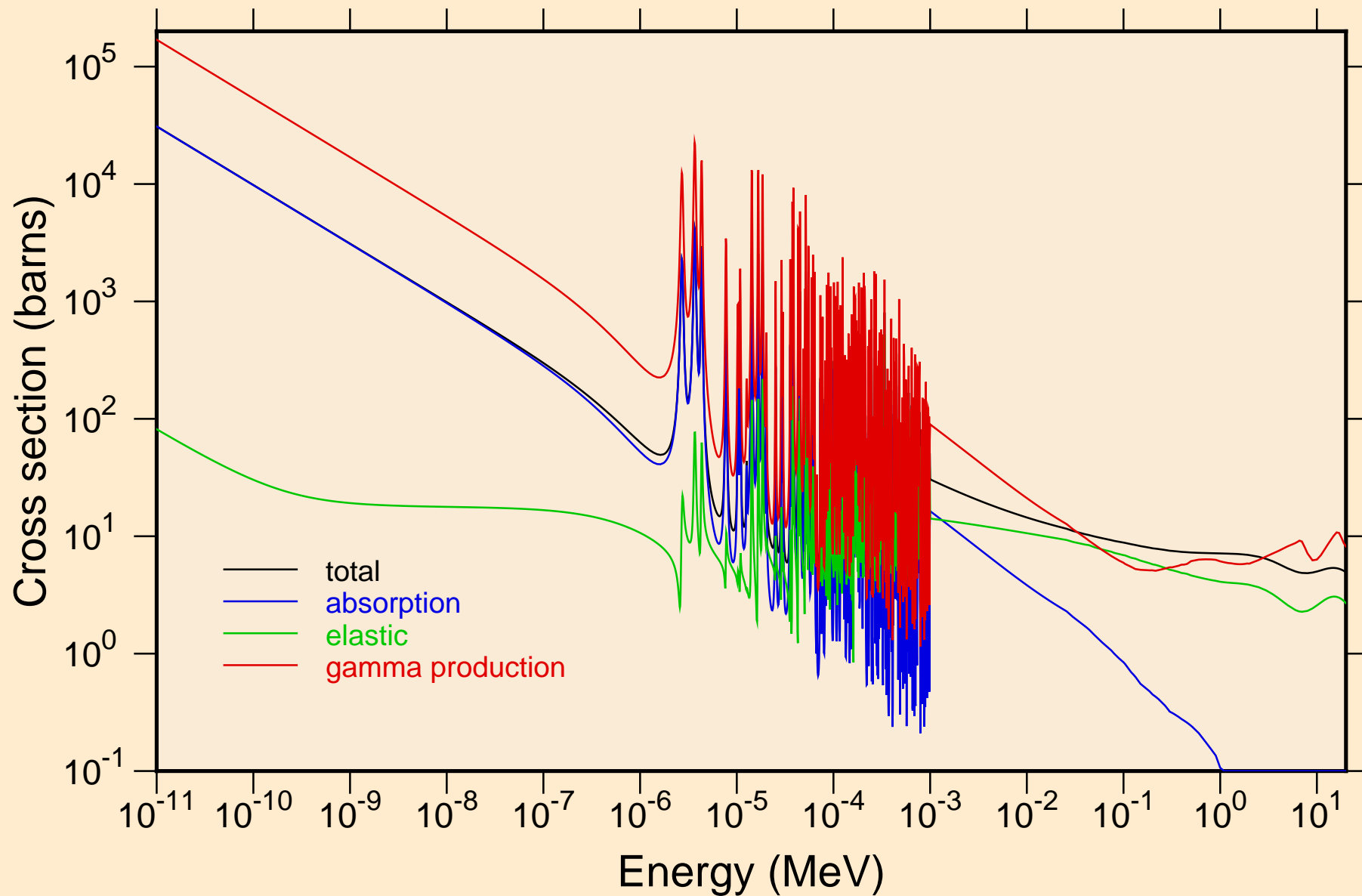
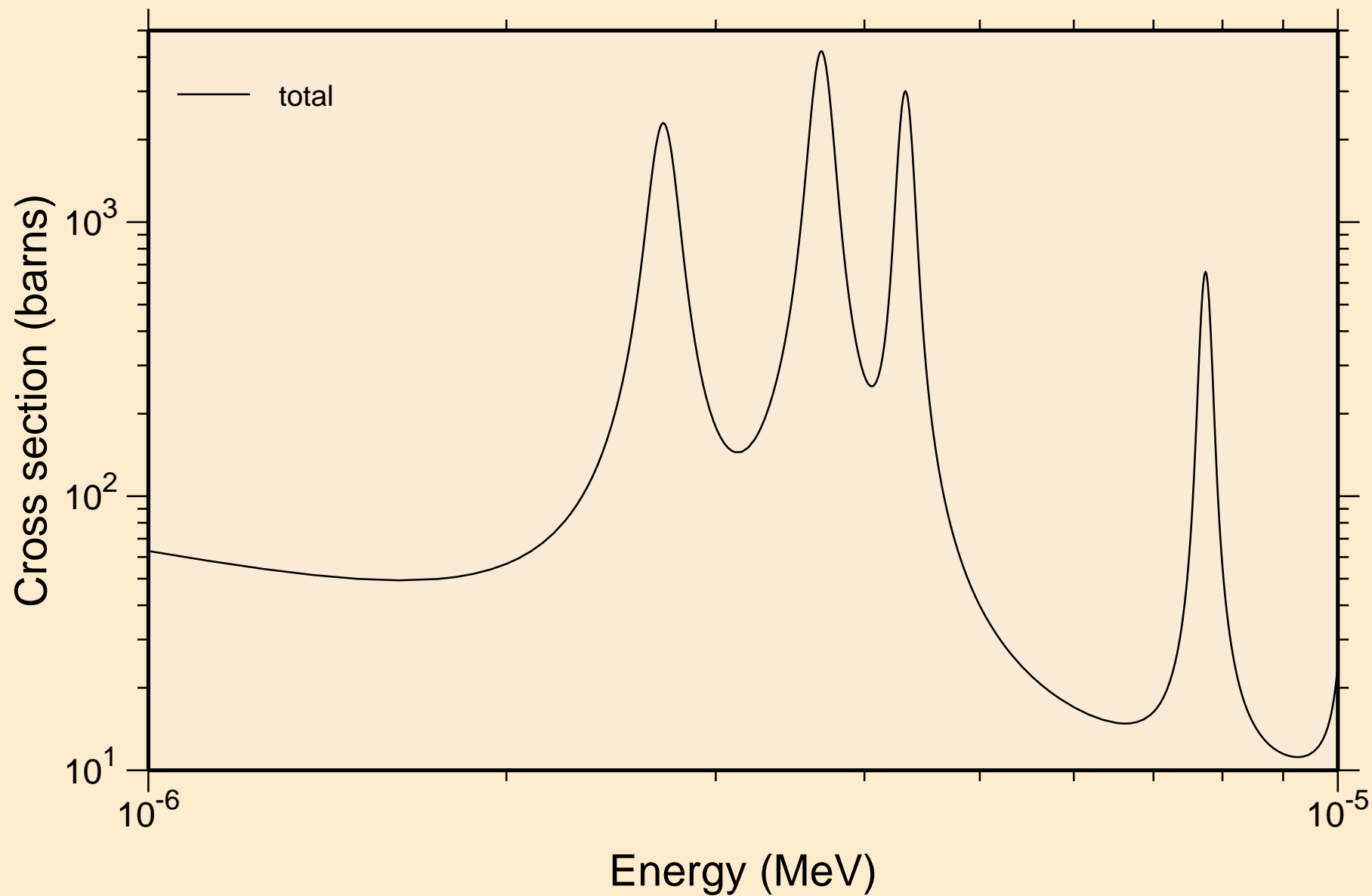


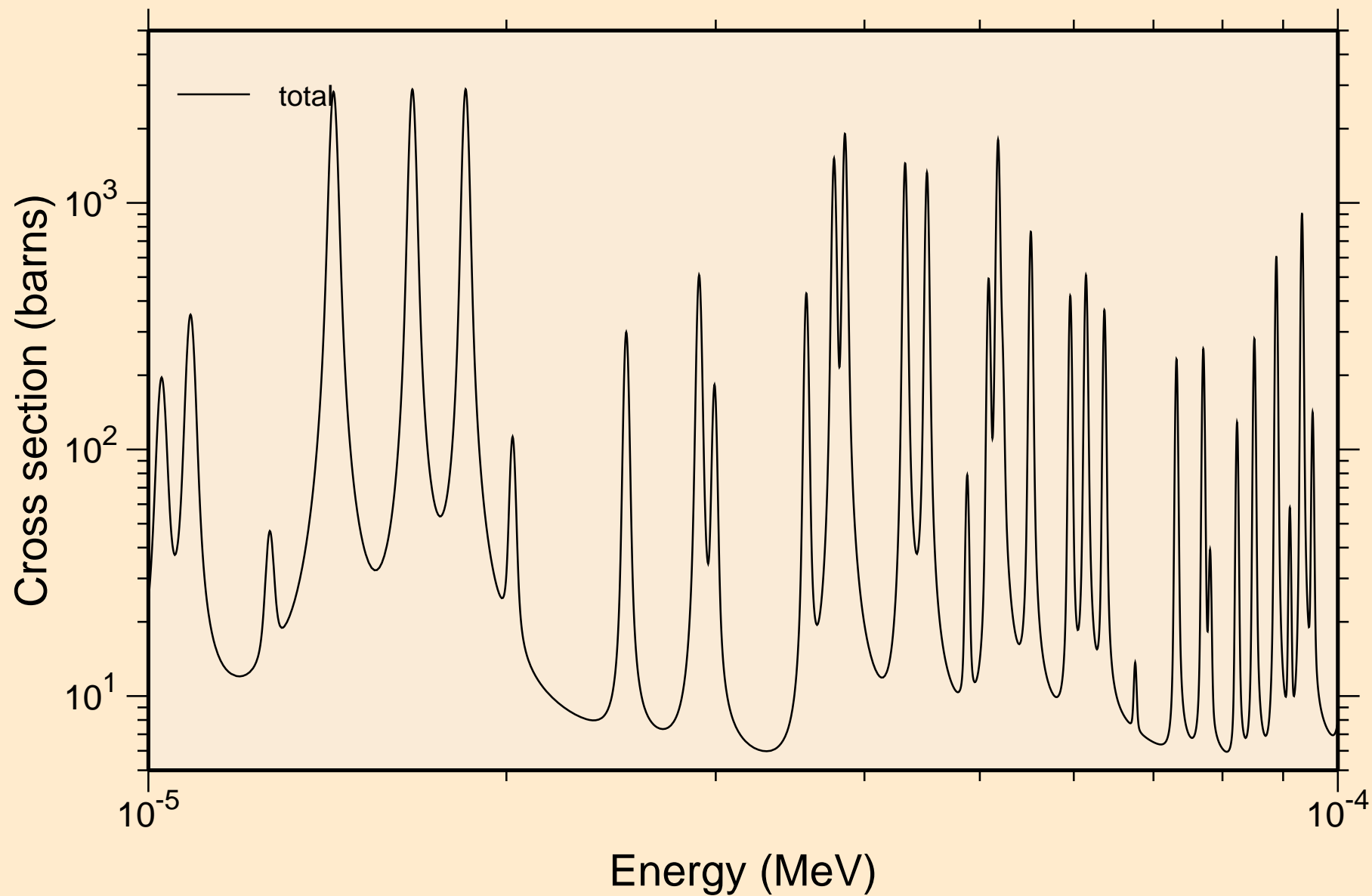
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Principal cross sections



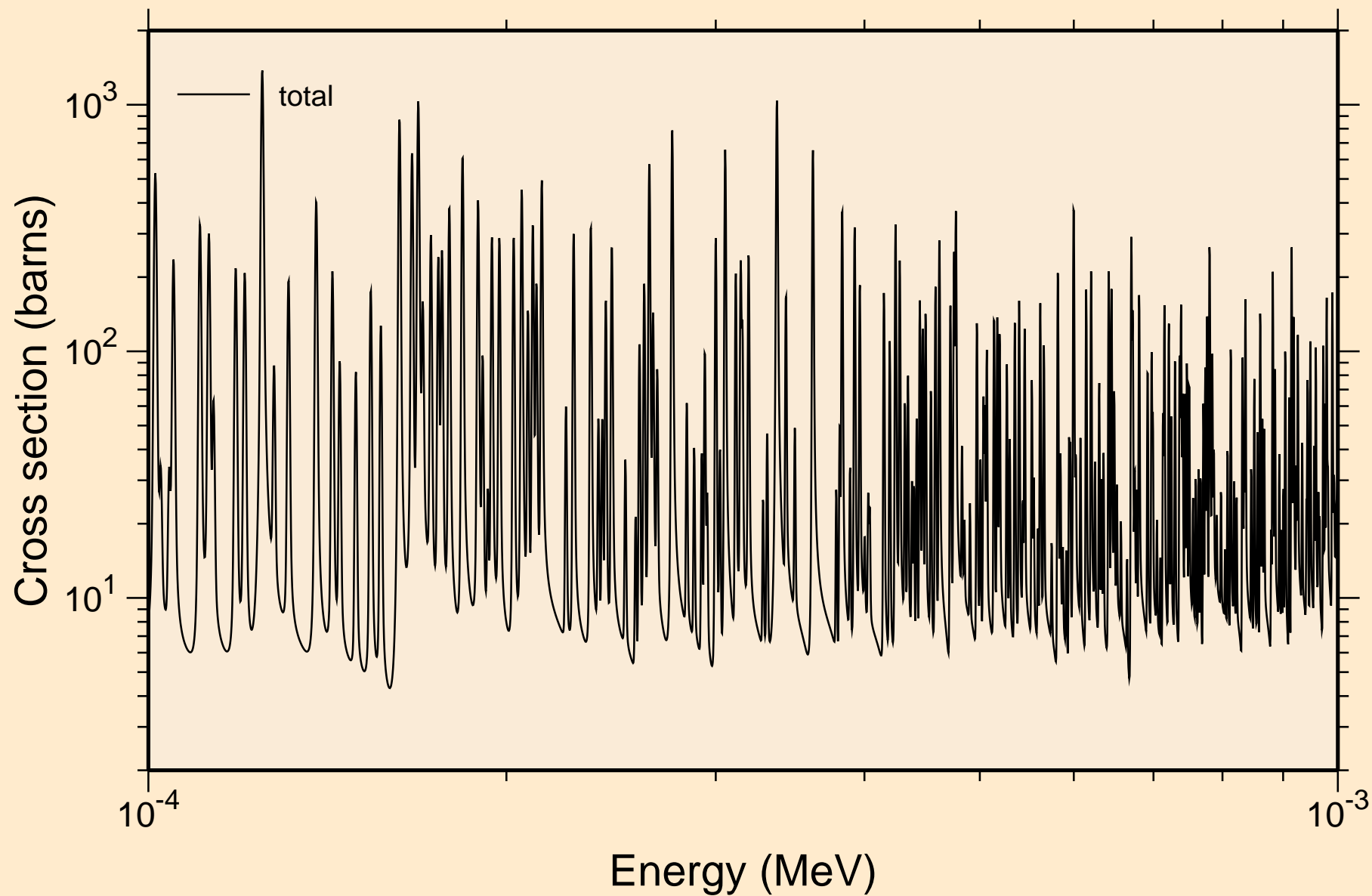
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resonance total cross section



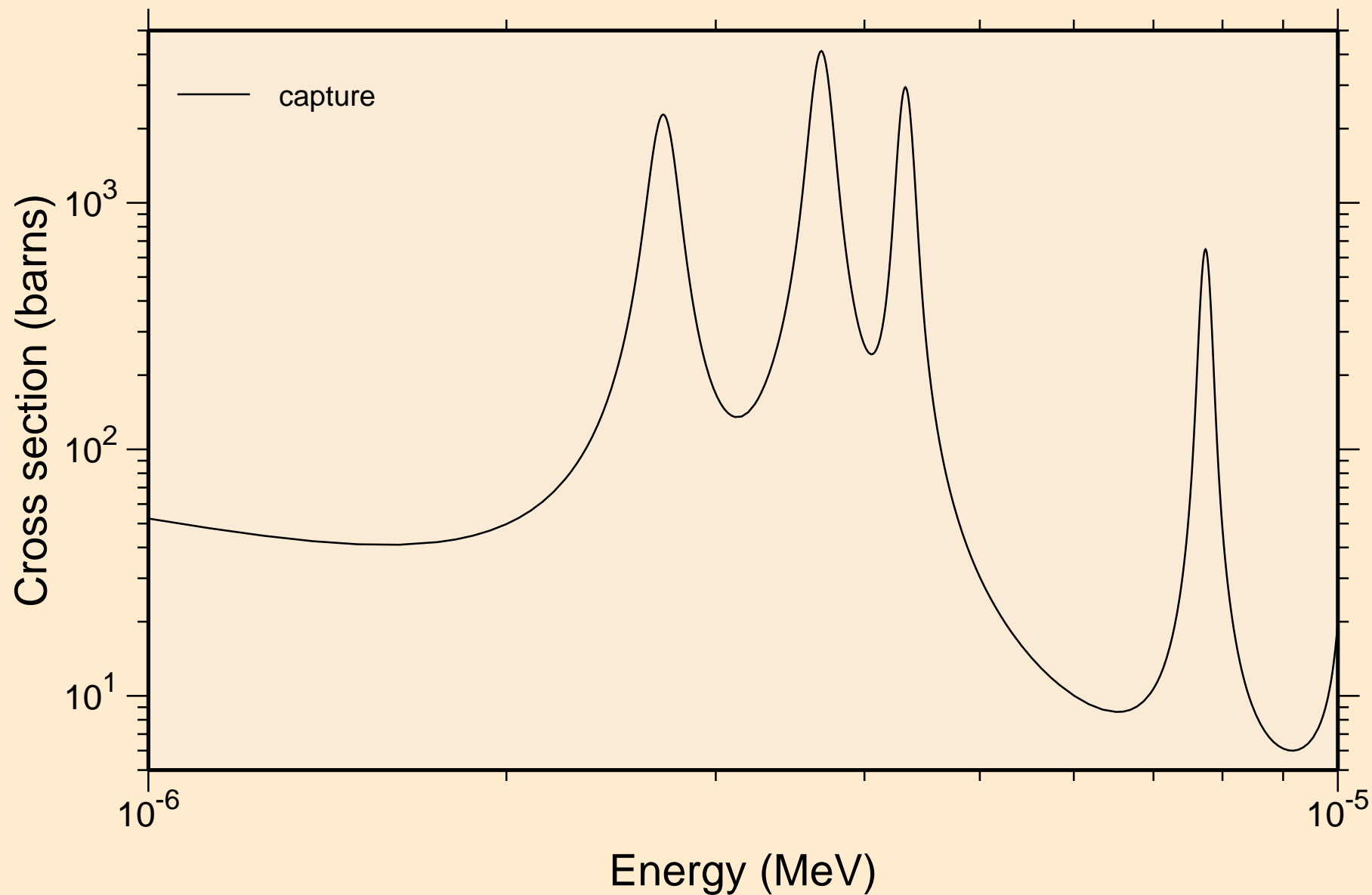
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resonance total cross section



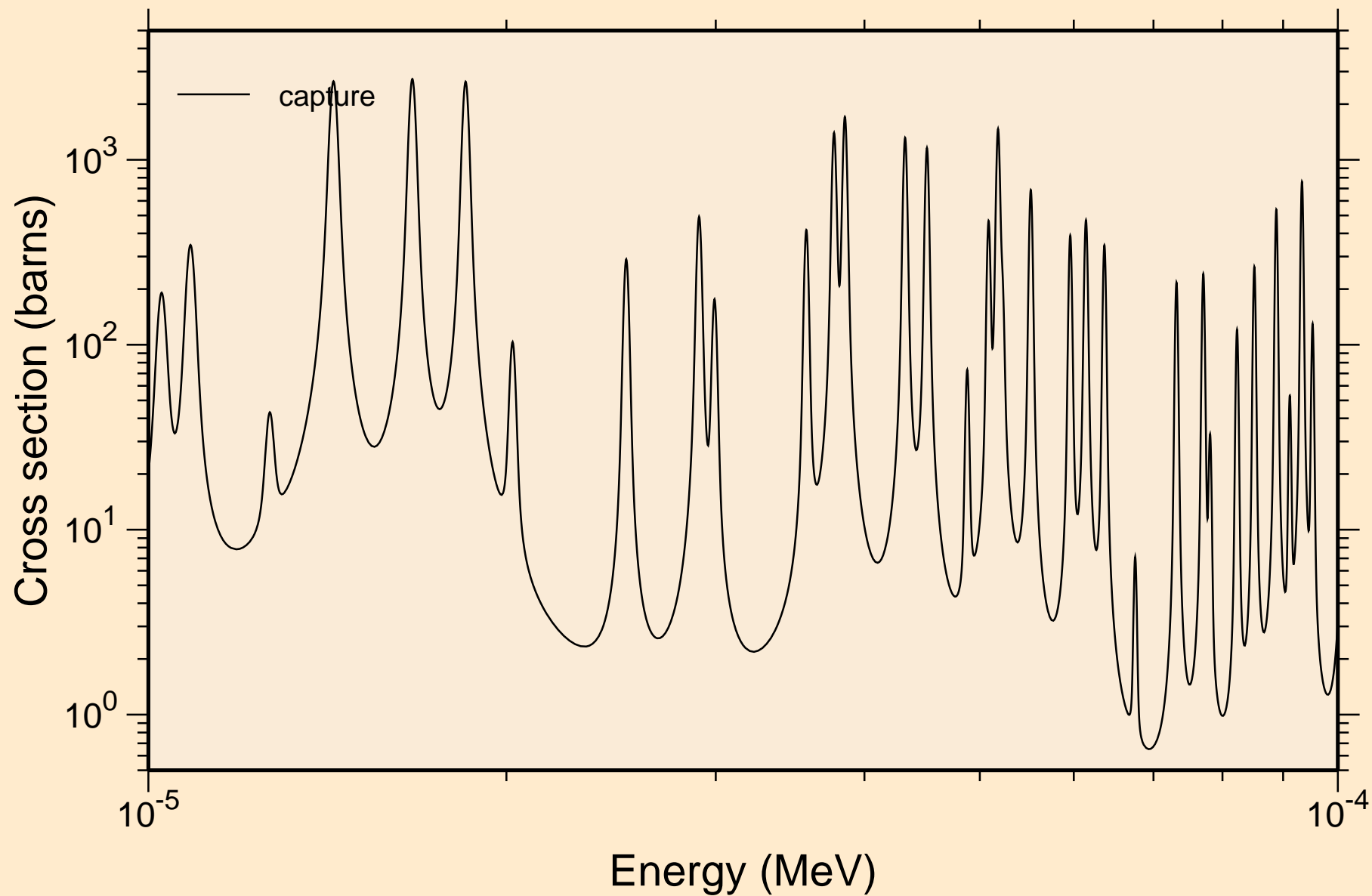
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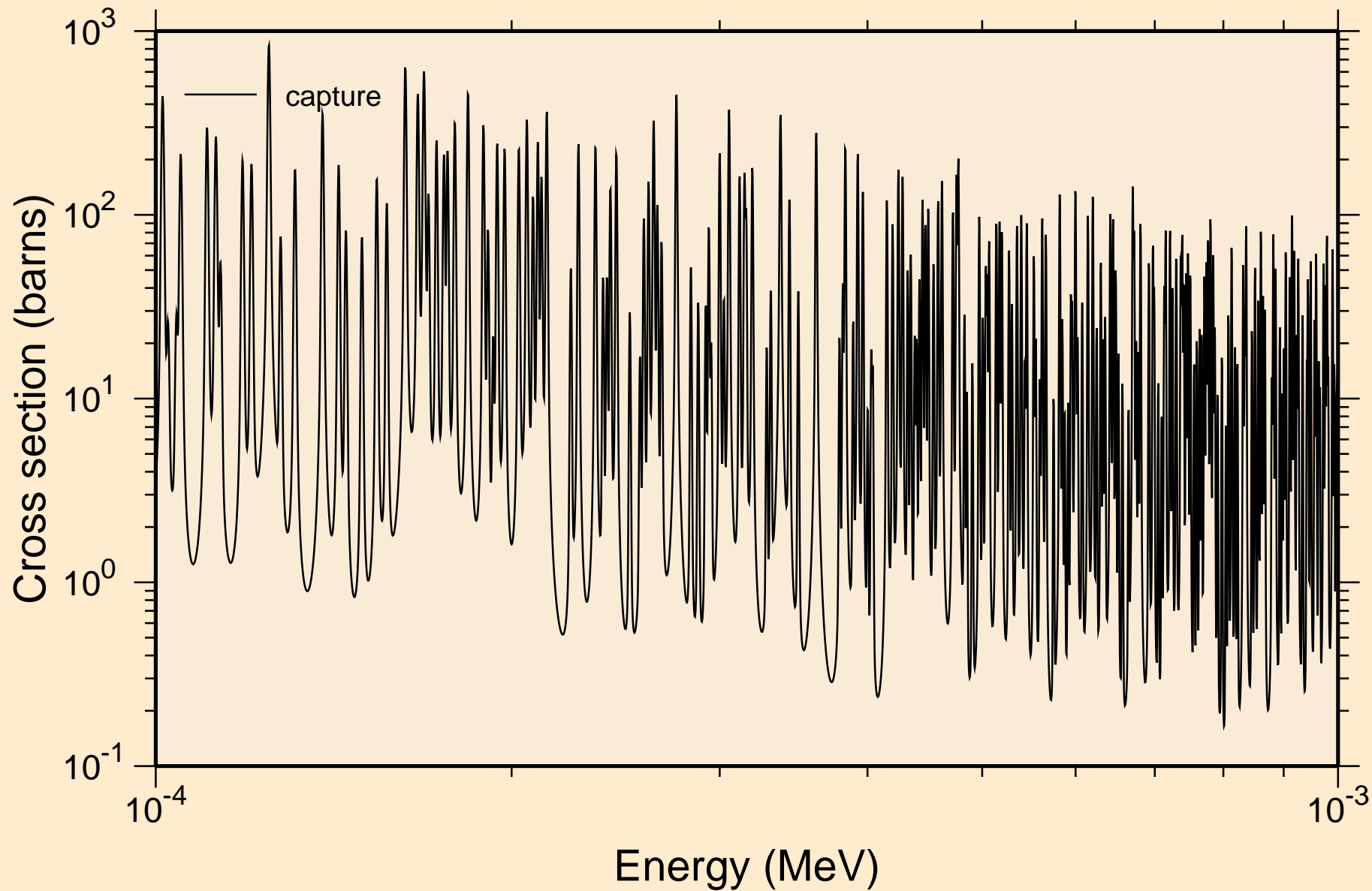
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resonance absorption cross sections



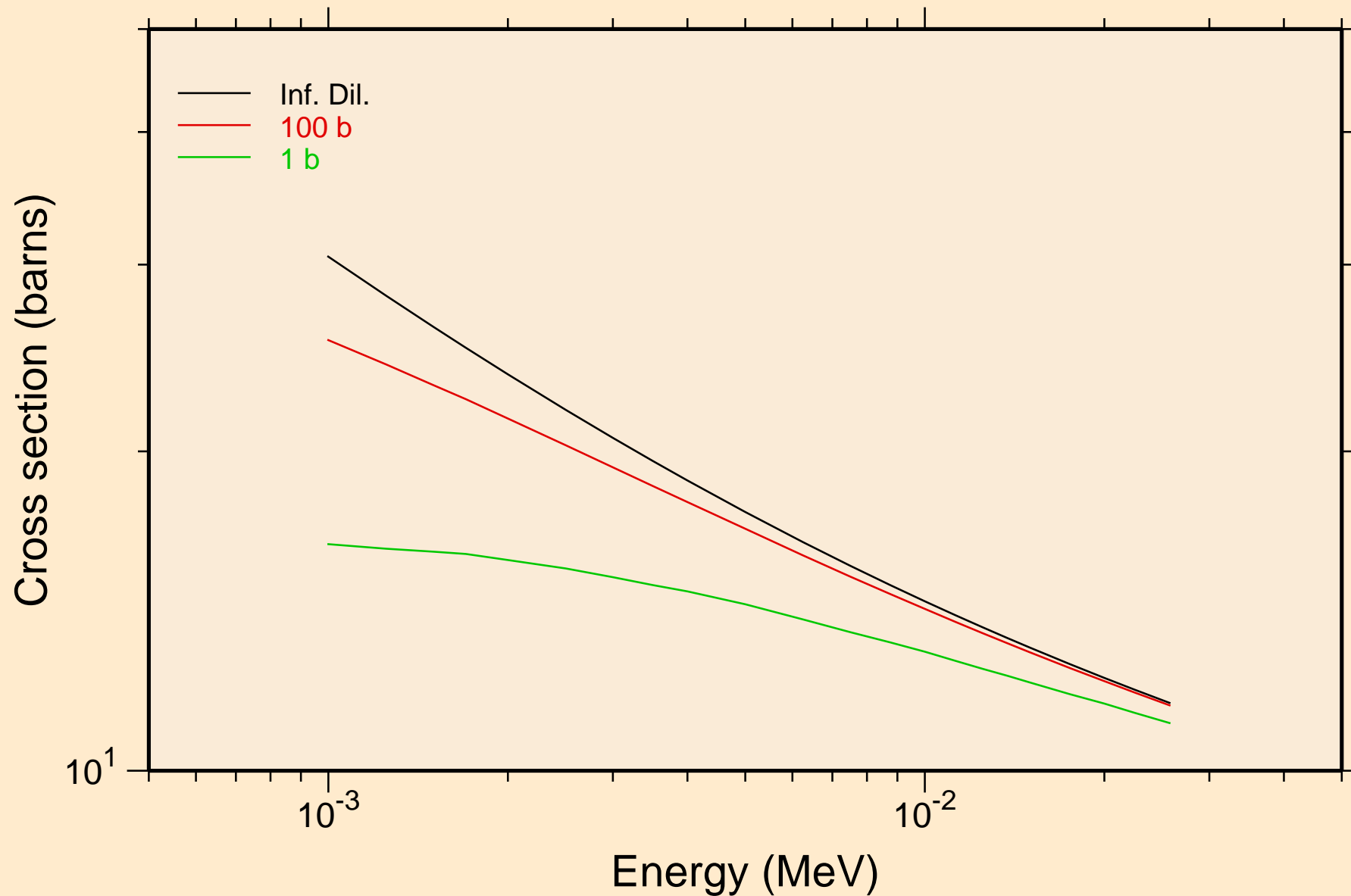
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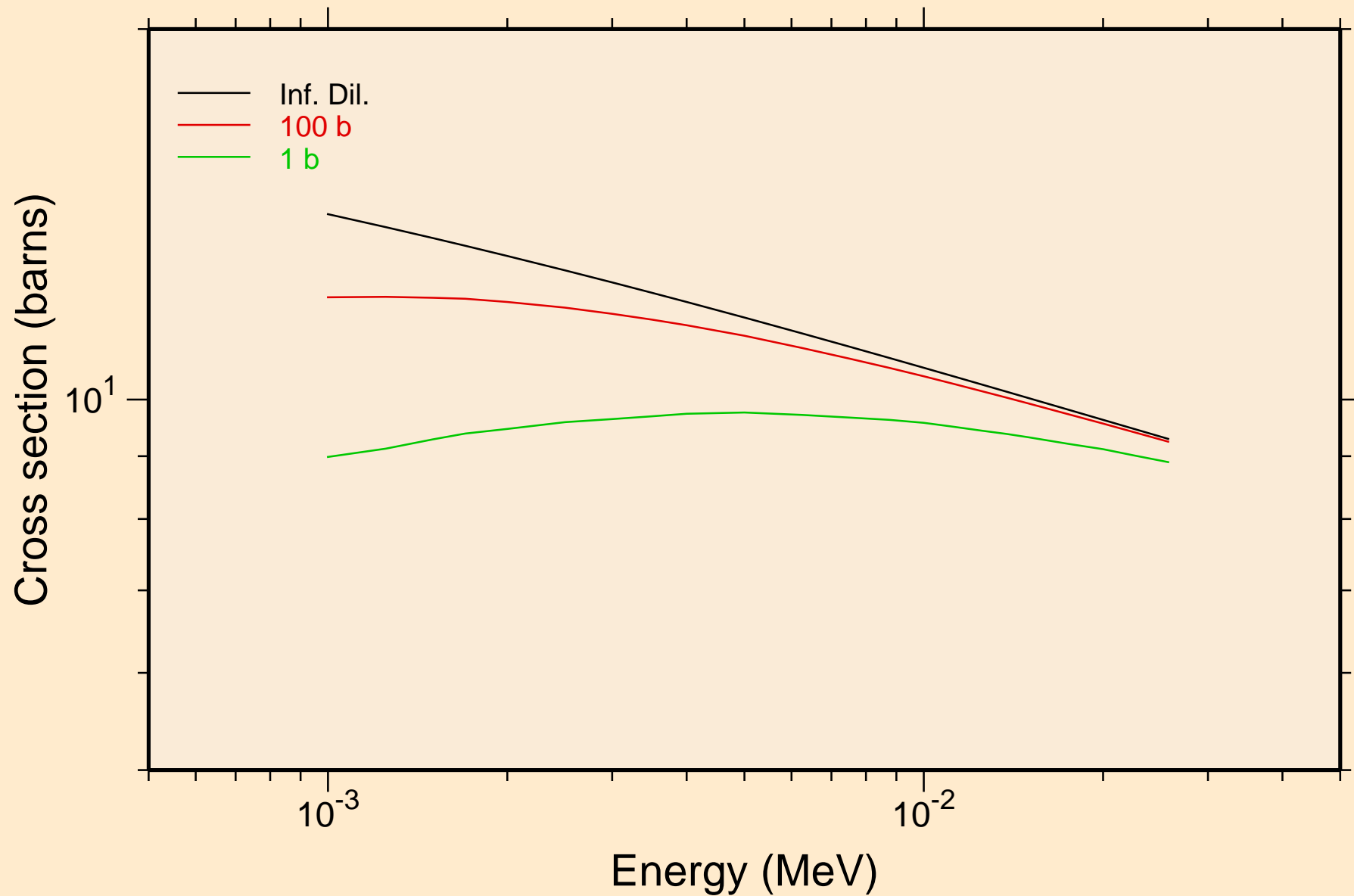
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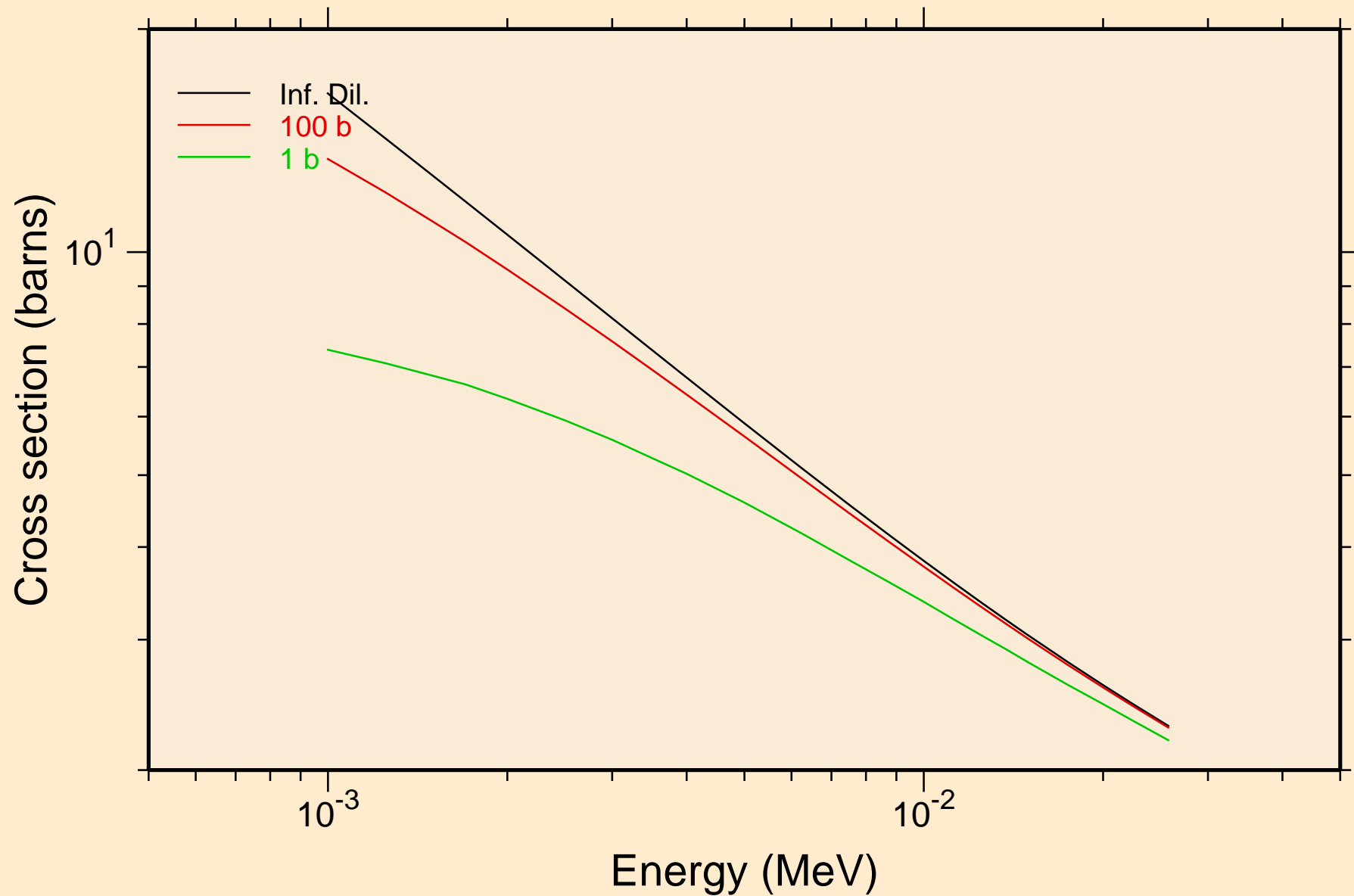
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UR total cross section



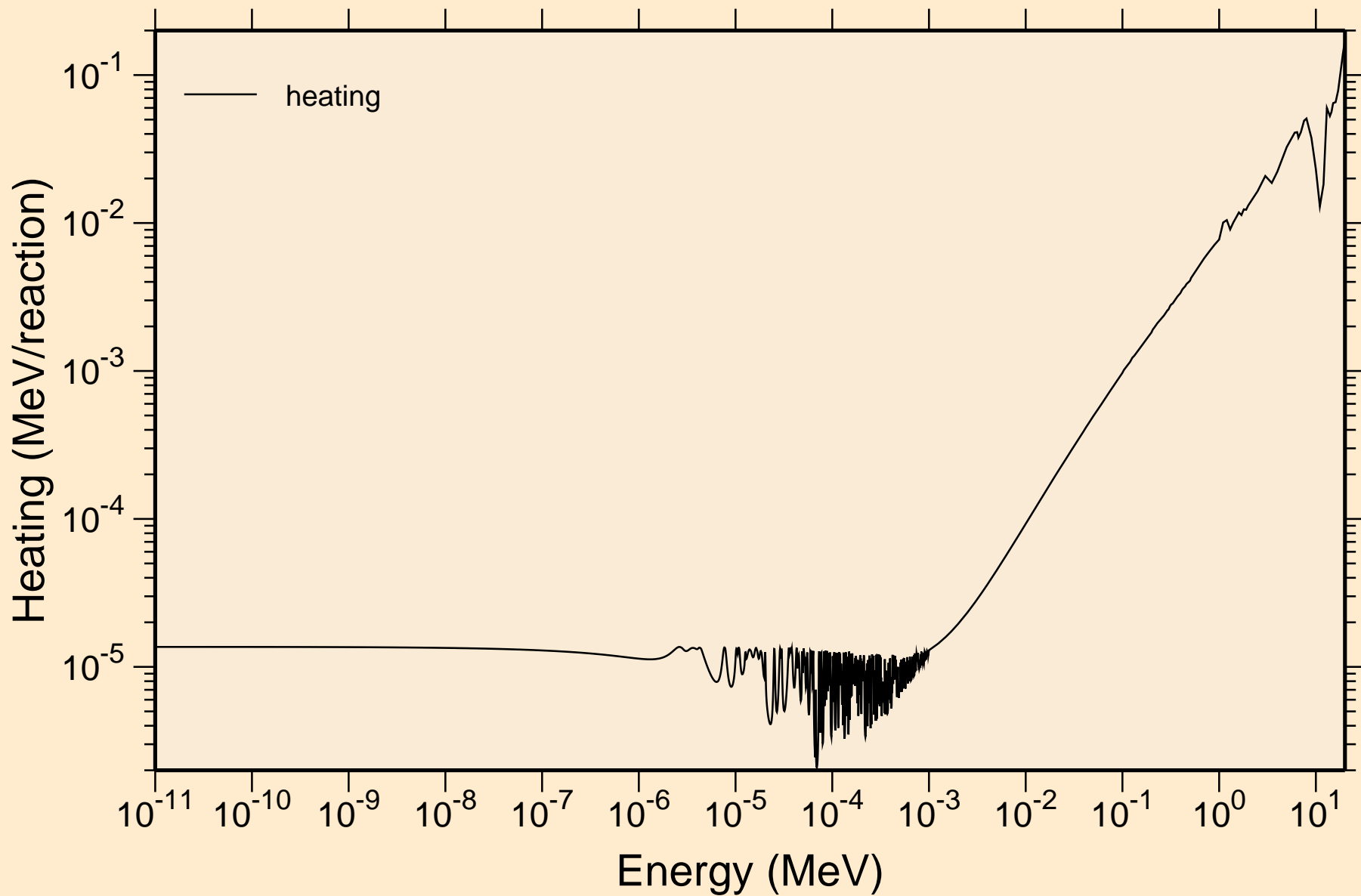
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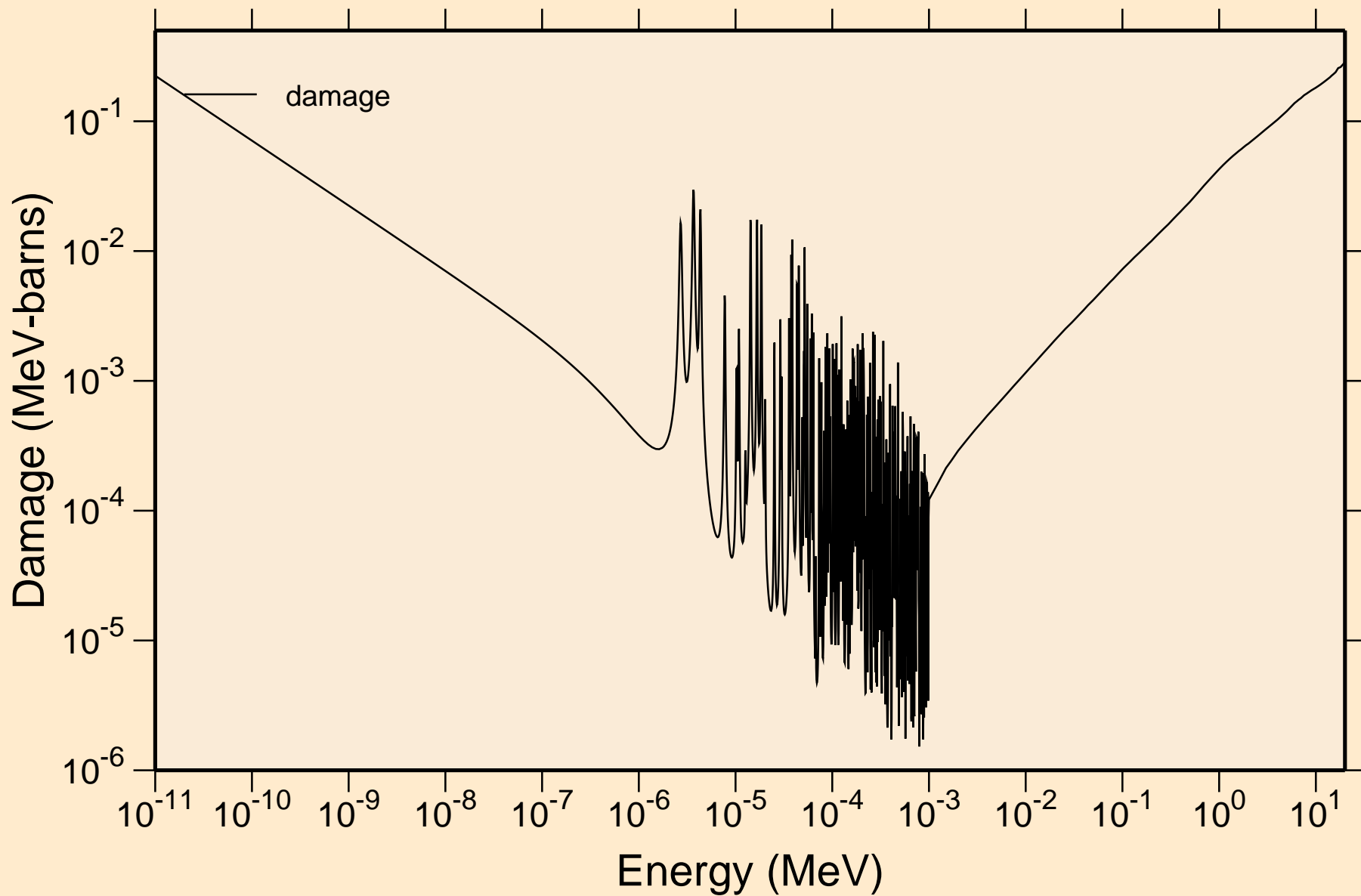
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UR capture cross section



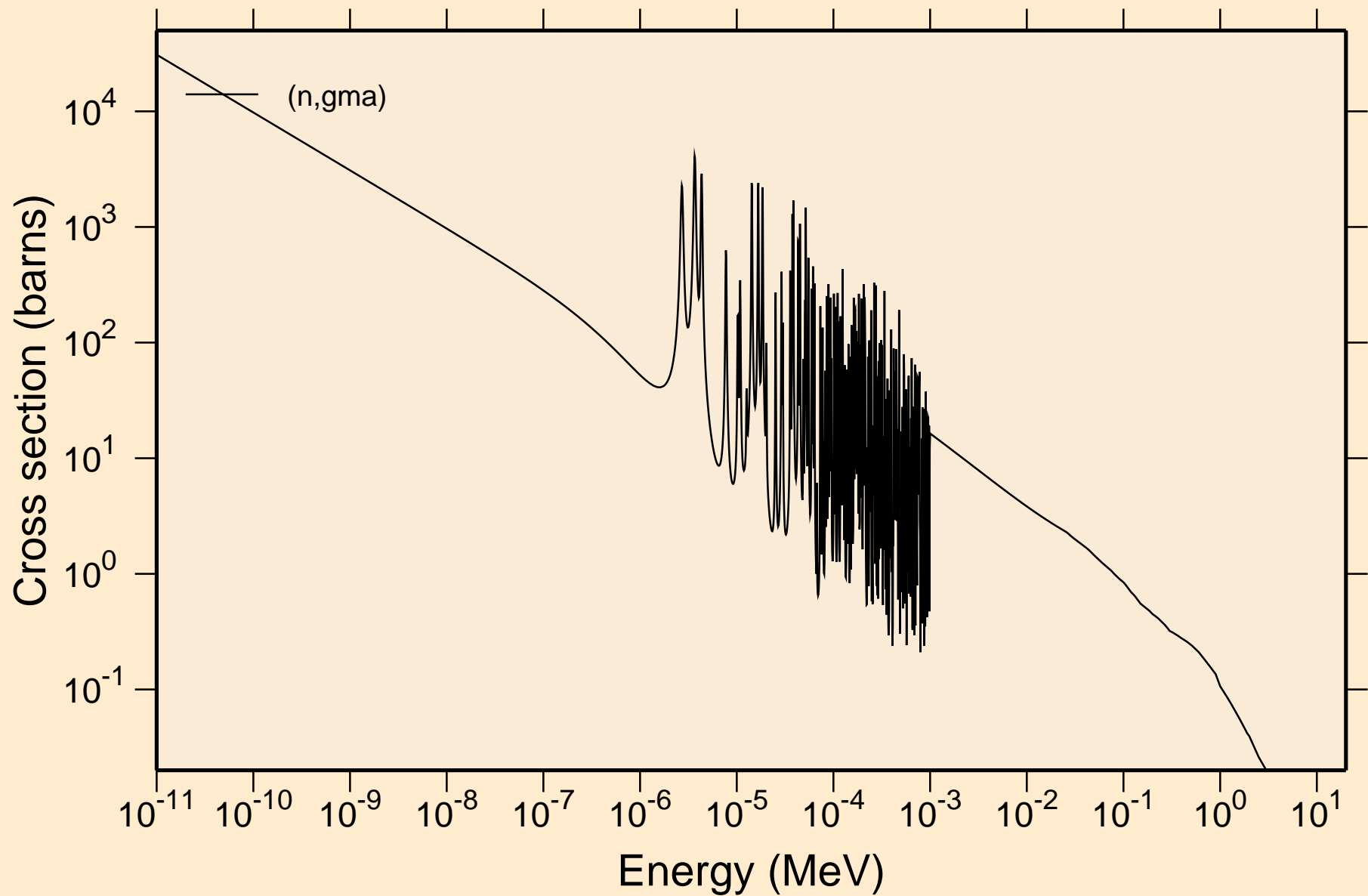
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Heating



MAT=6640 ACE FILE PRODUCED AT NEA WITH NDEC
Damage

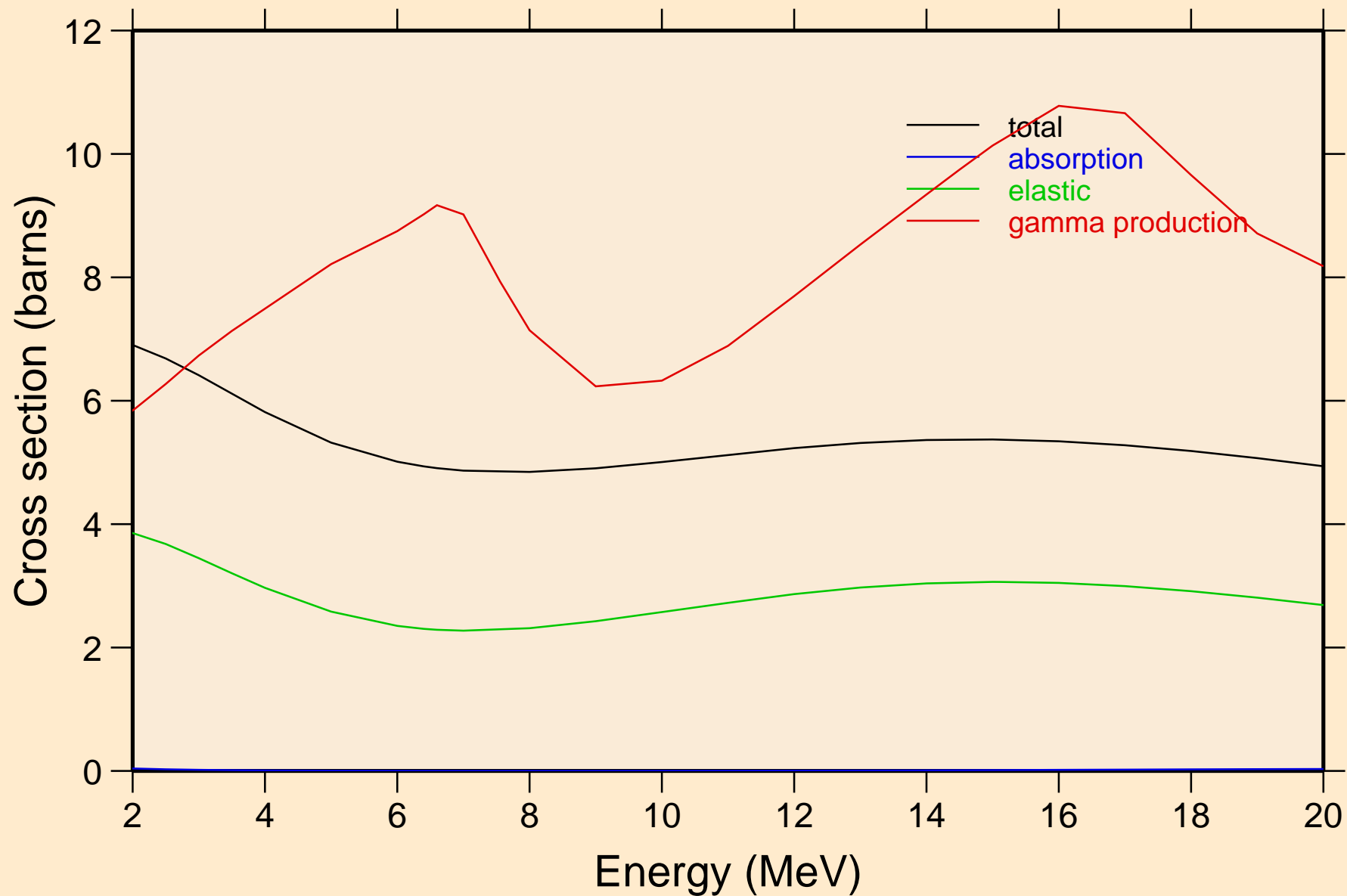


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Non-threshold reactions

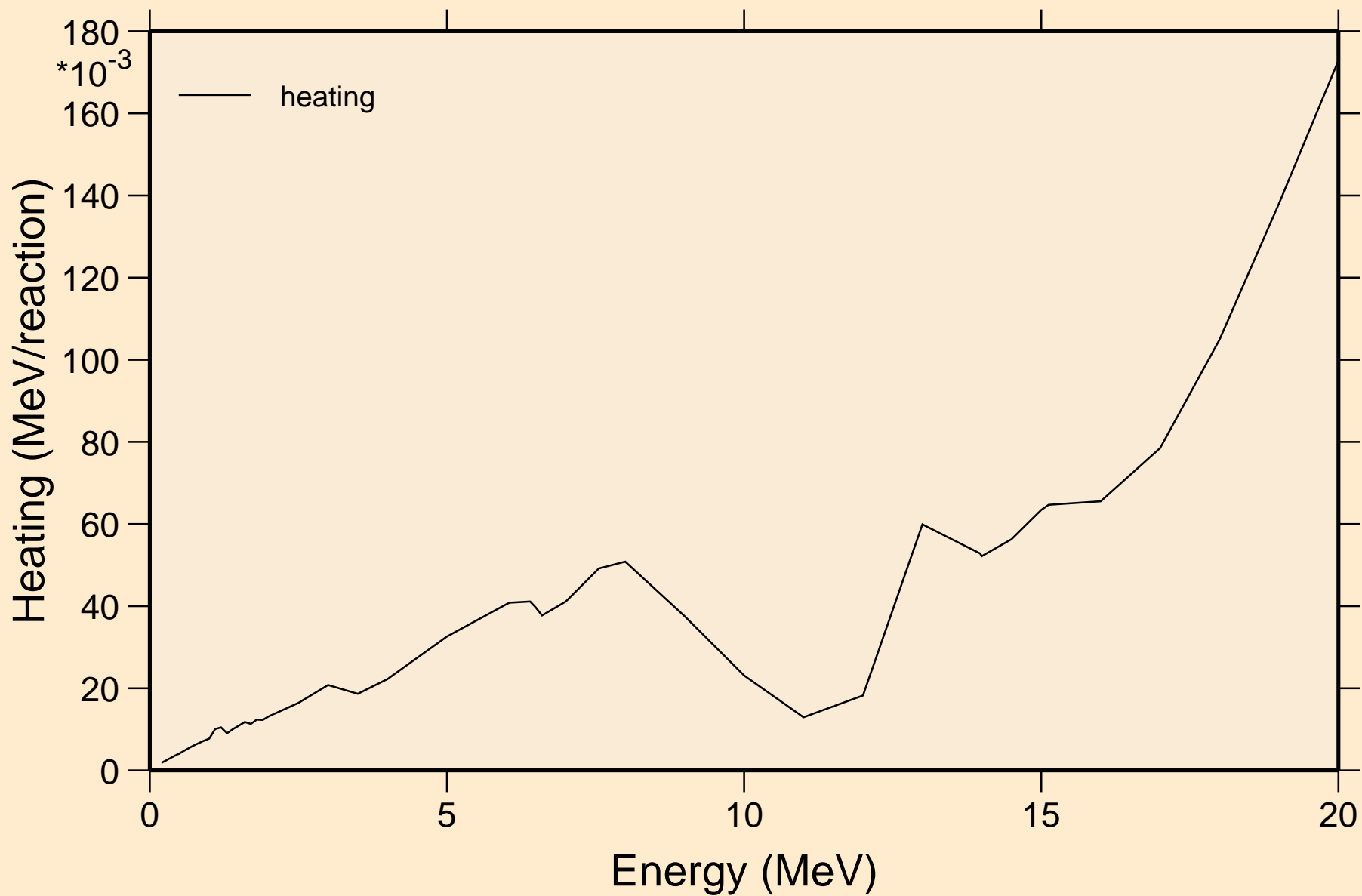


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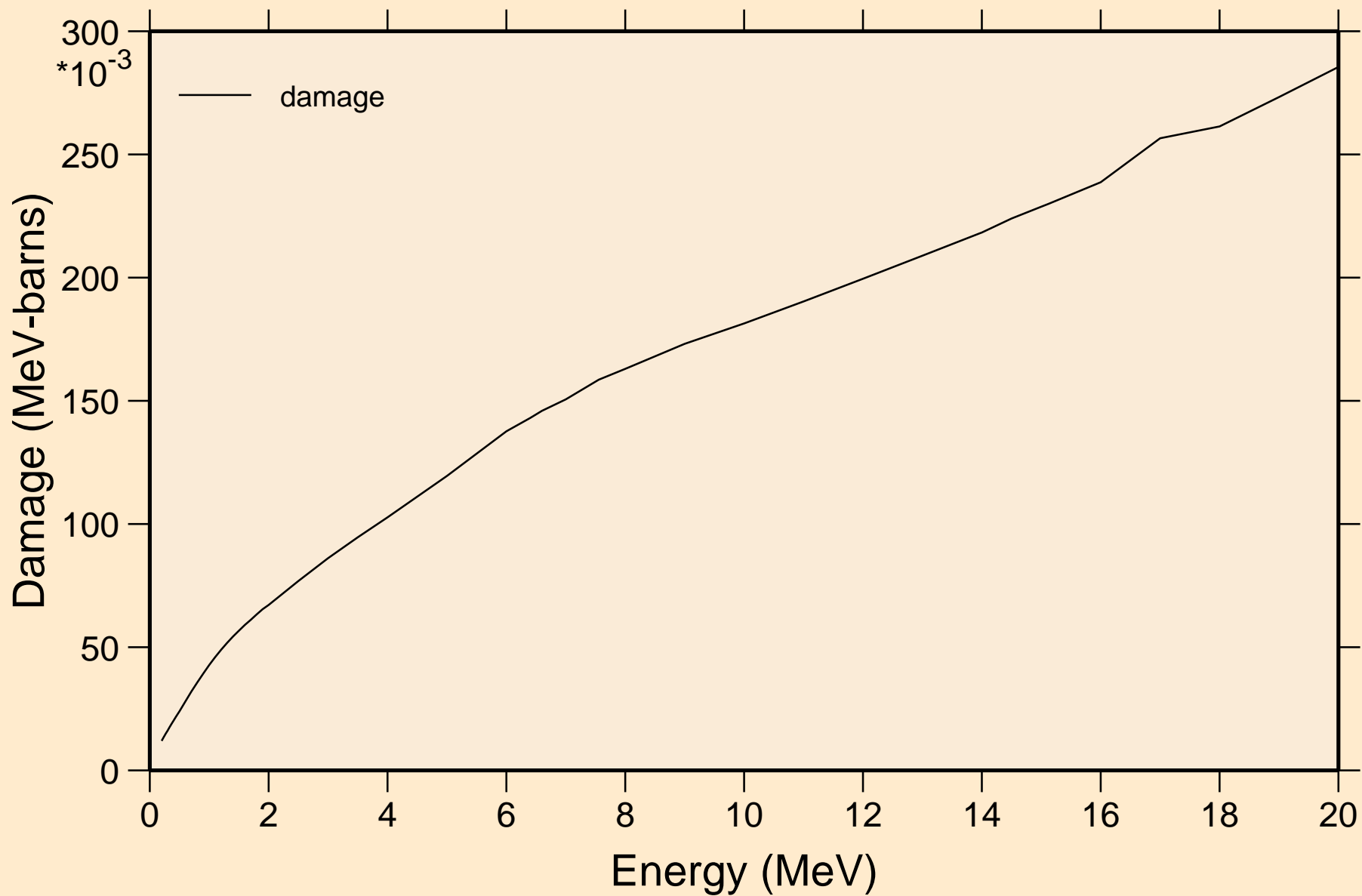
Principal cross sections



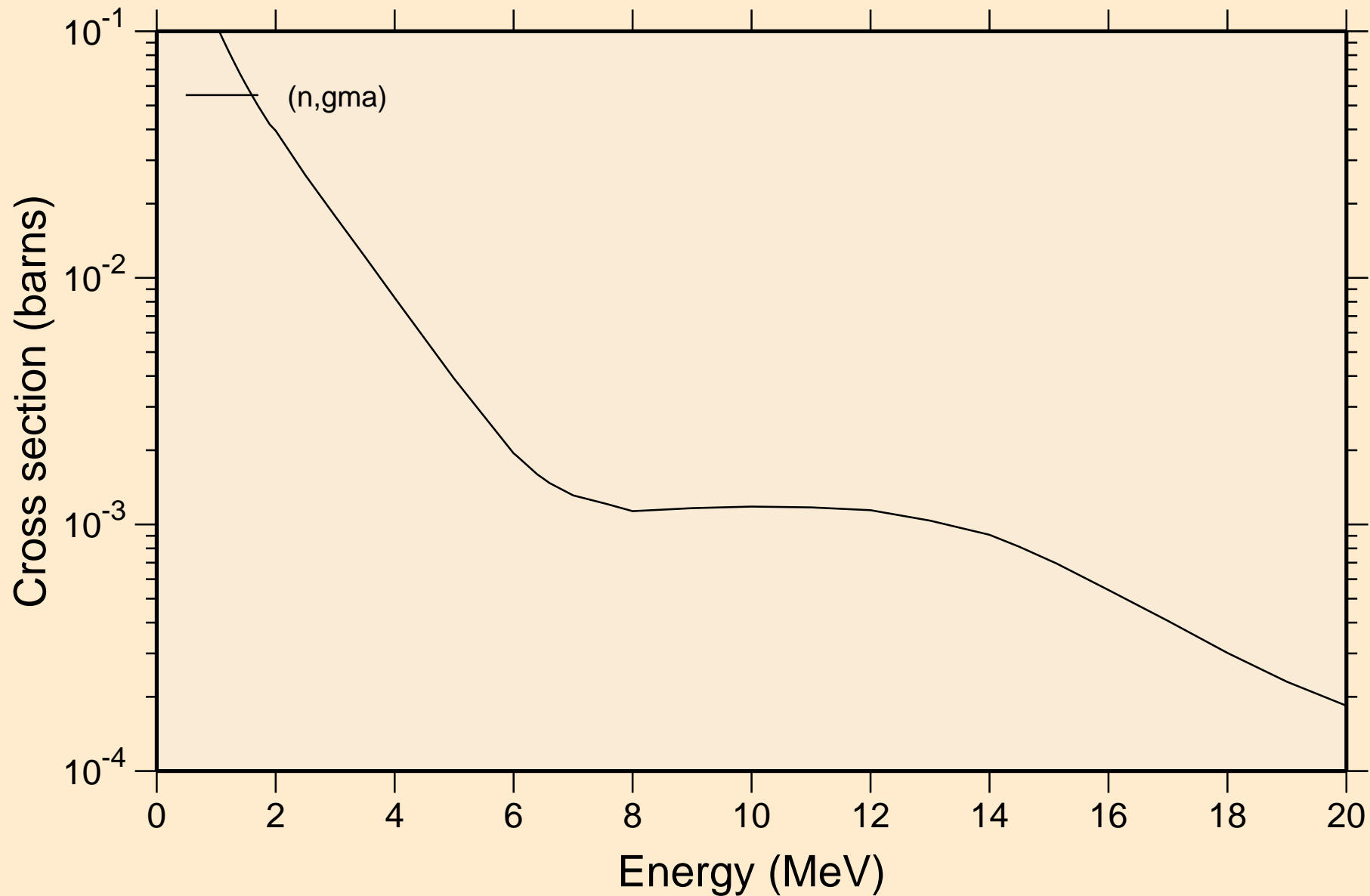
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Heating



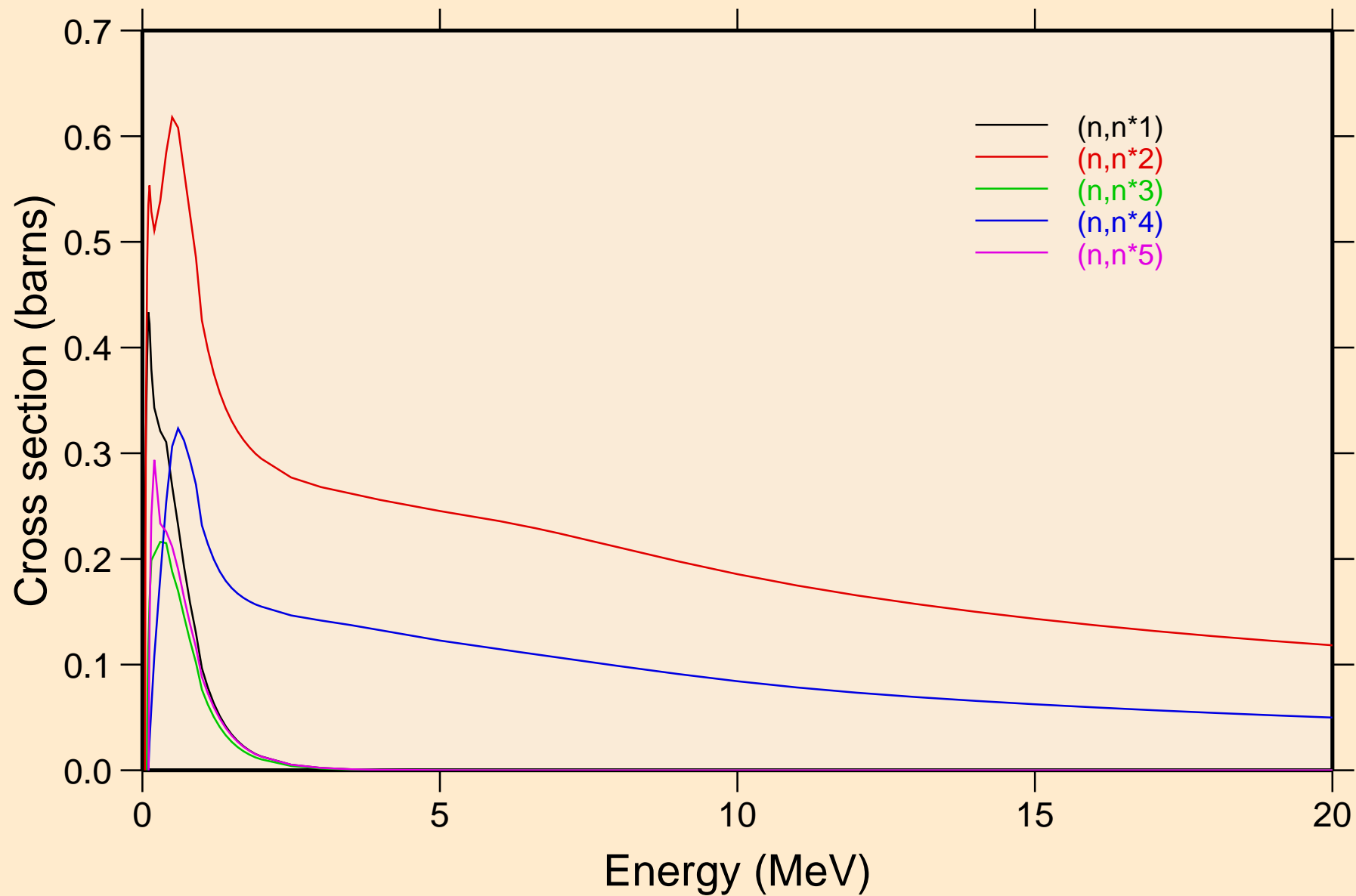
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Damage



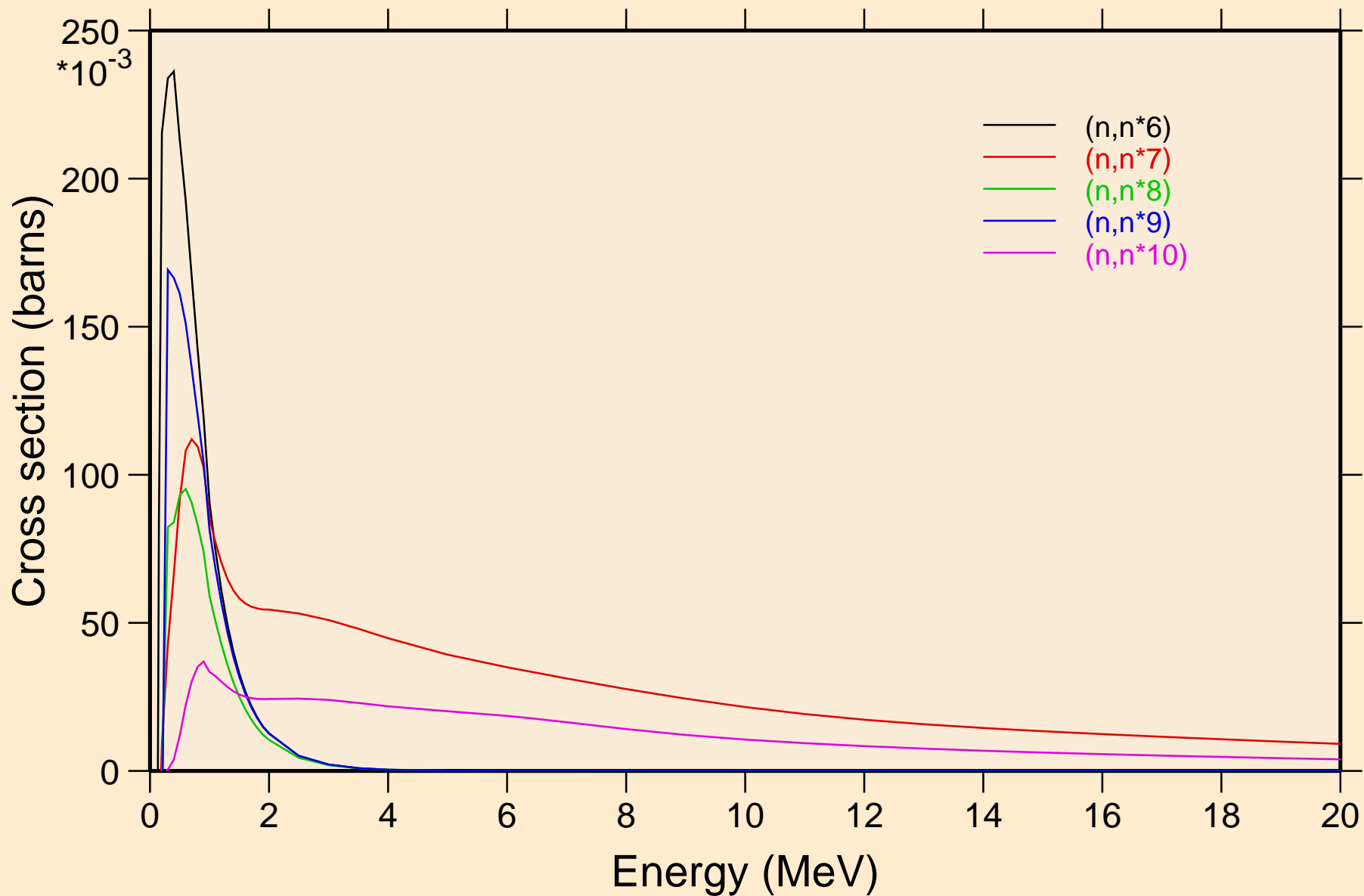
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Non-threshold reactions



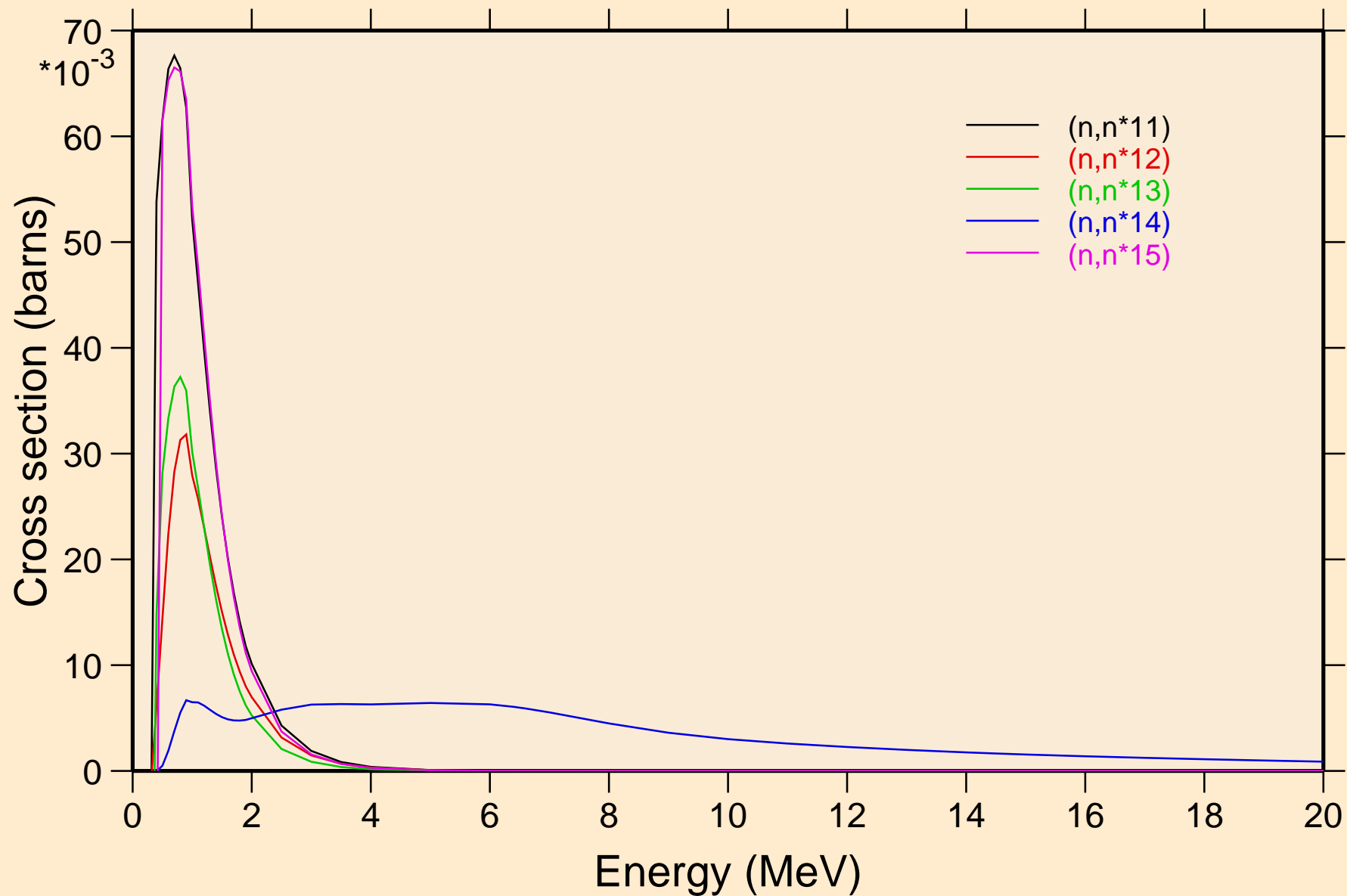
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Inelastic levels



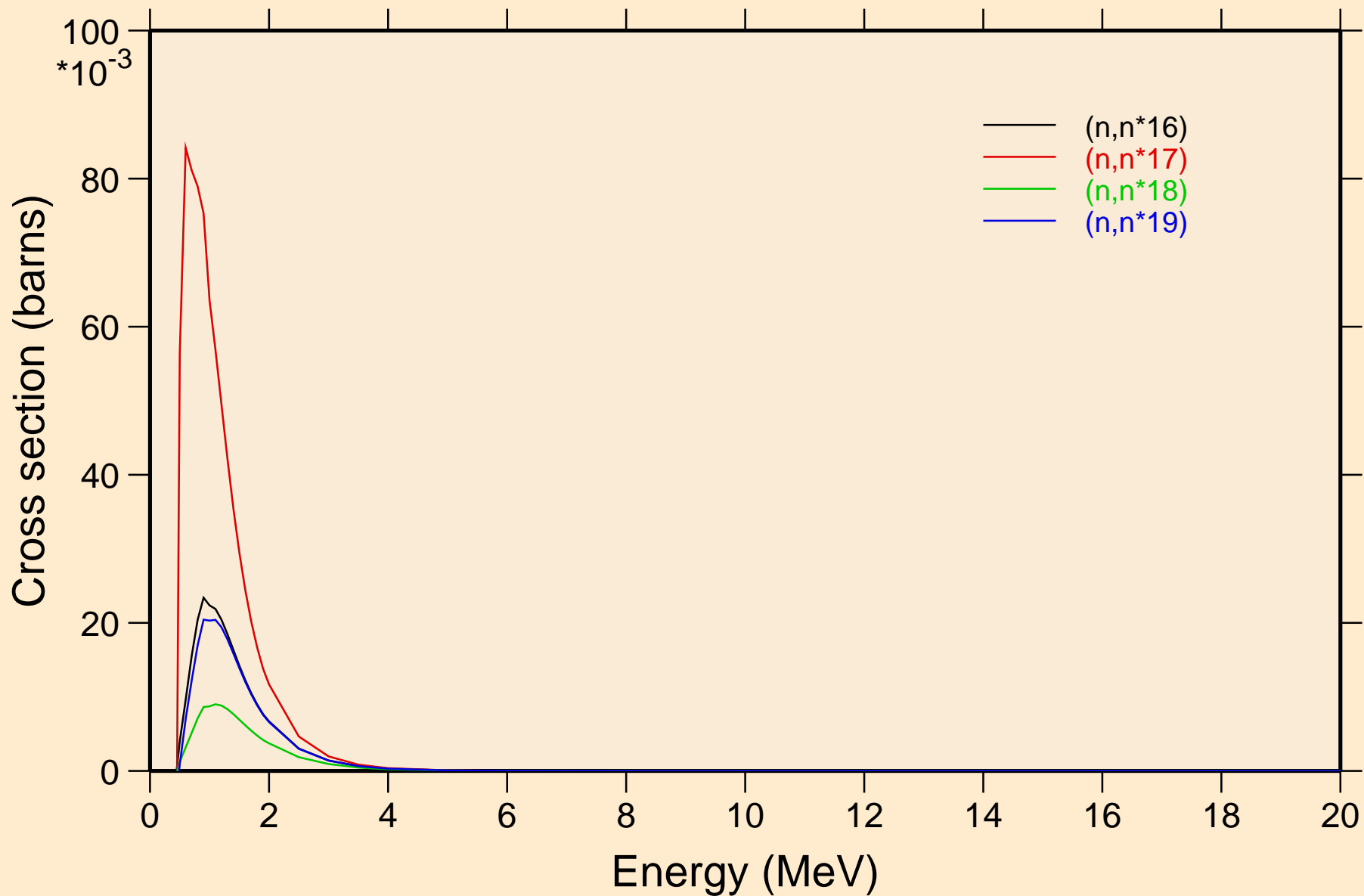
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Inelastic levels



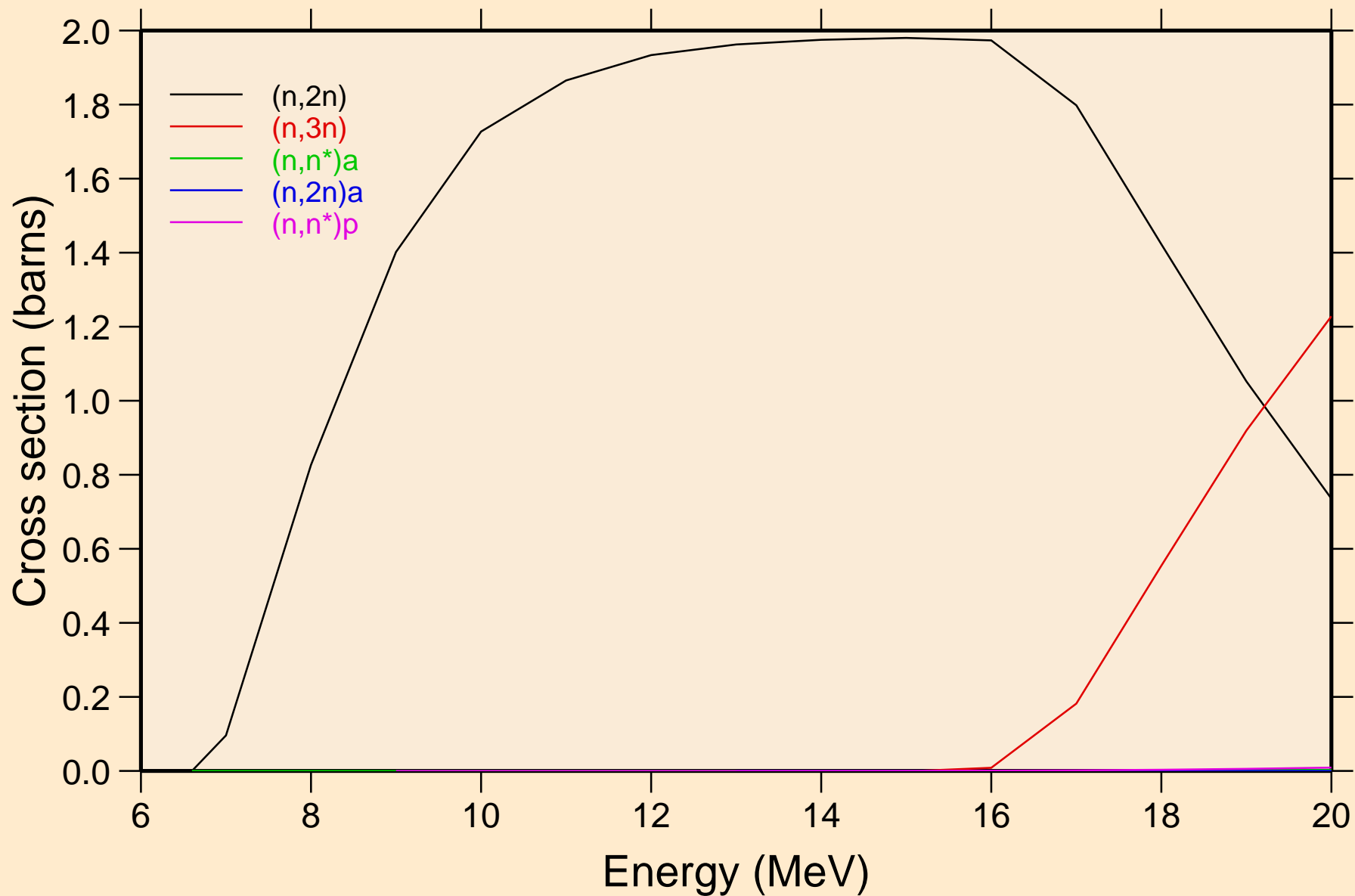
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Inelastic levels



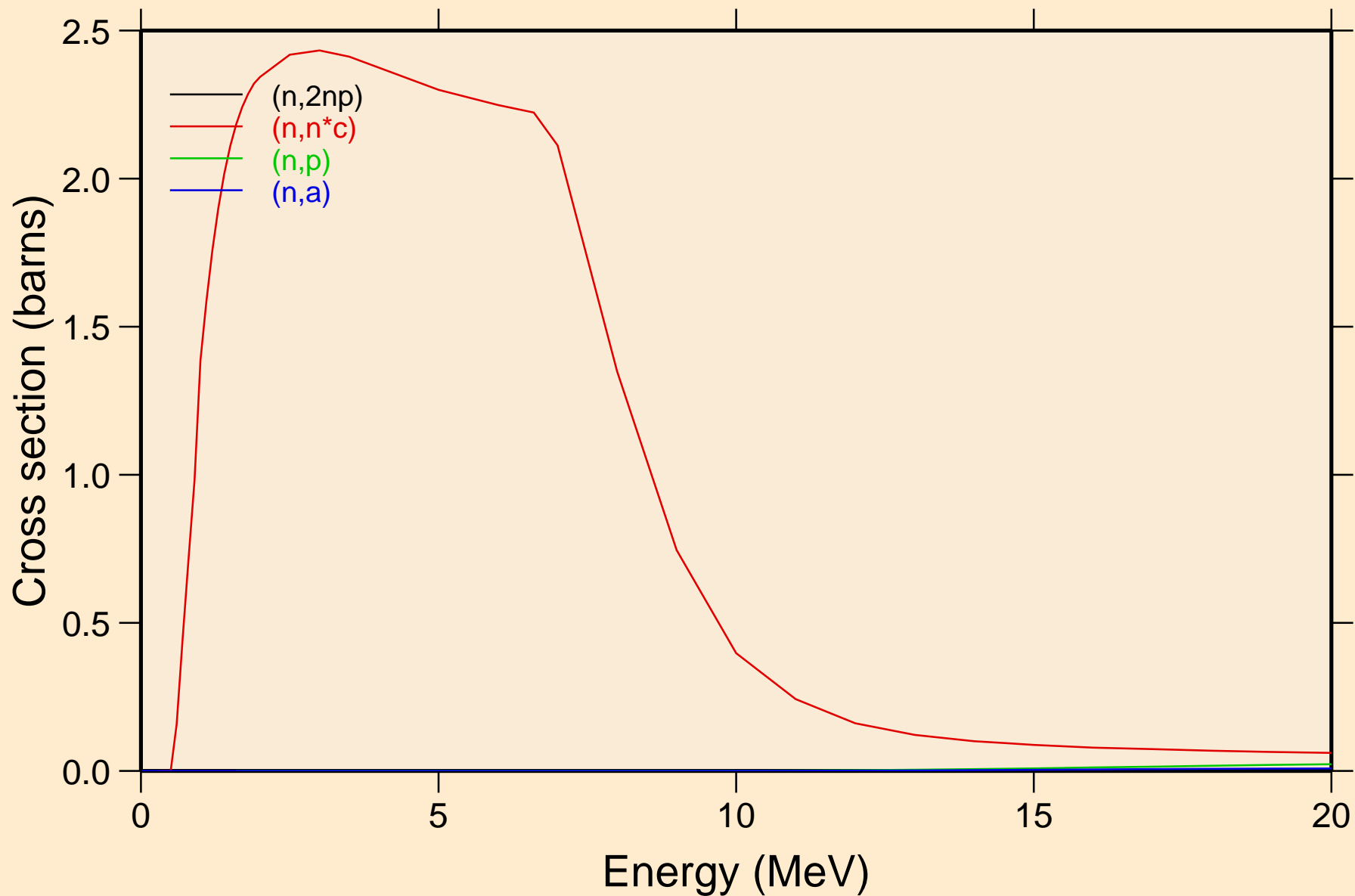
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Inelastic levels



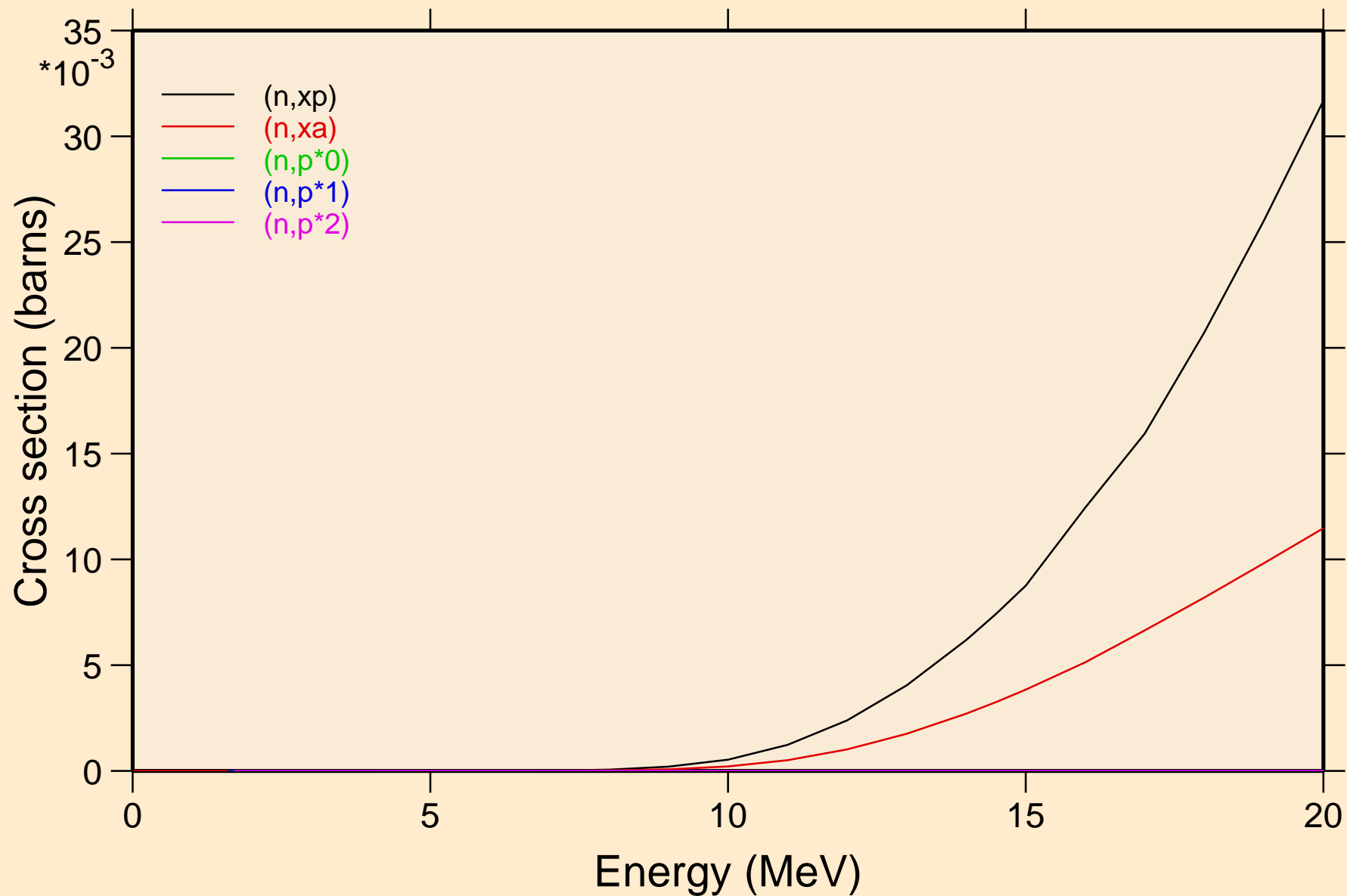
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Threshold reactions



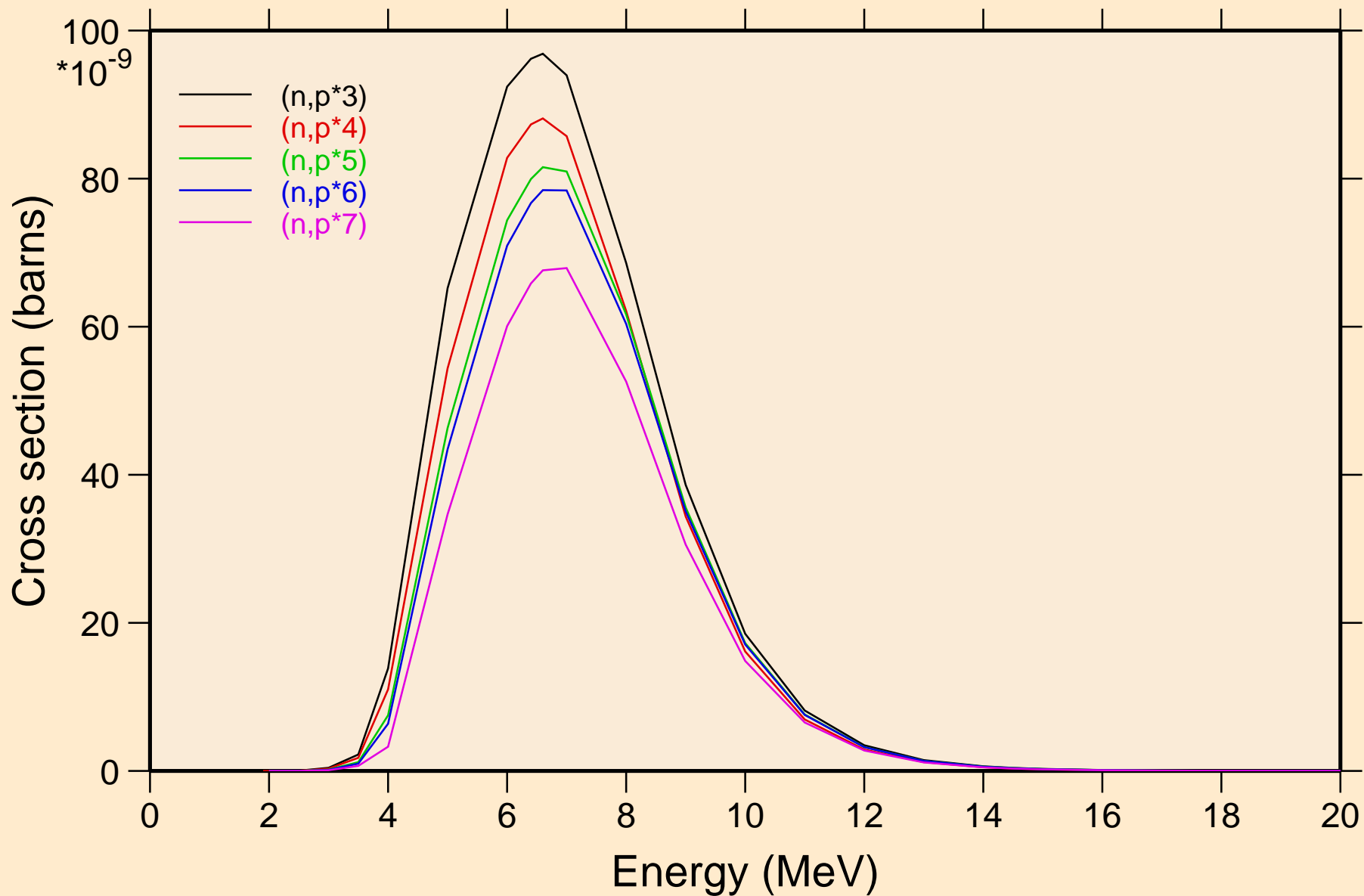
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Threshold reactions



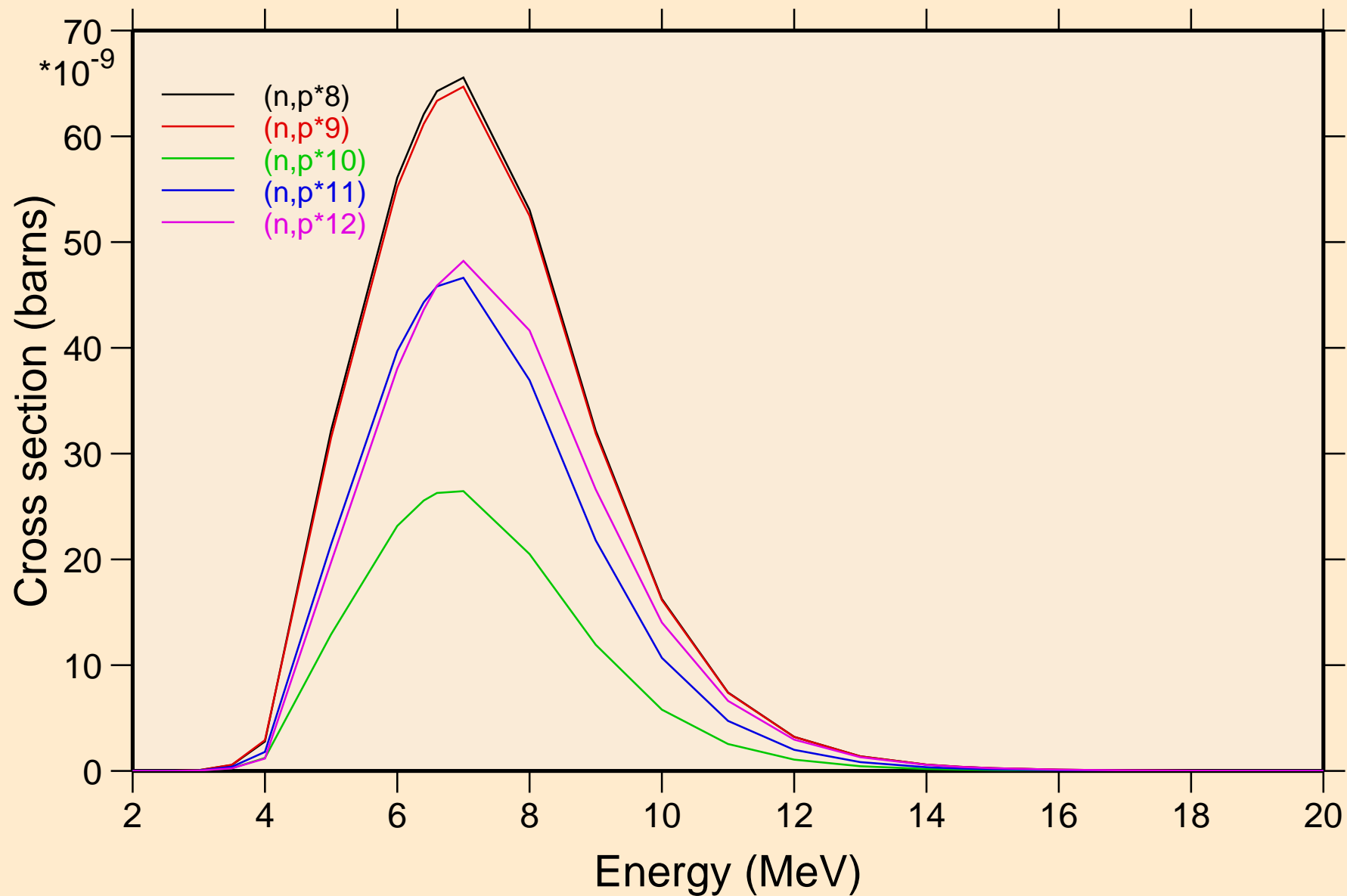
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Threshold reactions



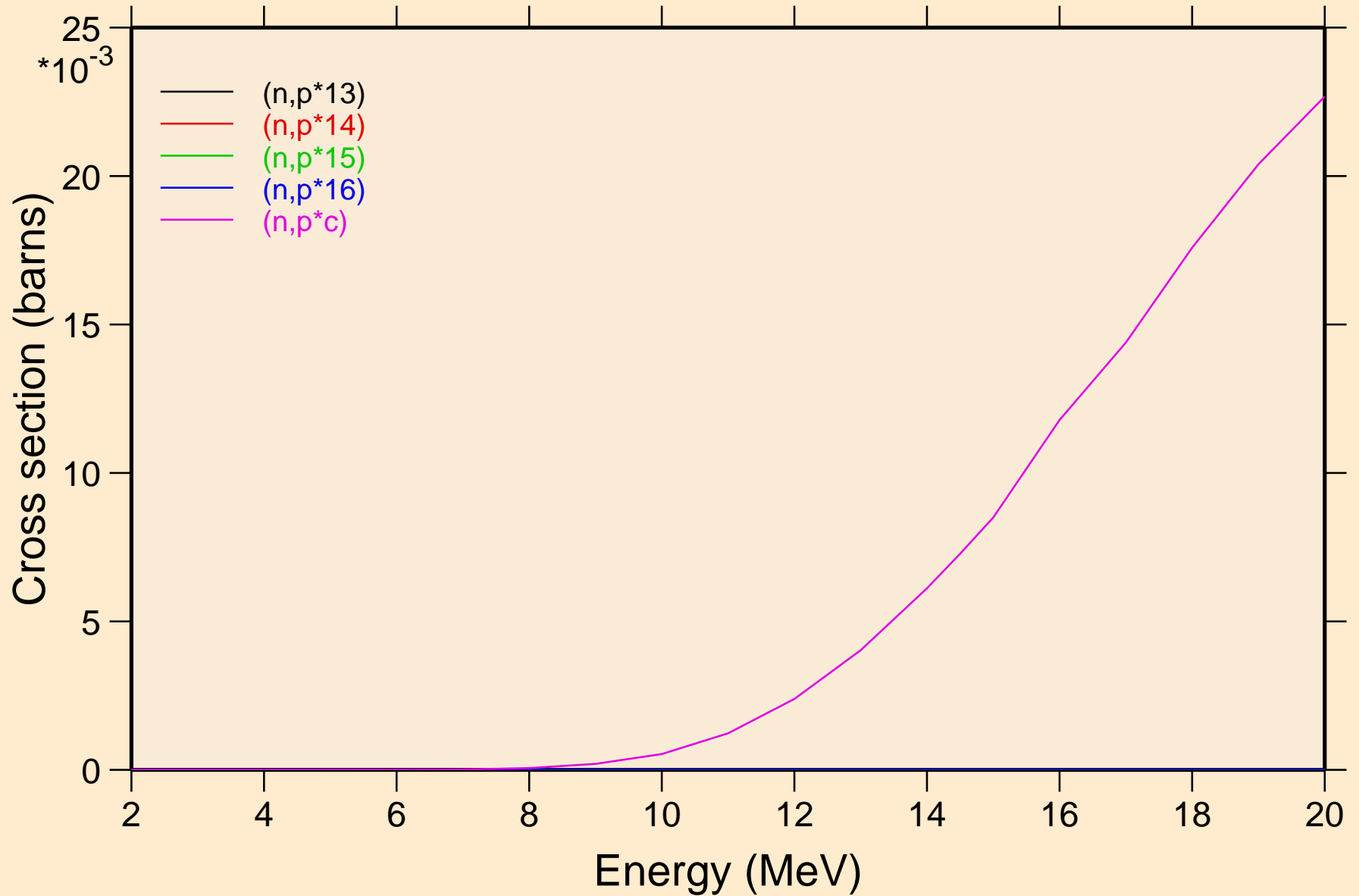
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Threshold reactions



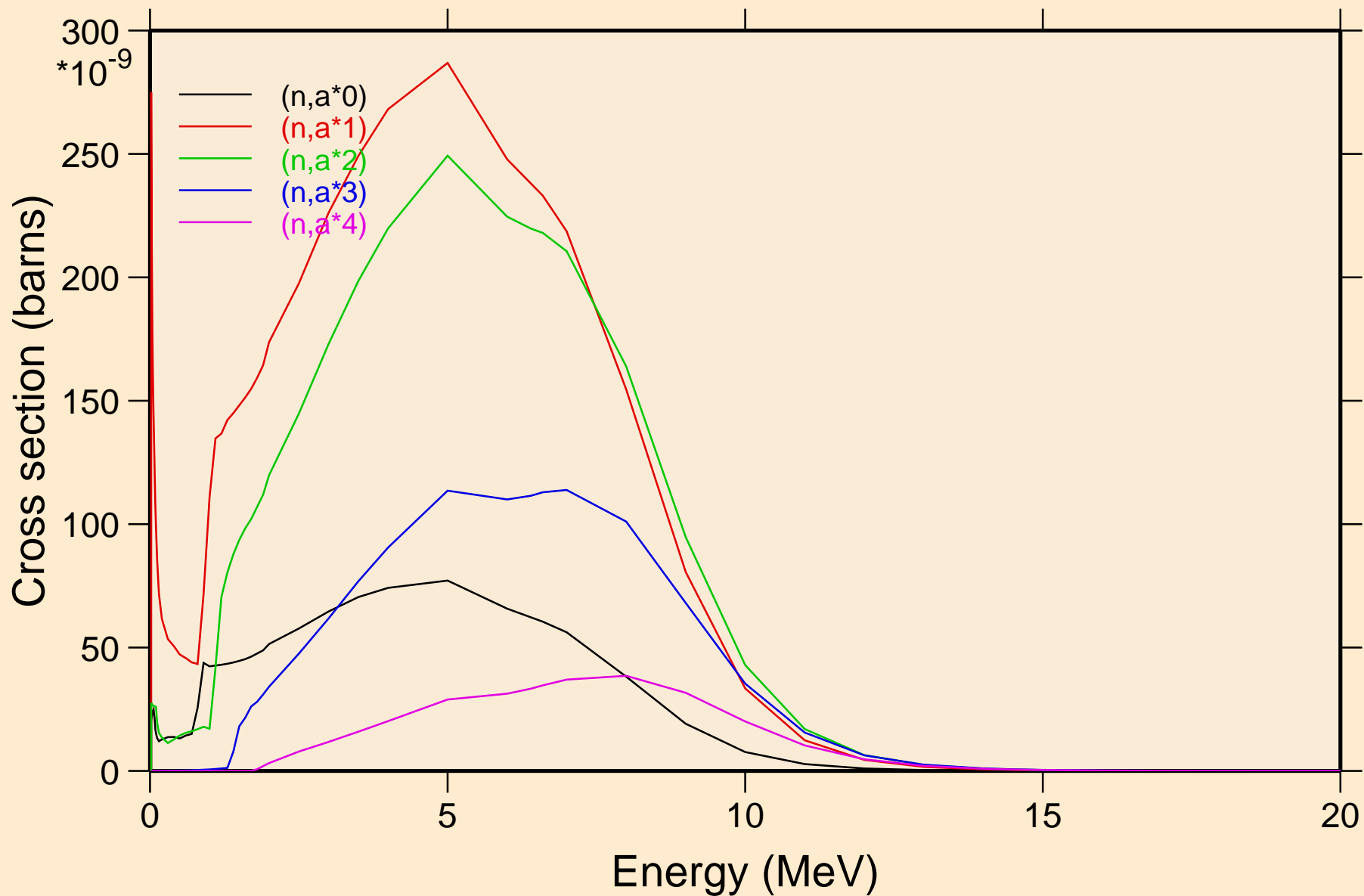
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Threshold reactions



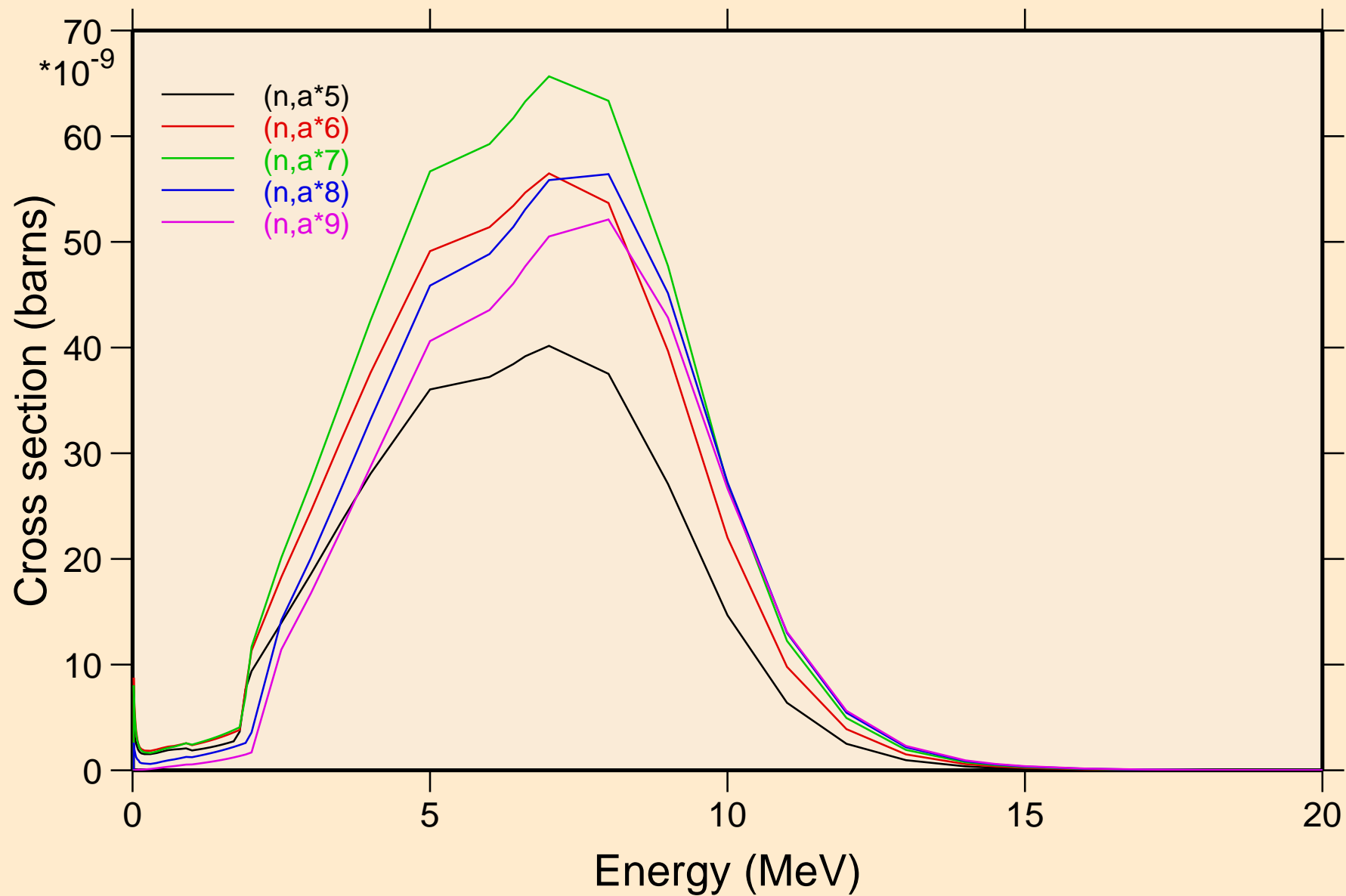
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Threshold reactions



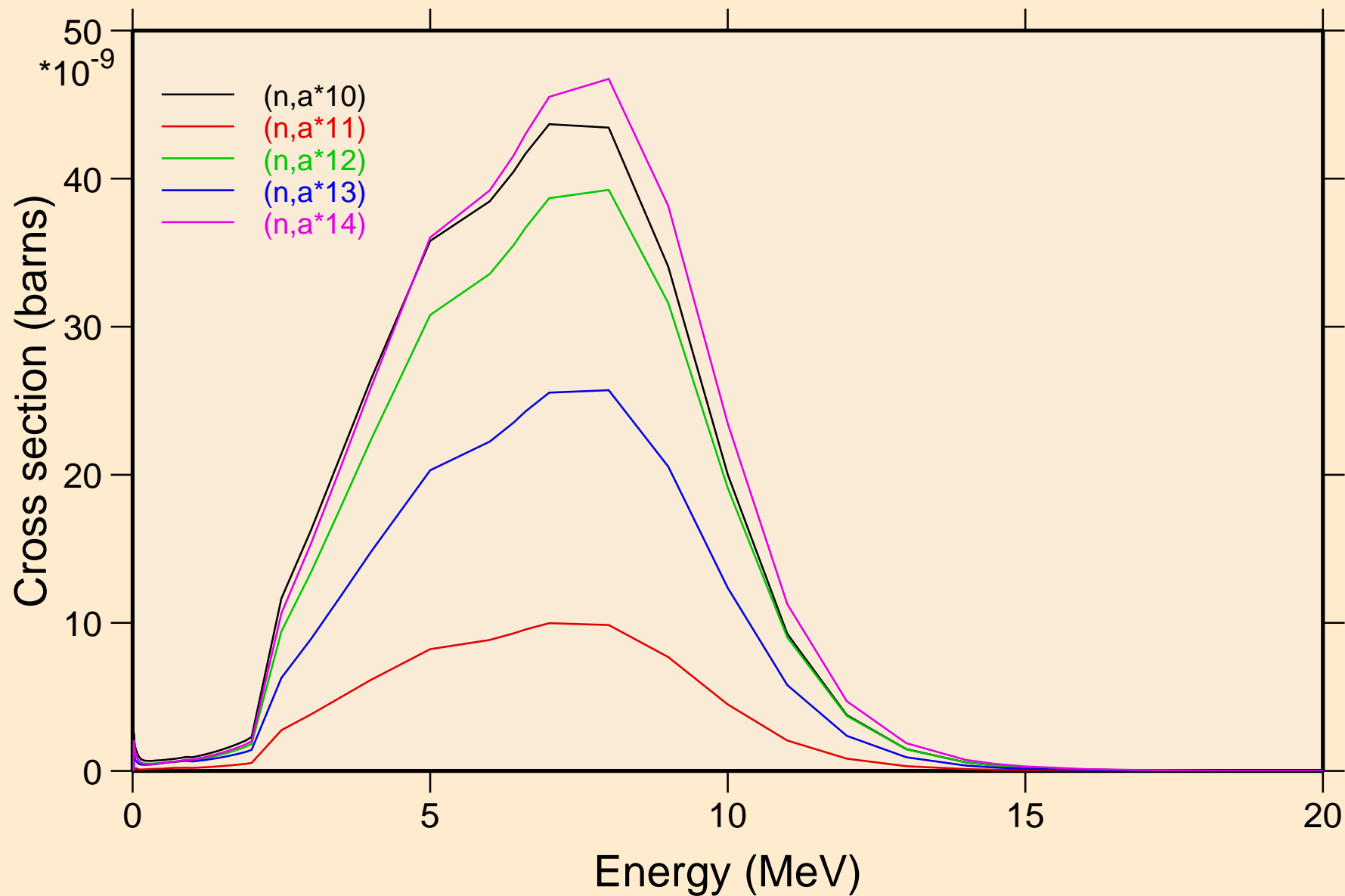
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Threshold reactions



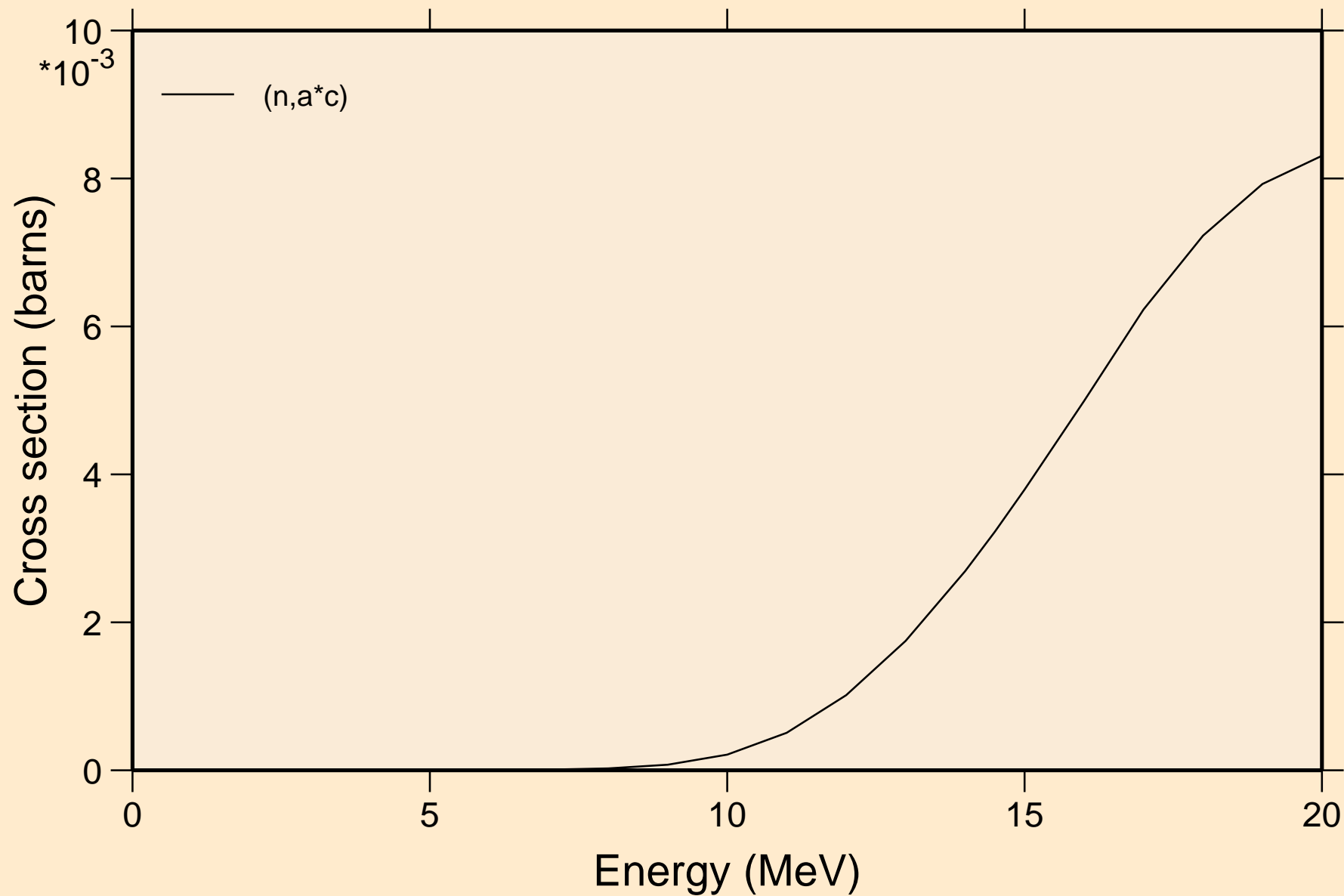
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Threshold reactions



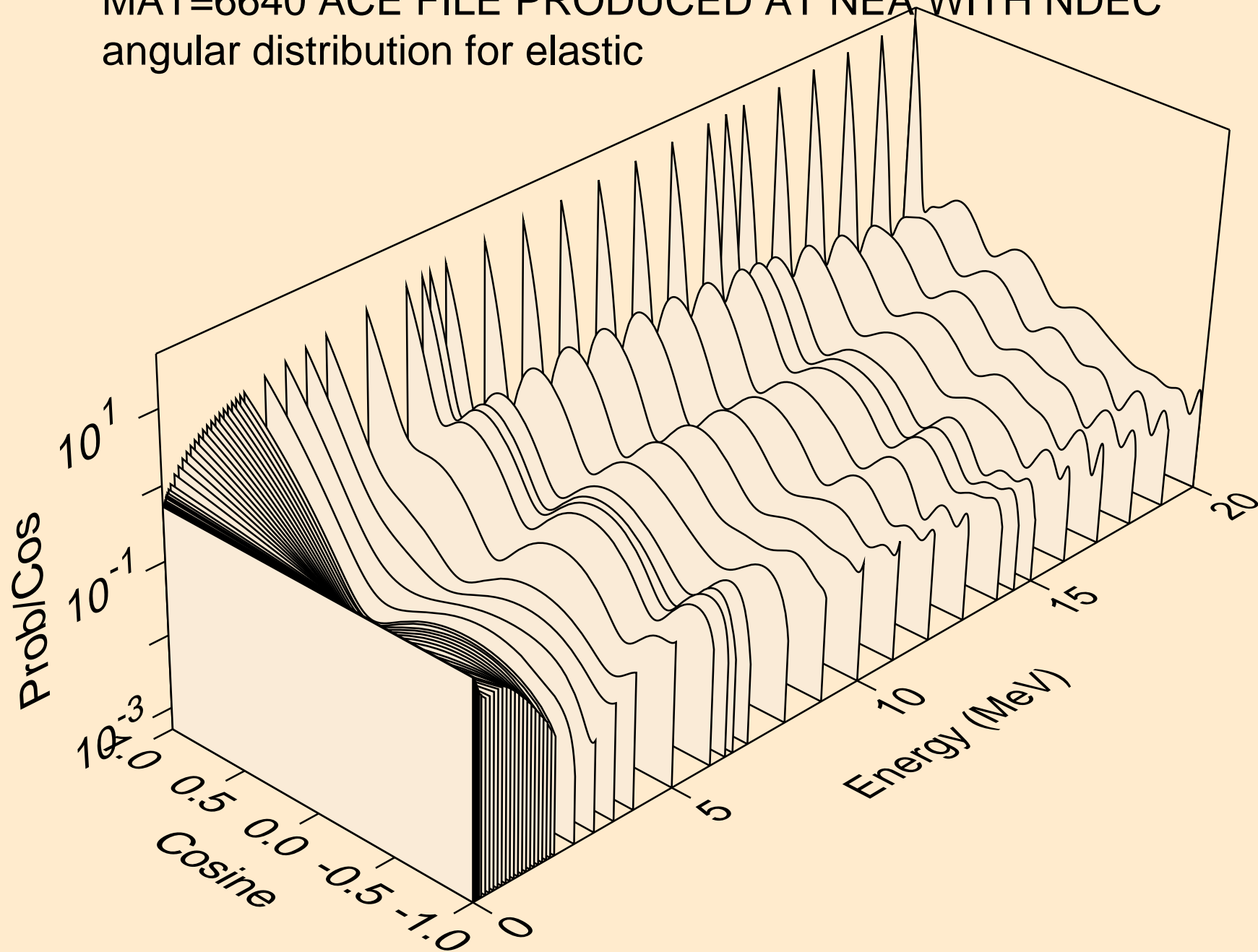
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Threshold reactions



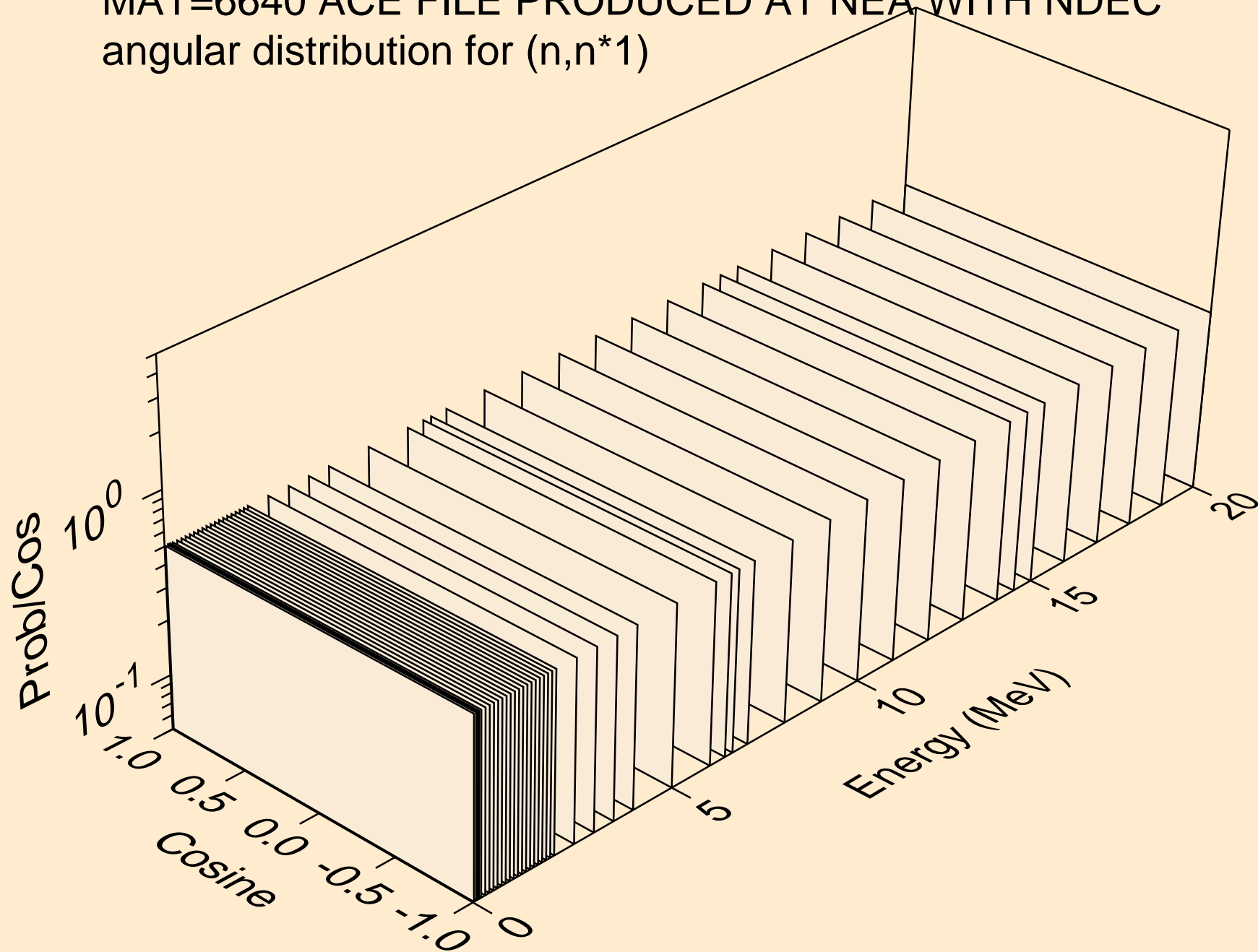
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Threshold reactions



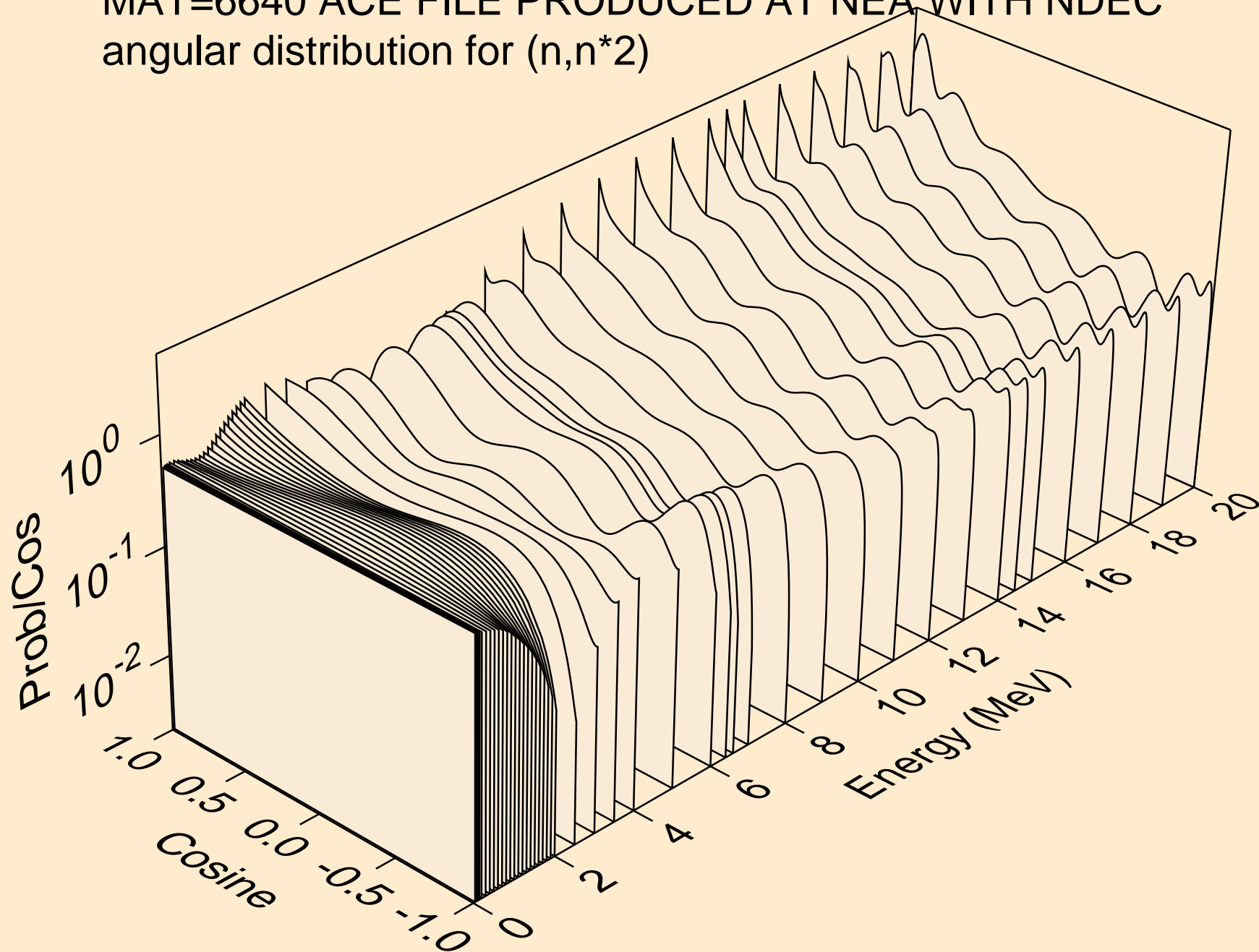
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angular distribution for elastic



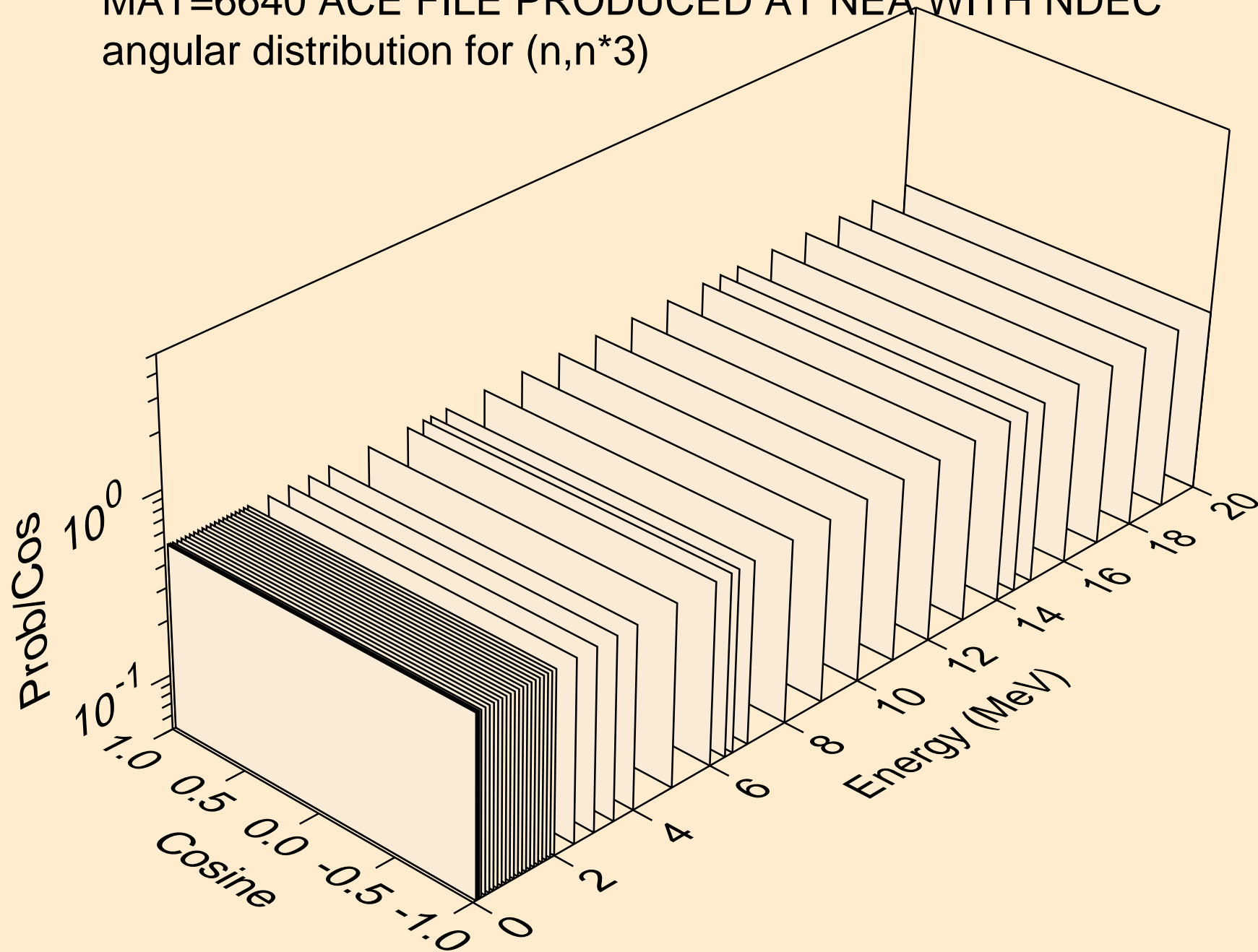
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angular distribution for (n,n*1)



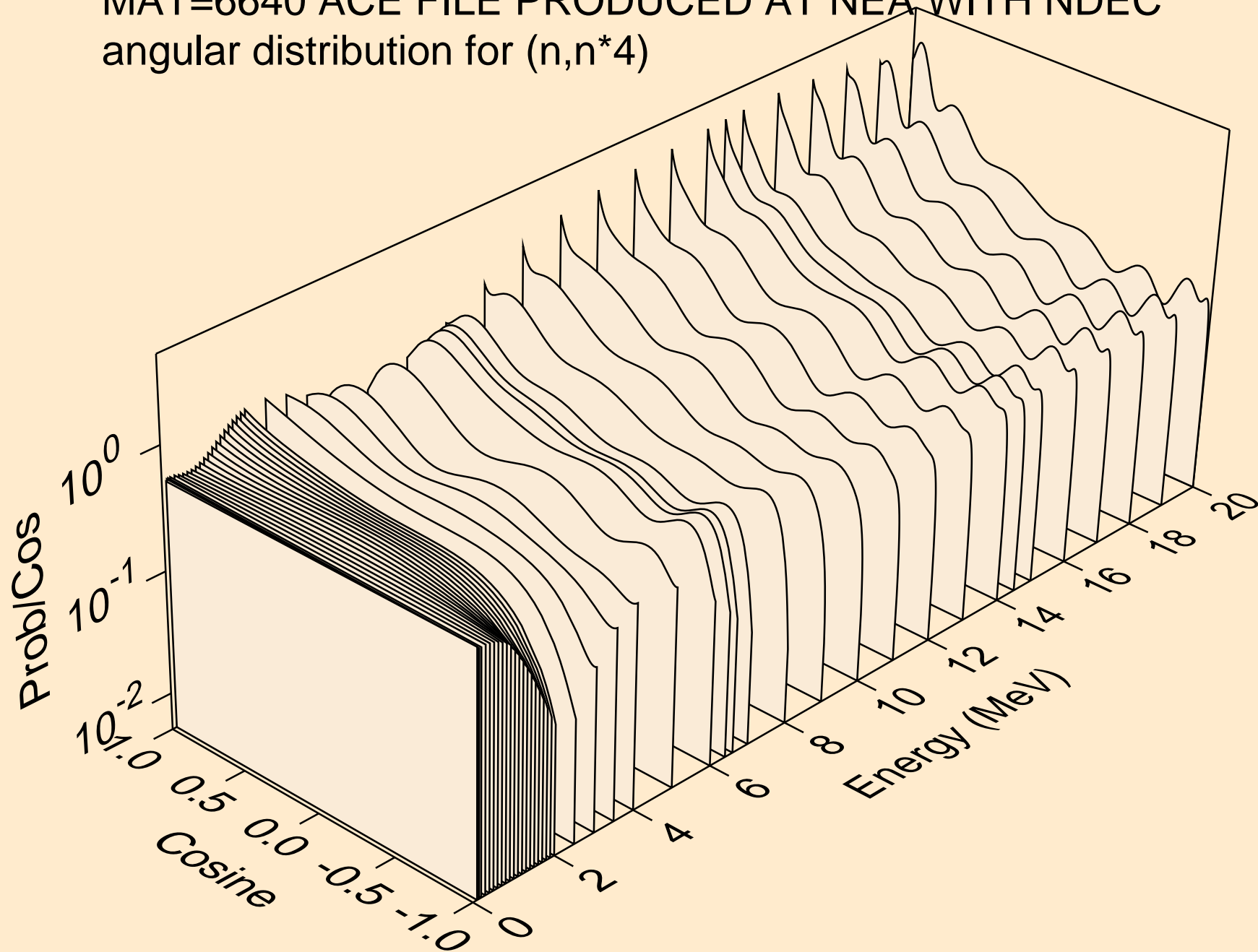
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angular distribution for (n,n*2)



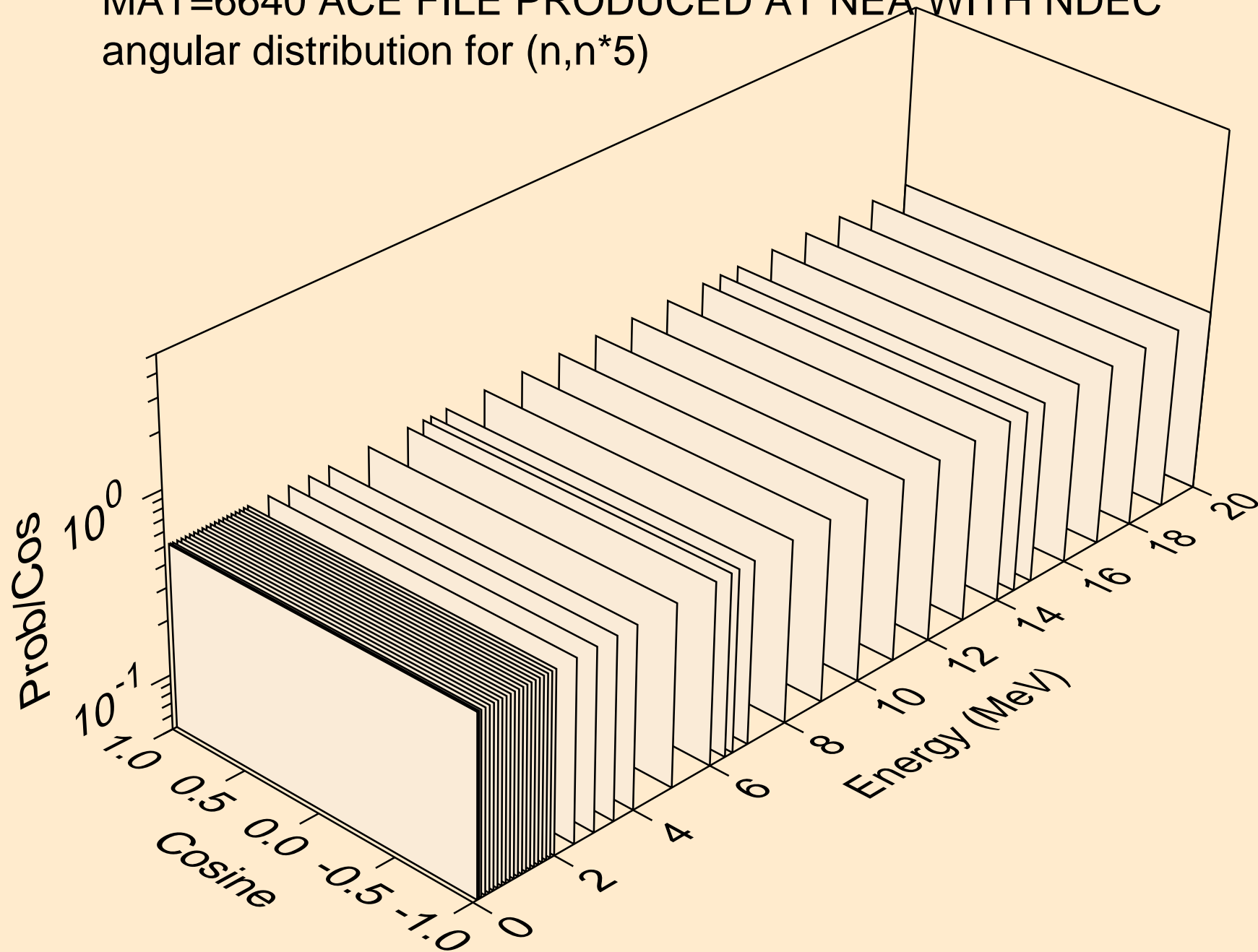
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angular distribution for (n,n*3)



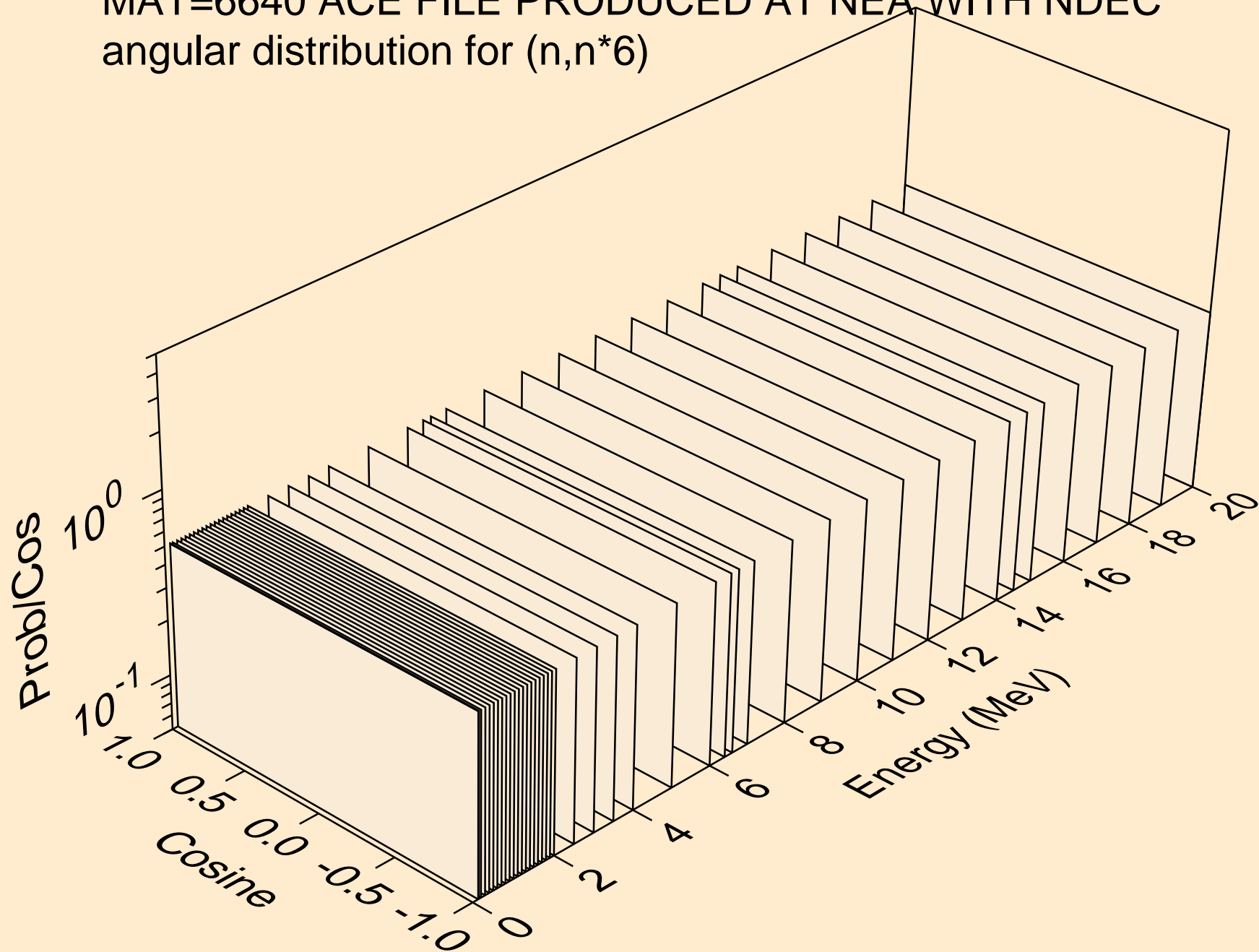
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angular distribution for (n,n*4)



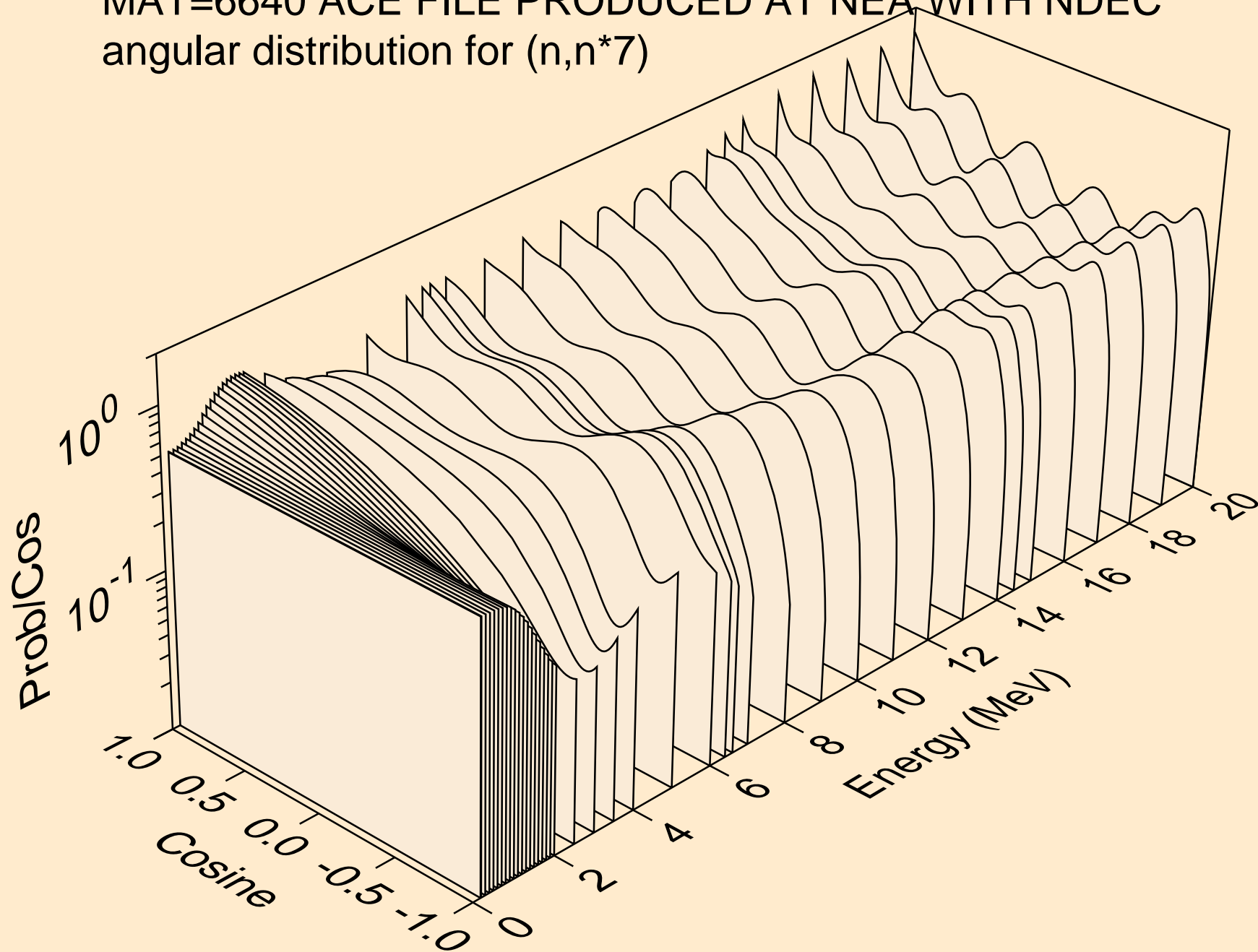
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angular distribution for (n,n*5)



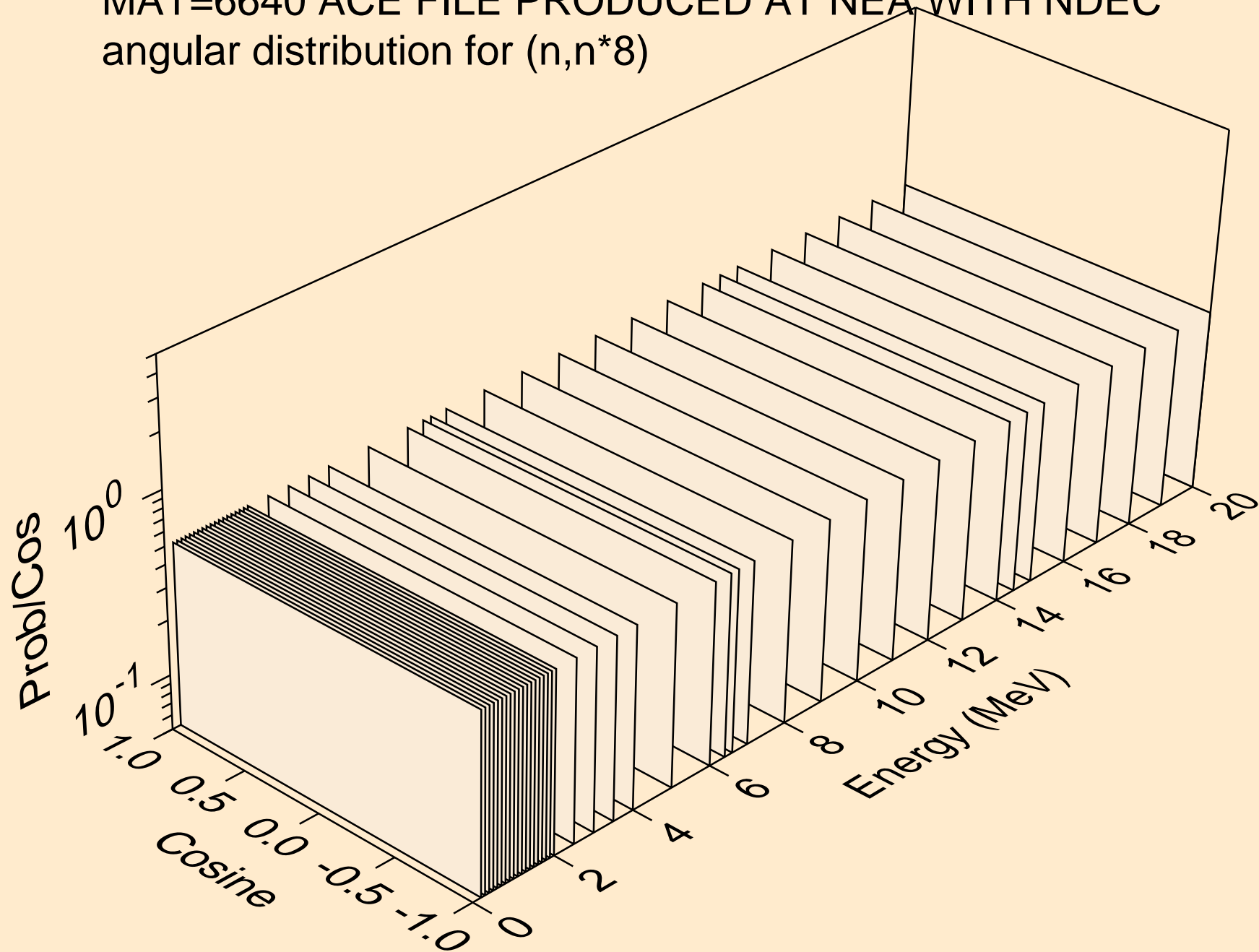
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angular distribution for (n,n*6)



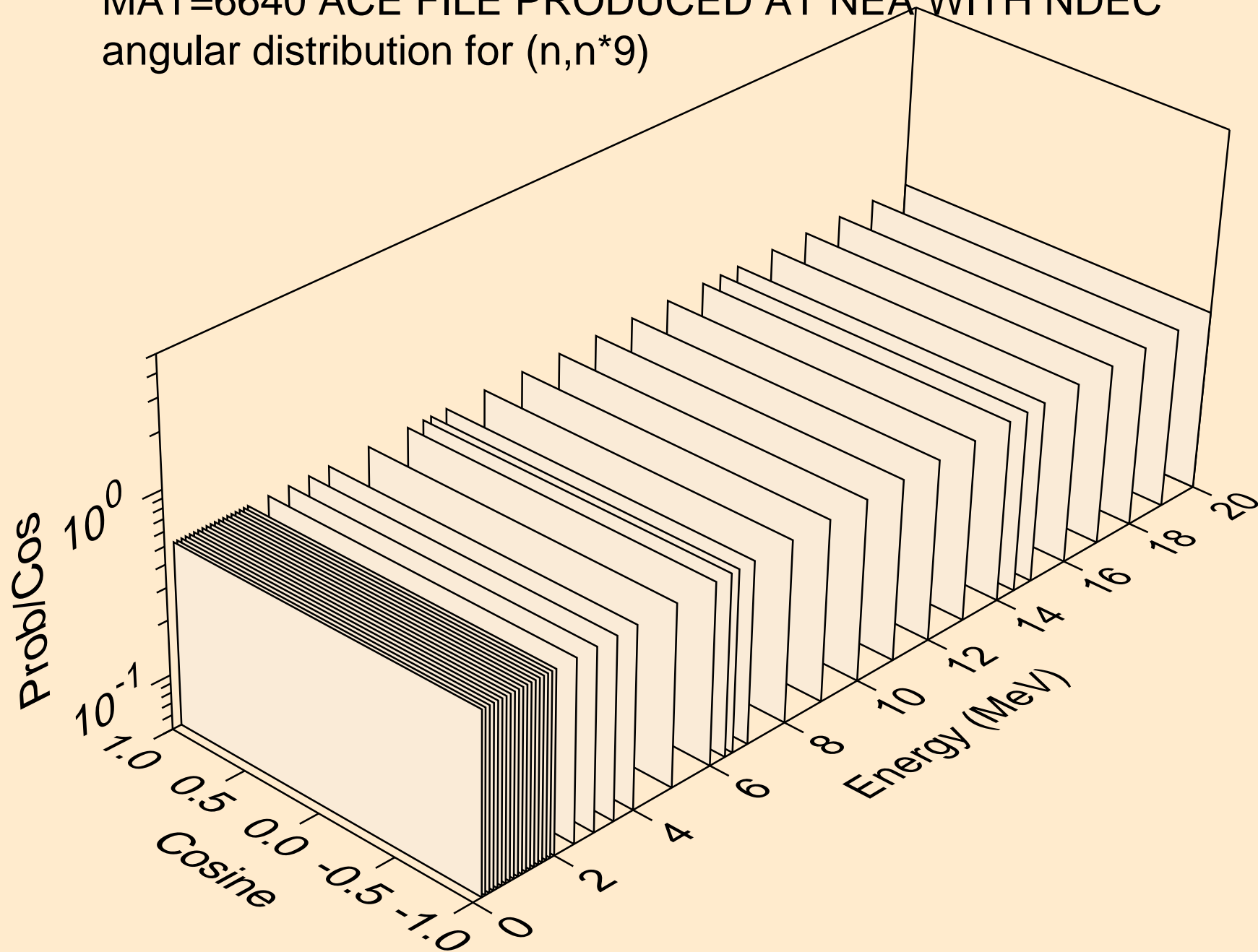
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angular distribution for (n,n*7)



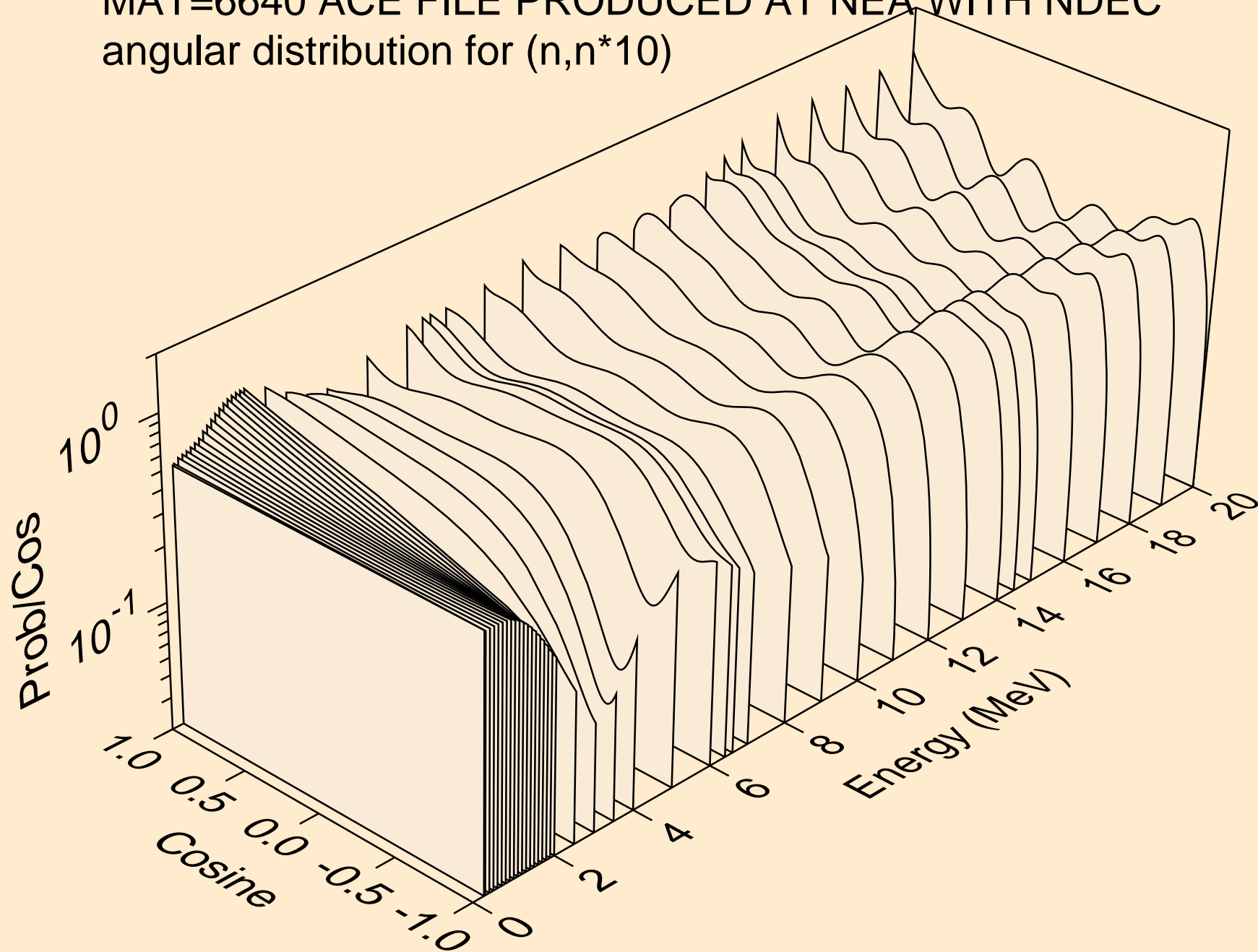
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angular distribution for (n,n*8)



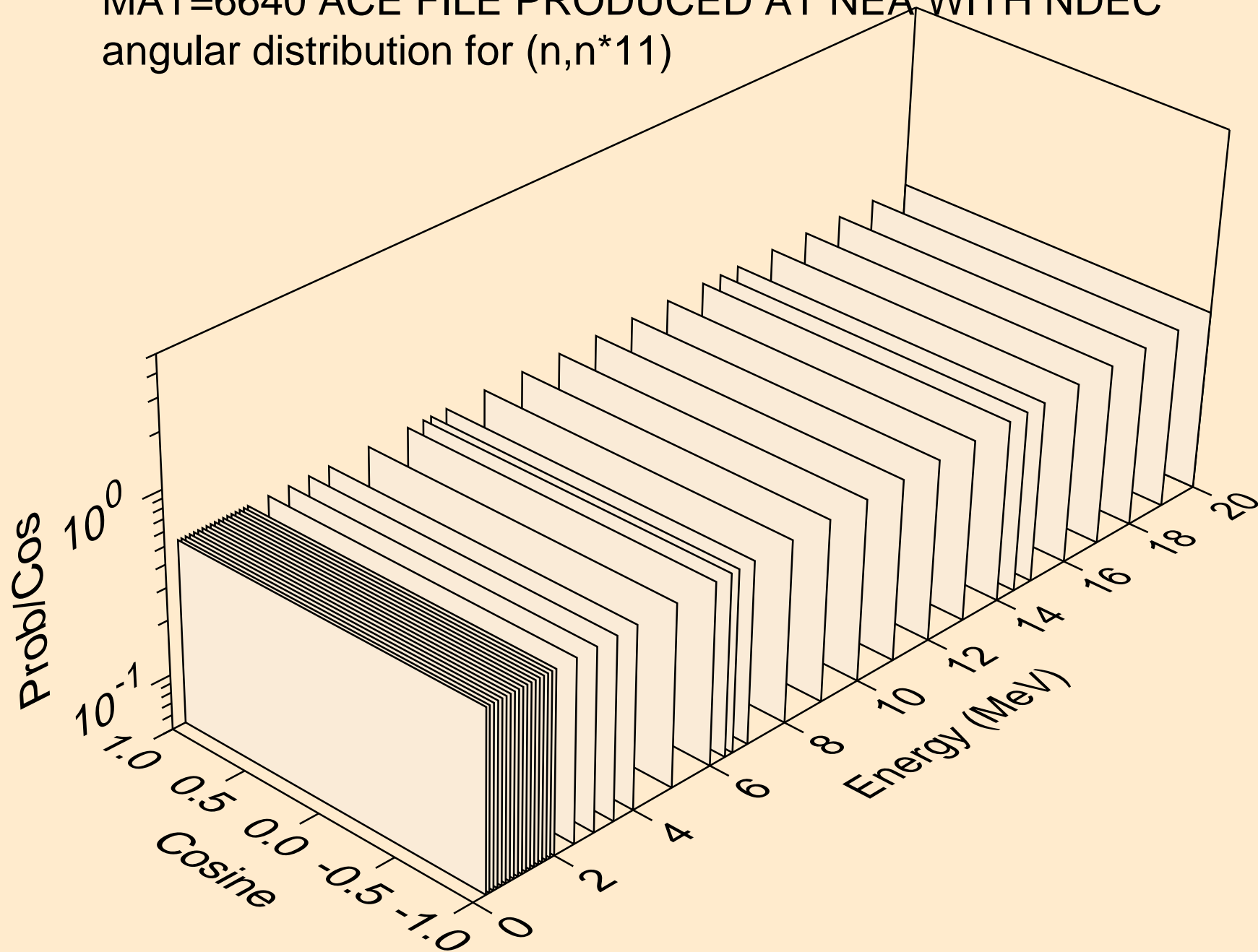
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angular distribution for (n,n*9)



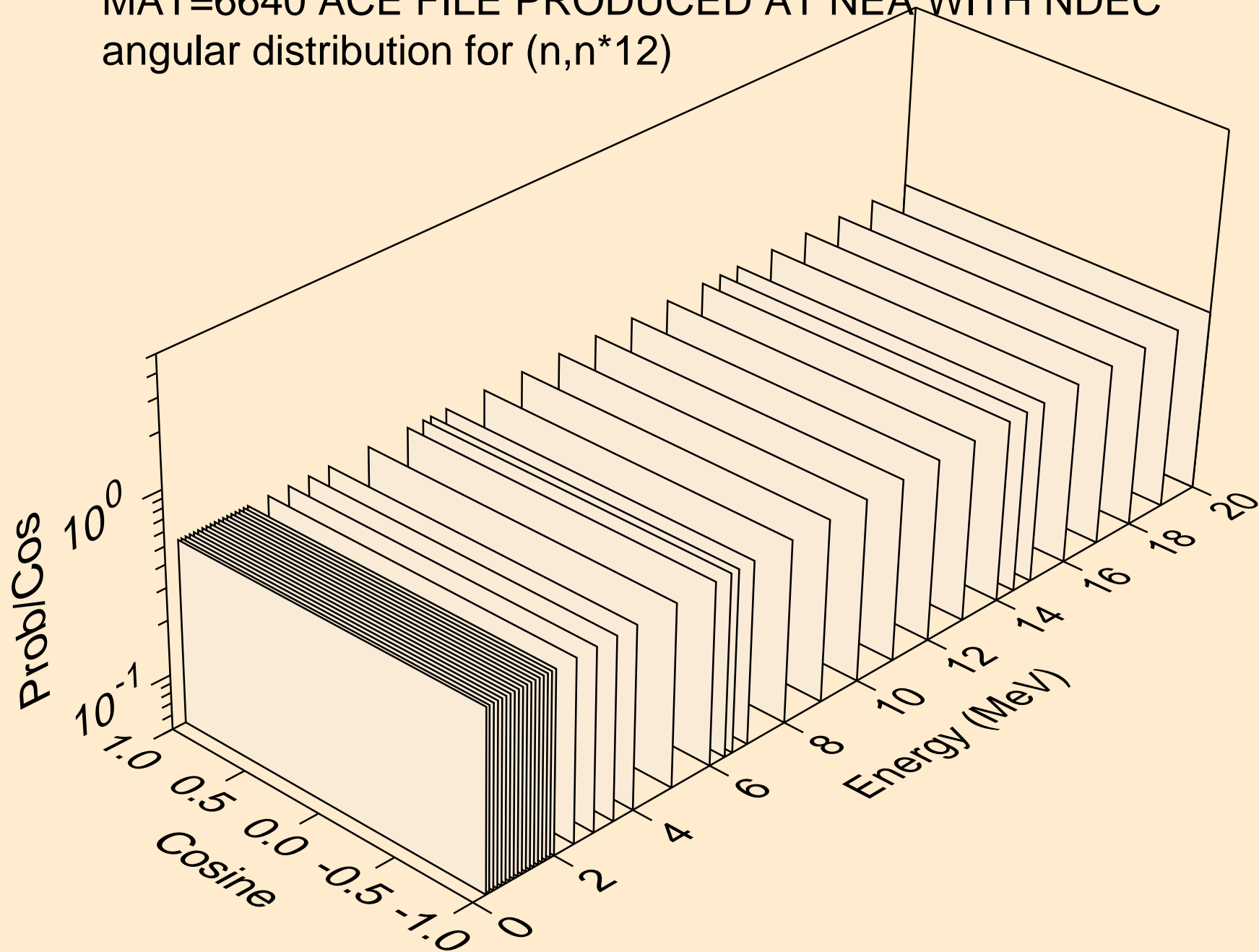
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angular distribution for (n,n*10)



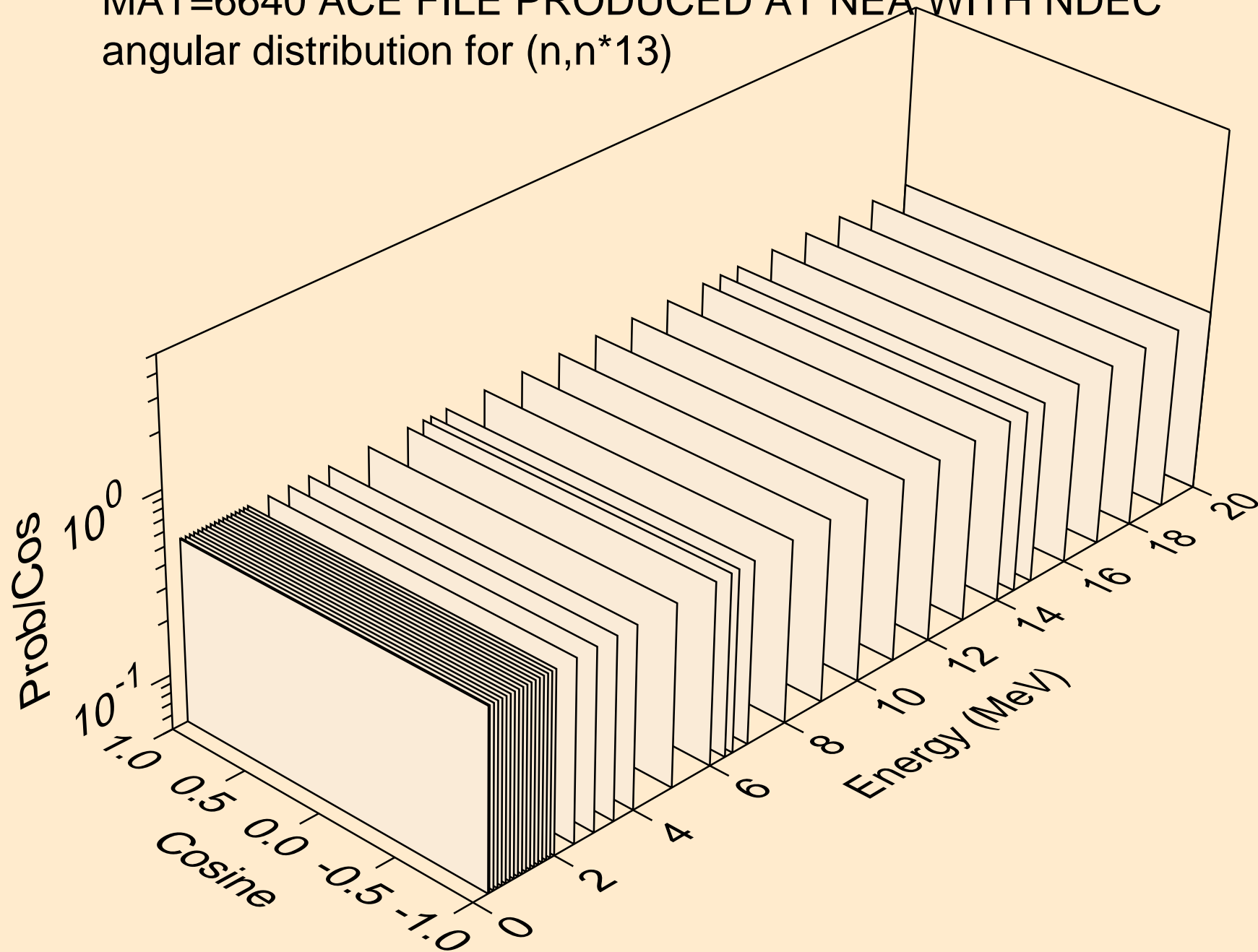
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angular distribution for (n,n*11)



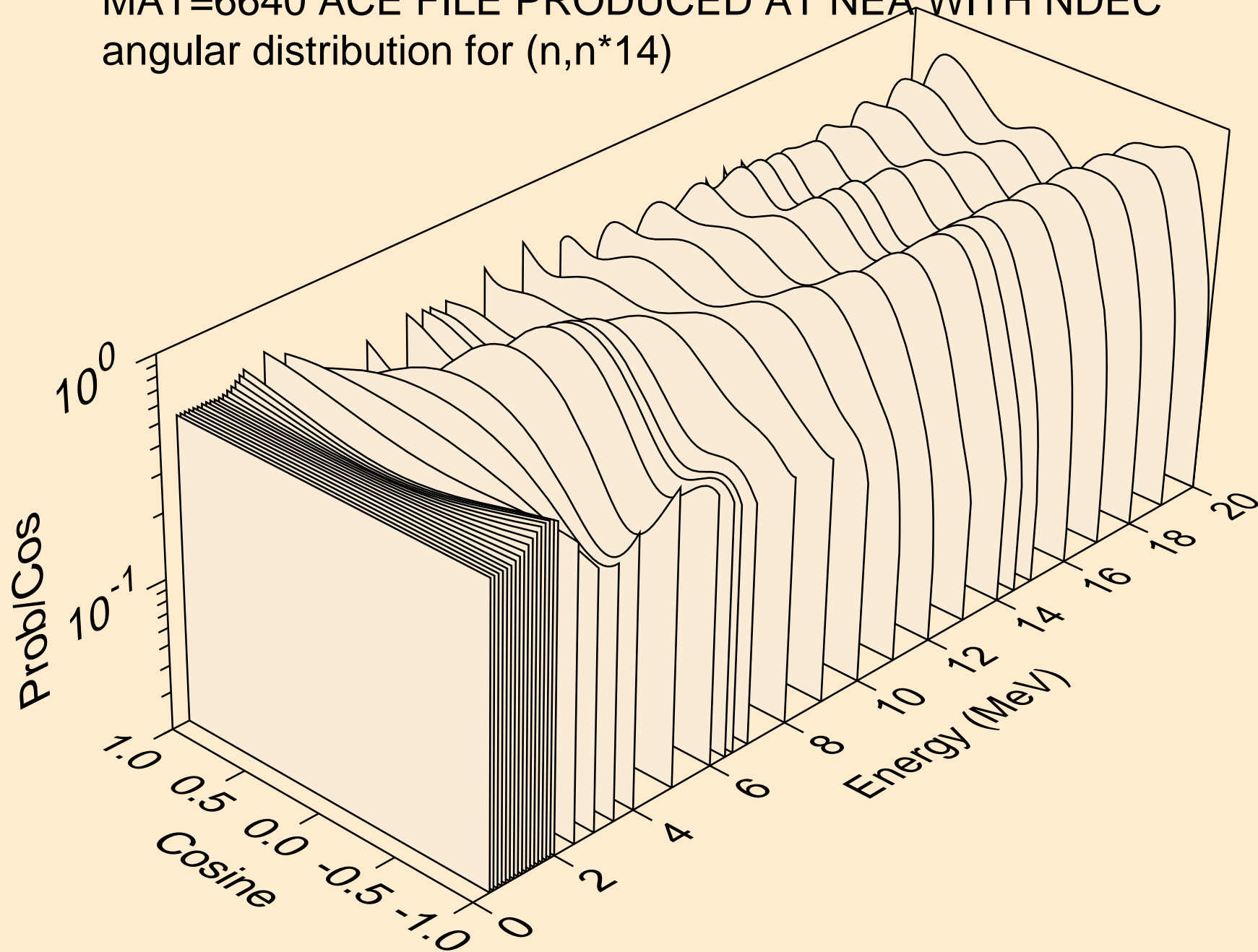
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angular distribution for (n,n*12)



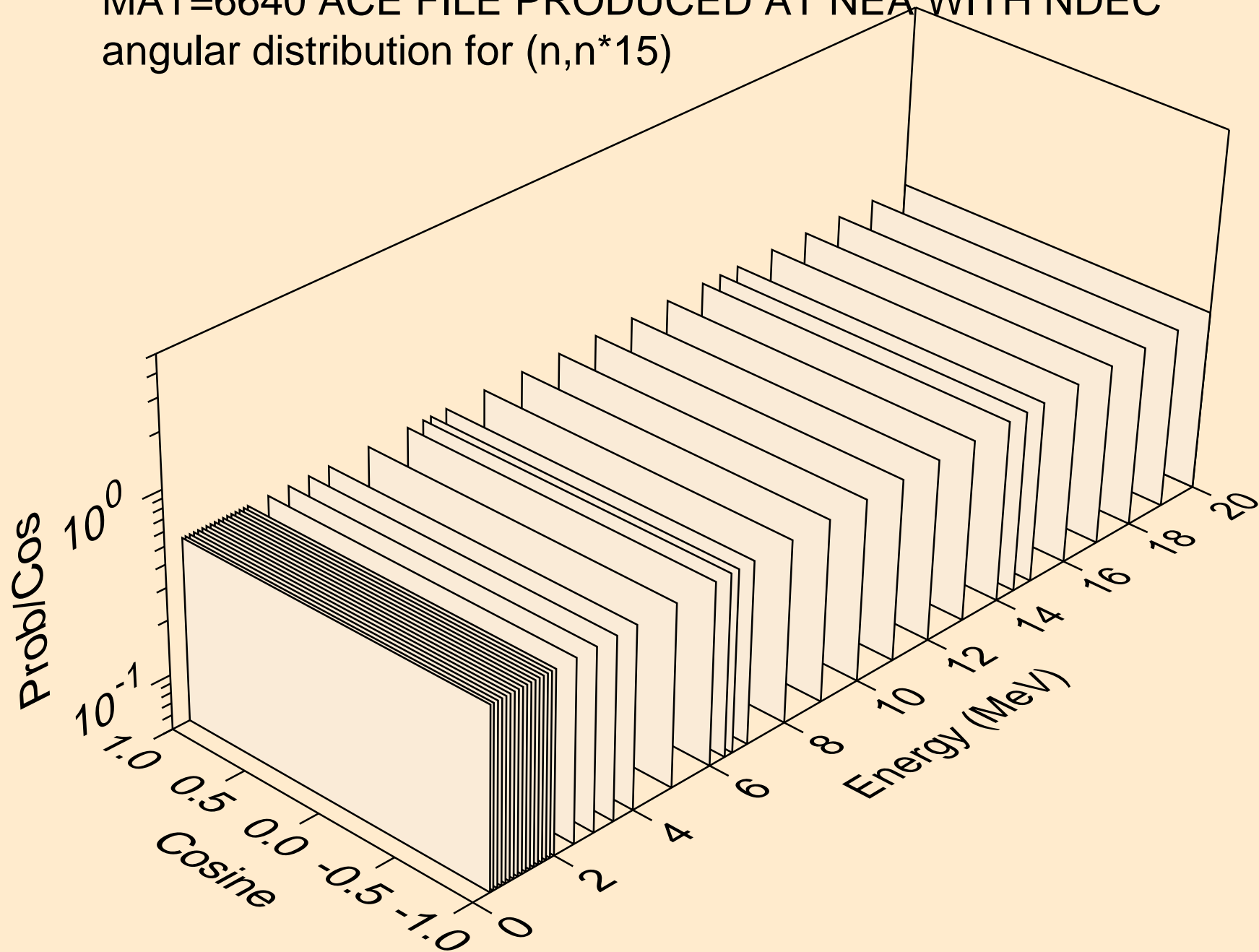
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angular distribution for (n,n*13)



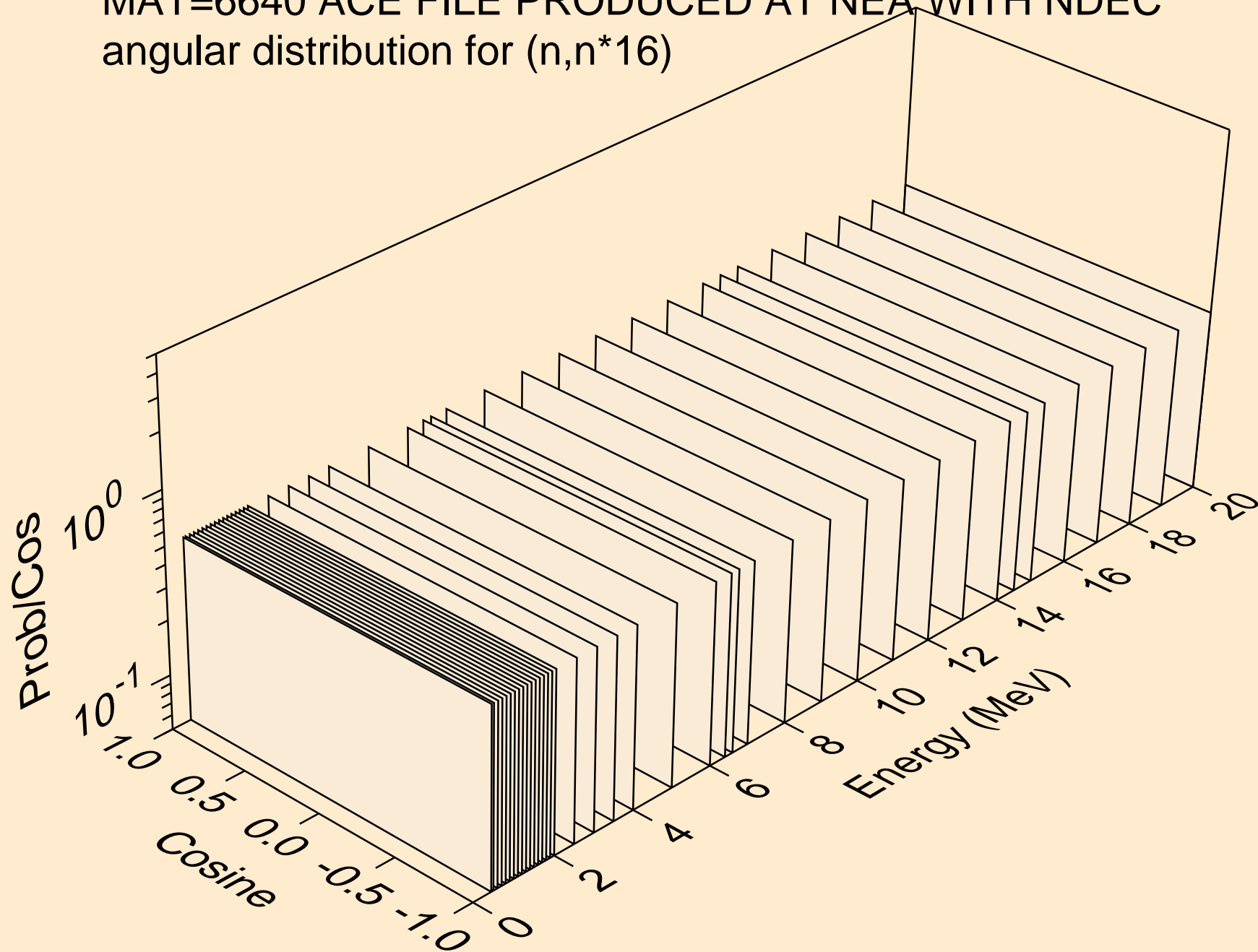
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angular distribution for (n,n*14)



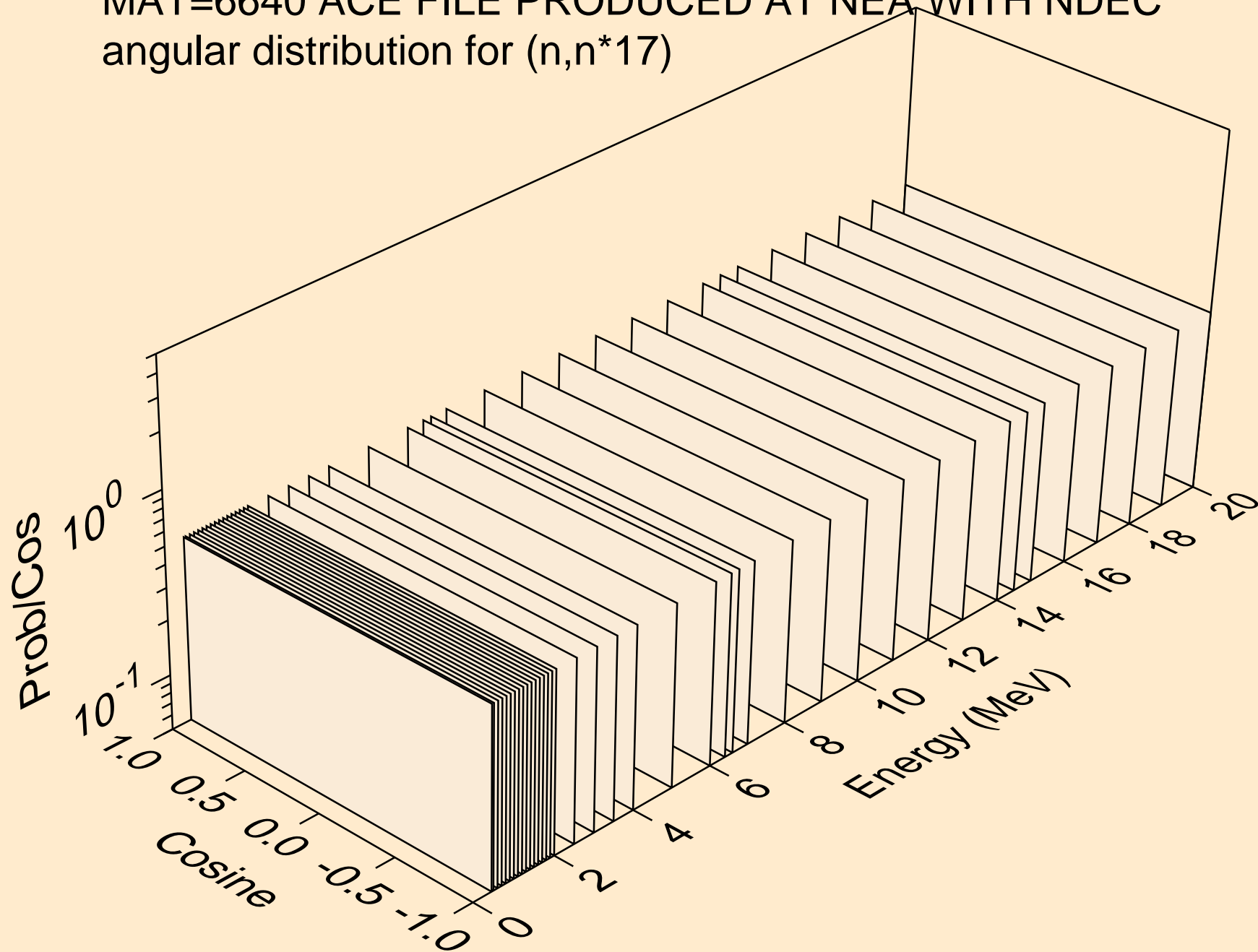
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angular distribution for (n,n*15)



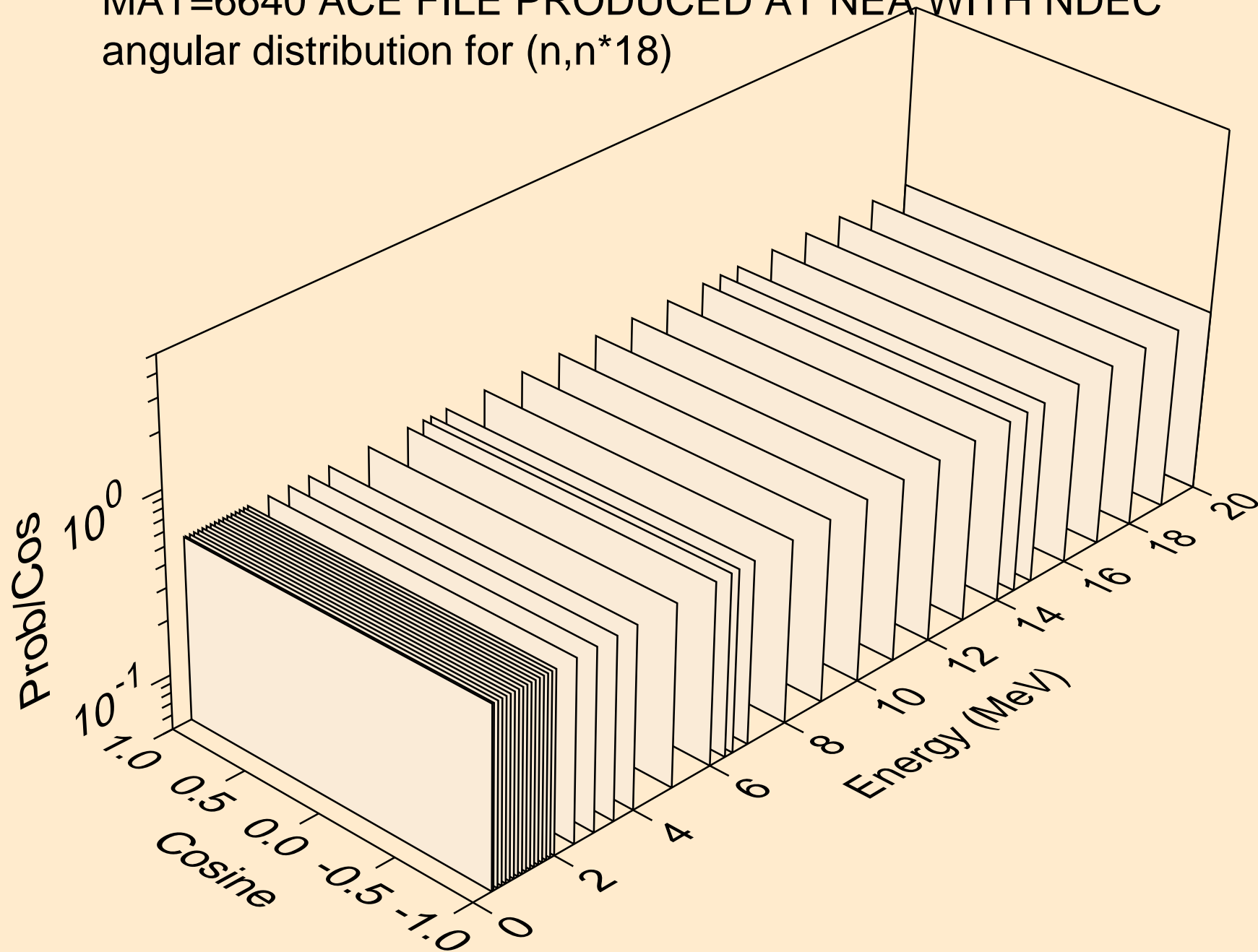
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angular distribution for (n,n*16)



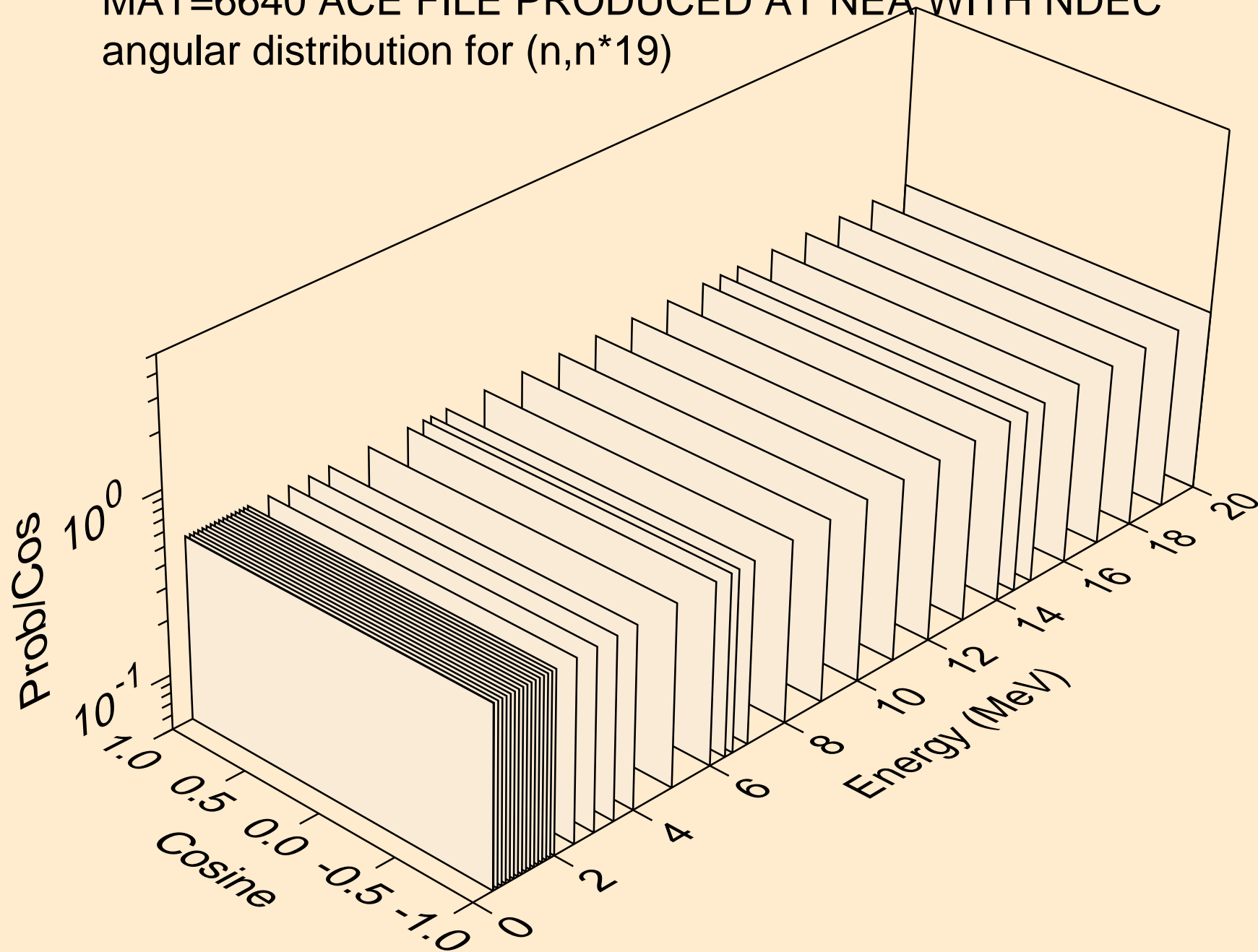
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angular distribution for (n,n*17)



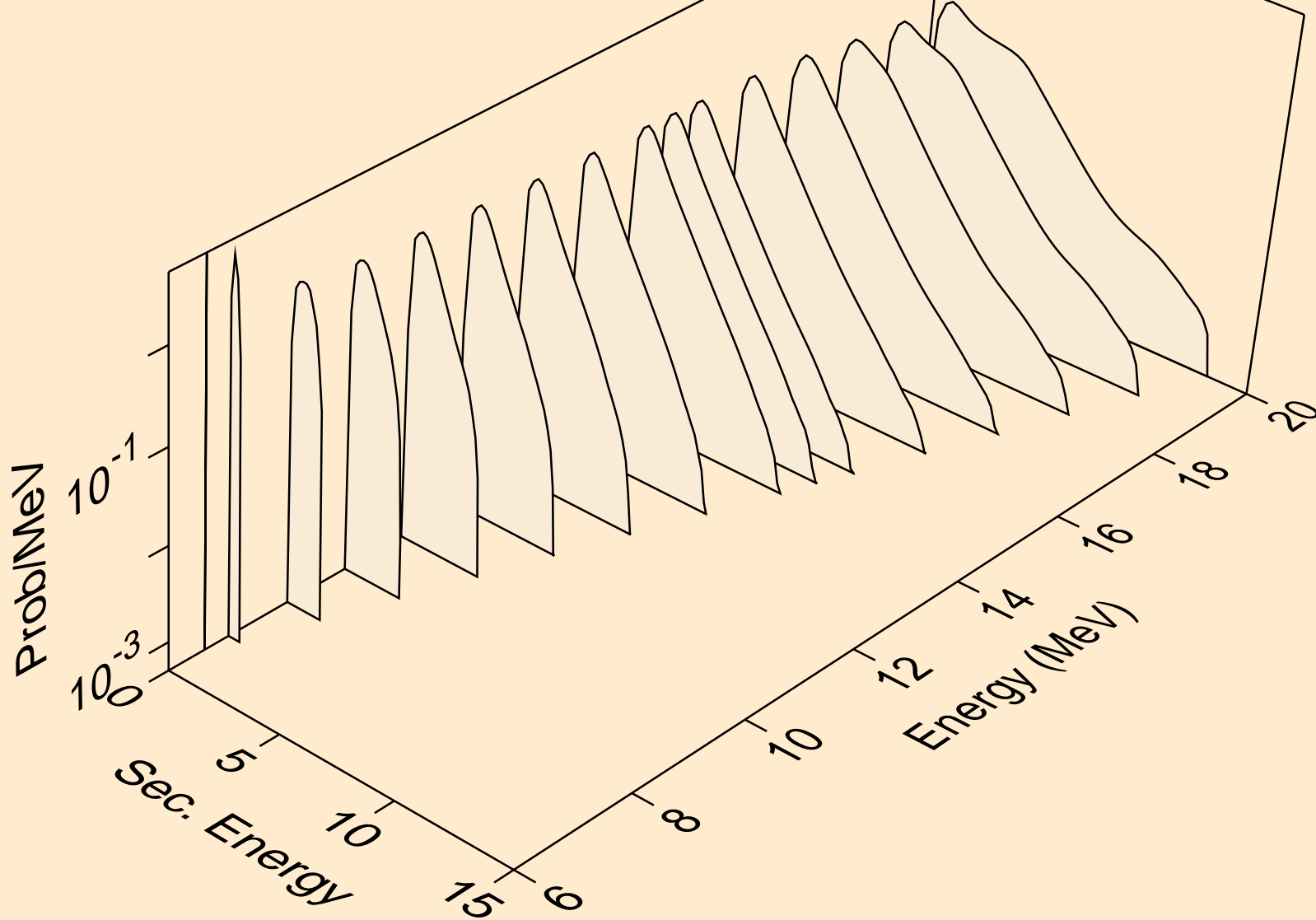
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angular distribution for (n,n*18)



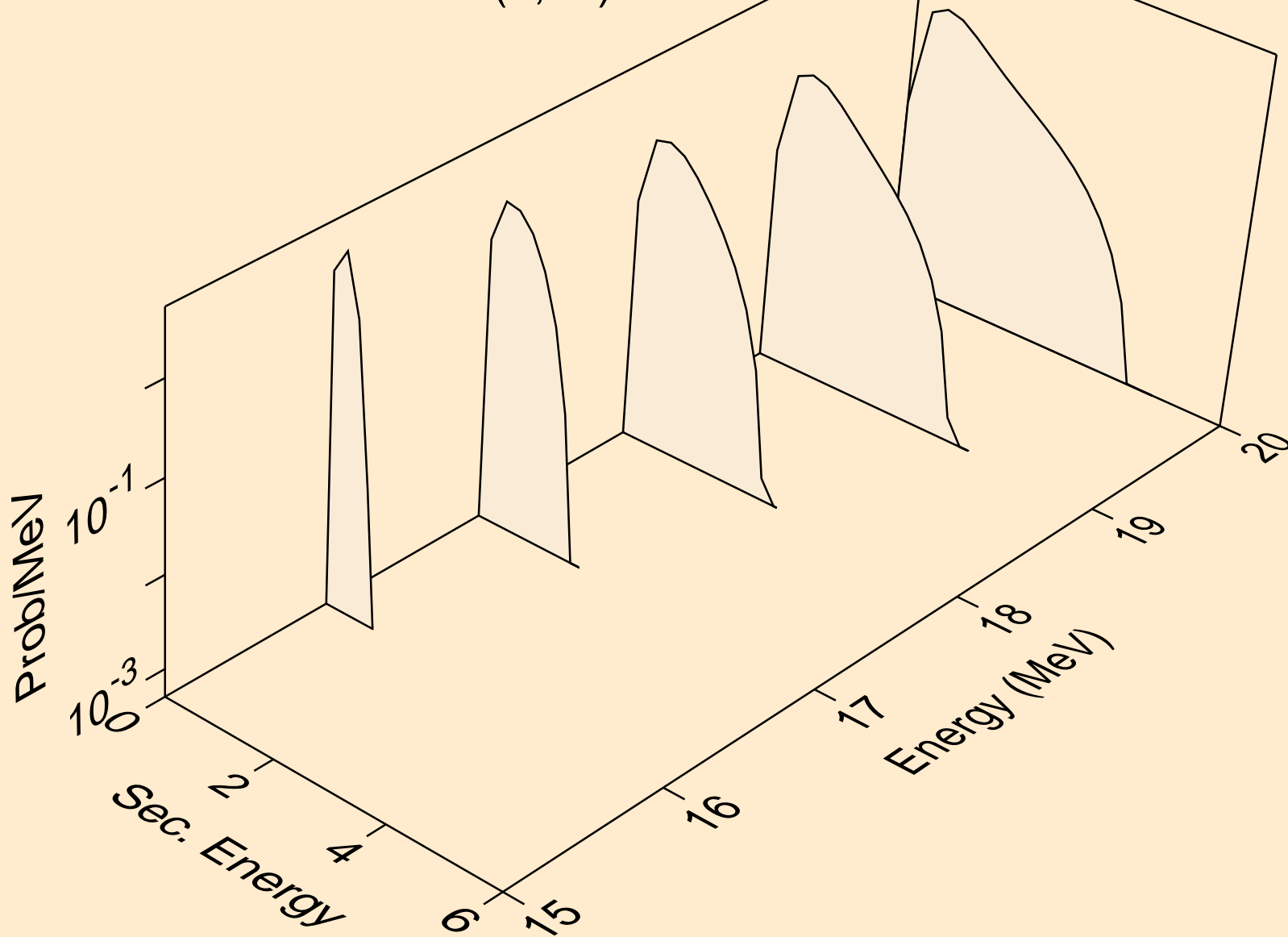
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angular distribution for (n,n*19)



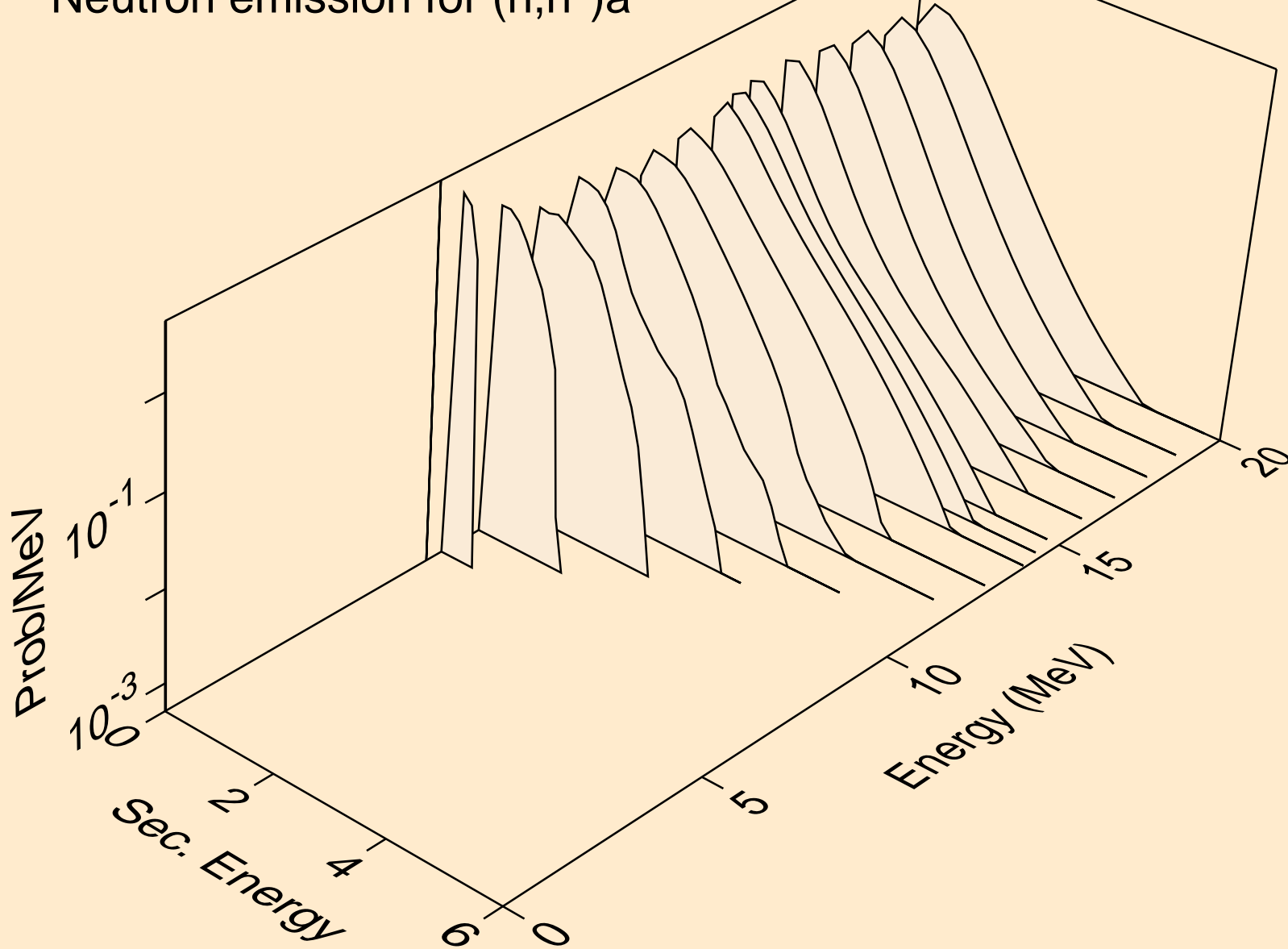
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Neutron emission for (n,2n)



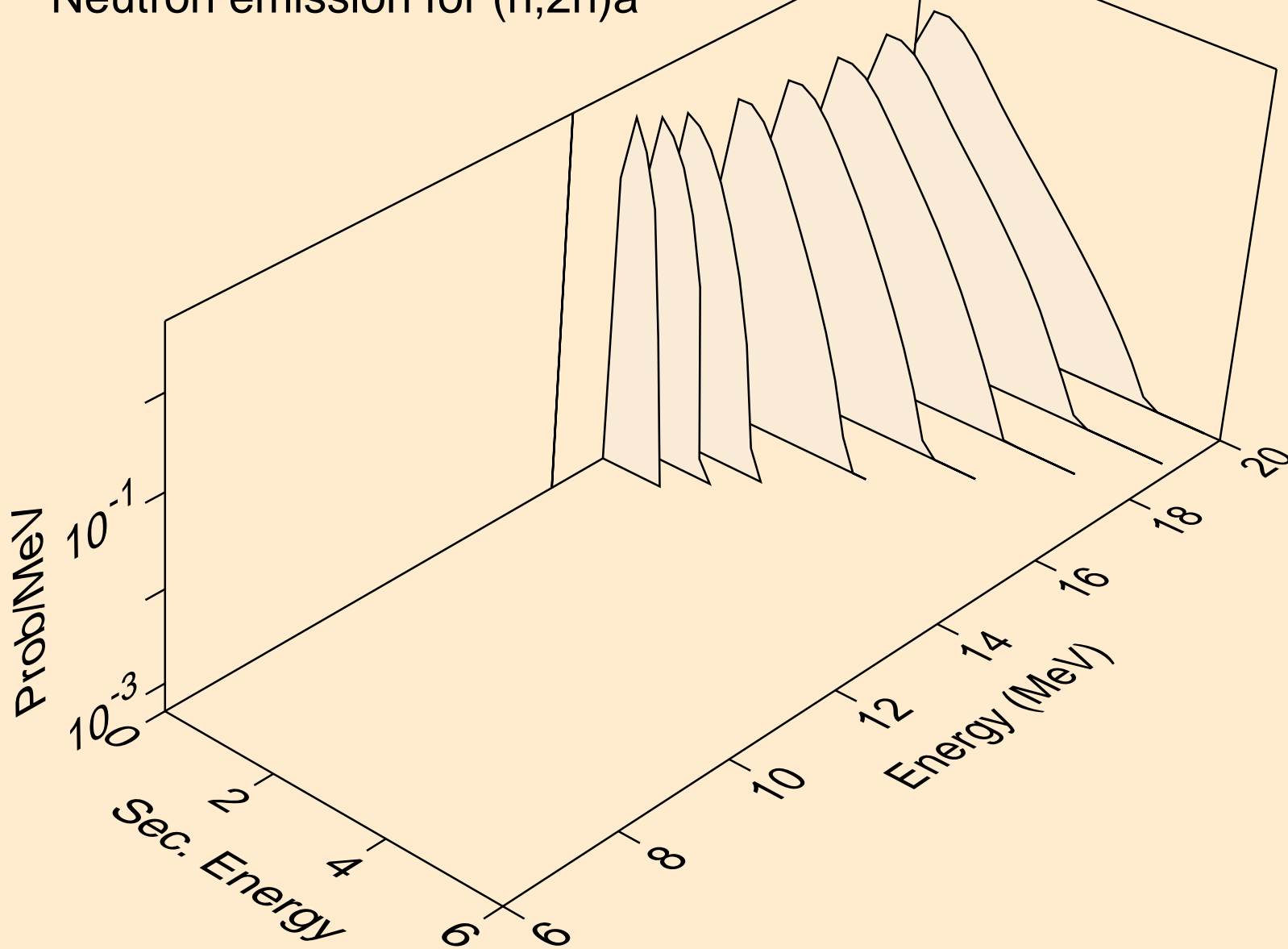
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Neutron emission for (n,3n)



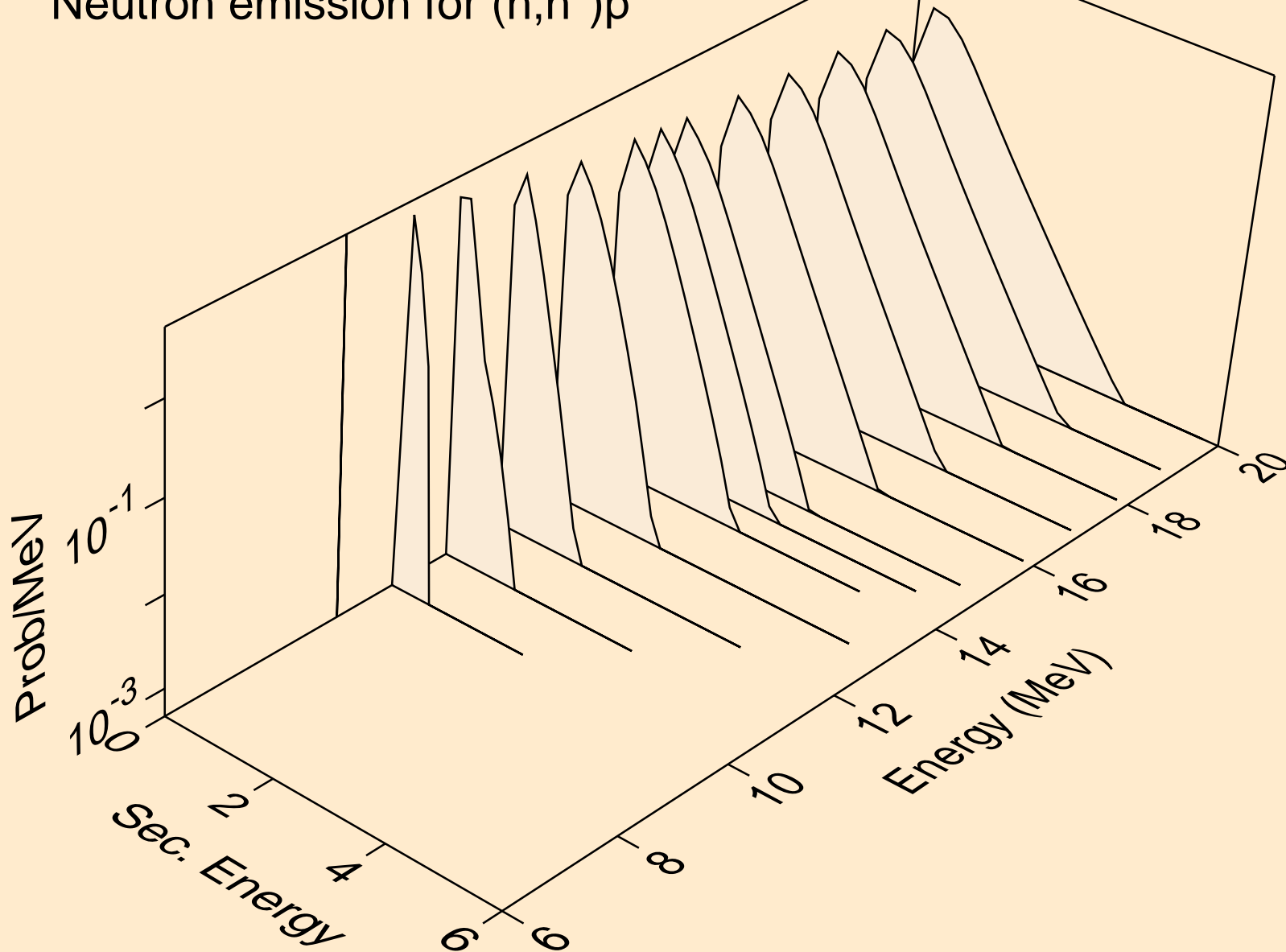
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Neutron emission for (n,n*)a



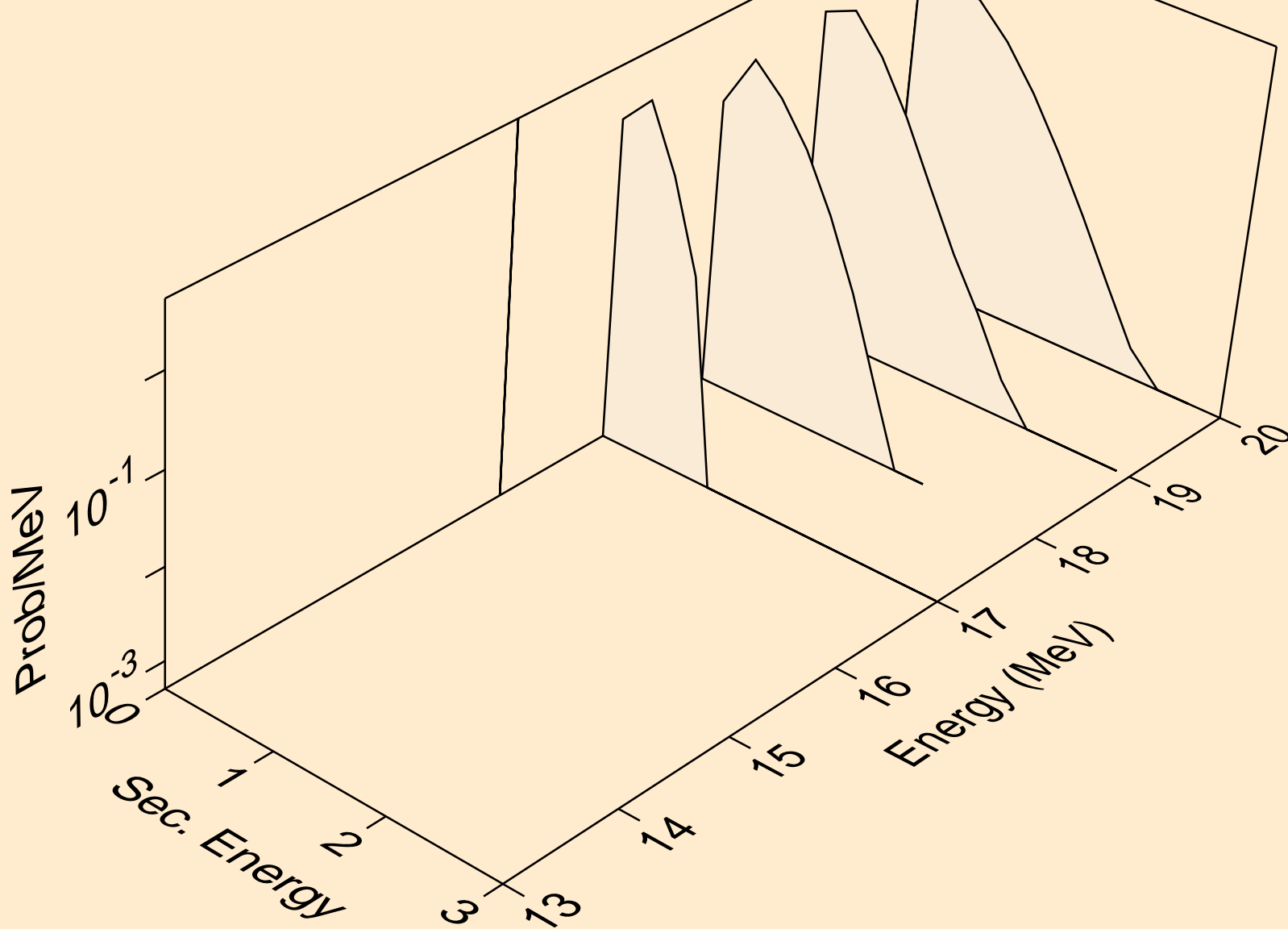
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Neutron emission for (n,2n)a



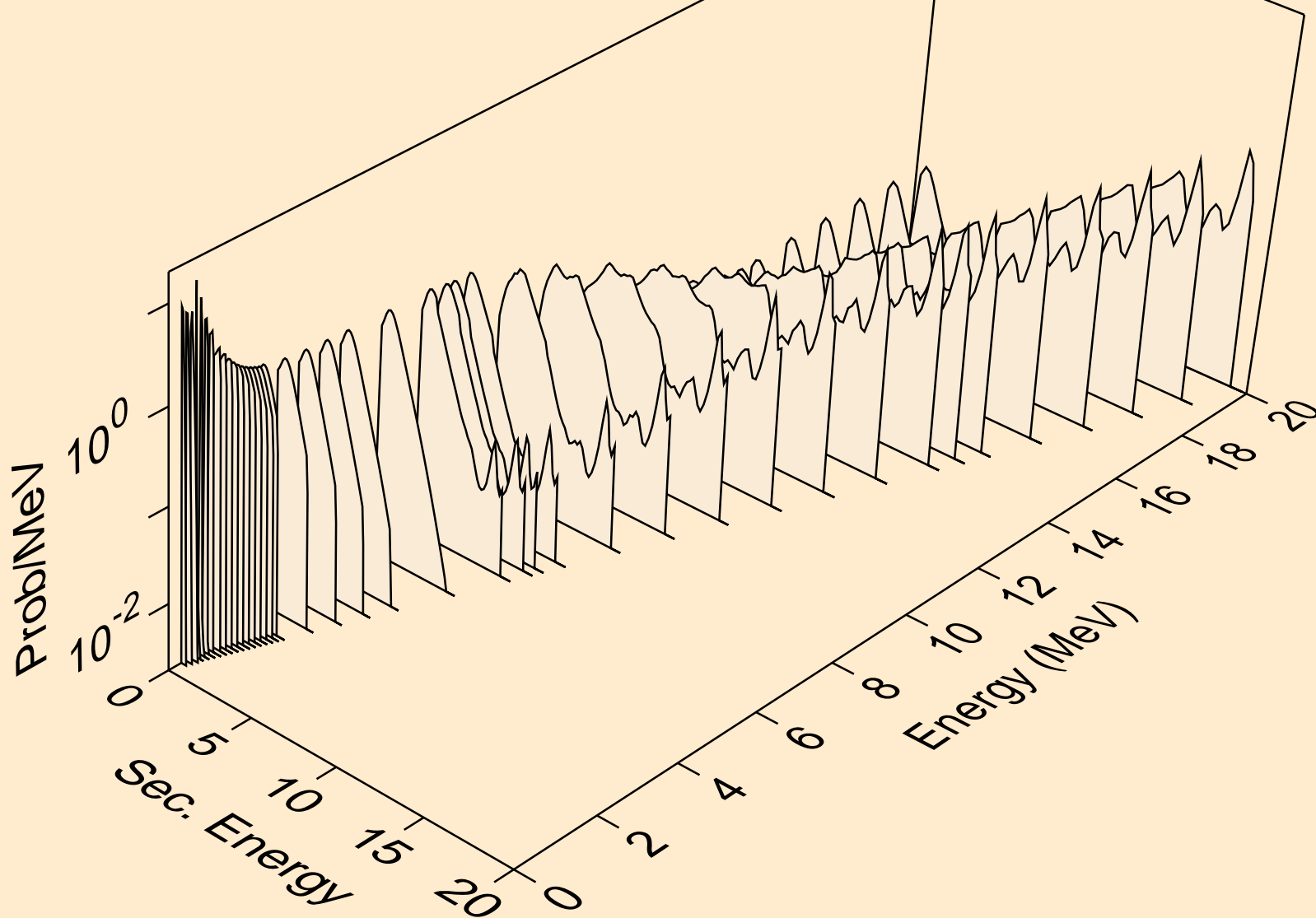
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Neutron emission for (n,n*)p



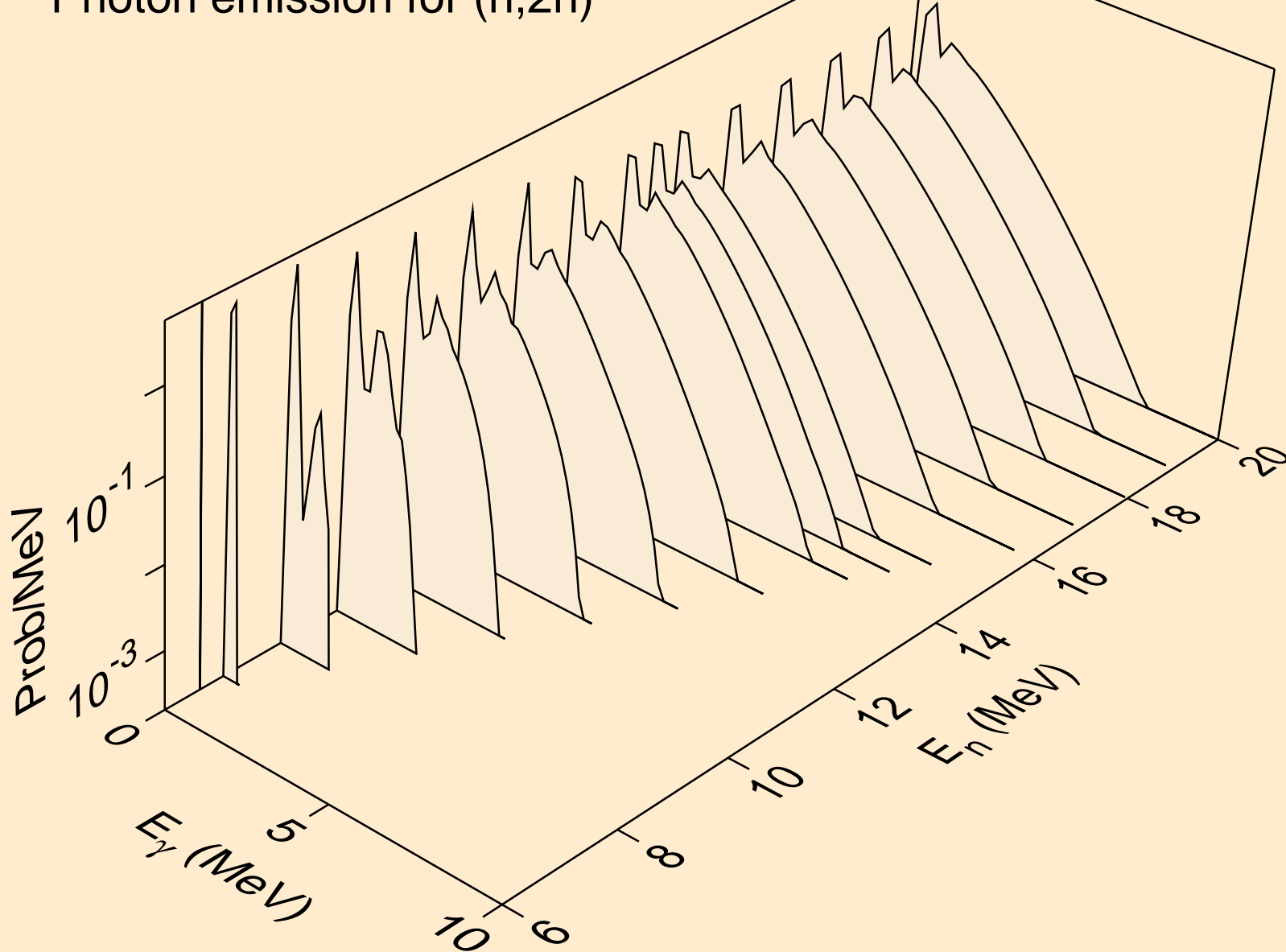
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Neutron emission for (n,2np)



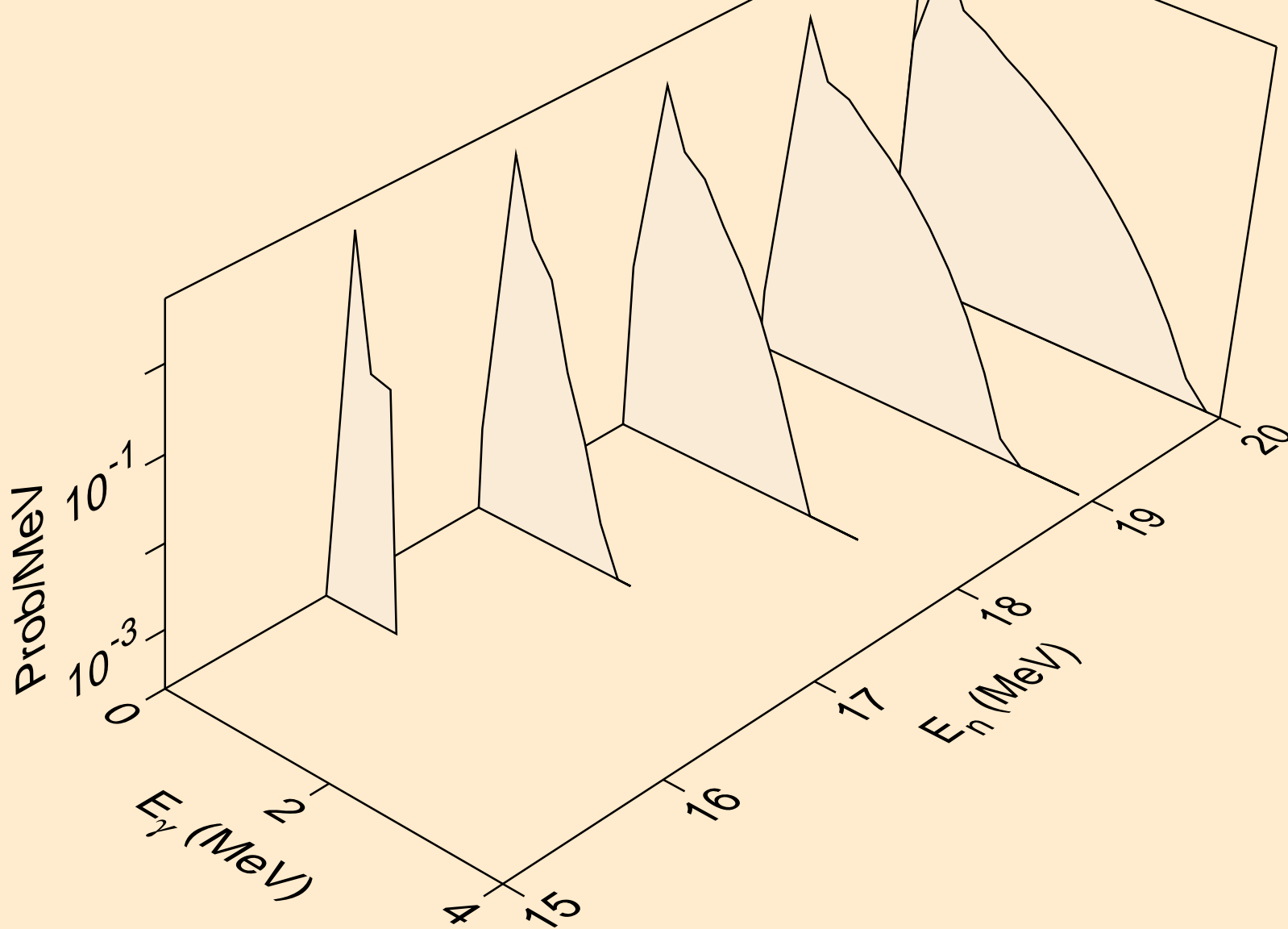
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Neutron emission for (n,n*c)



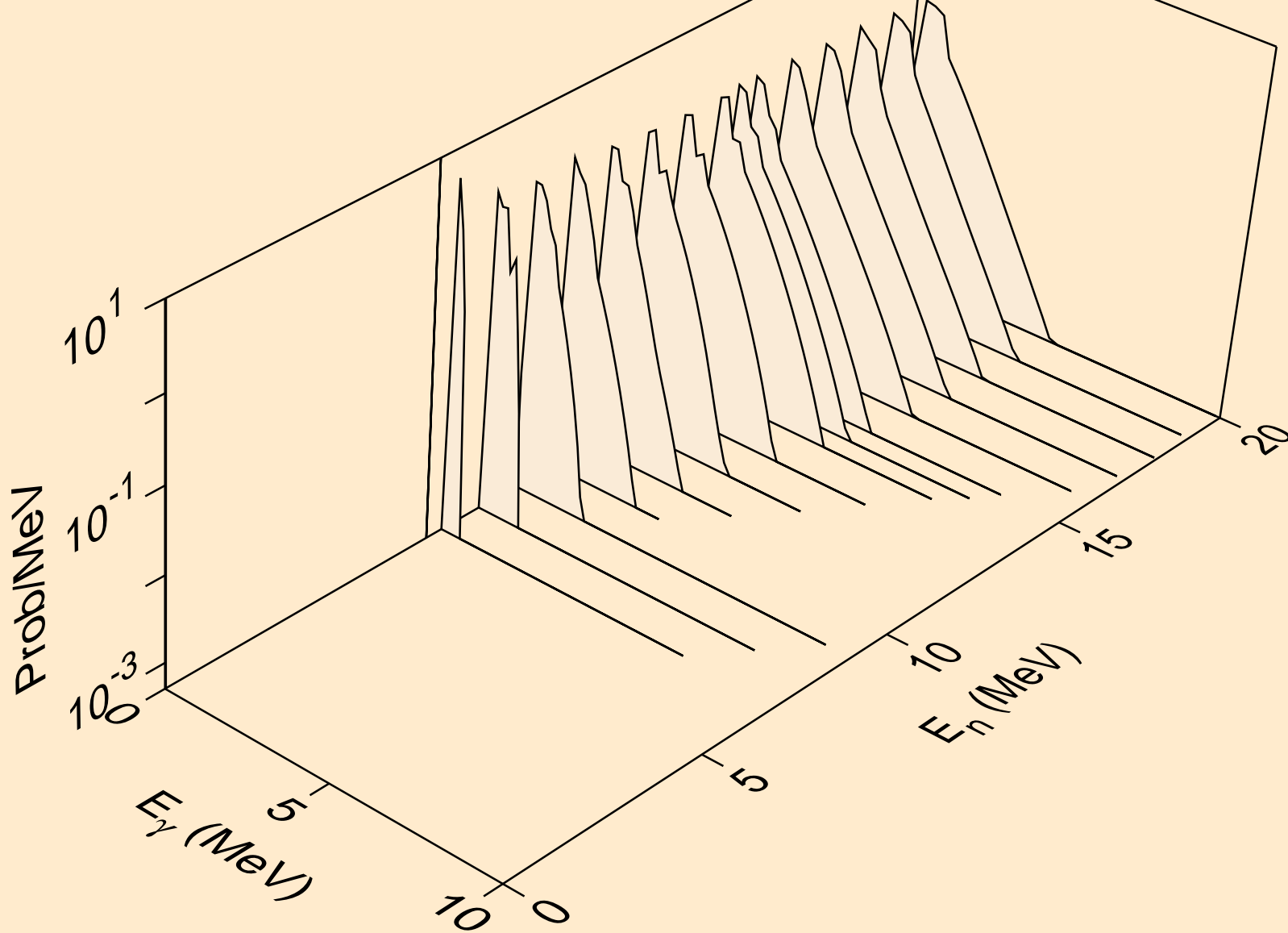
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Photon emission for (n,2n)



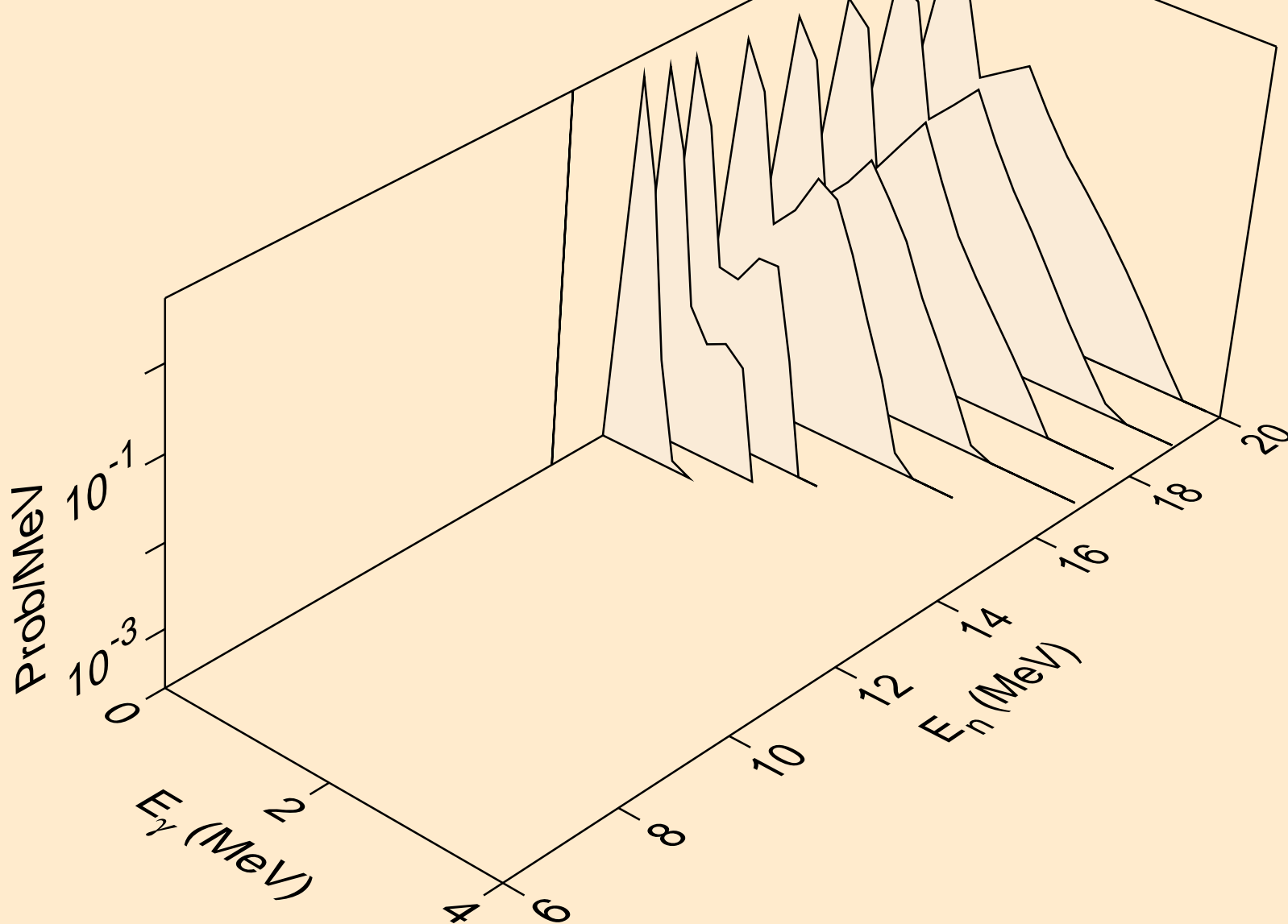
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Photon emission for (n,3n)



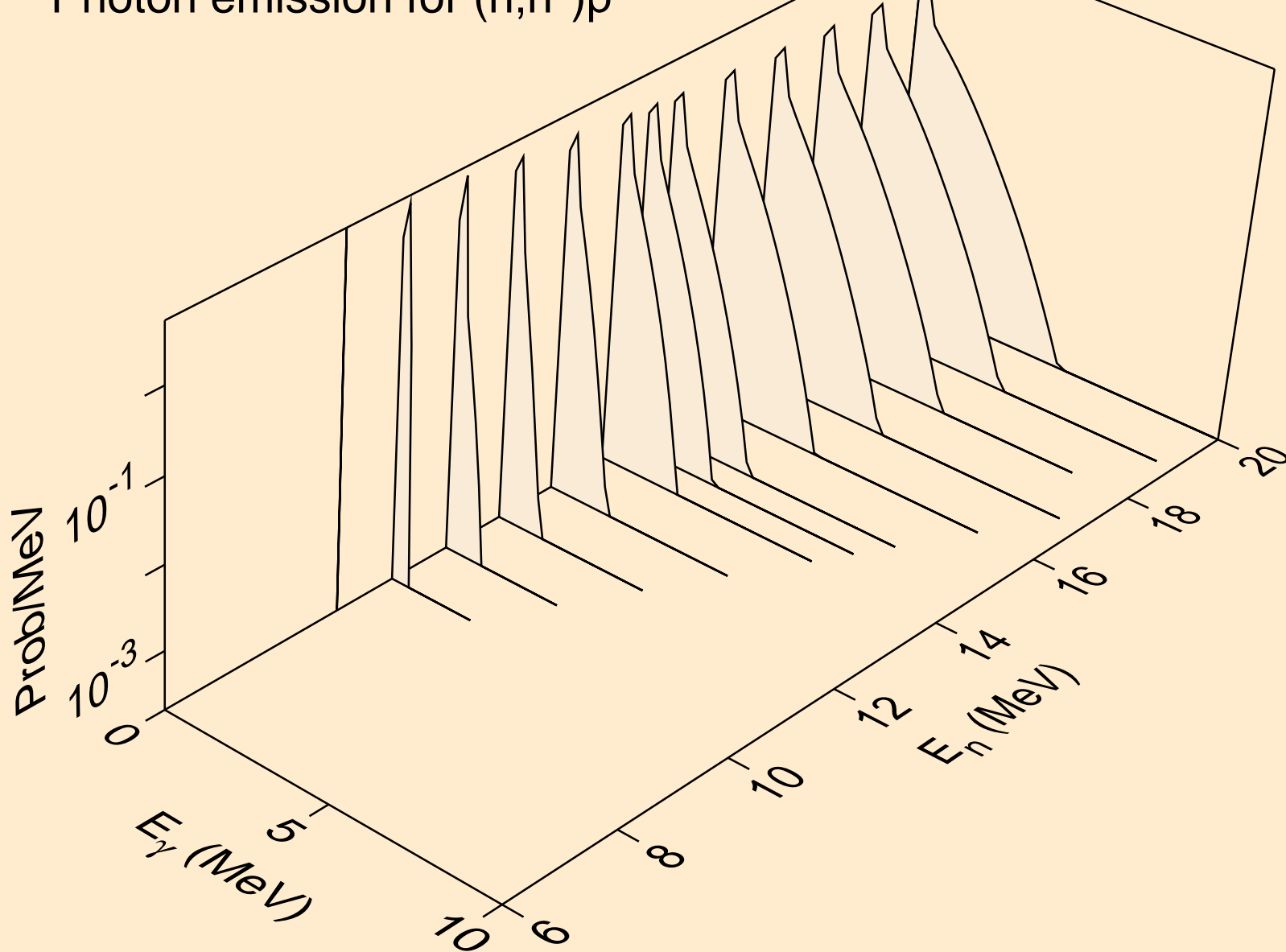
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Photon emission for (n,n*)a



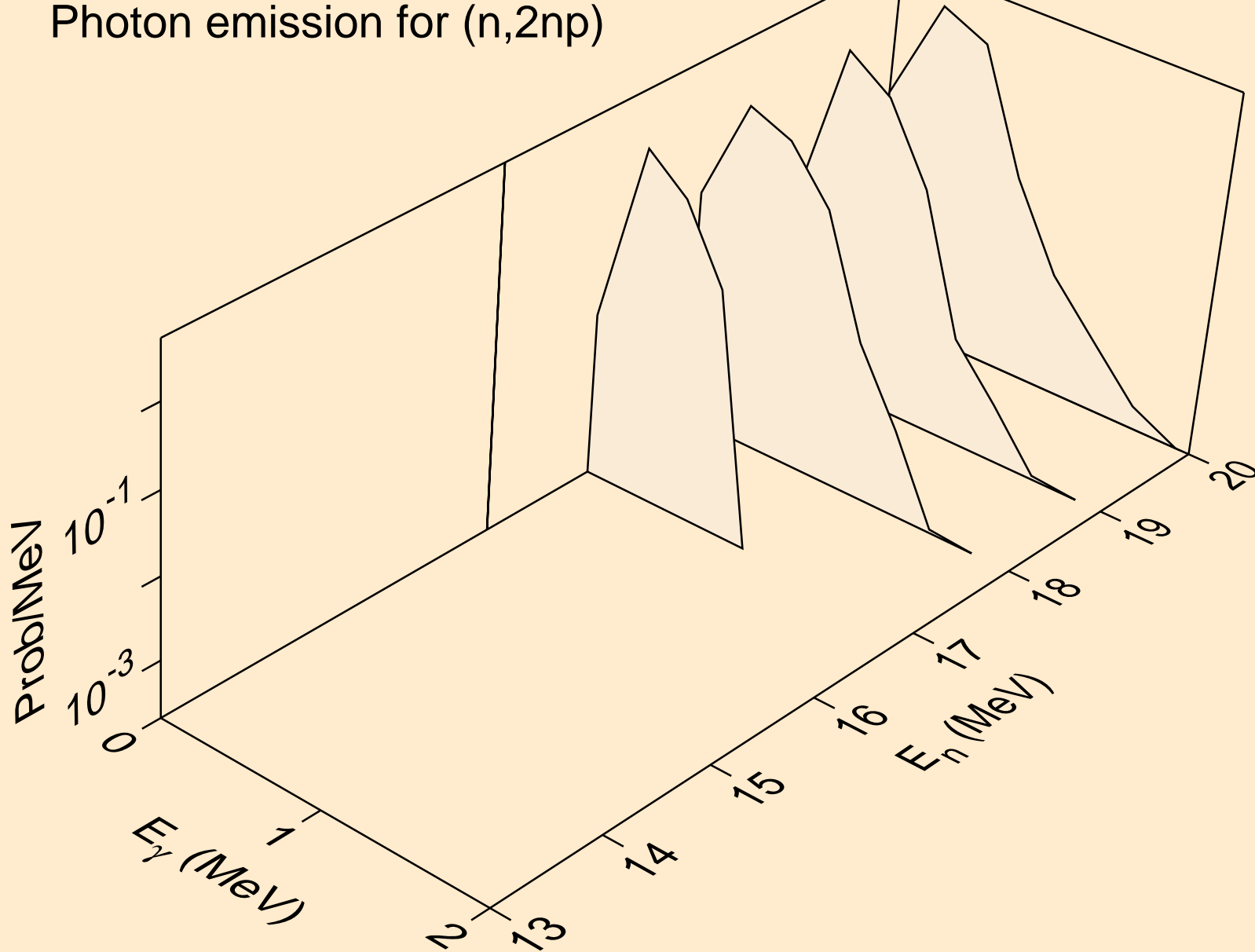
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Photon emission for (n,2n)a



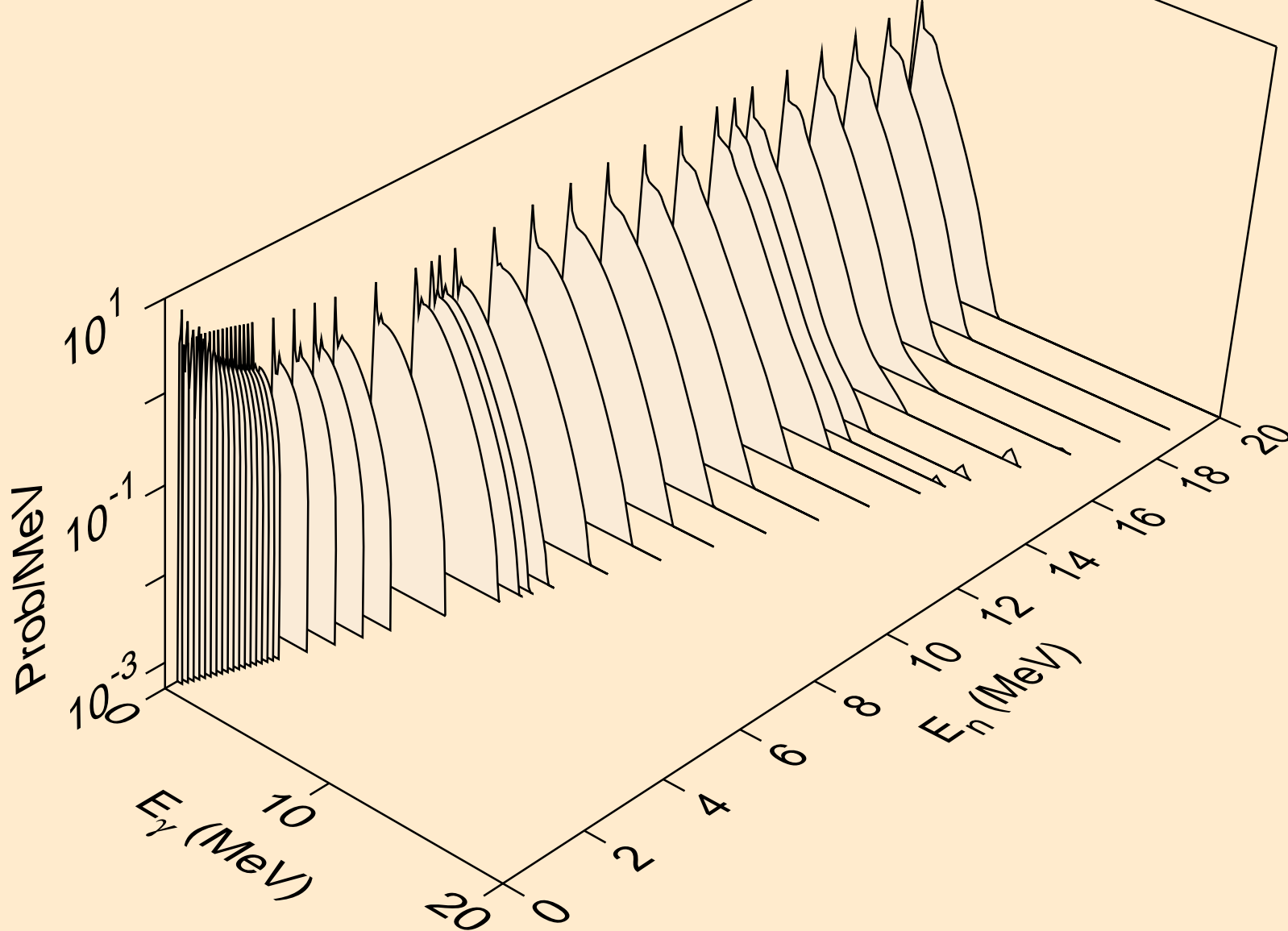
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Photon emission for (n,n*)p



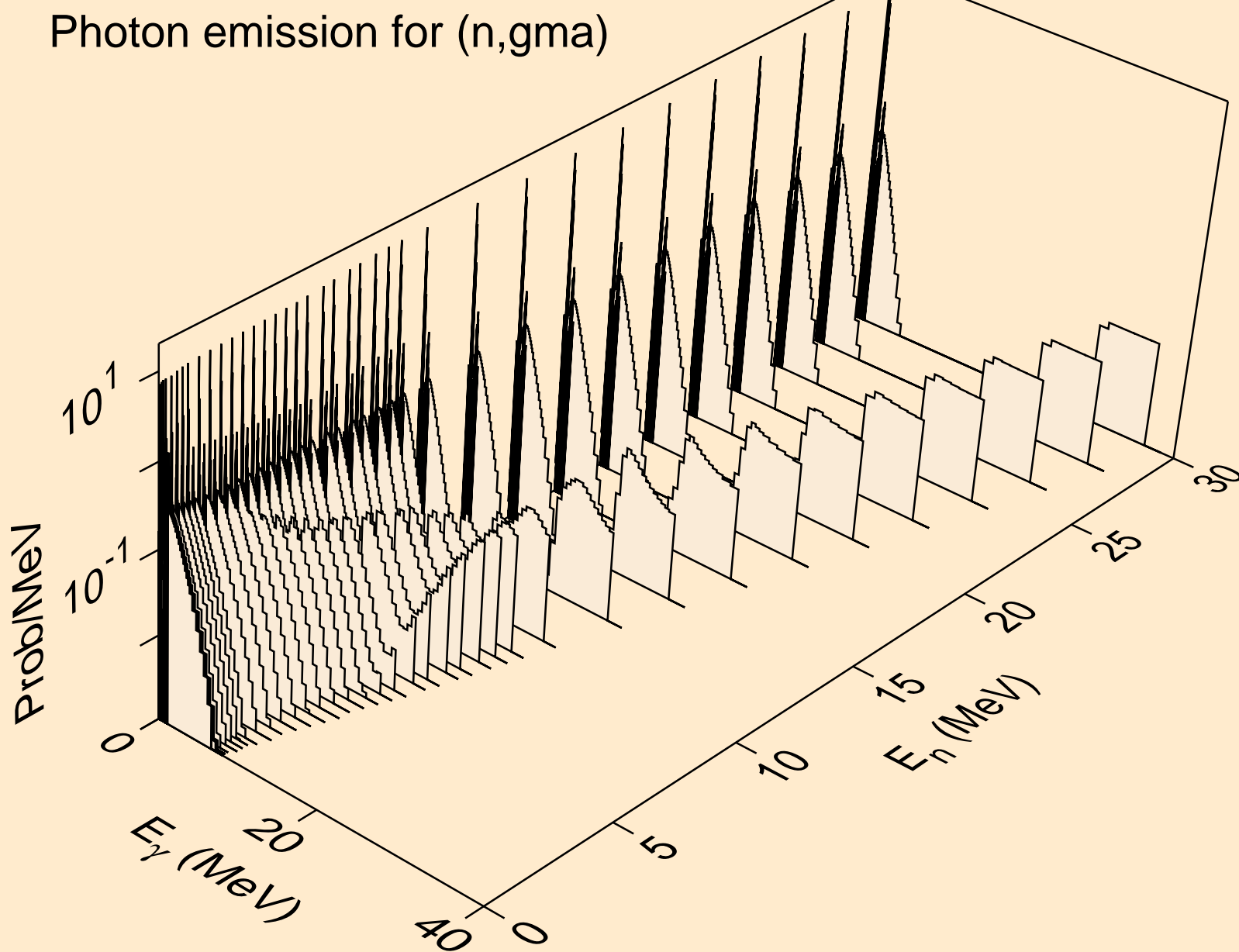
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Photon emission for (n,2np)



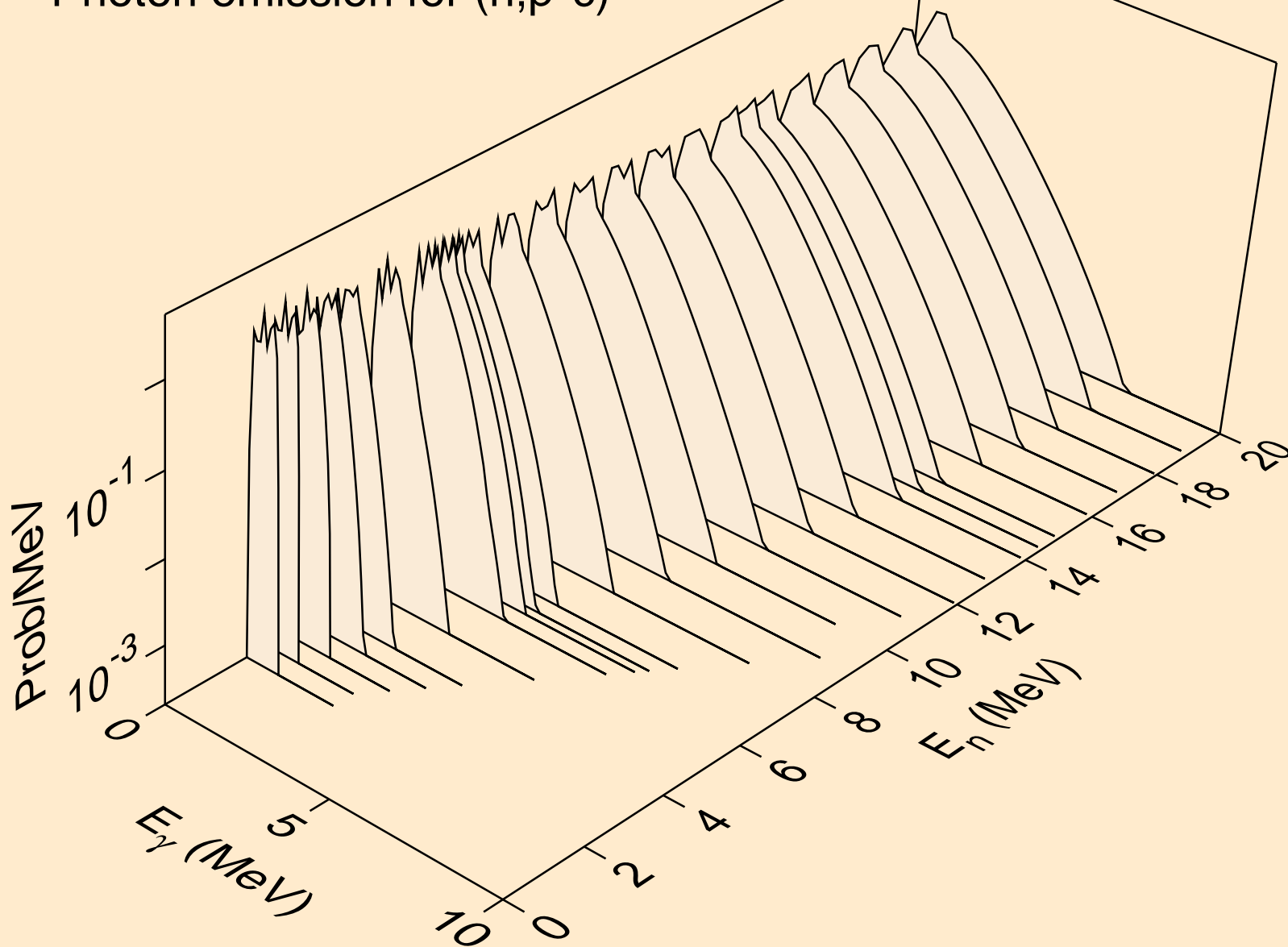
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Photon emission for (n,n*c)



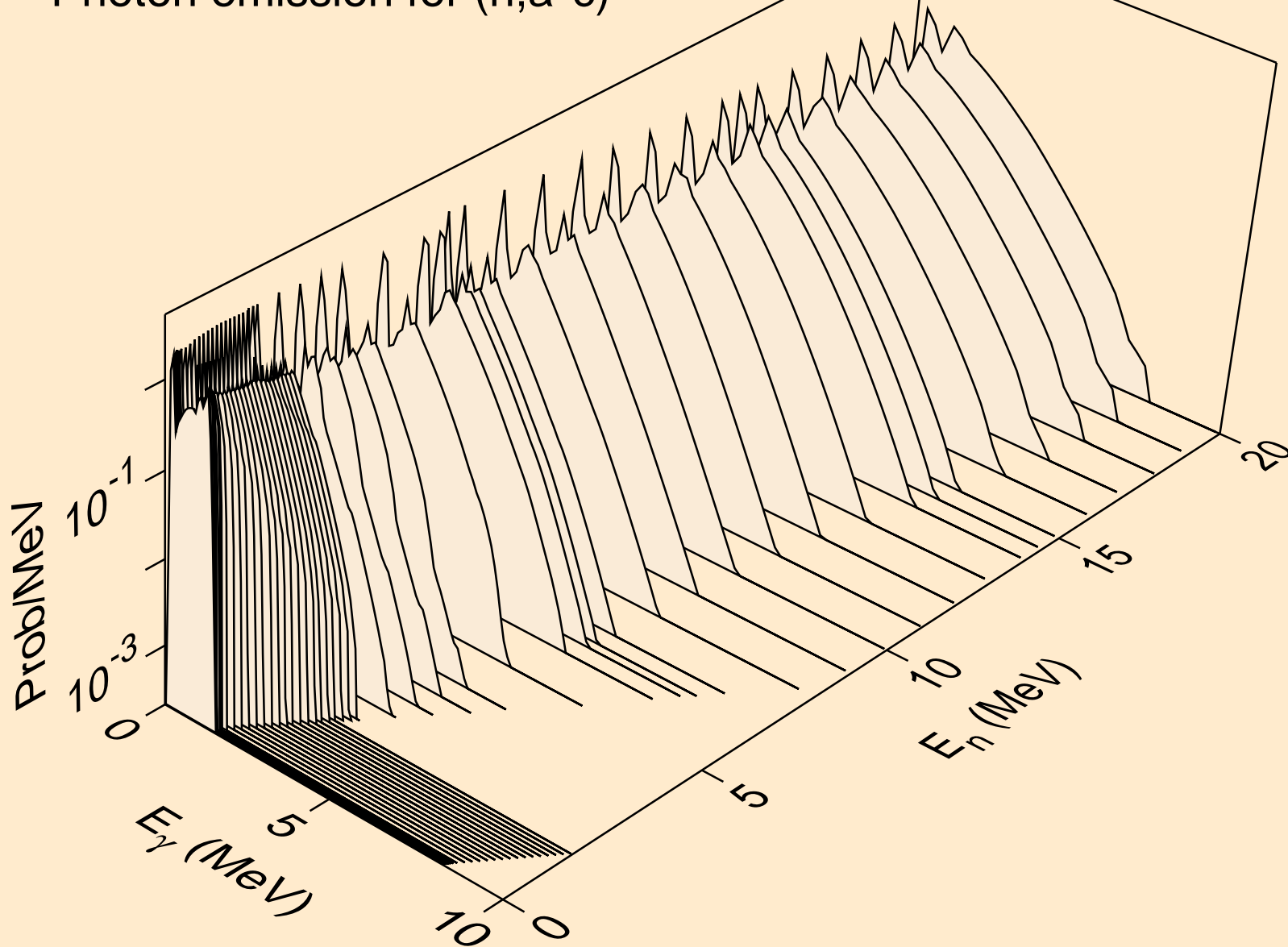
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Photon emission for (n,gma)



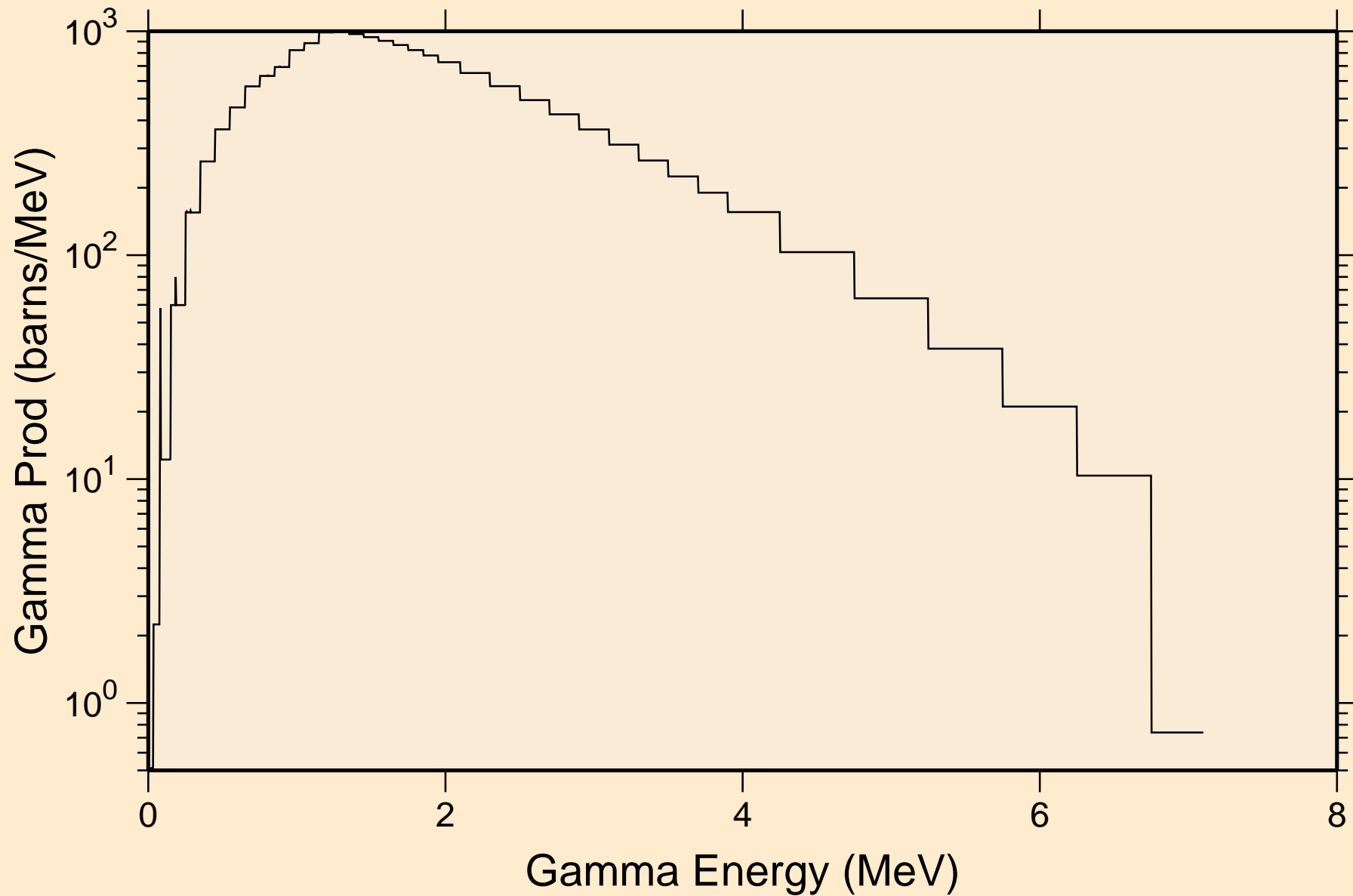
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Photon emission for (n,p*c)



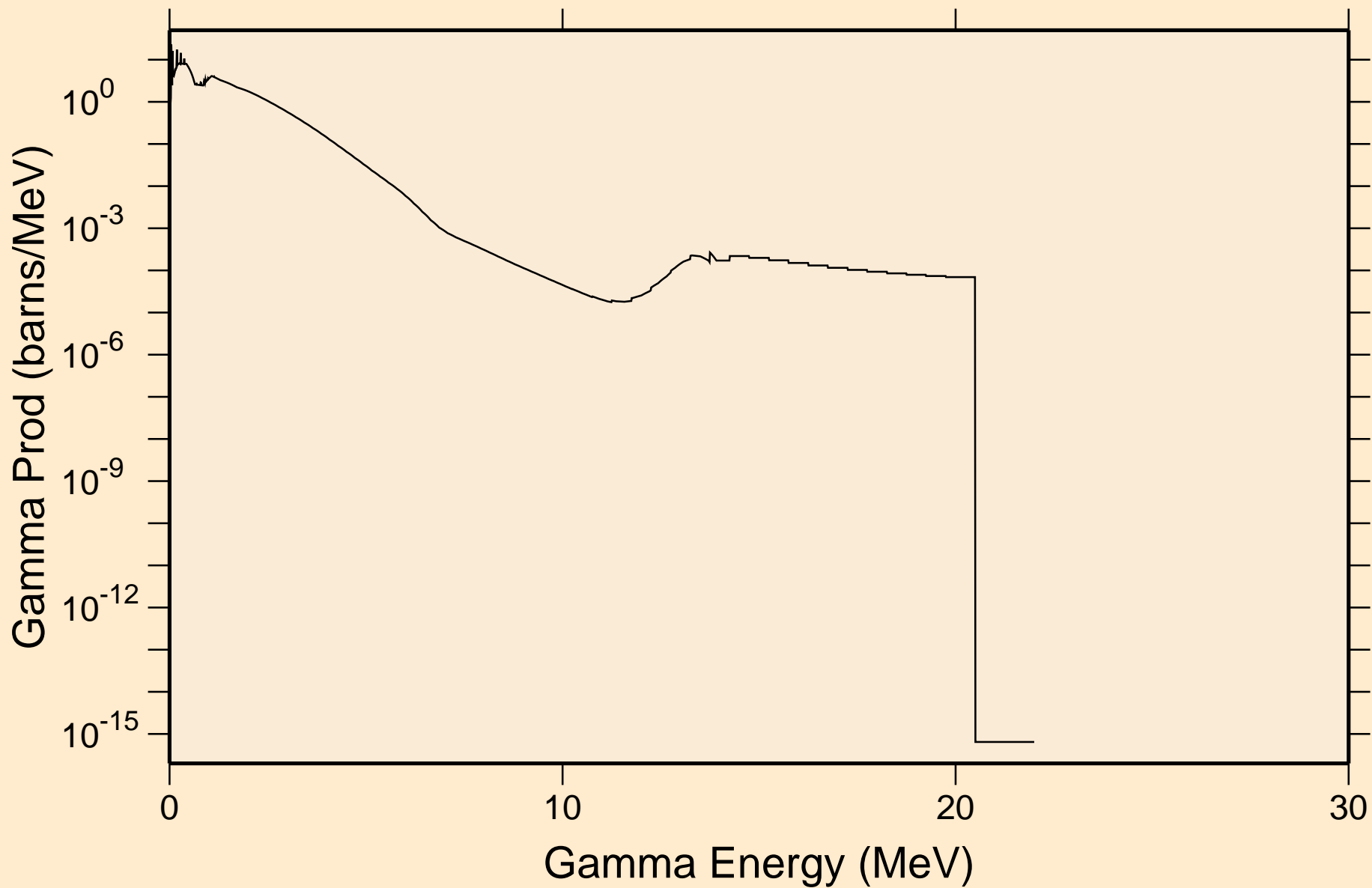
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Photon emission for (n,a*c)



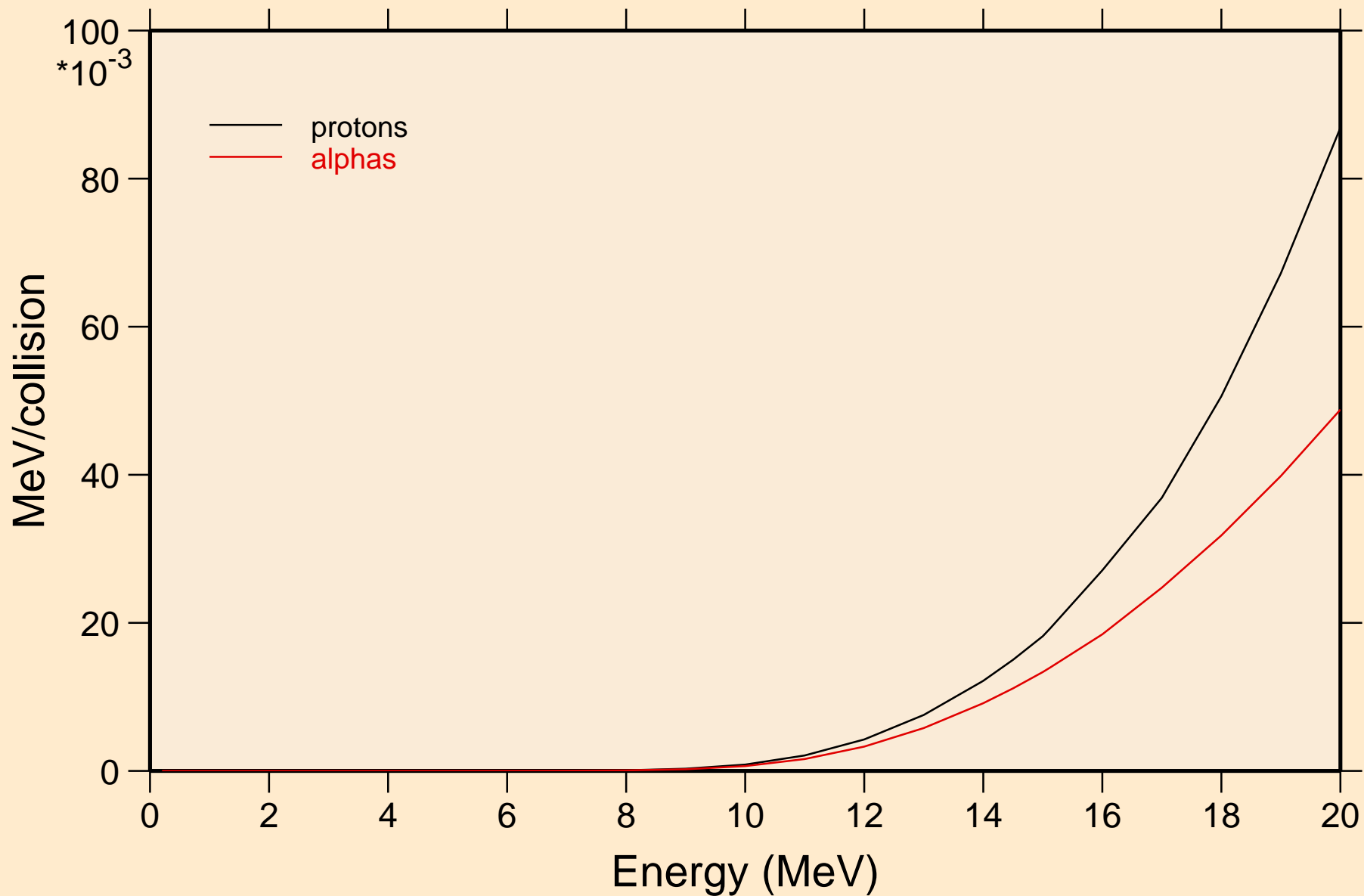
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thermal capture photon spectrum



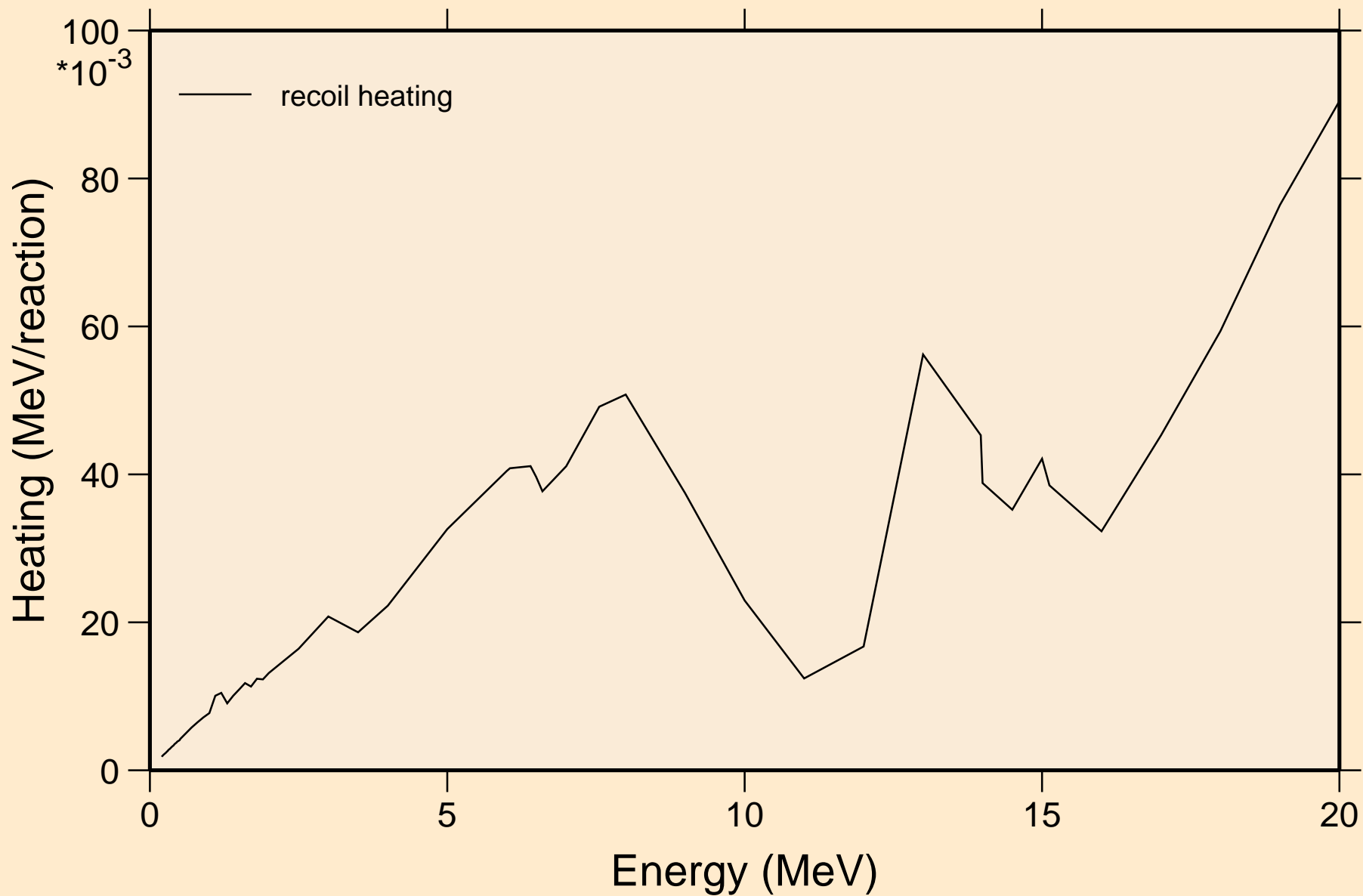
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14 MeV photon spectrum



MAT=6640 ACE FILE PRODUCED AT NEA WITH NDEC
Particle heating contributions

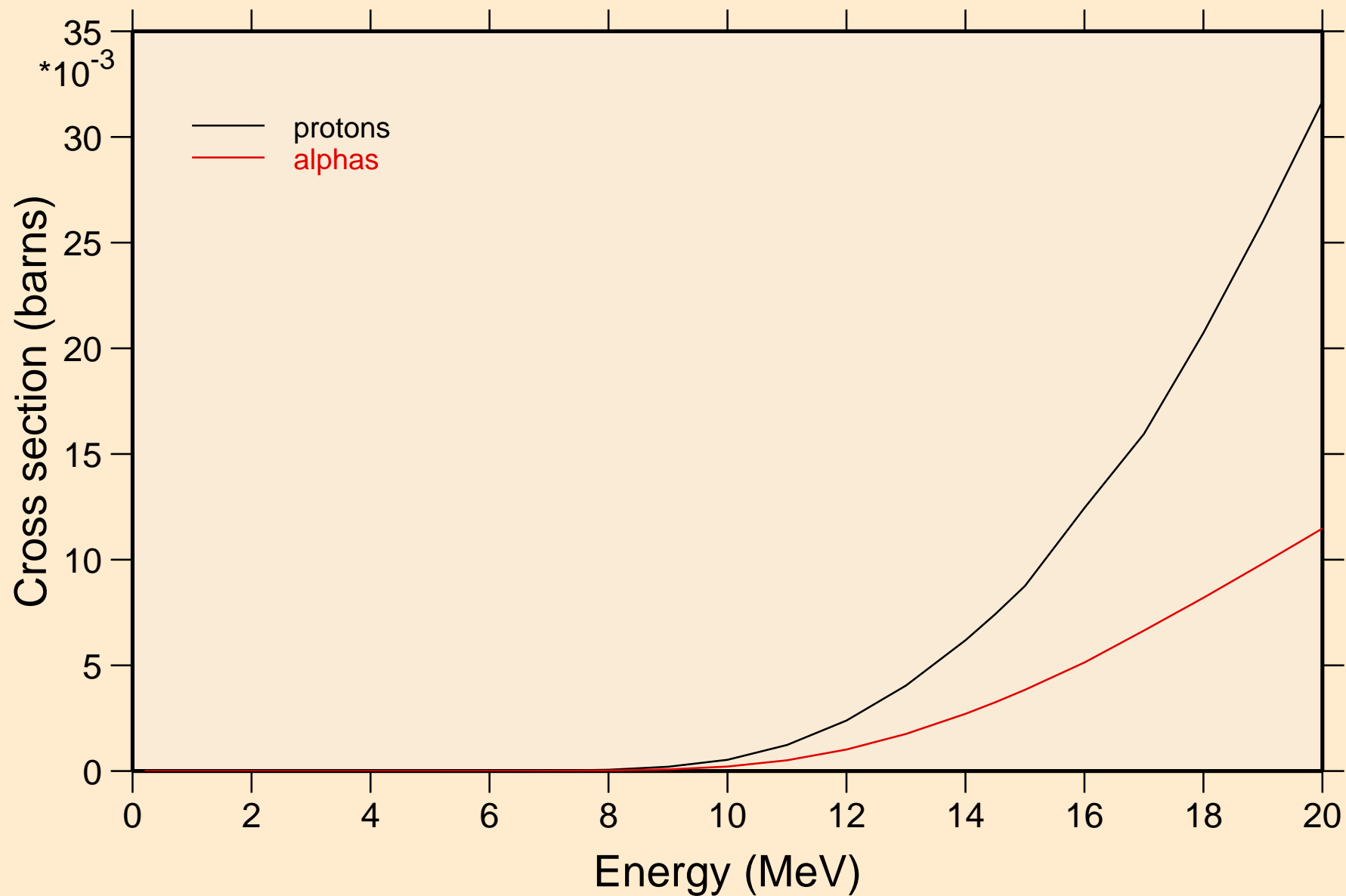


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Recoil Heating

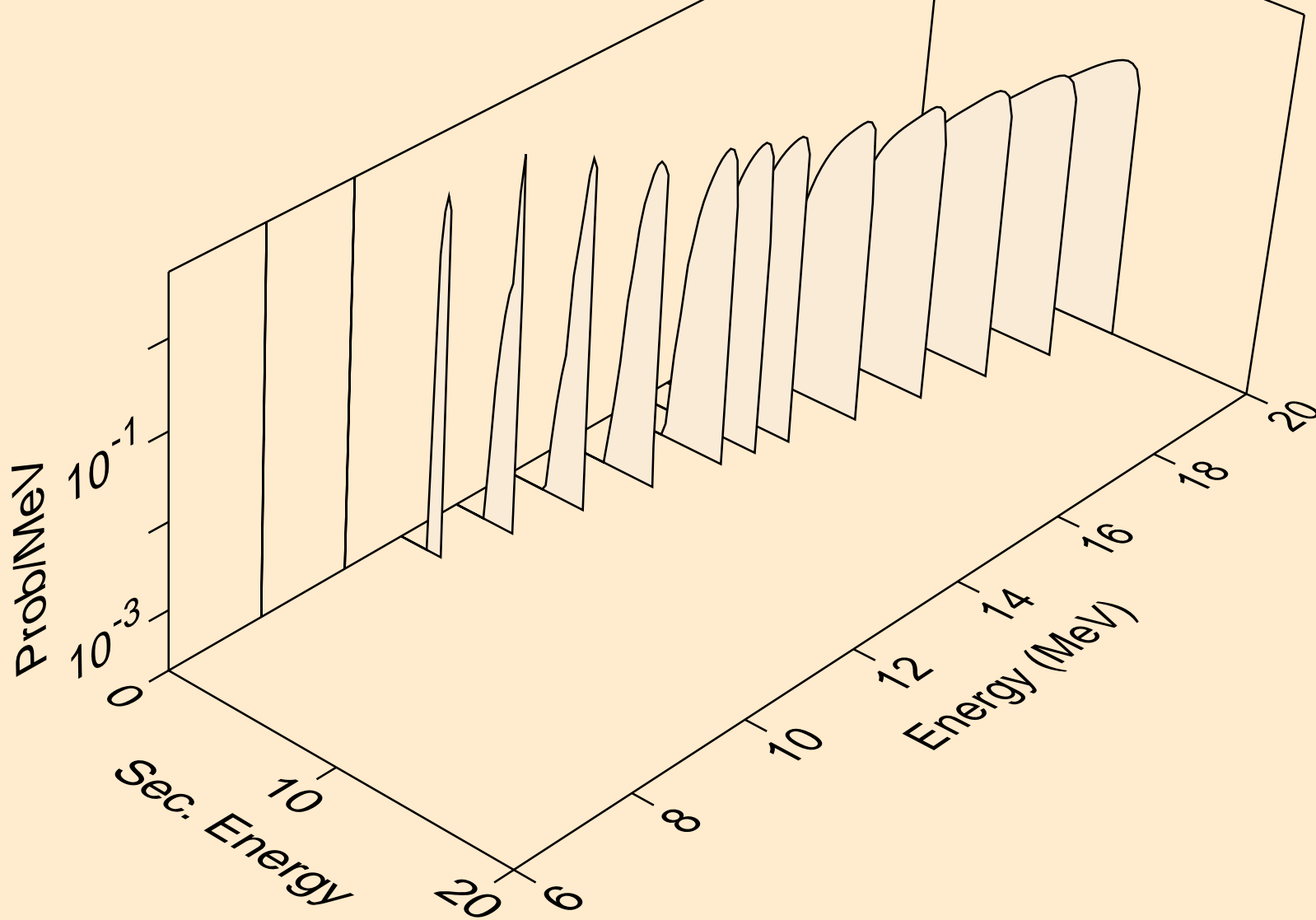


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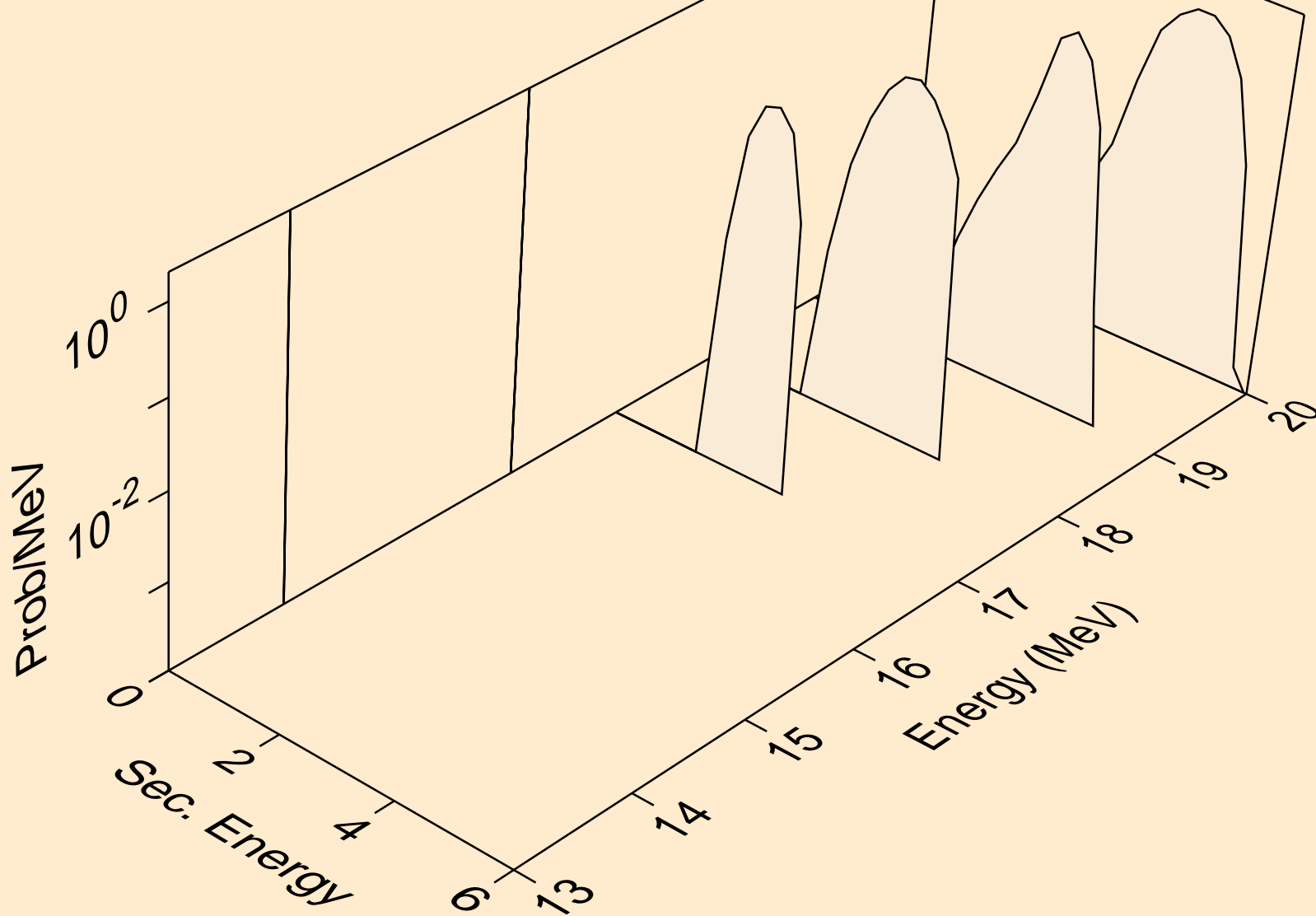
Particle production cross sections



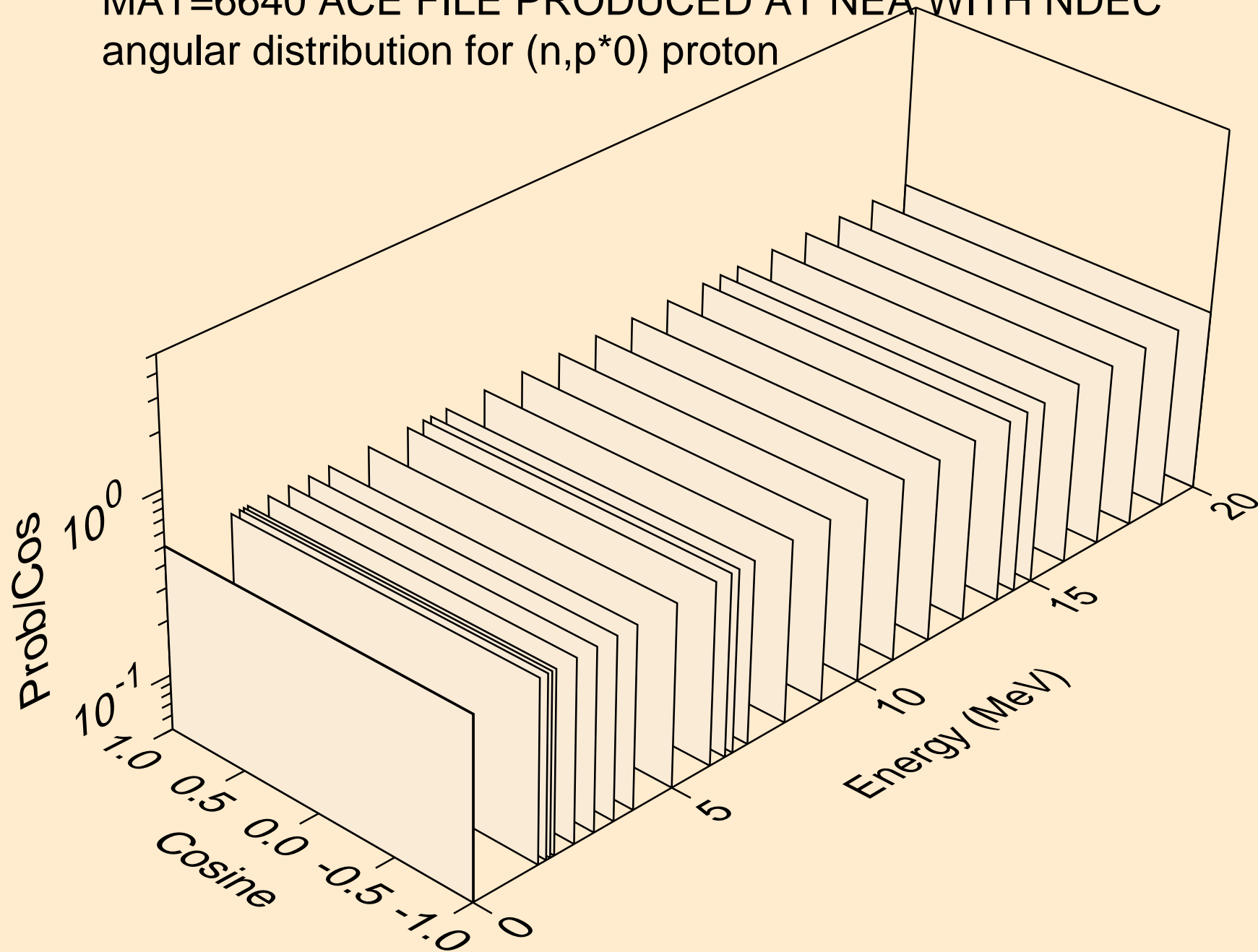
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protons from (n,n*)p



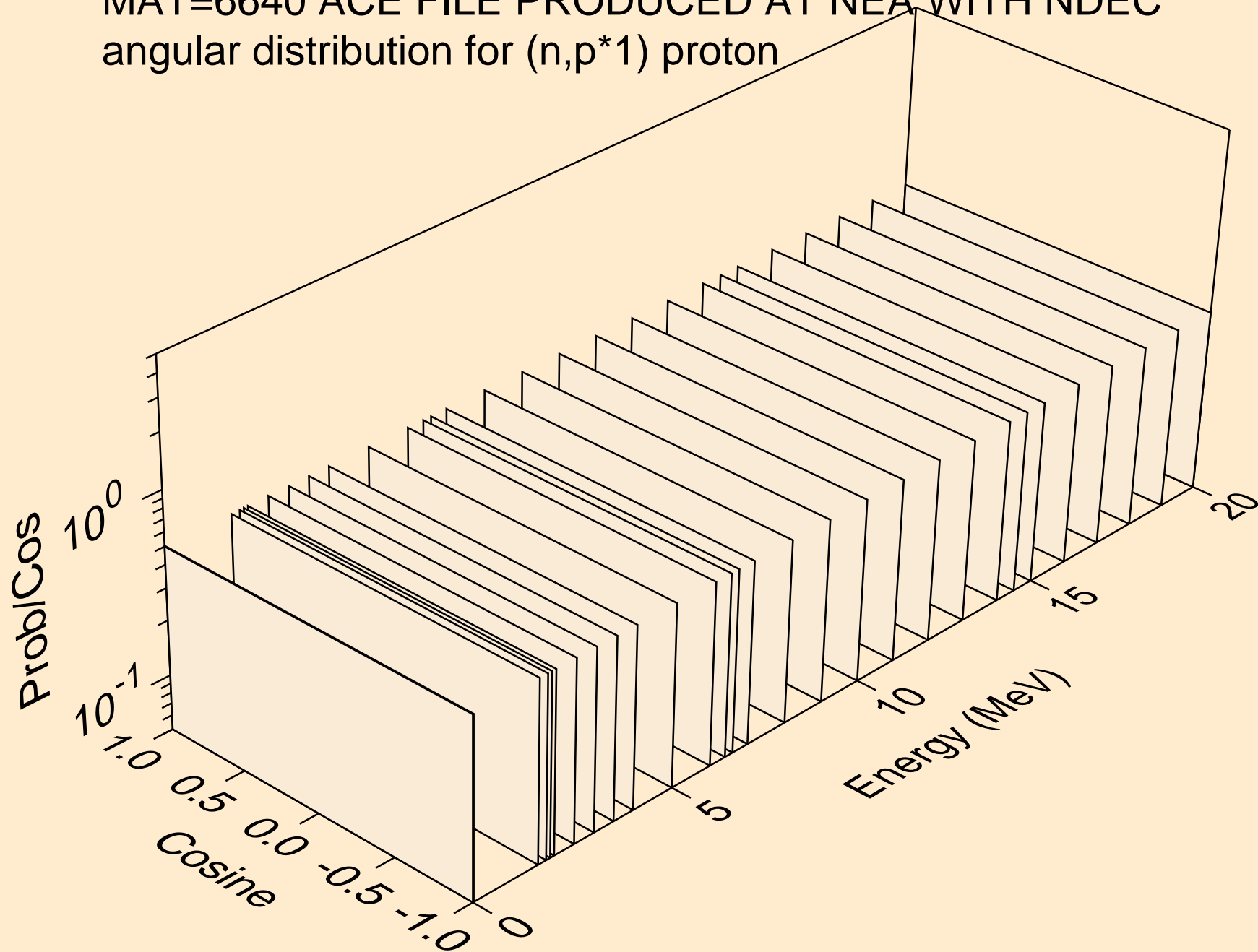
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protons from (n,2np)



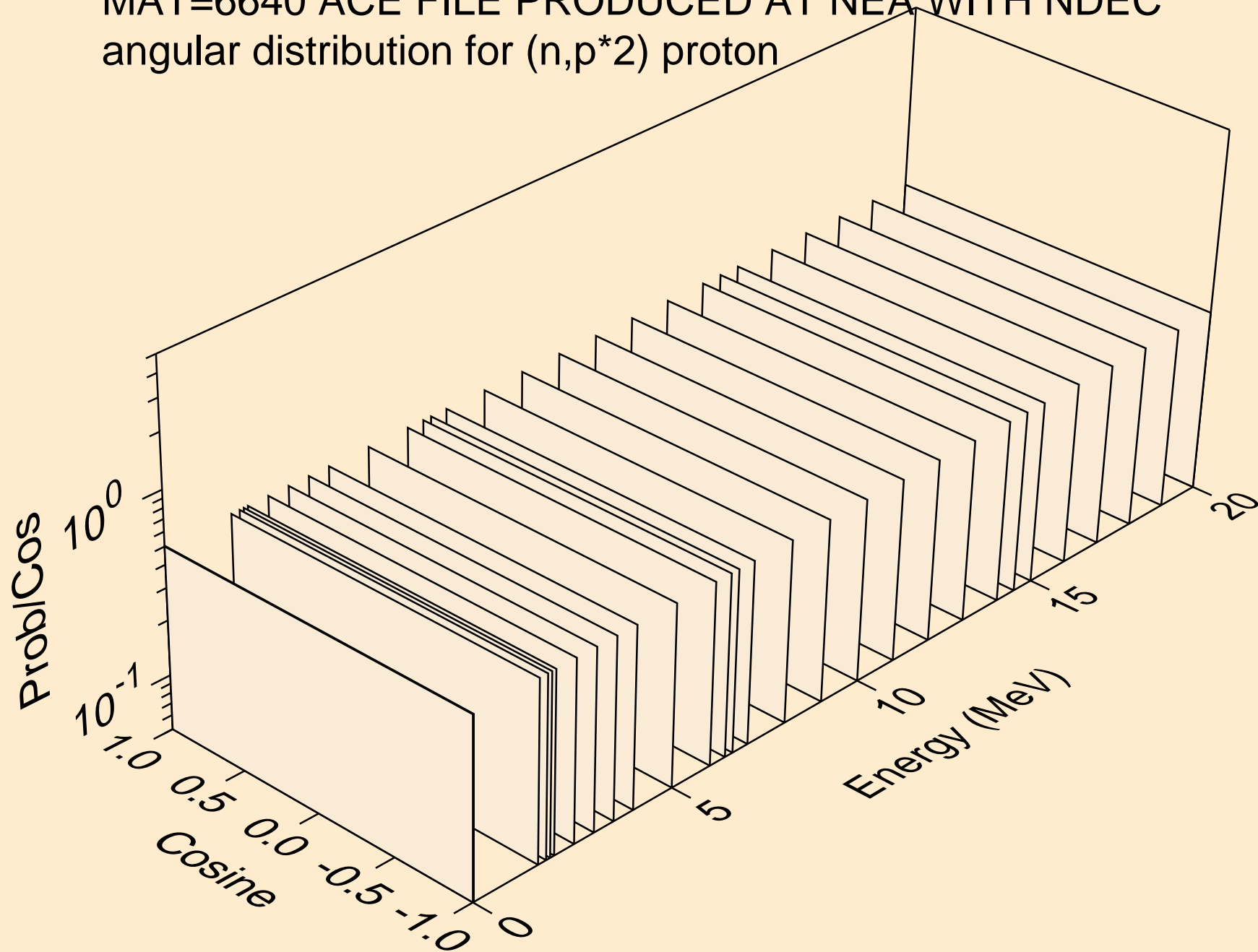
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angular distribution for (n,p*0) proton



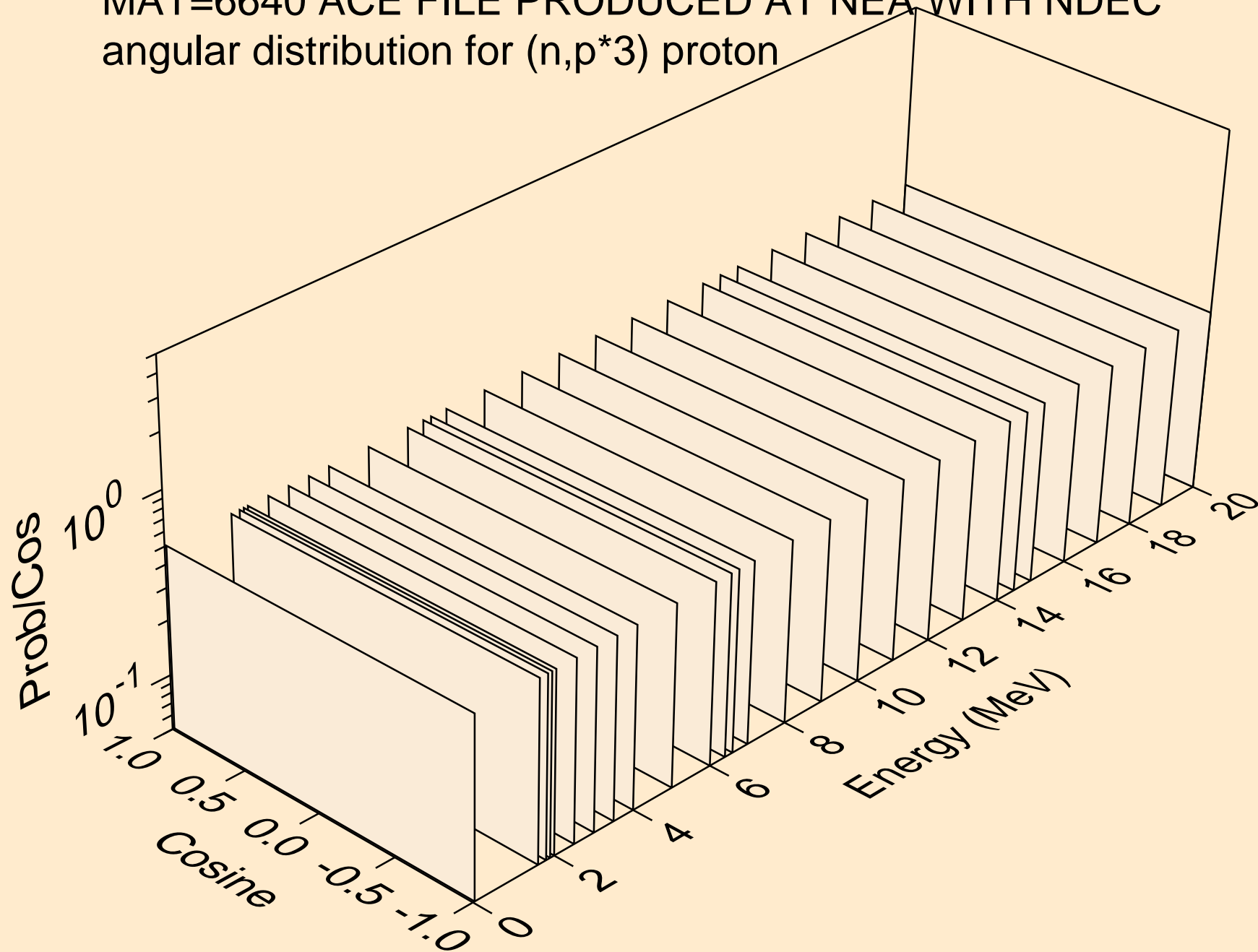
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angular distribution for (n,p*1) proton



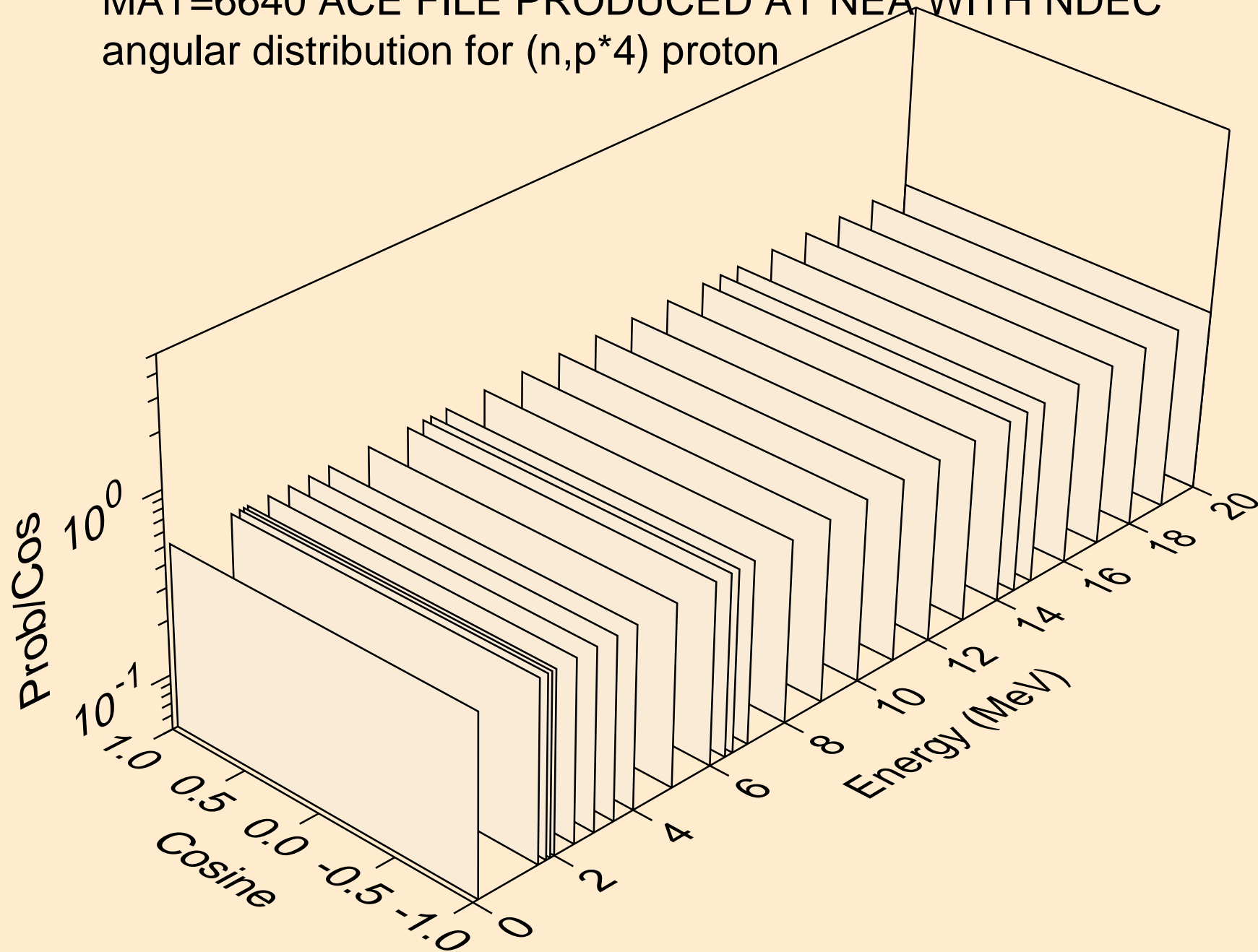
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angular distribution for (n,p*2) proton



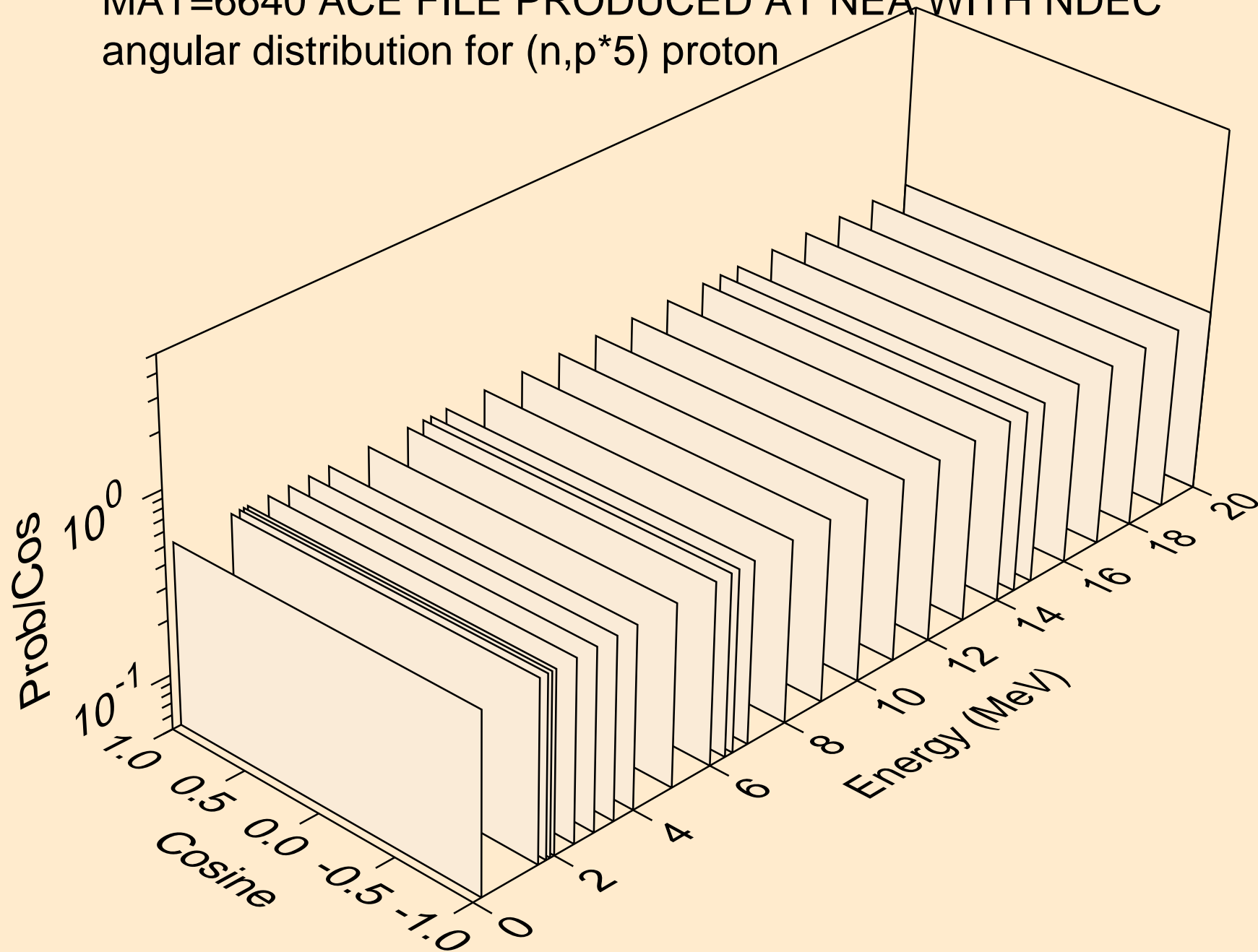
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angular distribution for (n,p*3) proton



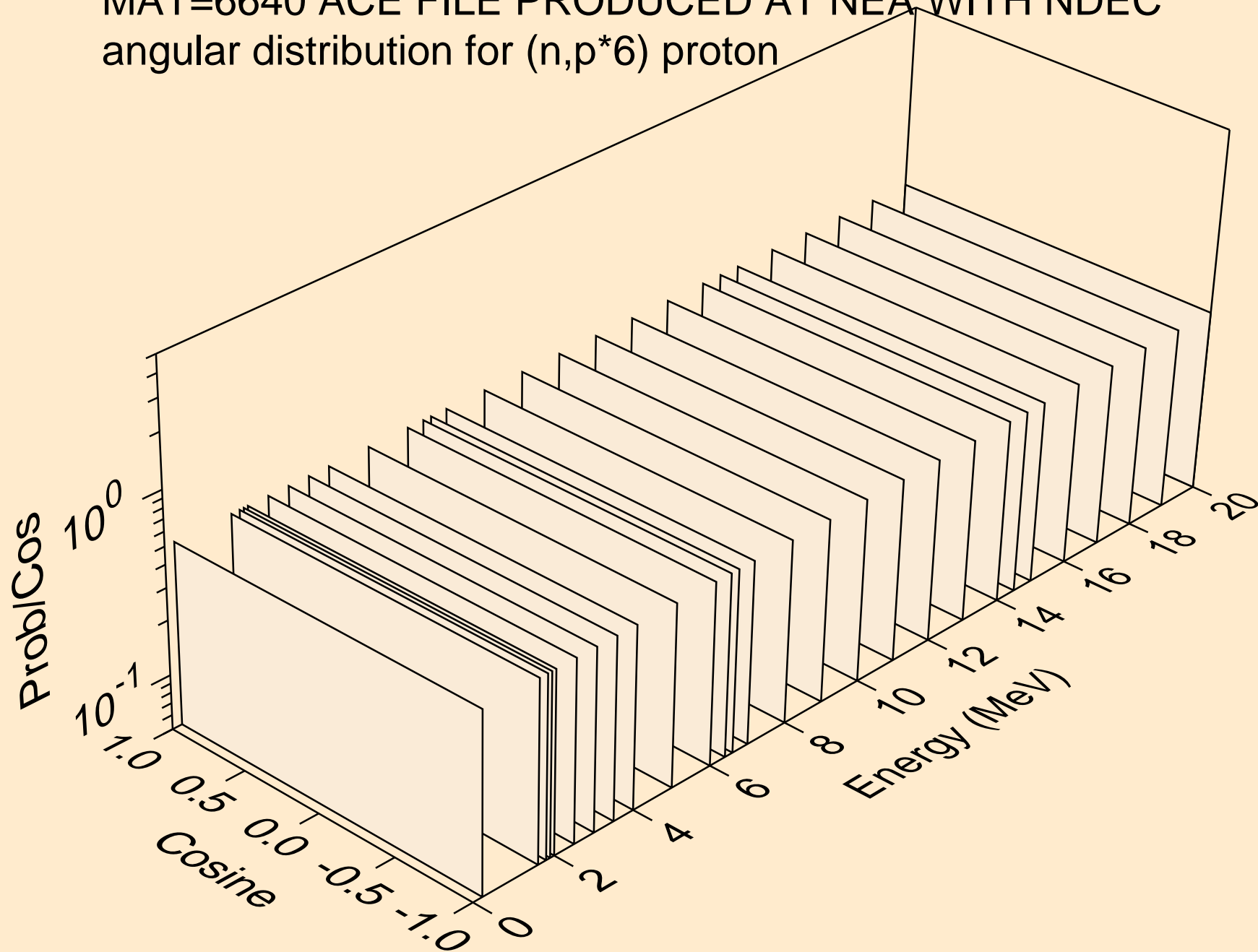
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angular distribution for (n,p*4) proton



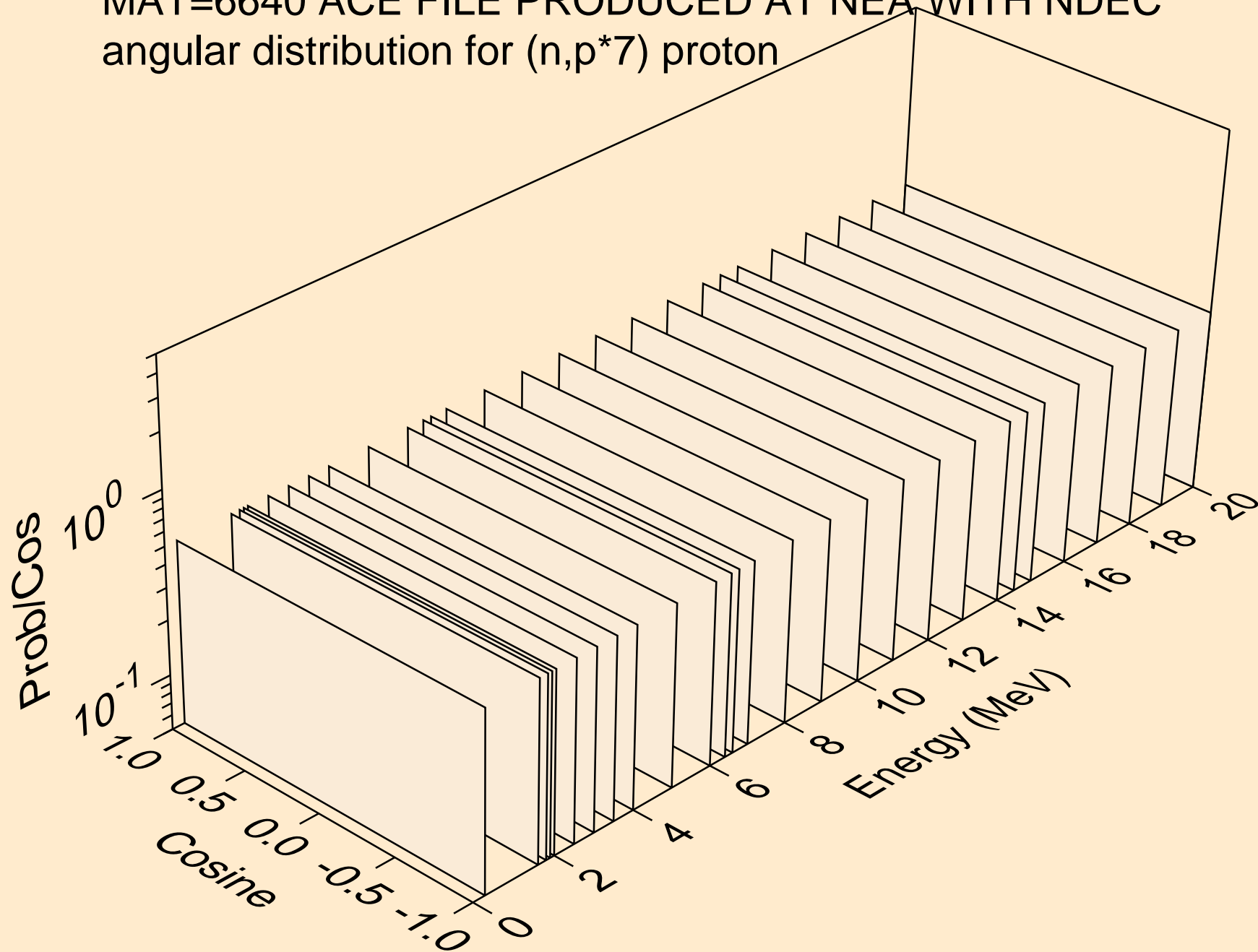
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angular distribution for (n,p*5) proton



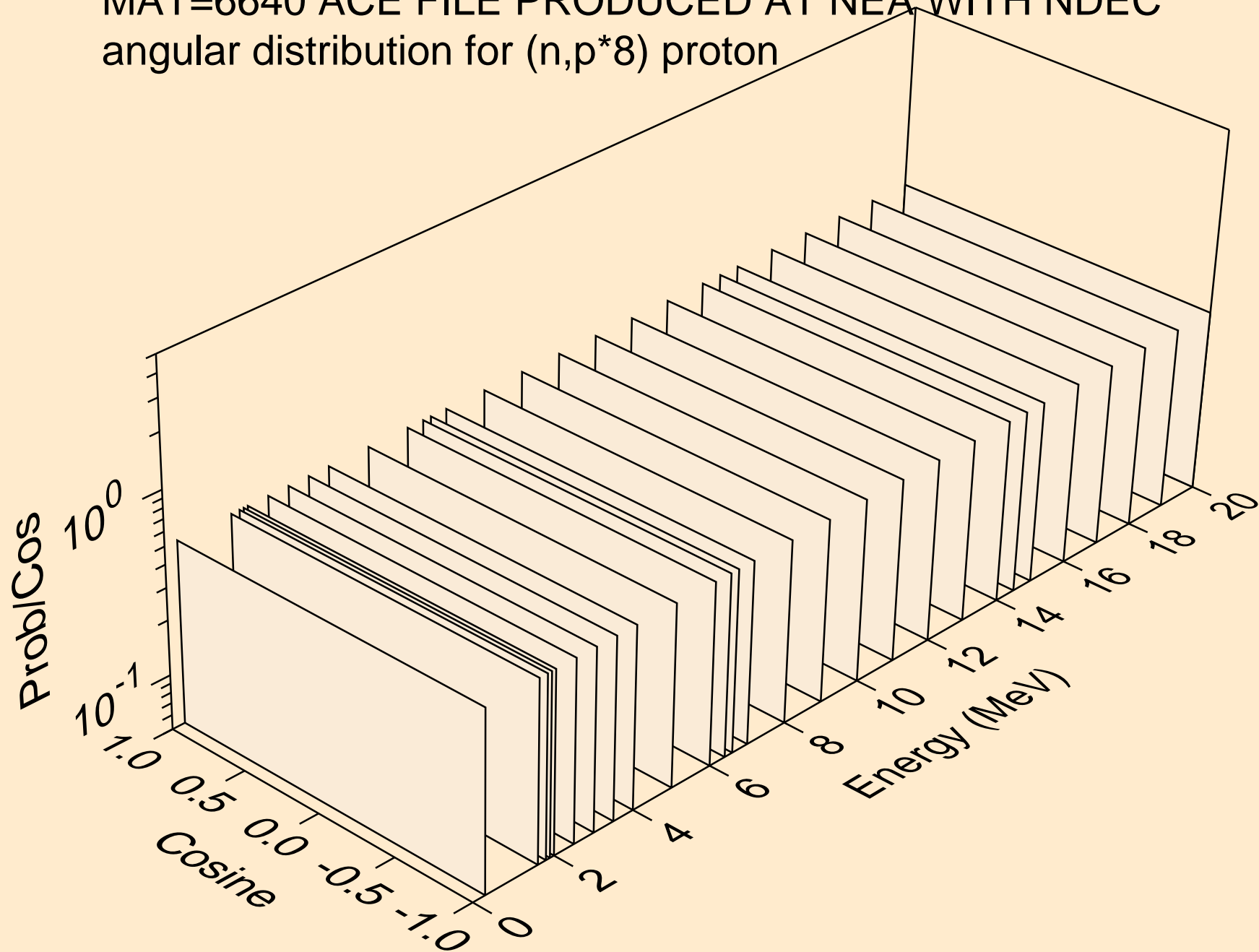
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angular distribution for (n,p*6) proton



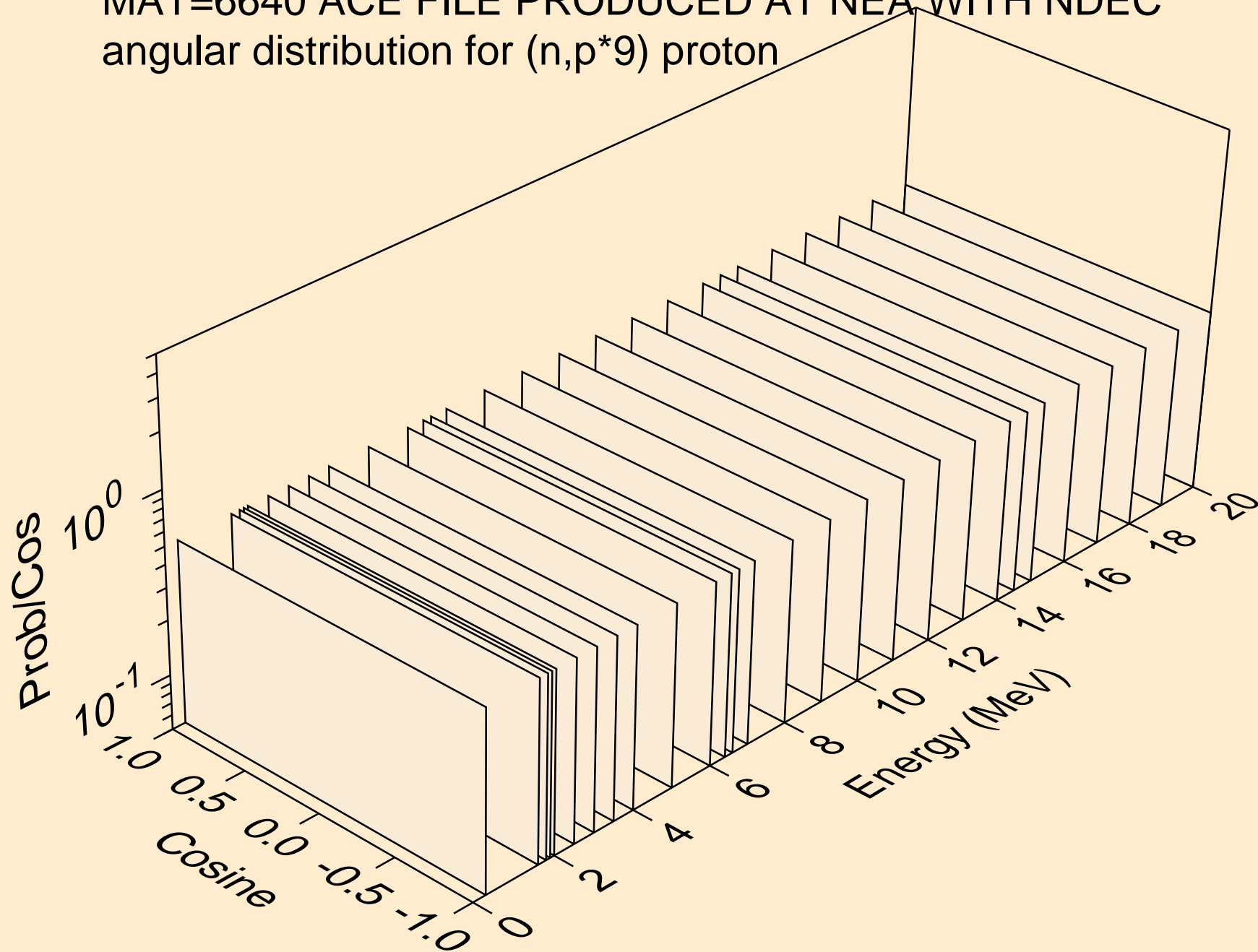
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angular distribution for (n,p*7) proton



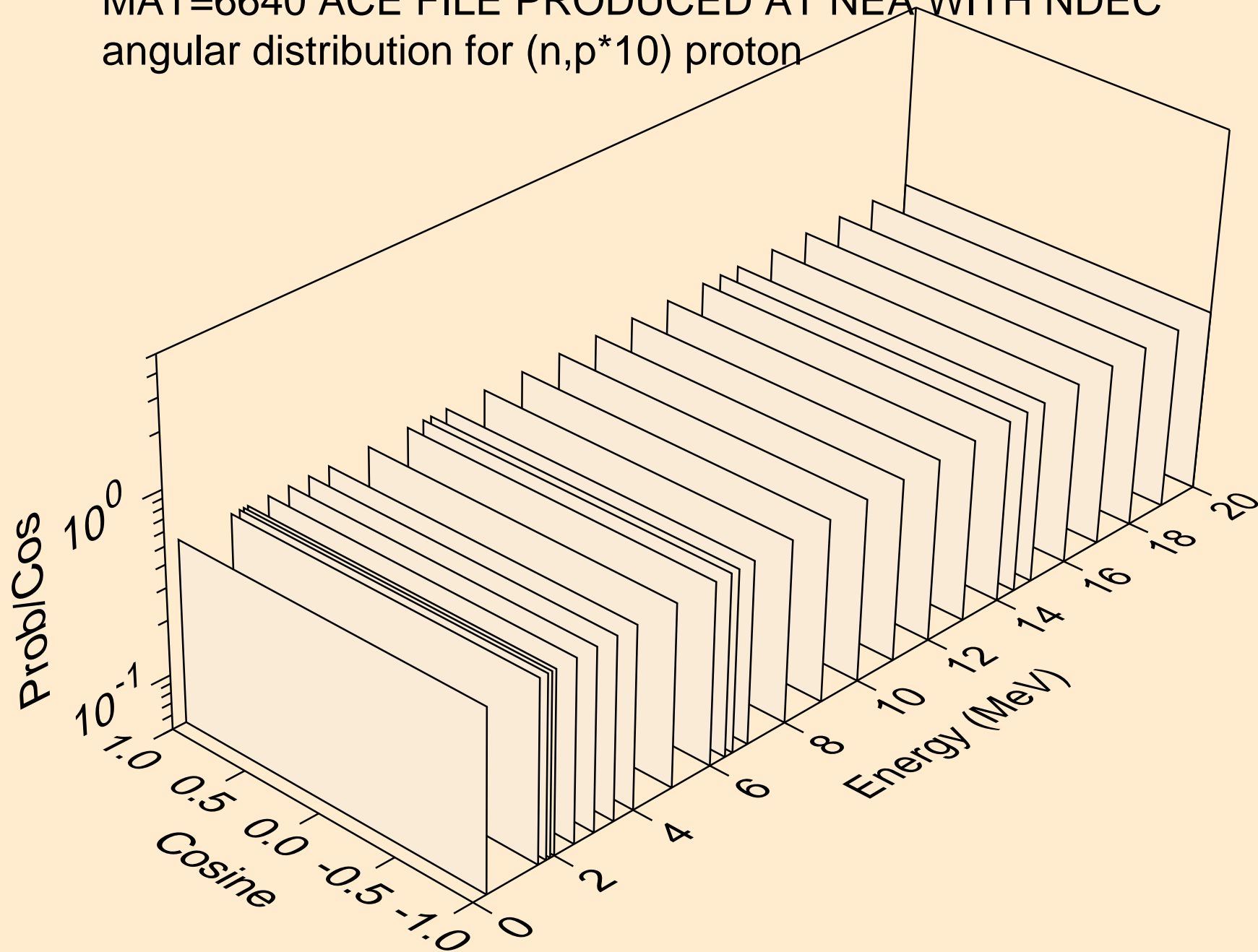
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angular distribution for (n,p*8) proton



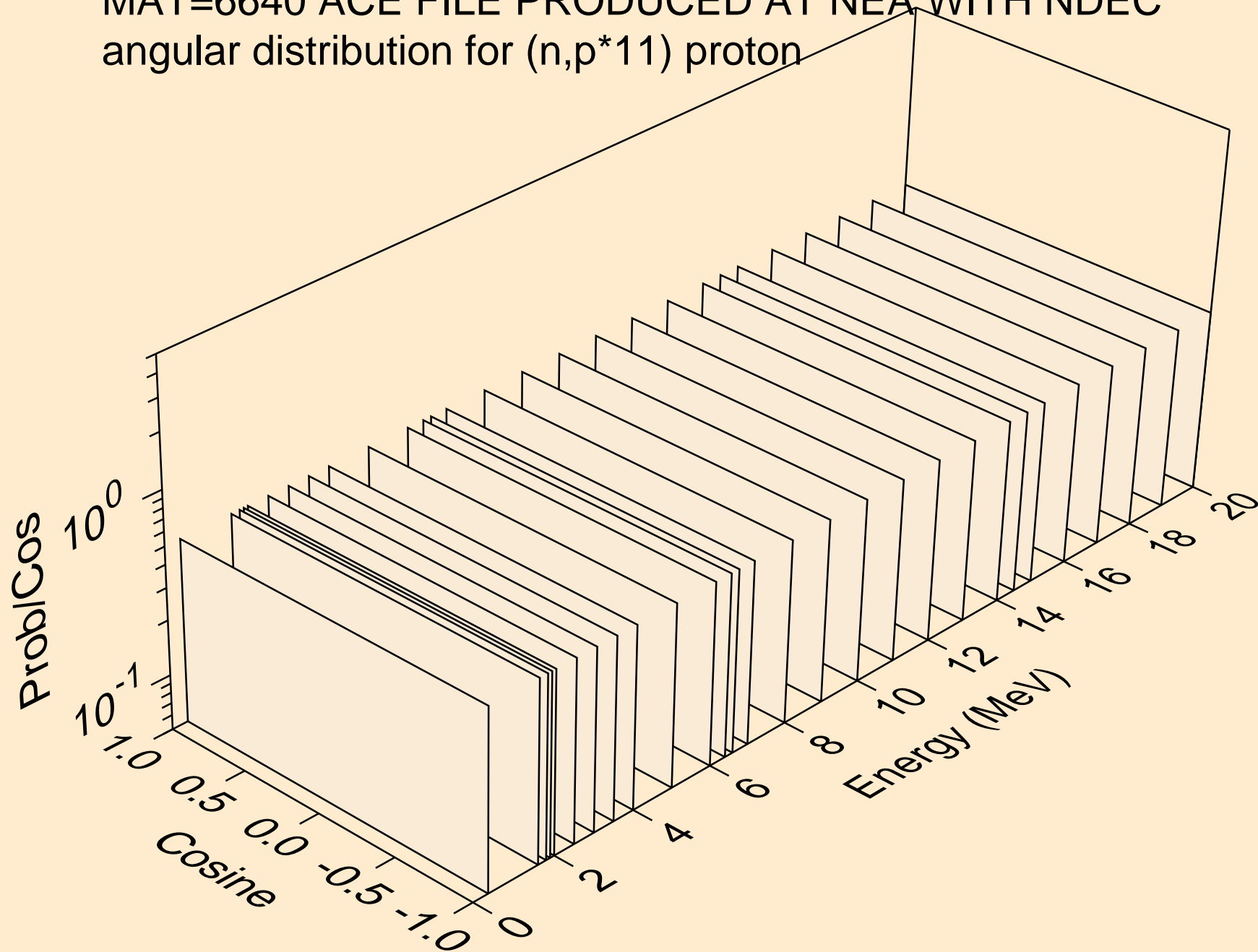
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angular distribution for (n,p*9) proton



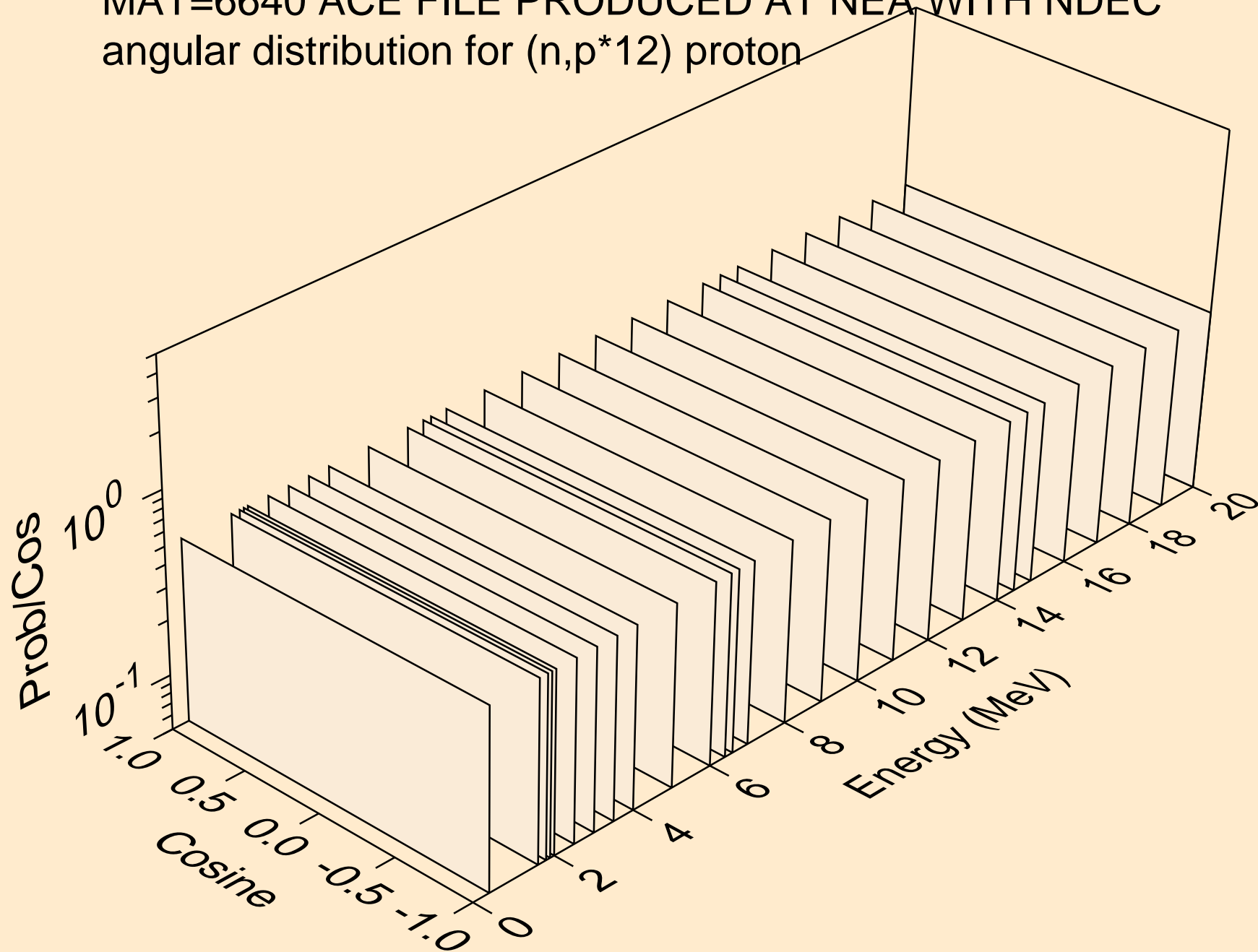
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angular distribution for (n,p*10) proton



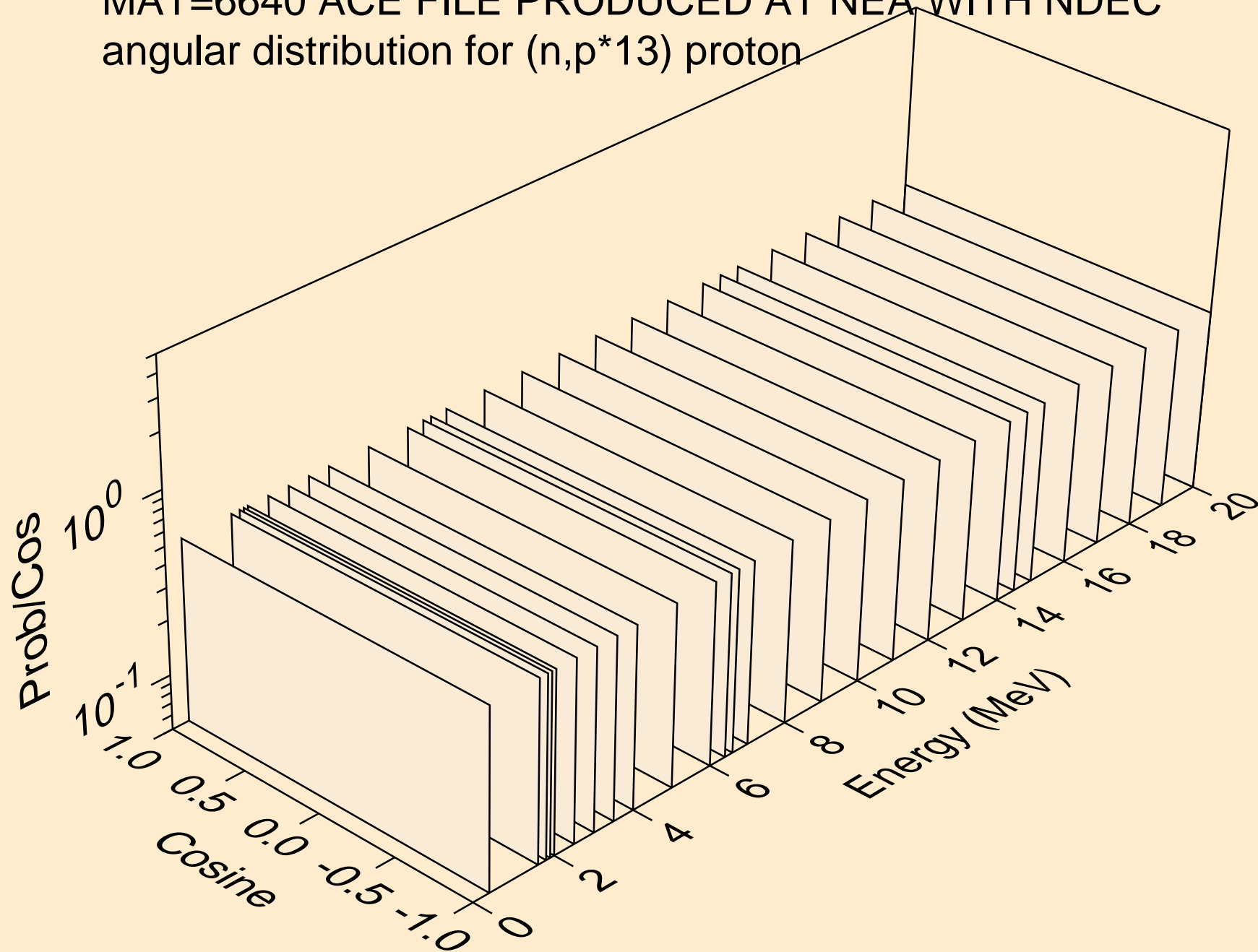
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angular distribution for (n,p*11) proton



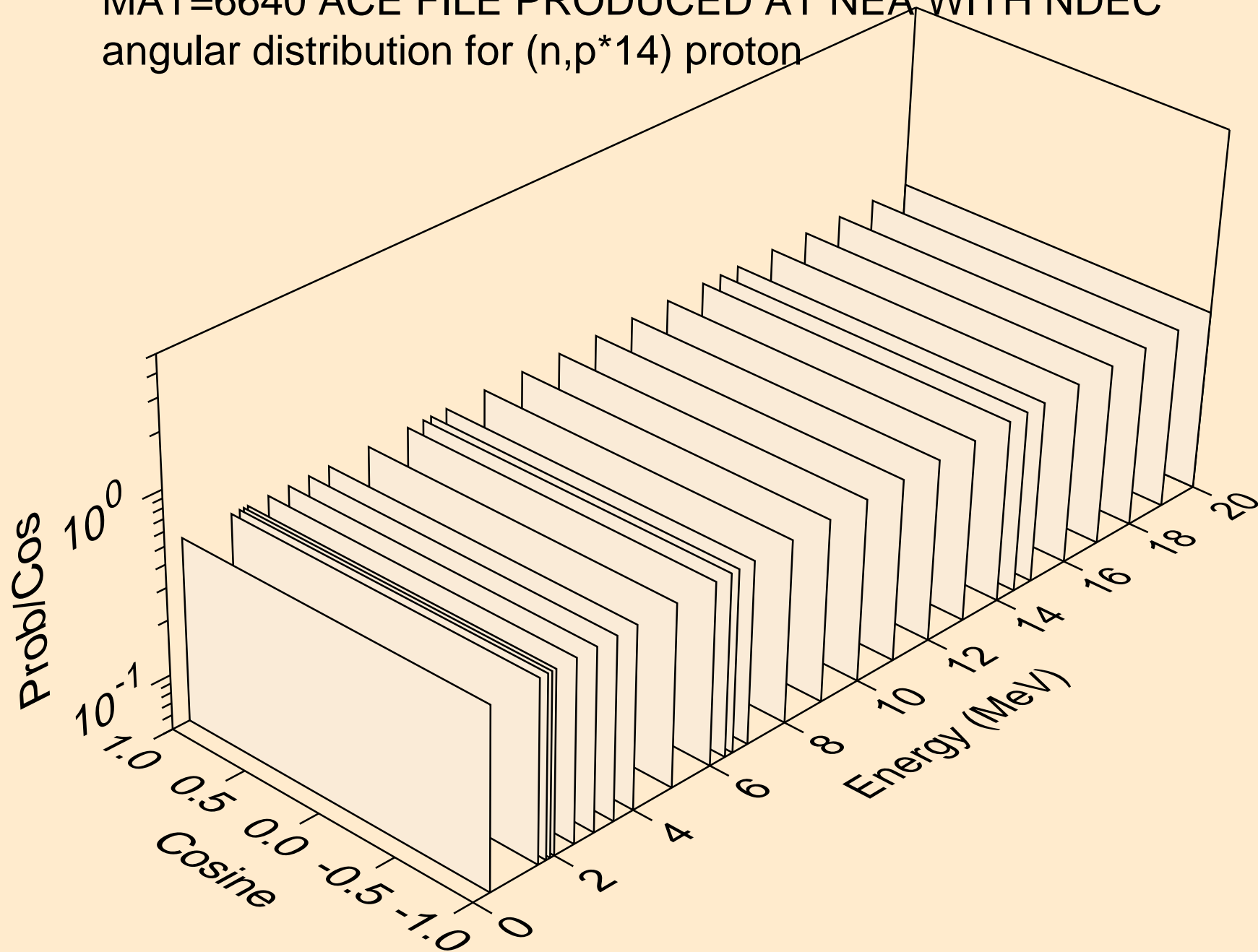
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angular distribution for (n,p*12) proton



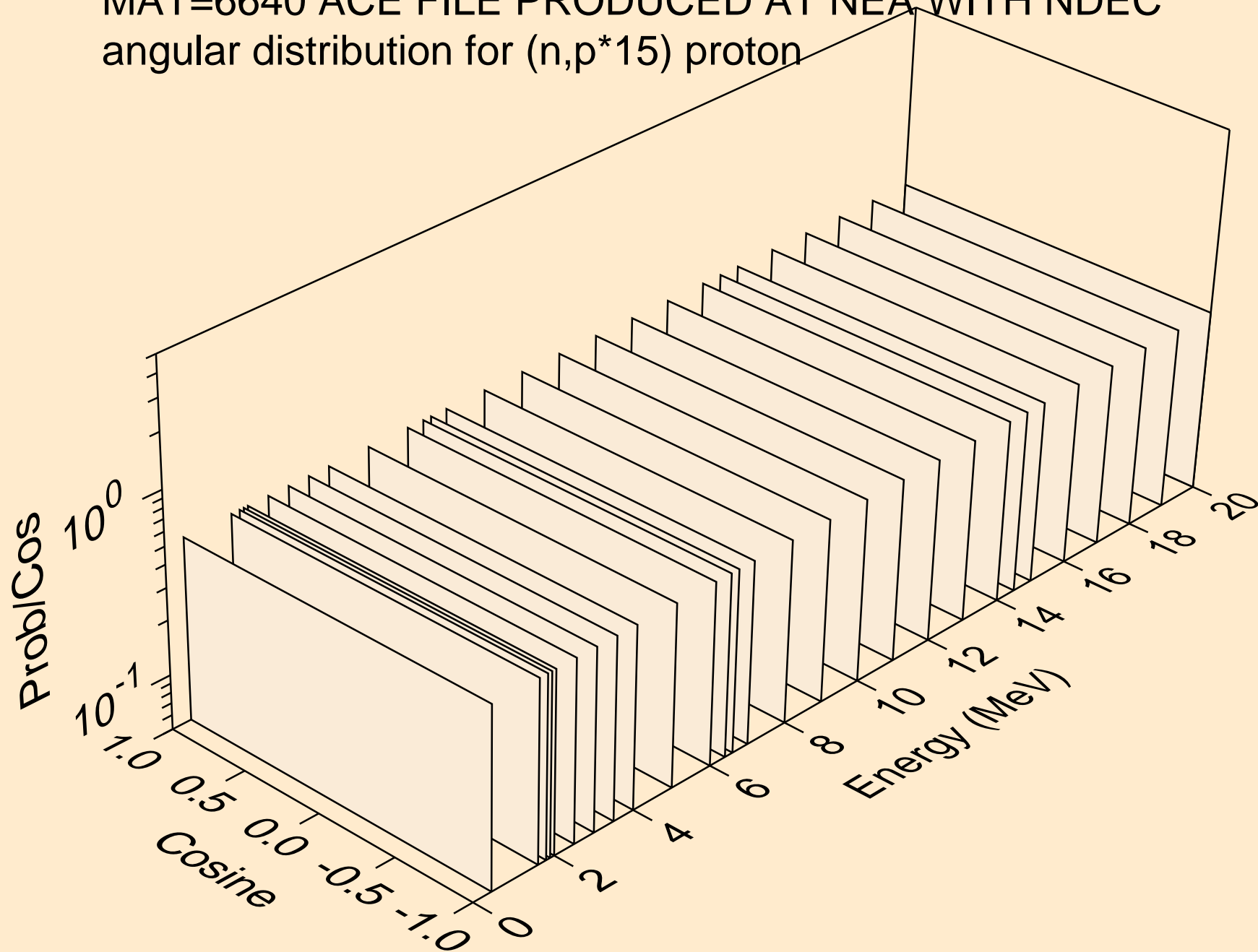
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angular distribution for (n,p*13) proton



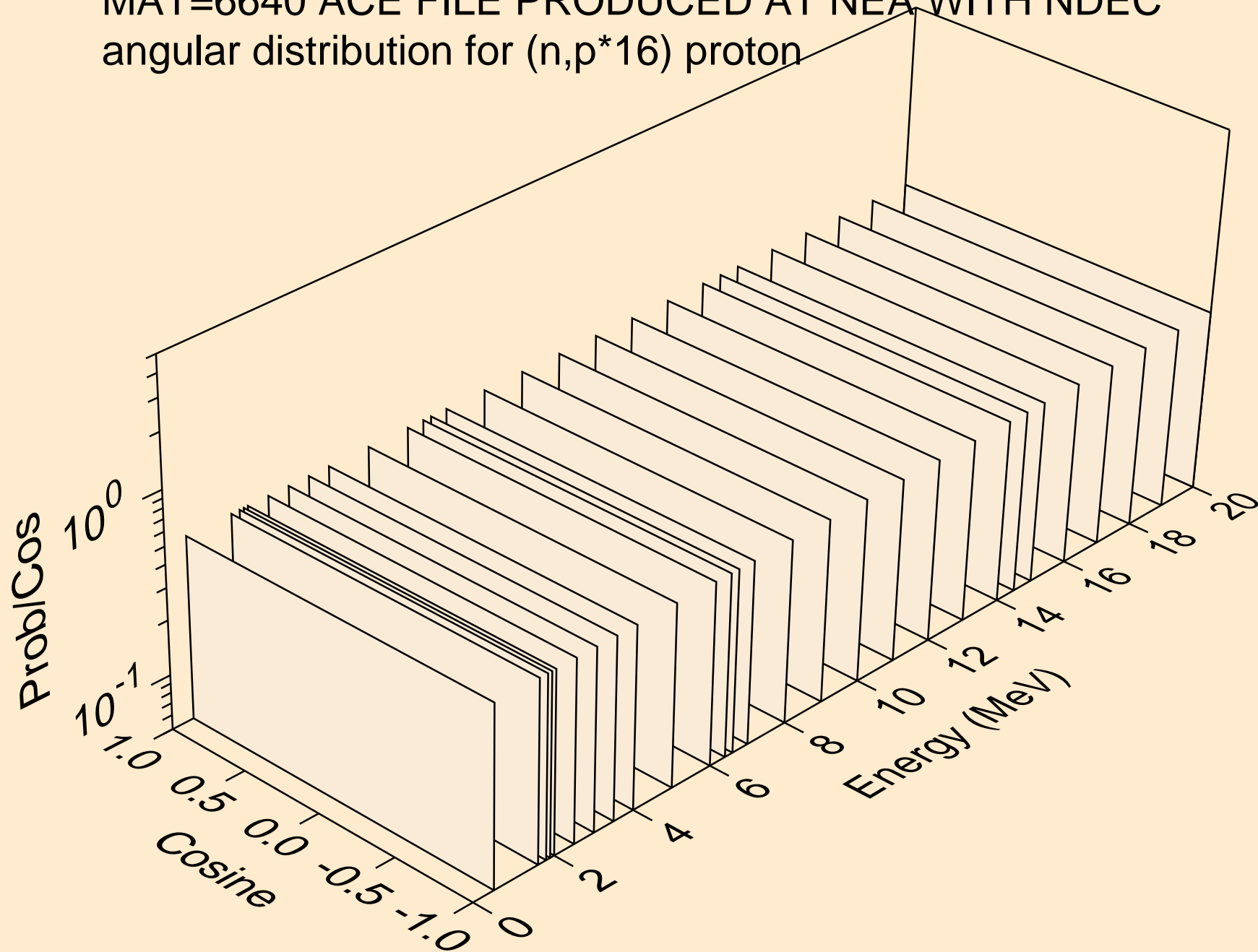
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angular distribution for (n,p*14) proton



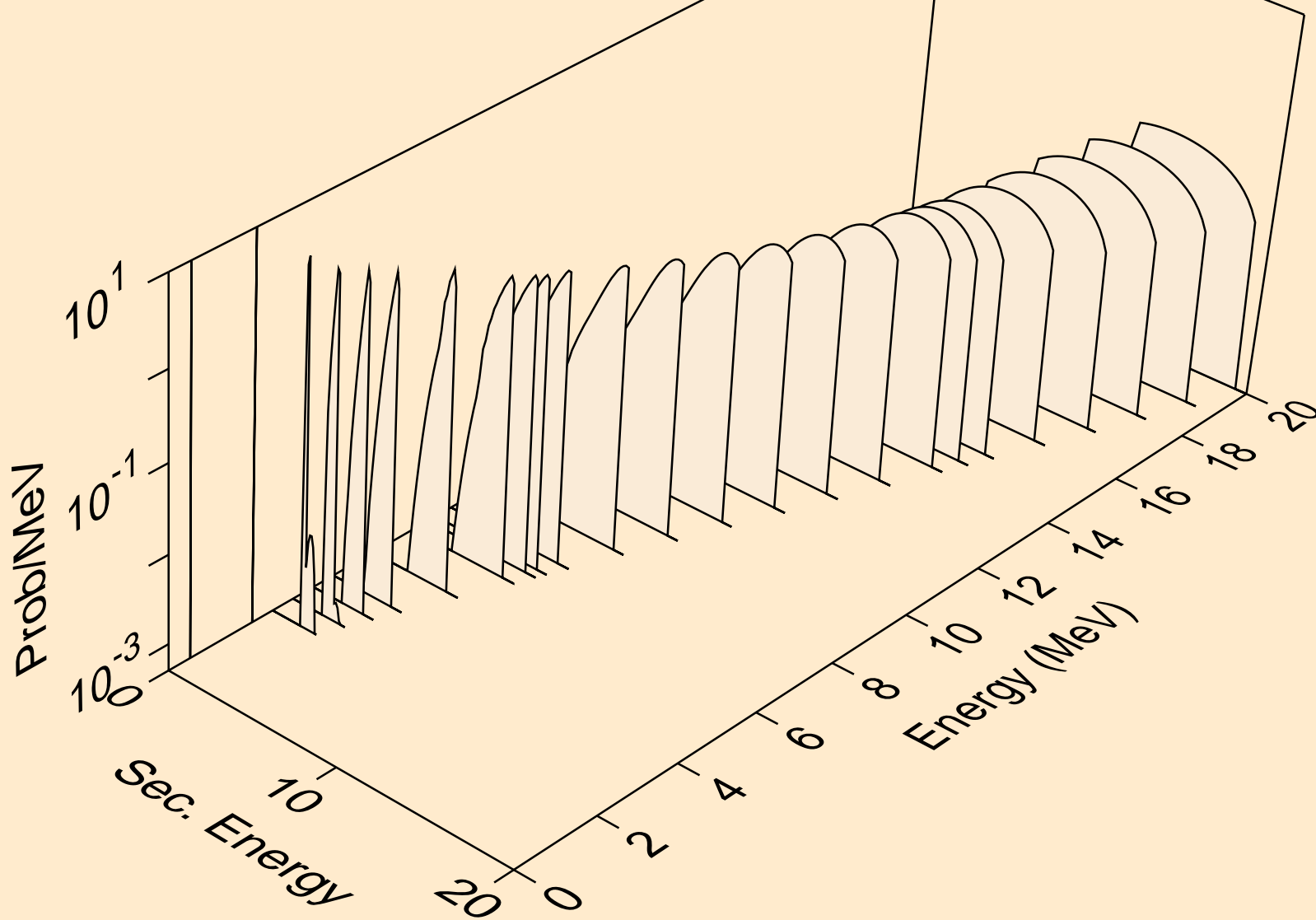
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angular distribution for (n,p*15) proton



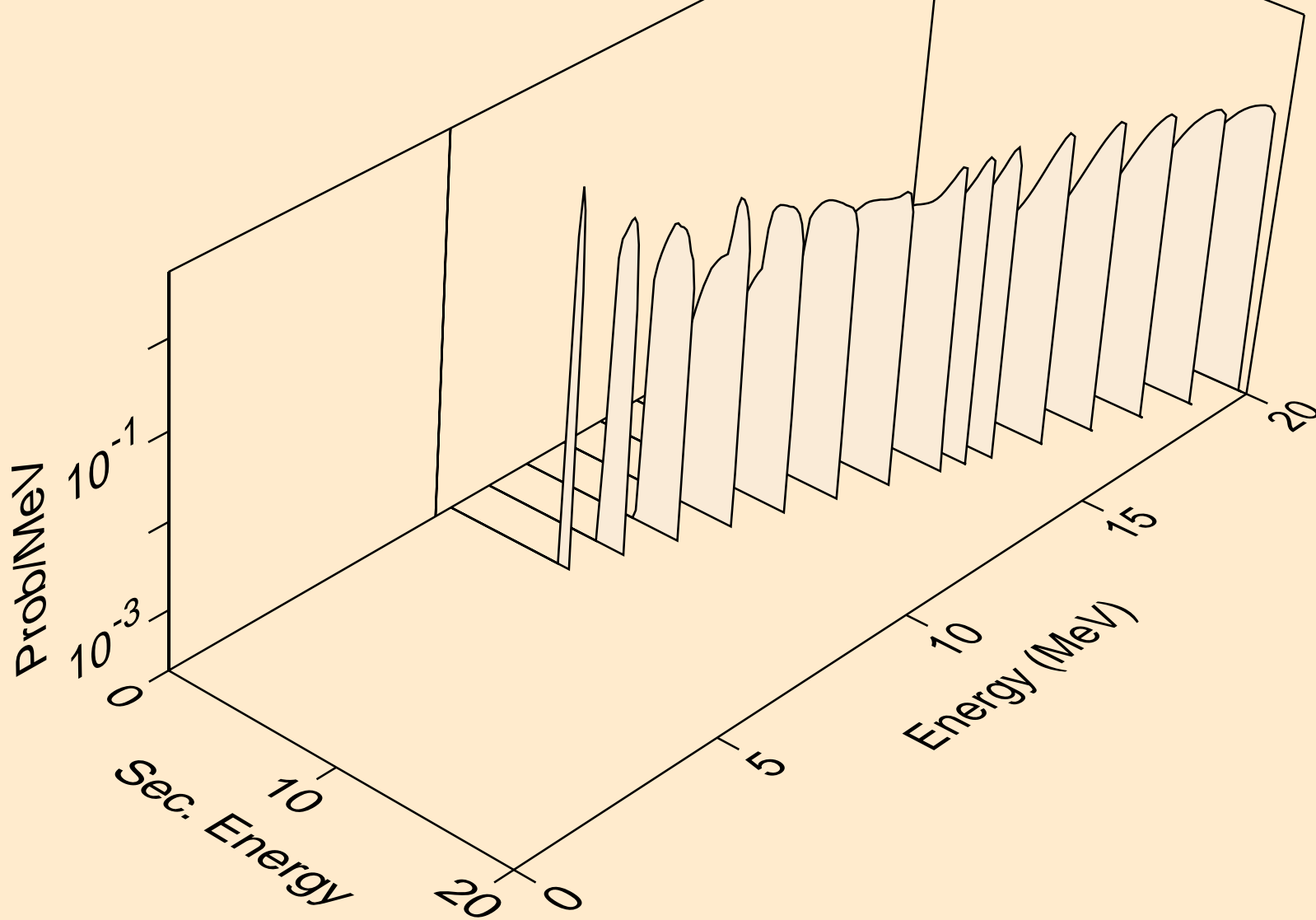
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angular distribution for (n,p*16) proton



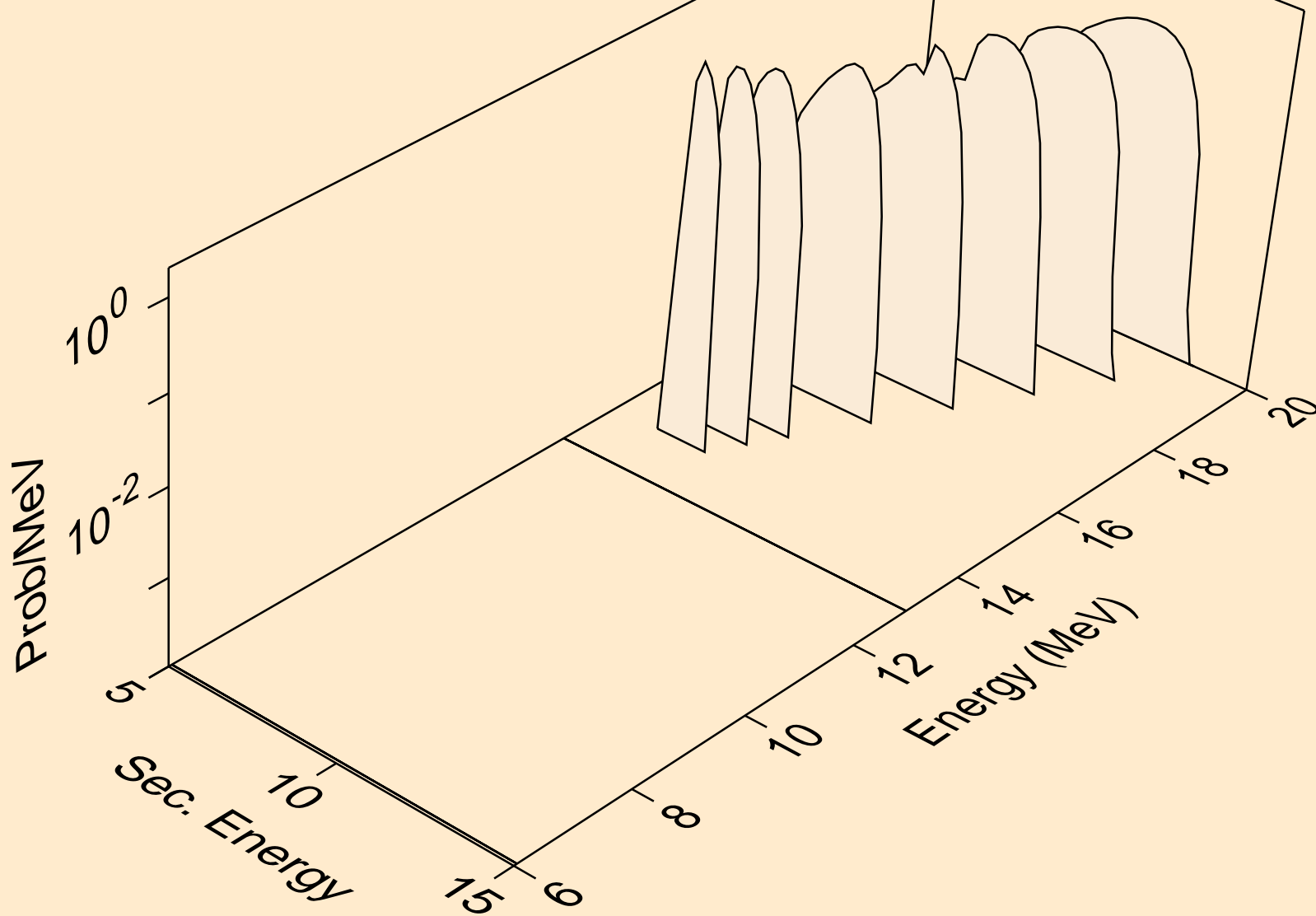
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protons from (n,p*c)



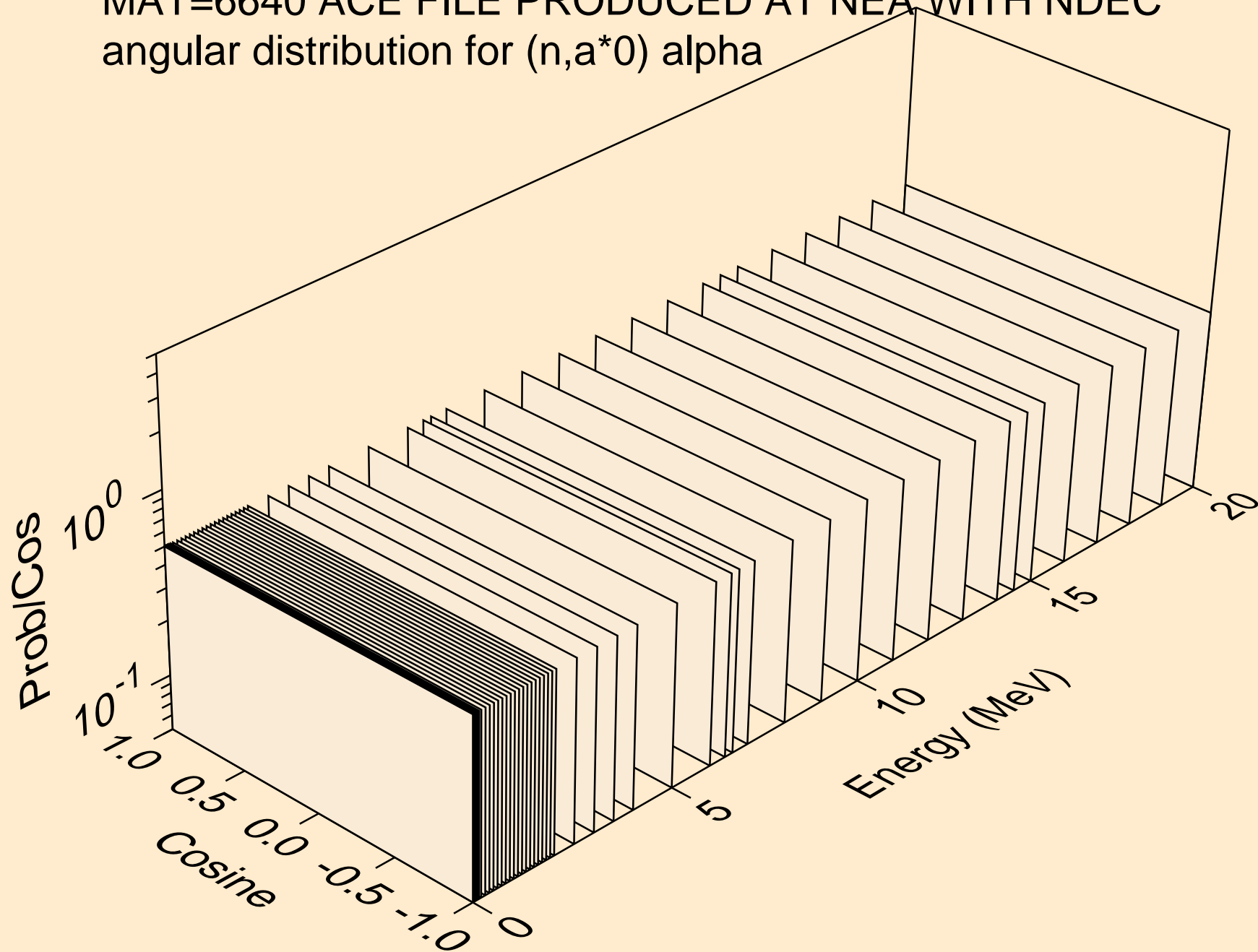
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alphas from (n,n*)a



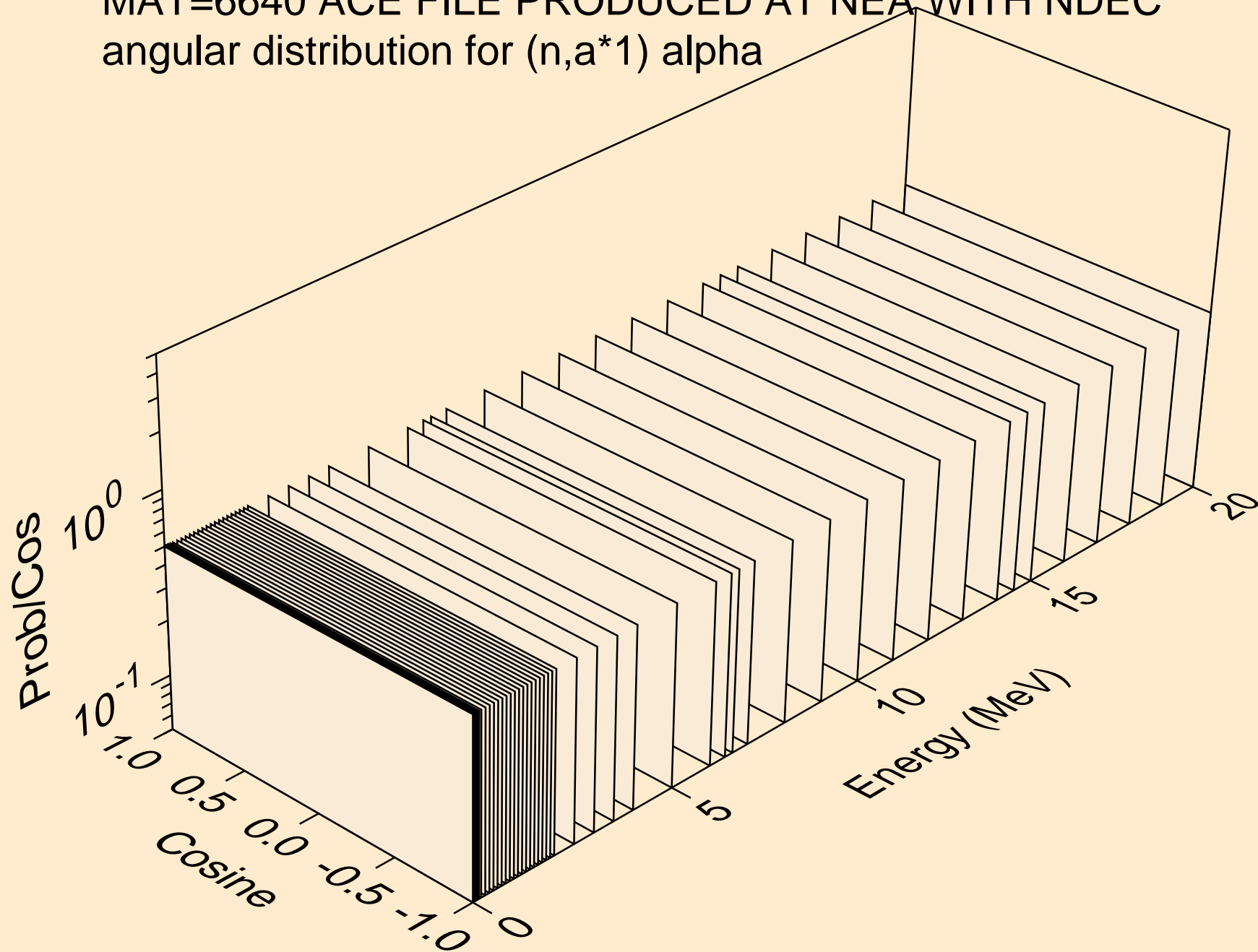
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alphas from (n,2n)a



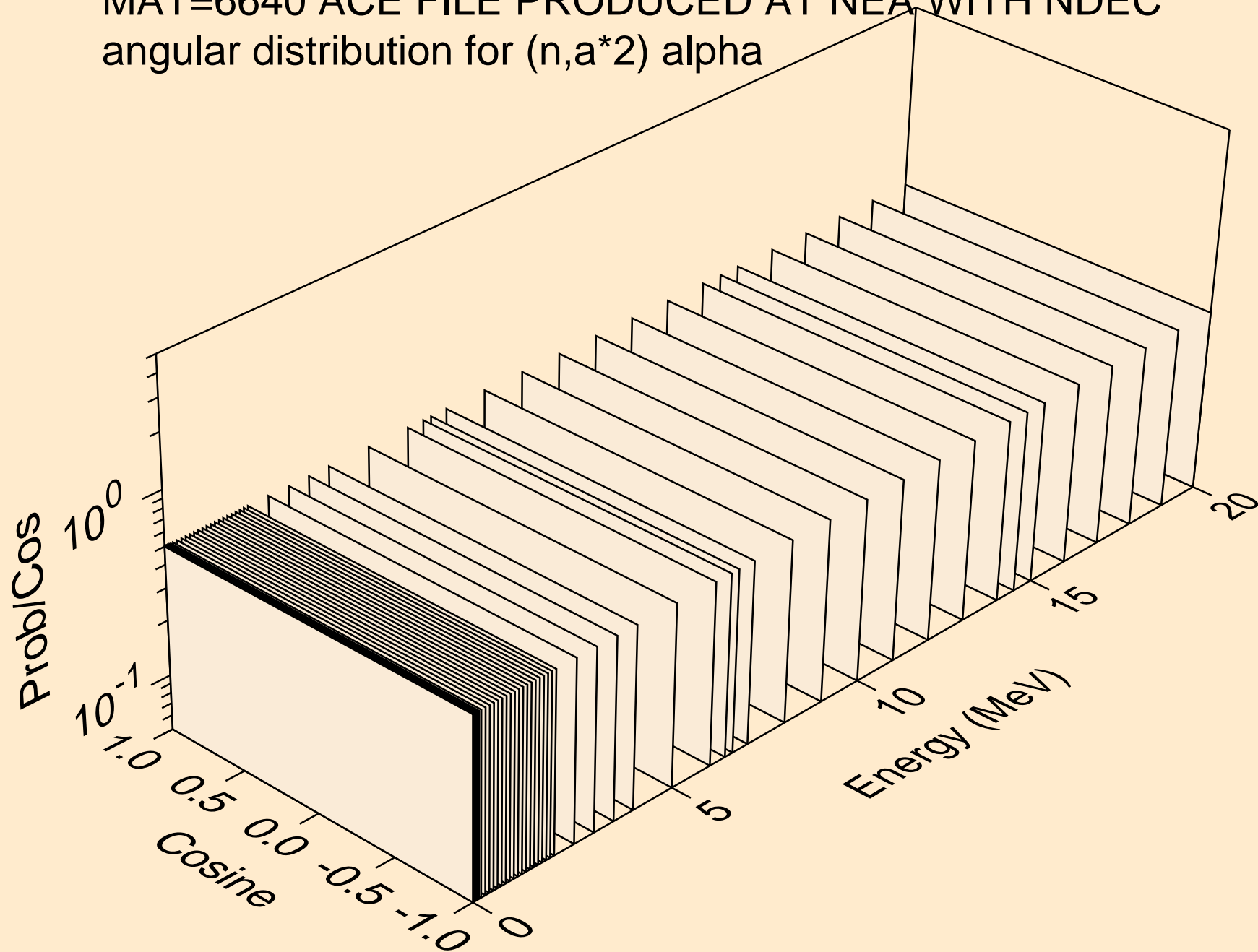
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angular distribution for (n,a*0) alpha



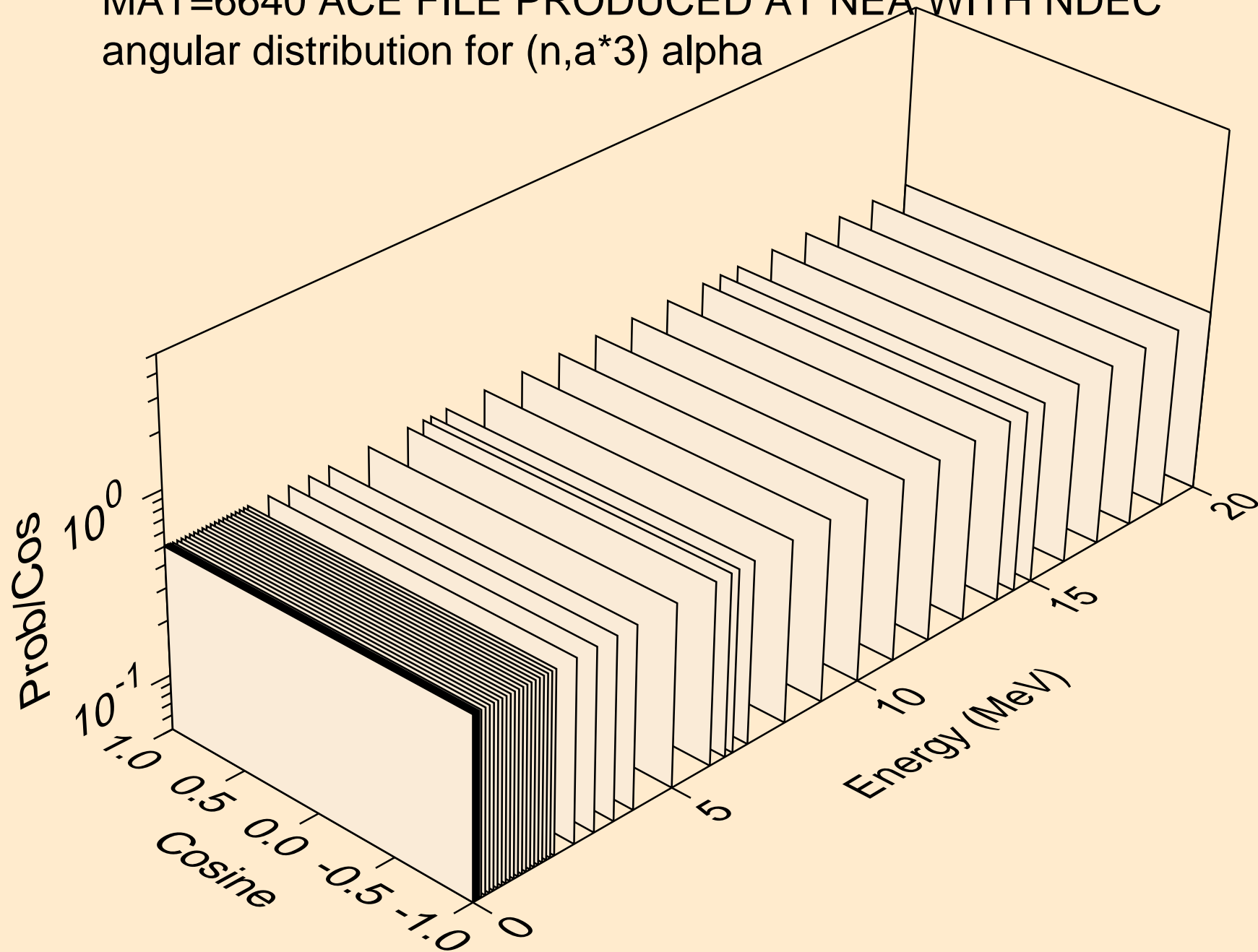
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angular distribution for (n,a*1) alpha



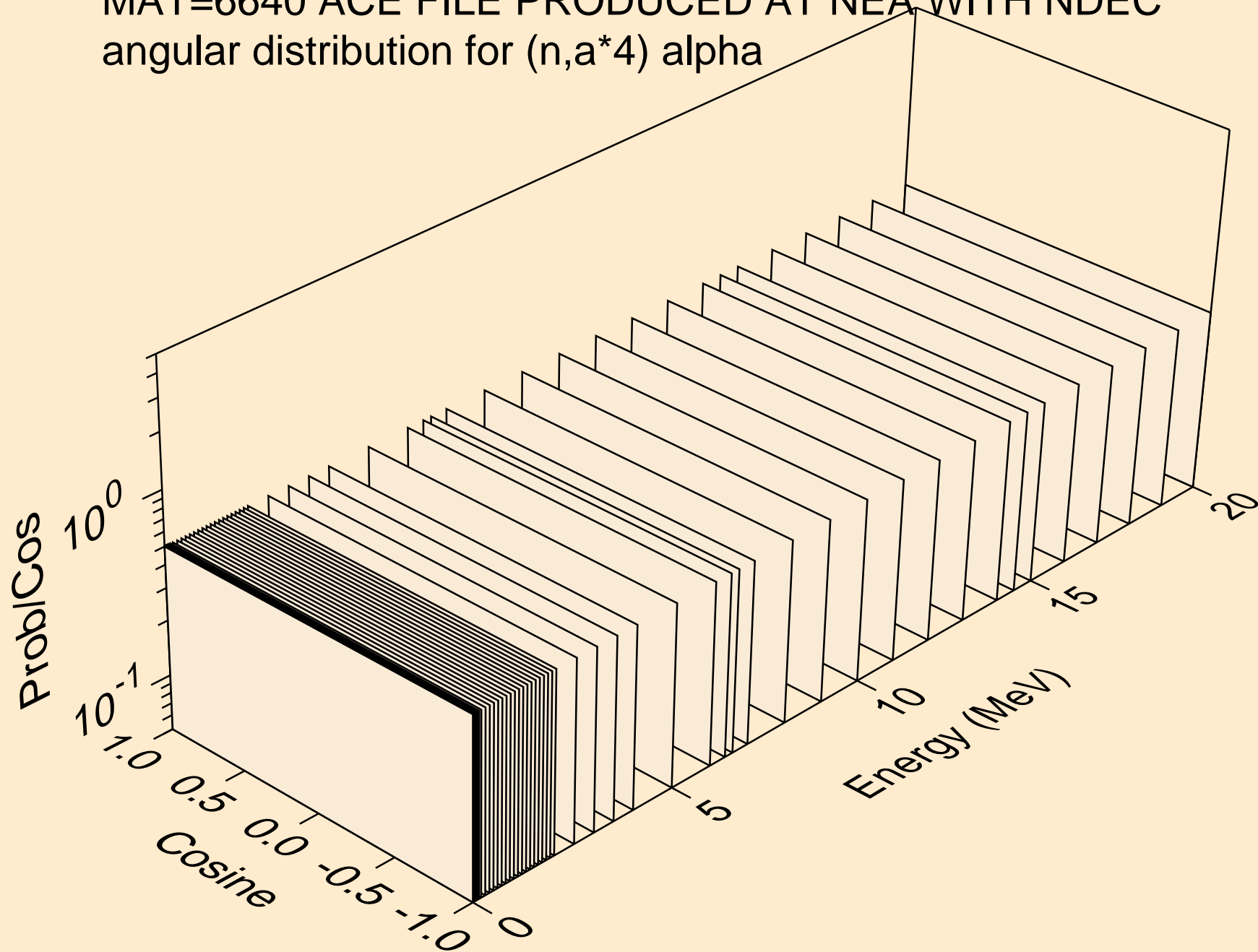
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angular distribution for (n,a*2) alpha



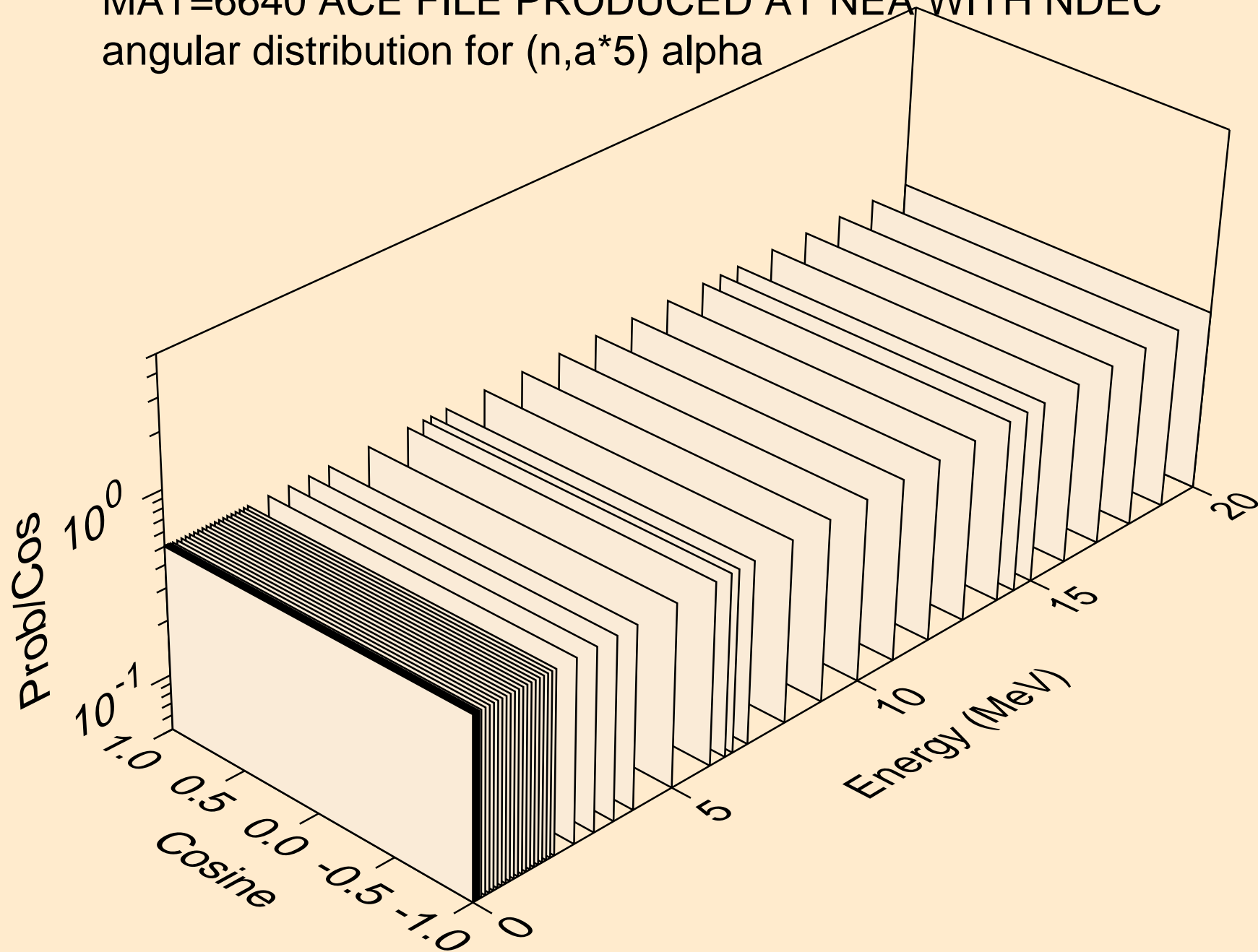
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angular distribution for (n,a*3) alpha



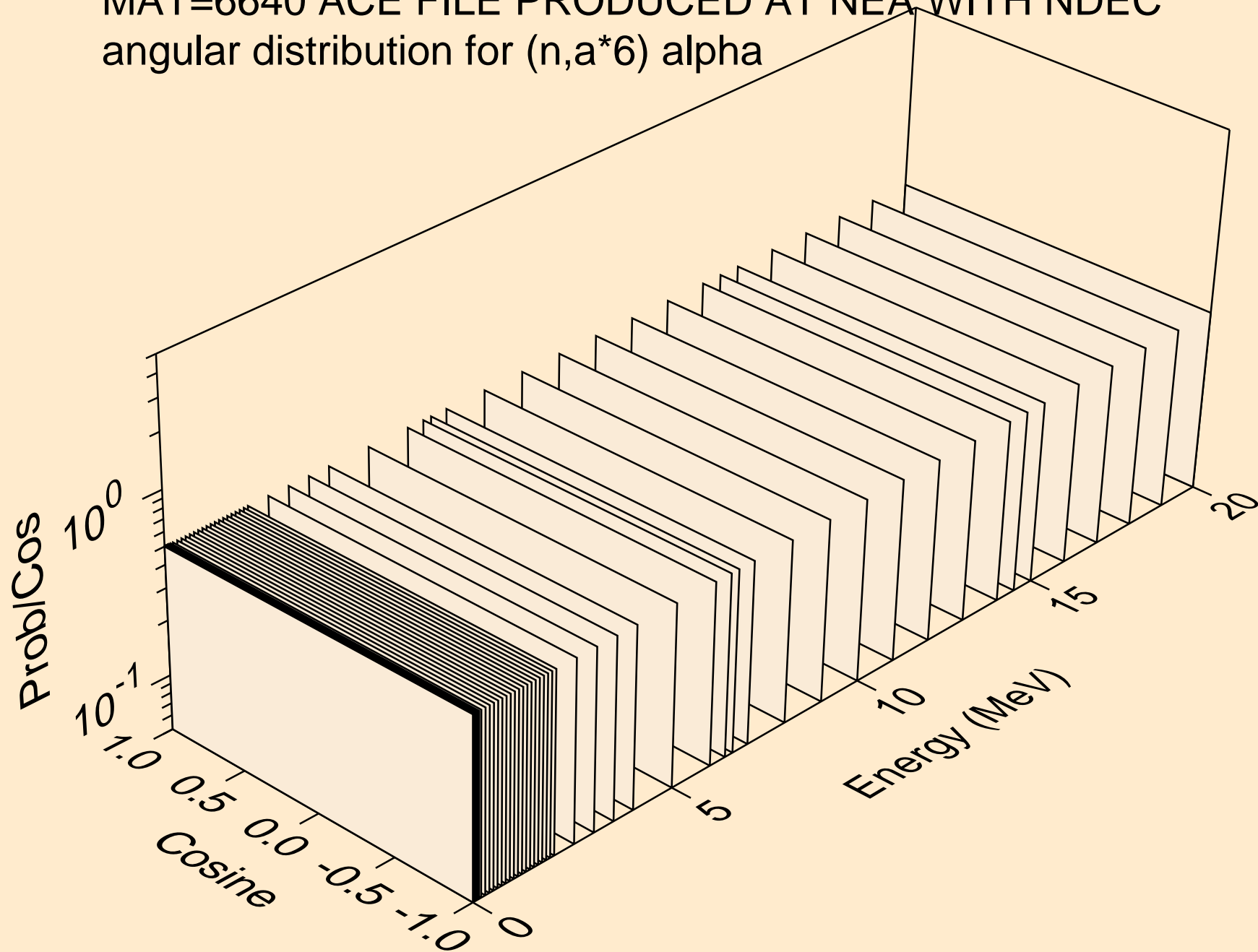
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angular distribution for (n,a*4) alpha



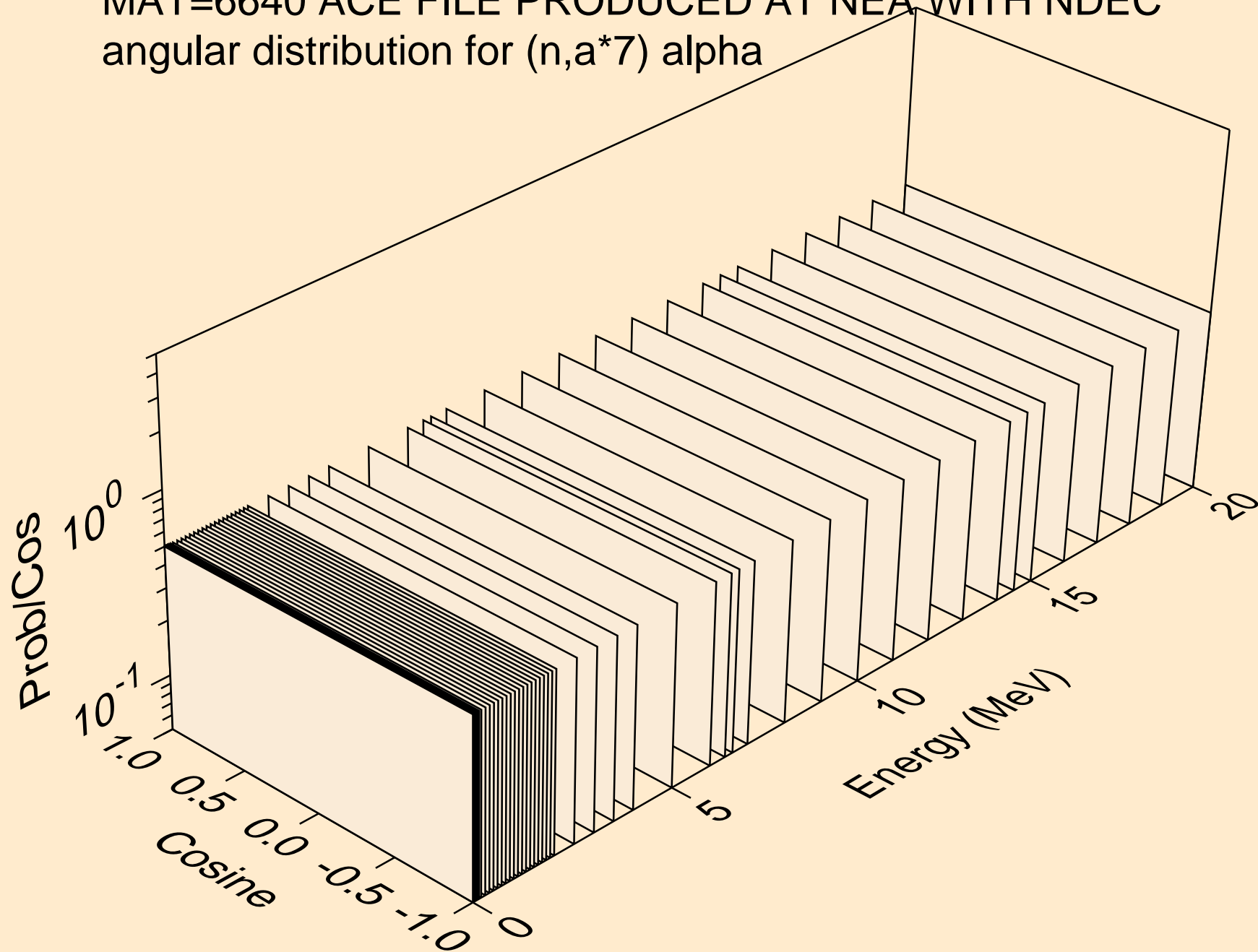
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angular distribution for (n,a*5) alpha



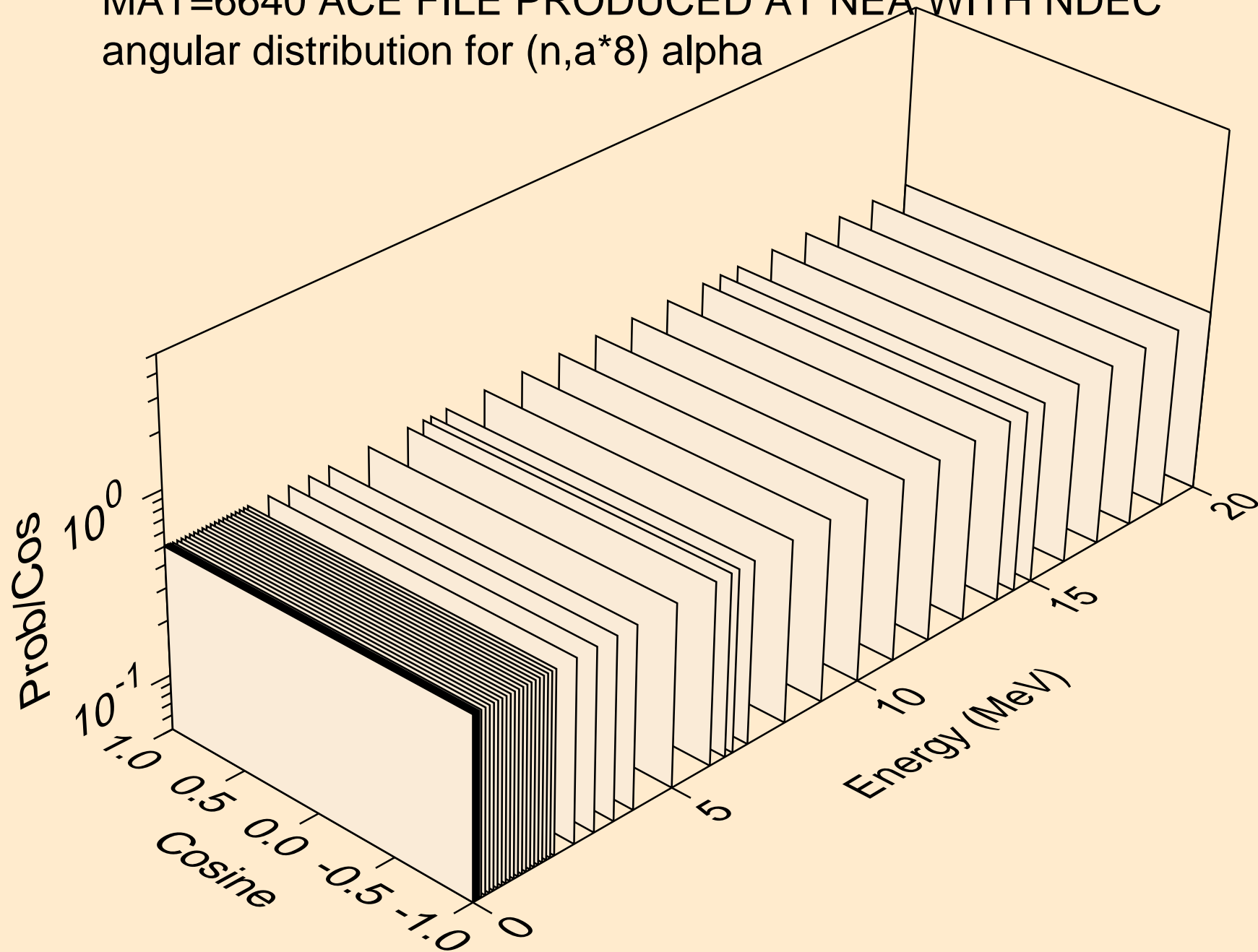
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angular distribution for (n,a*6) alpha



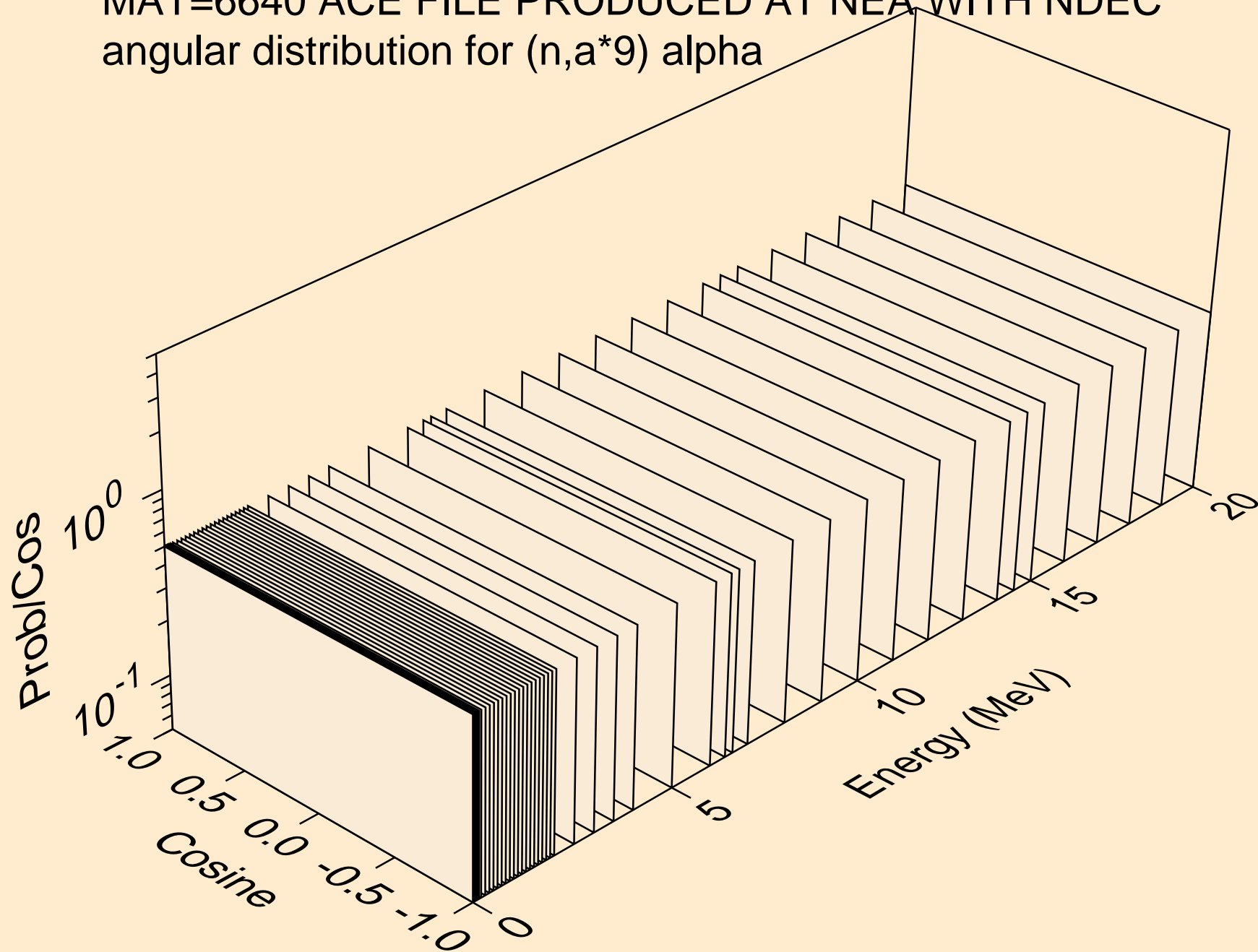
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angular distribution for (n,a*7) alpha



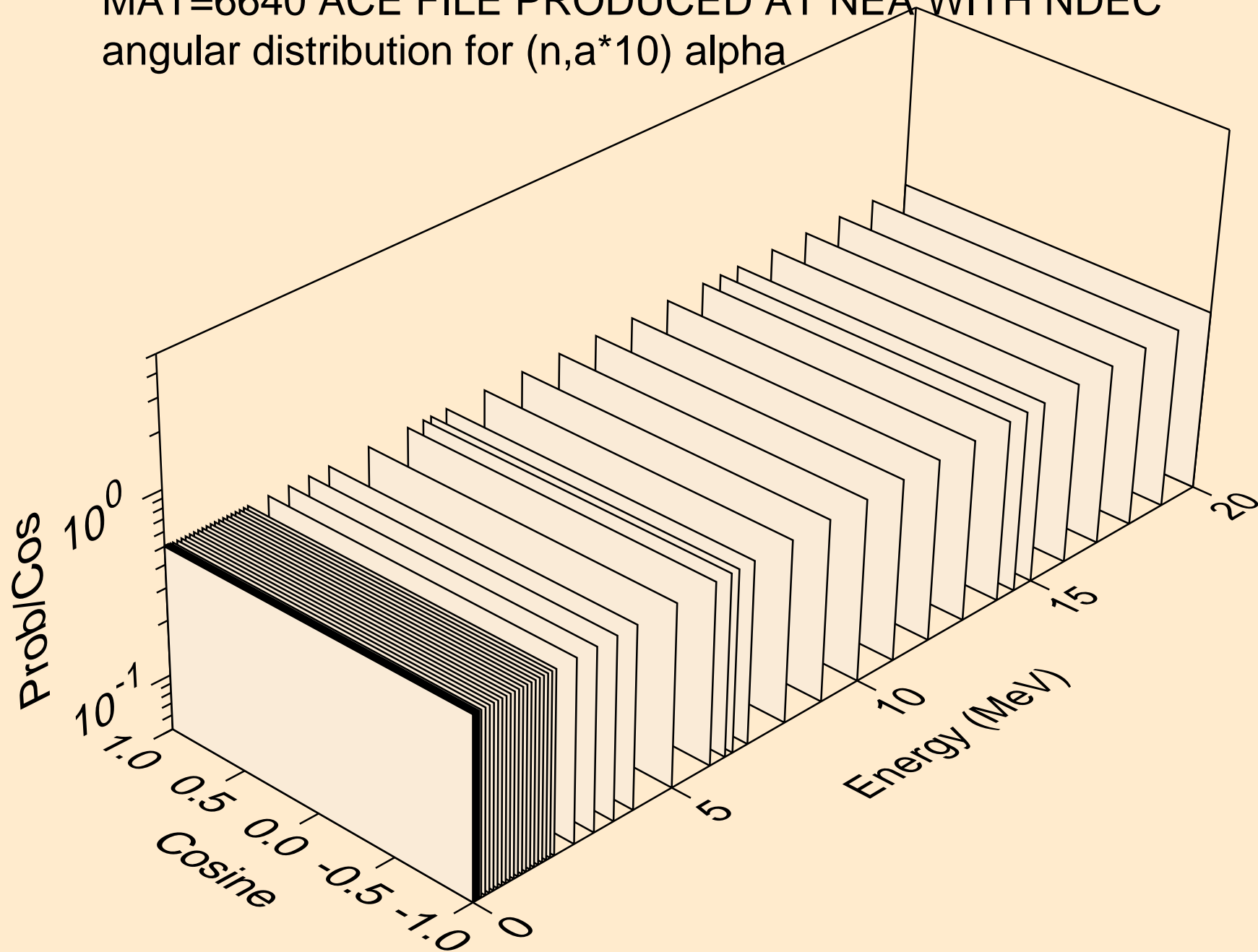
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angular distribution for (n,a*8) alpha



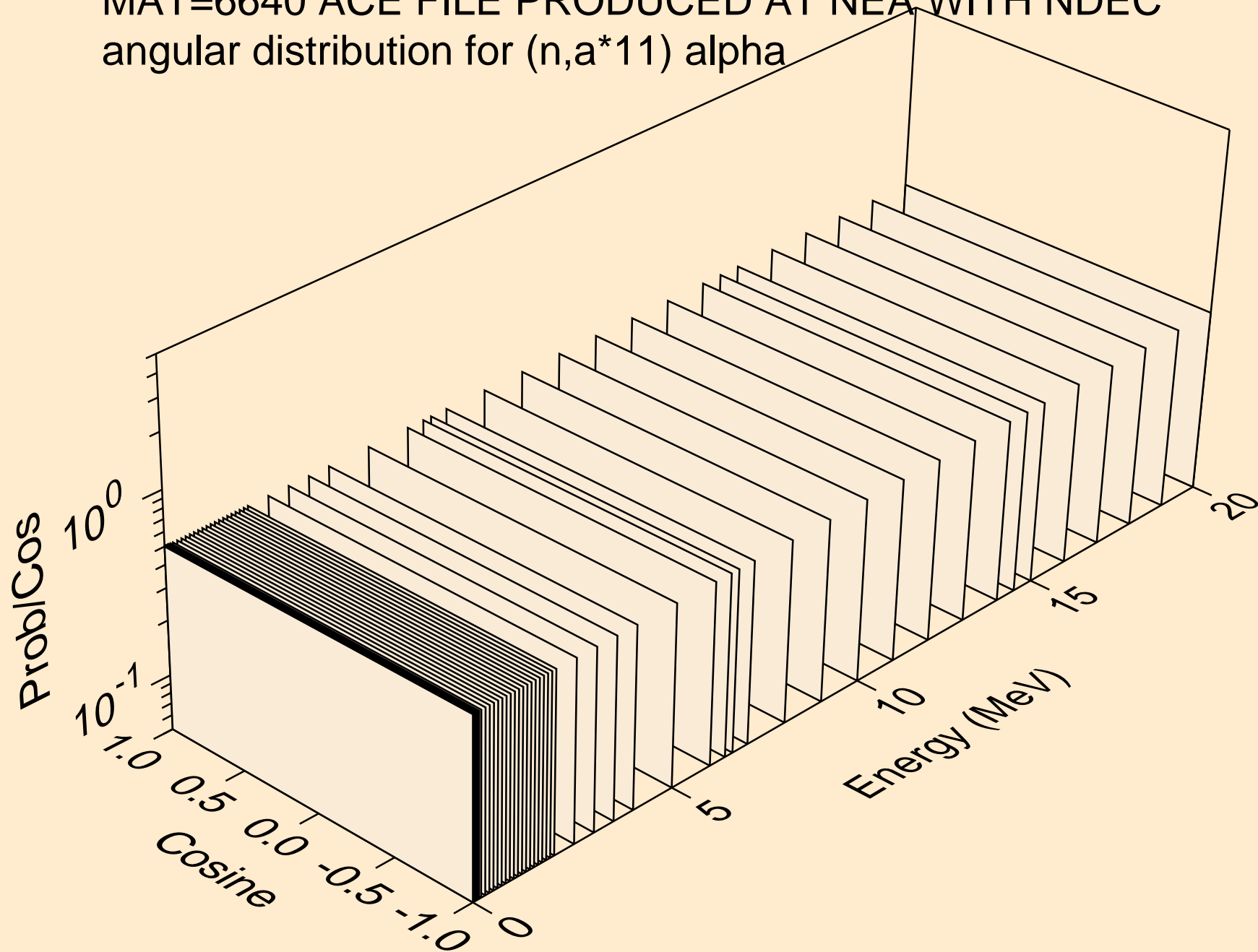
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angular distribution for (n,a*9) alpha



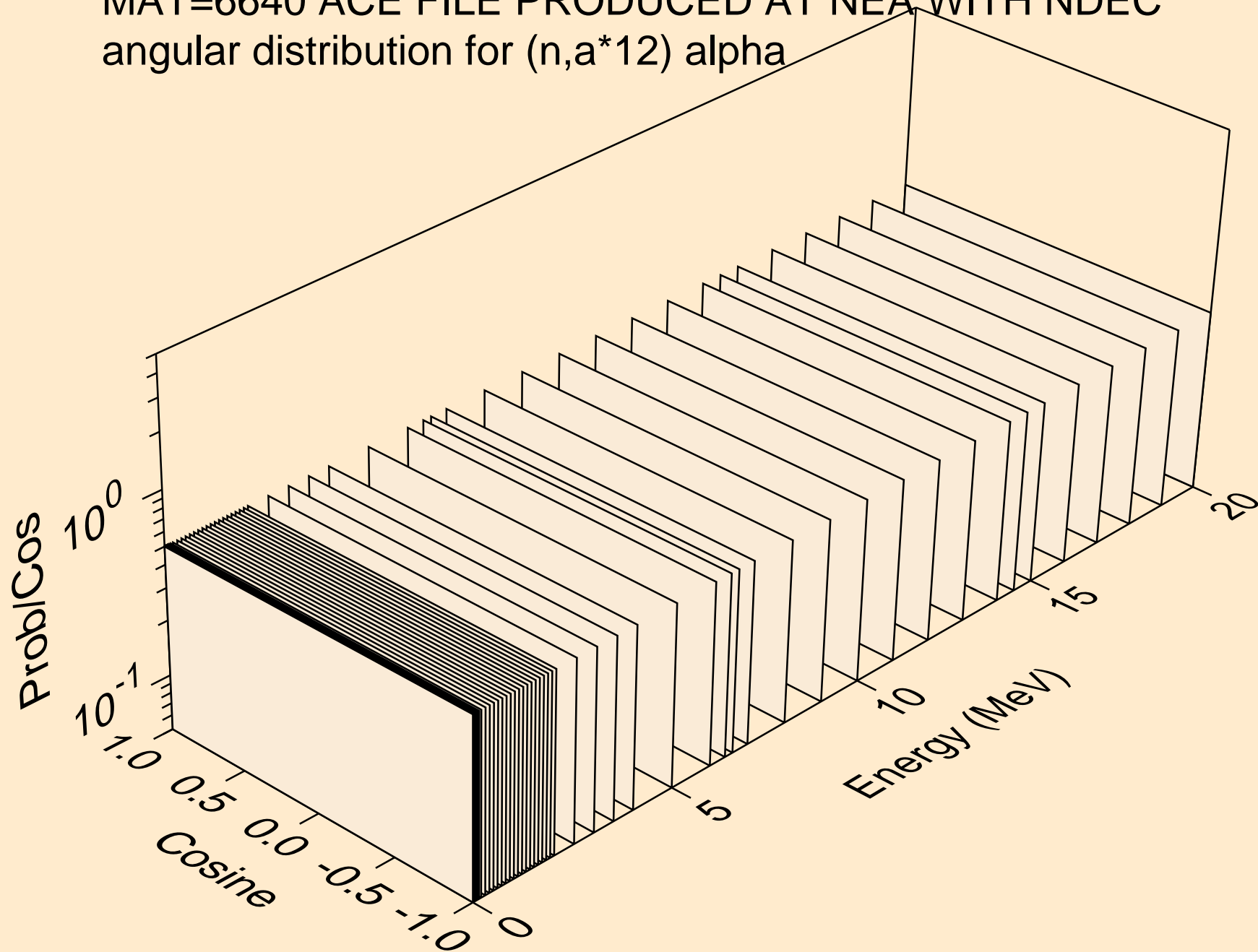
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angular distribution for (n,a*10) alpha



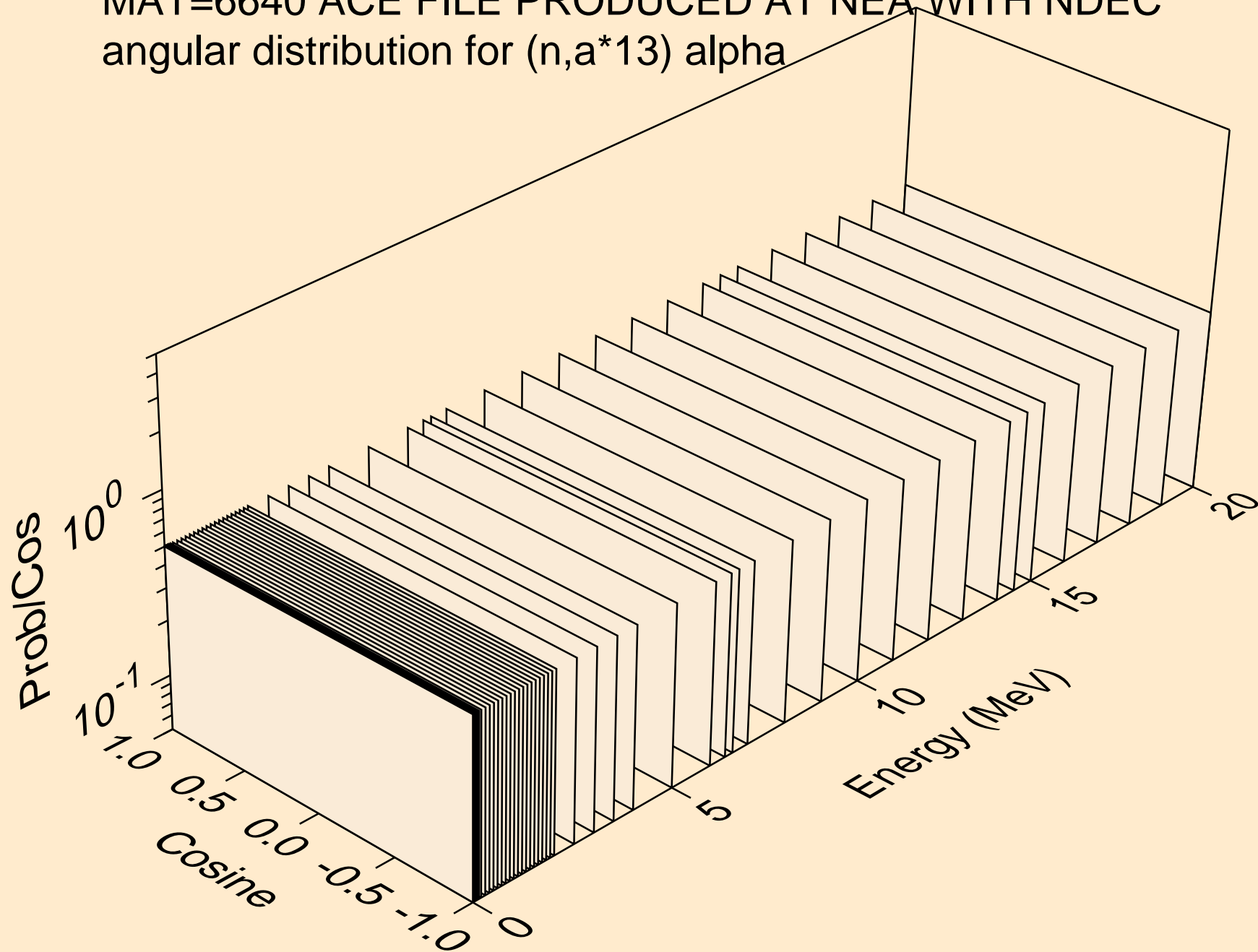
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angular distribution for (n,a*11) alpha



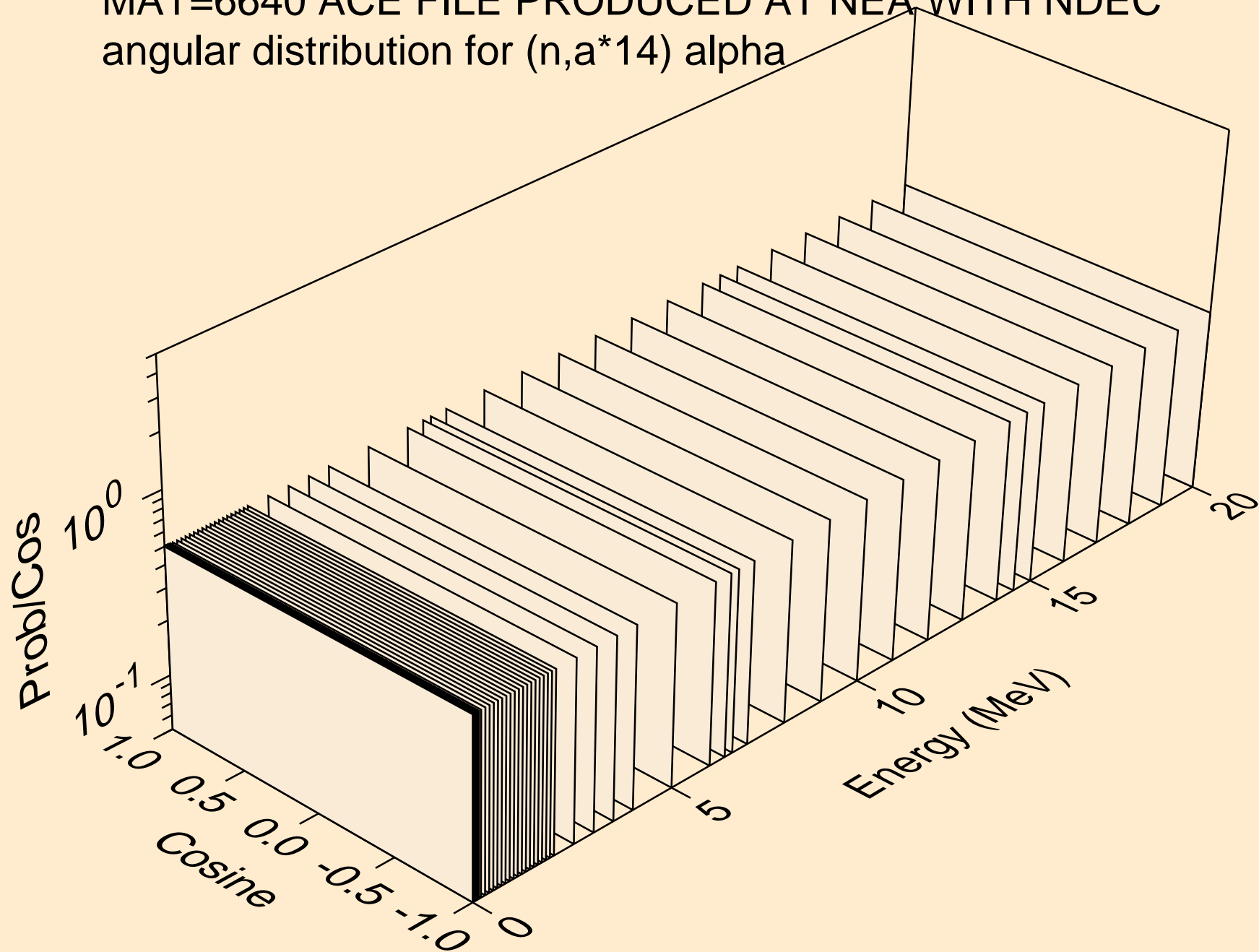
MAT=6640 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,a*12) alpha



MAT=6640 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,a*13) alpha



MAT=6640 ACE FILE PRODUCED AT NEA WITH NDEC
angular distribution for (n,a*14) alpha



MAT=6640 ACE FILE PRODUCED AT NEA WITH NDEC
alphas from (n,a*c)

