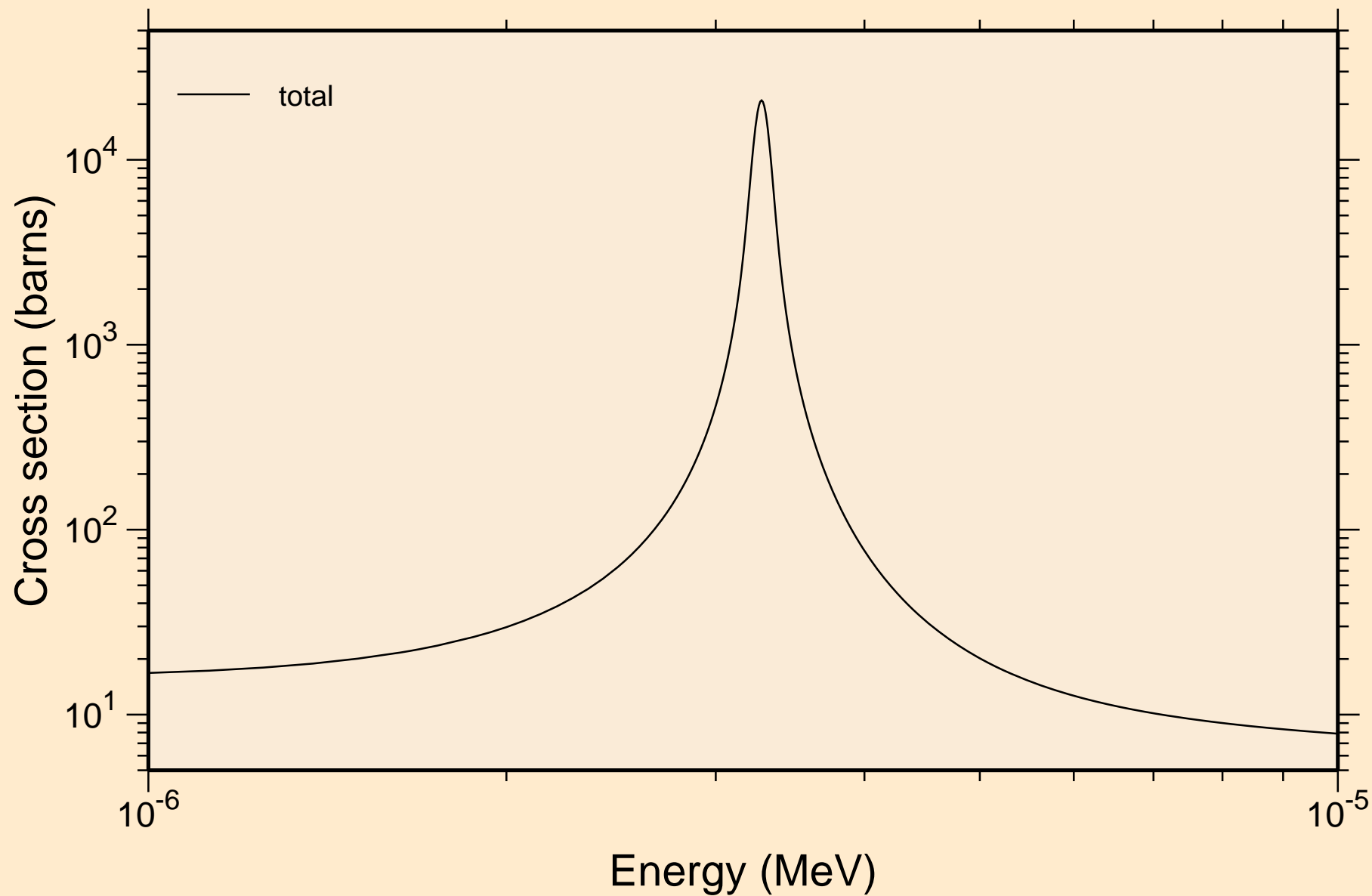


# MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC

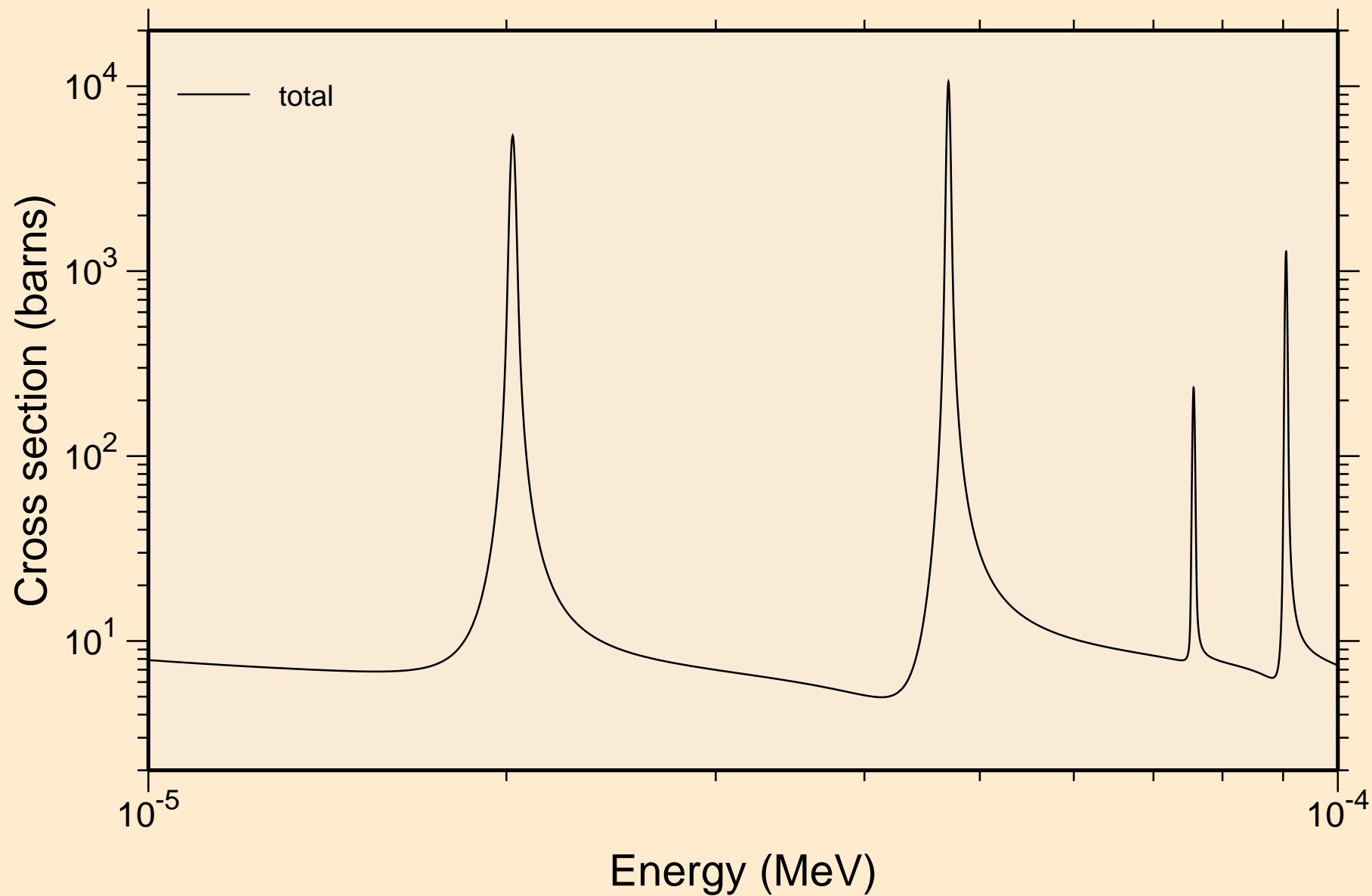
## Principal cross sections



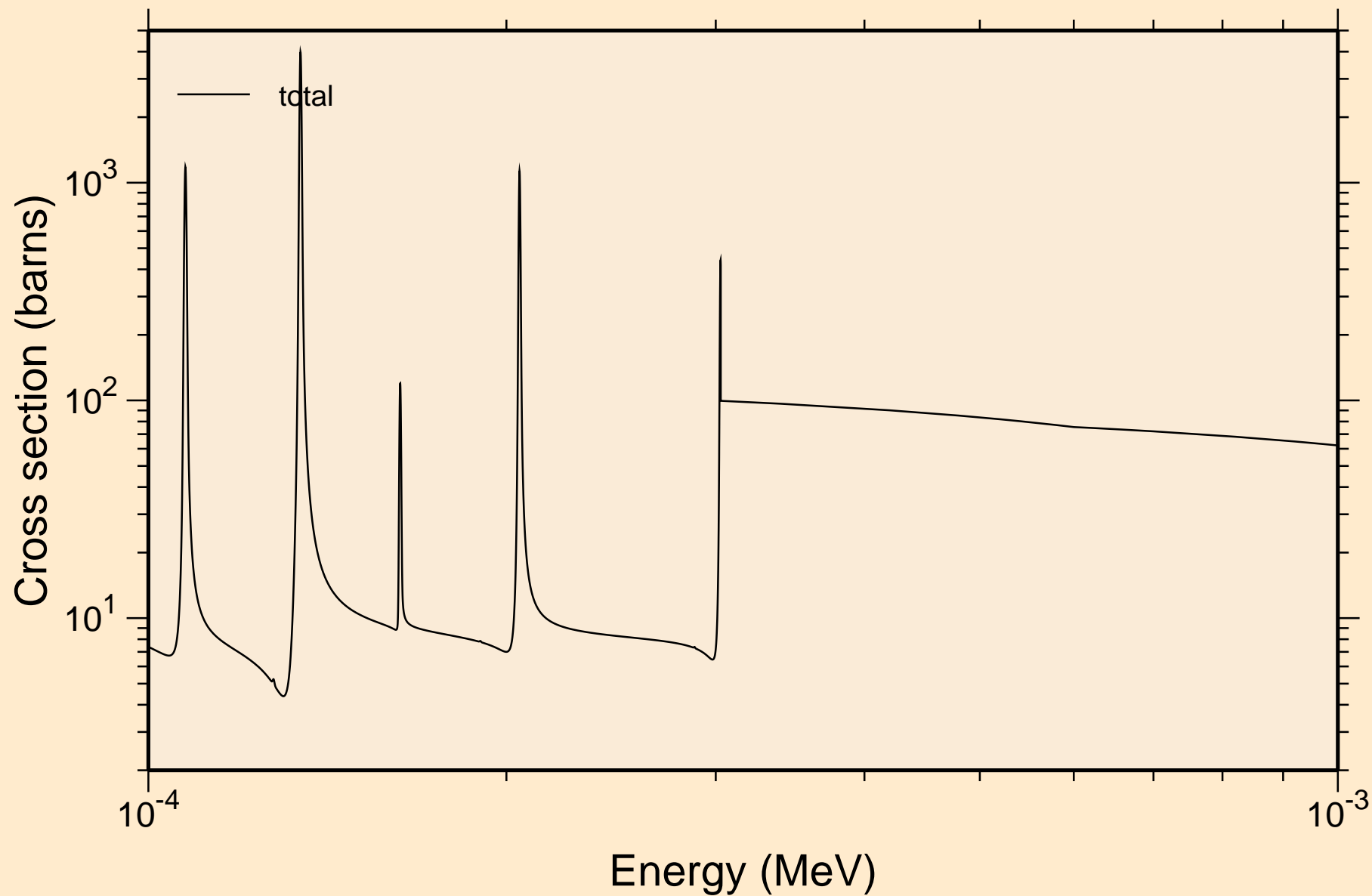
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance total cross section



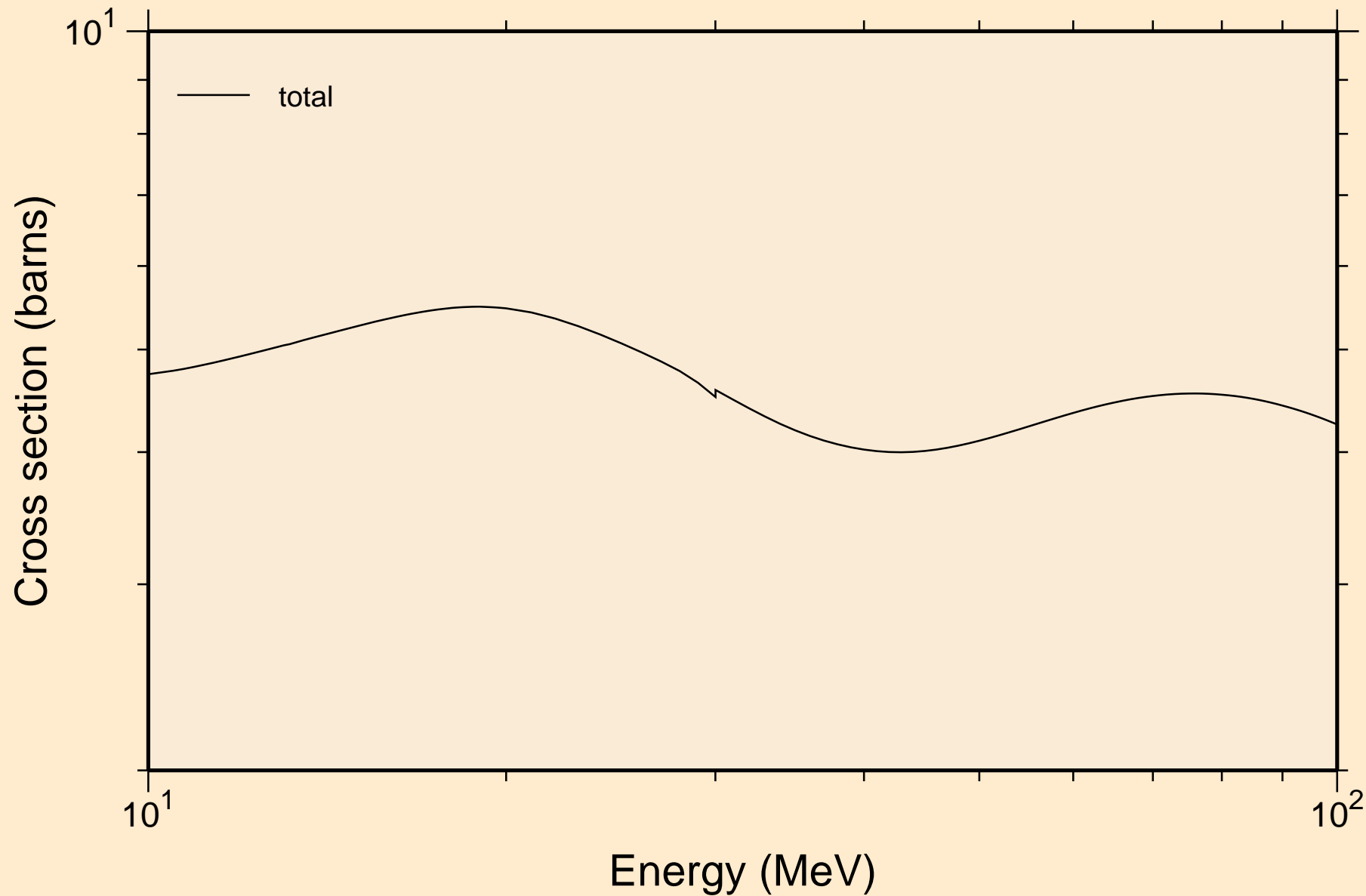
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance total cross section



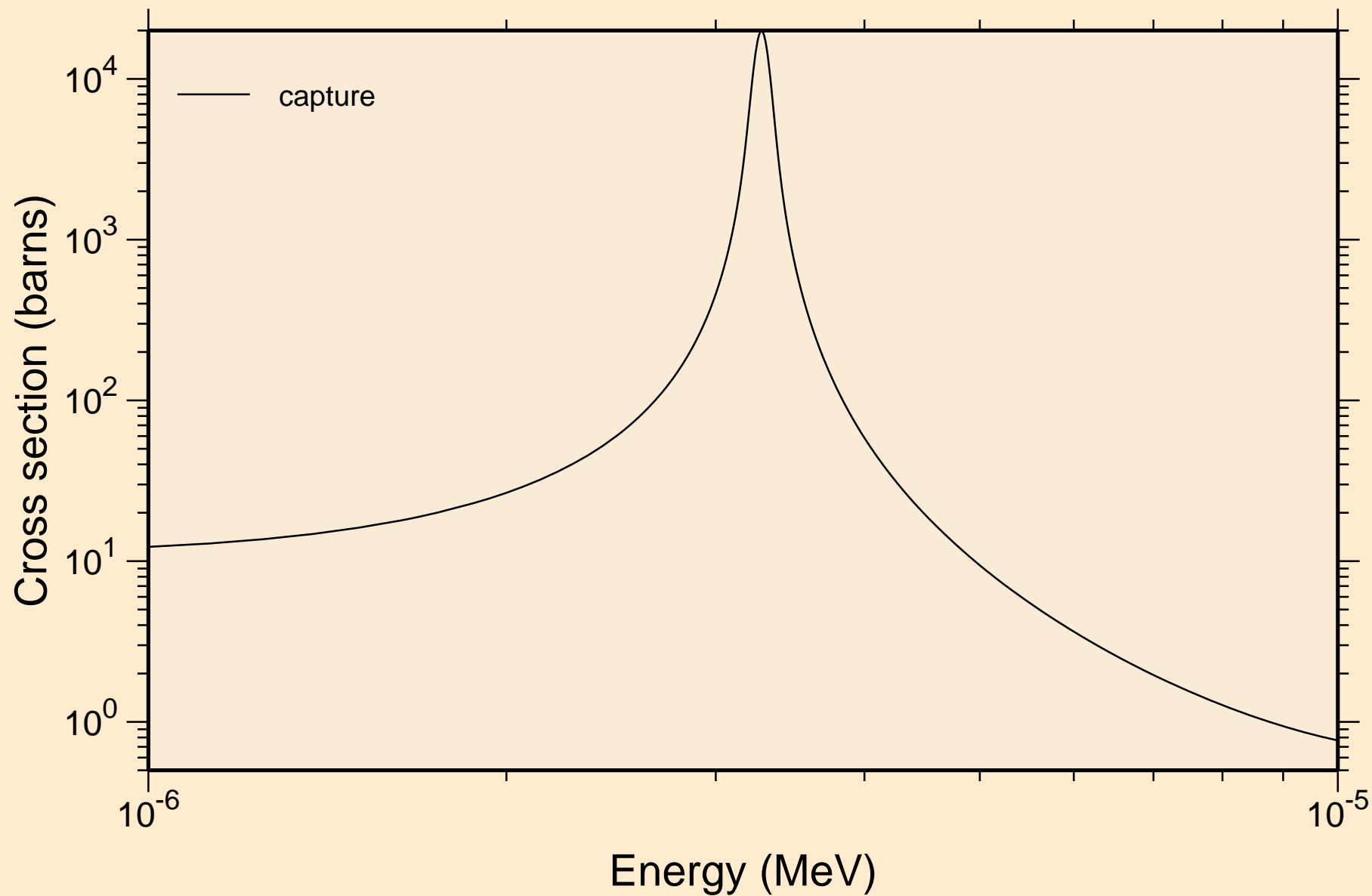
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance total cross section



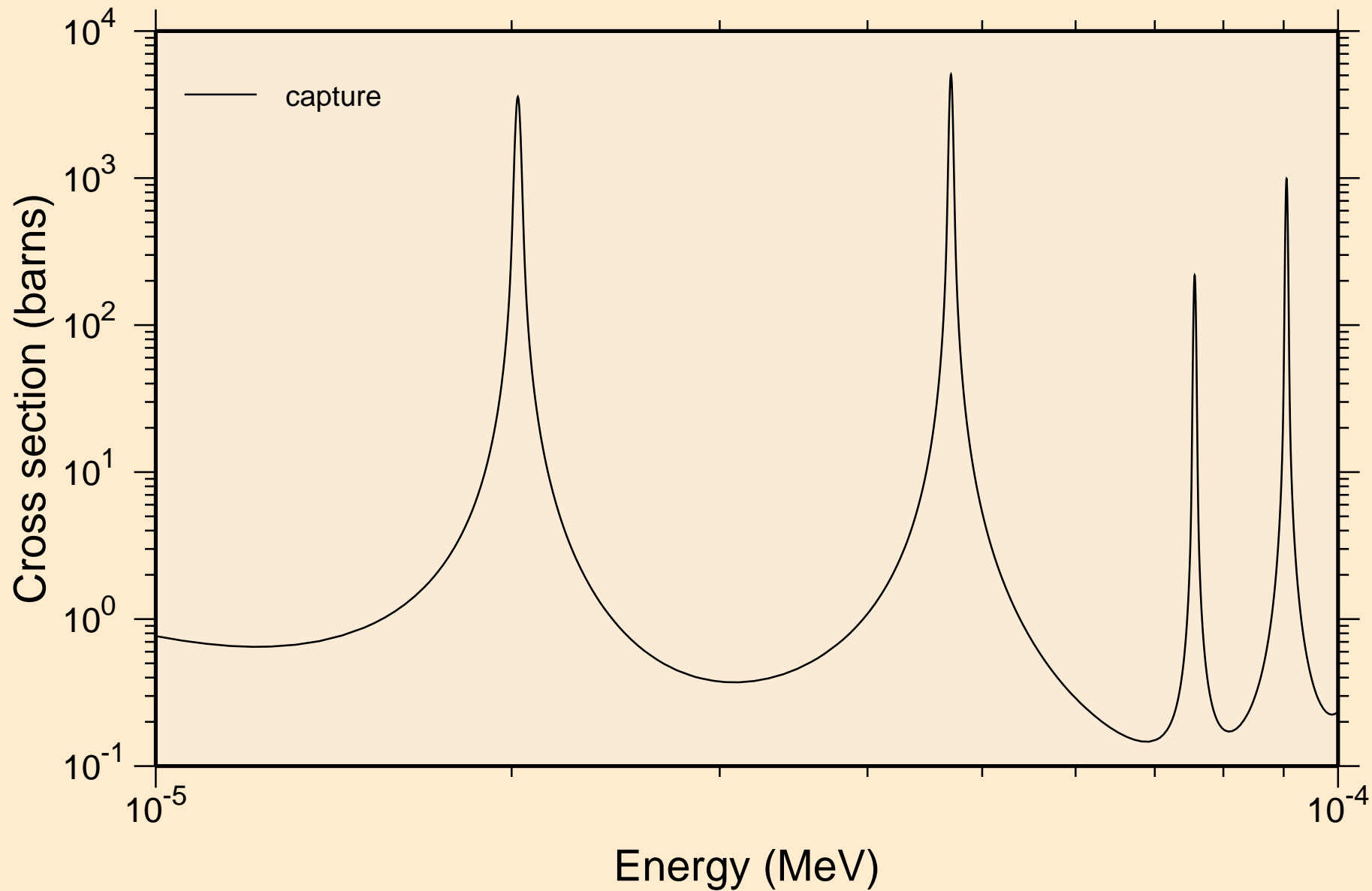
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance total cross section



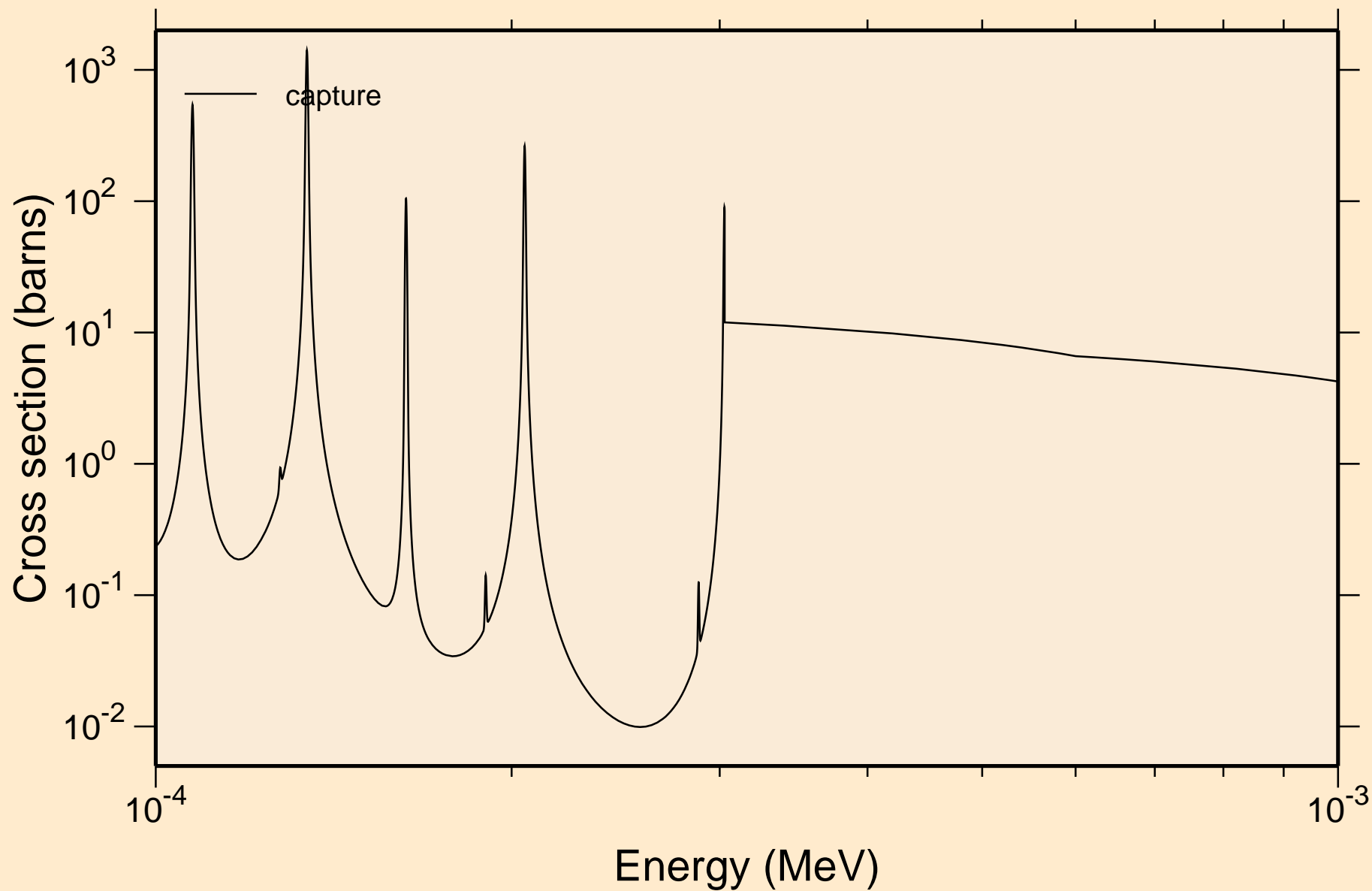
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance absorption cross sections



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance absorption cross sections

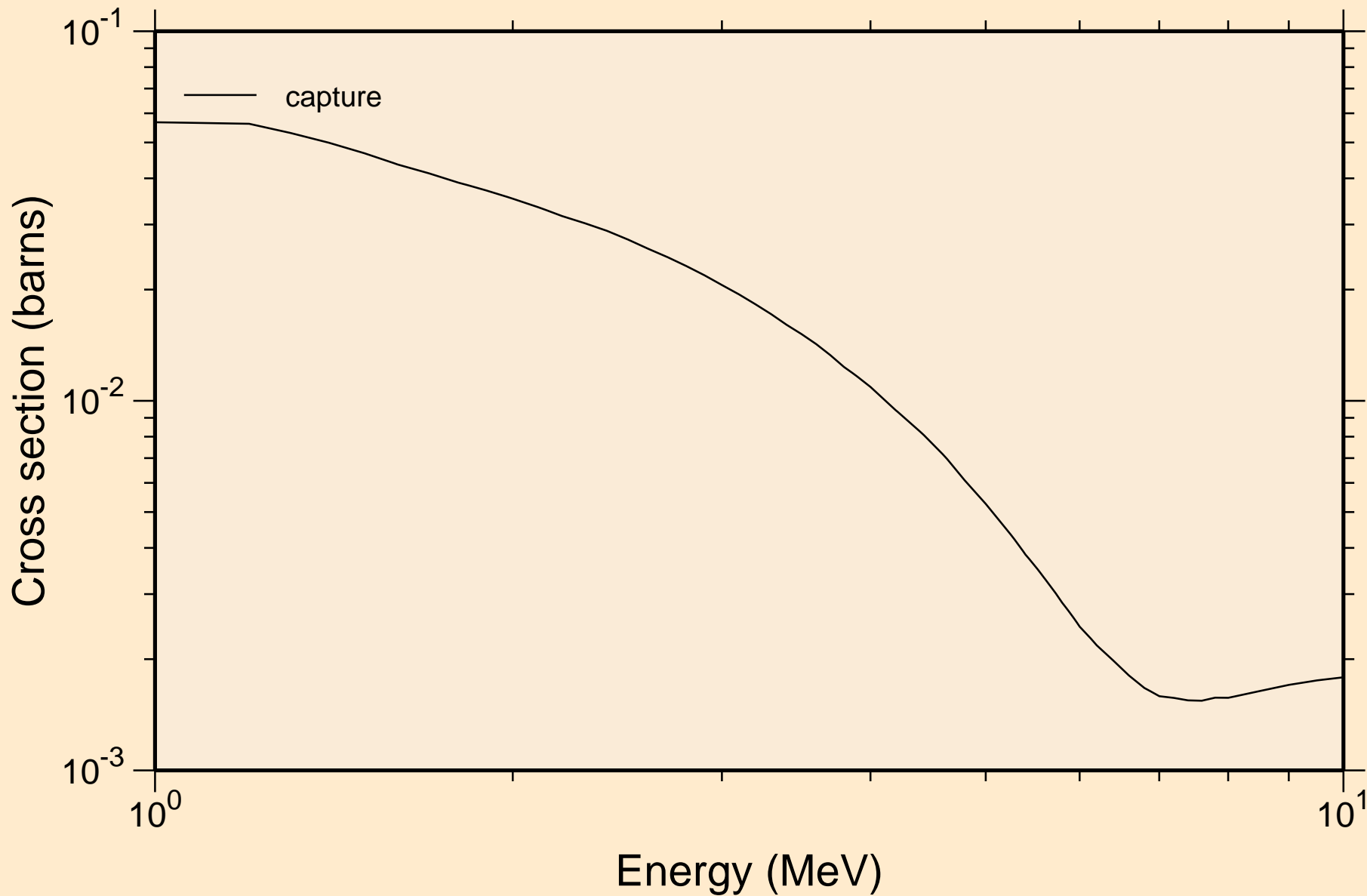


MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance absorption cross sections

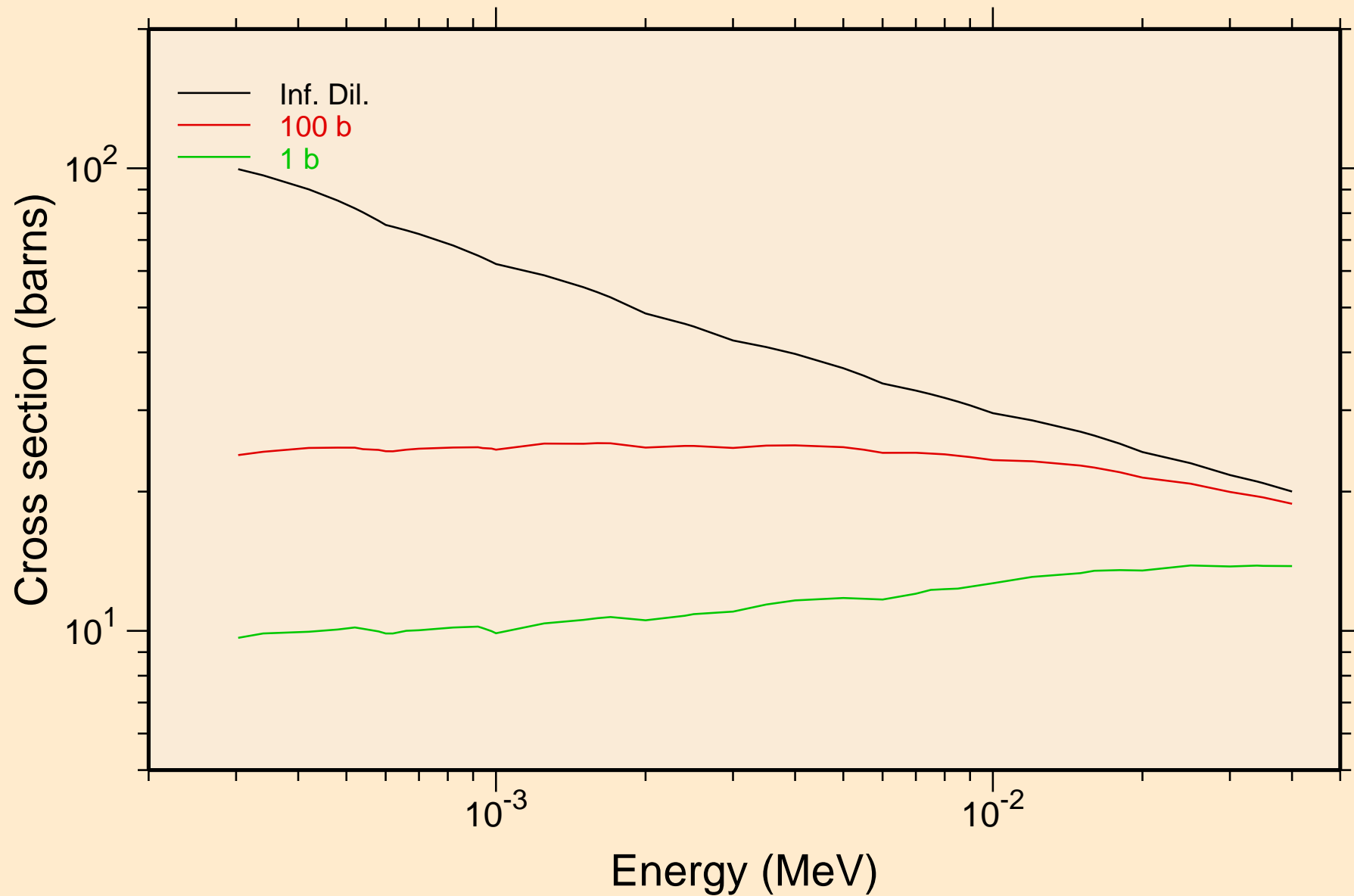




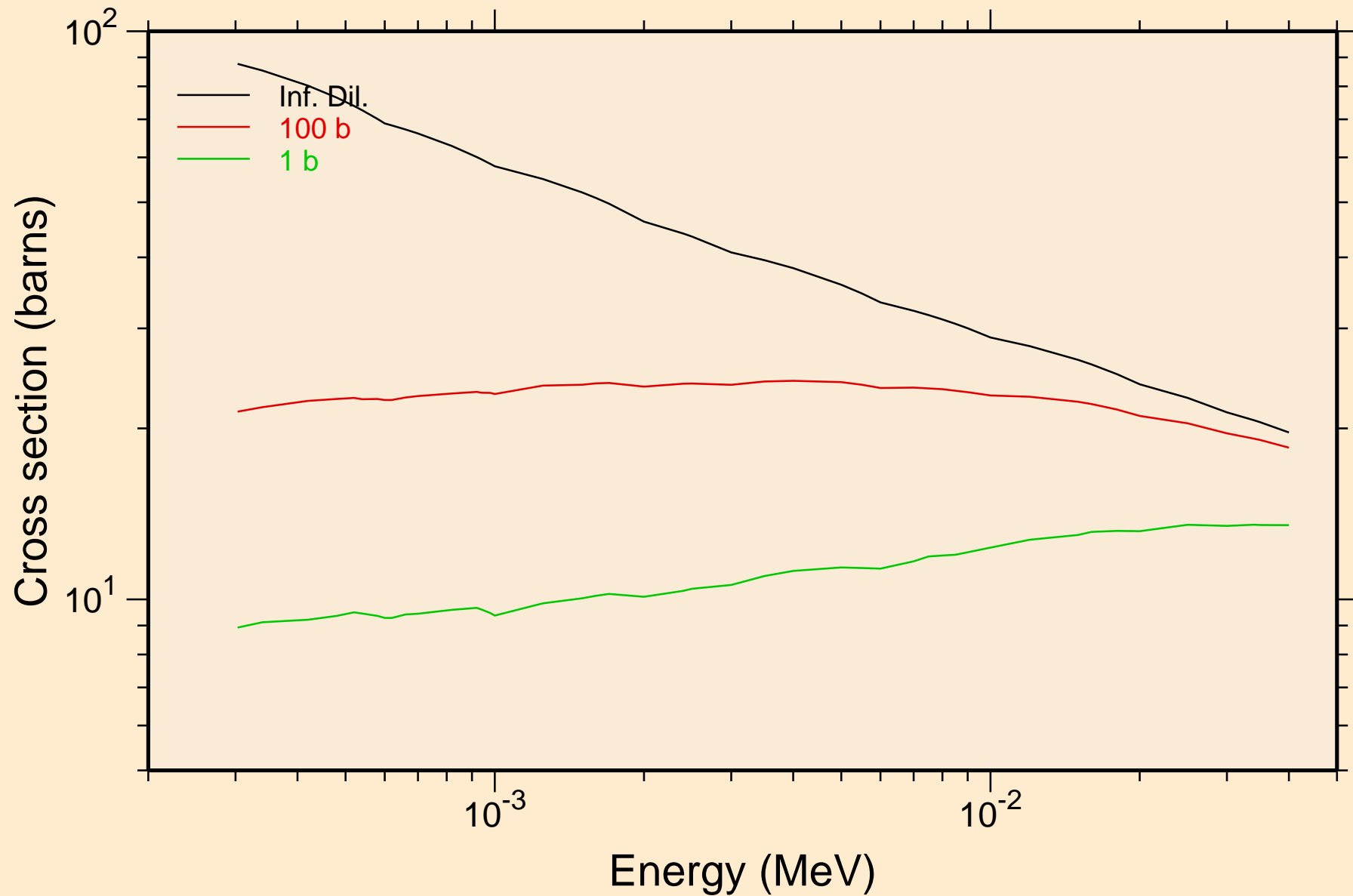
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resonance absorption cross sections



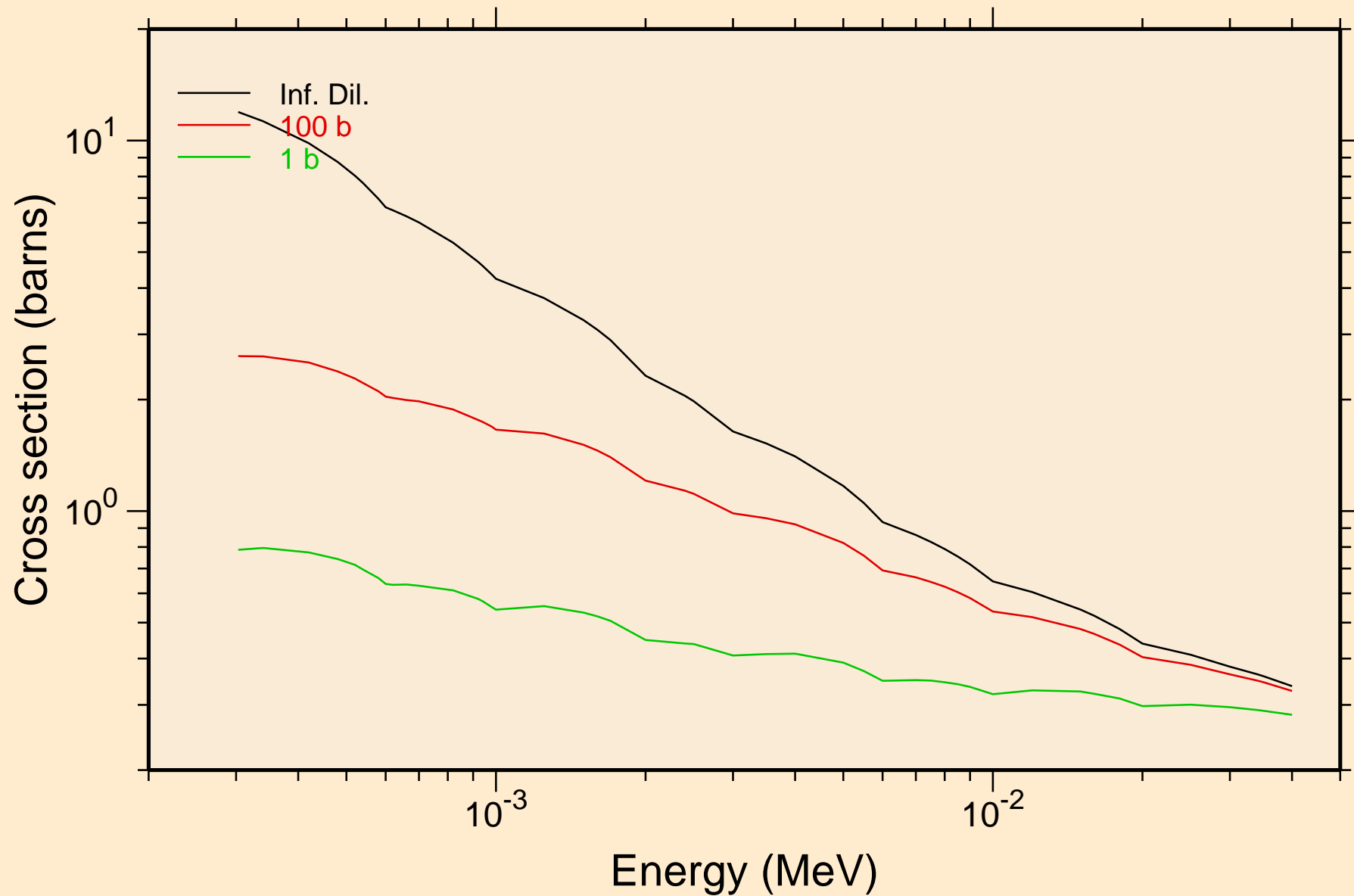
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
UR total cross section



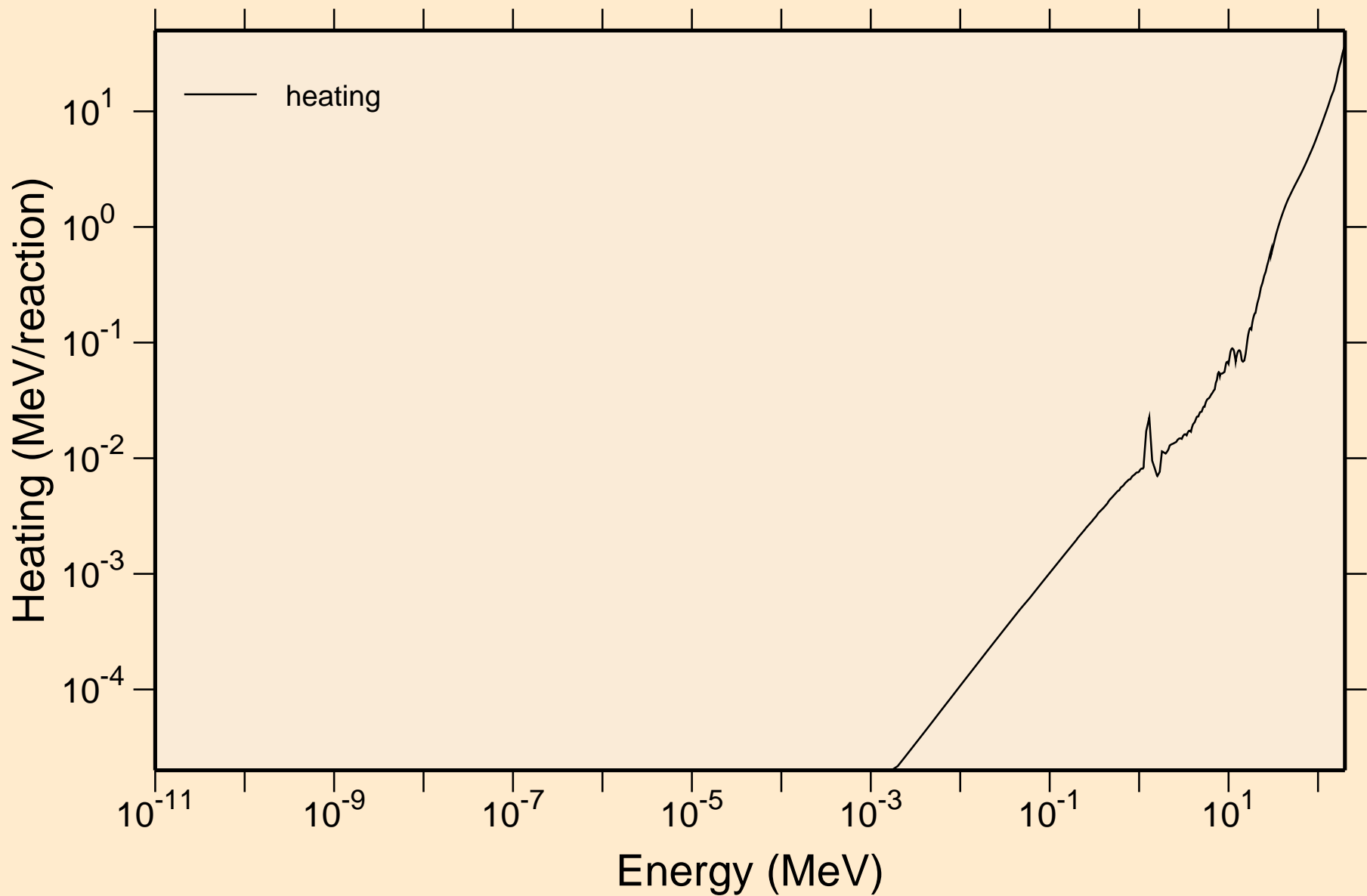
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
UR elastic cross section



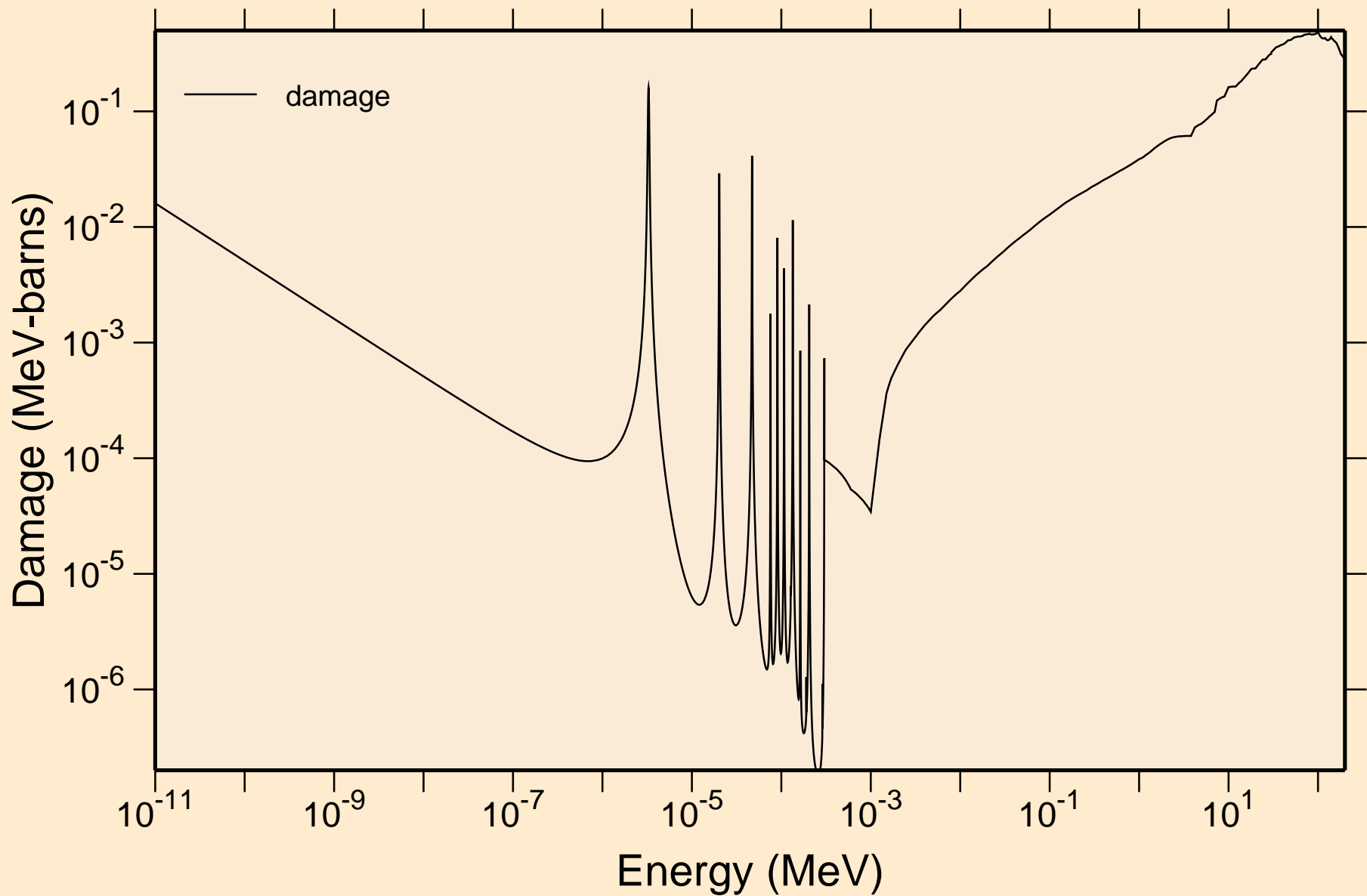
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
UR capture cross section



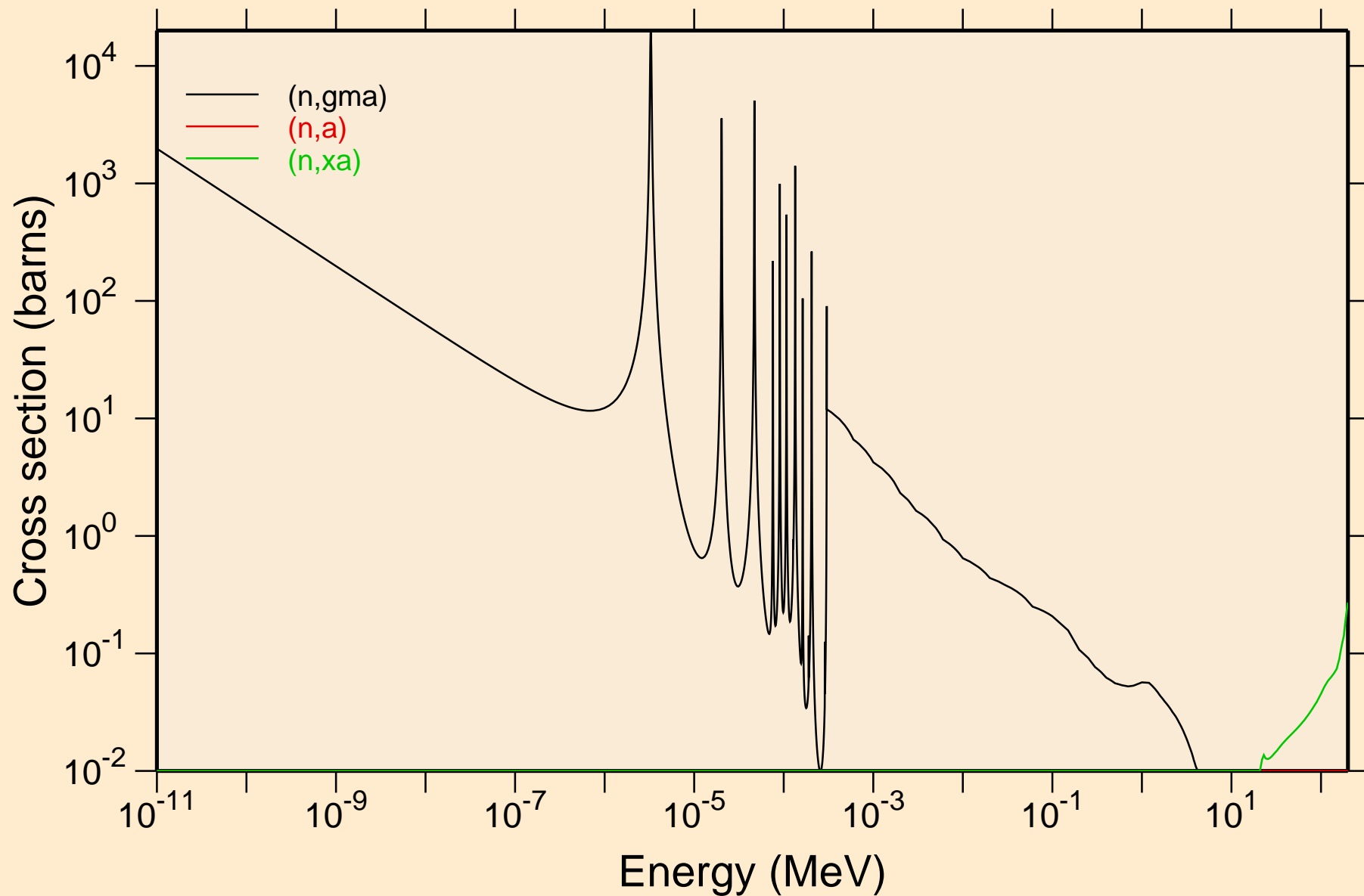
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Heating



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Damage

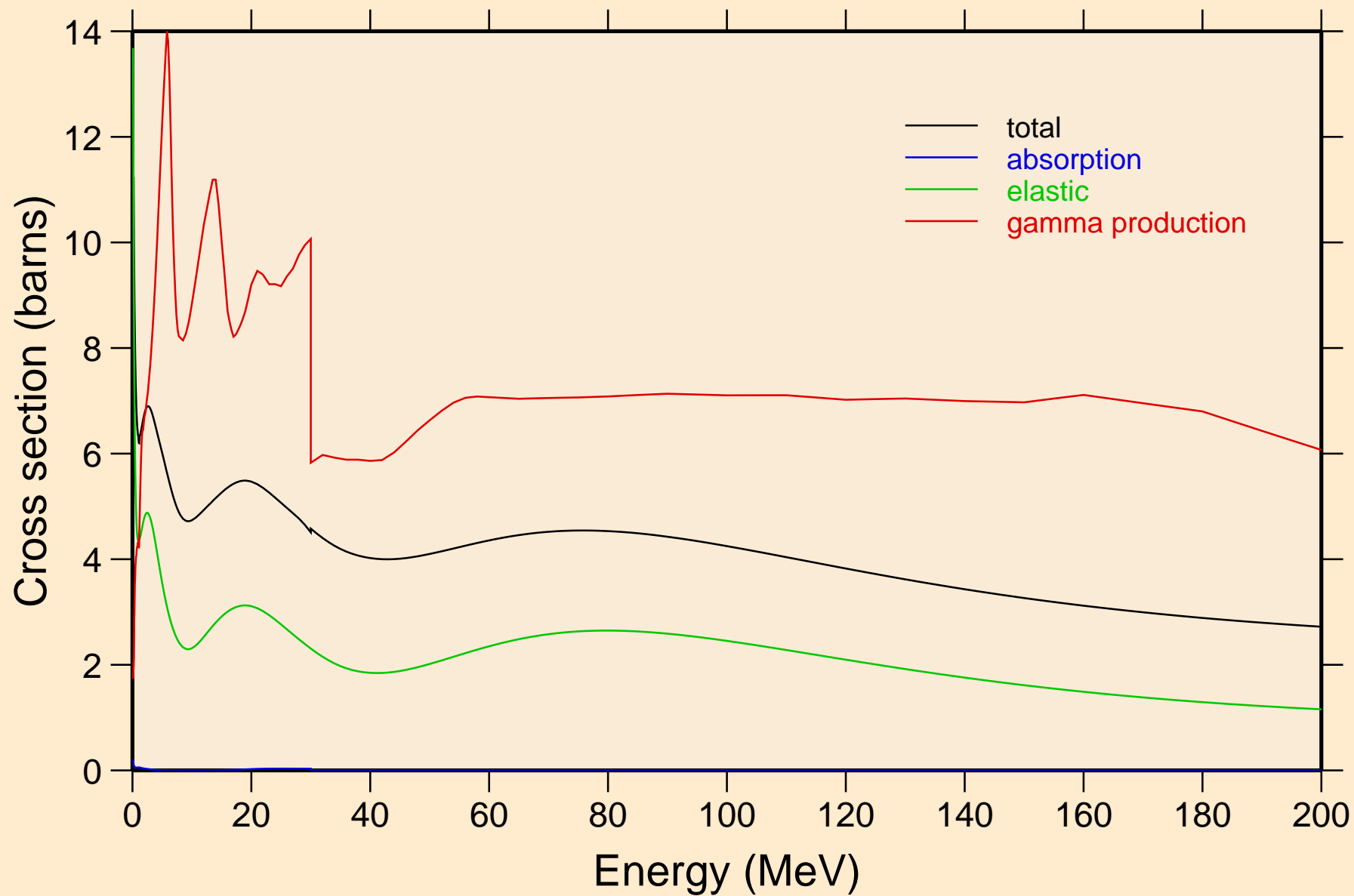


MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Non-threshold reactions



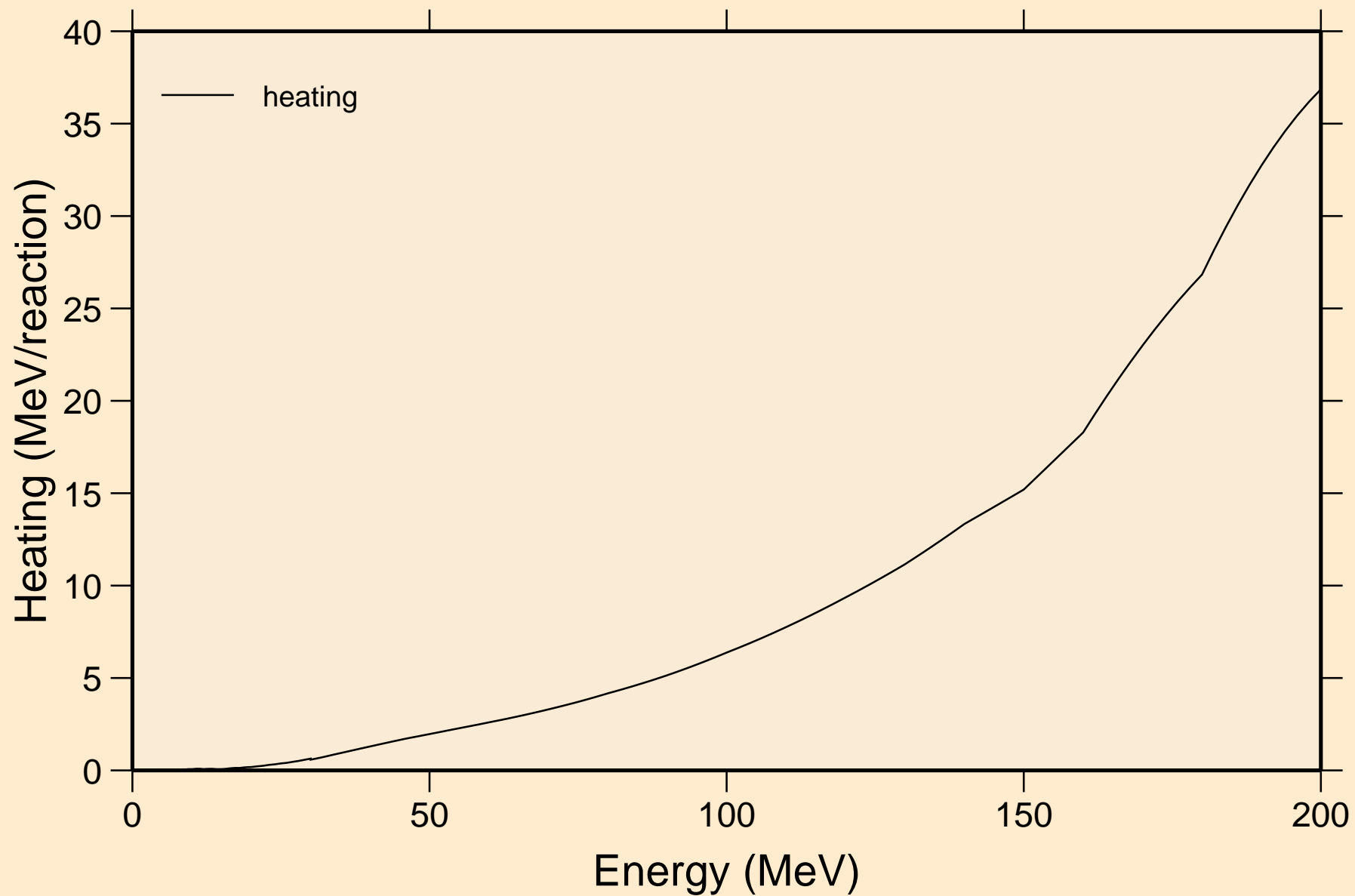
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Principal cross sections

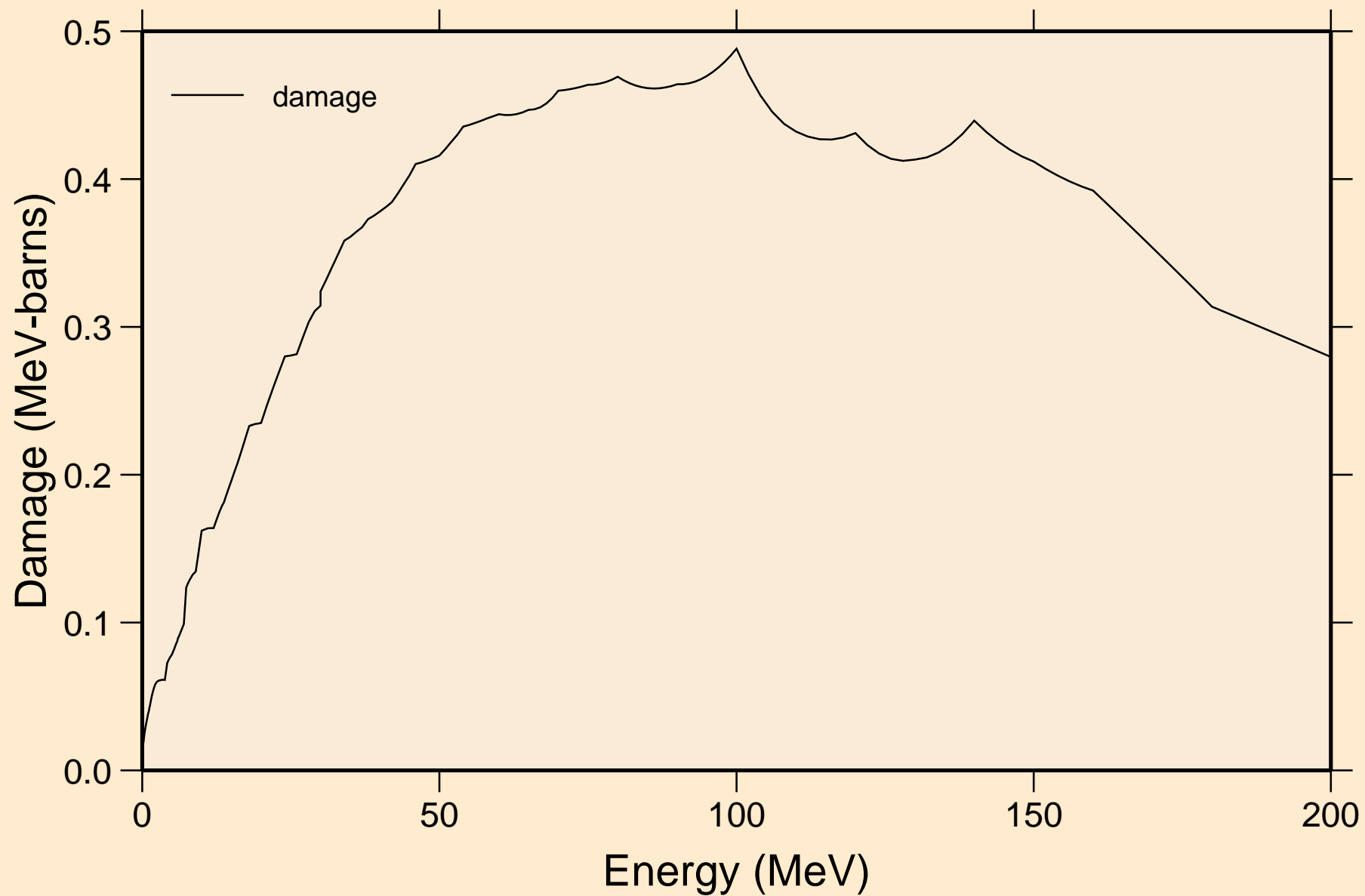




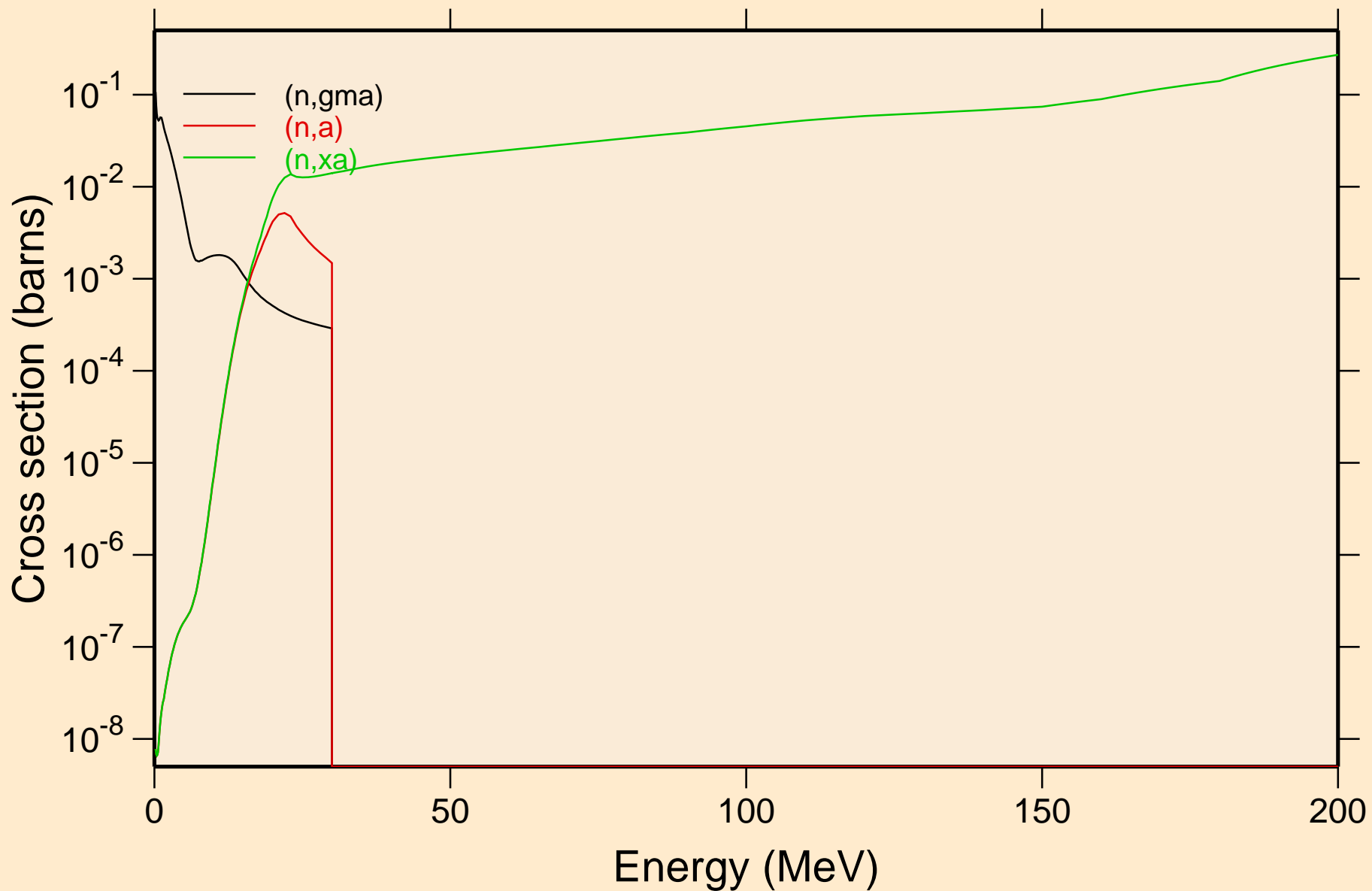
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Heating



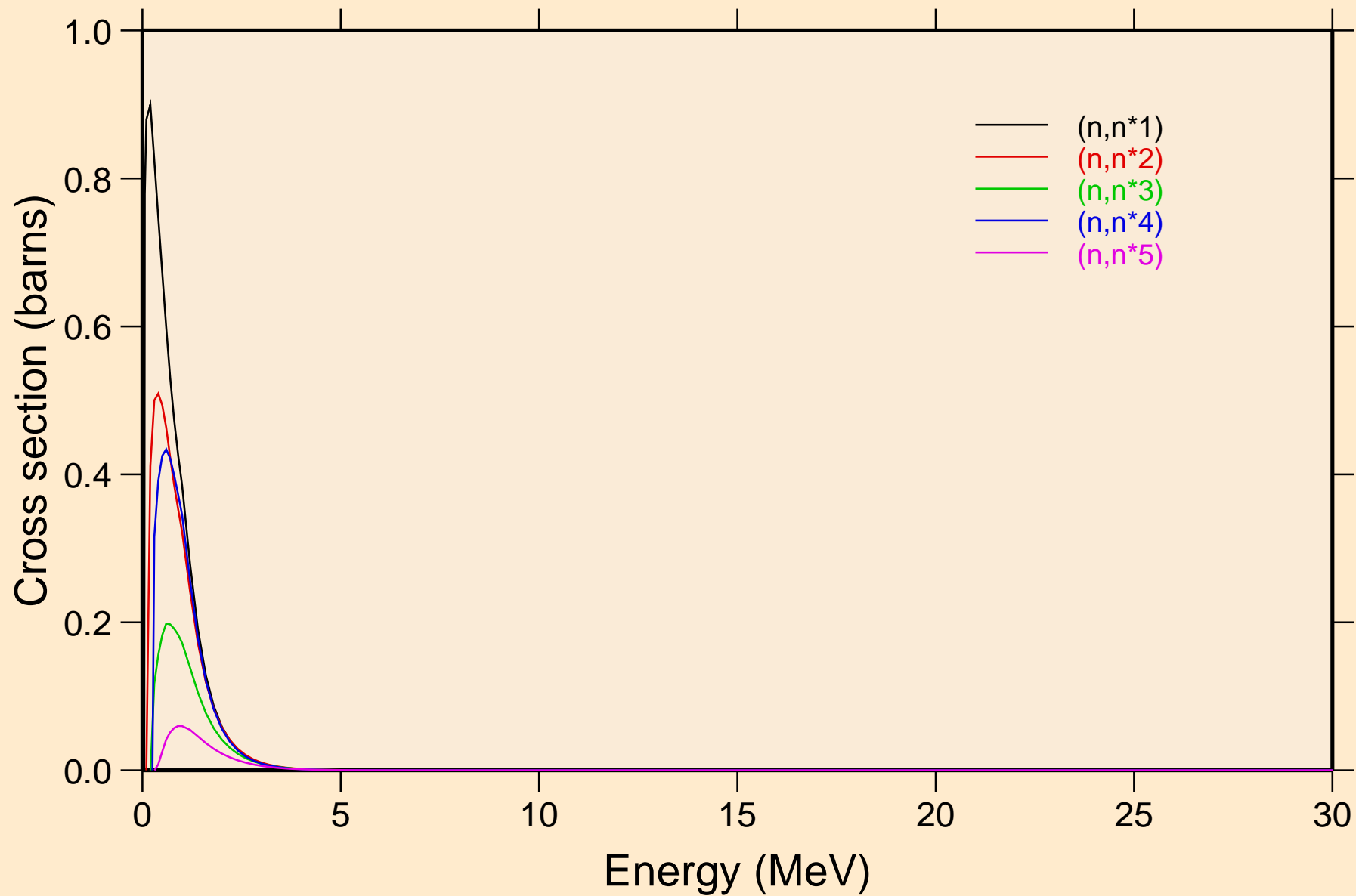
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Damage



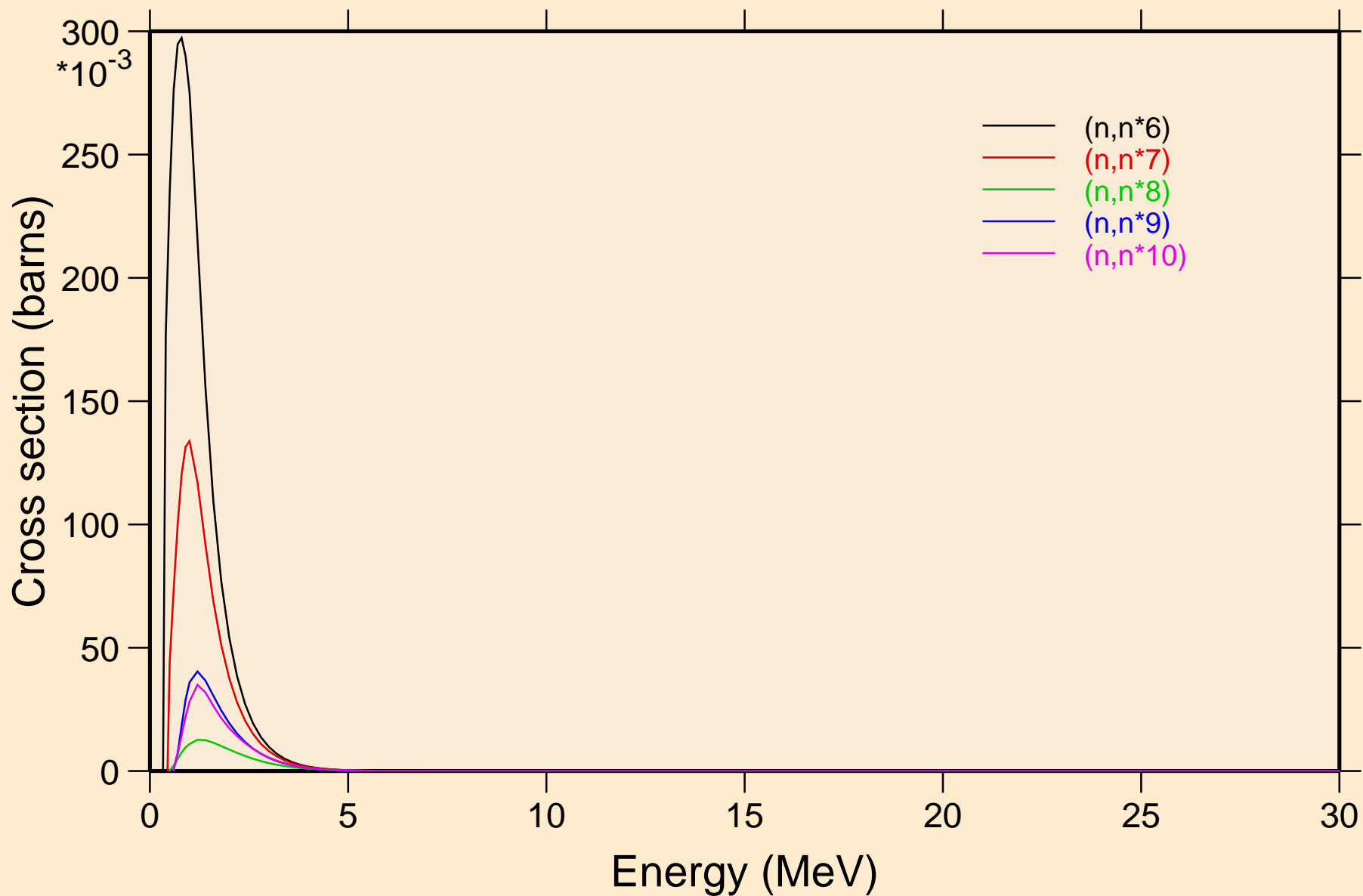
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Non-threshold reactions



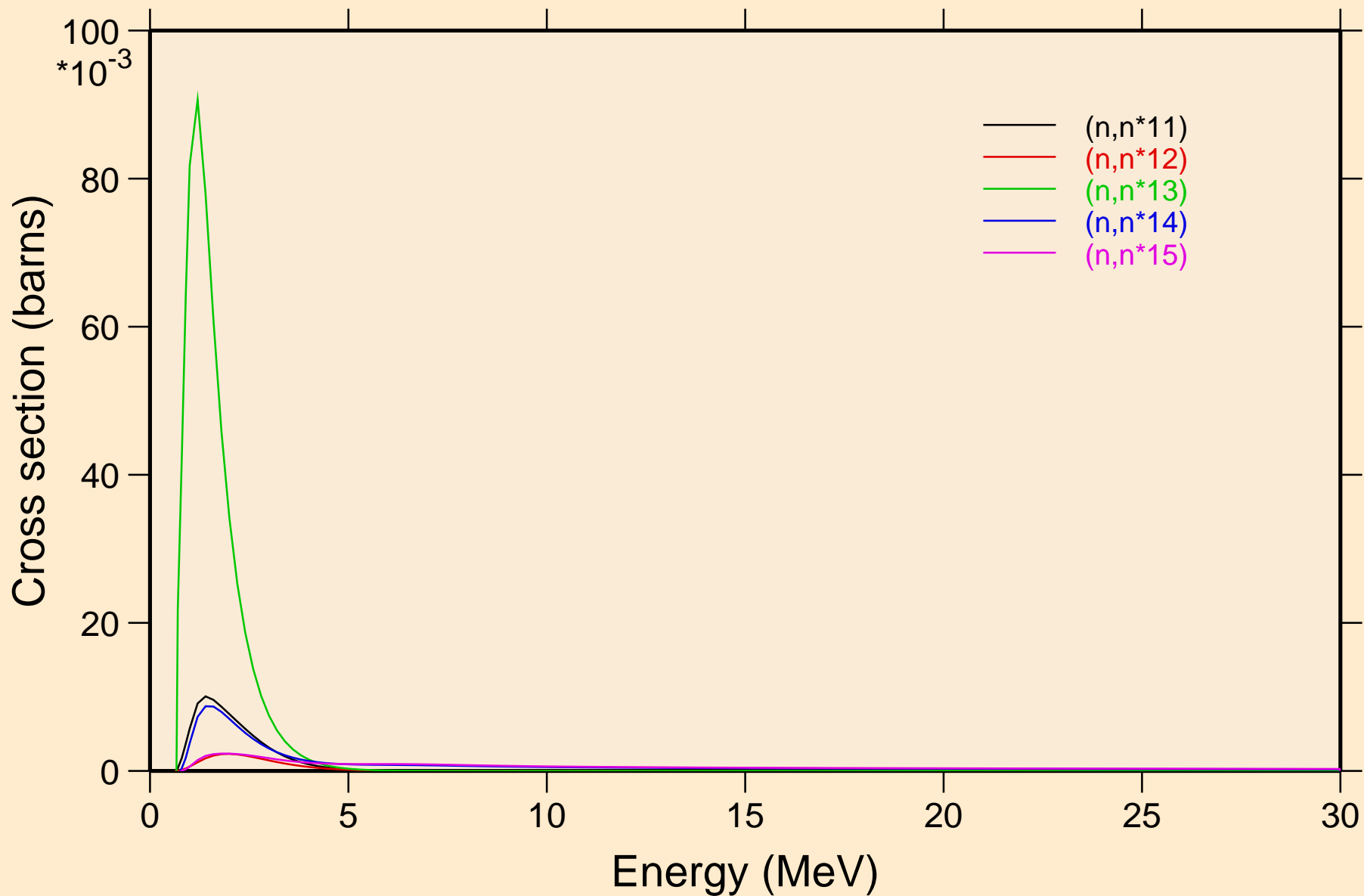
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels



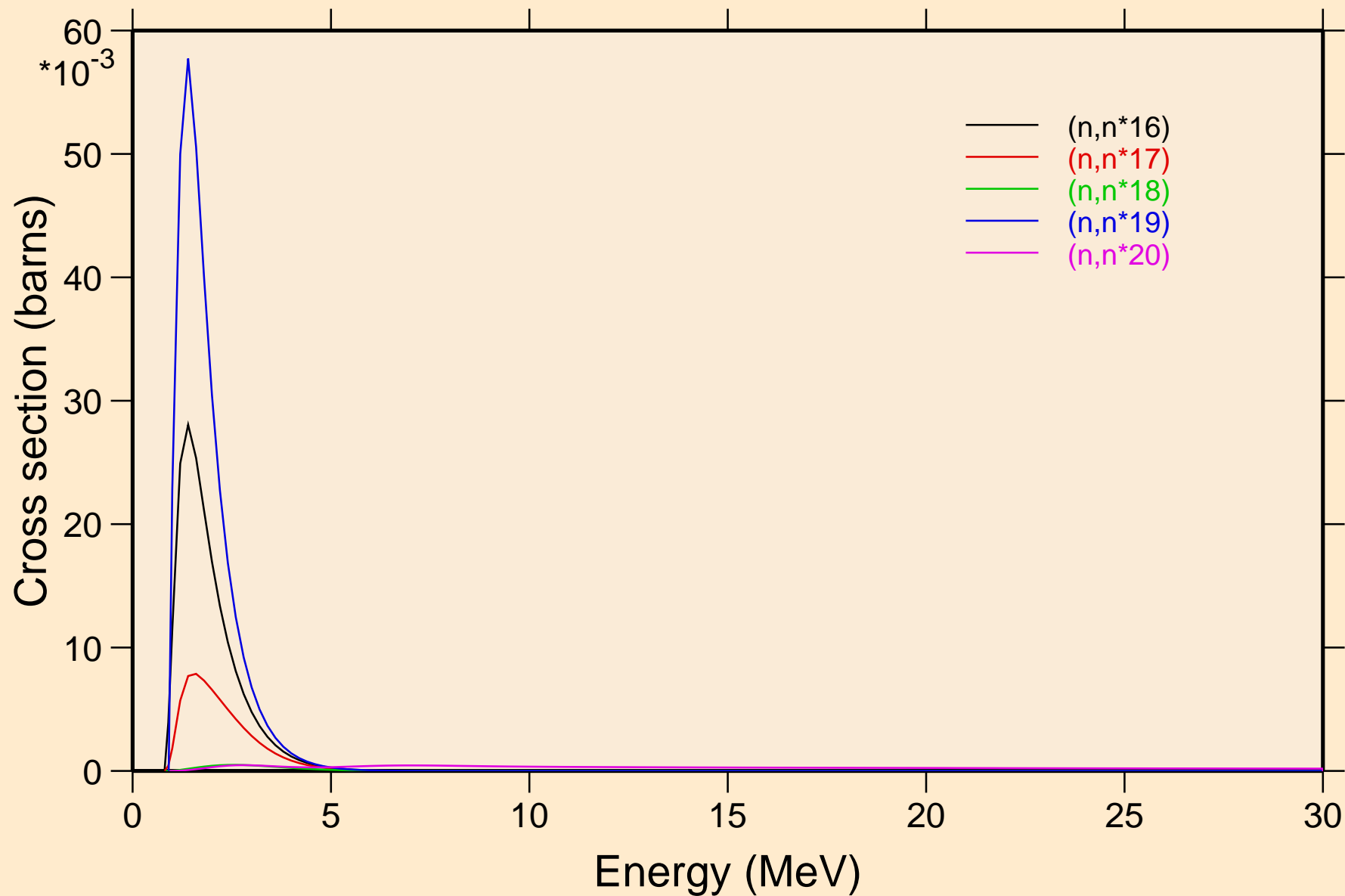
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Inelastic levels



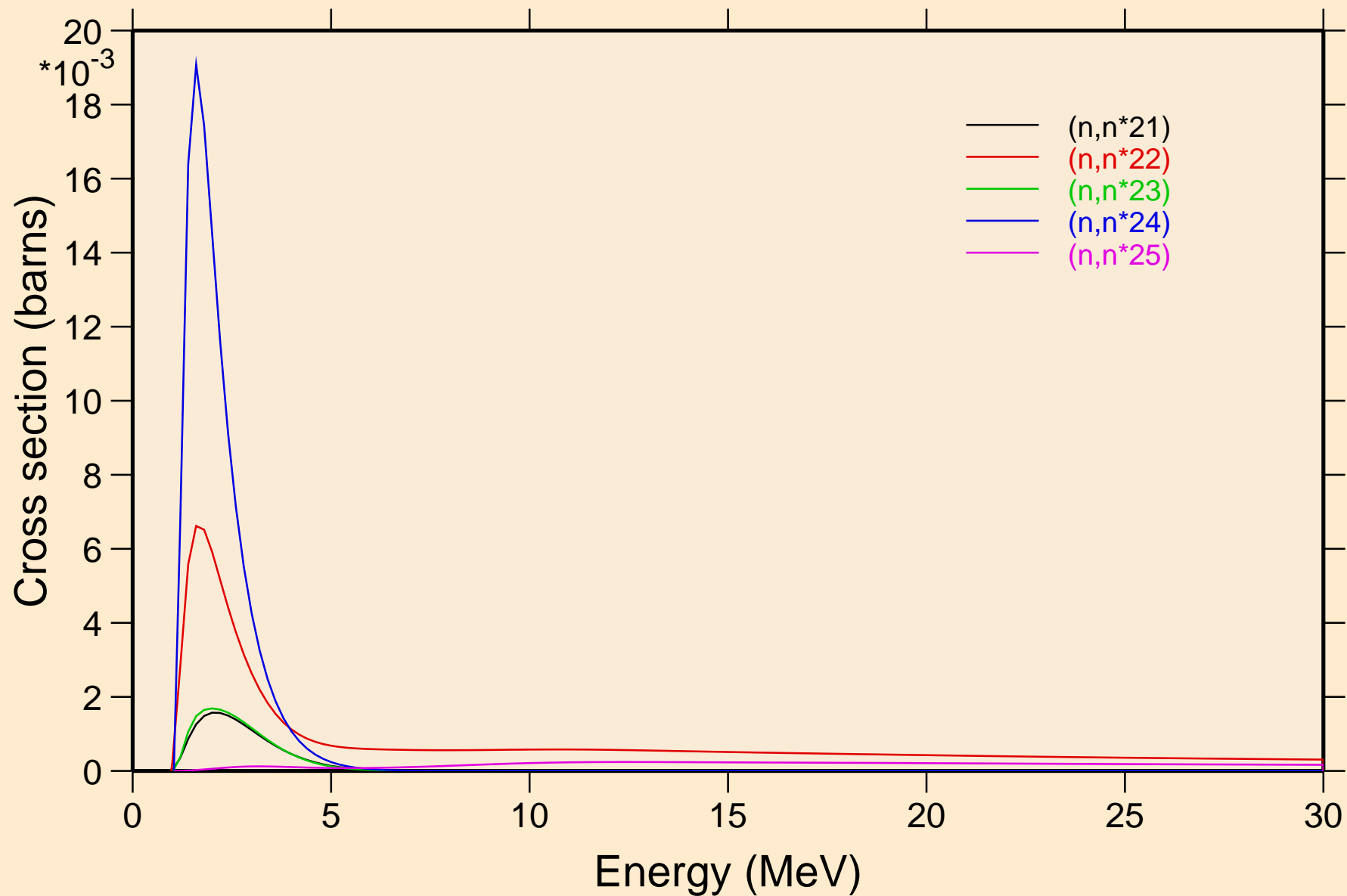
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels

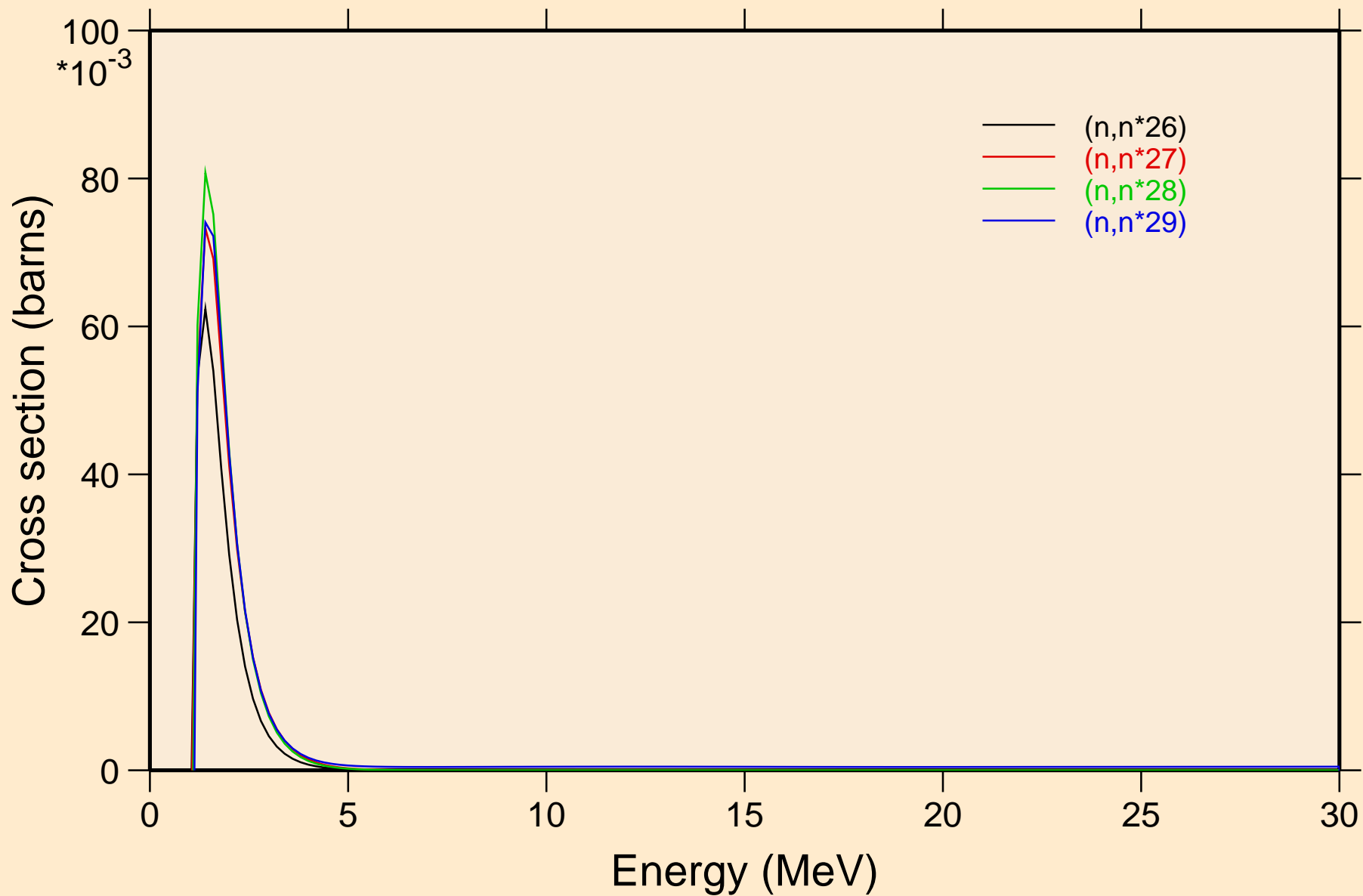


MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels

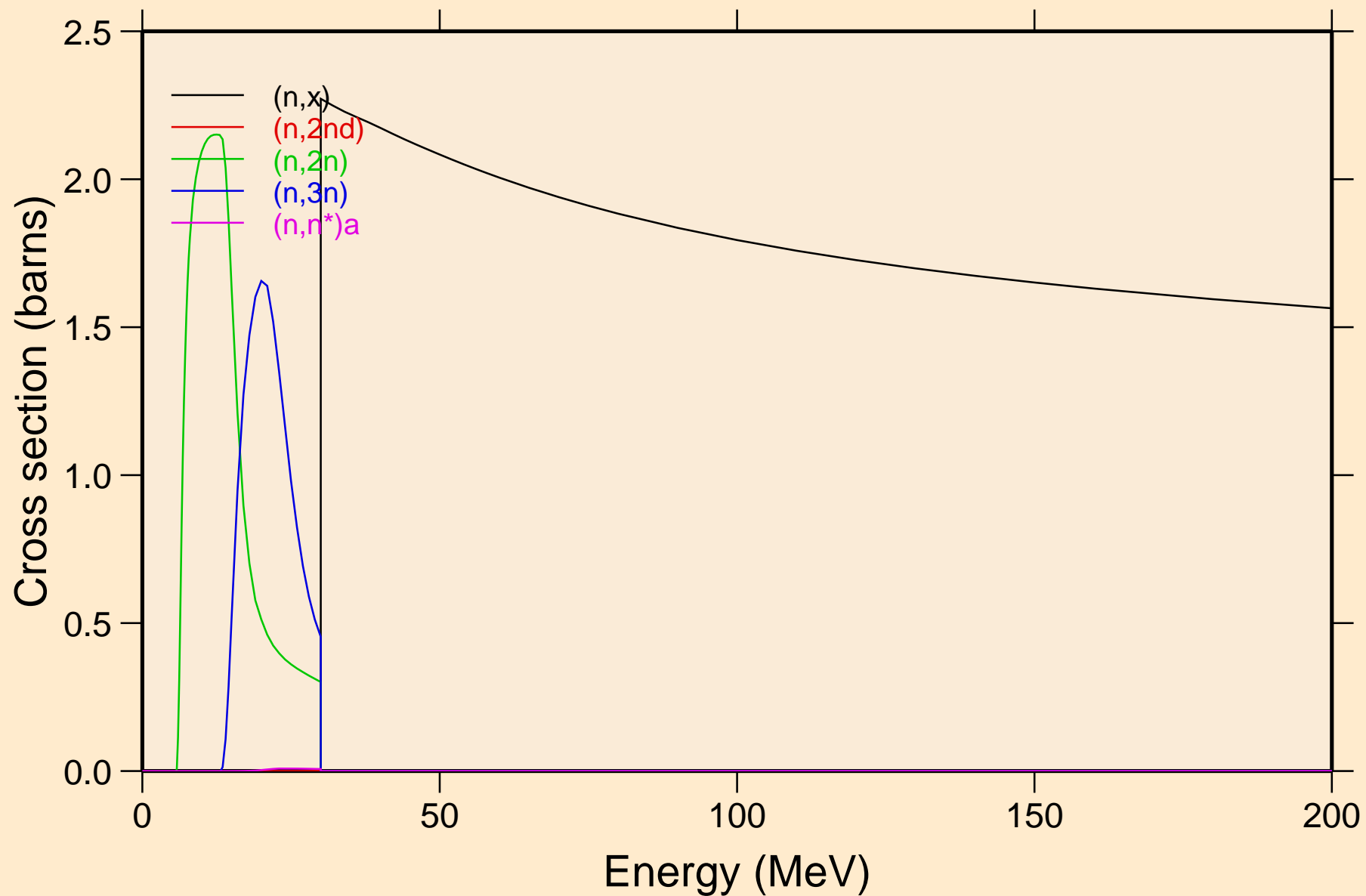




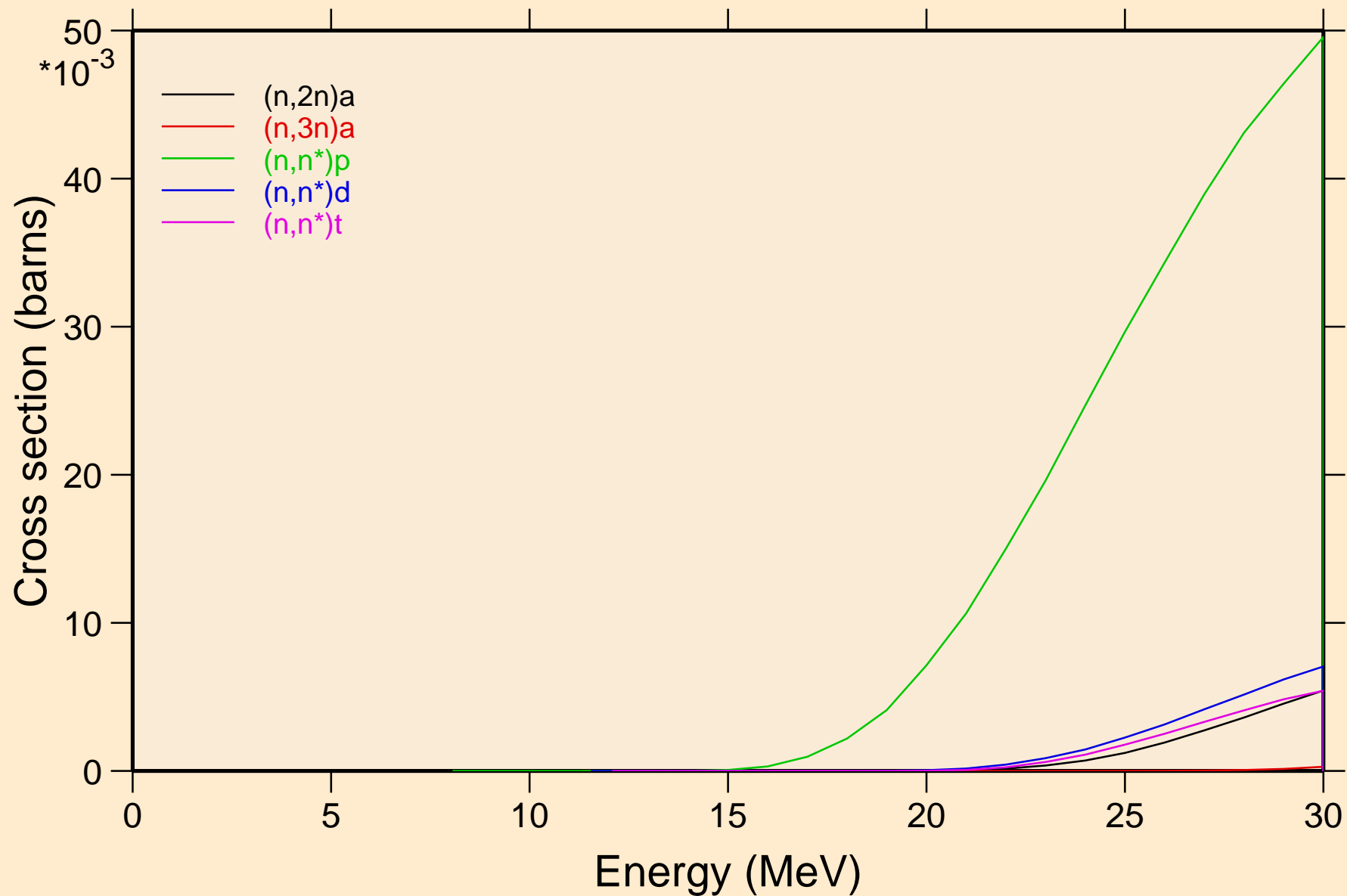
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Inelastic levels



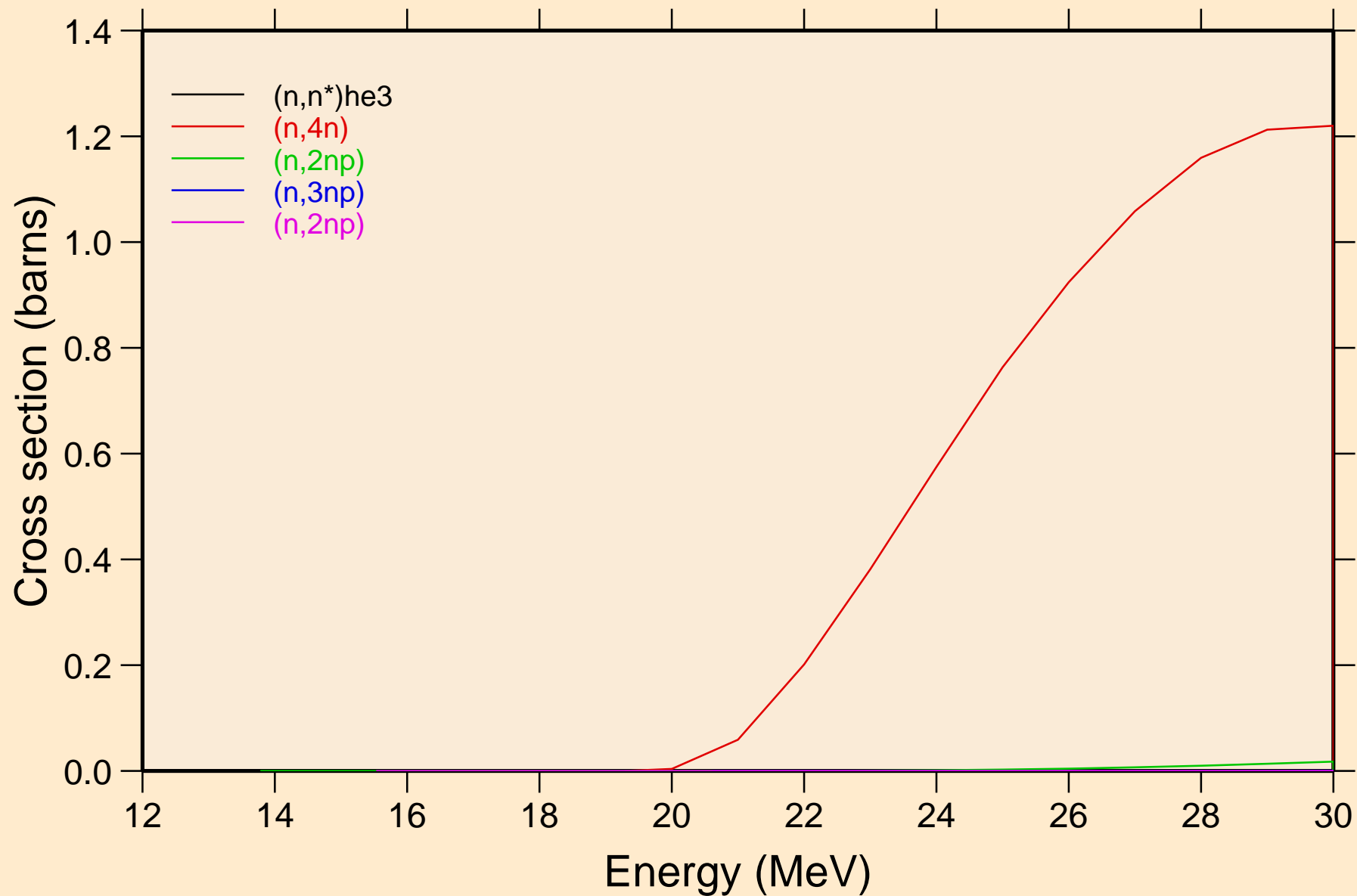
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



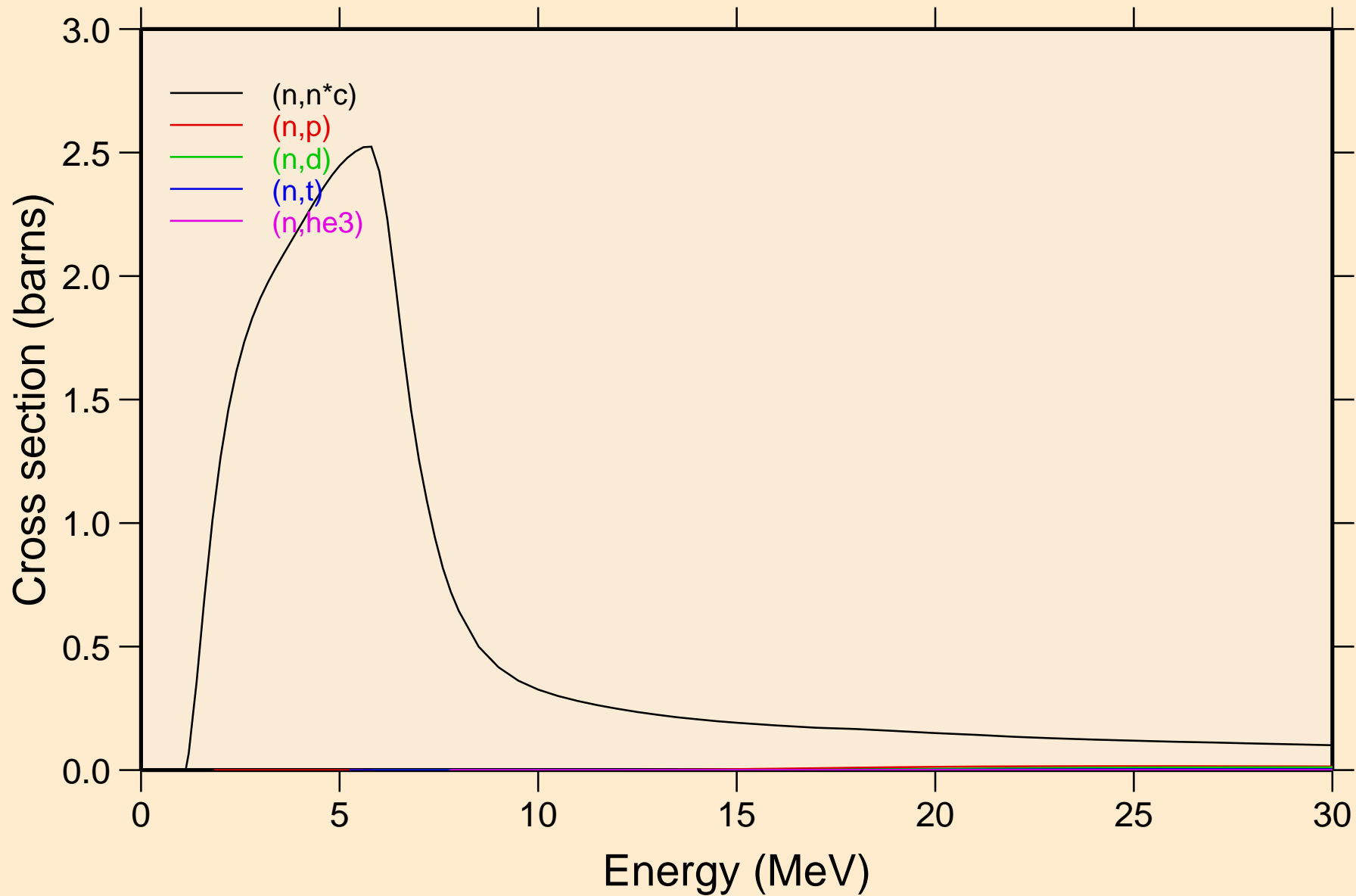
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



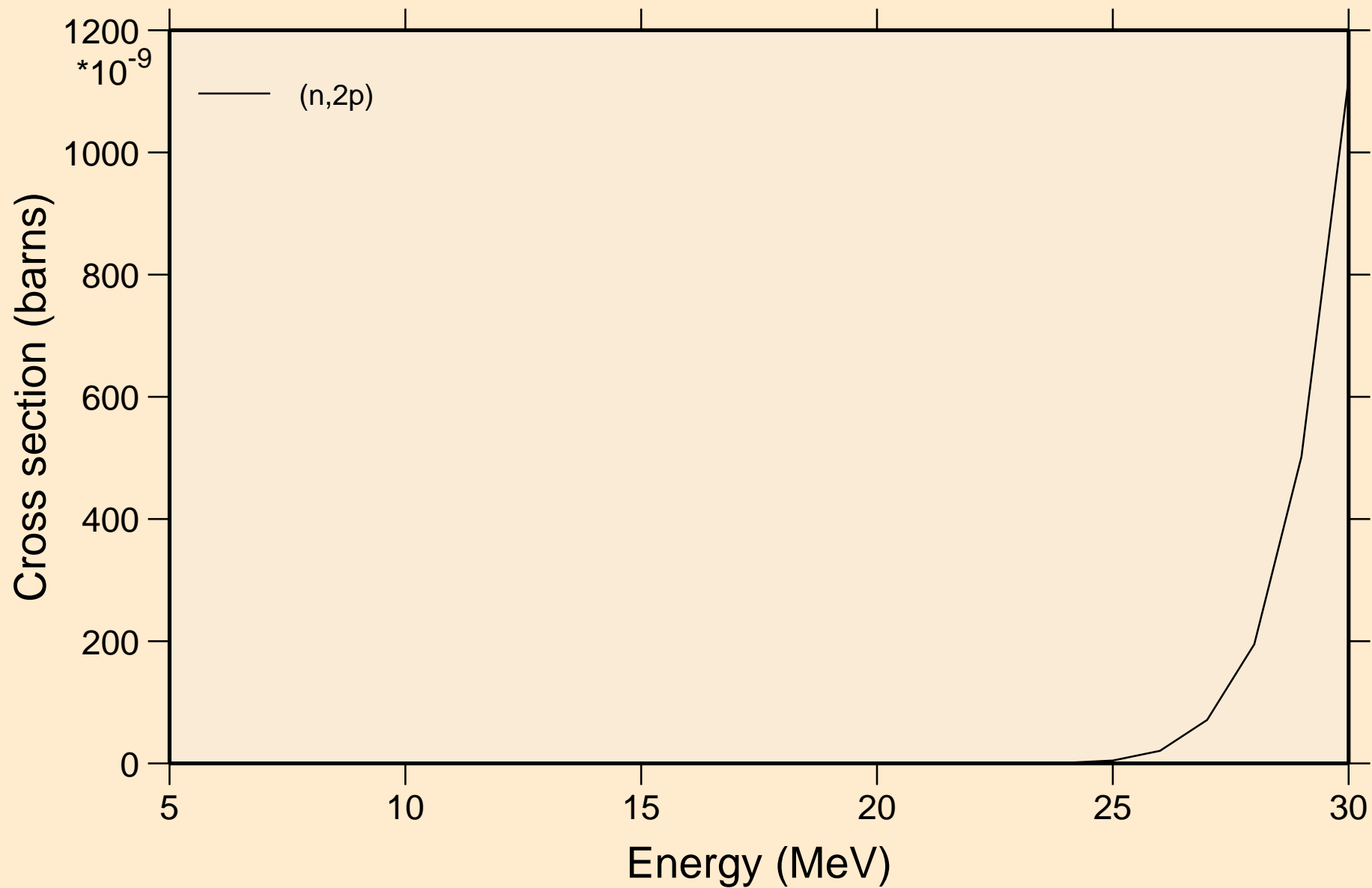
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



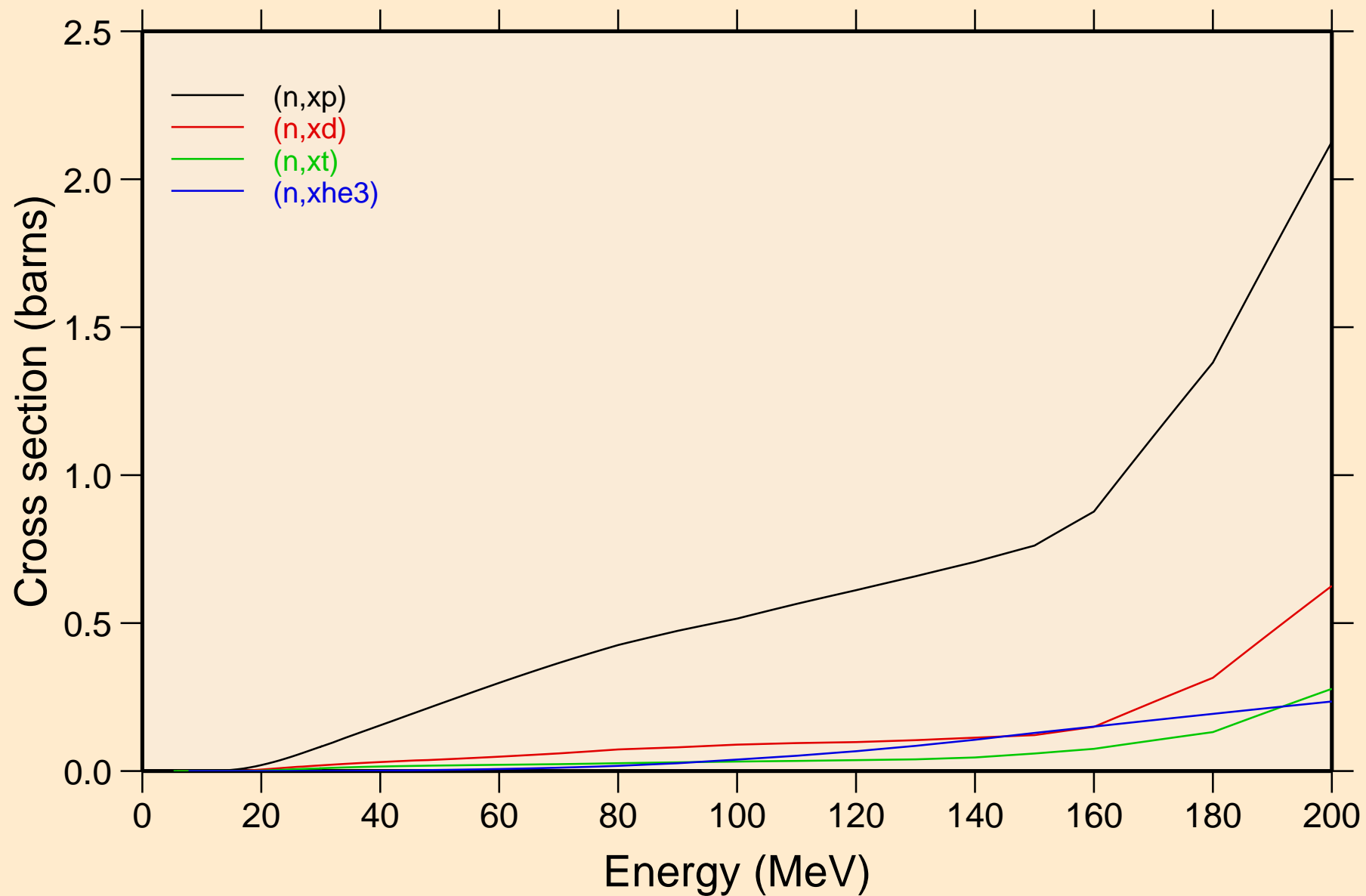
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Threshold reactions



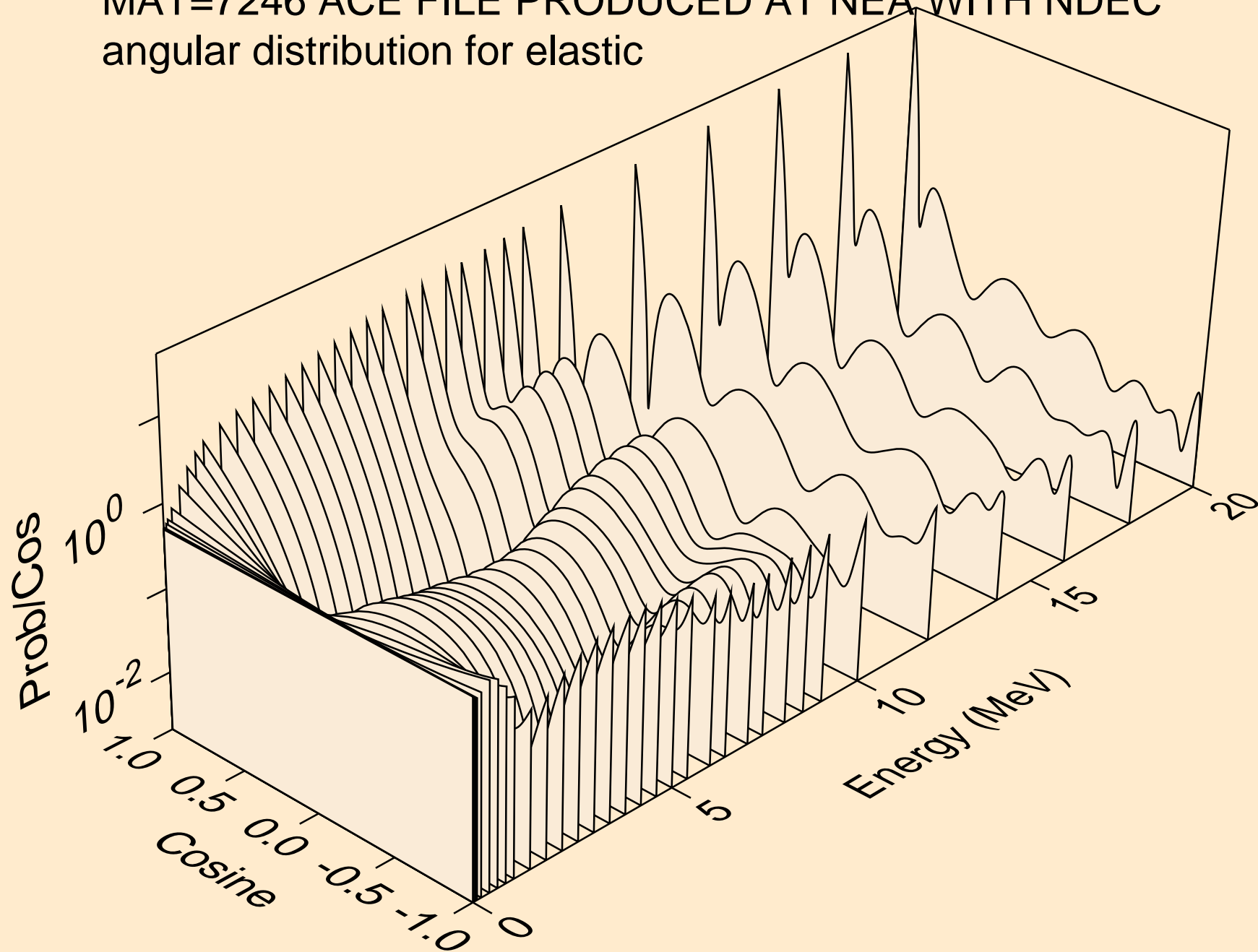
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions

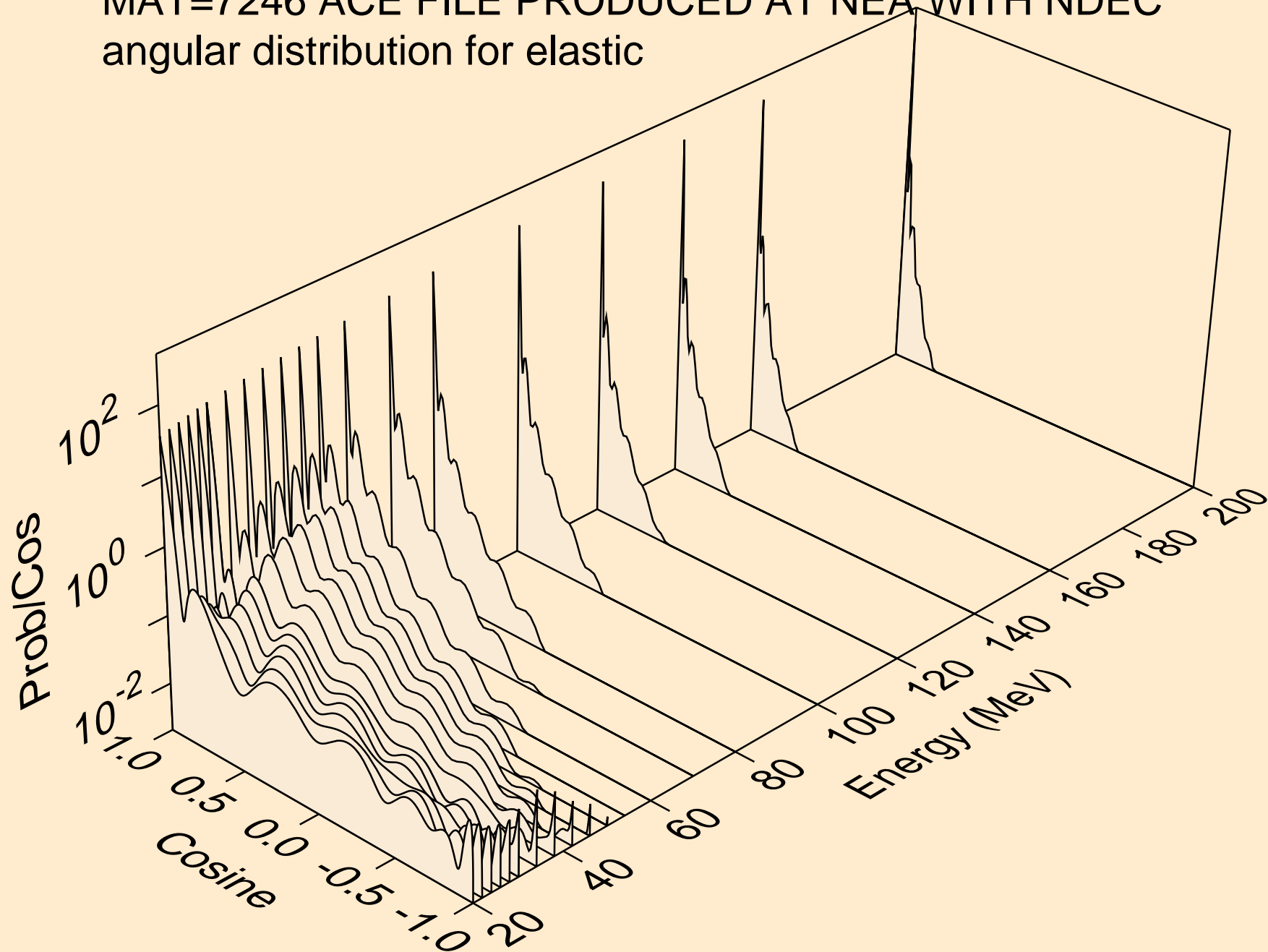


MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for elastic

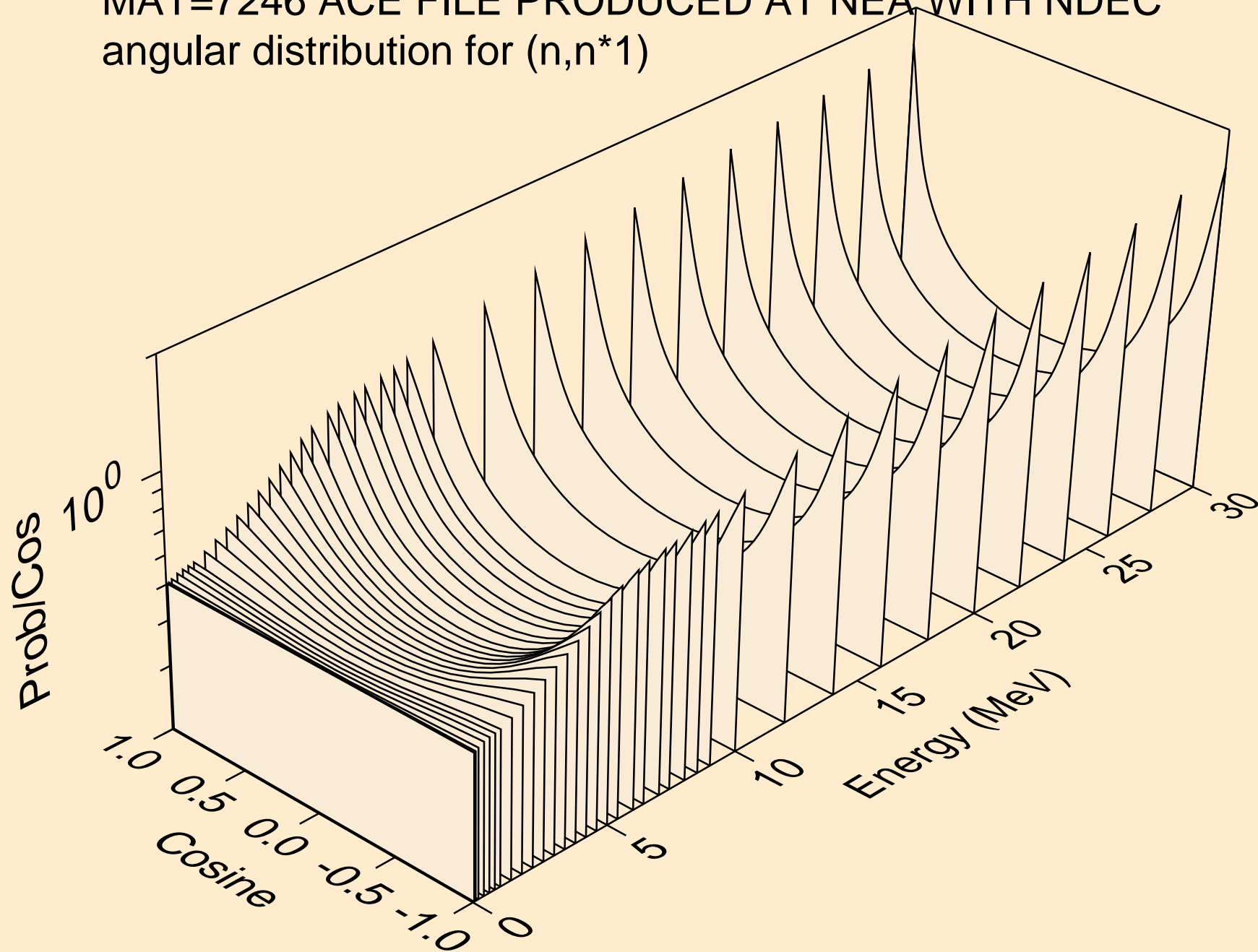




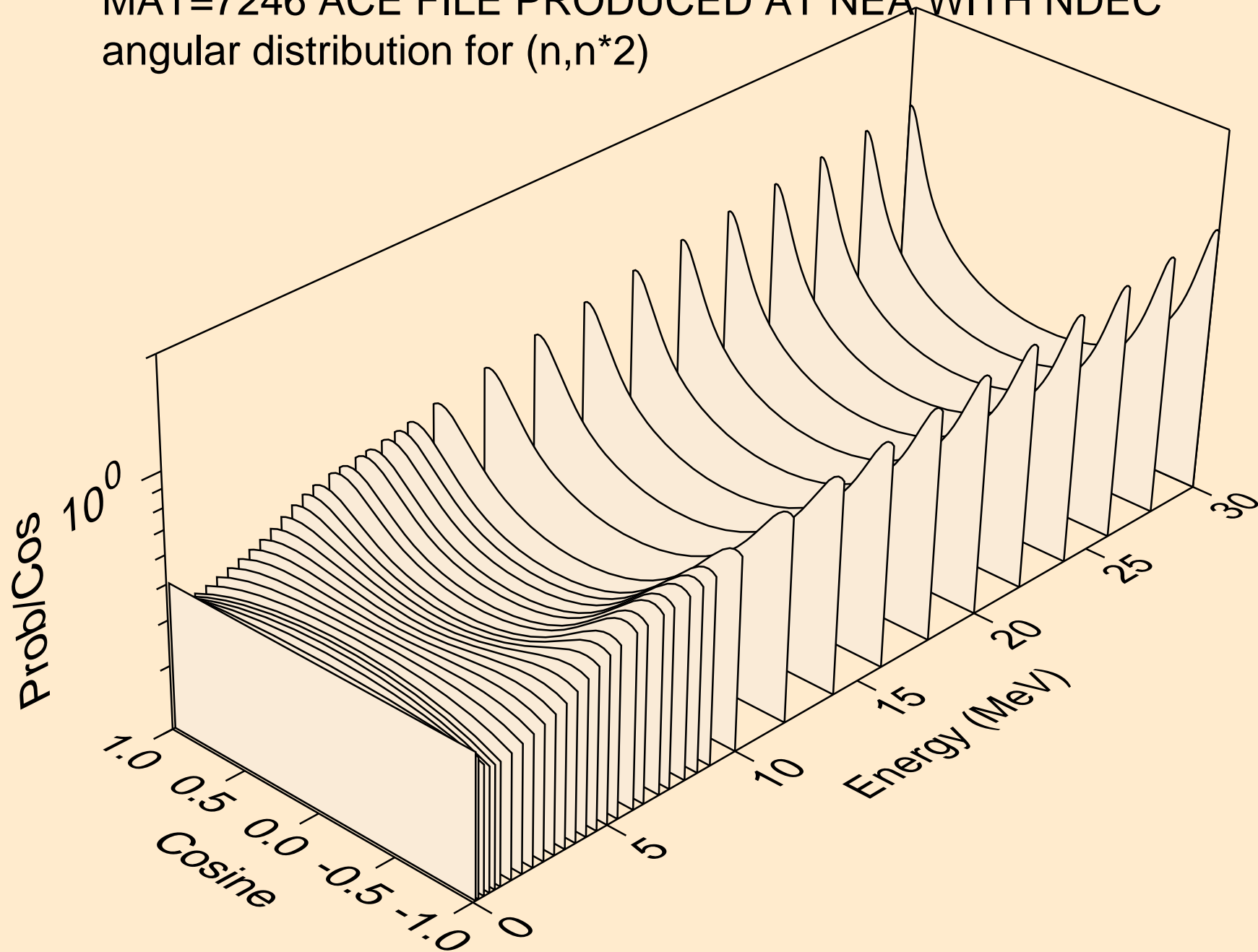
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for elastic



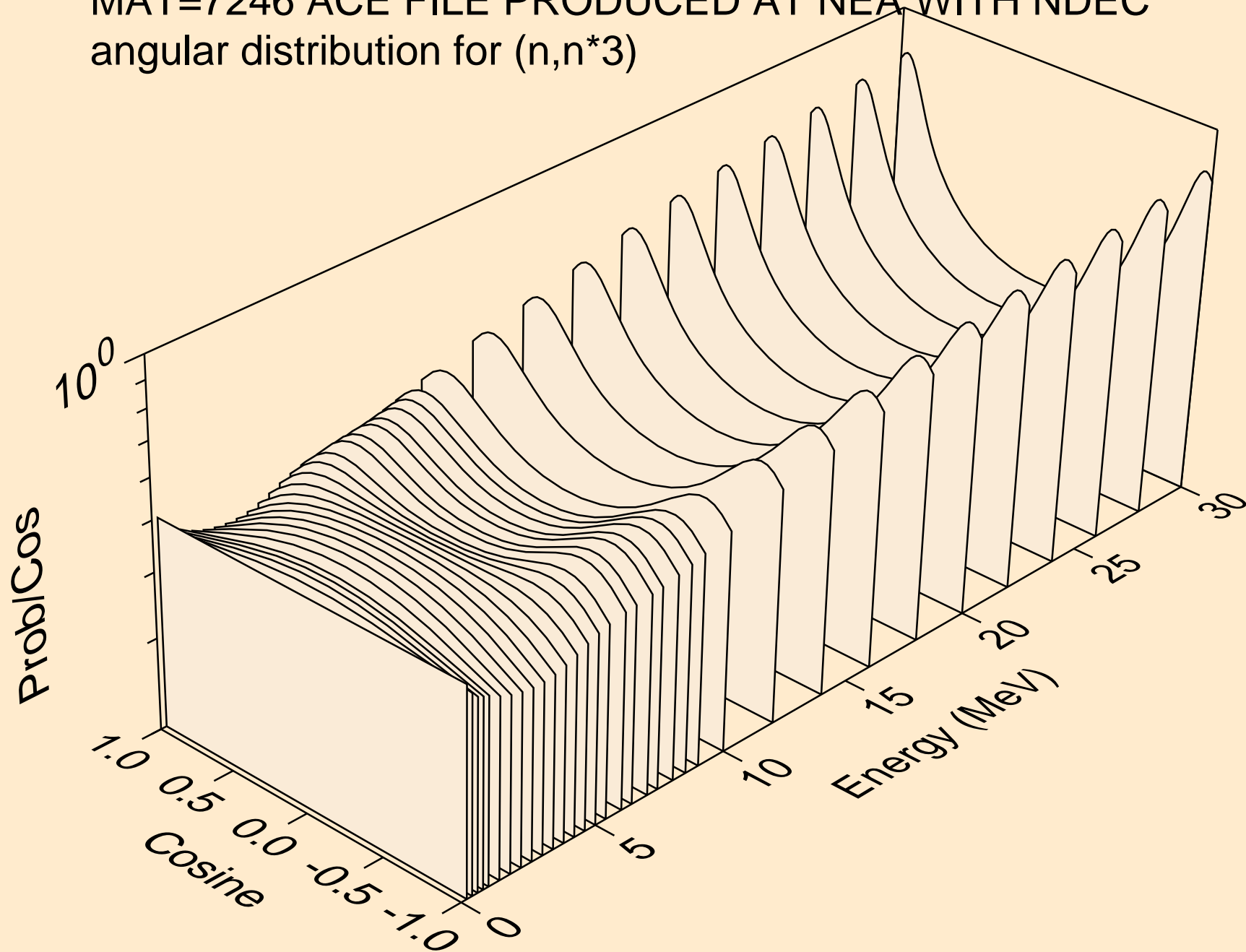
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angular distribution for (n,n\*1)



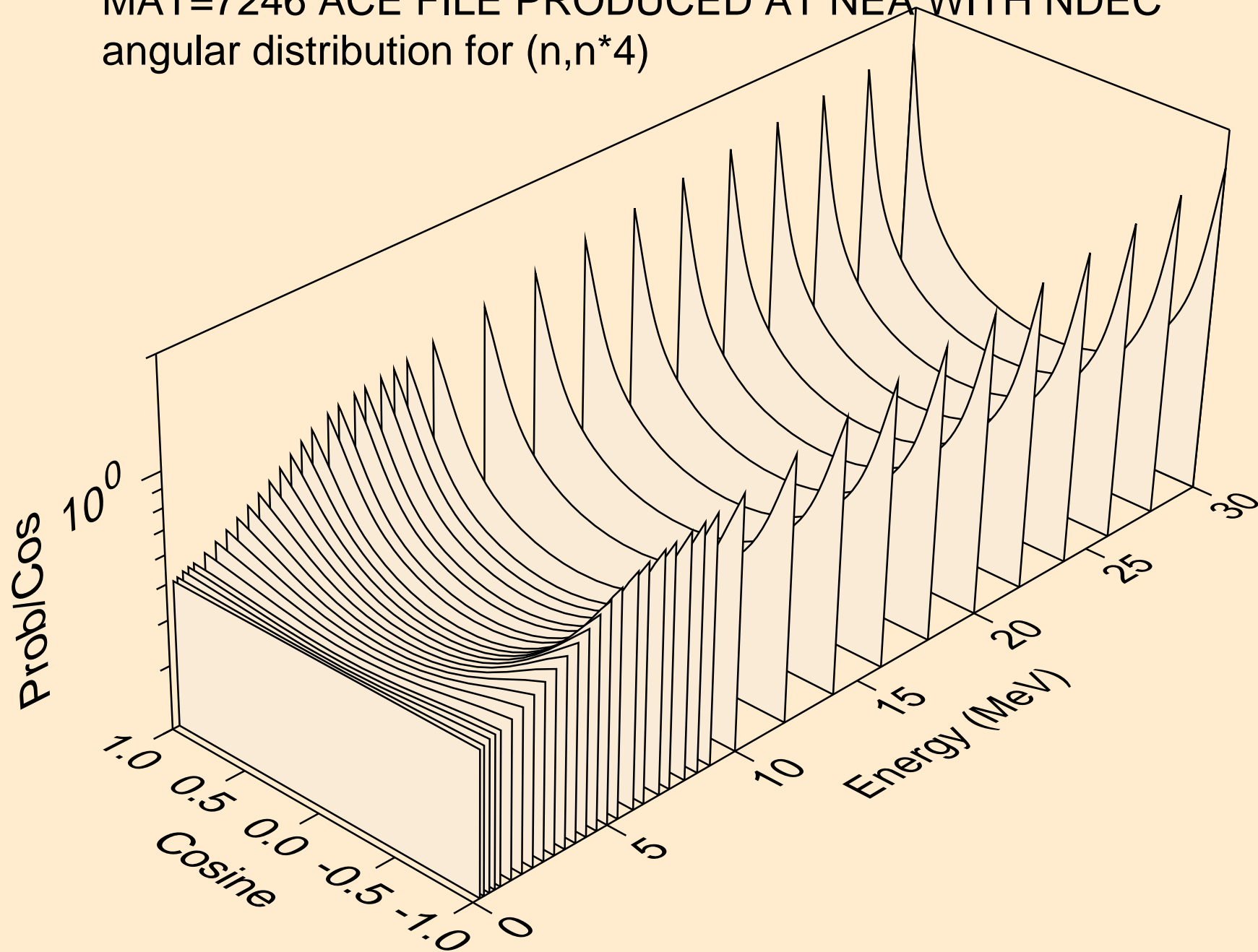
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angular distribution for (n,n\*2)



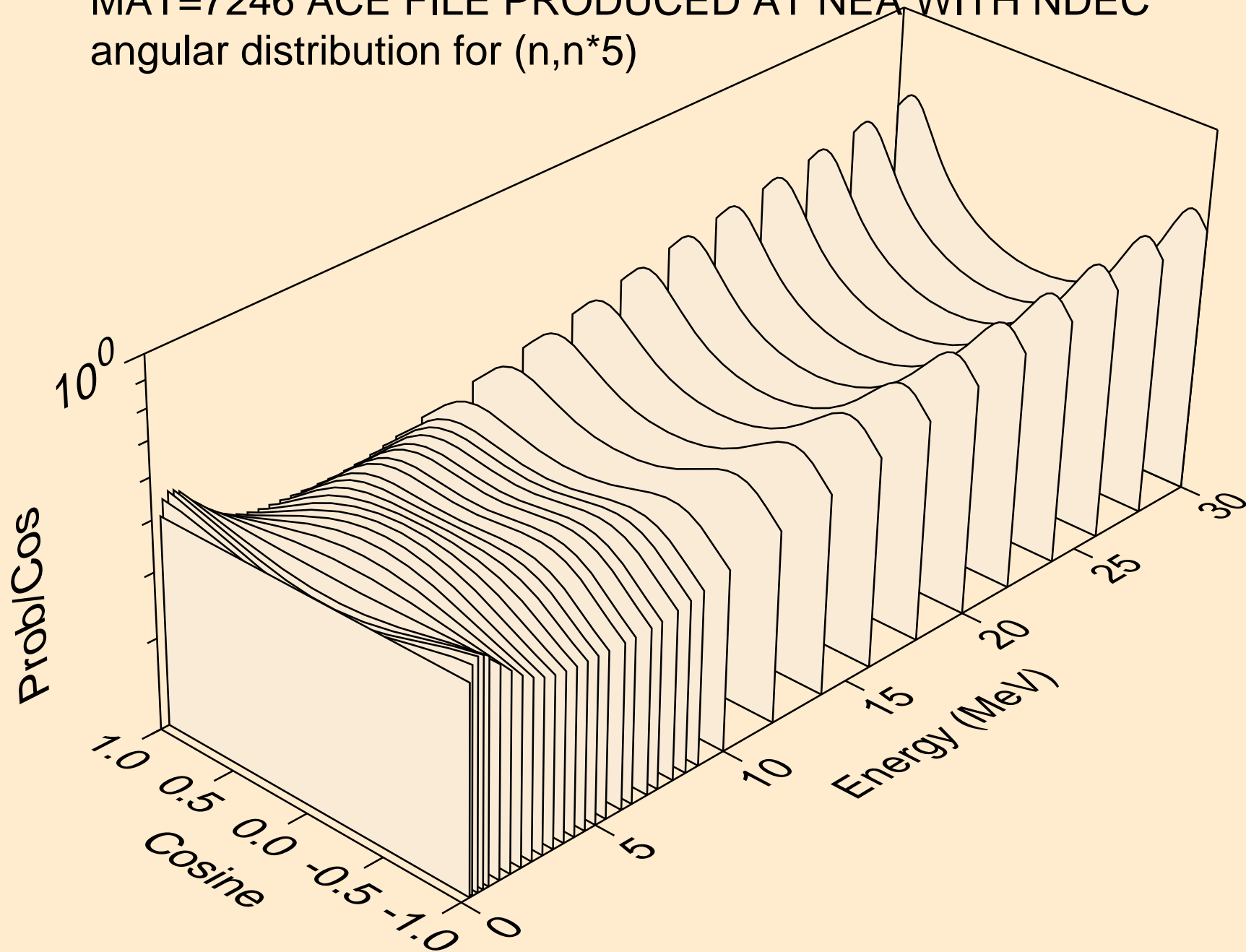
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angular distribution for (n,n\*3)



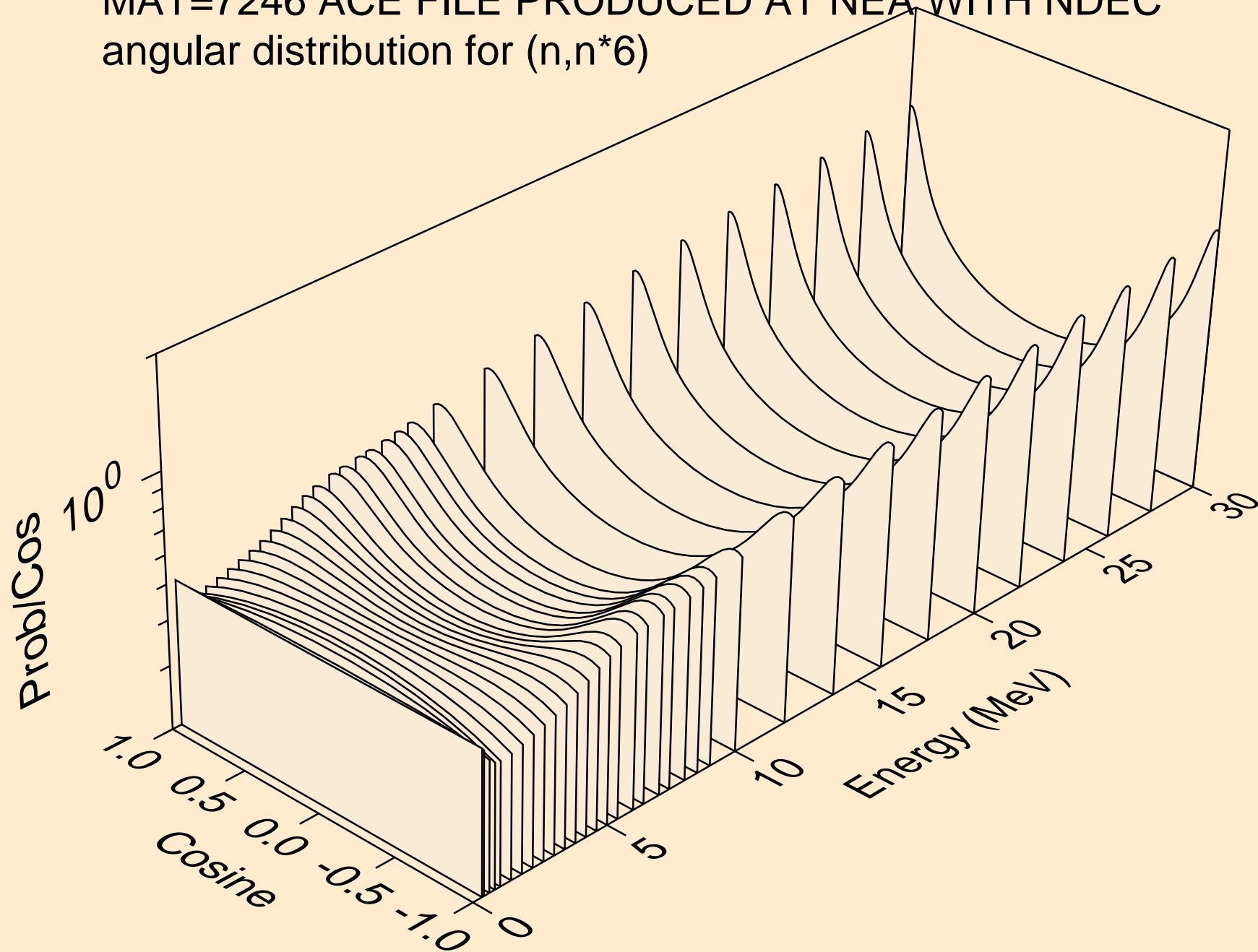
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angular distribution for (n,n\*4)



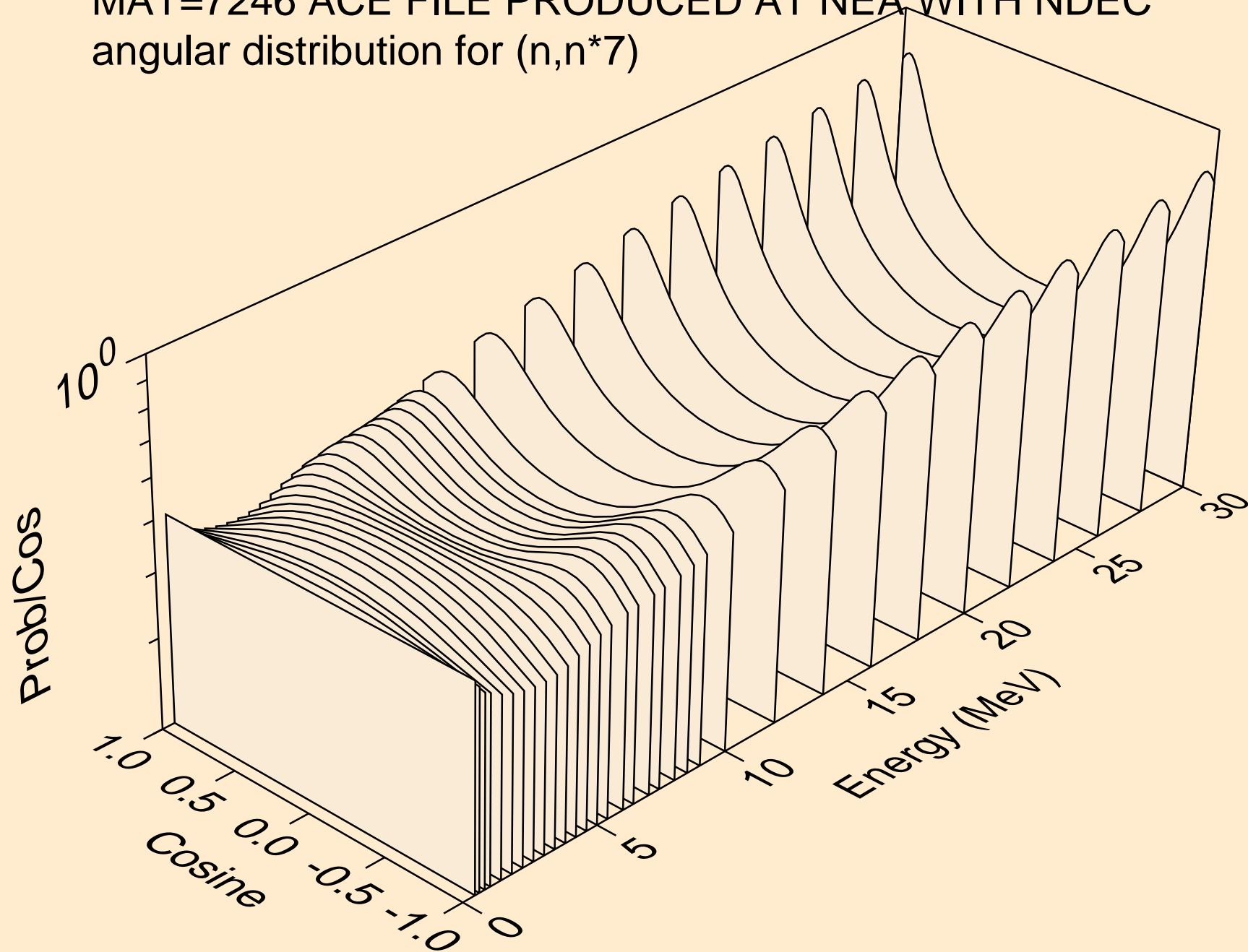
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angular distribution for (n,n\*5)



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*6)

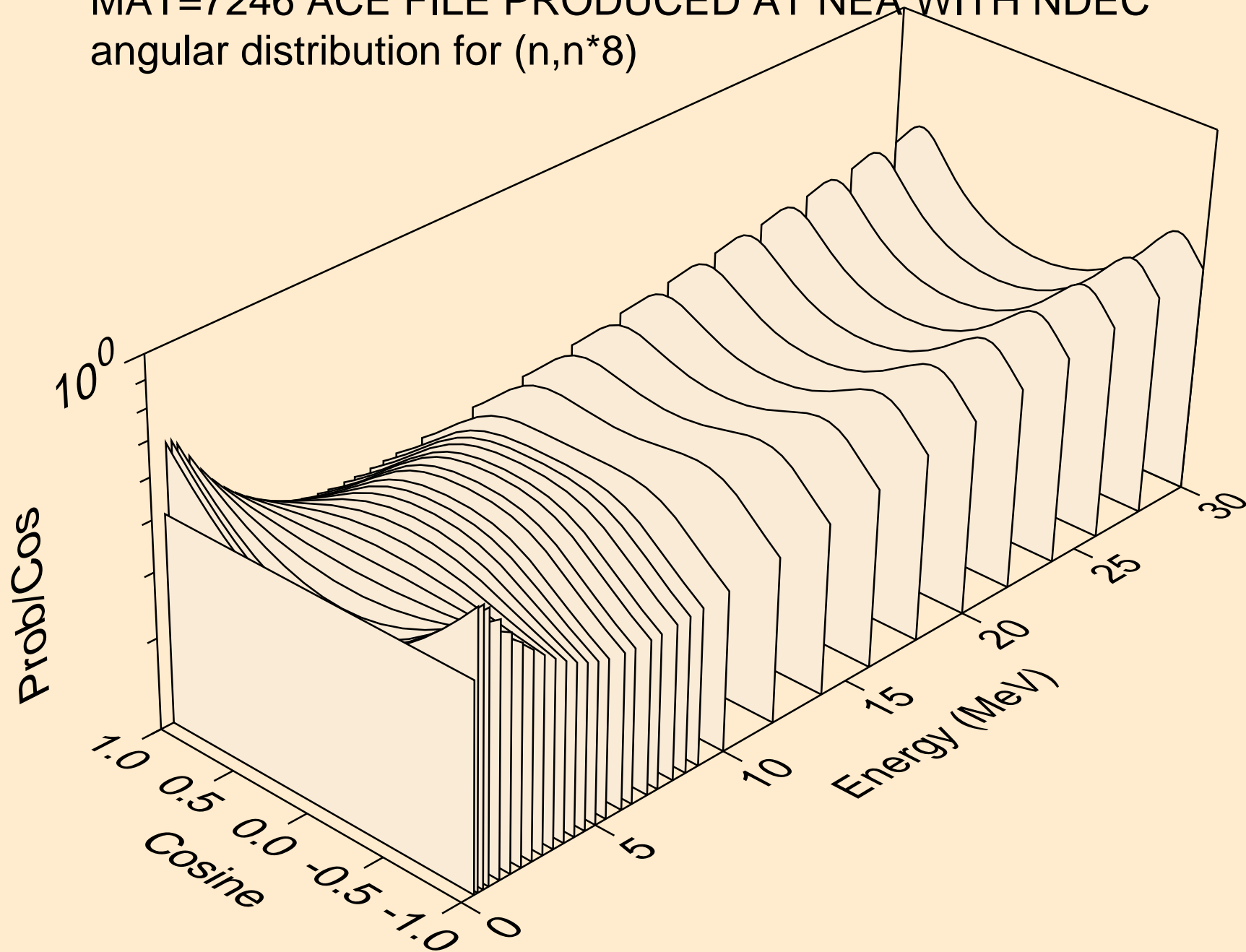


MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*7)

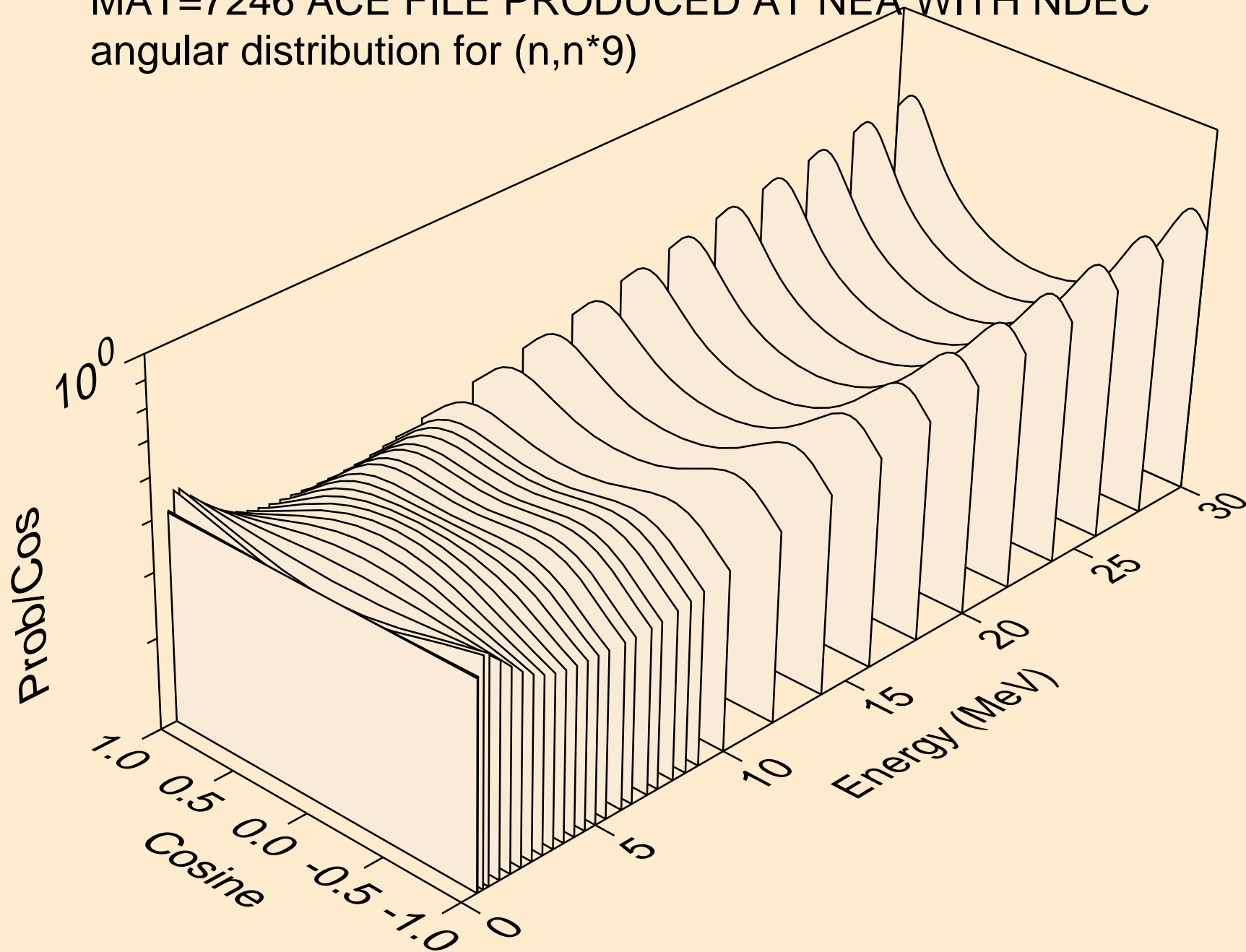




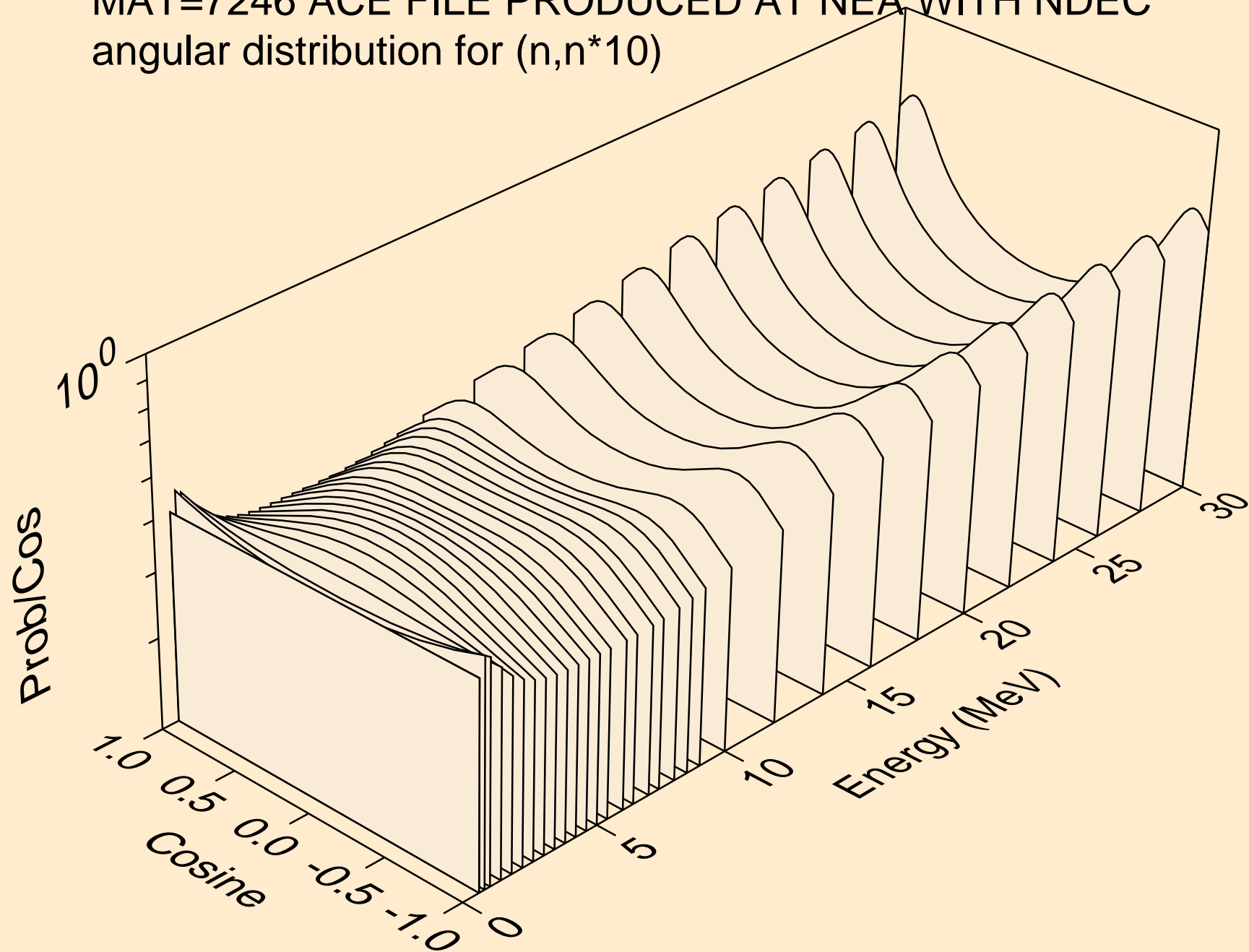
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*8)



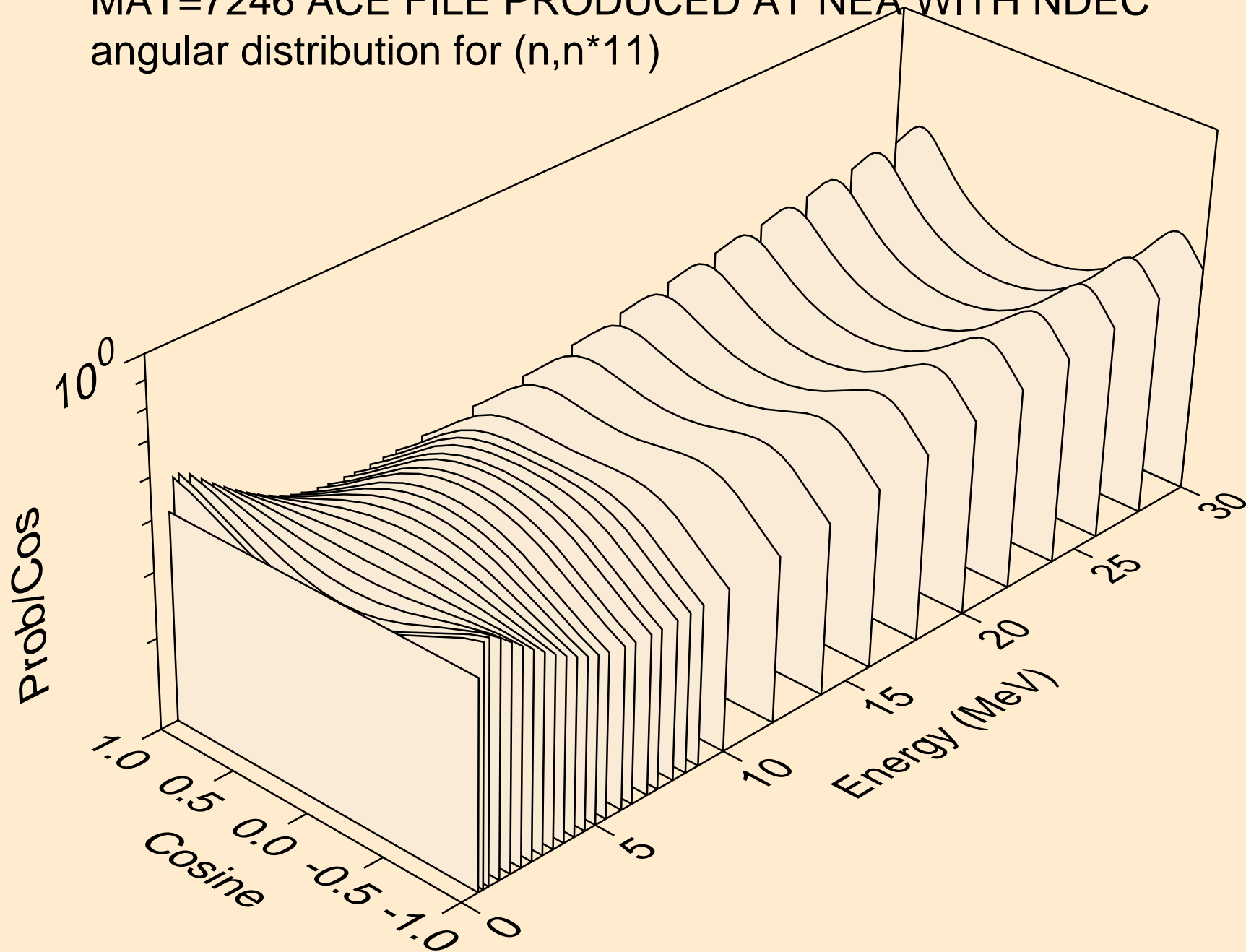
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angular distribution for (n,n\*9)



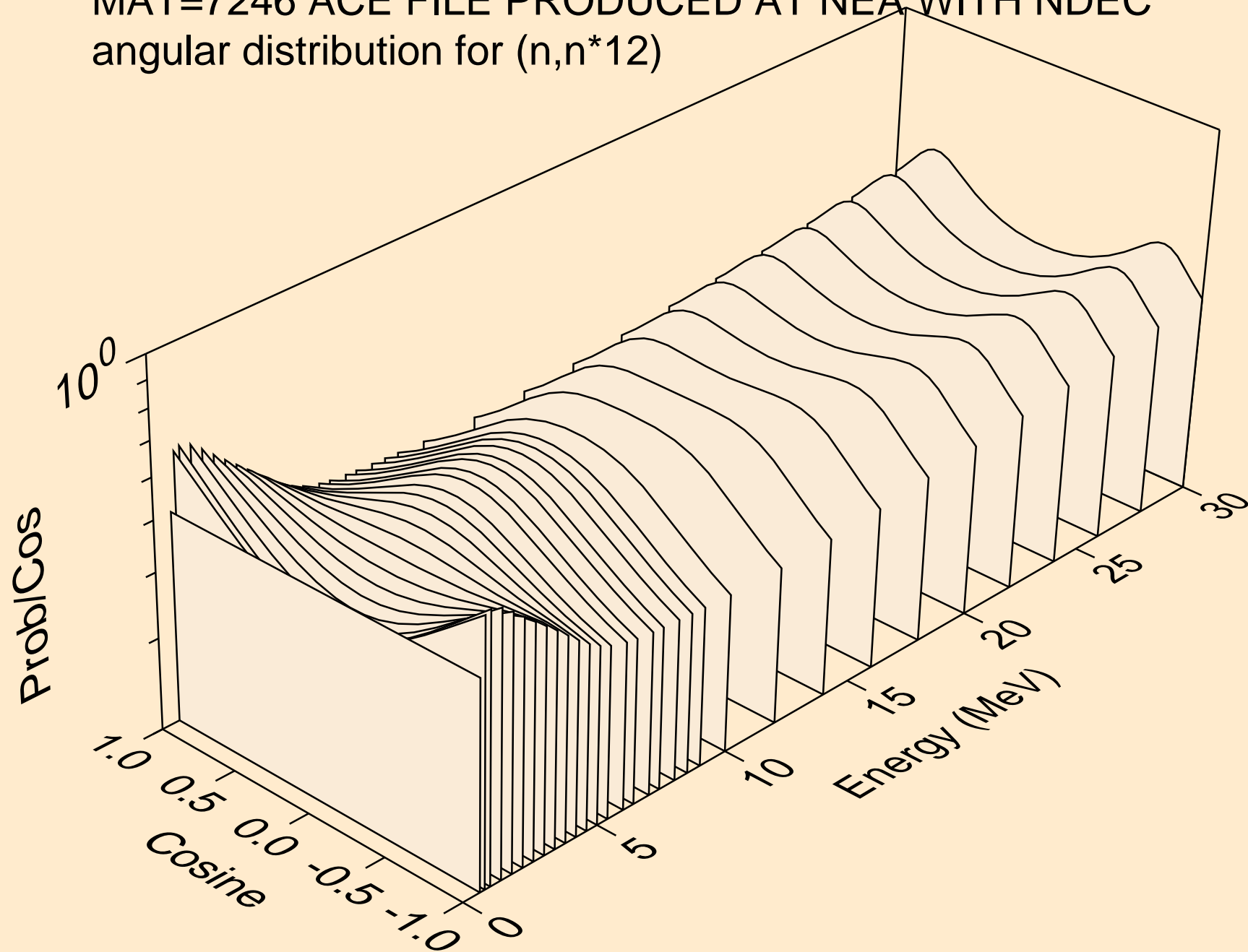
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angular distribution for (n,n\*10)



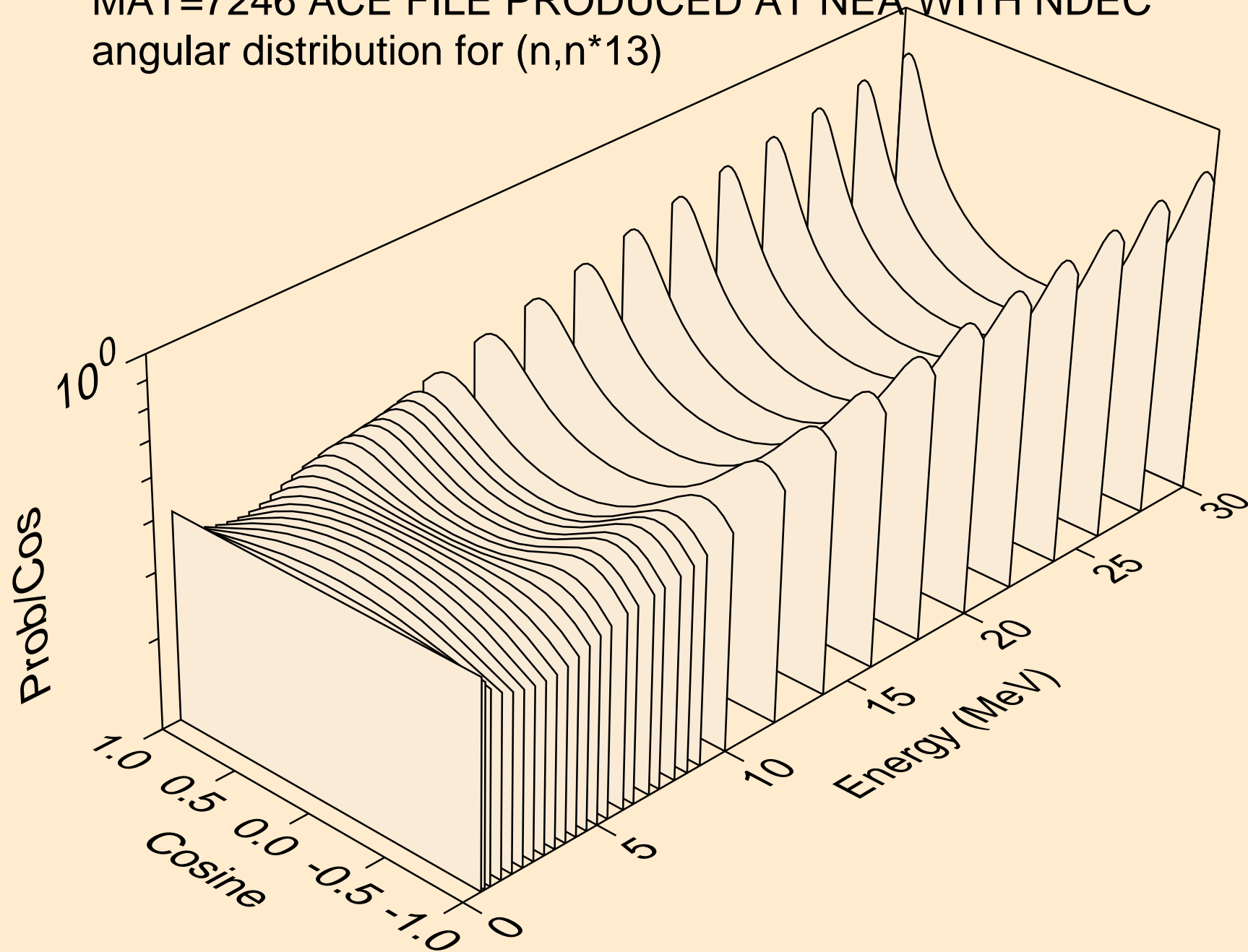
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angular distribution for (n,n\*11)



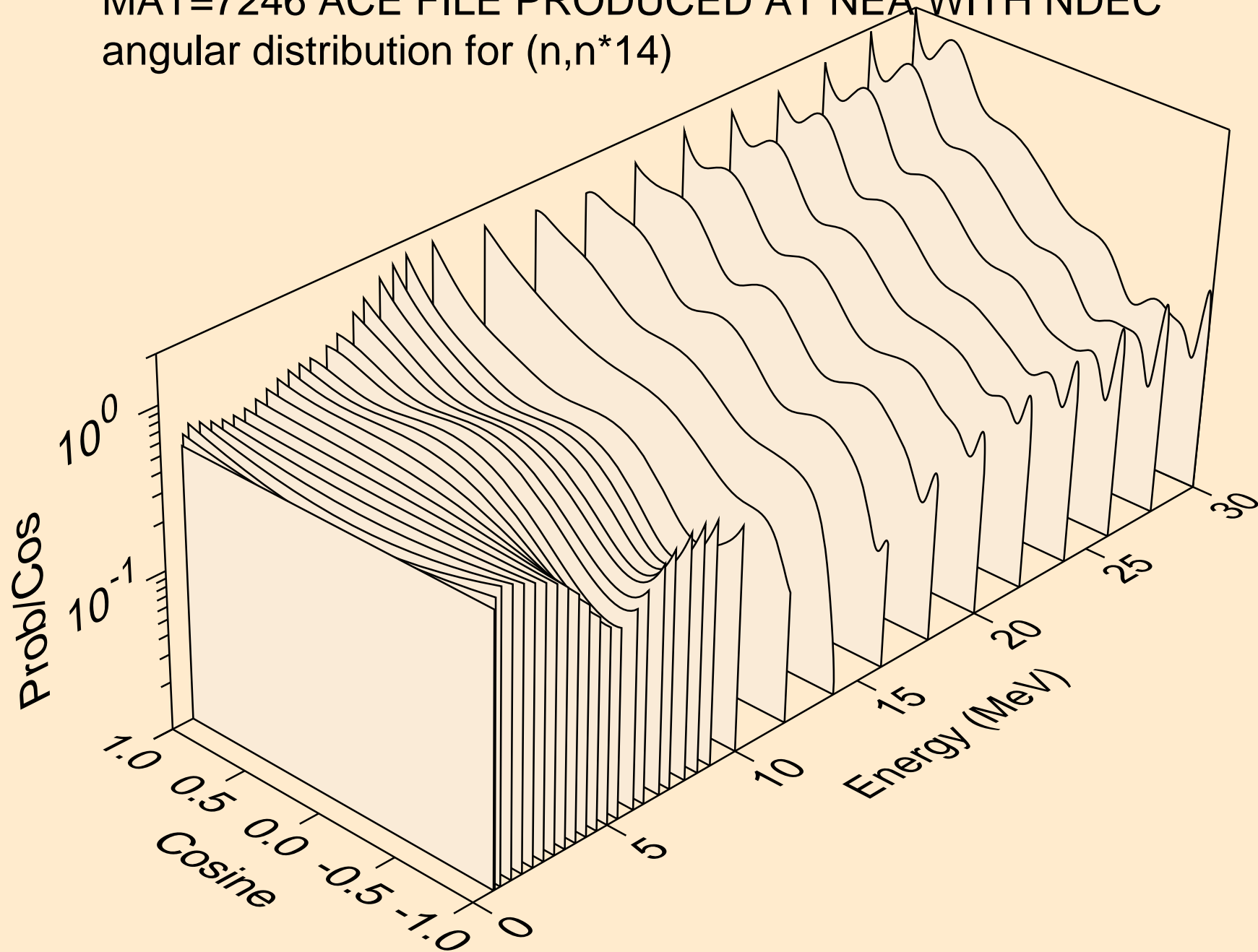
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angular distribution for (n,n\*12)



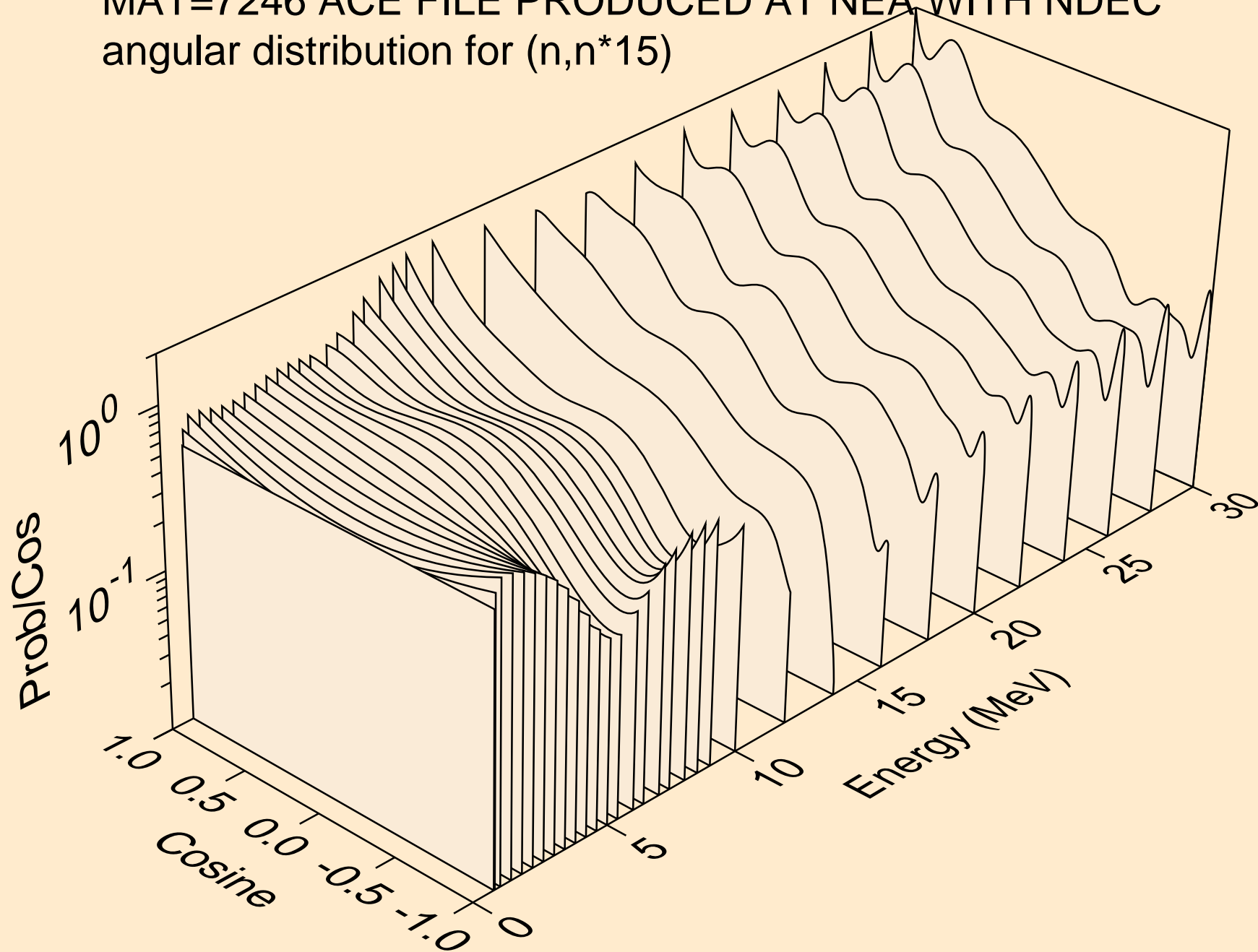
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*13)



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*14)

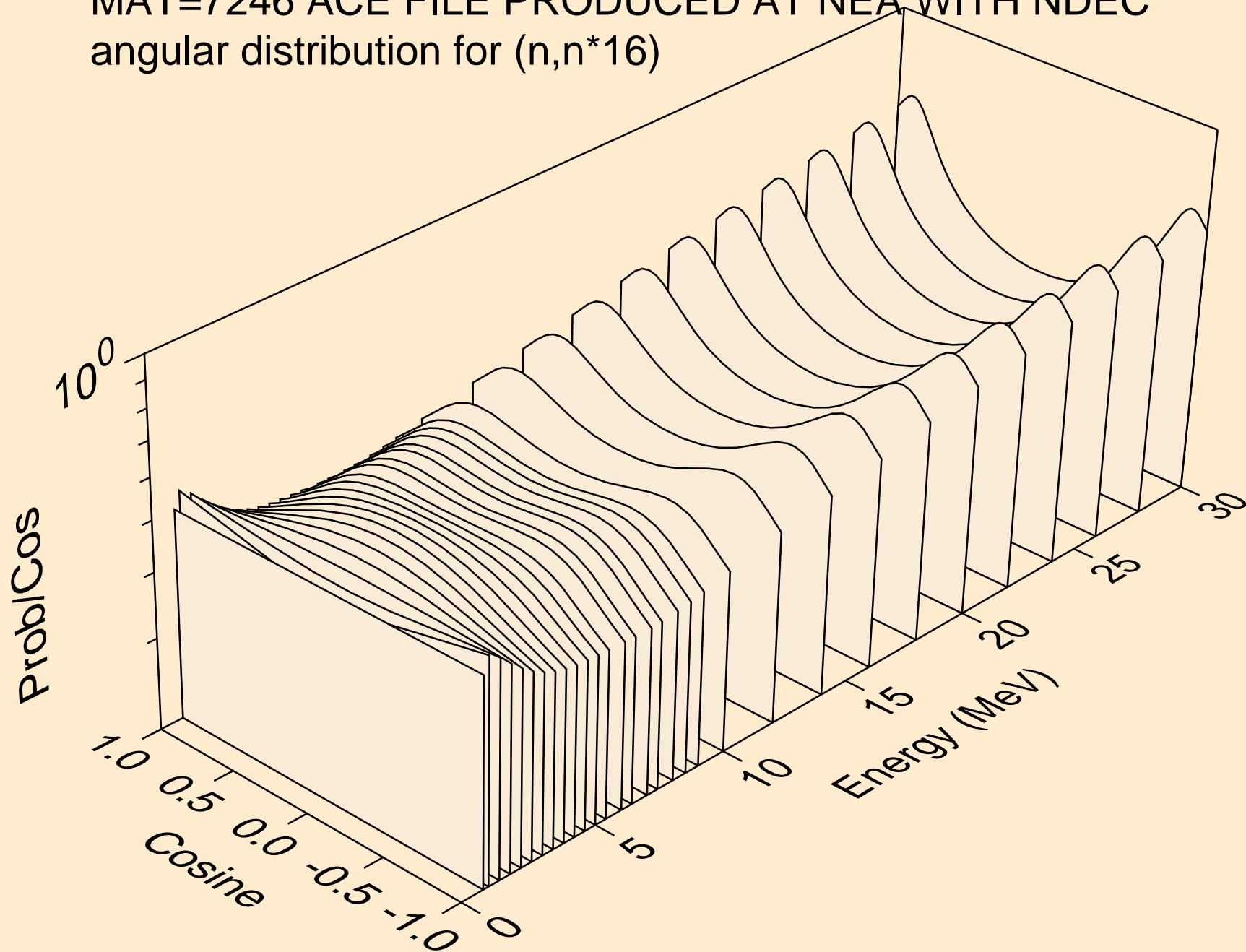


MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*15)

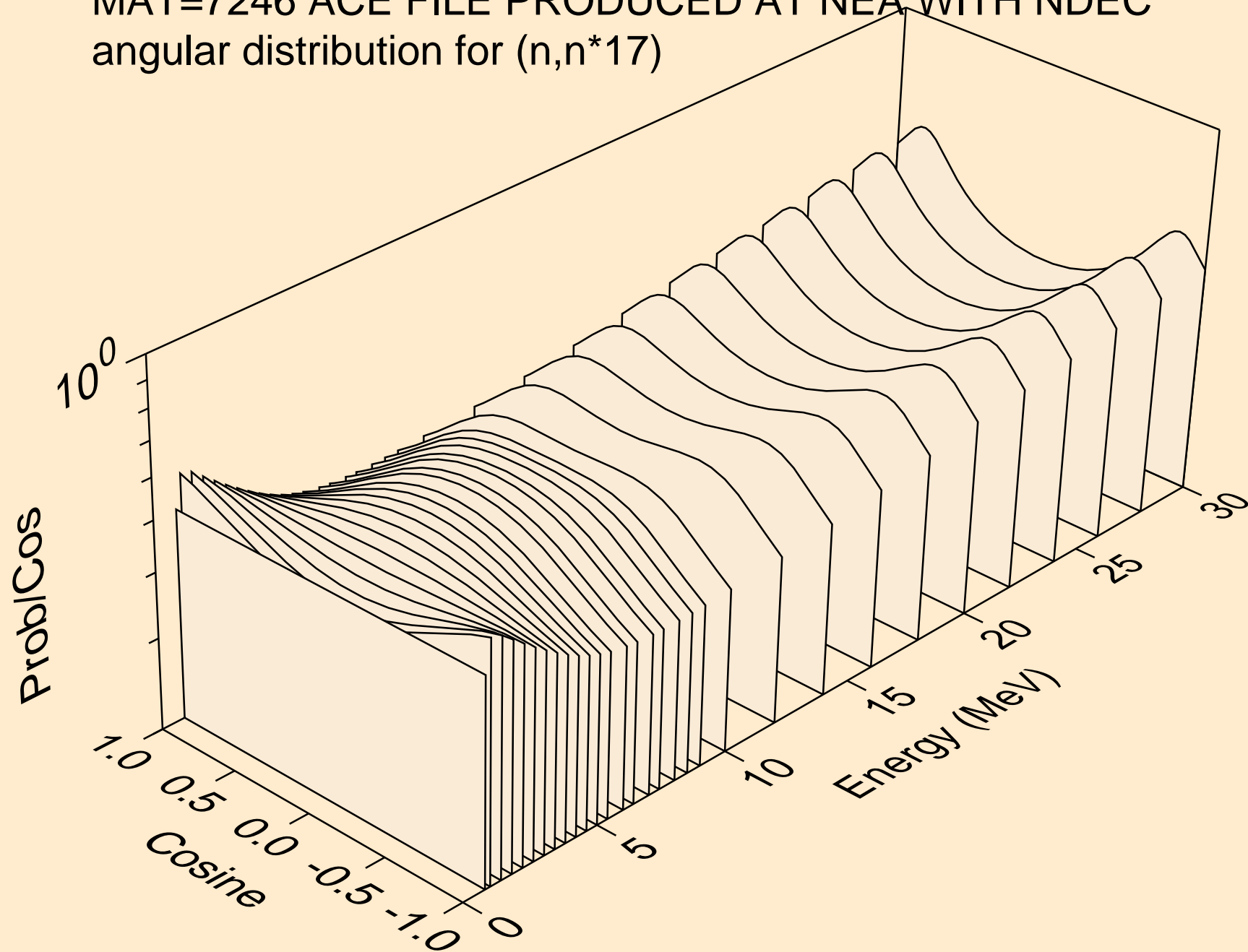




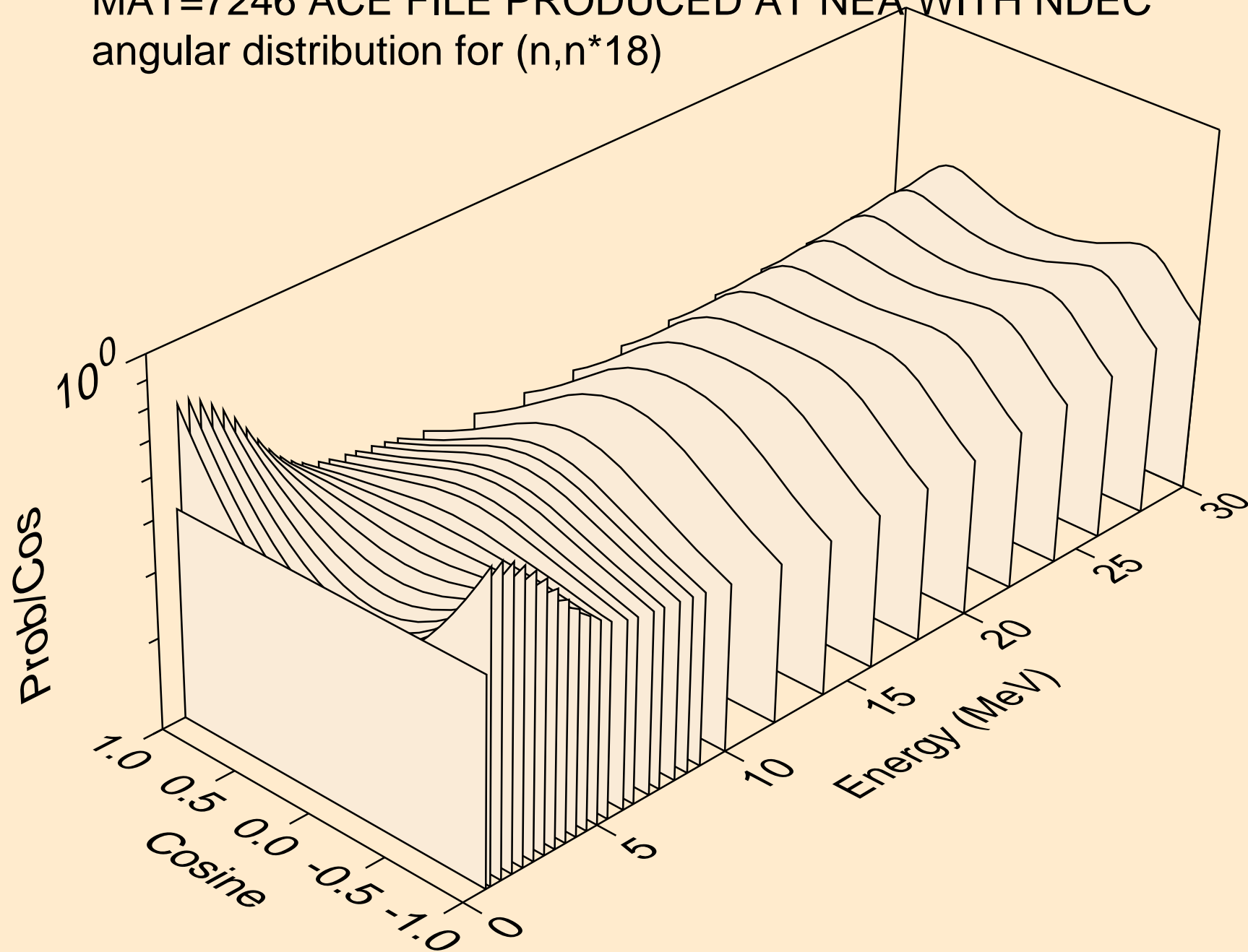
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angular distribution for (n,n\*16)



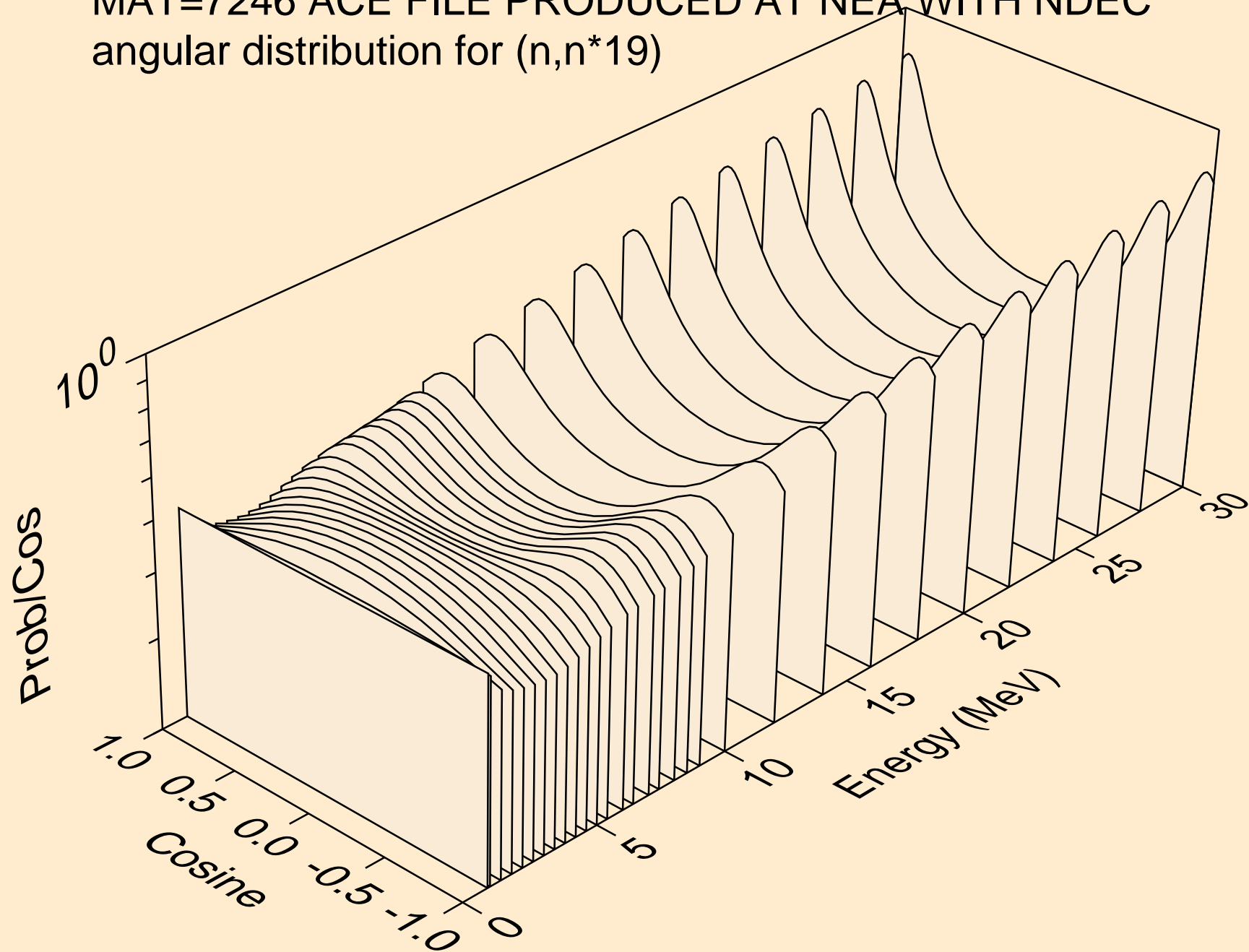
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angular distribution for (n,n\*17)



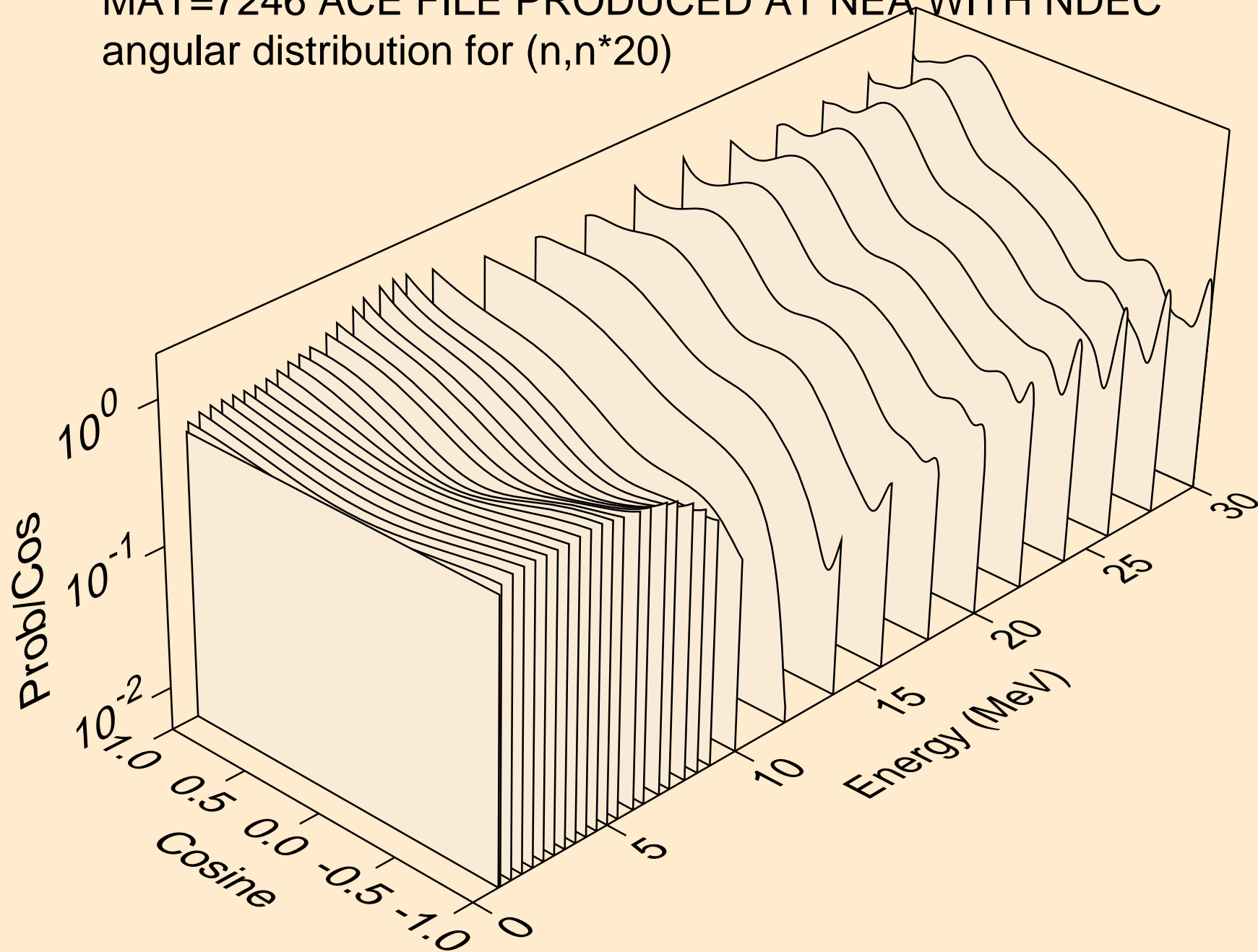
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angular distribution for (n,n\*18)



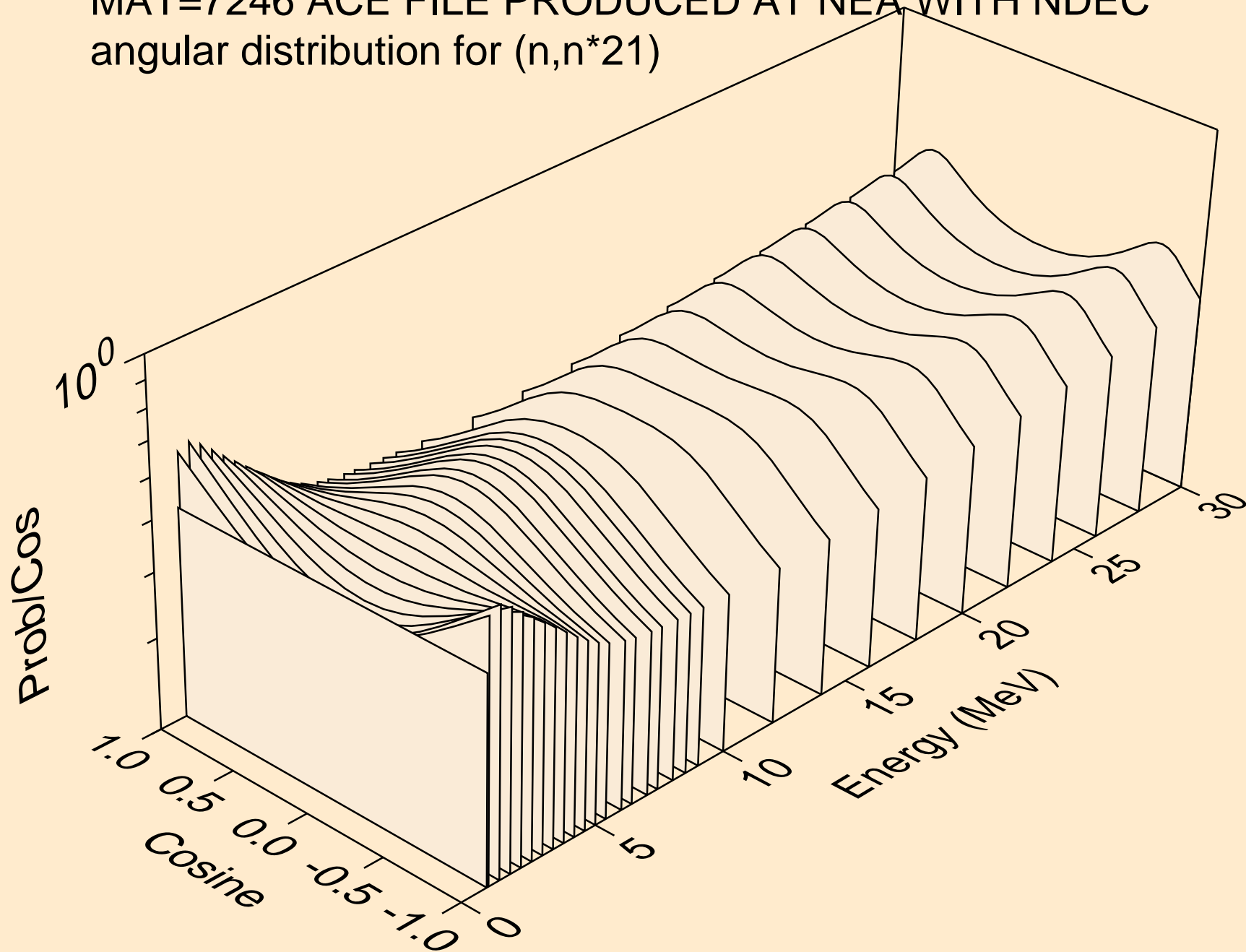
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angular distribution for (n,n\*19)



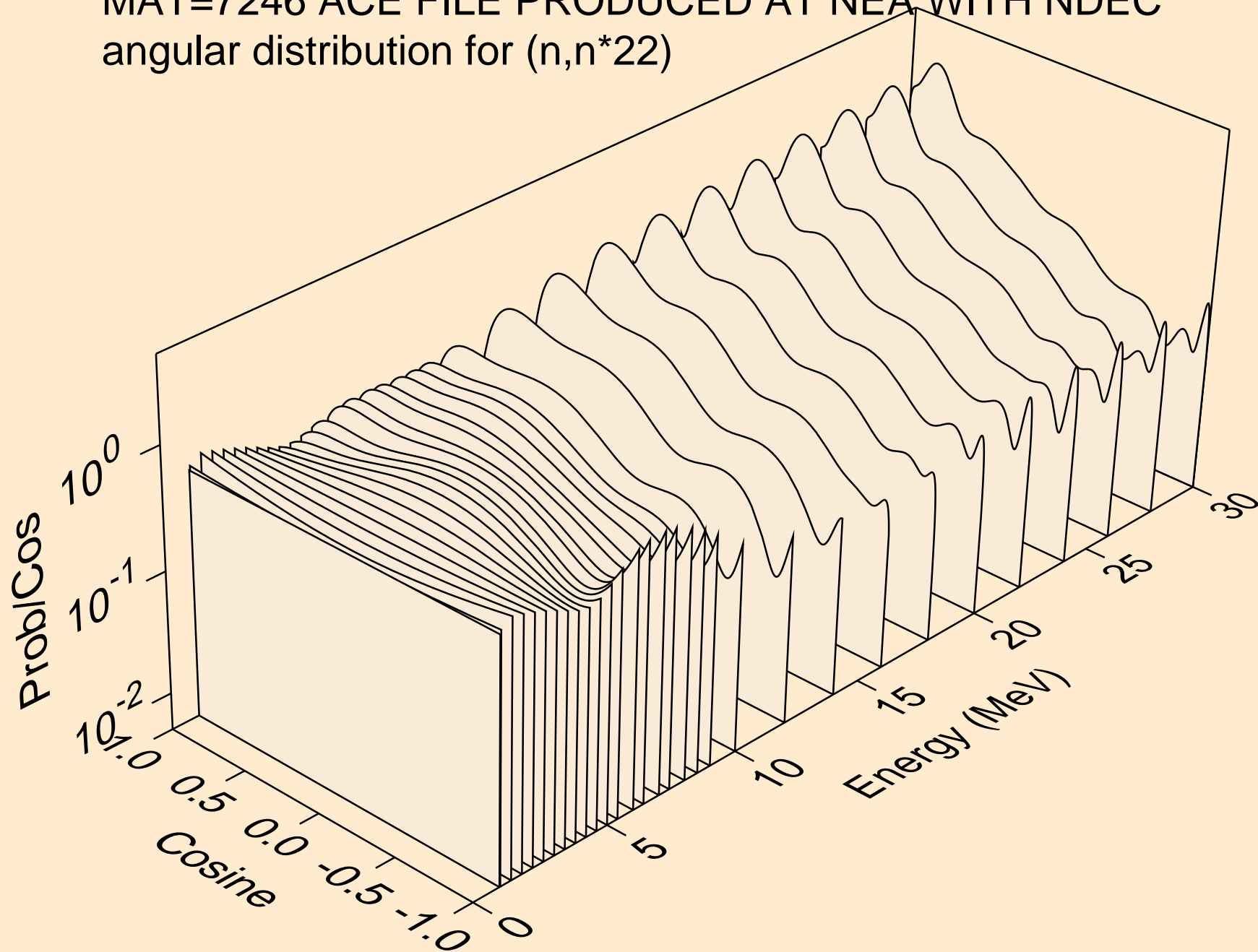
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angular distribution for (n,n\*20)



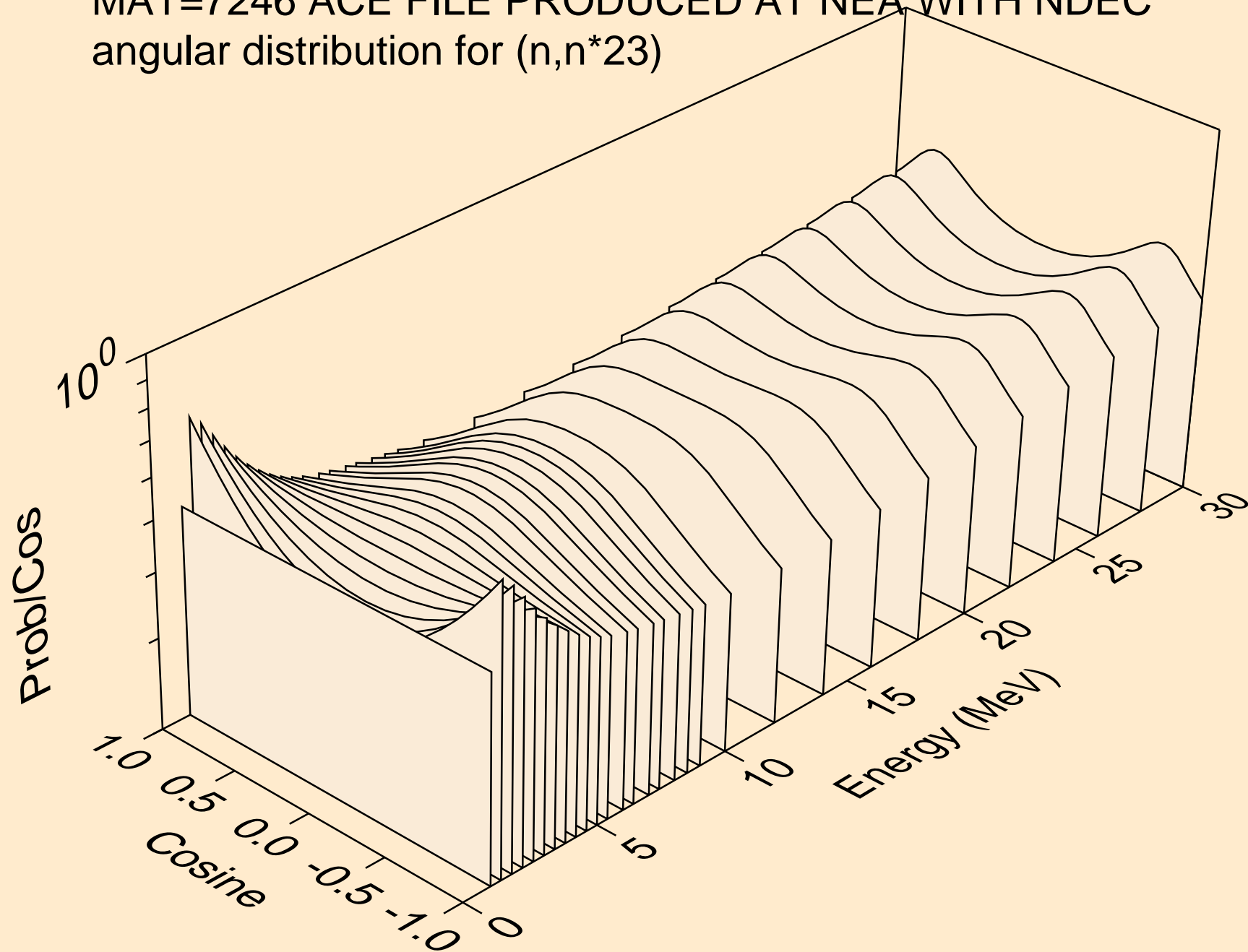
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angular distribution for (n,n\*21)



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*22)

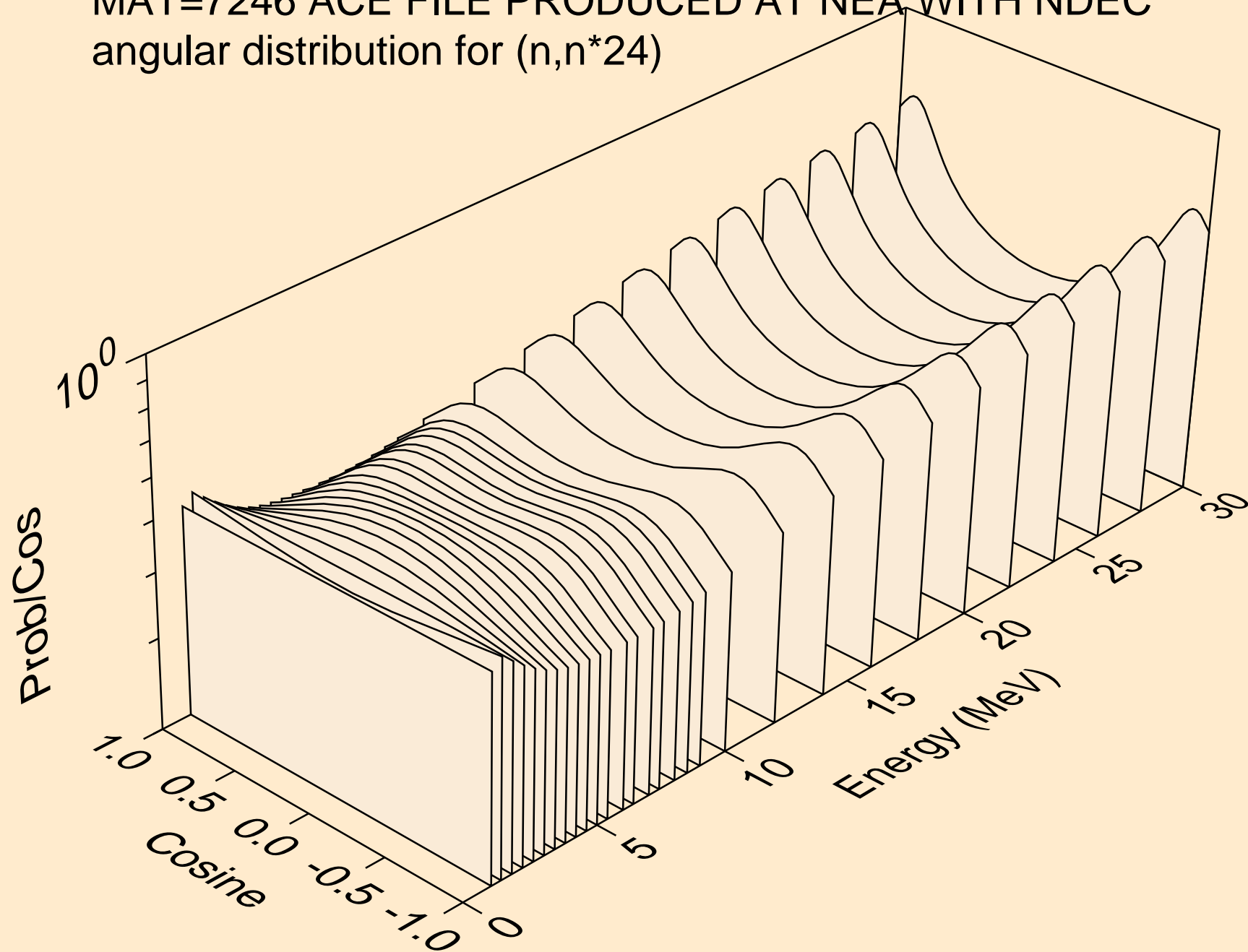


MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*23)

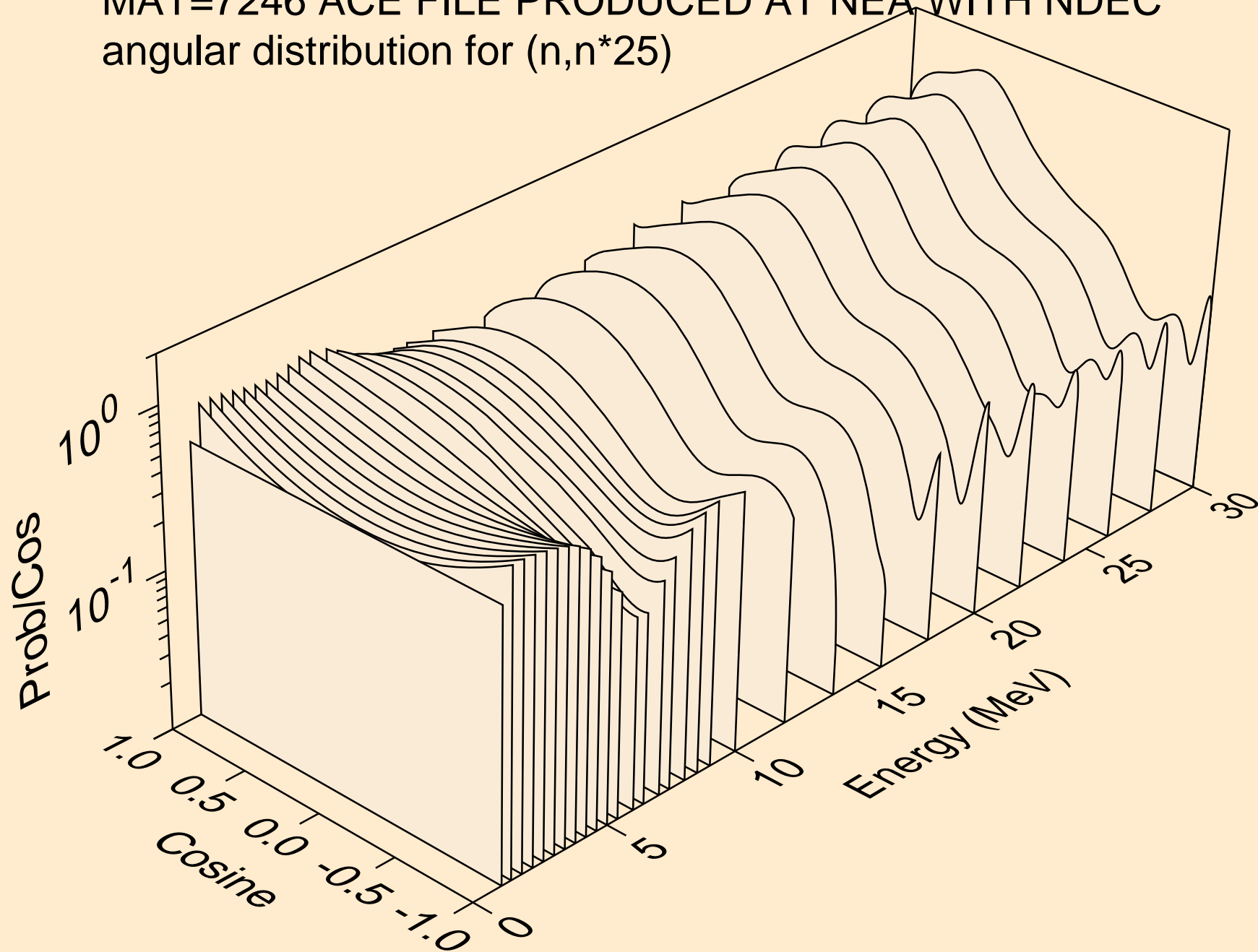




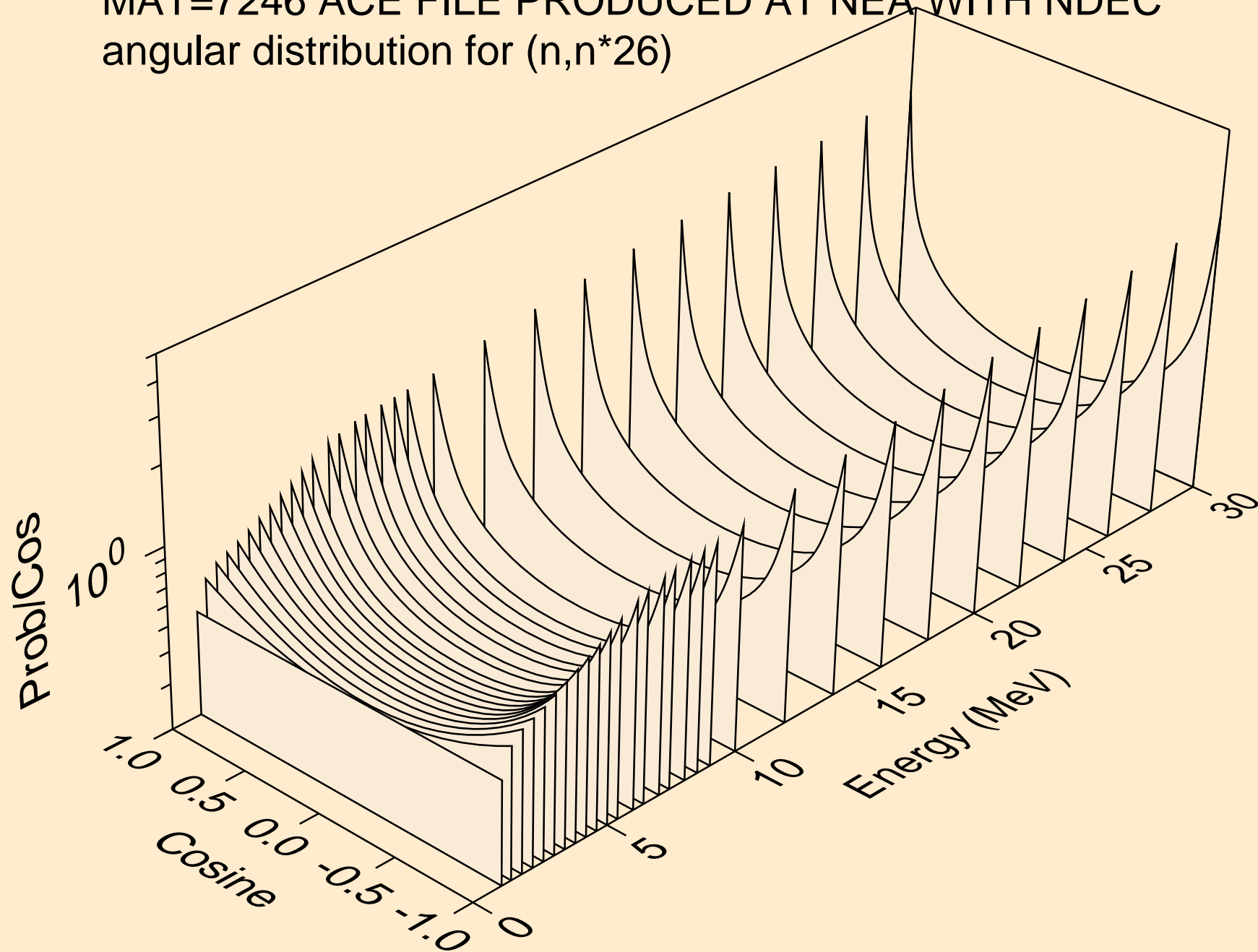
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angular distribution for (n,n\*24)



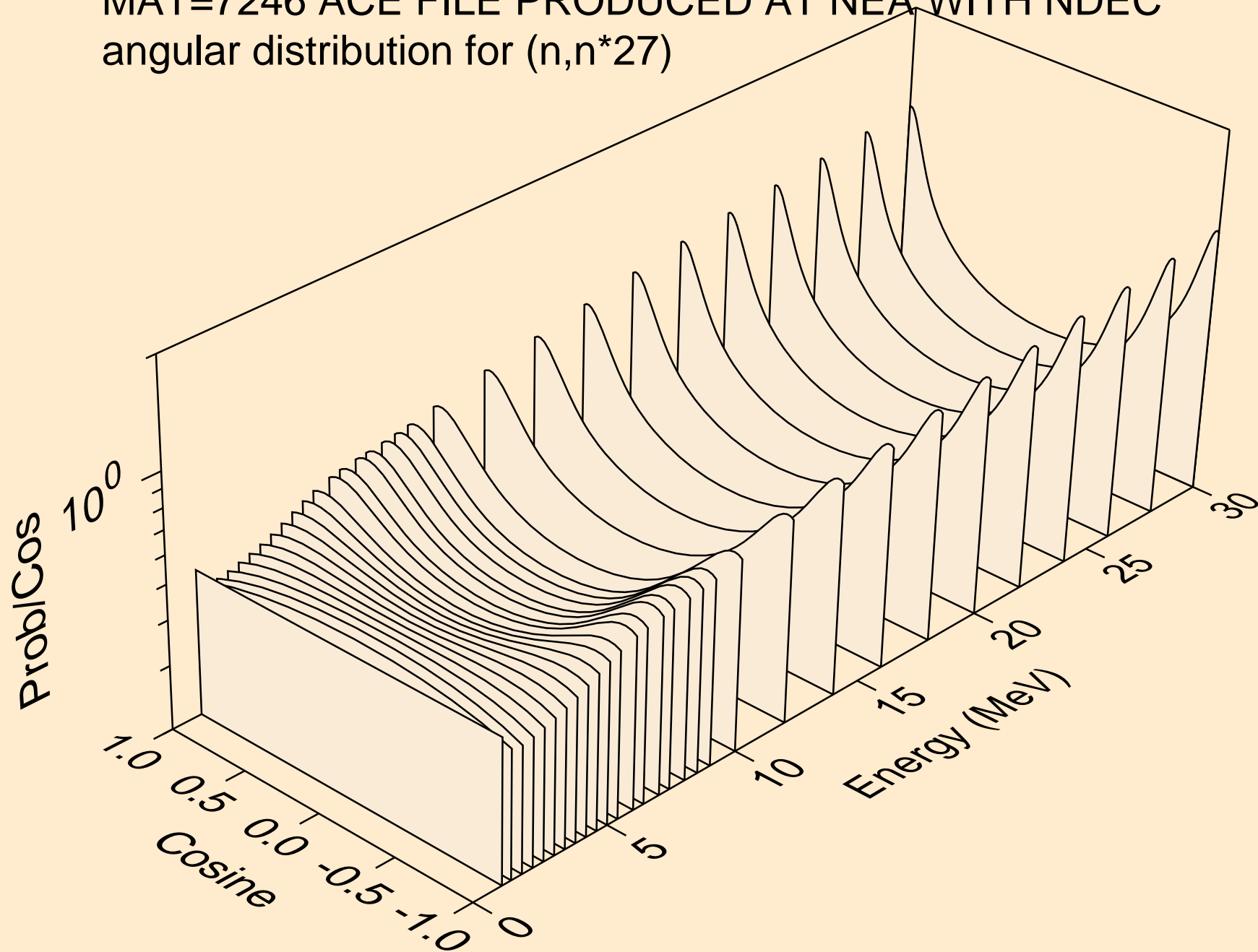
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angular distribution for (n,n\*25)



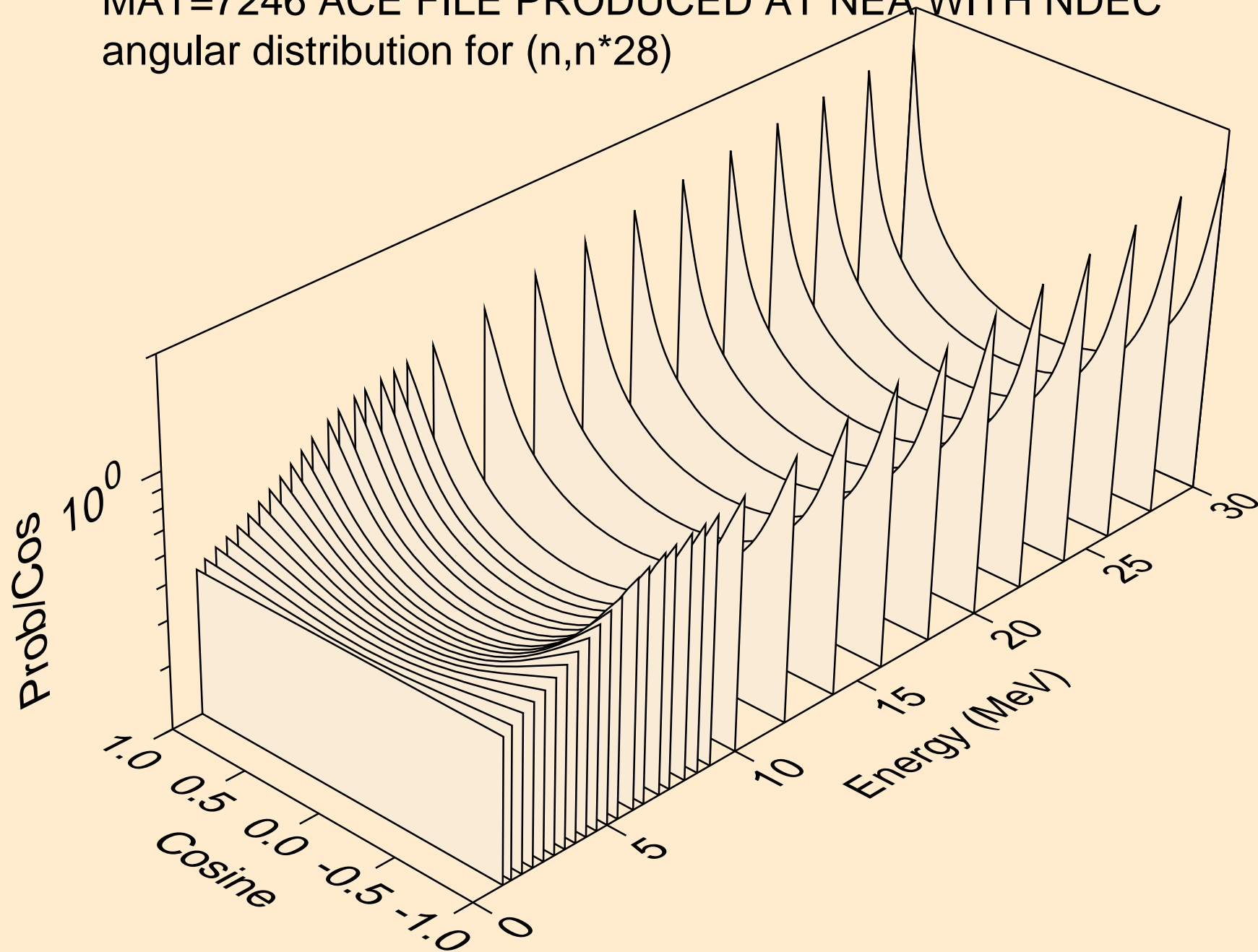
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angular distribution for (n,n\*26)



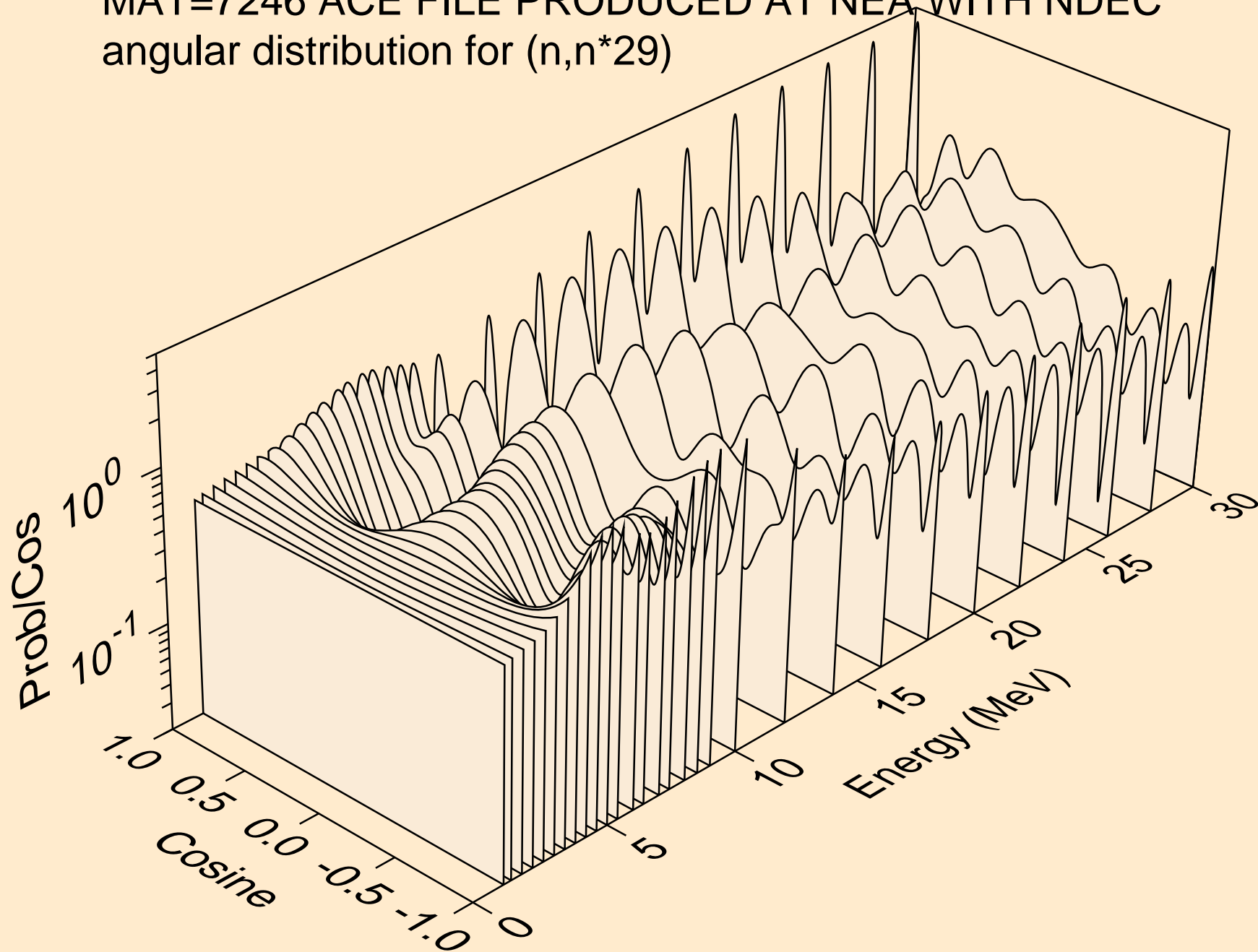
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*27)



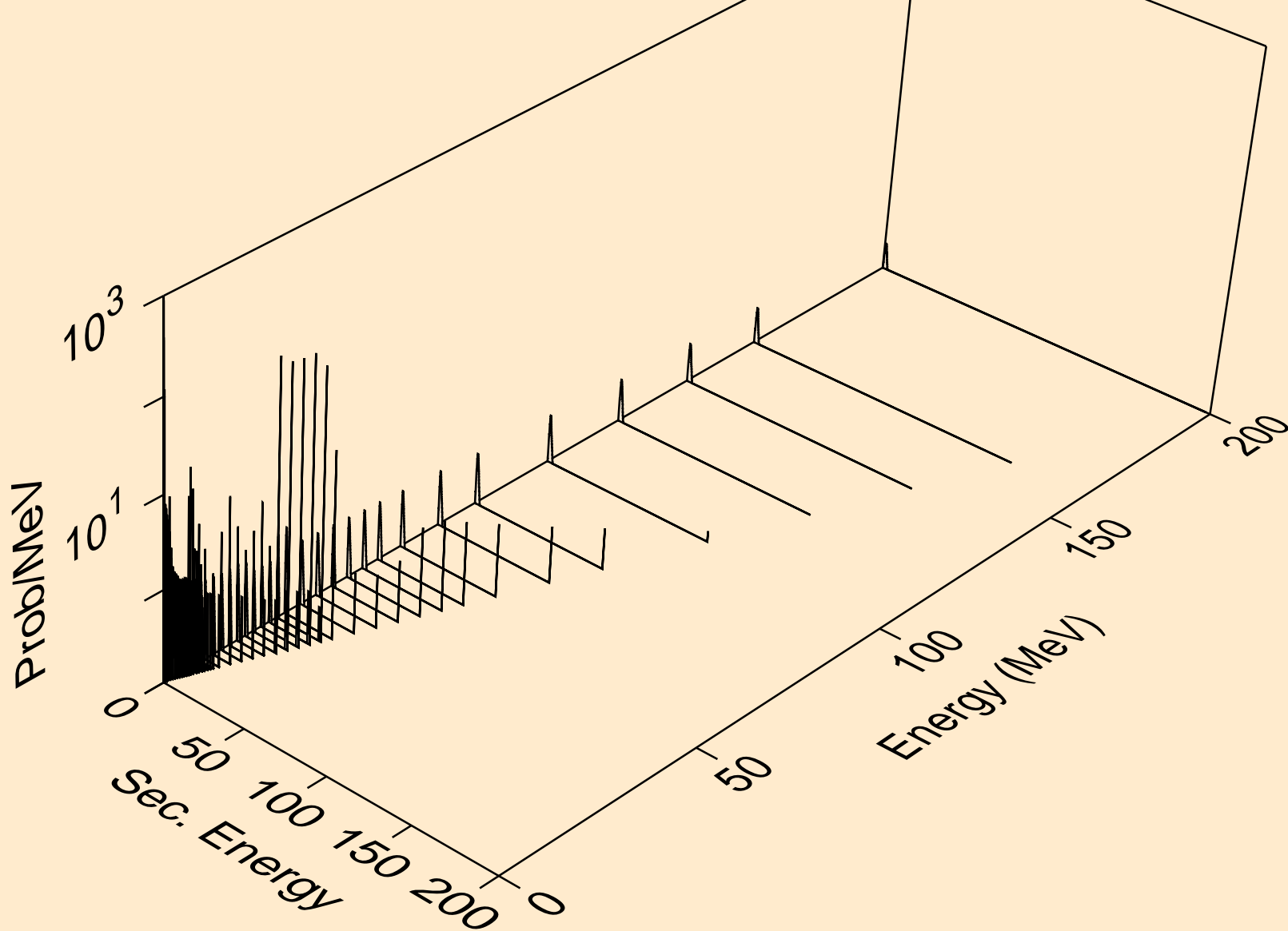
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*28)



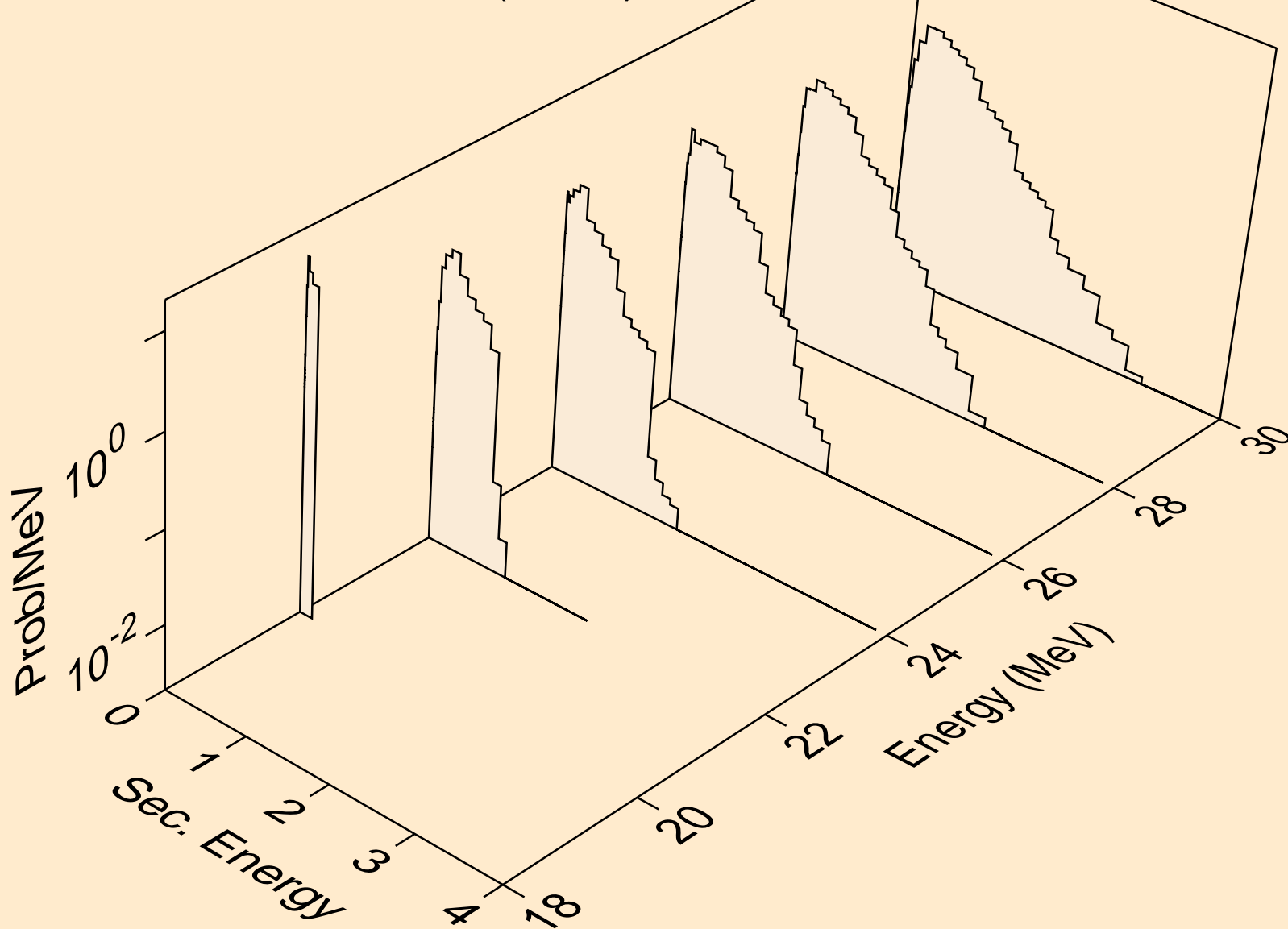
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*29)



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,x)

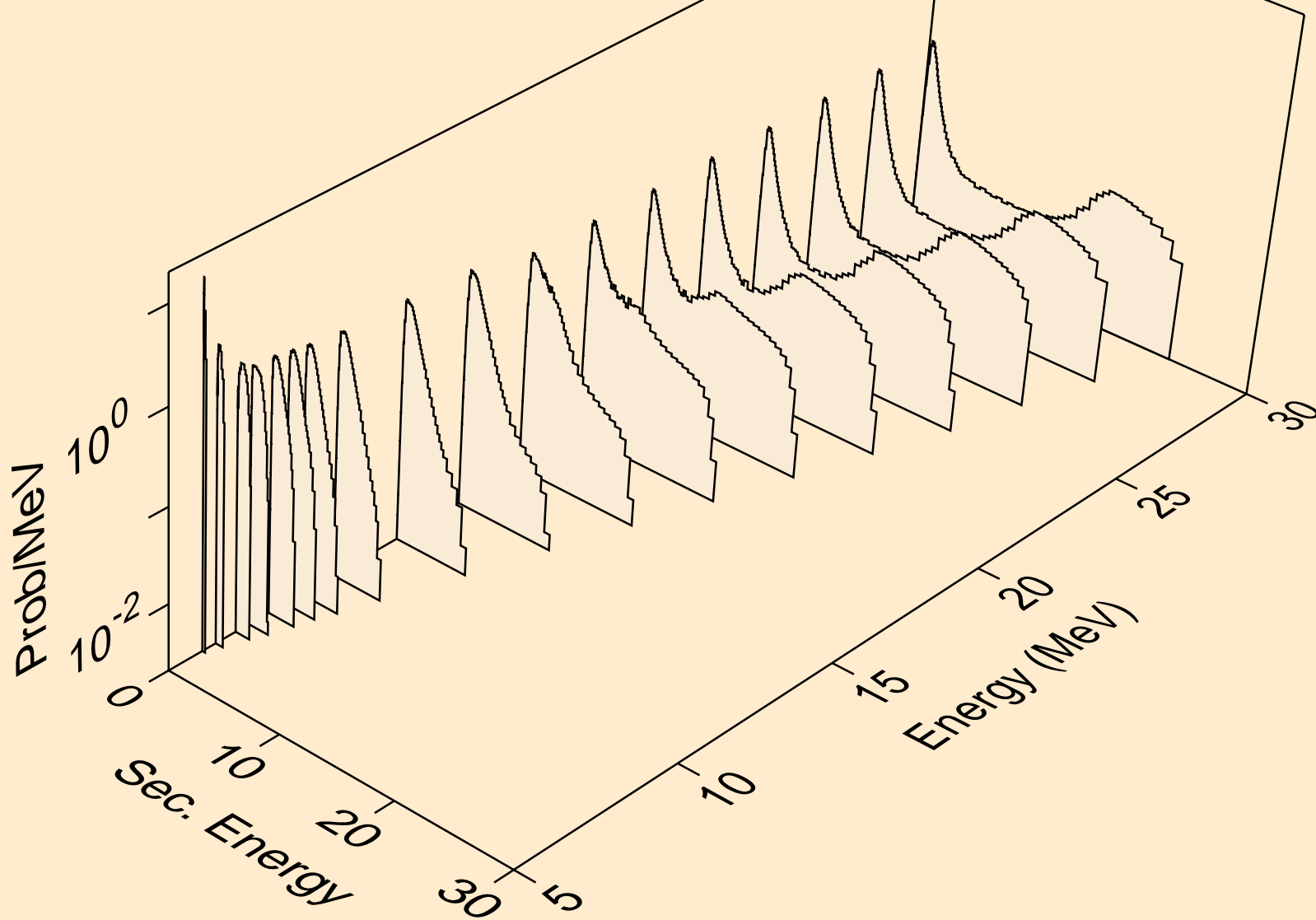


MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2nd)

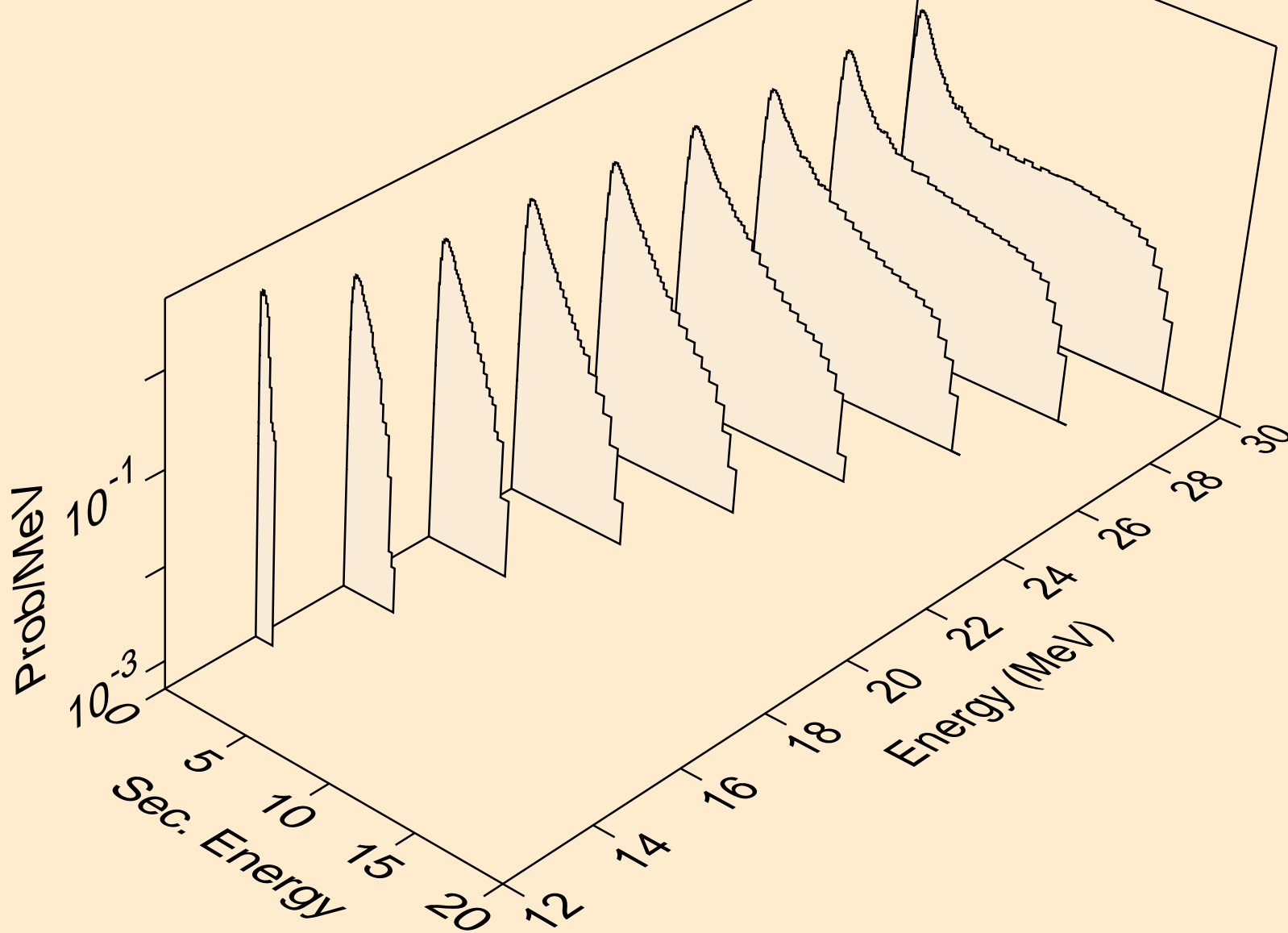




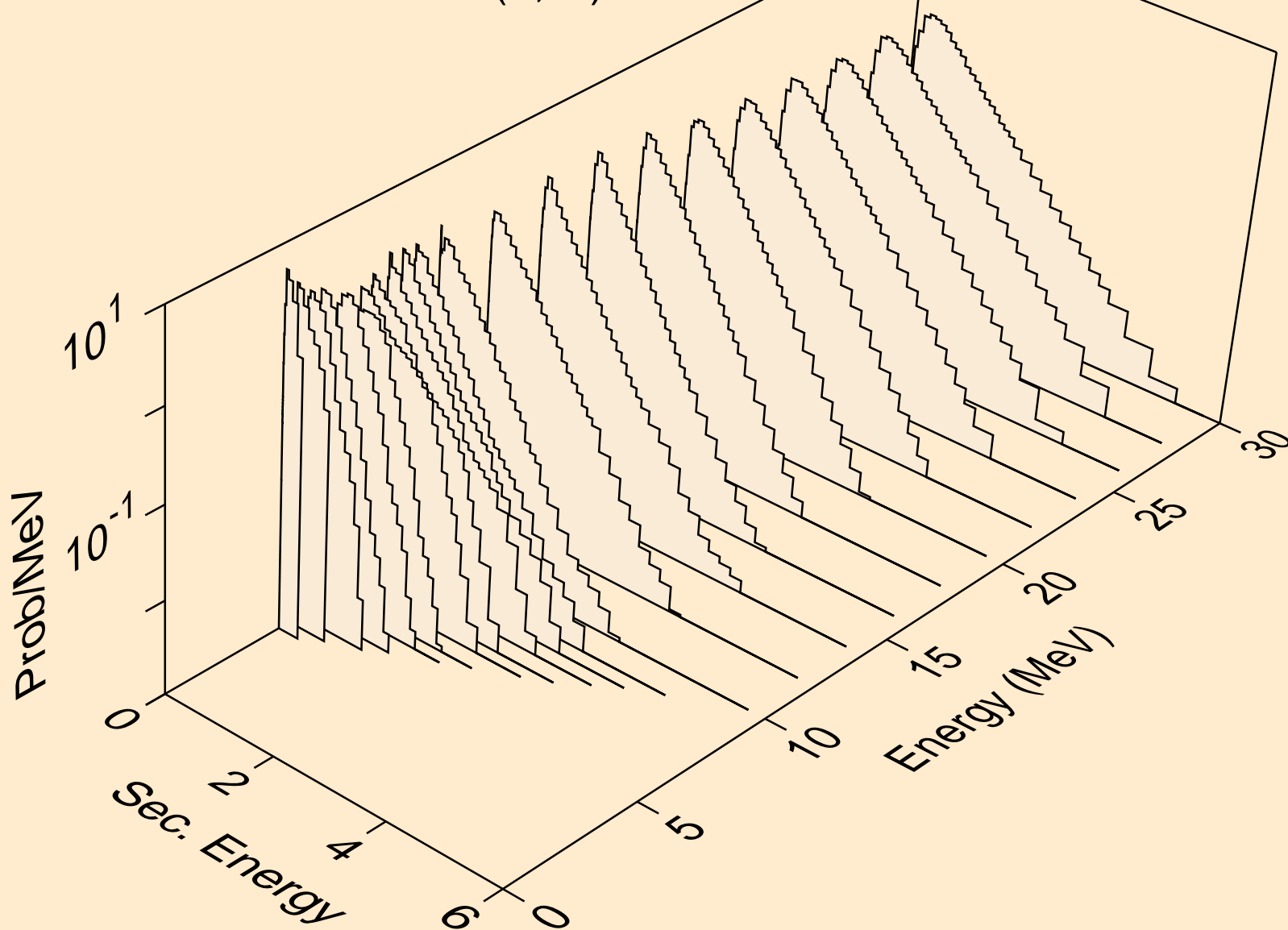
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2n)



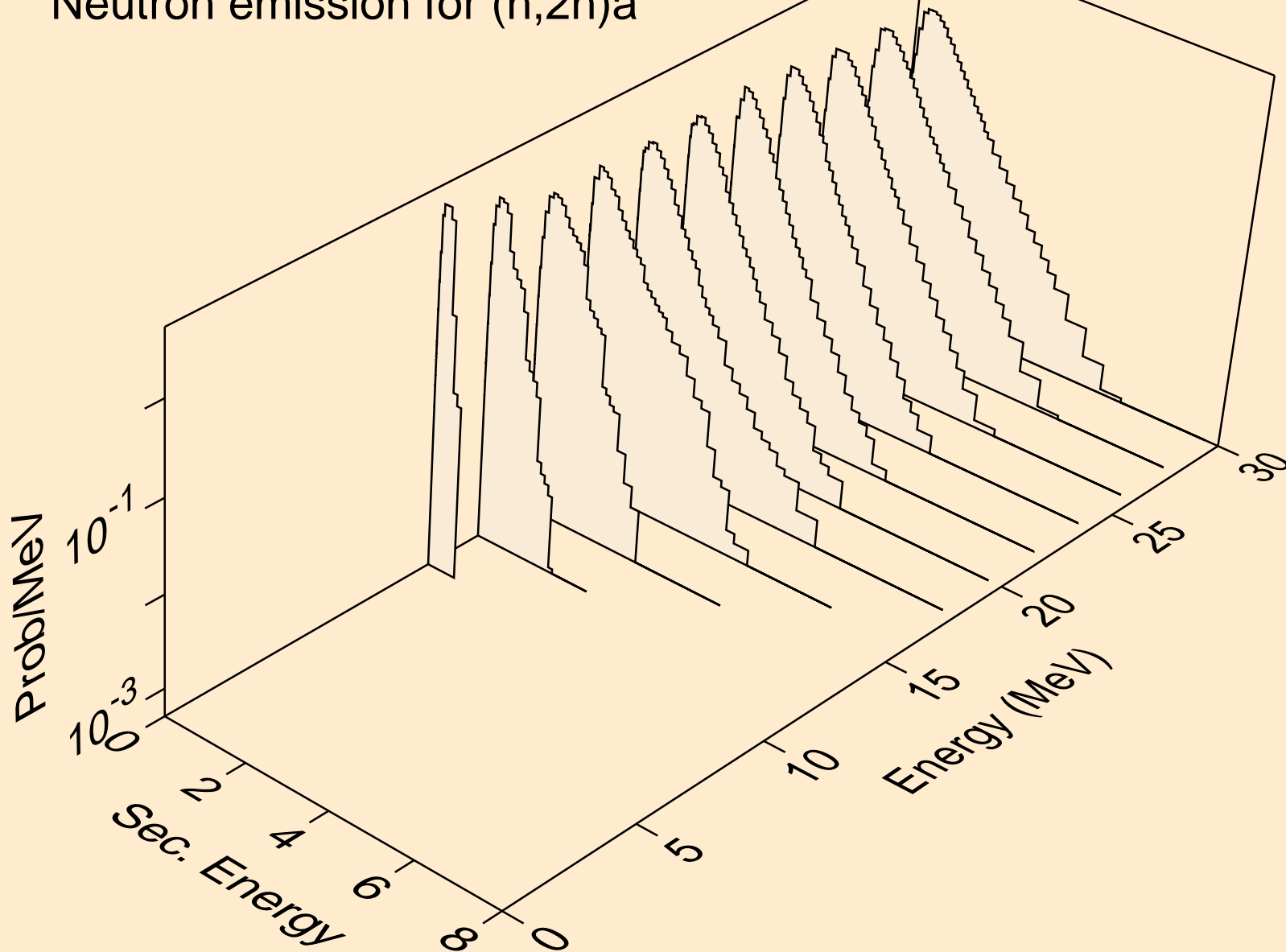
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,3n)



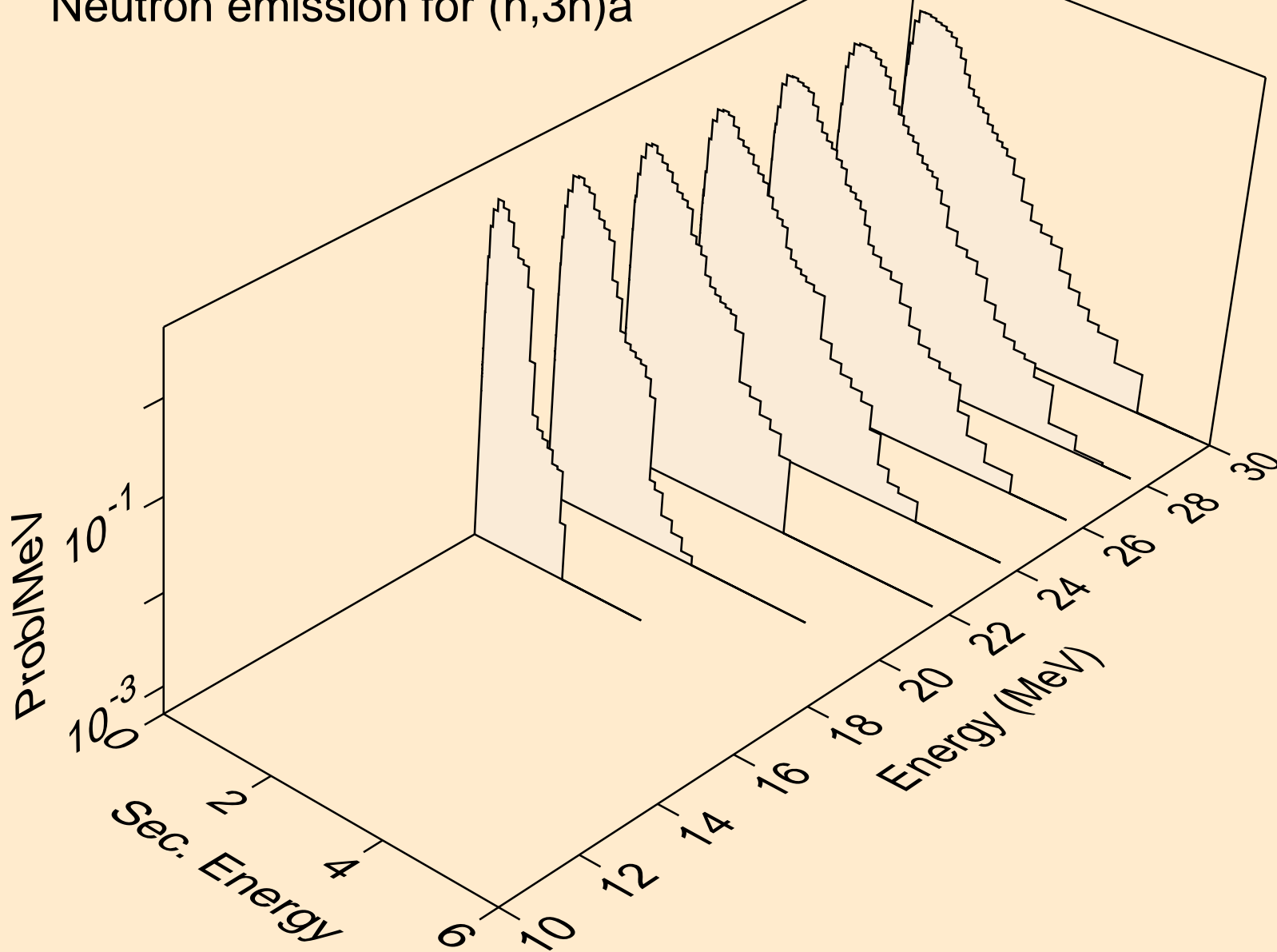
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)a



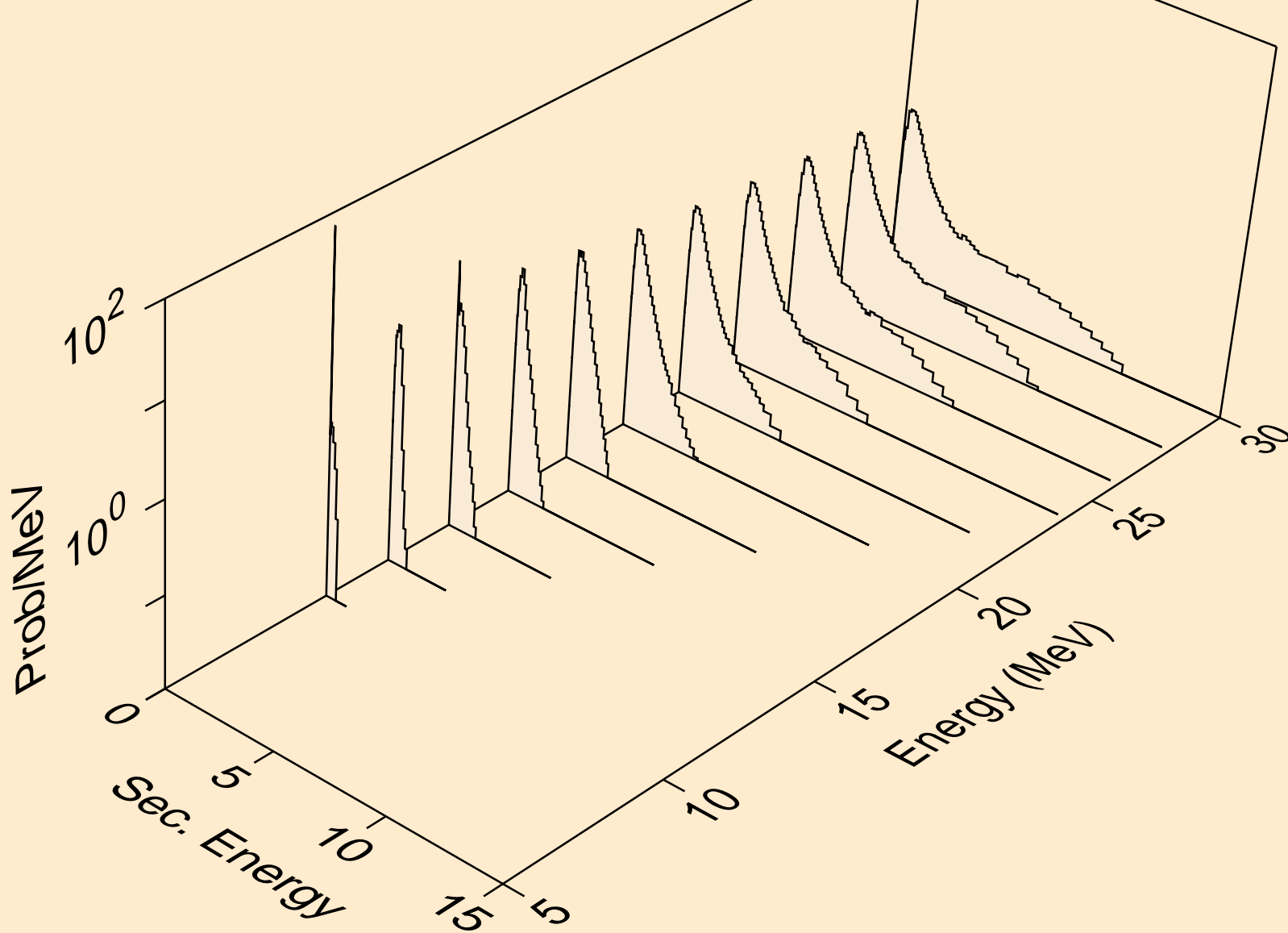
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2n)a



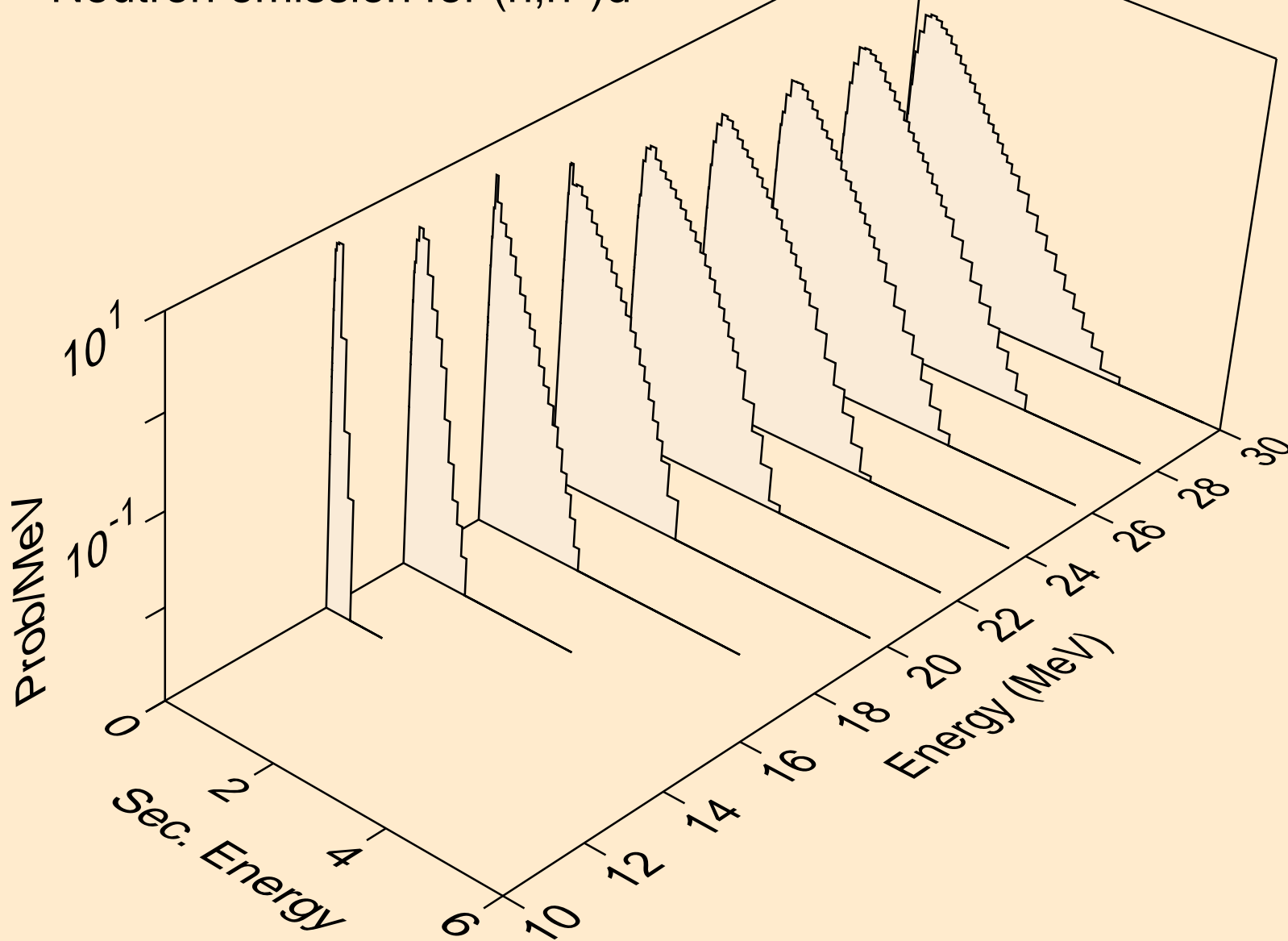
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,3n)a



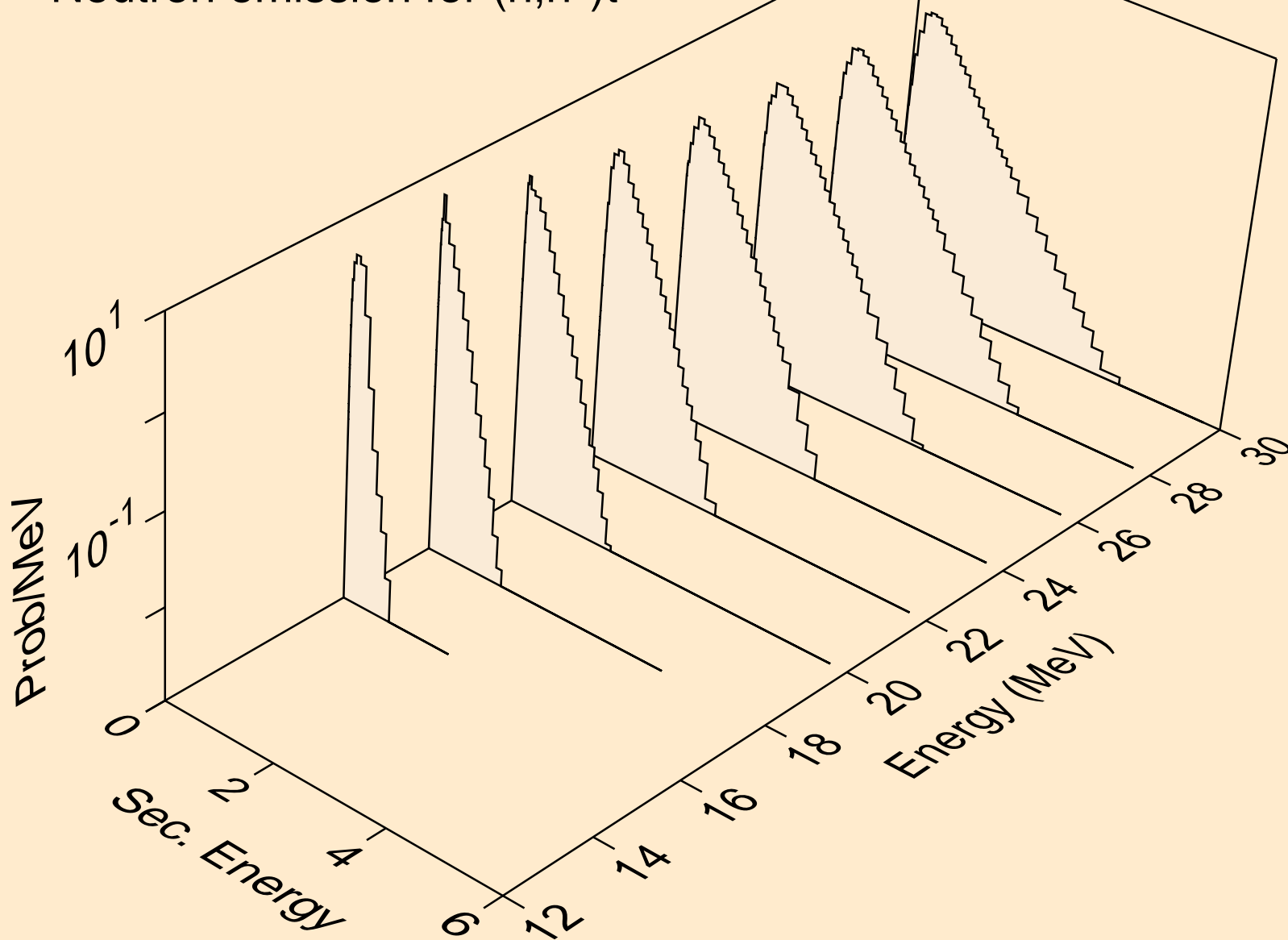
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)p



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)d

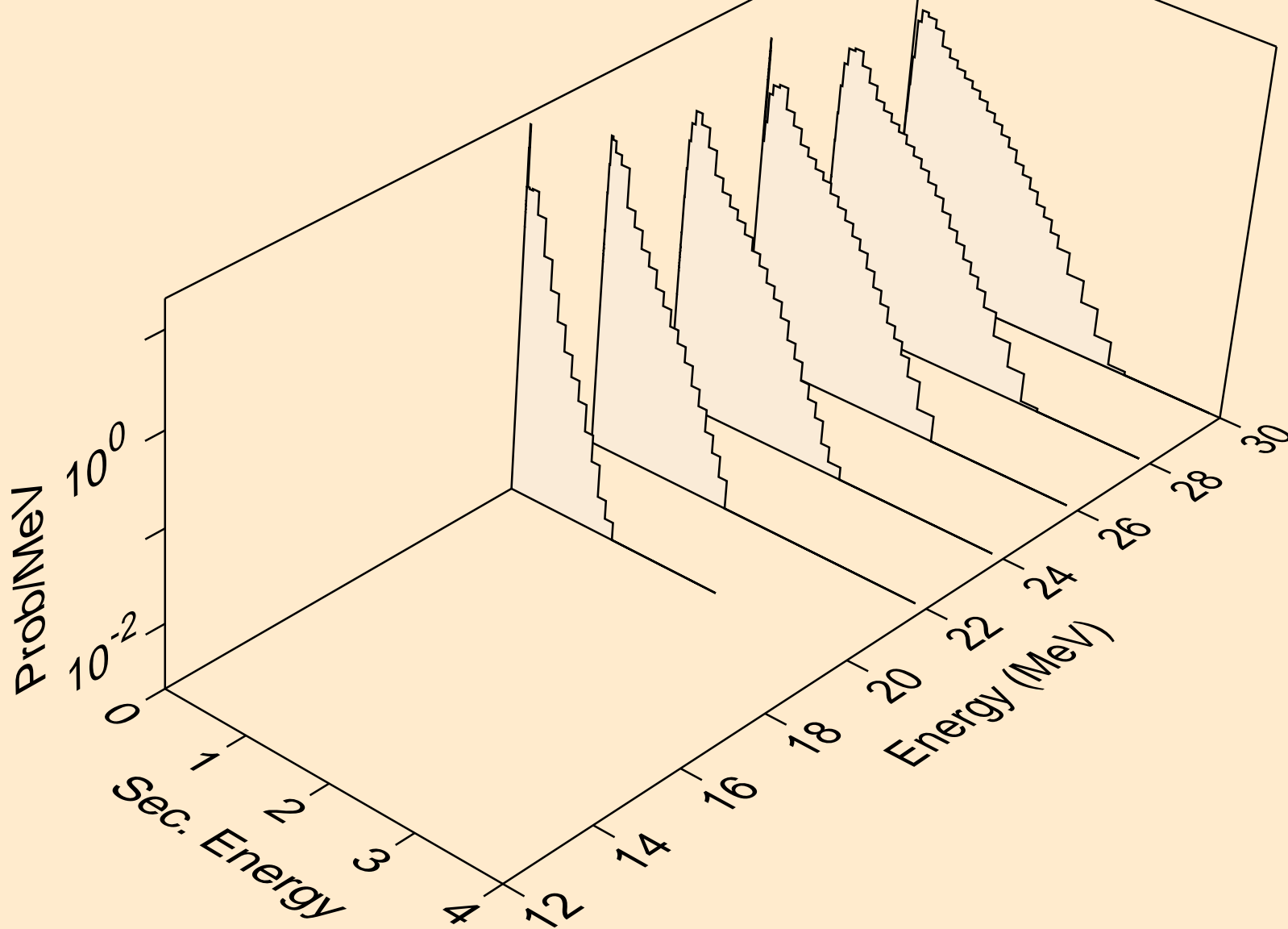


MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)t

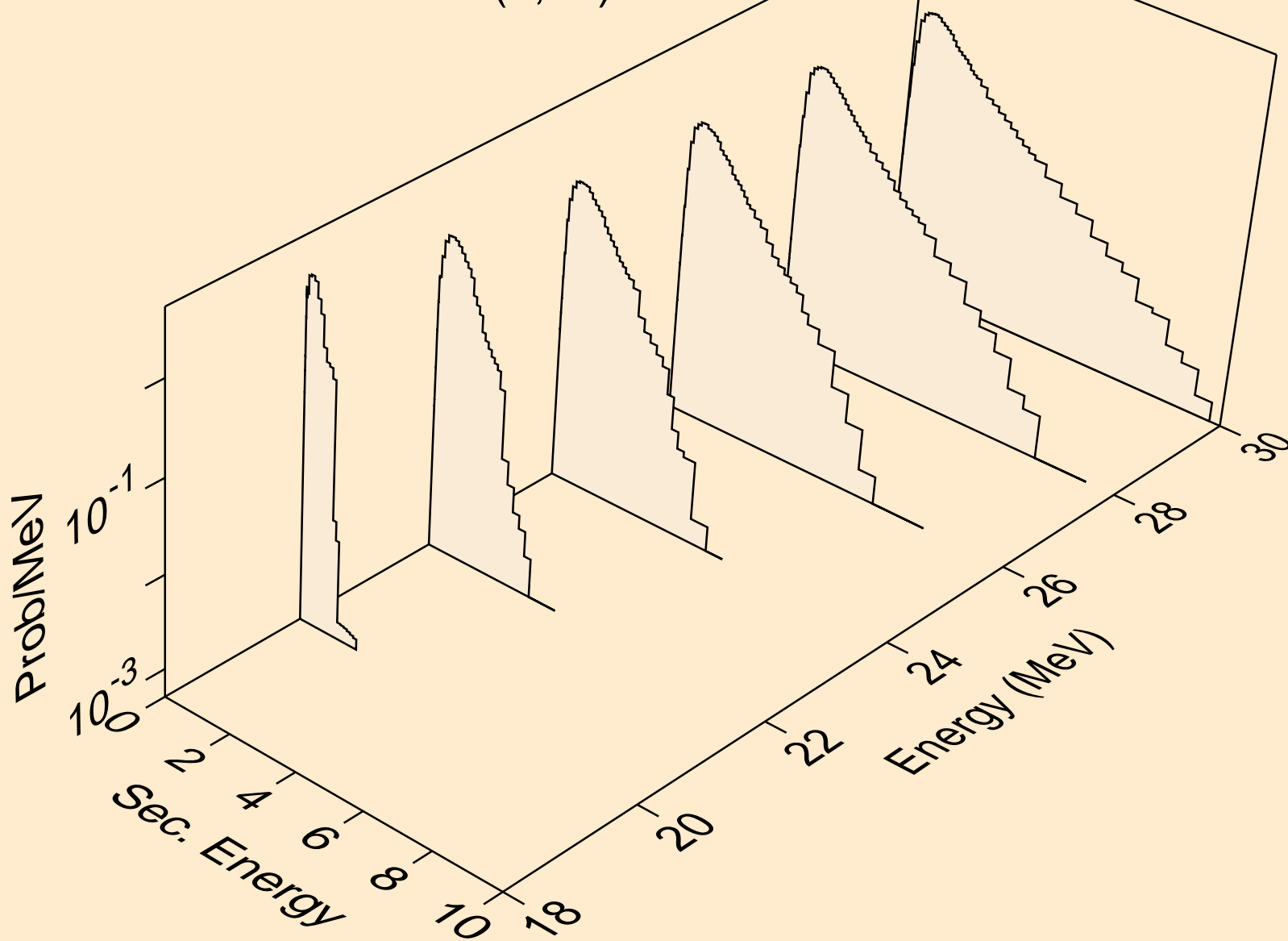




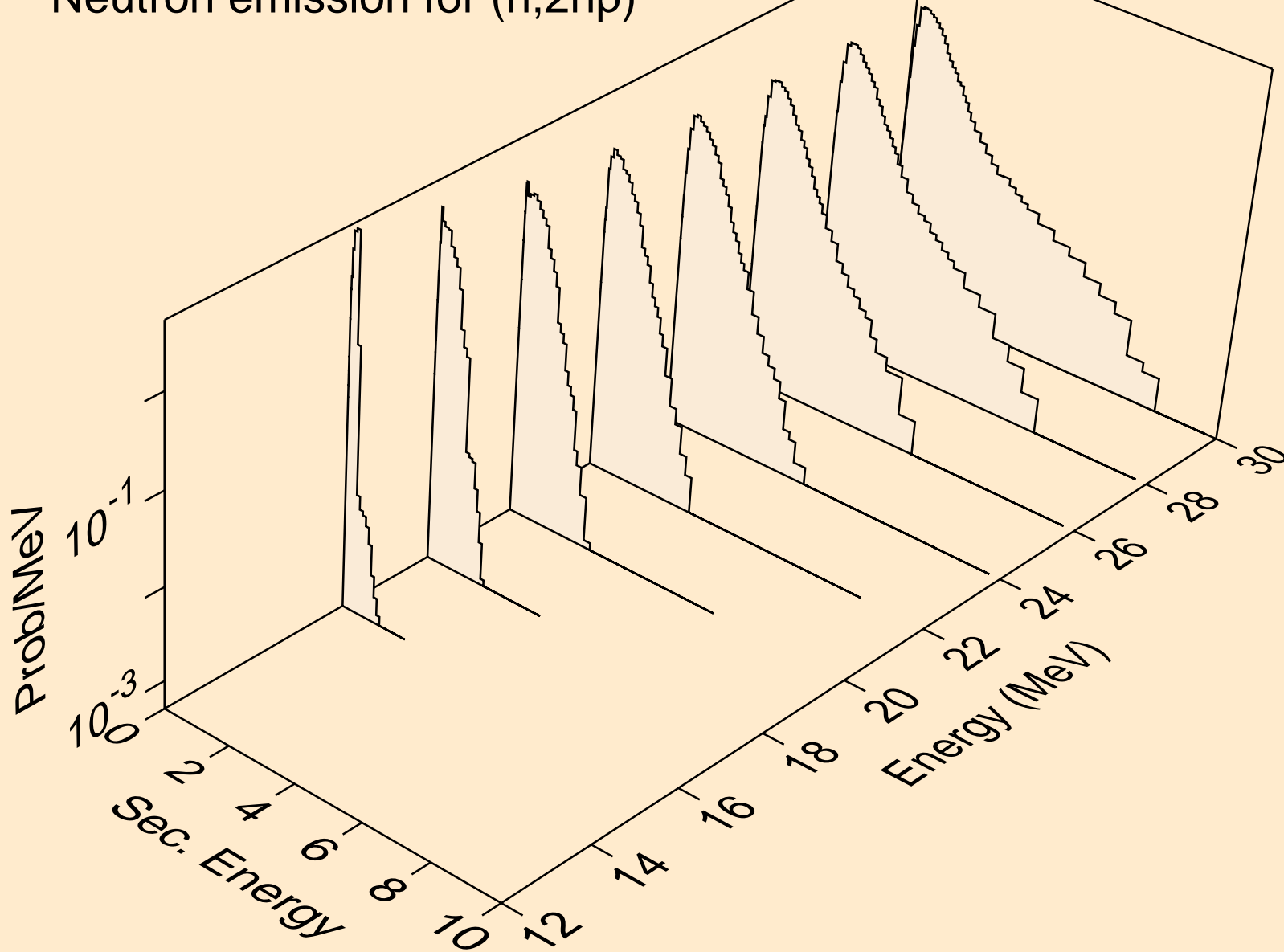
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Neutron emission for (n,n\*)he3



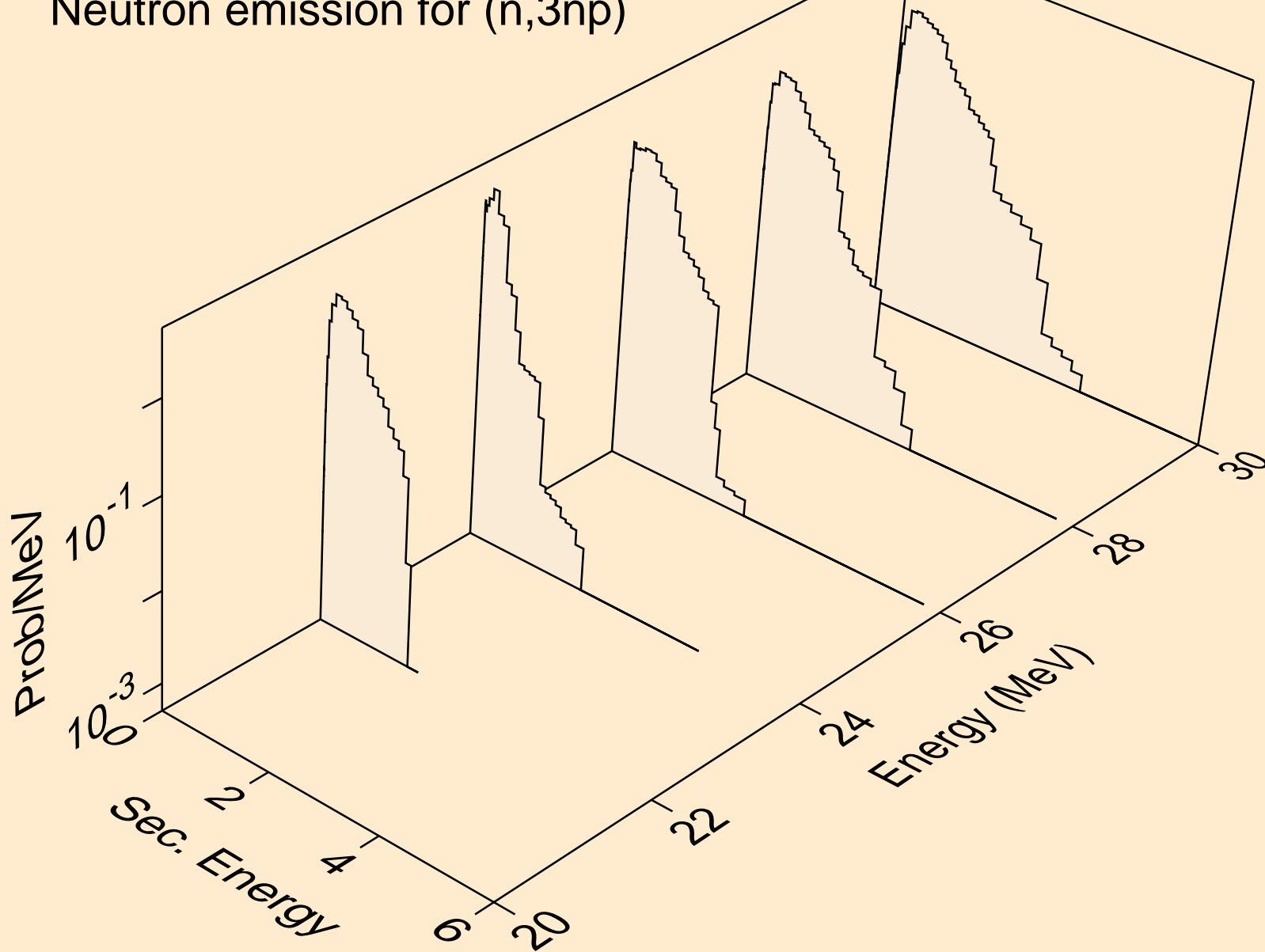
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Neutron emission for (n,4n)



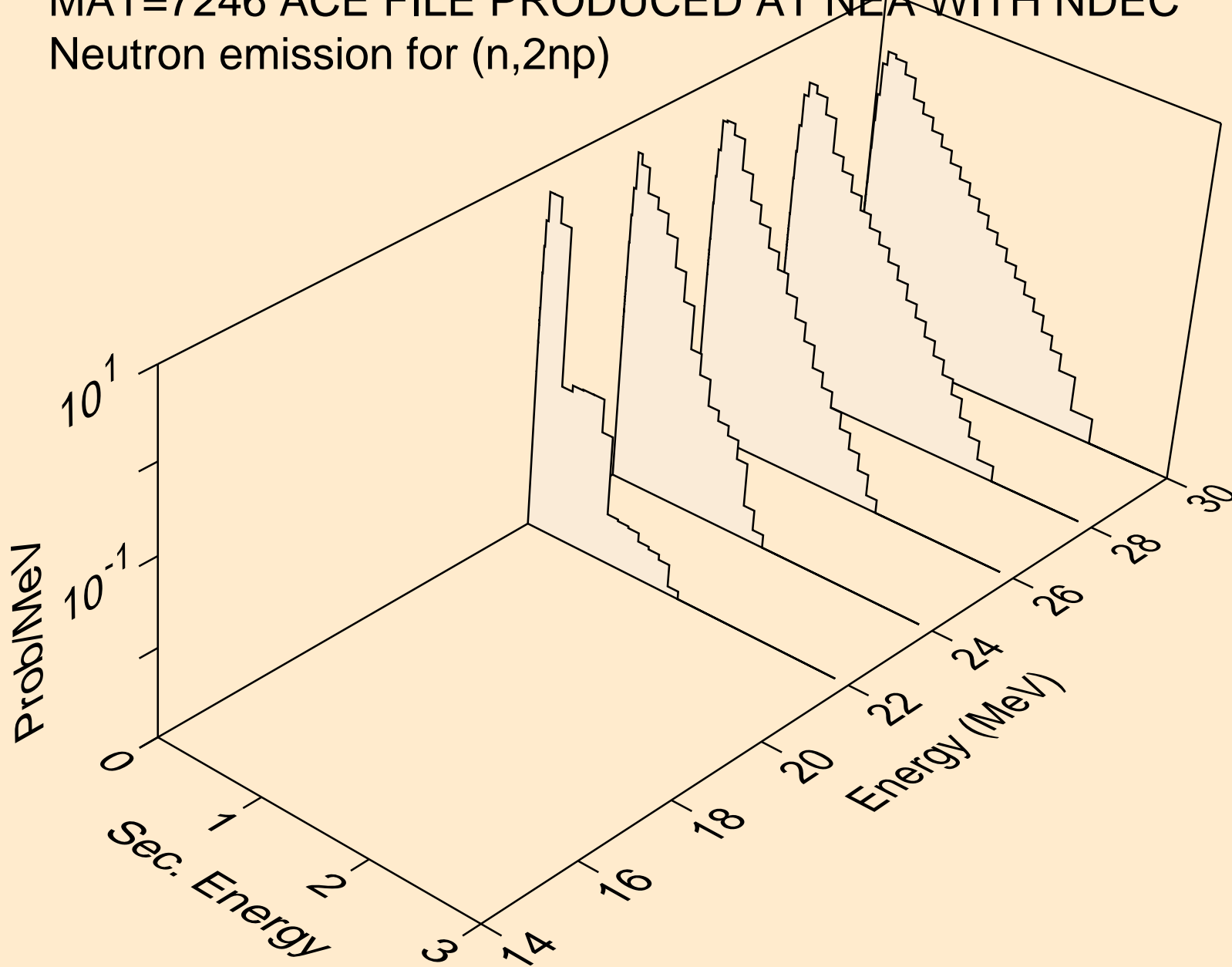
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Neutron emission for (n,2np)



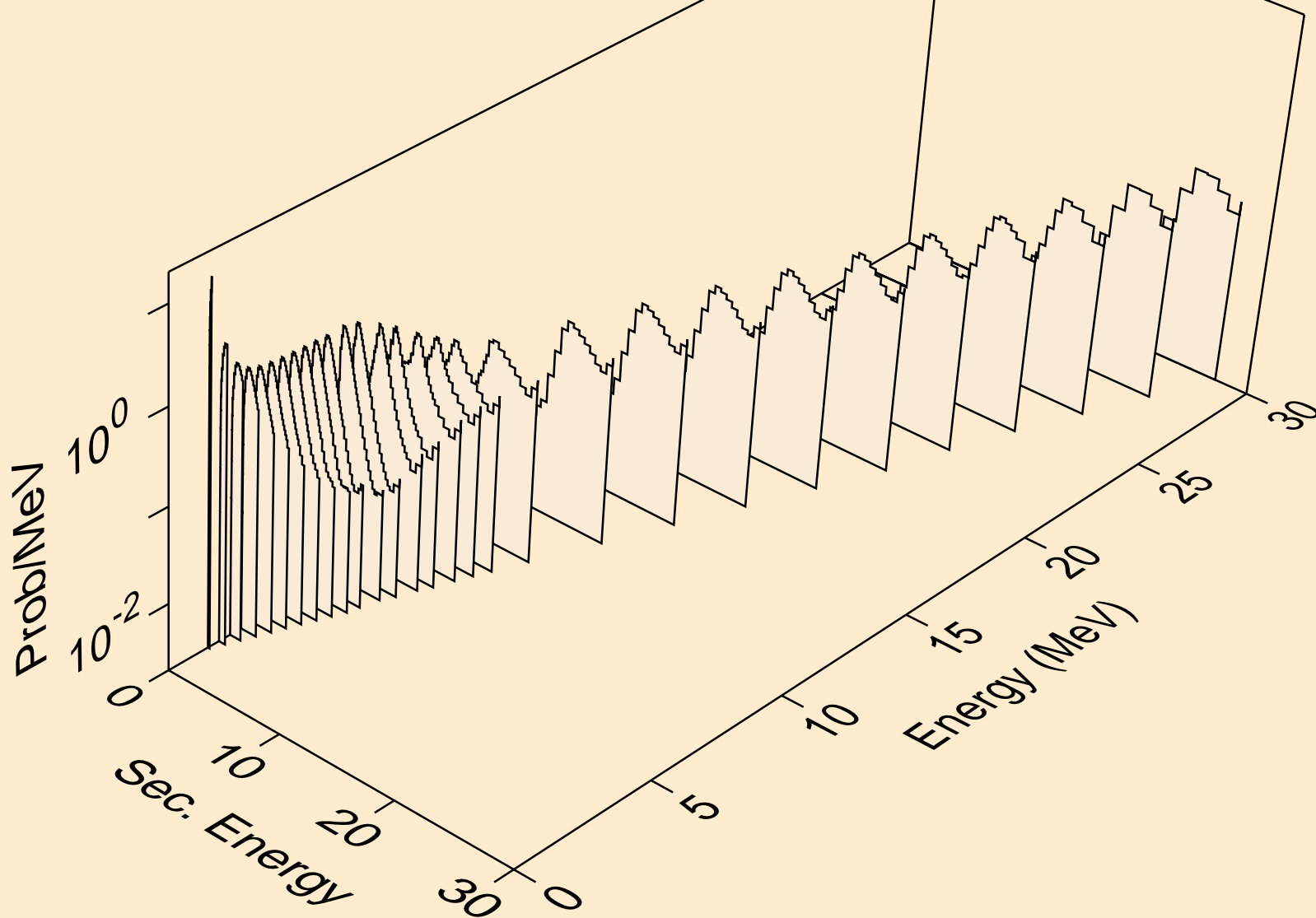
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Neutron emission for (n,3np)



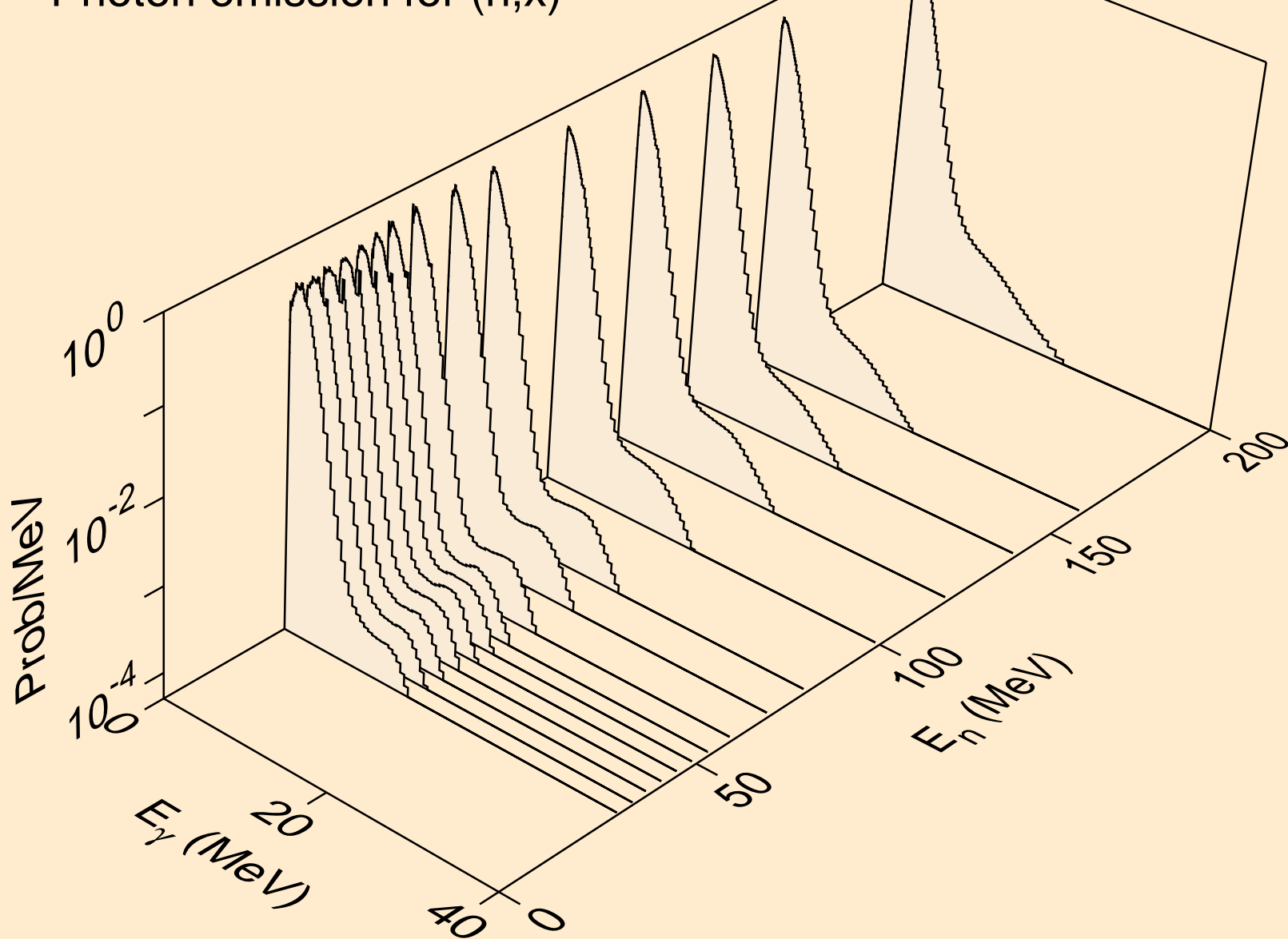
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Neutron emission for (n,2np)



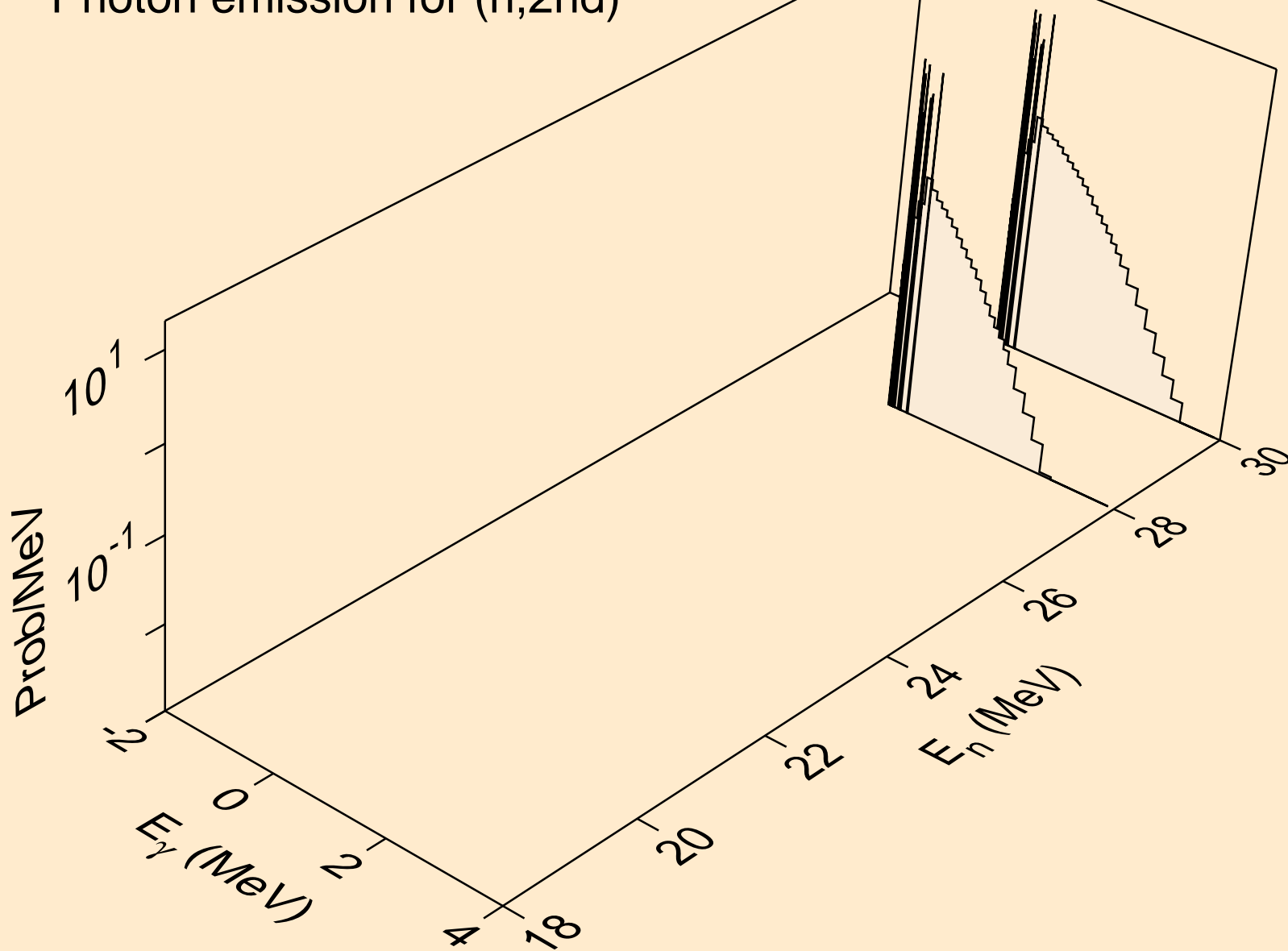
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Neutron emission for (n,n\*c)



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,x)

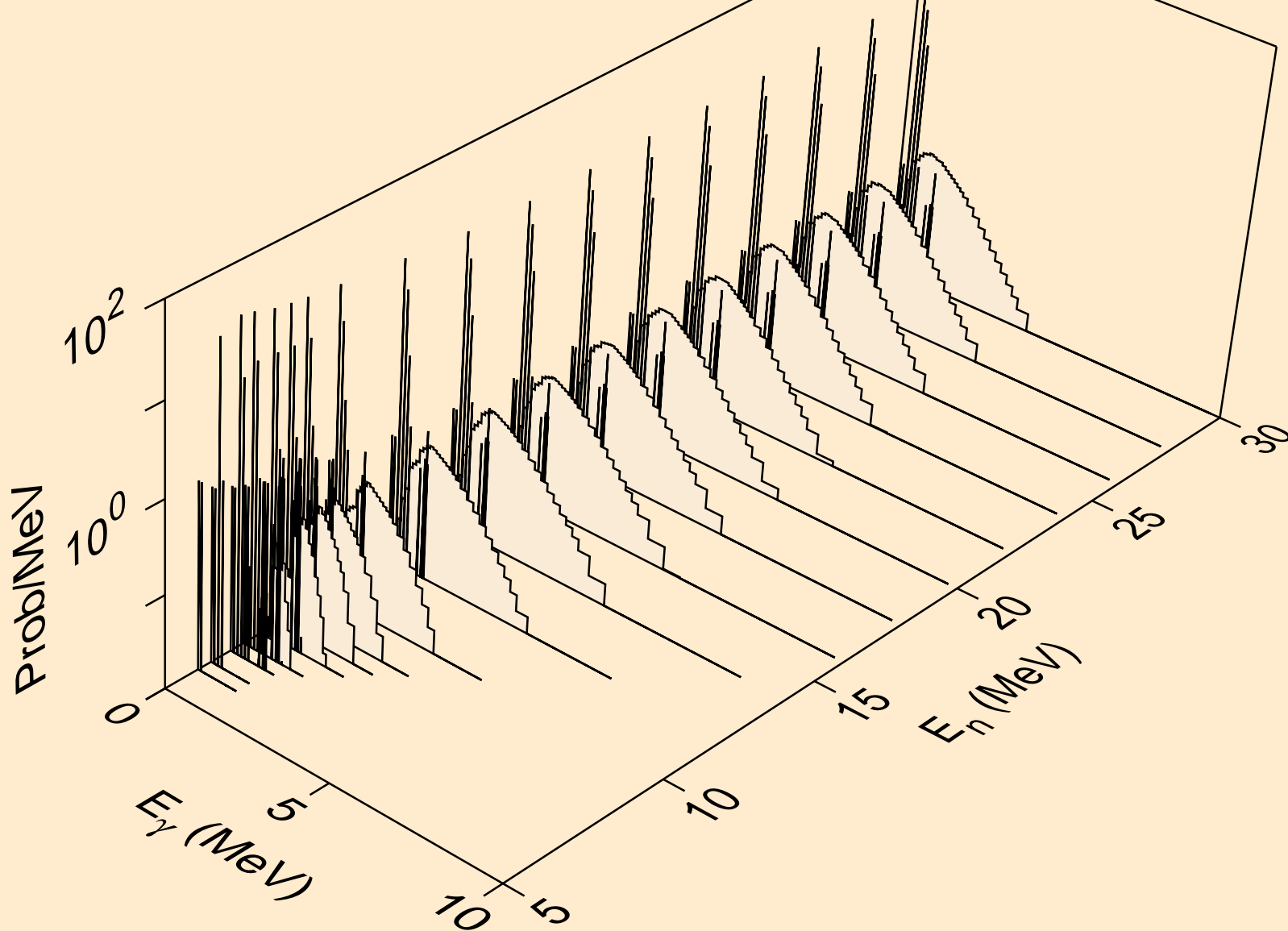


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Photon emission for (n,2nd)

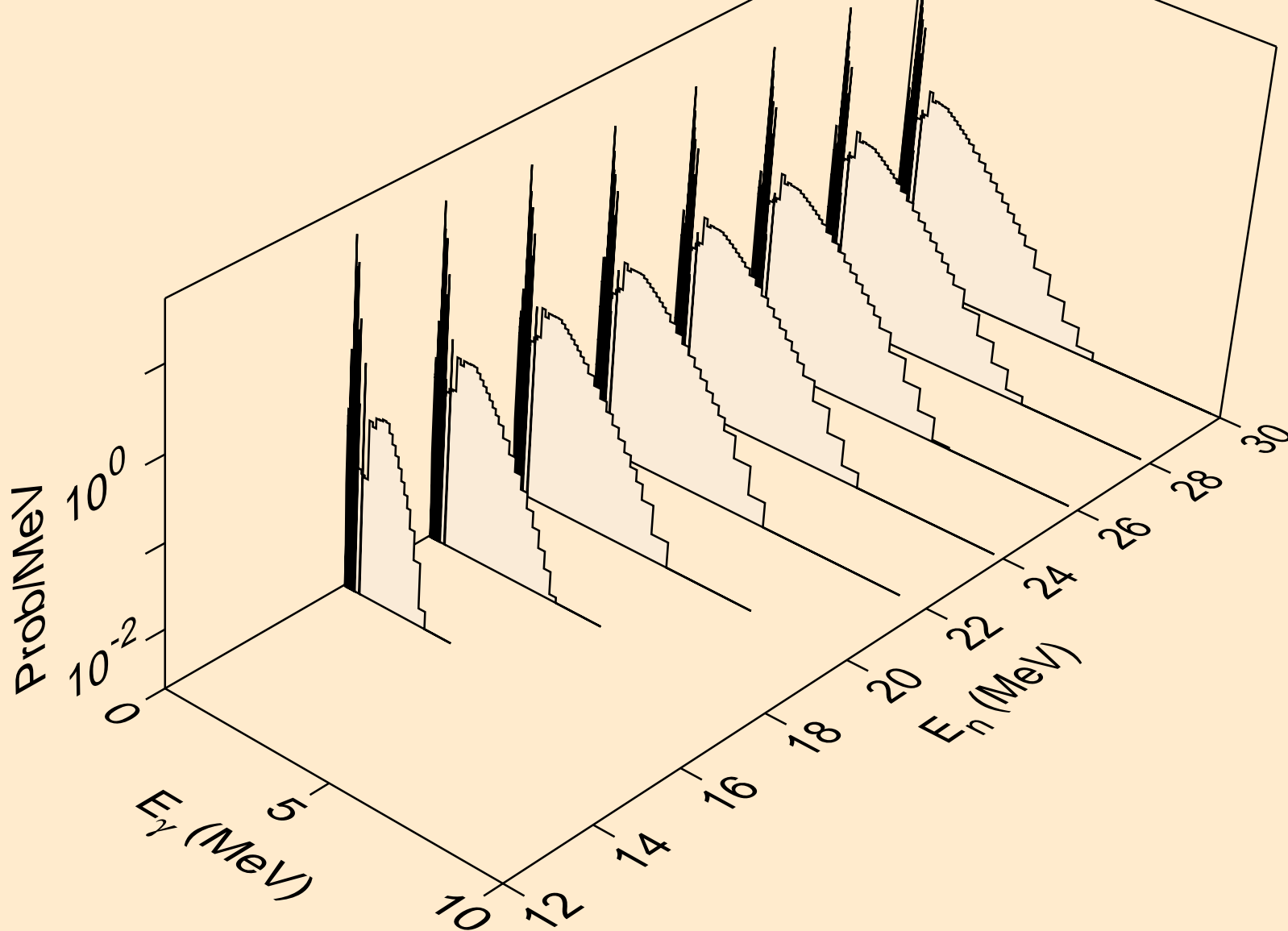




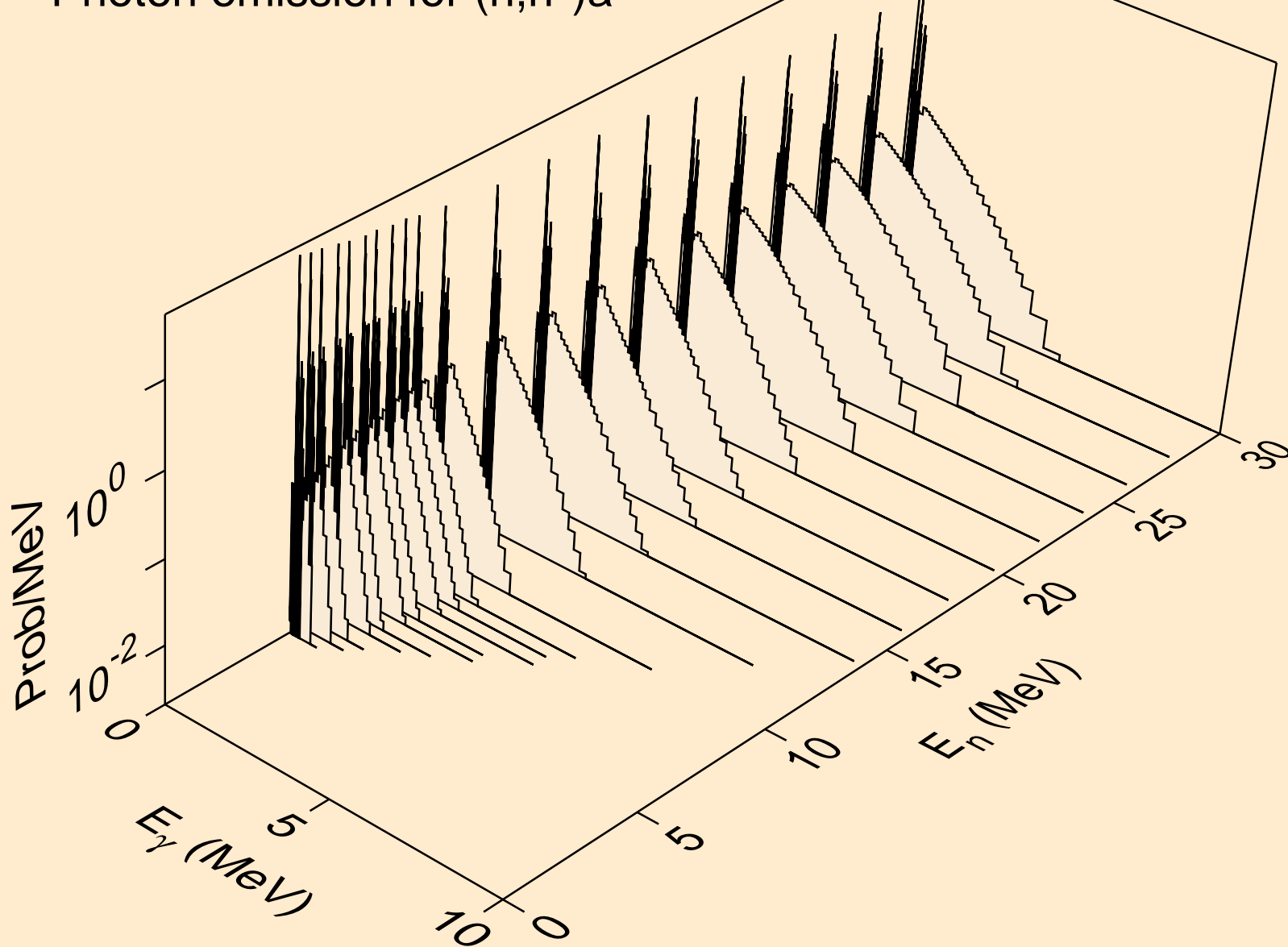
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Photon emission for (n,2n)



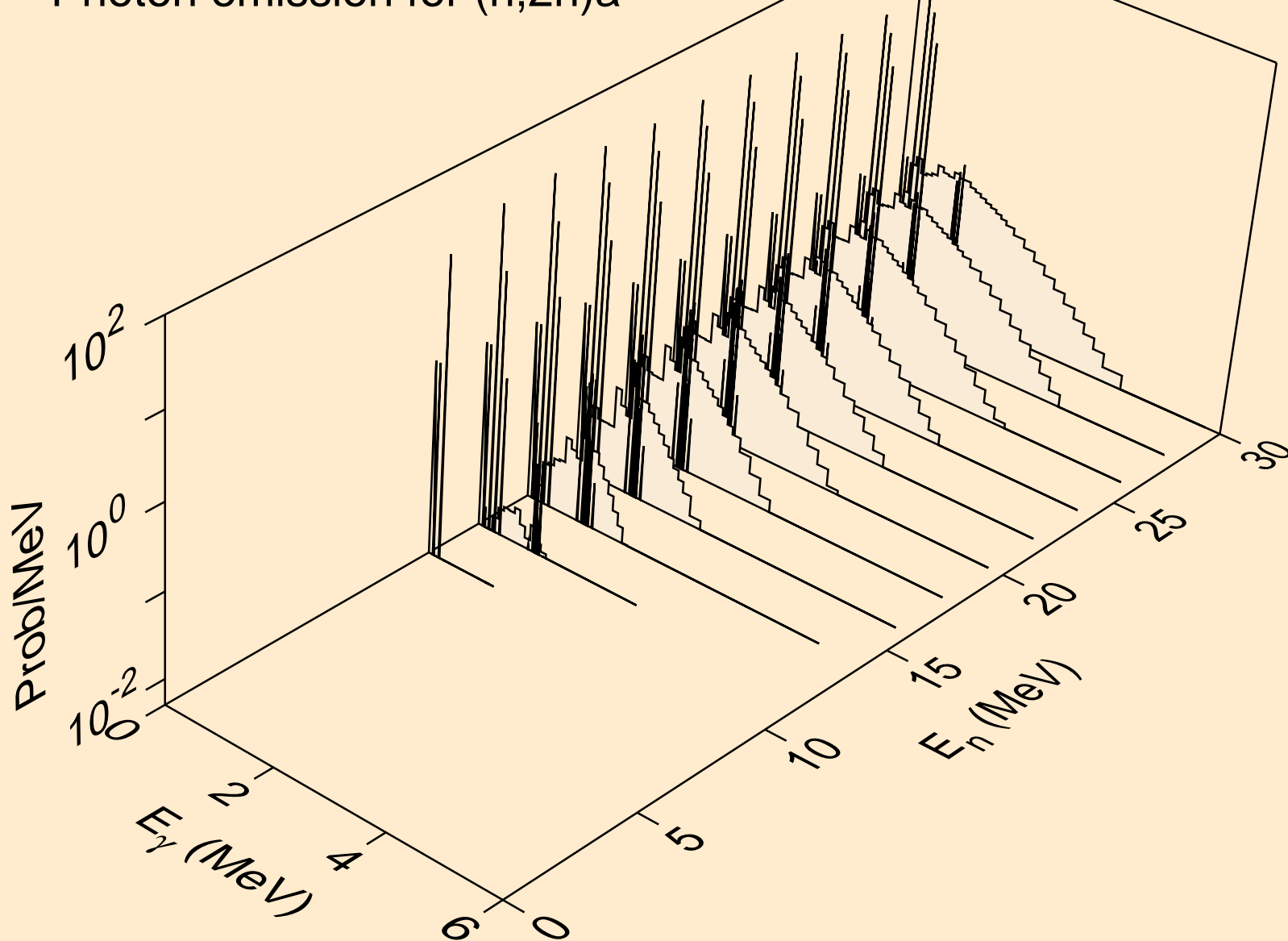
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Photon emission for (n,3n)



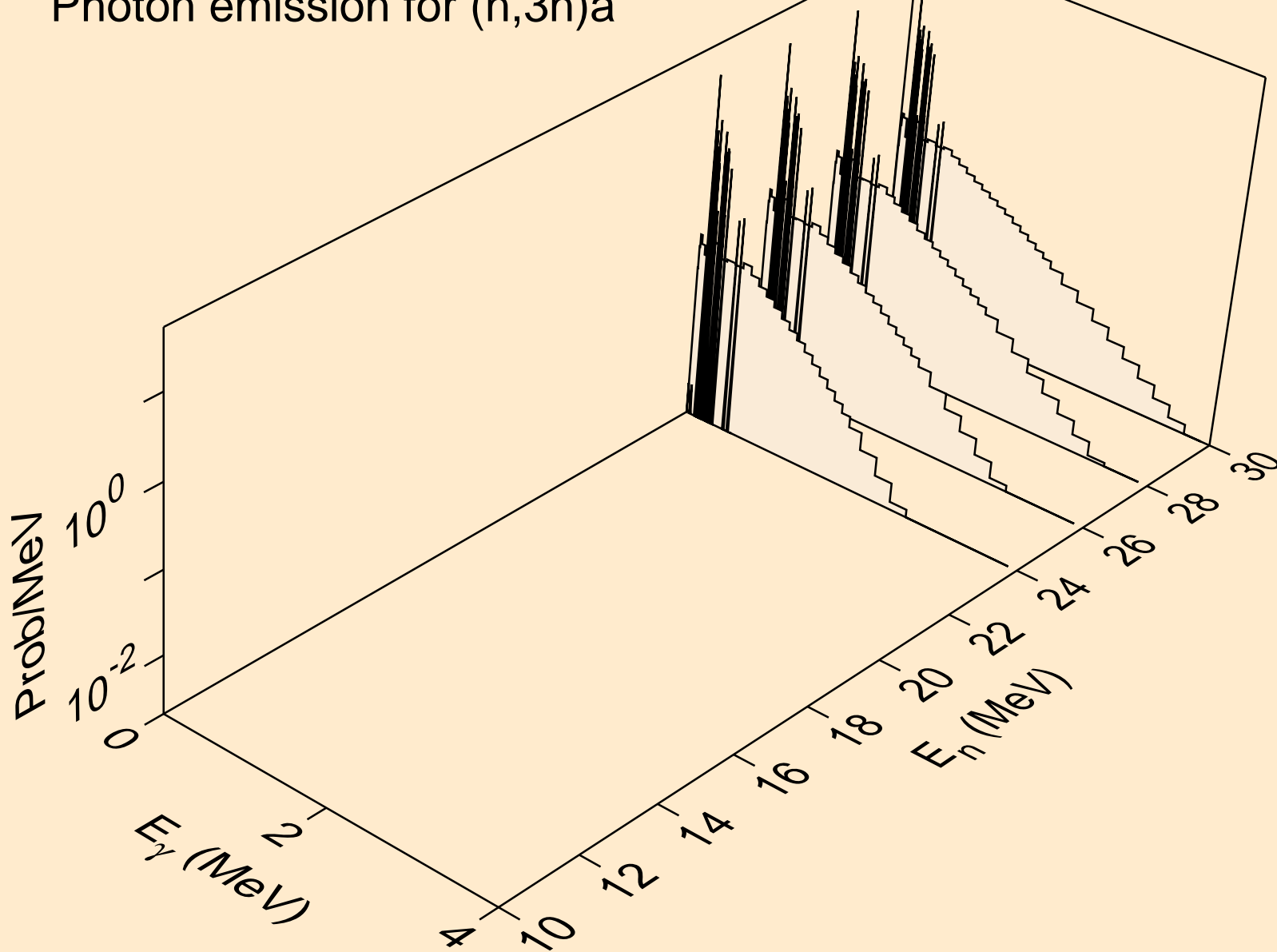
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Photon emission for (n,n\*)a



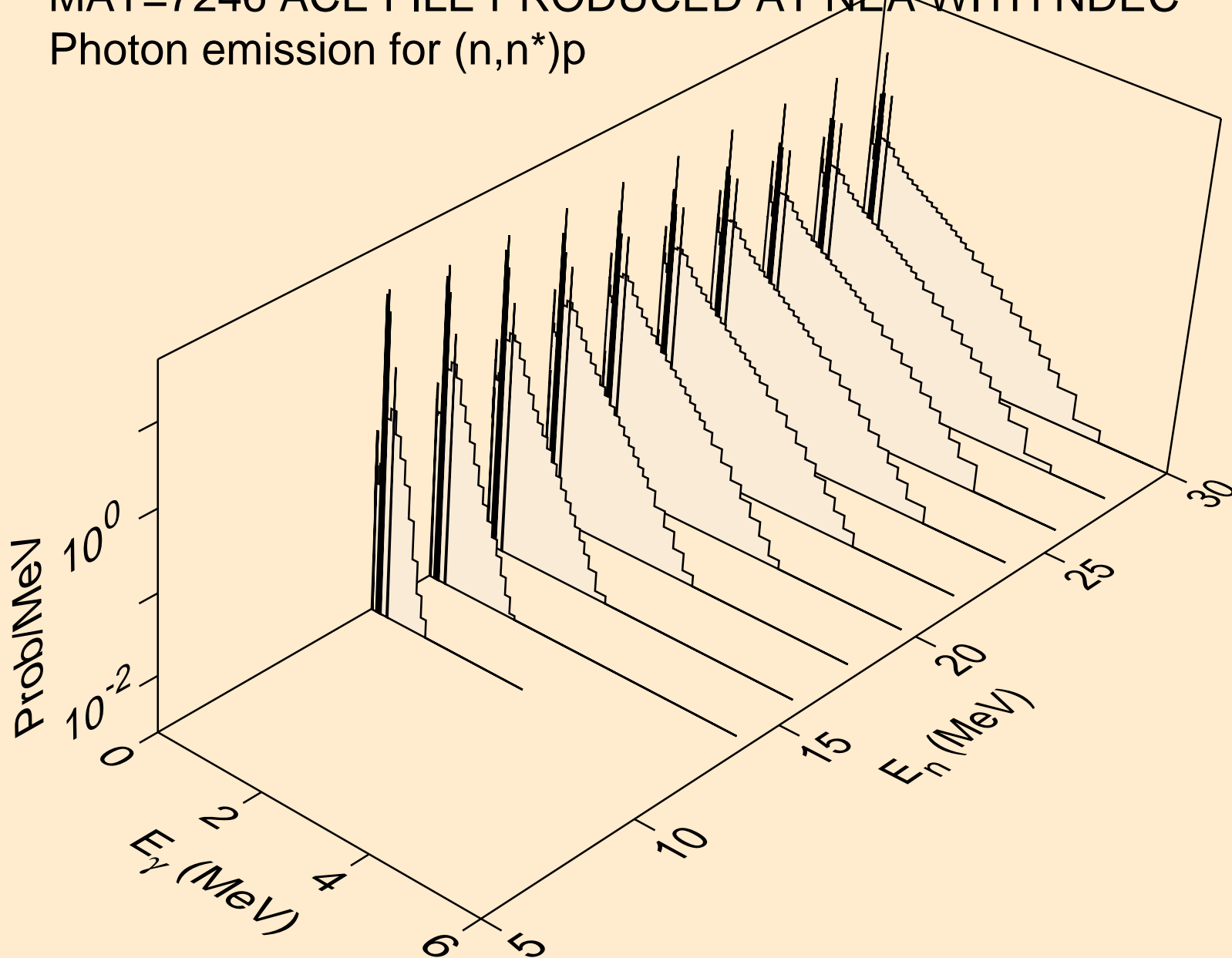
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Photon emission for (n,2n)a



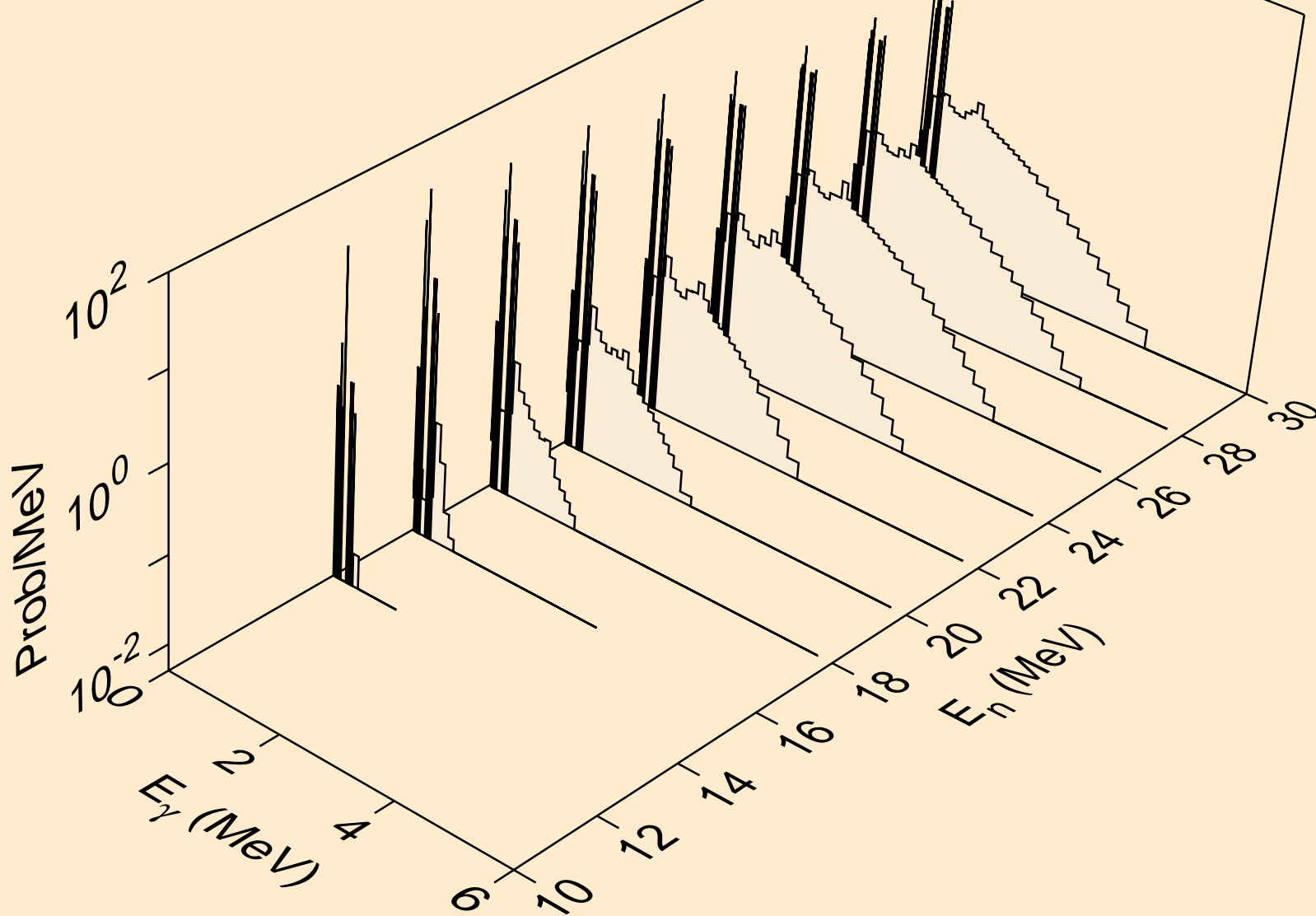
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Photon emission for (n,3n)a



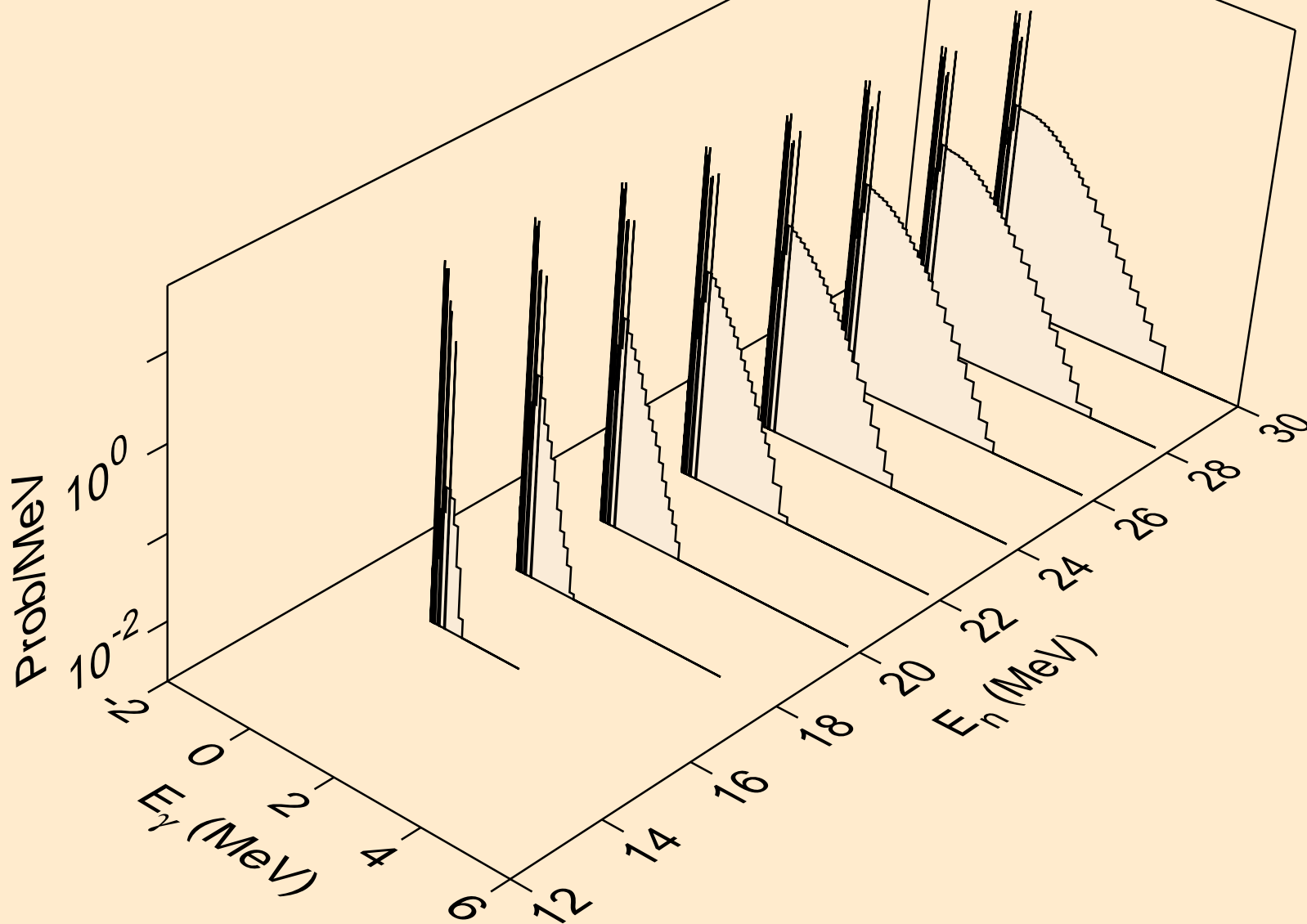
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Photon emission for (n,n\*)p



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*)d

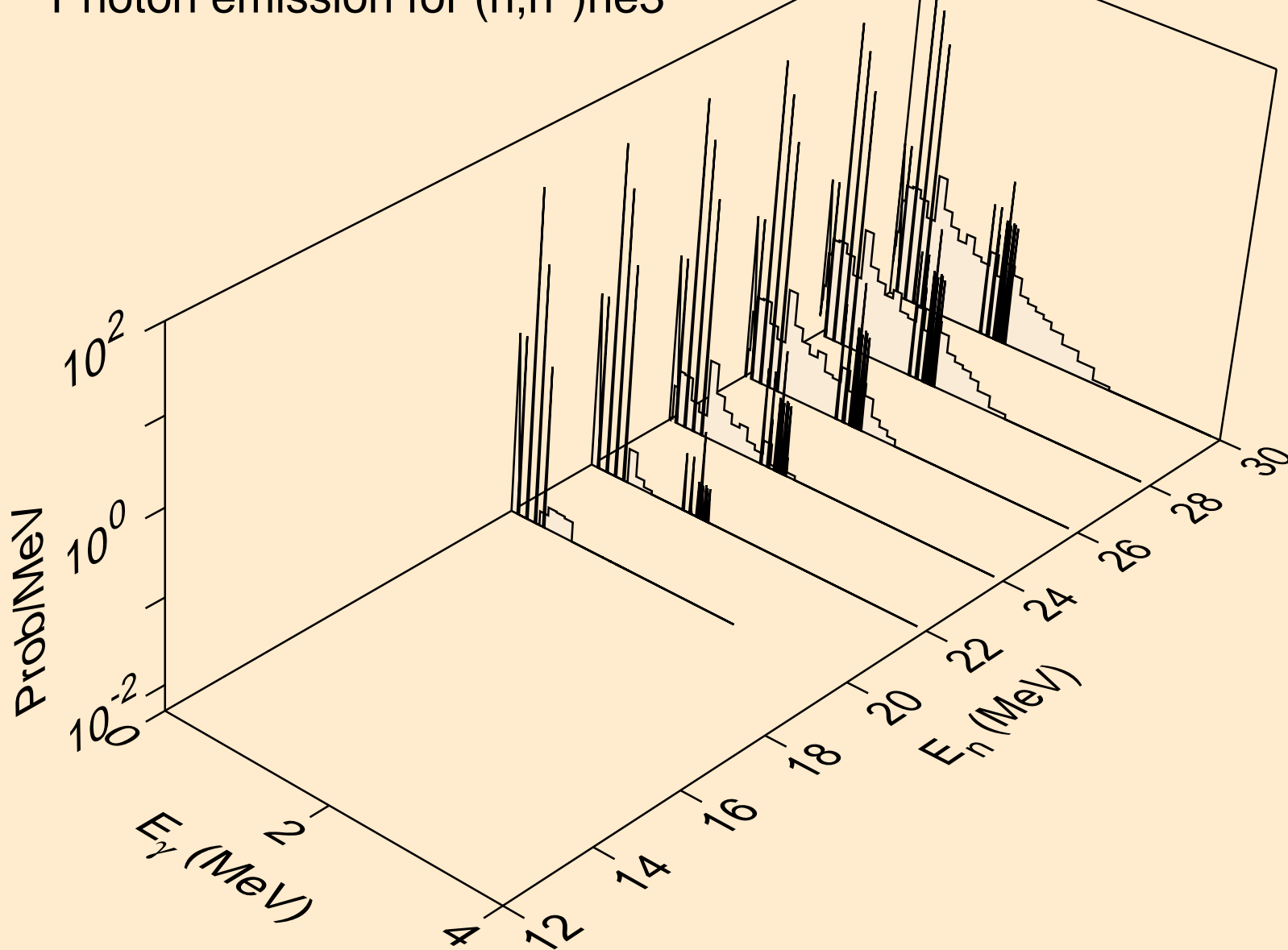


MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*)t

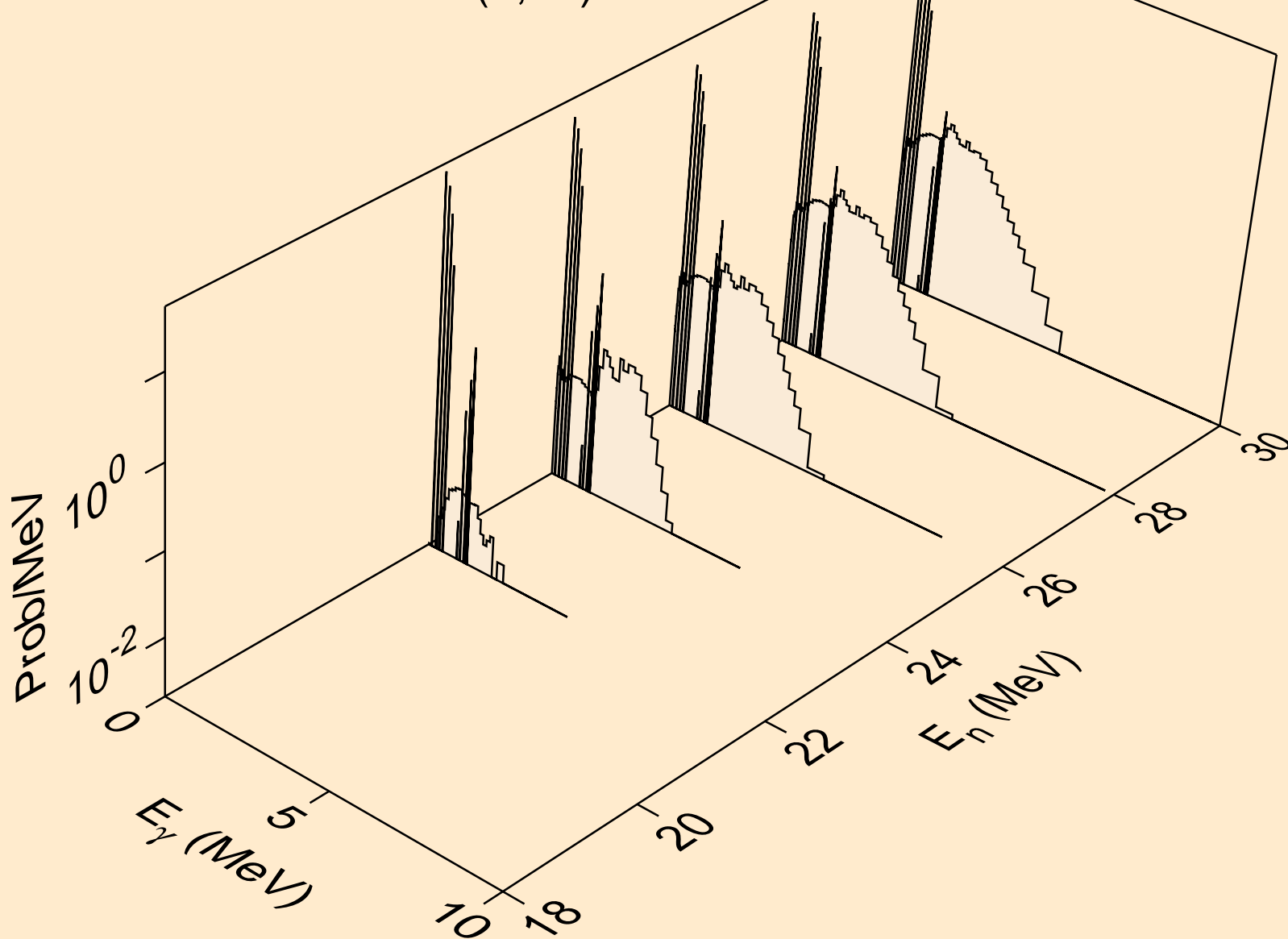




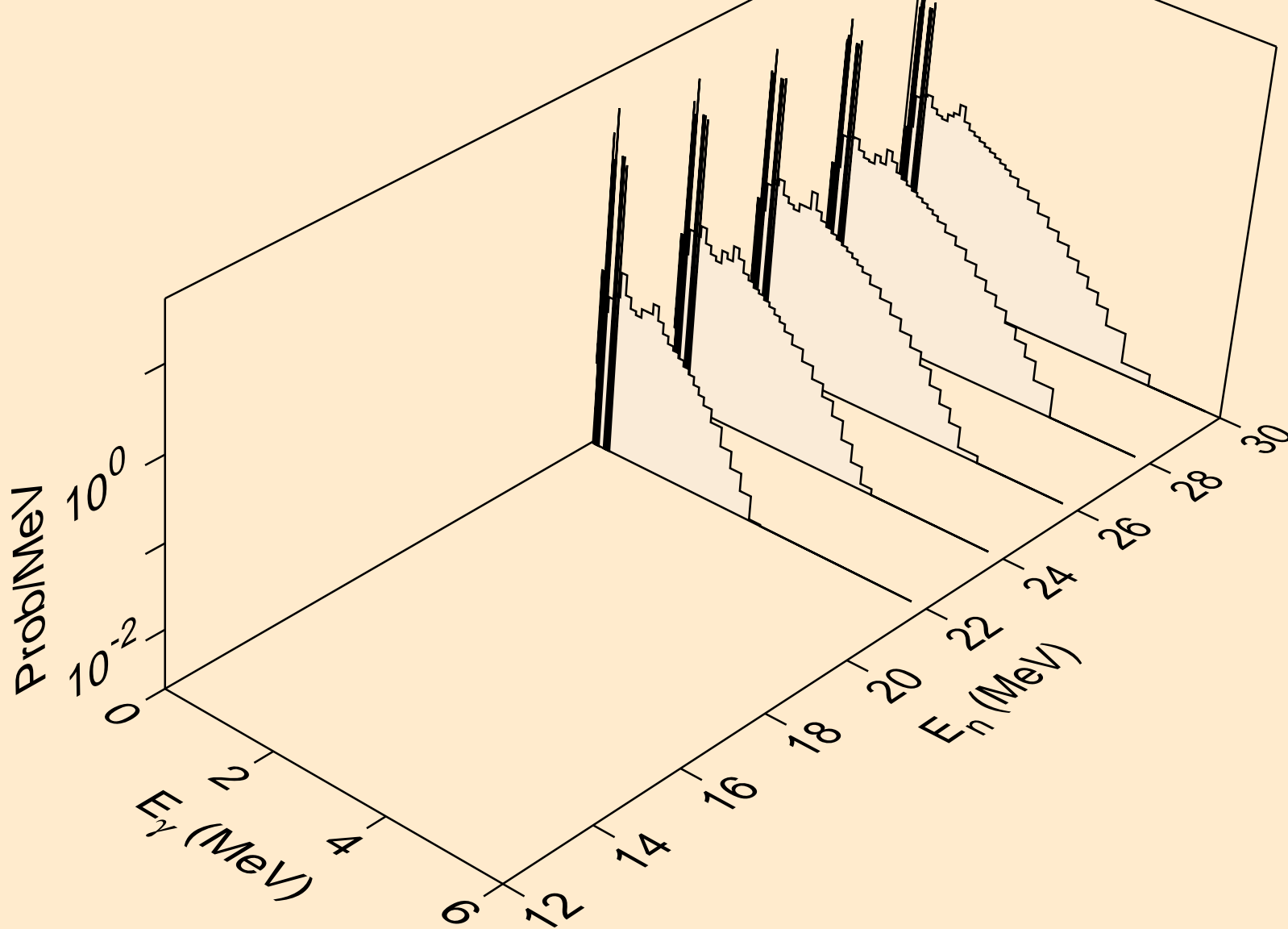
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Photon emission for (n,n\*)he3



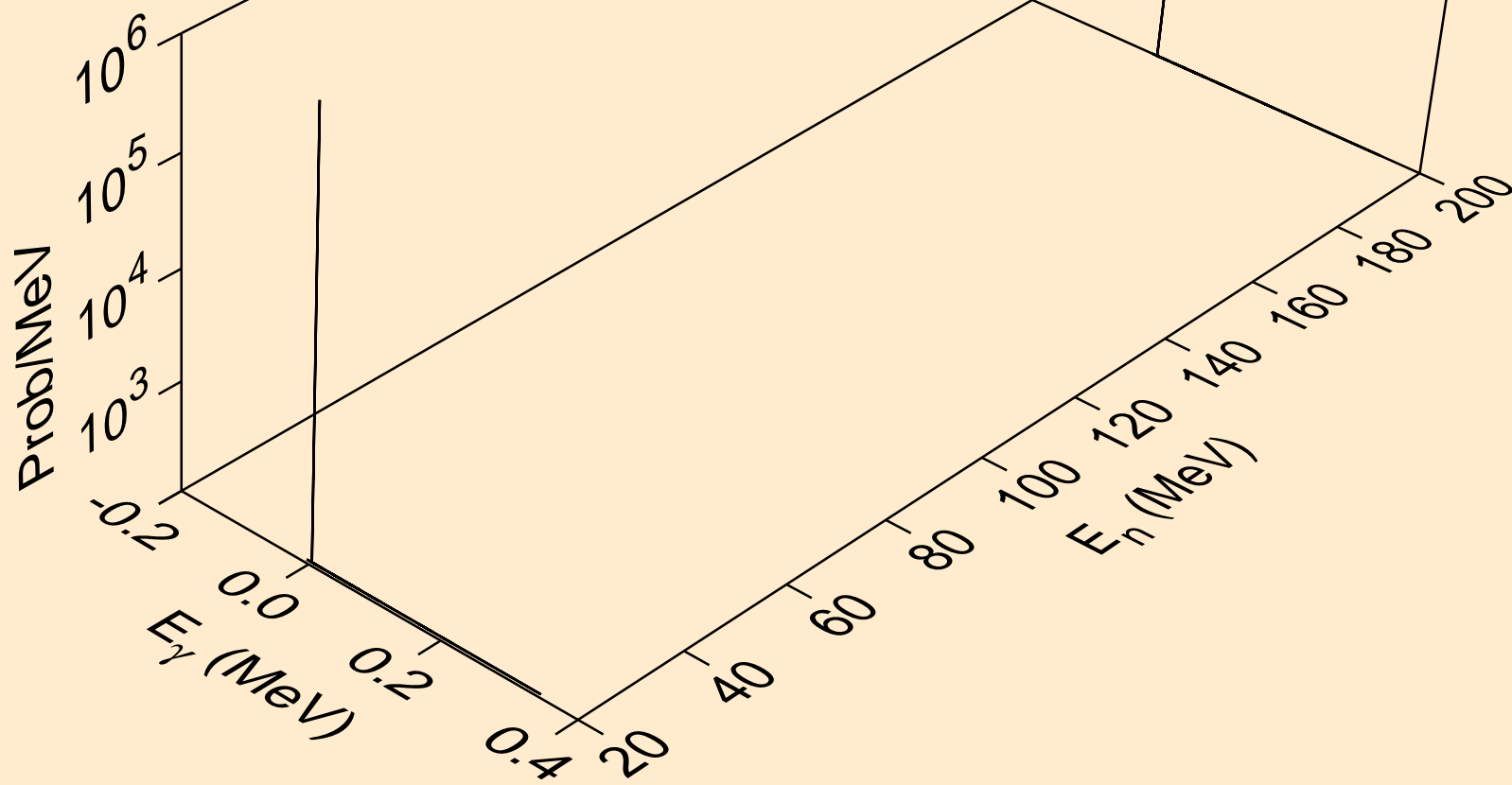
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Photon emission for (n,4n)



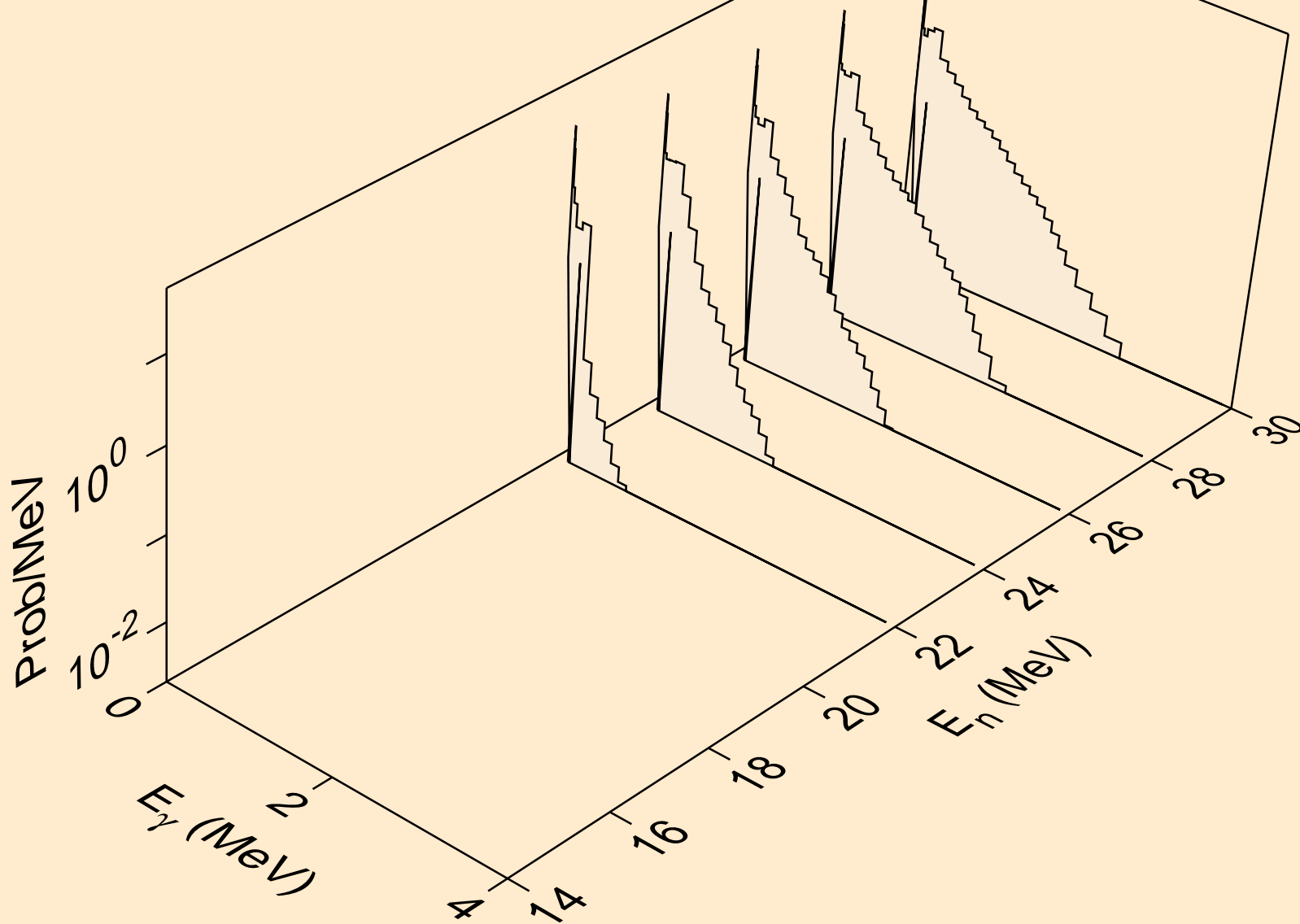
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Photon emission for (n,2np)



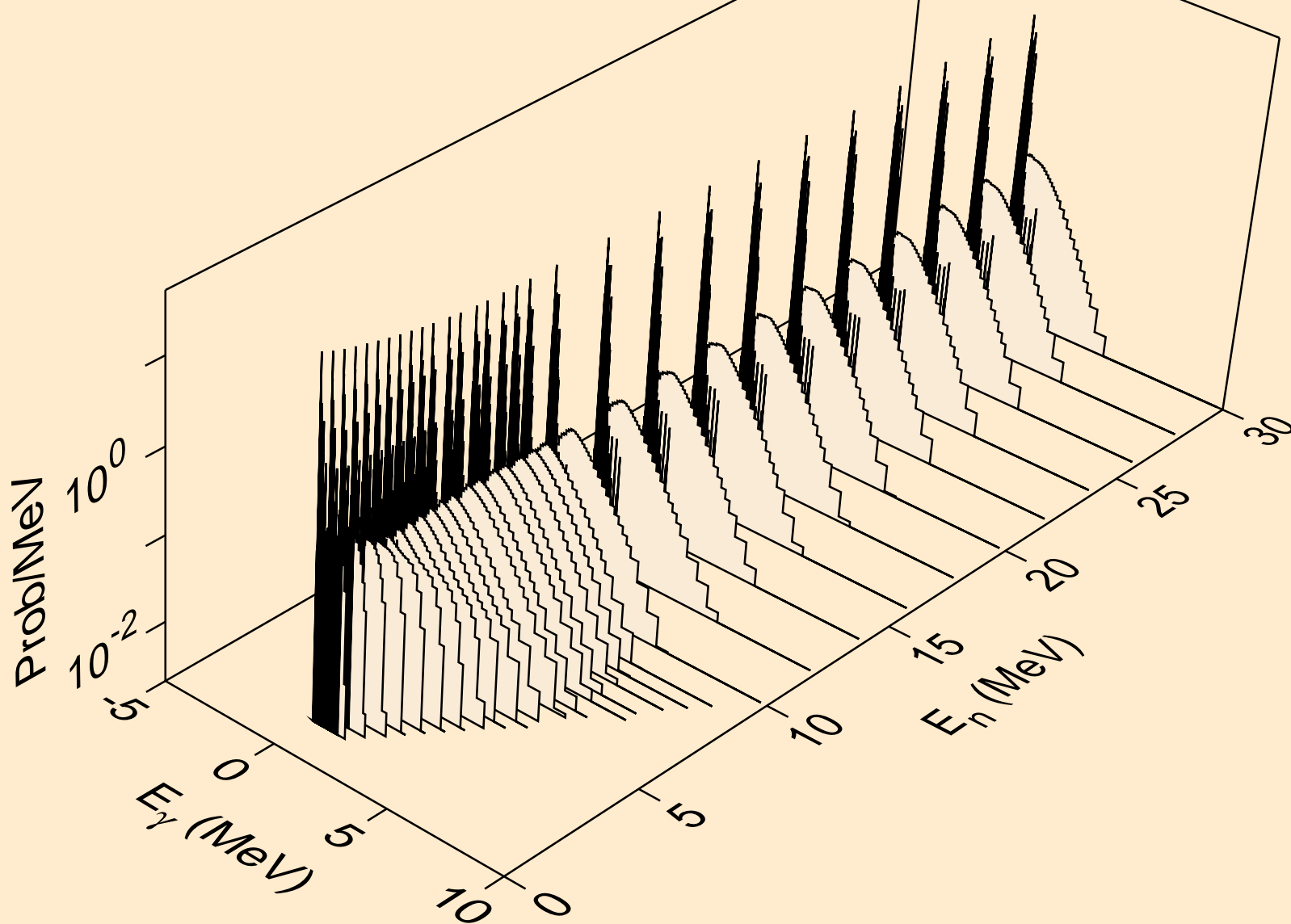
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Photon emission for (n,3np)



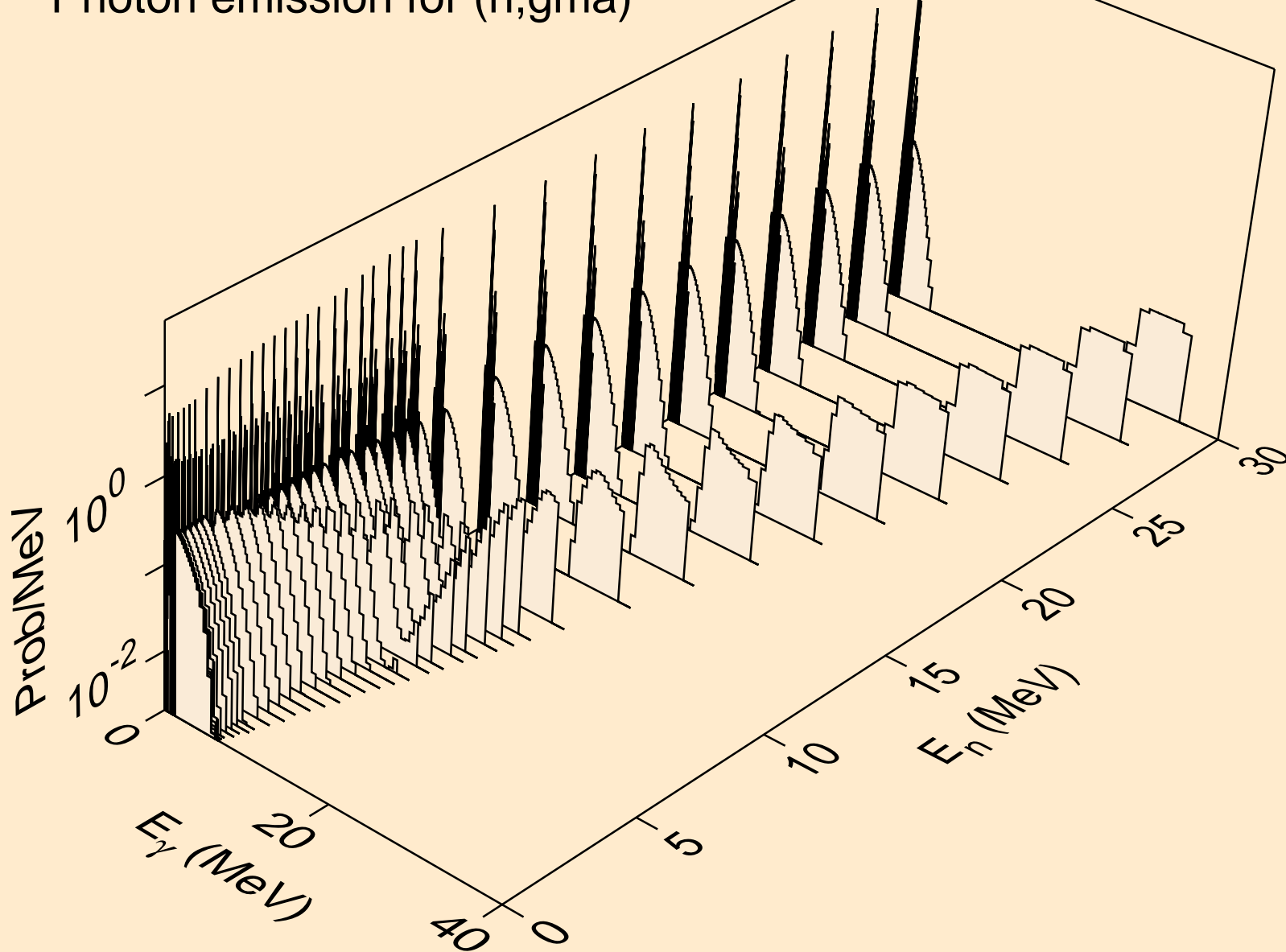
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Photon emission for (n,2np)



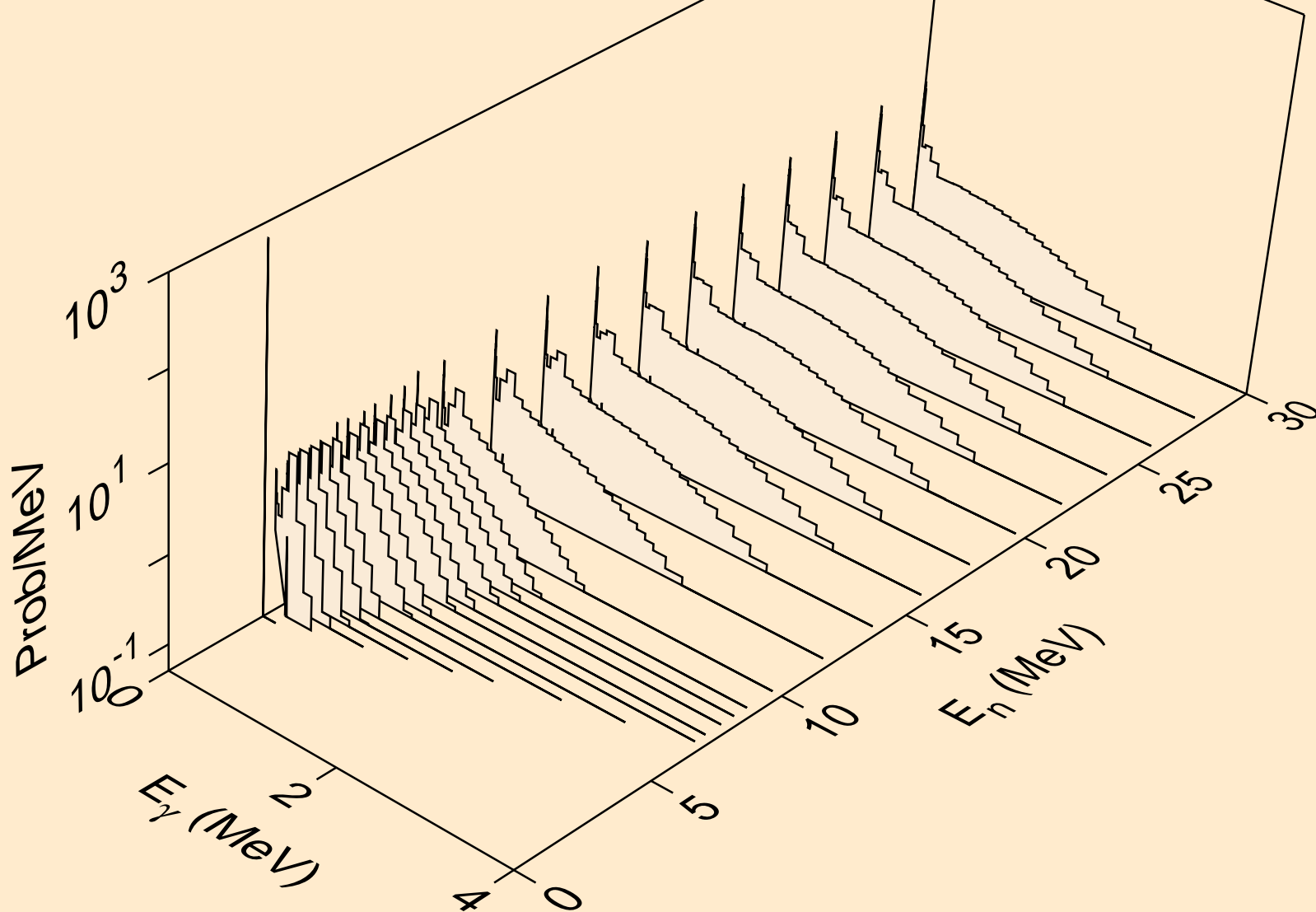
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Photon emission for (n,n\*c)



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,gma)

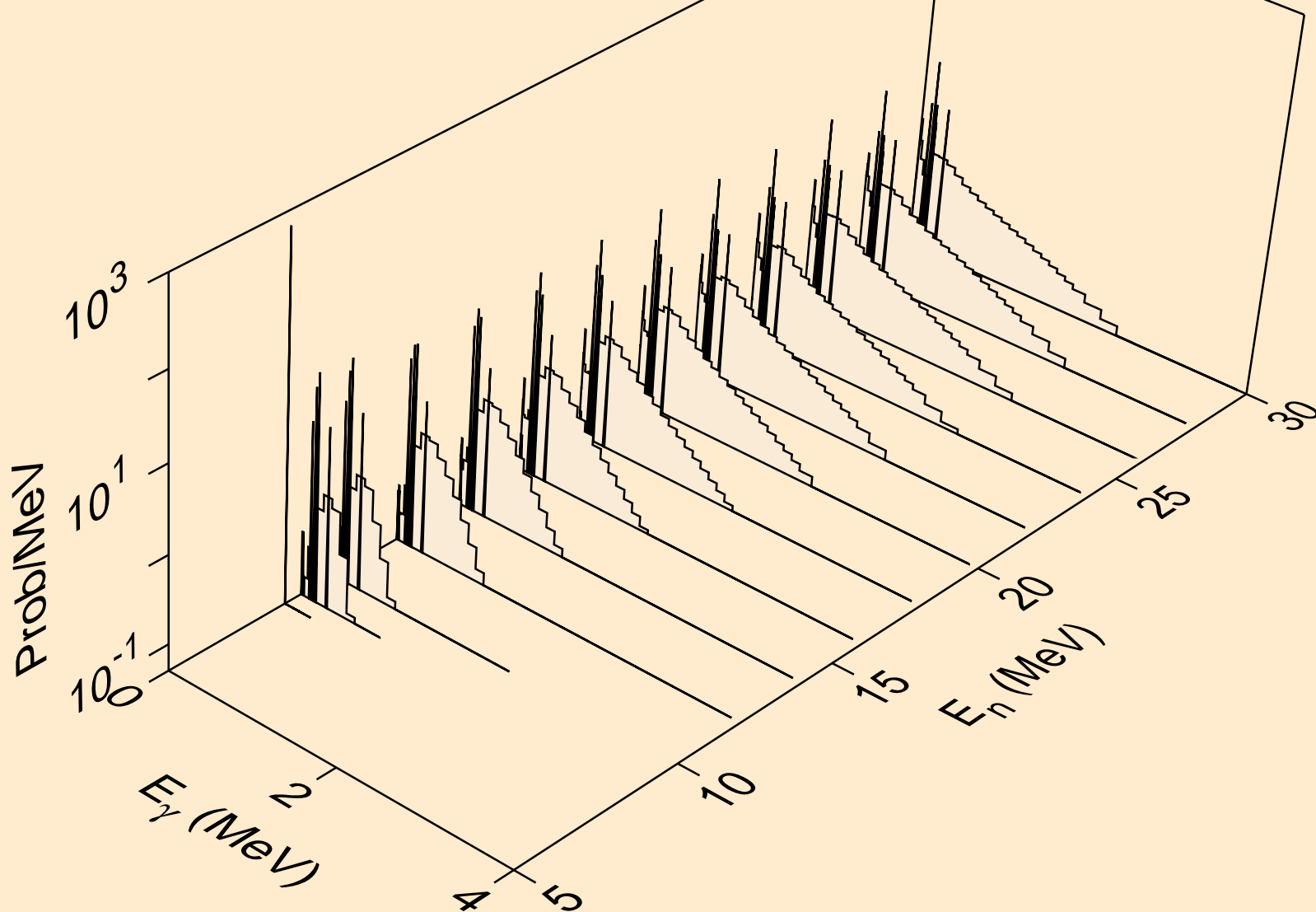


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Photon emission for (n,p)

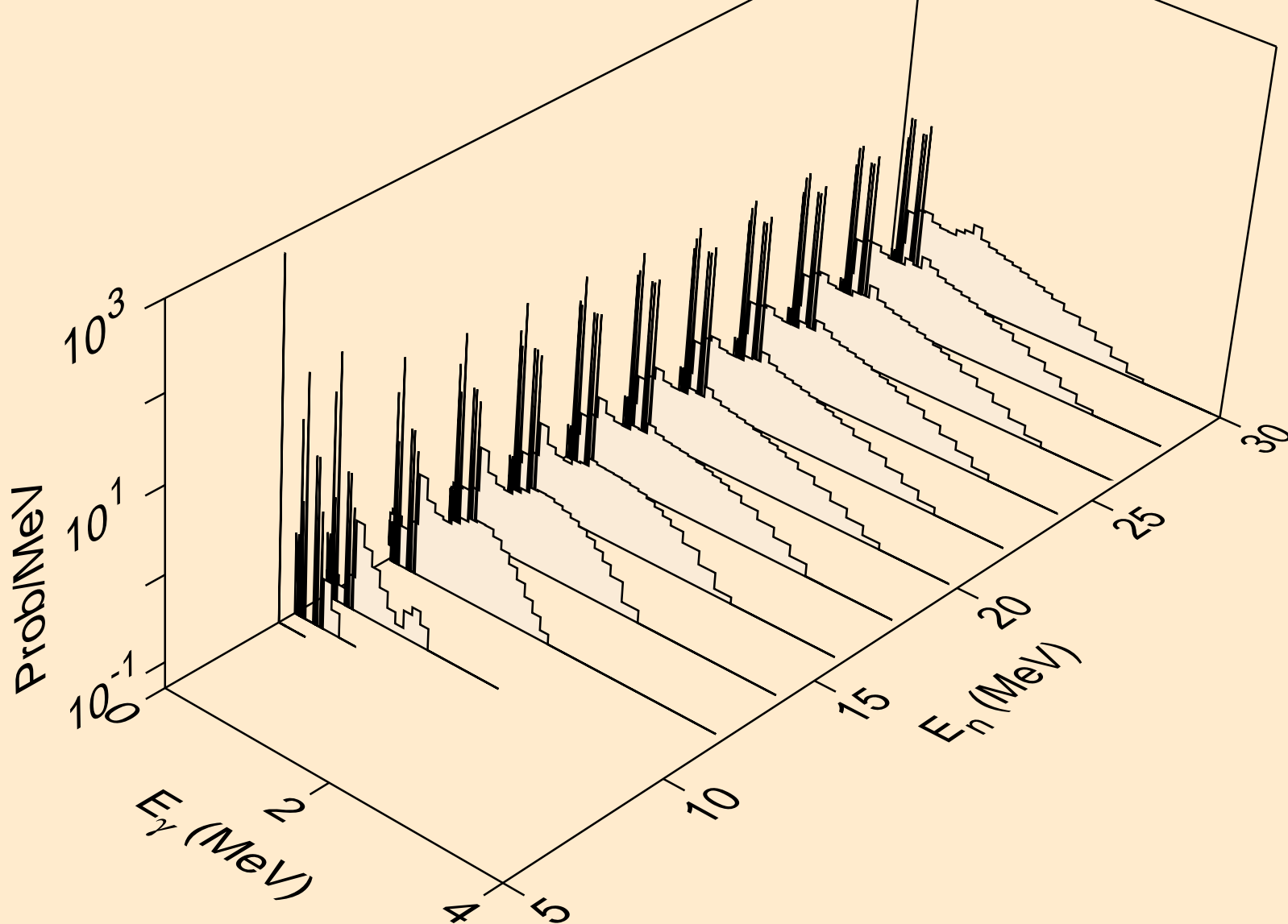




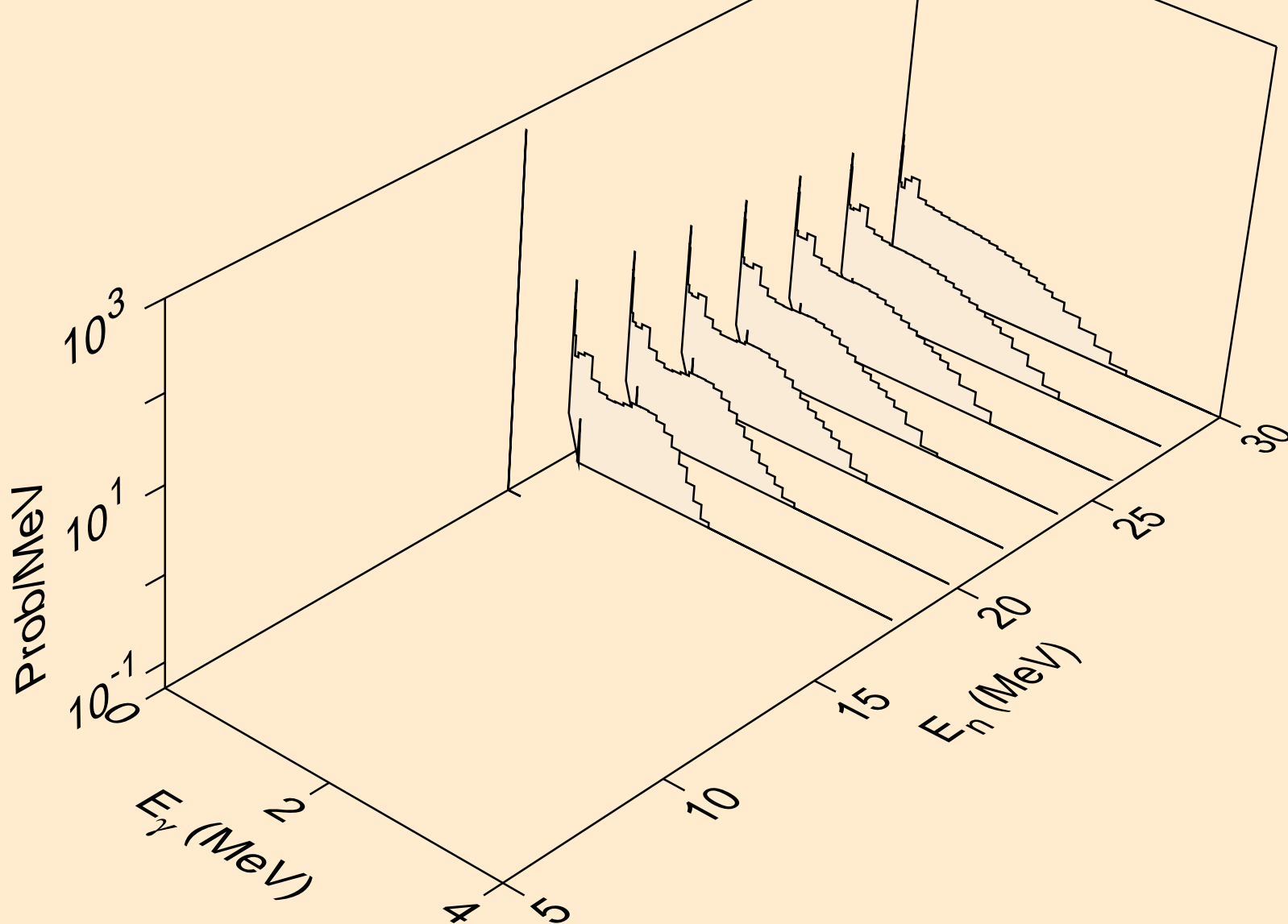
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Photon emission for (n,d)



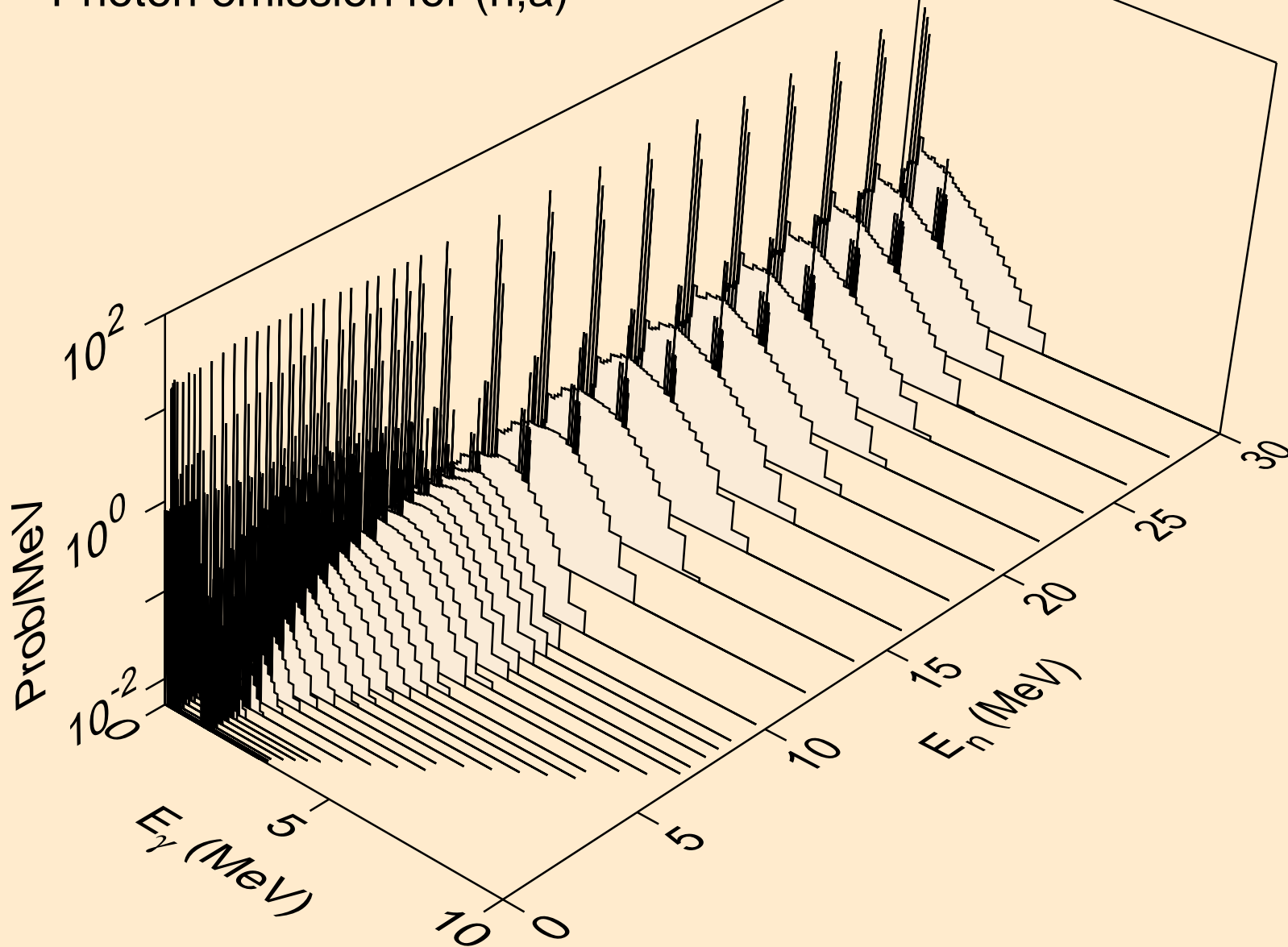
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Photon emission for (n,t)



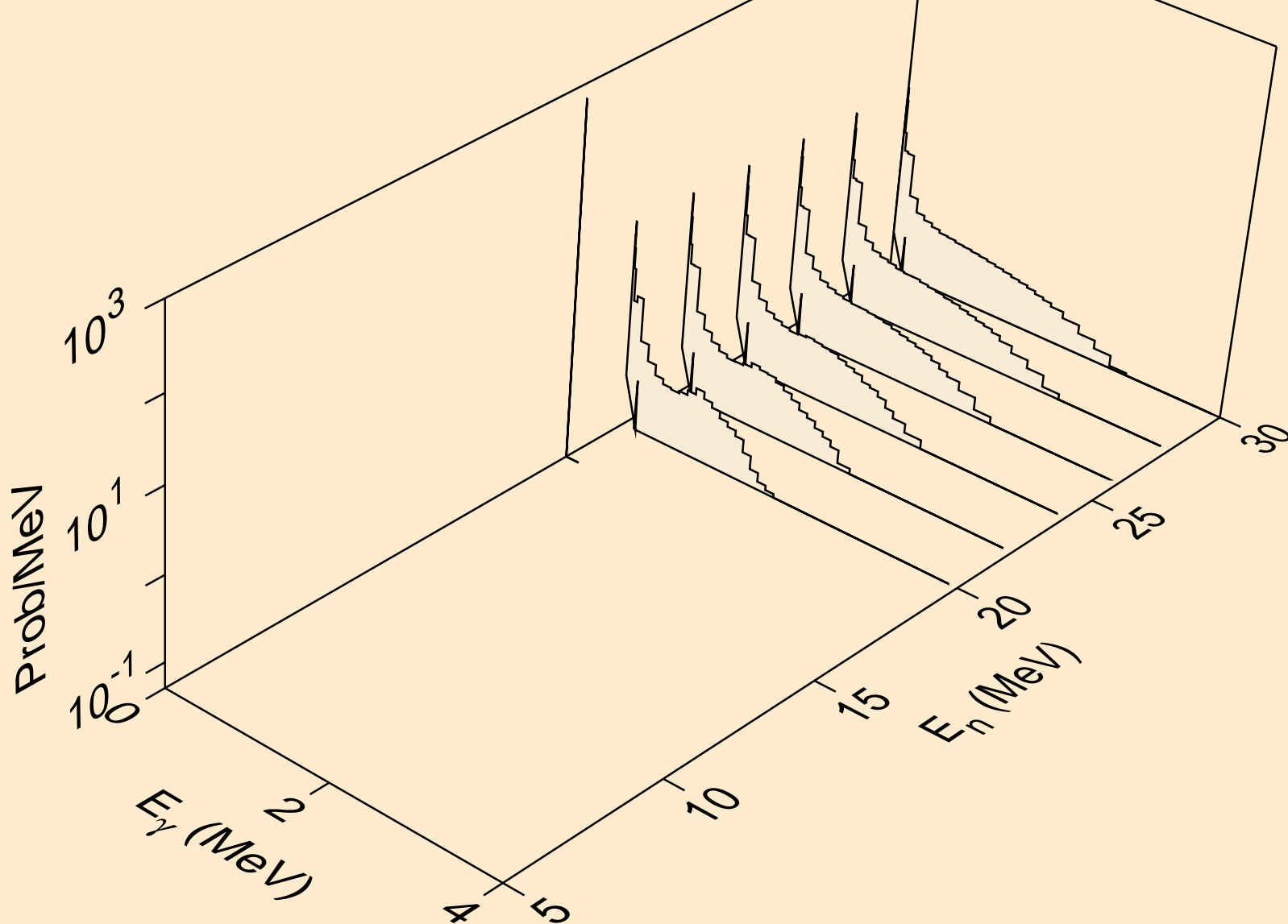
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Photon emission for (n,he3)



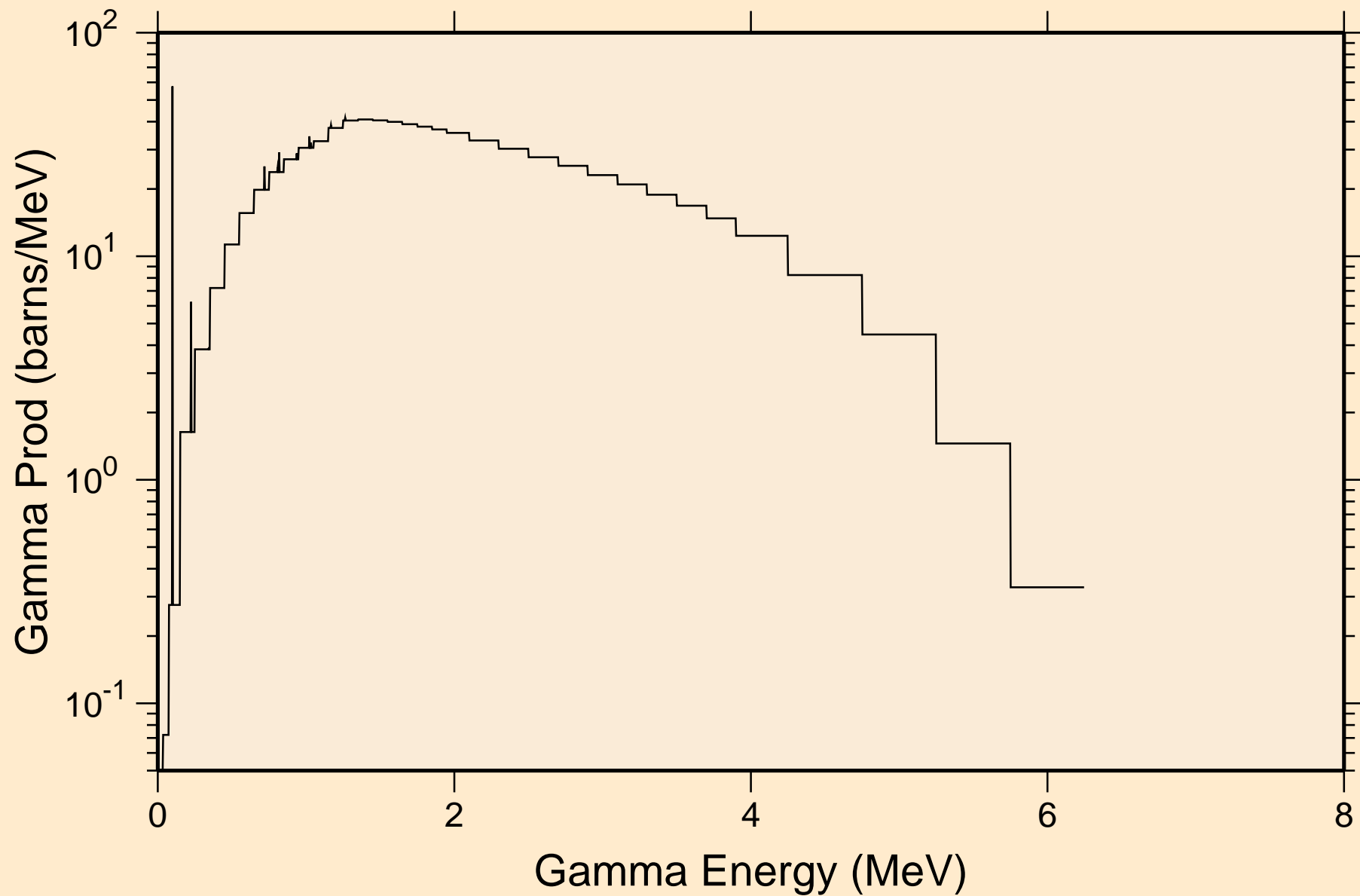
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Photon emission for (n,a)



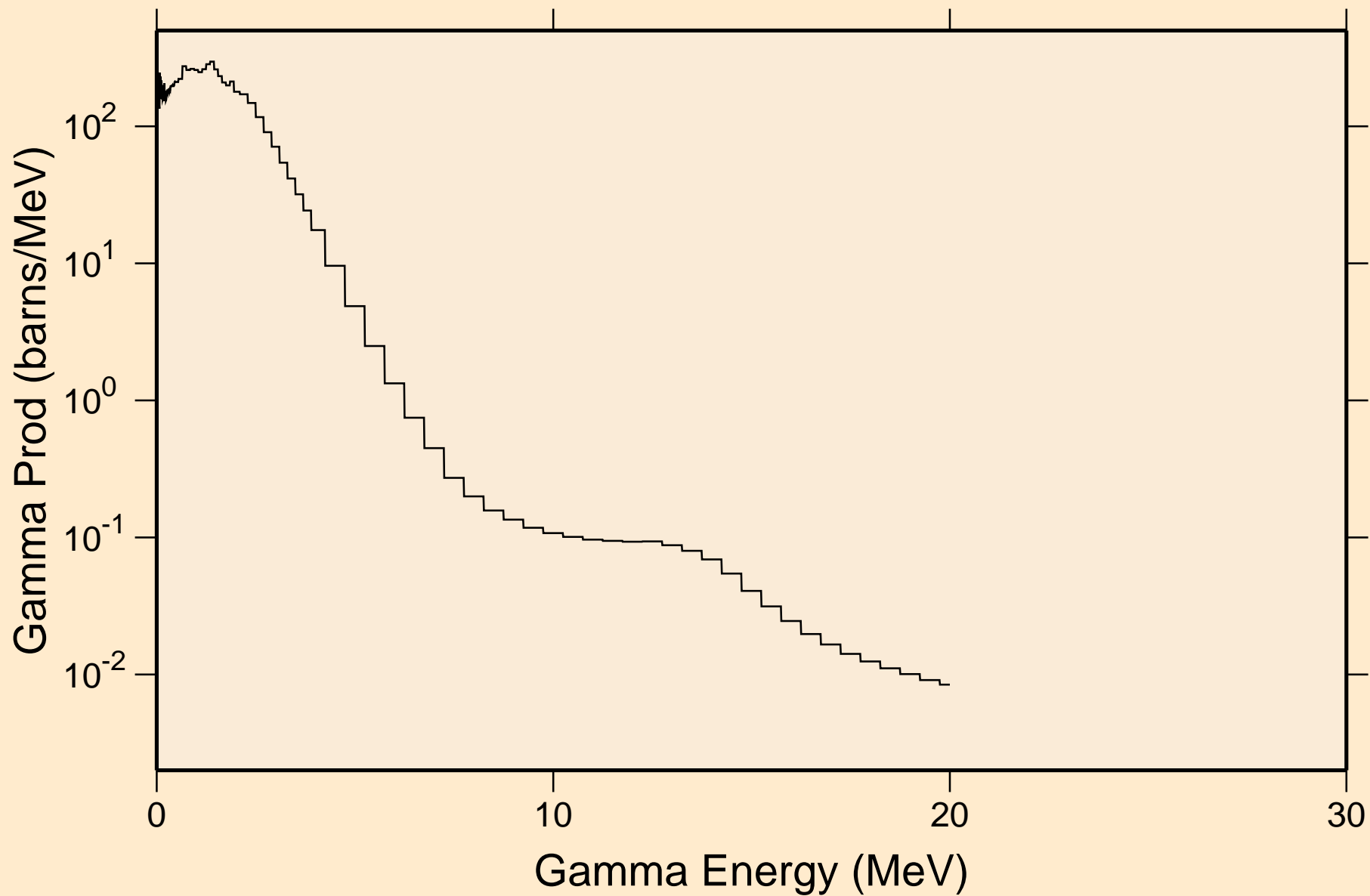
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Photon emission for (n,2p)



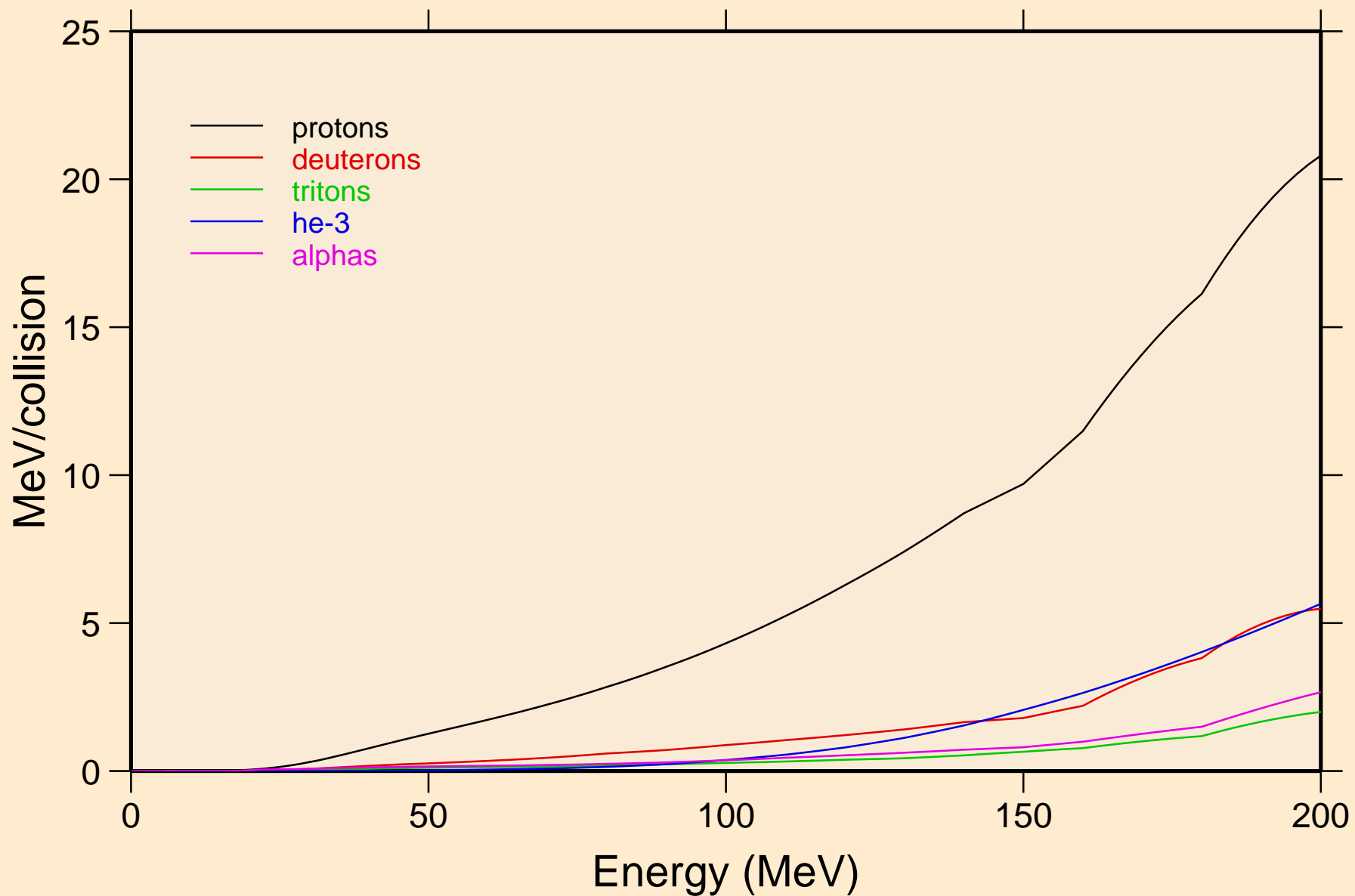
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thermal capture photon spectrum



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
14 MeV photon spectrum

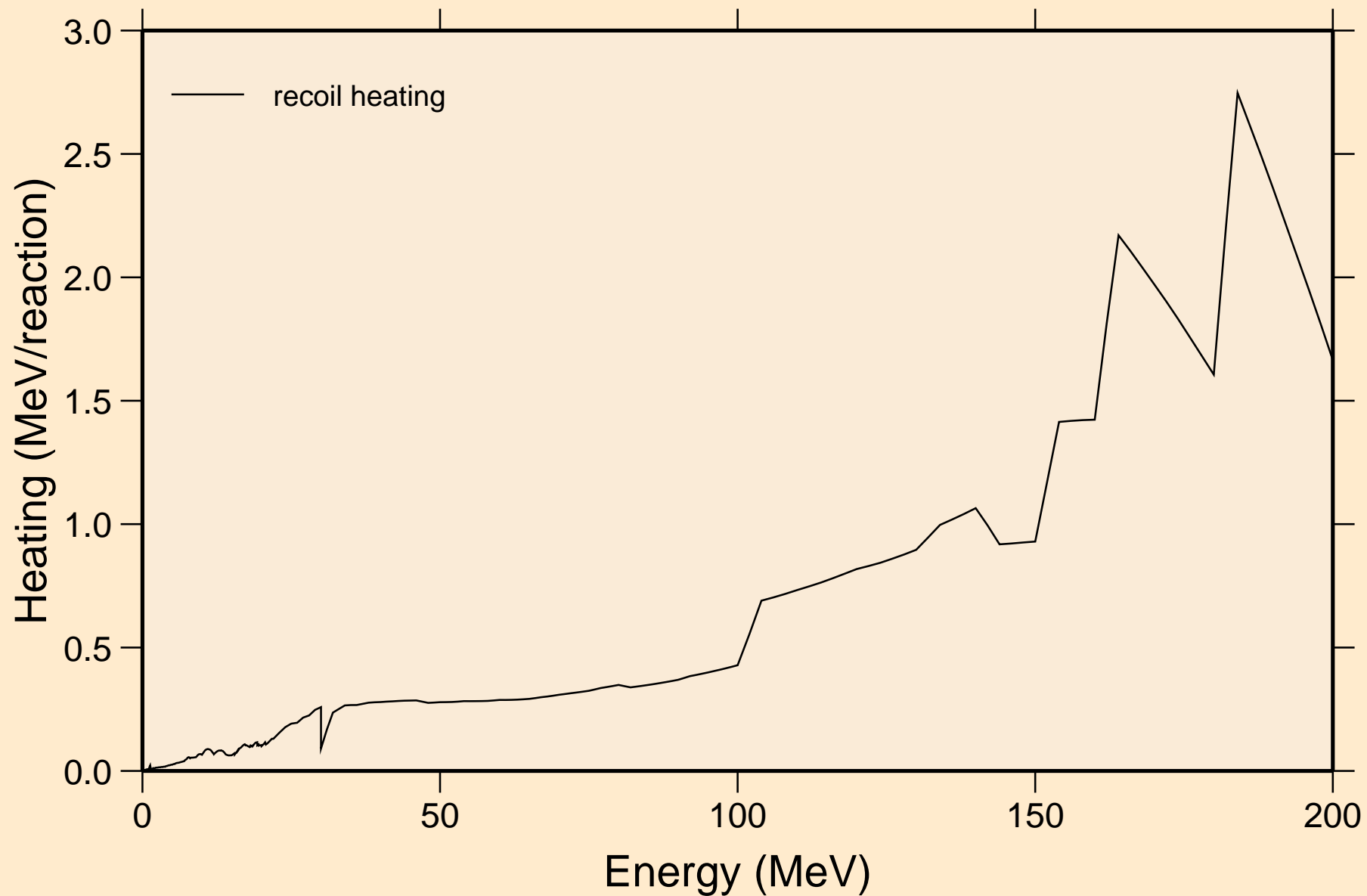


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Particle heating contributions

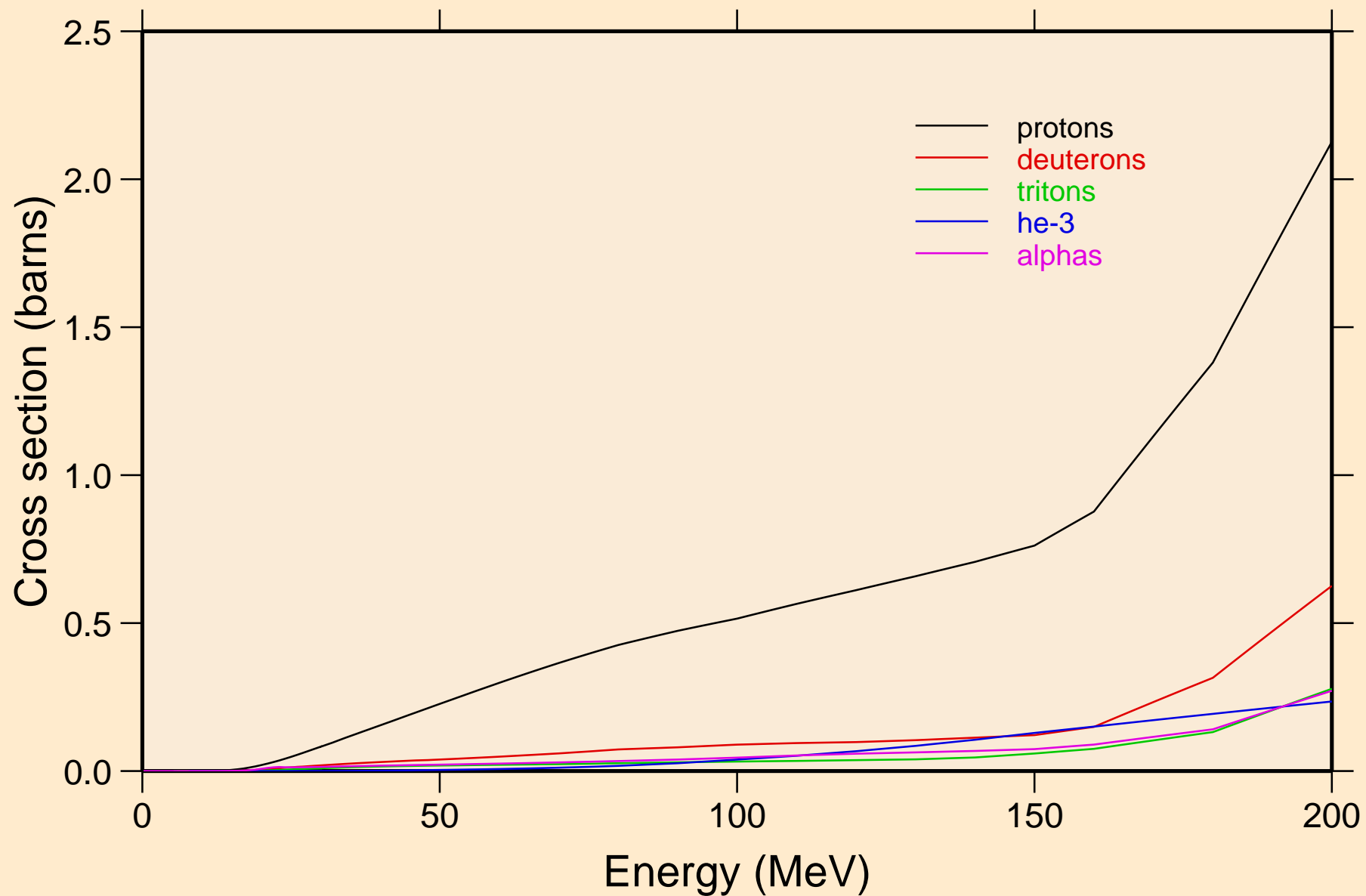




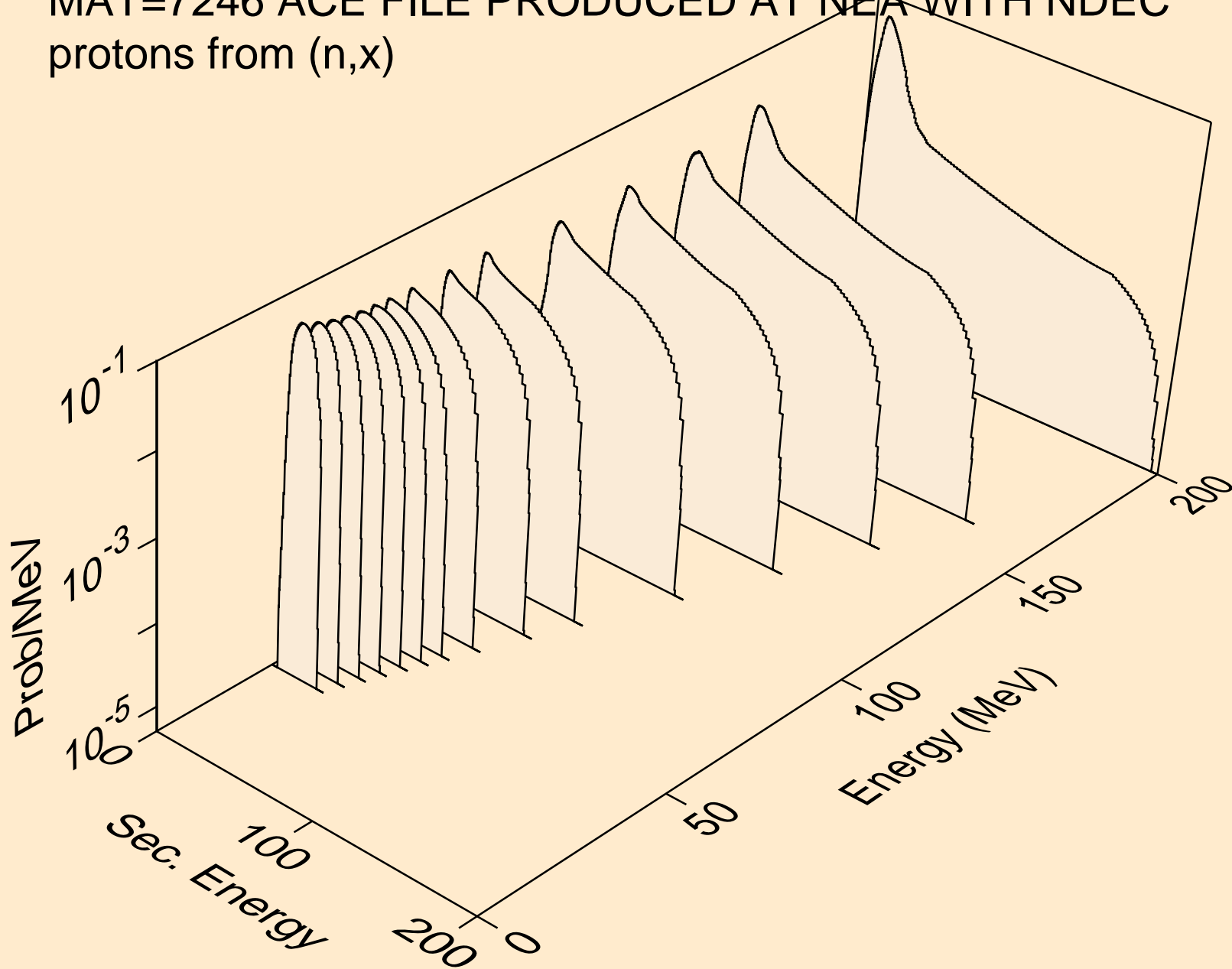
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Recoil Heating



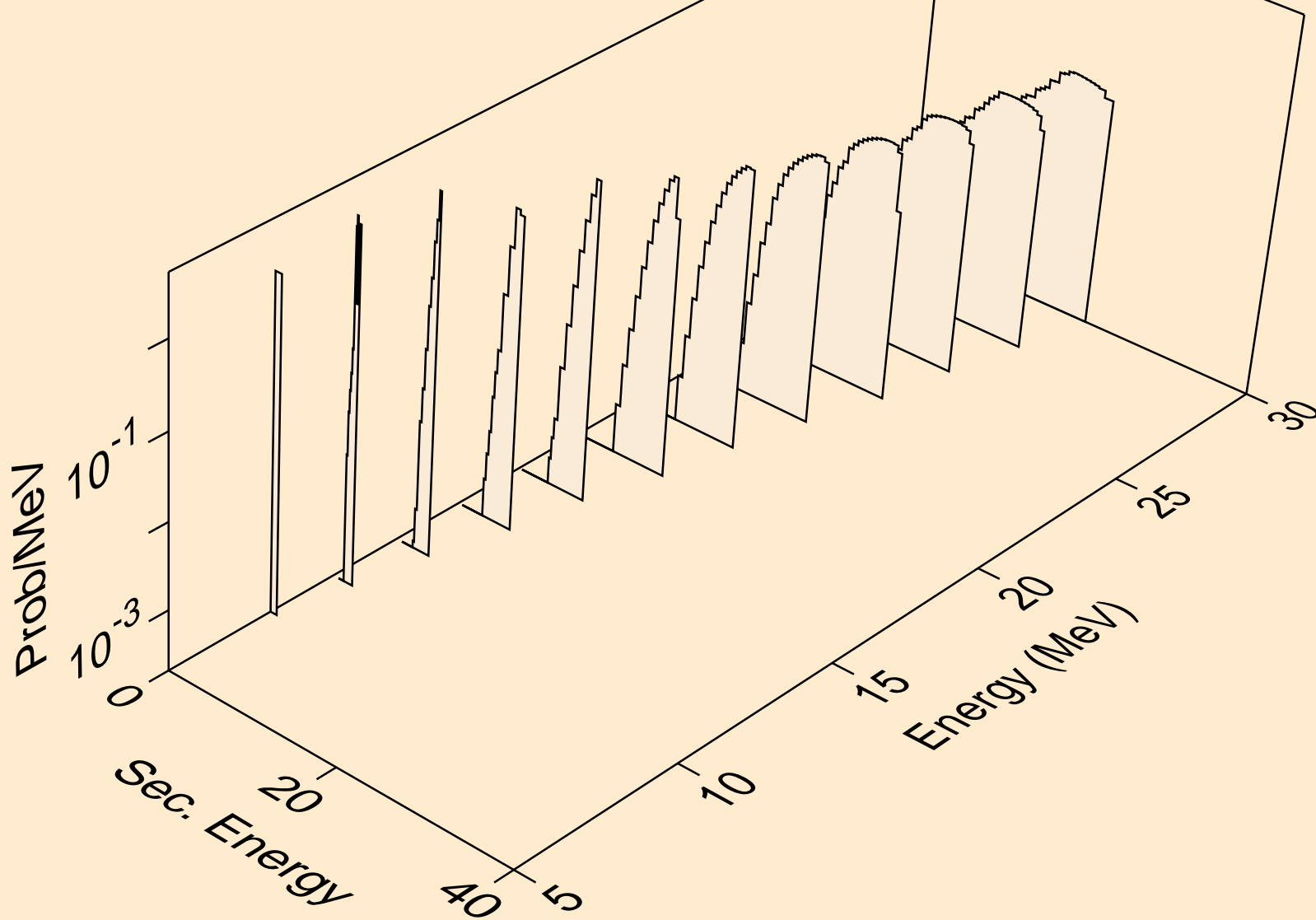
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Particle production cross sections



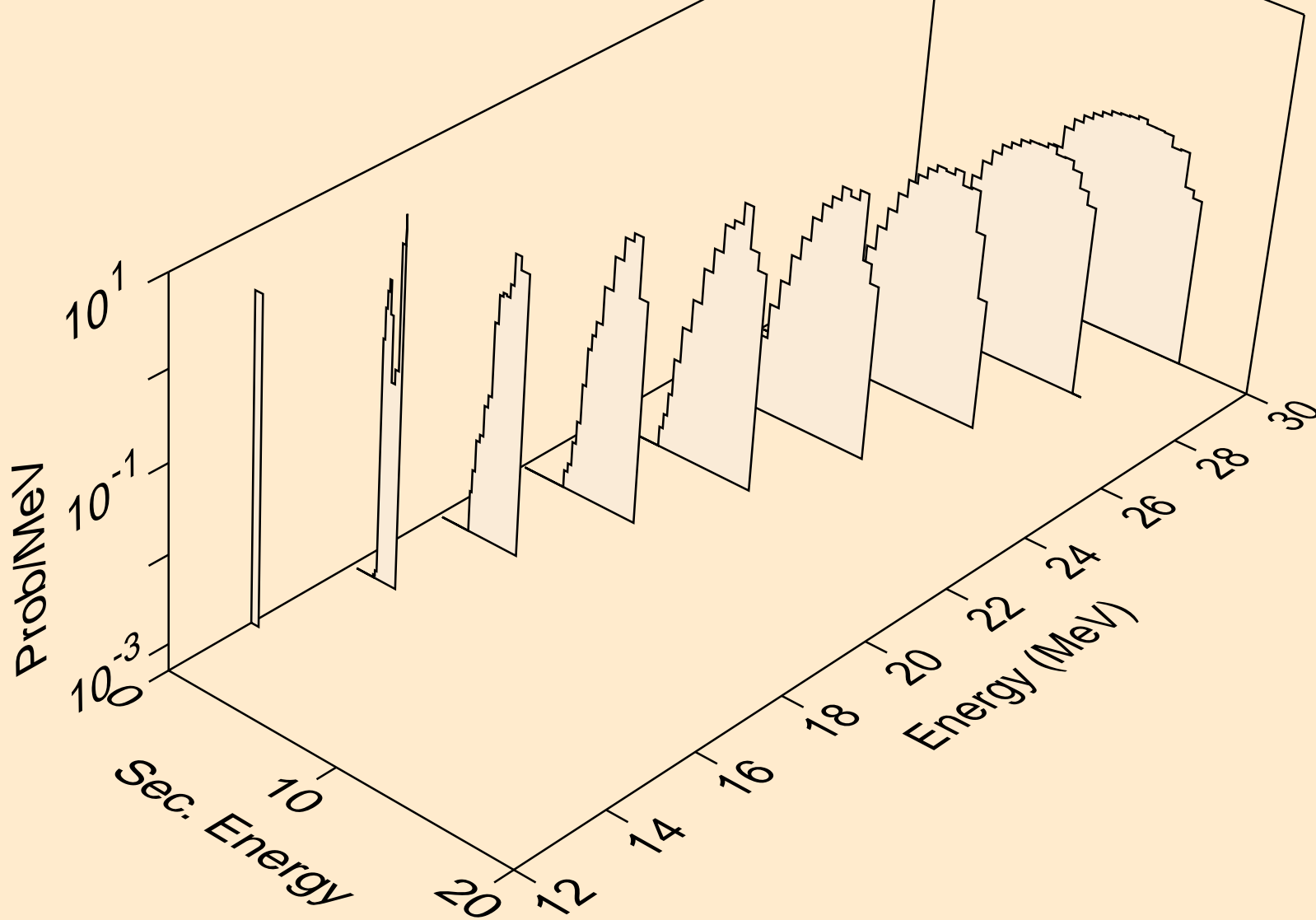
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protons from (n,x)



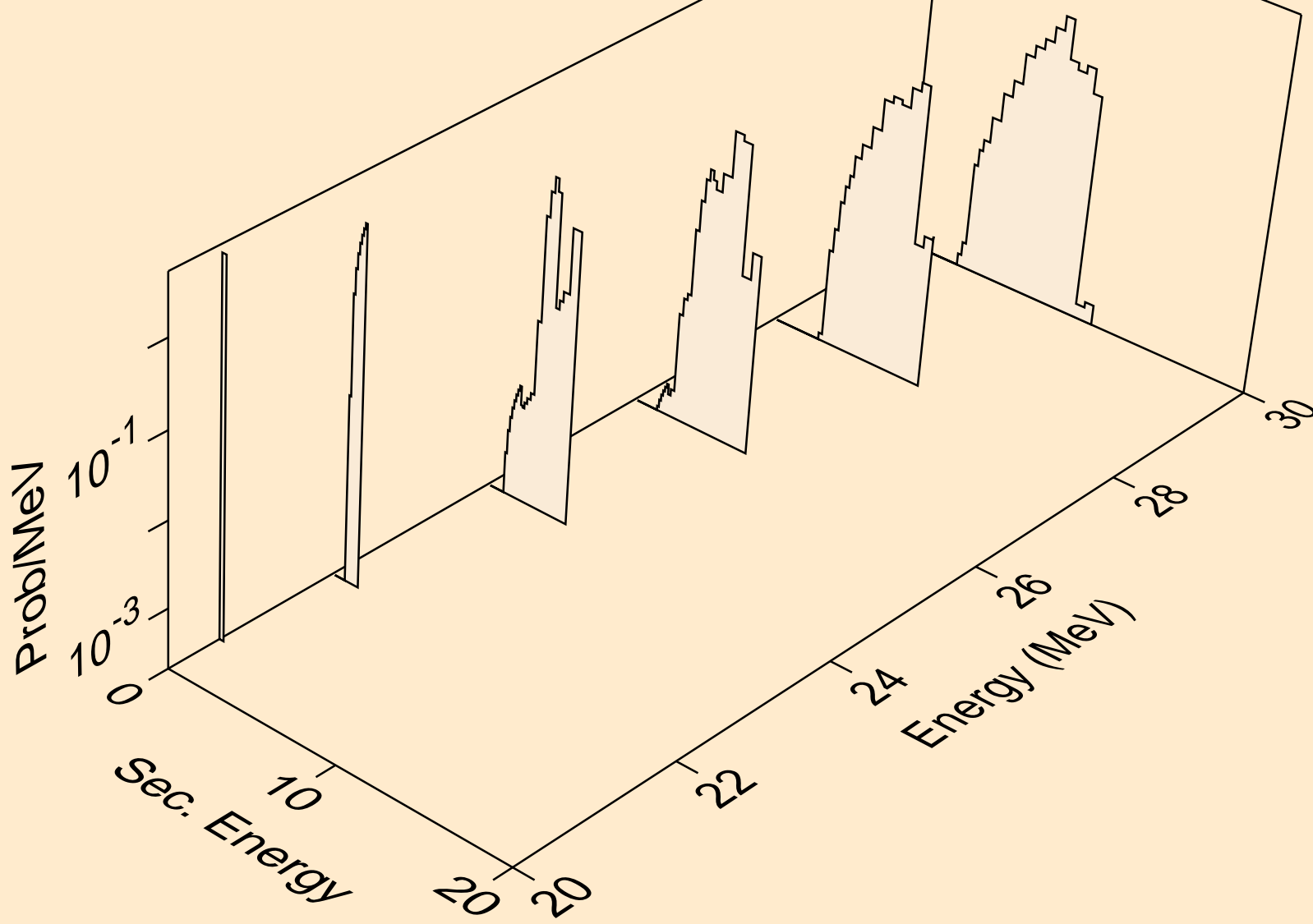
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protons from (n,n\*)p



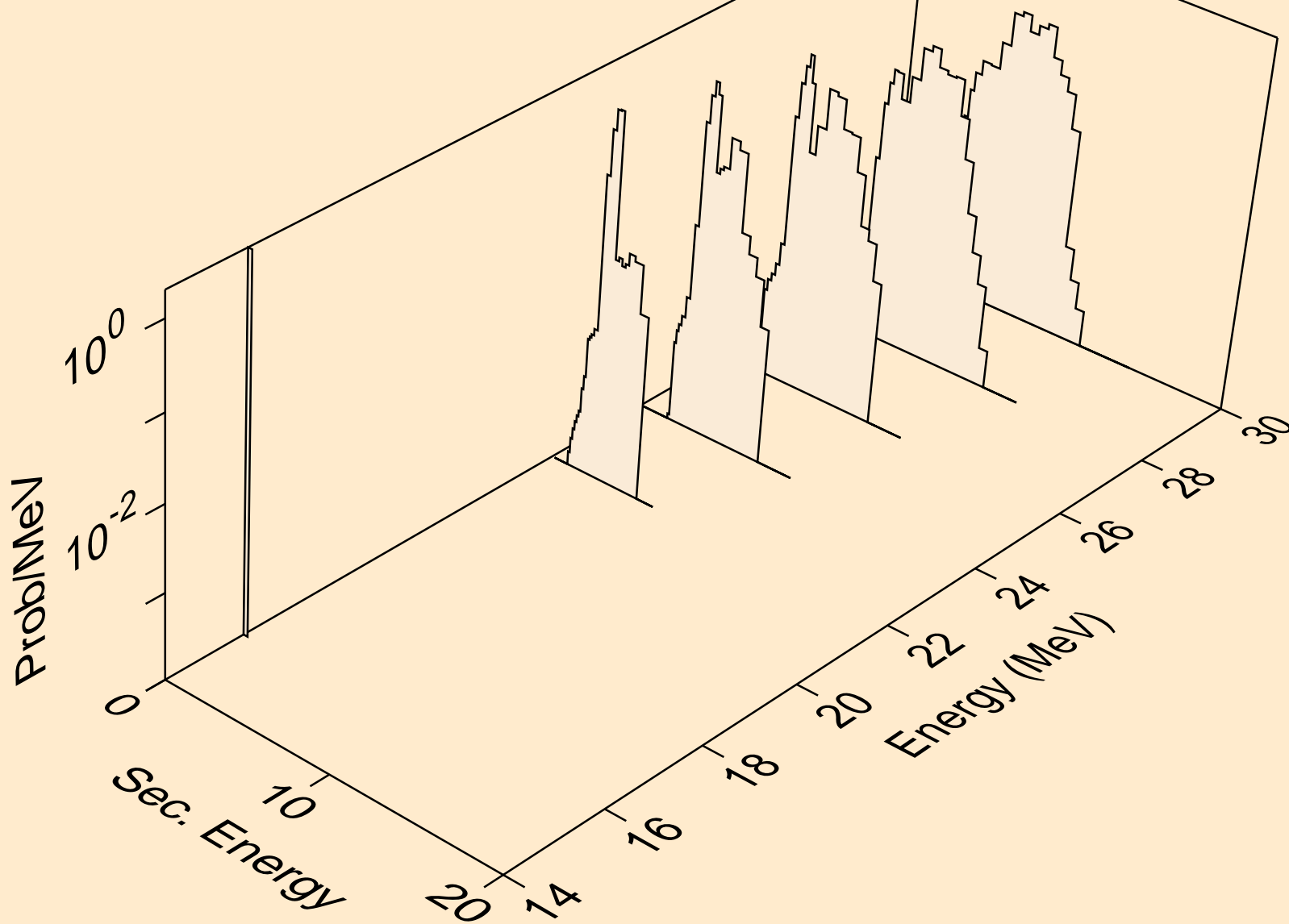
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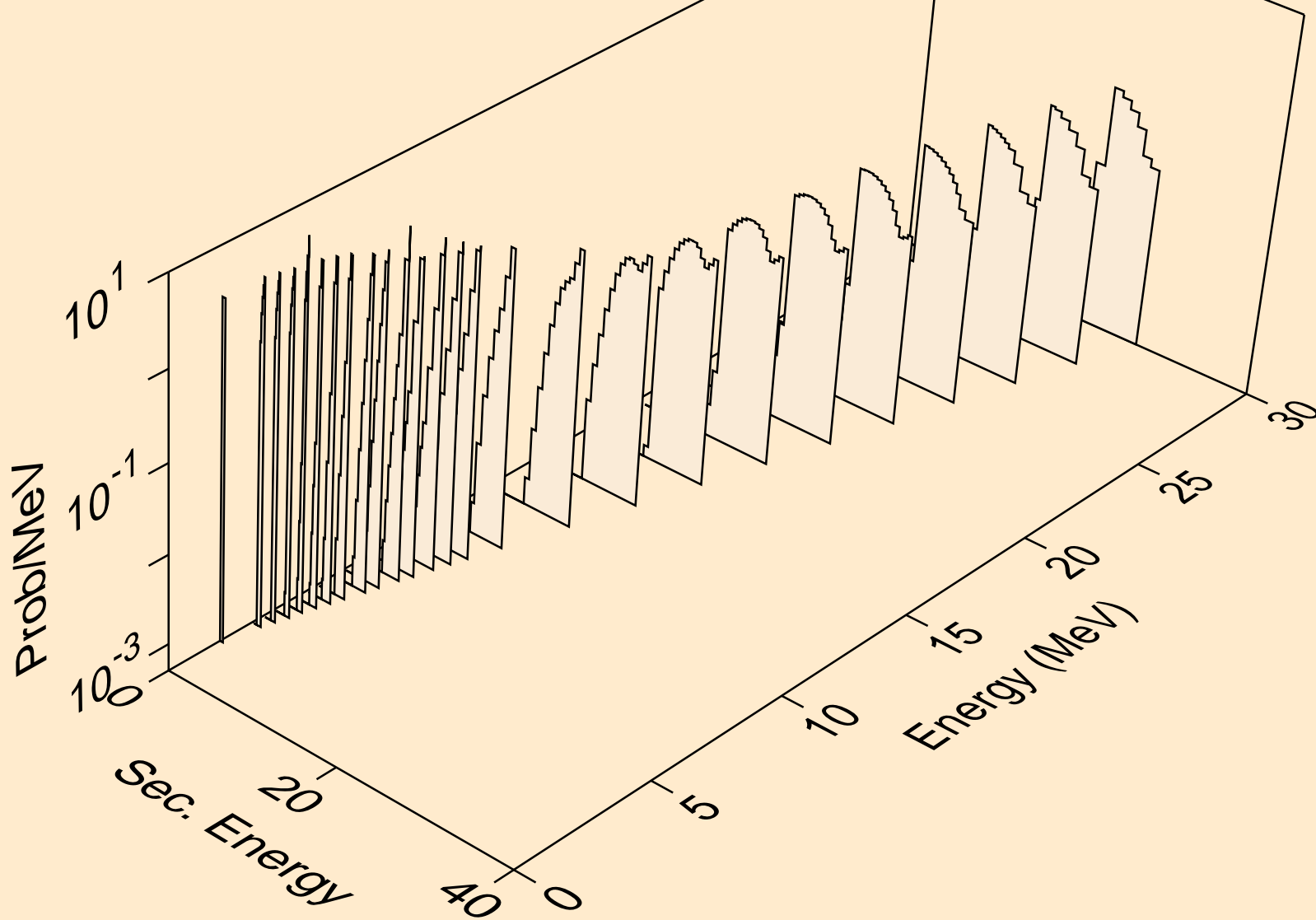
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protons from (n,3np)



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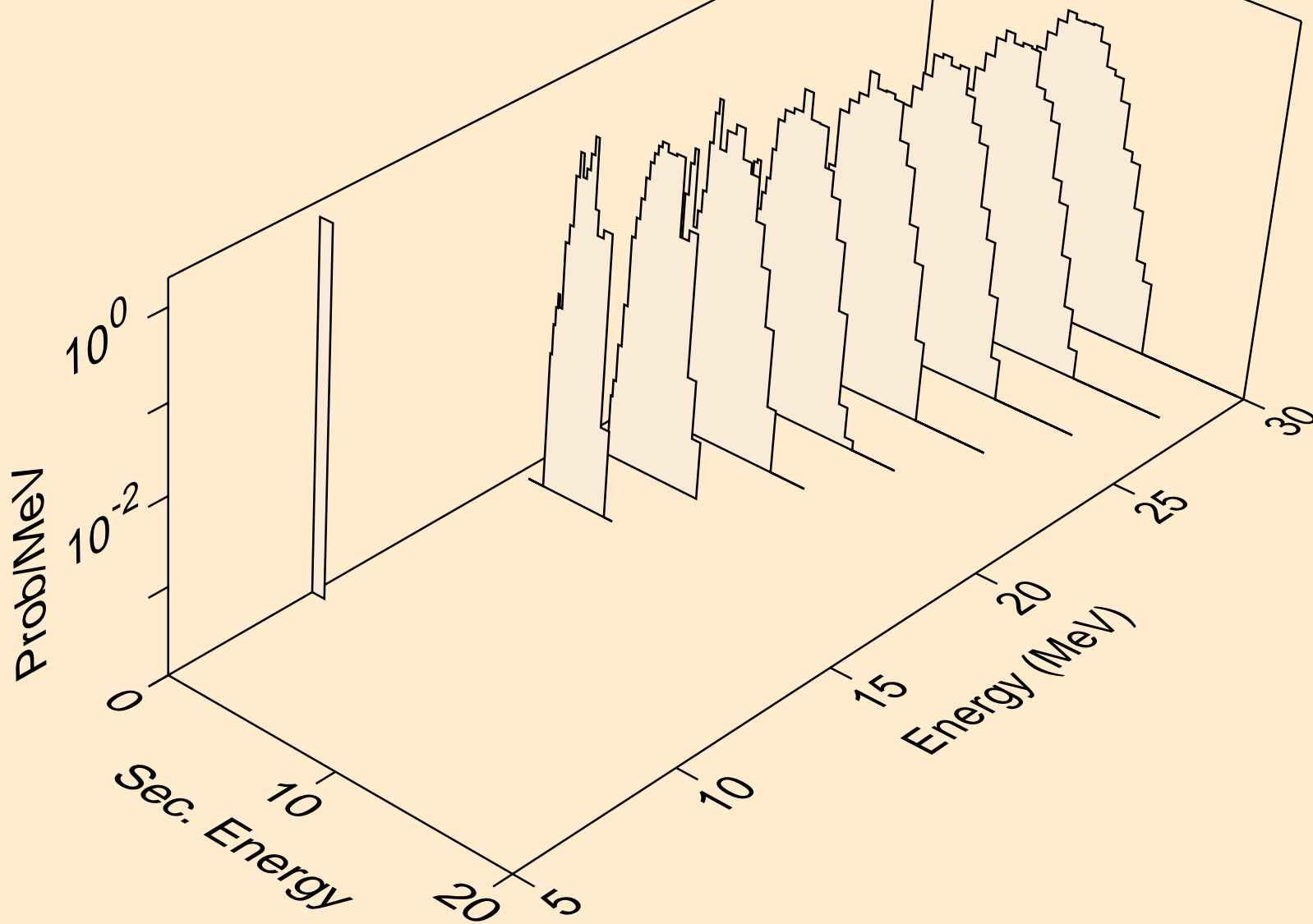


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protons from (n,p)

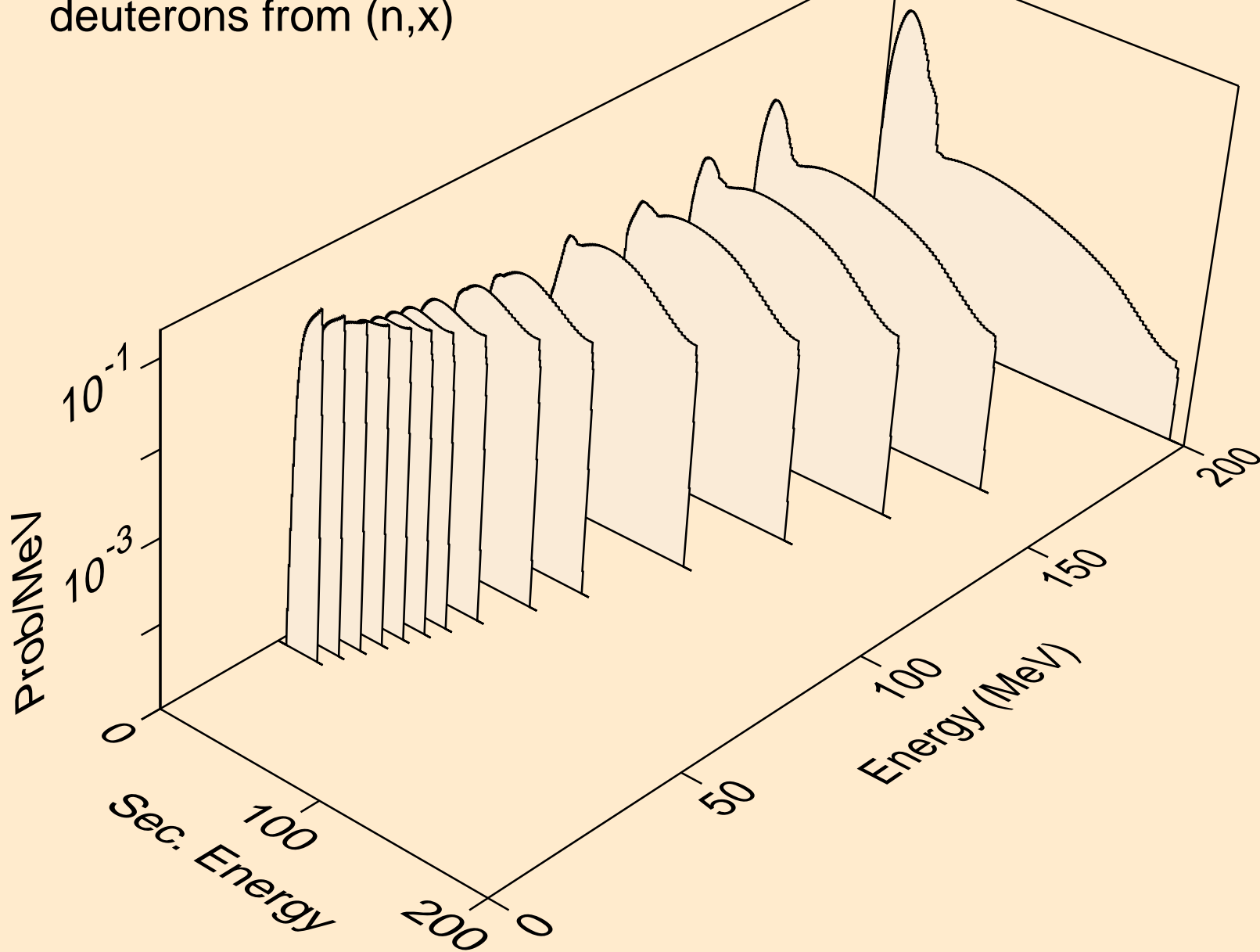




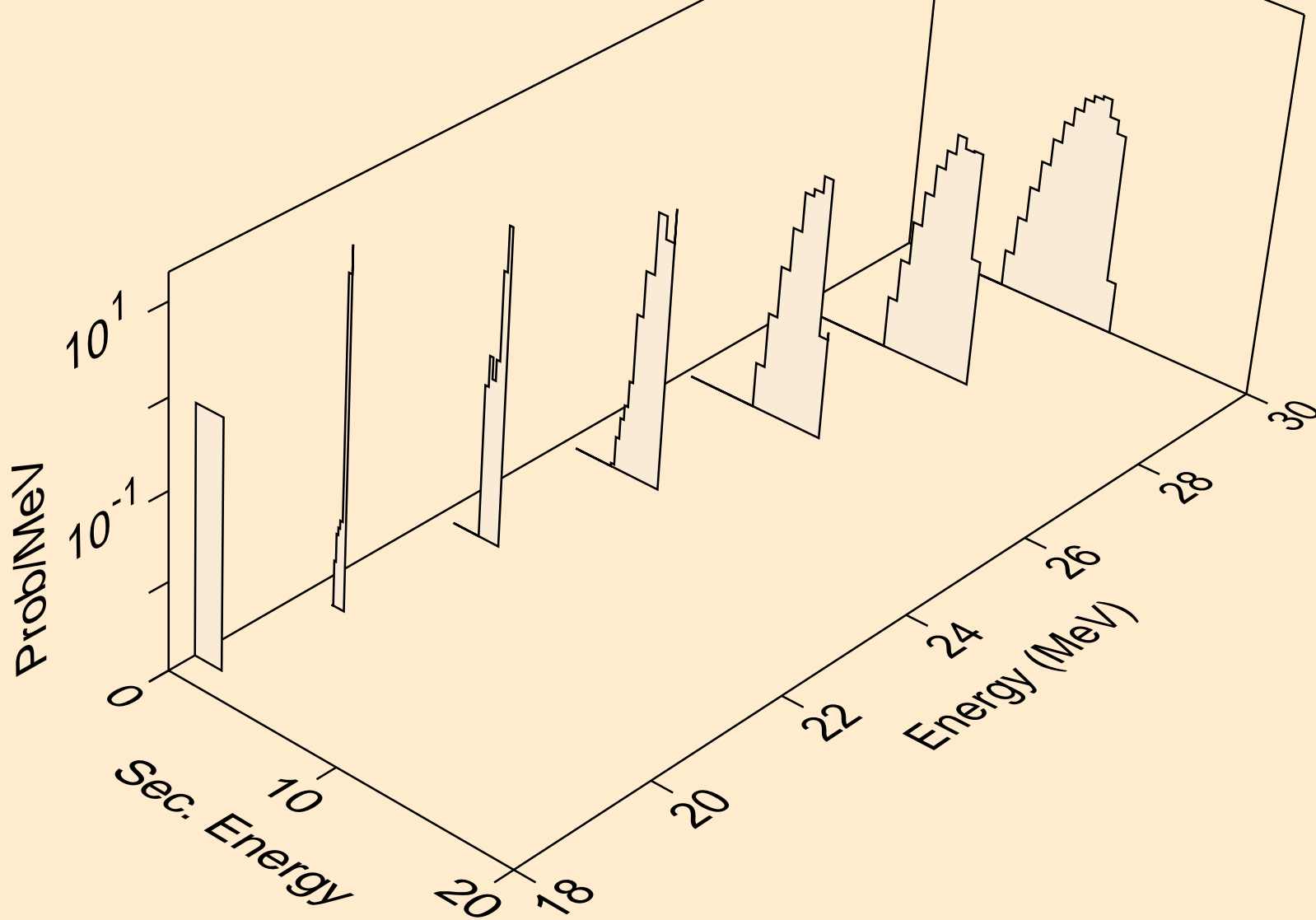
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protons from (n,2p)



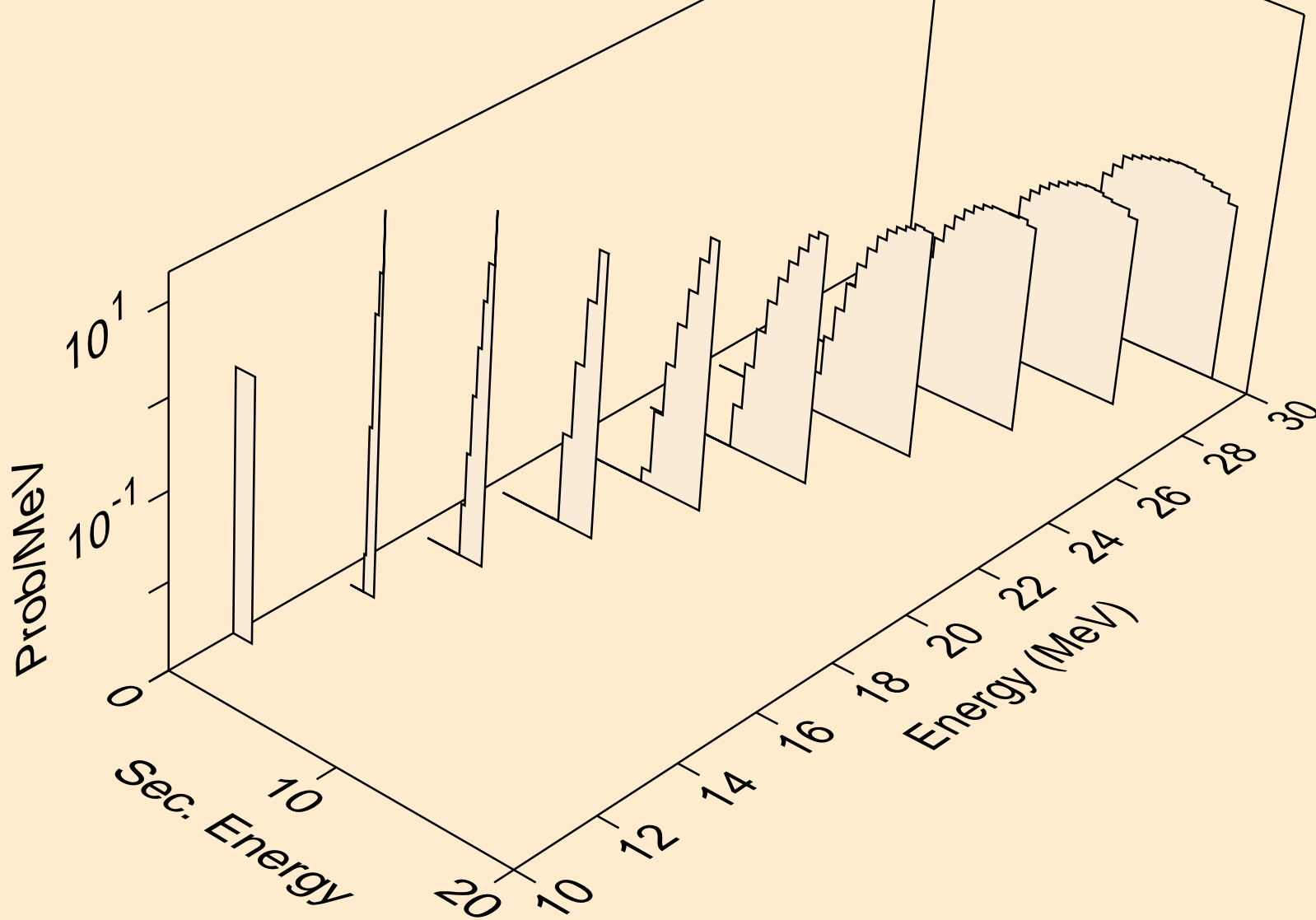
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deuterons from (n,x)



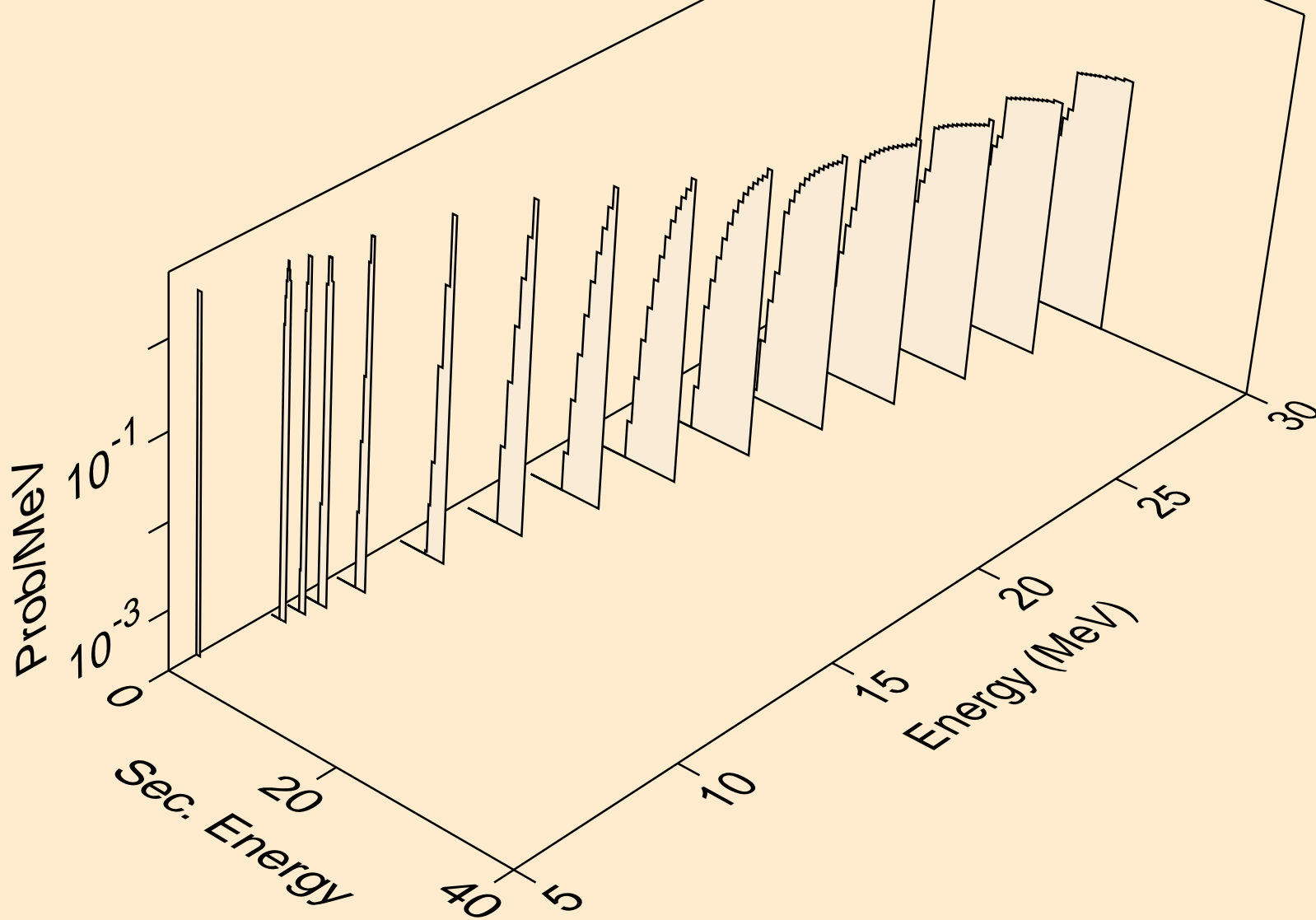
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deuterons from (n,2nd)



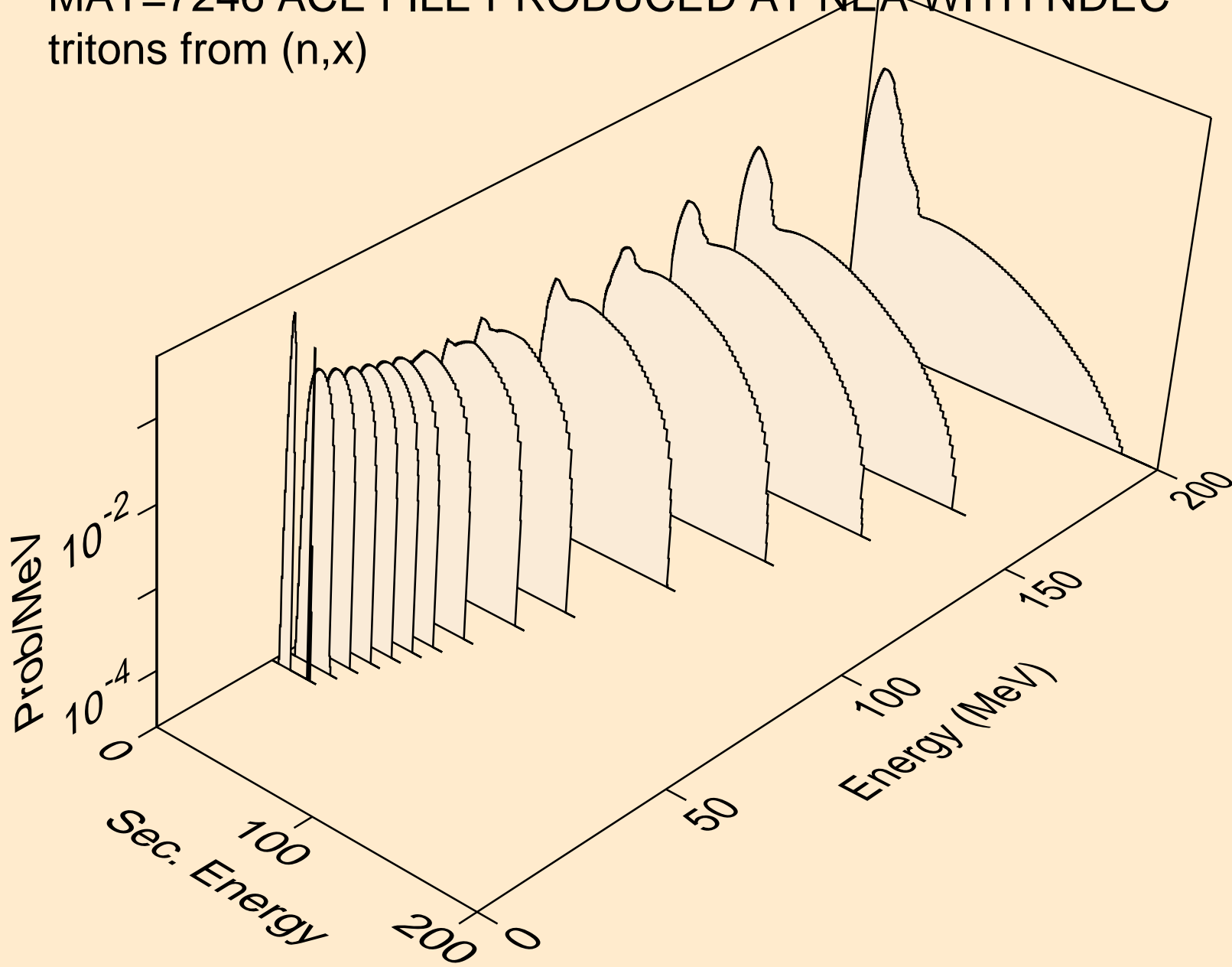
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deuterons from (n,n\*)d



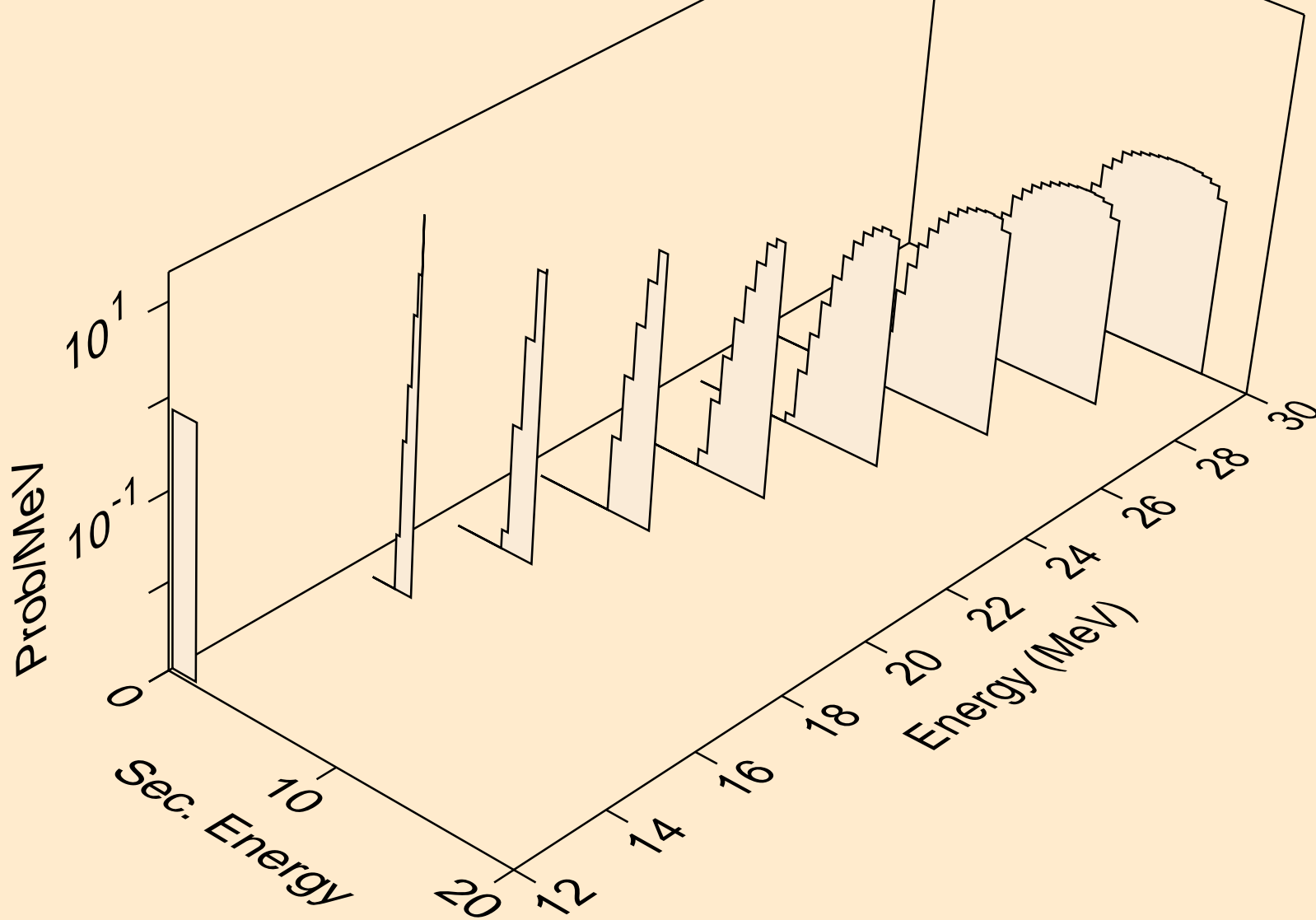
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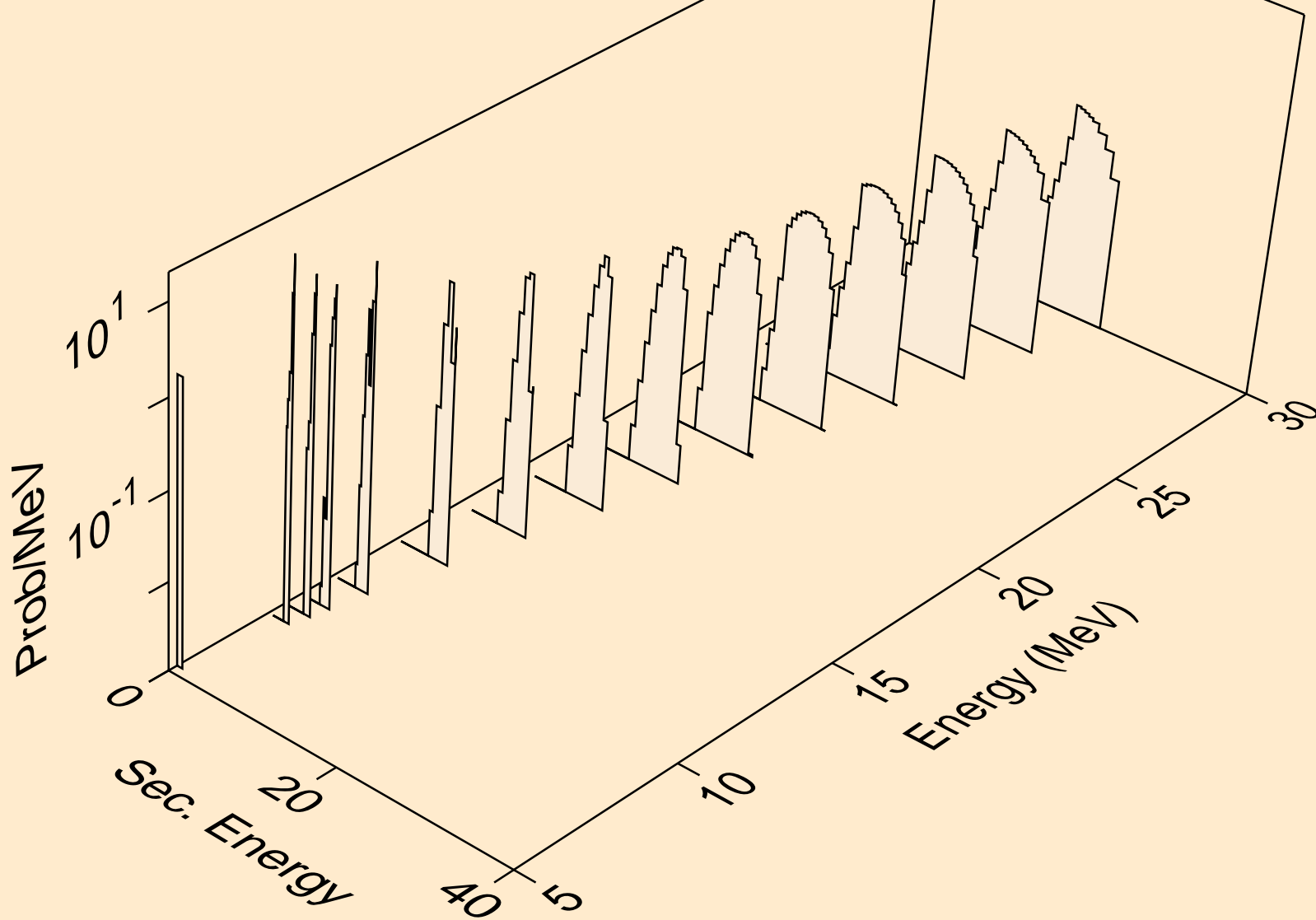
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tritons from (n,x)



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tritons from (n,n\*)t

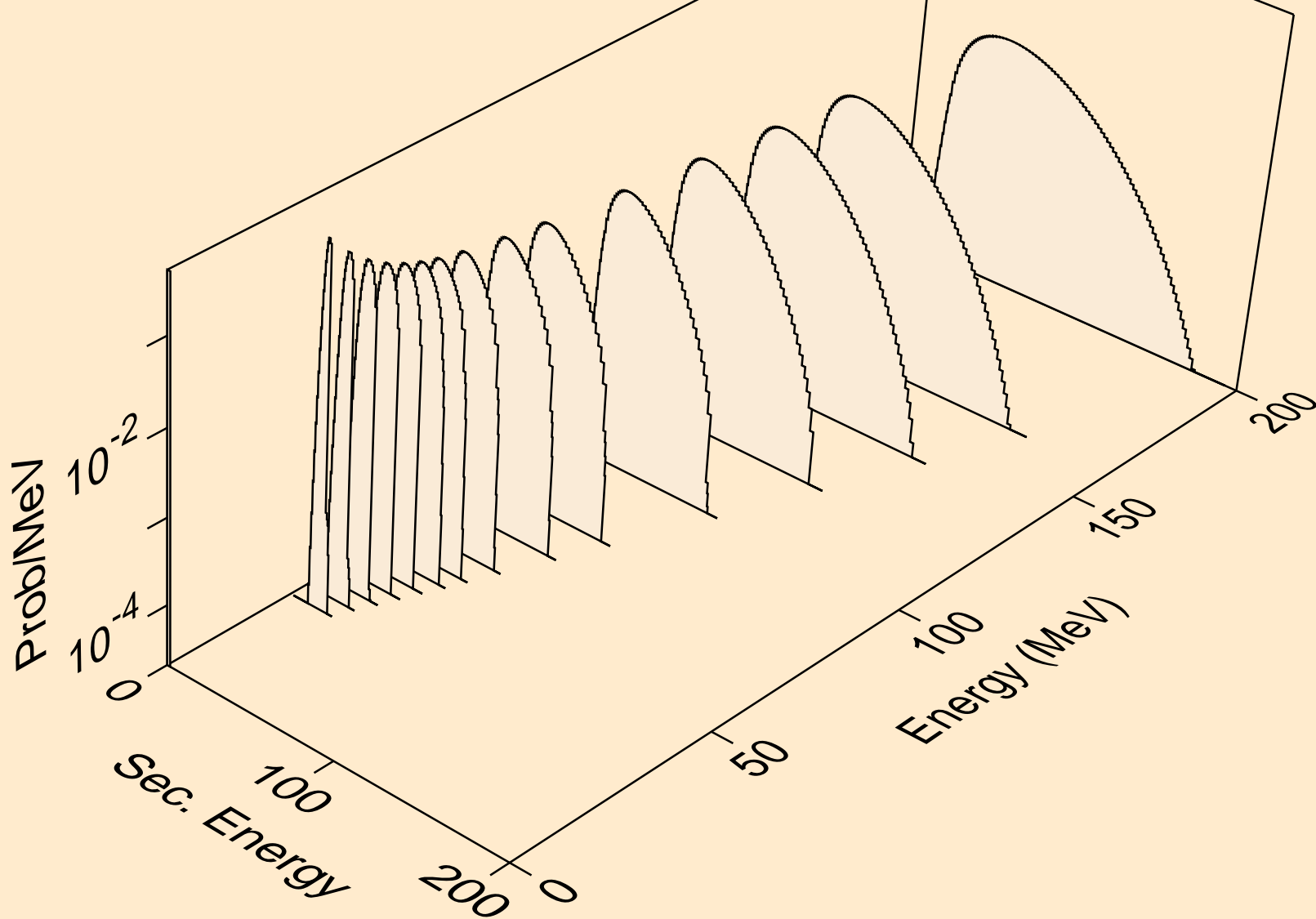


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tritons from (n,t)

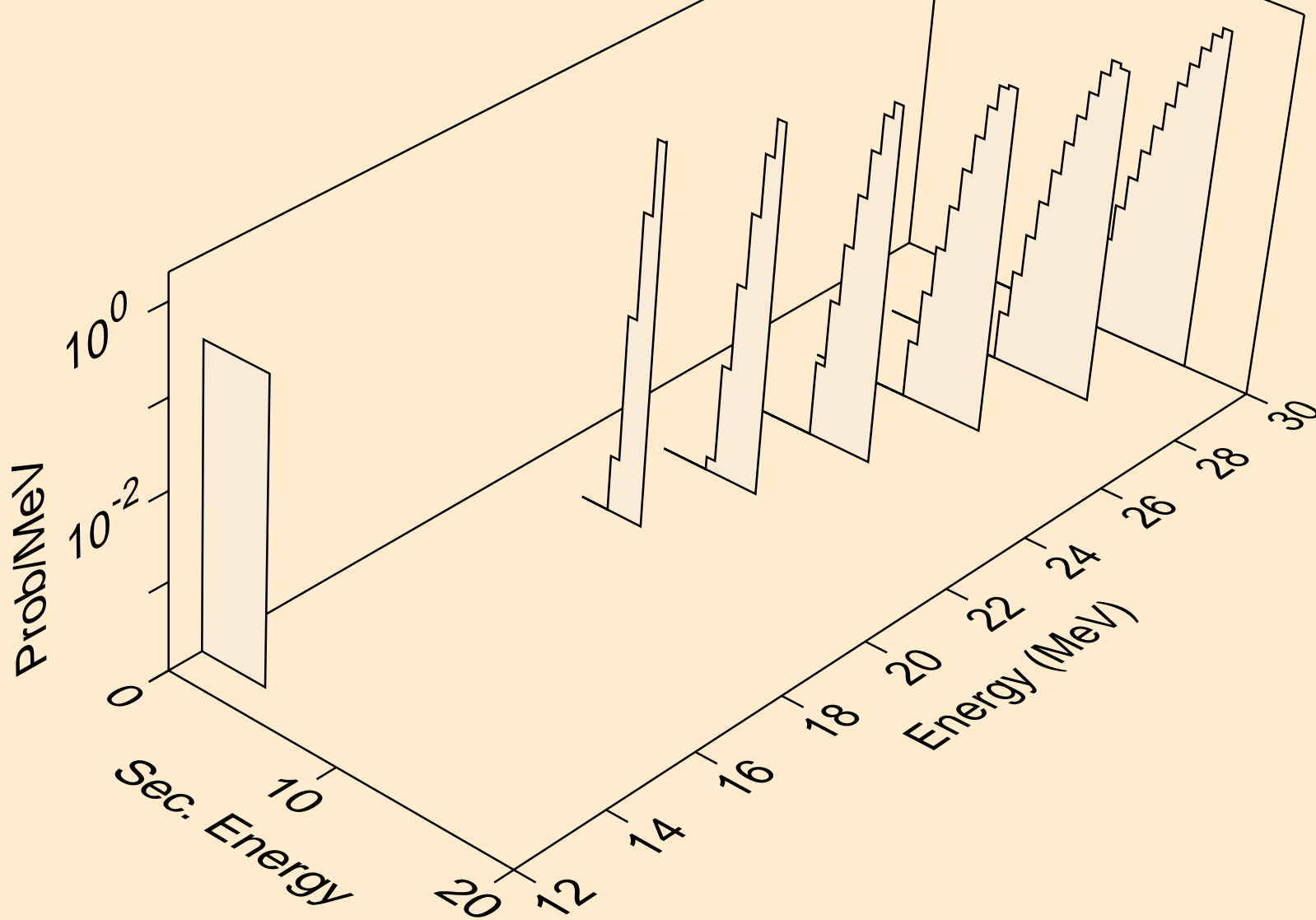




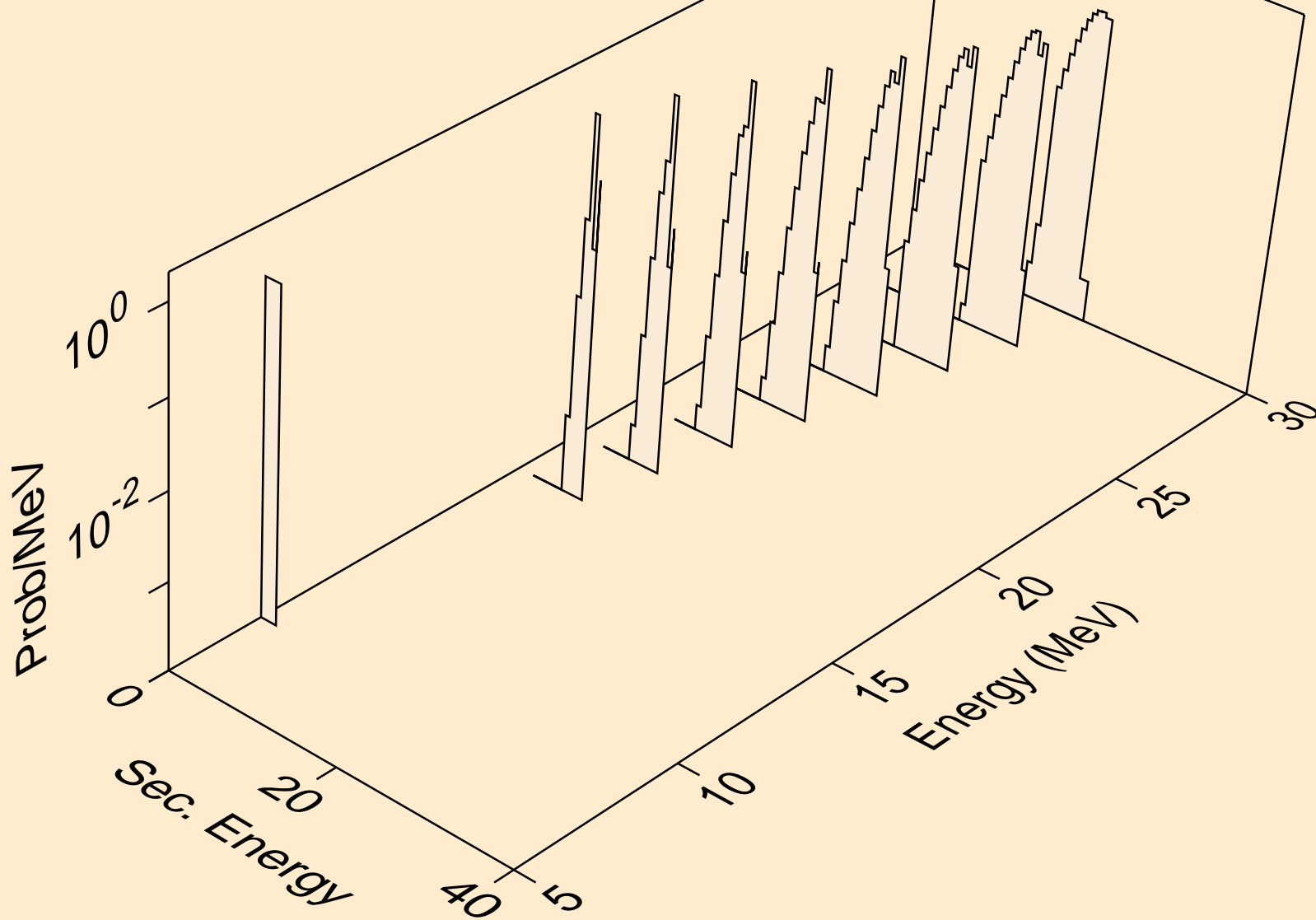
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he3s from (n,x)



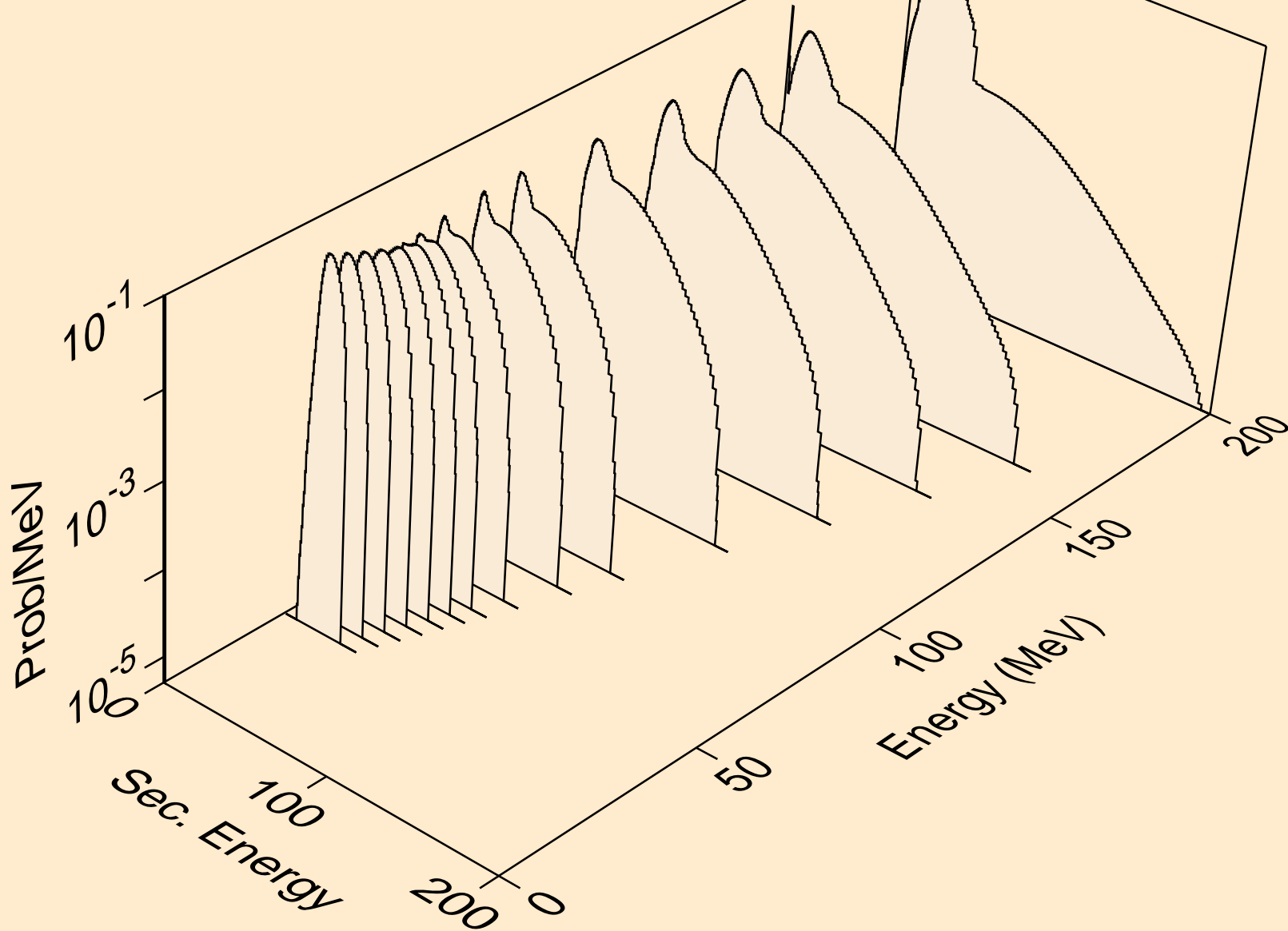
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he3s from (n,n\*)he3



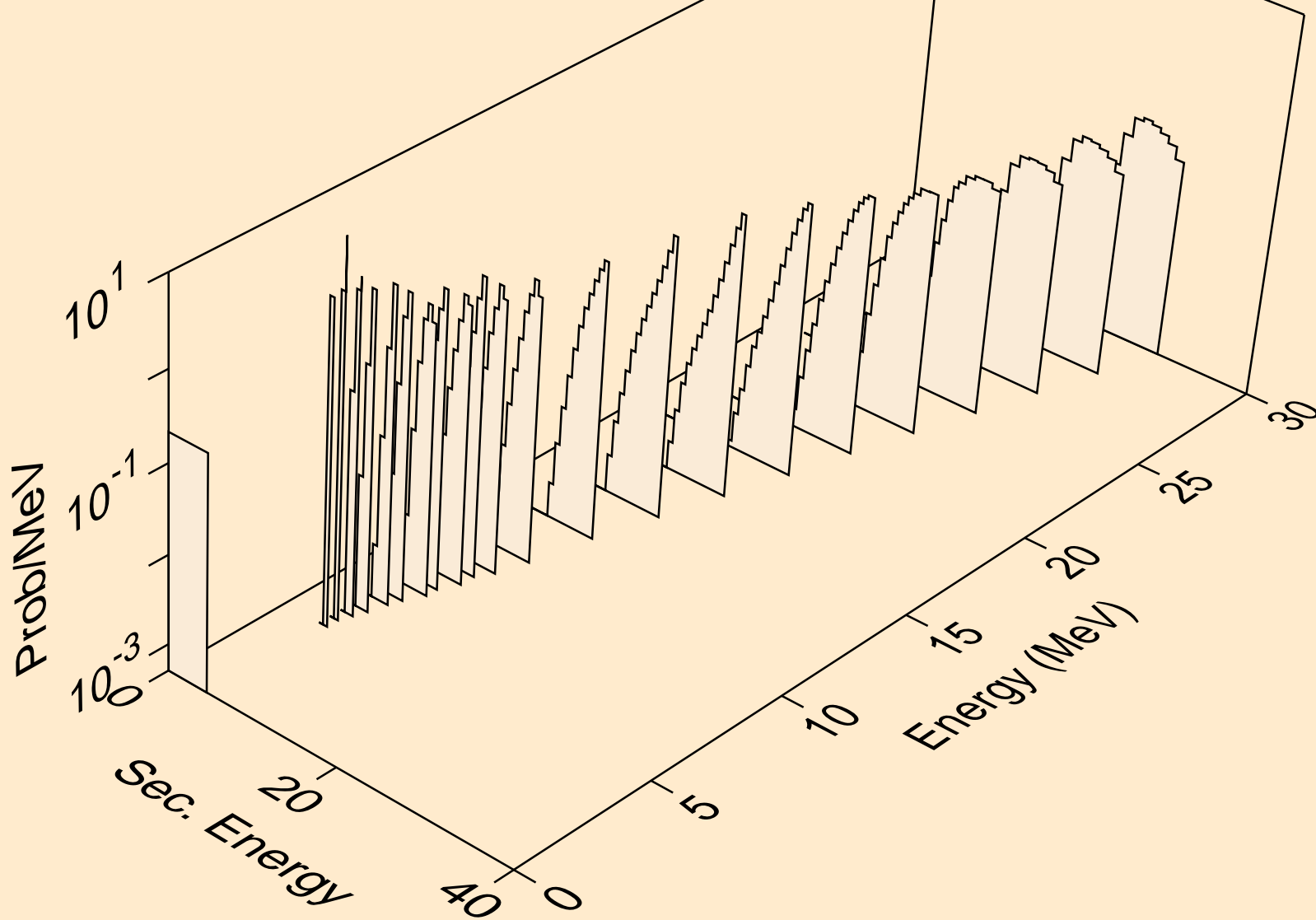
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he3s from (n,he3)



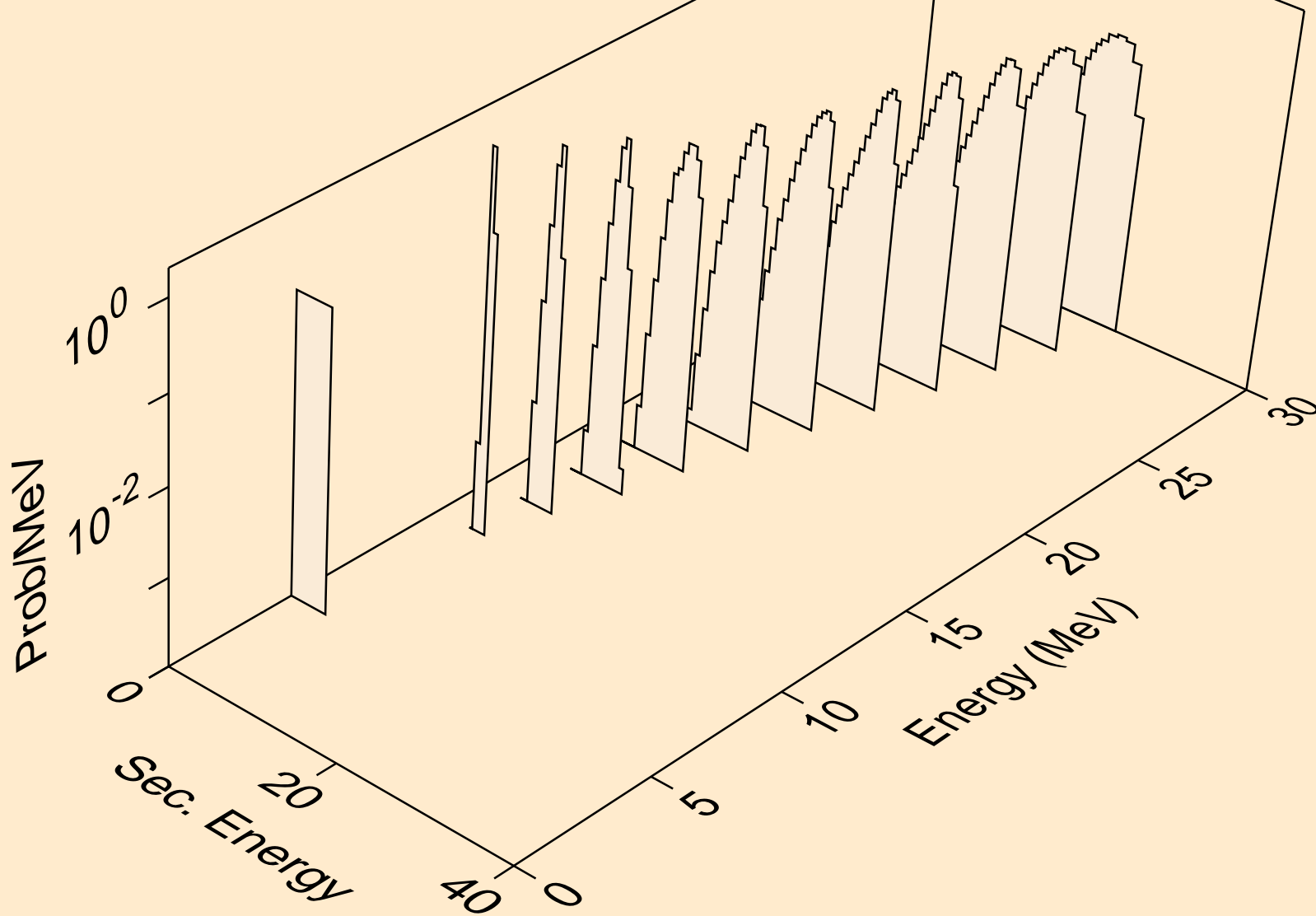
MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
alphas from (n,x)



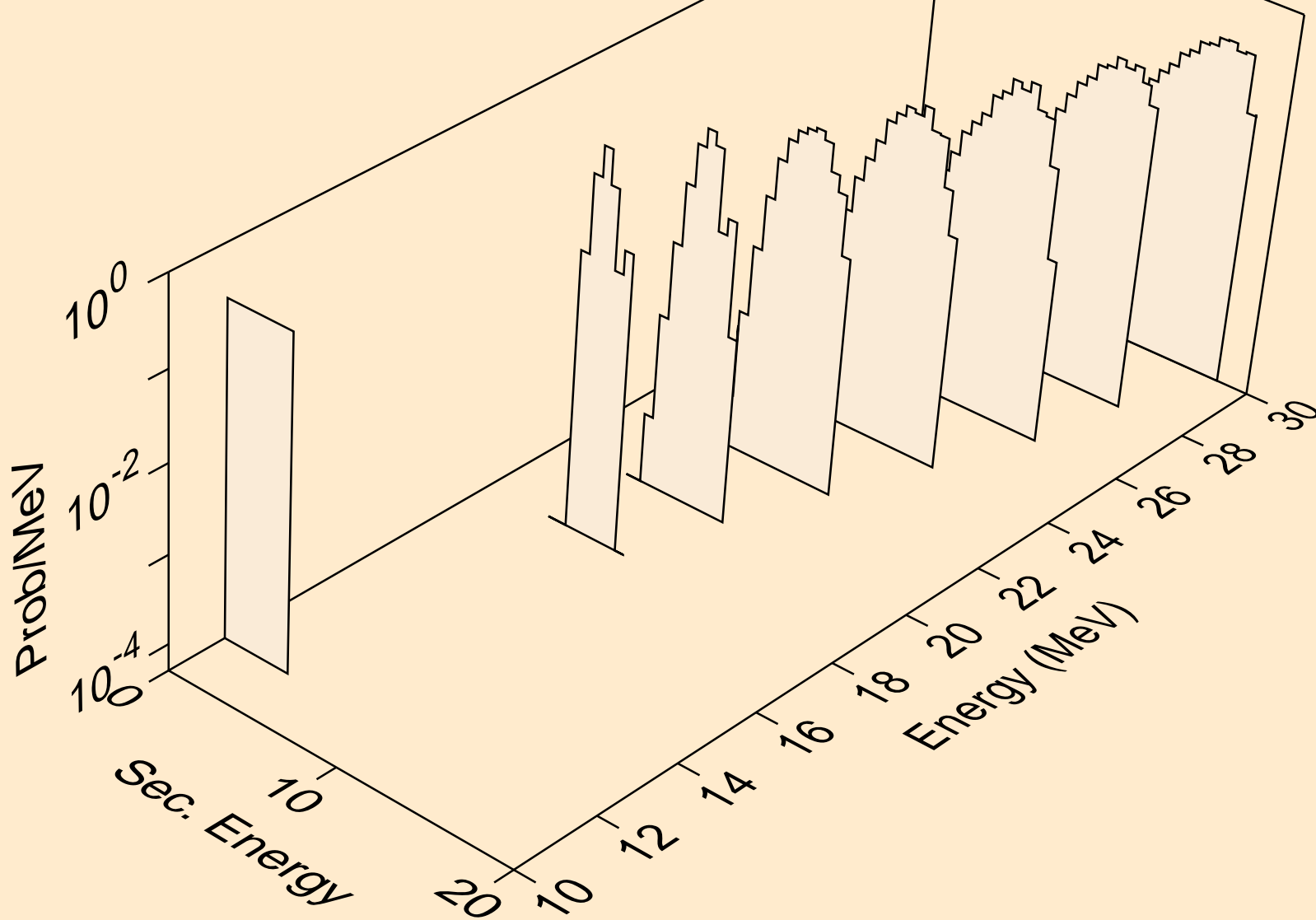
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alphas from (n,n\*)a



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
alphas from (n,2n)a



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
alphas from (n,3n)a



MAT=7246 ACE FILE PRODUCED AT NEA WITH NDEC  
alphas from (n,a)

