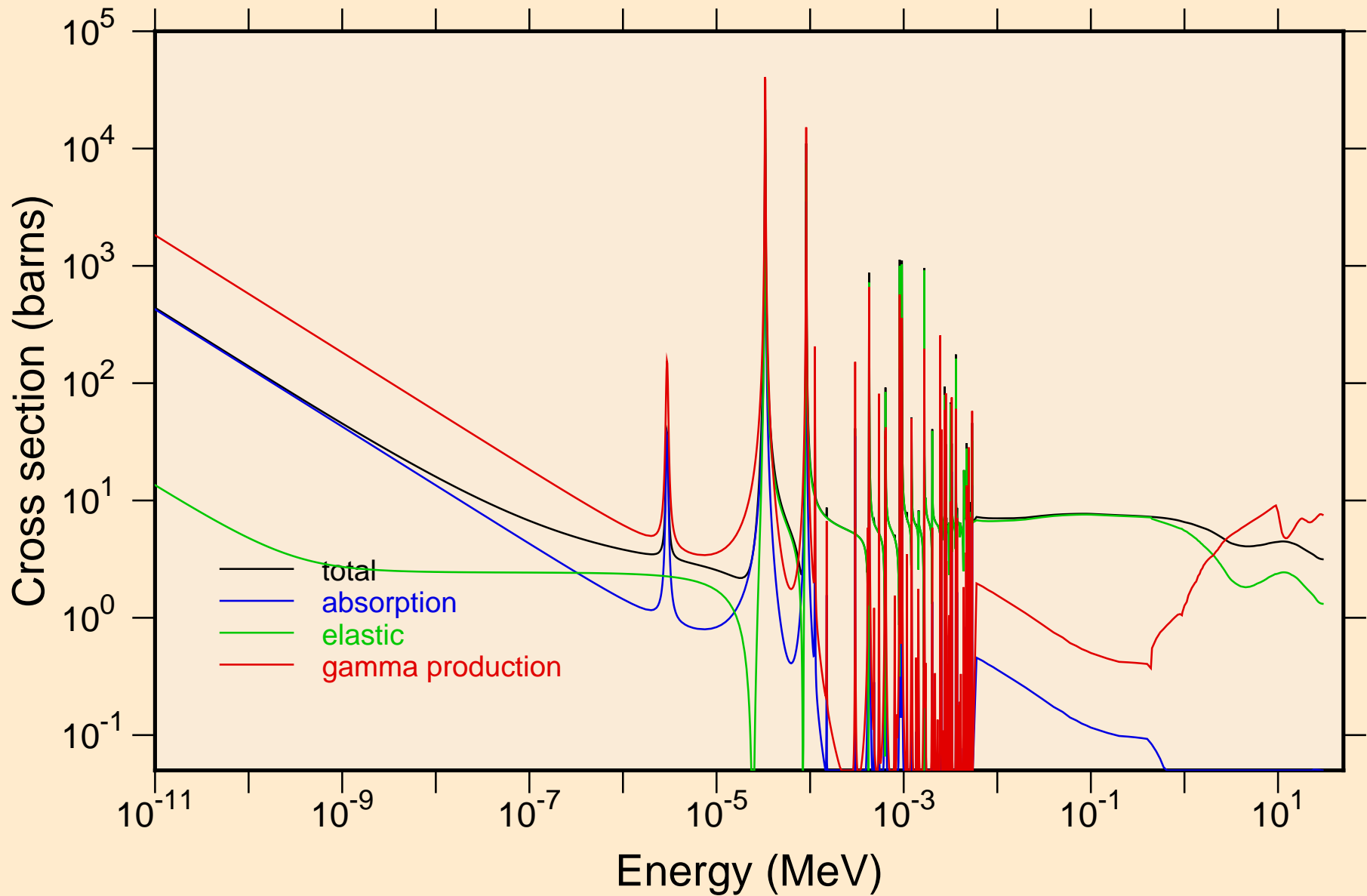
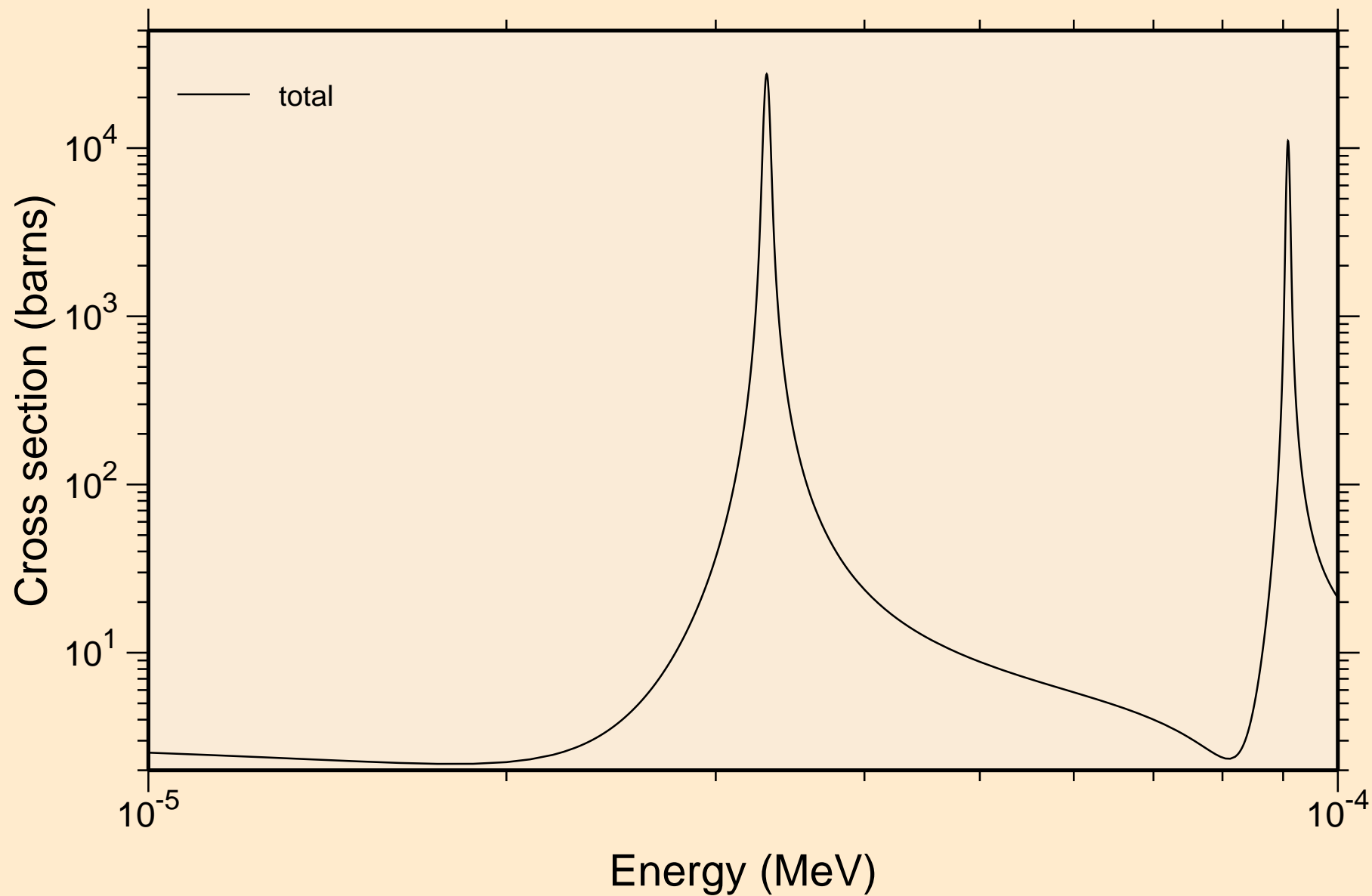


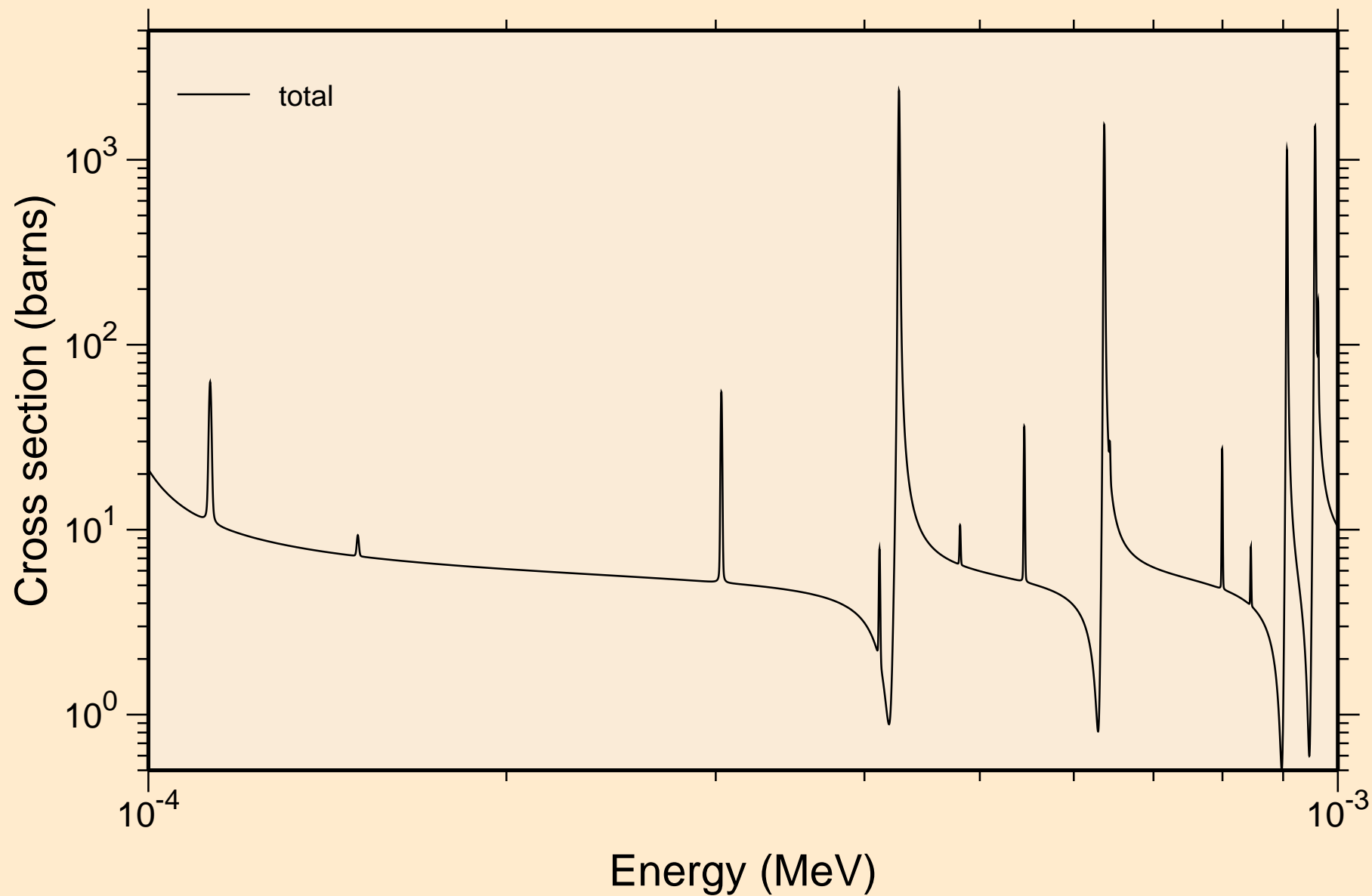
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Principal cross sections



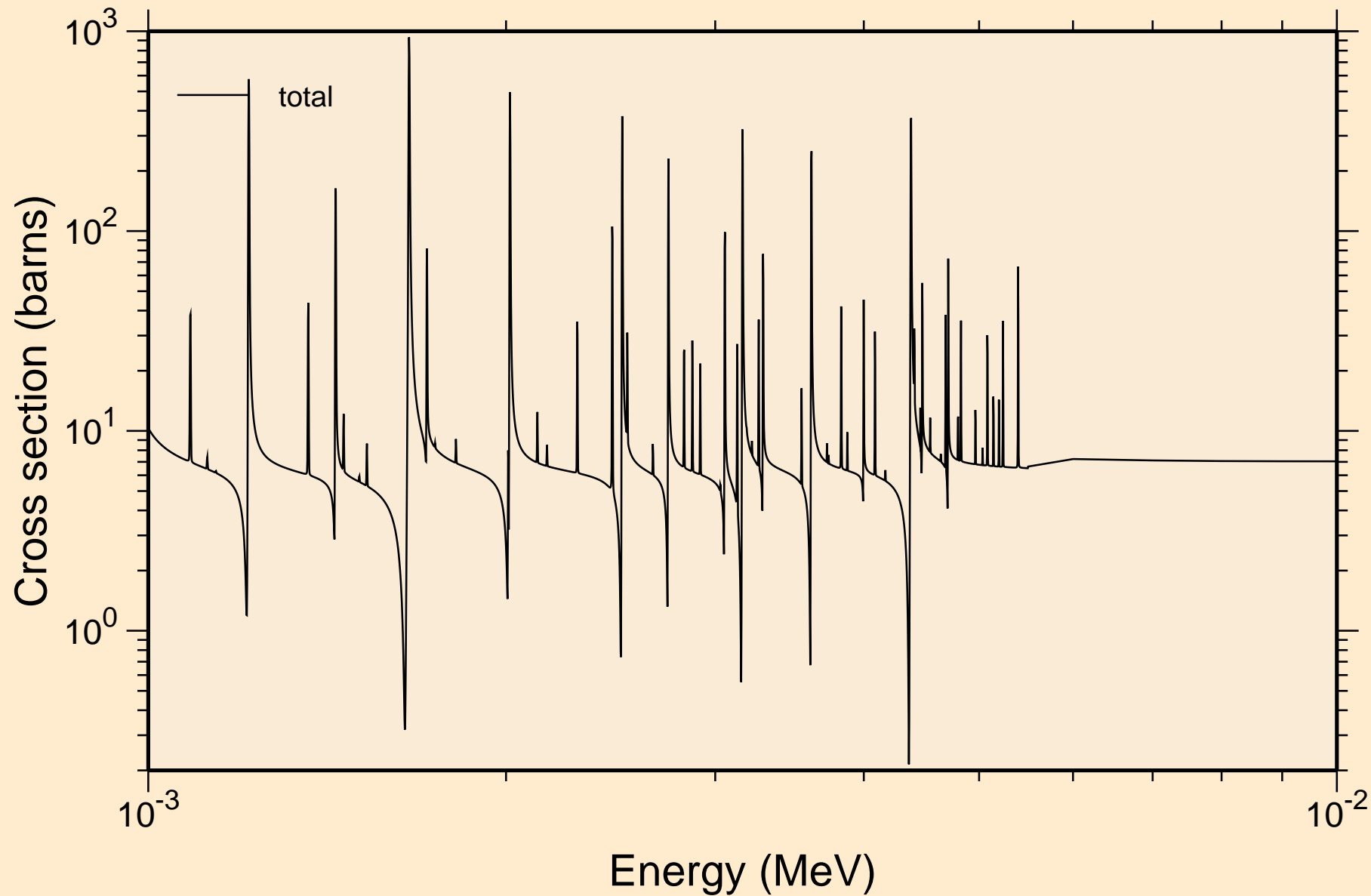
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resonance total cross section



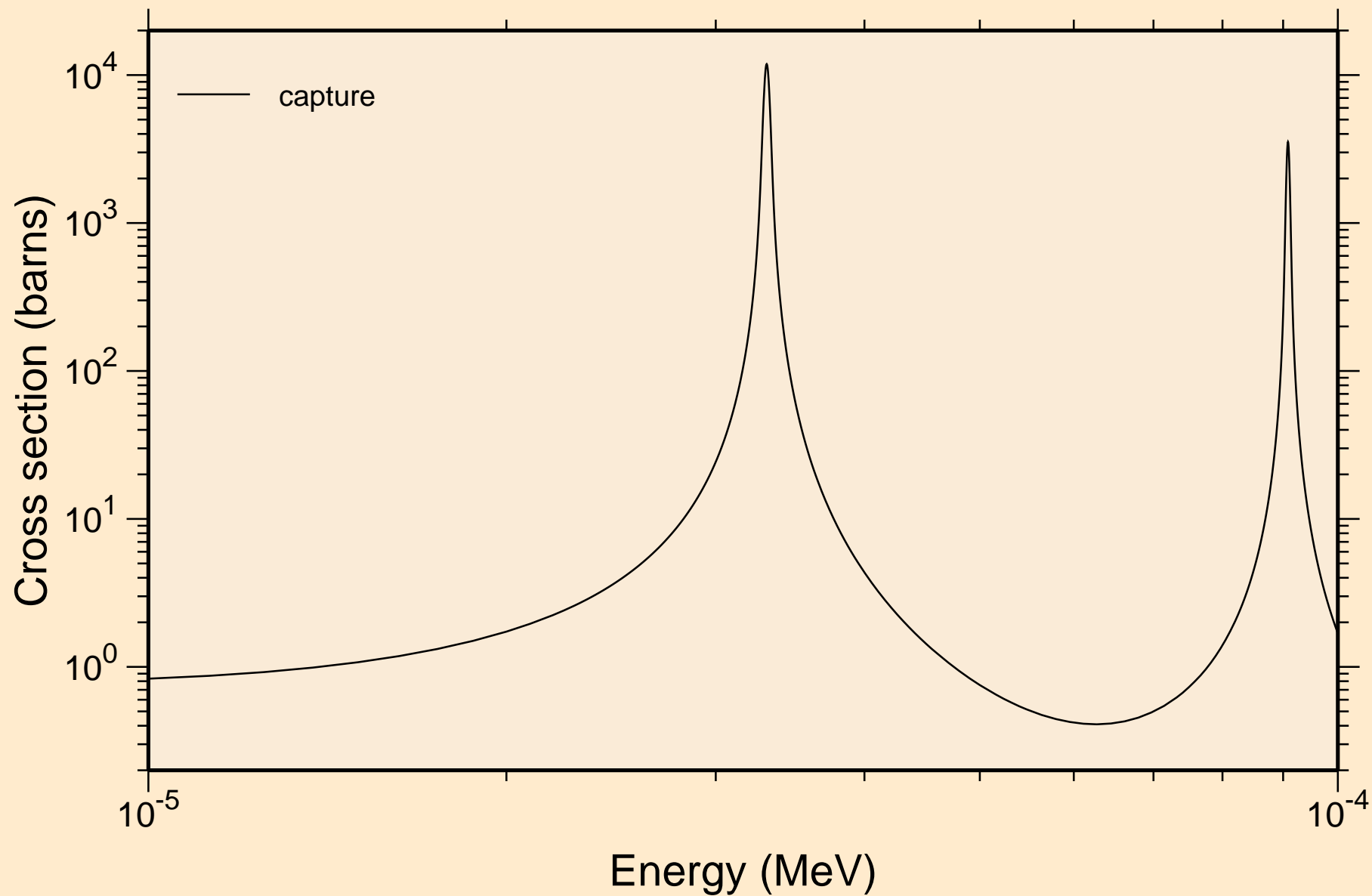
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resonance total cross section



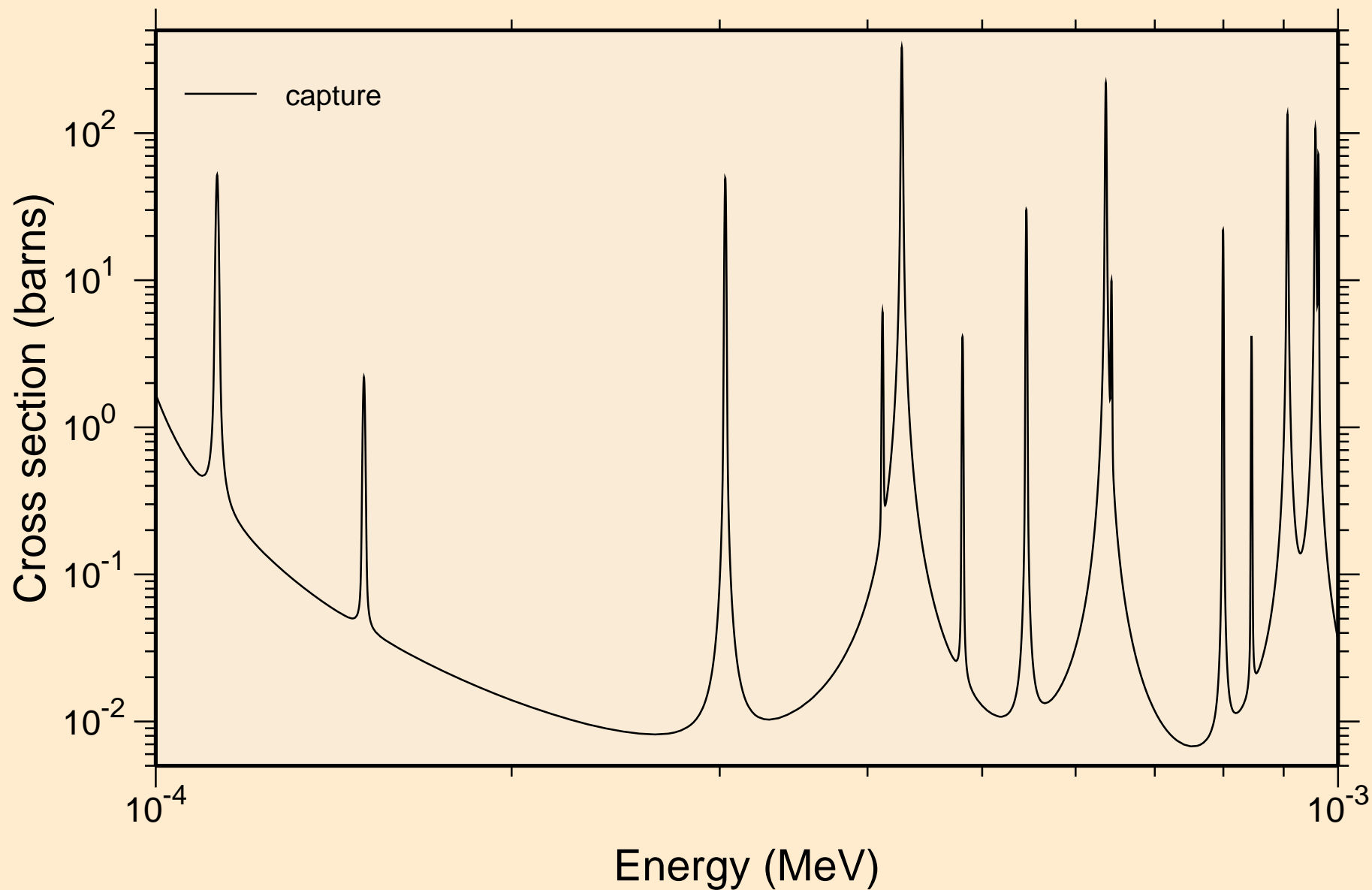
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resonance total cross section



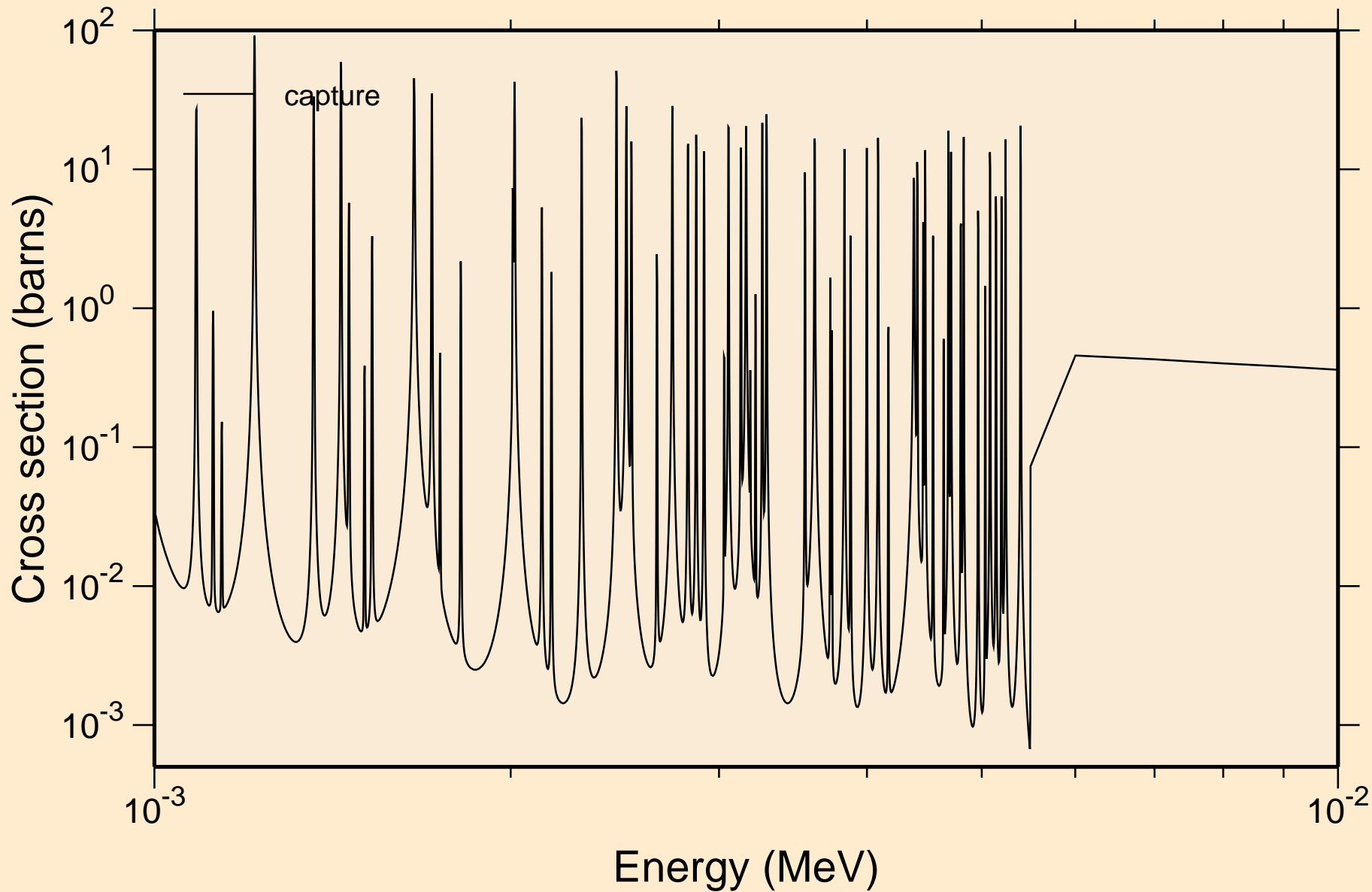
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resonance absorption cross sections



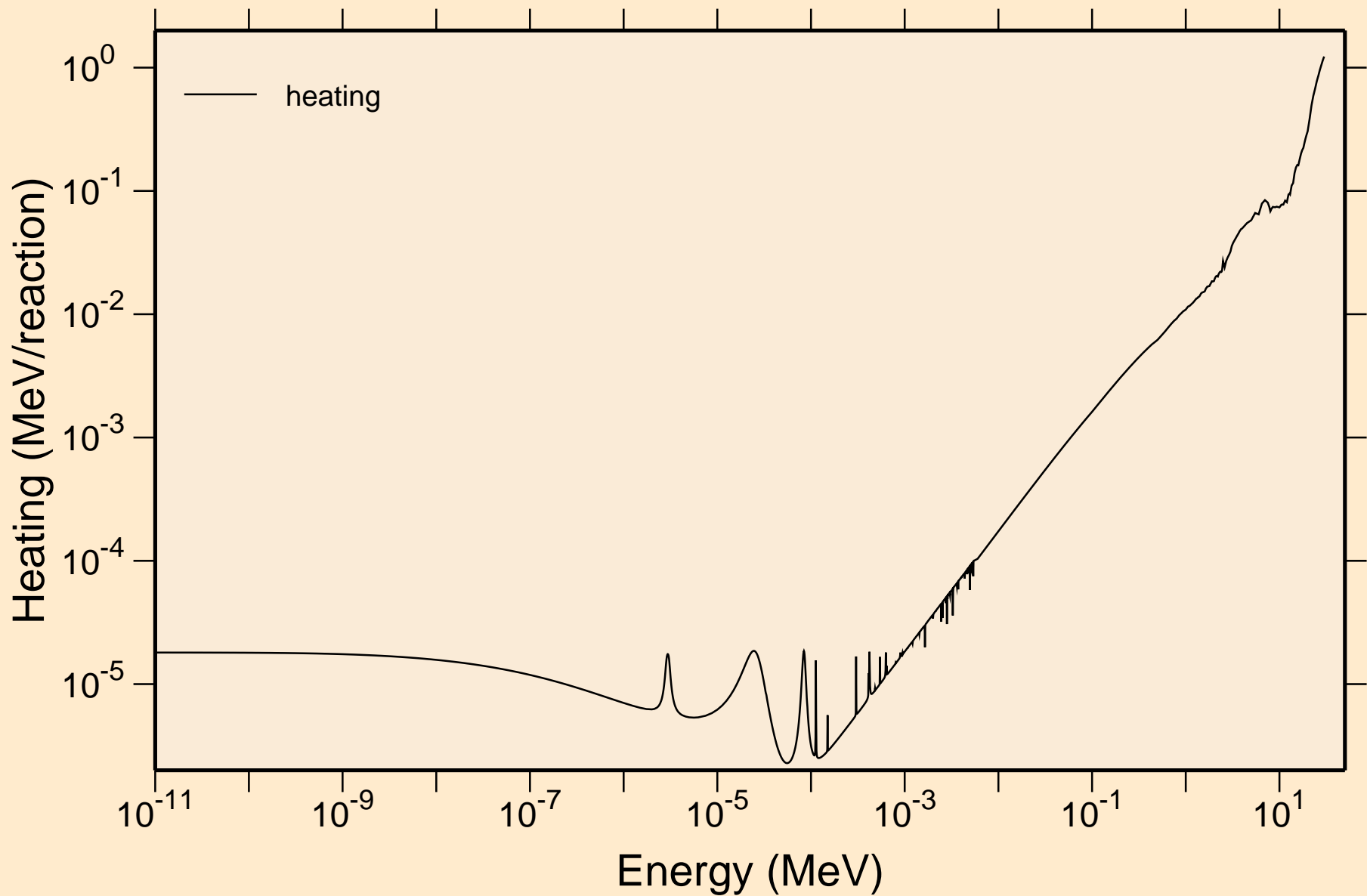
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resonance absorption cross sections



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance absorption cross sections

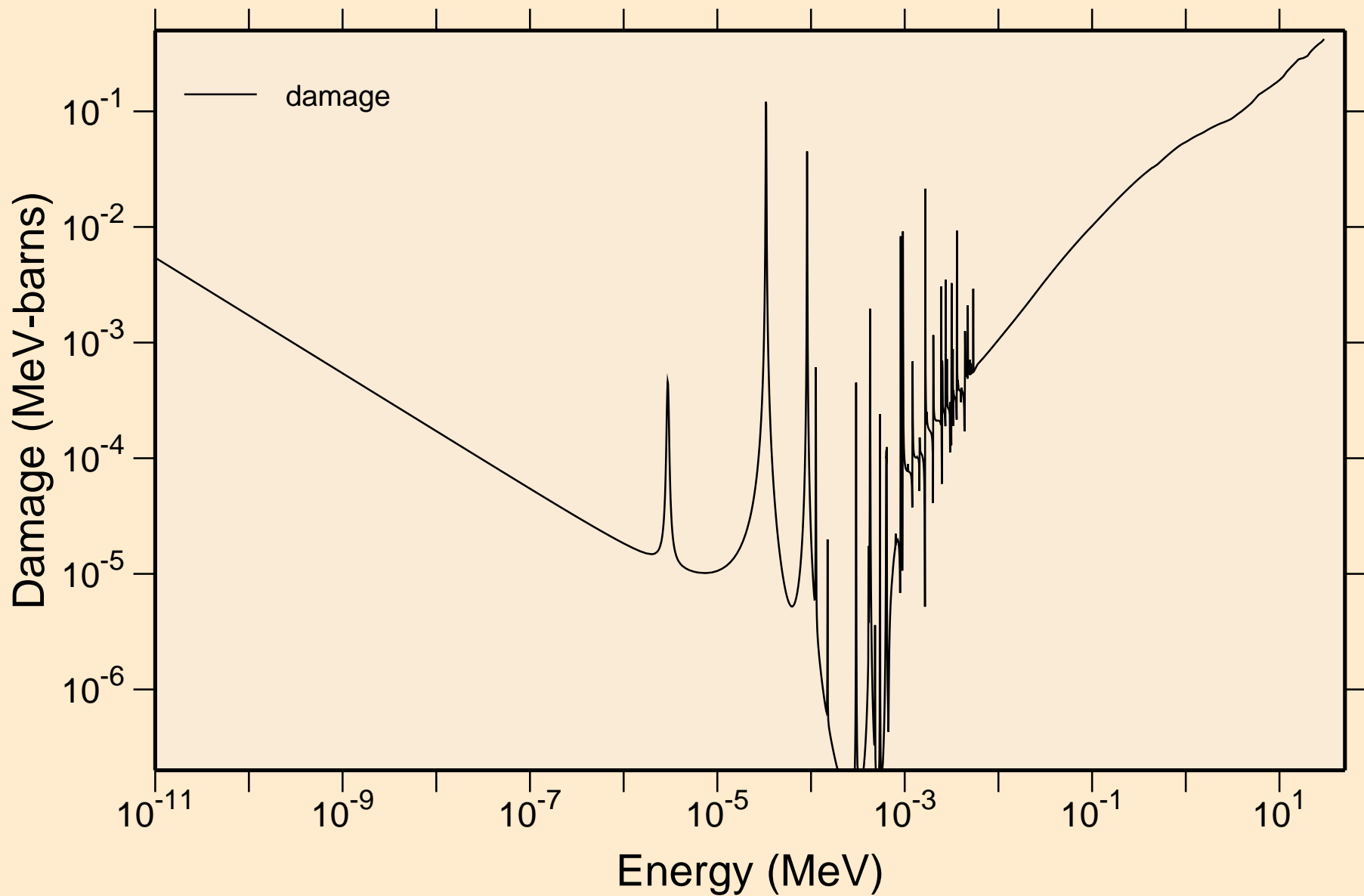


MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Heating

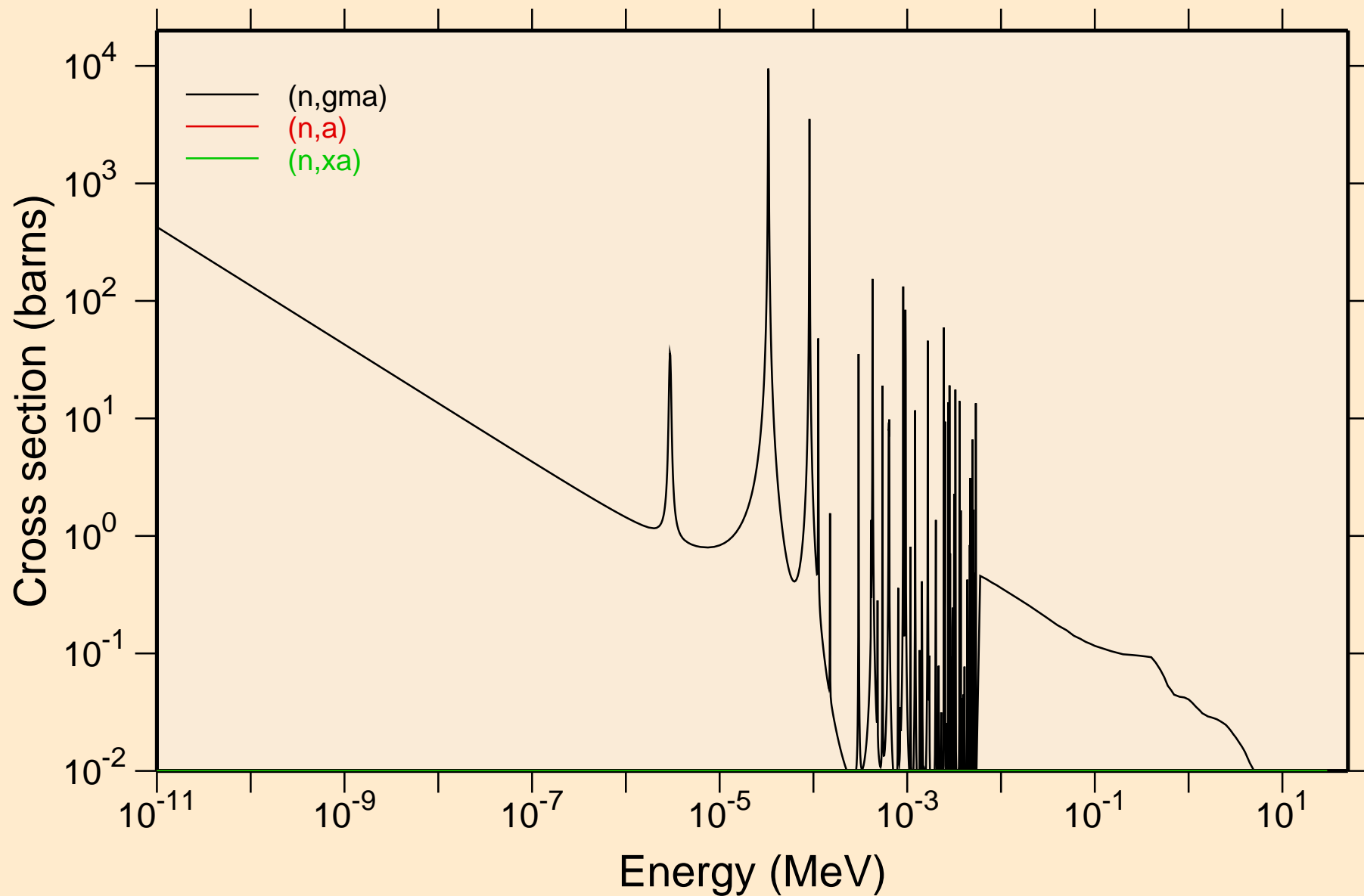




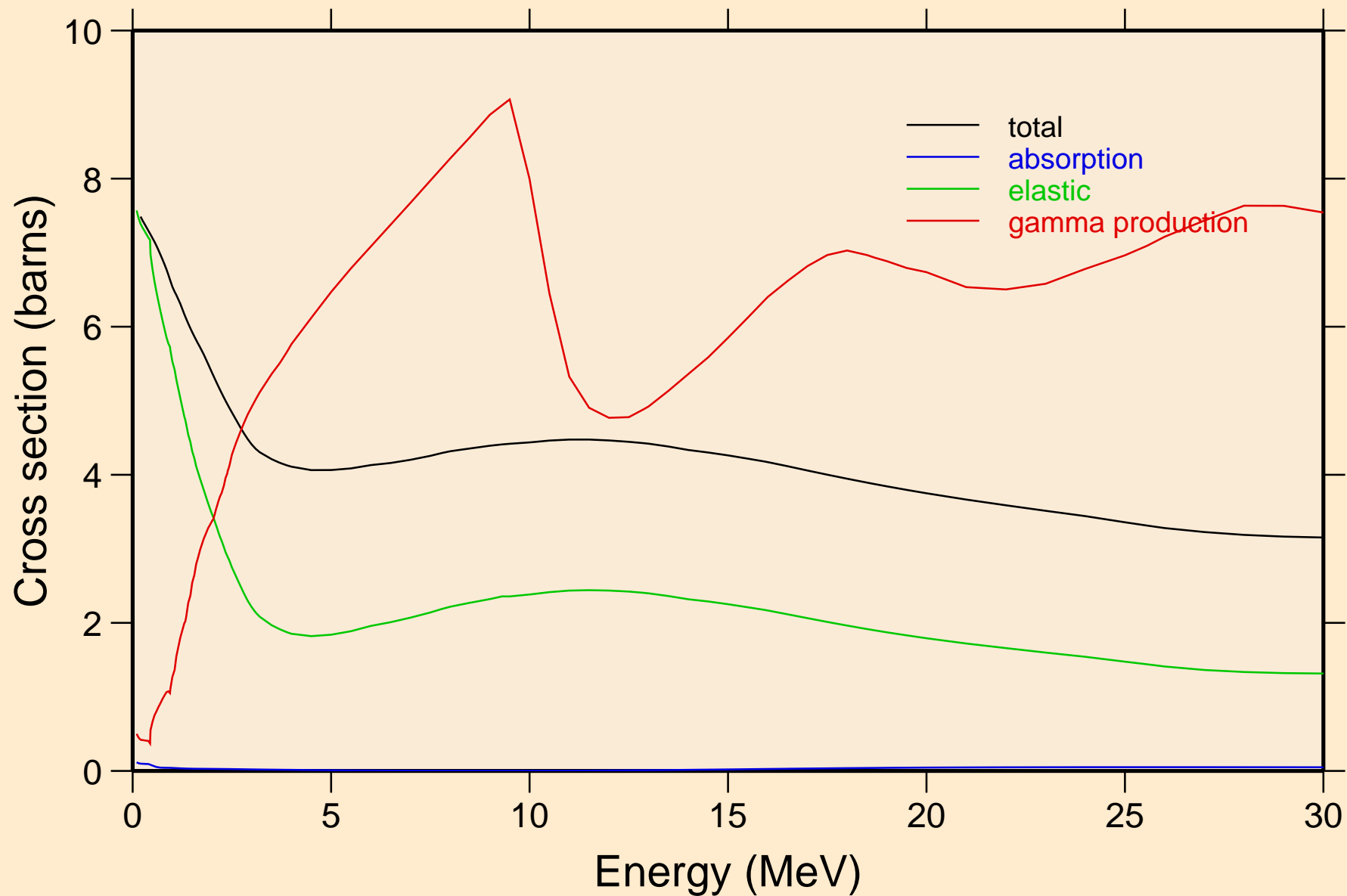
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Damage



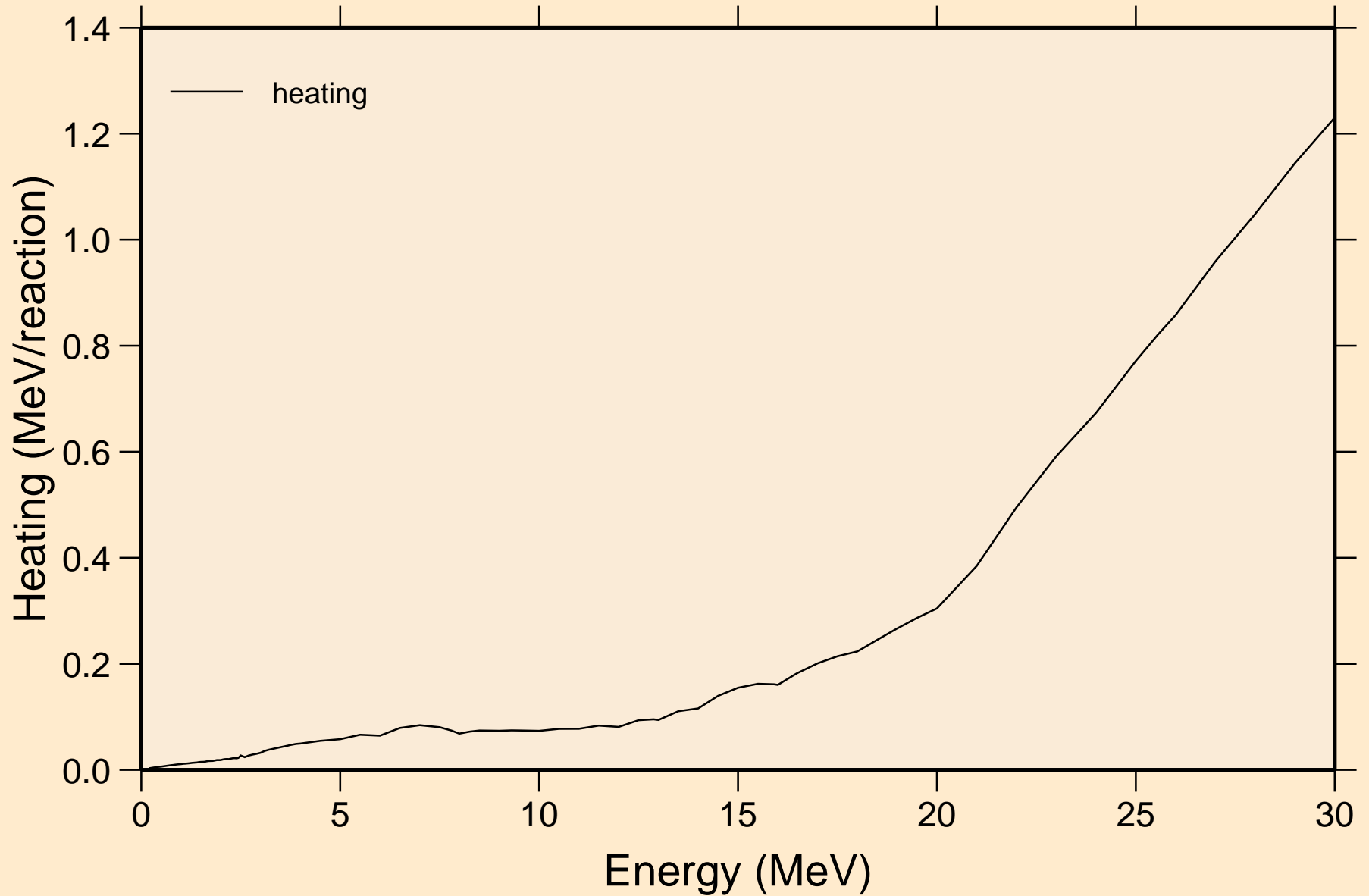
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Non-threshold reactions



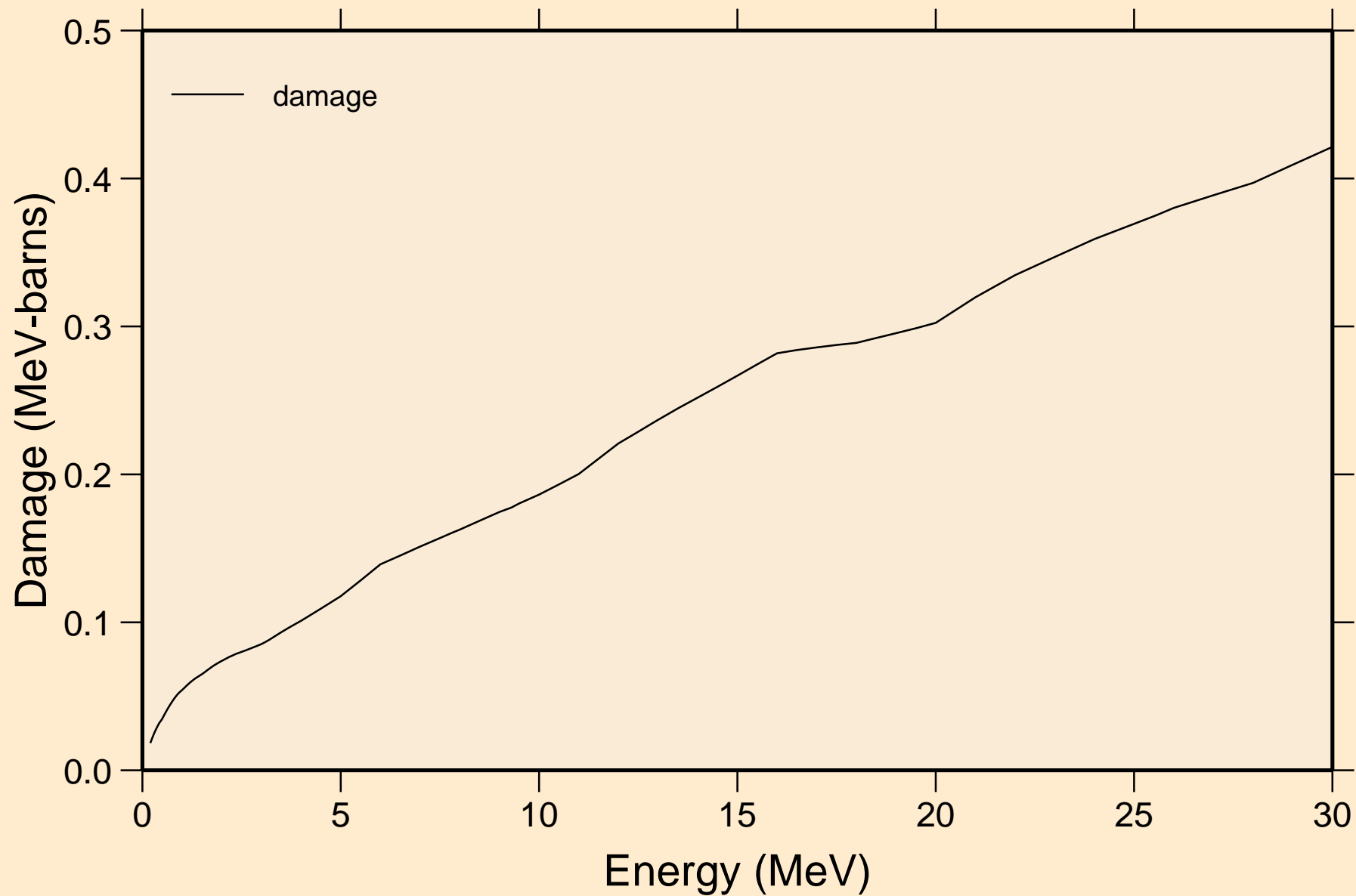
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Principal cross sections



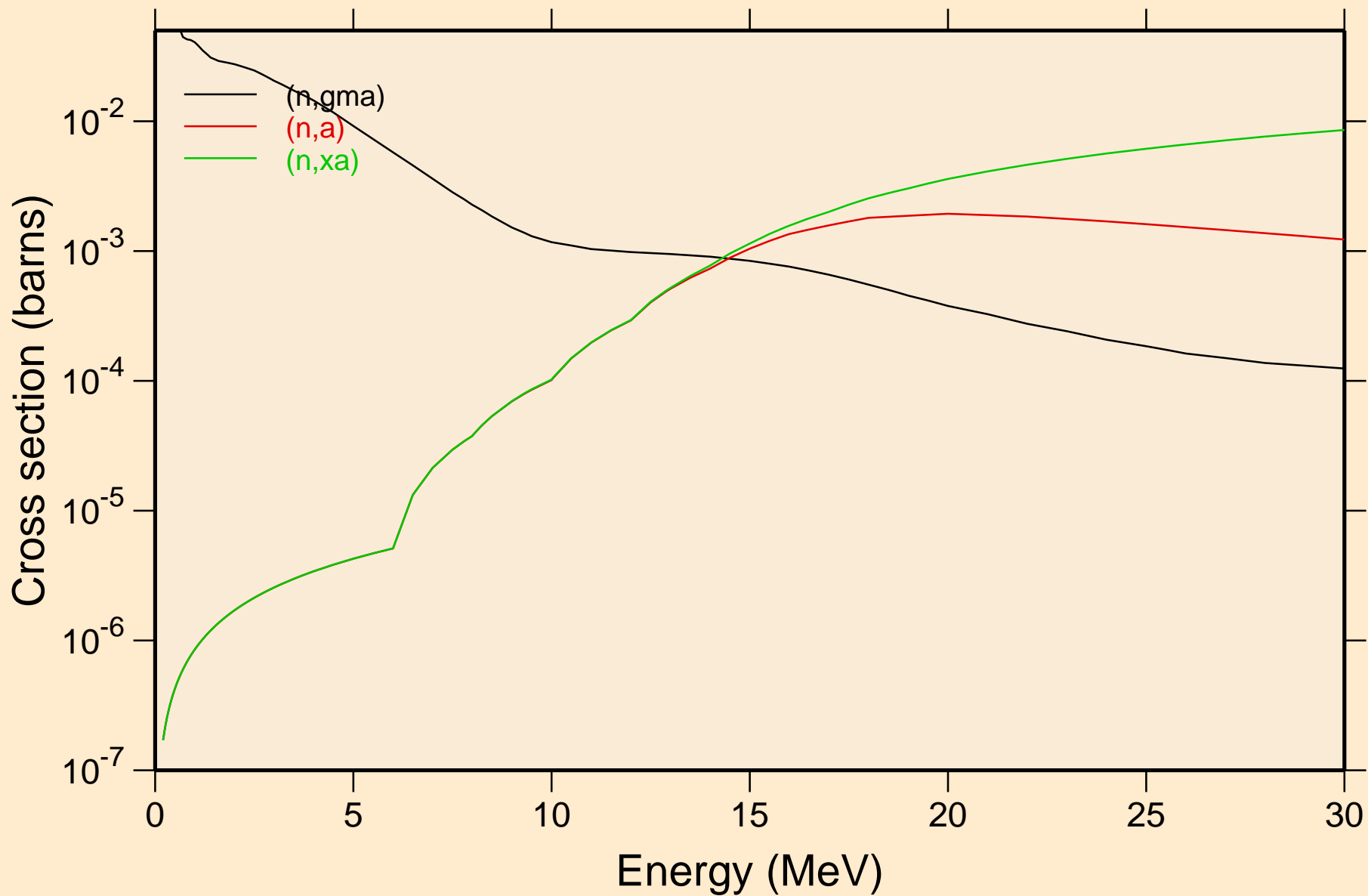
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Heating



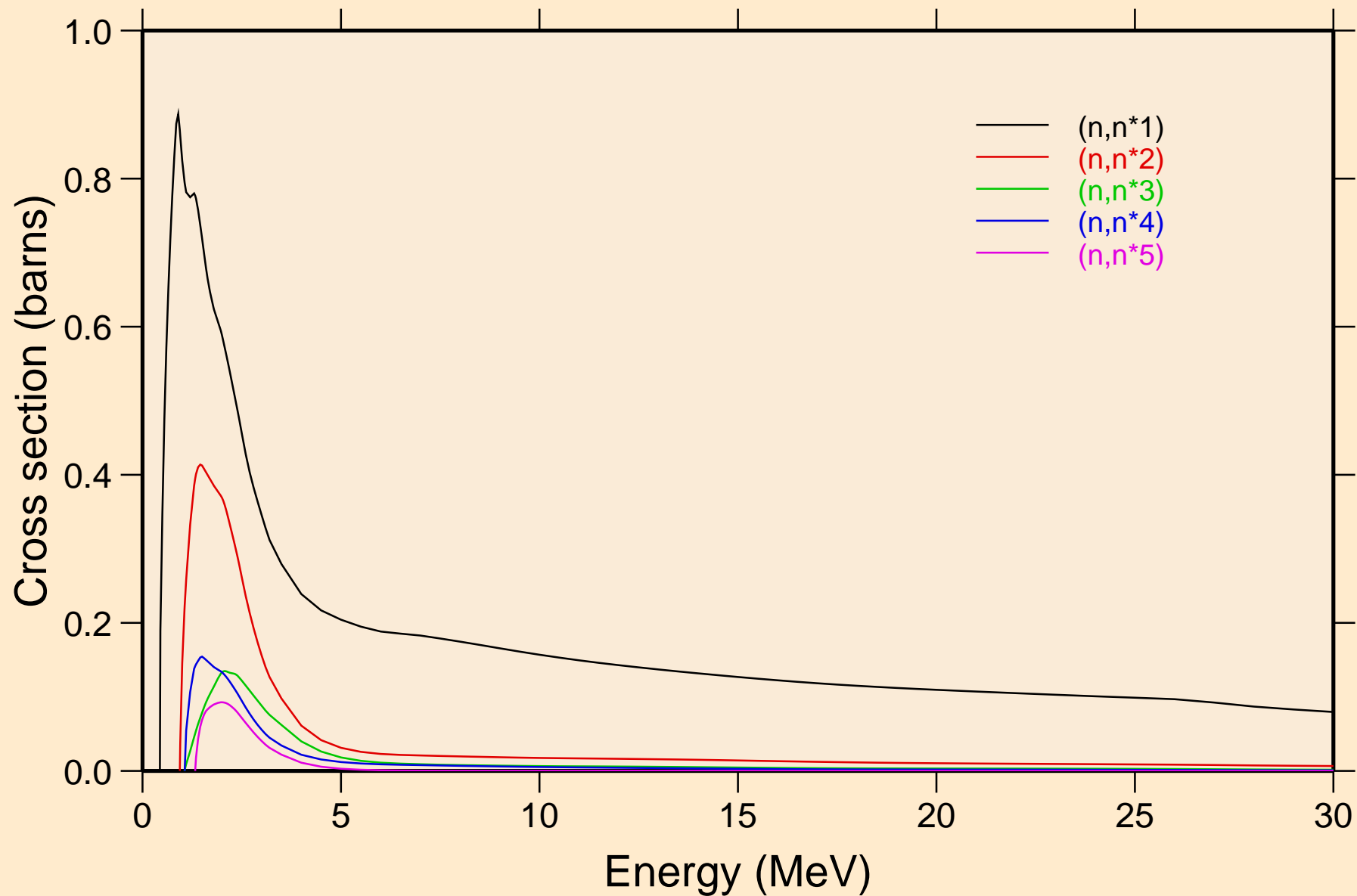
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Damage



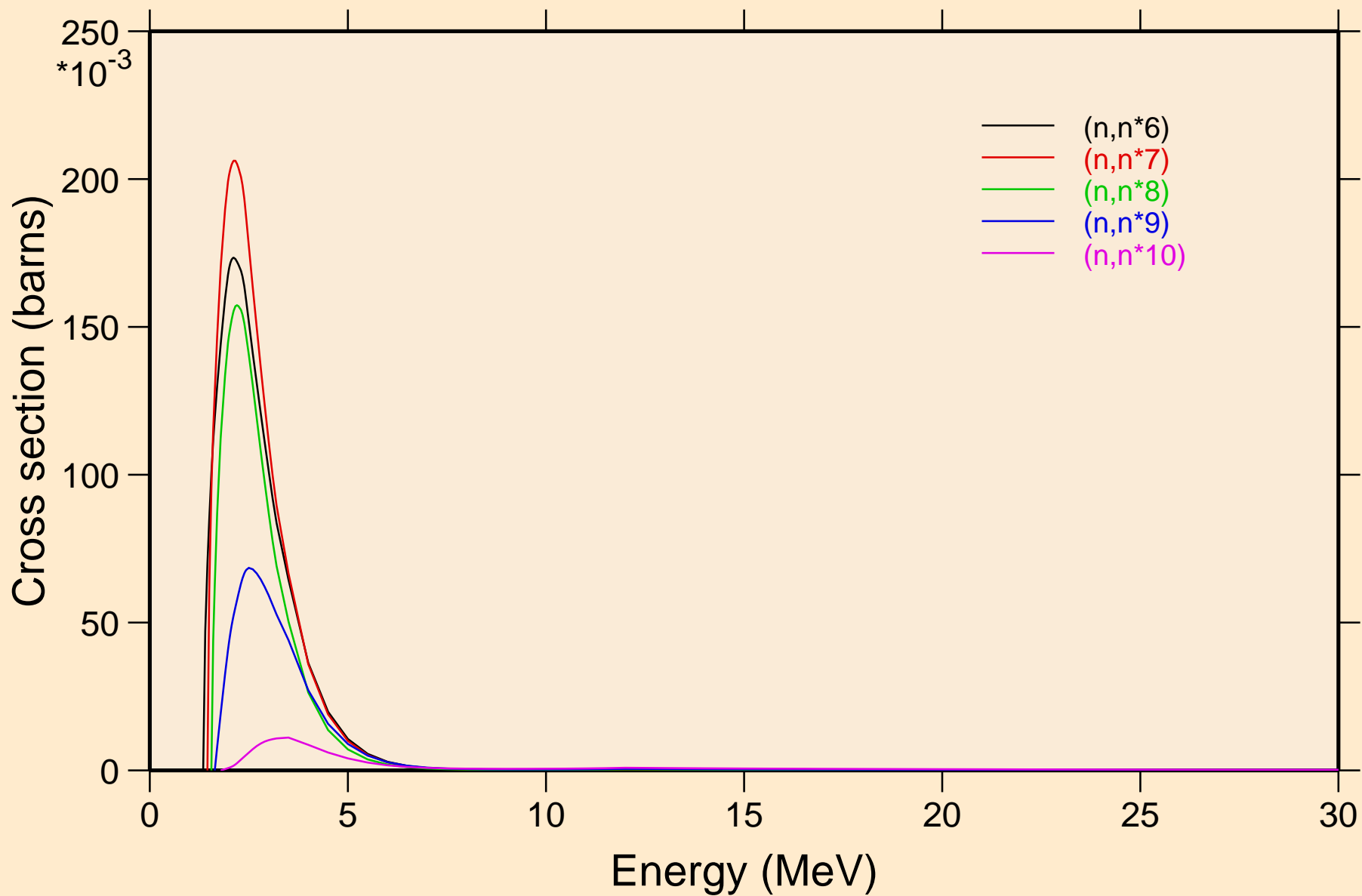
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Non-threshold reactions



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels

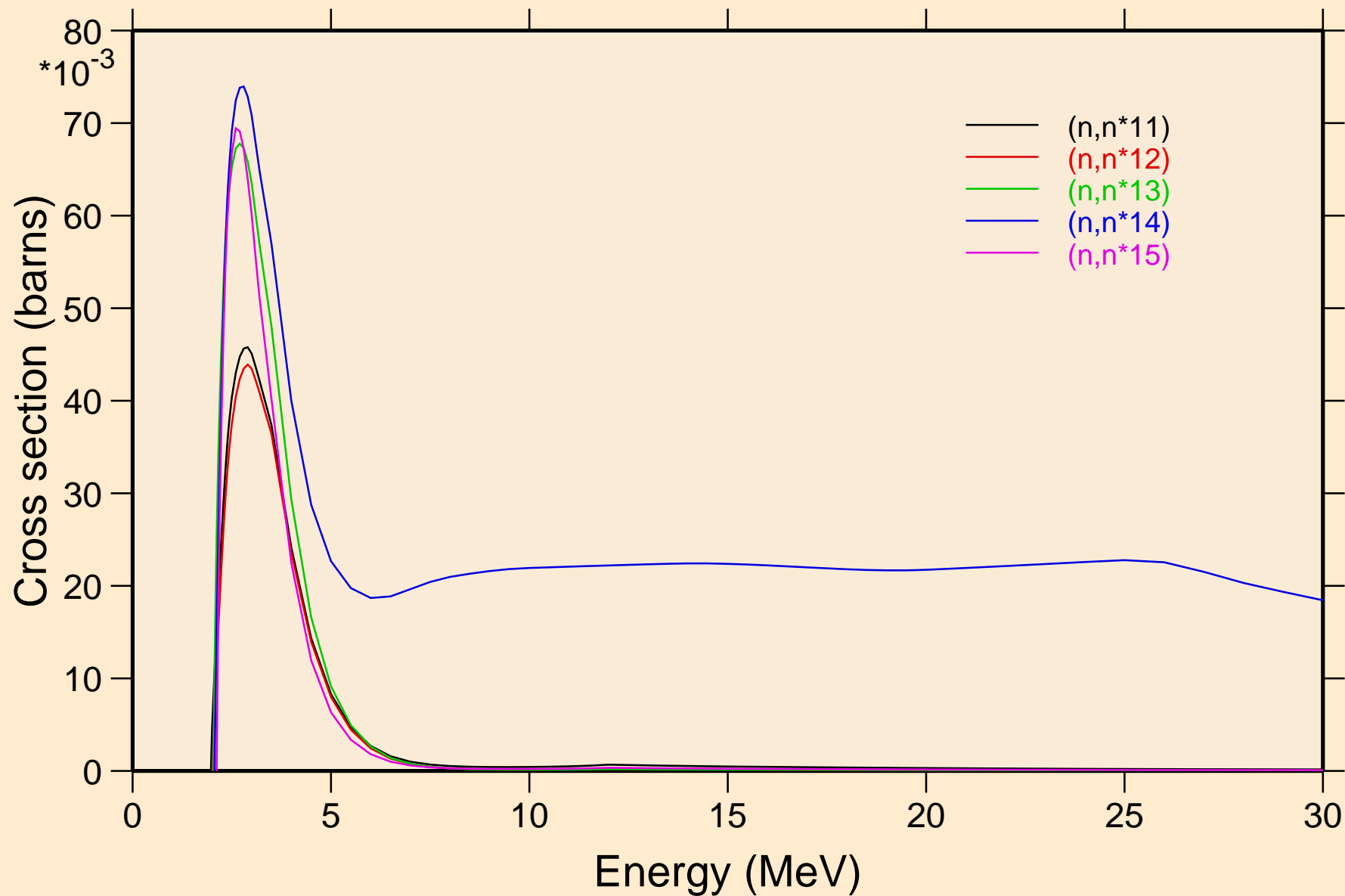


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Inelastic levels

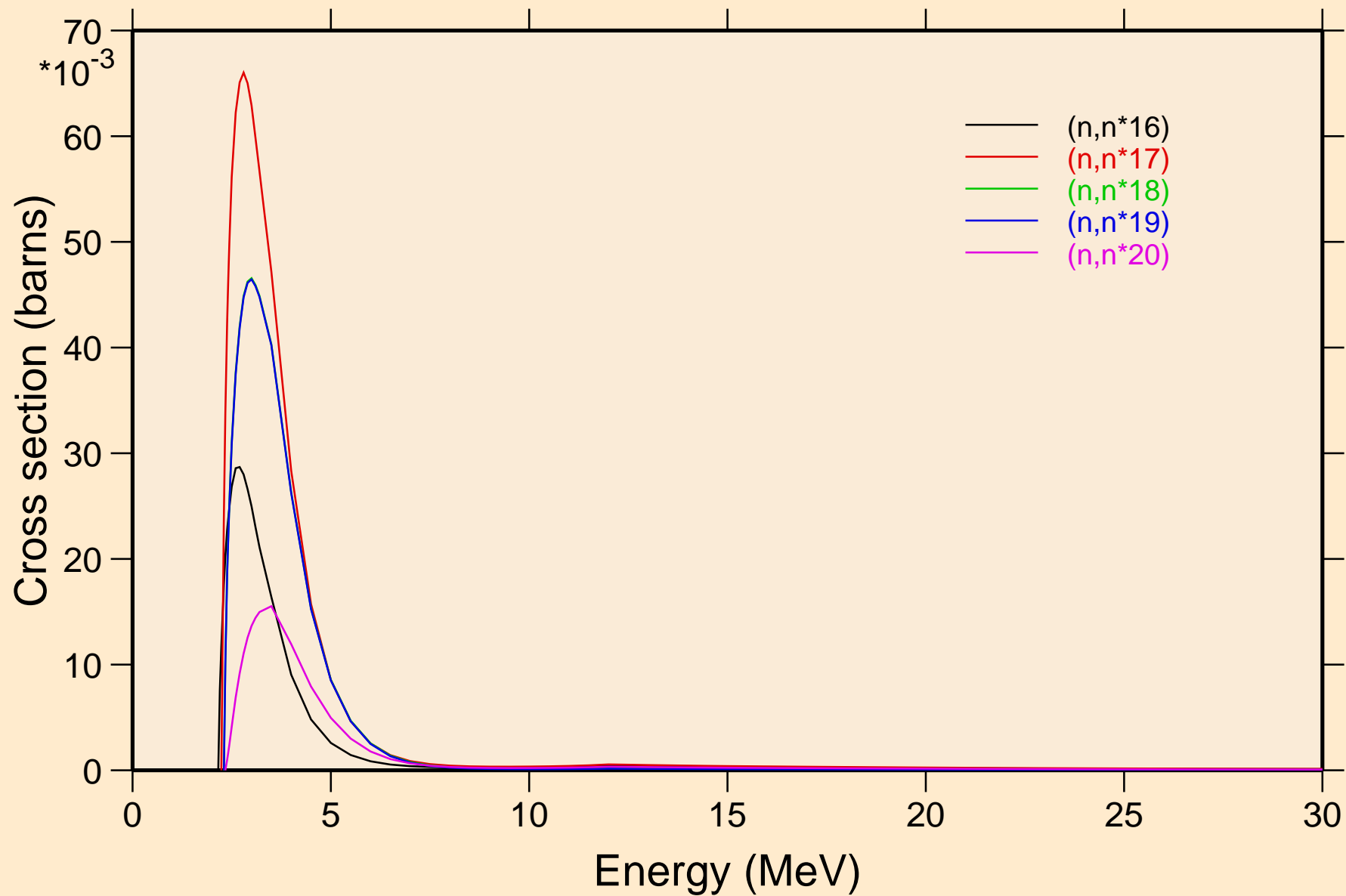




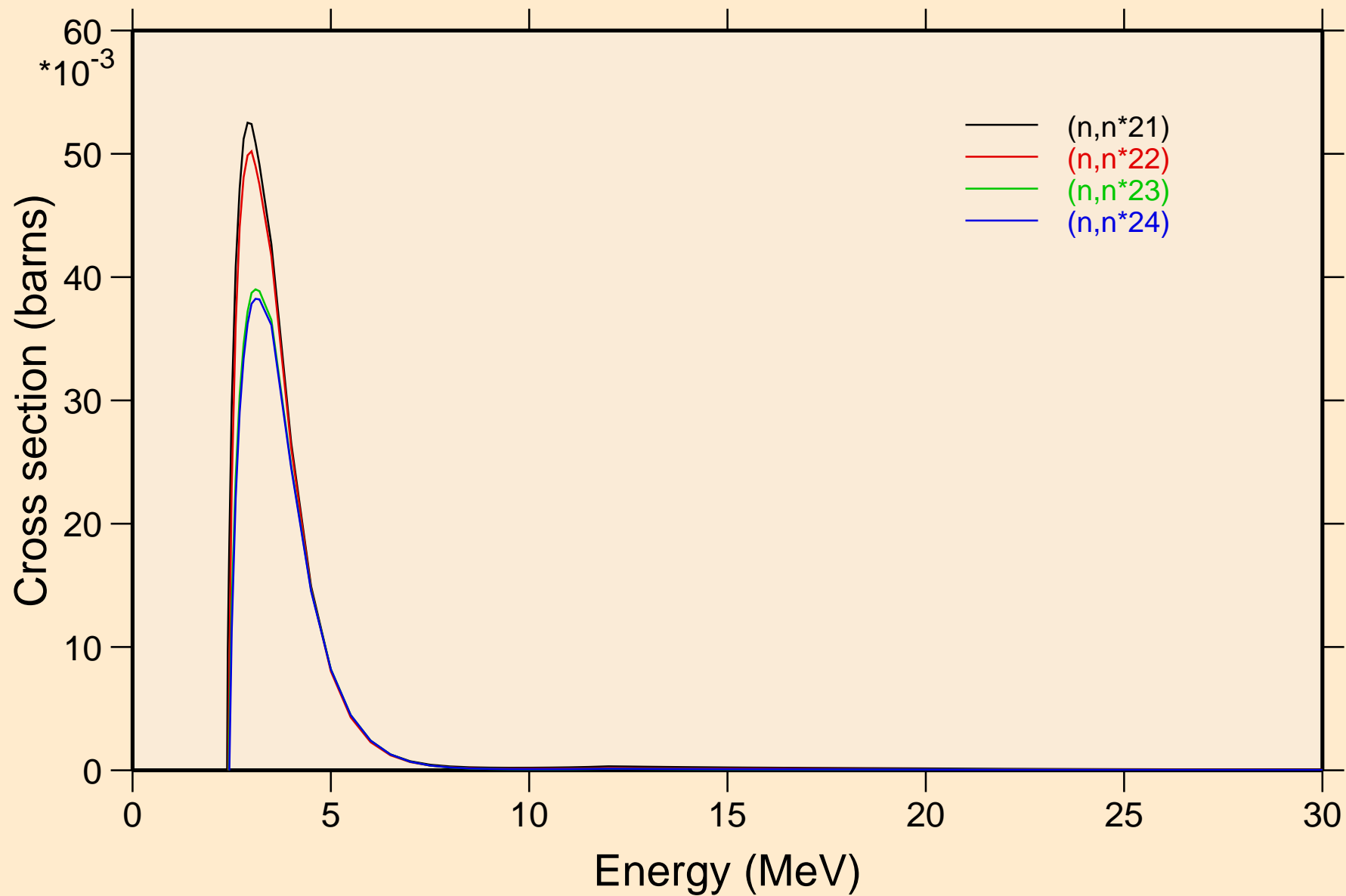
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Inelastic levels



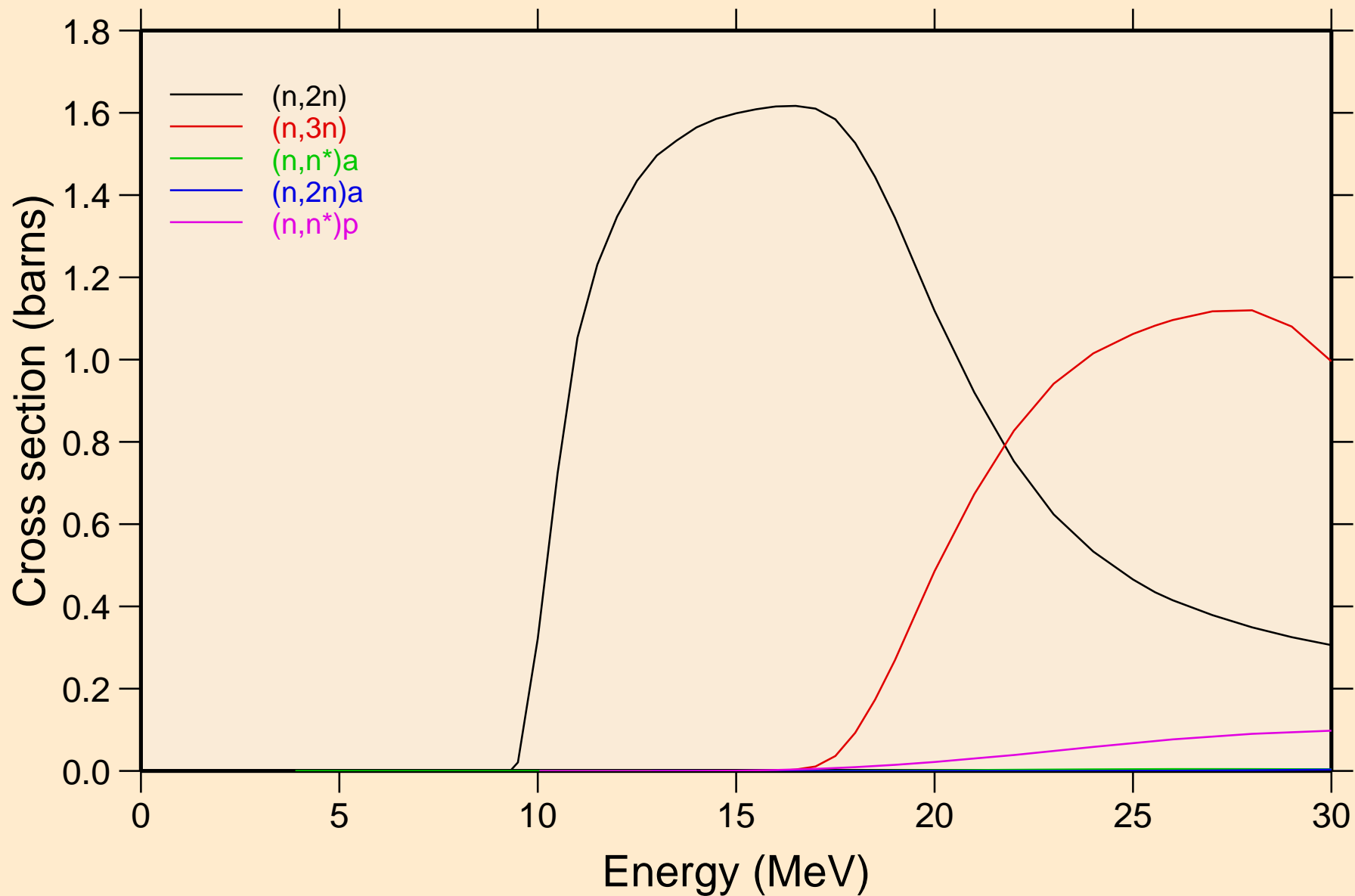
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Inelastic levels



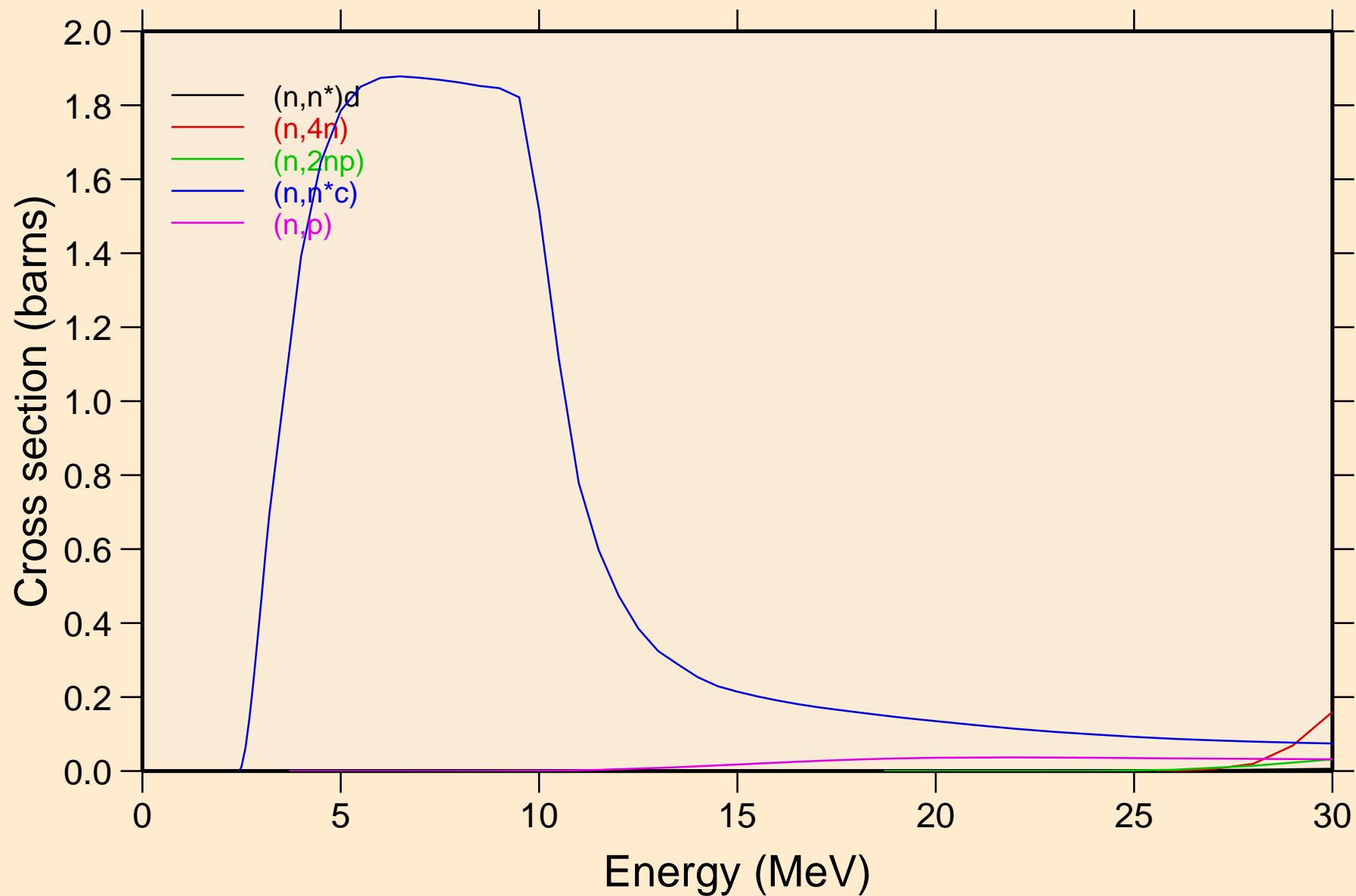
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Inelastic levels



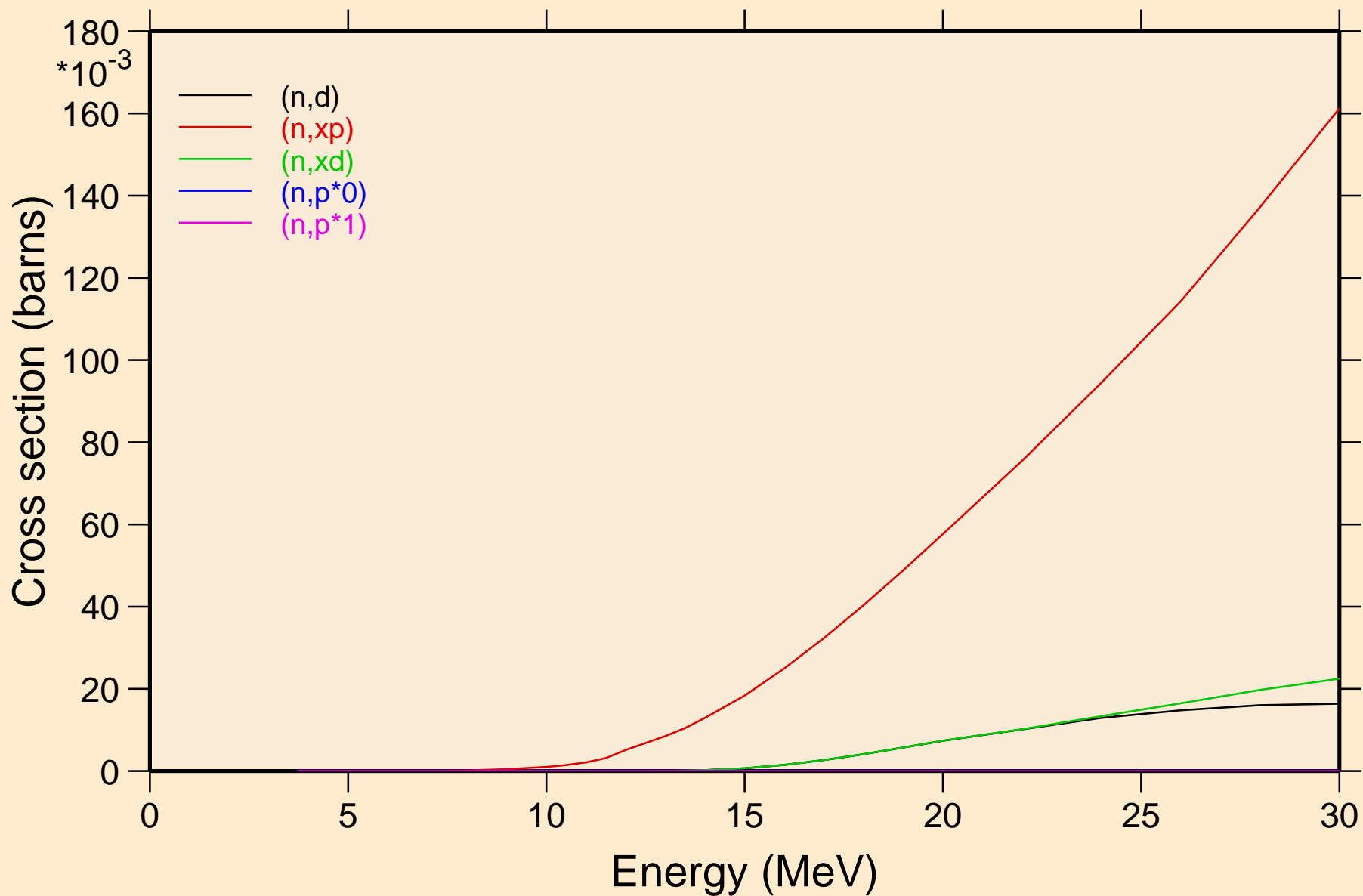
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Threshold reactions



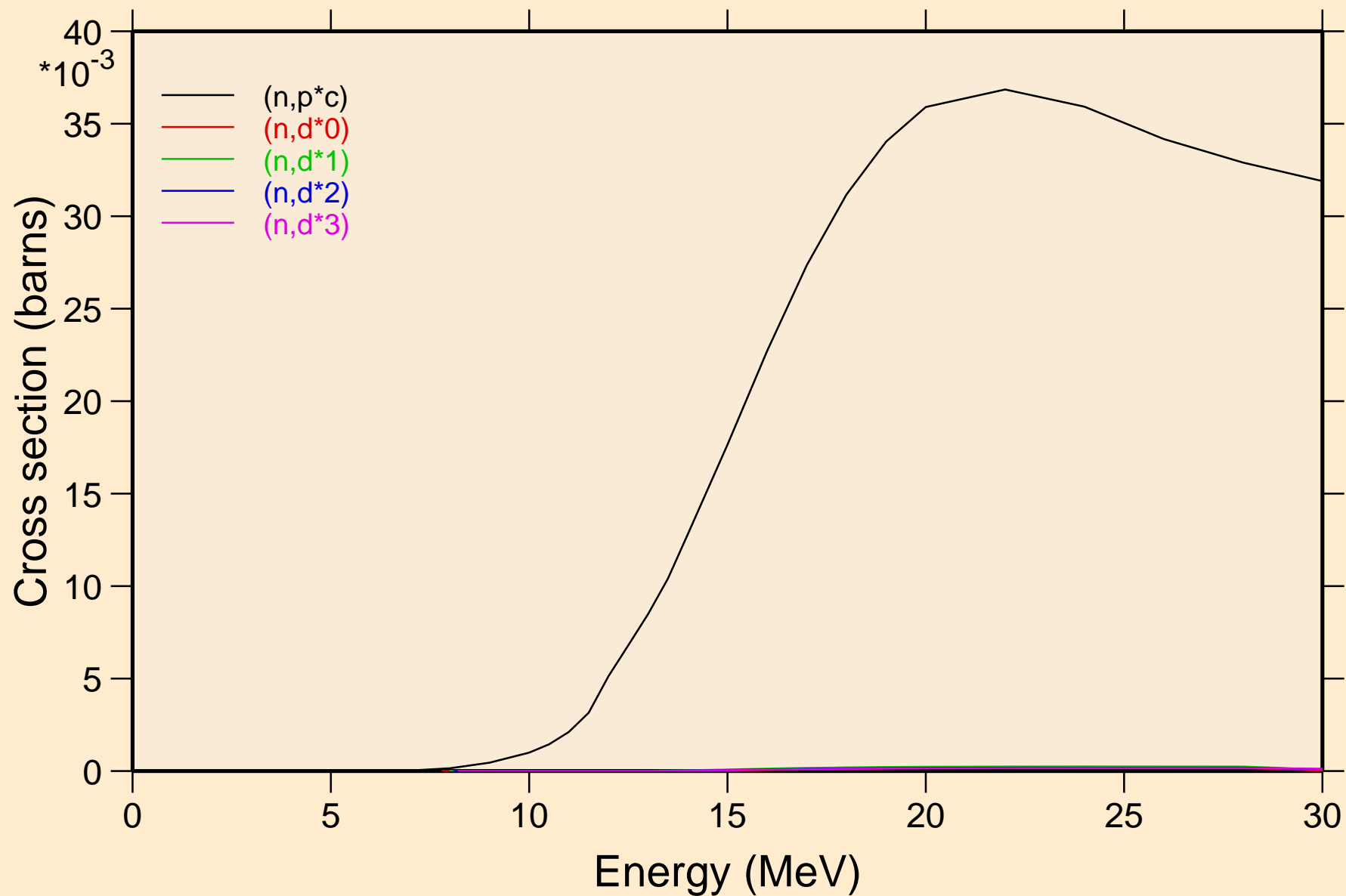
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Threshold reactions



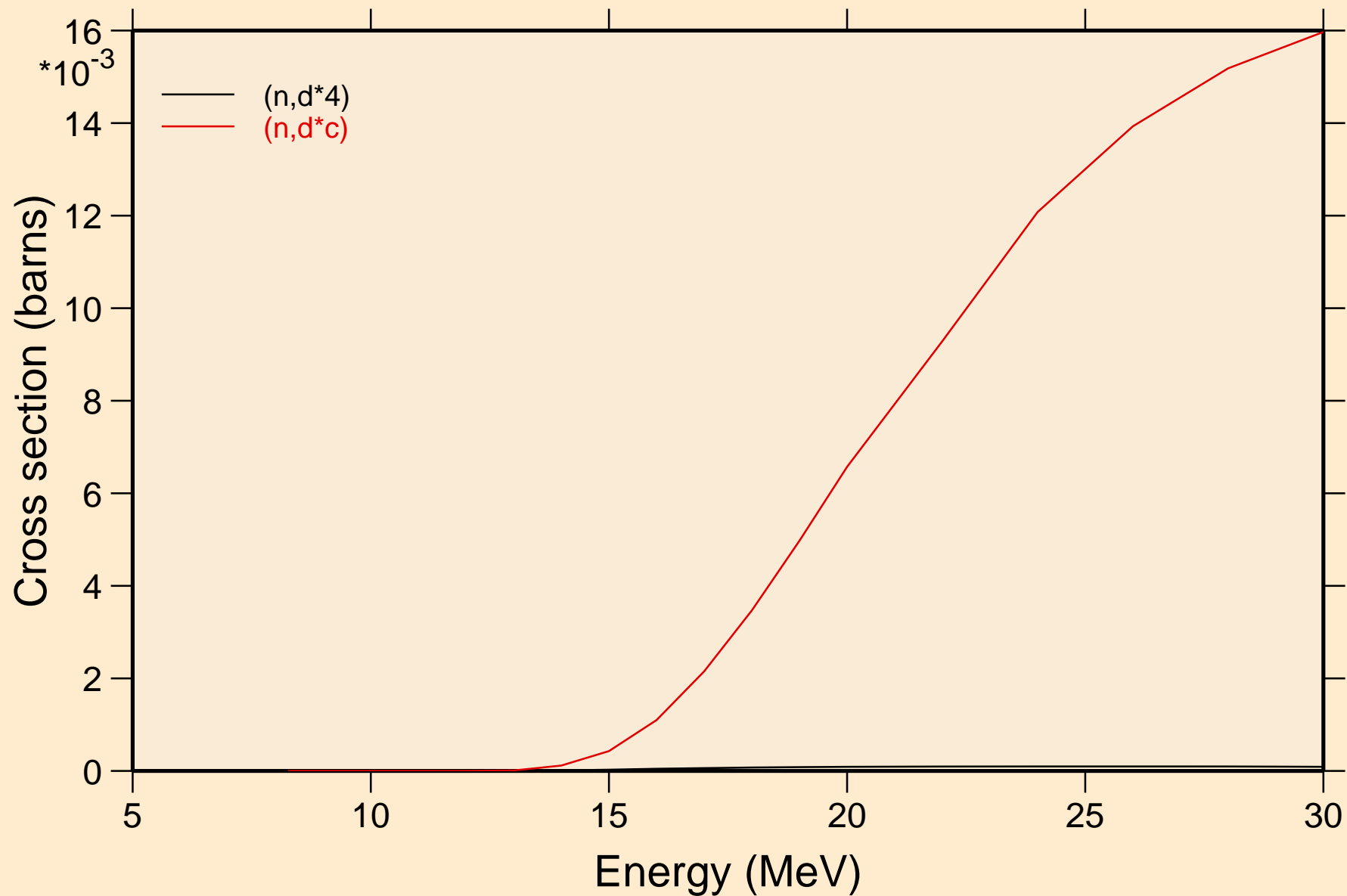
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions

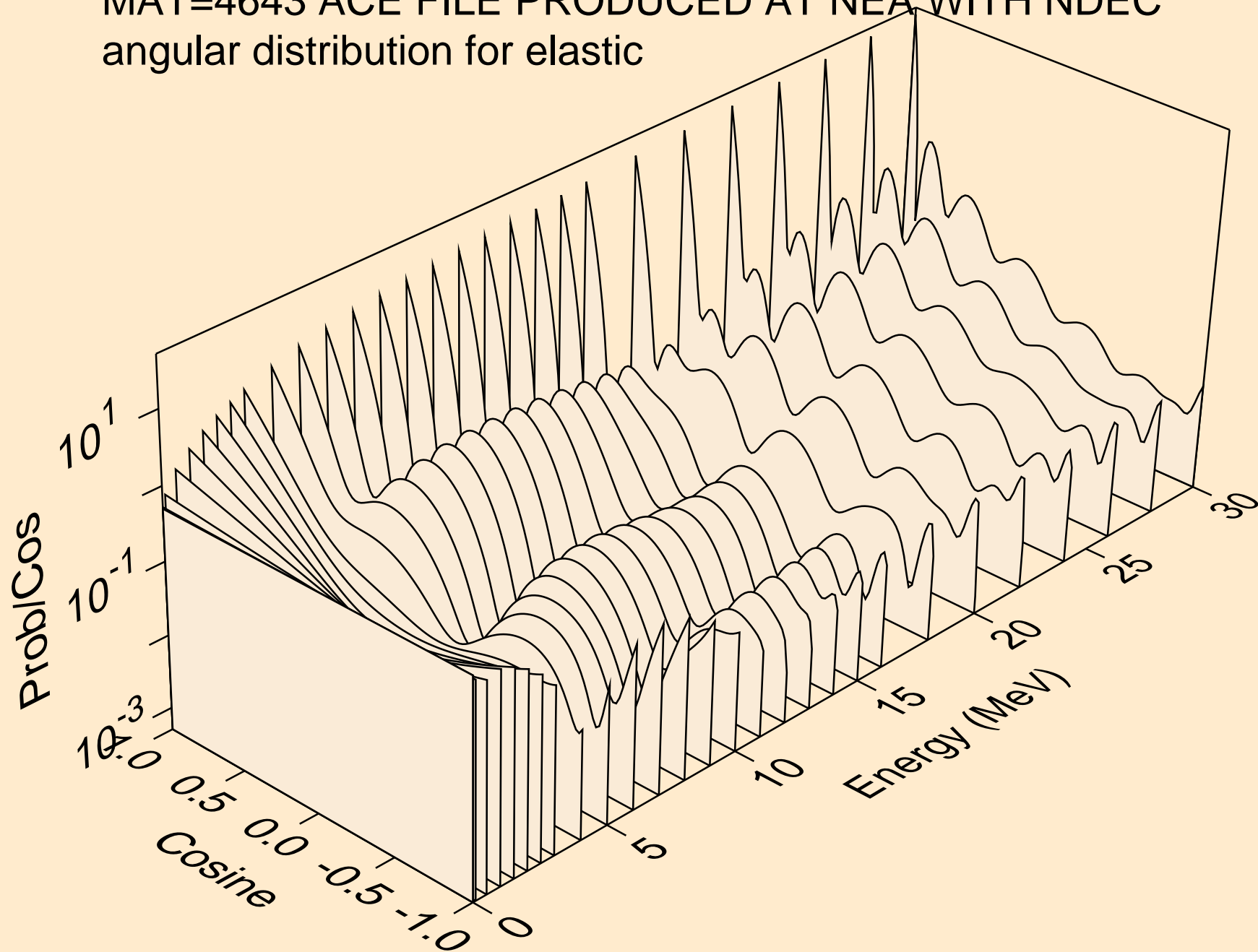


MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions

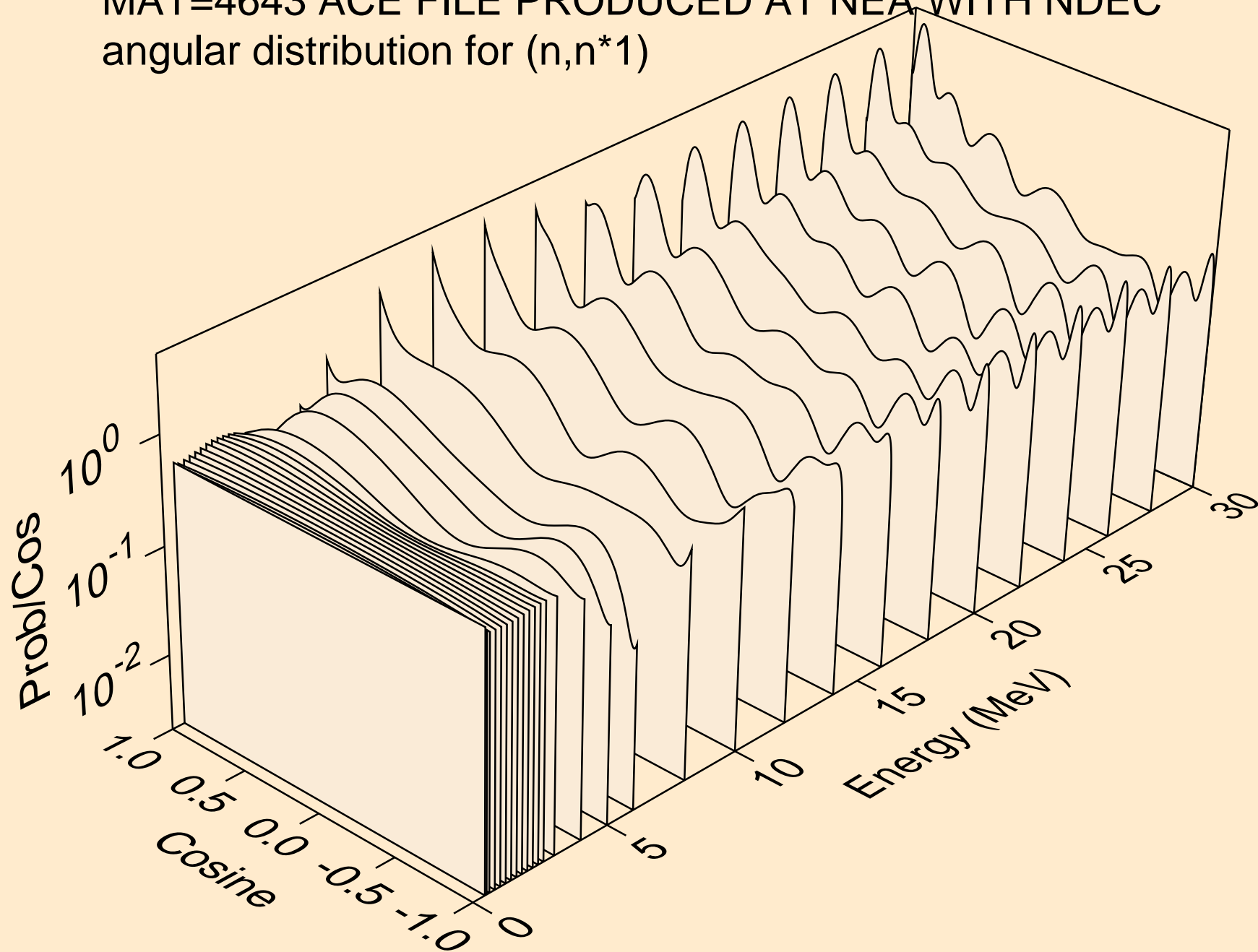




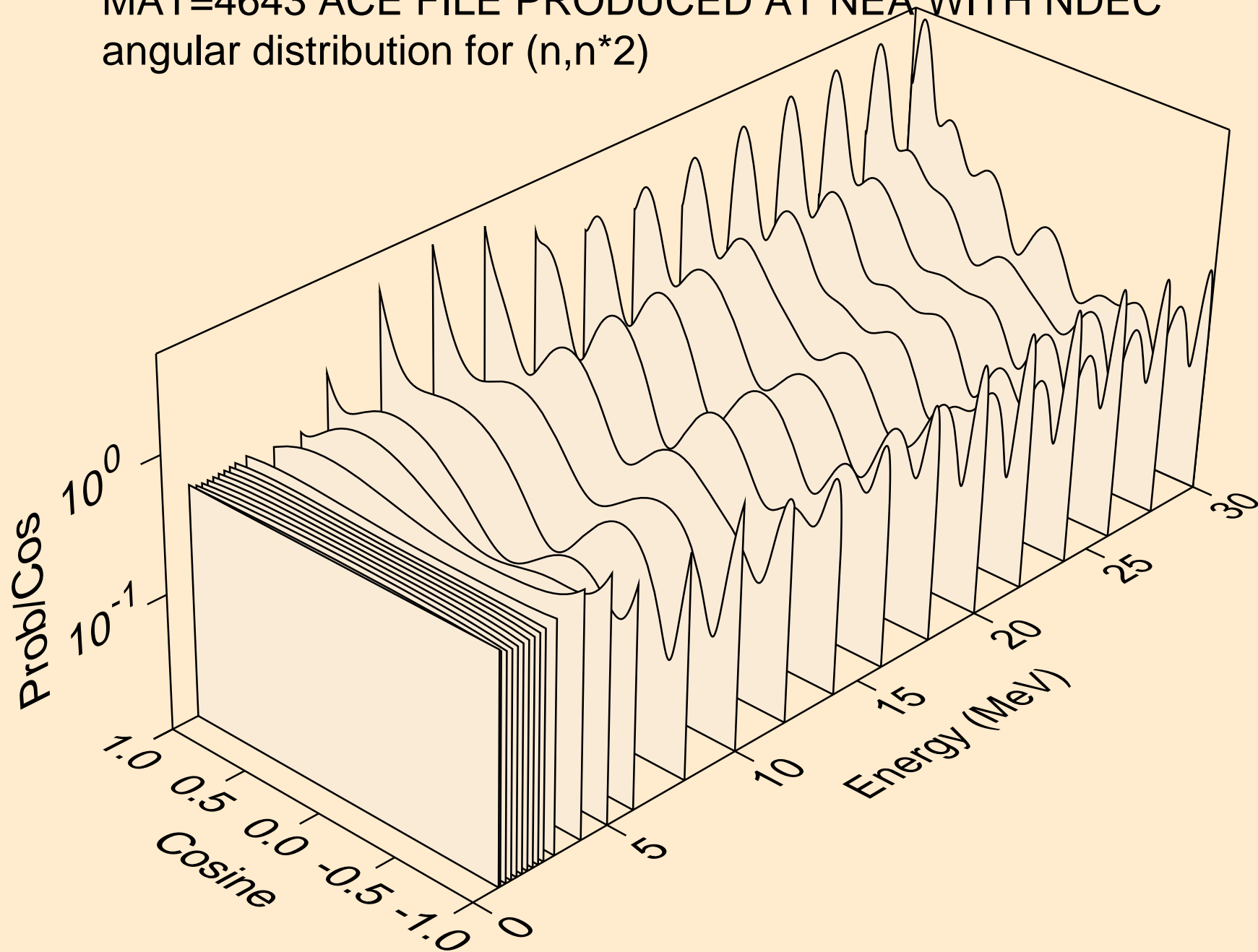
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angular distribution for elastic



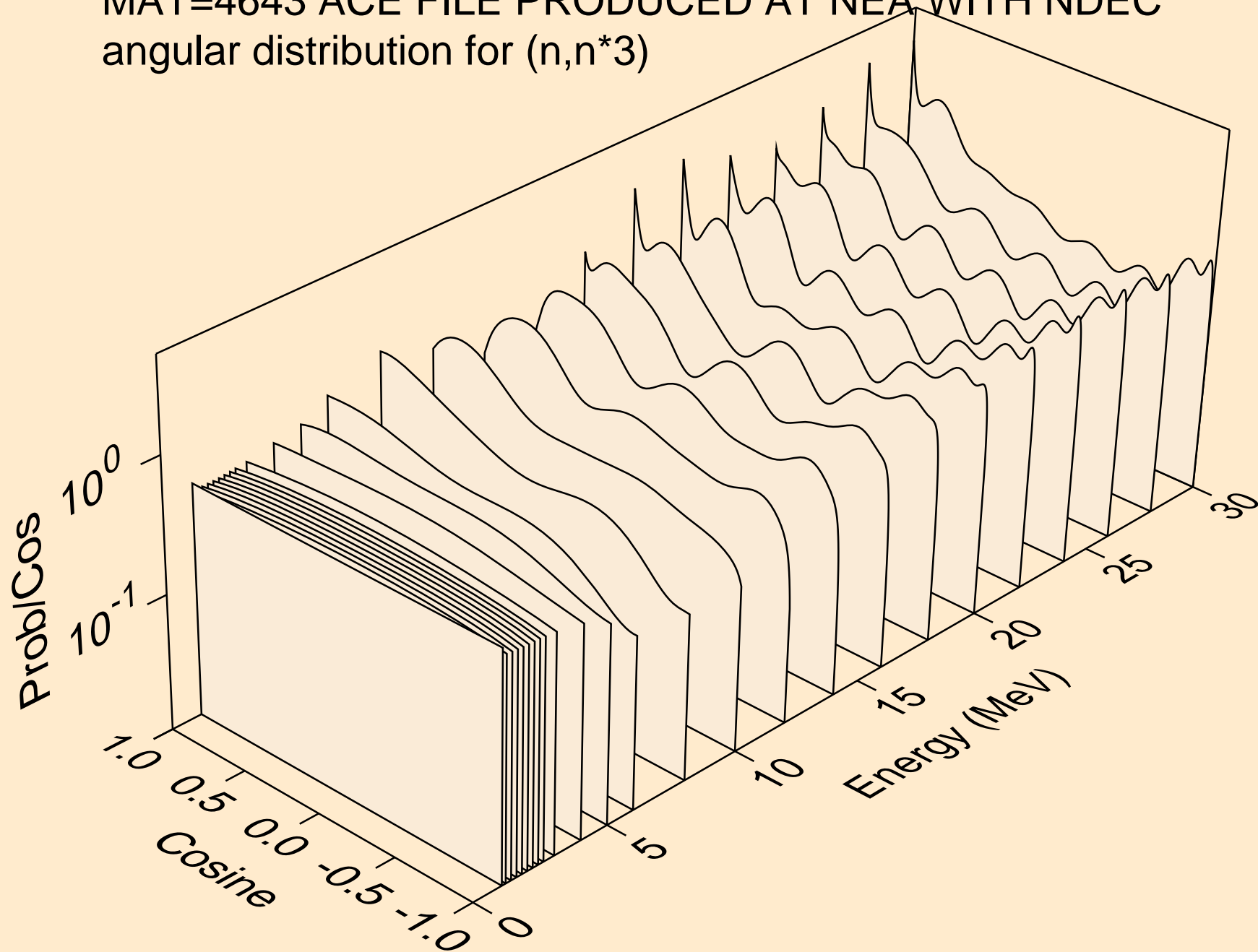
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angular distribution for (n,n\*1)



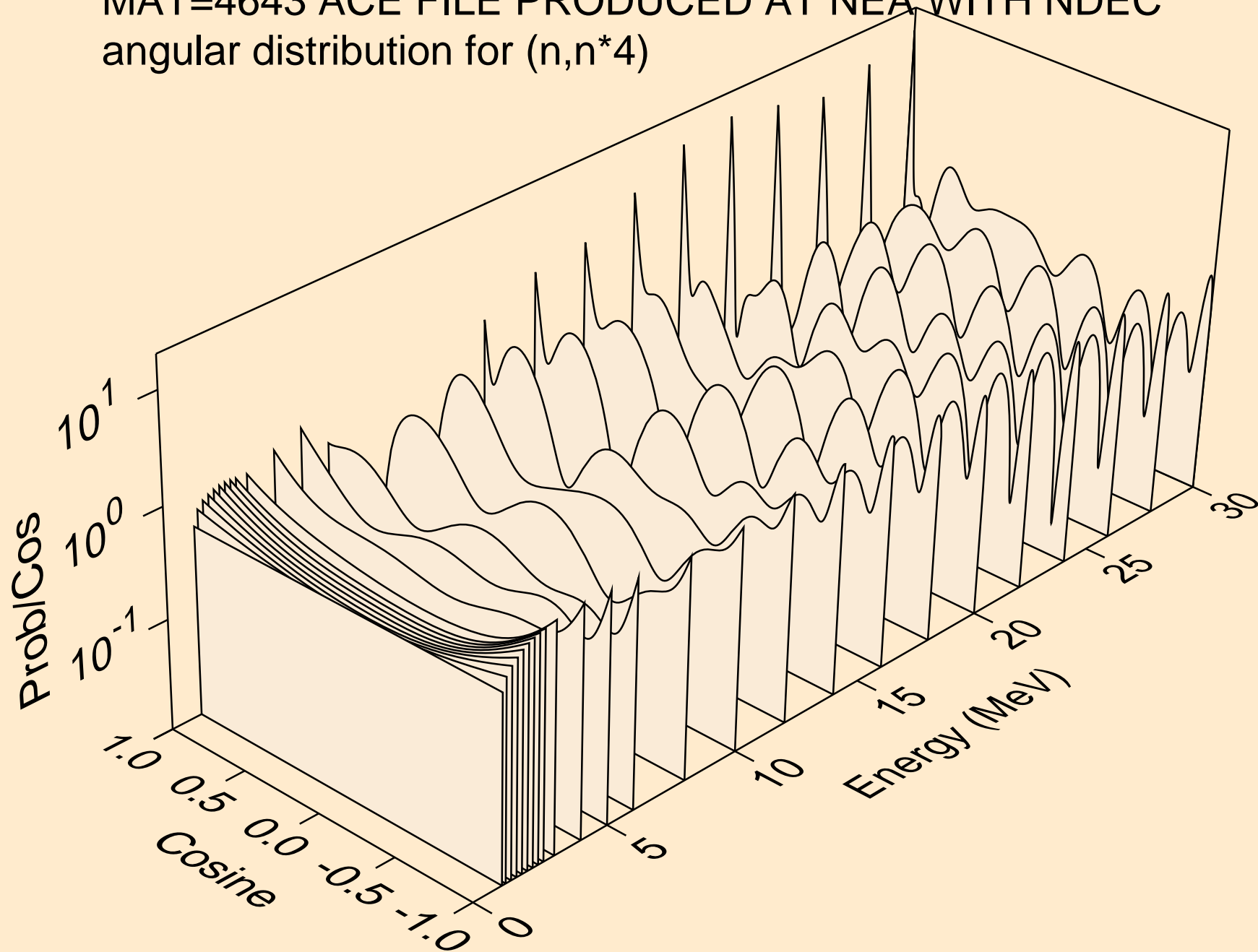
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angular distribution for (n,n\*2)



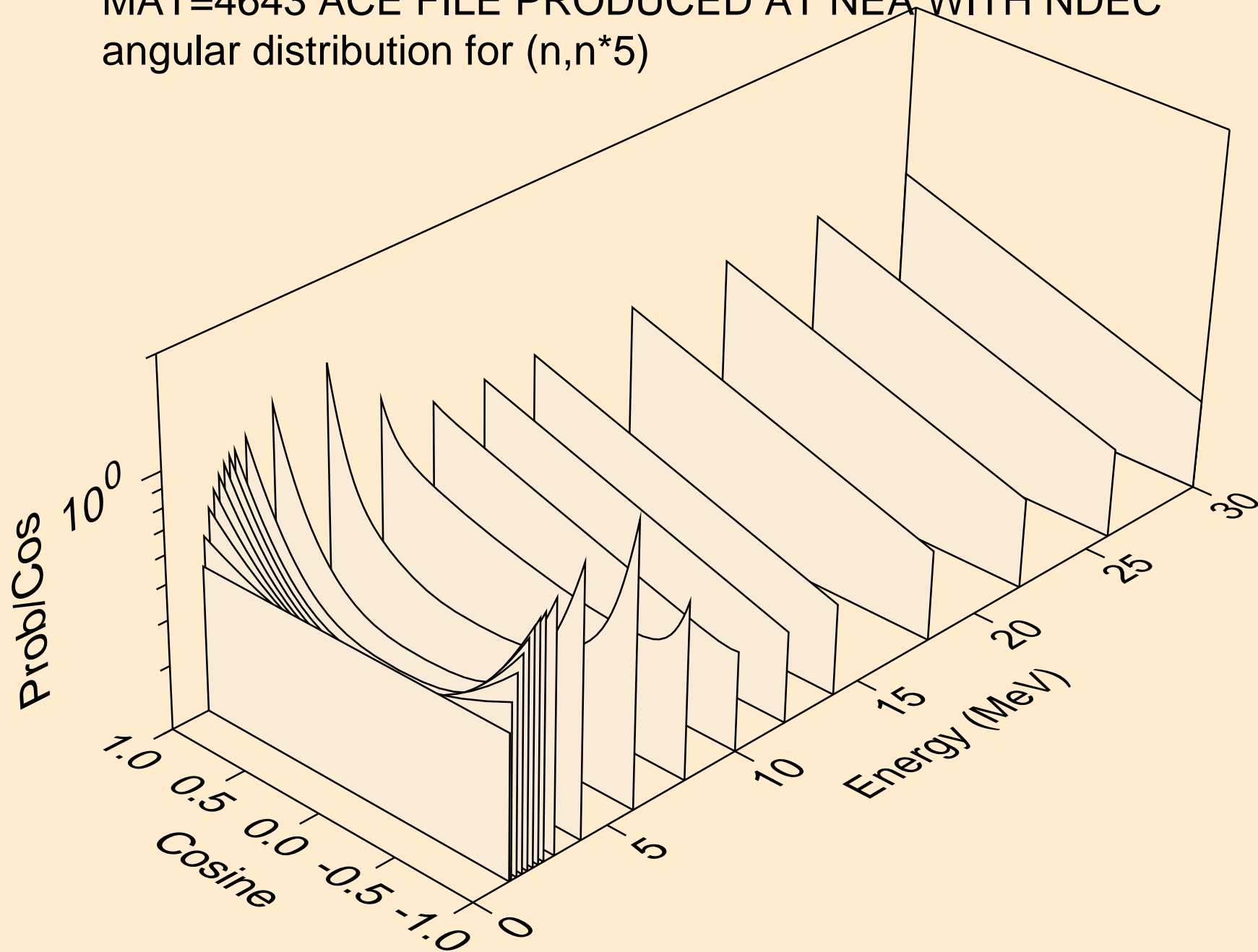
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angular distribution for (n,n\*3)



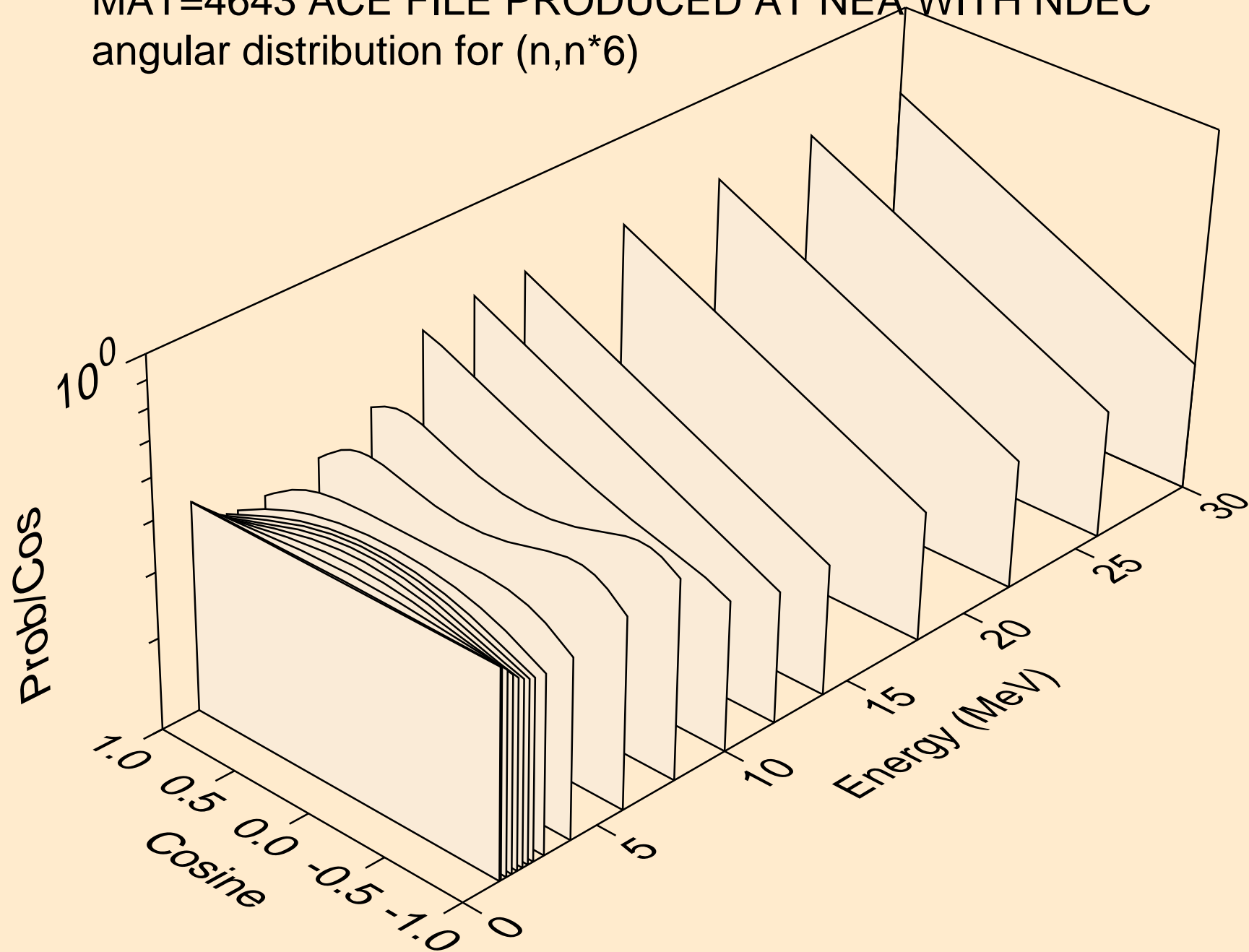
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angular distribution for (n,n\*4)



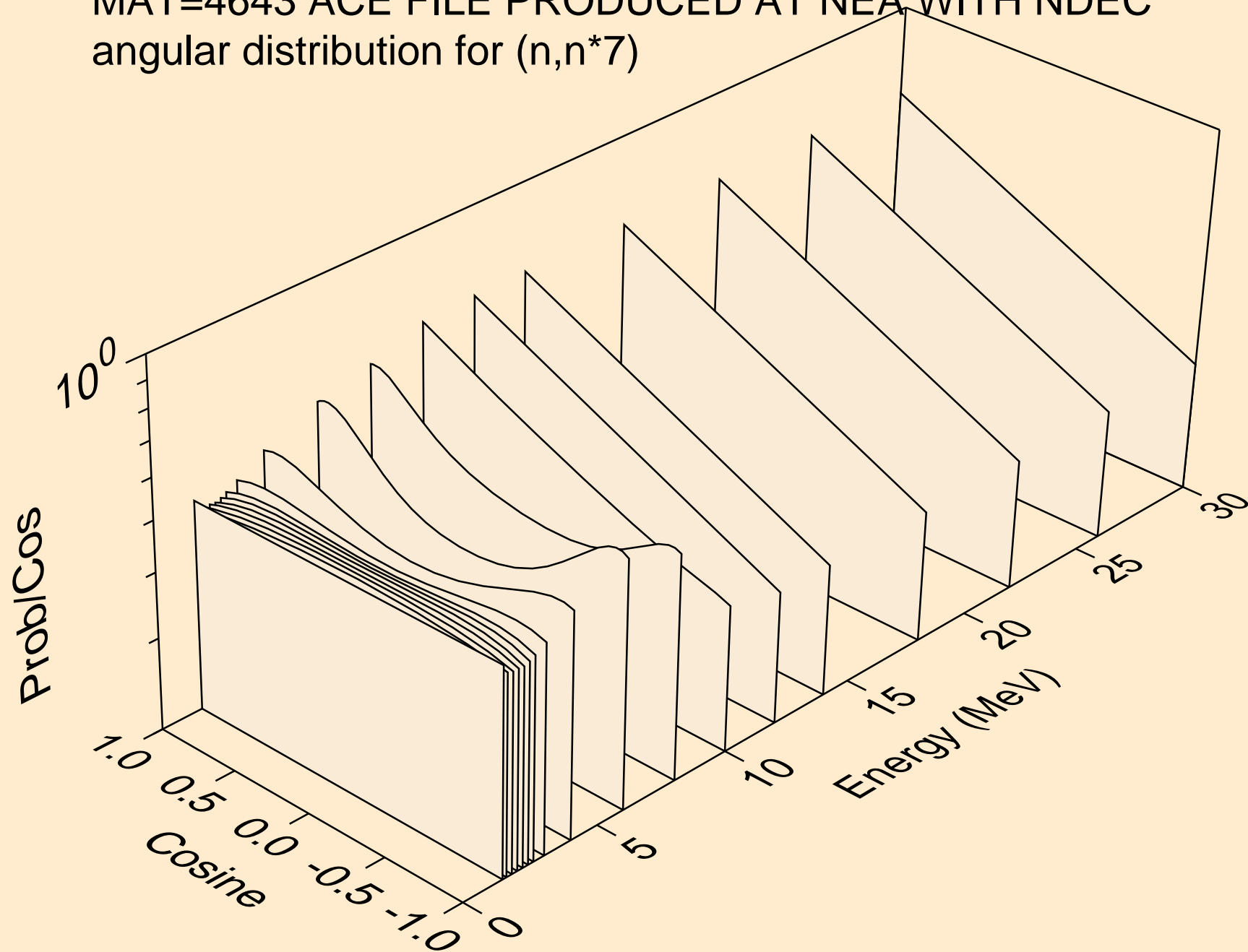
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angular distribution for (n,n\*5)



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*6)

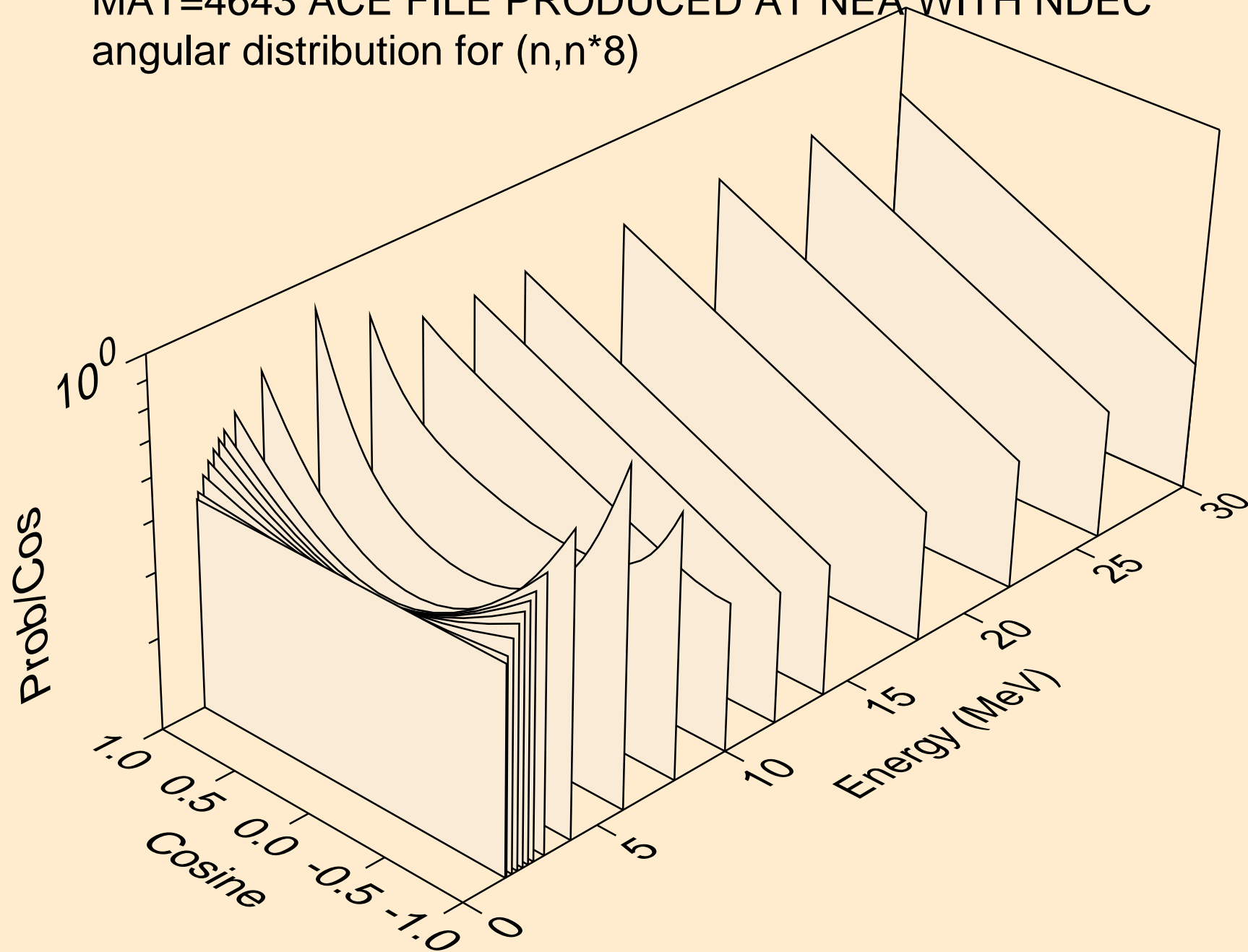


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angular distribution for (n,n\*7)

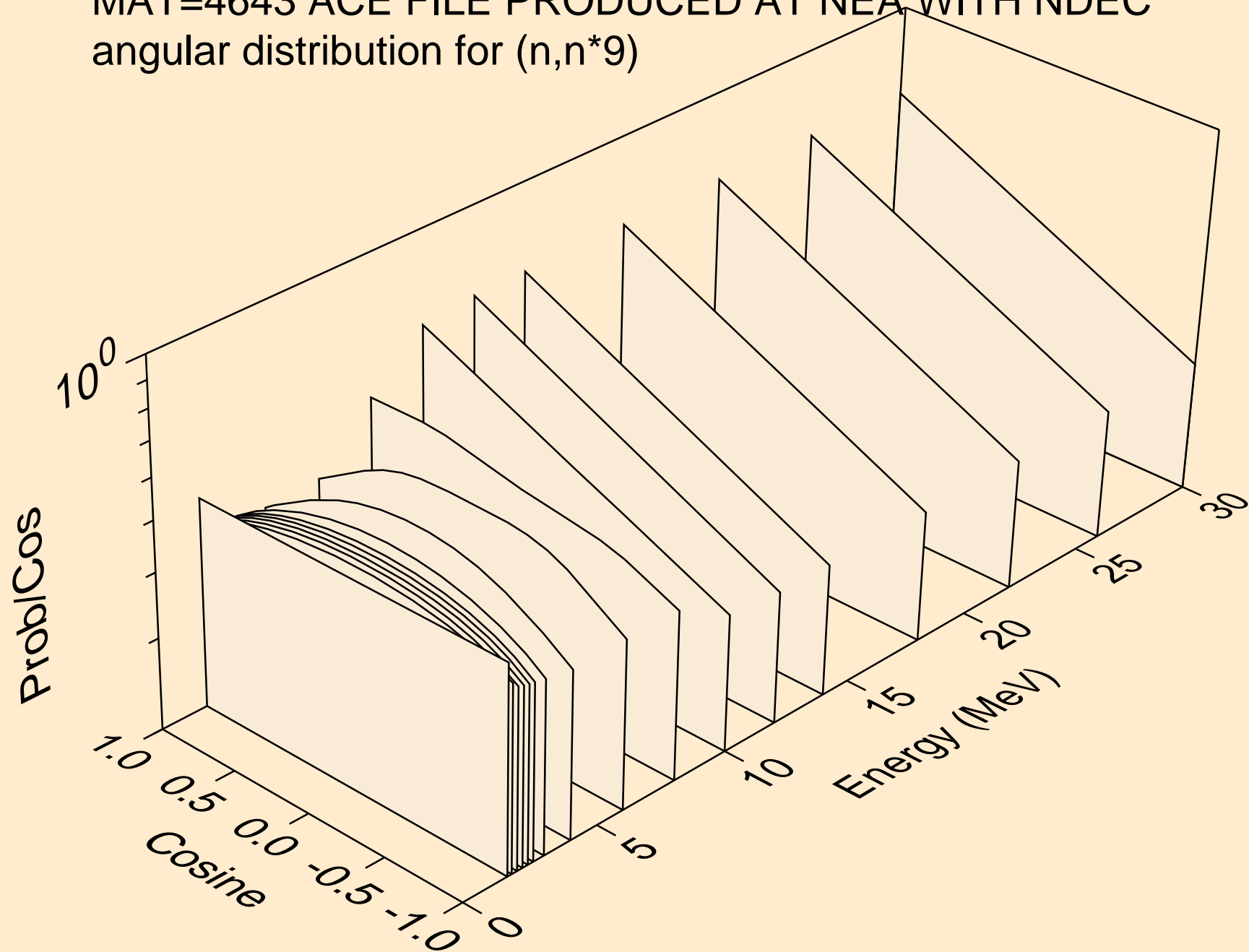




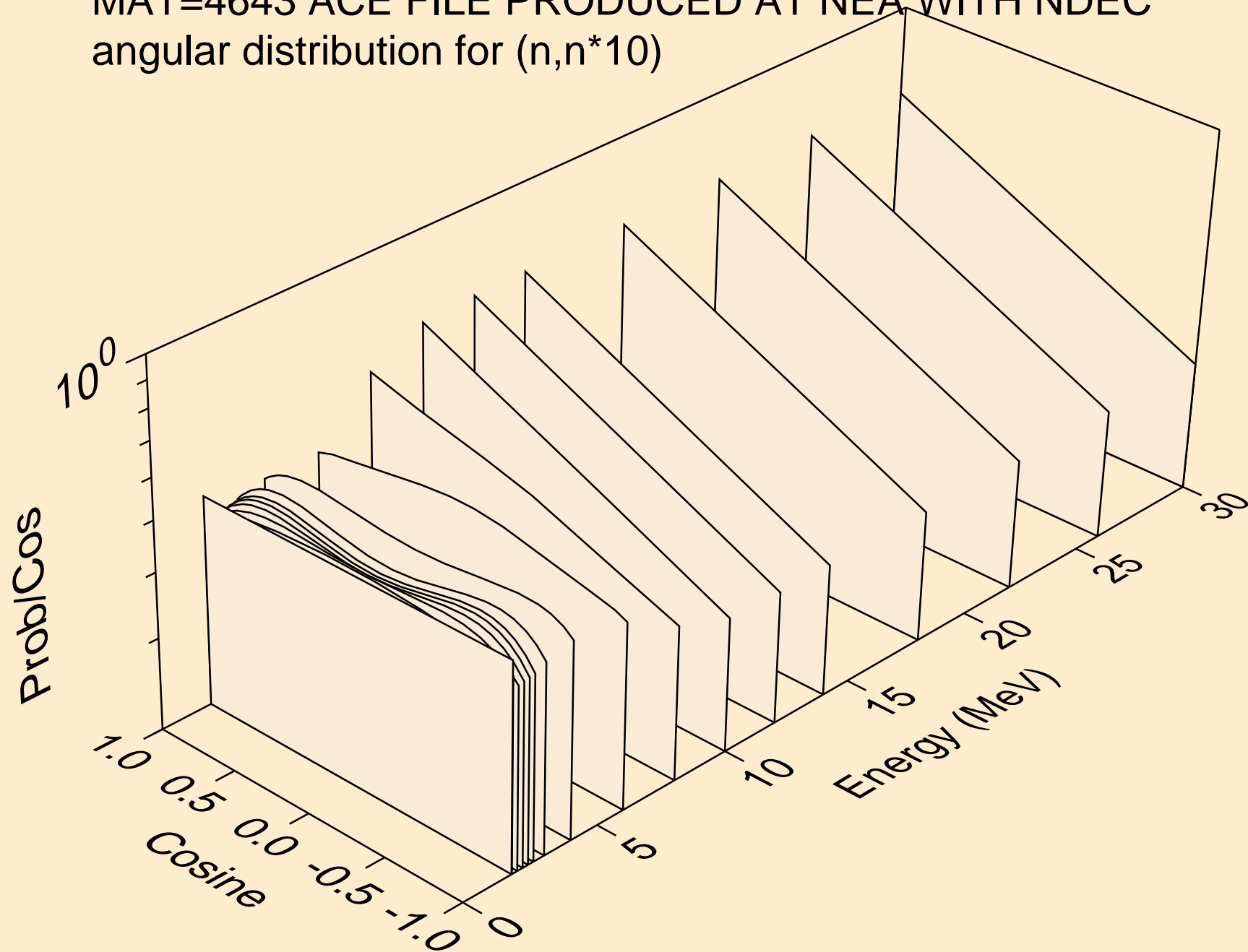
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angular distribution for (n,n\*8)



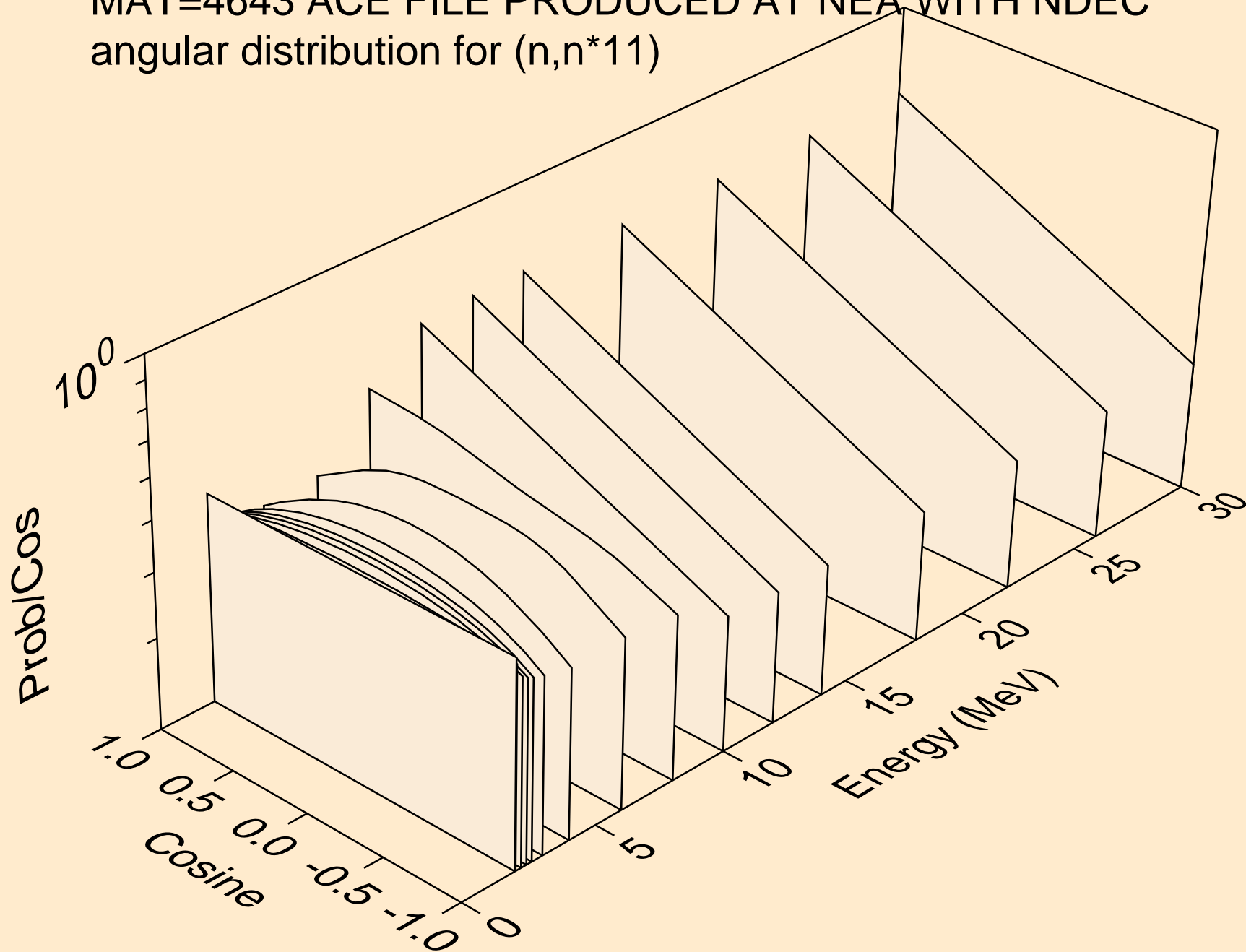
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angular distribution for (n,n\*9)



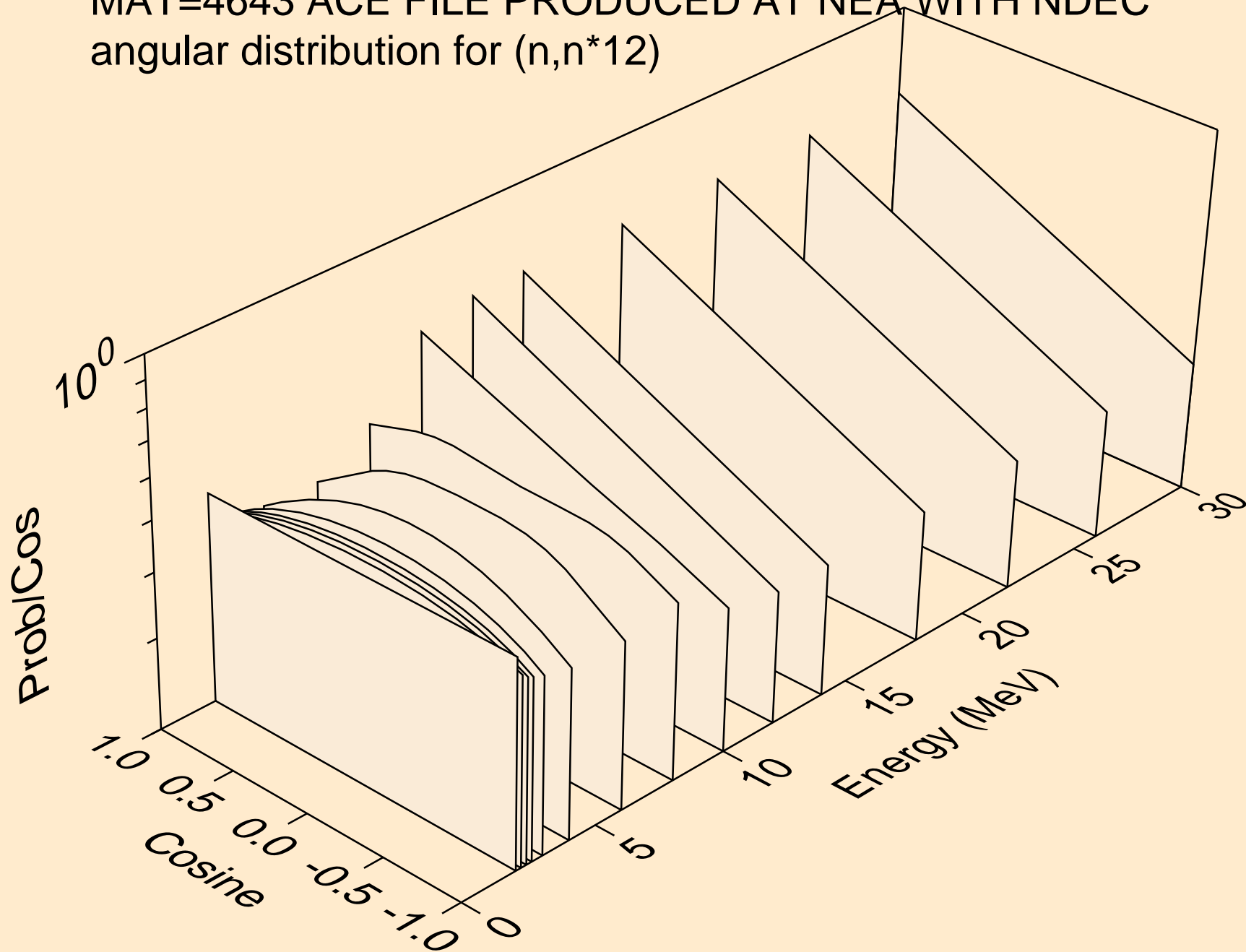
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angular distribution for (n,n\*10)



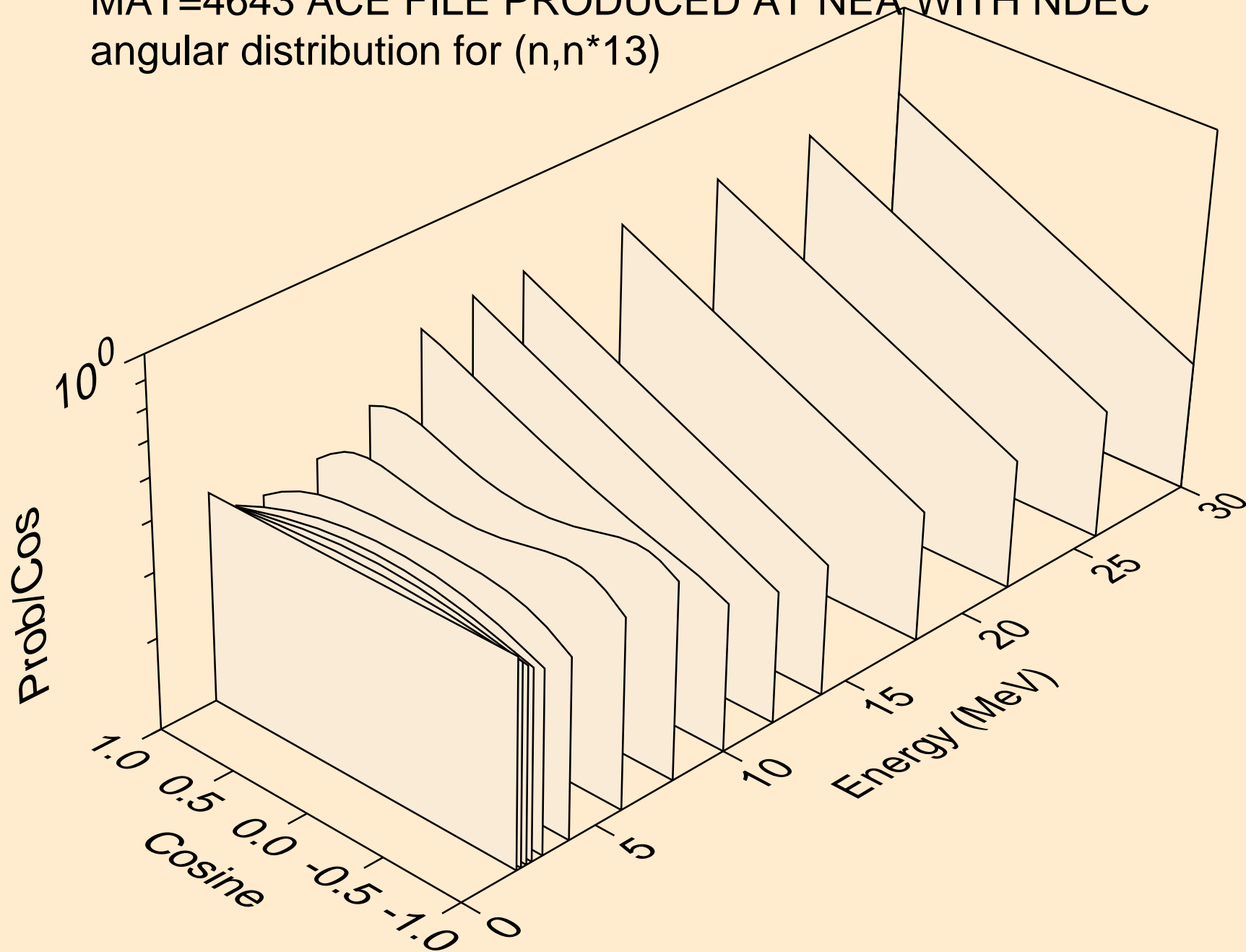
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angular distribution for (n,n\*11)



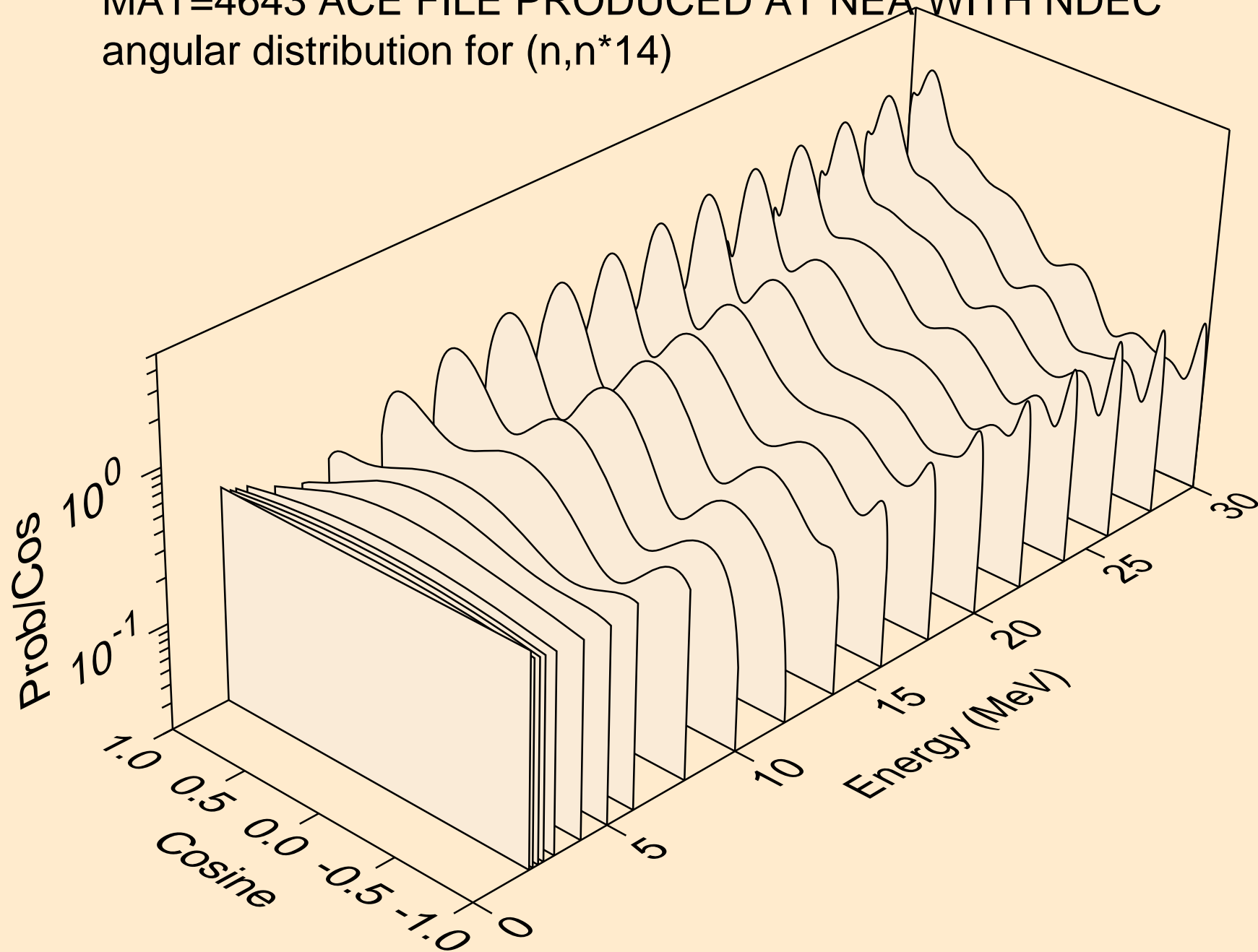
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angular distribution for (n,n\*12)



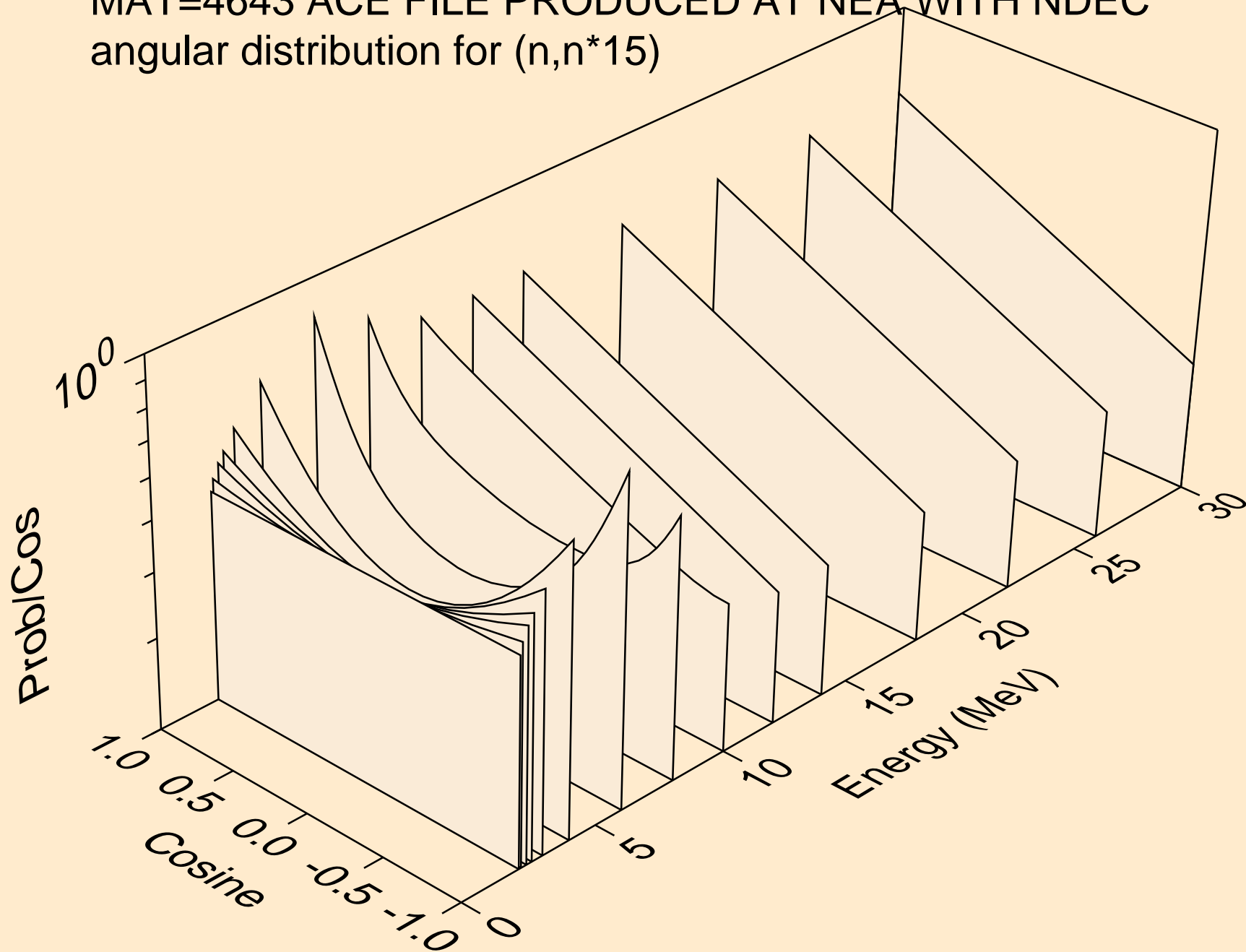
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angular distribution for (n,n\*13)



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*14)

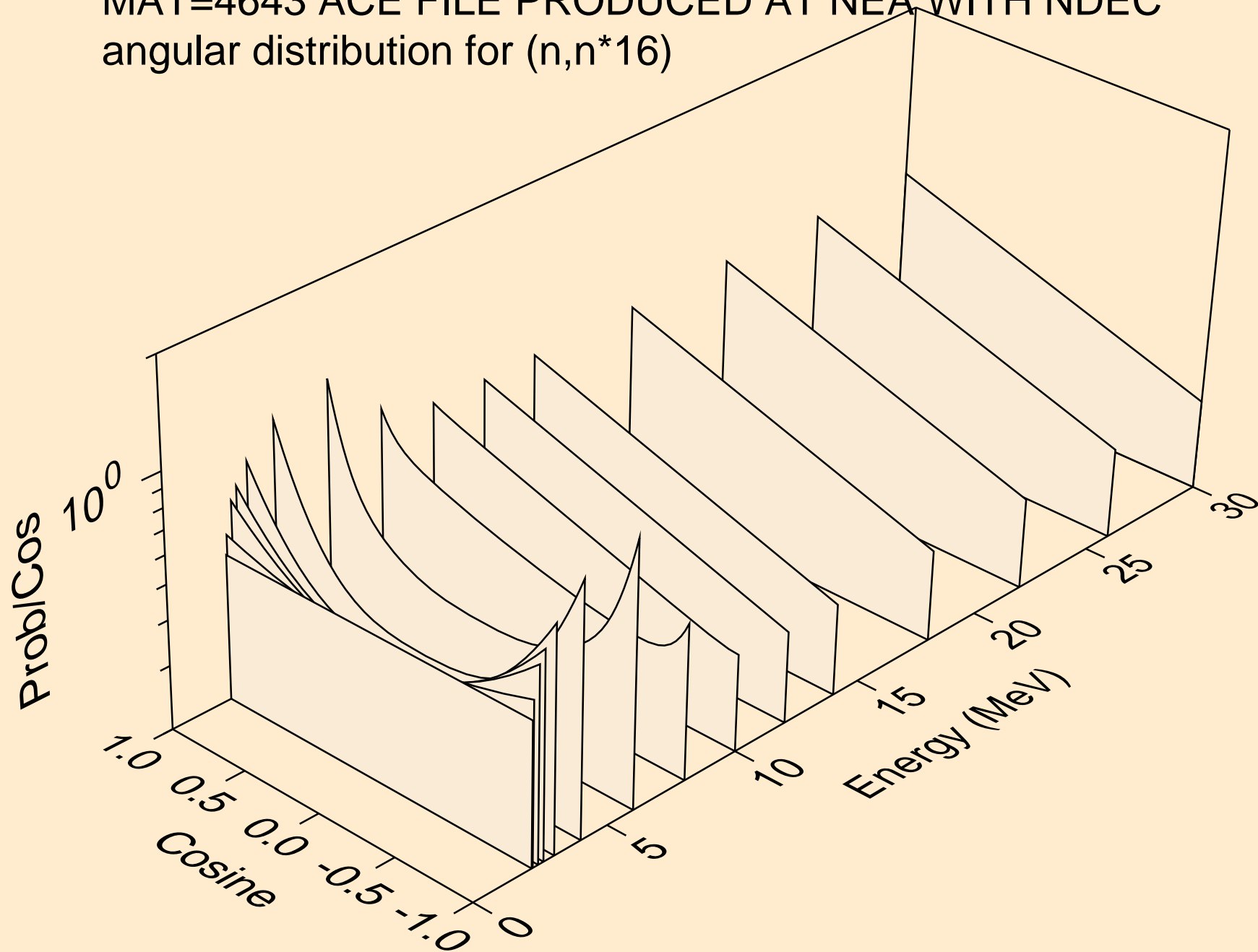


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angular distribution for (n,n\*15)

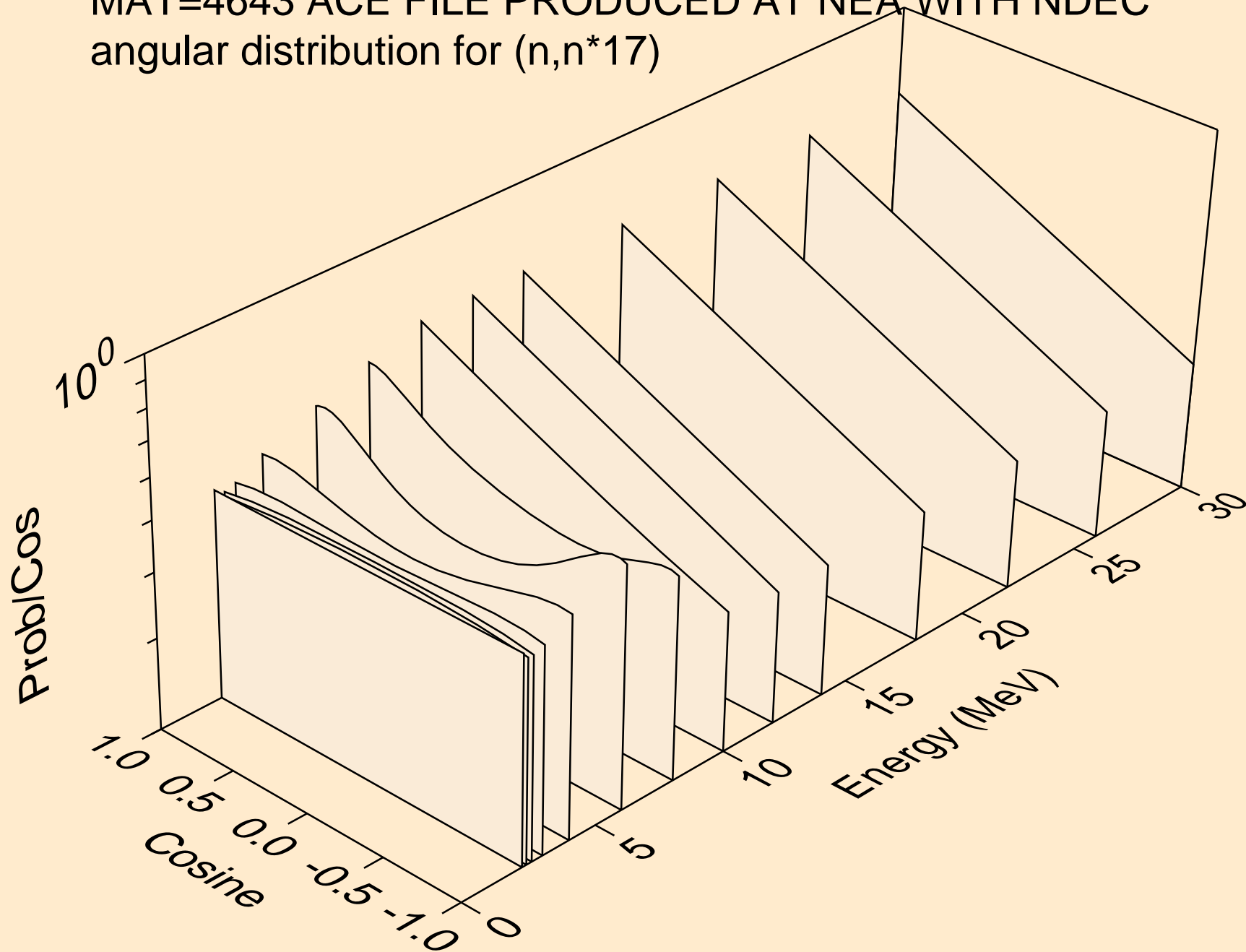




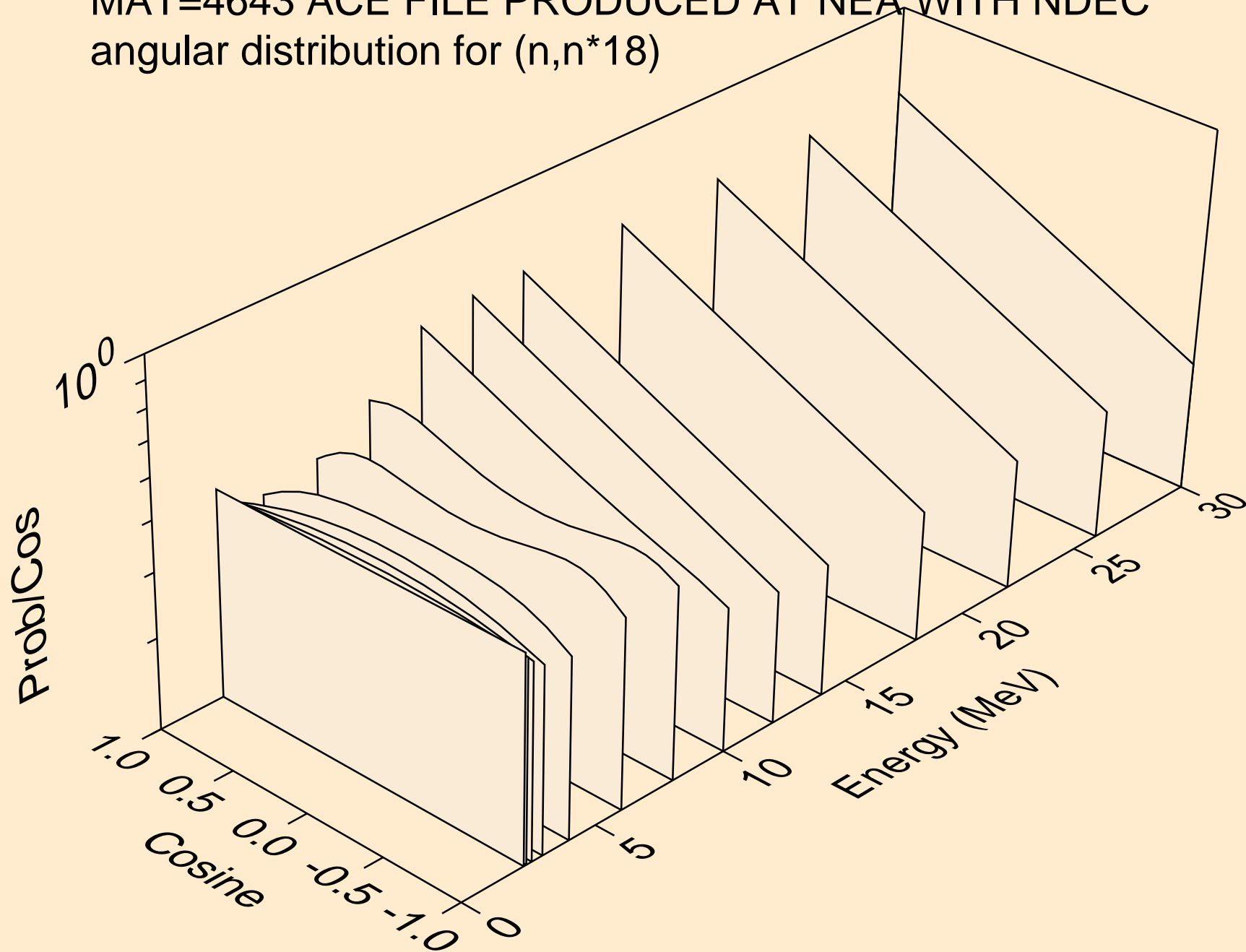
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angular distribution for (n,n\*16)



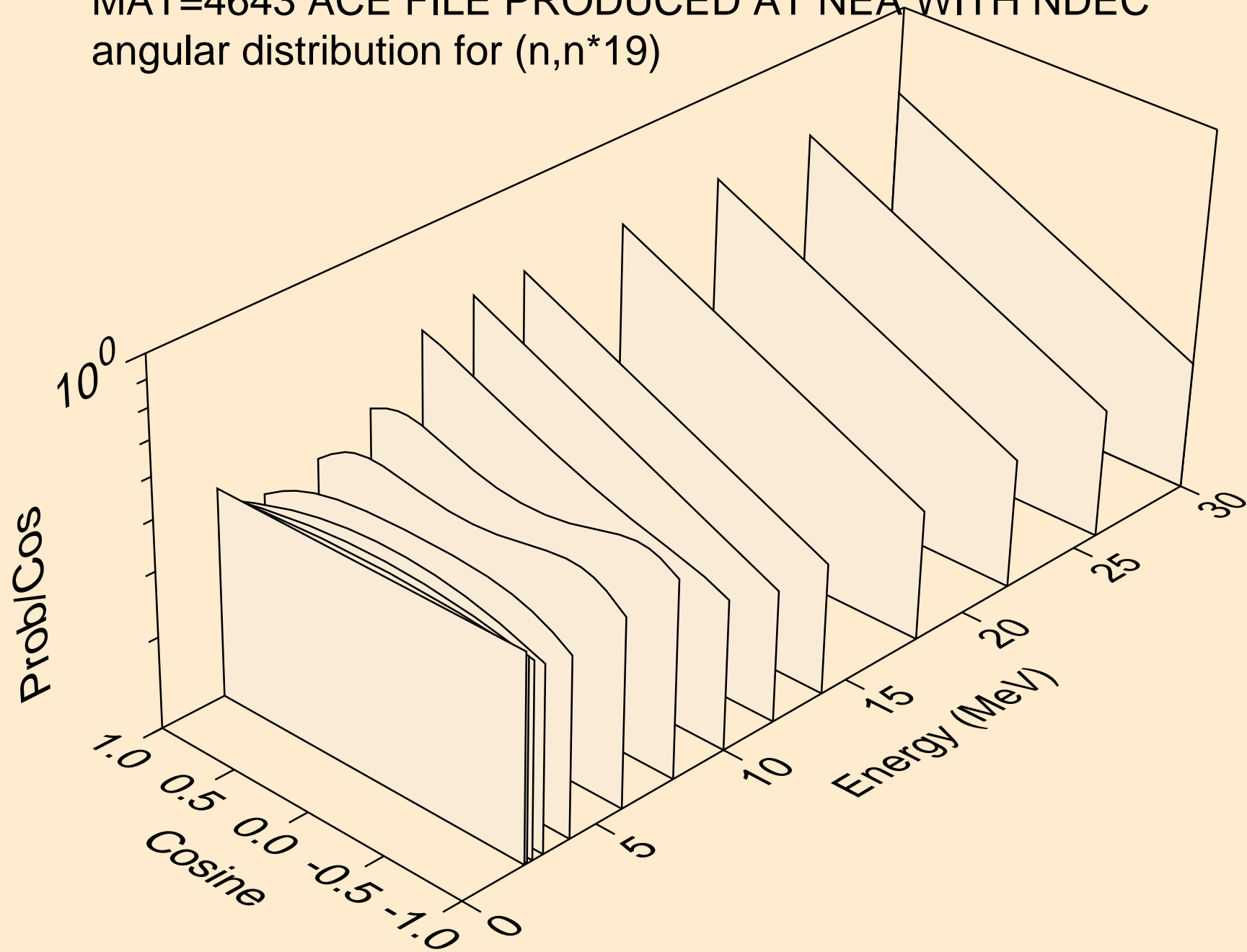
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angular distribution for (n,n\*17)



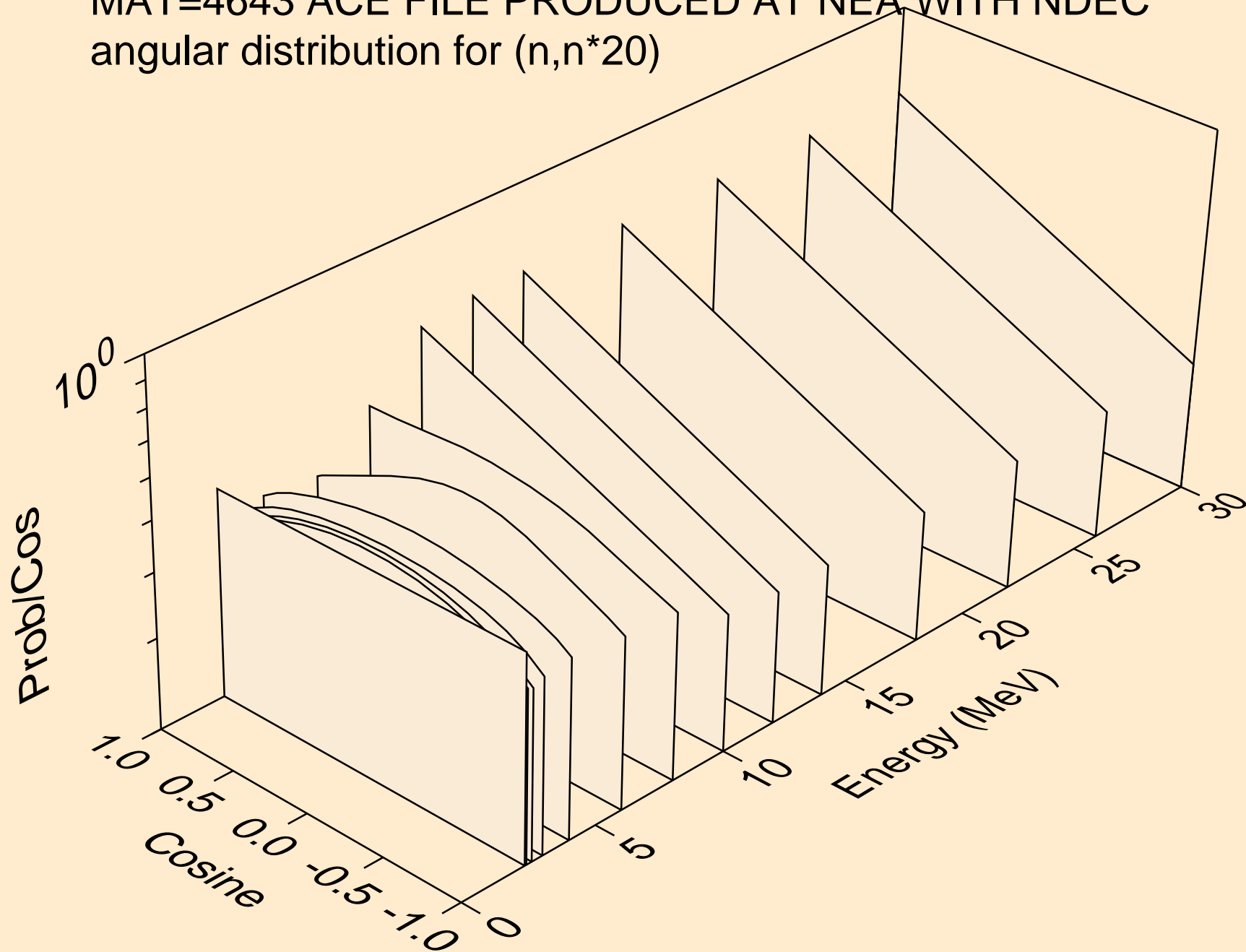
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angular distribution for (n,n\*18)



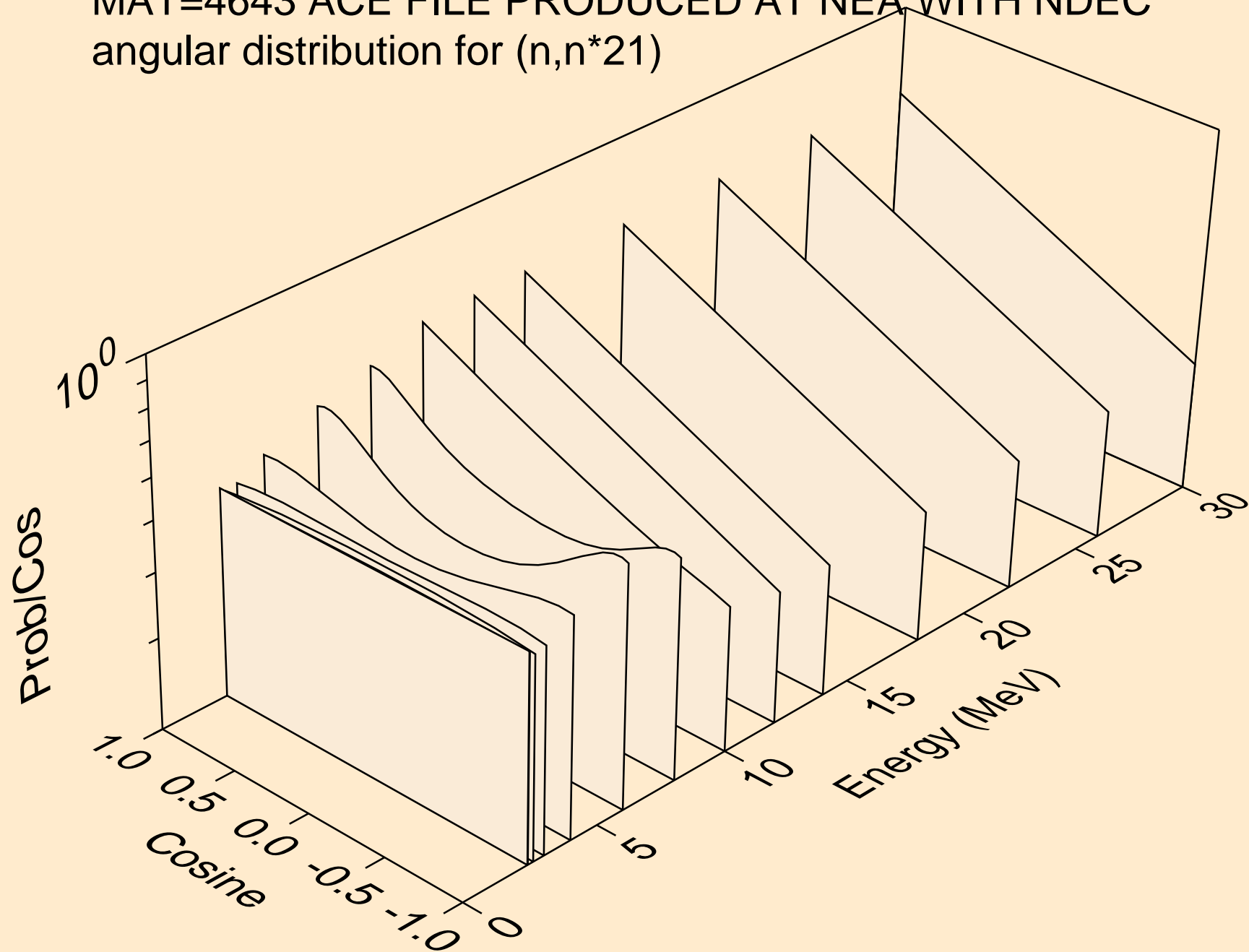
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angular distribution for (n,n\*19)



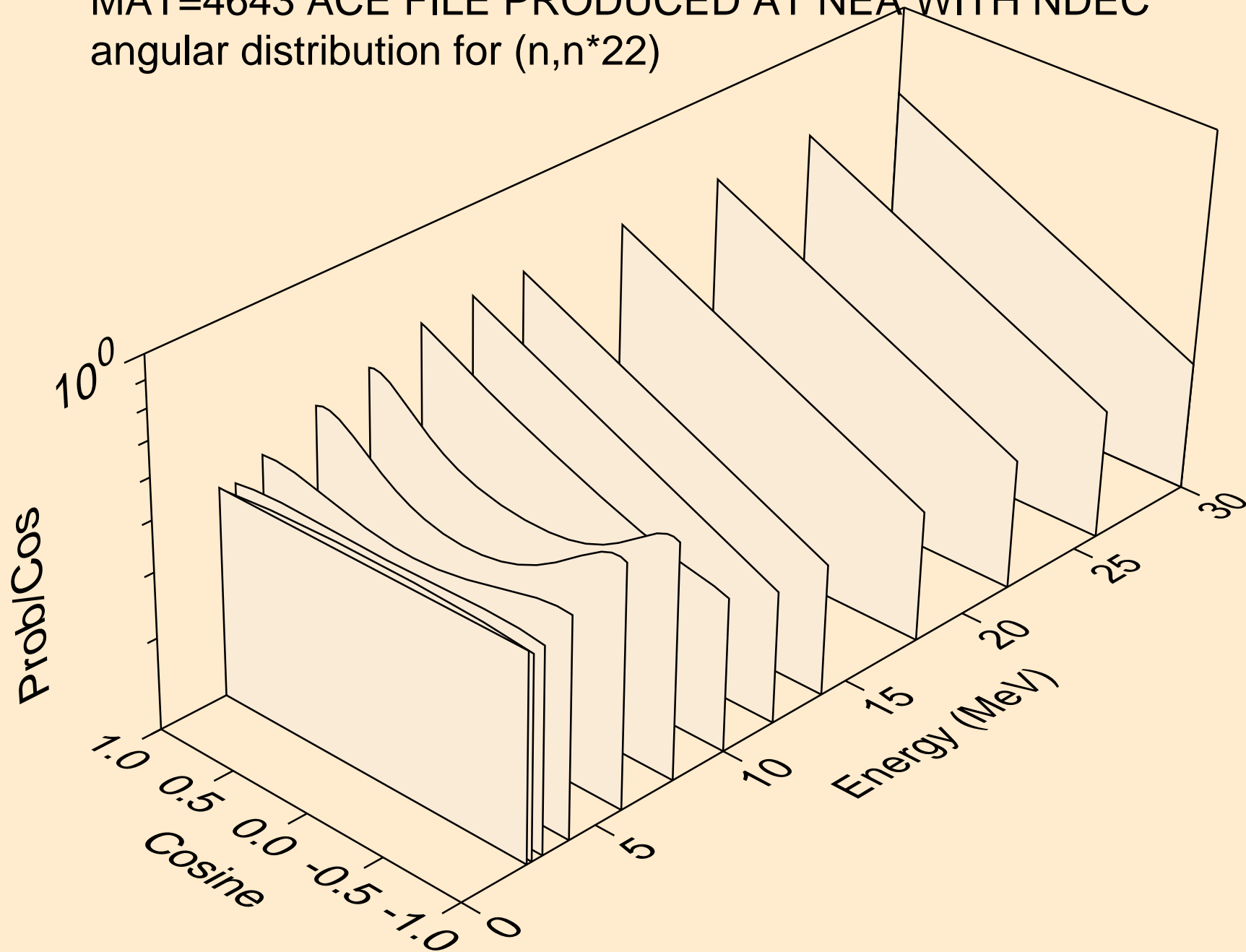
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angular distribution for (n,n\*20)



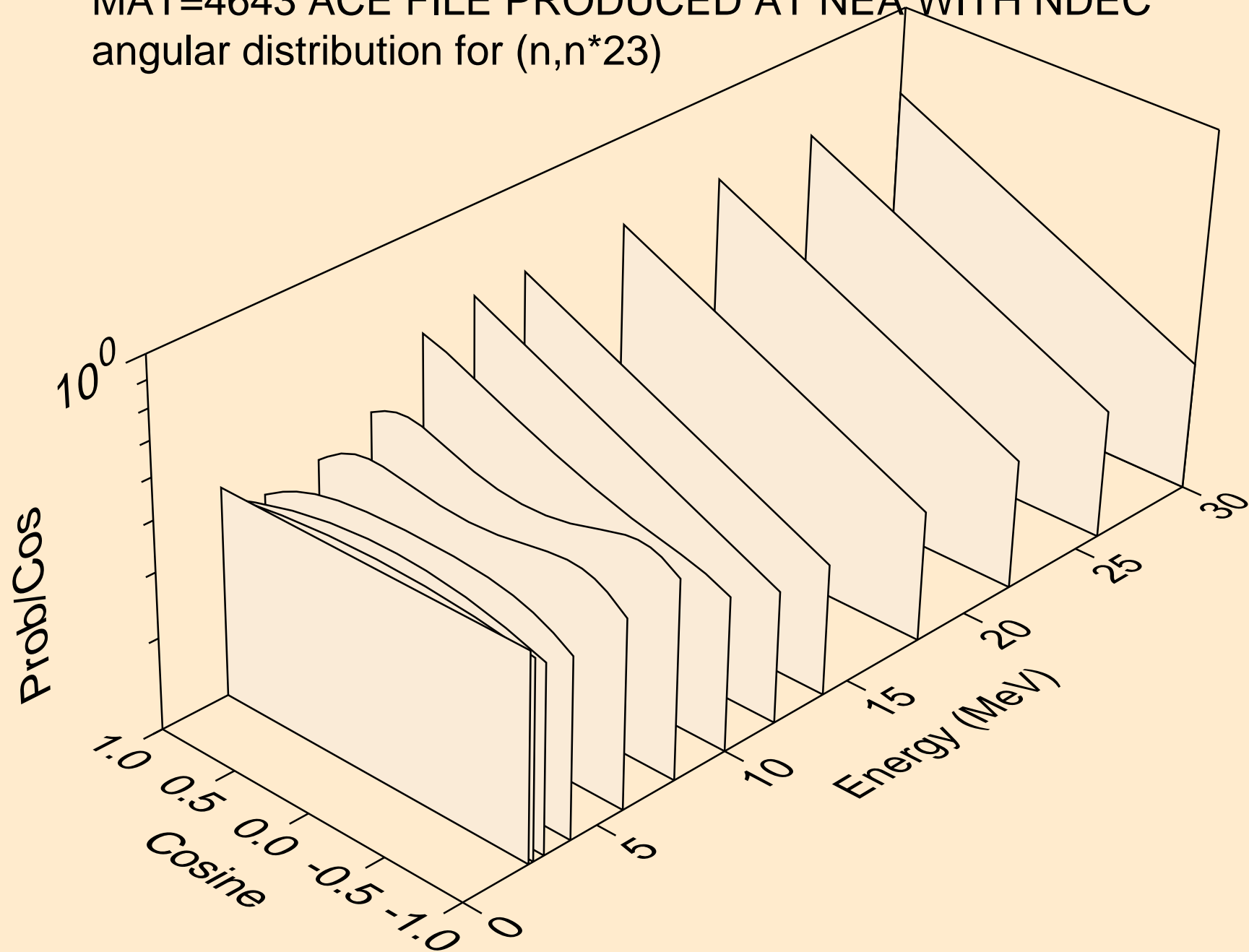
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angular distribution for (n,n\*21)



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*22)

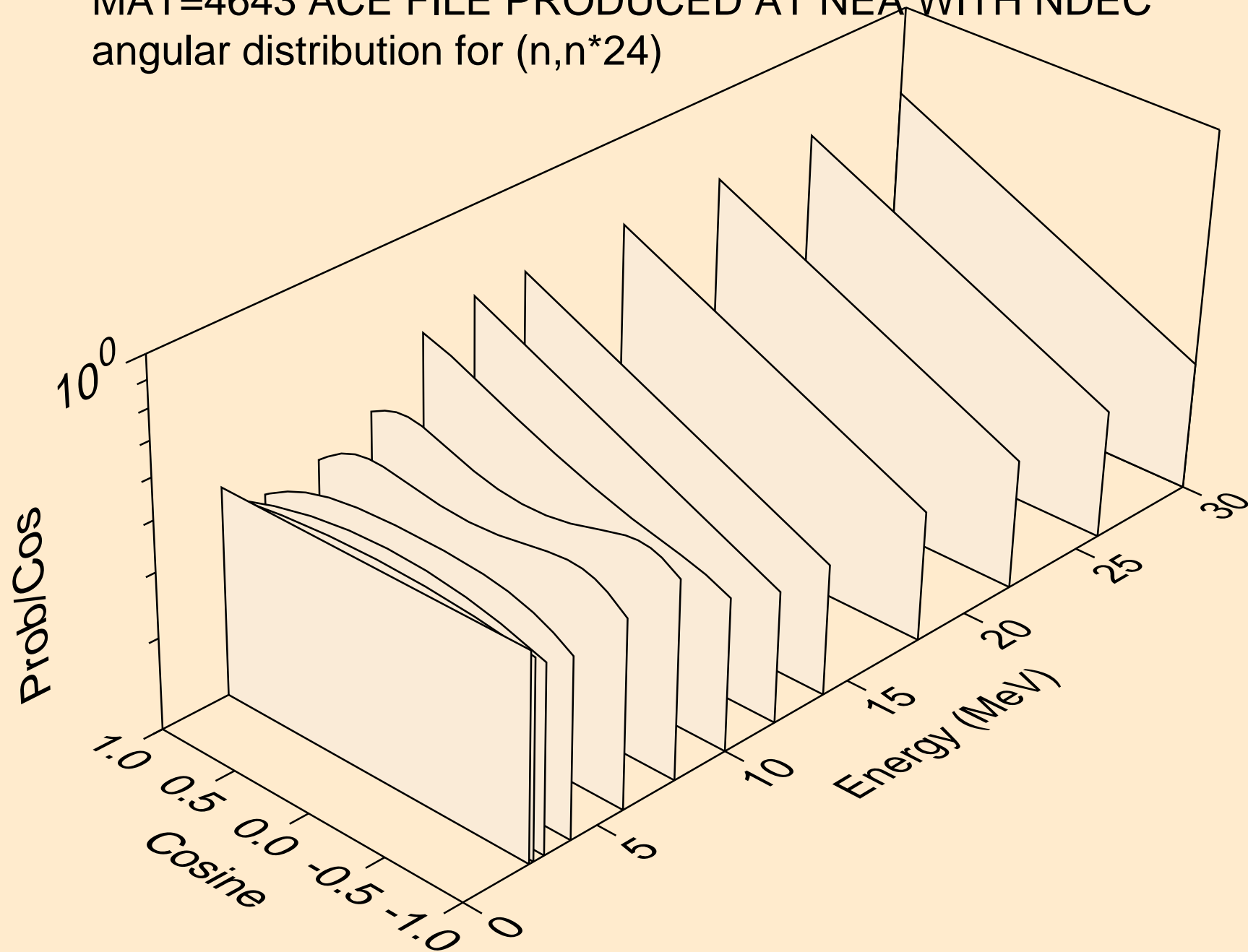


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angular distribution for (n,n\*23)

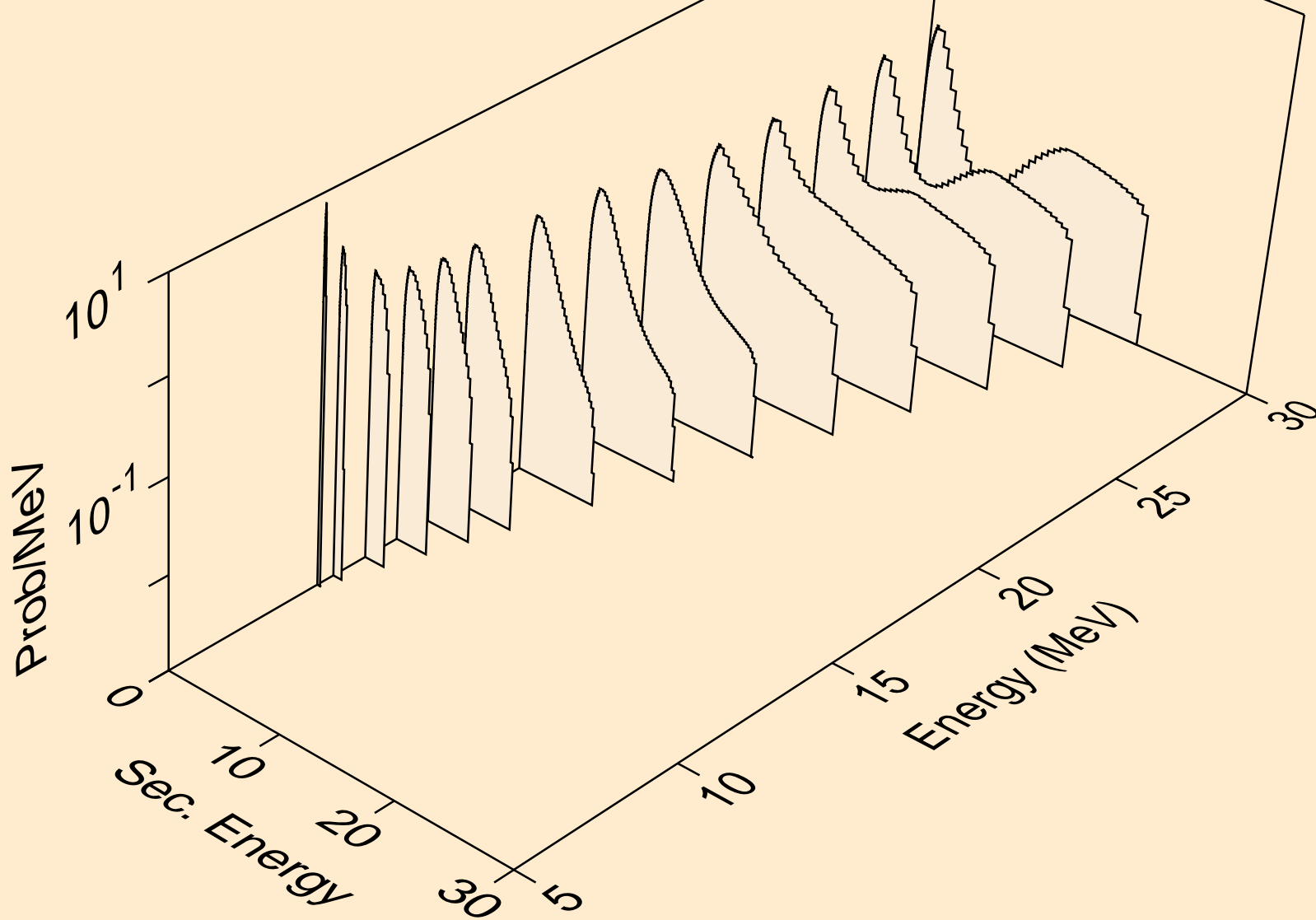




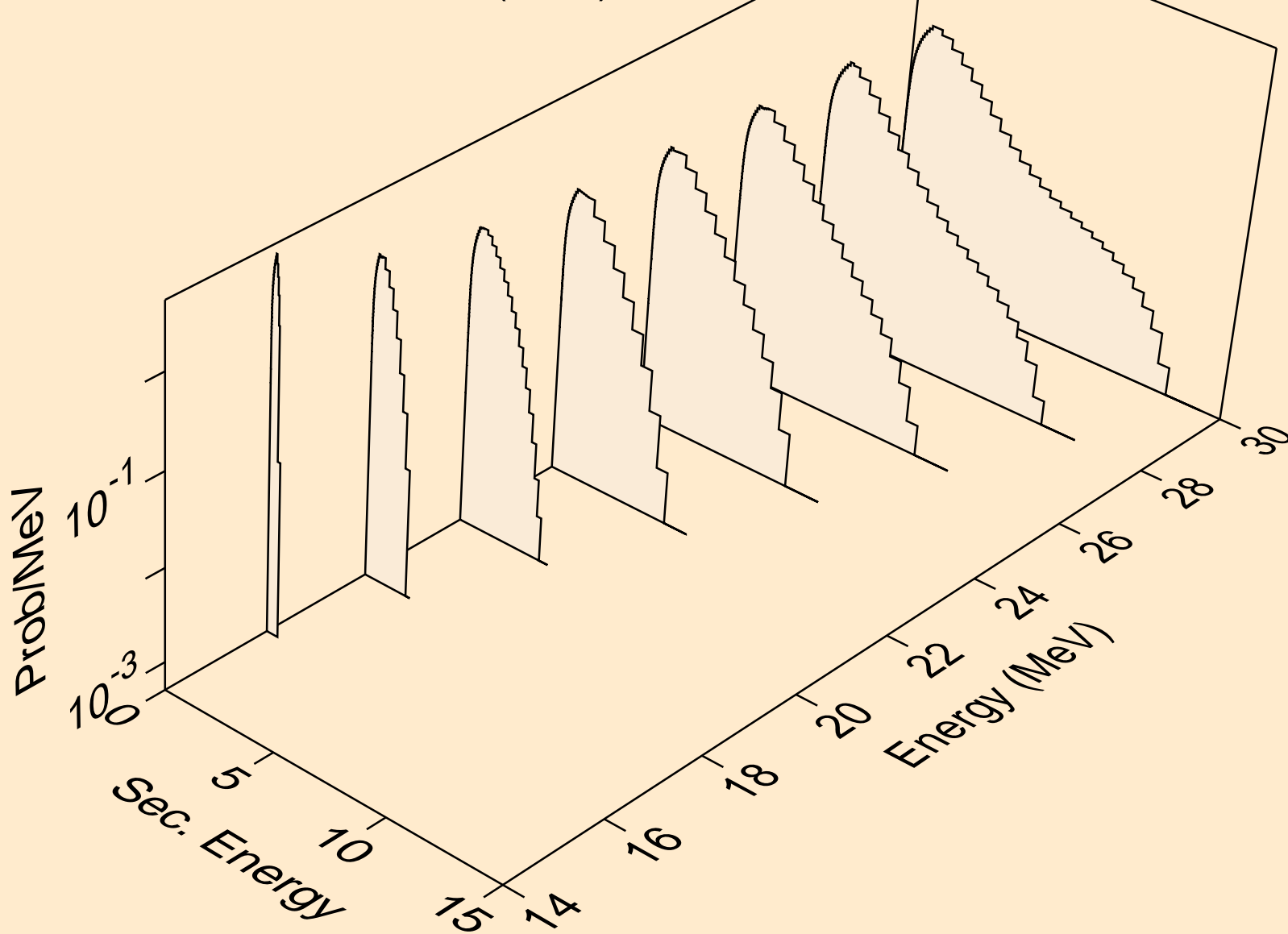
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angular distribution for (n,n\*24)



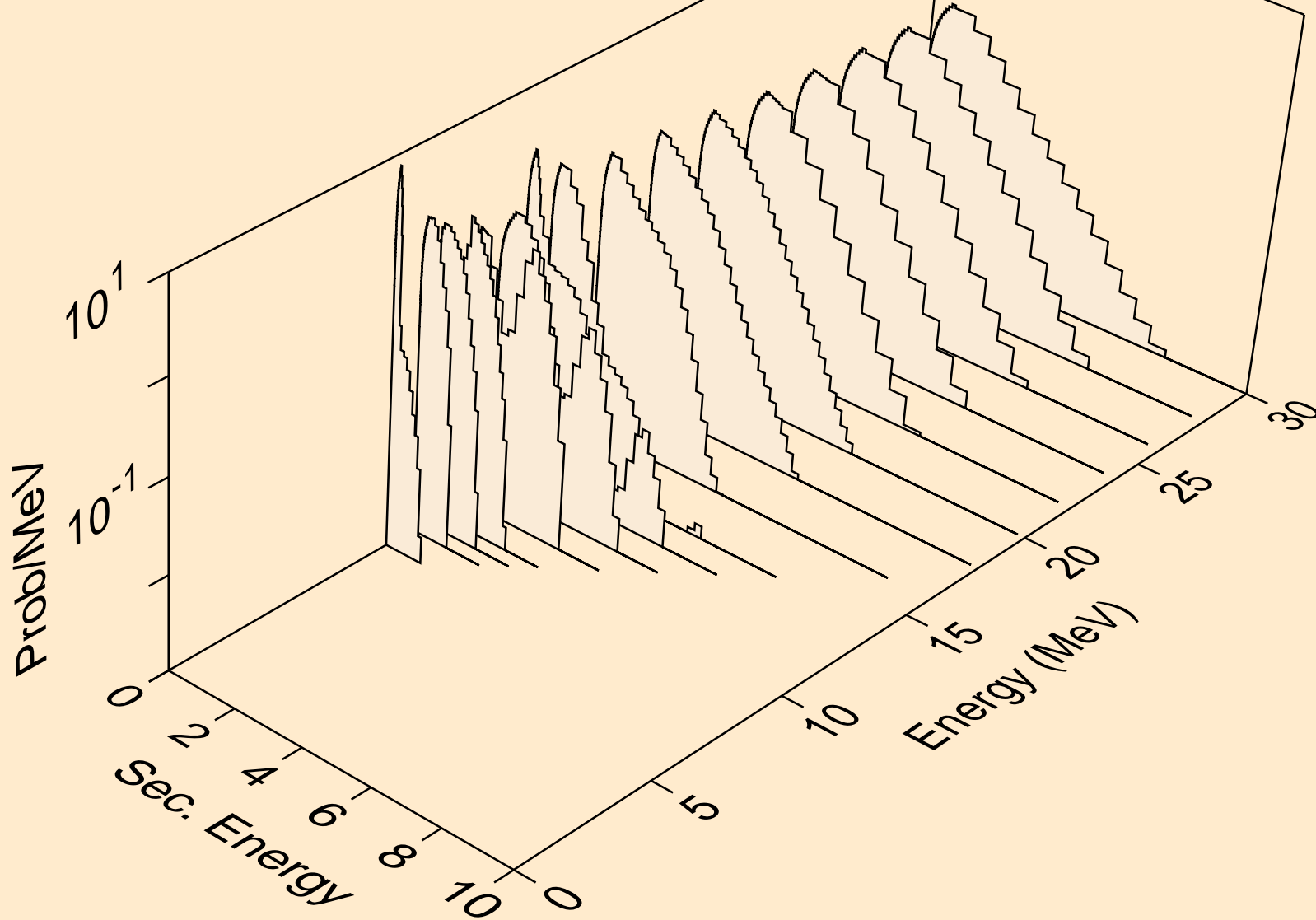
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2n)



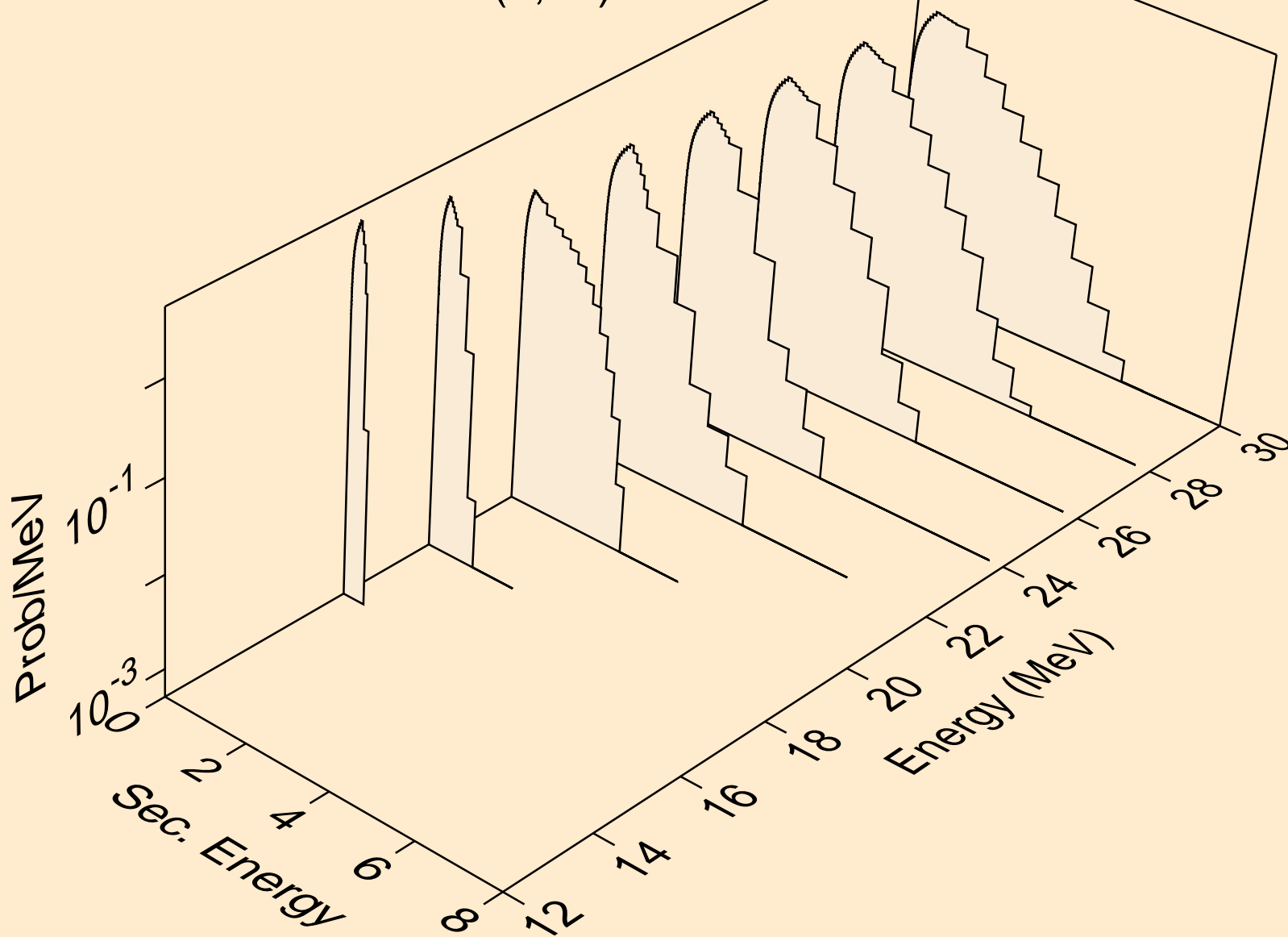
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,3n)



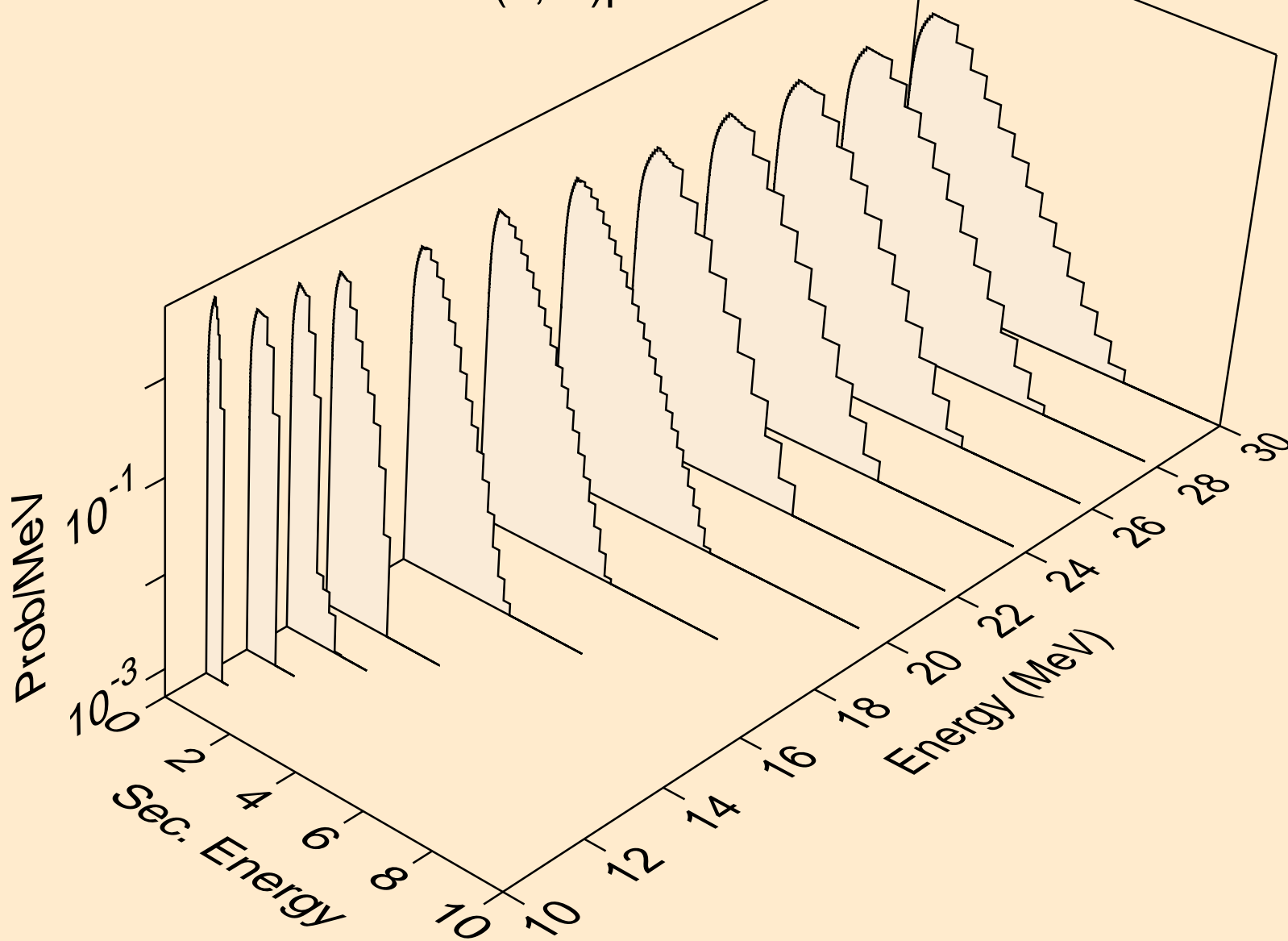
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Neutron emission for (n,n\*)a



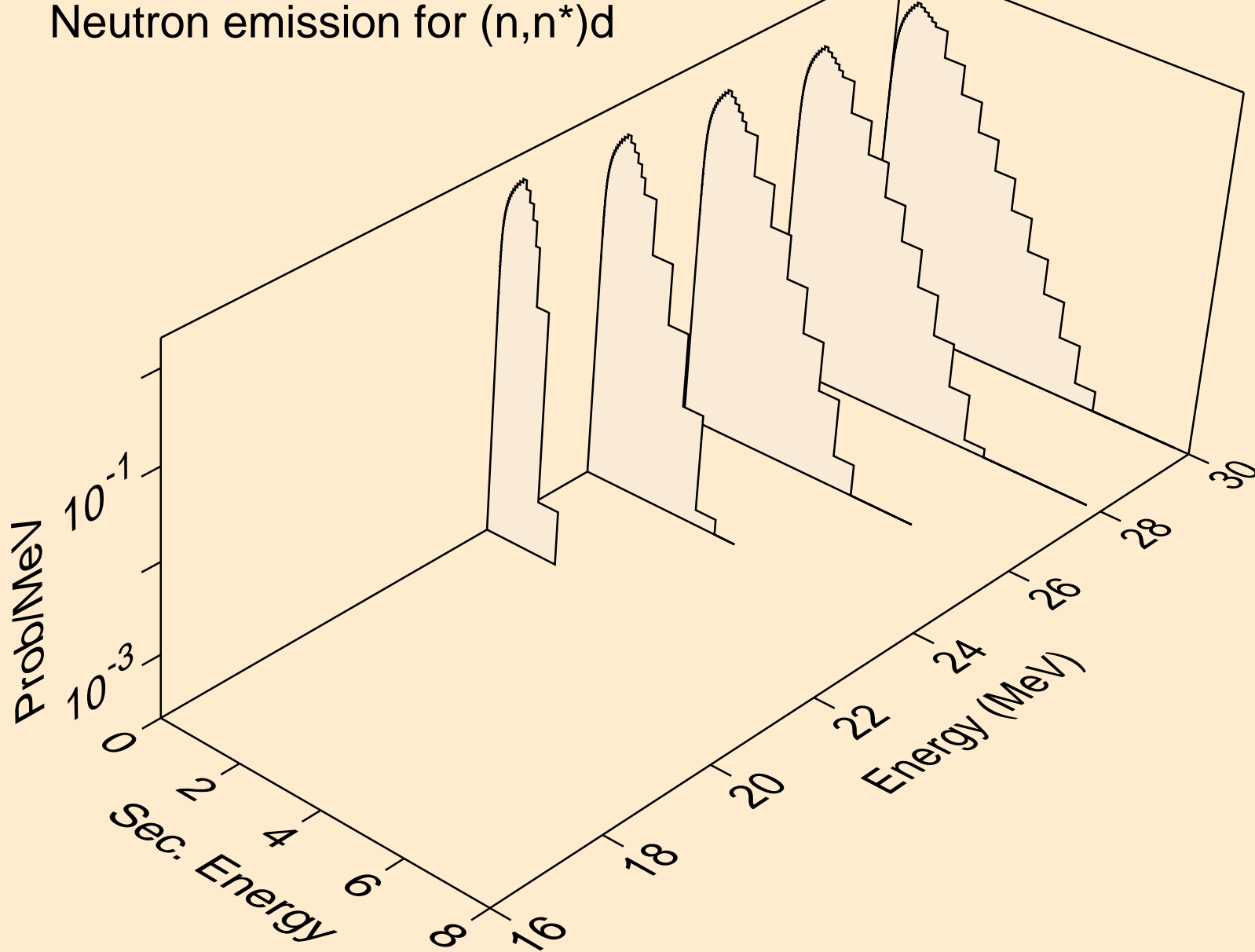
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Neutron emission for (n,2n)a



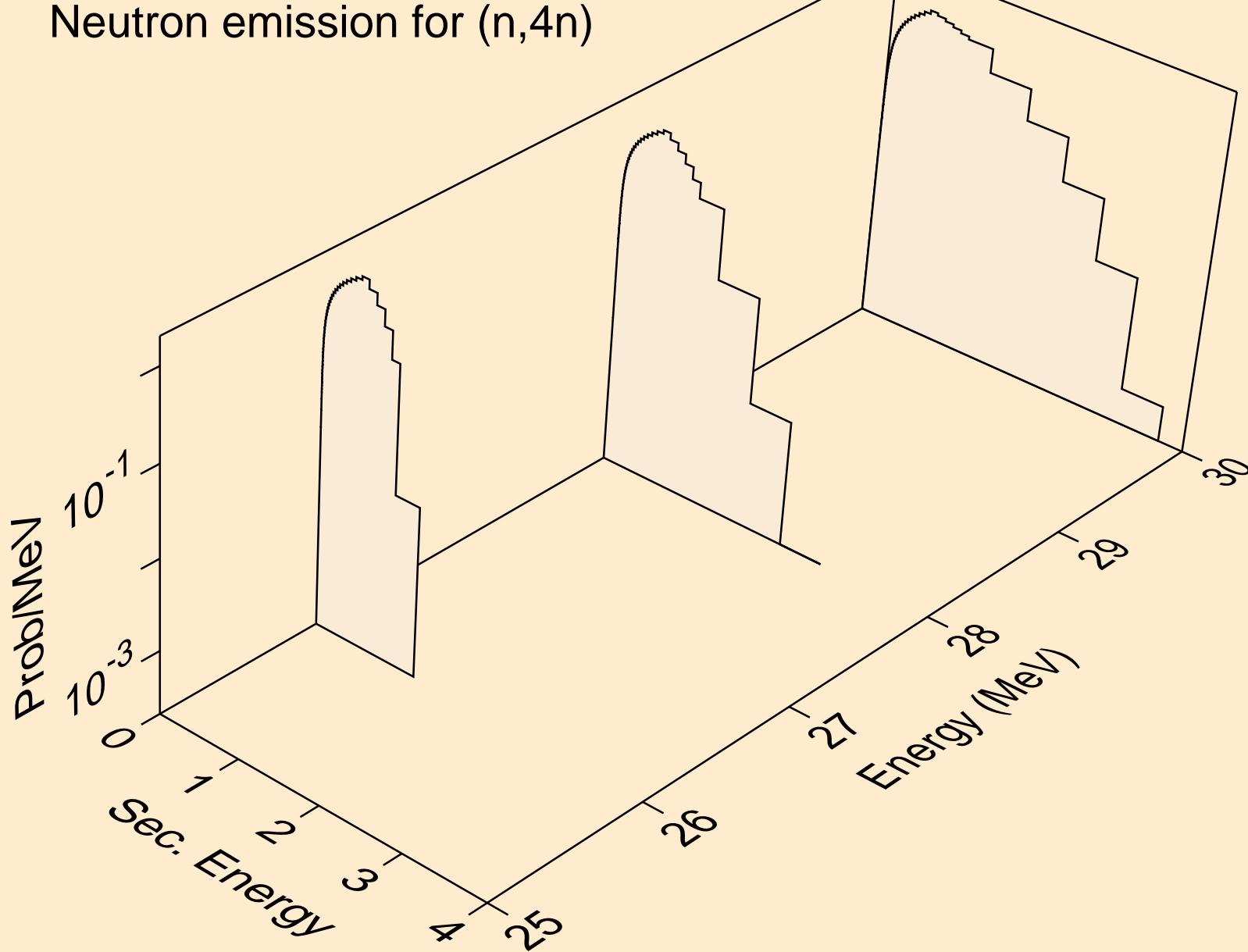
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)p



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)d

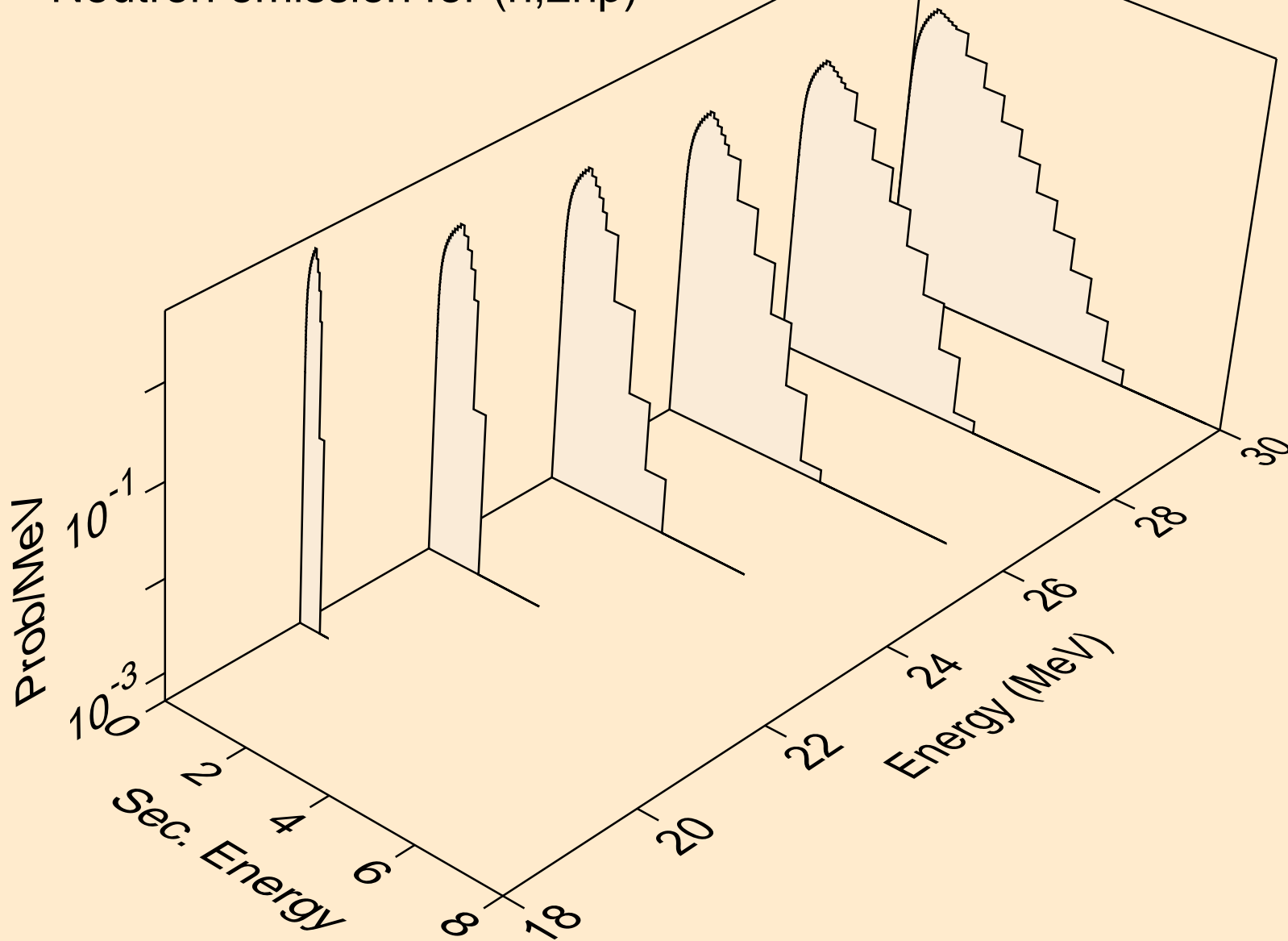


MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,4n)

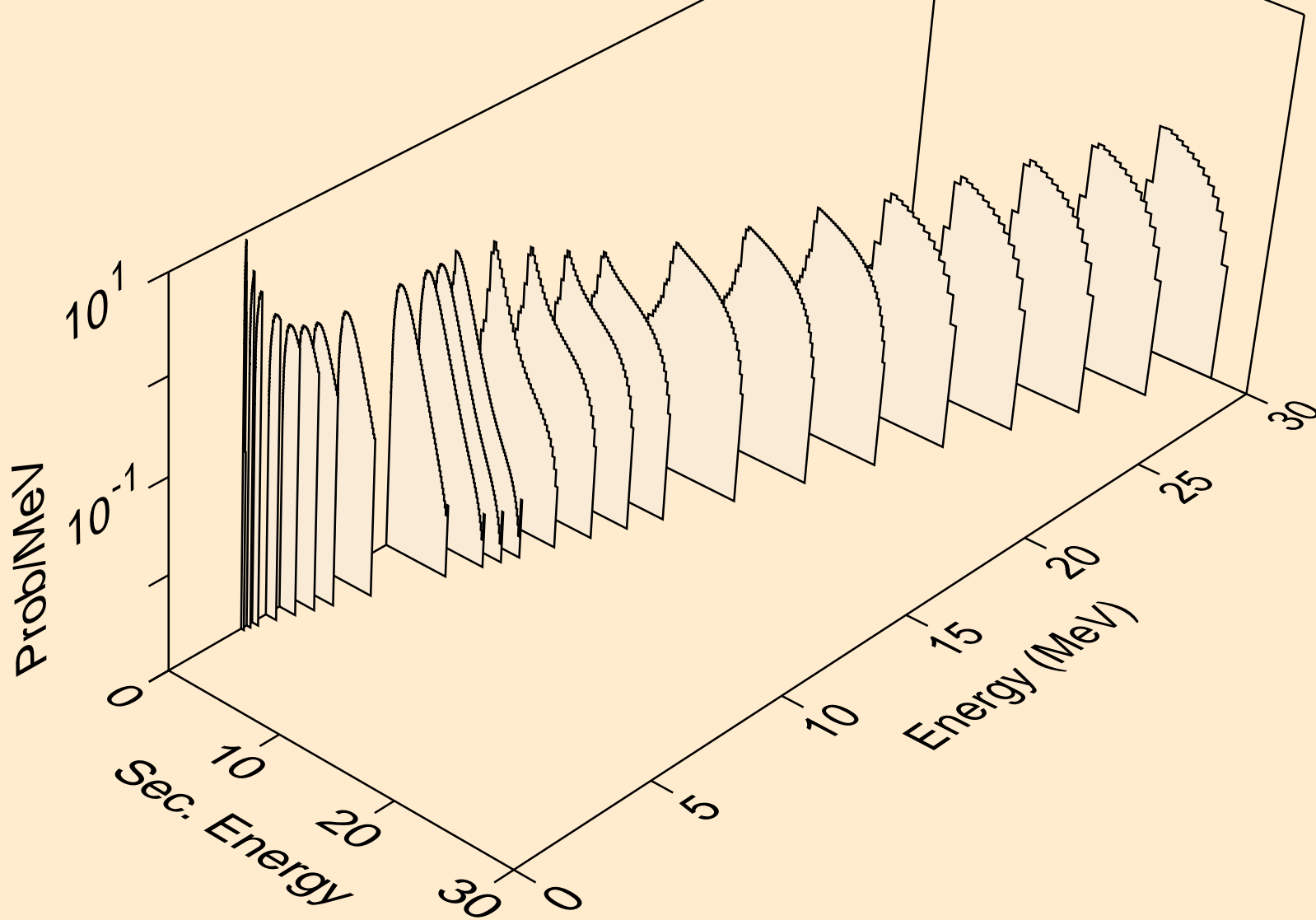




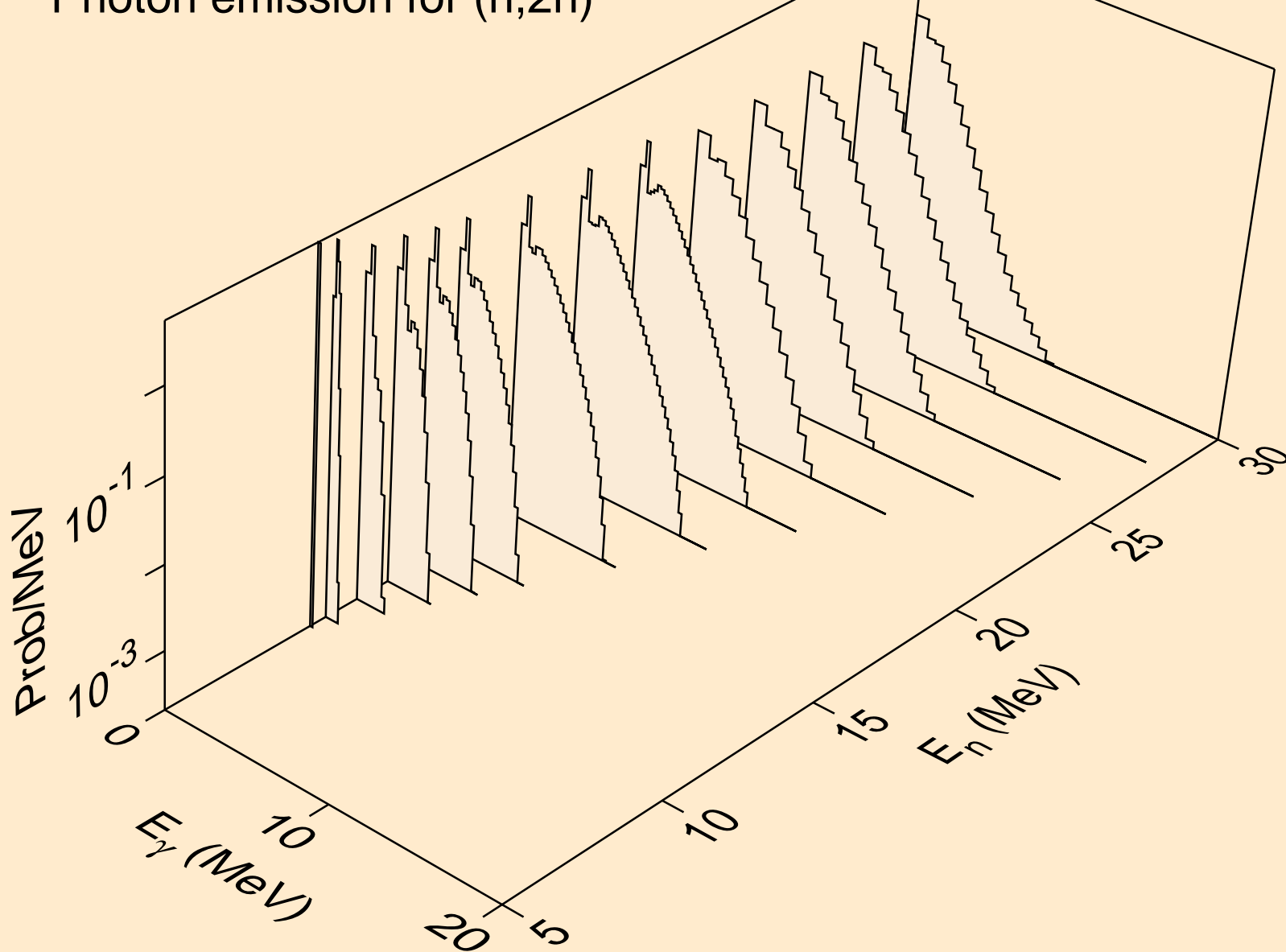
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Neutron emission for (n,2np)



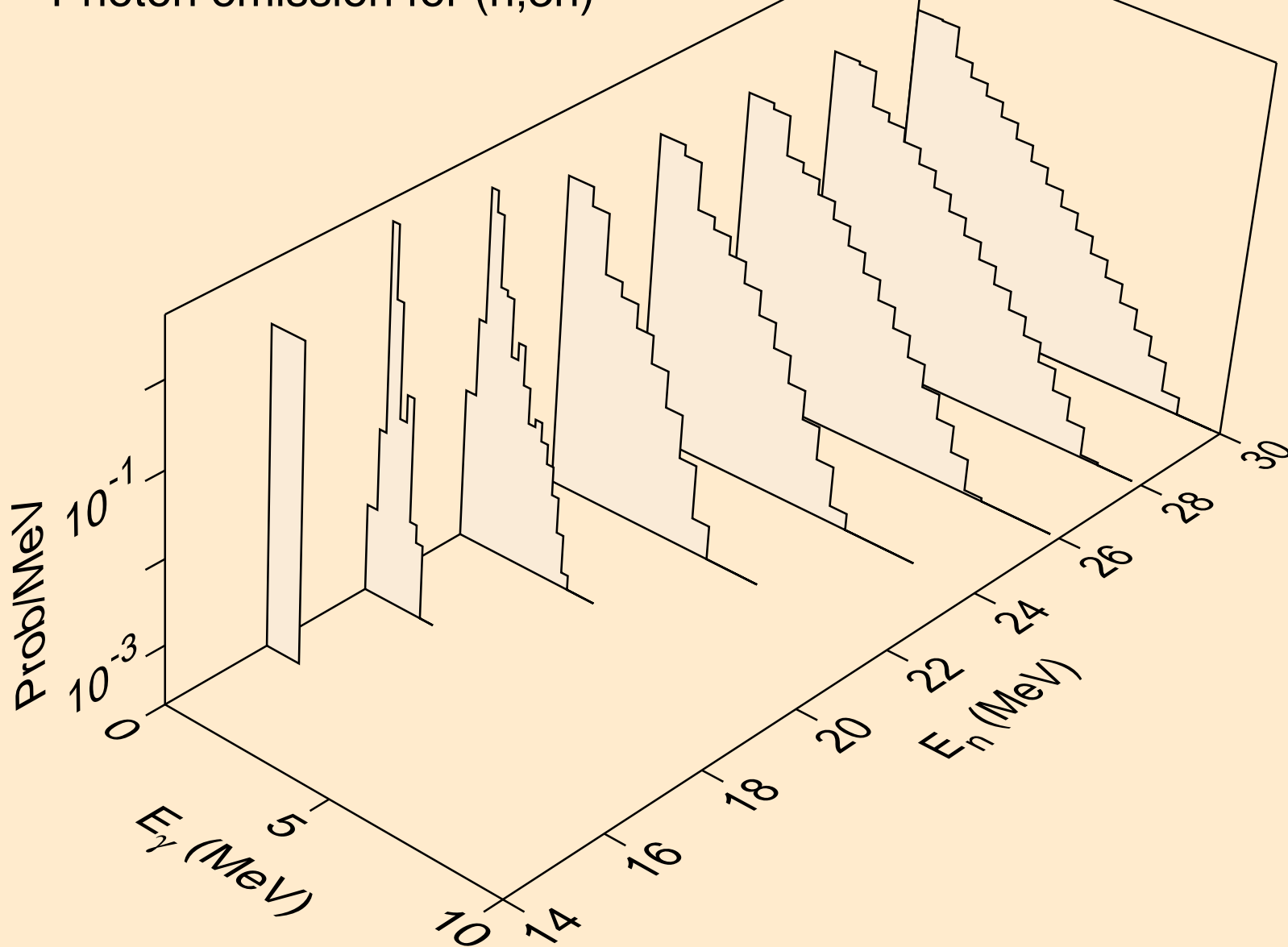
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*c)



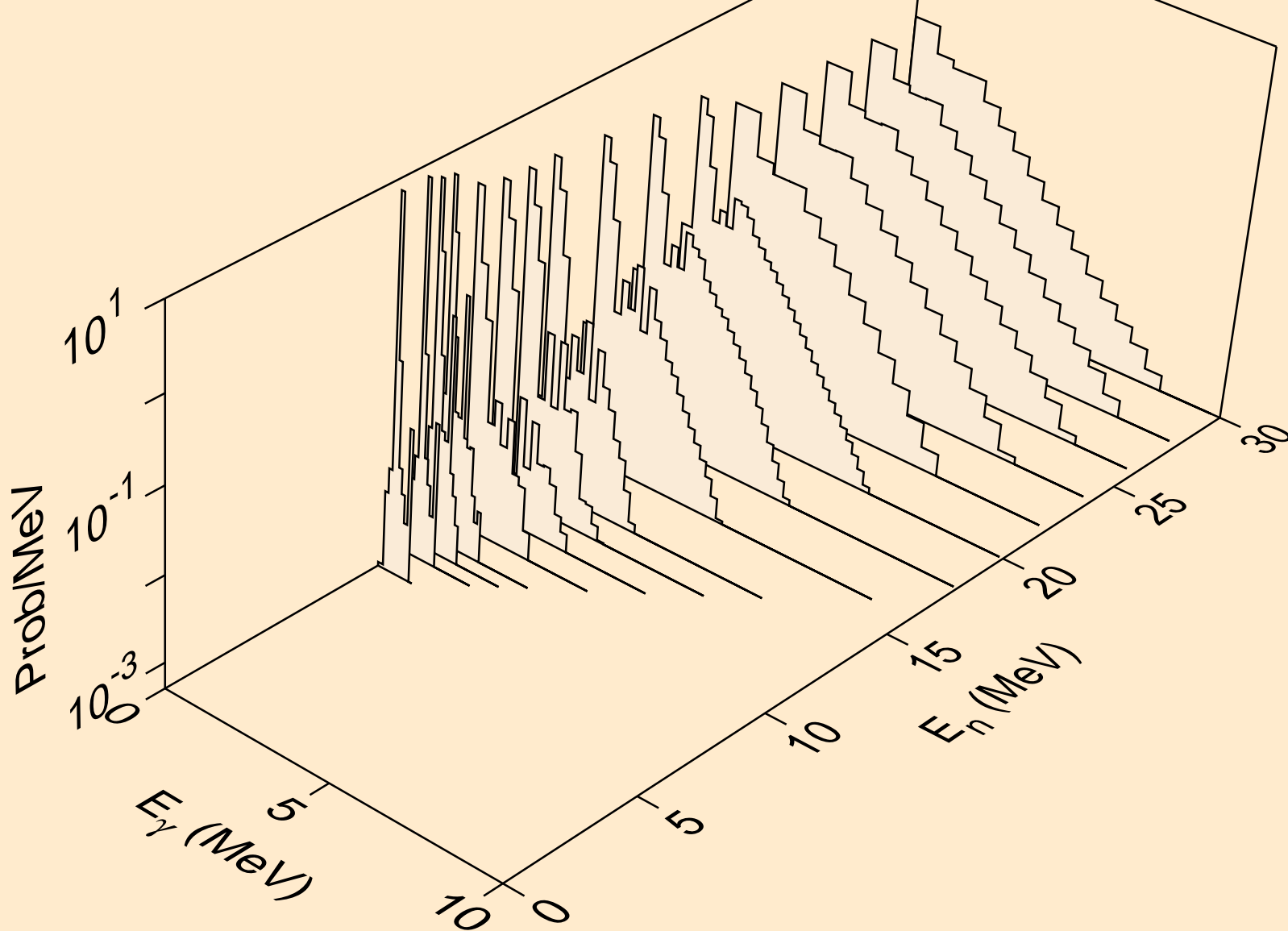
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,2n)



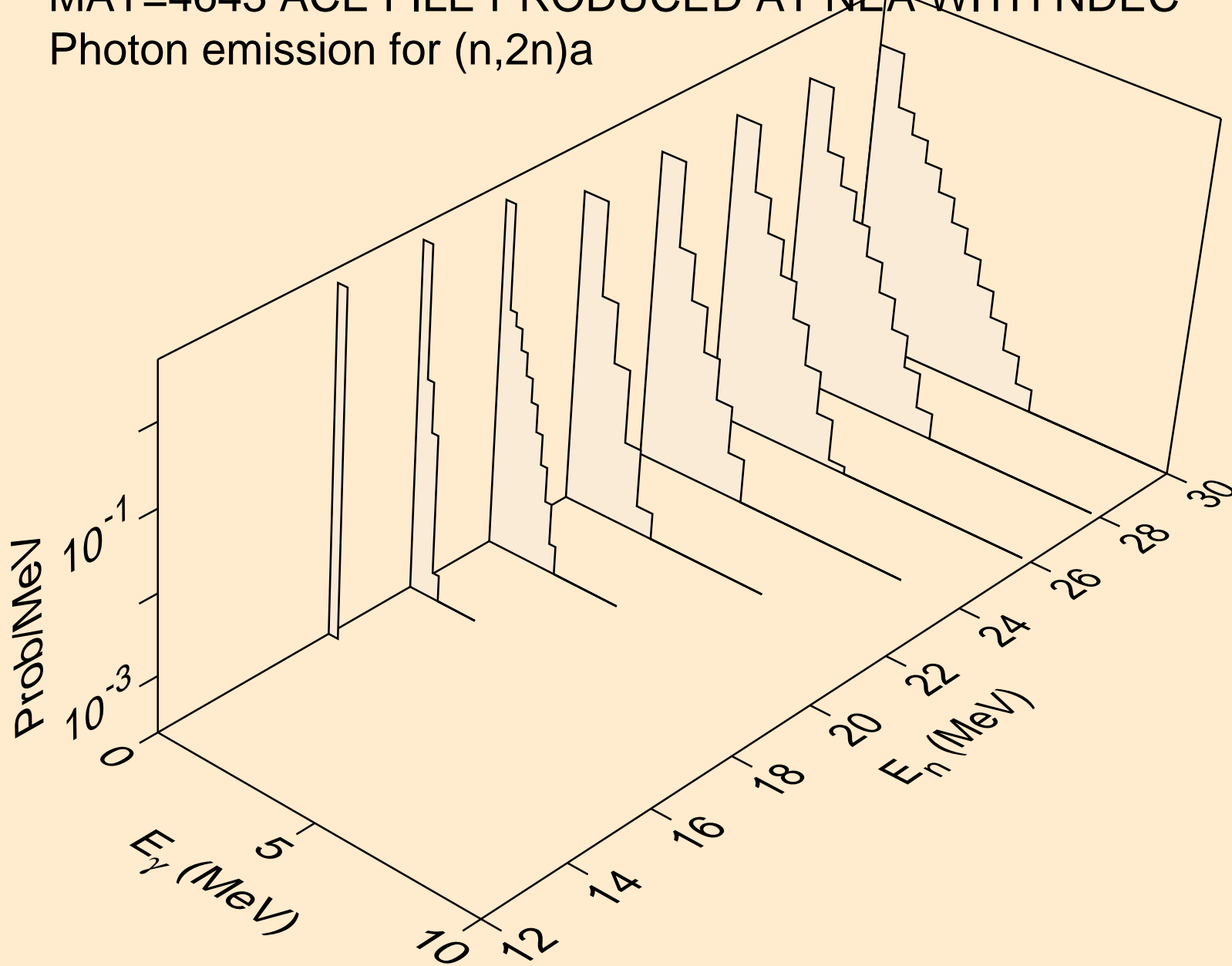
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,3n)



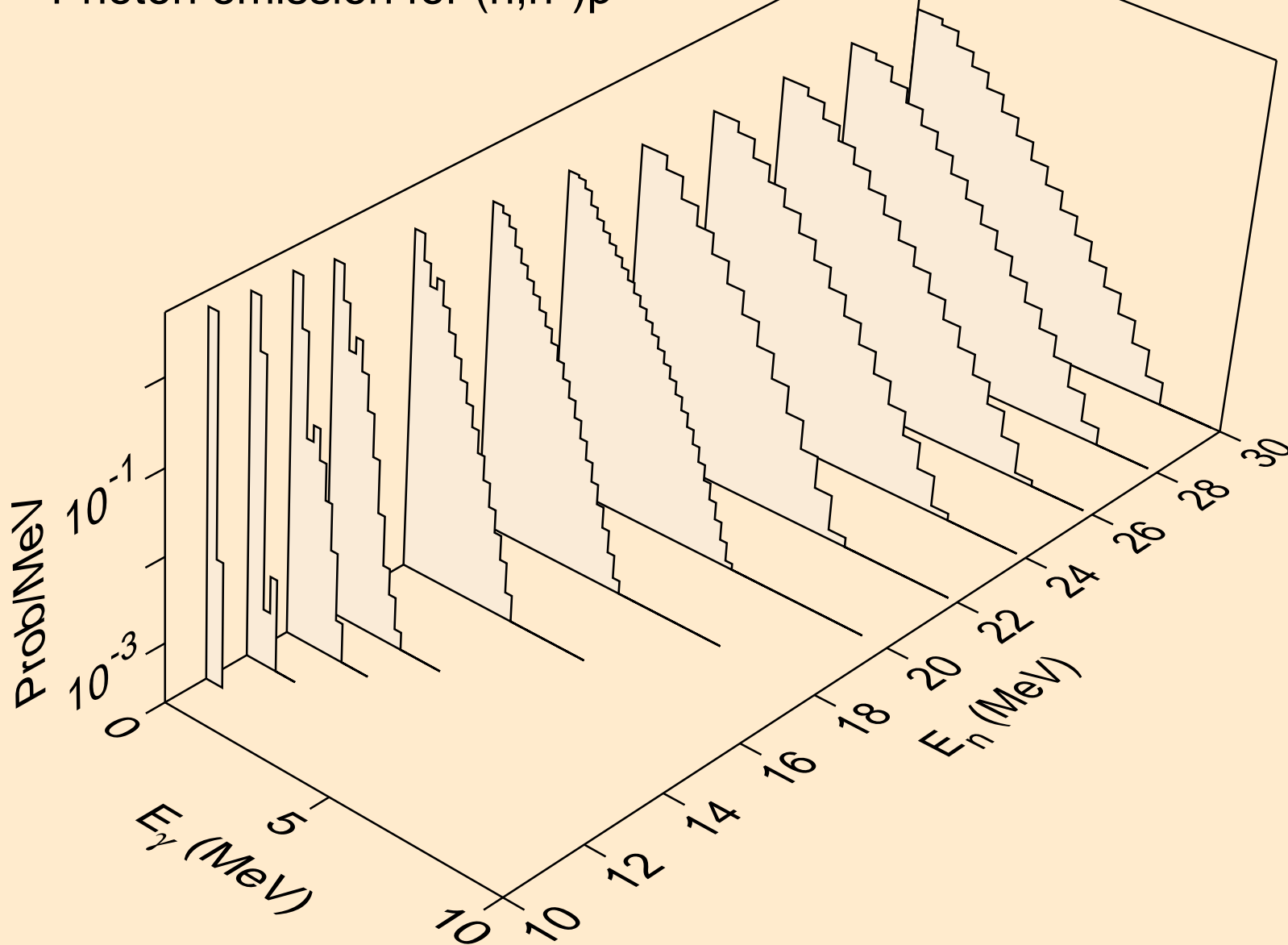
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*)a



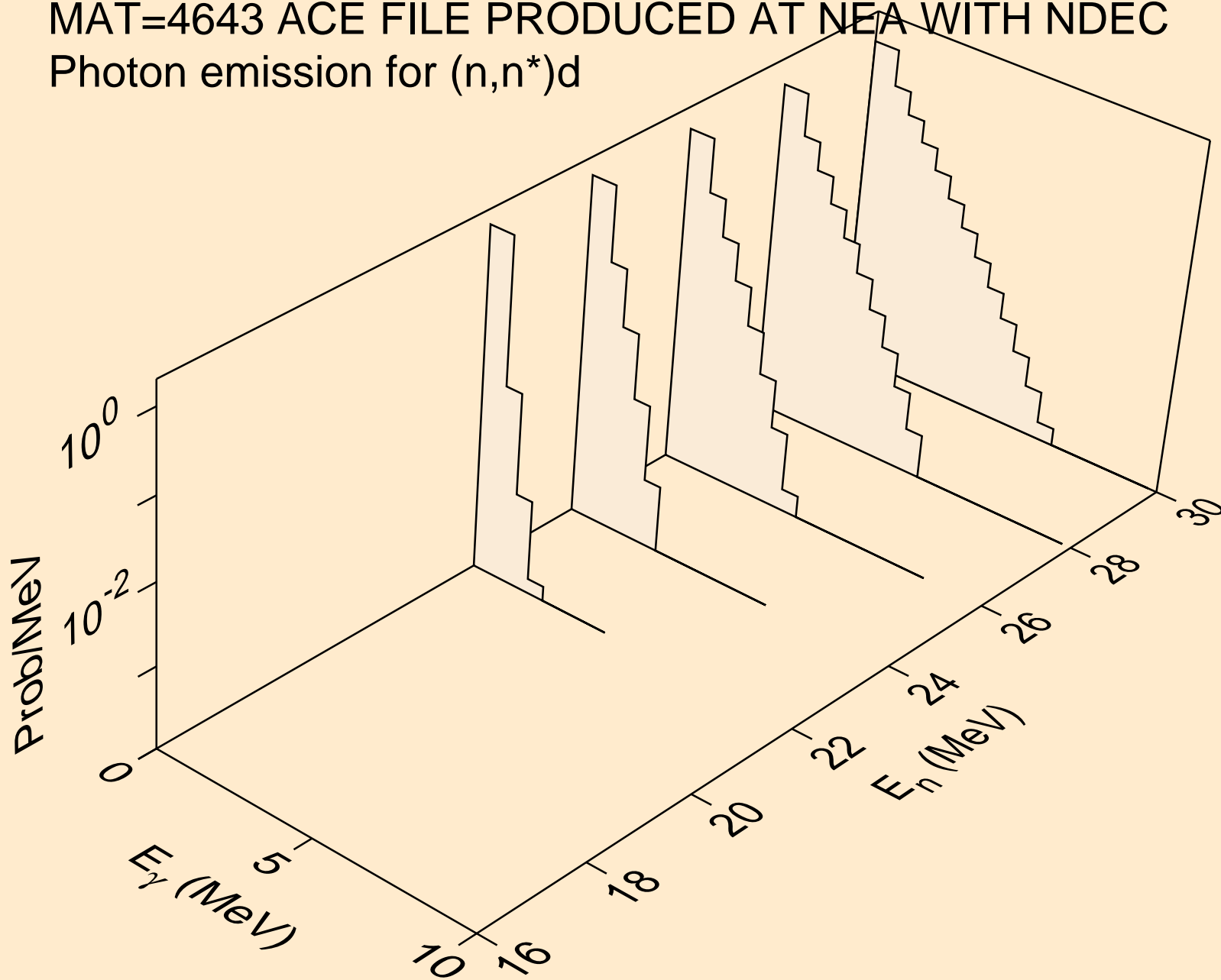
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,2n)a



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*)p

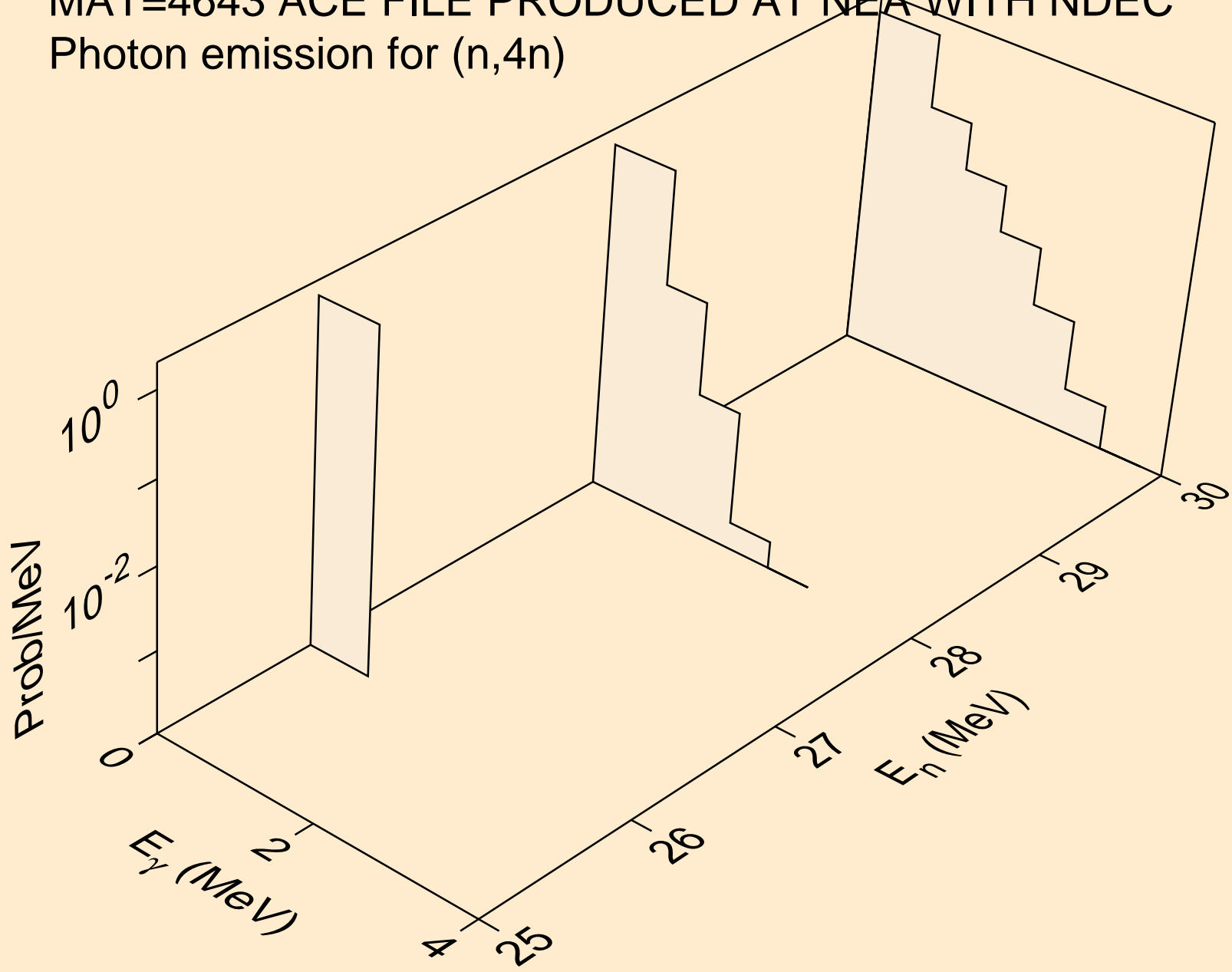


MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*)d

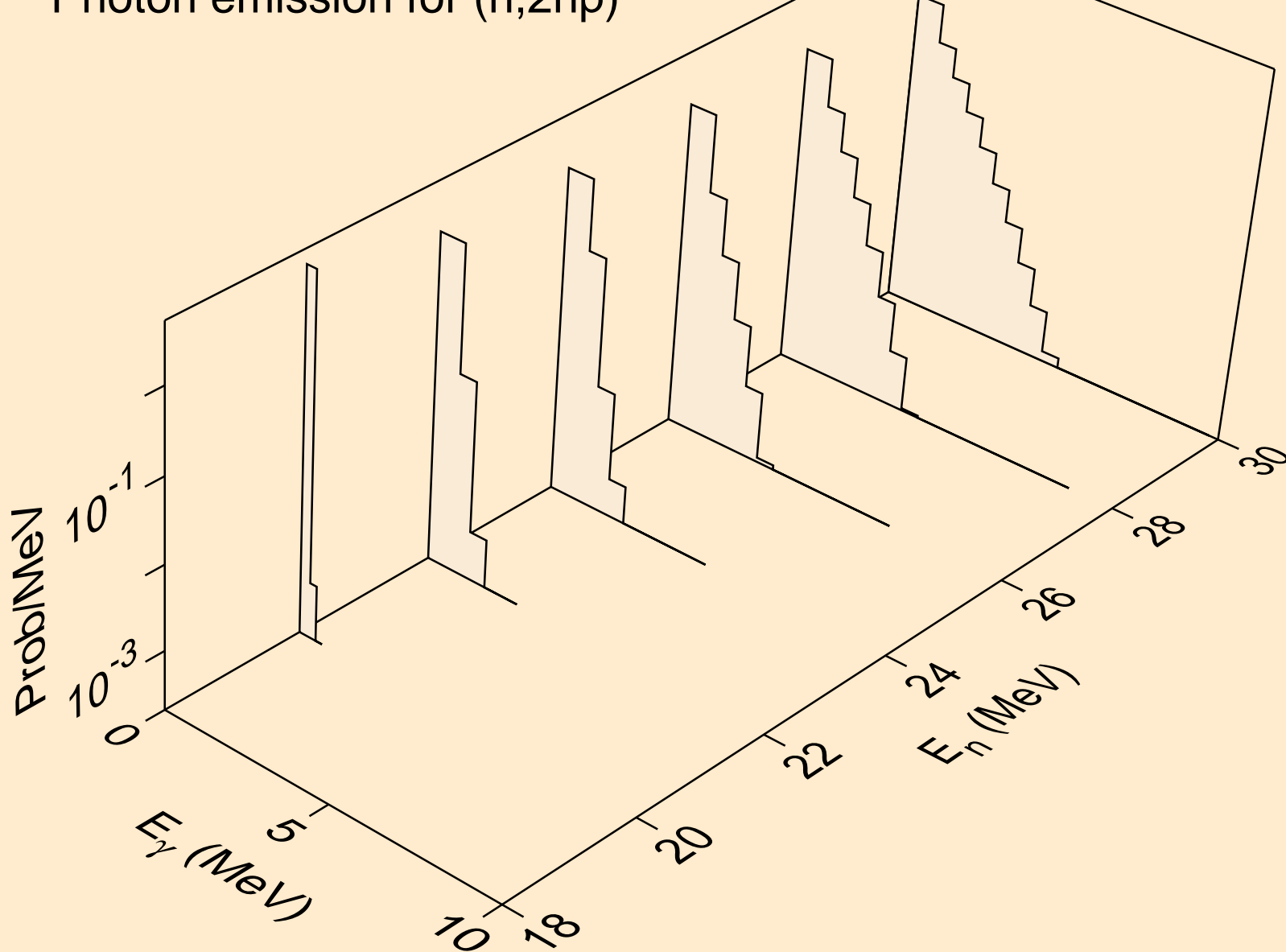




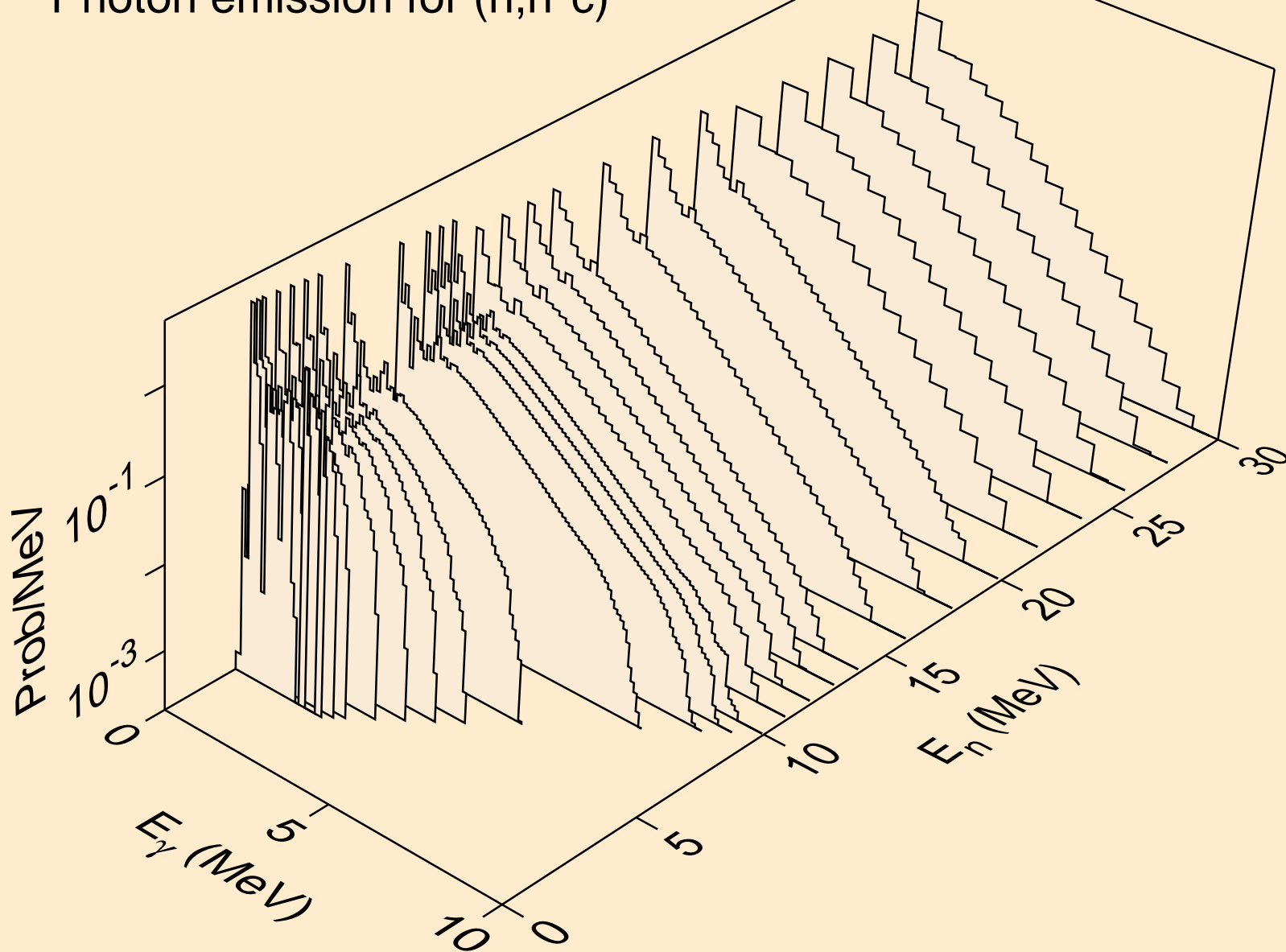
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Photon emission for (n,4n)



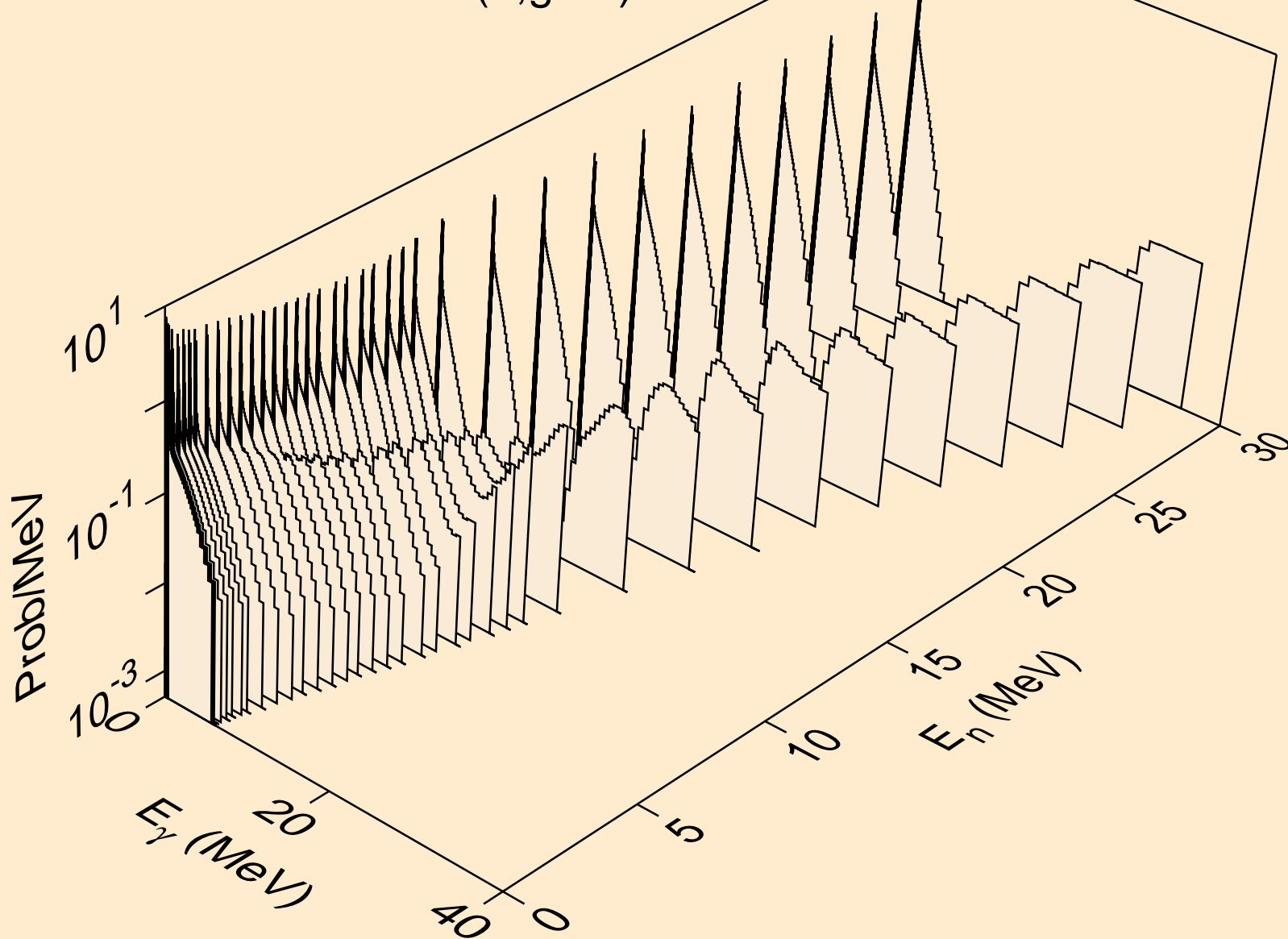
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Photon emission for (n,2np)



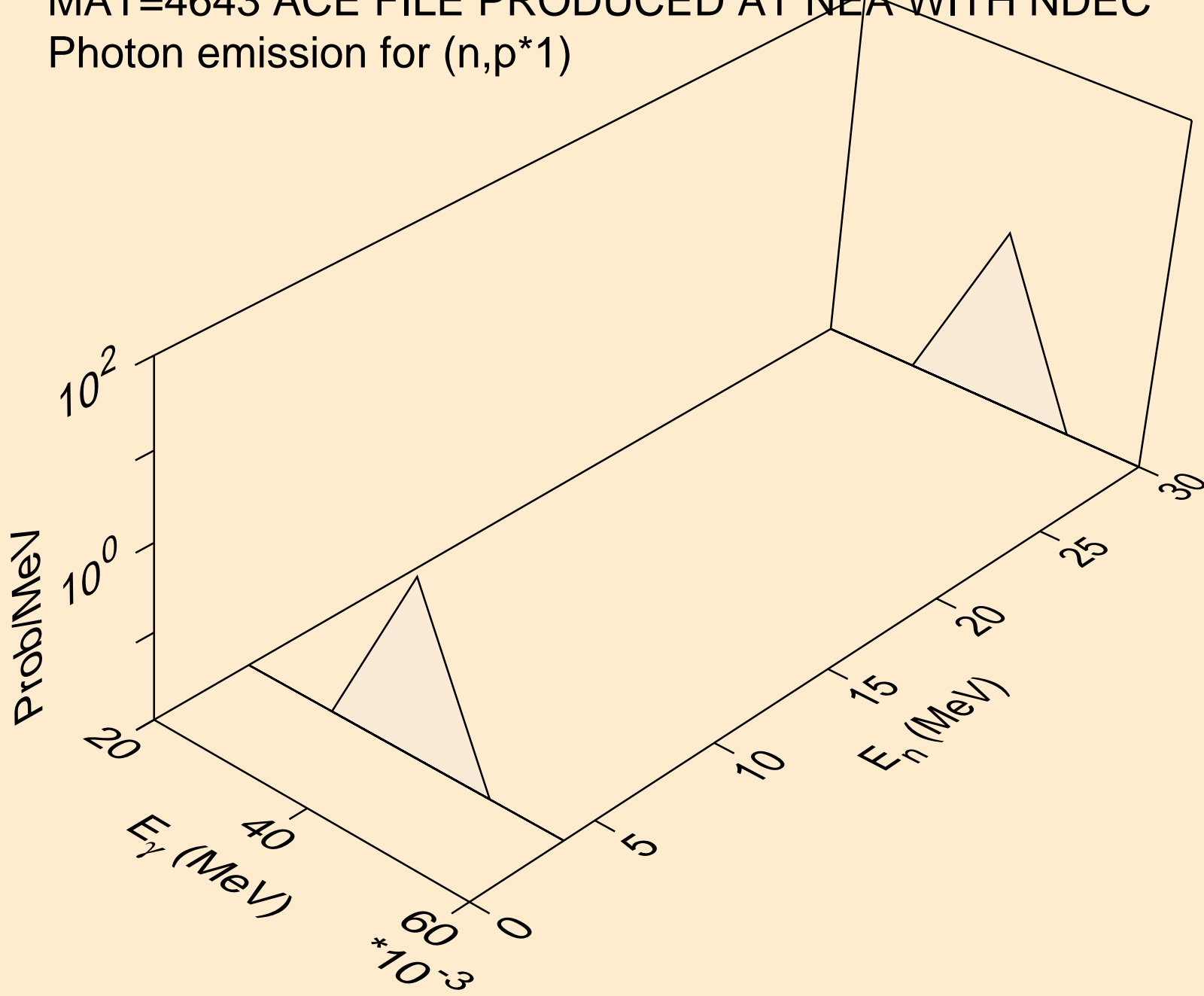
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*c)



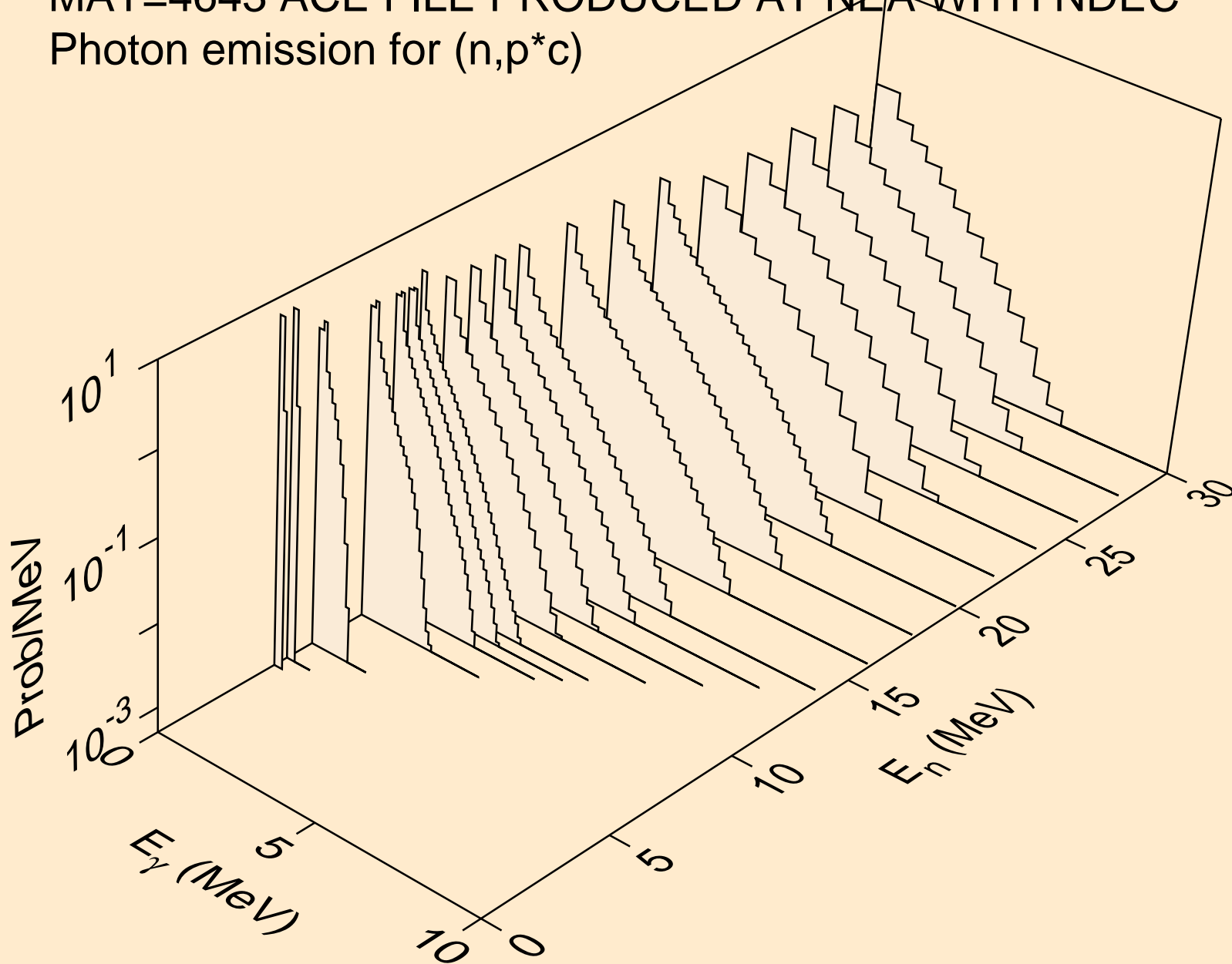
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Photon emission for (n,gma)



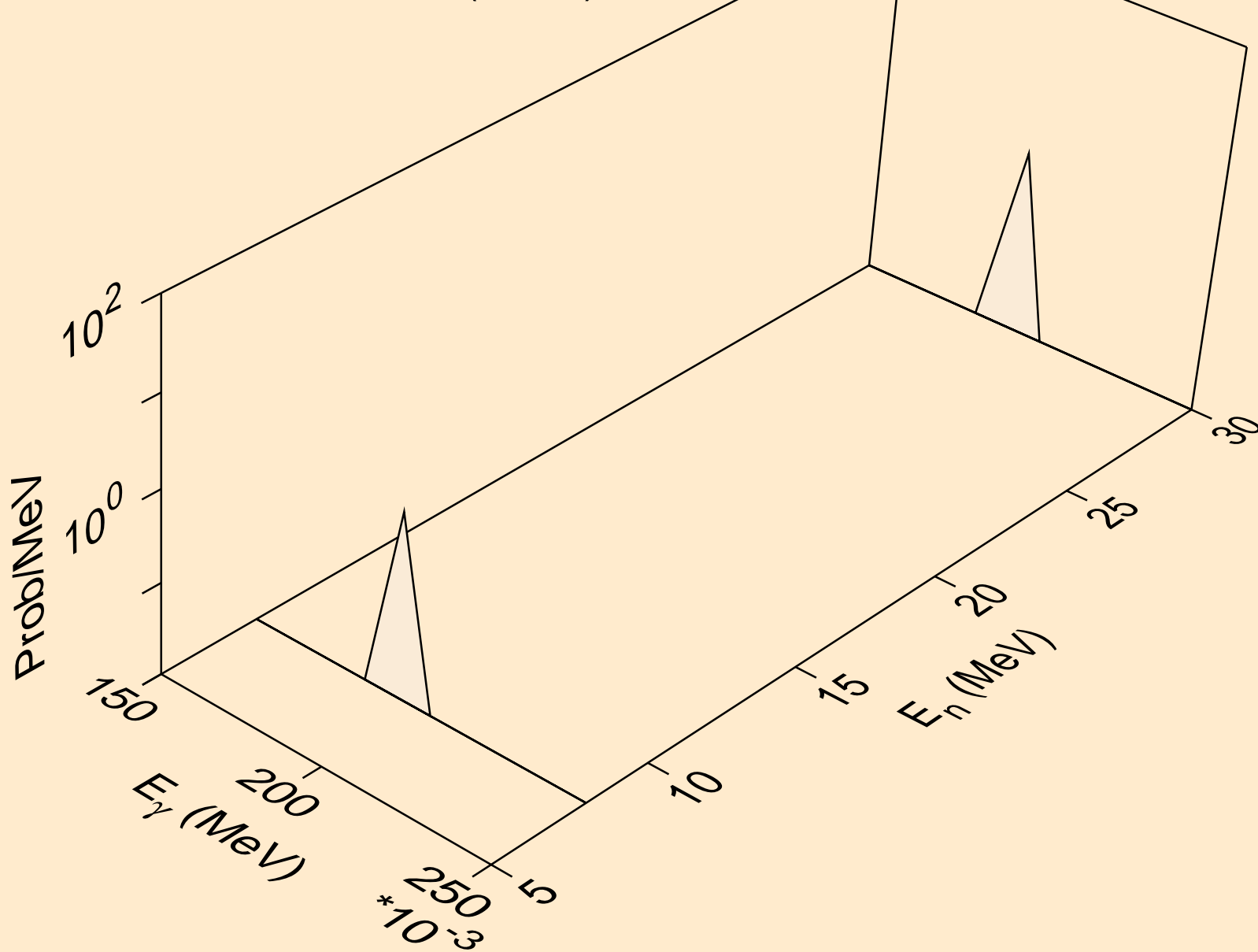
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Photon emission for (n,p\*1)



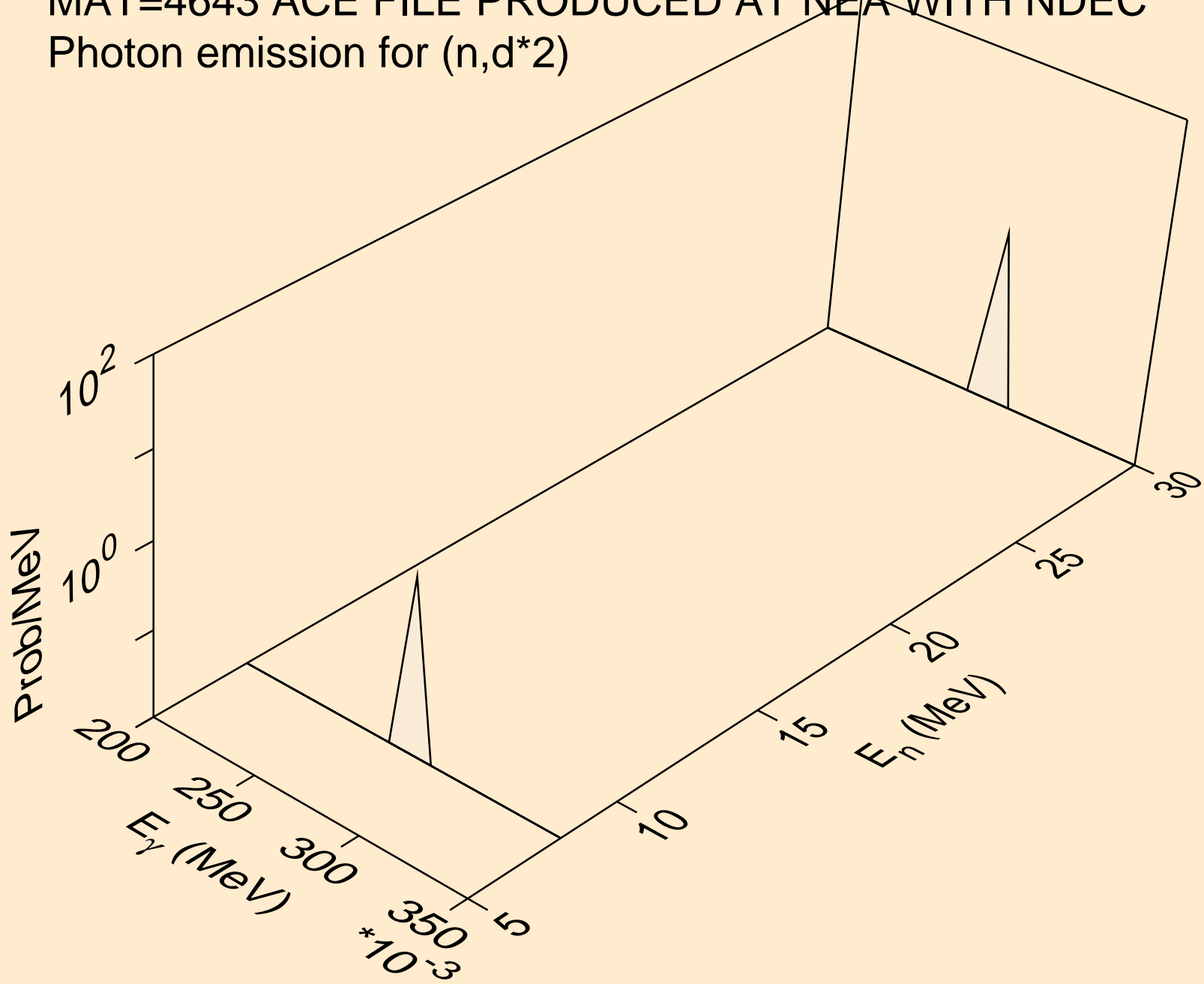
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,p\*c)



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,d\*1)

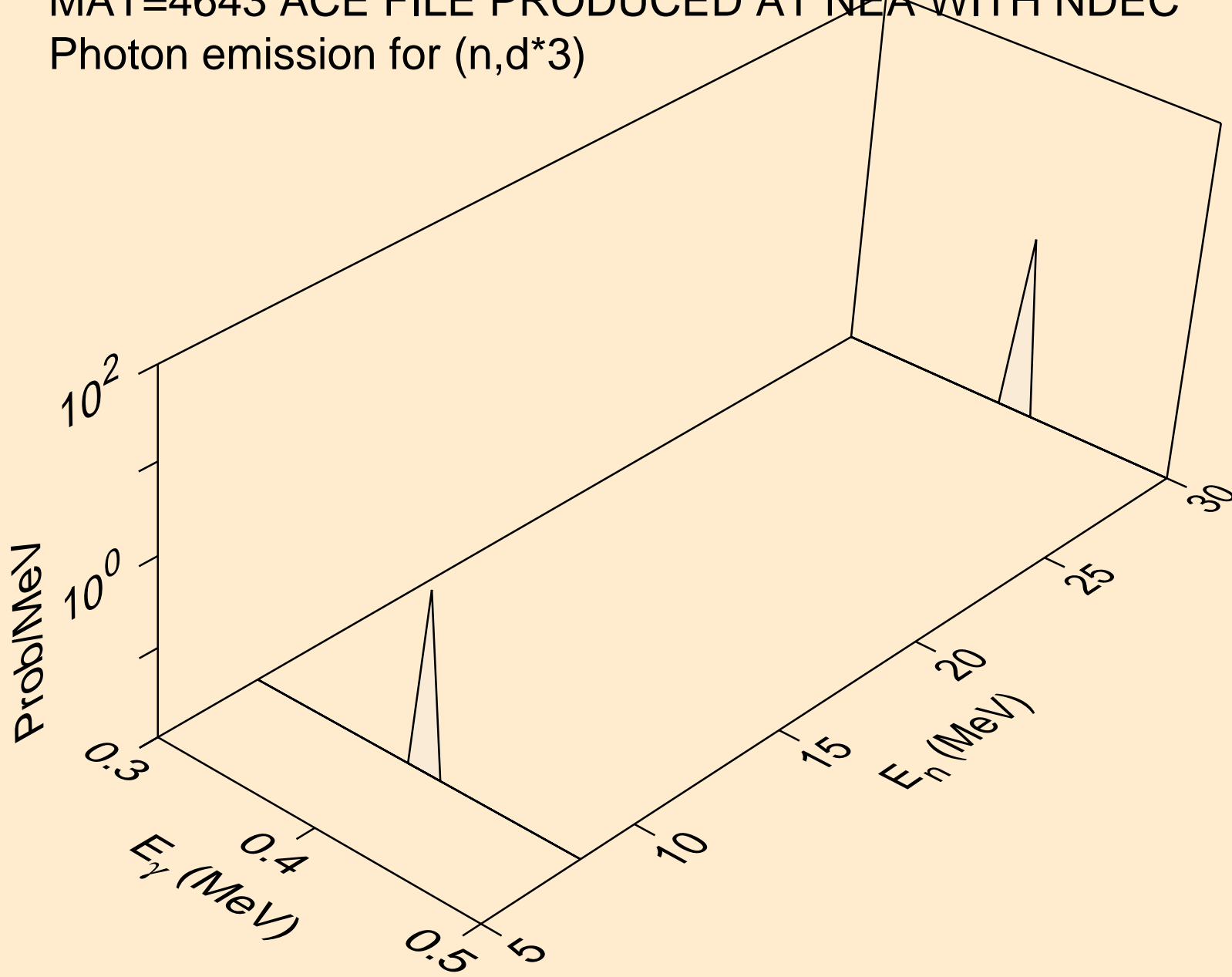


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Photon emission for (n,d\*2)

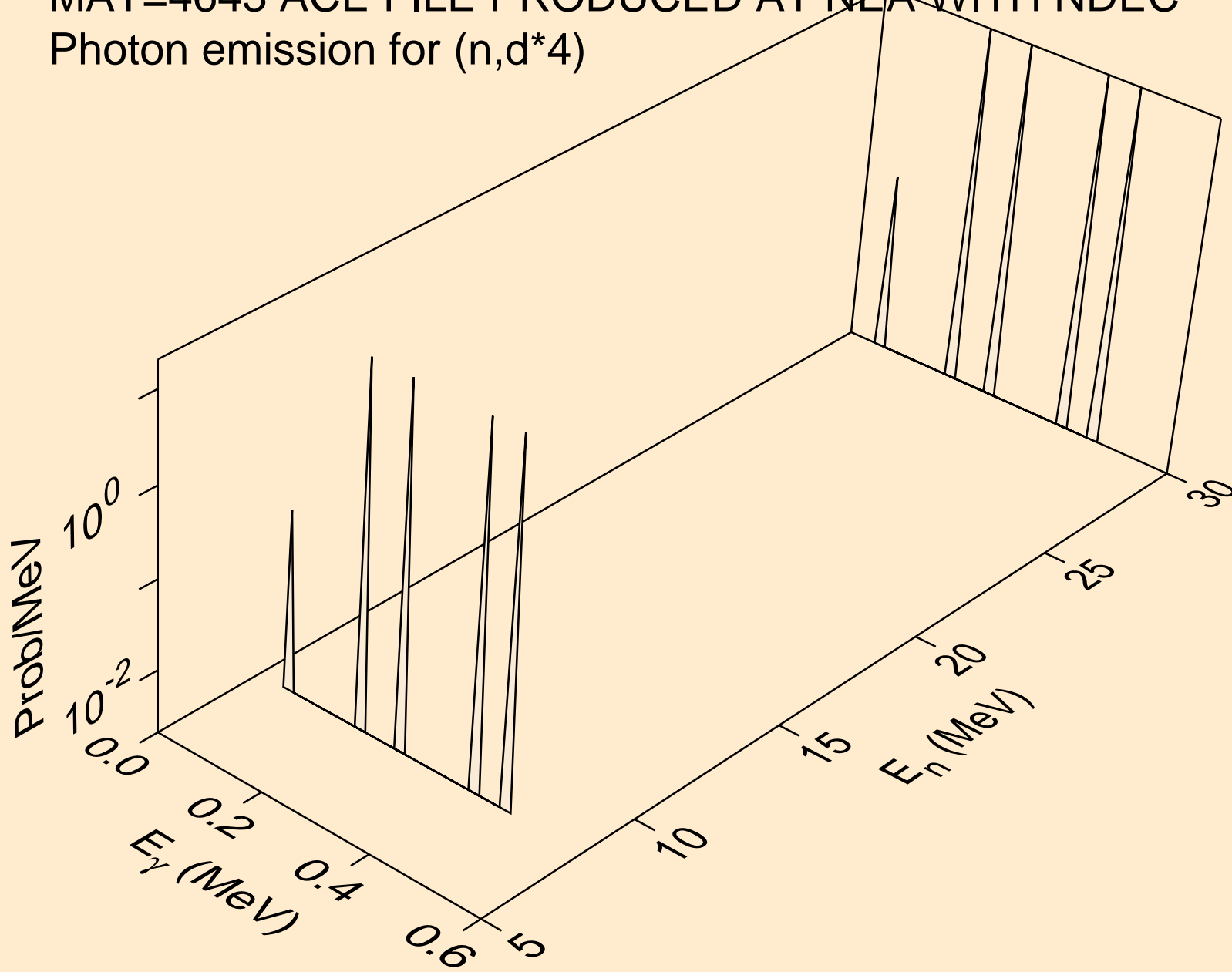




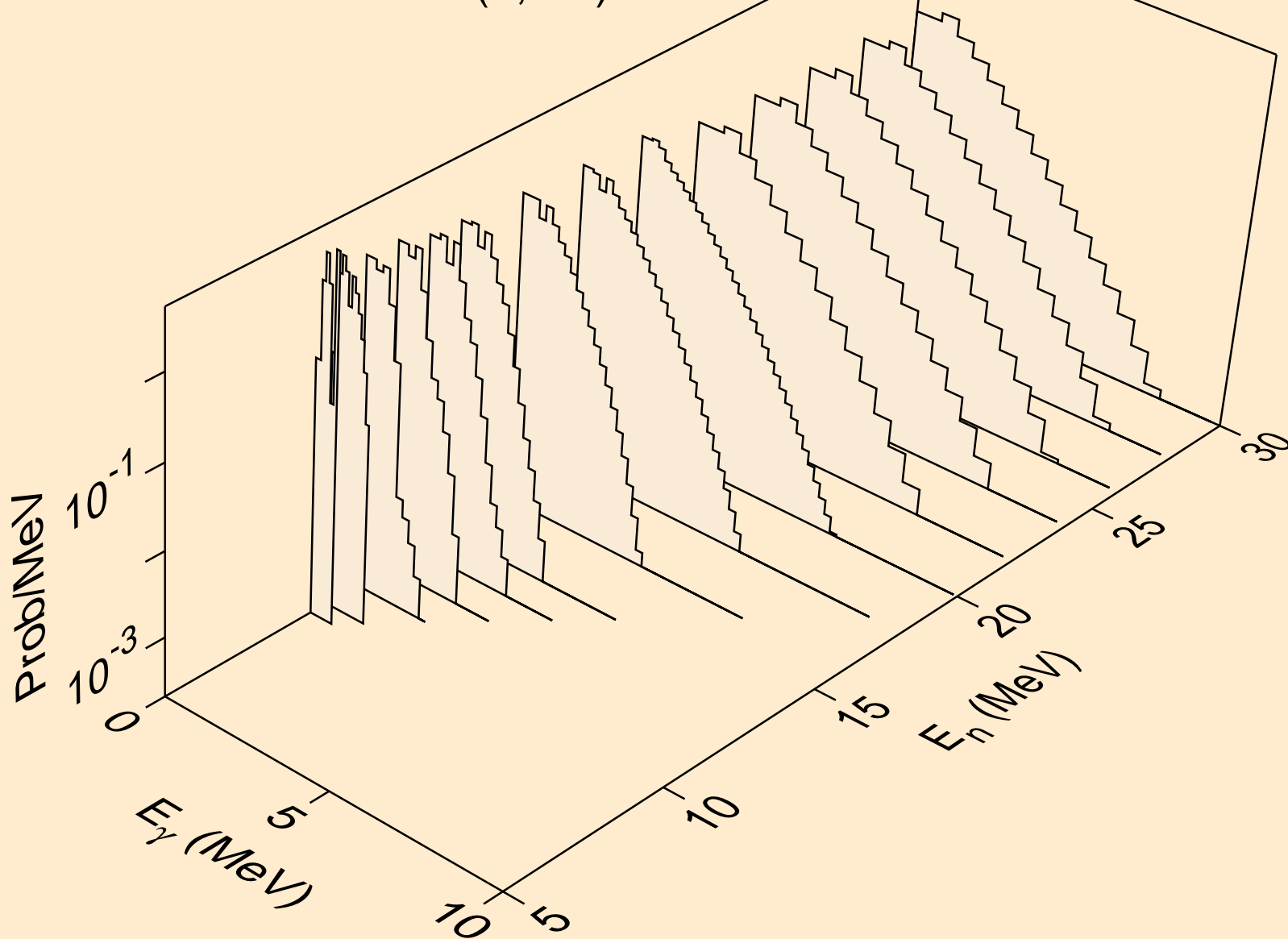
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Photon emission for (n,d\*3)



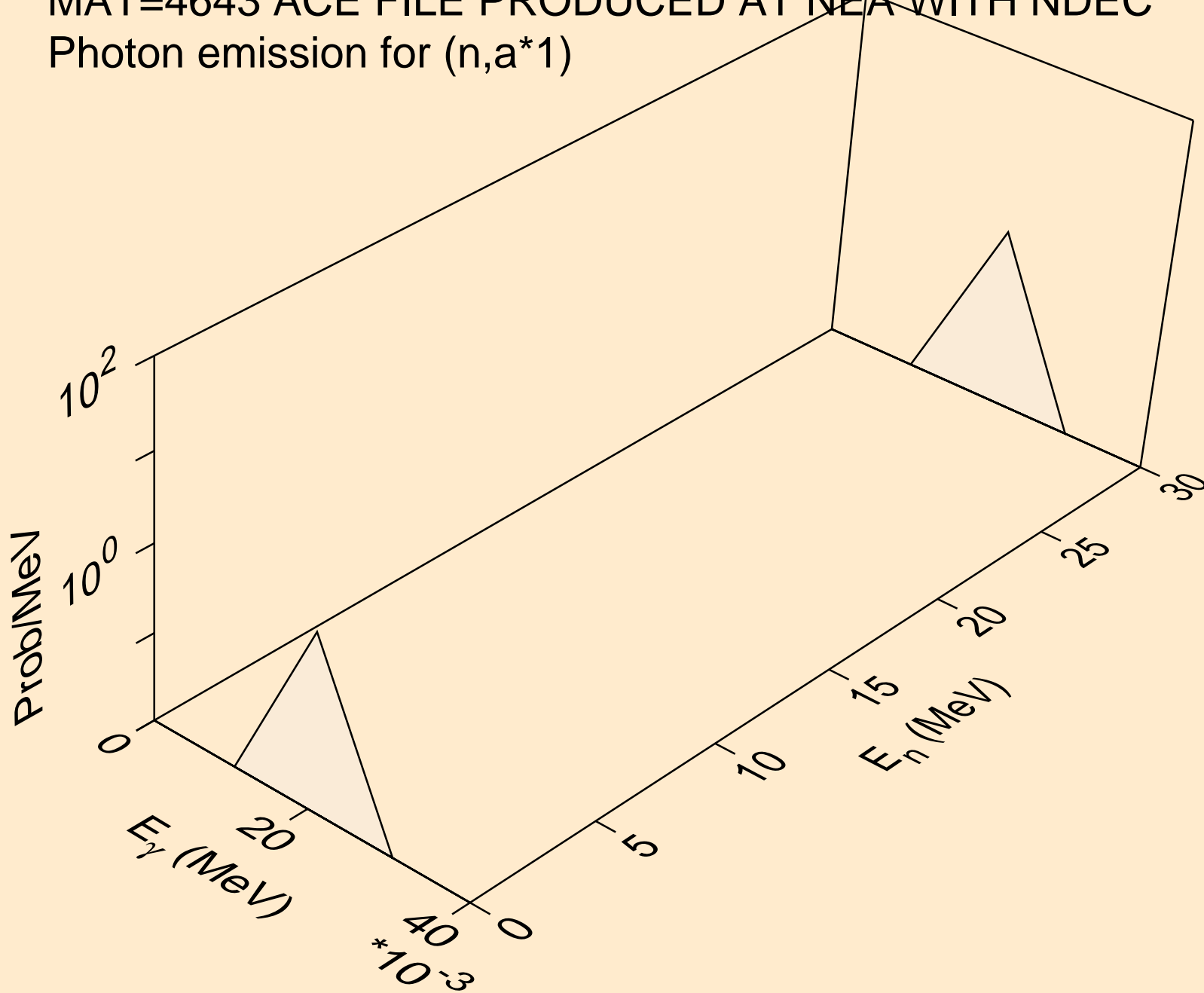
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Photon emission for (n,d\*4)



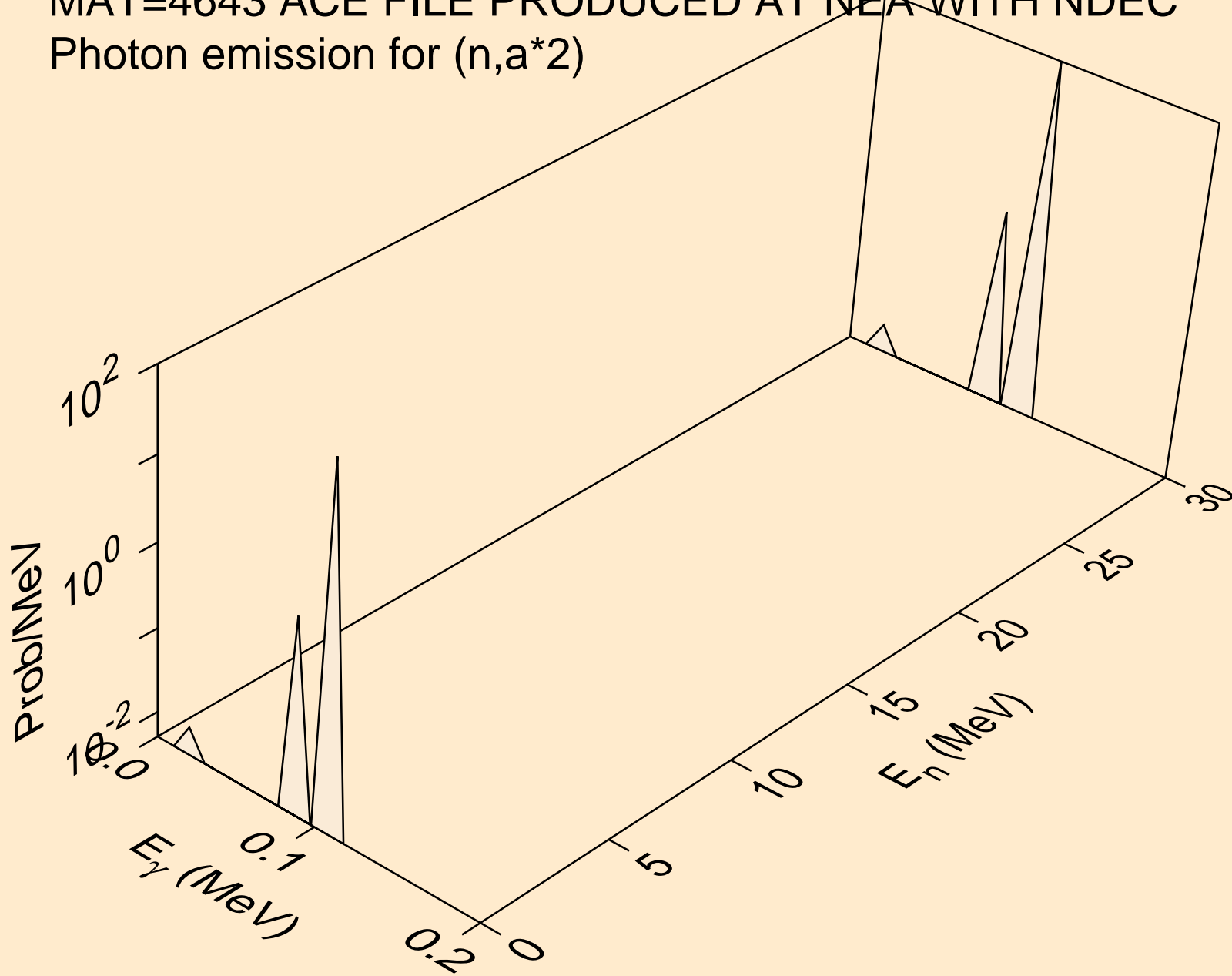
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Photon emission for (n,d\*c)



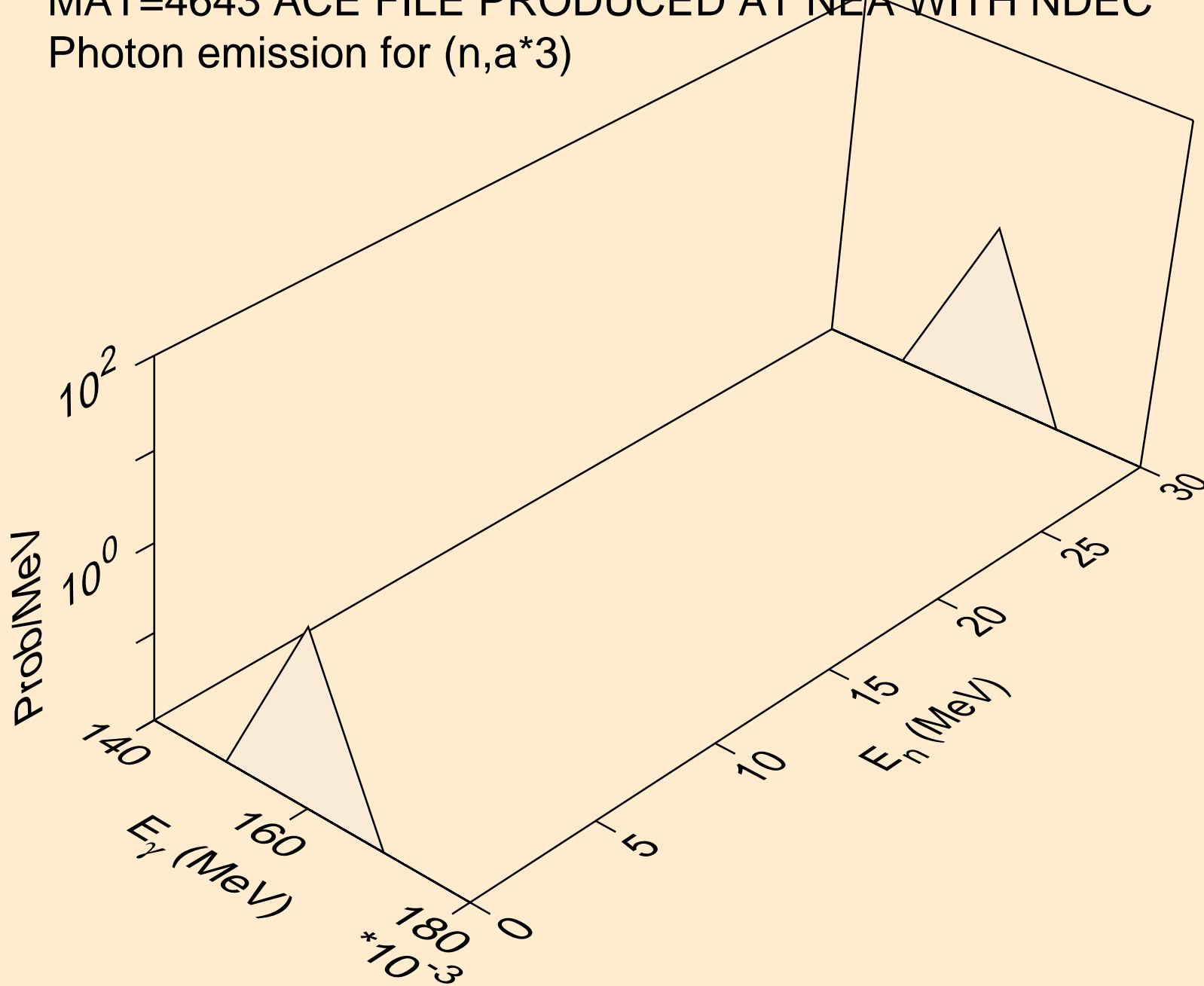
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Photon emission for (n,a\*1)



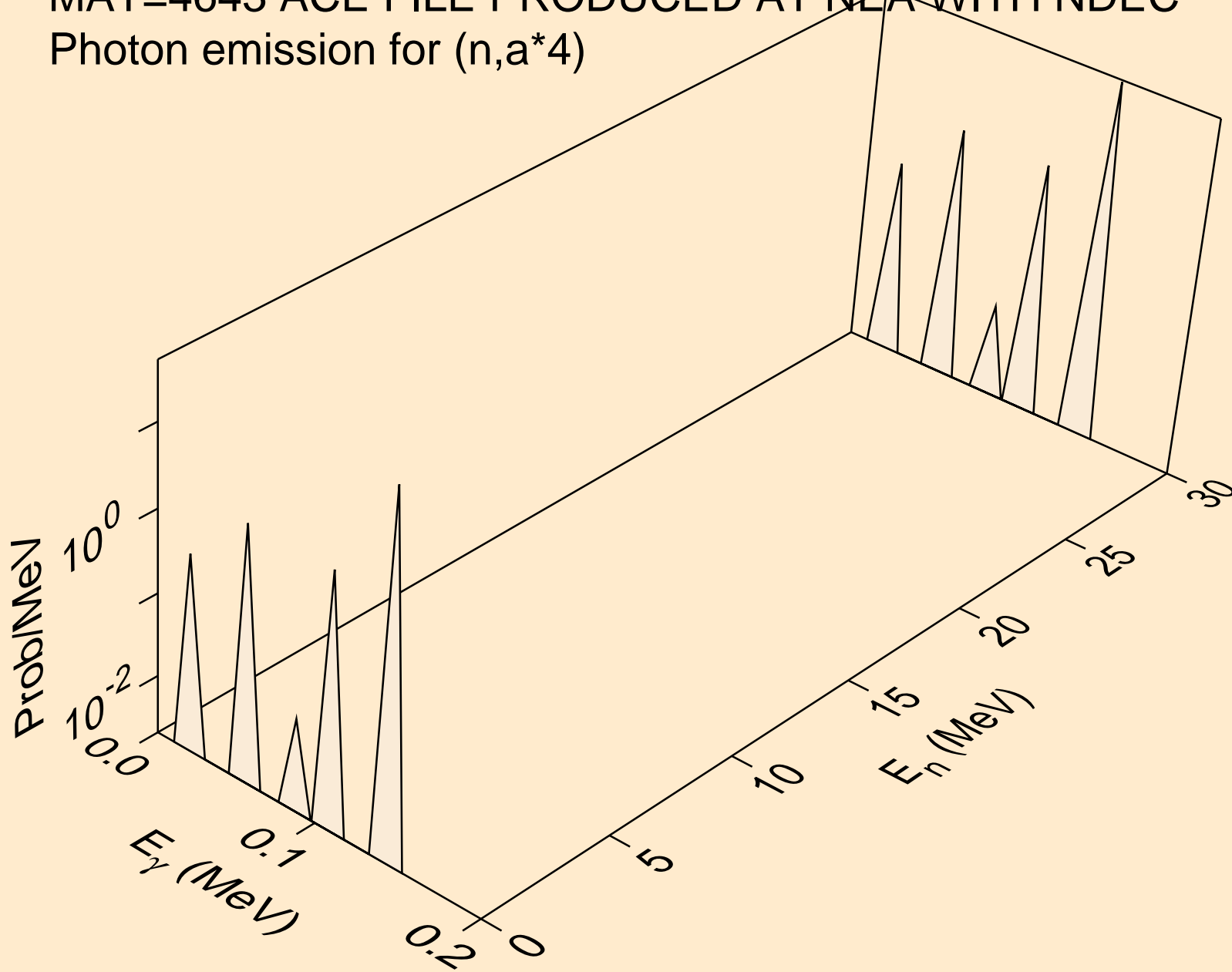
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Photon emission for (n,a\*2)



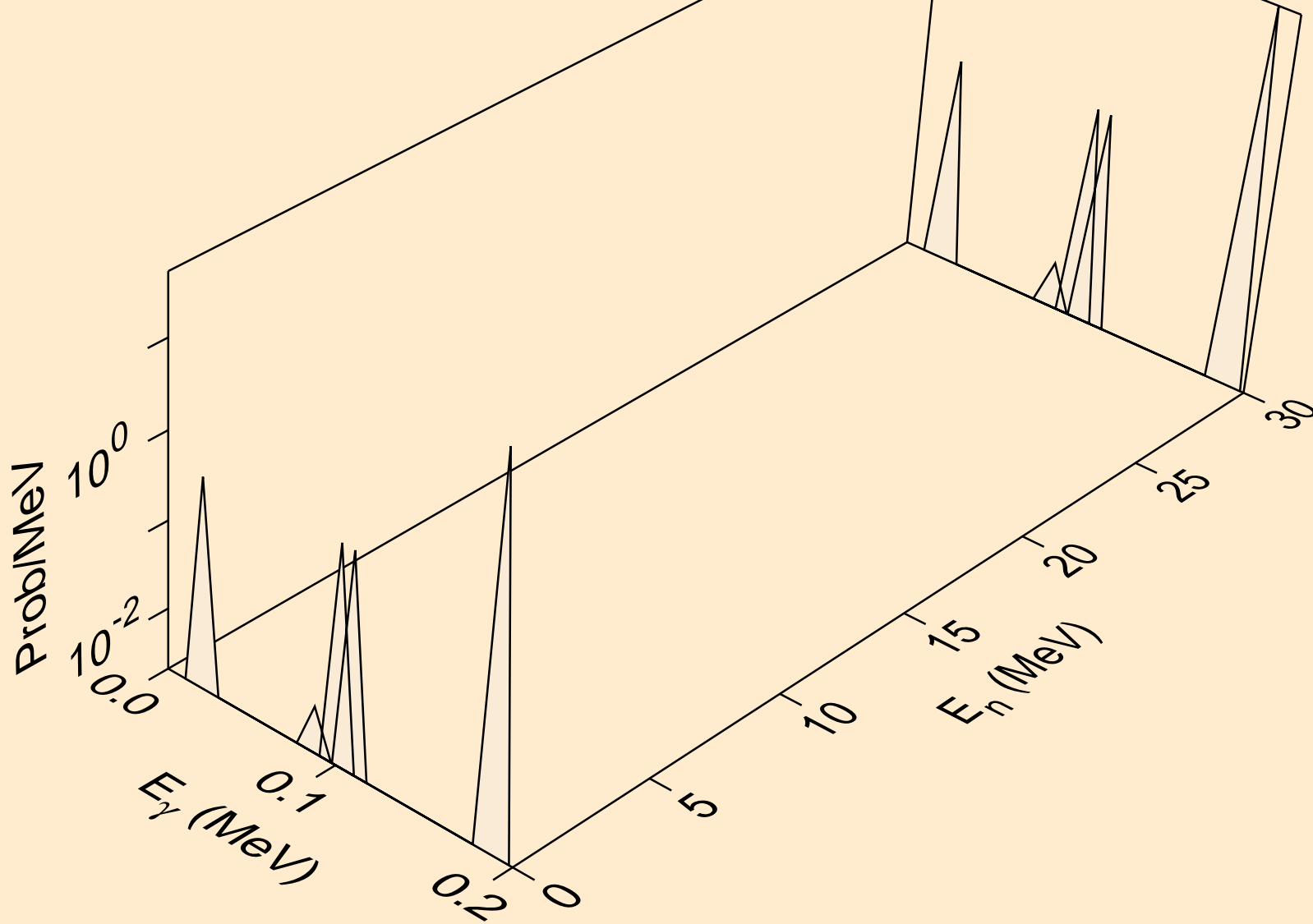
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Photon emission for (n,a\*3)



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Photon emission for (n,a\*4)

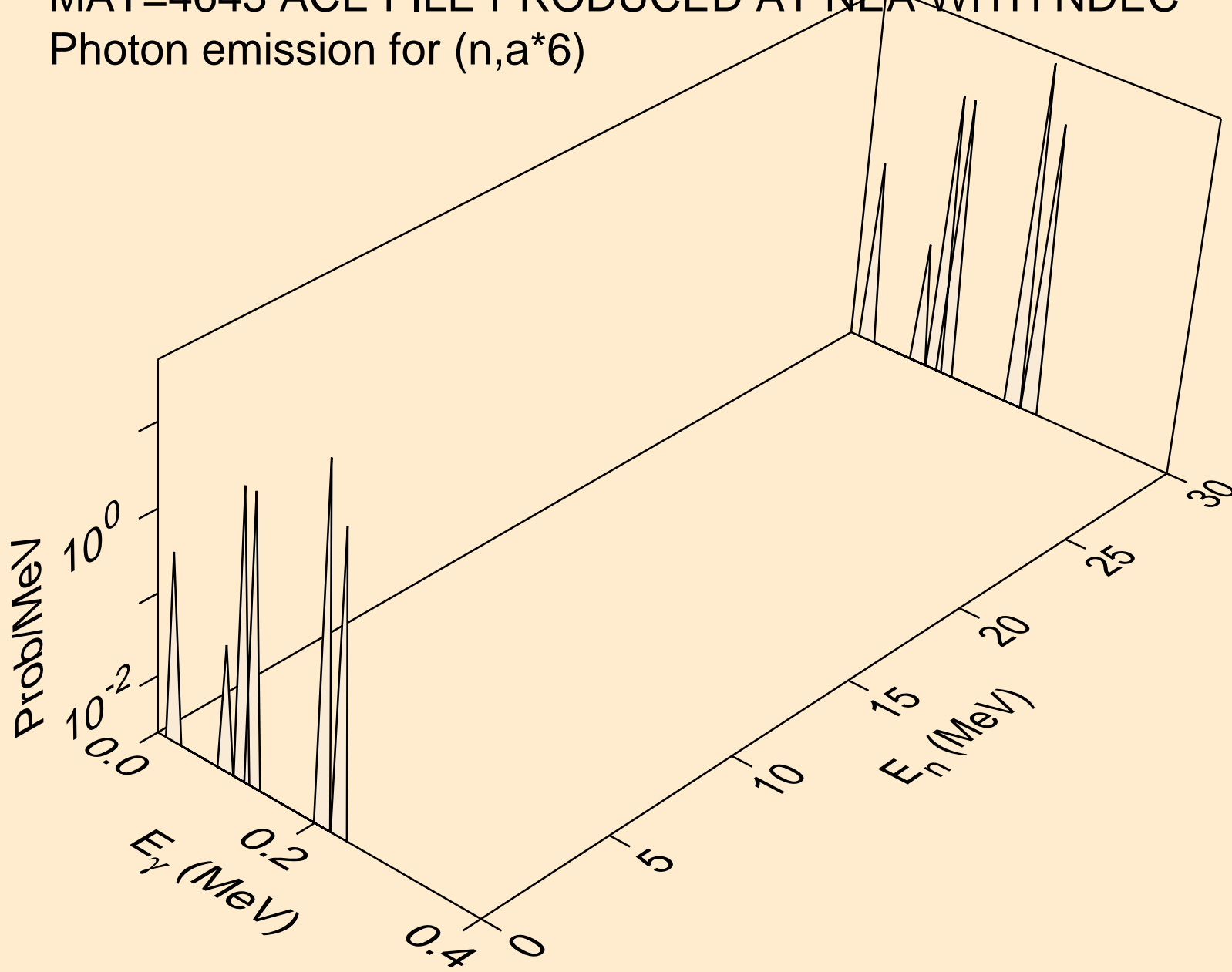


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Photon emission for (n,a\*5)

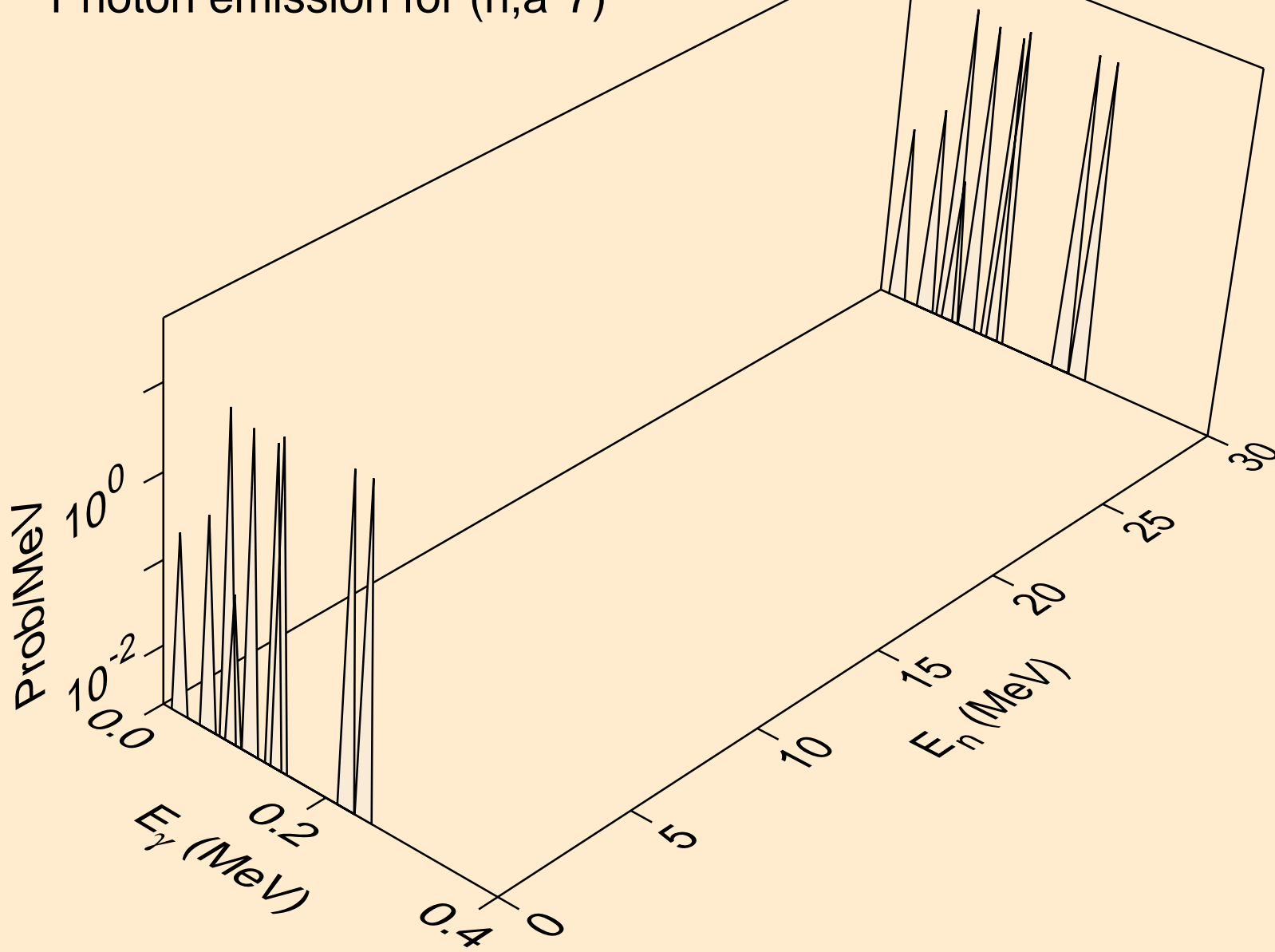




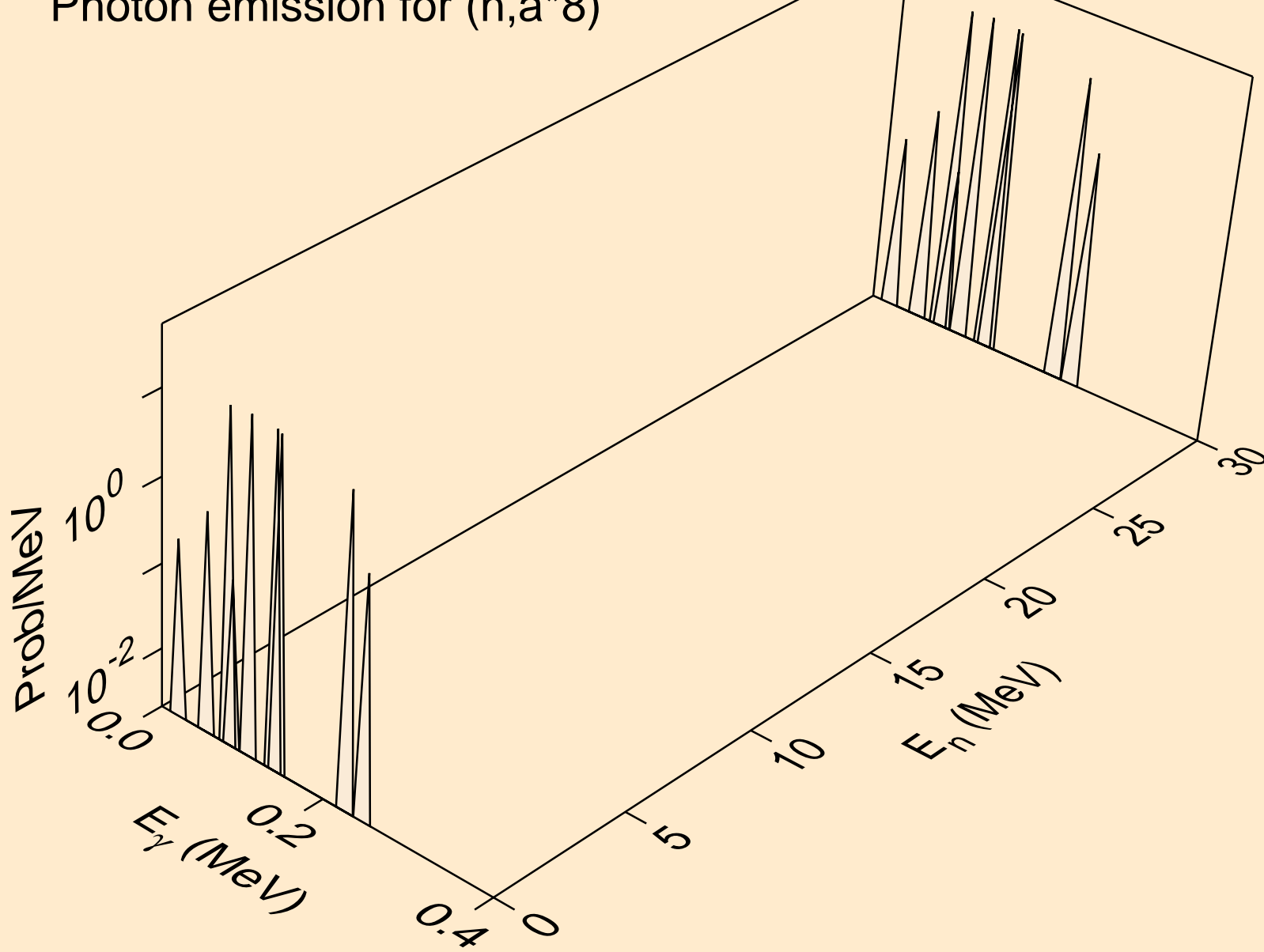
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Photon emission for (n,a\*6)



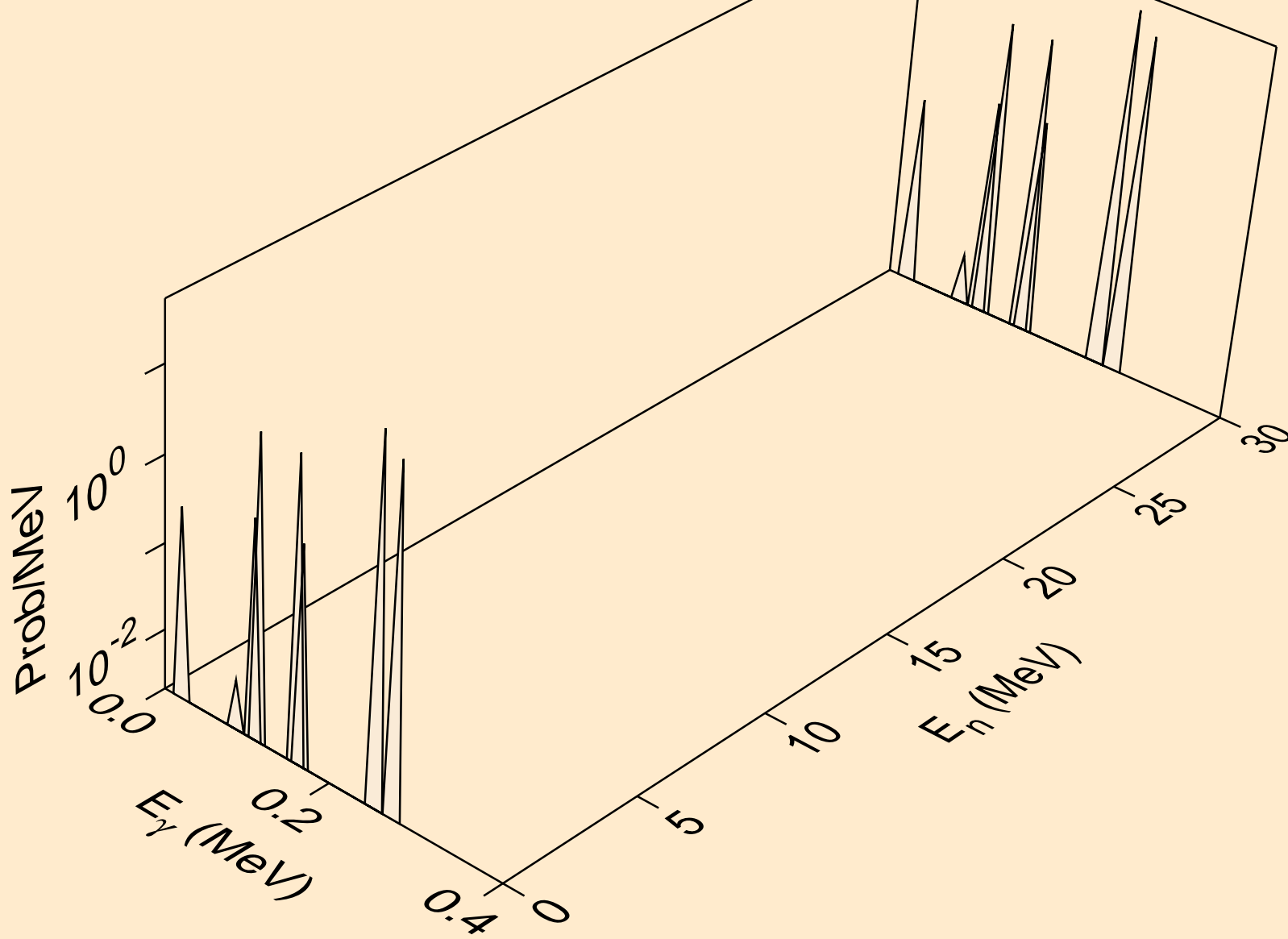
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Photon emission for (n,a\*7)



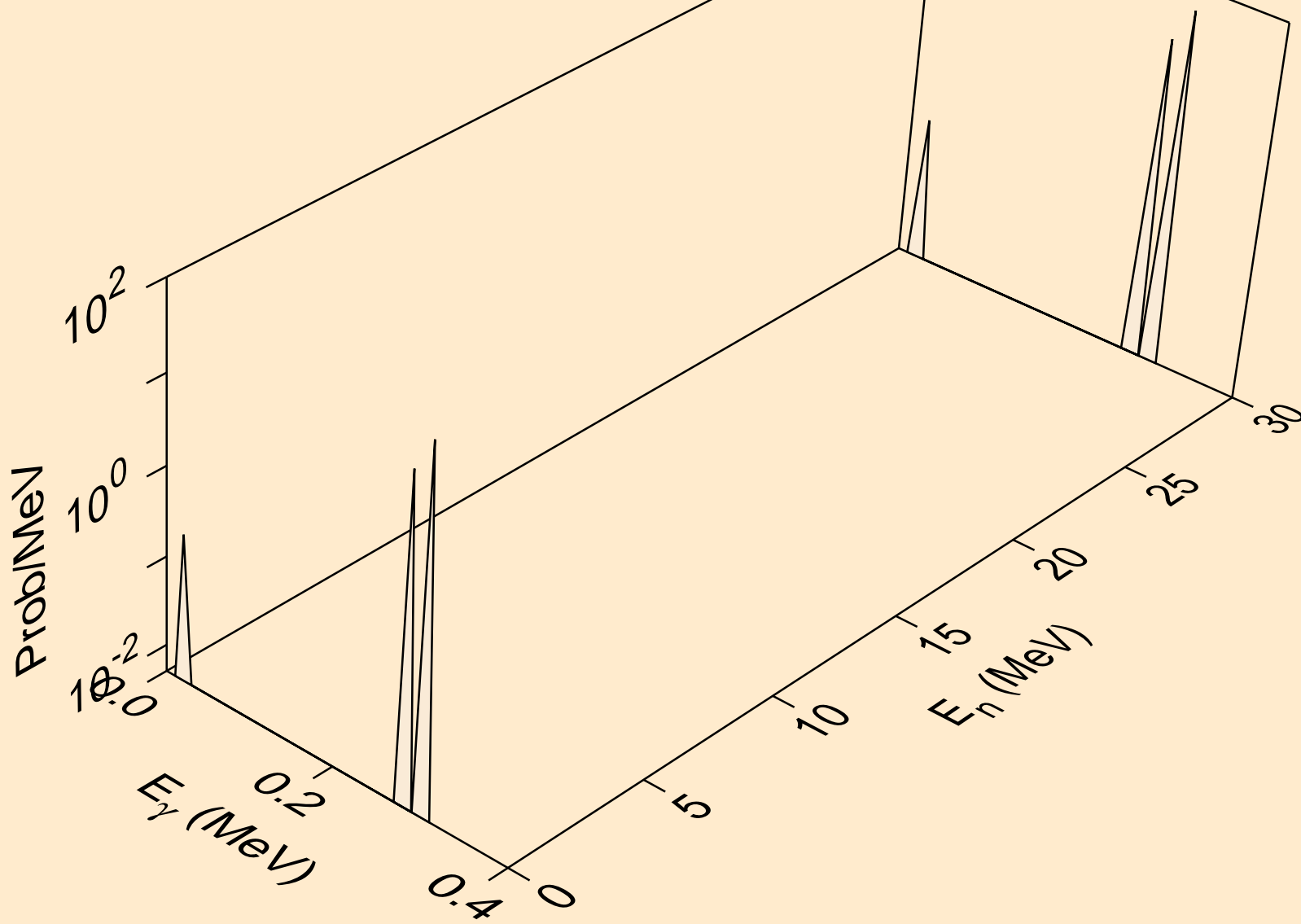
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Photon emission for (n,a\*8)



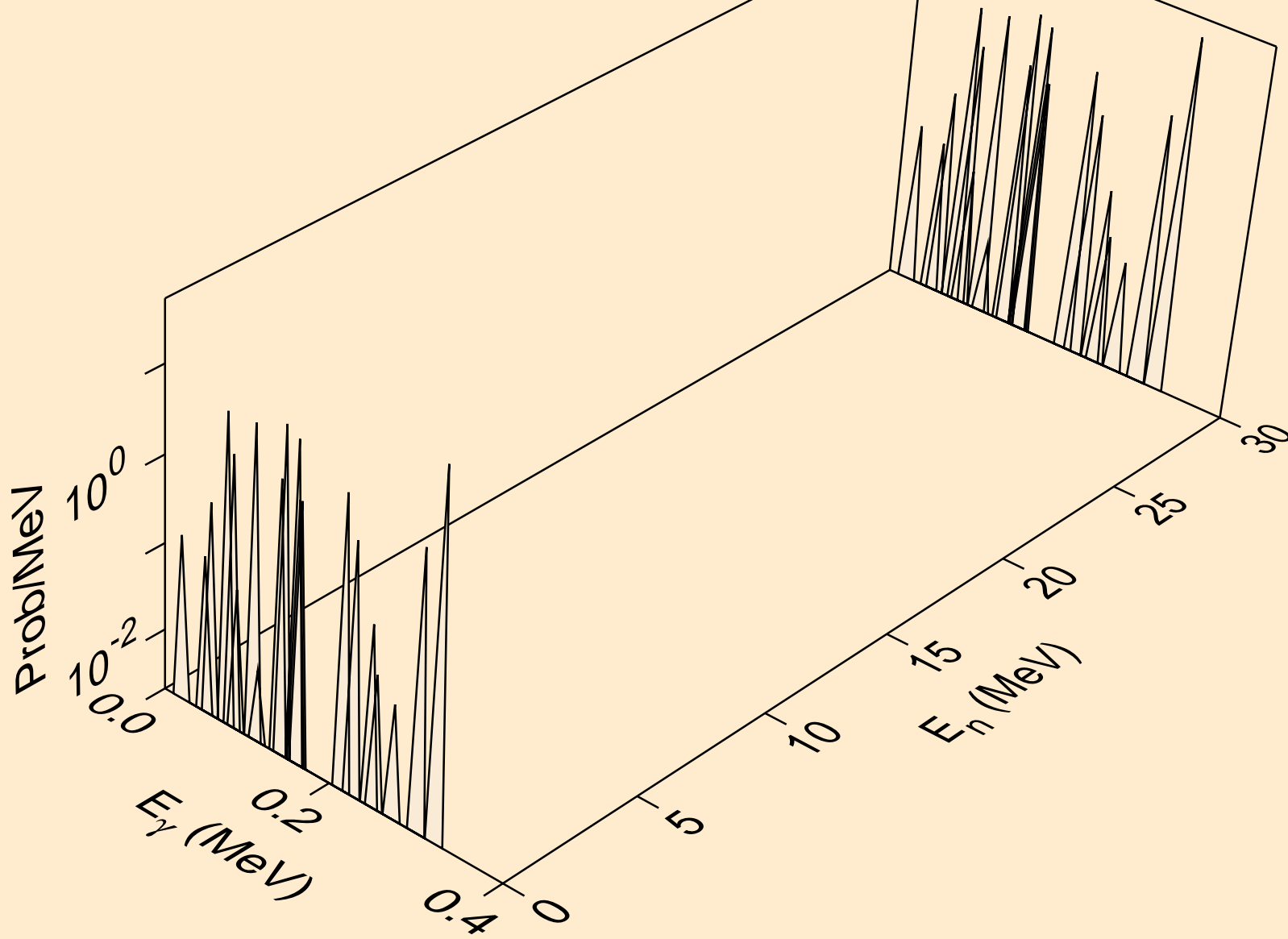
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Photon emission for (n,a\*9)



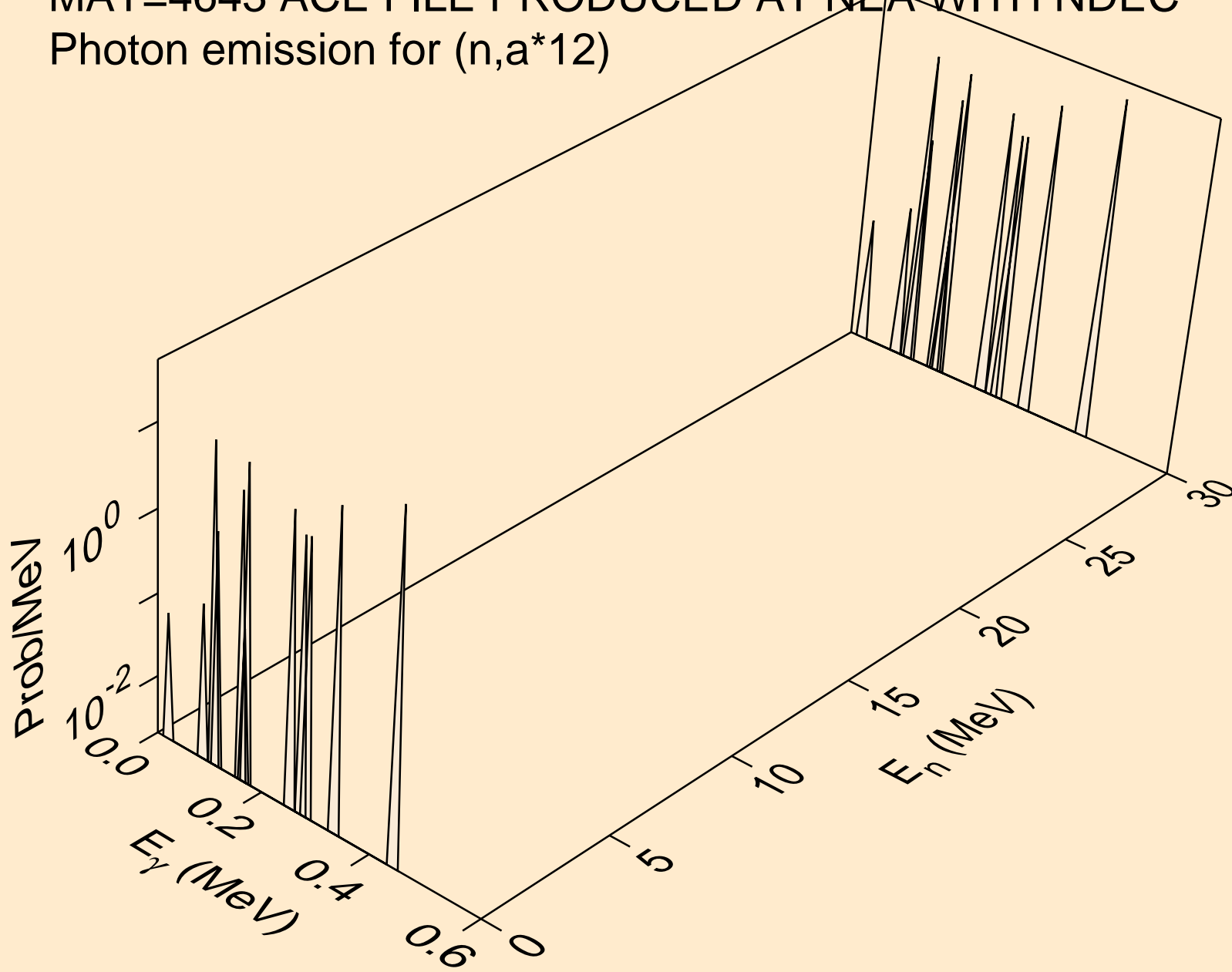
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Photon emission for (n,a\*10)



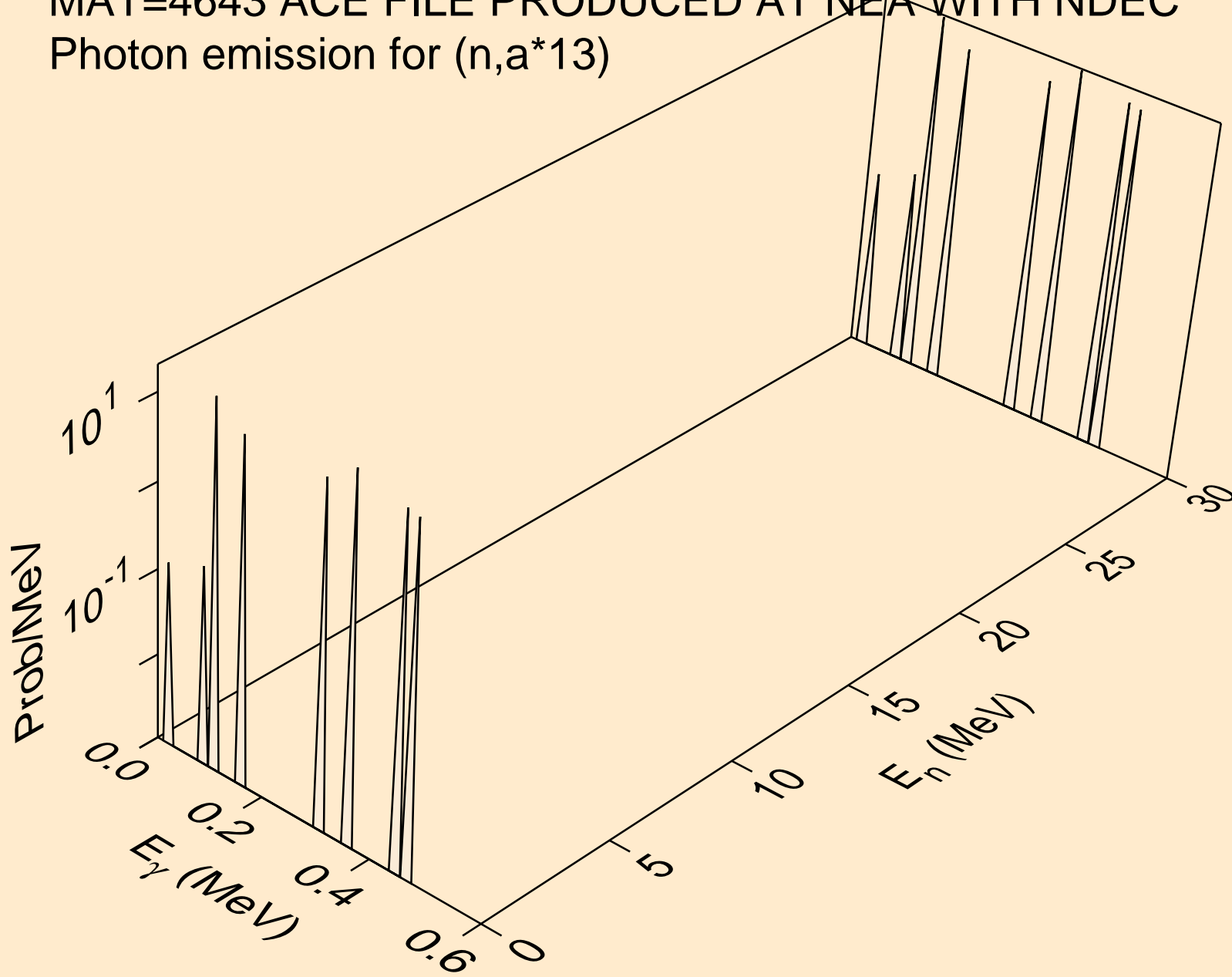
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Photon emission for (n,a\*11)



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,a\*12)

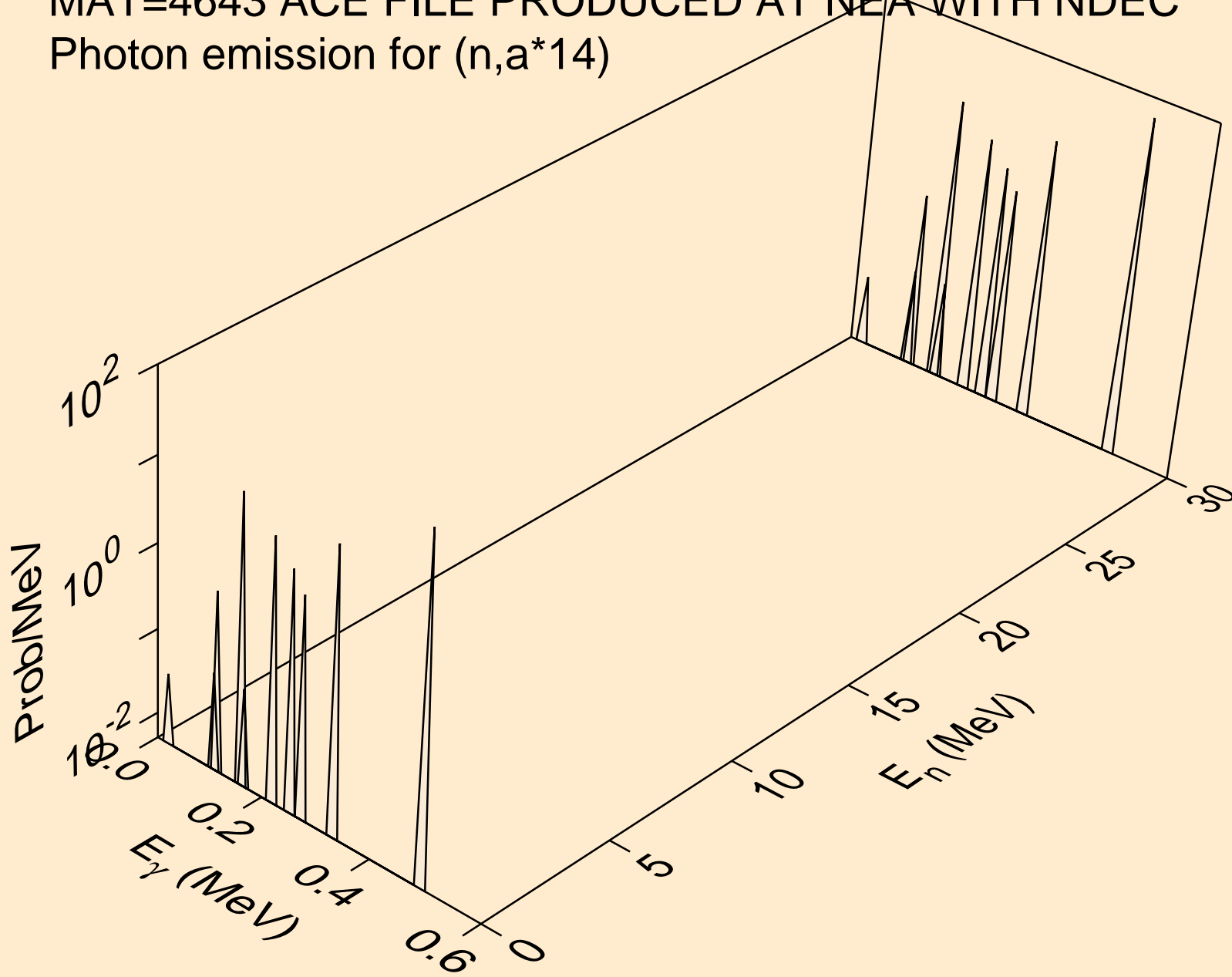


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Photon emission for (n,a\*13)

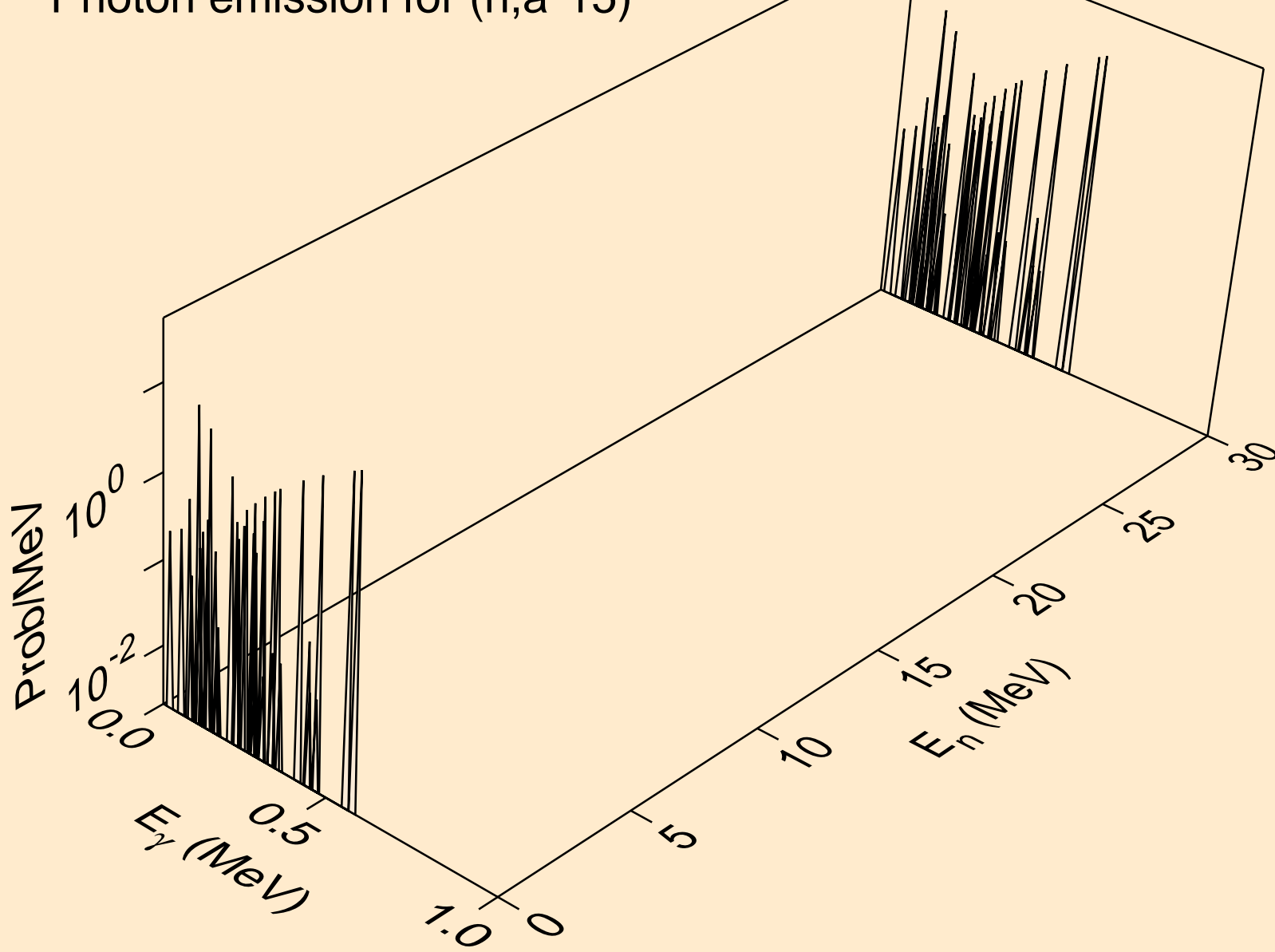




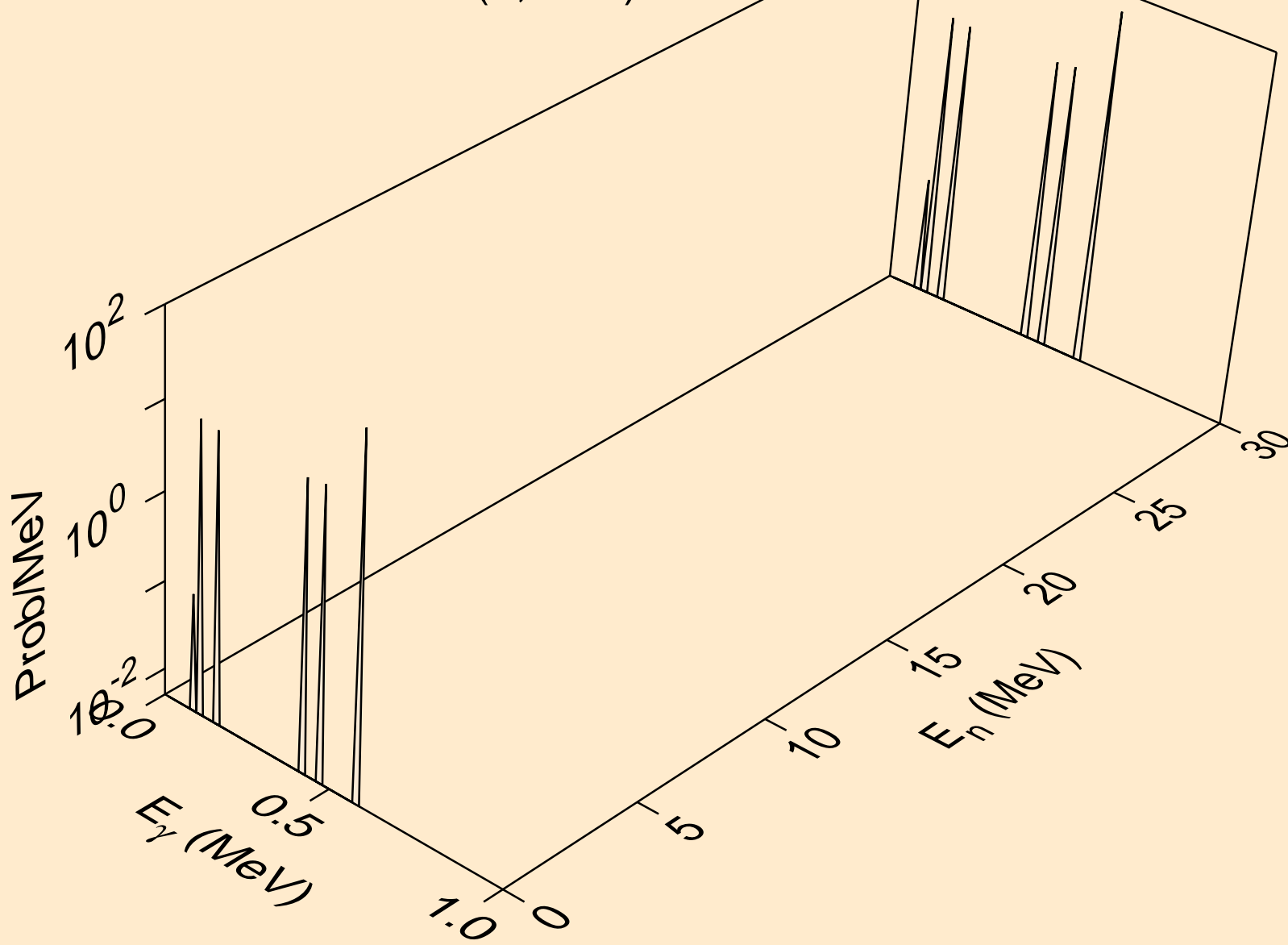
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Photon emission for (n,a\*14)



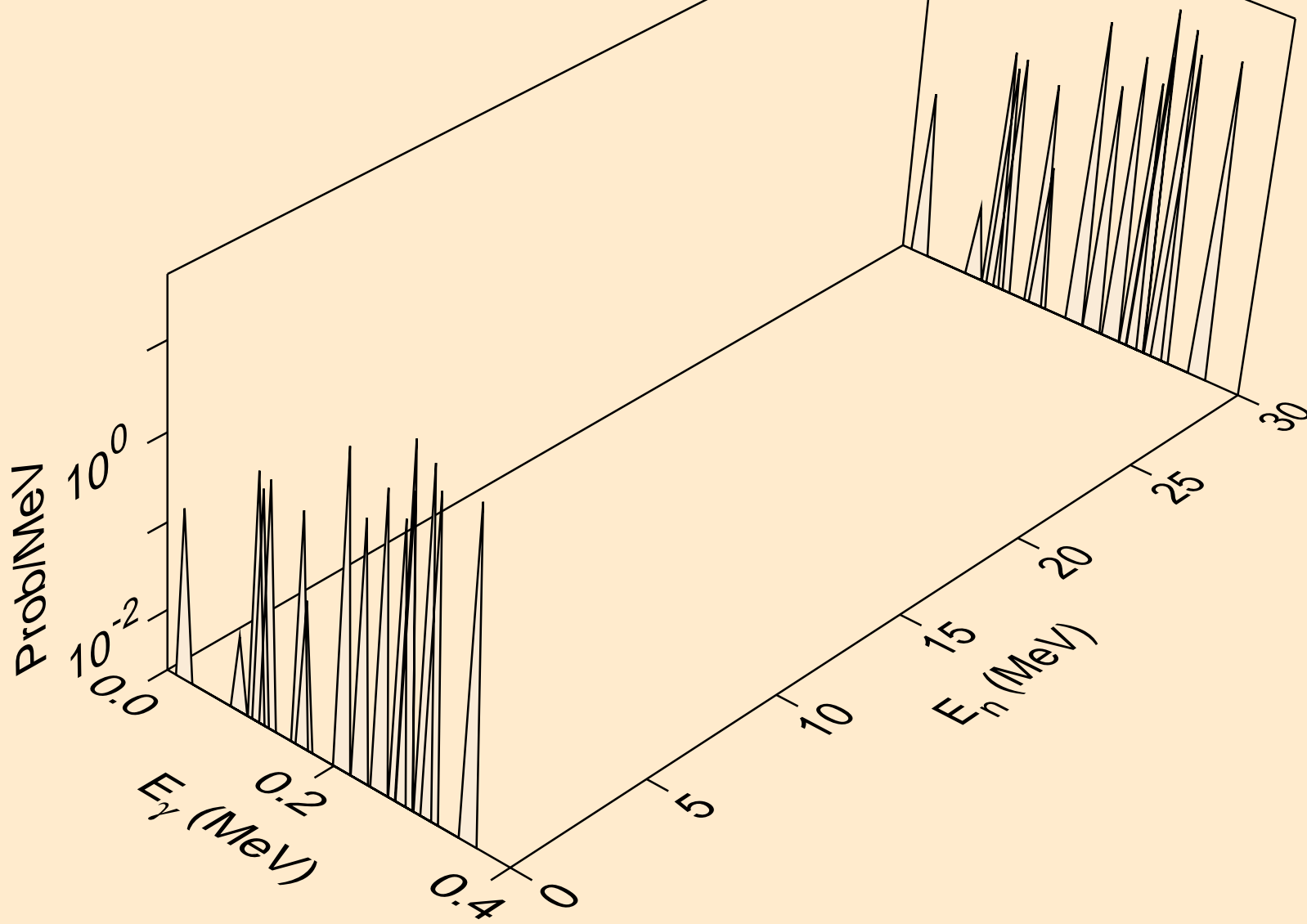
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Photon emission for (n,a\*15)



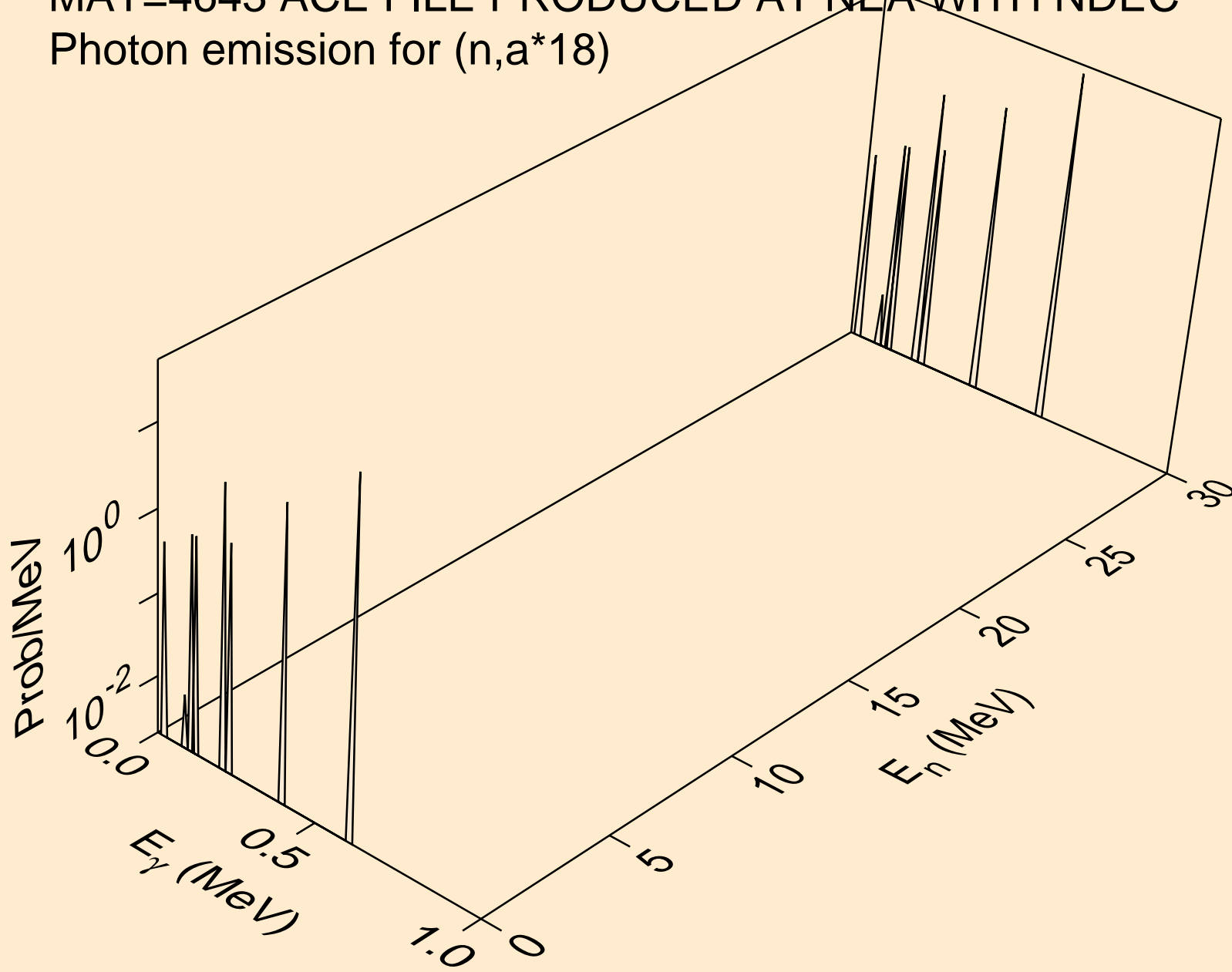
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Photon emission for (n,a\*16)



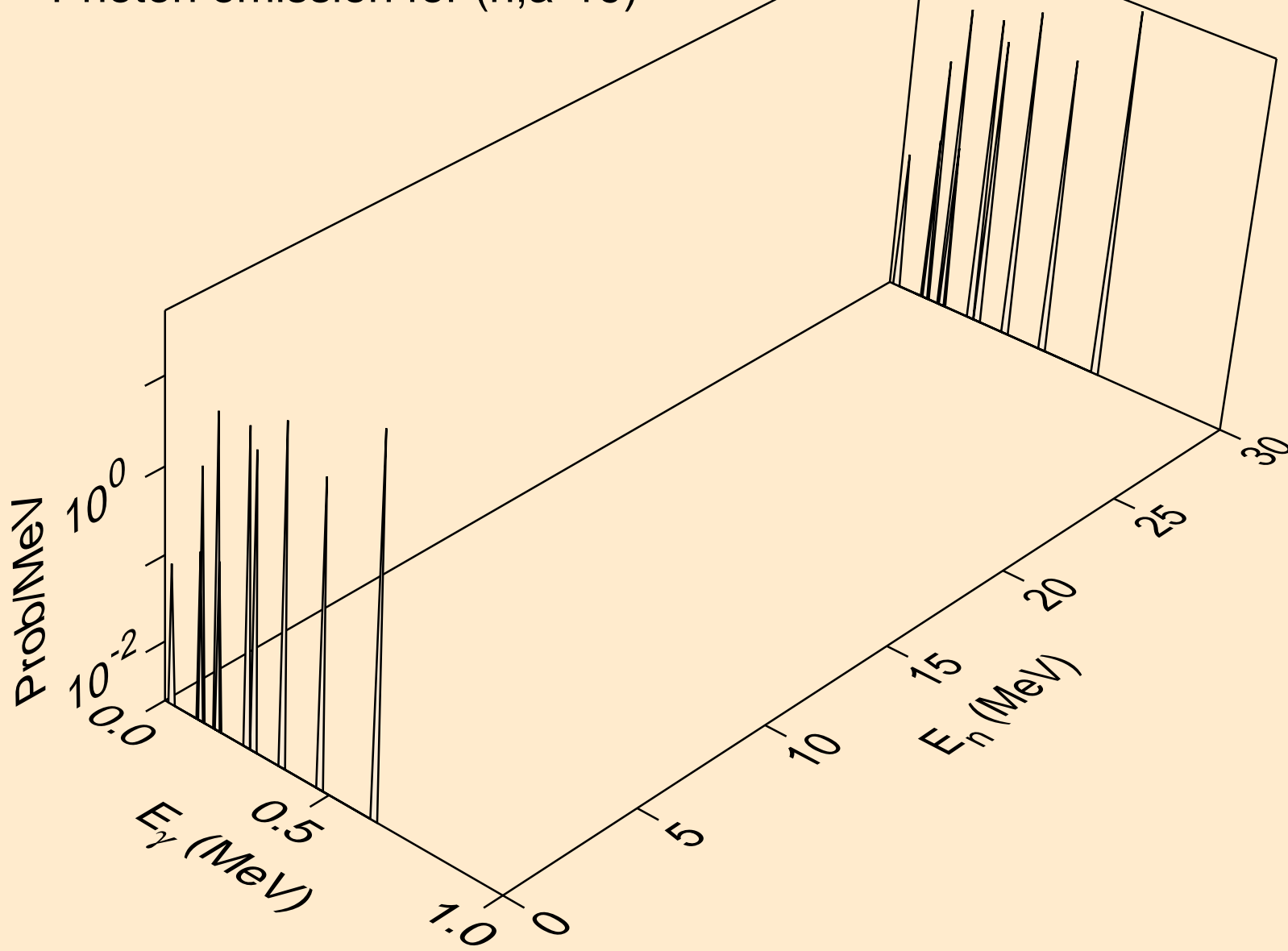
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Photon emission for (n,a\*17)



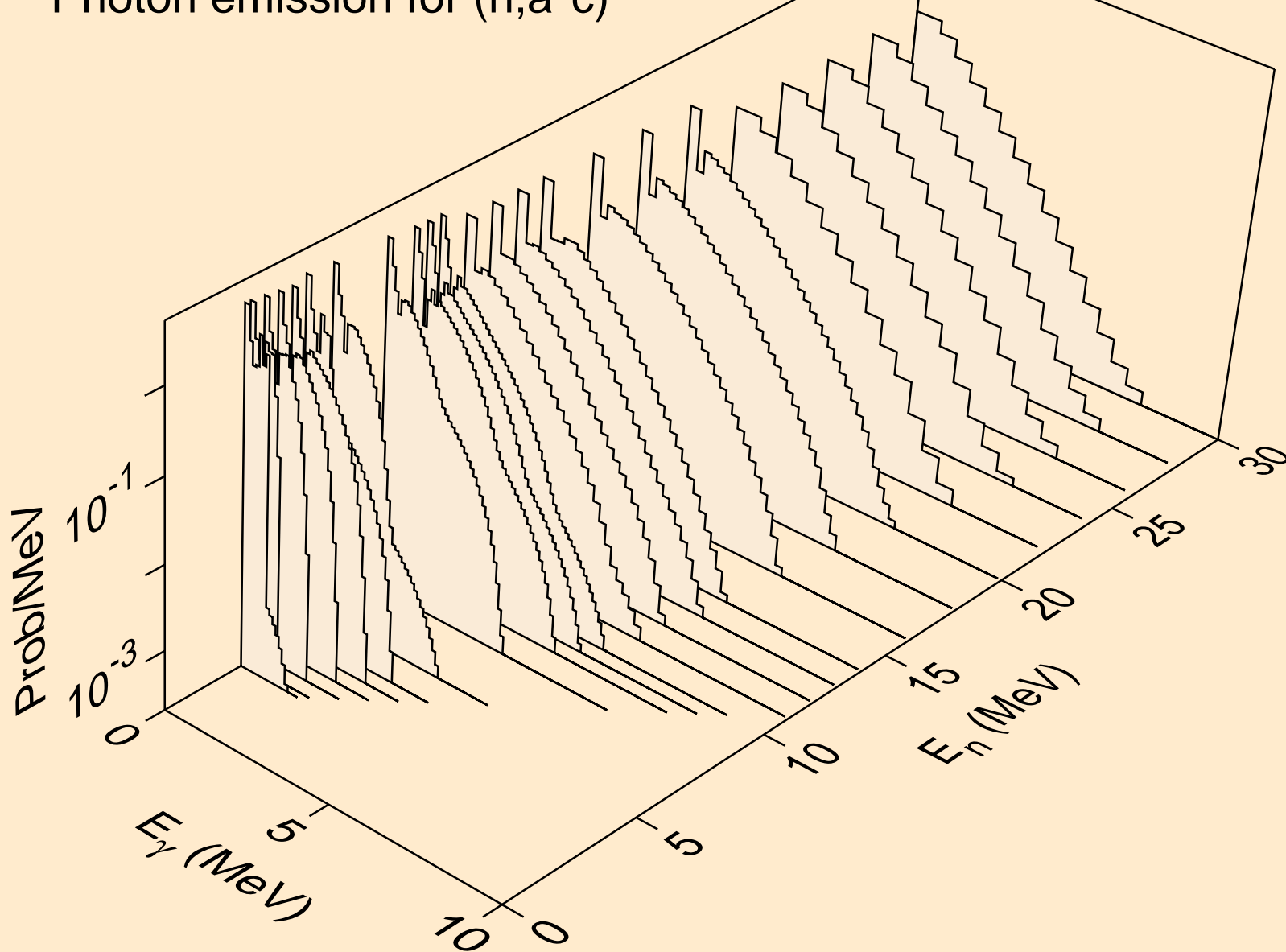
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Photon emission for (n,a\*18)



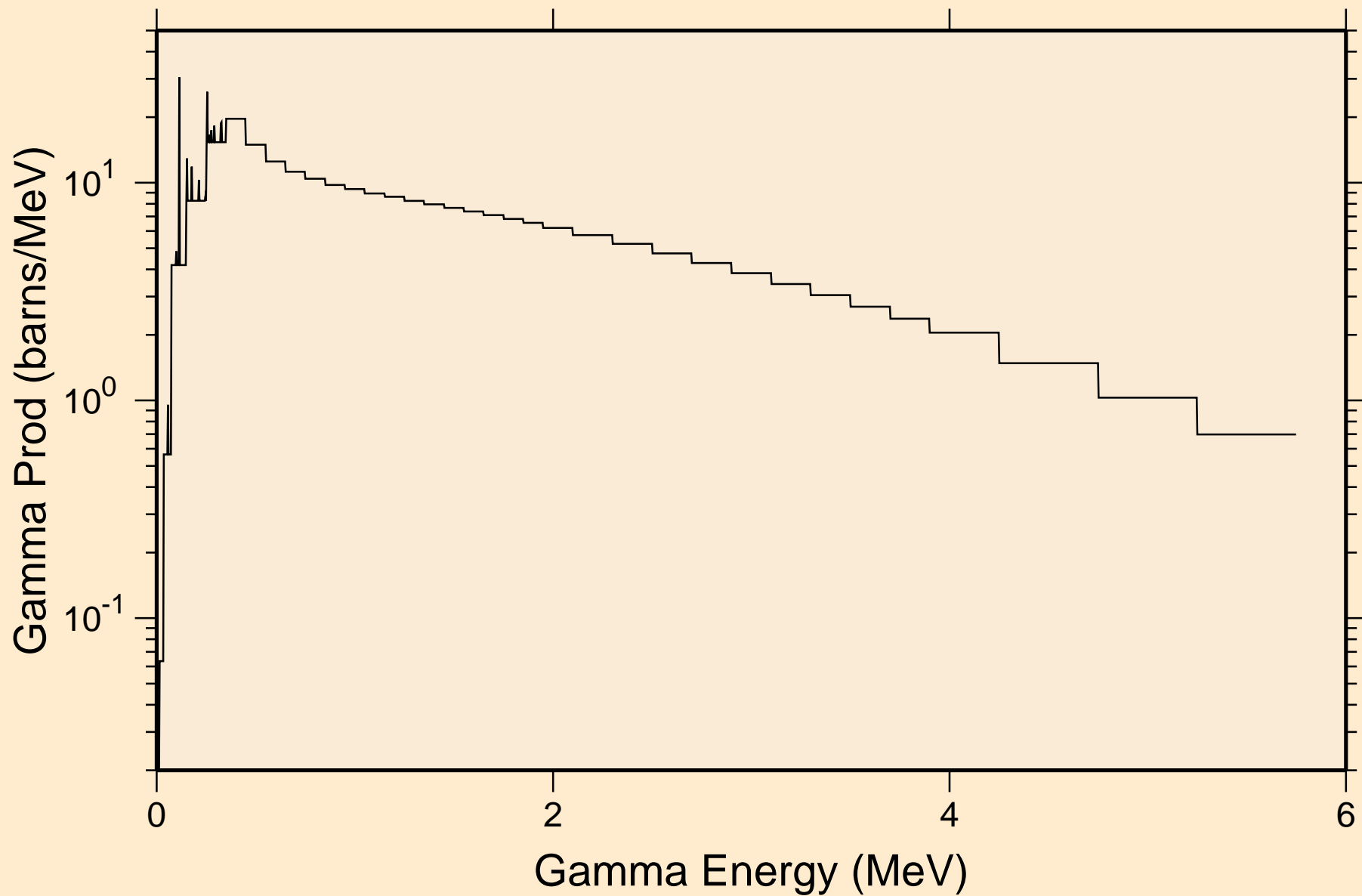
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Photon emission for (n,a\*19)



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,a\*c)

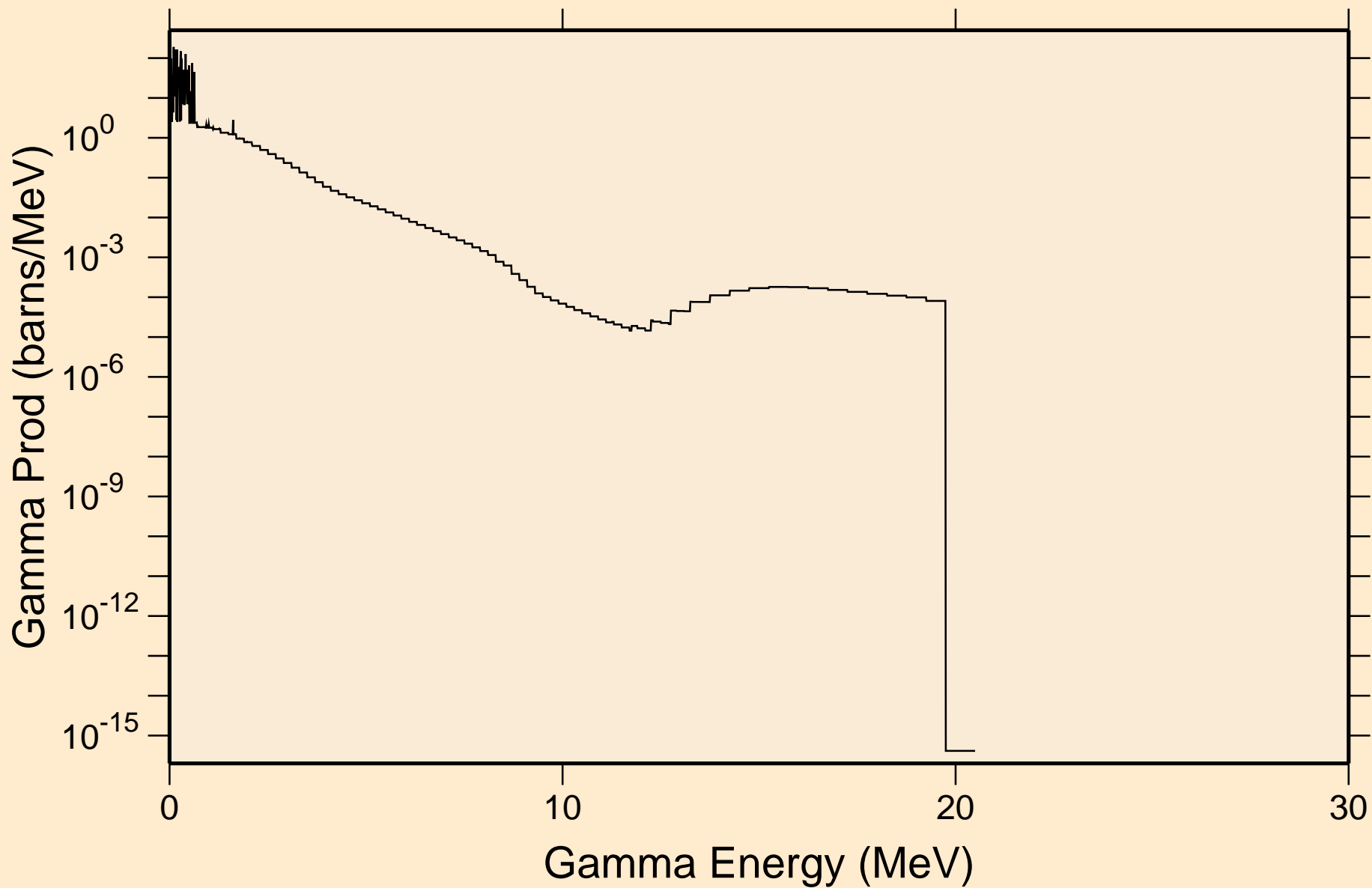


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thermal capture photon spectrum

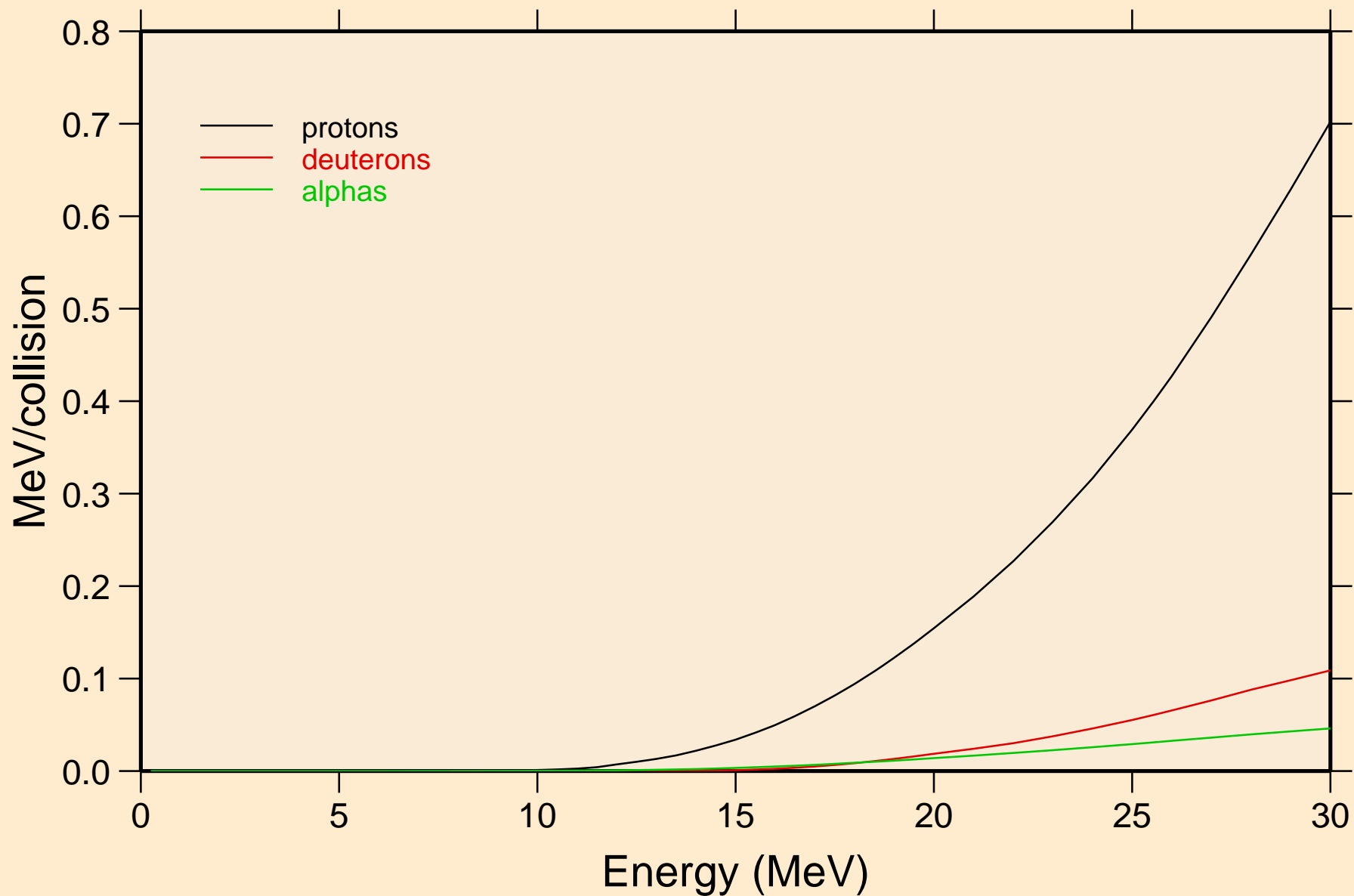




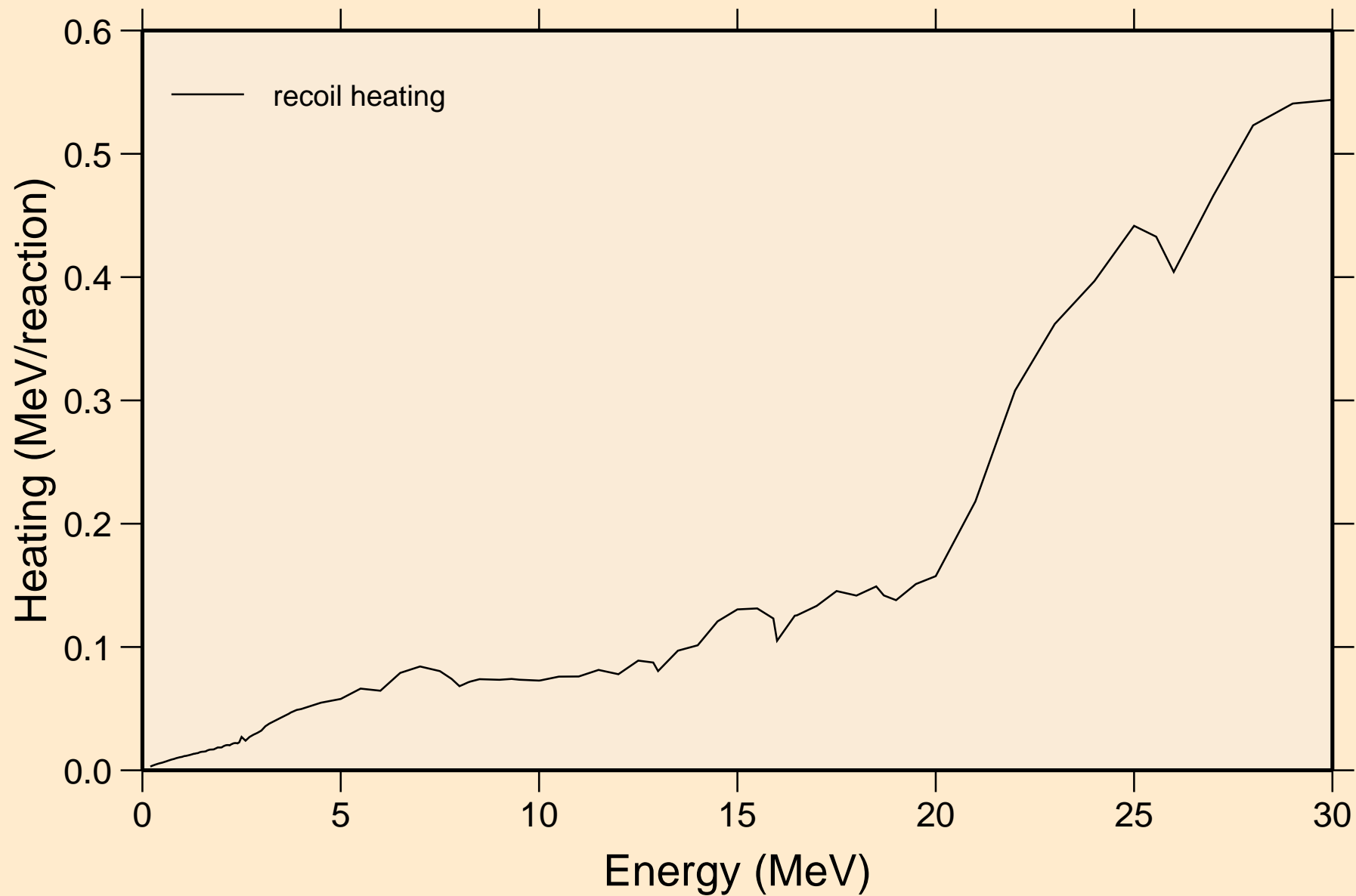
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14 MeV photon spectrum



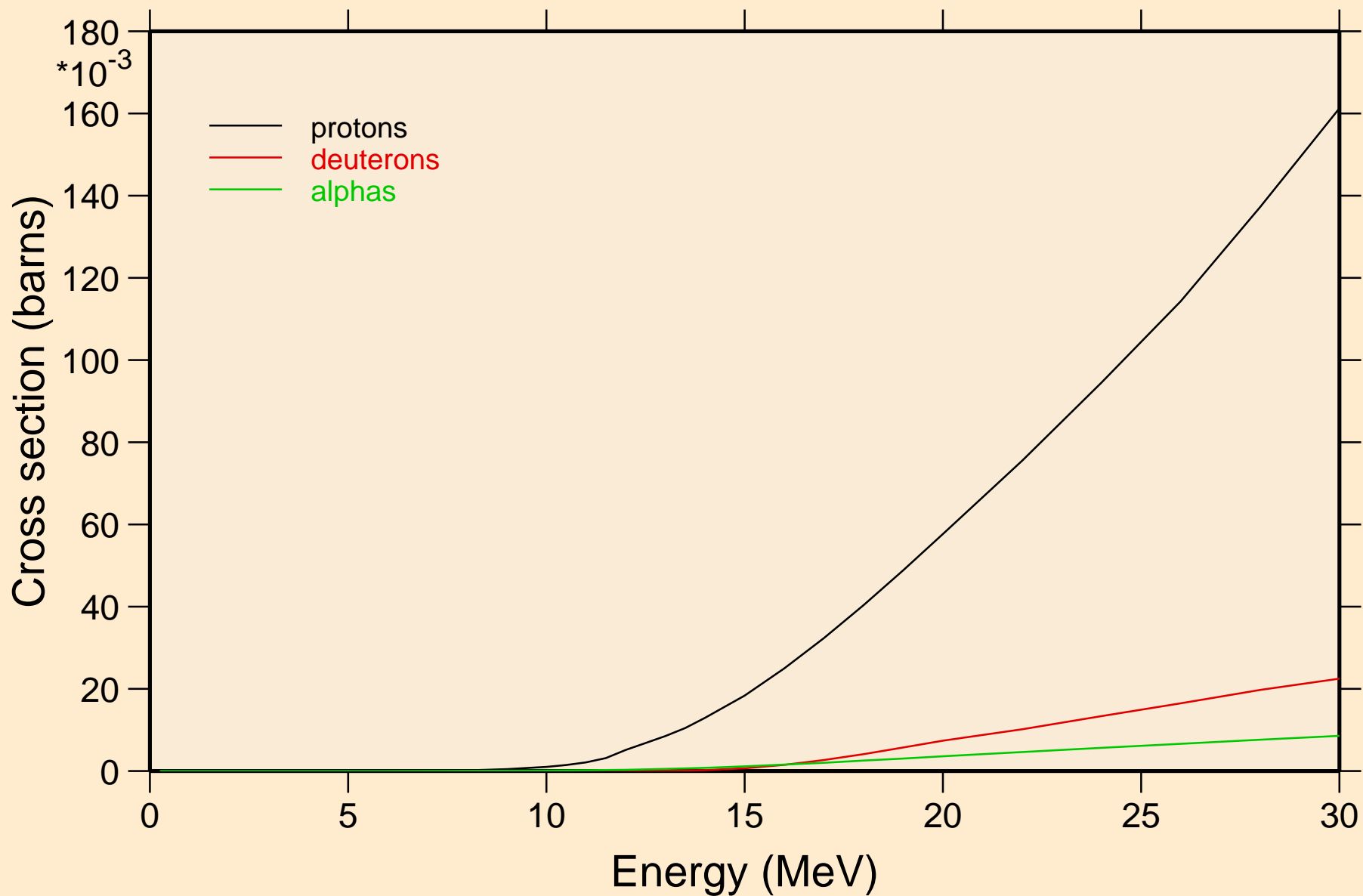
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Particle heating contributions



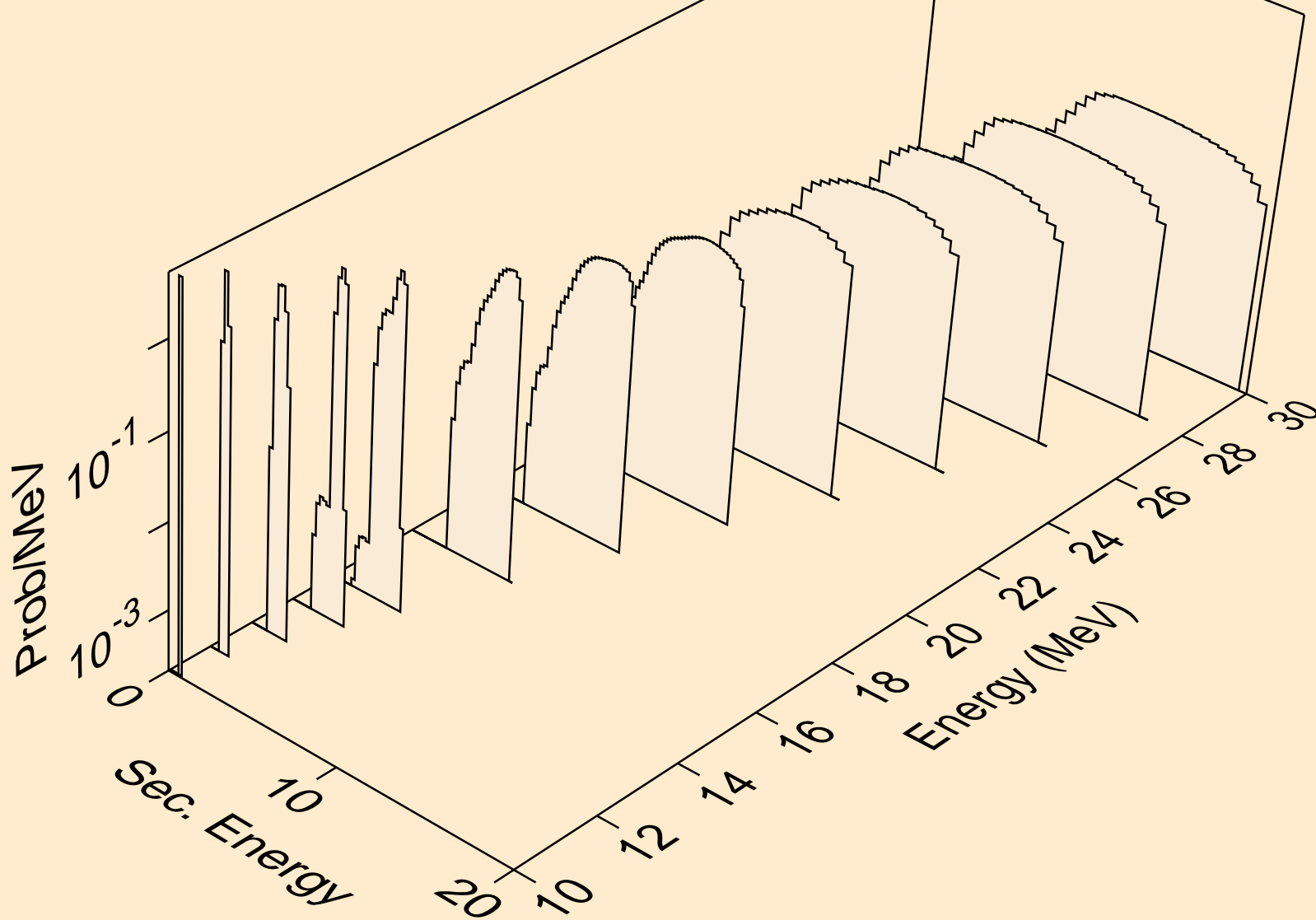
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Recoil Heating



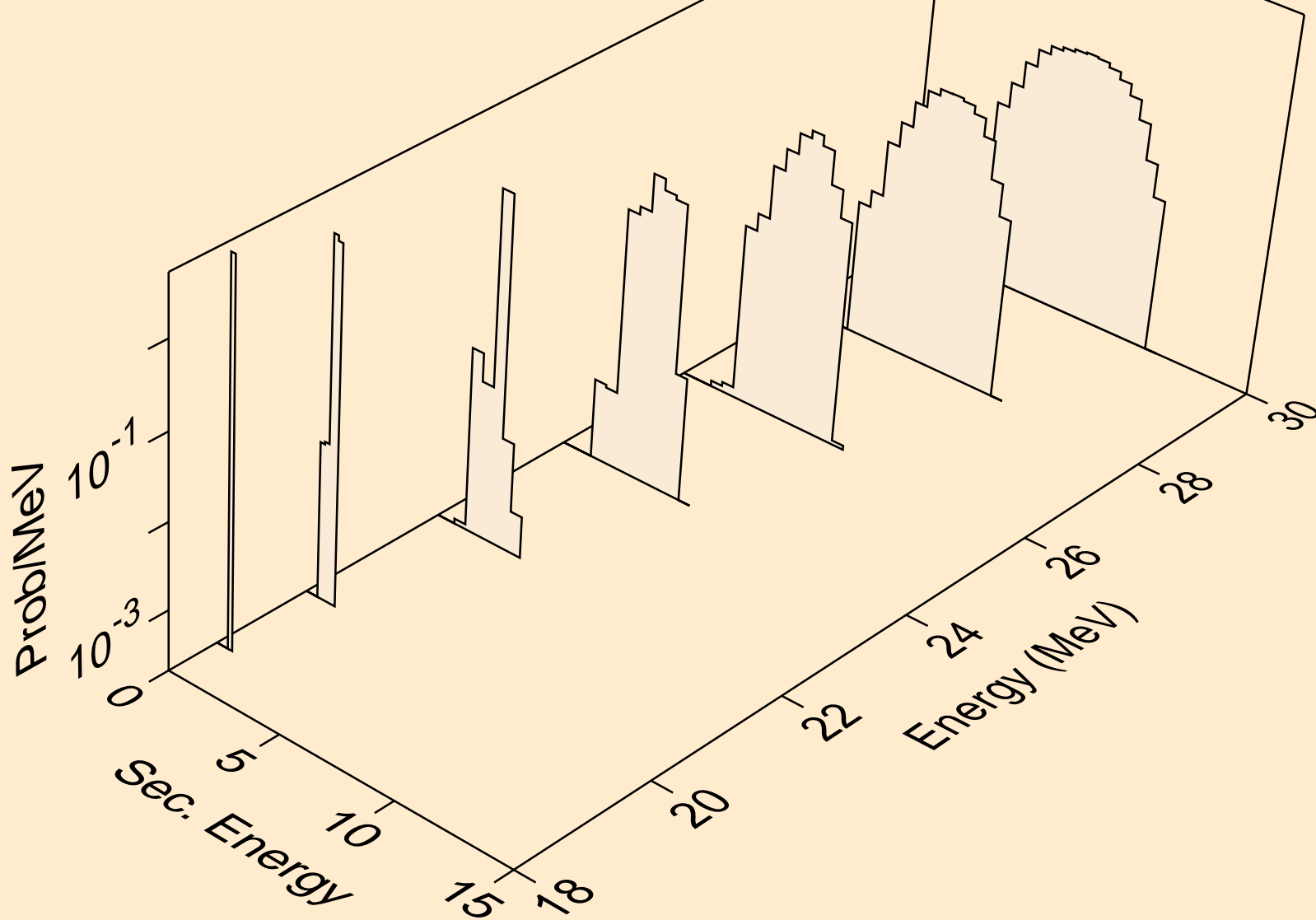
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Particle production cross sections



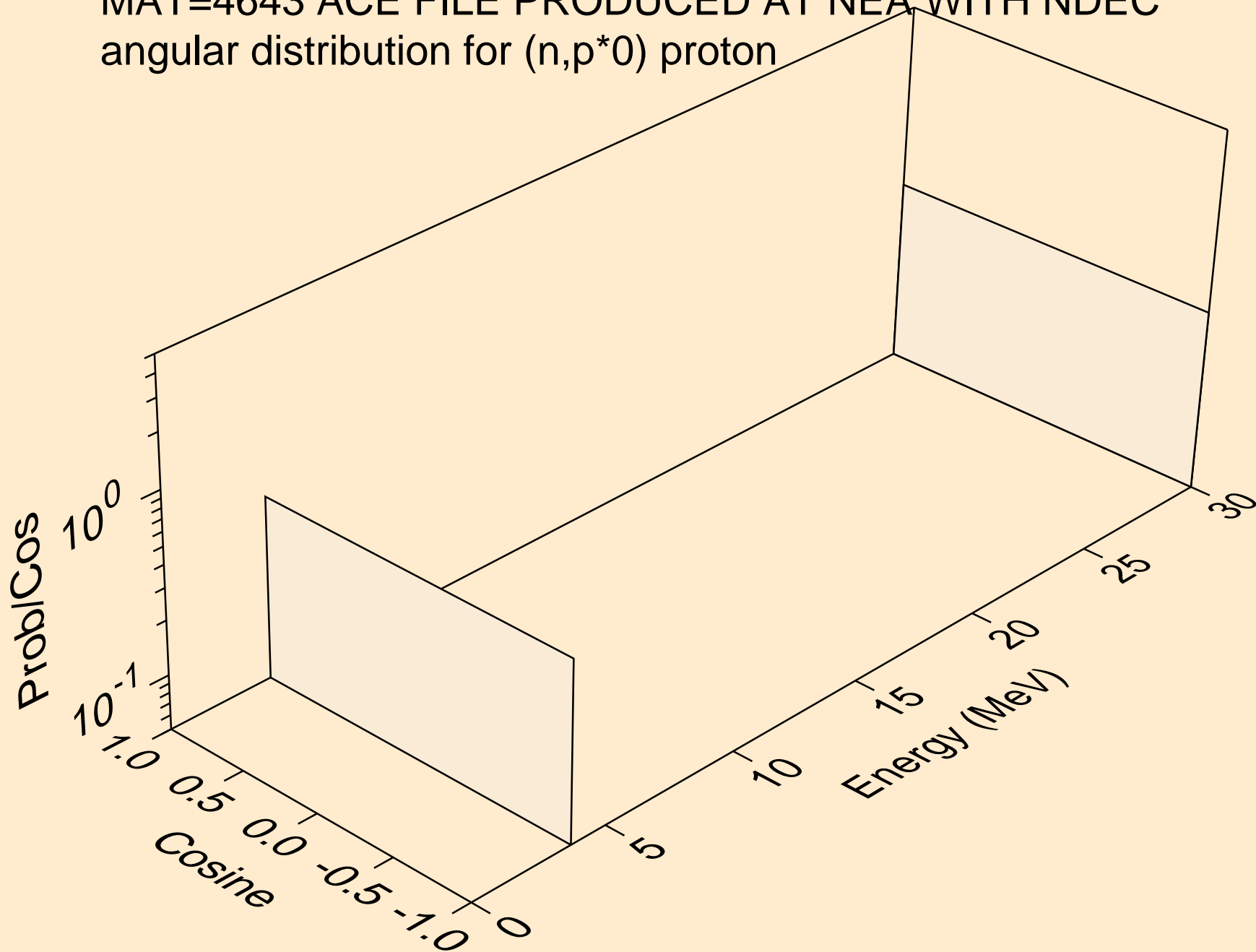
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protons from (n,n\*)p



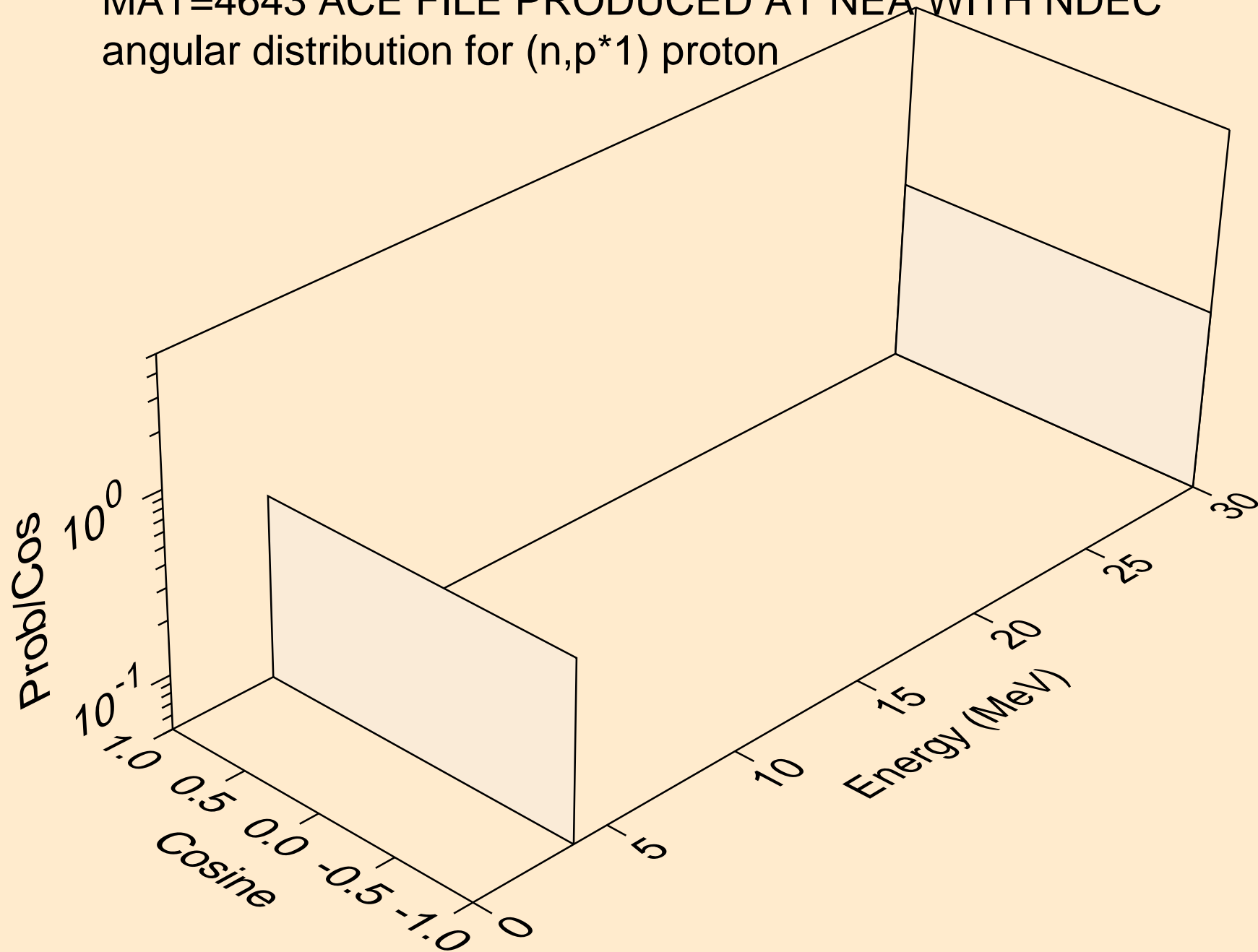
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
protons from (n,2np)



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,p\*0) proton

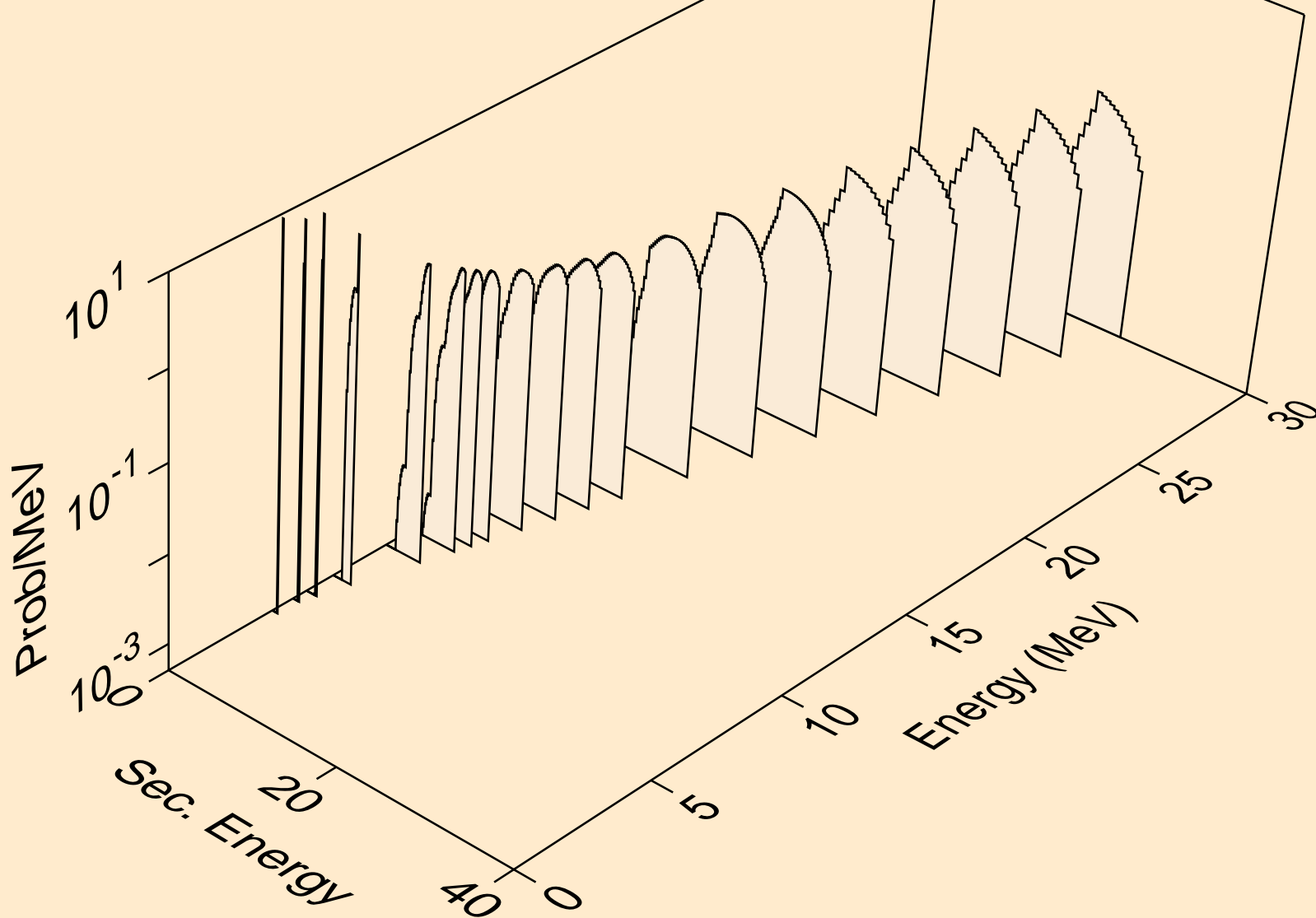


MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,p\*1) proton

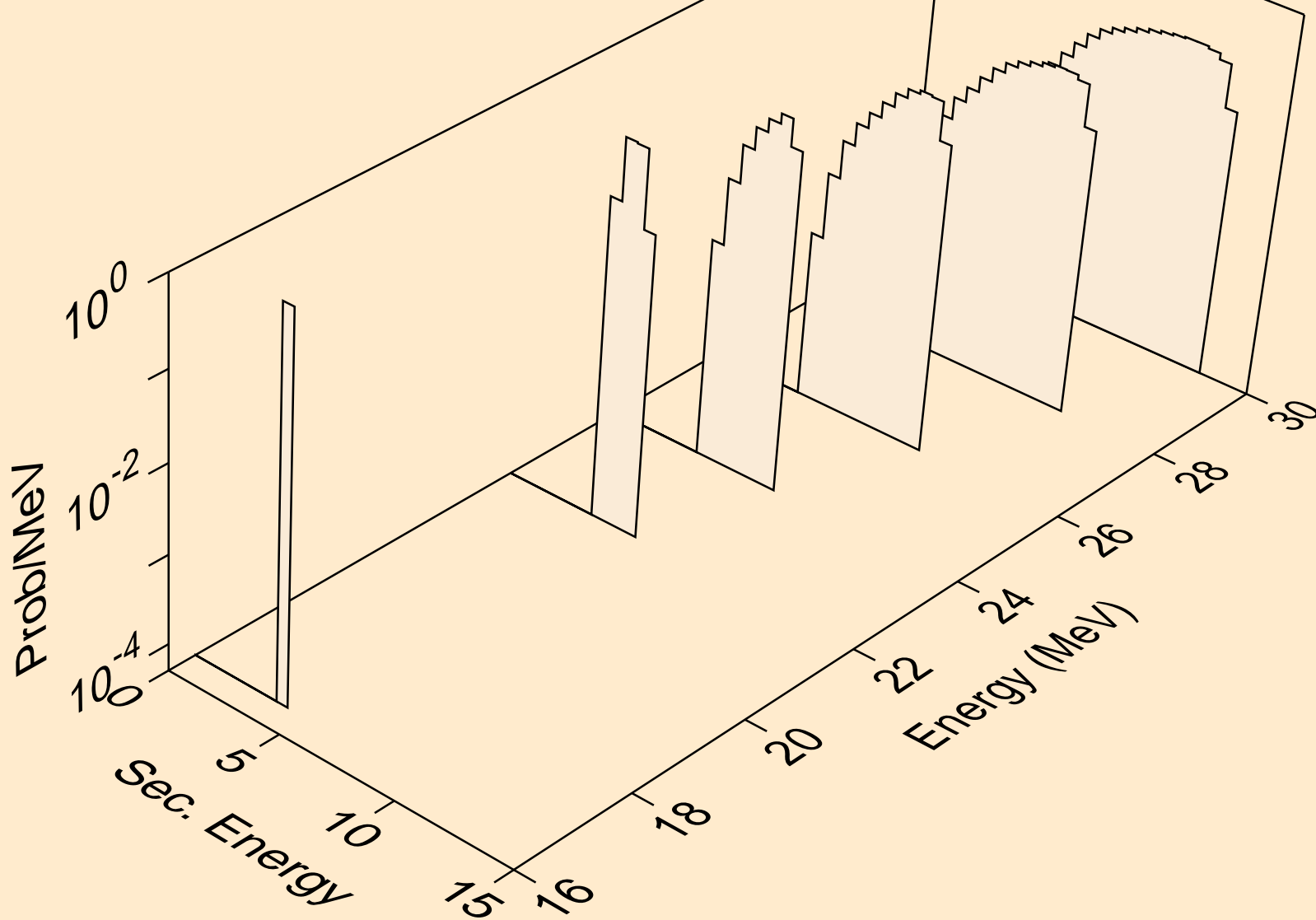




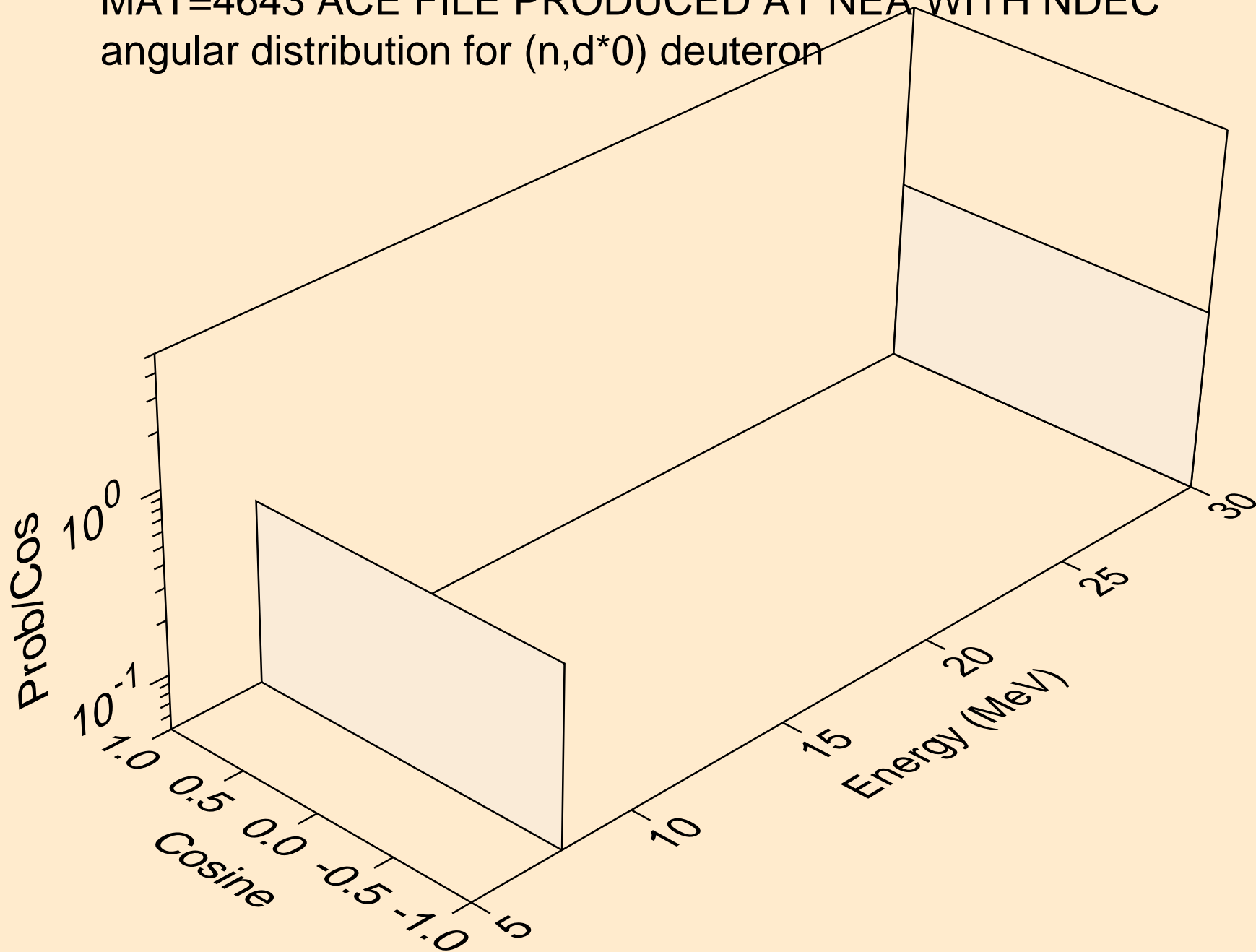
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protons from (n,p\*c)



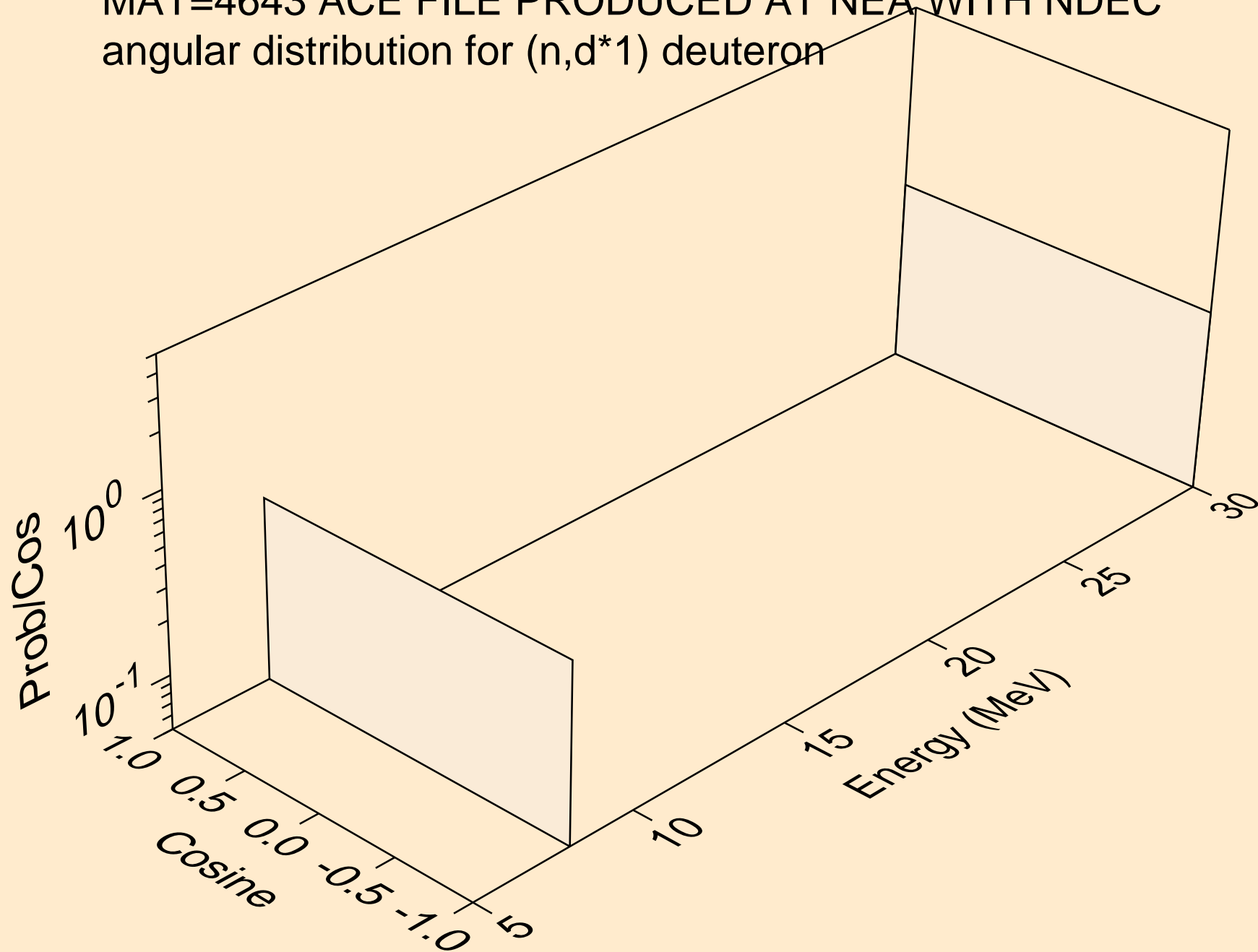
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deuterons from (n,n\*)d



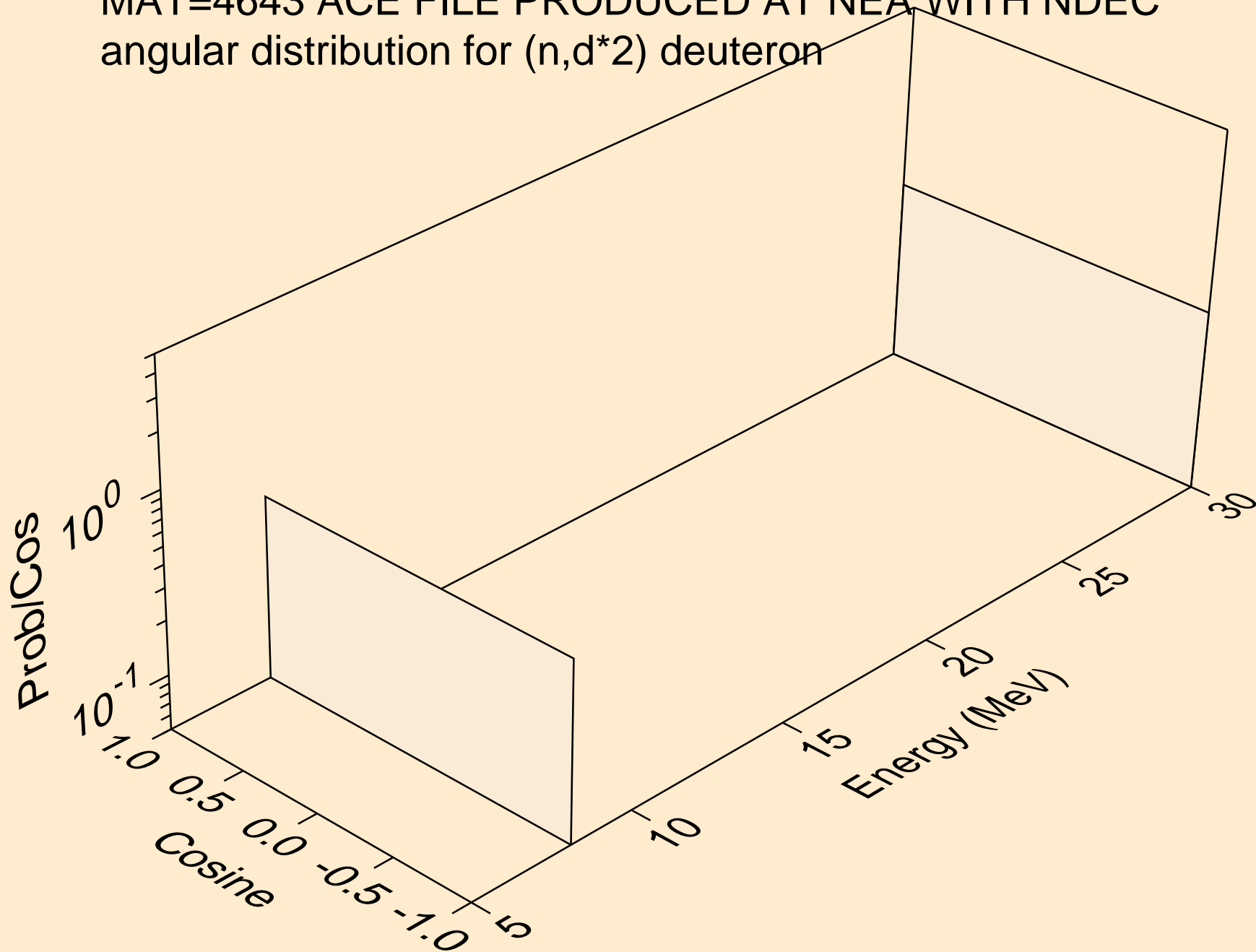
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angular distribution for (n,d\*0) deuteron



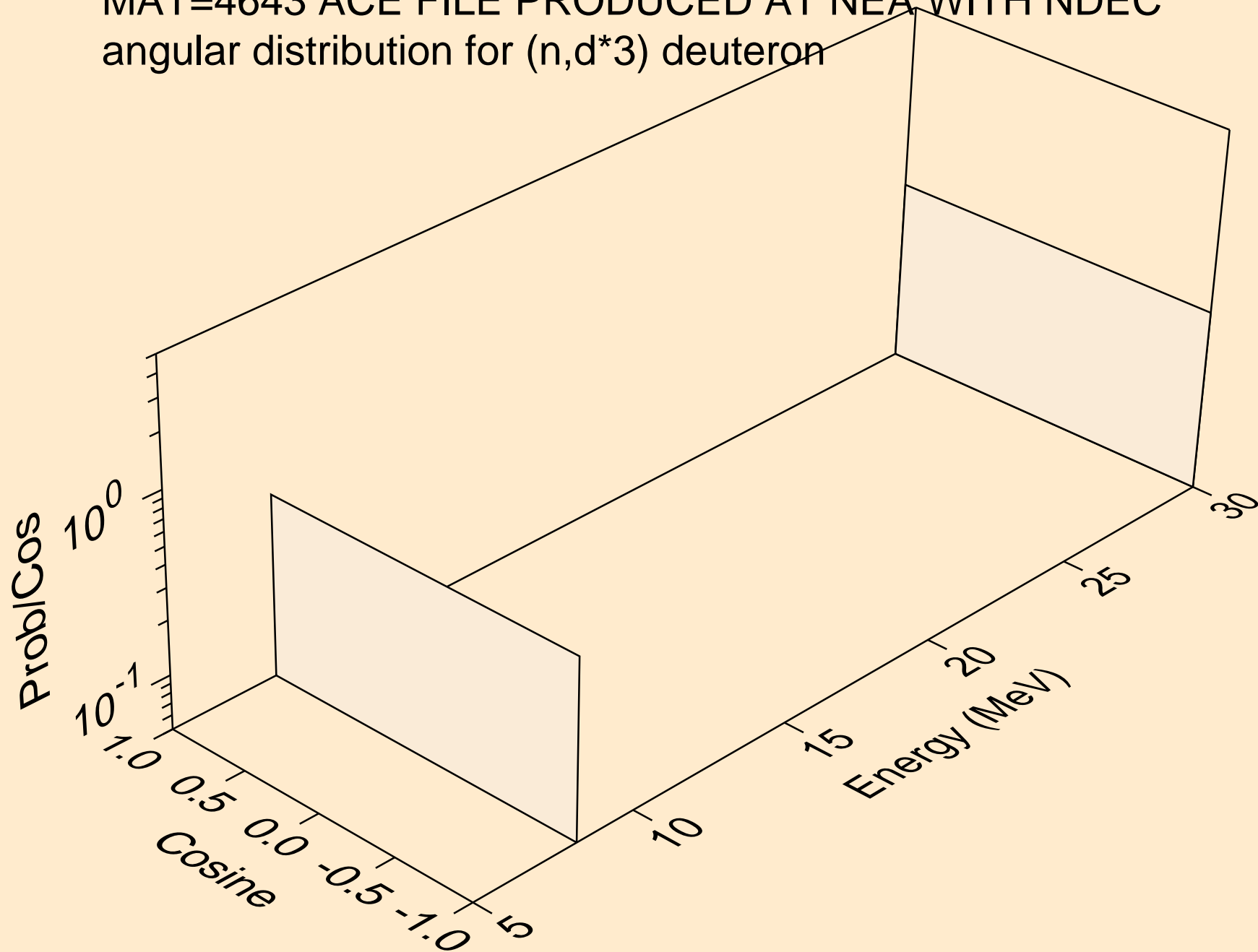
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angular distribution for (n,d\*1) deuteron



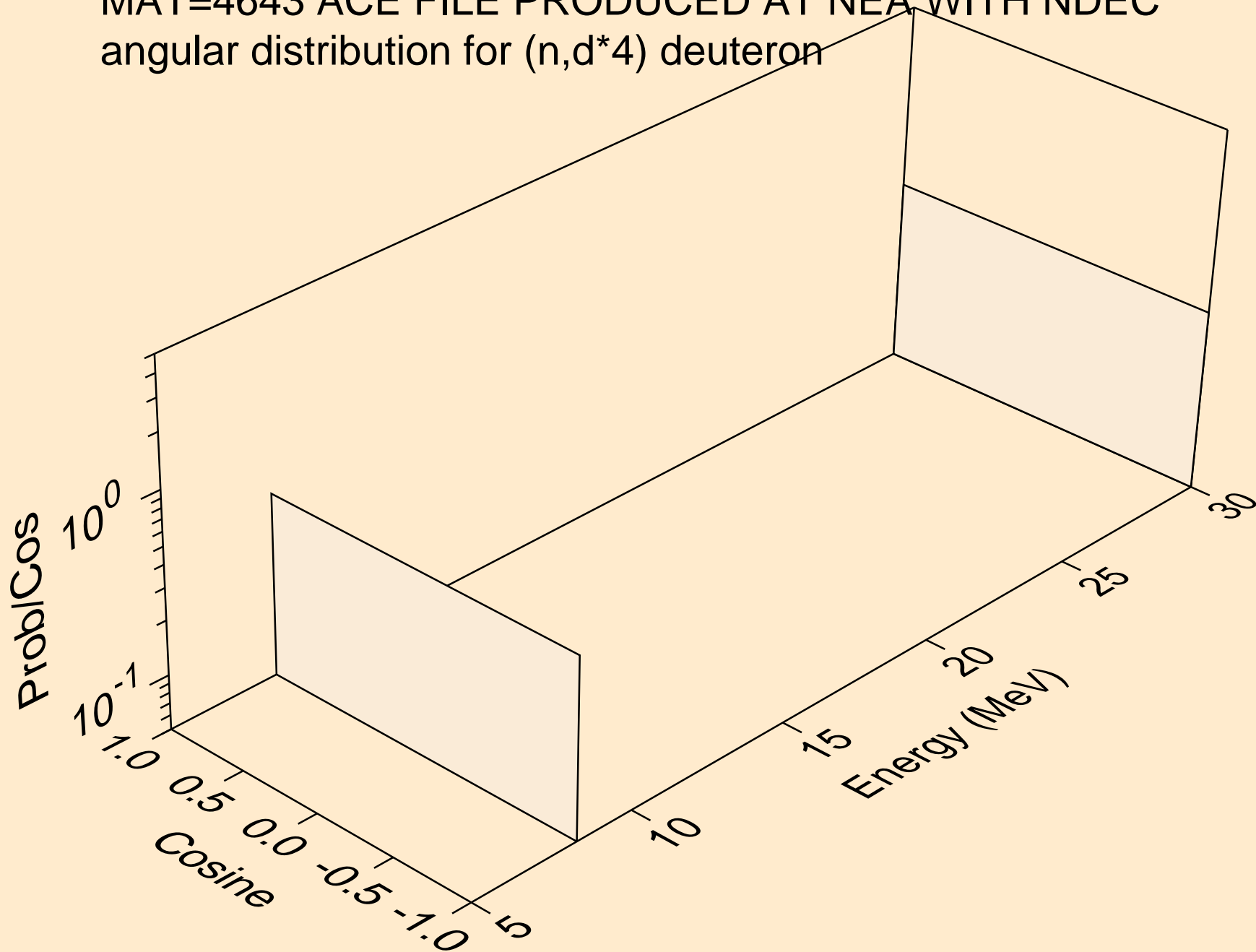
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angular distribution for (n,d\*2) deuteron



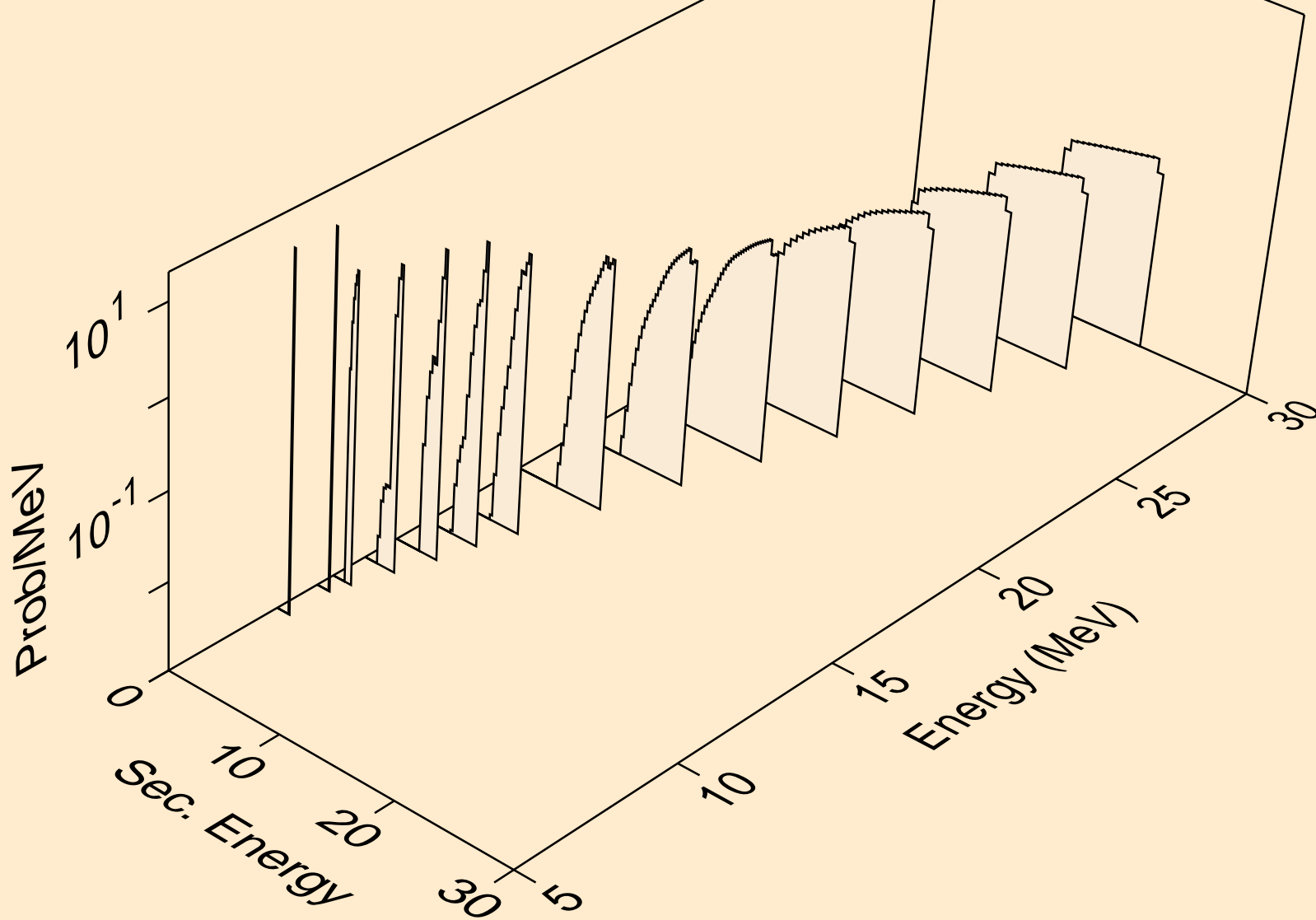
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,d\*3) deuteron



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,d\*4) deuteron

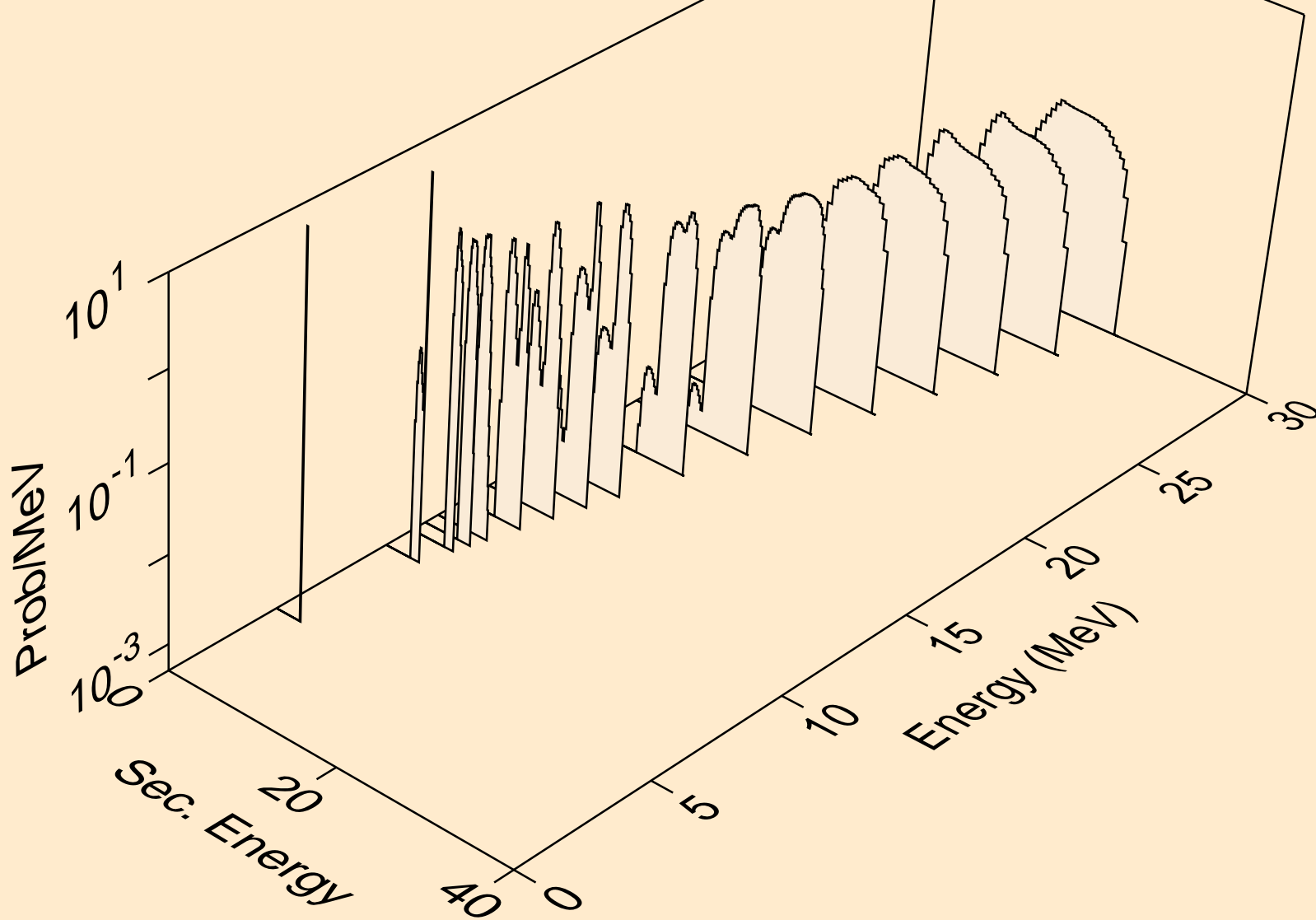


MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
deuterons from (n,d\*c)

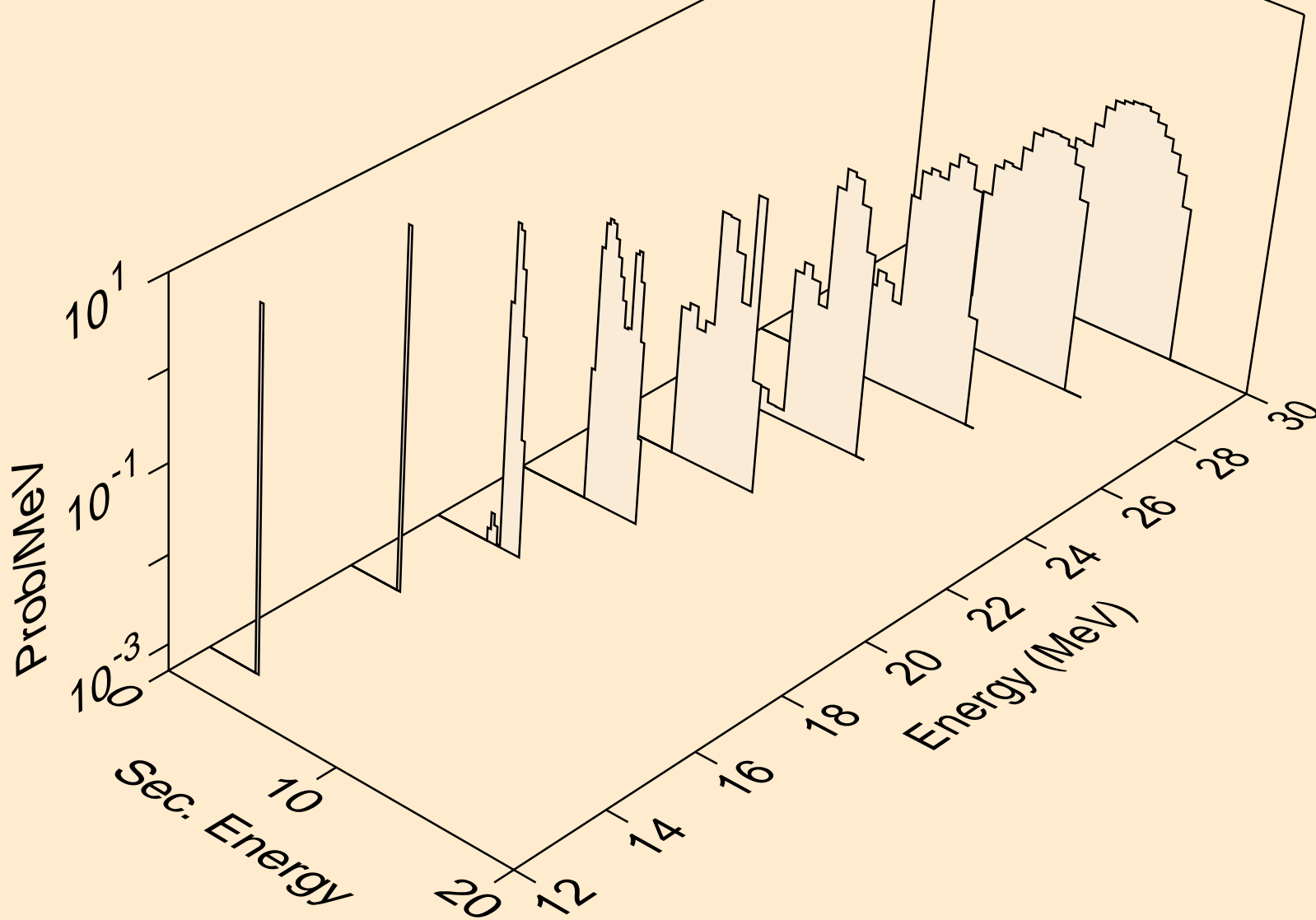




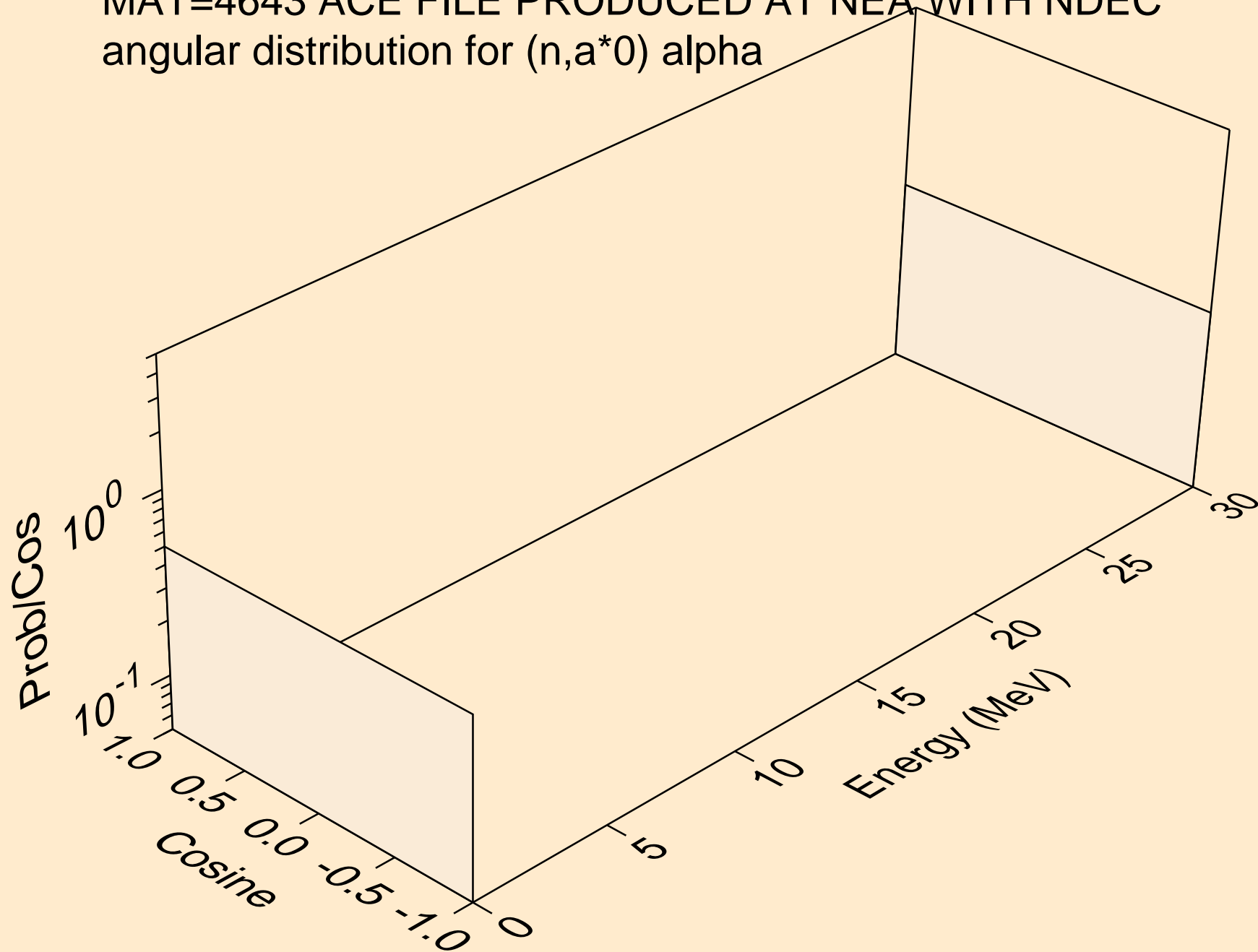
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alphas from (n,n\*)a



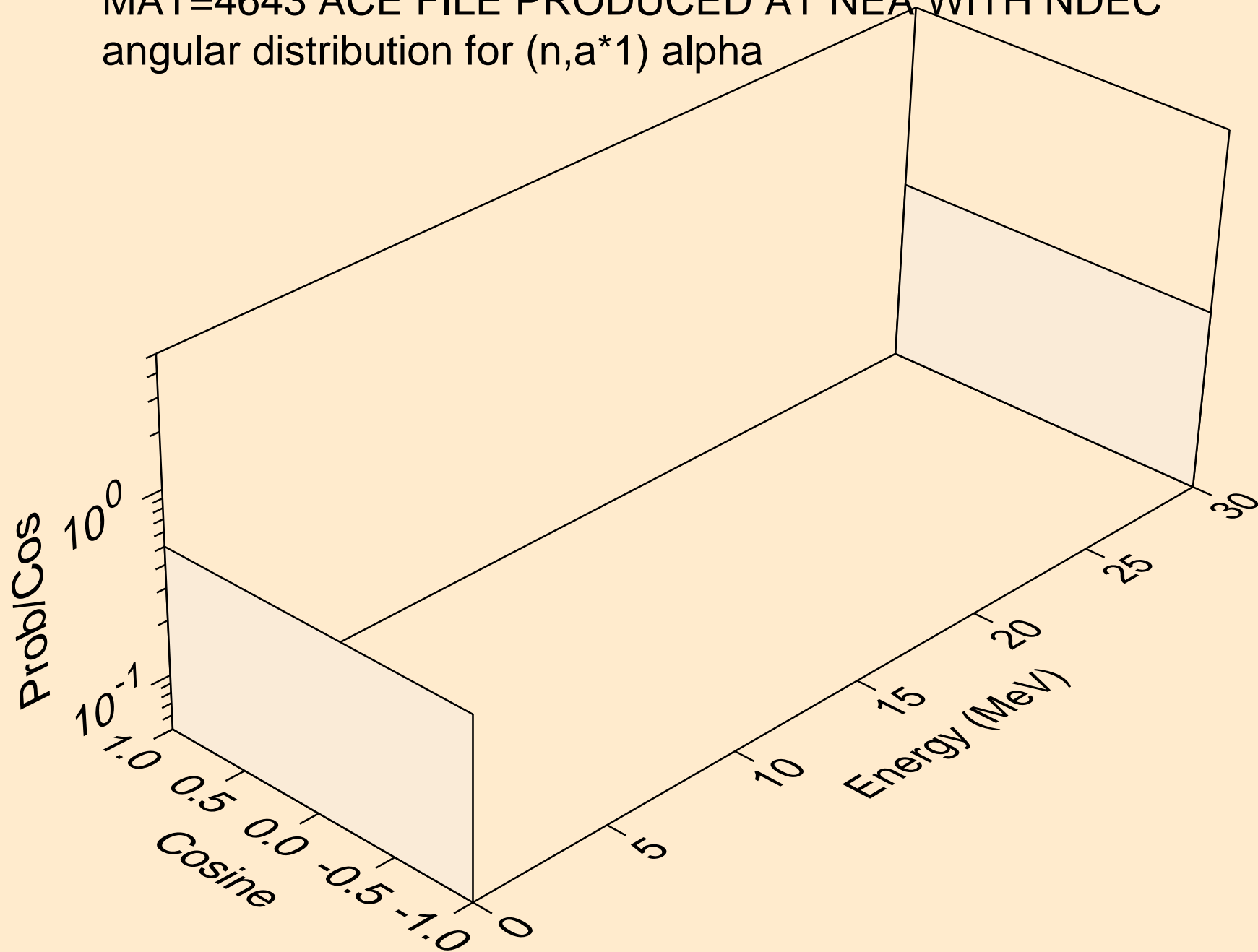
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alphas from (n,2n)a



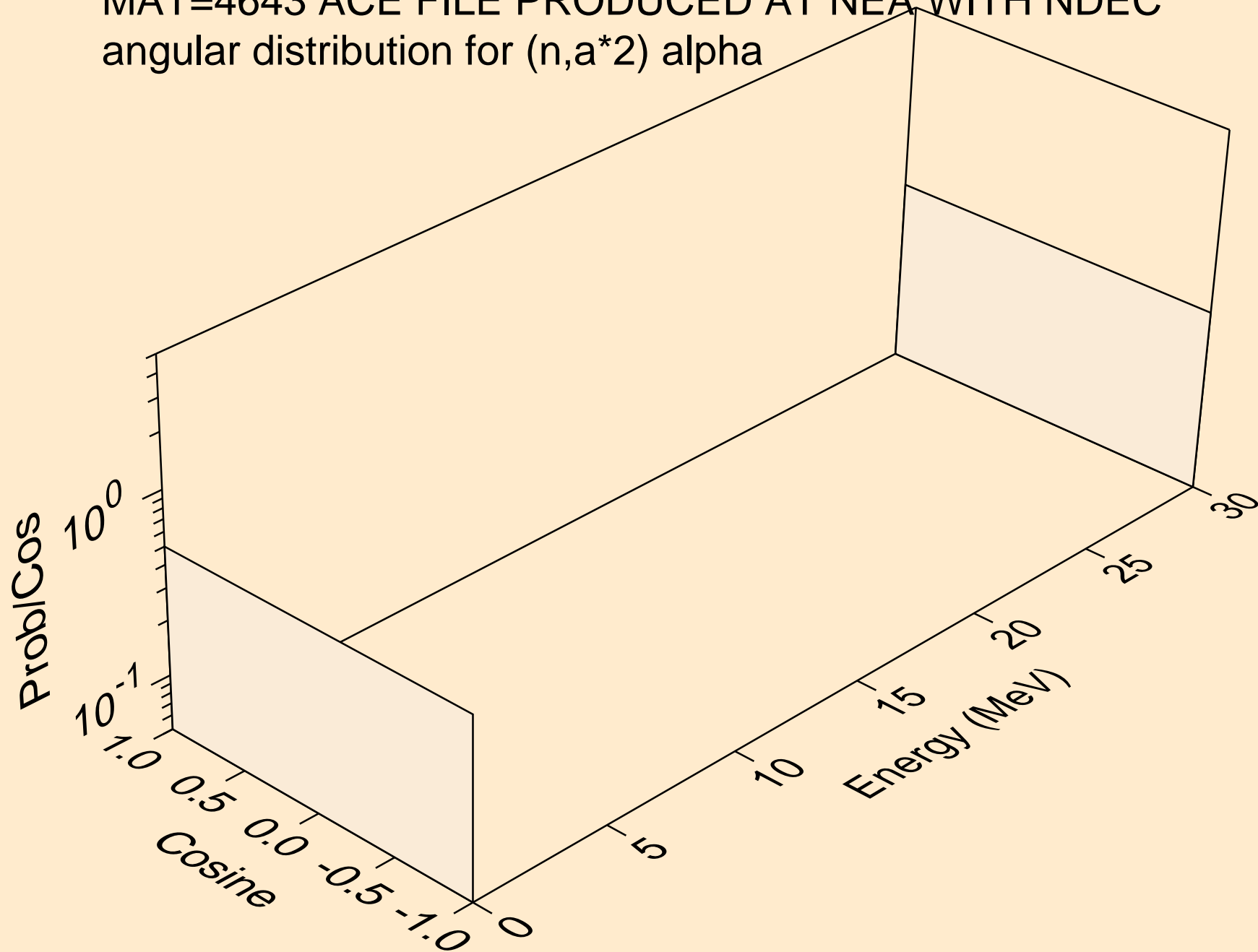
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angular distribution for (n,a\*0) alpha



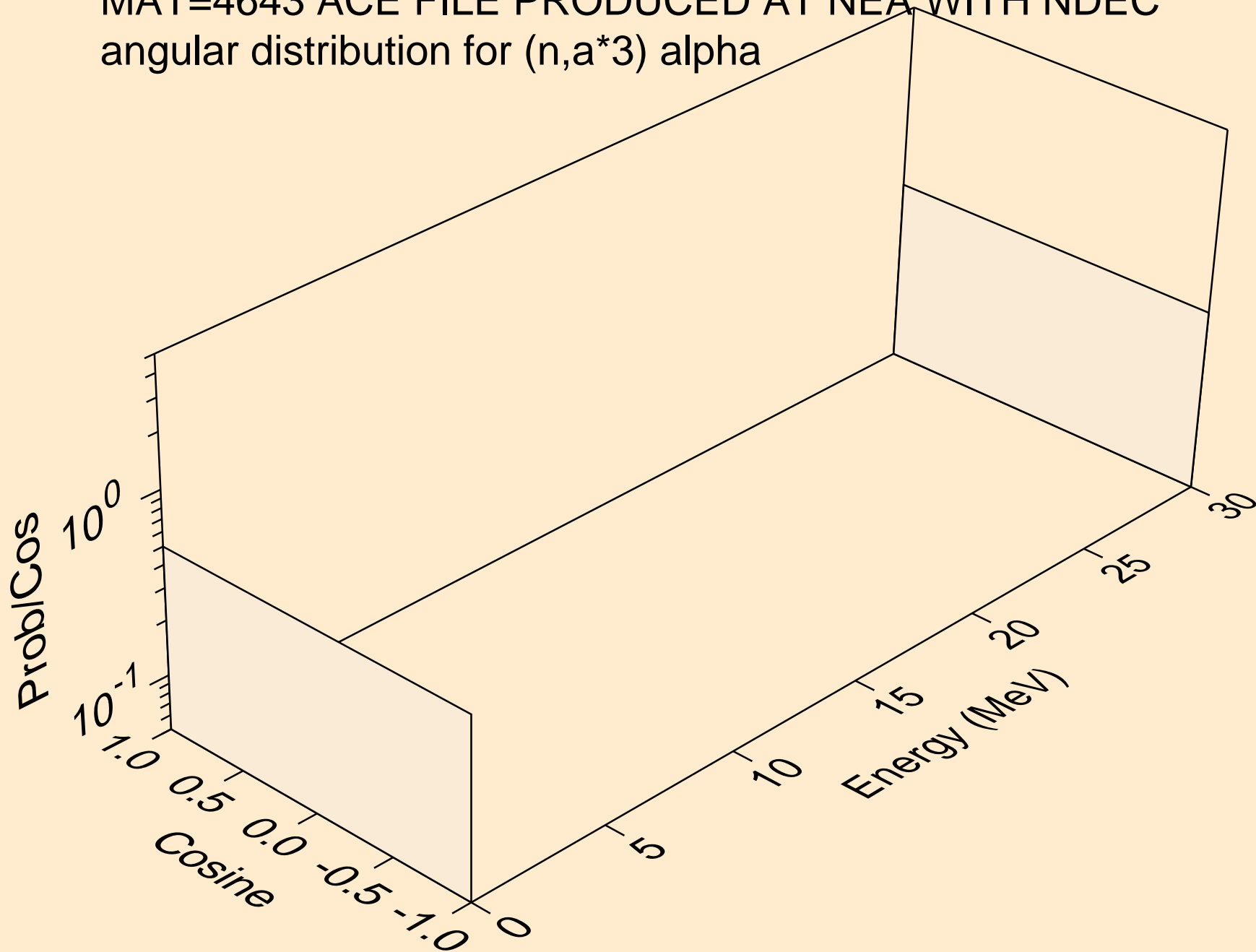
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angular distribution for (n,a\*1) alpha



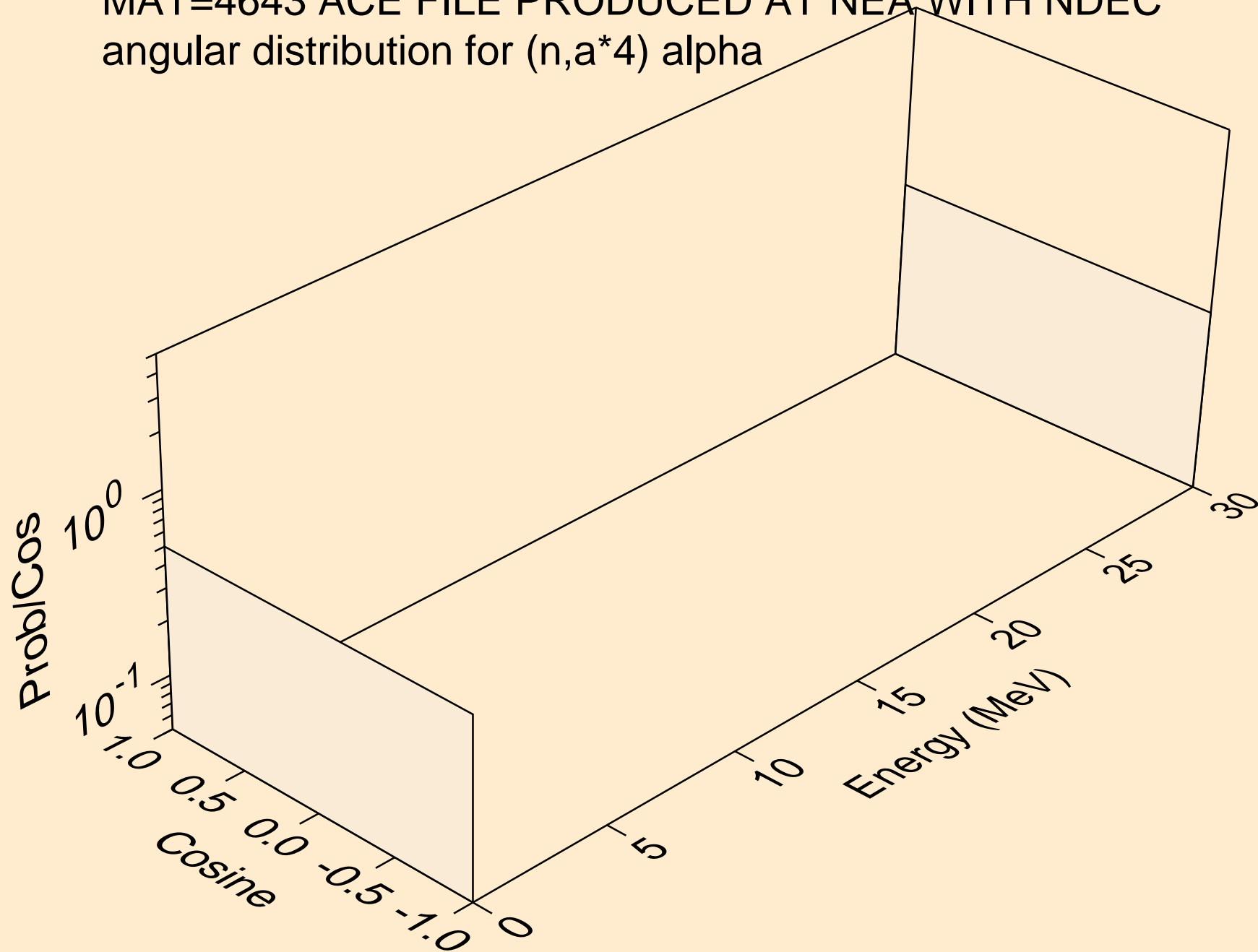
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*2) alpha



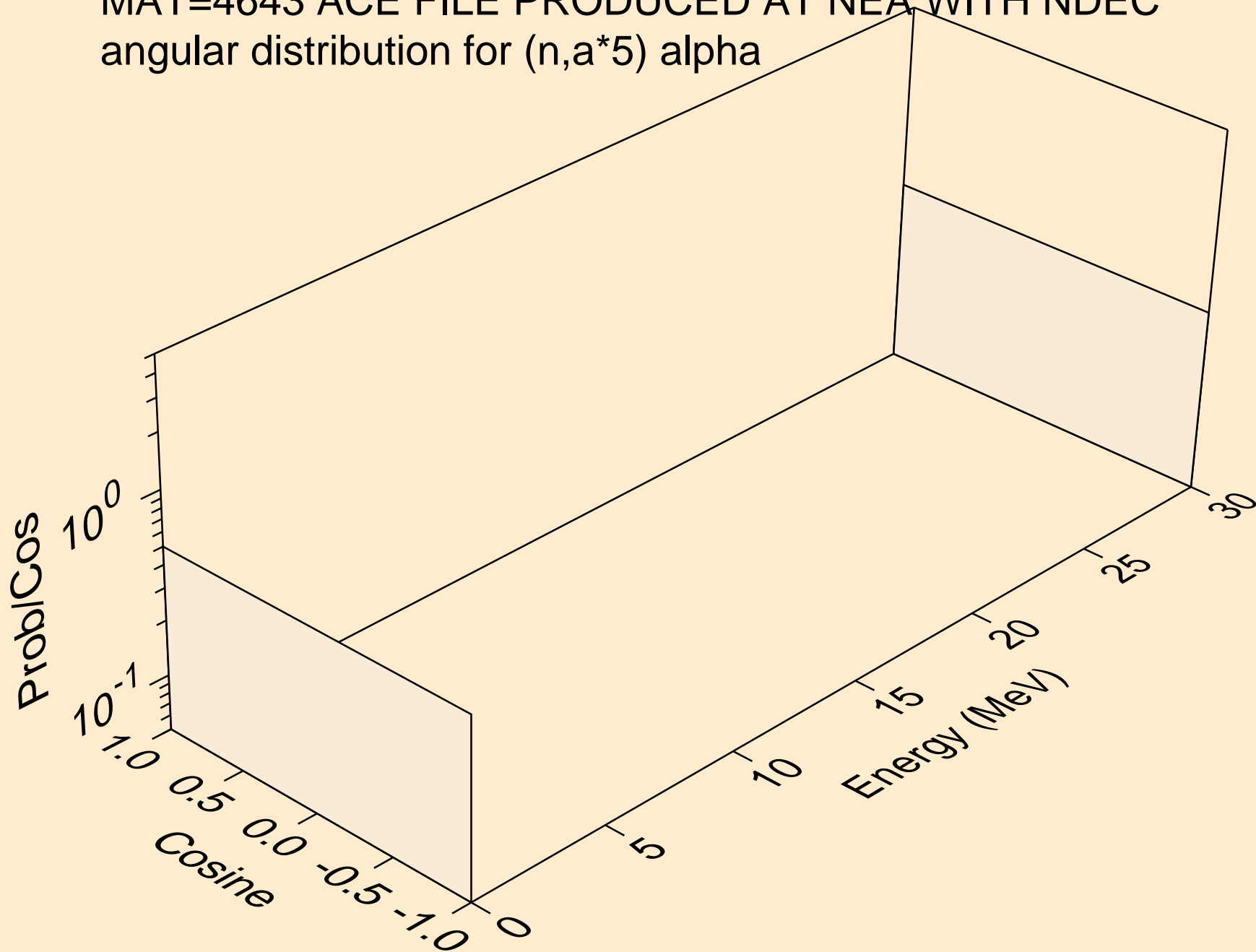
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*3) alpha



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*4) alpha

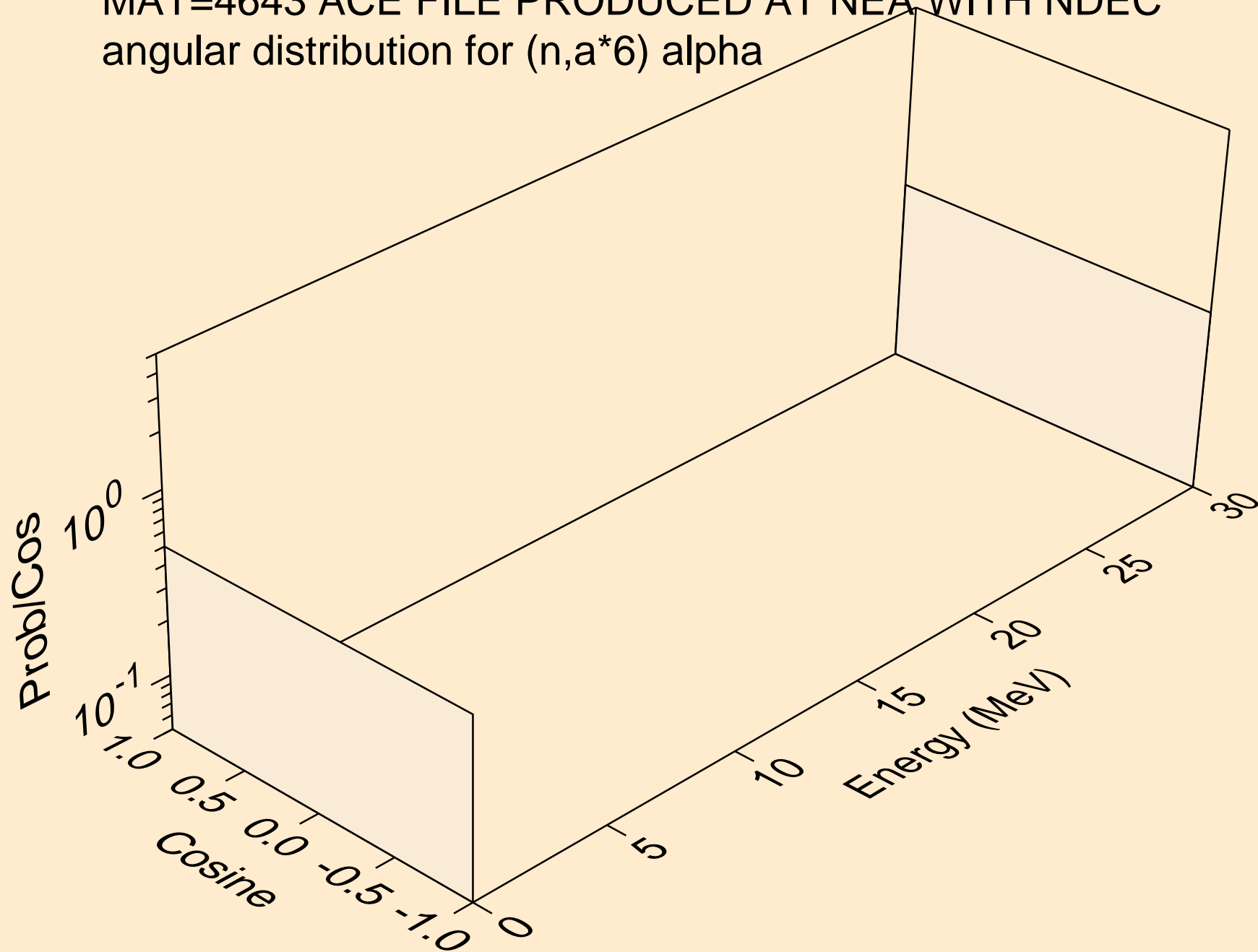


MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*5) alpha

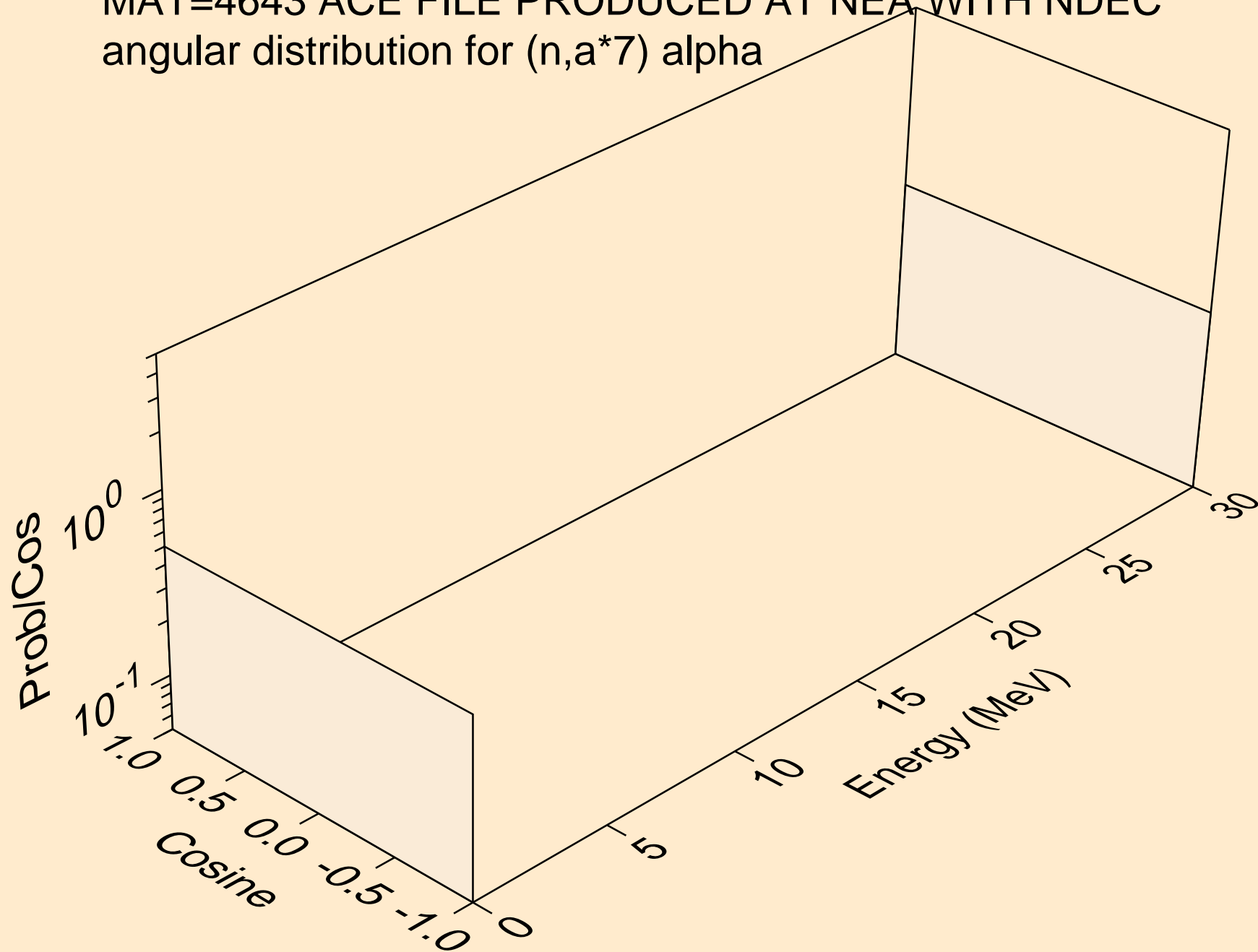




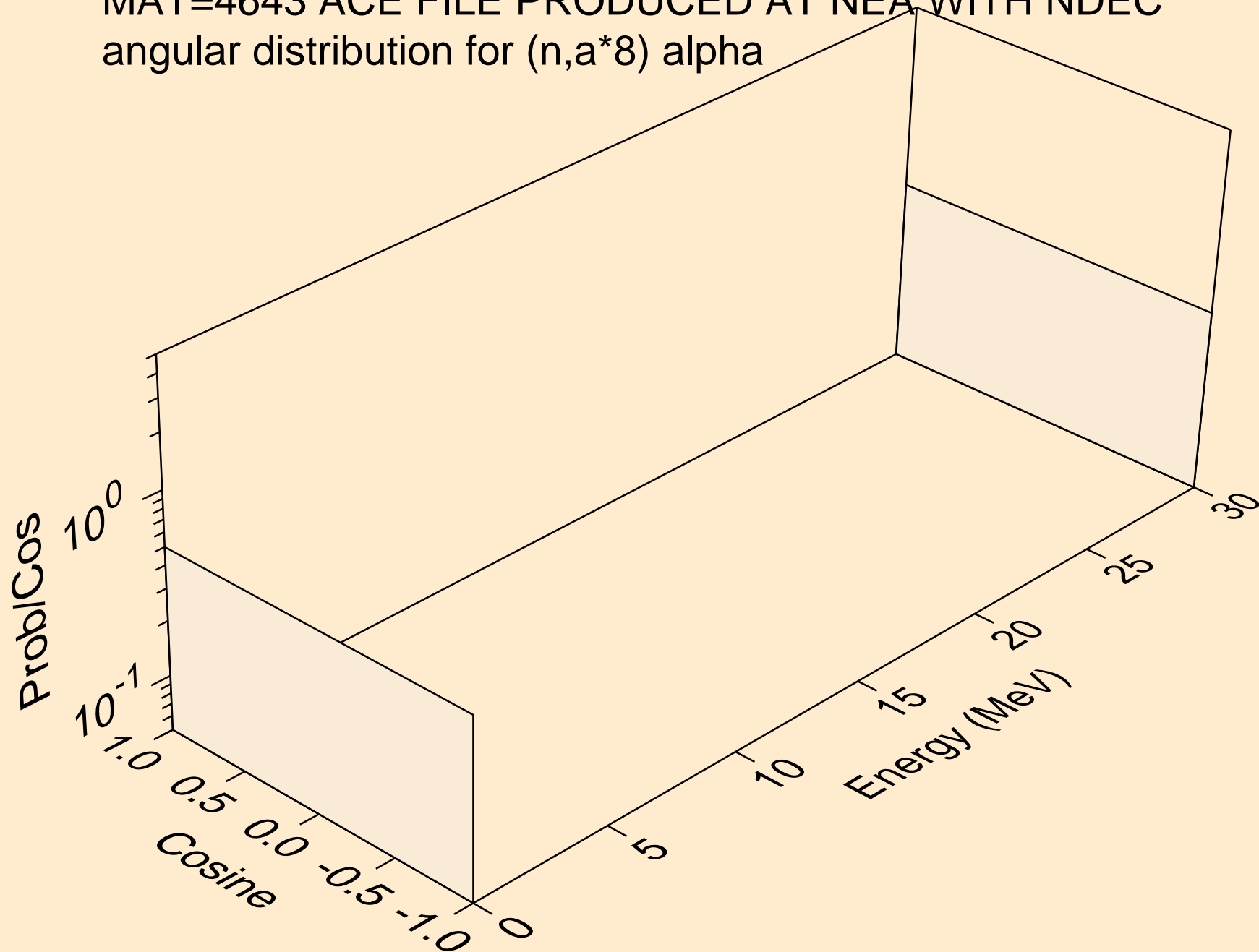
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*6) alpha



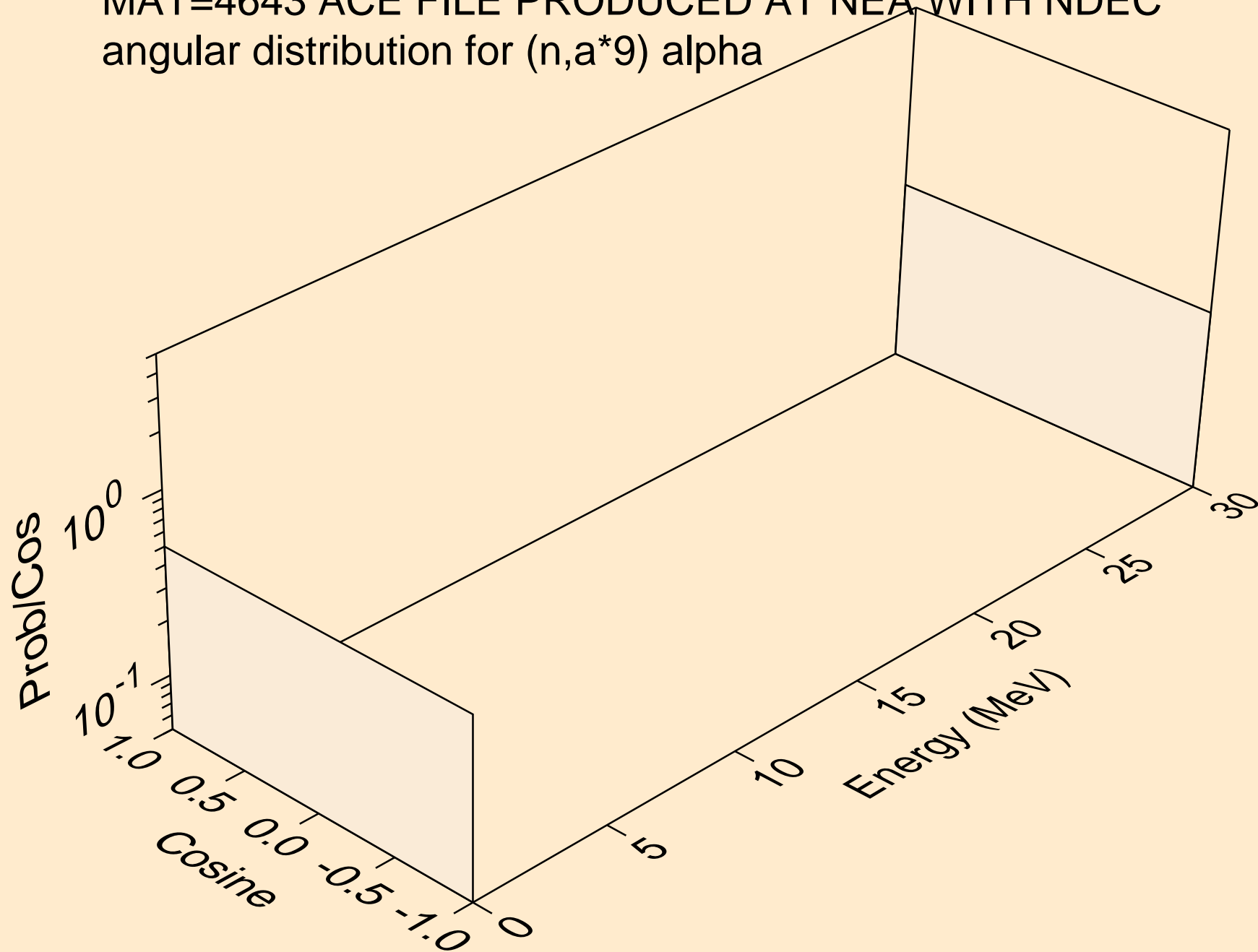
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*7) alpha



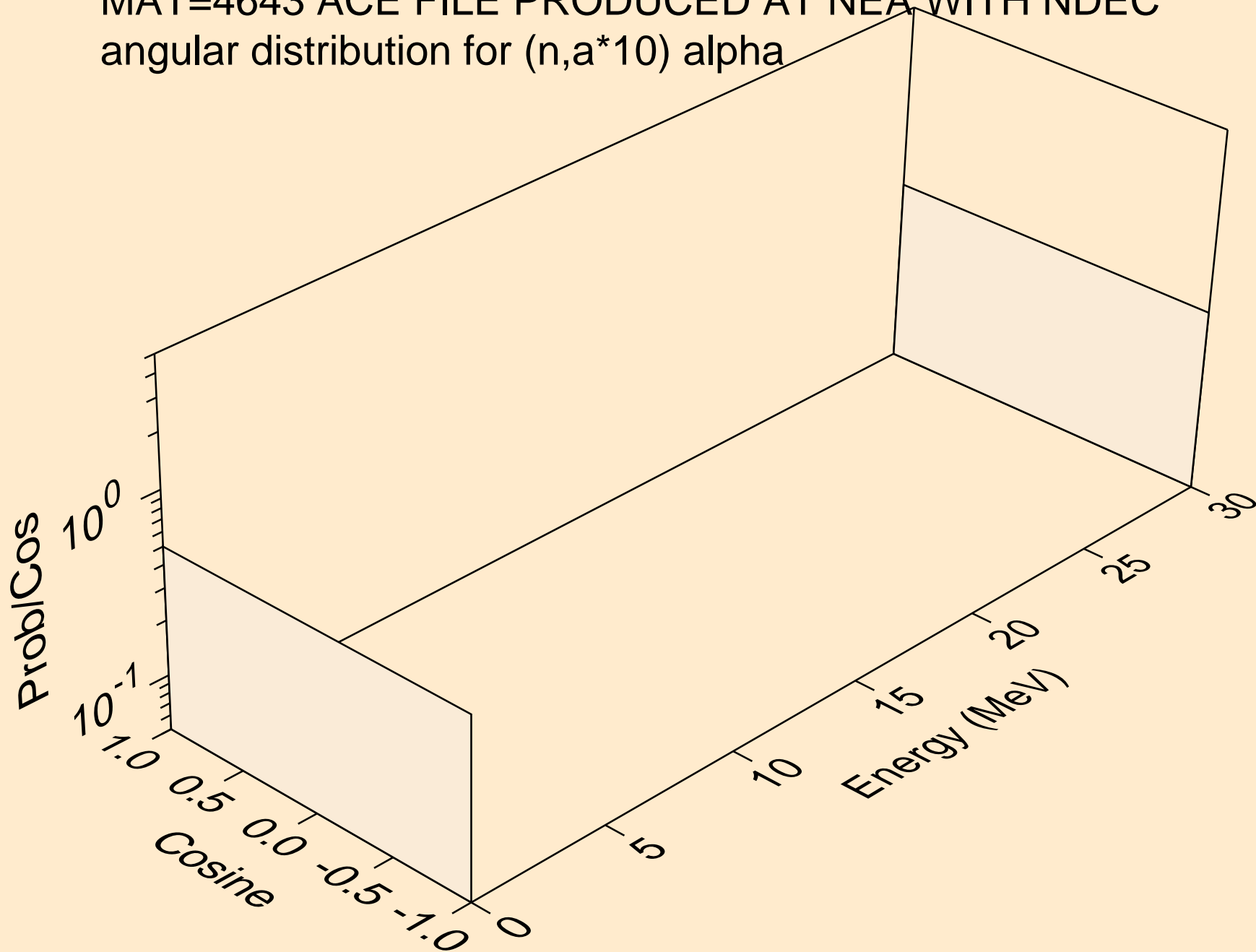
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
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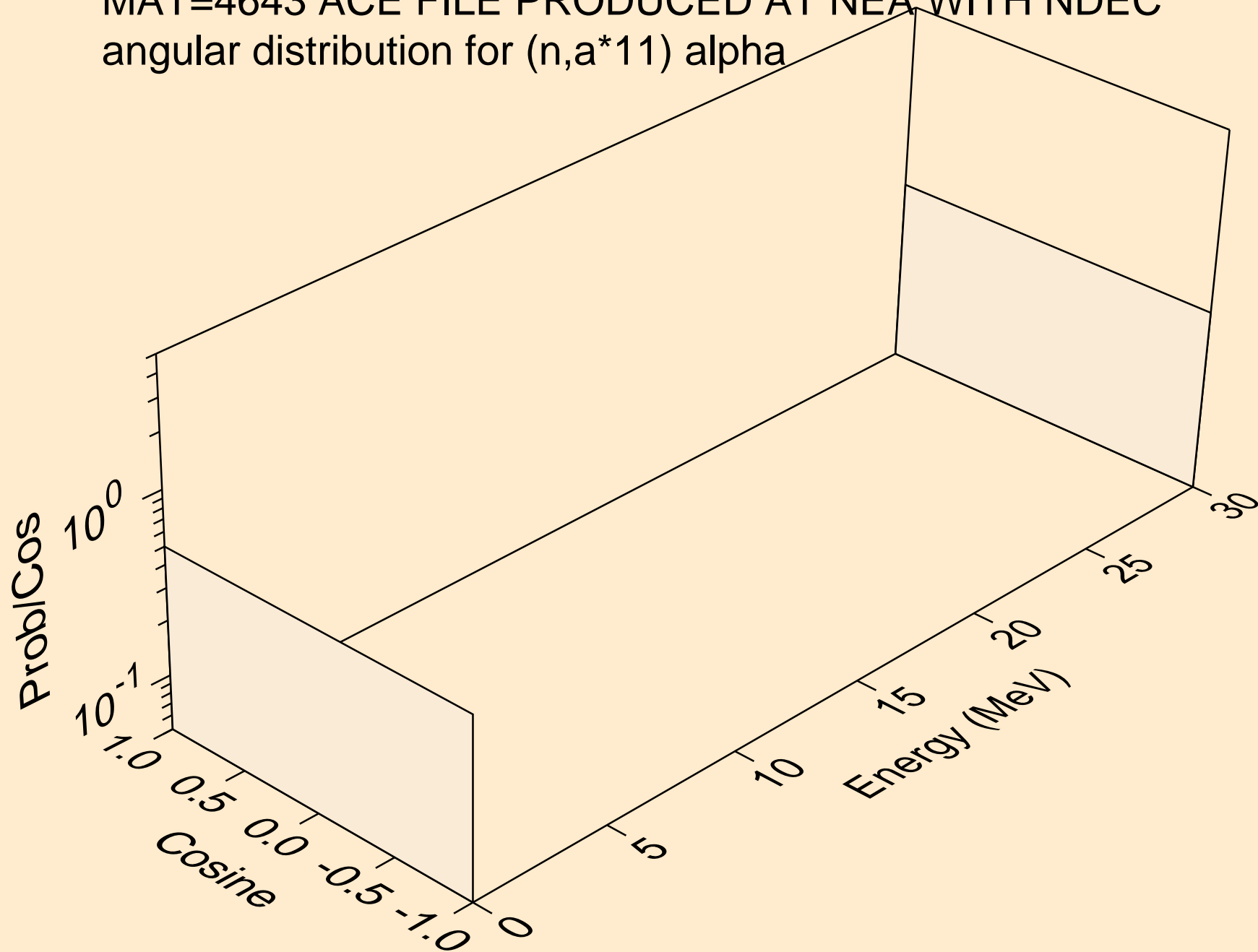
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angular distribution for (n,a\*9) alpha



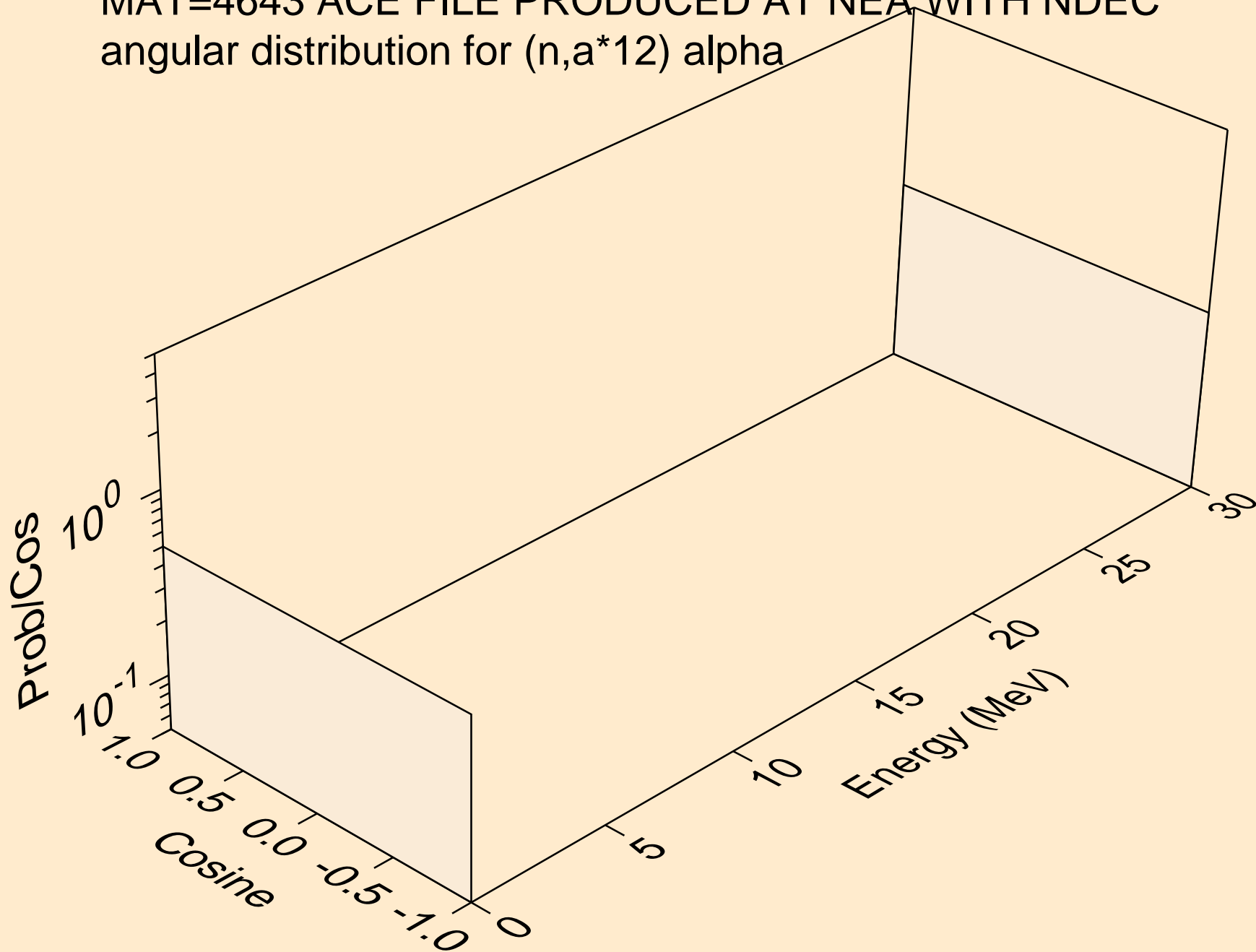
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angular distribution for (n,a\*10) alpha



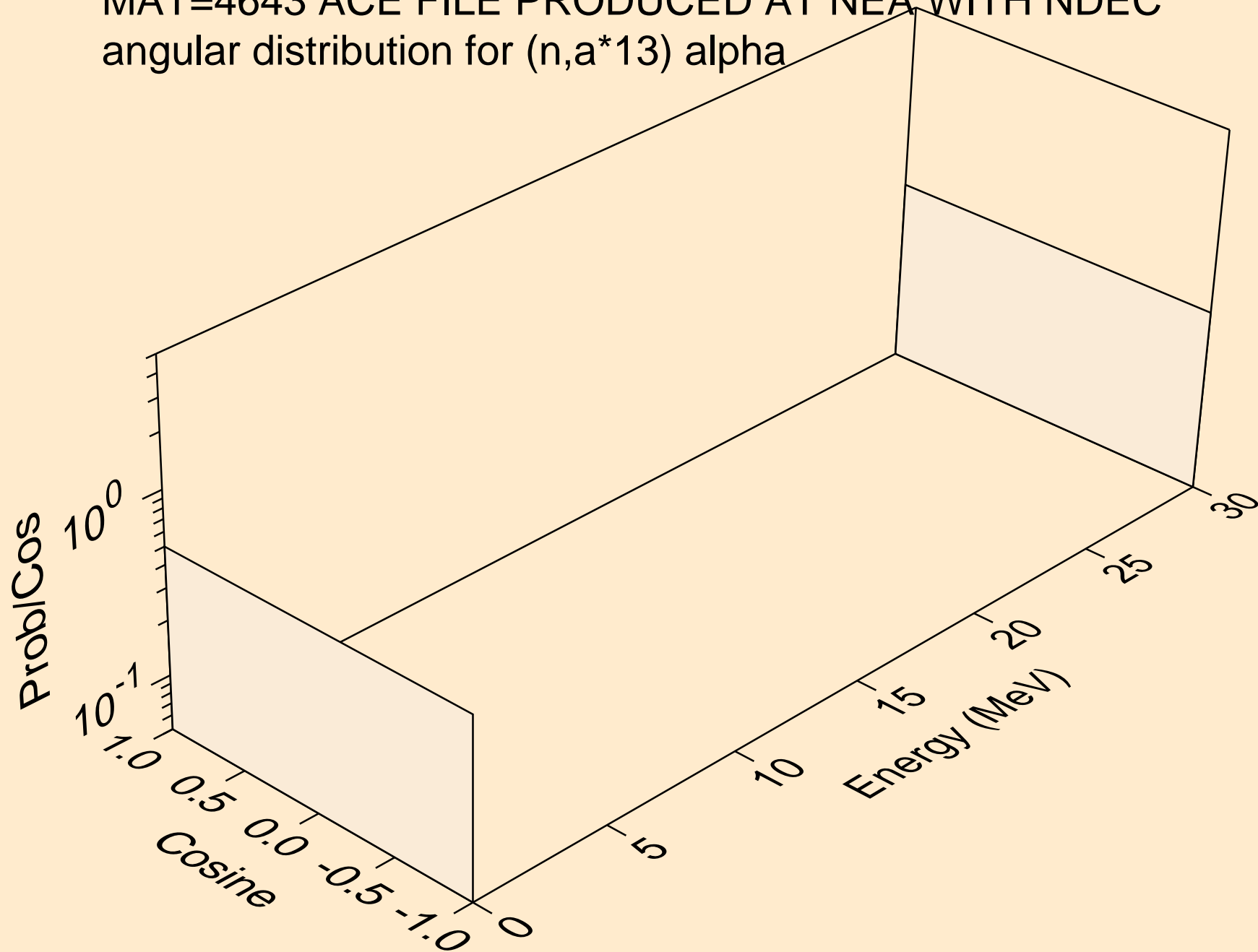
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*11) alpha



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*12) alpha

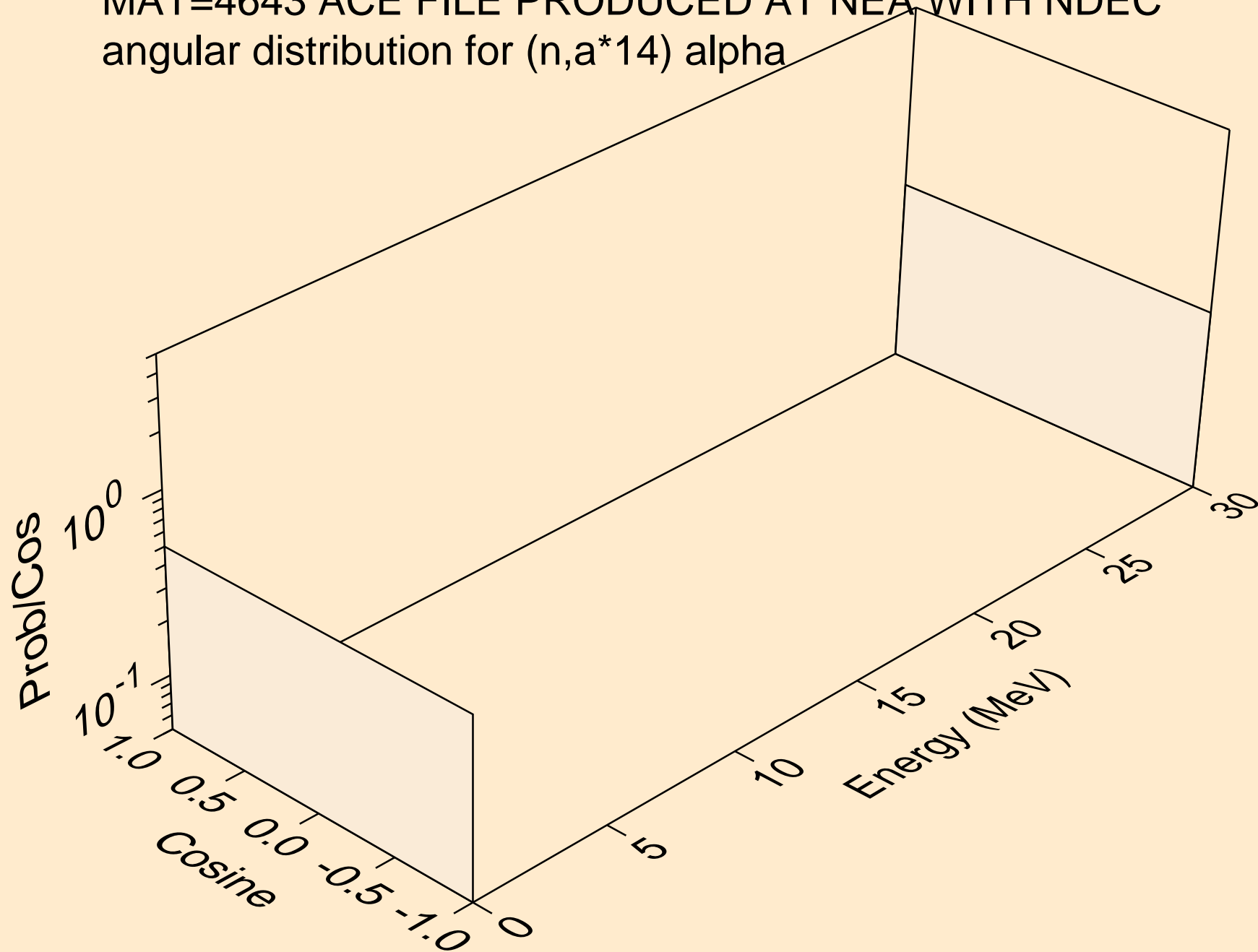


MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*13) alpha

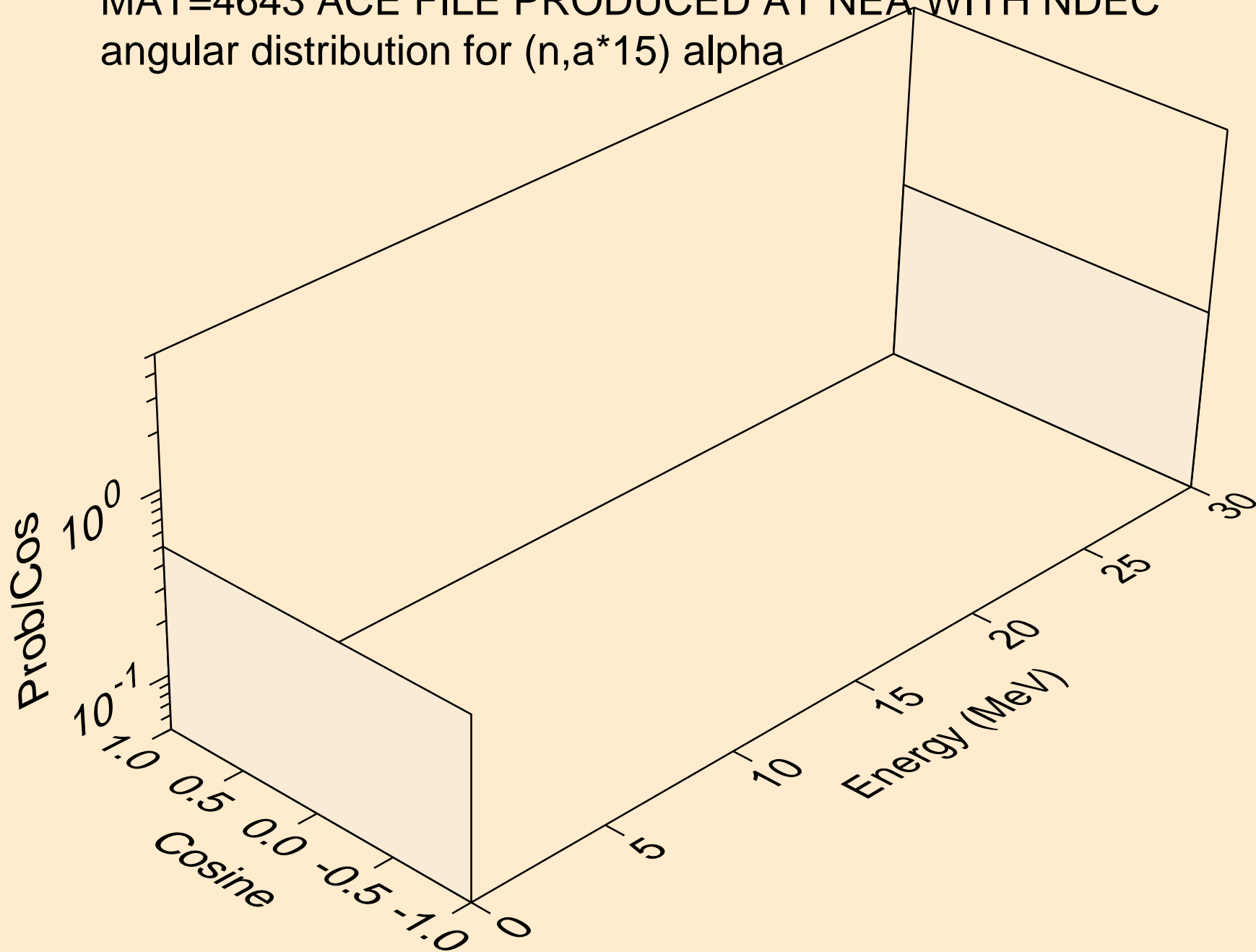




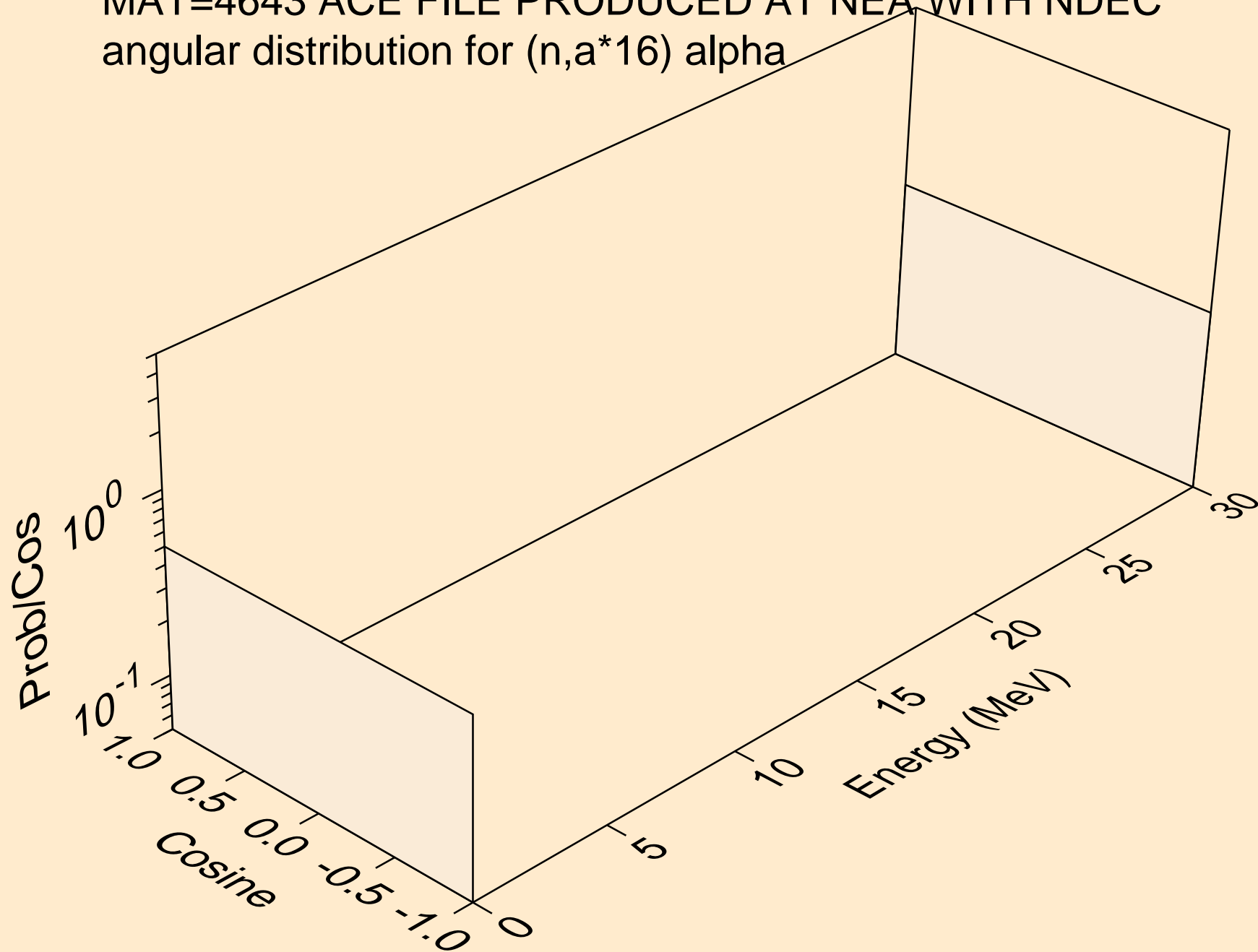
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angular distribution for (n,a\*14) alpha



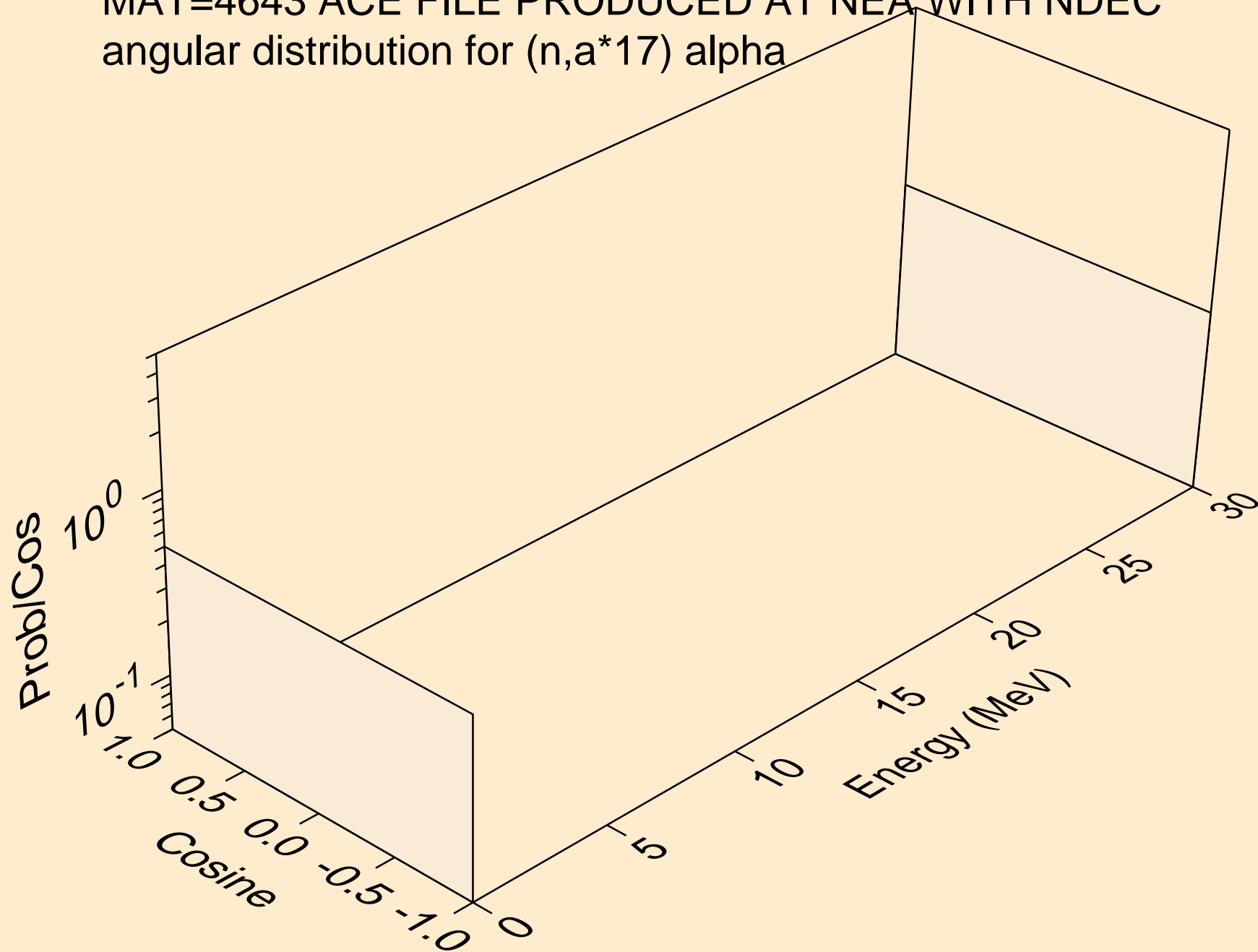
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*15) alpha



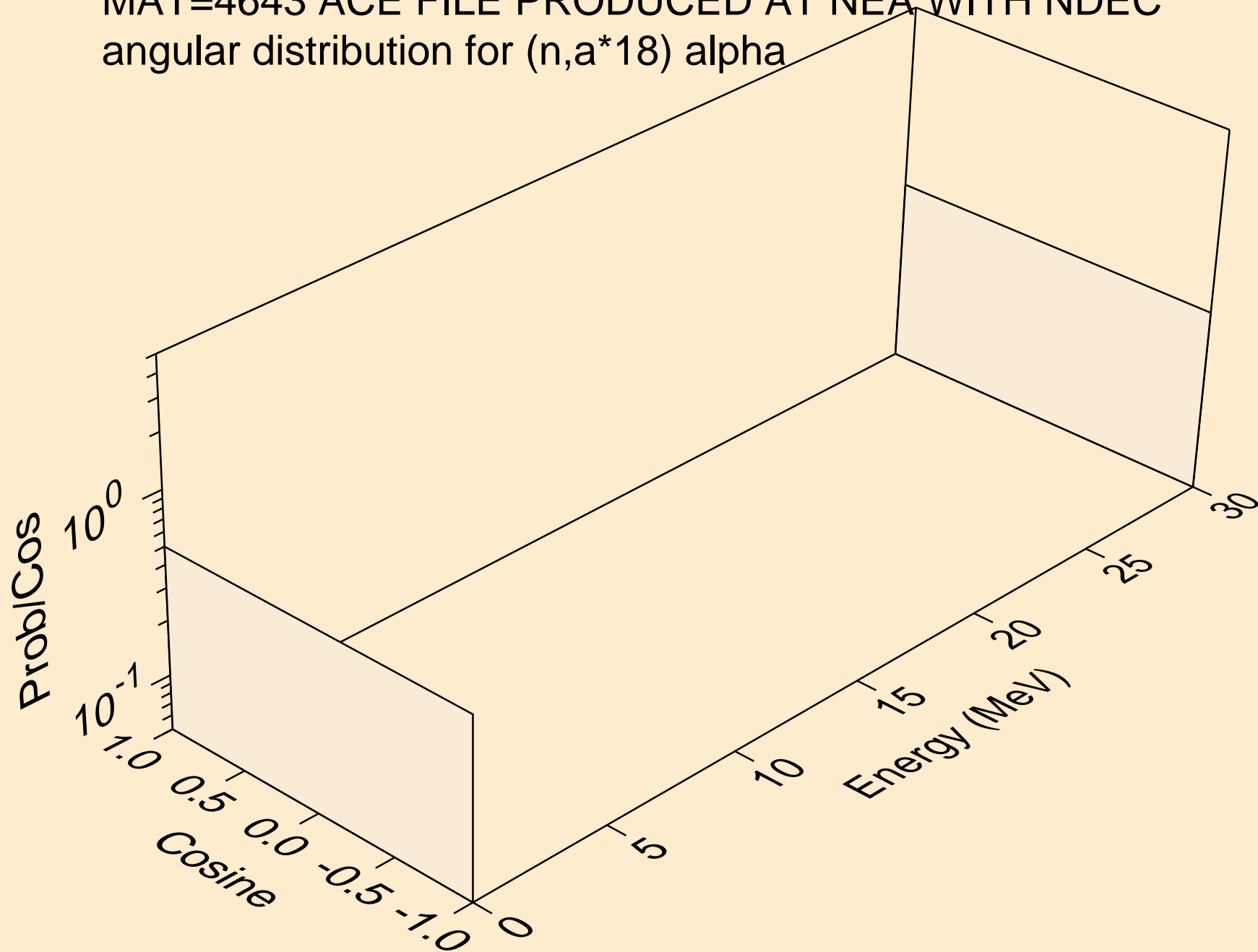
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*16) alpha



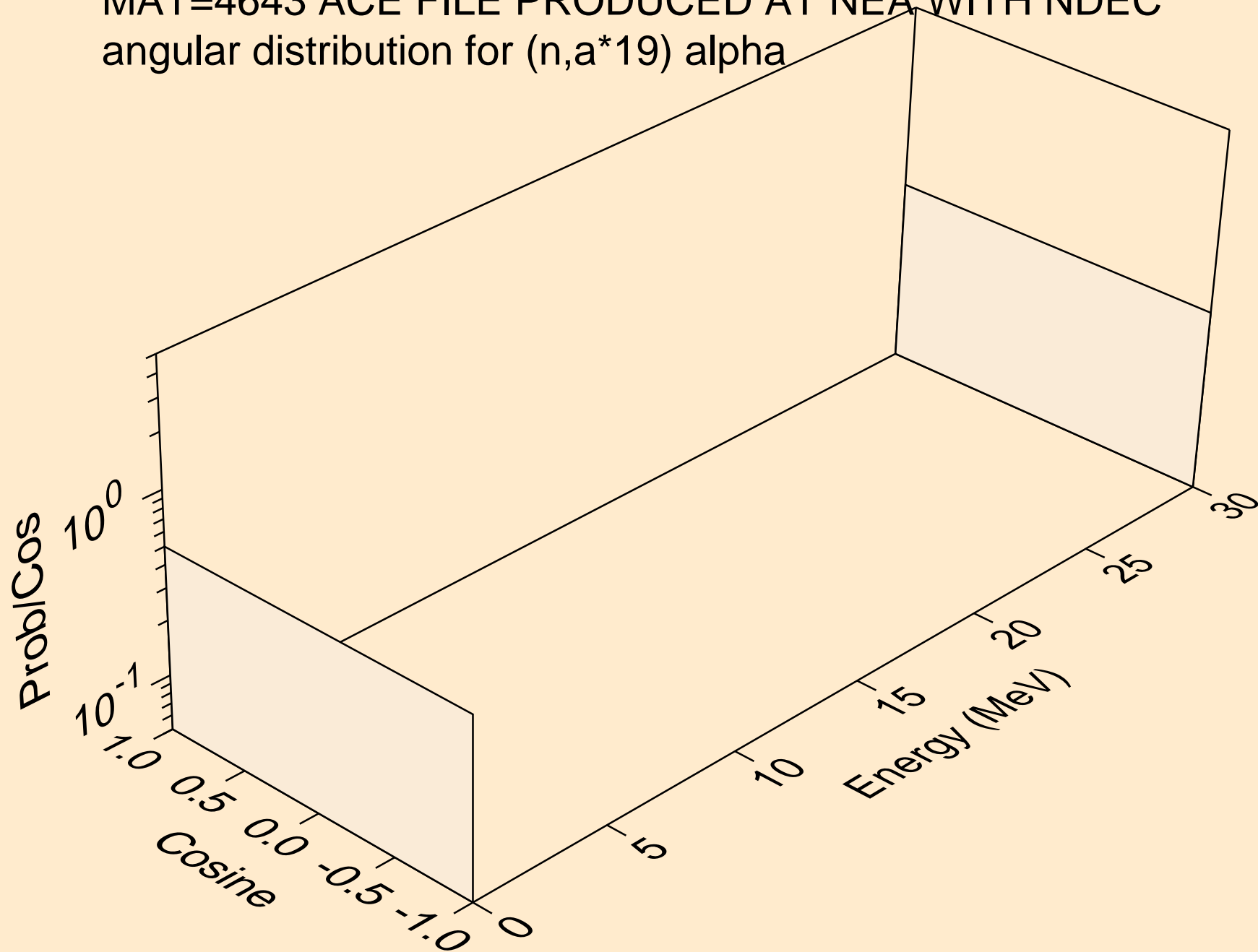
MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*17) alpha



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*18) alpha



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*19) alpha



MAT=4643 ACE FILE PRODUCED AT NEA WITH NDEC  
alphas from (n,a\*c)

