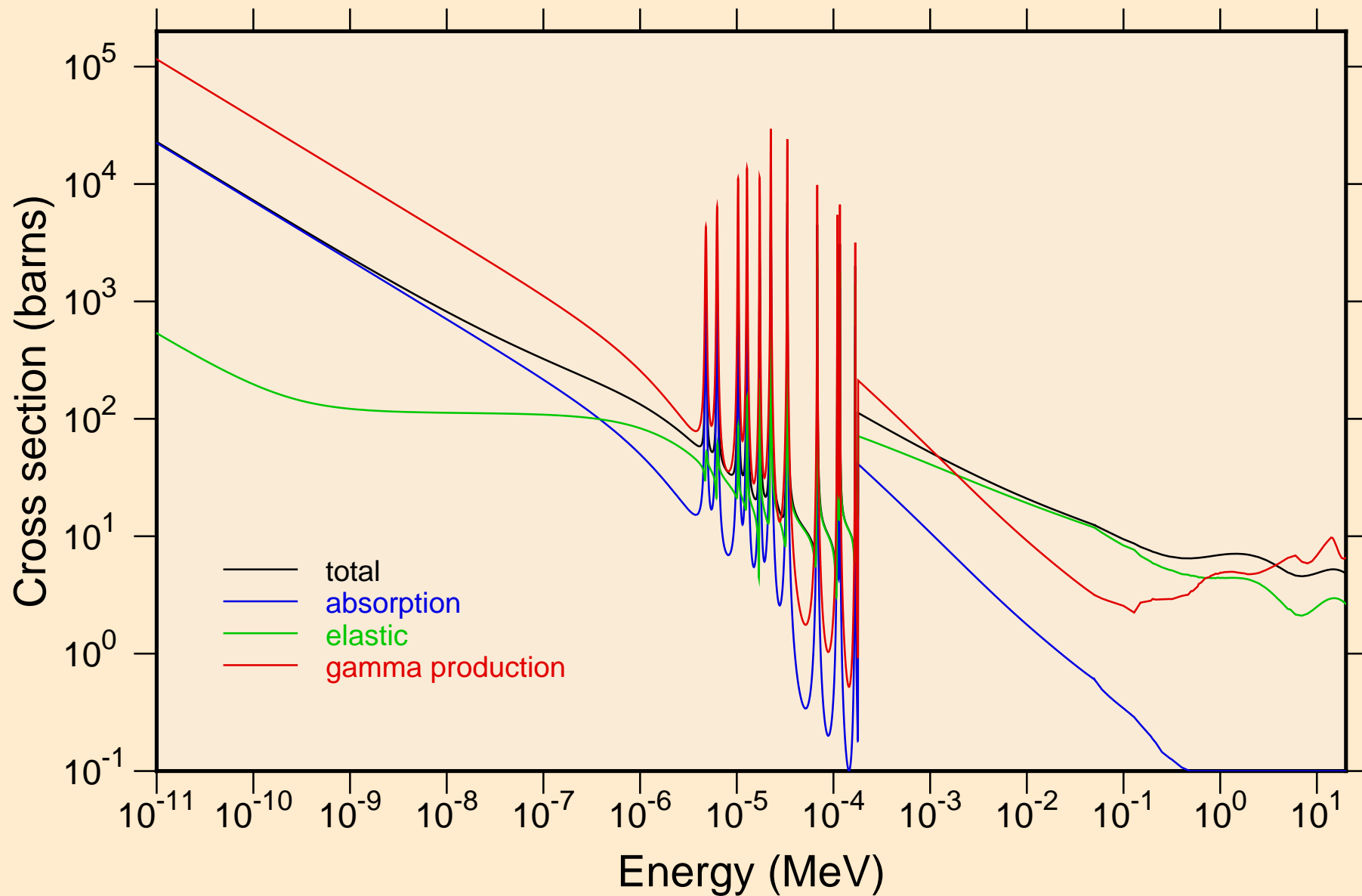
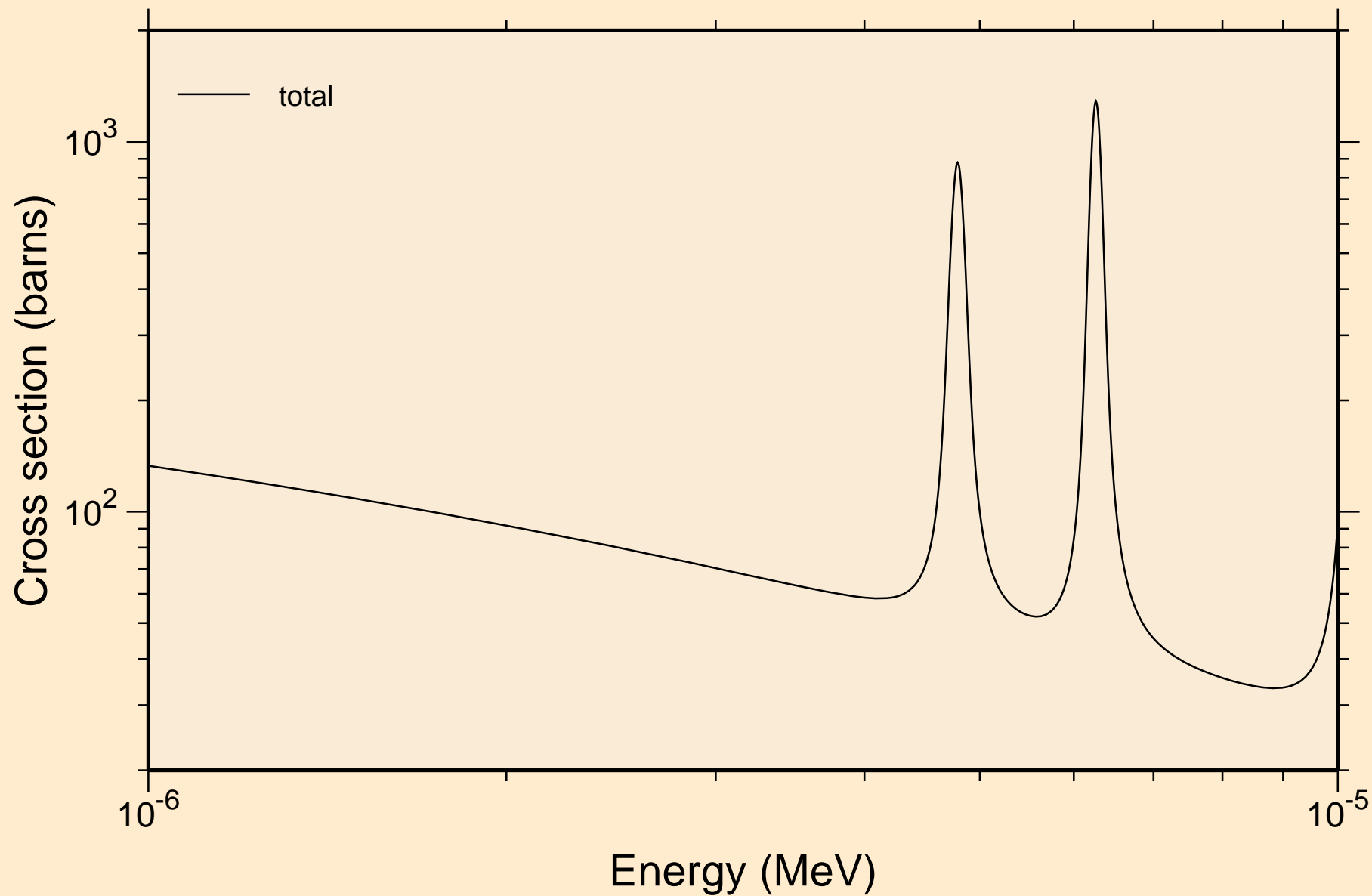


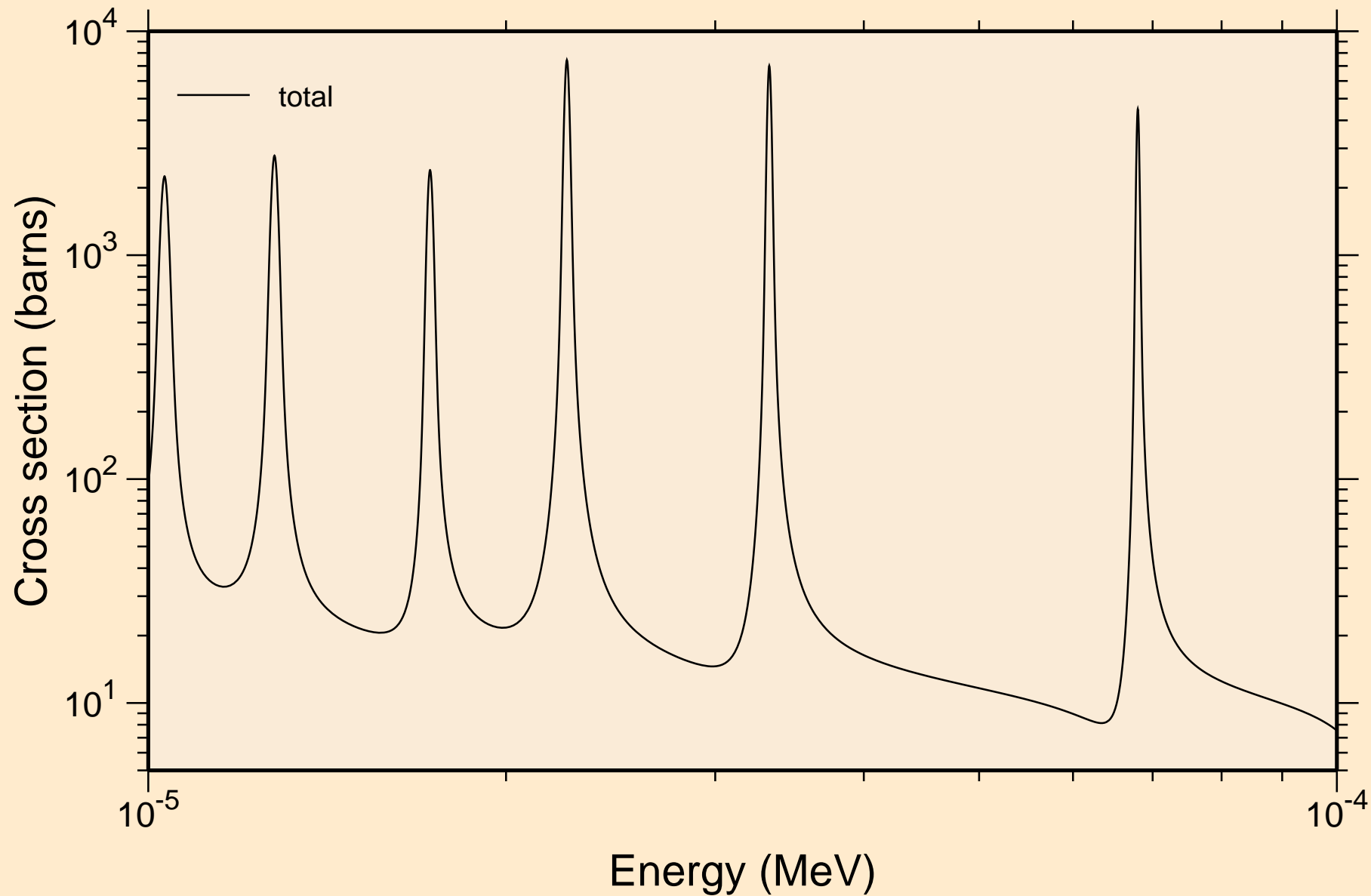
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Principal cross sections



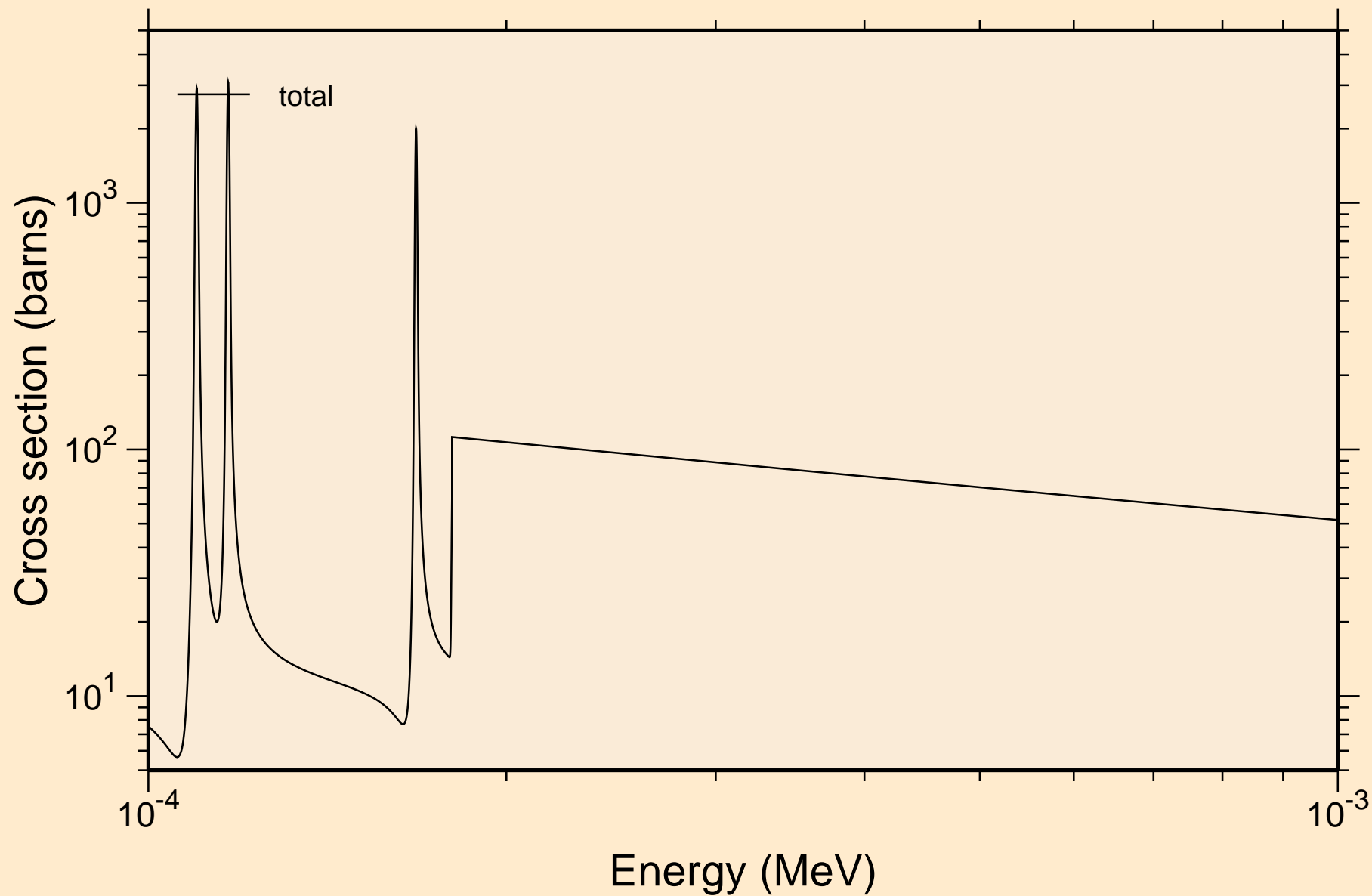
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance total cross section



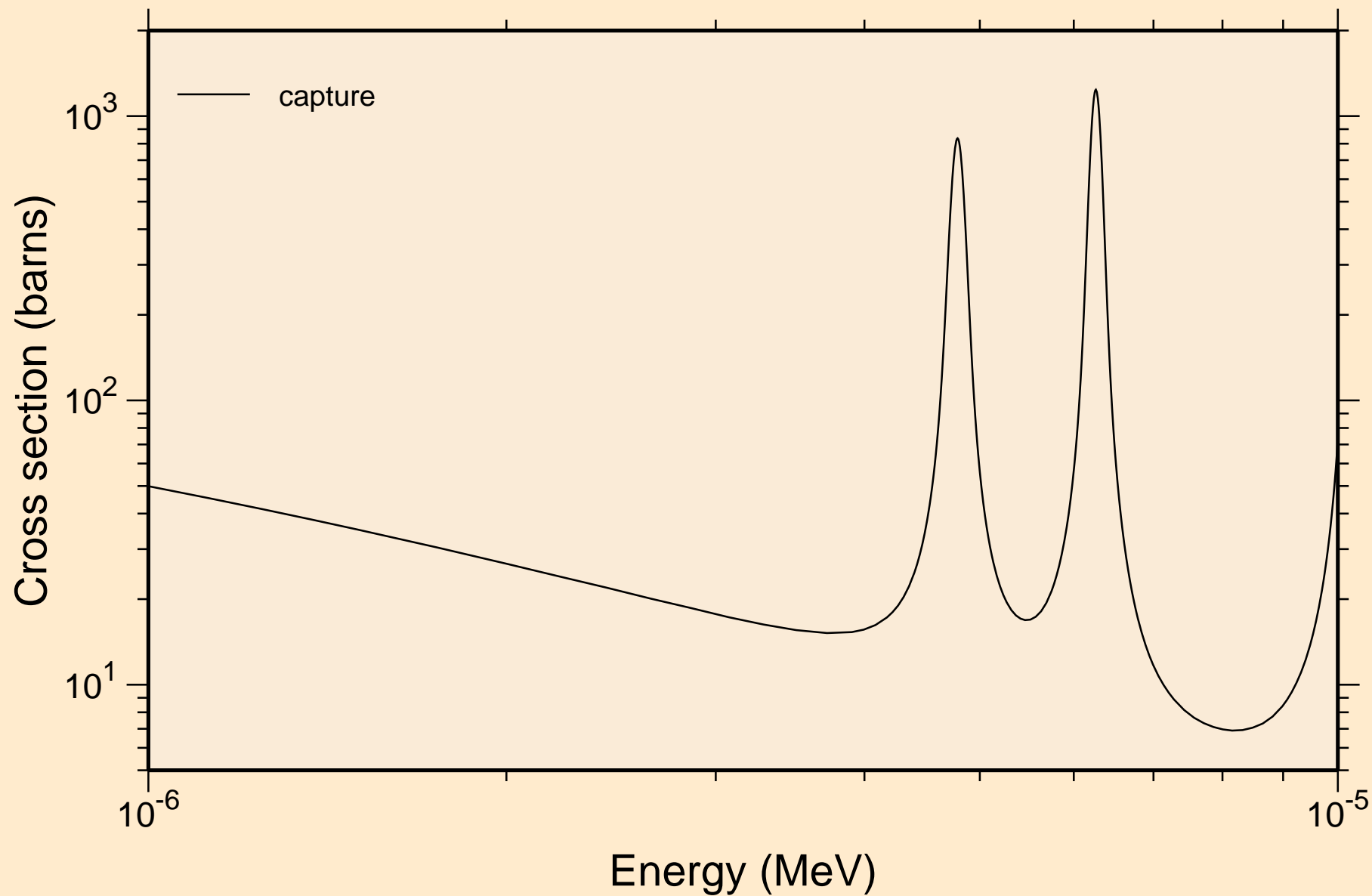
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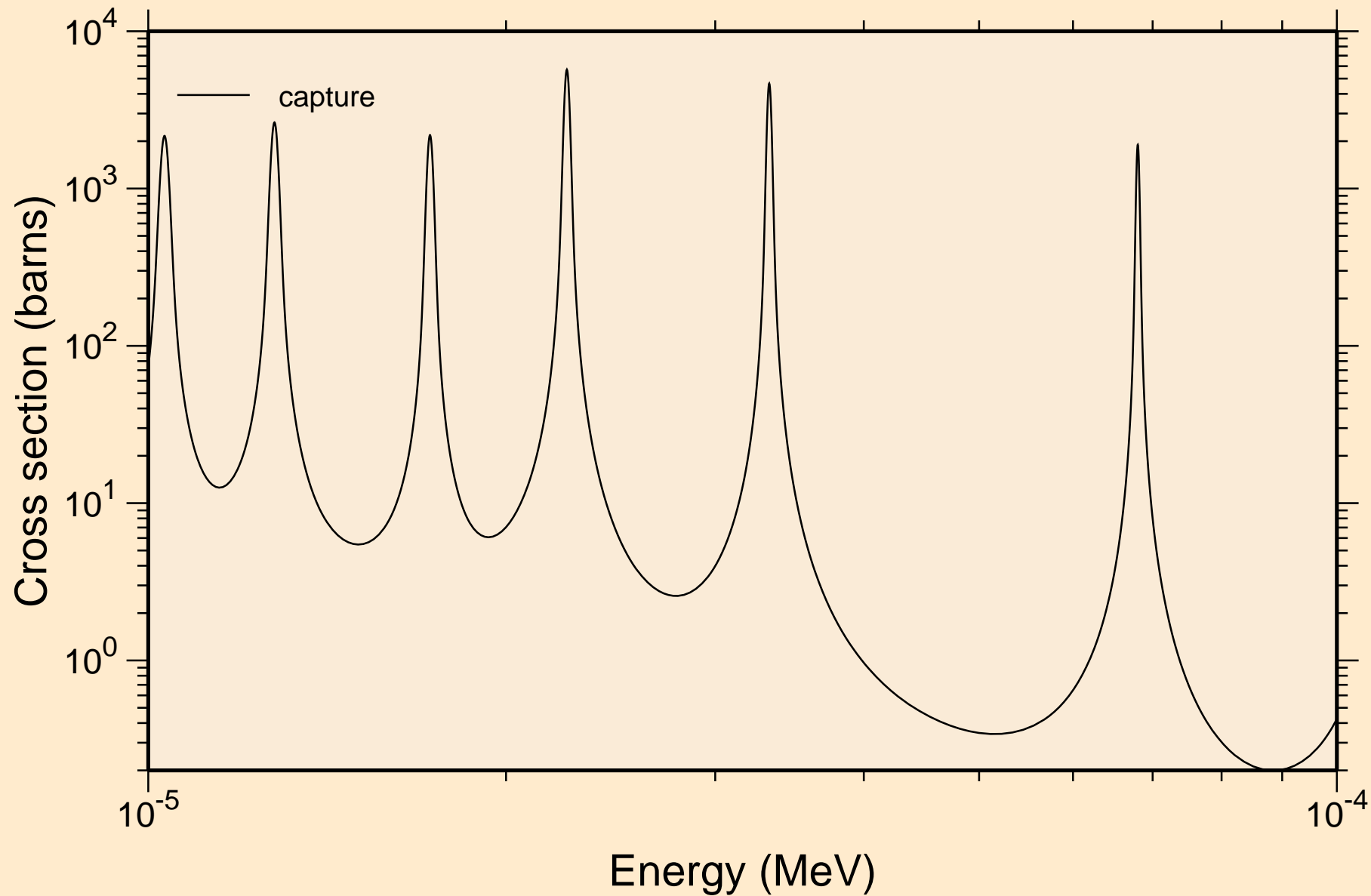
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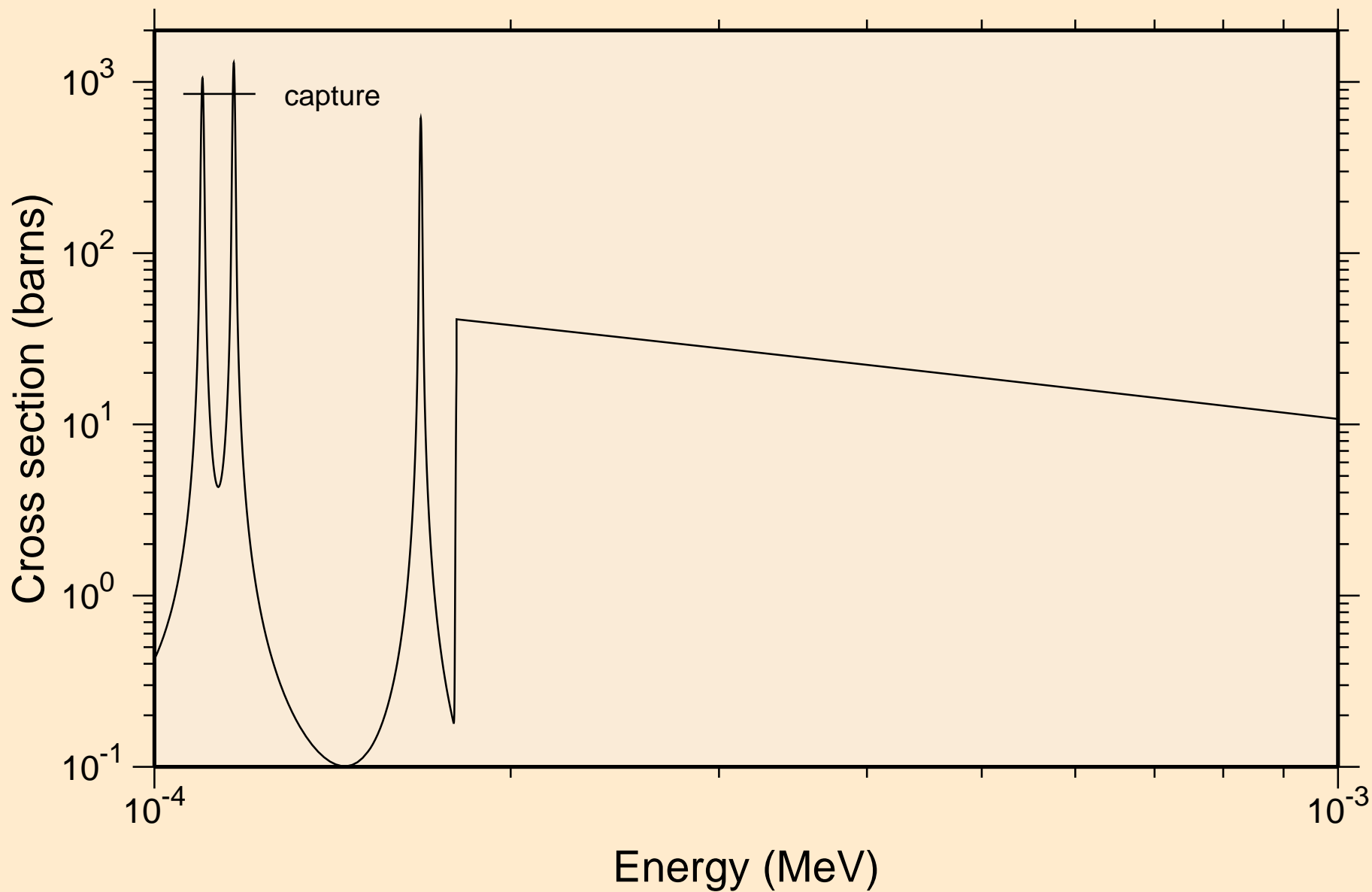
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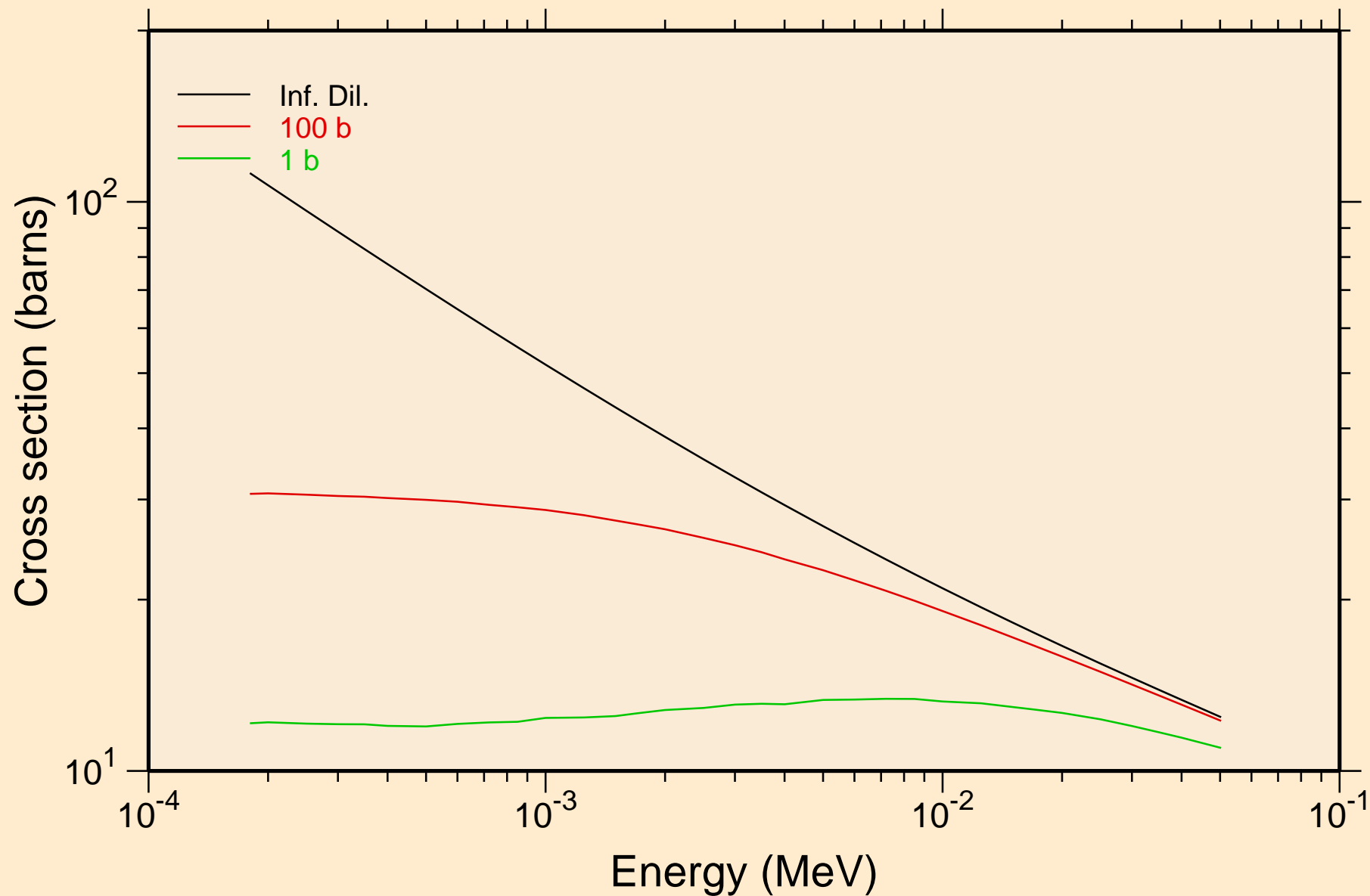
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resonance absorption cross sections



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
resonance absorption cross sections

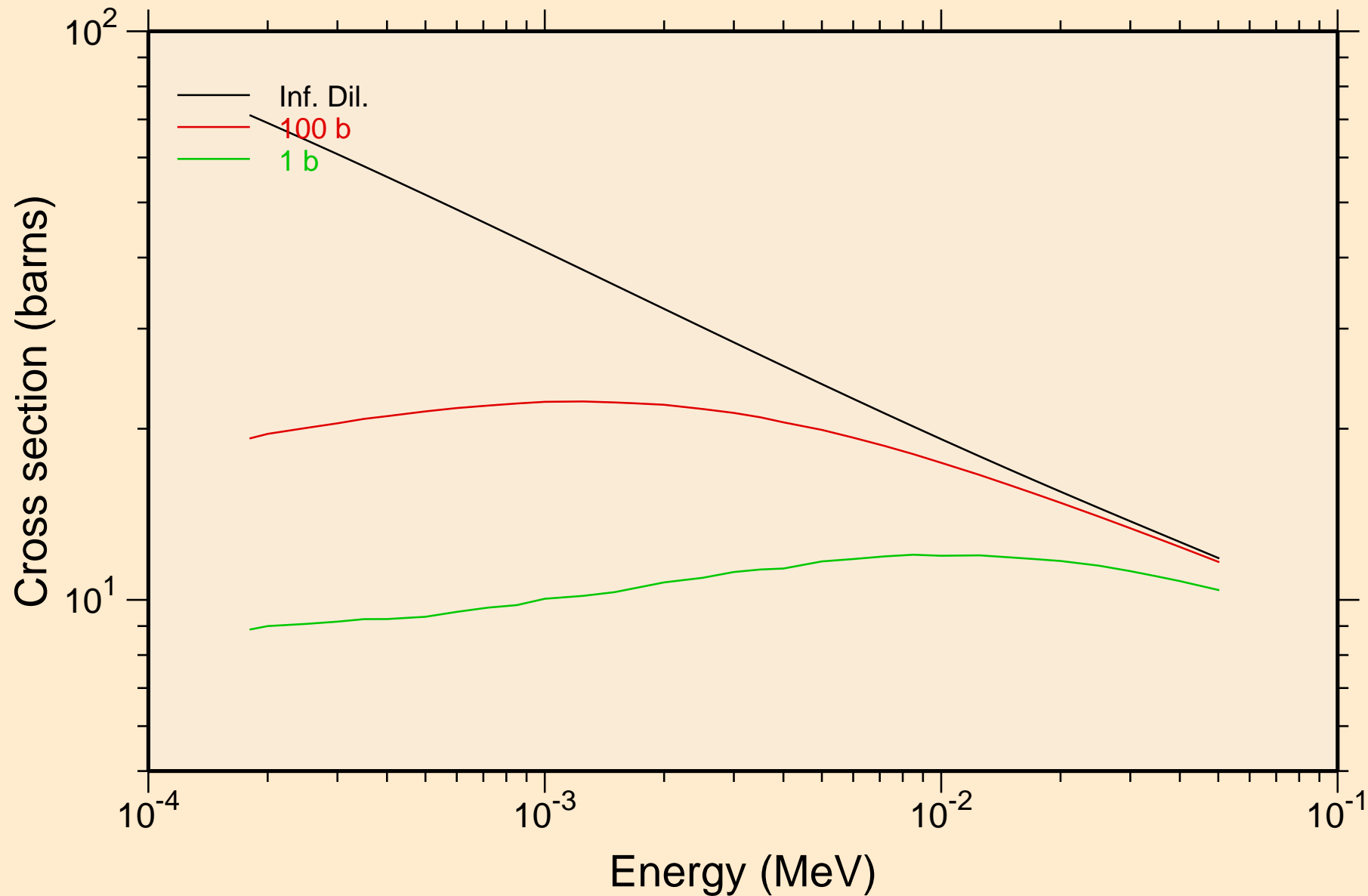


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UR total cross section

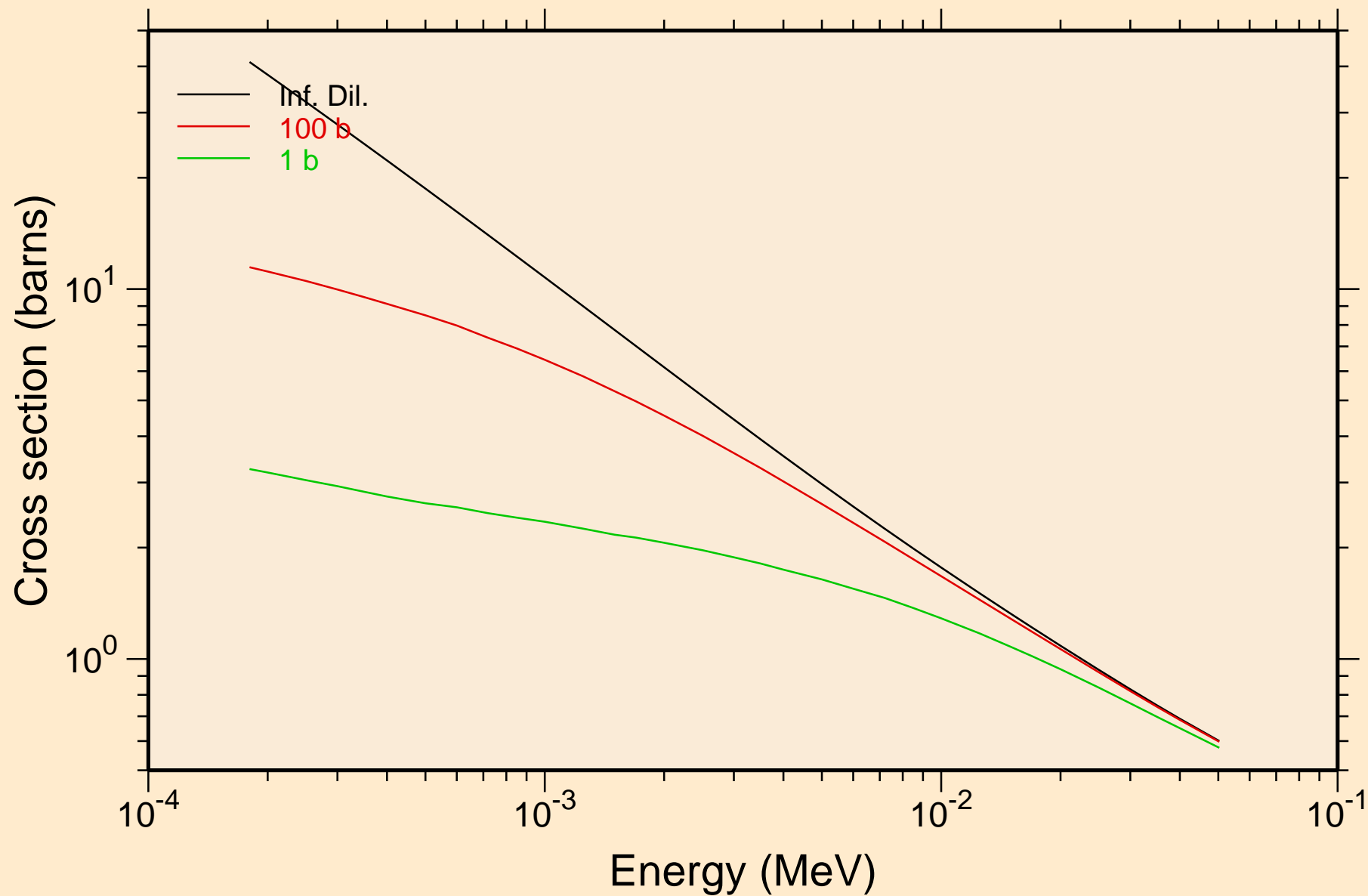




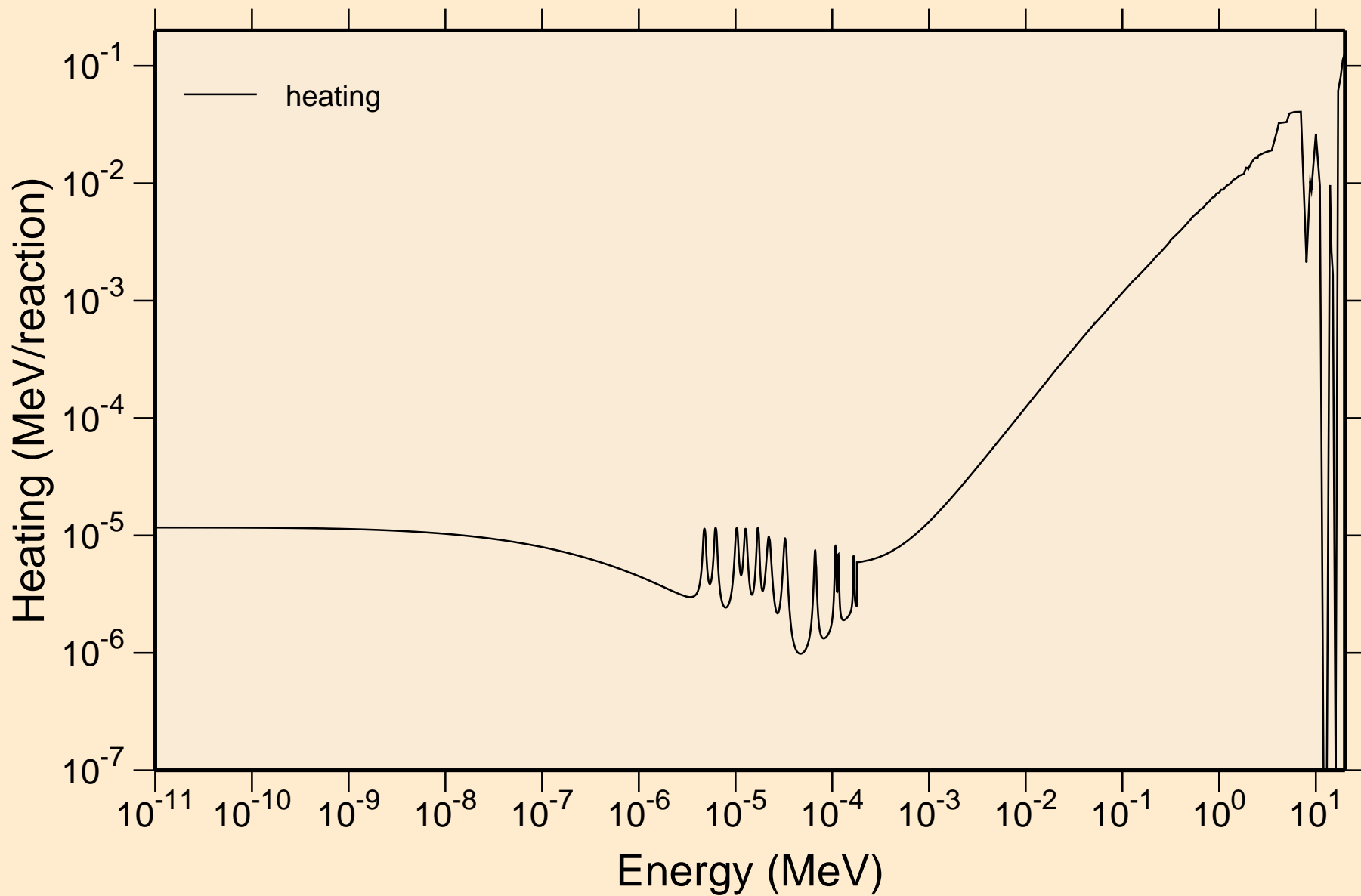
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UR elastic cross section



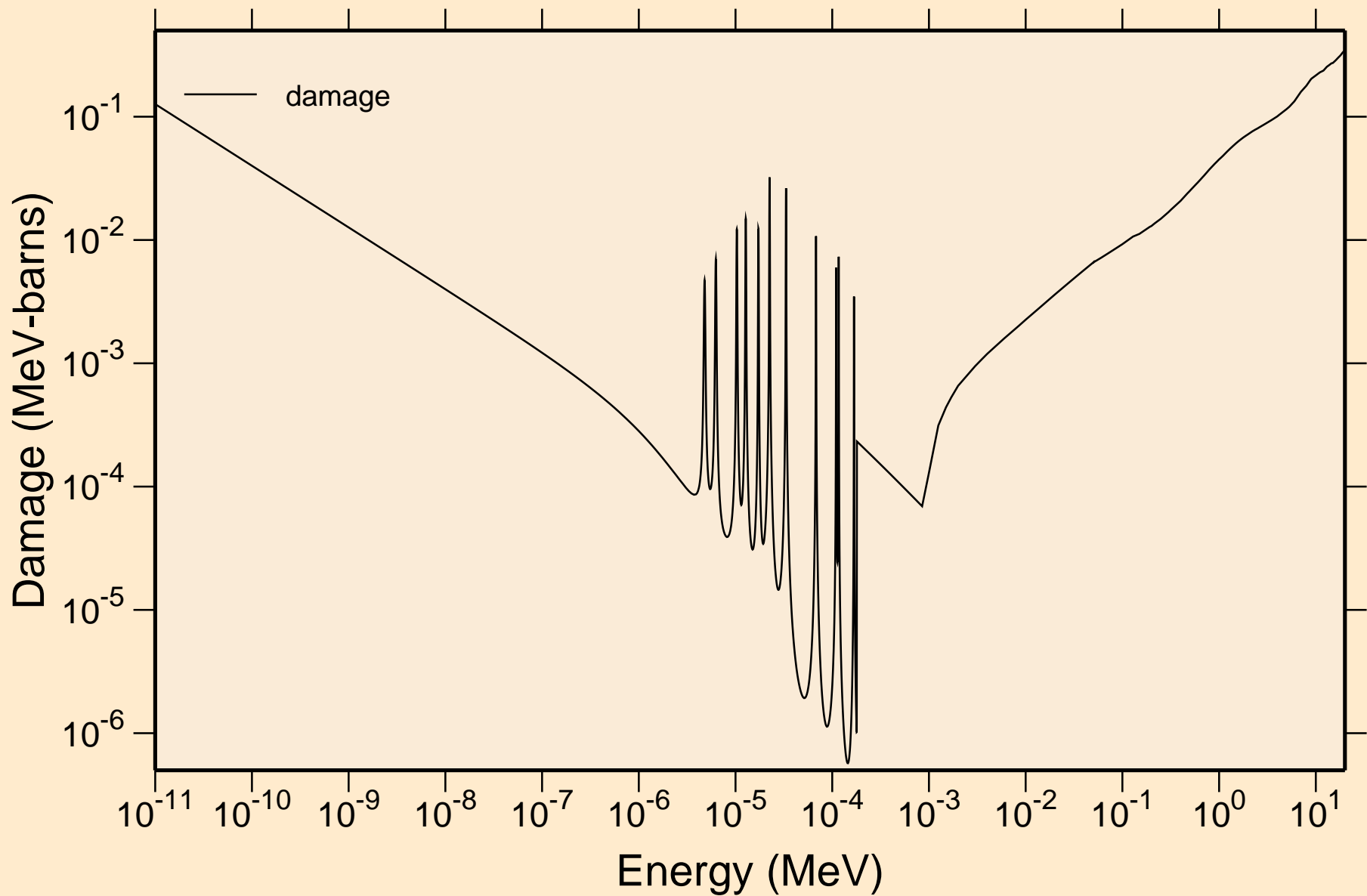
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UR capture cross section



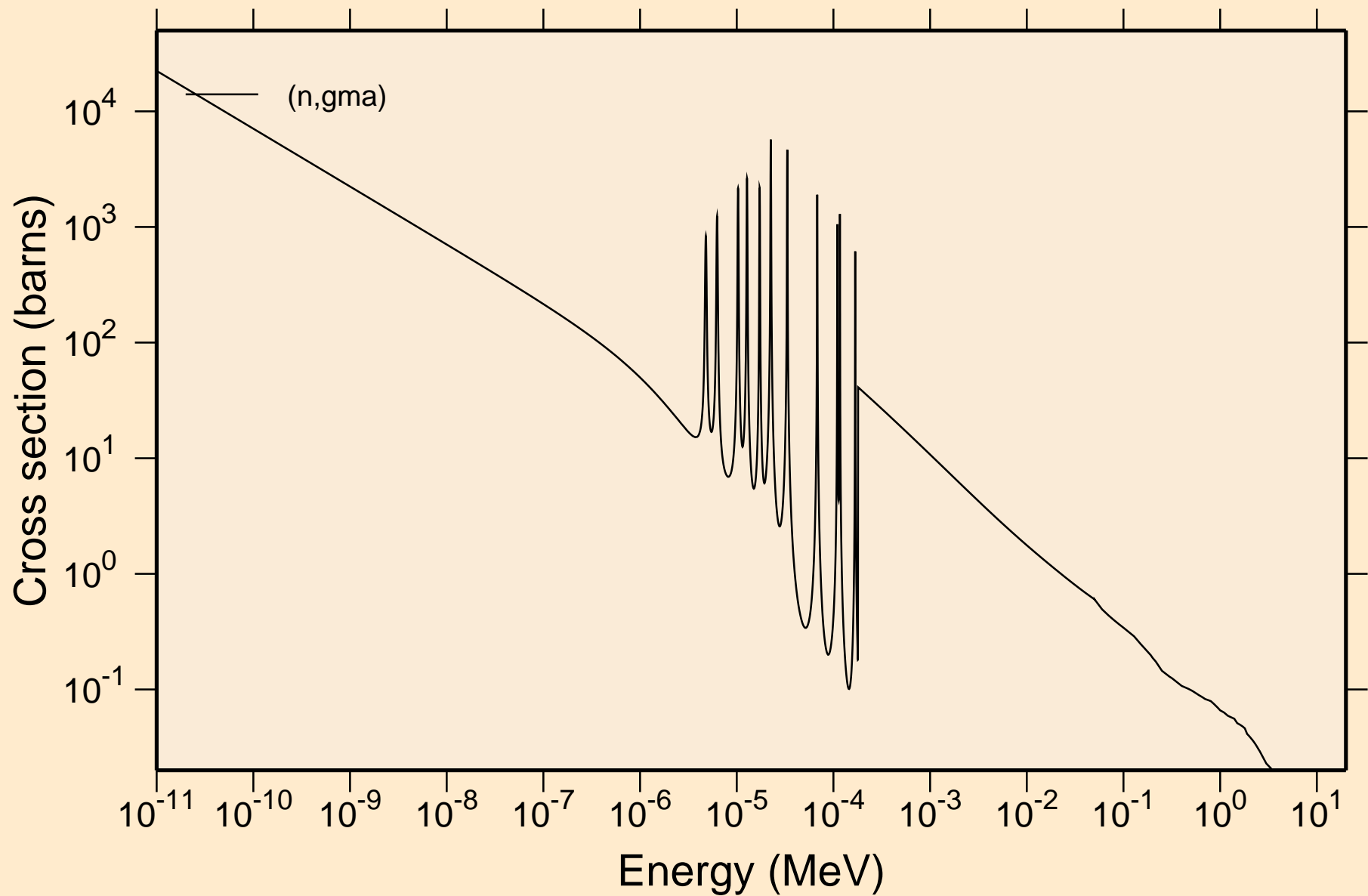
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Heating



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Damage

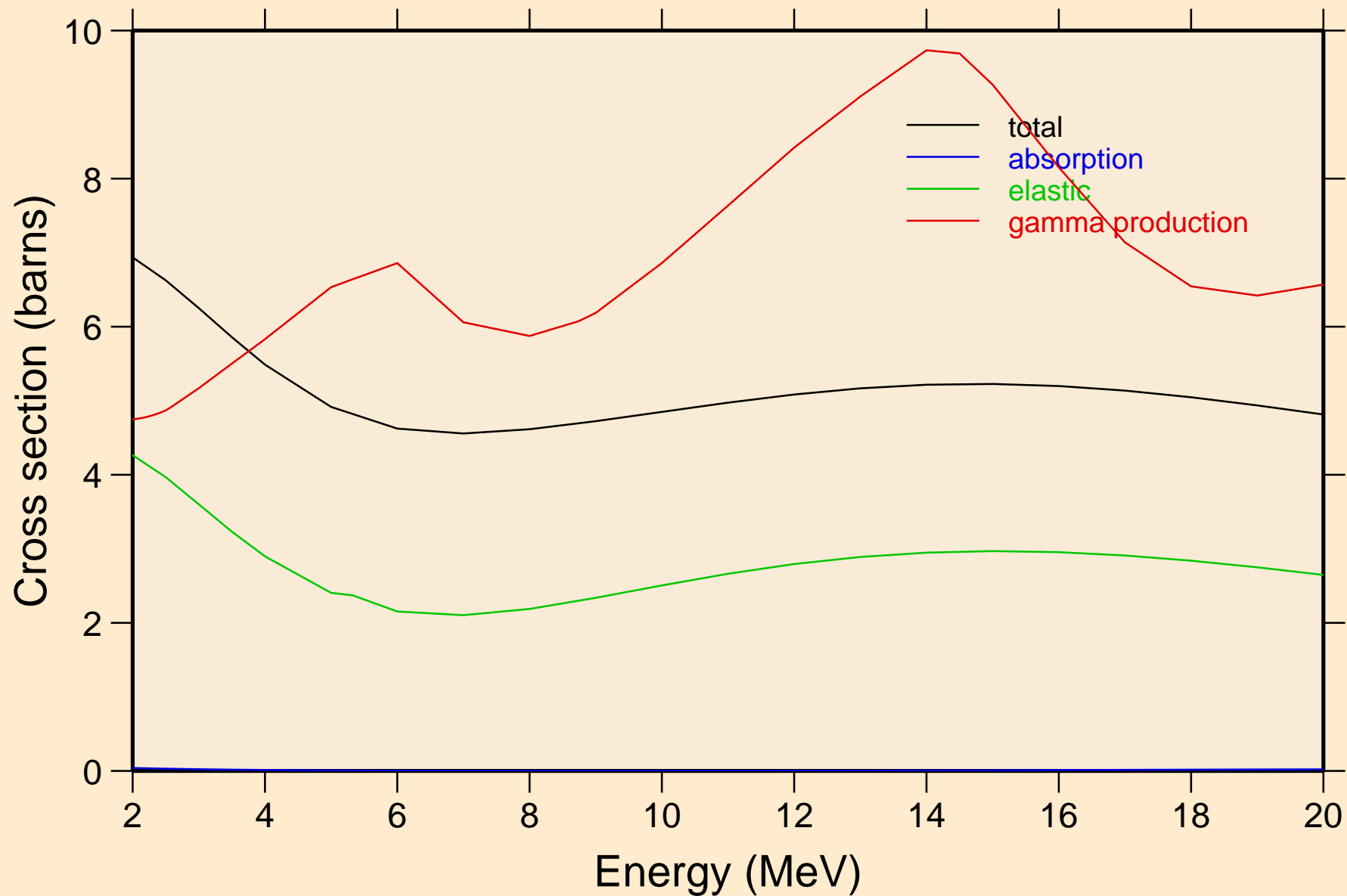


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Non-threshold reactions

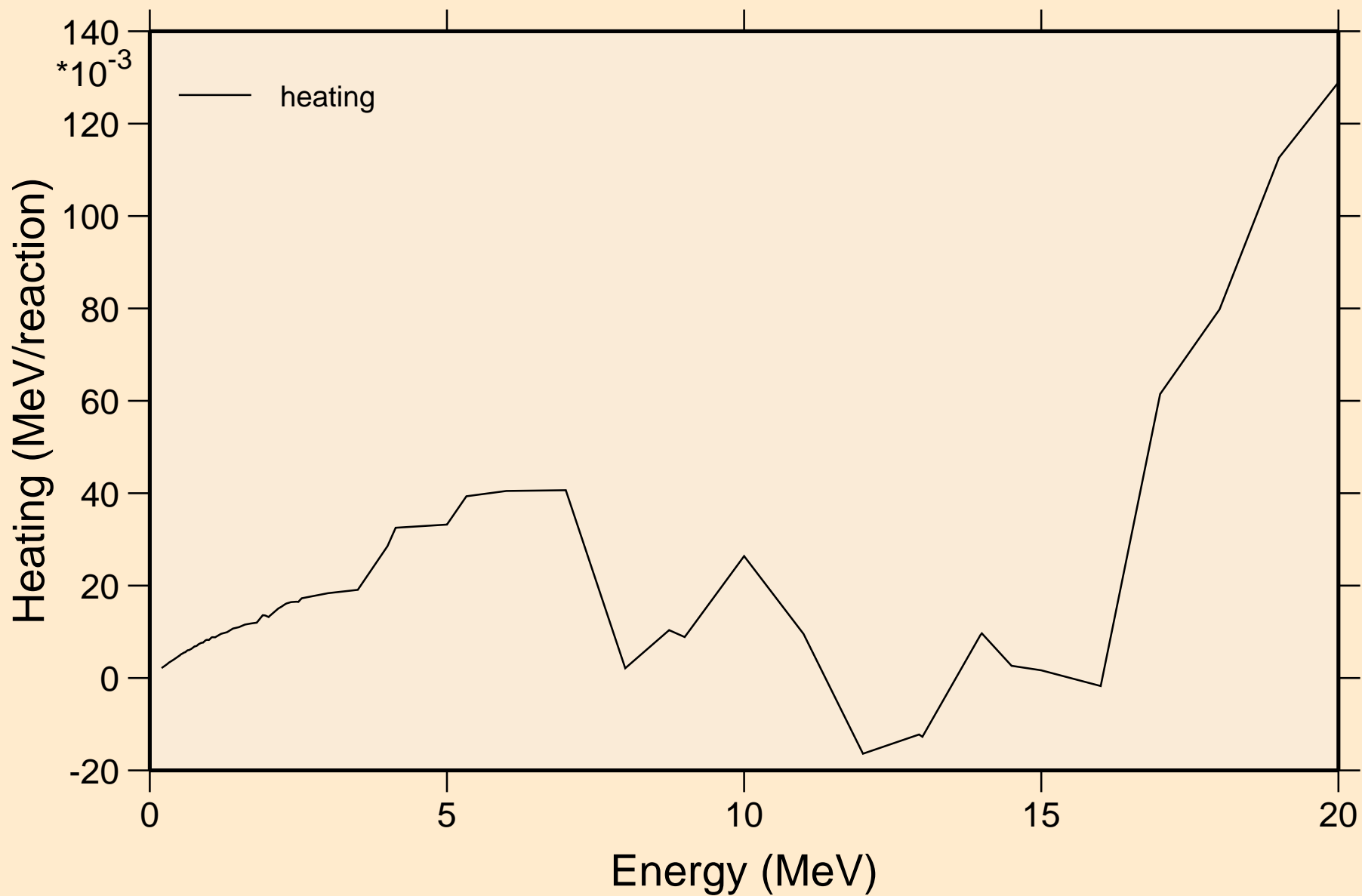


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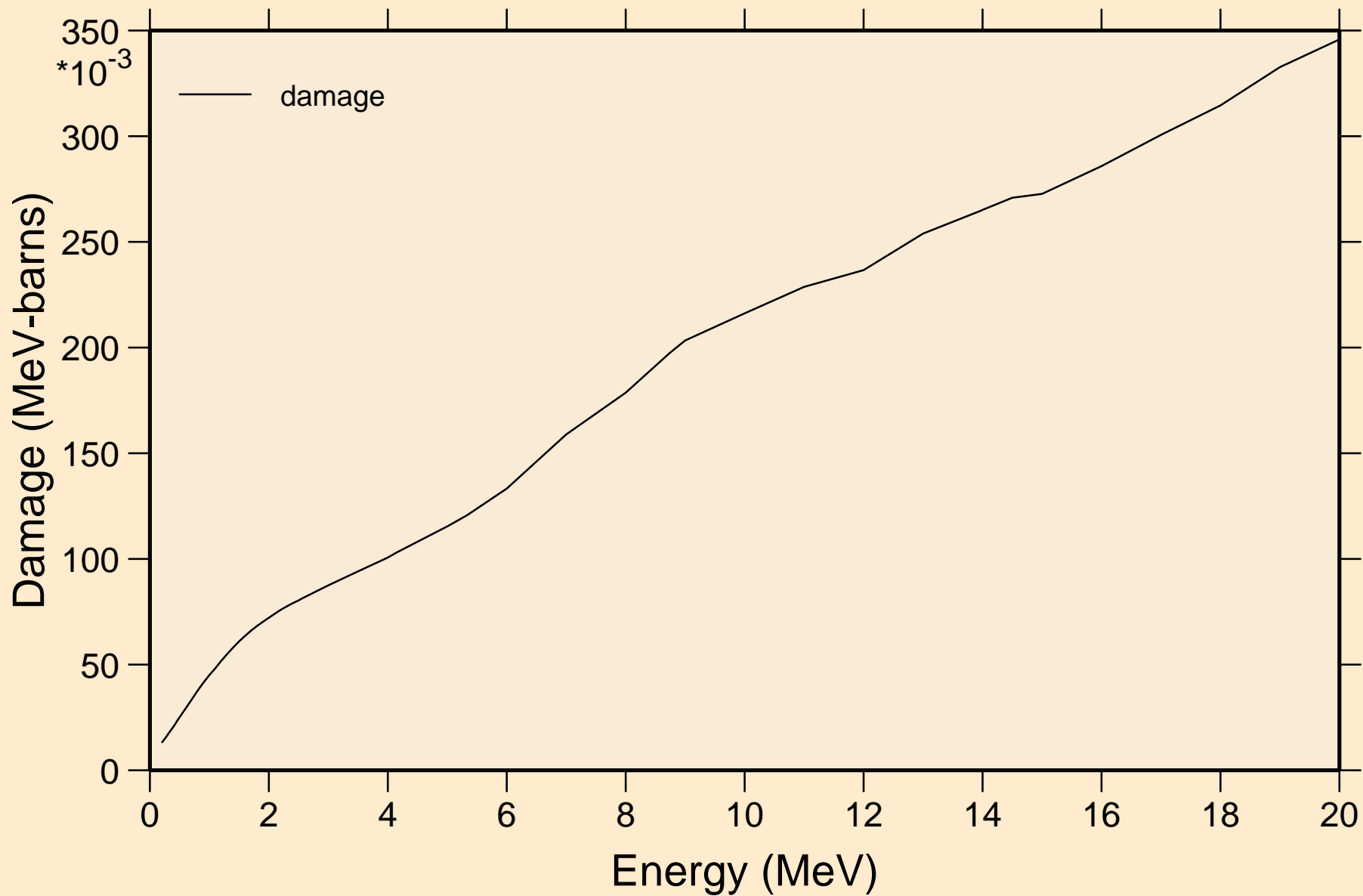
## Principal cross sections



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Heating

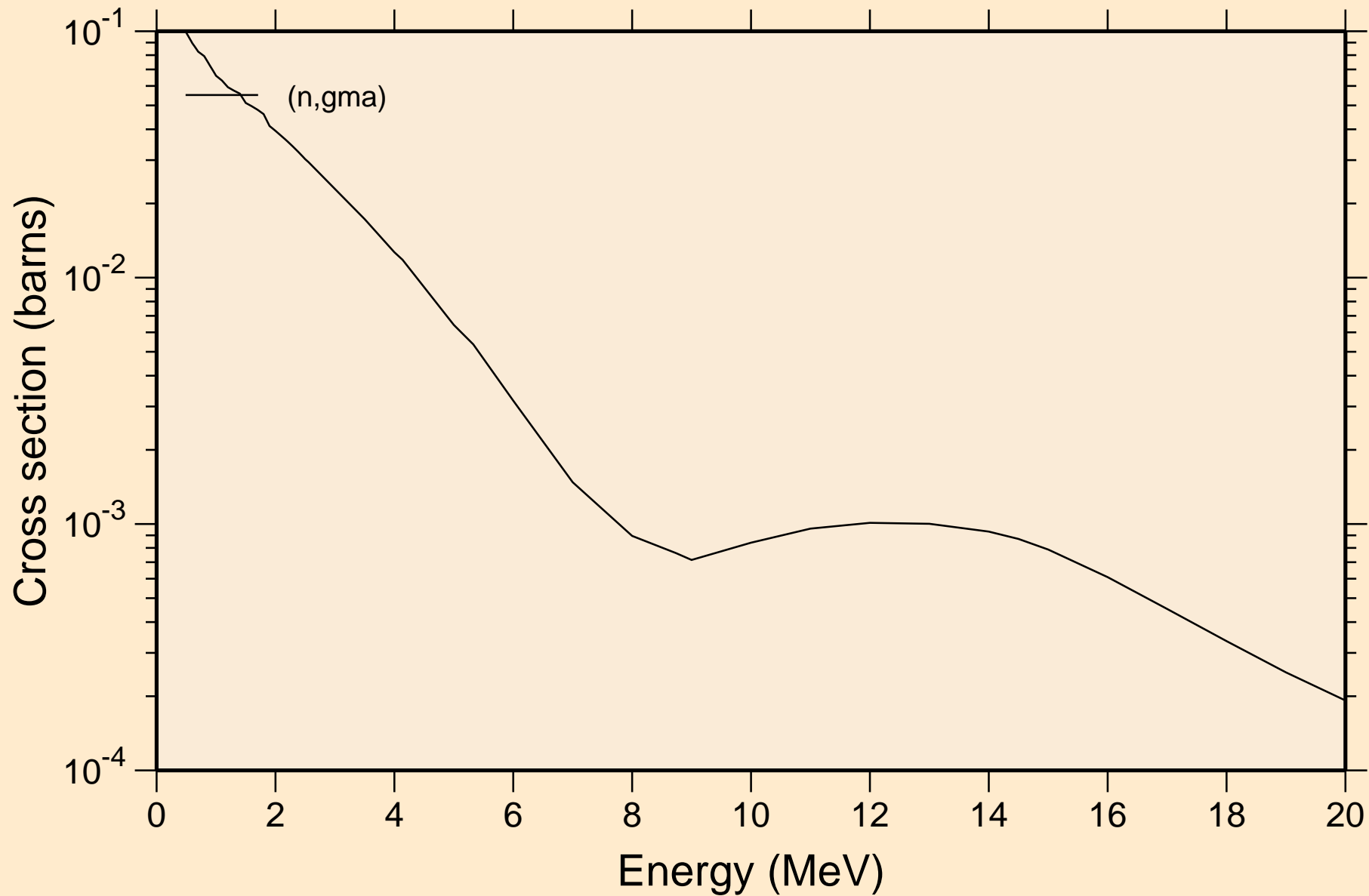


MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Damage

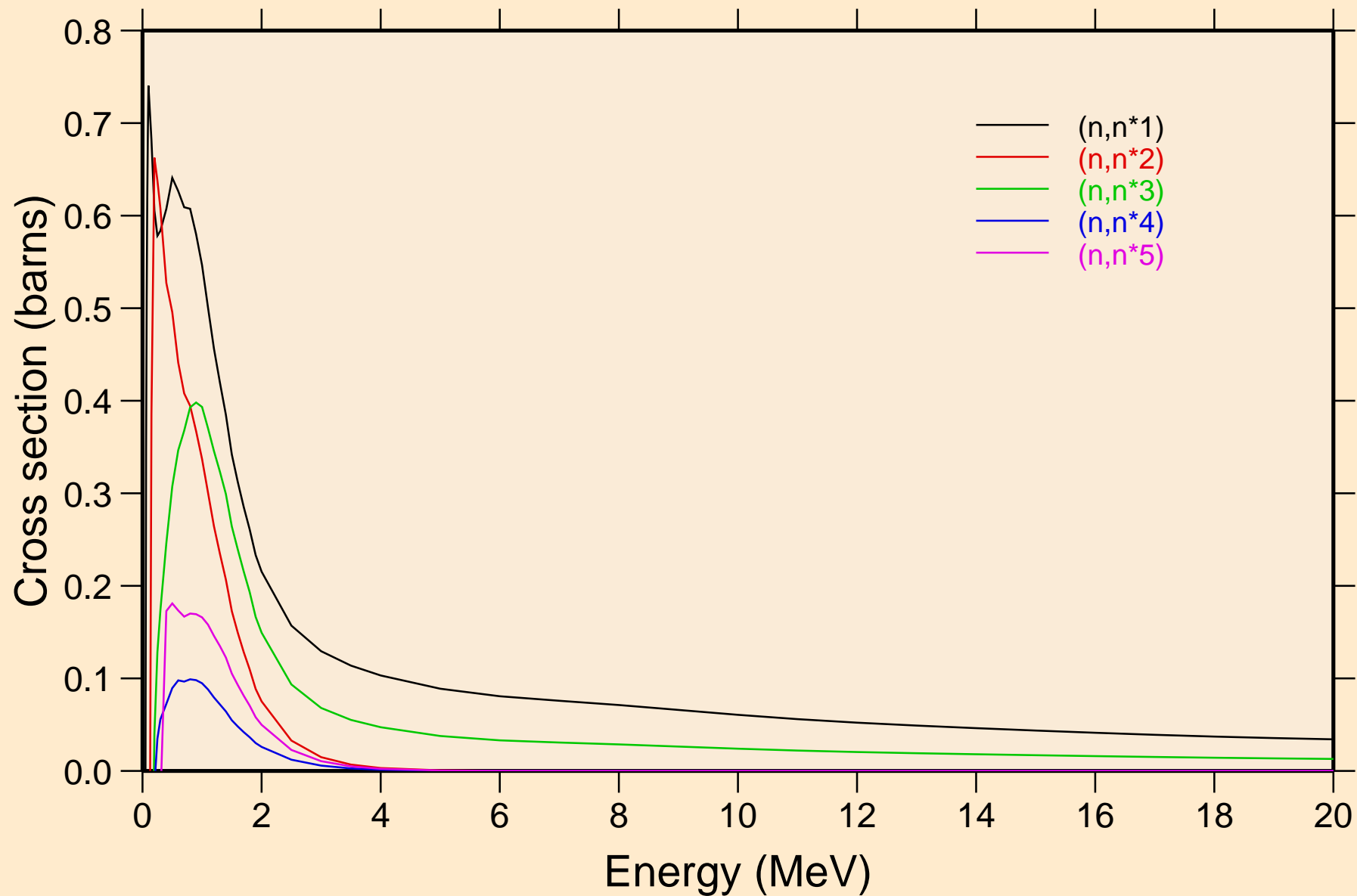




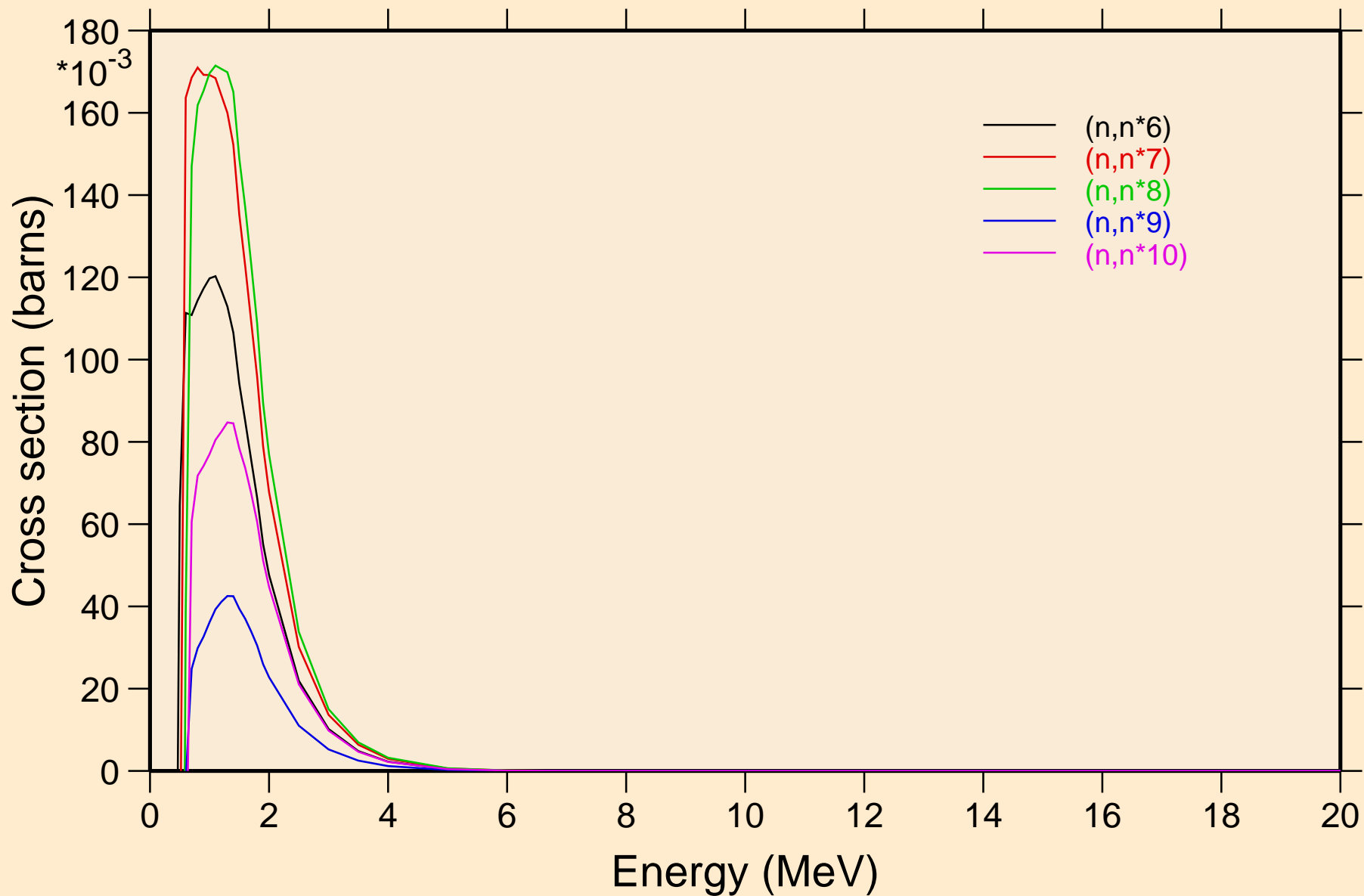
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Non-threshold reactions



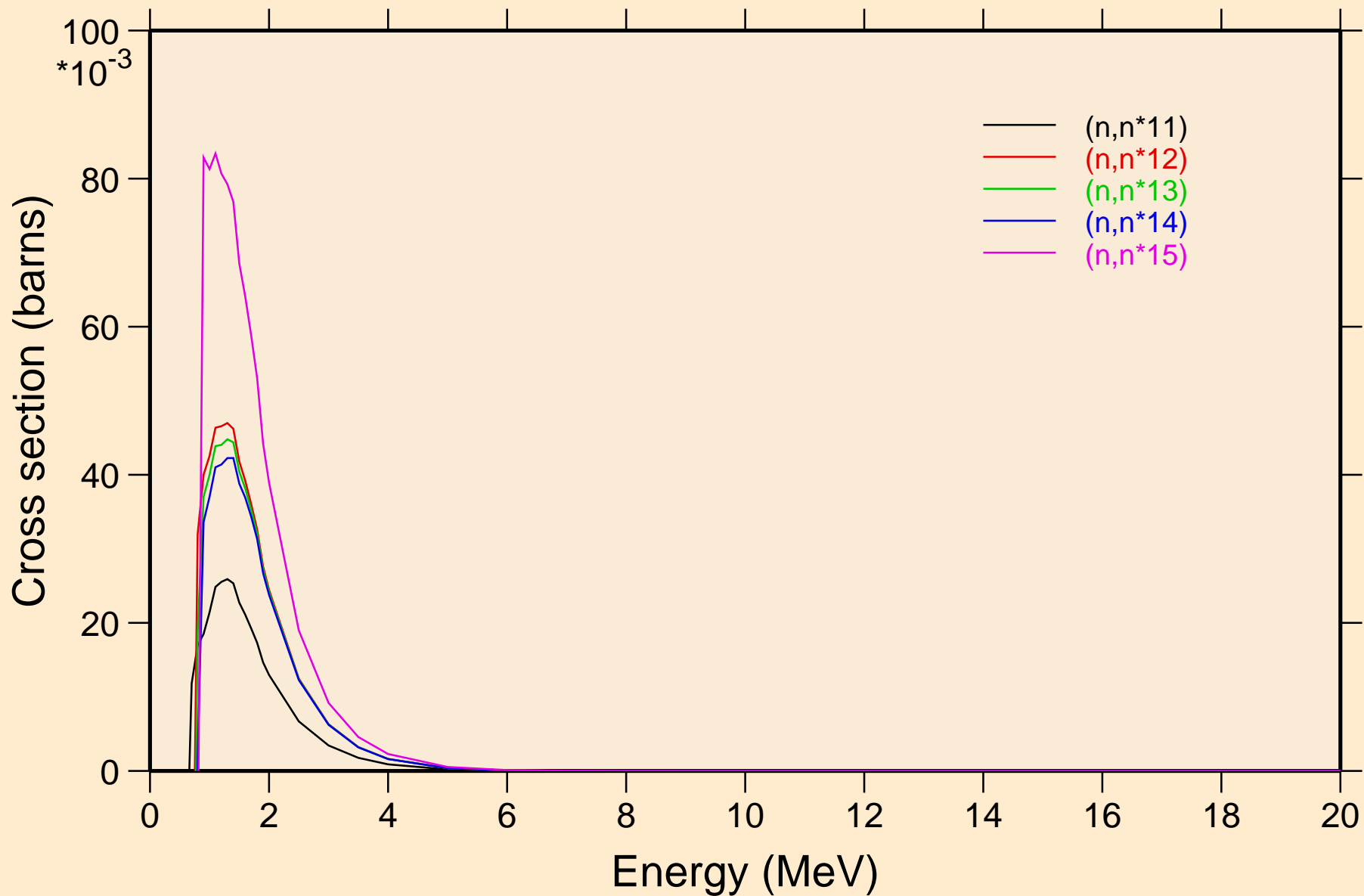
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Inelastic levels



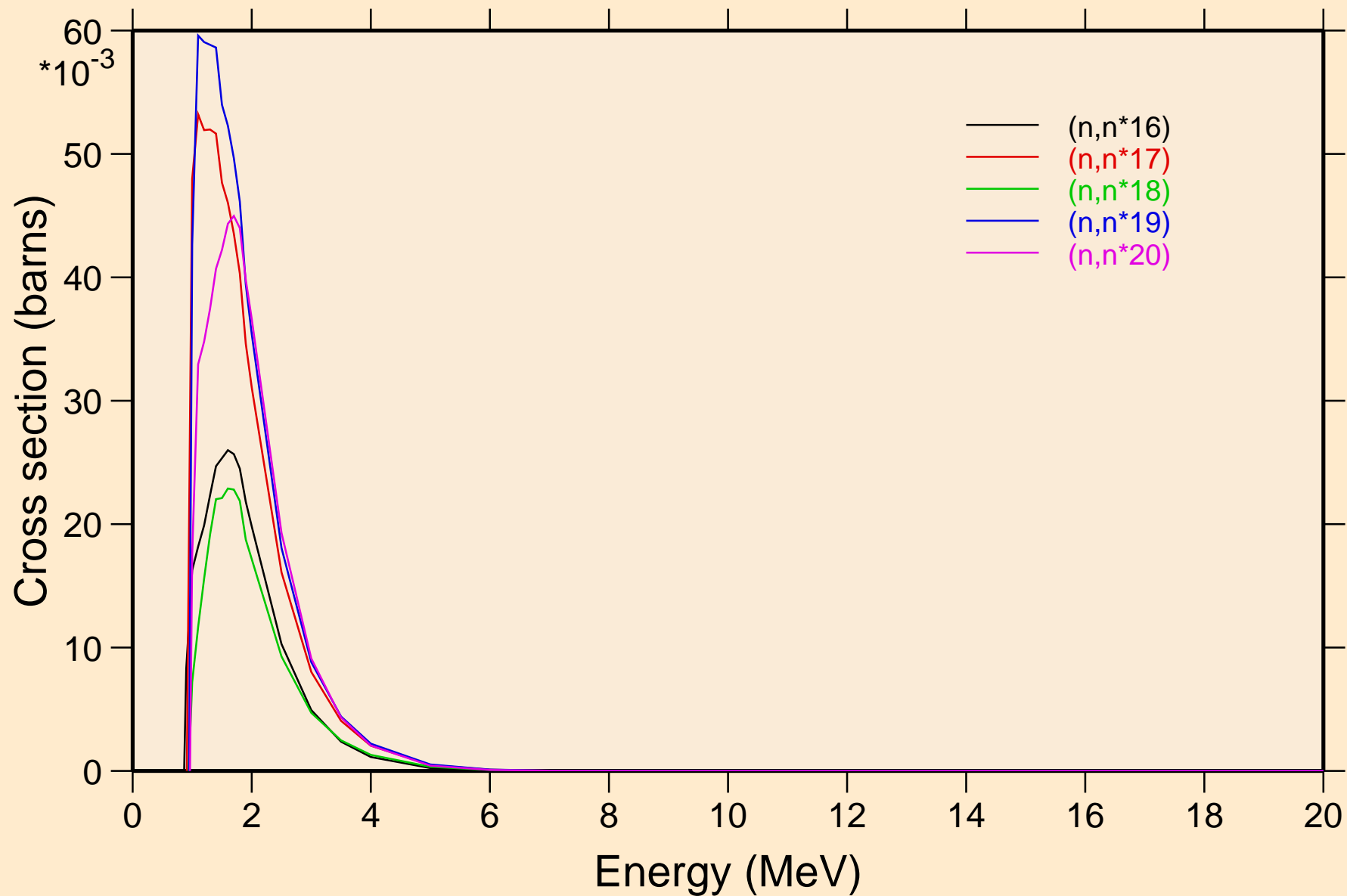
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Inelastic levels



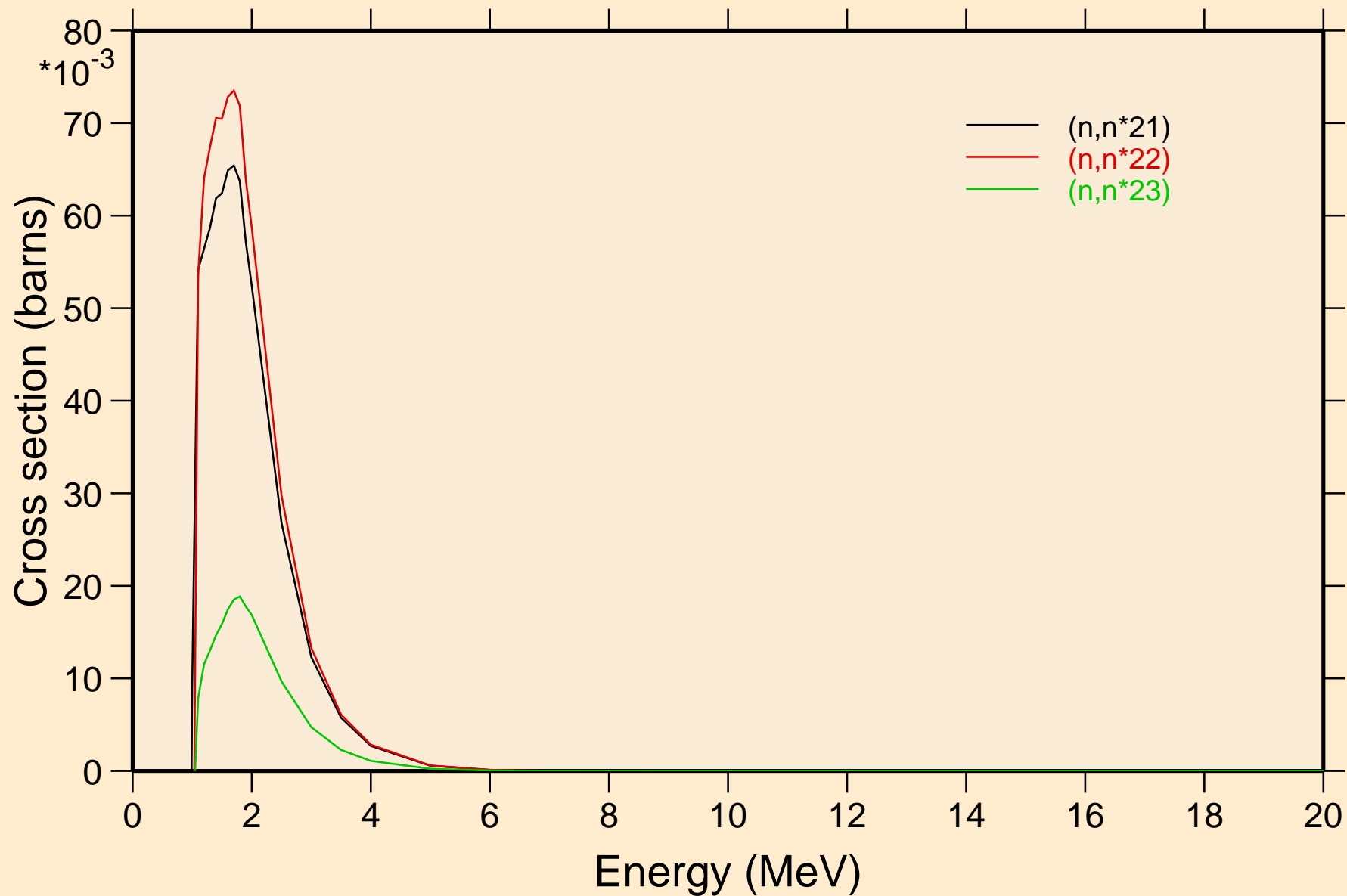
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels



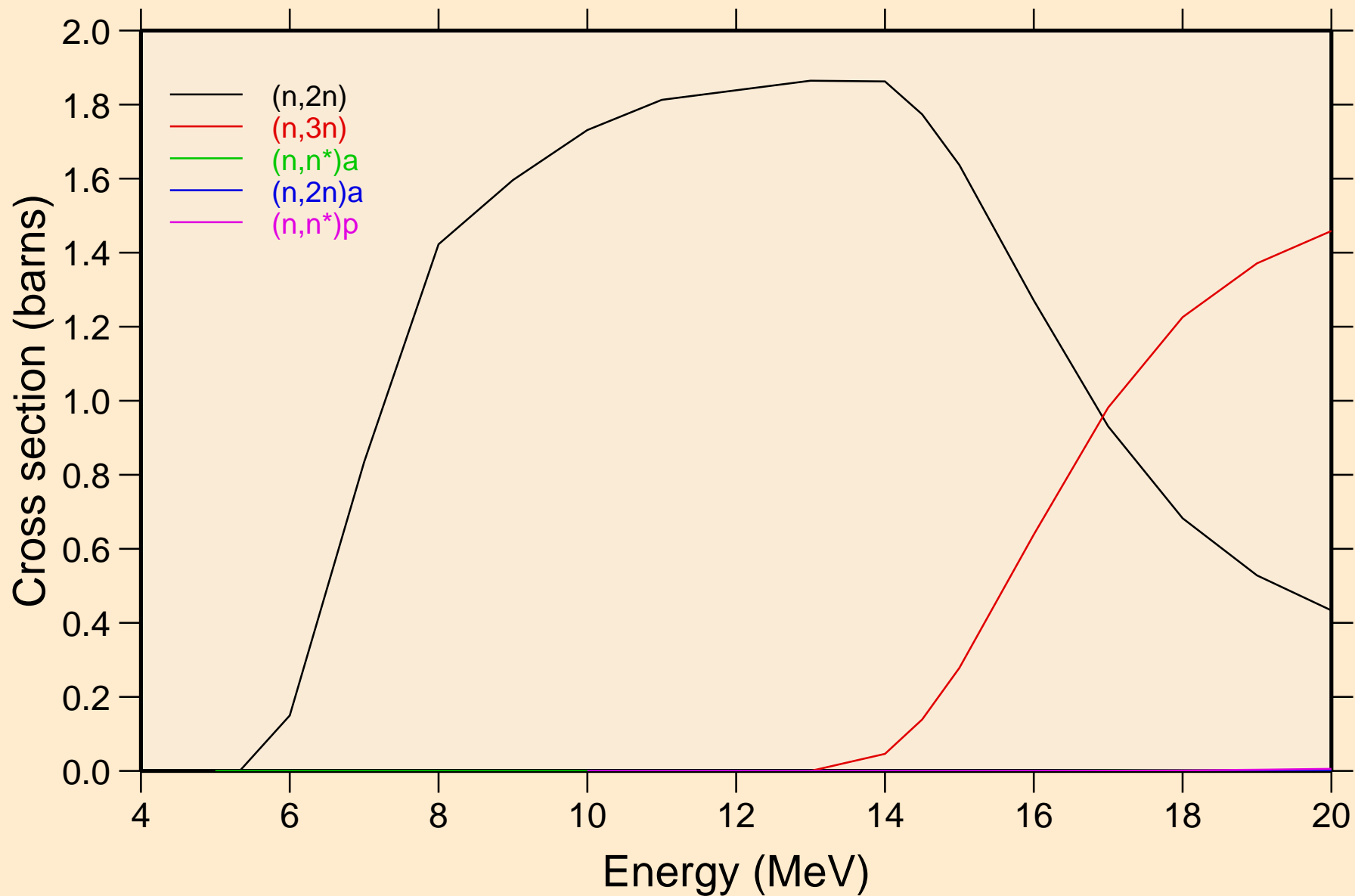
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Inelastic levels



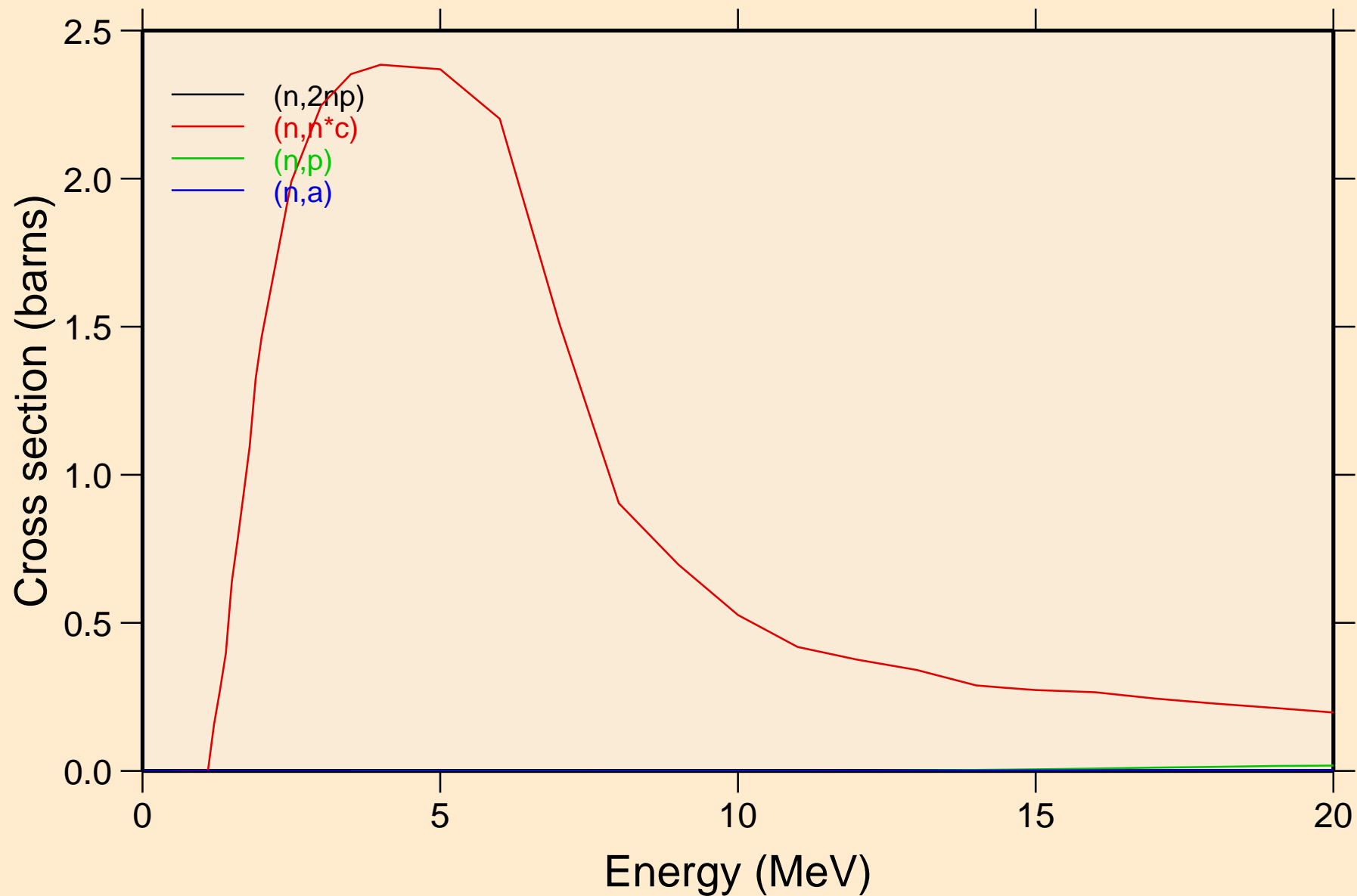
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Inelastic levels



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions

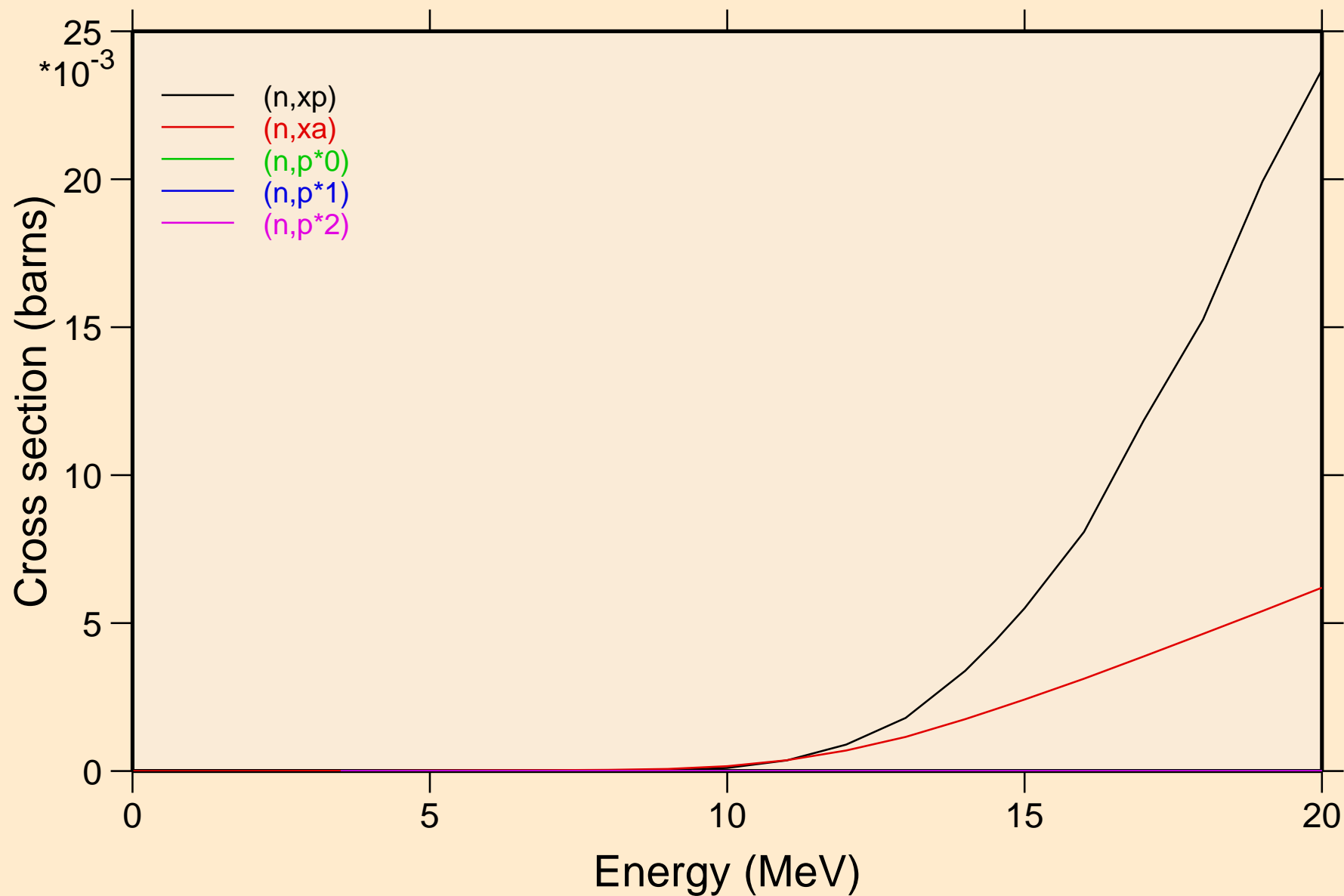


MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions

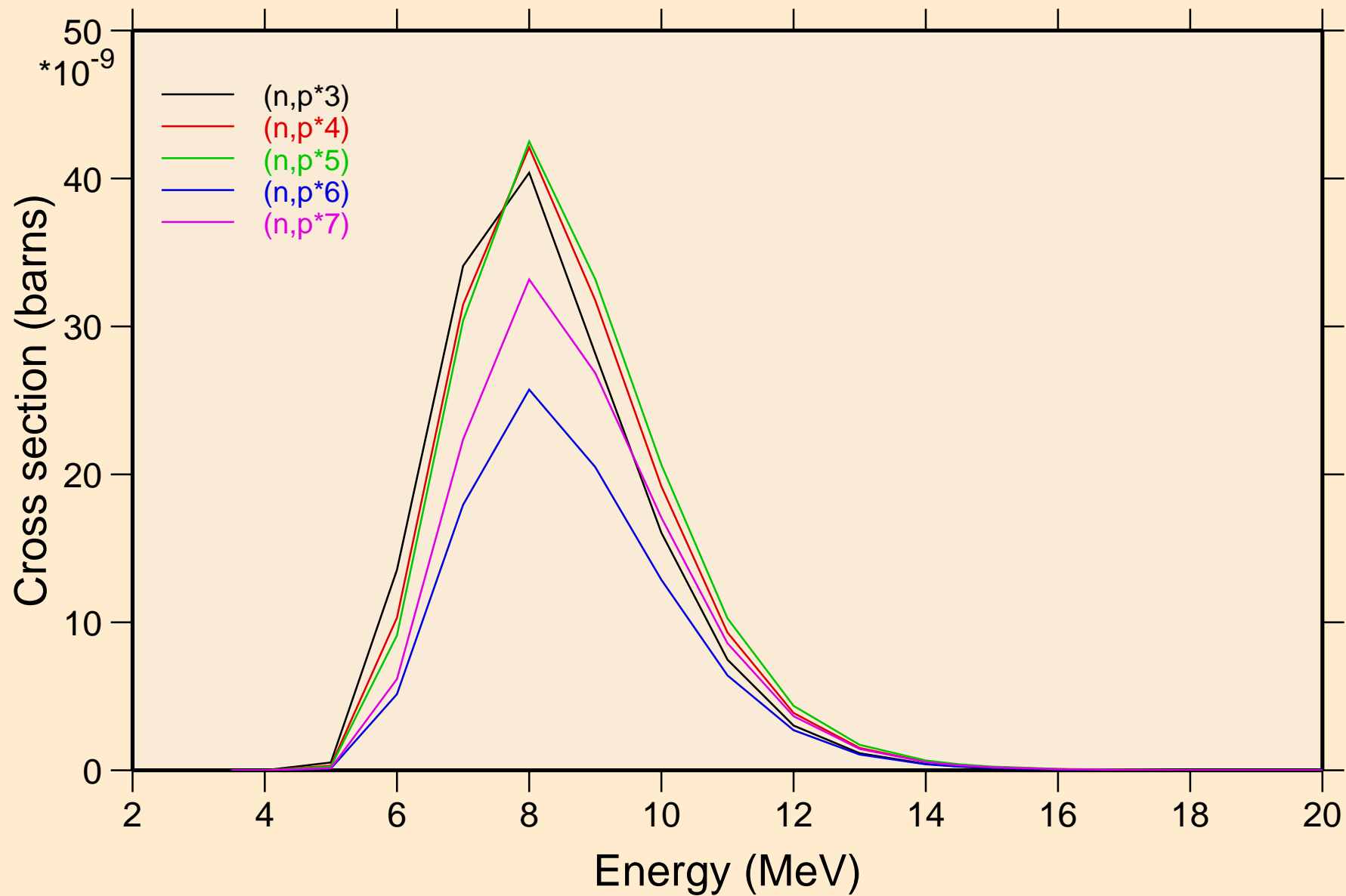




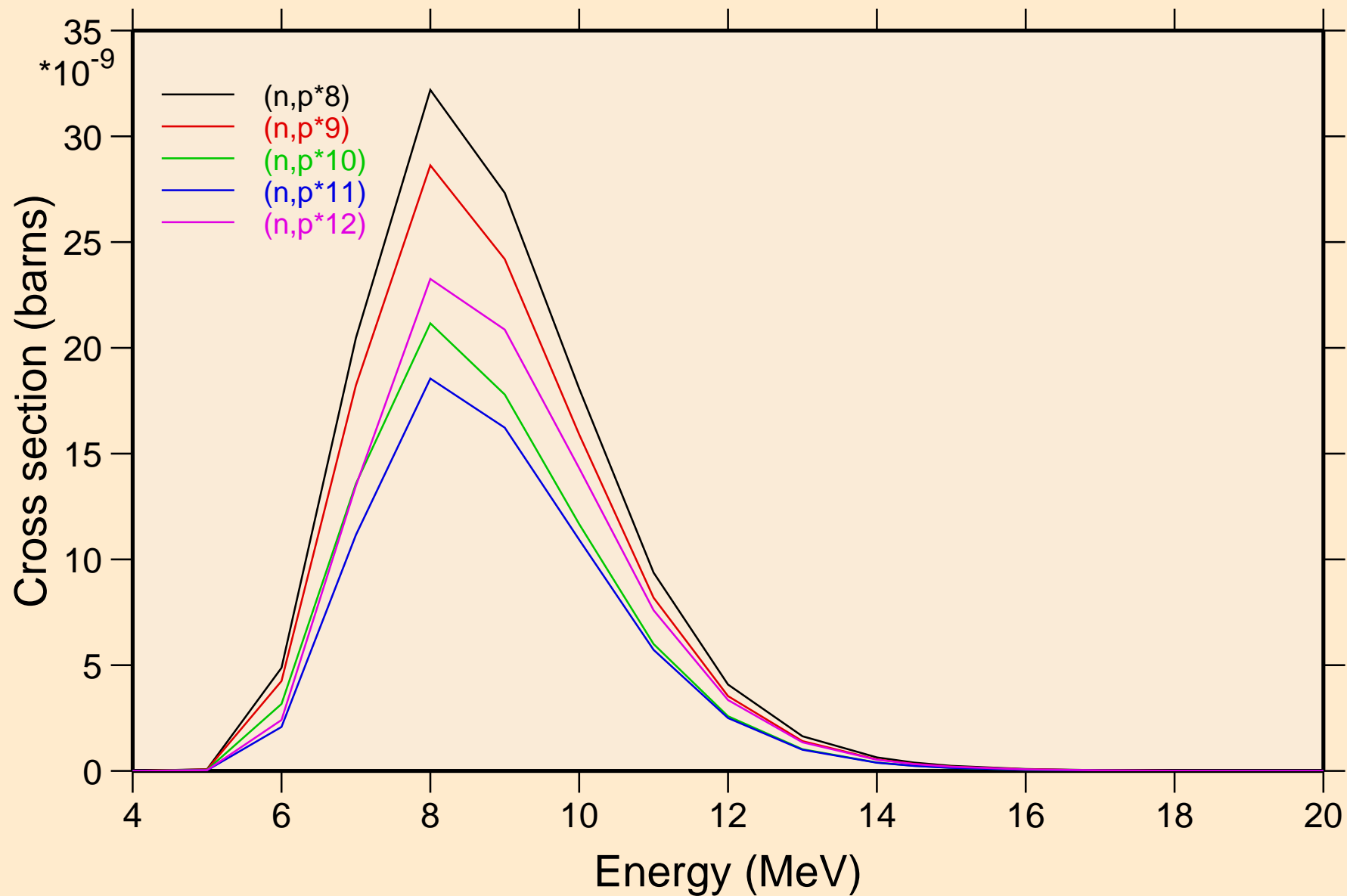
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



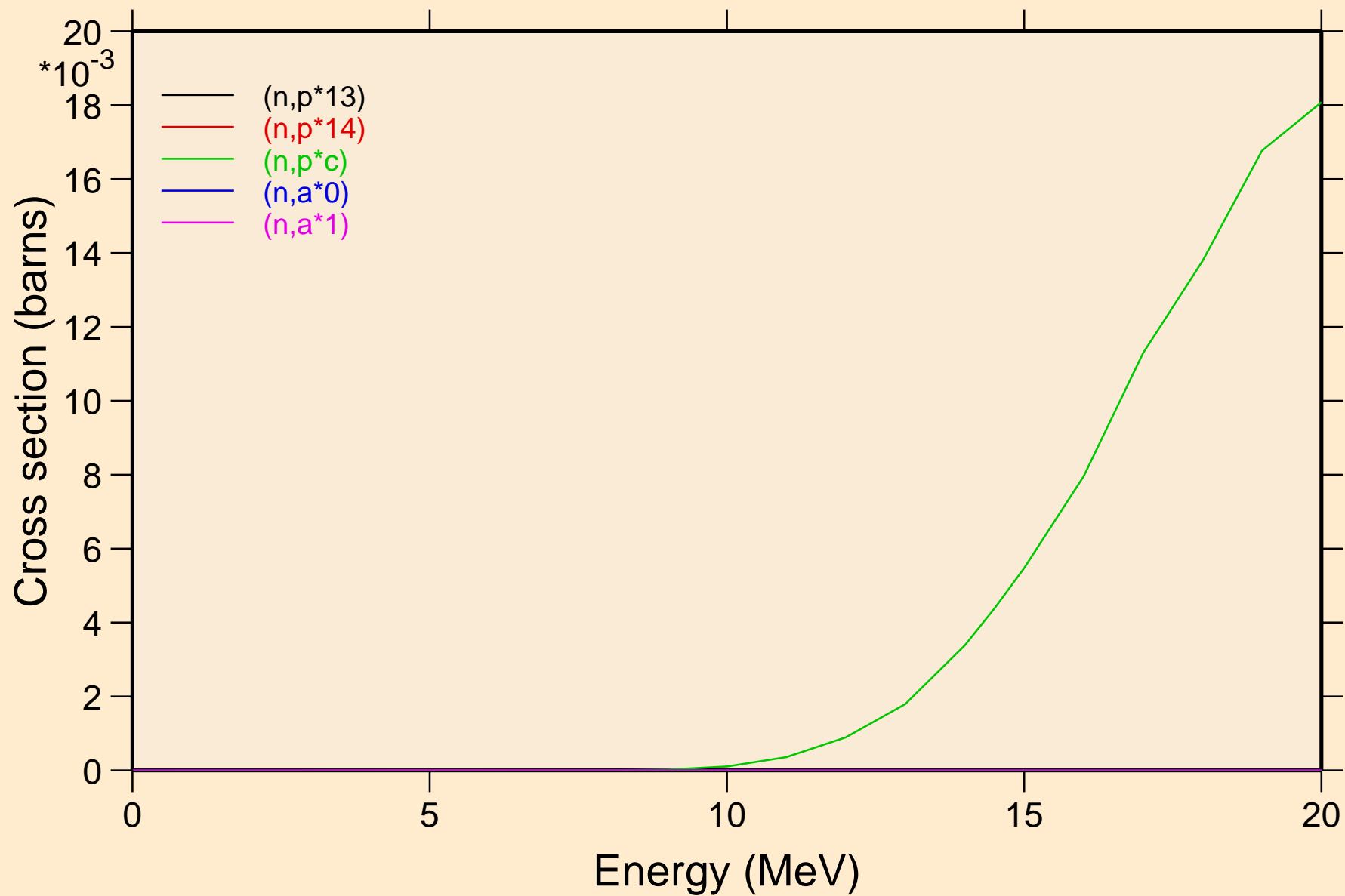
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Threshold reactions



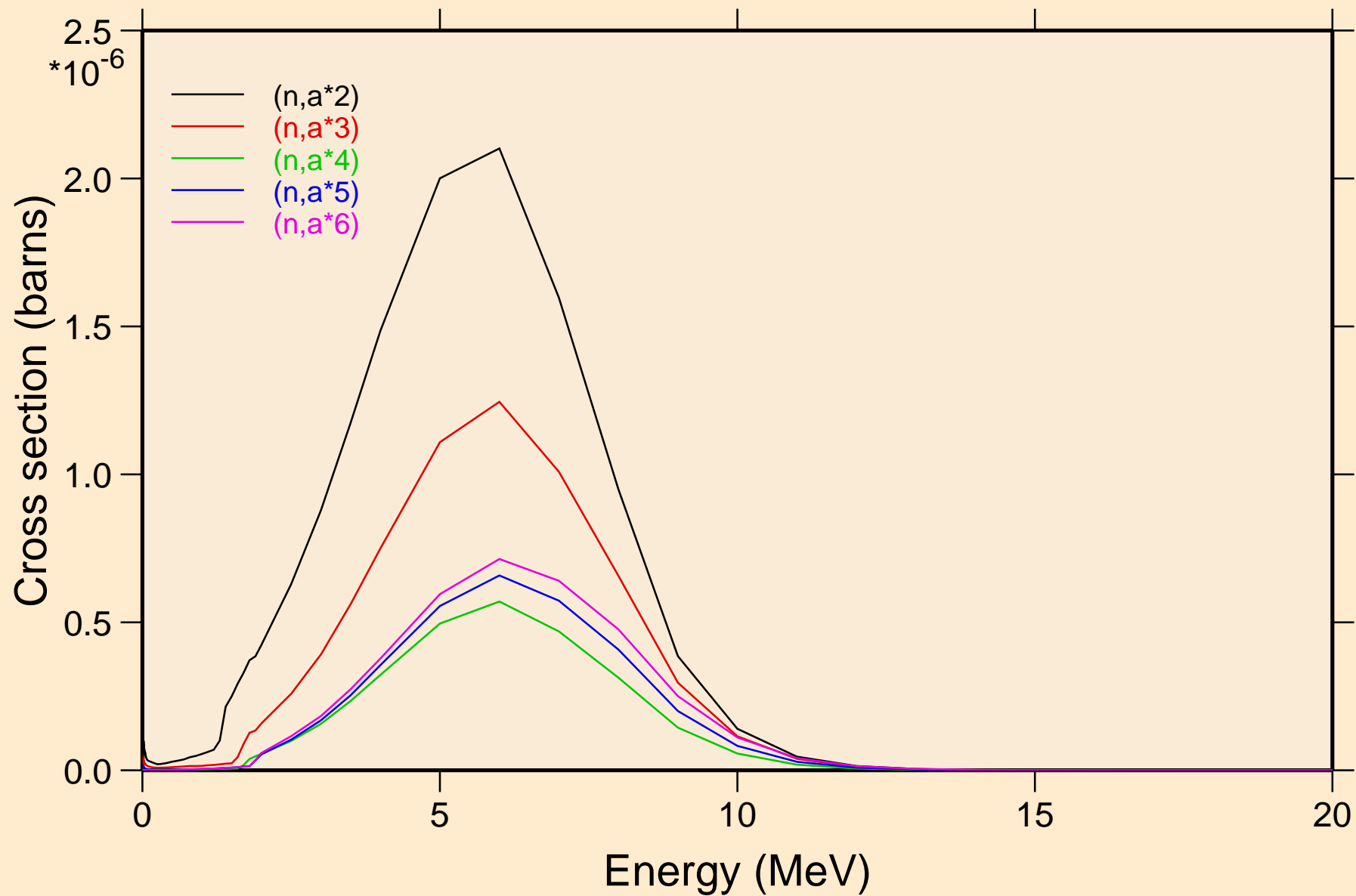
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Threshold reactions



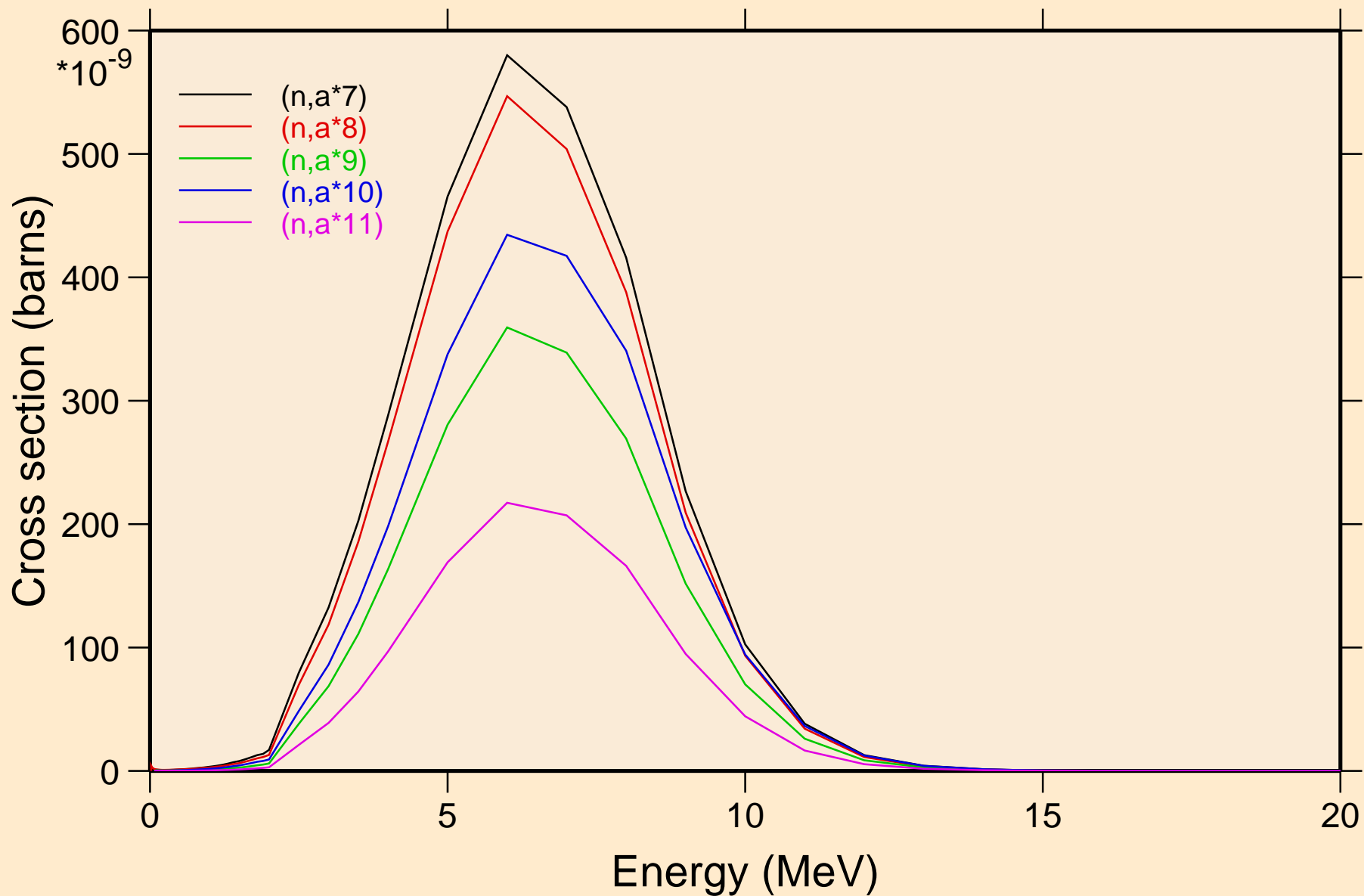
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Threshold reactions



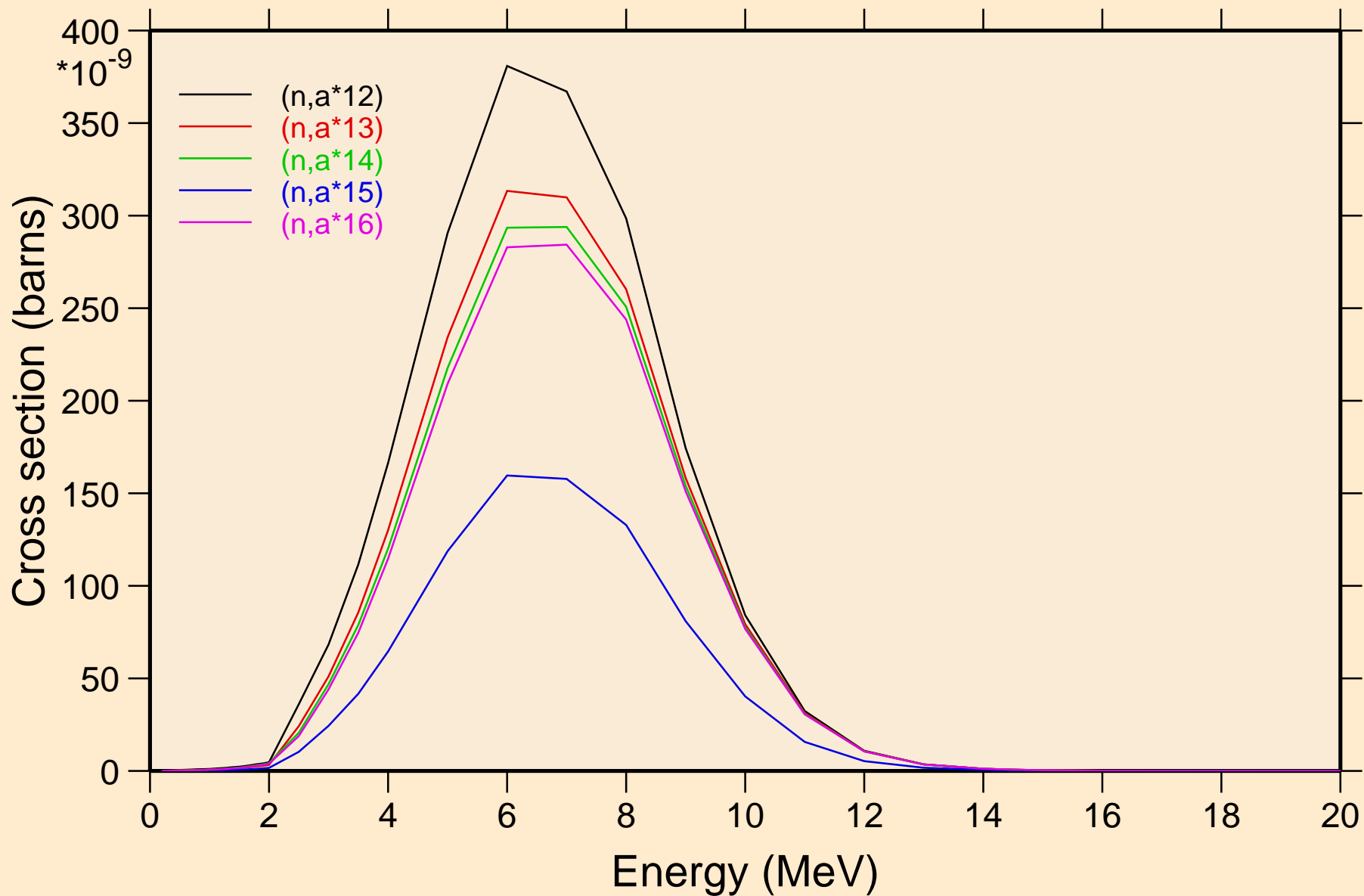
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Threshold reactions



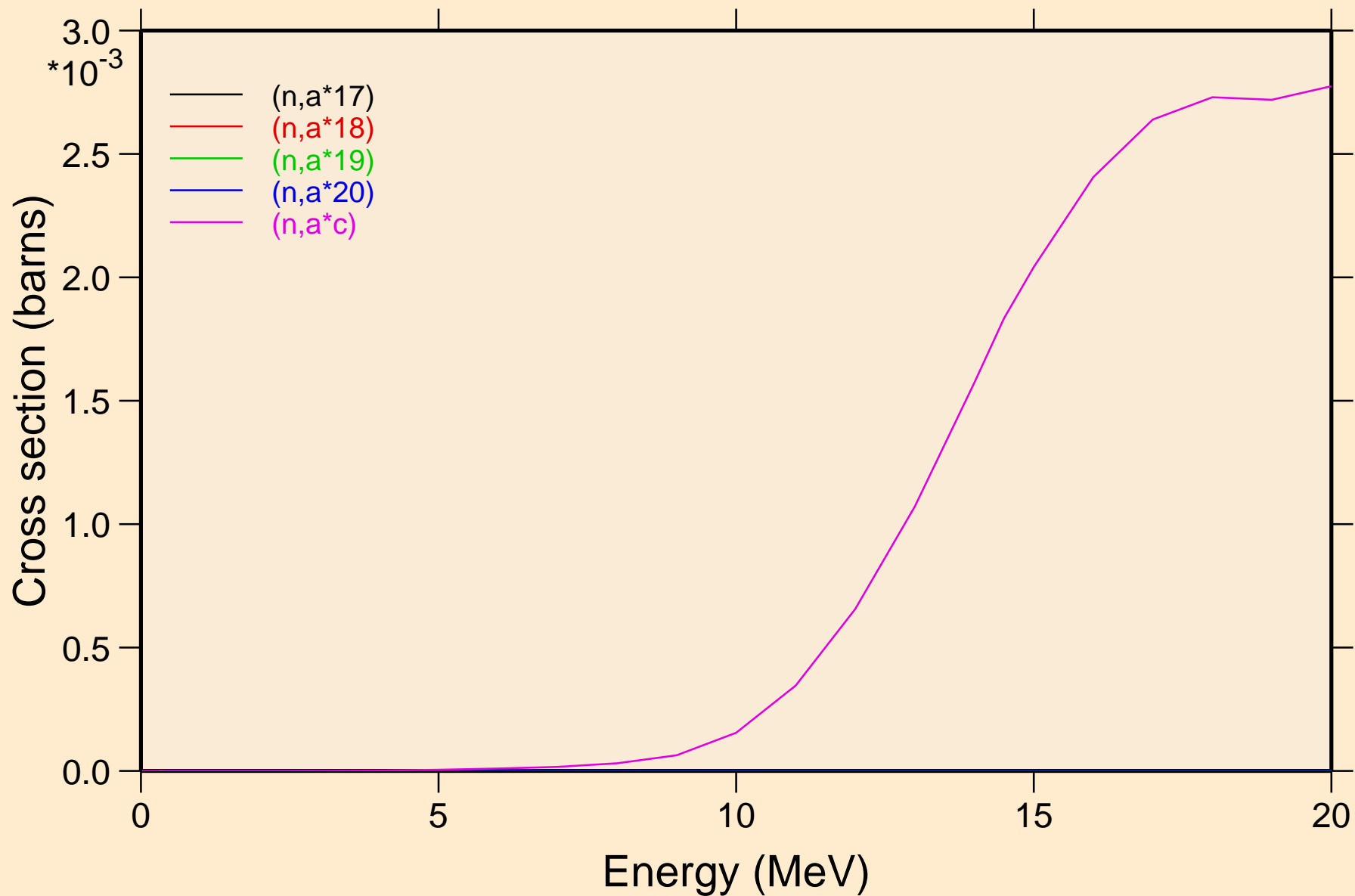
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions

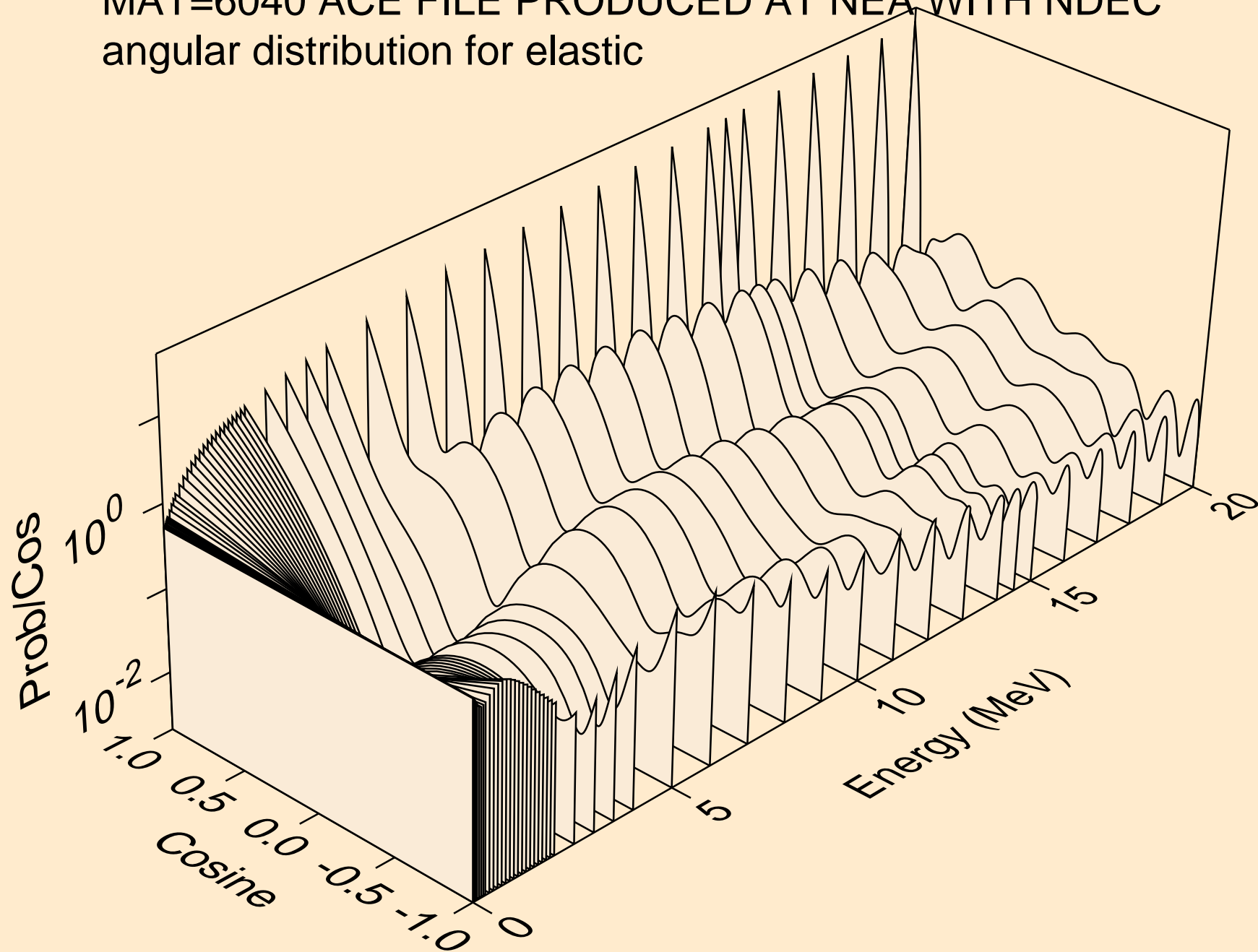


MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Threshold reactions

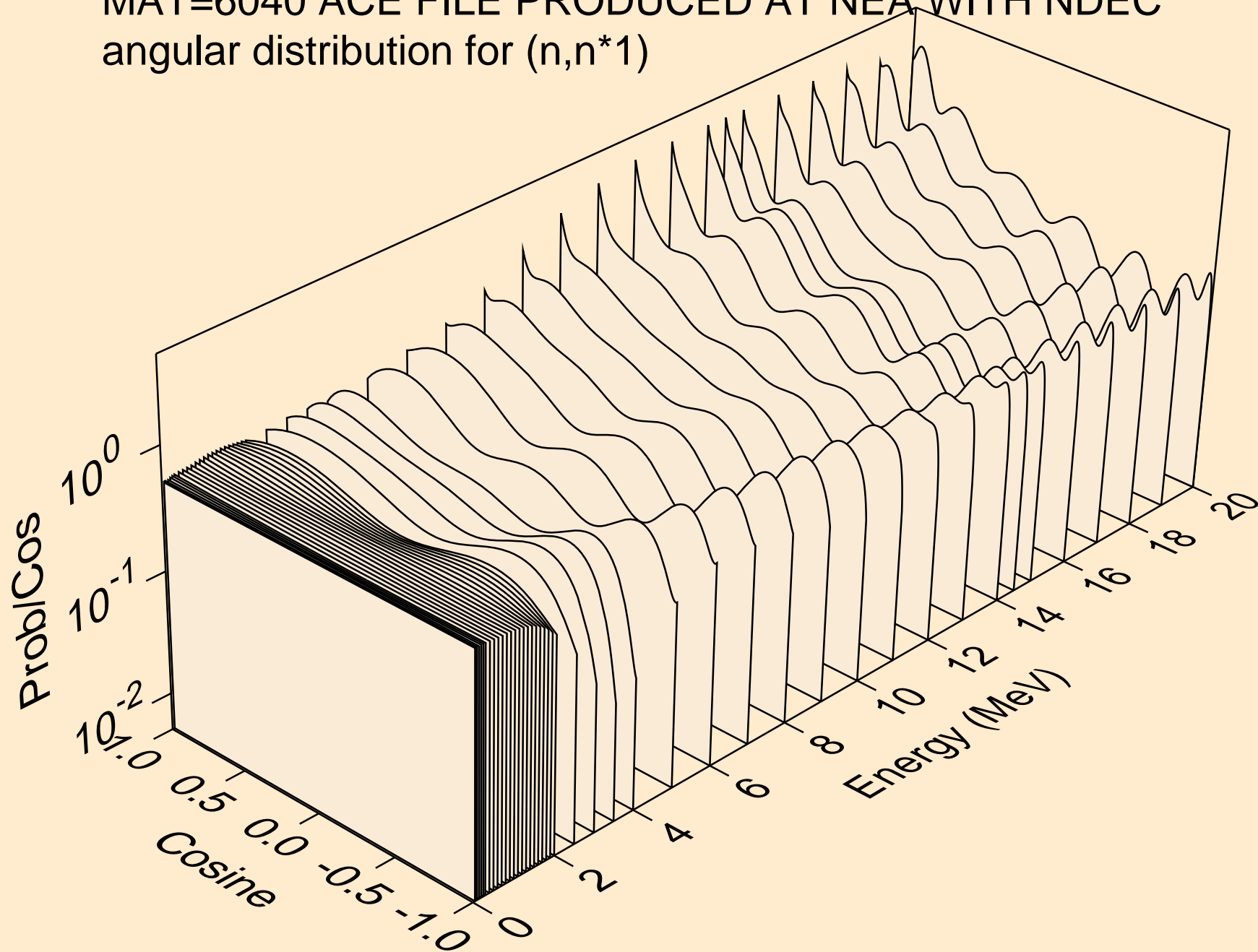




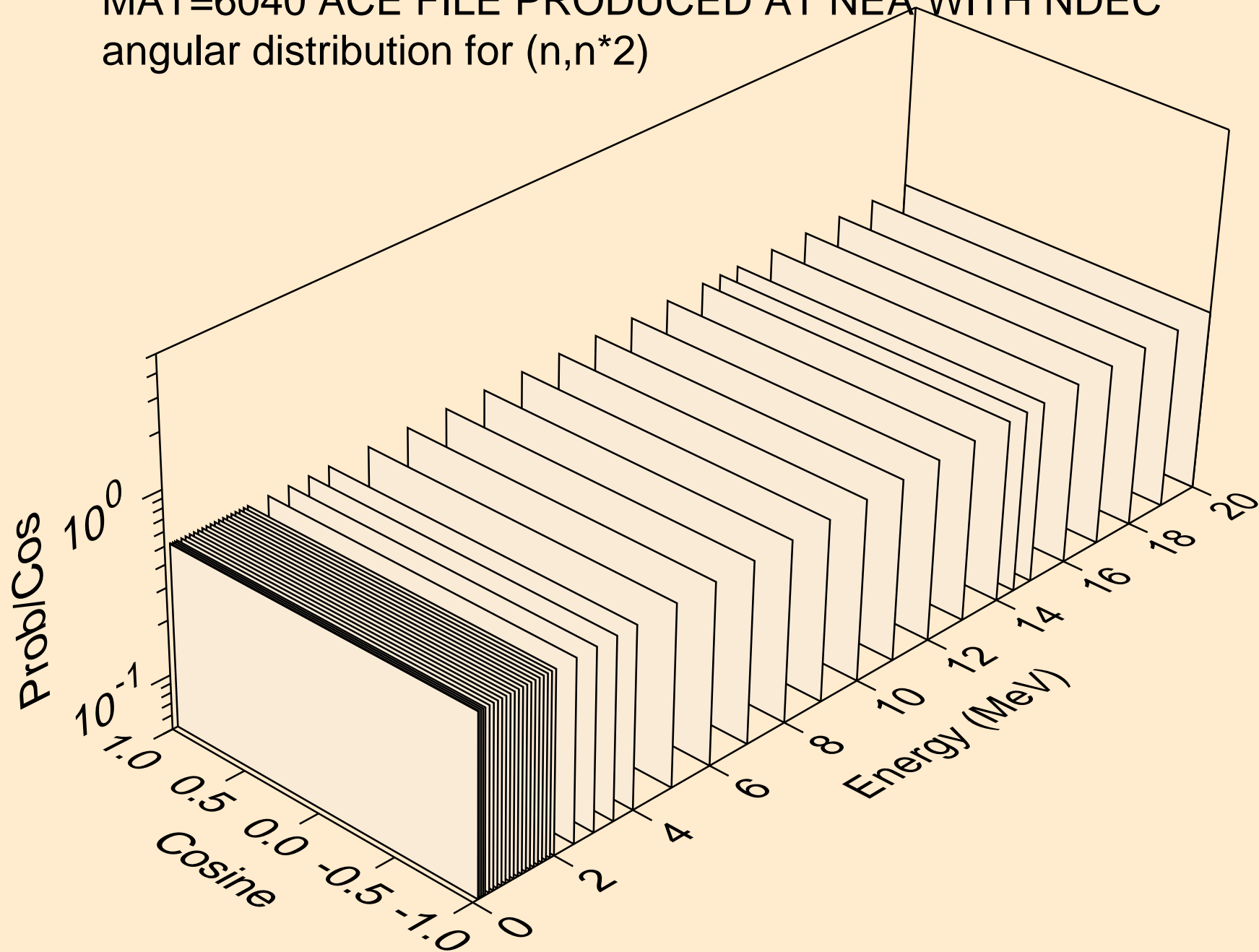
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angular distribution for elastic



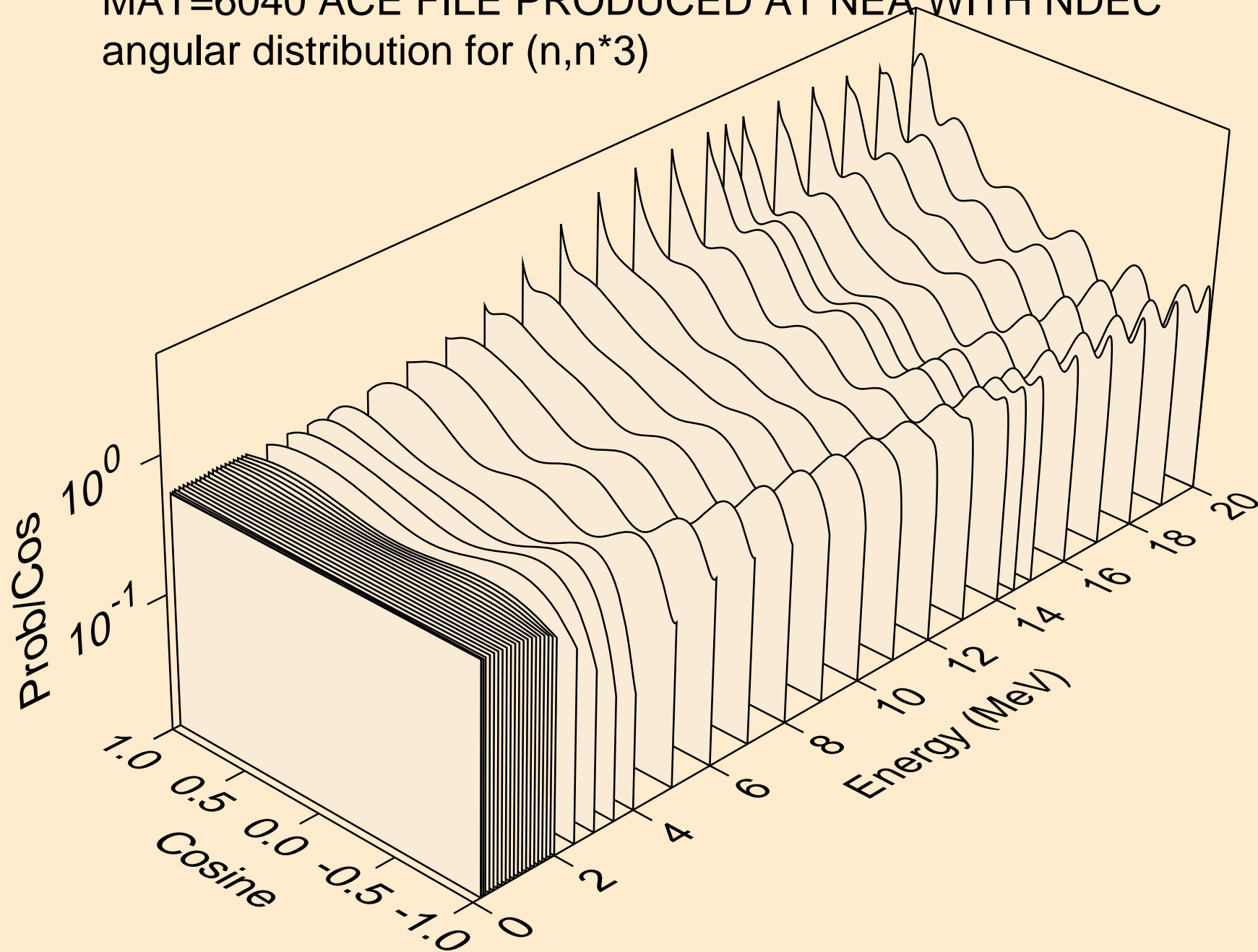
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angular distribution for (n,n\*1)



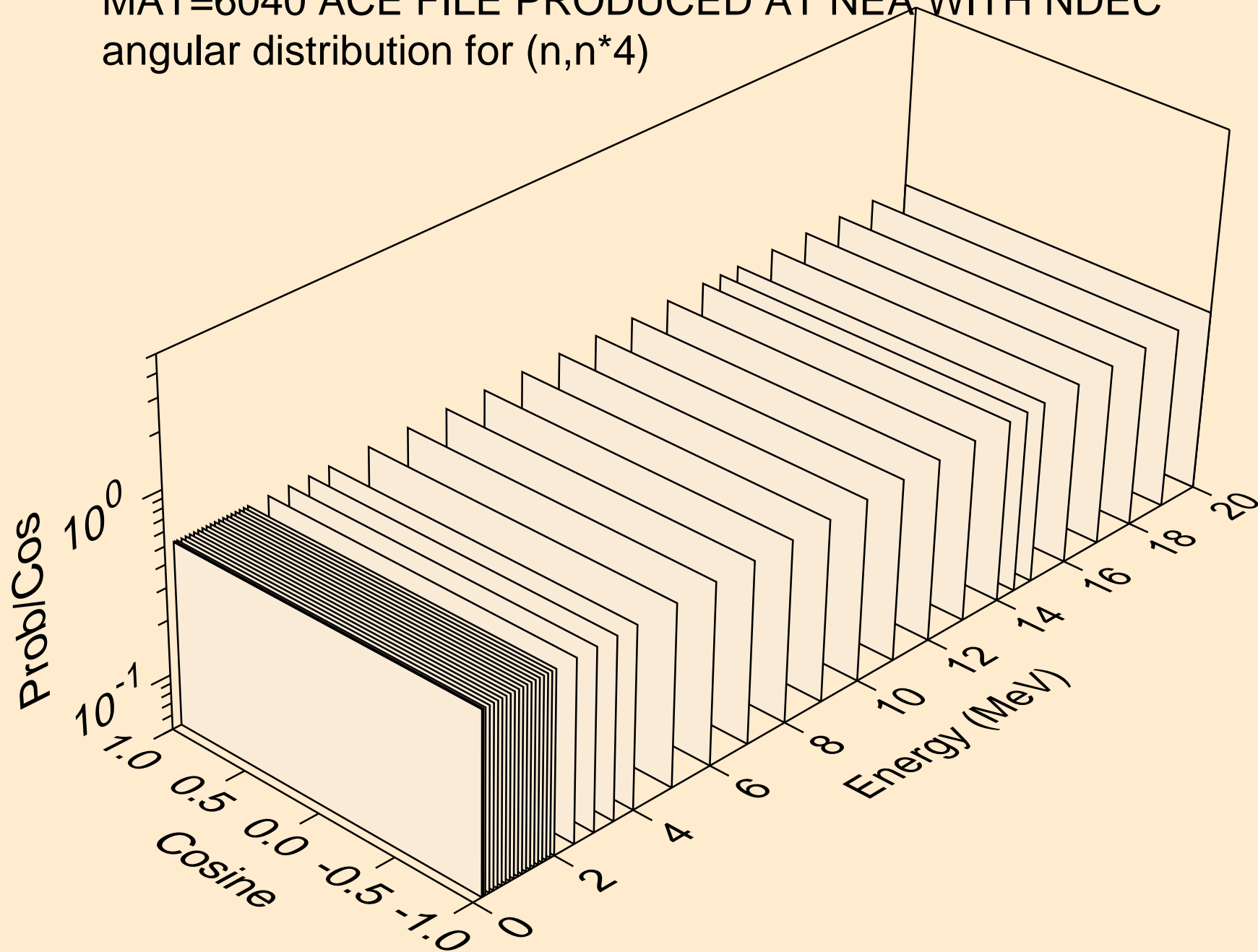
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angular distribution for (n,n\*2)



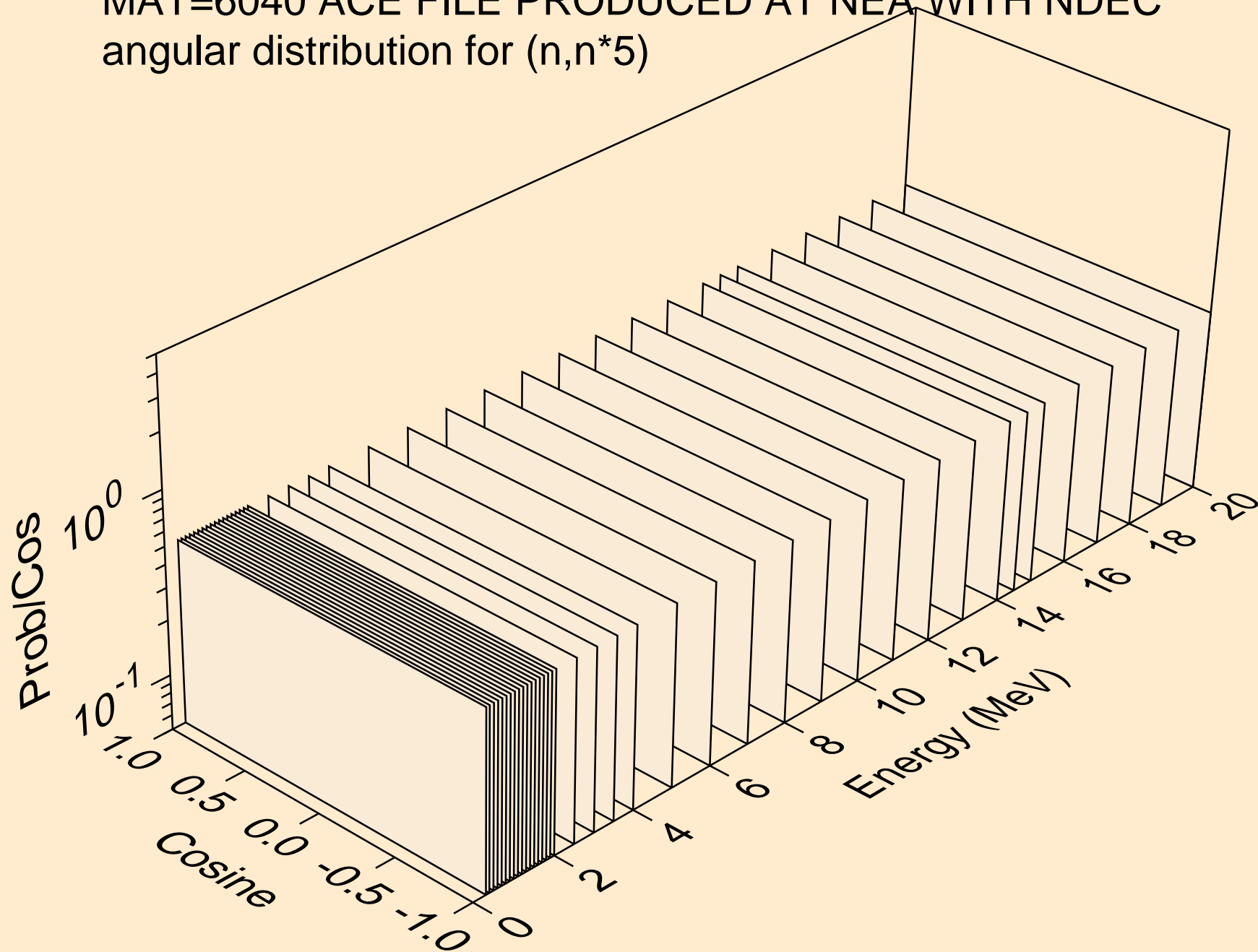
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angular distribution for (n,n\*3)



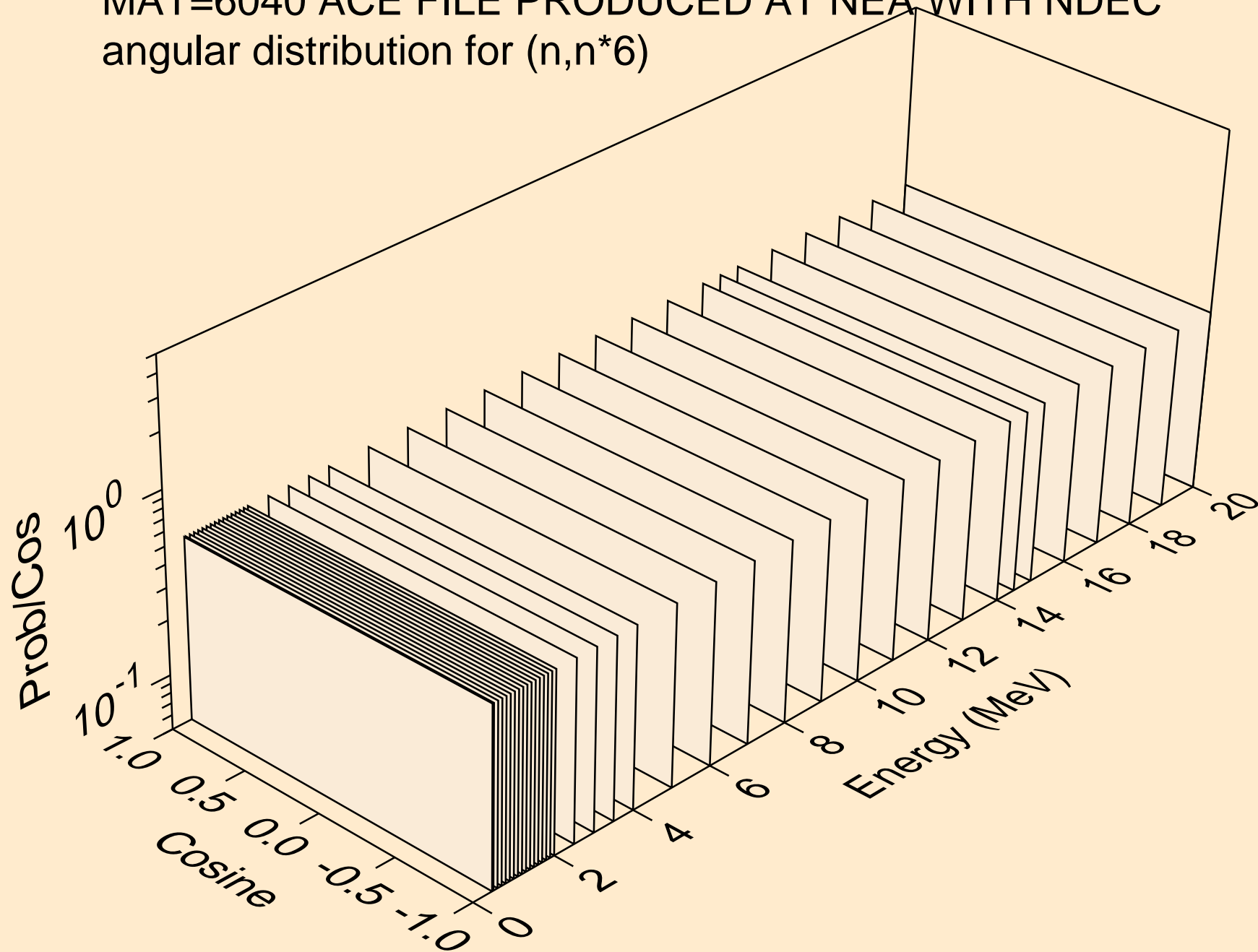
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angular distribution for (n,n\*4)



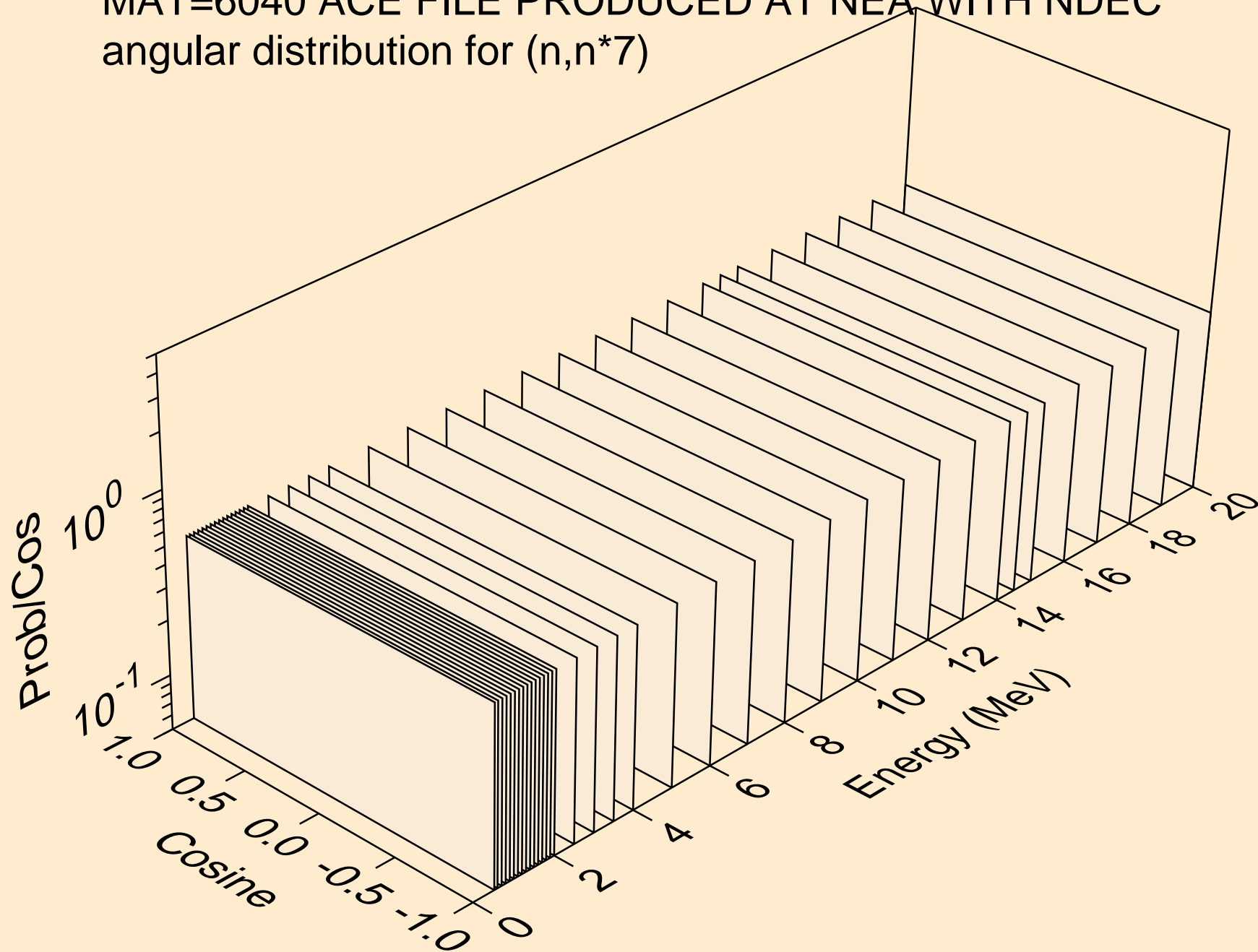
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*5)



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*6)

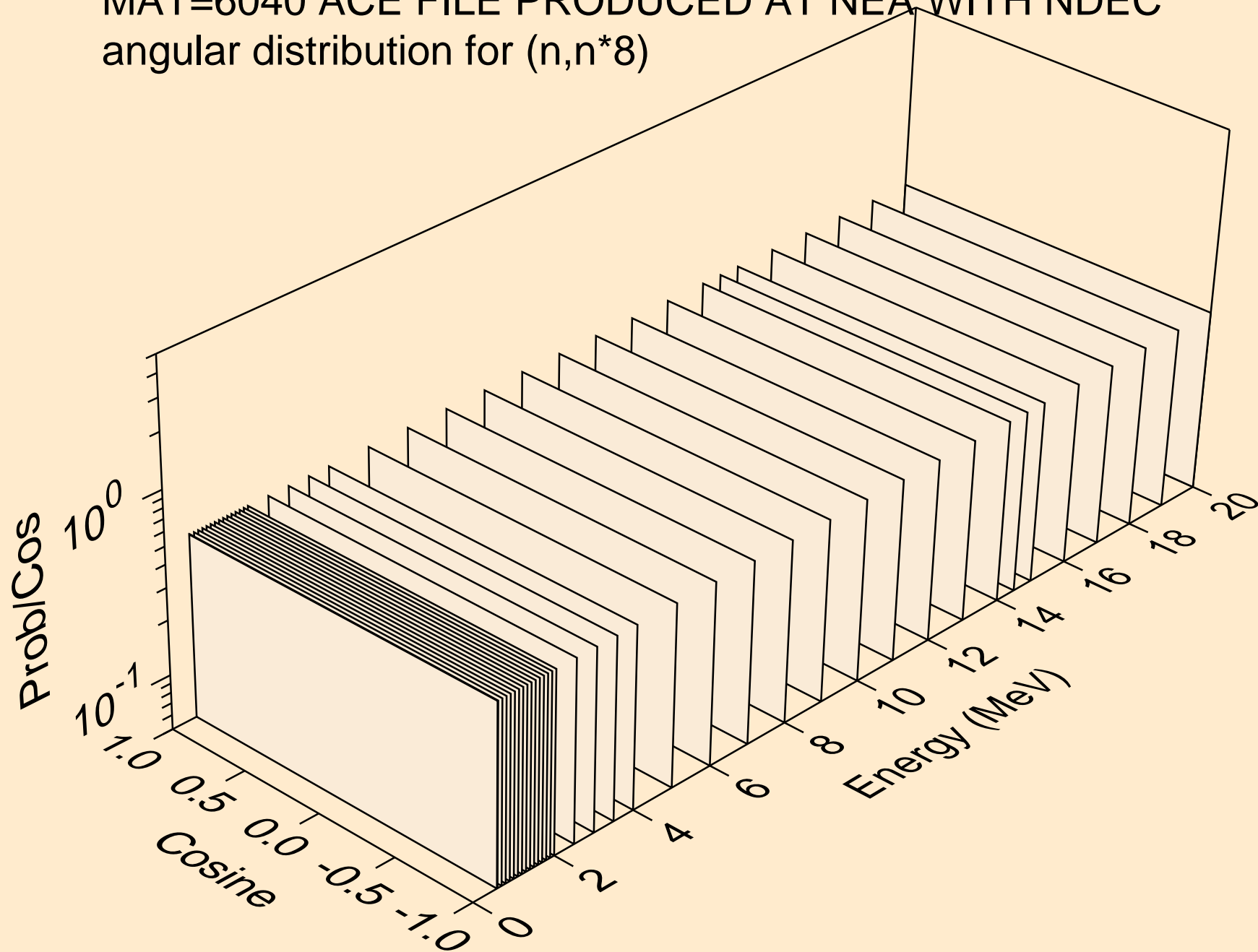


MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*7)

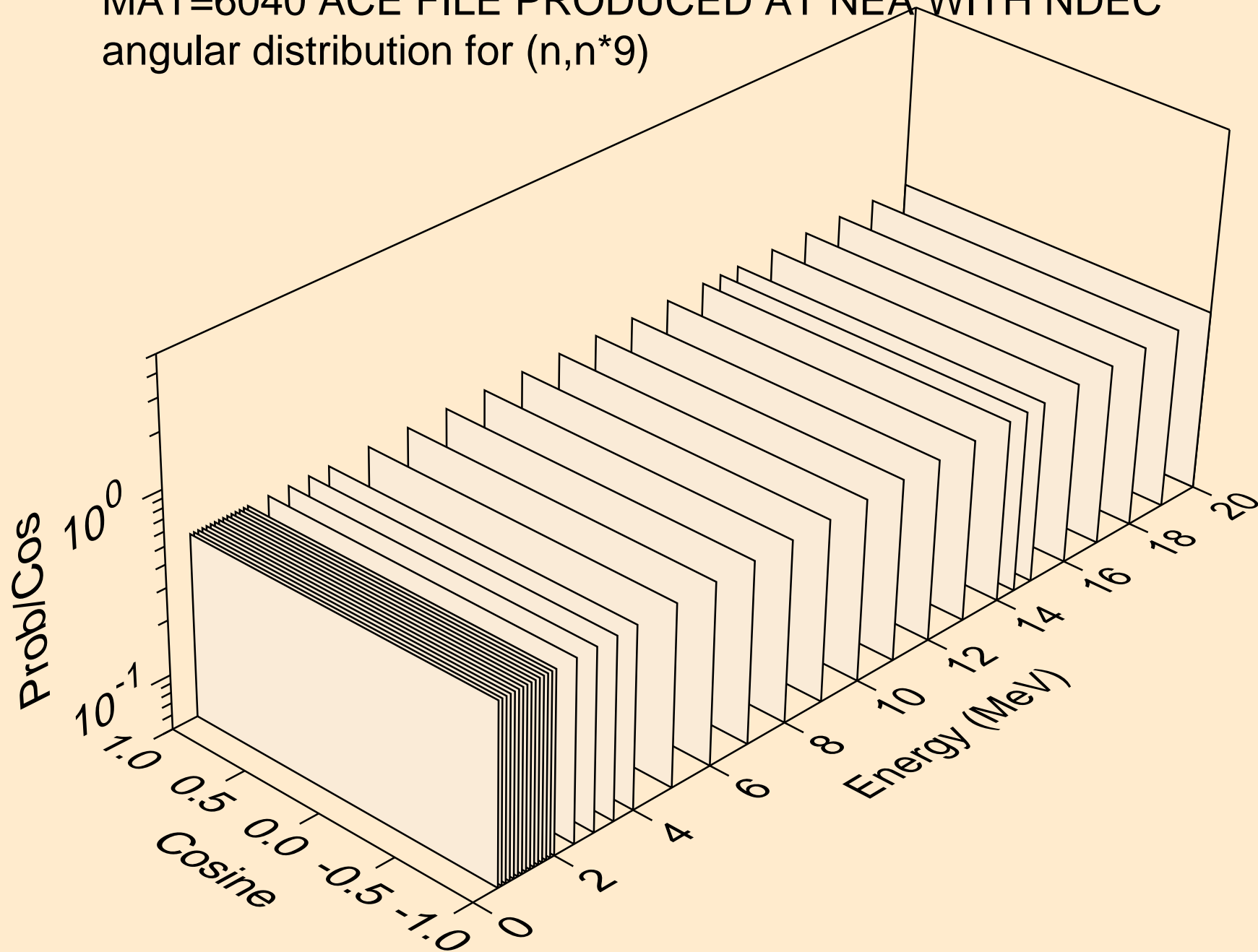




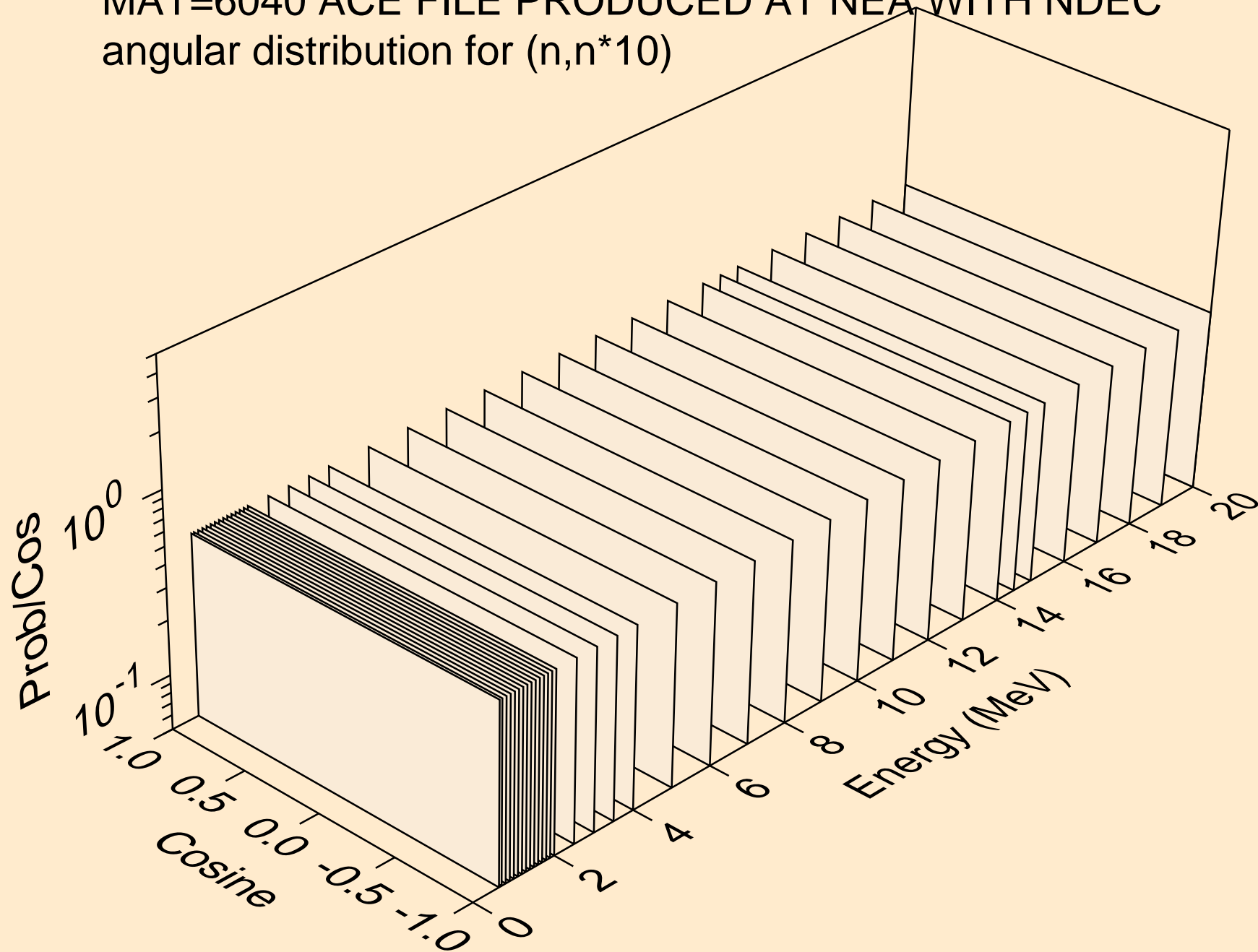
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angular distribution for (n,n\*8)



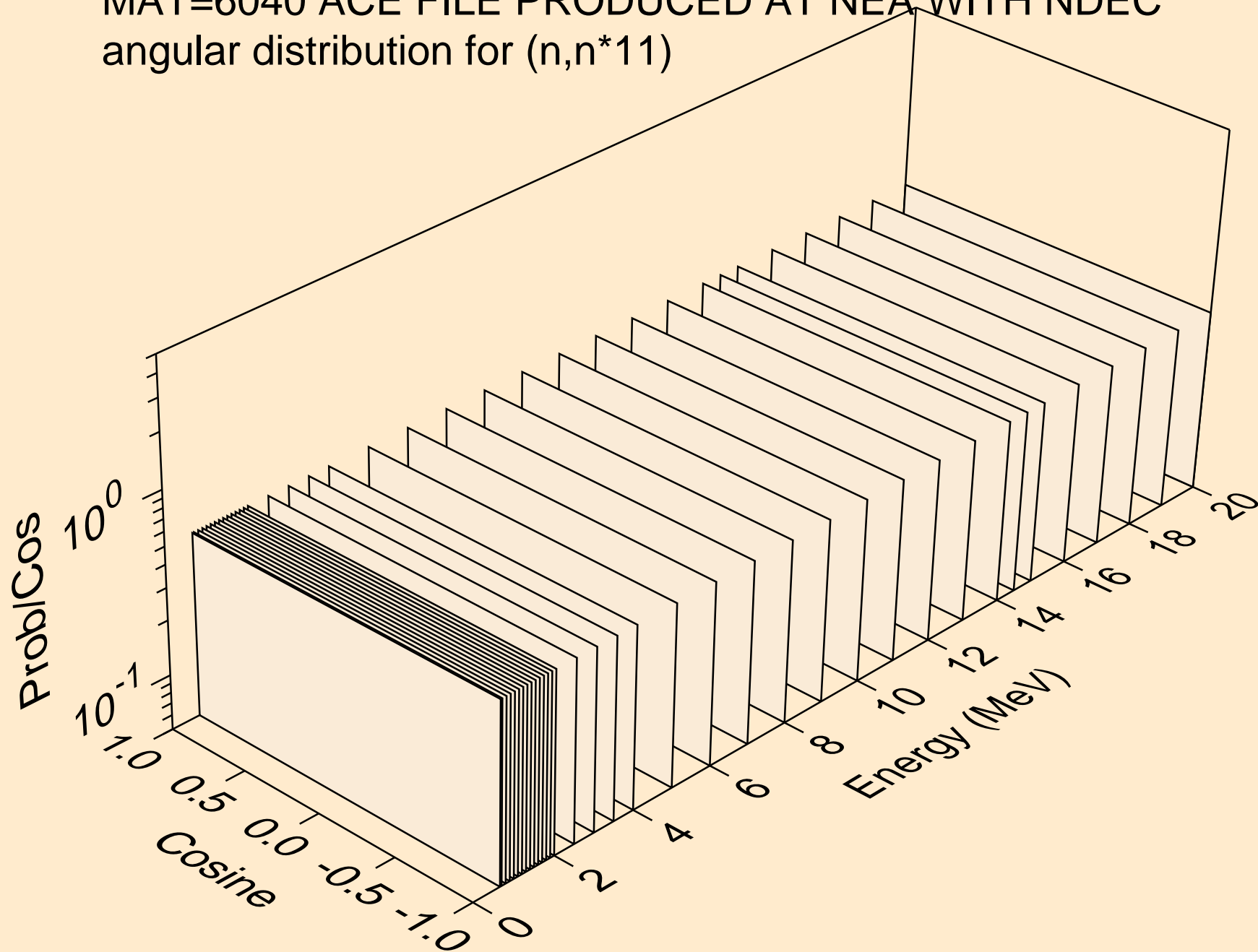
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angular distribution for (n,n\*9)



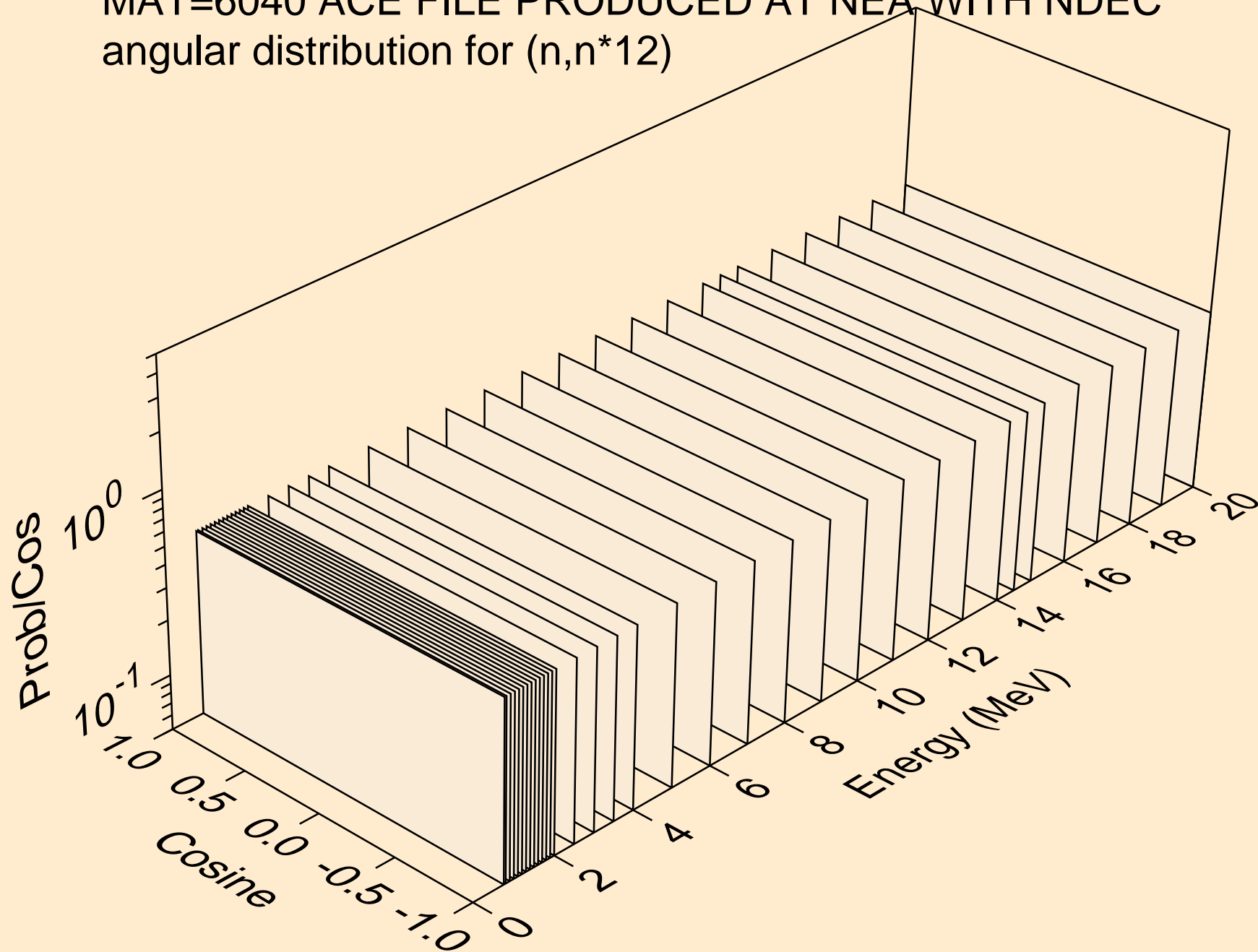
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angular distribution for (n,n\*10)



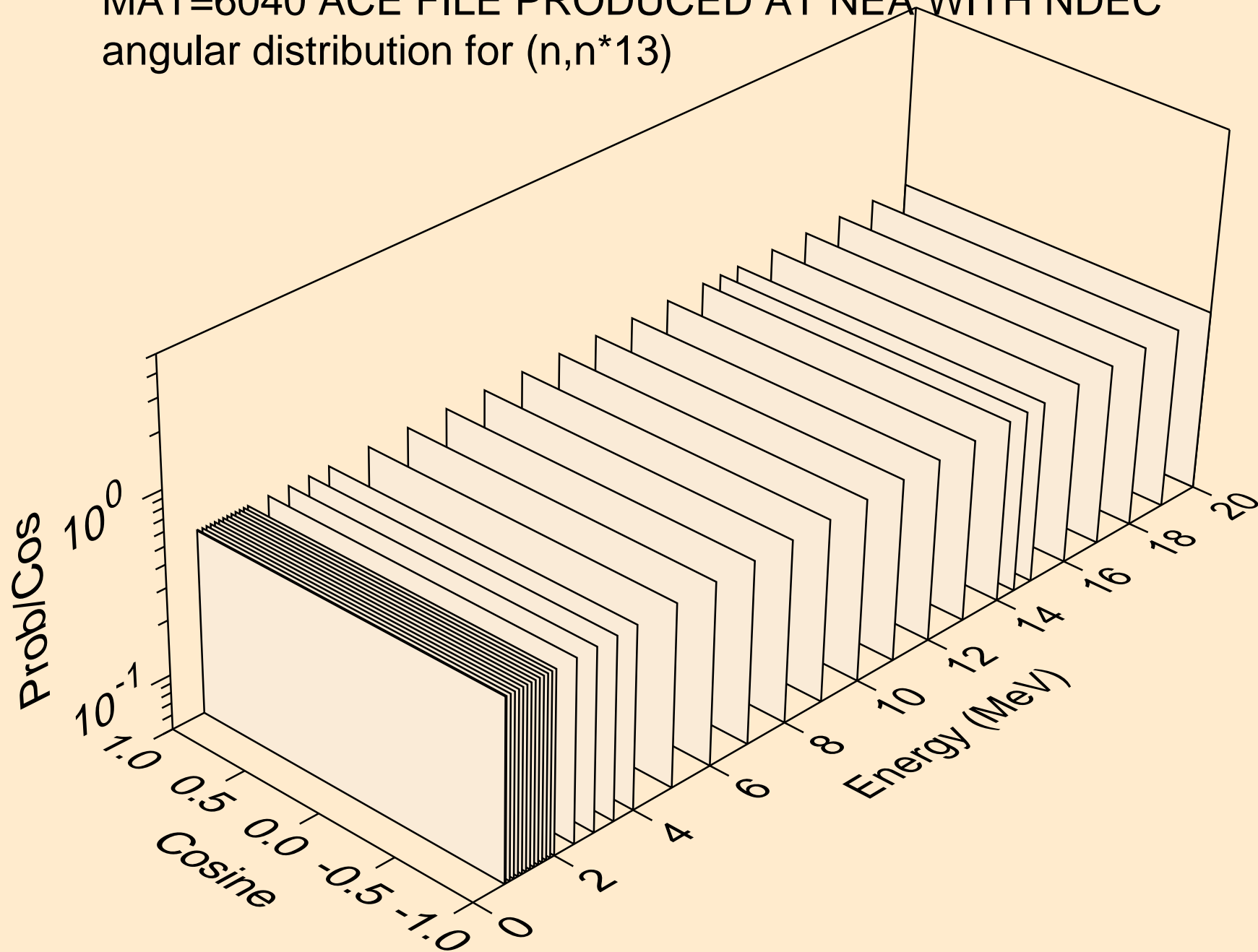
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angular distribution for (n,n\*11)



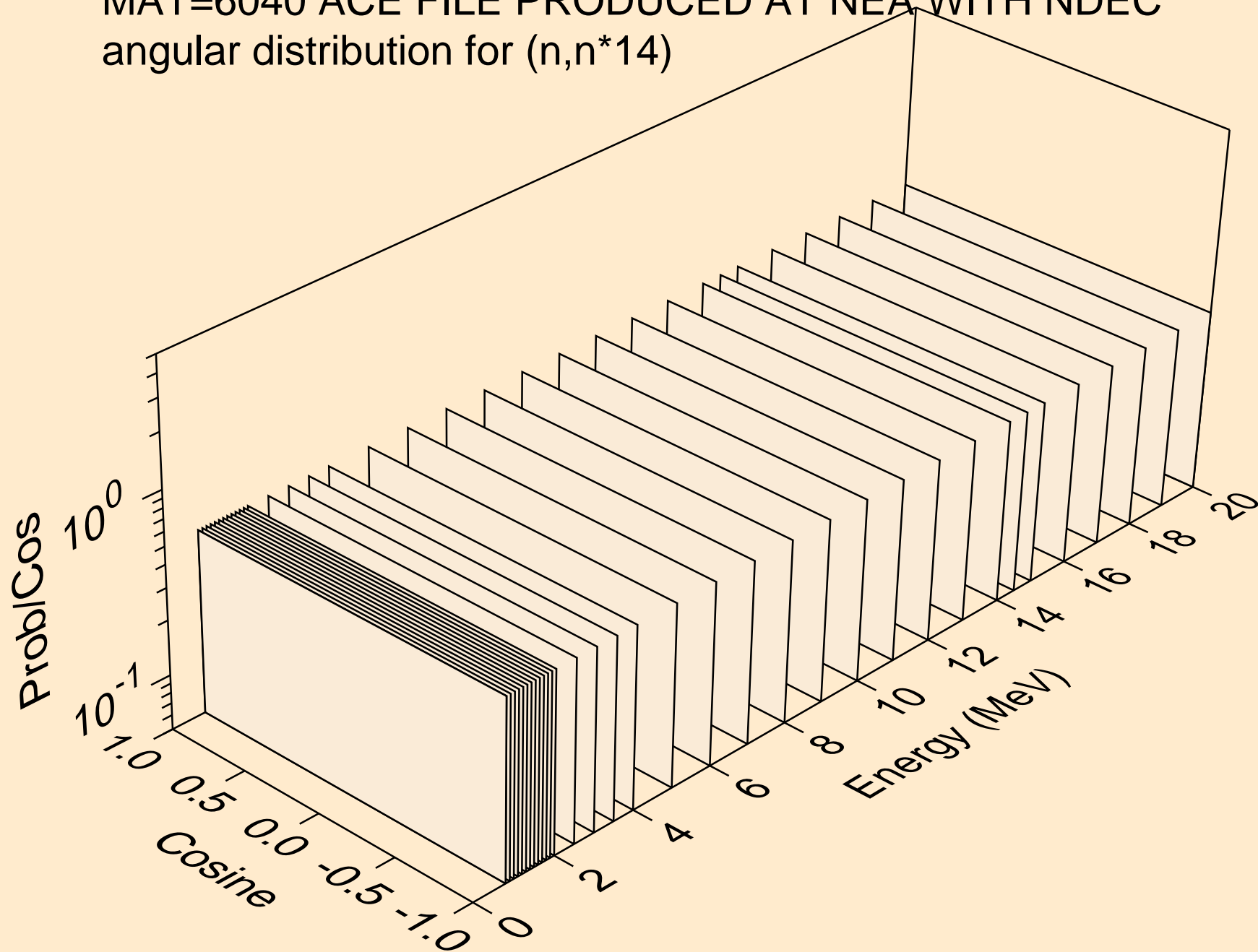
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angular distribution for (n,n\*12)



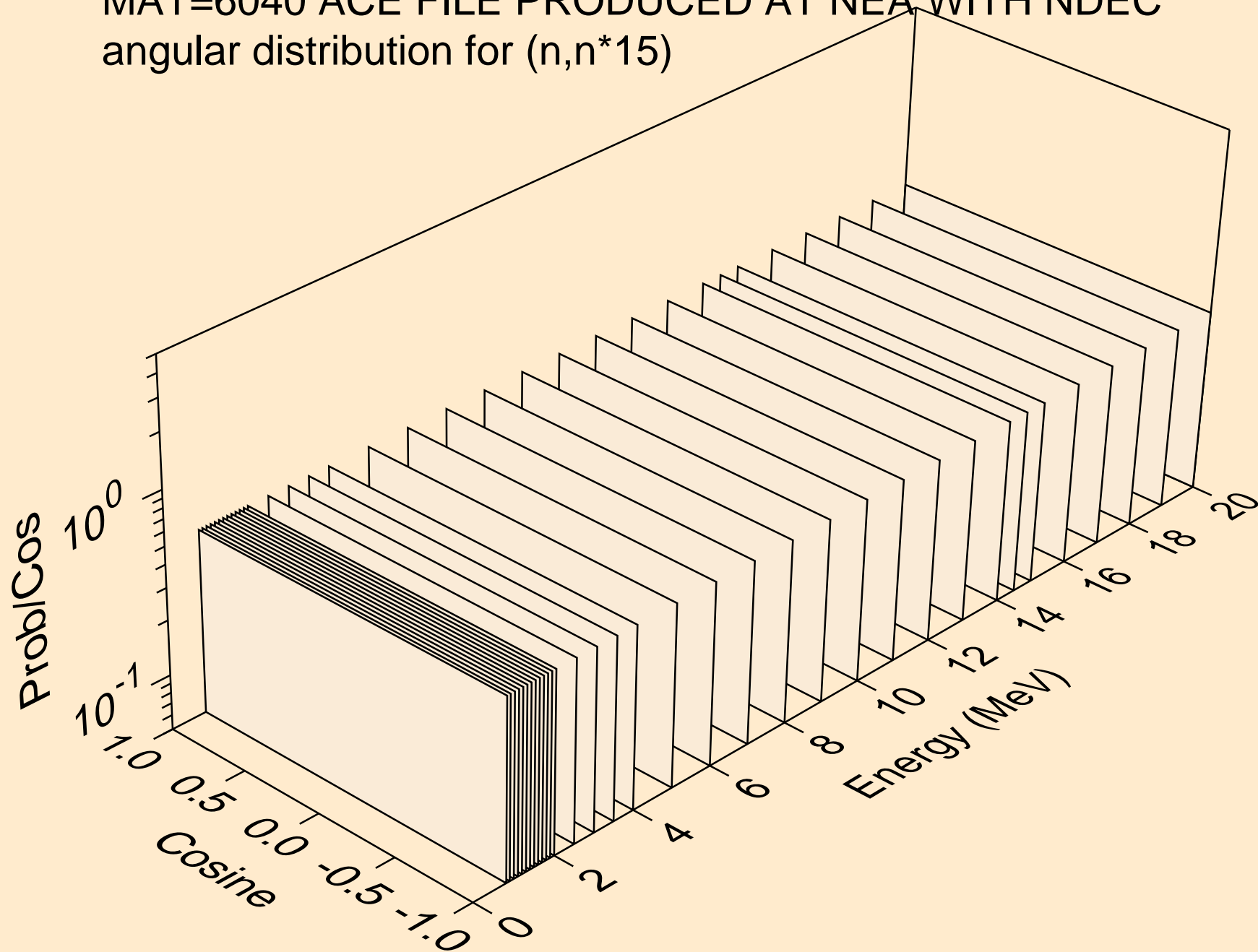
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angular distribution for (n,n\*13)



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*14)

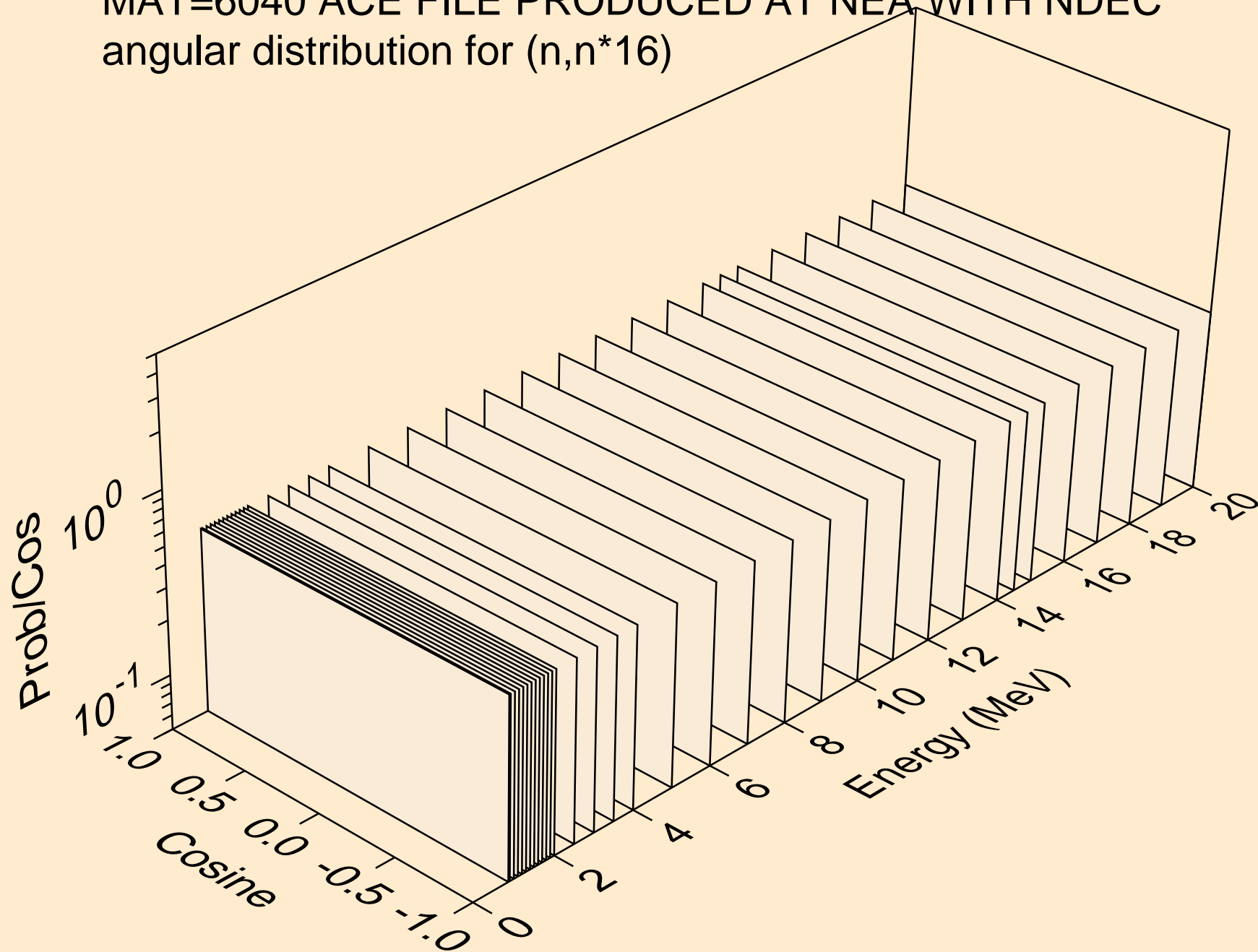


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angular distribution for (n,n\*15)

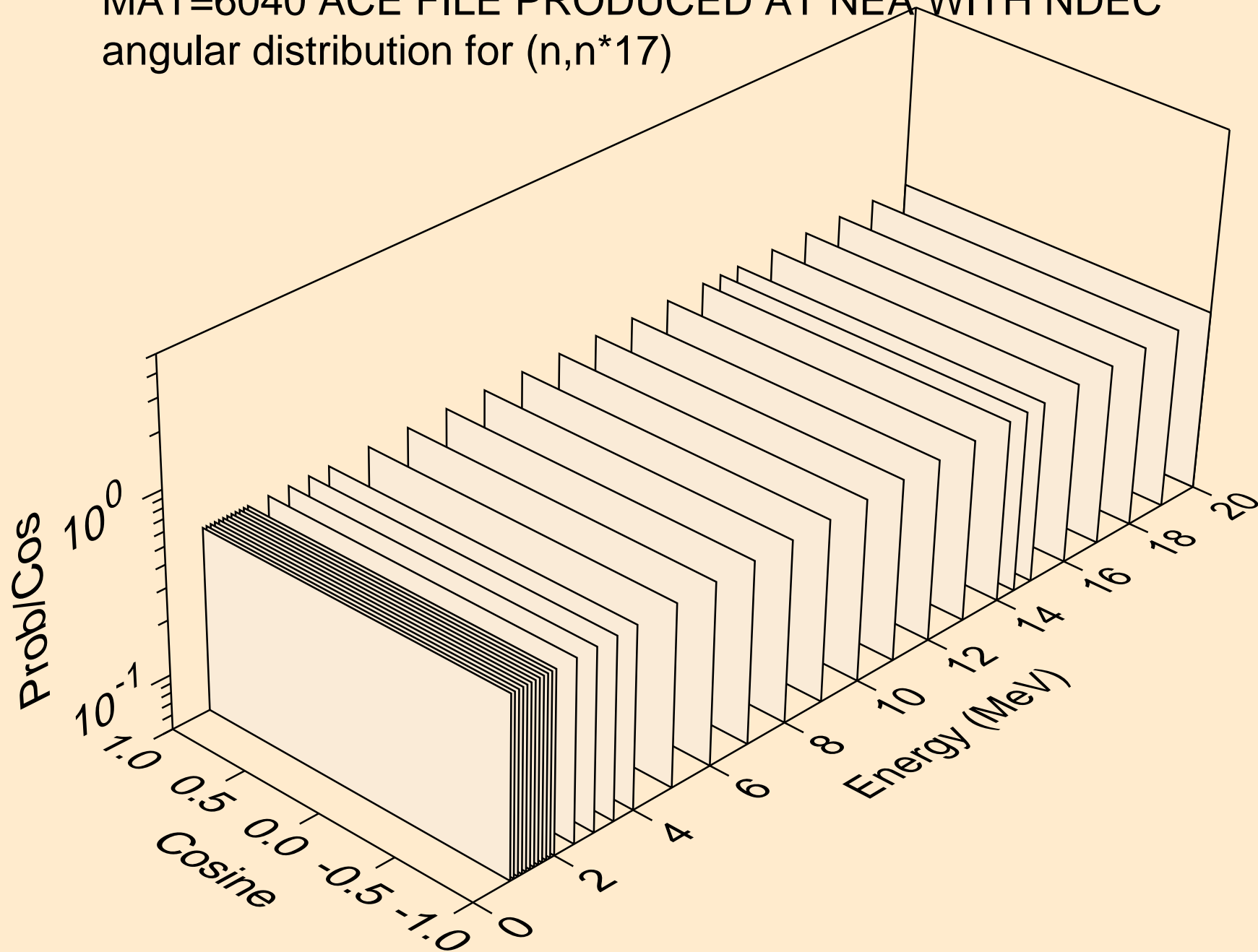




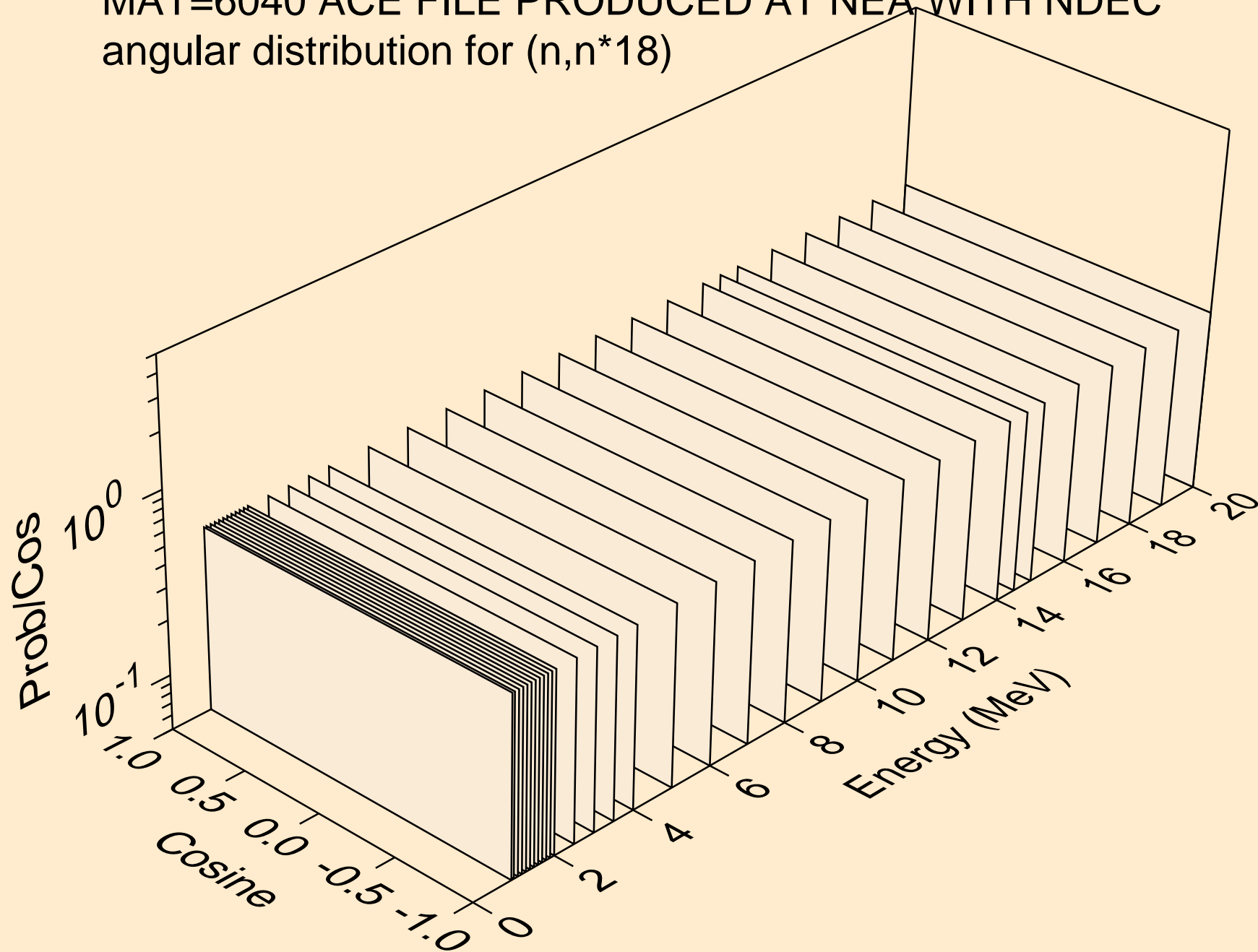
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angular distribution for (n,n\*16)



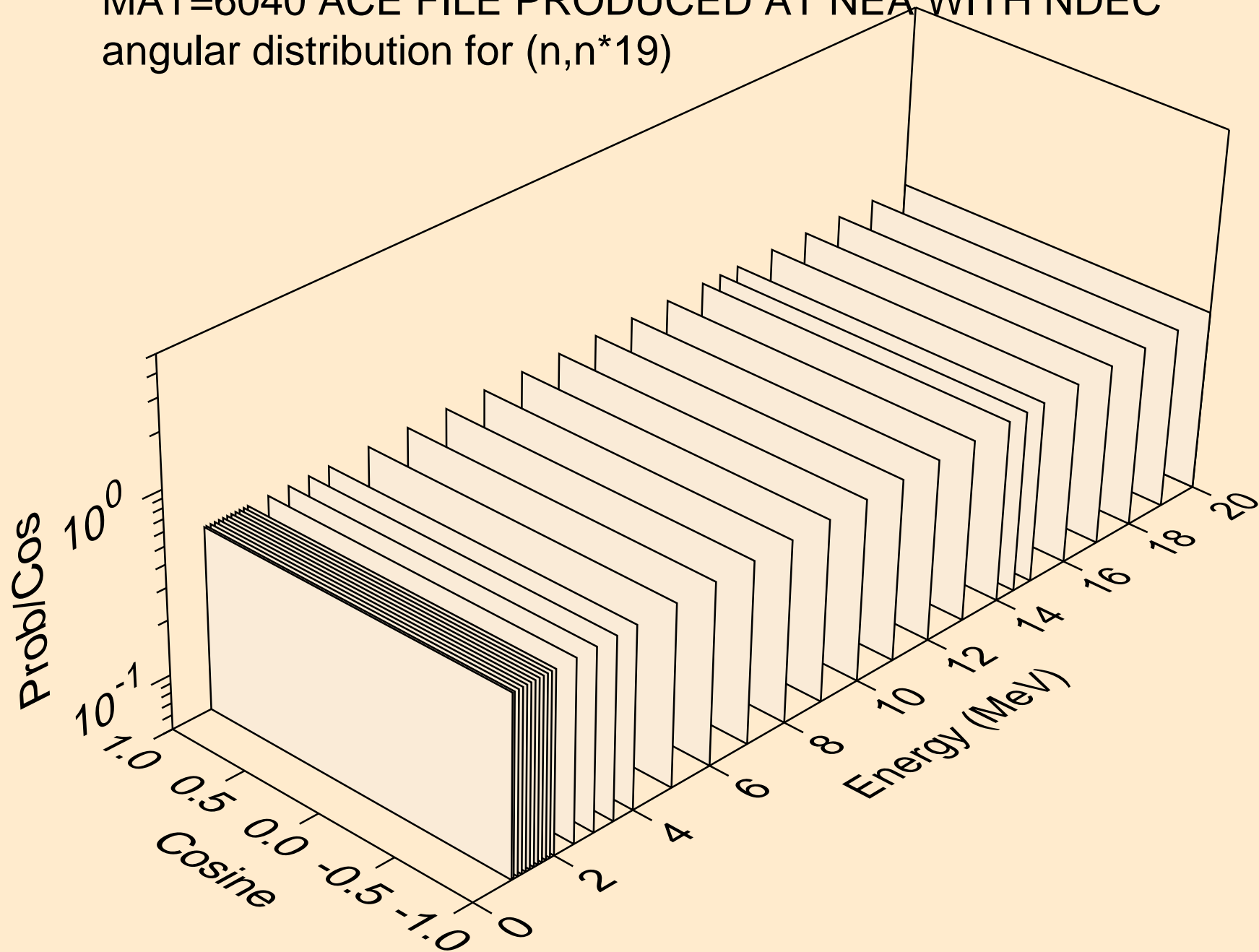
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angular distribution for (n,n\*17)



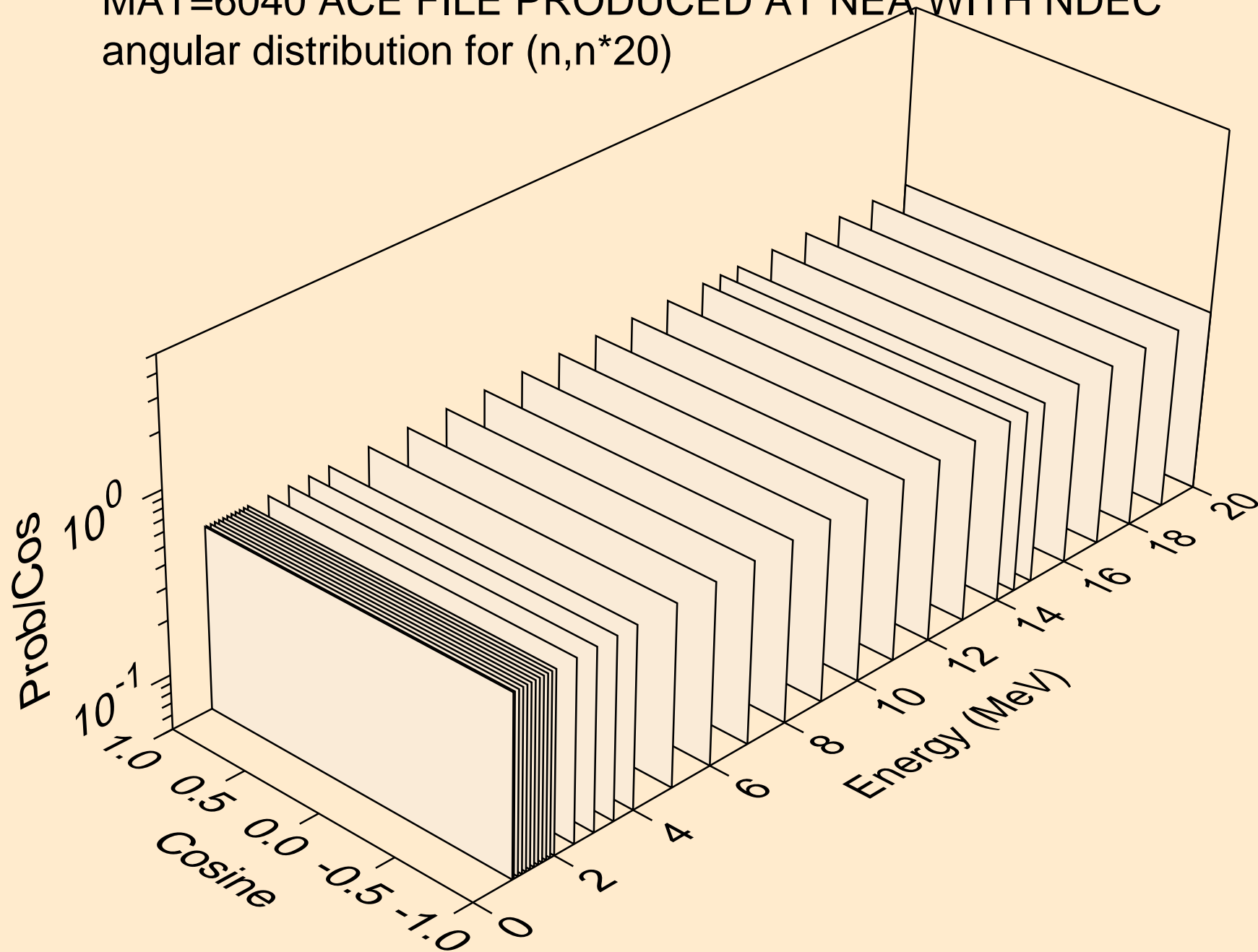
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angular distribution for (n,n\*18)



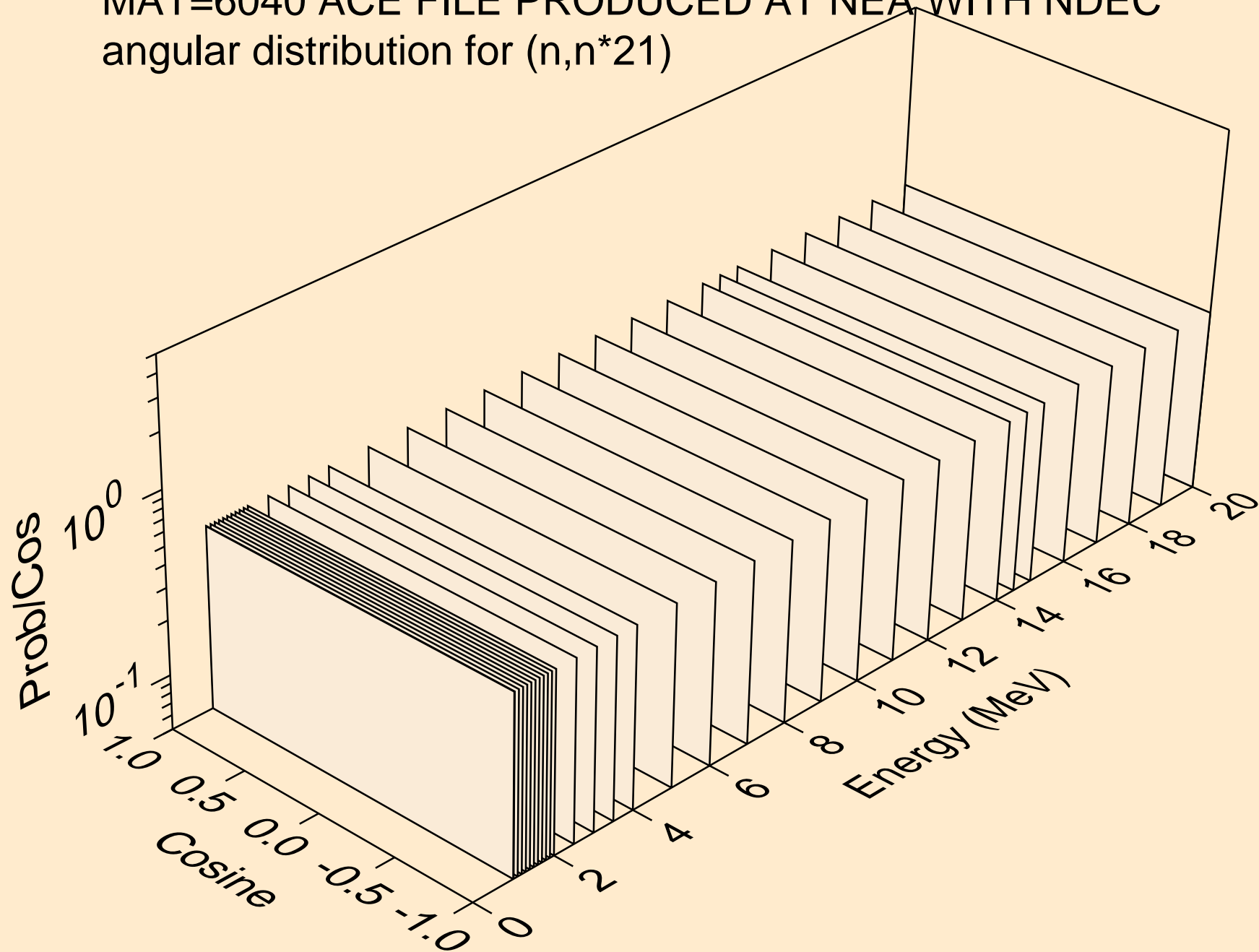
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angular distribution for (n,n\*19)



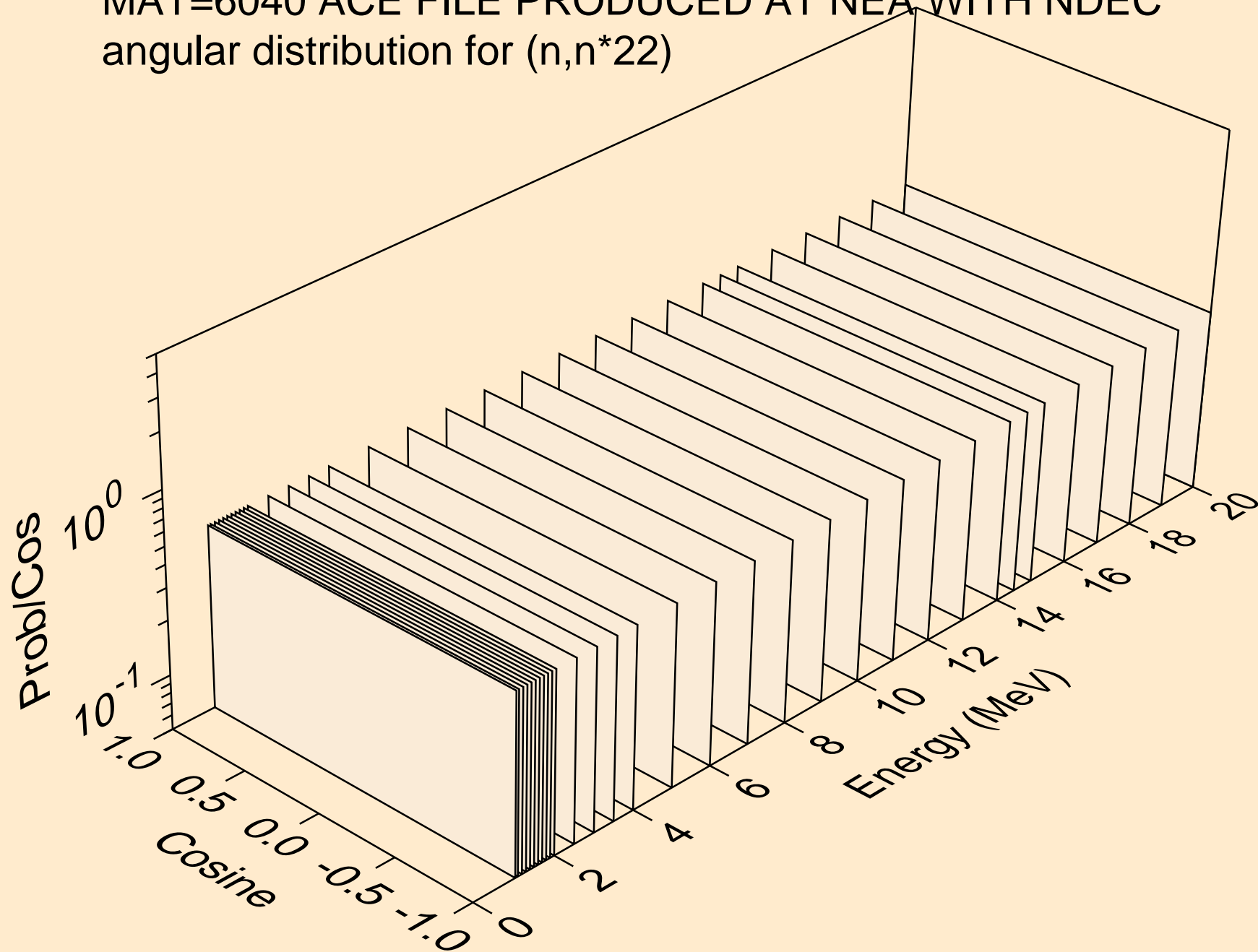
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angular distribution for (n,n\*20)



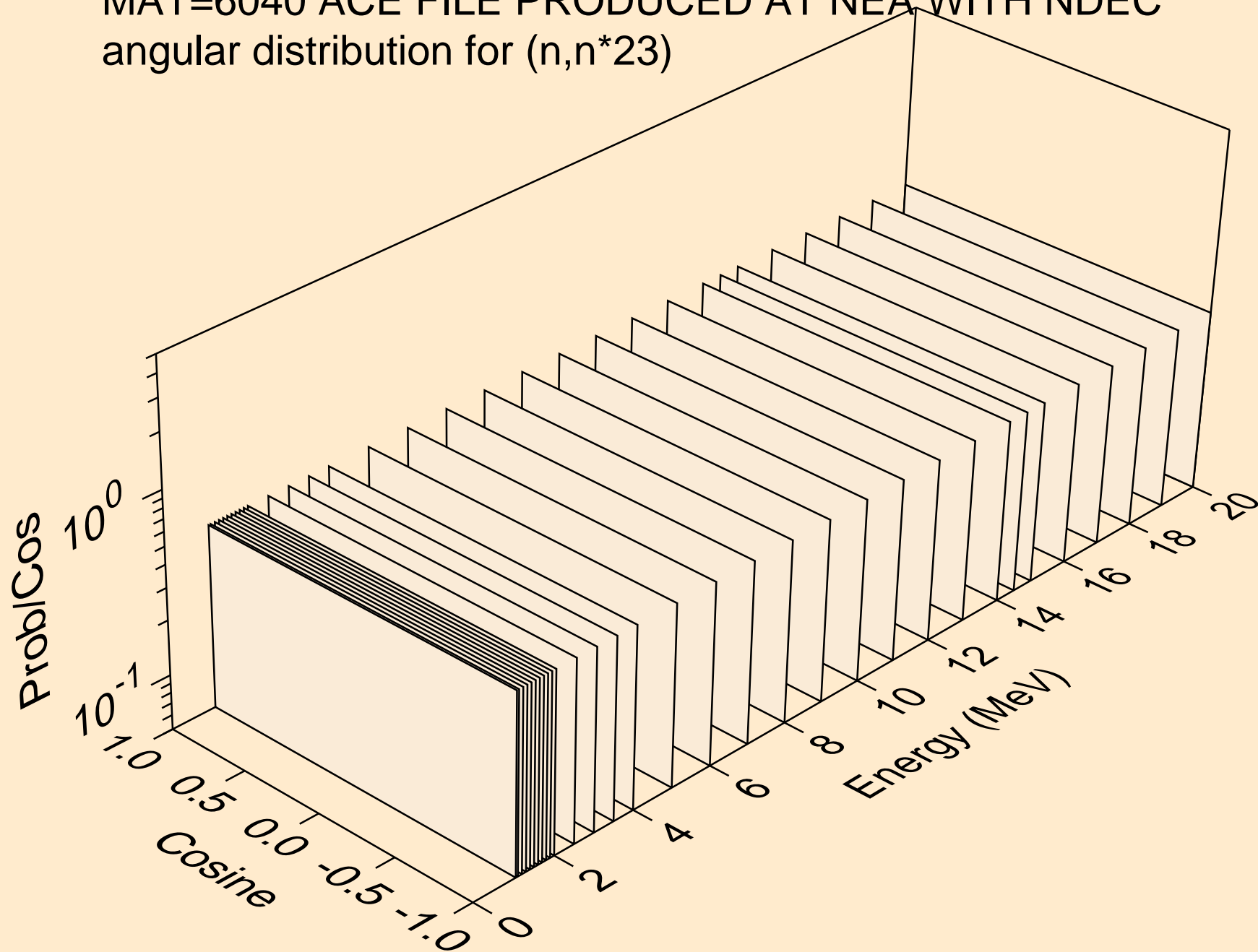
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angular distribution for (n,n\*21)



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*22)

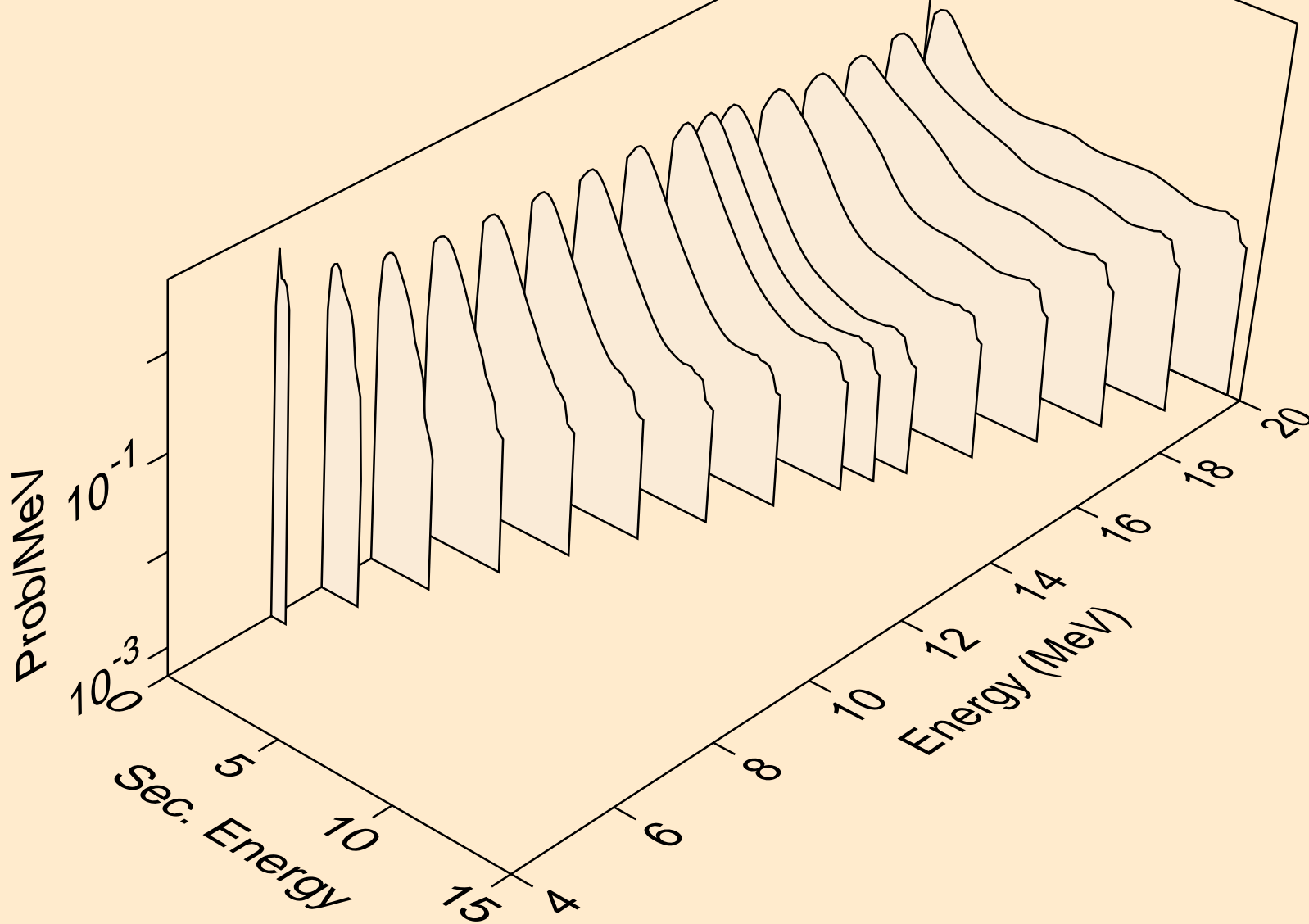


MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,n\*23)

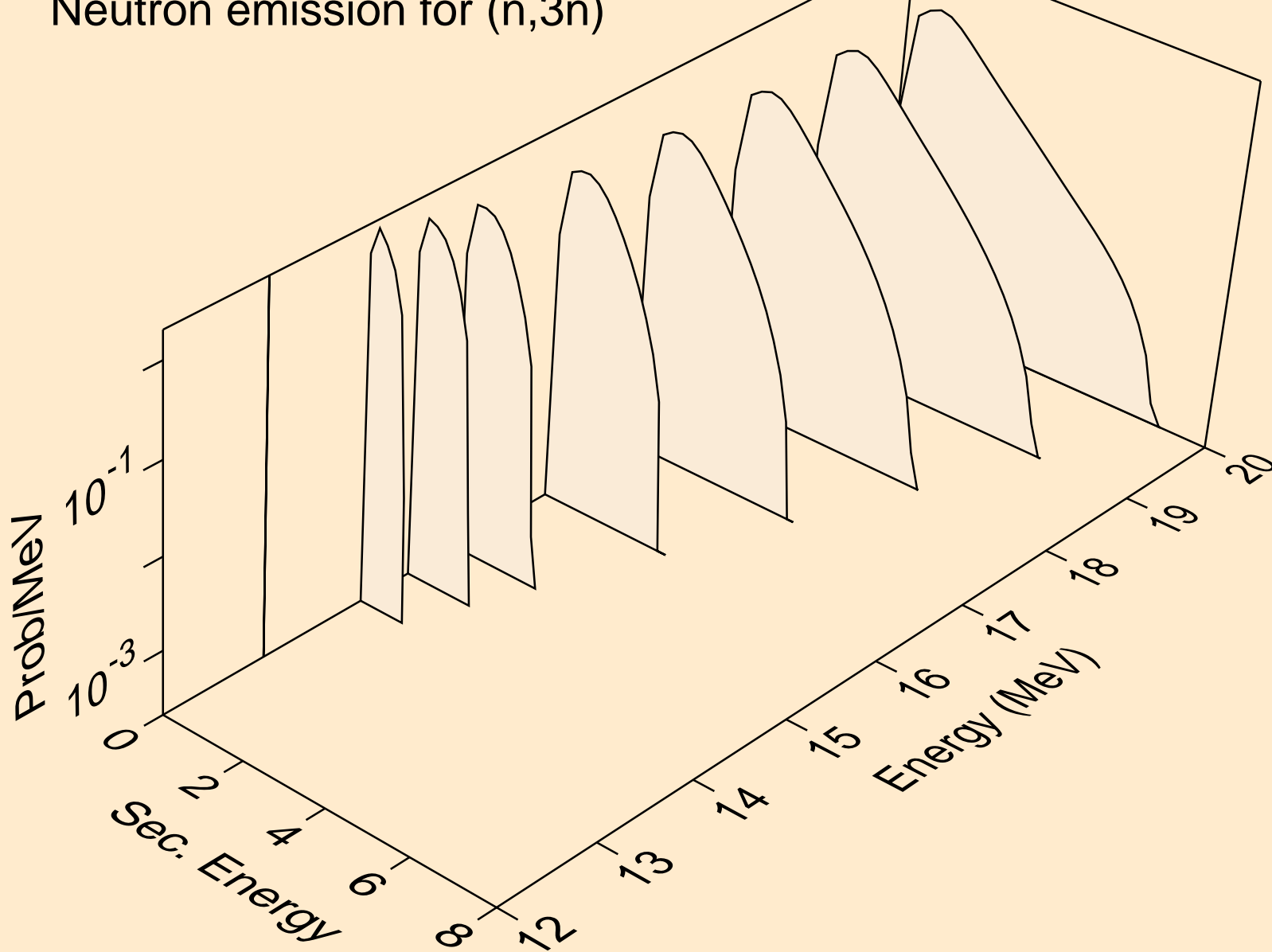




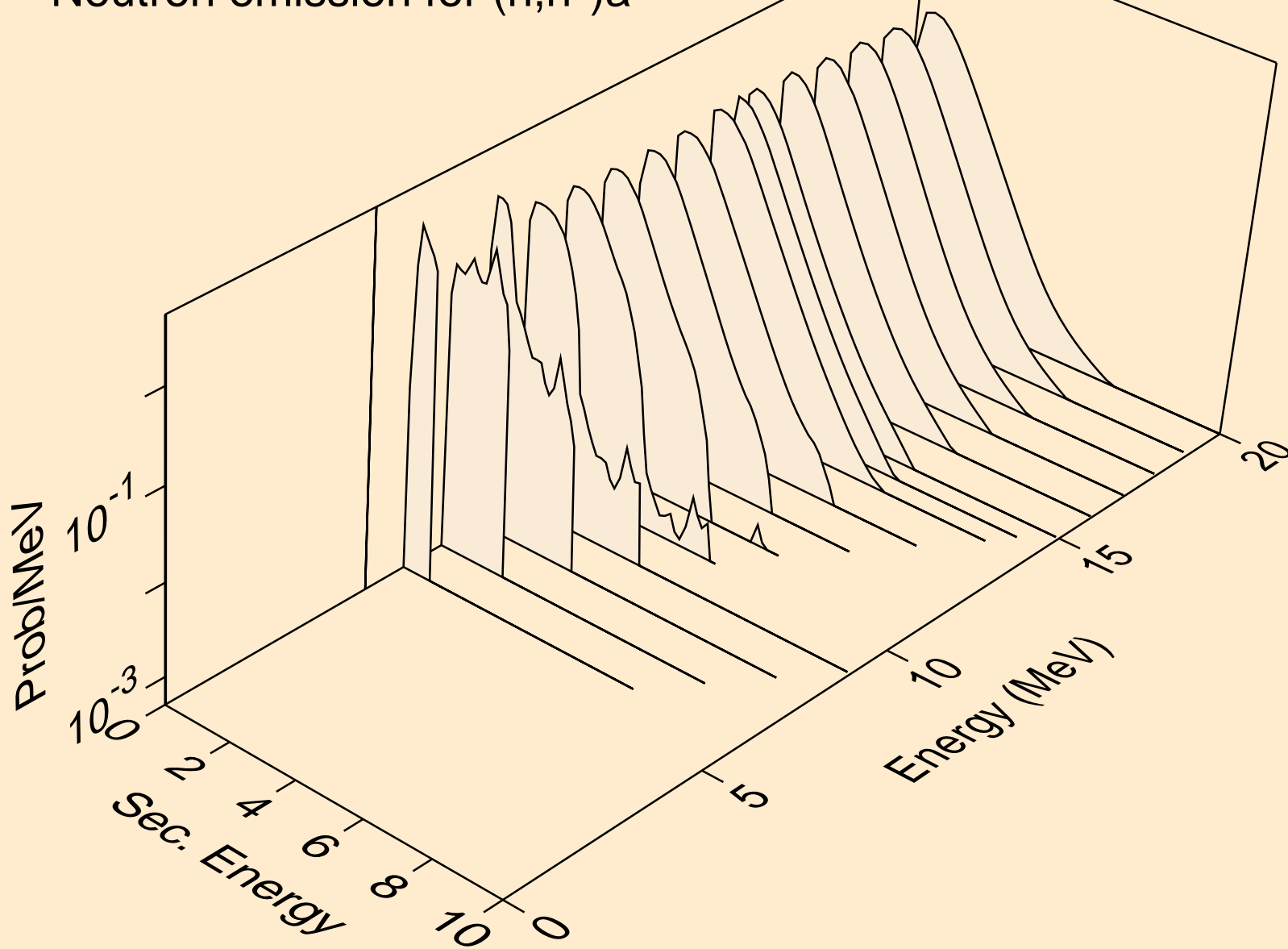
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2n)



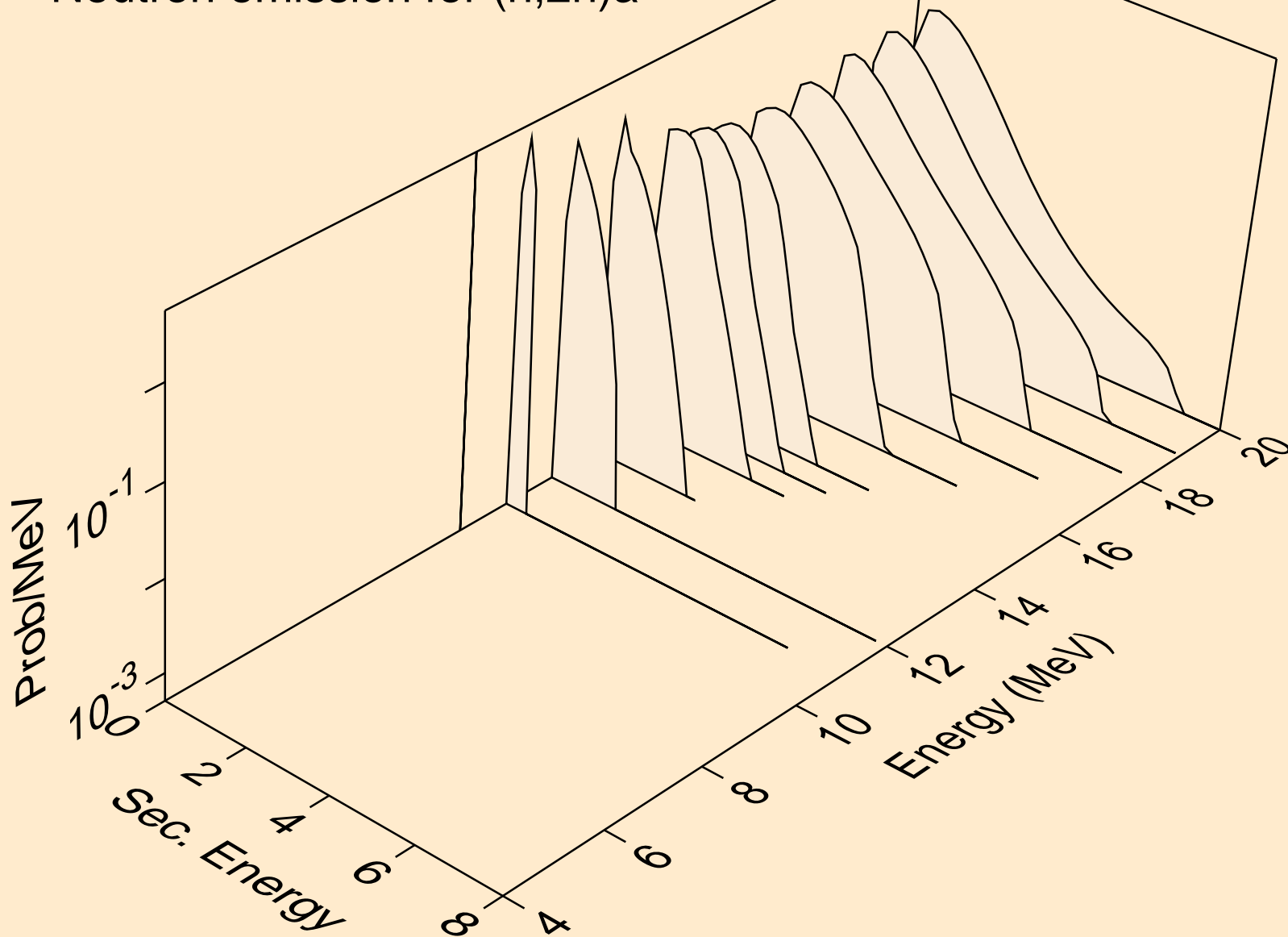
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,3n)



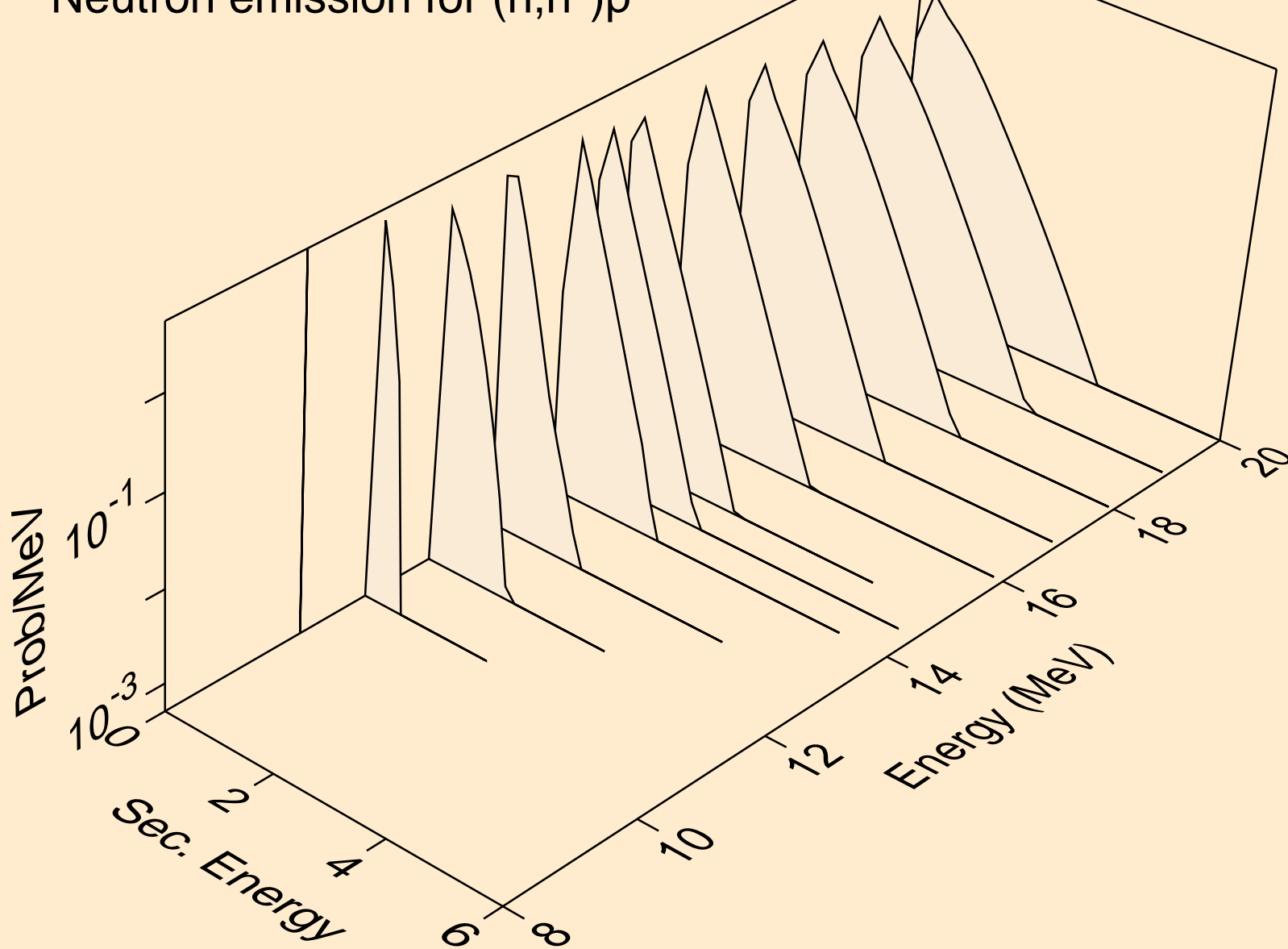
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)a



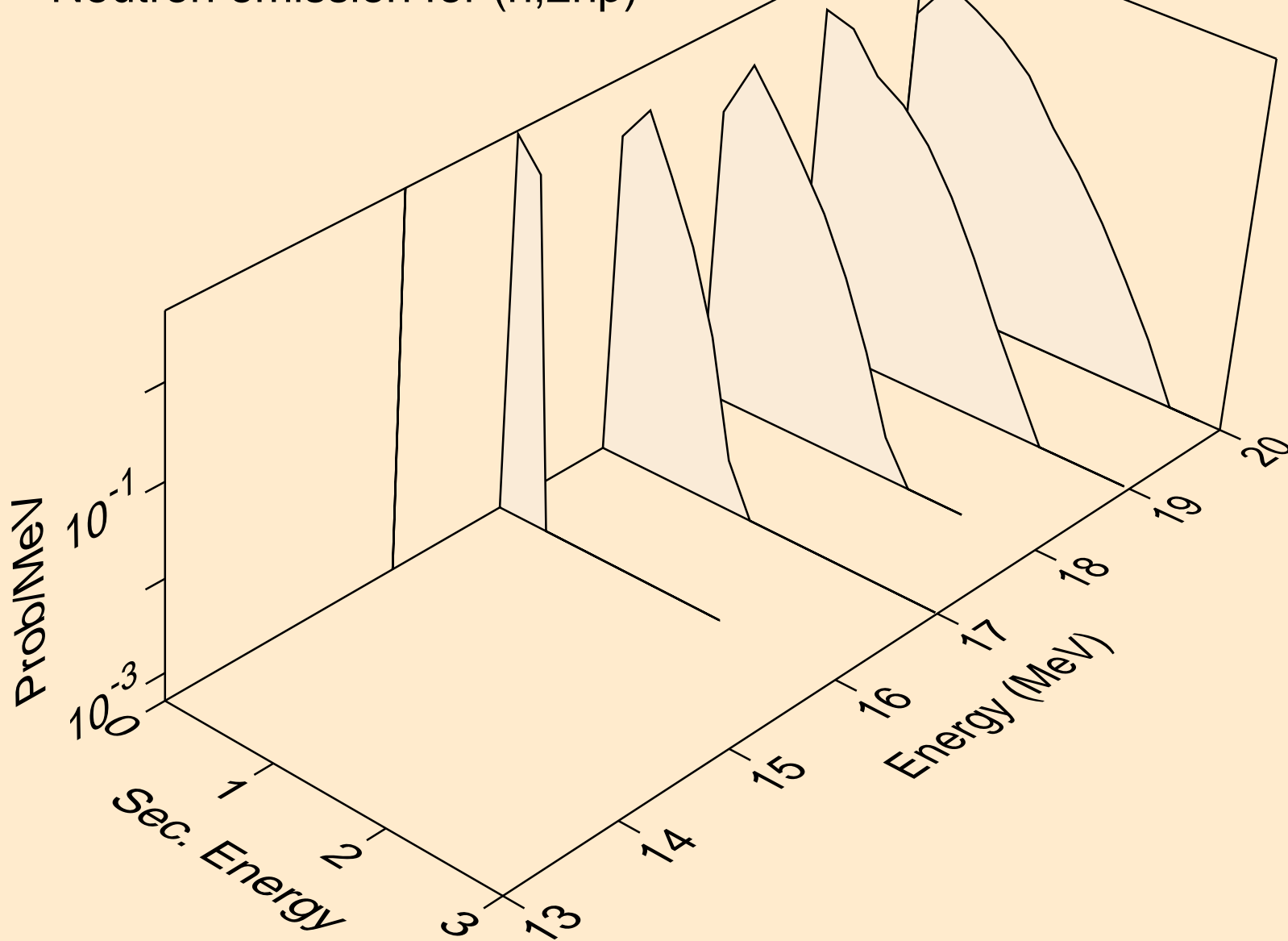
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2n)a



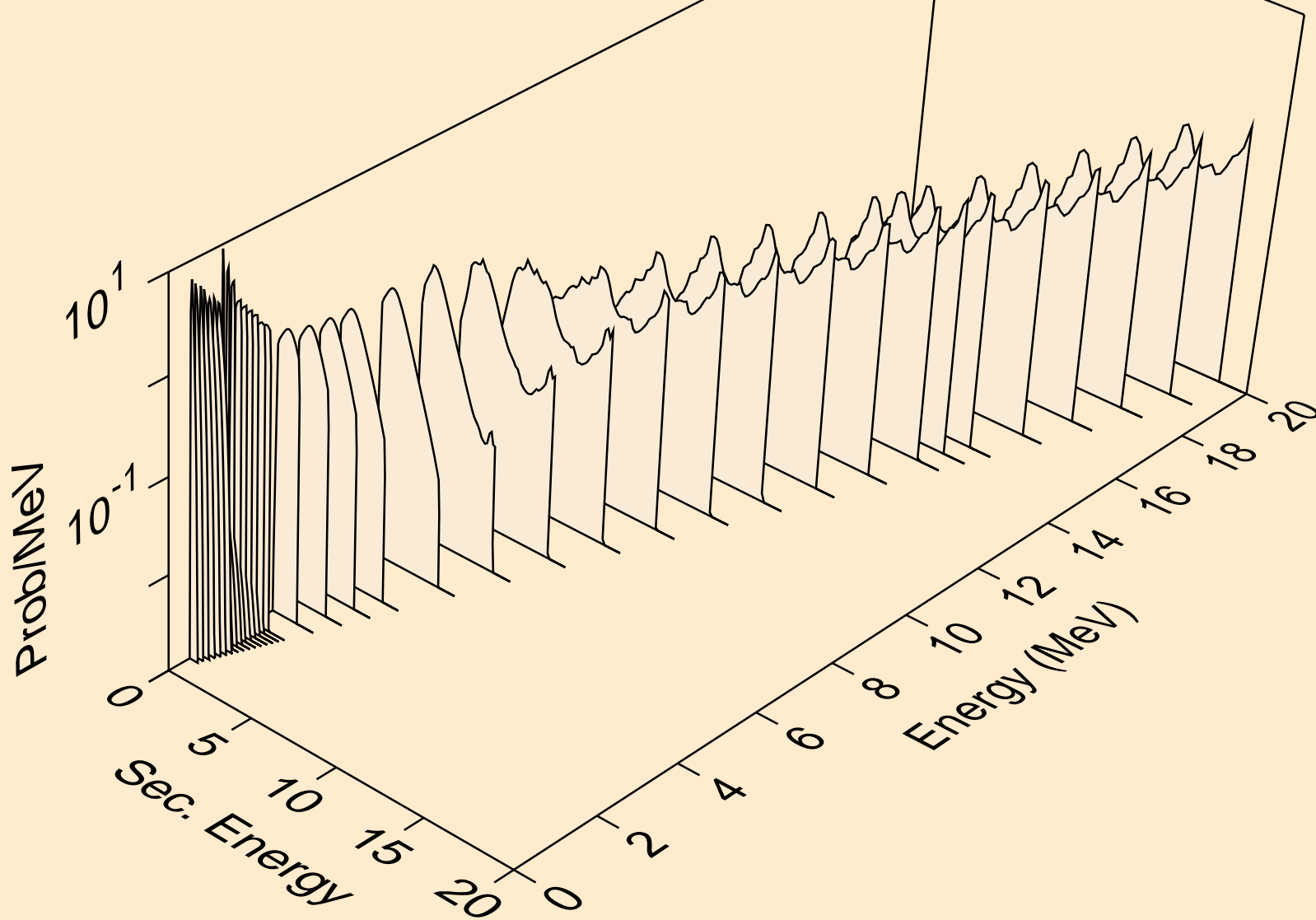
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*)p



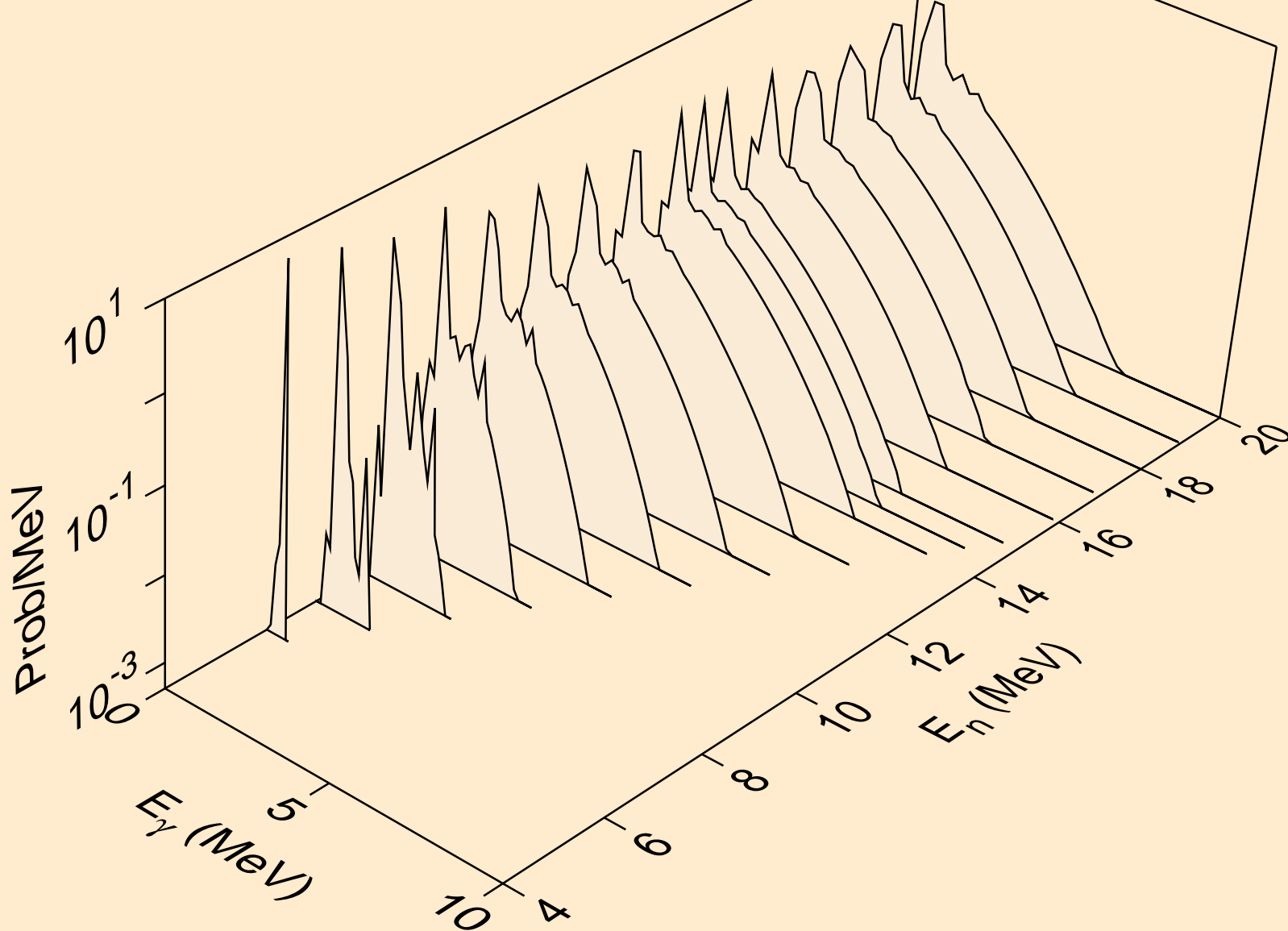
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,2np)



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Neutron emission for (n,n\*c)

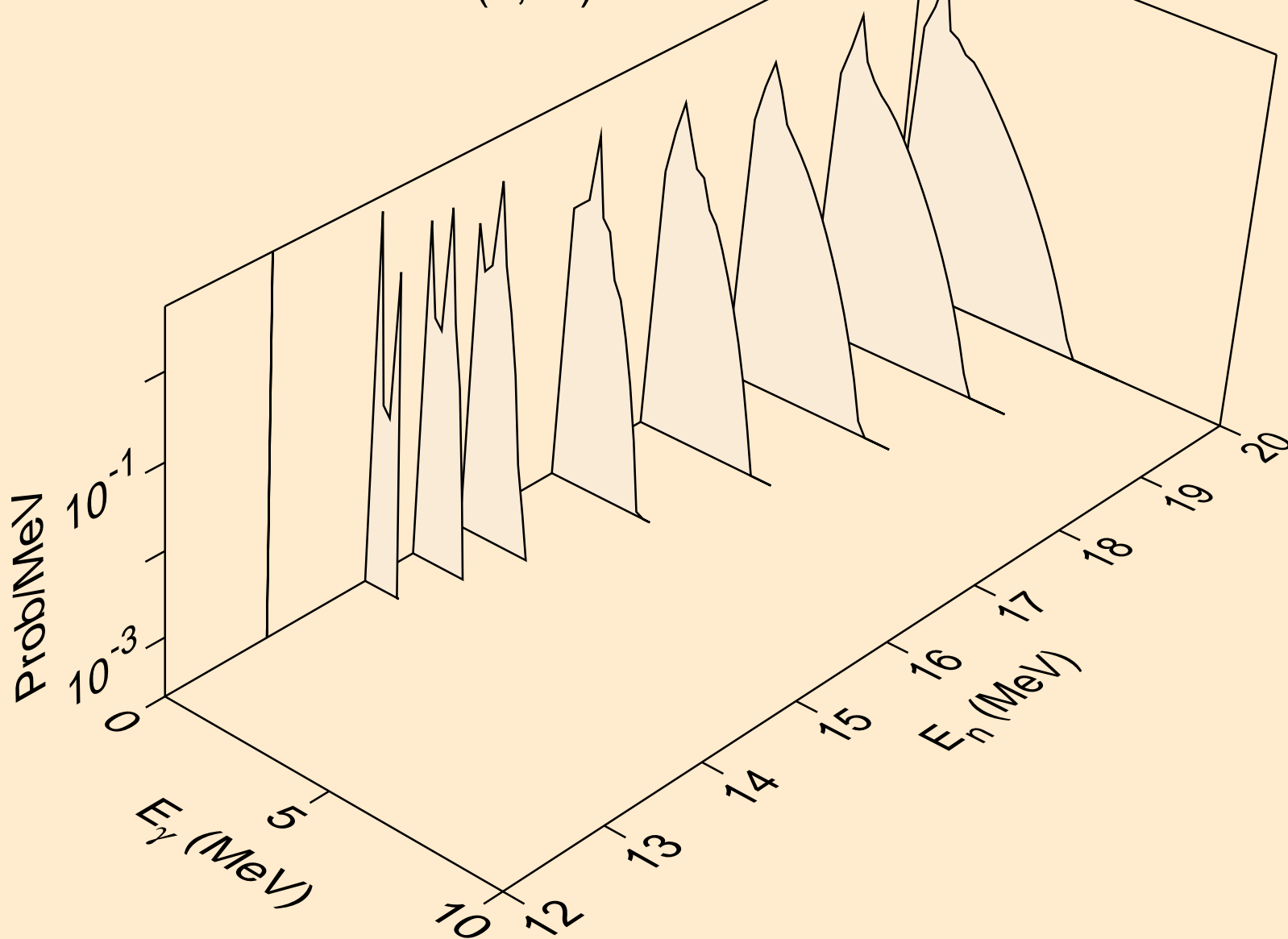


MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,2n)

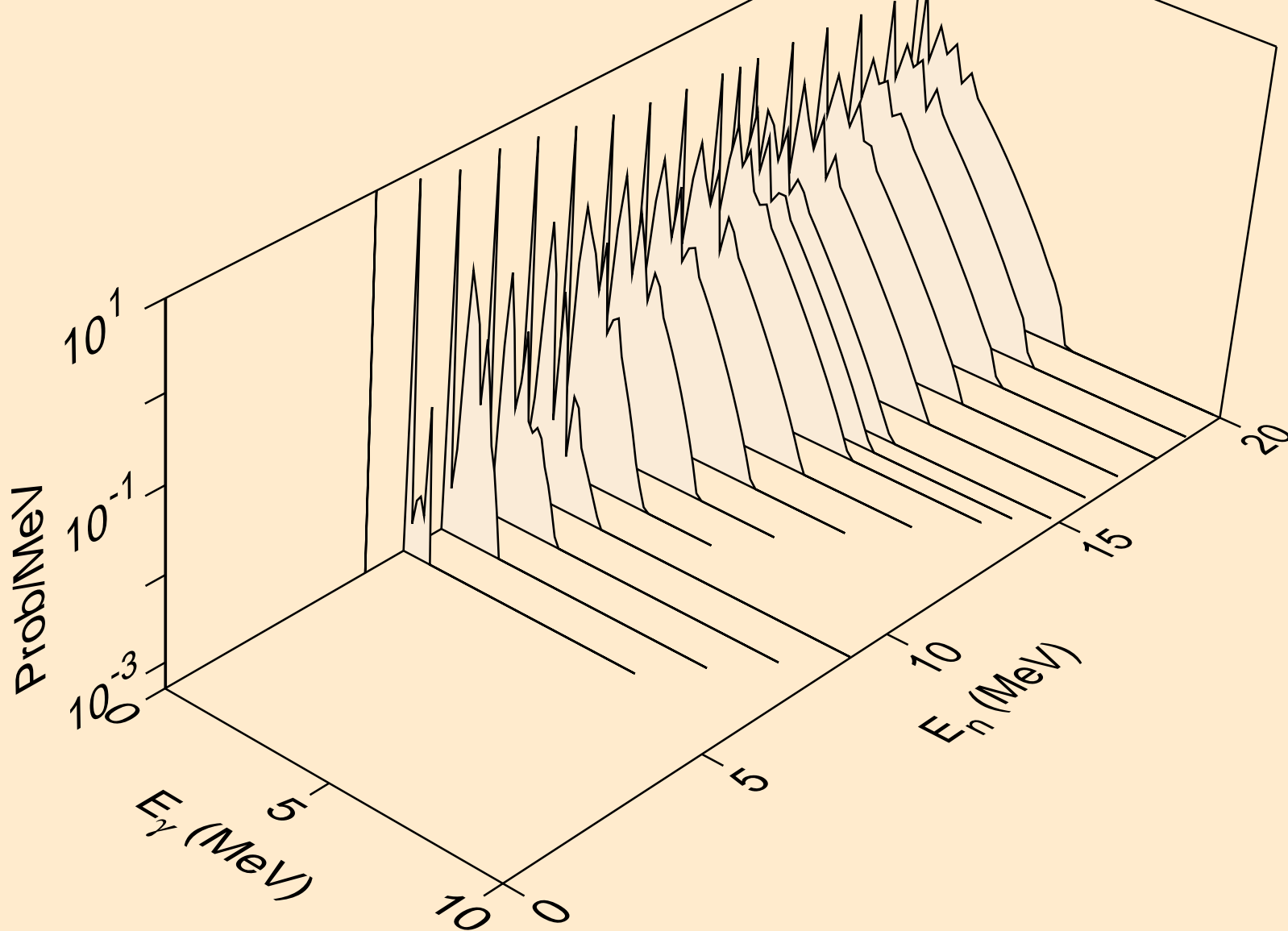




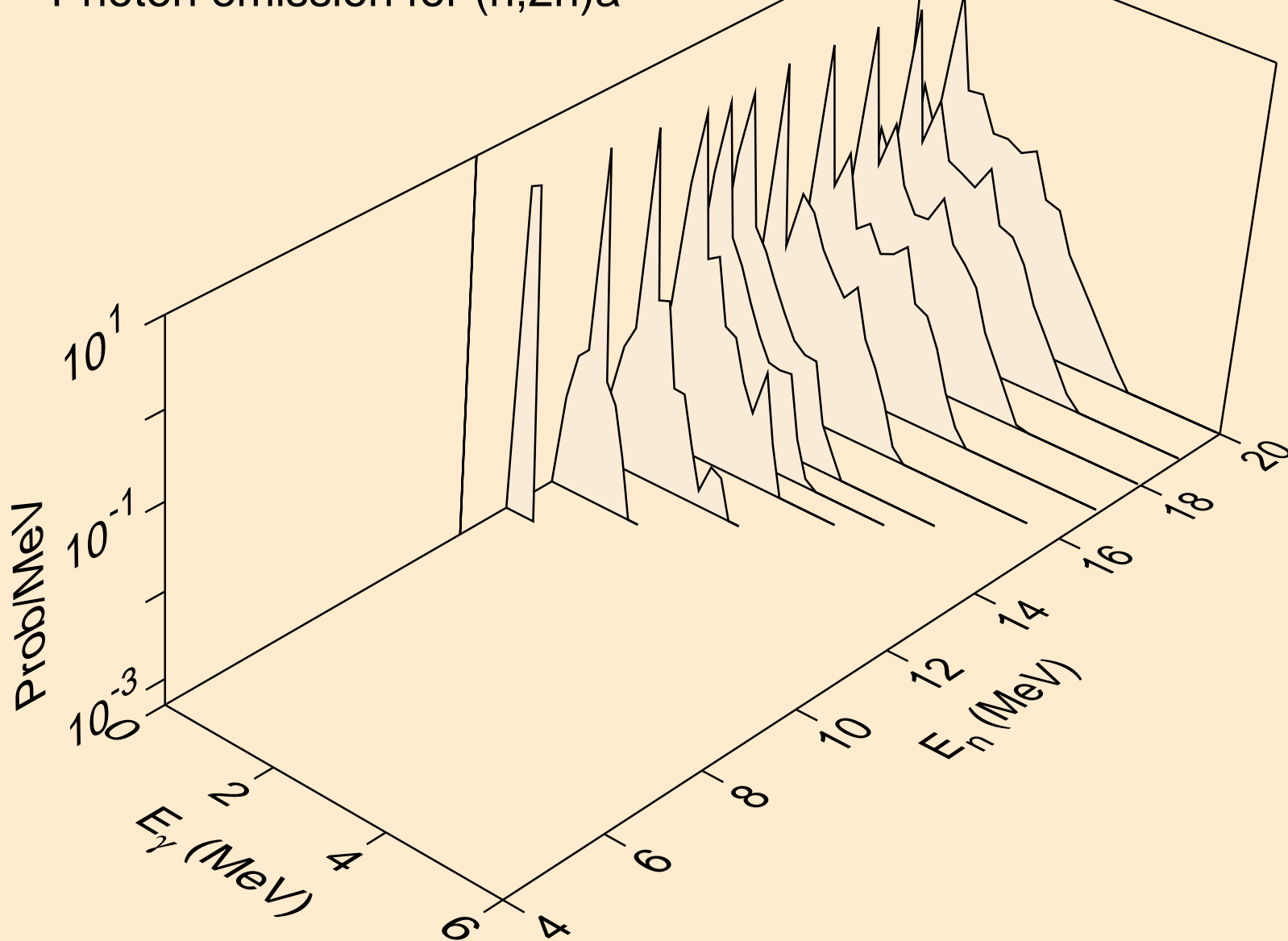
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,3n)



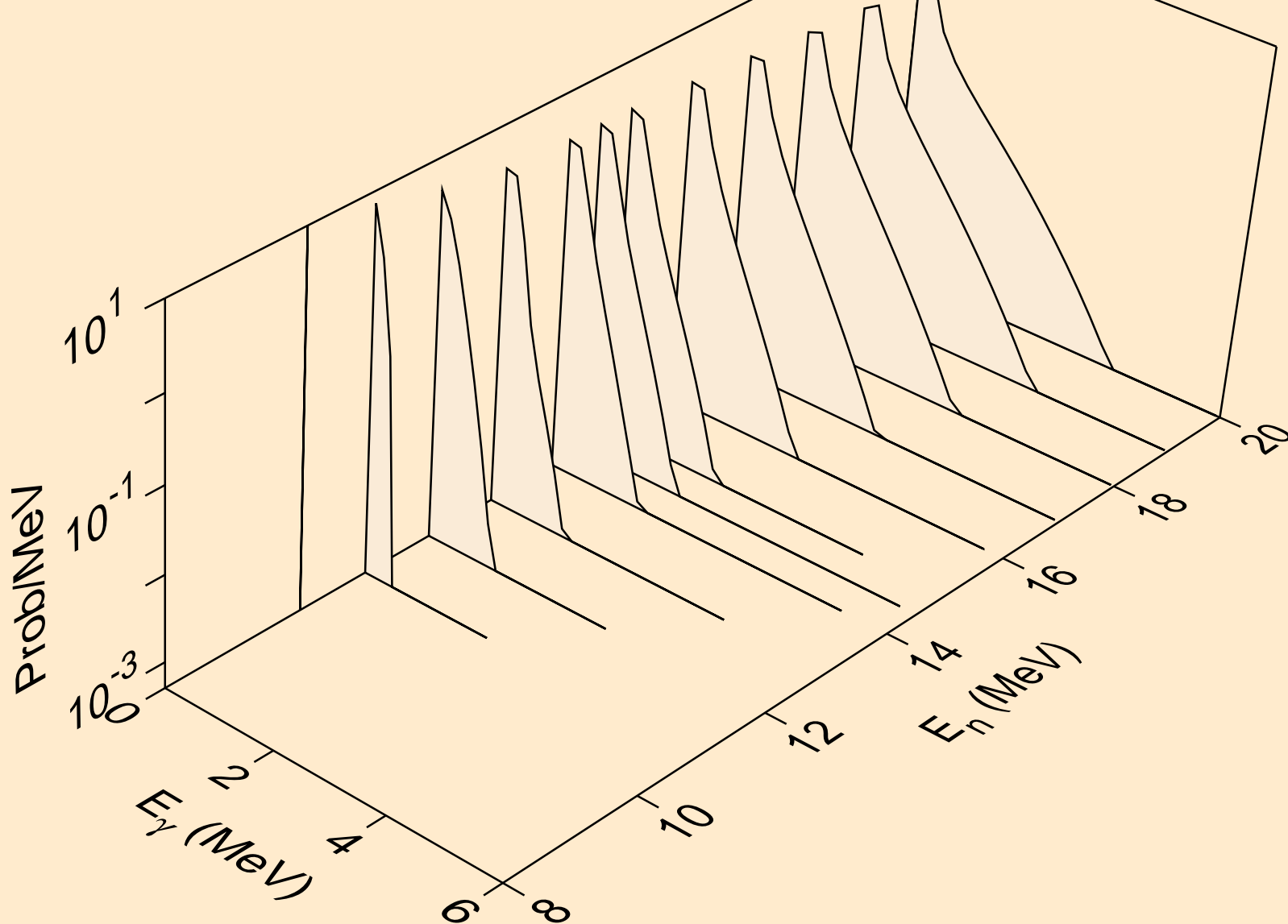
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*)a



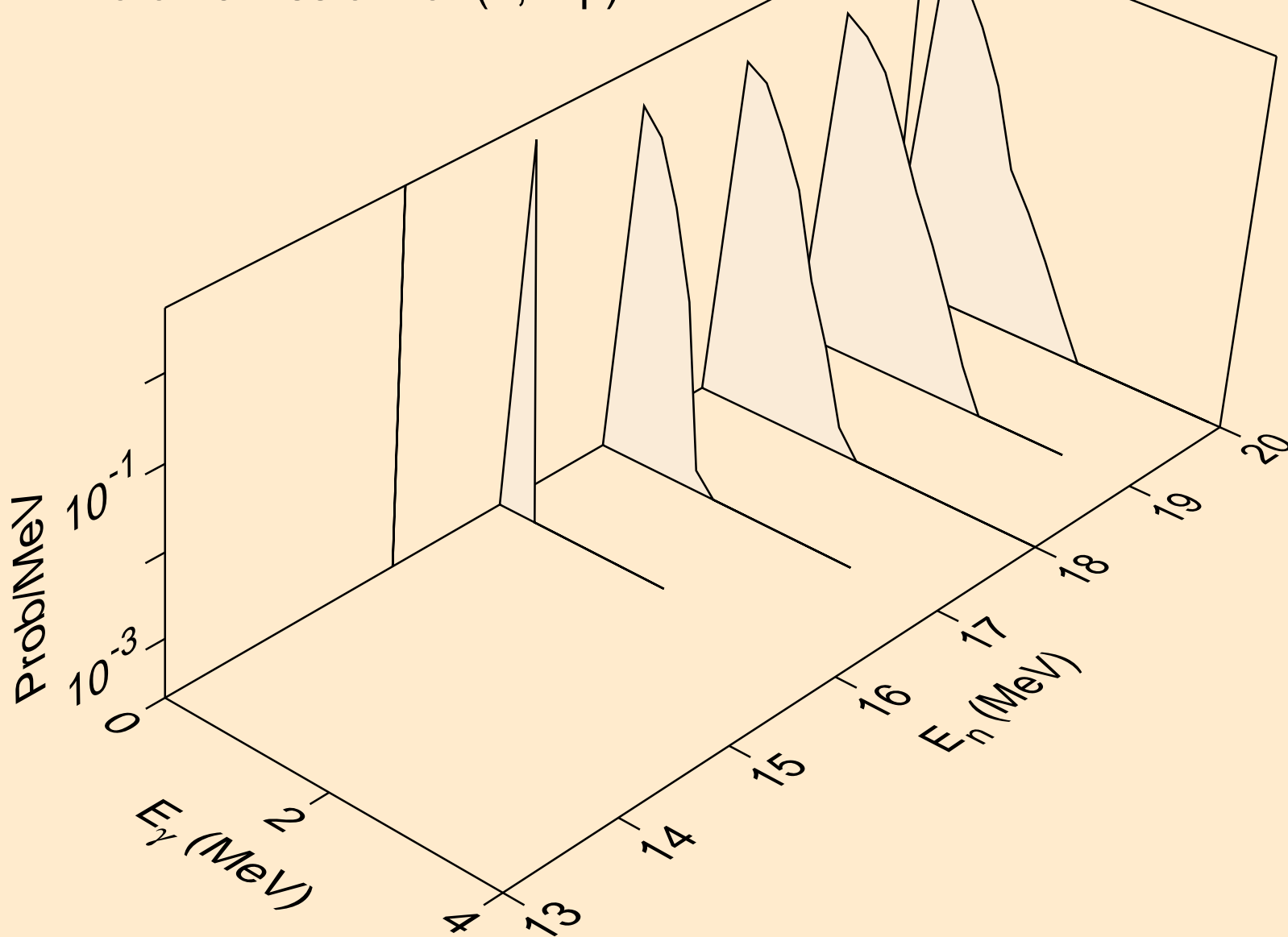
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,2n)a



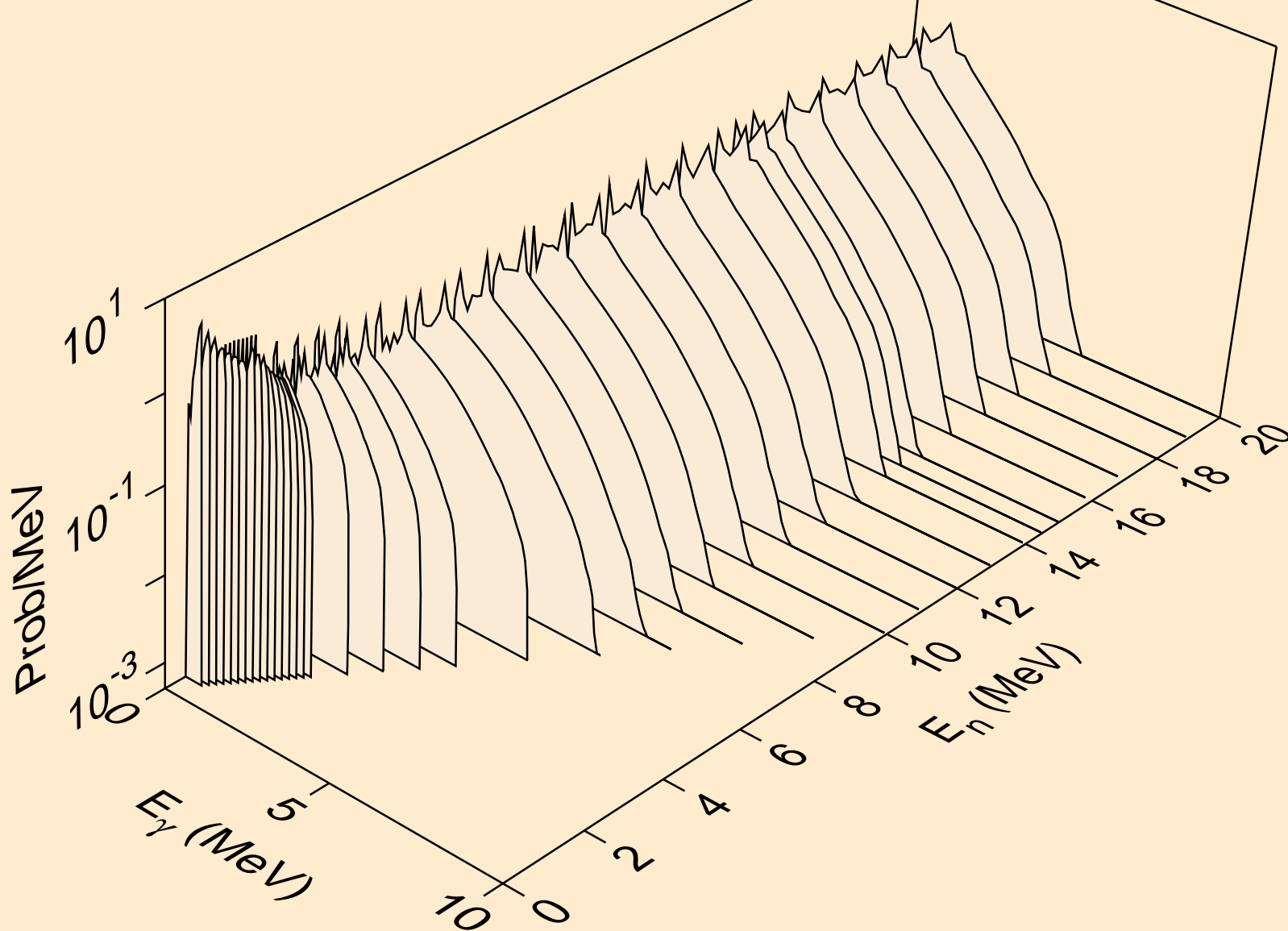
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*)p



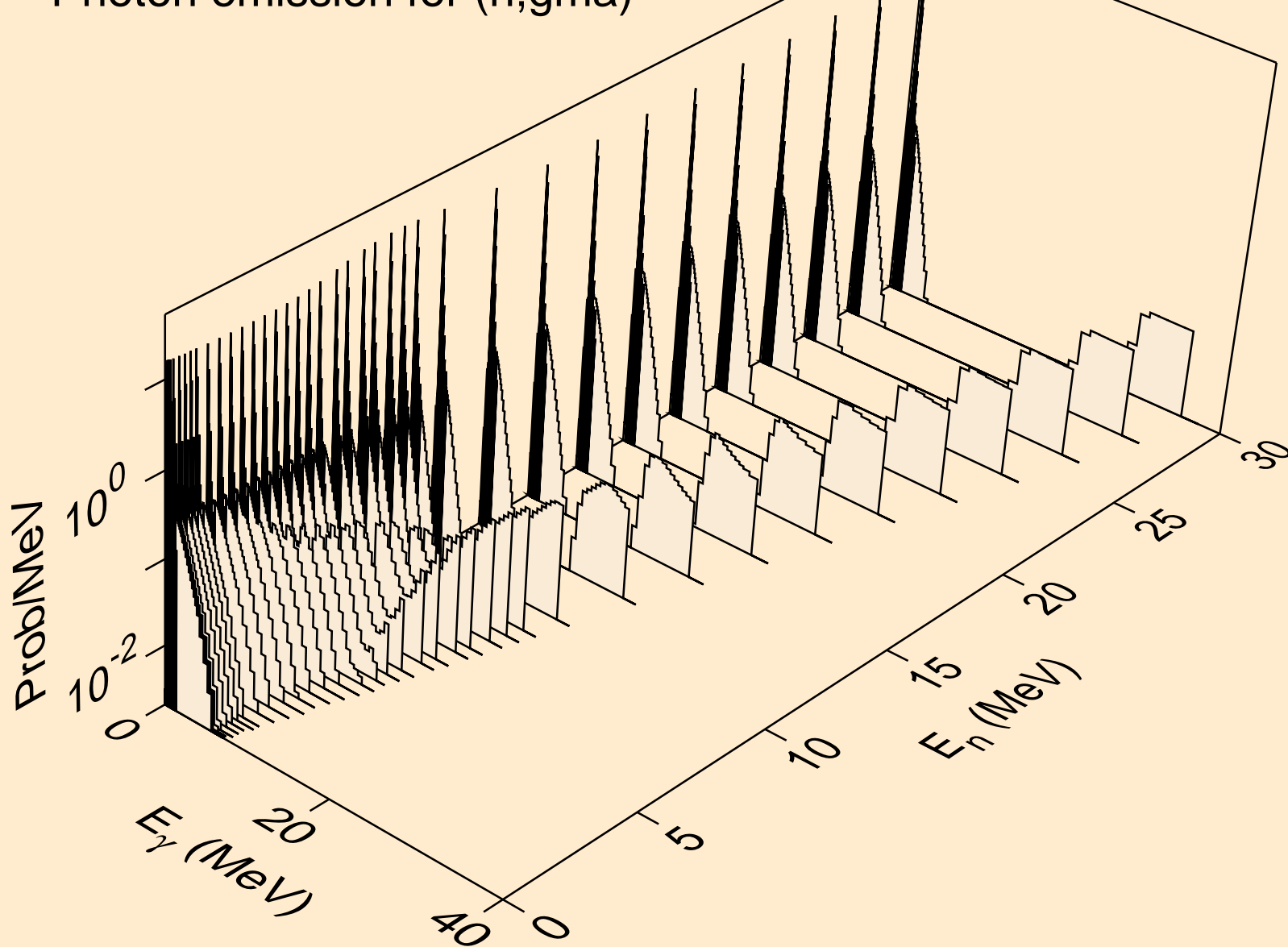
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,2np)



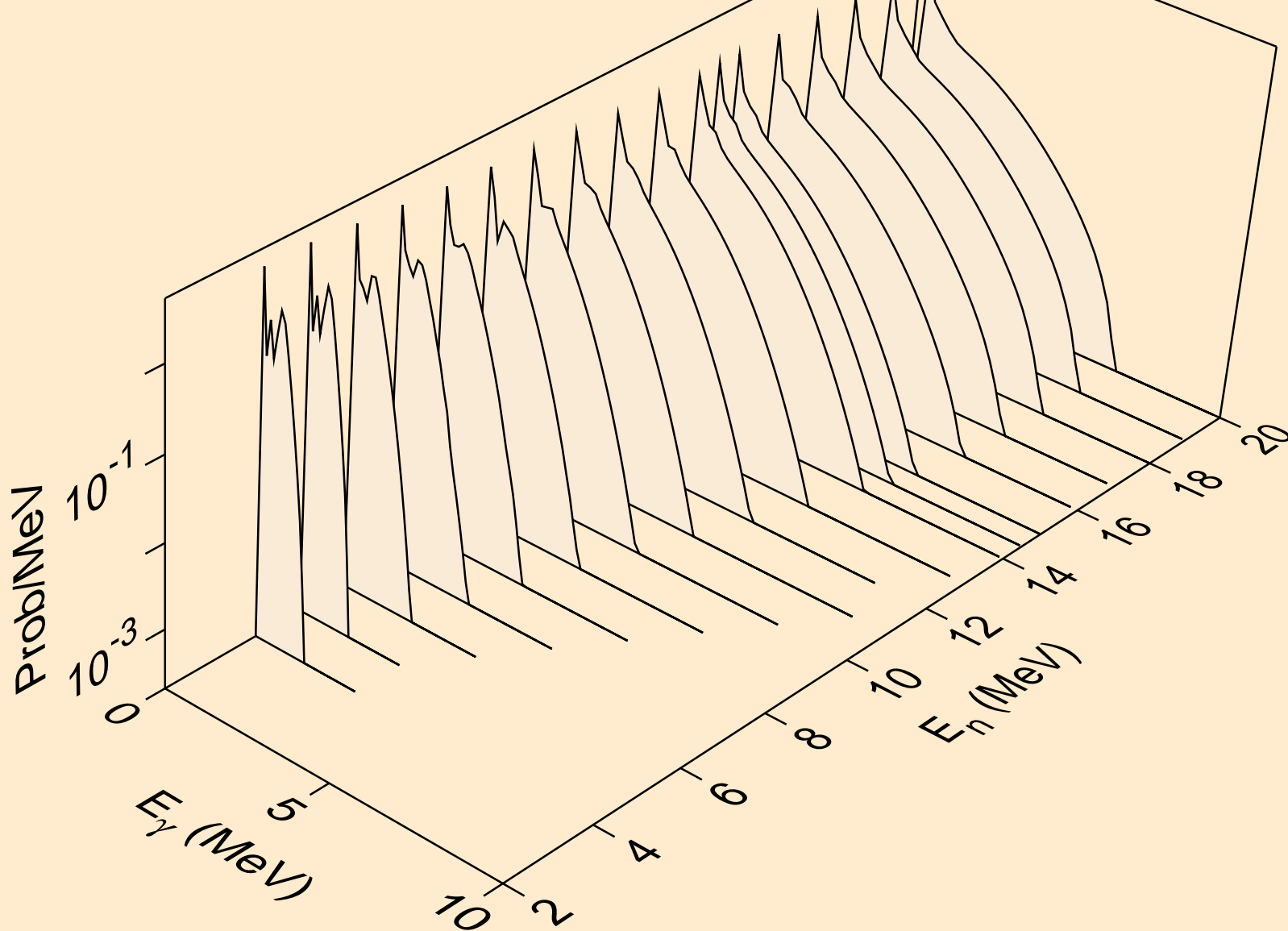
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,n\*c)



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
Photon emission for (n,gma)

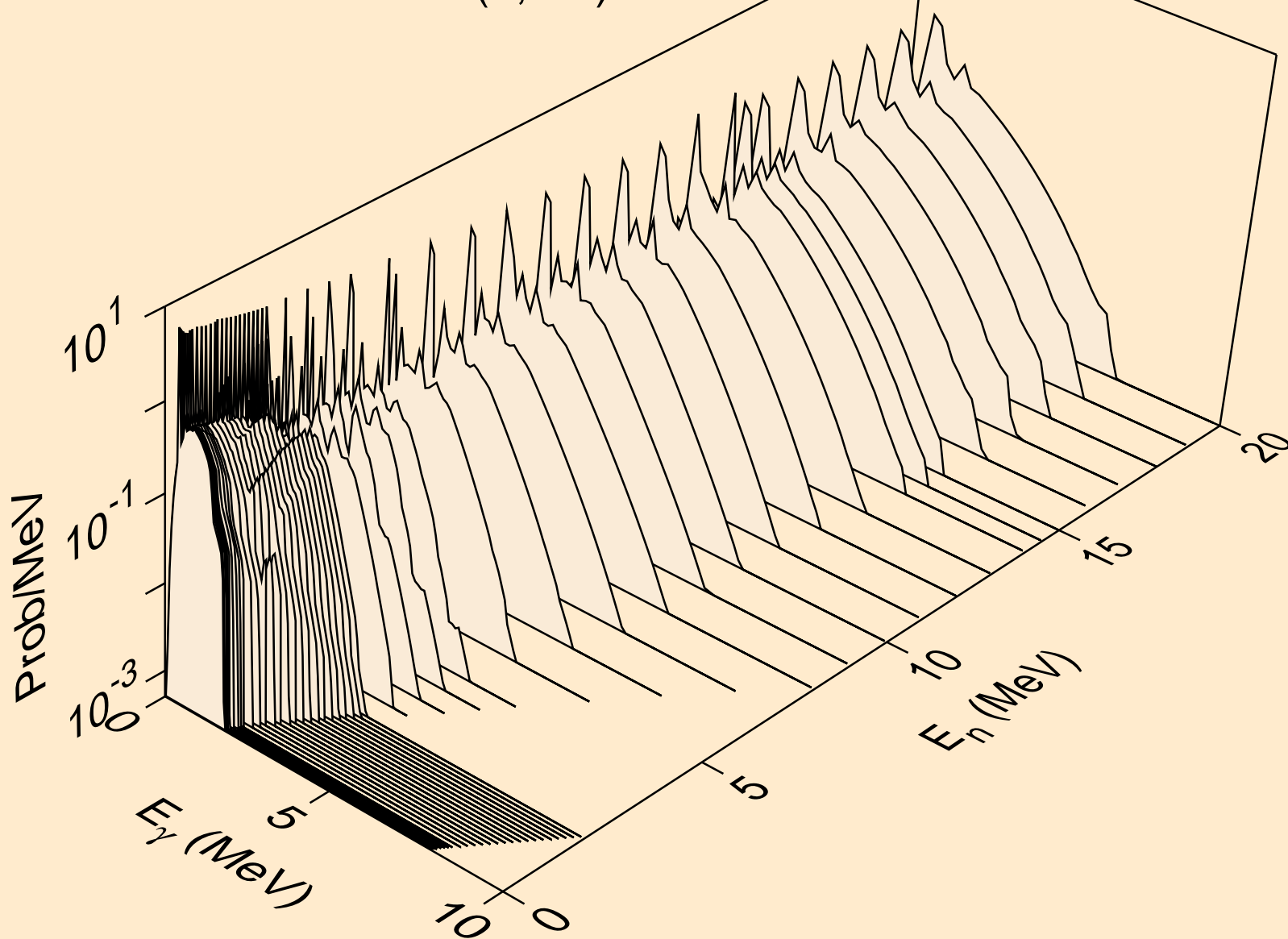


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Photon emission for (n,p\*c)

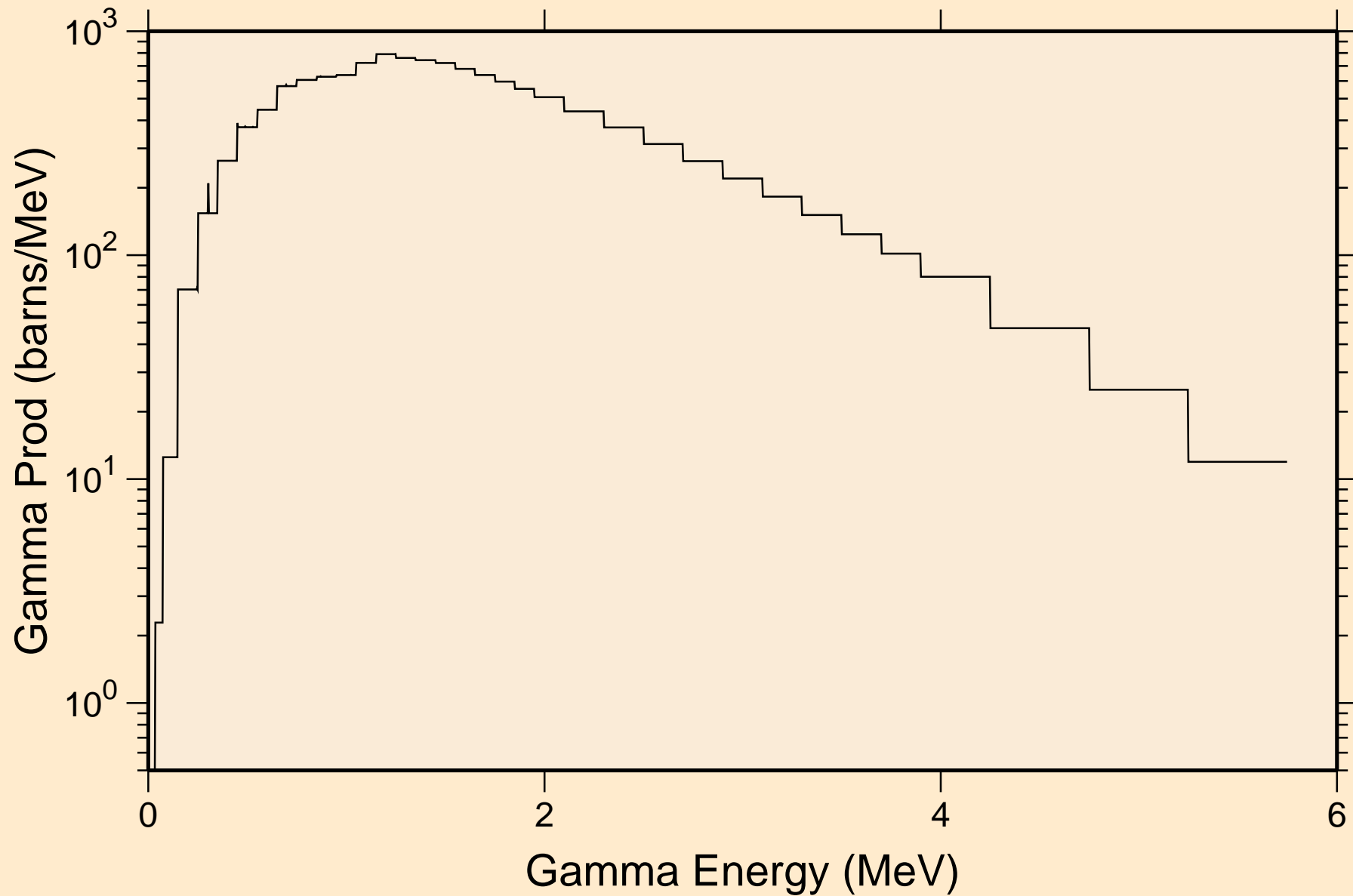




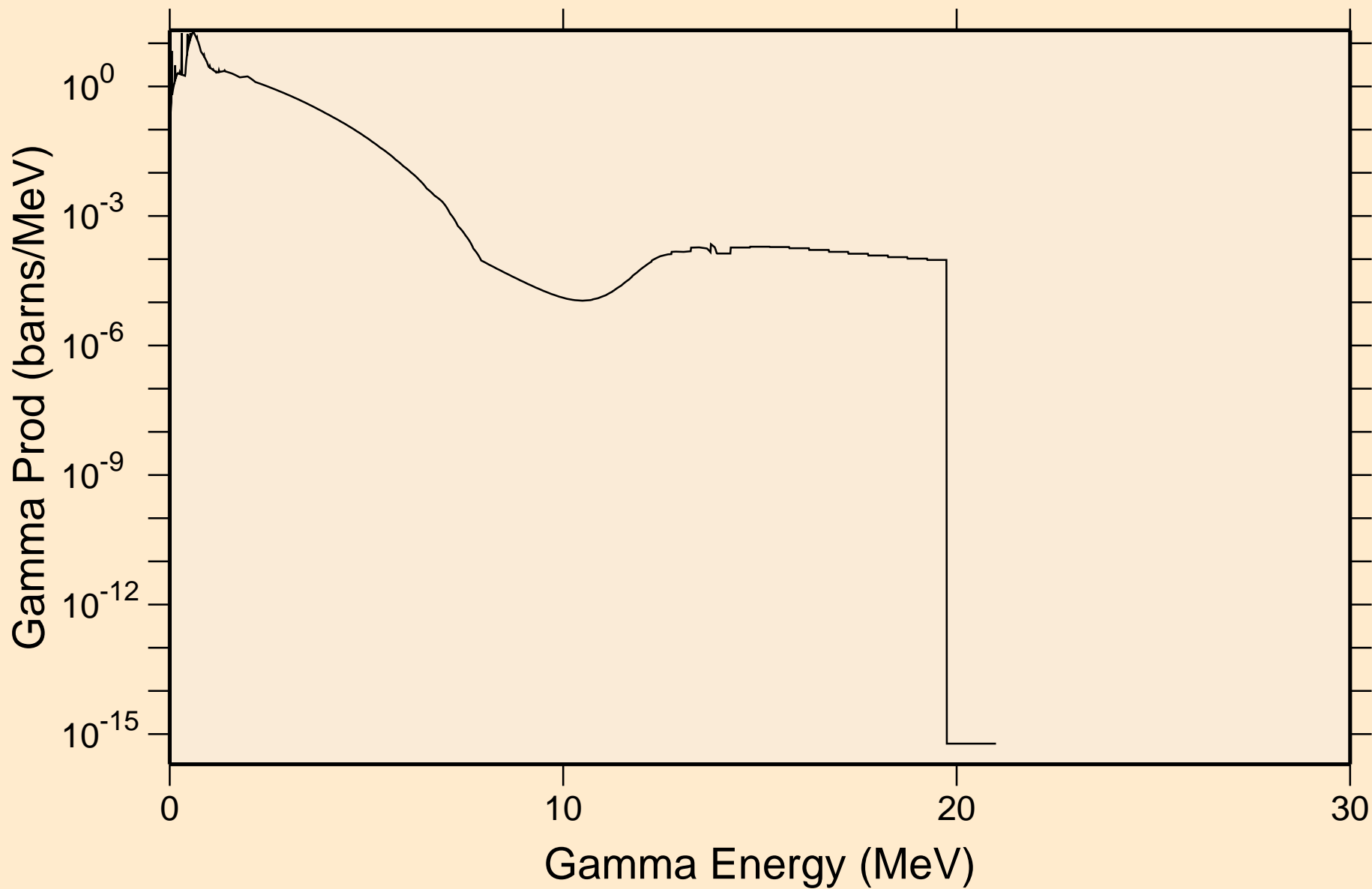
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Photon emission for (n,a\*c)



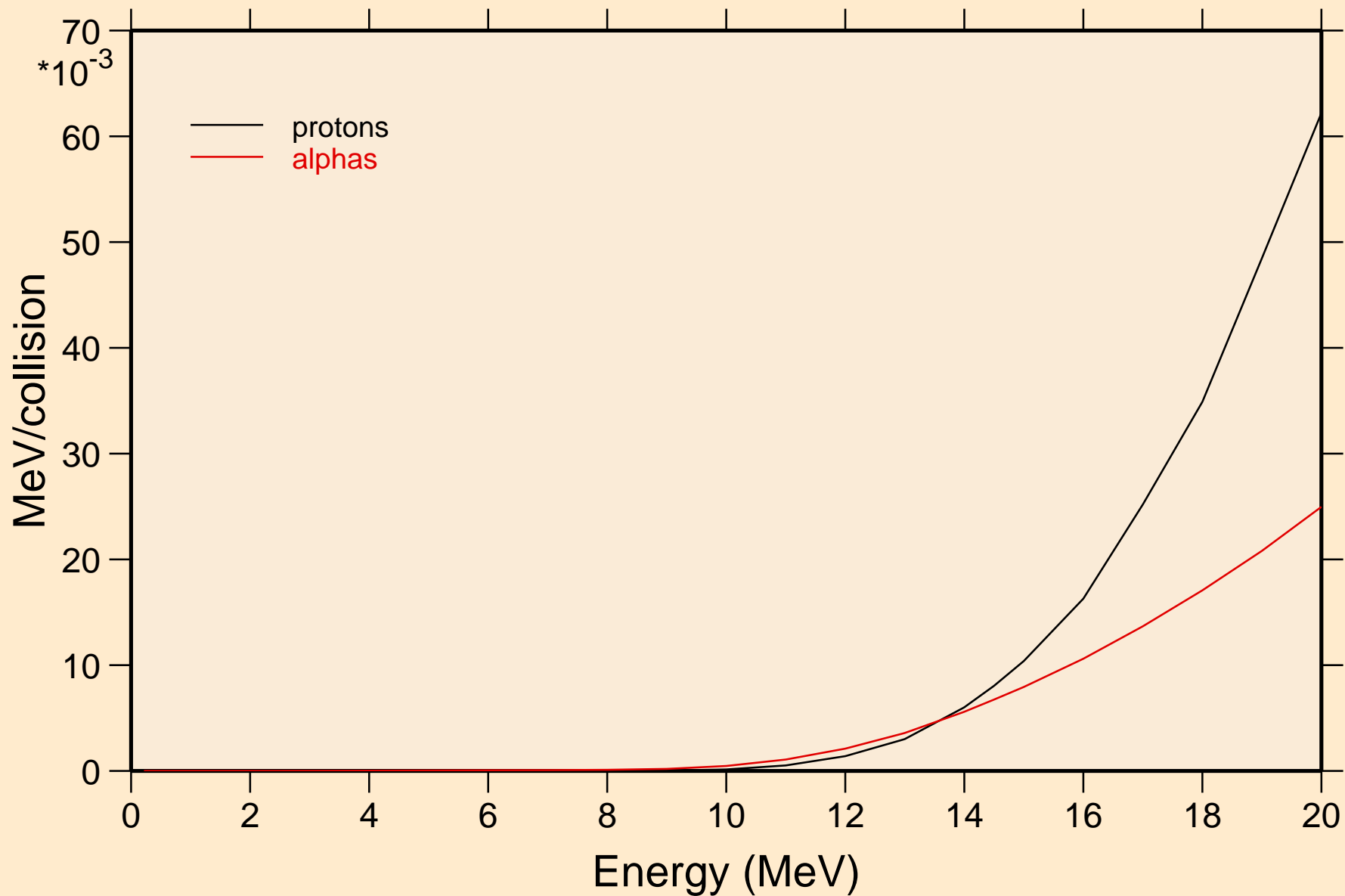
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thermal capture photon spectrum



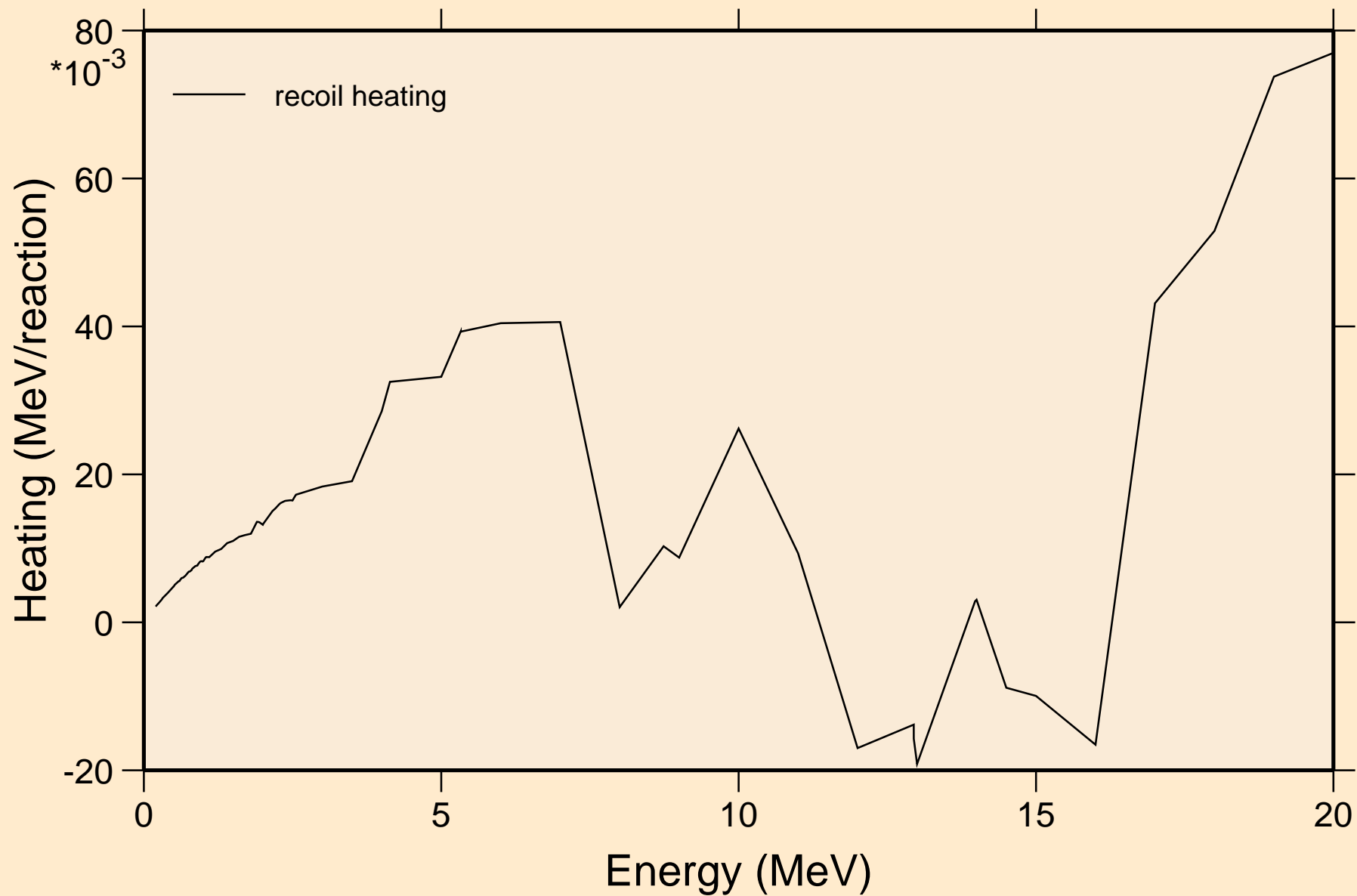
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14 MeV photon spectrum



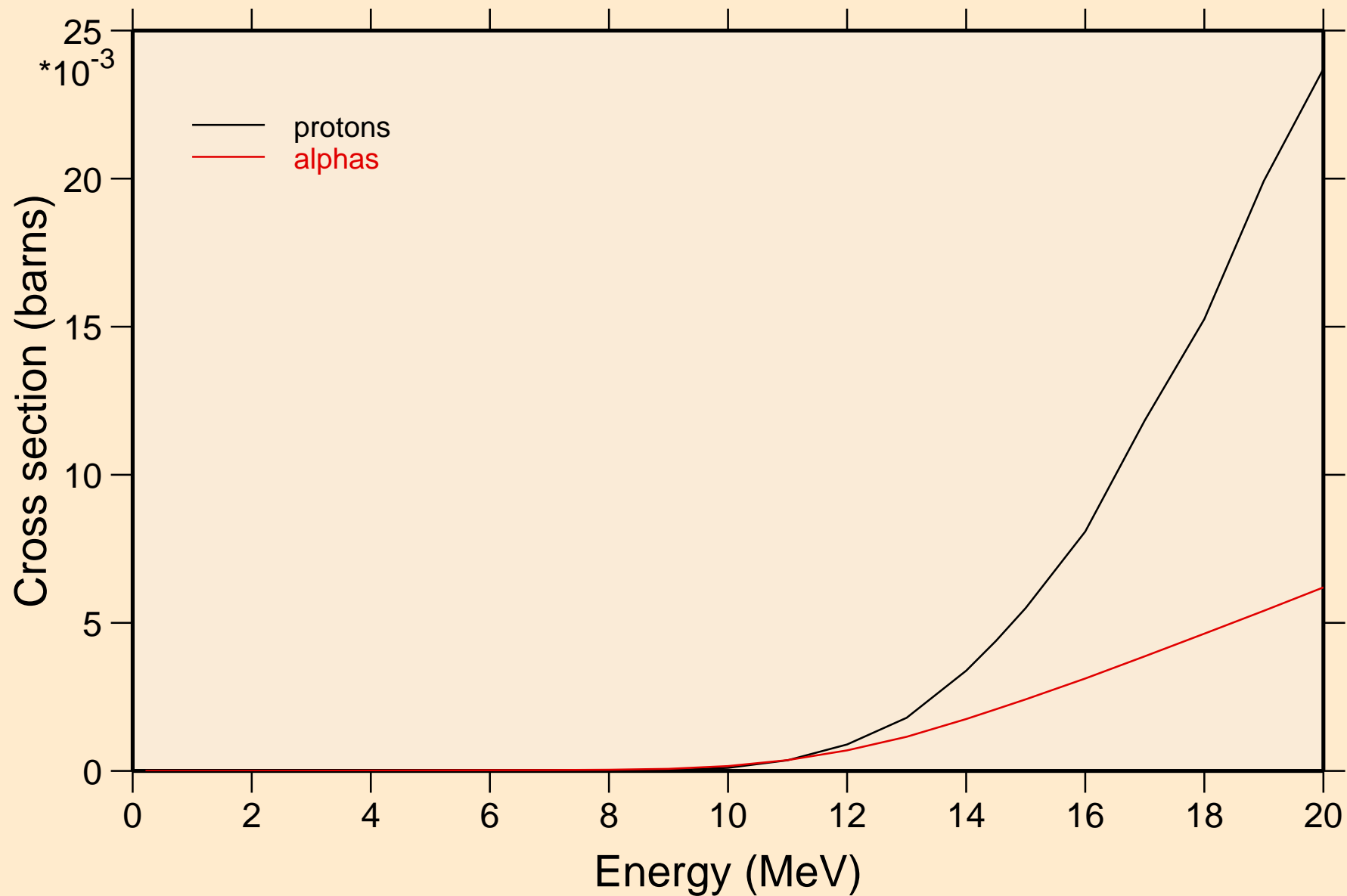
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Particle heating contributions



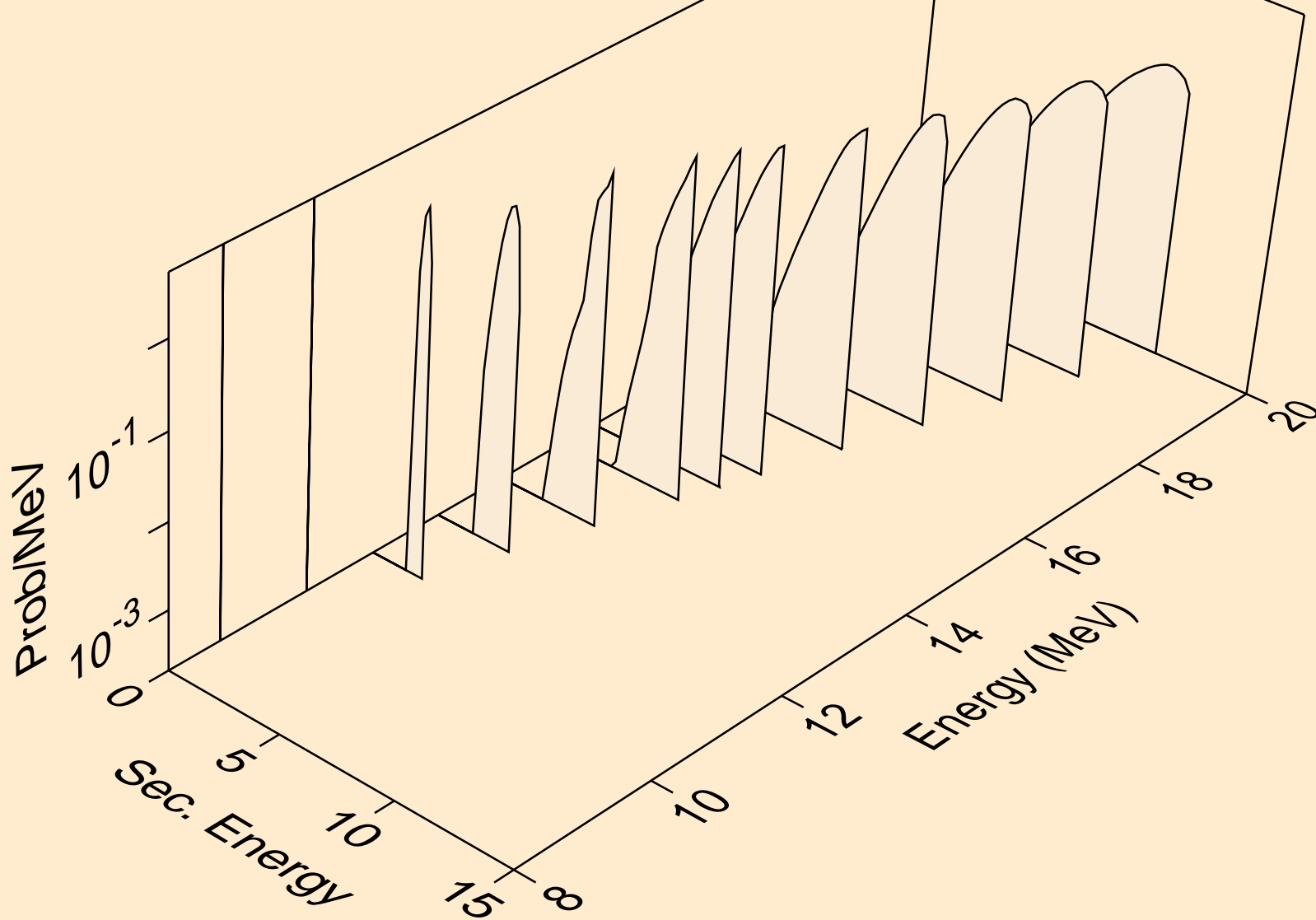
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Recoil Heating



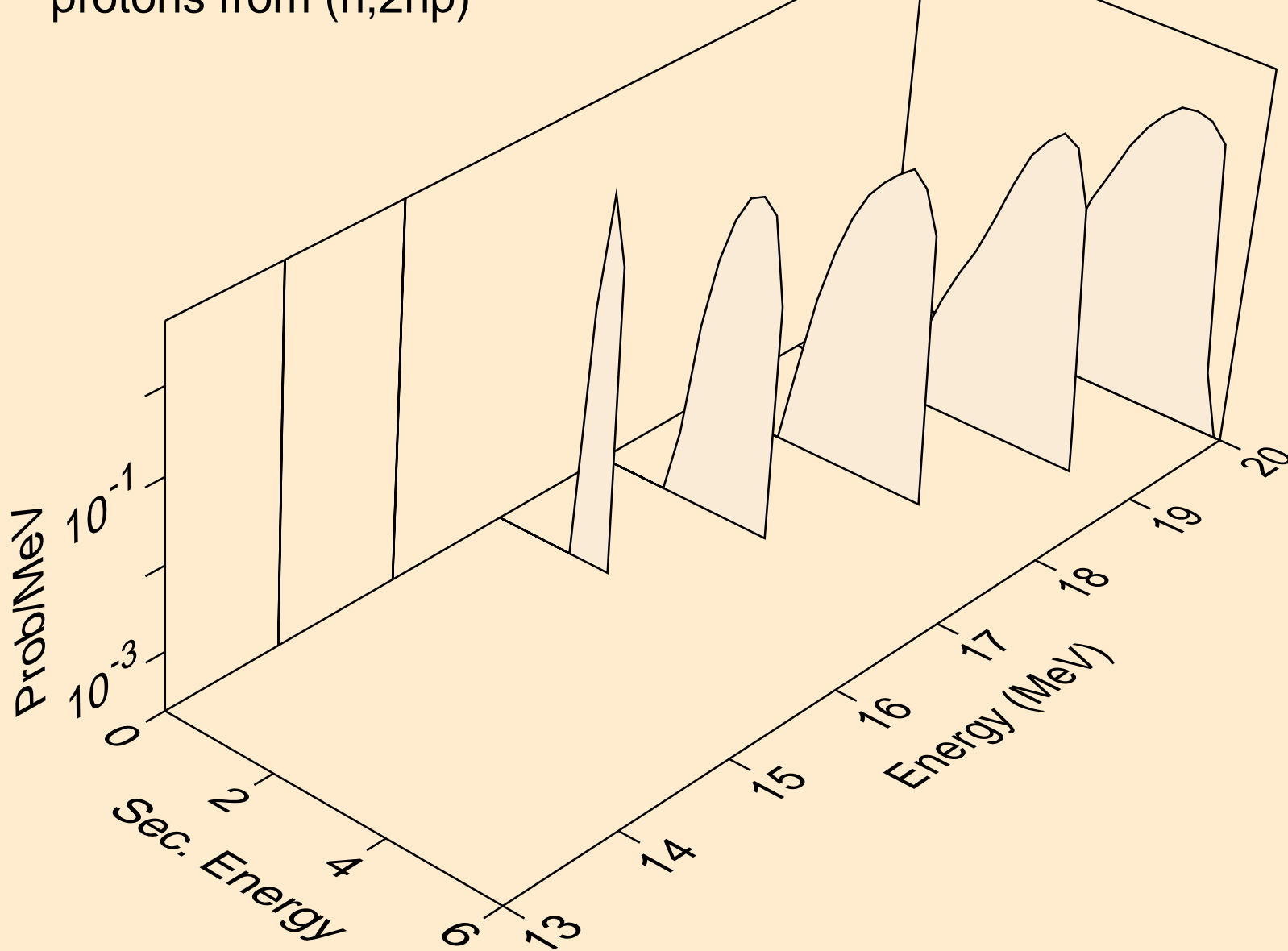
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Particle production cross sections



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
protons from (n,n\*)p

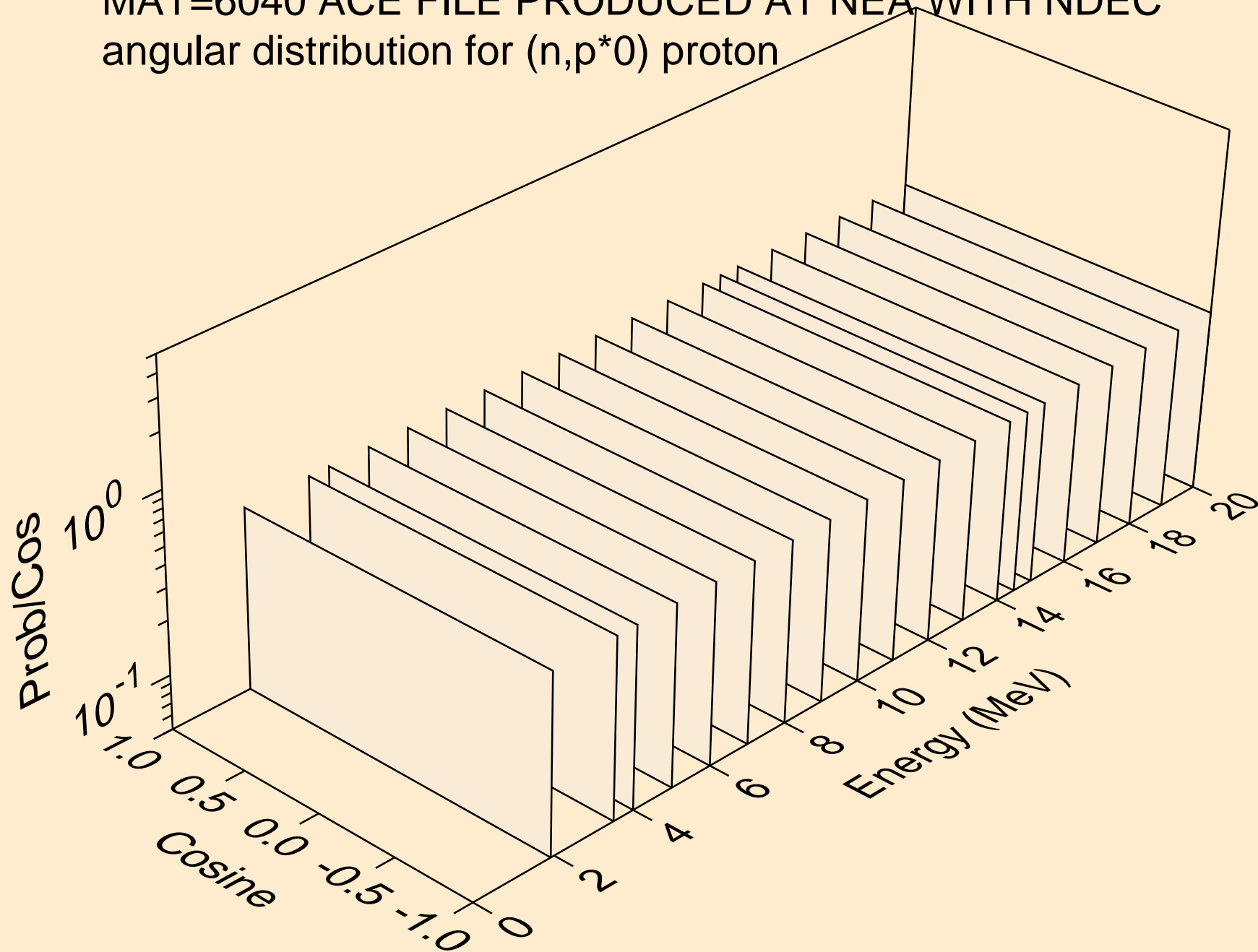


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protons from (n,2np)

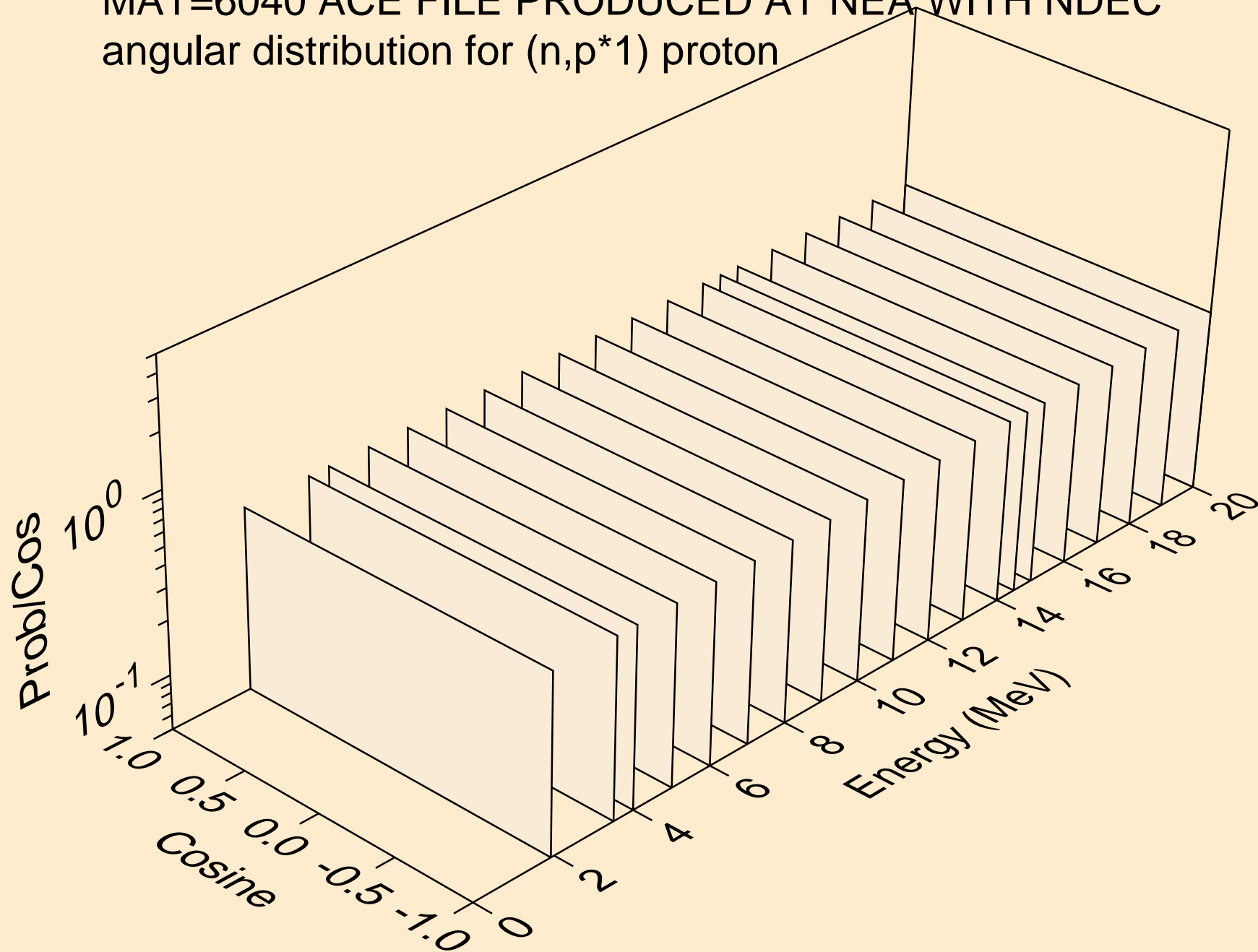




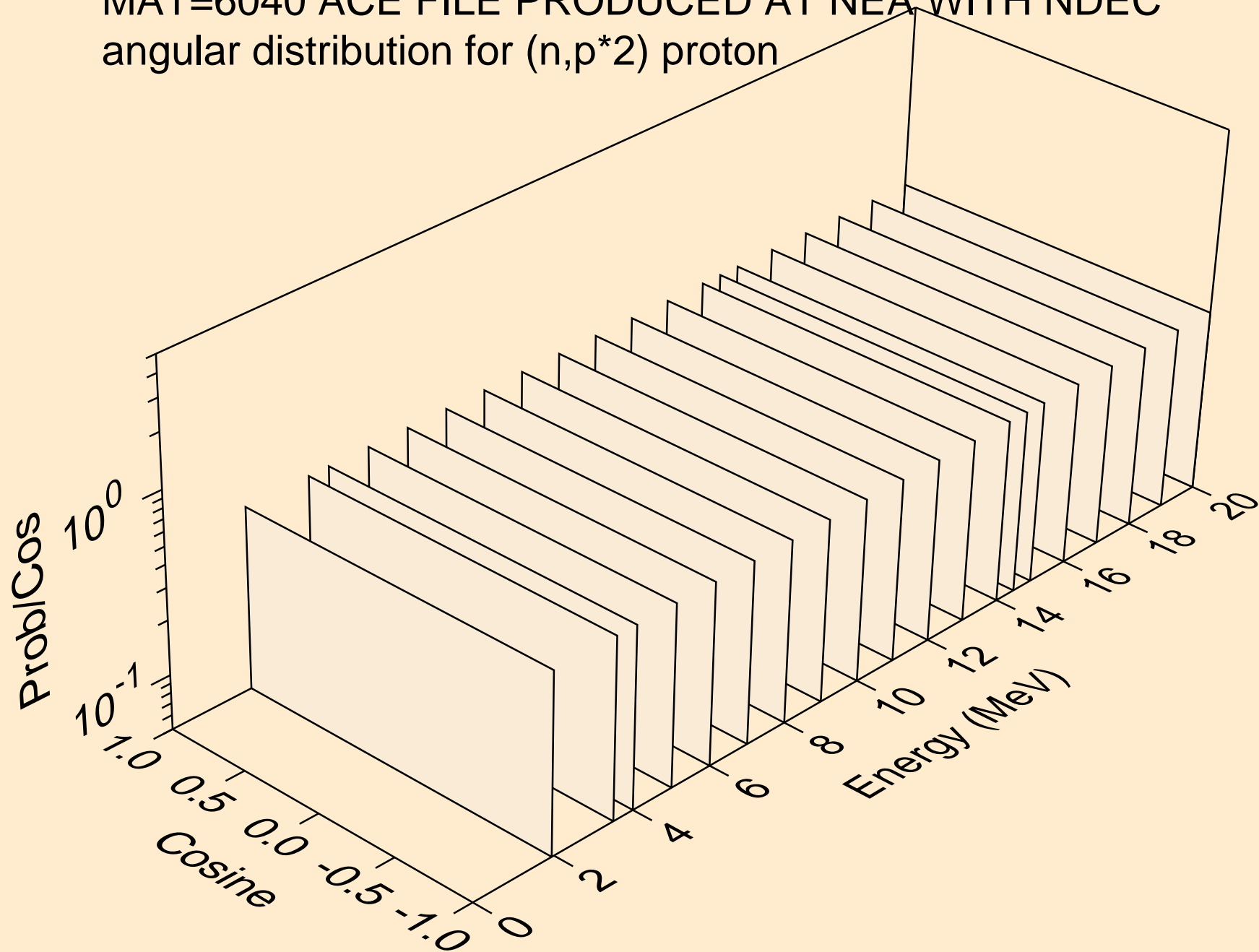
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angular distribution for (n,p\*0) proton



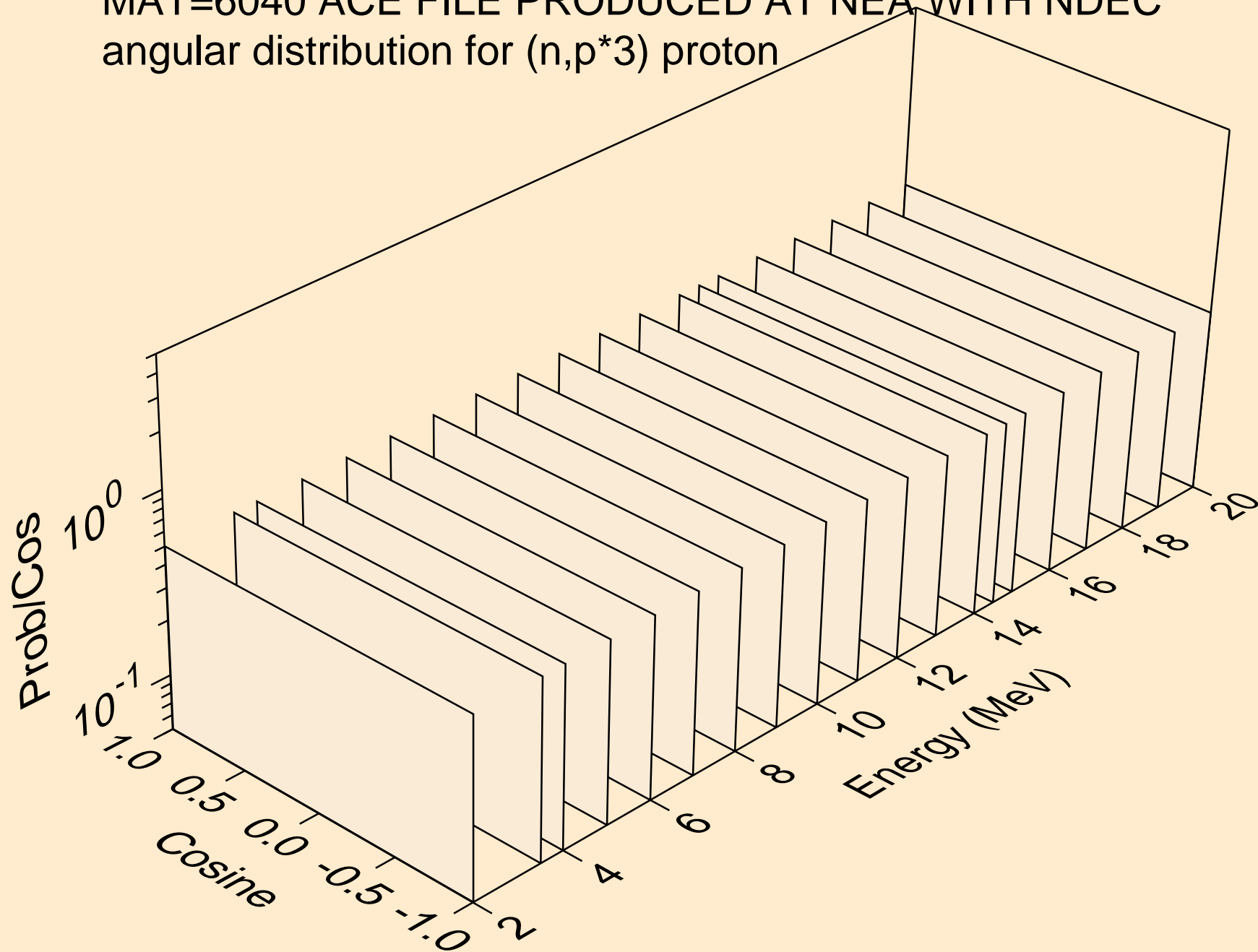
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angular distribution for (n,p\*1) proton



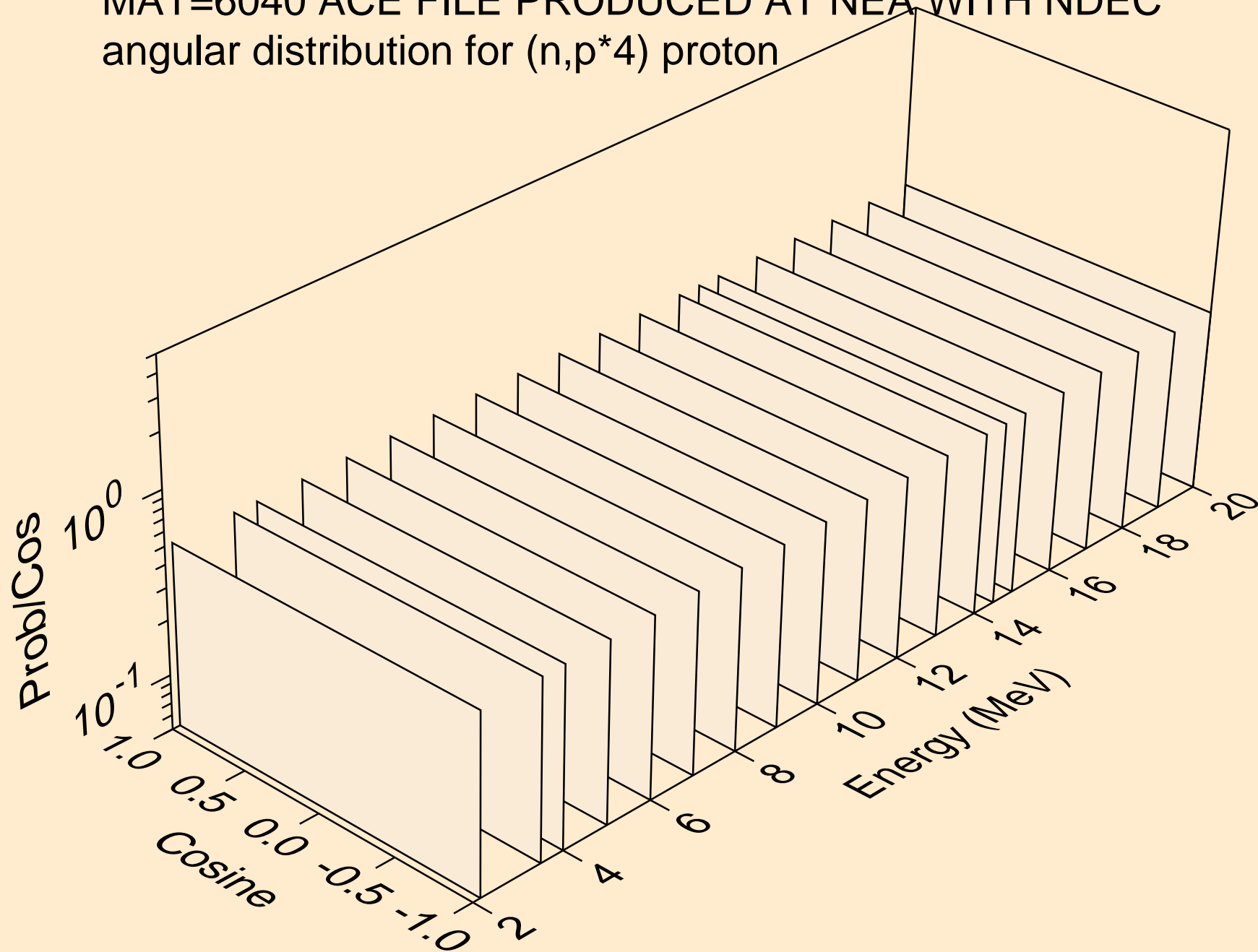
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angular distribution for (n,p\*2) proton



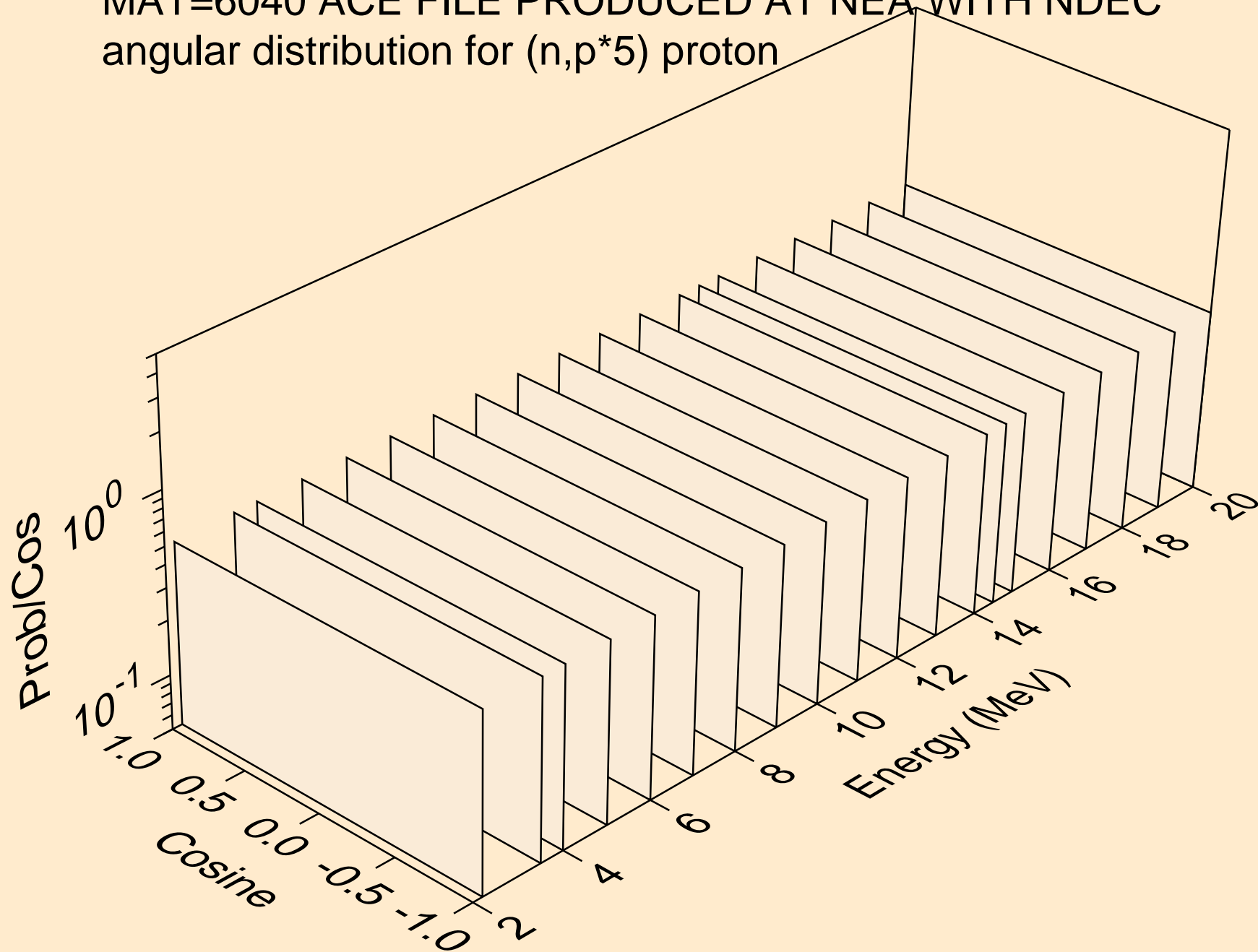
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angular distribution for (n,p\*3) proton



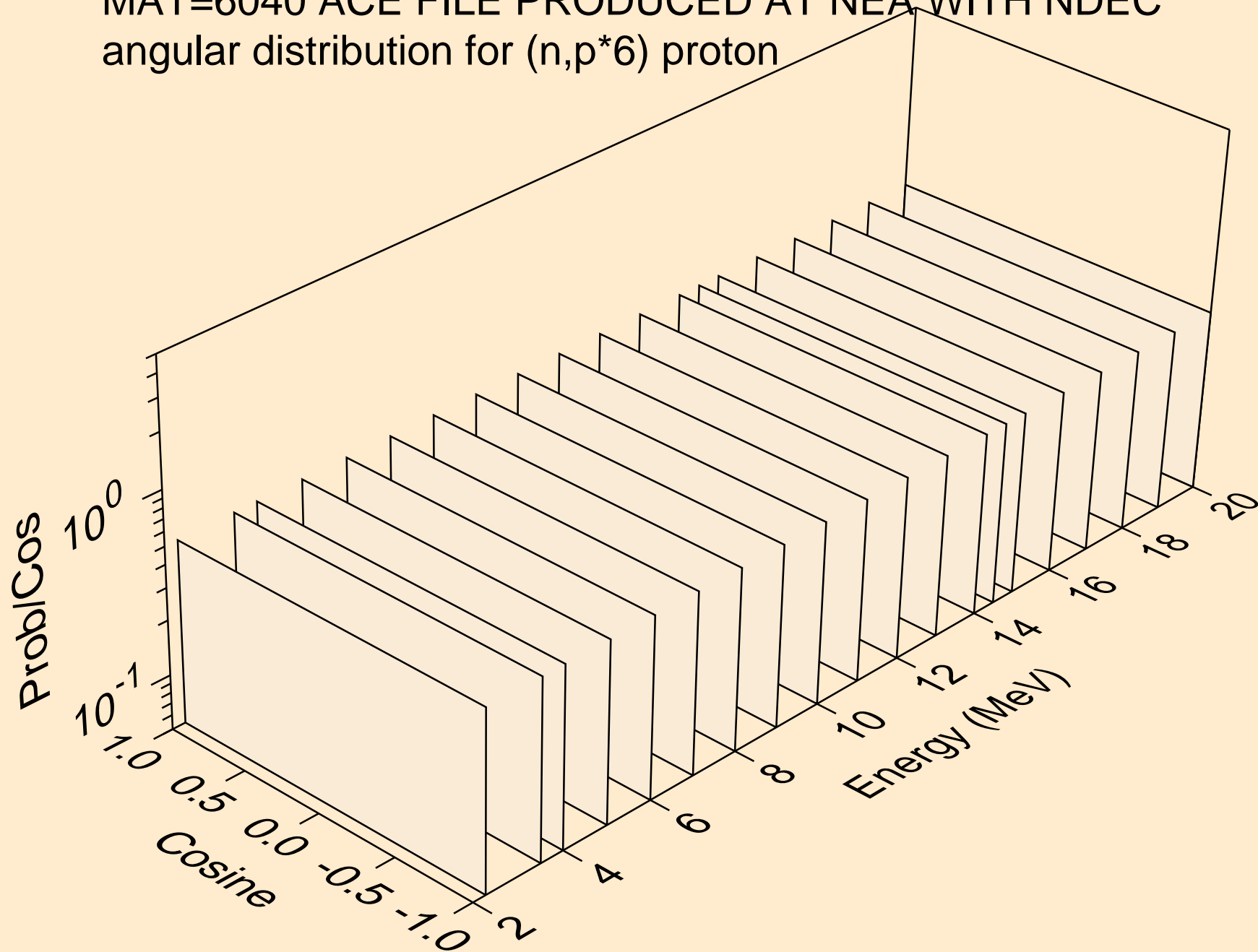
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angular distribution for (n,p\*4) proton



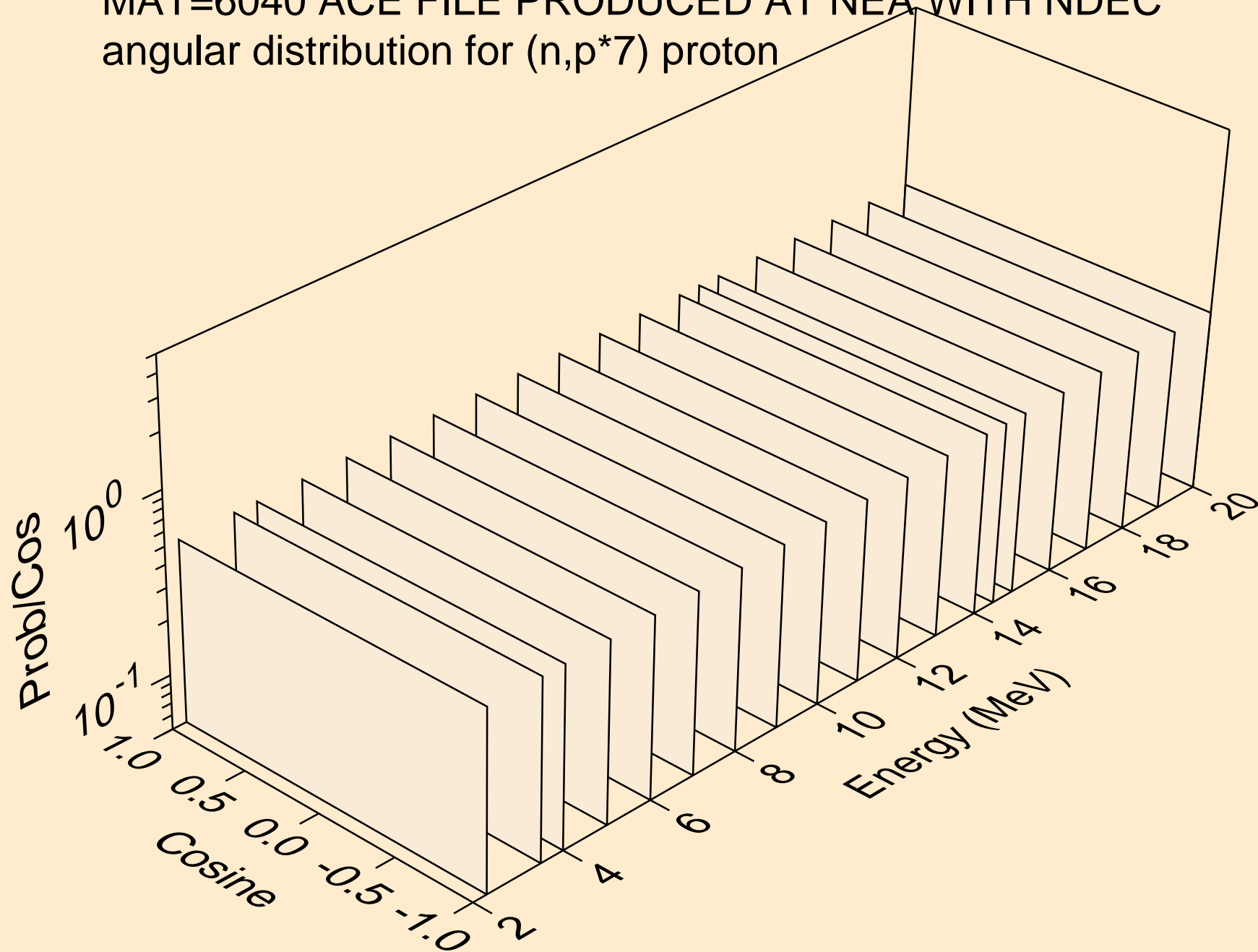
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angular distribution for (n,p\*5) proton



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,p\*6) proton

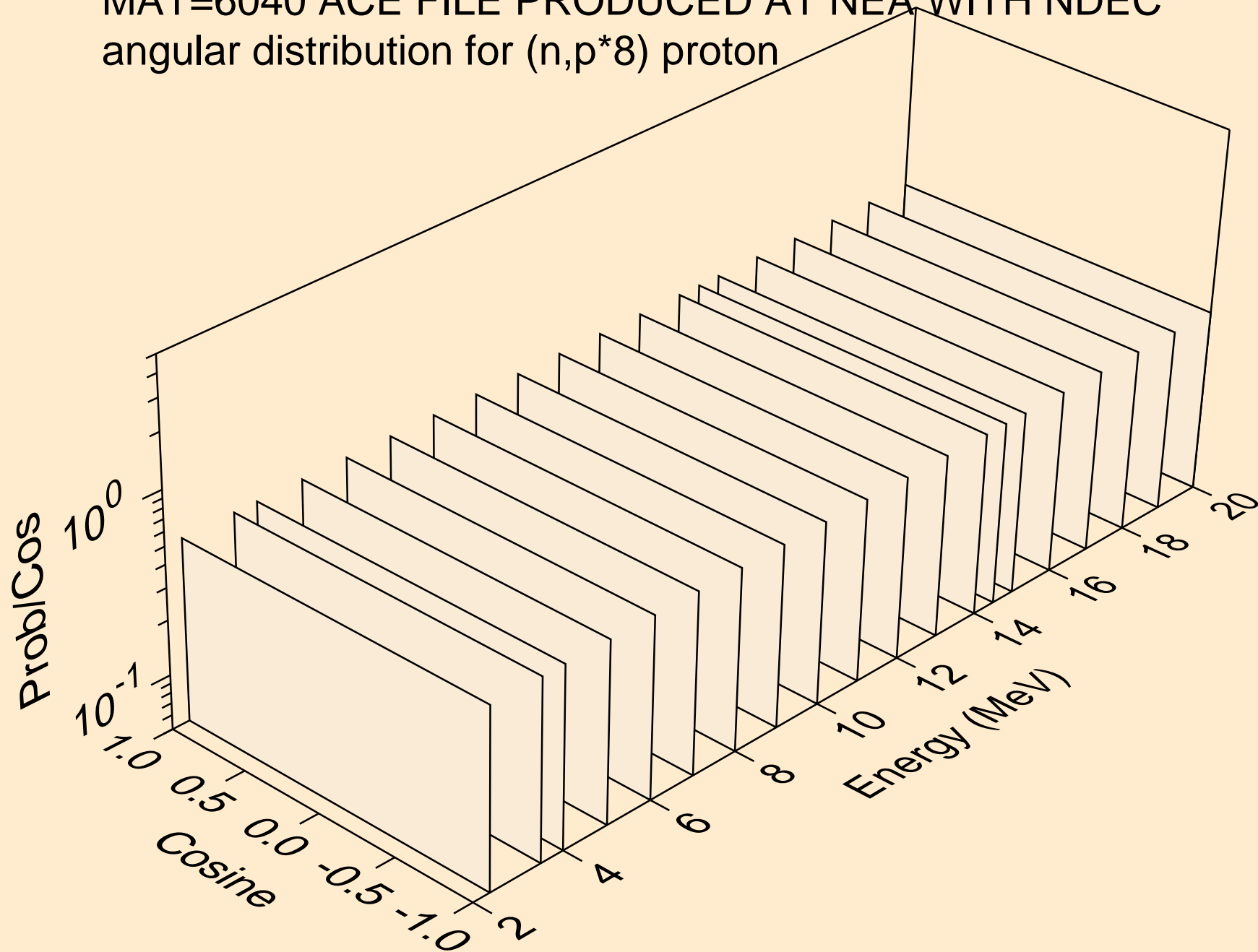


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angular distribution for (n,p\*7) proton

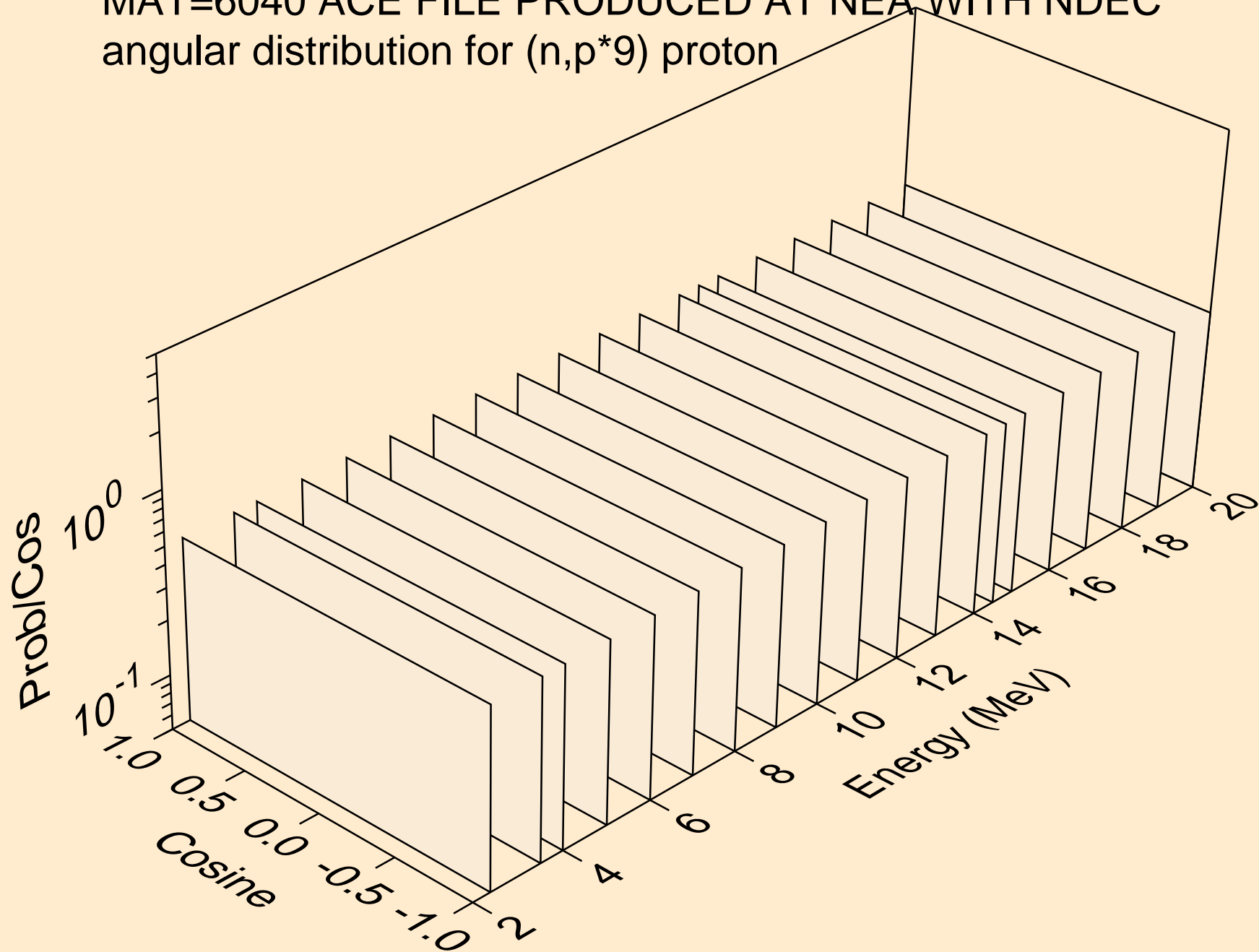




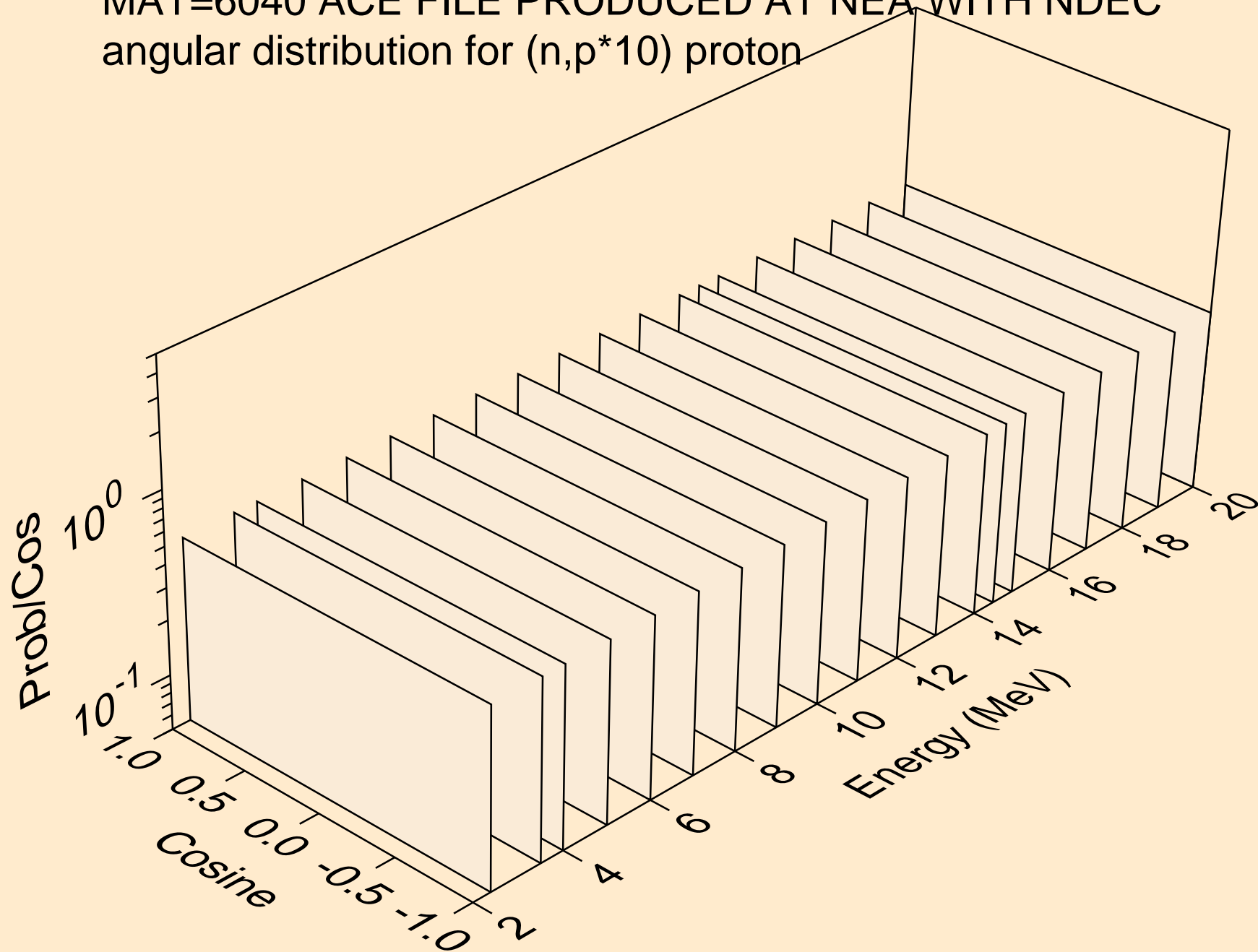
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angular distribution for (n,p\*8) proton



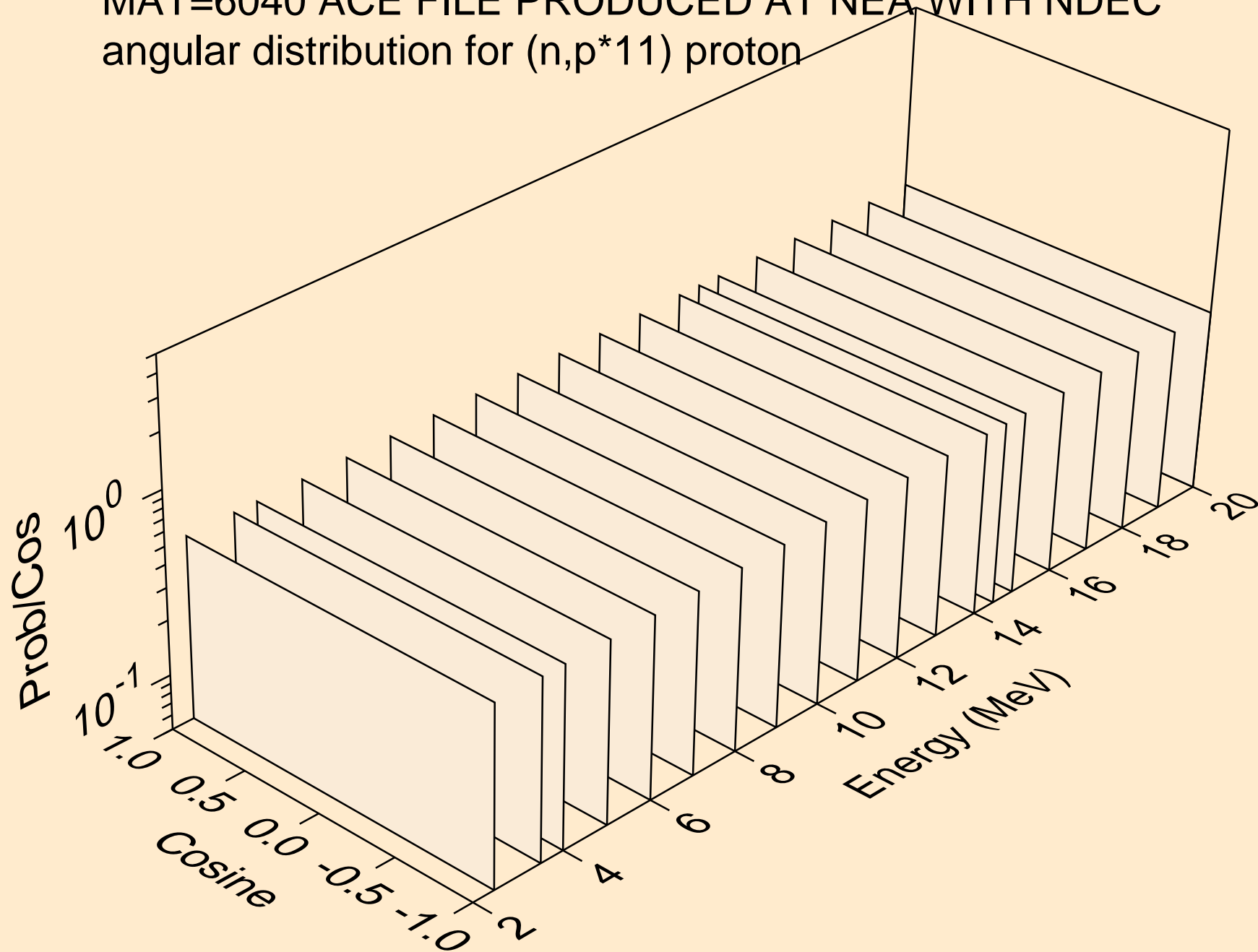
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angular distribution for (n,p\*9) proton



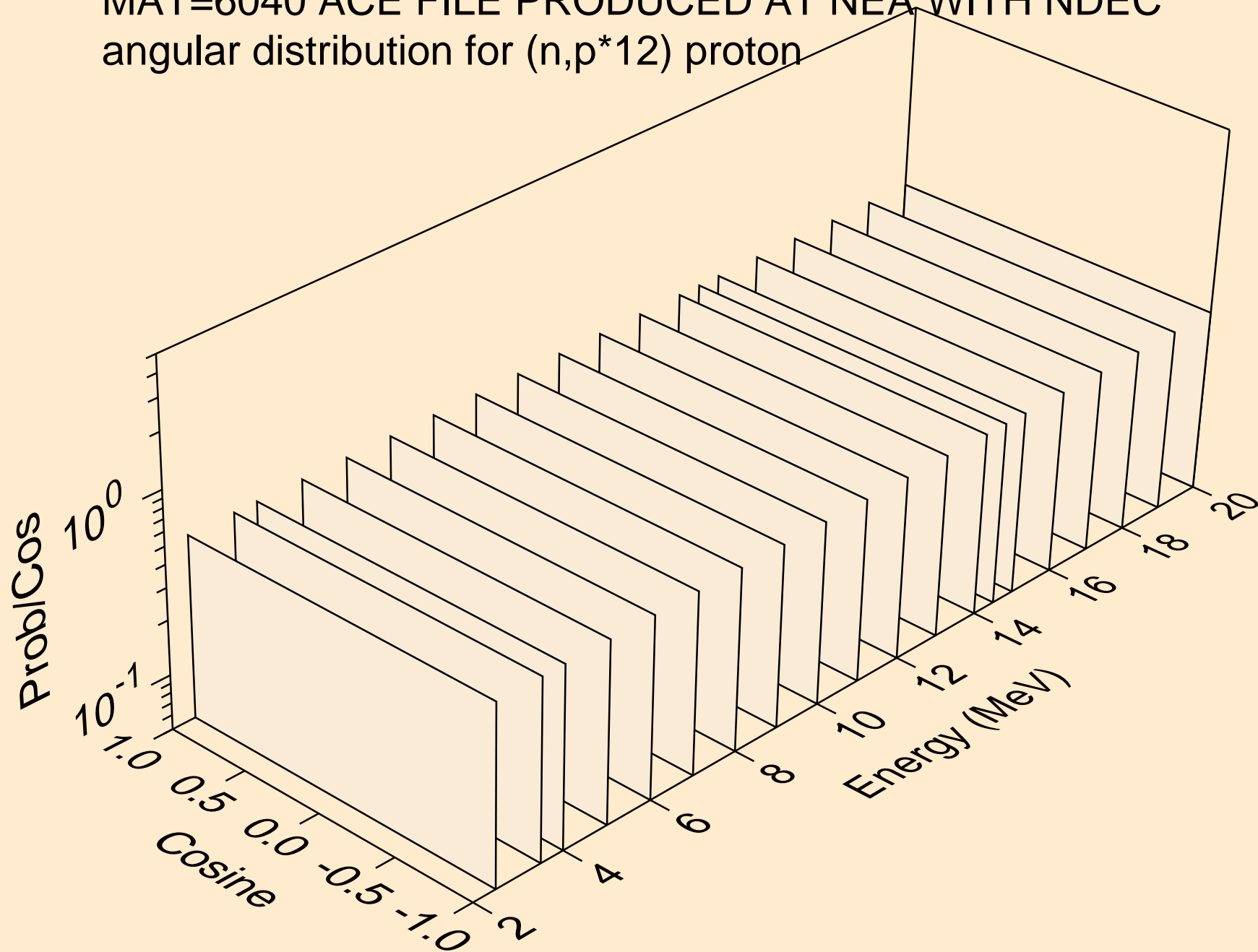
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angular distribution for (n,p\*10) proton



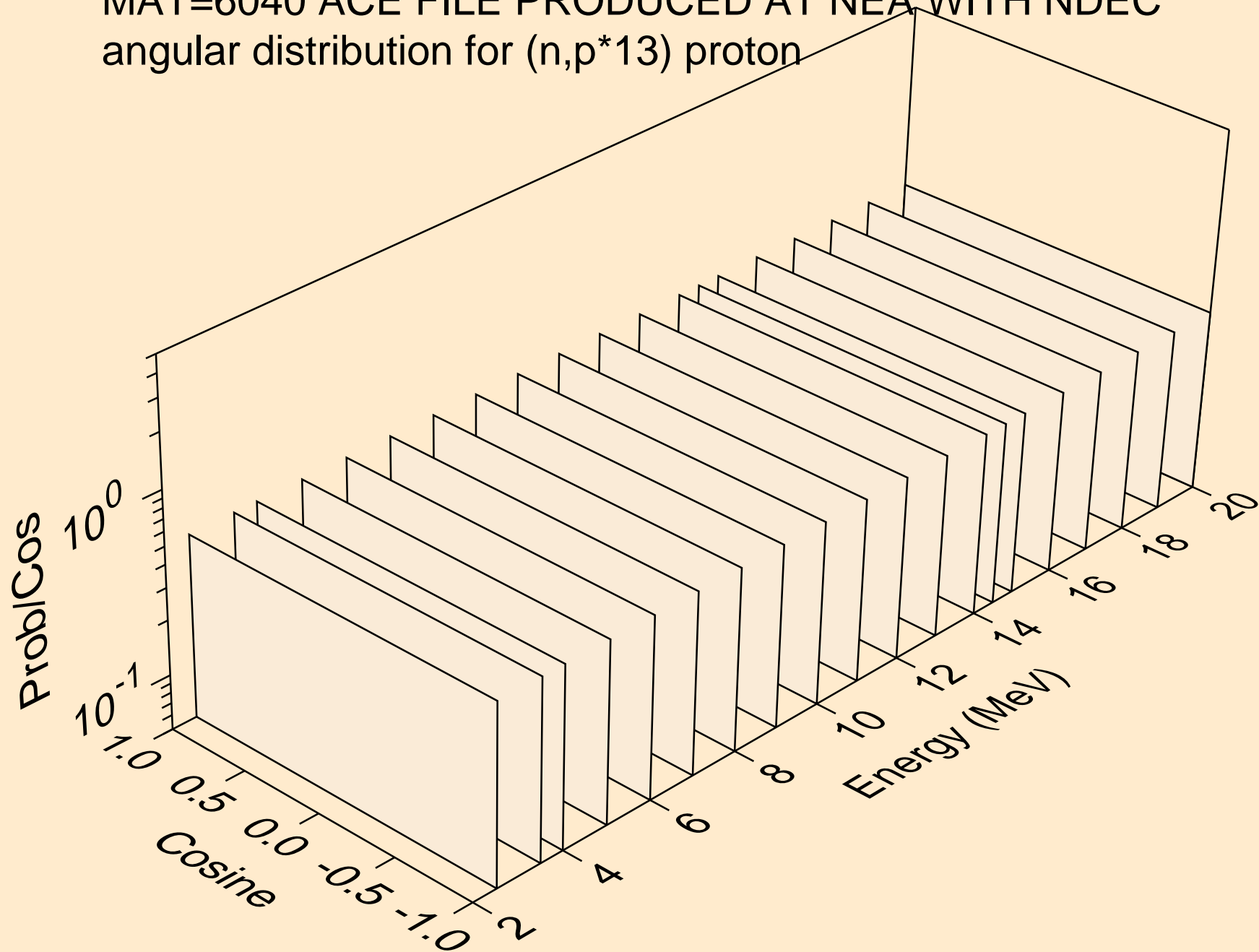
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angular distribution for (n,p\*11) proton



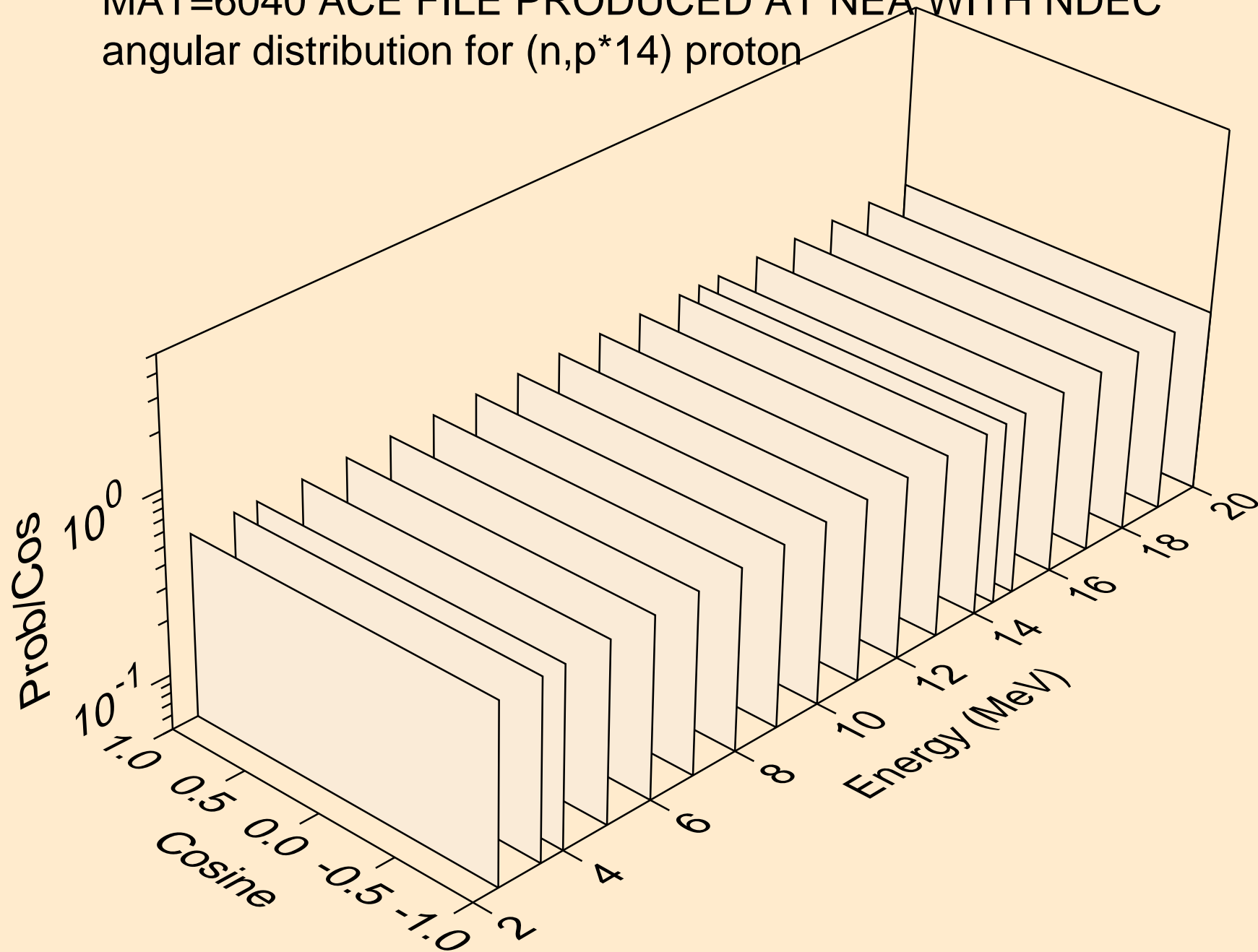
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angular distribution for (n,p\*12) proton



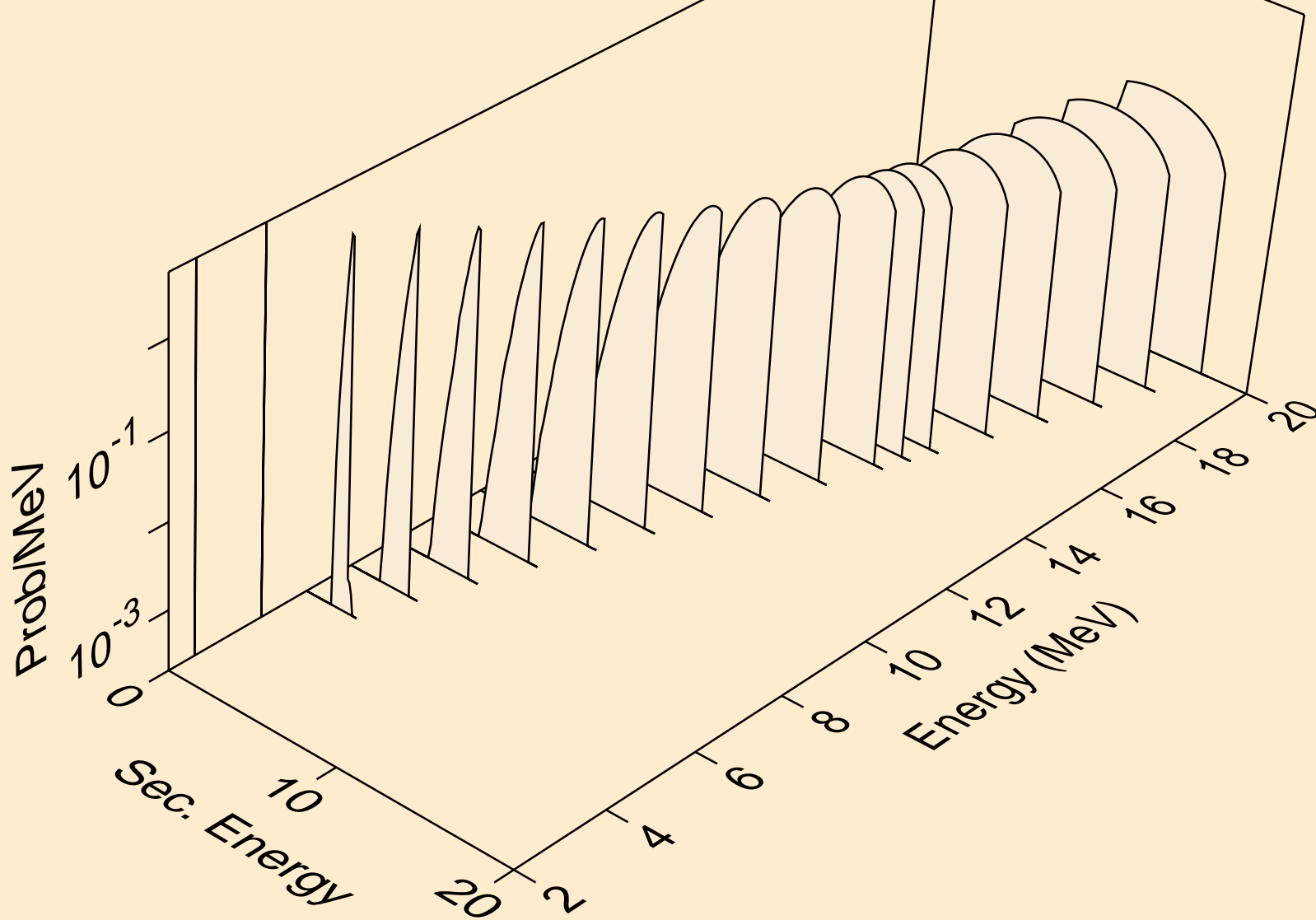
MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,p\*13) proton



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,p\*14) proton

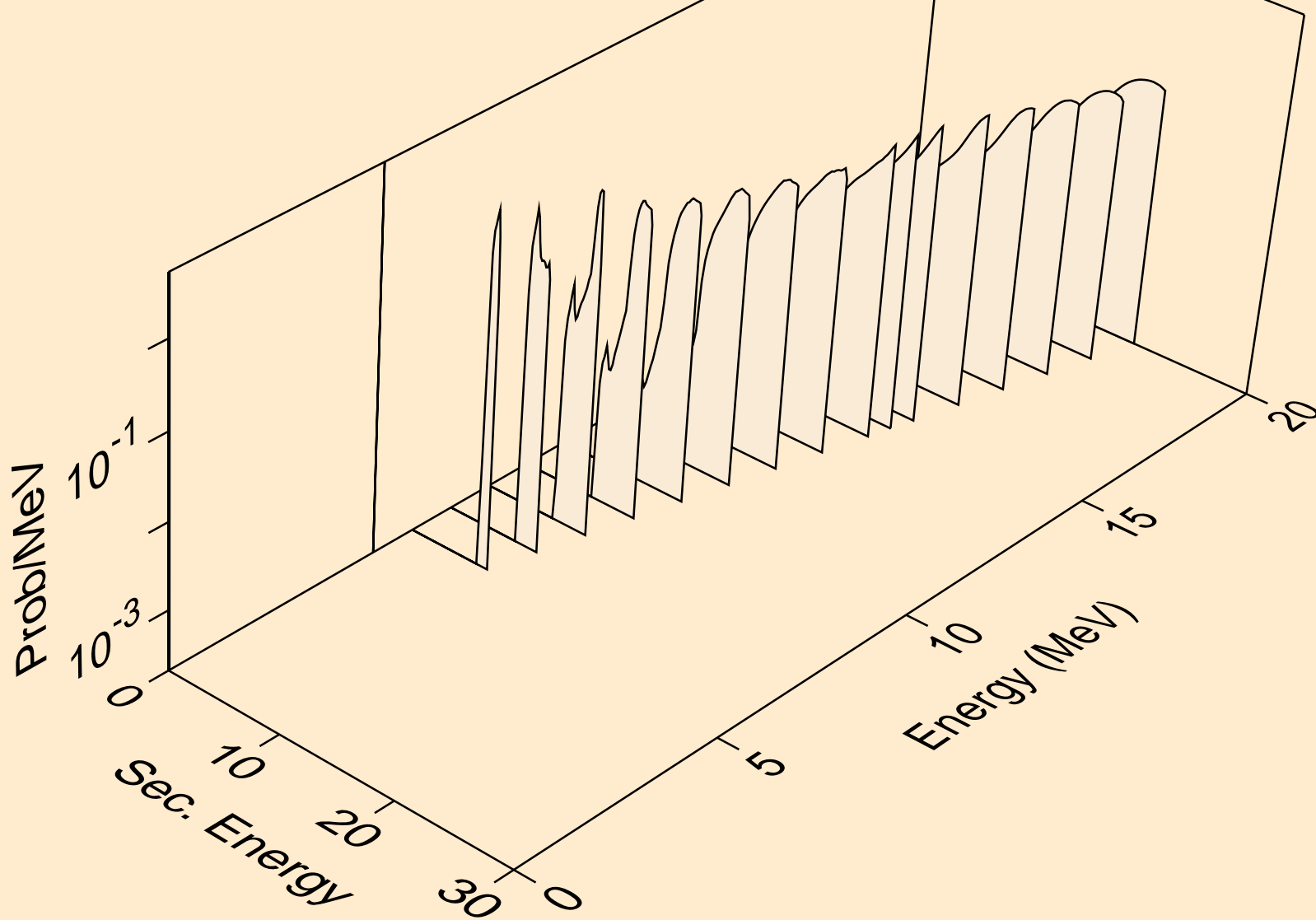


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protons from (n,p\*c)

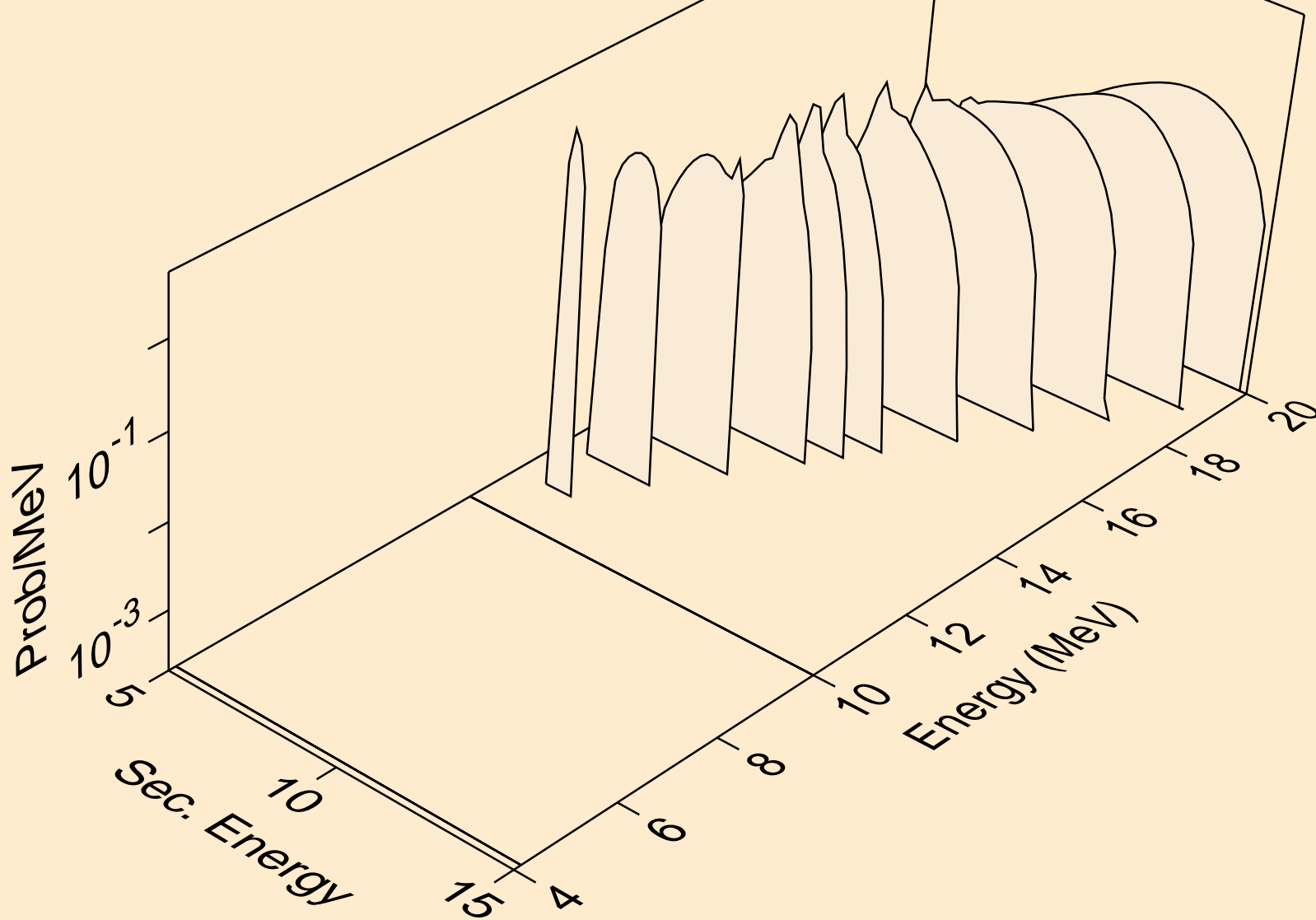




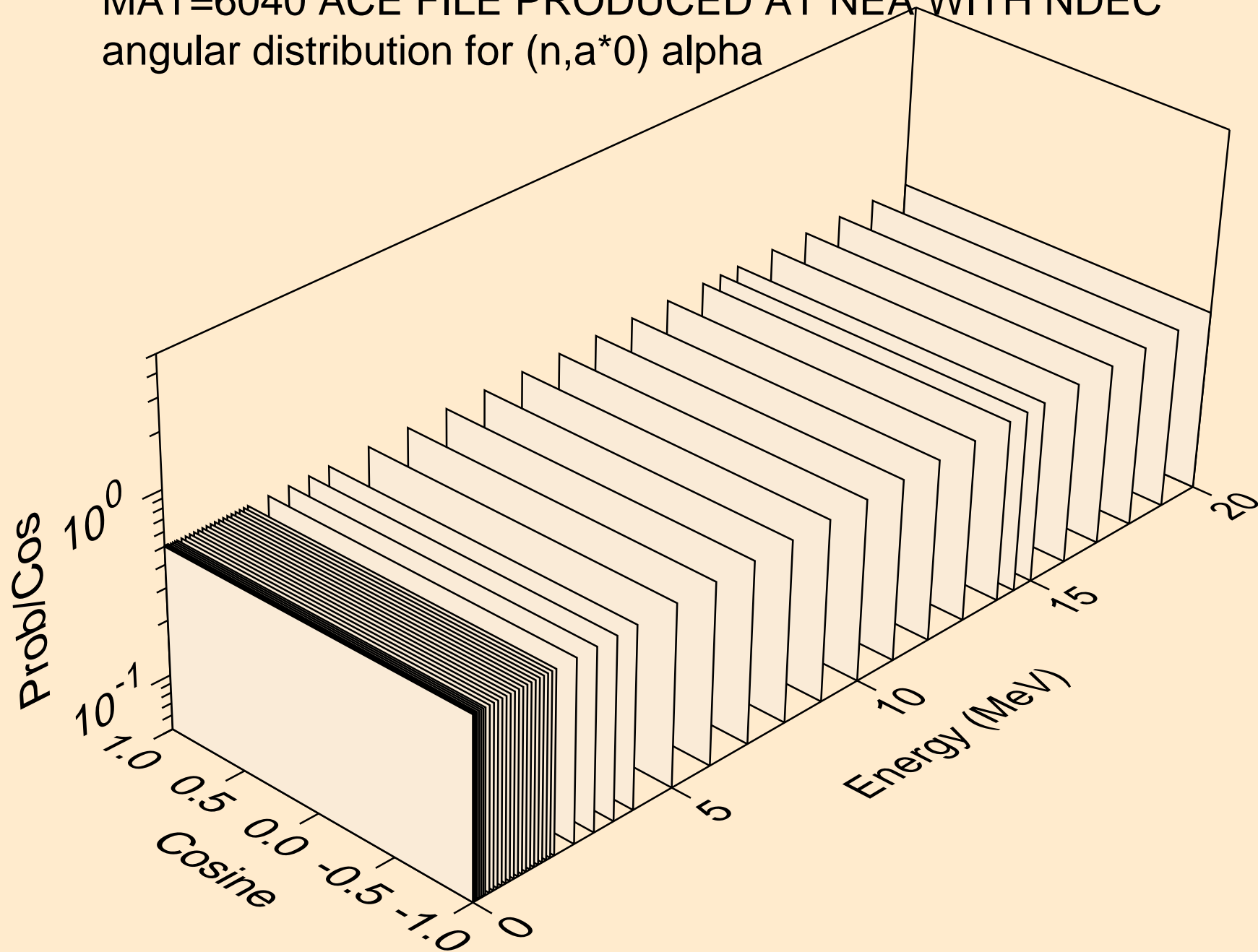
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alphas from (n,n\*)a



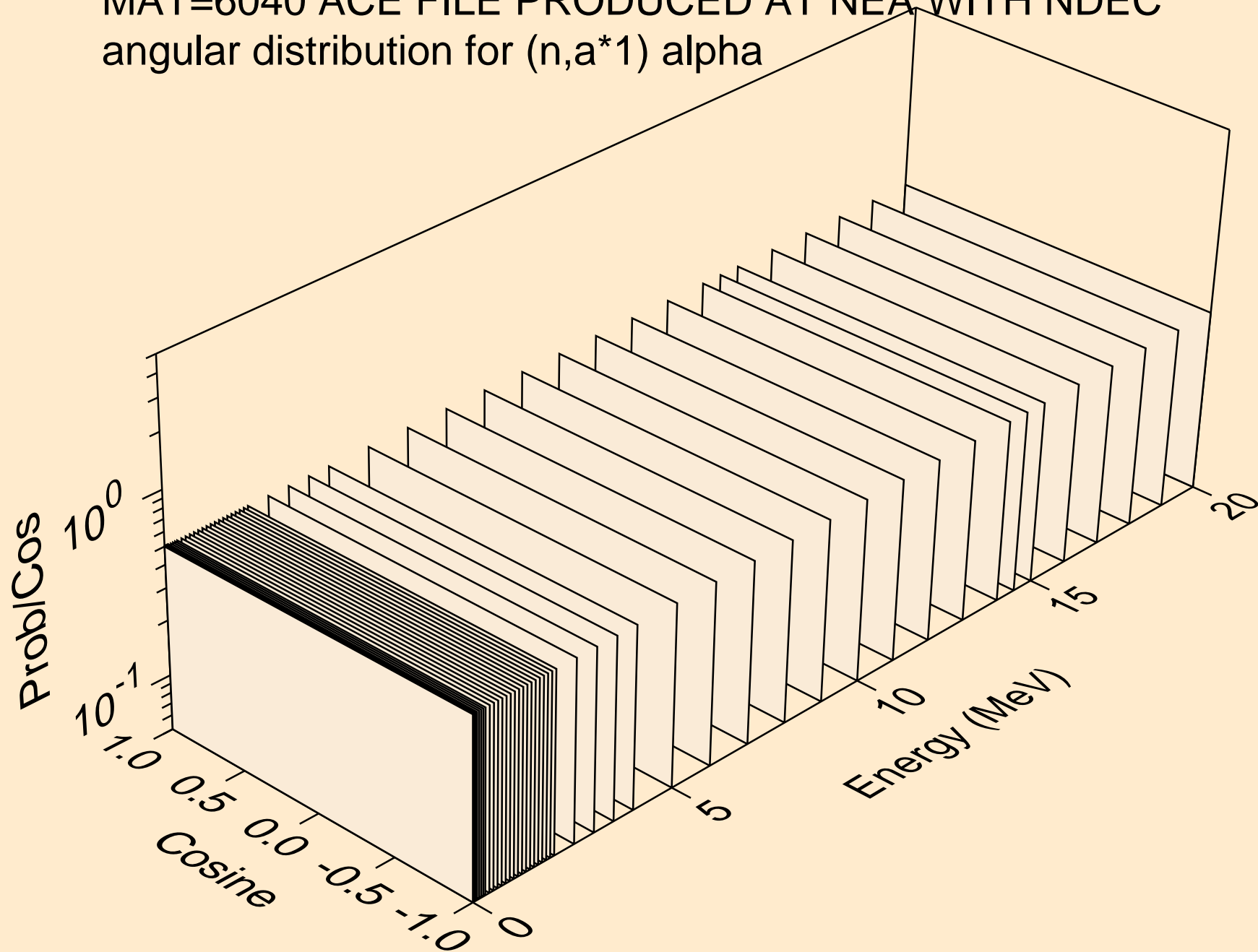
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alphas from (n,2n)a



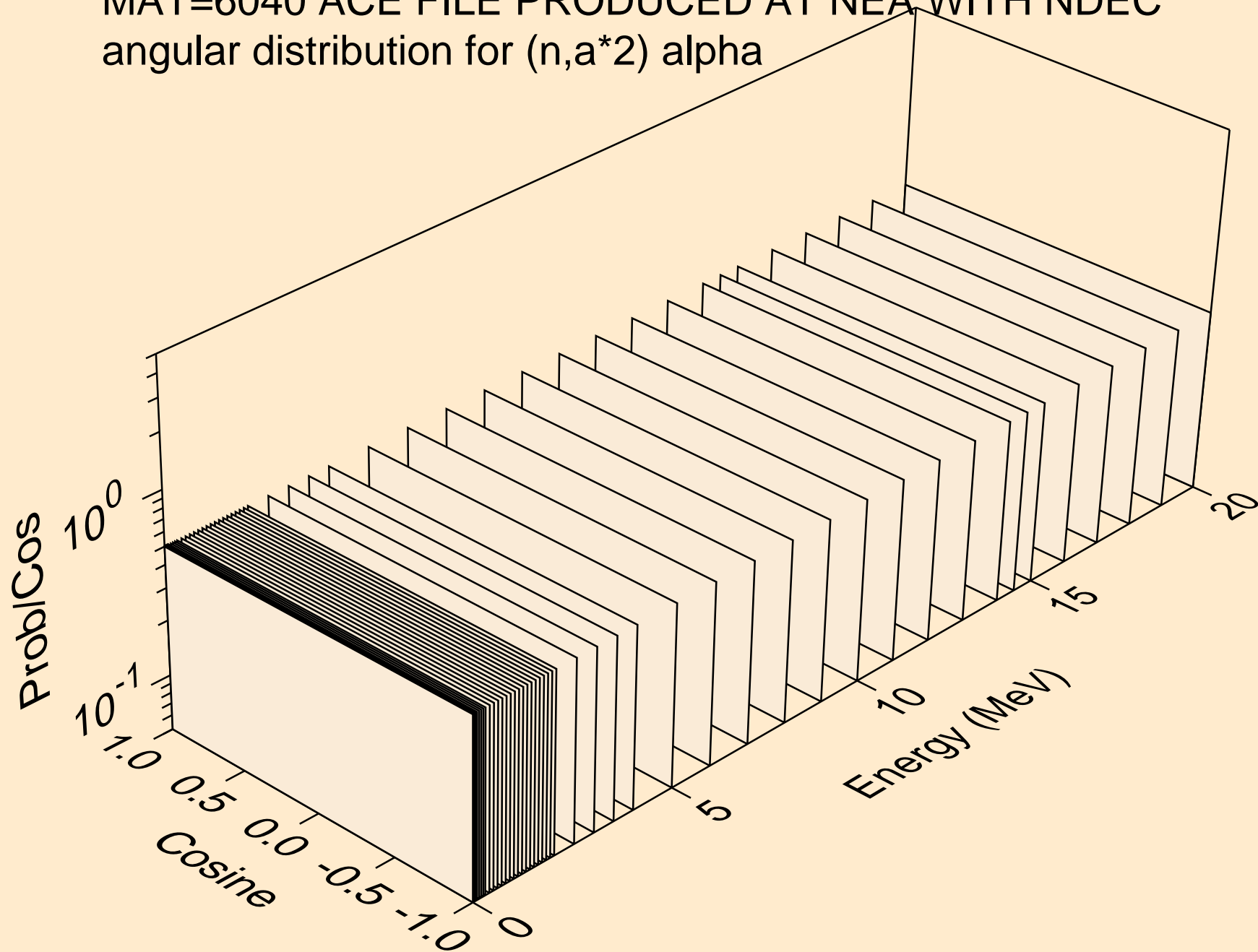
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angular distribution for (n,a\*0) alpha



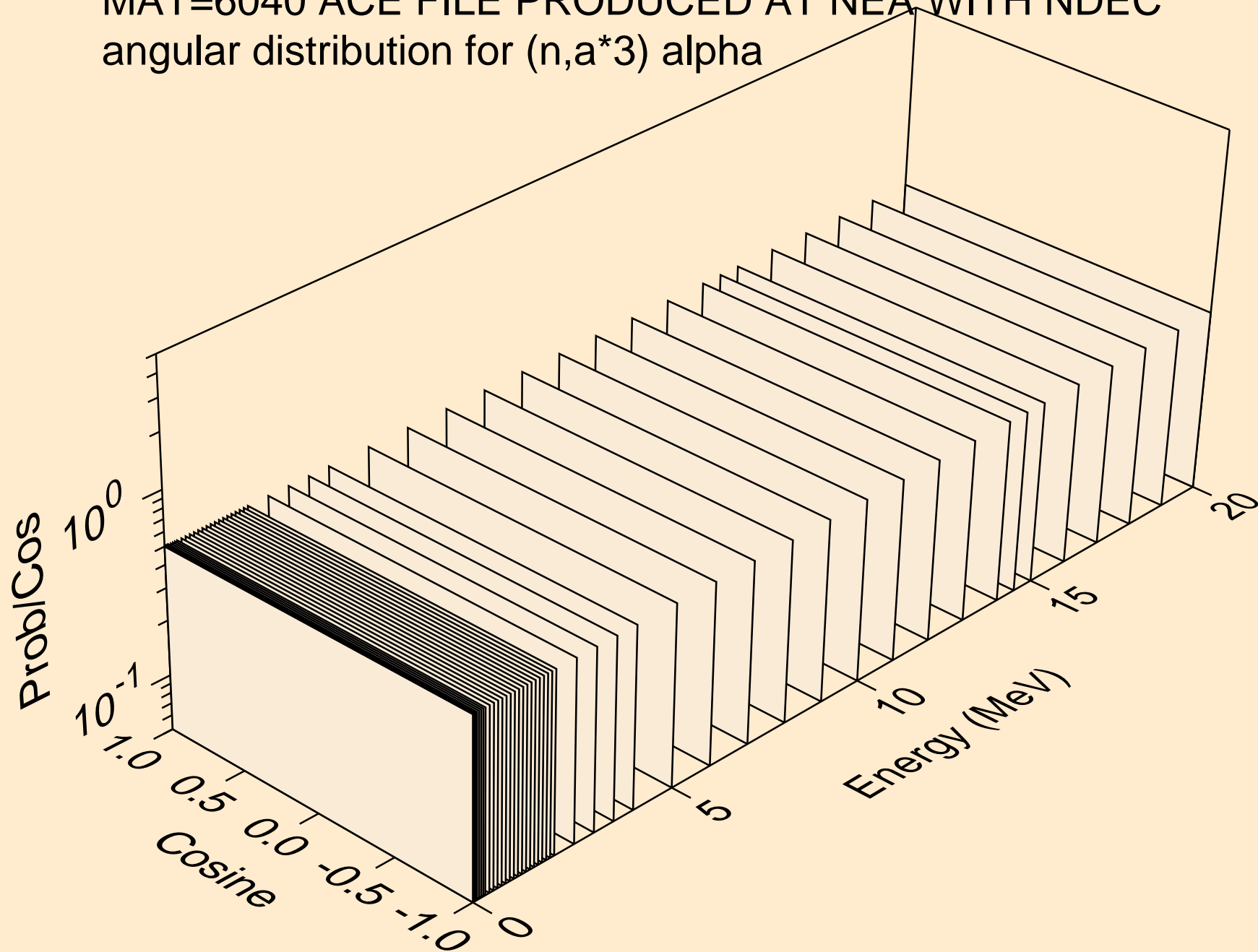
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angular distribution for (n,a\*1) alpha



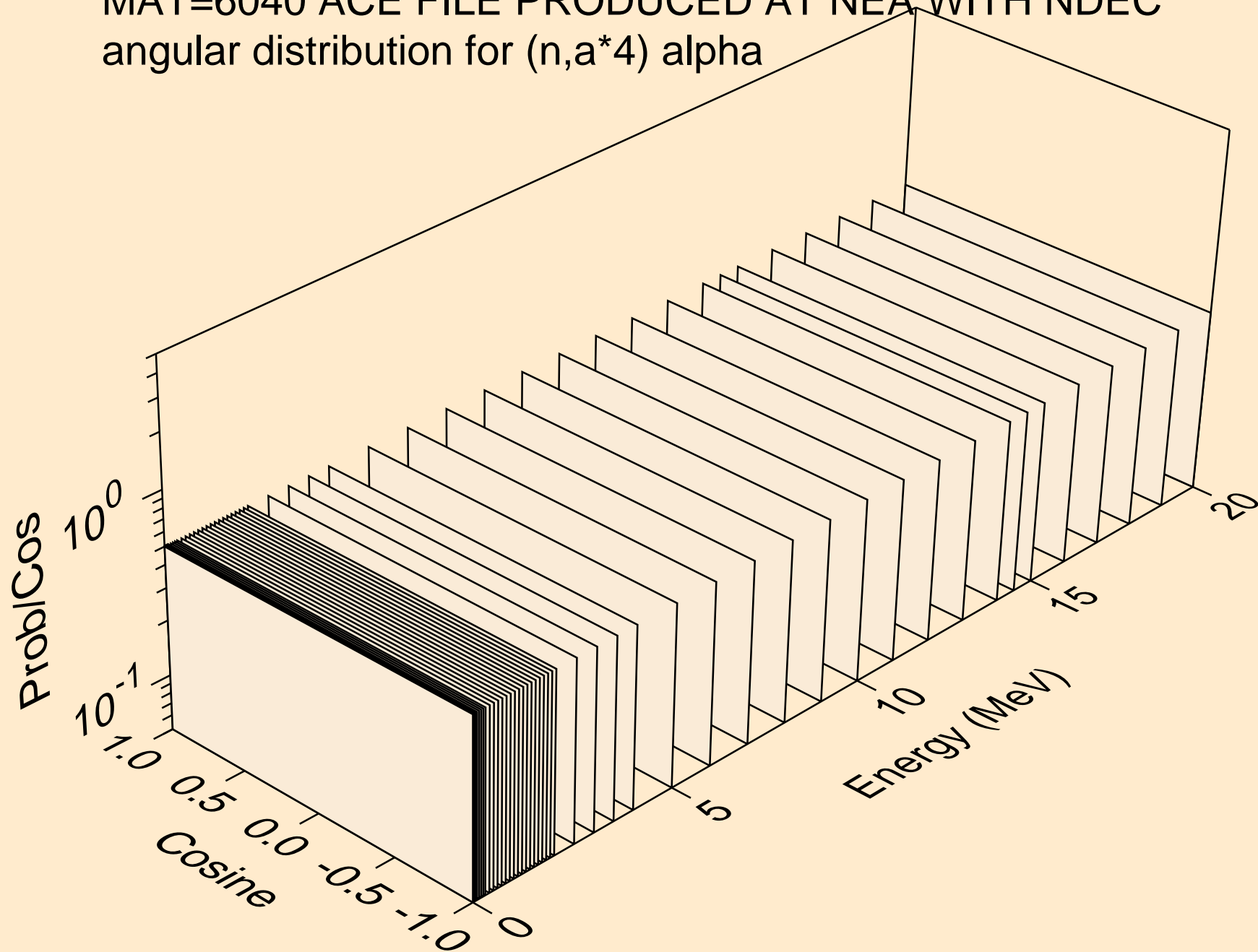
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angular distribution for (n,a\*2) alpha



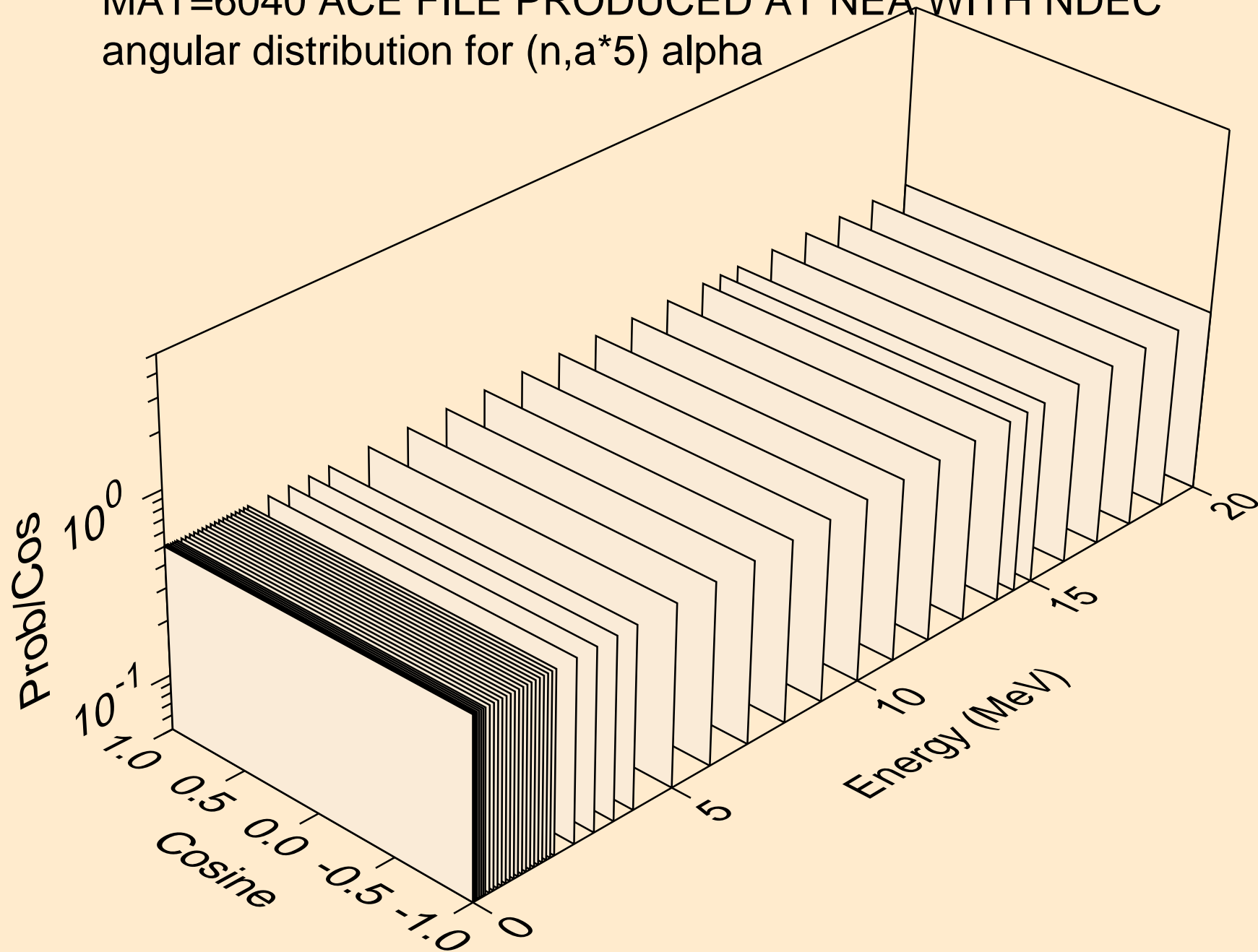
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angular distribution for (n,a\*3) alpha



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
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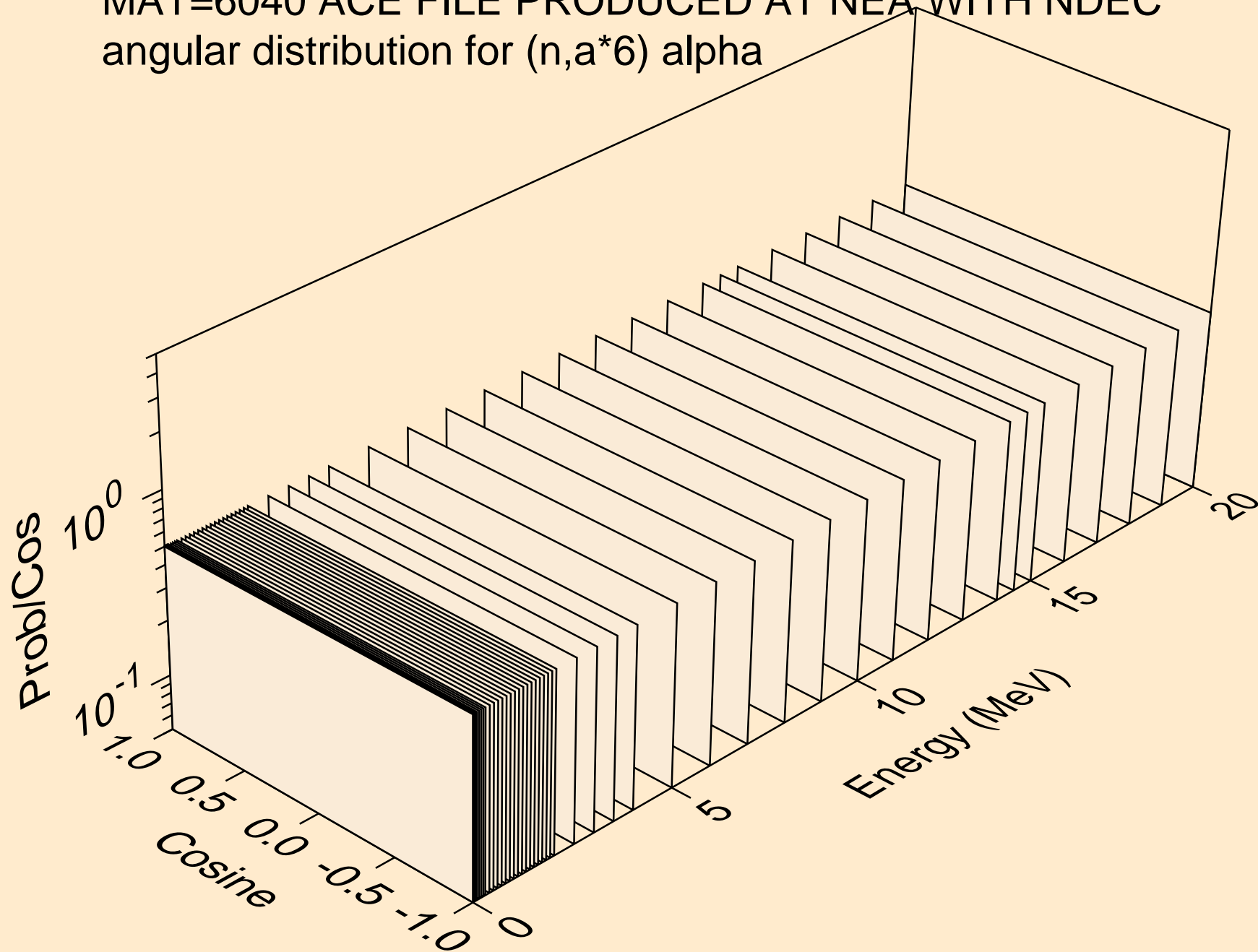


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angular distribution for (n,a\*5) alpha

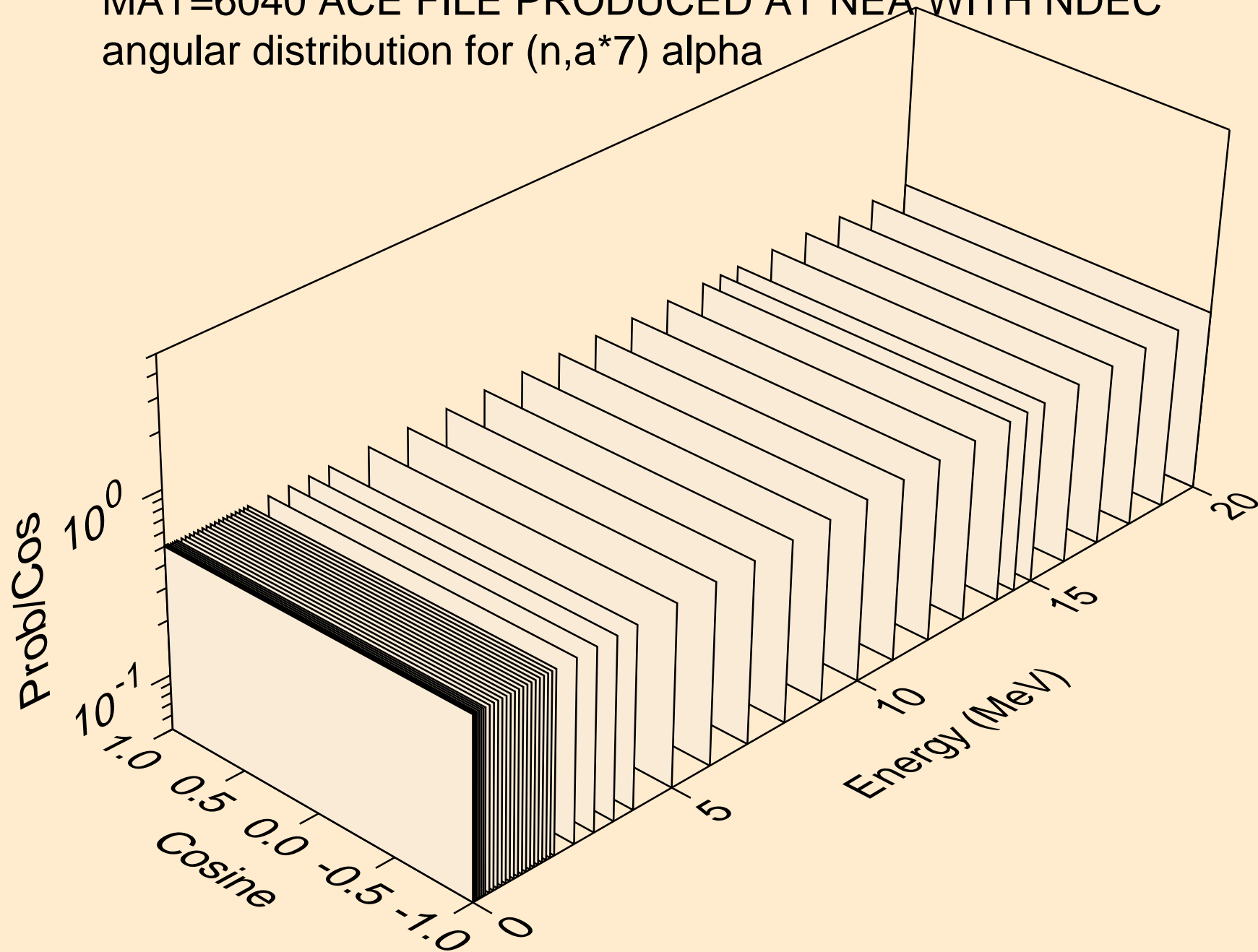




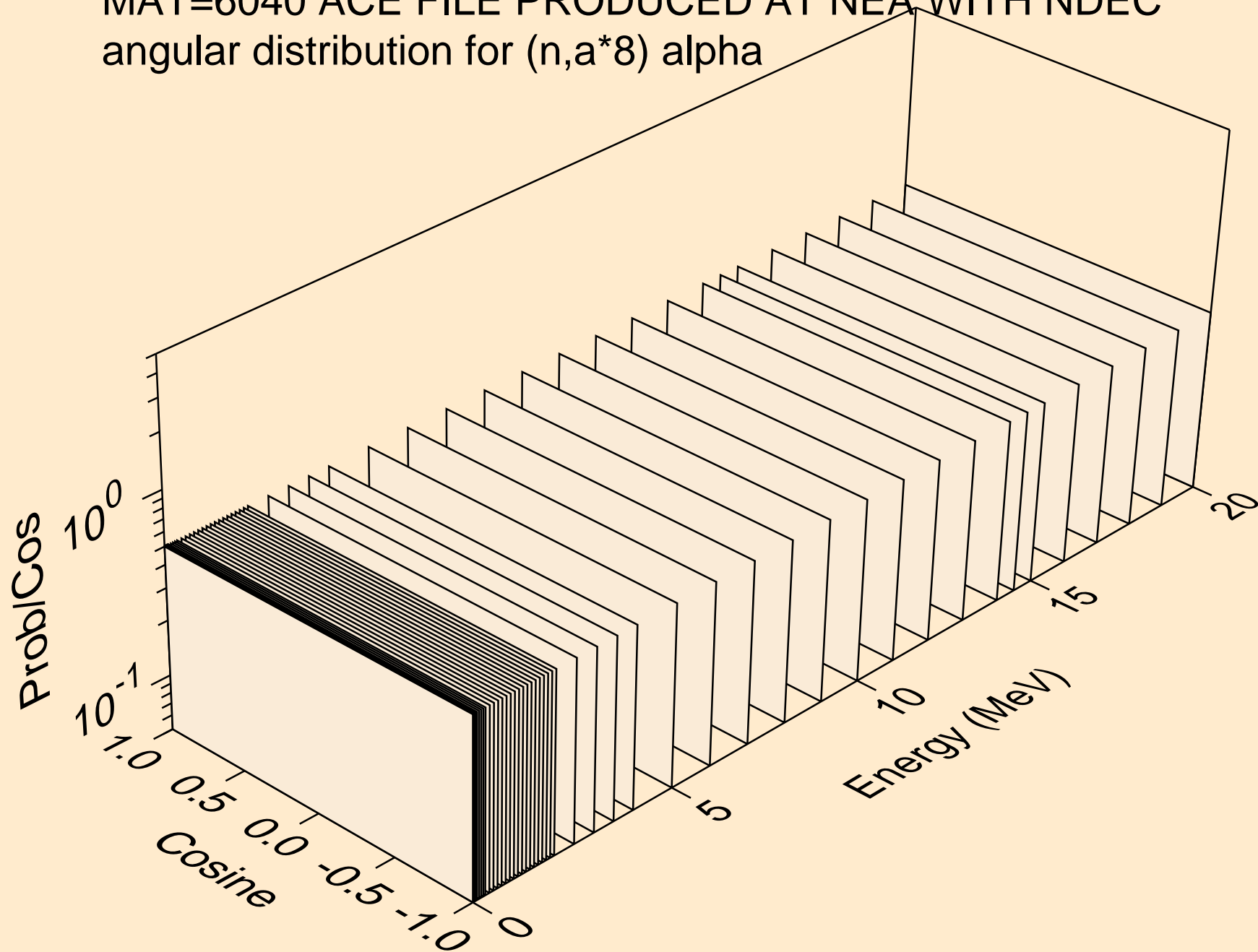
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angular distribution for (n,a\*6) alpha



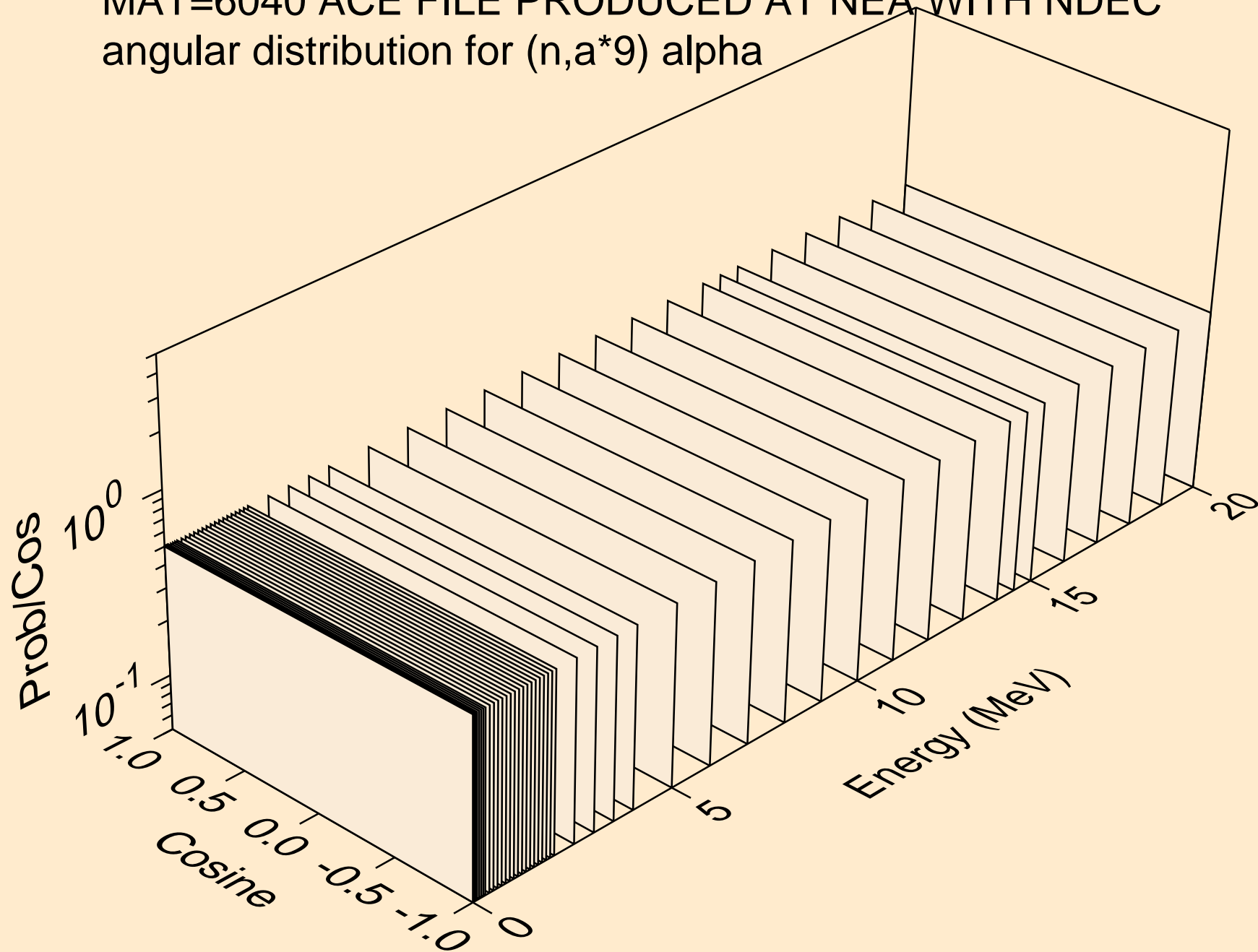
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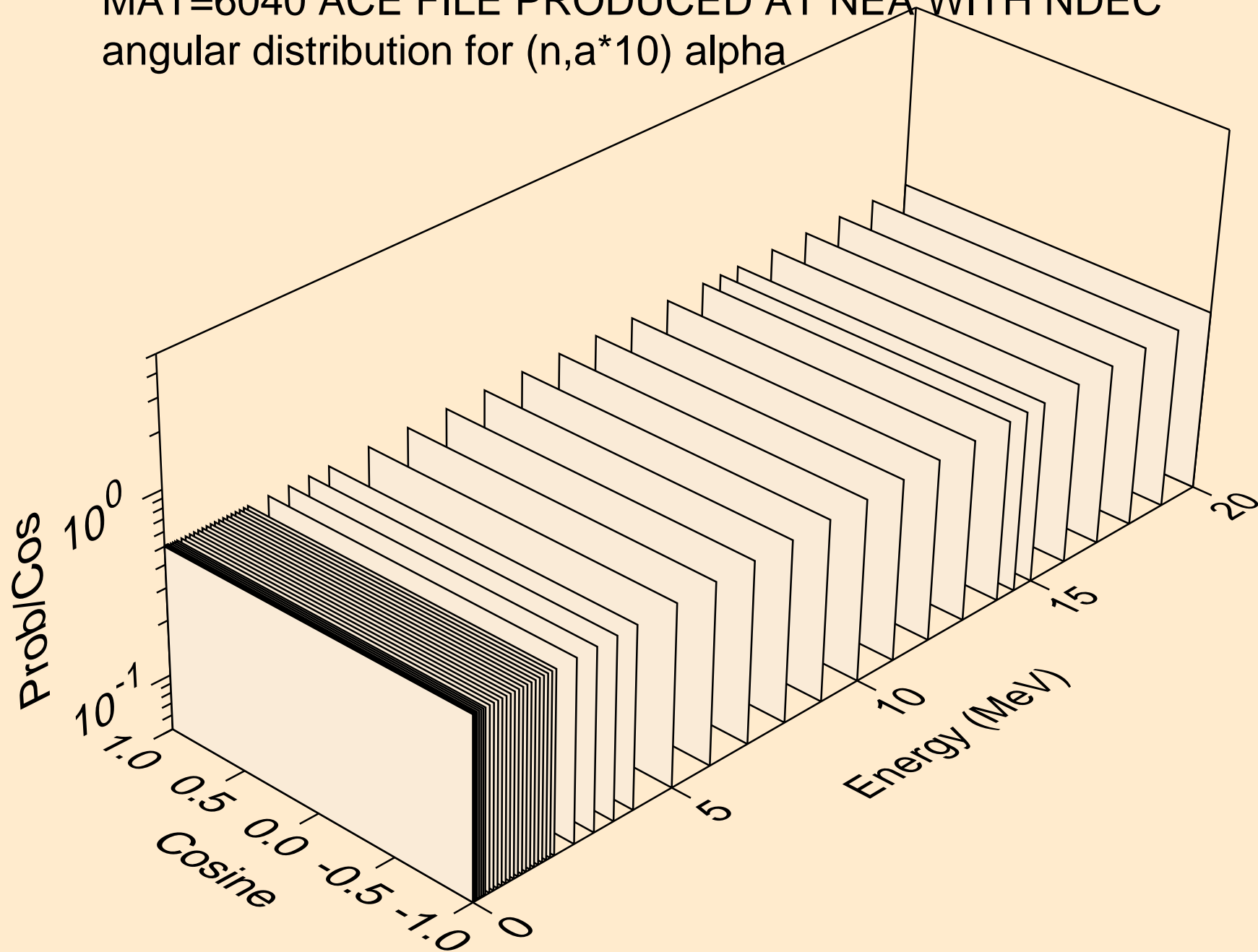
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angular distribution for (n,a\*8) alpha



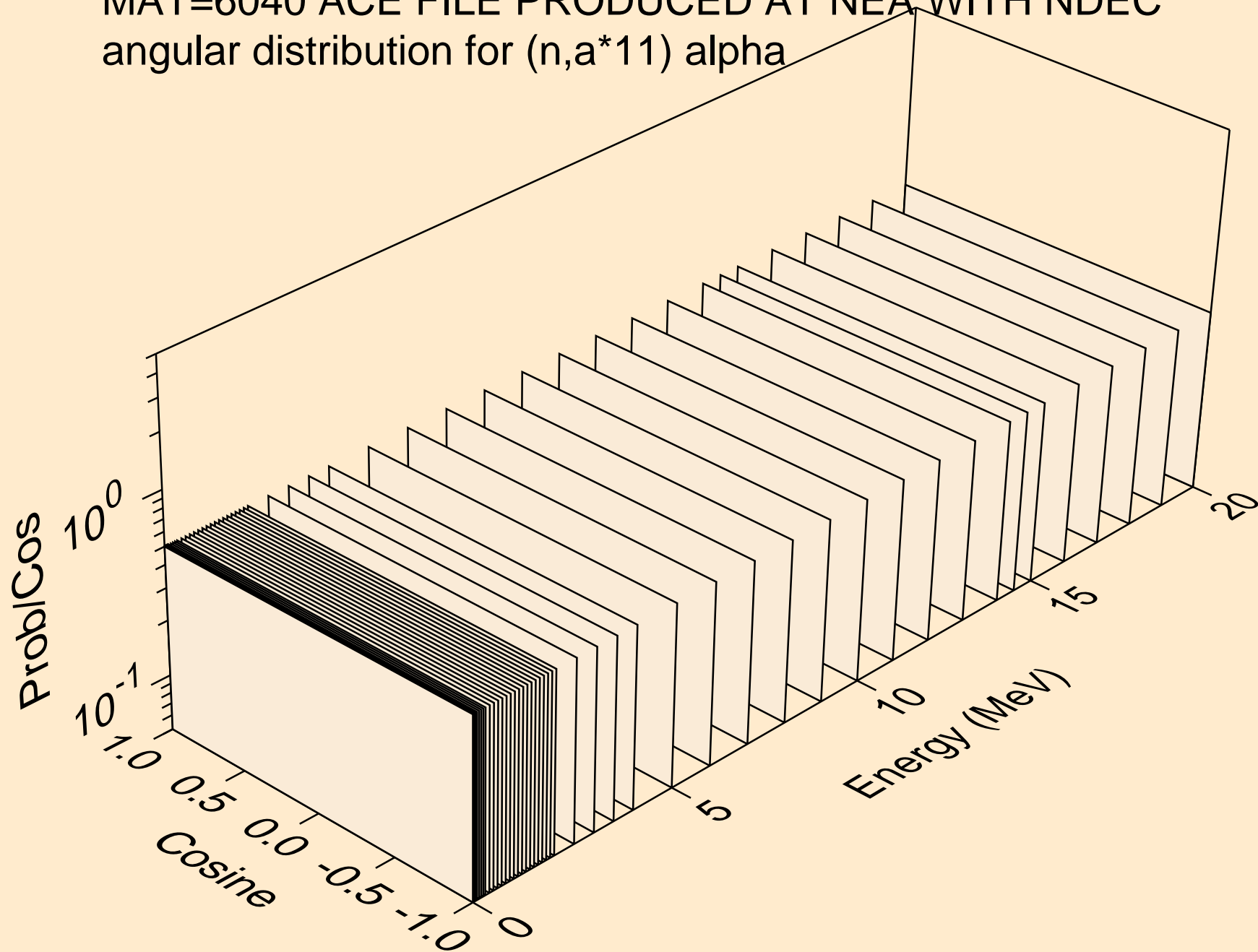
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angular distribution for (n,a\*9) alpha



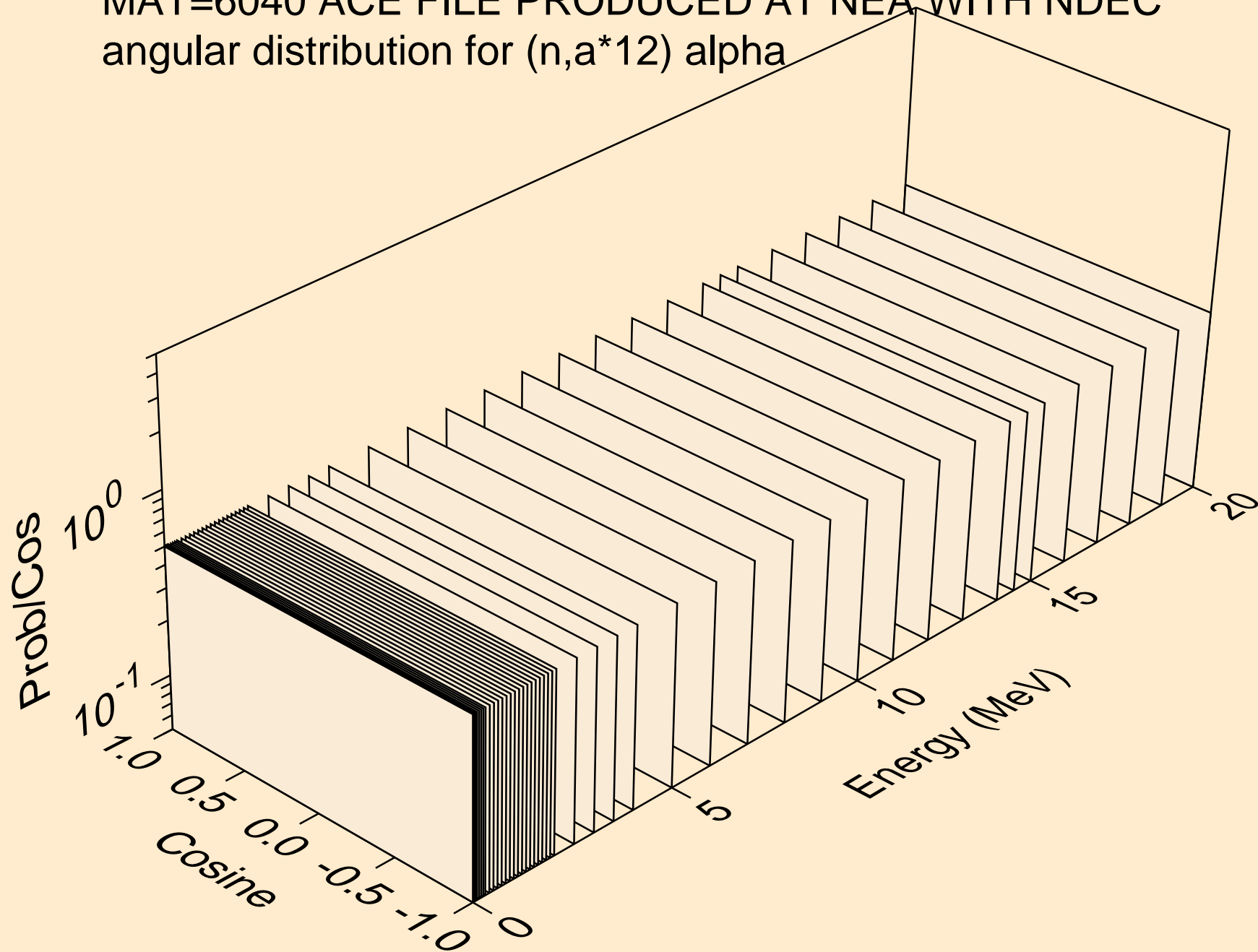
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angular distribution for (n,a\*10) alpha



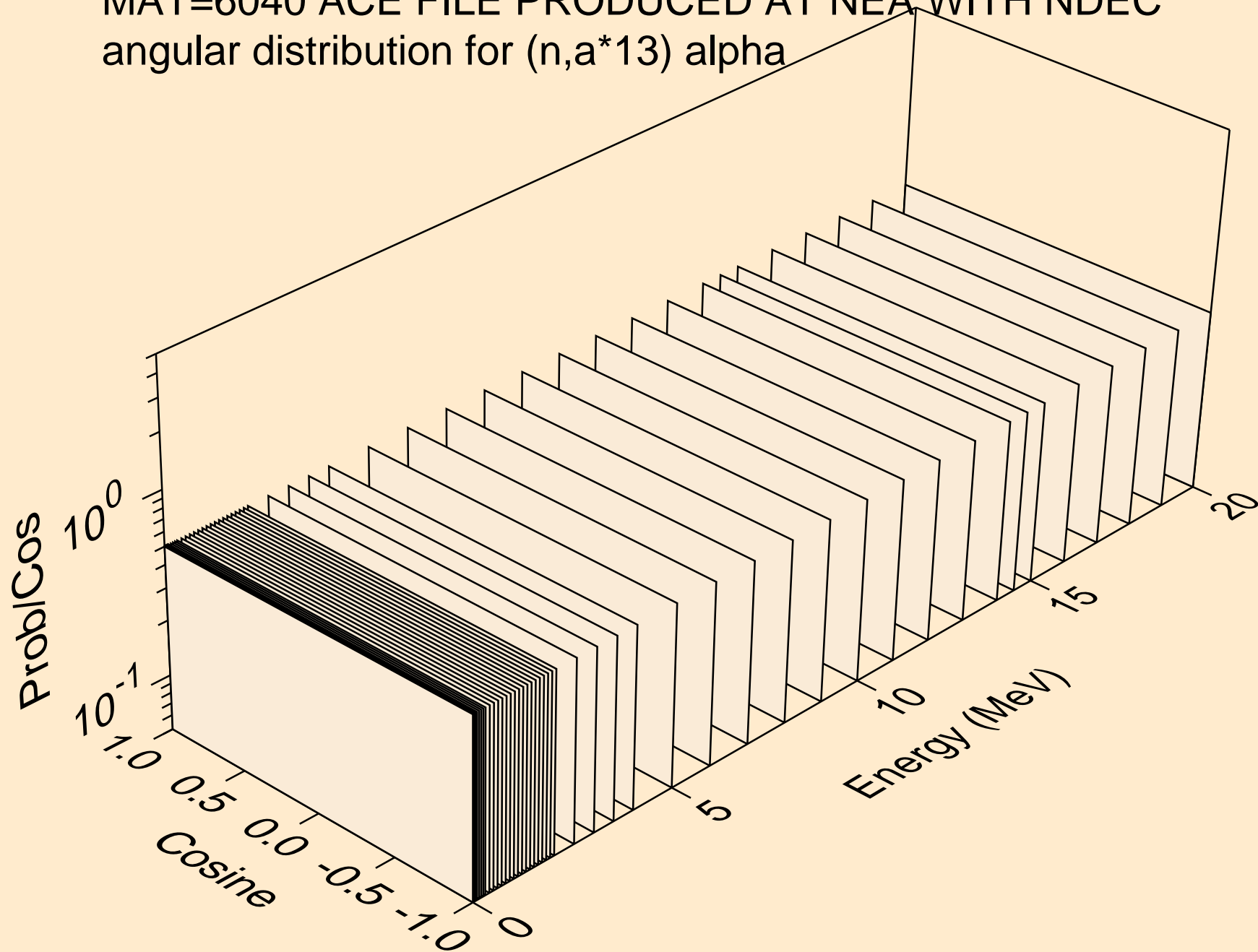
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angular distribution for (n,a\*11) alpha



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*12) alpha

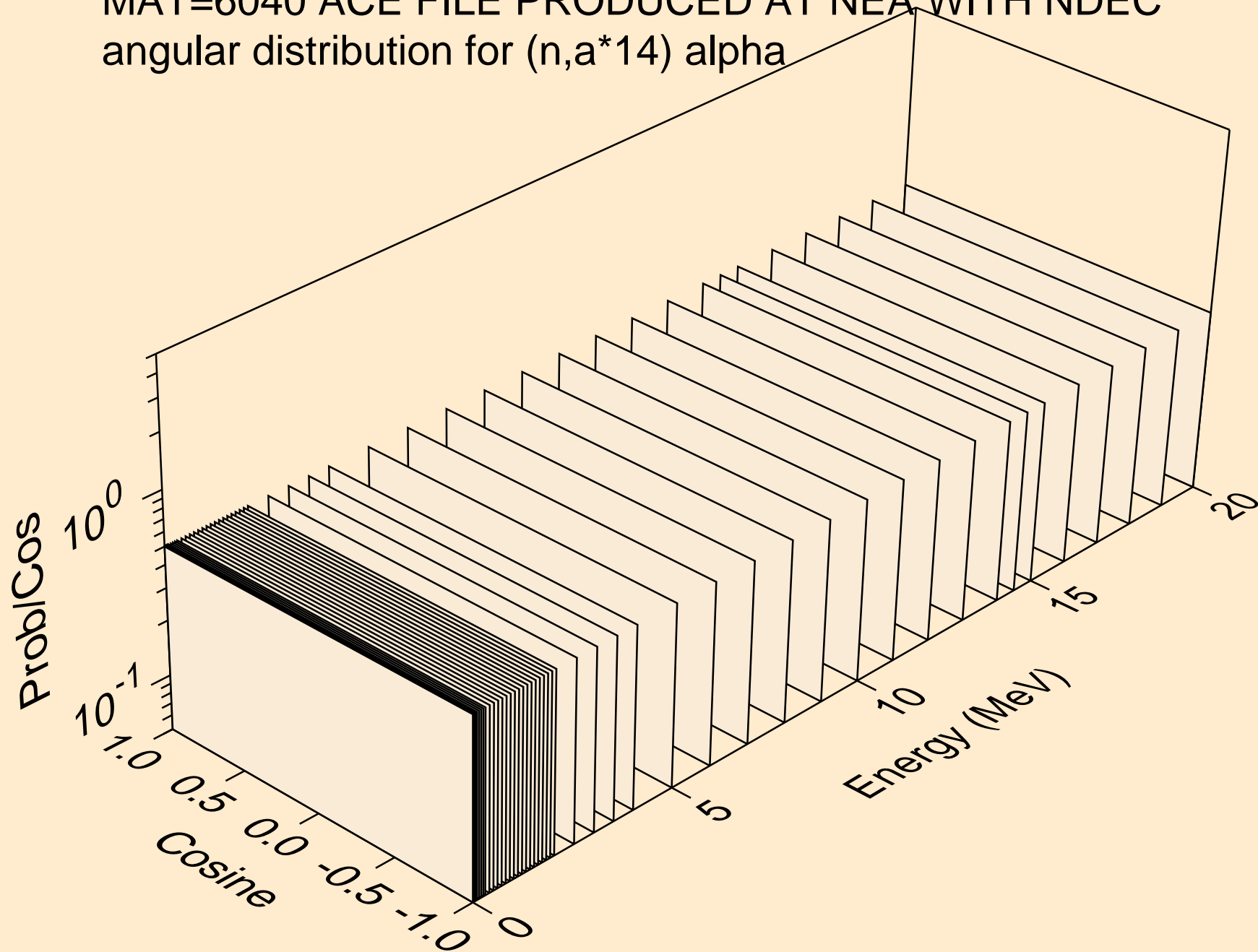


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angular distribution for (n,a\*13) alpha

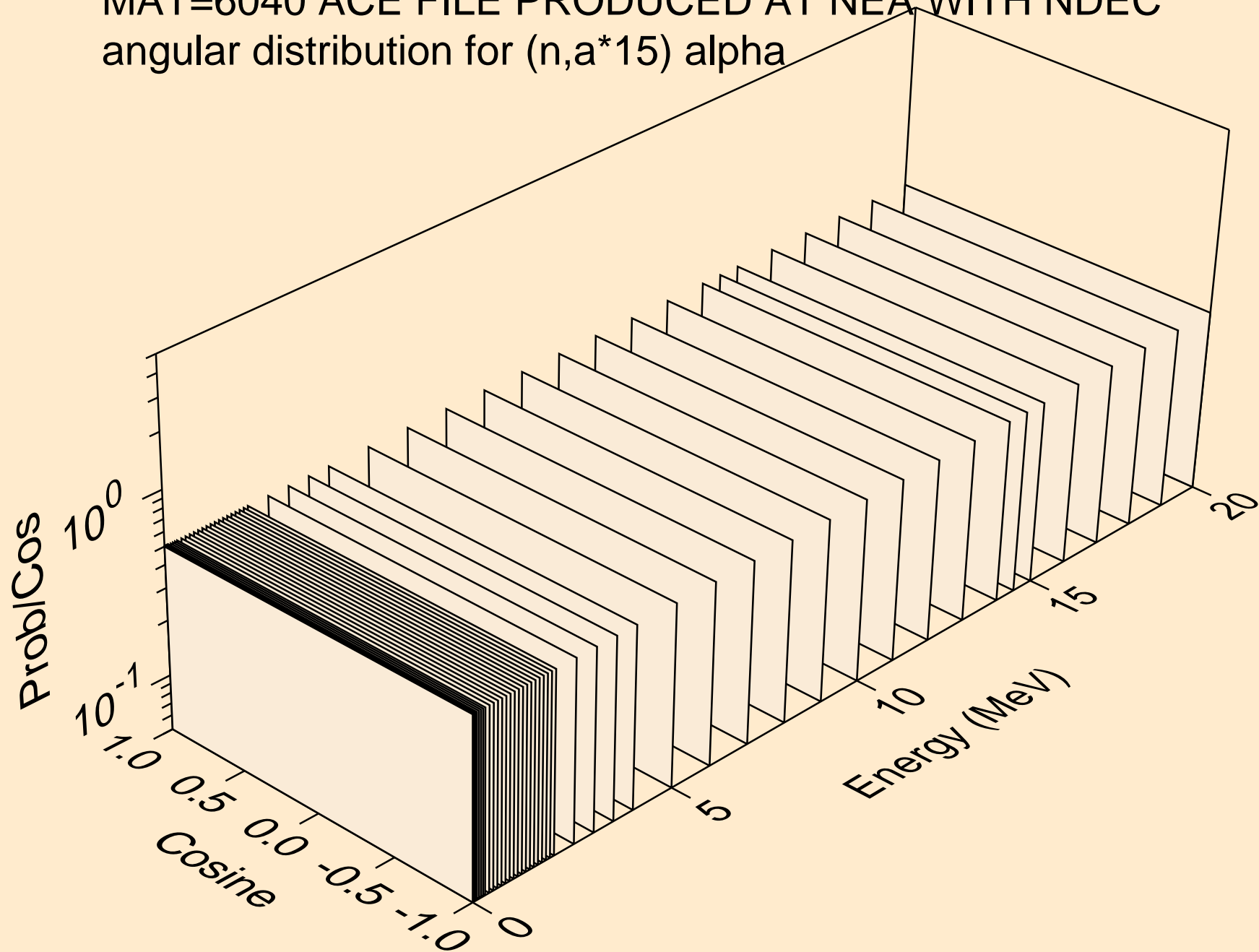




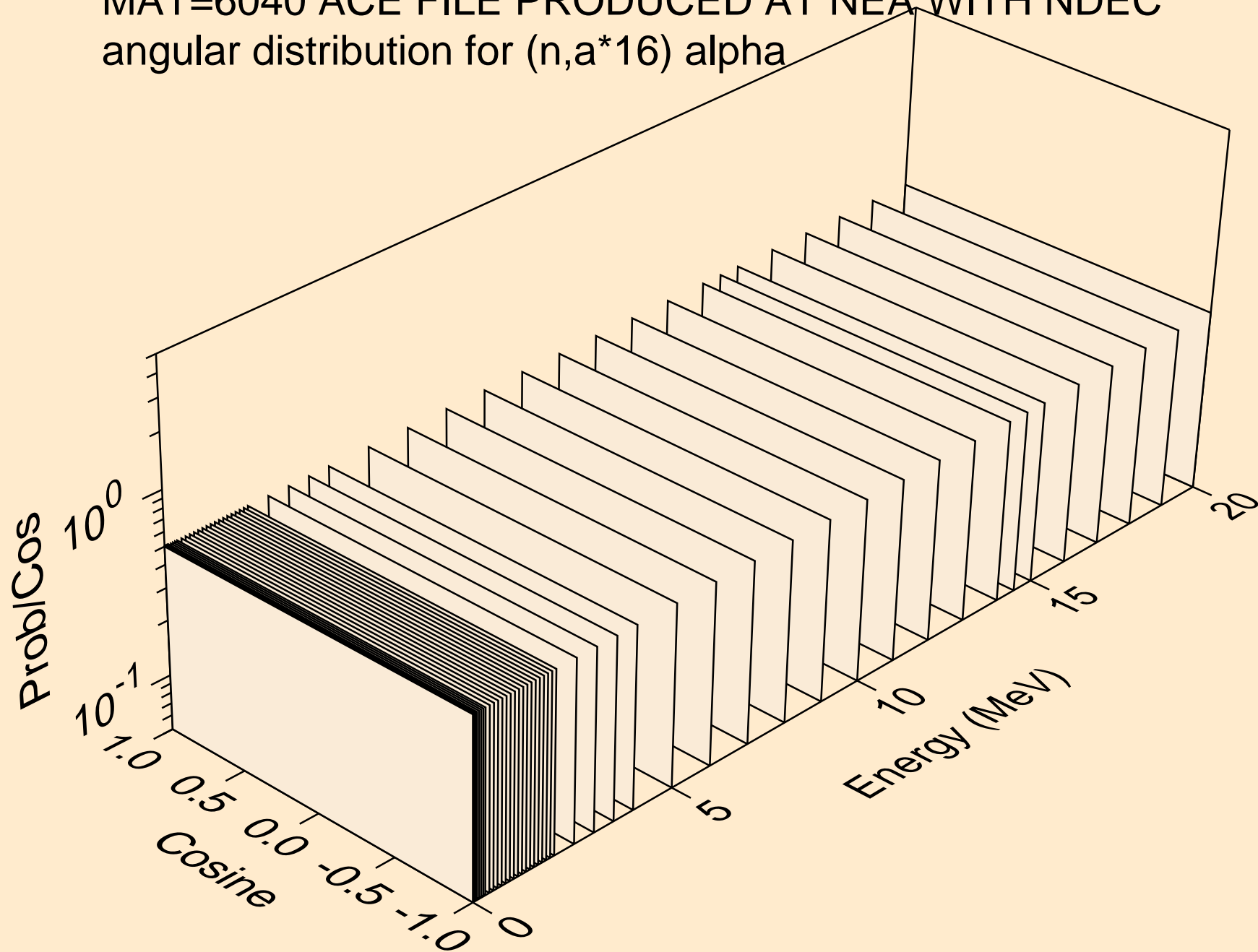
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angular distribution for (n,a\*14) alpha



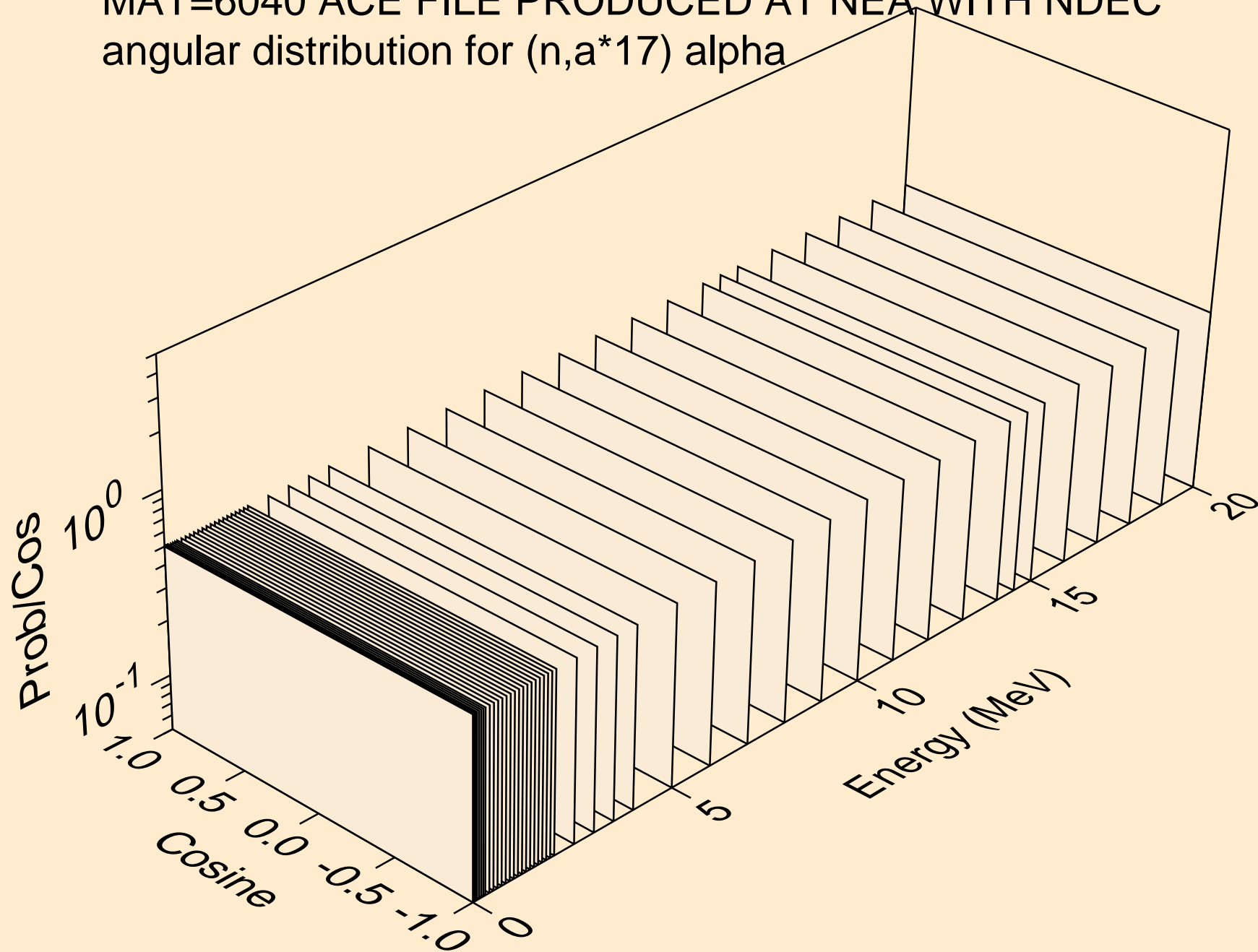
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angular distribution for (n,a\*15) alpha



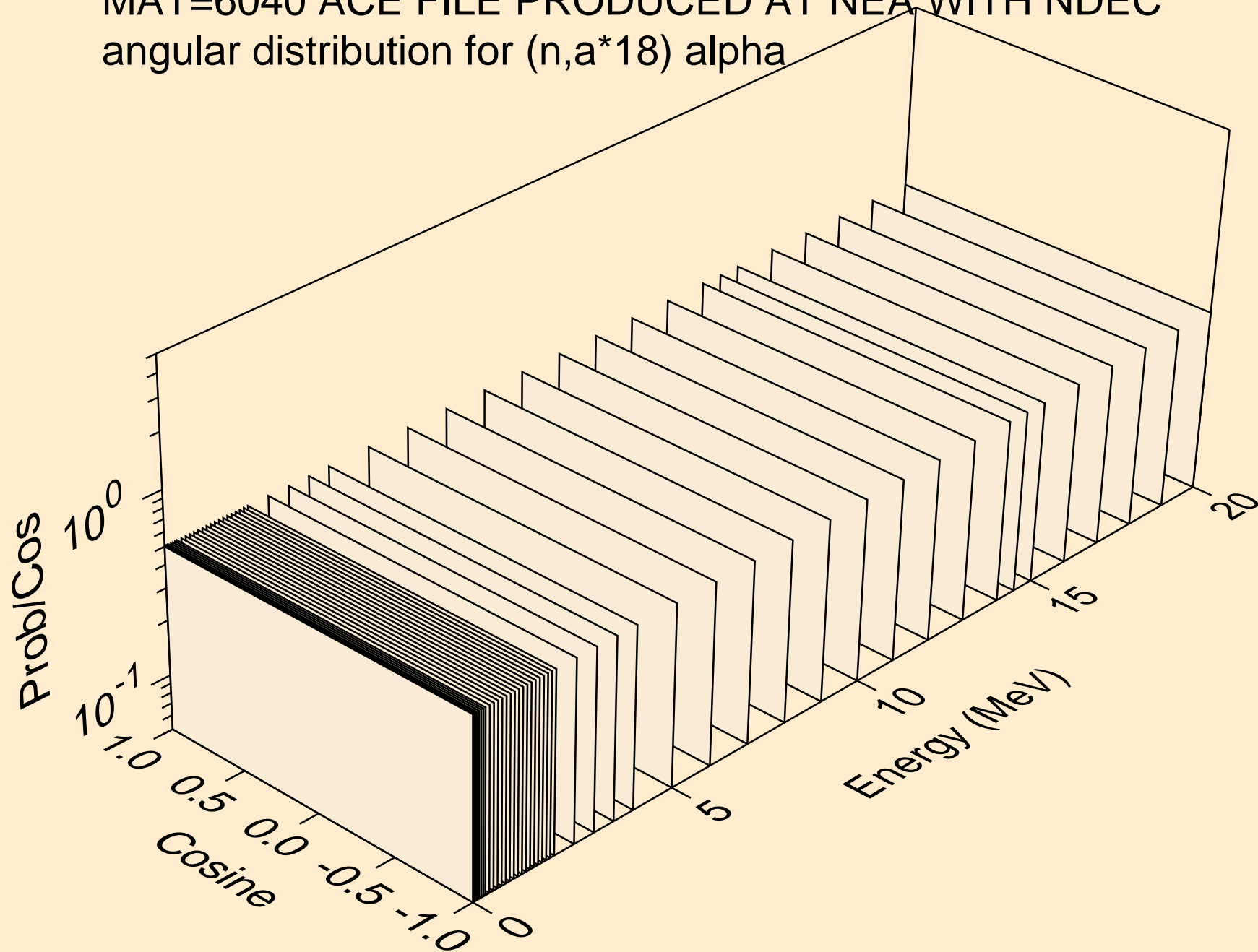
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angular distribution for (n,a\*16) alpha



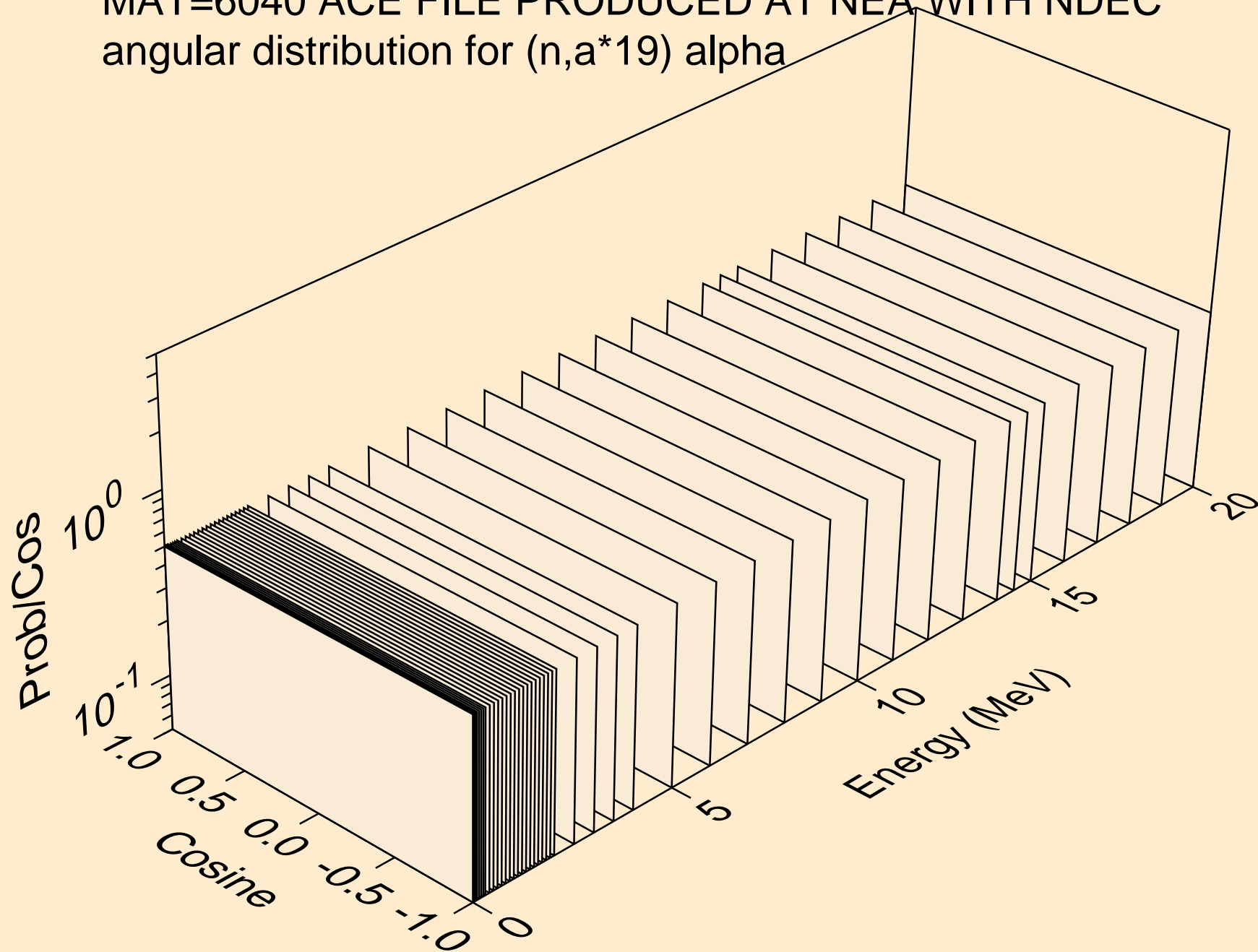
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angular distribution for (n,a\*17) alpha



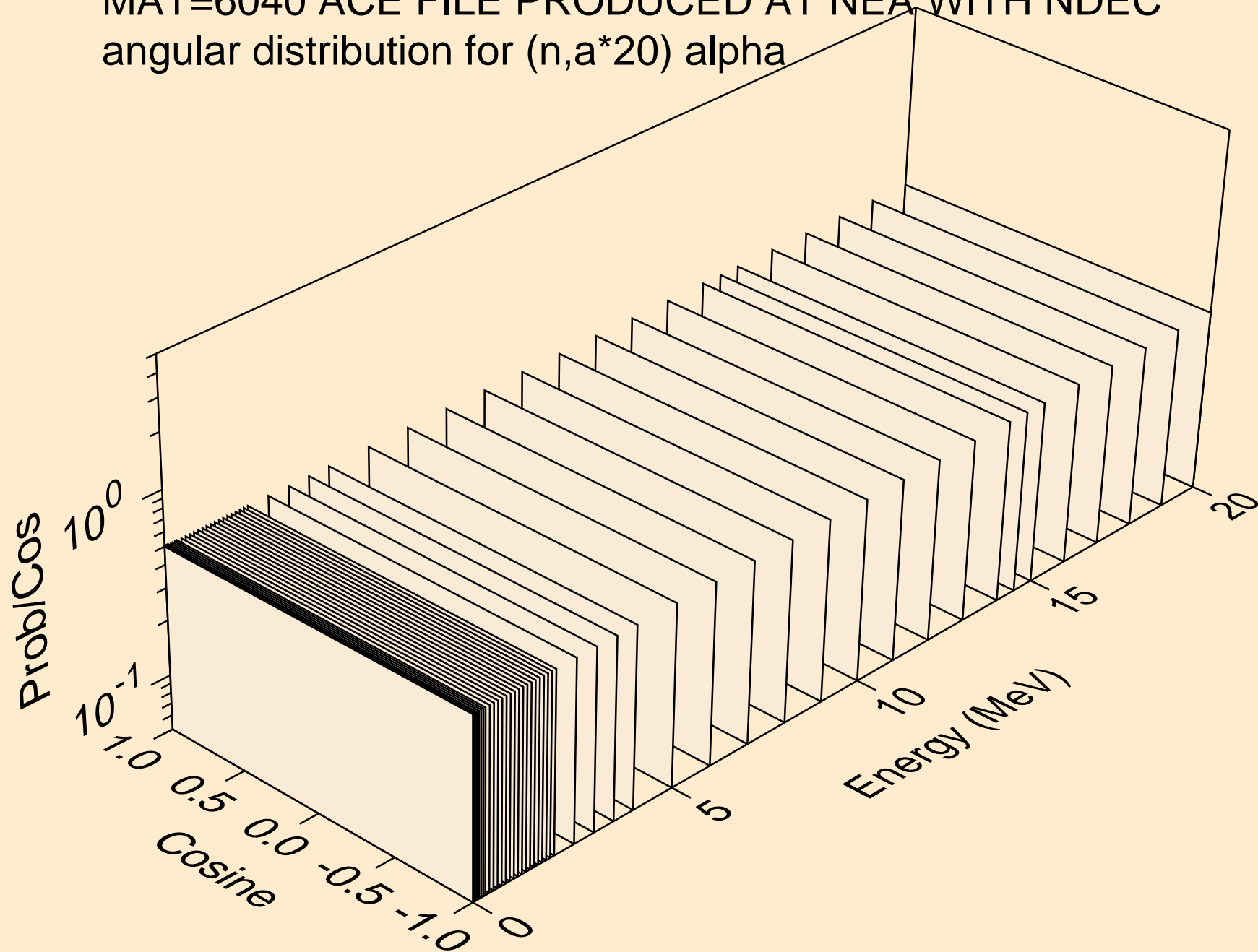
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angular distribution for (n,a\*18) alpha



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*19) alpha



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
angular distribution for (n,a\*20) alpha



MAT=6040 ACE FILE PRODUCED AT NEA WITH NDEC  
alphas from (n,a\*c)

