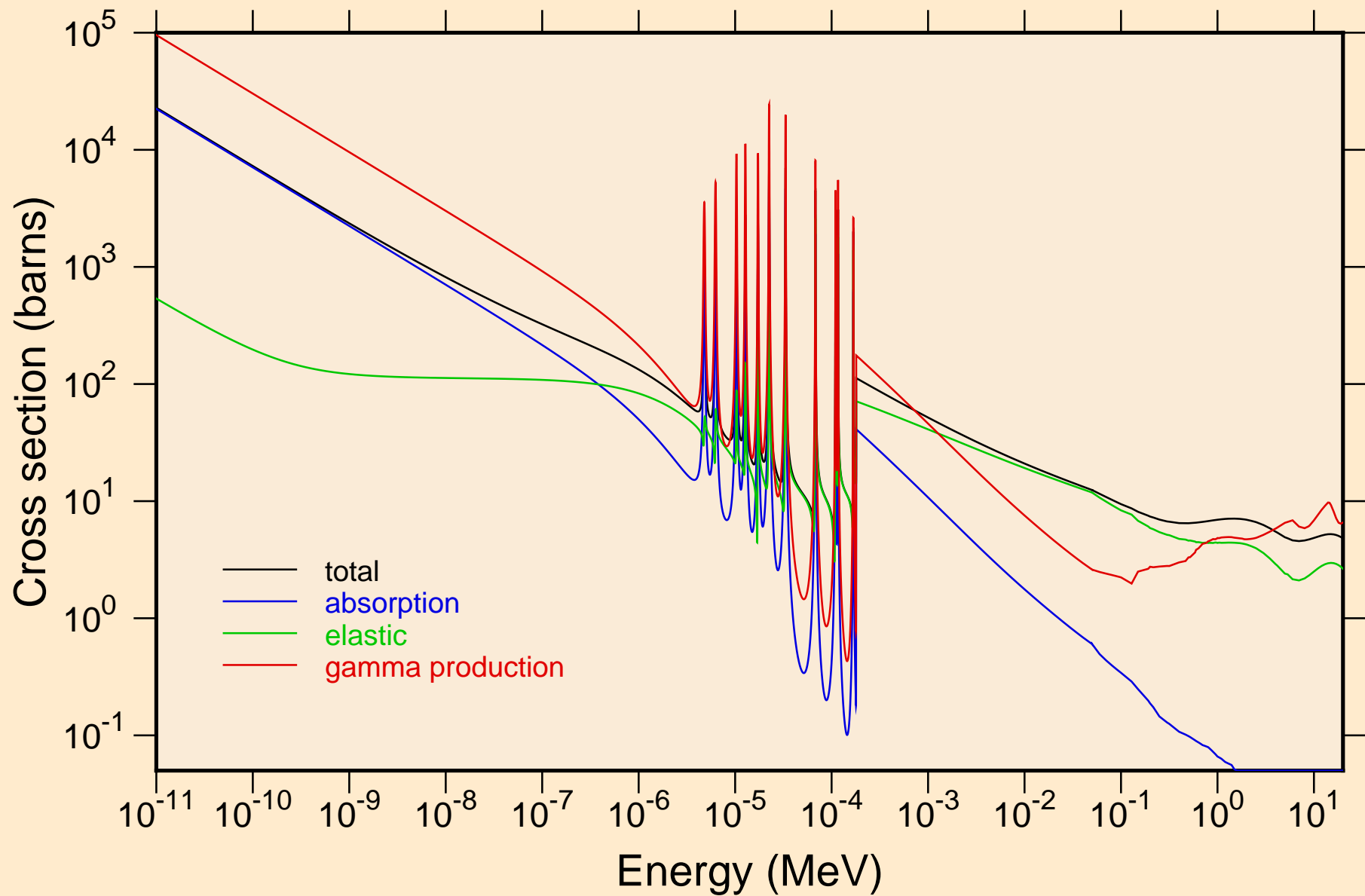
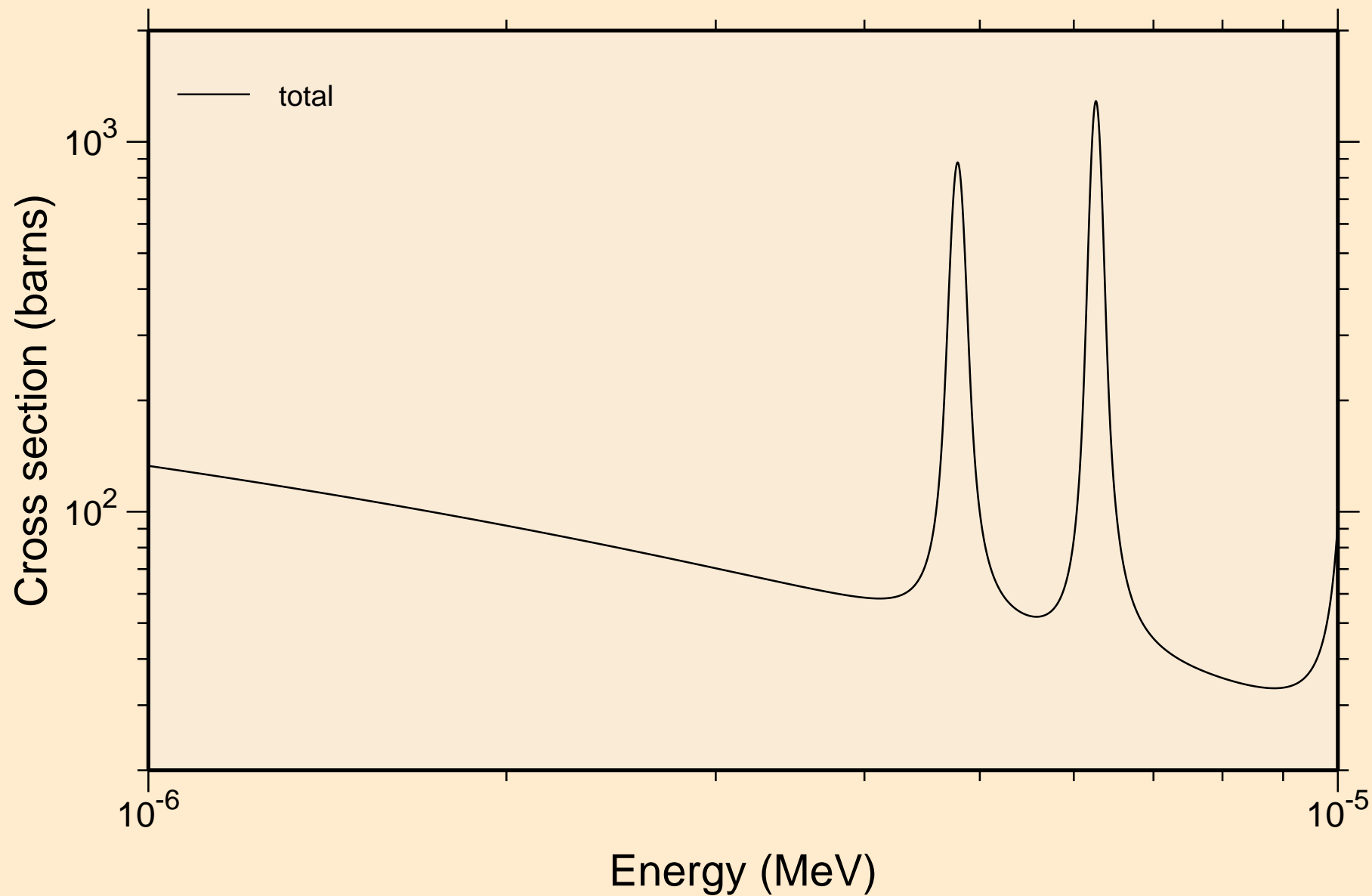


ENDF/B-VII.1 ND-147

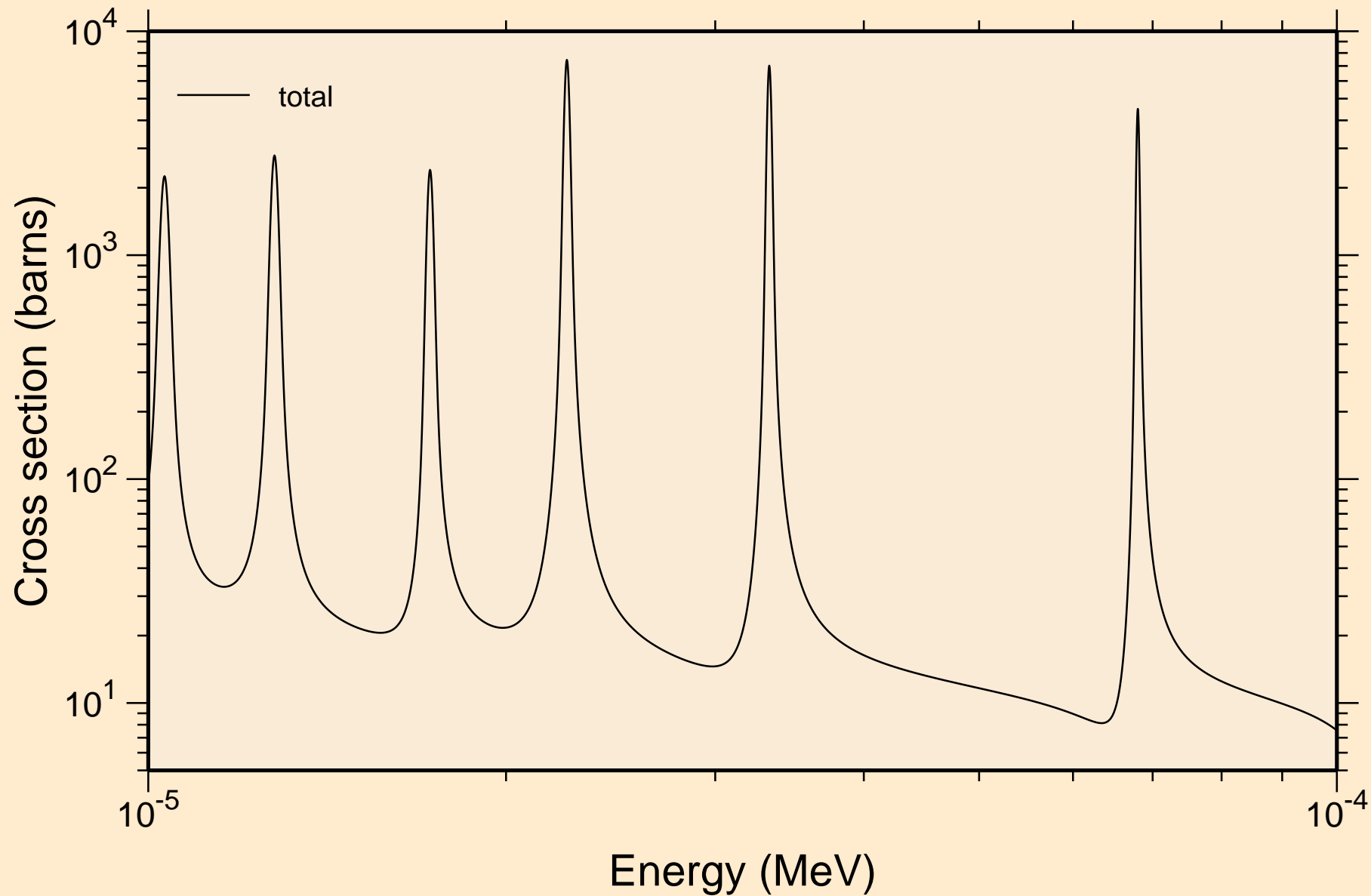
Principal cross sections



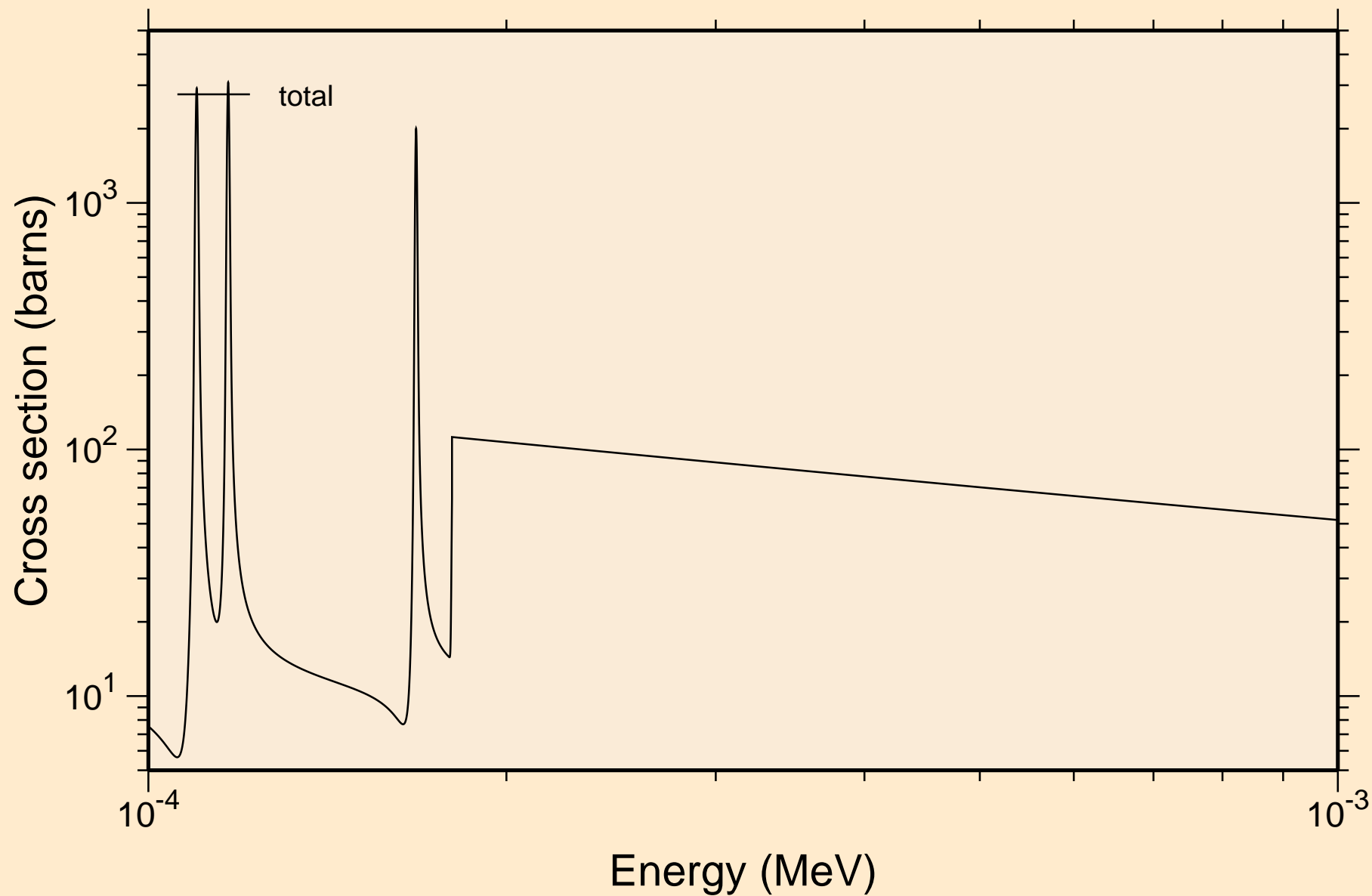
ENDF/B-VII.1 ND-147
resonance total cross section



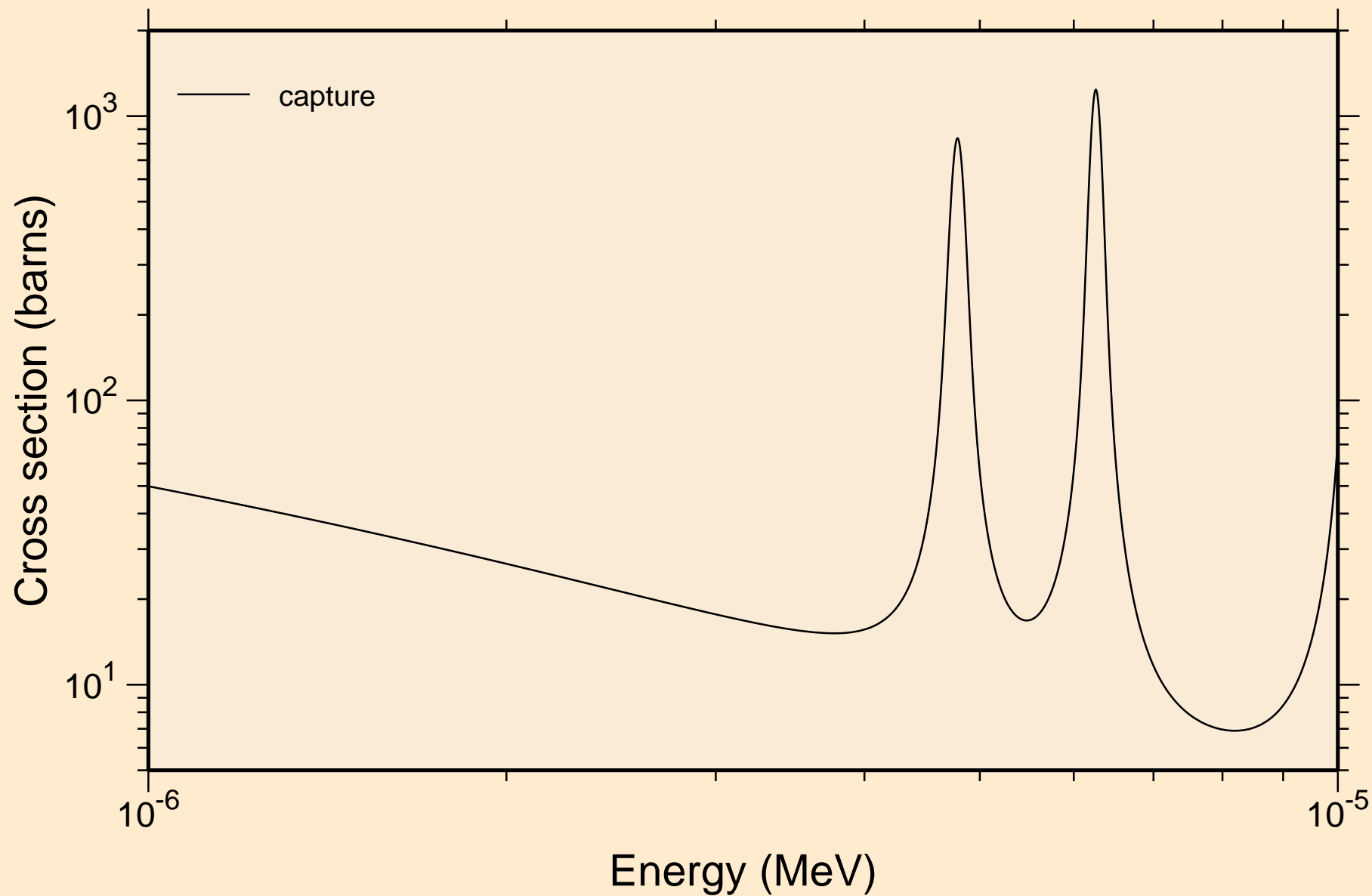
ENDF/B-VII.1 ND-147
resonance total cross section



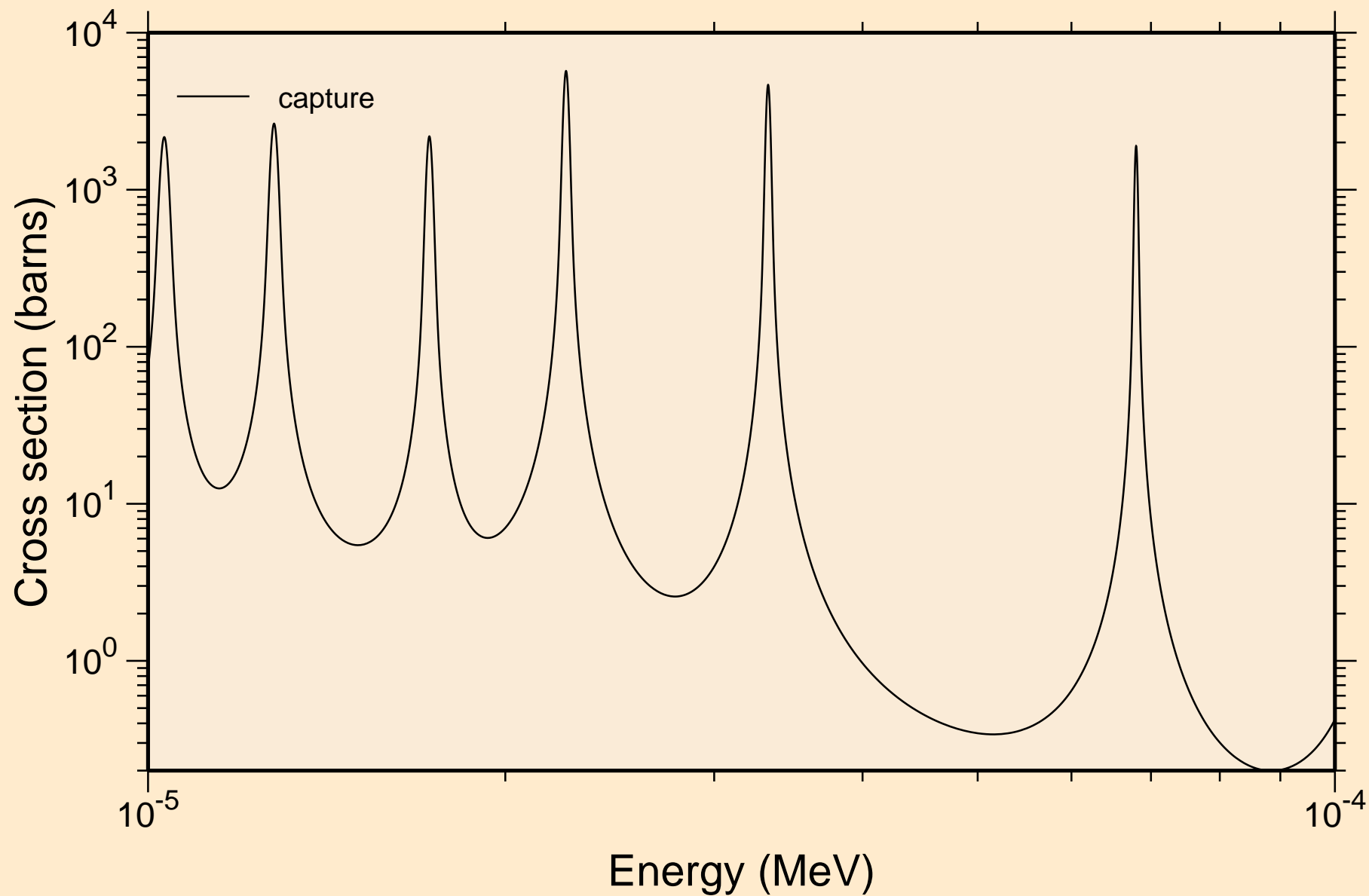
ENDF/B-VII.1 ND-147
resonance total cross section



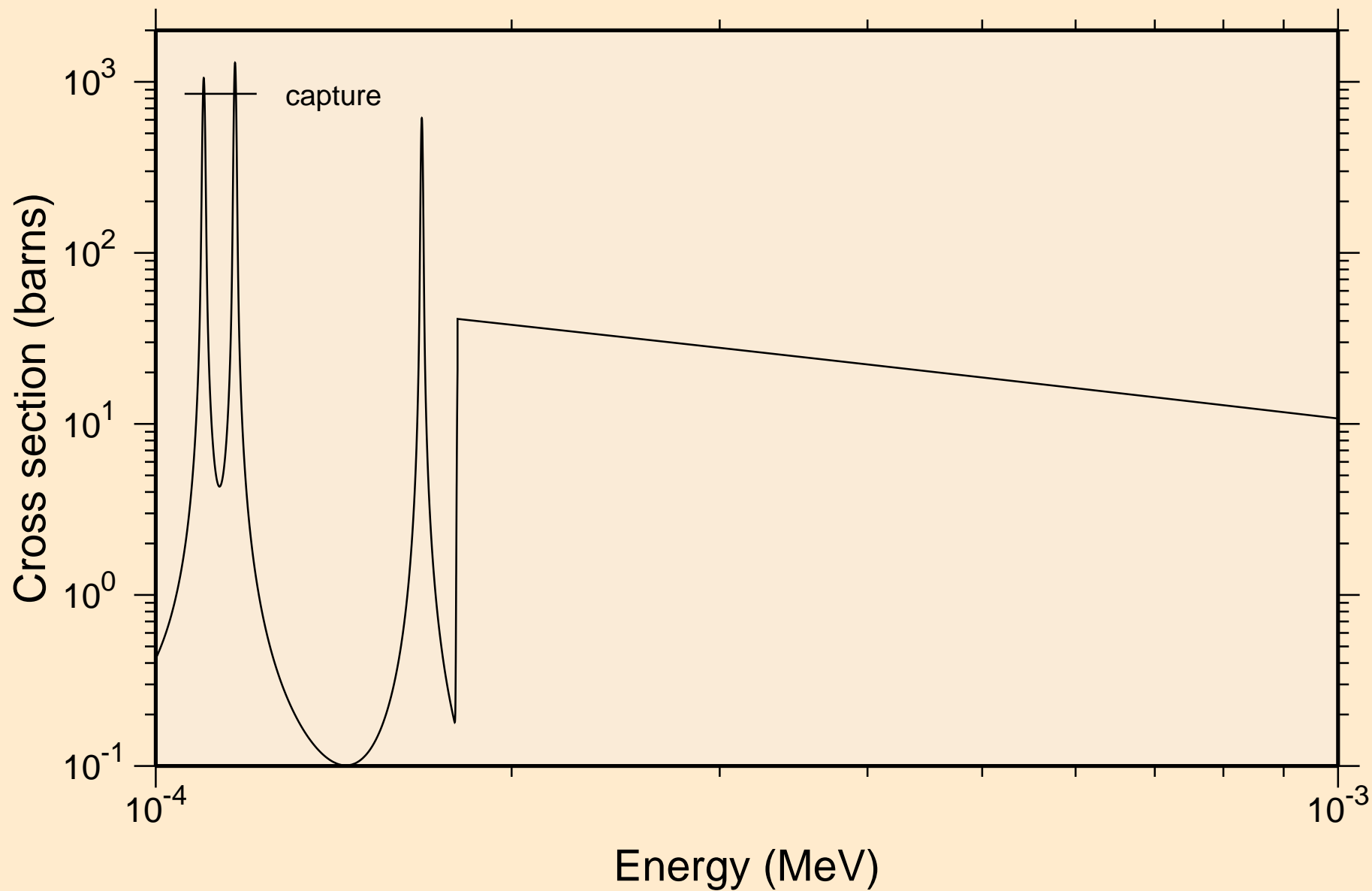
ENDF/B-VII.1 ND-147
resonance absorption cross sections



ENDF/B-VII.1 ND-147
resonance absorption cross sections

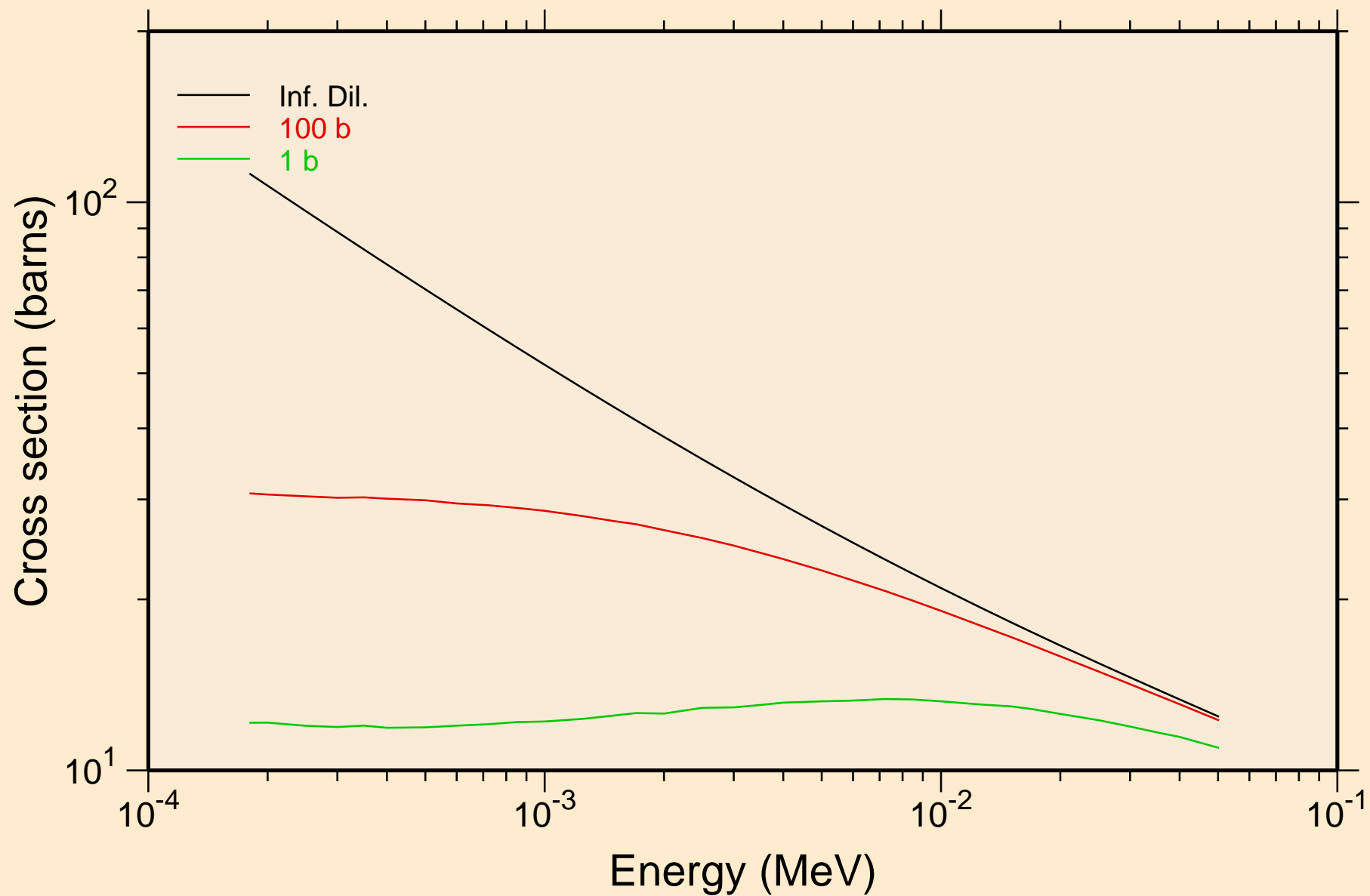


ENDF/B-VII.1 ND-147
resonance absorption cross sections



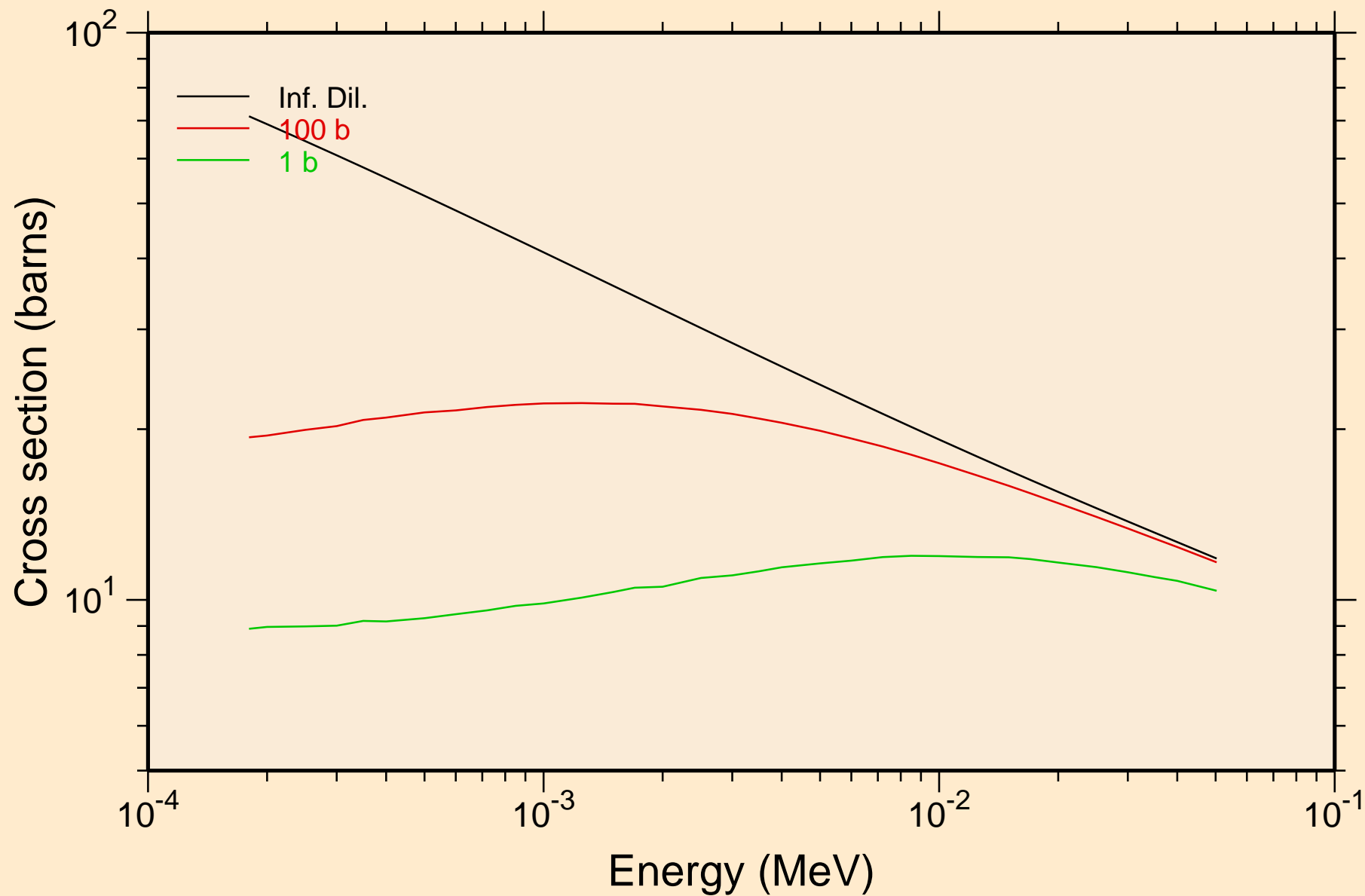
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UR total cross section

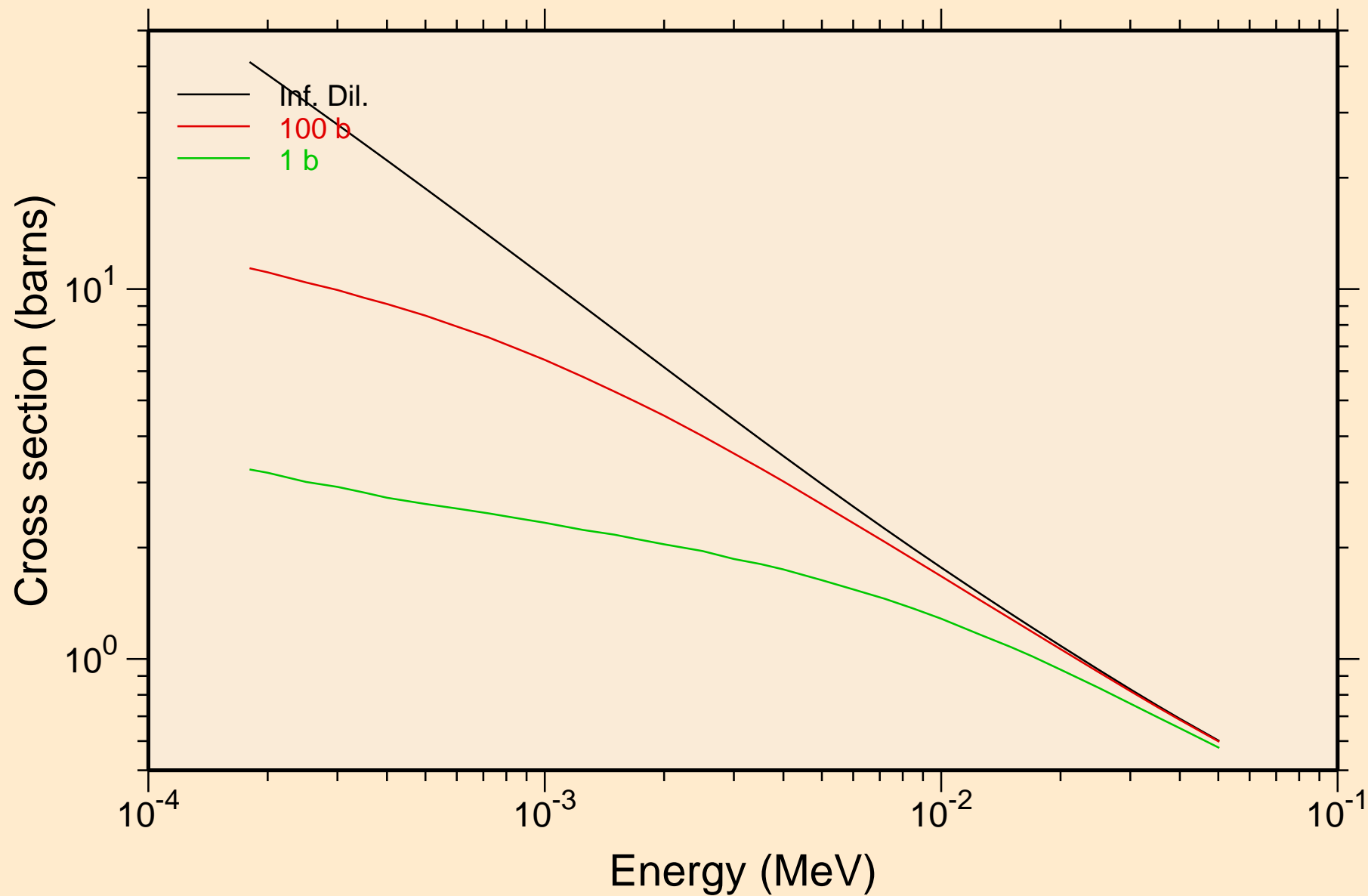


ENDF/B-VII.1 ND-147

UR elastic cross section

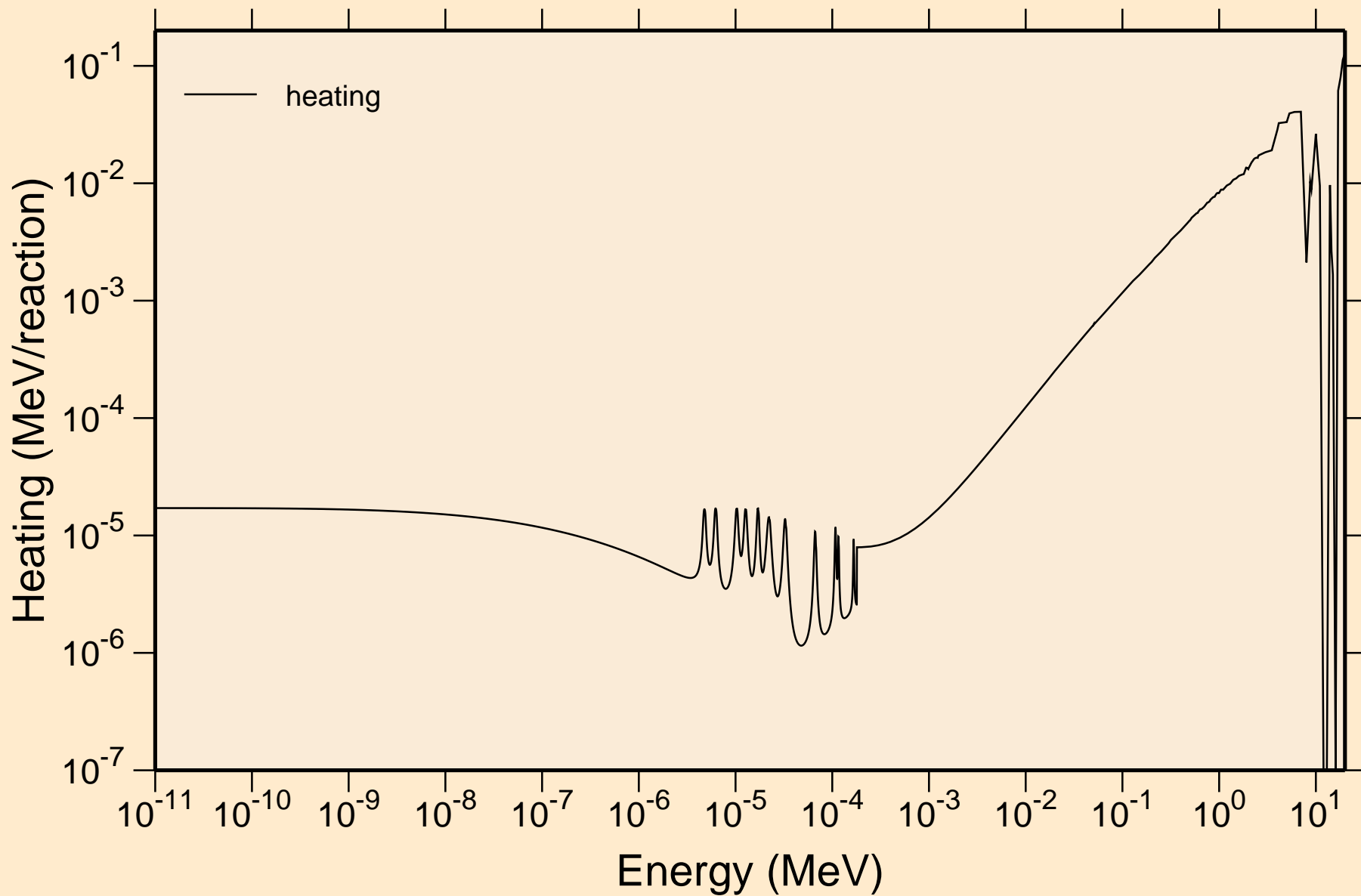


ENDF/B-VII.1 ND-147
UR capture cross section



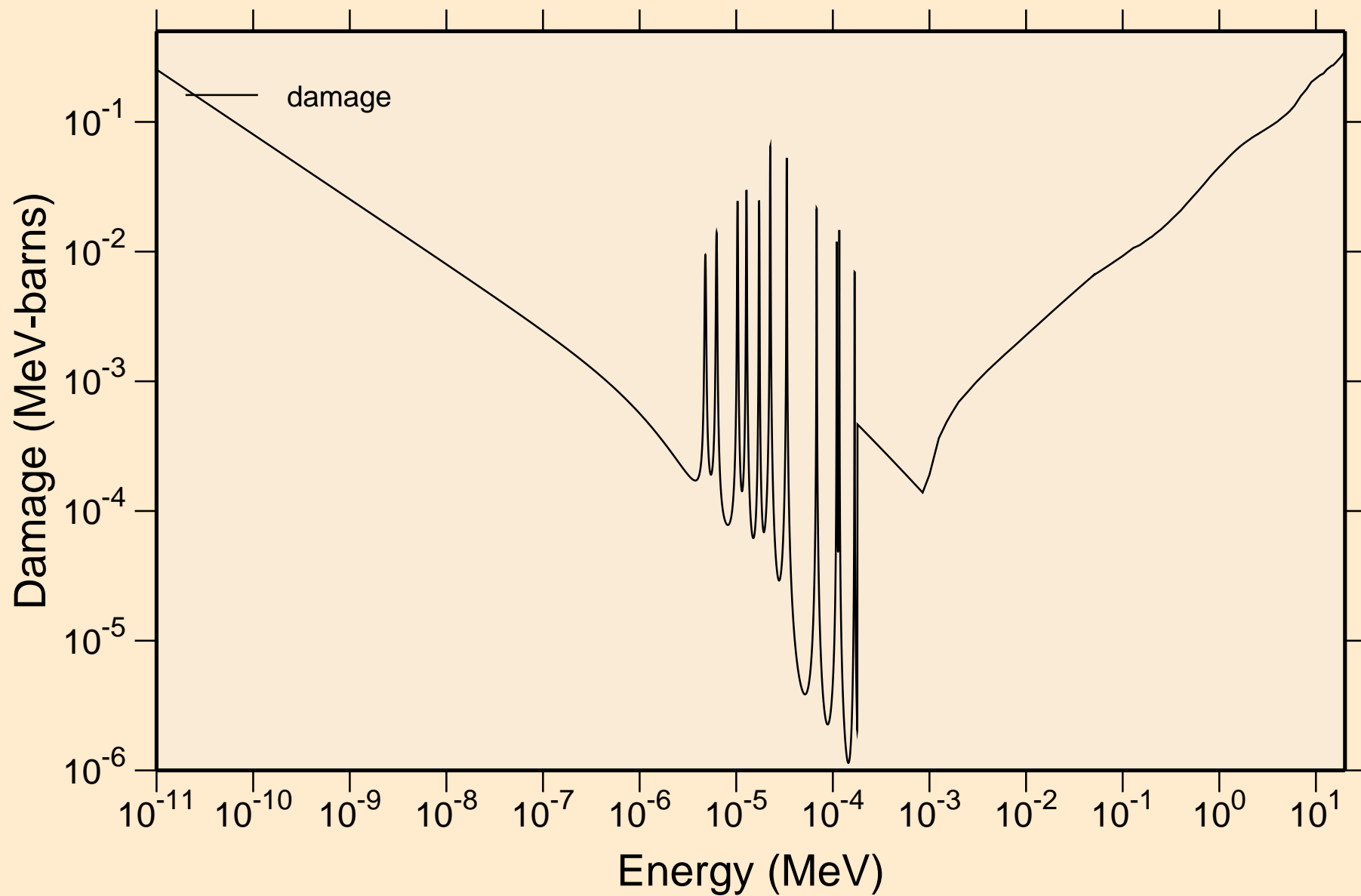
ENDF/B-VII.1 ND-147

Heating

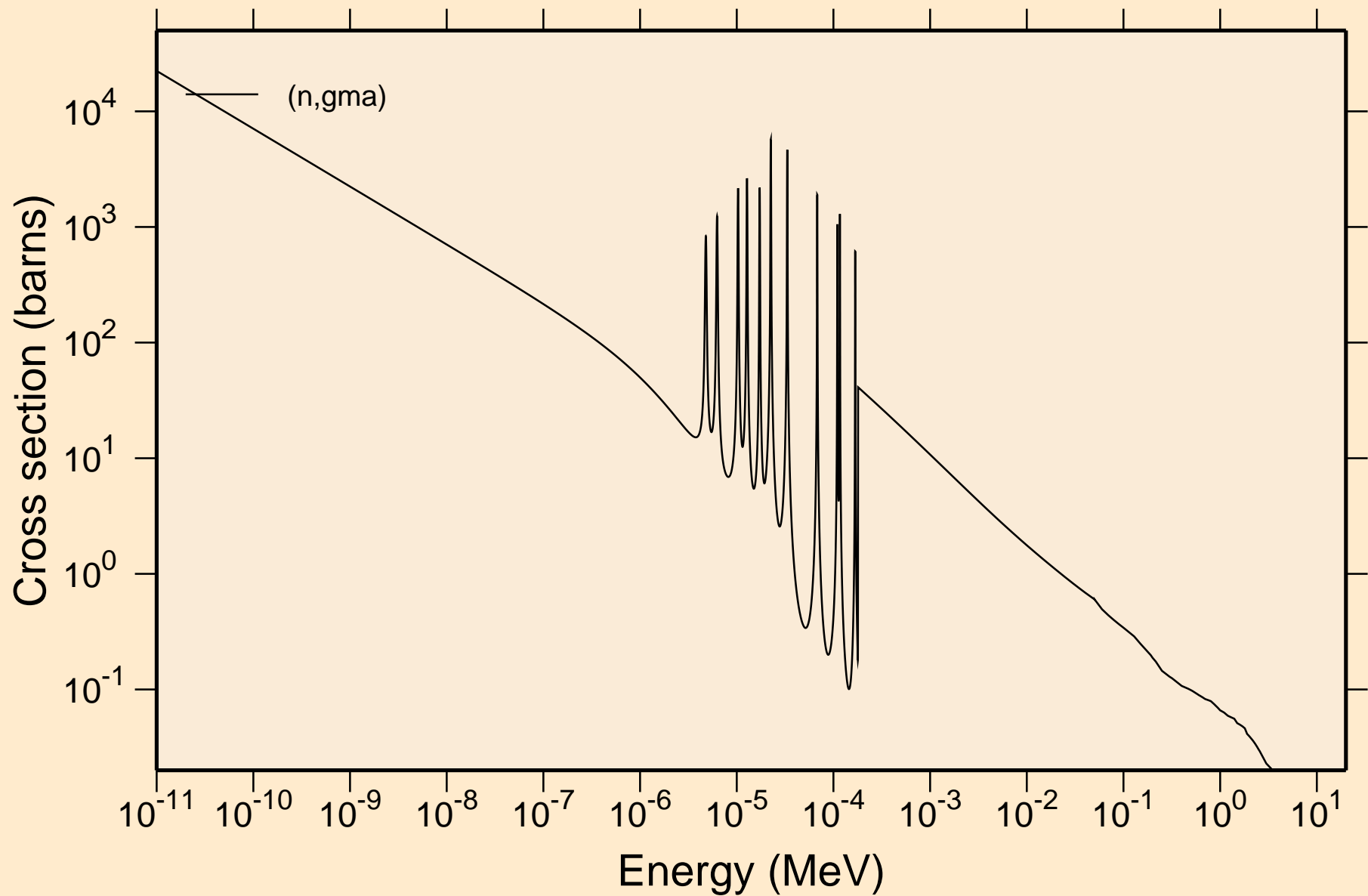


ENDF/B-VII.1 ND-147

Damage

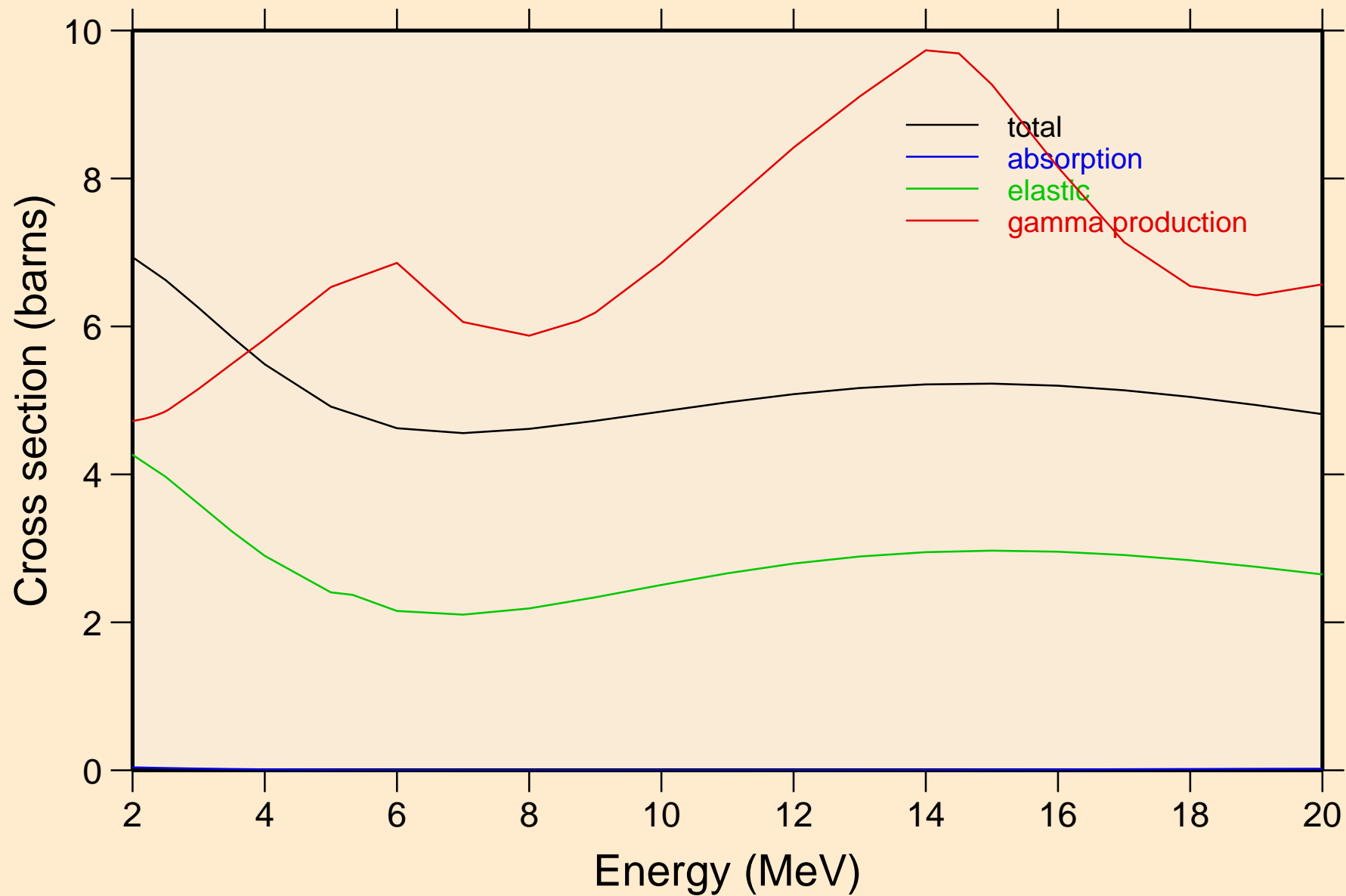


ENDF/B-VII.1 ND-147
Non-threshold reactions



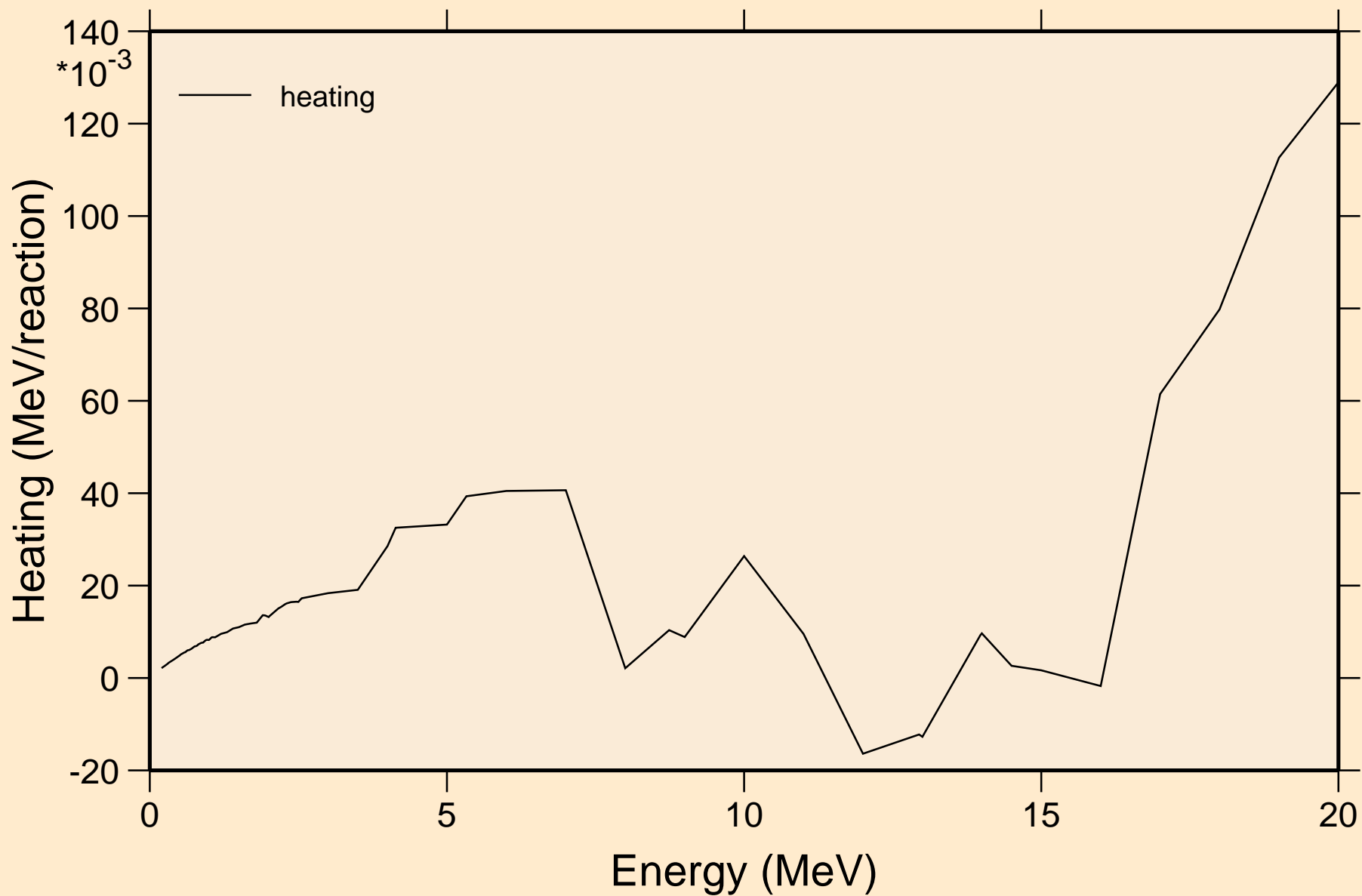
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Principal cross sections



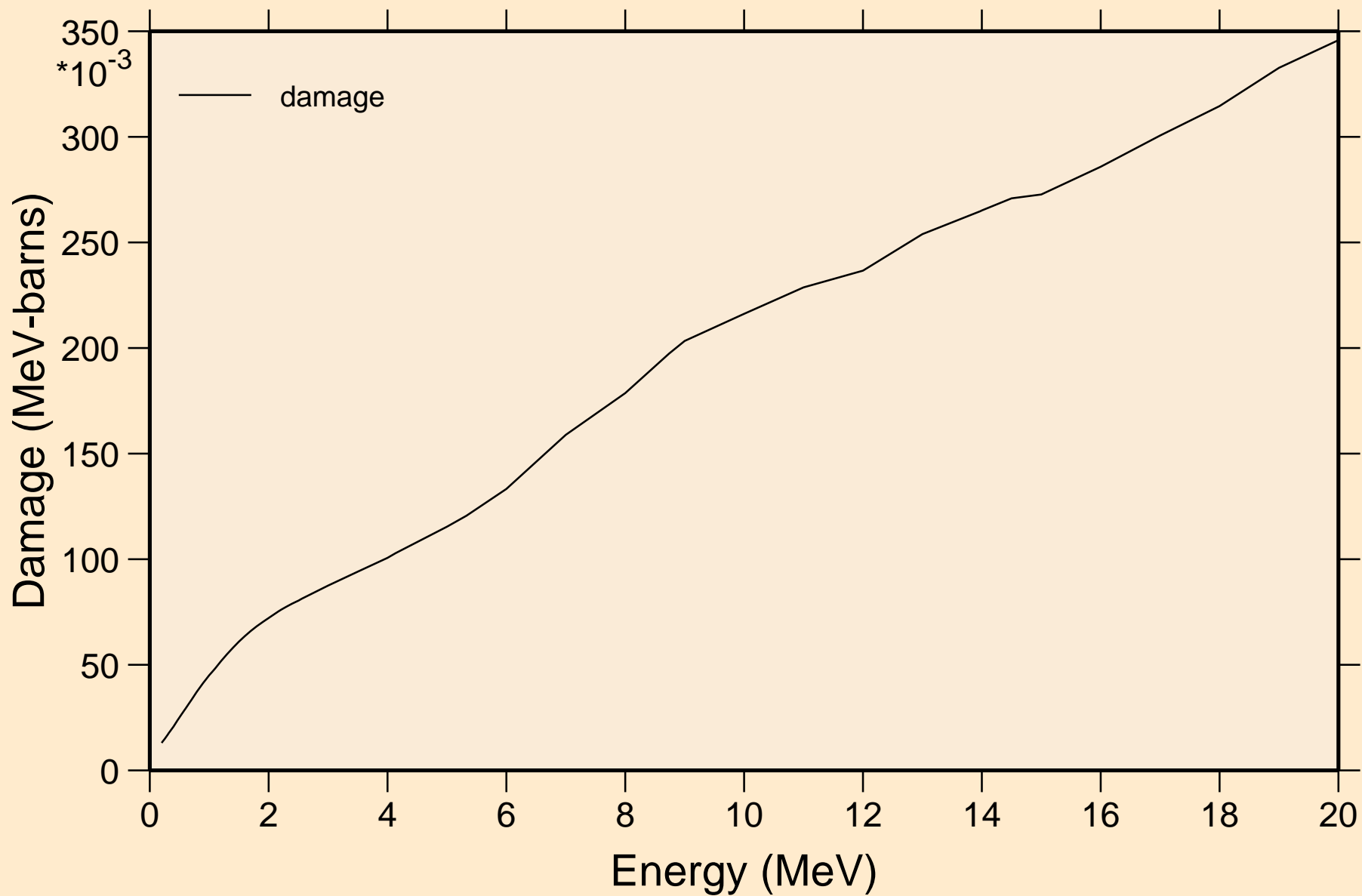
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Heating

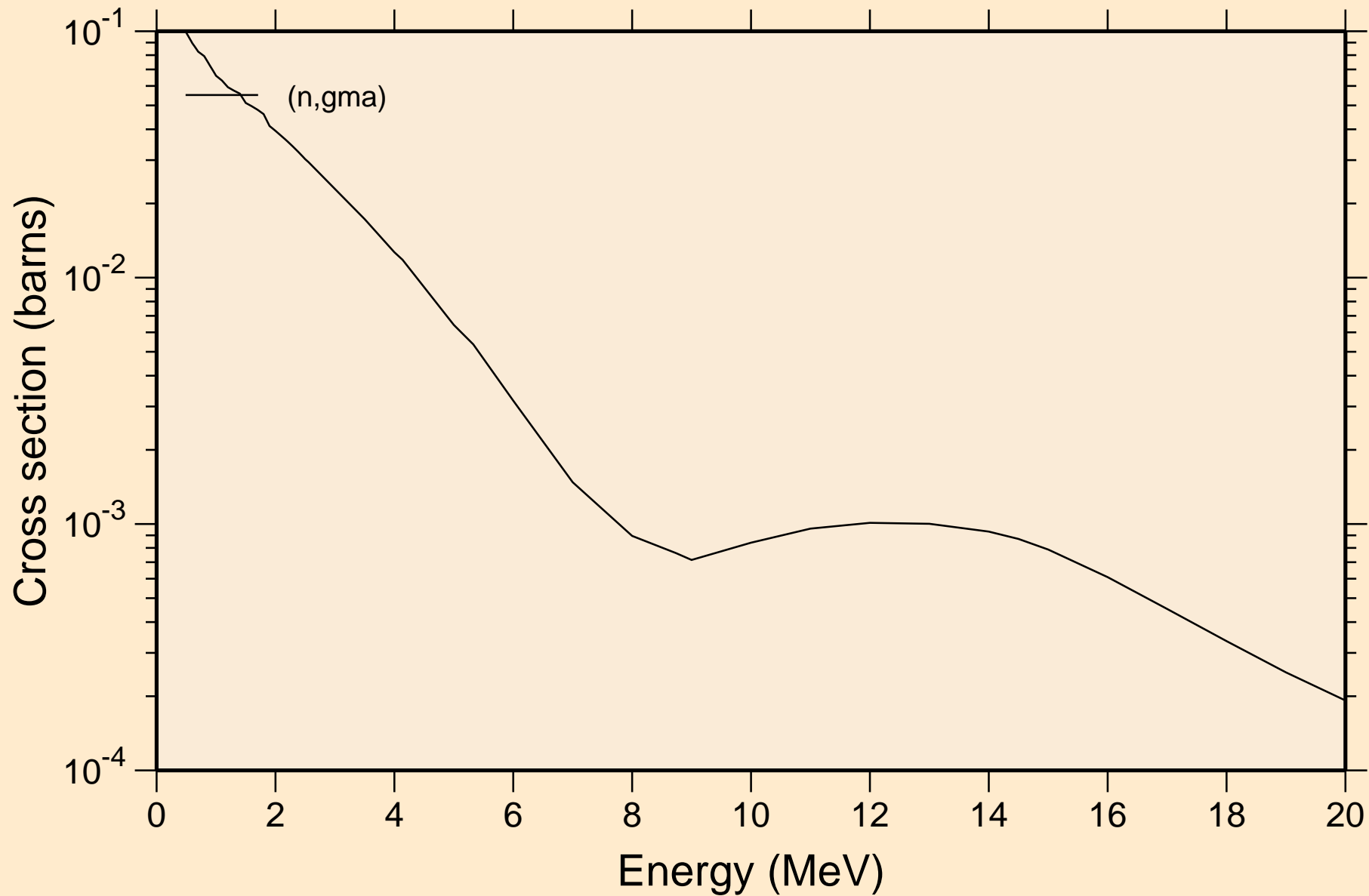


ENDF/B-VII.1 ND-147

Damage

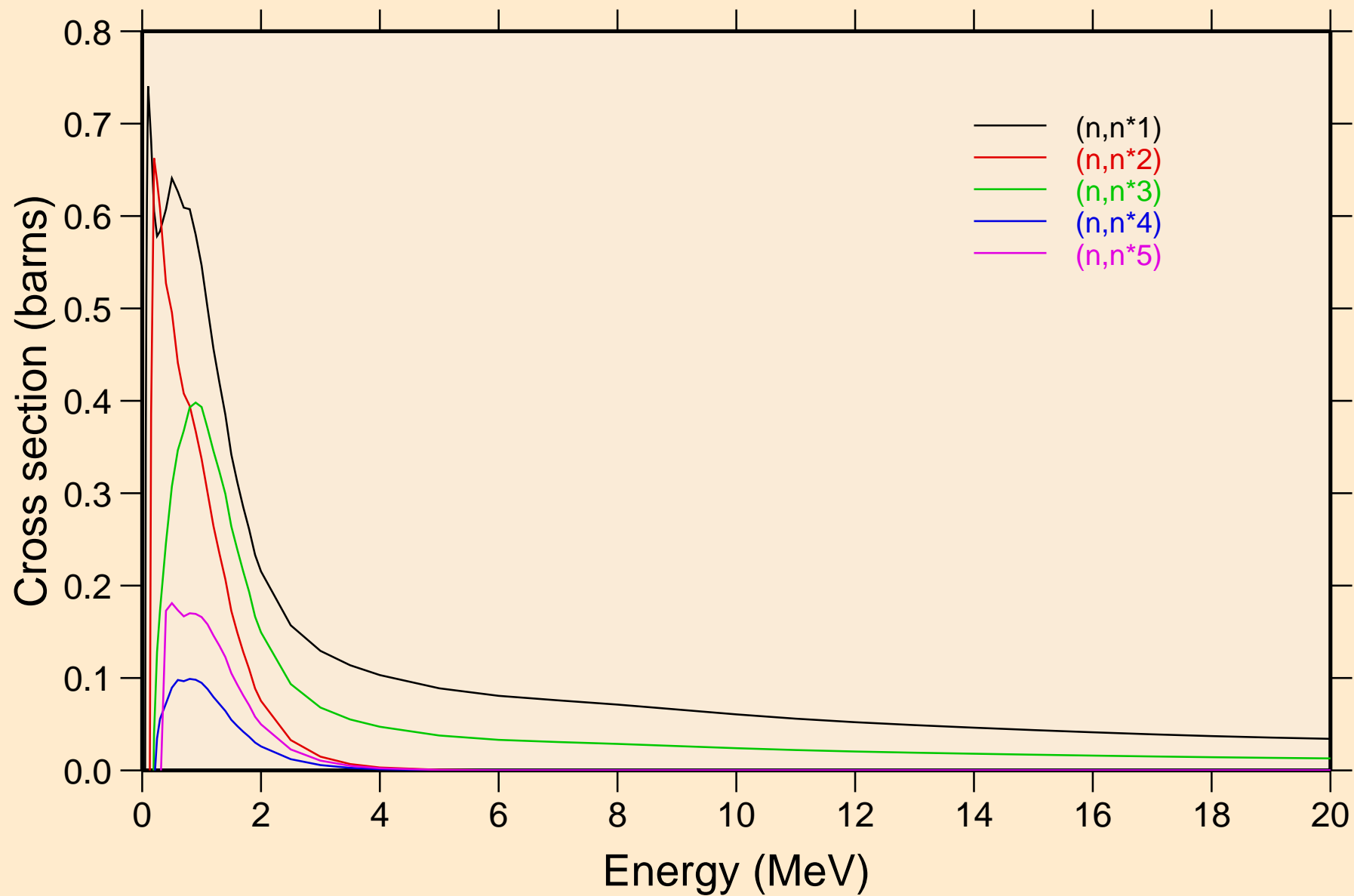


ENDF/B-VII.1 ND-147
Non-threshold reactions



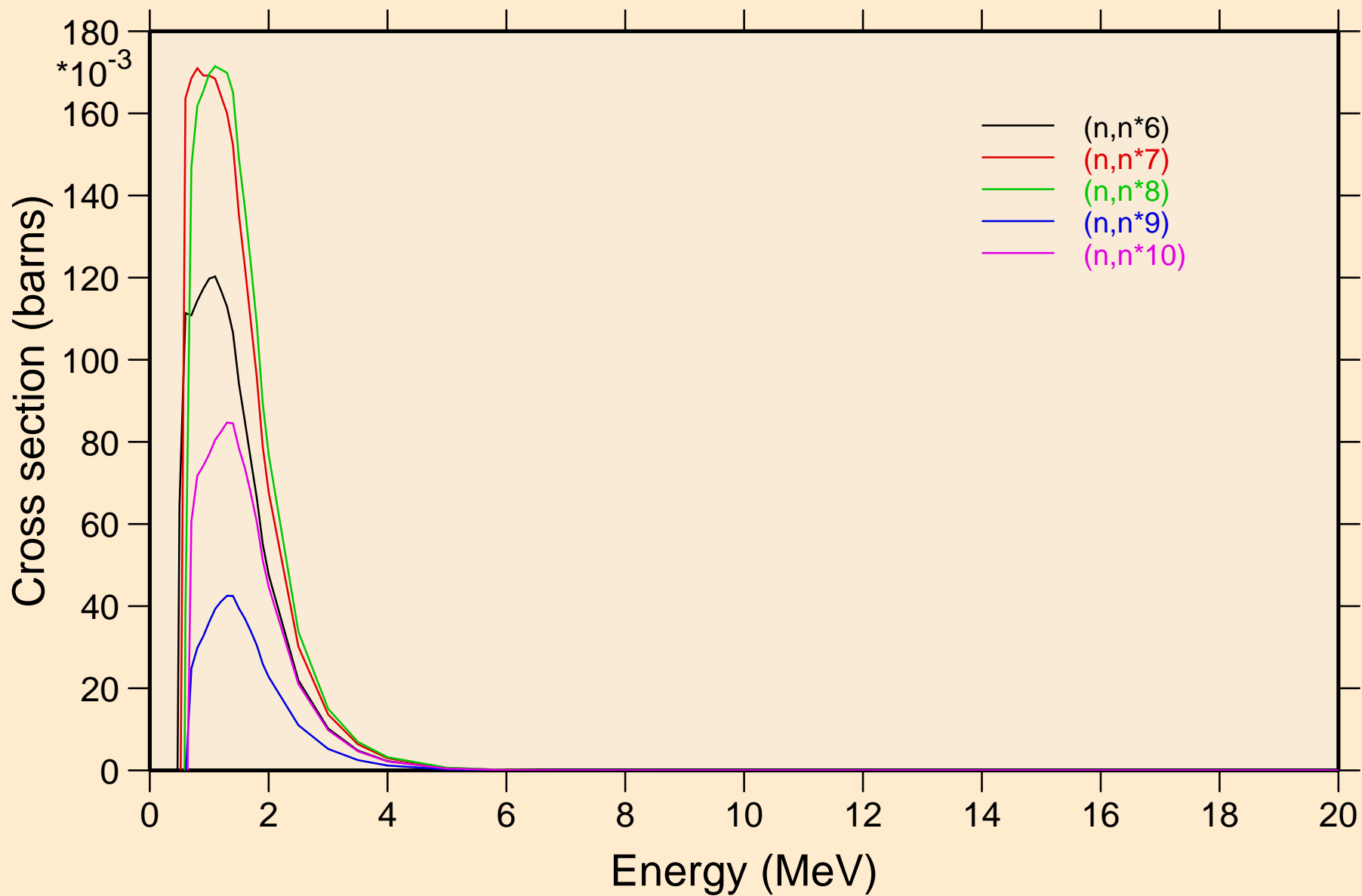
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Inelastic levels



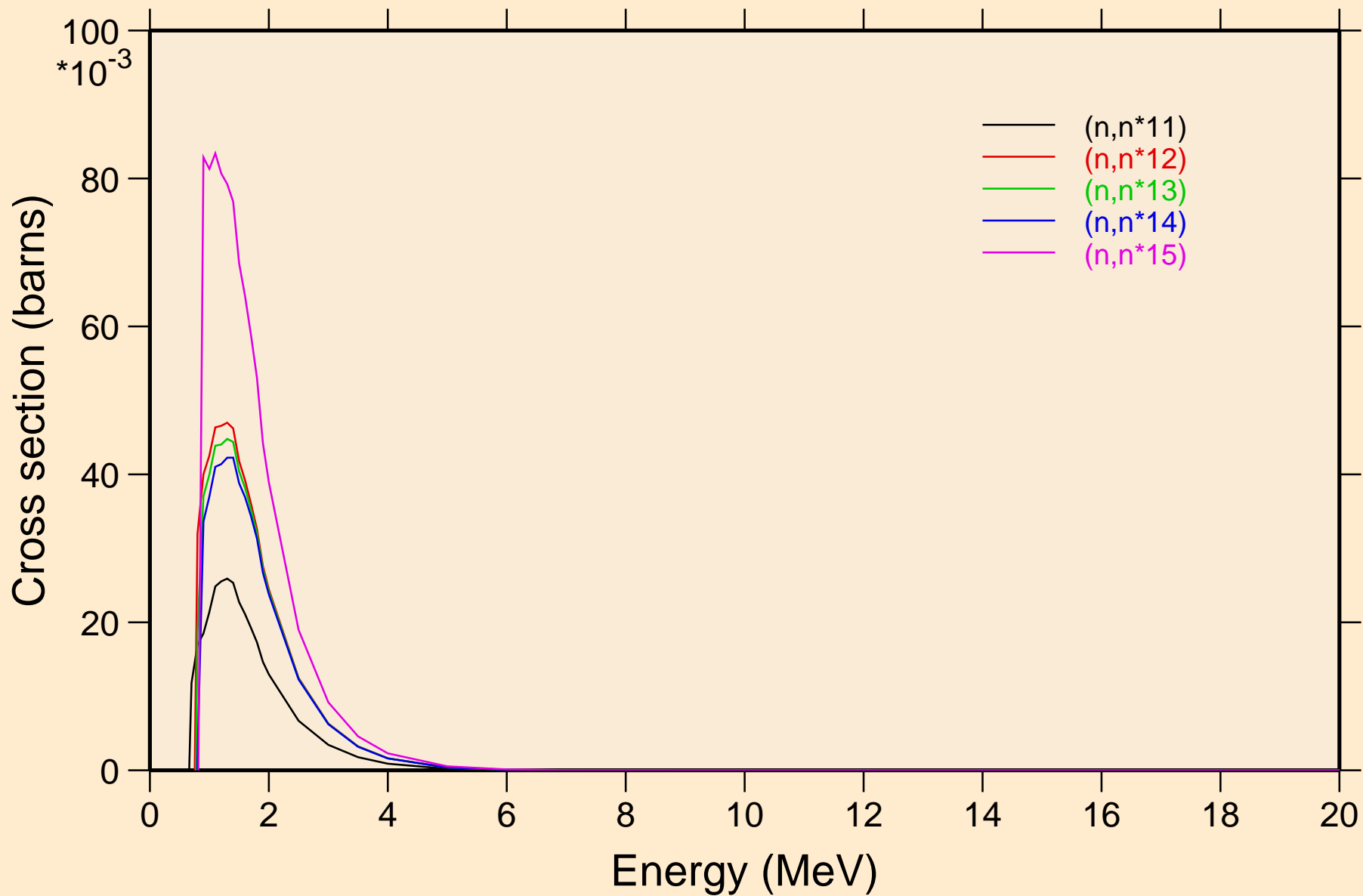
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Inelastic levels



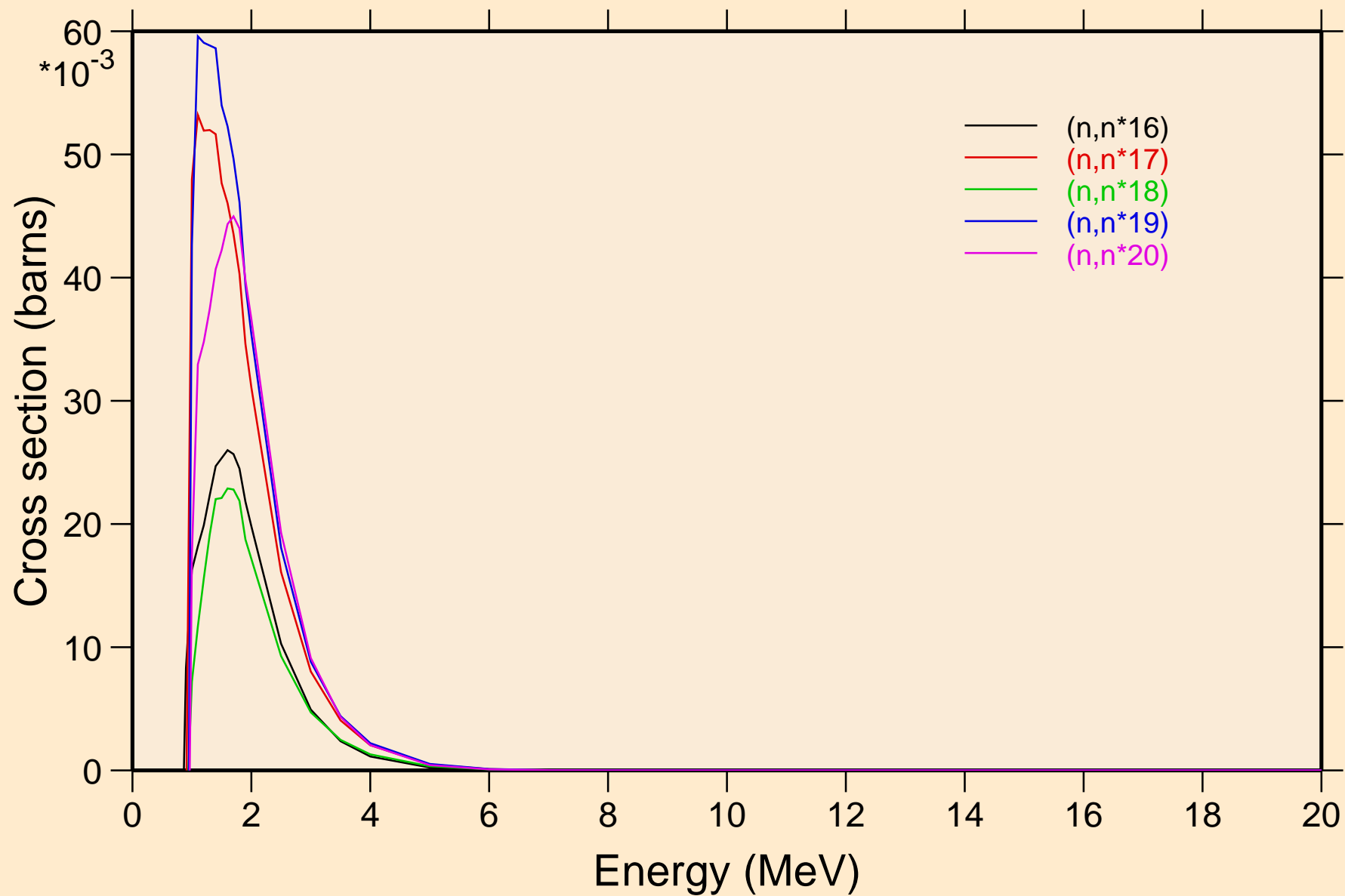
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Inelastic levels



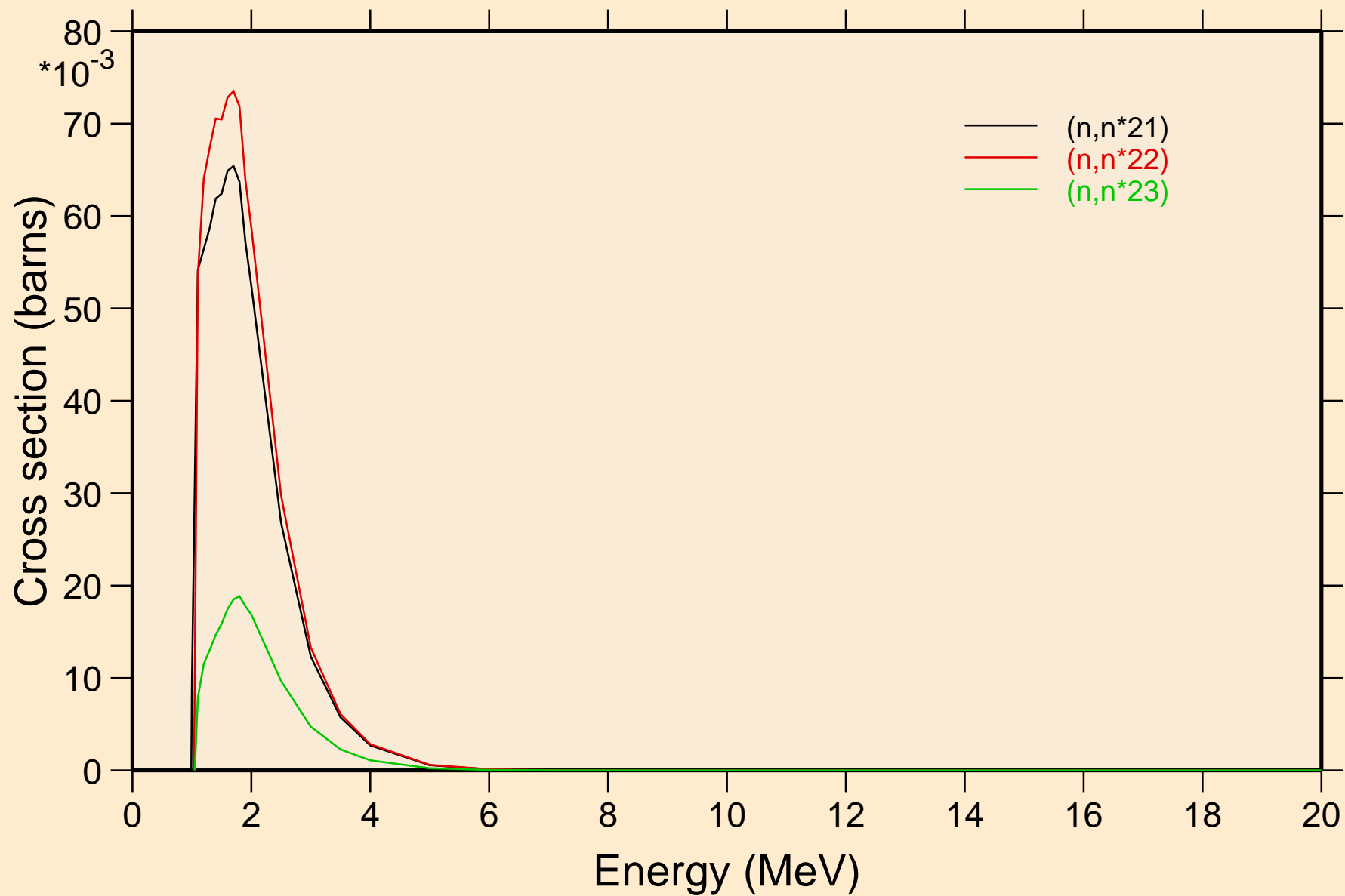
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Inelastic levels



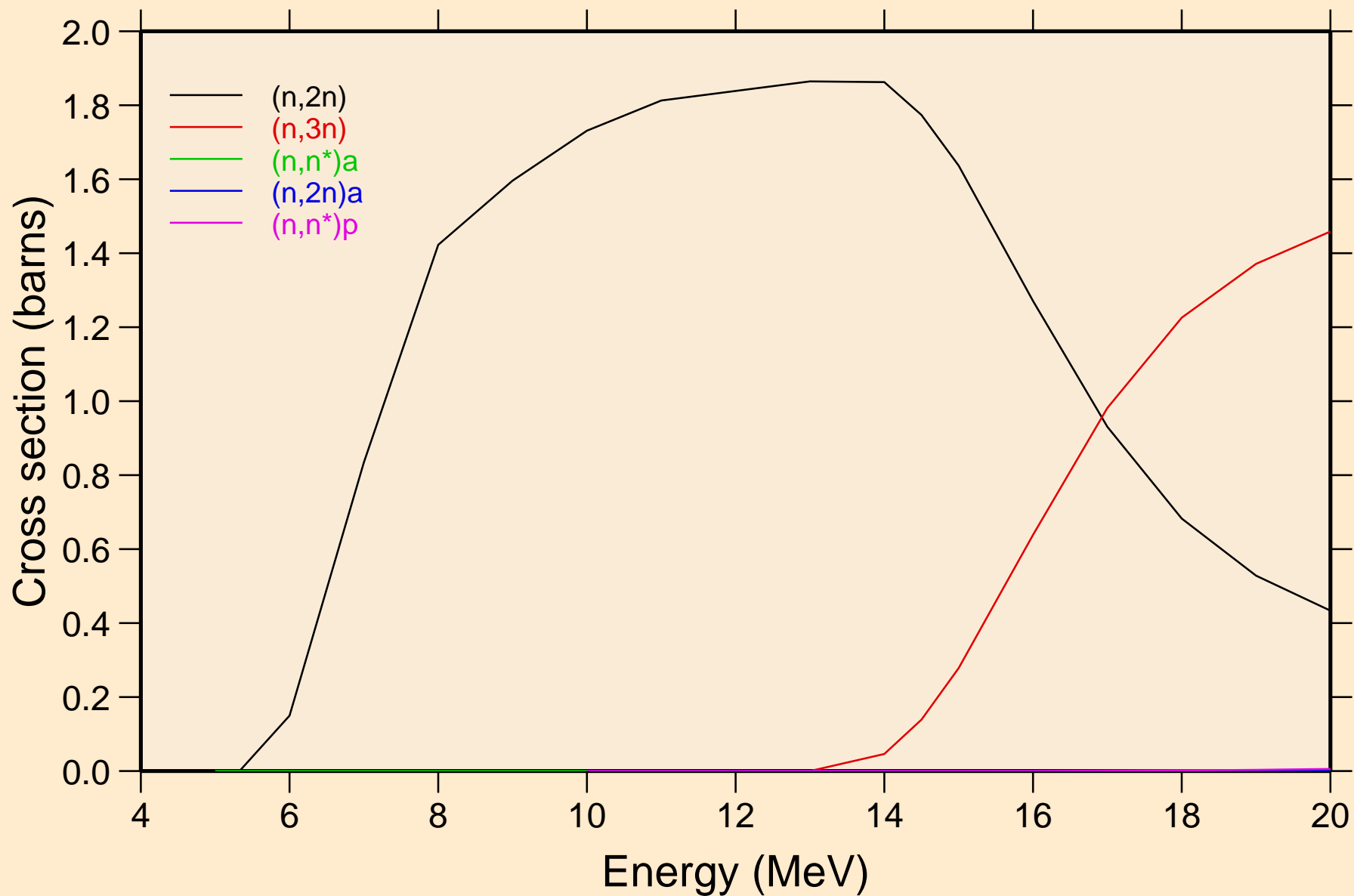
ENDF/B-VII.1 ND-147

Inelastic levels



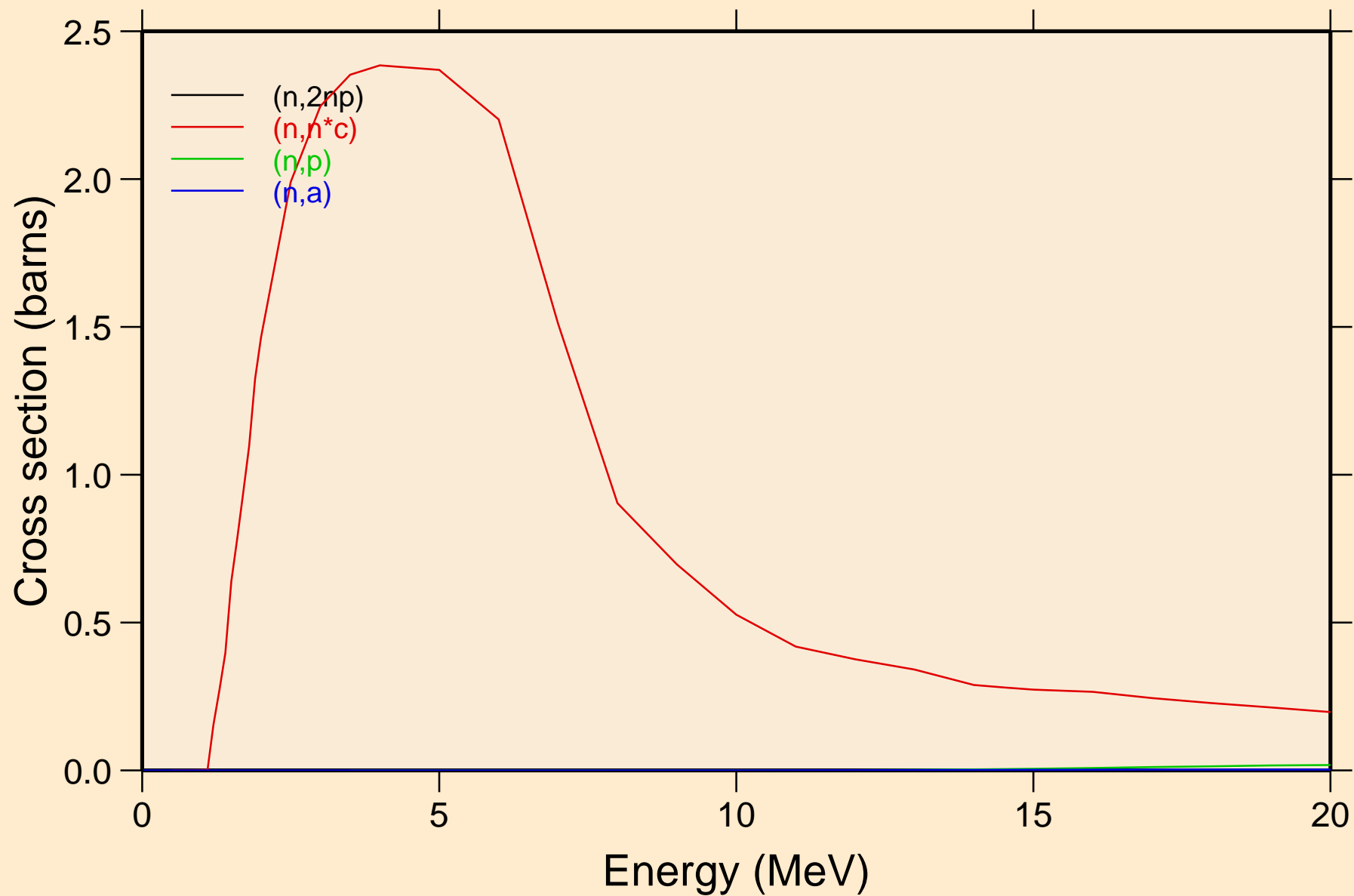
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Threshold reactions



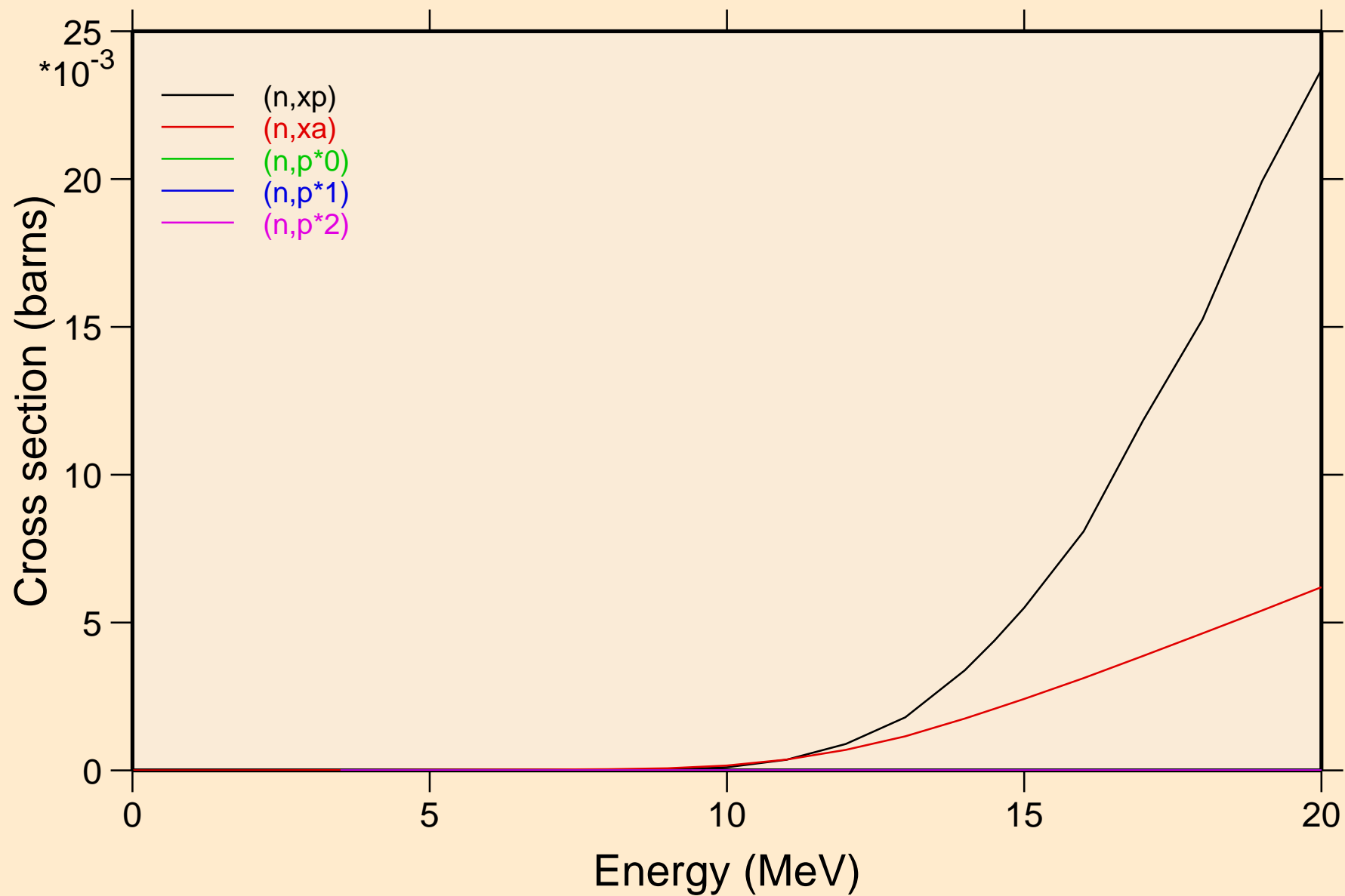
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Threshold reactions



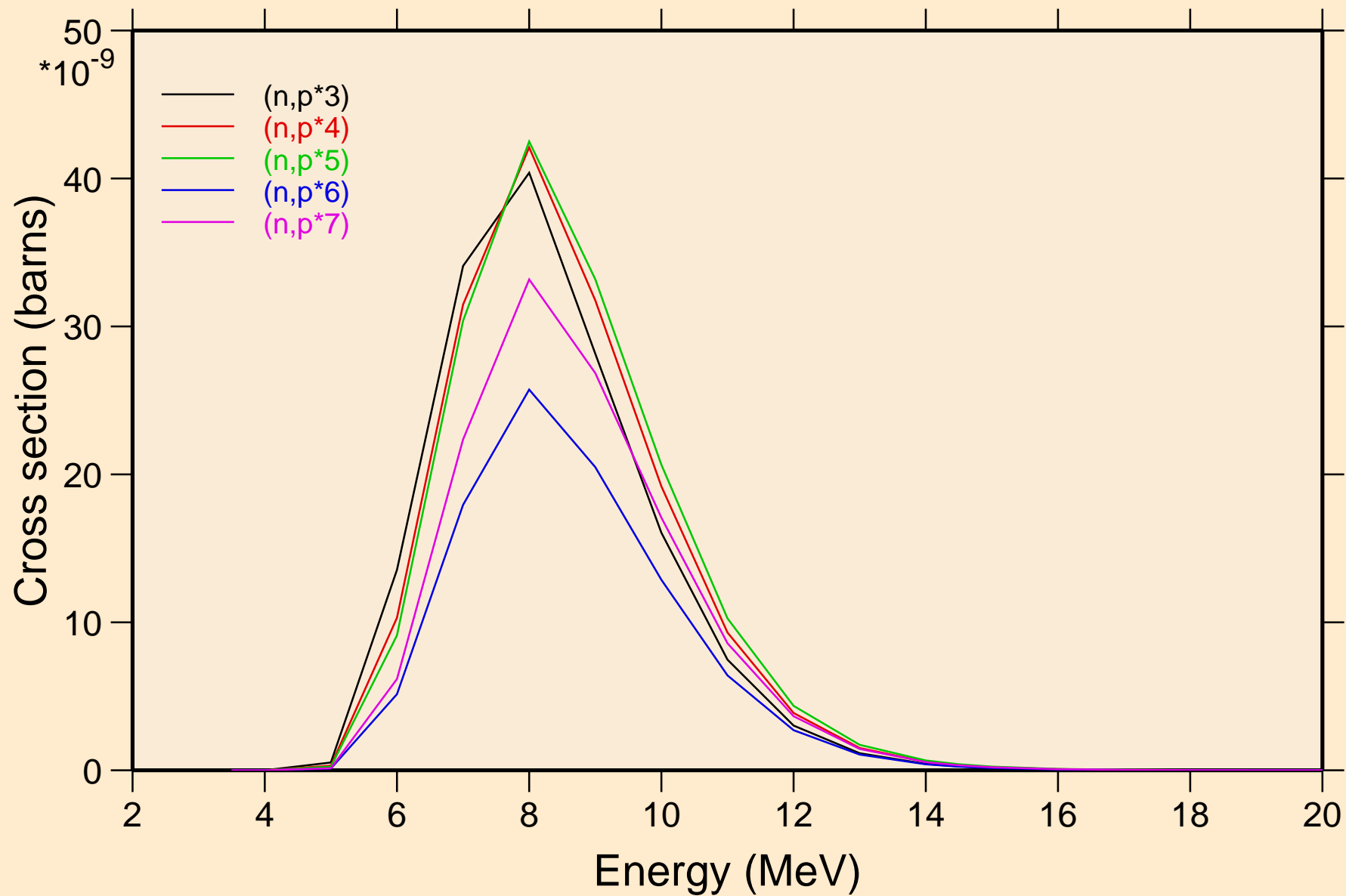
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Threshold reactions



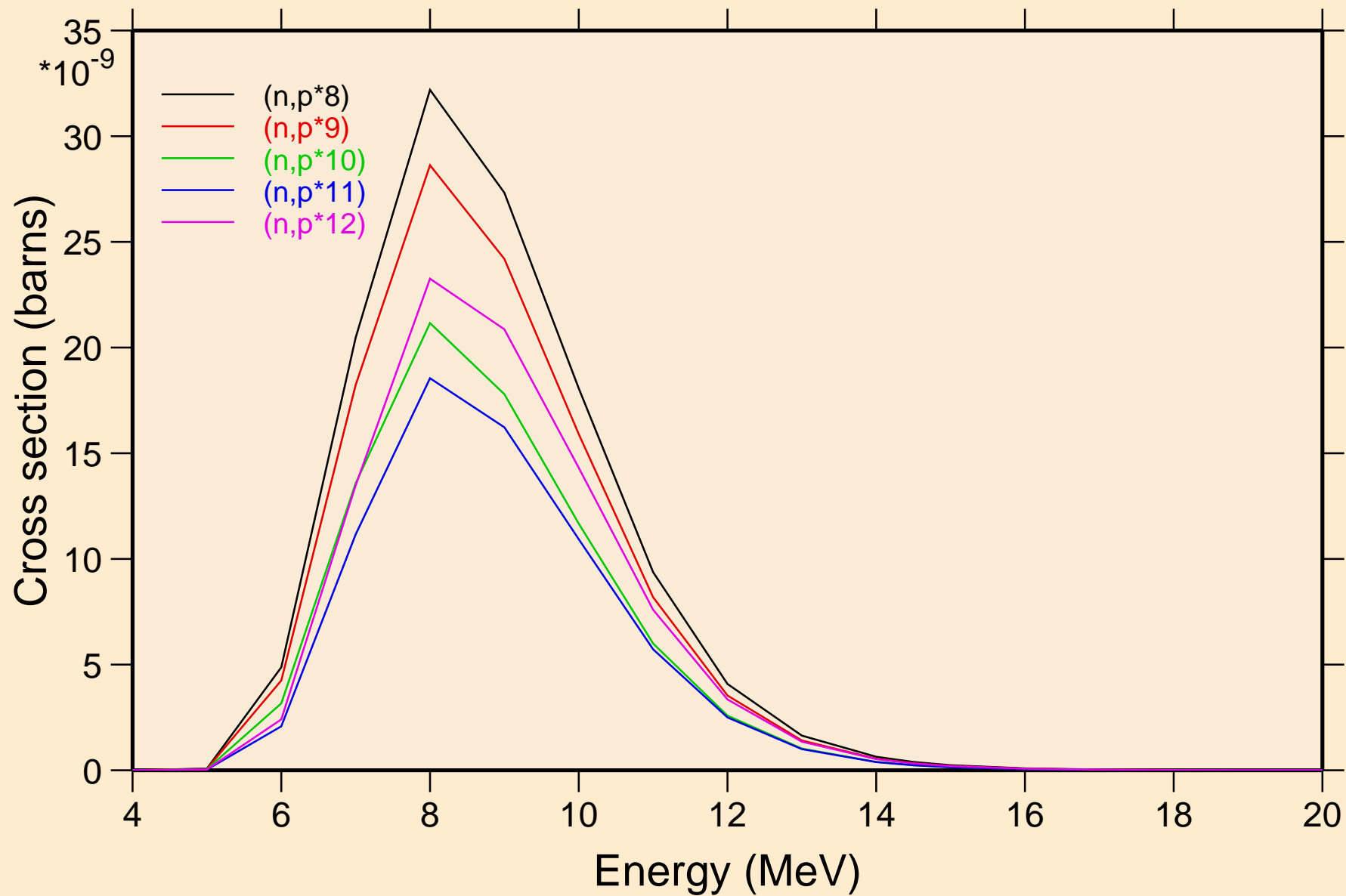
ENDF/B-VII.1 ND-147

Threshold reactions



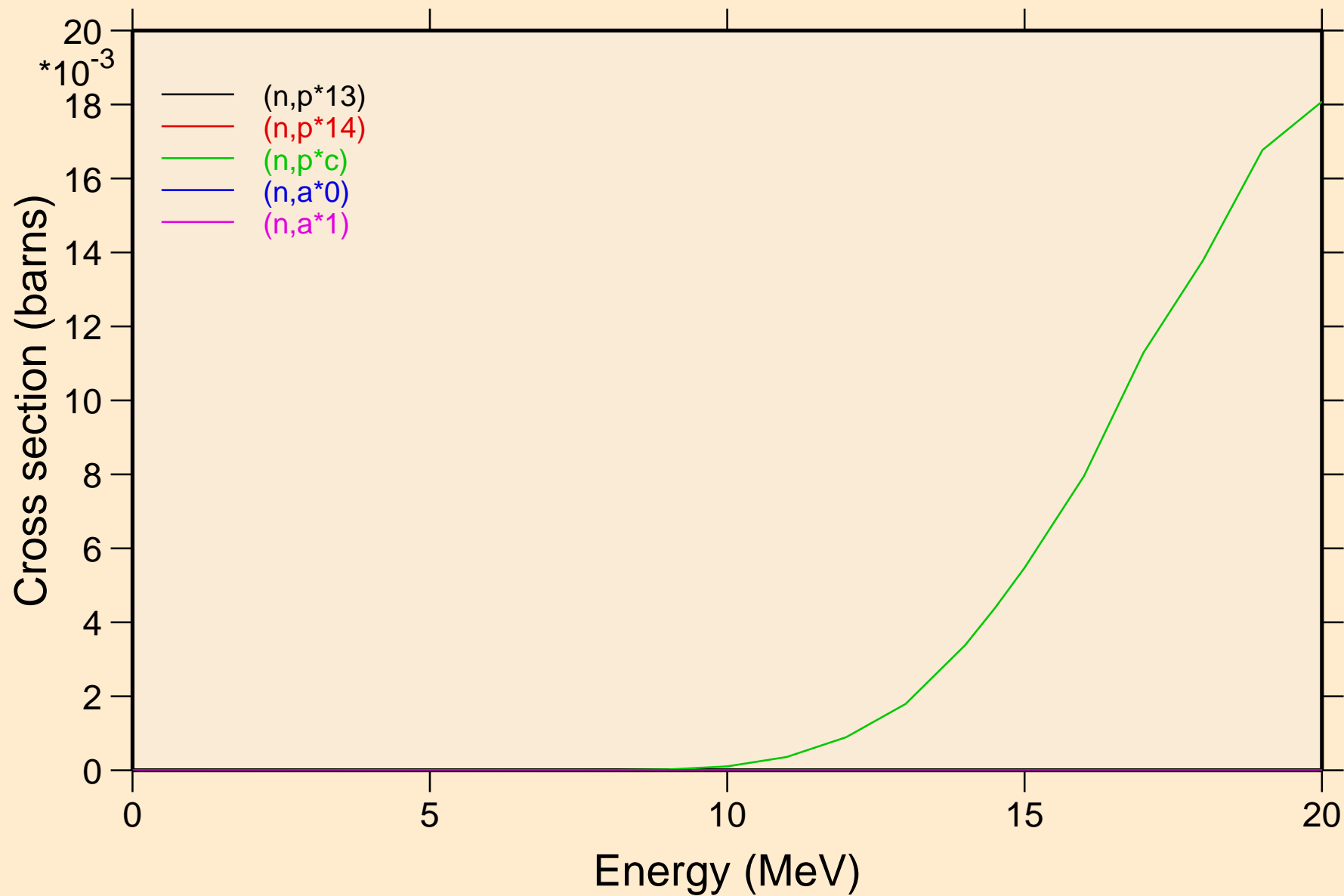
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Threshold reactions



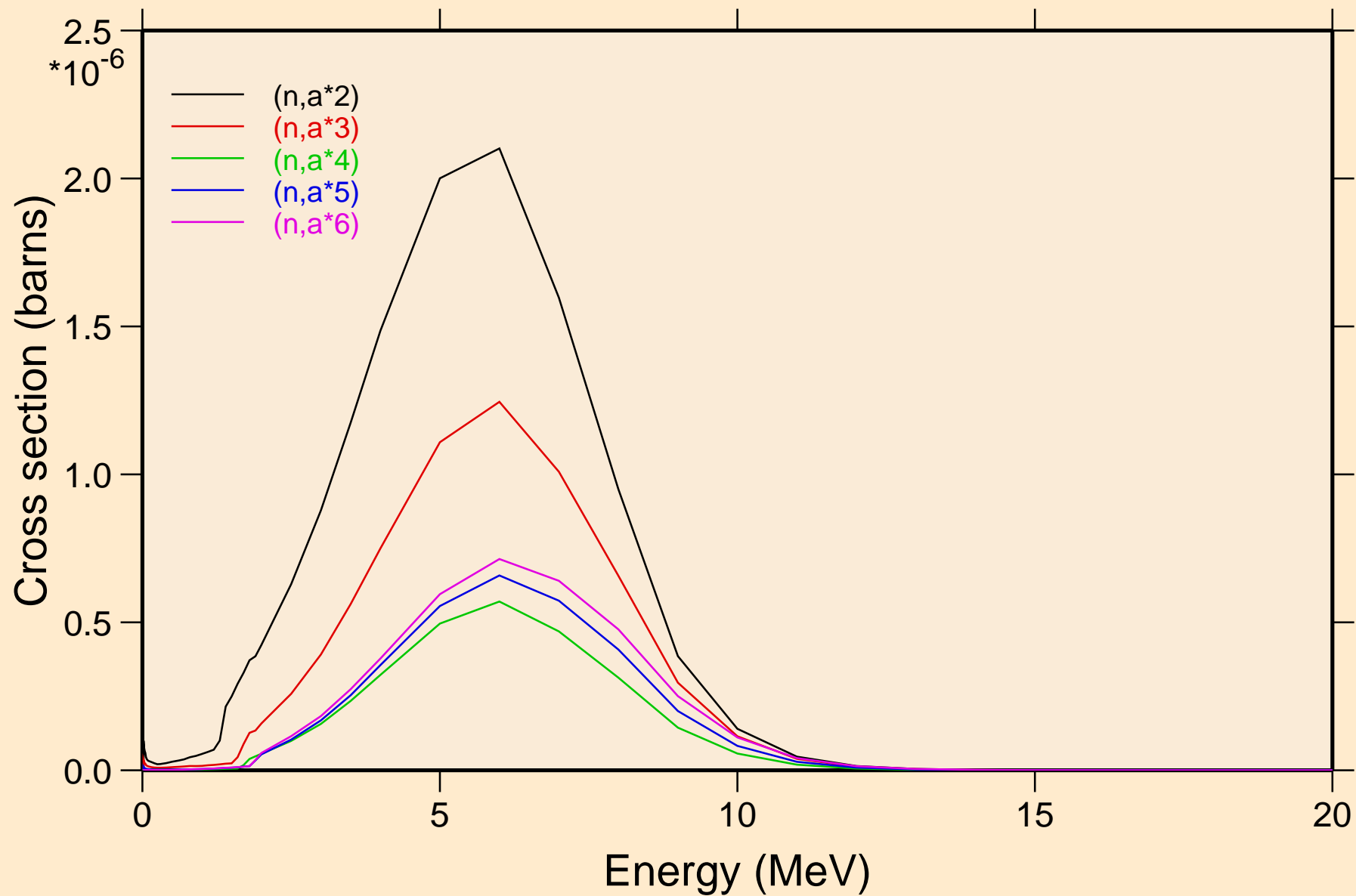
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Threshold reactions



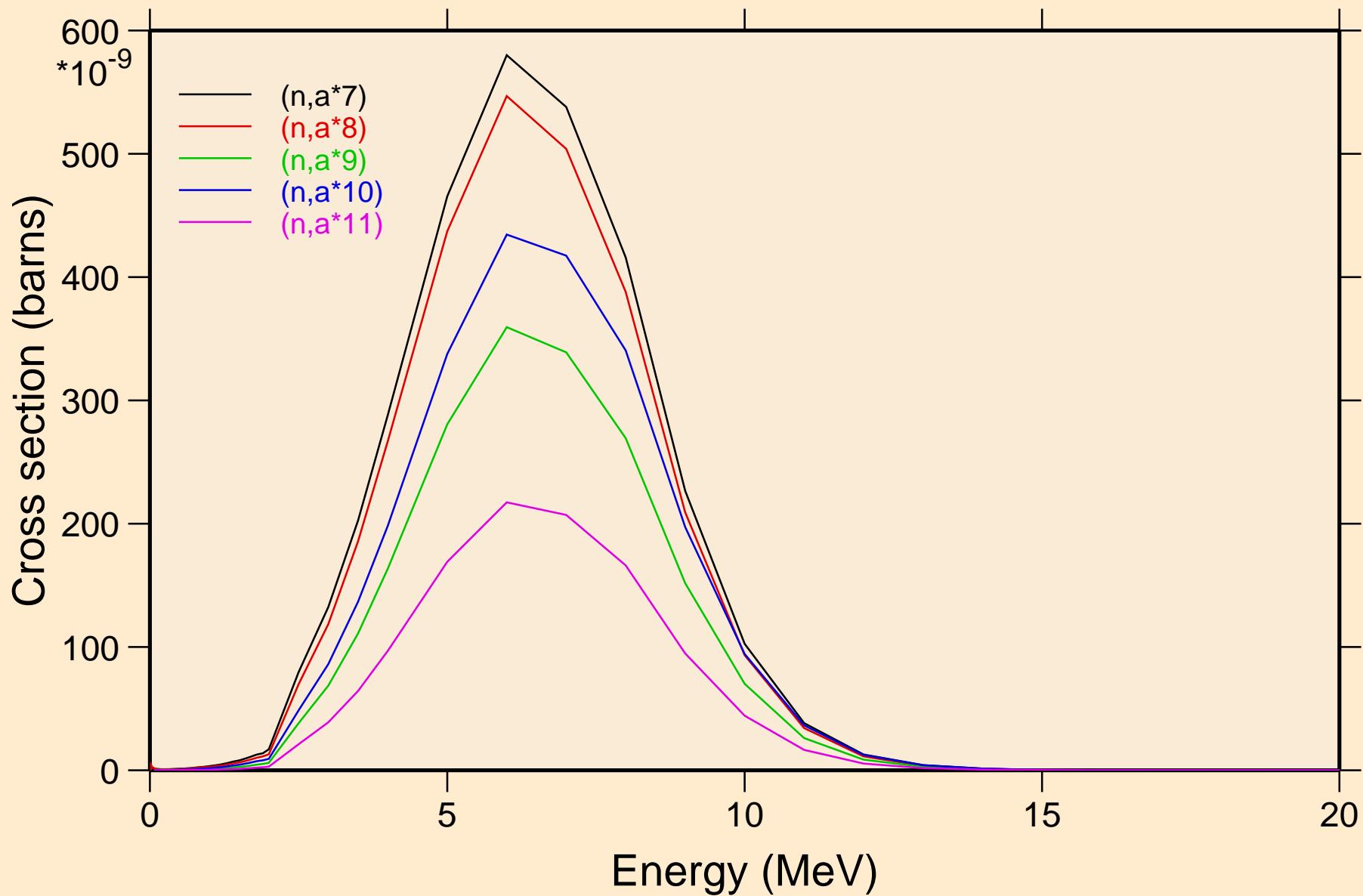
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Threshold reactions



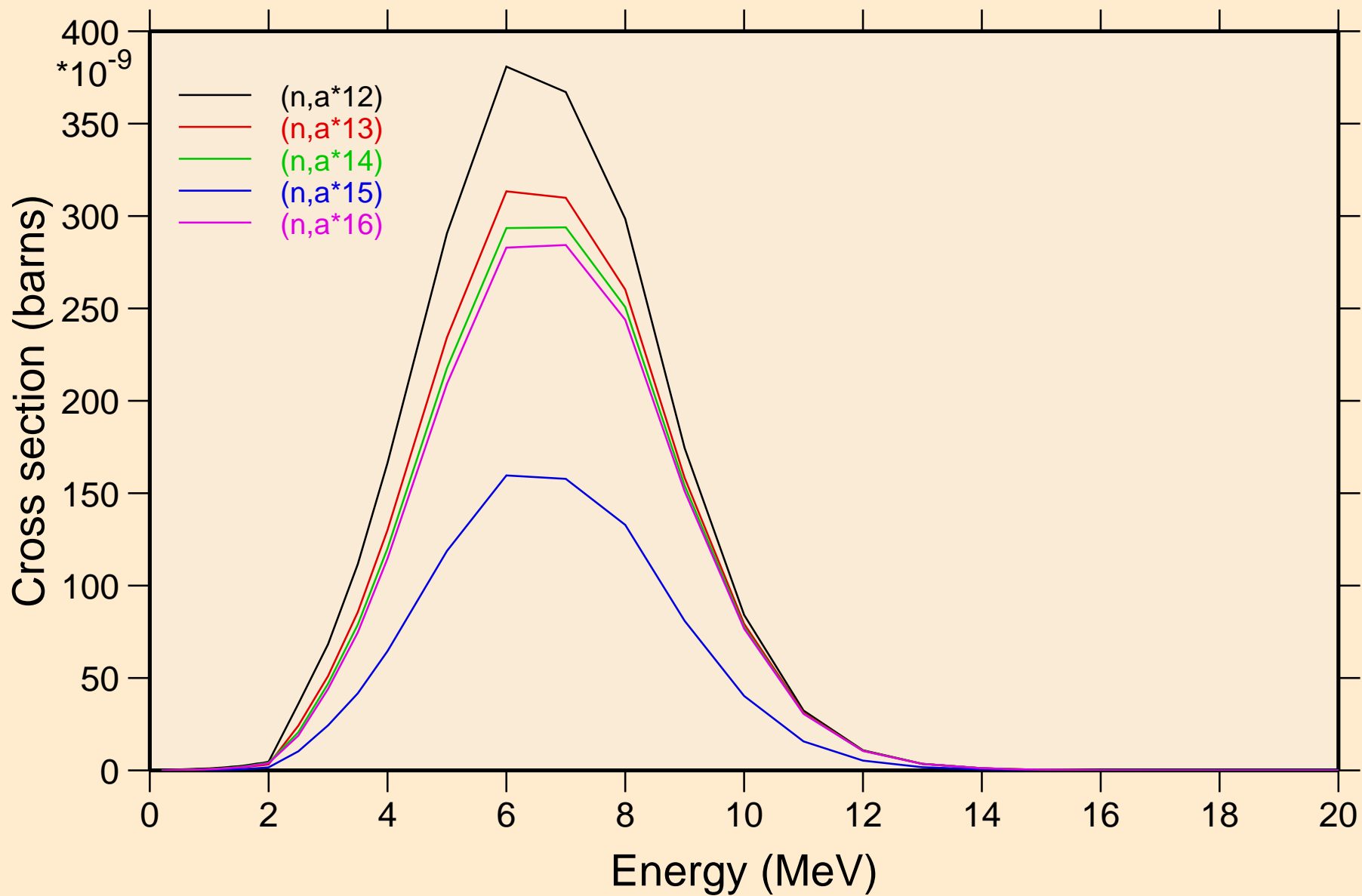
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Threshold reactions



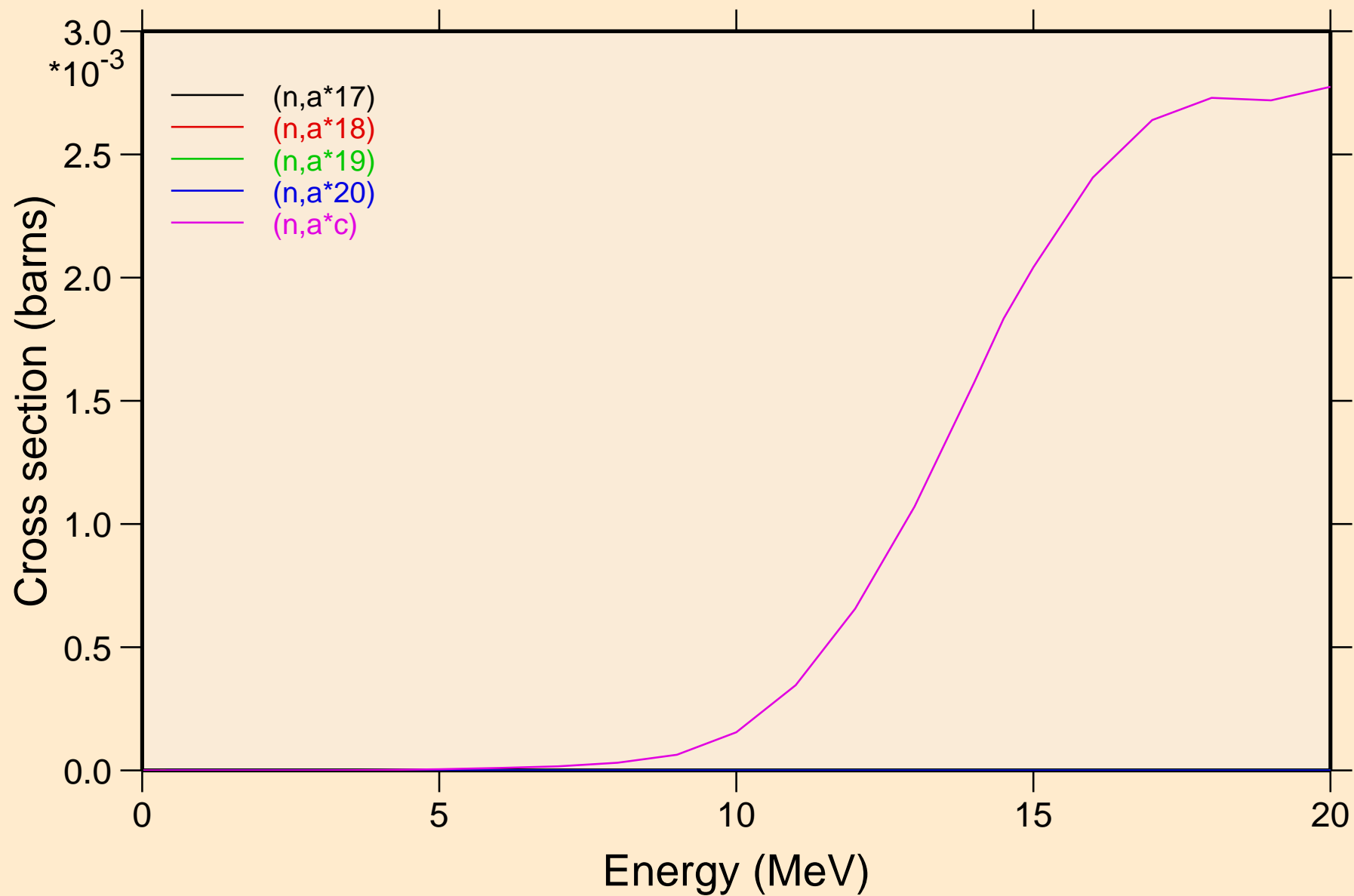
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Threshold reactions

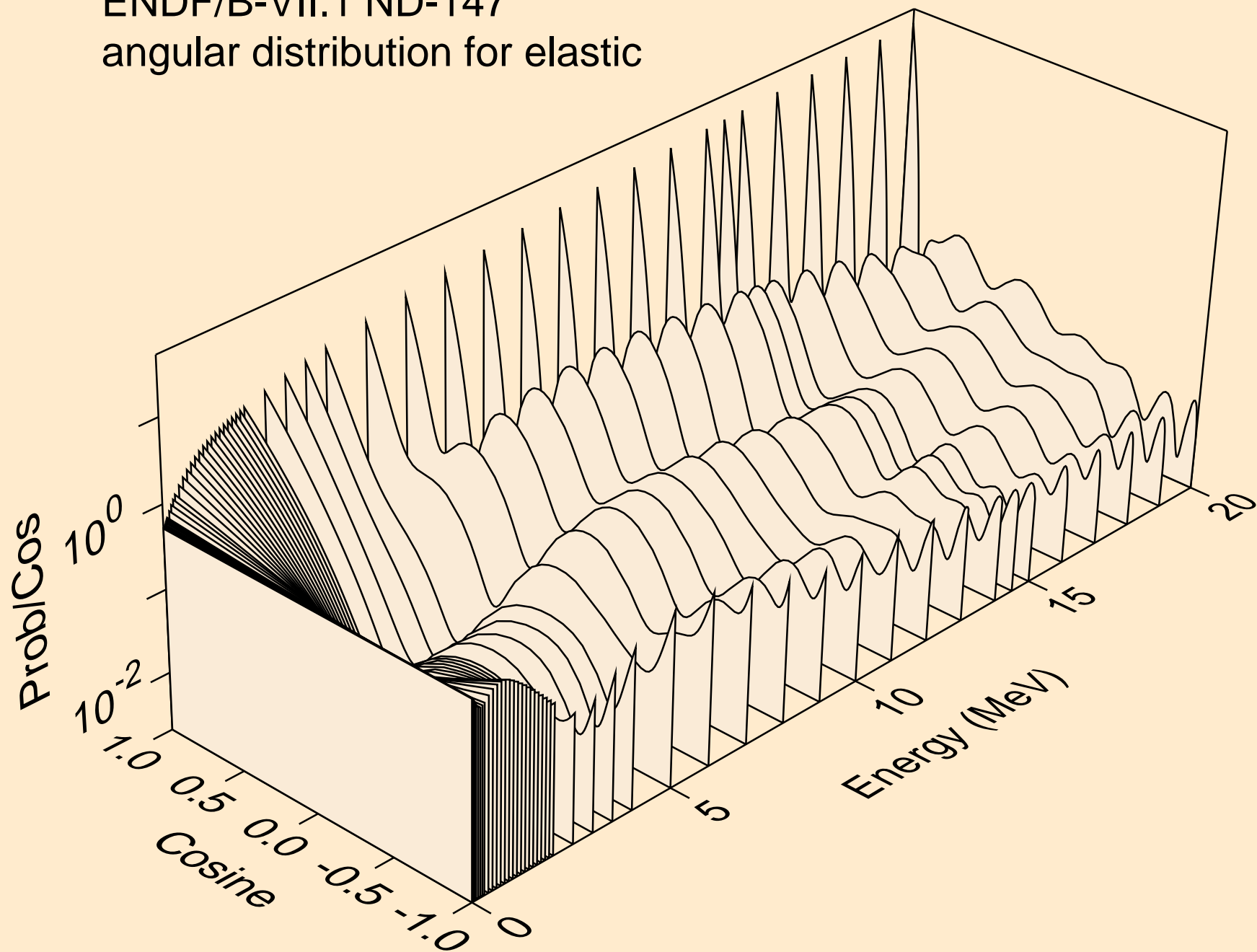


ENDF/B-VII.1 ND-147

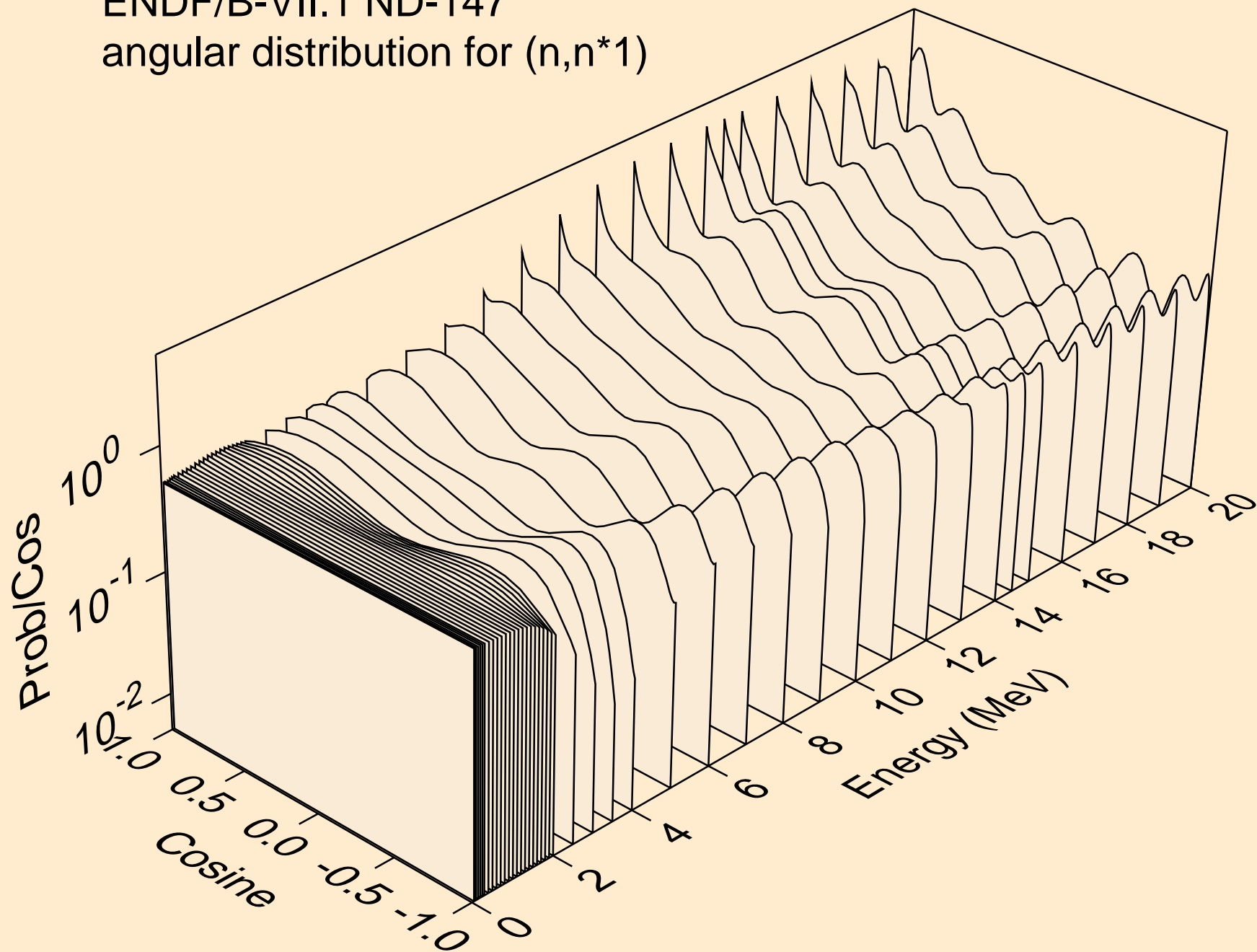
Threshold reactions



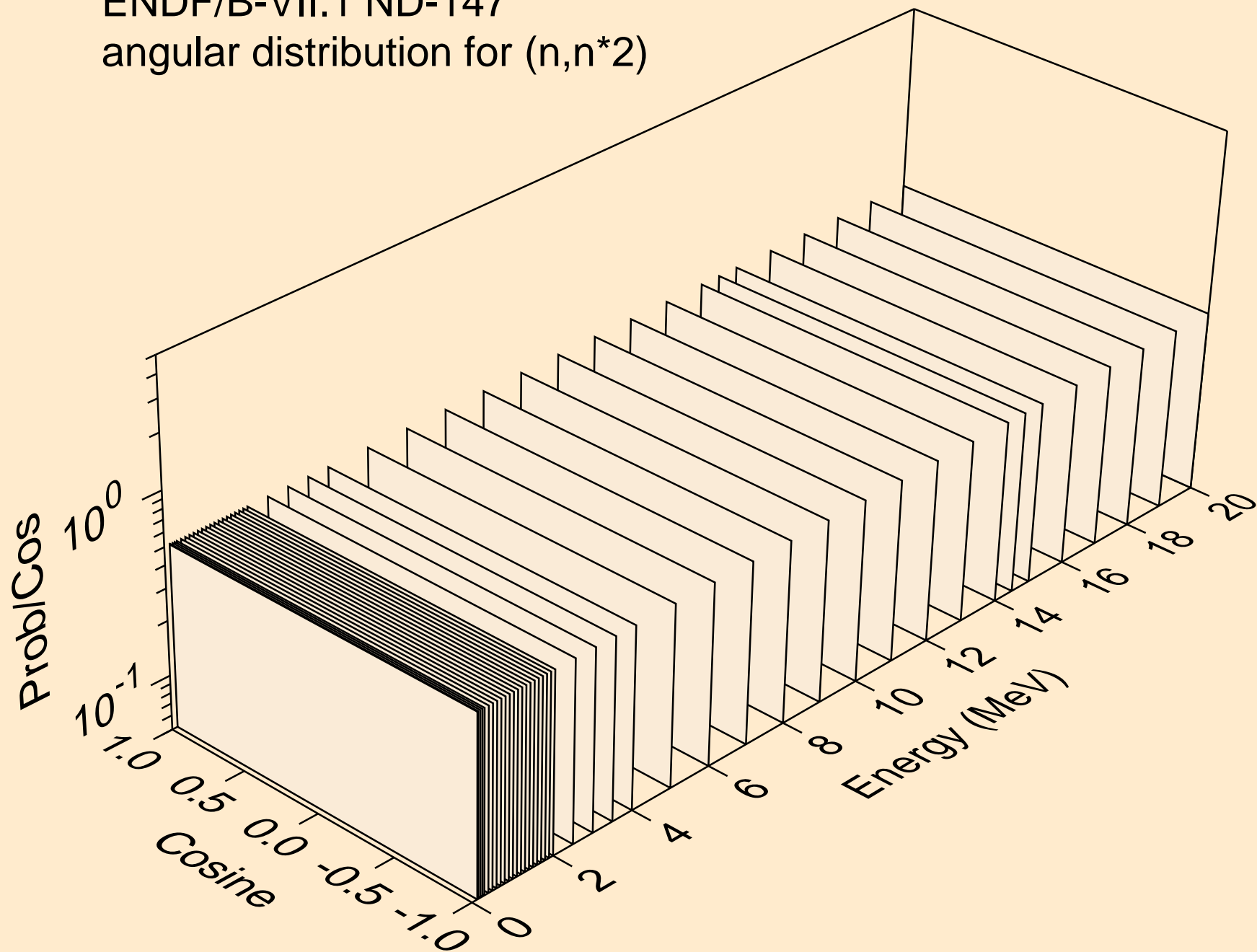
ENDF/B-VII.1 ND-147
angular distribution for elastic



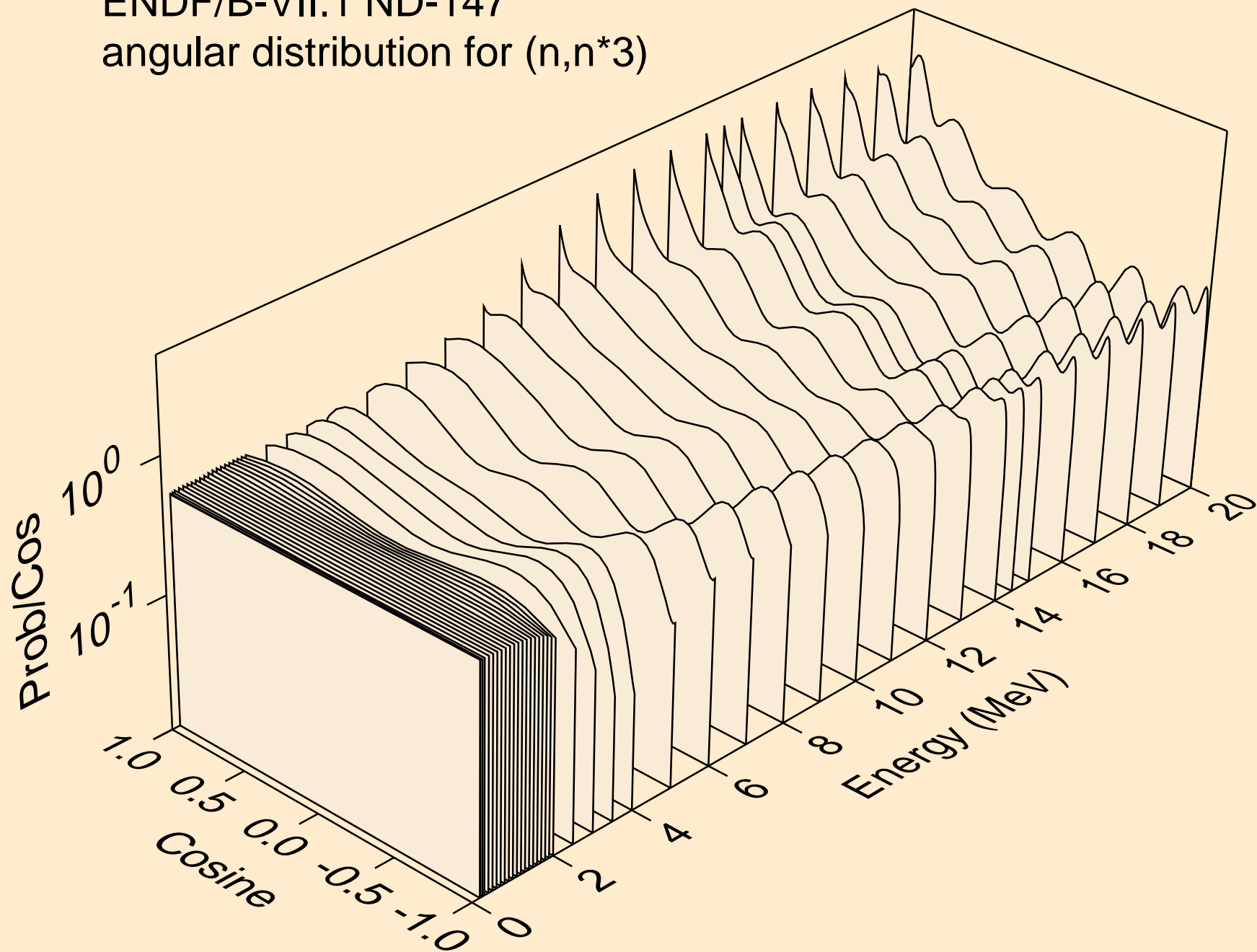
ENDF/B-VII.1 ND-147
angular distribution for (n,n*1)



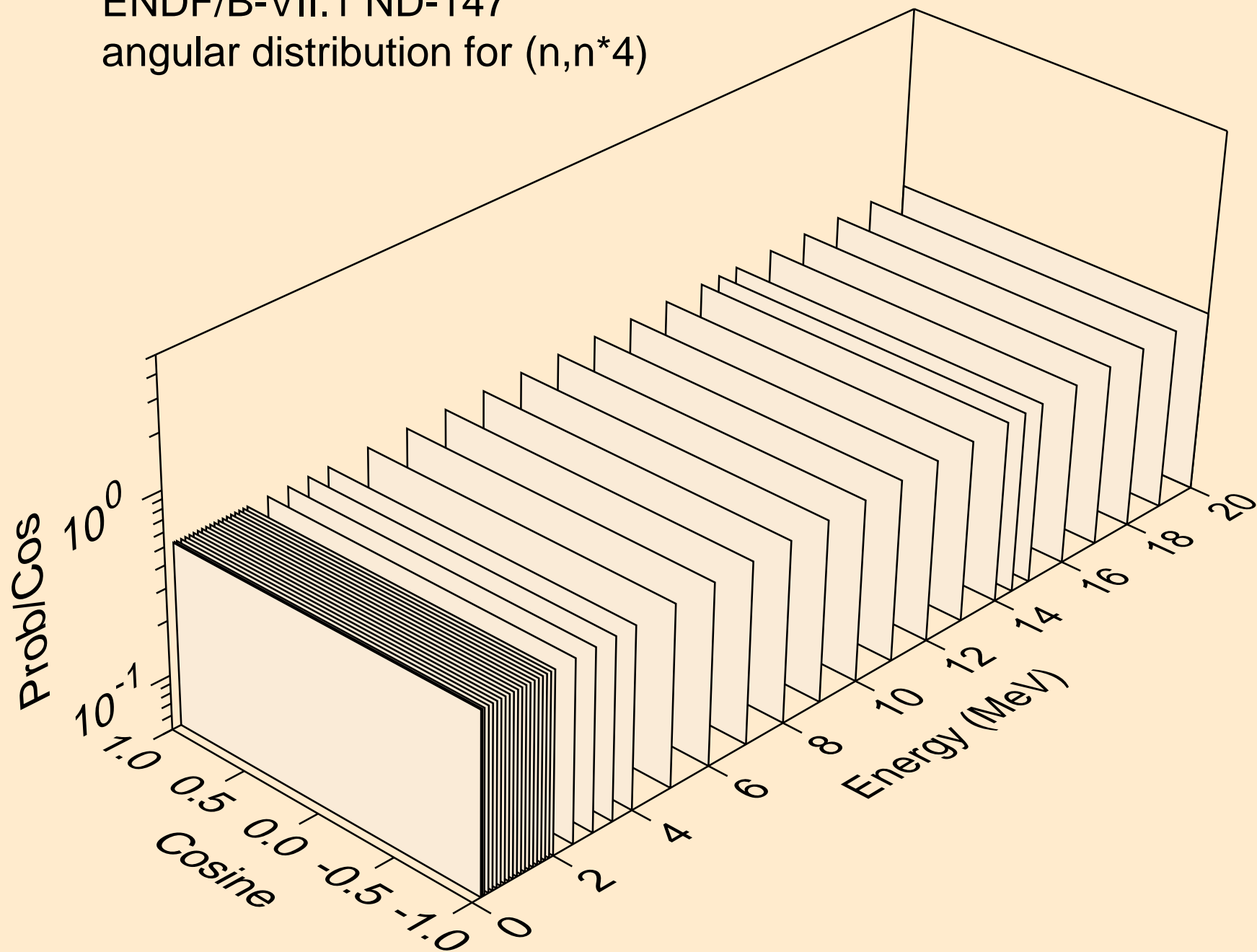
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angular distribution for (n,n*2)



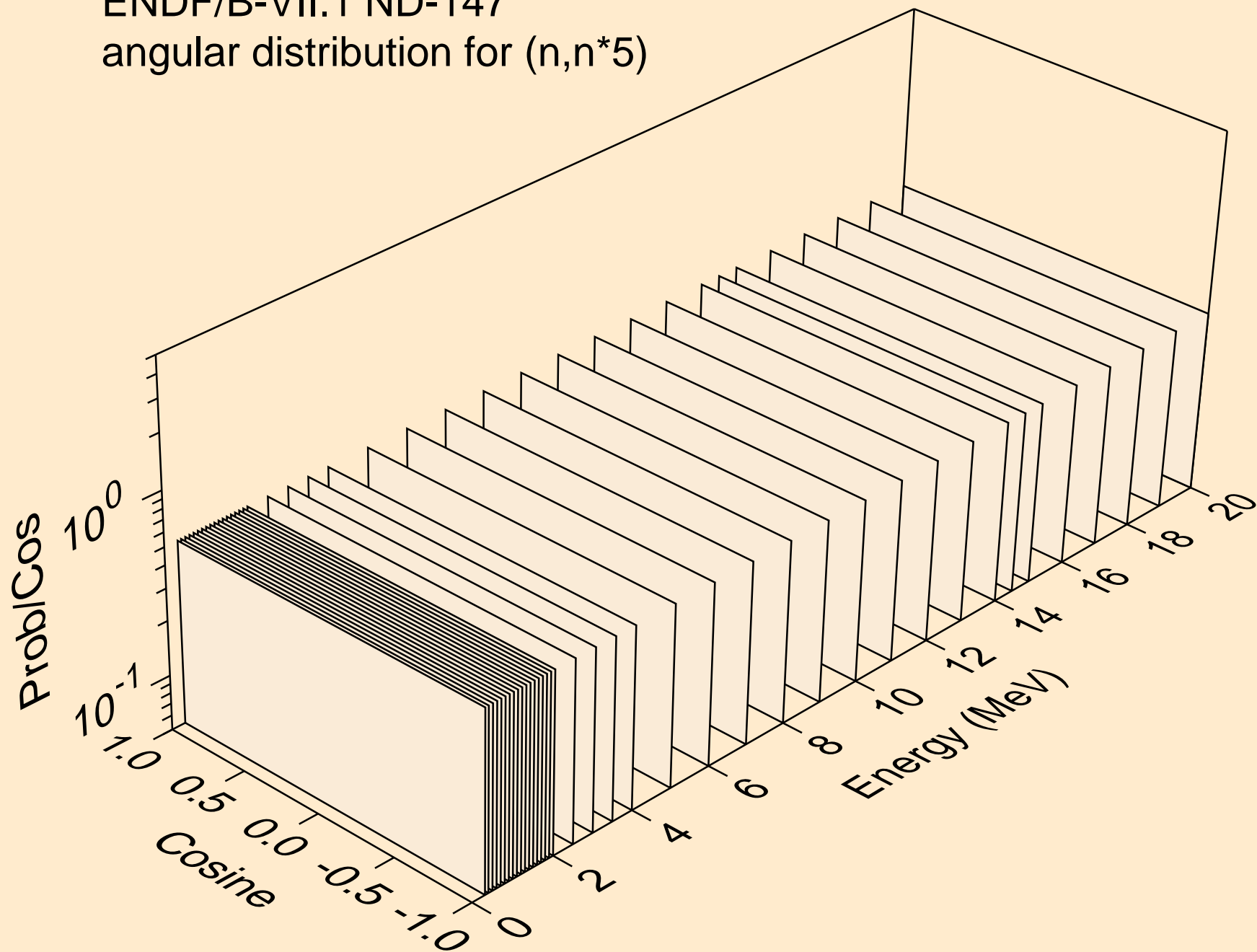
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angular distribution for (n,n*3)



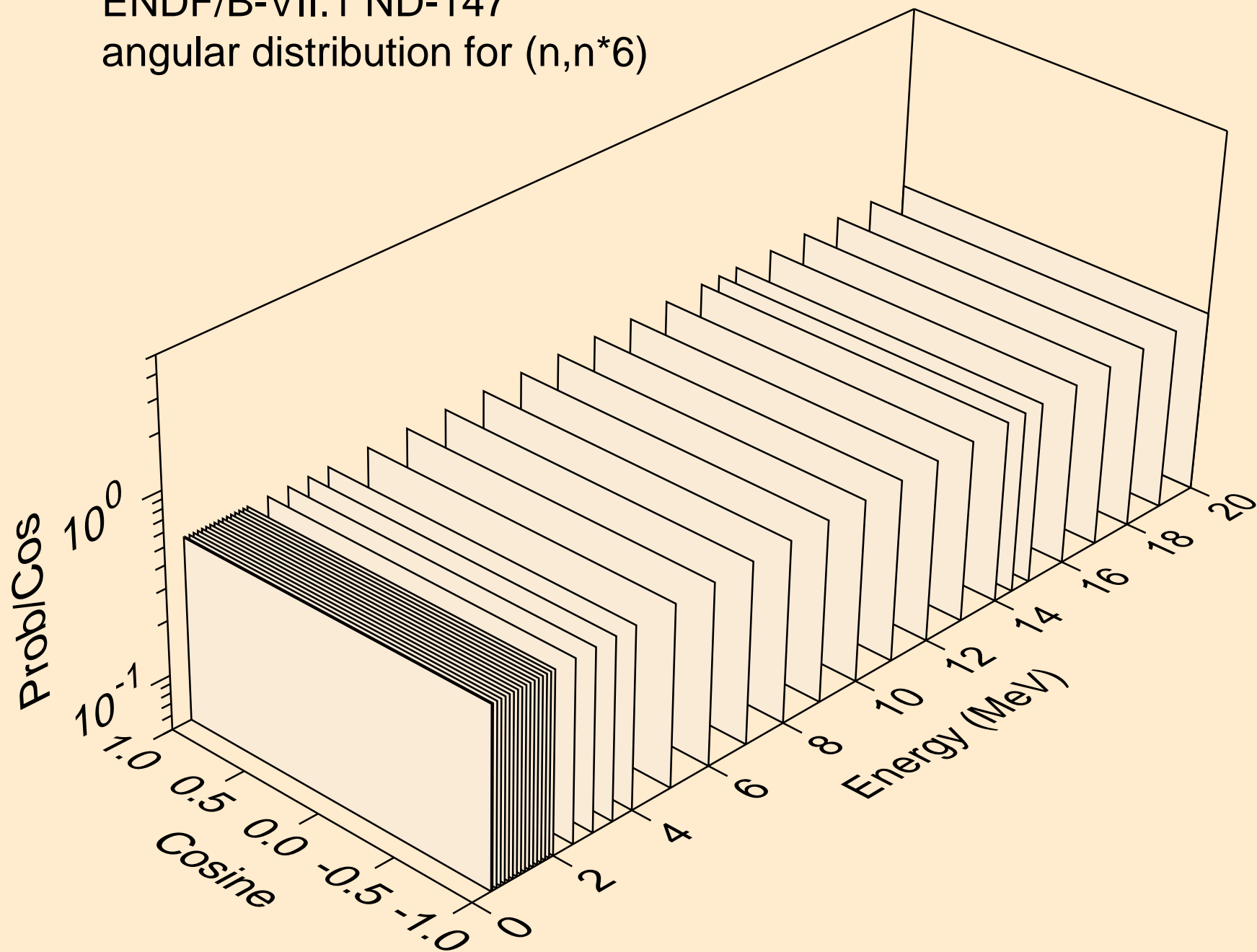
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angular distribution for (n,n*4)



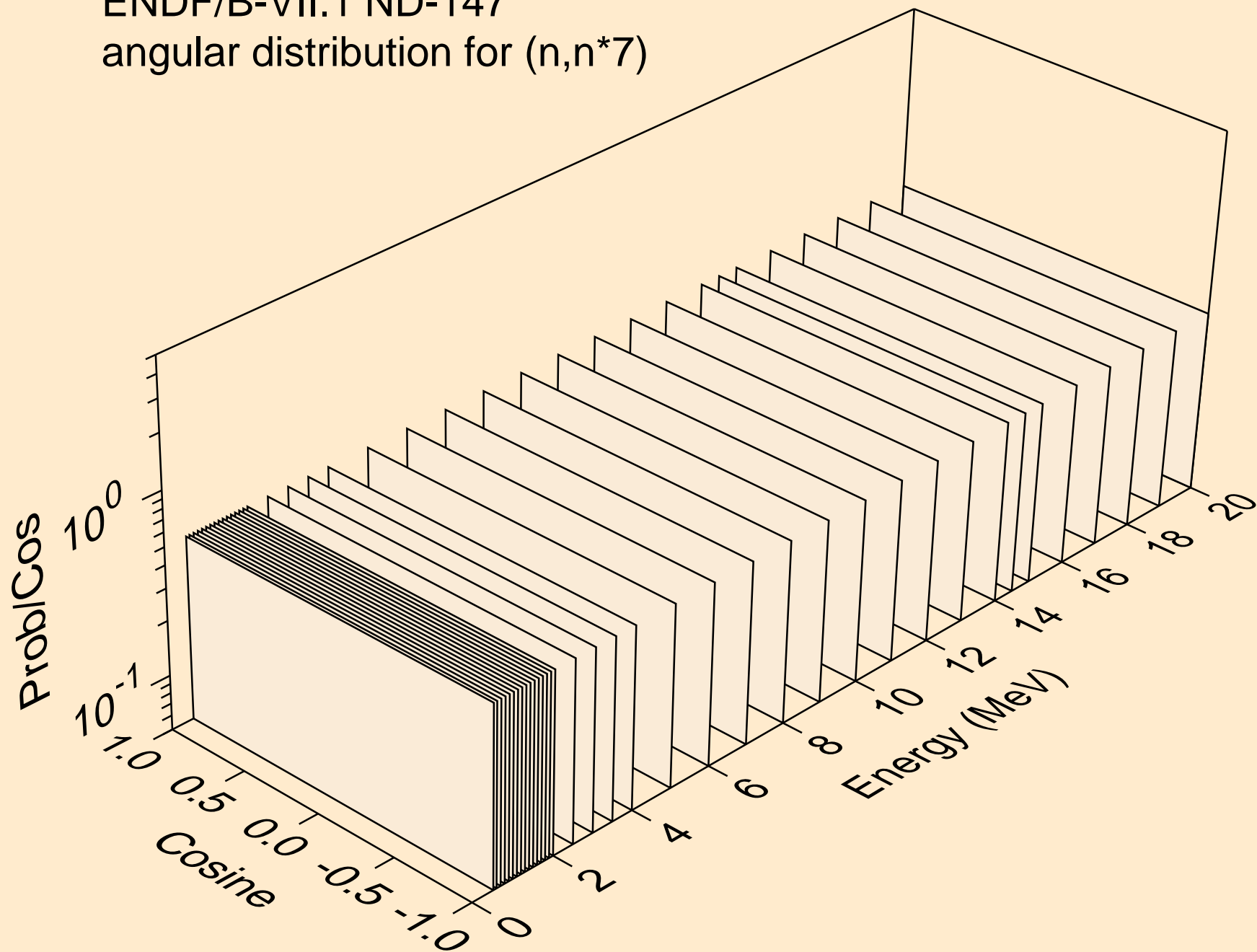
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angular distribution for (n,n*5)



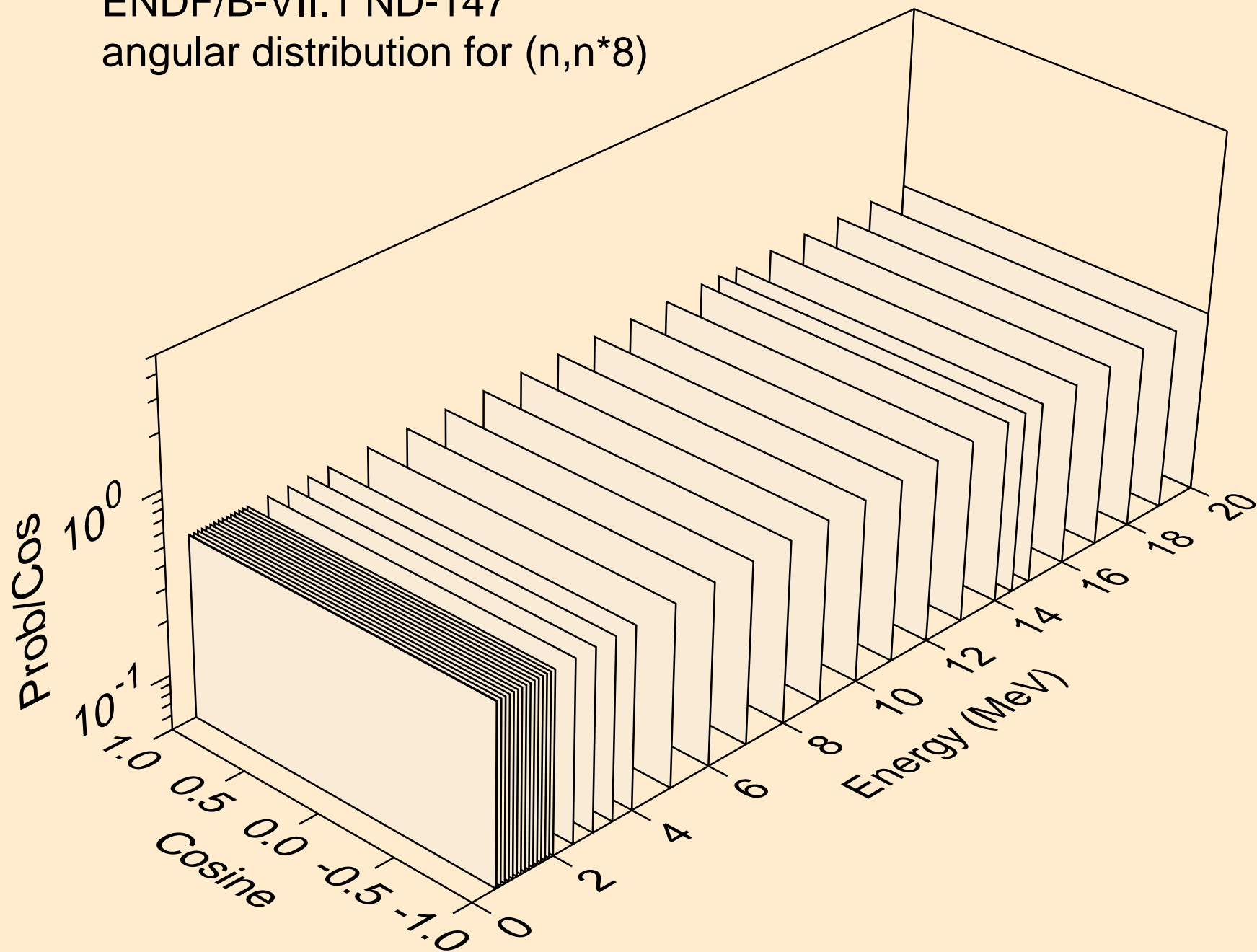
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angular distribution for (n,n*6)



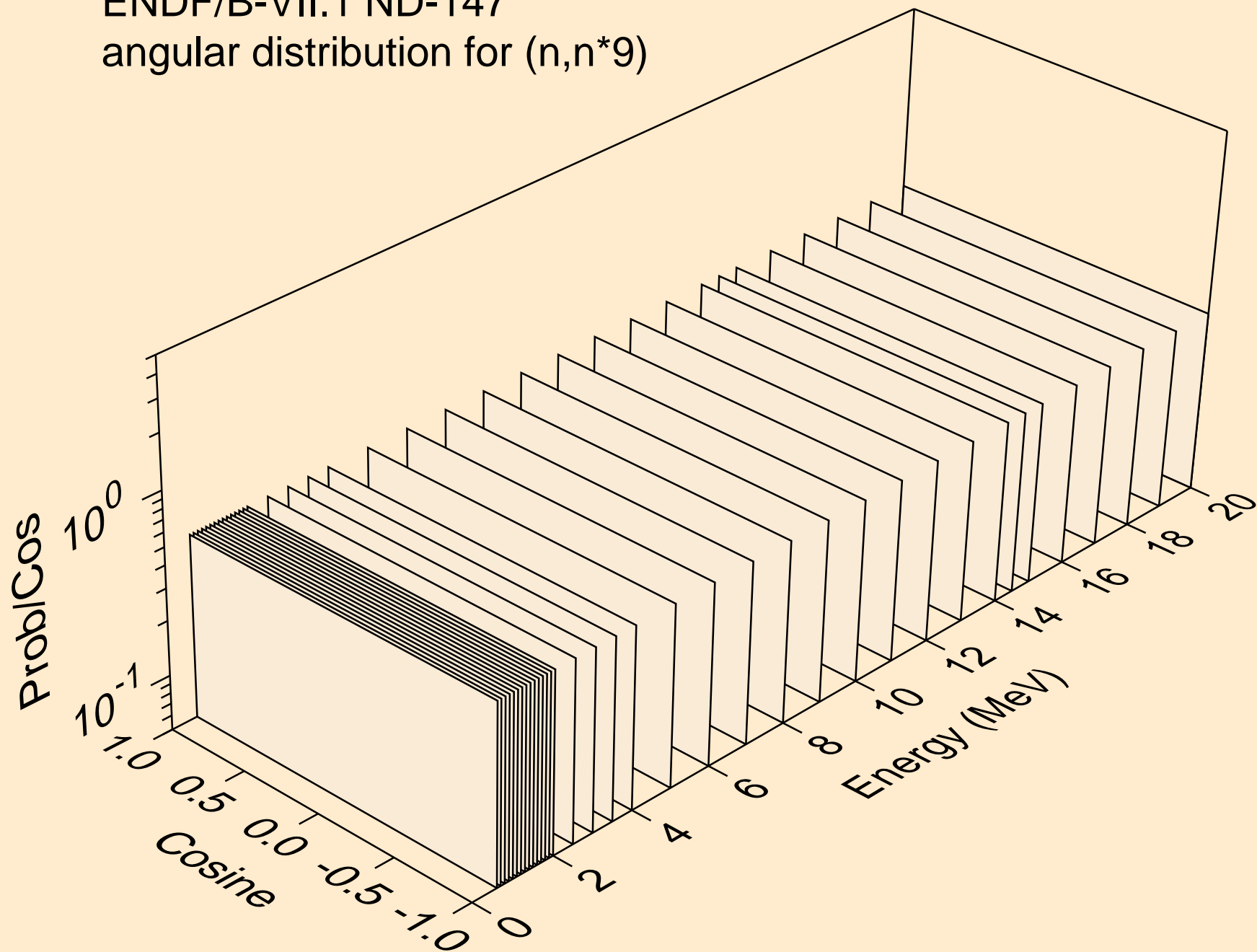
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angular distribution for (n,n*7)



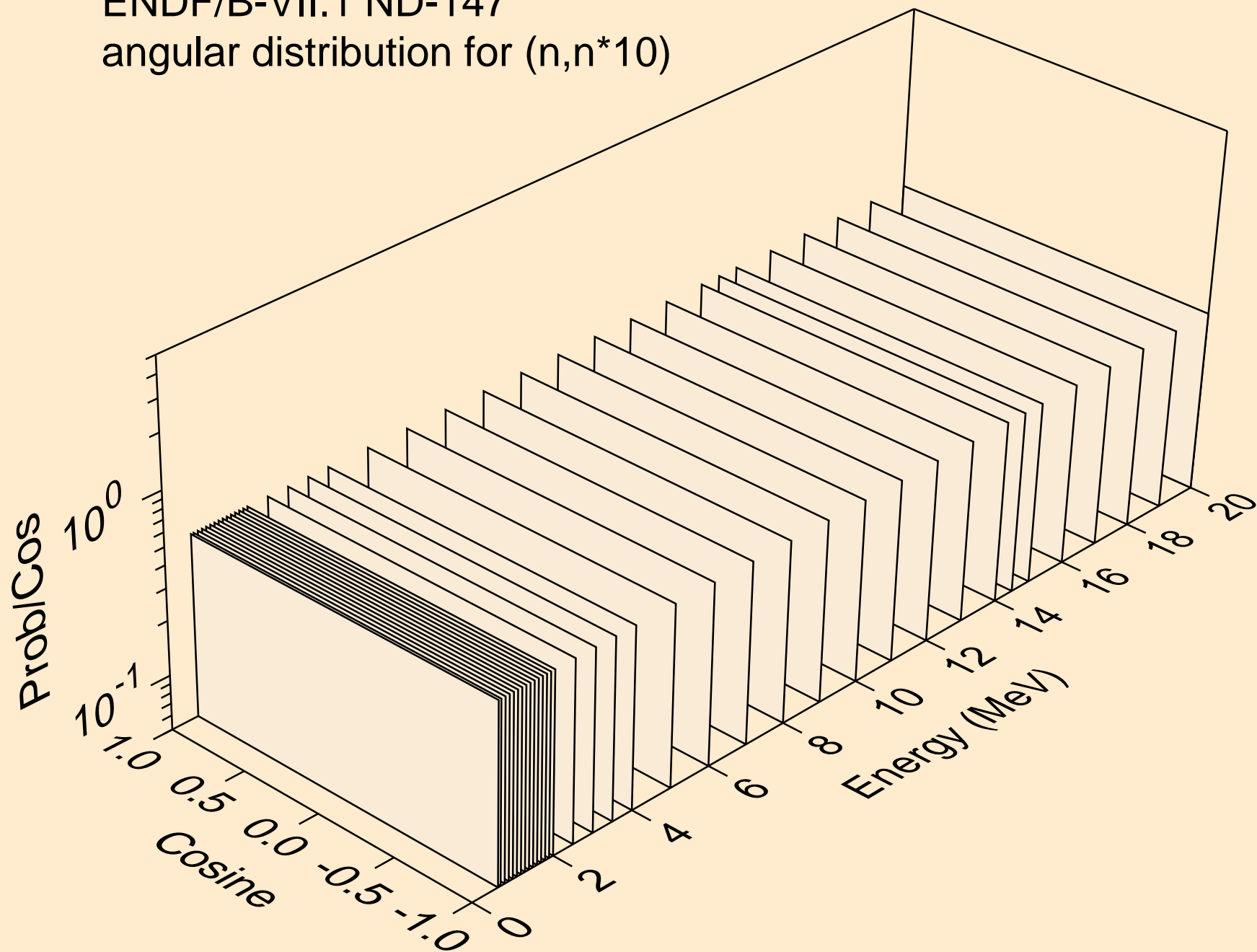
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angular distribution for (n,n*8)



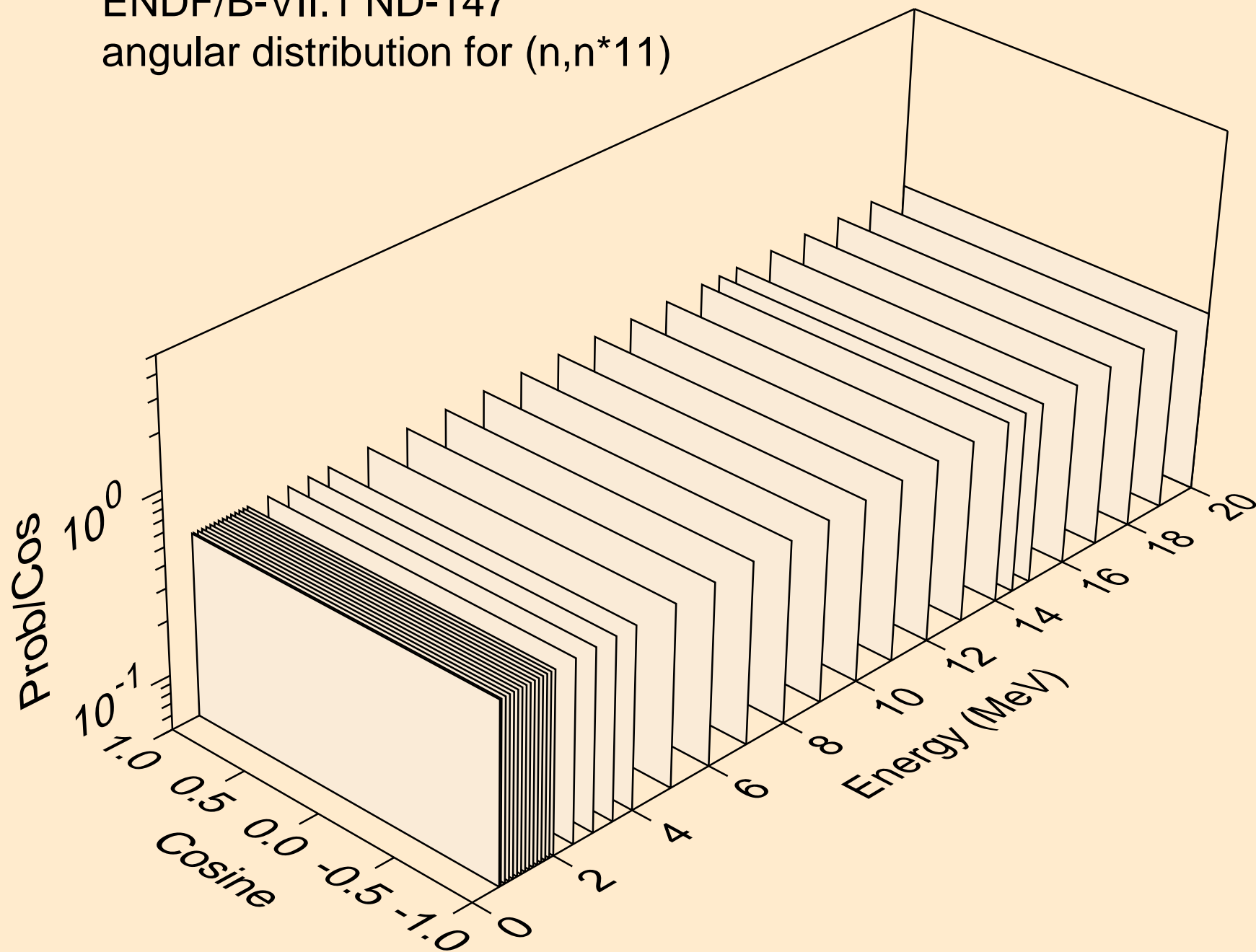
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angular distribution for (n,n*9)



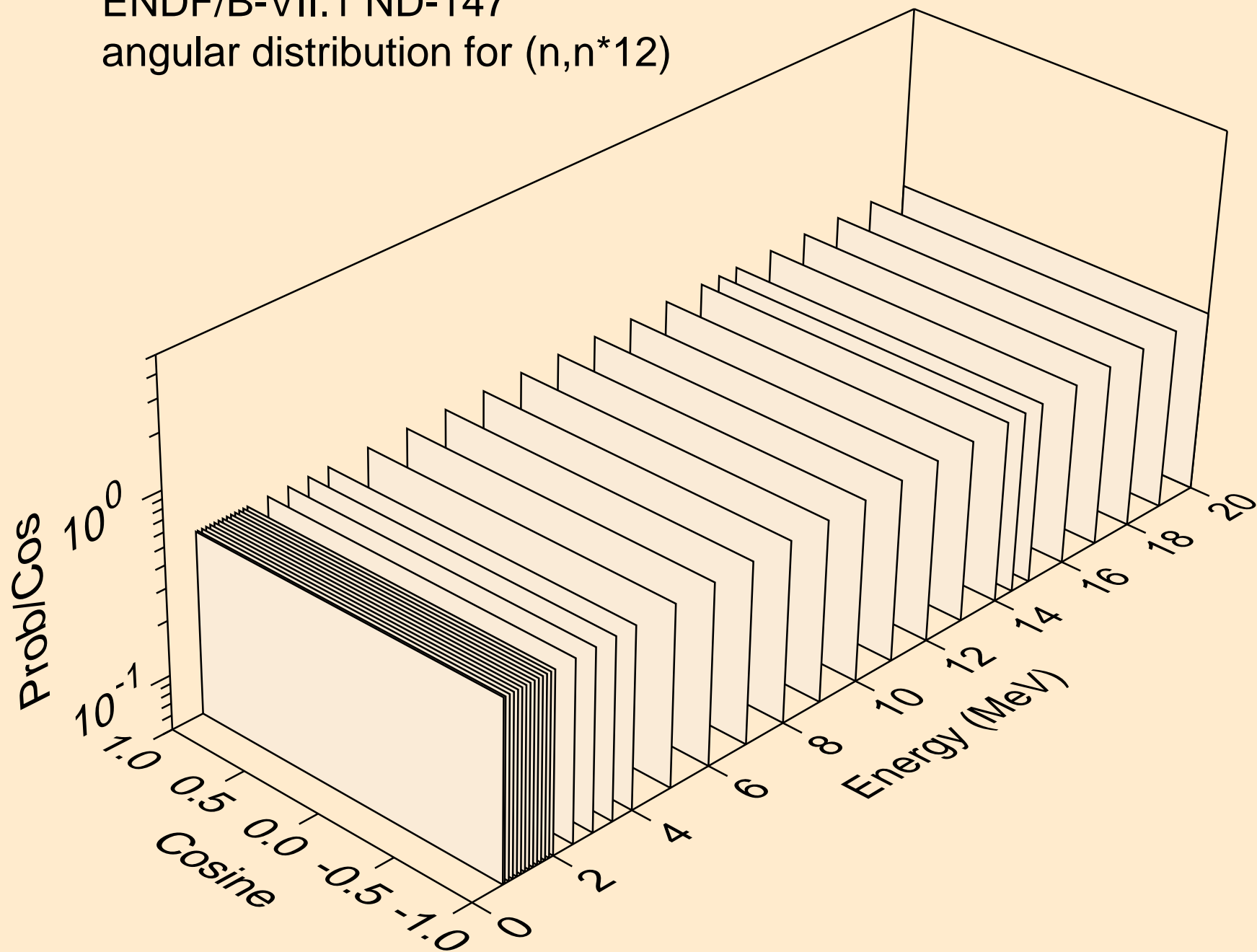
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angular distribution for (n,n*10)



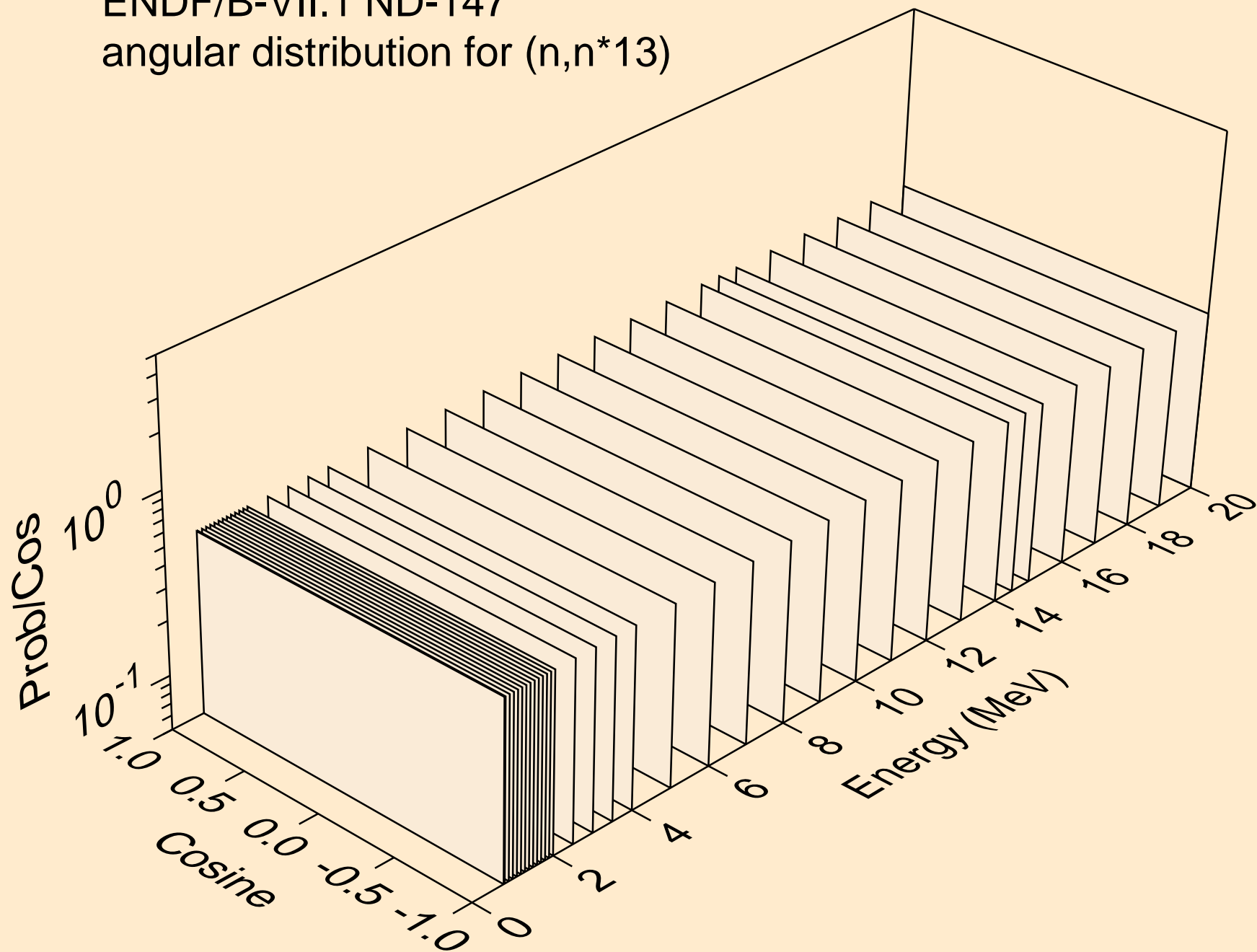
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angular distribution for (n,n*11)



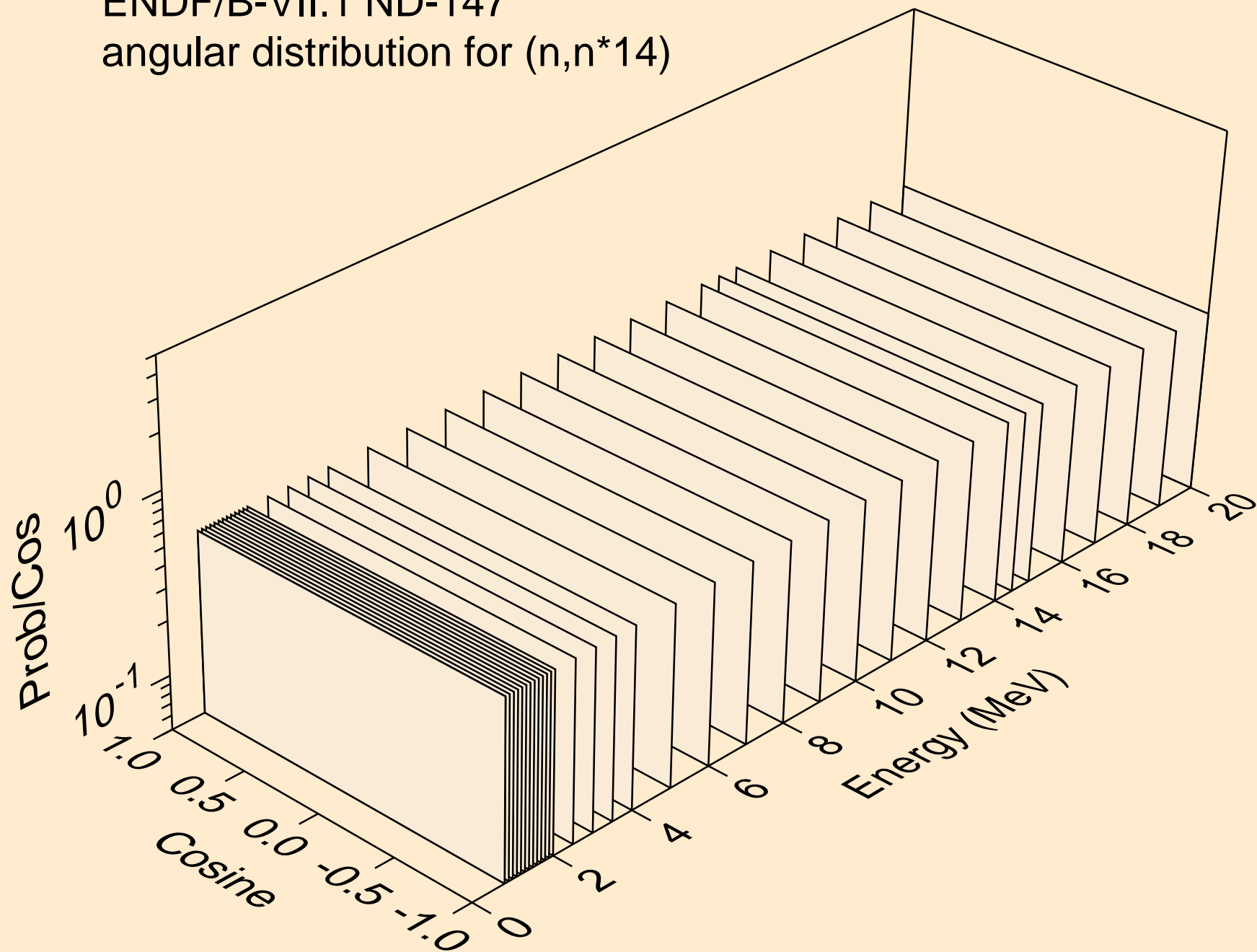
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angular distribution for (n,n*12)



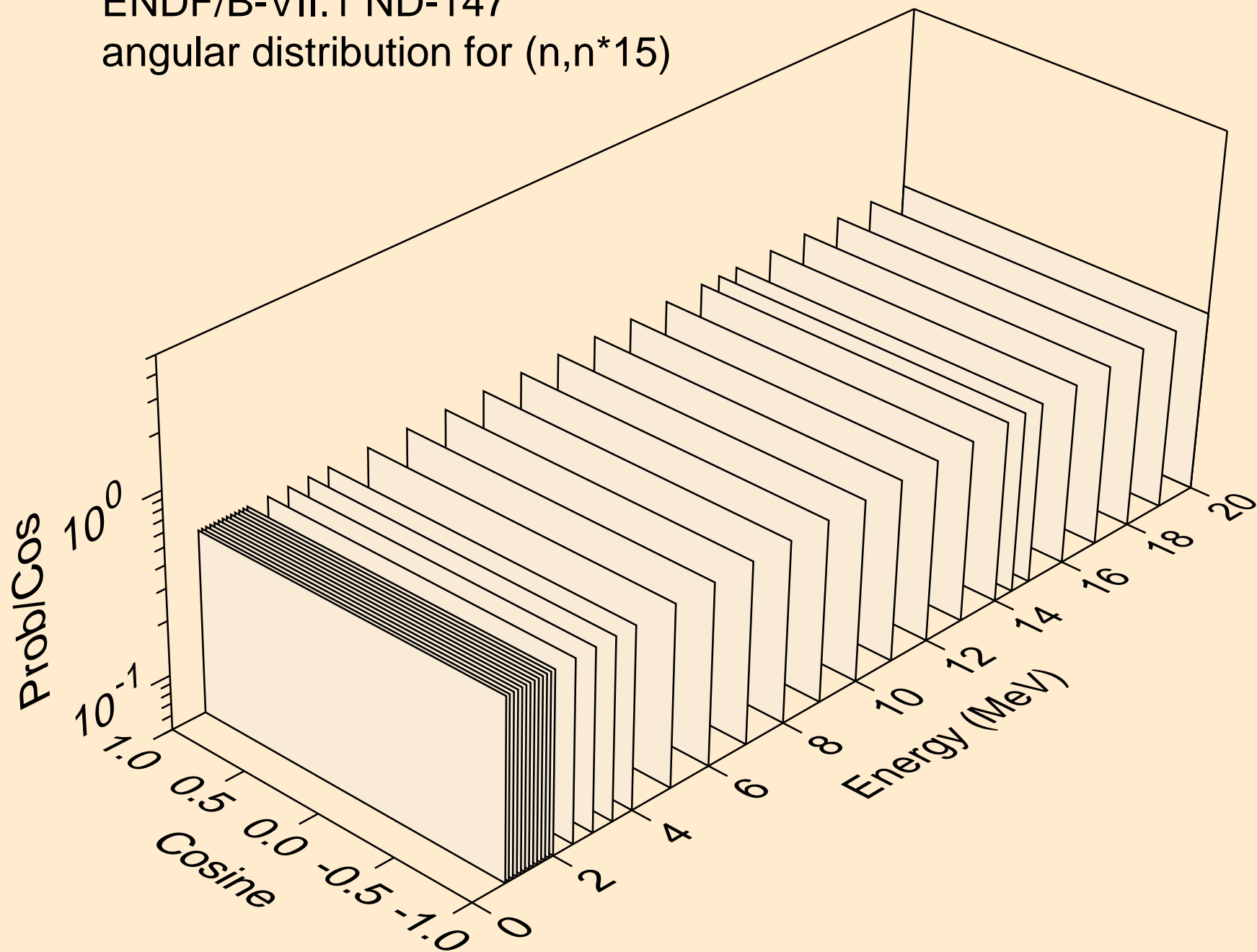
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angular distribution for (n,n*13)



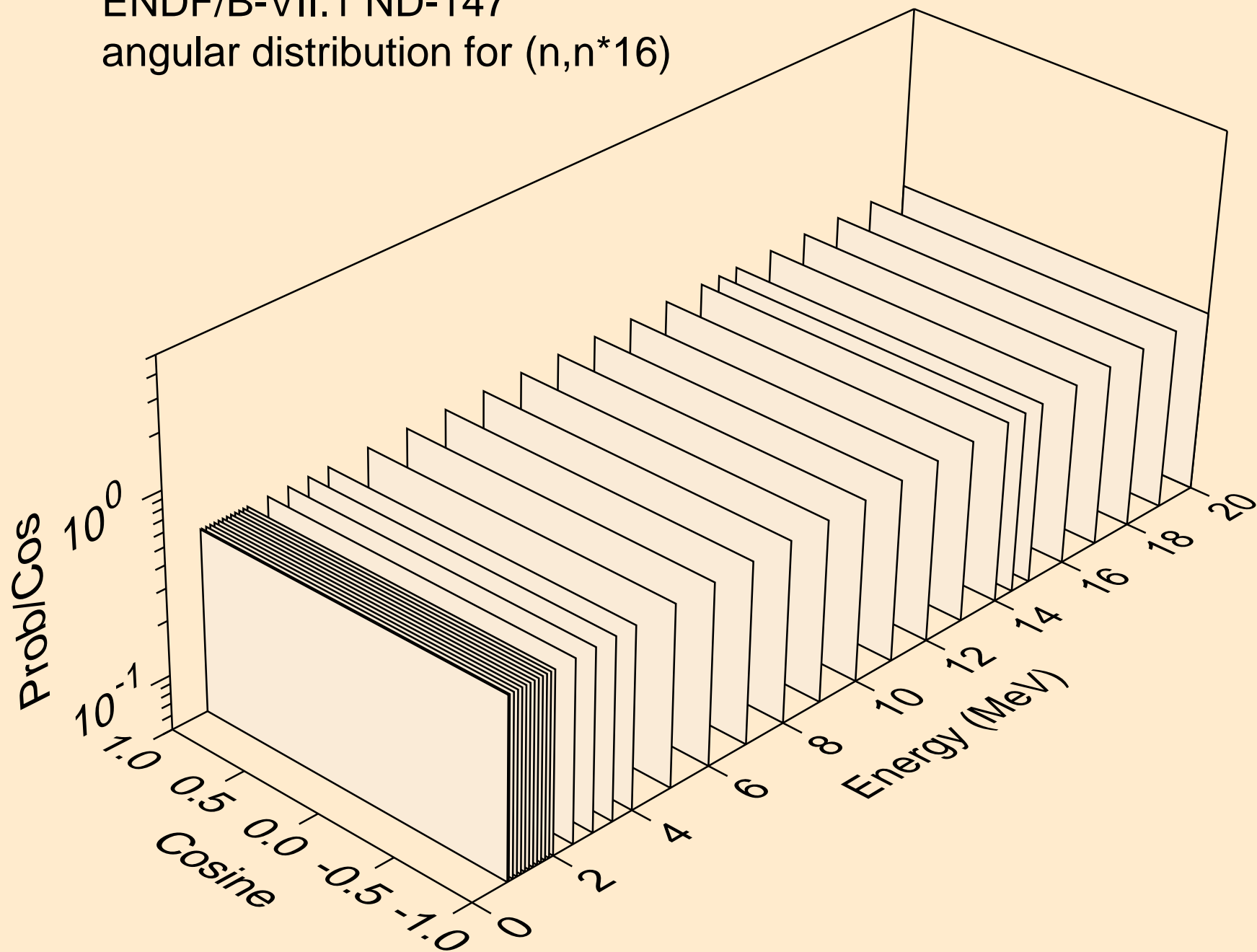
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angular distribution for (n,n*14)



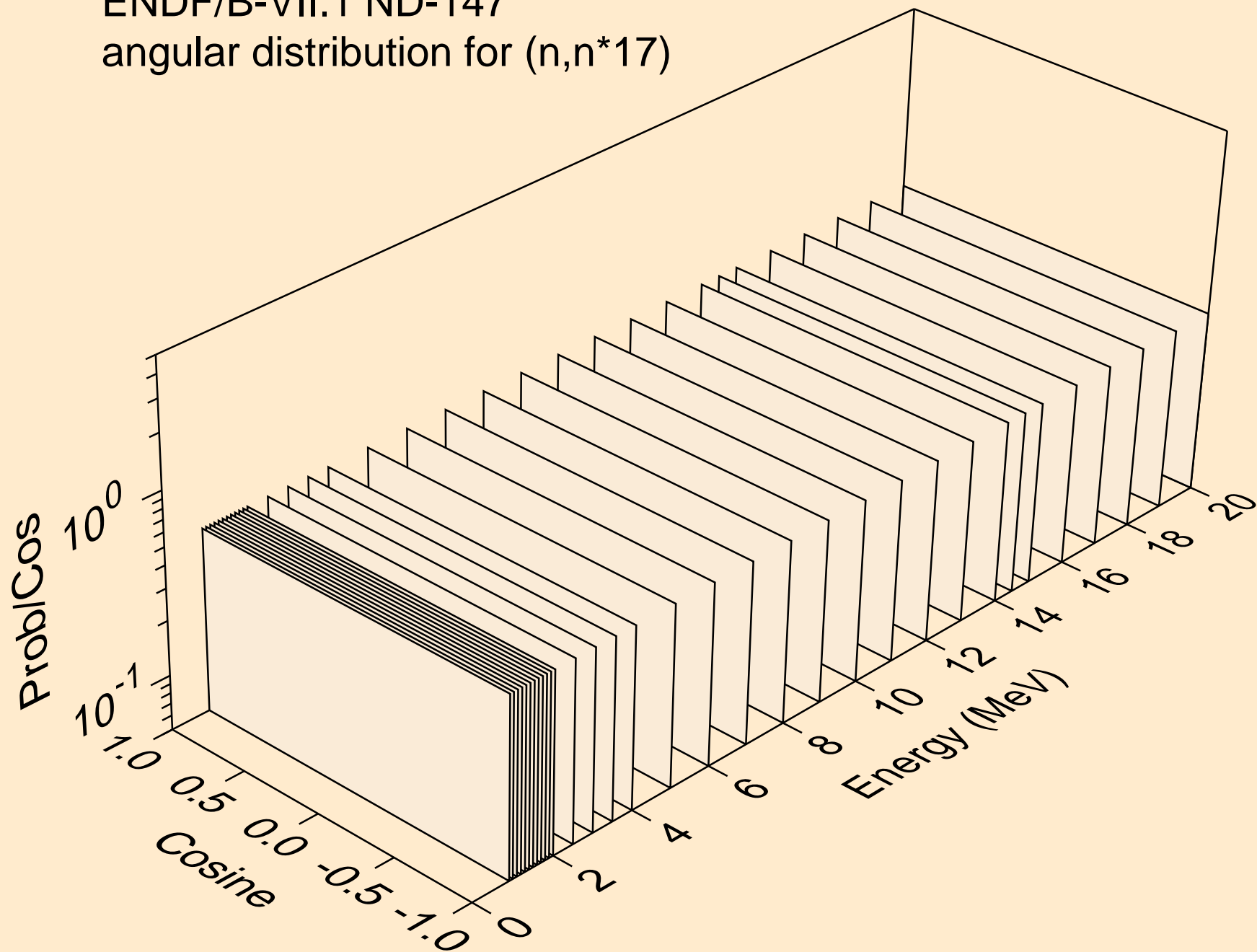
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angular distribution for (n,n*15)



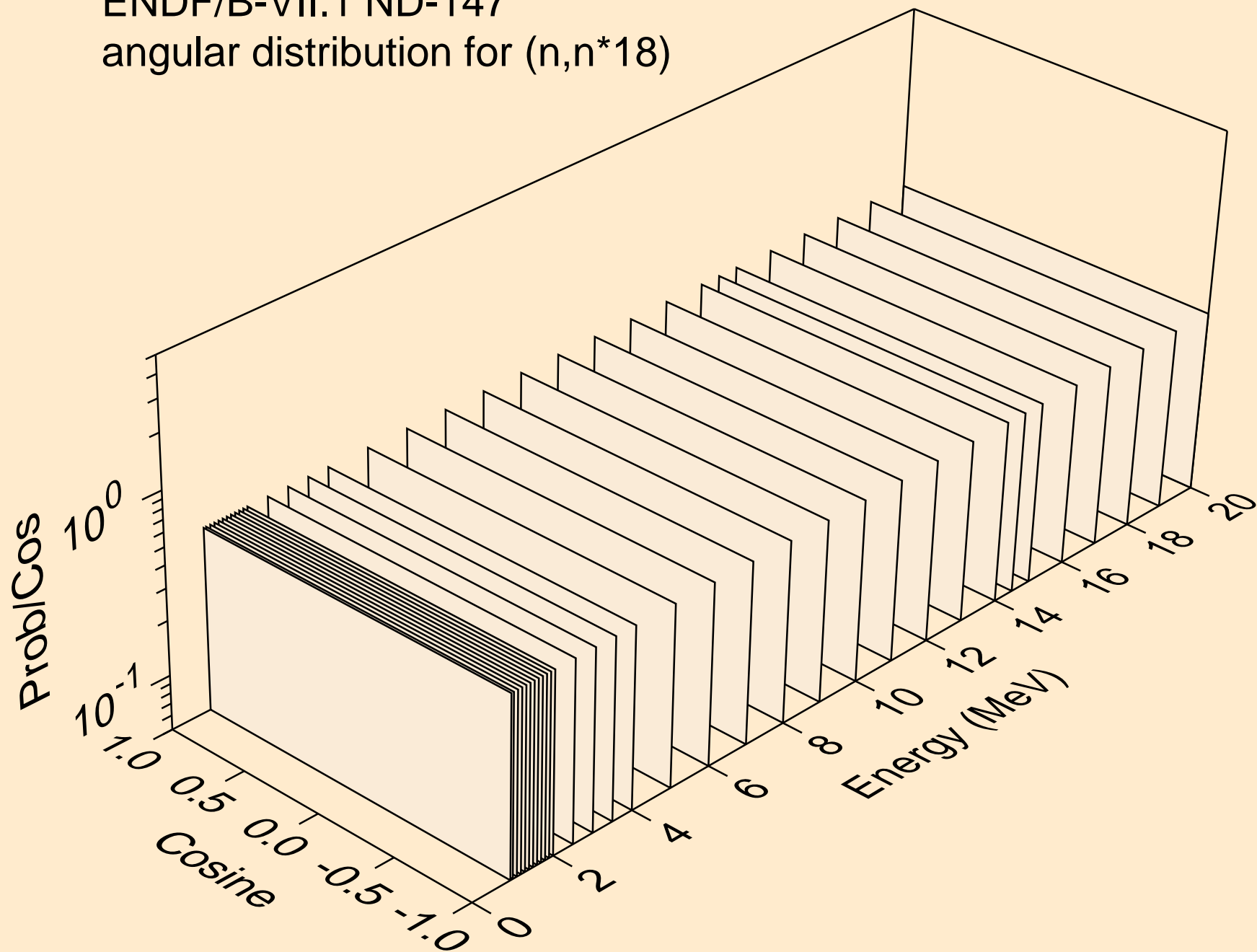
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angular distribution for (n,n*16)



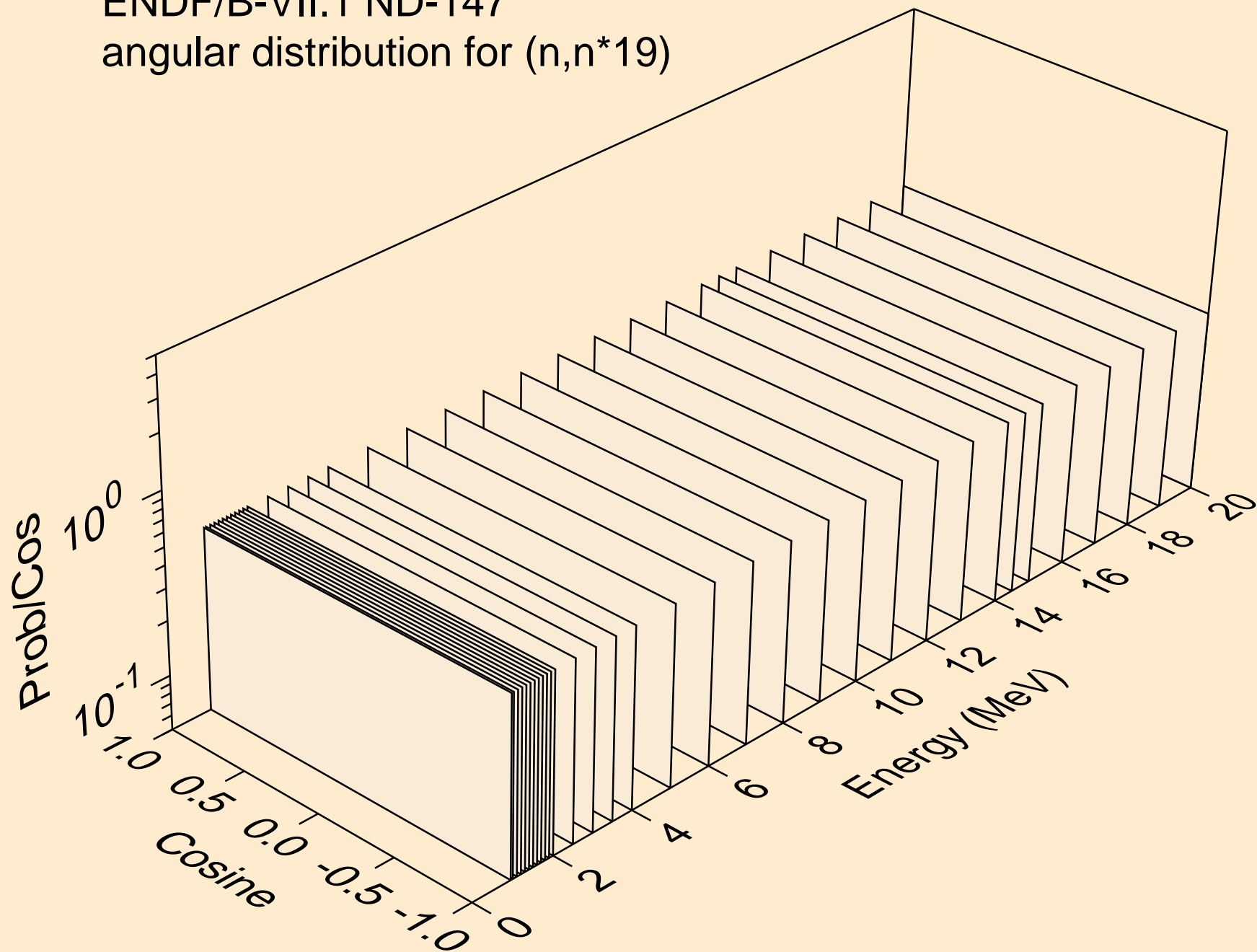
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angular distribution for (n,n*17)



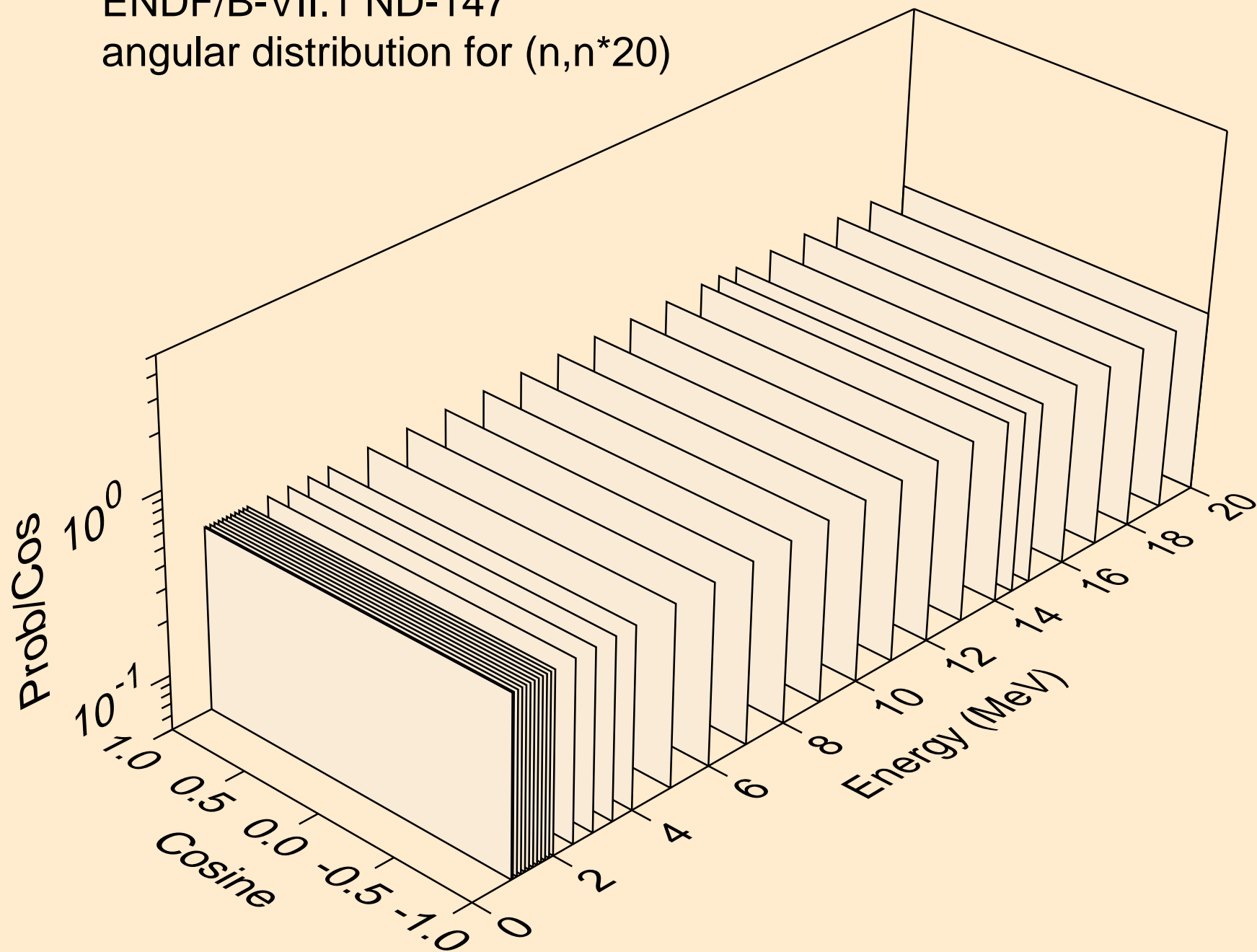
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angular distribution for (n,n*18)



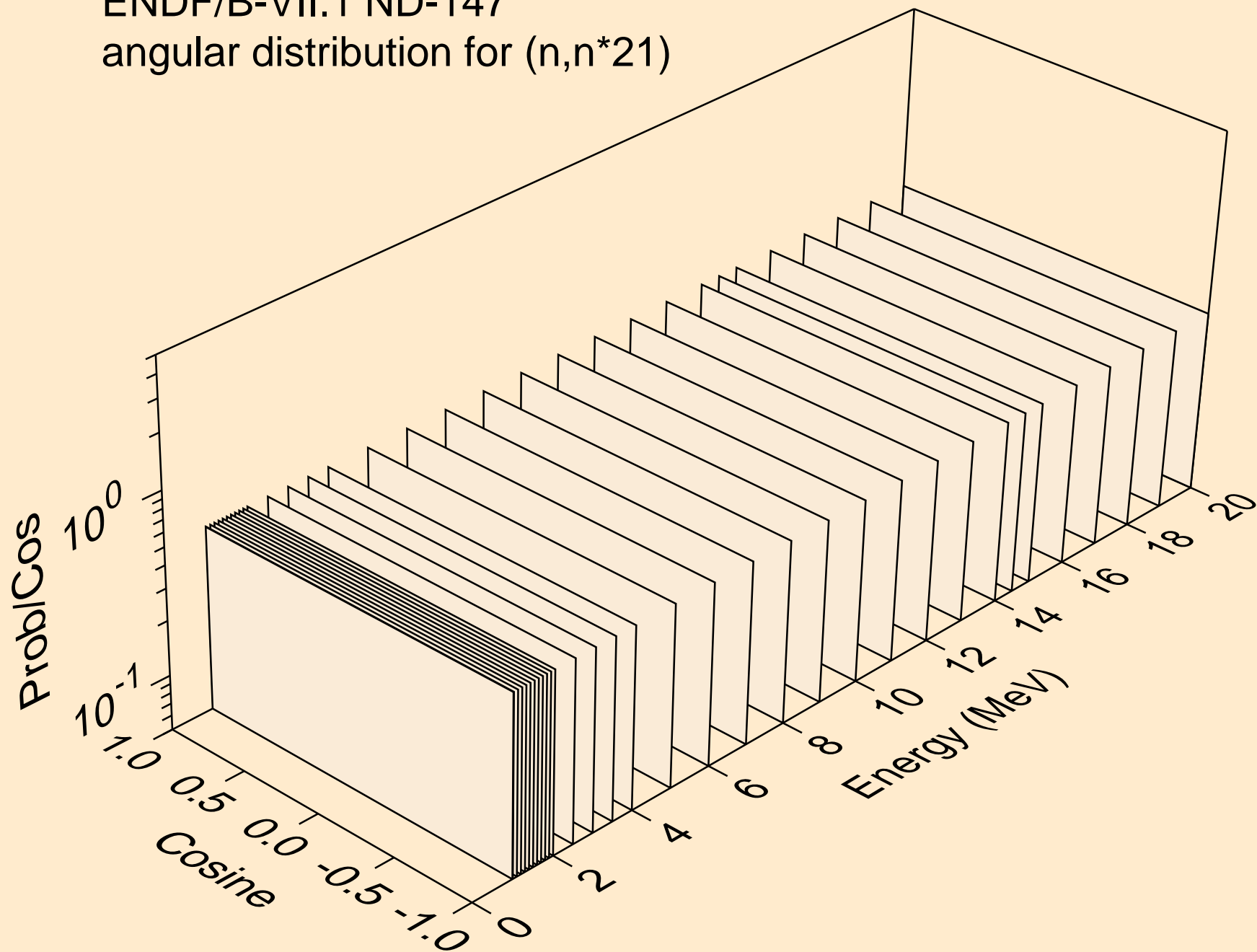
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angular distribution for (n,n*19)



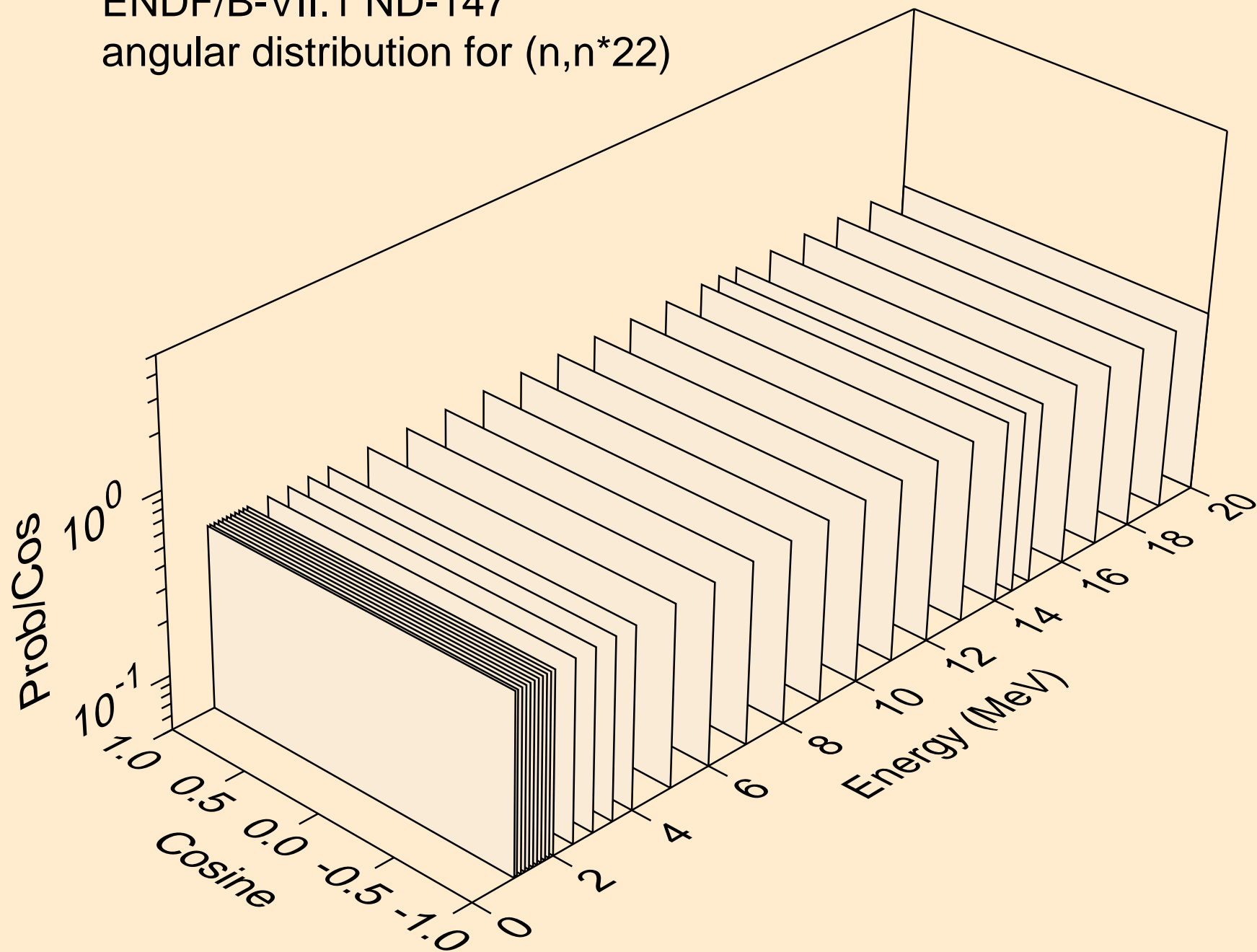
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angular distribution for (n,n*20)



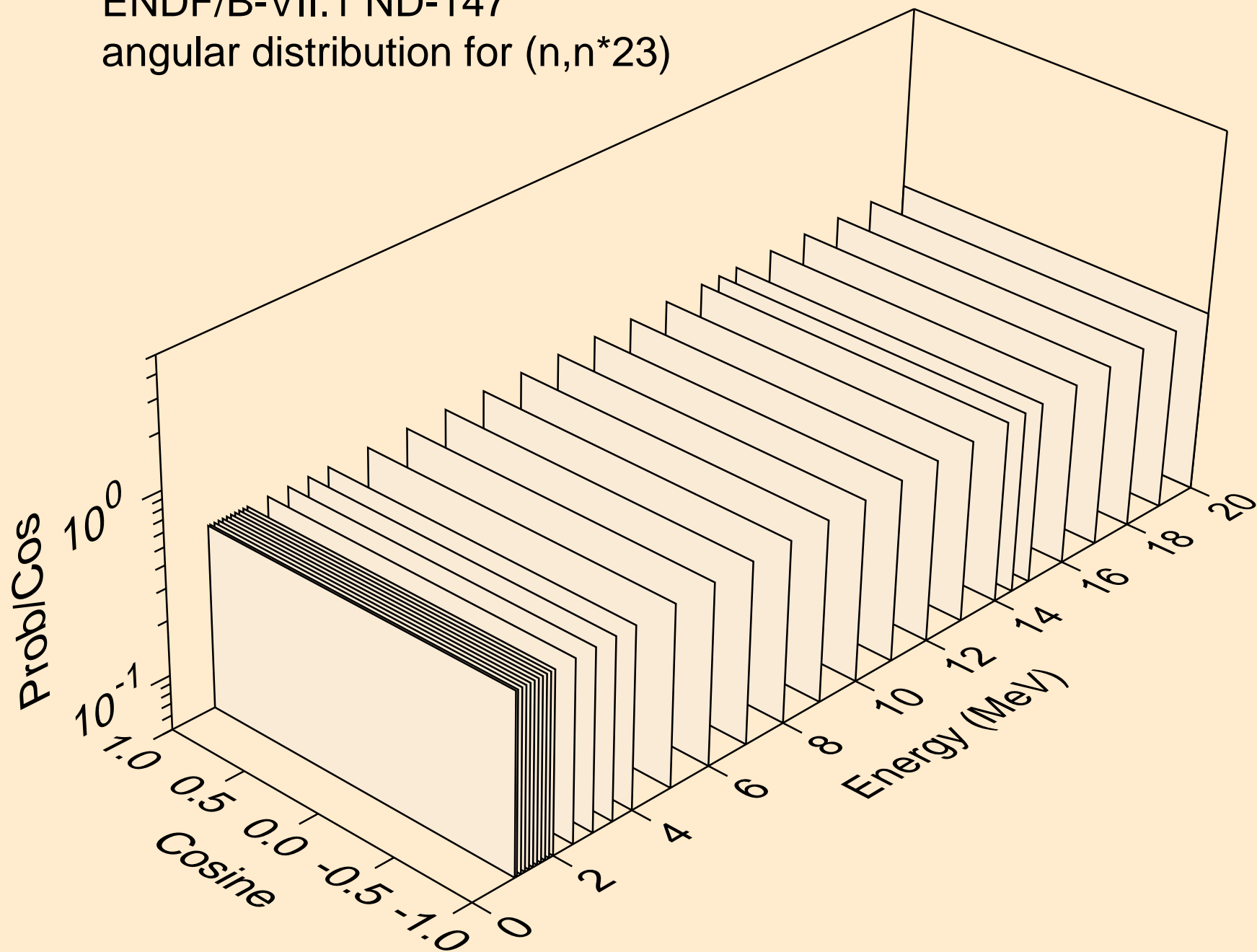
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angular distribution for (n,n*21)



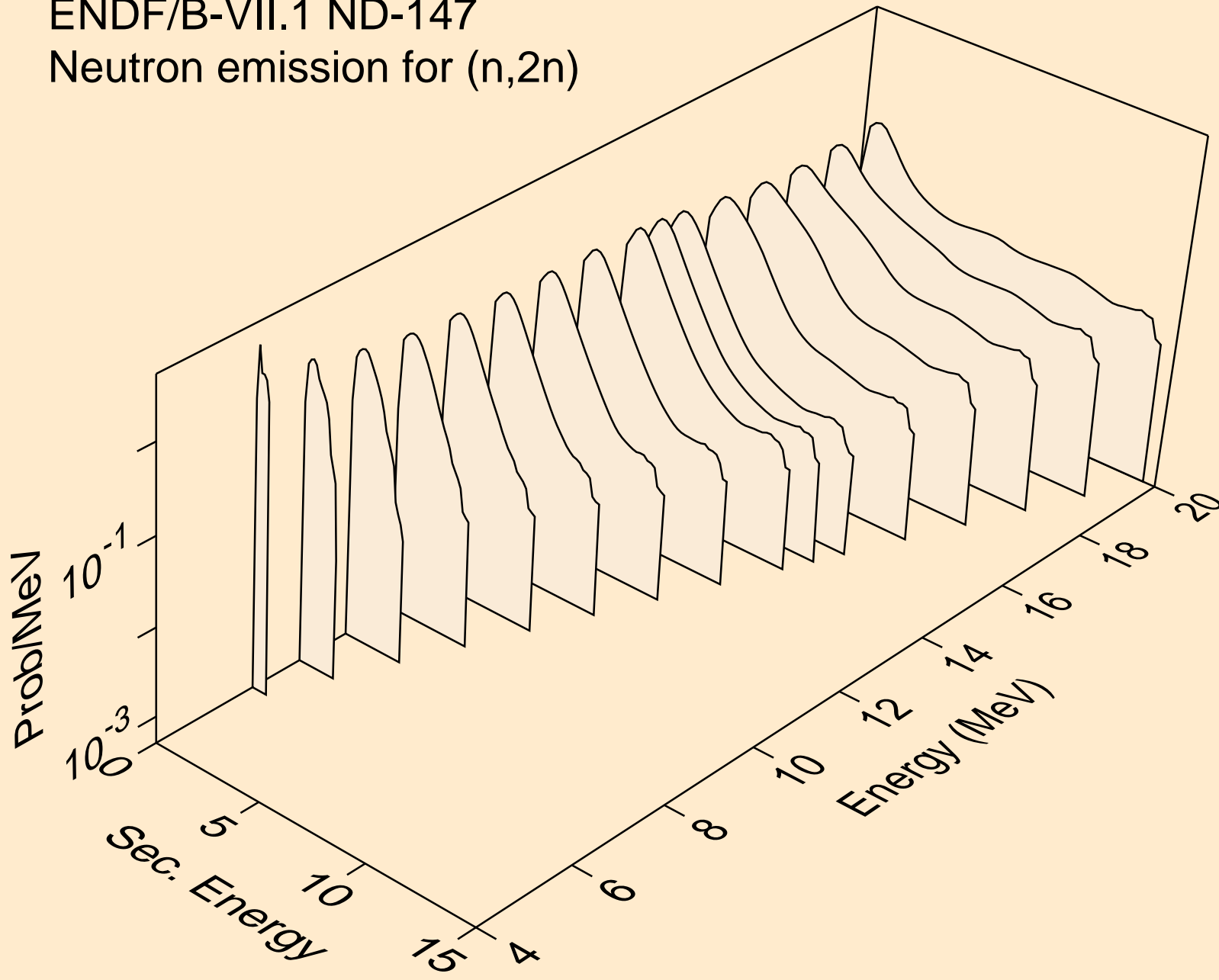
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angular distribution for (n,n*22)



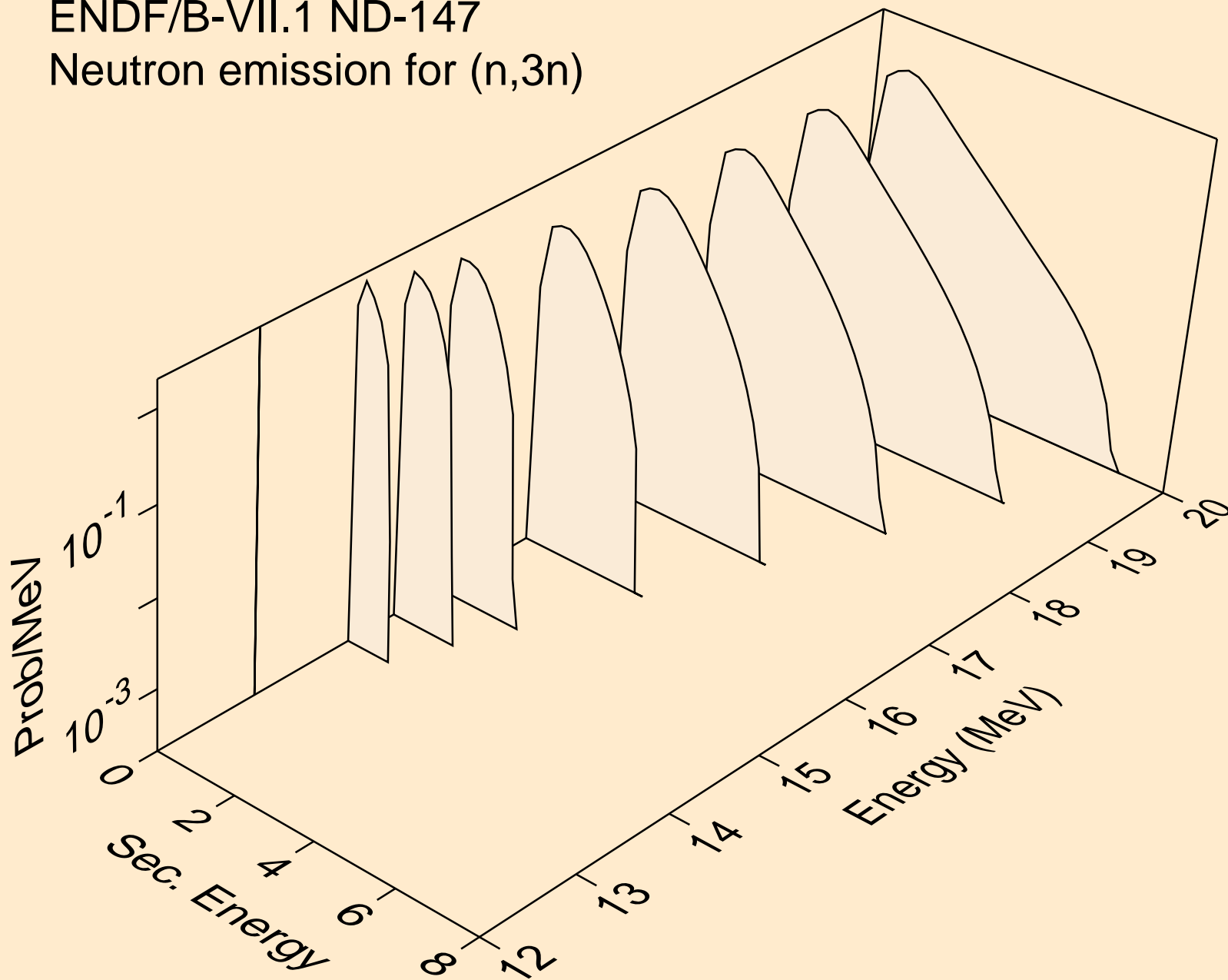
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angular distribution for (n,n*23)



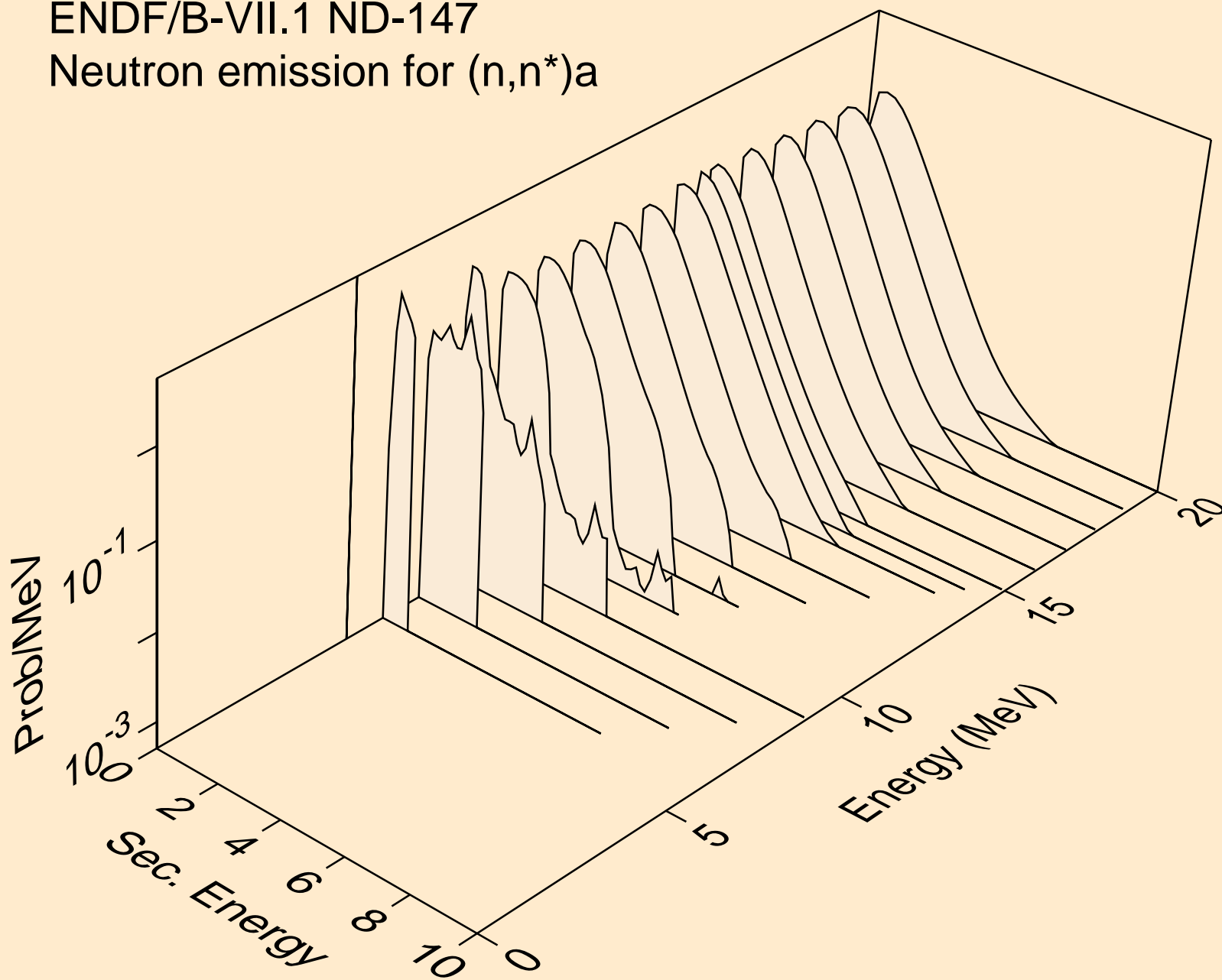
ENDF/B-VII.1 ND-147
Neutron emission for (n,2n)



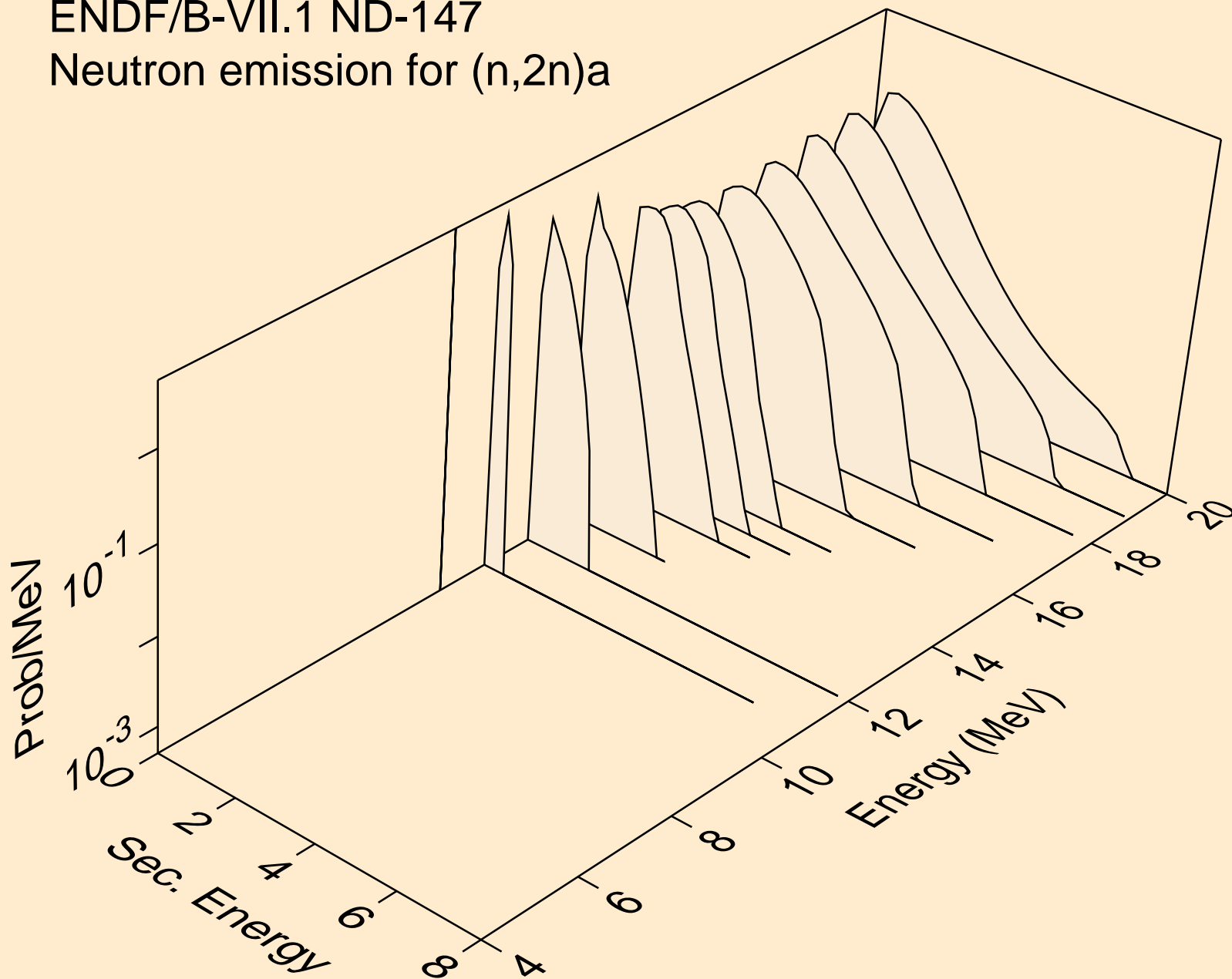
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Neutron emission for (n,3n)



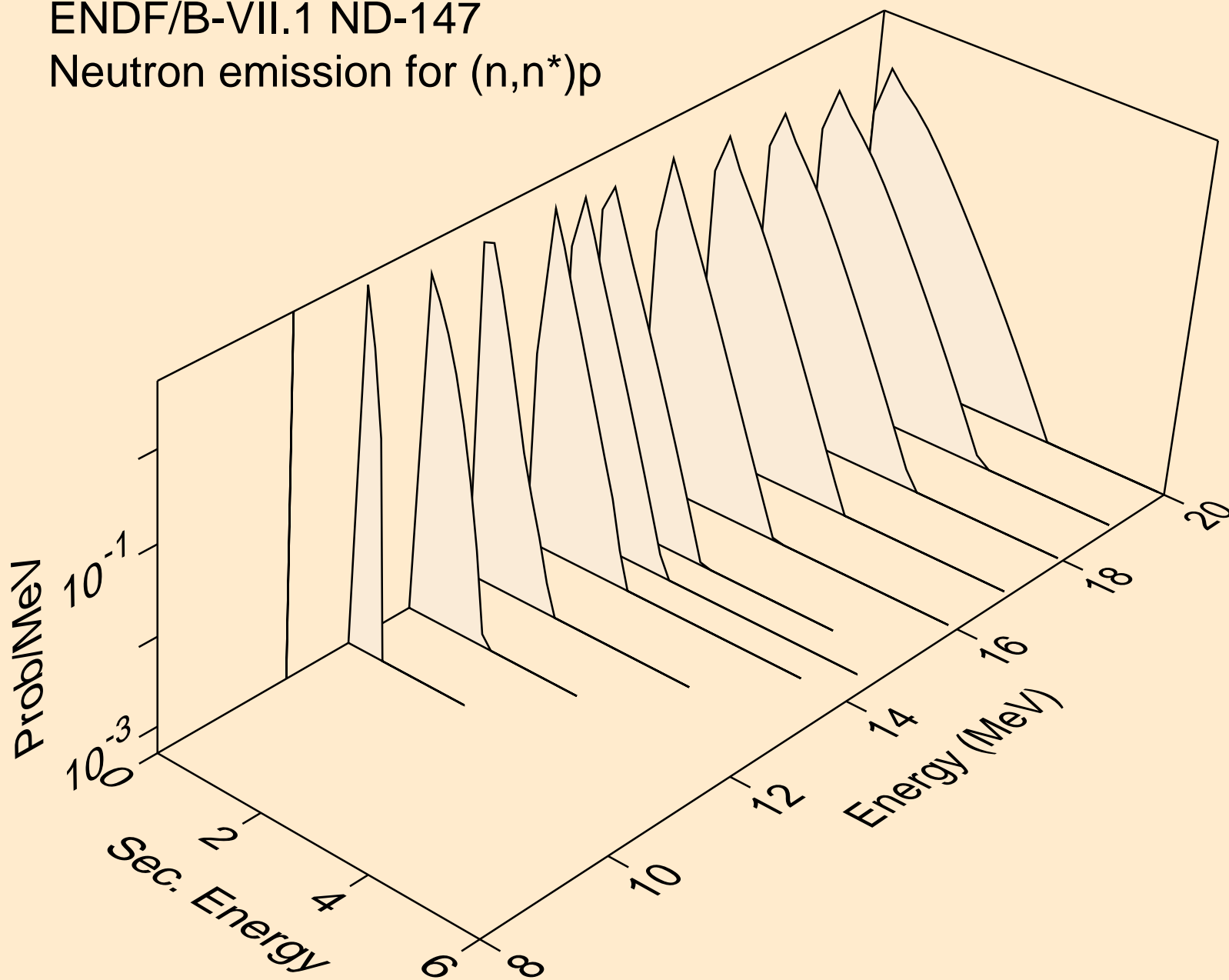
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Neutron emission for (n,n*)a



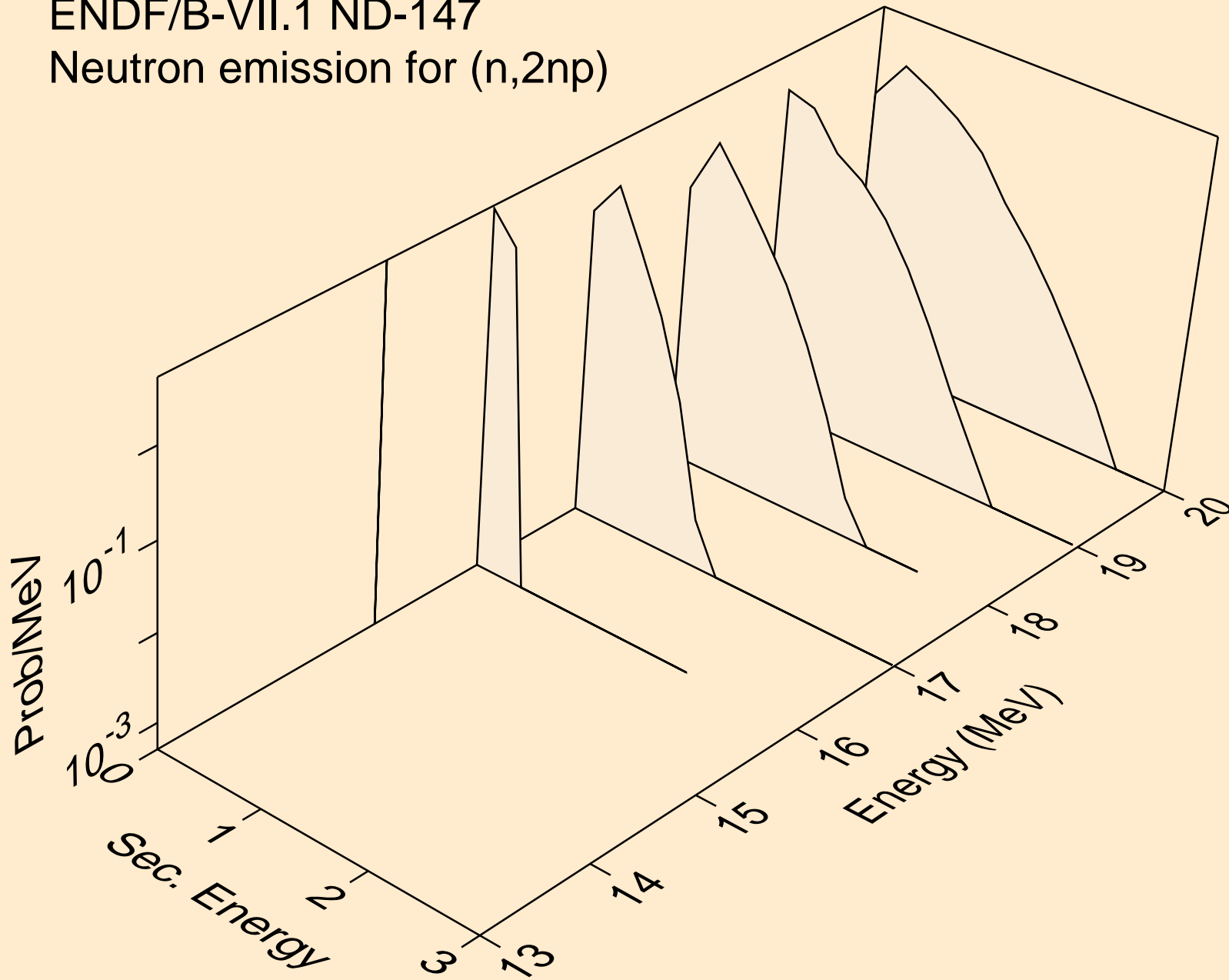
ENDF/B-VII.1 ND-147
Neutron emission for (n,2n)a



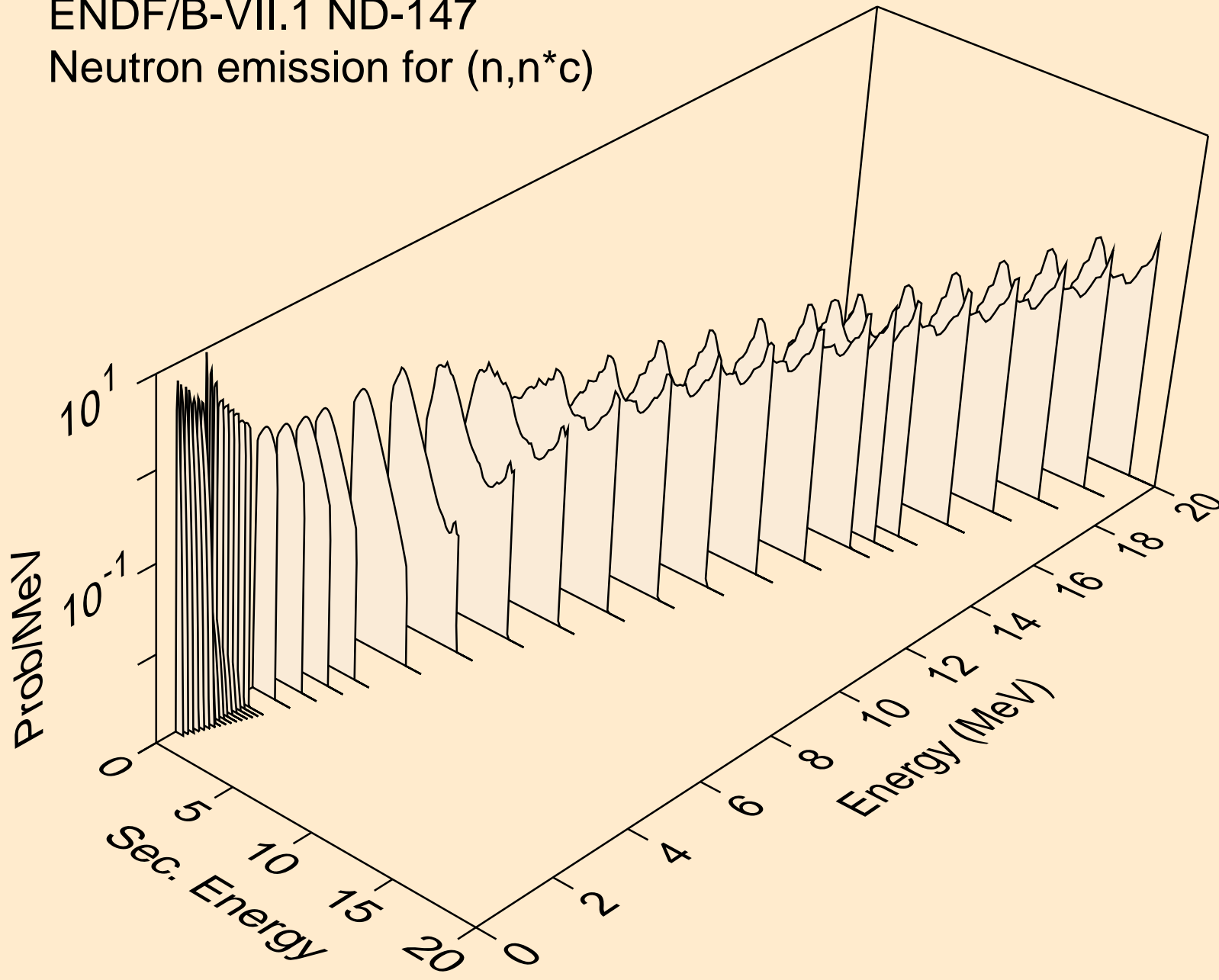
ENDF/B-VII.1 ND-147
Neutron emission for (n,n*)p



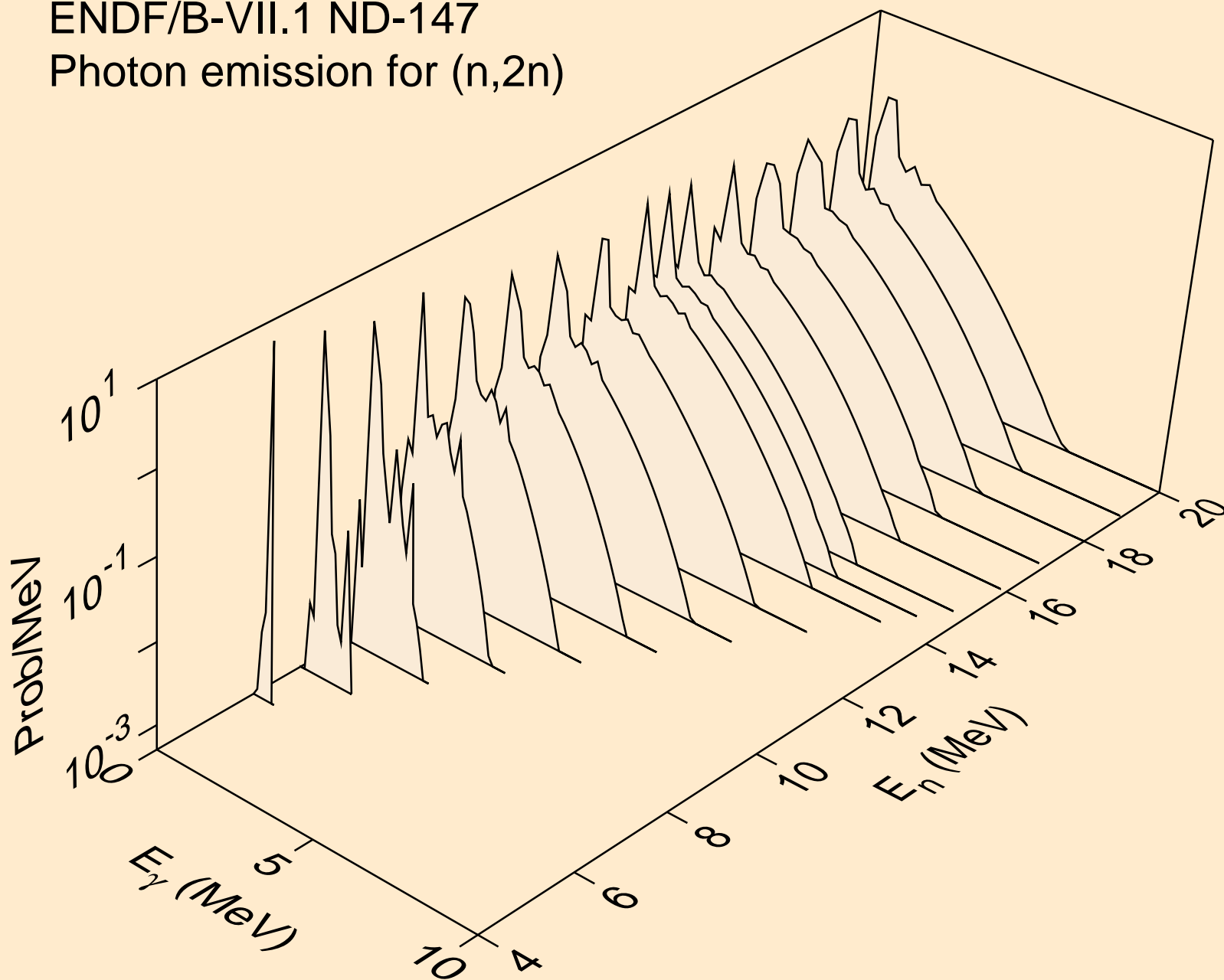
ENDF/B-VII.1 ND-147
Neutron emission for (n,2np)



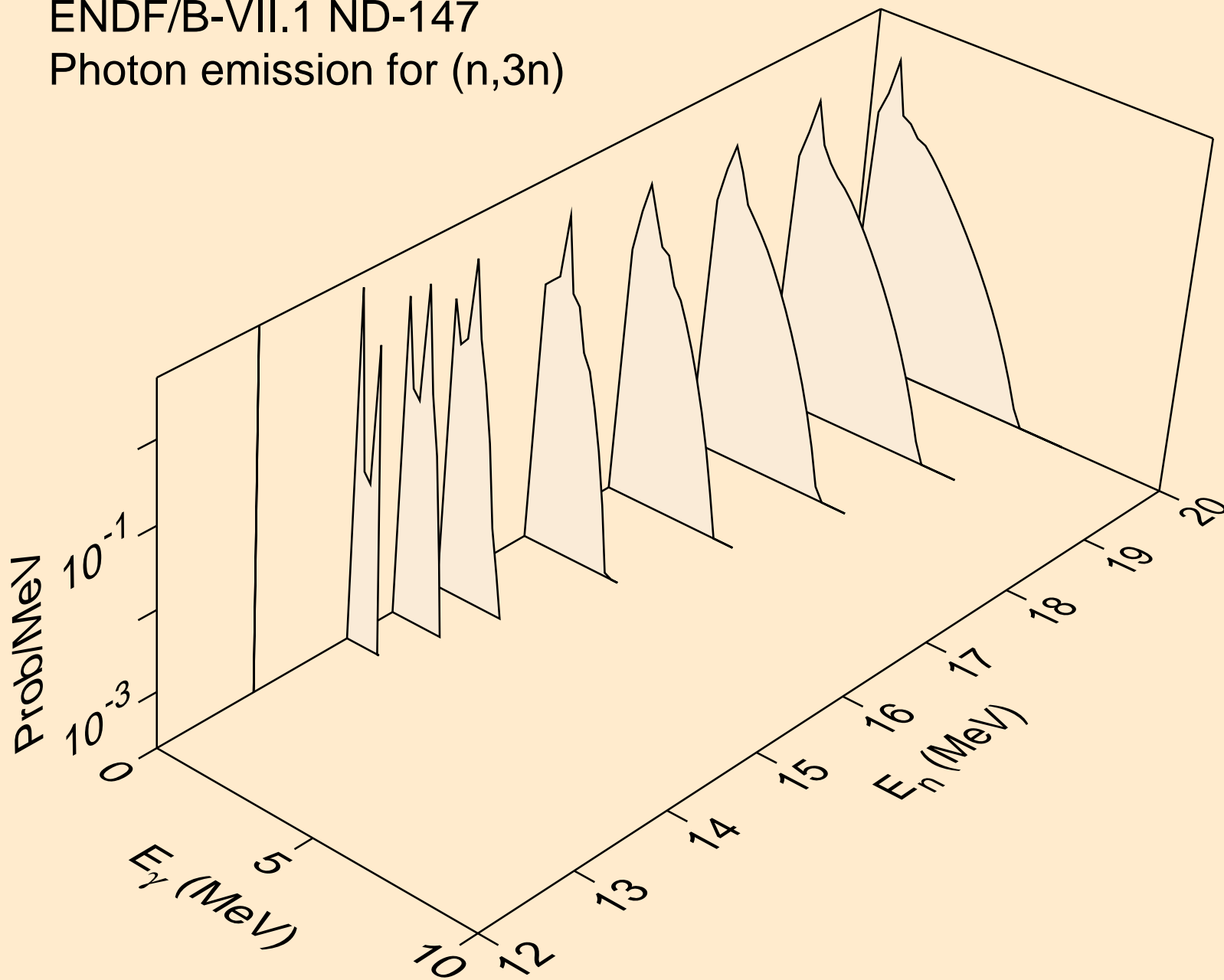
ENDF/B-VII.1 ND-147
Neutron emission for (n,n*c)



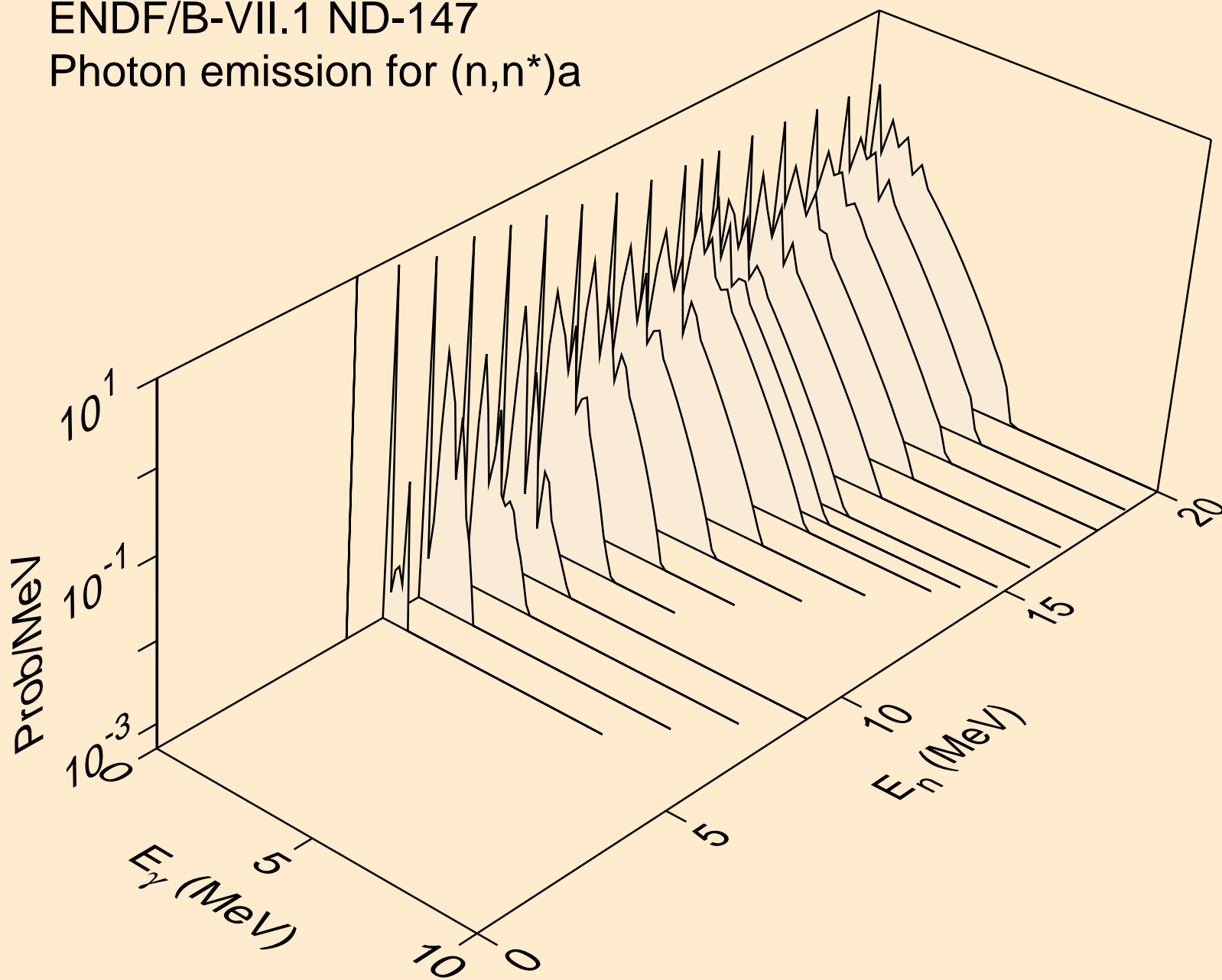
ENDF/B-VII.1 ND-147
Photon emission for (n,2n)



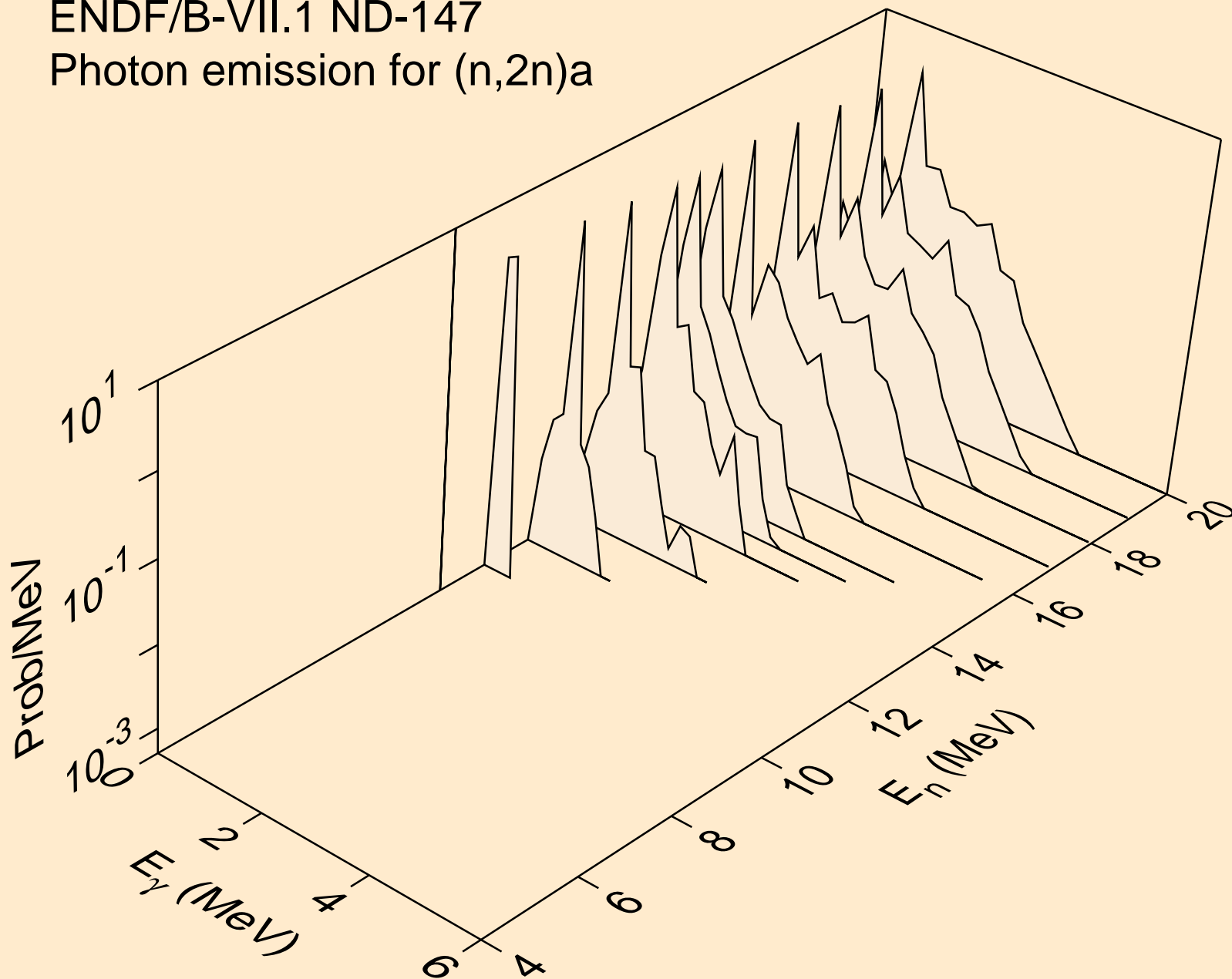
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Photon emission for (n,3n)



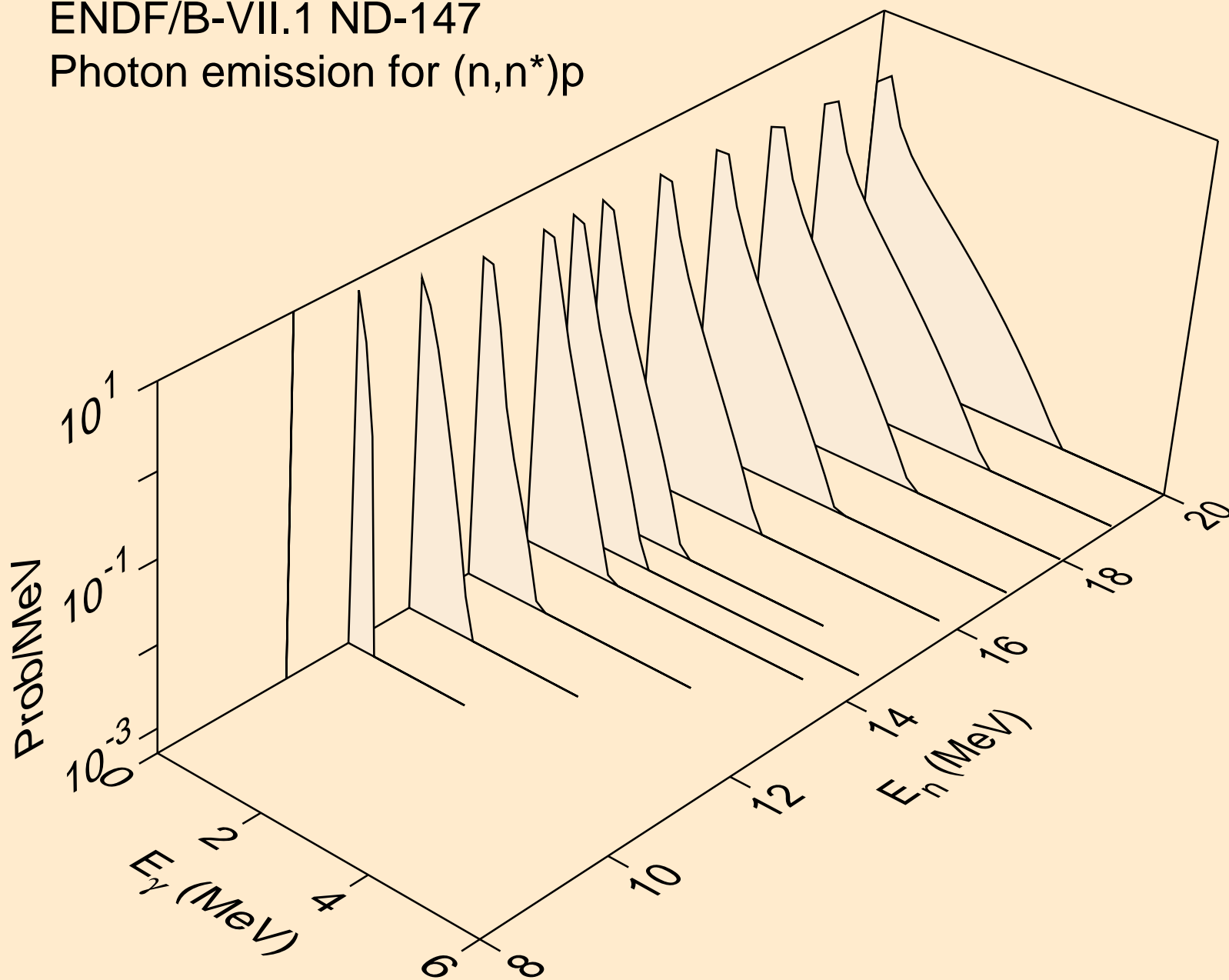
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Photon emission for (n,n*)a



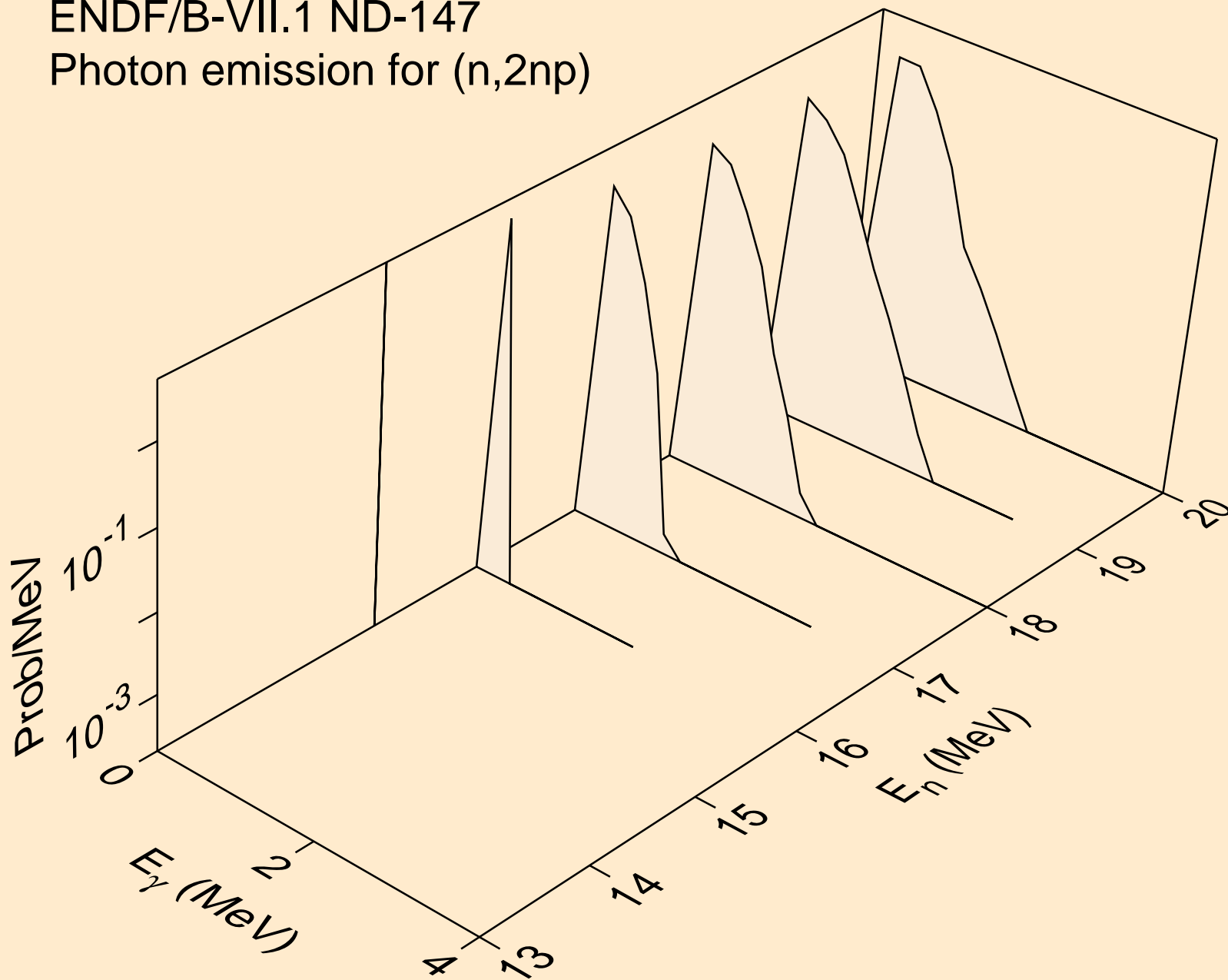
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Photon emission for (n,2n)a



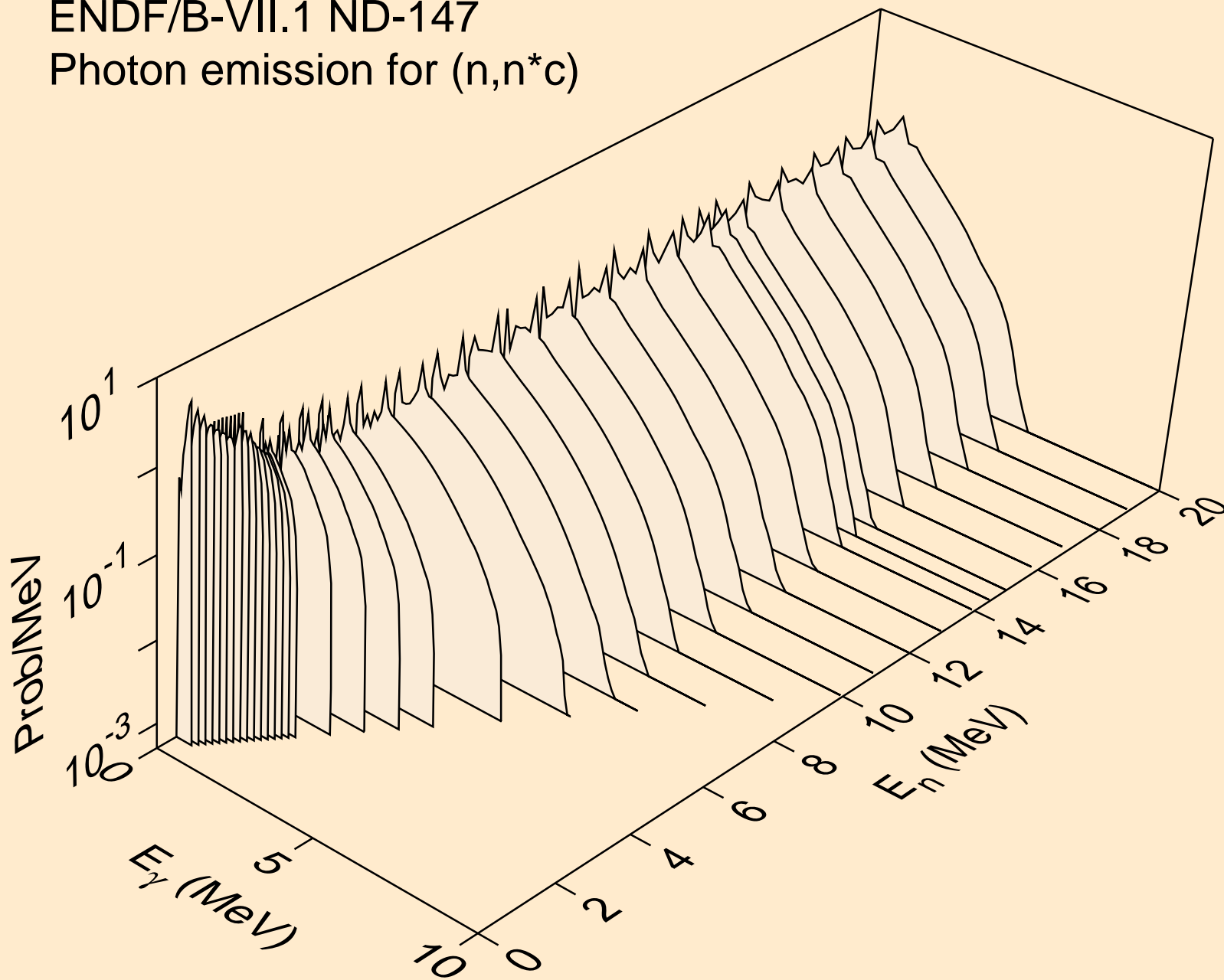
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Photon emission for (n,n*)p



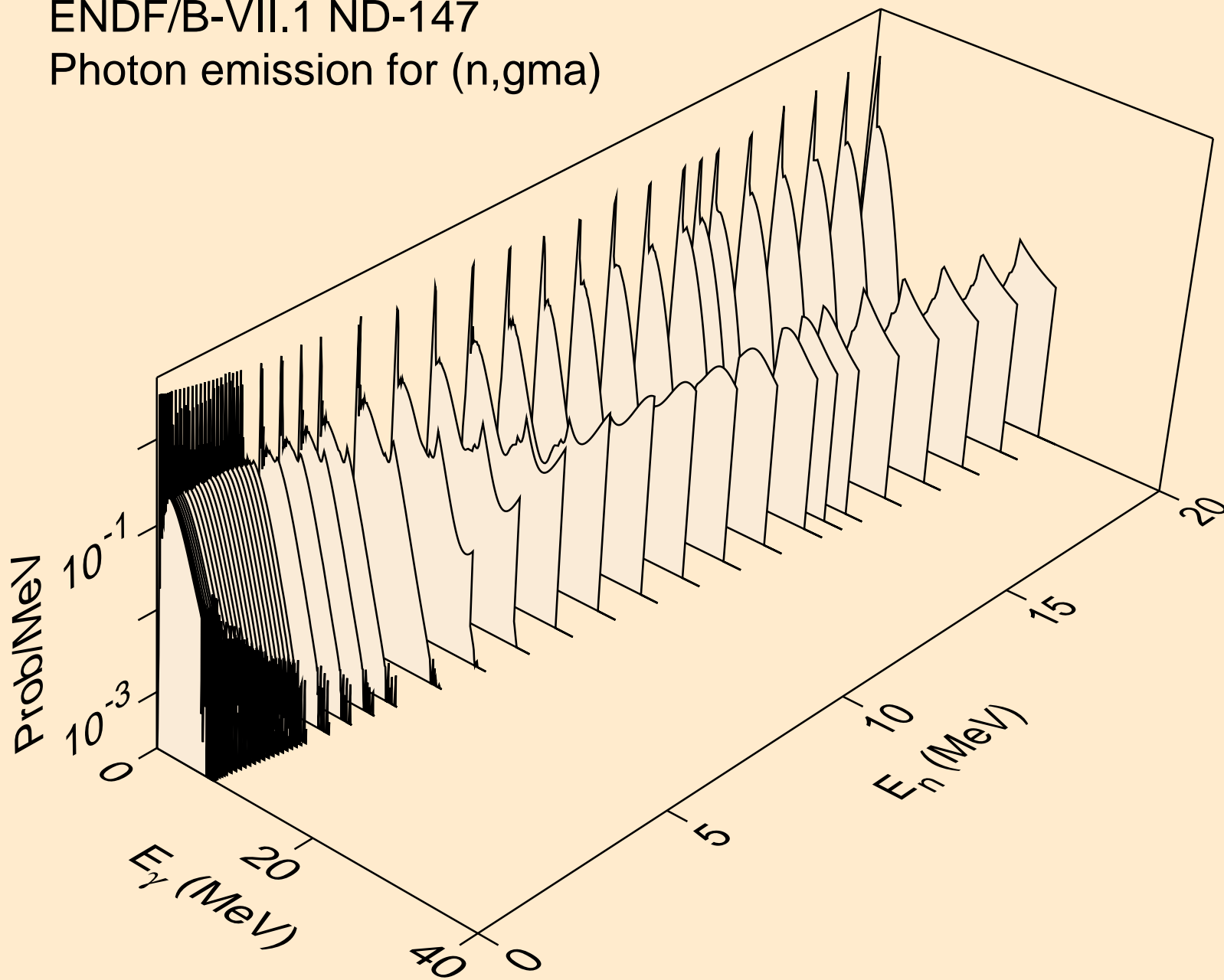
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Photon emission for (n,2np)



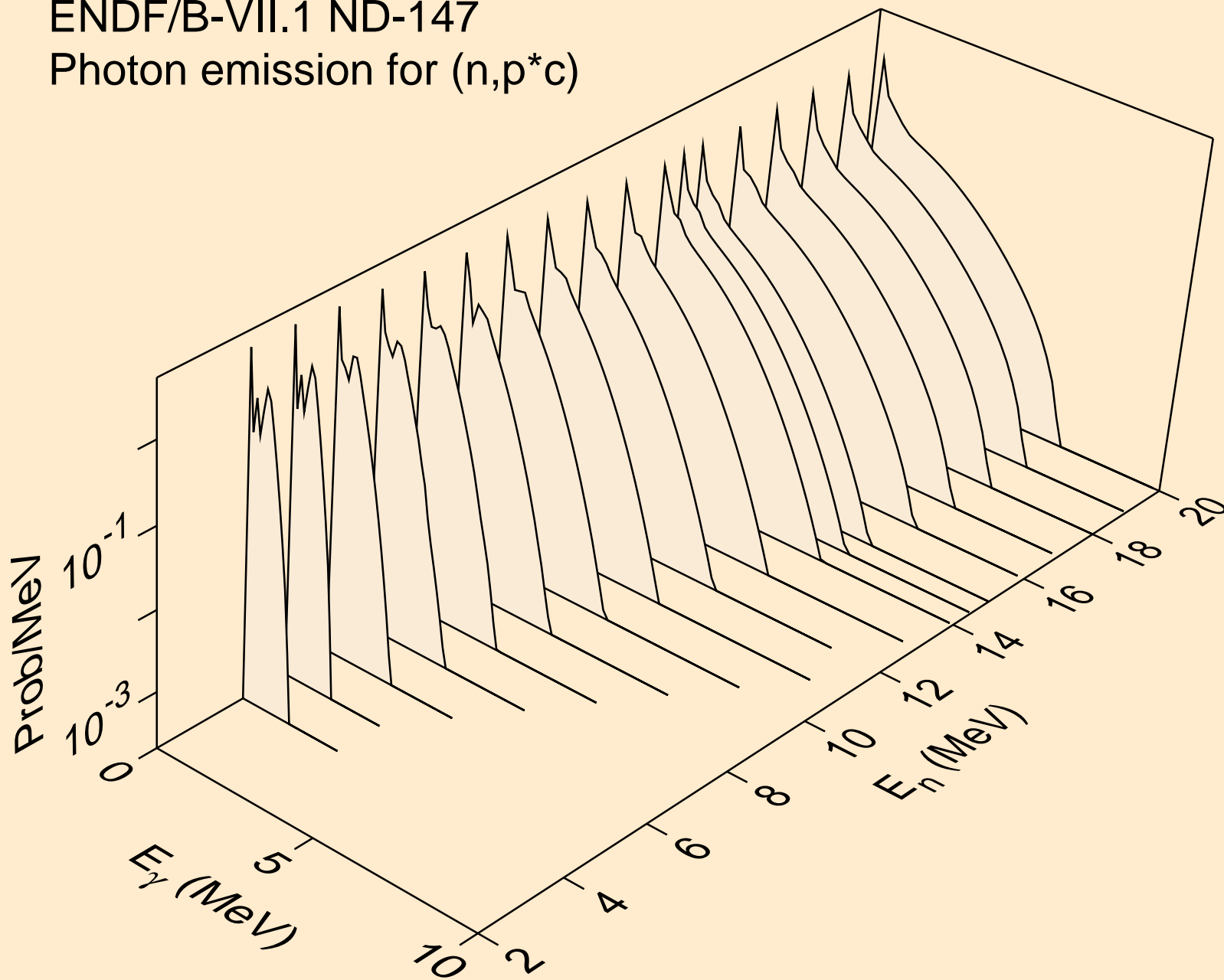
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Photon emission for (n,n*c)



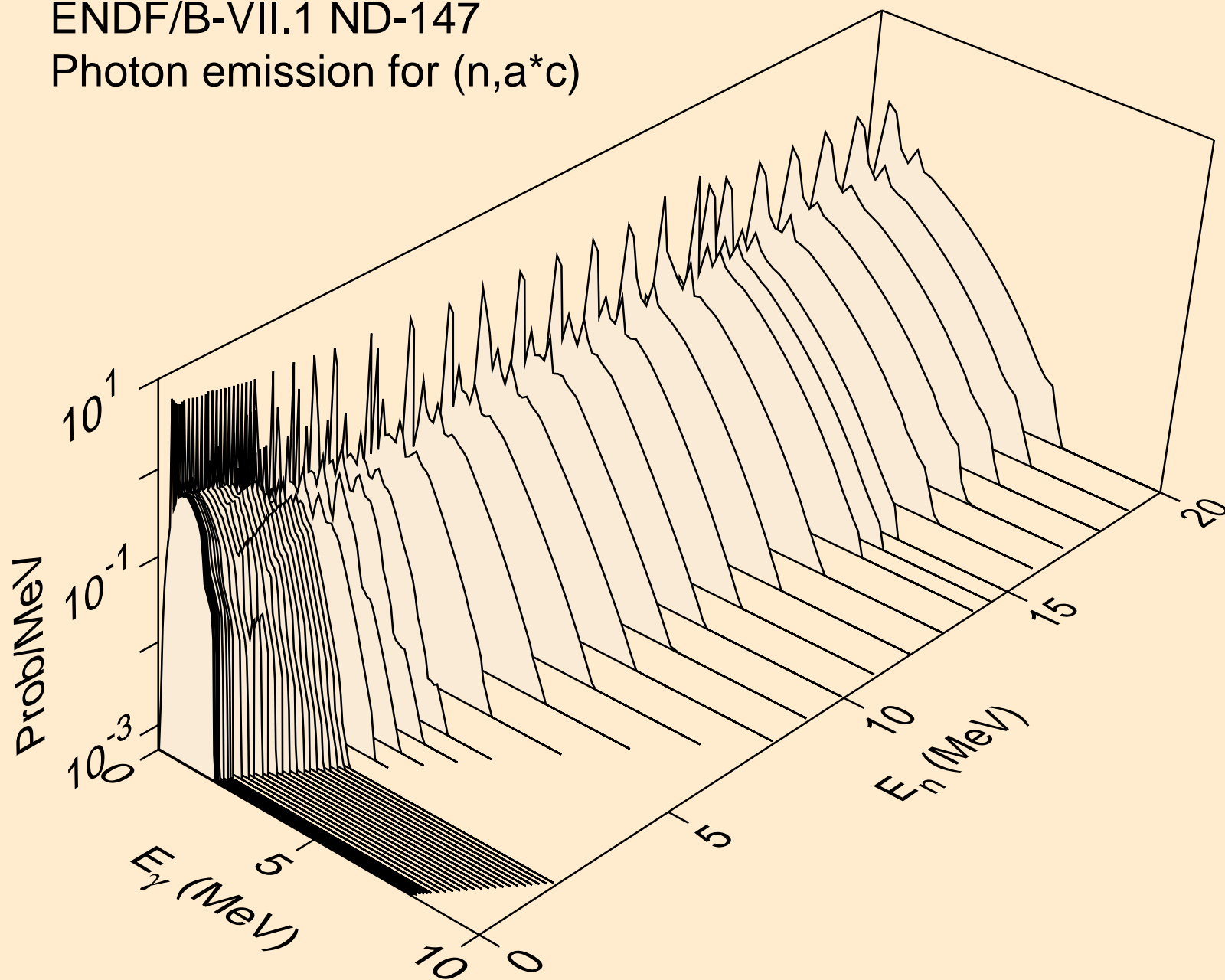
ENDF/B-VII.1 ND-147
Photon emission for (n,gma)



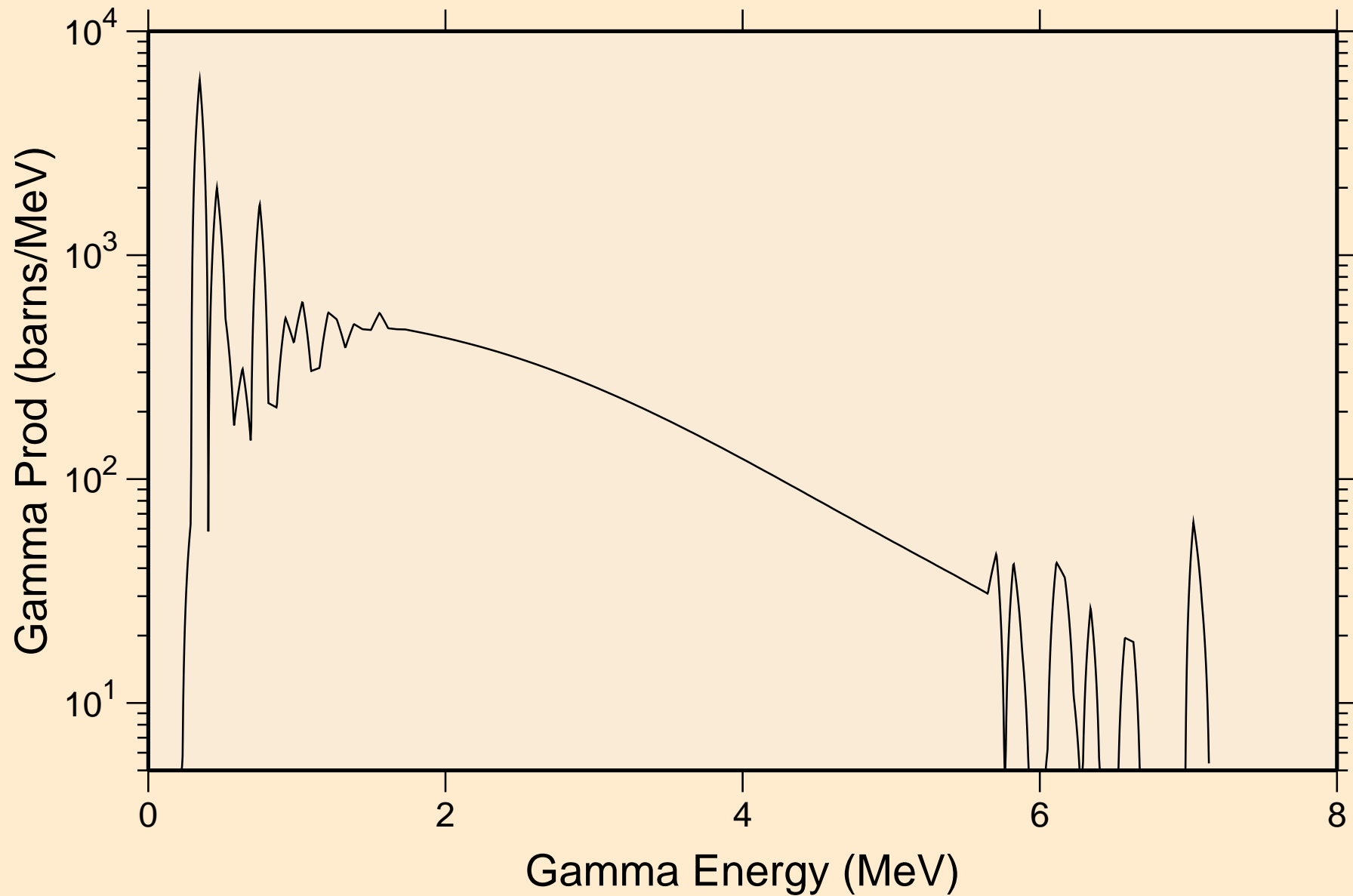
ENDF/B-VII.1 ND-147
Photon emission for (n,p*c)



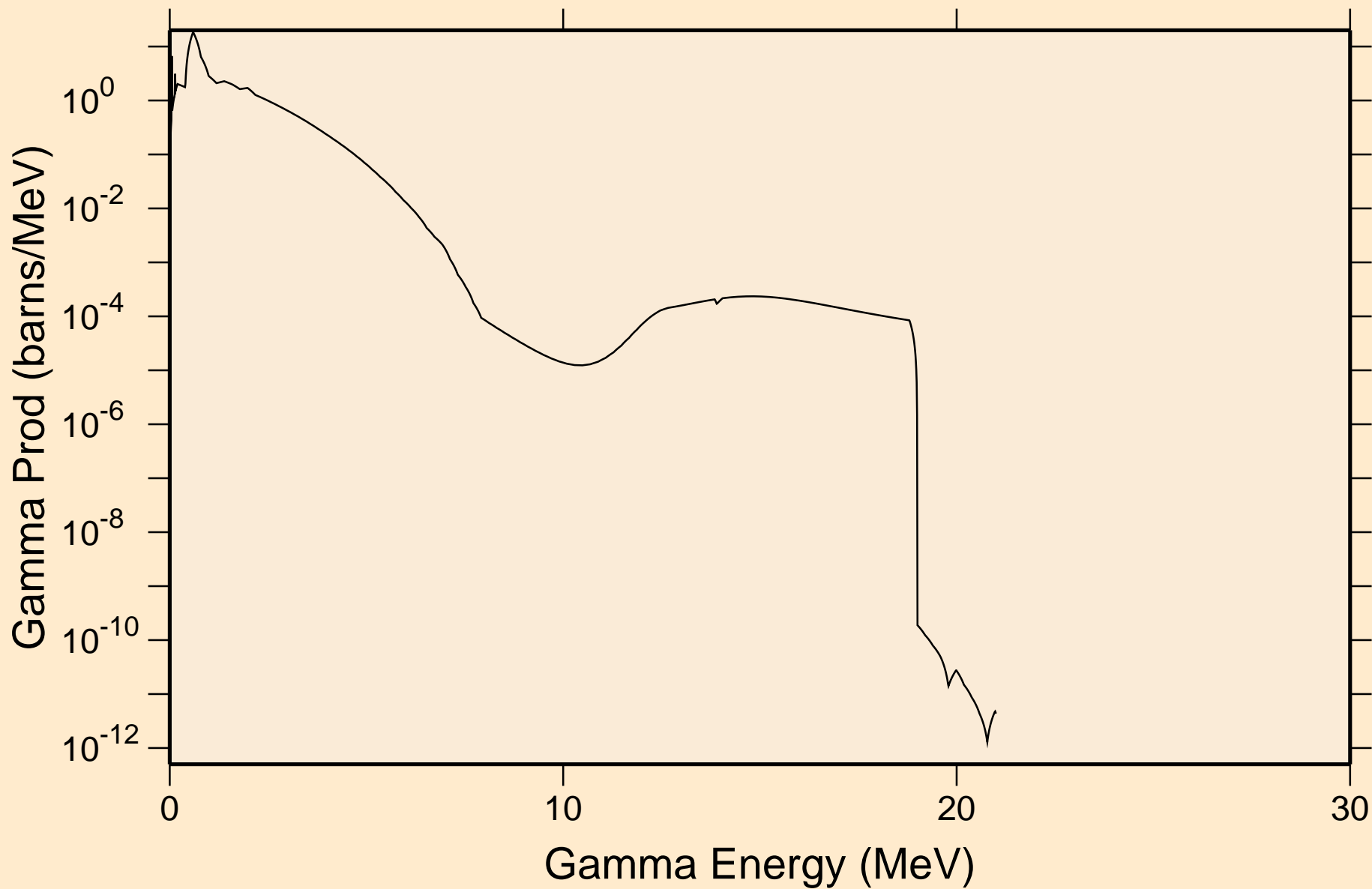
ENDF/B-VII.1 ND-147
Photon emission for (n,a*c)



ENDF/B-VII.1 ND-147
thermal capture photon spectrum

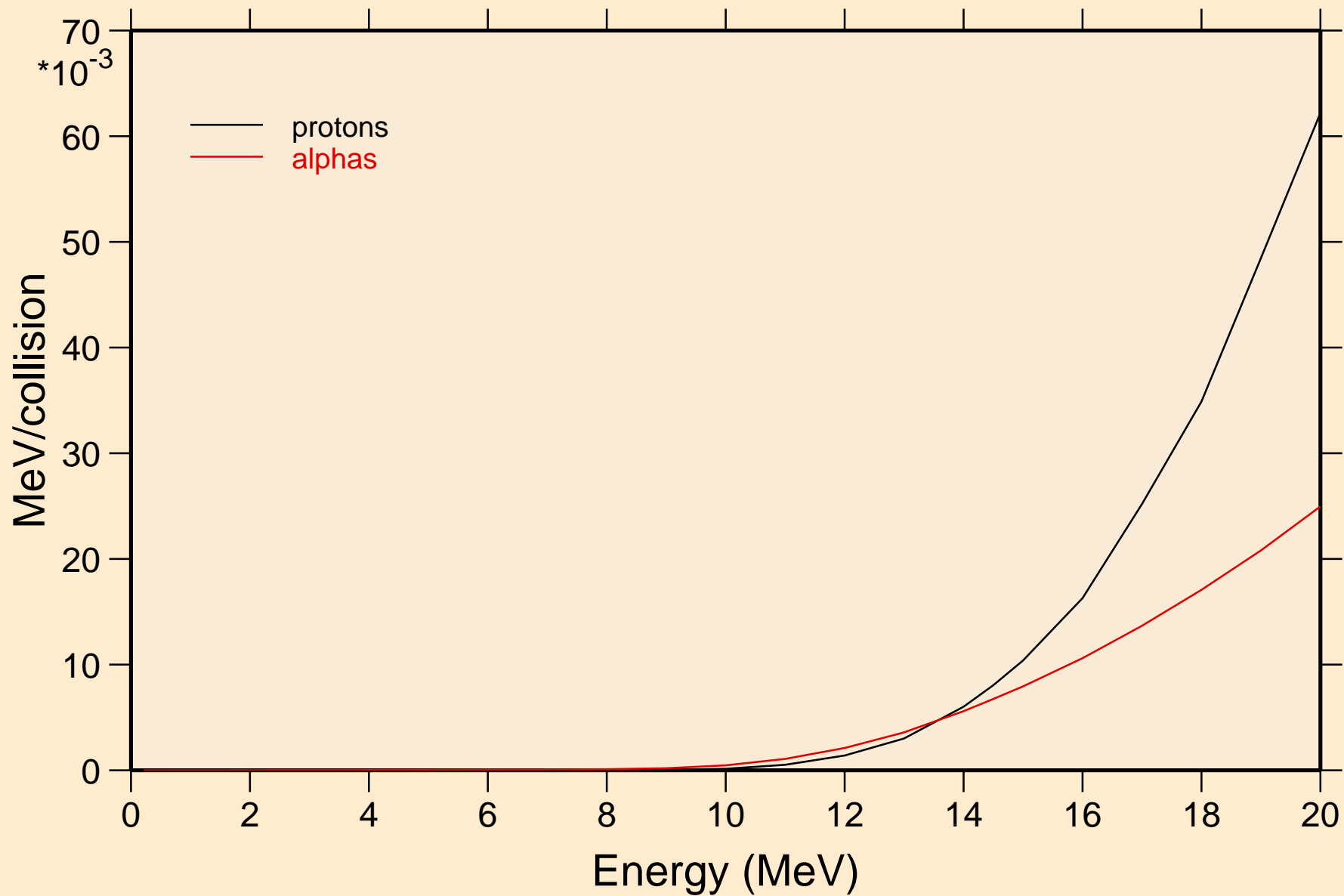


ENDF/B-VII.1 ND-147
14 MeV photon spectrum



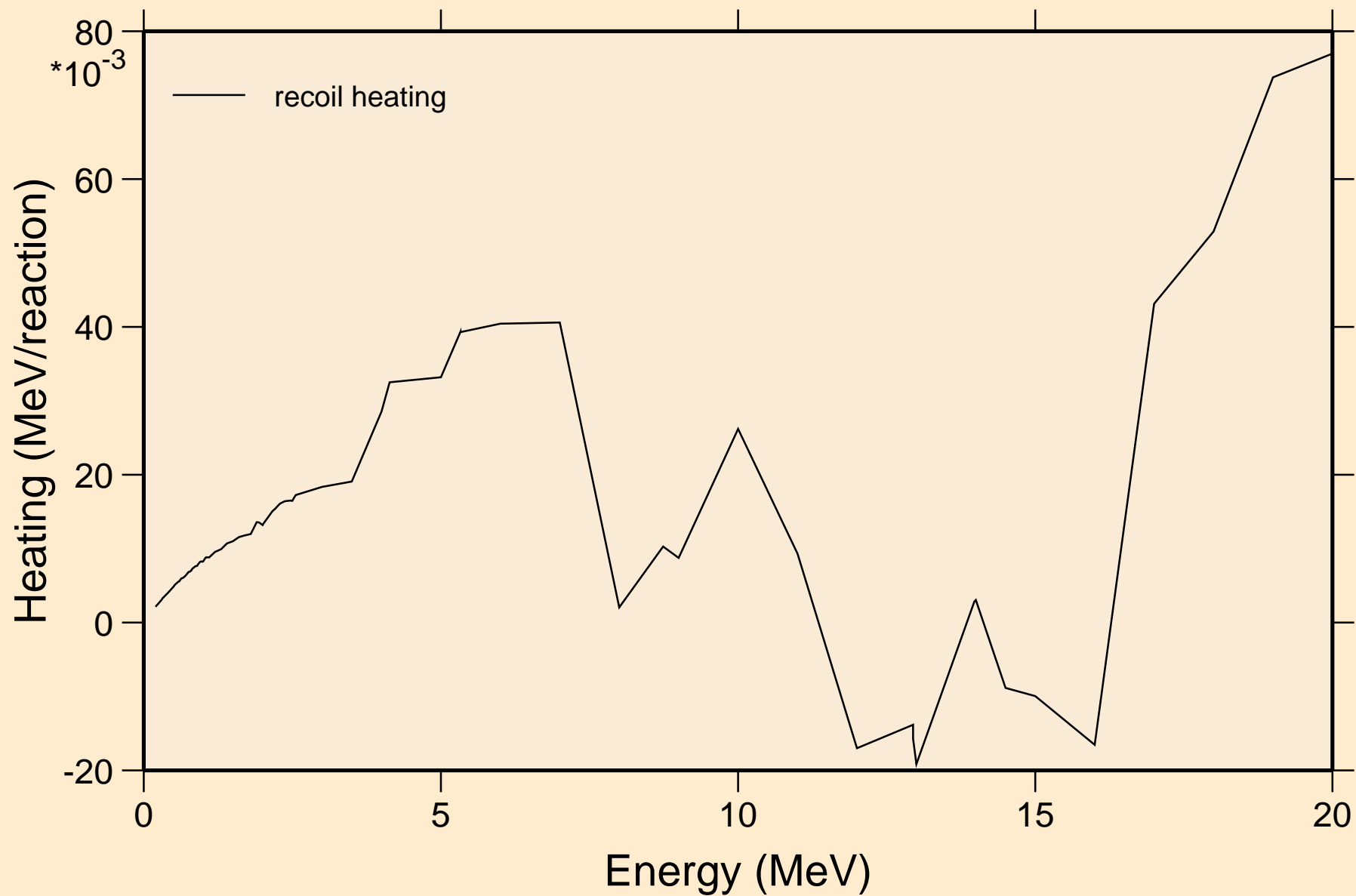
ENDF/B-VII.1 ND-147

Particle heating contributions



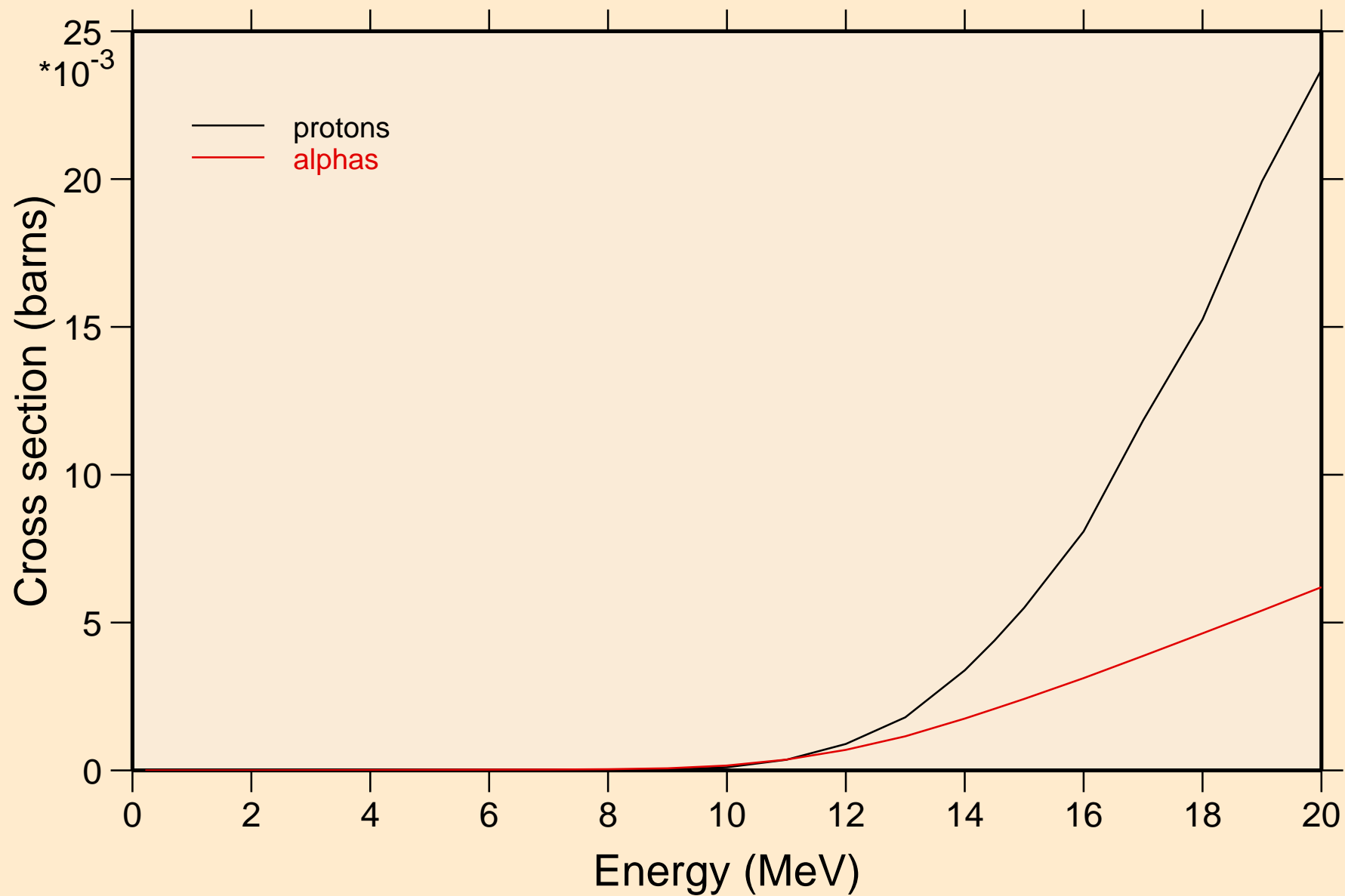
ENDF/B-VII.1 ND-147

Recoil Heating

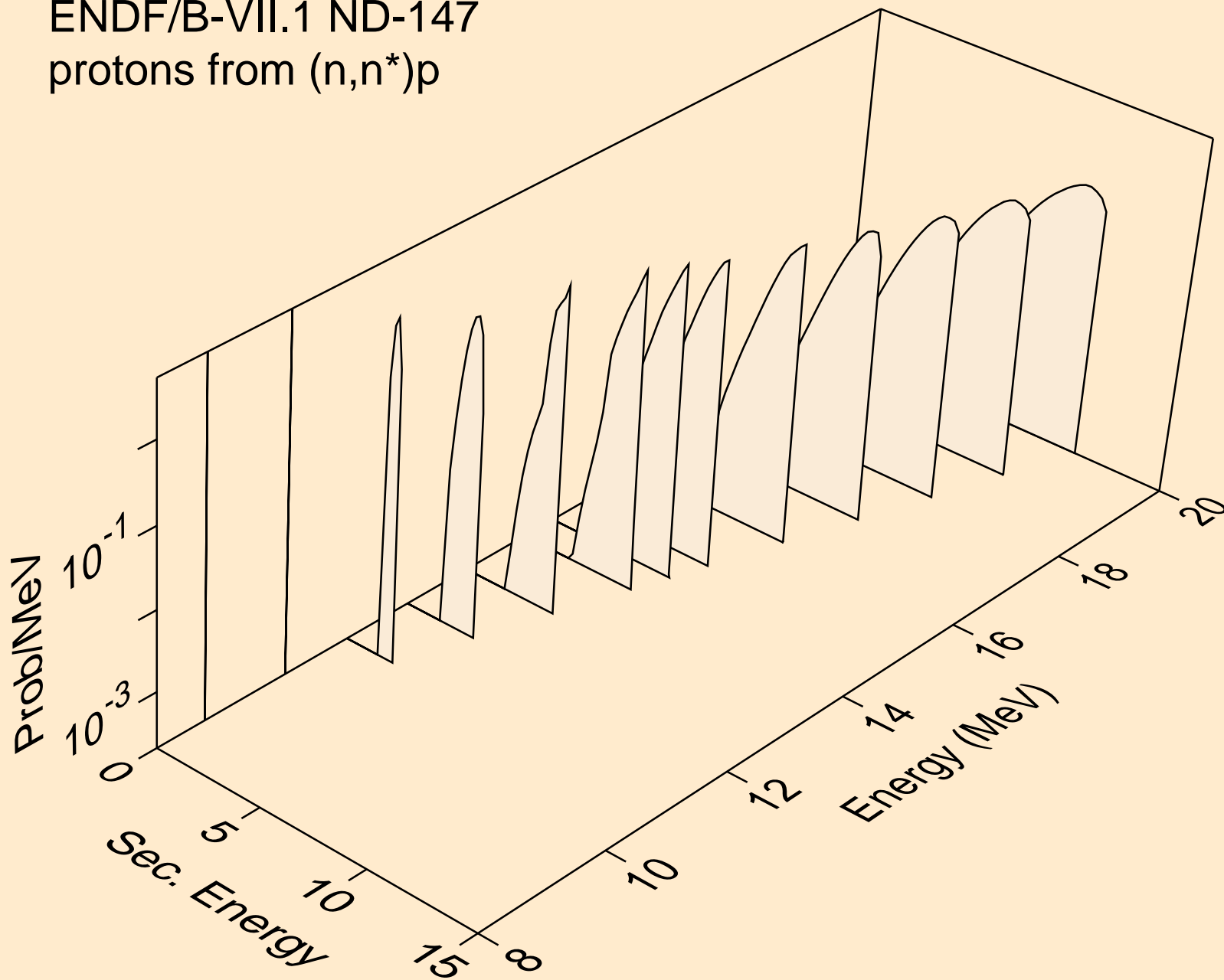


ENDF/B-VII.1 ND-147

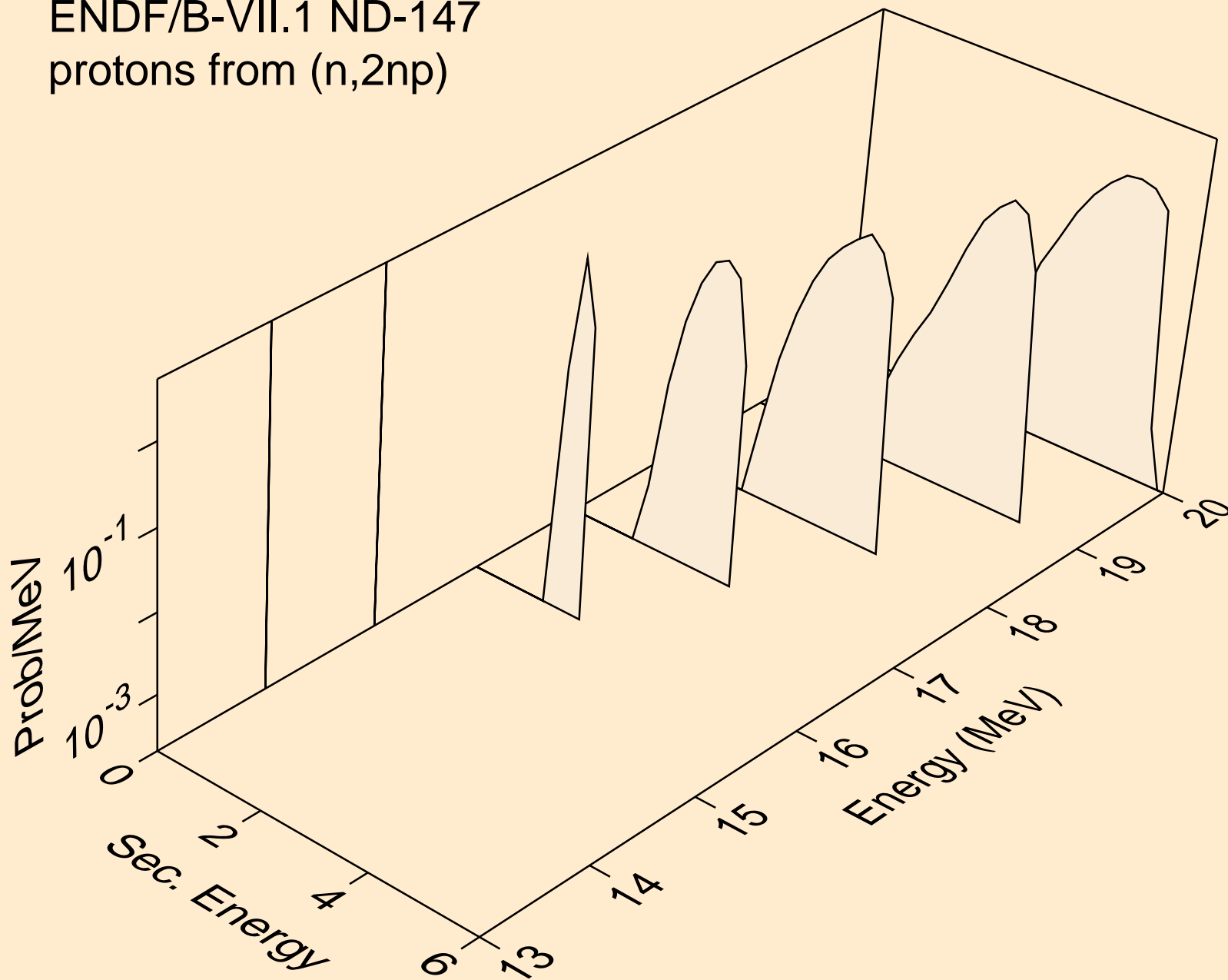
Particle production cross sections



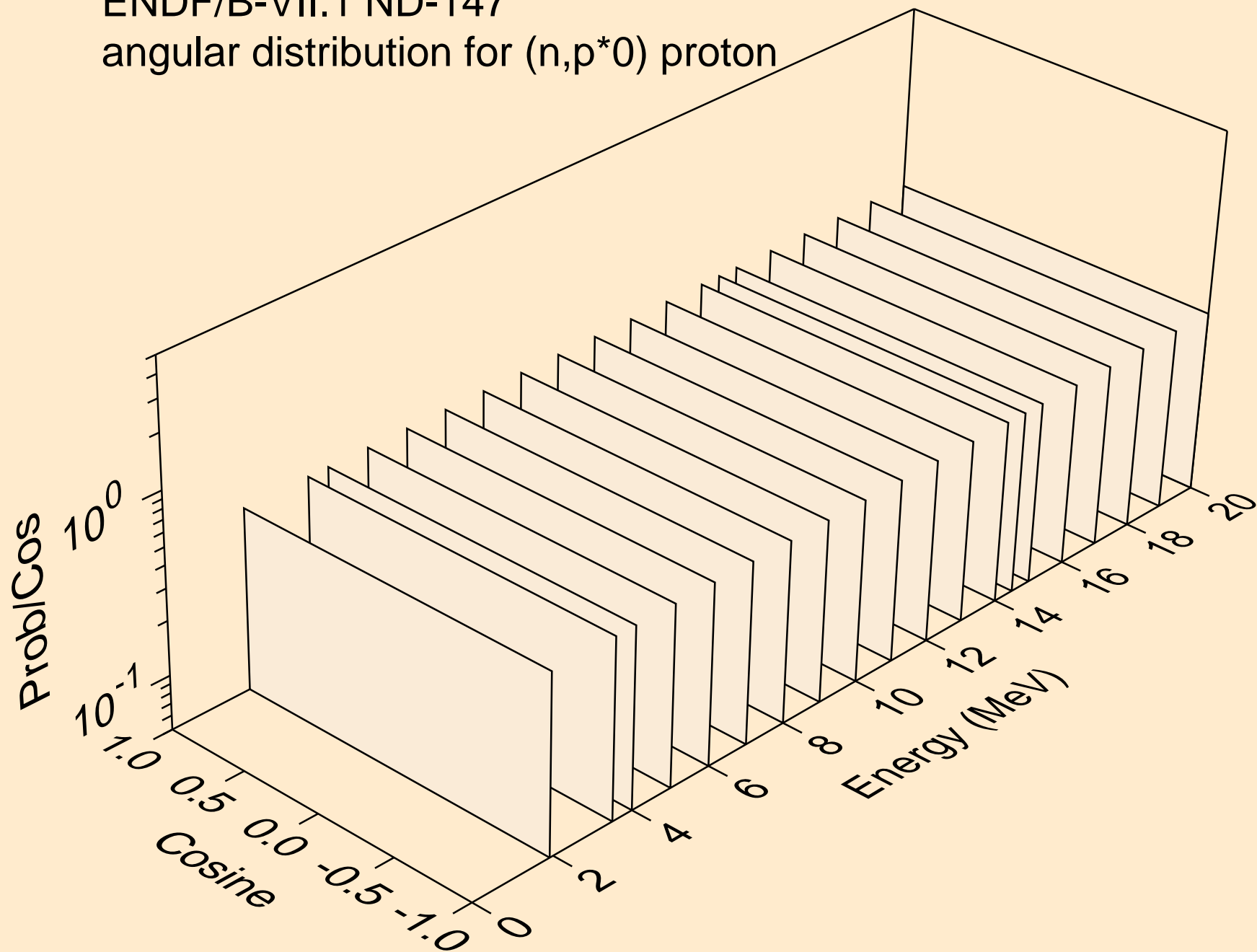
ENDF/B-VII.1 ND-147
protons from (n,n*)p



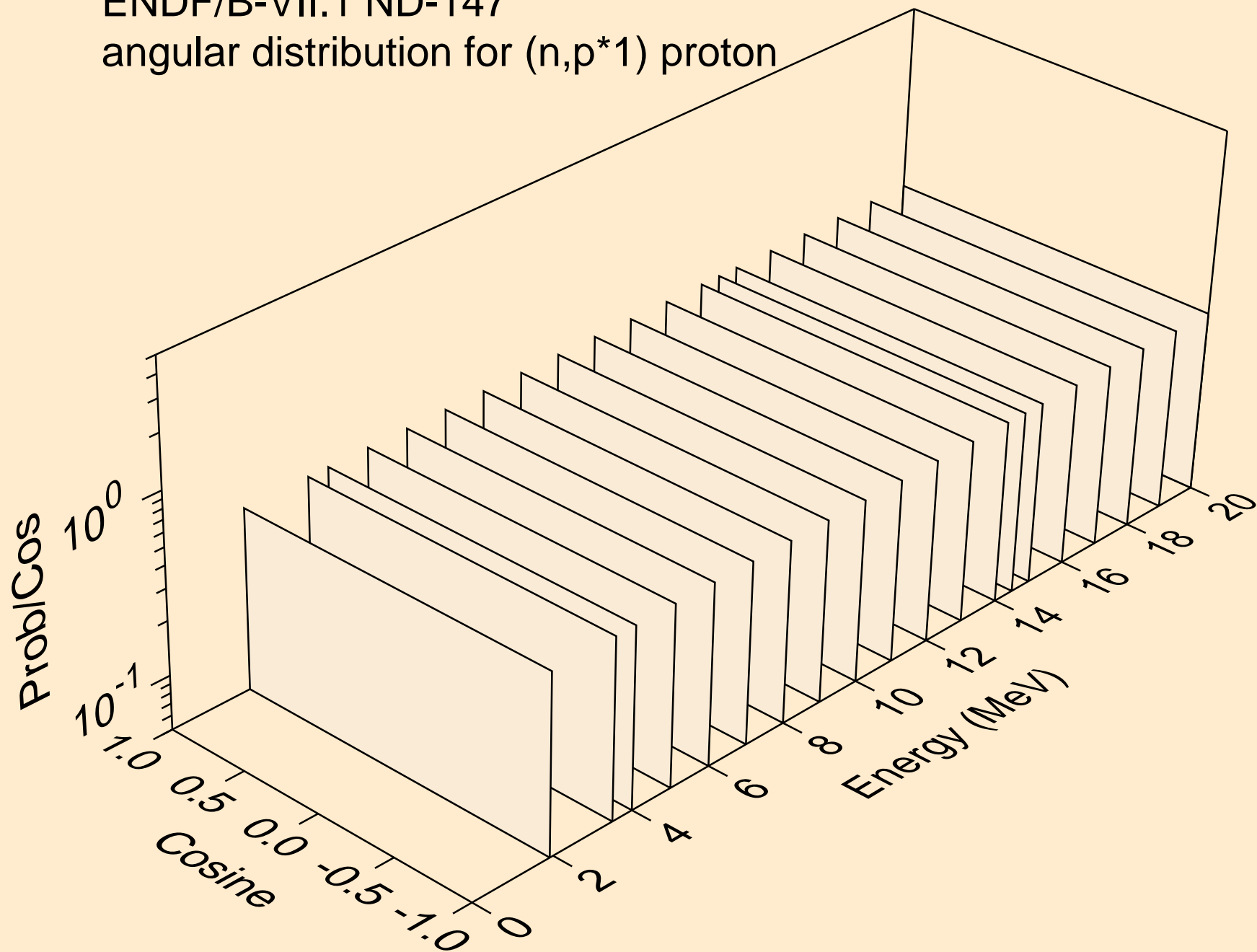
ENDF/B-VII.1 ND-147
protons from (n,2np)



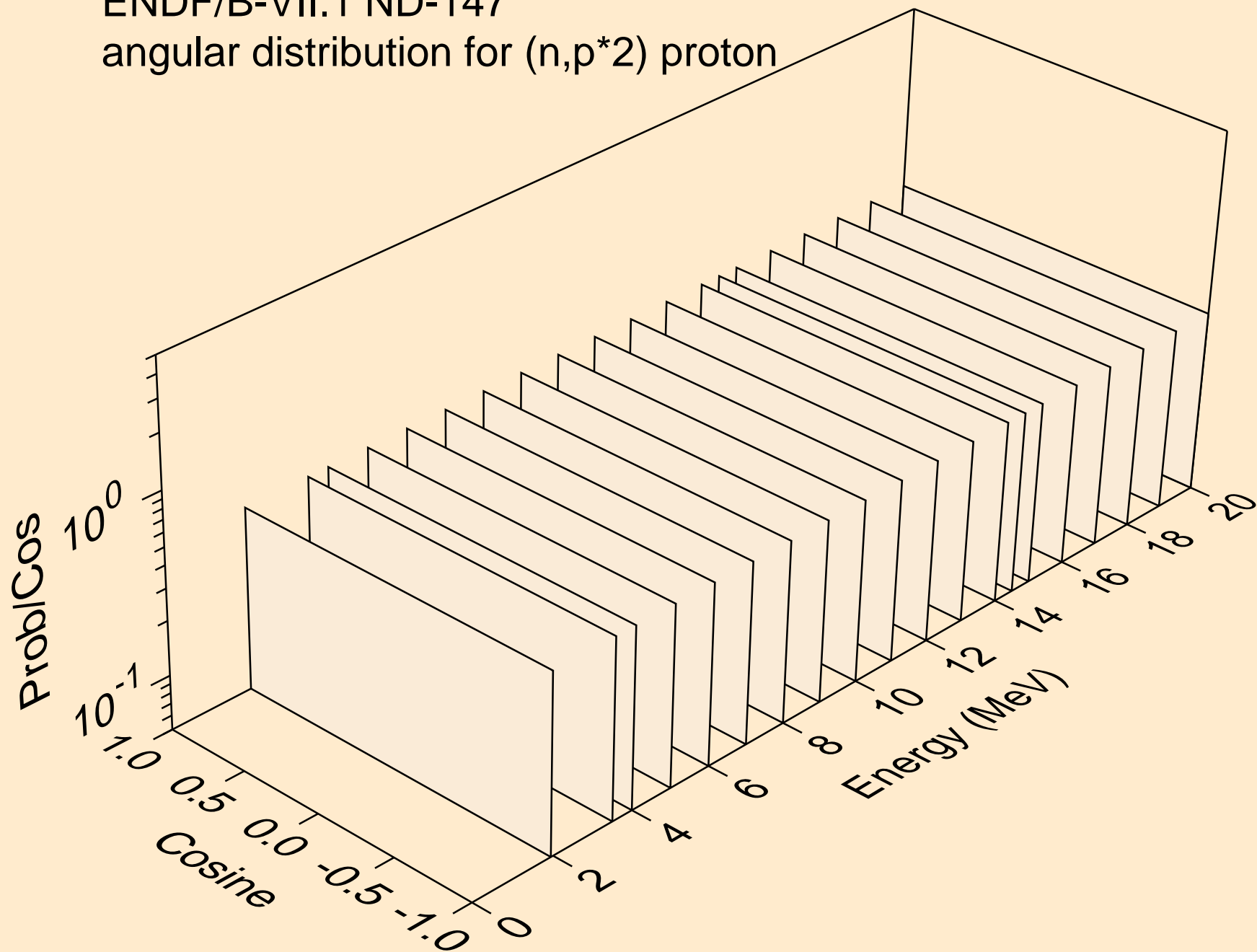
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angular distribution for (n,p*0) proton



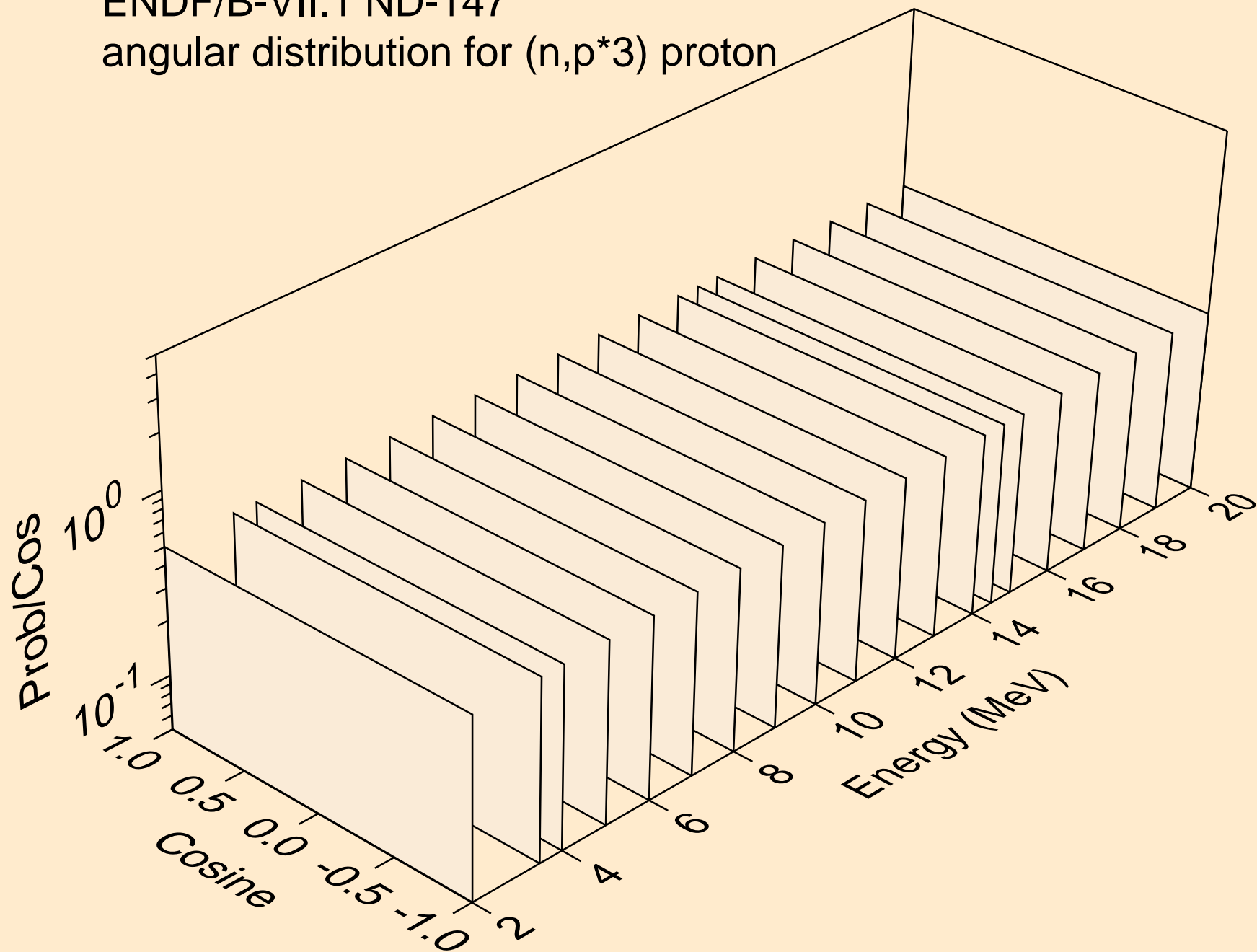
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angular distribution for (n,p*1) proton



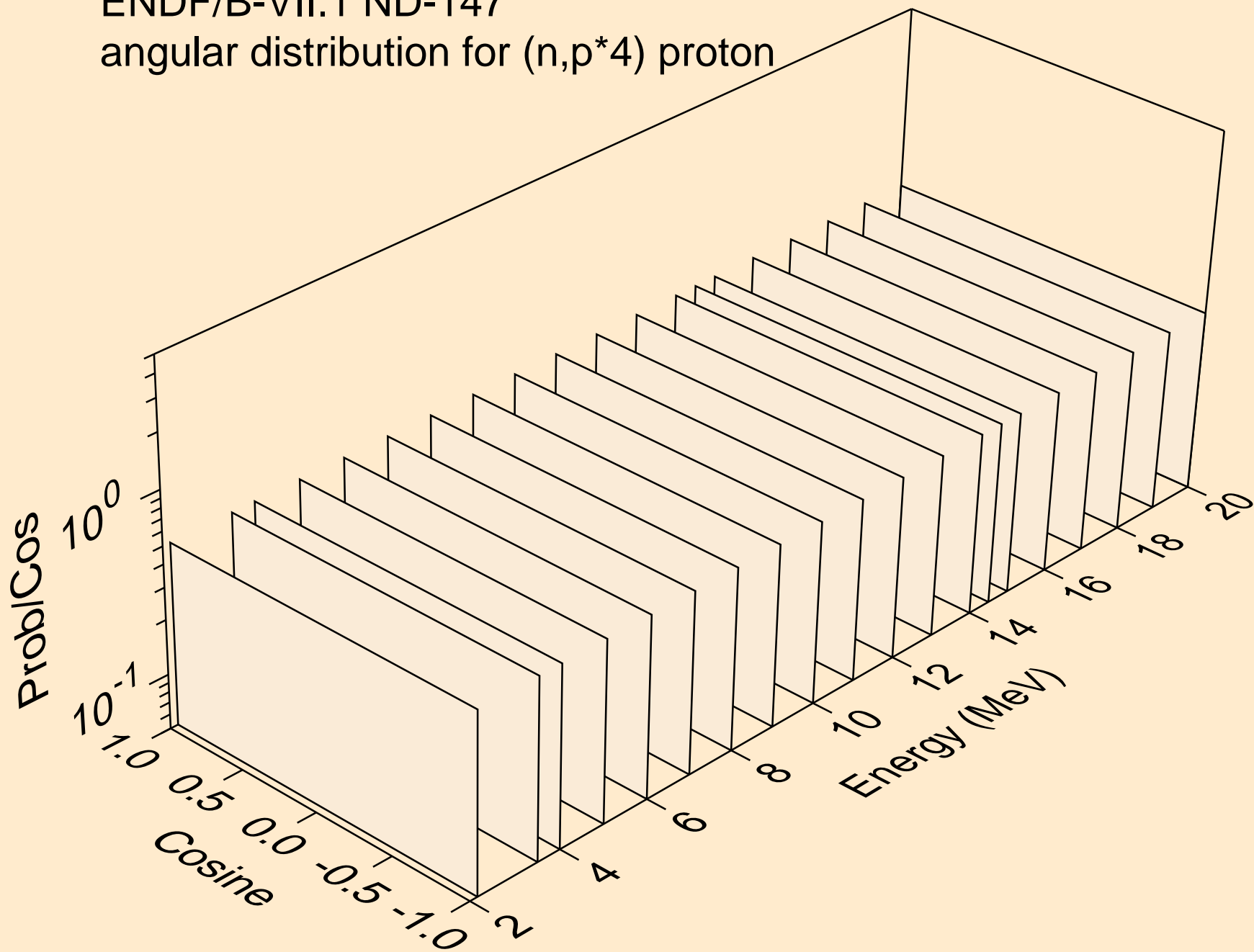
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angular distribution for (n,p*2) proton



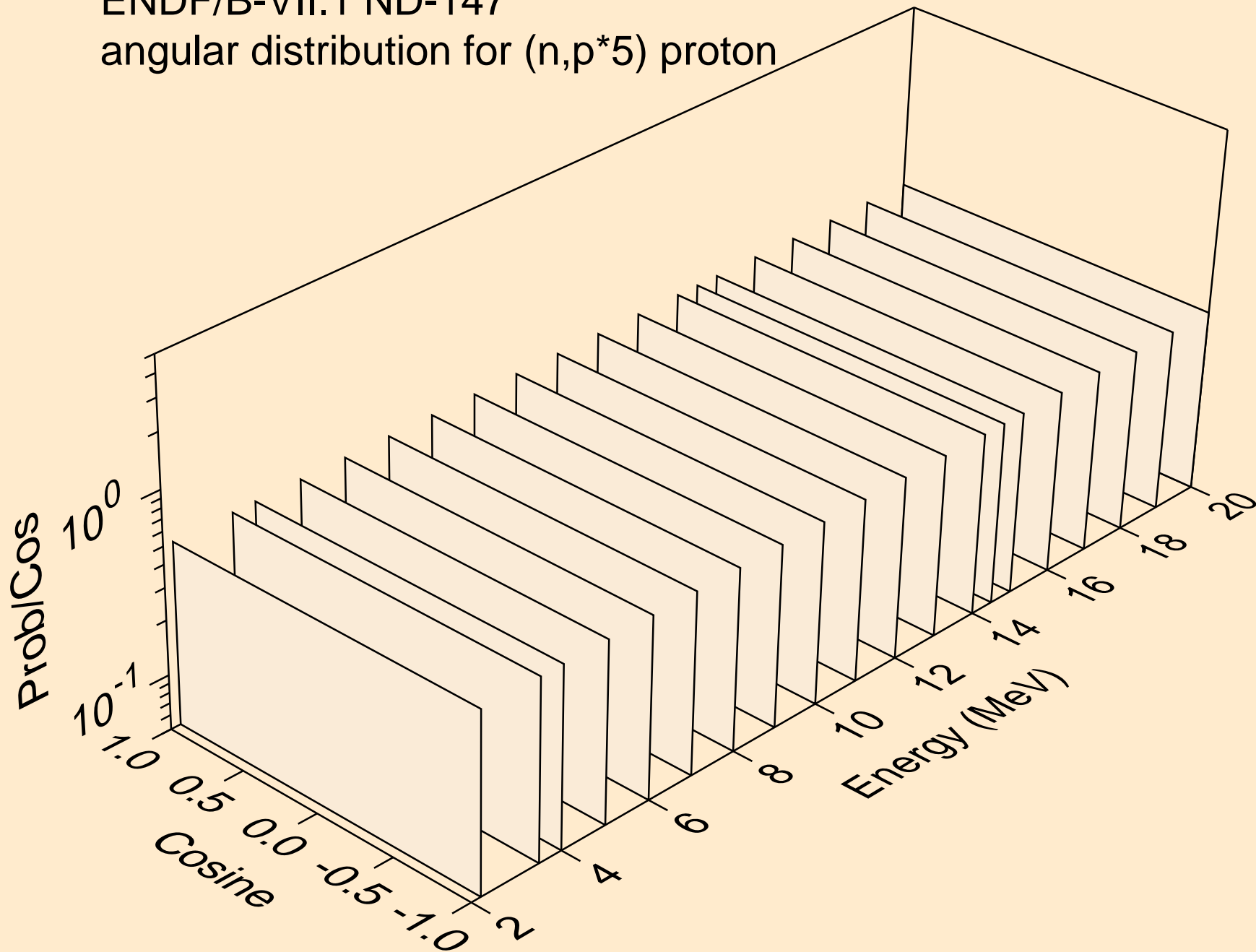
ENDF/B-VII.1 ND-147
angular distribution for (n,p*3) proton



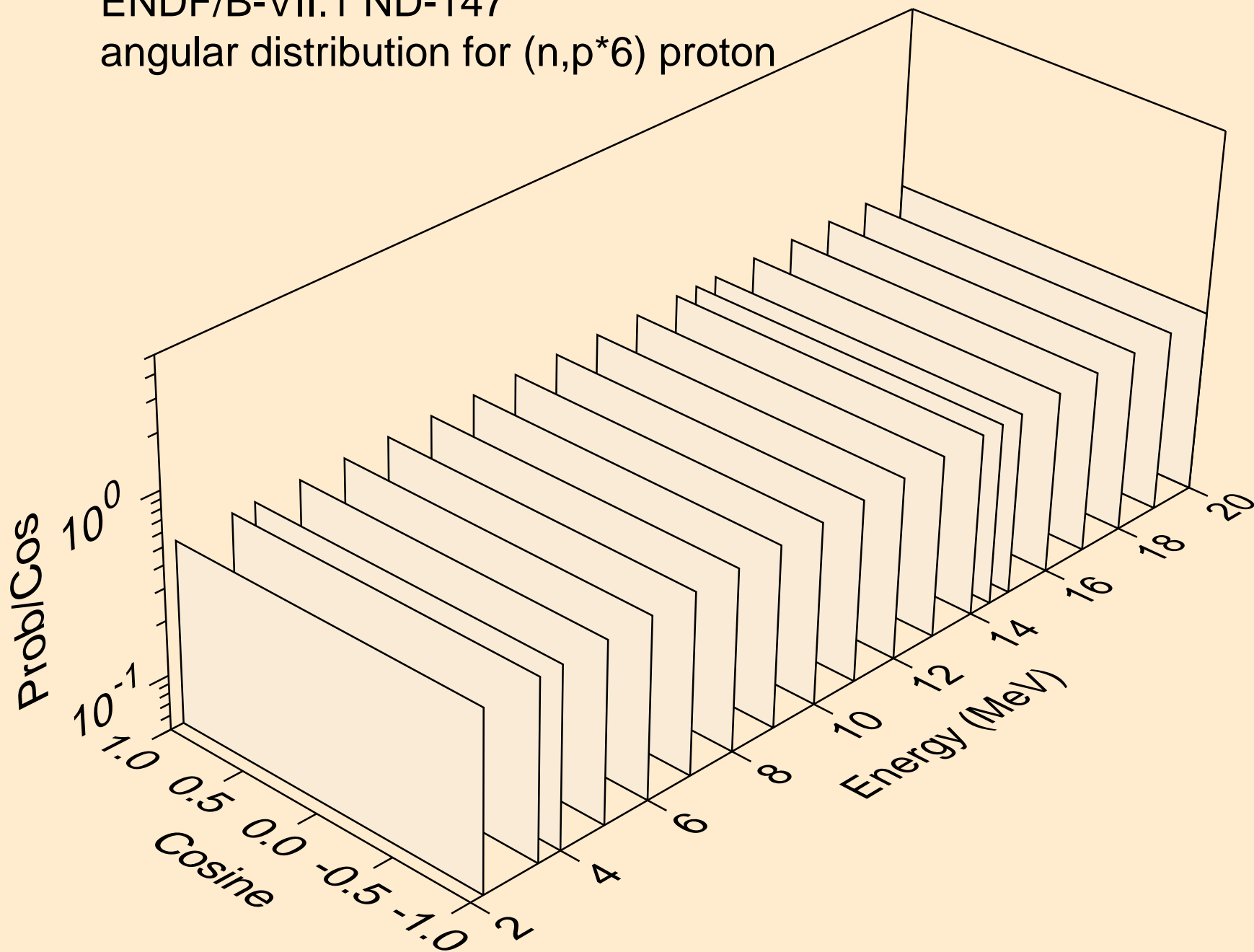
ENDF/B-VII.1 ND-147
angular distribution for (n,p*4) proton



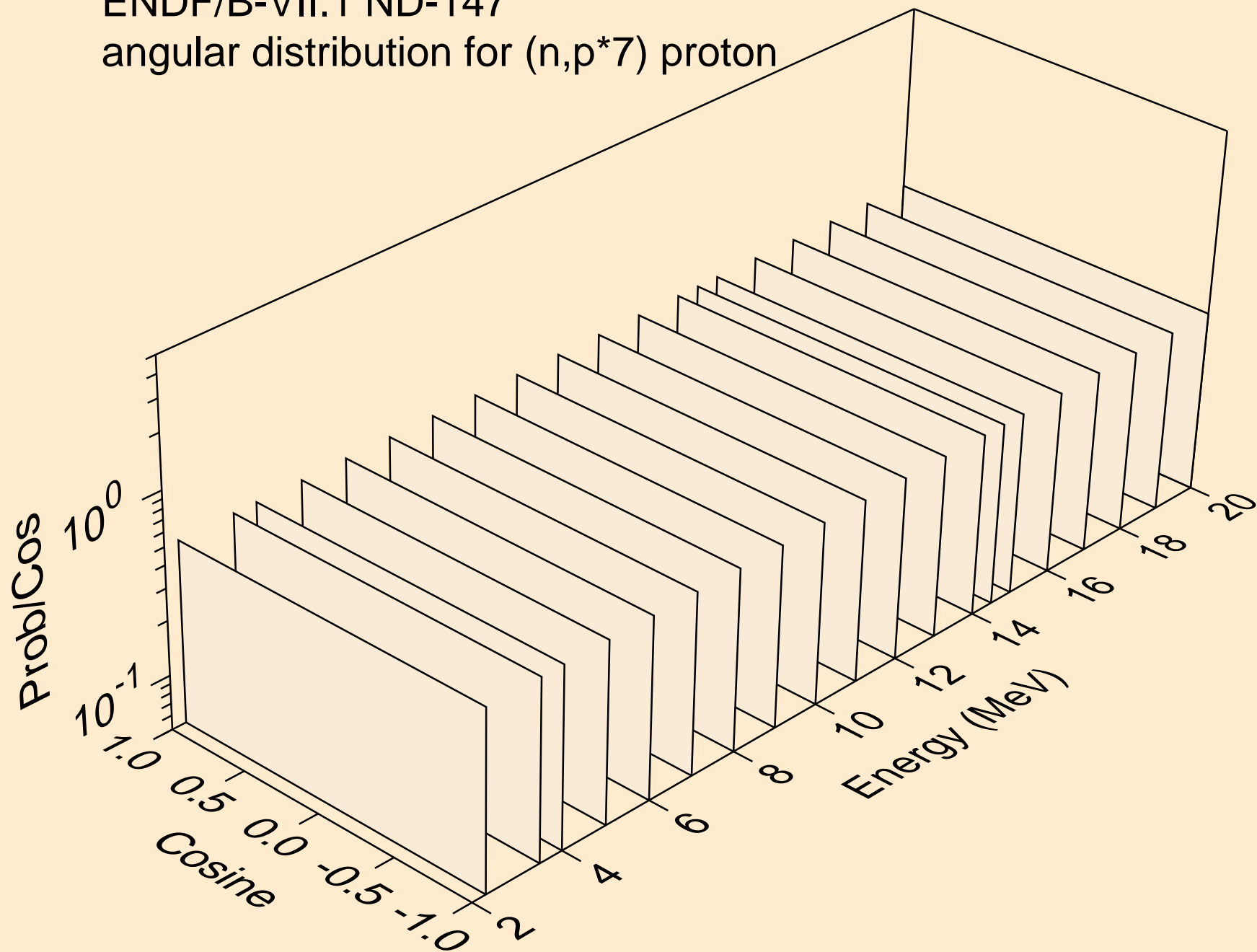
ENDF/B-VII.1 ND-147
angular distribution for (n,p*5) proton



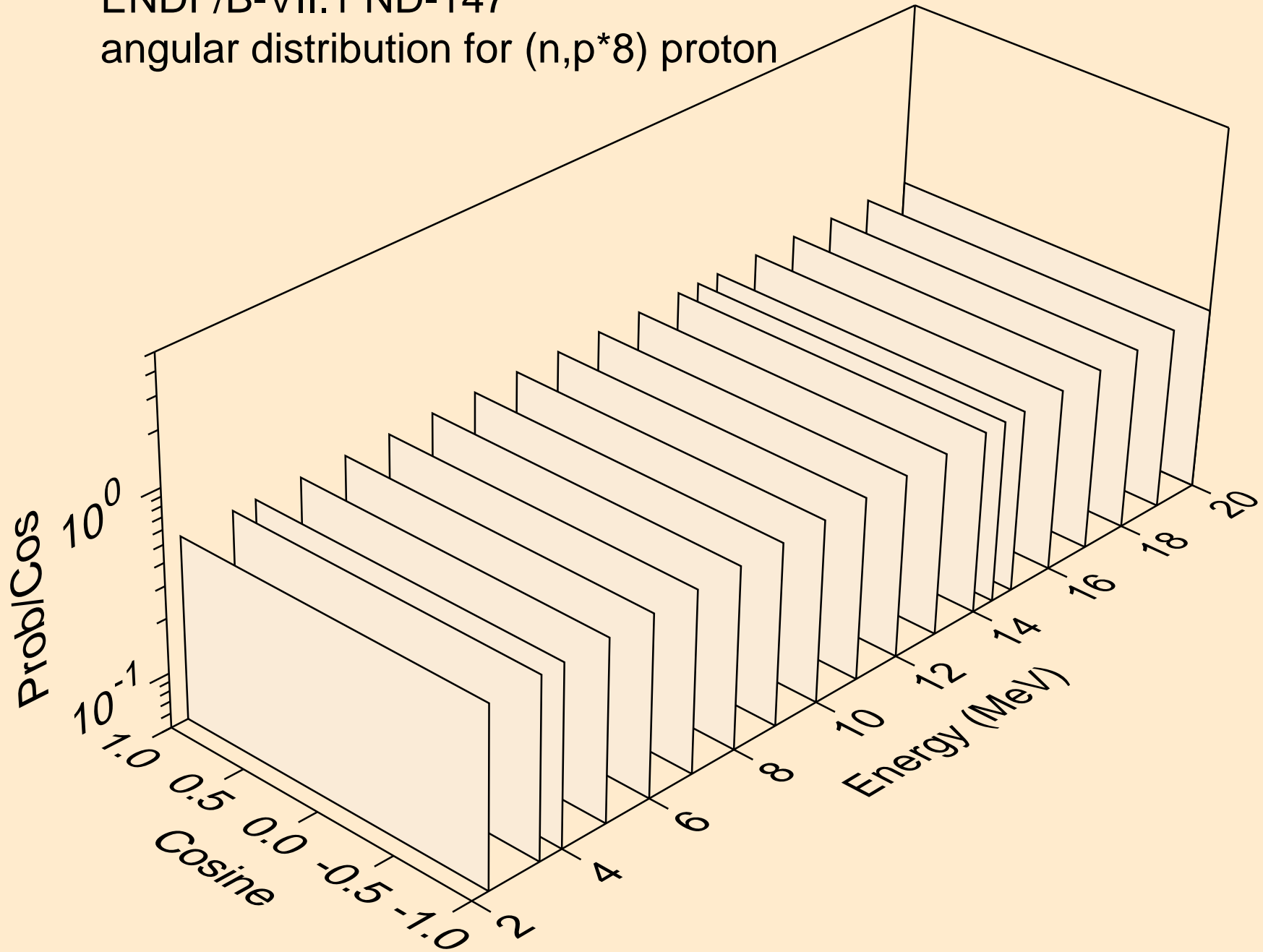
ENDF/B-VII.1 ND-147
angular distribution for (n,p*6) proton



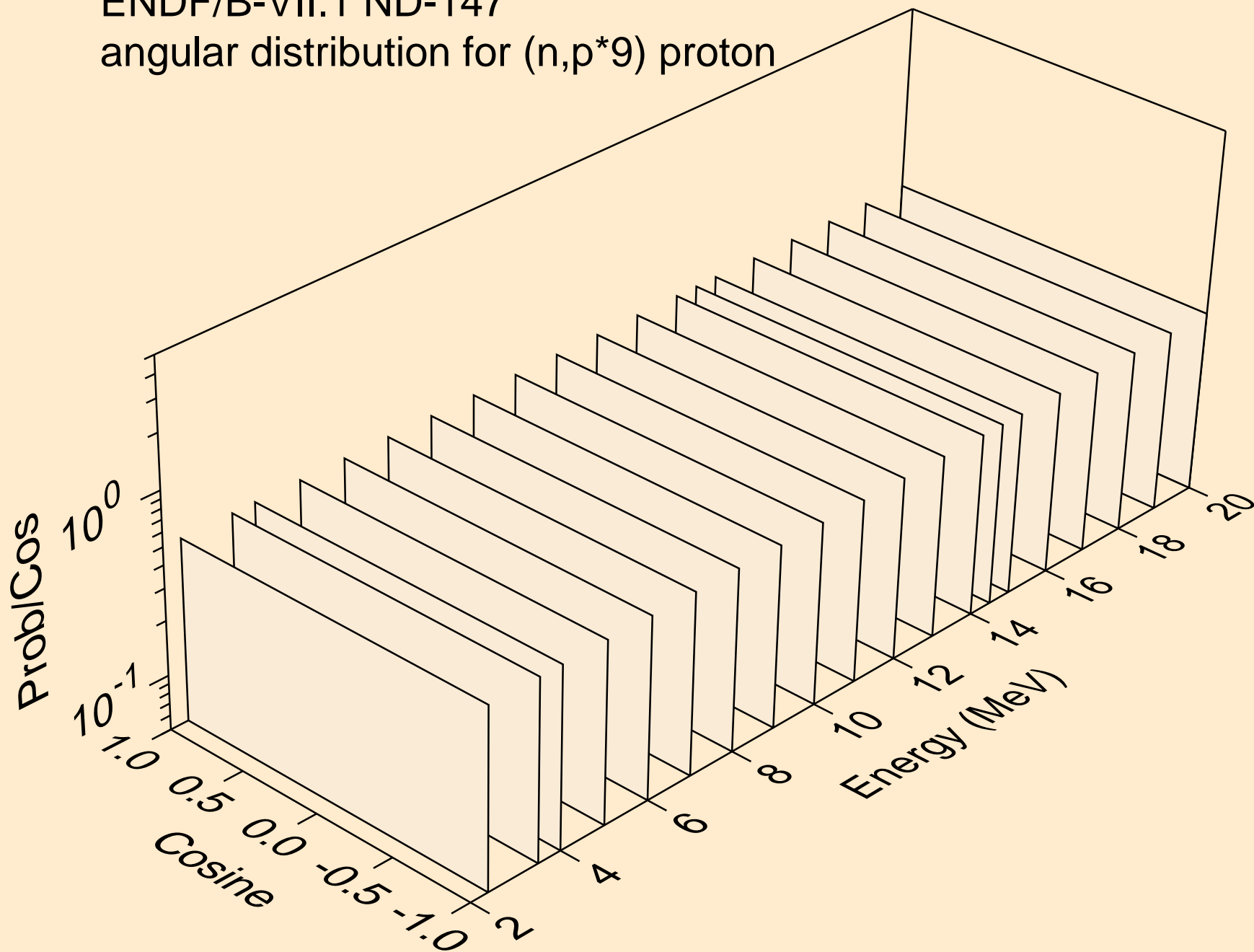
ENDF/B-VII.1 ND-147
angular distribution for (n,p*7) proton



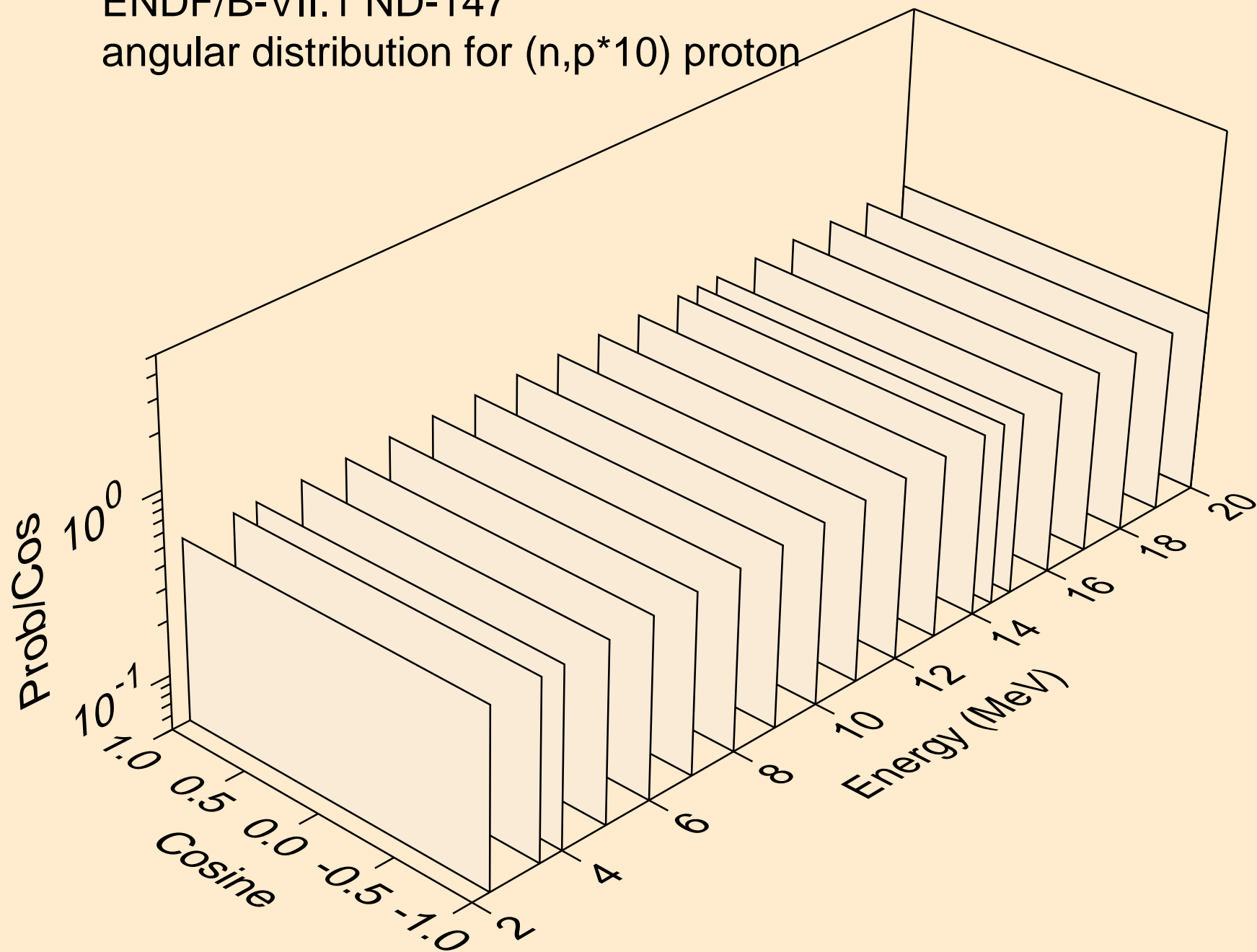
ENDF/B-VII.1 ND-147
angular distribution for (n,p*8) proton



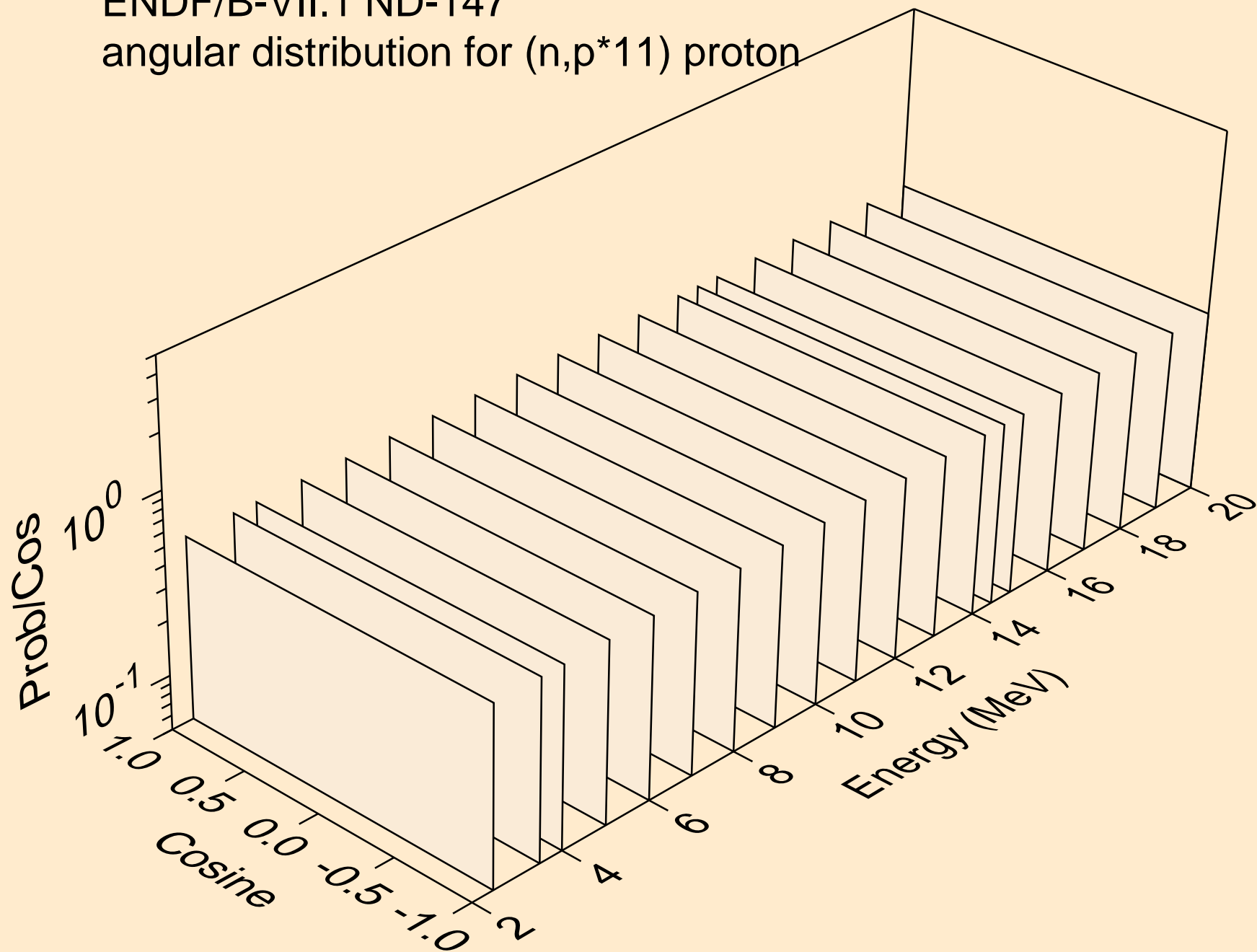
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angular distribution for (n,p*9) proton



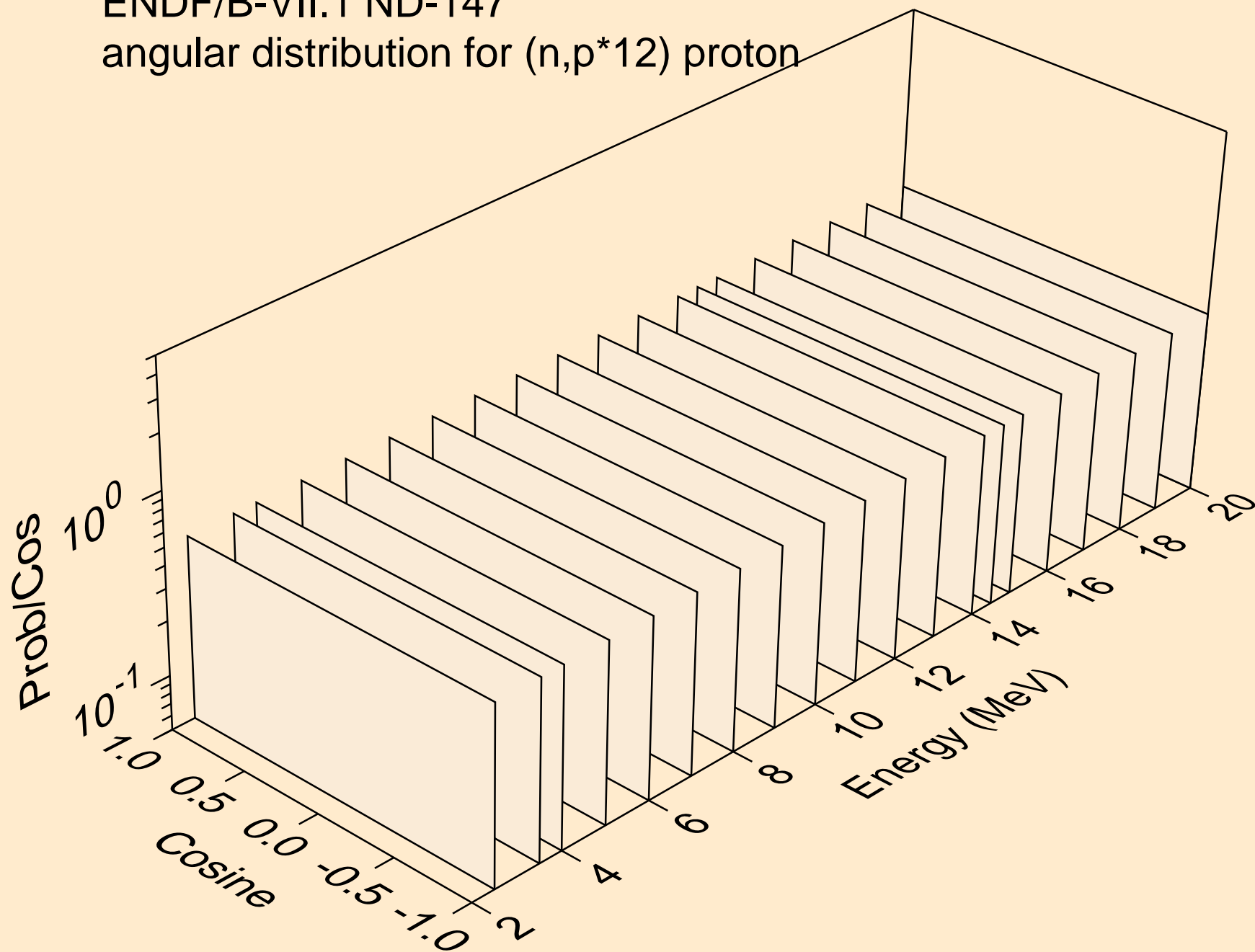
ENDF/B-VII.1 ND-147
angular distribution for (n,p*10) proton



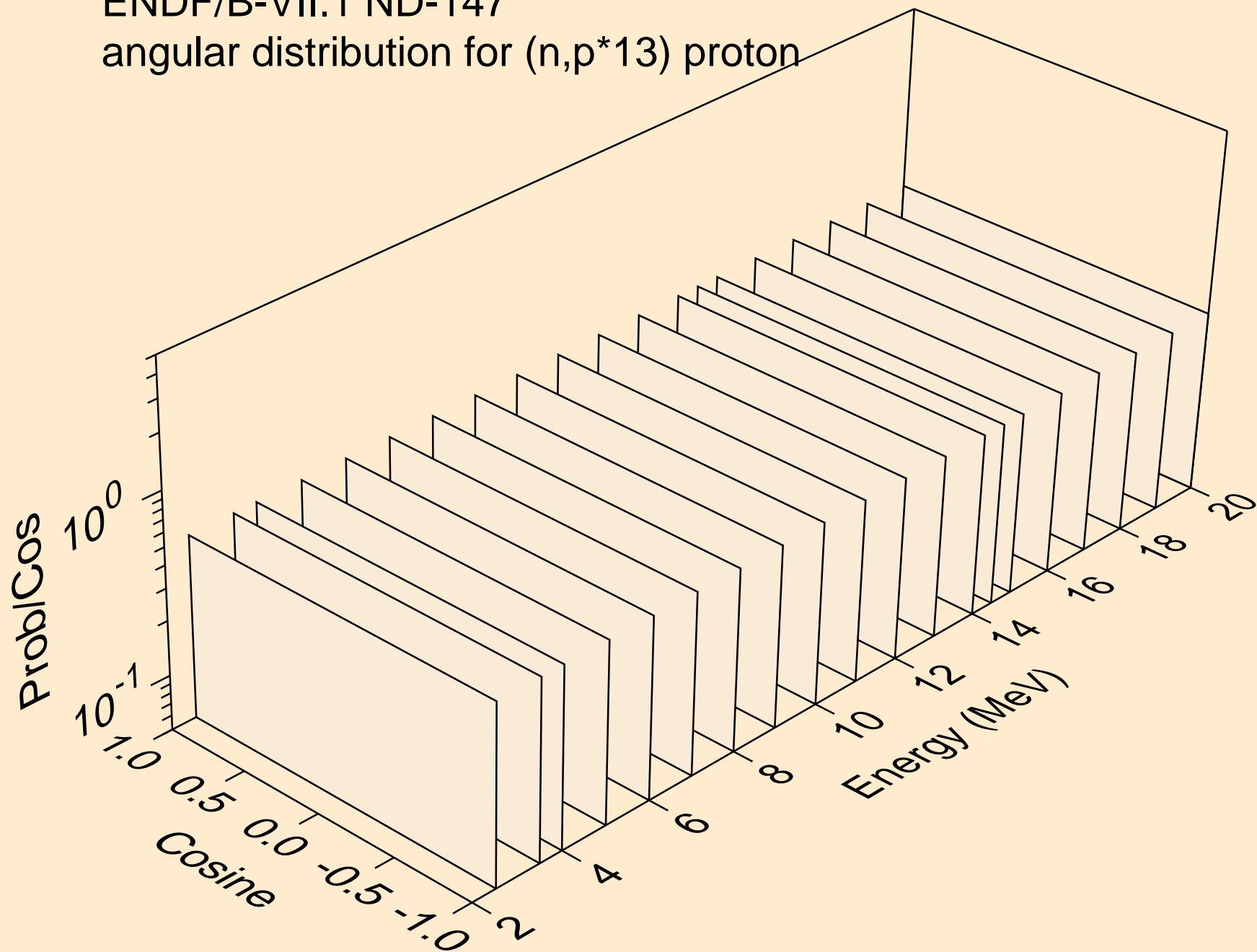
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angular distribution for (n,p*11) proton



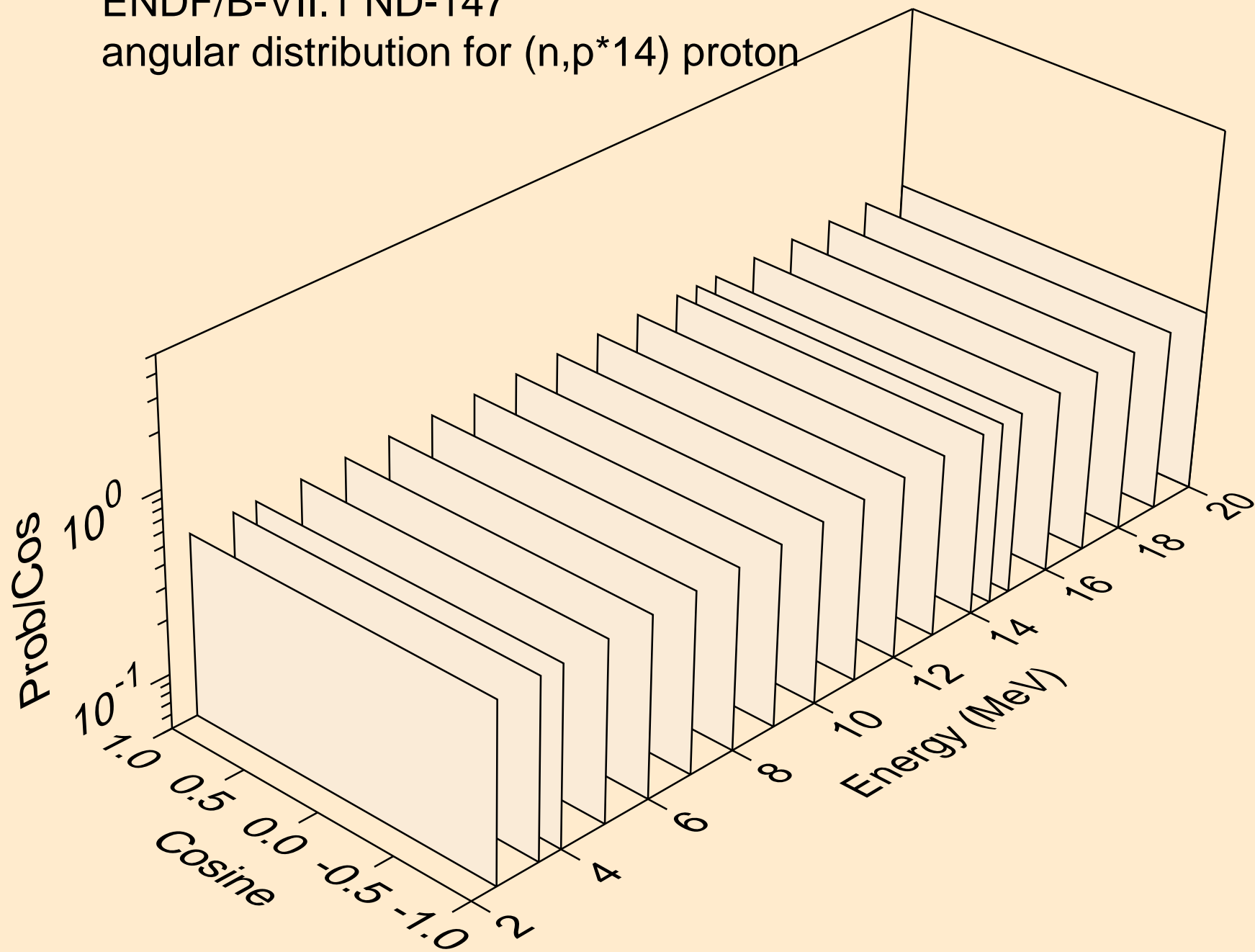
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angular distribution for (n,p*12) proton



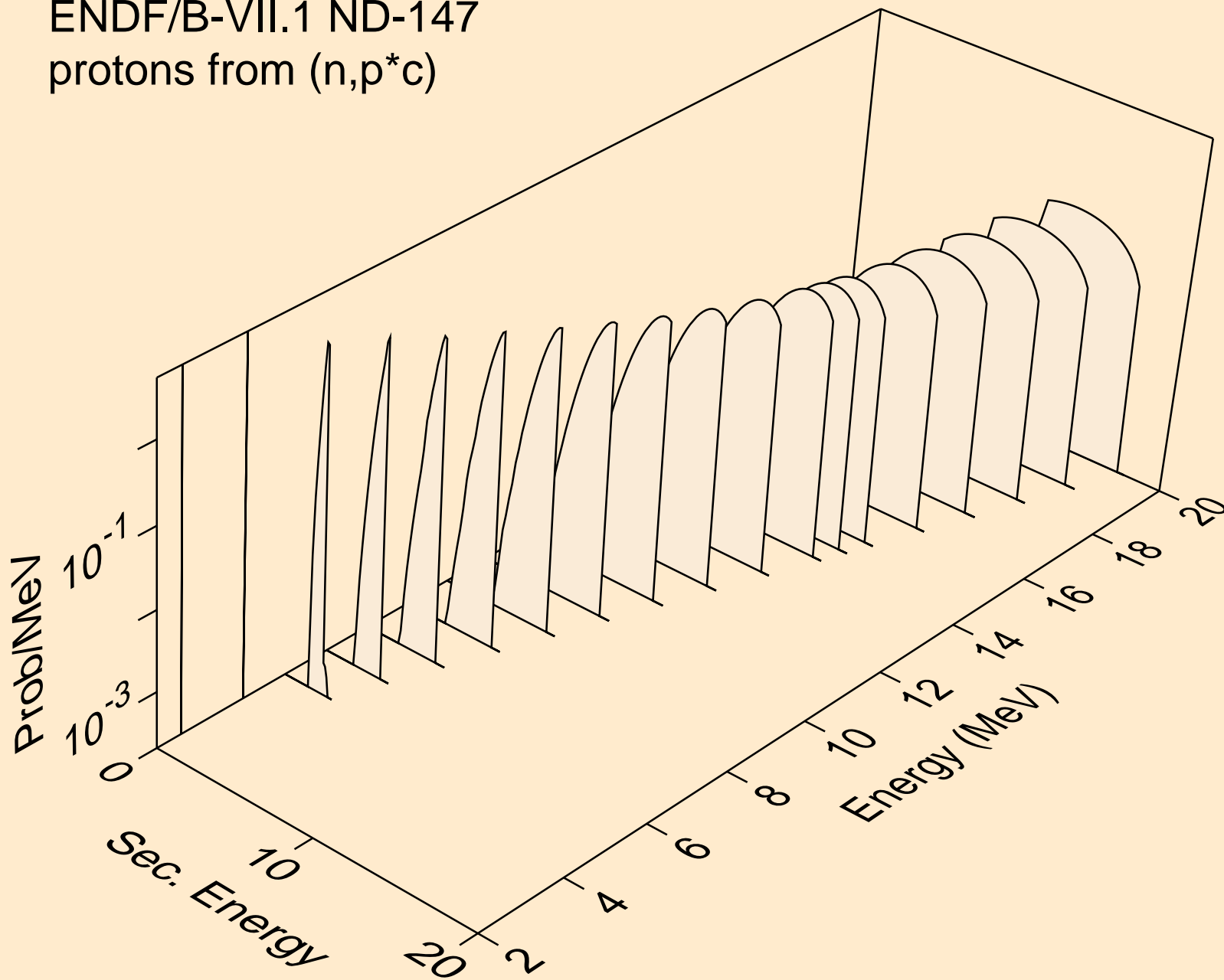
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angular distribution for (n,p*13) proton



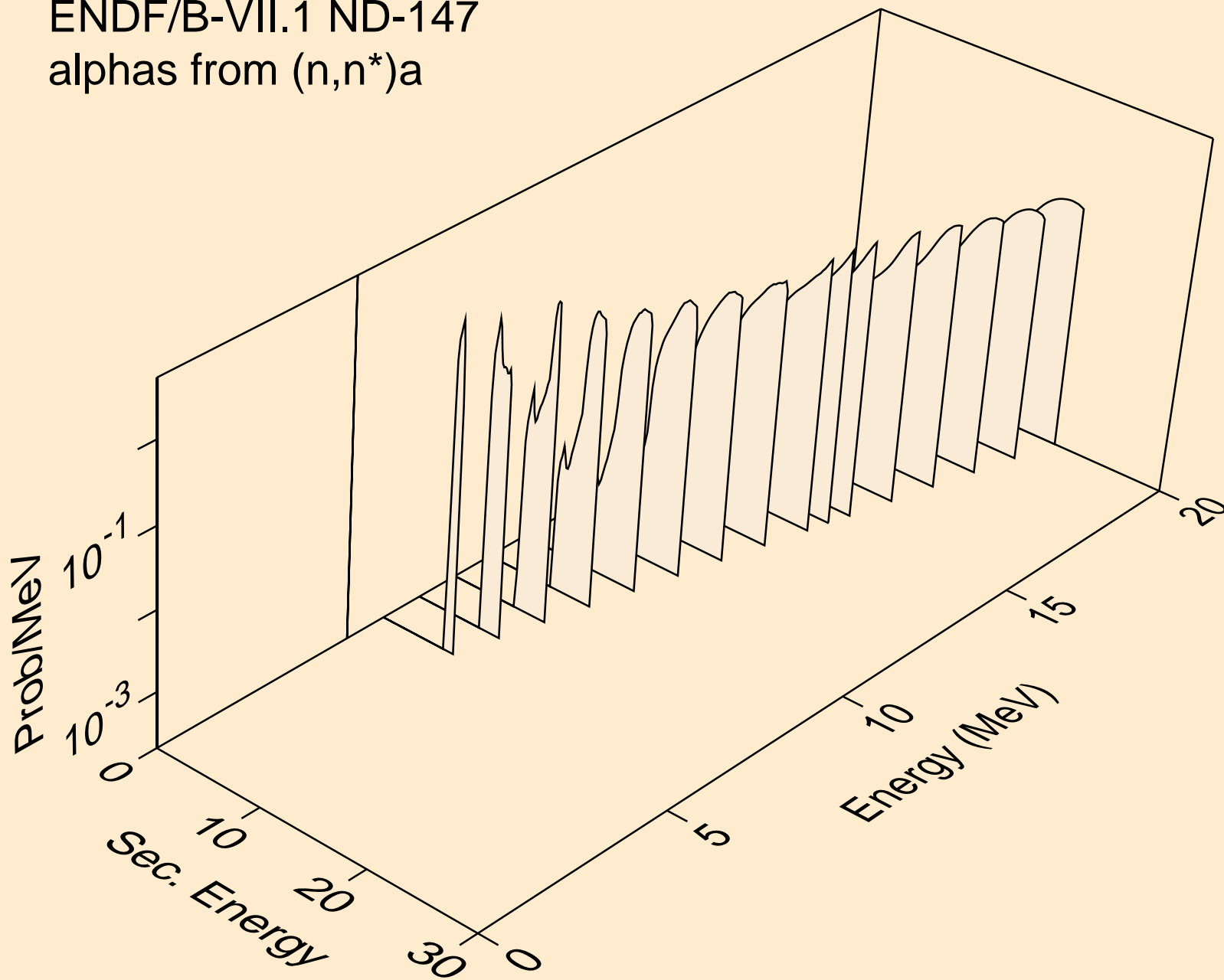
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angular distribution for (n,p*14) proton



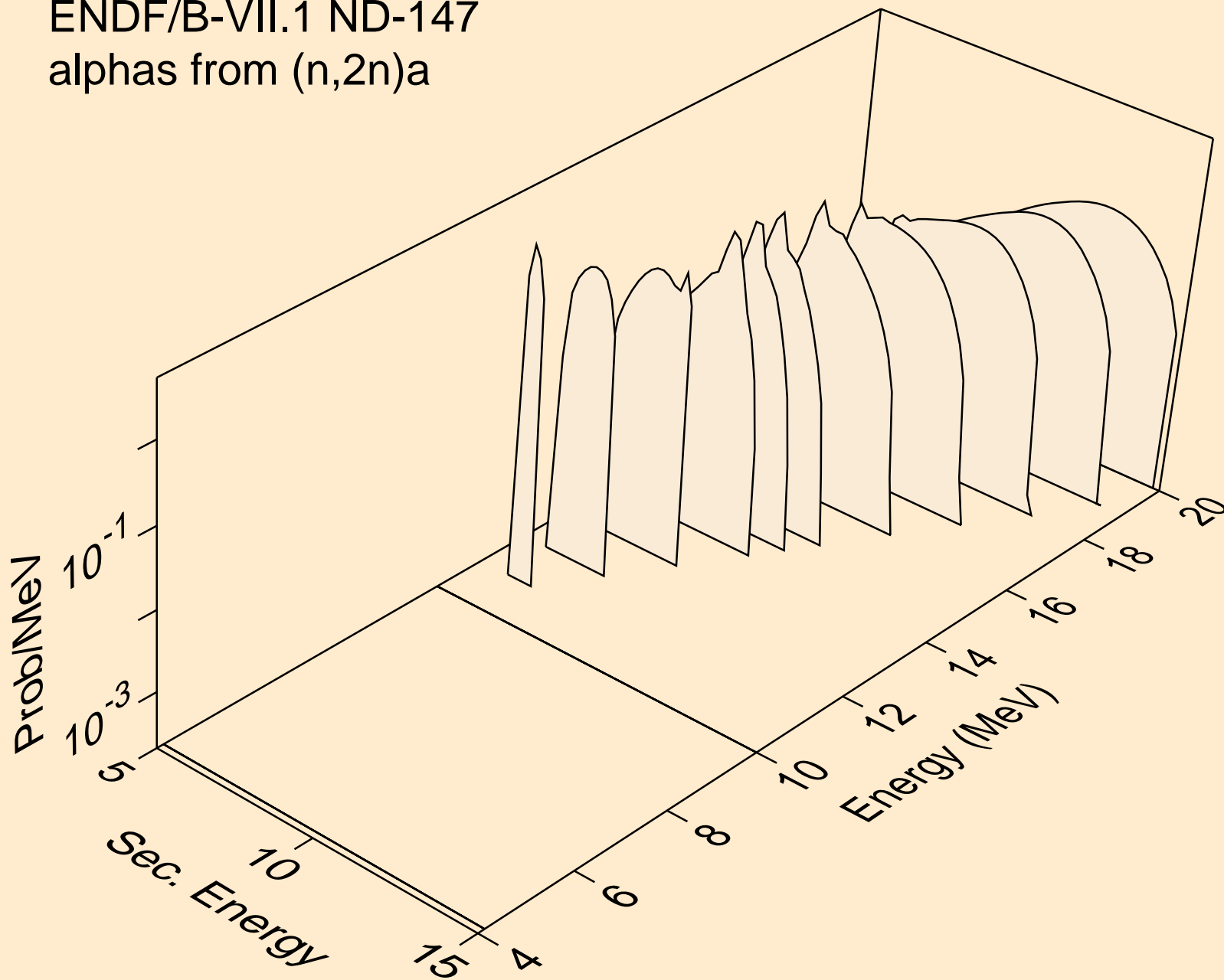
ENDF/B-VII.1 ND-147
protons from (n,p*c)



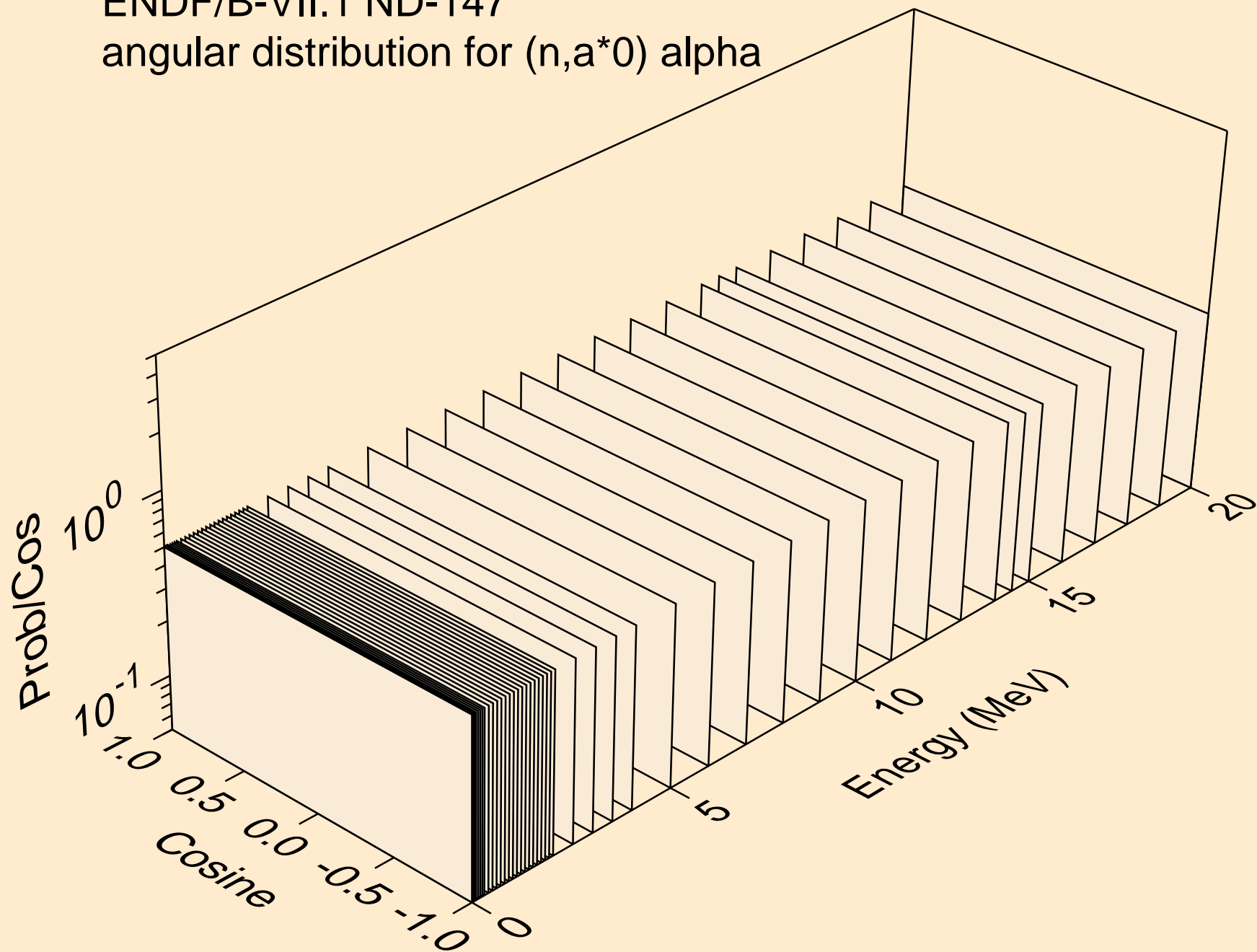
ENDF/B-VII.1 ND-147
alphas from (n,n*)a



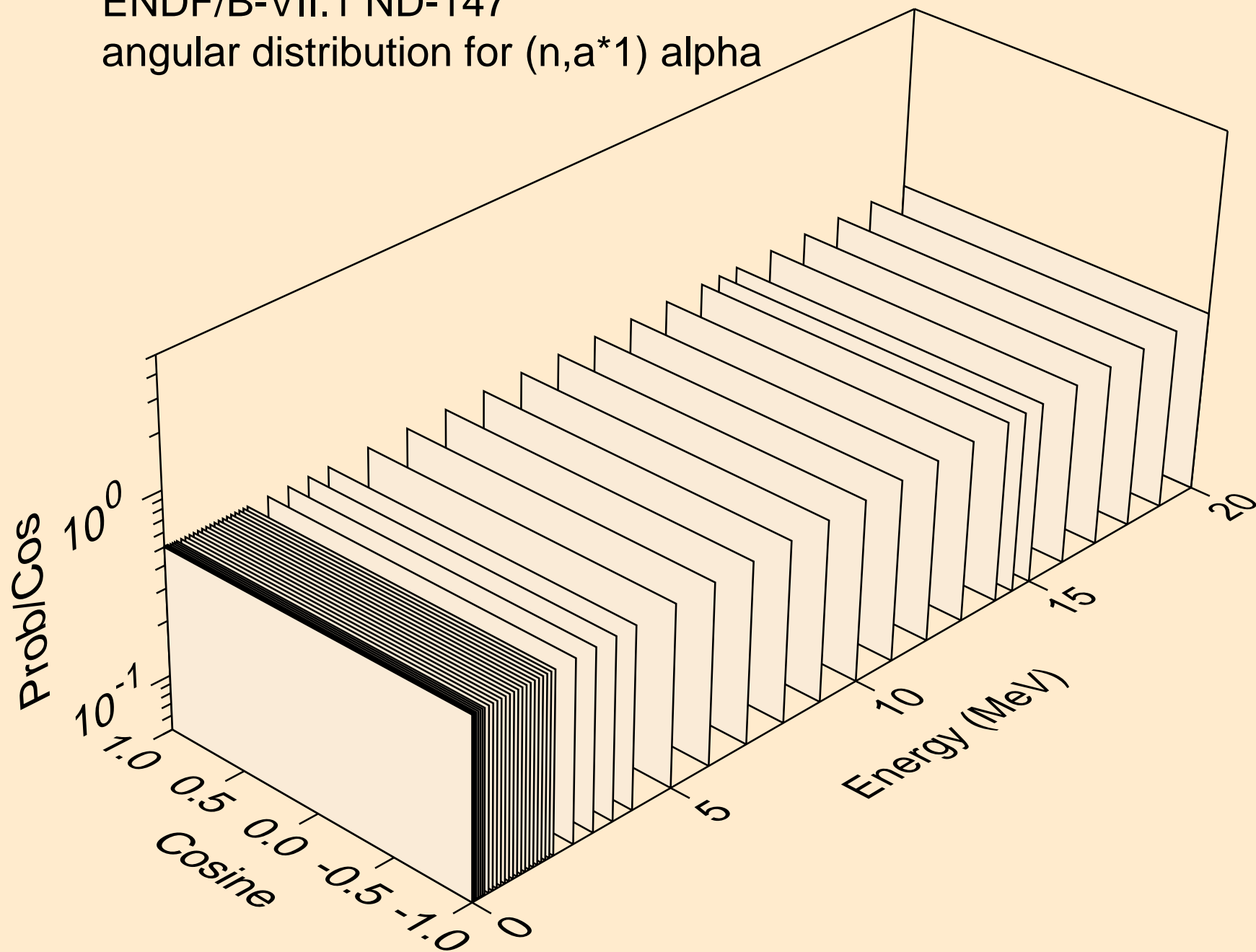
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alphas from (n,2n)a



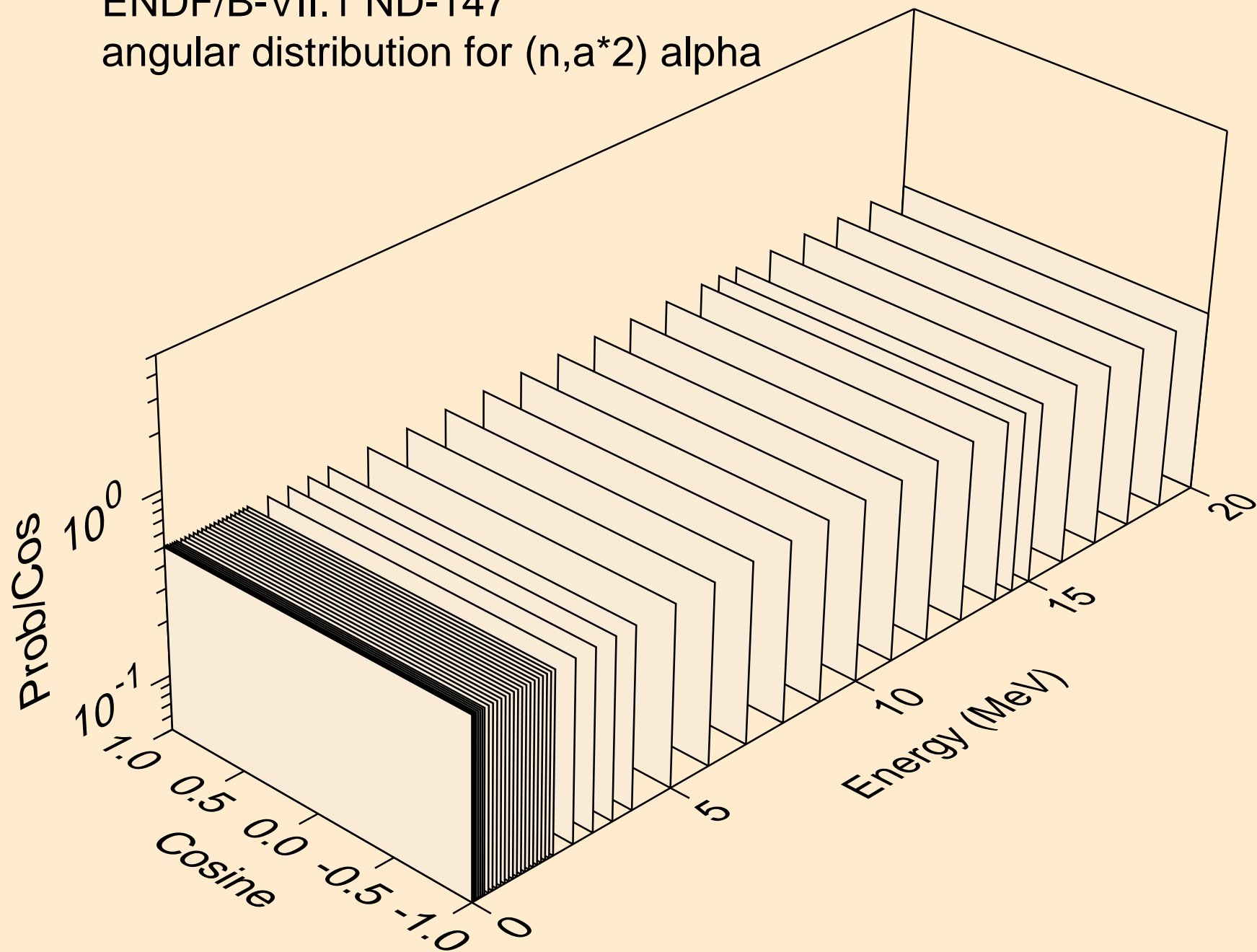
ENDF/B-VII.1 ND-147
angular distribution for (n, α) alpha



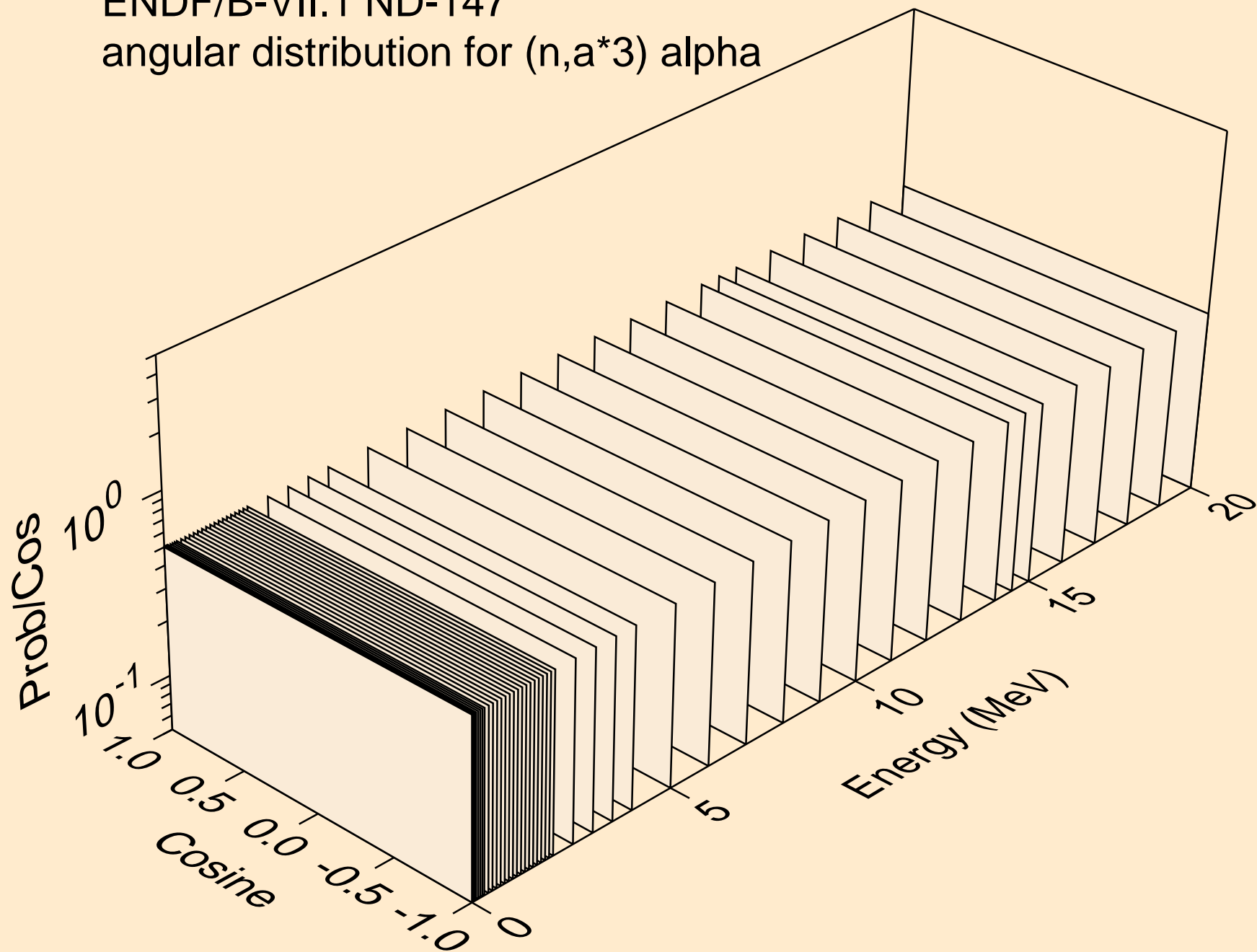
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angular distribution for (n,a*1) alpha



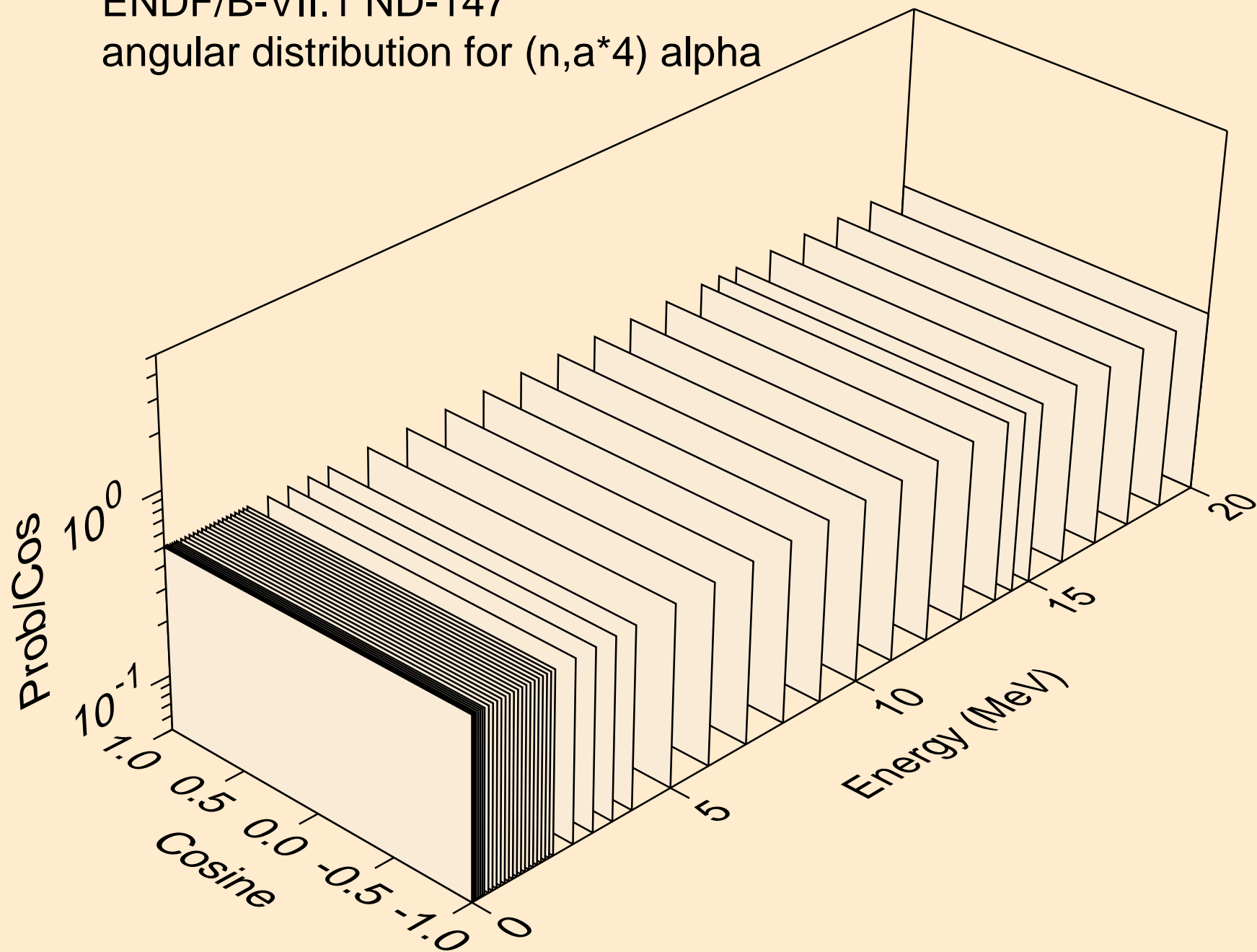
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angular distribution for (n,a*2) alpha



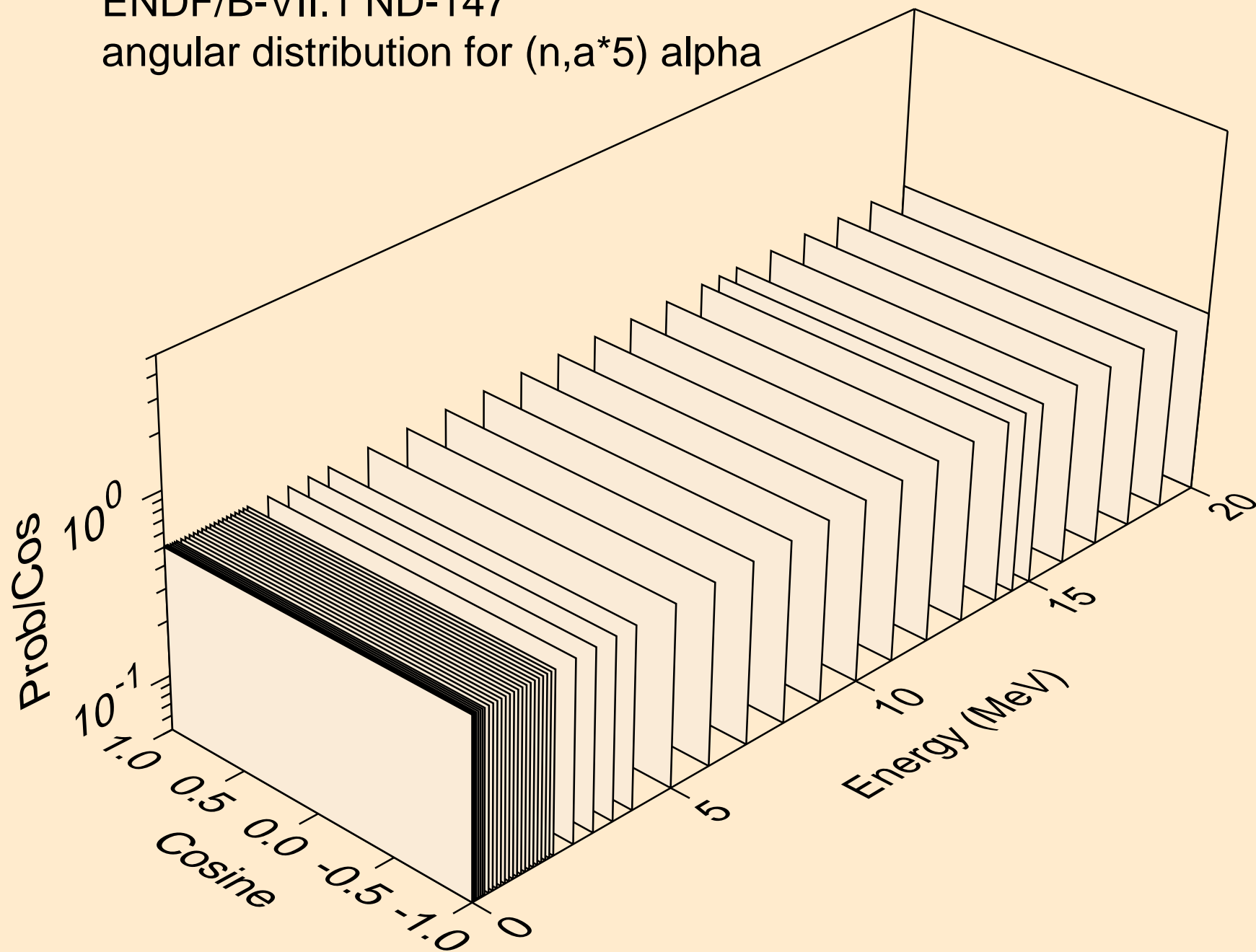
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angular distribution for (n,a*3) alpha



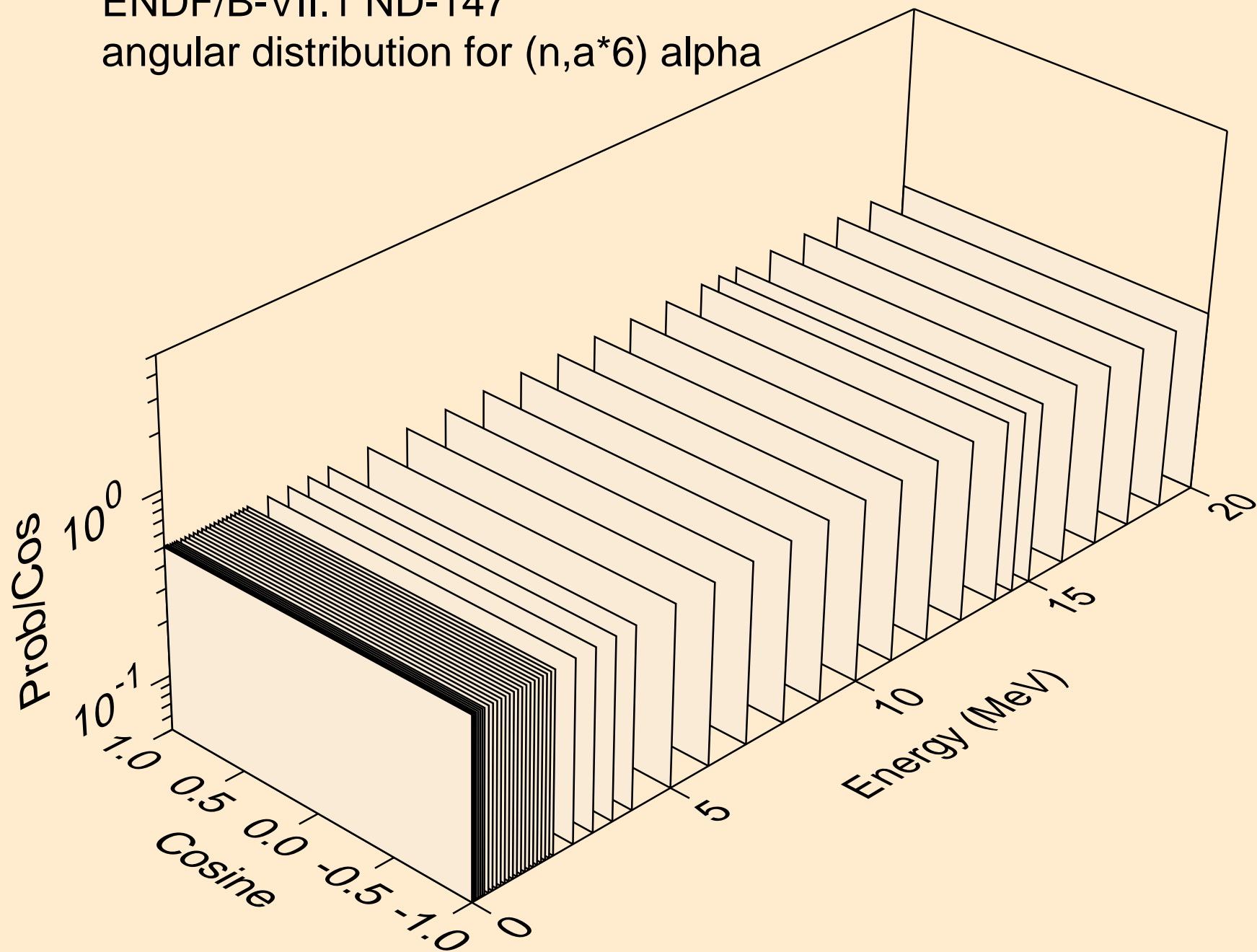
ENDF/B-VII.1 ND-147
angular distribution for (n, α *4) alpha



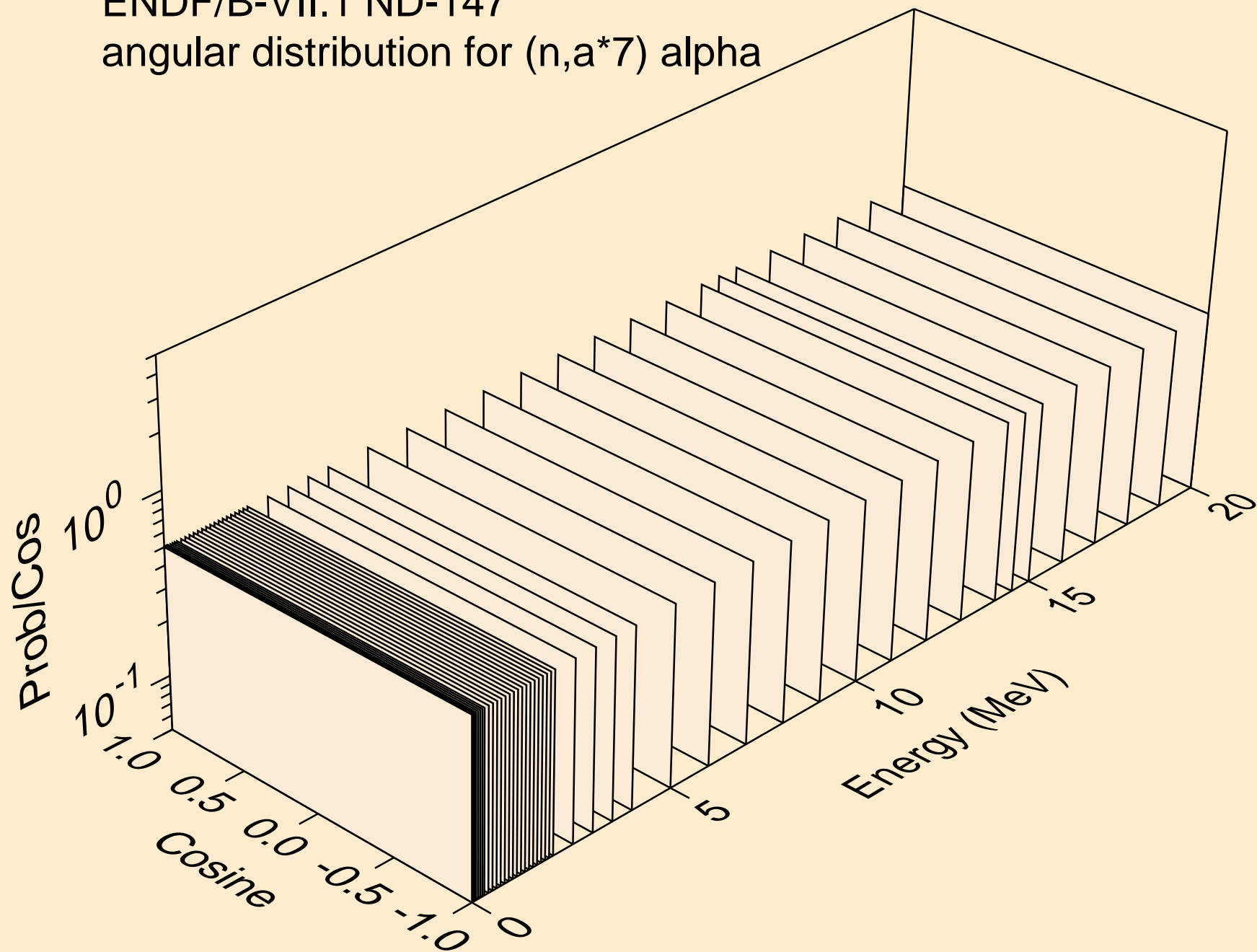
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angular distribution for (n,a*5) alpha



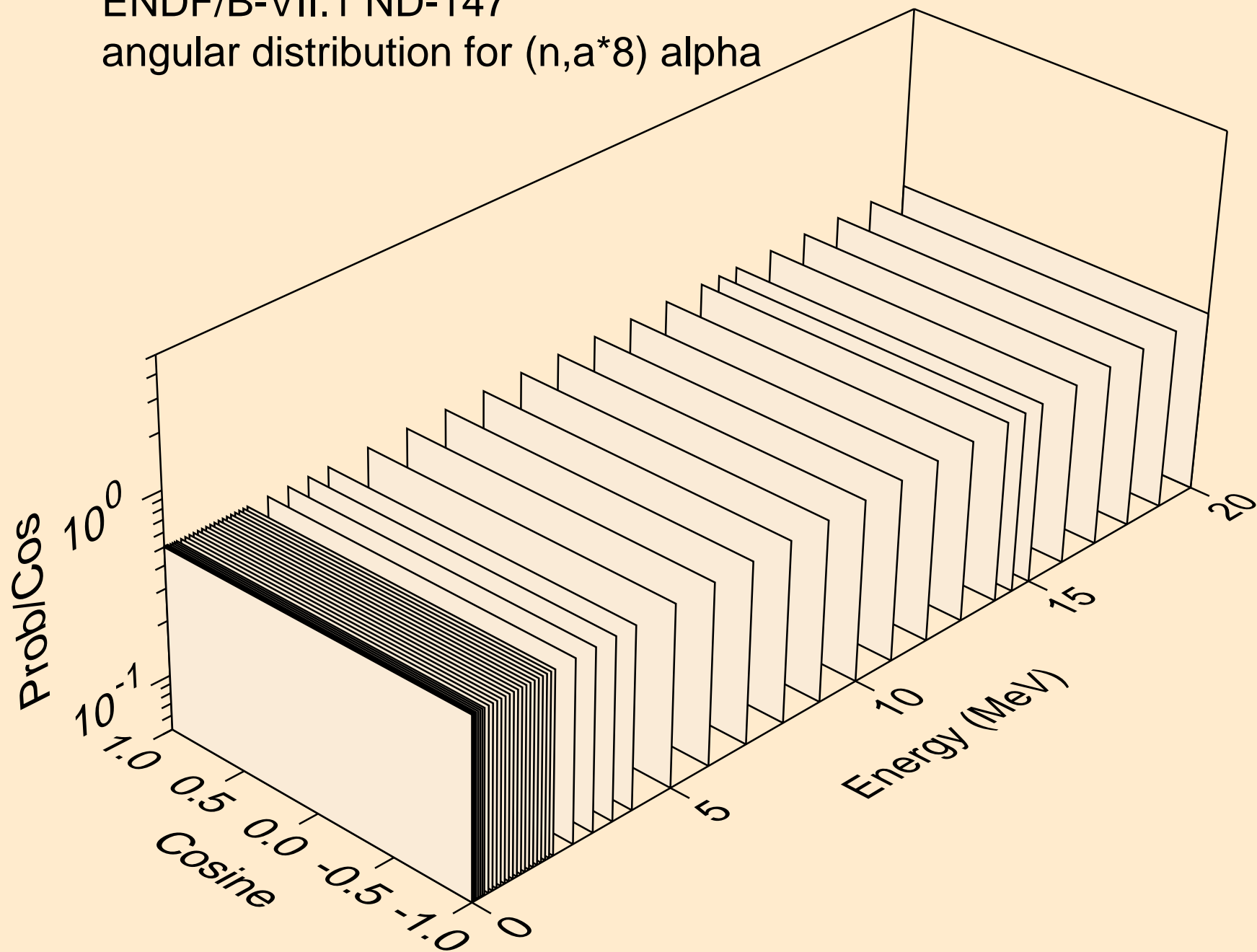
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angular distribution for (n, α *6) alpha



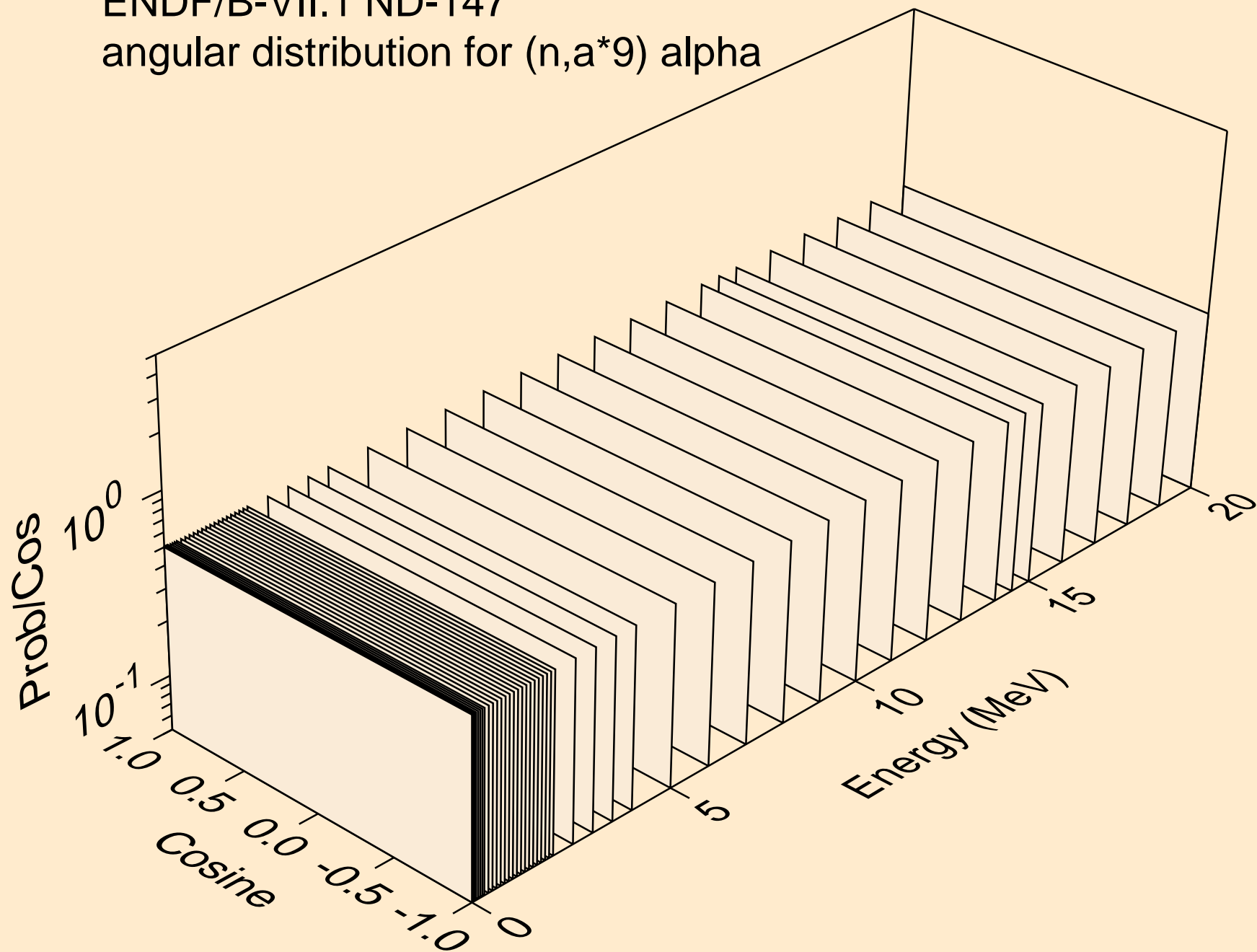
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angular distribution for (n, α *7) alpha



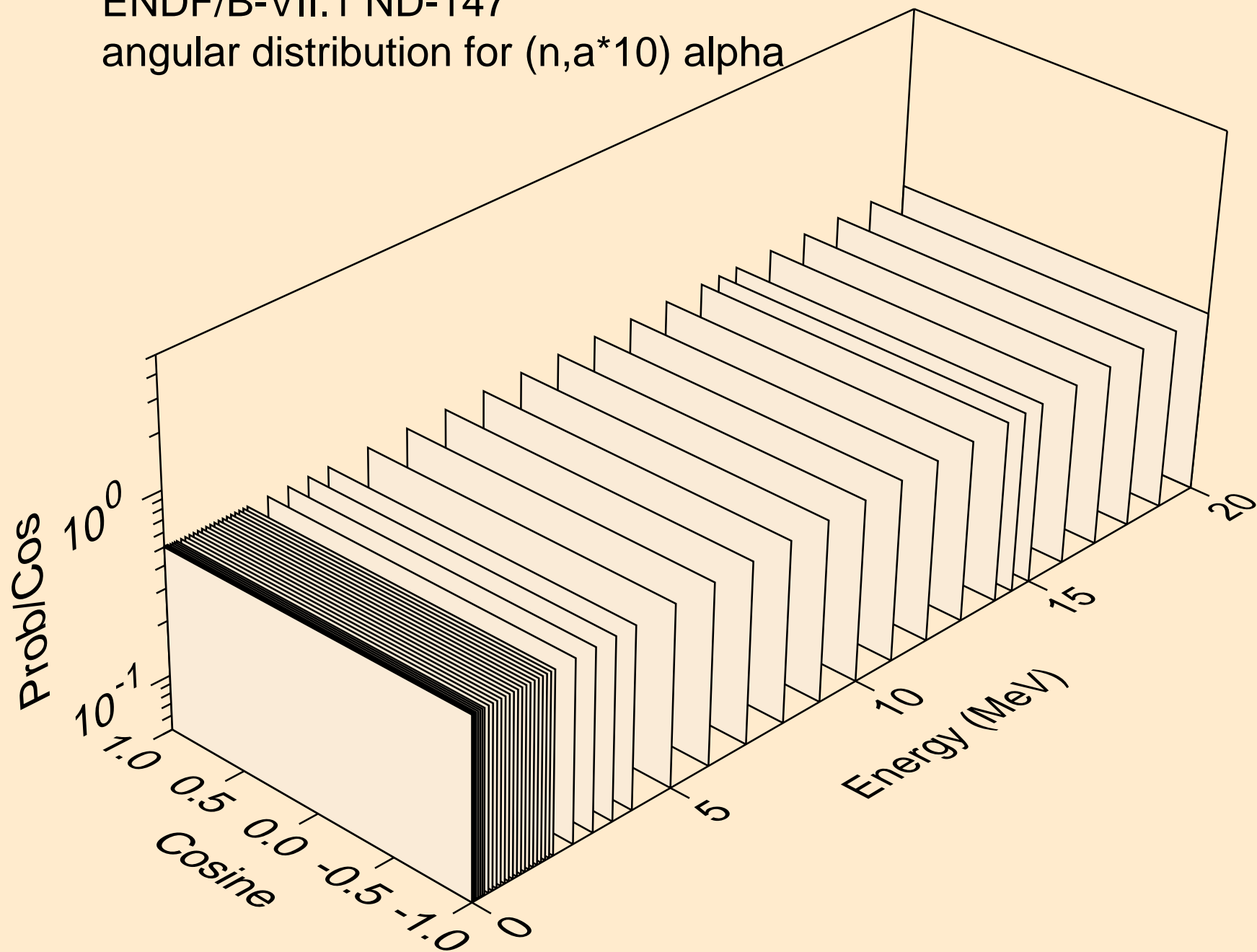
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angular distribution for (n,a*8) alpha



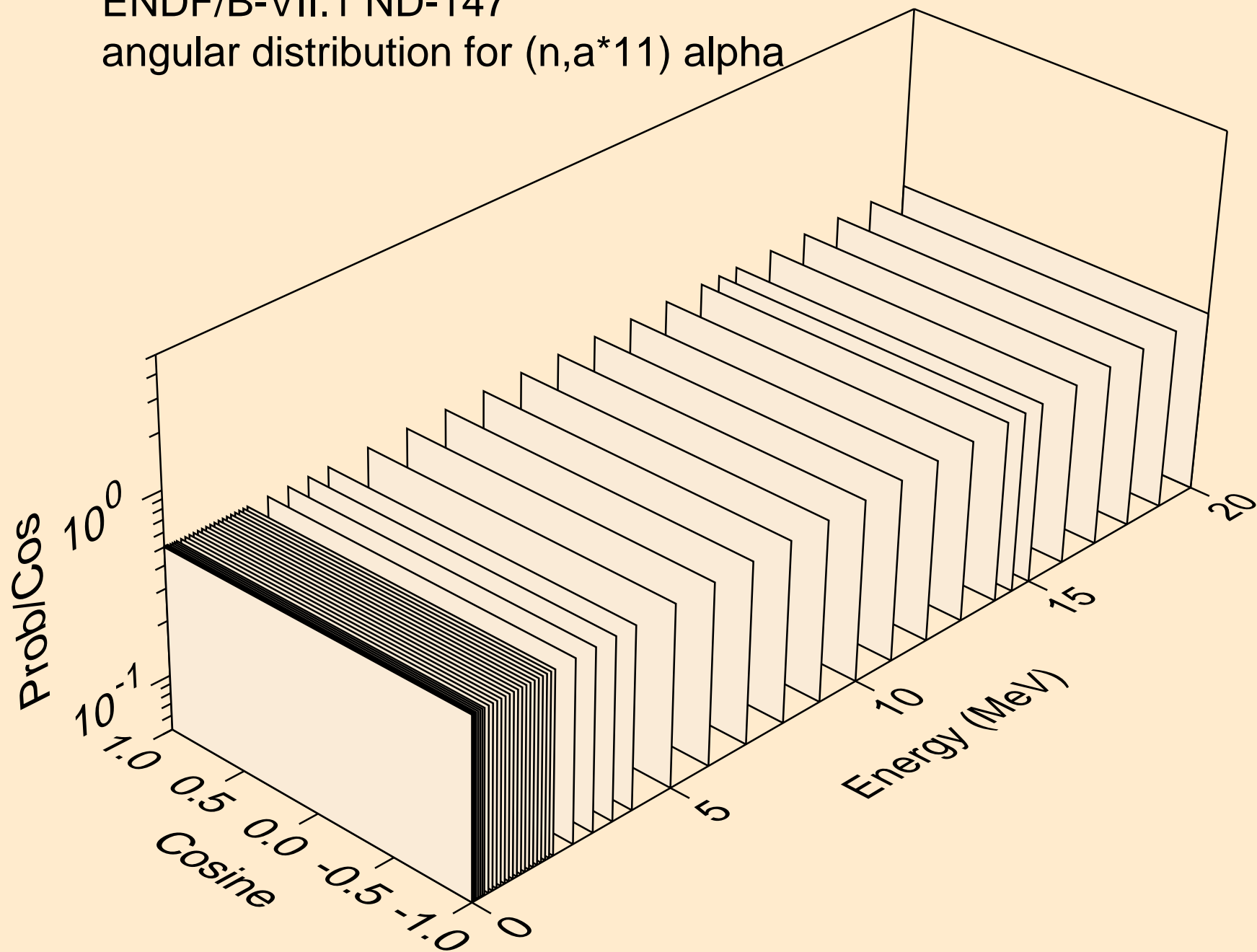
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angular distribution for (n,a*9) alpha



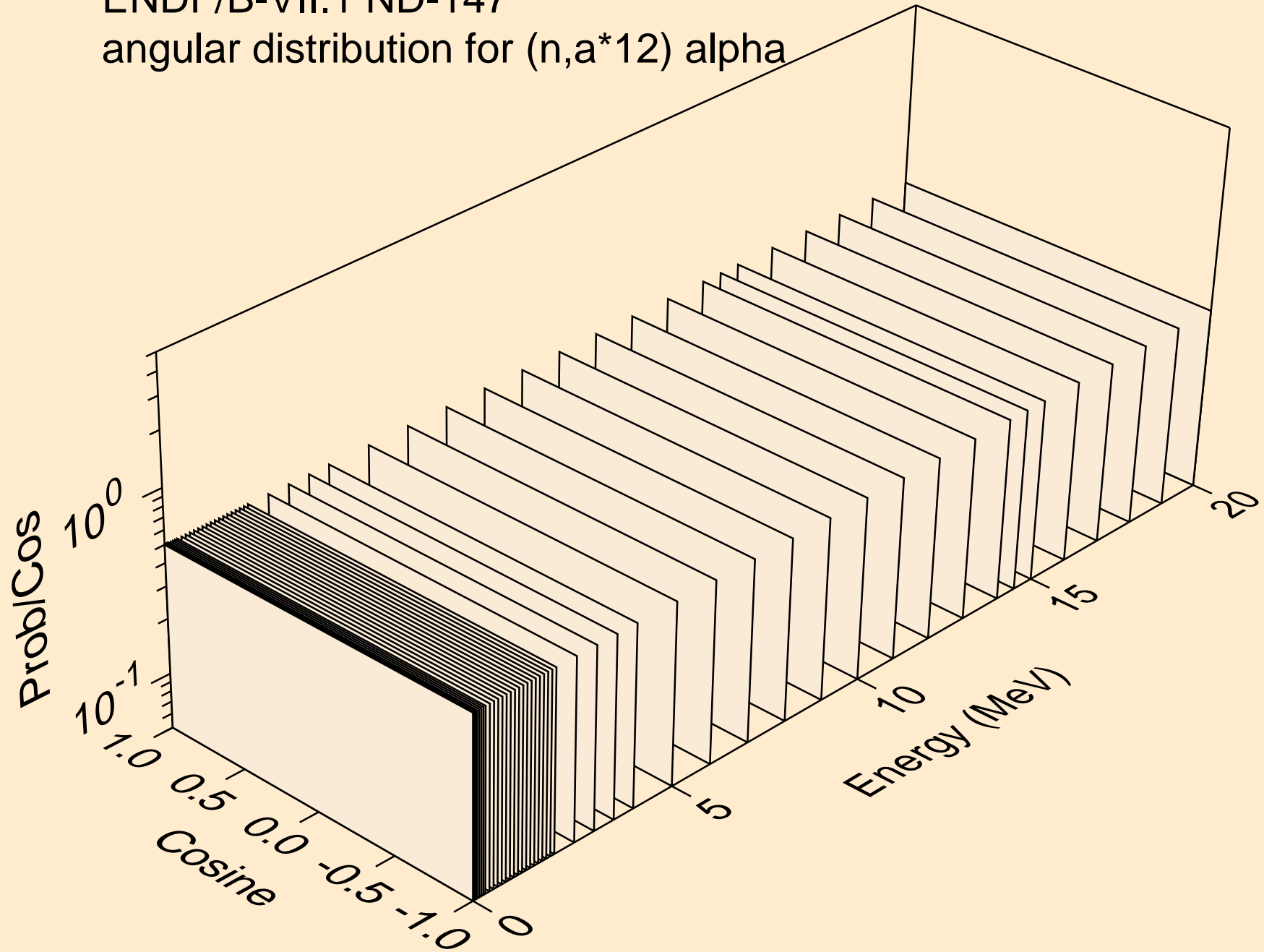
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angular distribution for (n,a*10) alpha



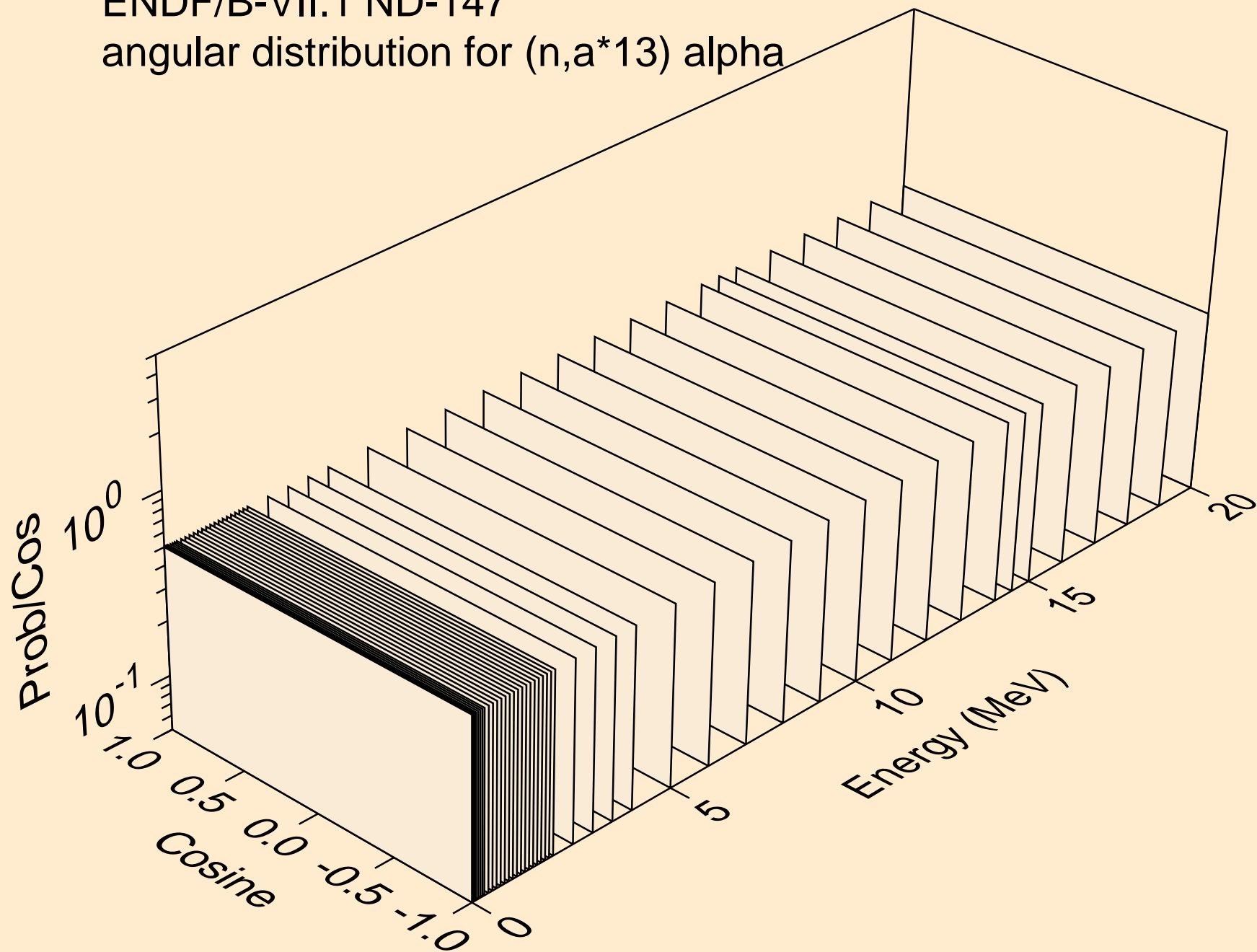
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angular distribution for (n, α *11) alpha



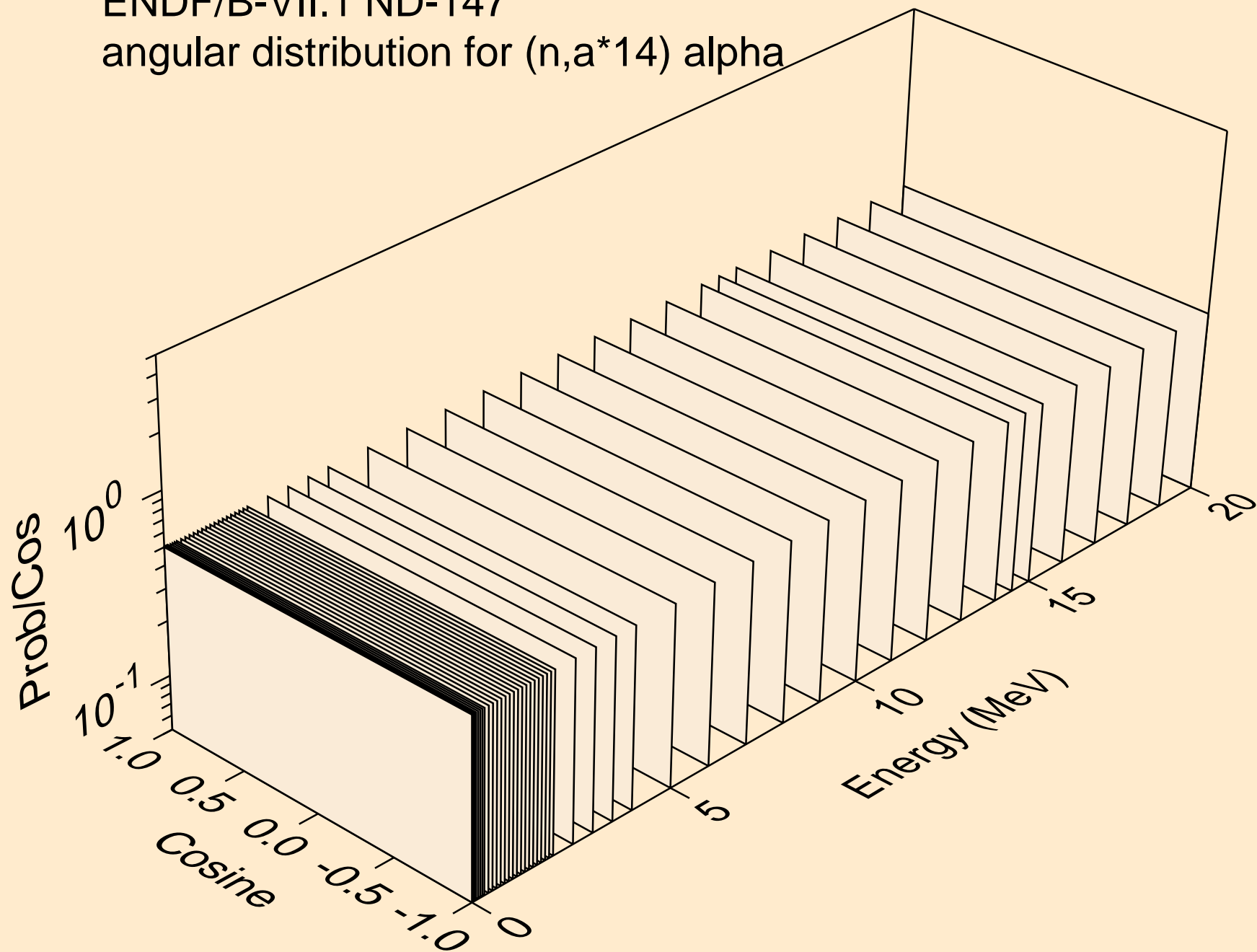
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angular distribution for (n, α *12) alpha



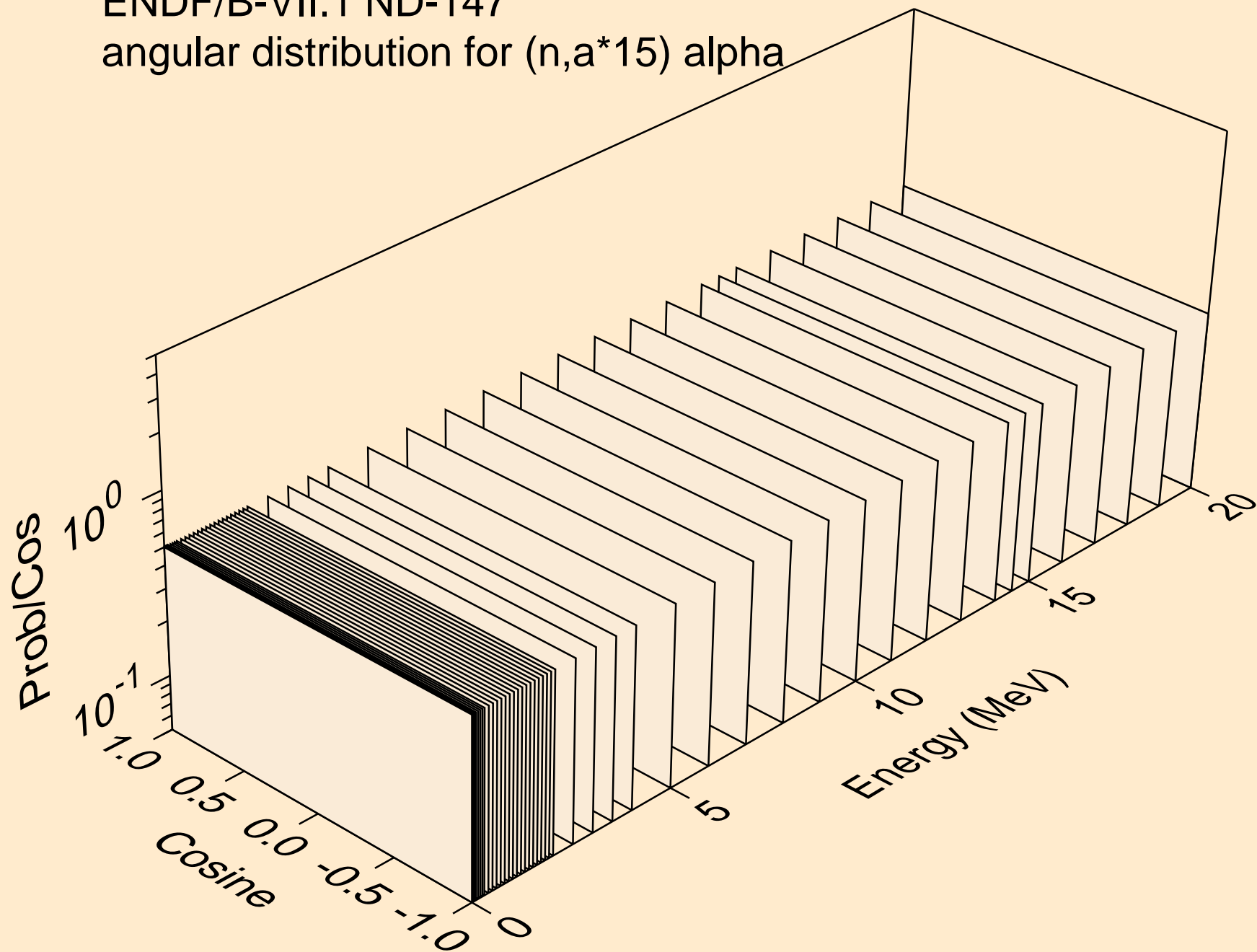
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angular distribution for (n, α *13) alpha



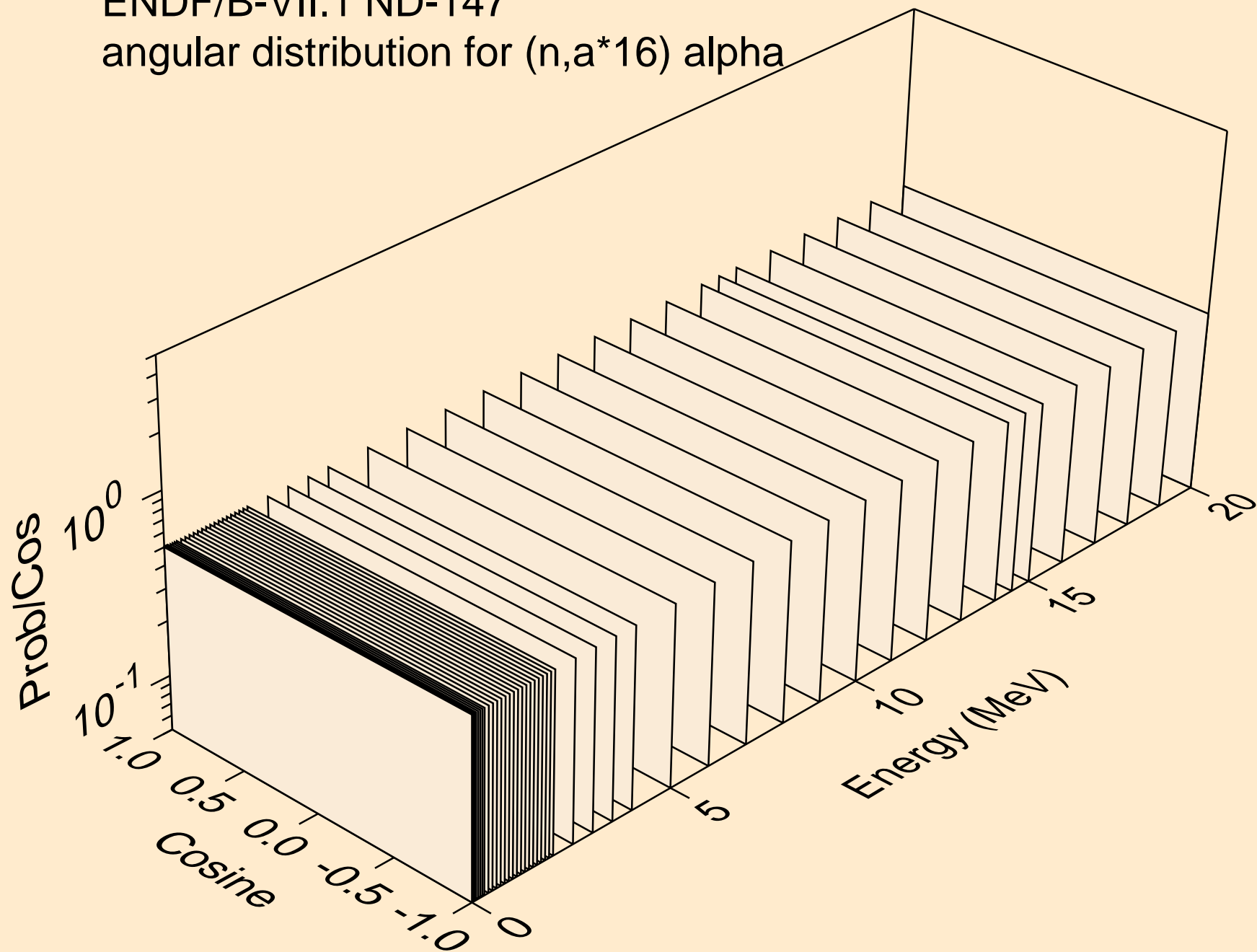
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angular distribution for (n, α *14) alpha



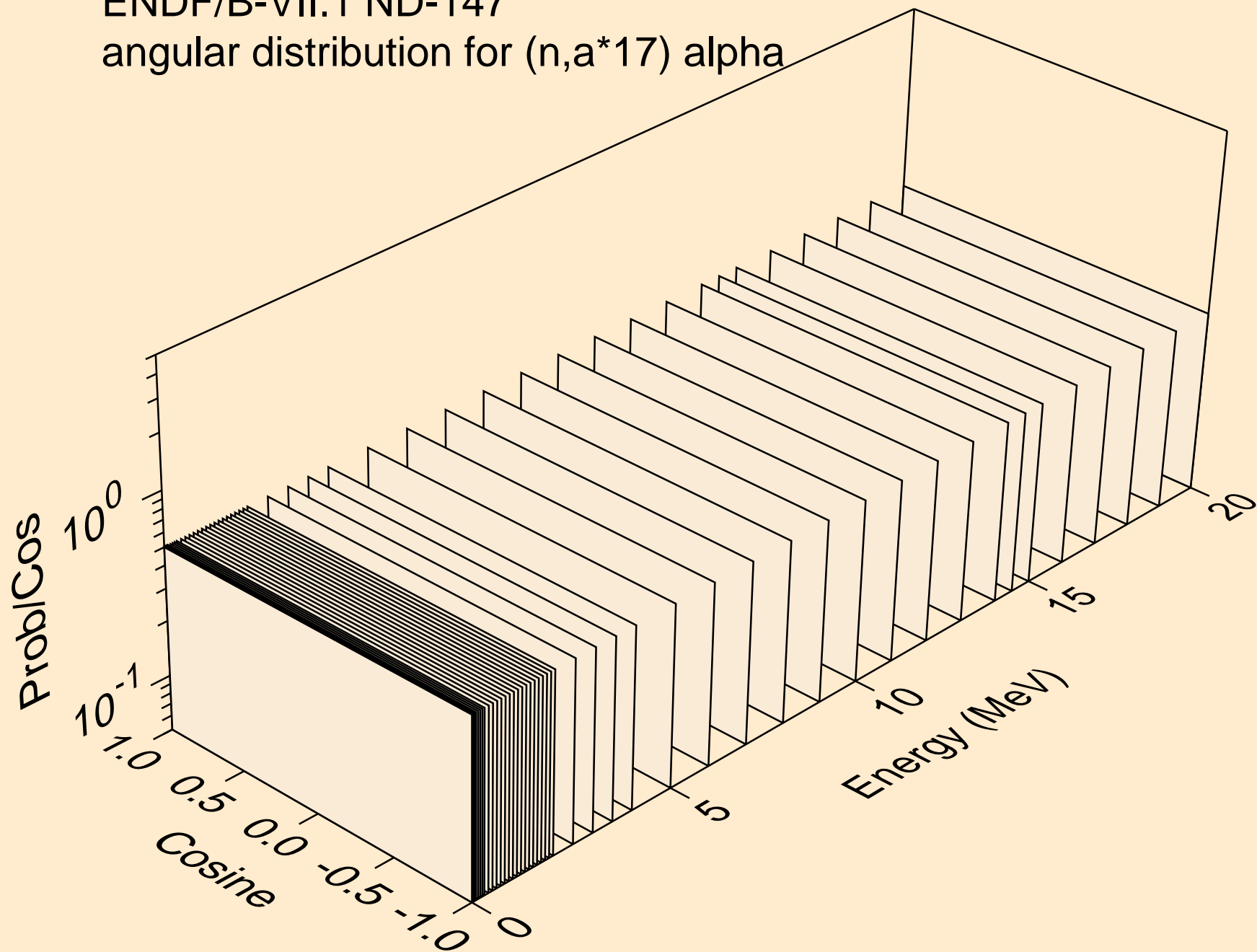
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angular distribution for (n, α *15) alpha



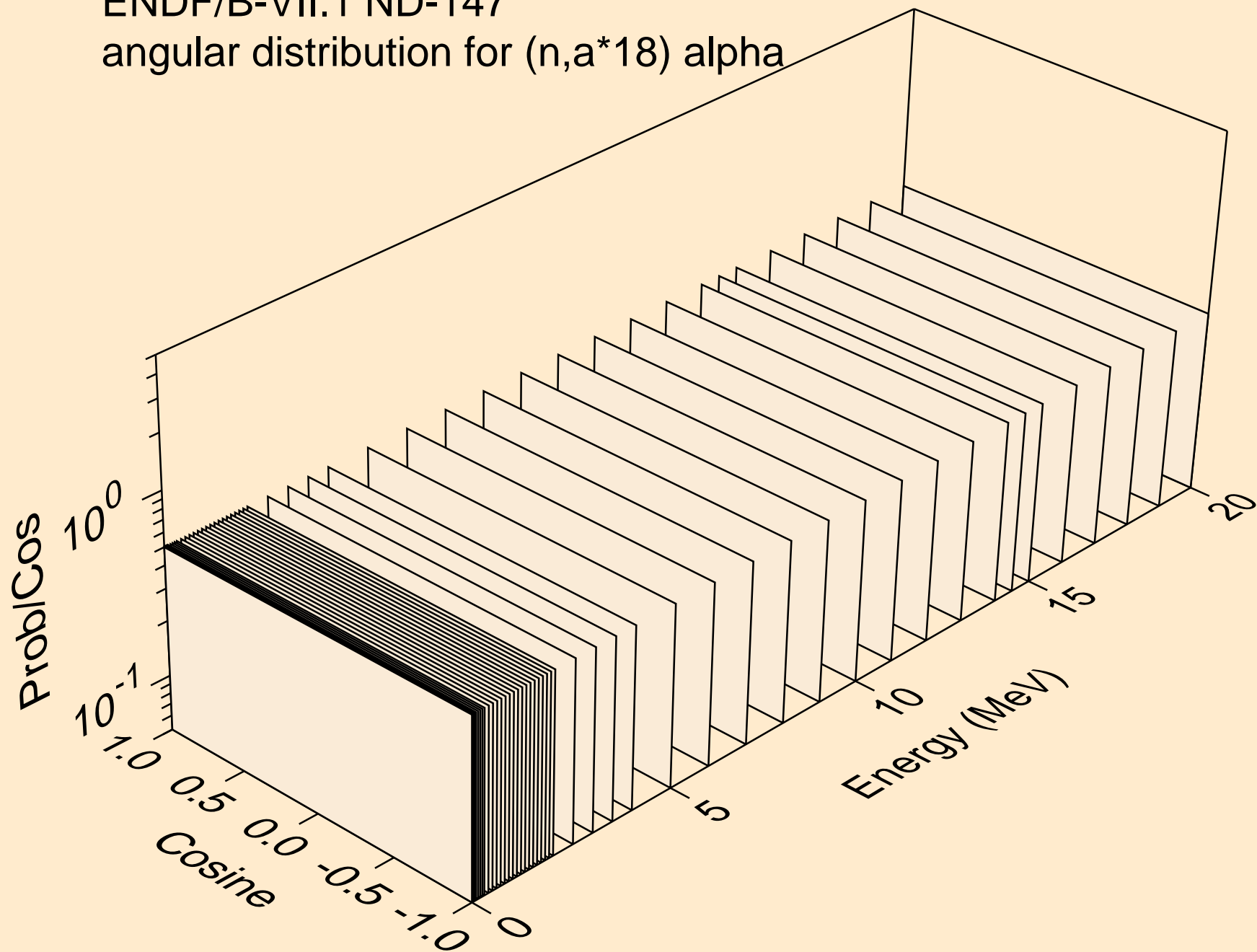
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angular distribution for (n, α *16) alpha



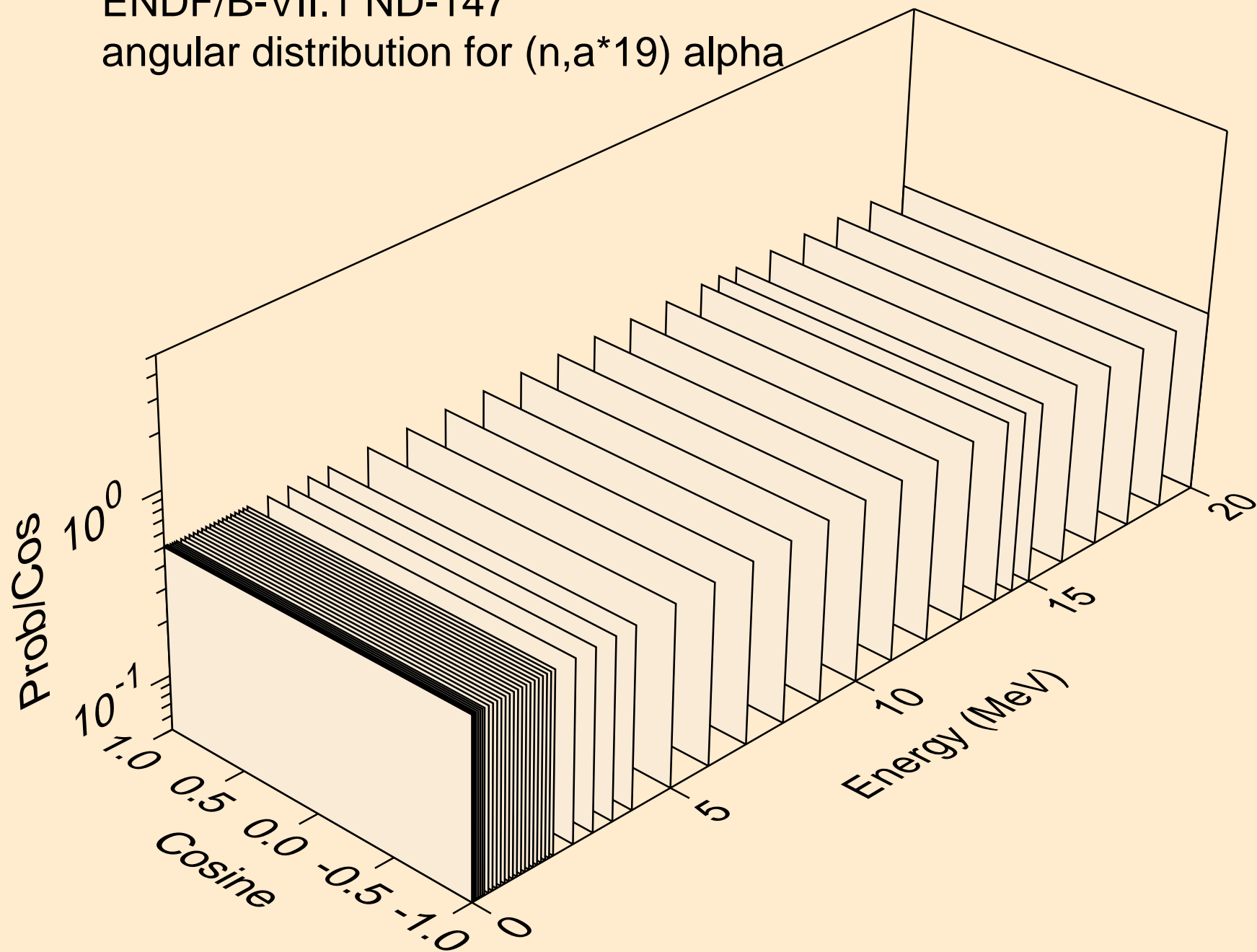
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angular distribution for (n, α *17) alpha



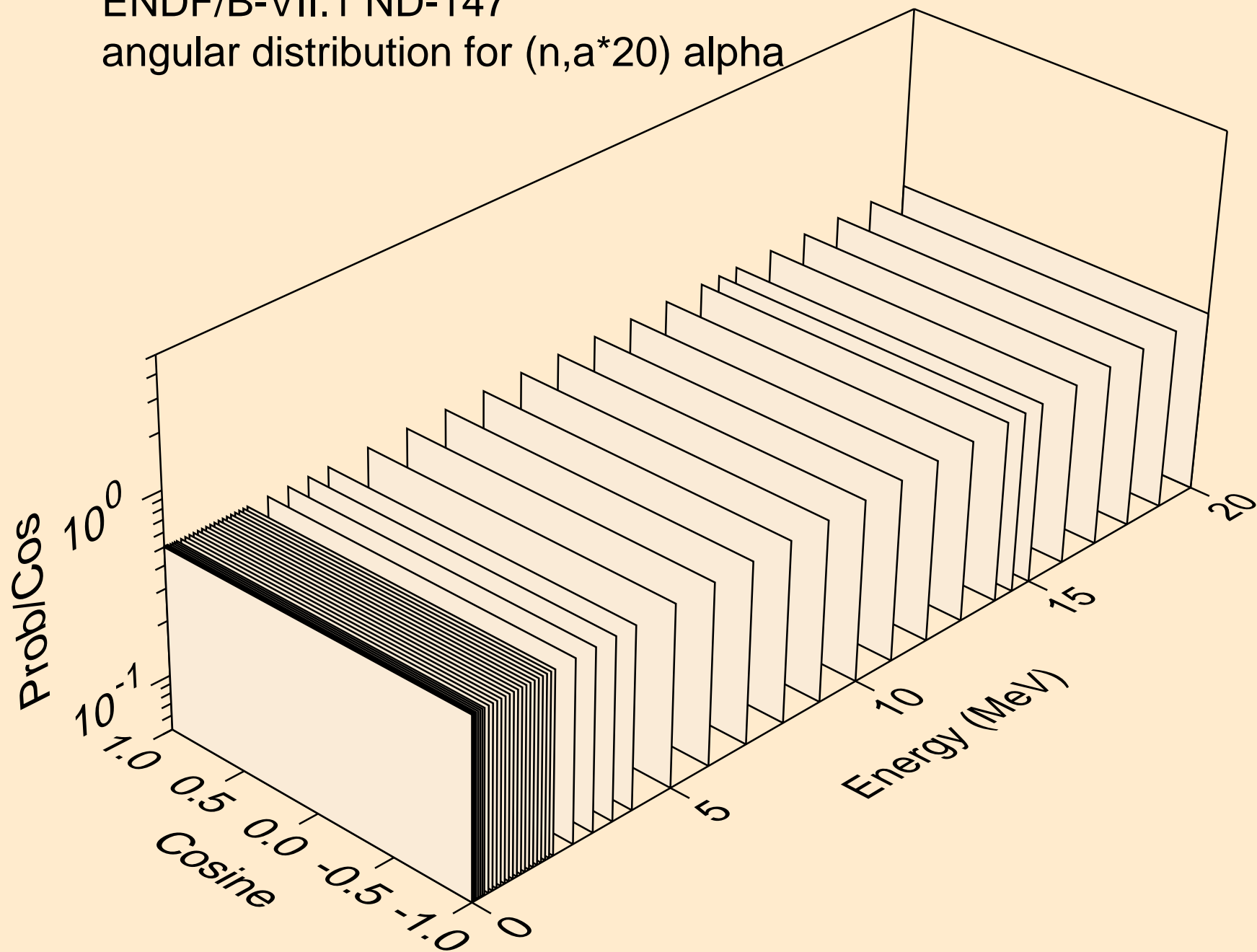
ENDF/B-VII.1 ND-147
angular distribution for (n, α *18) alpha



ENDF/B-VII.1 ND-147
angular distribution for (n, α *19) alpha



ENDF/B-VII.1 ND-147
angular distribution for (n, α *20) alpha



ENDF/B-VII.1 ND-147
alphas from (n,a*c)

