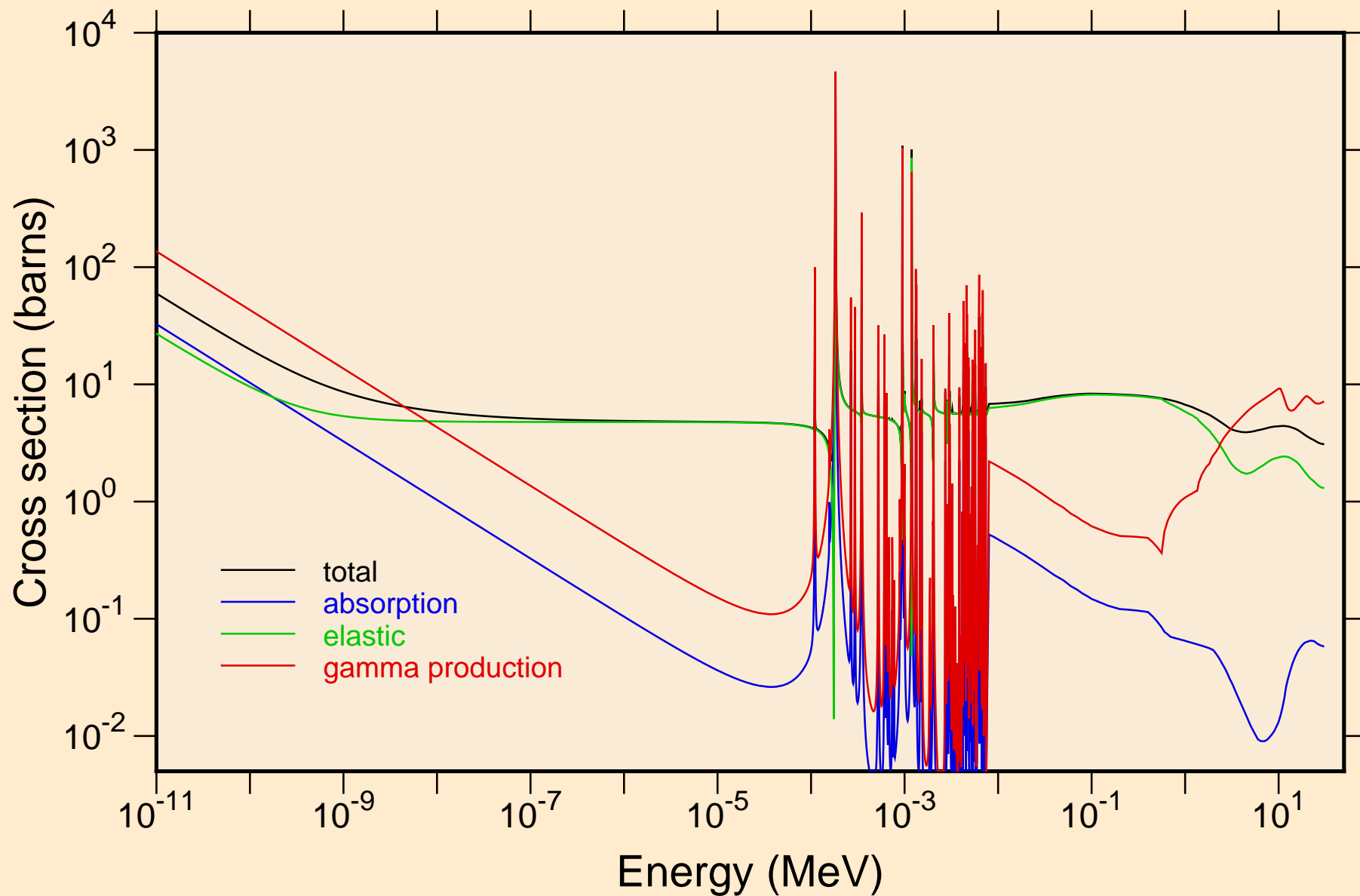
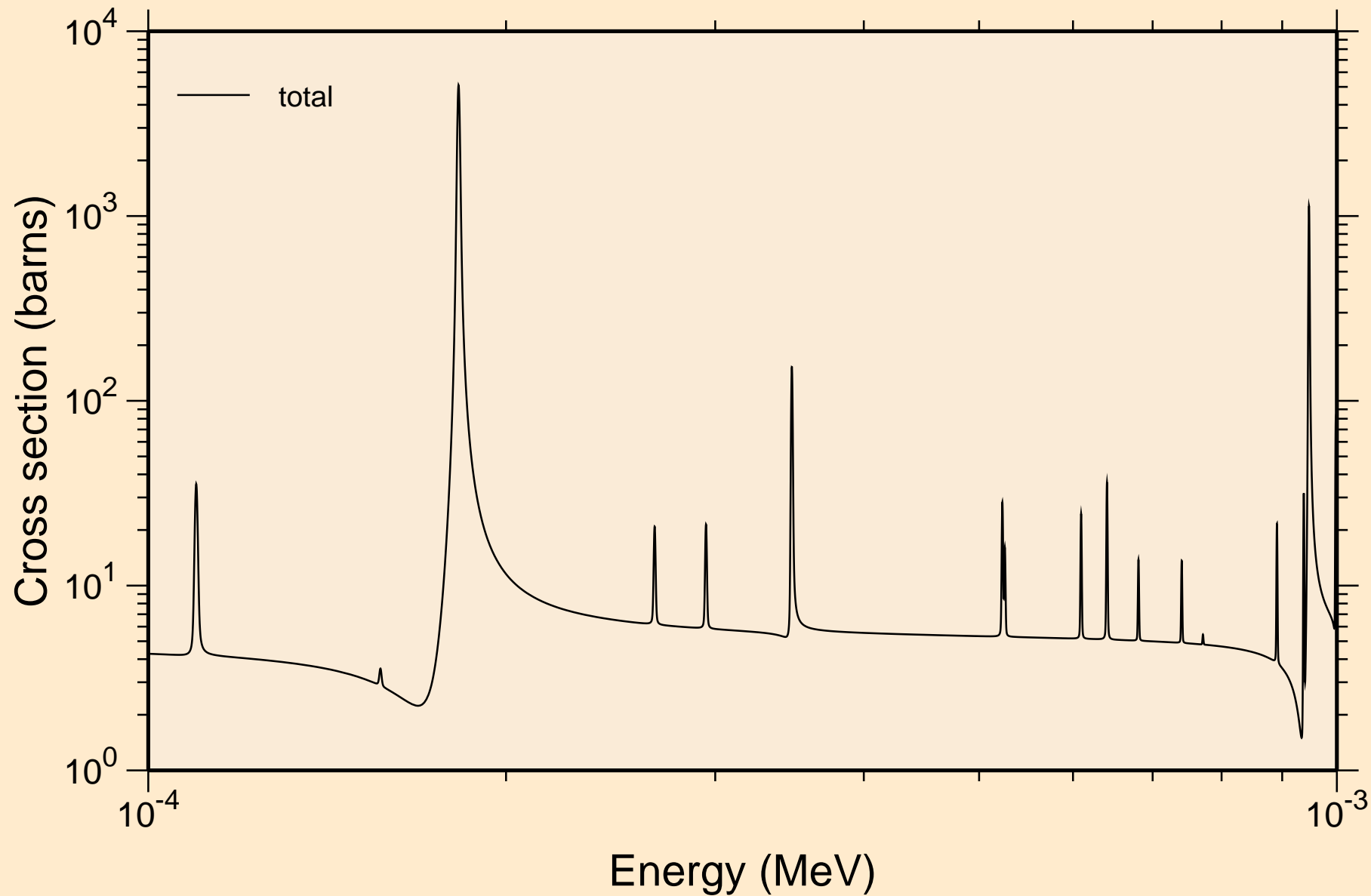


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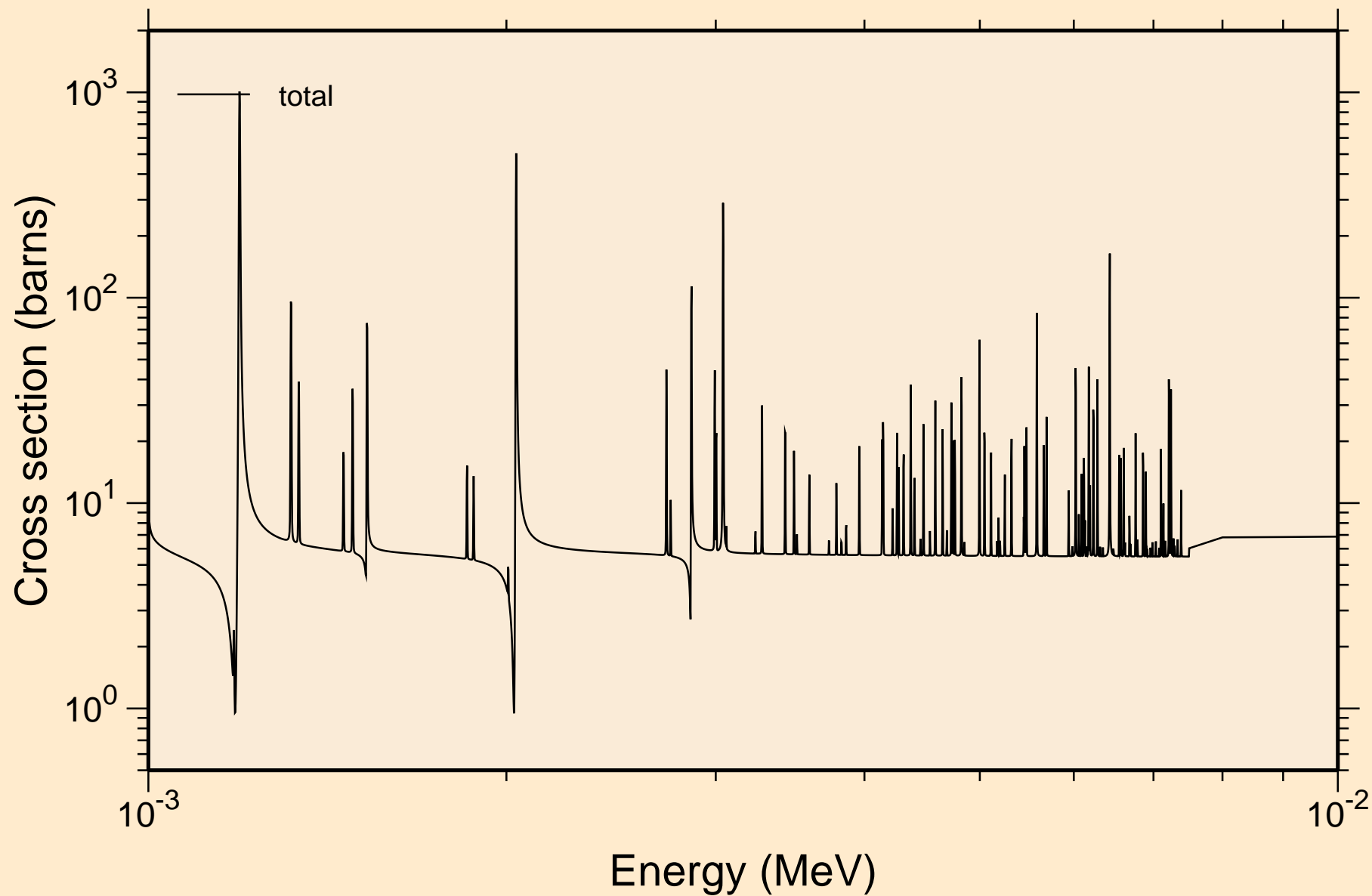
Principal cross sections



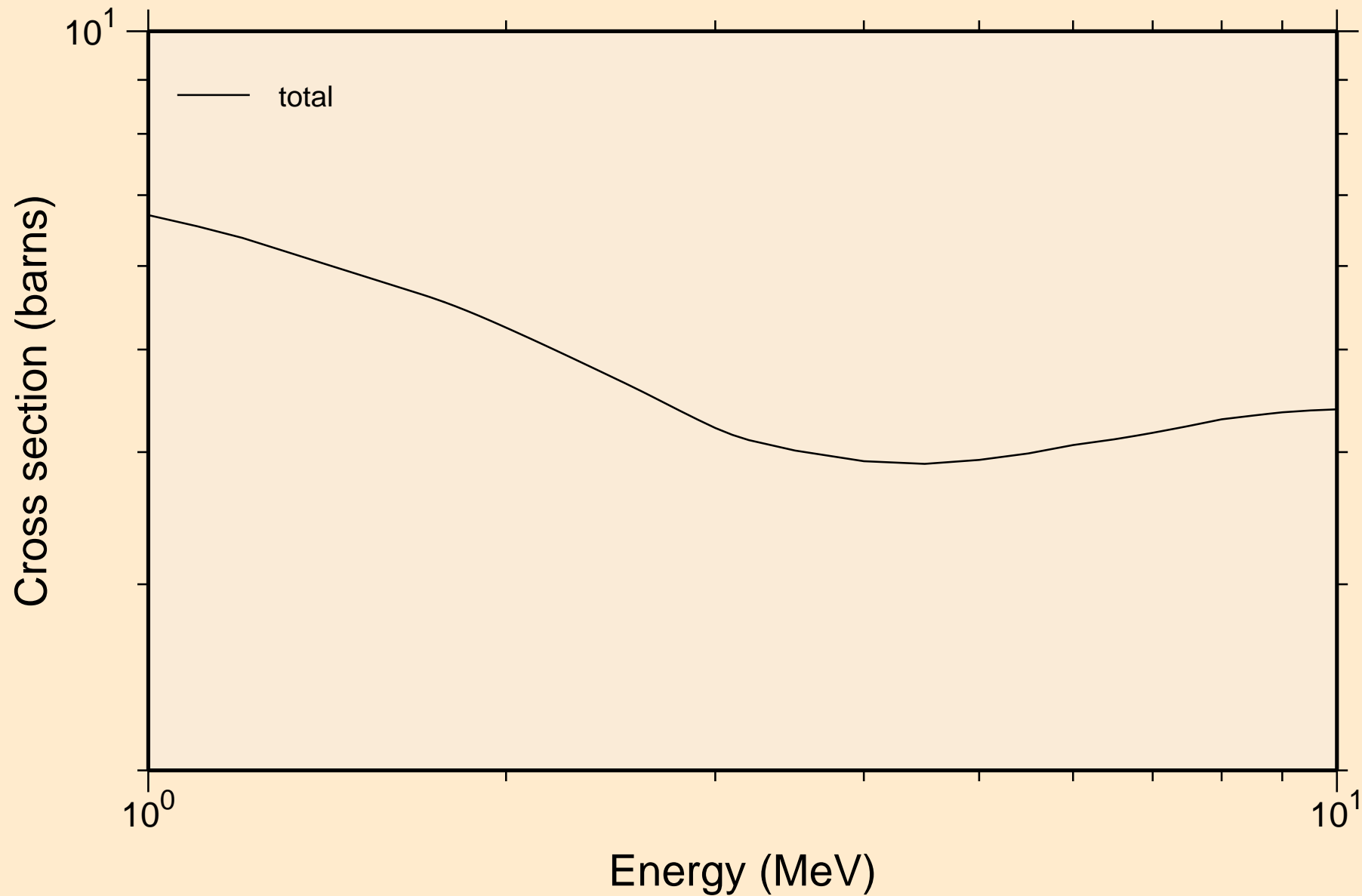
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resonance total cross section



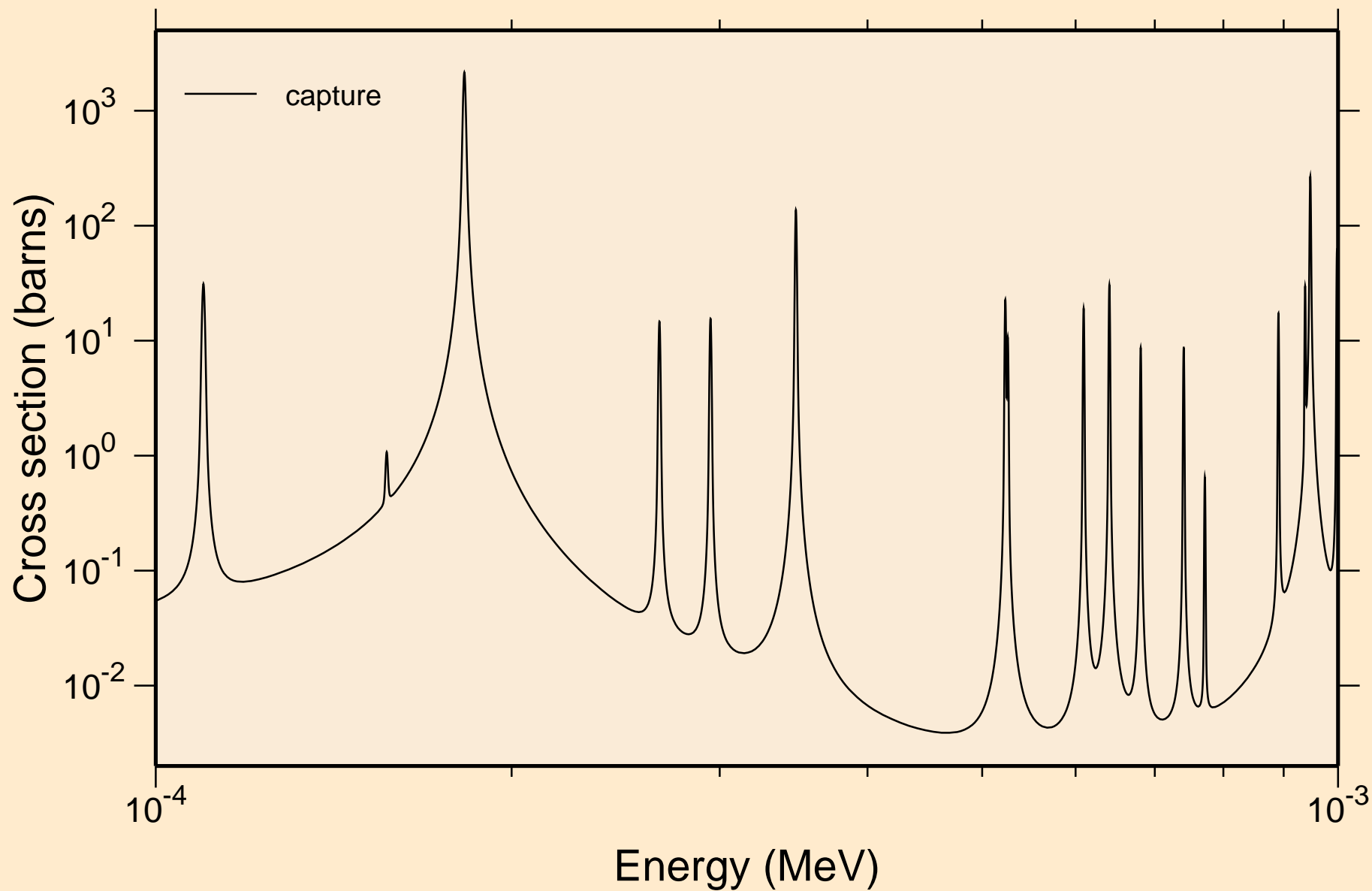
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resonance total cross section



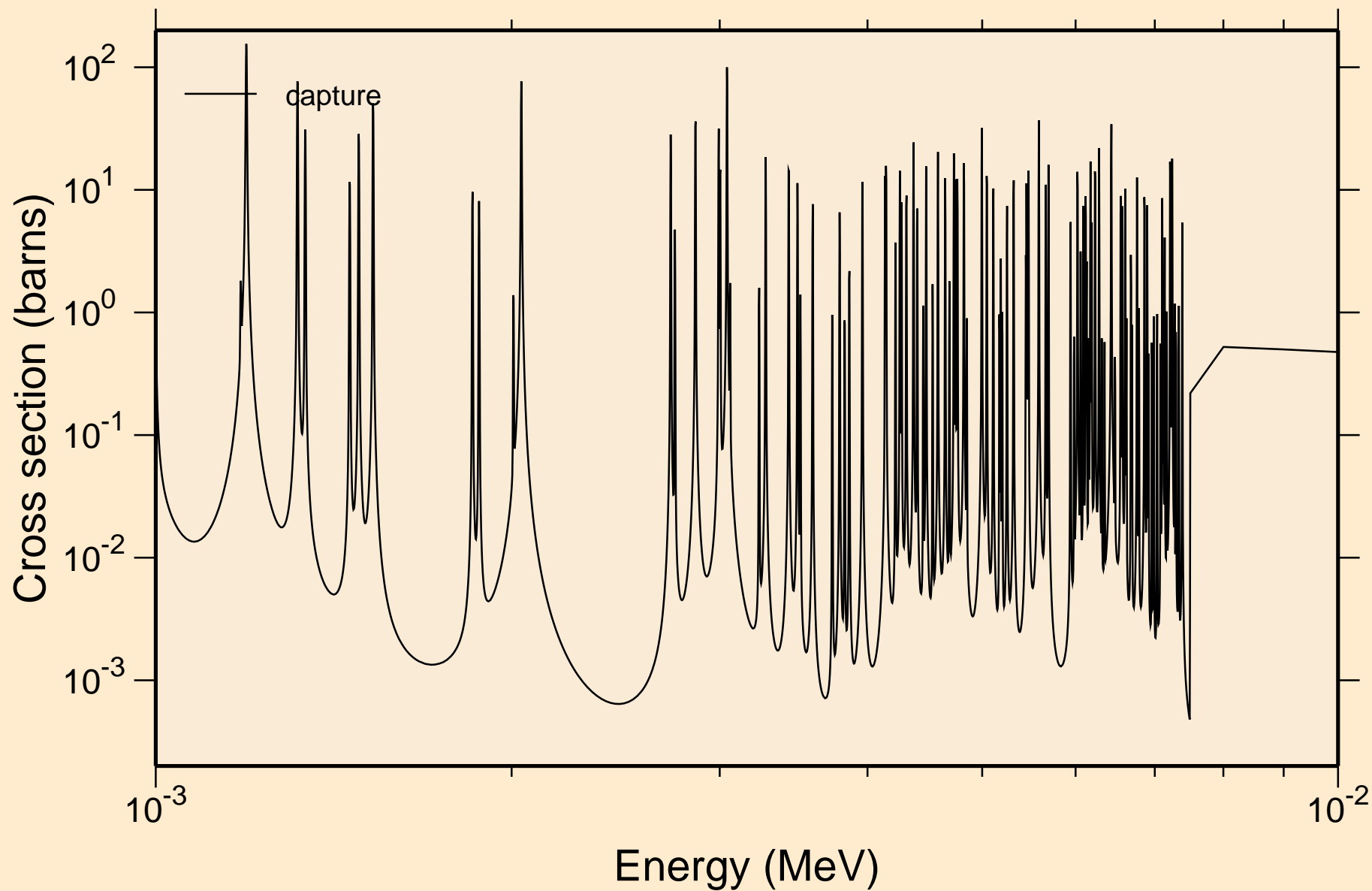
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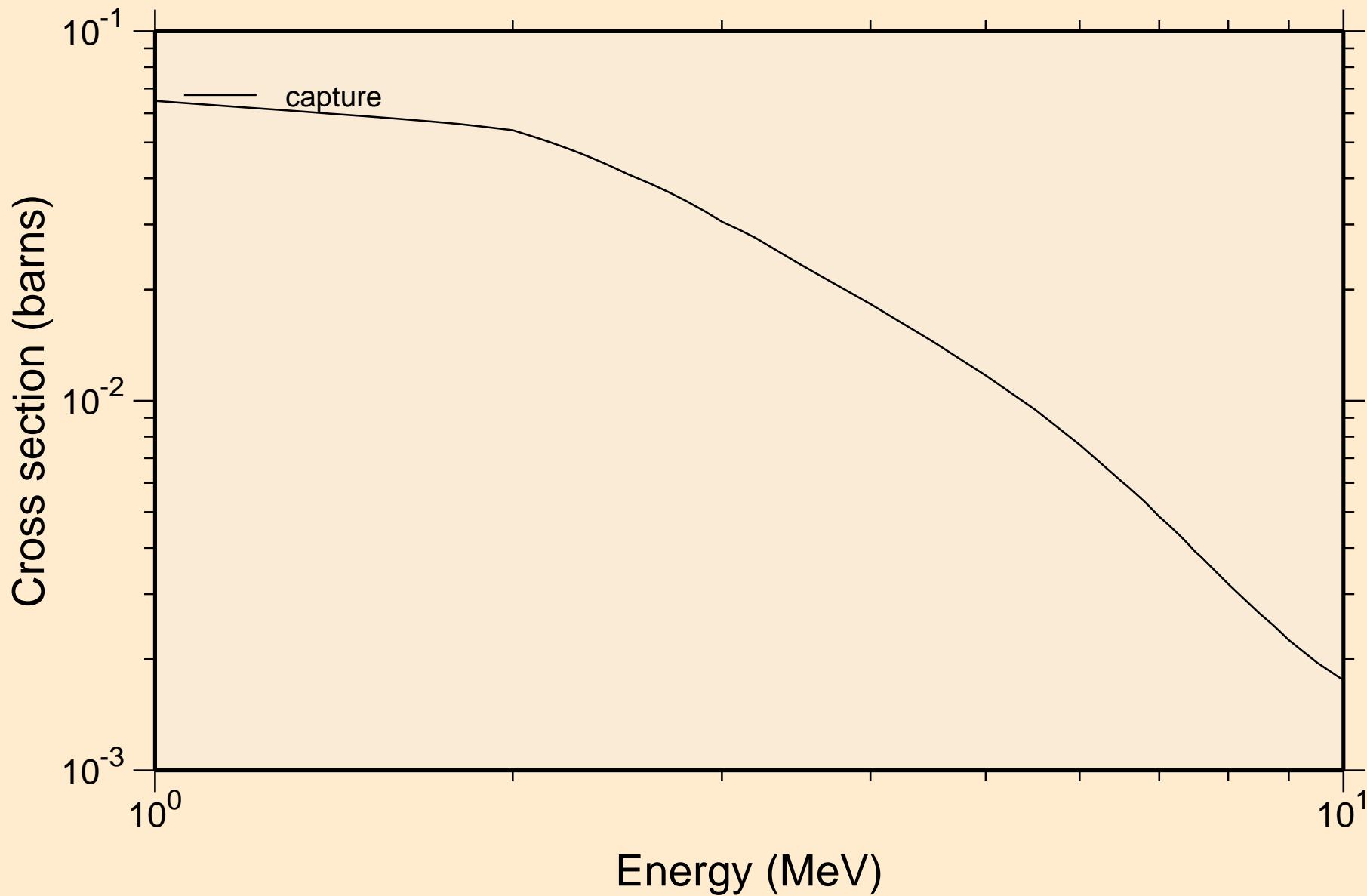
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resonance absorption cross sections



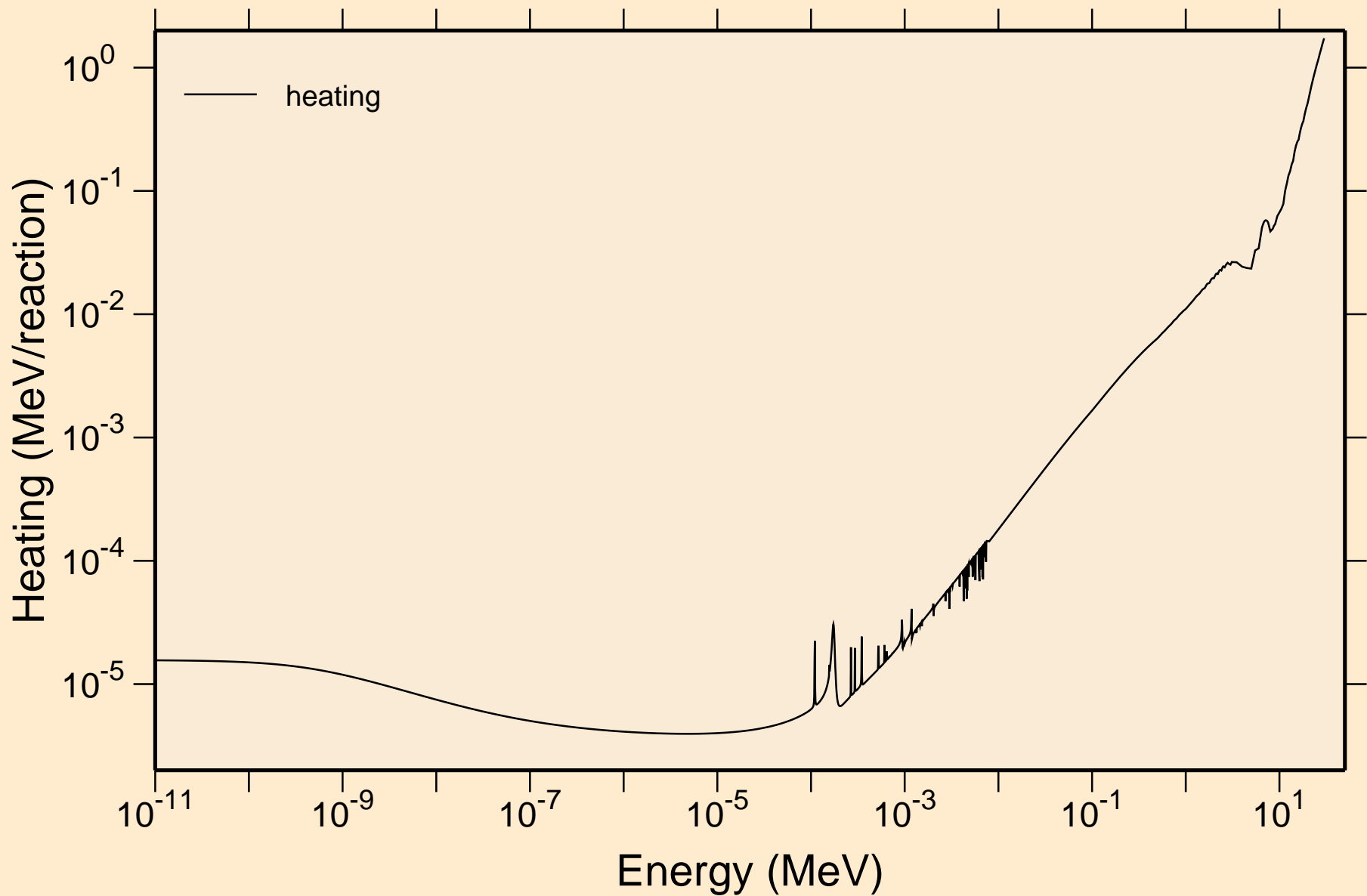
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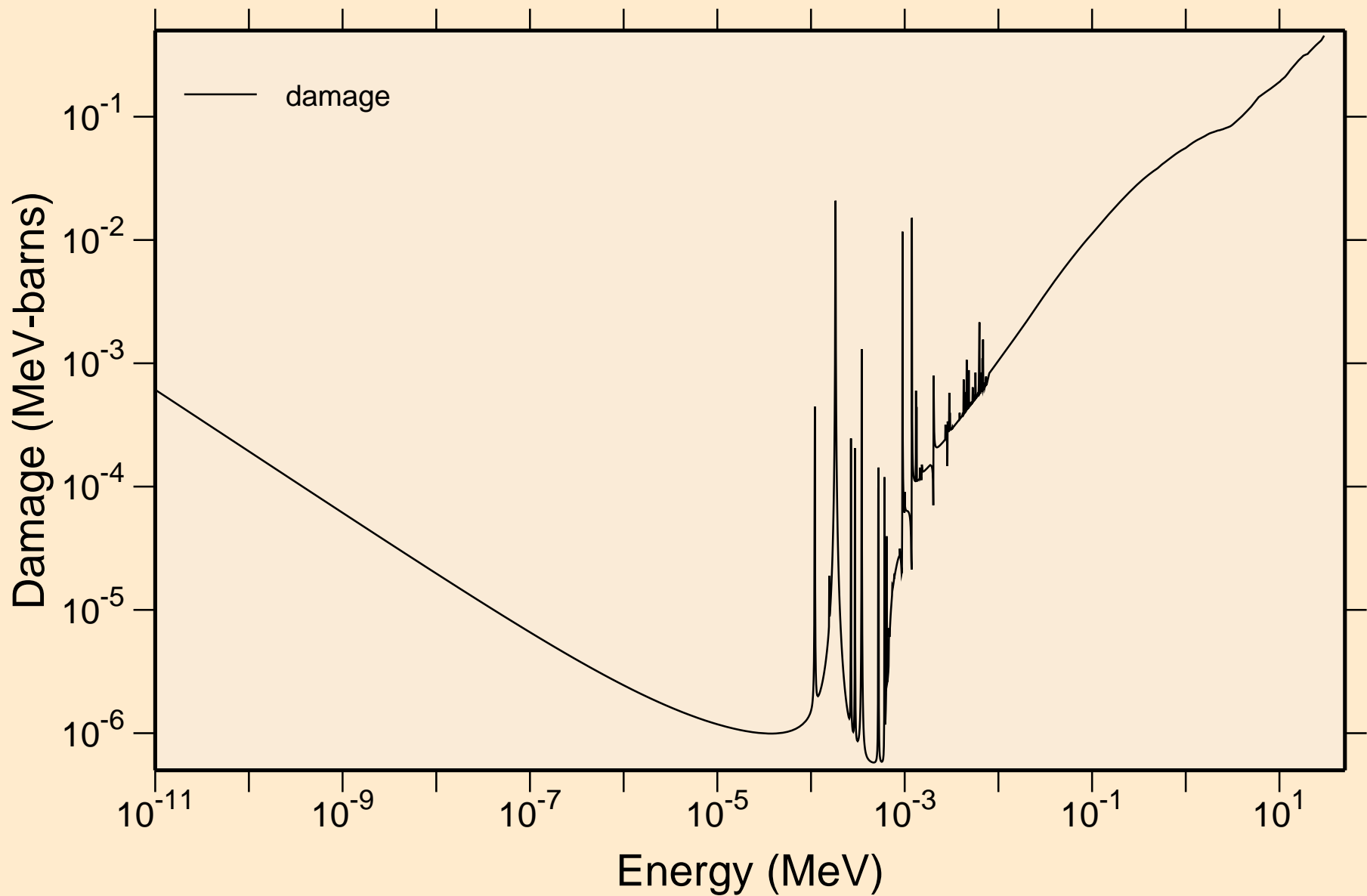
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resonance absorption cross sections



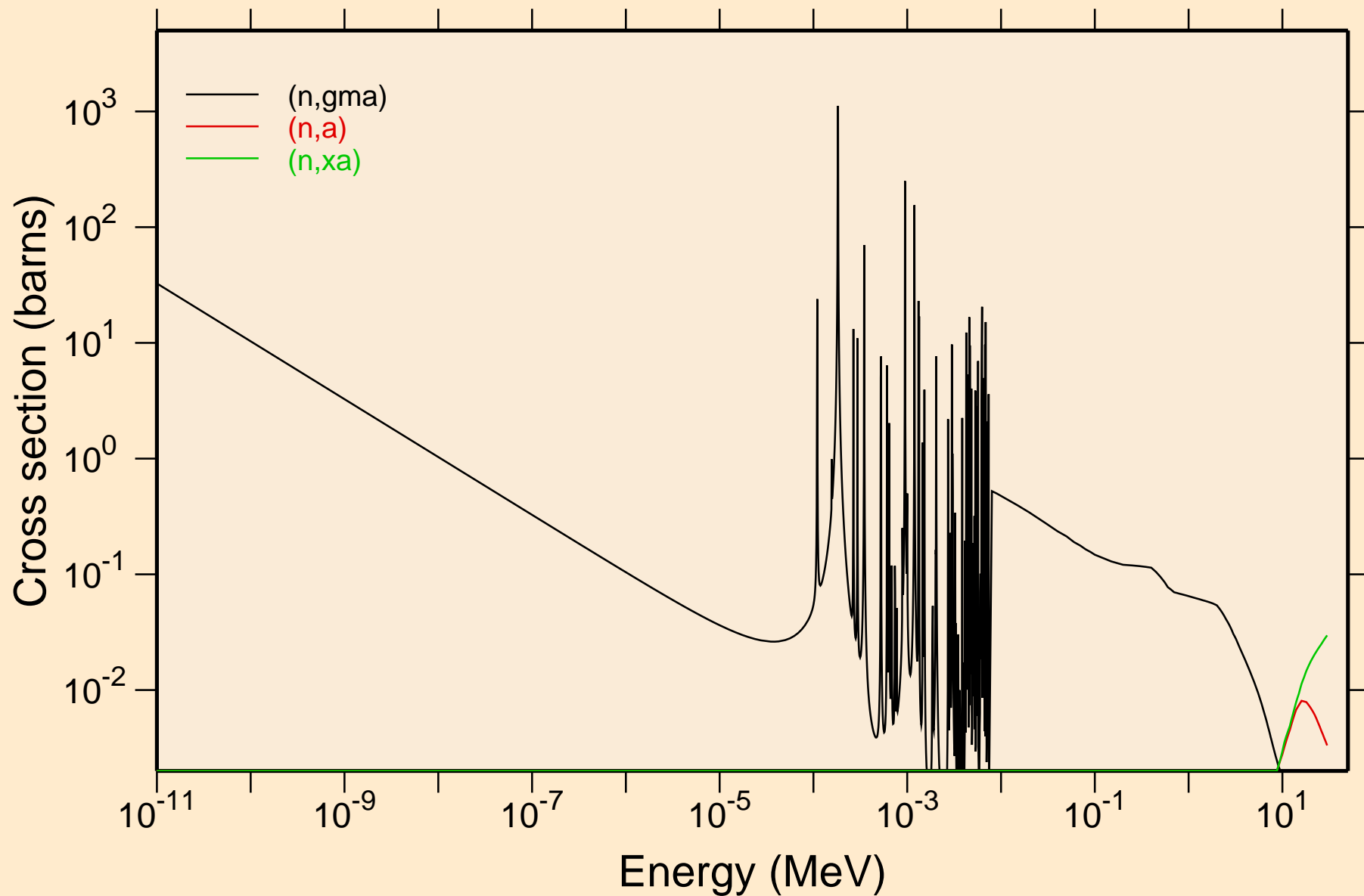
MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
Heating



MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
Damage

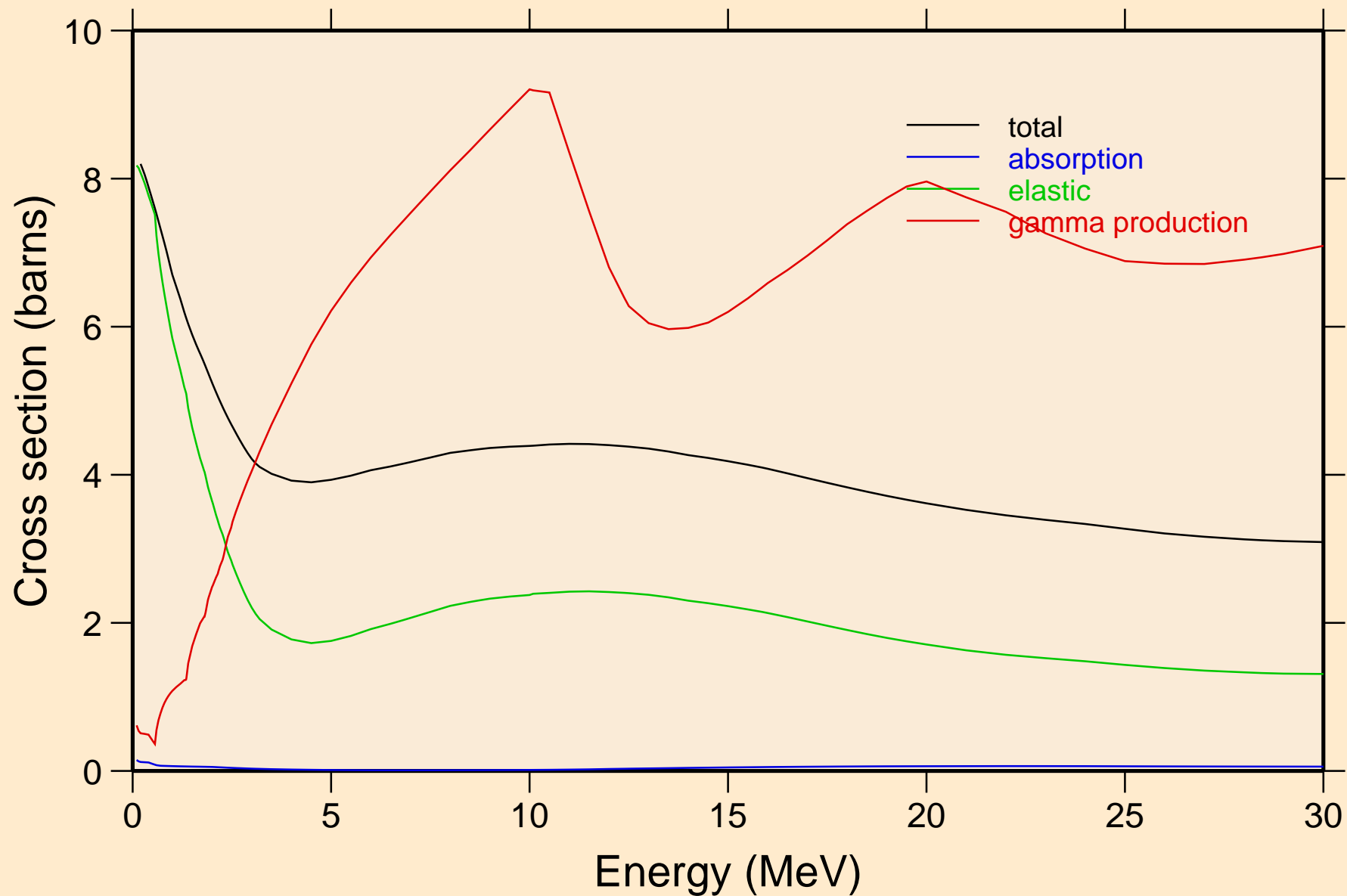


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Non-threshold reactions

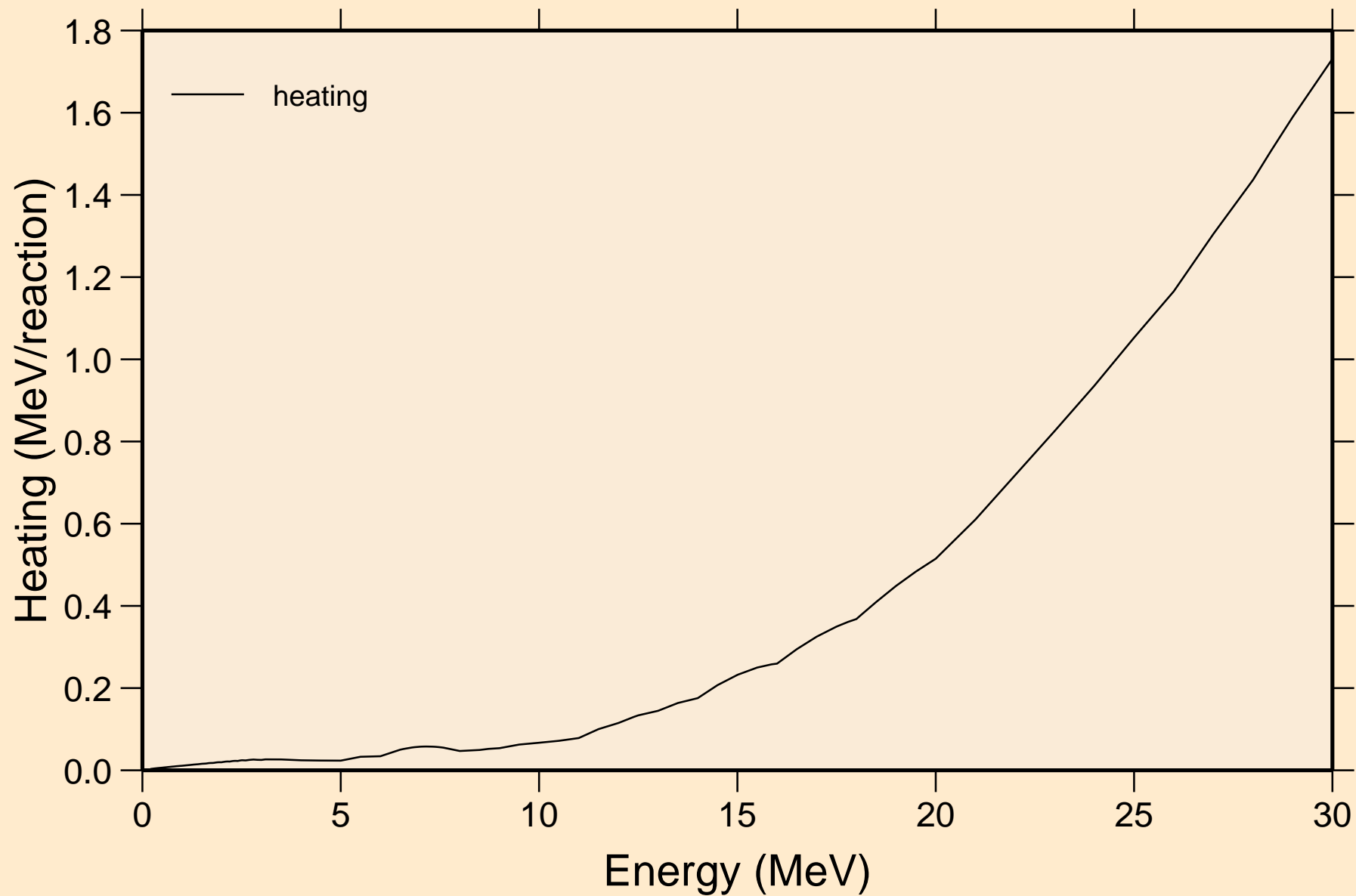


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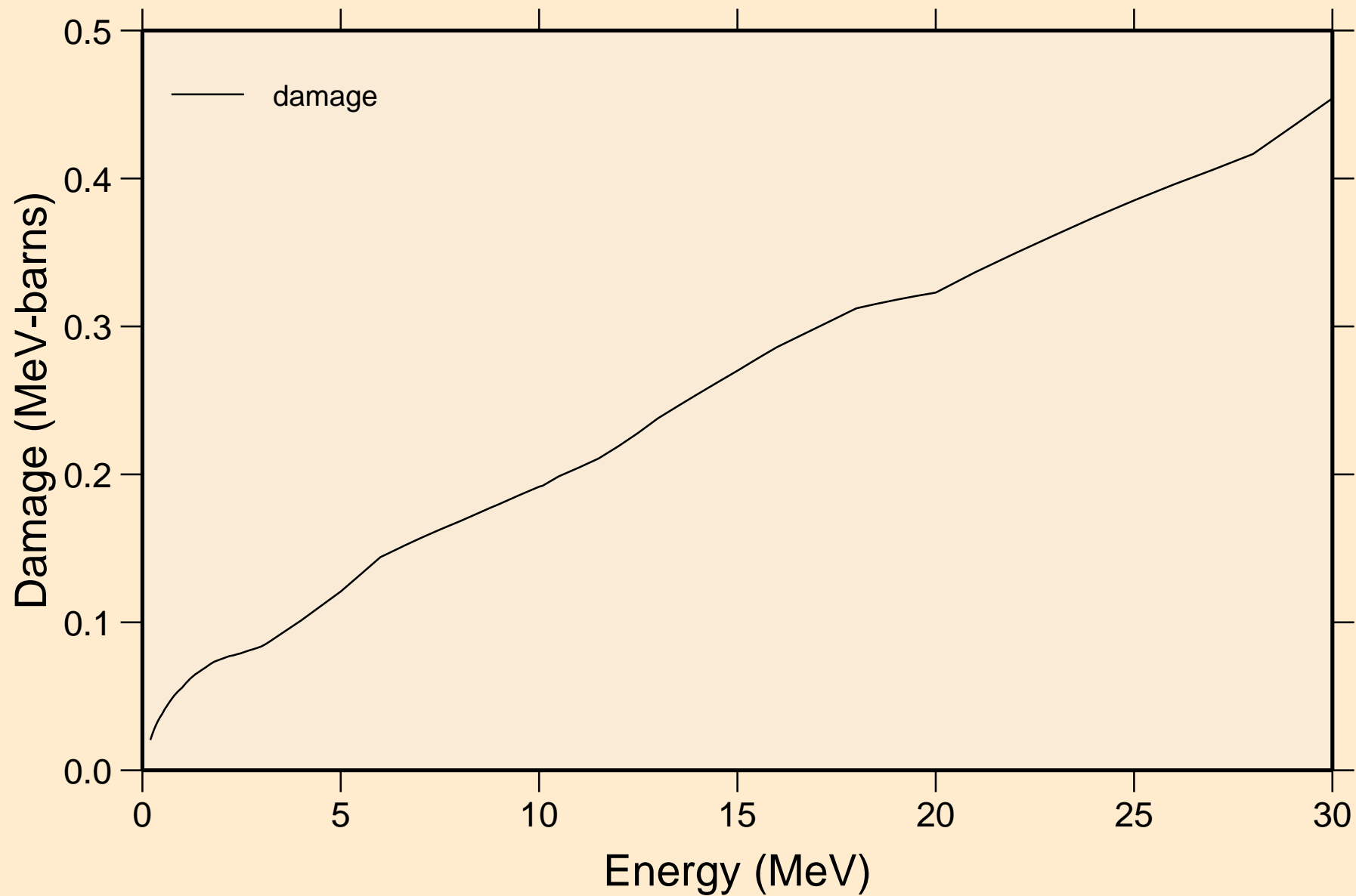
Principal cross sections



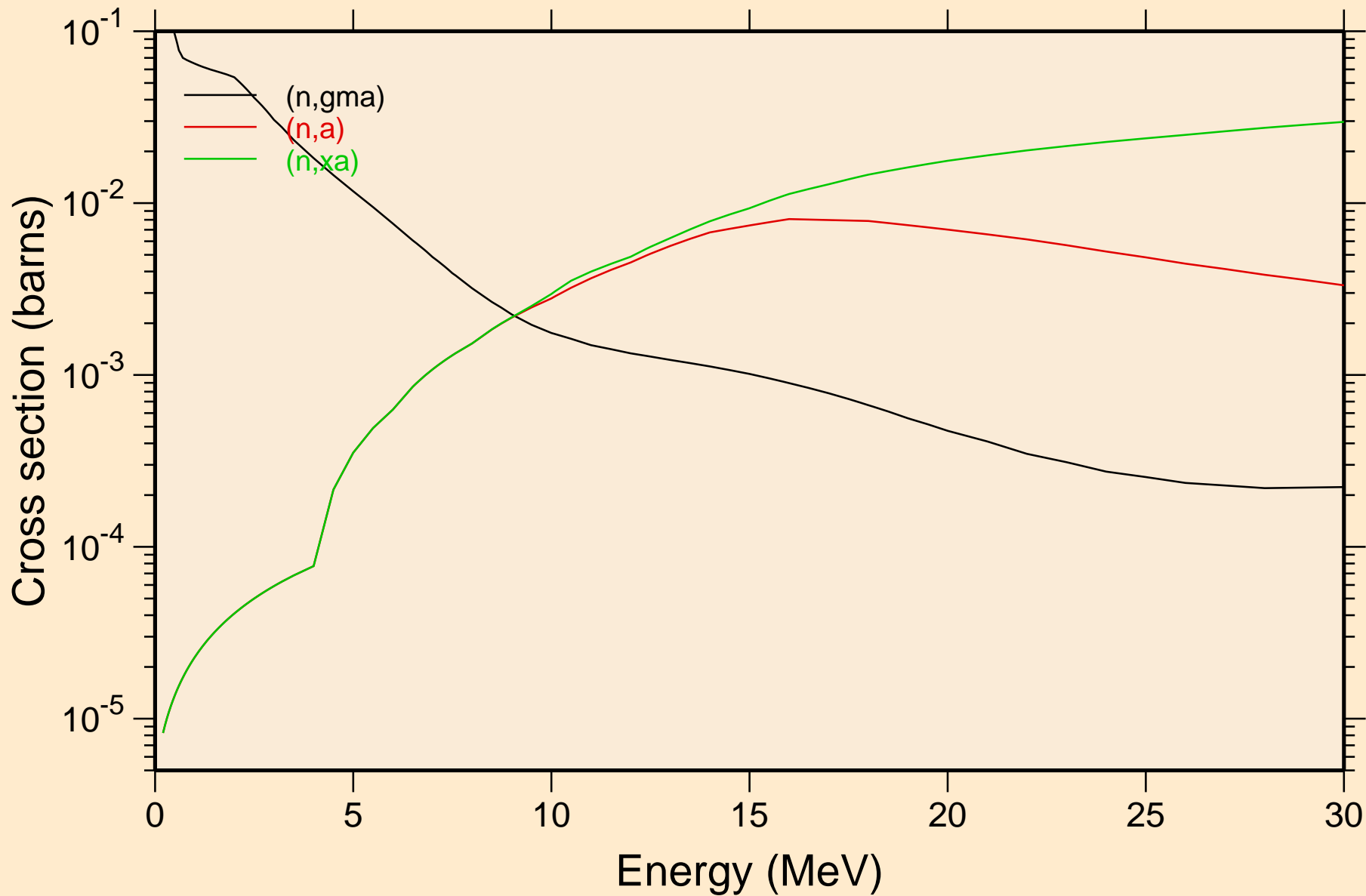
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Heating



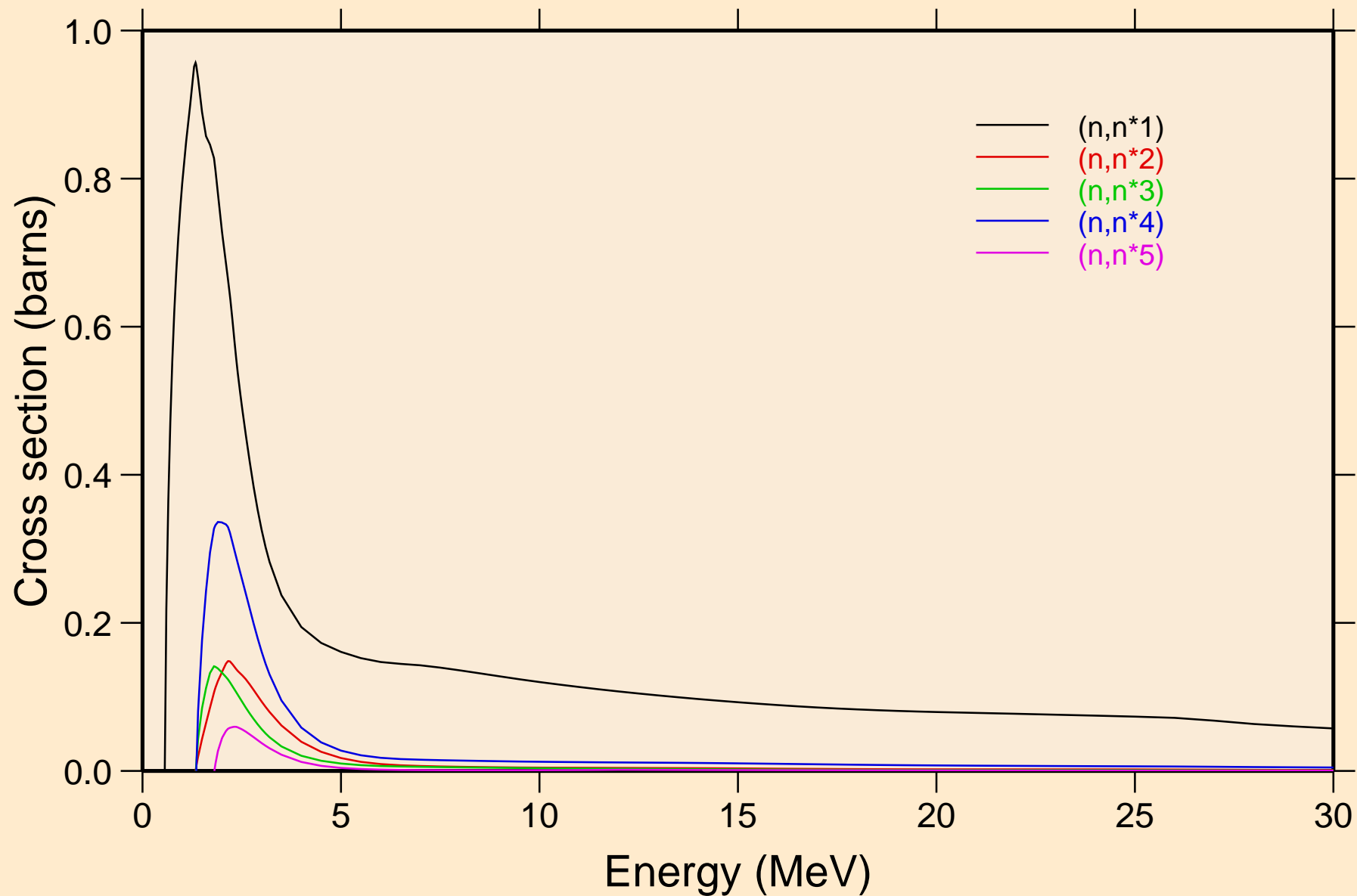
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Damage



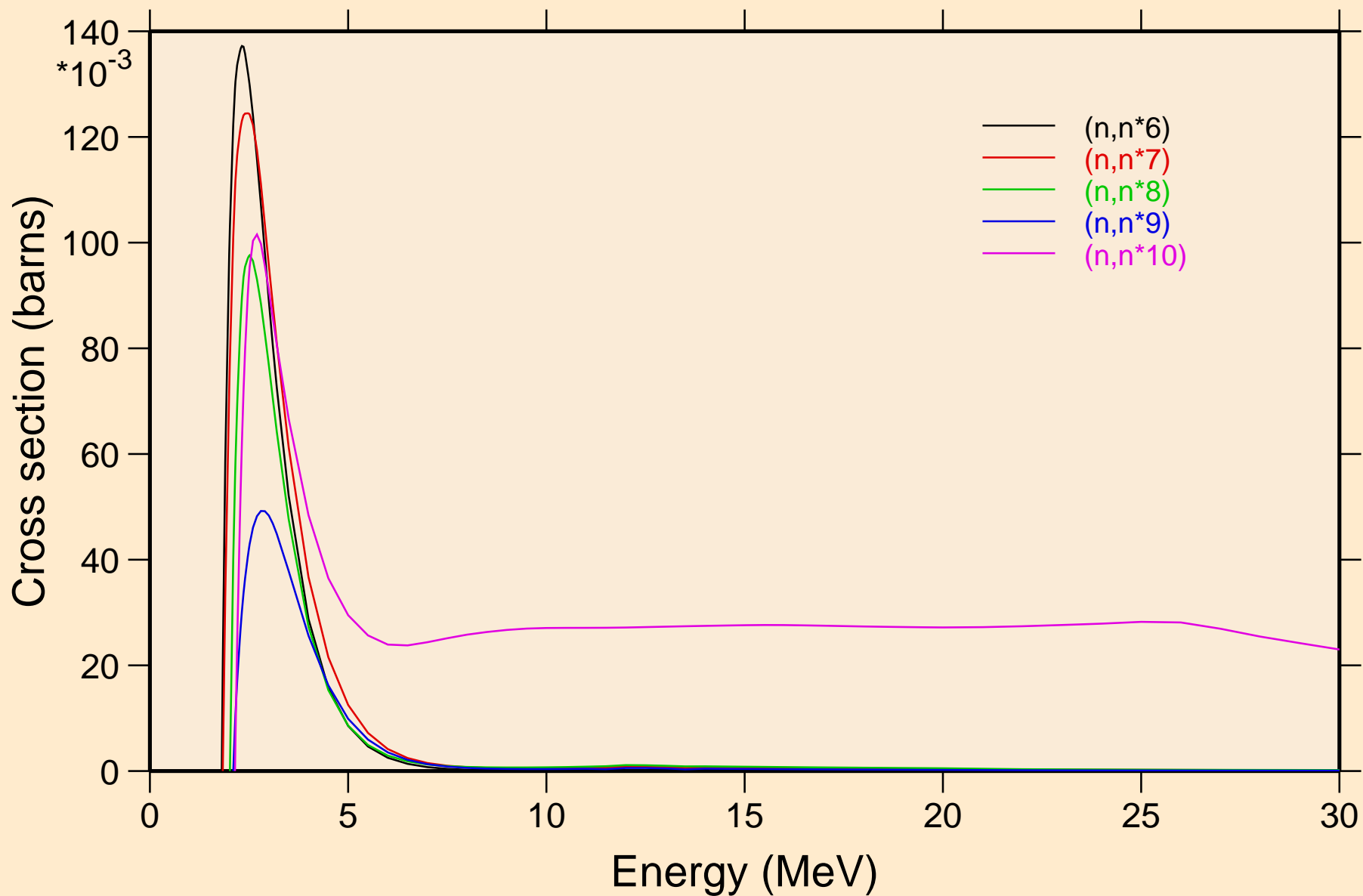
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Non-threshold reactions



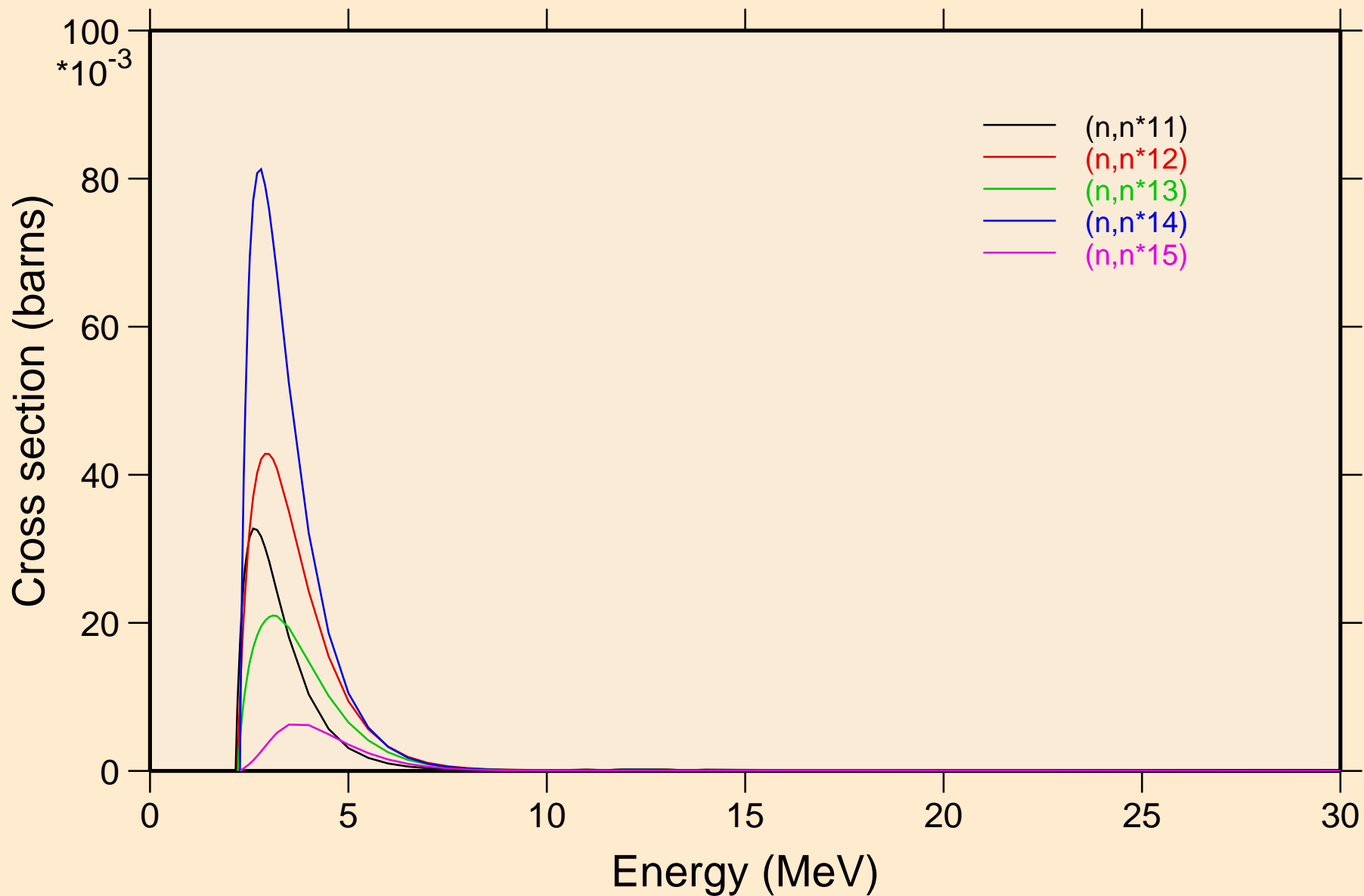
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Inelastic levels



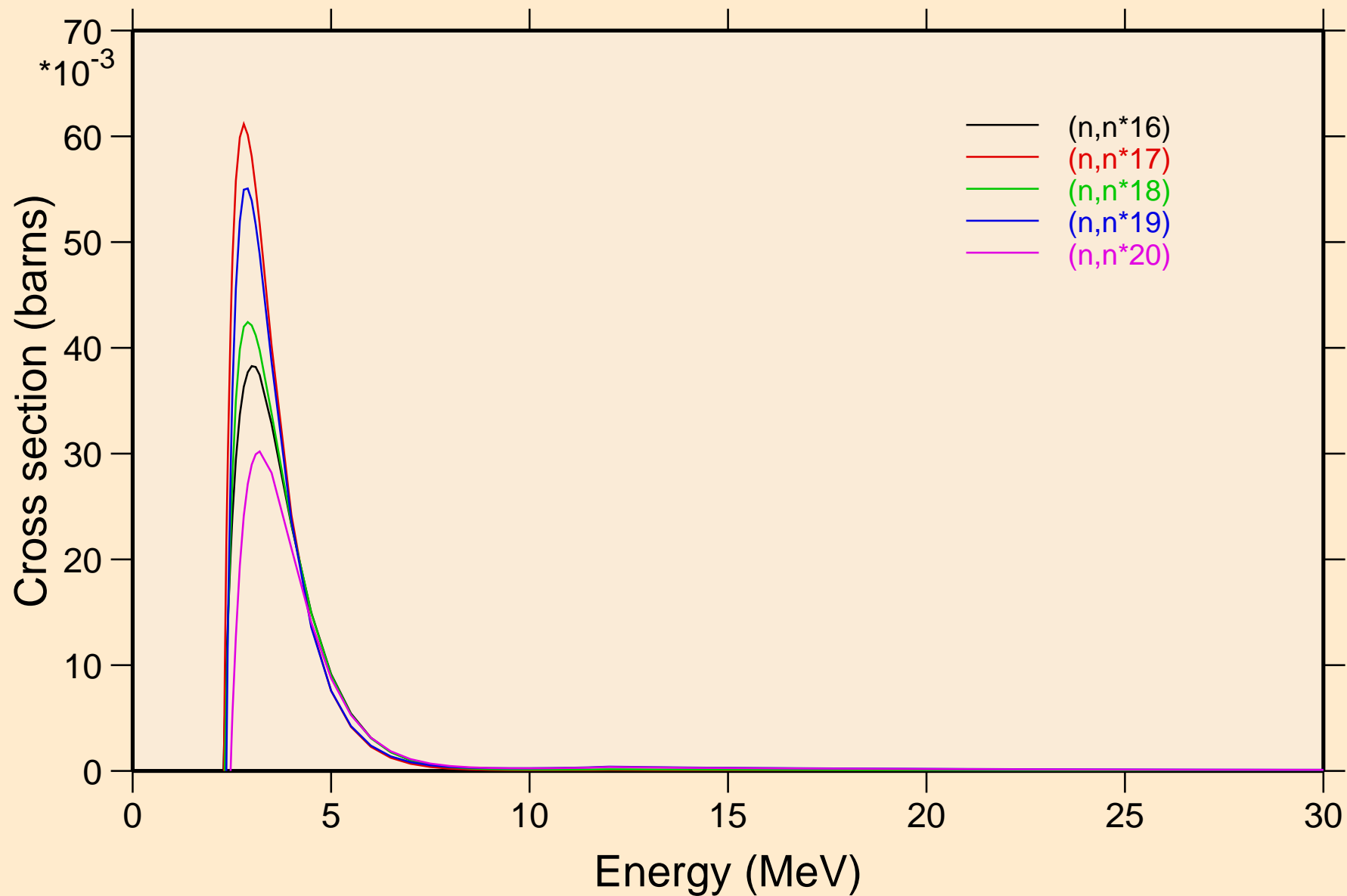
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Inelastic levels



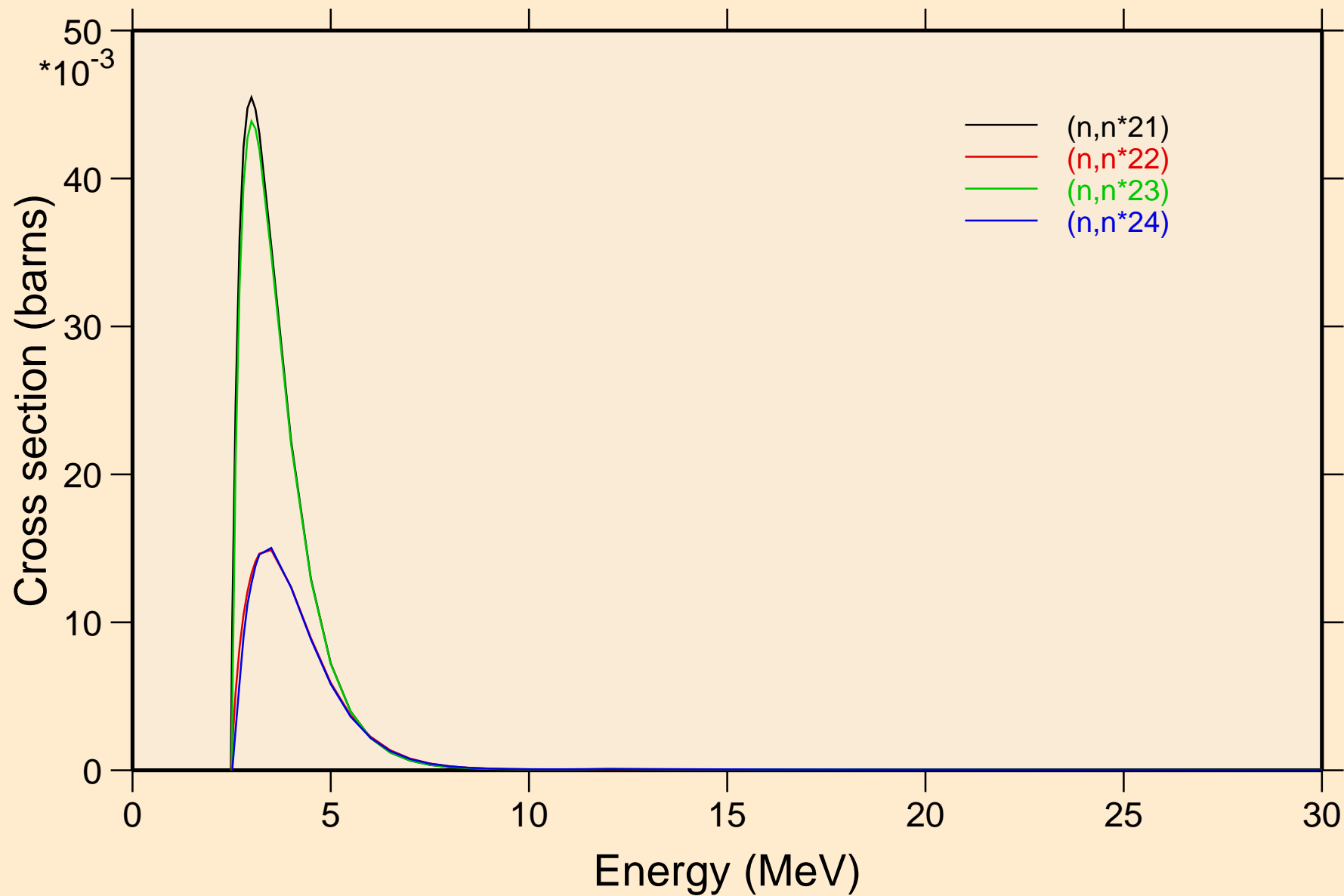
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Inelastic levels



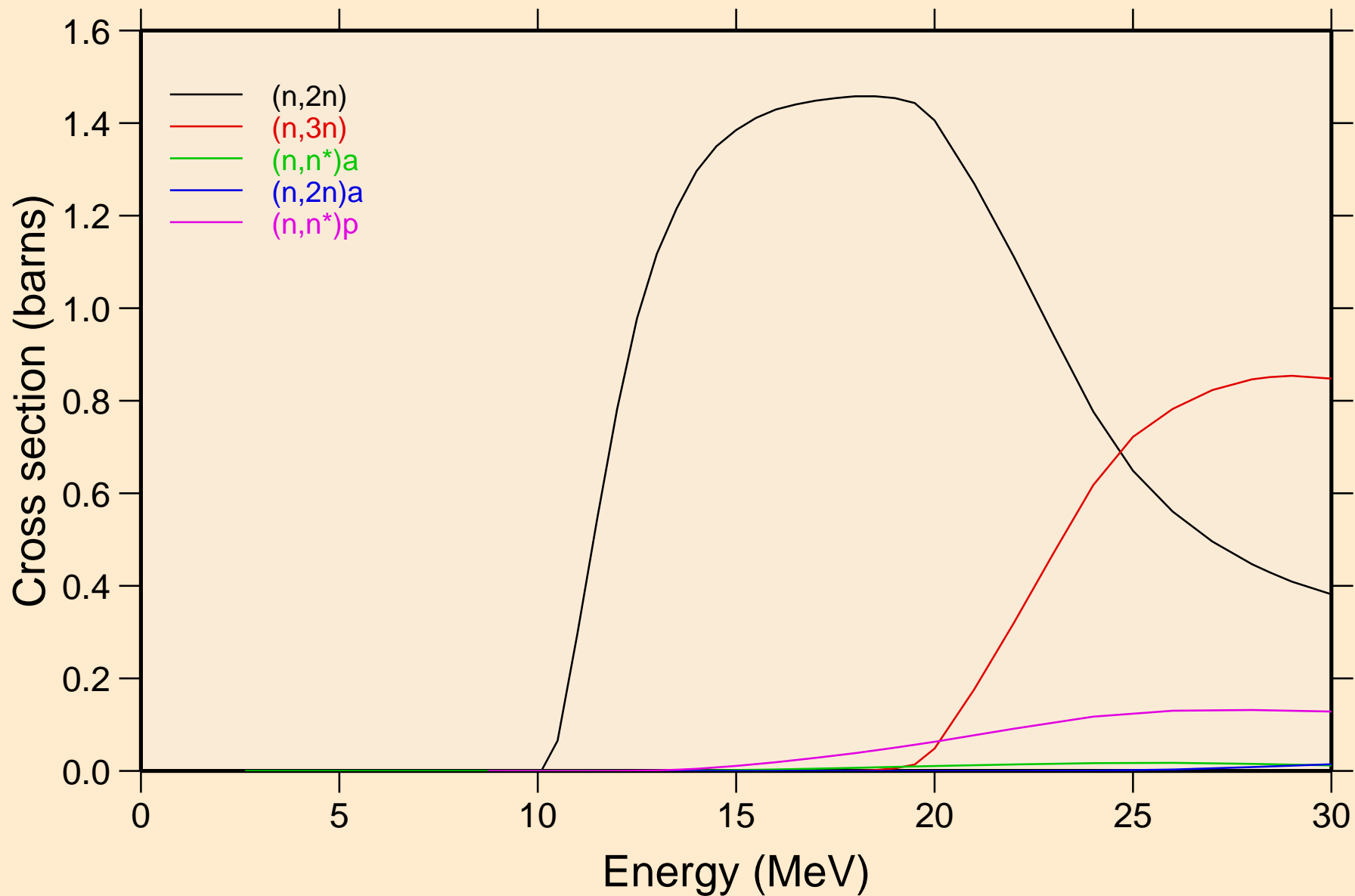
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Inelastic levels



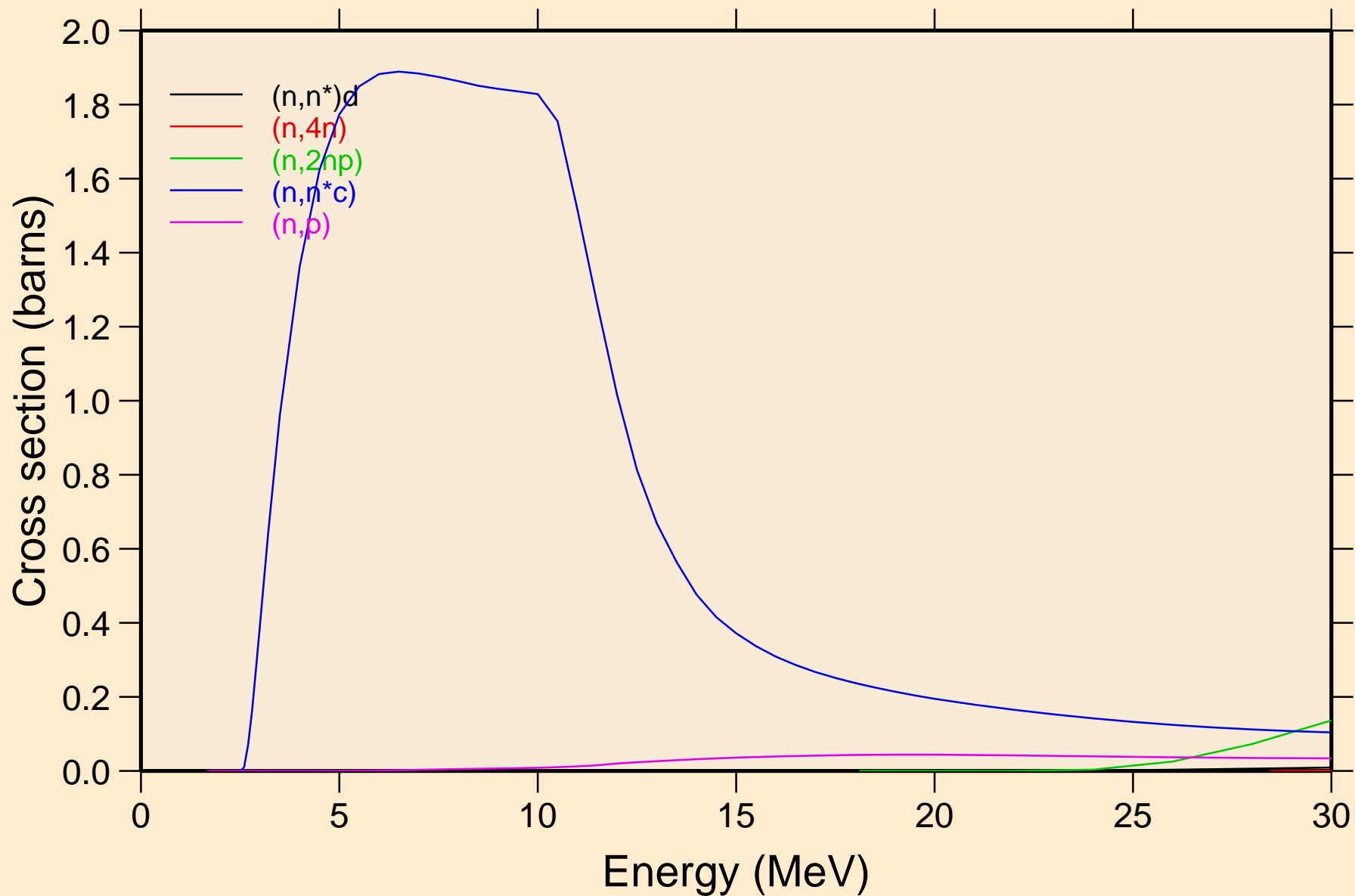
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Inelastic levels



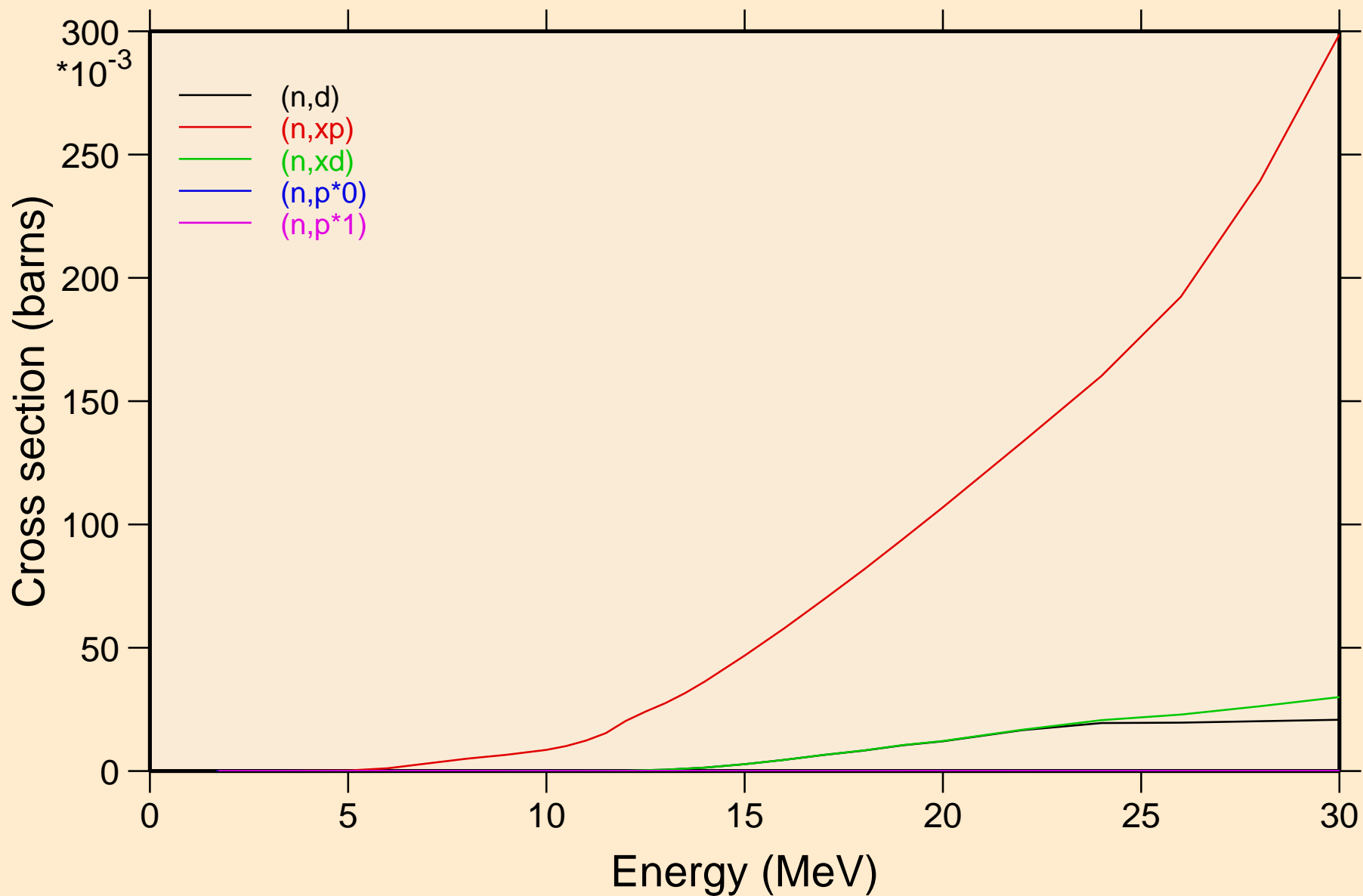
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Threshold reactions



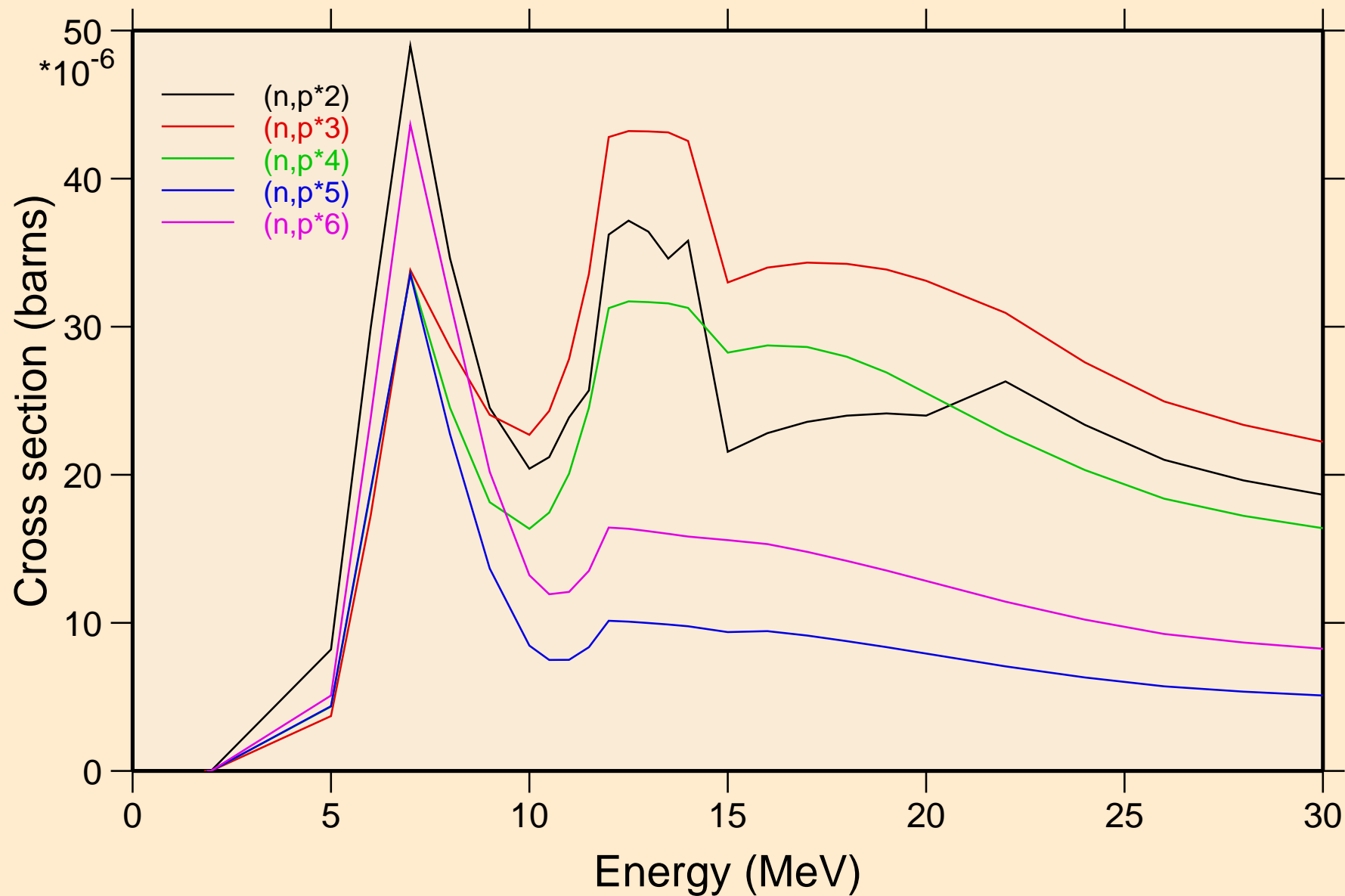
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Threshold reactions



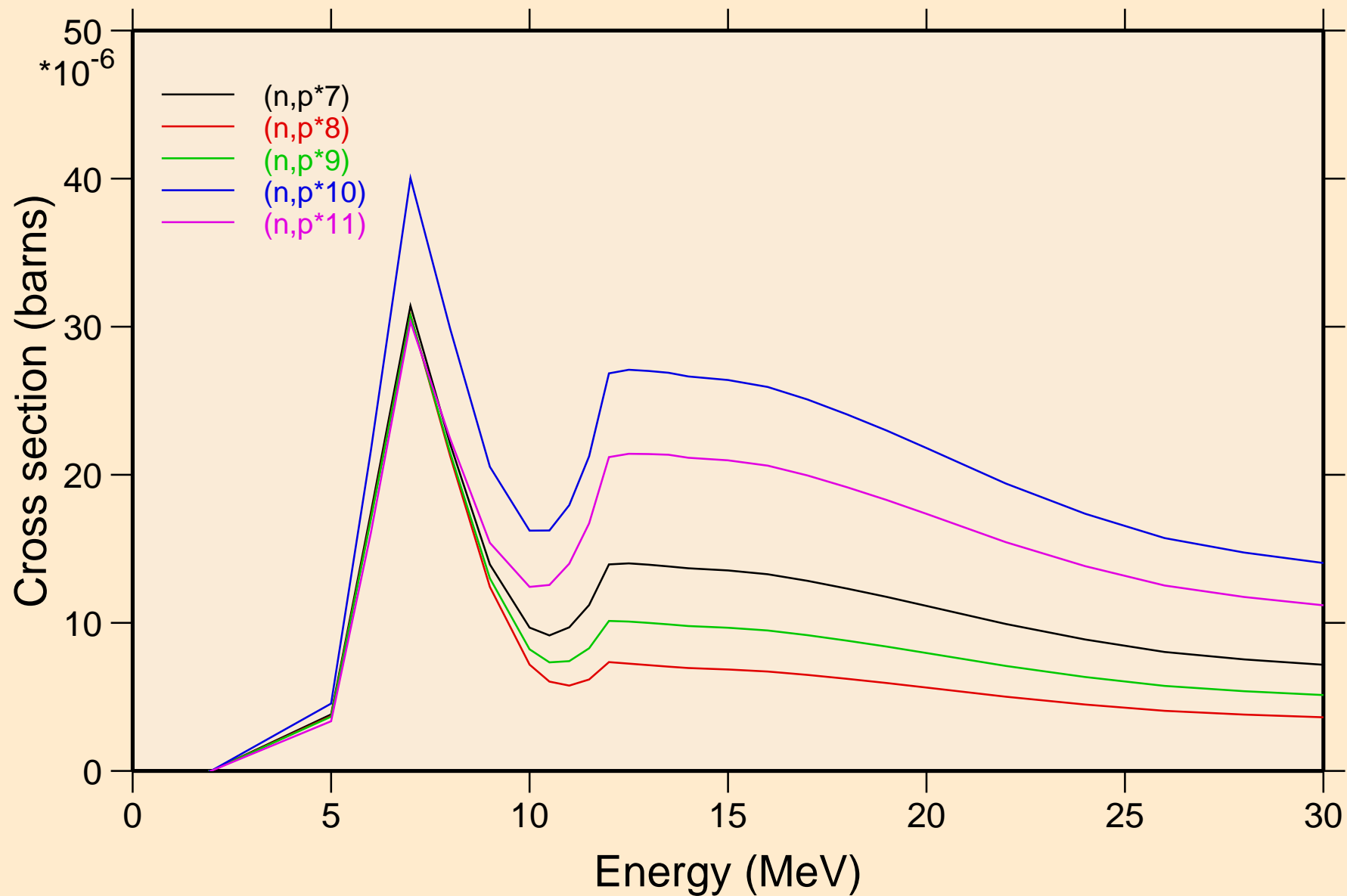
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Threshold reactions



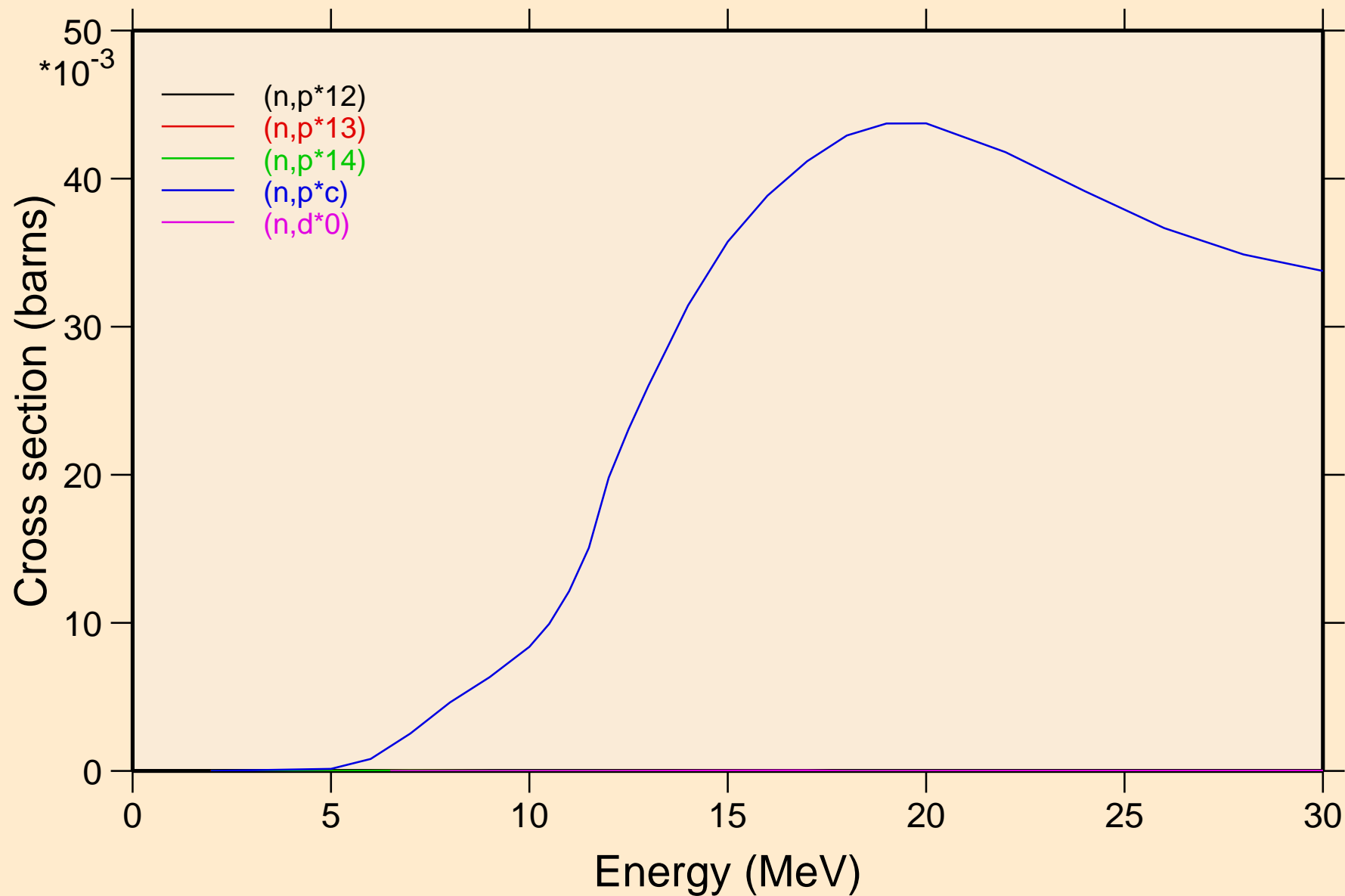
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Threshold reactions



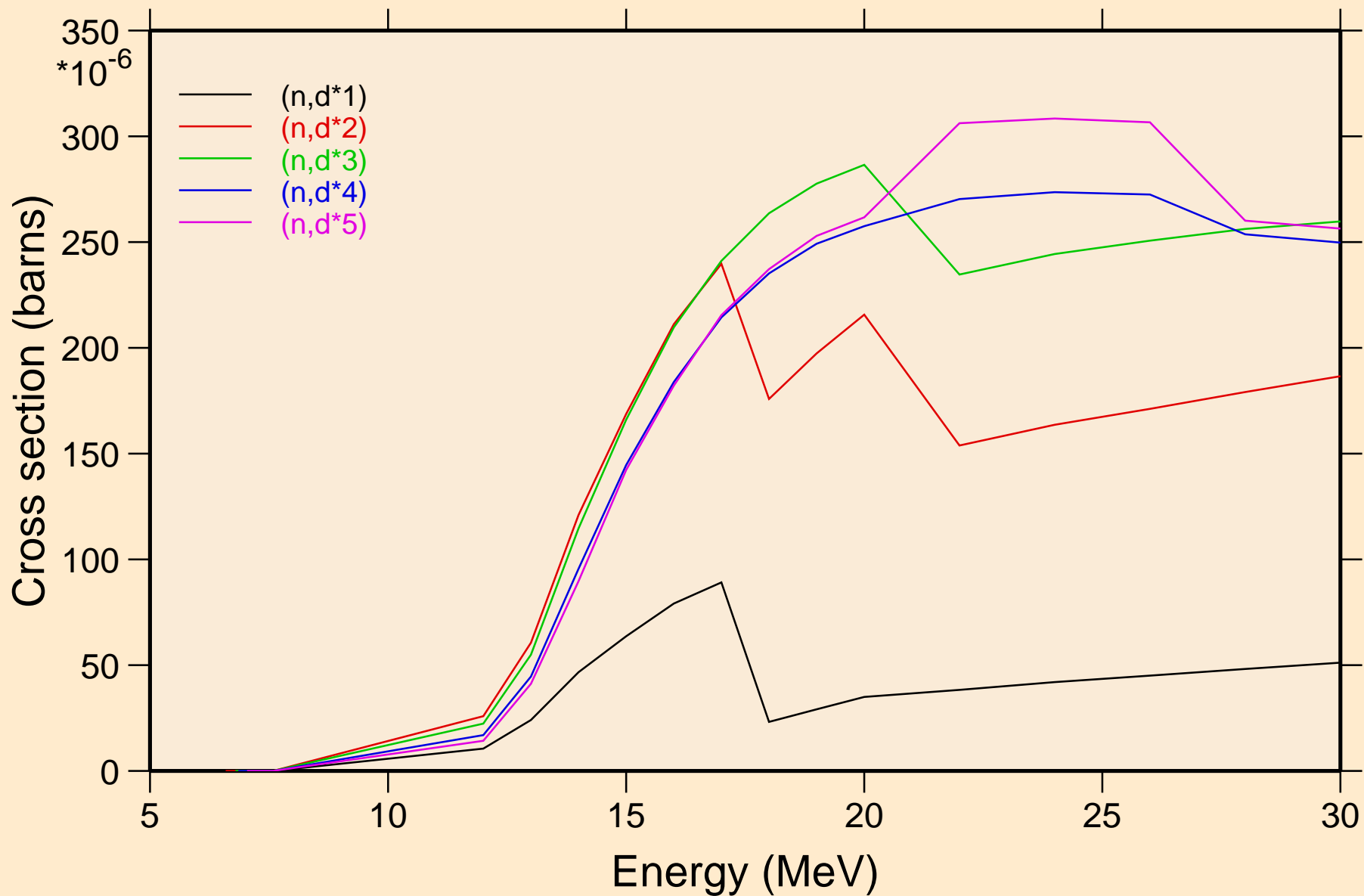
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Threshold reactions



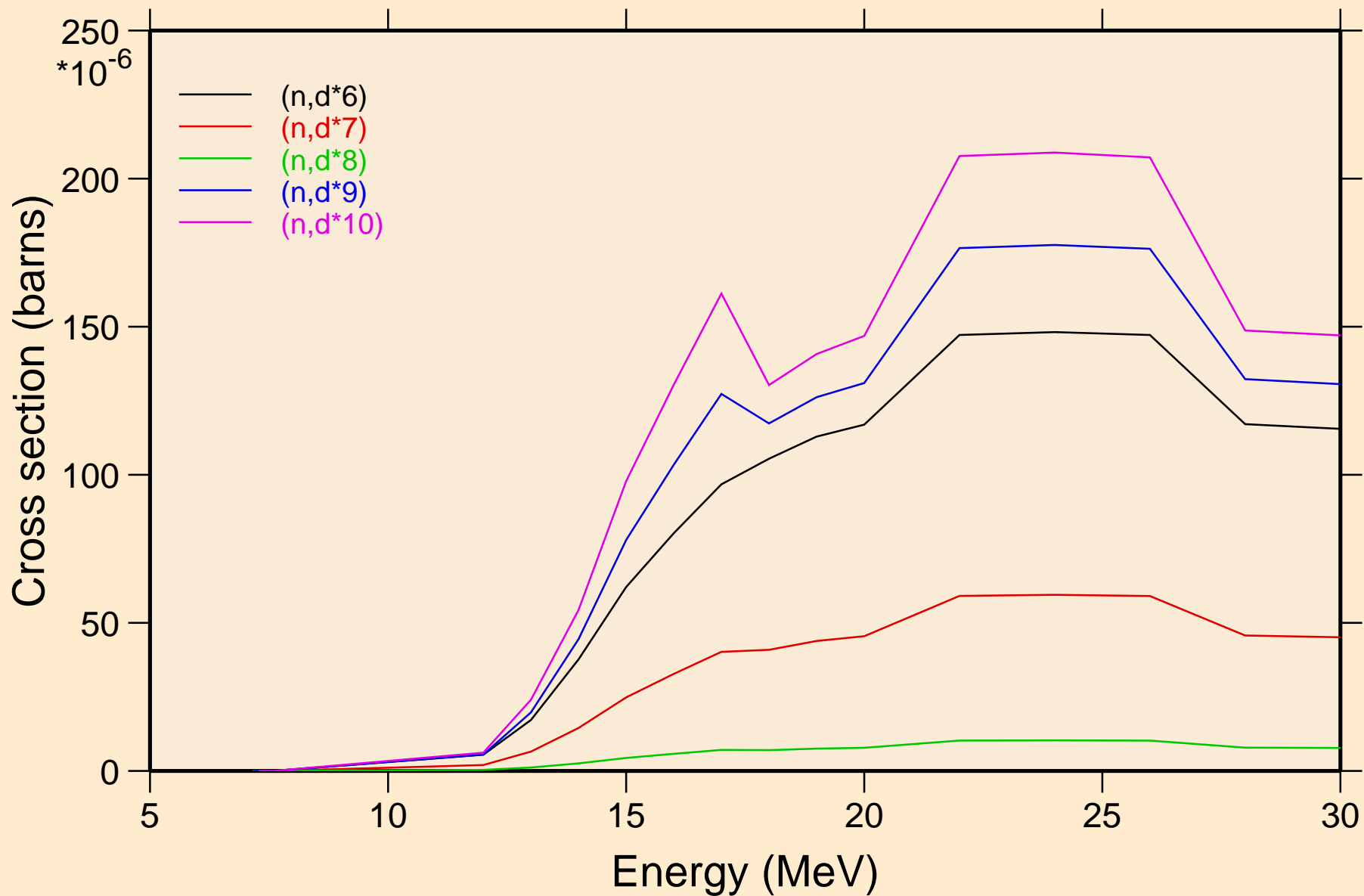
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Threshold reactions



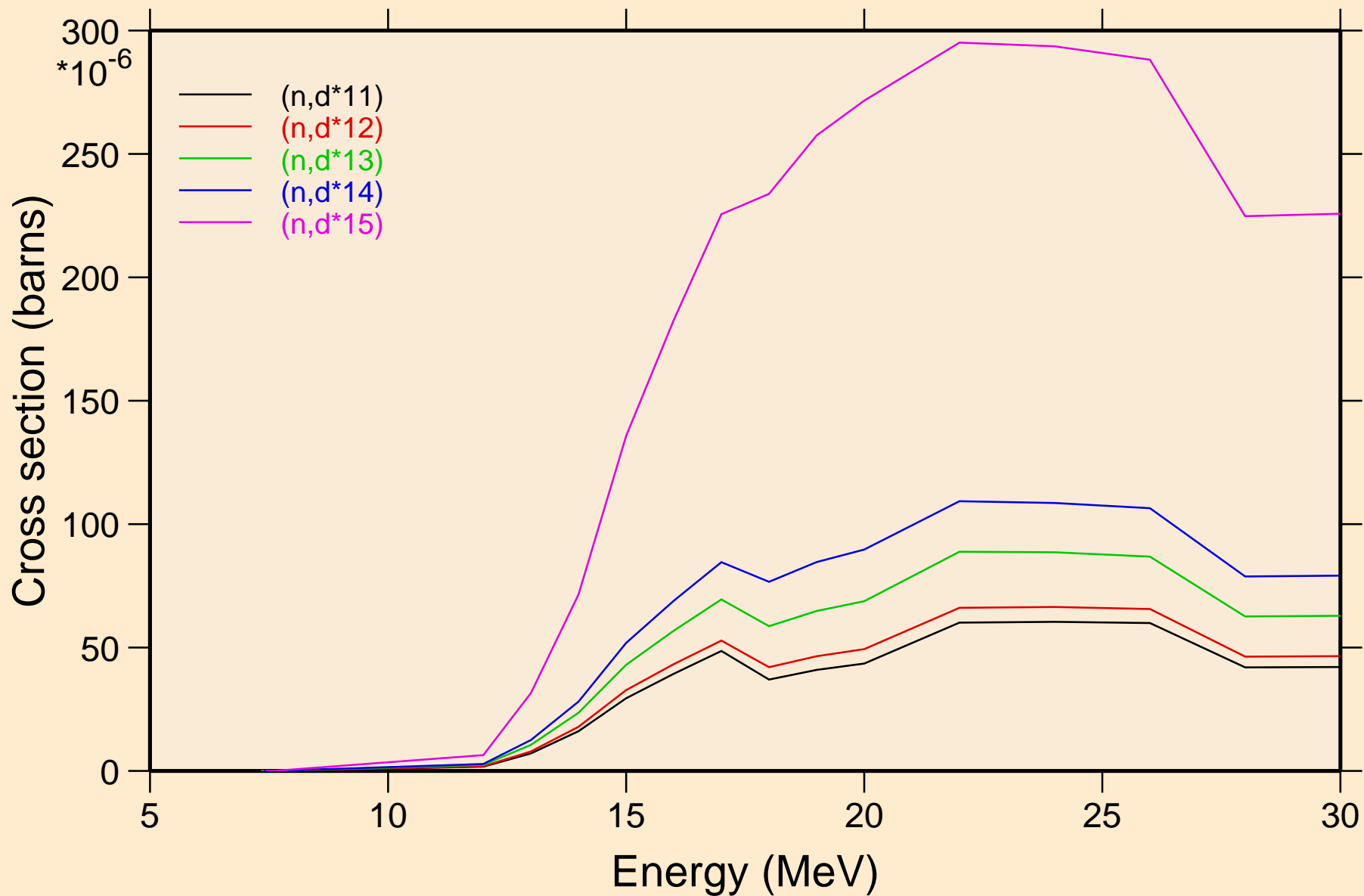
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Threshold reactions



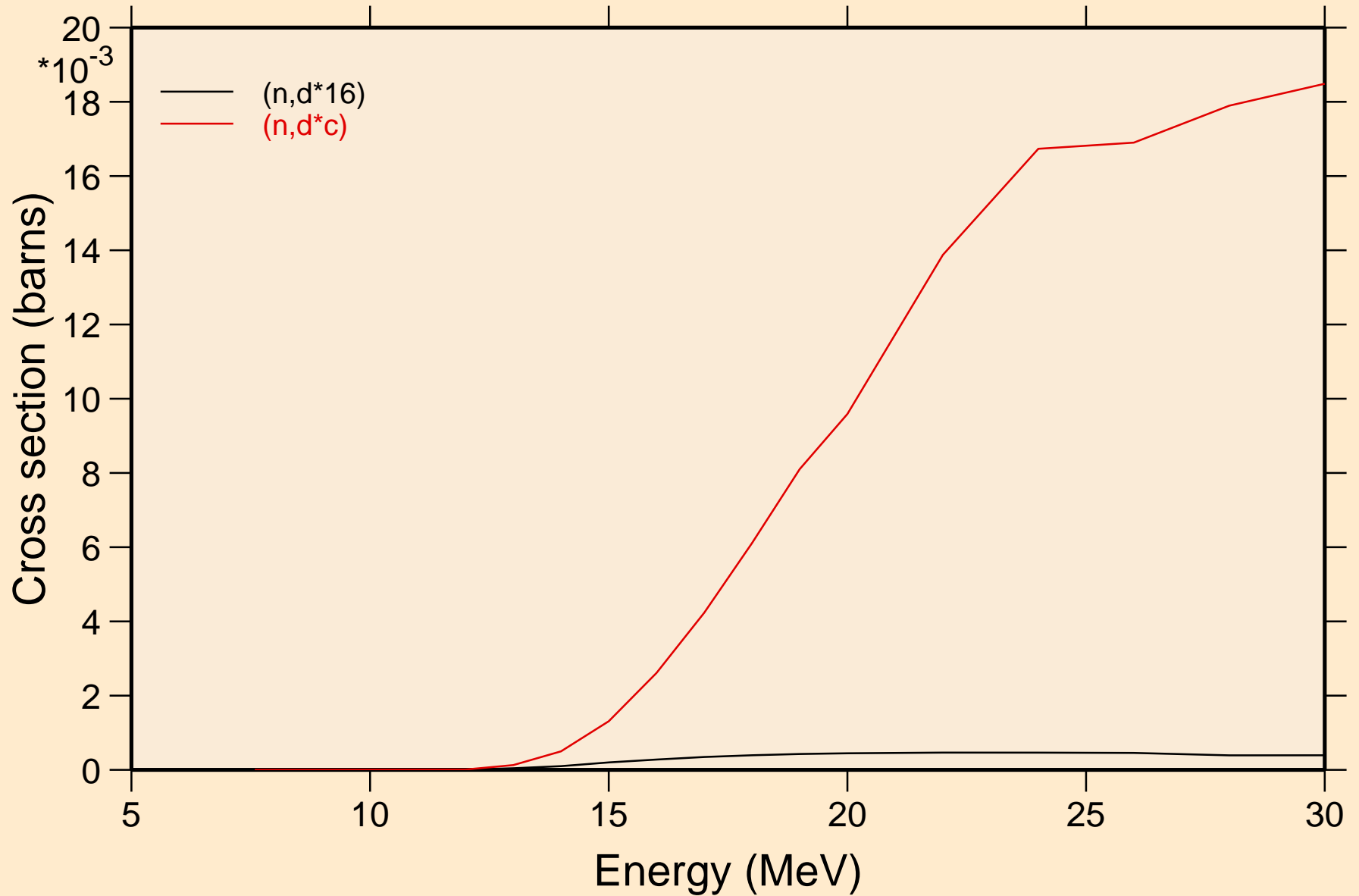
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Threshold reactions



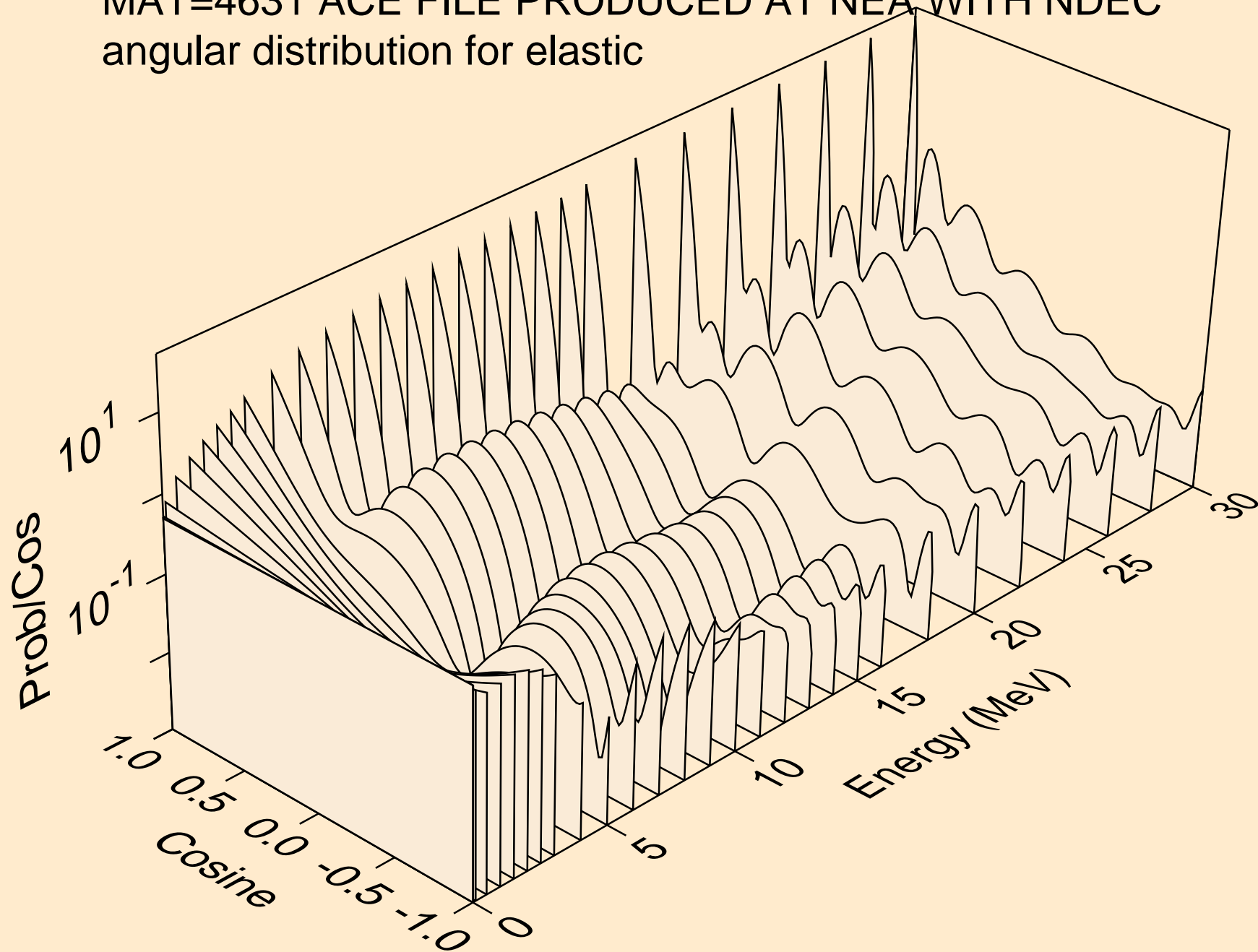
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Threshold reactions



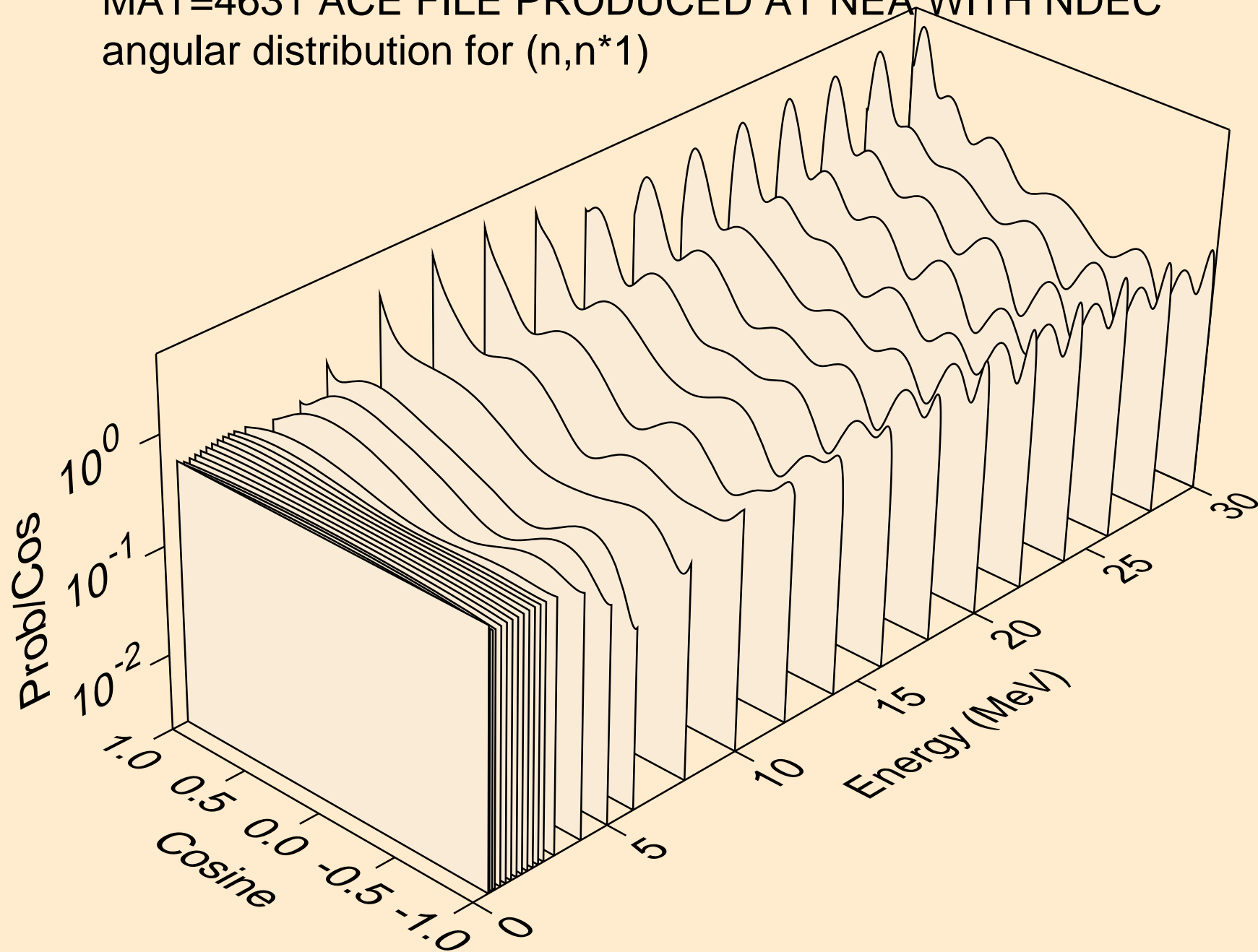
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Threshold reactions



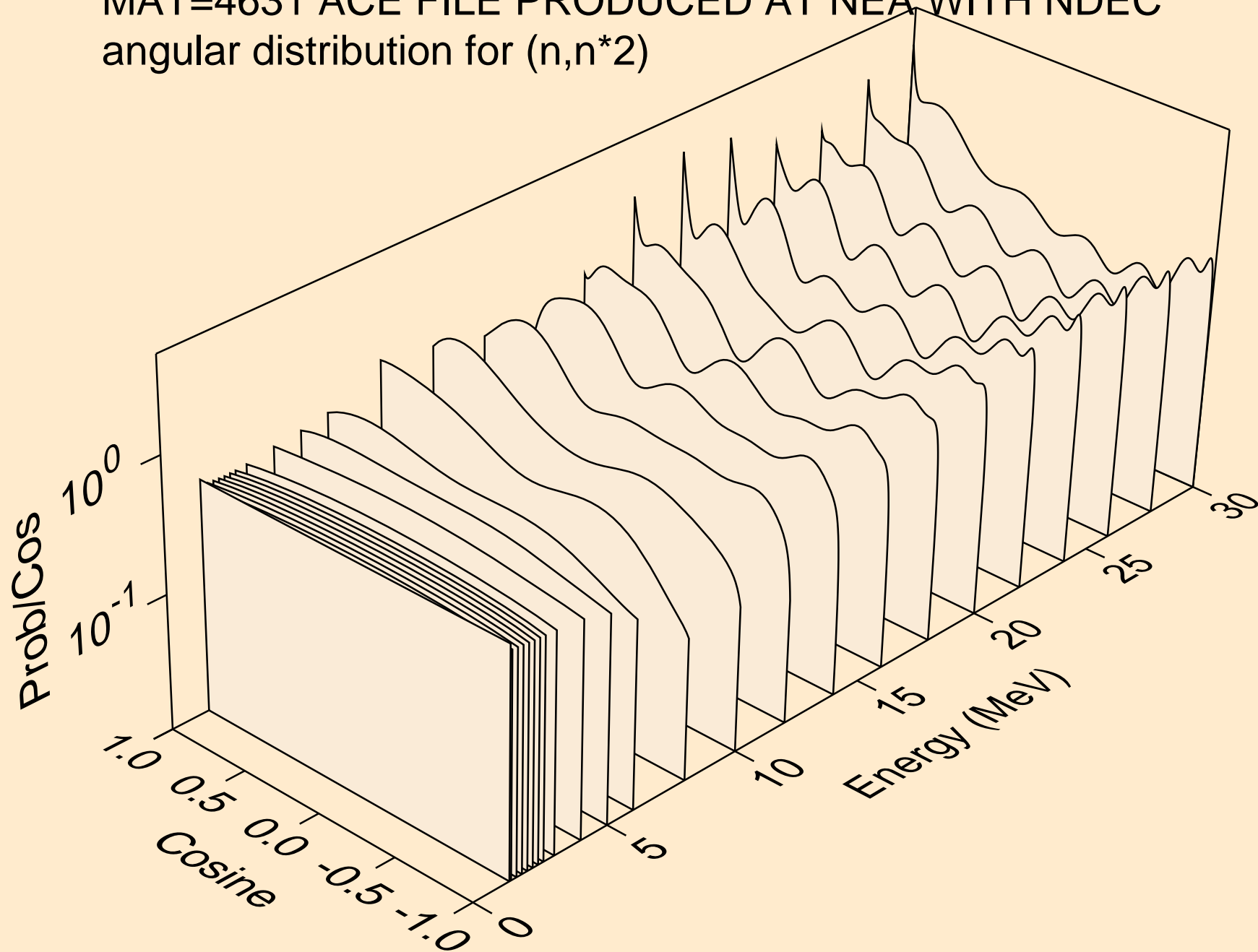
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angular distribution for elastic



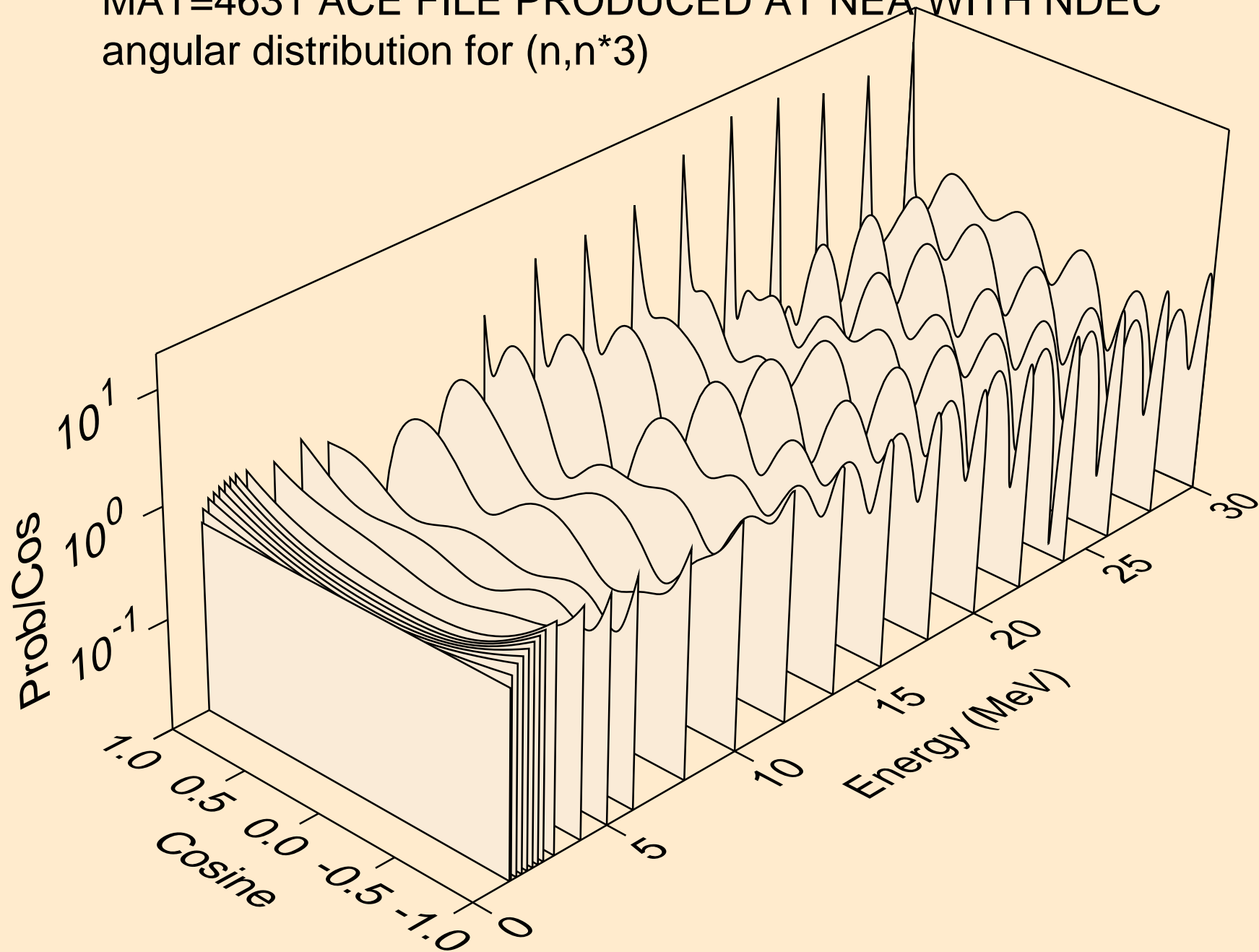
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angular distribution for (n,n*1)



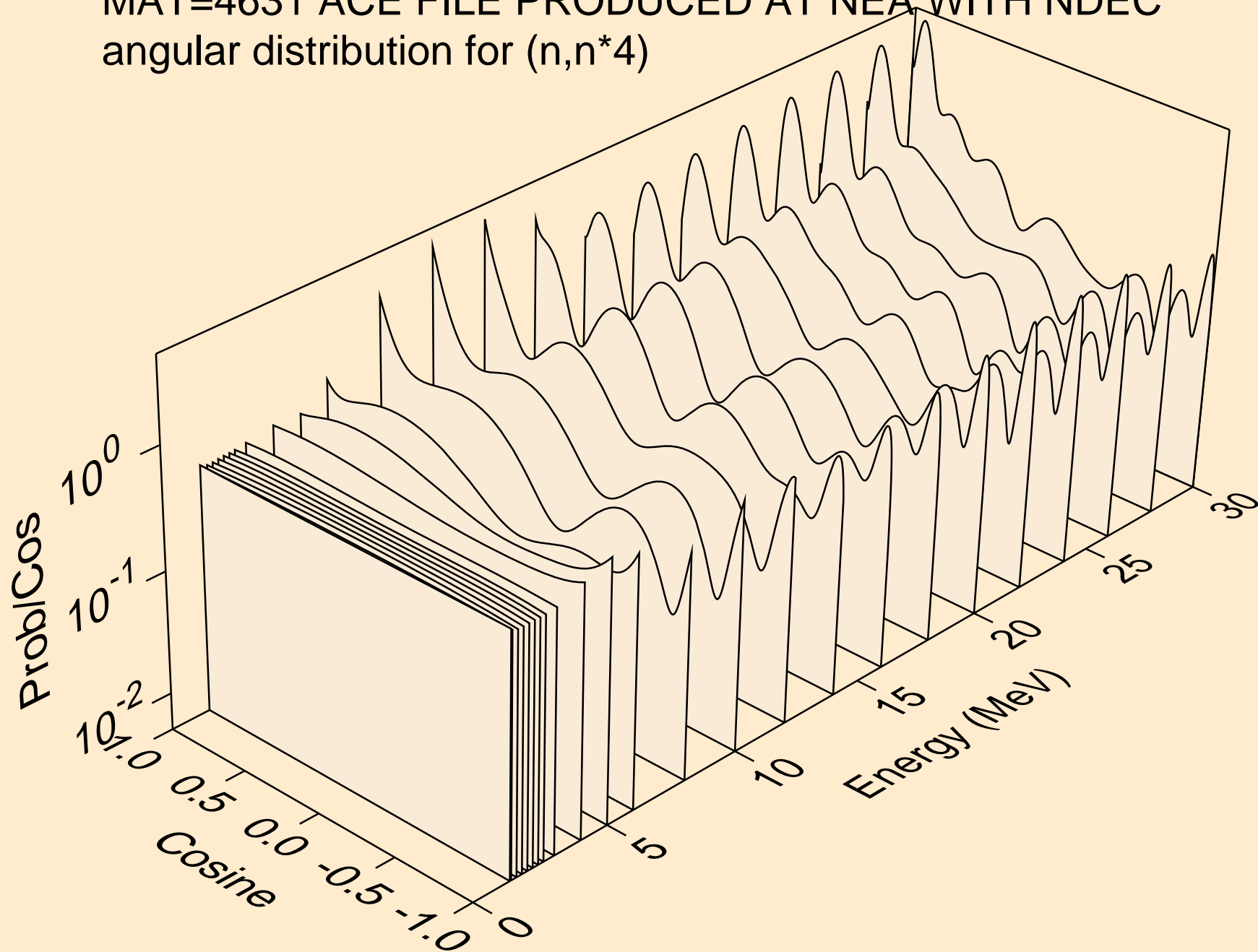
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angular distribution for (n,n*2)



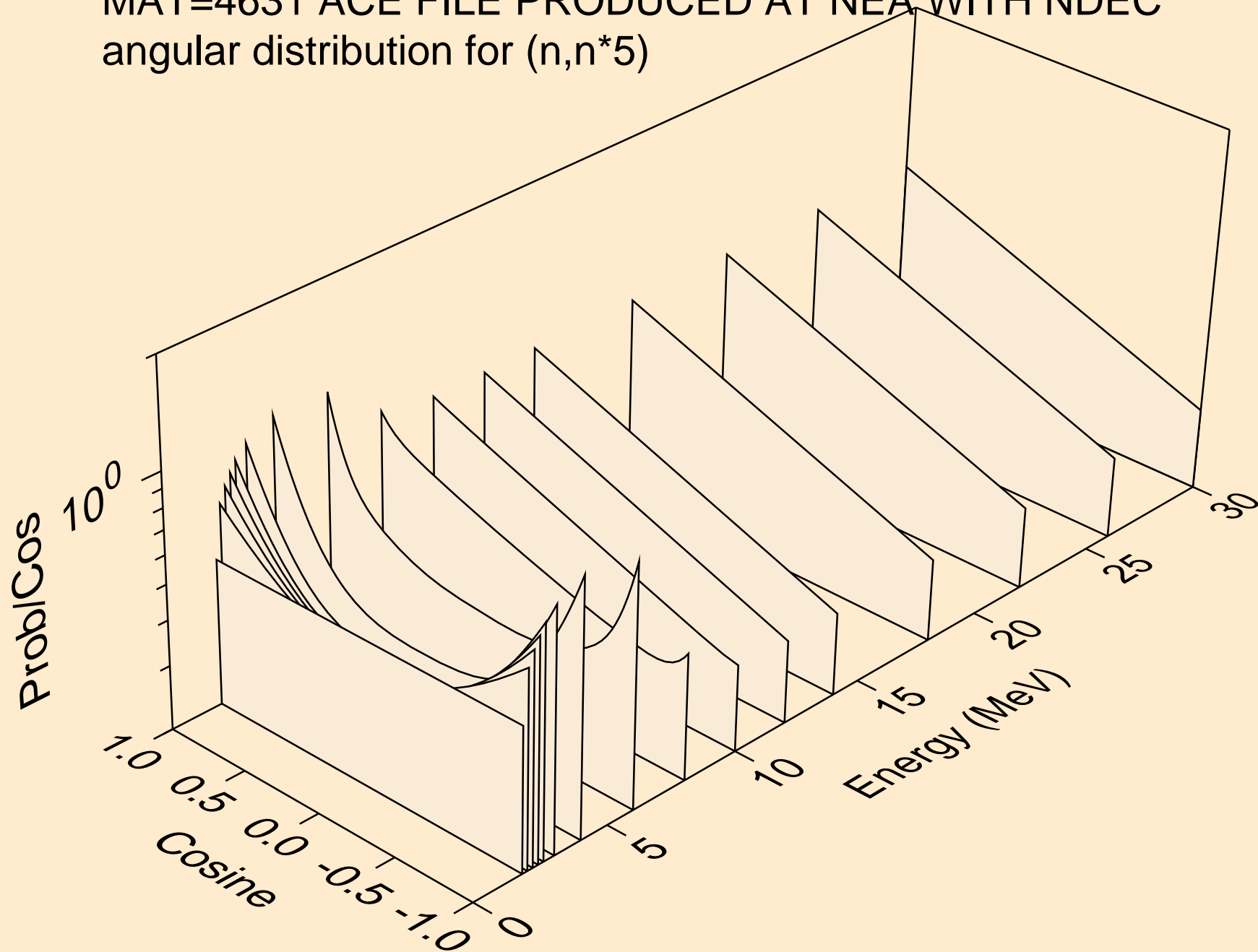
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angular distribution for (n,n*3)



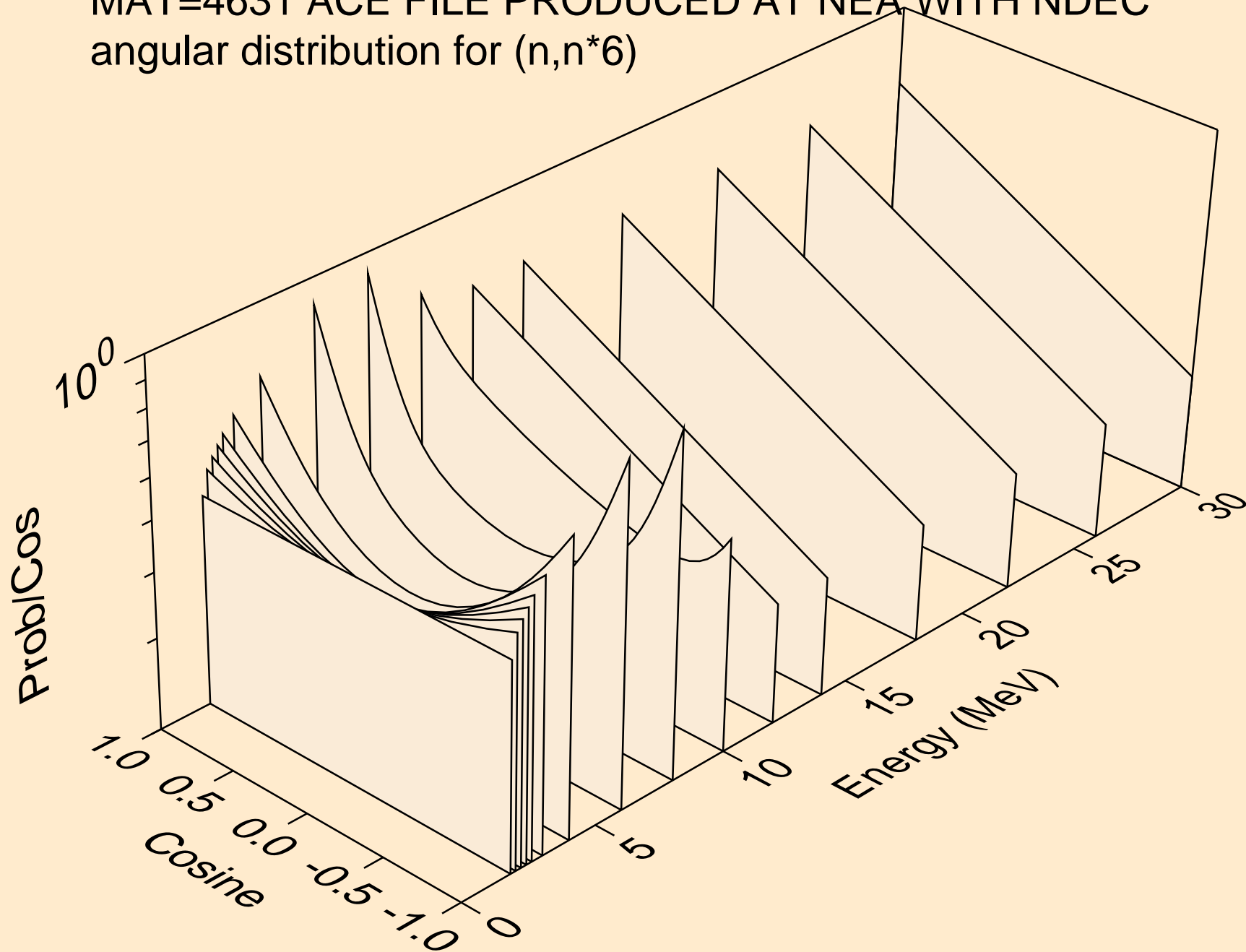
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angular distribution for (n,n*4)



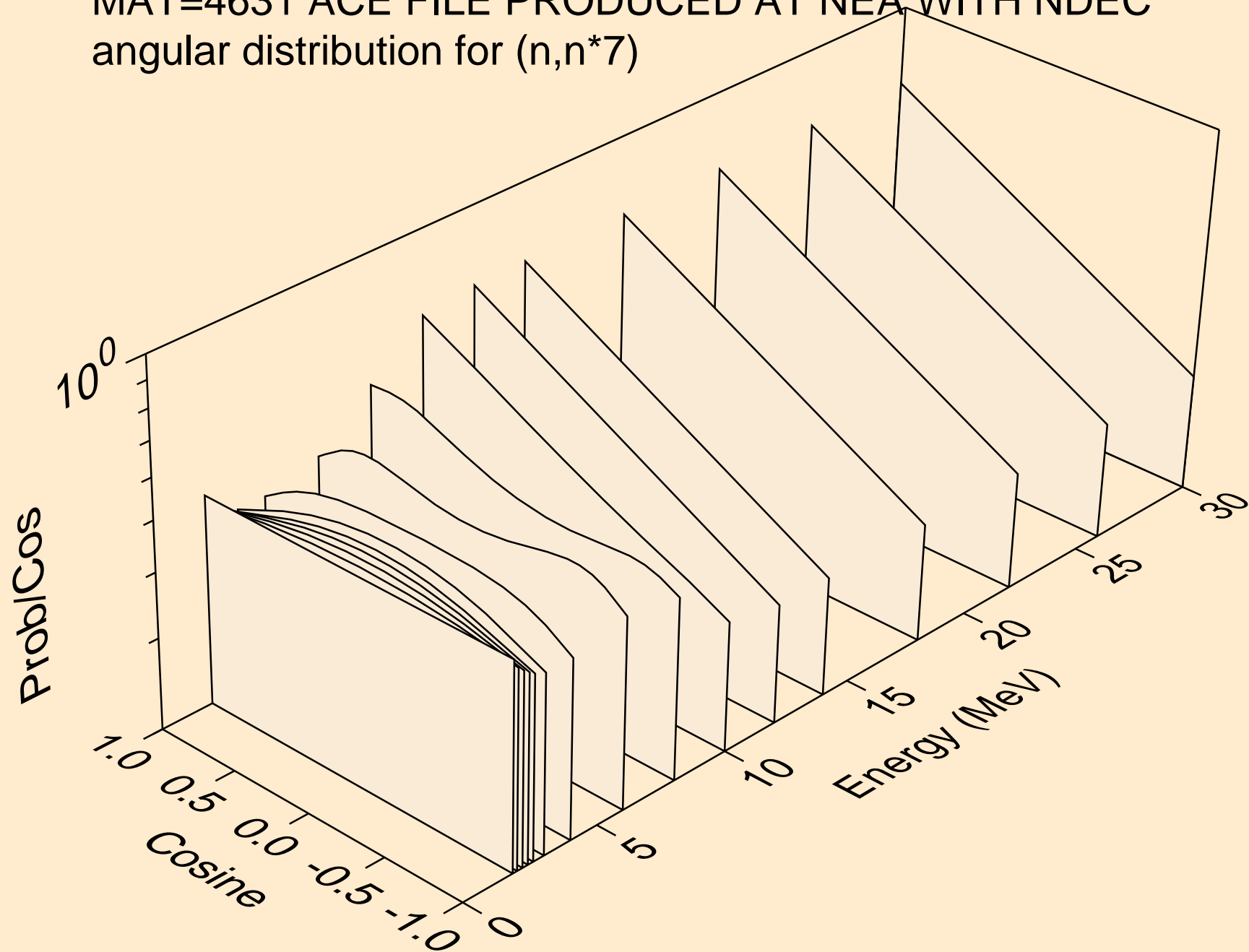
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angular distribution for (n,n*5)



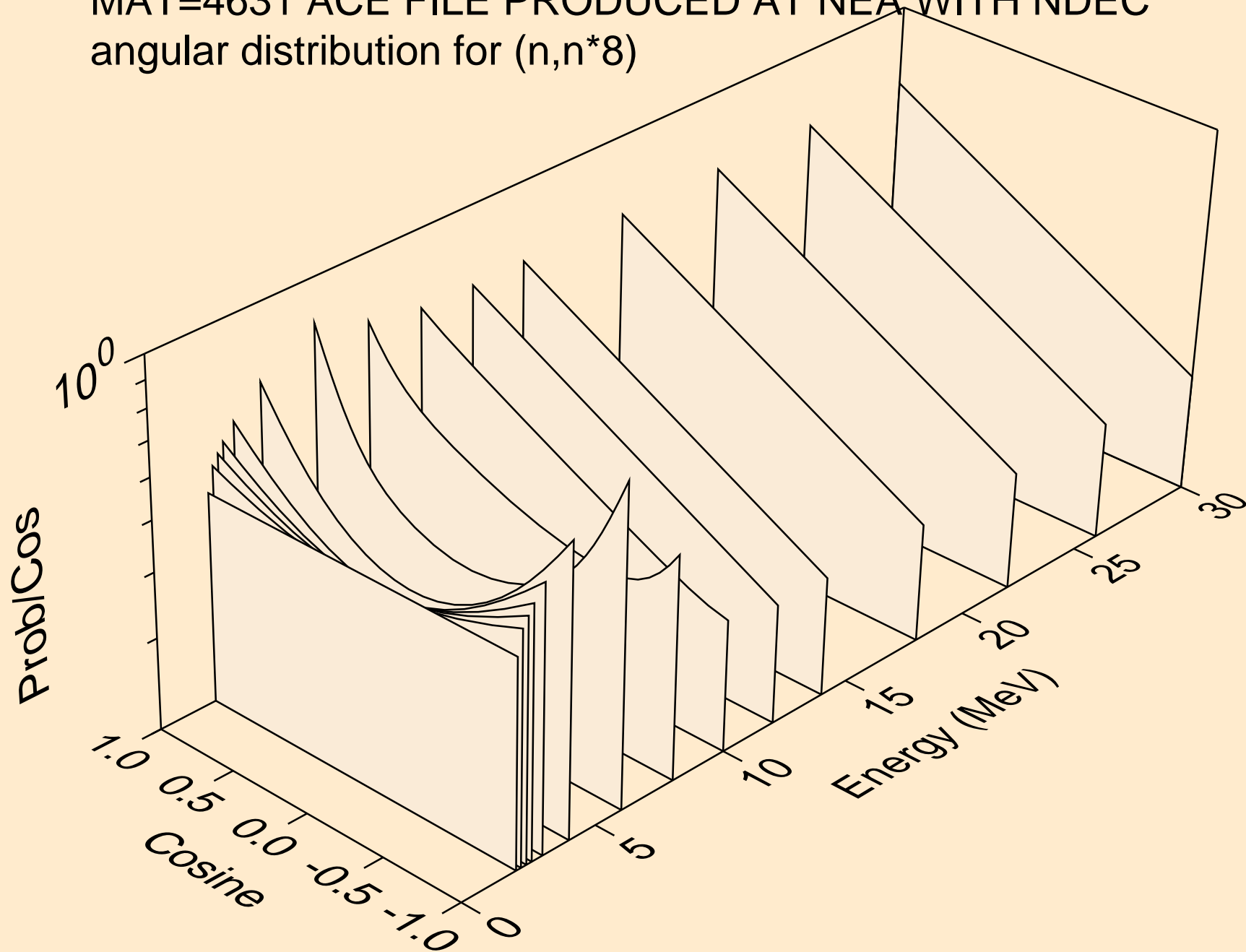
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angular distribution for (n,n*6)



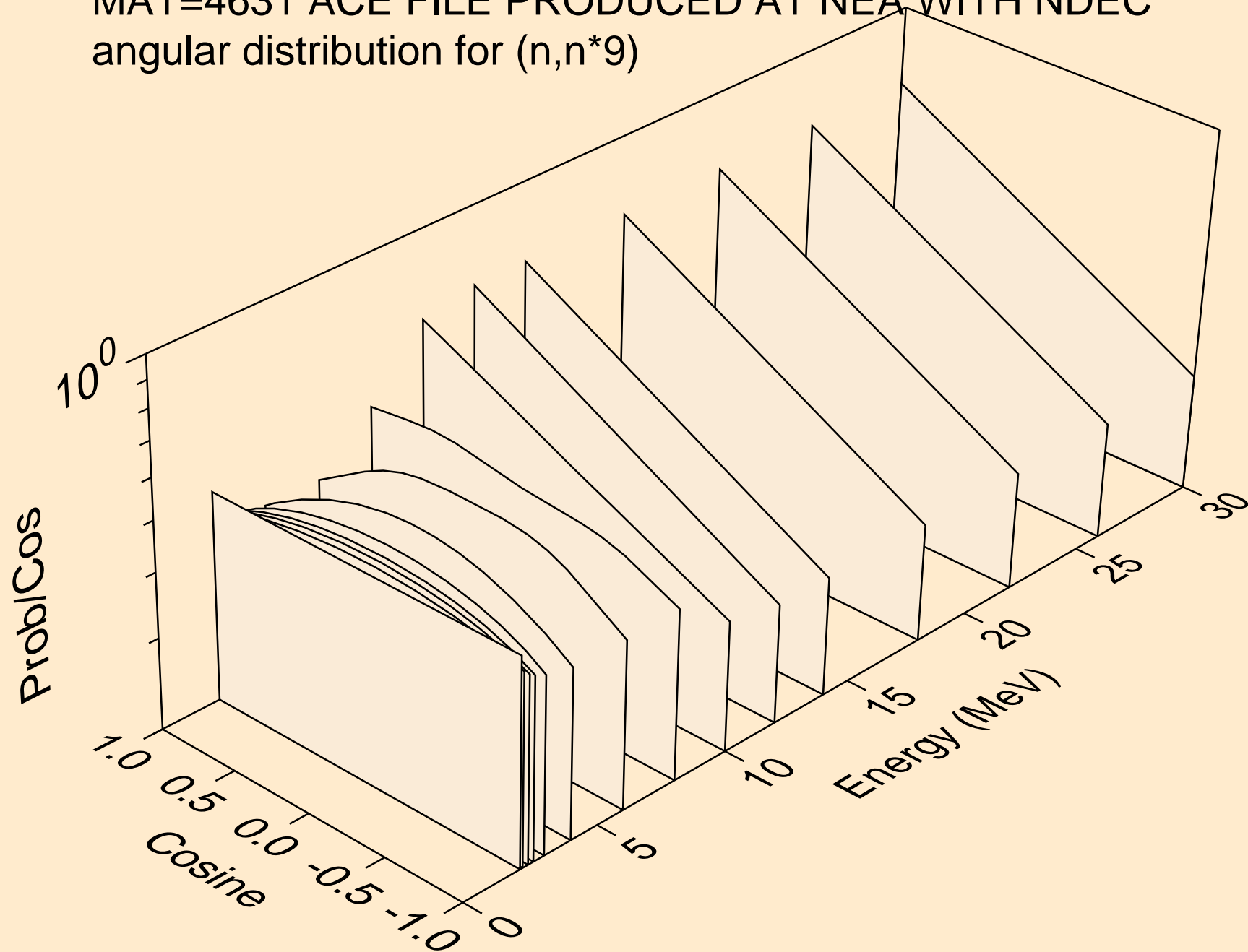
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angular distribution for (n,n*7)



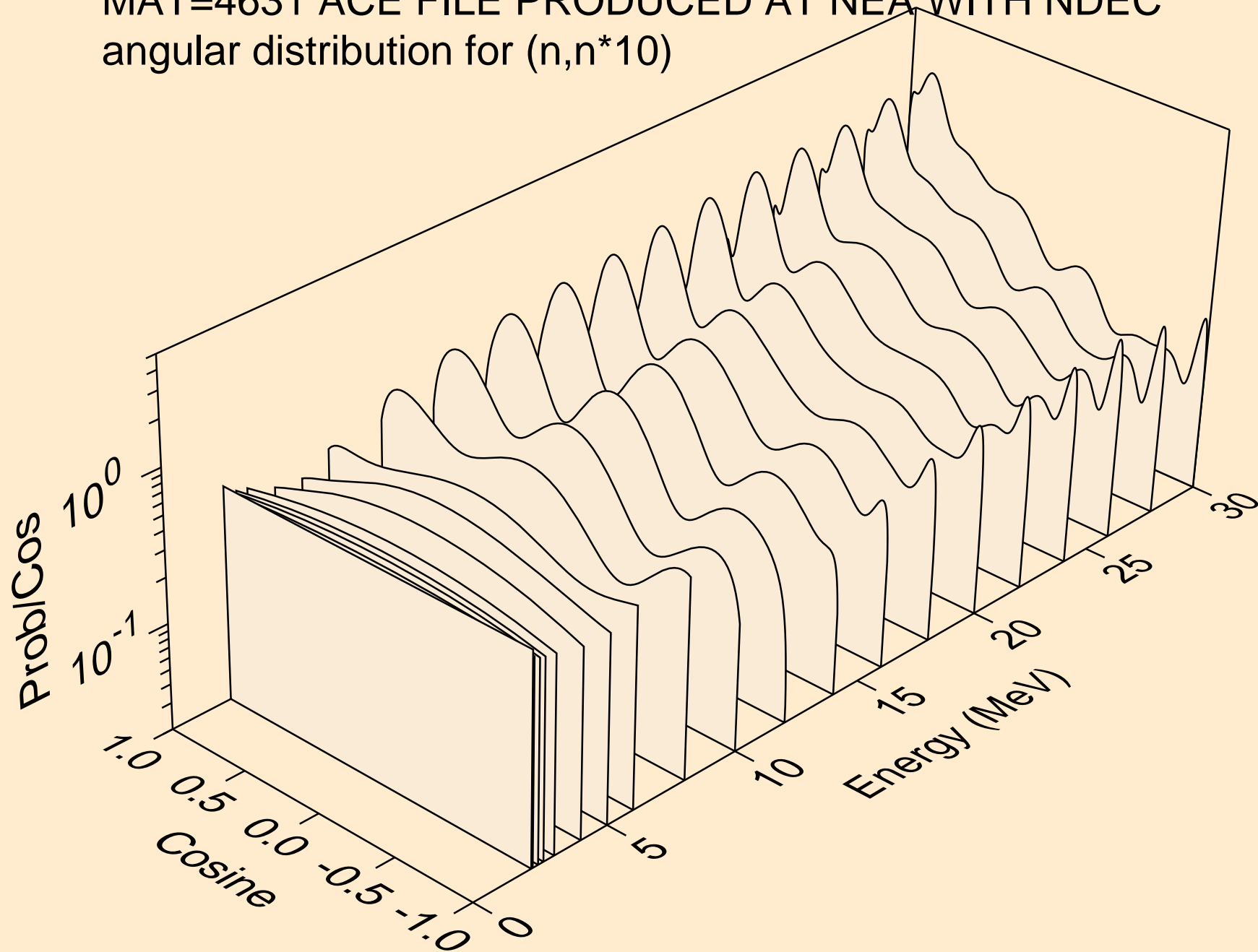
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angular distribution for (n,n*8)



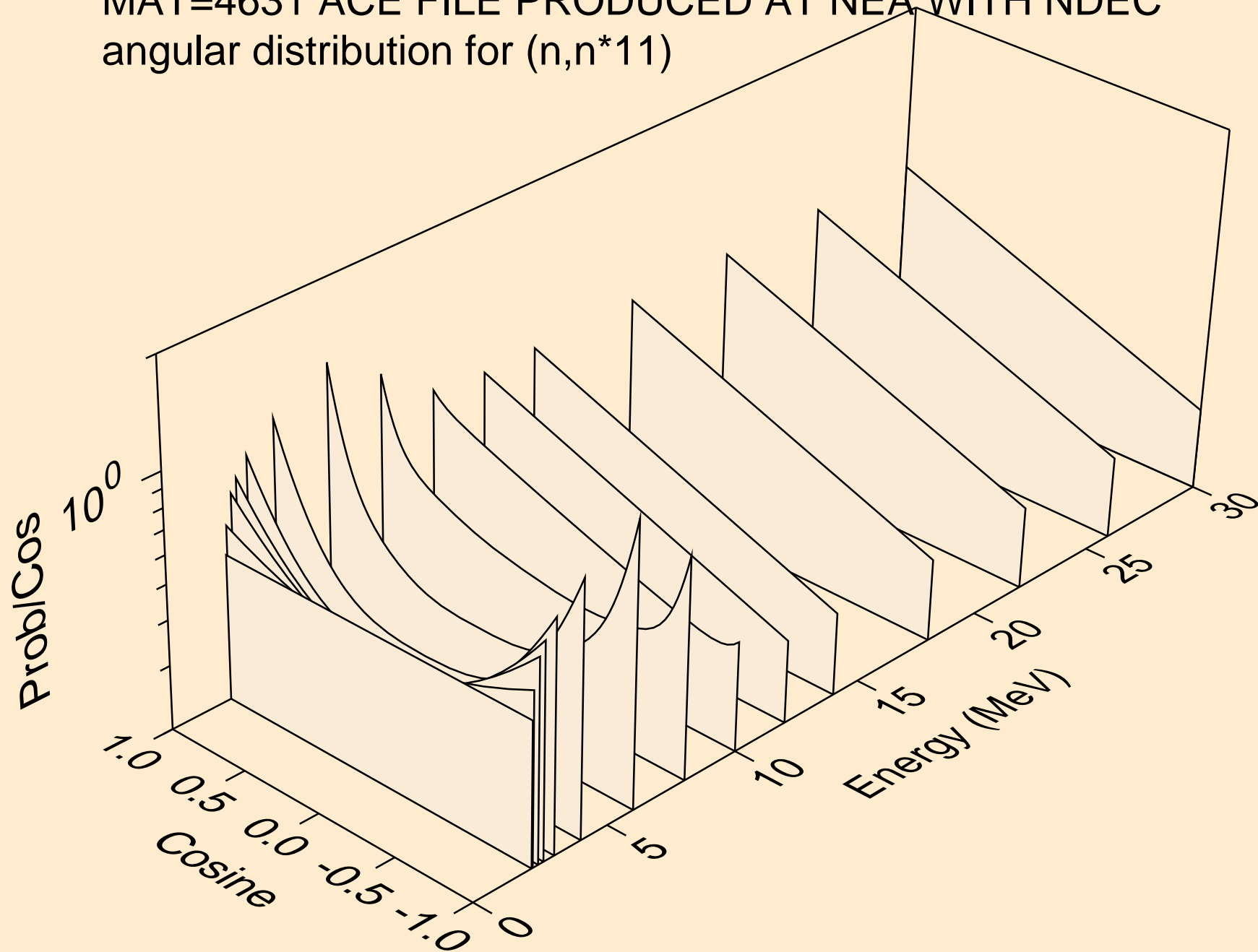
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angular distribution for (n,n*9)



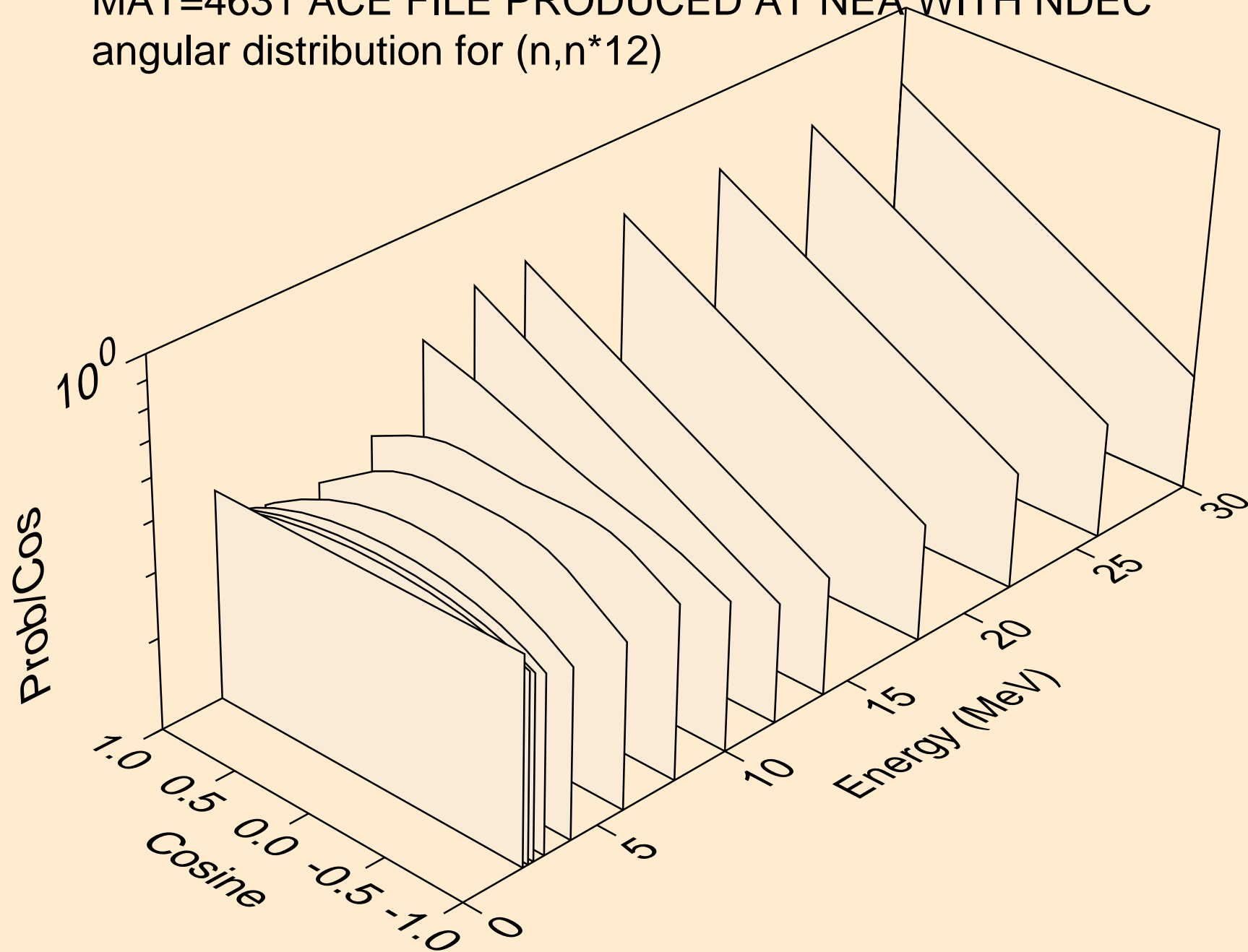
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angular distribution for (n,n*10)



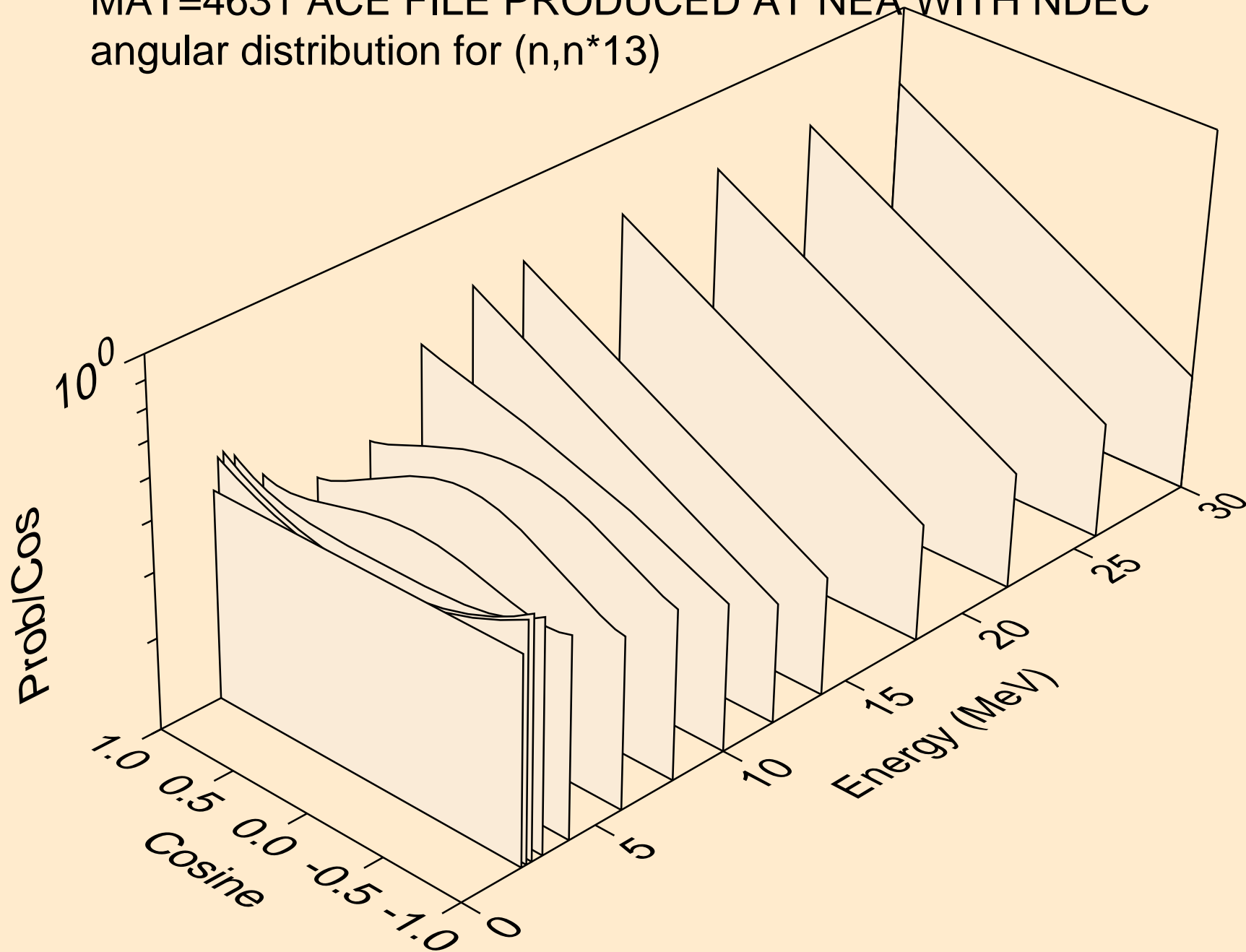
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angular distribution for (n,n*11)



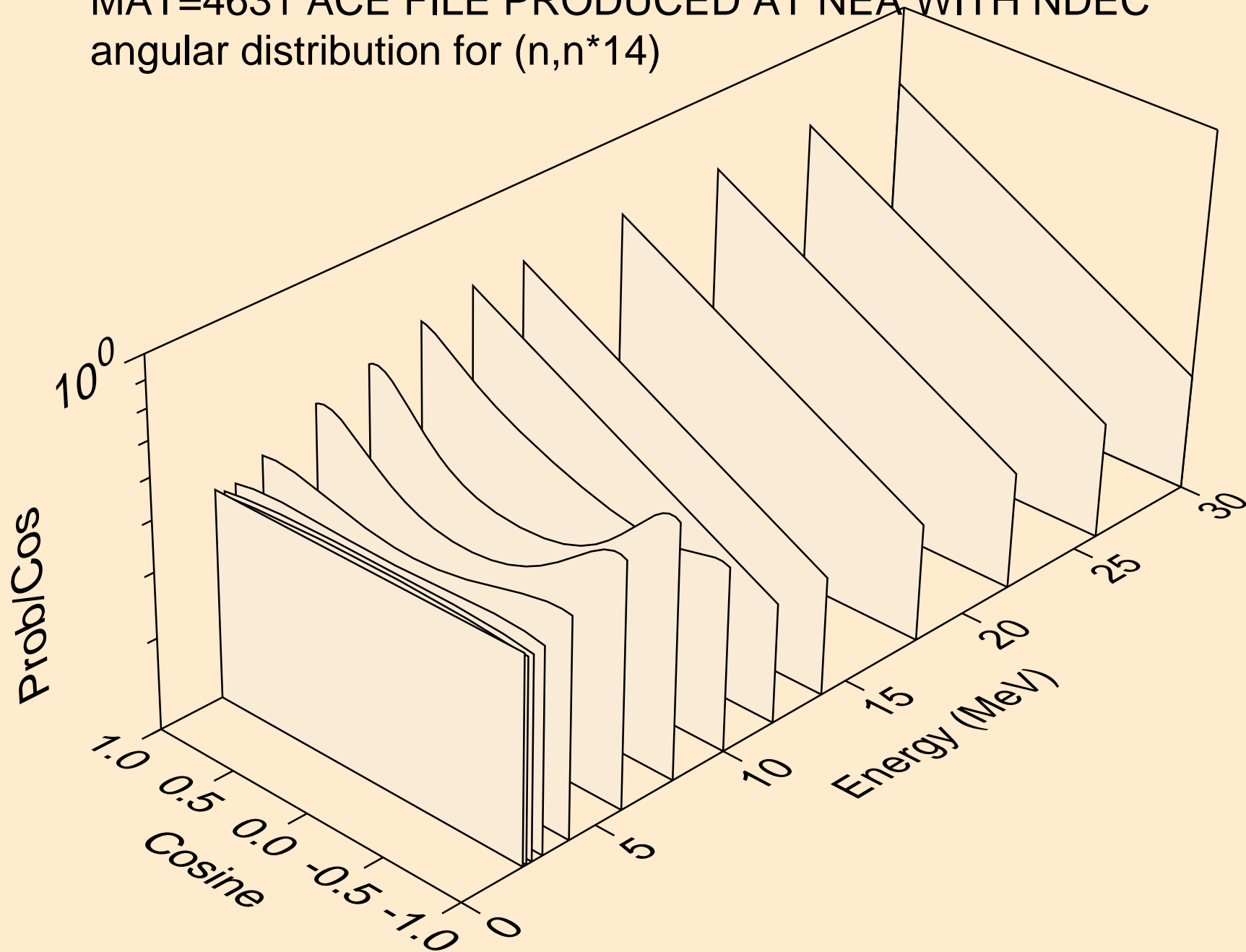
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angular distribution for (n,n*12)



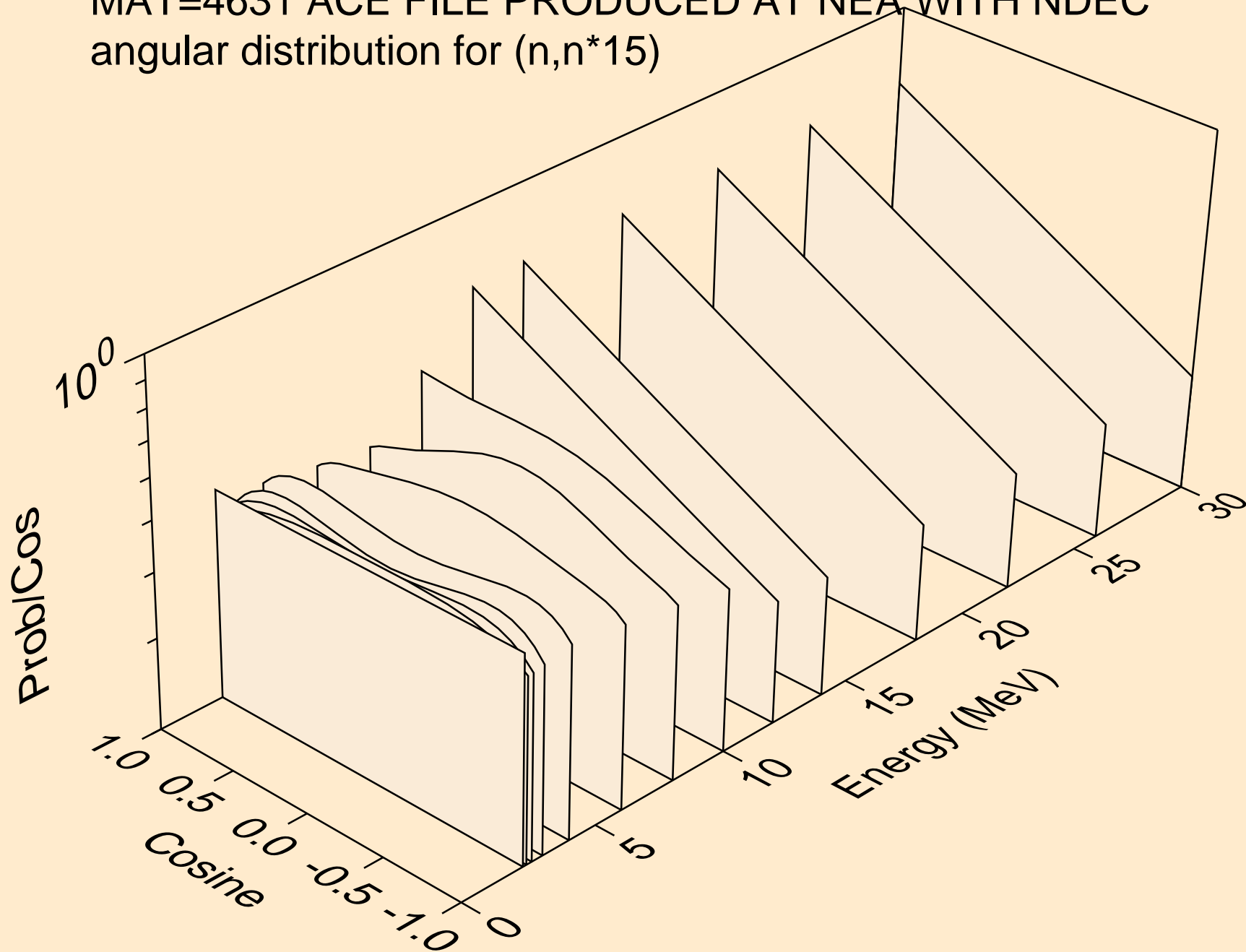
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angular distribution for (n,n*13)



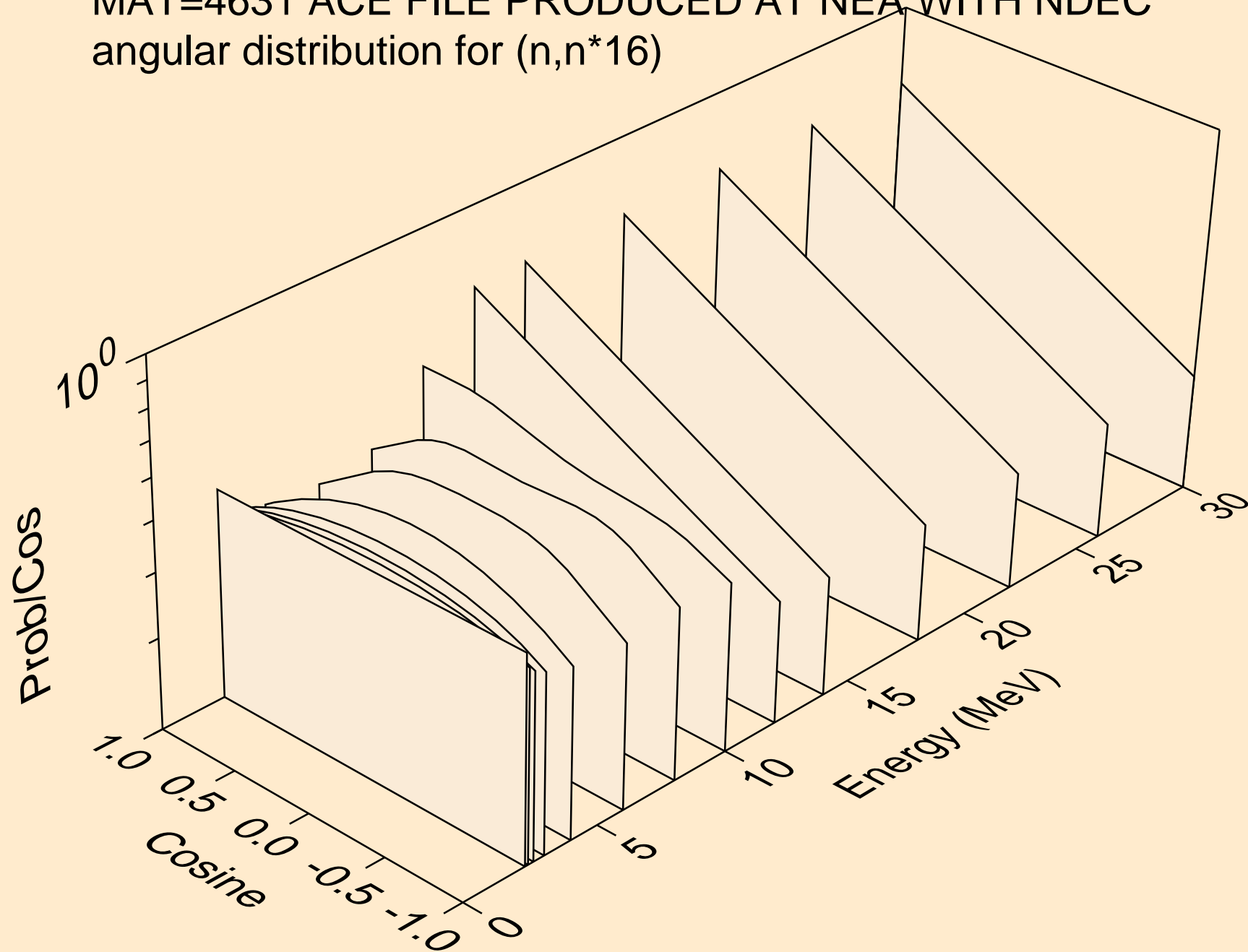
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angular distribution for (n,n*14)



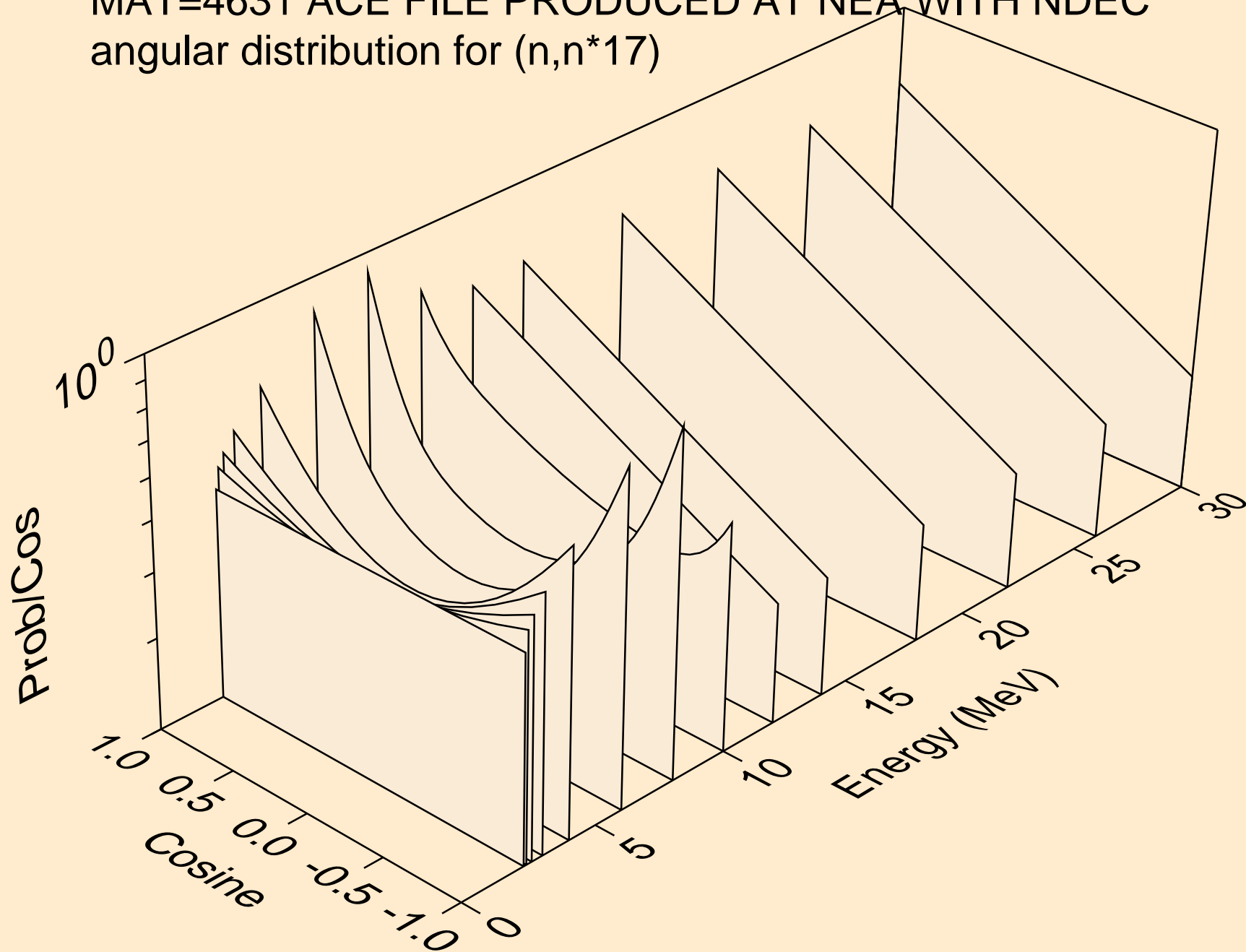
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angular distribution for (n,n*15)



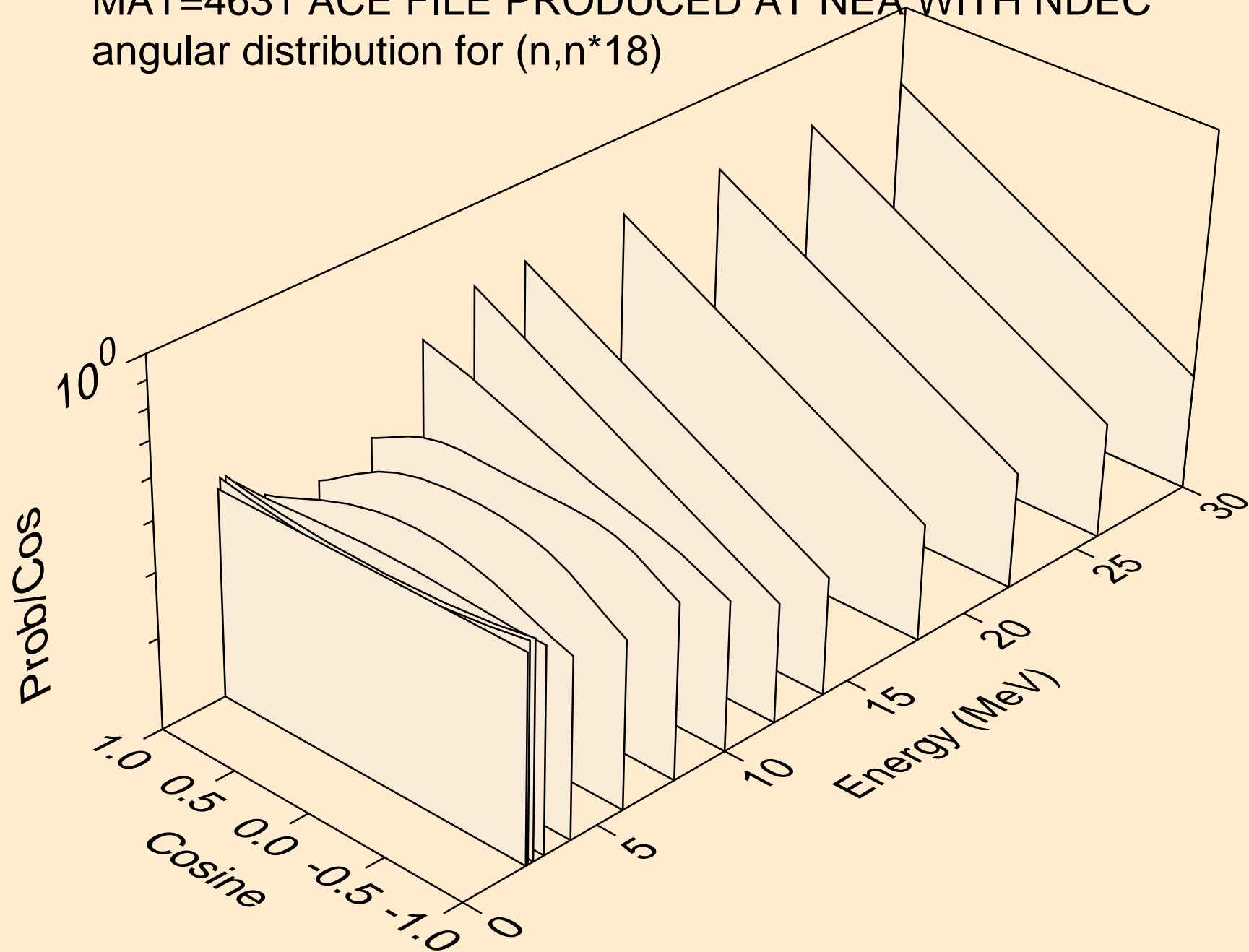
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angular distribution for (n,n*16)



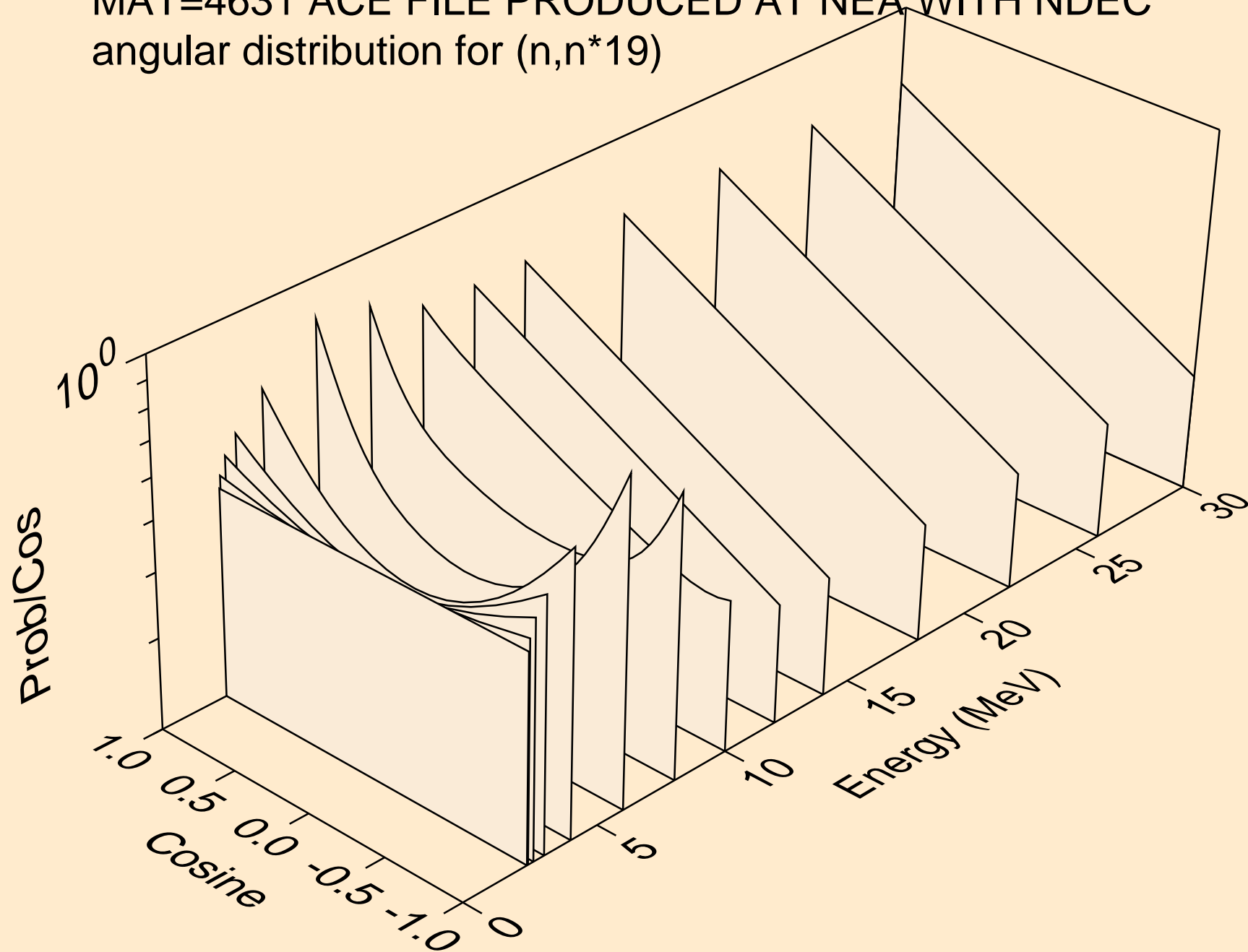
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angular distribution for (n,n*17)



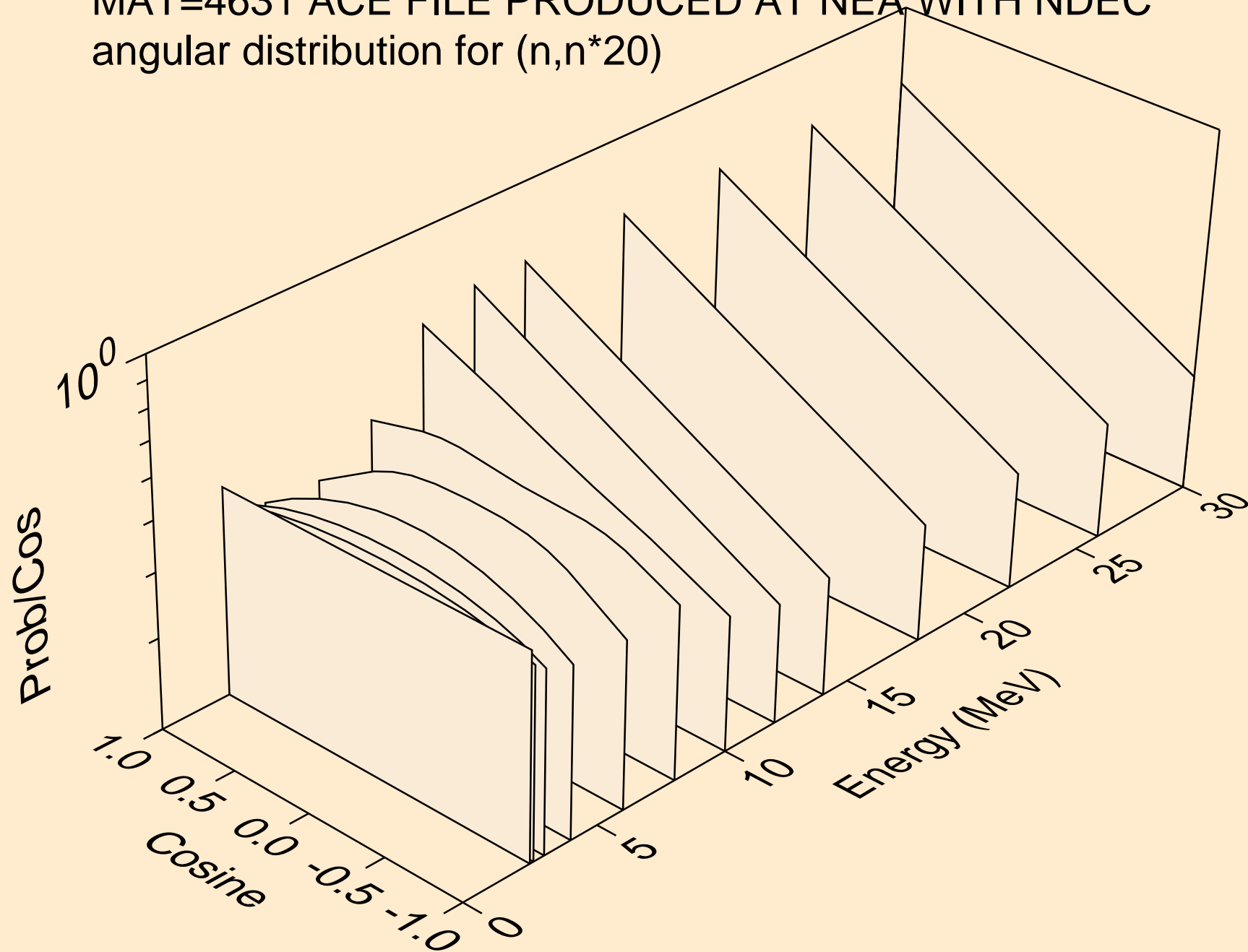
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angular distribution for (n,n*18)



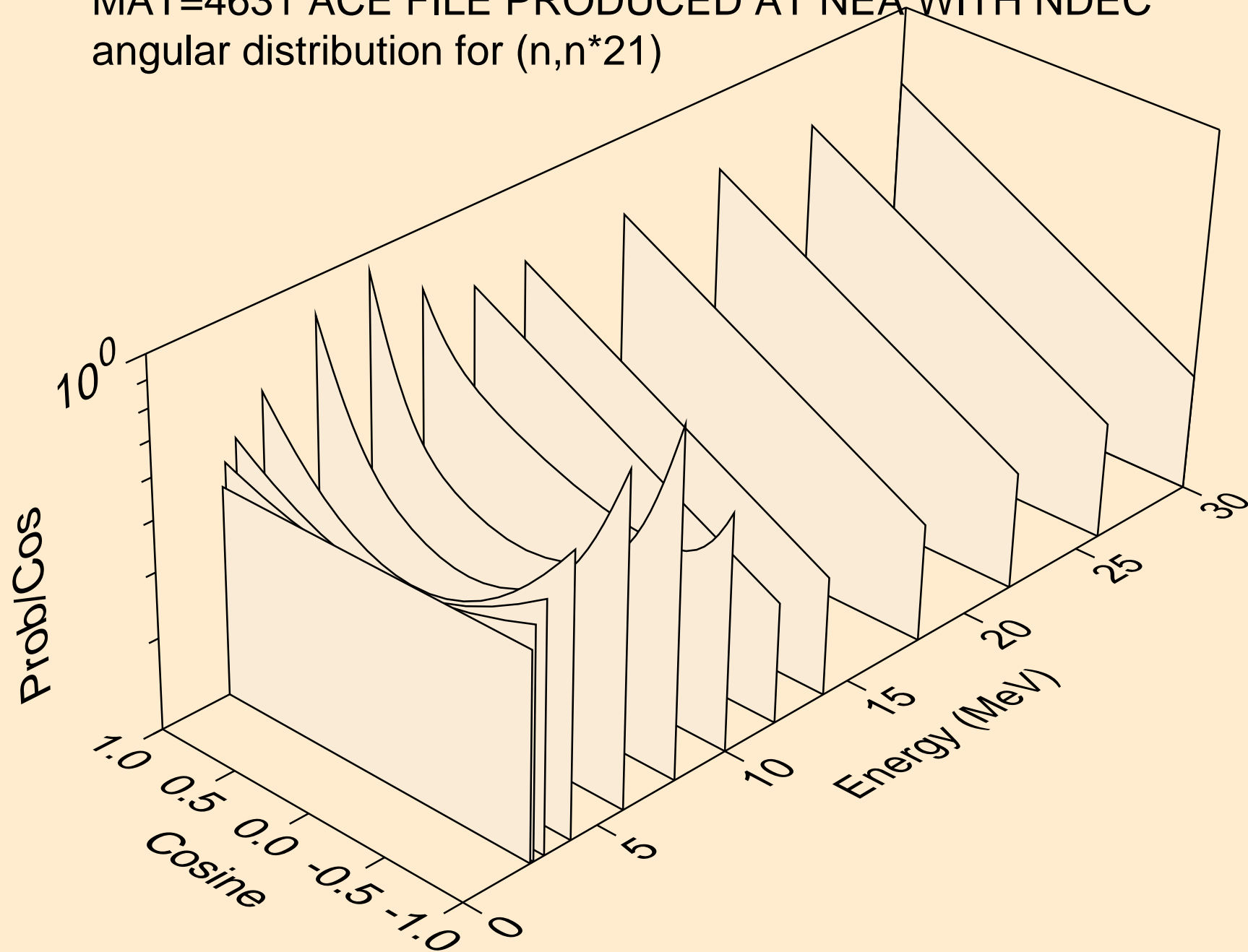
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angular distribution for (n,n*19)



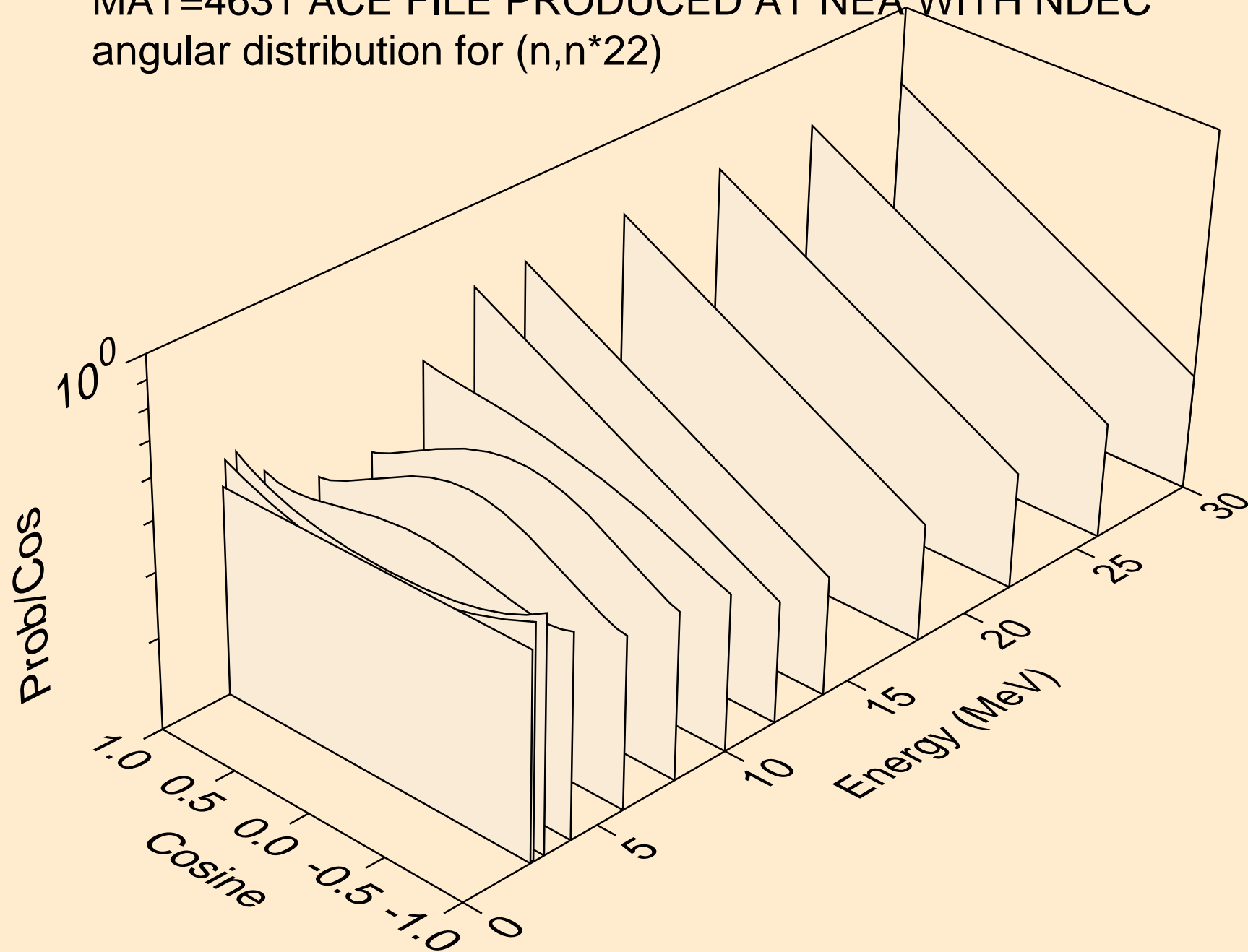
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angular distribution for (n,n*20)



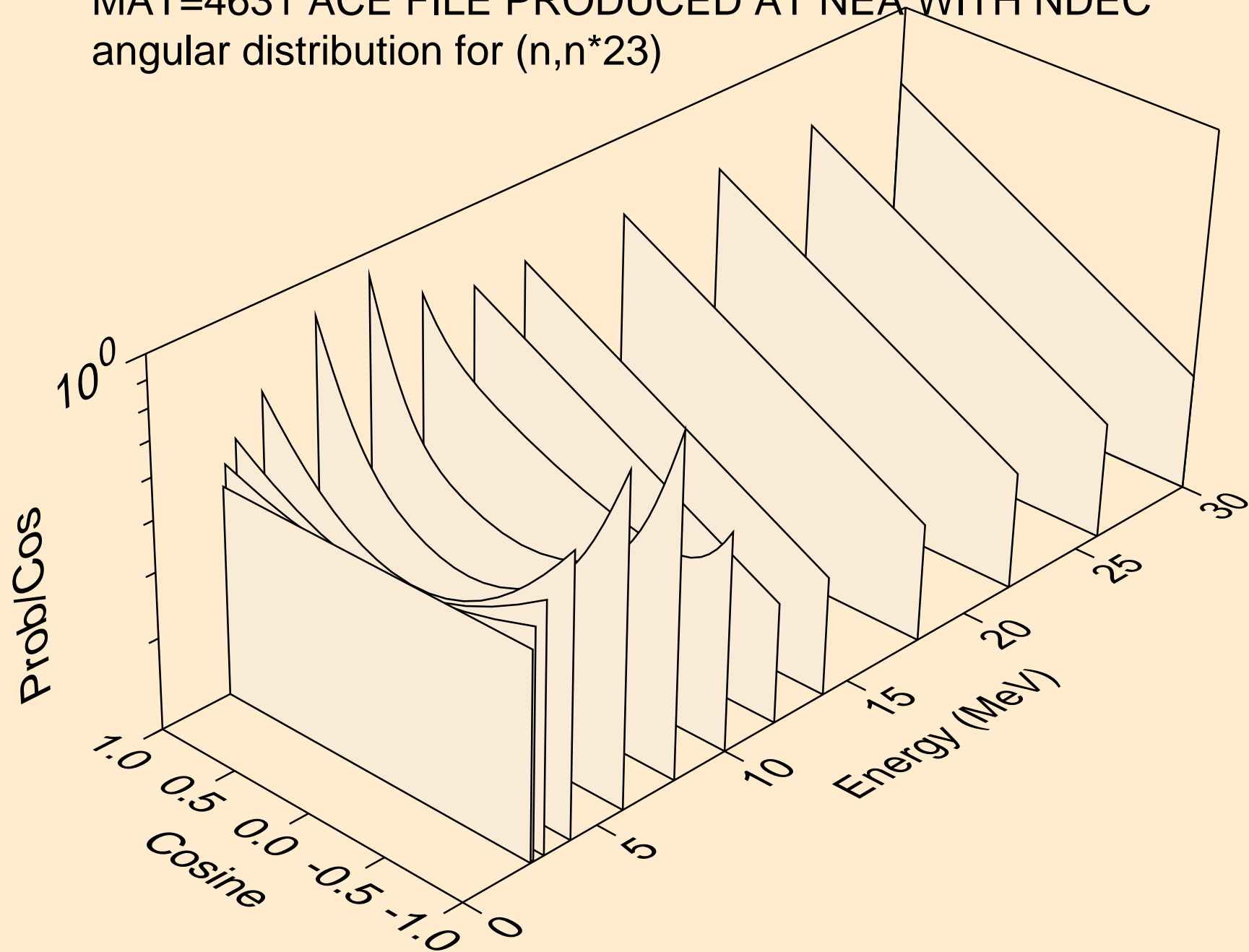
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angular distribution for (n,n*21)



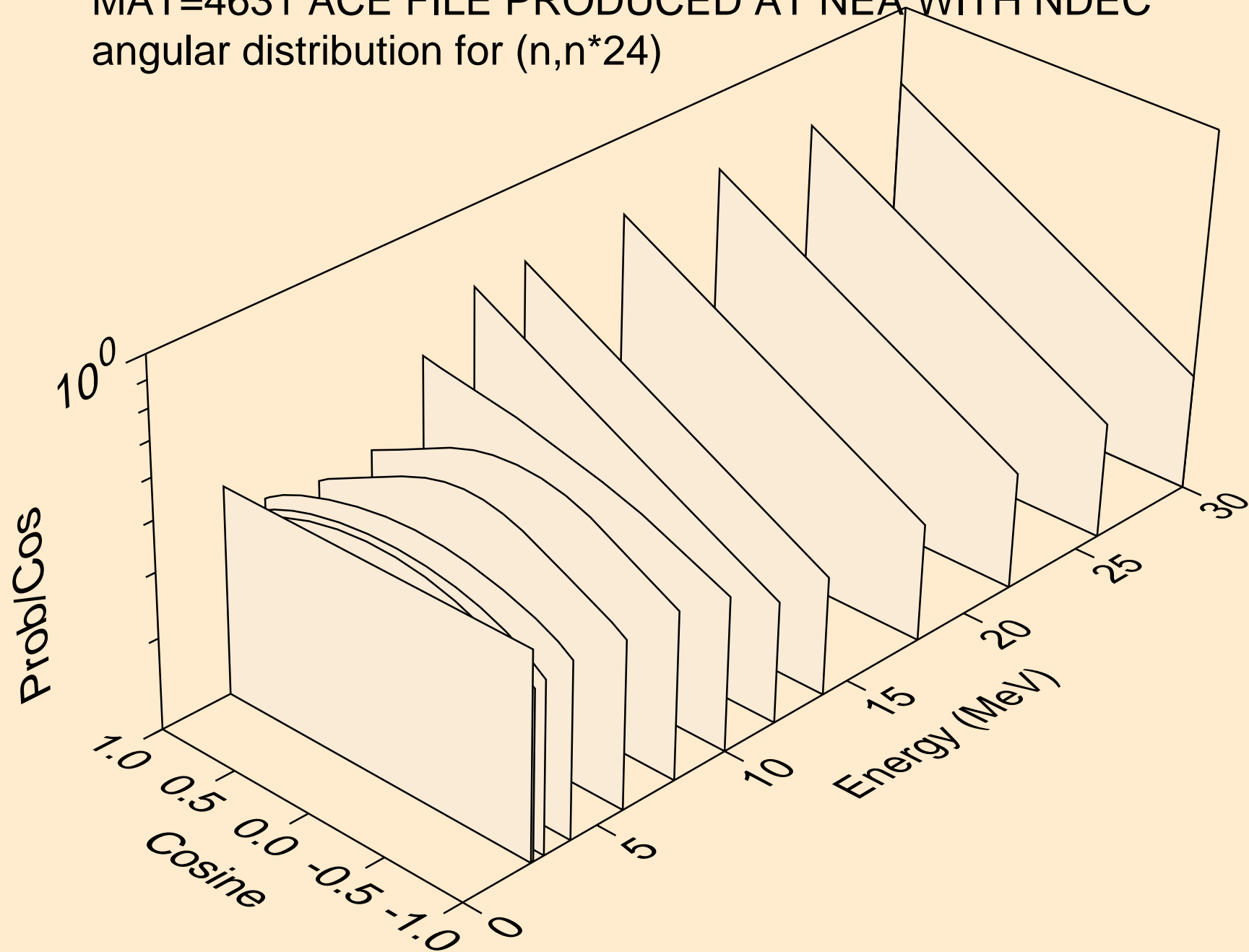
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angular distribution for (n,n*22)



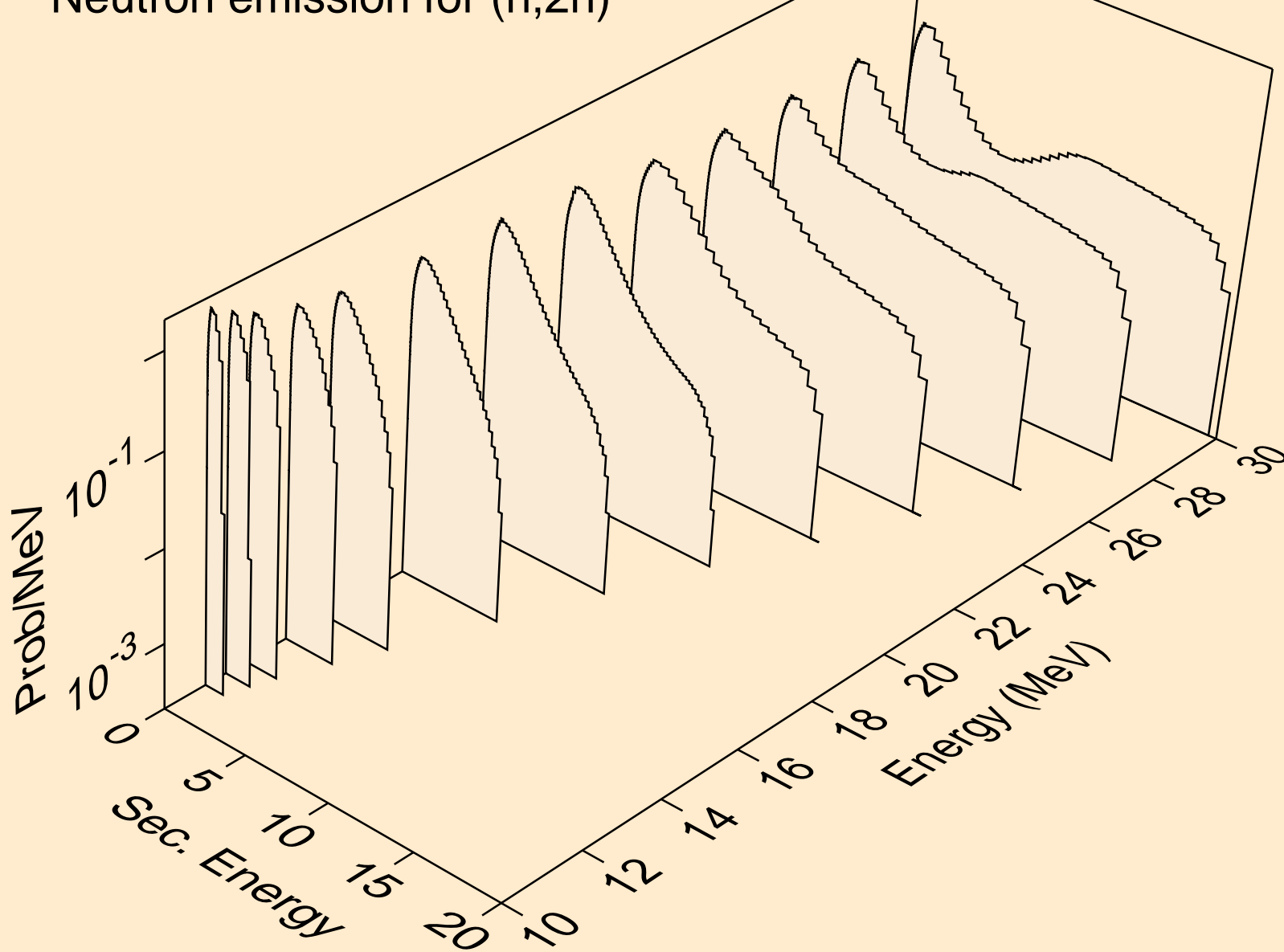
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angular distribution for (n,n*23)



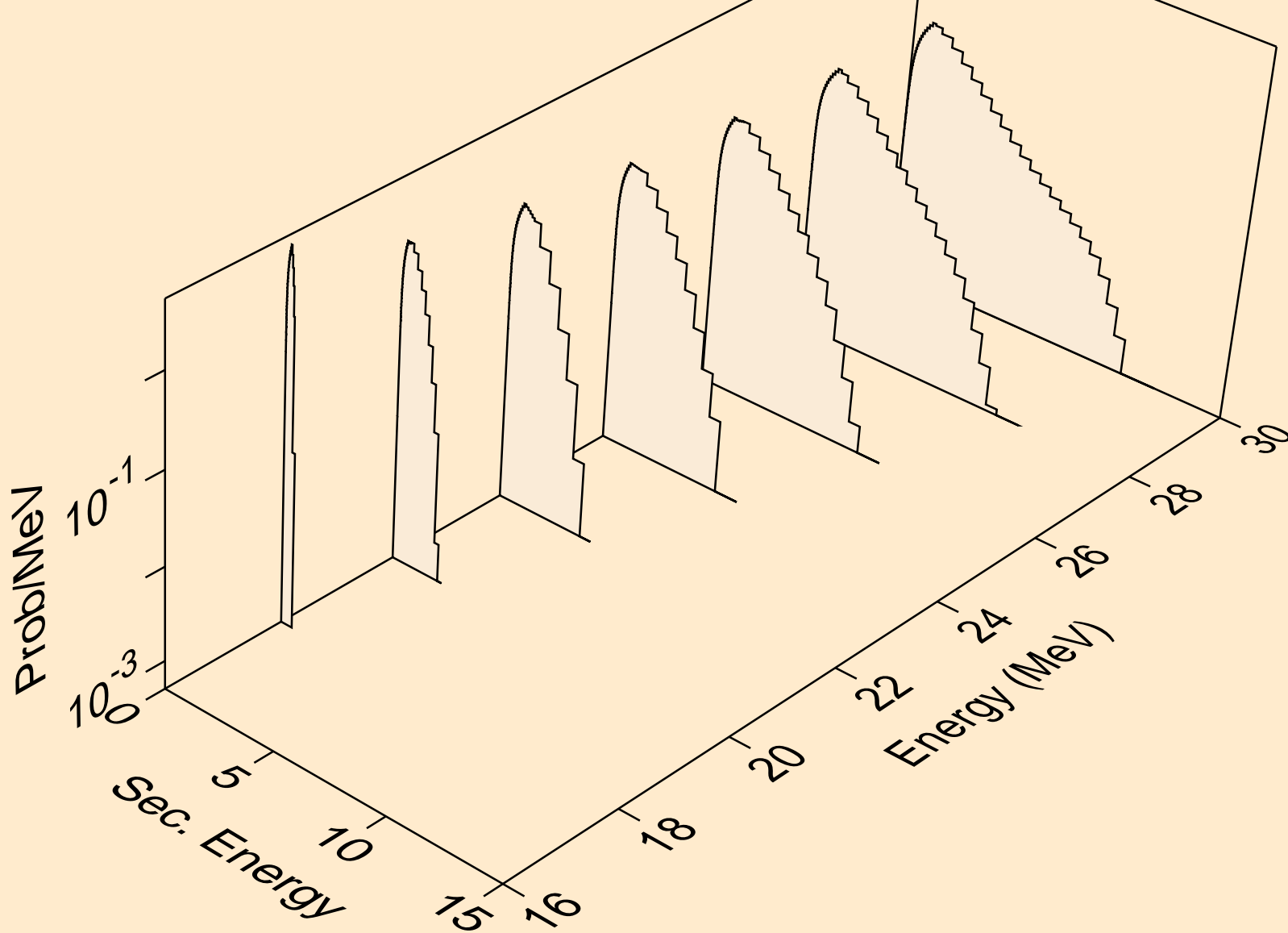
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angular distribution for (n,n*24)



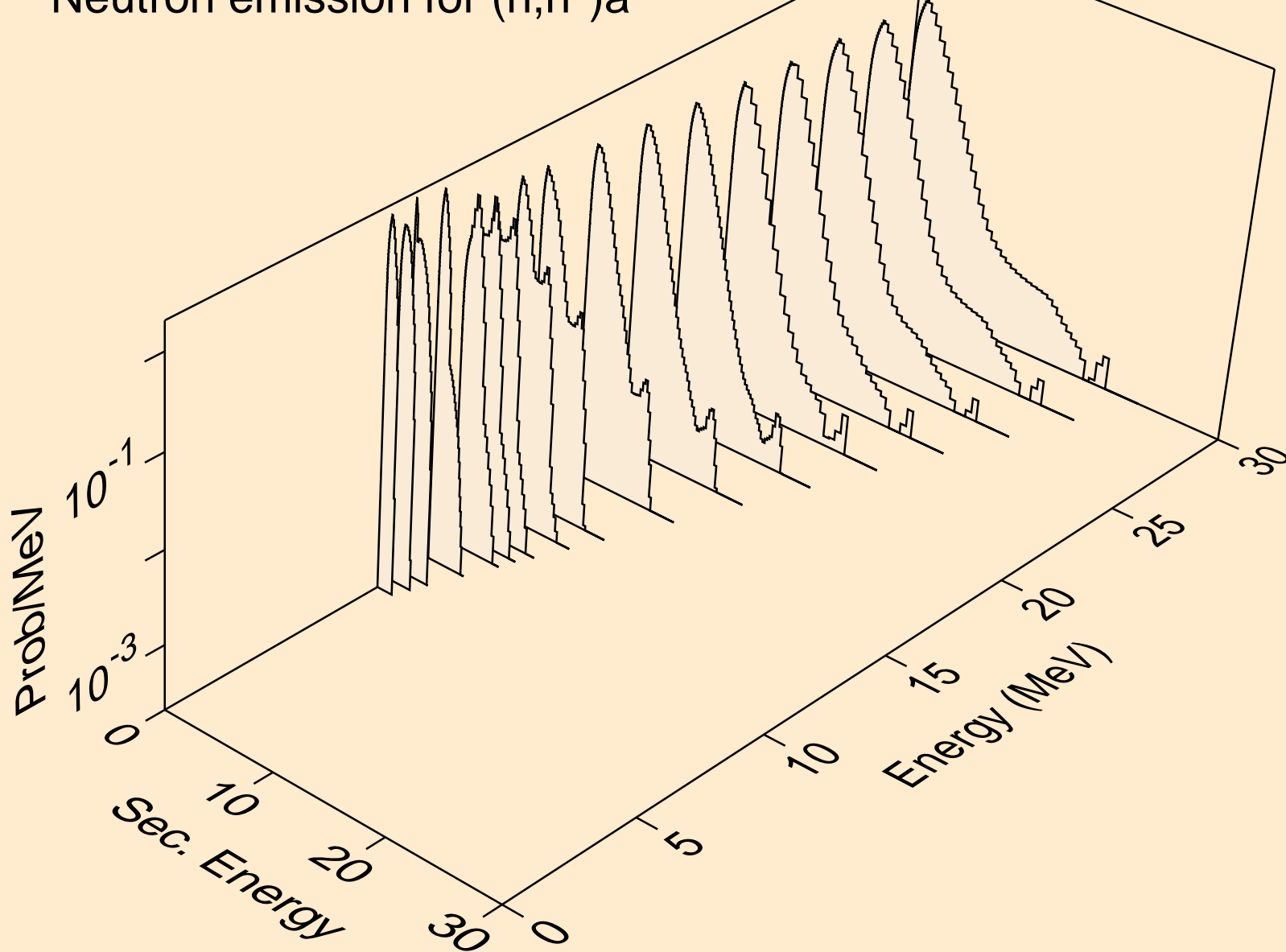
MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
Neutron emission for (n,2n)



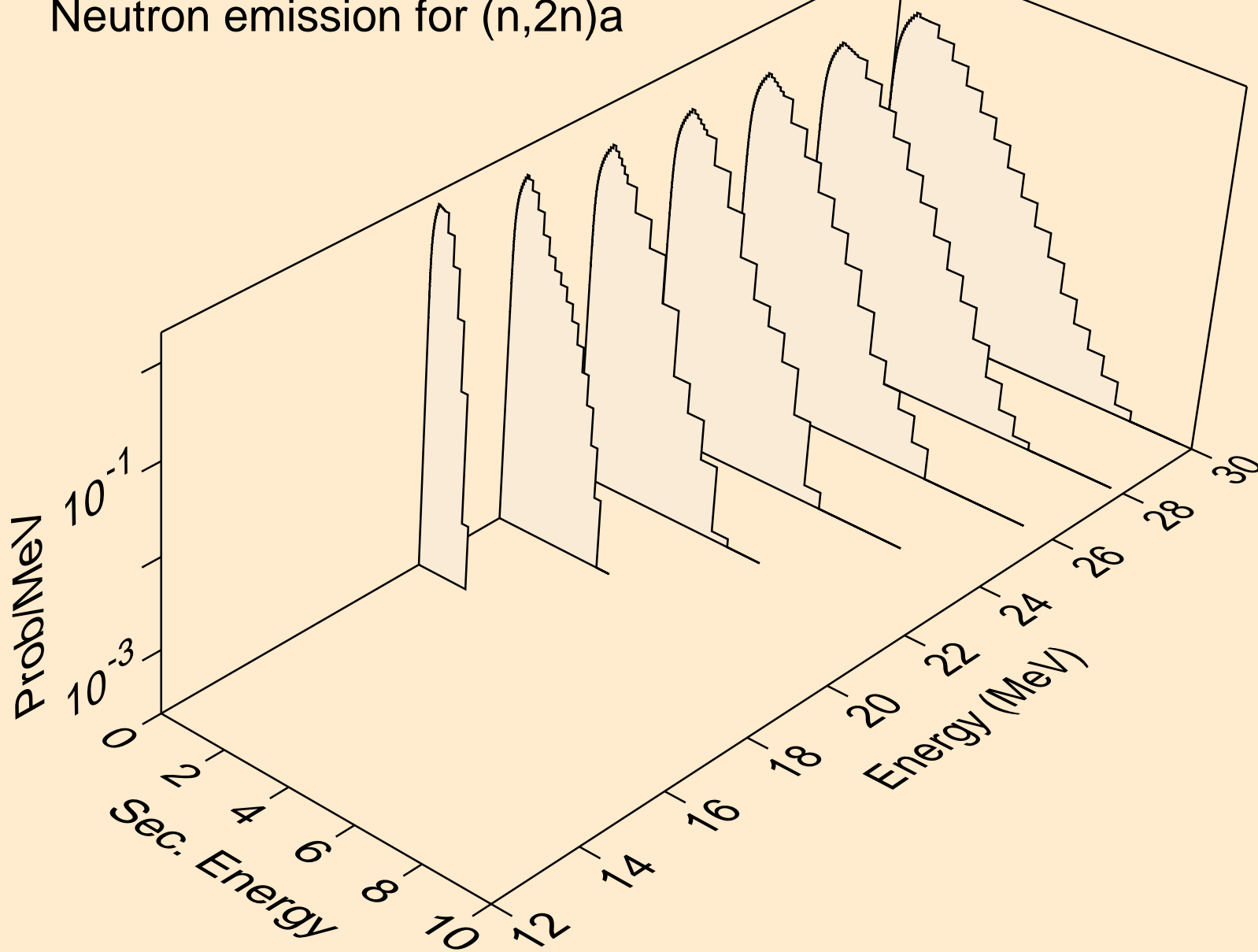
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Neutron emission for (n,3n)



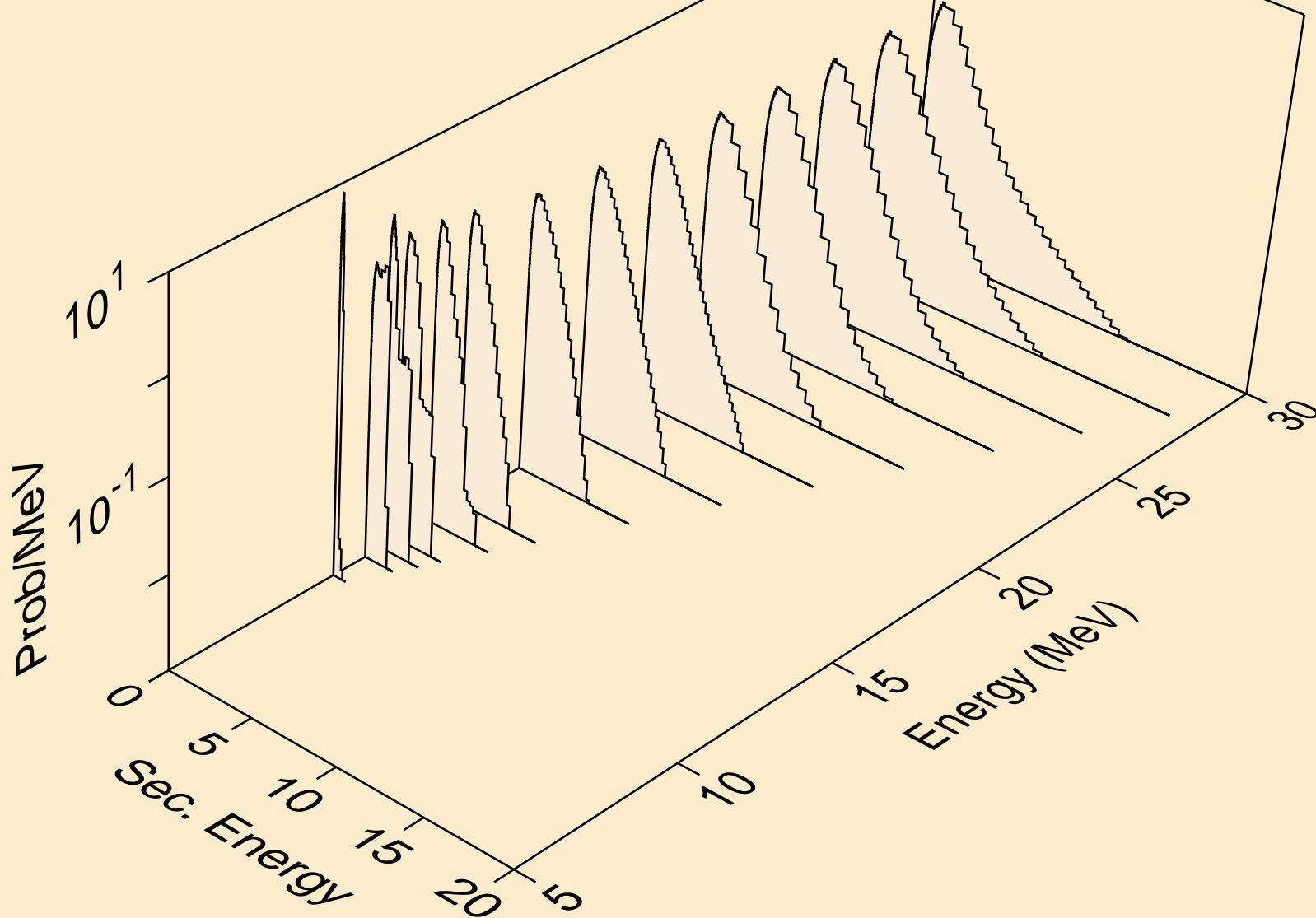
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Neutron emission for (n,n*)a



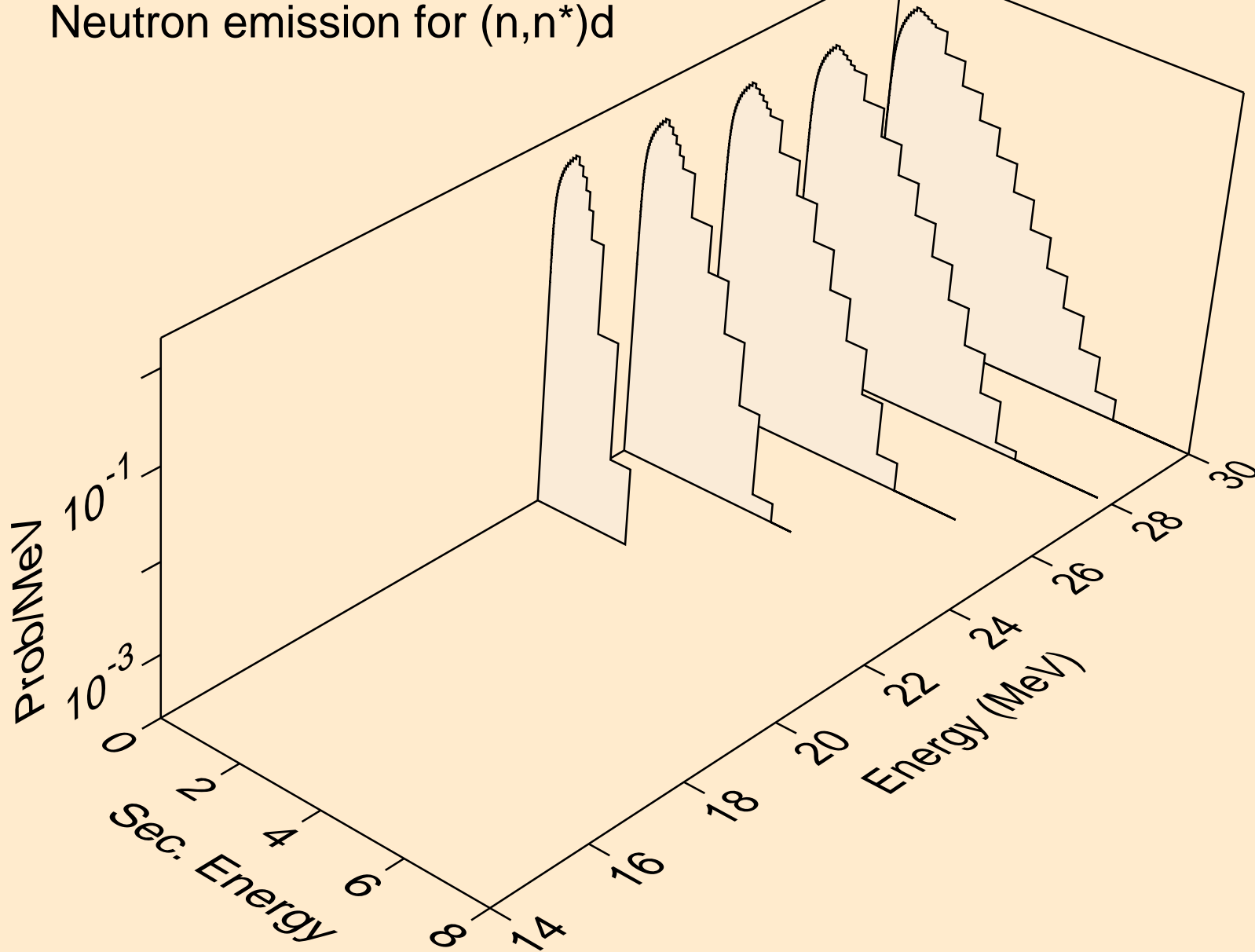
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Neutron emission for (n,2n)a



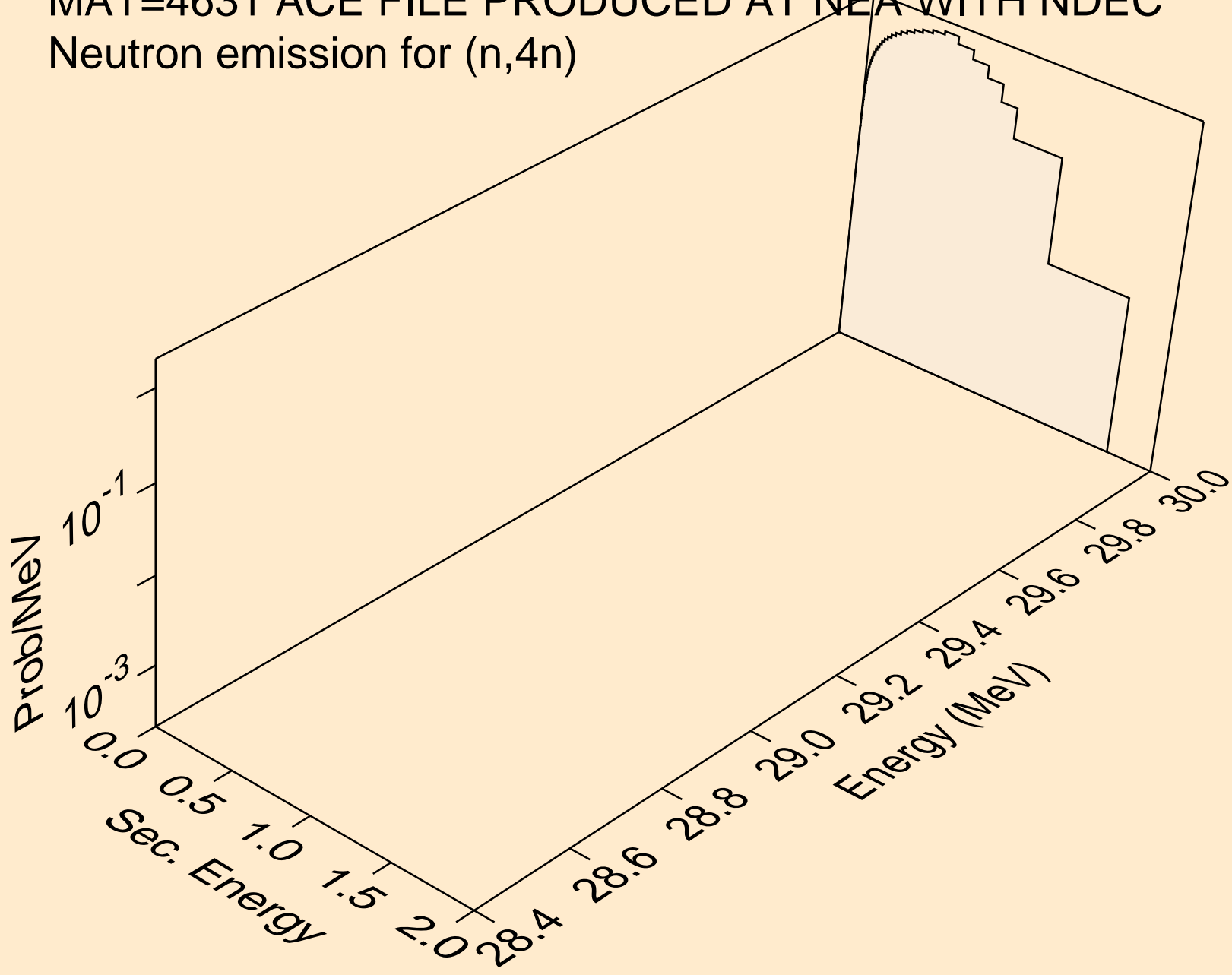
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Neutron emission for (n,n*)p



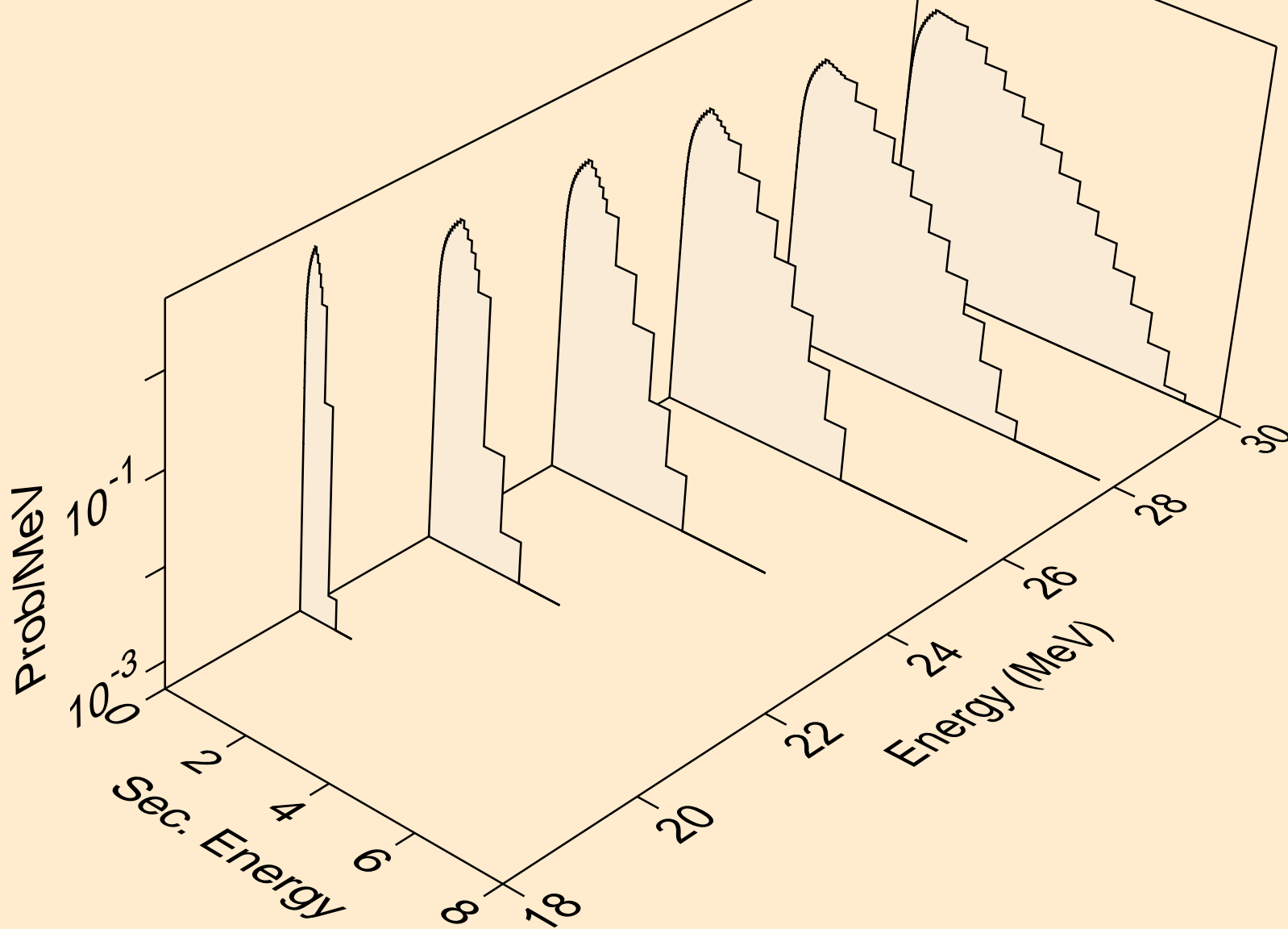
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Neutron emission for (n,n*)d



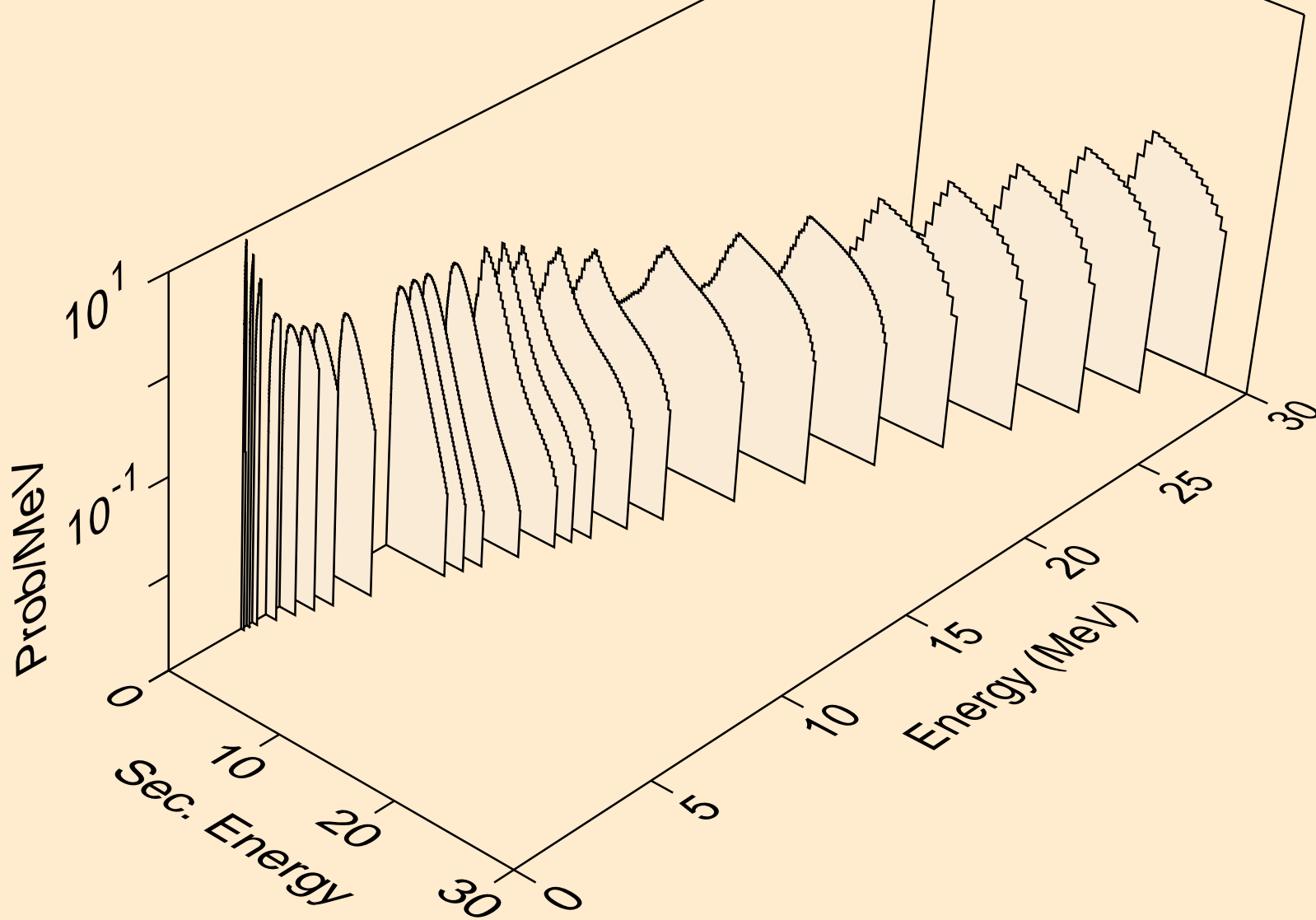
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Neutron emission for (n,4n)



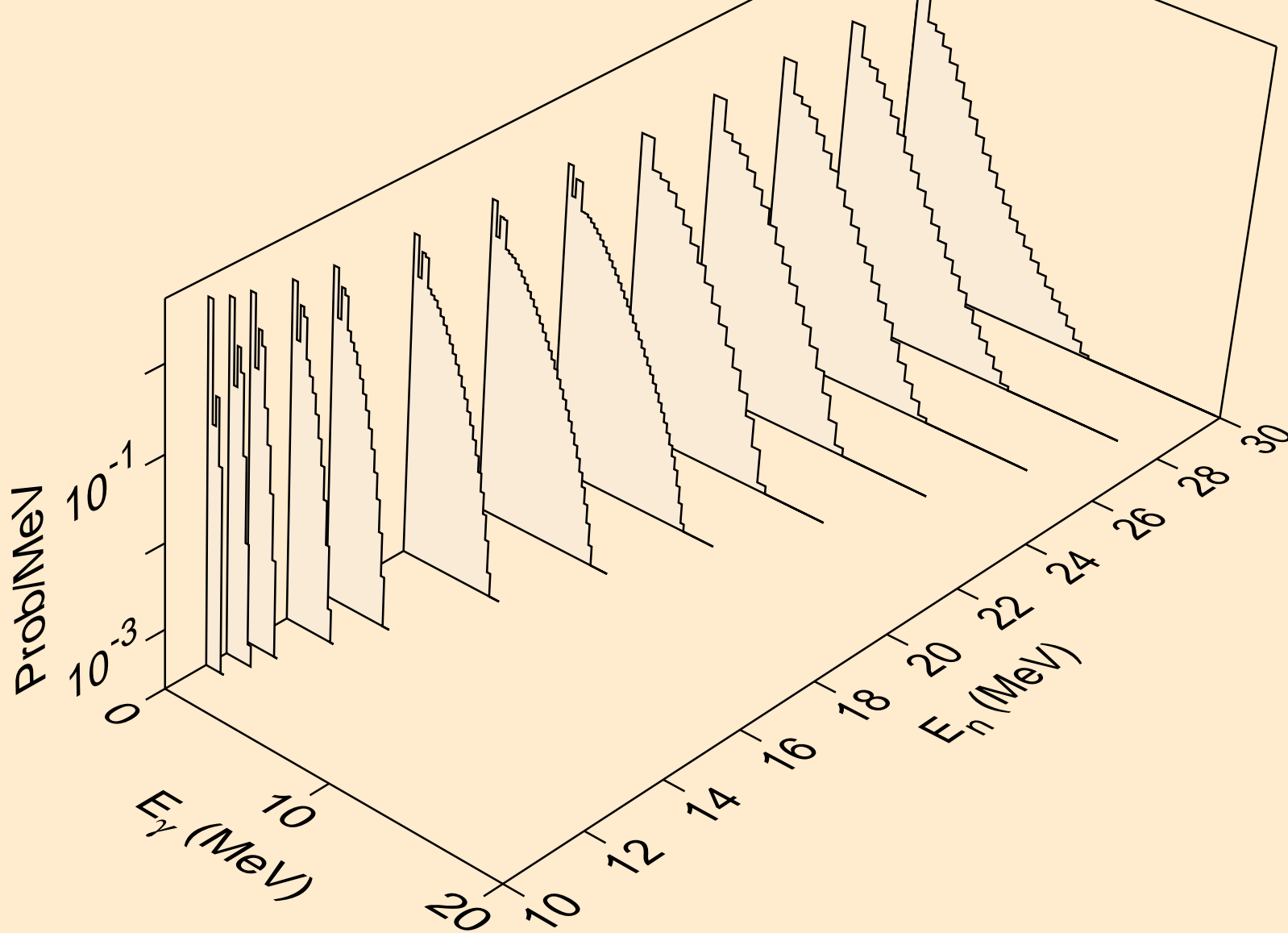
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Neutron emission for (n,2np)



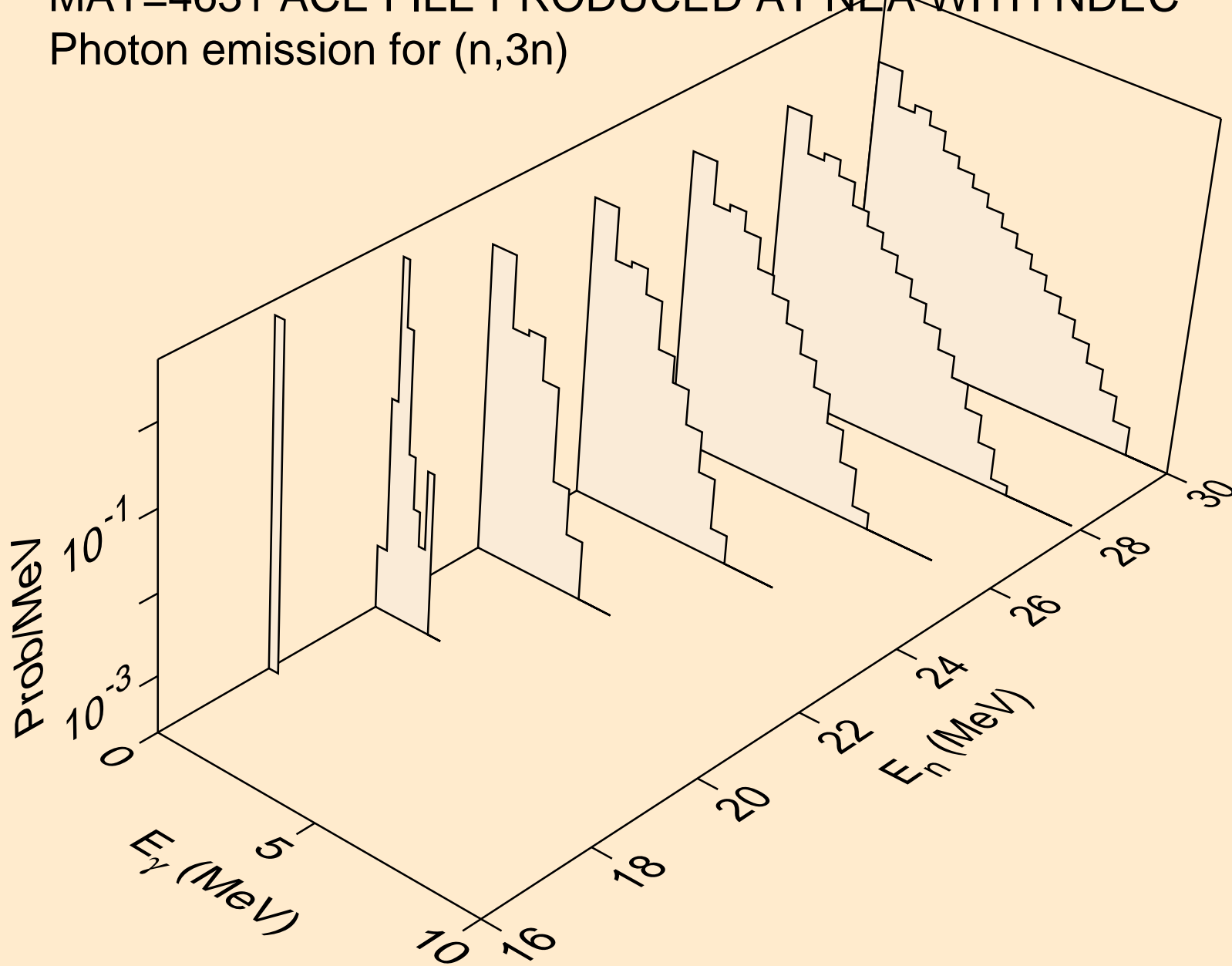
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Neutron emission for (n,n*c)



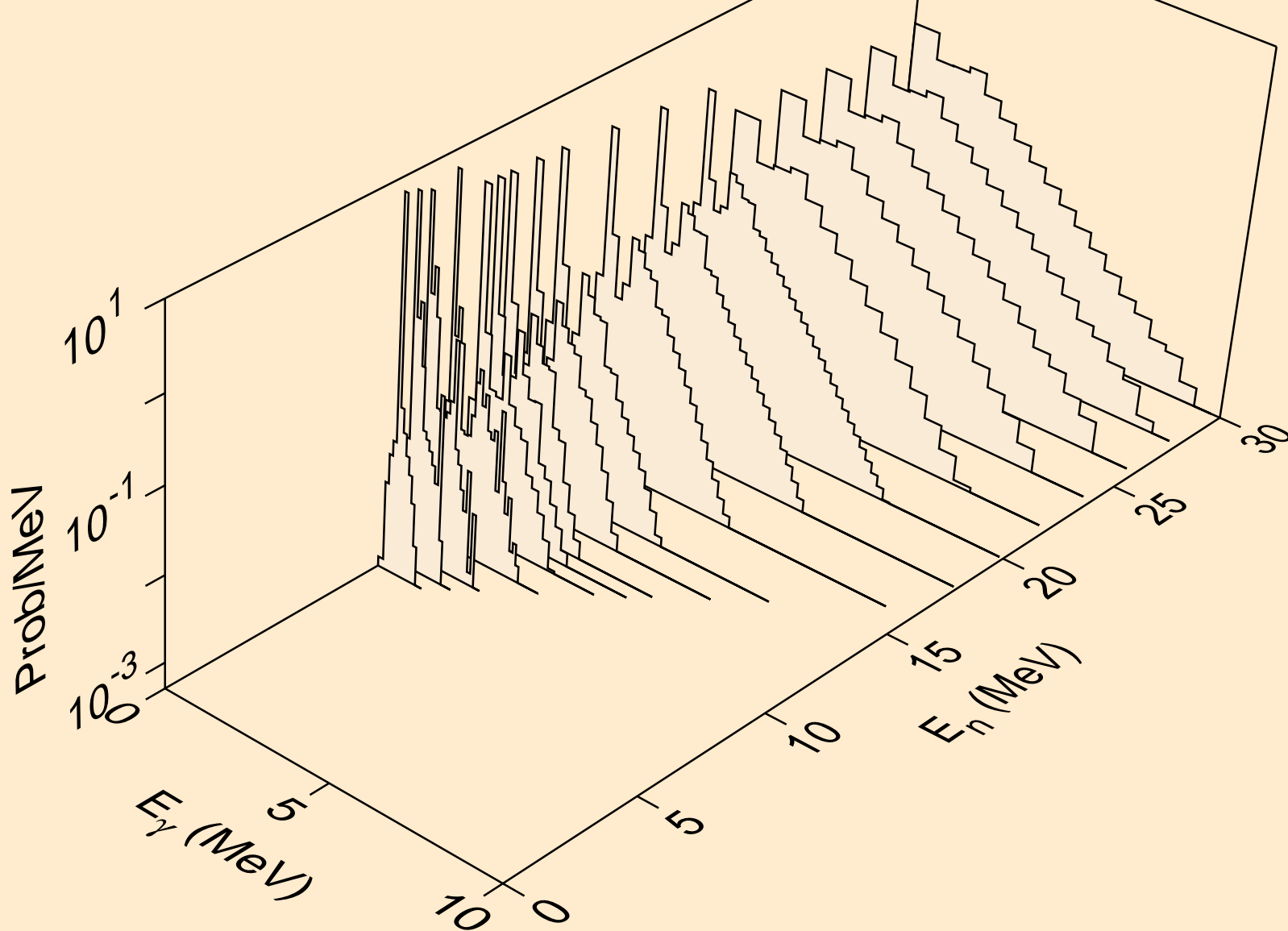
MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
Photon emission for (n,2n)



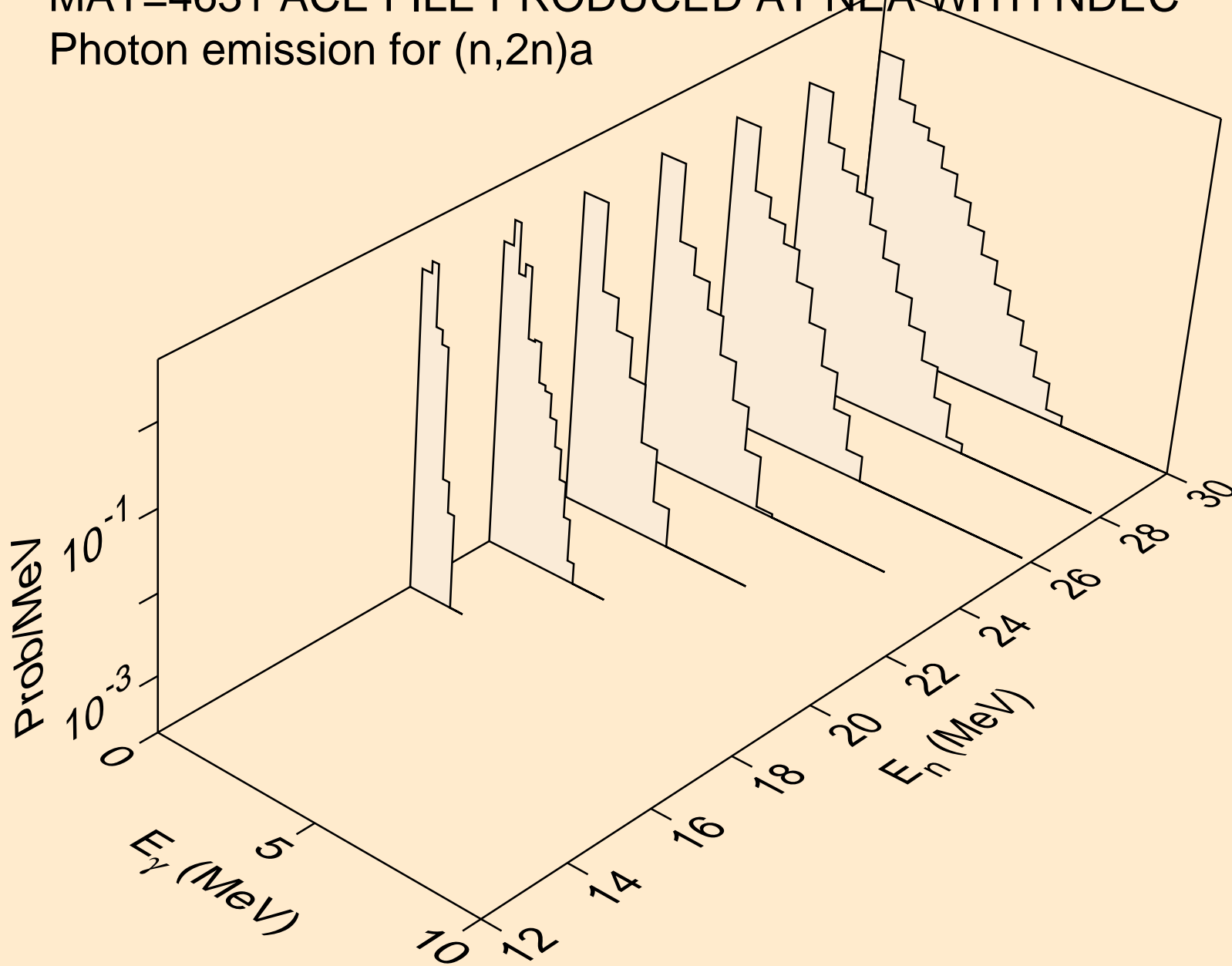
MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
Photon emission for (n,3n)



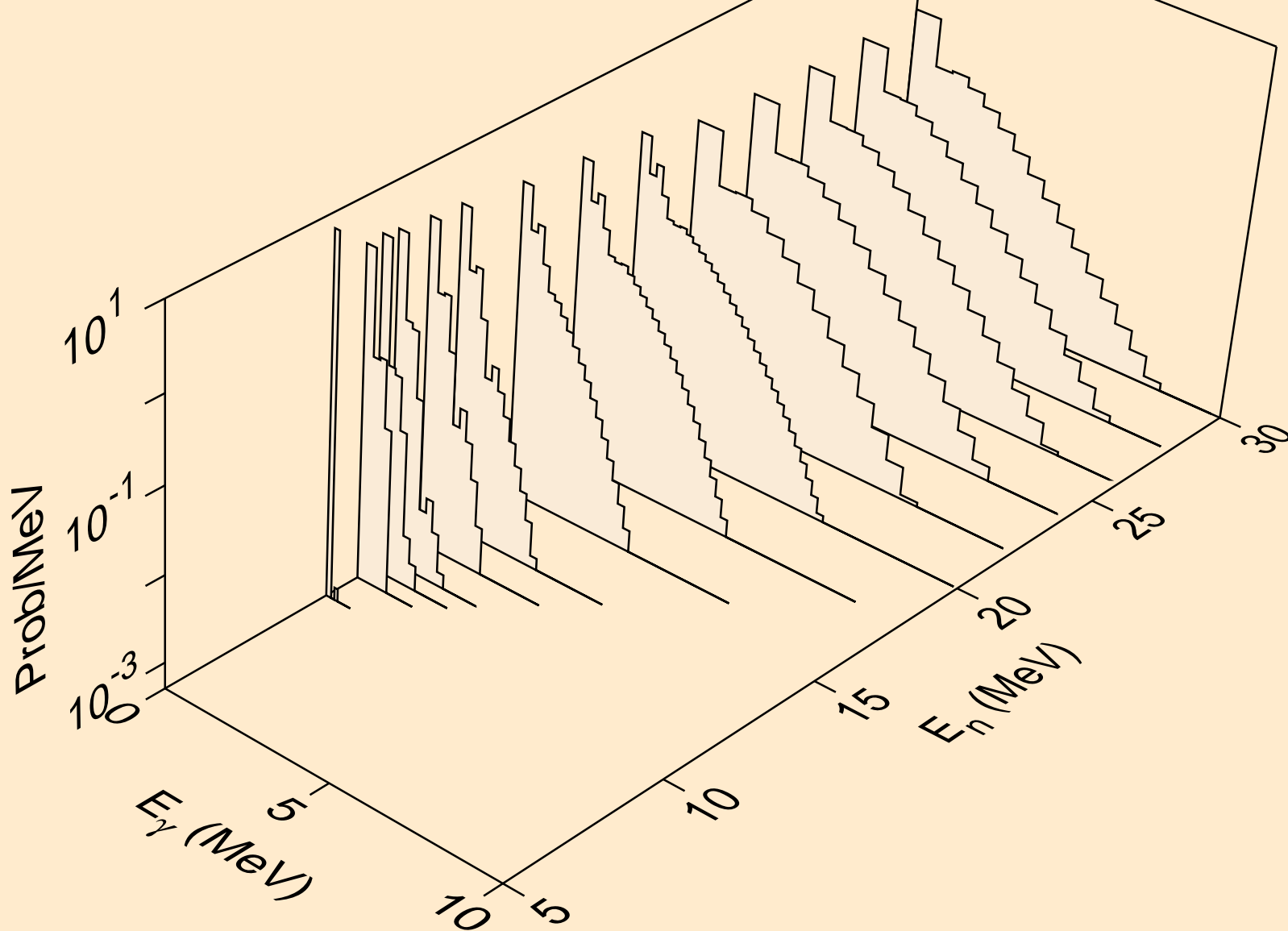
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Photon emission for (n,n*)a



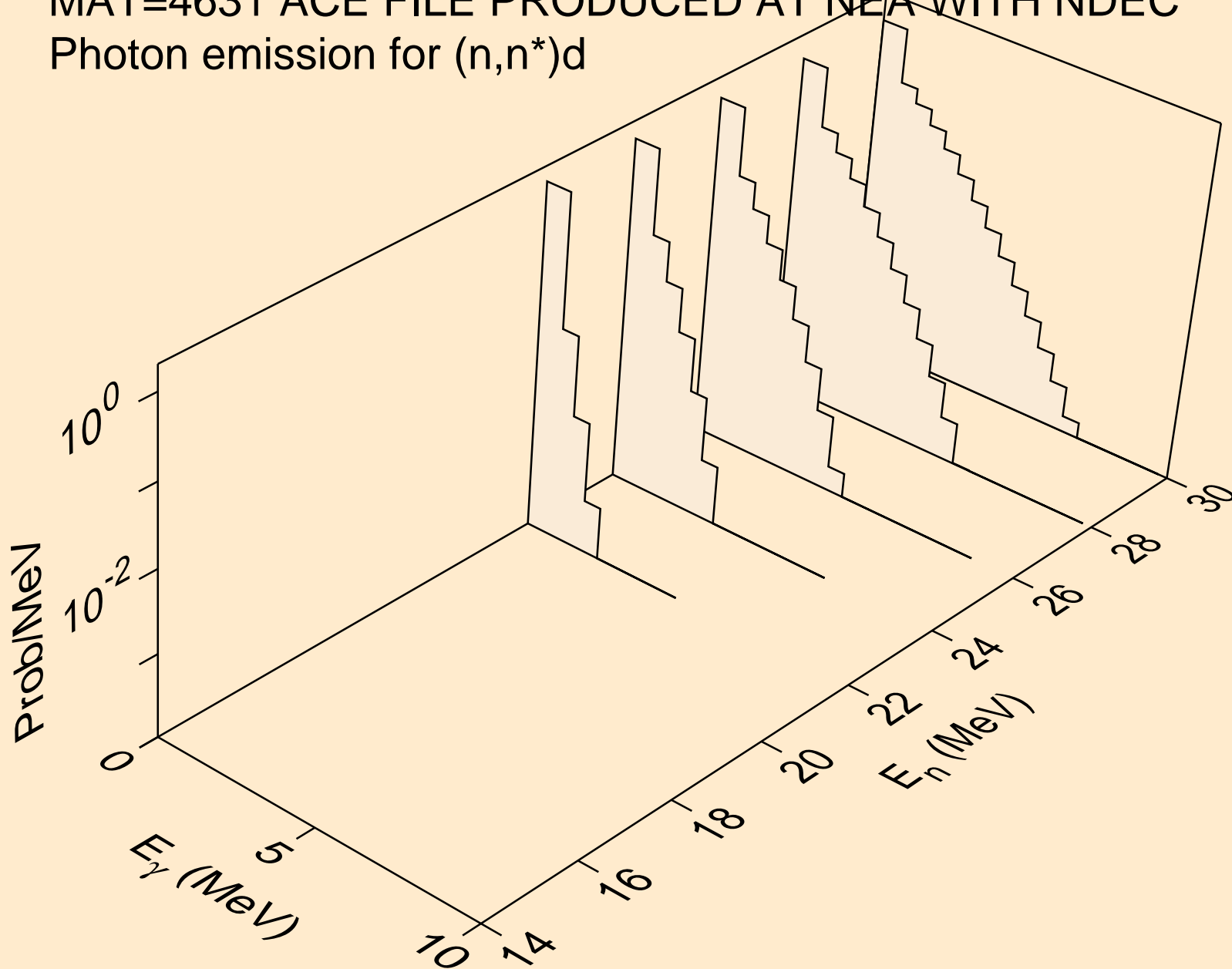
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Photon emission for (n,2n)a



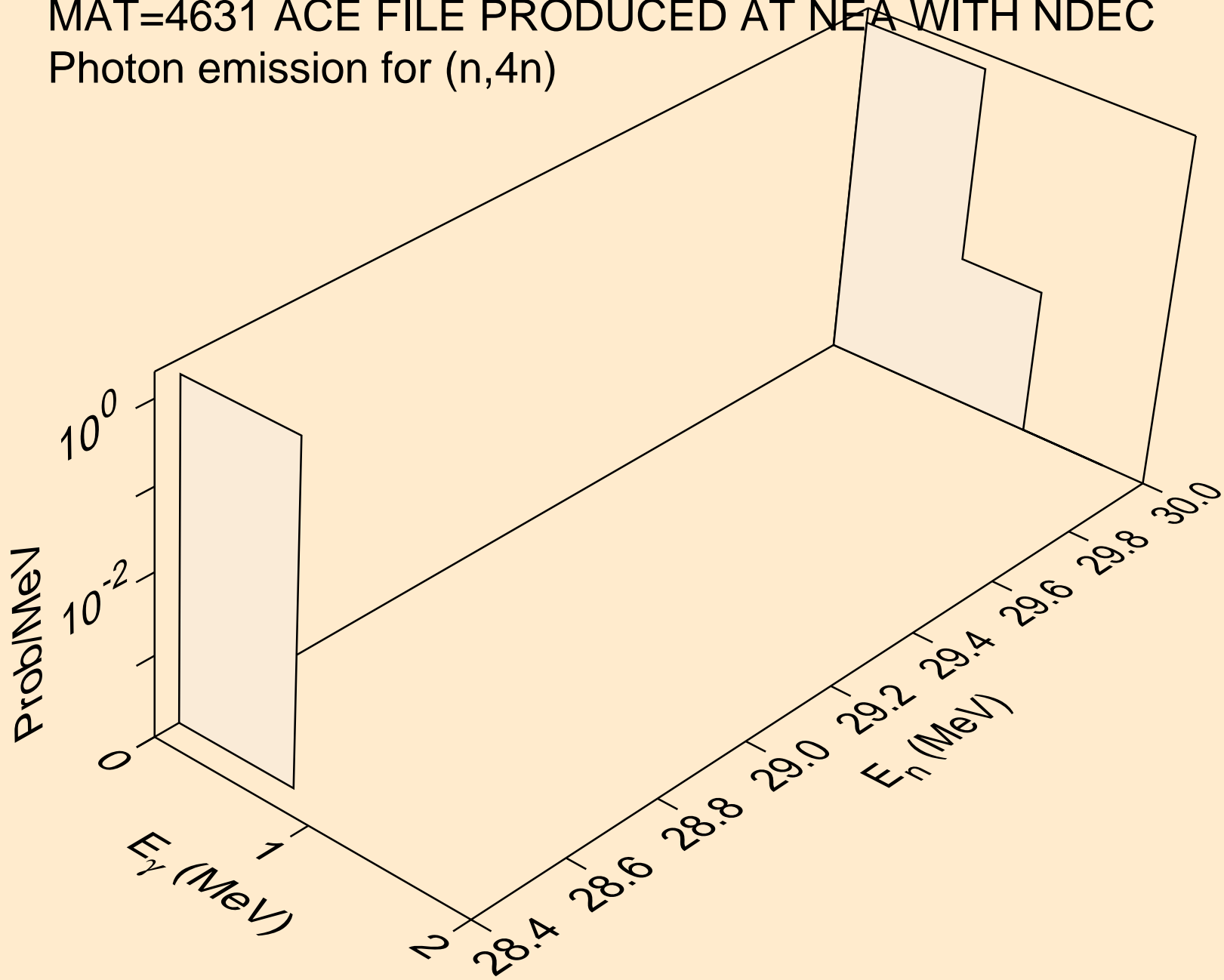
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Photon emission for (n,n*)p



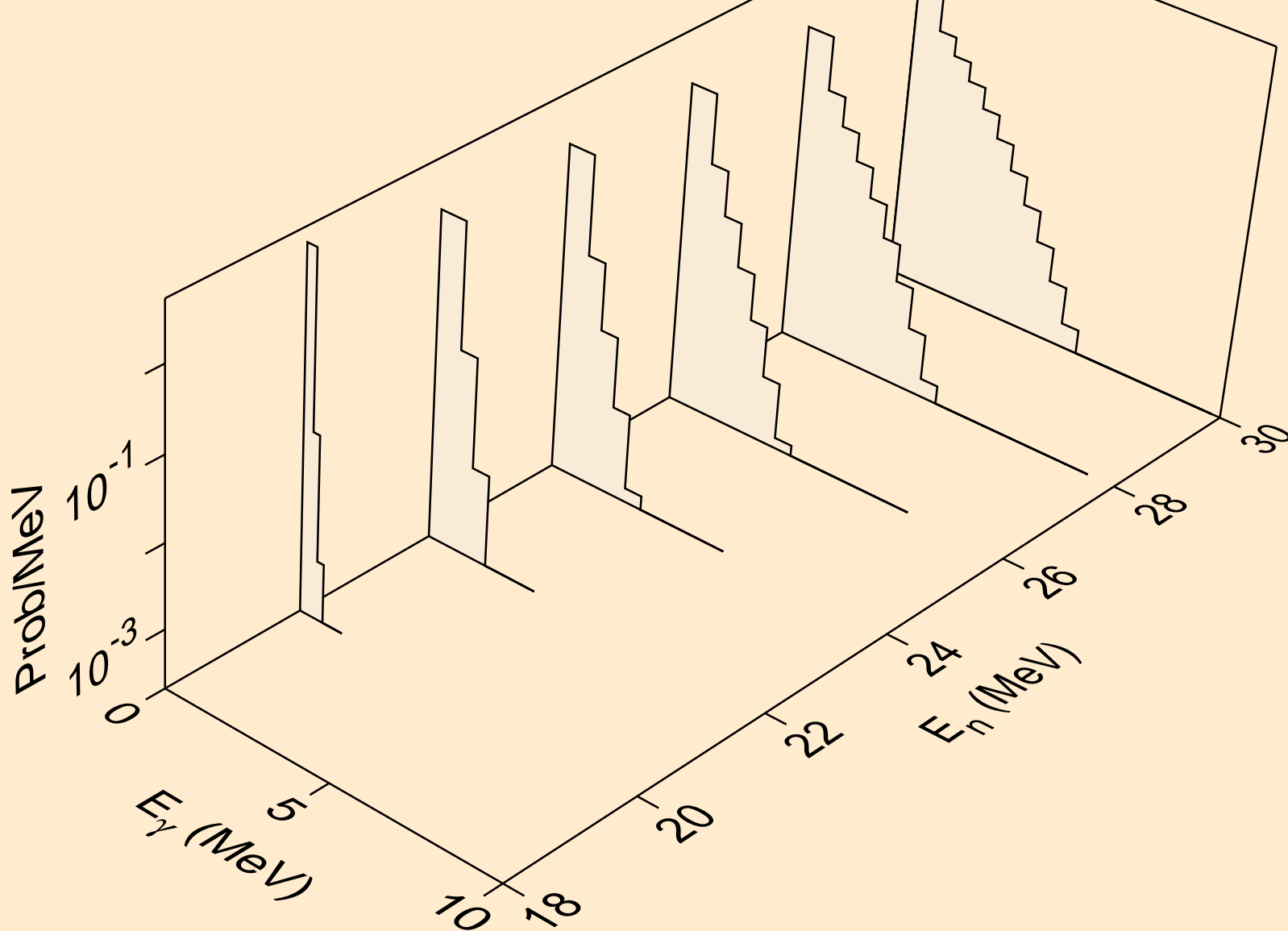
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Photon emission for (n,n*)d



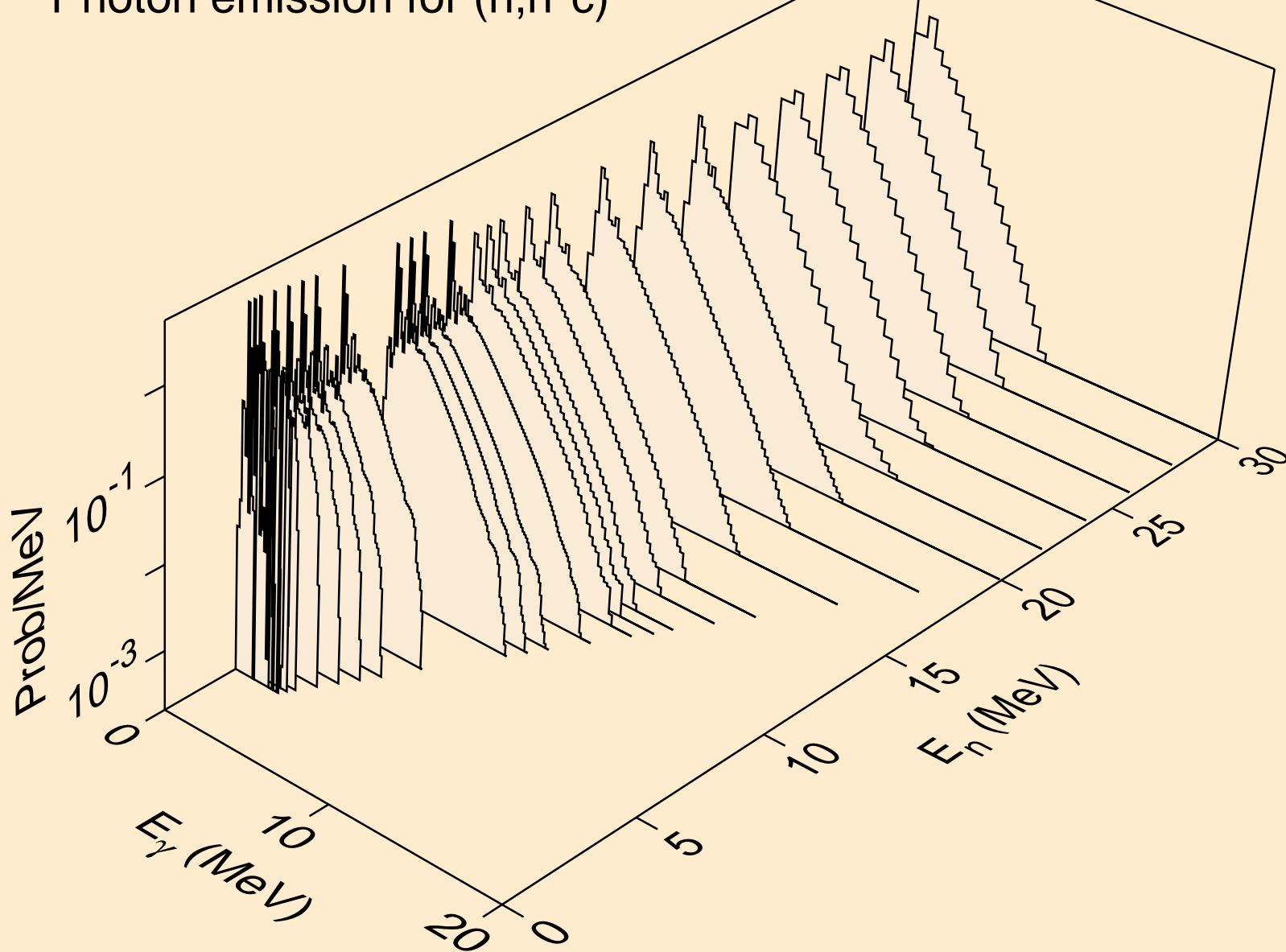
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Photon emission for (n,4n)



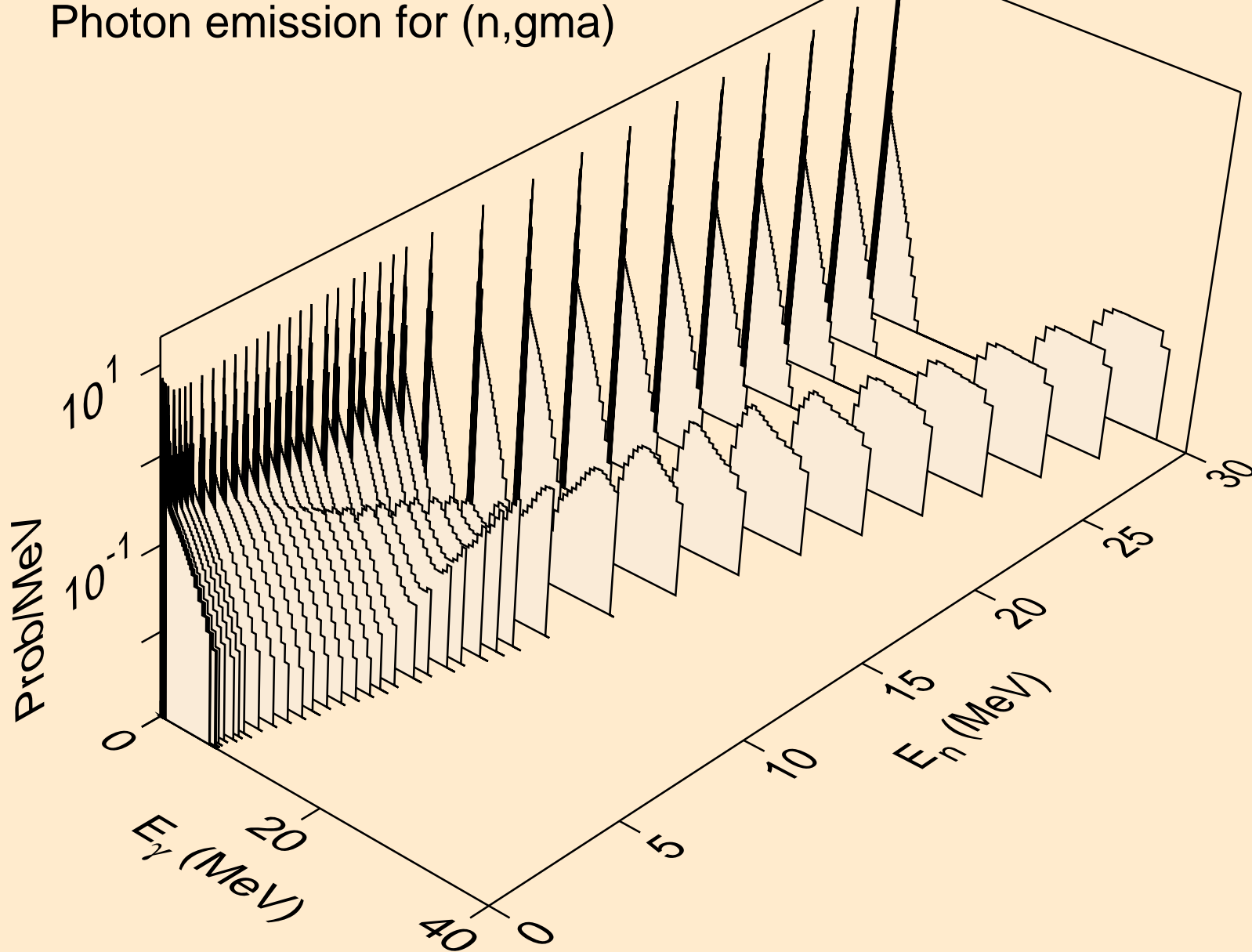
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Photon emission for (n,2np)



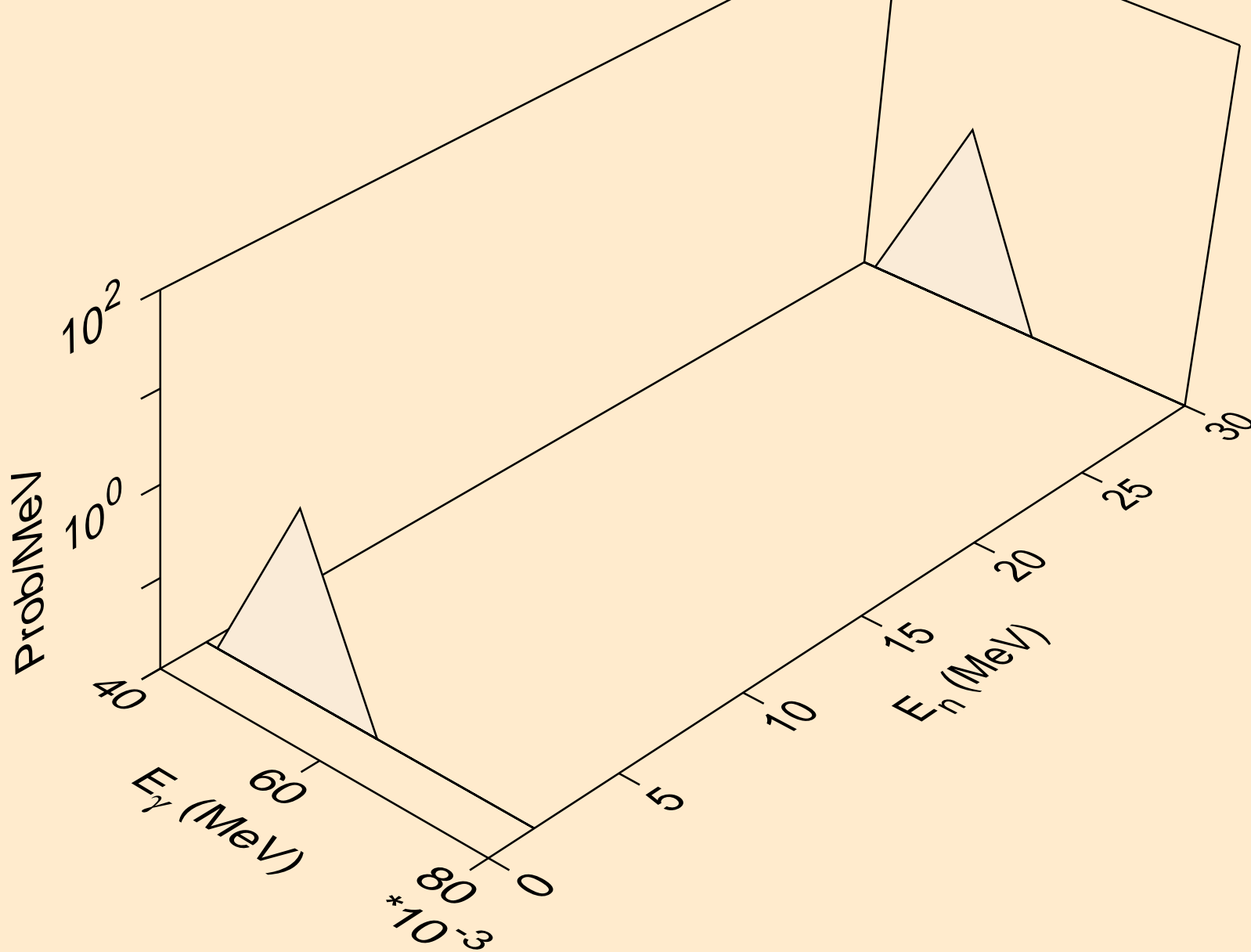
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Photon emission for (n,n*c)



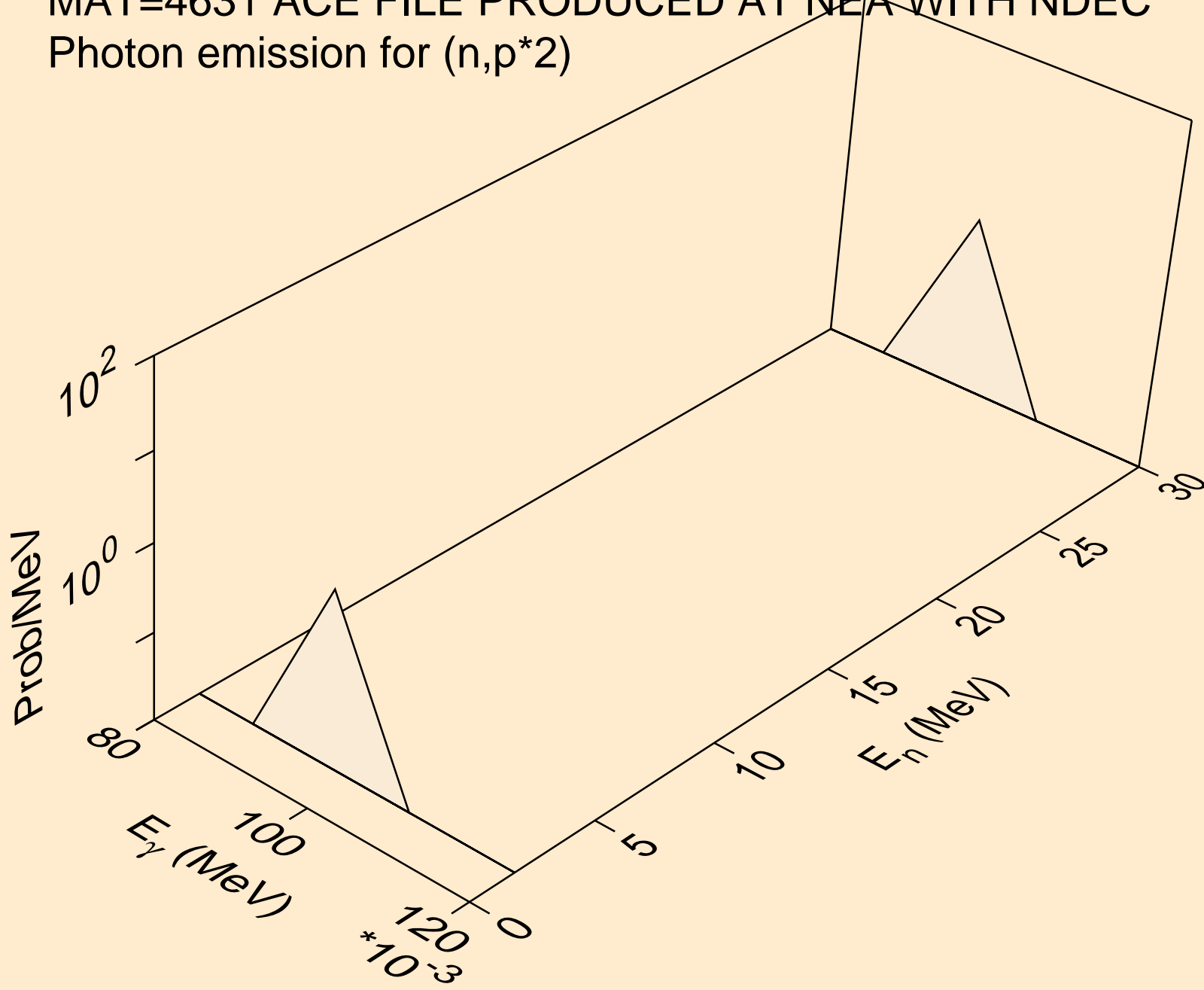
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Photon emission for (n,gma)



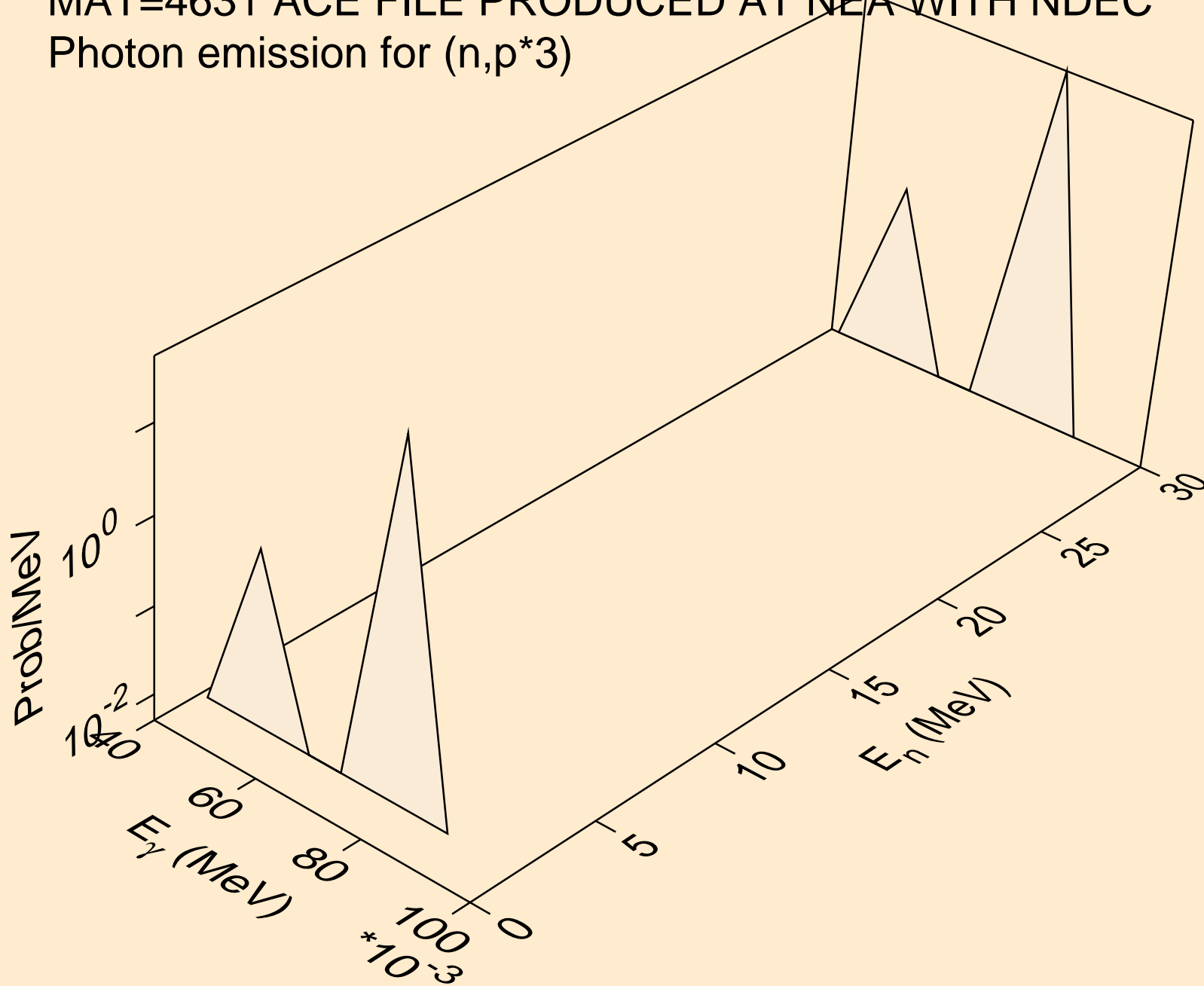
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Photon emission for (n,p*1)



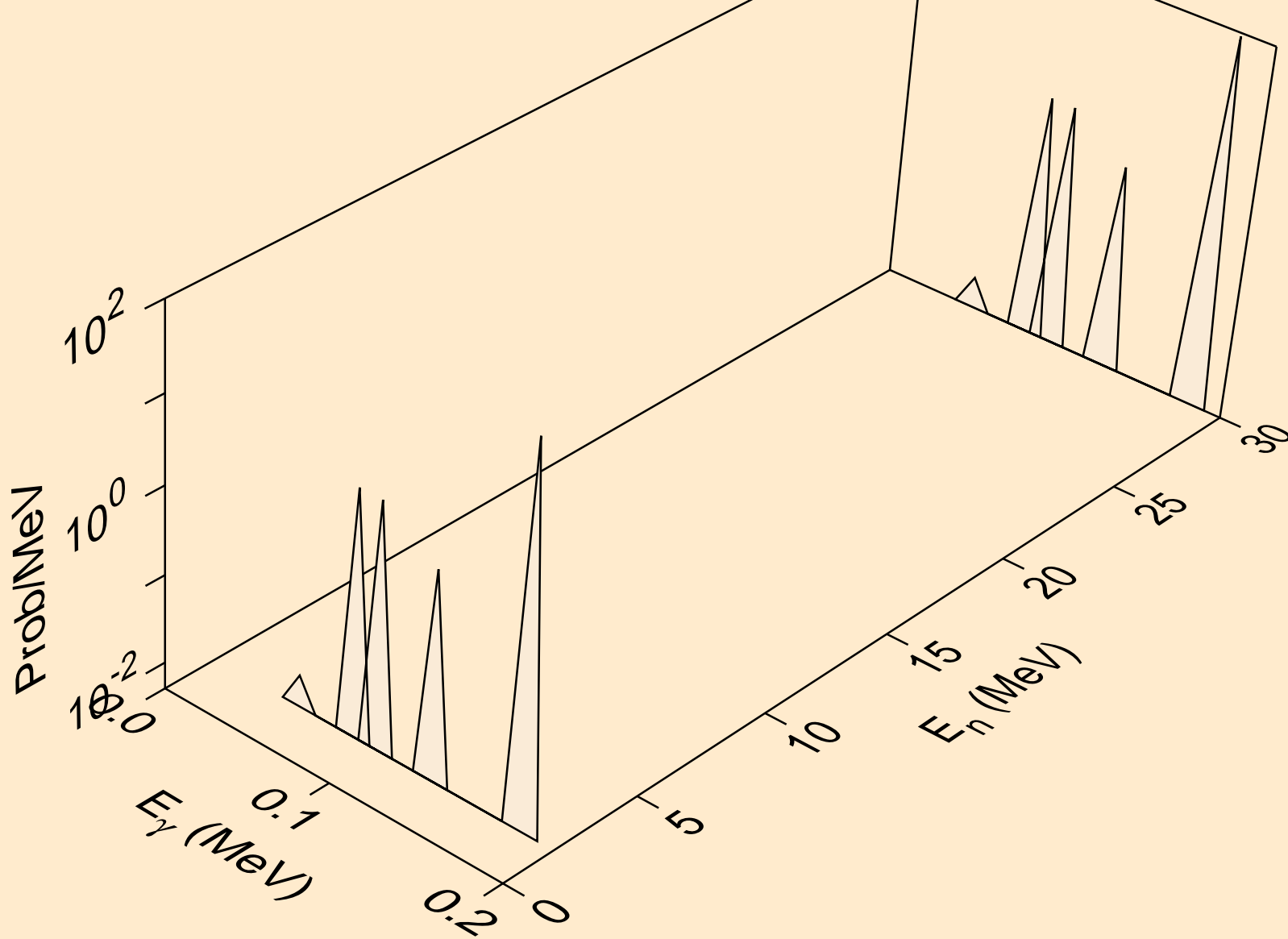
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Photon emission for (n,p*2)



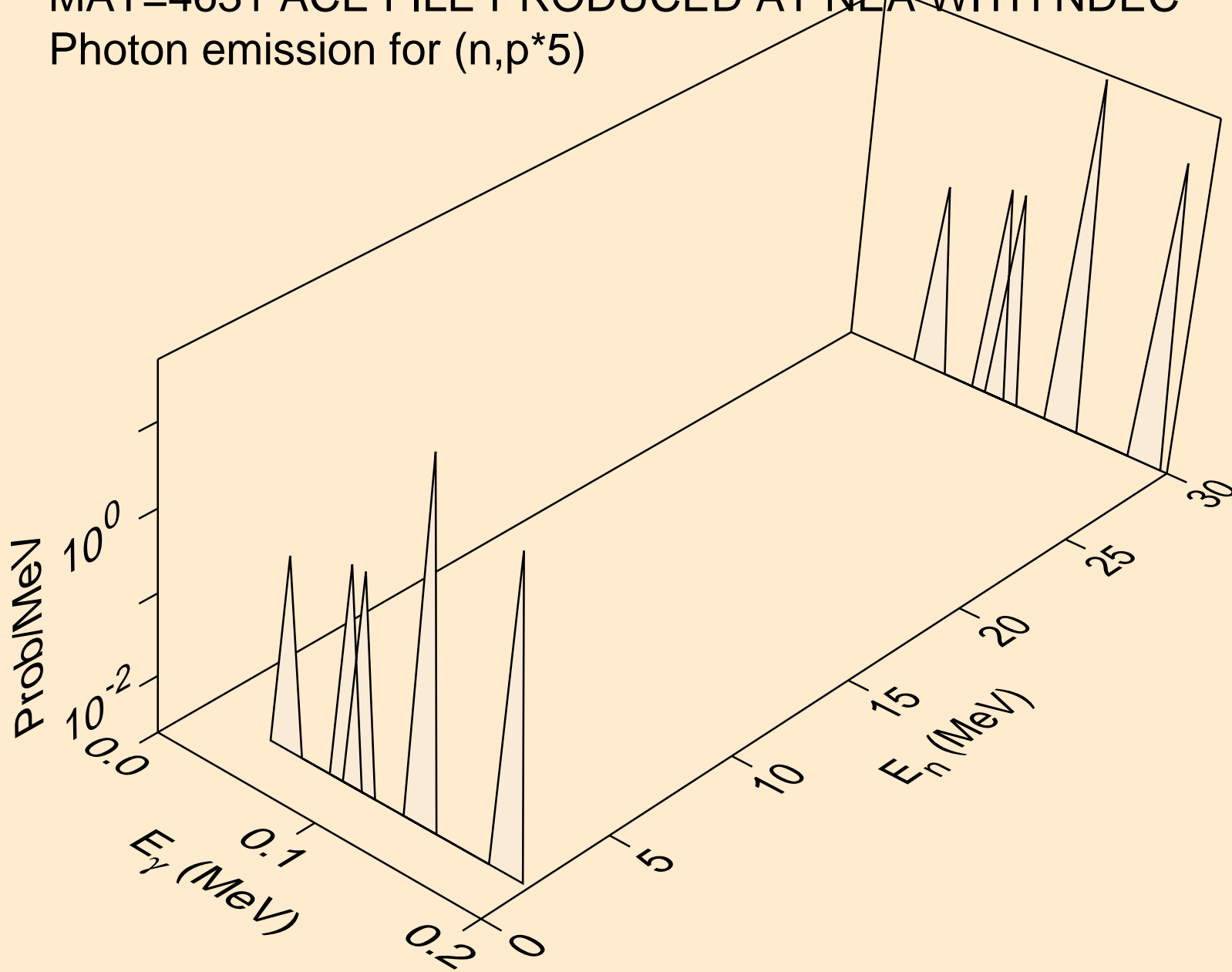
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Photon emission for (n,p*3)



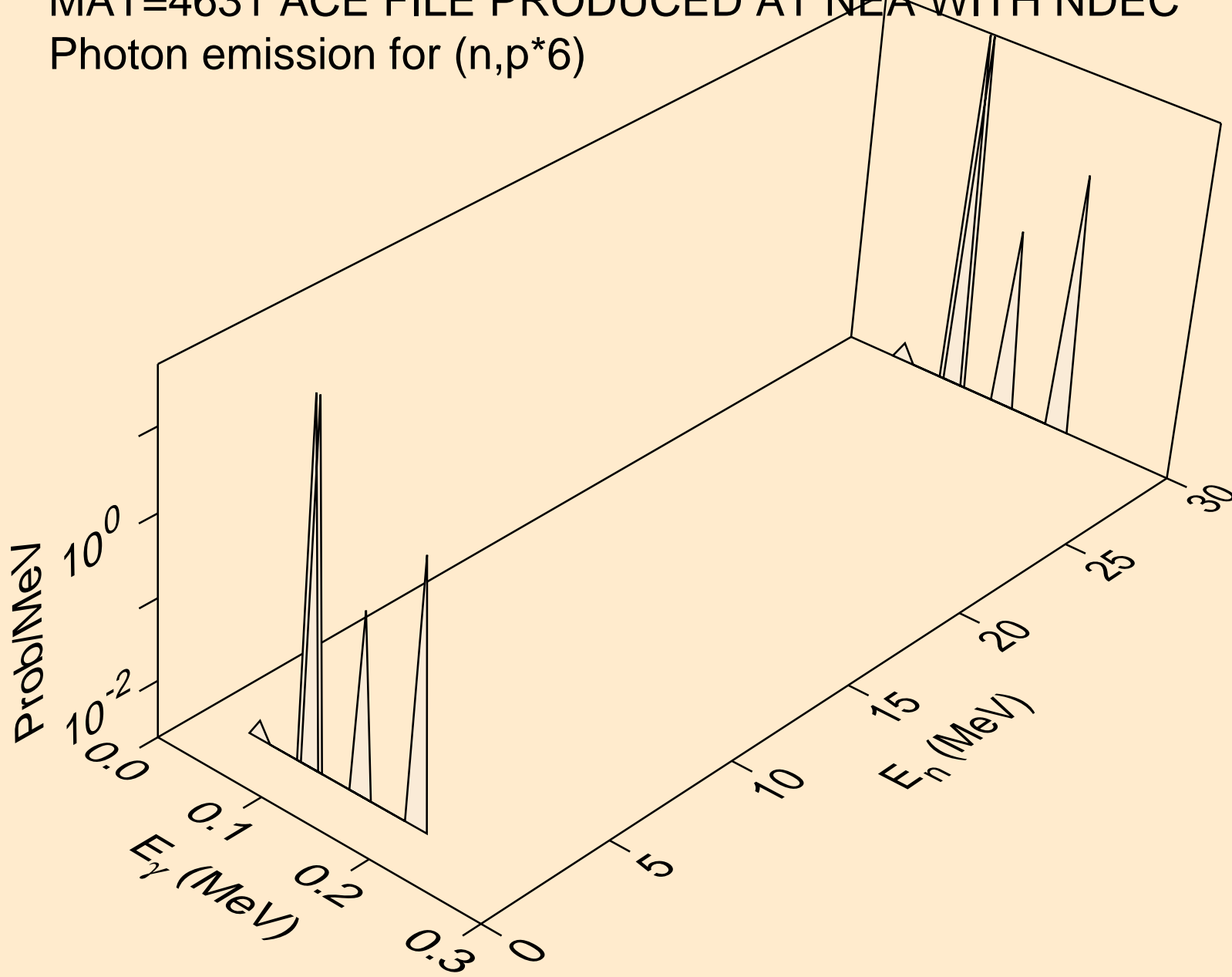
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Photon emission for (n,p*4)



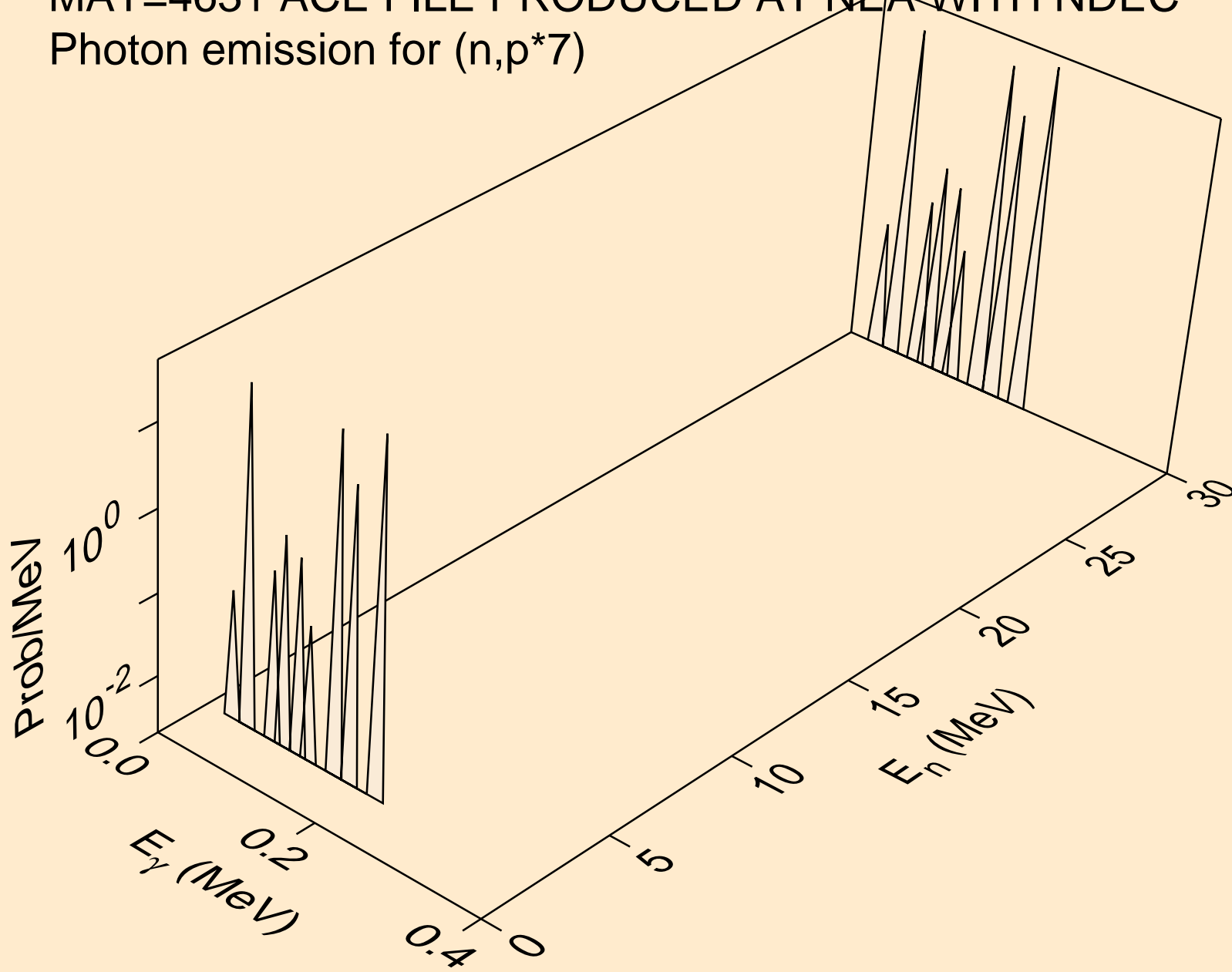
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Photon emission for (n,p*5)



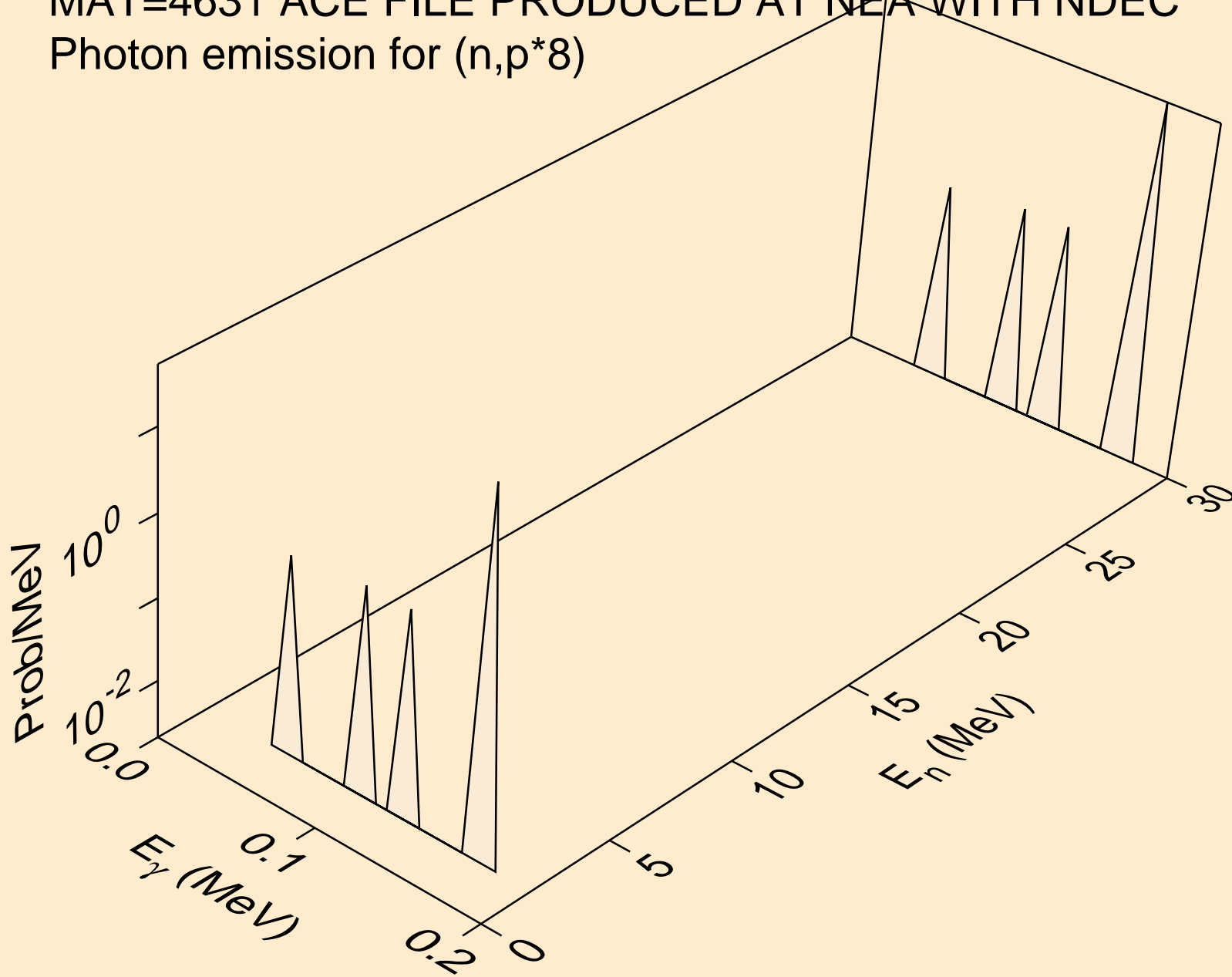
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Photon emission for (n,p*6)



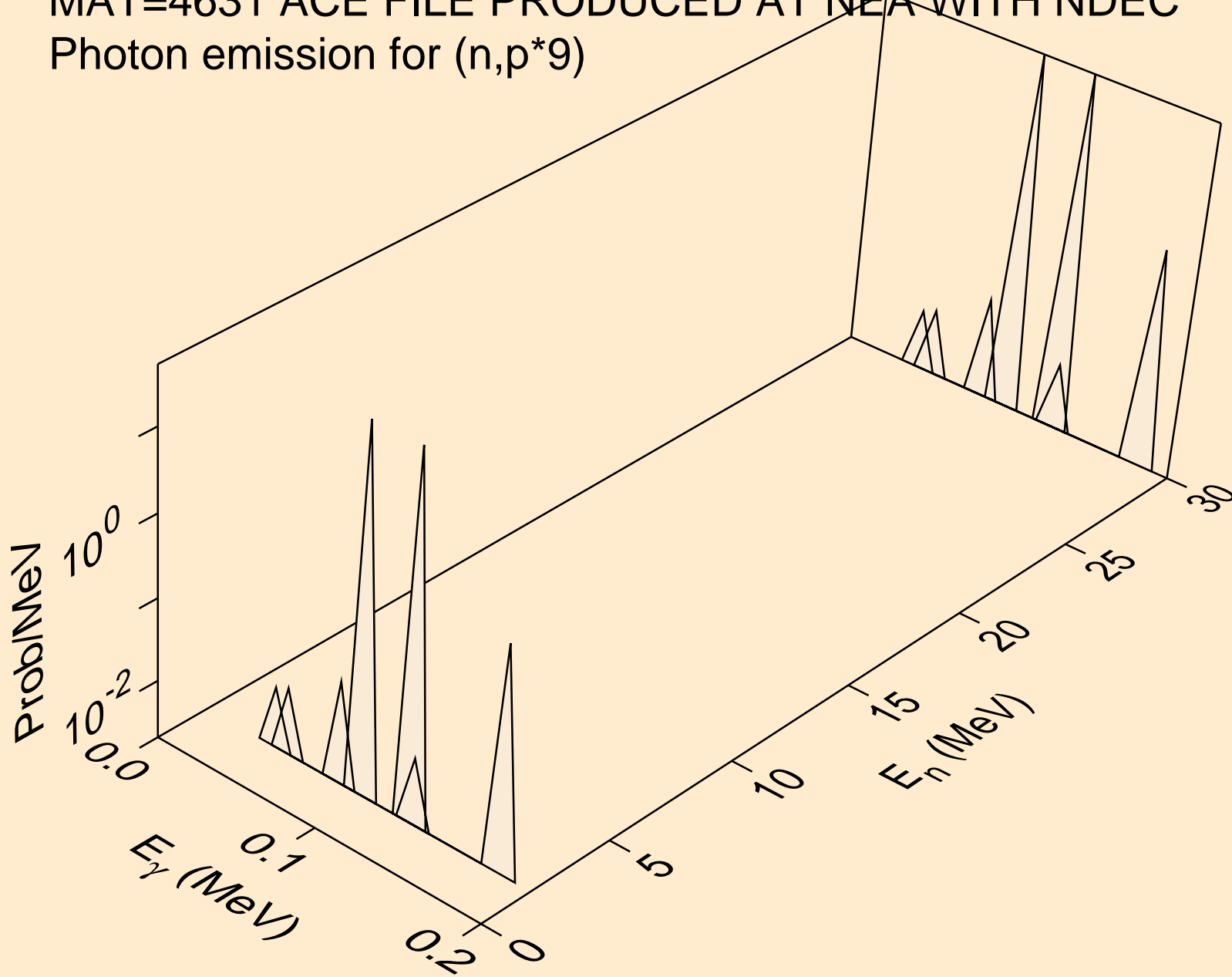
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Photon emission for (n,p*7)



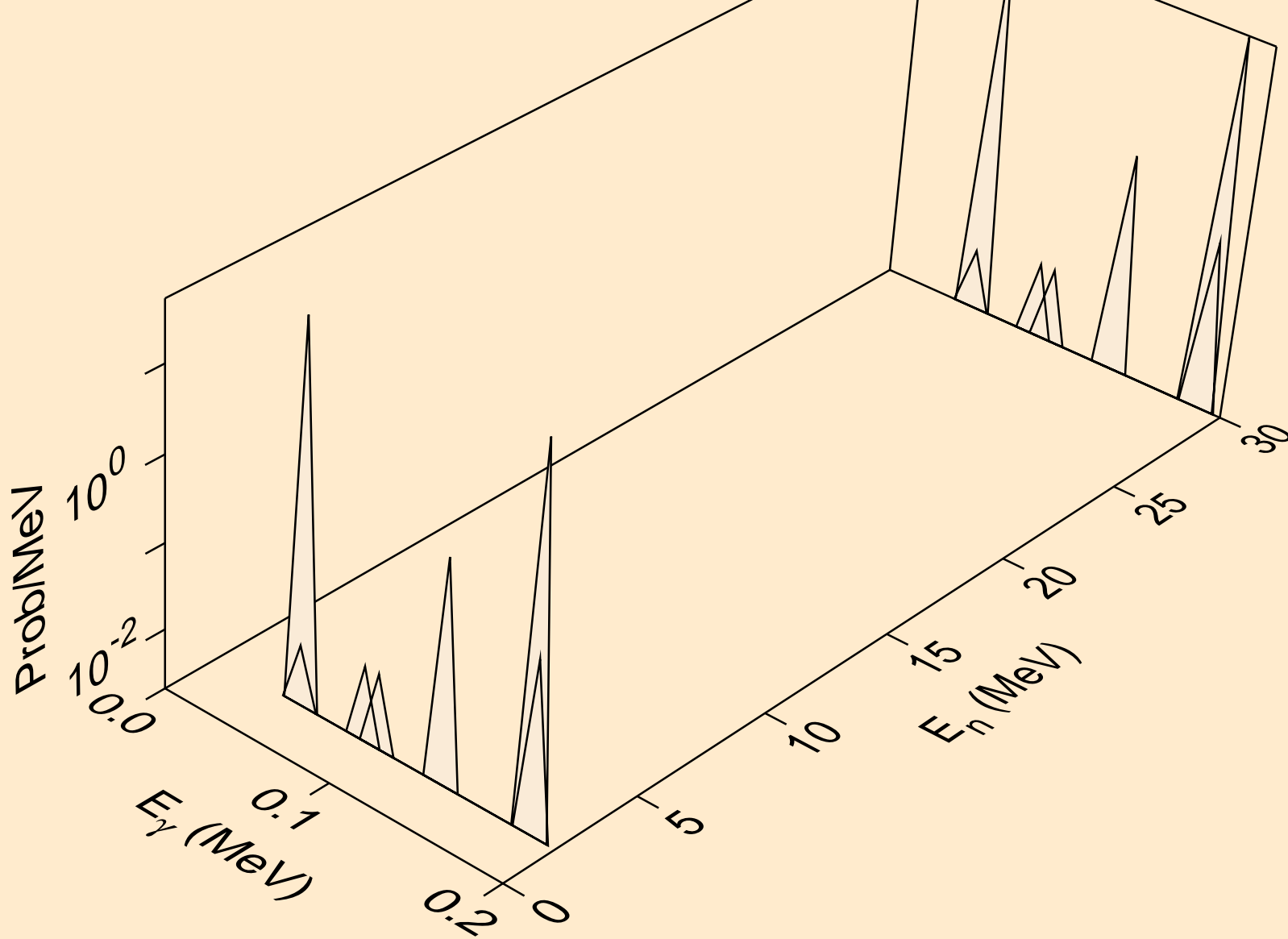
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Photon emission for (n,p*8)



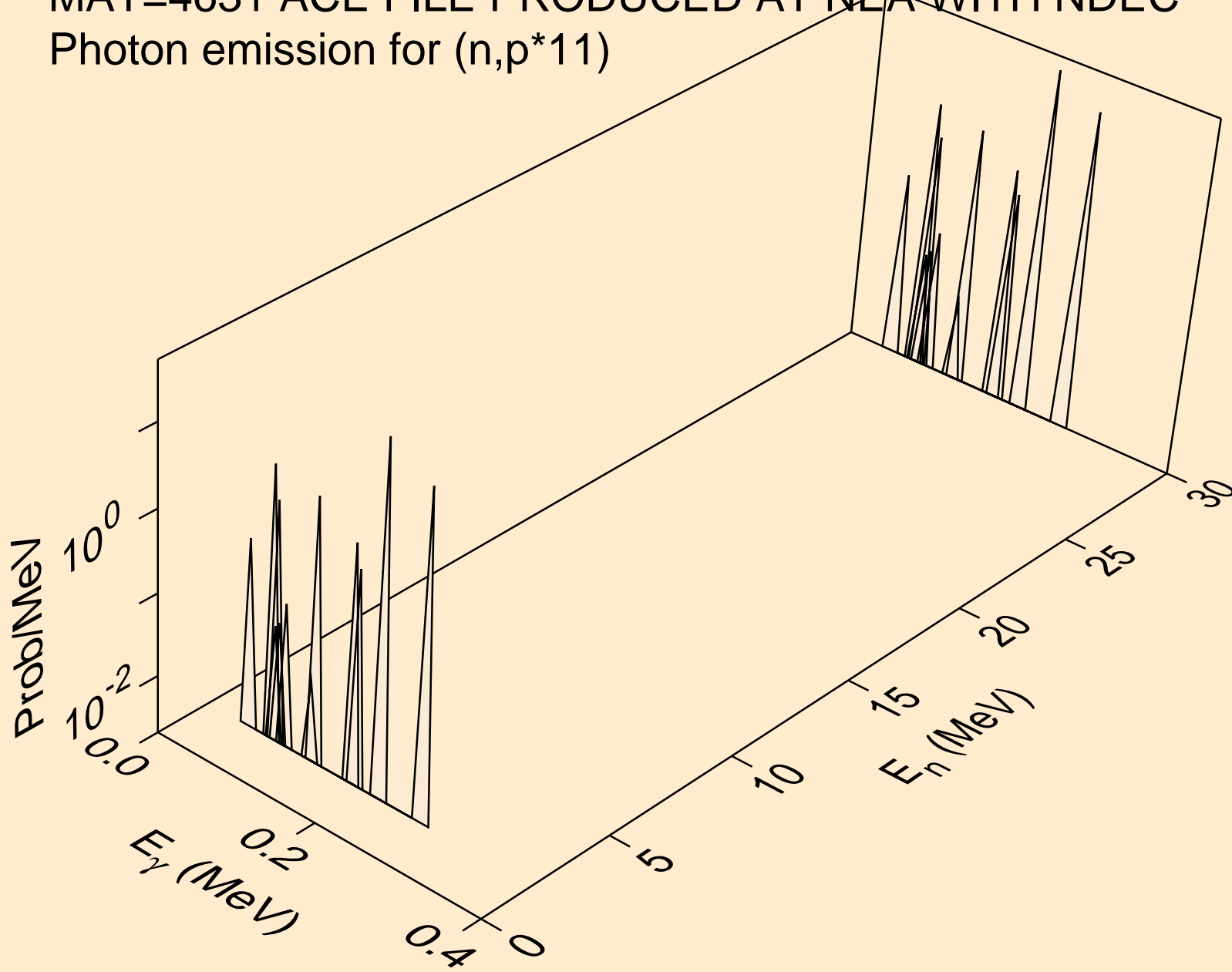
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Photon emission for (n,p*9)



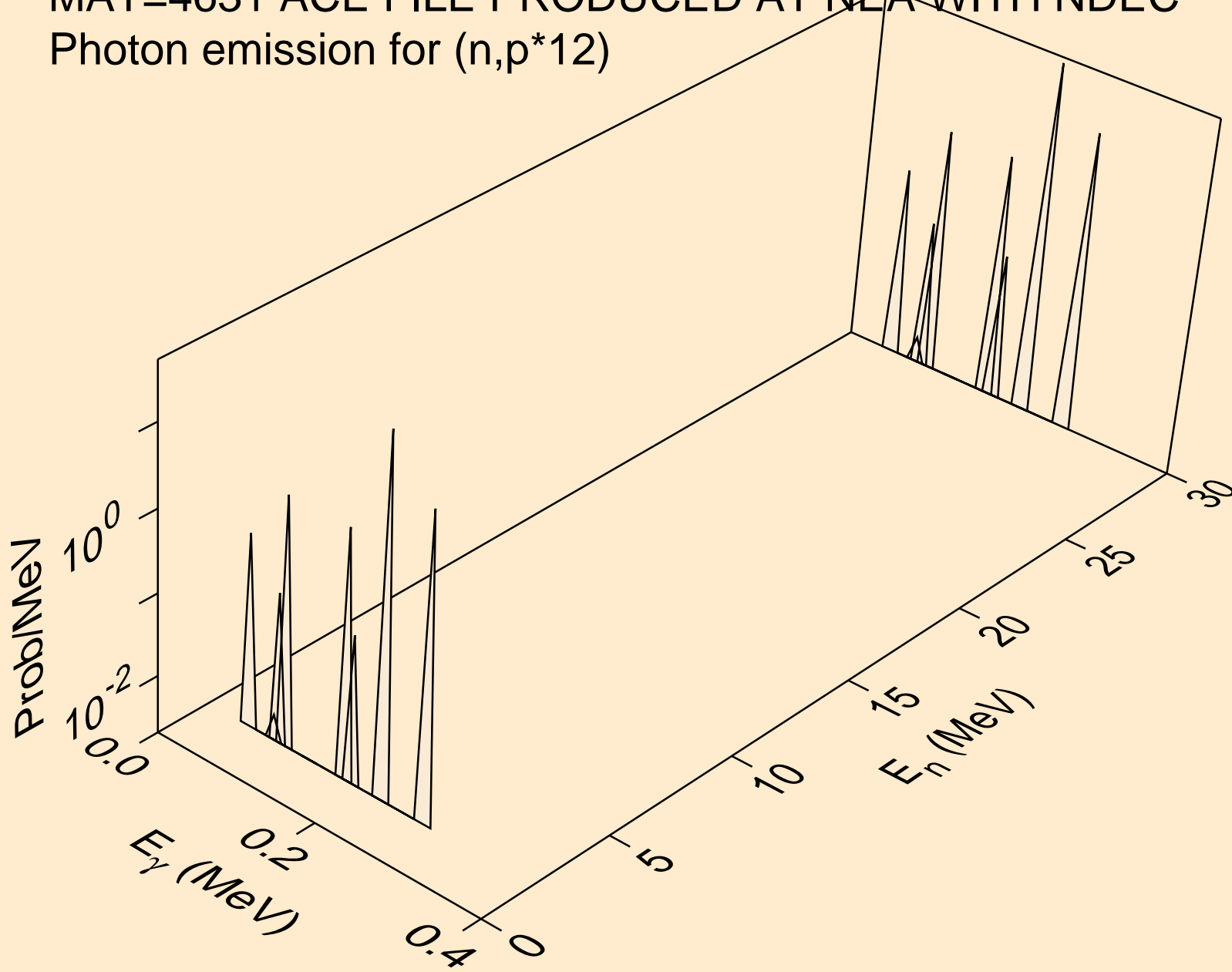
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Photon emission for (n,p*10)



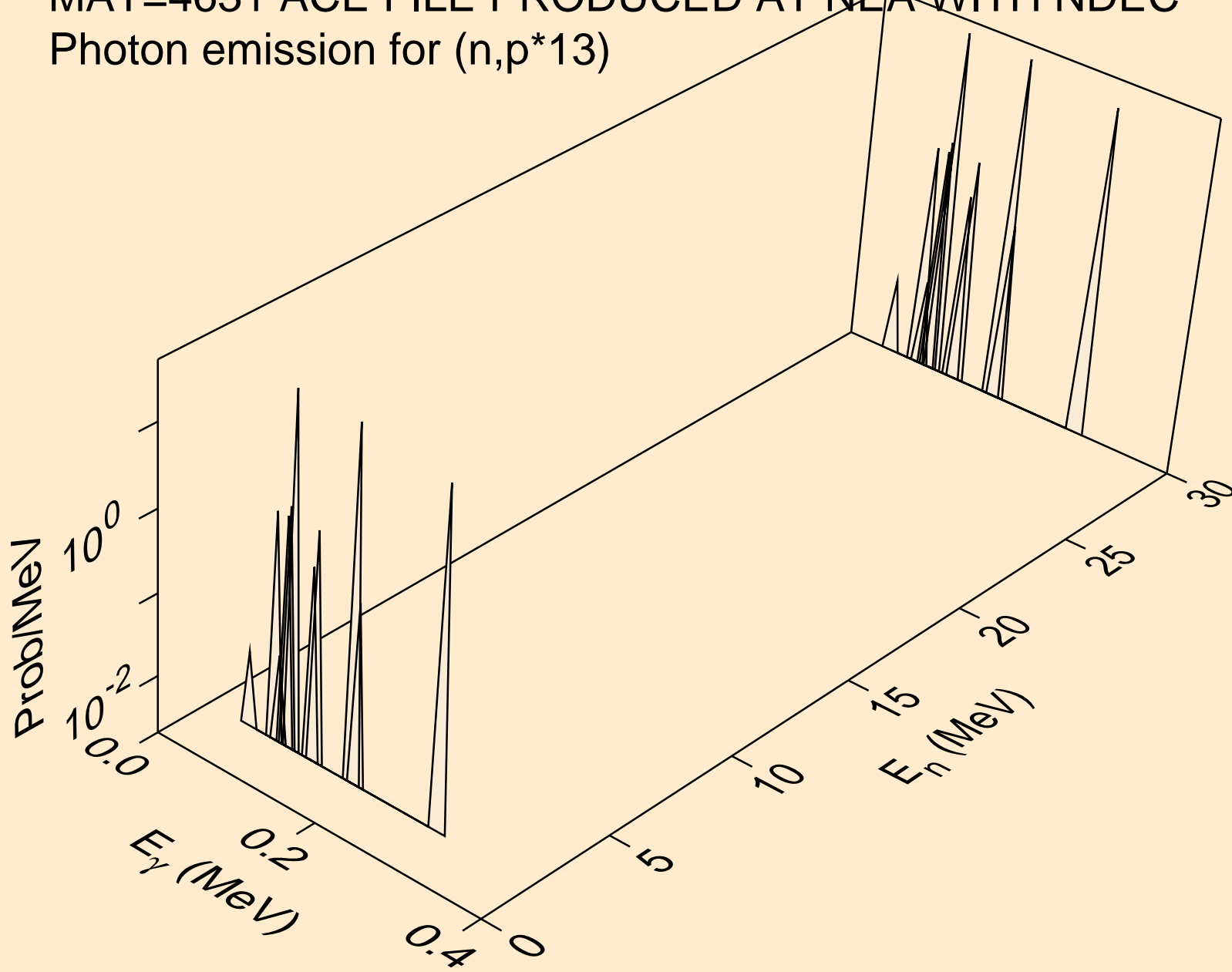
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Photon emission for (n,p*11)



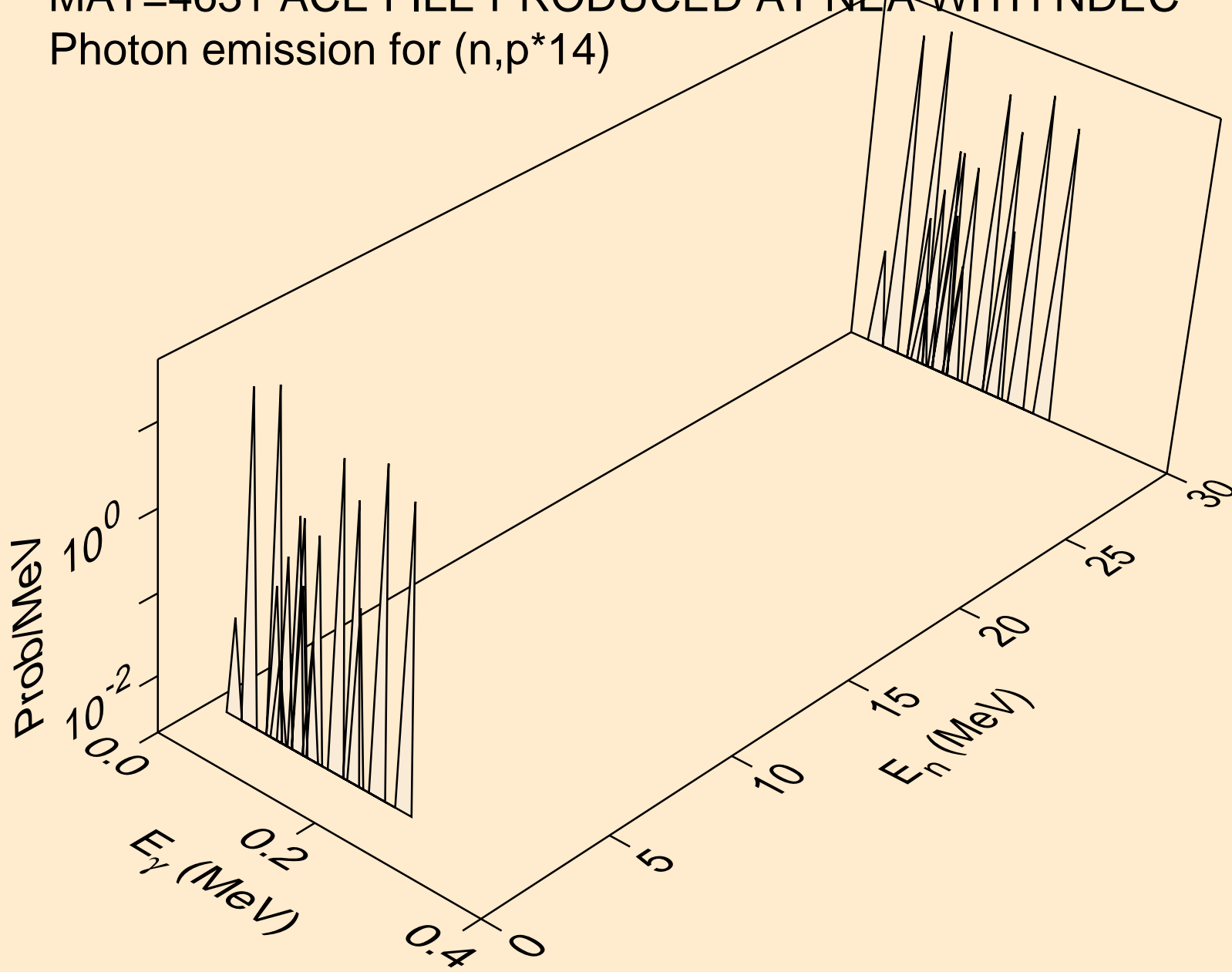
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Photon emission for (n,p*12)



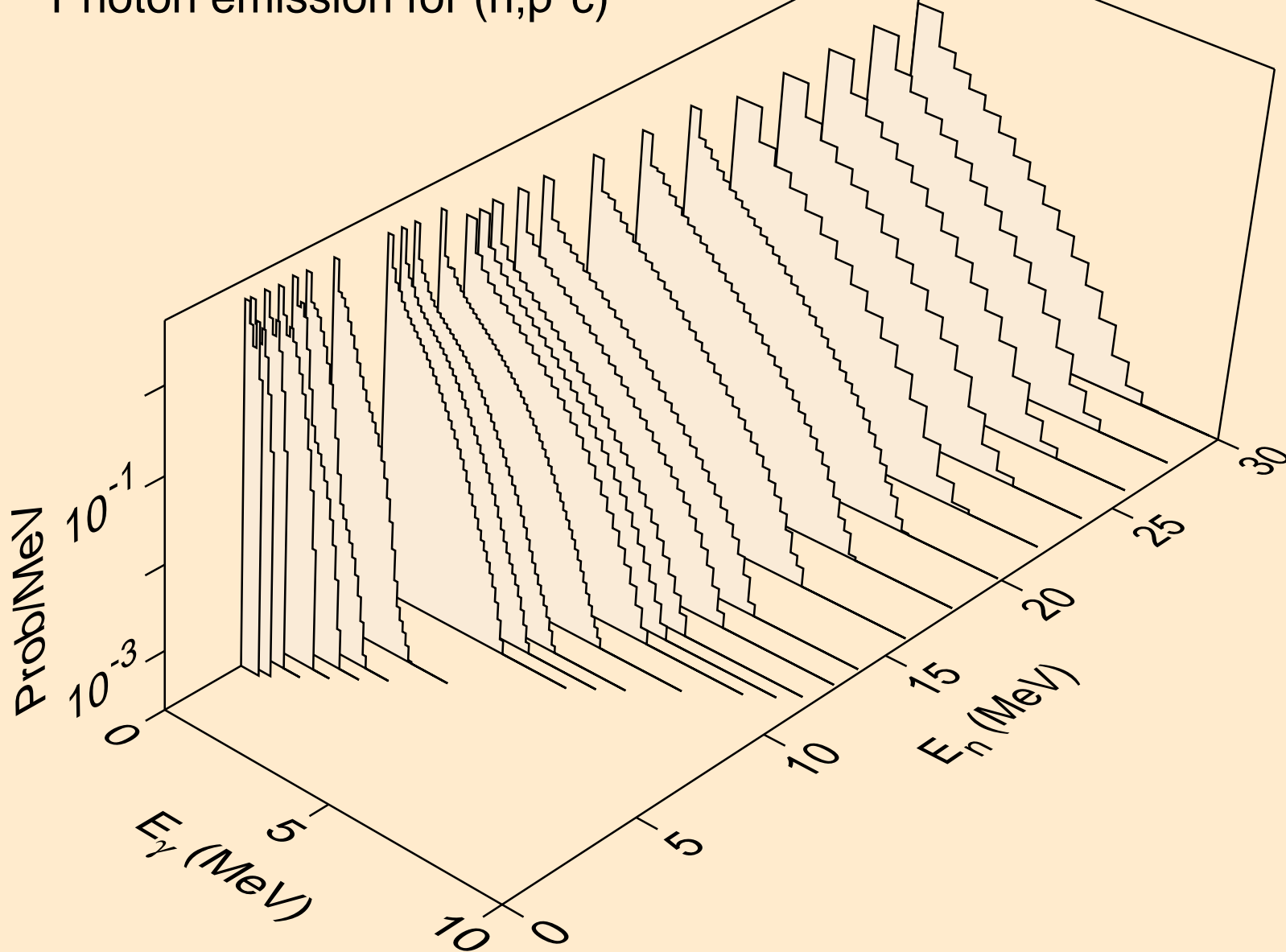
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Photon emission for (n,p*13)



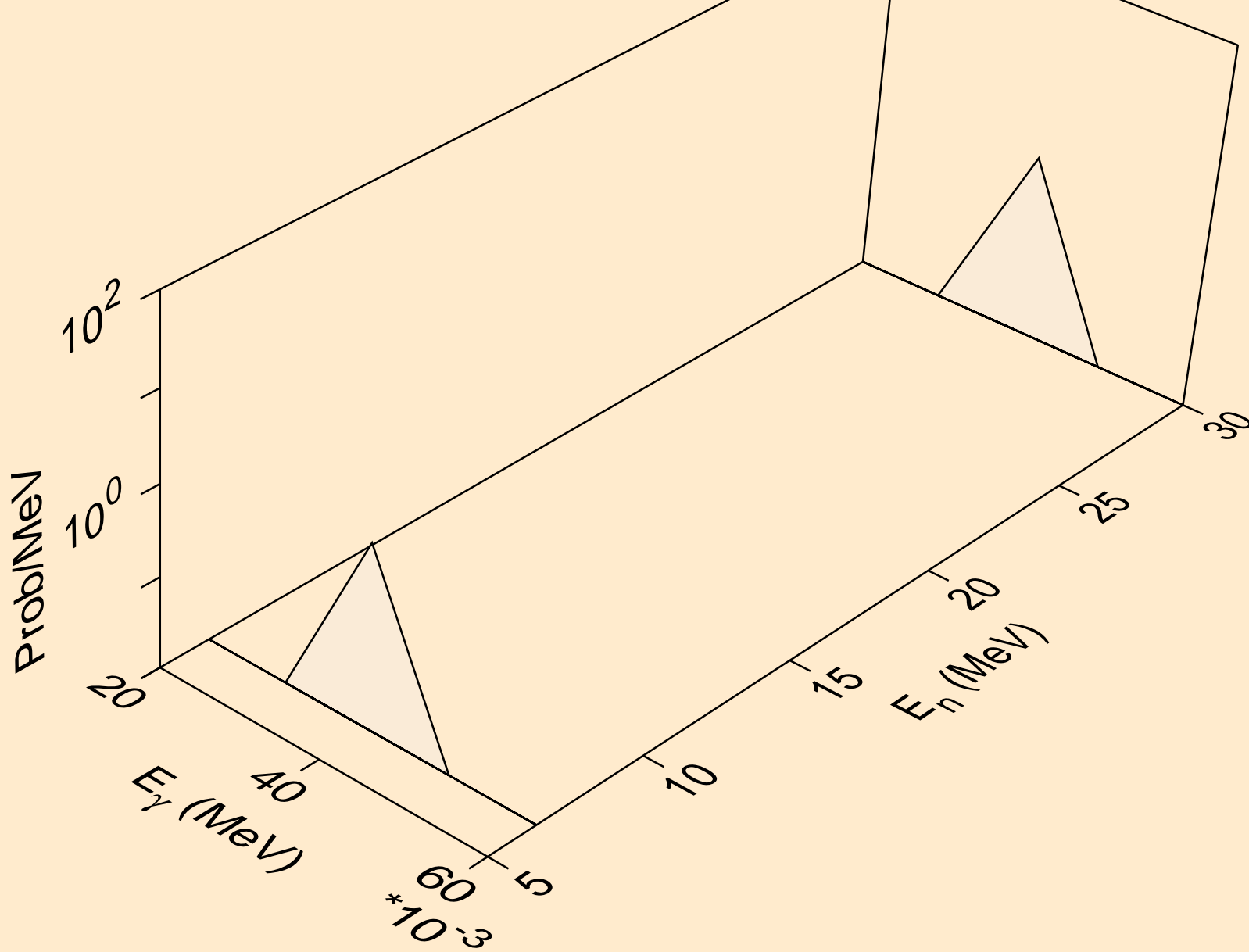
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Photon emission for (n,p*14)



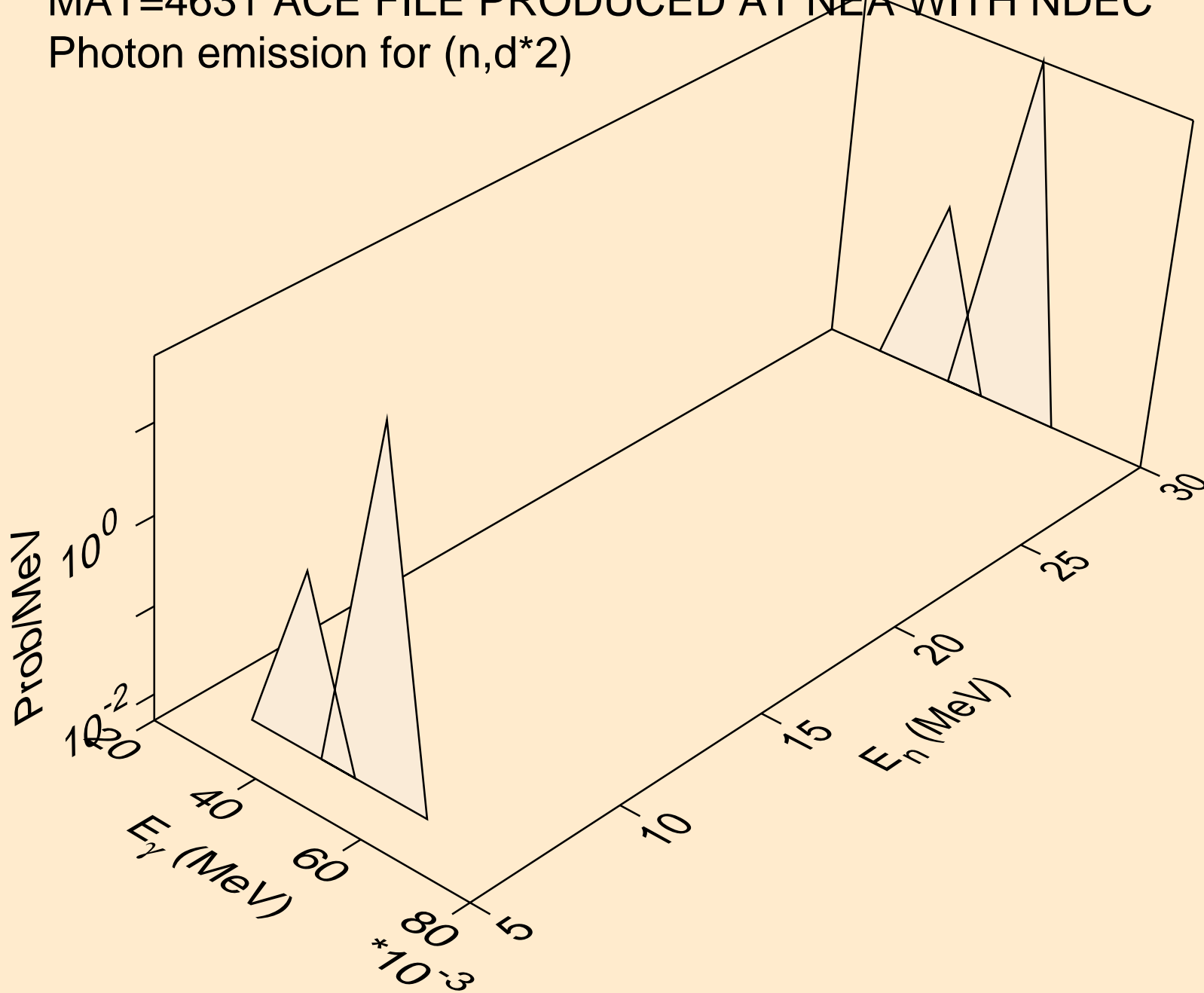
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Photon emission for (n,p*c)



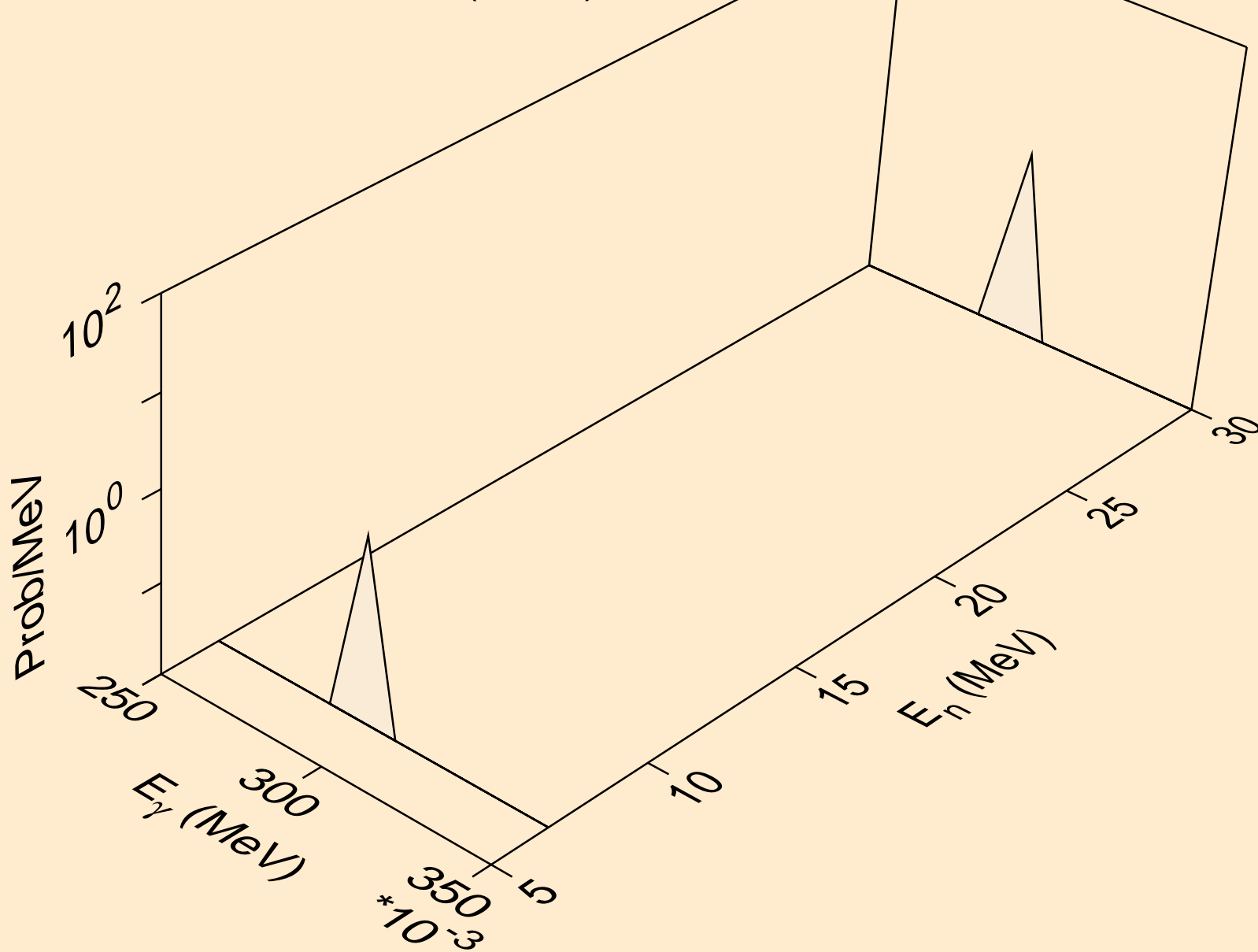
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Photon emission for (n,d*1)



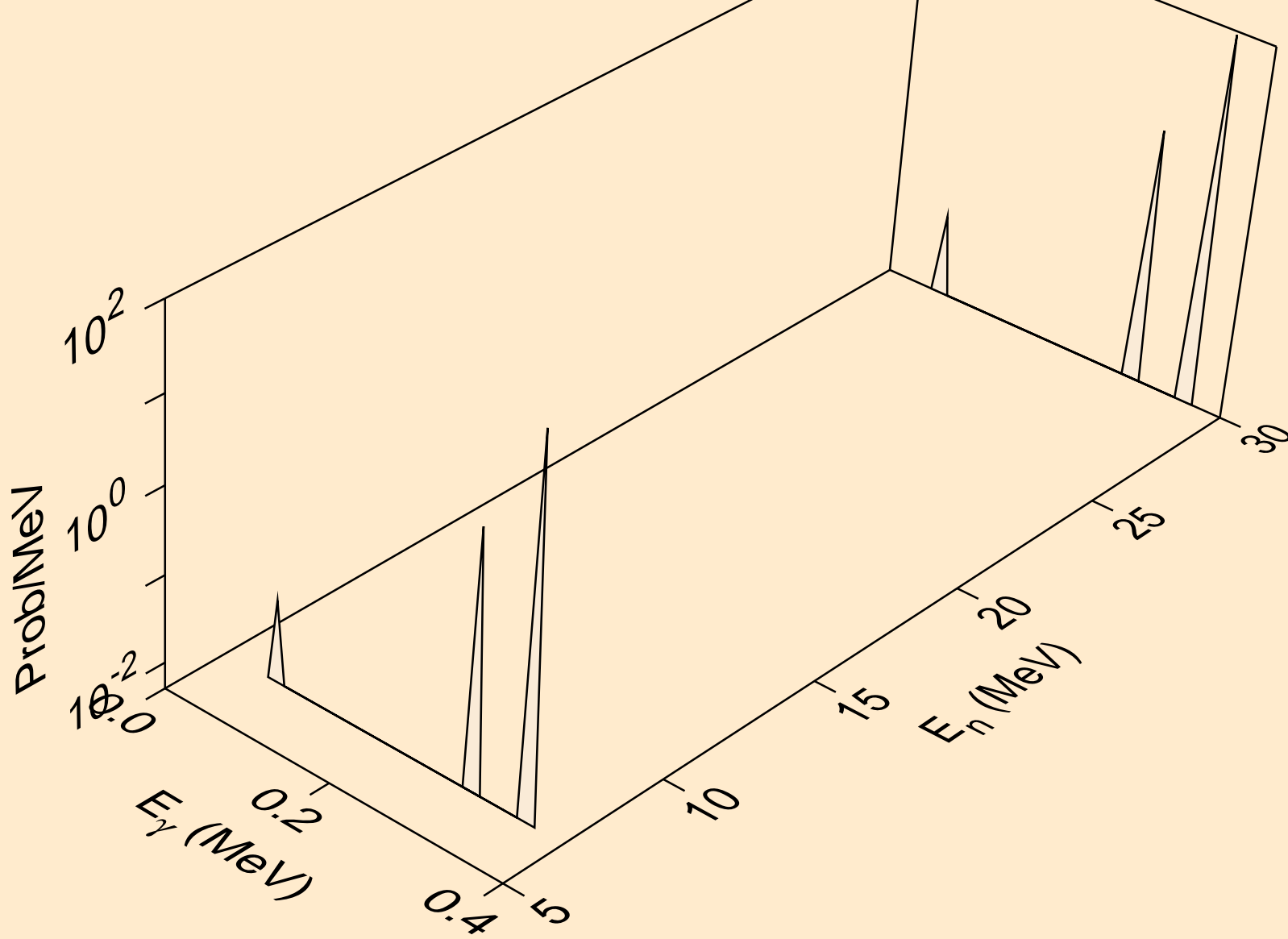
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Photon emission for (n,d*2)



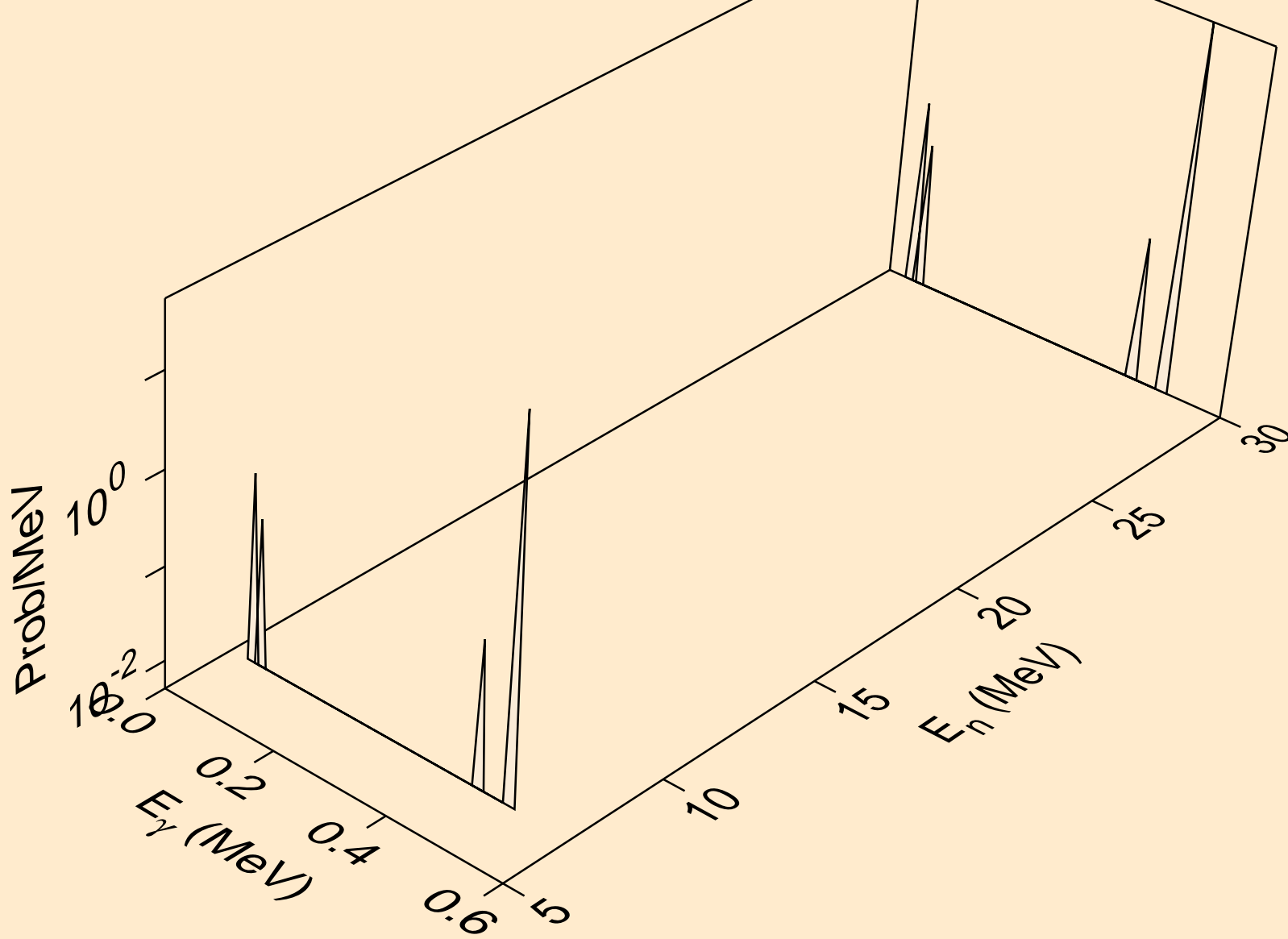
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Photon emission for (n,d*3)



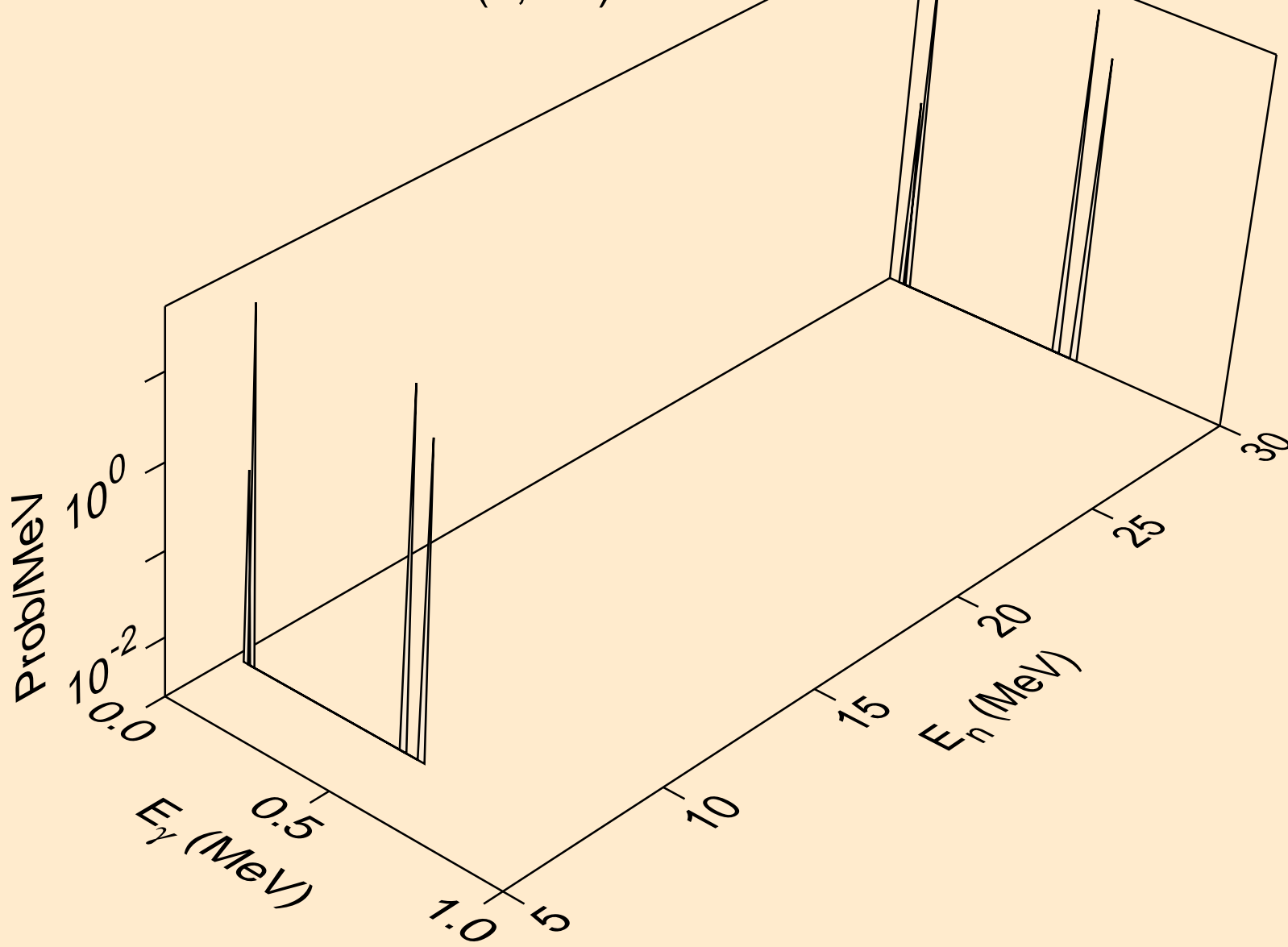
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Photon emission for (n,d*4)



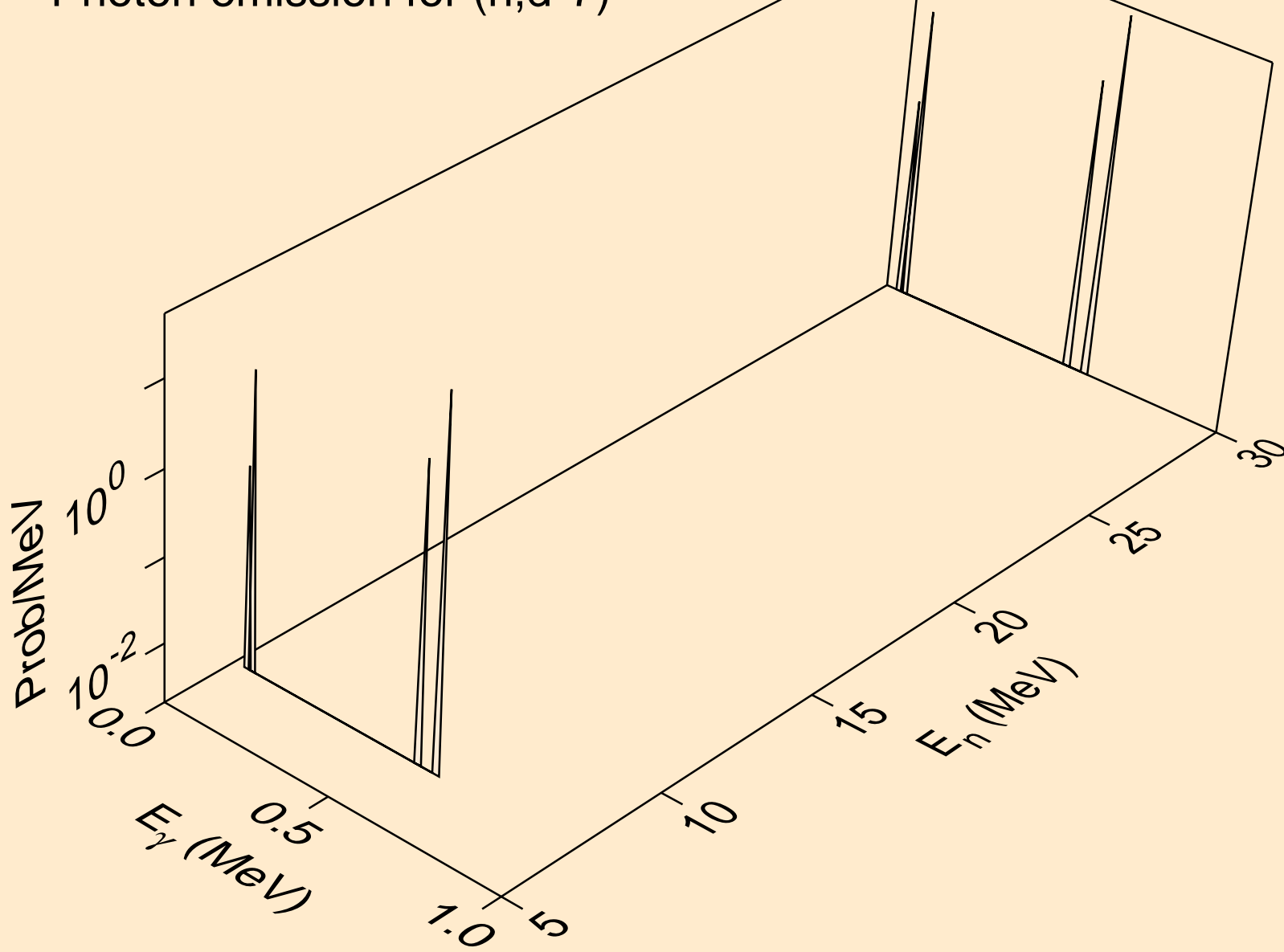
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Photon emission for (n,d*5)



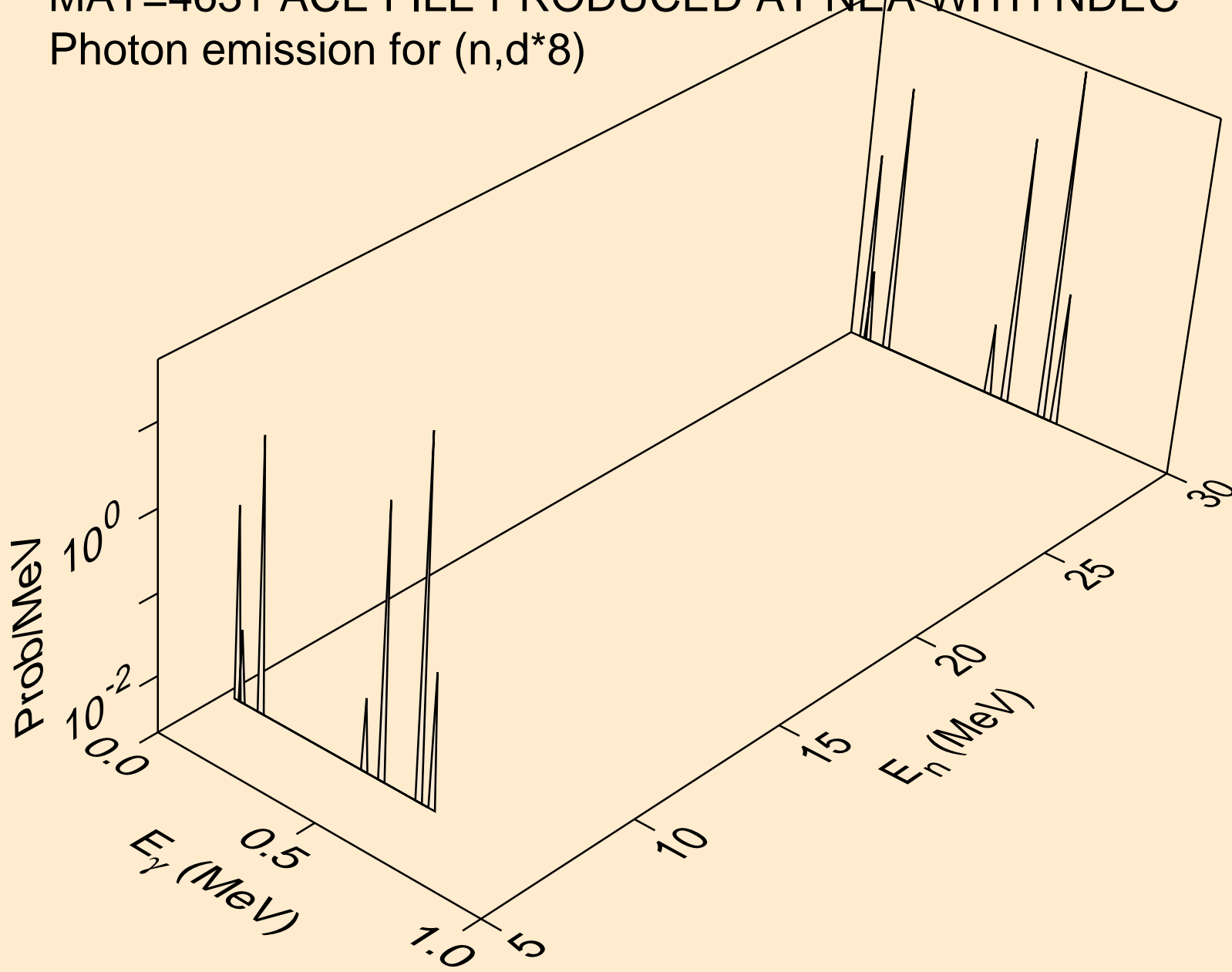
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Photon emission for (n,d*6)



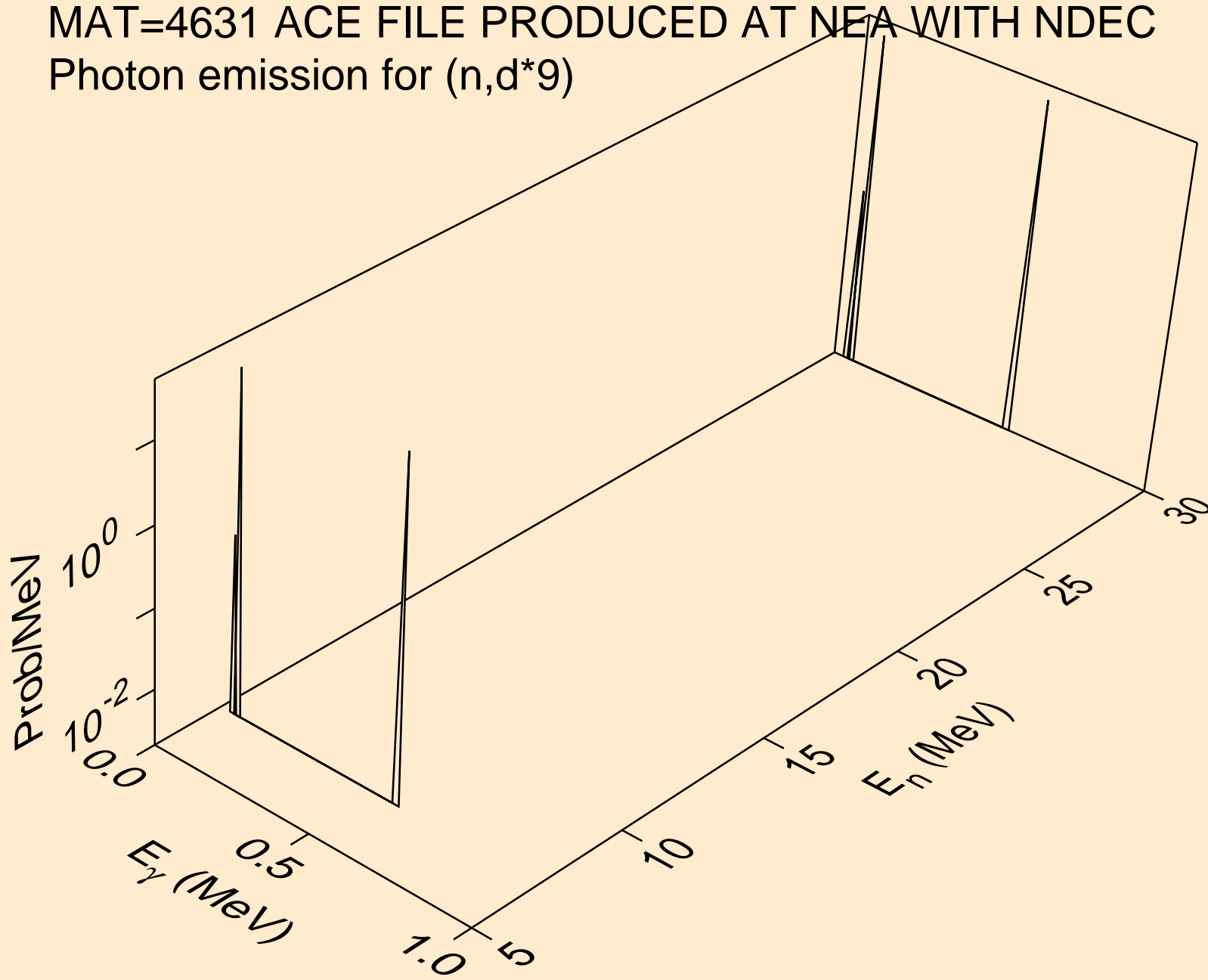
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Photon emission for (n,d*7)



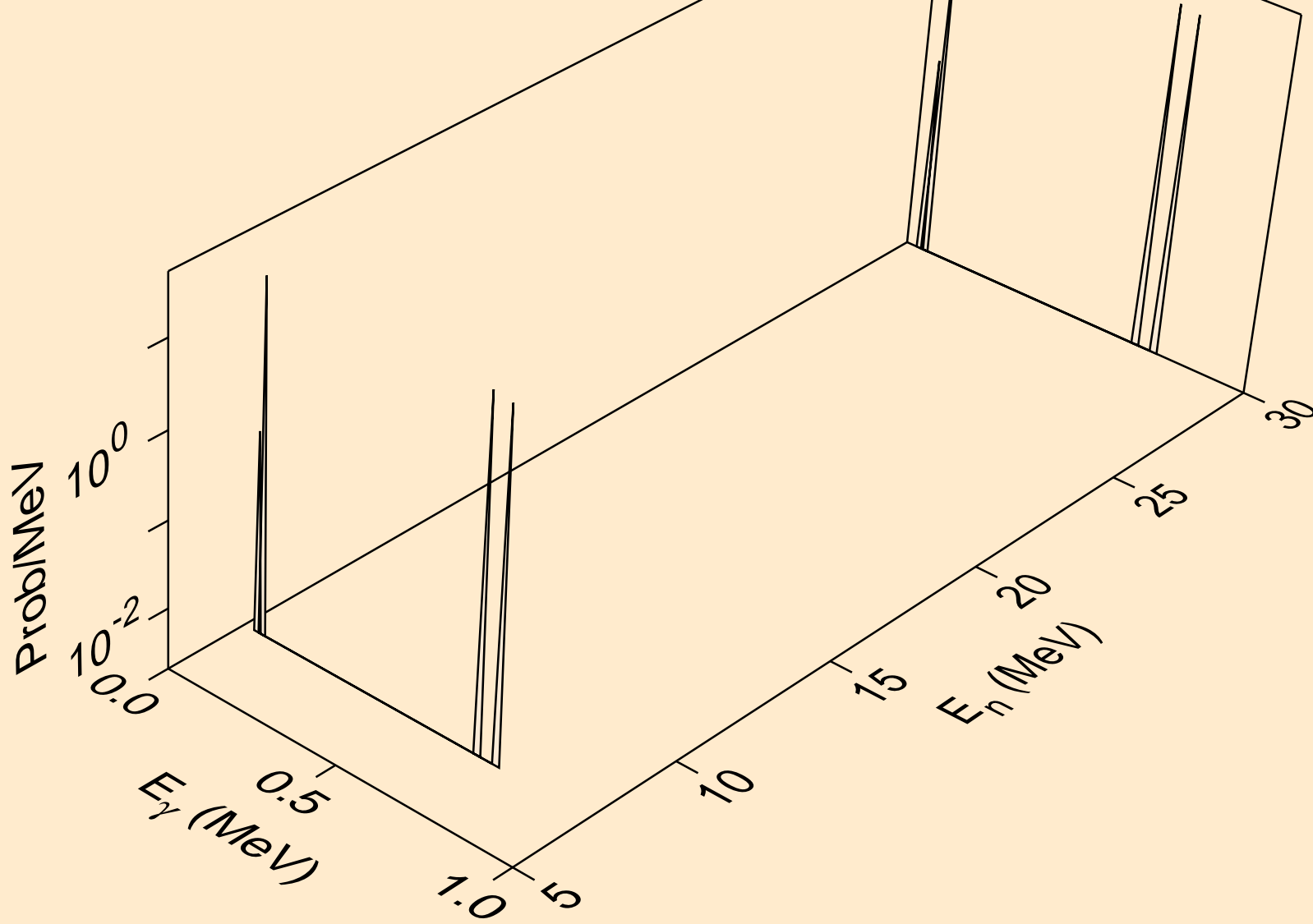
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Photon emission for (n,d*8)



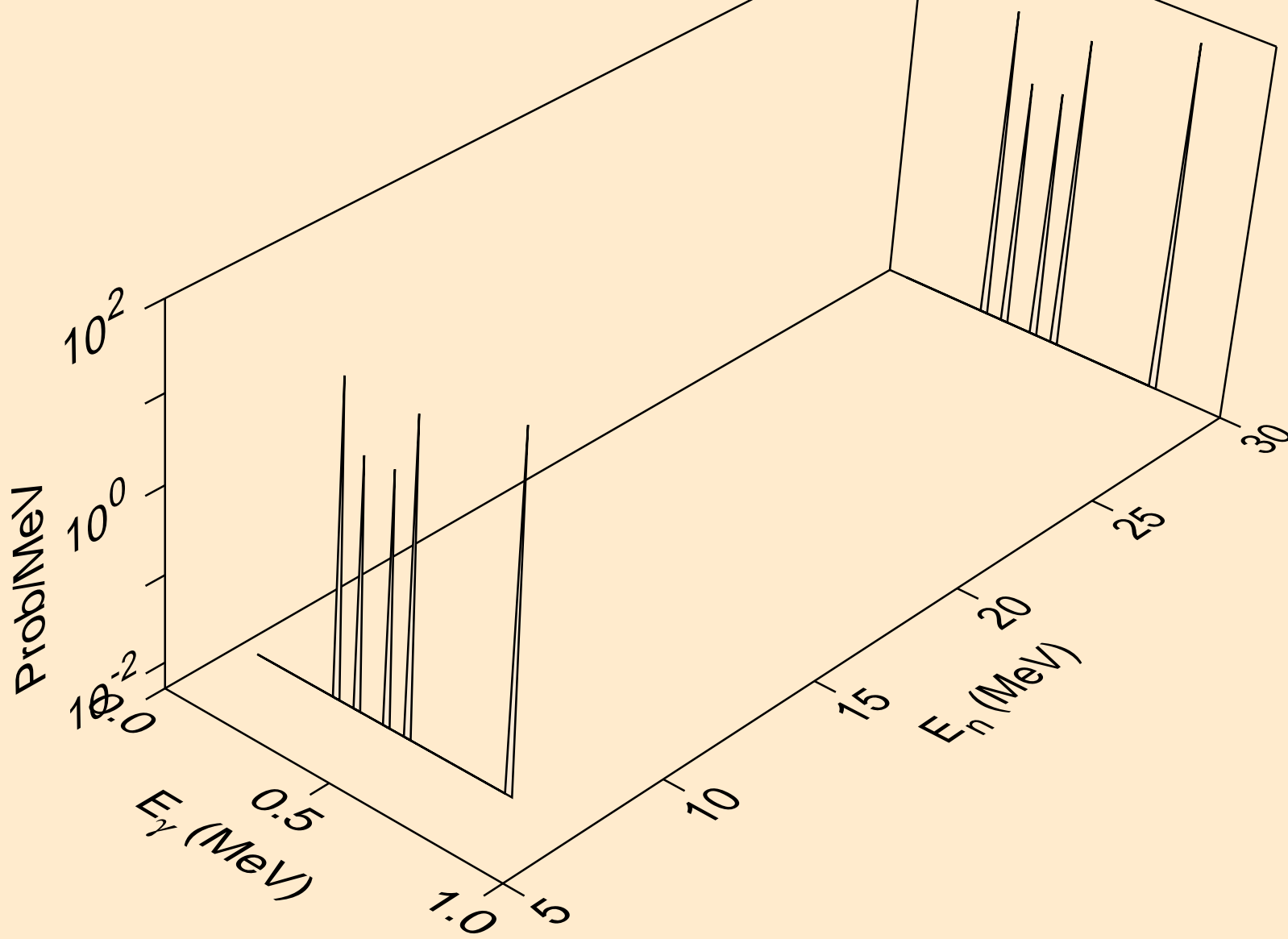
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Photon emission for (n,d*9)



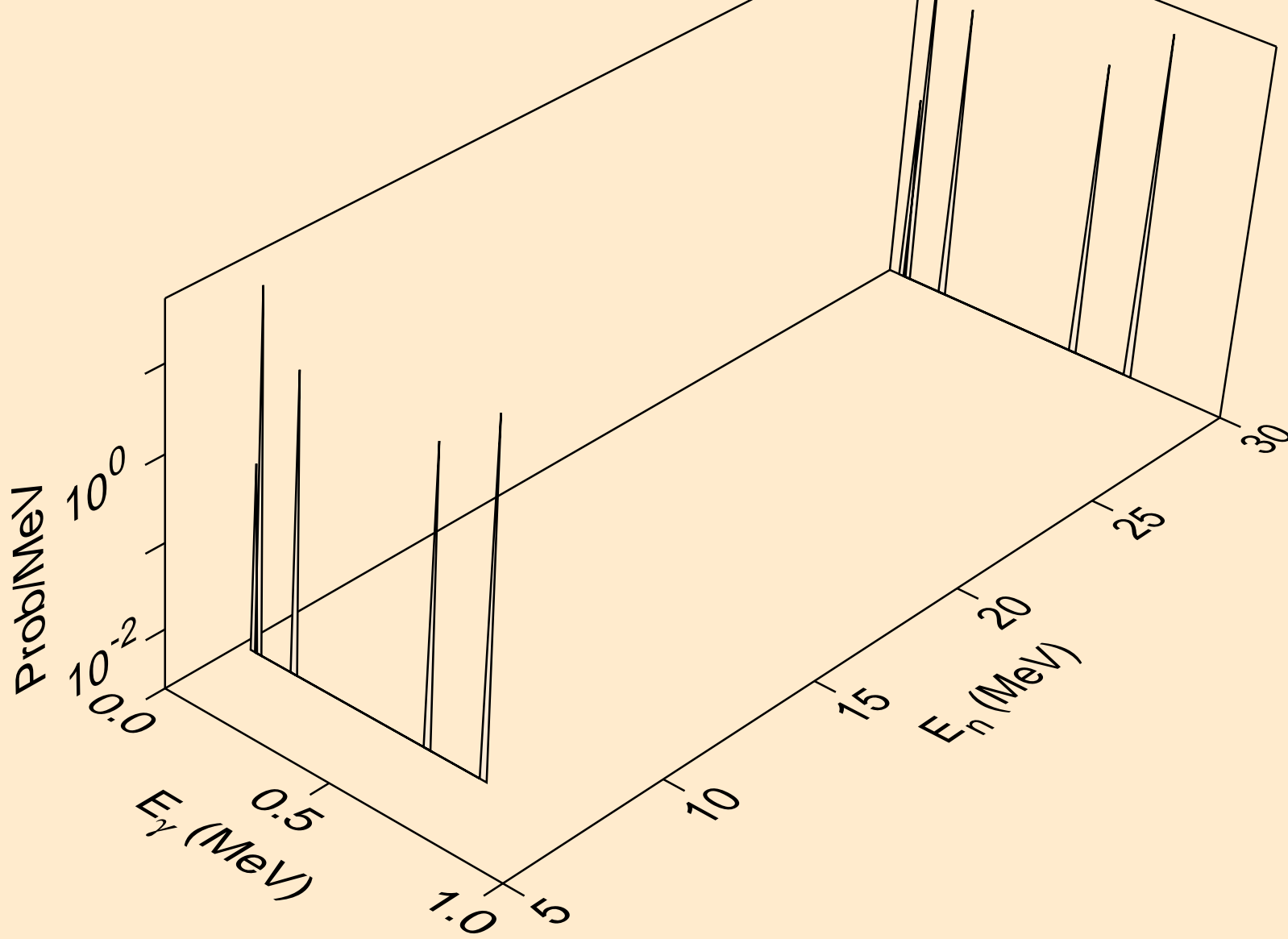
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Photon emission for (n,d*10)



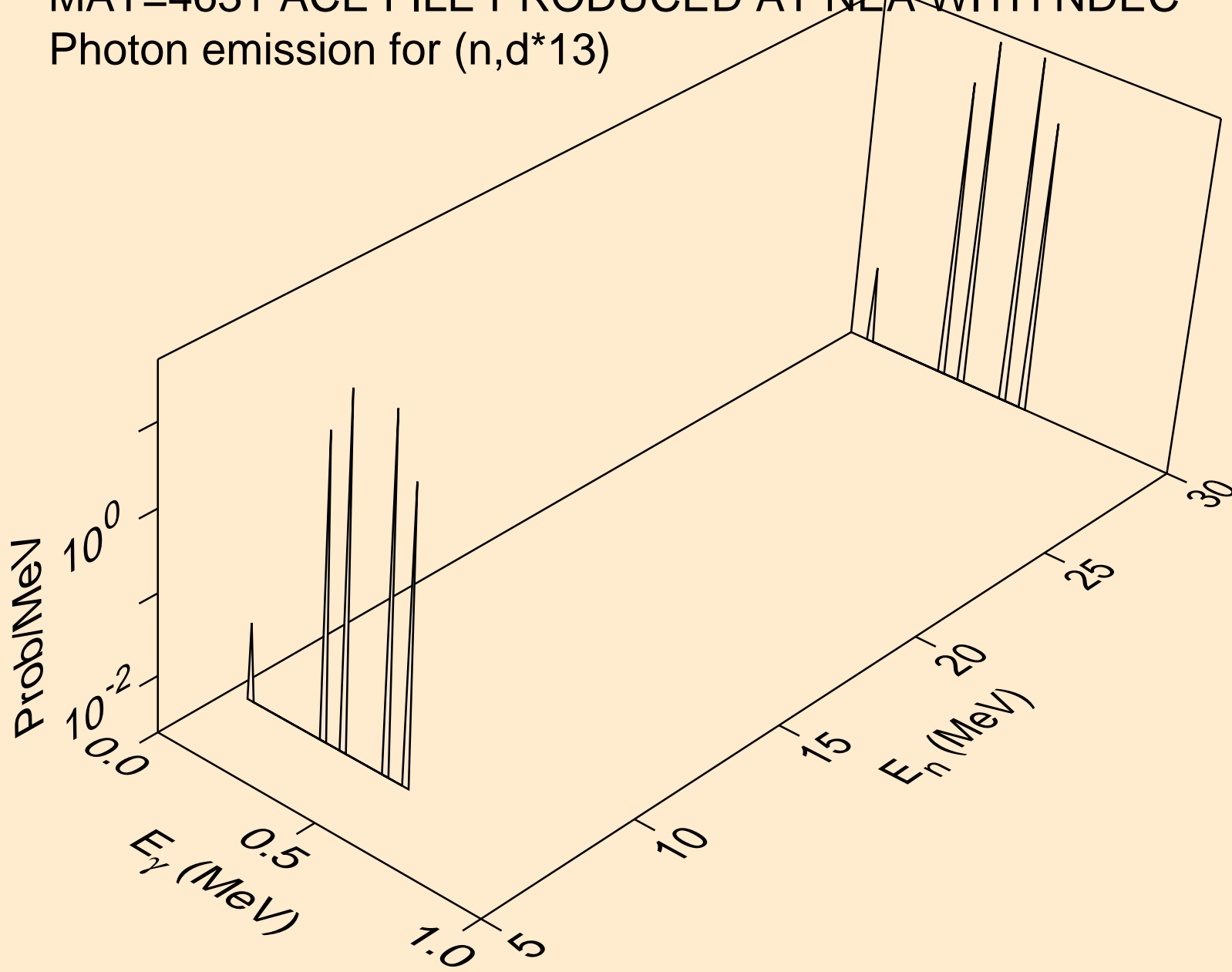
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Photon emission for (n,d*11)



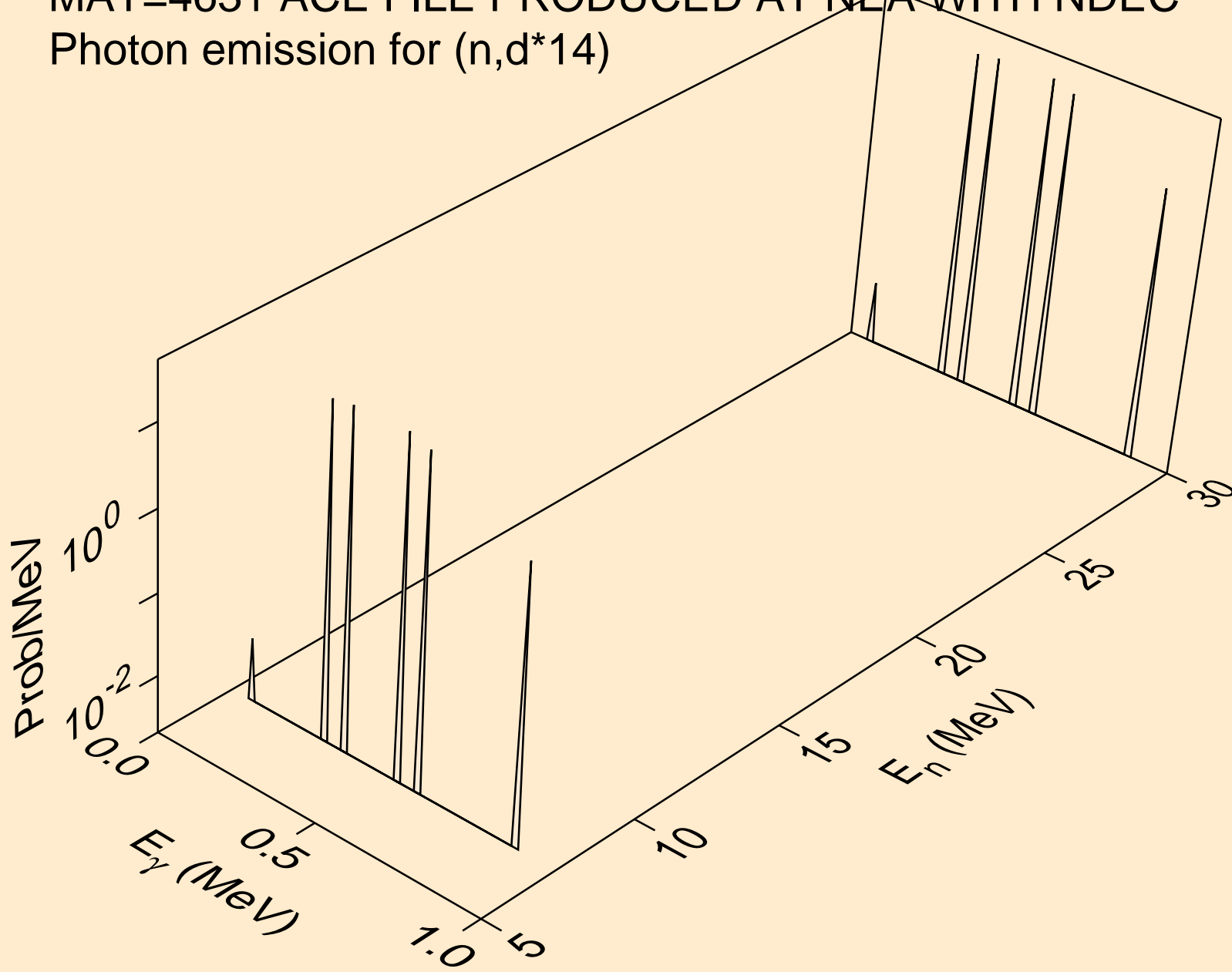
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Photon emission for (n,d*12)



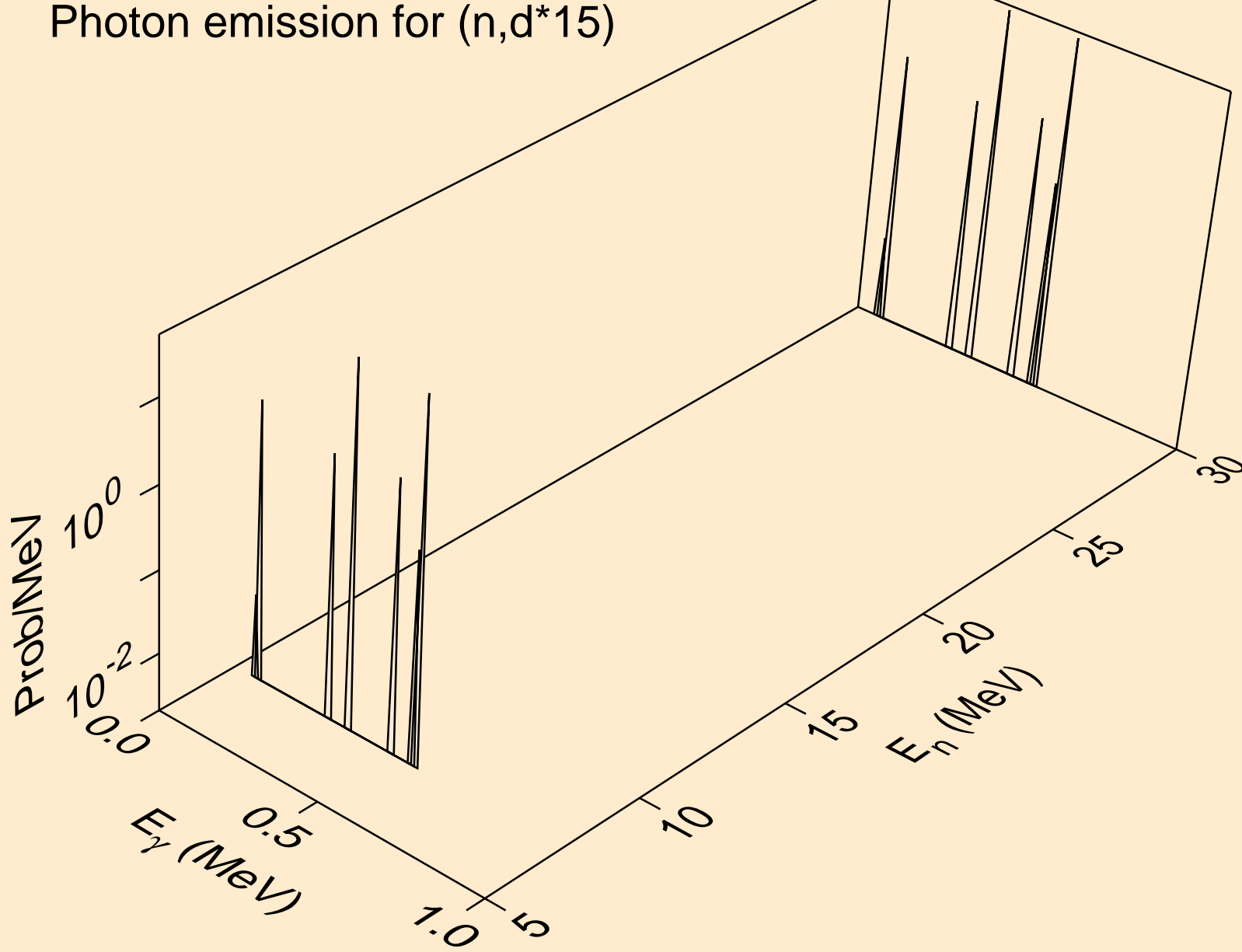
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Photon emission for (n,d*13)



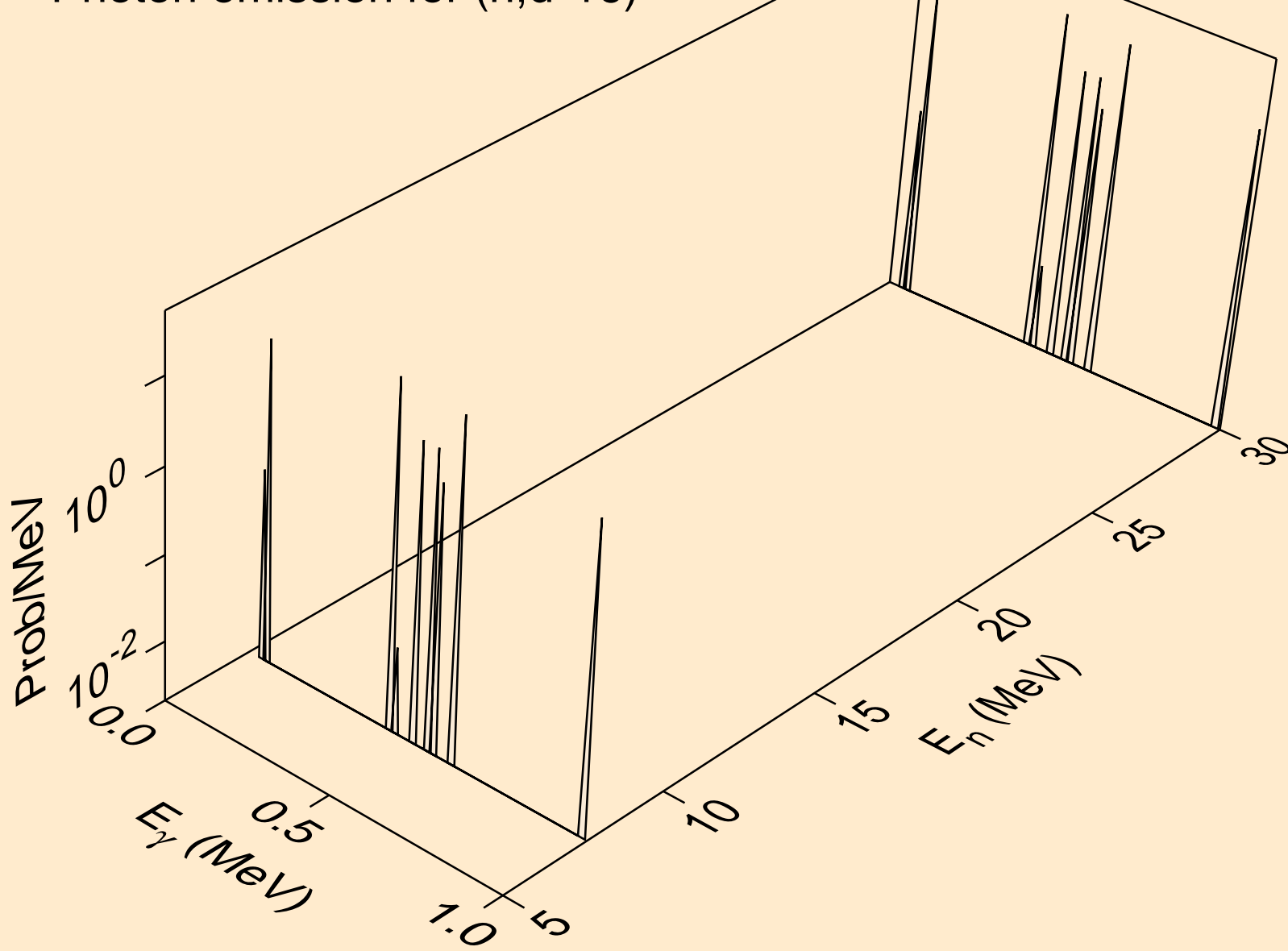
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Photon emission for (n,d*14)



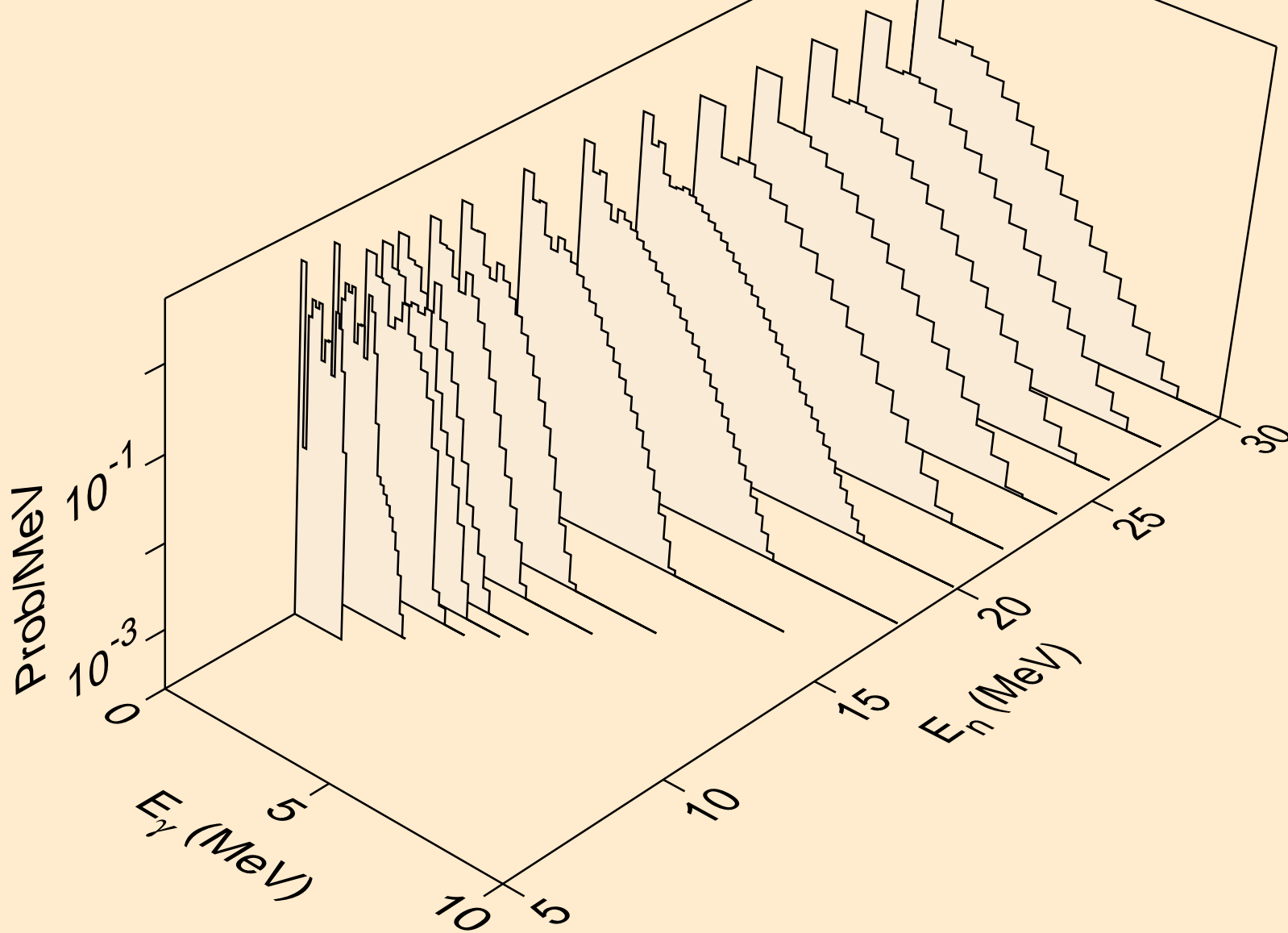
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Photon emission for (n,d*15)



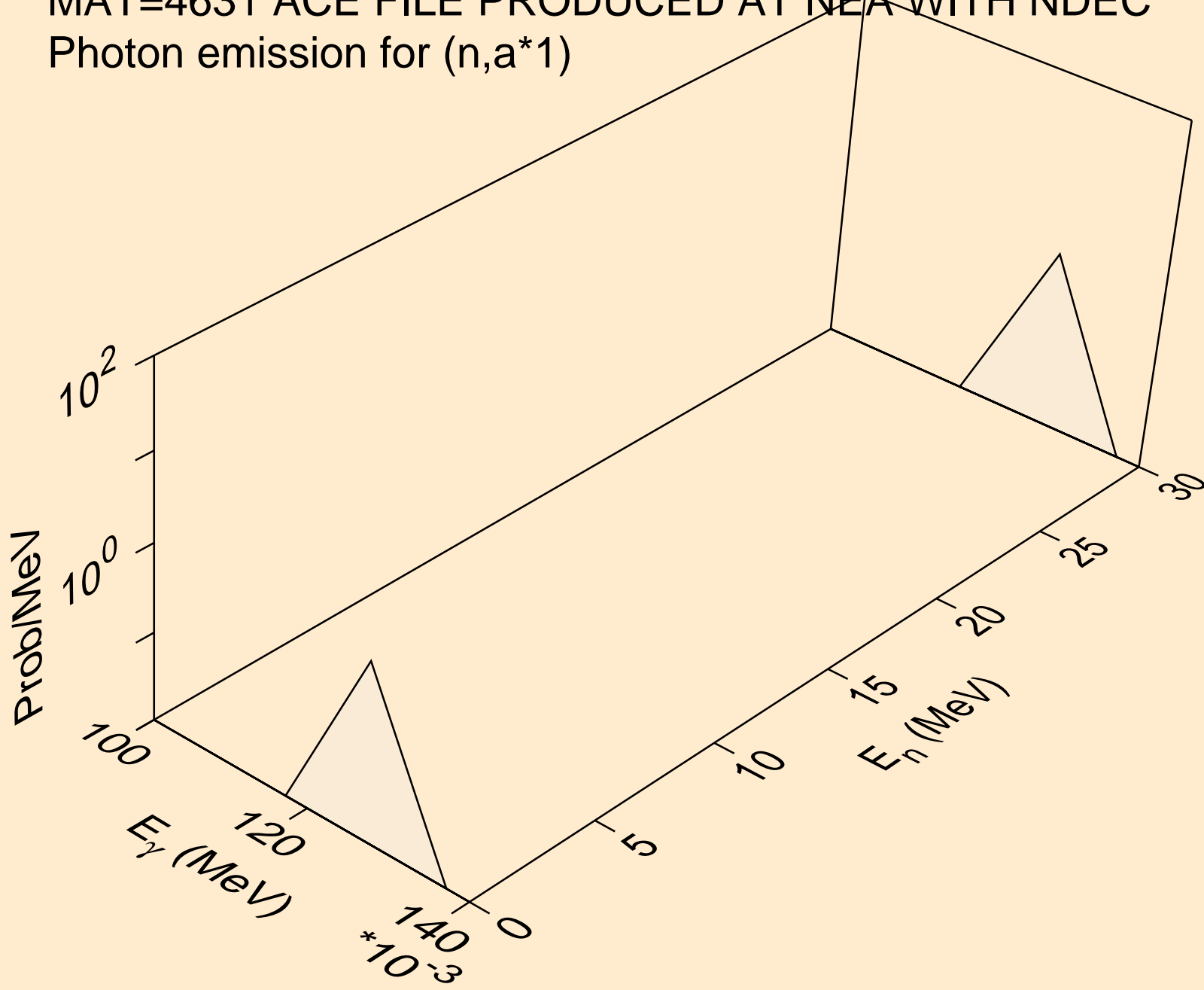
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Photon emission for (n,d*16)



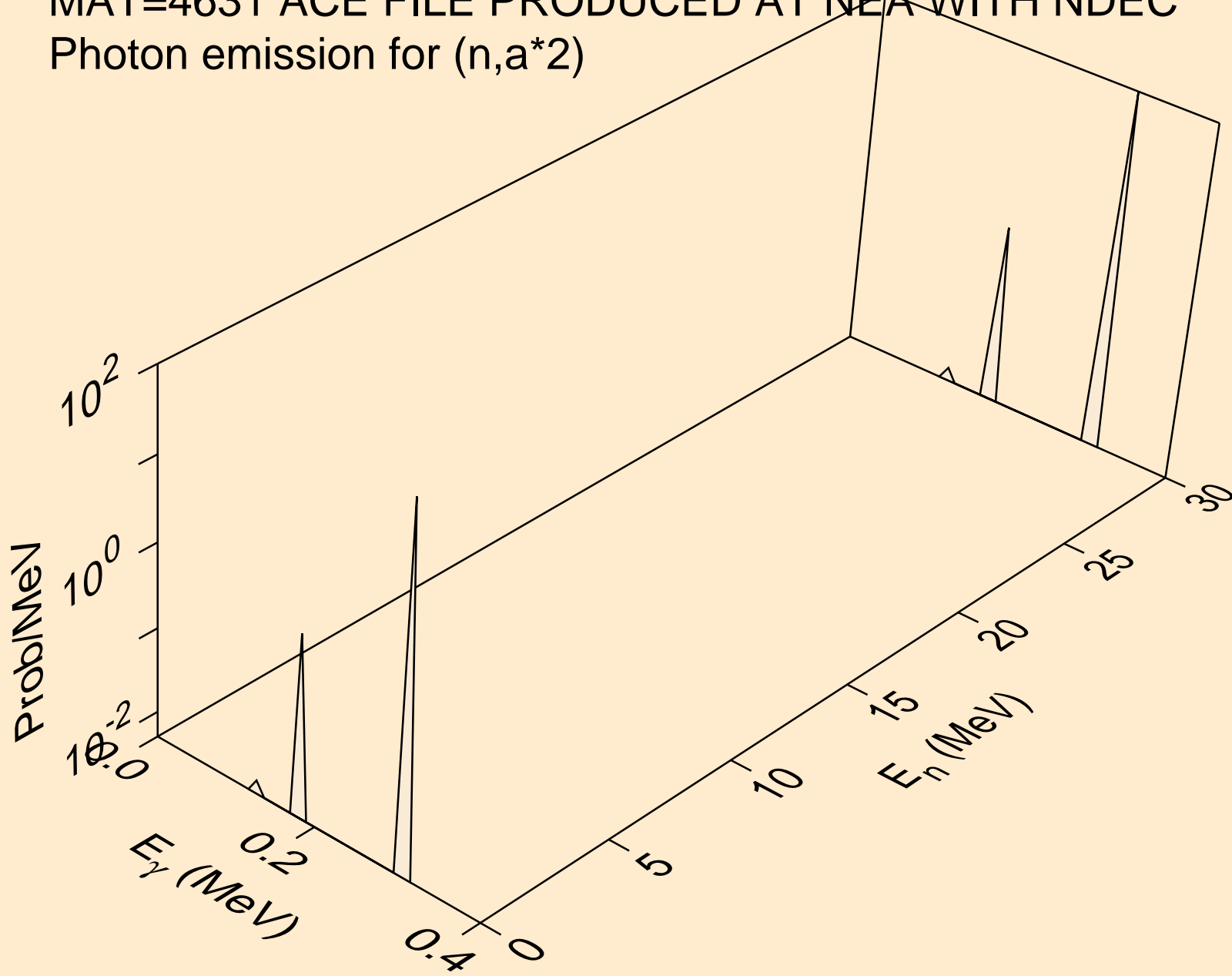
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Photon emission for (n,d*c)



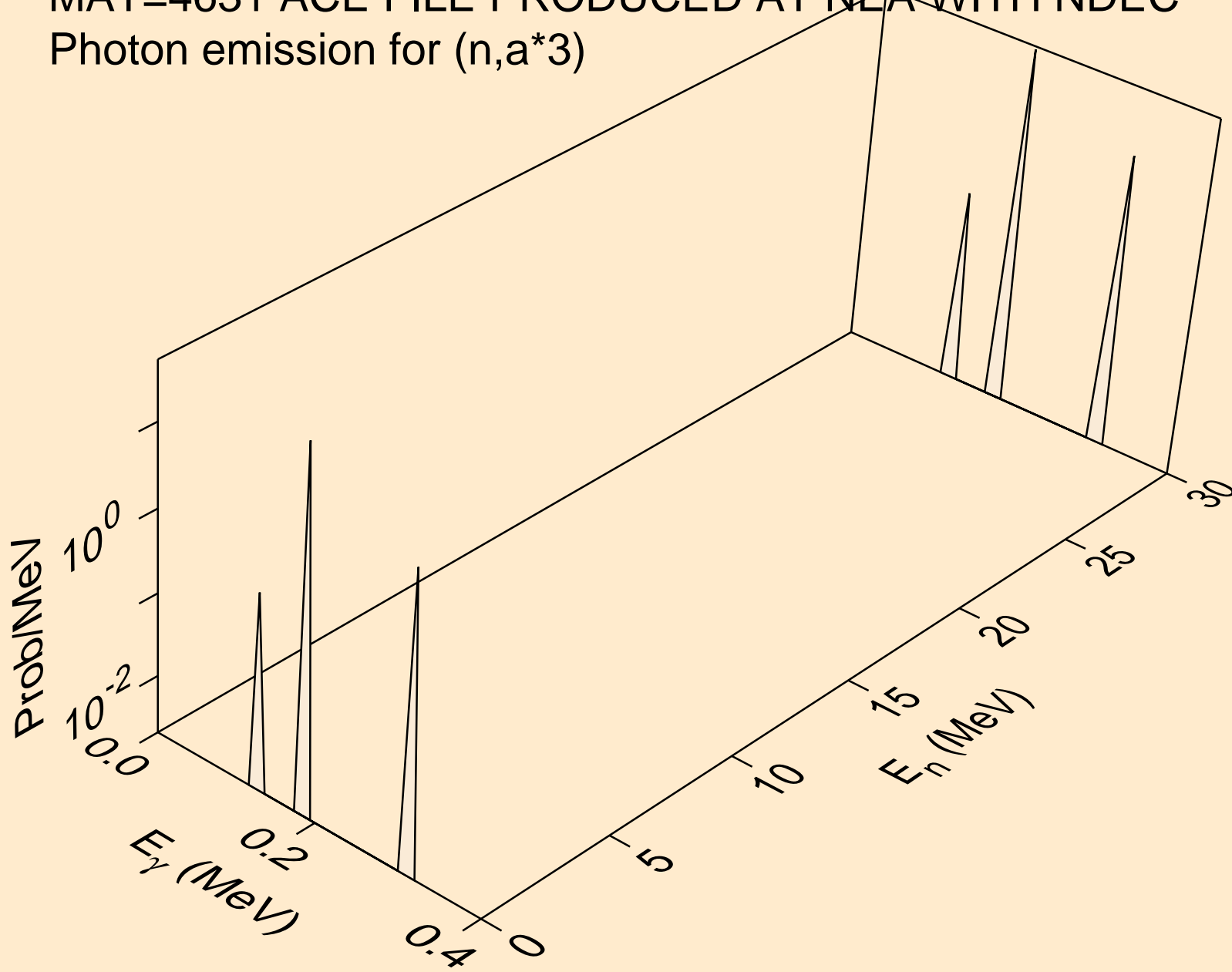
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Photon emission for (n,a*1)



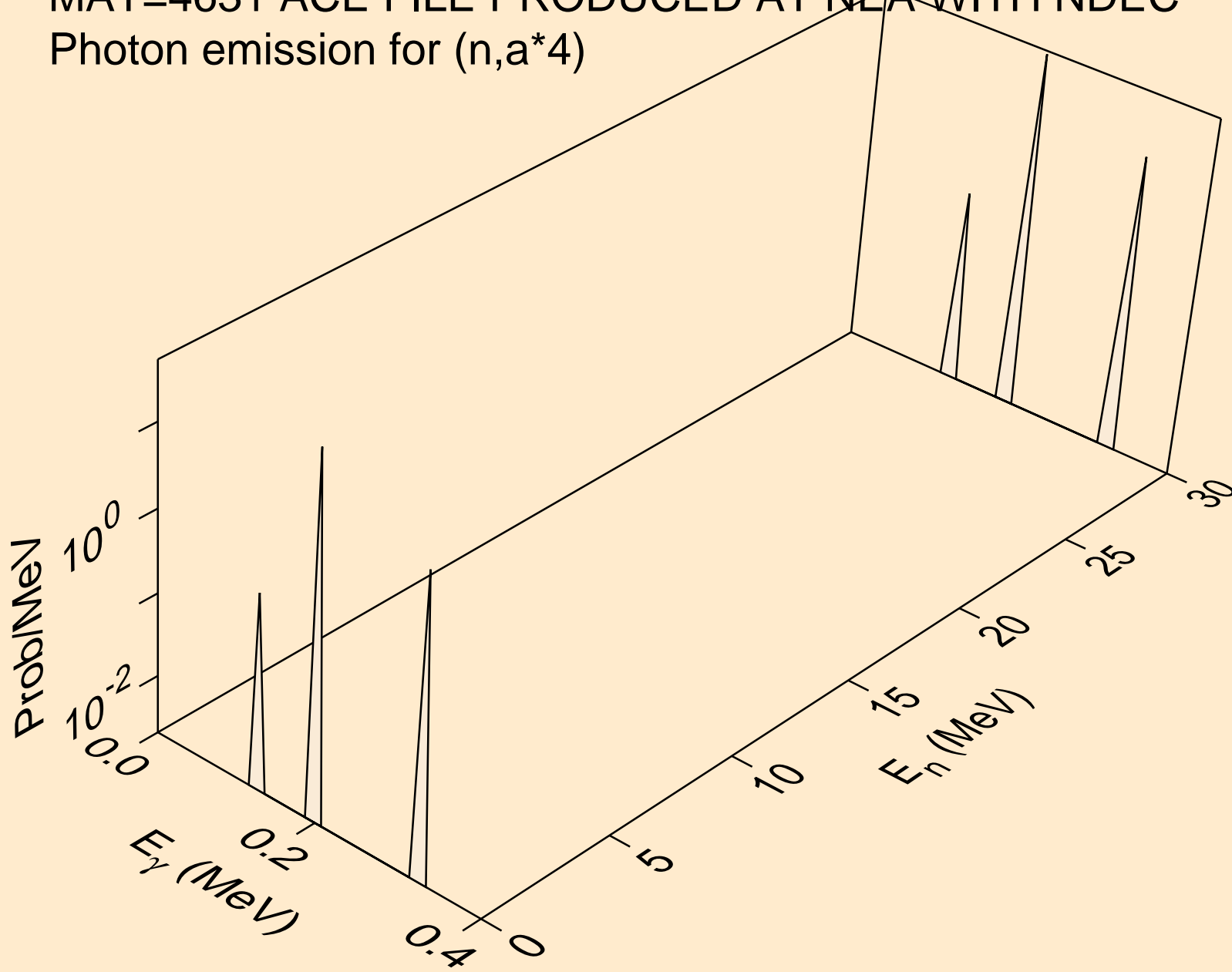
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Photon emission for (n,a*2)



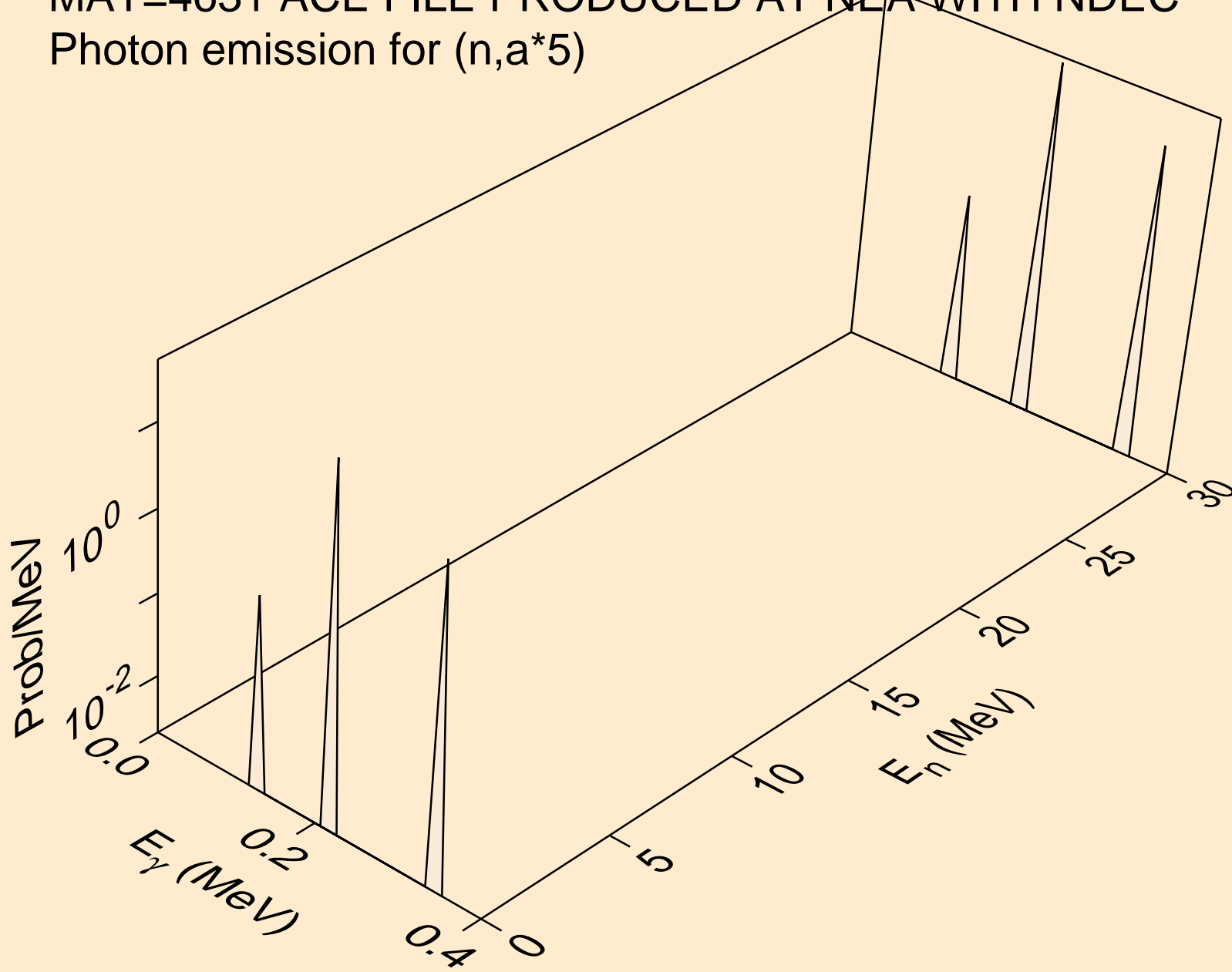
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Photon emission for (n,a*3)



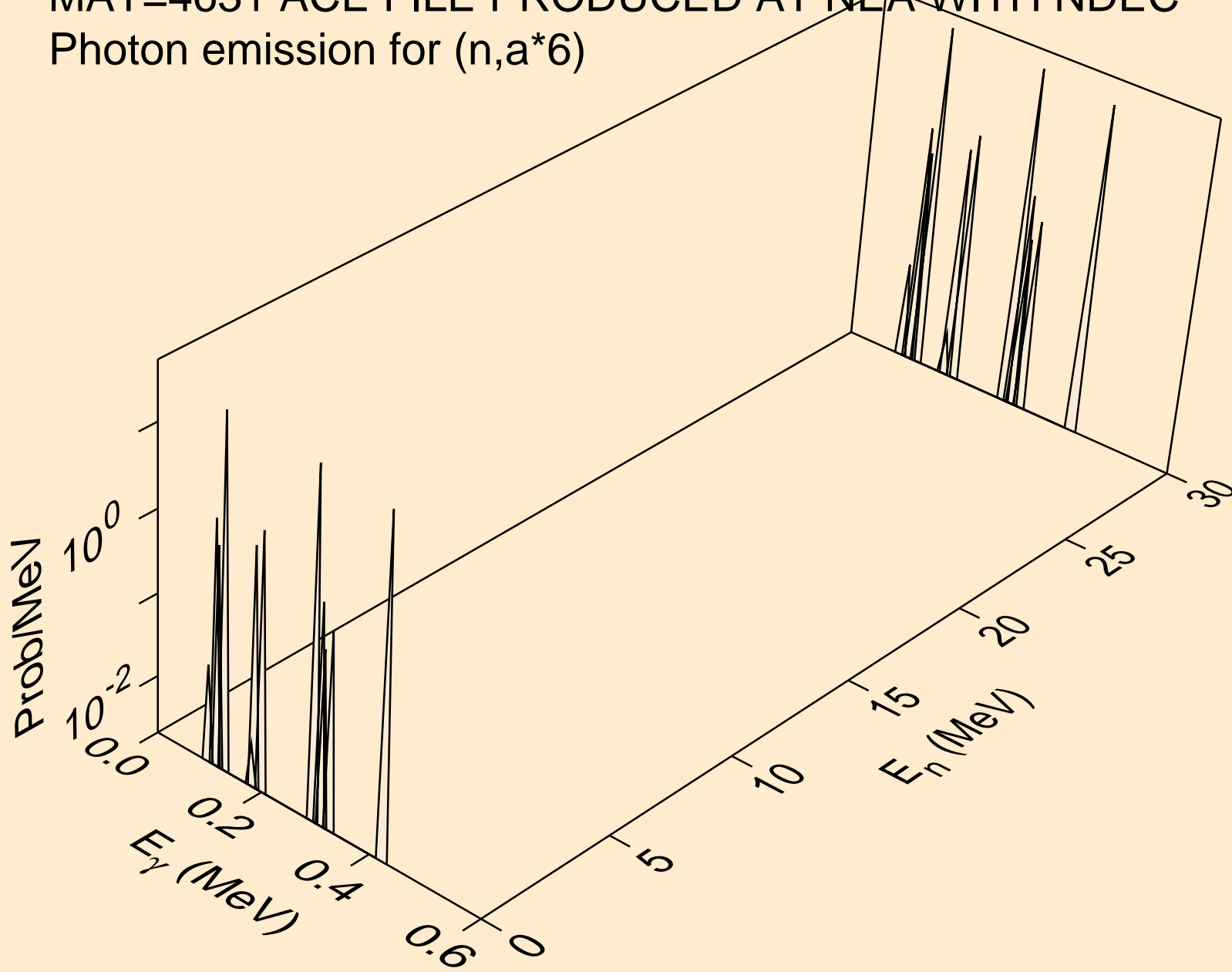
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Photon emission for (n,a*4)



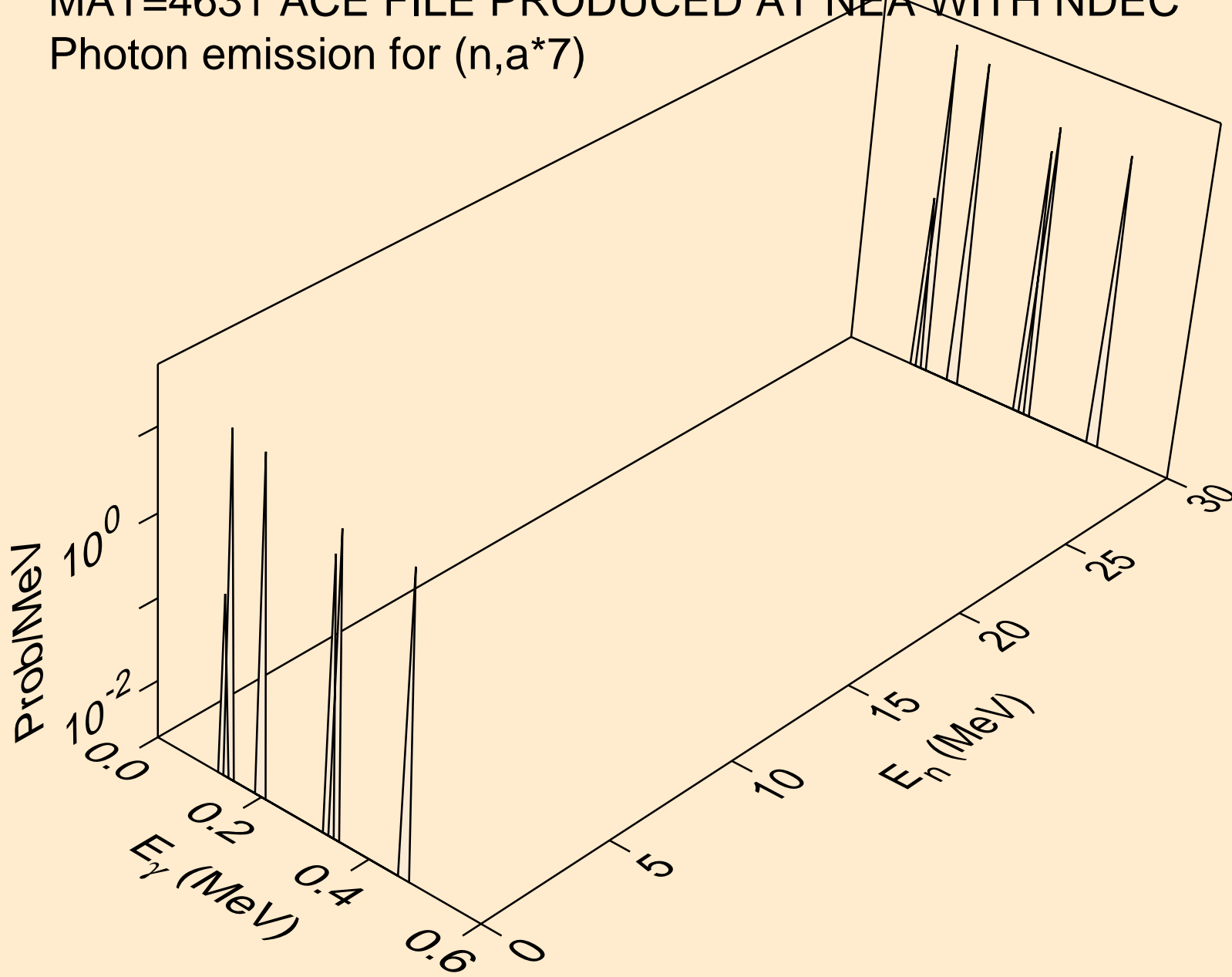
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Photon emission for (n,a*5)



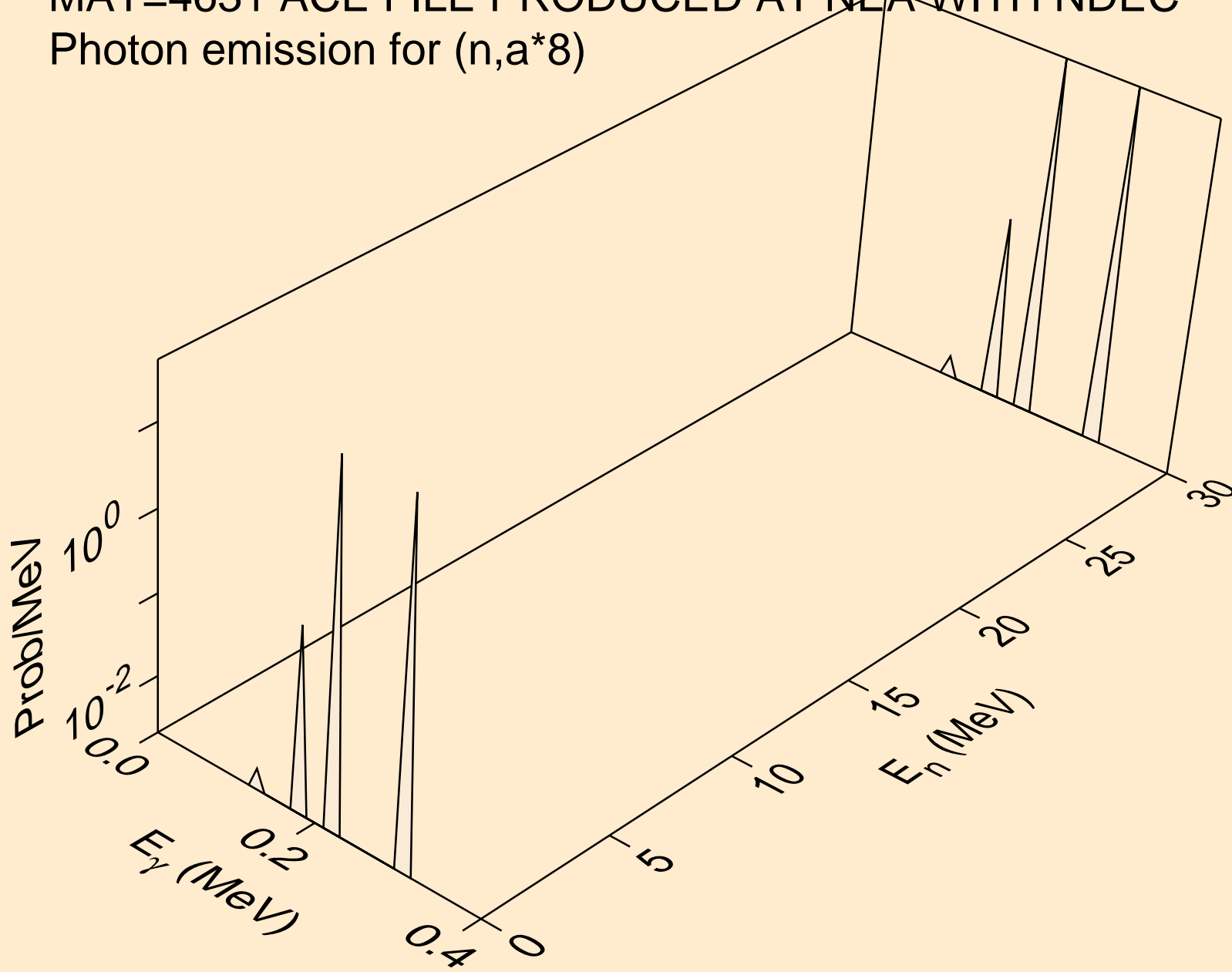
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Photon emission for (n,a*6)



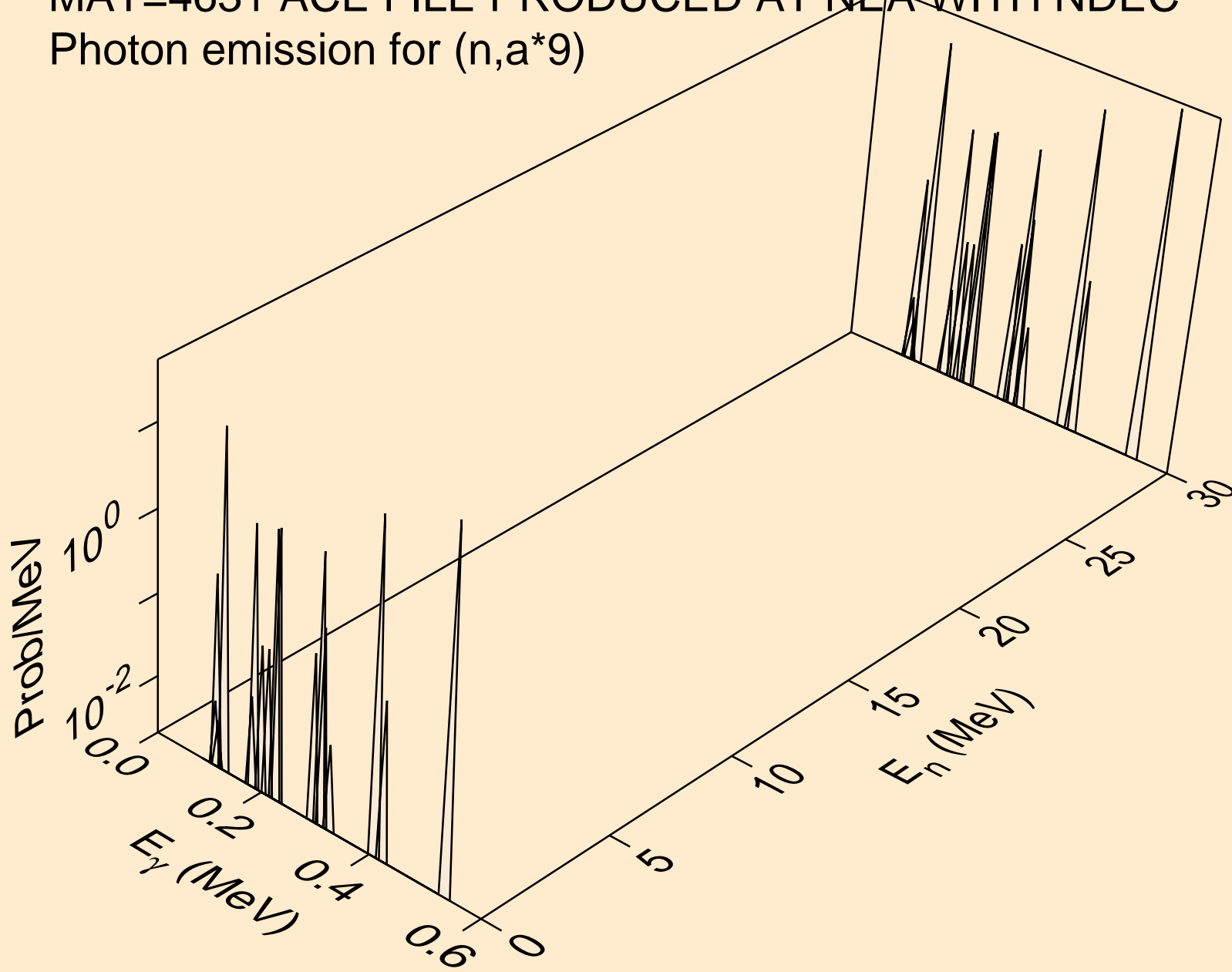
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Photon emission for (n,a*7)



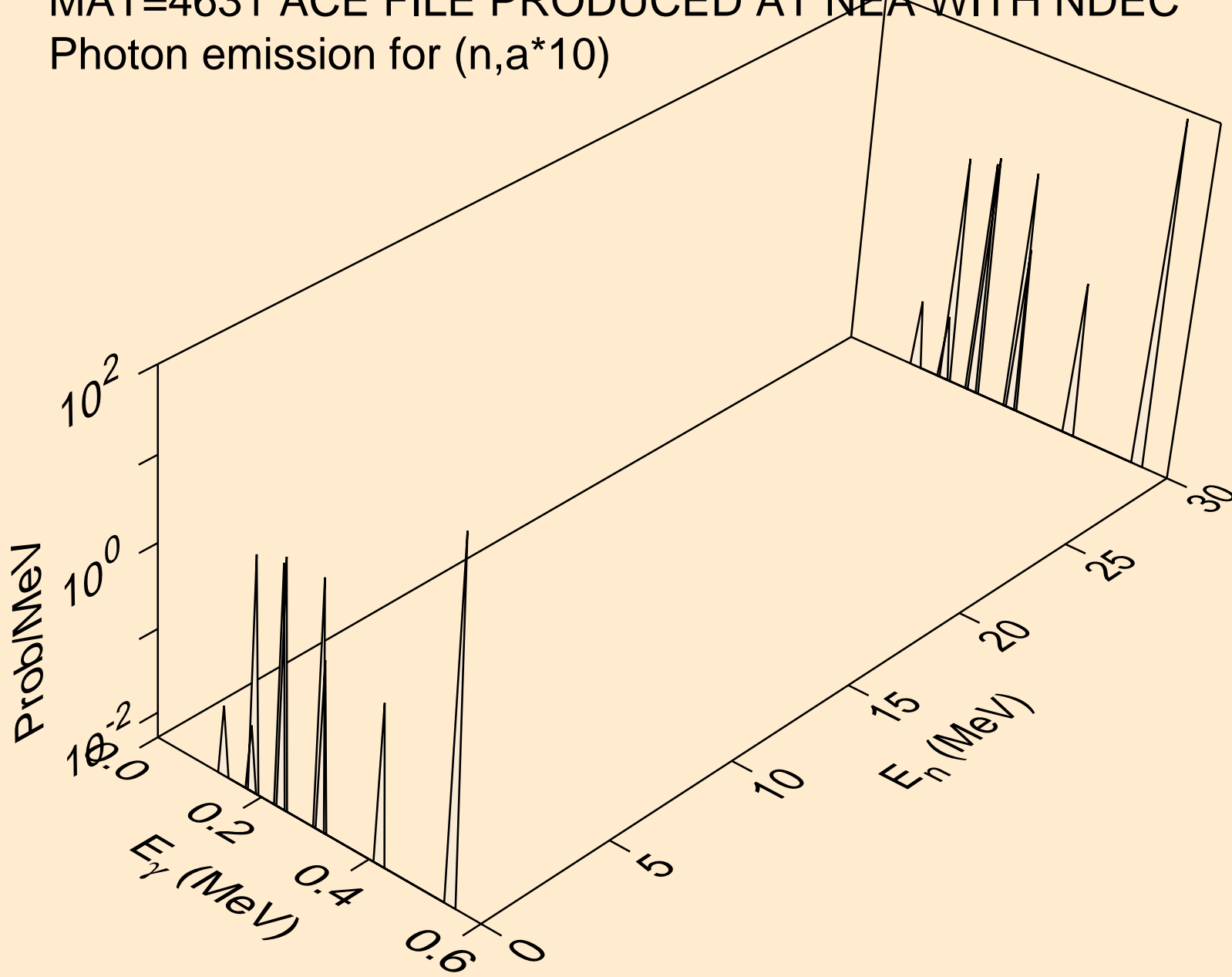
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Photon emission for (n,a*8)



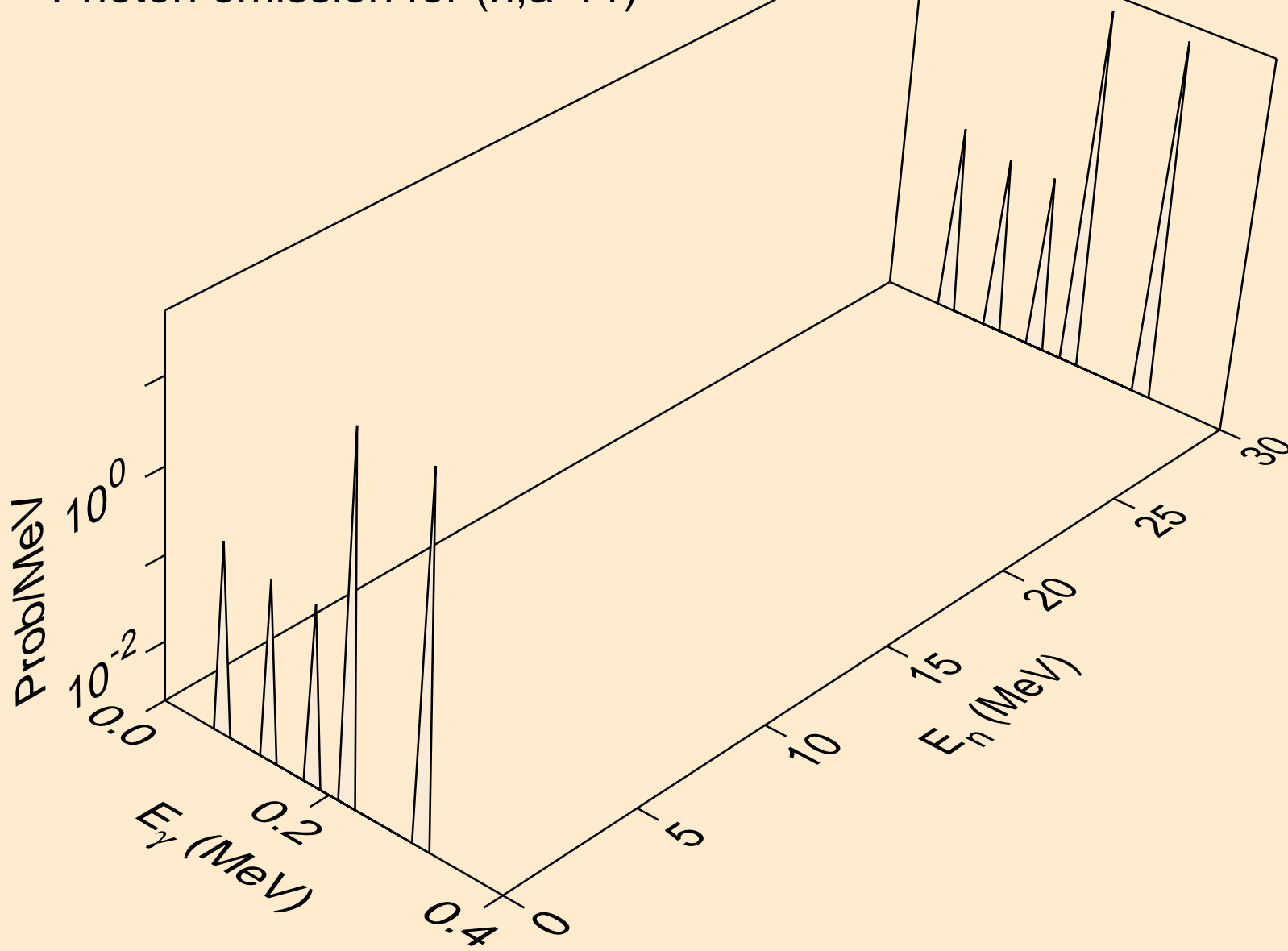
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Photon emission for (n,a*9)



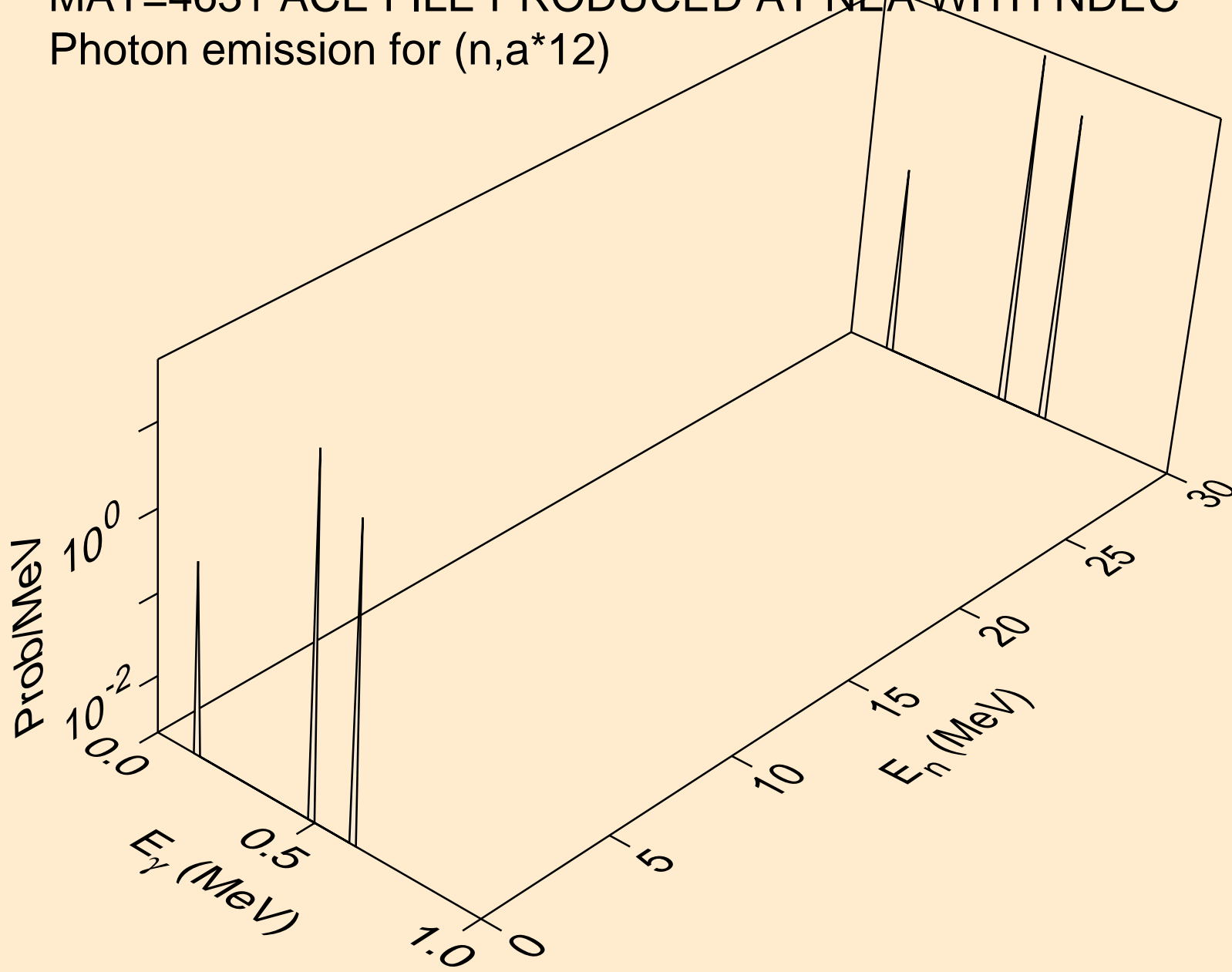
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Photon emission for (n,a*10)



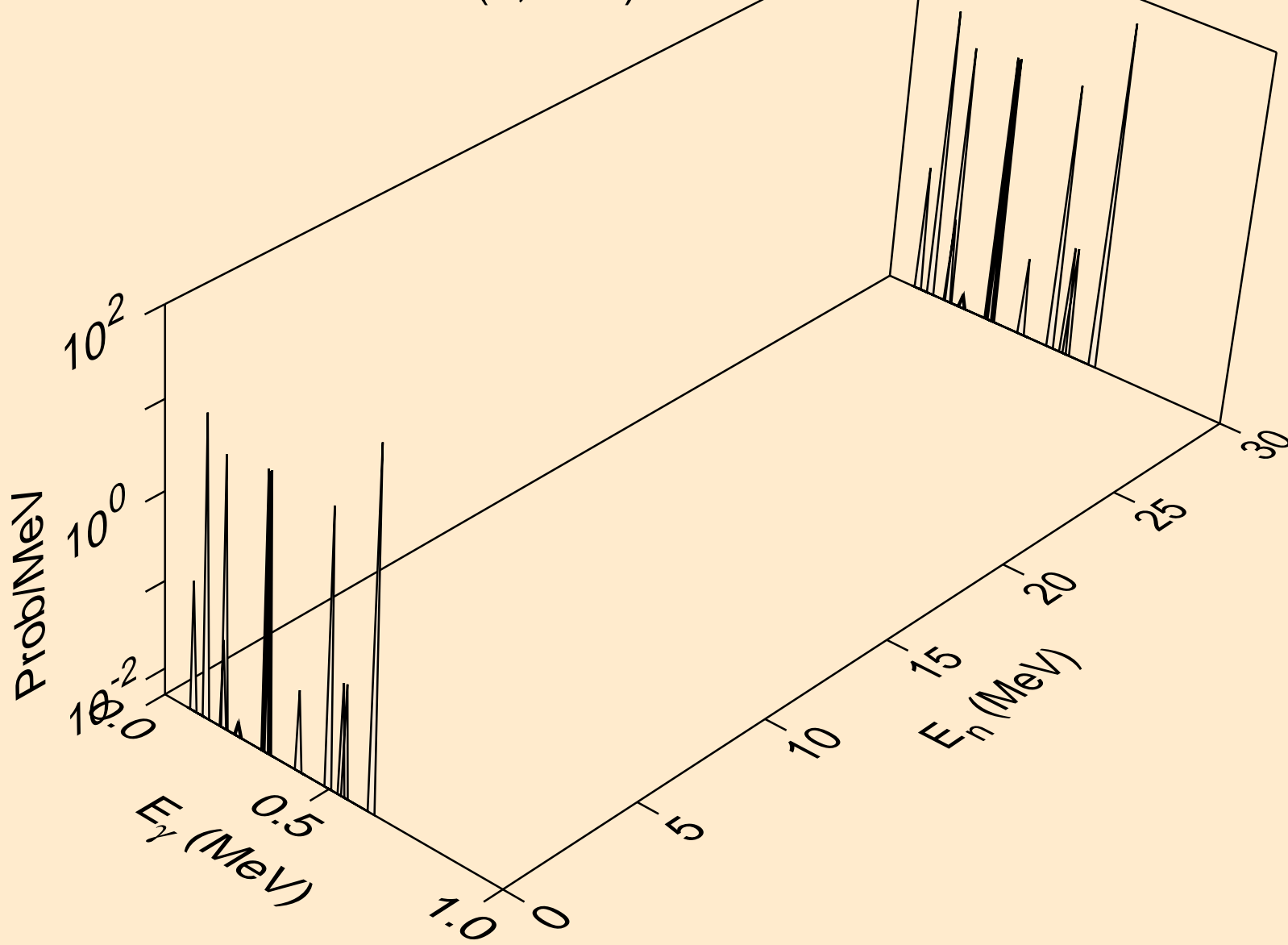
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Photon emission for (n,a*11)



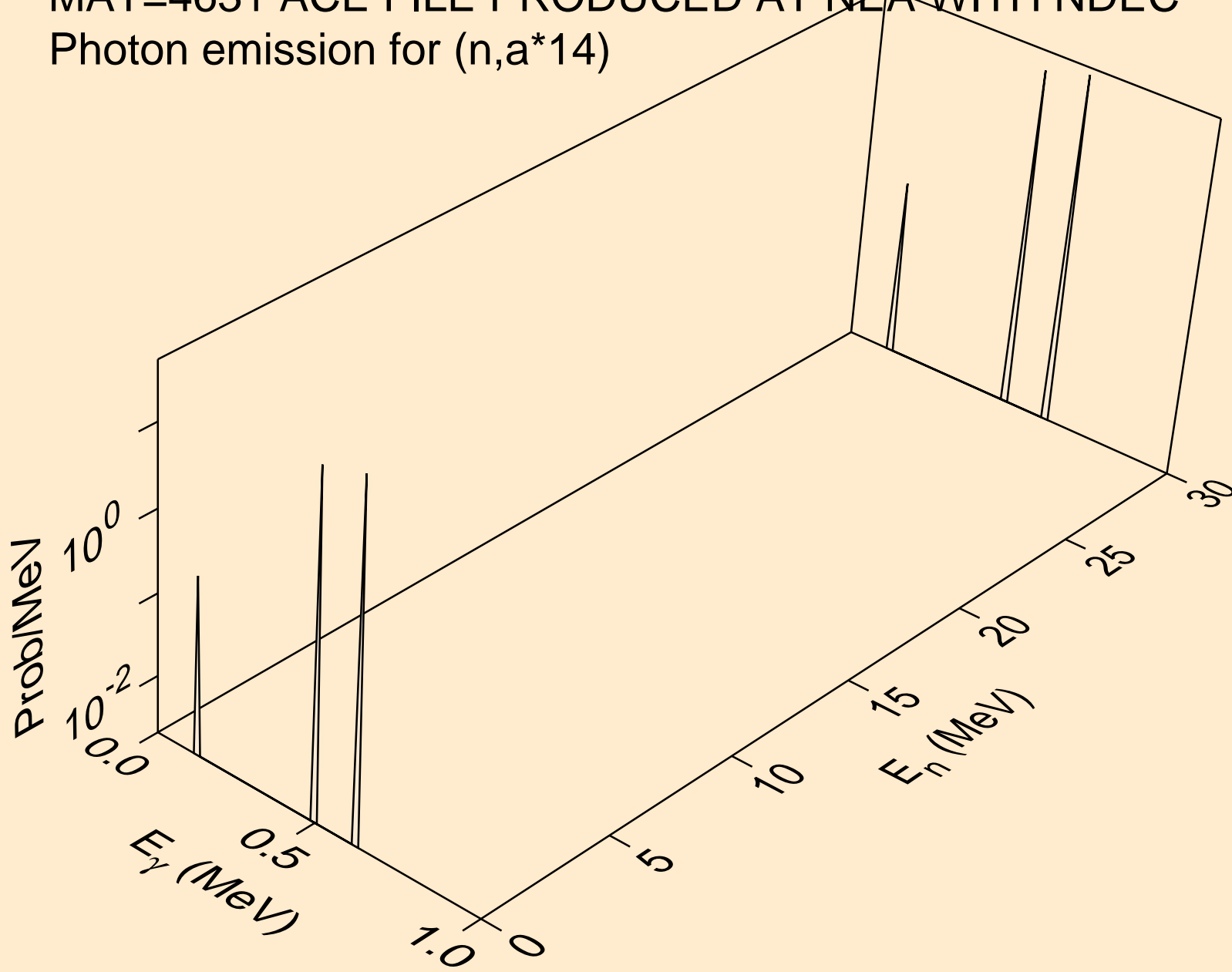
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Photon emission for (n,a*12)



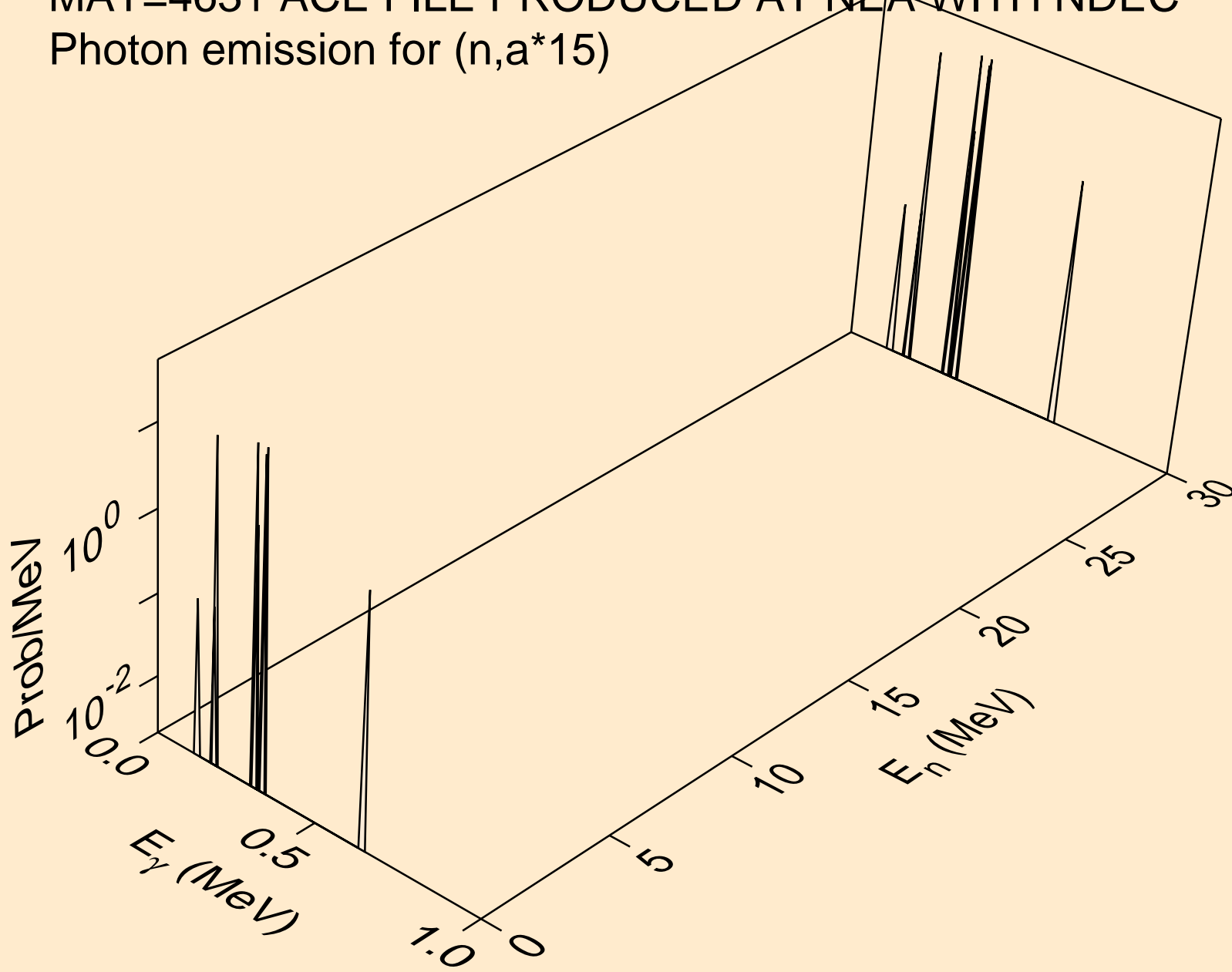
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Photon emission for (n,a*13)



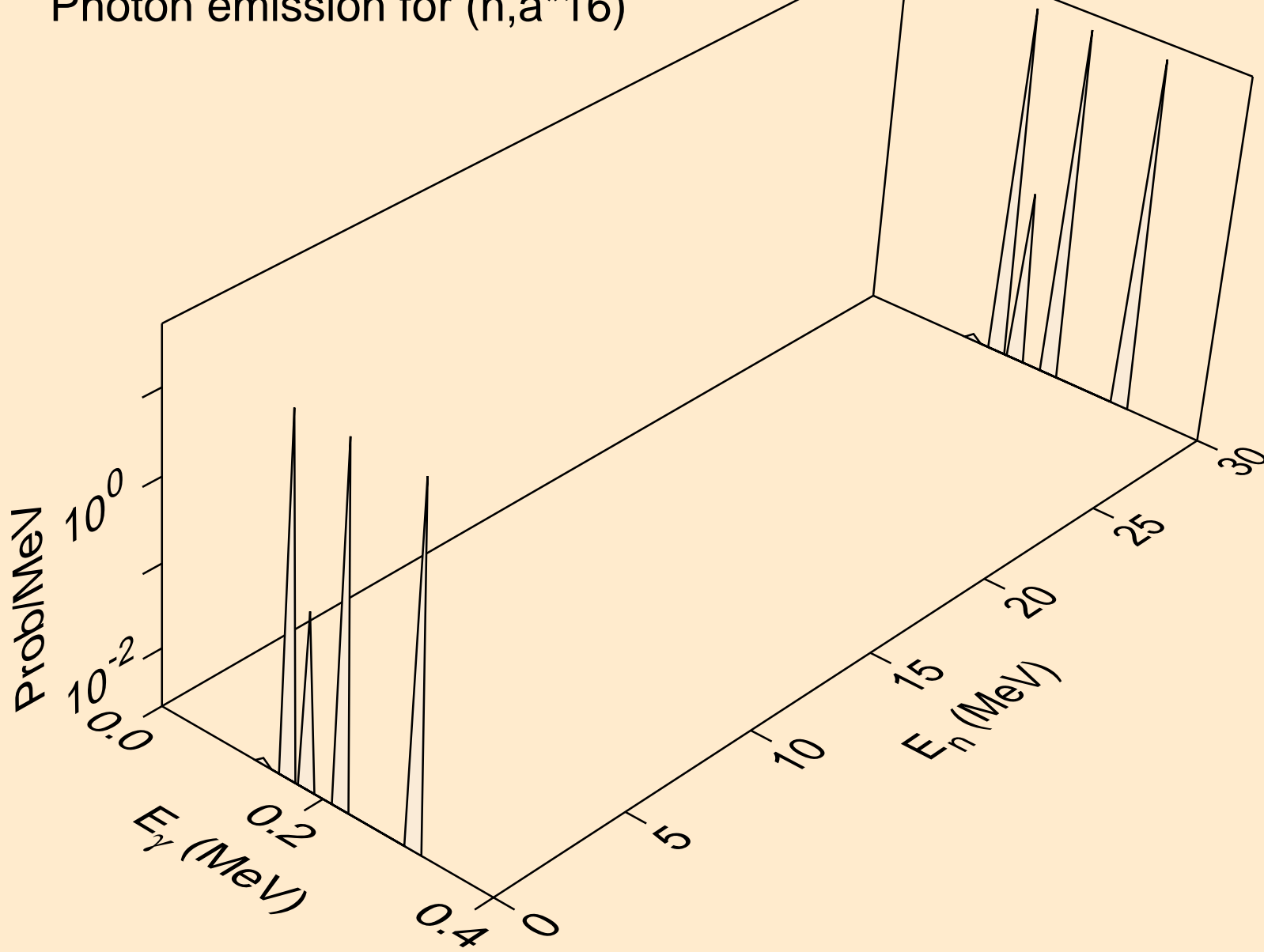
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Photon emission for (n,a*14)



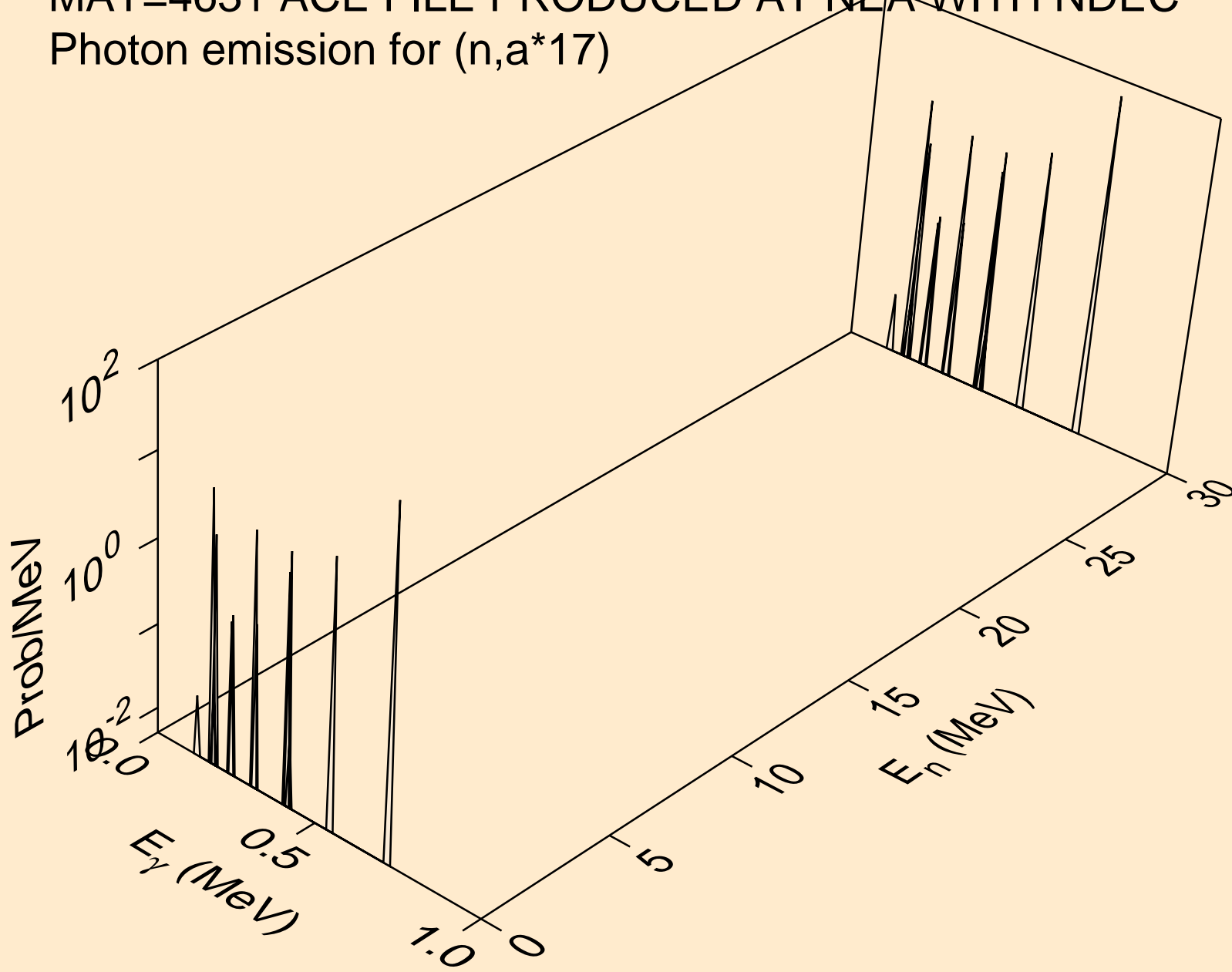
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Photon emission for (n,a*15)



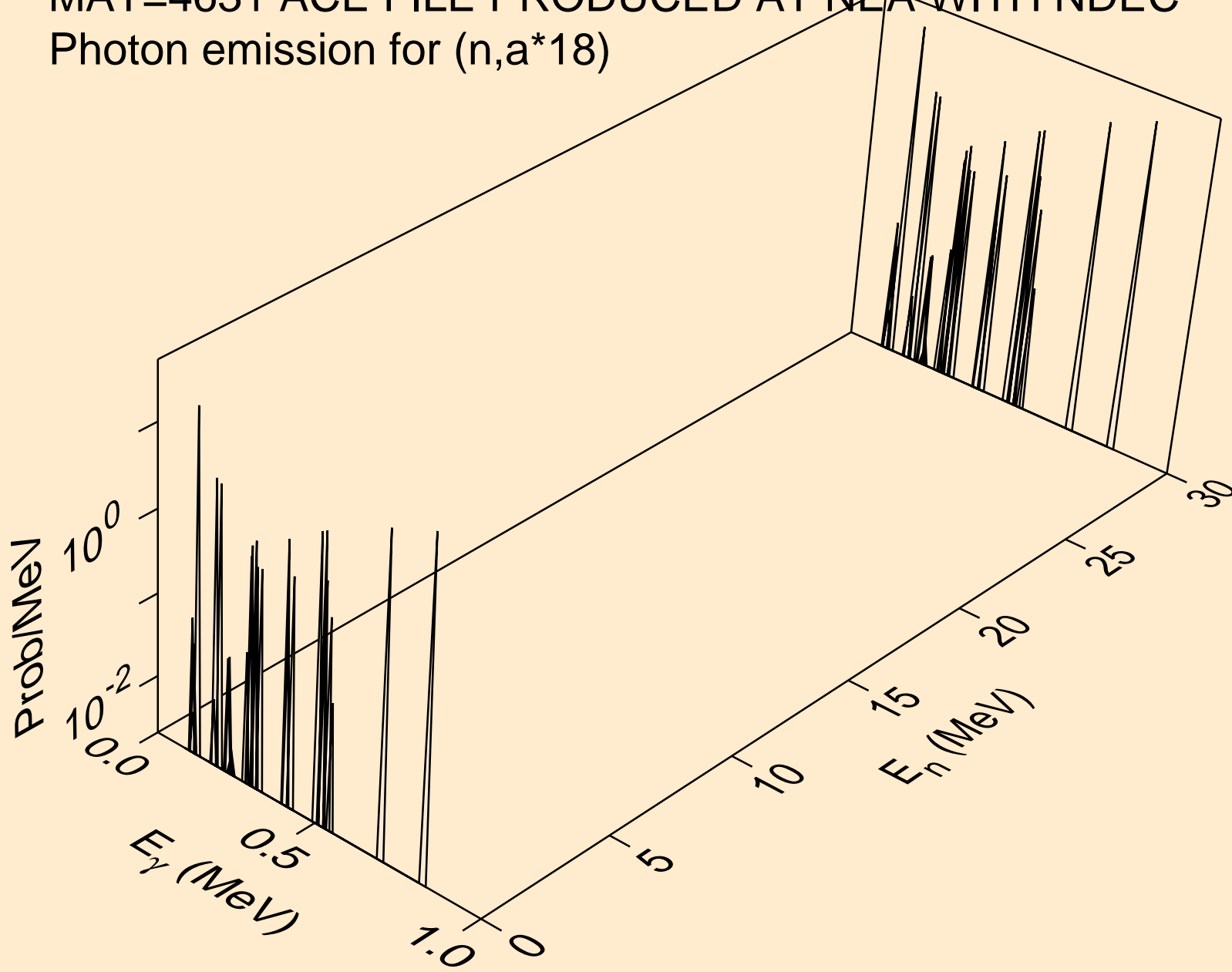
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Photon emission for (n,a*16)



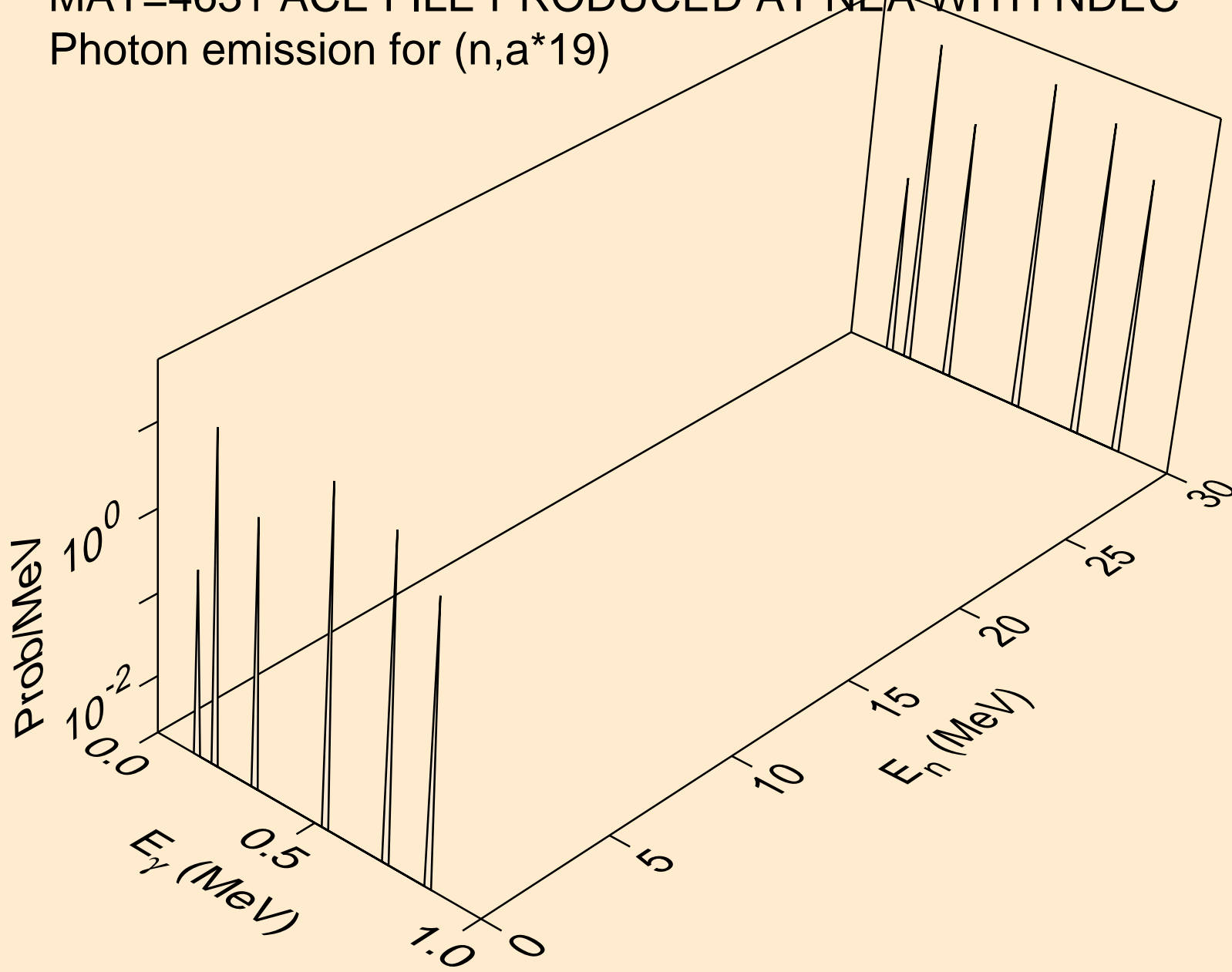
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Photon emission for (n,a*17)



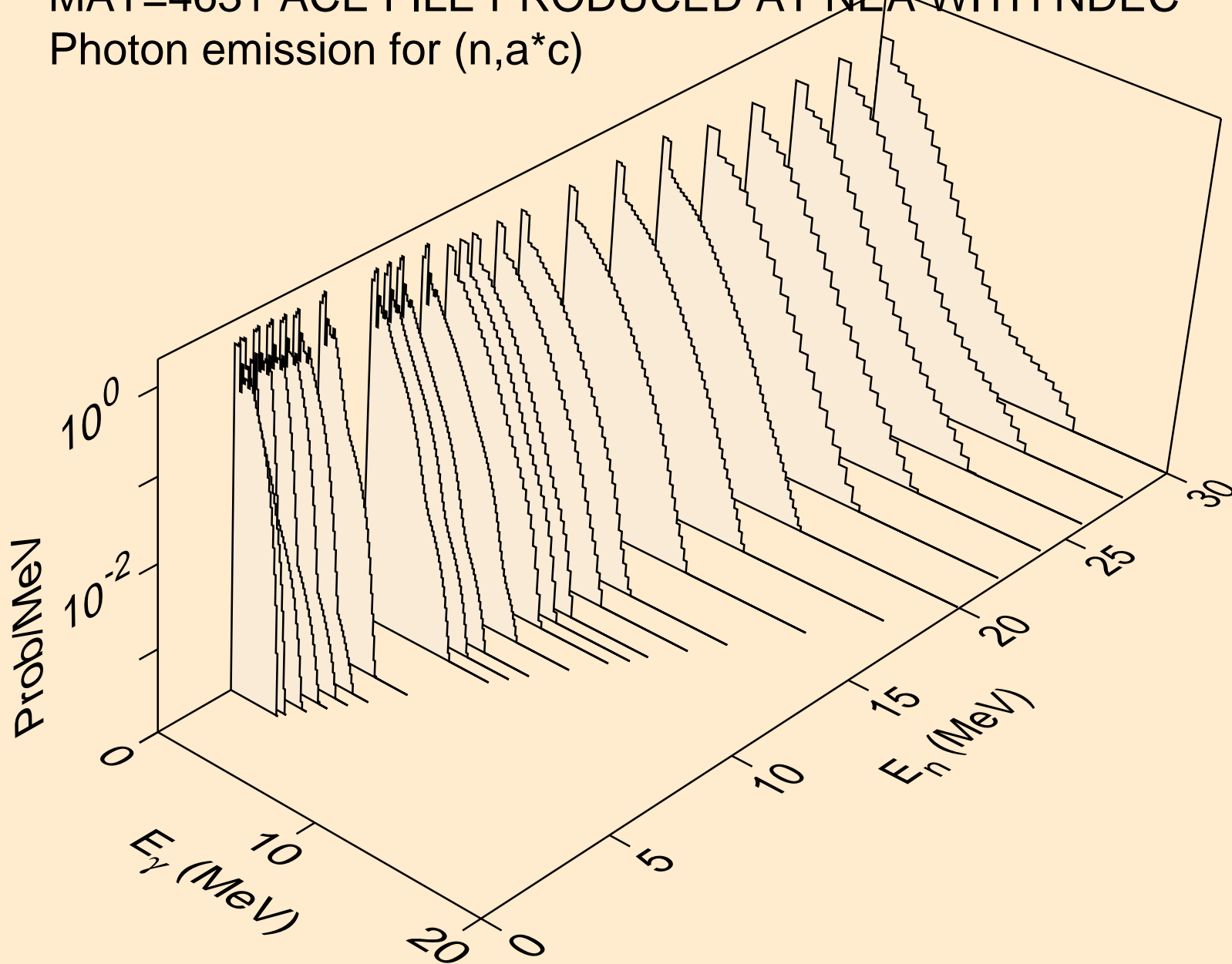
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Photon emission for (n,a*18)



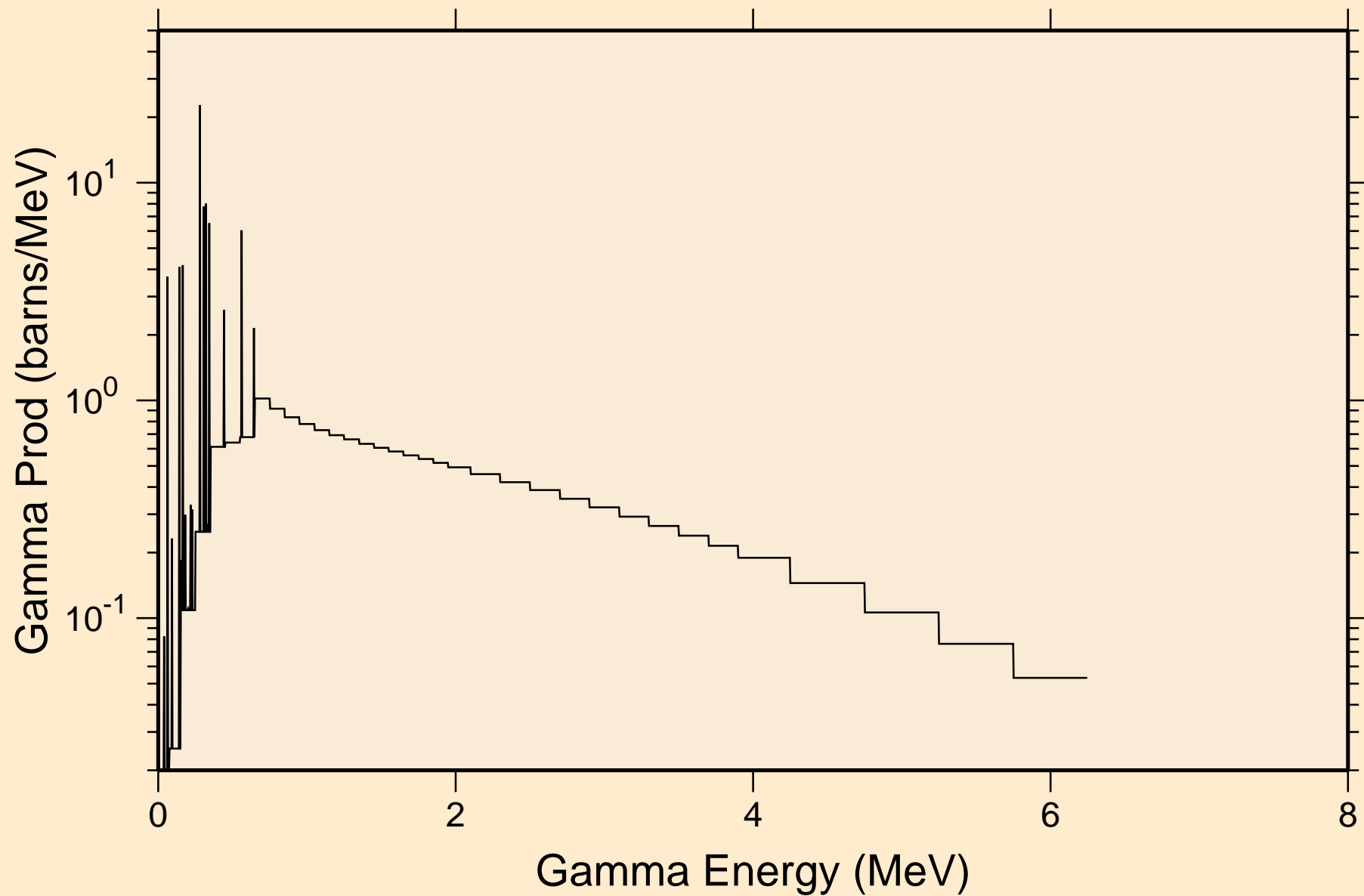
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Photon emission for (n,a*19)



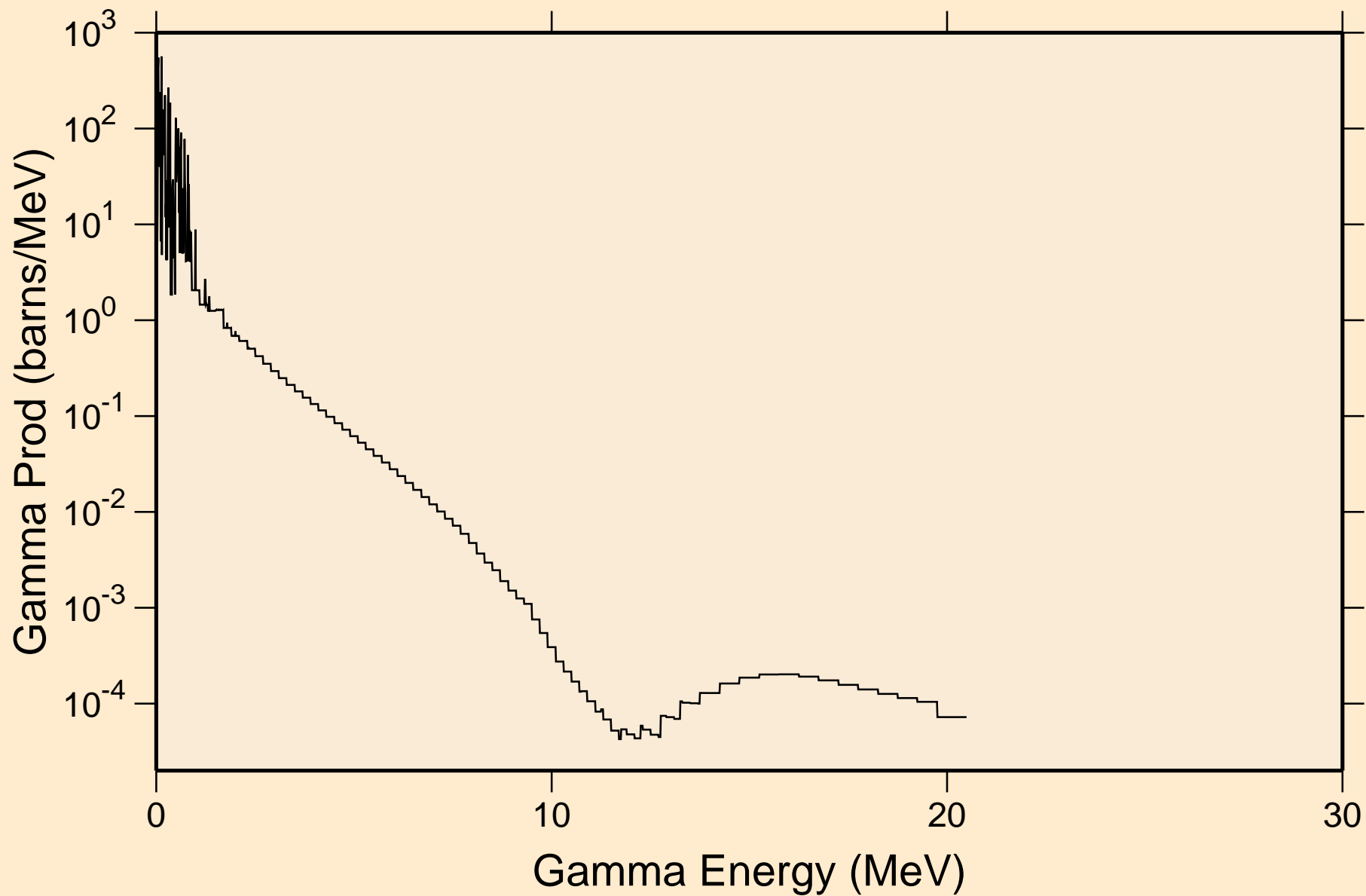
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Photon emission for (n,a*c)



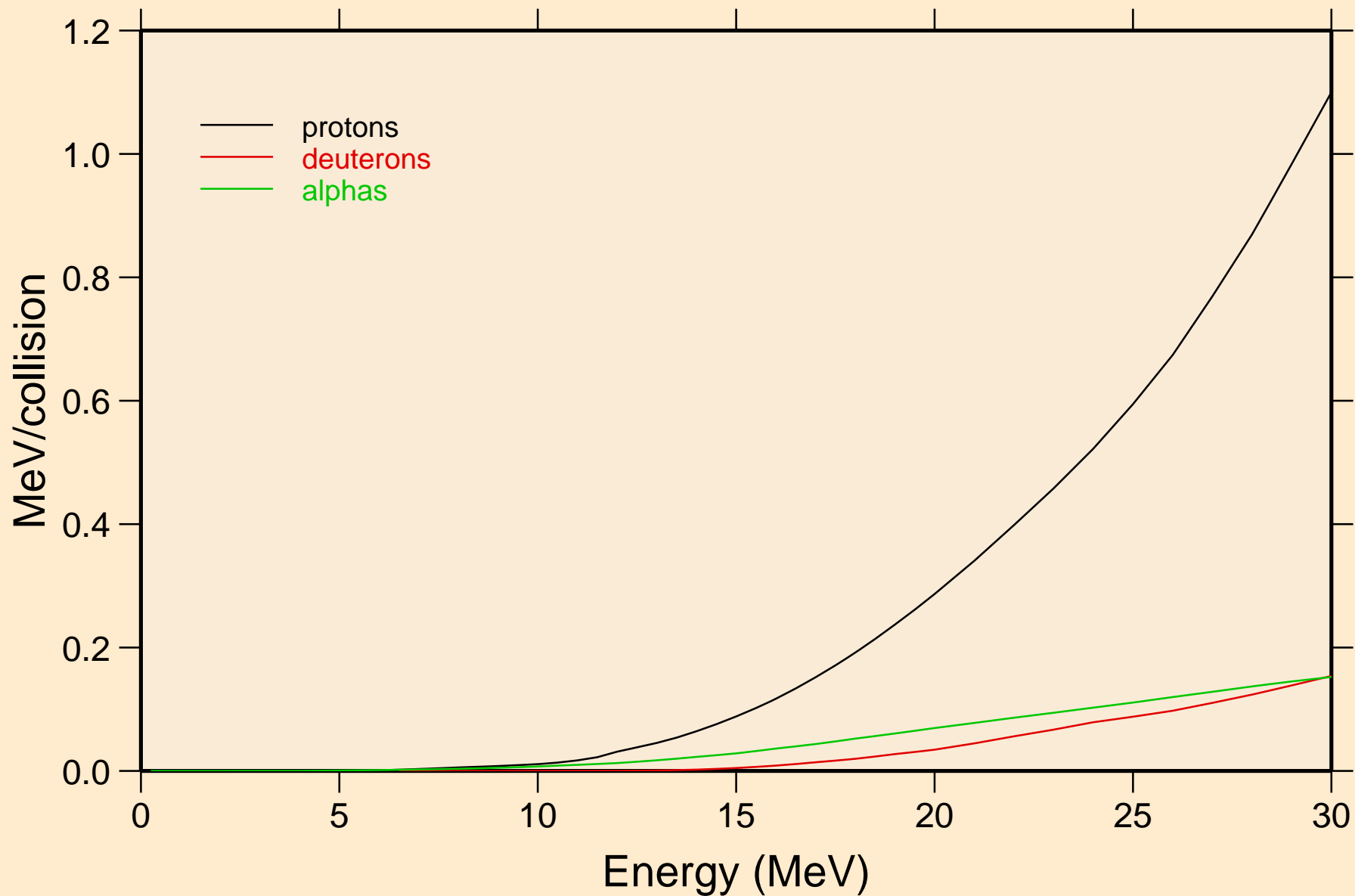
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thermal capture photon spectrum



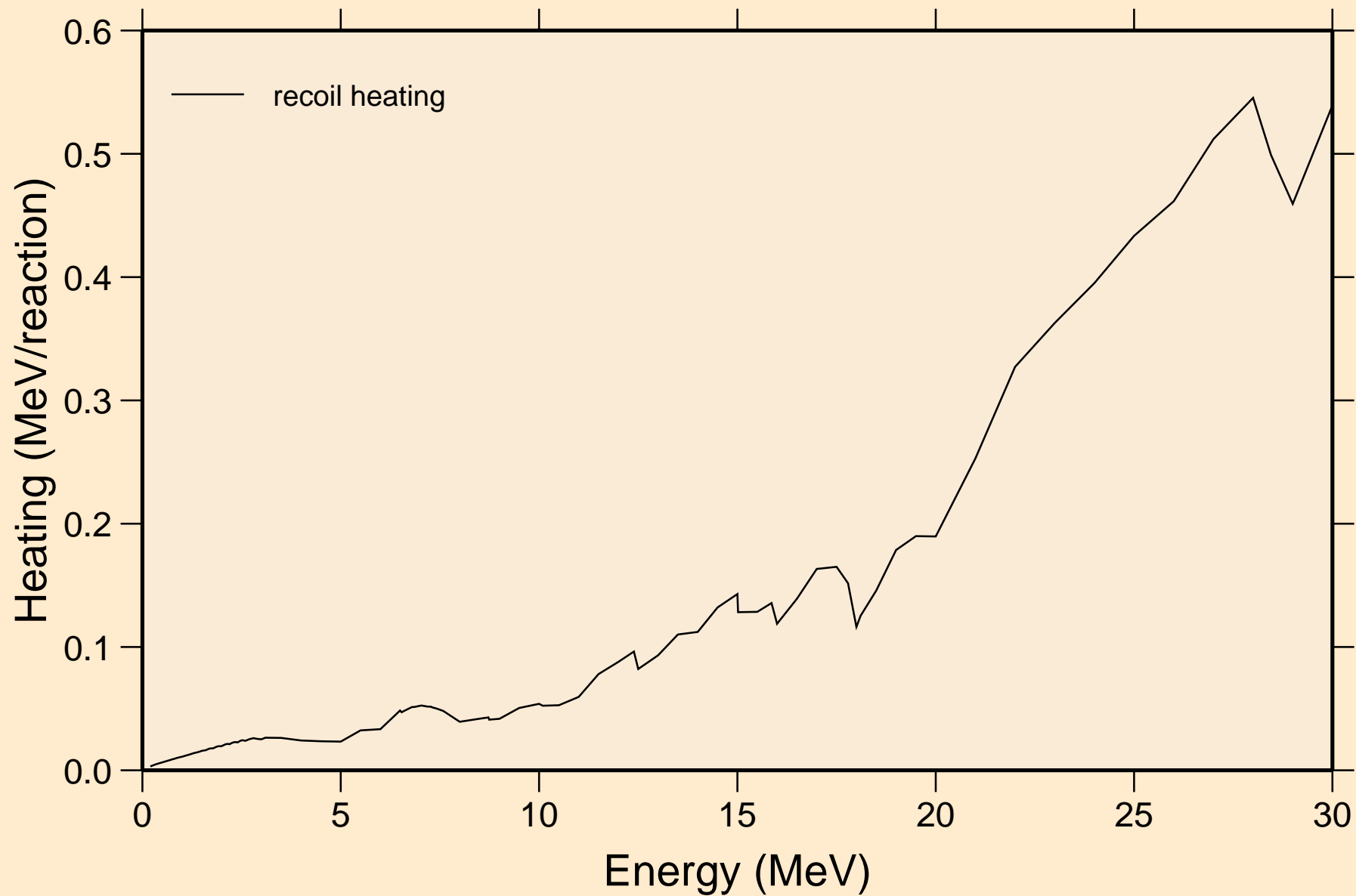
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14 MeV photon spectrum



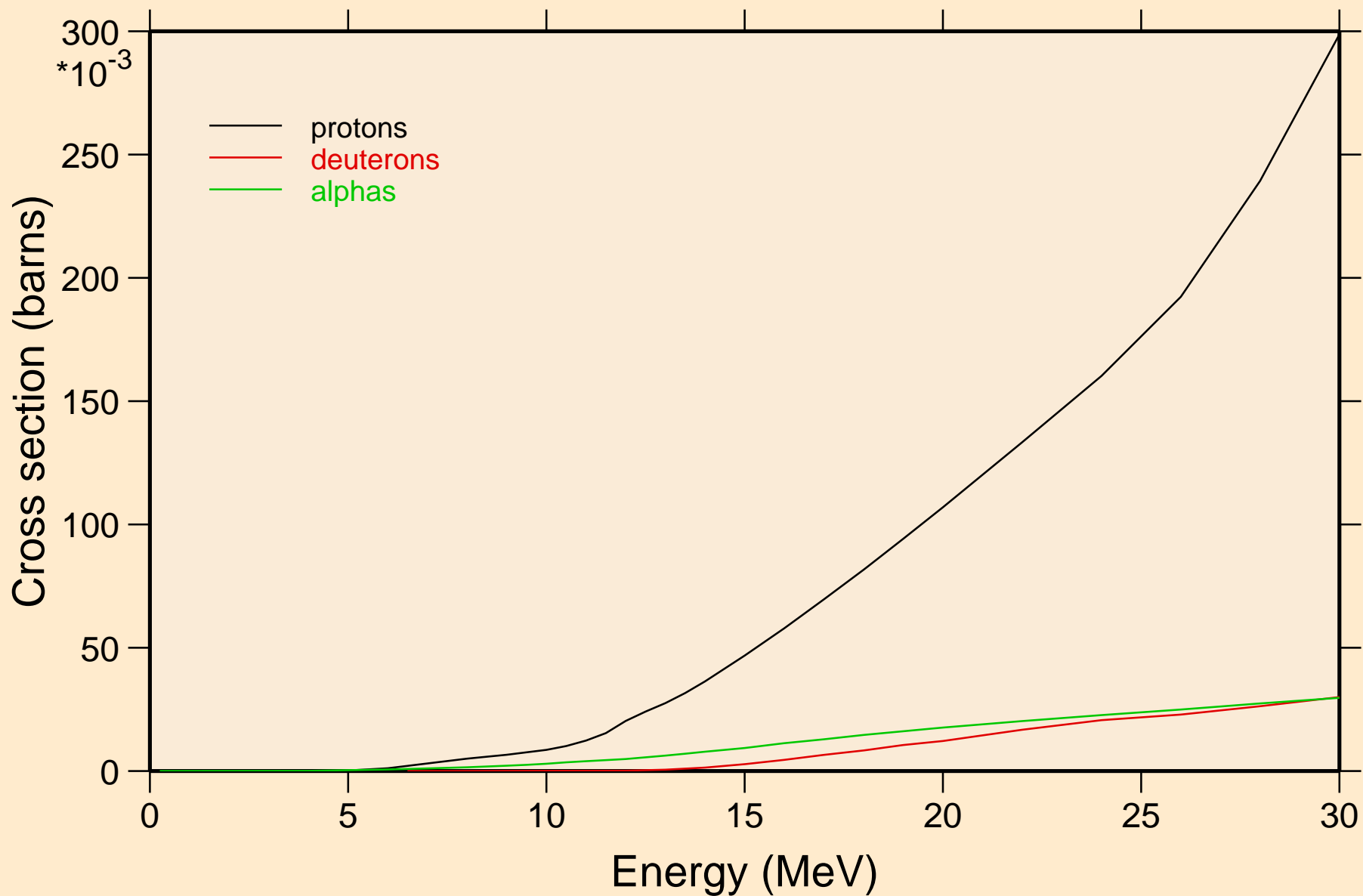
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Particle heating contributions



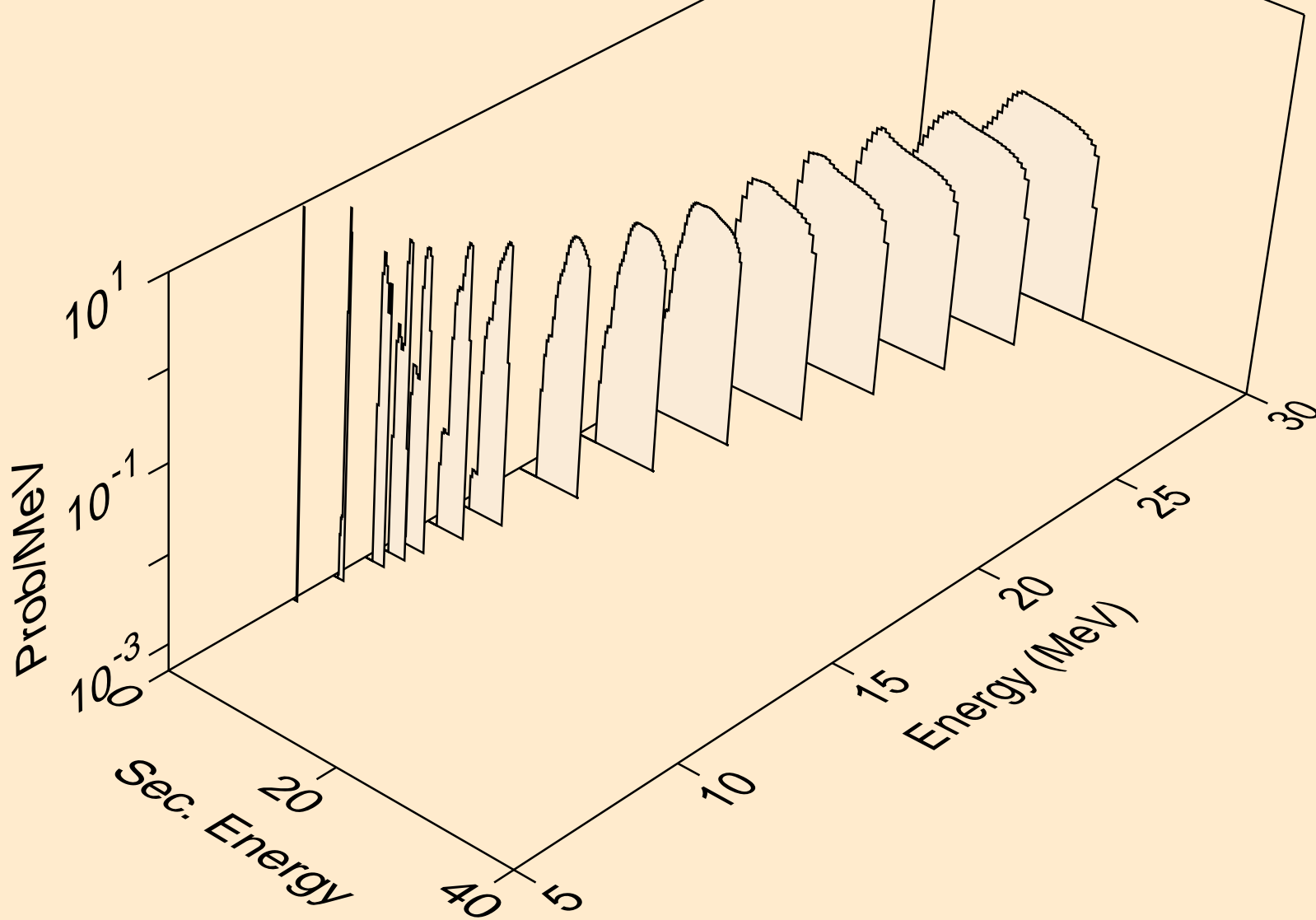
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Recoil Heating



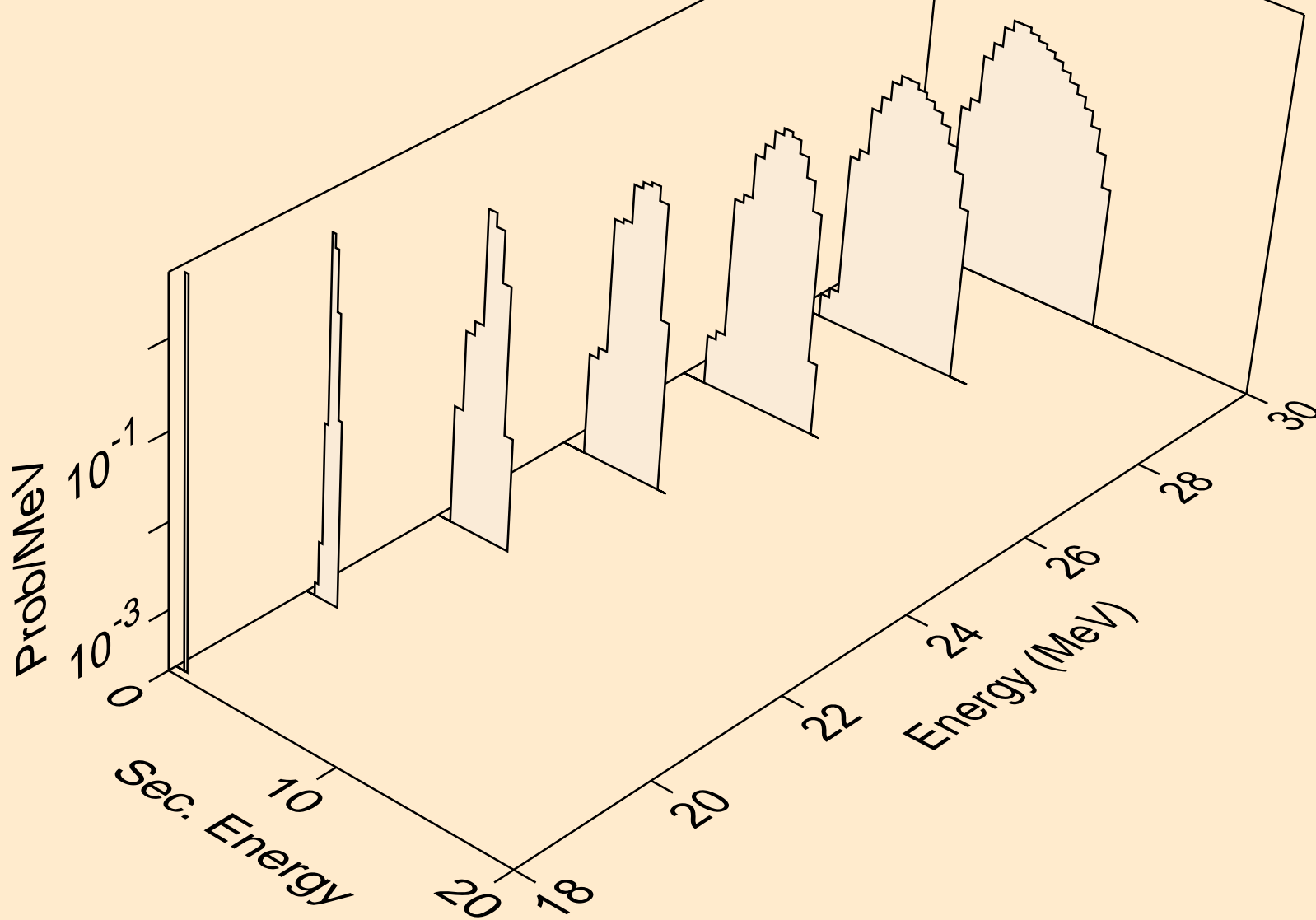
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Particle production cross sections



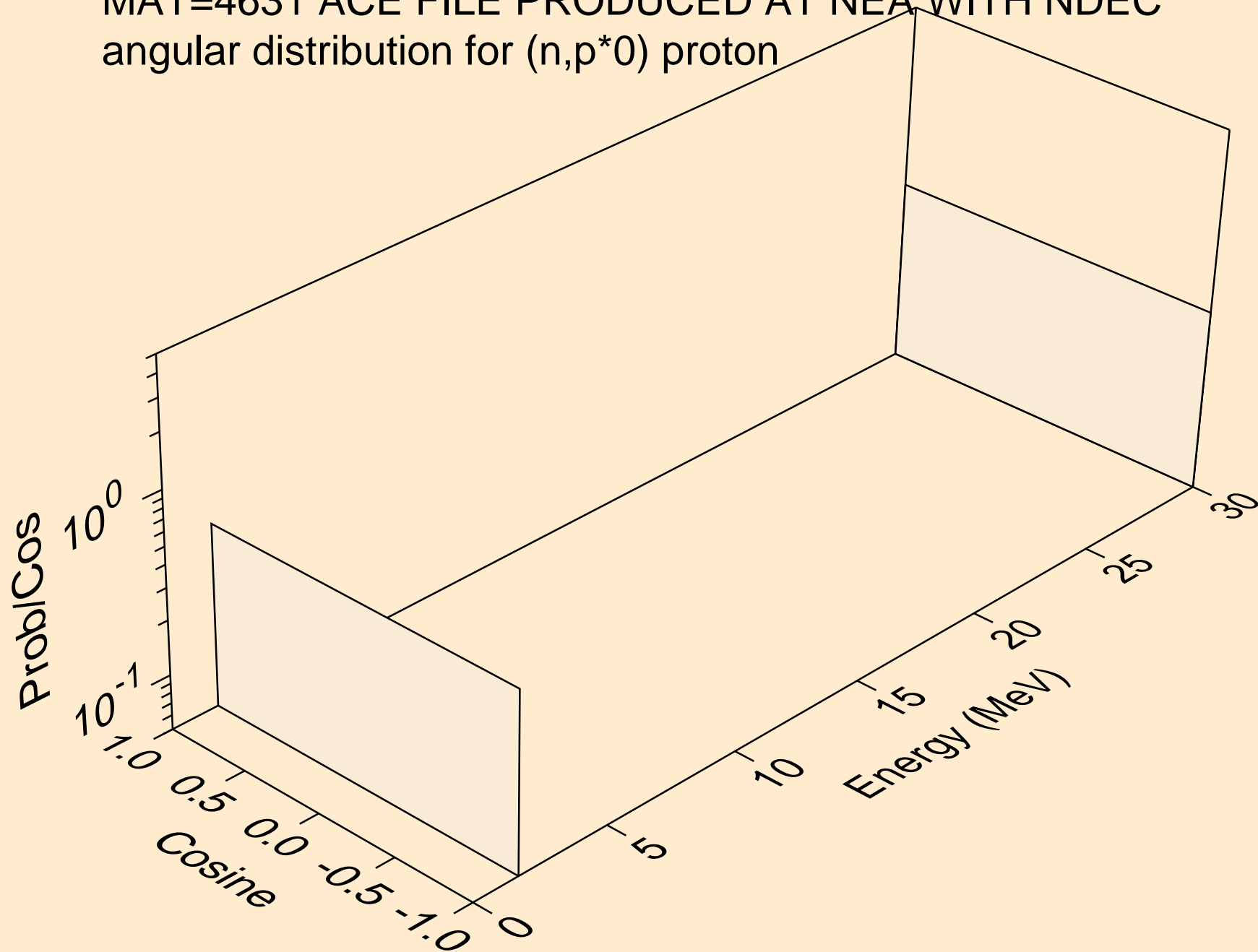
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protons from (n,n*)p



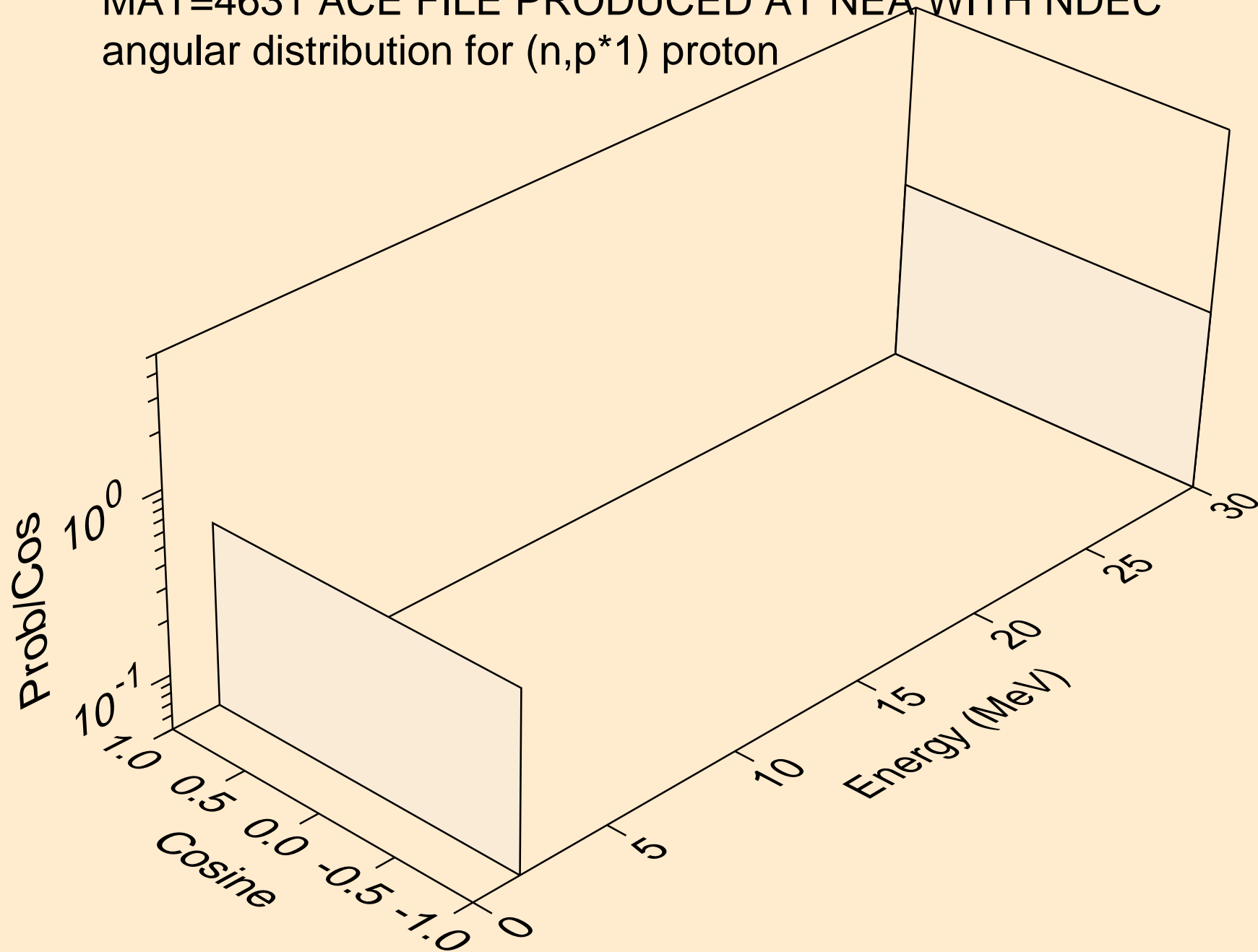
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protons from (n,2np)



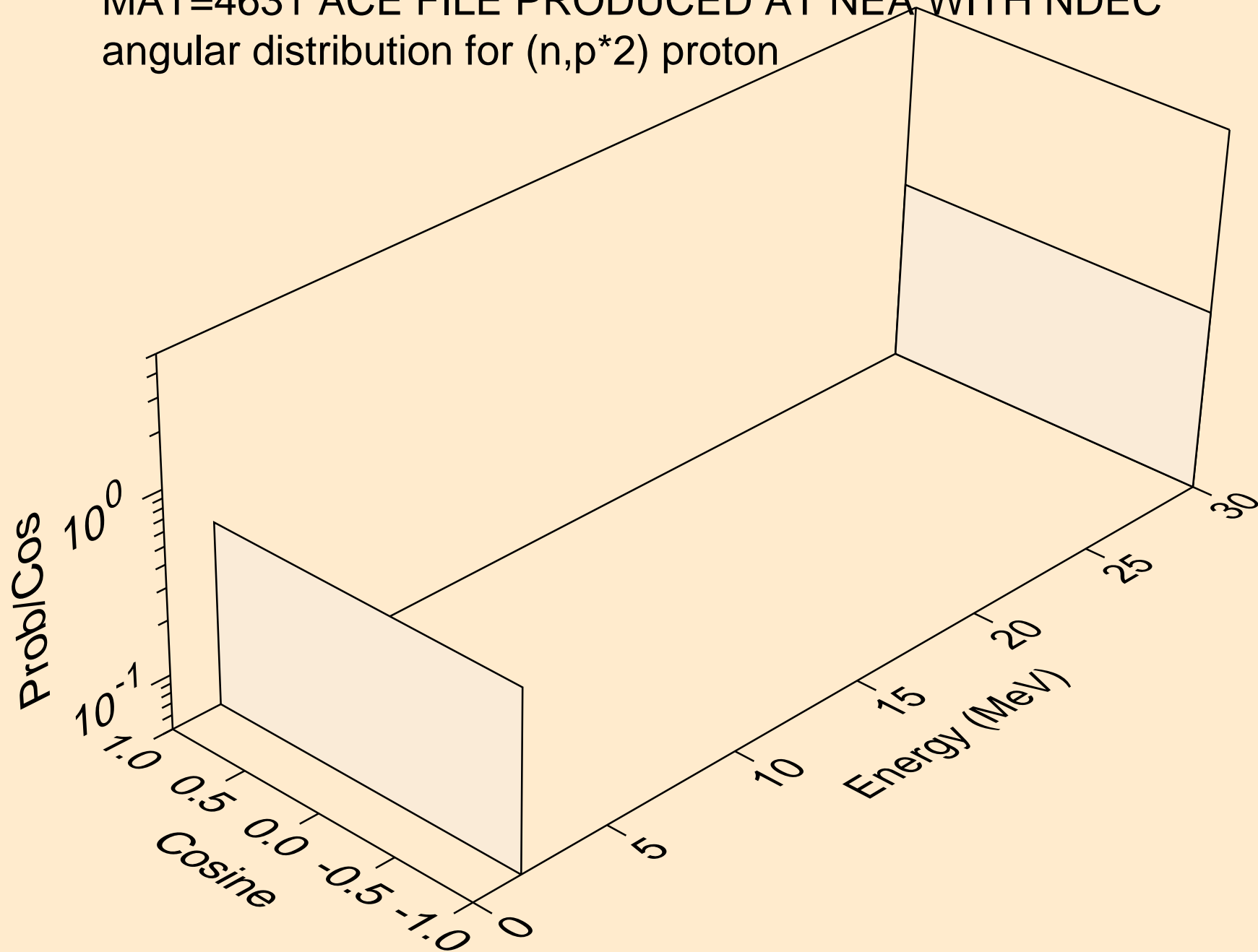
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angular distribution for (n,p*0) proton



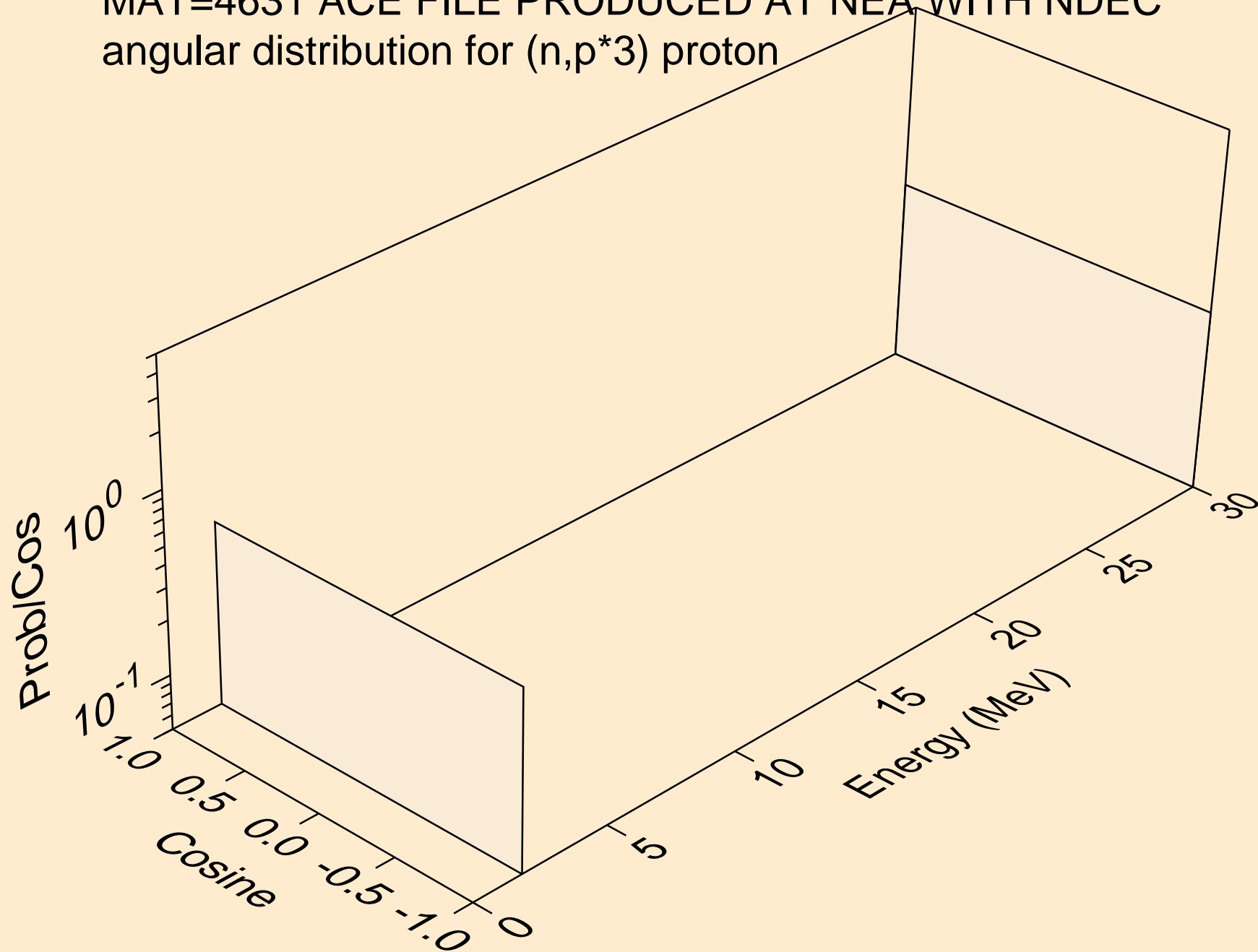
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angular distribution for (n,p*1) proton



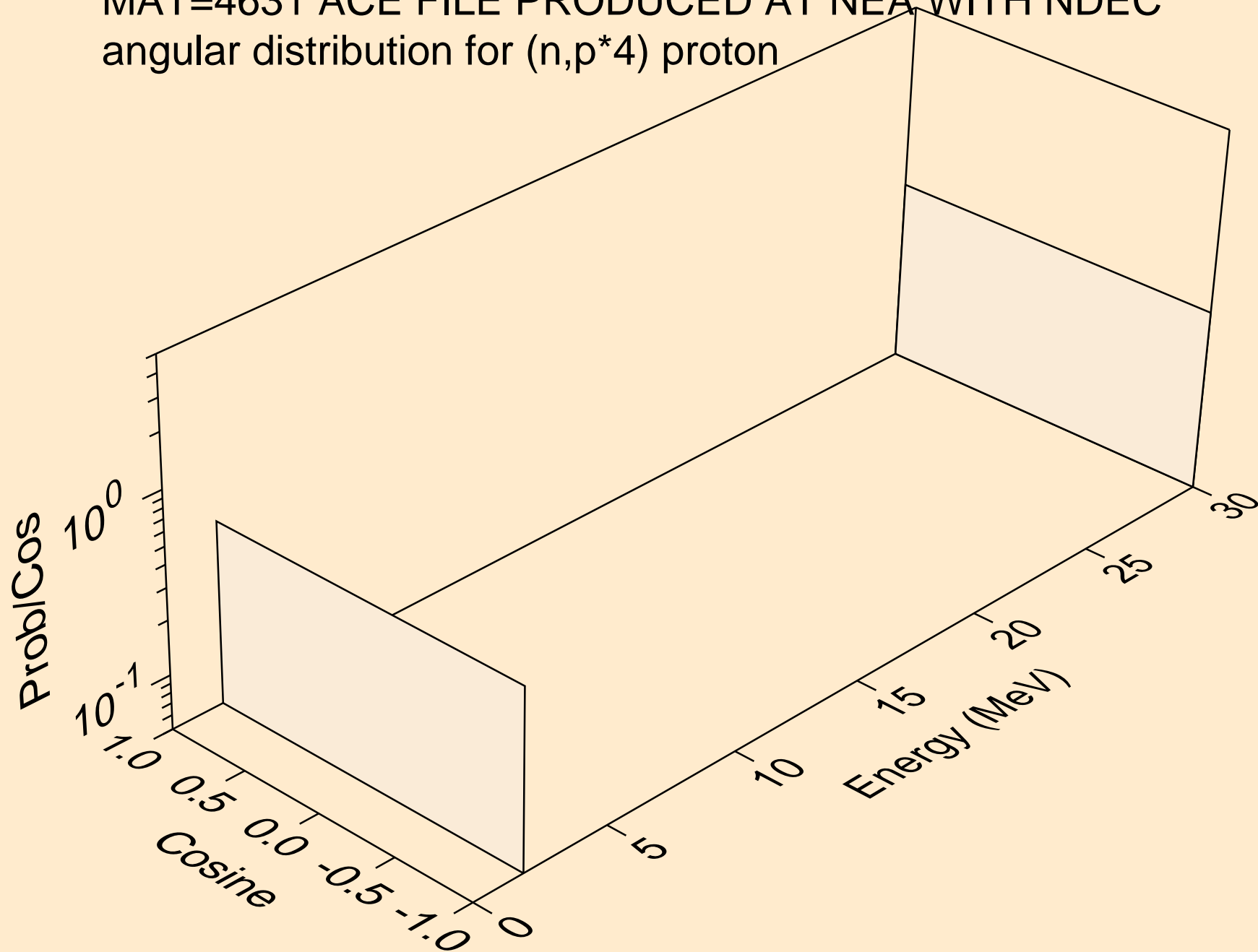
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angular distribution for (n,p*2) proton



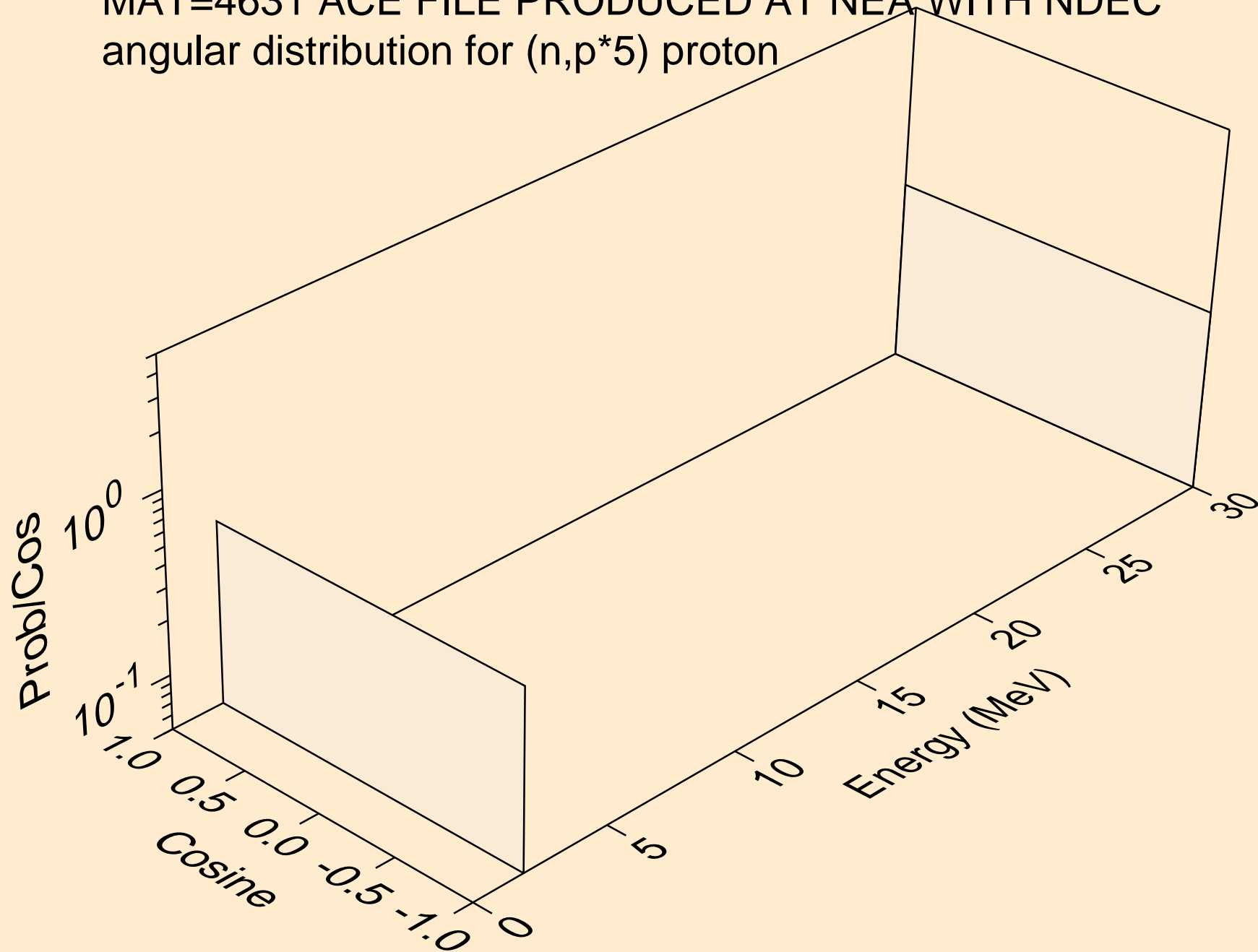
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angular distribution for (n,p*3) proton



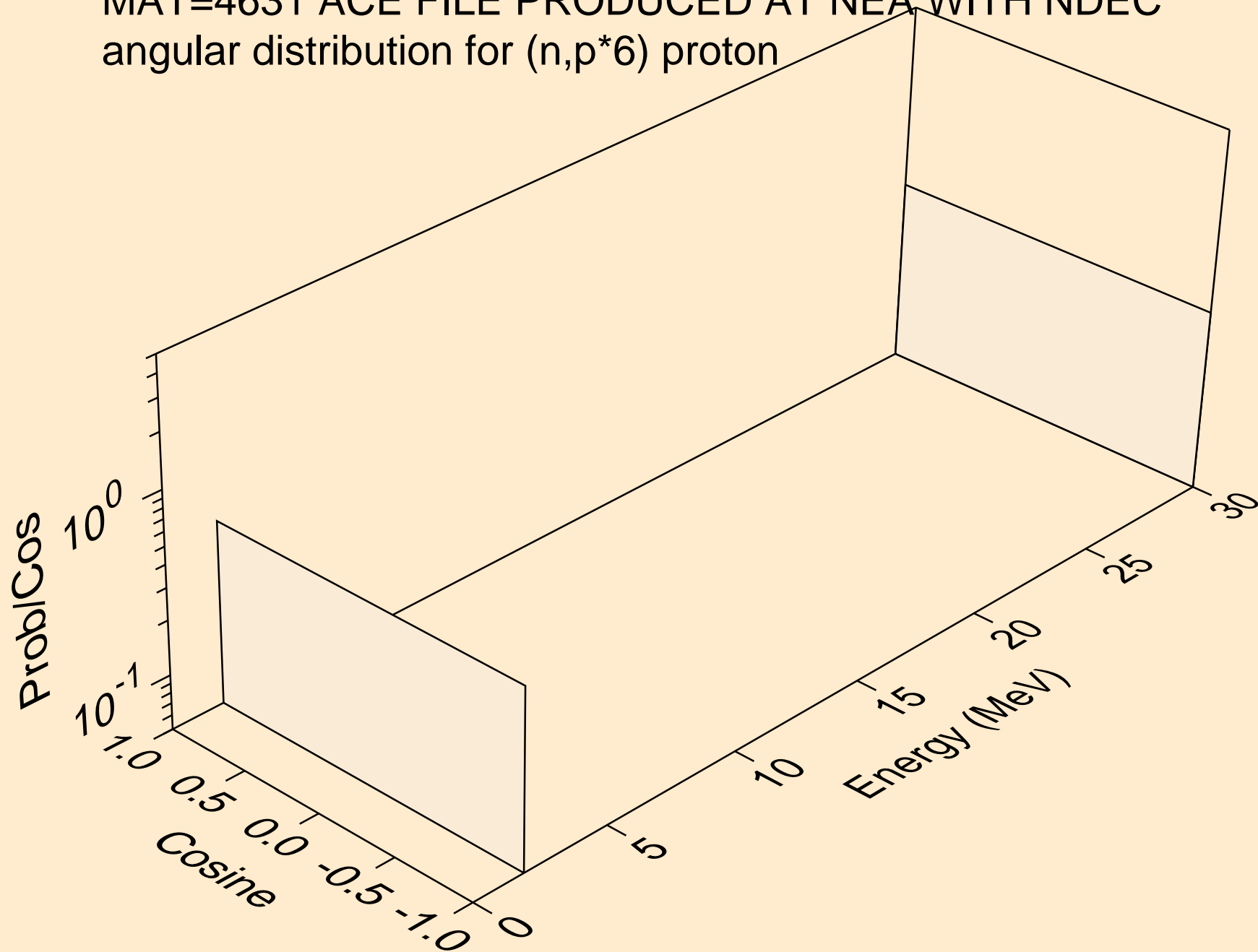
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angular distribution for (n,p*4) proton



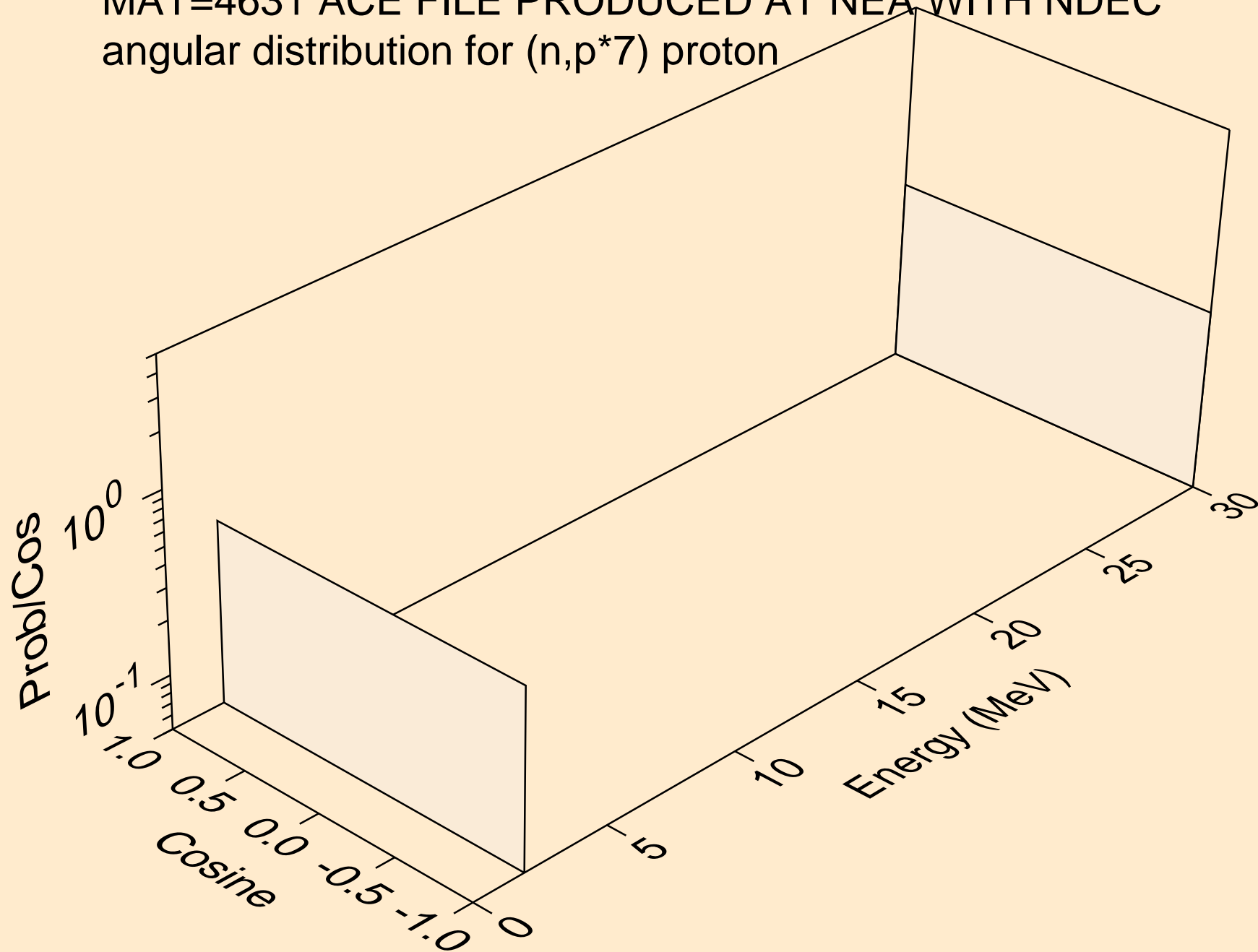
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angular distribution for (n,p*5) proton



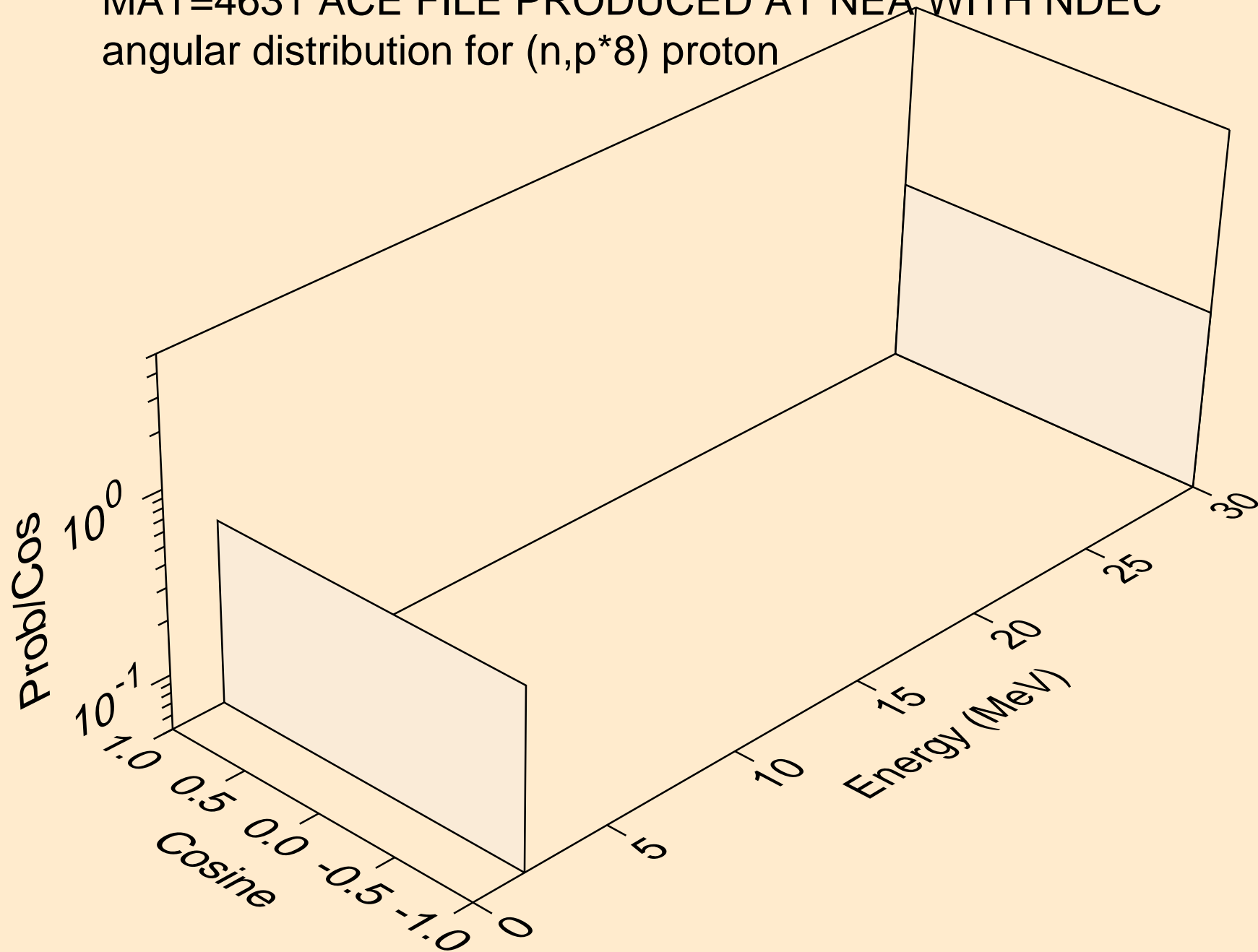
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angular distribution for (n,p*6) proton



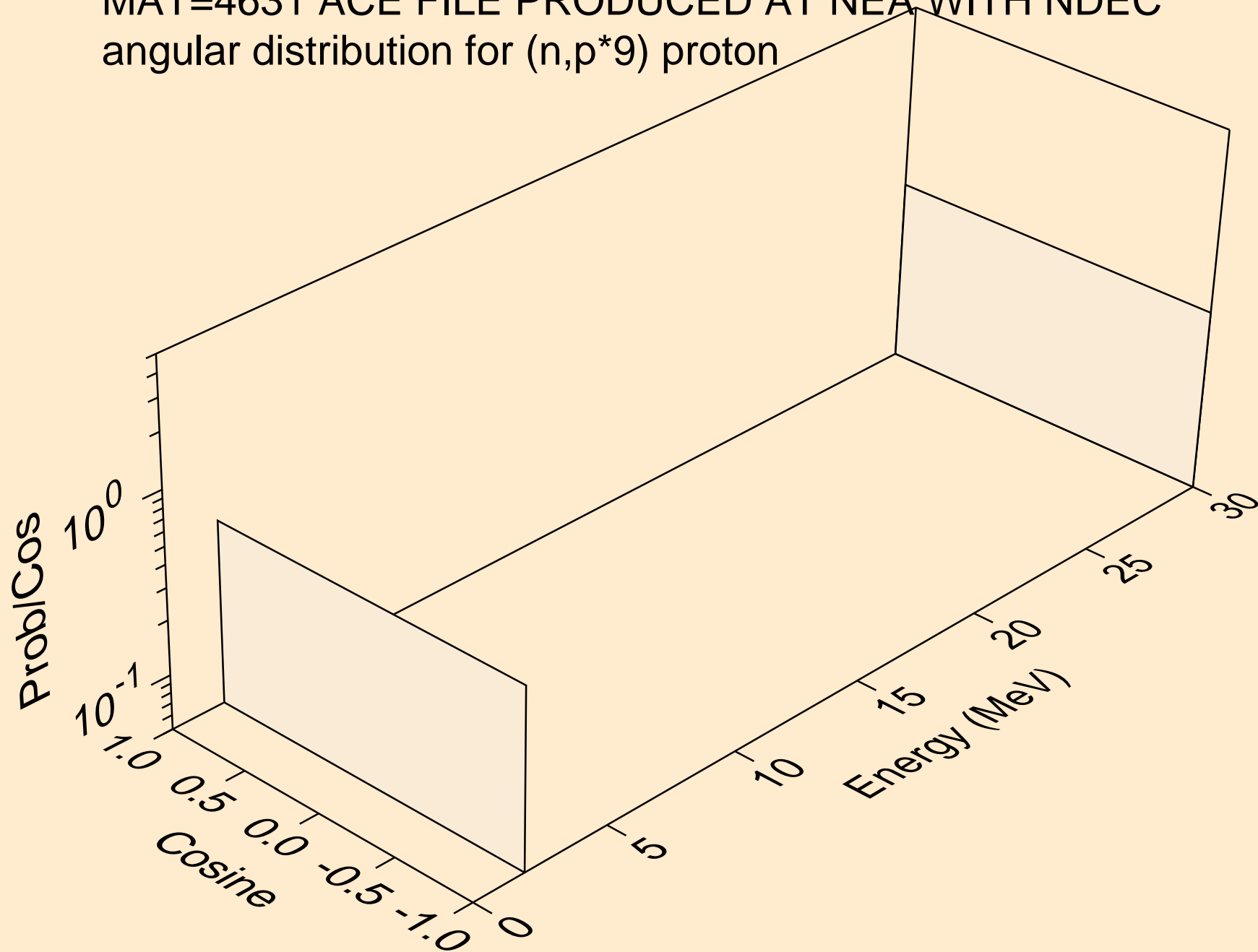
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angular distribution for (n,p*7) proton



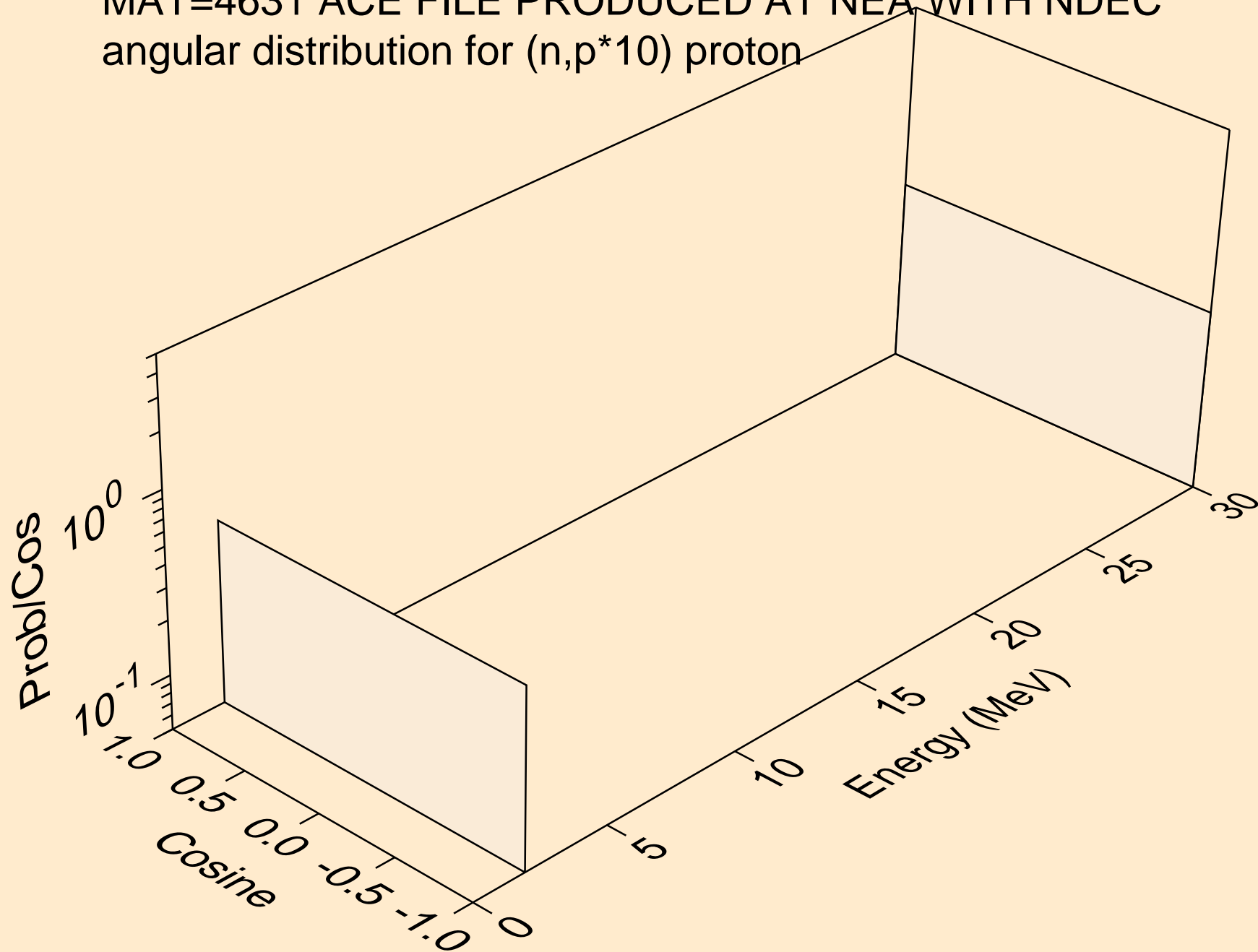
MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,p*8) proton



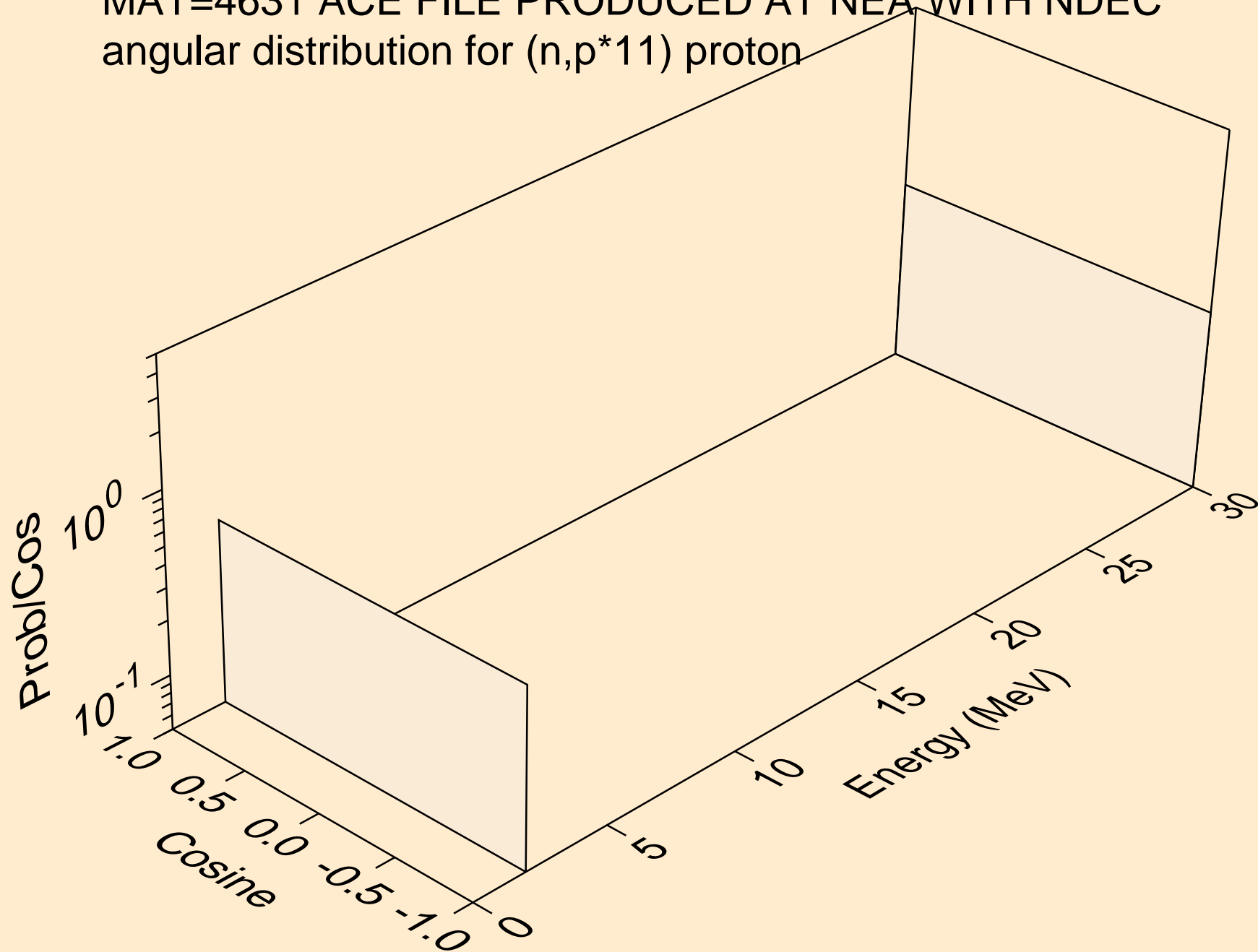
MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,p*9) proton



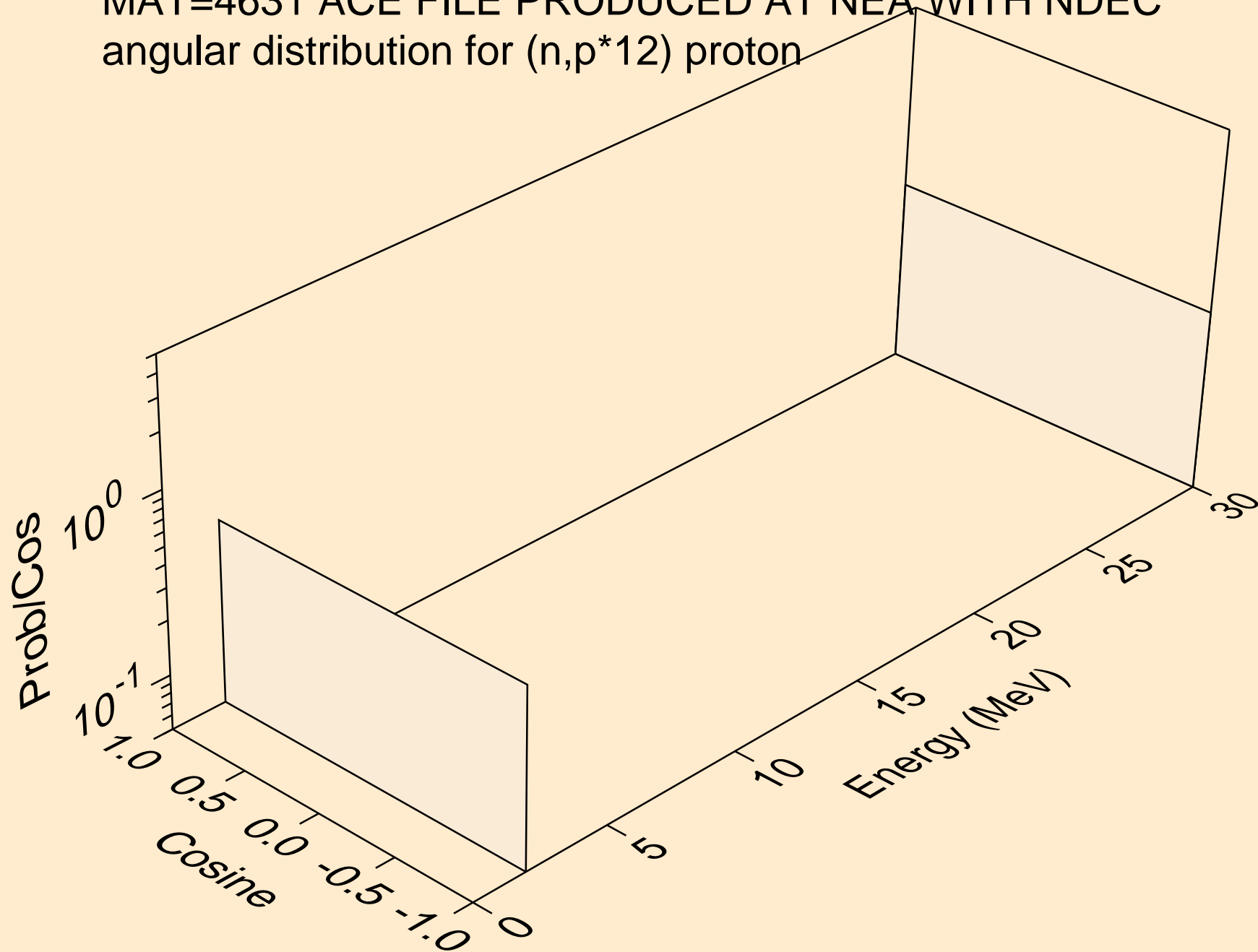
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angular distribution for (n,p*10) proton



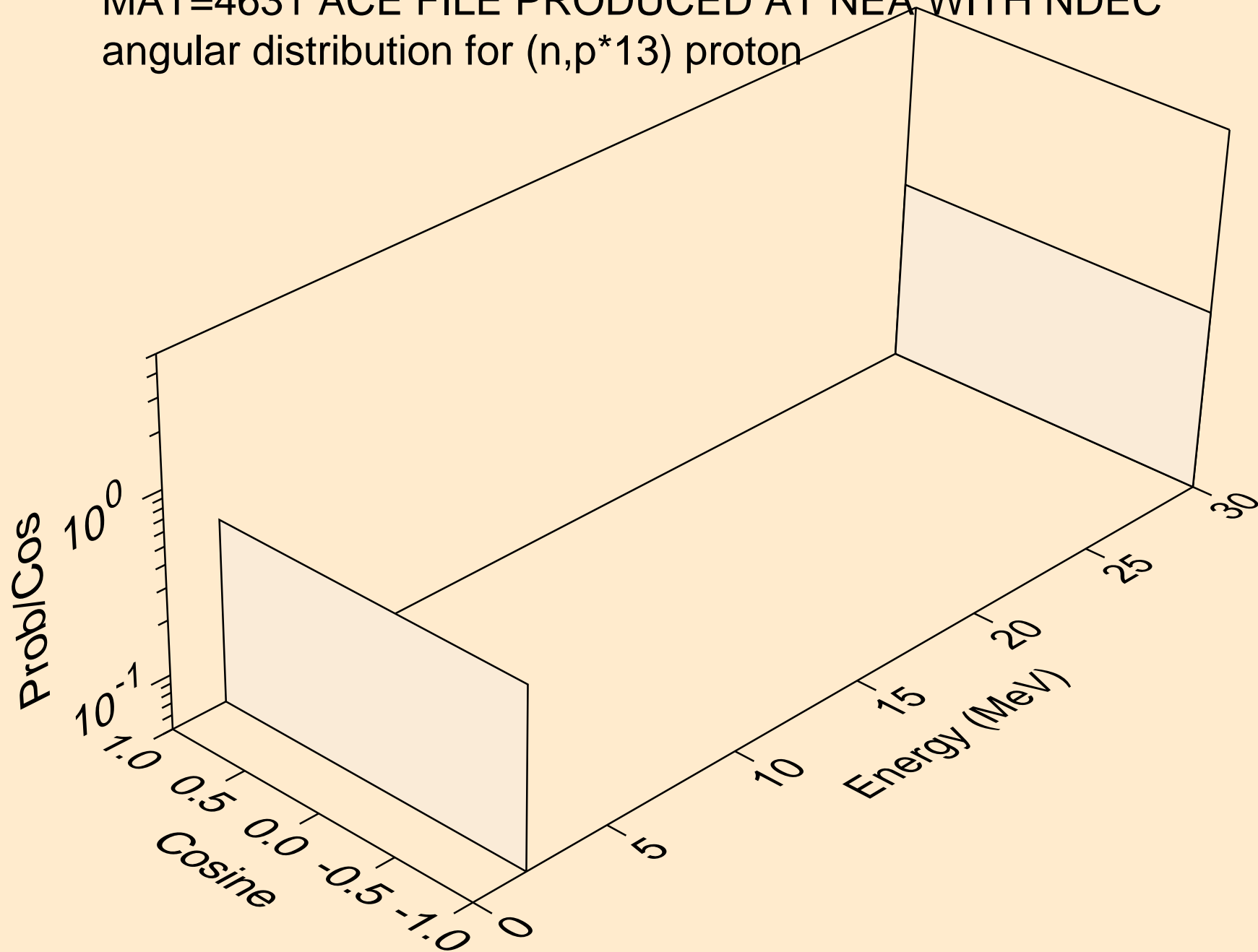
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angular distribution for (n,p*11) proton



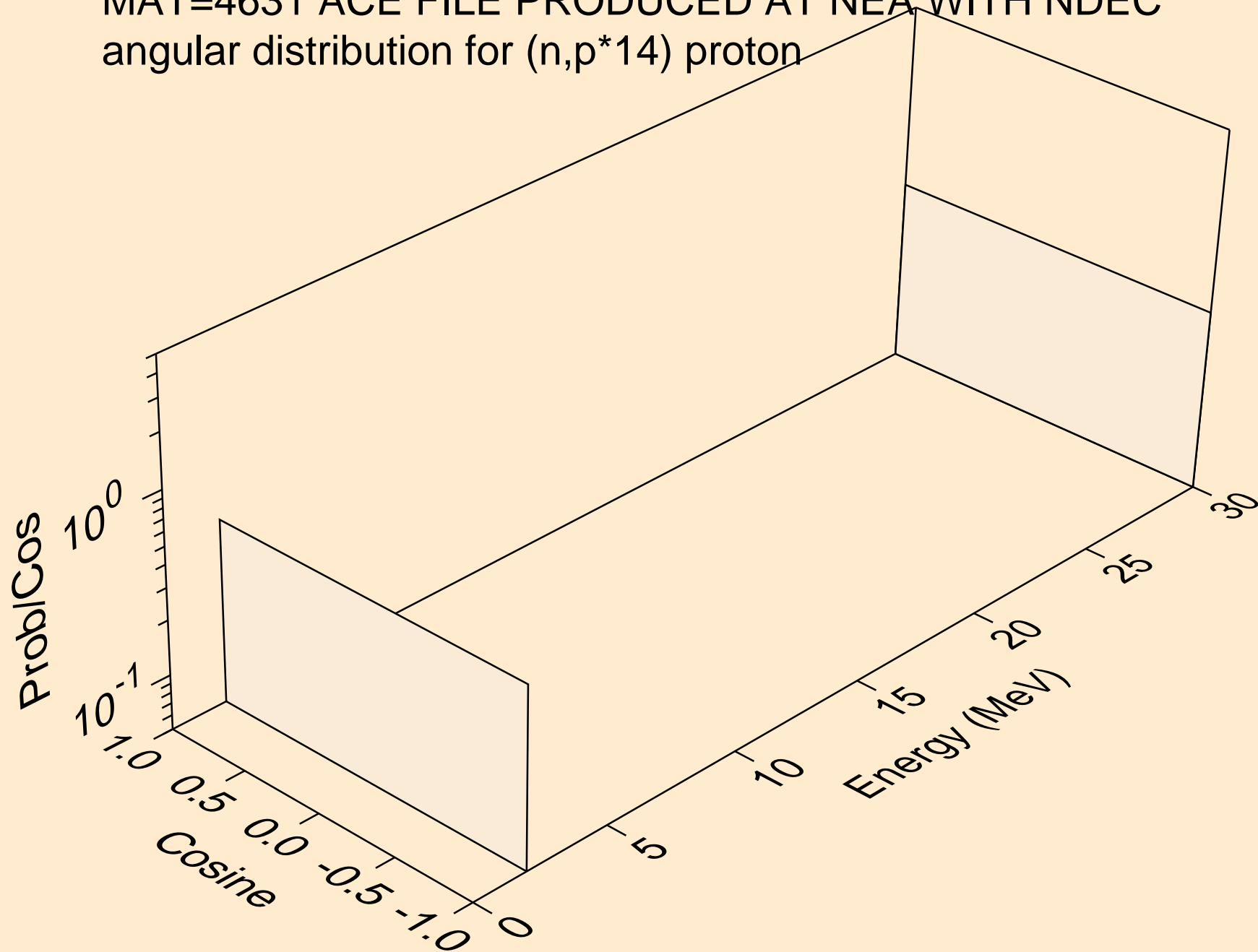
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angular distribution for (n,p*12) proton



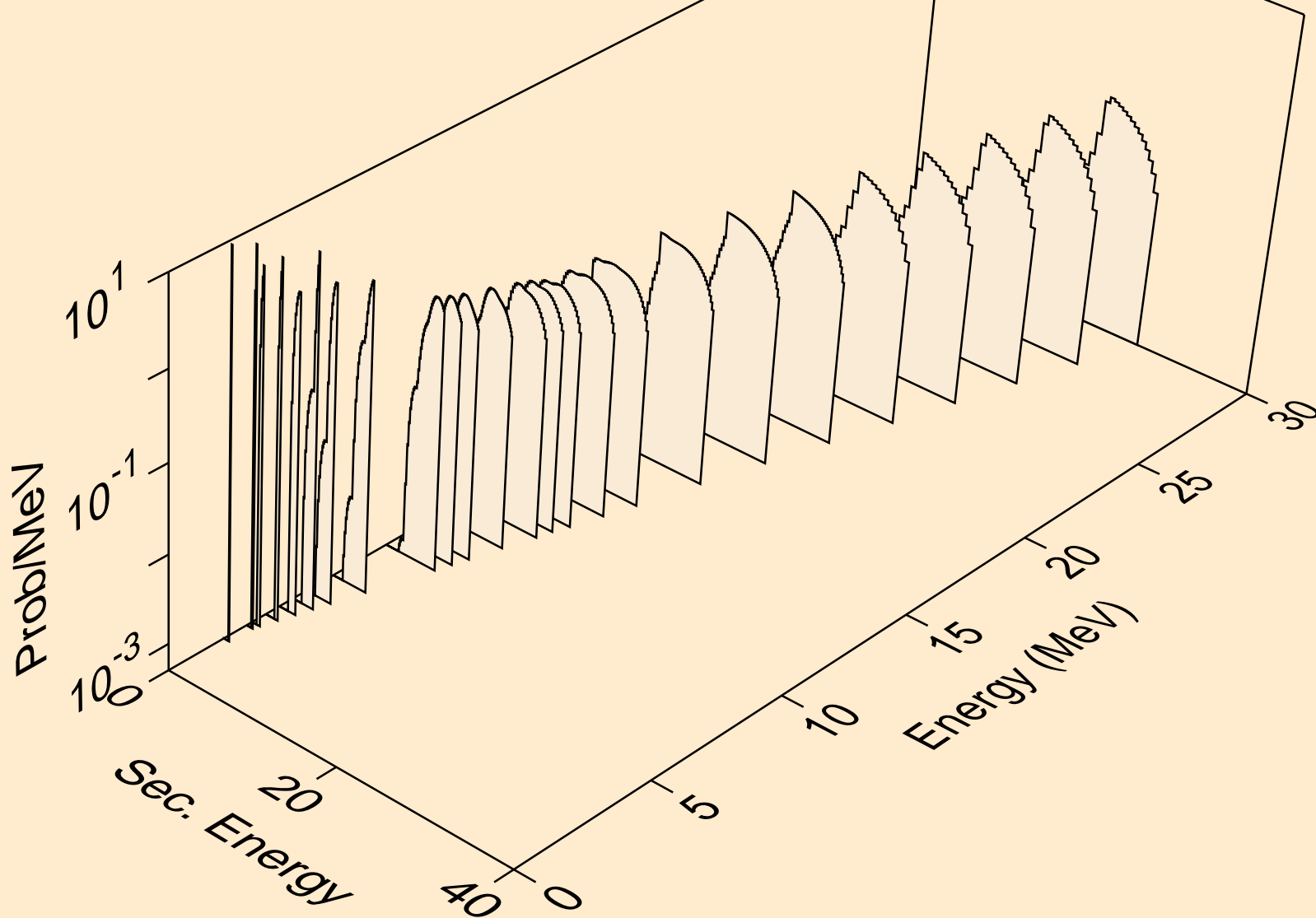
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angular distribution for (n,p*13) proton



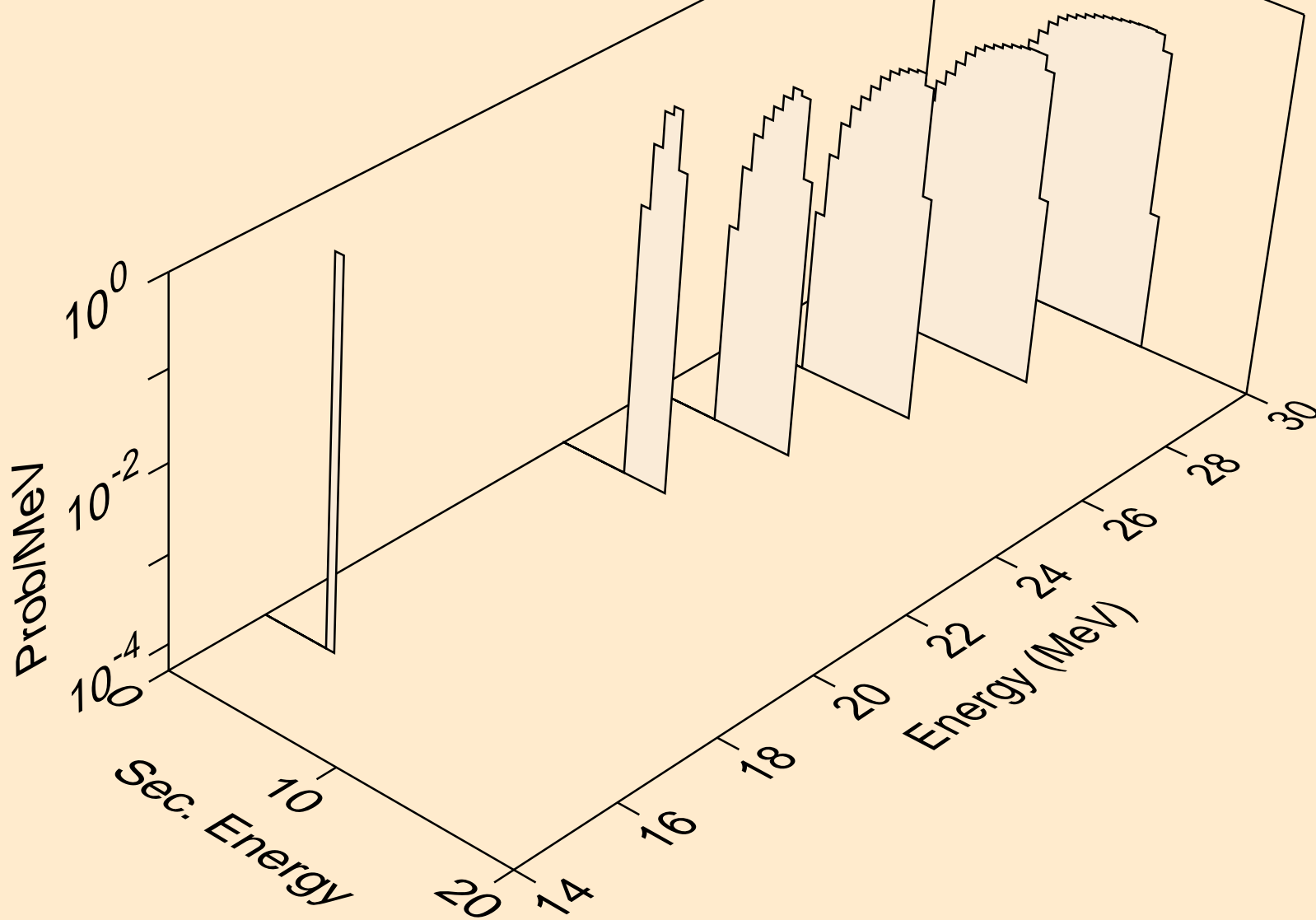
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angular distribution for (n,p*14) proton



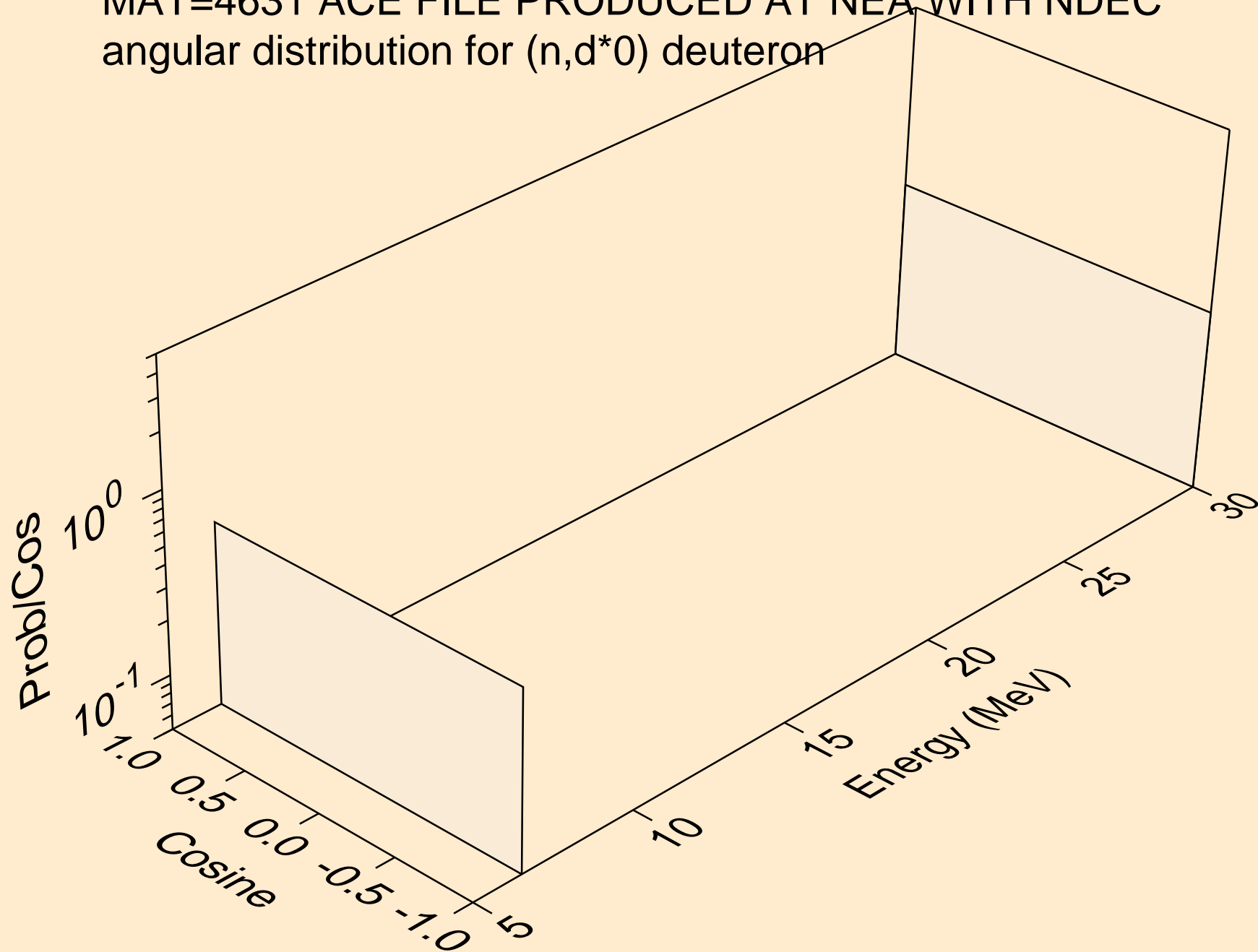
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protons from (n,p*c)



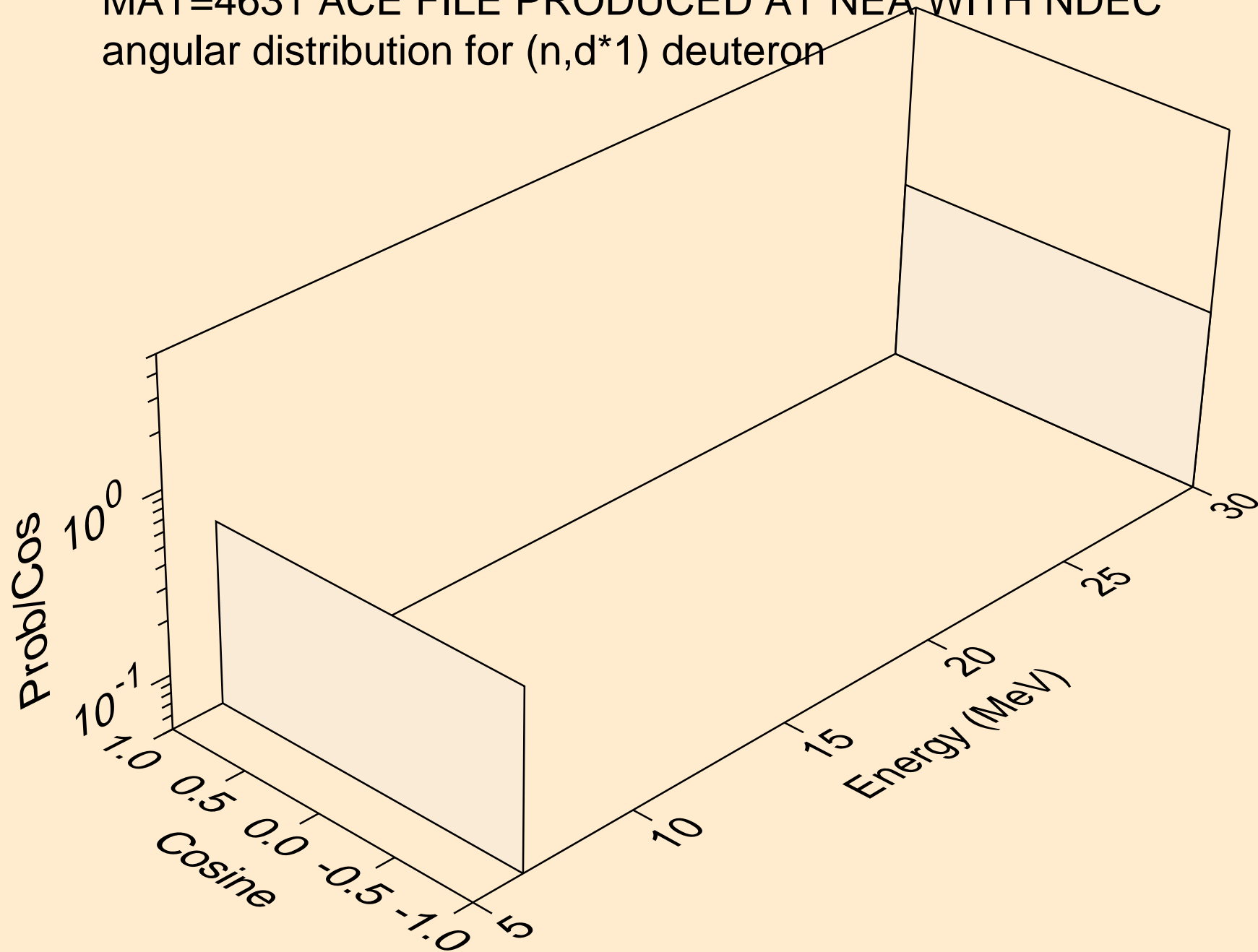
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deuterons from (n,n*)d



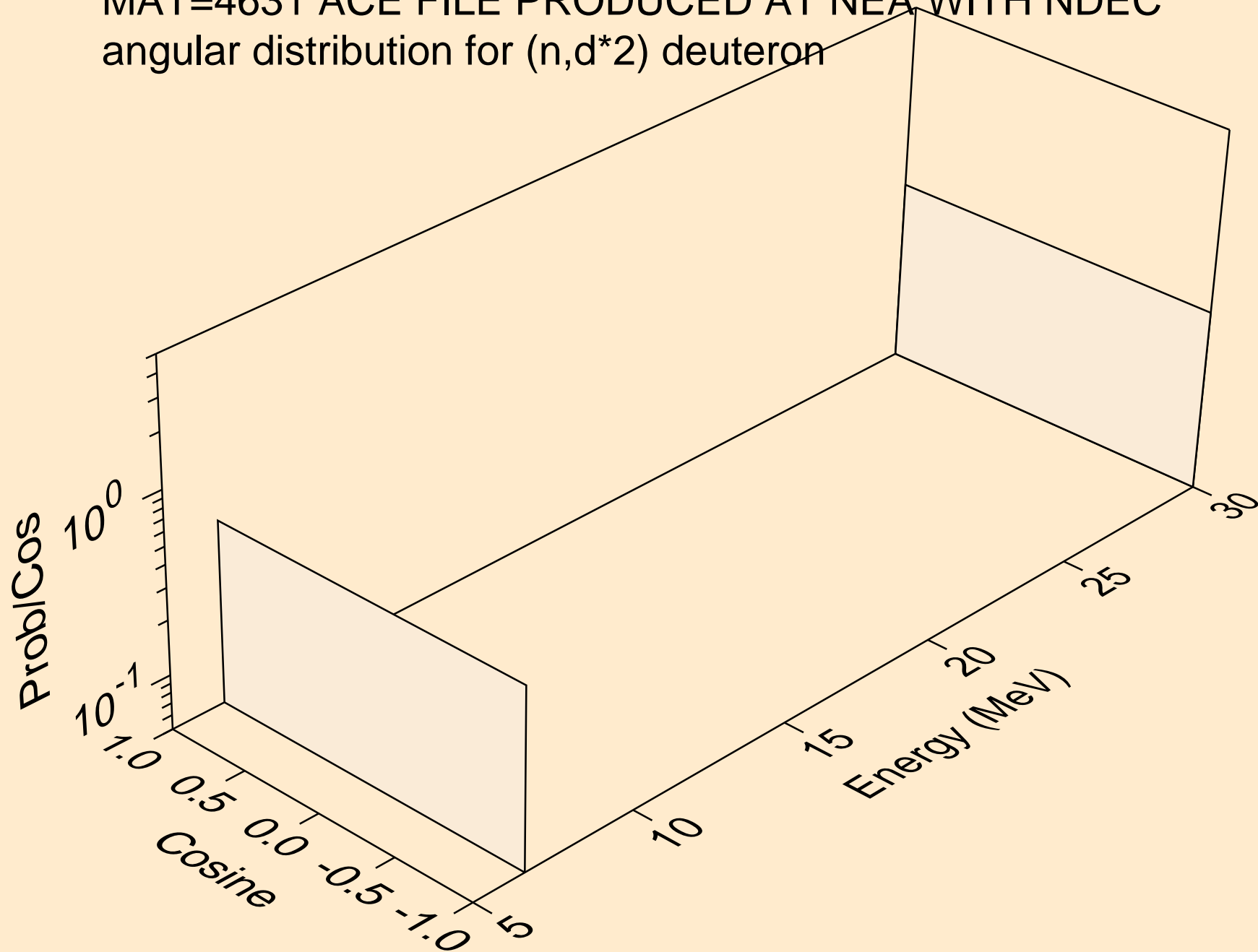
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angular distribution for (n,d*0) deuteron



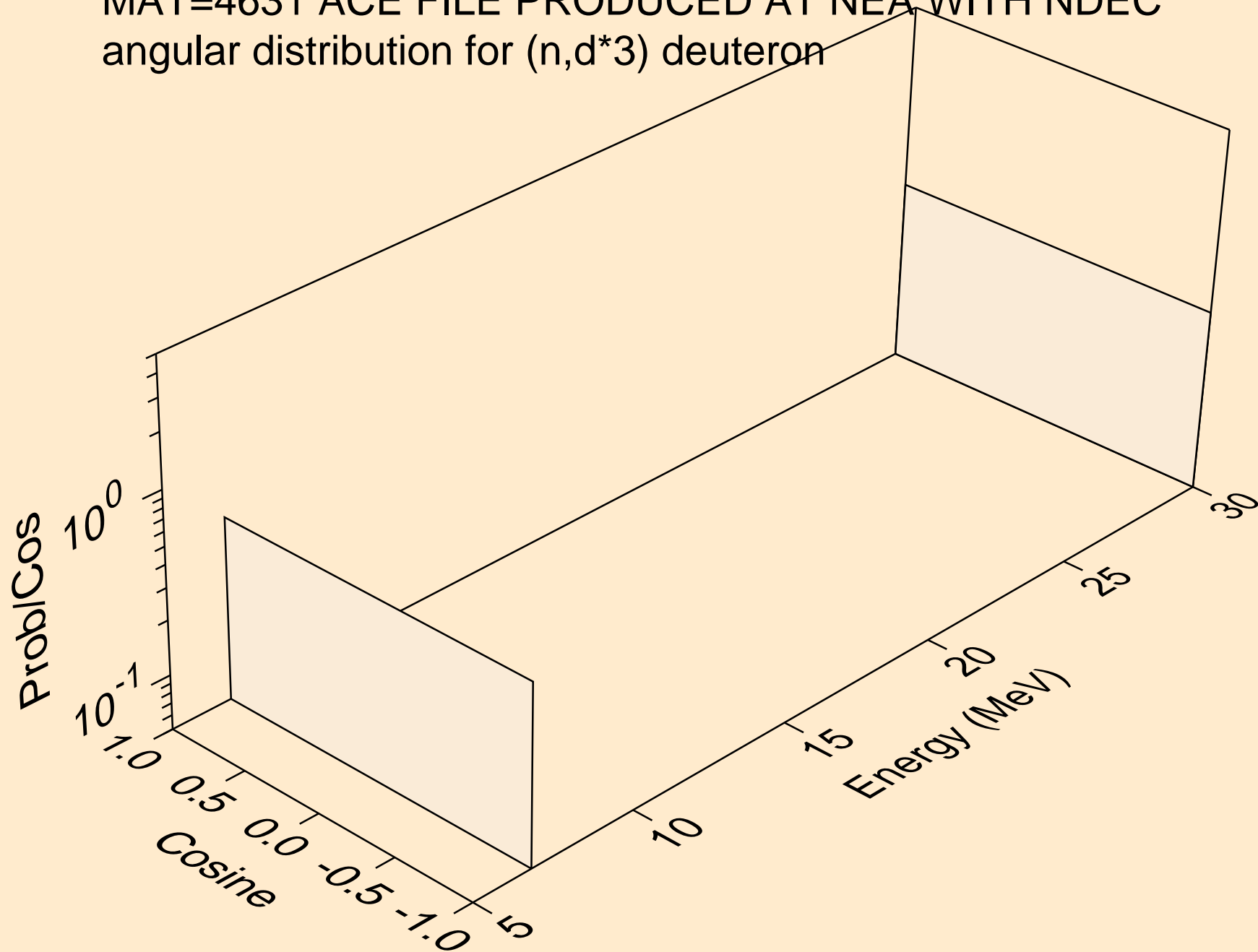
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angular distribution for (n,d*1) deuteron



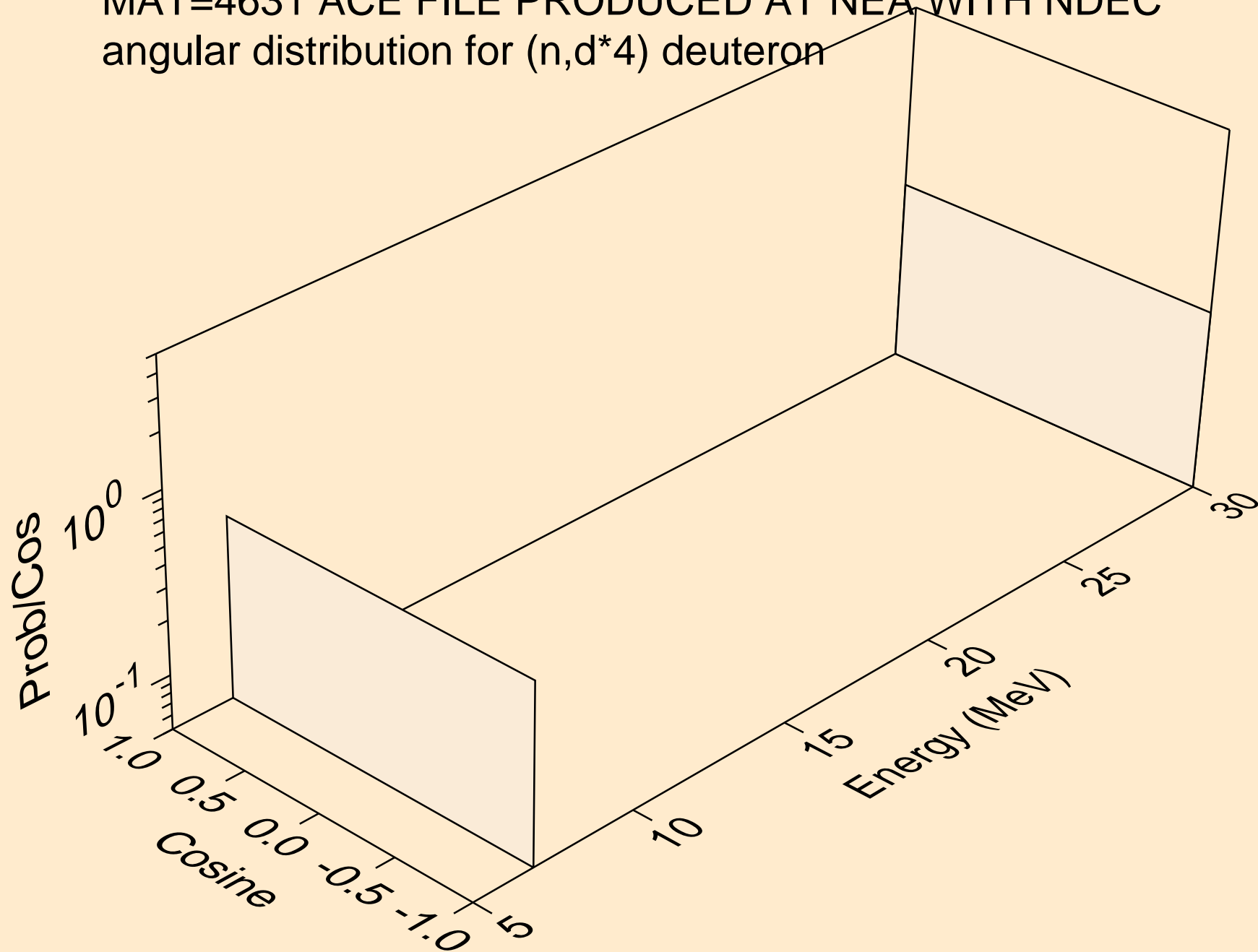
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angular distribution for (n,d*2) deuteron



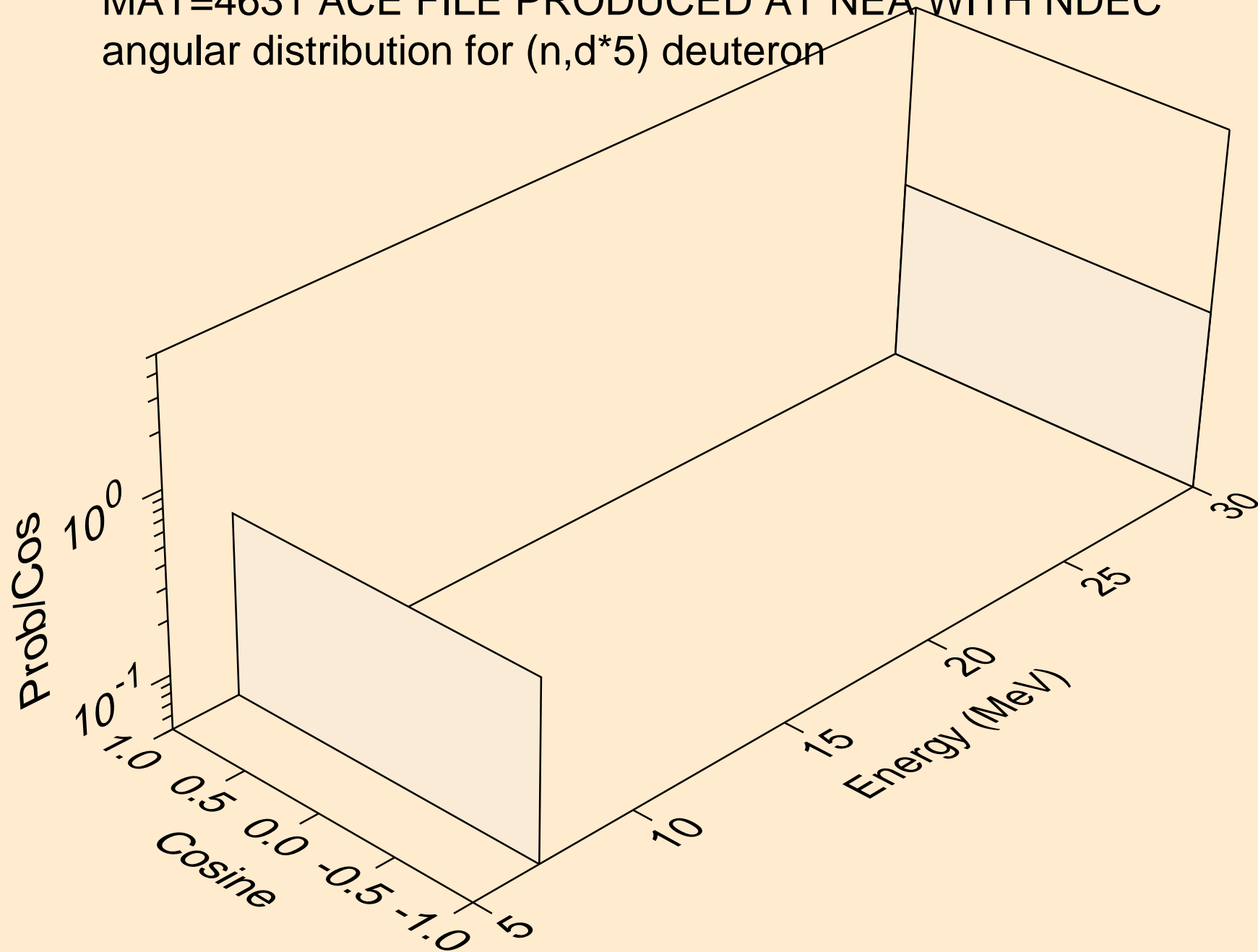
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angular distribution for (n,d*3) deuteron



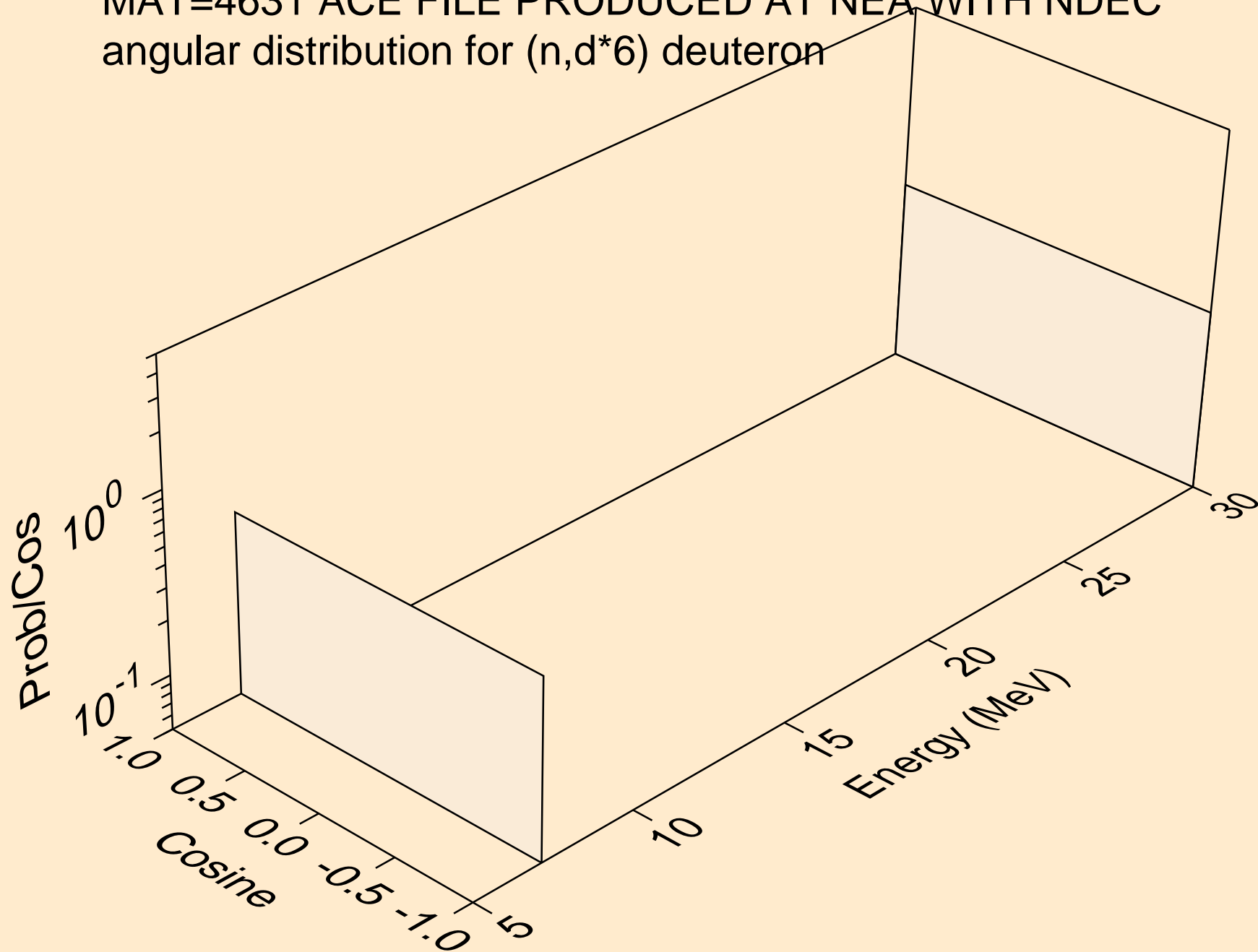
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angular distribution for (n,d*4) deuteron



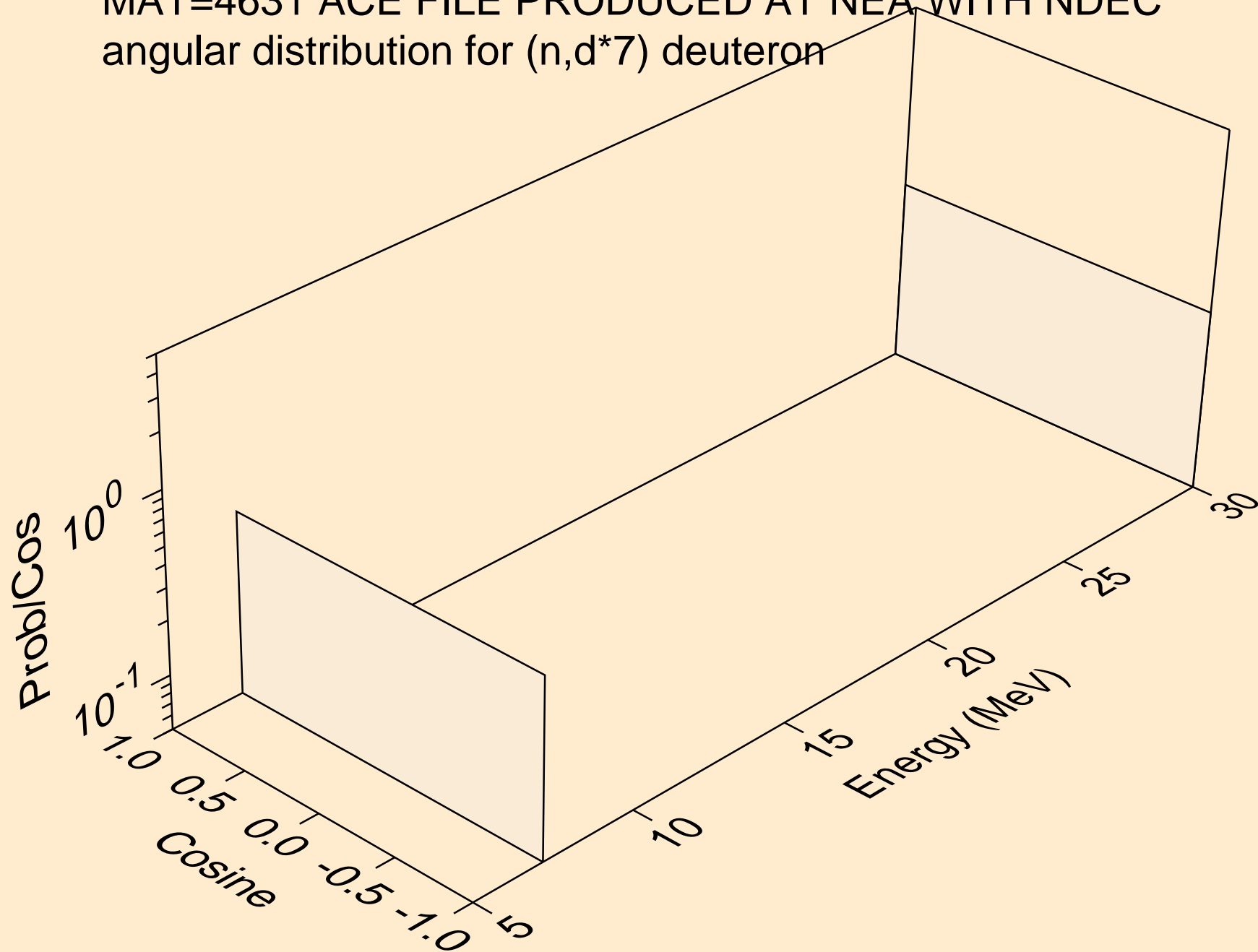
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angular distribution for (n,d*5) deuteron



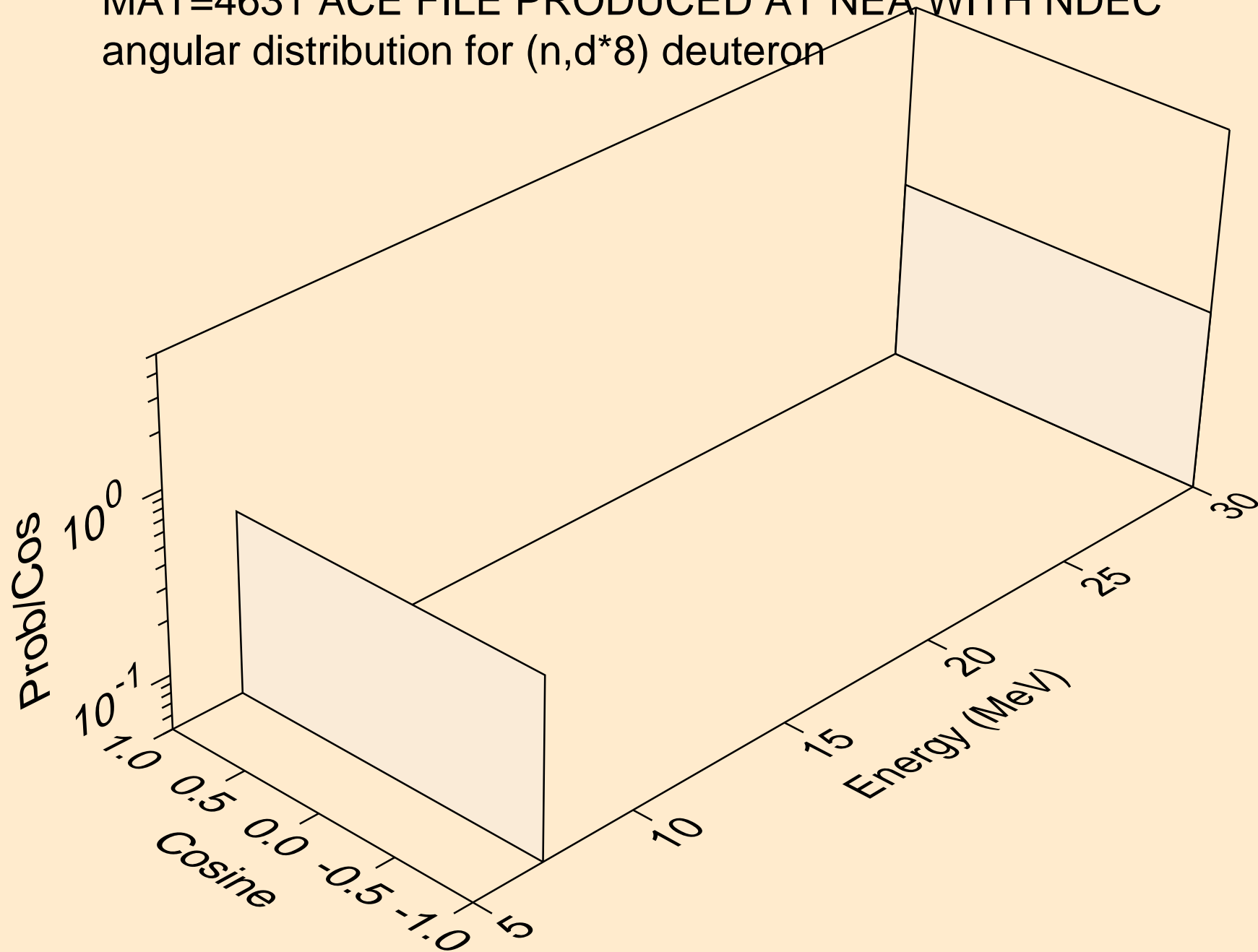
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angular distribution for (n,d*6) deuteron



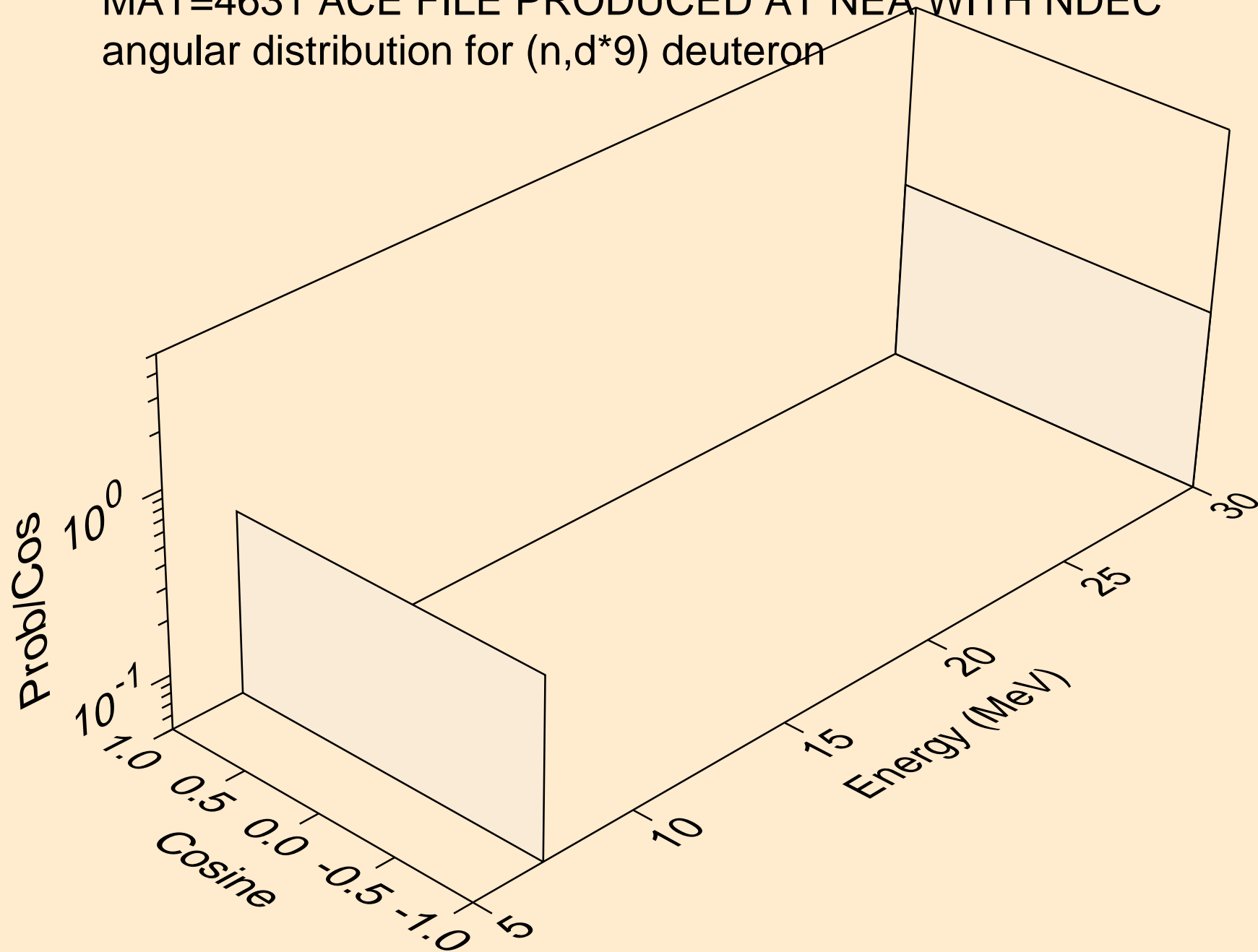
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angular distribution for (n,d*7) deuteron



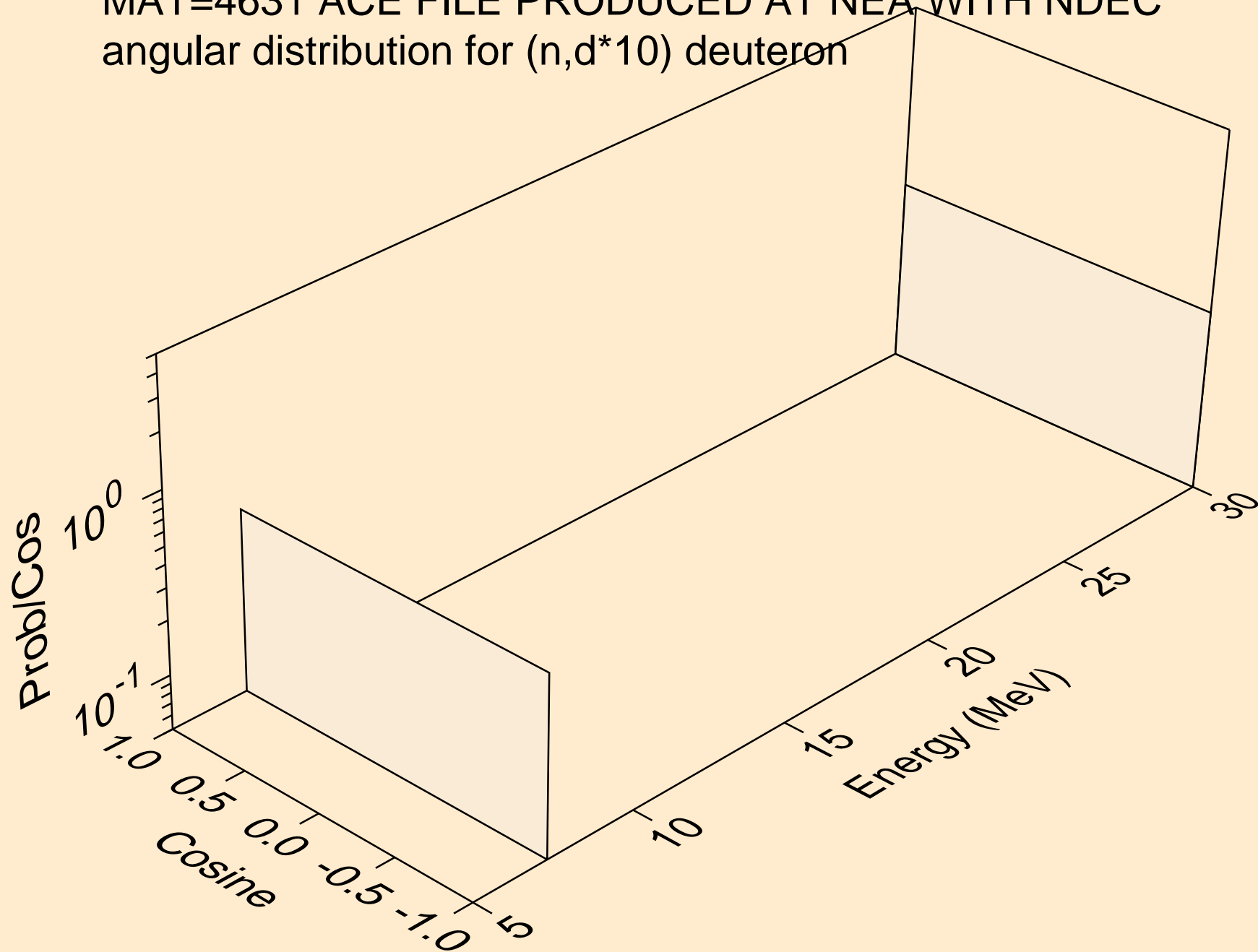
MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,d*8) deuteron



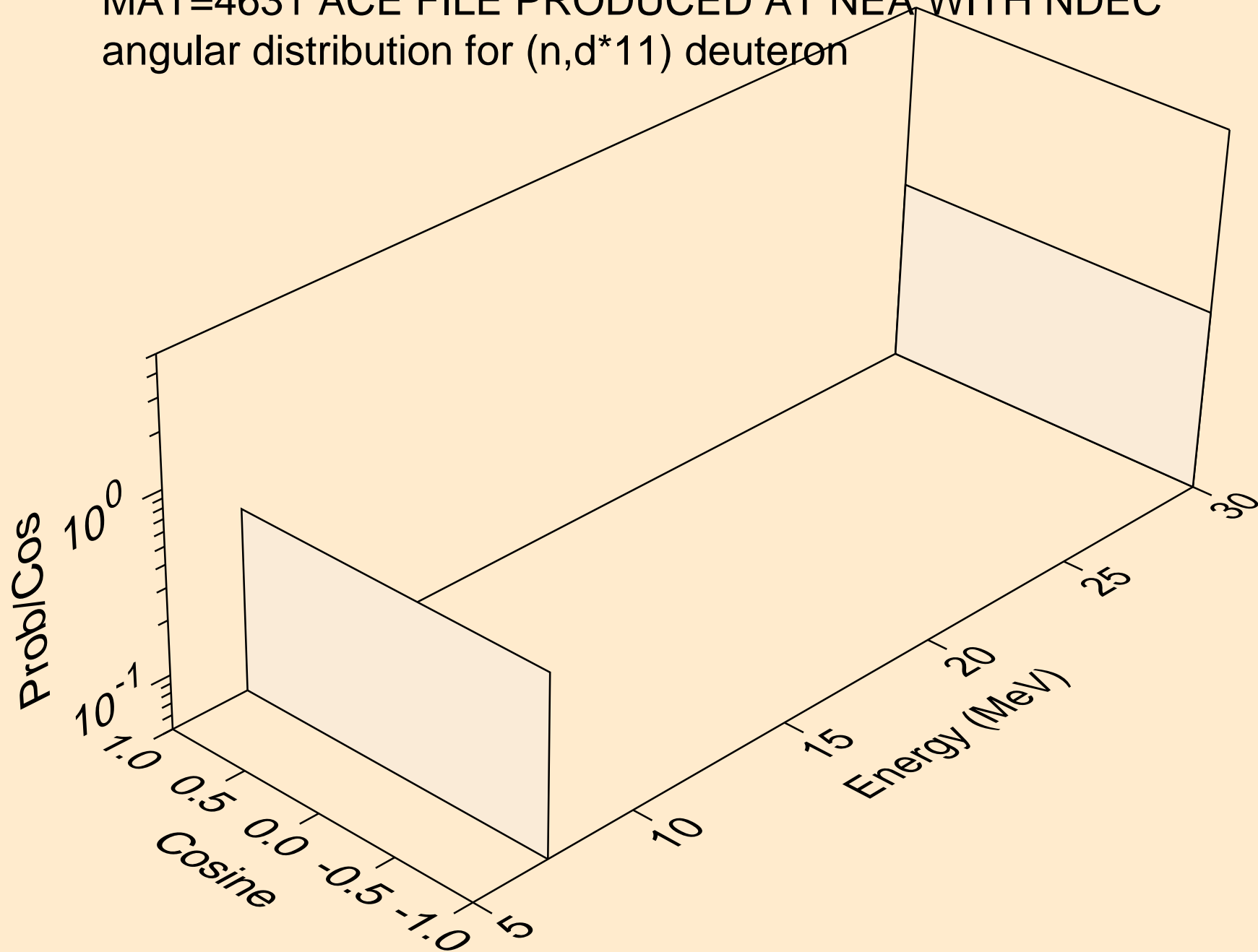
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angular distribution for (n,d*9) deuteron



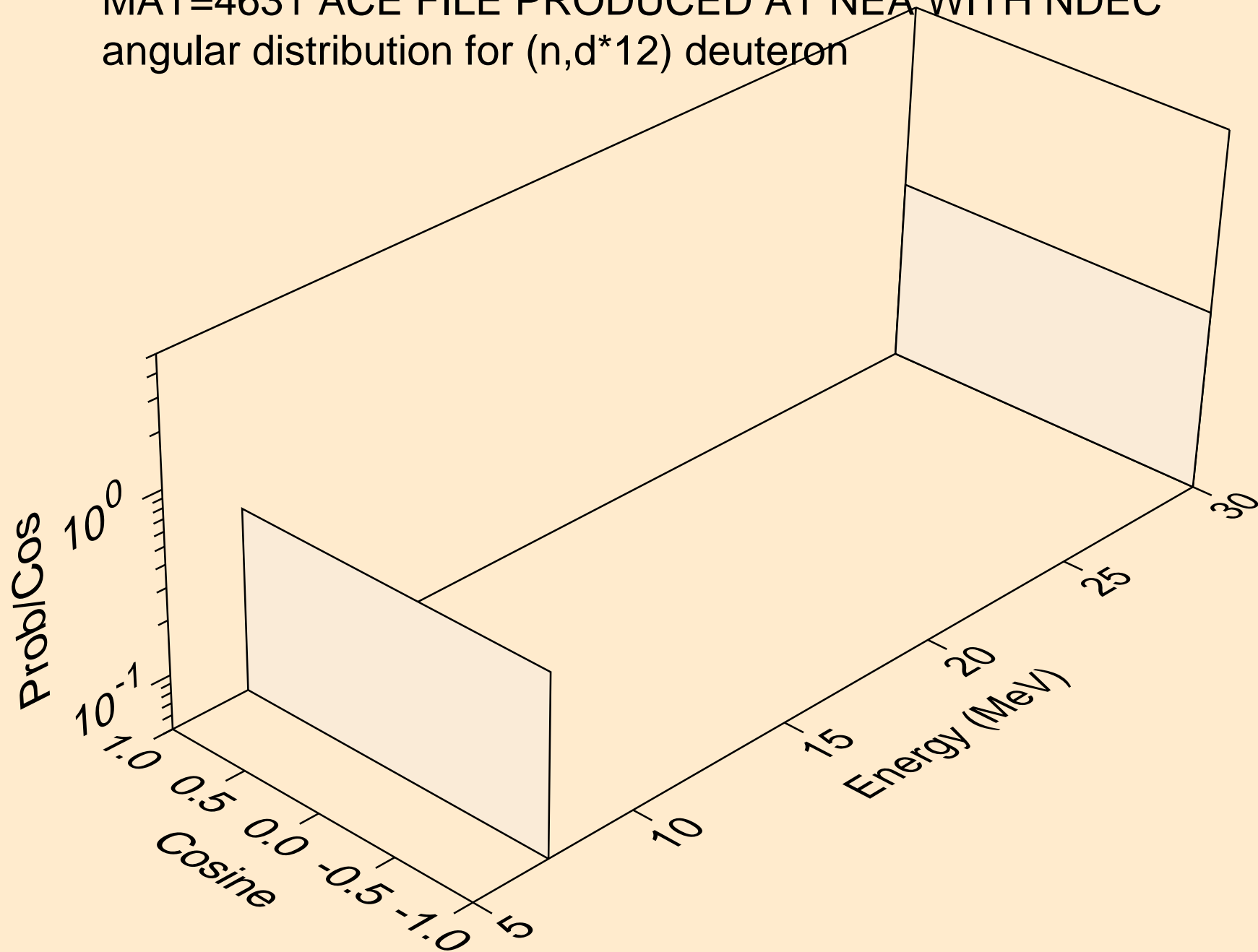
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angular distribution for (n,d*10) deuteron



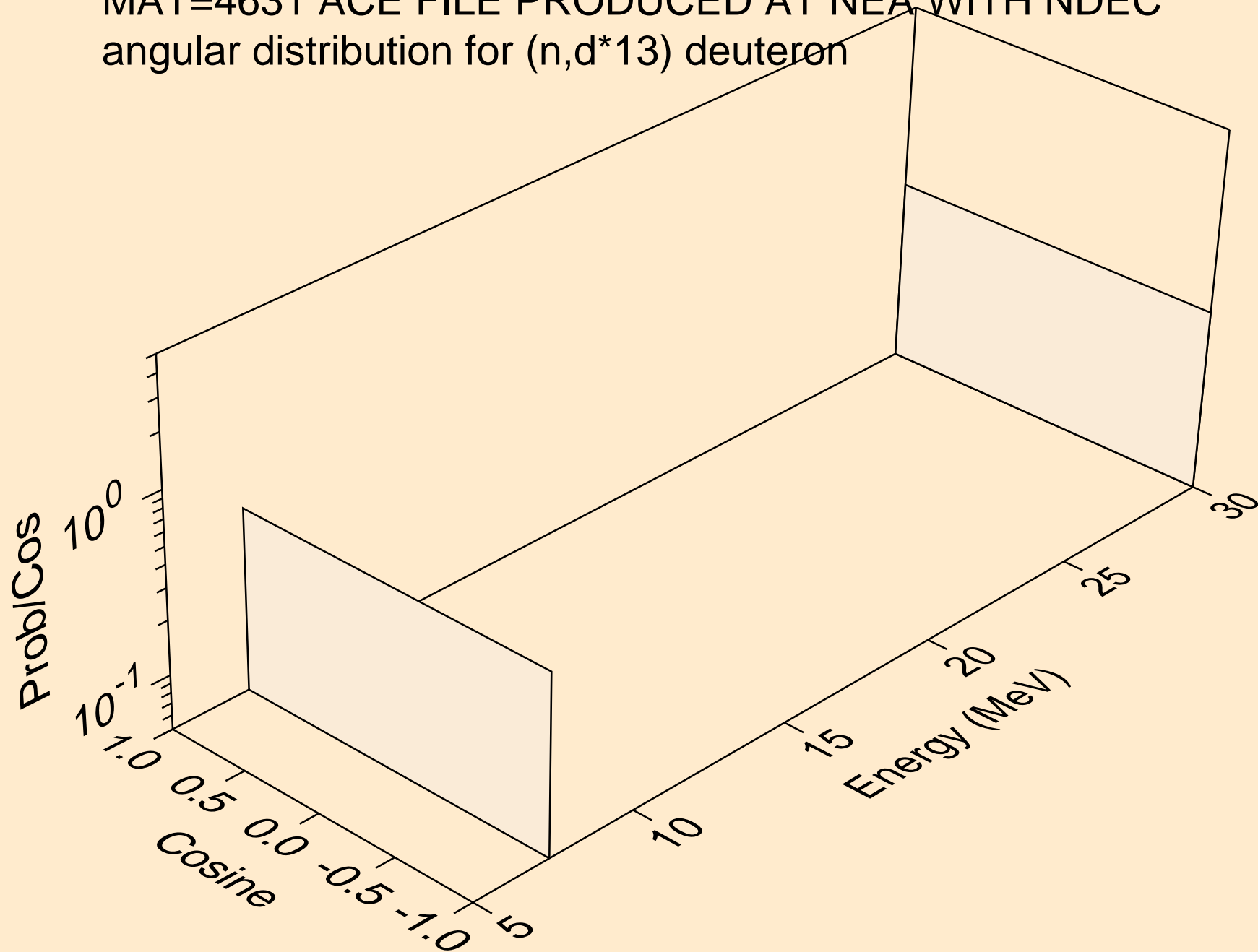
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angular distribution for (n,d*11) deuteron



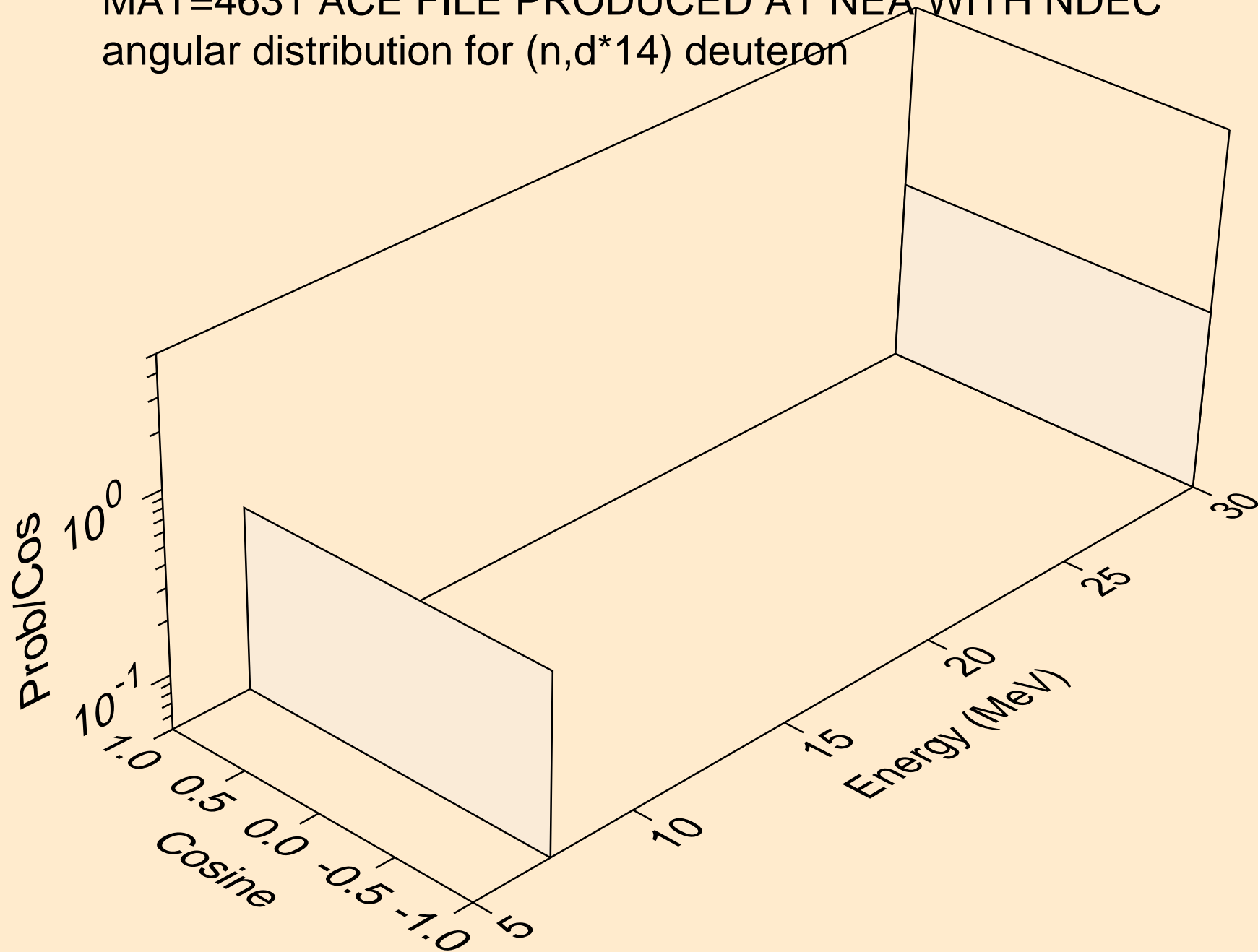
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angular distribution for (n,d*12) deuteron



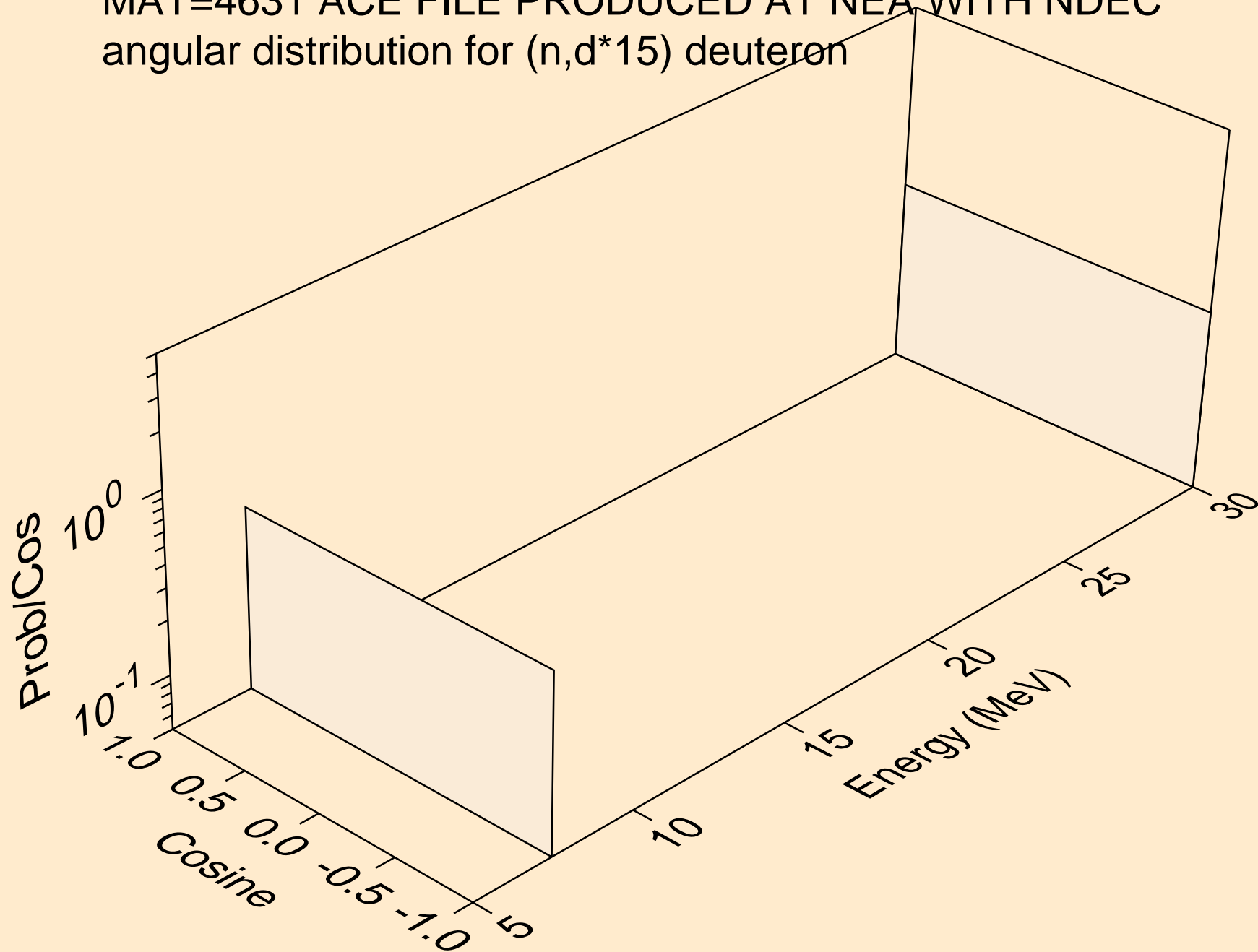
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angular distribution for (n,d*13) deuteron



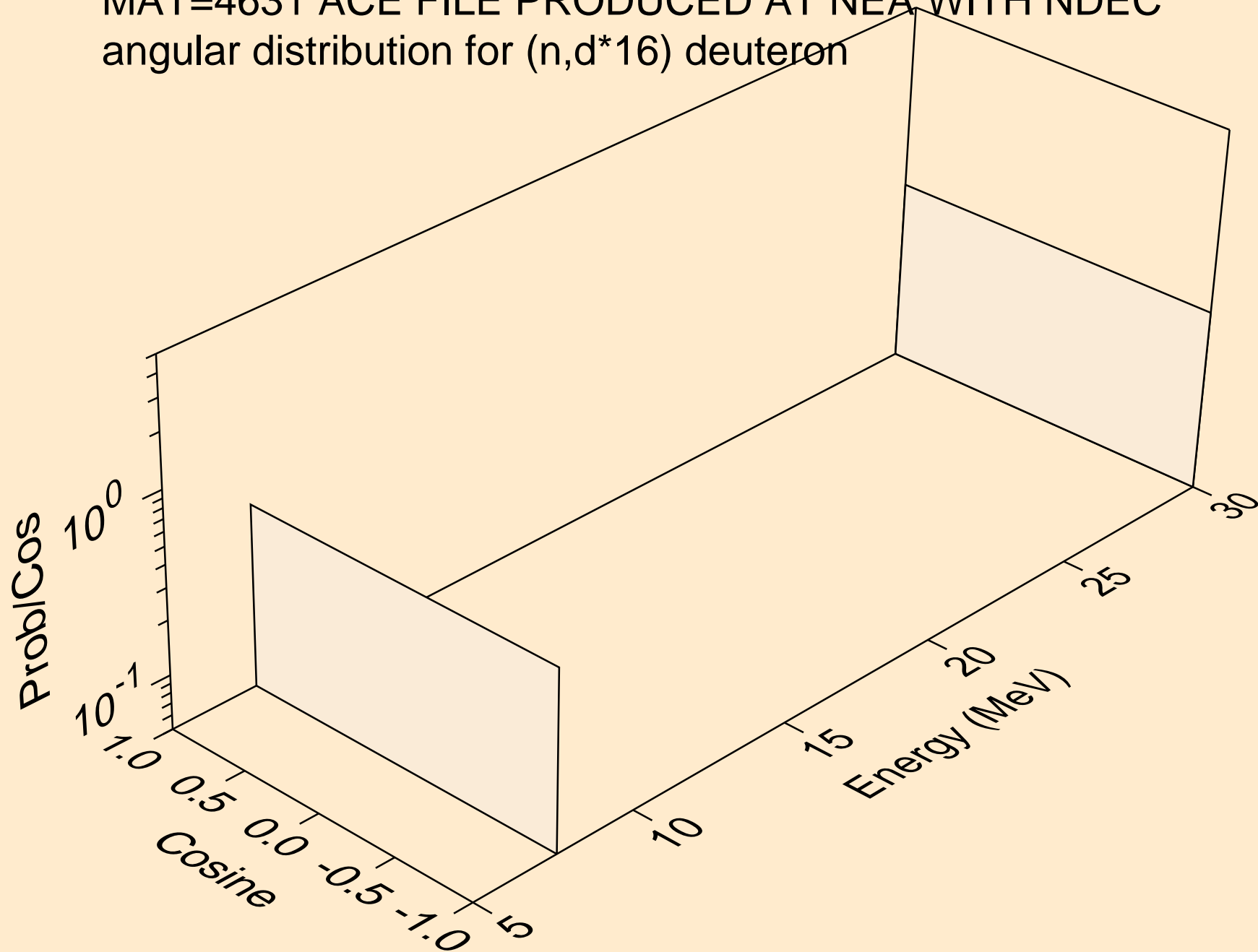
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angular distribution for (n,d*14) deuteron



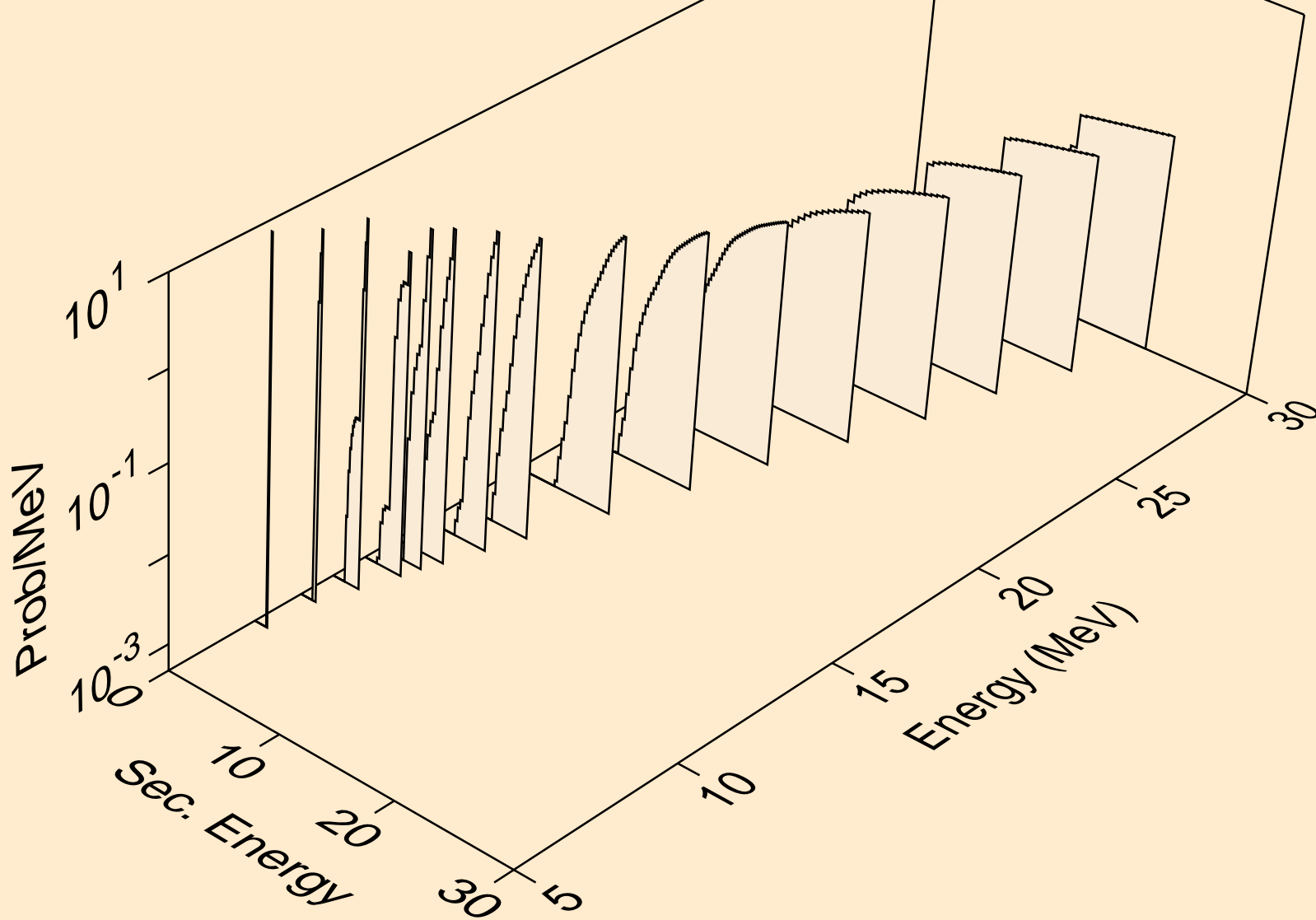
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angular distribution for (n,d*15) deuteron



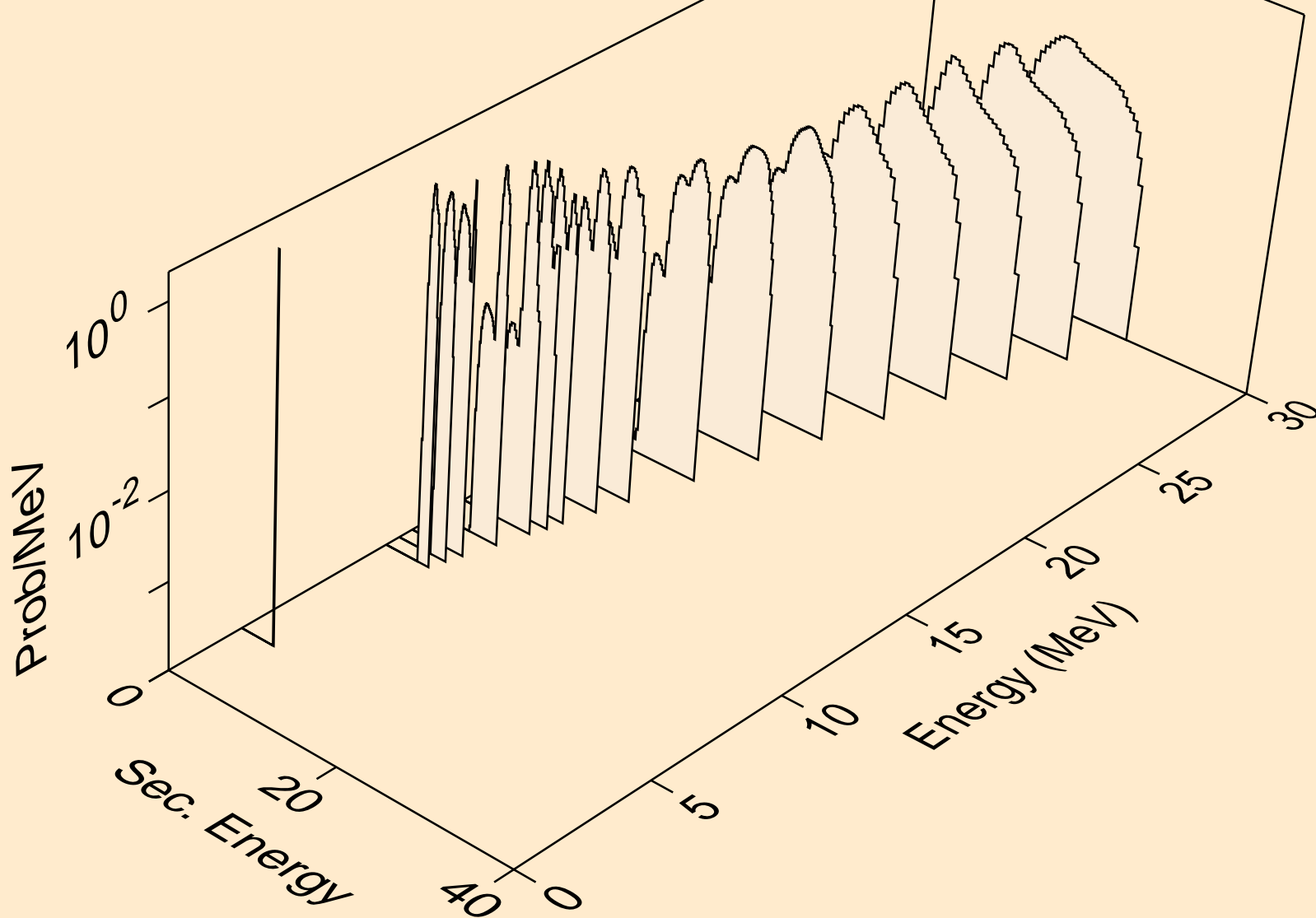
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angular distribution for (n,d*16) deuteron



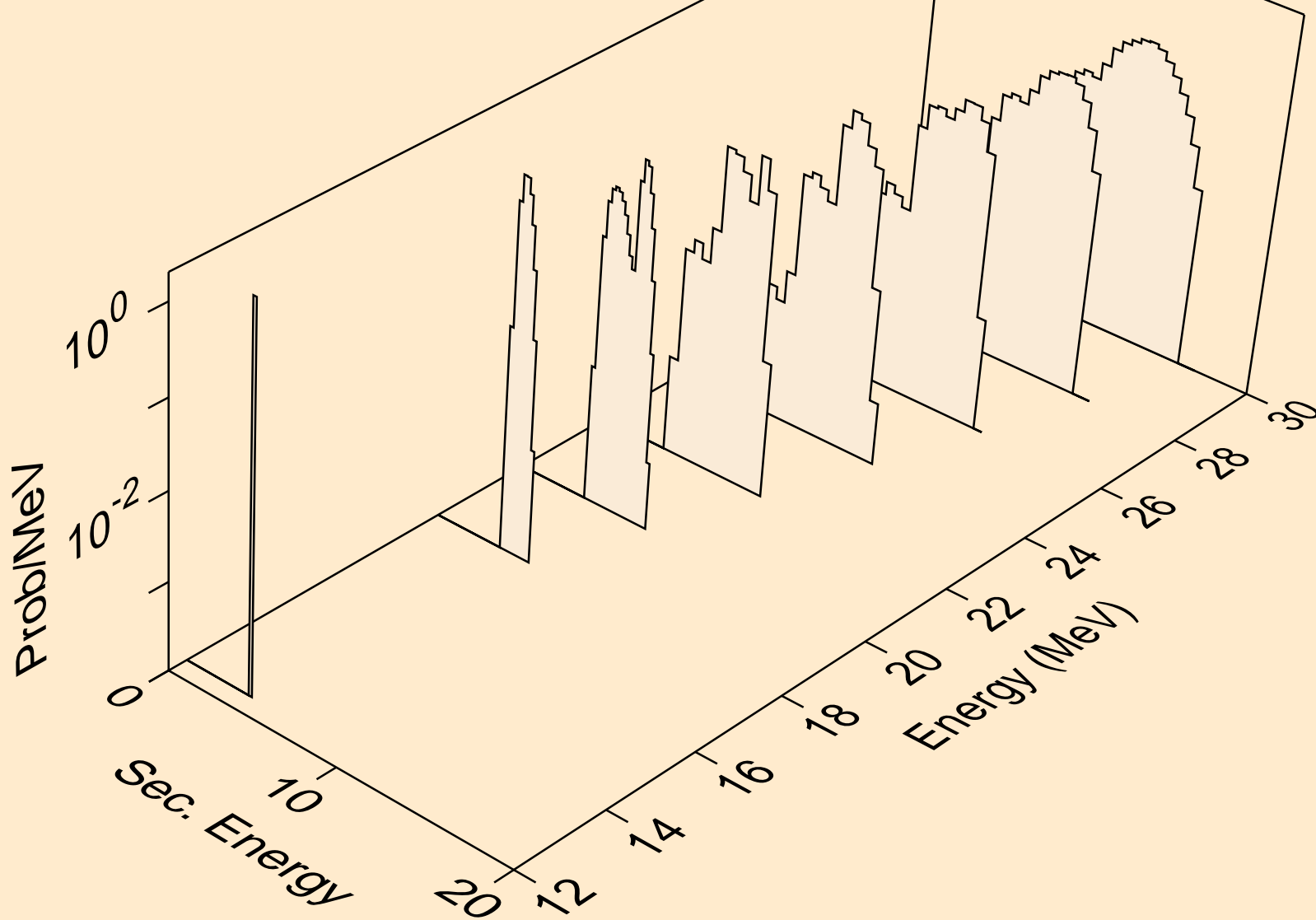
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deuterons from (n,d*c)



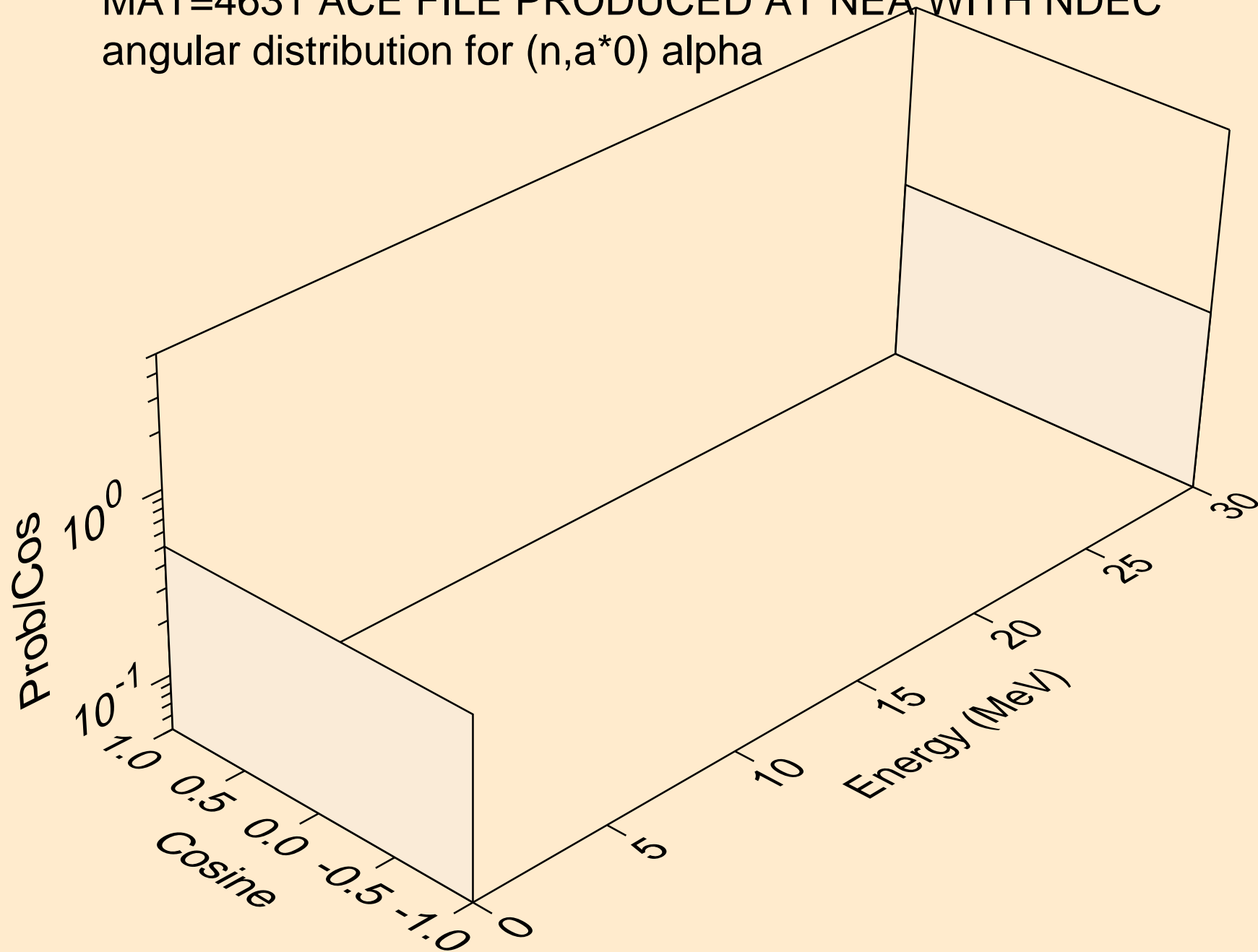
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alphas from (n,n*)a



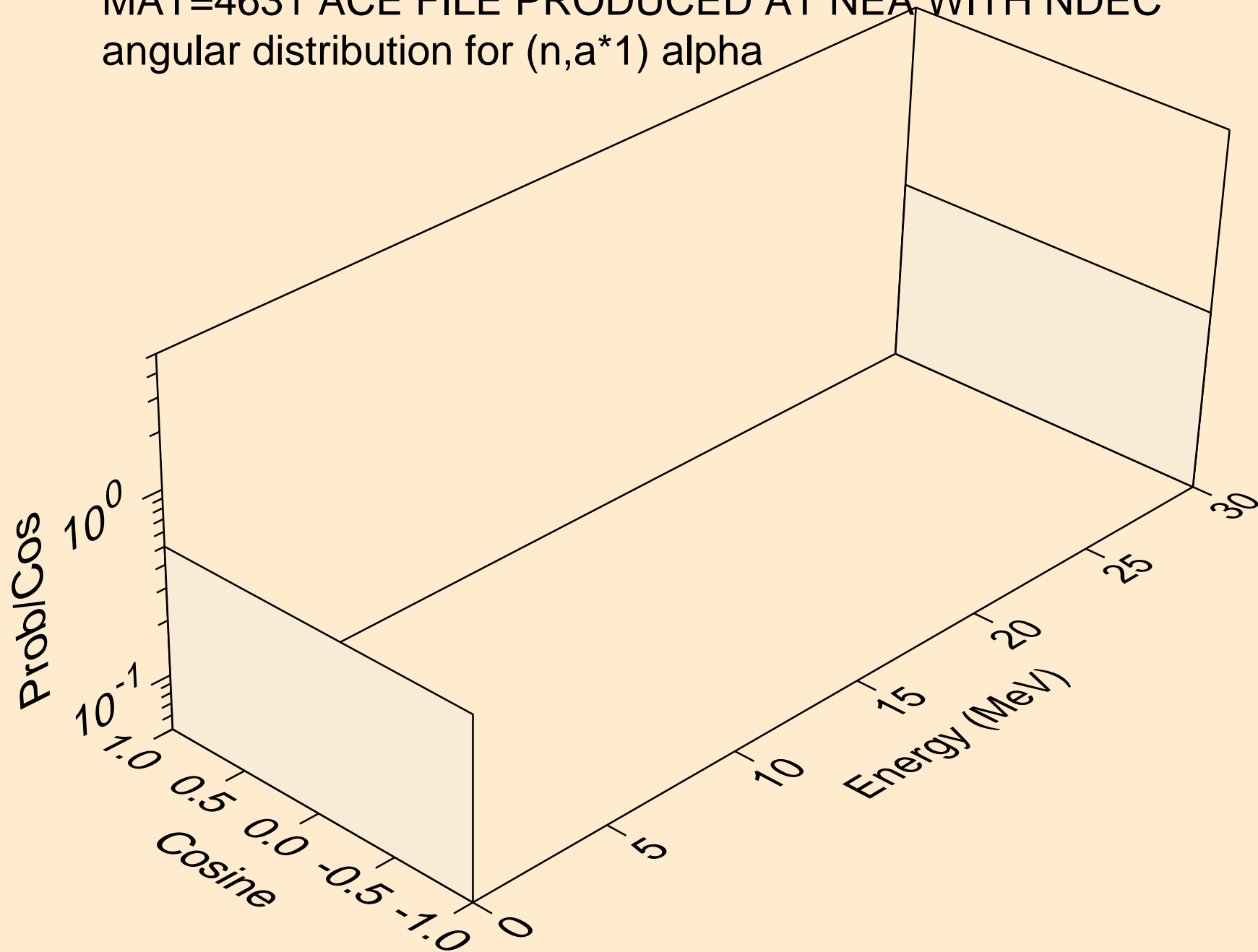
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alphas from (n,2n)a



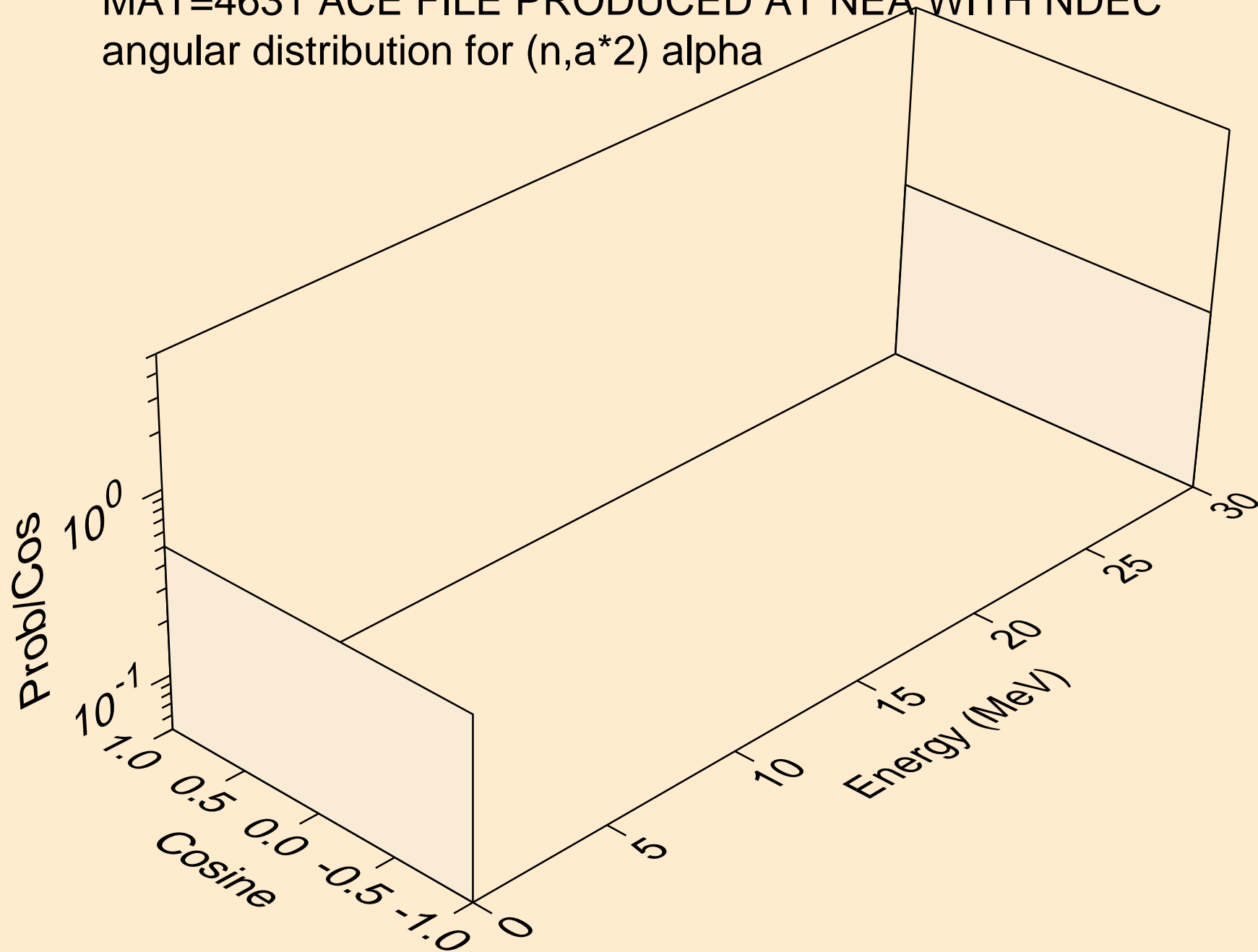
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angular distribution for (n,a*0) alpha



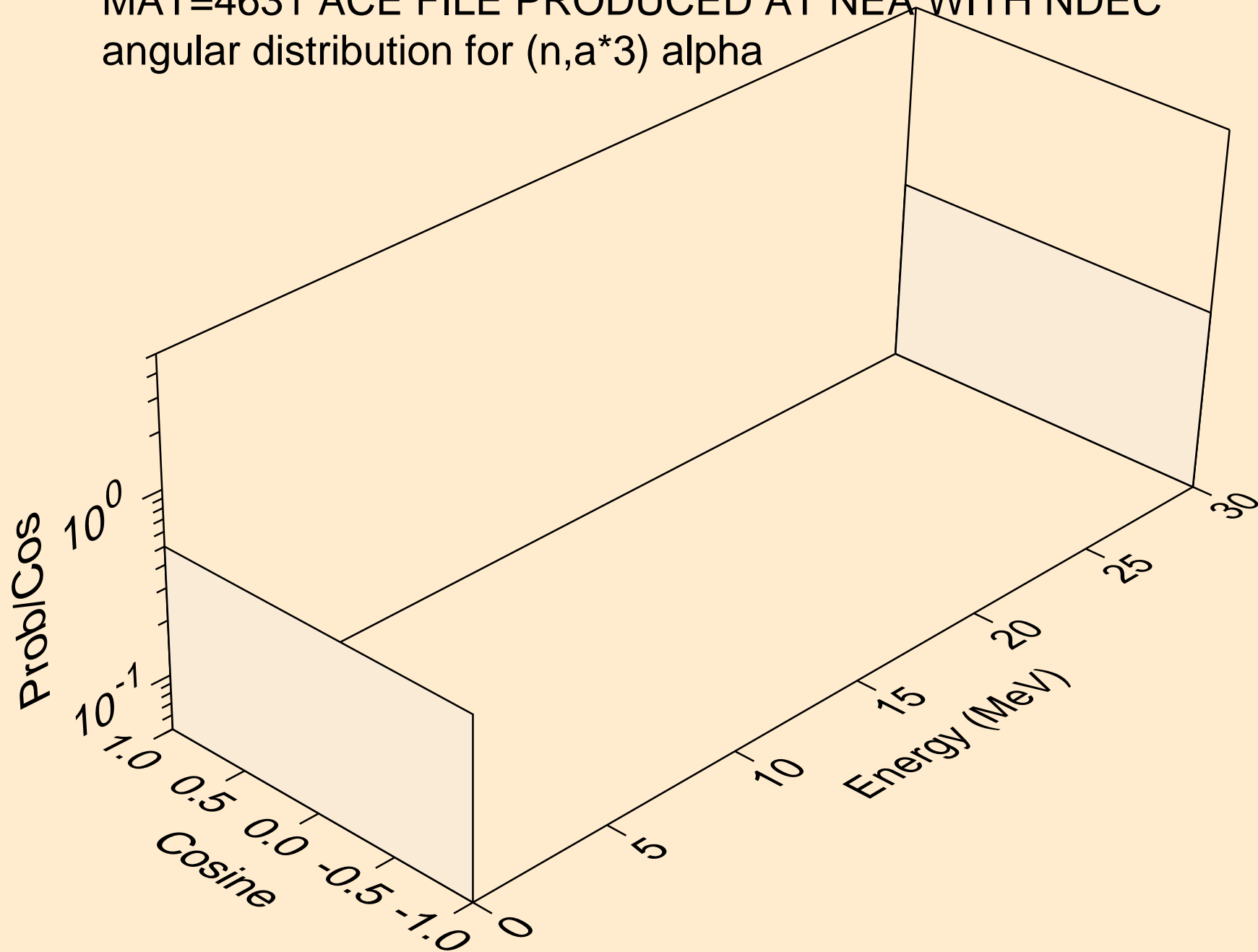
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angular distribution for (n,a*1) alpha



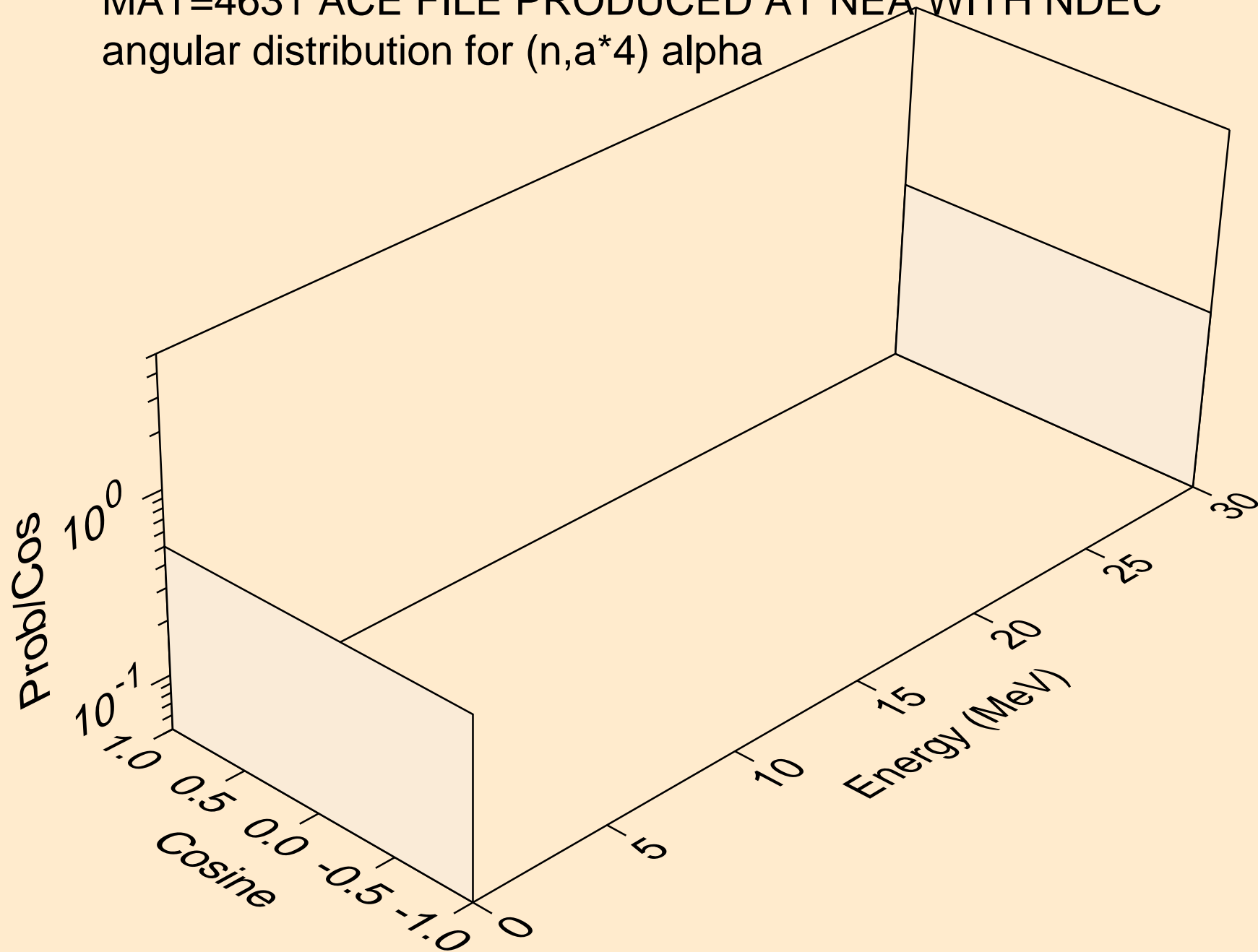
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angular distribution for (n,a*2) alpha



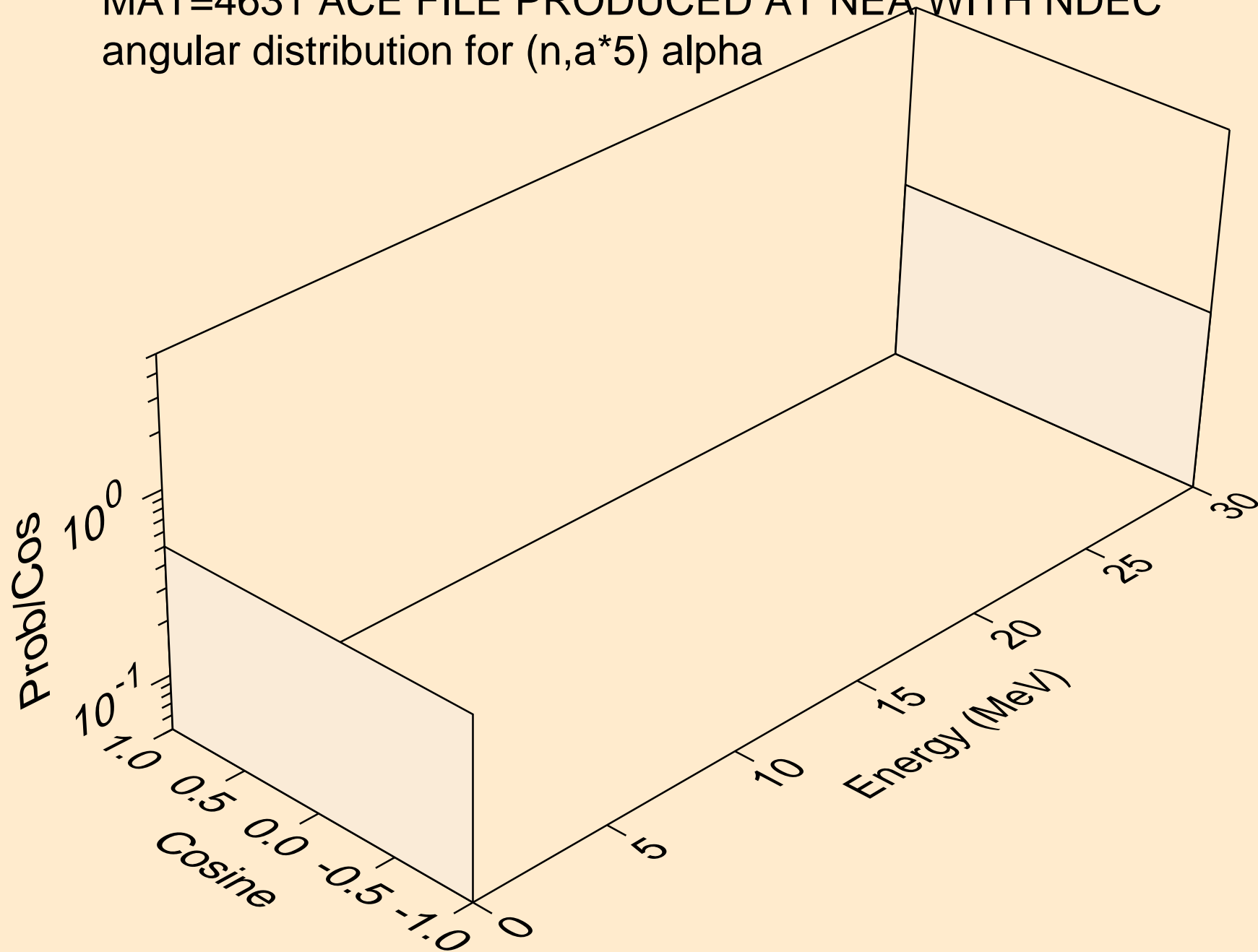
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angular distribution for (n,a*3) alpha



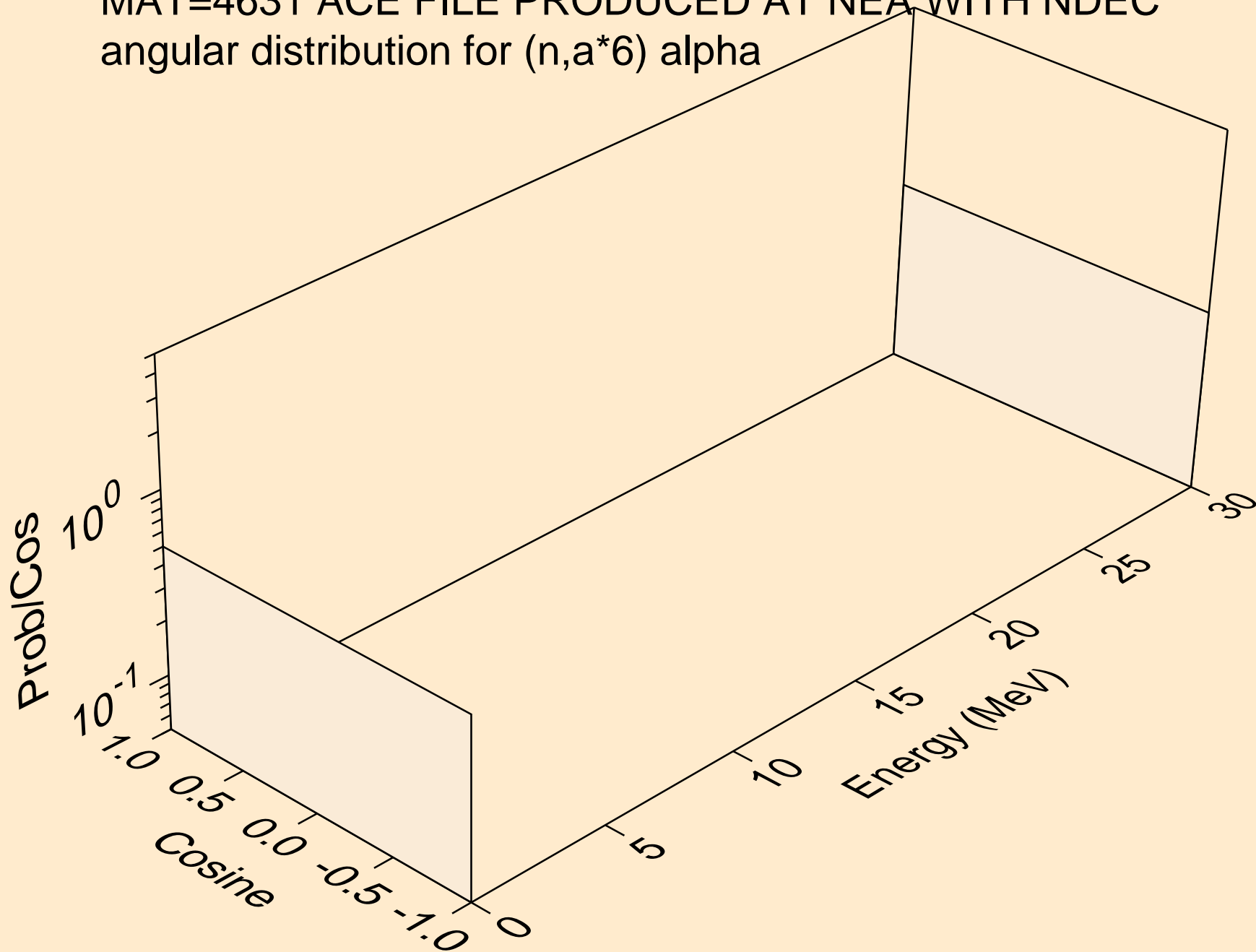
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angular distribution for (n,a*4) alpha



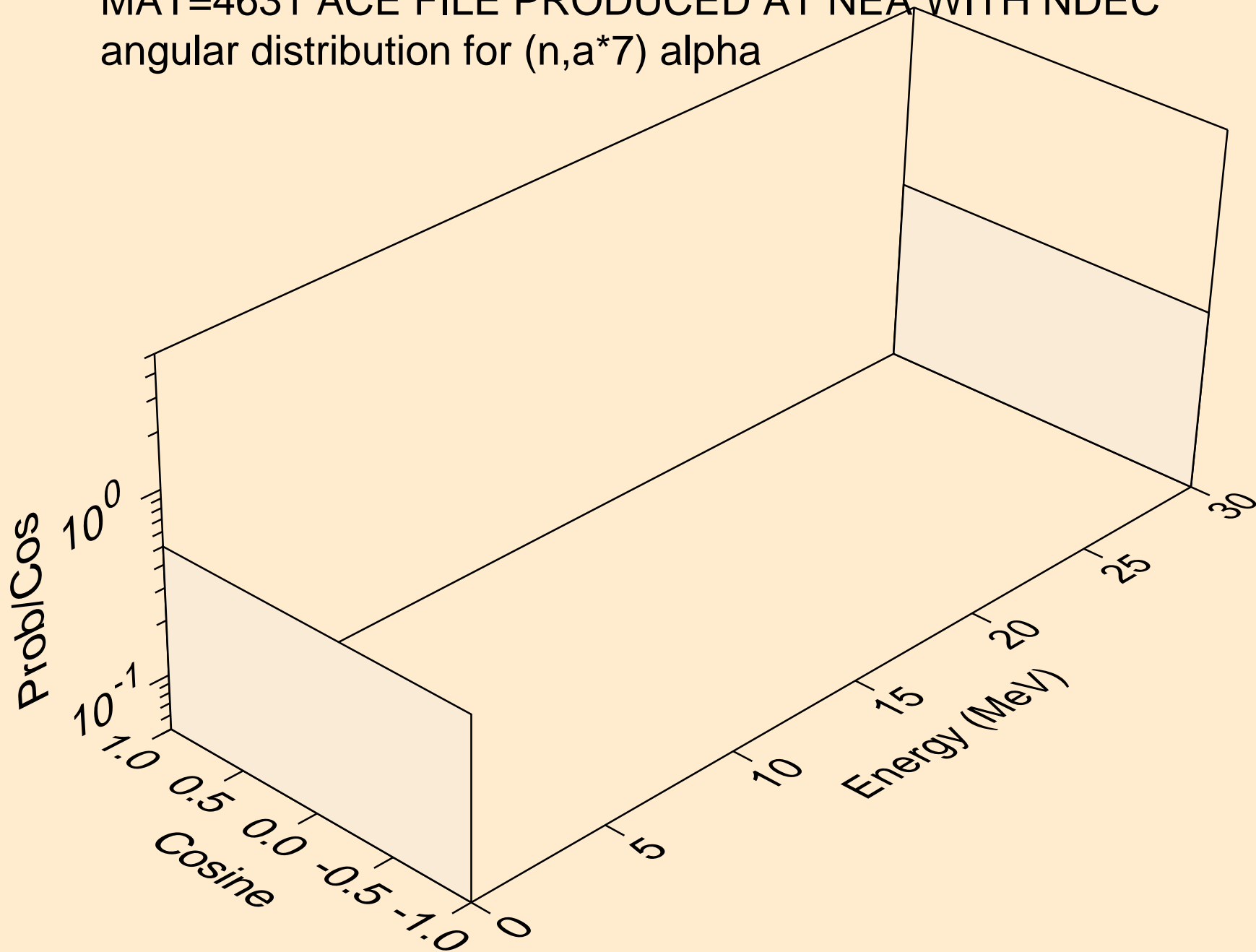
MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,a*5) alpha



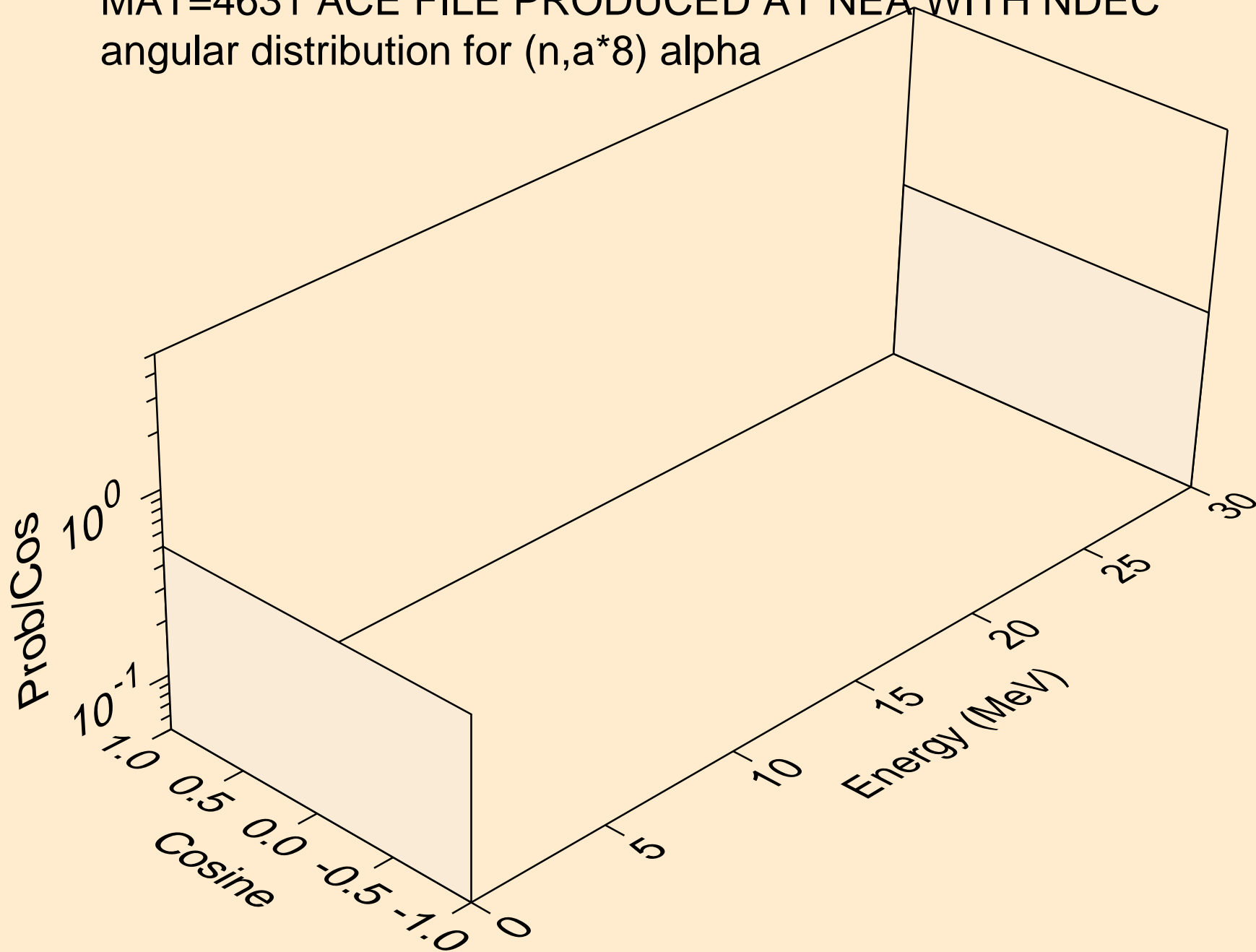
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angular distribution for (n,a*6) alpha



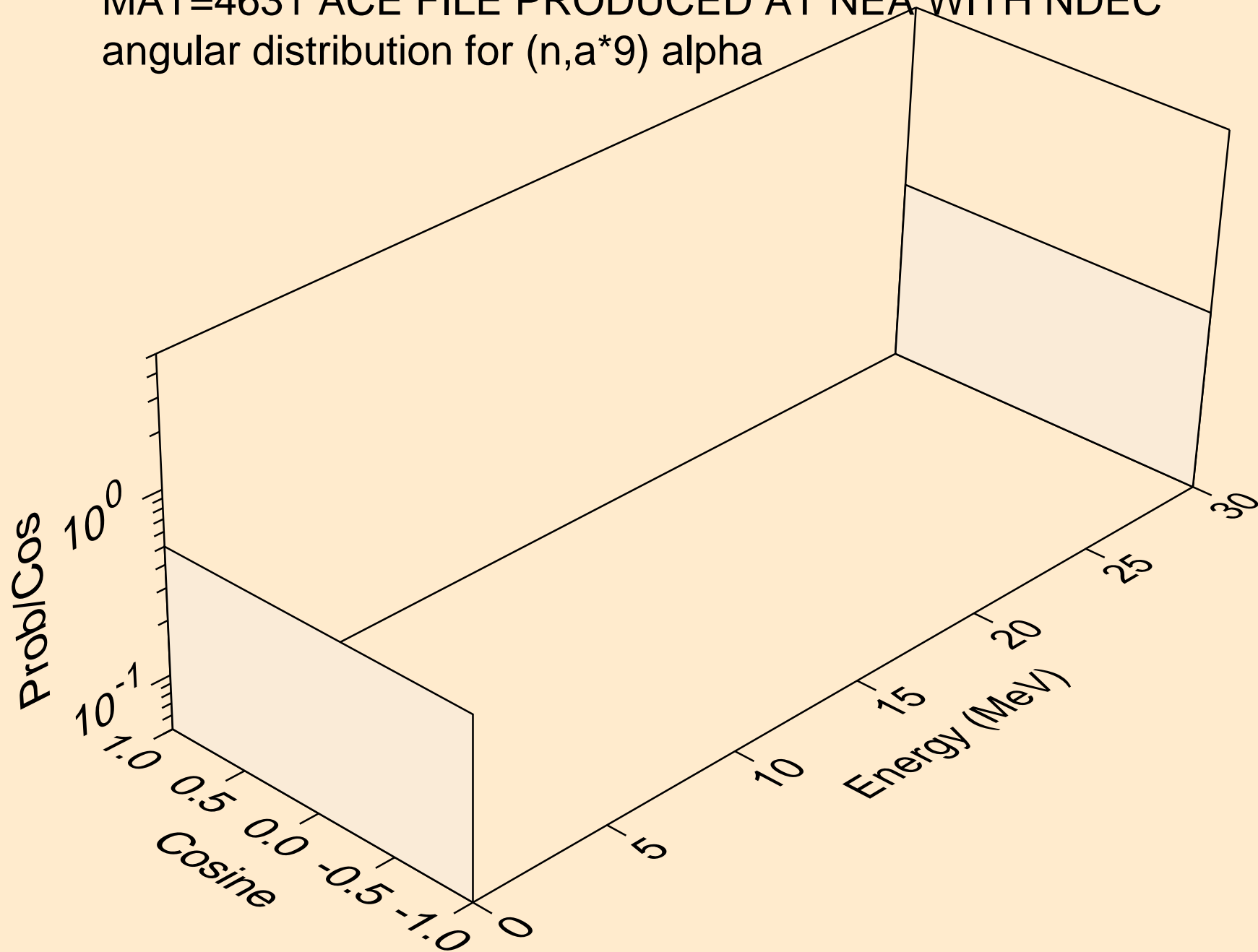
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angular distribution for (n,a*7) alpha



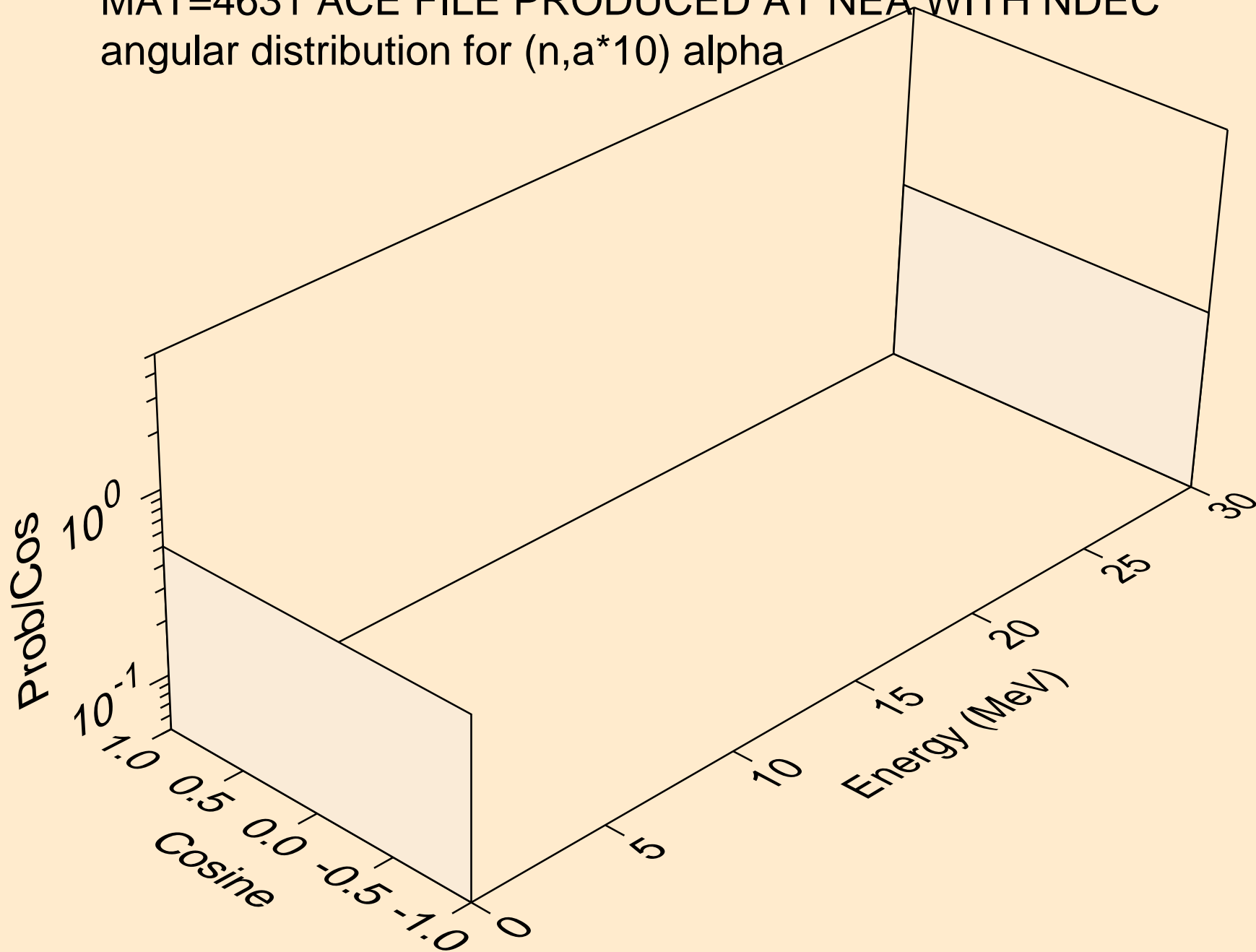
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angular distribution for (n,a*8) alpha



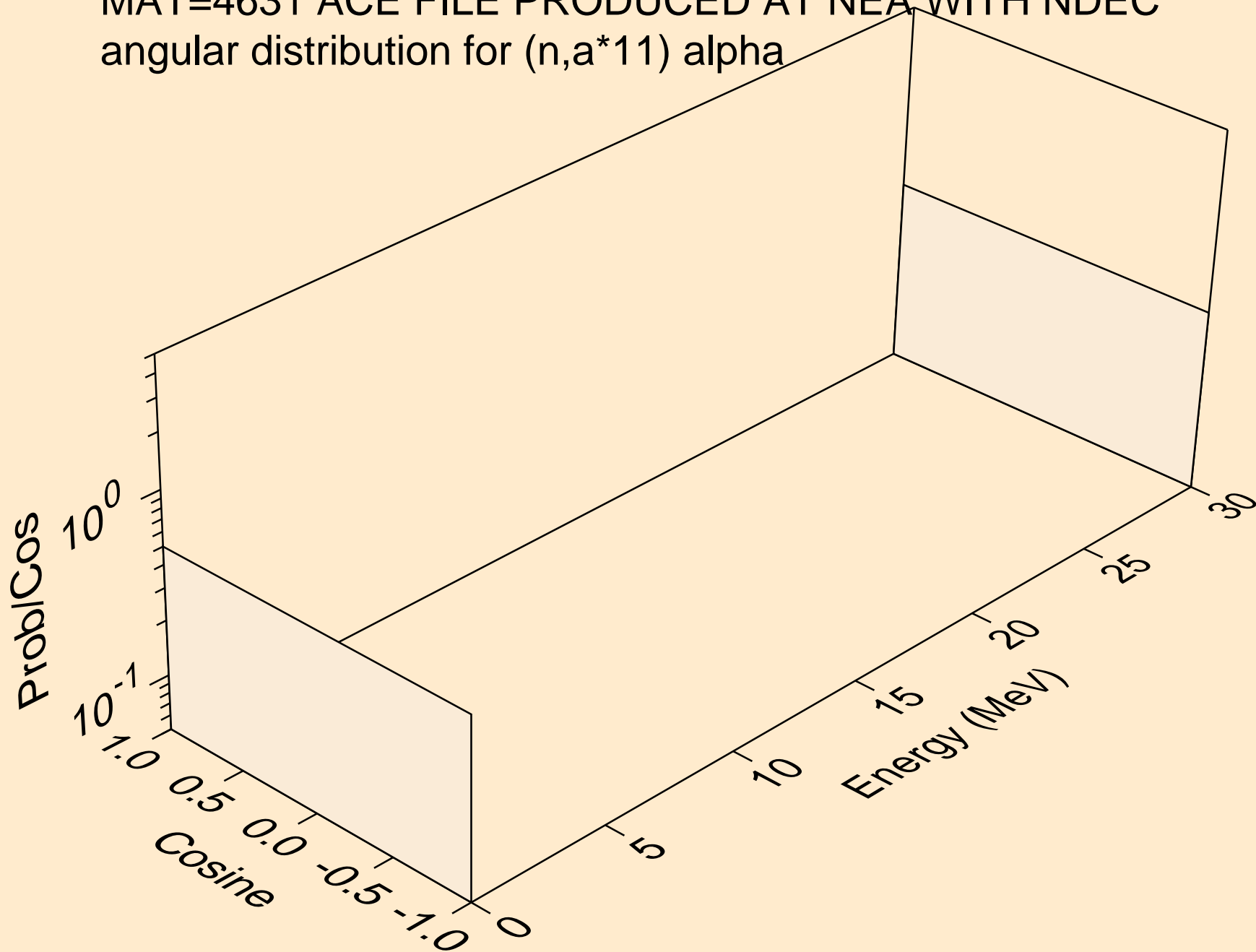
MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,a*9) alpha



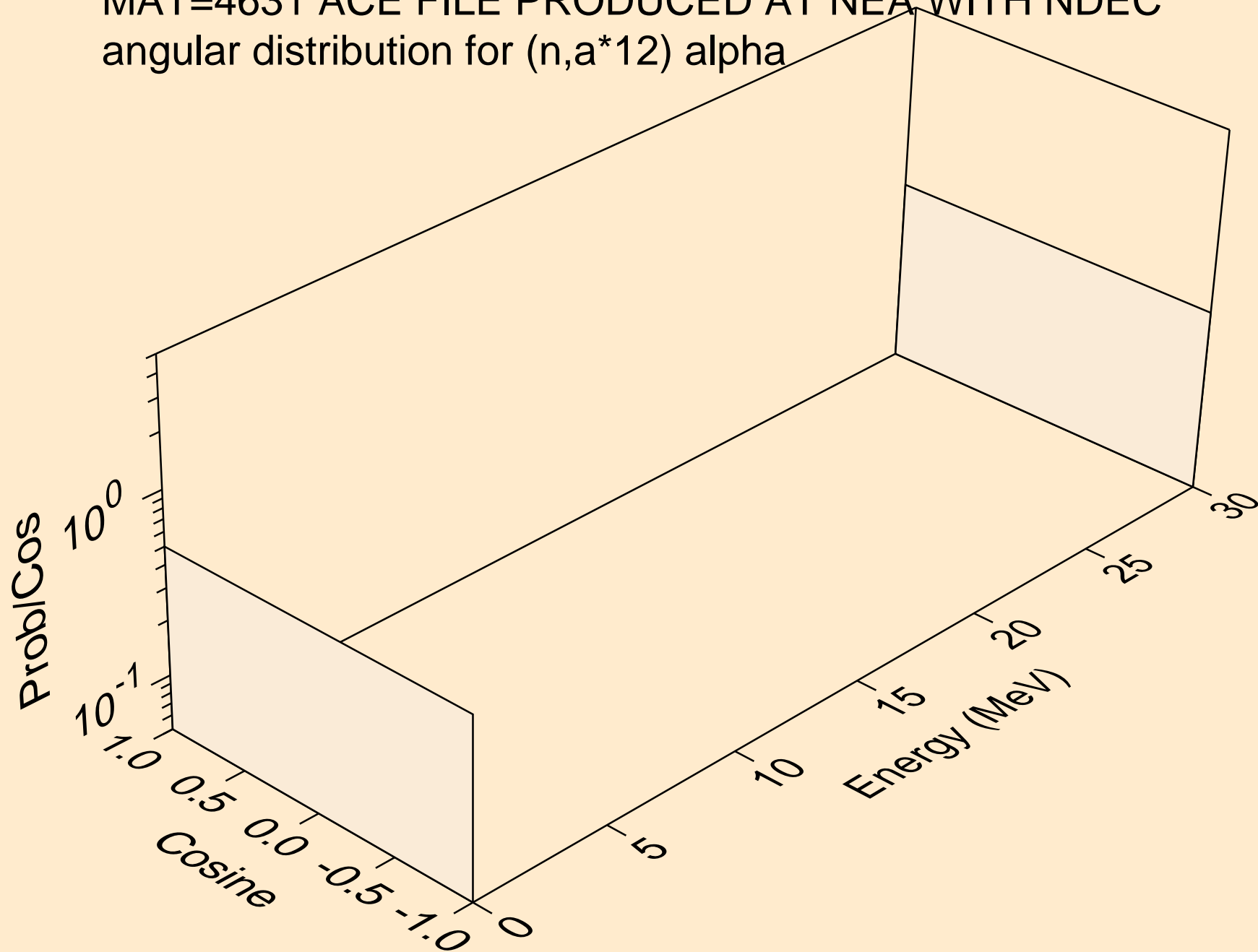
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angular distribution for (n,a*10) alpha



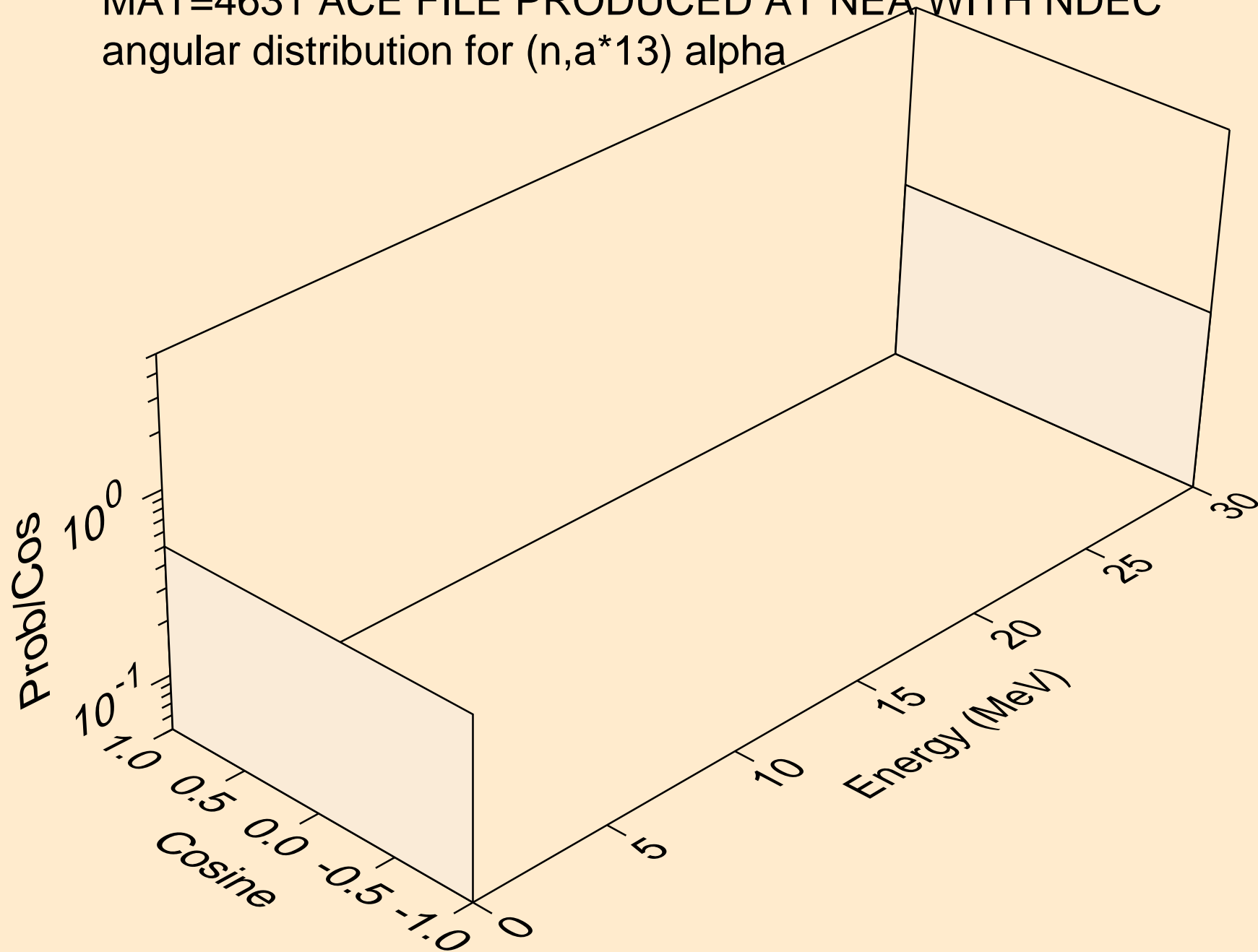
MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,a*11) alpha



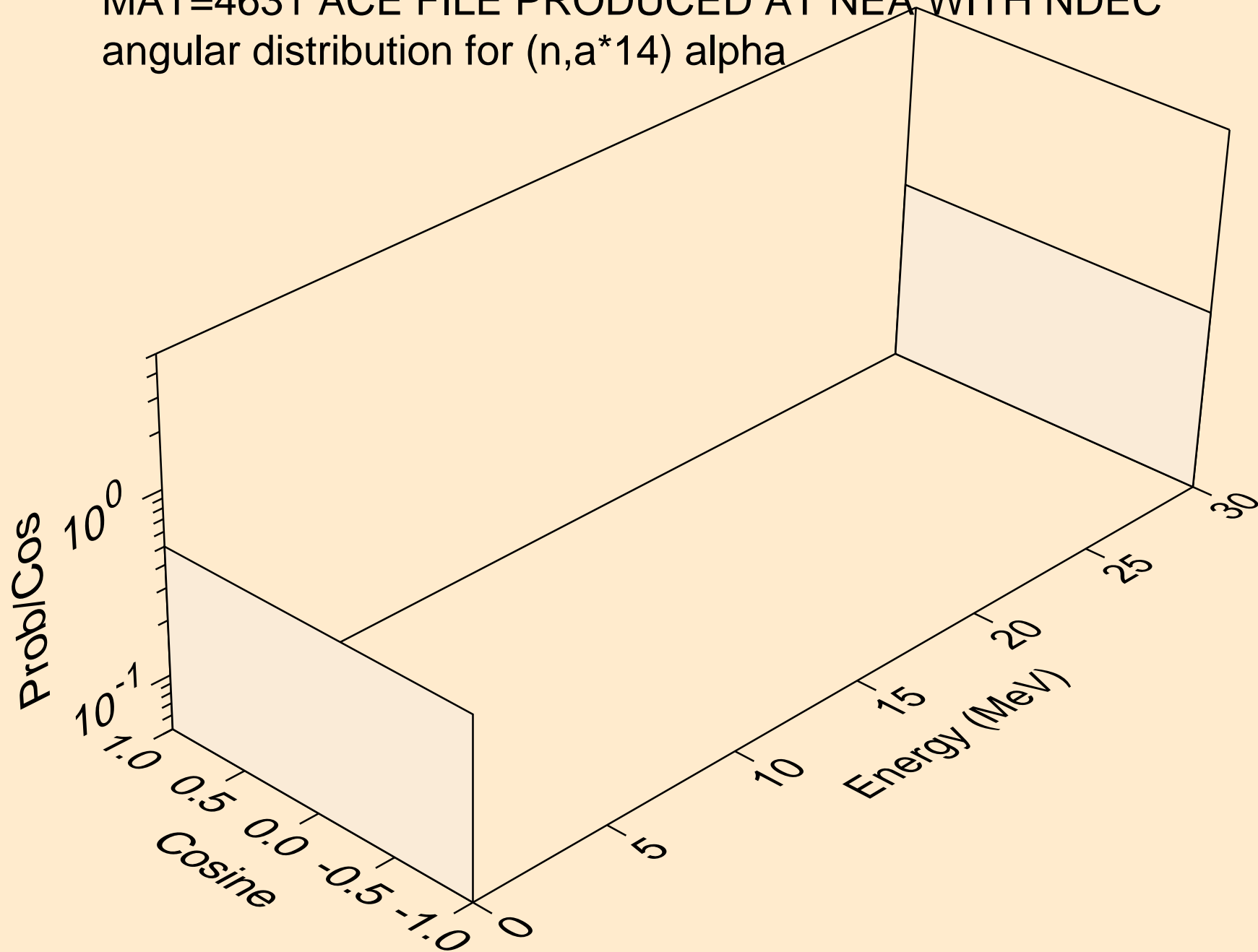
MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,a*12) alpha



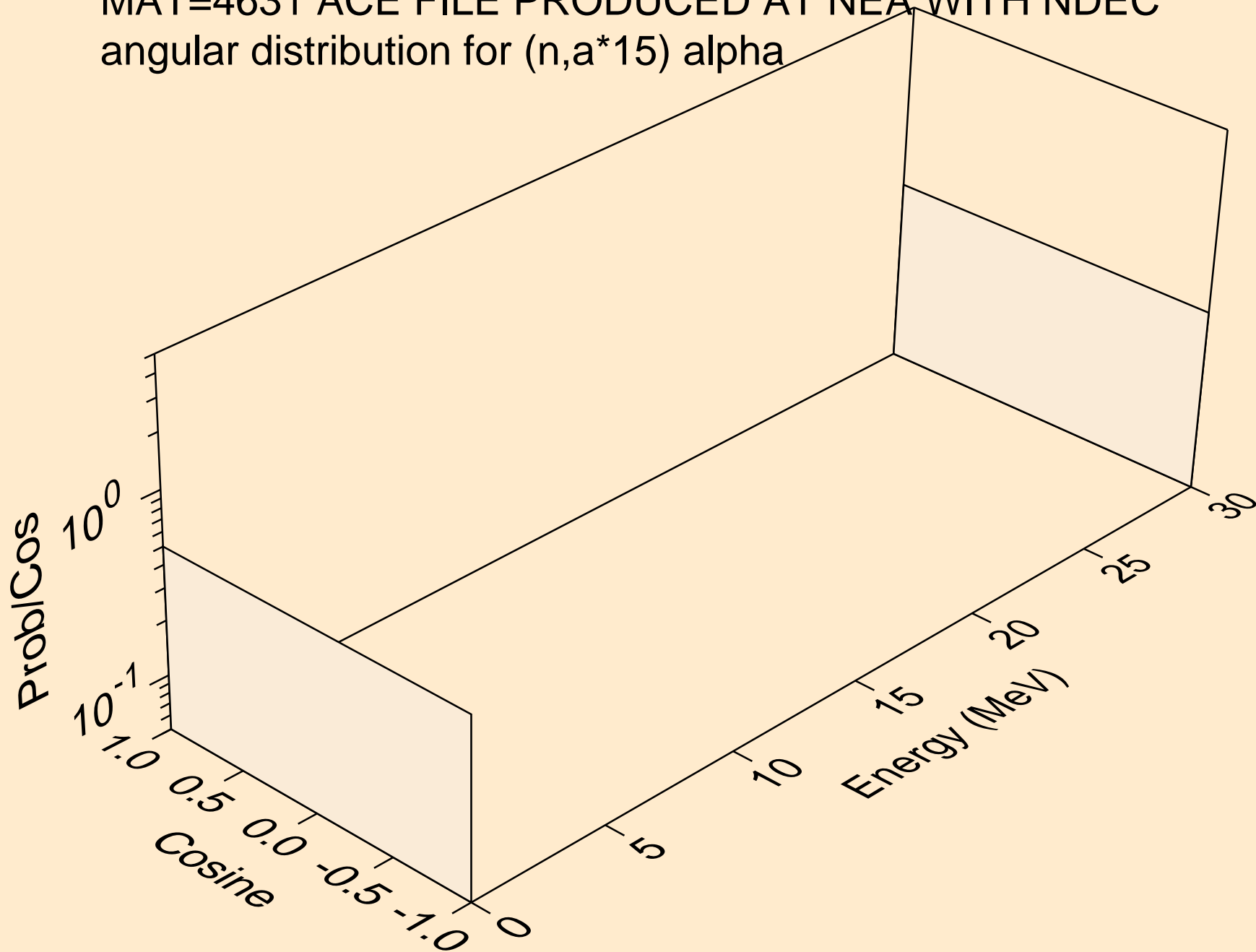
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angular distribution for (n,a*13) alpha



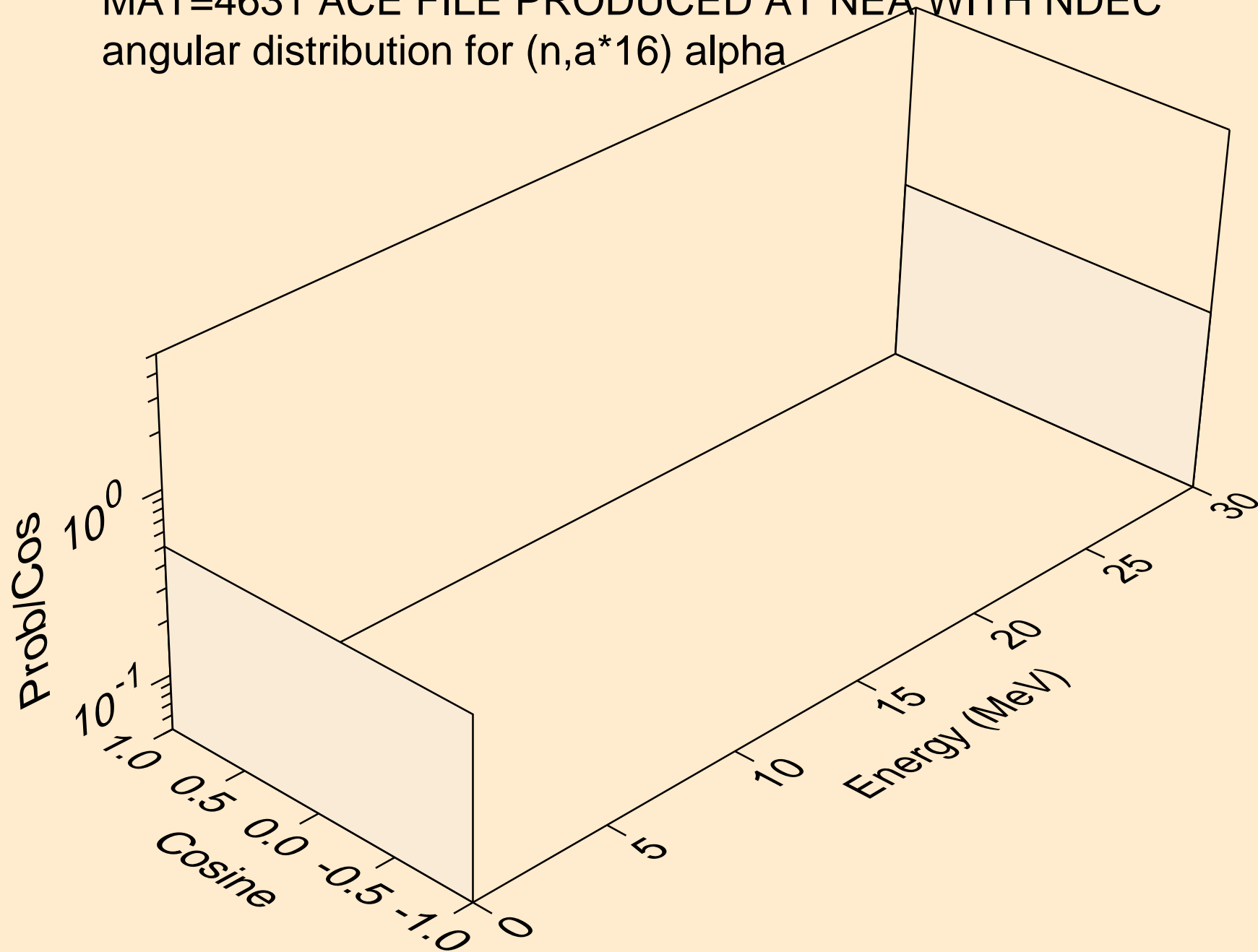
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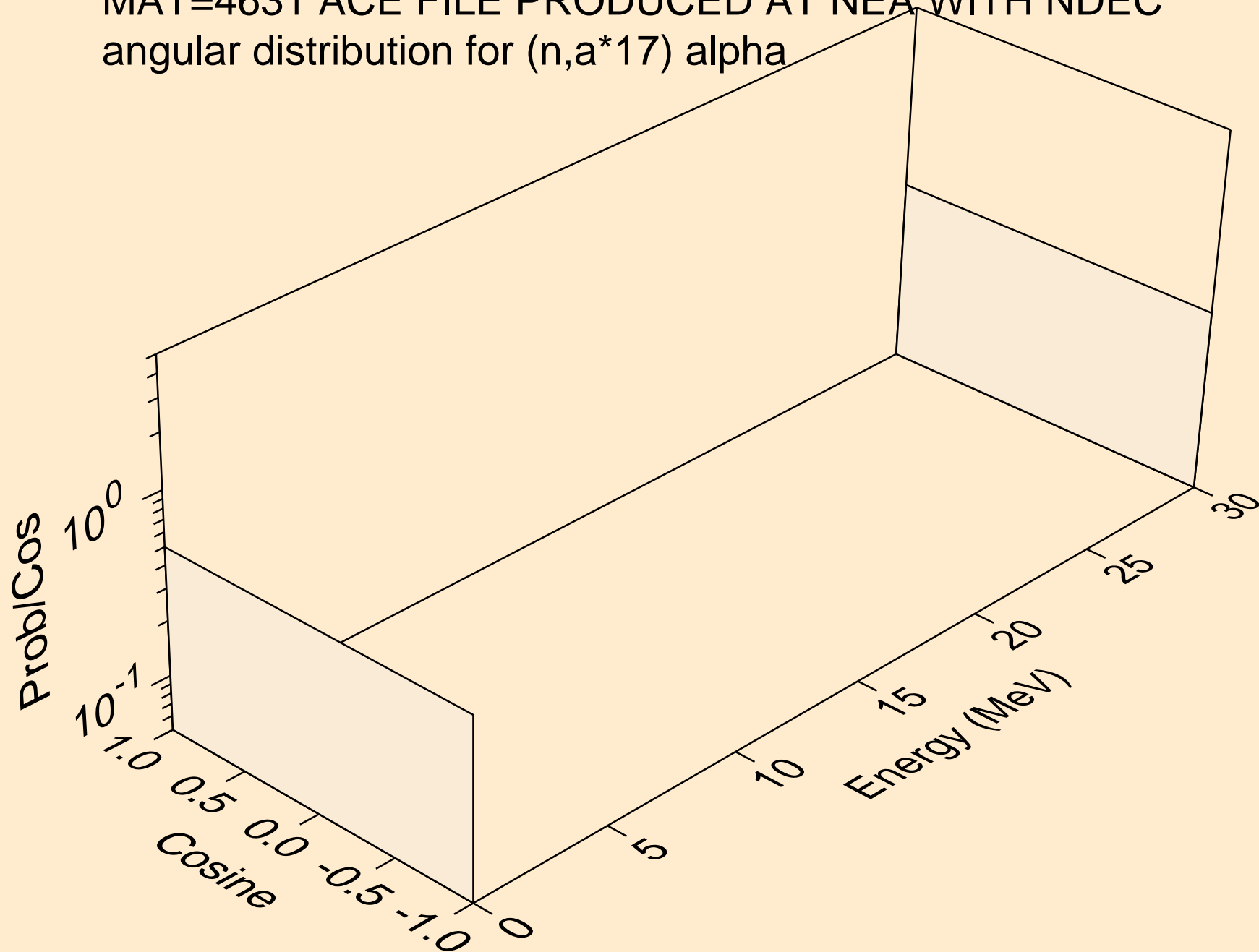
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angular distribution for (n,a*15) alpha



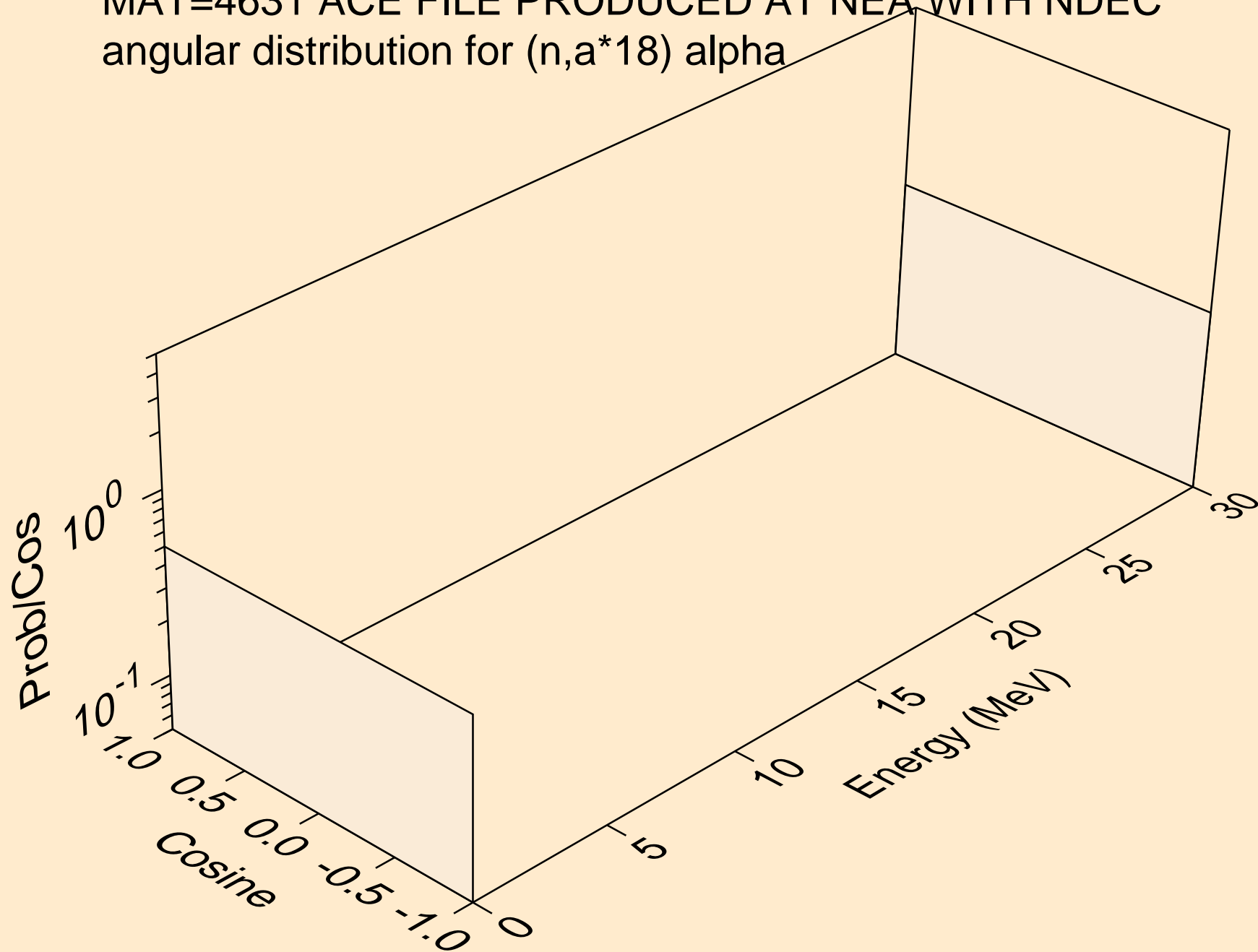
MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,a*16) alpha



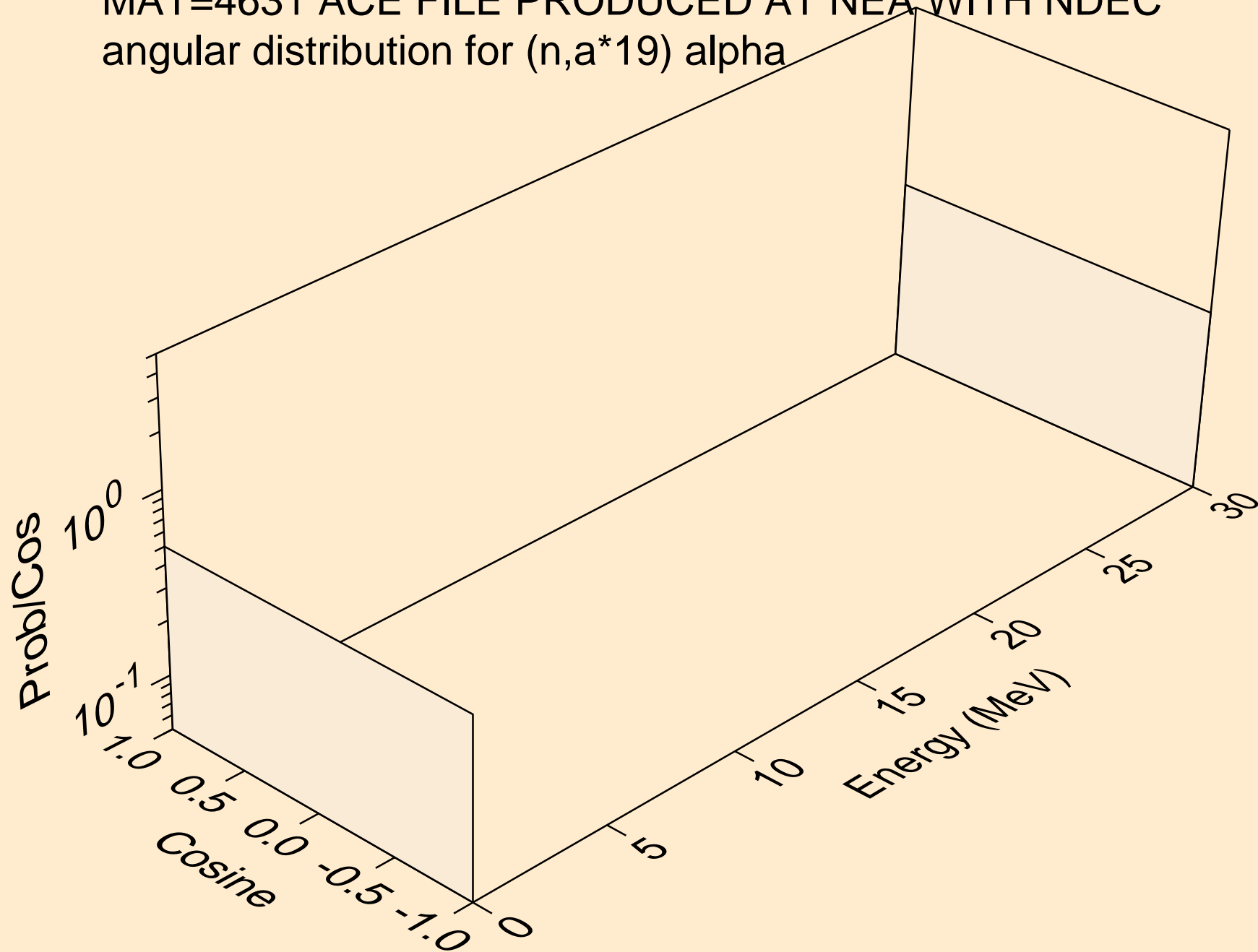
MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,a*17) alpha



MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,a*18) alpha



MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,a*19) alpha



MAT=4631 ACE FILE PRODUCED AT NEA WITH NDEC
alphas from (n,a*c)

