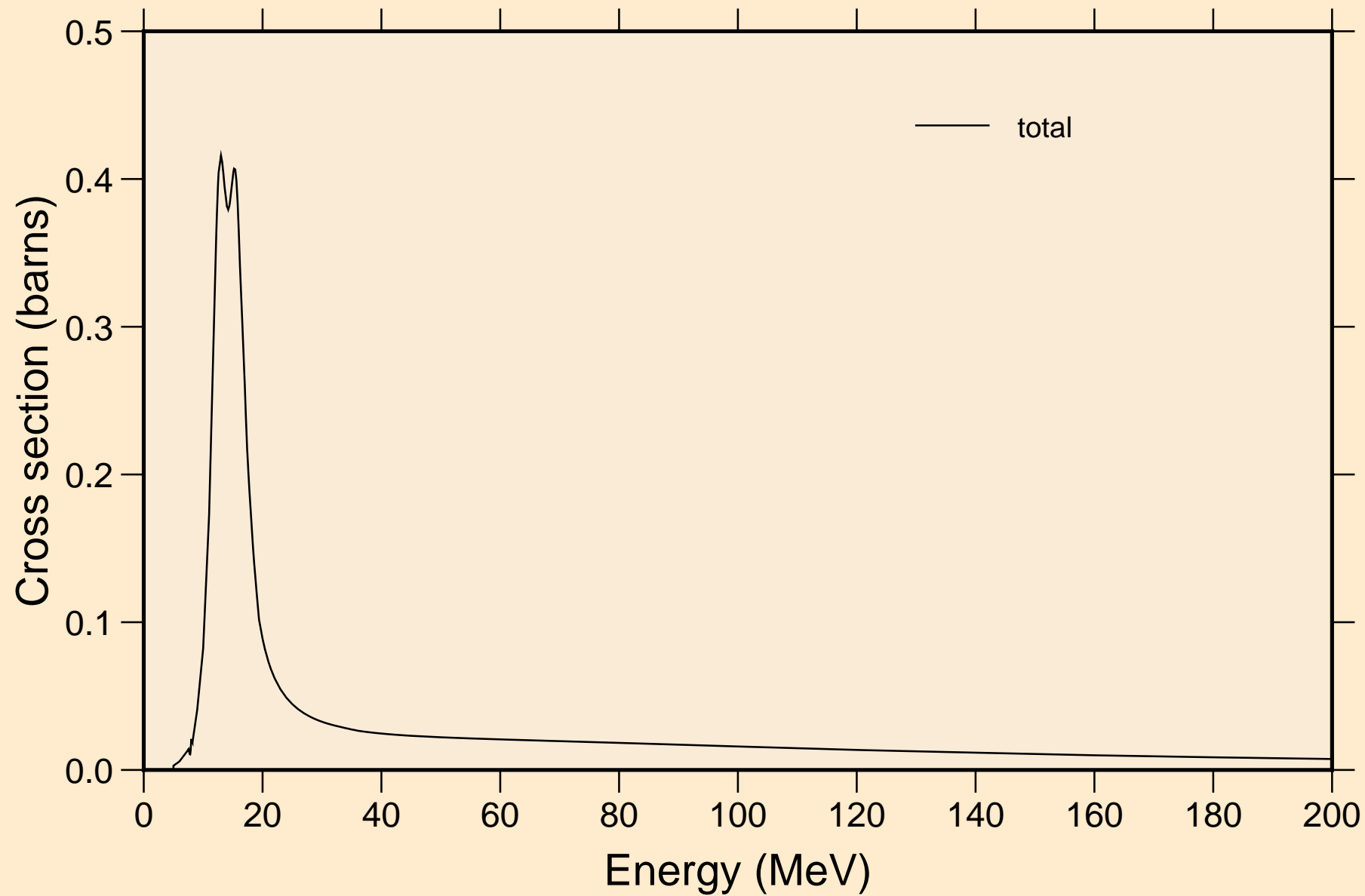


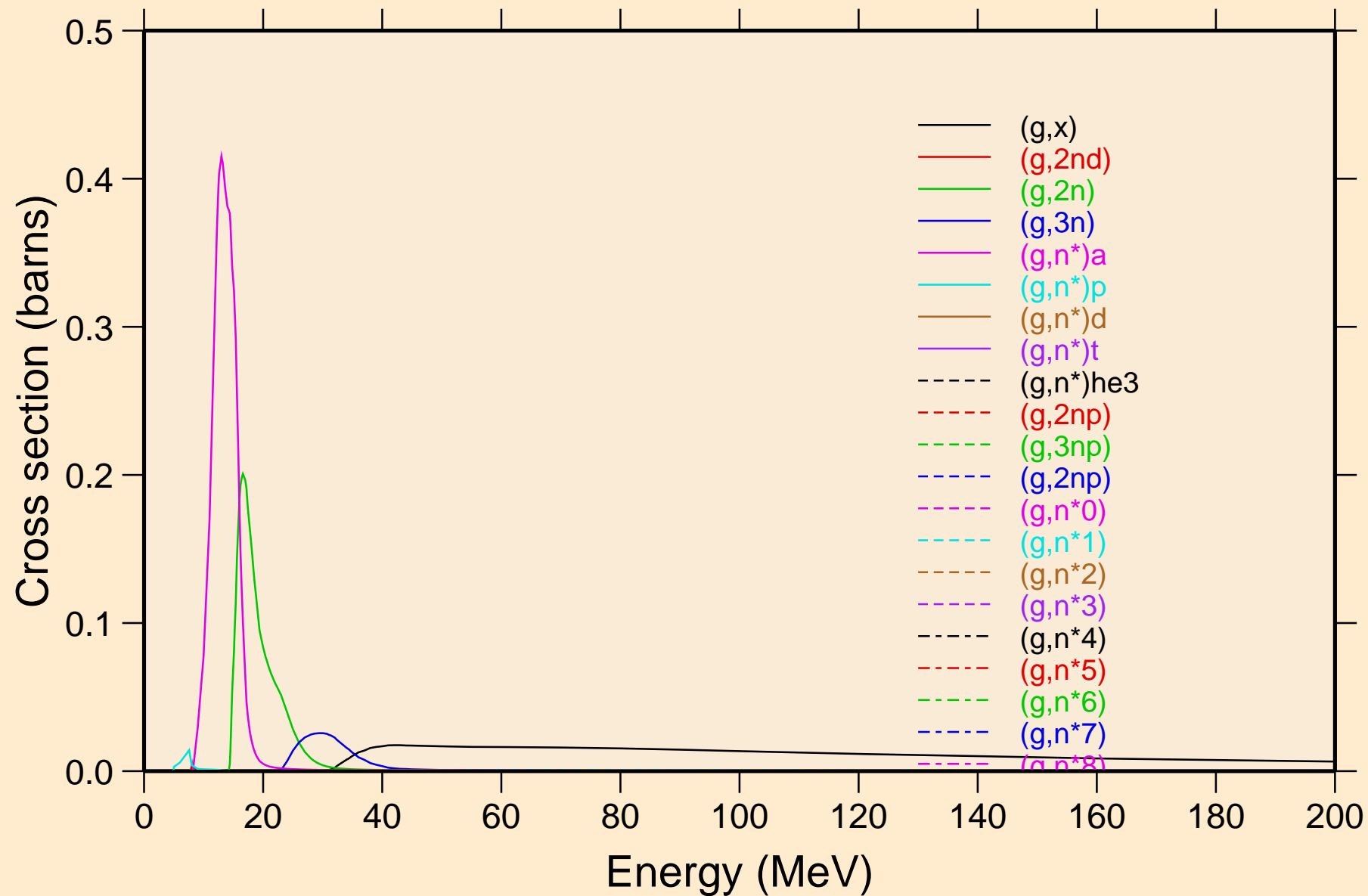
ACE TA181-G EMPIRE

Principal cross sections



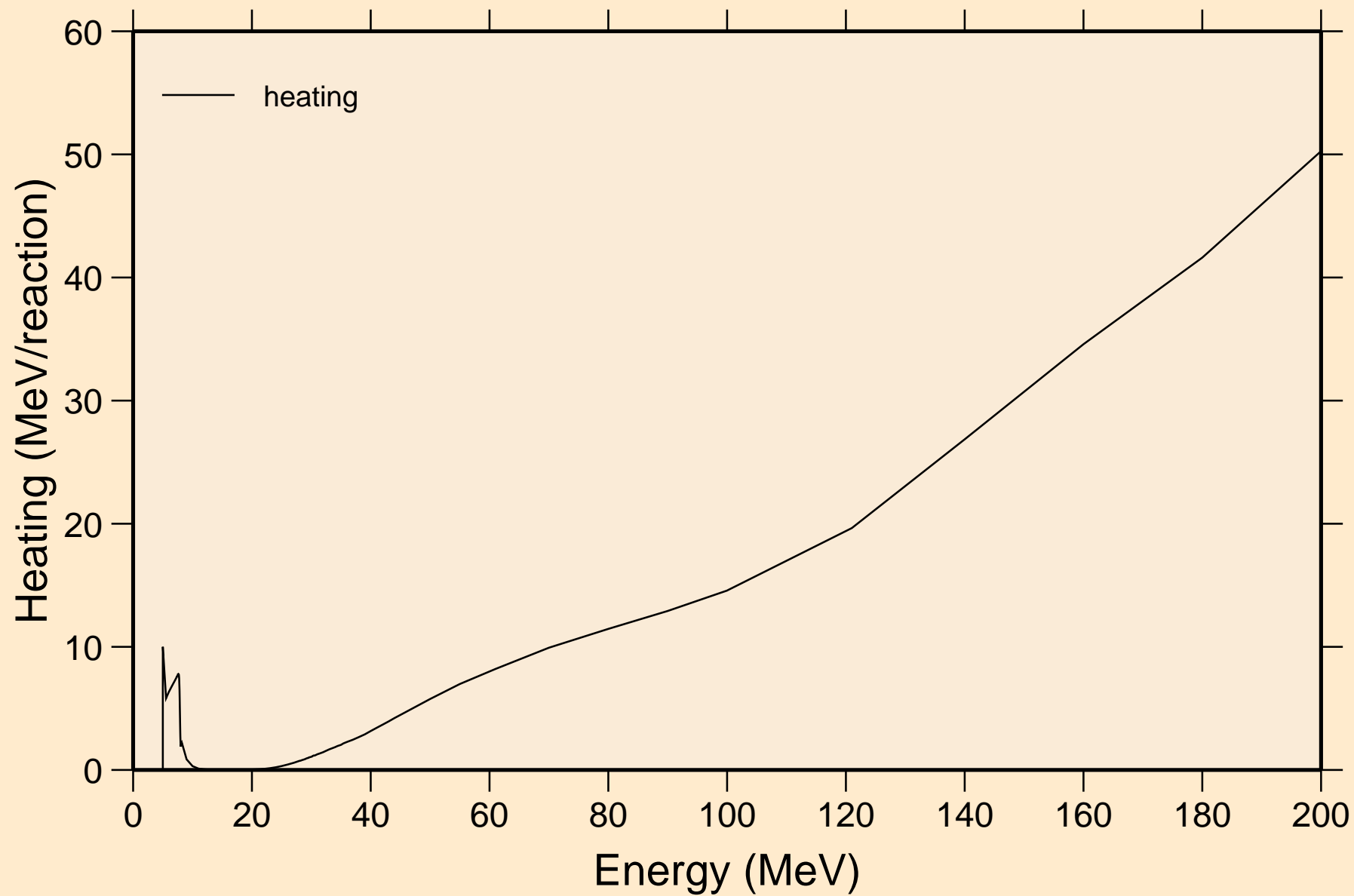
ACE TA181-G EMPIRE

Partial cross sections



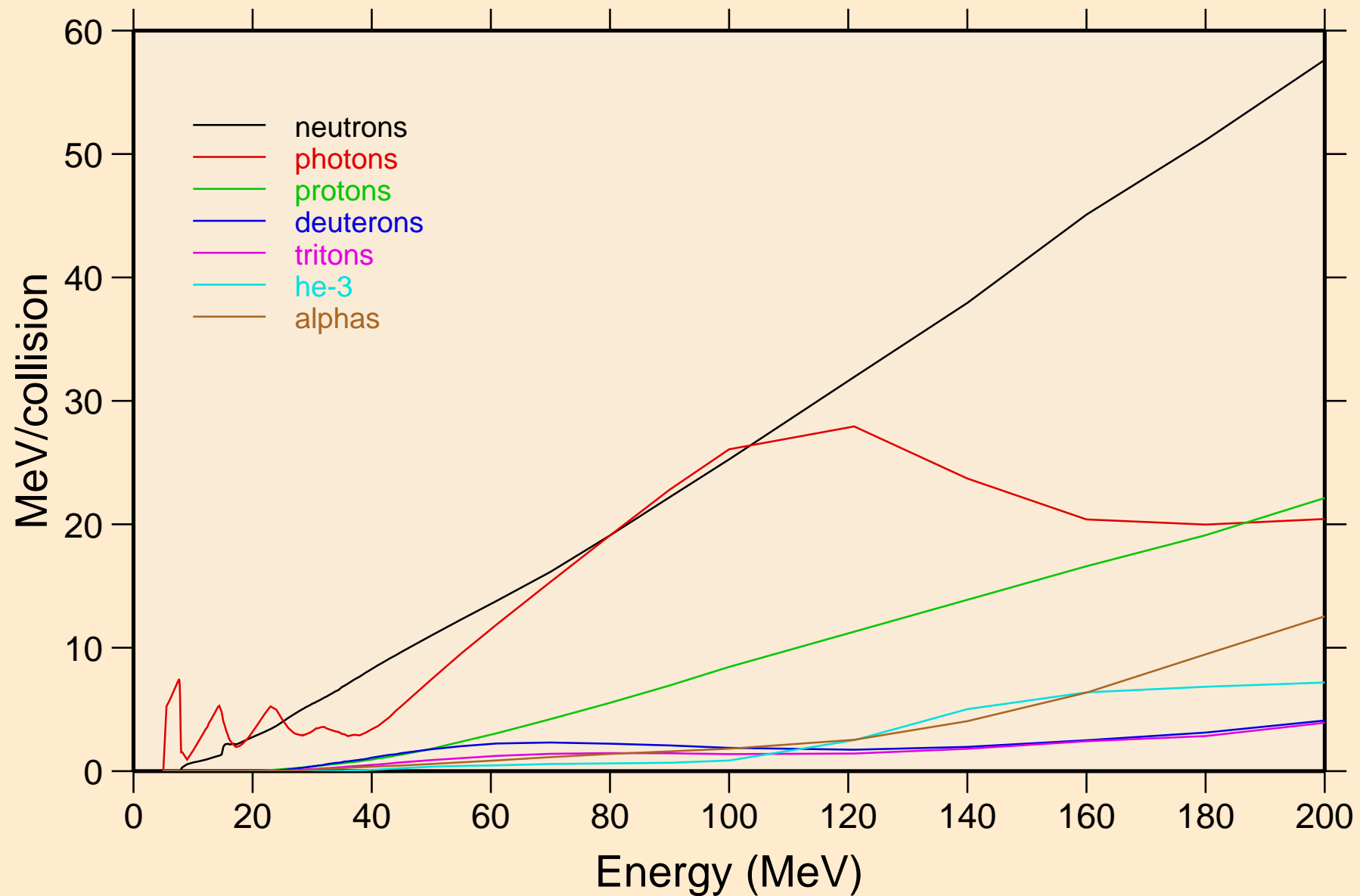
ACE TA181-G EMPIRE

Heating



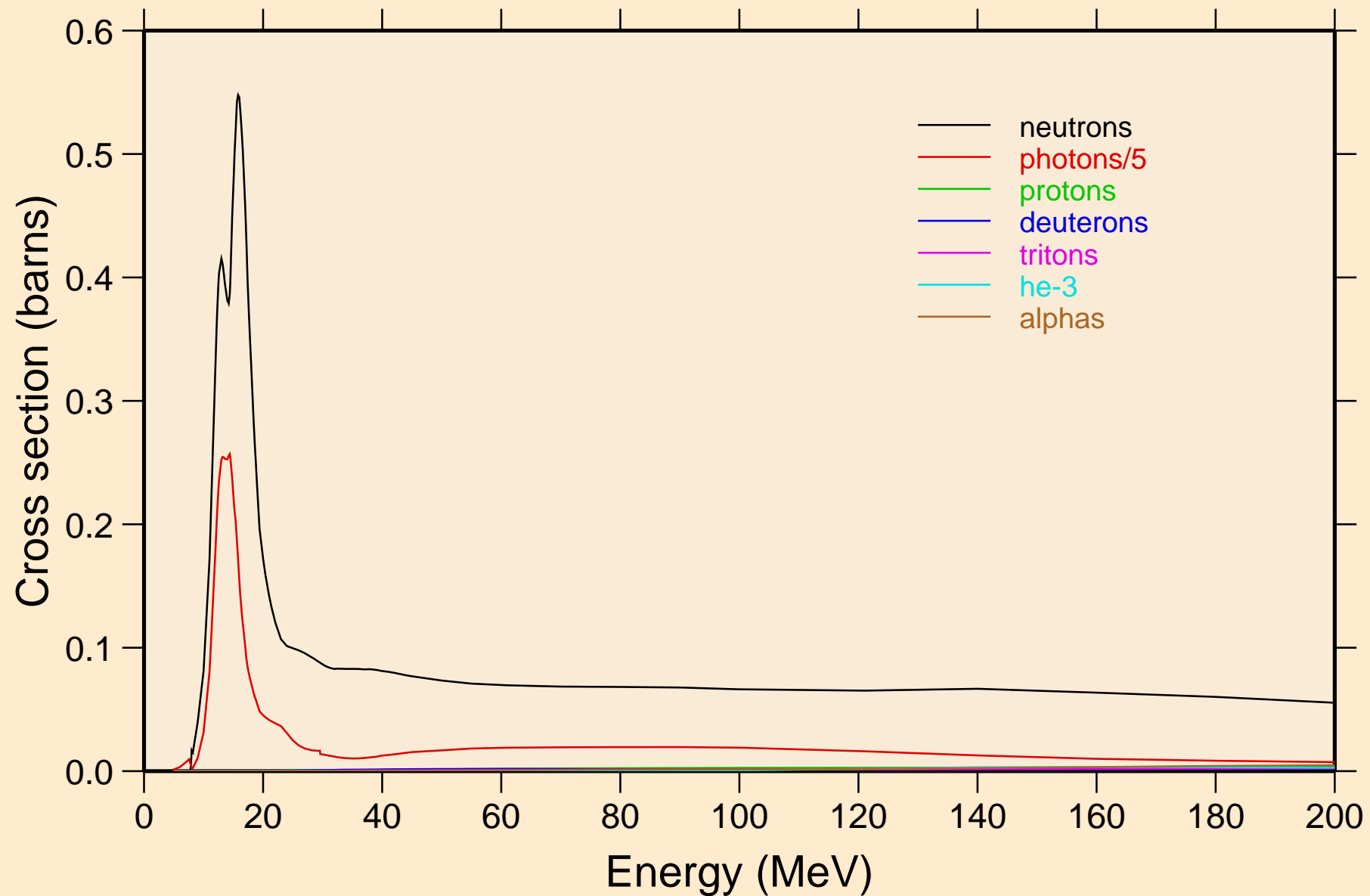
ACE TA181-G EMPIRE

Particle heating contributions



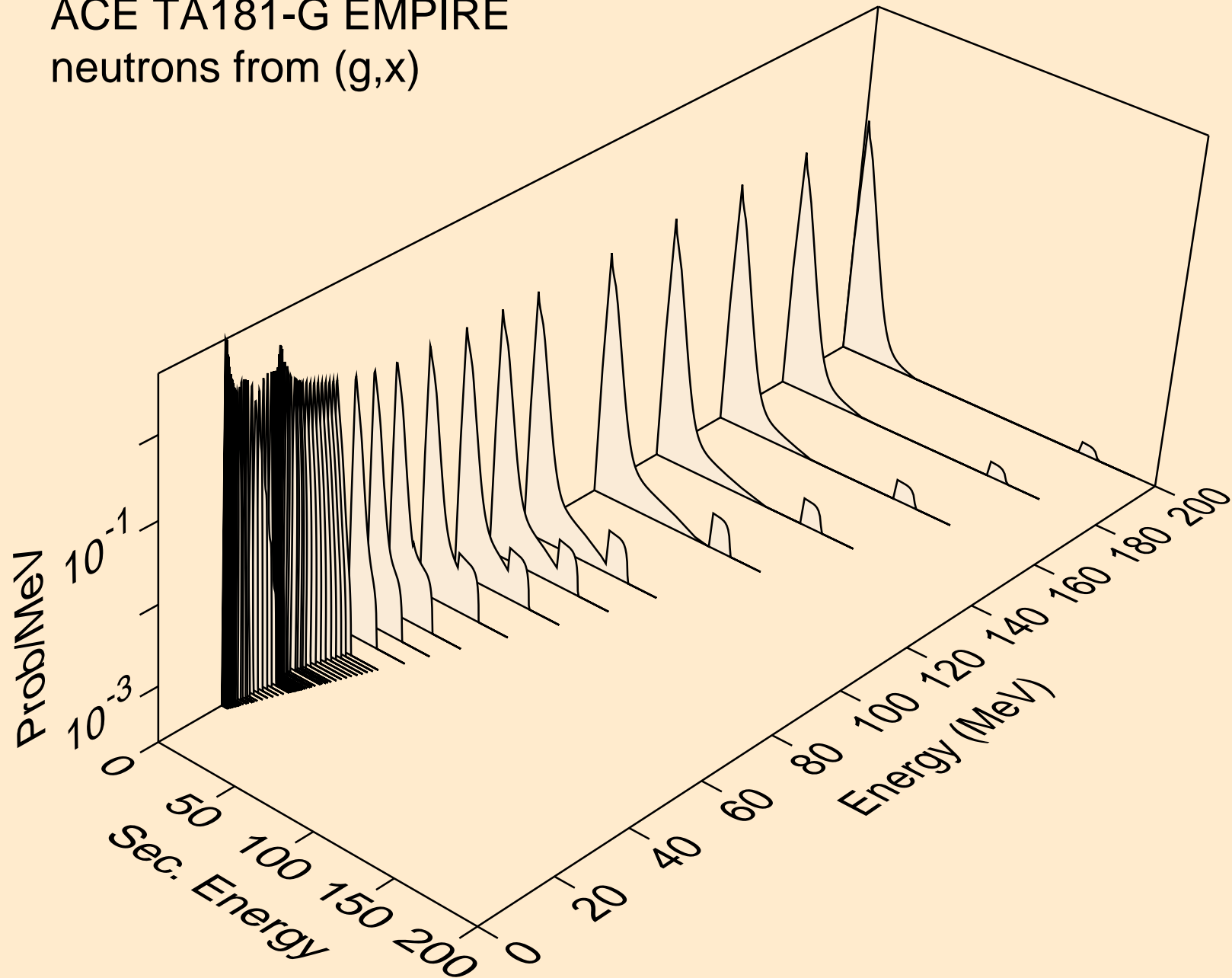
ACE TA181-G EMPIRE

Particle production cross sections

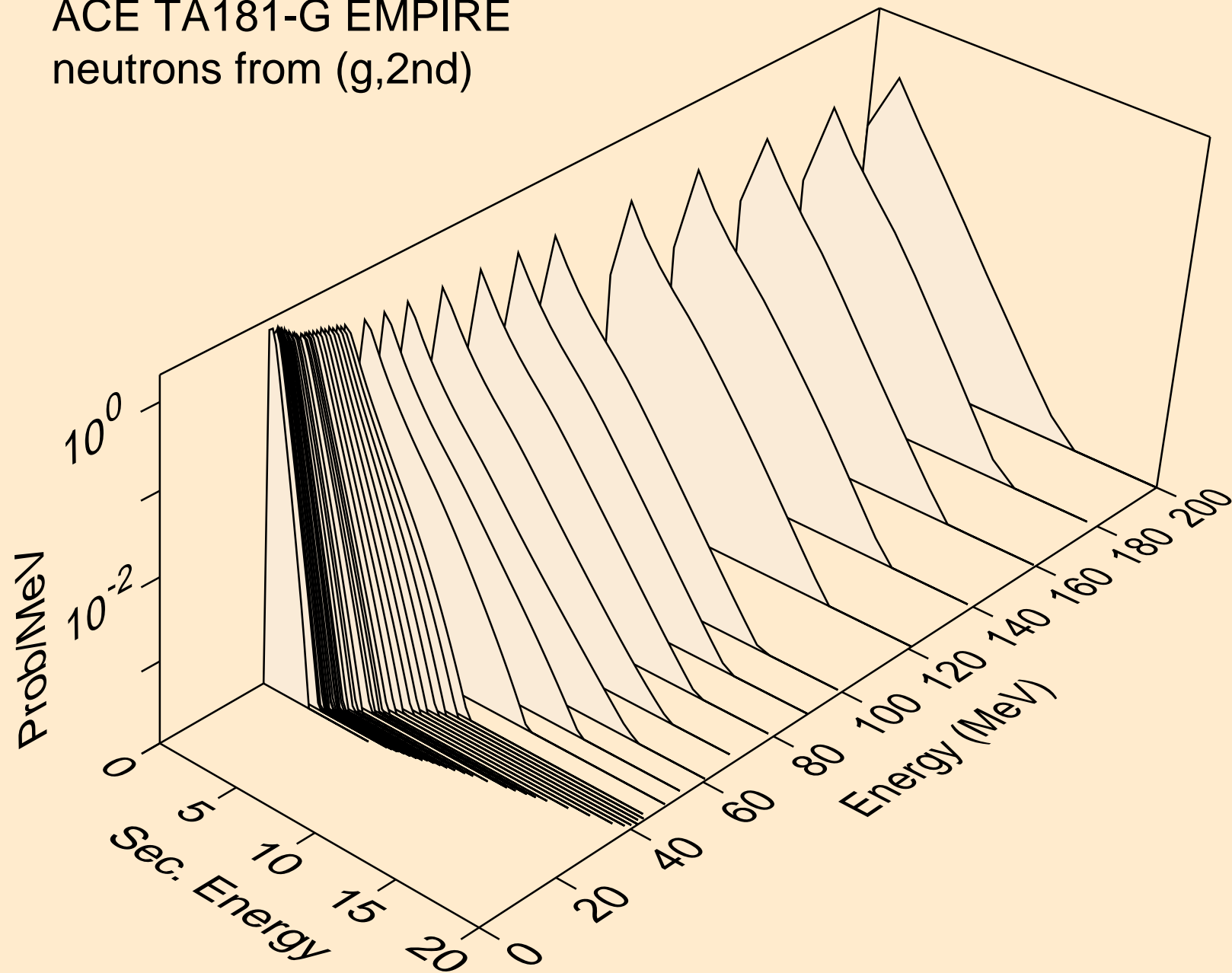


ACE TA181-G EMPIRE

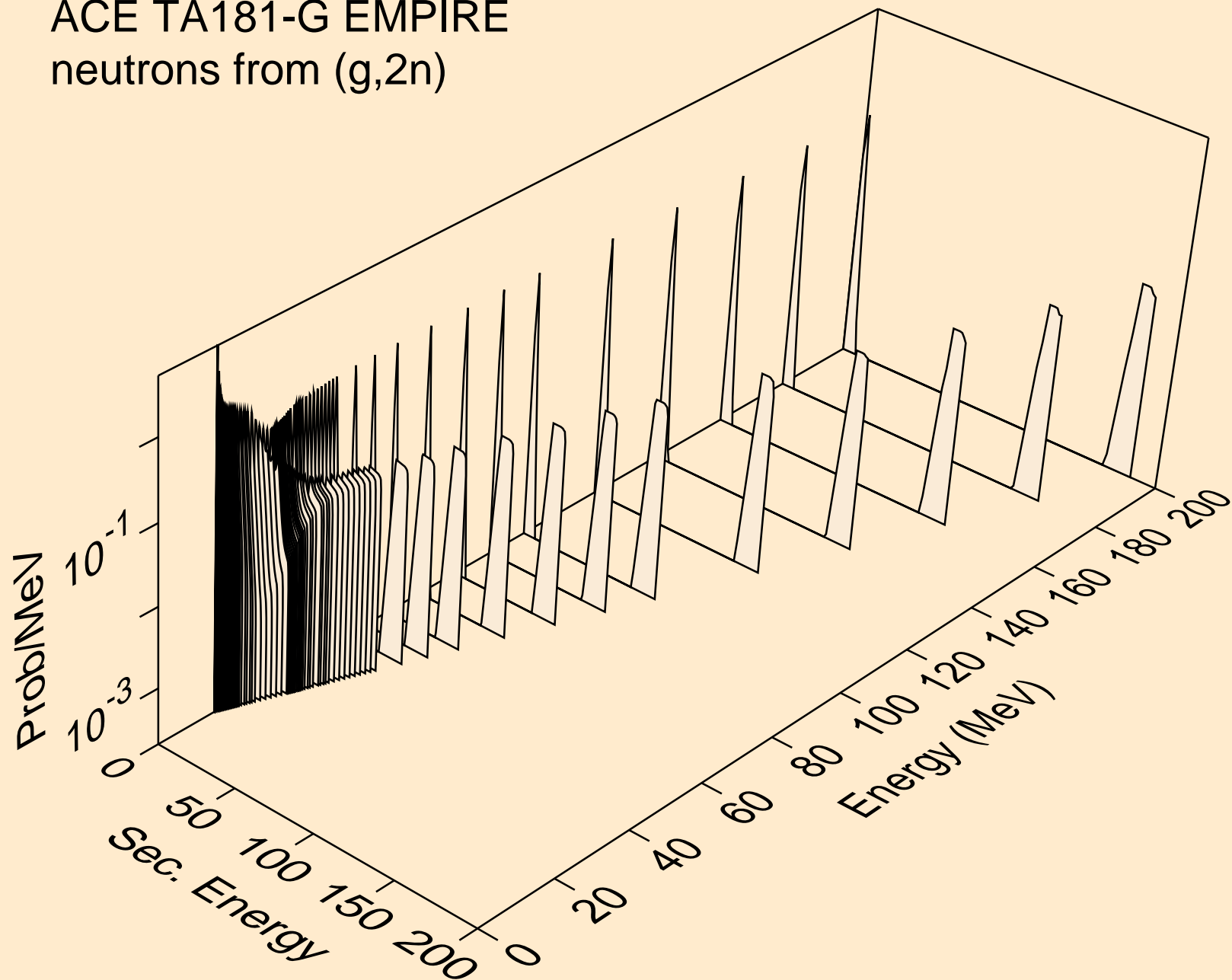
neutrons from (g,x)



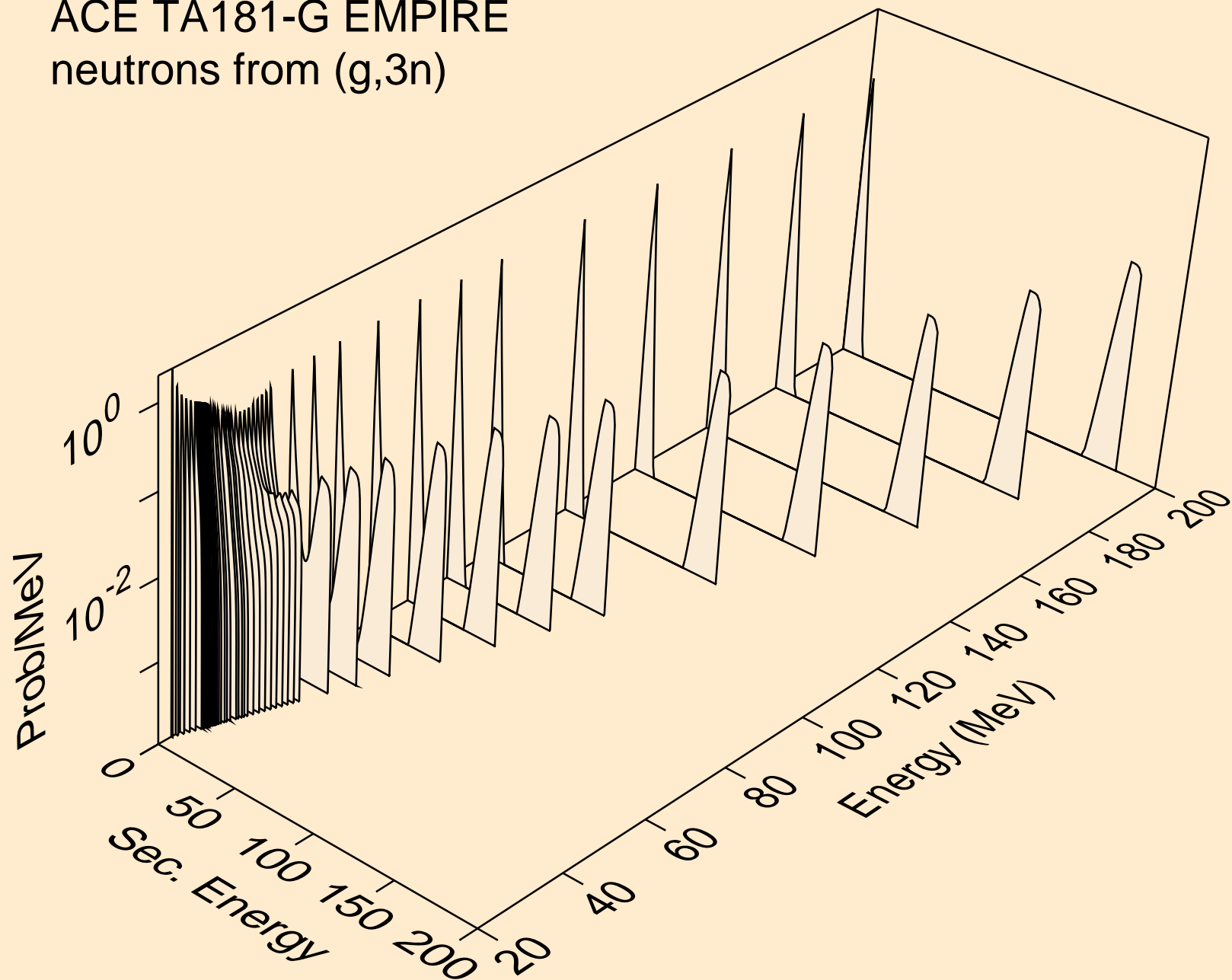
ACE TA181-G EMPIRE neutrons from (g,2nd)



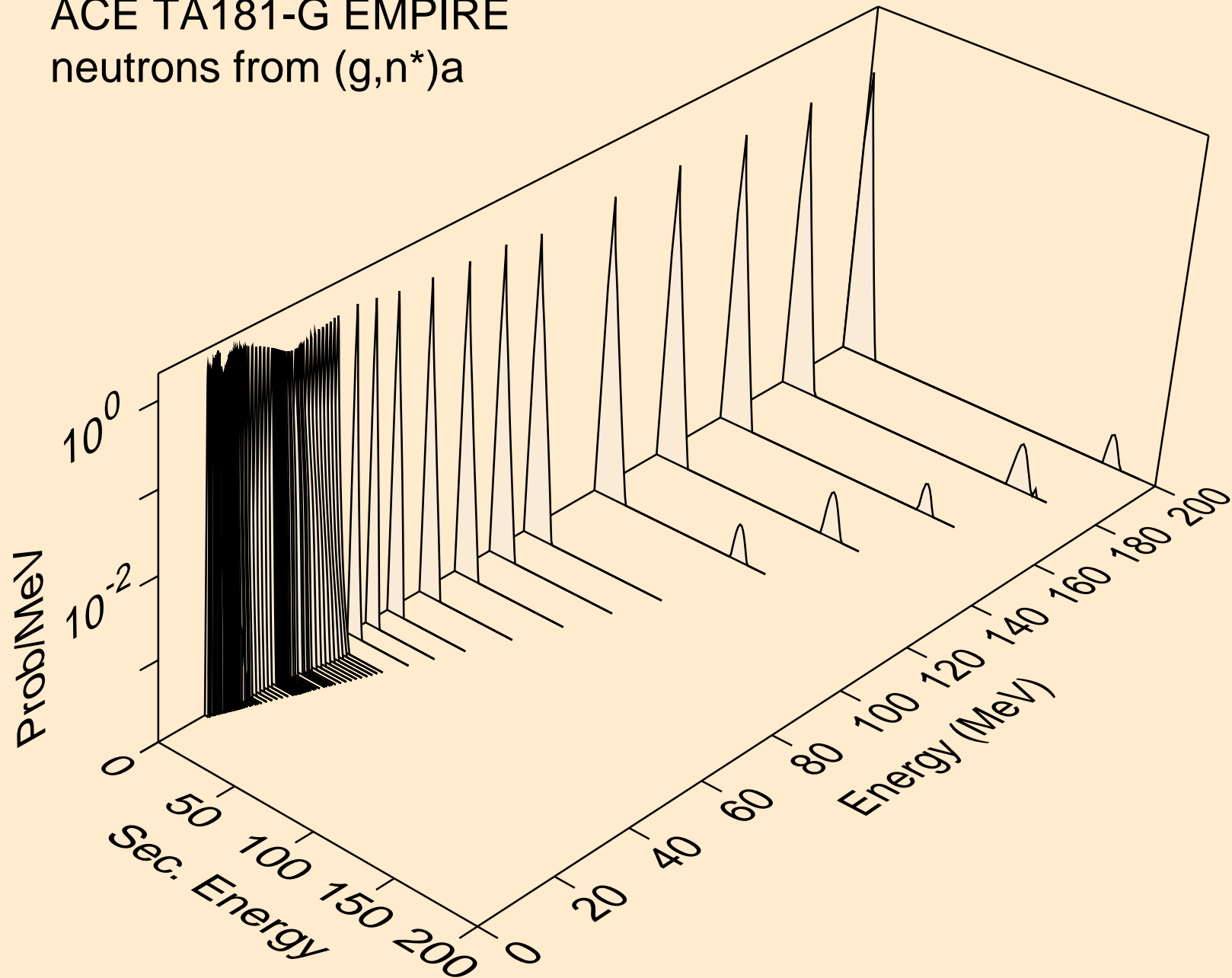
ACE TA181-G EMPIRE
neutrons from (g,2n)



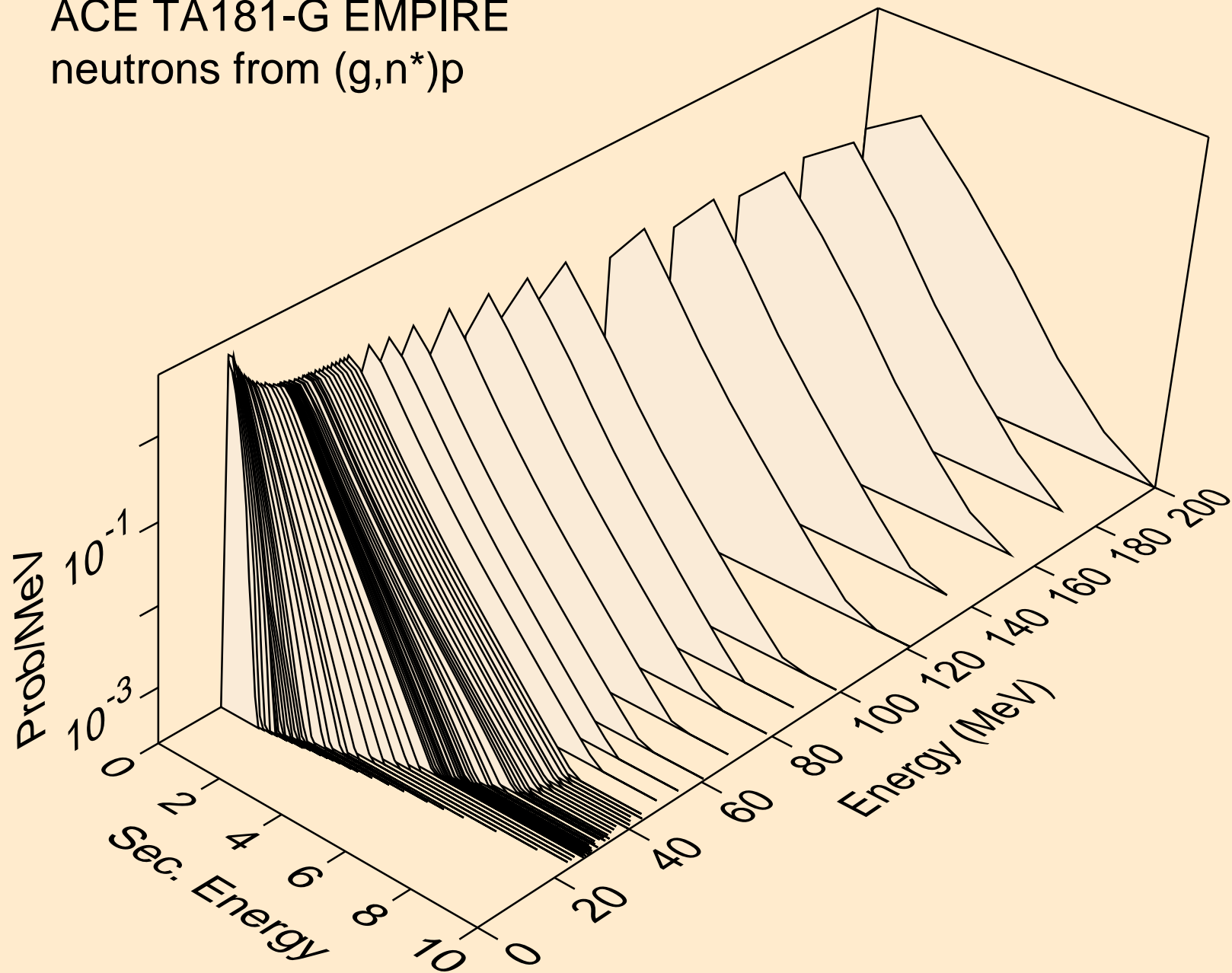
ACE TA181-G EMPIRE
neutrons from (g,3n)



ACE TA181-G EMPIRE
neutrons from $(g,n^*)a$

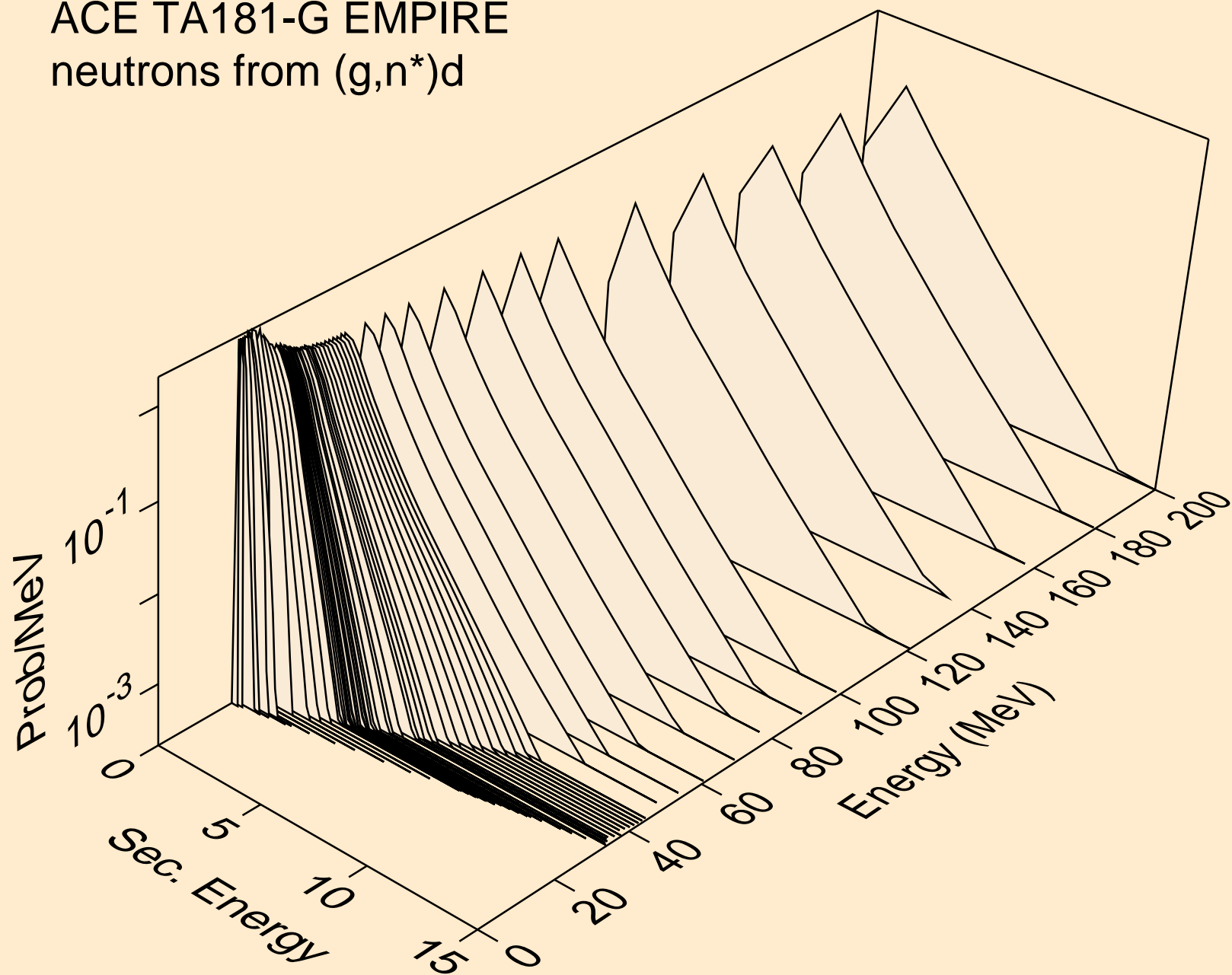


ACE TA181-G EMPIRE
neutrons from $(g,n^*)p$

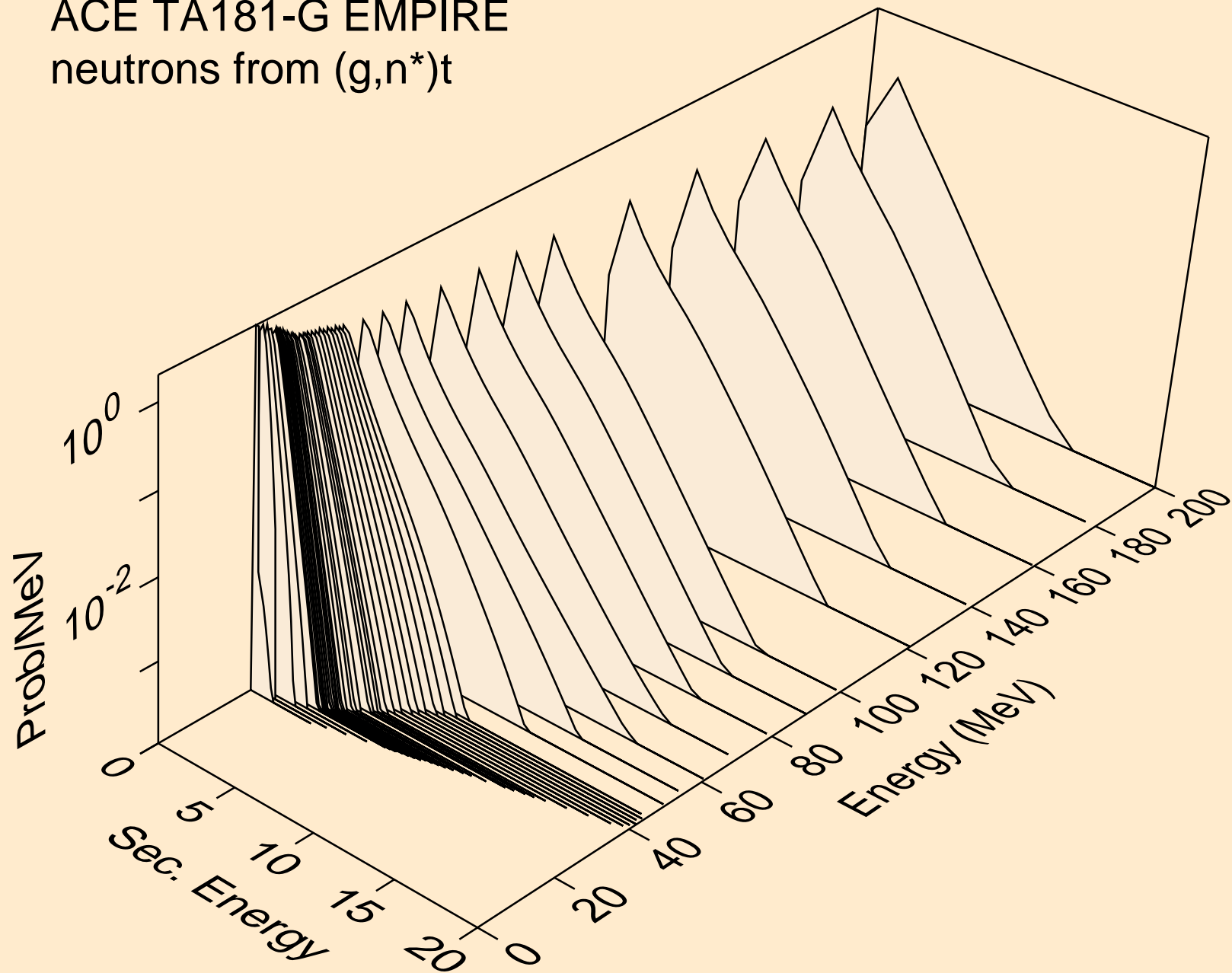


ACE TA181-G EMPIRE

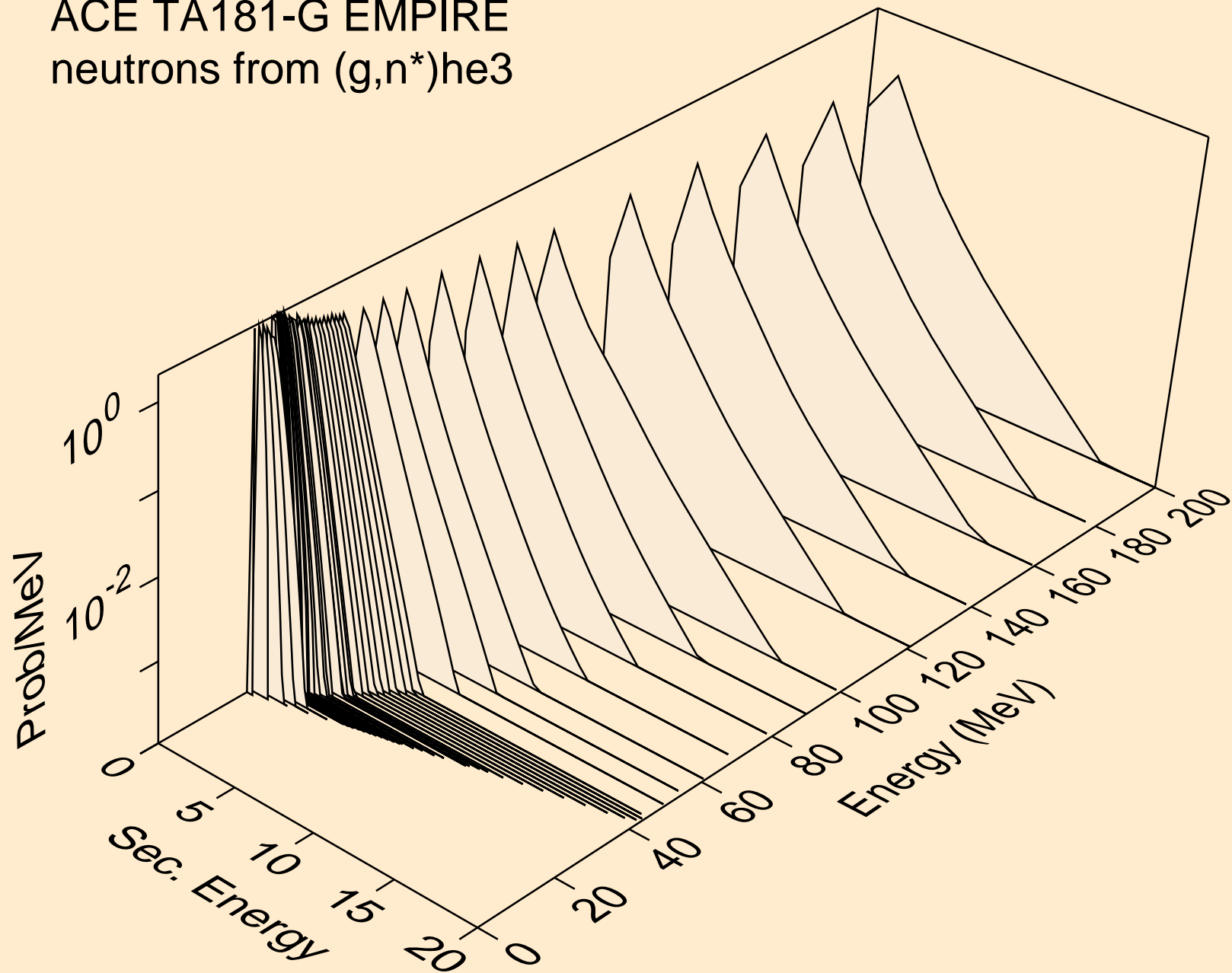
neutrons from $(g,n^*)d$



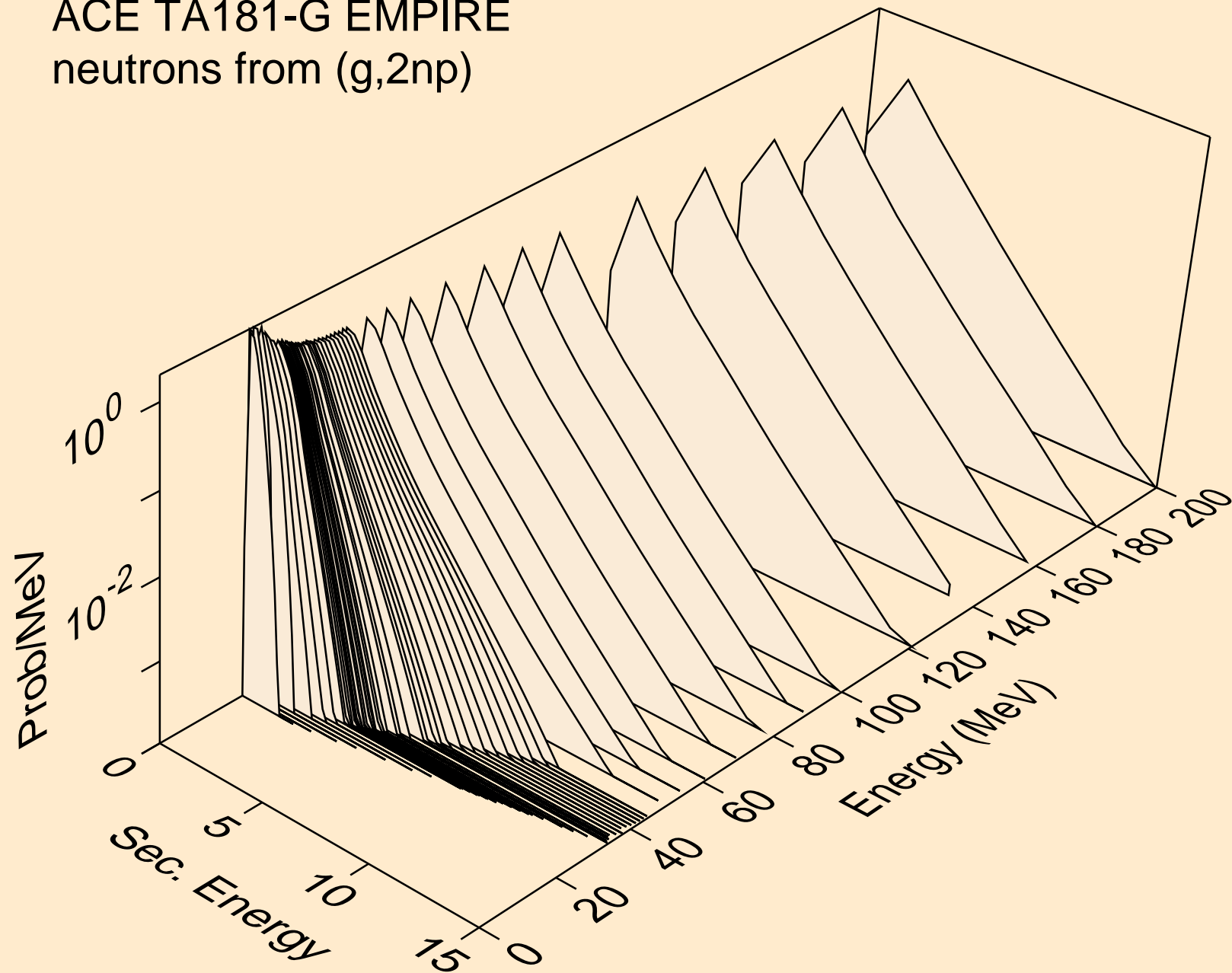
ACE TA181-G EMPIRE
neutrons from $(g,n^*)t$



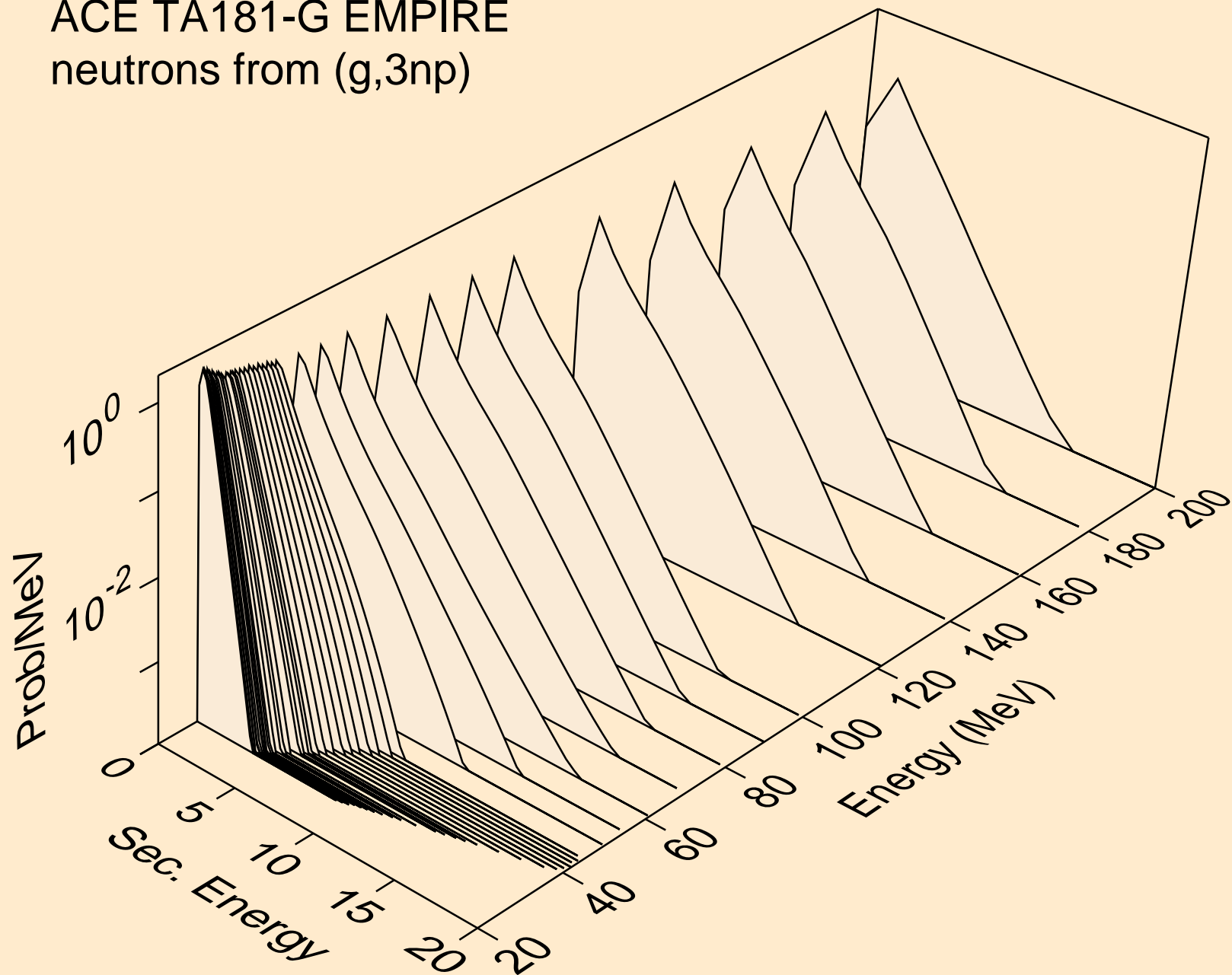
ACE TA181-G EMPIRE
neutrons from $(g,n^*)\text{he3}$



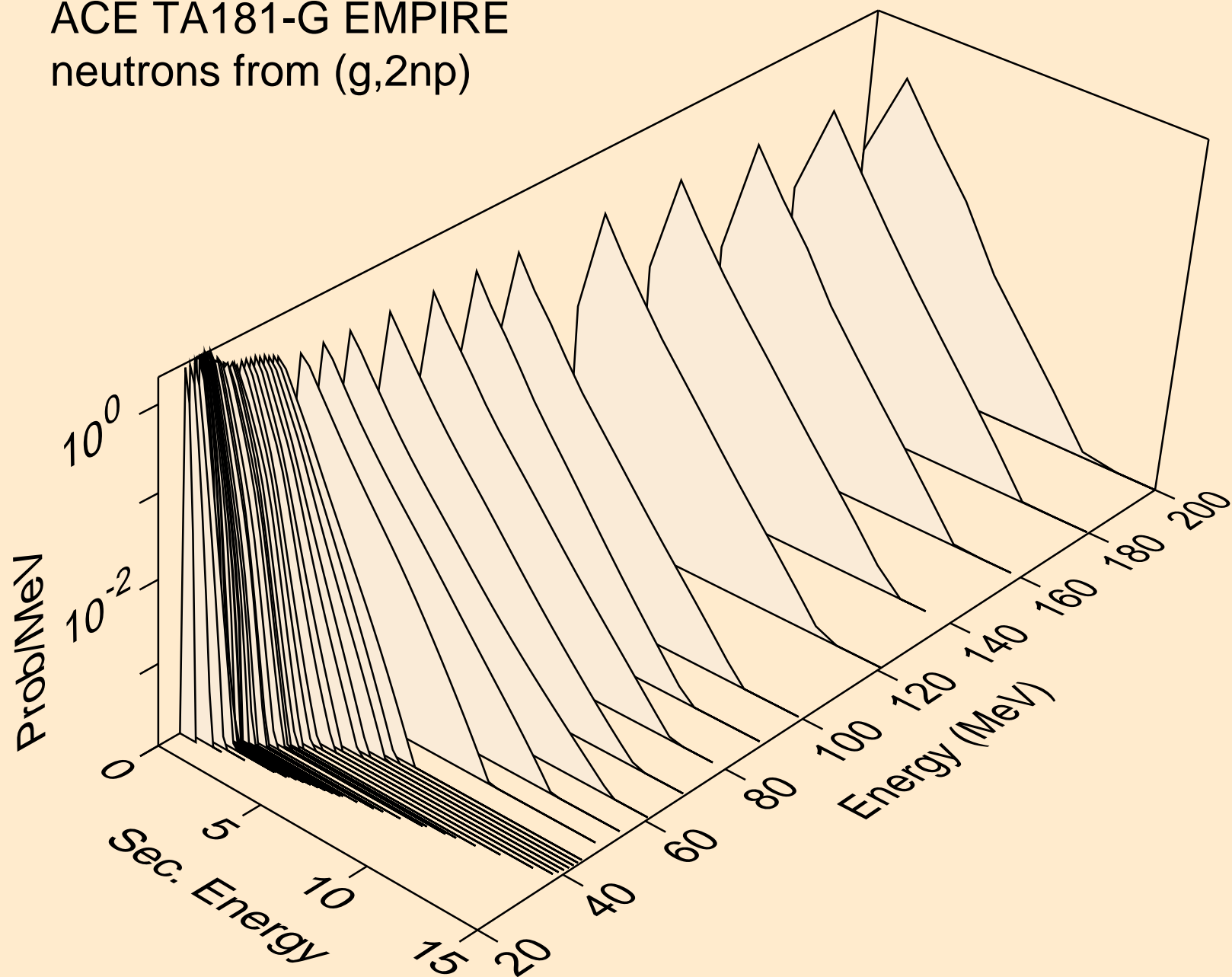
ACE TA181-G EMPIRE
neutrons from (g,2np)



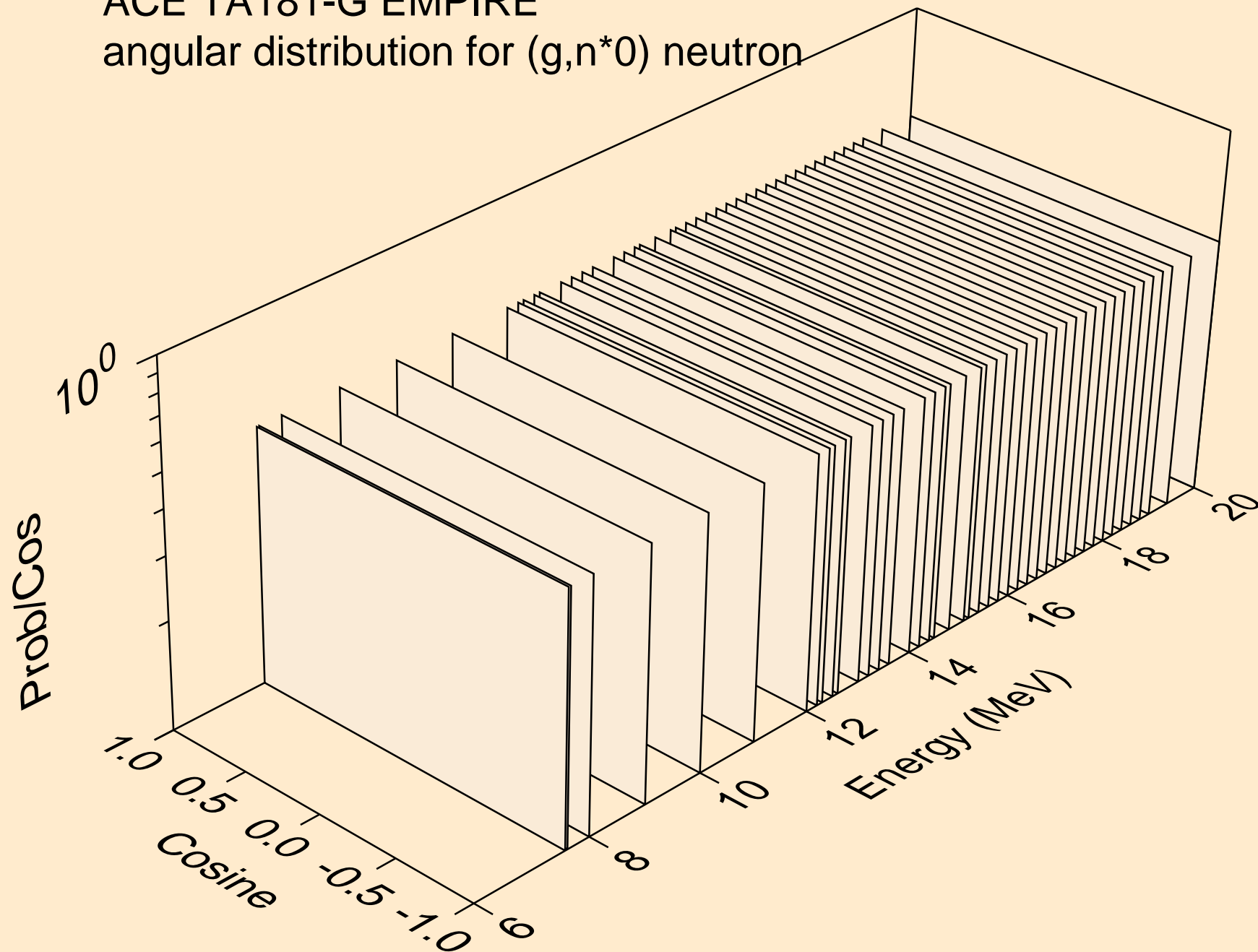
ACE TA181-G EMPIRE
neutrons from (g,3np)



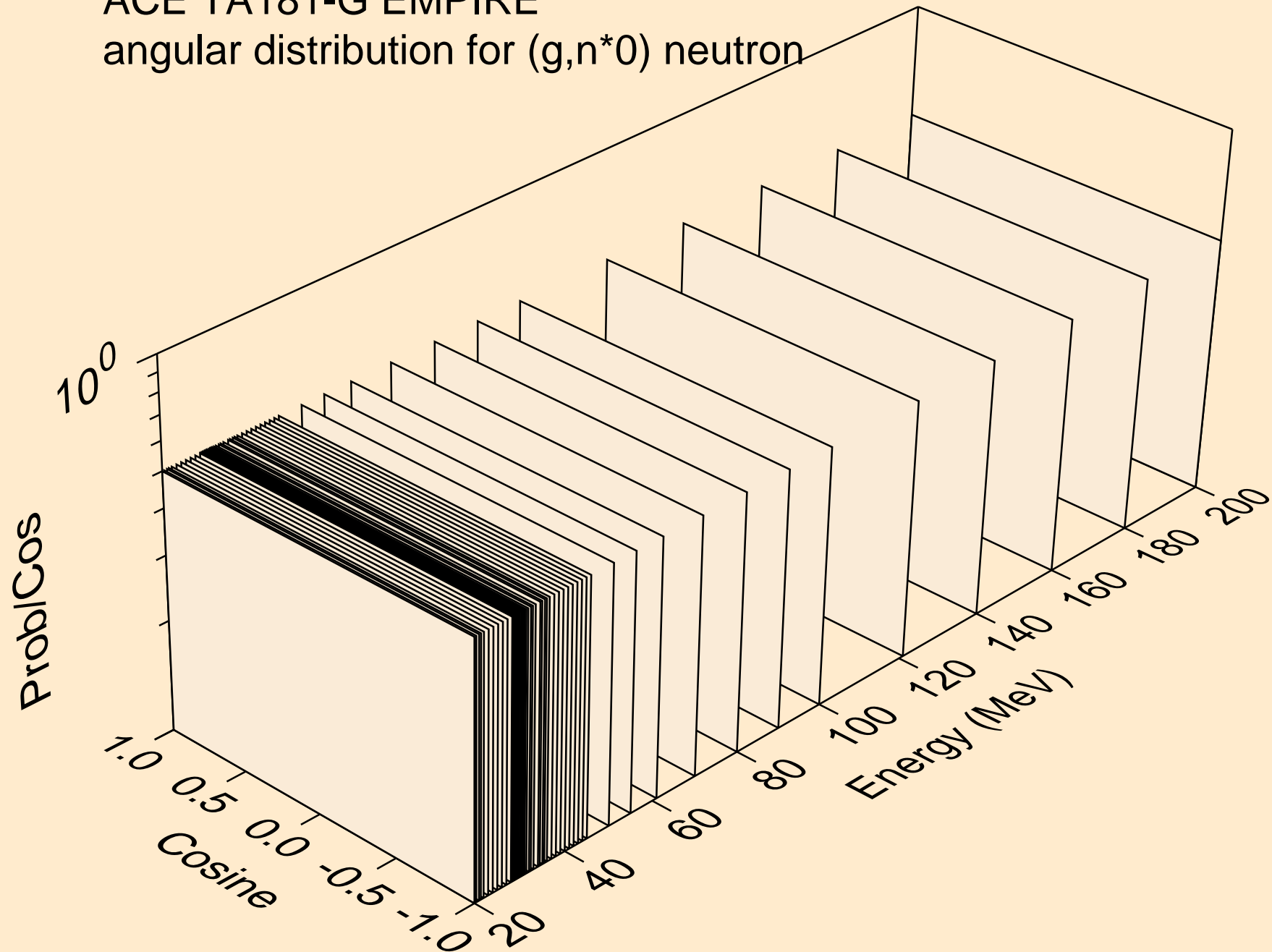
ACE TA181-G EMPIRE
neutrons from (g,2np)



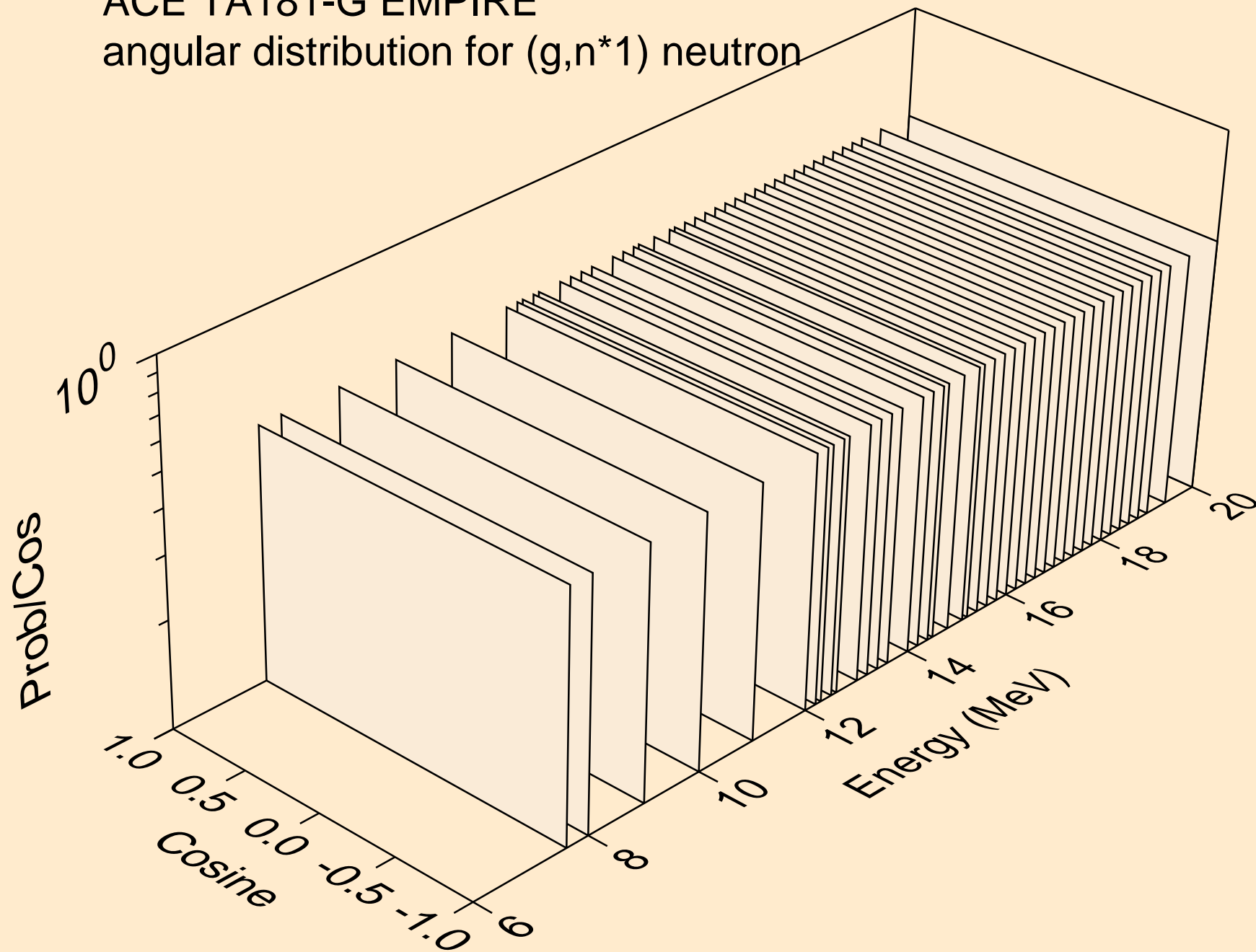
ACE TA181-G EMPIRE
angular distribution for (g,n*0) neutron



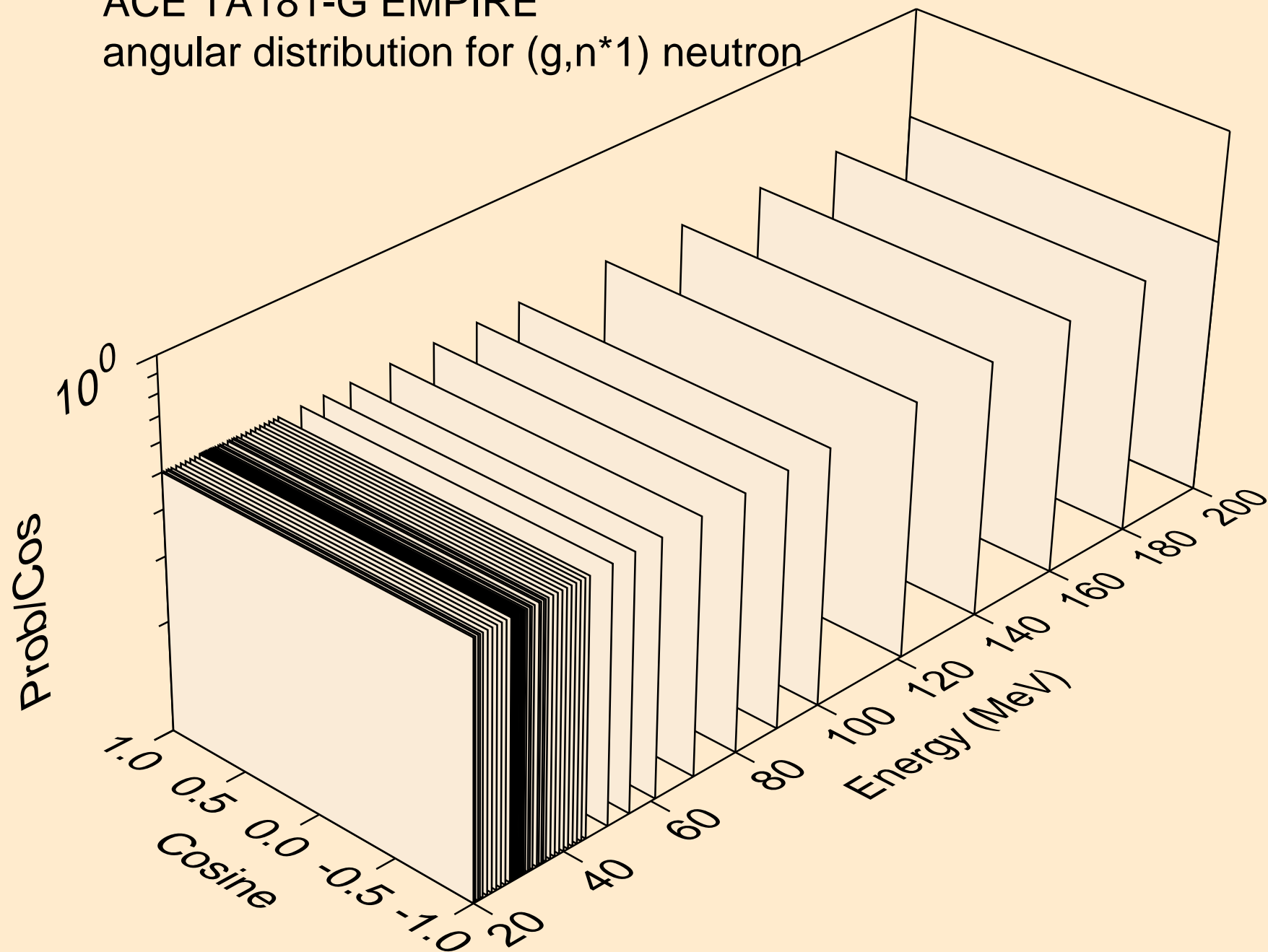
ACE TA181-G EMPIRE
angular distribution for (g,n*0) neutron



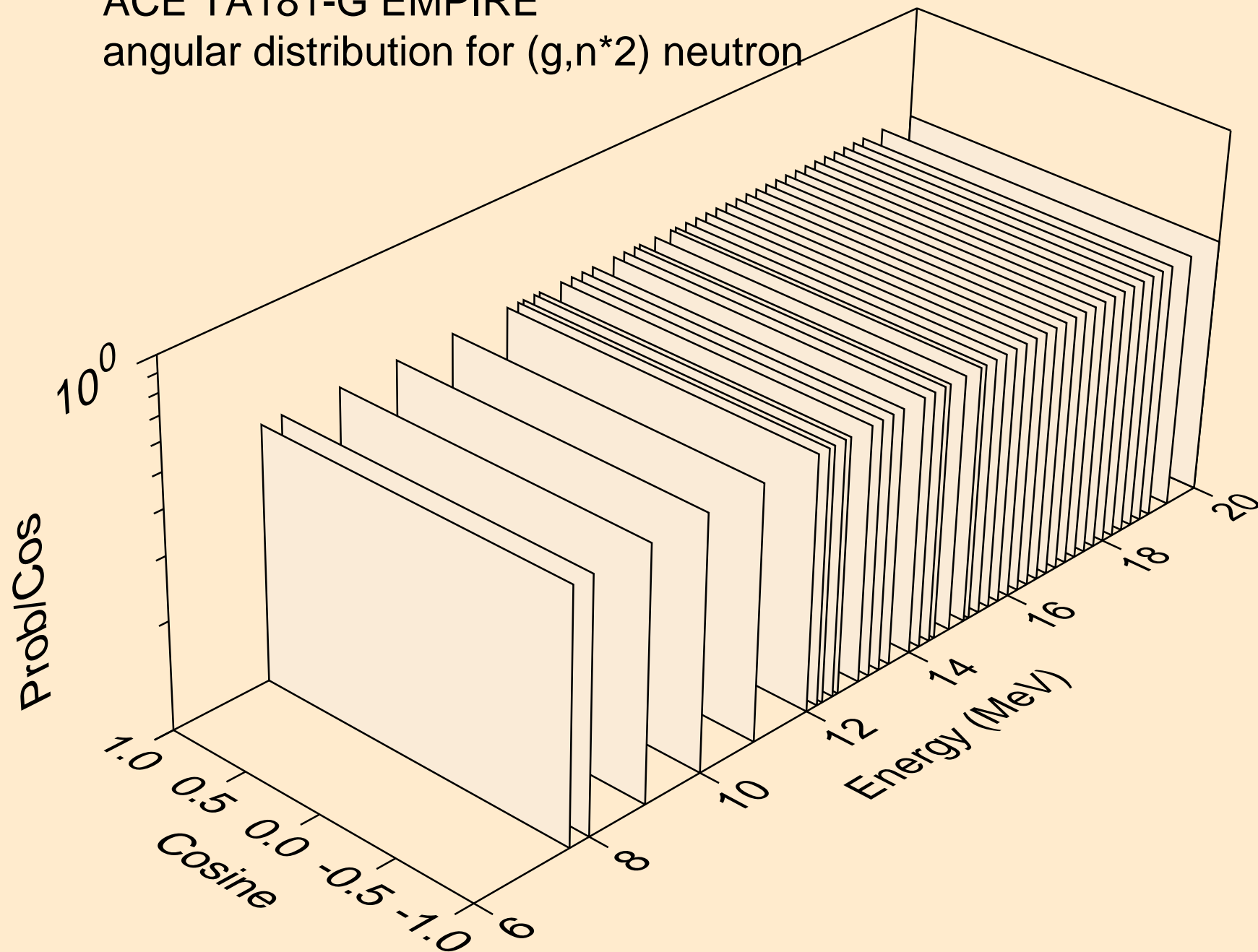
ACE TA181-G EMPIRE
angular distribution for (g,n*1) neutron



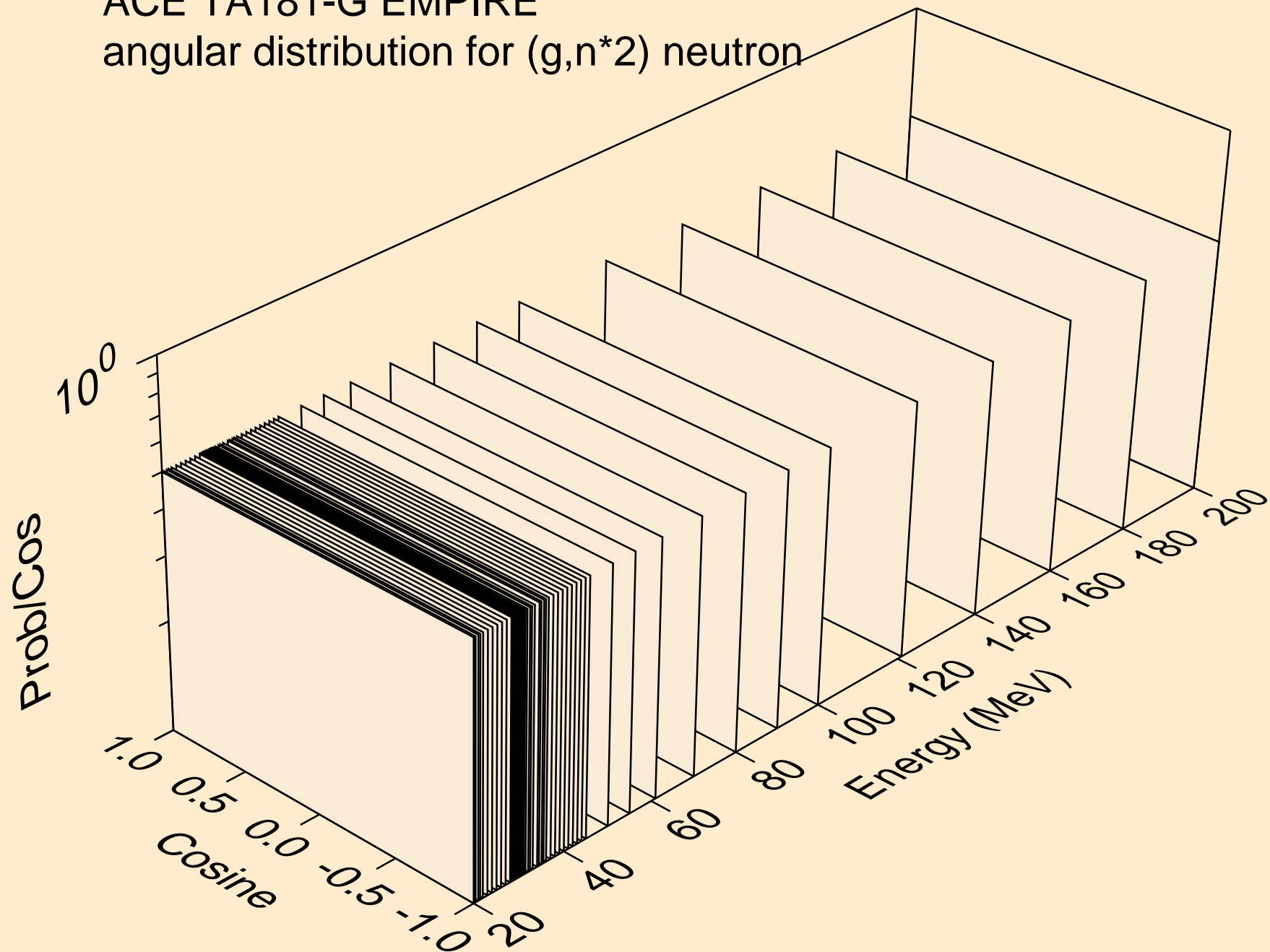
ACE TA181-G EMPIRE
angular distribution for (g,n*1) neutron



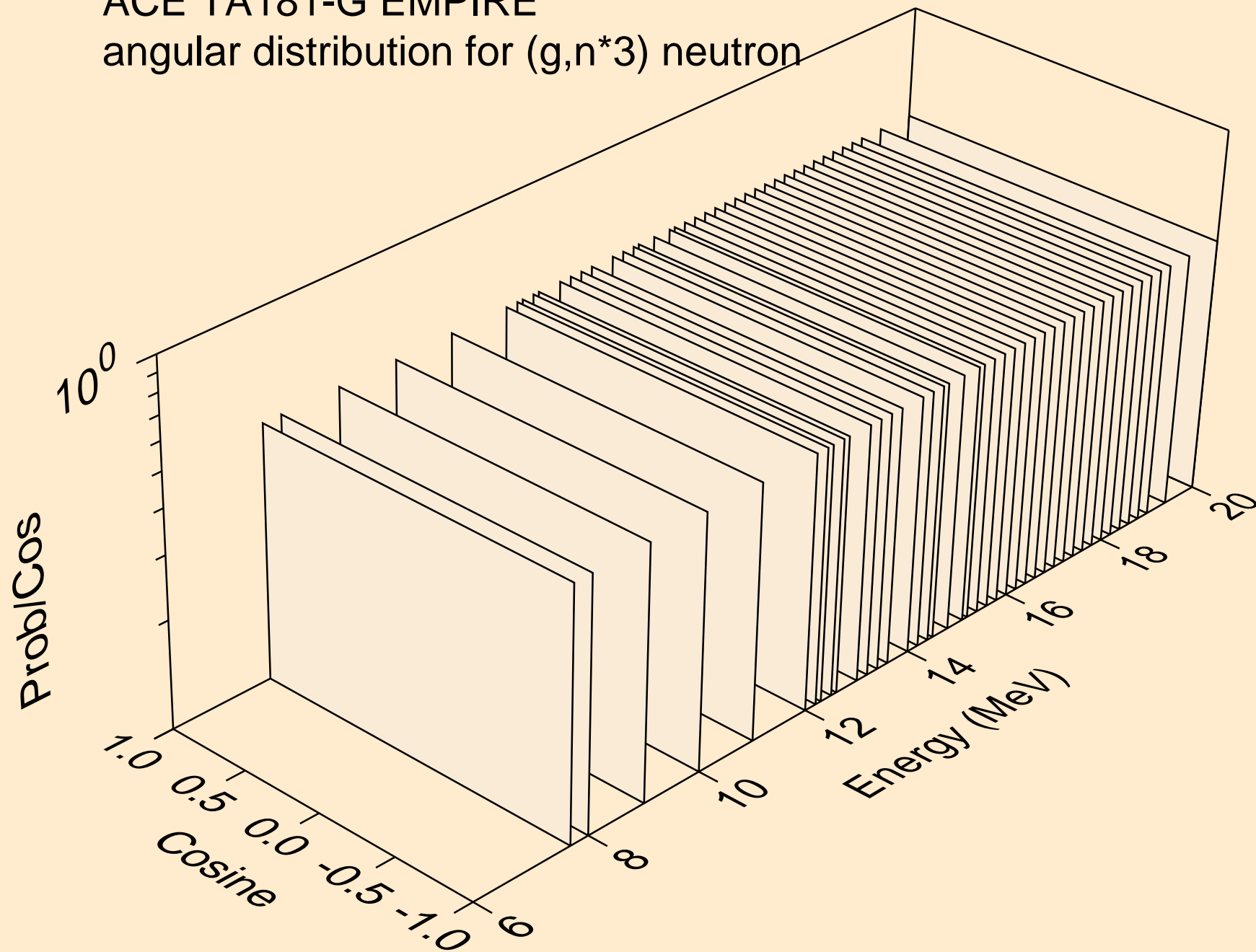
ACE TA181-G EMPIRE
angular distribution for (g,n*2) neutron



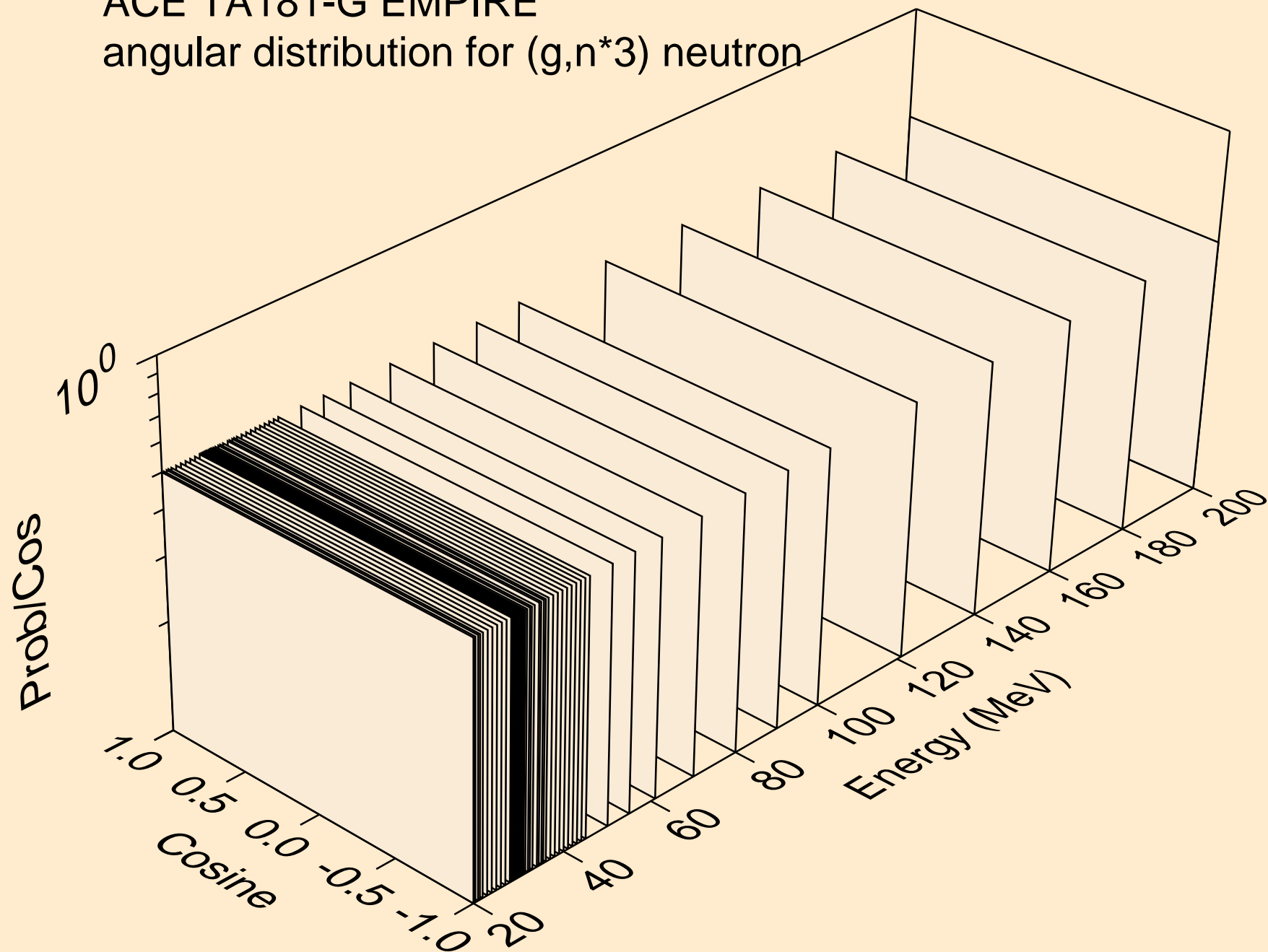
ACE TA181-G EMPIRE
angular distribution for (g,n*2) neutron



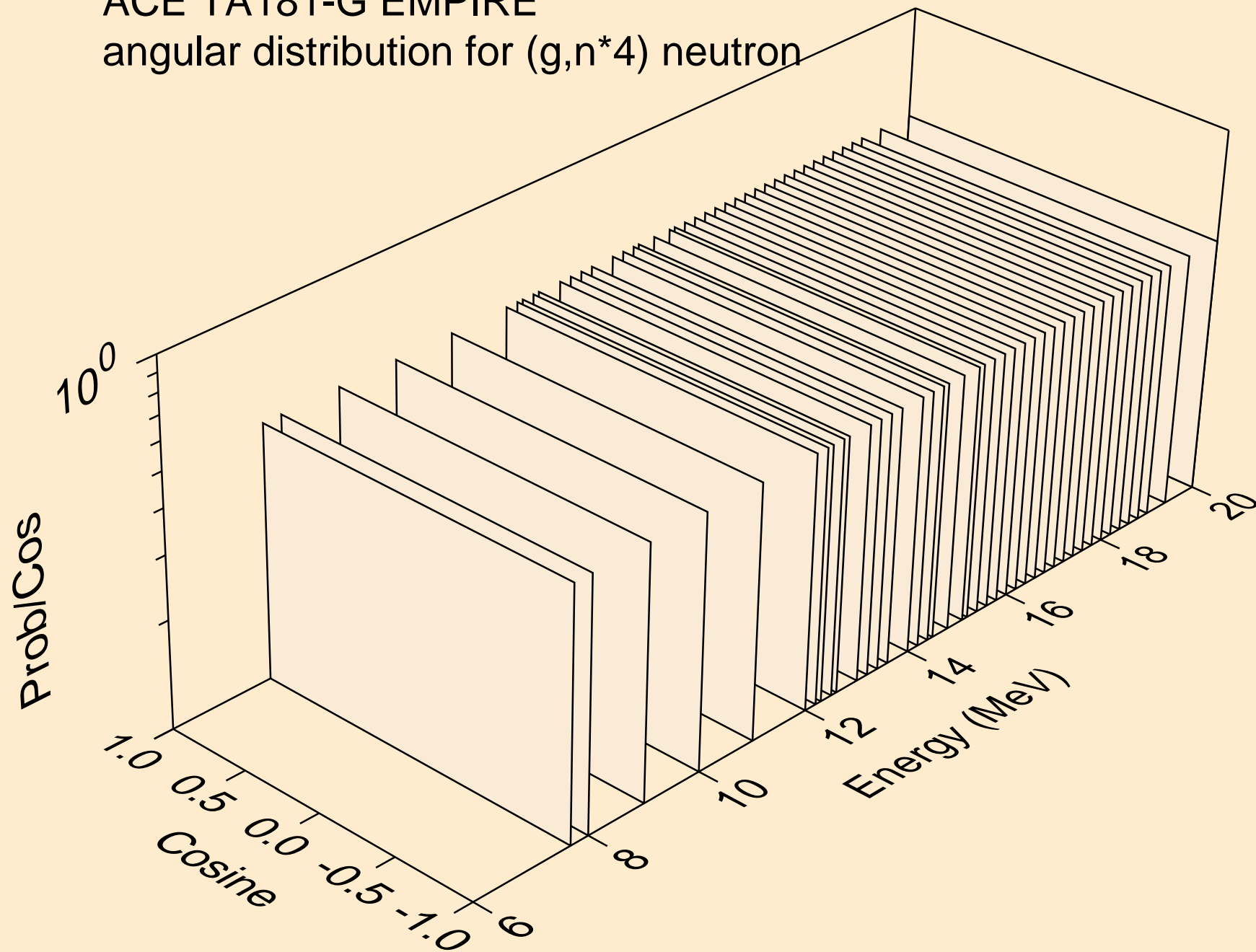
ACE TA181-G EMPIRE
angular distribution for (g,n*3) neutron



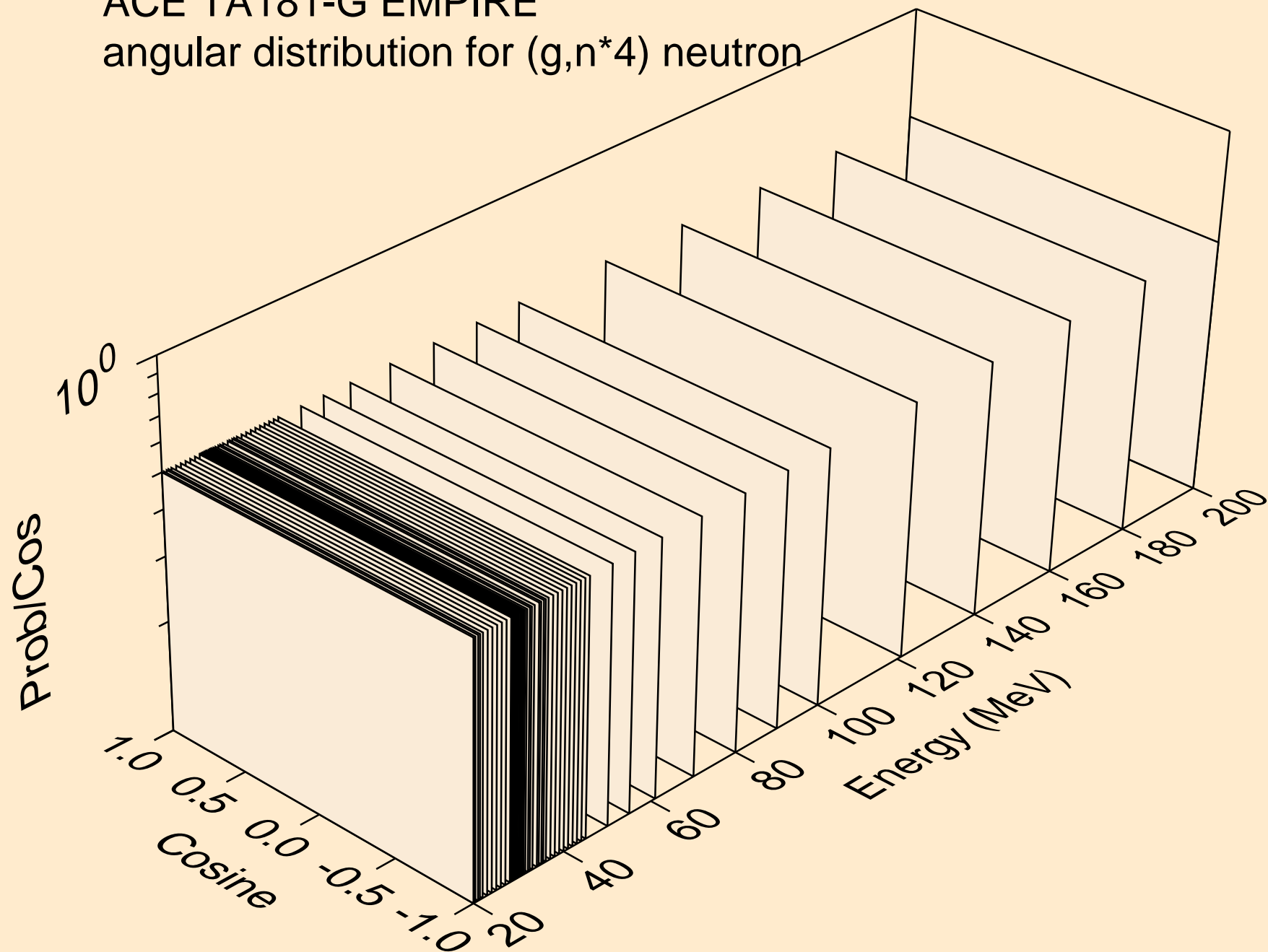
ACE TA181-G EMPIRE
angular distribution for (g,n*3) neutron



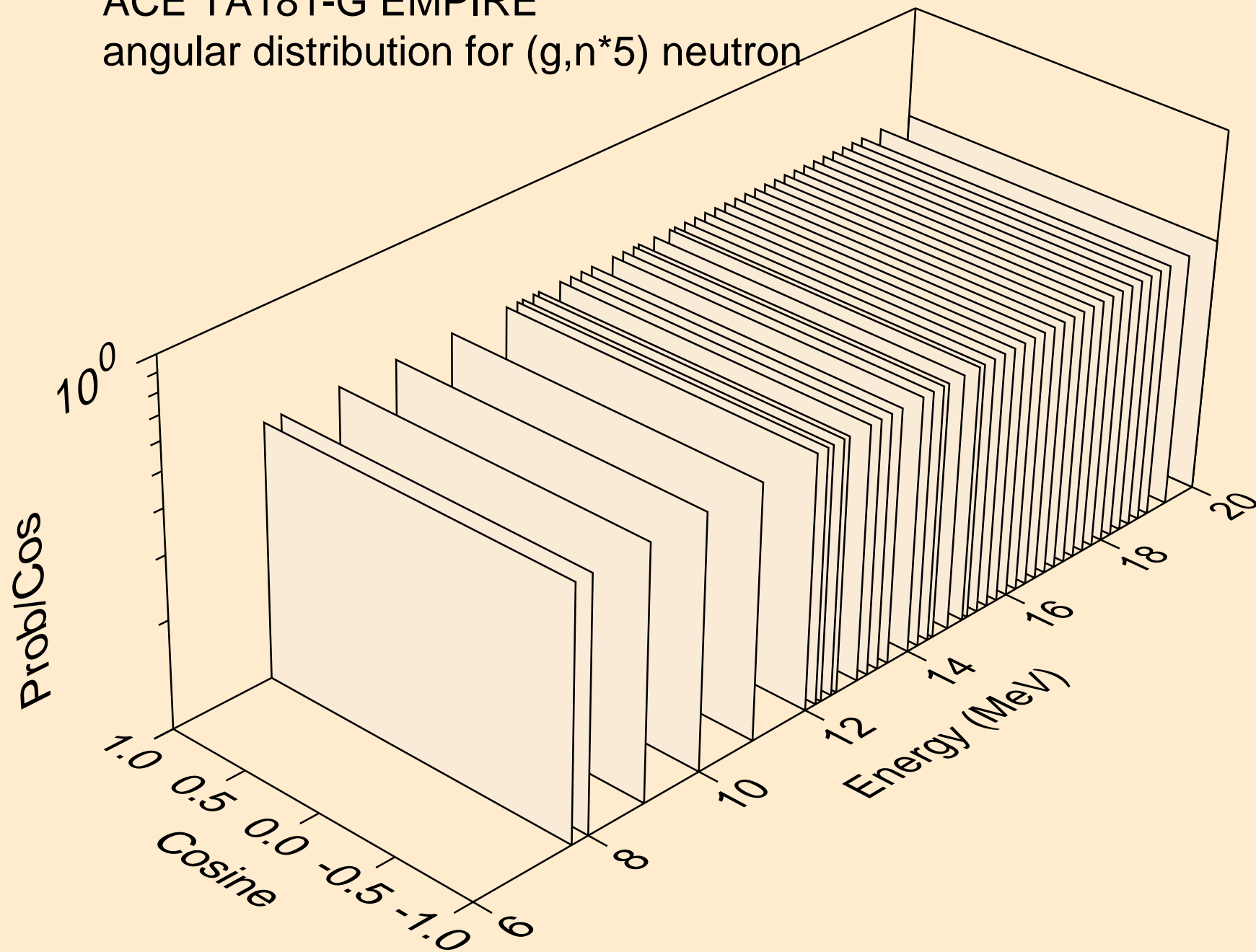
ACE TA181-G EMPIRE
angular distribution for (g,n*4) neutron



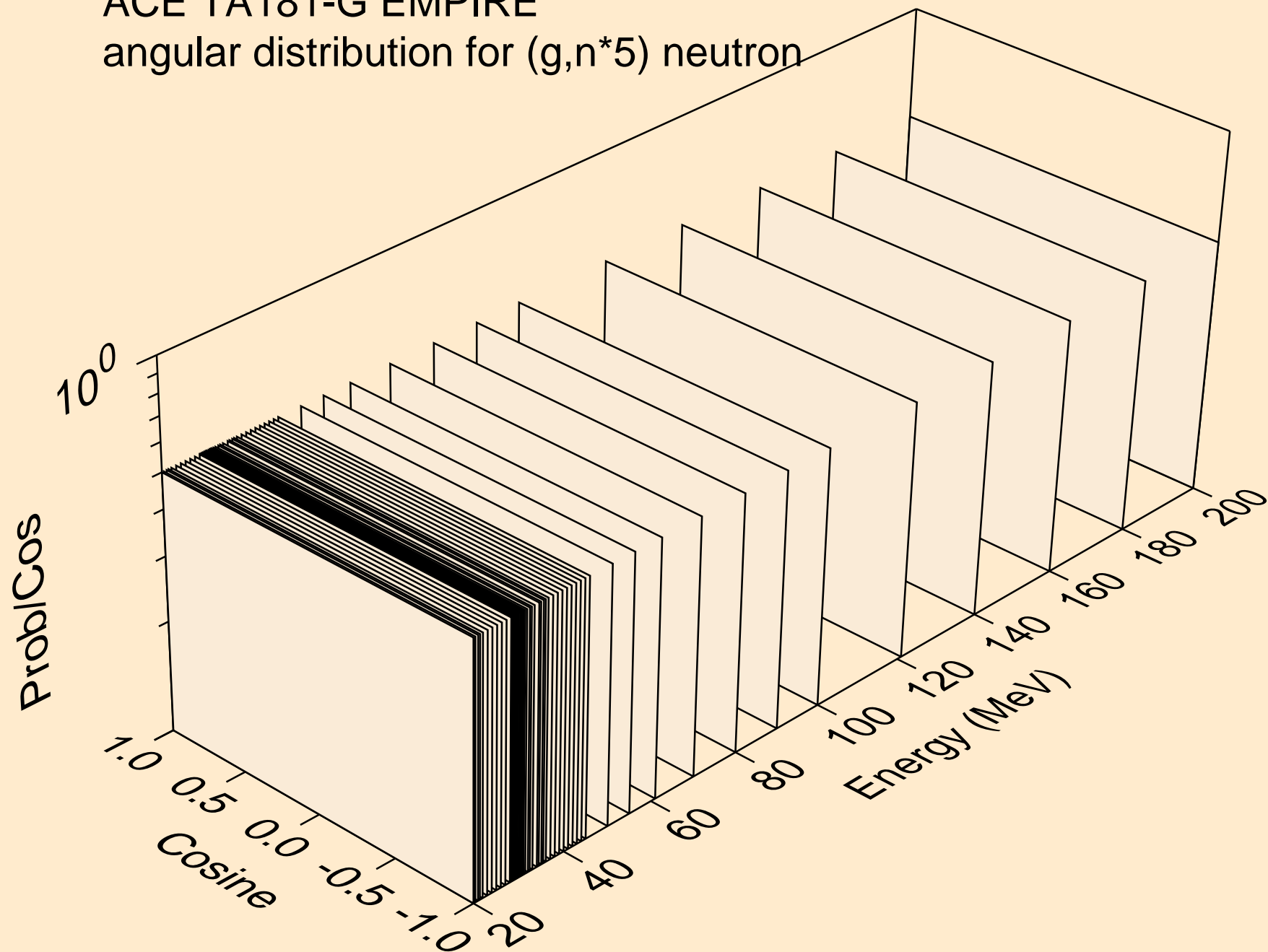
ACE TA181-G EMPIRE
angular distribution for (g,n*4) neutron



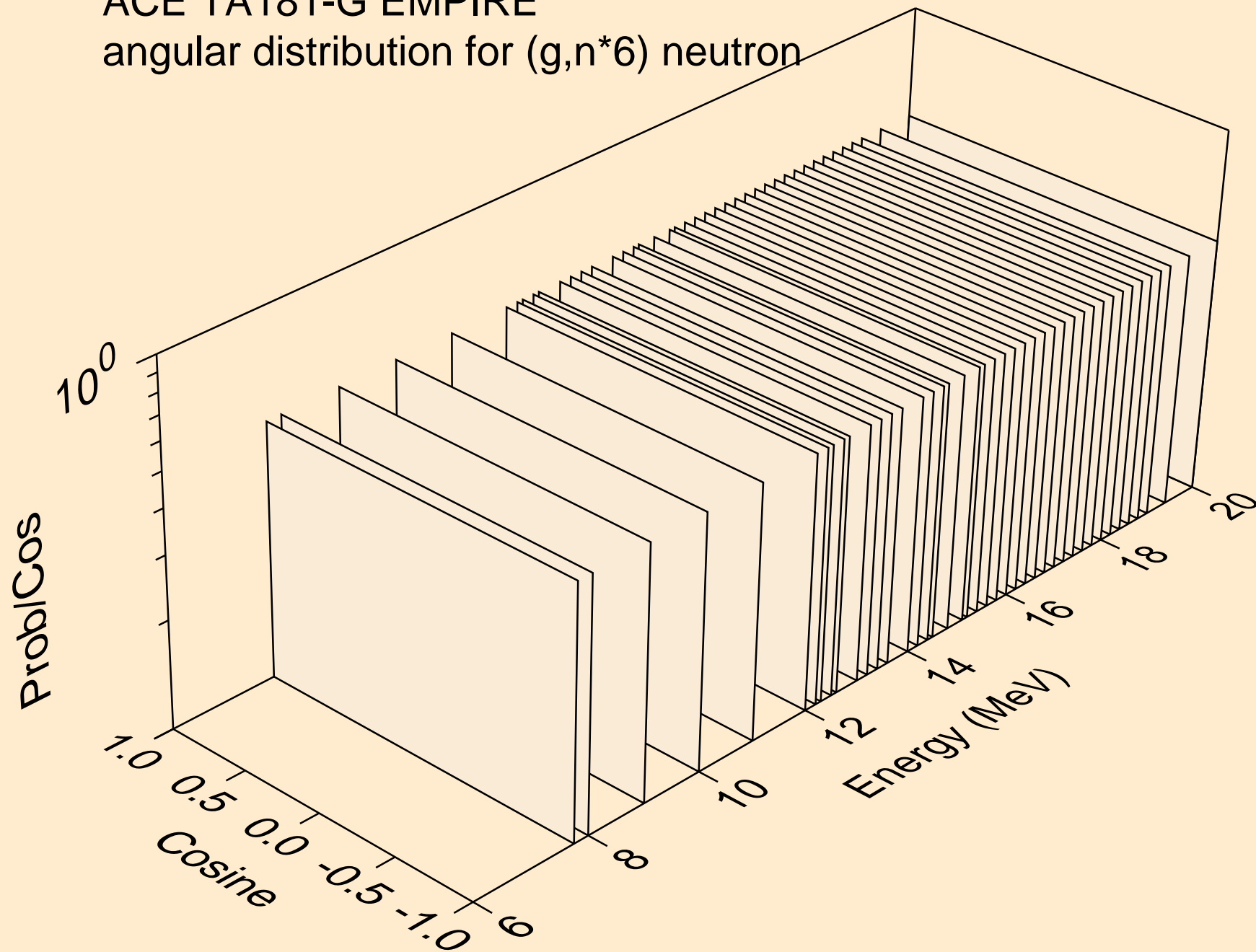
ACE TA181-G EMPIRE
angular distribution for (g,n*5) neutron



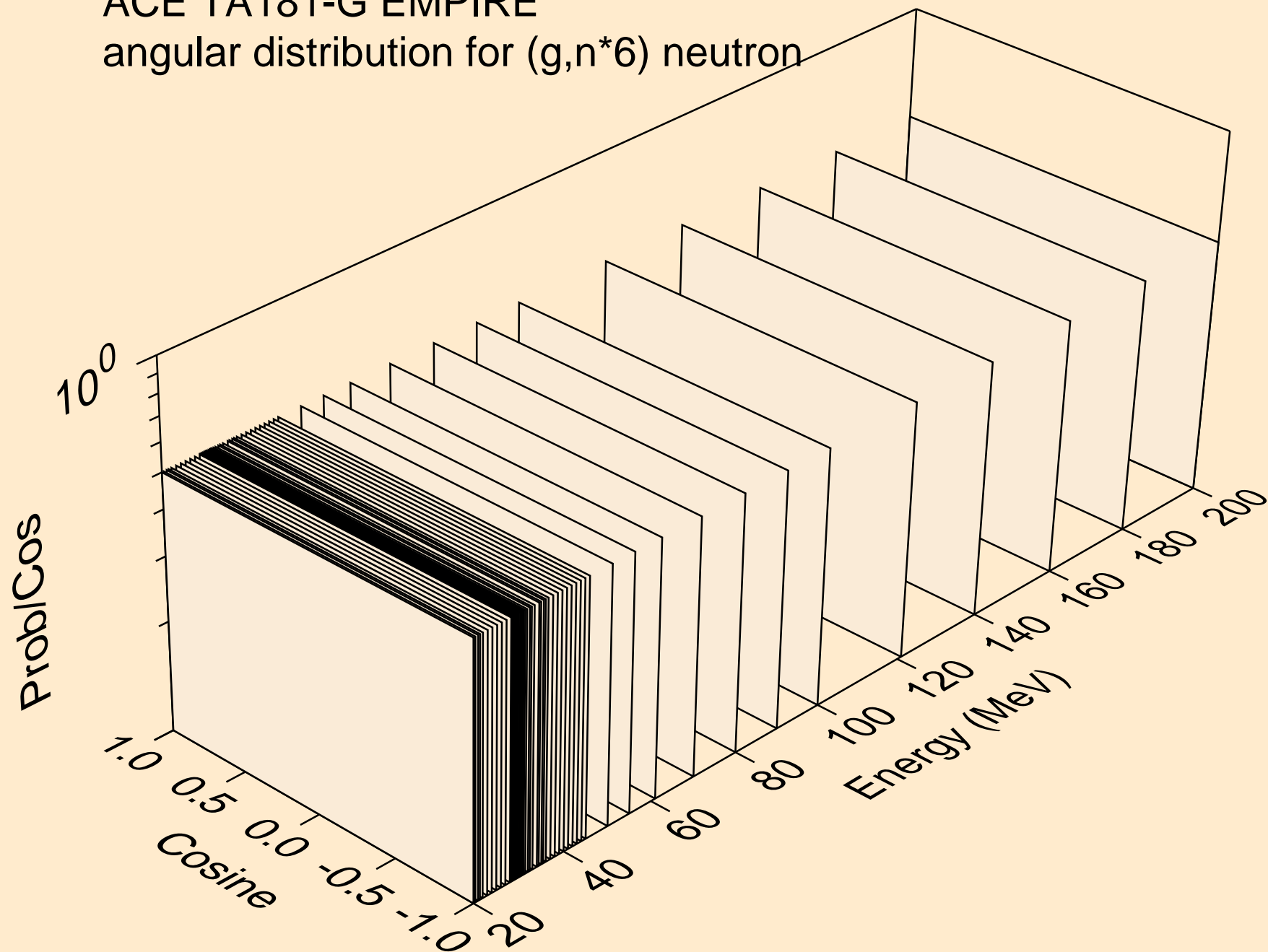
ACE TA181-G EMPIRE
angular distribution for (g,n*5) neutron



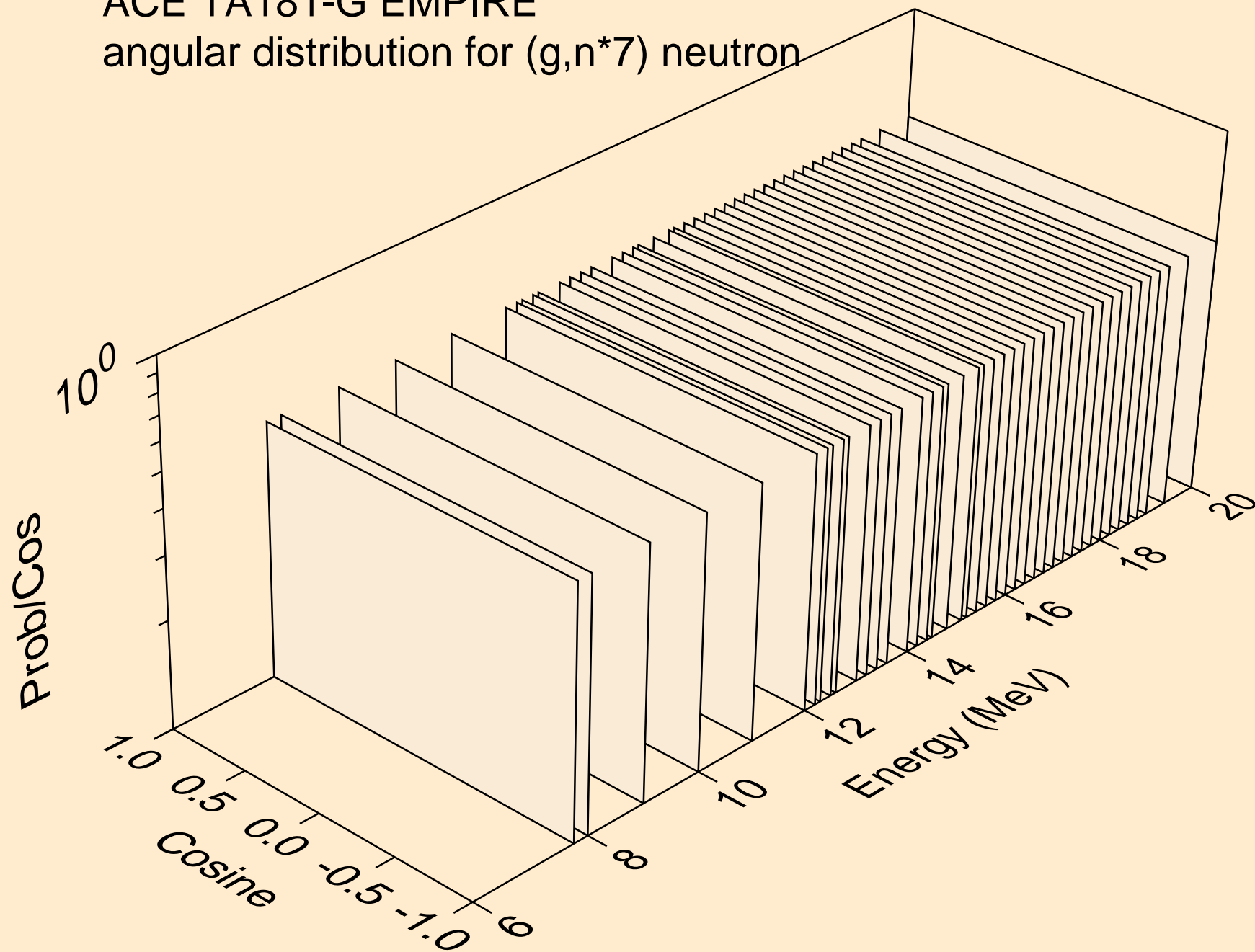
ACE TA181-G EMPIRE
angular distribution for (g,n*6) neutron



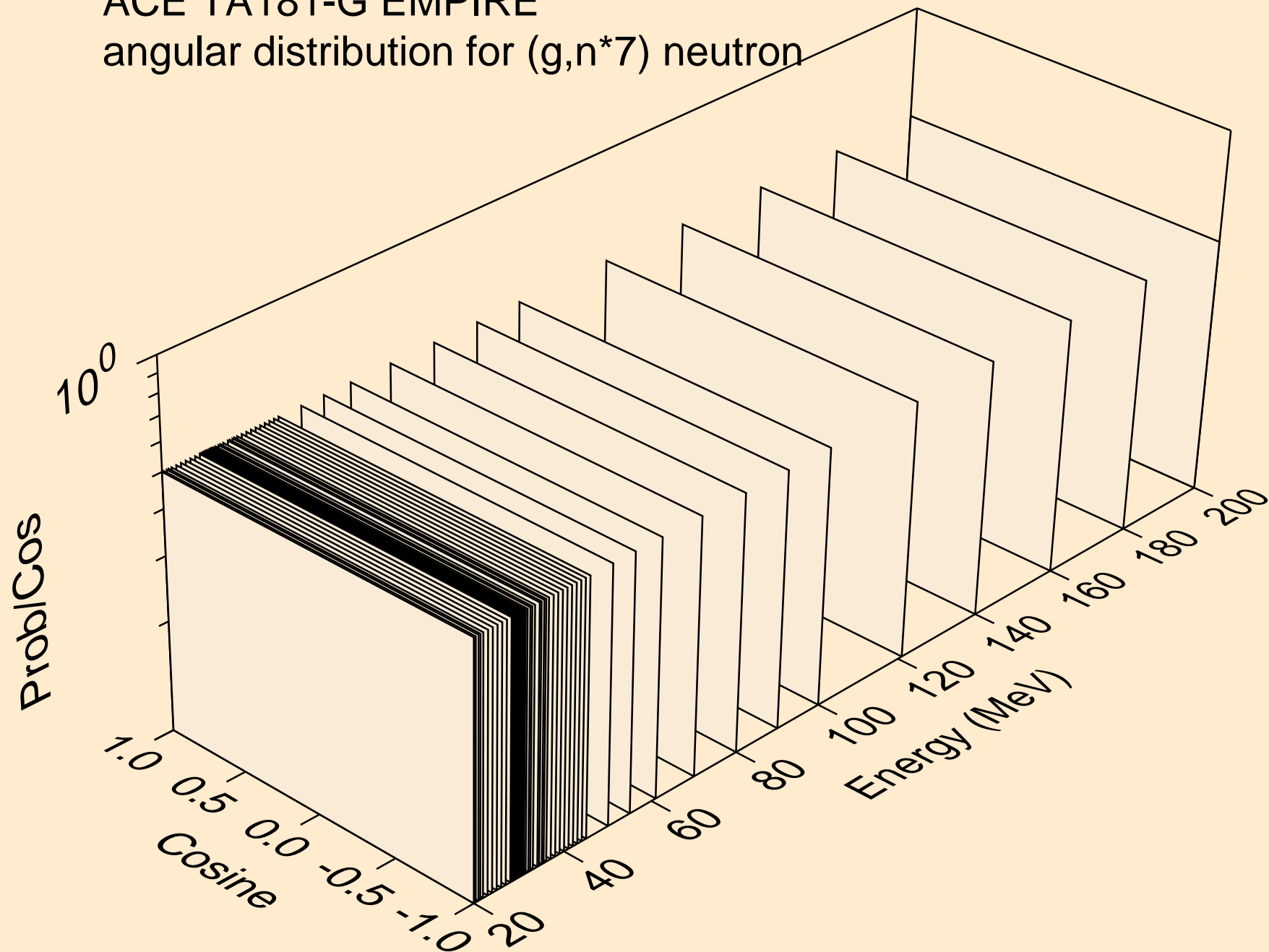
ACE TA181-G EMPIRE
angular distribution for (g,n*6) neutron



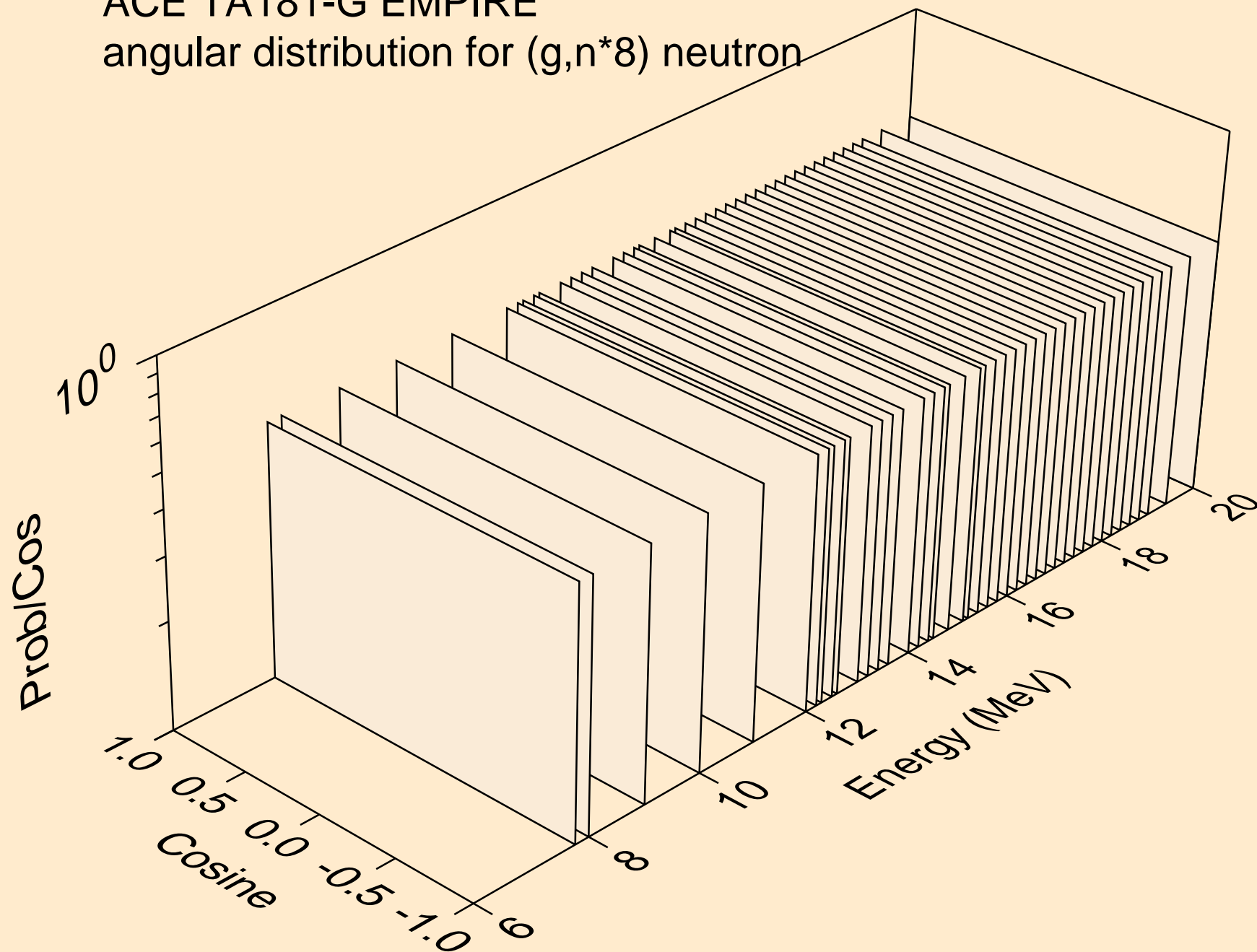
ACE TA181-G EMPIRE
angular distribution for (g,n*7) neutron



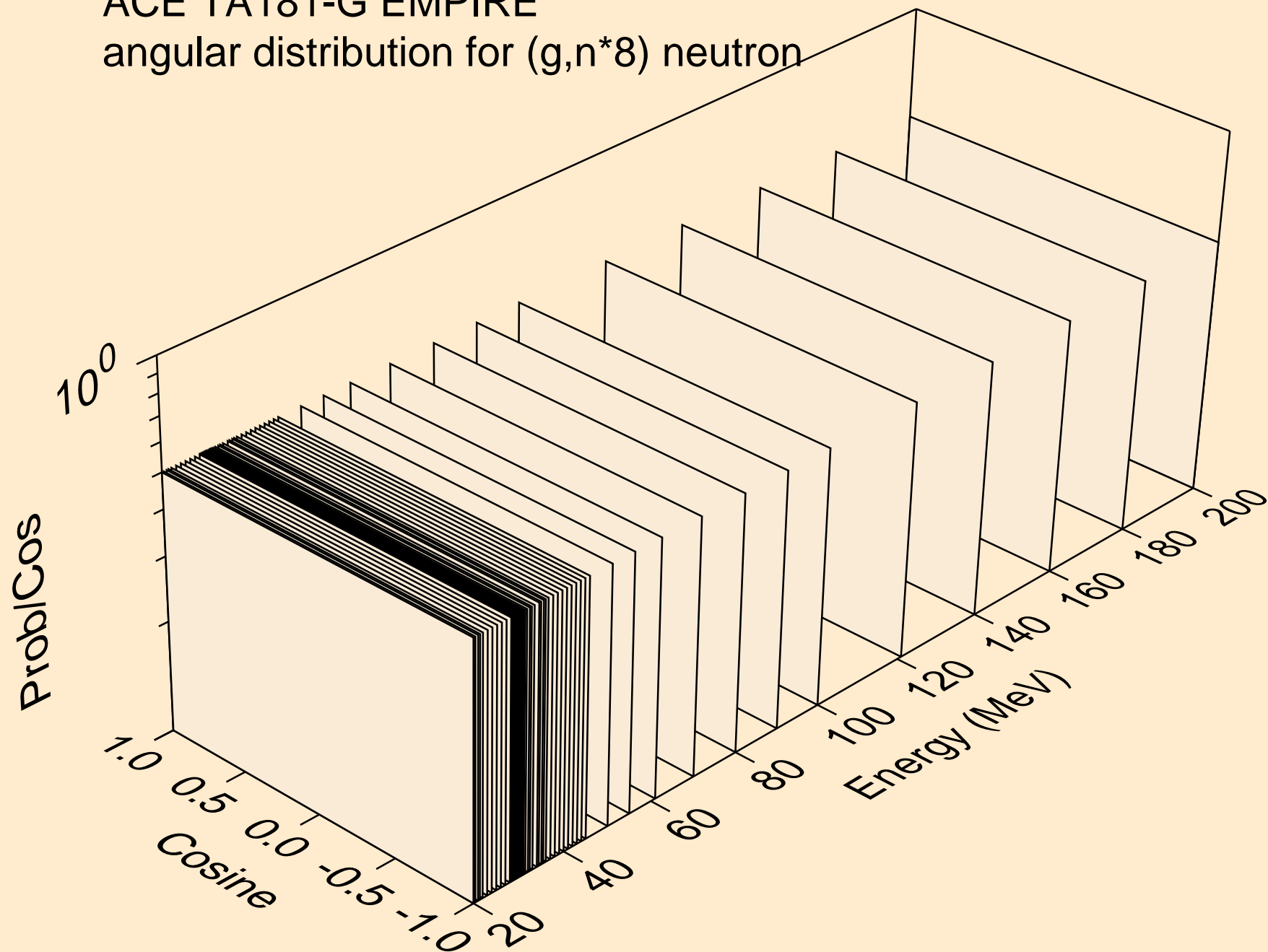
ACE TA181-G EMPIRE
angular distribution for (g,n*7) neutron



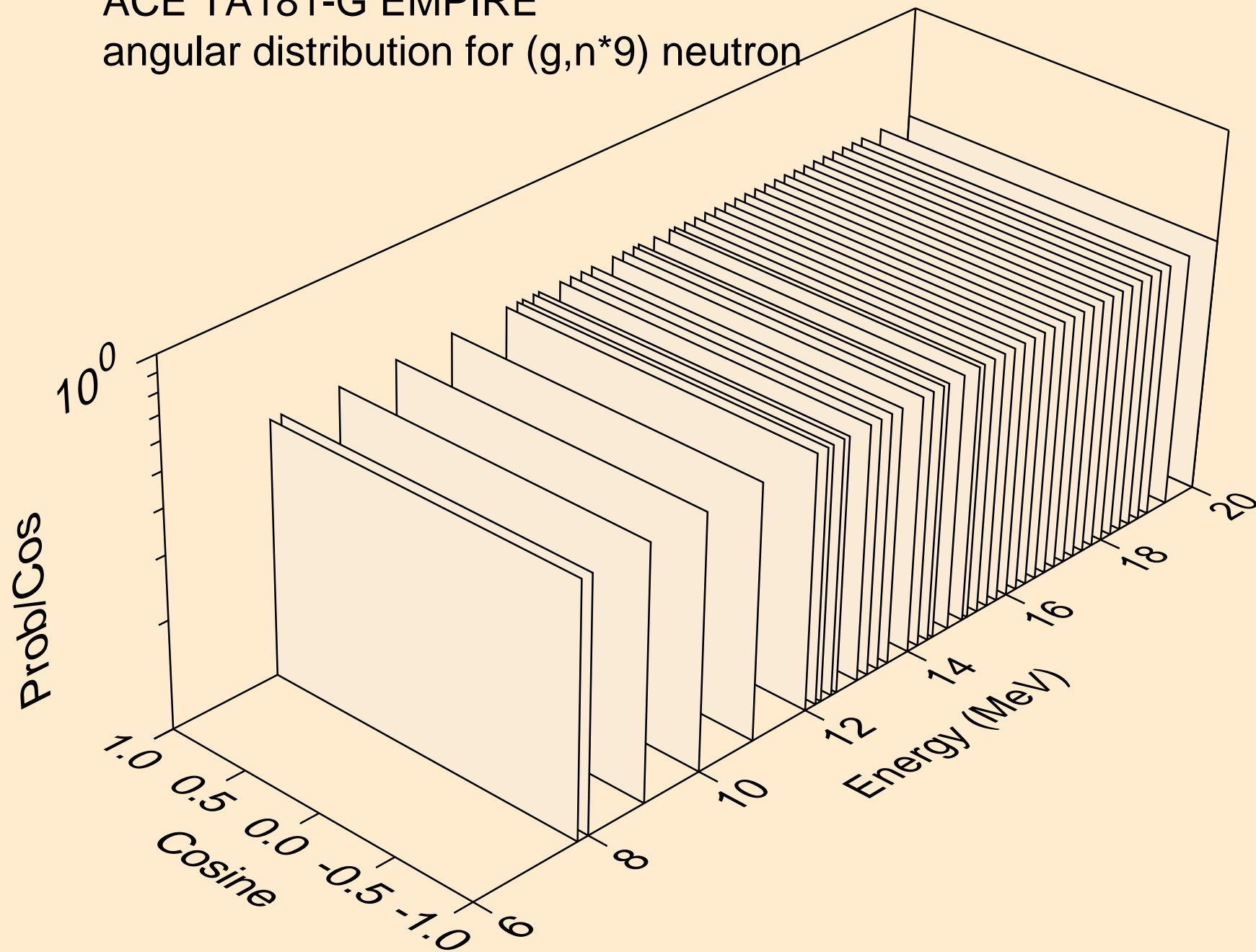
ACE TA181-G EMPIRE
angular distribution for (g,n*8) neutron



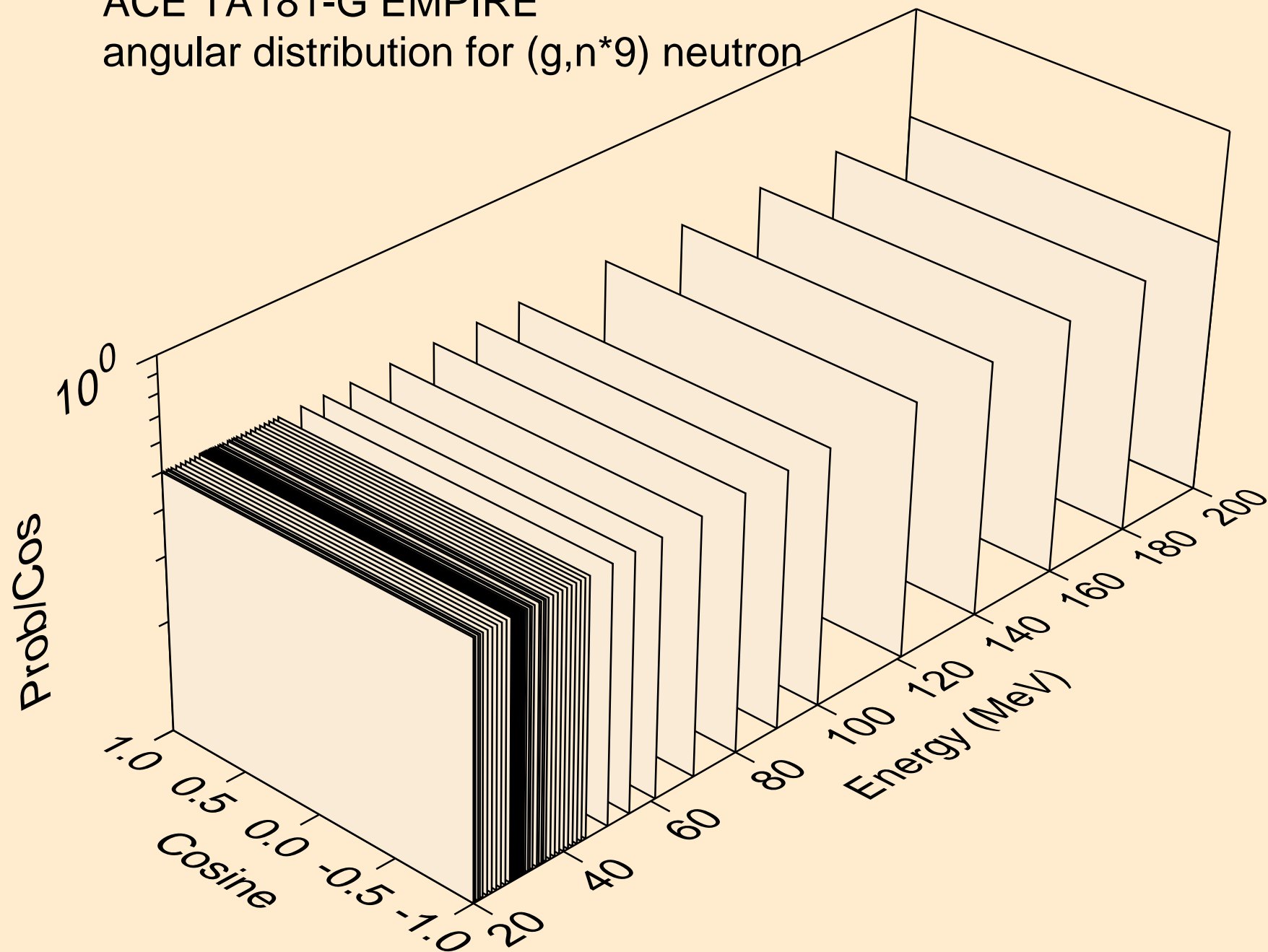
ACE TA181-G EMPIRE
angular distribution for (g,n*8) neutron



ACE TA181-G EMPIRE
angular distribution for (g,n*9) neutron

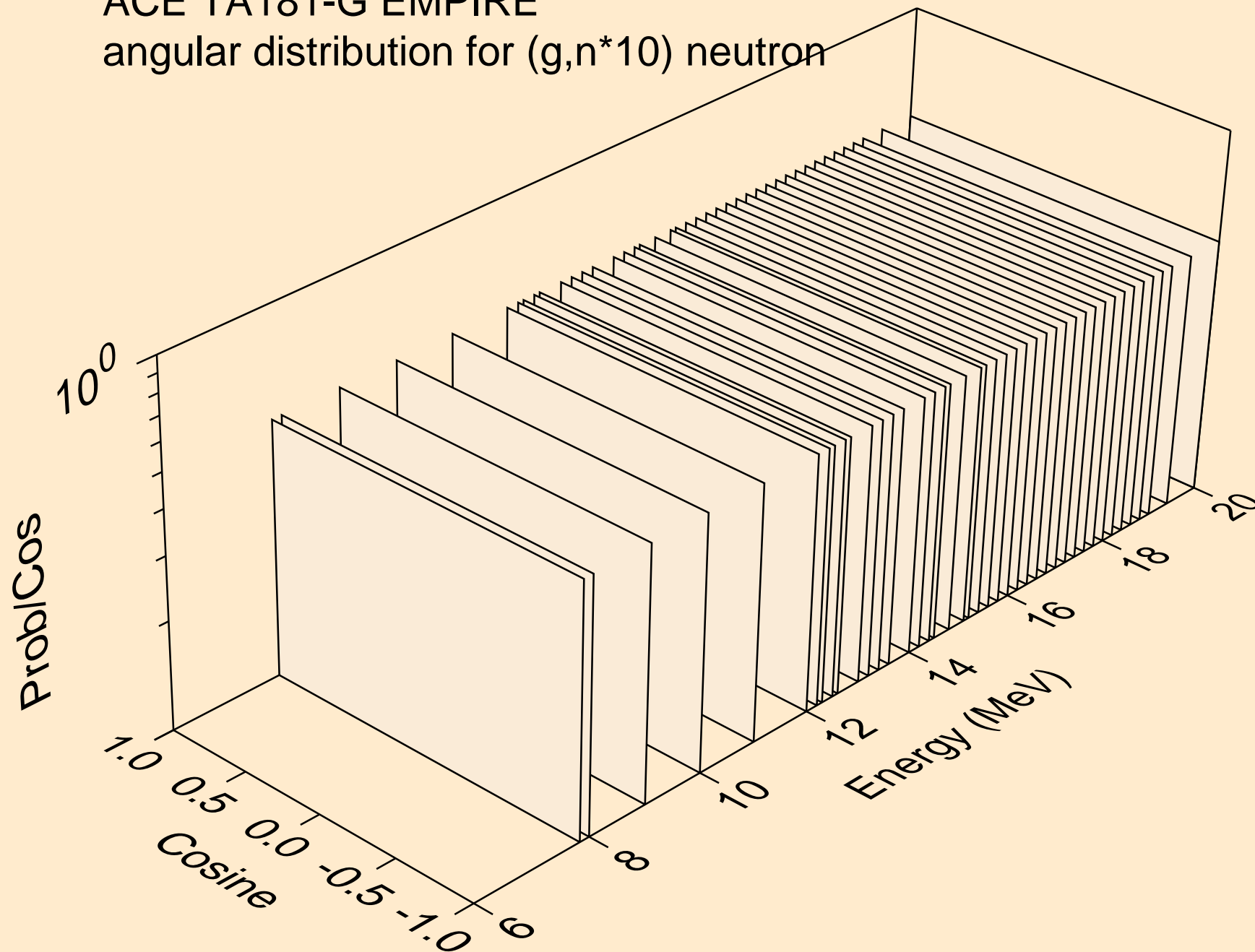


ACE TA181-G EMPIRE
angular distribution for (g,n*9) neutron



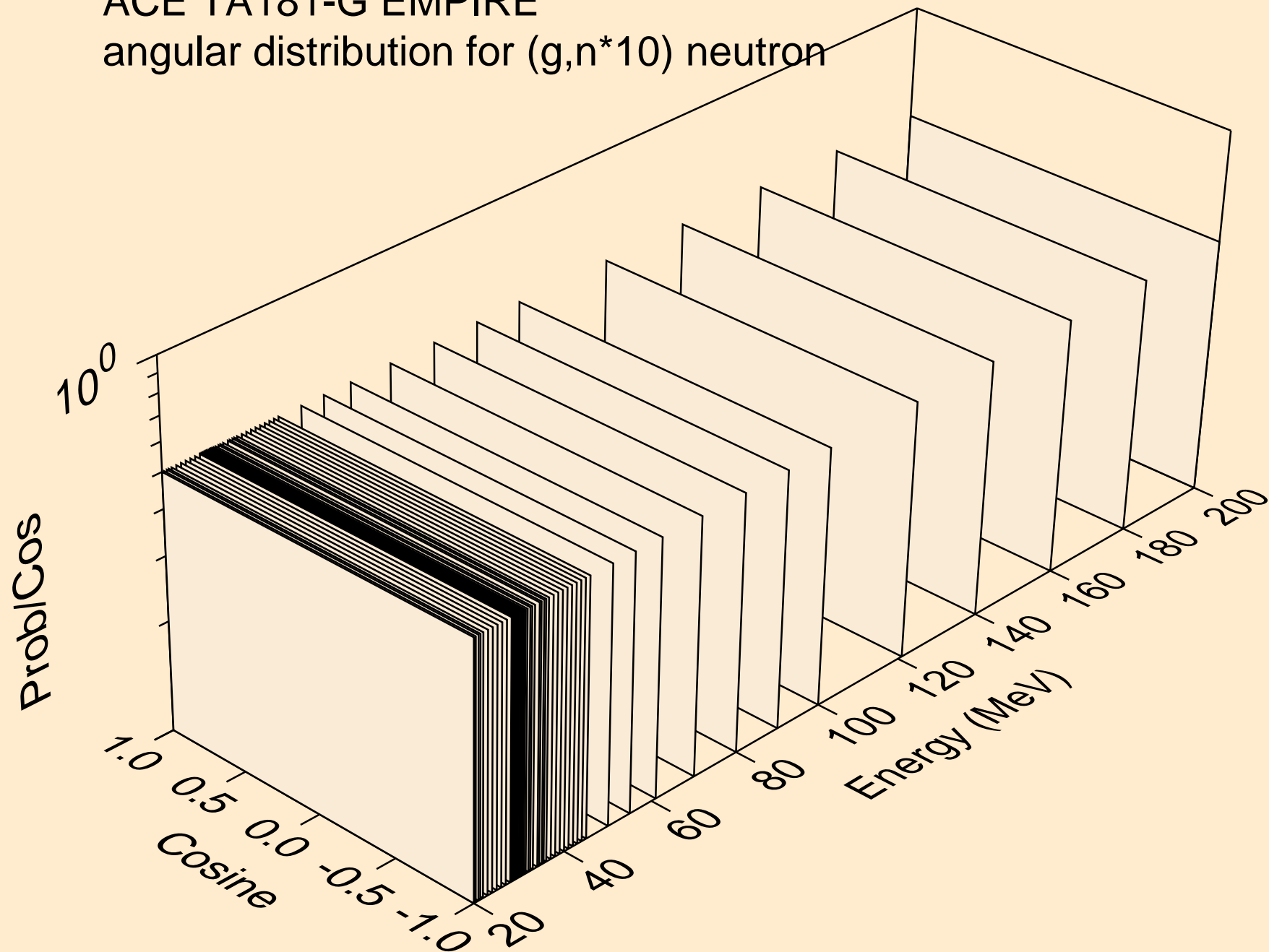
ACE TA181-G EMPIRE

angular distribution for (g,n*10) neutron



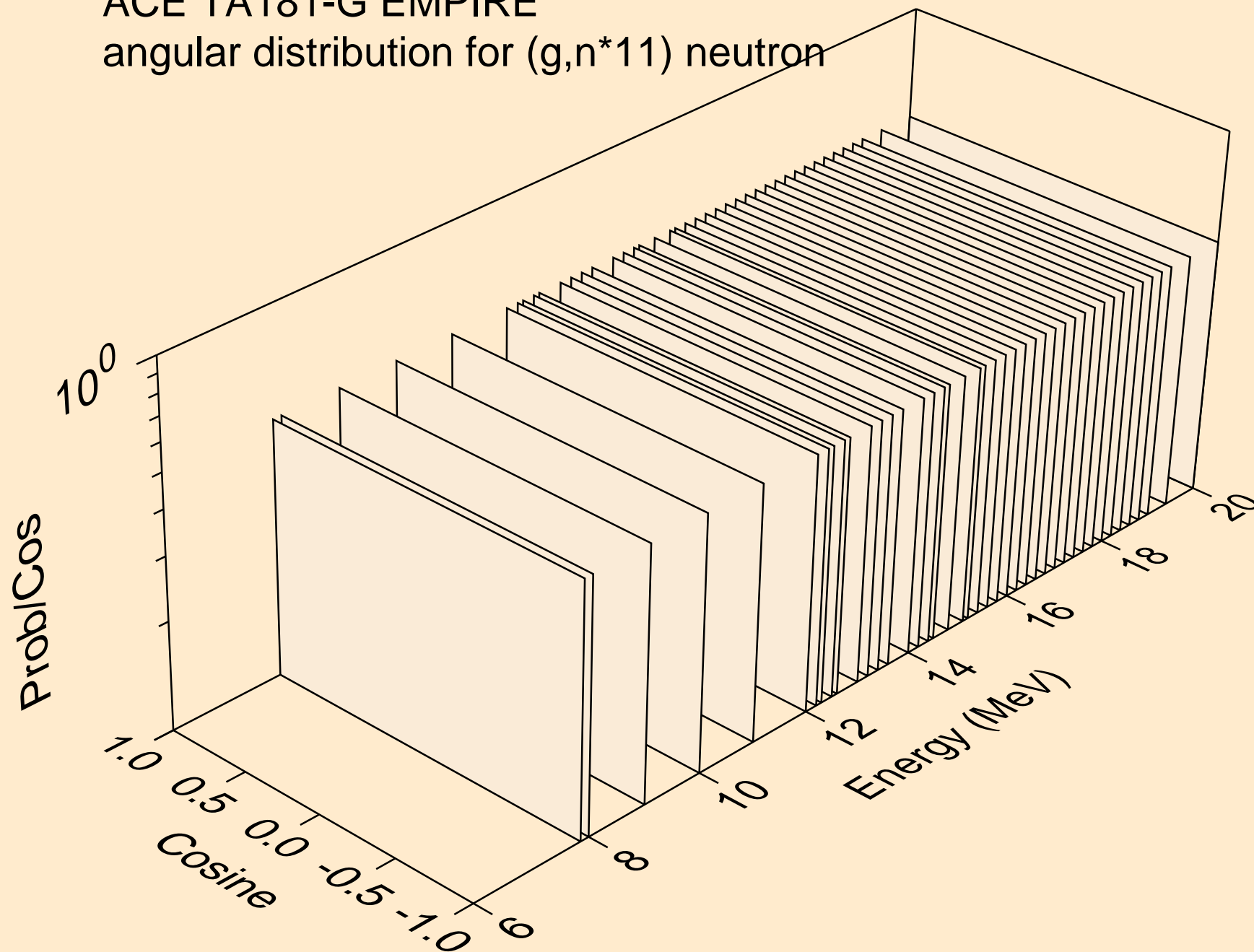
ACE TA181-G EMPIRE

angular distribution for (g,n*10) neutron



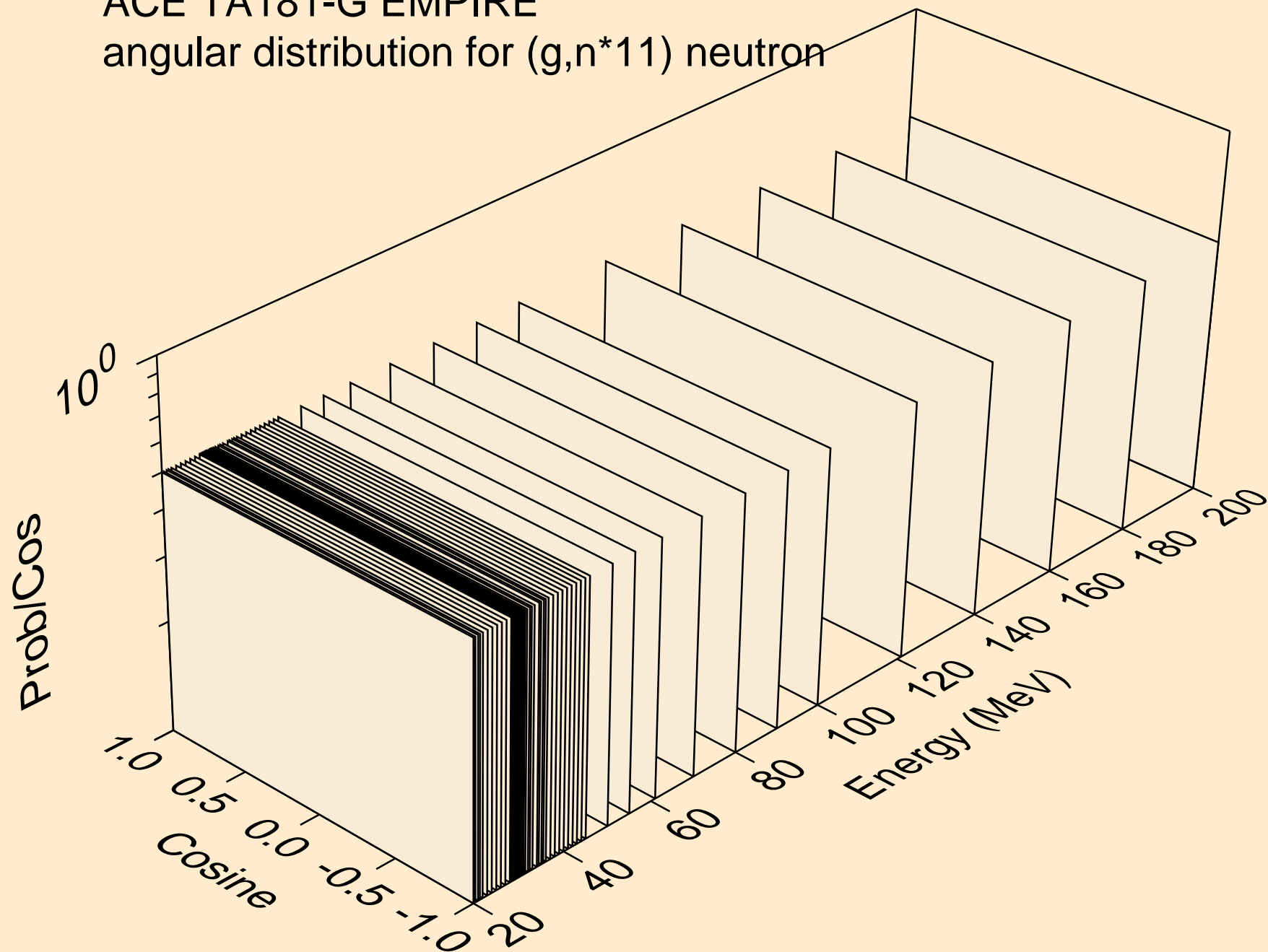
ACE TA181-G EMPIRE

angular distribution for (g,n*11) neutron



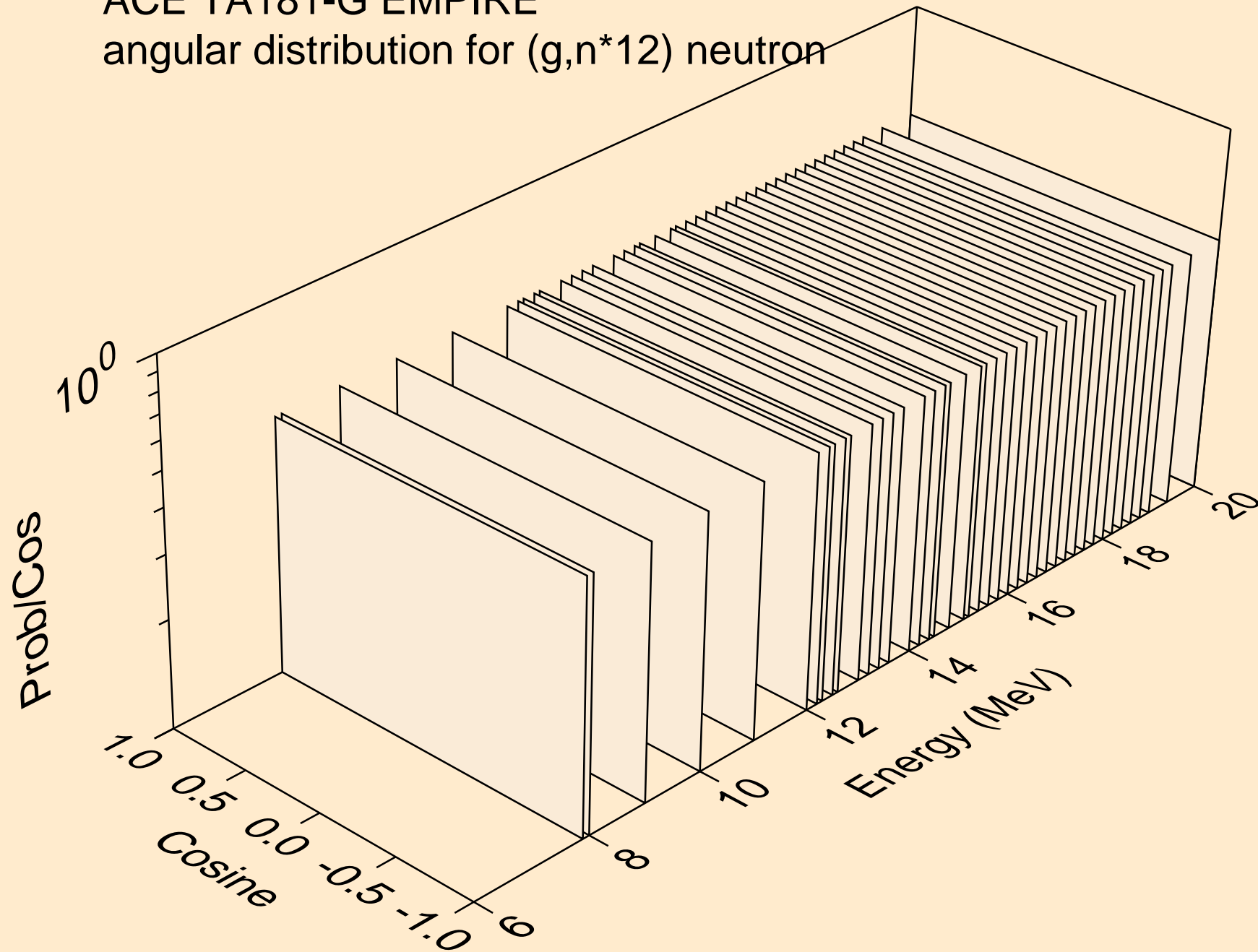
ACE TA181-G EMPIRE

angular distribution for (g,n*11) neutron



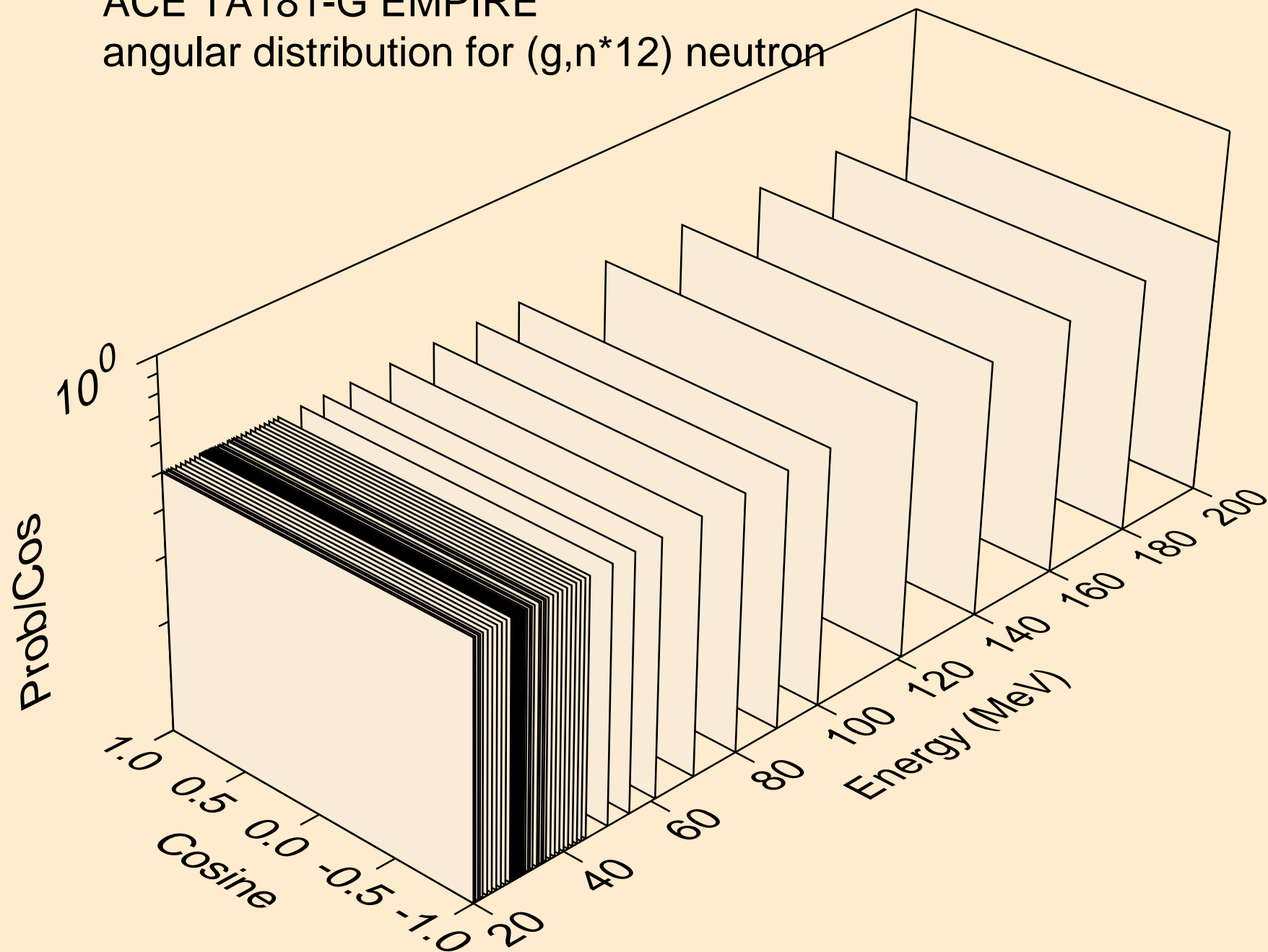
ACE TA181-G EMPIRE

angular distribution for (g,n*12) neutron



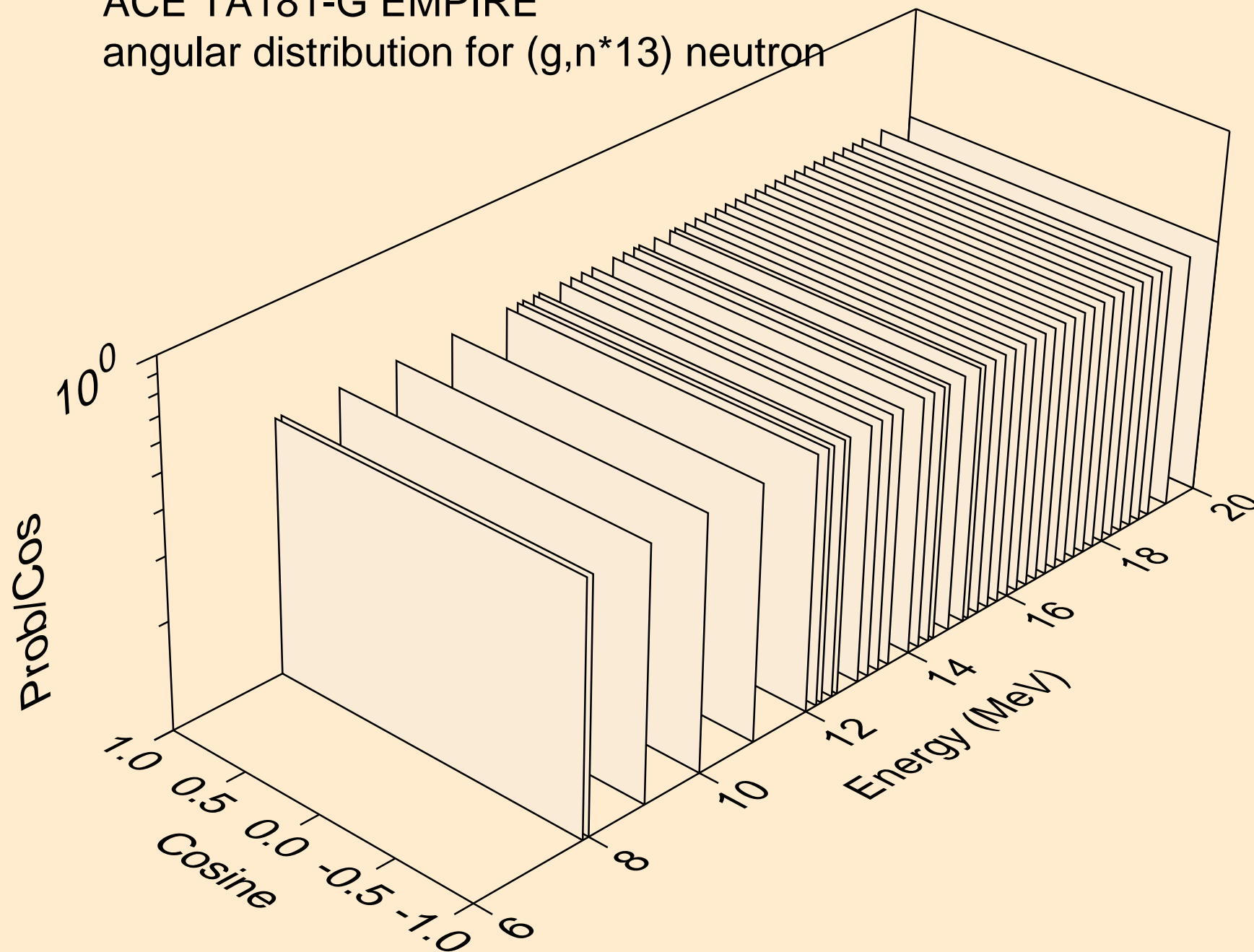
ACE TA181-G EMPIRE

angular distribution for (g,n*12) neutron



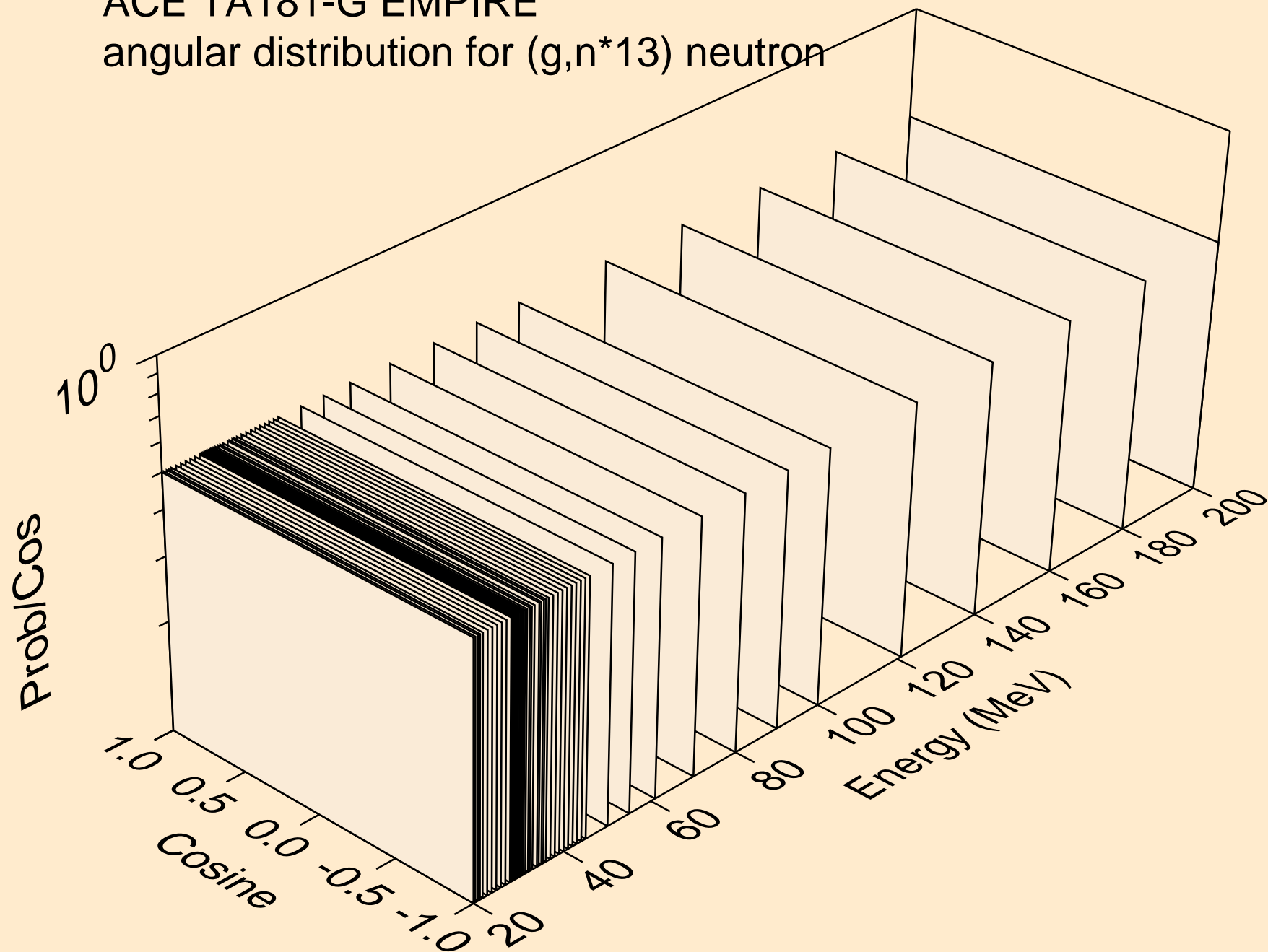
ACE TA181-G EMPIRE

angular distribution for (g,n*13) neutron



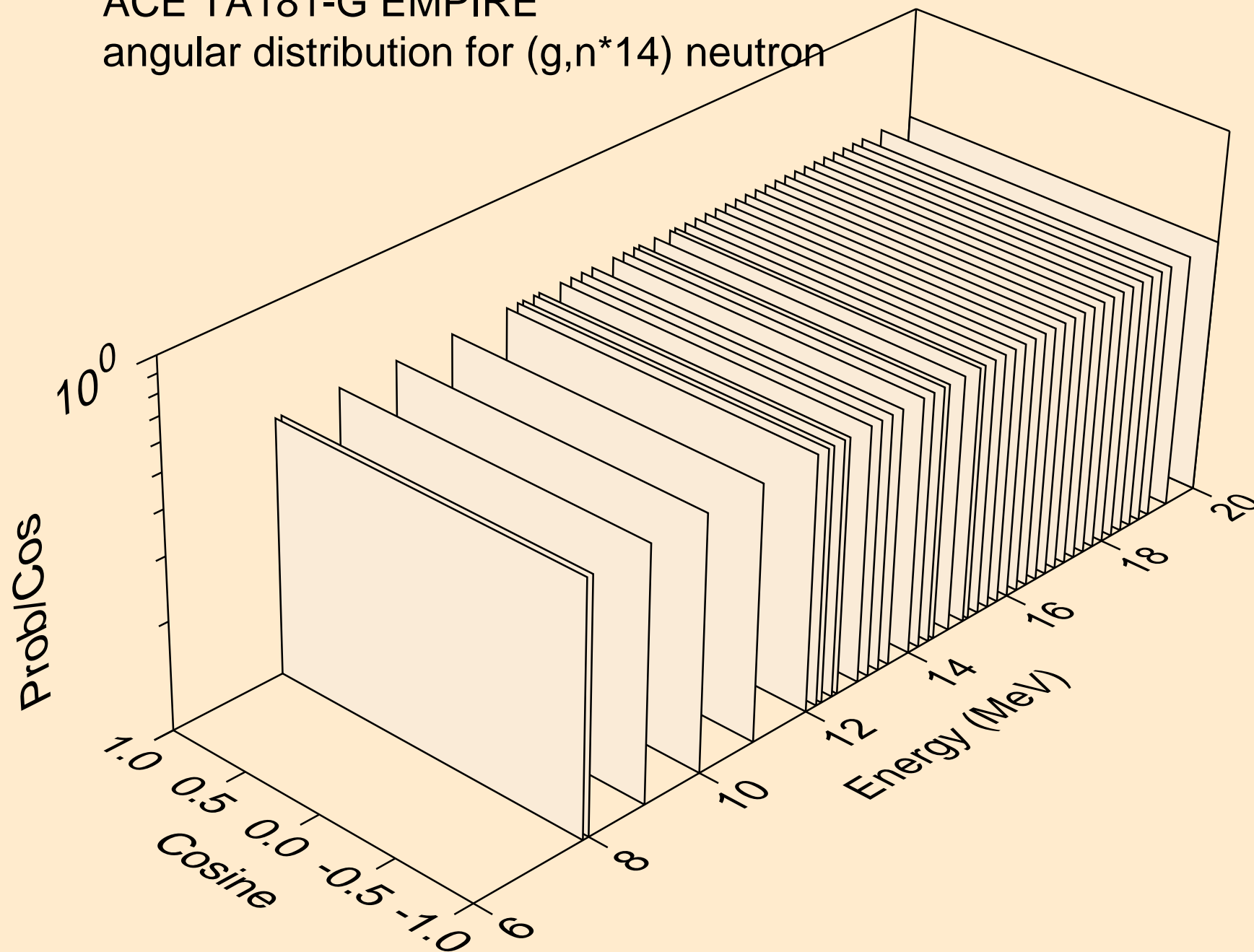
ACE TA181-G EMPIRE

angular distribution for (g,n*13) neutron



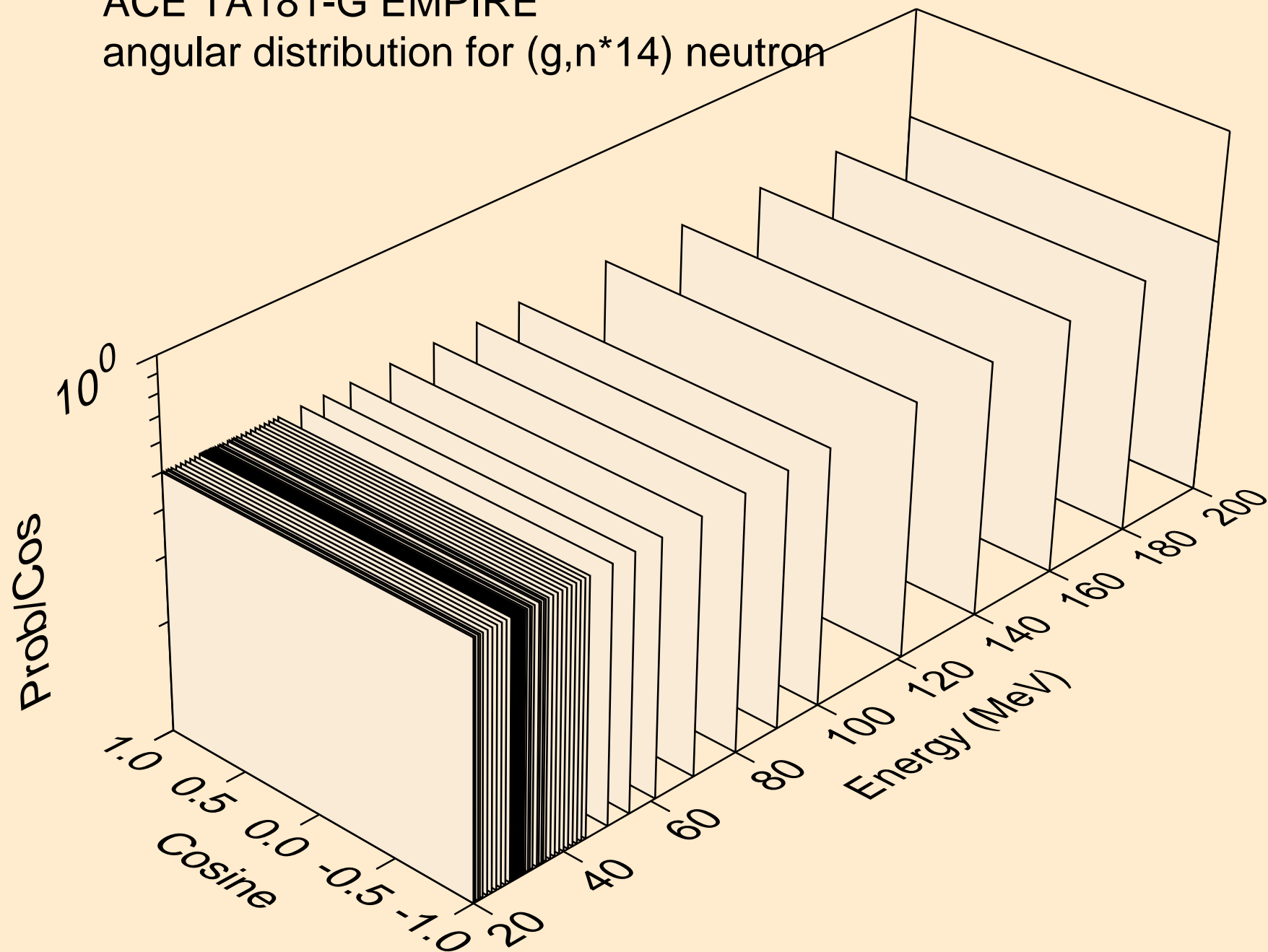
ACE TA181-G EMPIRE

angular distribution for (g,n*14) neutron



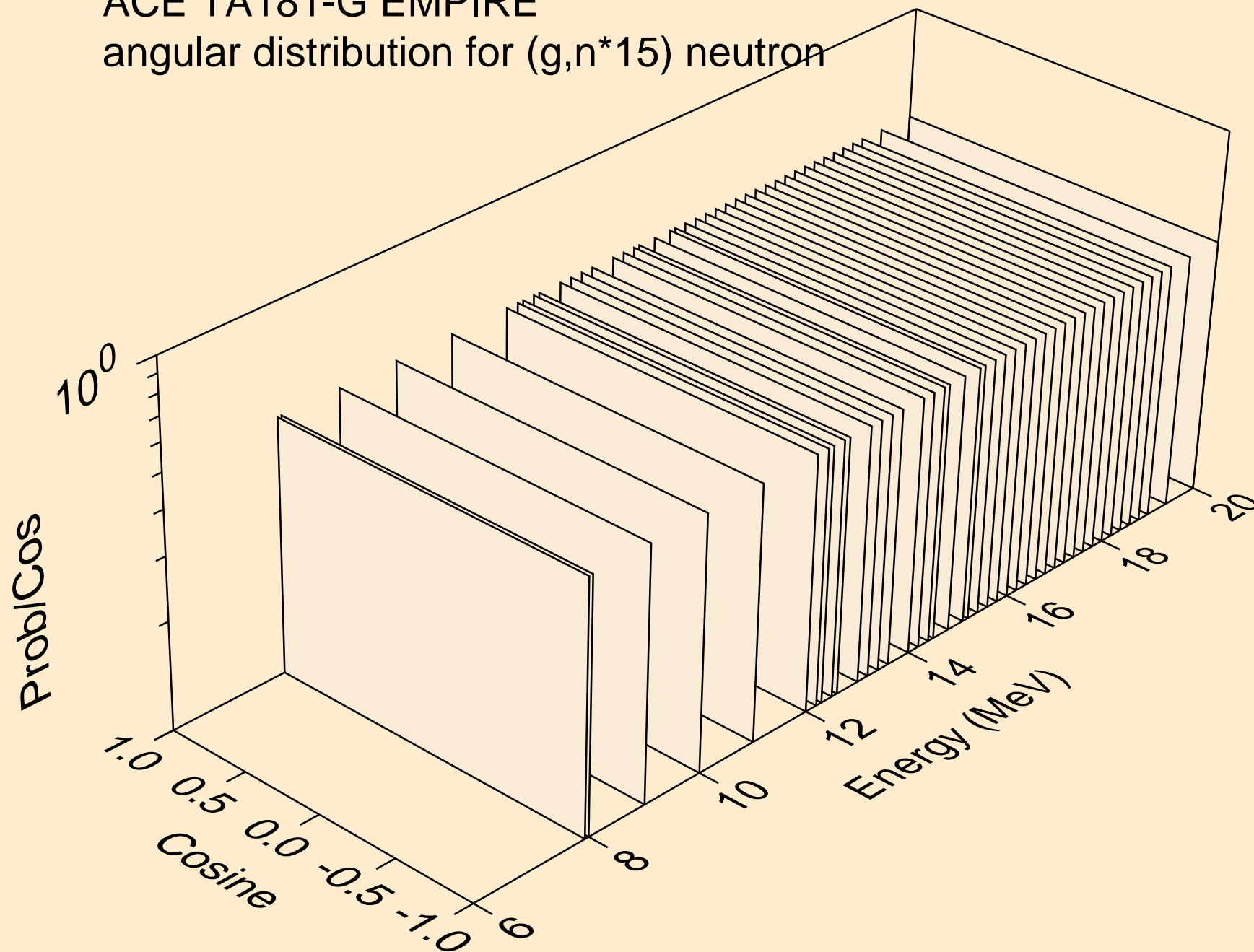
ACE TA181-G EMPIRE

angular distribution for (g,n*14) neutron



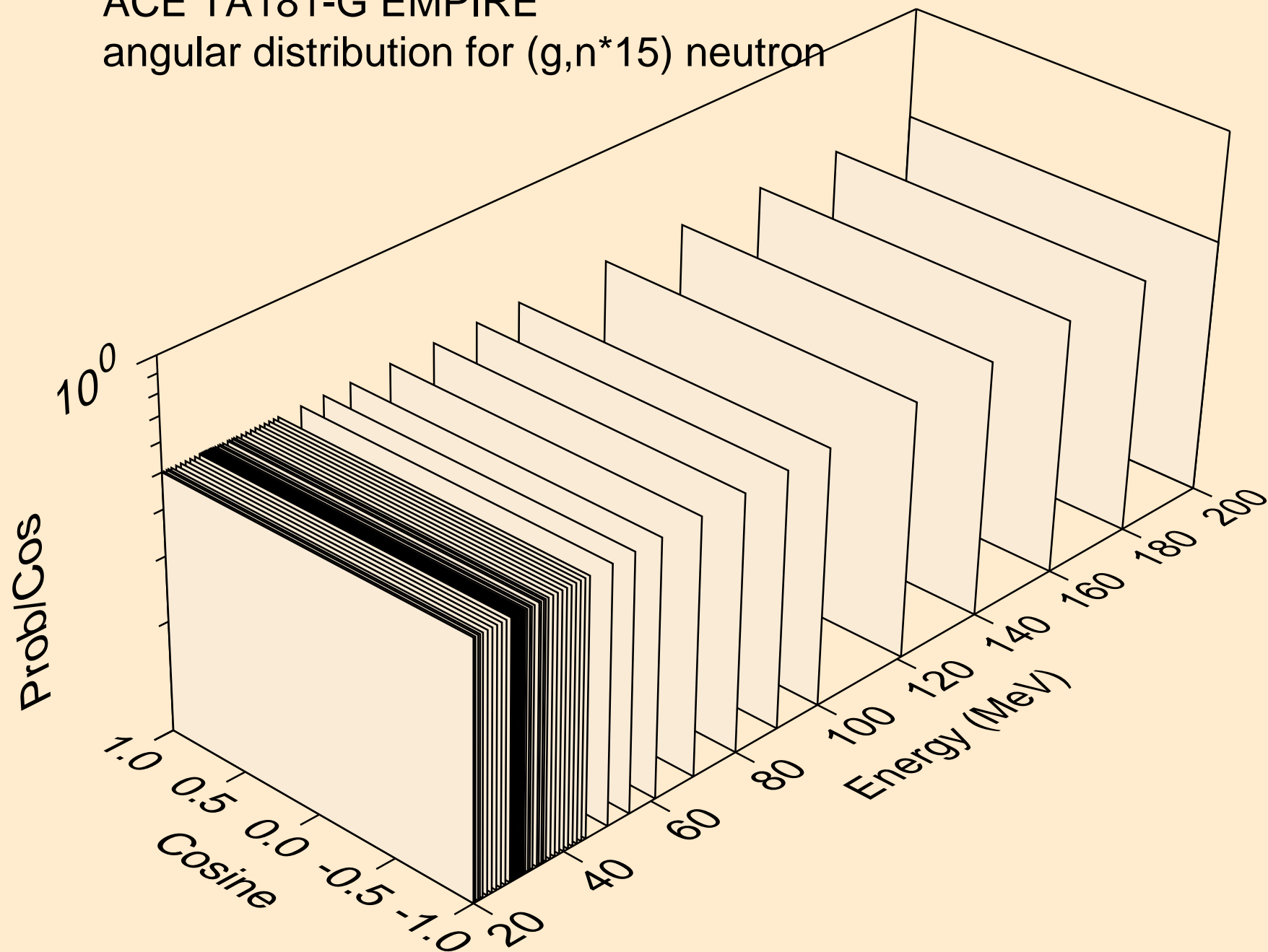
ACE TA181-G EMPIRE

angular distribution for (g,n*15) neutron



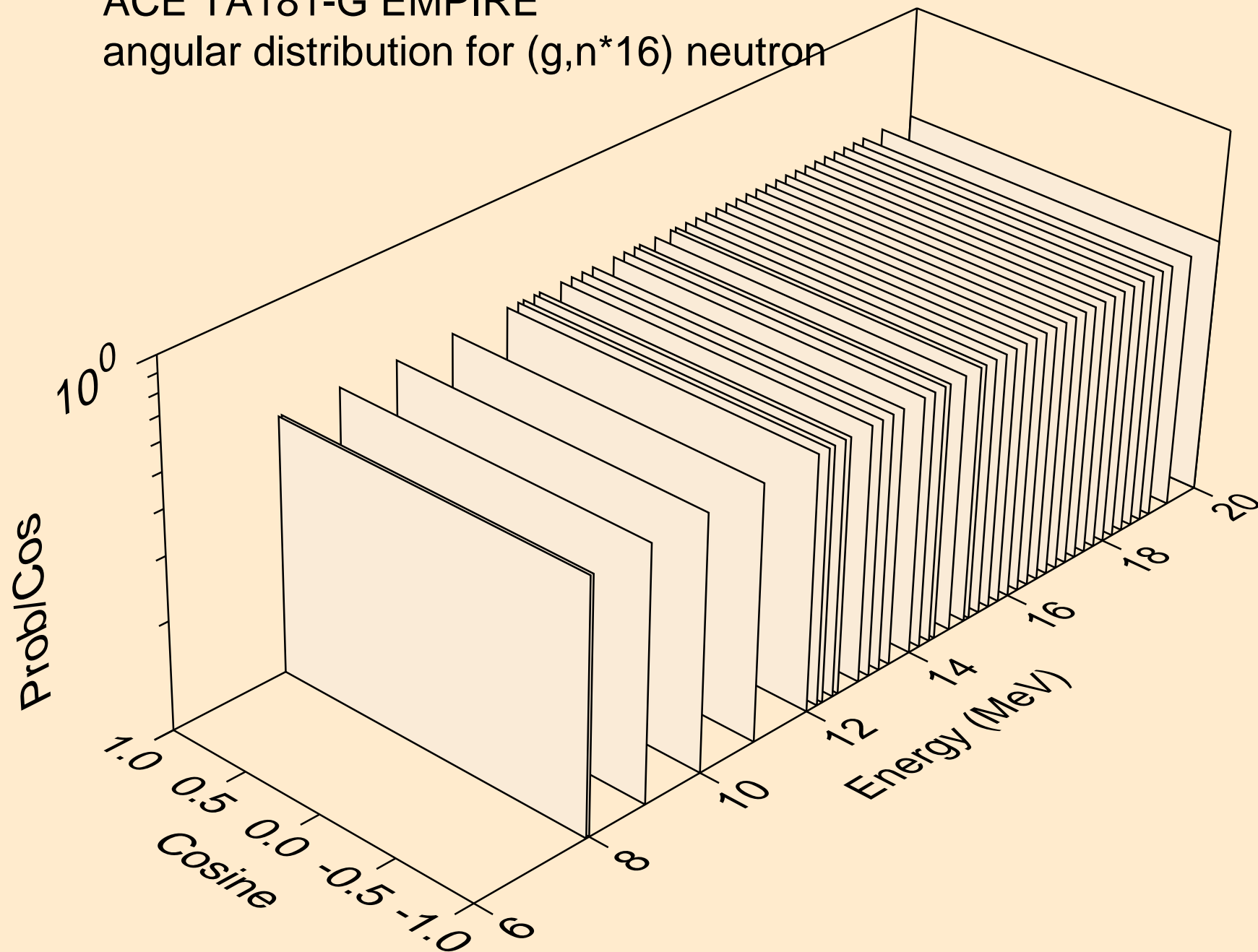
ACE TA181-G EMPIRE

angular distribution for (g,n*15) neutron



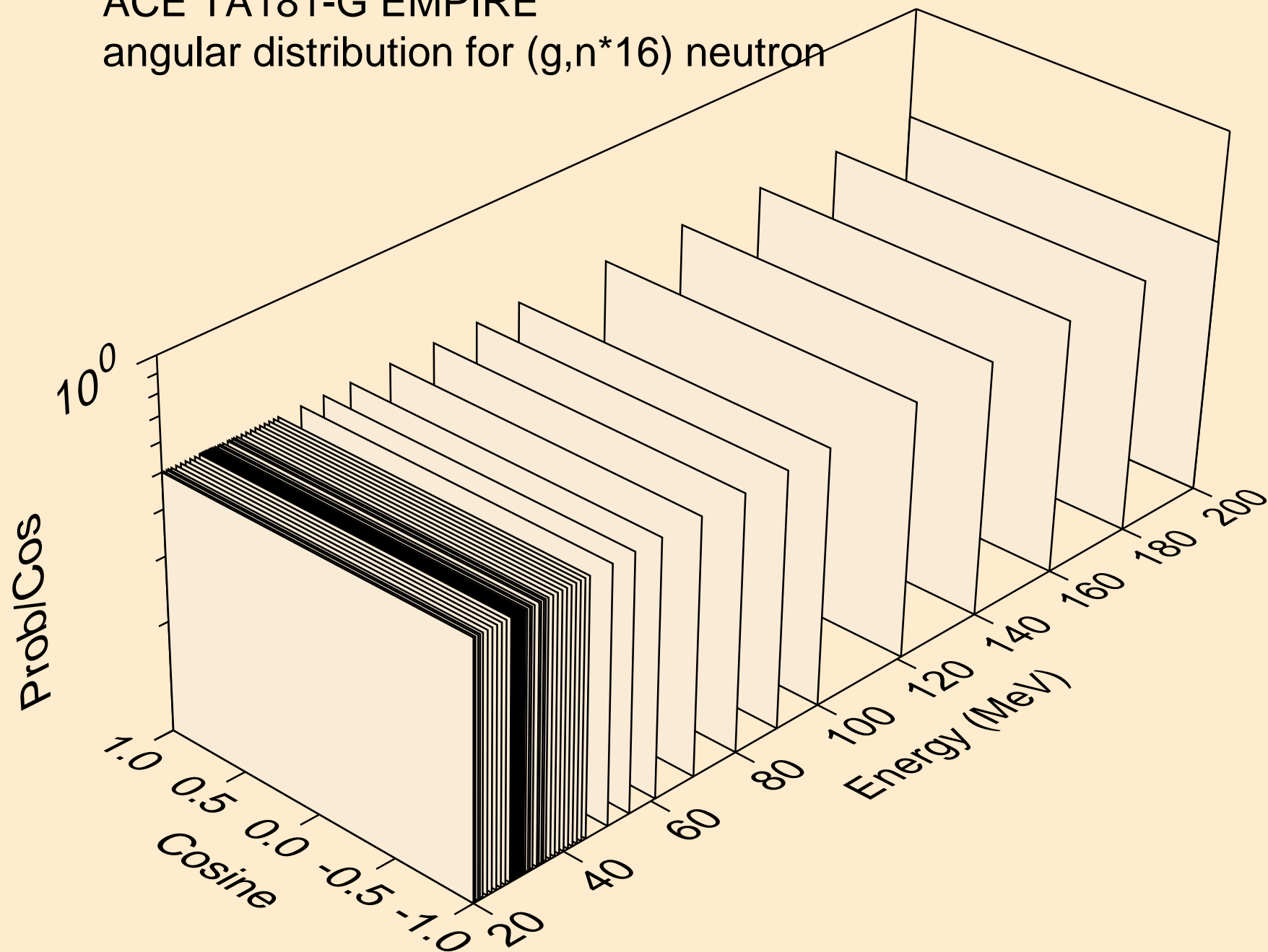
ACE TA181-G EMPIRE

angular distribution for (g,n*16) neutron



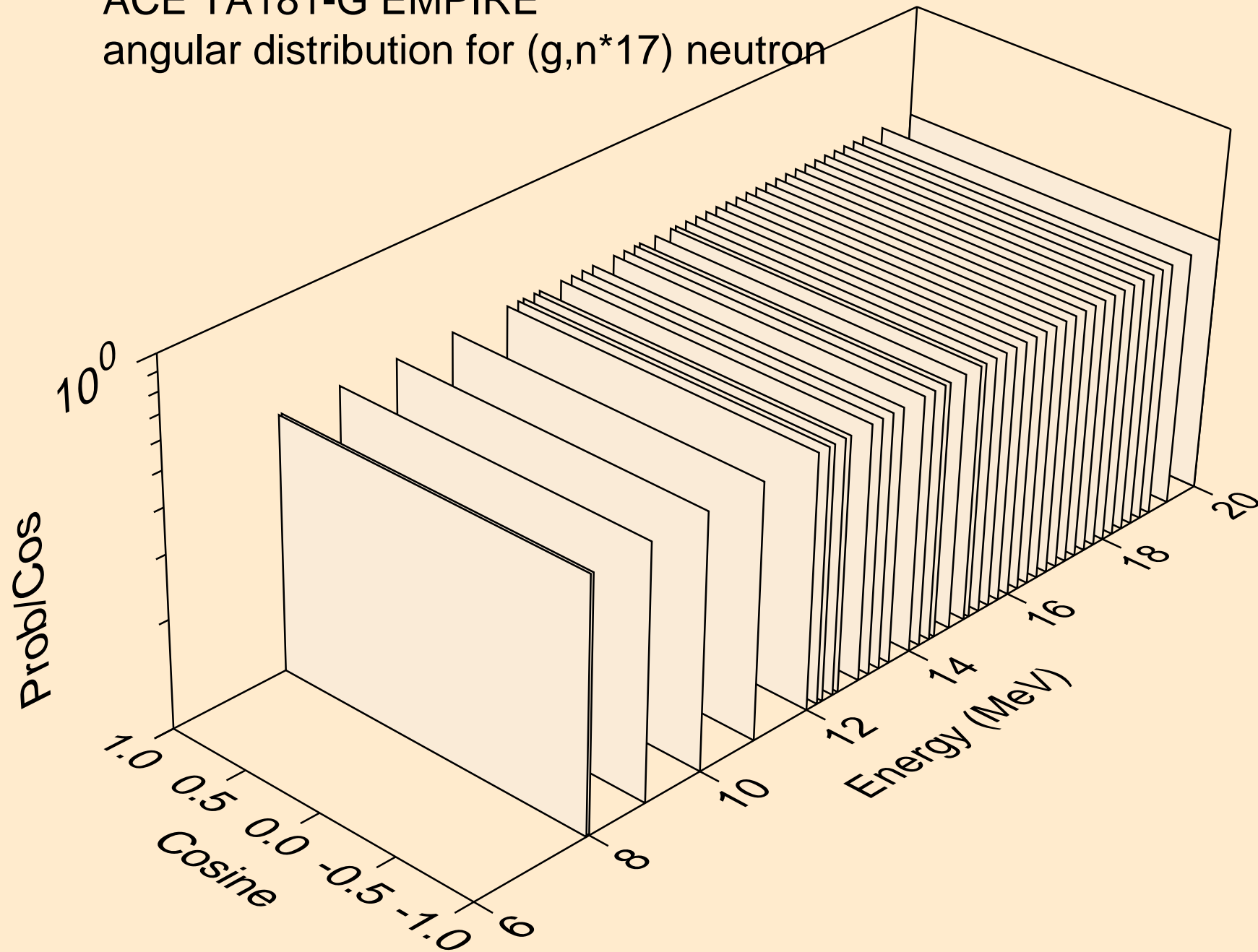
ACE TA181-G EMPIRE

angular distribution for (g,n*16) neutron



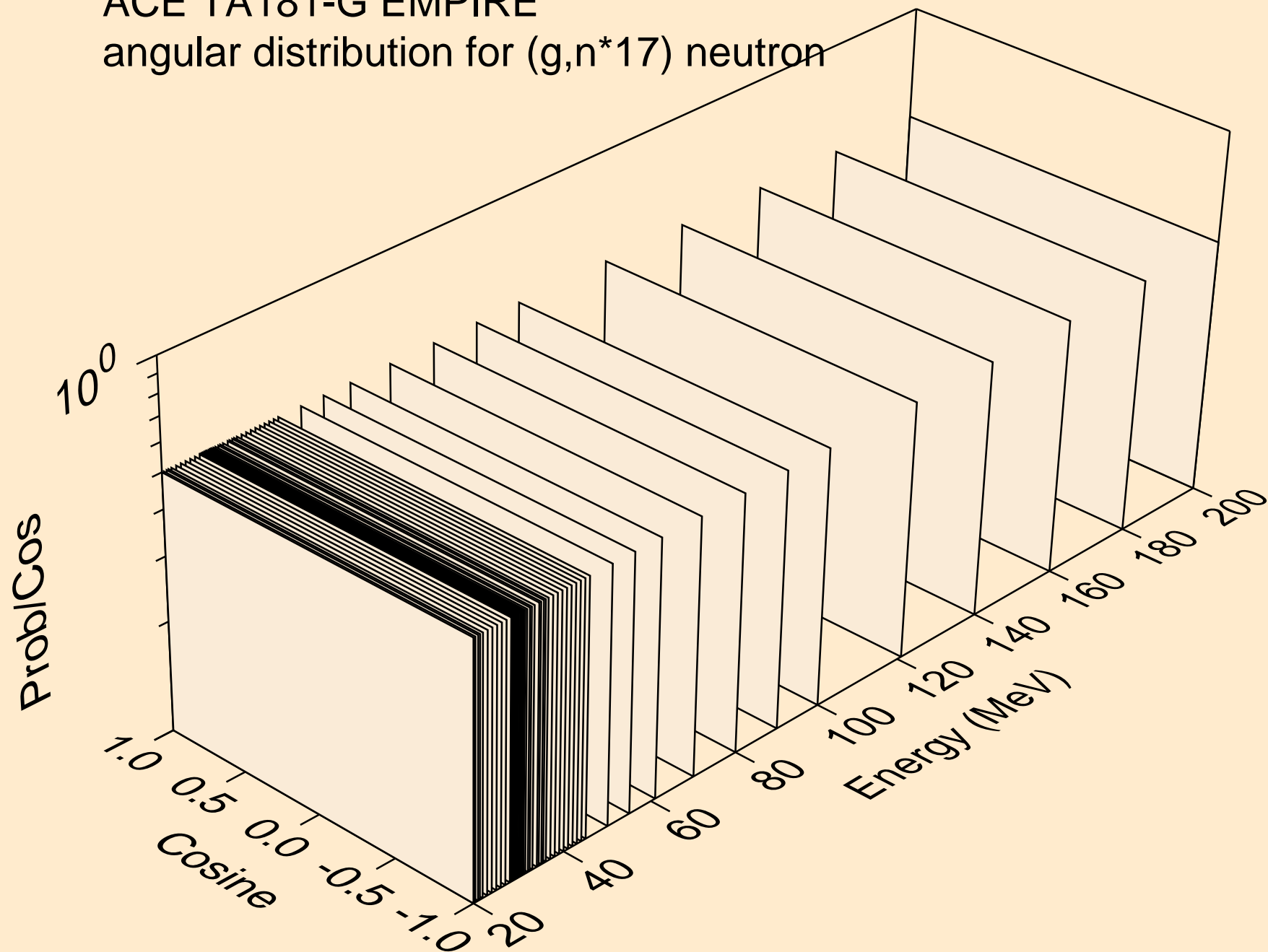
ACE TA181-G EMPIRE

angular distribution for (g,n*17) neutron



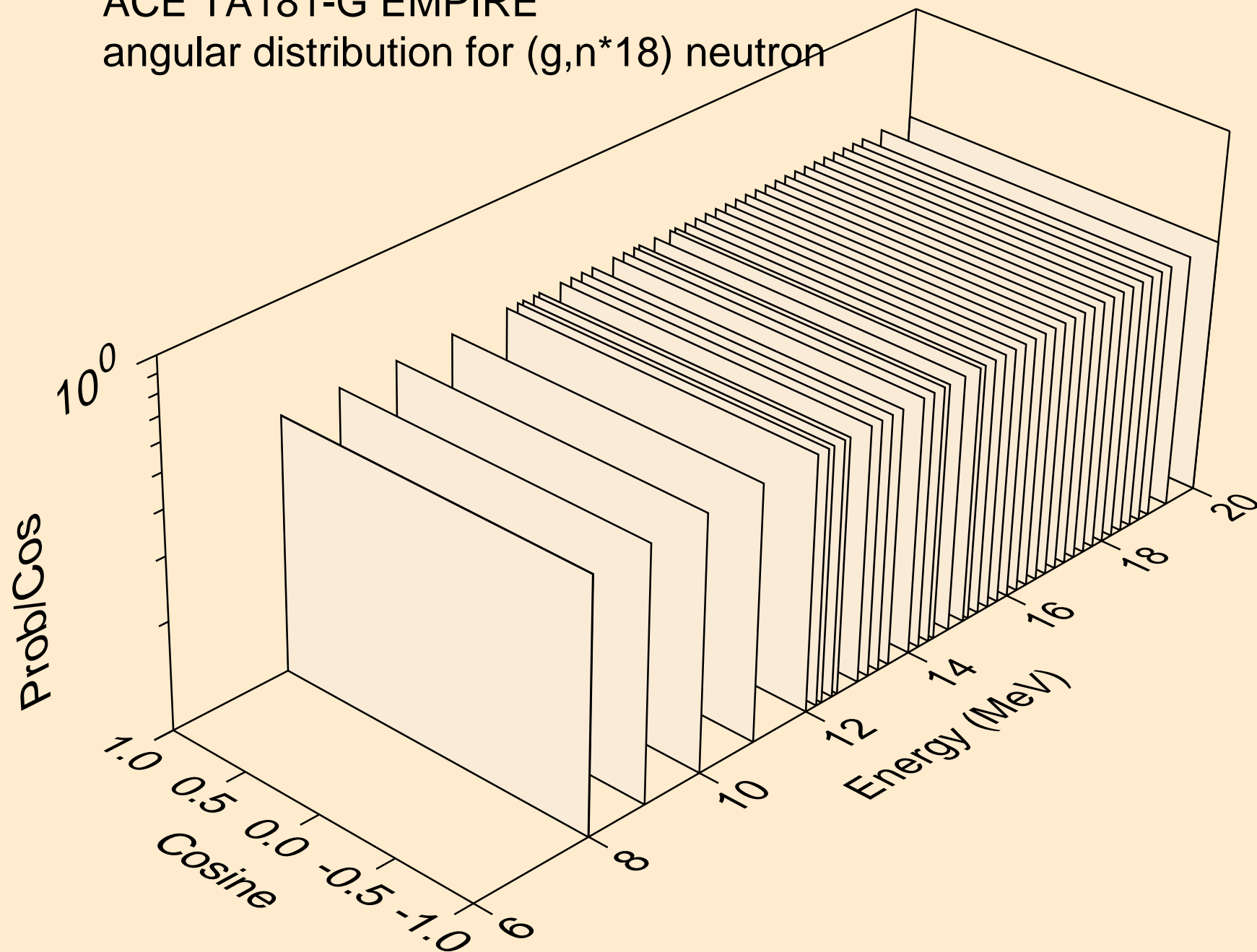
ACE TA181-G EMPIRE

angular distribution for (g,n*17) neutron



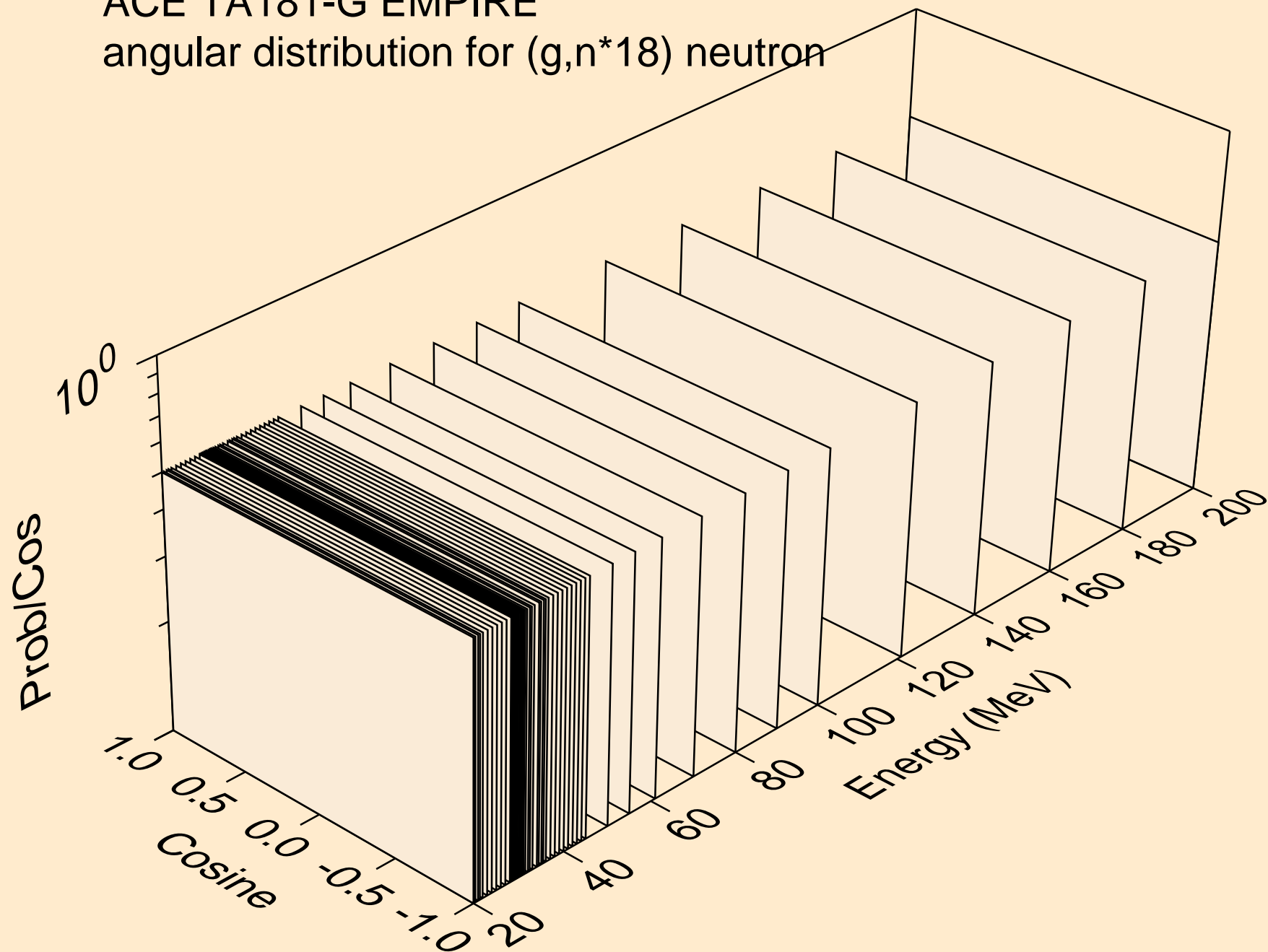
ACE TA181-G EMPIRE

angular distribution for (g,n*18) neutron



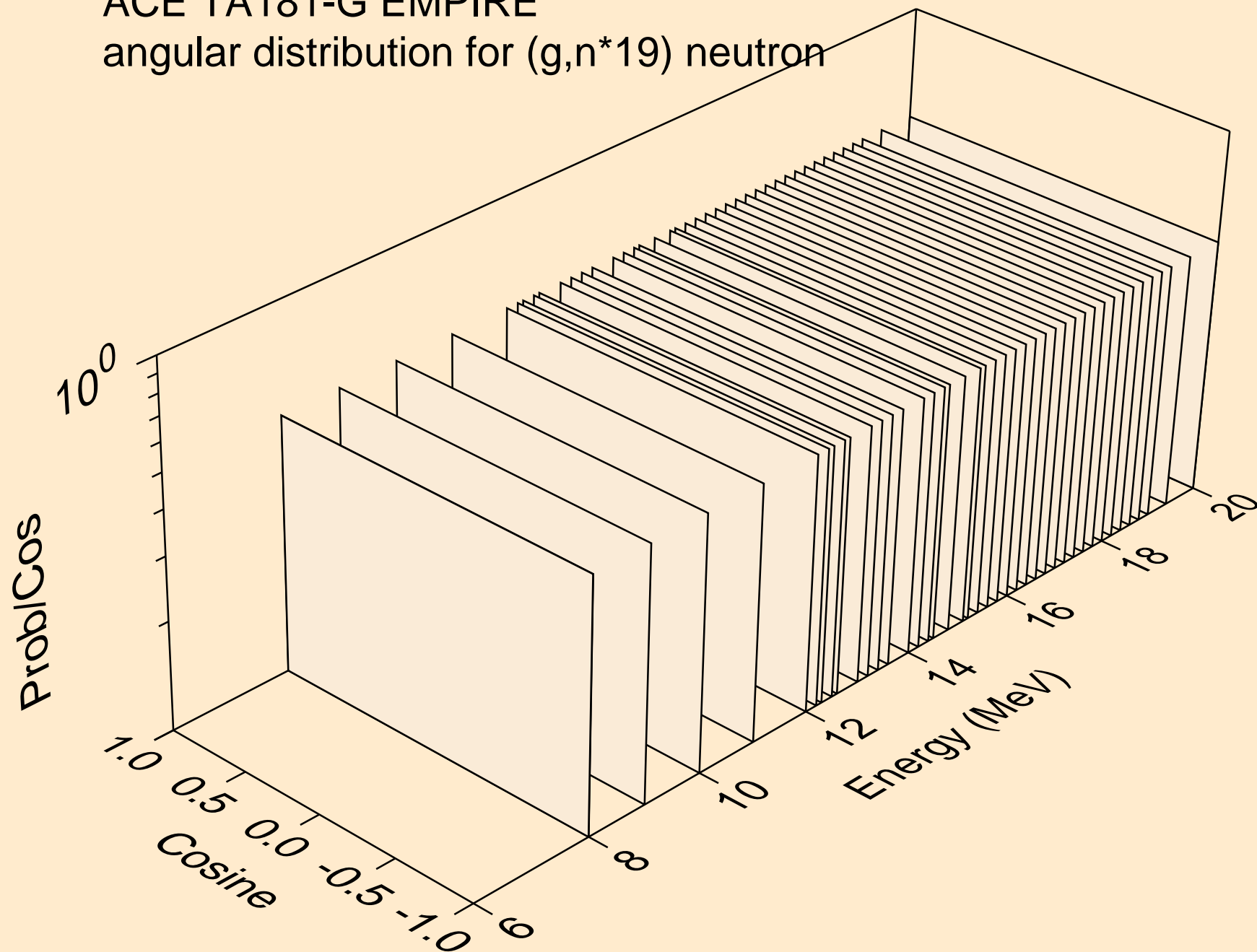
ACE TA181-G EMPIRE

angular distribution for (g,n*18) neutron



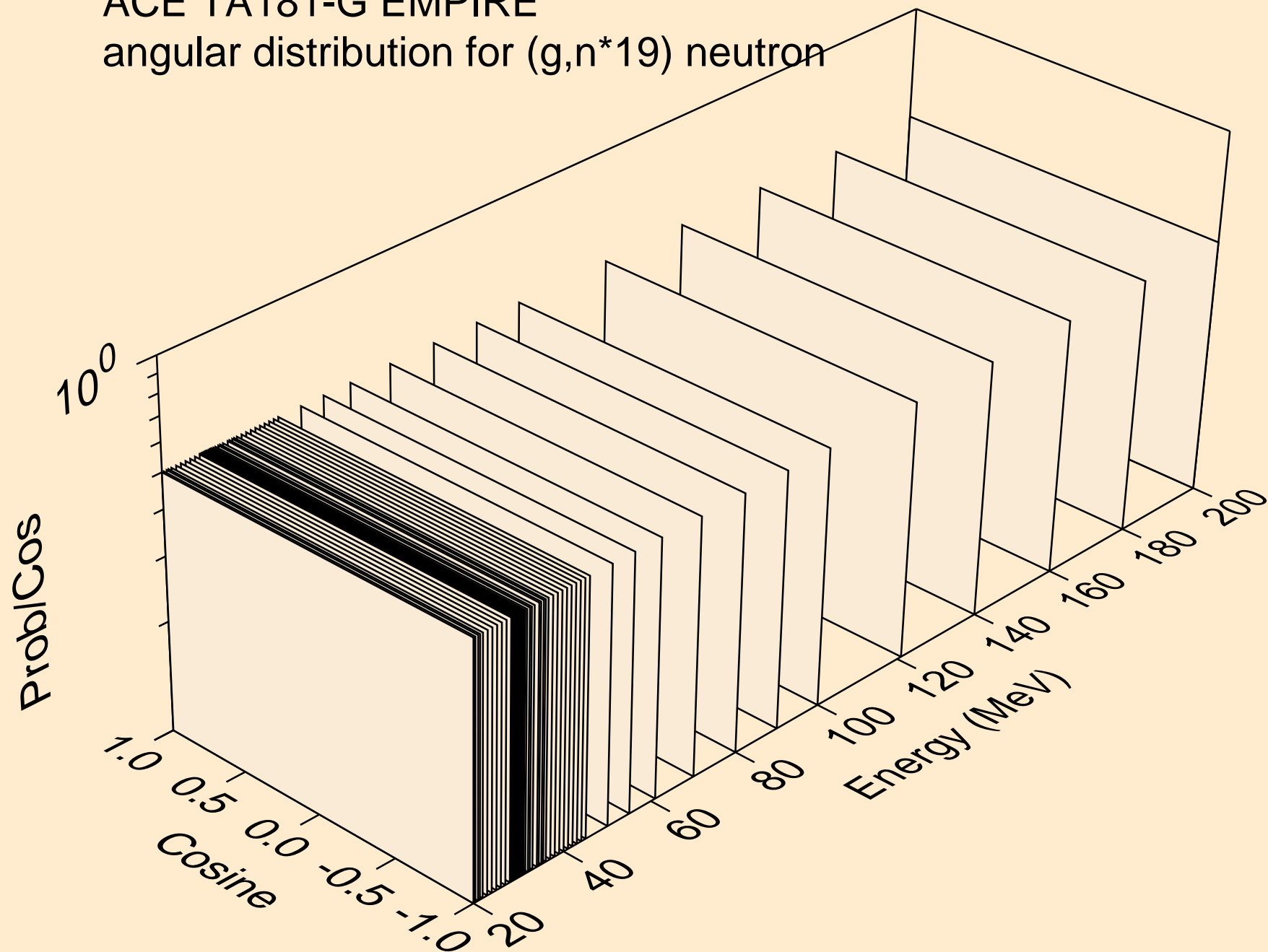
ACE TA181-G EMPIRE

angular distribution for (g,n*19) neutron



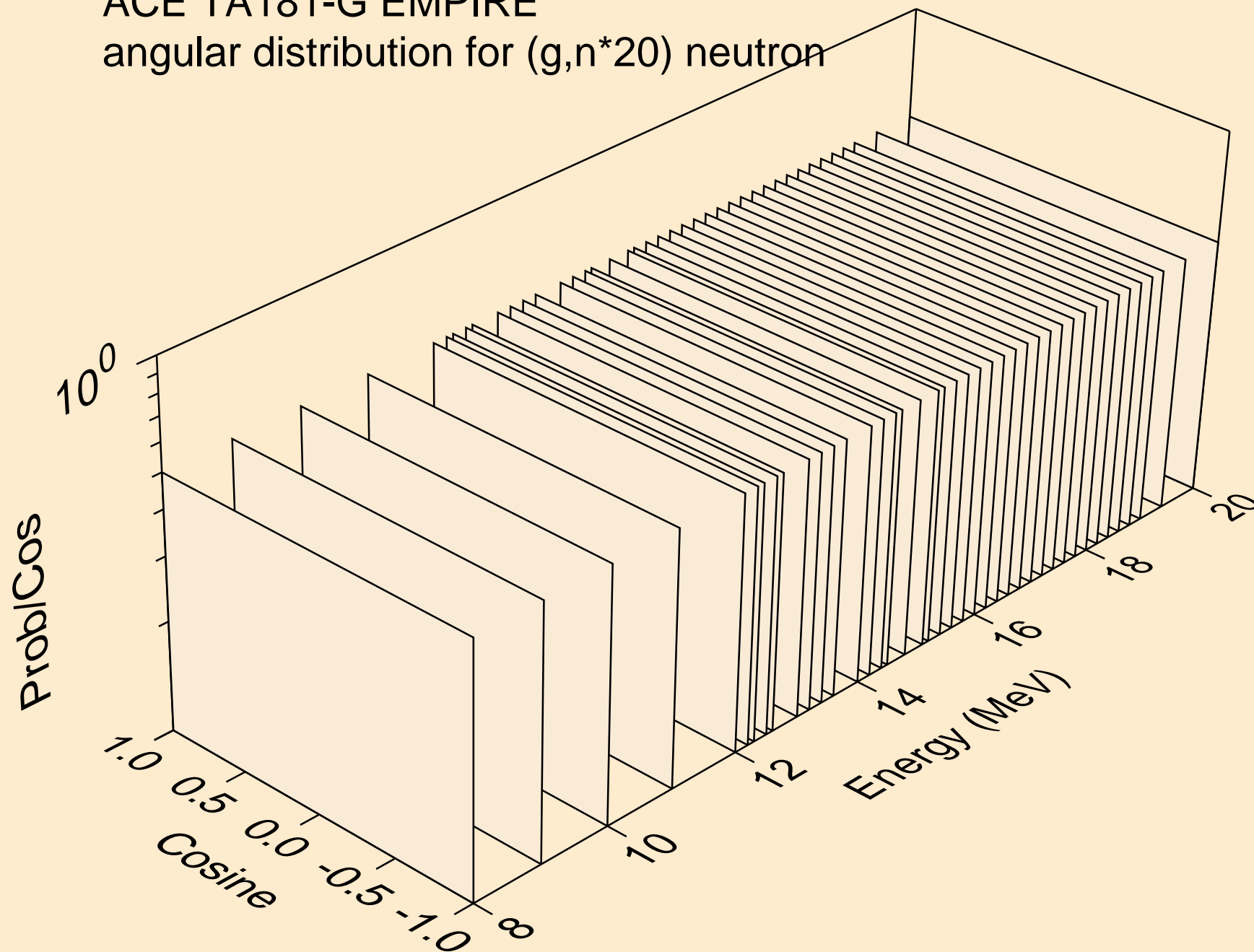
ACE TA181-G EMPIRE

angular distribution for (g,n*19) neutron



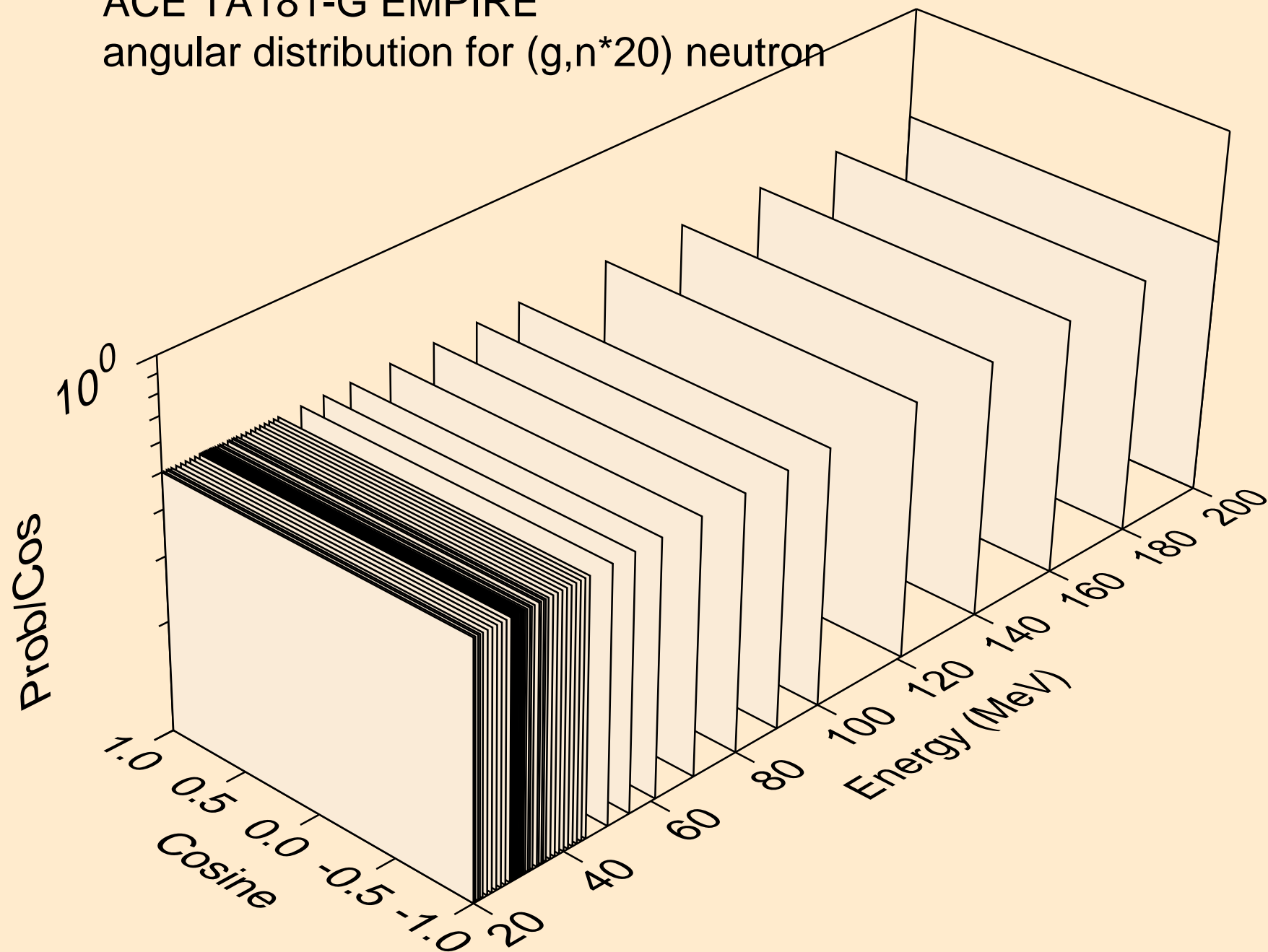
ACE TA181-G EMPIRE

angular distribution for (g,n*20) neutron



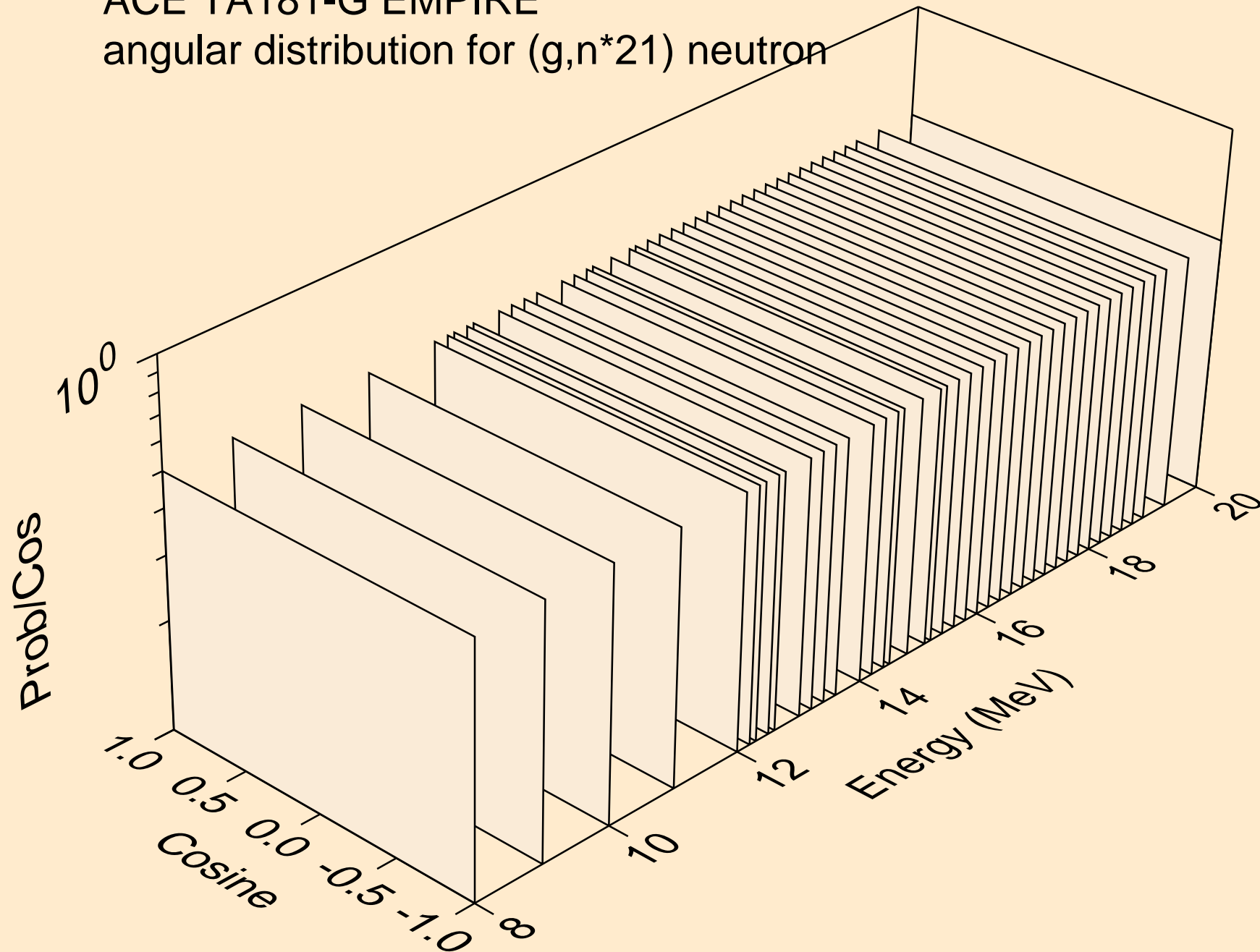
ACE TA181-G EMPIRE

angular distribution for (g,n*20) neutron



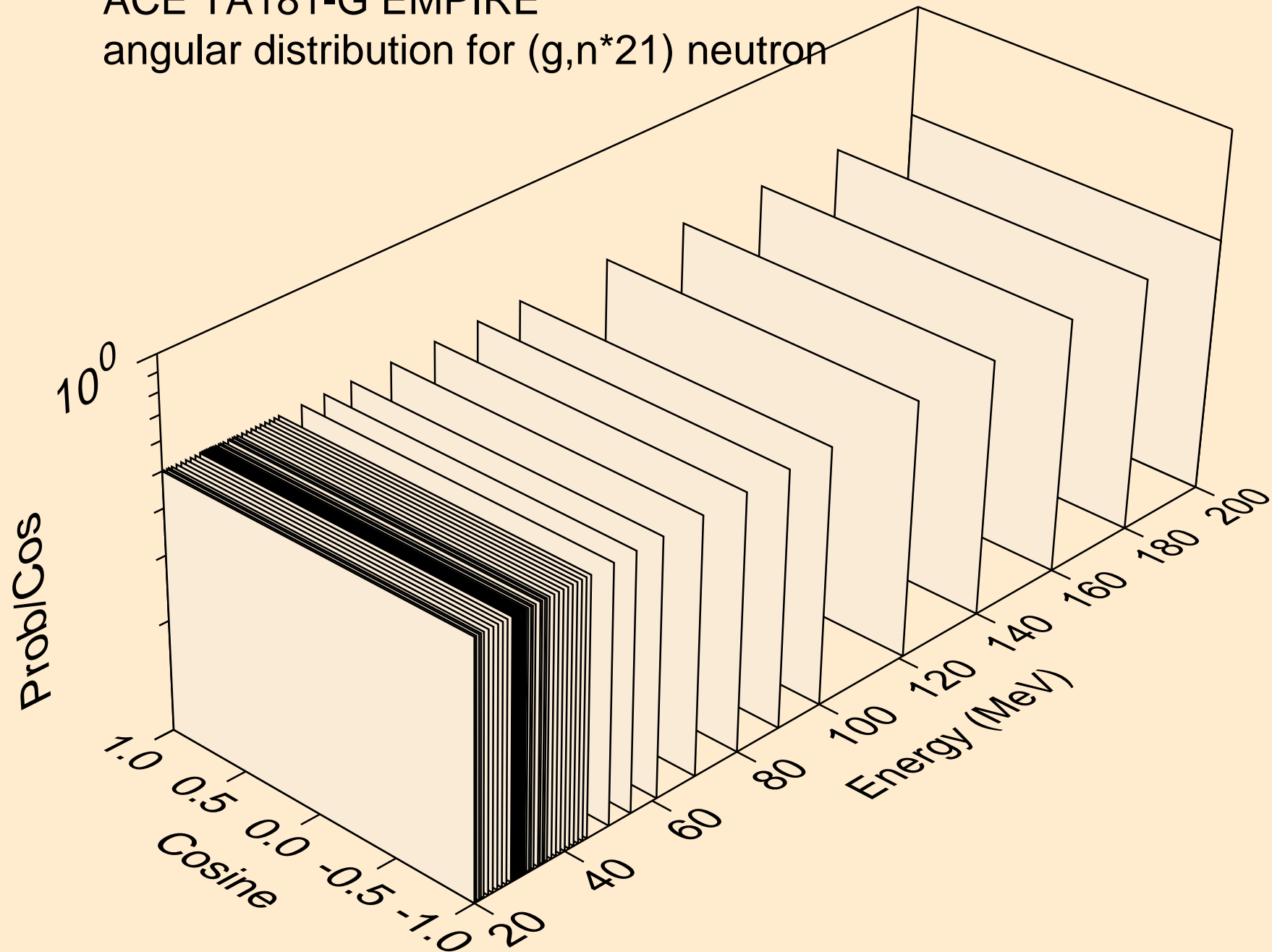
ACE TA181-G EMPIRE

angular distribution for (g,n*21) neutron



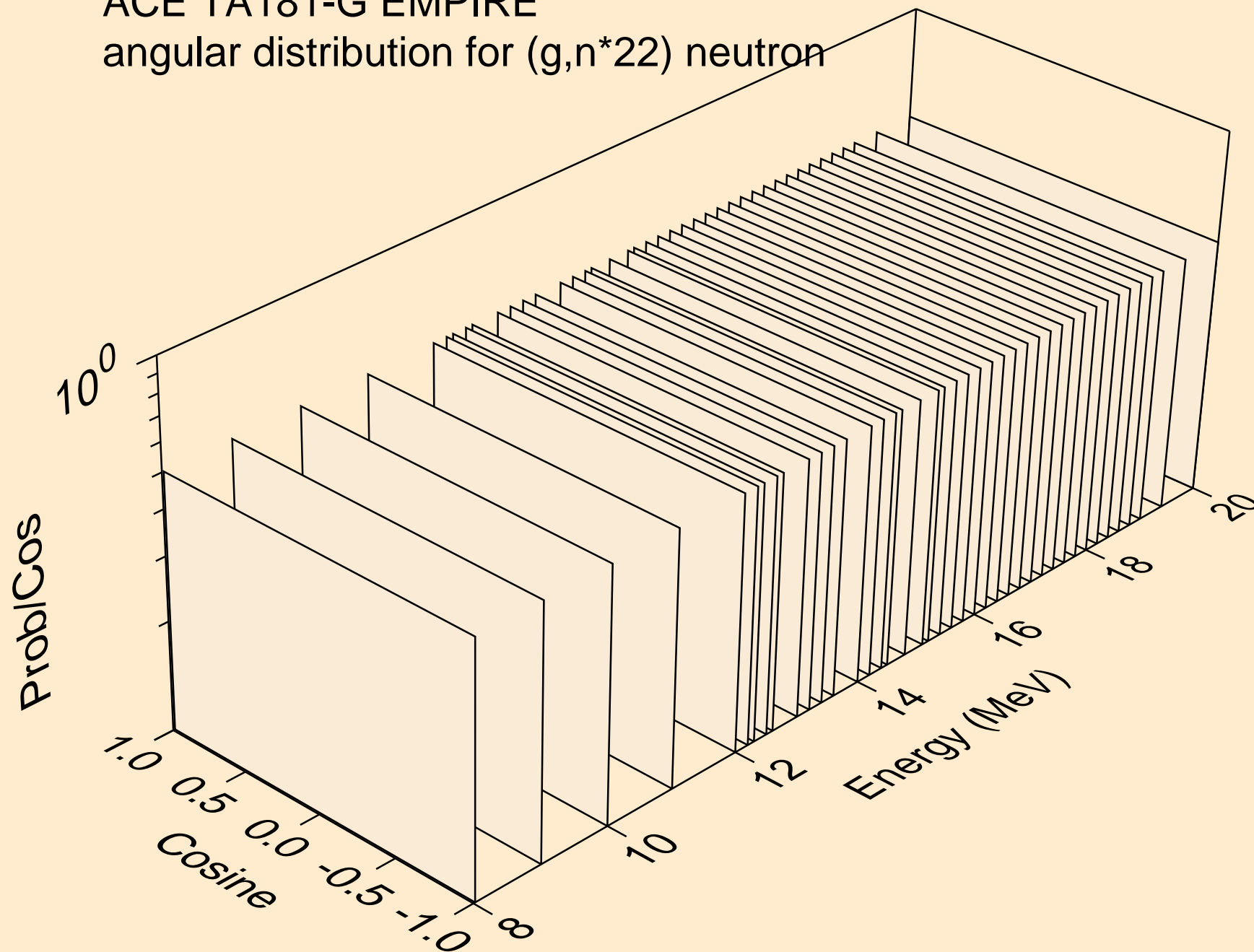
ACE TA181-G EMPIRE

angular distribution for (g,n*21) neutron



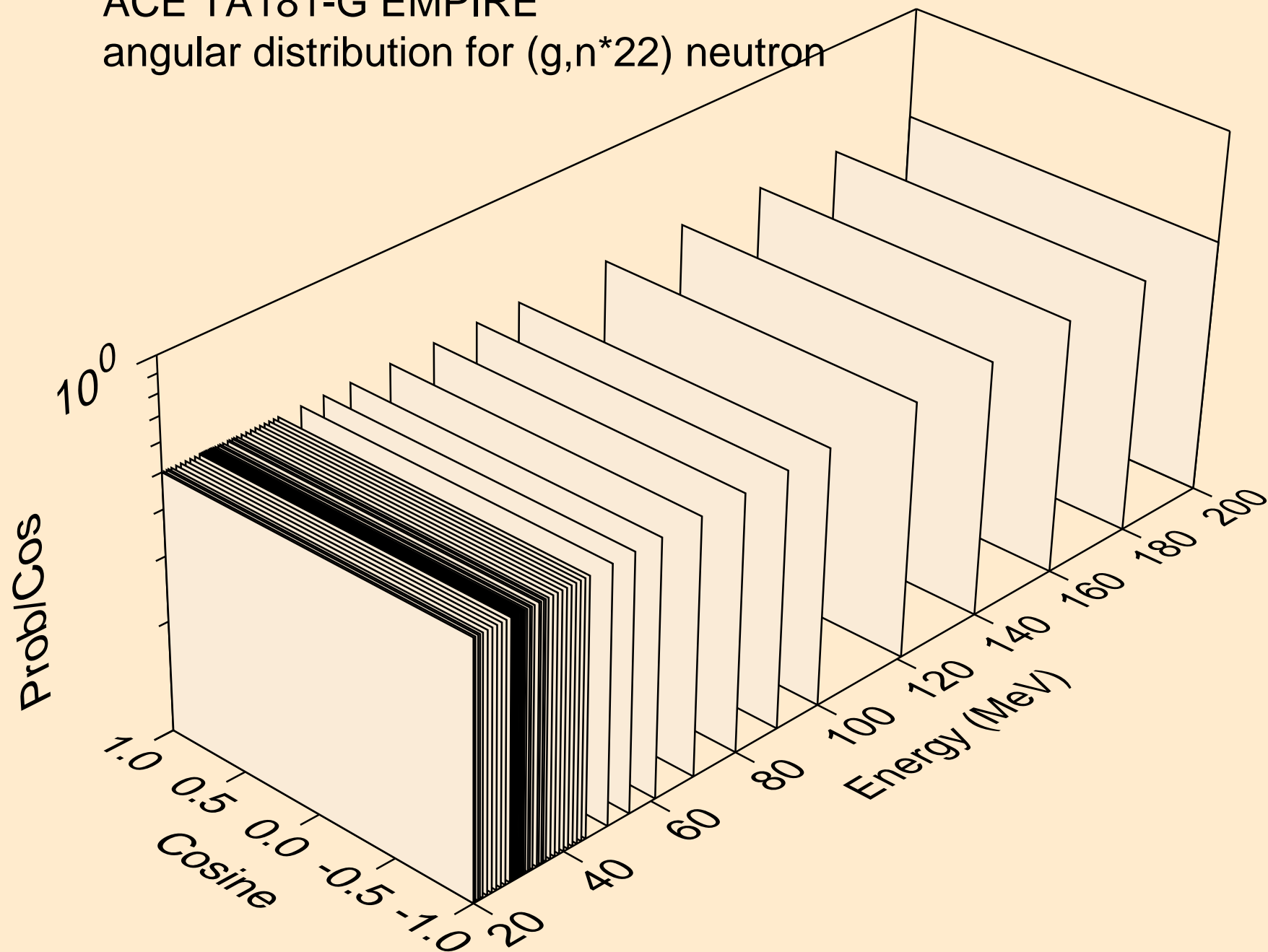
ACE TA181-G EMPIRE

angular distribution for (g,n*22) neutron



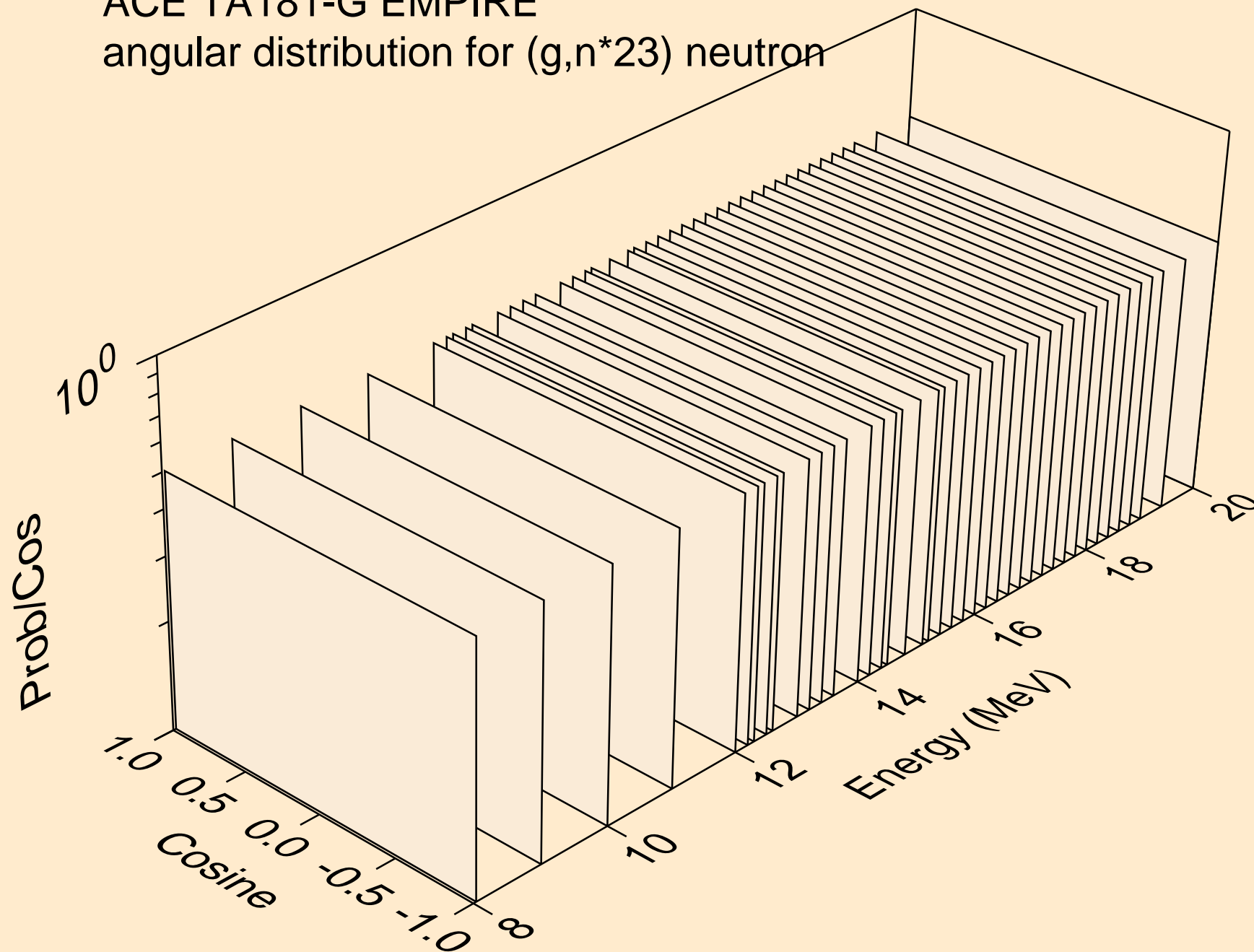
ACE TA181-G EMPIRE

angular distribution for (g,n*22) neutron



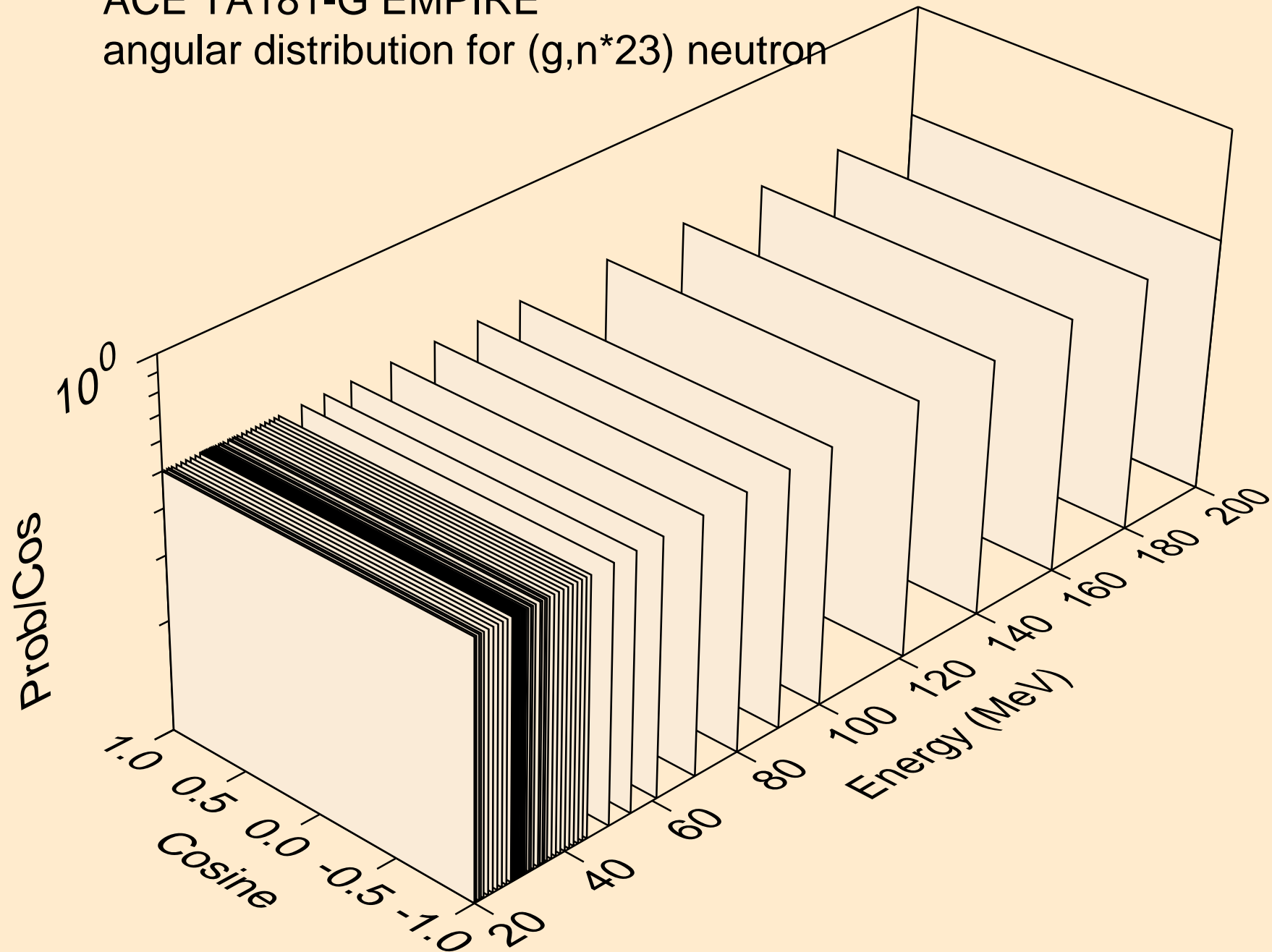
ACE TA181-G EMPIRE

angular distribution for (g,n*23) neutron



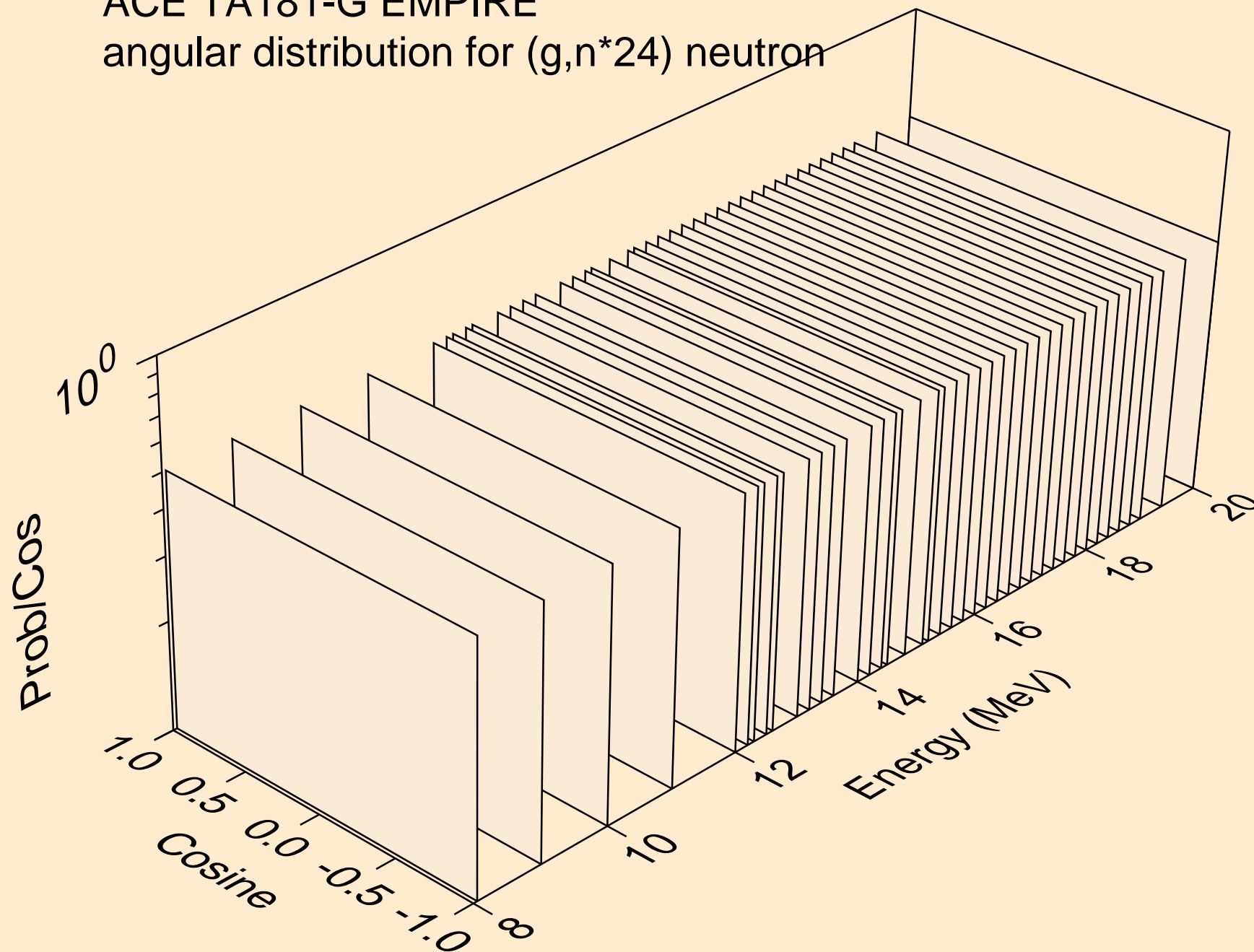
ACE TA181-G EMPIRE

angular distribution for (g,n*23) neutron



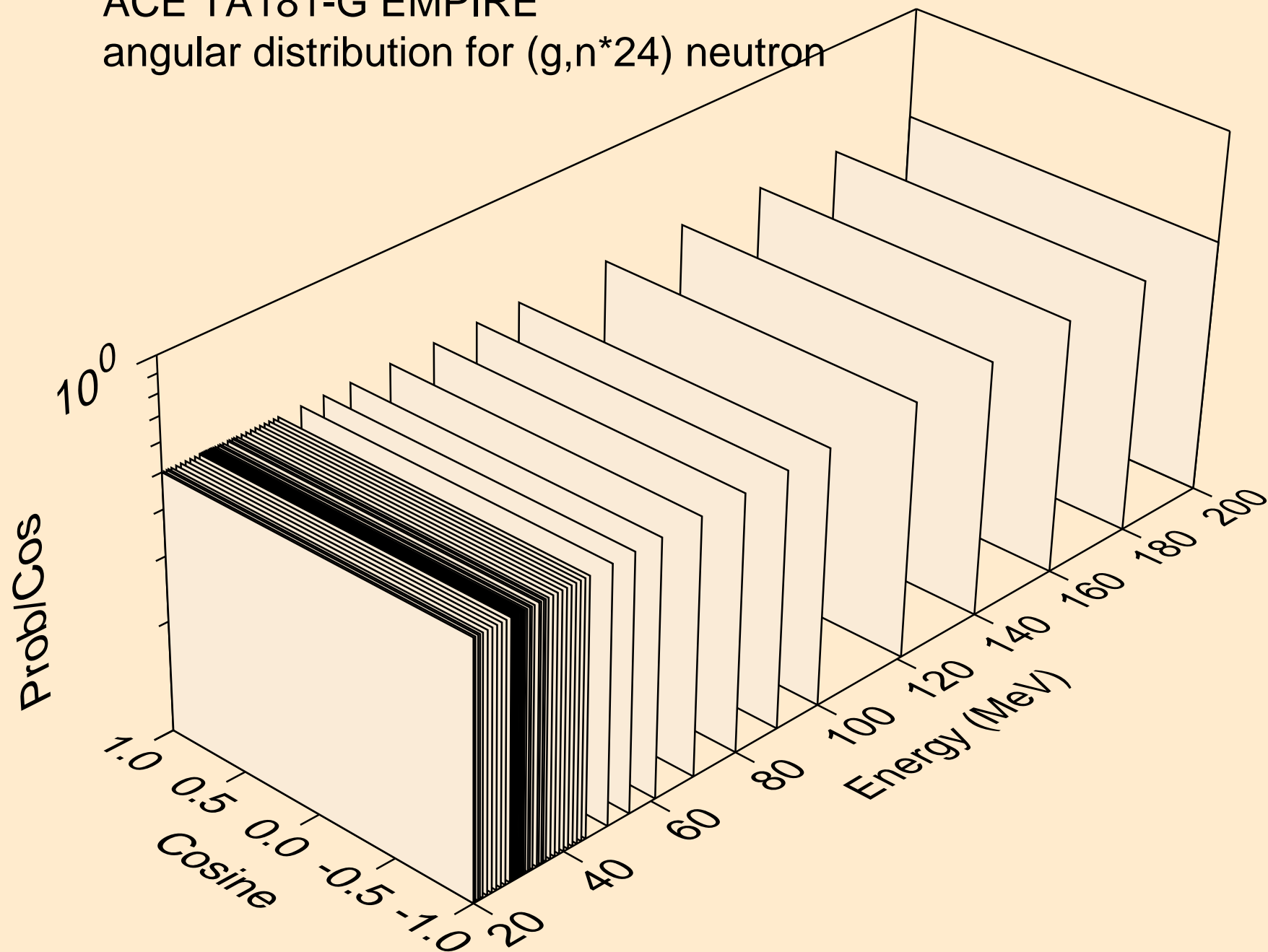
ACE TA181-G EMPIRE

angular distribution for (g,n*24) neutron



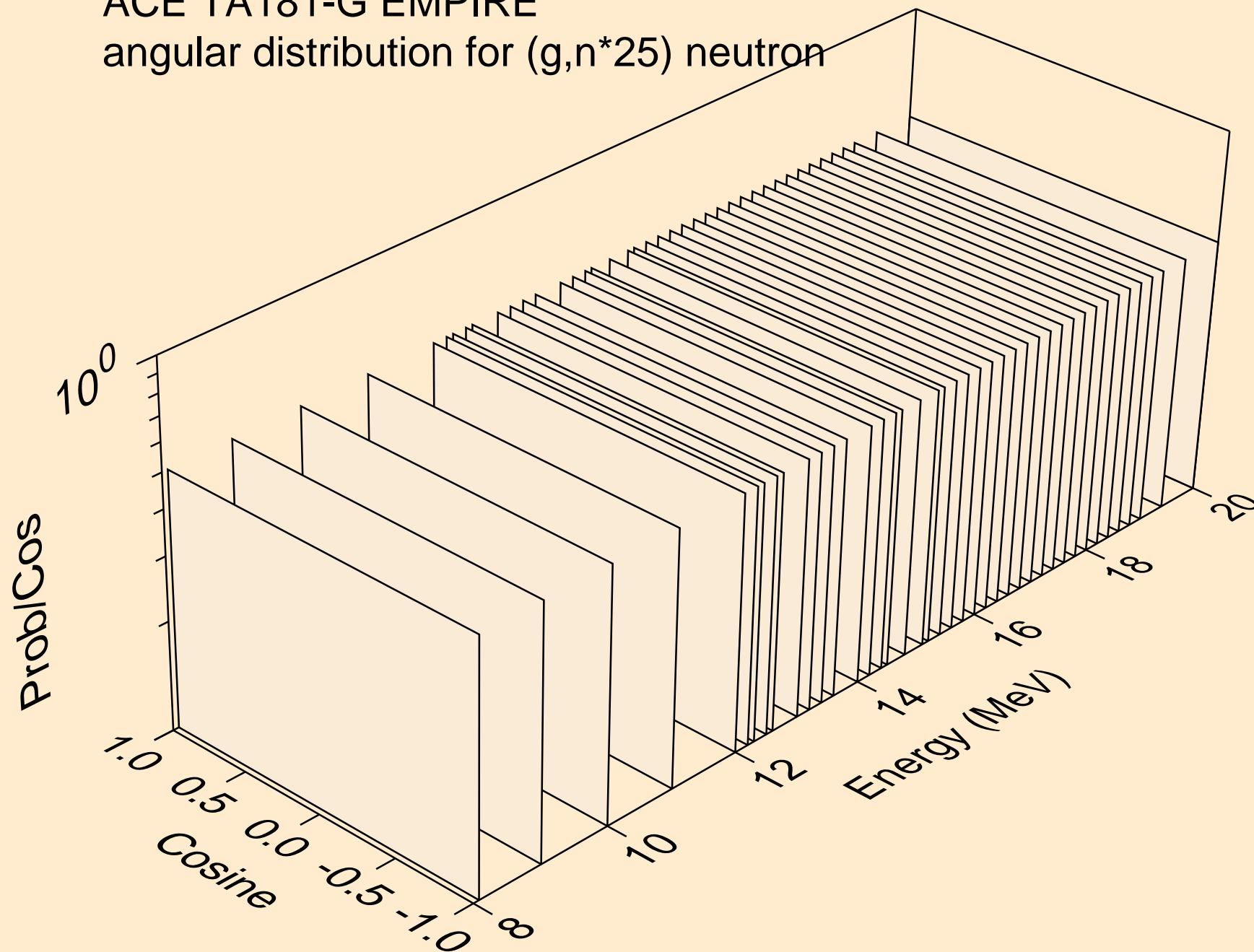
ACE TA181-G EMPIRE

angular distribution for (g,n*24) neutron



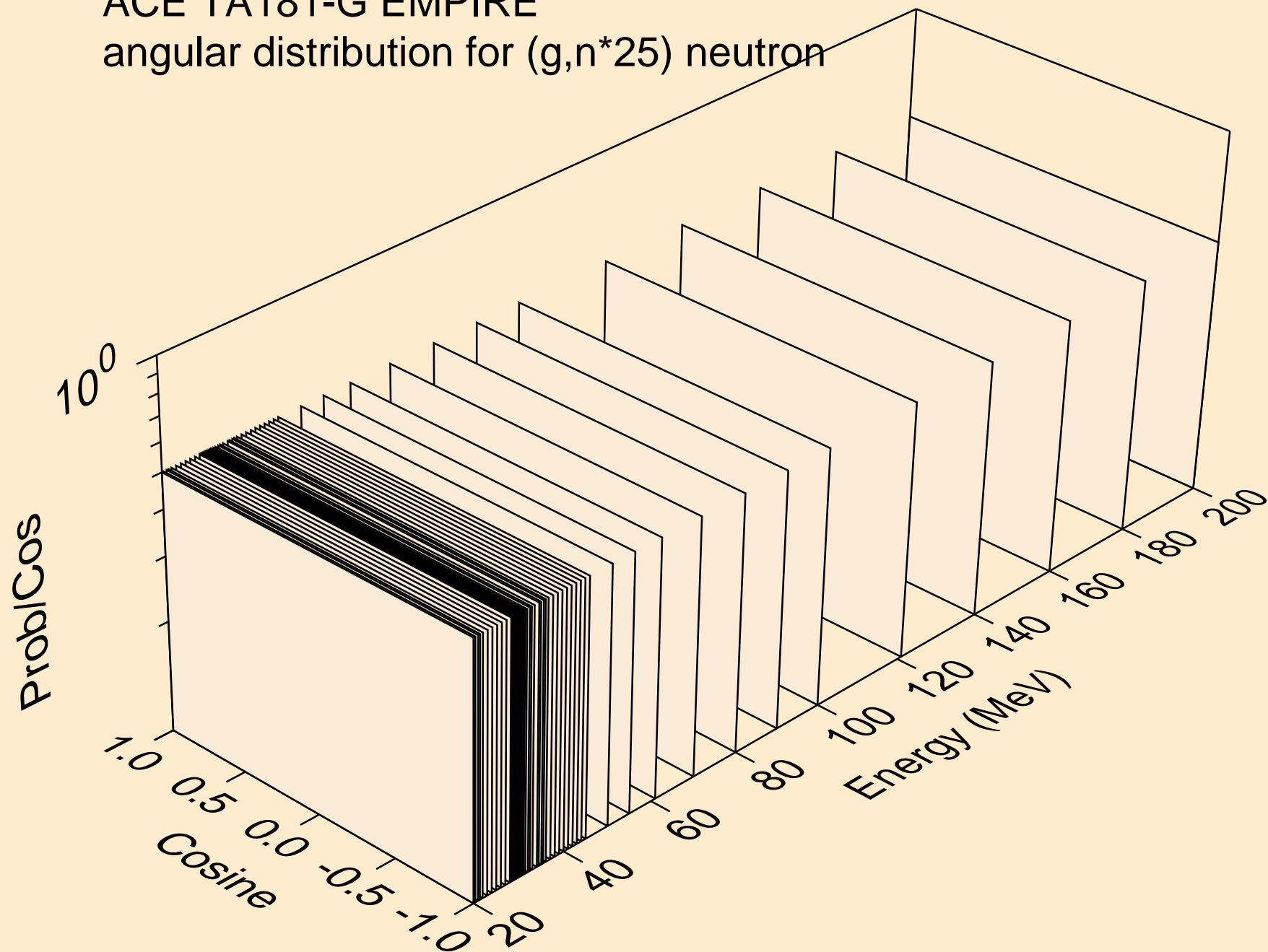
ACE TA181-G EMPIRE

angular distribution for (g,n*25) neutron



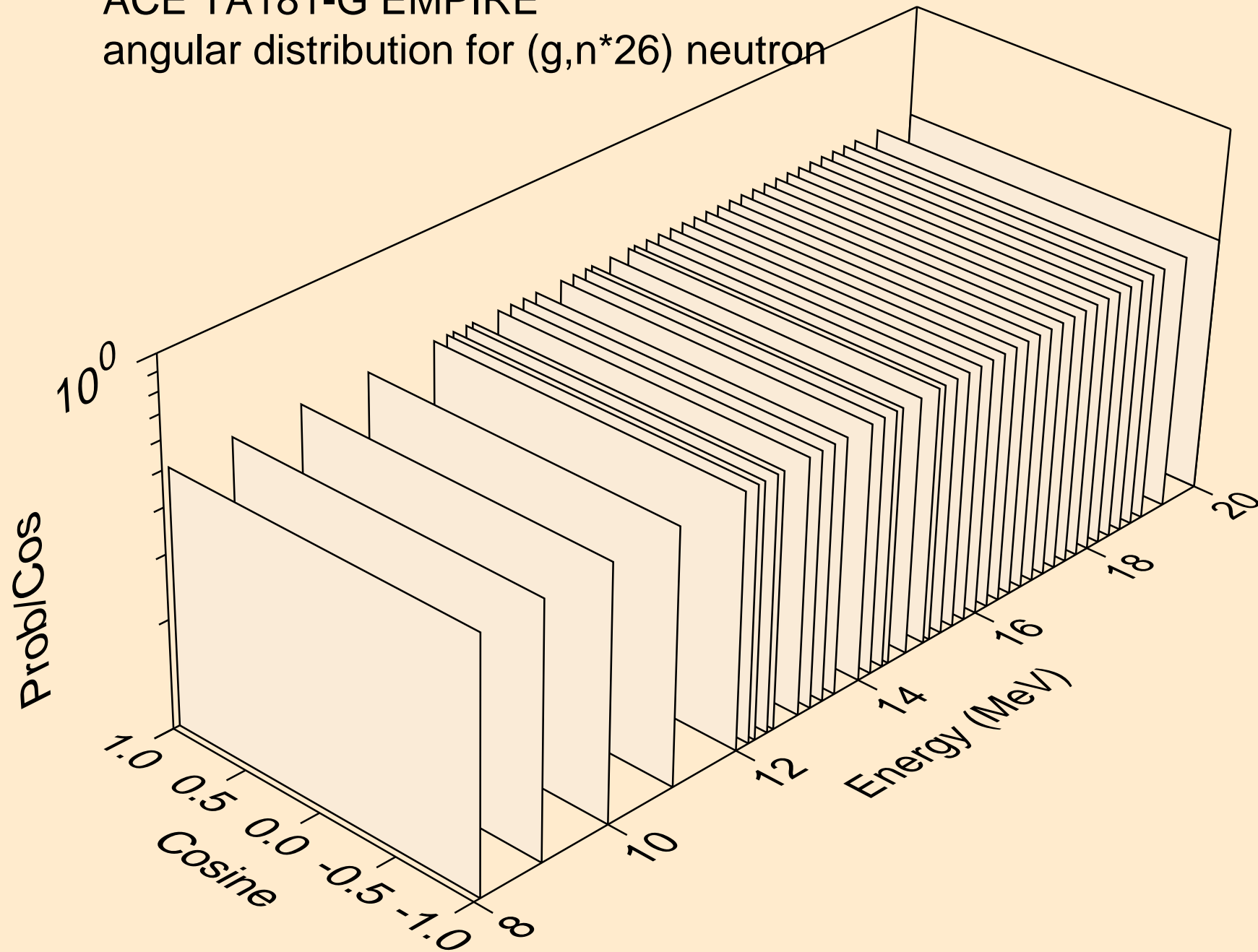
ACE TA181-G EMPIRE

angular distribution for (g,n*25) neutron



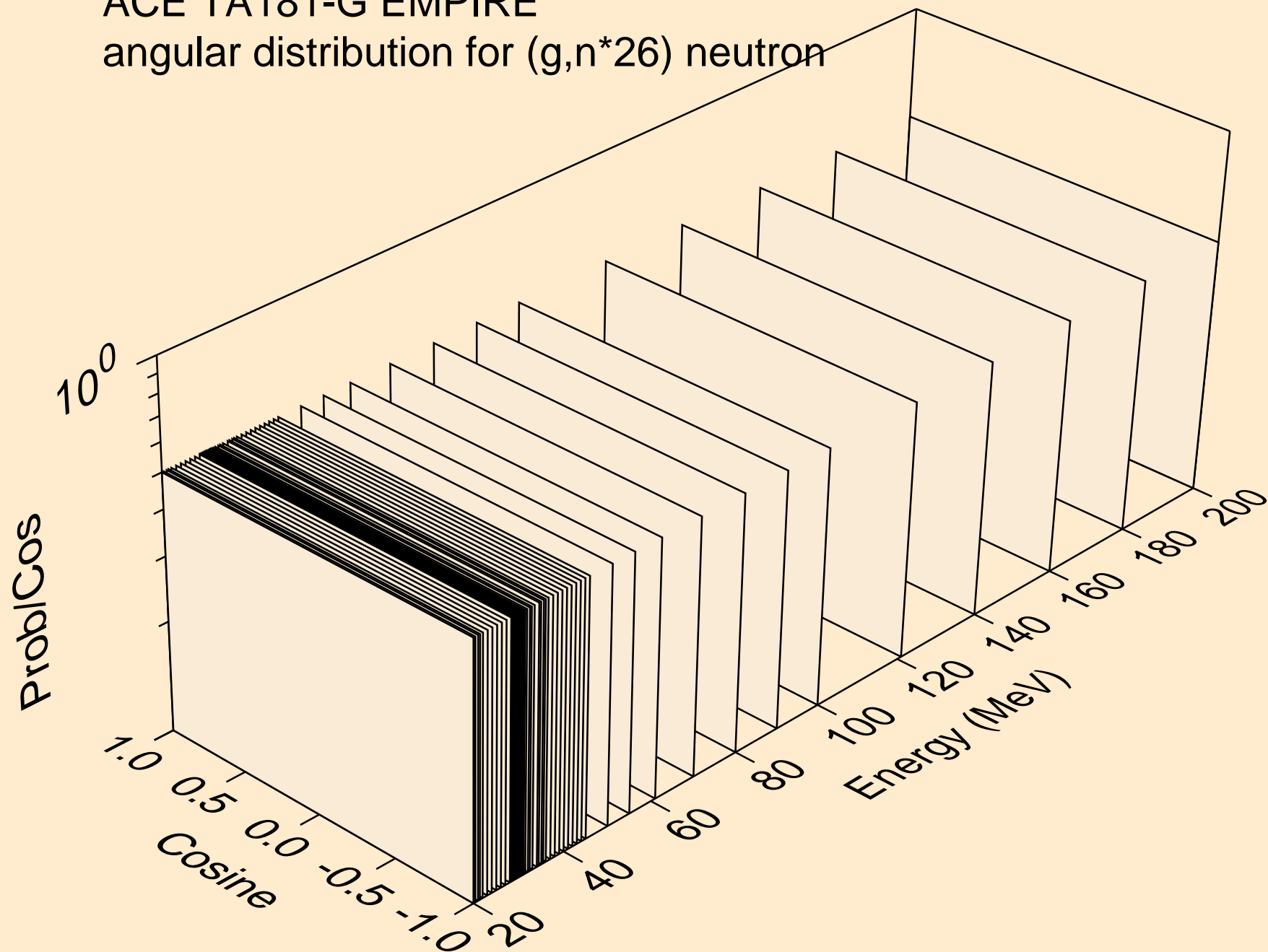
ACE TA181-G EMPIRE

angular distribution for (g,n*26) neutron



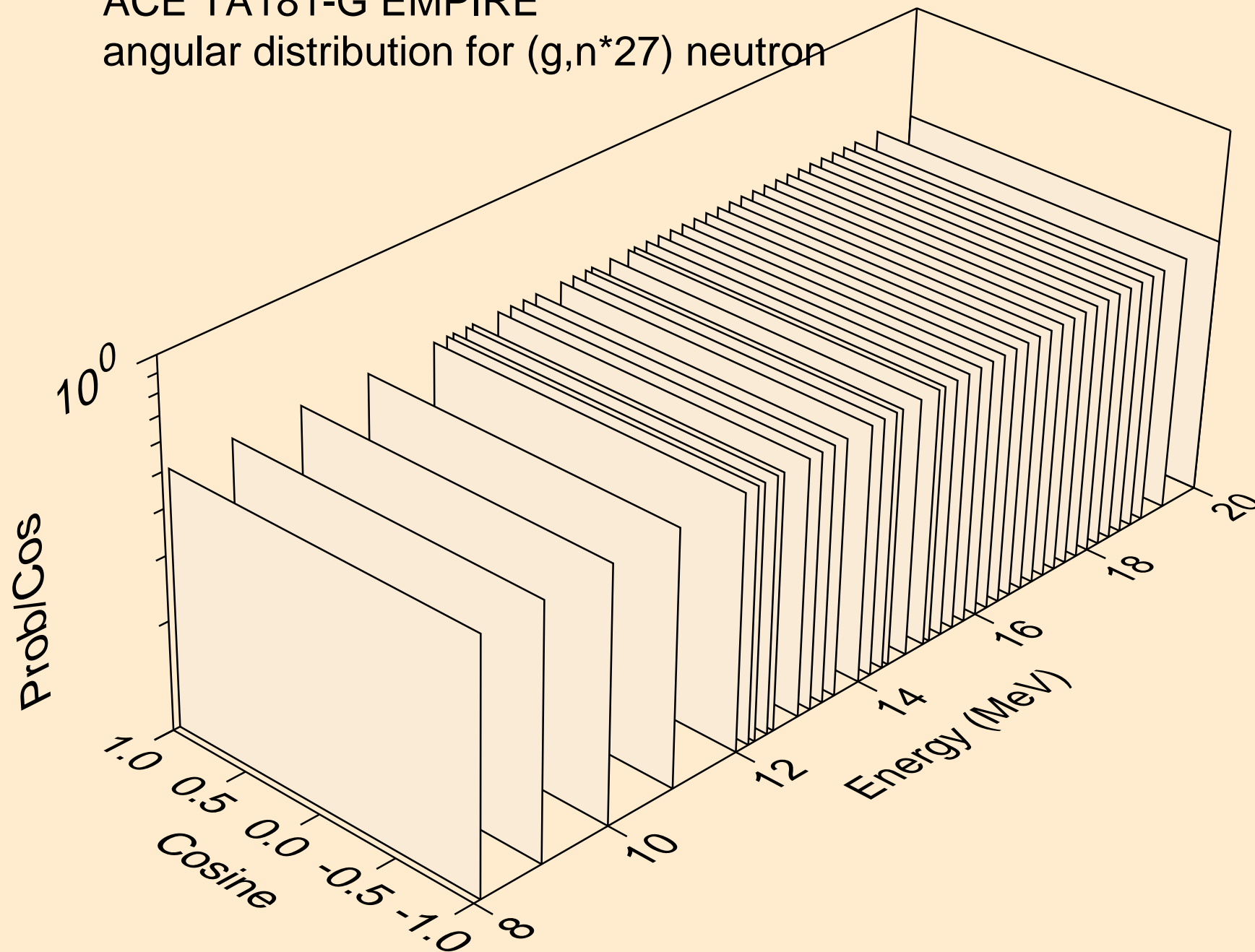
ACE TA181-G EMPIRE

angular distribution for (g,n*26) neutron



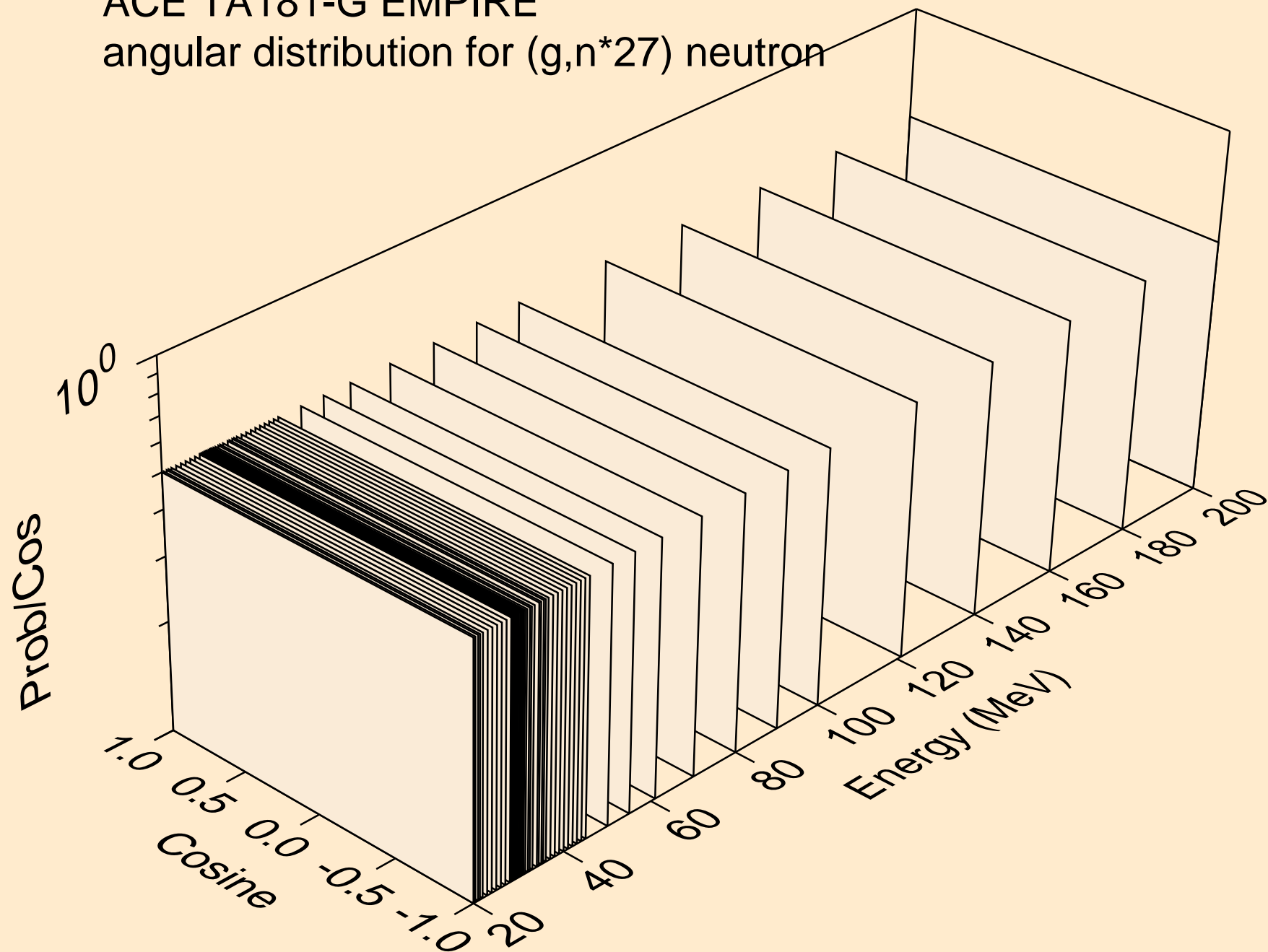
ACE TA181-G EMPIRE

angular distribution for (g,n*27) neutron



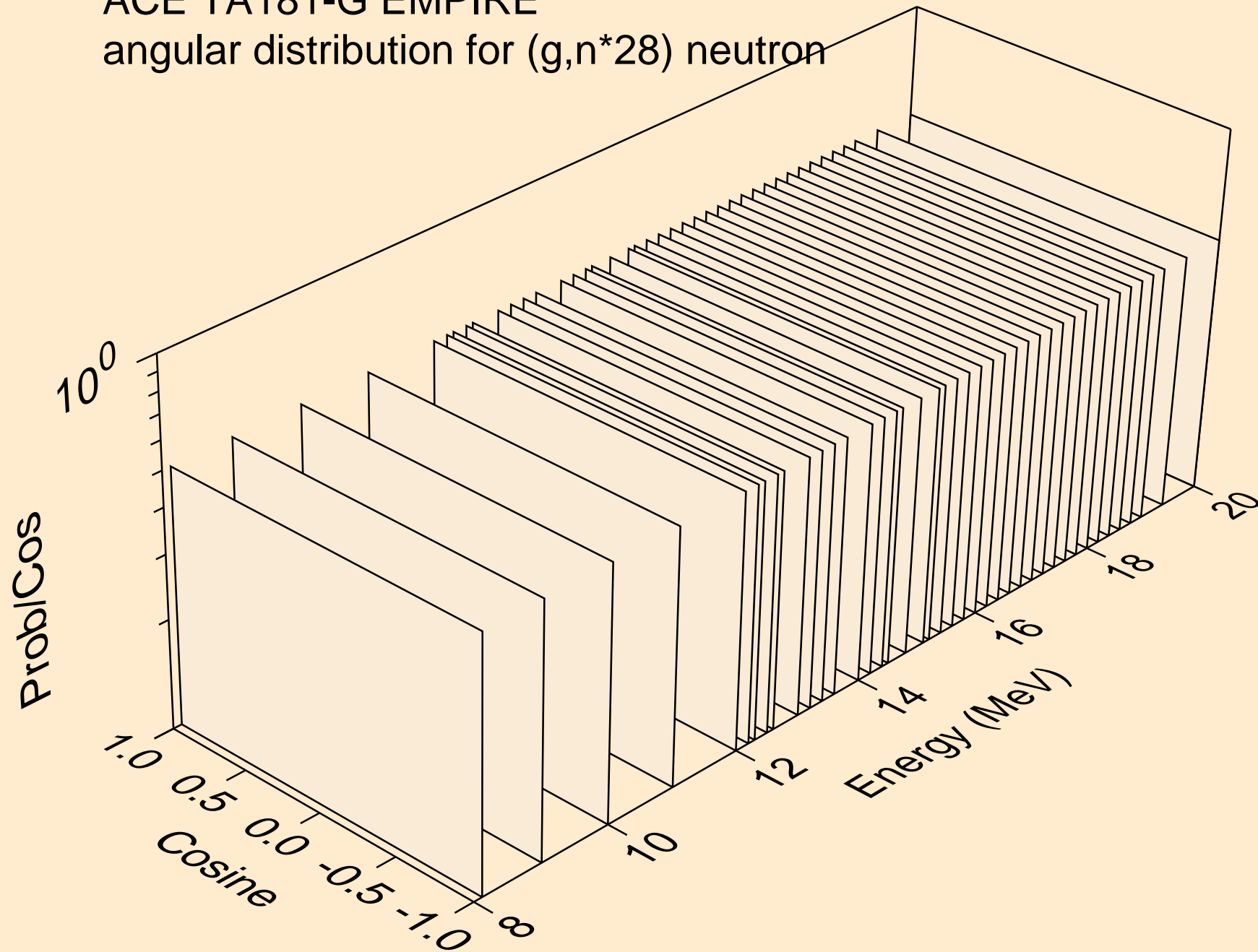
ACE TA181-G EMPIRE

angular distribution for (g,n*27) neutron



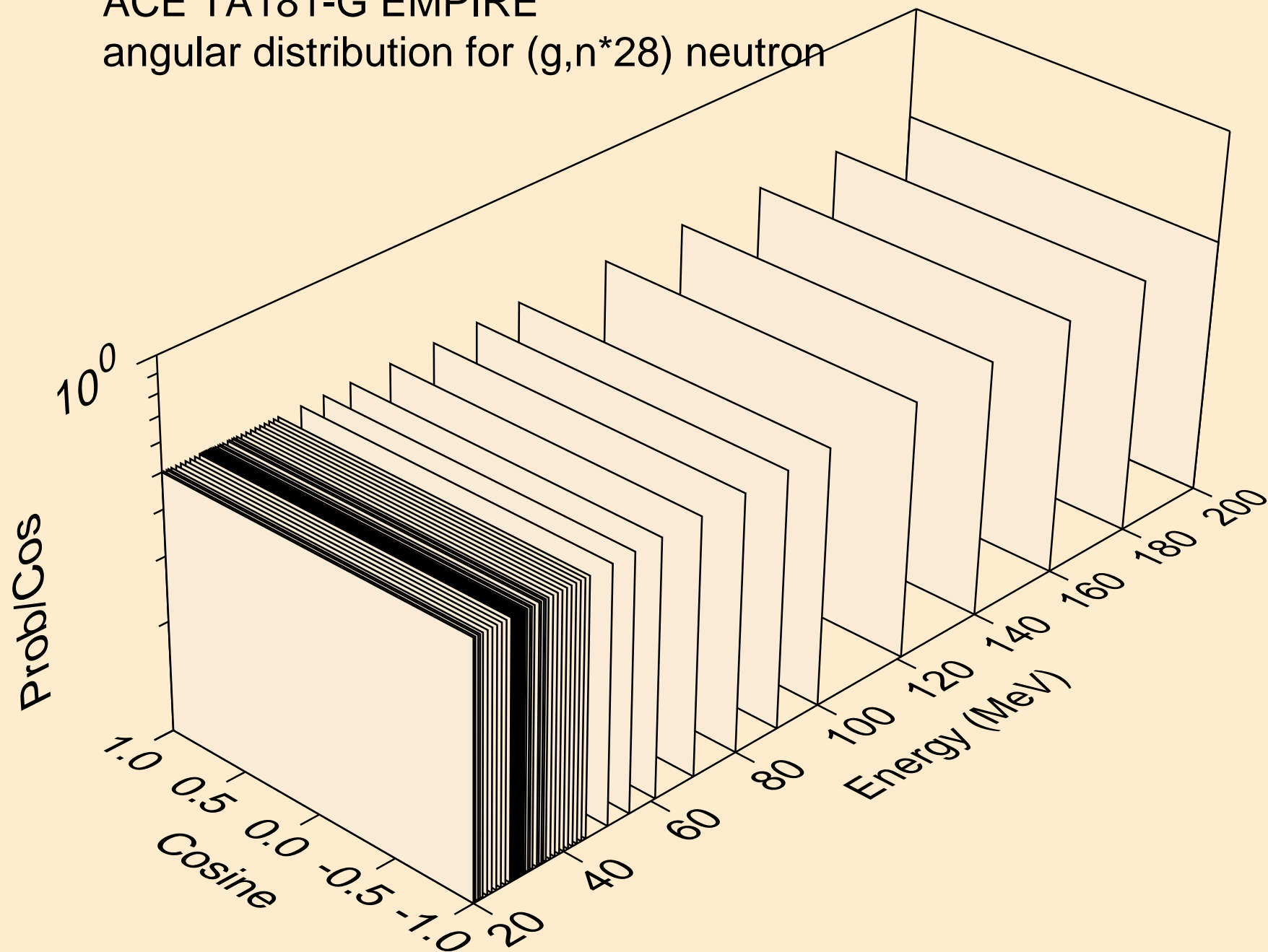
ACE TA181-G EMPIRE

angular distribution for (g,n*28) neutron



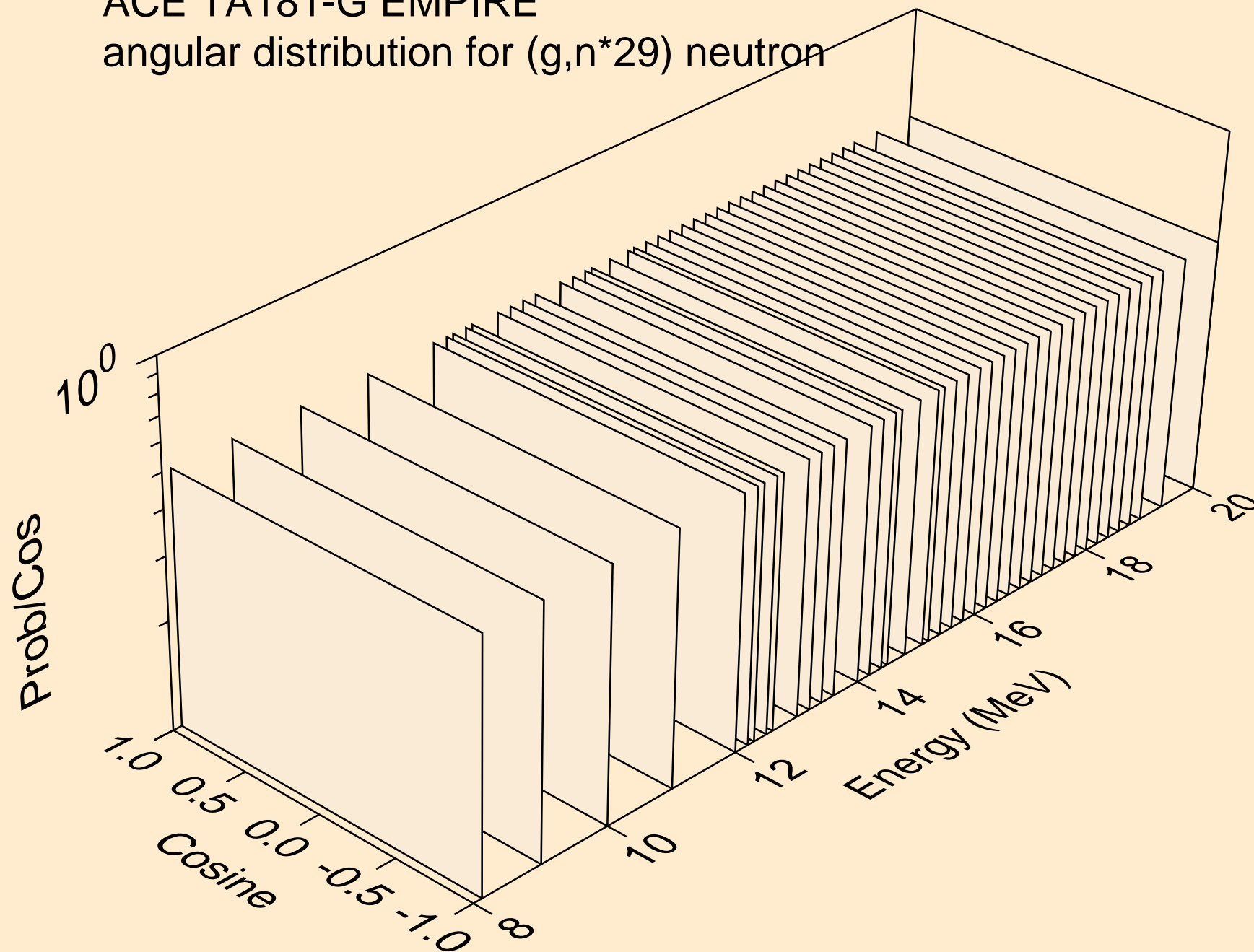
ACE TA181-G EMPIRE

angular distribution for (g,n*28) neutron



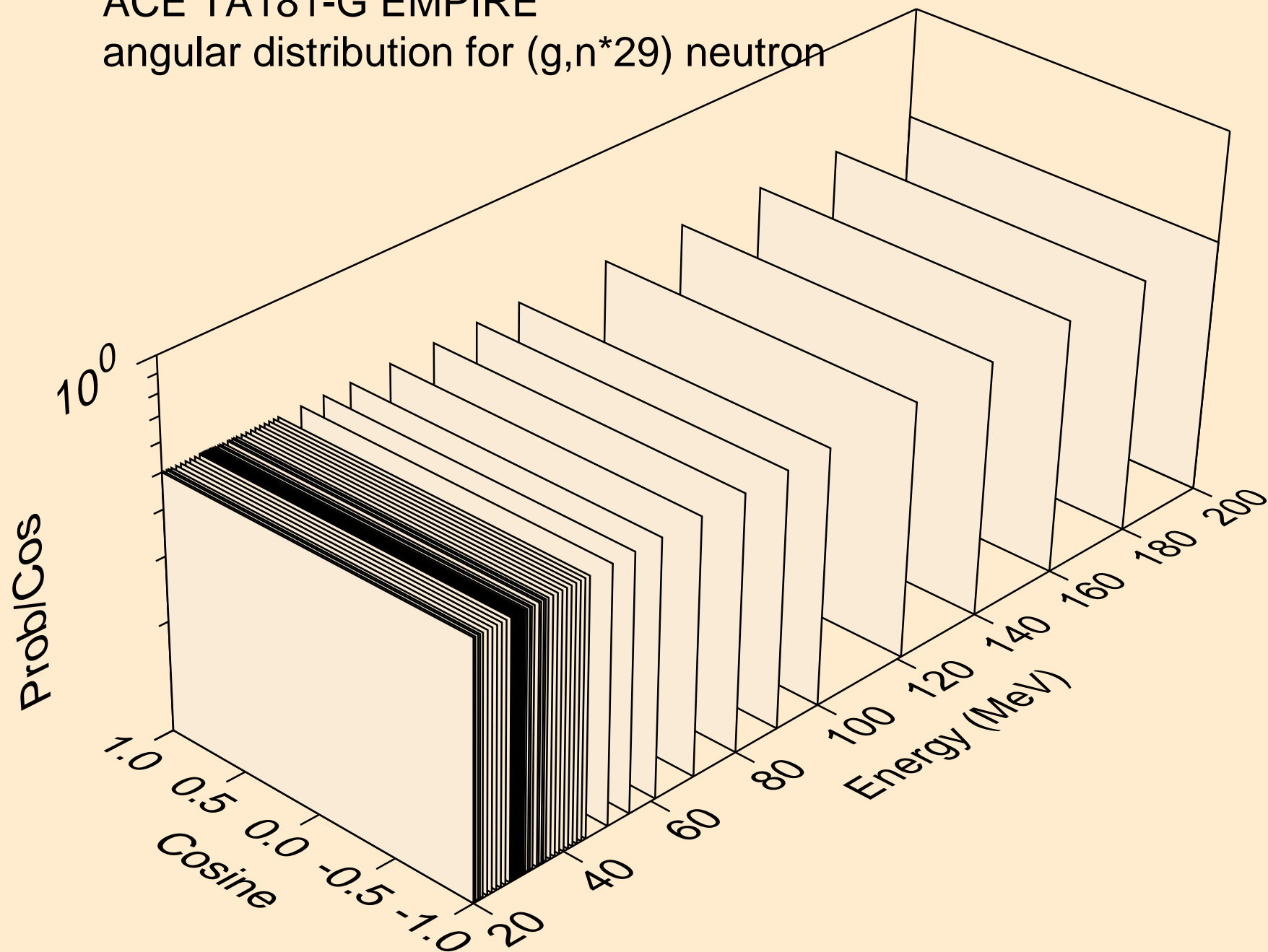
ACE TA181-G EMPIRE

angular distribution for (g,n*29) neutron



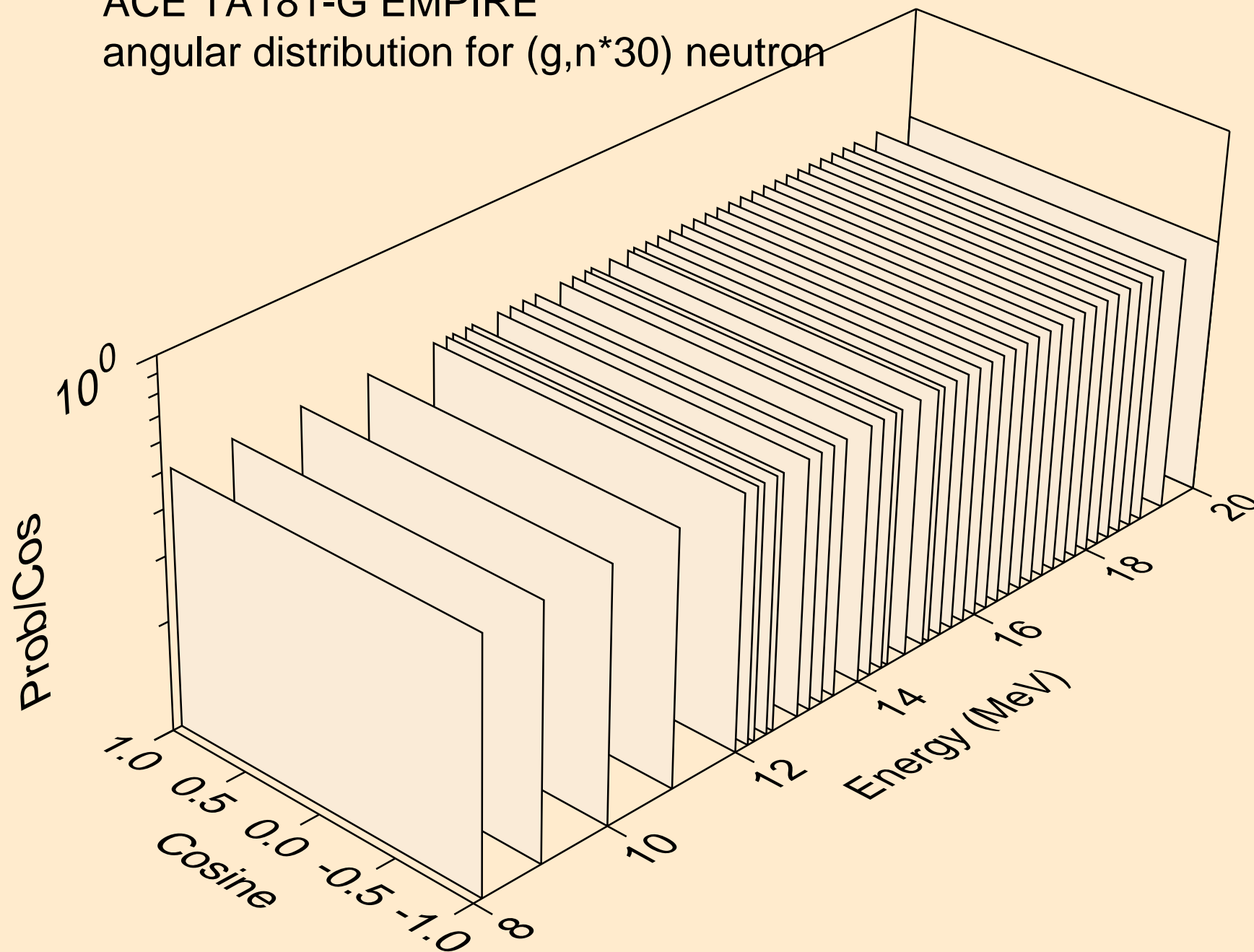
ACE TA181-G EMPIRE

angular distribution for (g,n*29) neutron



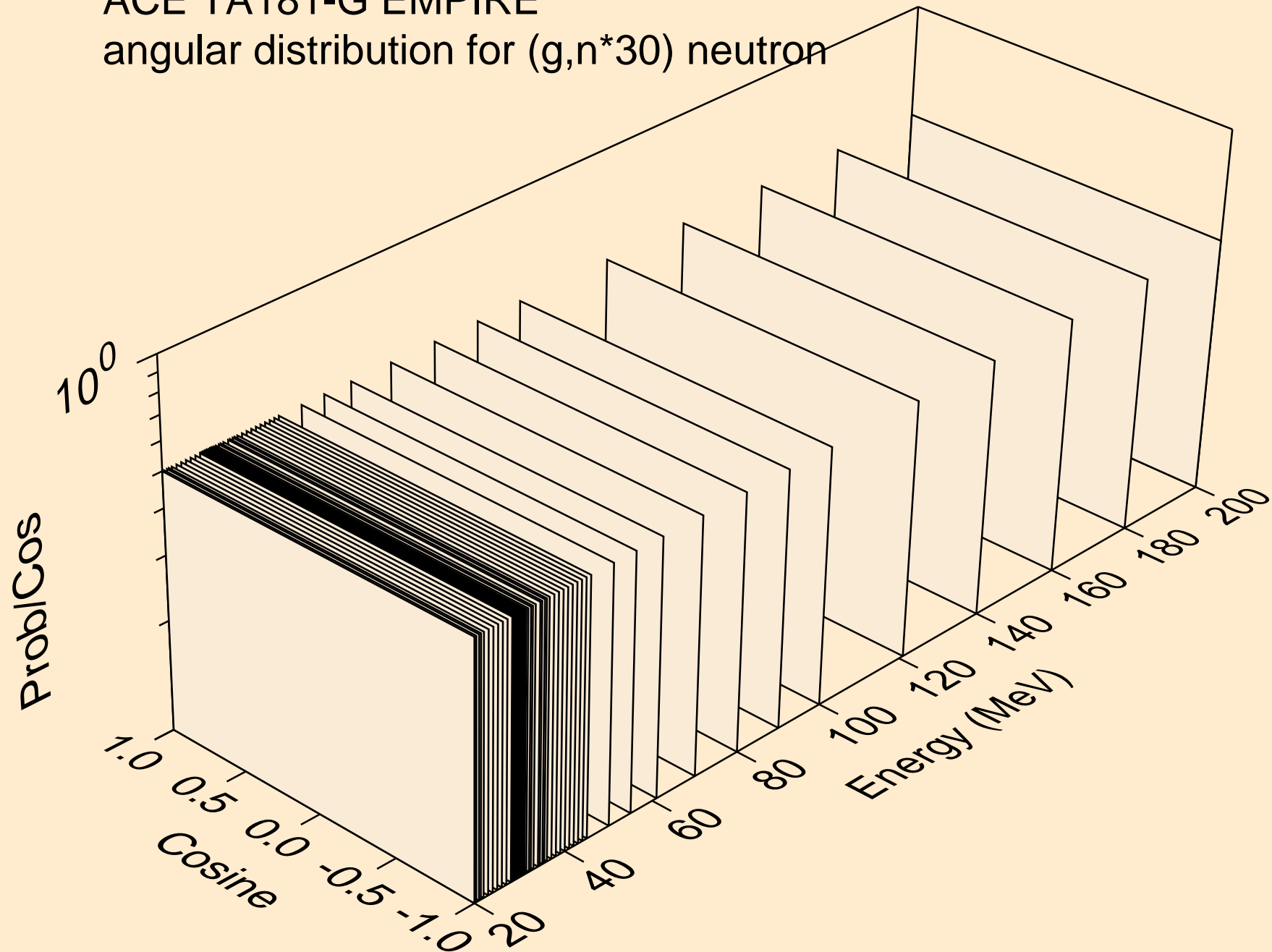
ACE TA181-G EMPIRE

angular distribution for (g,n*30) neutron



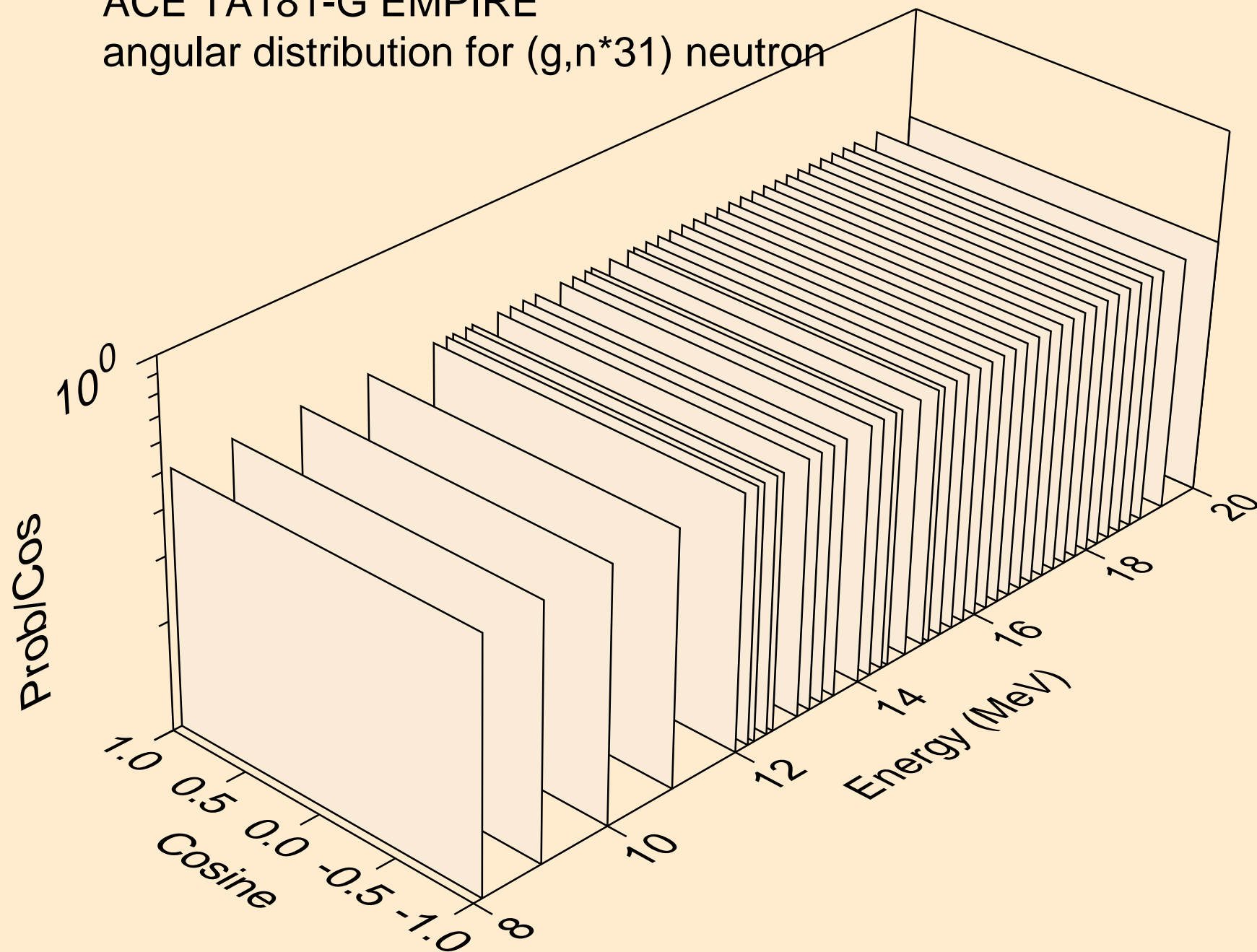
ACE TA181-G EMPIRE

angular distribution for (g,n*30) neutron



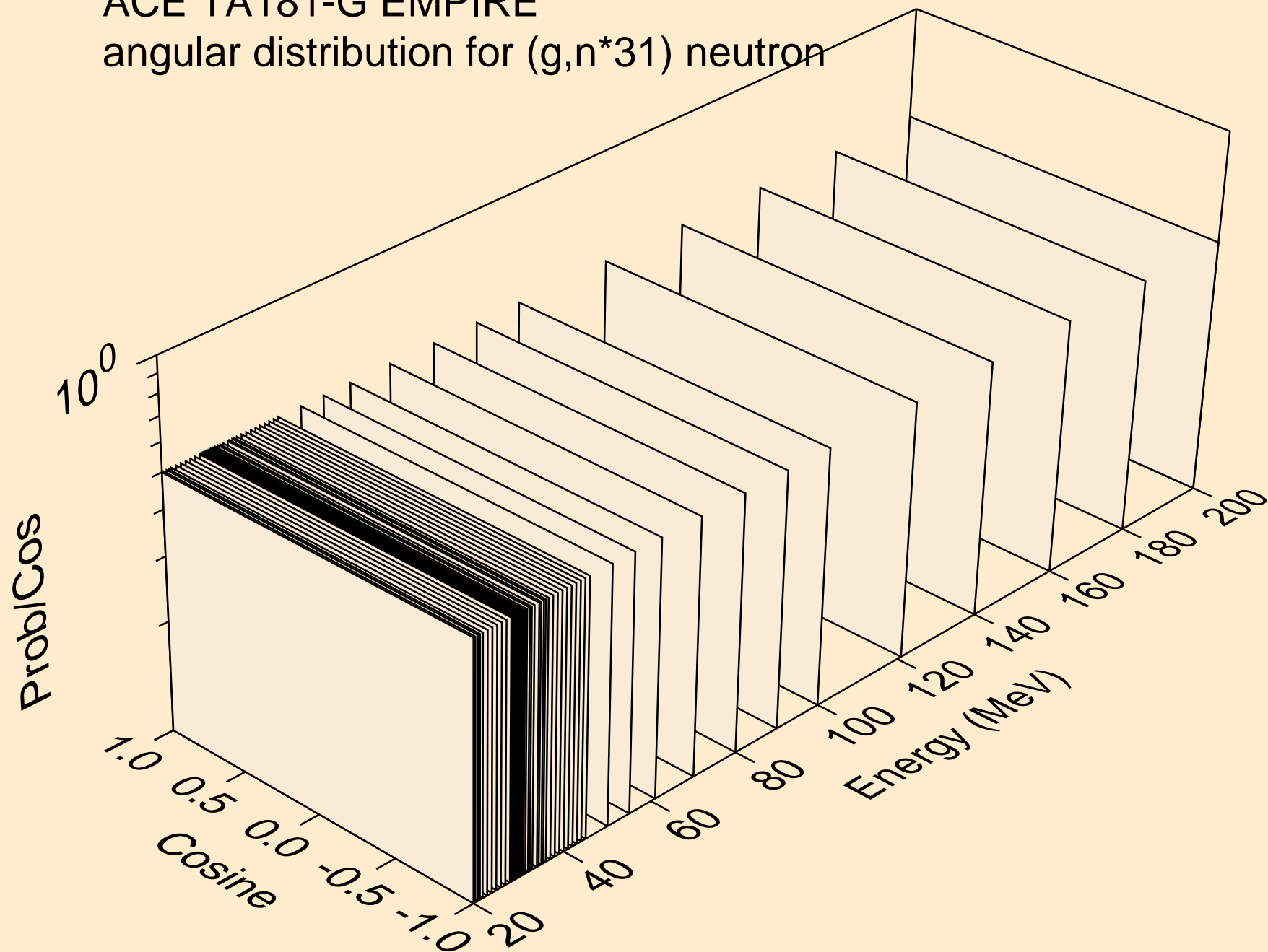
ACE TA181-G EMPIRE

angular distribution for (g,n*31) neutron



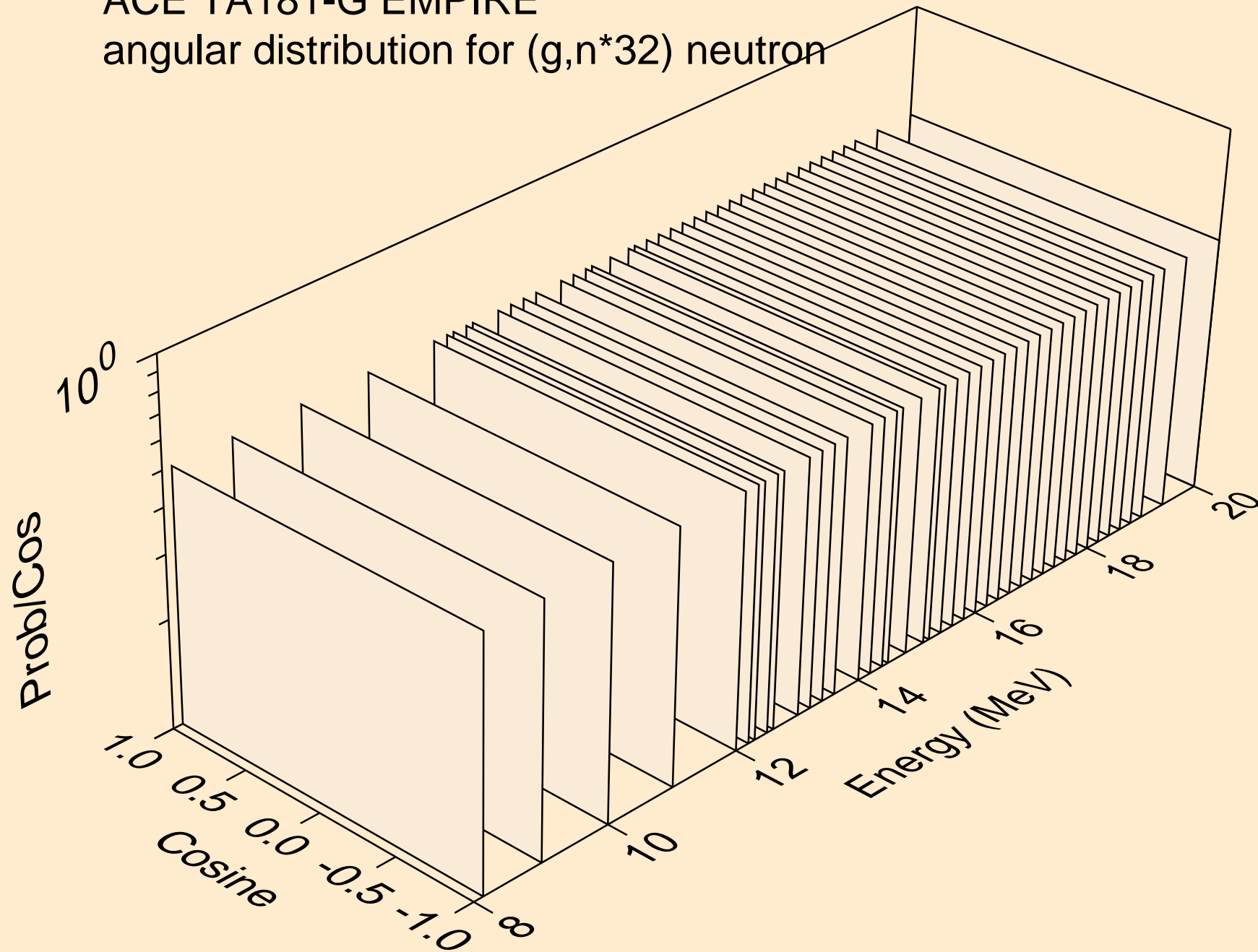
ACE TA181-G EMPIRE

angular distribution for (g,n*31) neutron



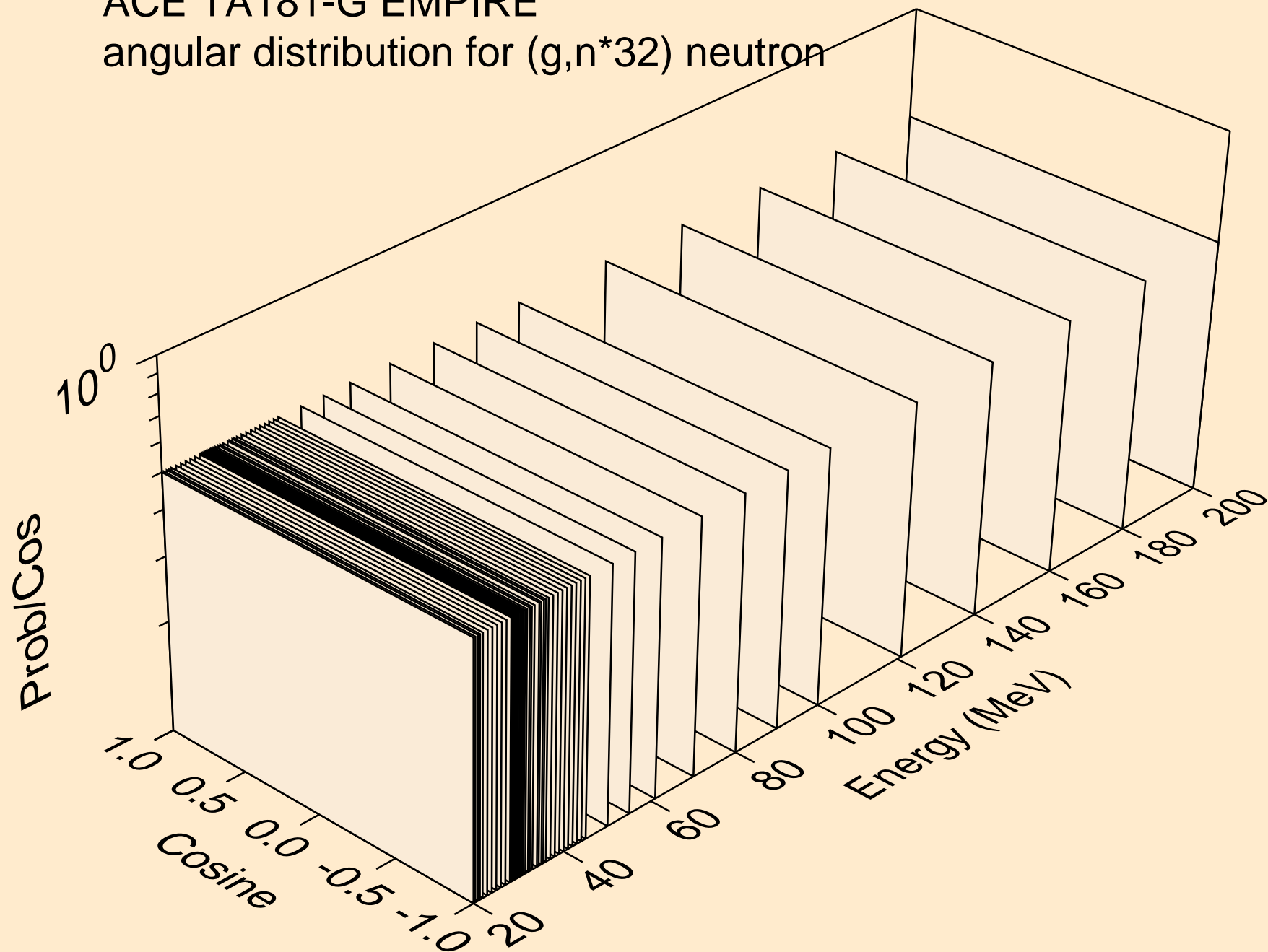
ACE TA181-G EMPIRE

angular distribution for (g,n*32) neutron



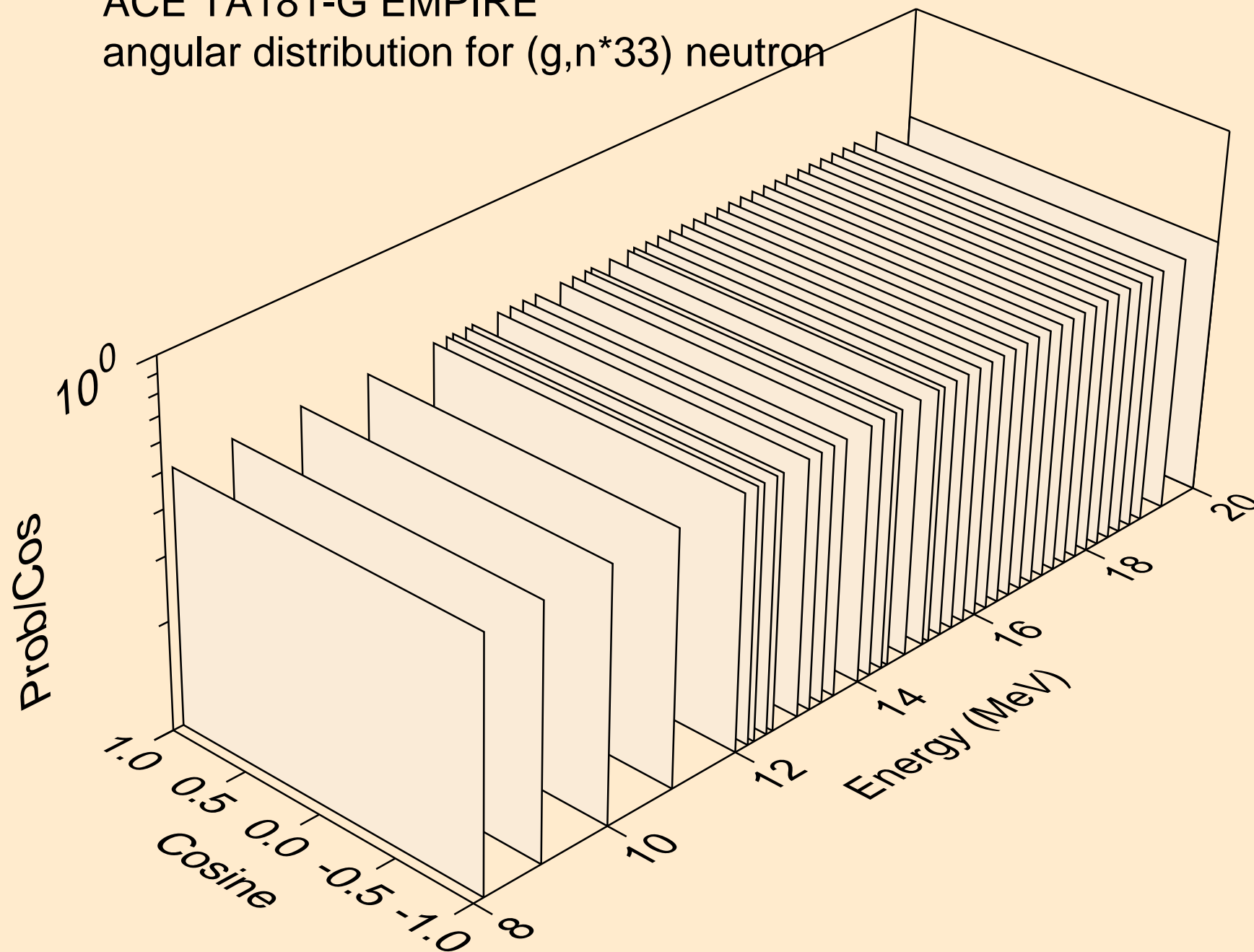
ACE TA181-G EMPIRE

angular distribution for (g,n*32) neutron



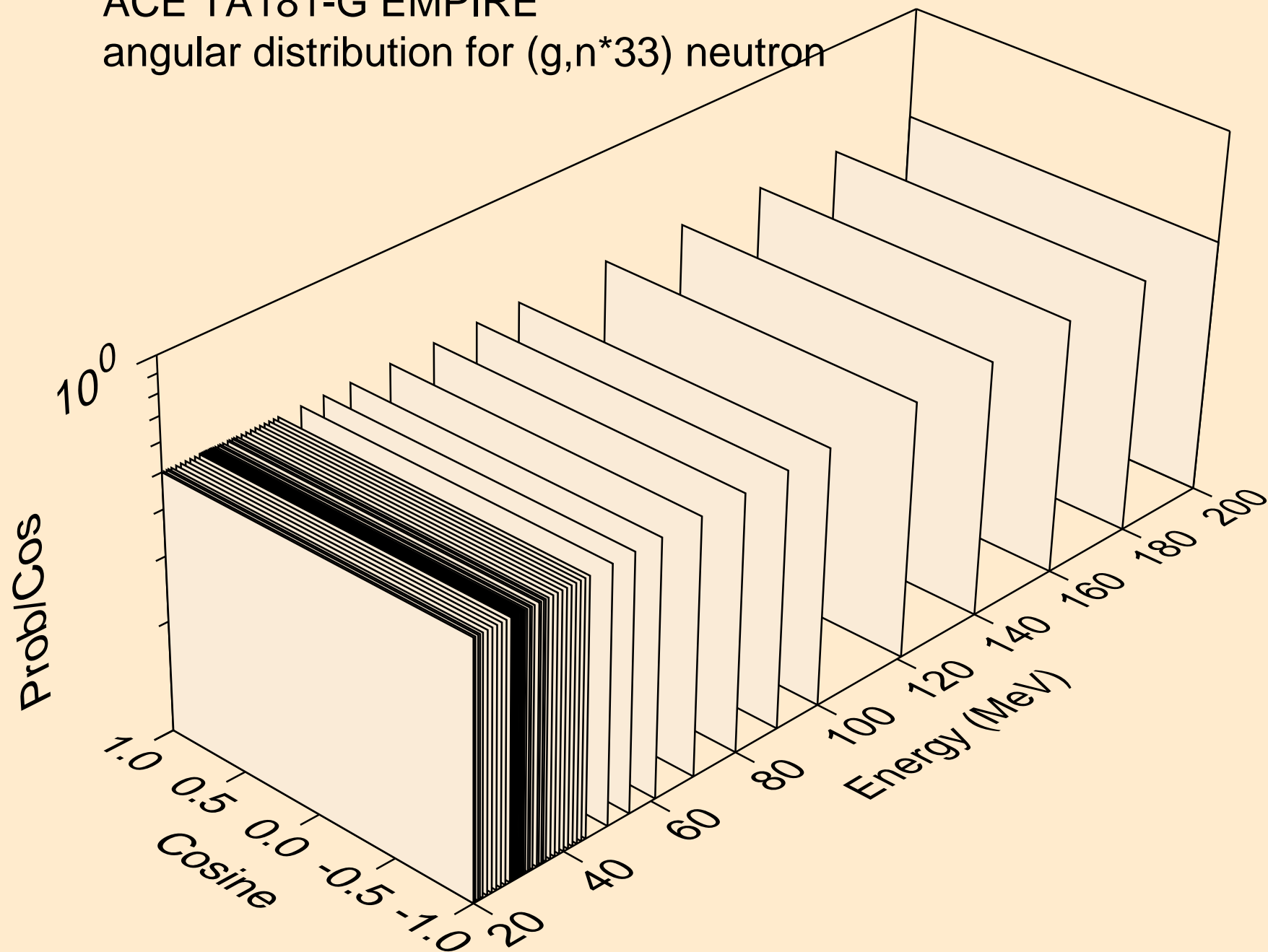
ACE TA181-G EMPIRE

angular distribution for (g,n*33) neutron



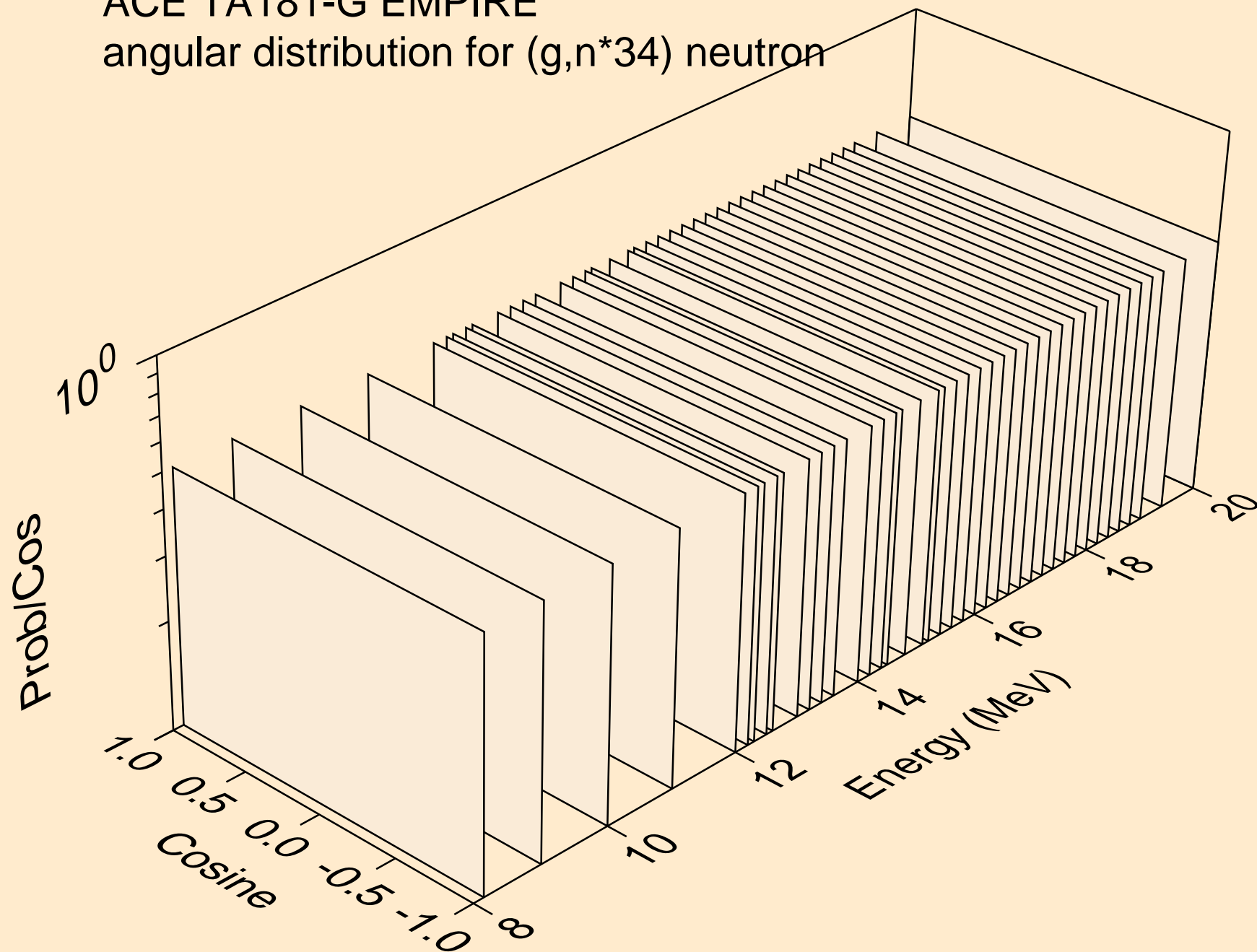
ACE TA181-G EMPIRE

angular distribution for (g,n*33) neutron



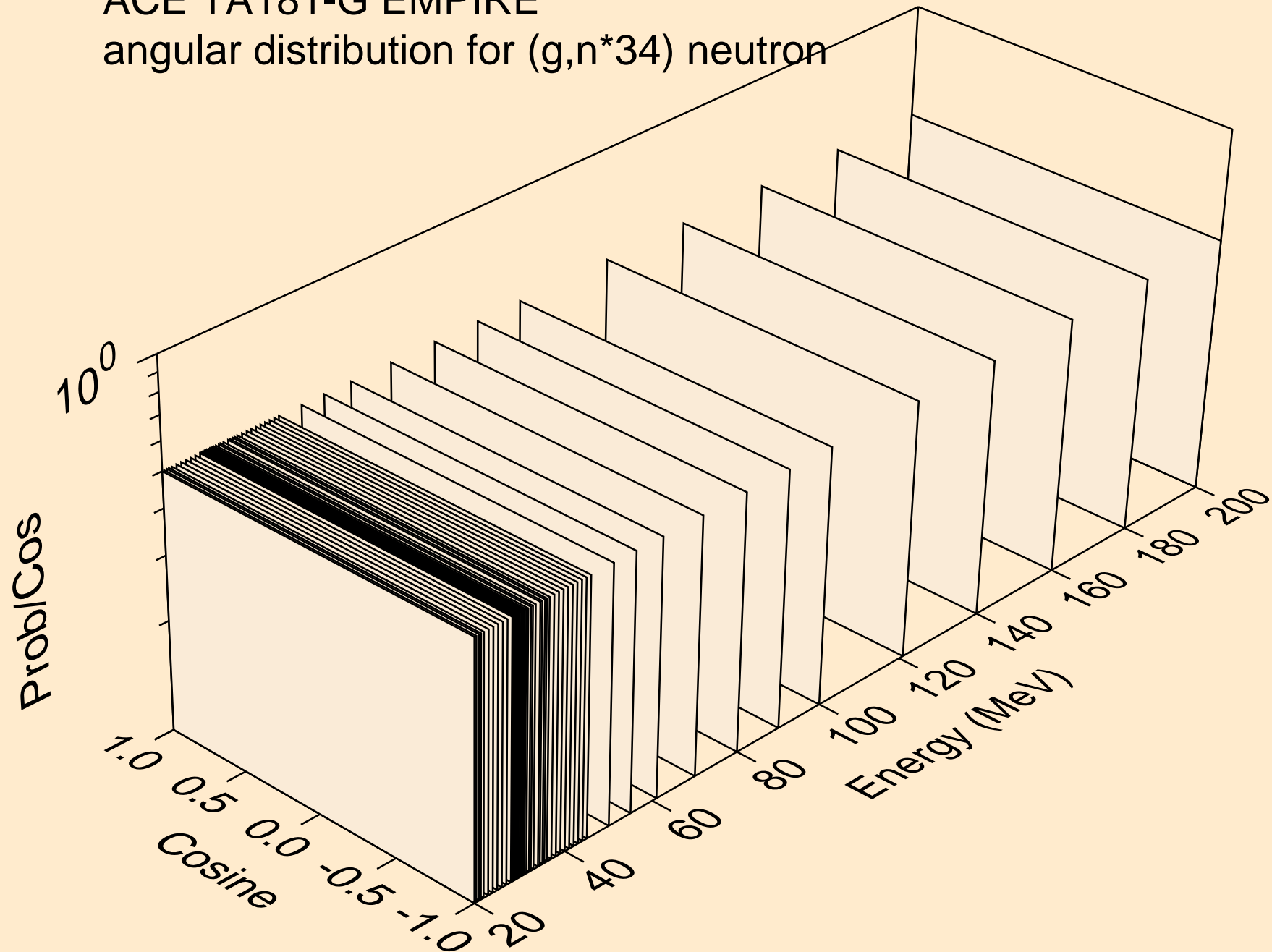
ACE TA181-G EMPIRE

angular distribution for (g,n*34) neutron



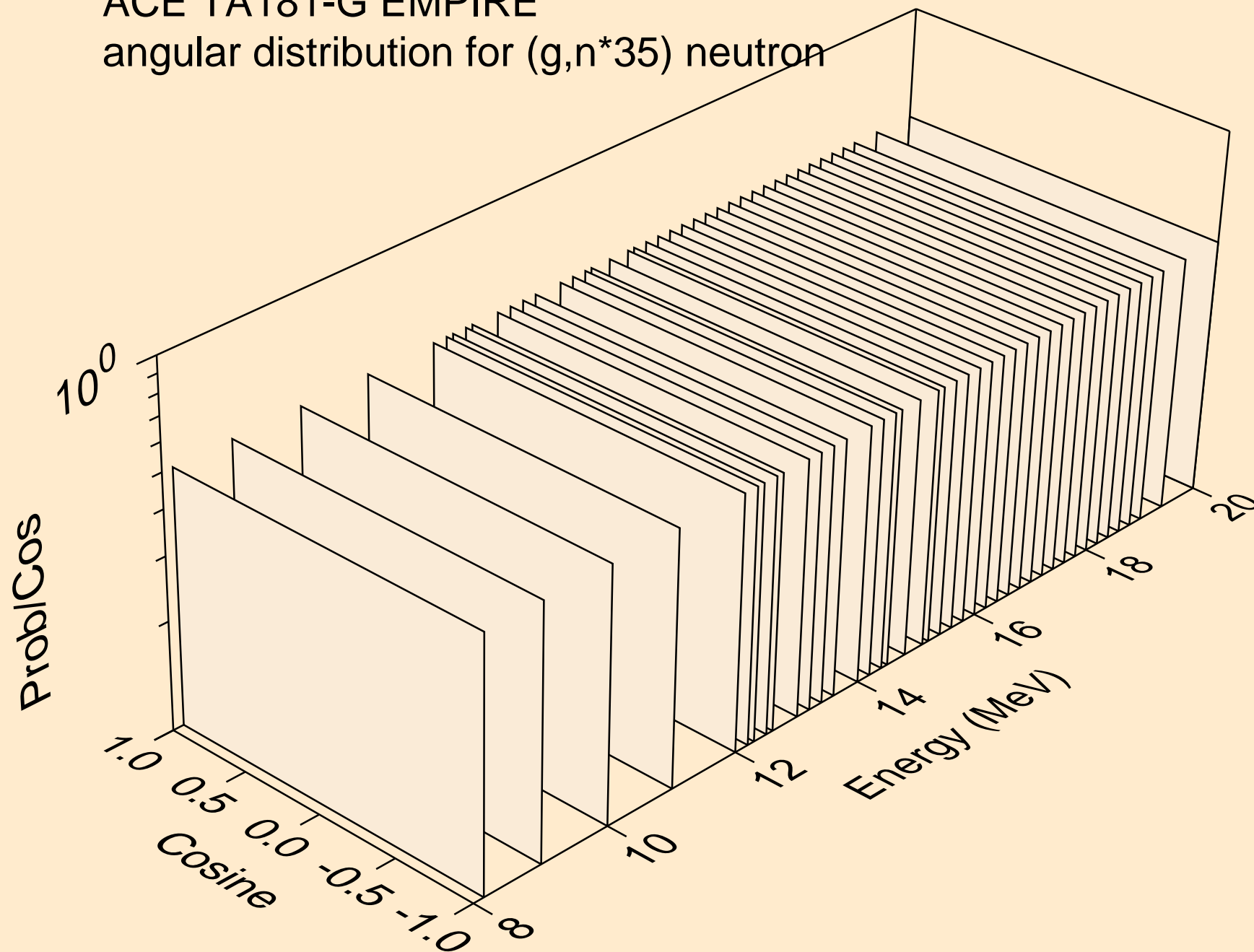
ACE TA181-G EMPIRE

angular distribution for (g,n*34) neutron



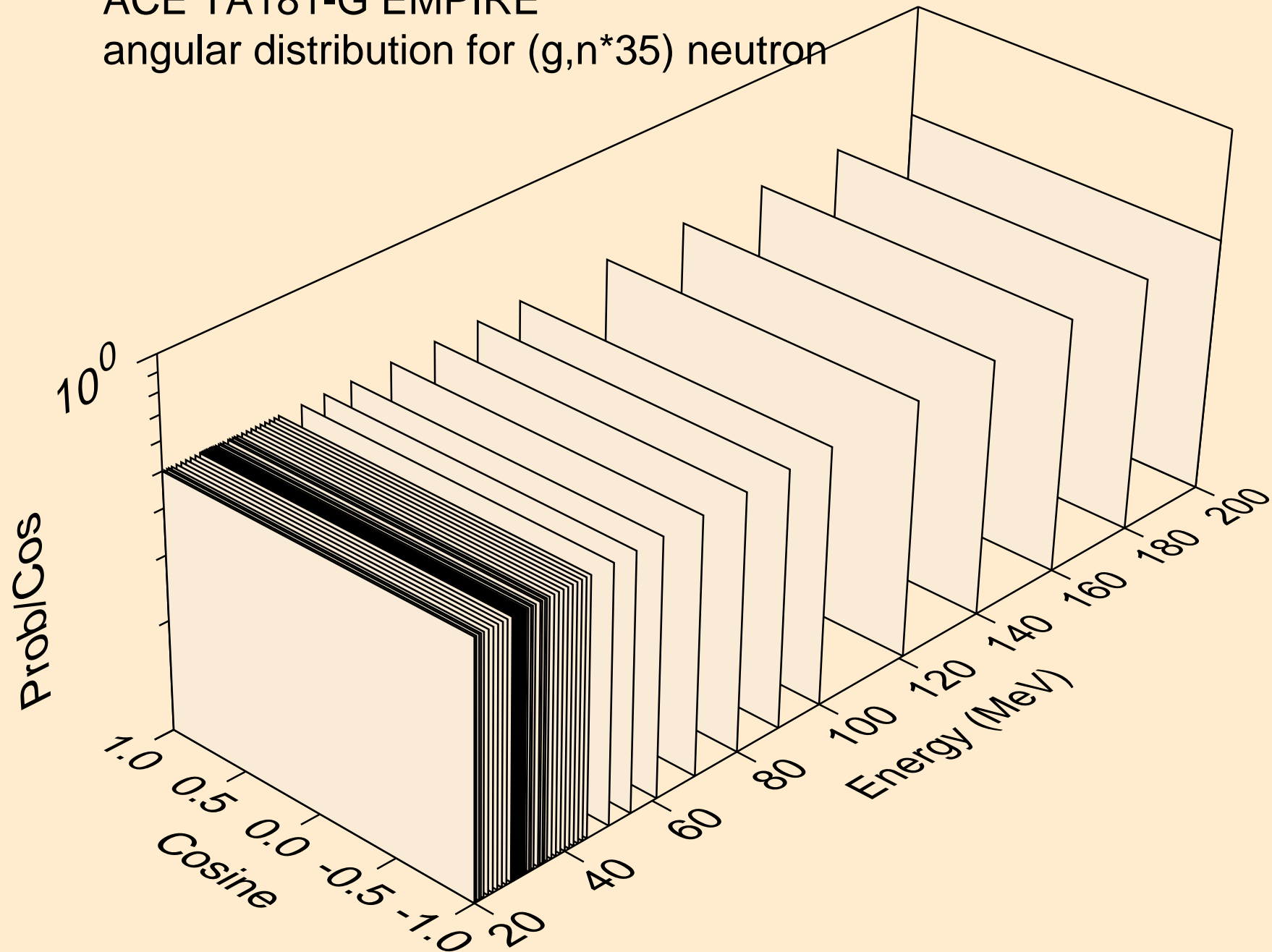
ACE TA181-G EMPIRE

angular distribution for (g,n*35) neutron



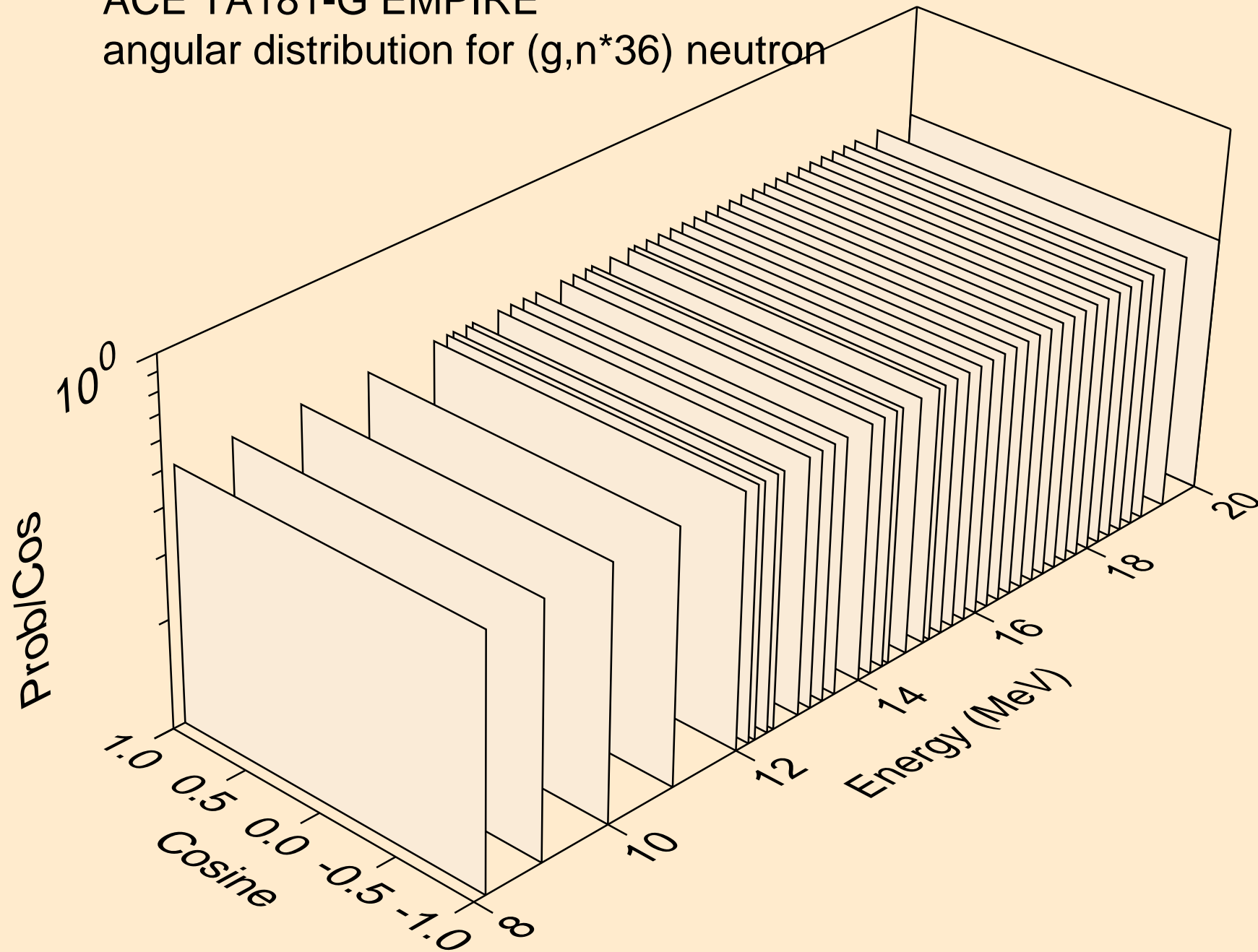
ACE TA181-G EMPIRE

angular distribution for (g,n*35) neutron



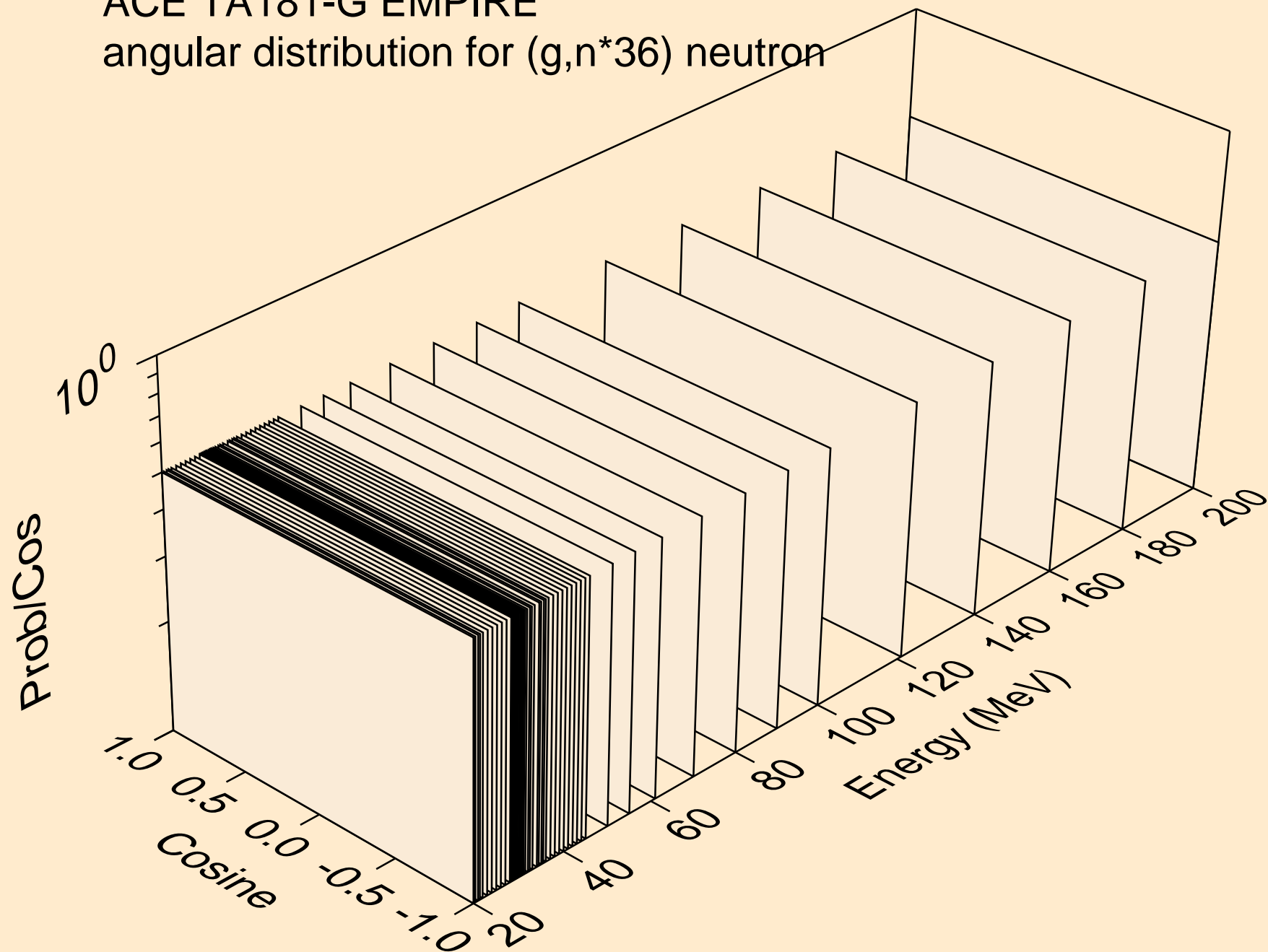
ACE TA181-G EMPIRE

angular distribution for (g,n*36) neutron



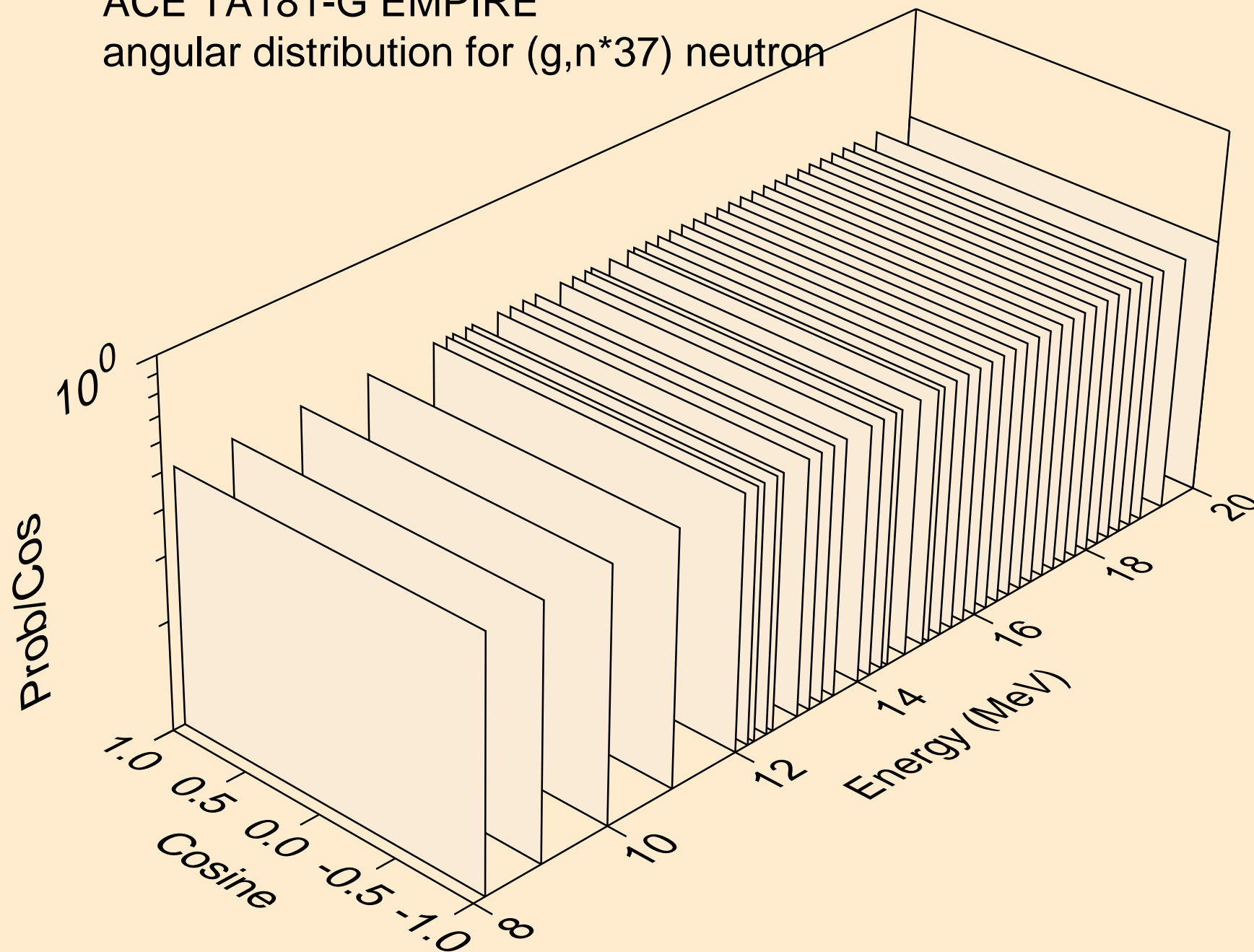
ACE TA181-G EMPIRE

angular distribution for (g,n*36) neutron



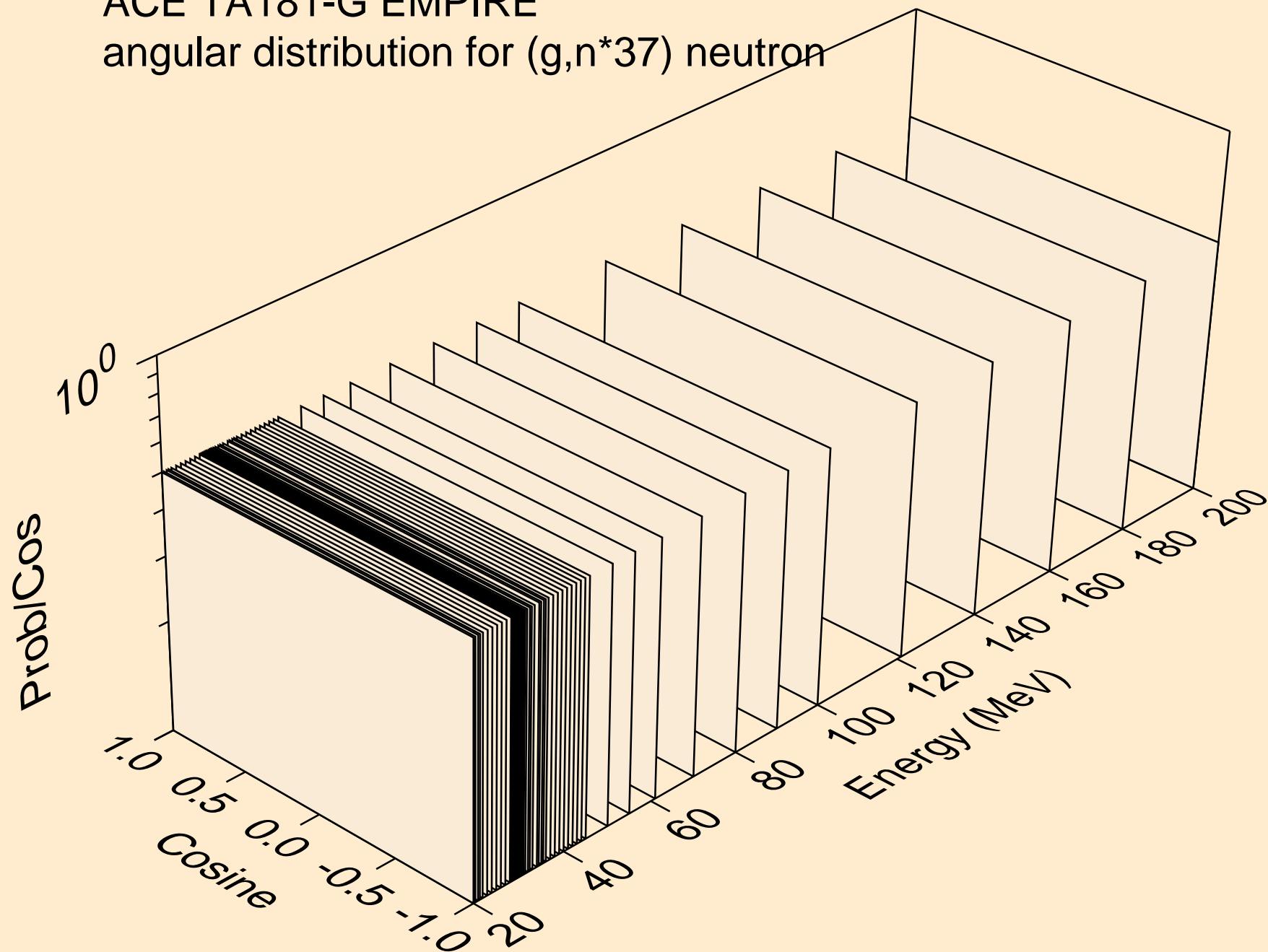
ACE TA181-G EMPIRE

angular distribution for (g,n*37) neutron



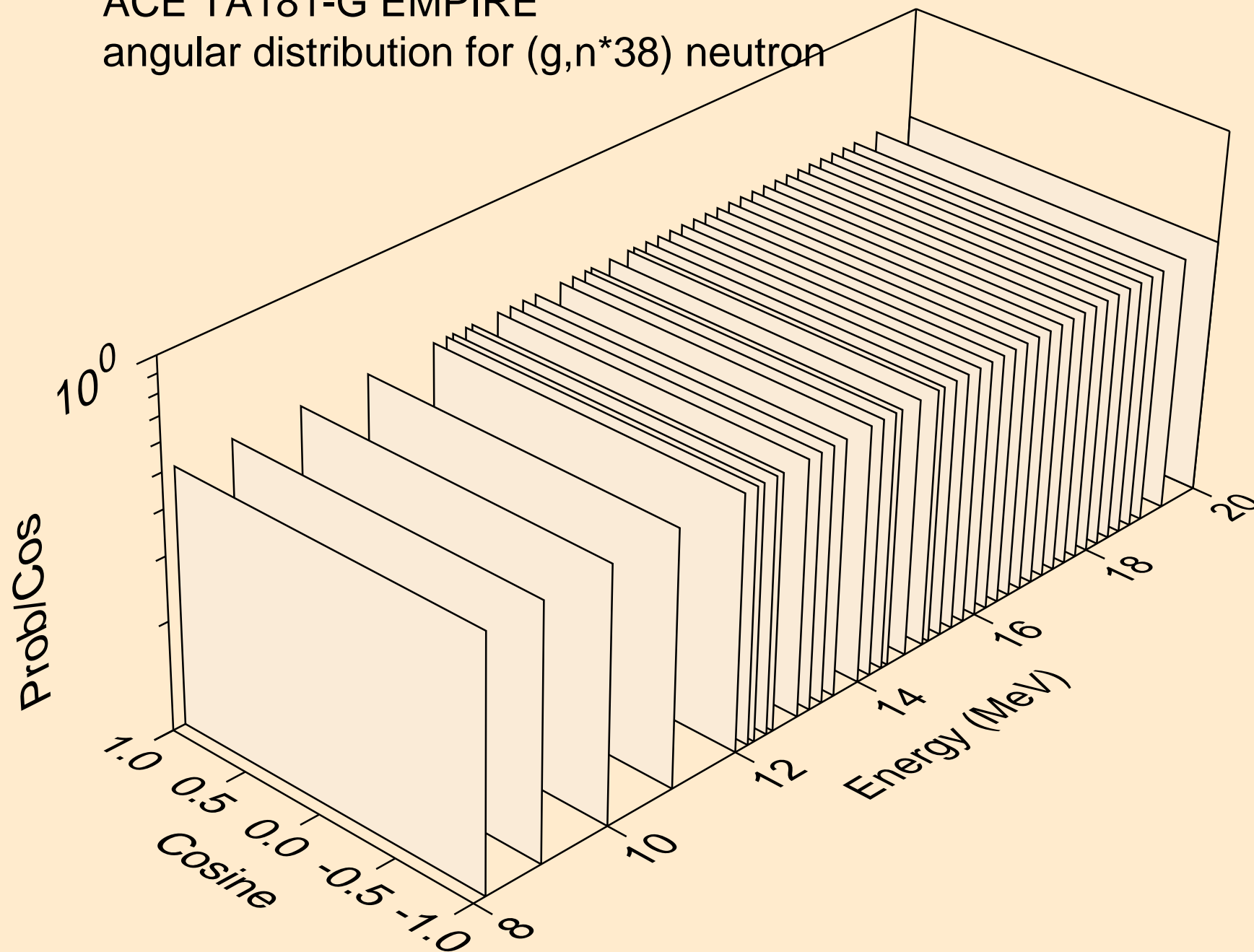
ACE TA181-G EMPIRE

angular distribution for (g,n*37) neutron



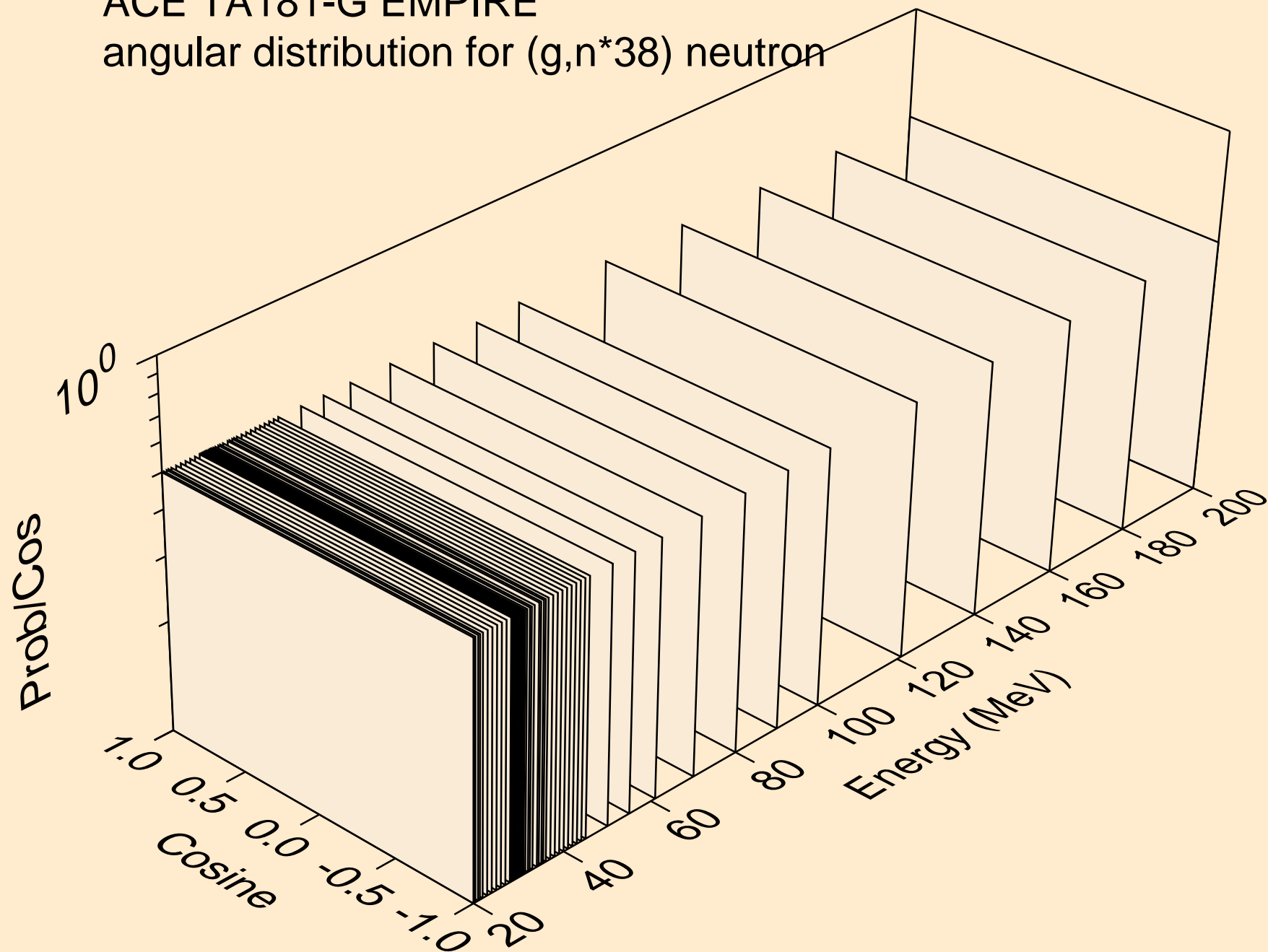
ACE TA181-G EMPIRE

angular distribution for (g,n*38) neutron



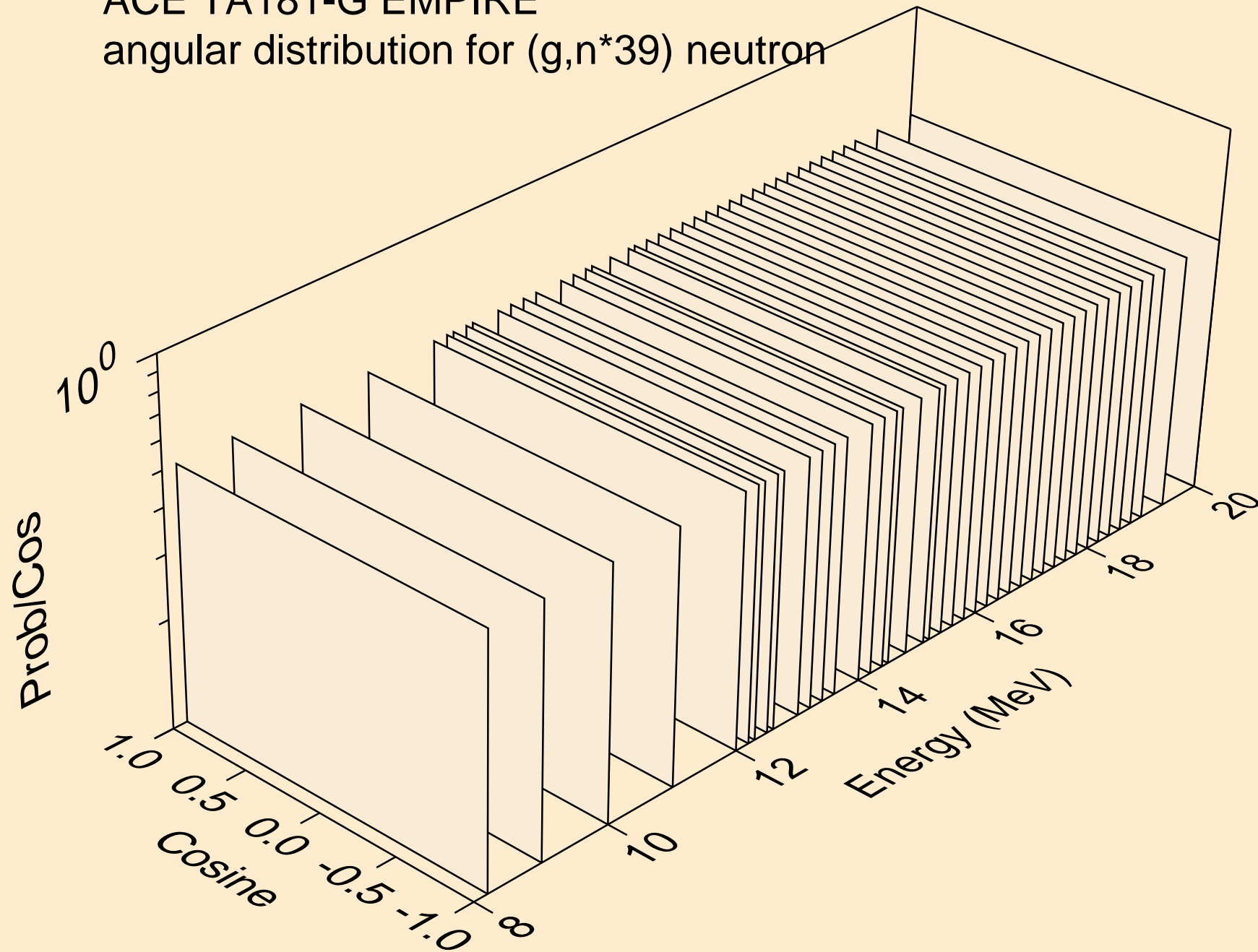
ACE TA181-G EMPIRE

angular distribution for (g,n*38) neutron



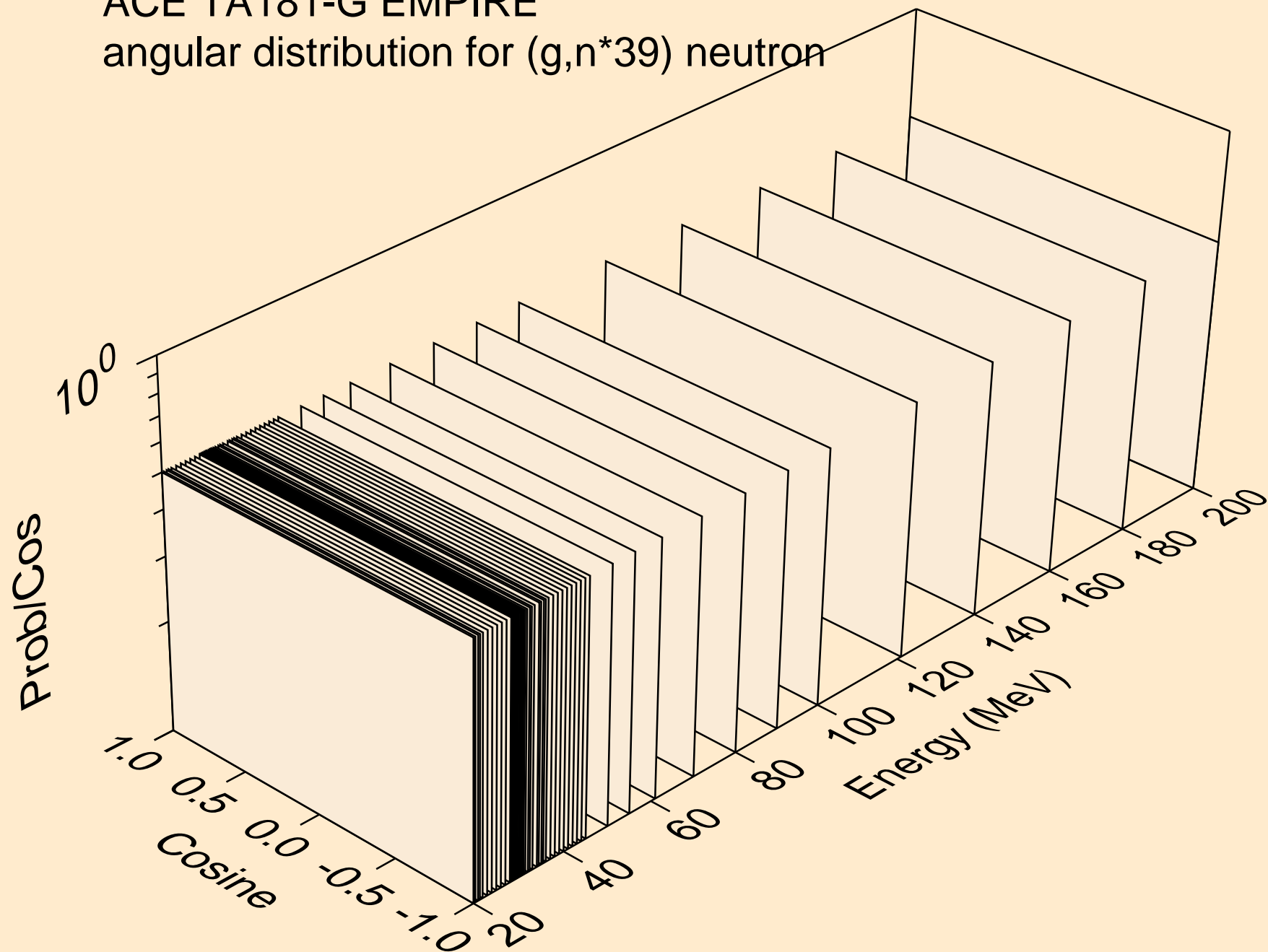
ACE TA181-G EMPIRE

angular distribution for (g,n*39) neutron



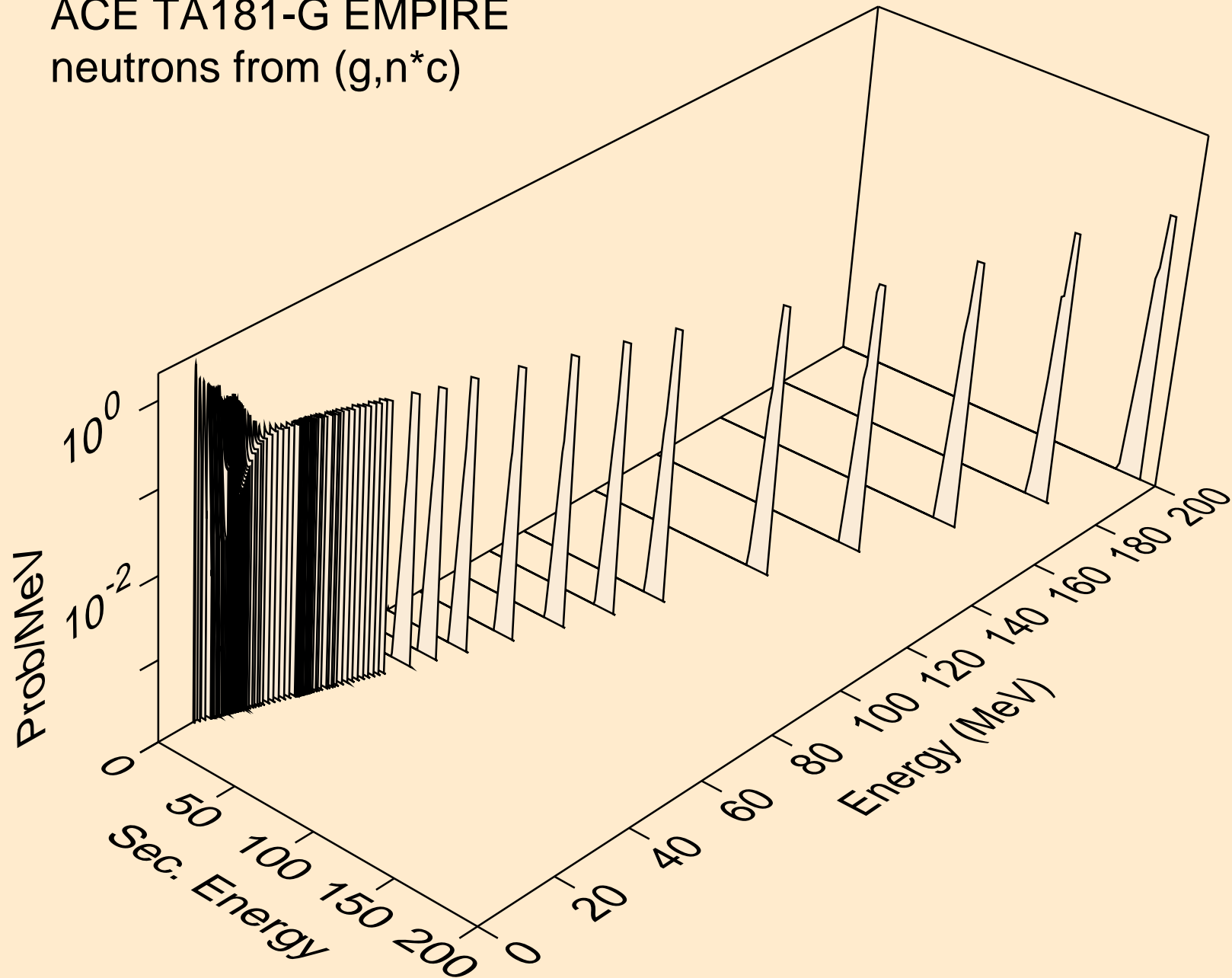
ACE TA181-G EMPIRE

angular distribution for (g,n*39) neutron

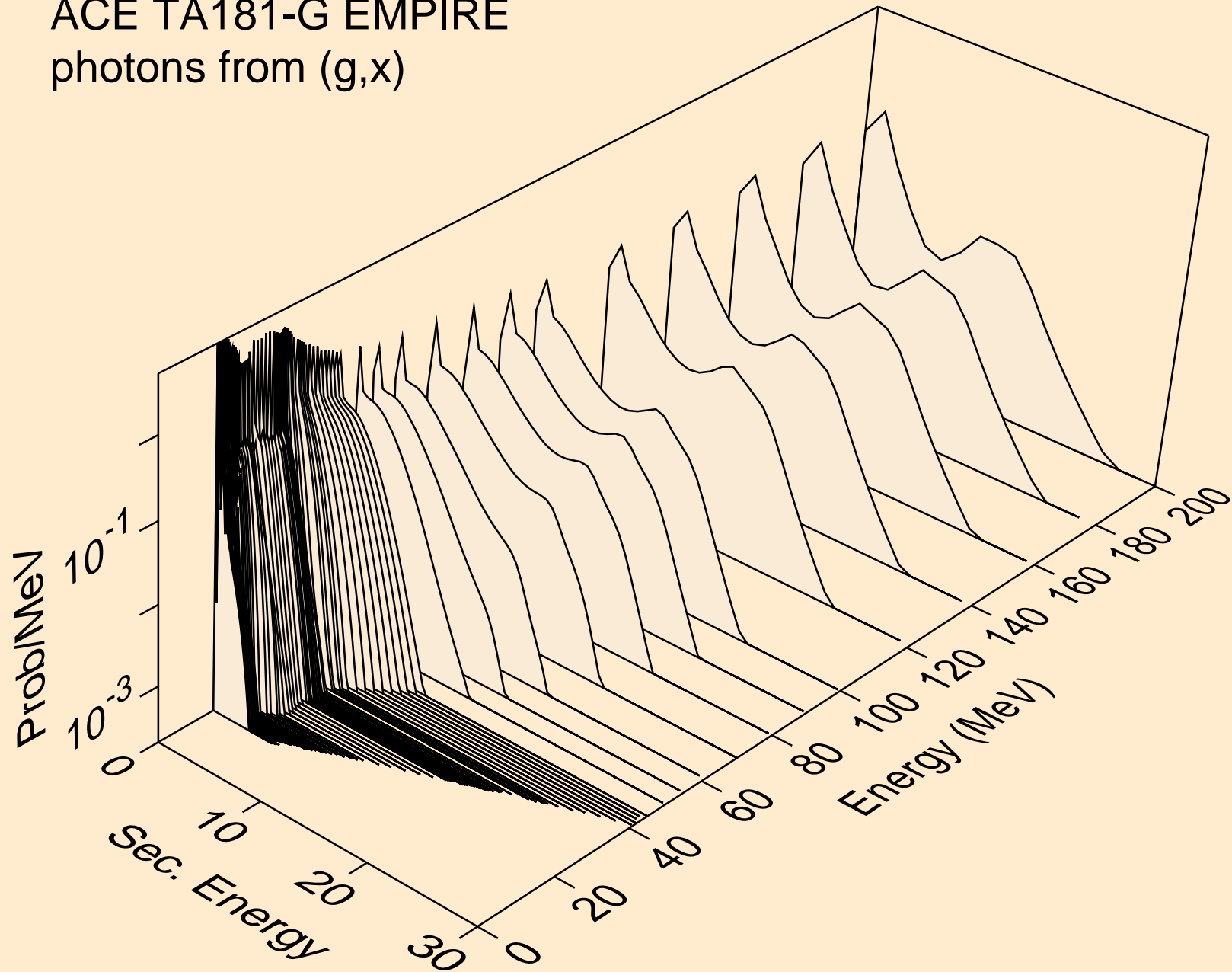


ACE TA181-G EMPIRE

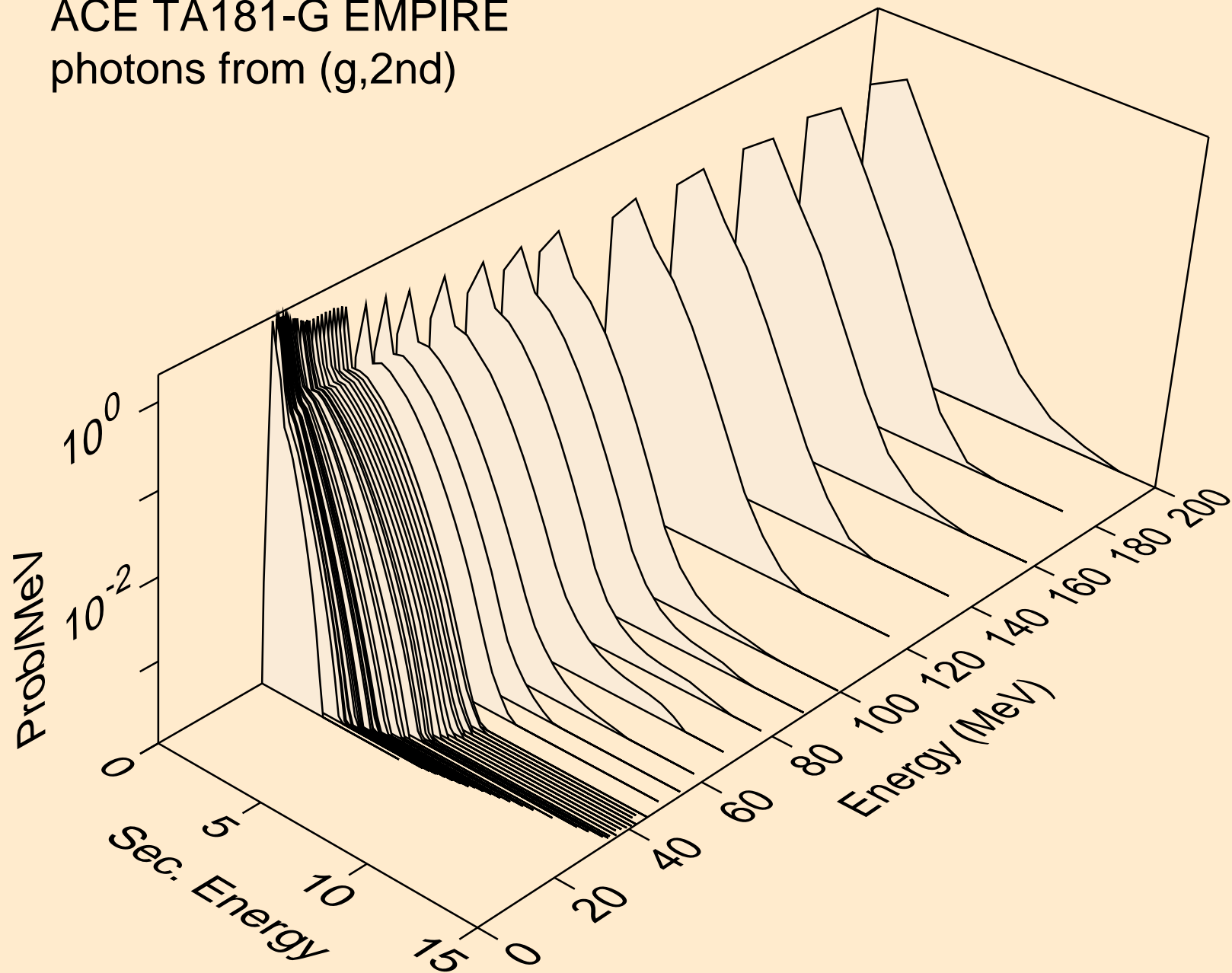
neutrons from (g,n*c)



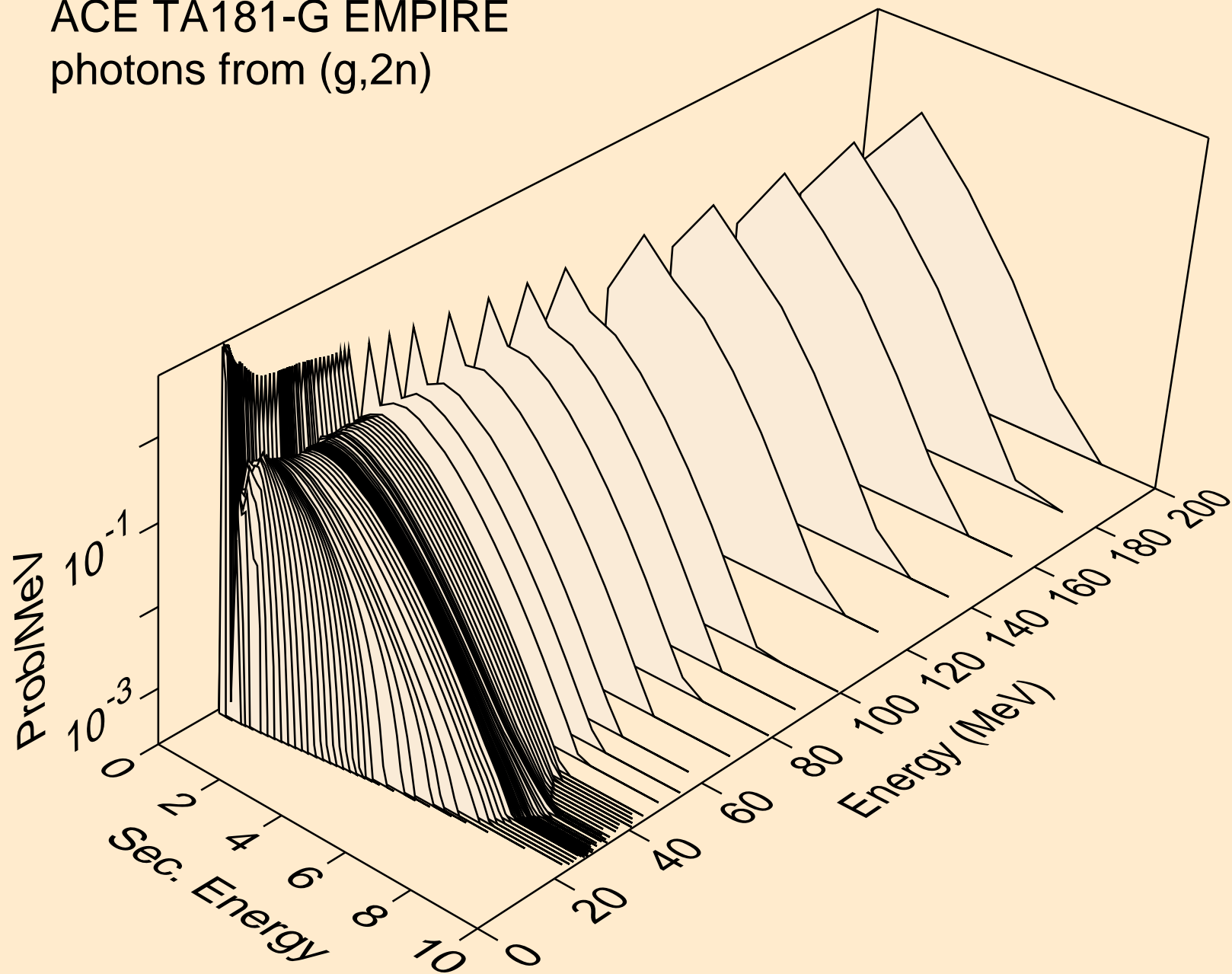
ACE TA181-G EMPIRE photons from (g,x)



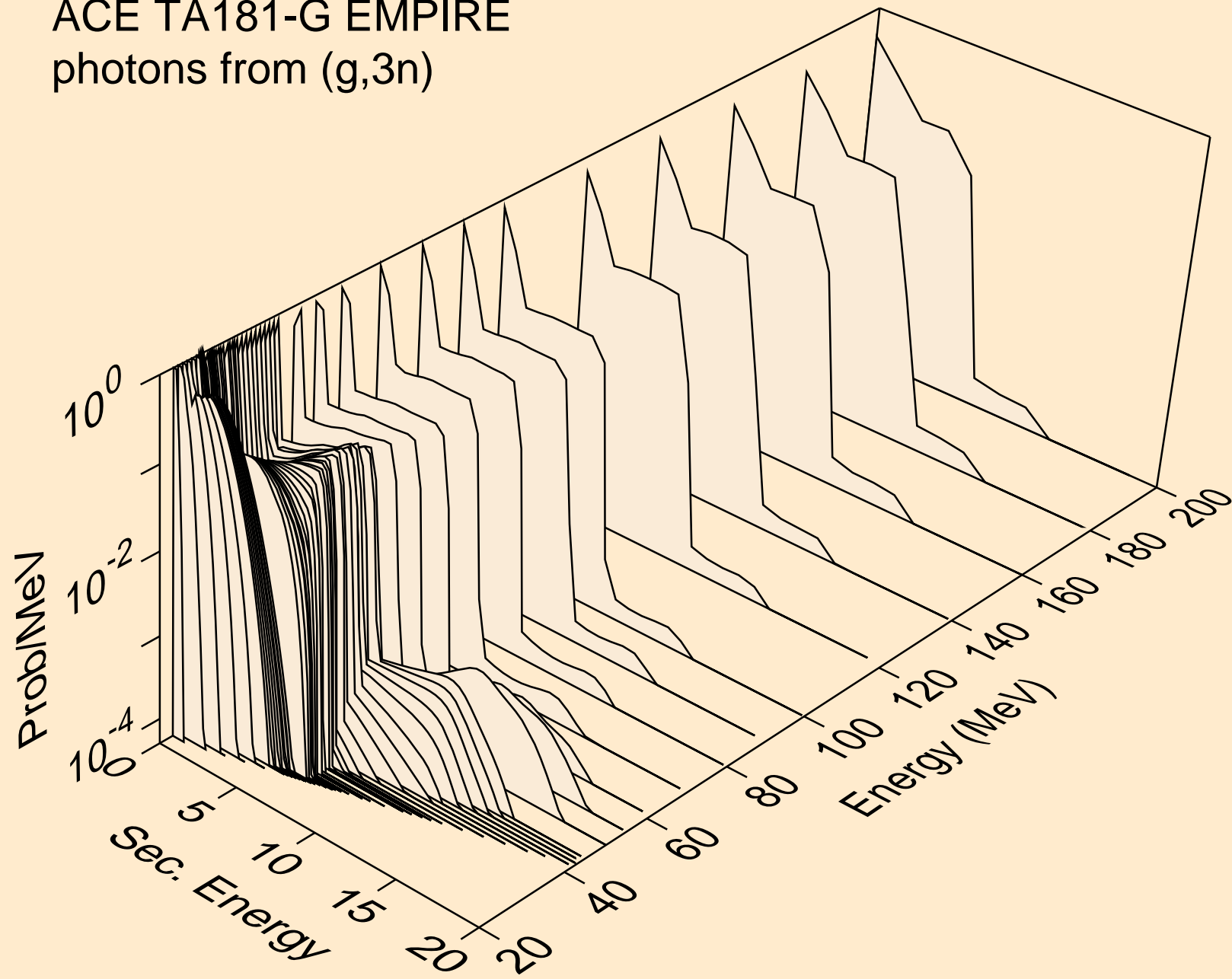
ACE TA181-G EMPIRE
photons from (g,2nd)



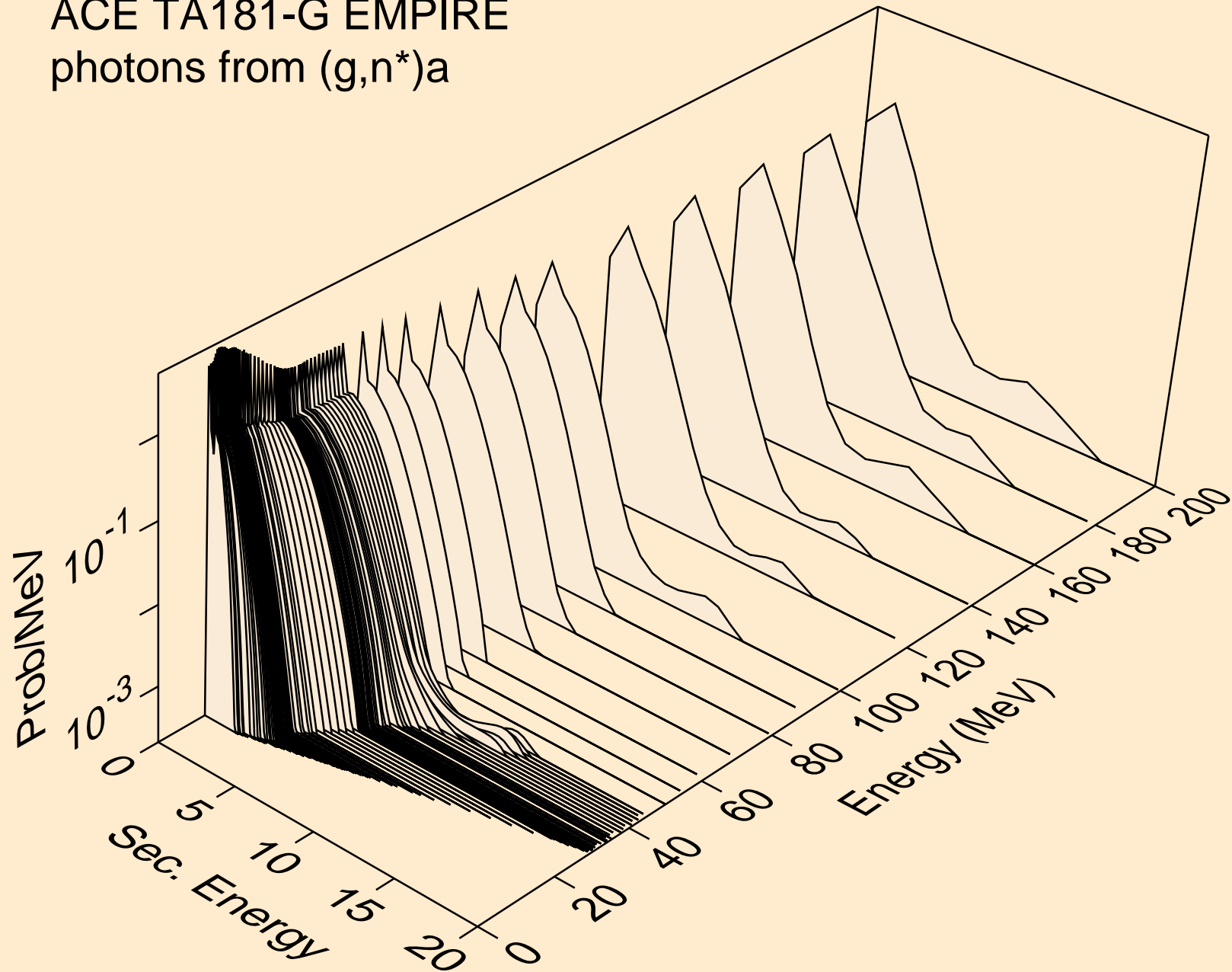
ACE TA181-G EMPIRE
photons from (g,2n)



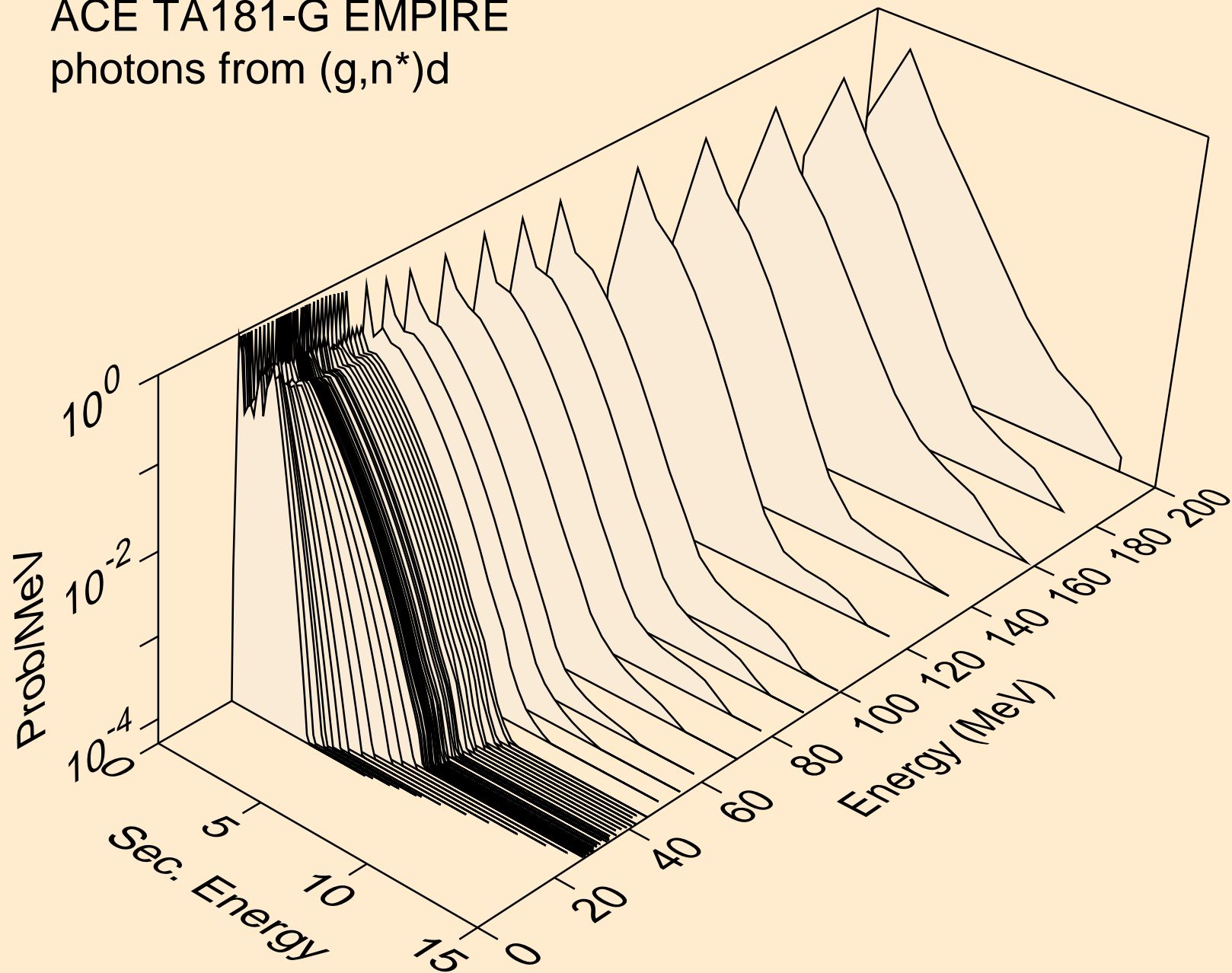
ACE TA181-G EMPIRE photons from (g,3n)



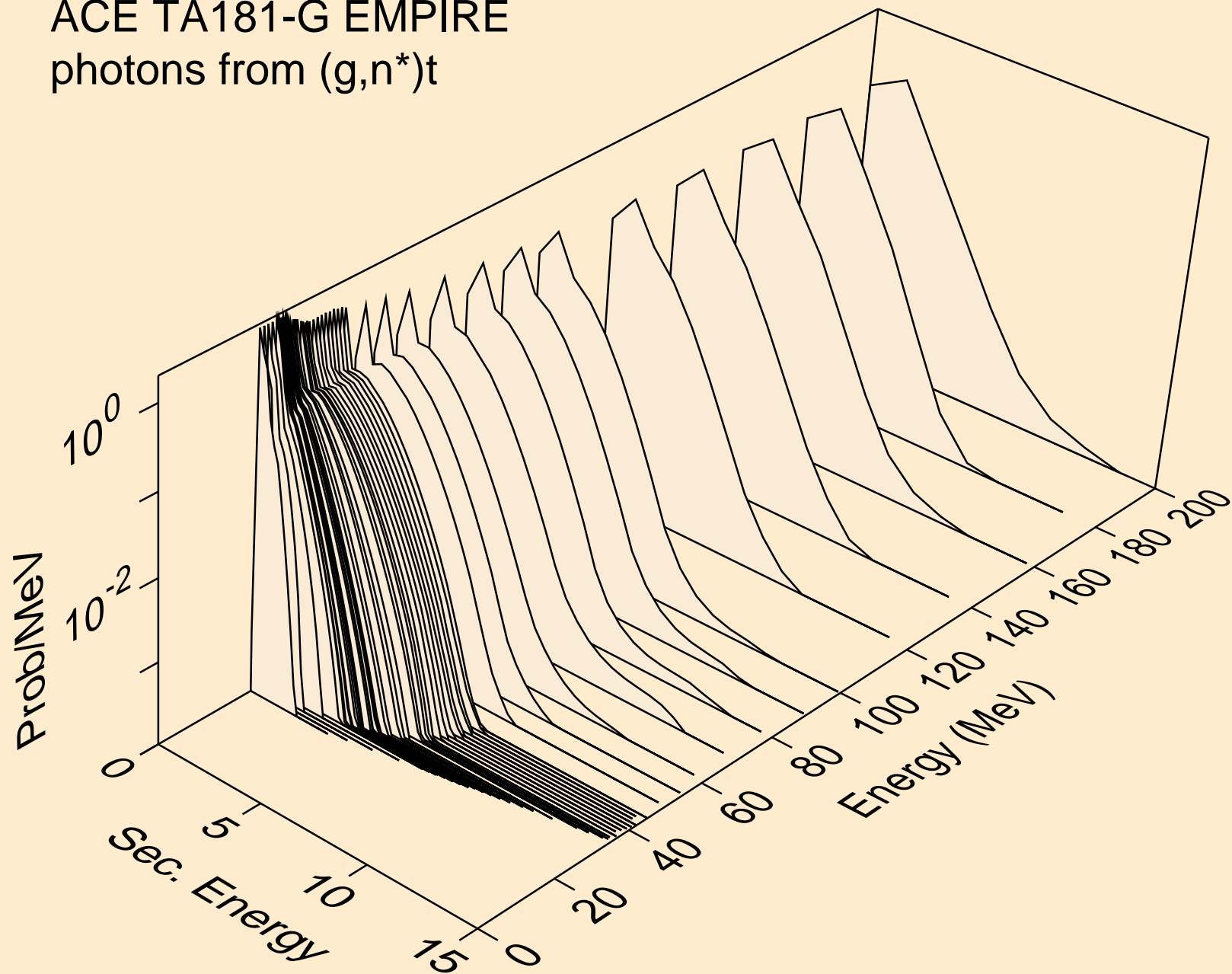
ACE TA181-G EMPIRE
photons from $(g,n^*)a$



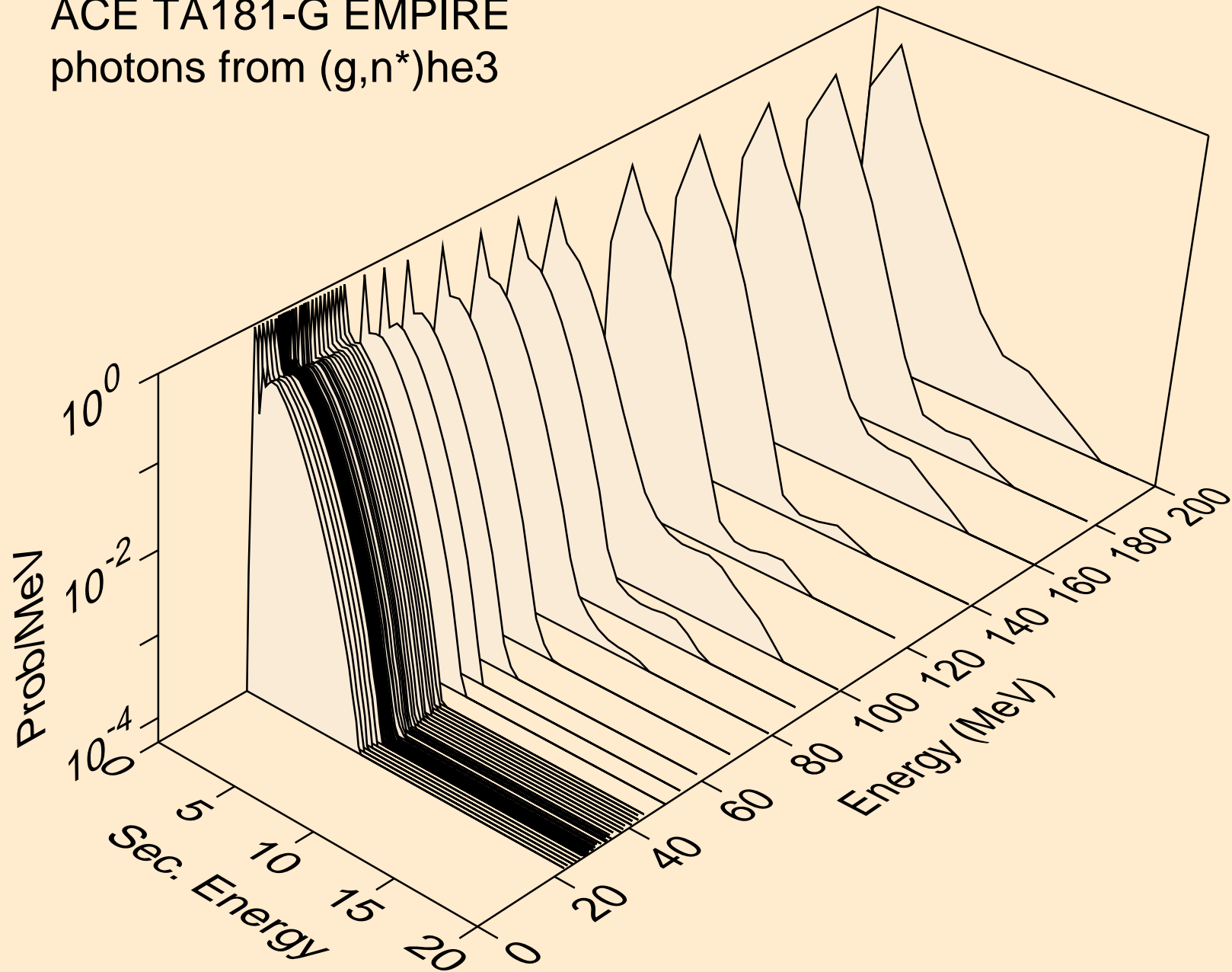
ACE TA181-G EMPIRE
photons from $(g,n^*)d$



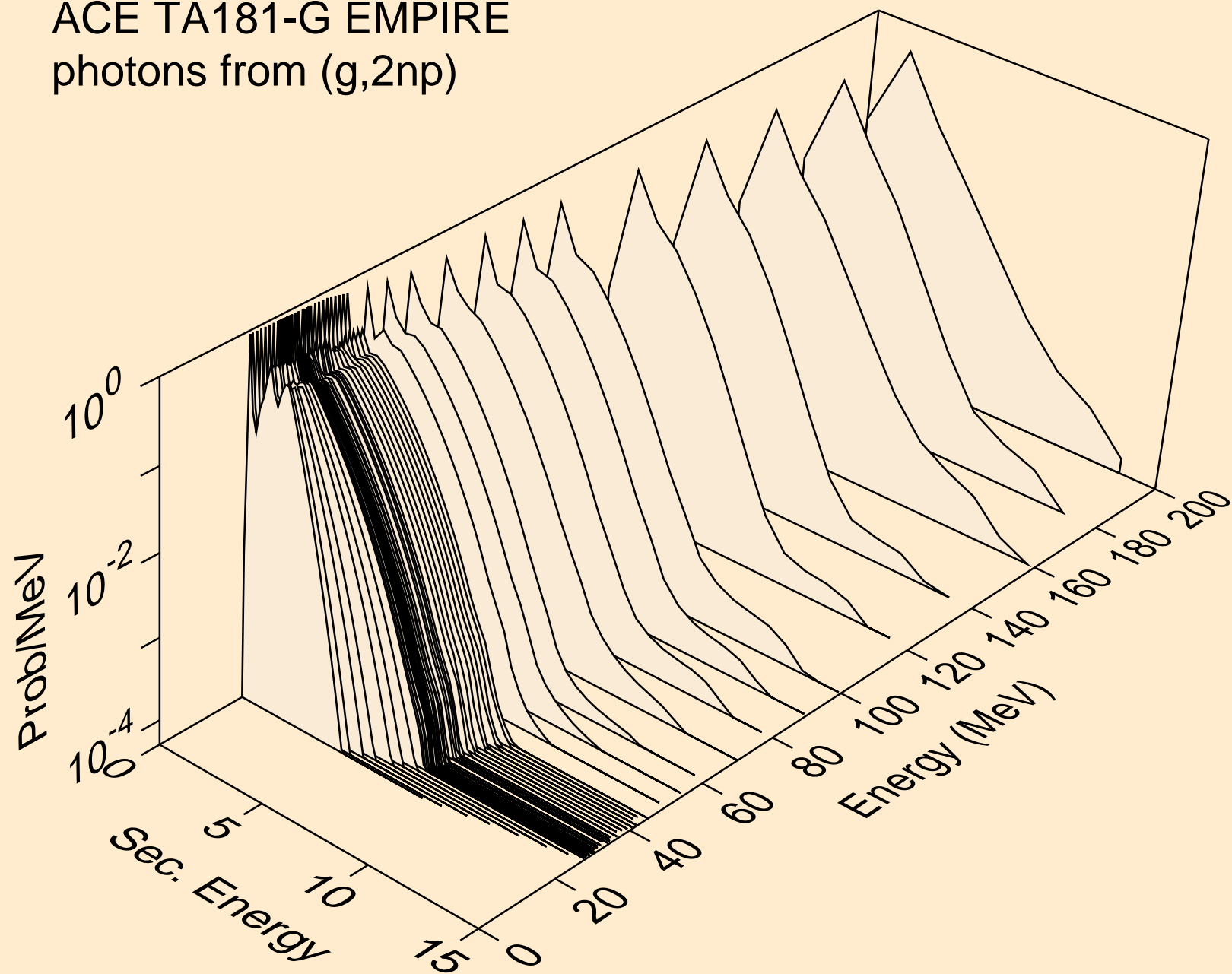
ACE TA181-G EMPIRE
photons from $(g,n^*)t$



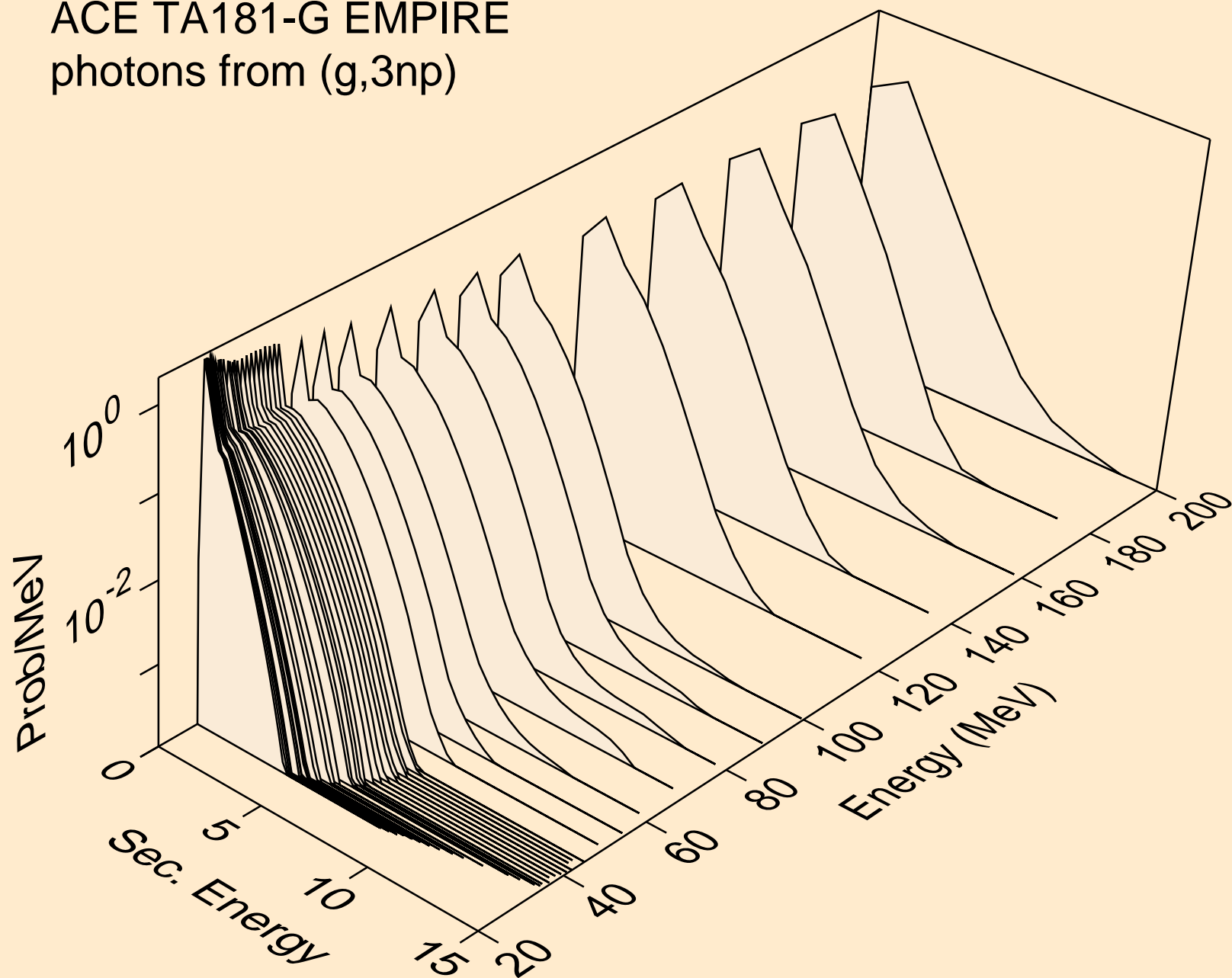
ACE TA181-G EMPIRE
photons from $(g,n^*)\text{he3}$



ACE TA181-G EMPIRE photons from (g,2np)

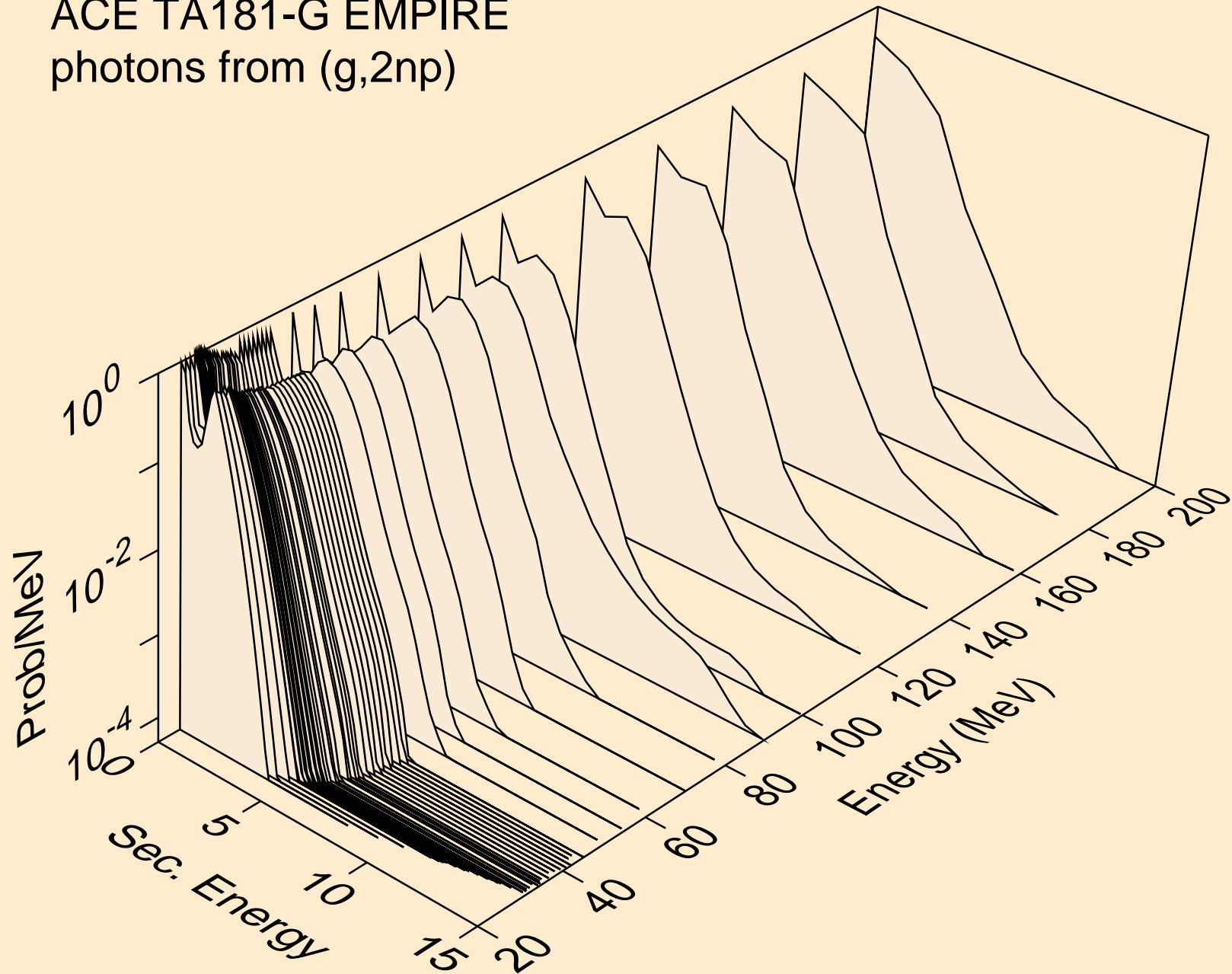


ACE TA181-G EMPIRE
photons from (g,3np)

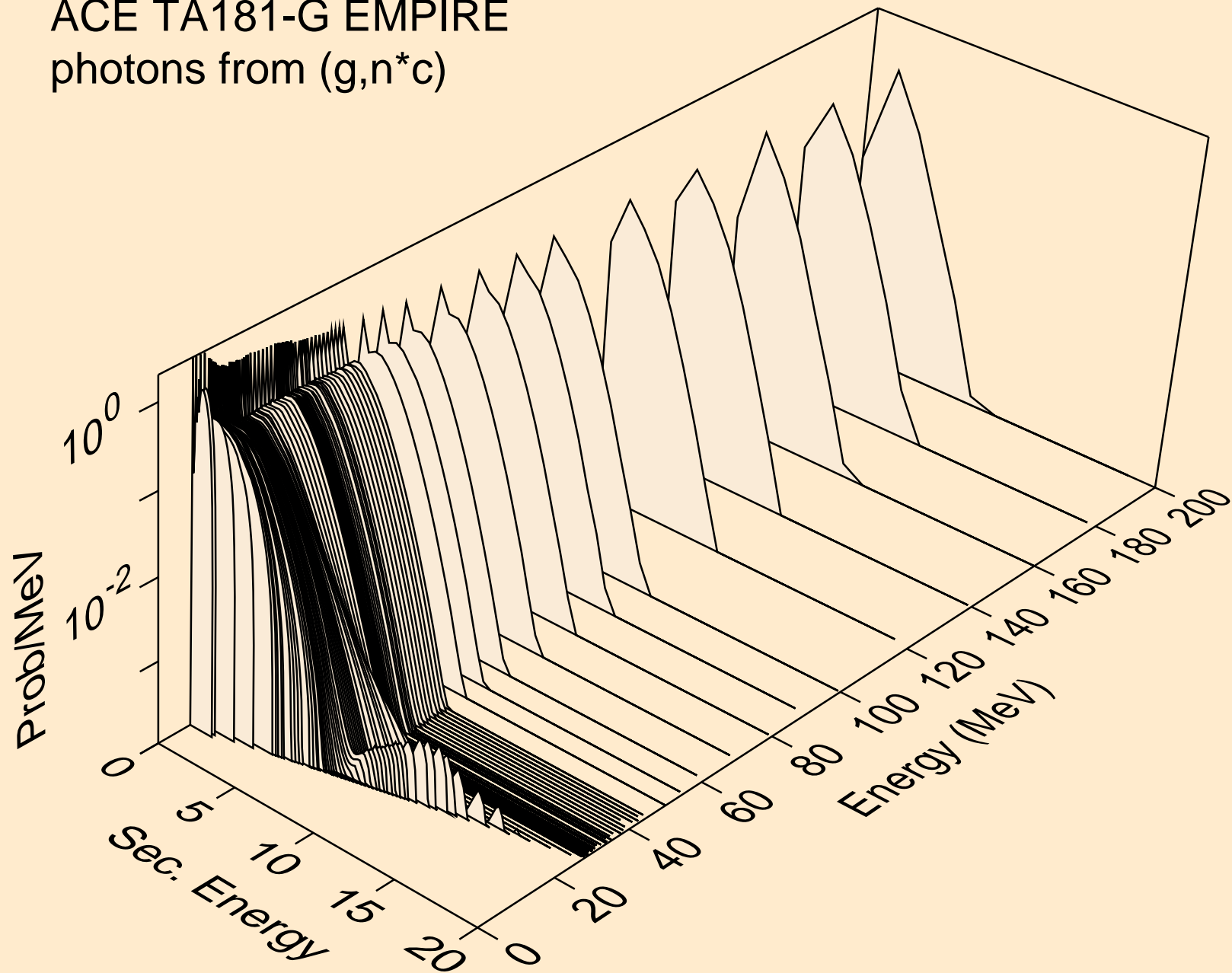


ACE TA181-G EMPIRE

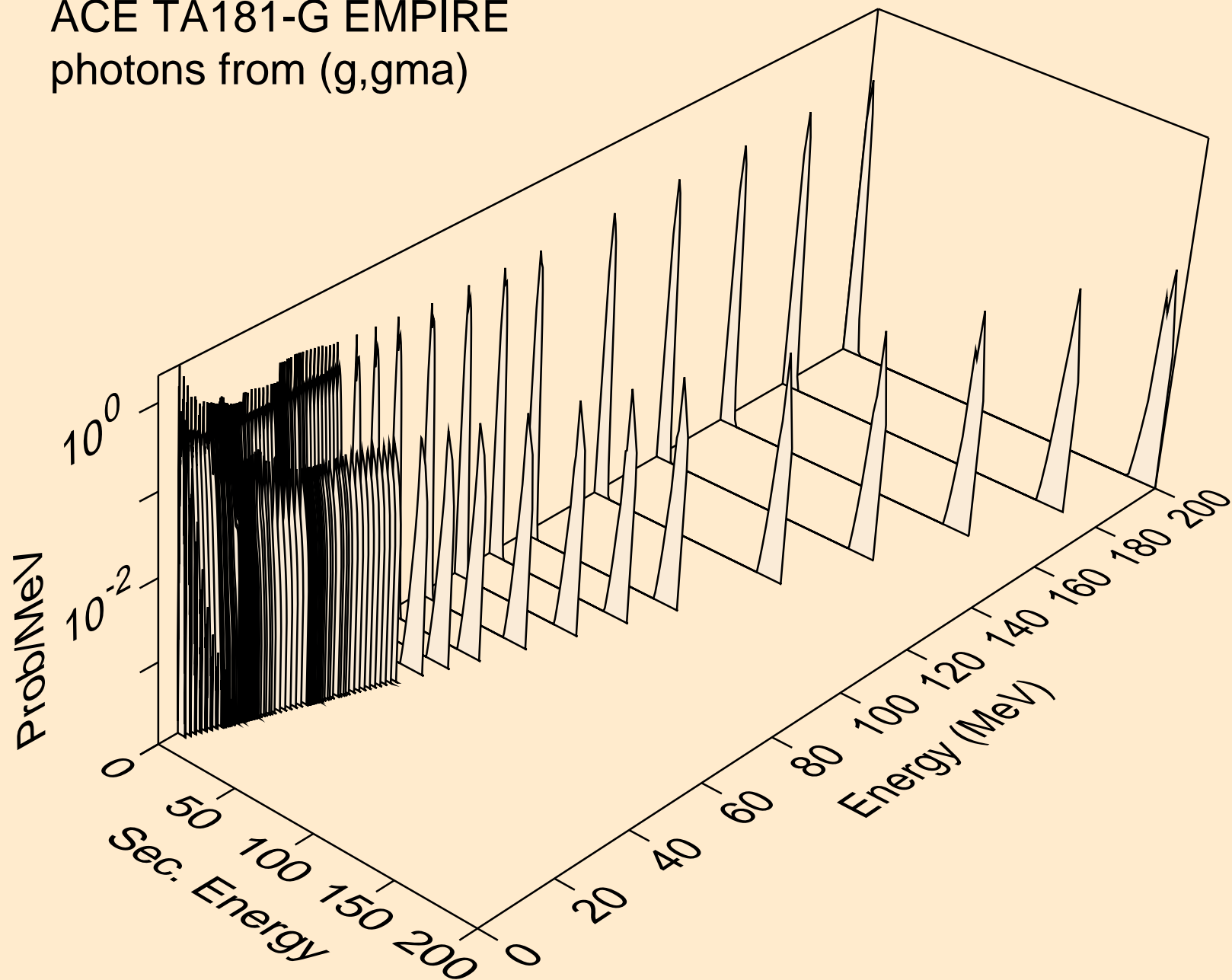
photons from (g,2np)



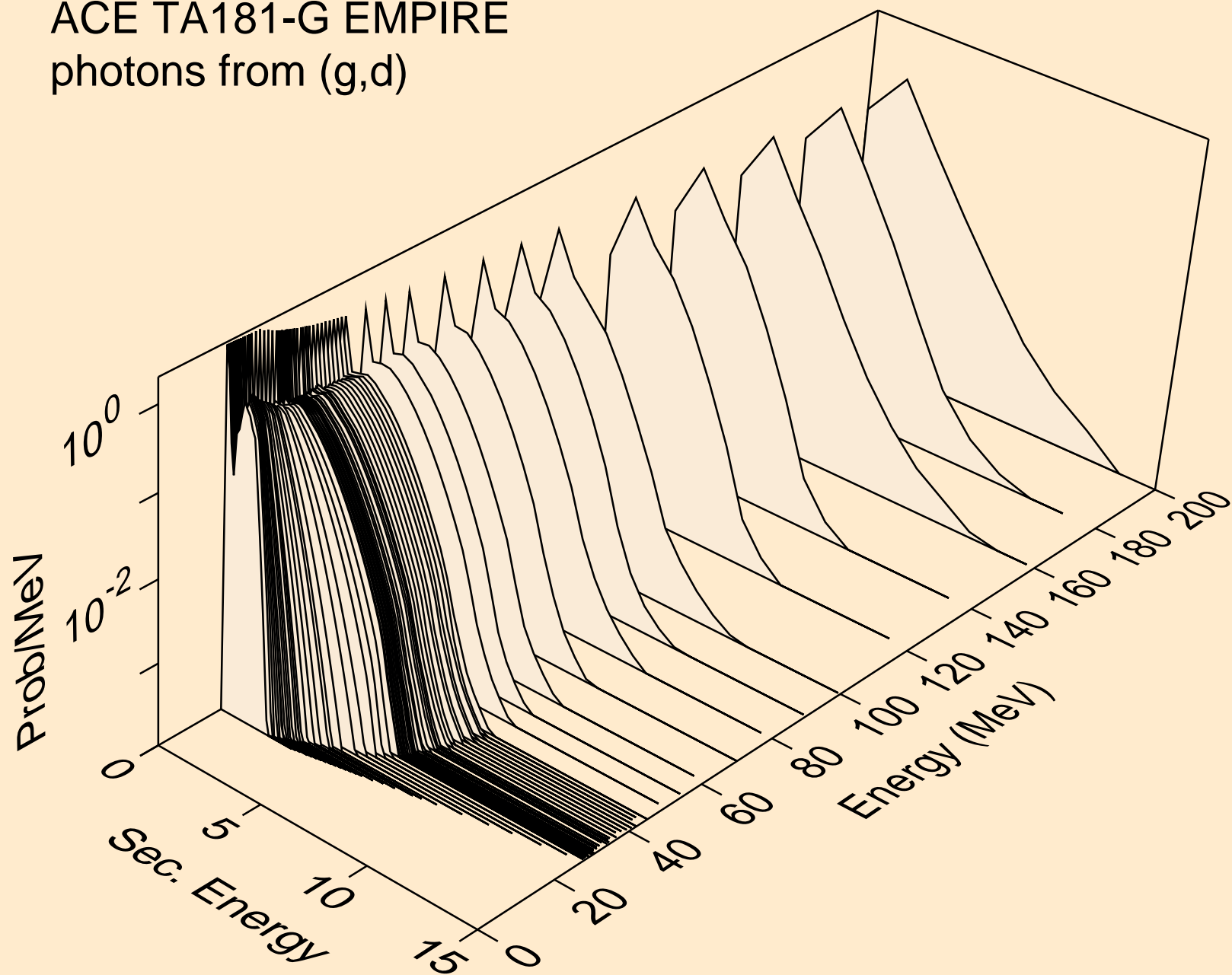
ACE TA181-G EMPIRE
photons from (g,n^*c)



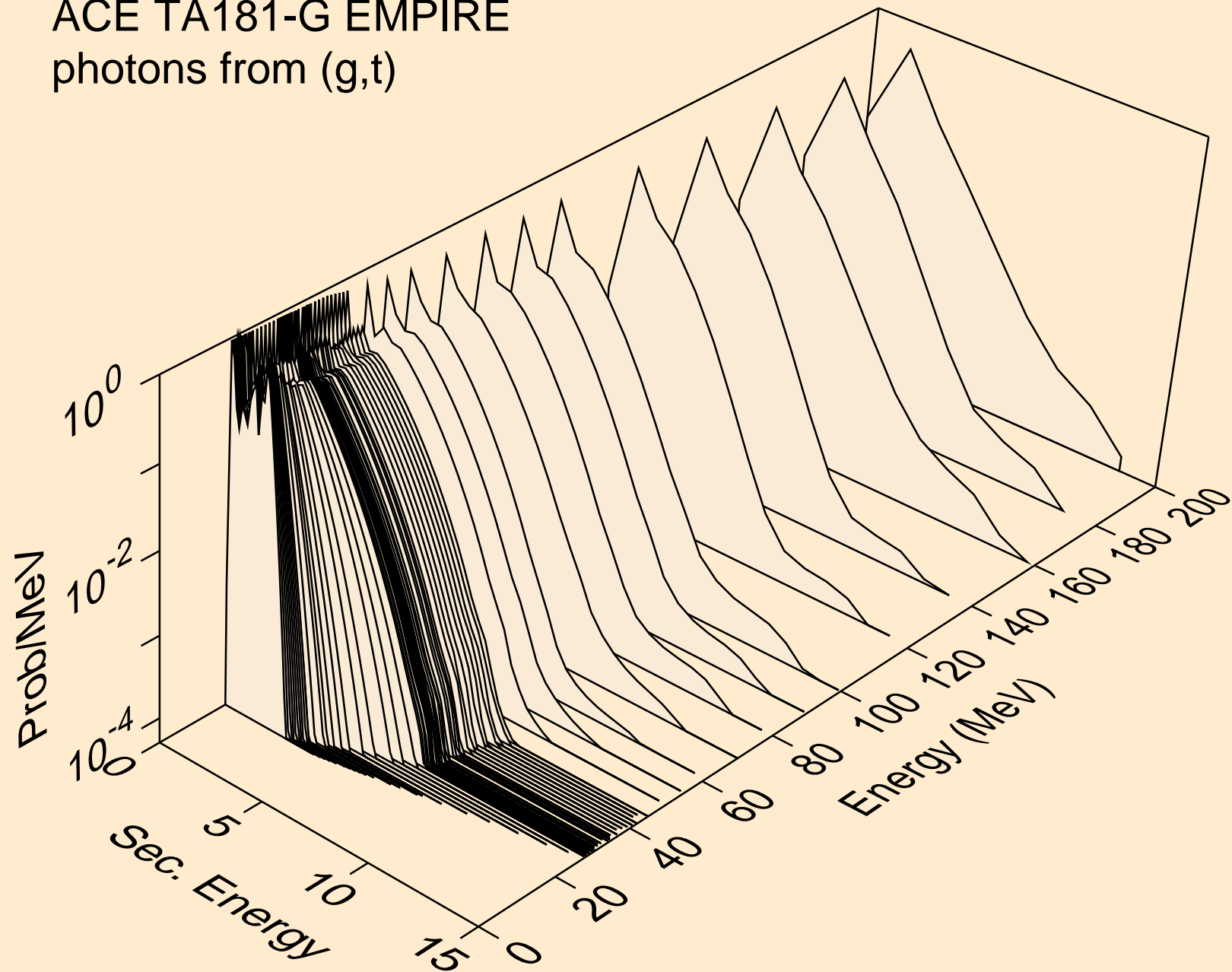
ACE TA181-G EMPIRE photons from (g,gma)



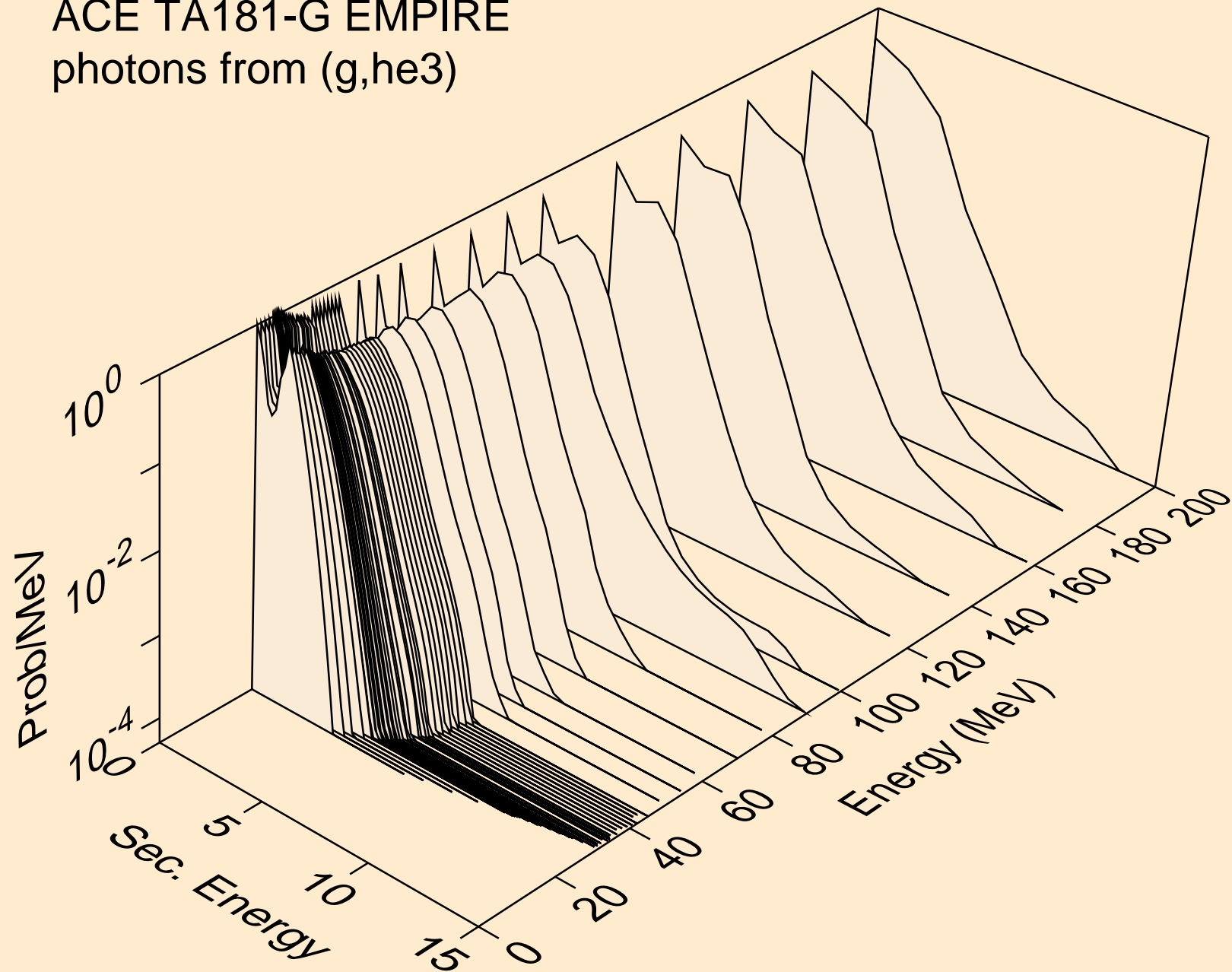
ACE TA181-G EMPIRE photons from (g,d)



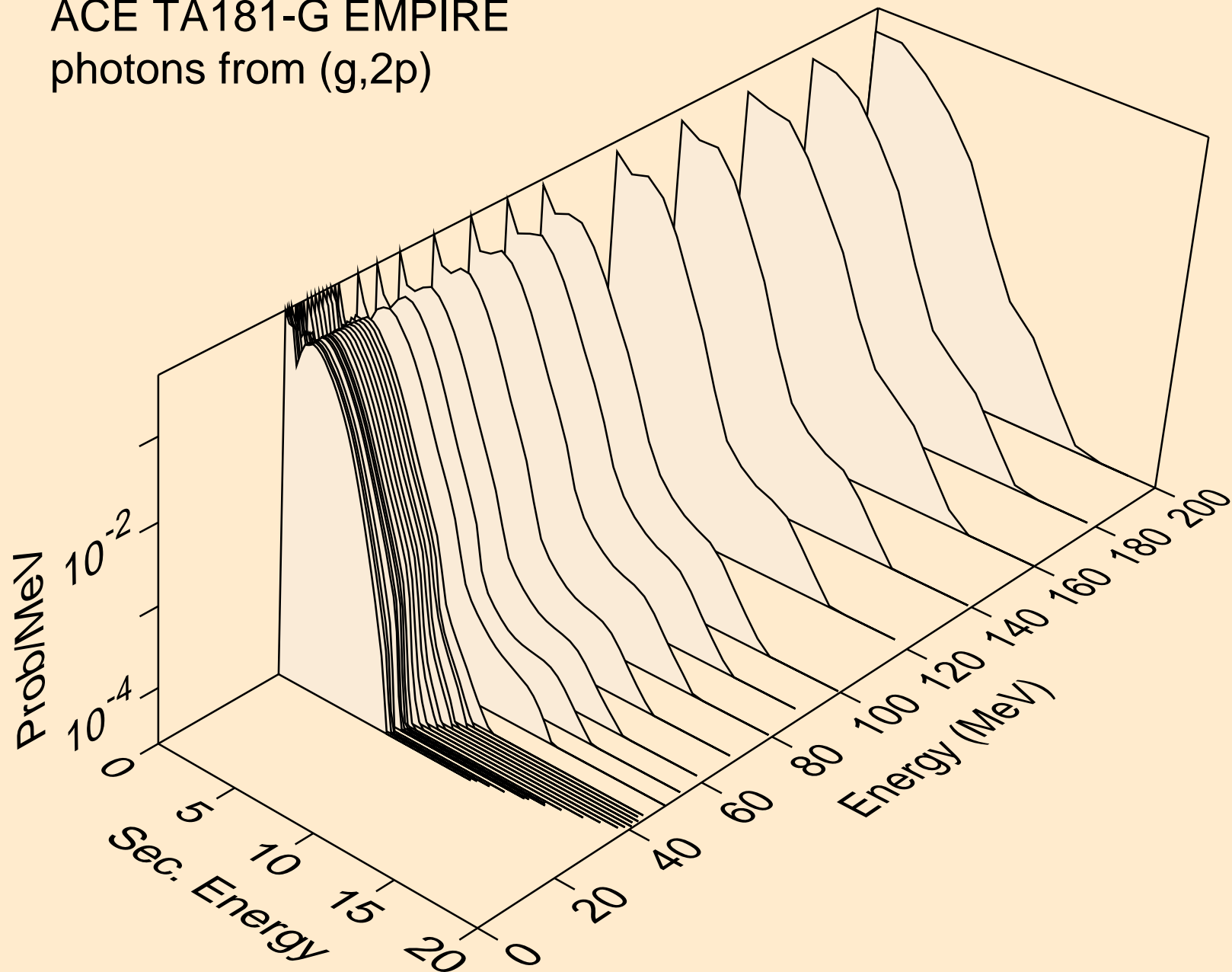
ACE TA181-G EMPIRE photons from (g,t)



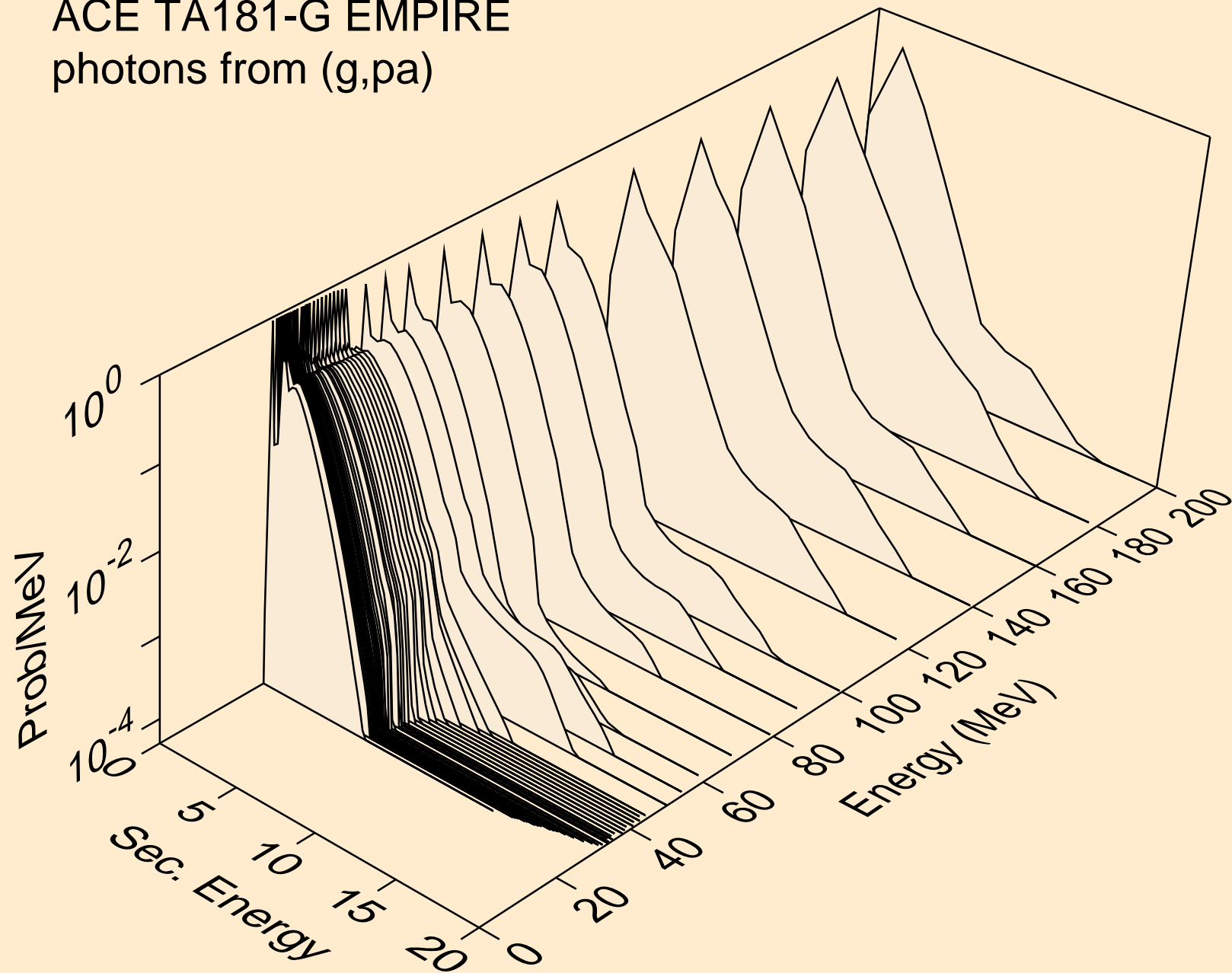
ACE TA181-G EMPIRE
photons from (g,he3)



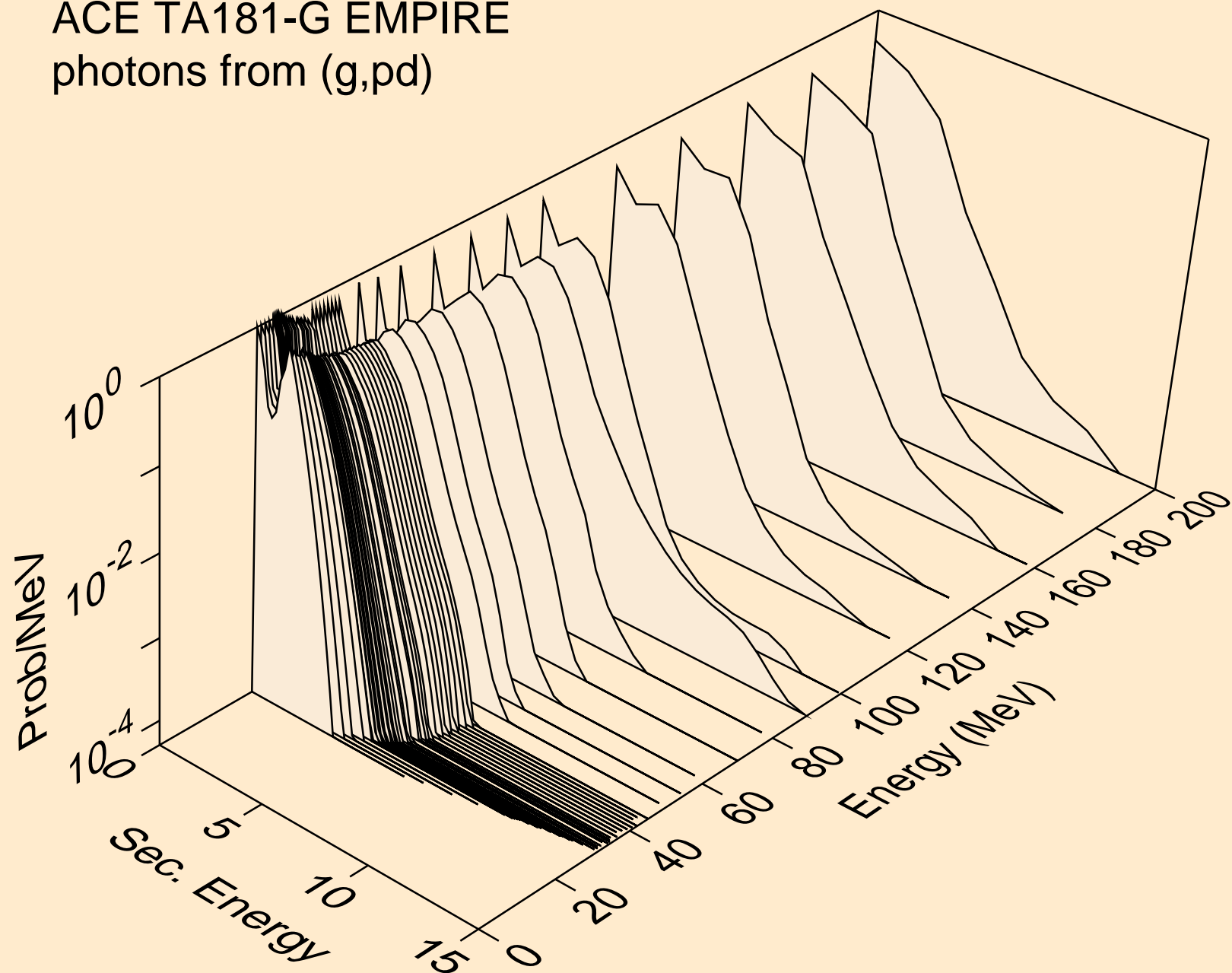
ACE TA181-G EMPIRE
photons from (g,2p)



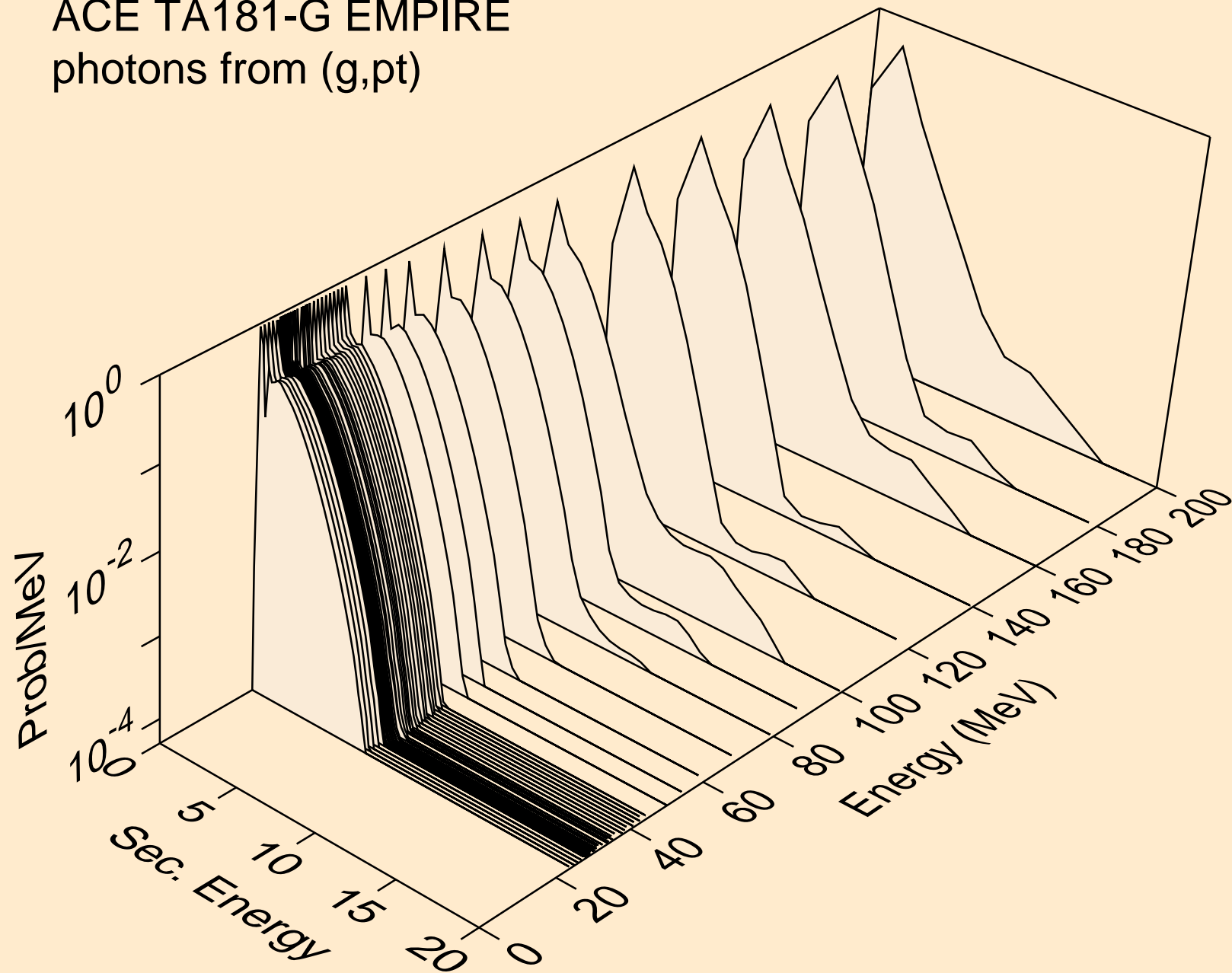
ACE TA181-G EMPIRE photons from (g,pa)



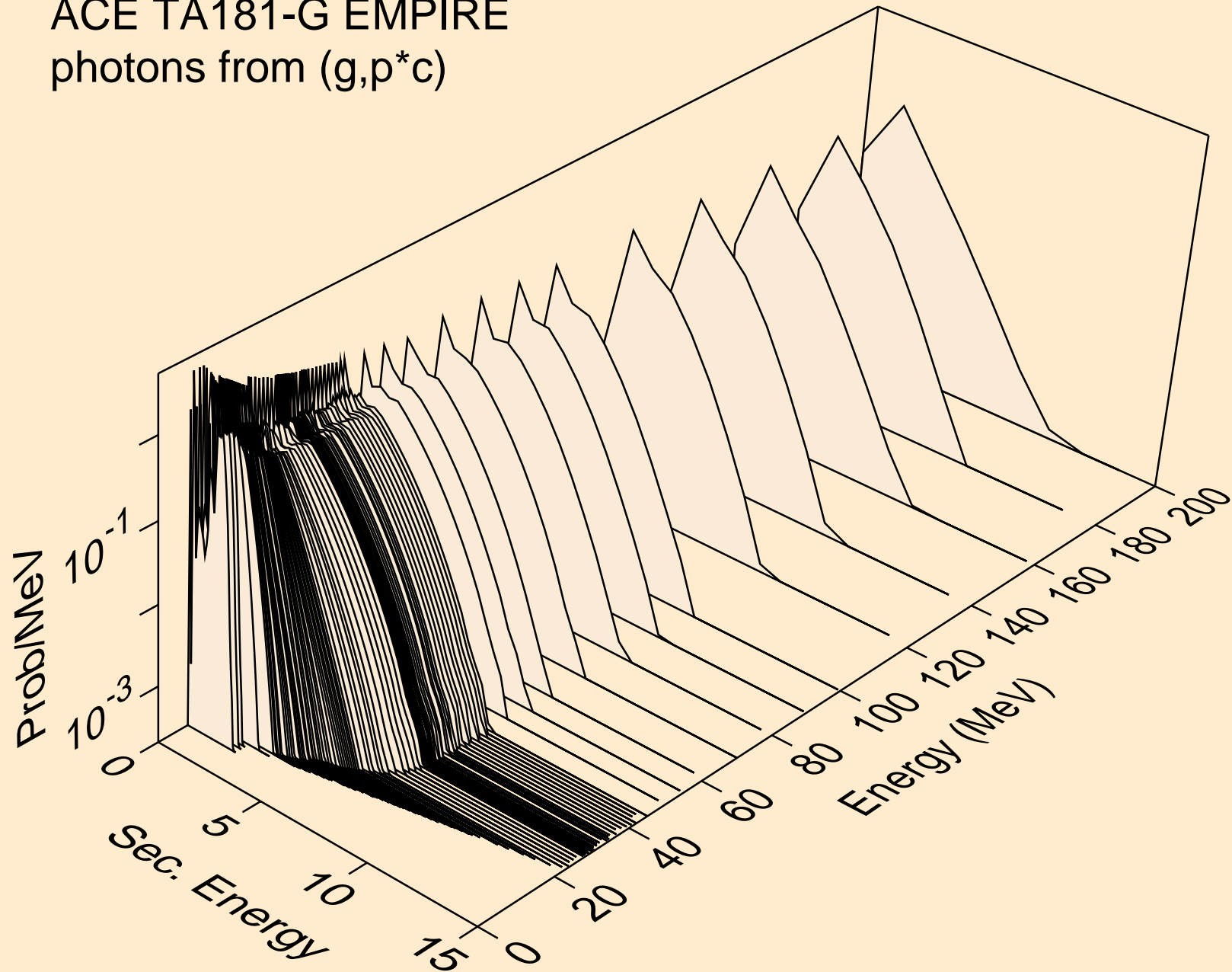
ACE TA181-G EMPIRE photons from (g,pd)



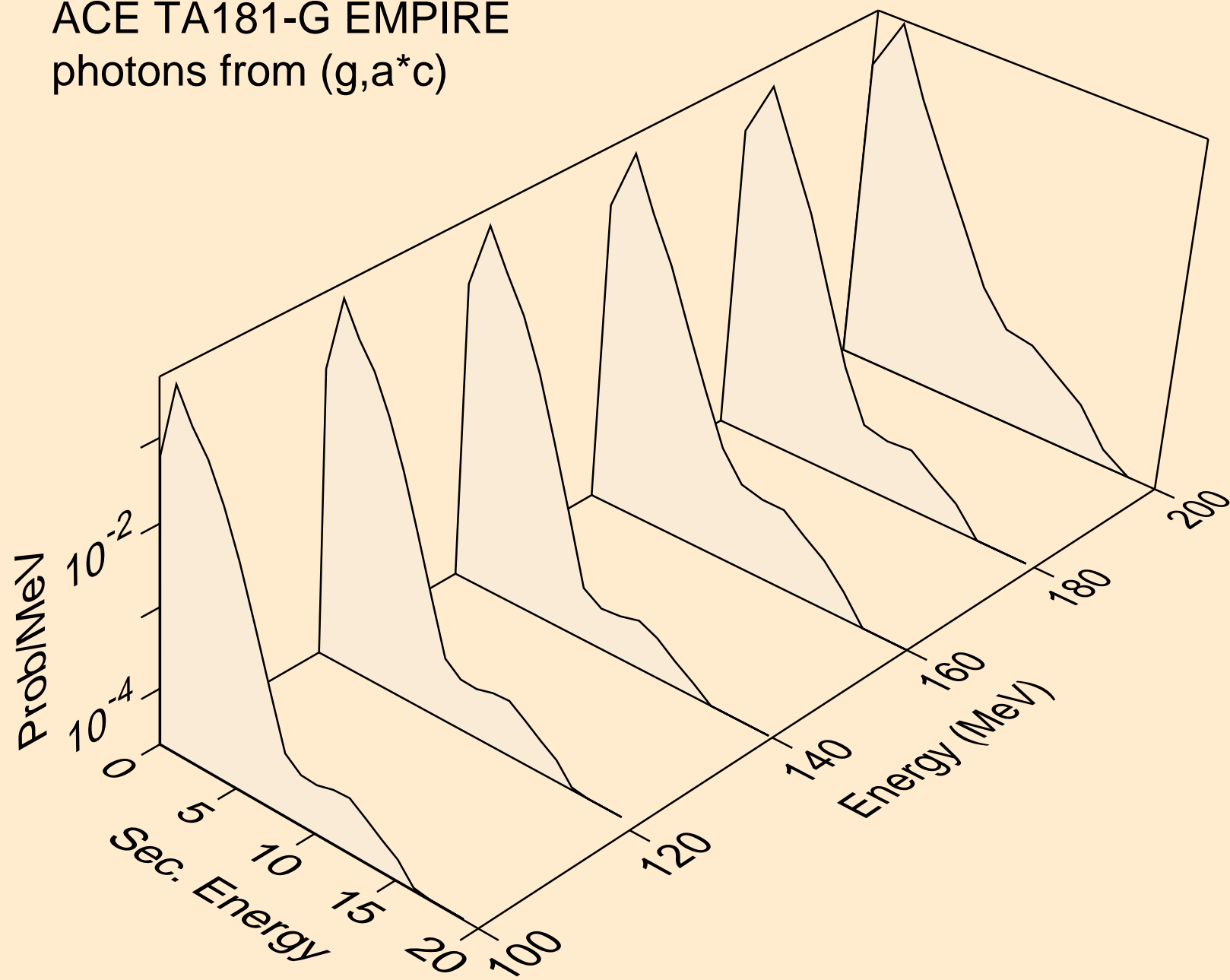
ACE TA181-G EMPIRE photons from (g,pt)



ACE TA181-G EMPIRE
photons from (g,p^*c)

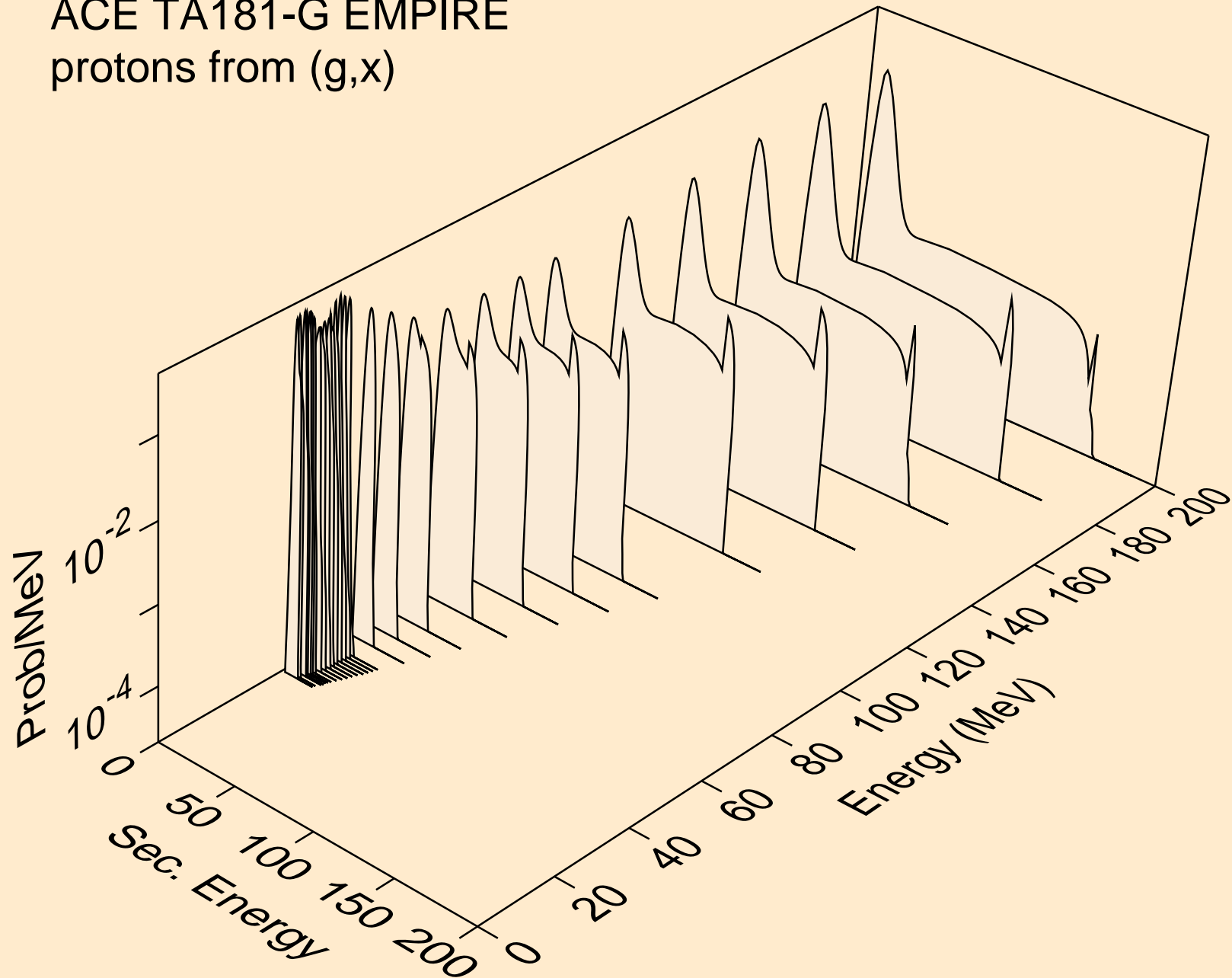


ACE TA181-G EMPIRE
photons from (g,a*c)

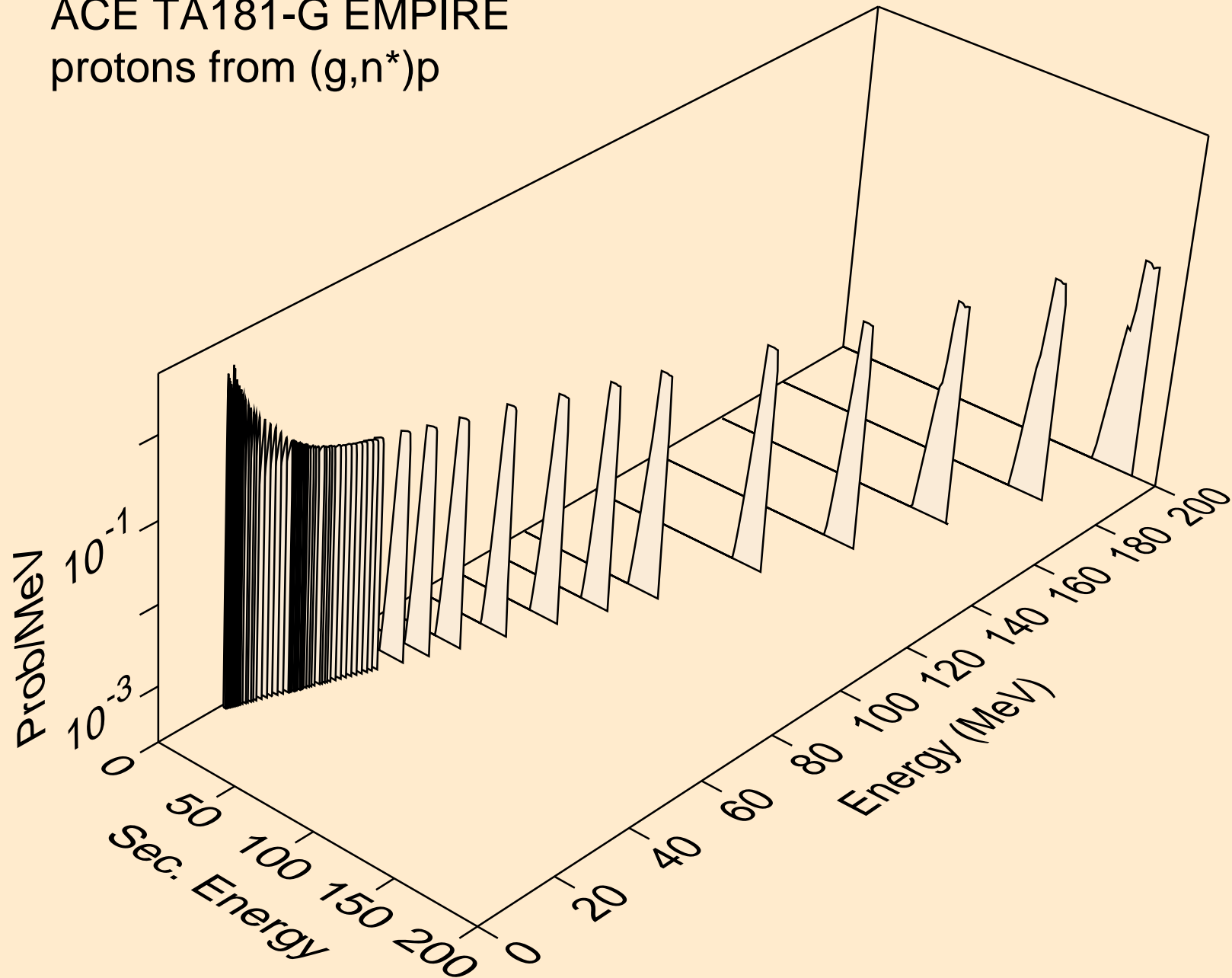


ACE TA181-G EMPIRE

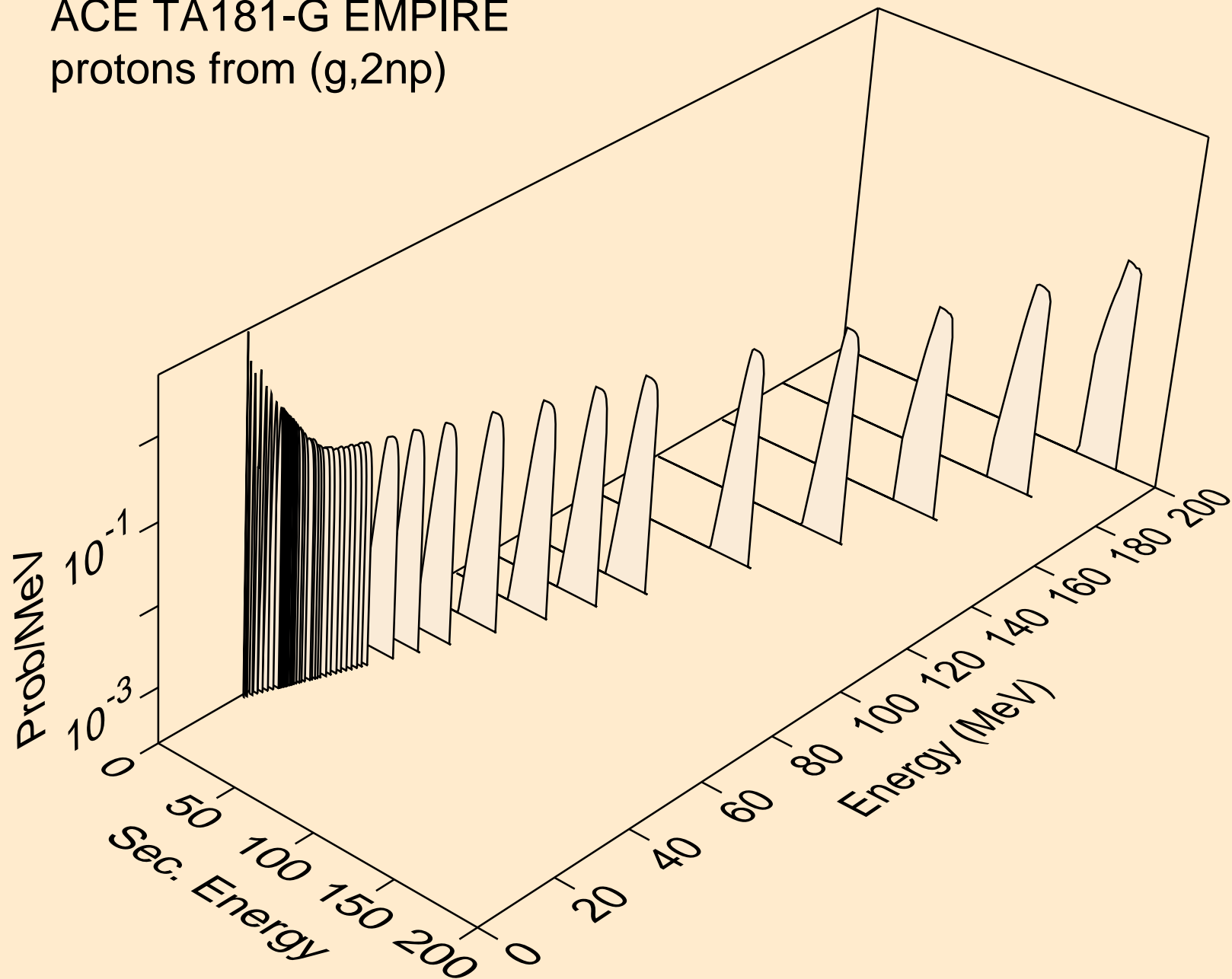
protons from (g,x)



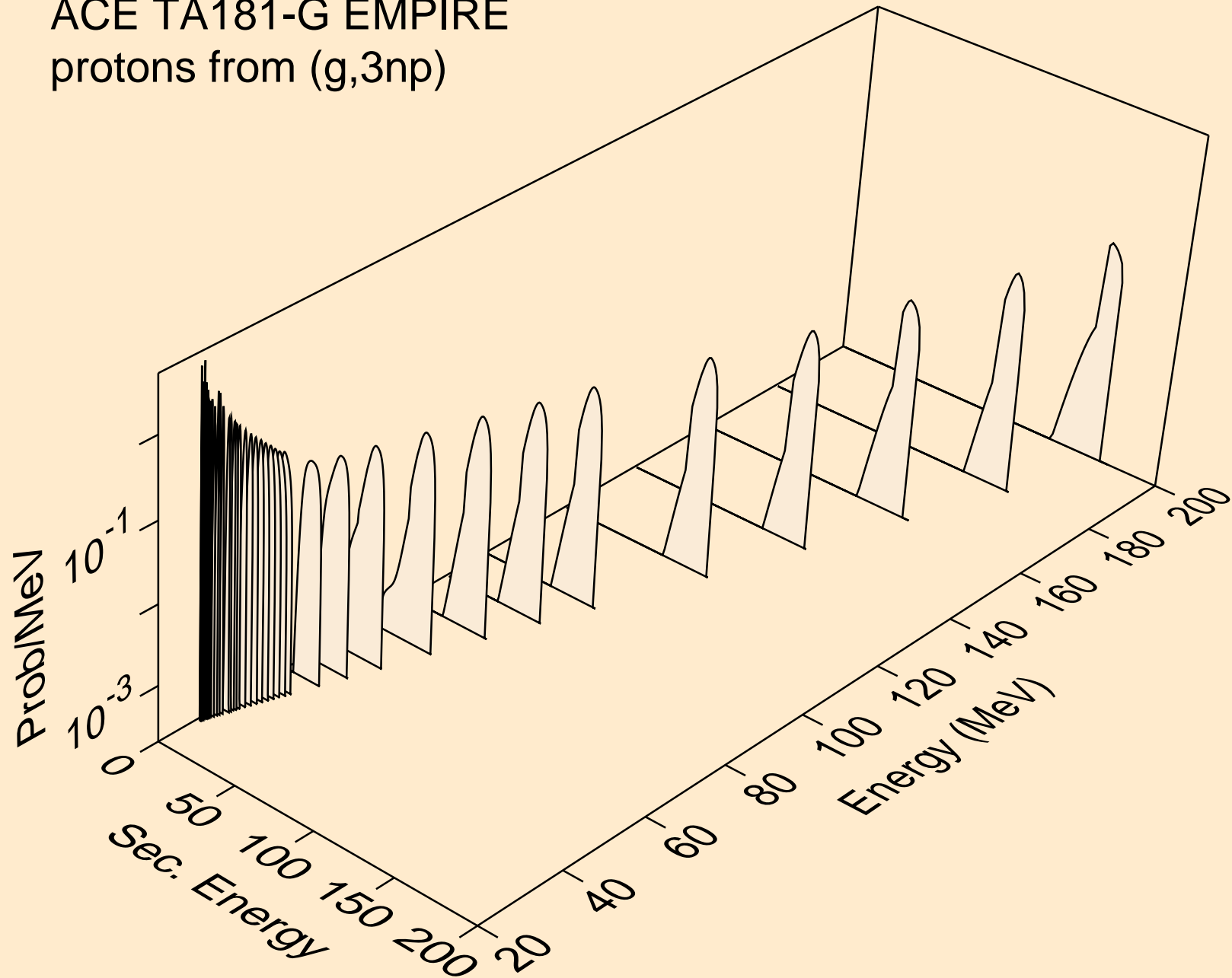
ACE TA181-G EMPIRE
protons from $(g,n^*)p$



ACE TA181-G EMPIRE
protons from (g,2np)

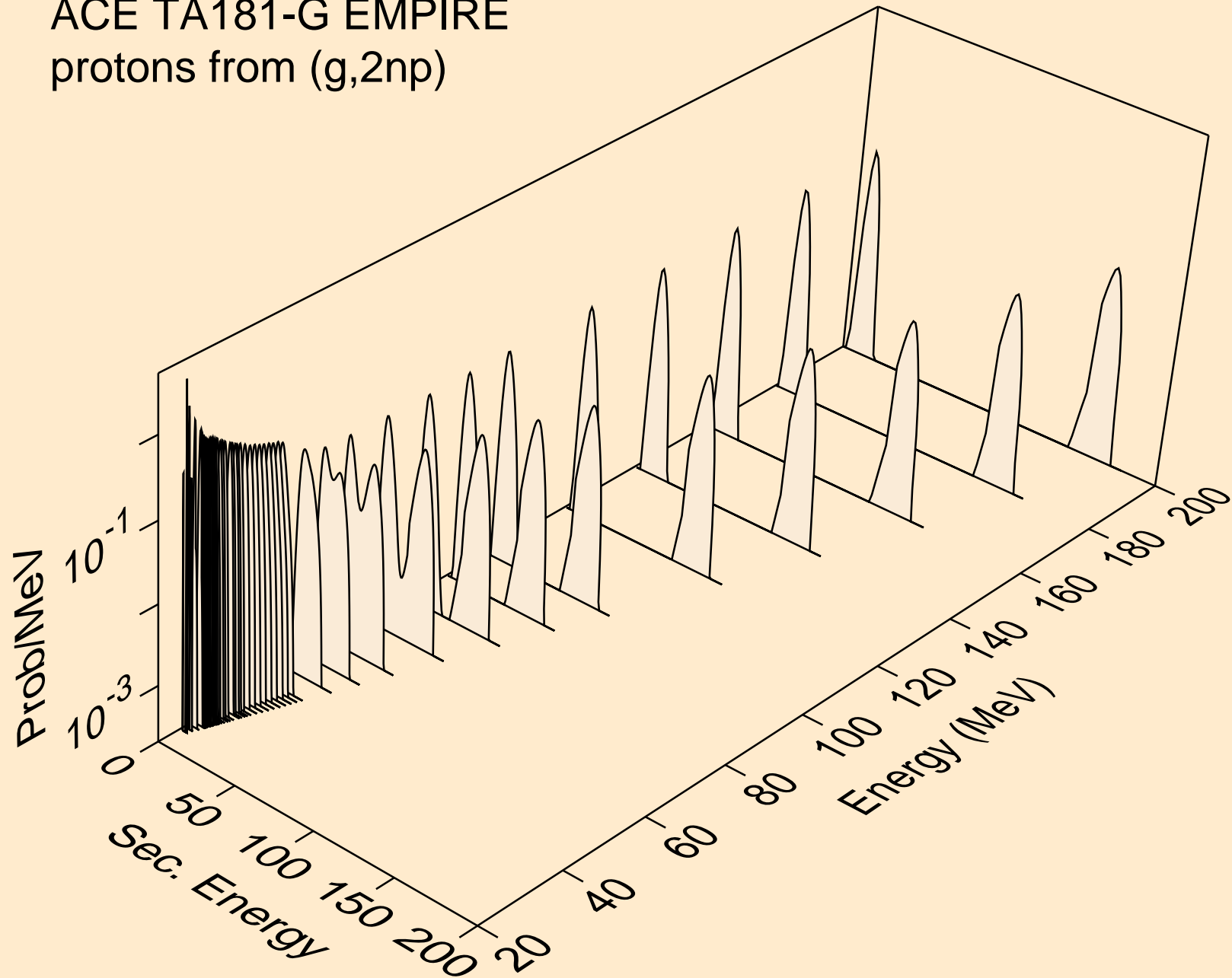


ACE TA181-G EMPIRE
protons from (g,3np)



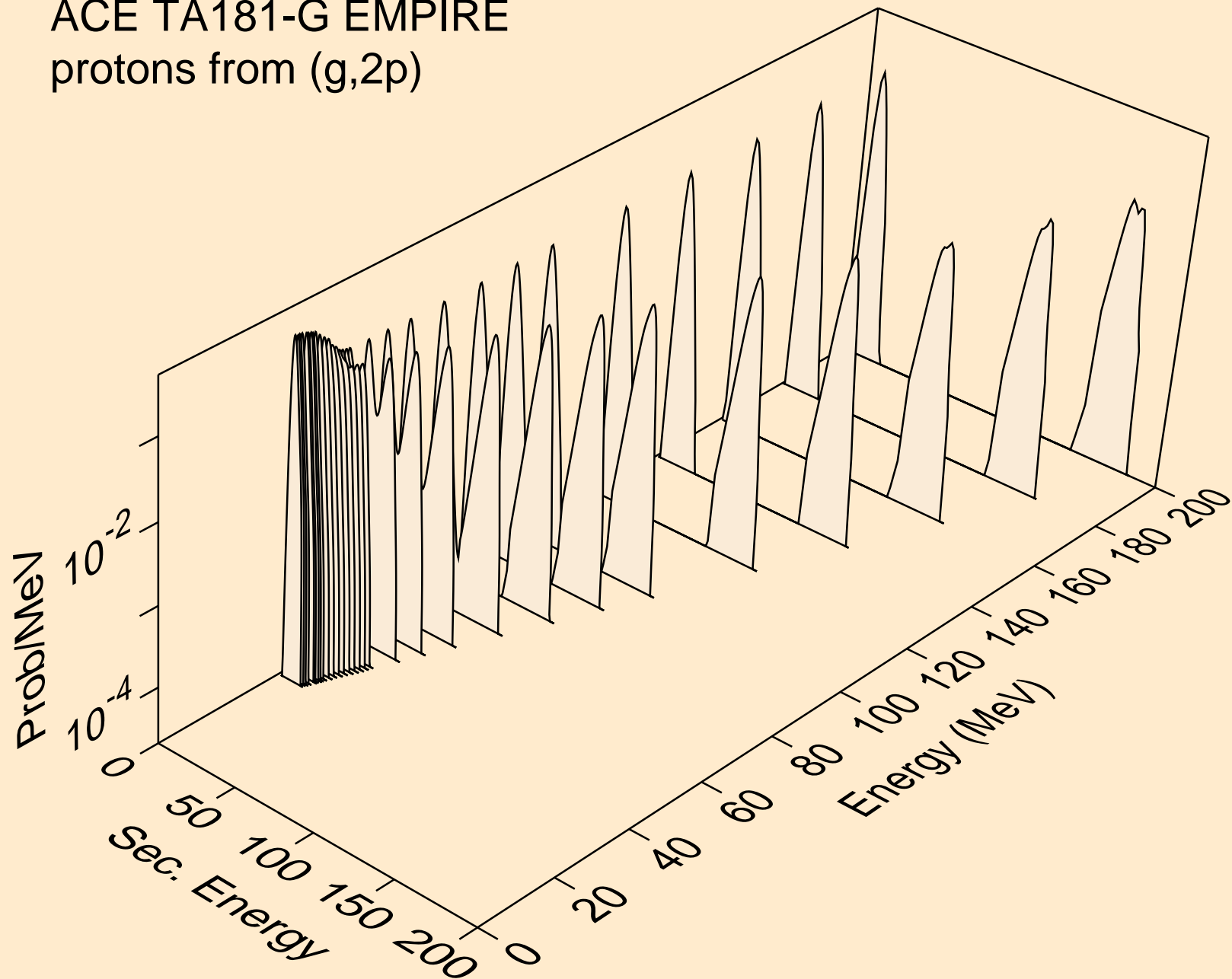
ACE TA181-G EMPIRE

protons from (g,2np)

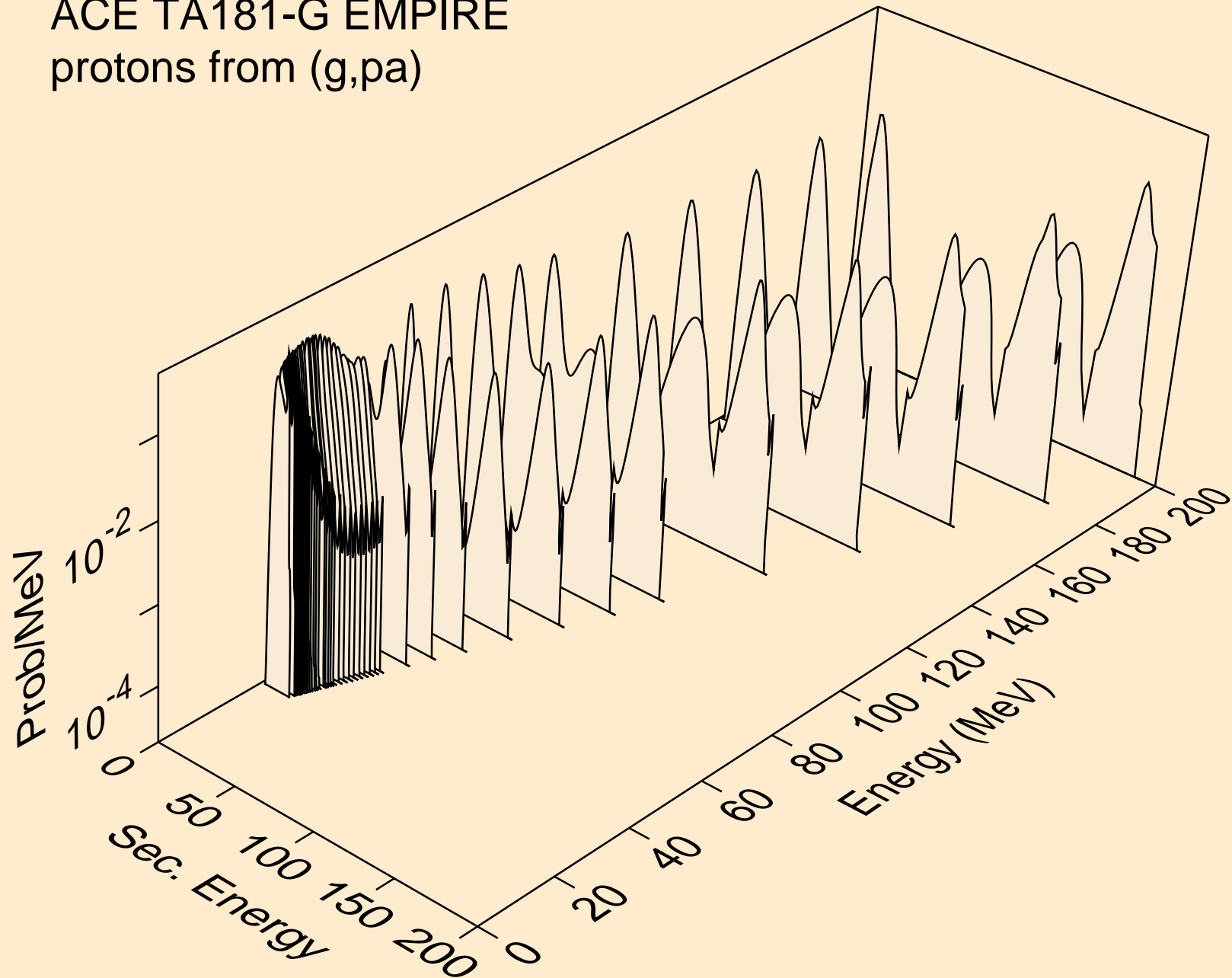


ACE TA181-G EMPIRE

protons from (g,2p)

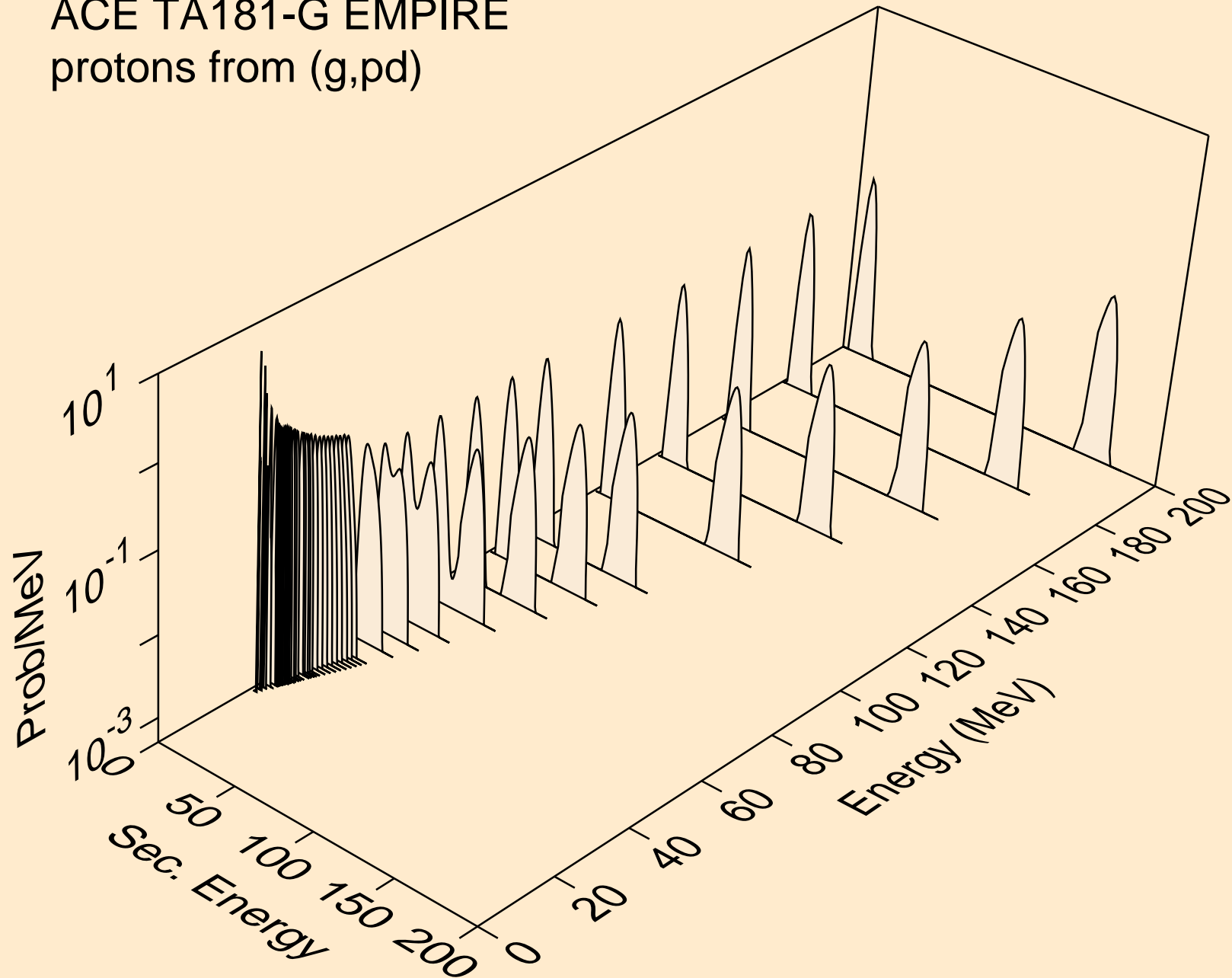


ACE TA181-G EMPIRE
protons from (g,pa)



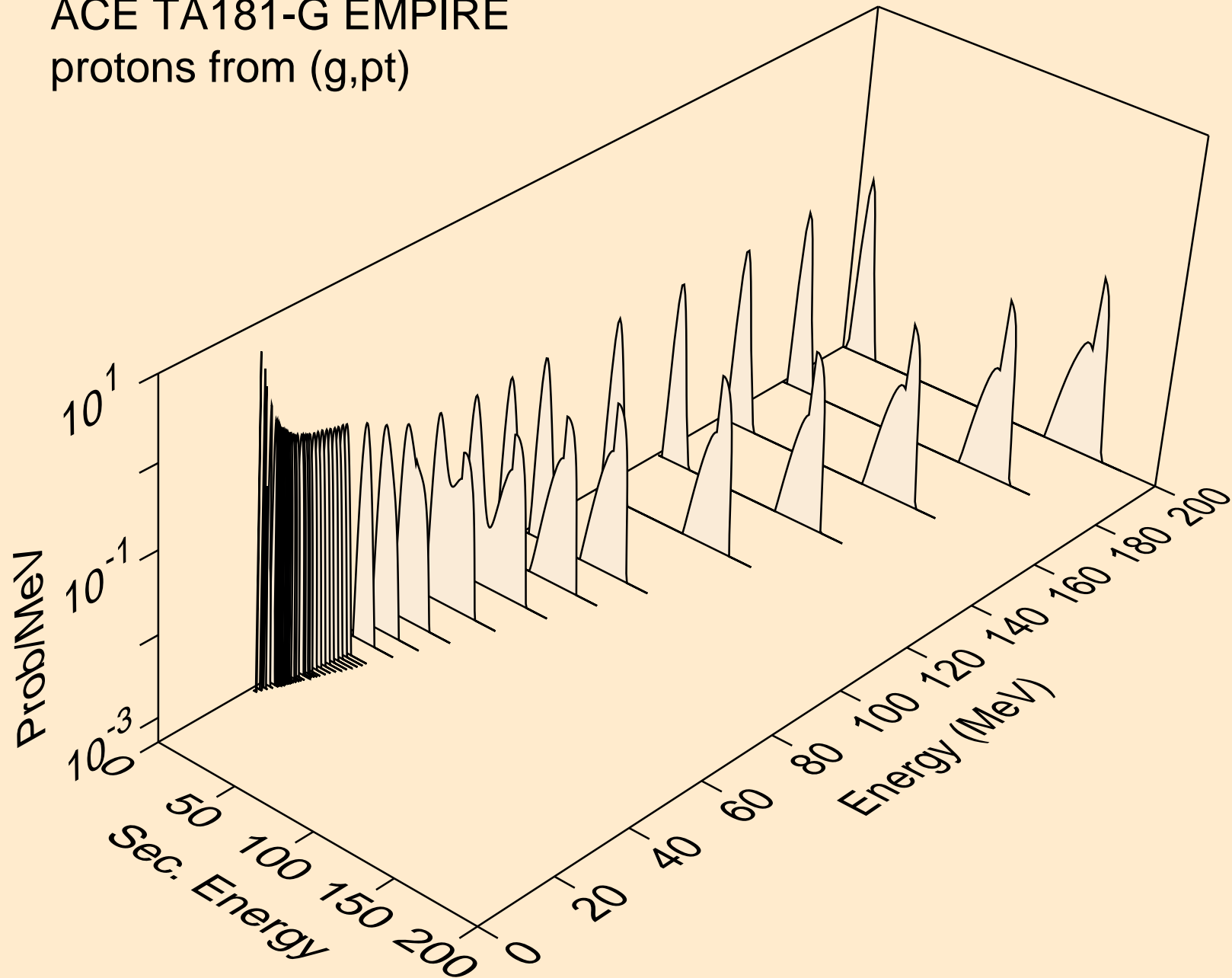
ACE TA181-G EMPIRE

protons from (g,pd)

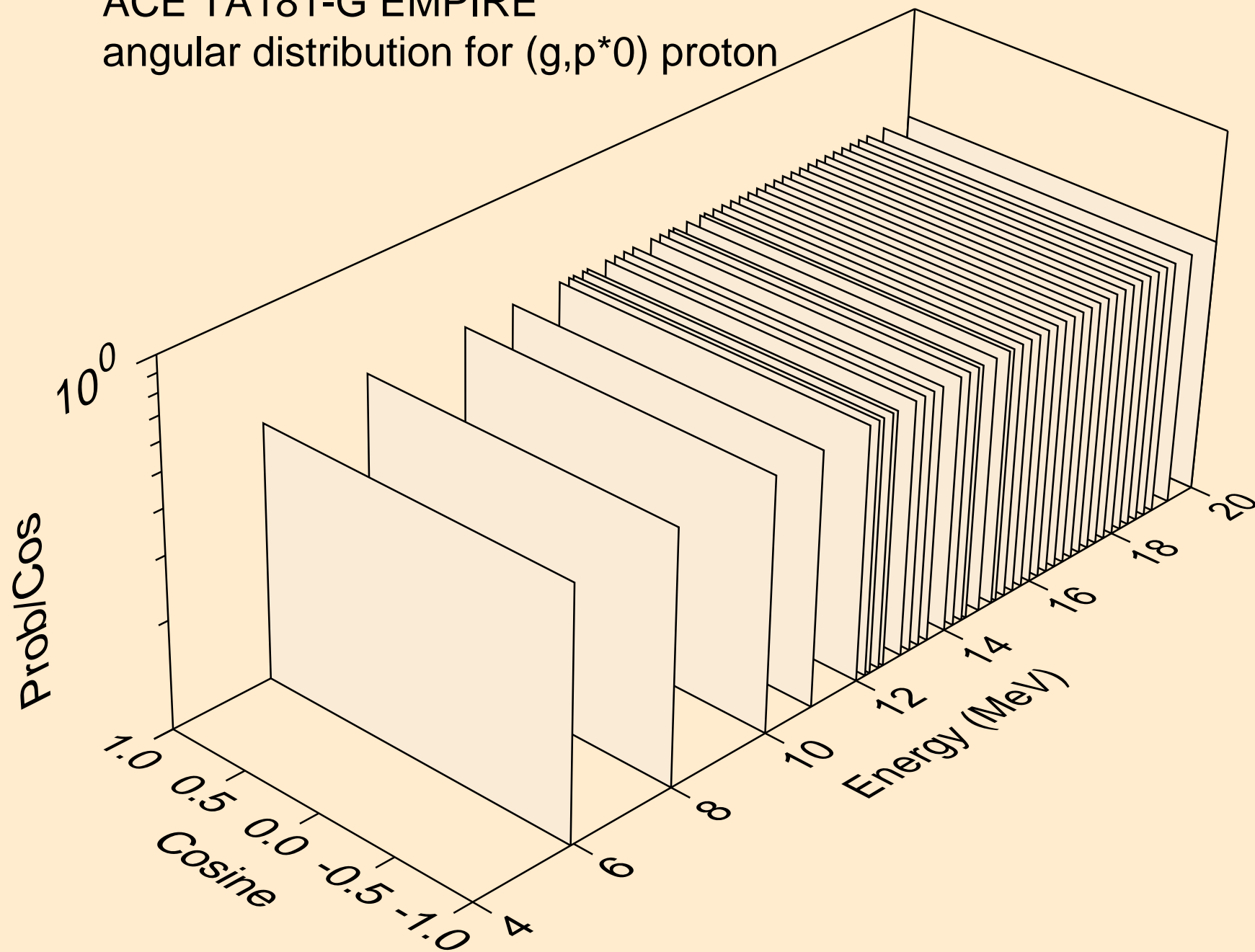


ACE TA181-G EMPIRE

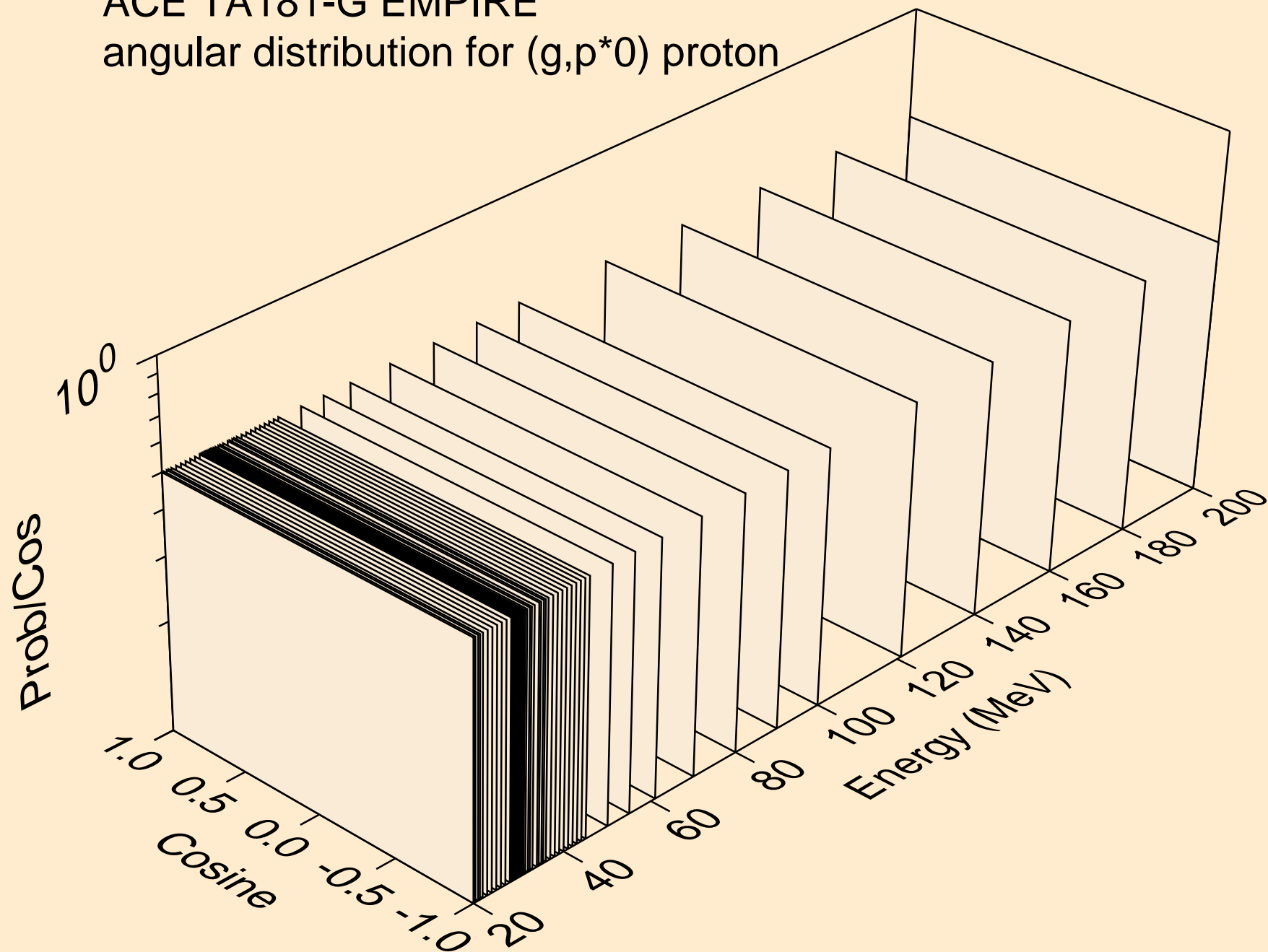
protons from (g,pt)



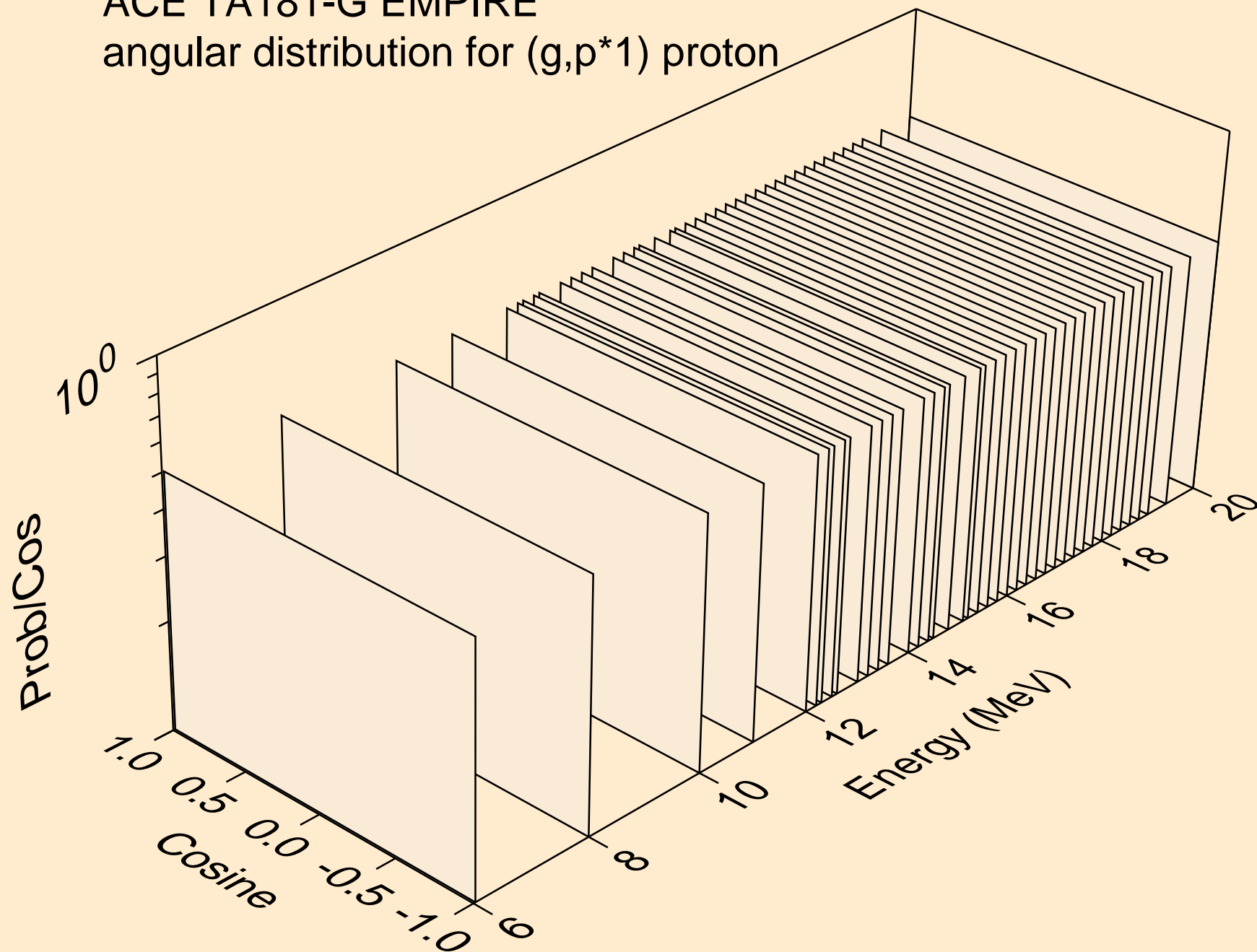
ACE TA181-G EMPIRE
angular distribution for (g,p*0) proton



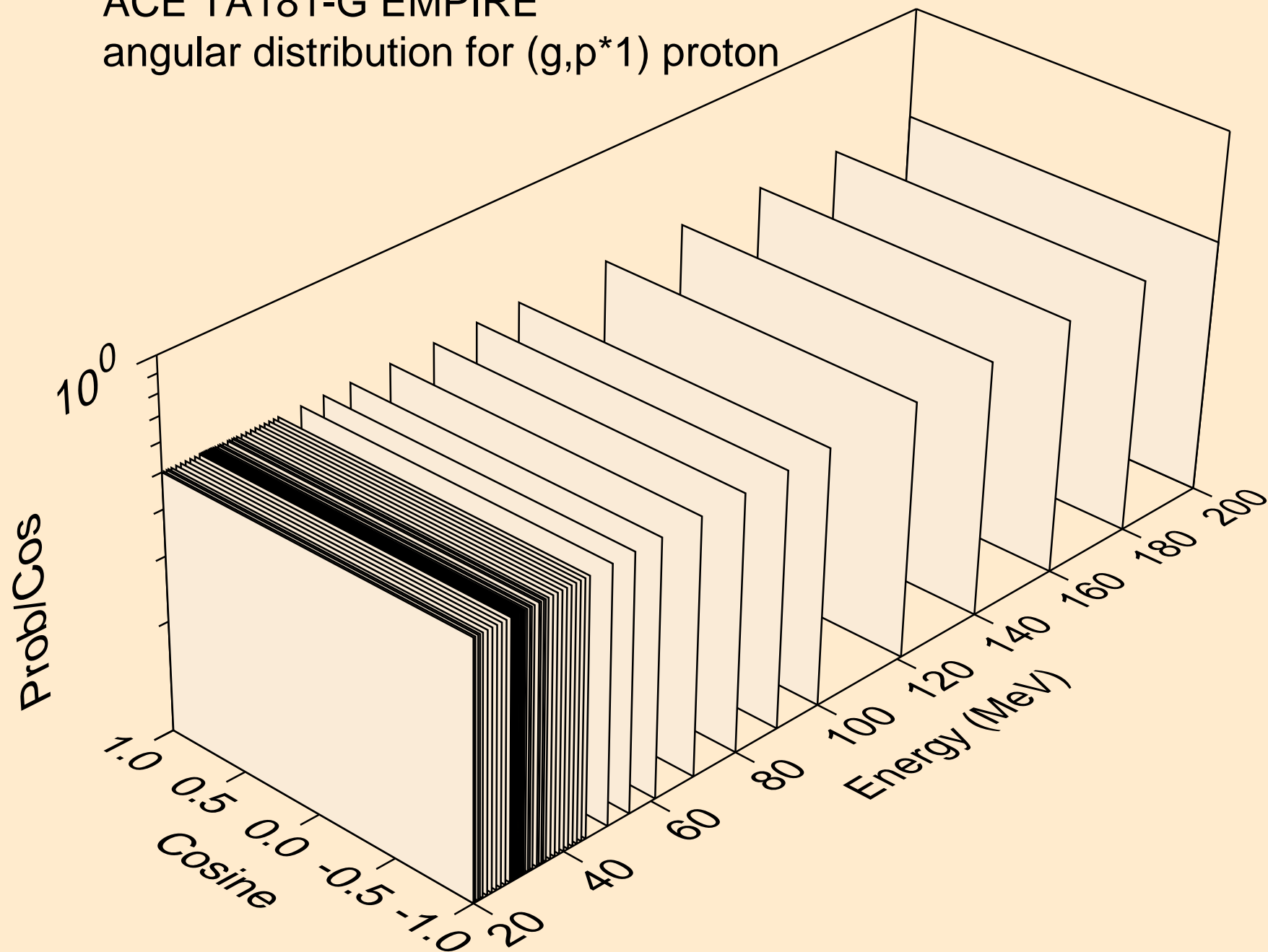
ACE TA181-G EMPIRE
angular distribution for (g,p*0) proton



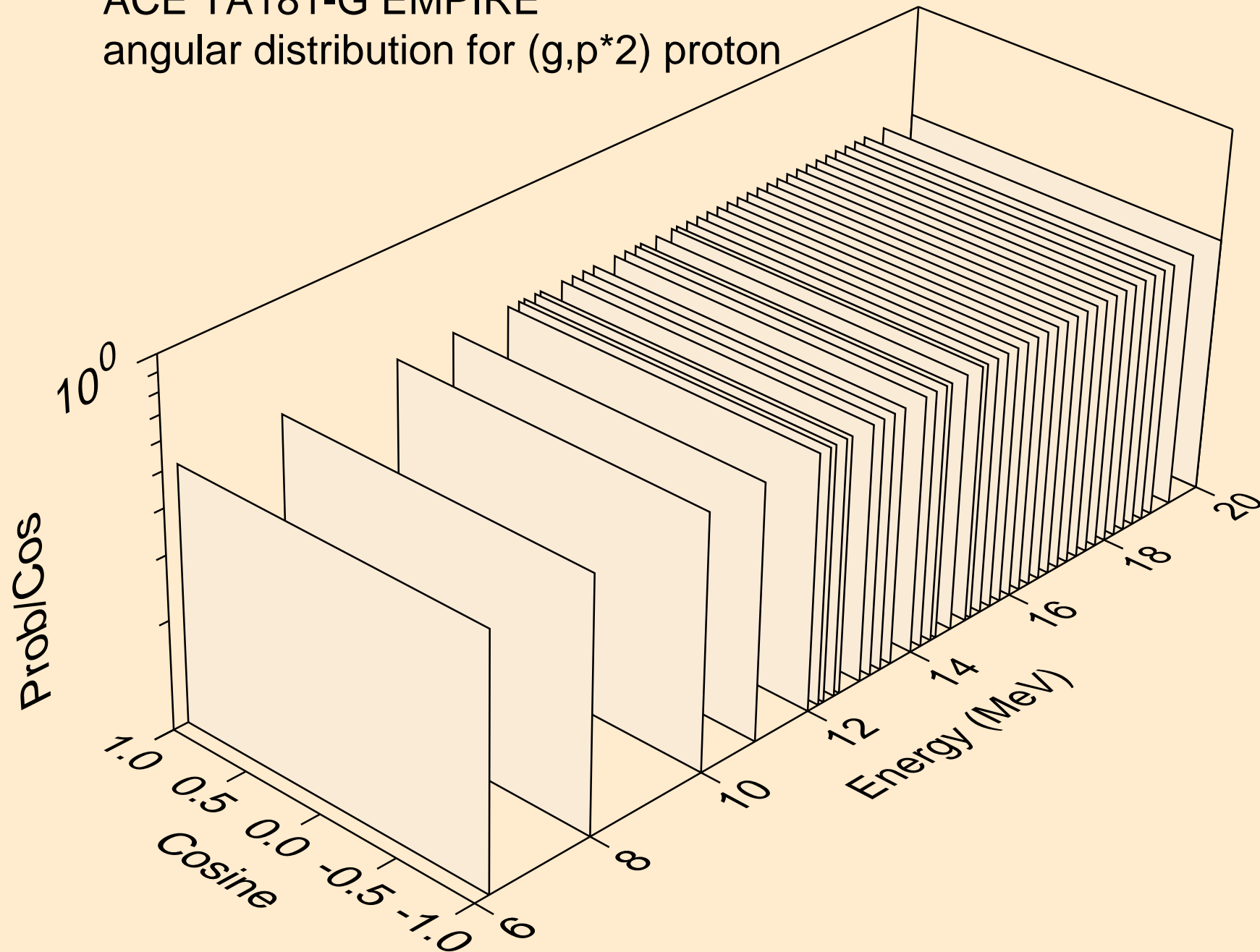
ACE TA181-G EMPIRE
angular distribution for (g,p*1) proton



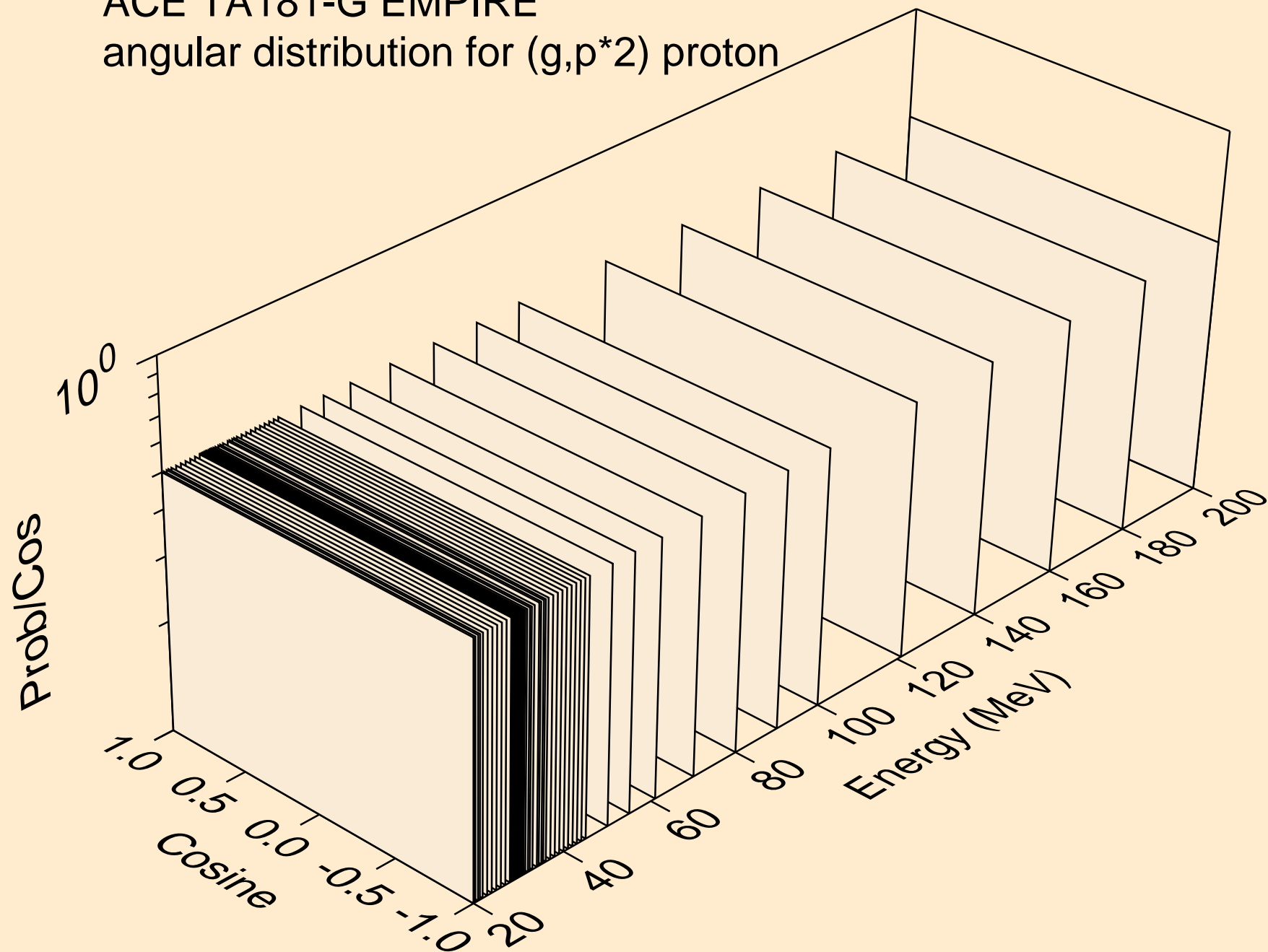
ACE TA181-G EMPIRE
angular distribution for (g,p*1) proton



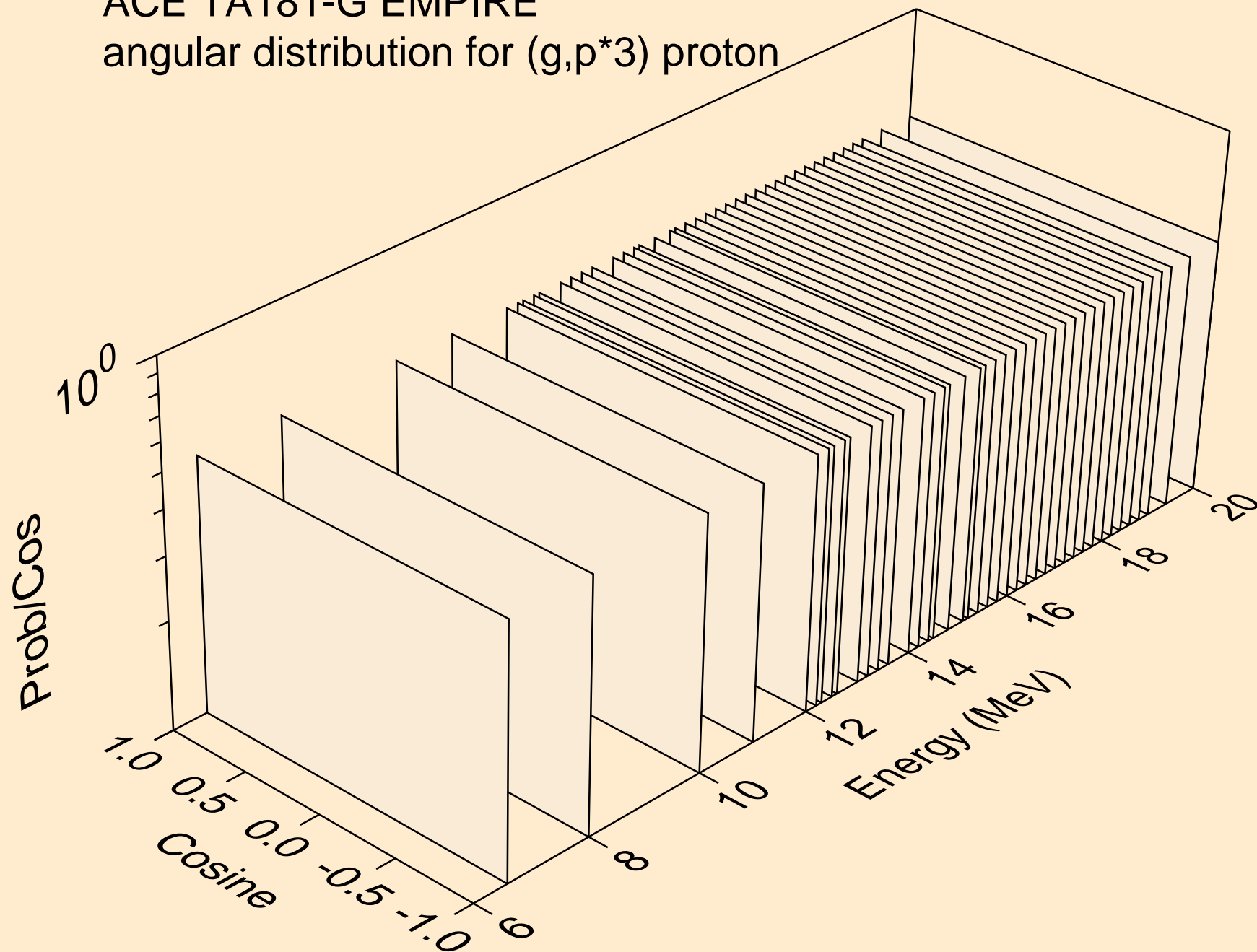
ACE TA181-G EMPIRE
angular distribution for (g,p*2) proton



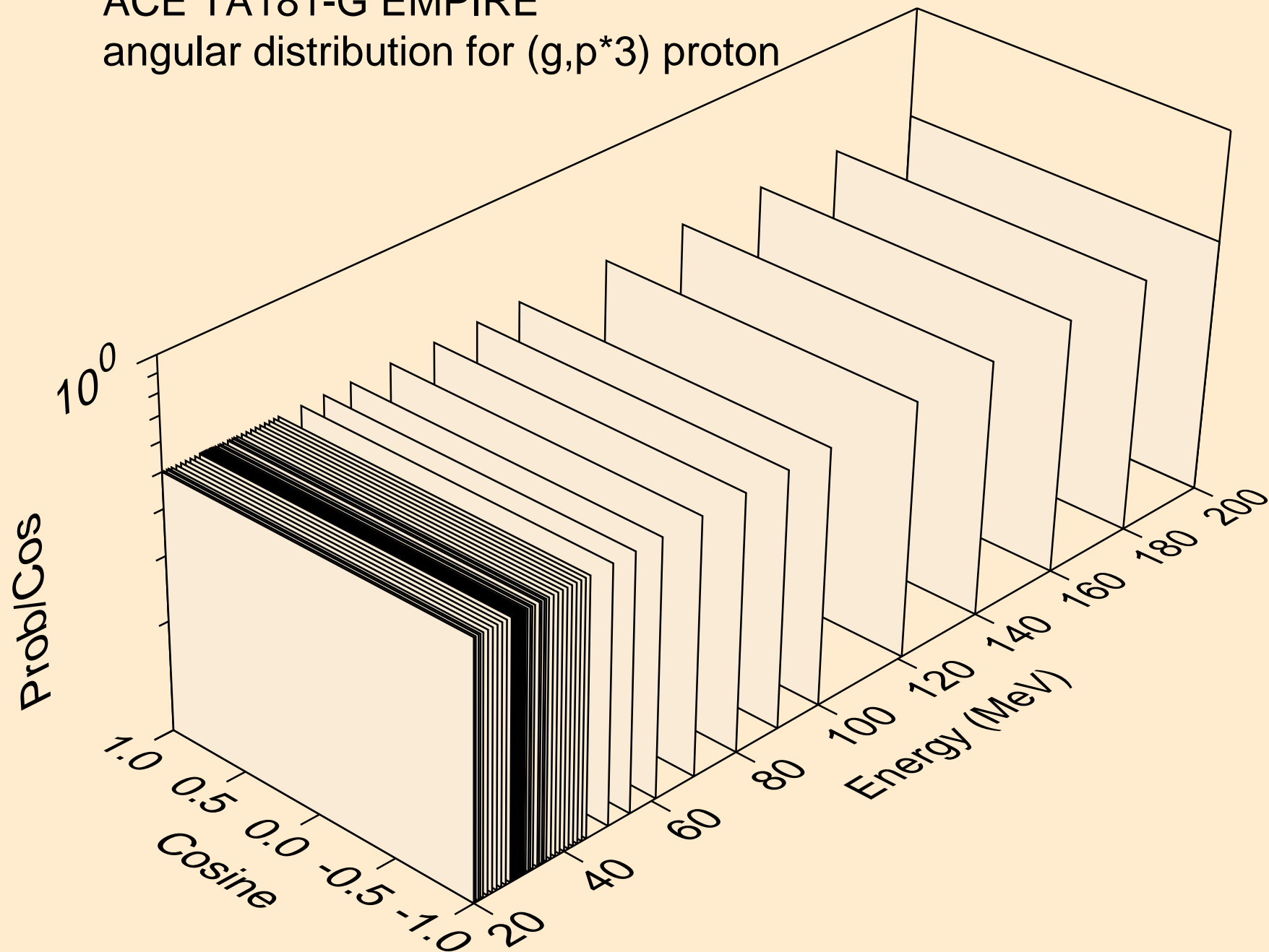
ACE TA181-G EMPIRE
angular distribution for (g,p*2) proton



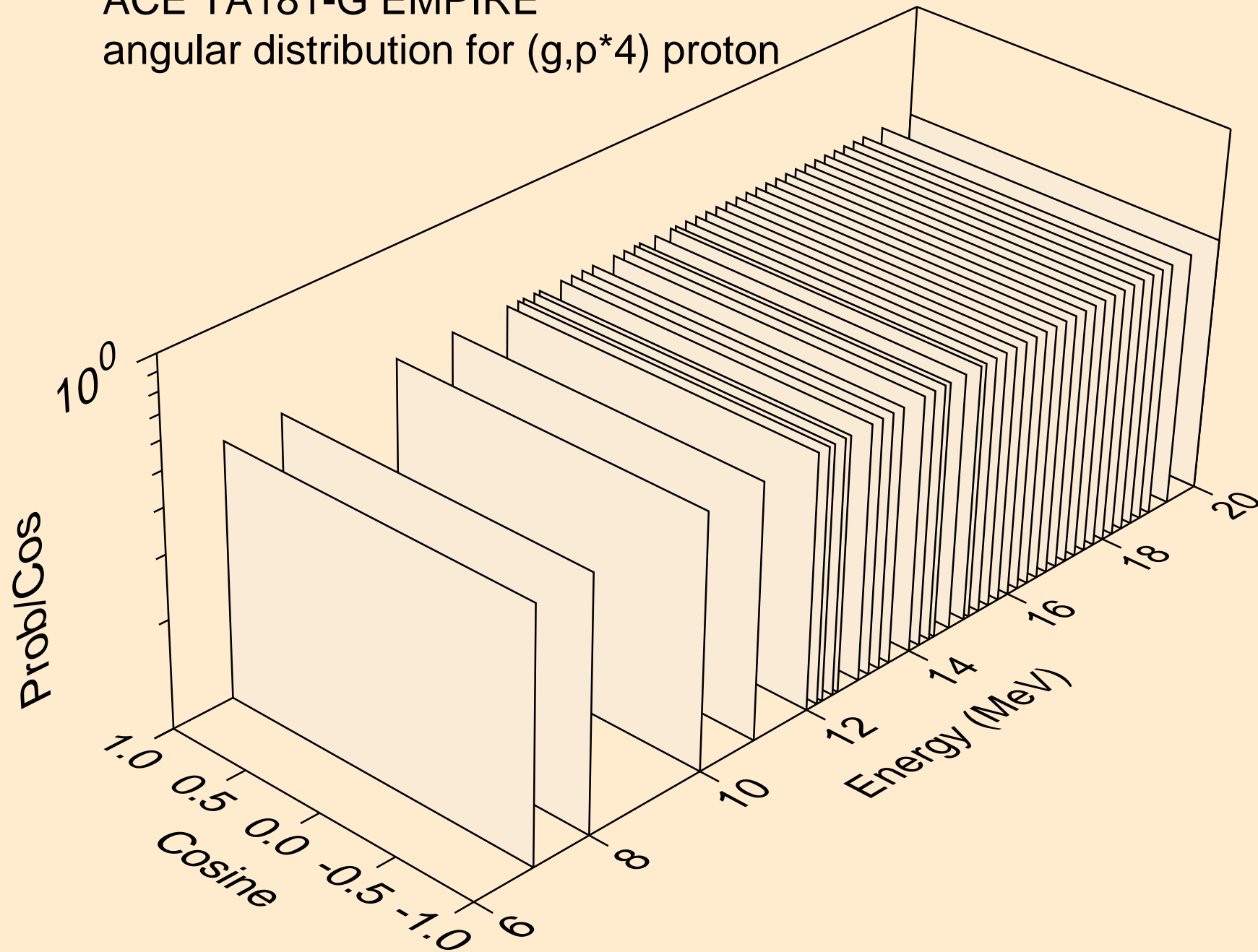
ACE TA181-G EMPIRE
angular distribution for (g,p*3) proton



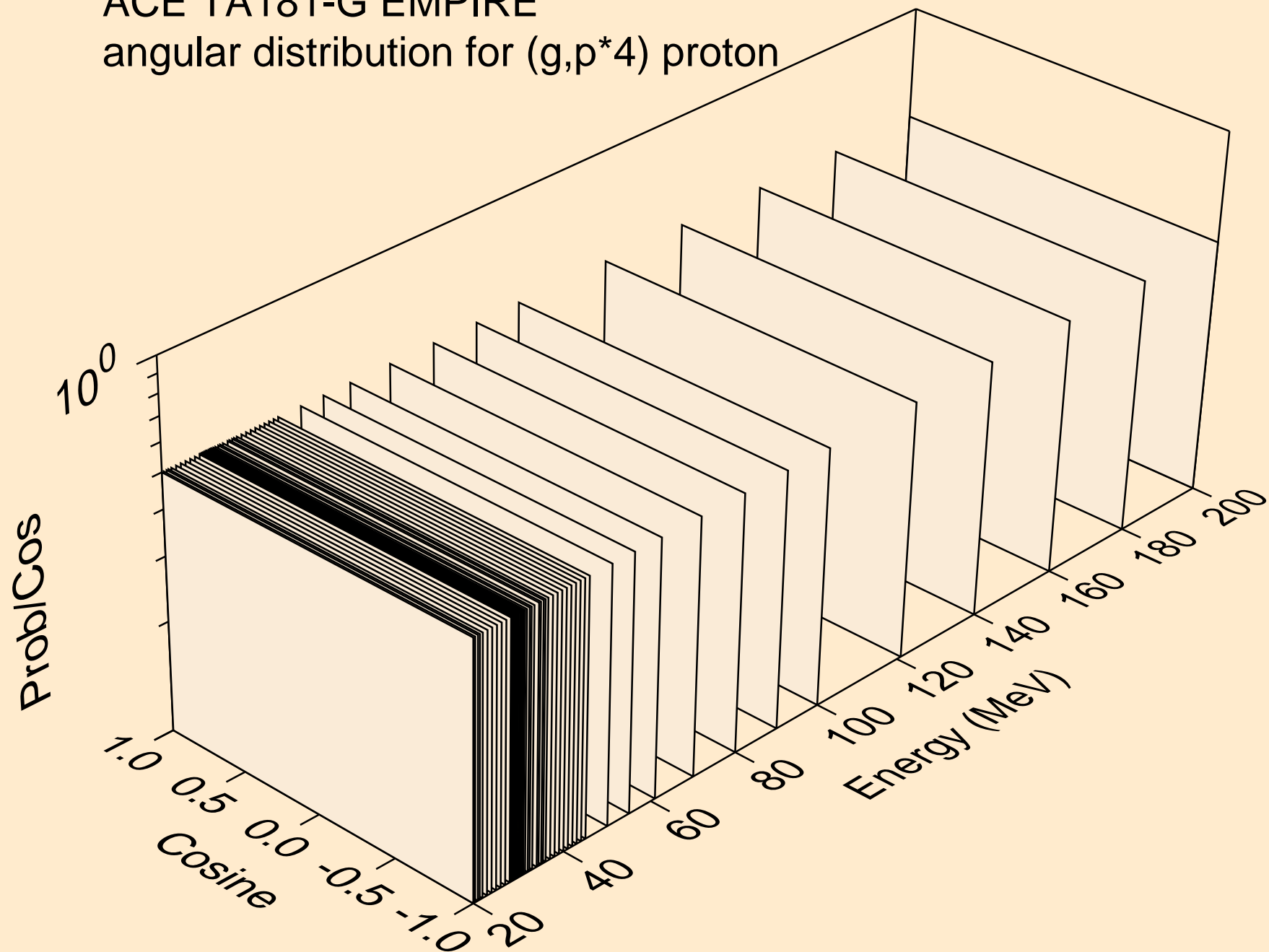
ACE TA181-G EMPIRE
angular distribution for (g,p*3) proton



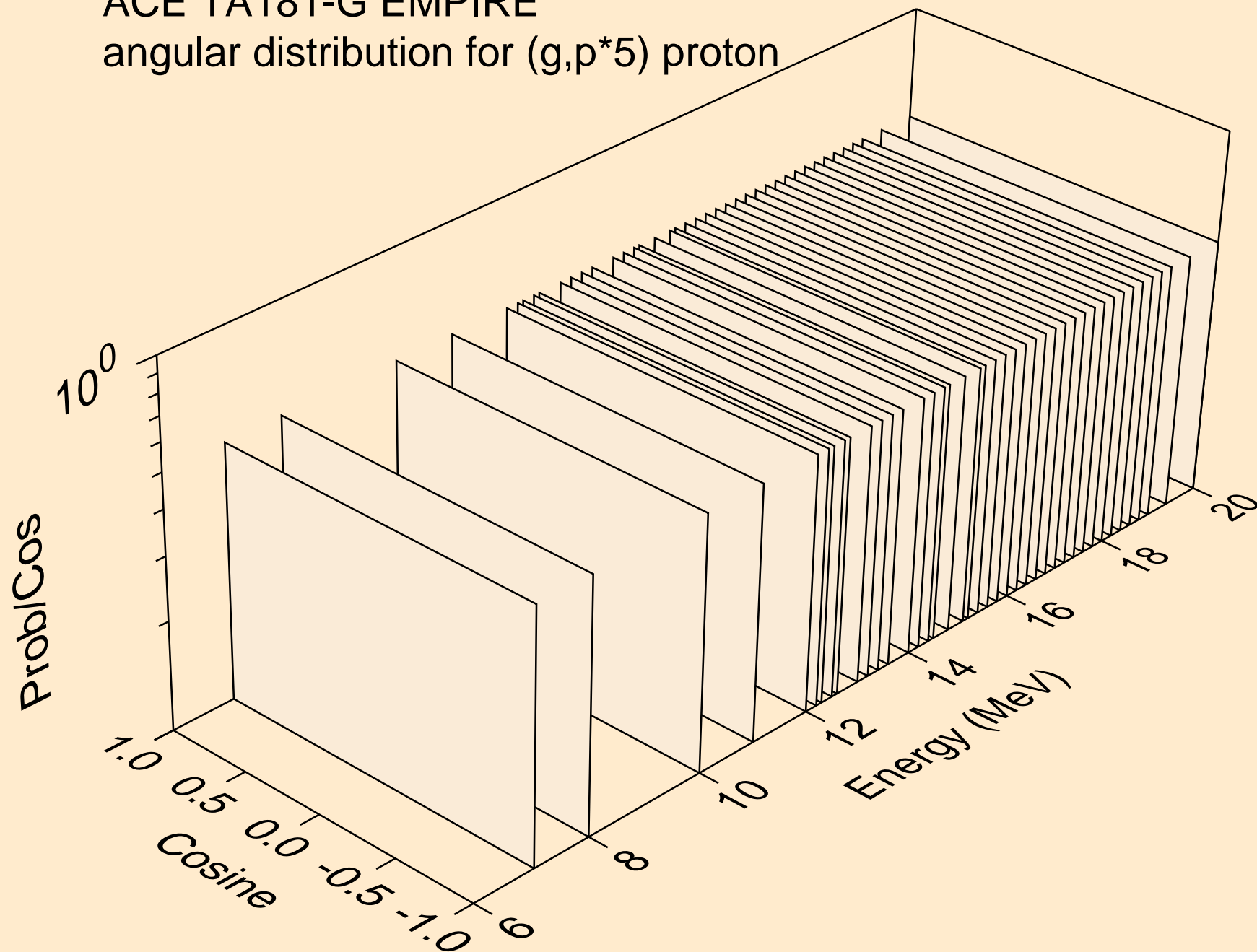
ACE TA181-G EMPIRE
angular distribution for (g,p*4) proton



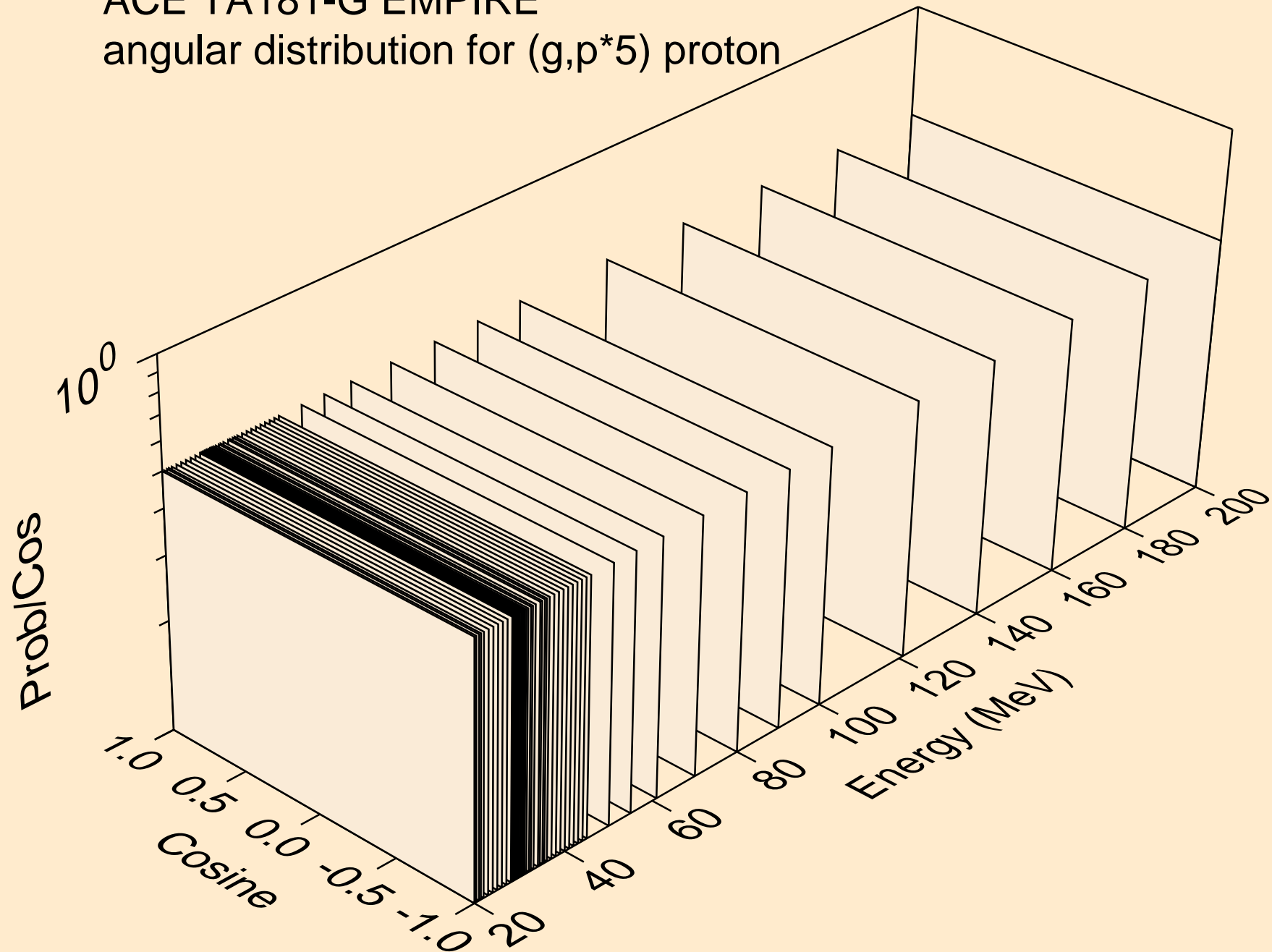
ACE TA181-G EMPIRE
angular distribution for (g,p*4) proton



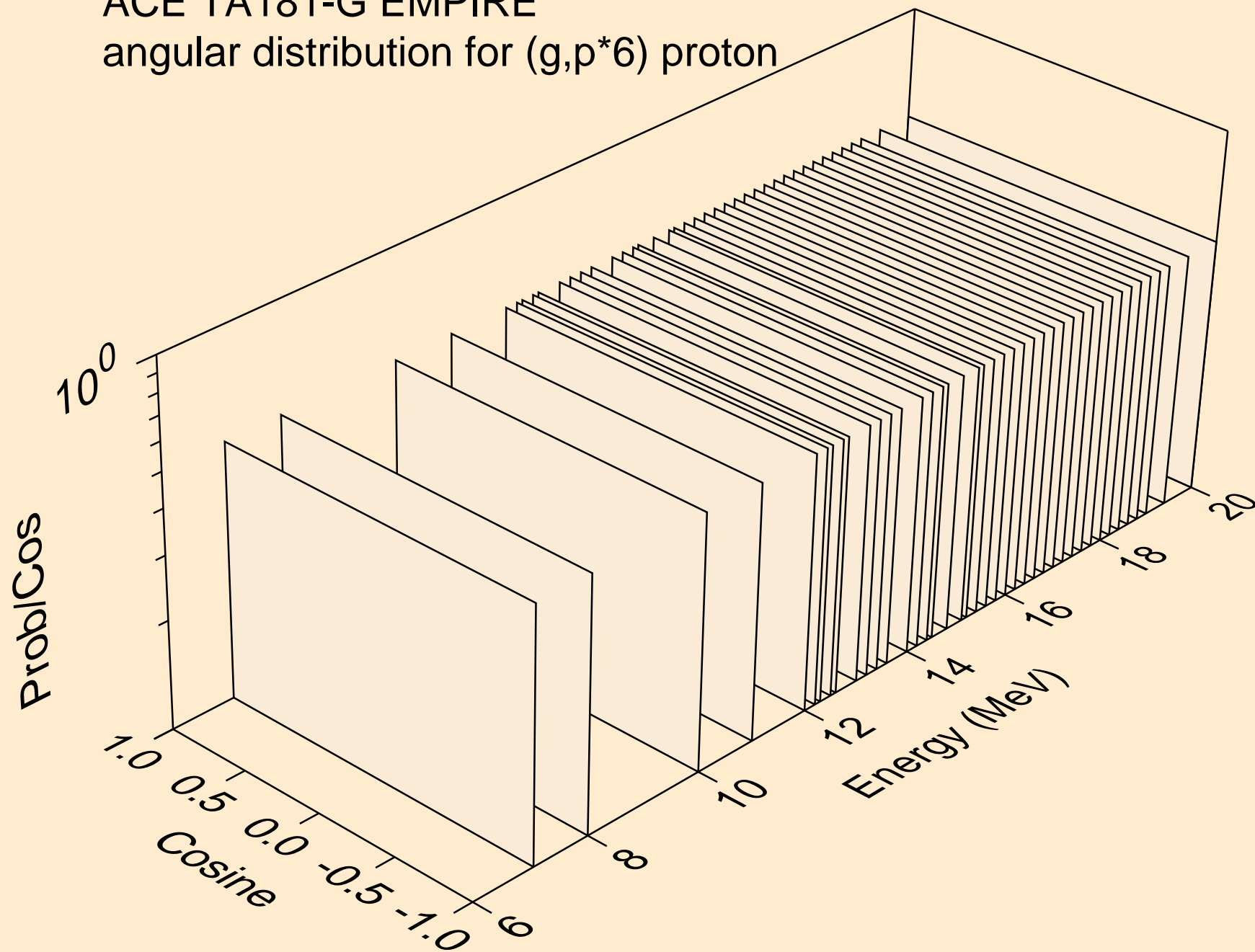
ACE TA181-G EMPIRE
angular distribution for (g,p*5) proton



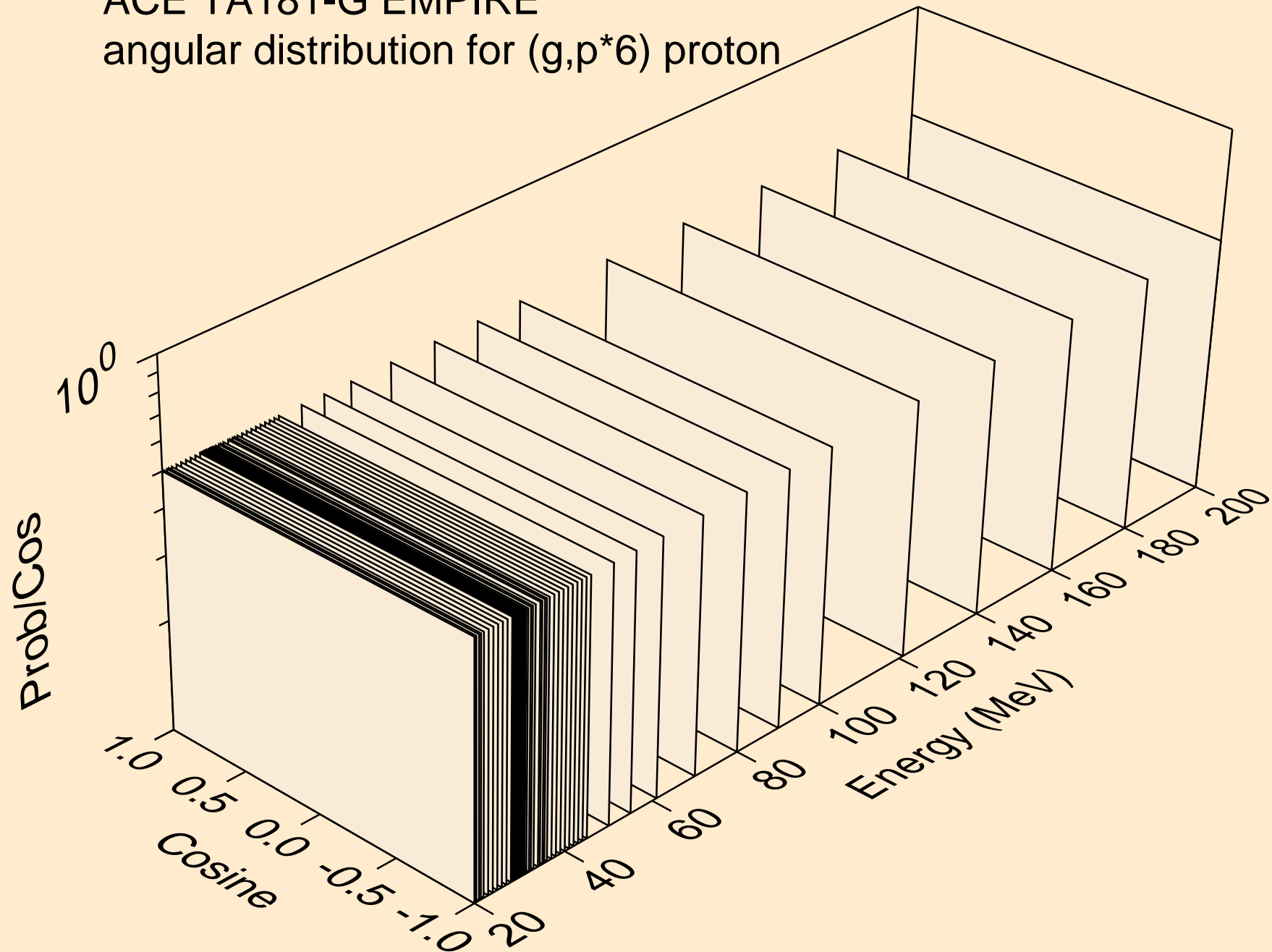
ACE TA181-G EMPIRE
angular distribution for (g,p*5) proton



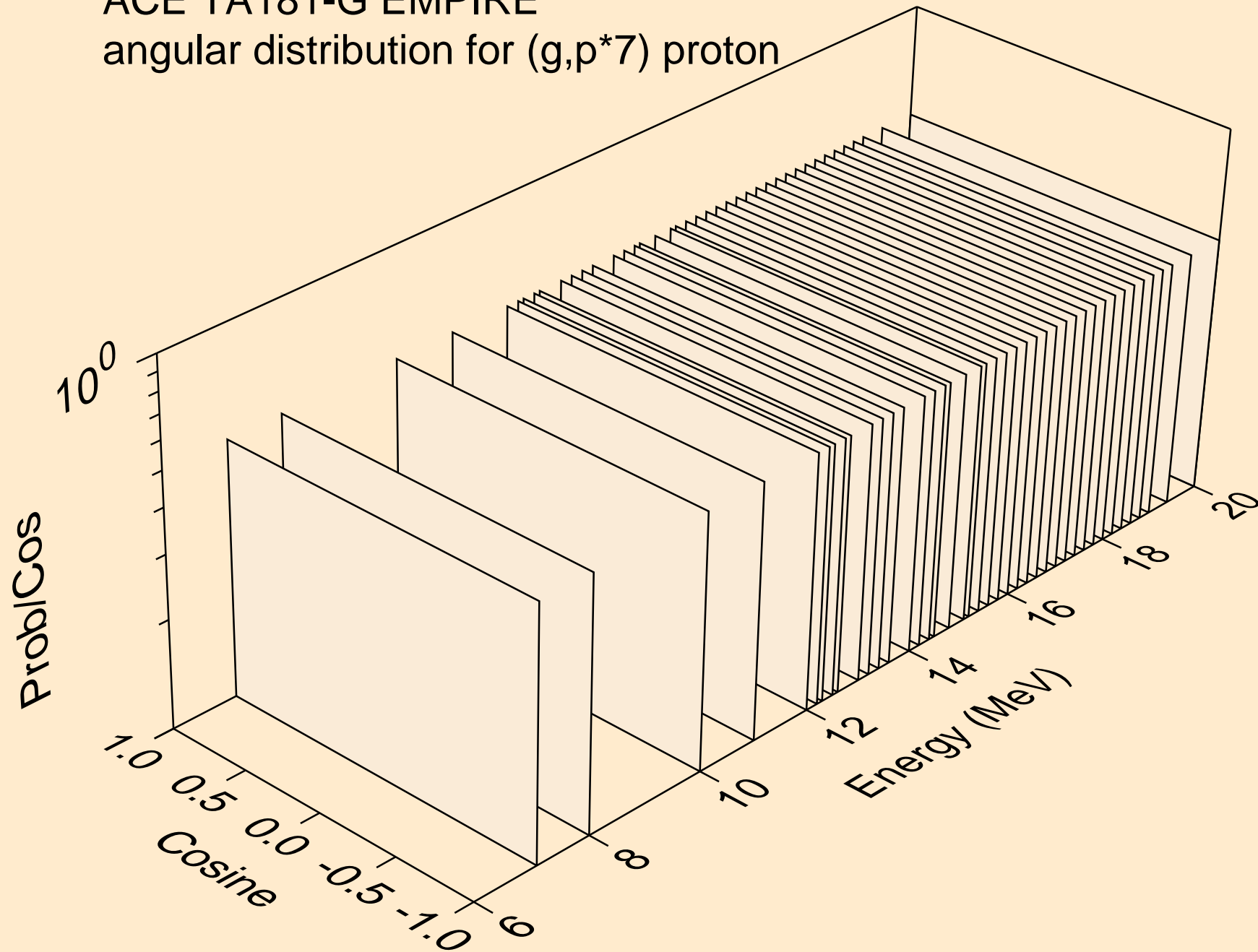
ACE TA181-G EMPIRE
angular distribution for (g,p*6) proton



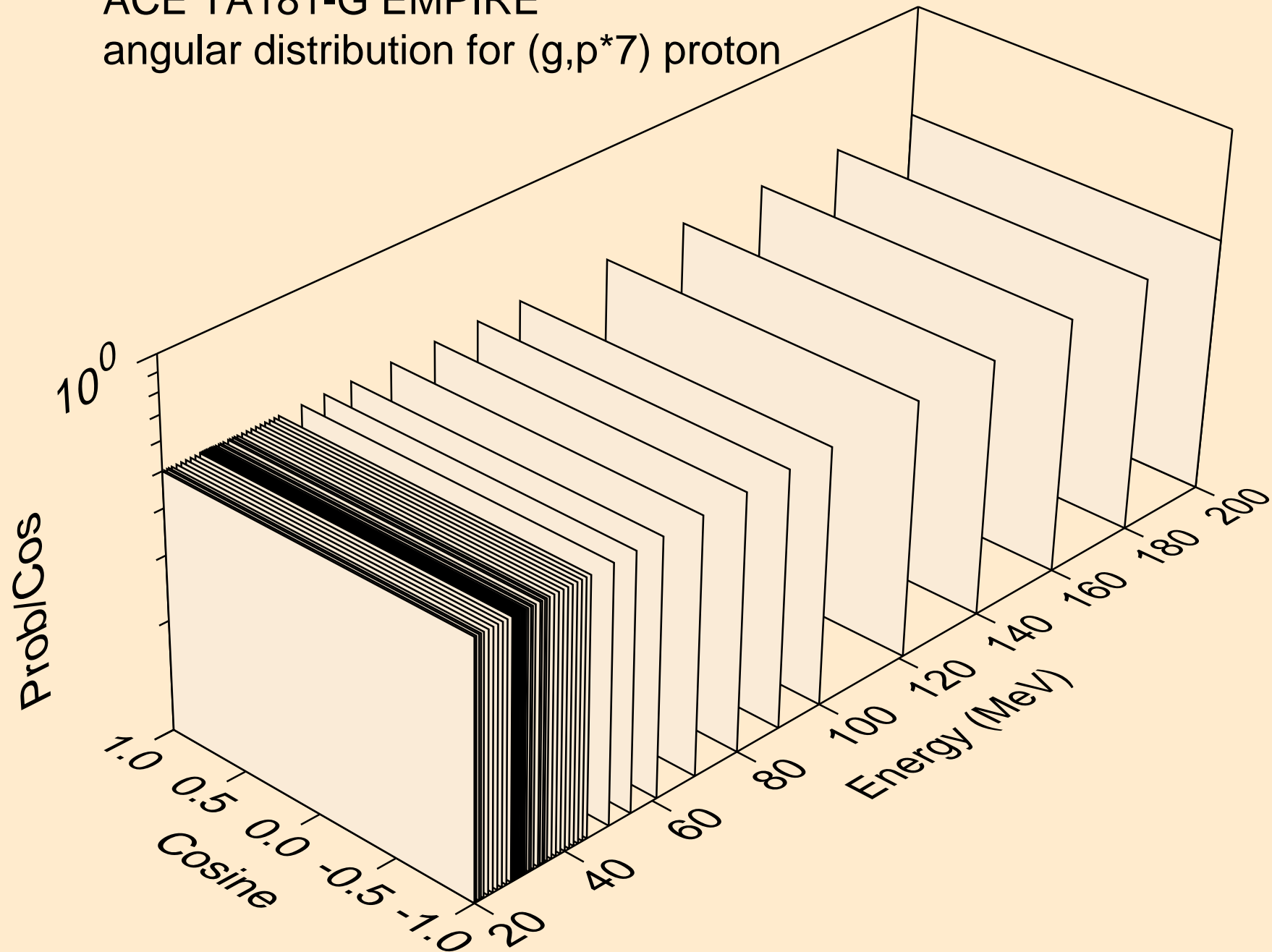
ACE TA181-G EMPIRE
angular distribution for (g,p*6) proton



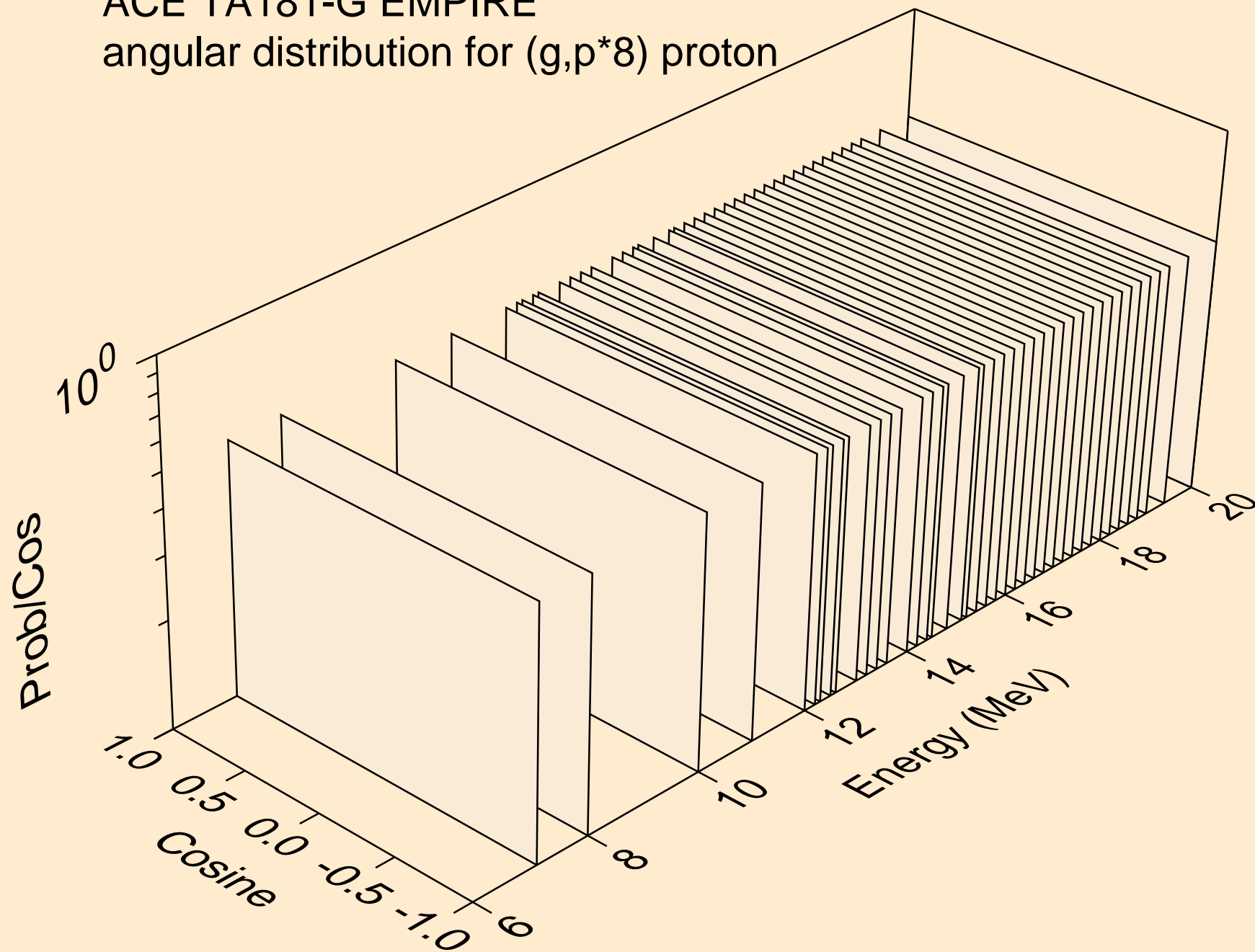
ACE TA181-G EMPIRE
angular distribution for (g,p*7) proton



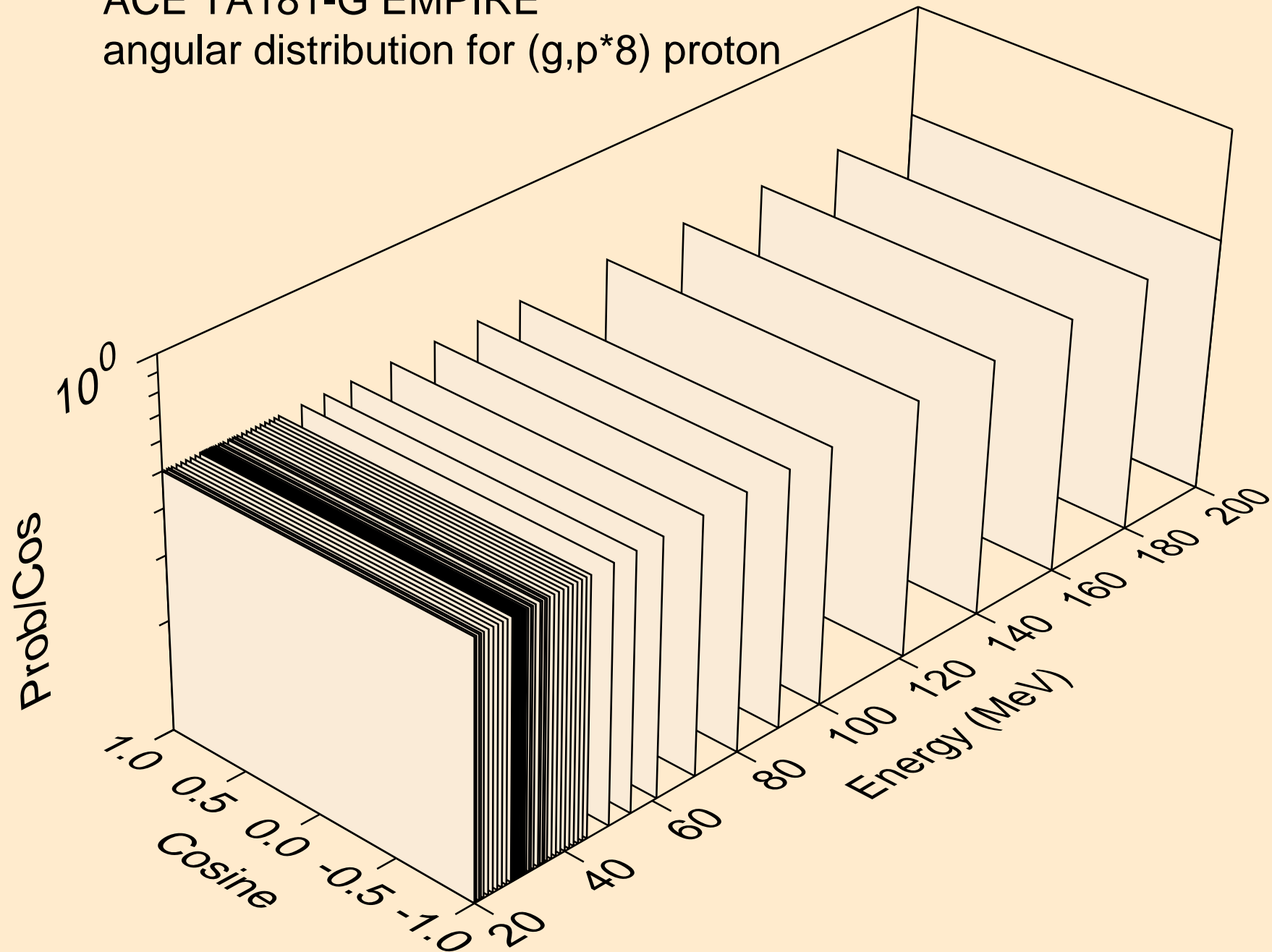
ACE TA181-G EMPIRE
angular distribution for (g,p*7) proton



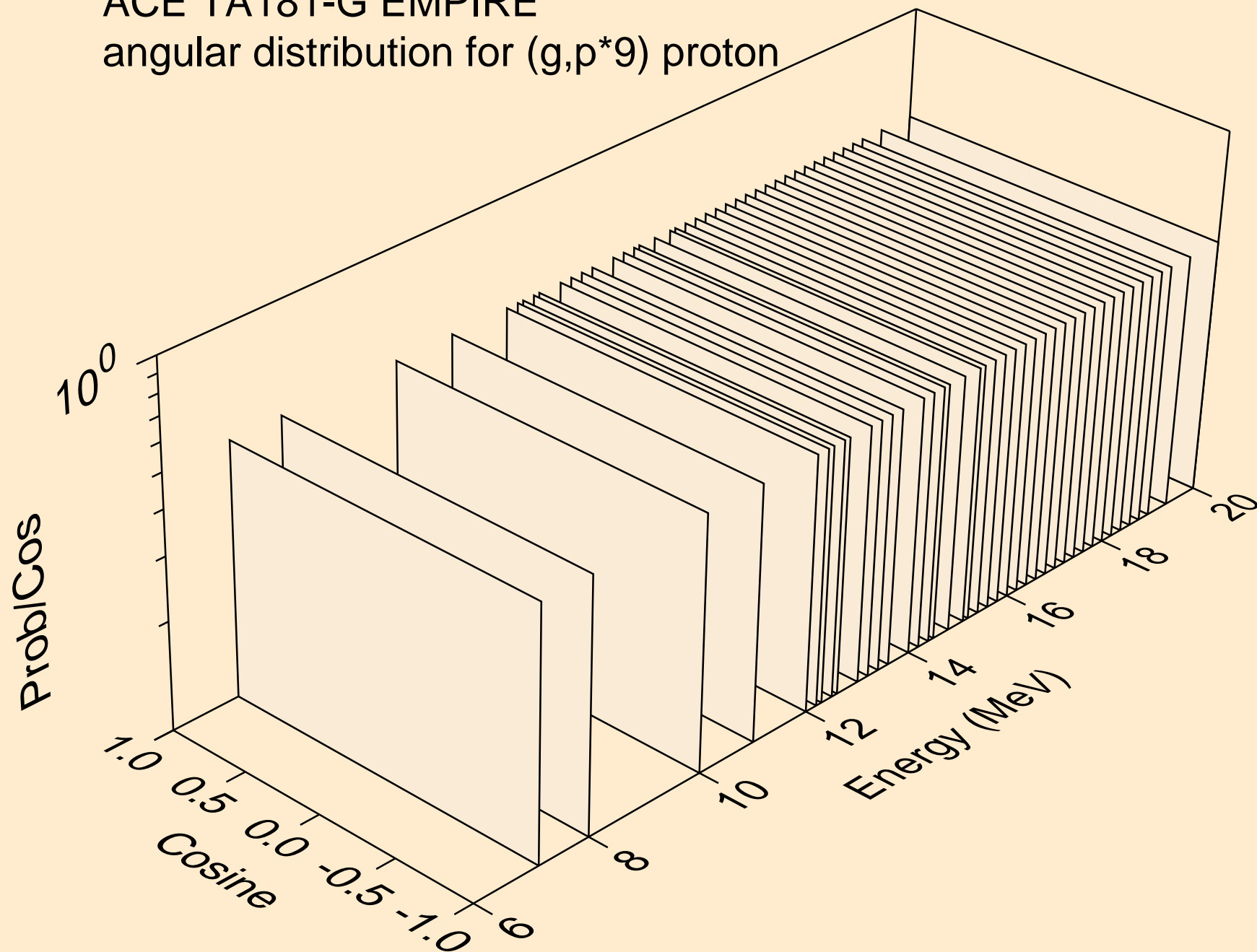
ACE TA181-G EMPIRE
angular distribution for (g,p*8) proton



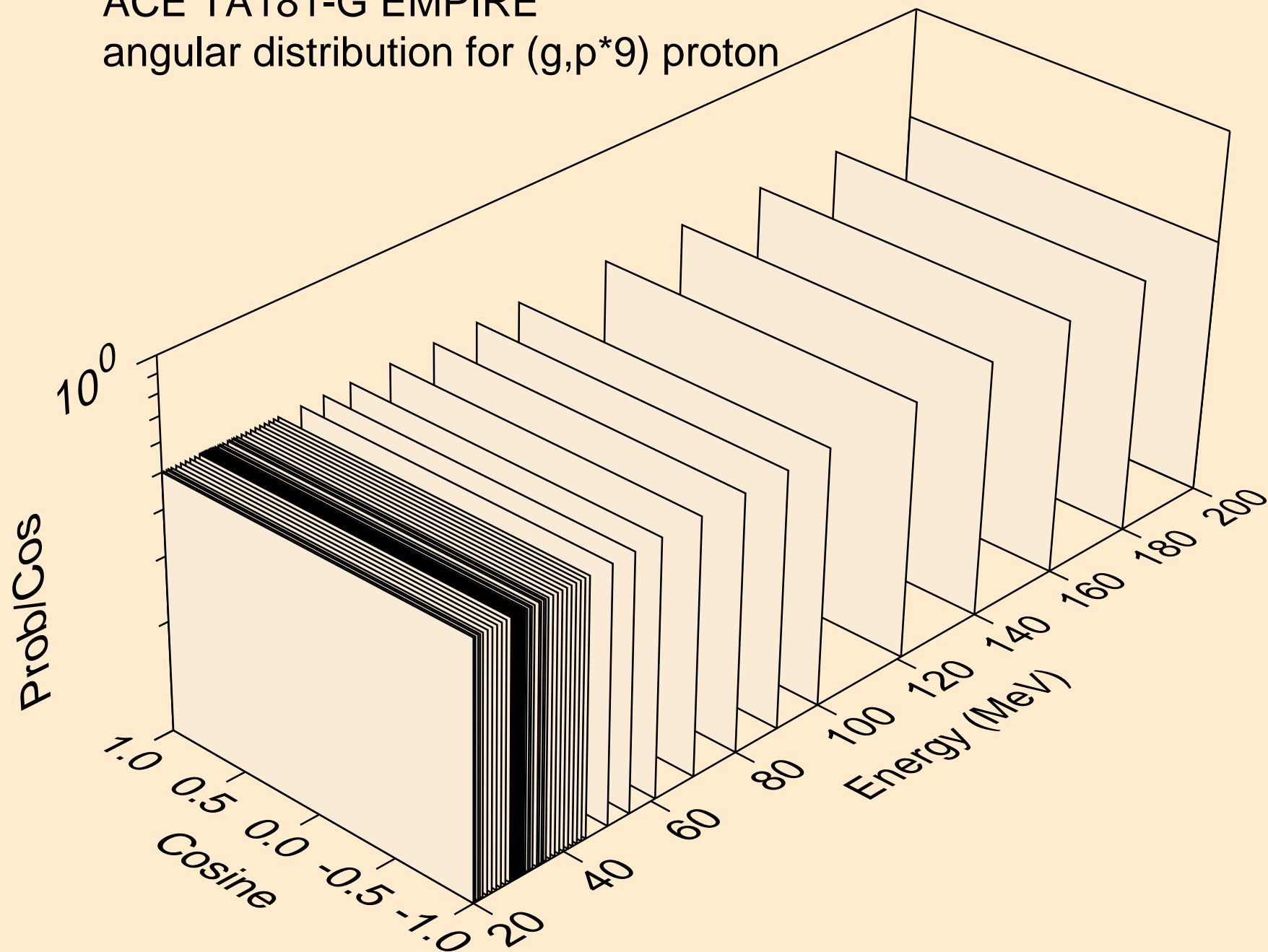
ACE TA181-G EMPIRE
angular distribution for (g,p*8) proton



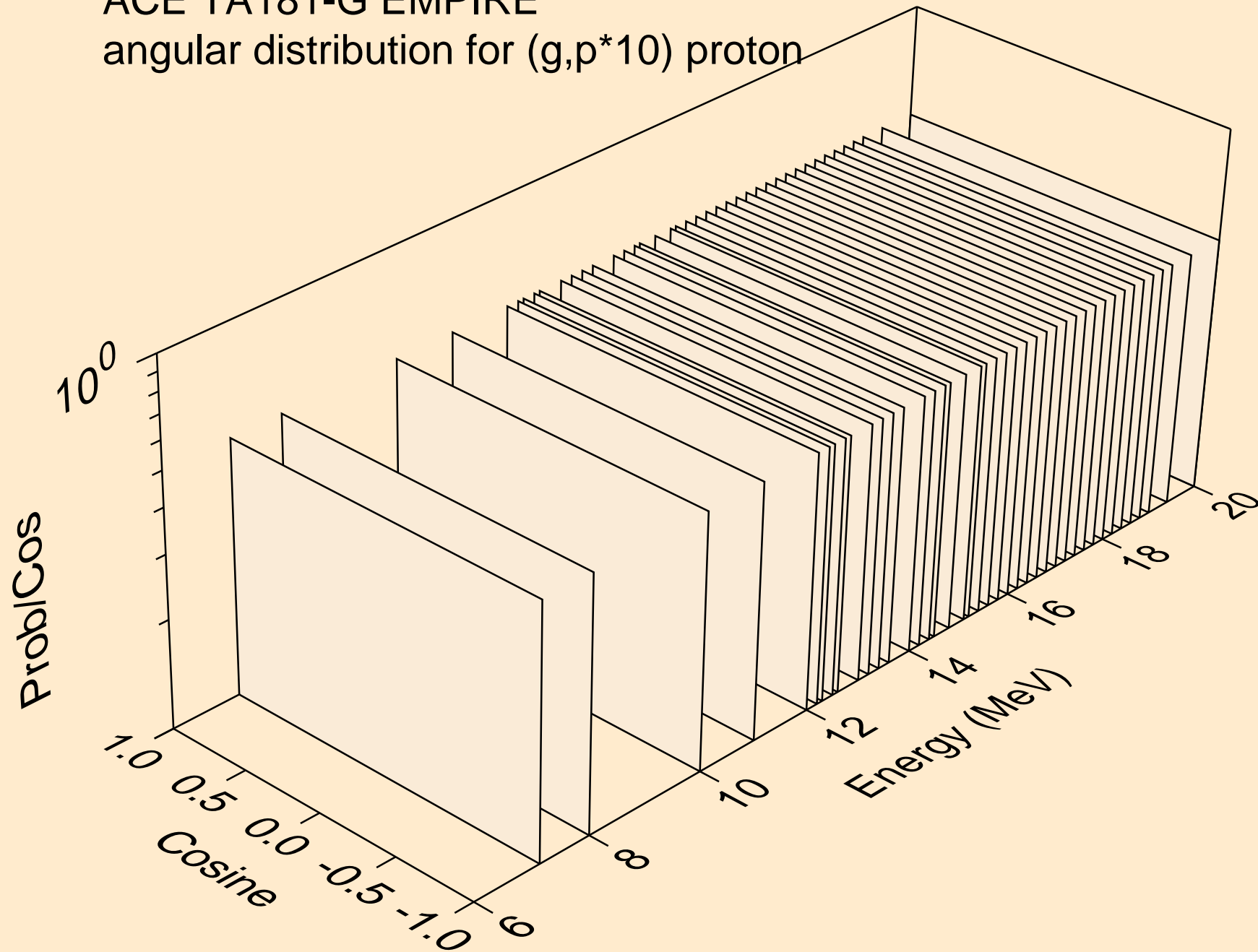
ACE TA181-G EMPIRE
angular distribution for (g,p*9) proton



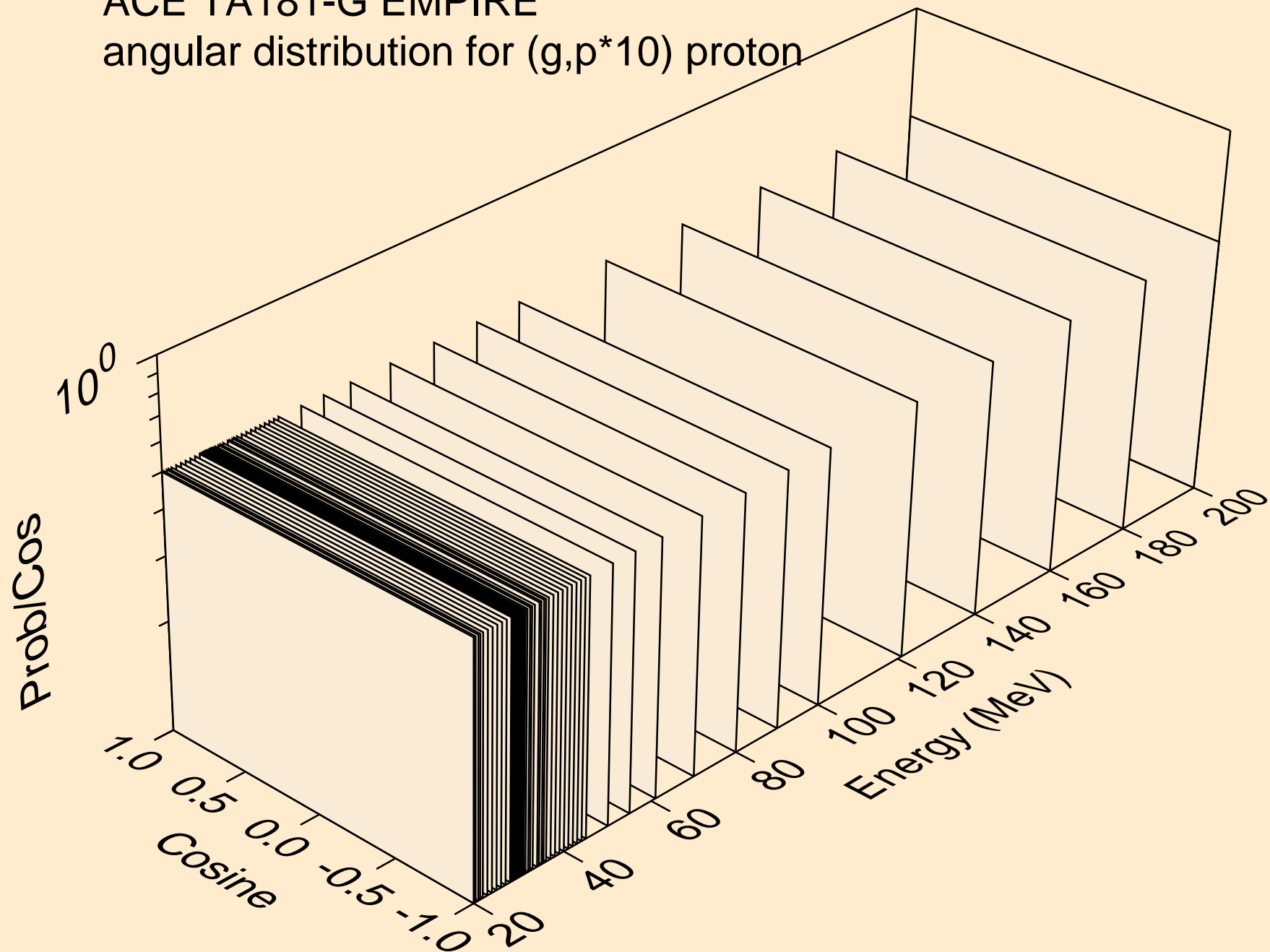
ACE TA181-G EMPIRE
angular distribution for (g,p*9) proton



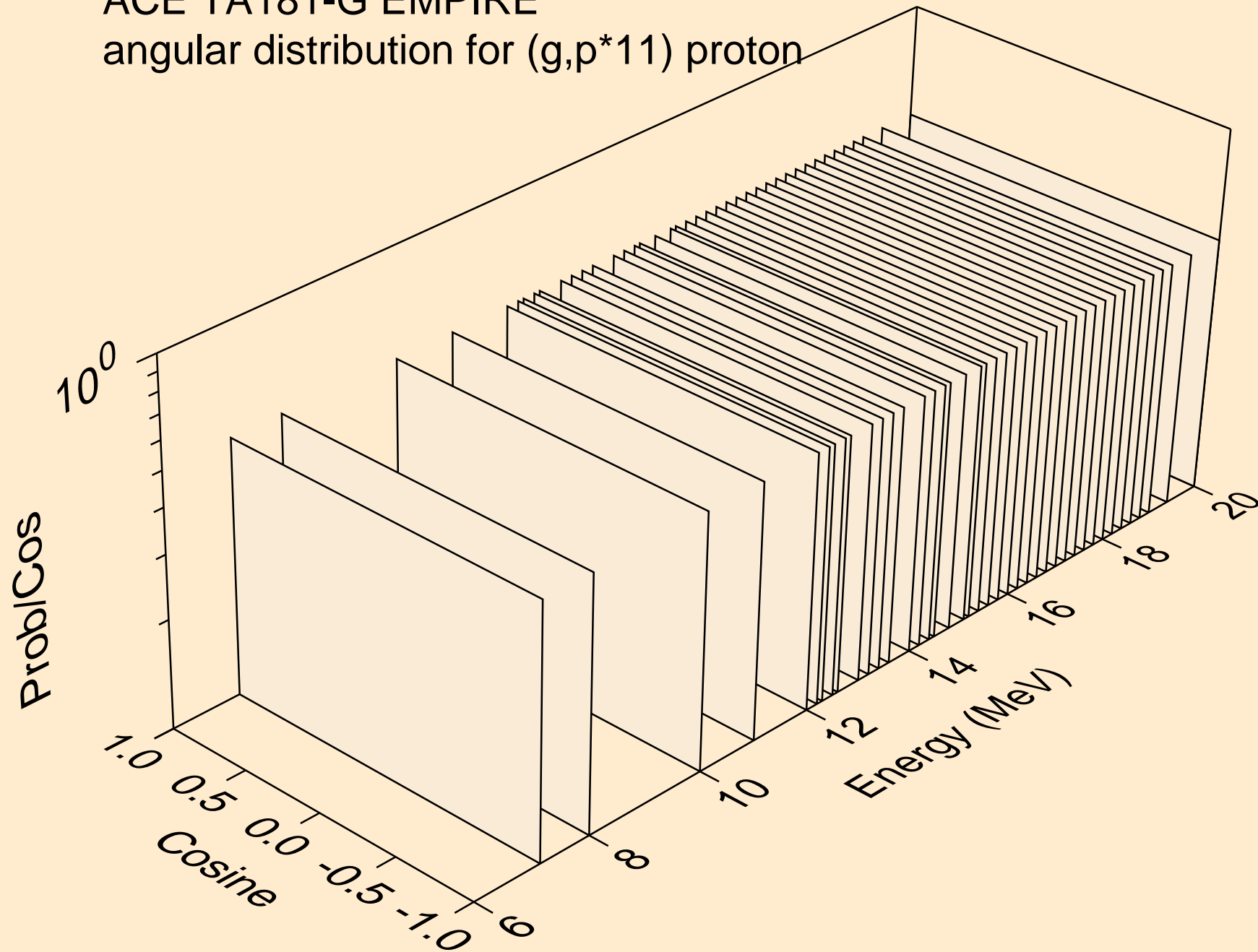
ACE TA181-G EMPIRE
angular distribution for (g,p*10) proton



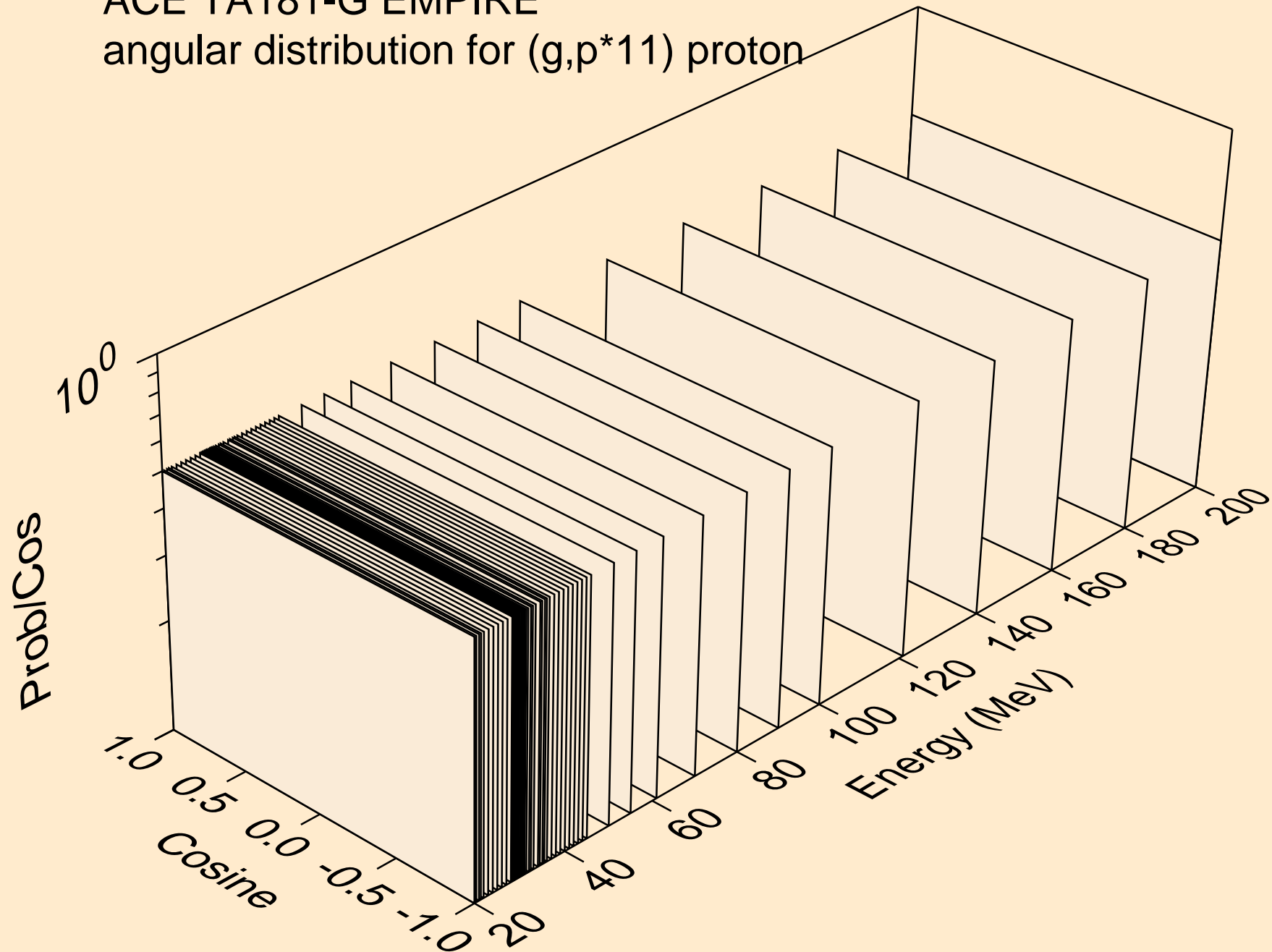
ACE TA181-G EMPIRE
angular distribution for (g,p*10) proton



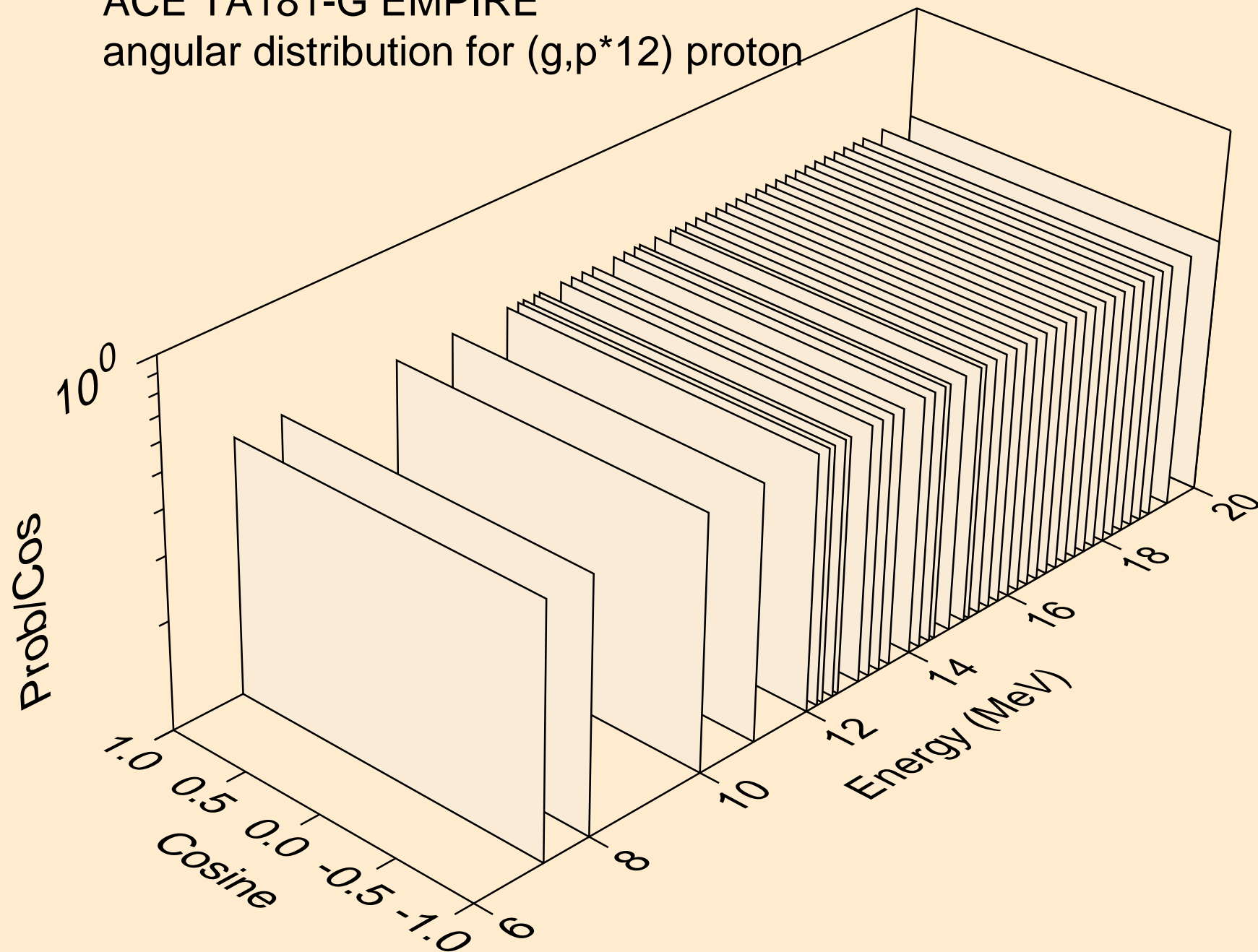
ACE TA181-G EMPIRE
angular distribution for (g,p*11) proton



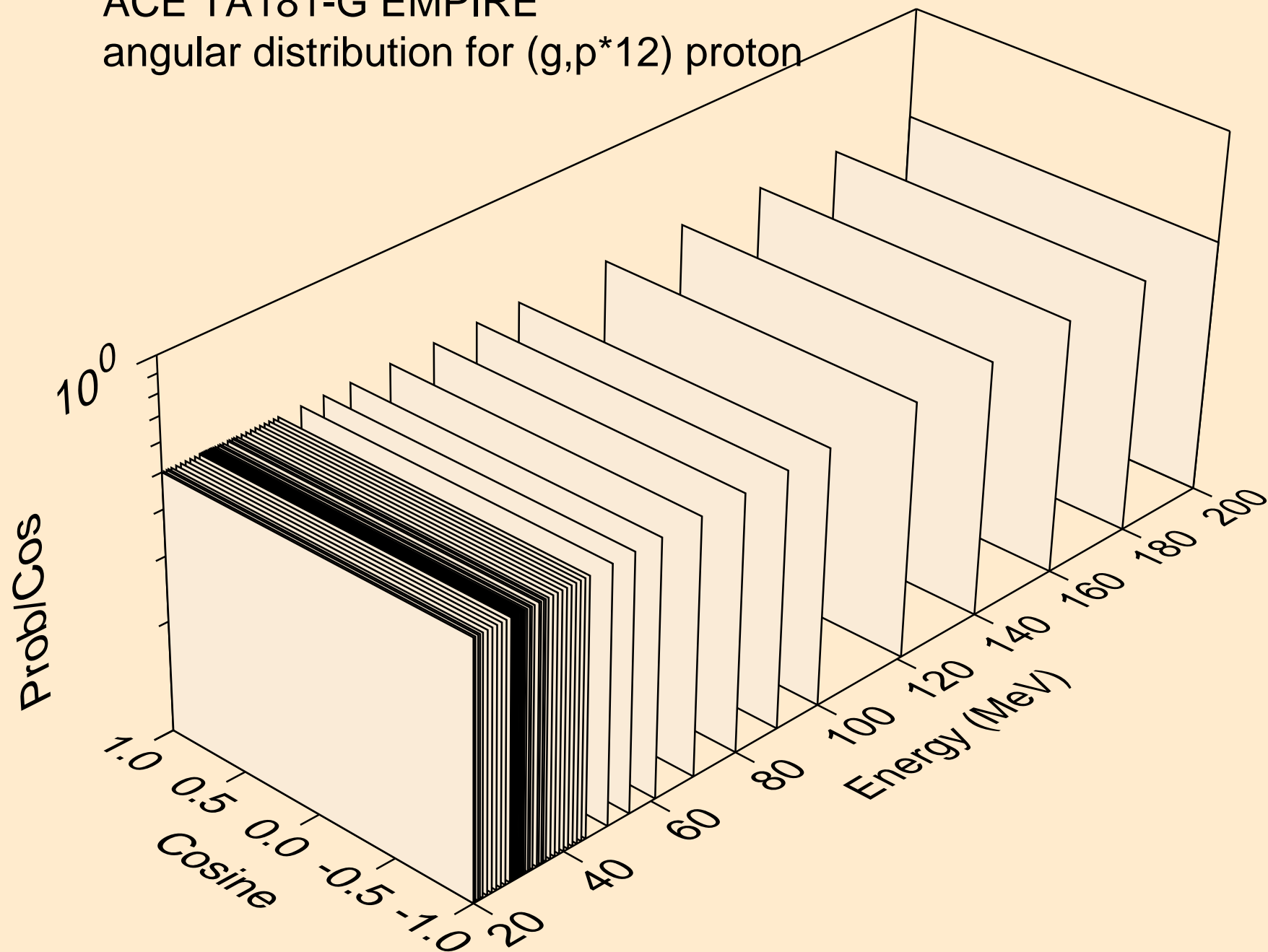
ACE TA181-G EMPIRE
angular distribution for (g,p*11) proton



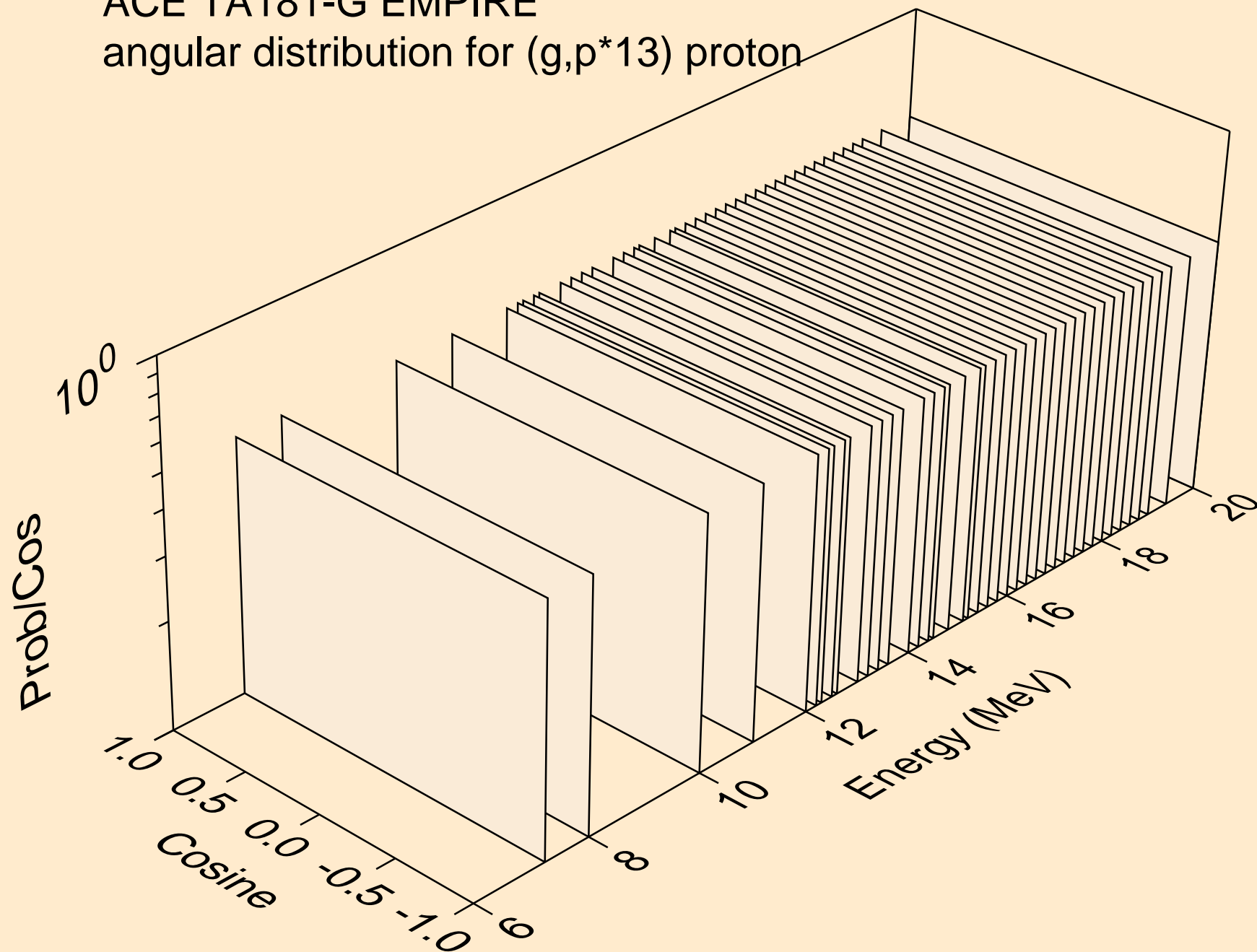
ACE TA181-G EMPIRE
angular distribution for (g,p*12) proton



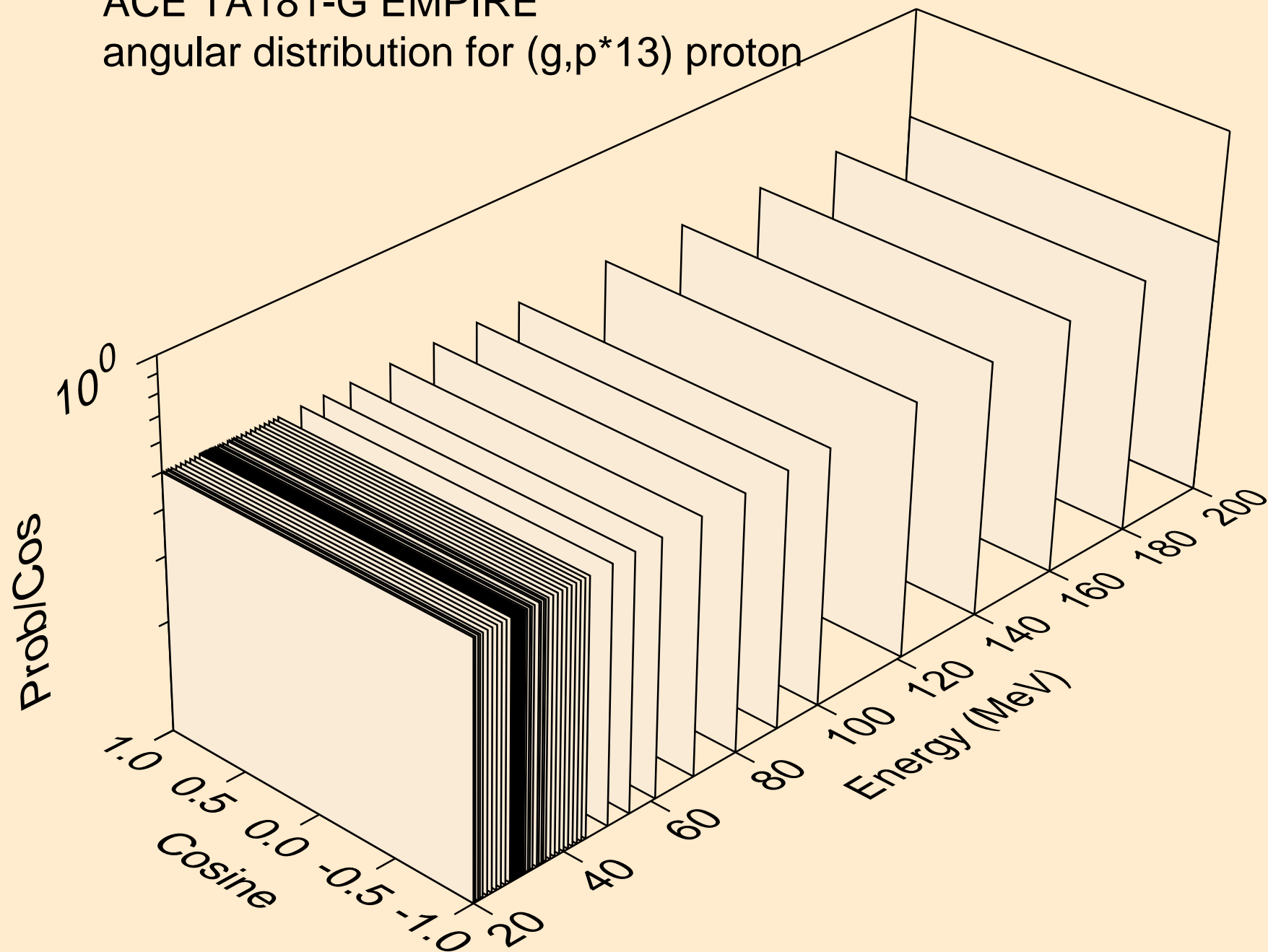
ACE TA181-G EMPIRE
angular distribution for (g,p*12) proton



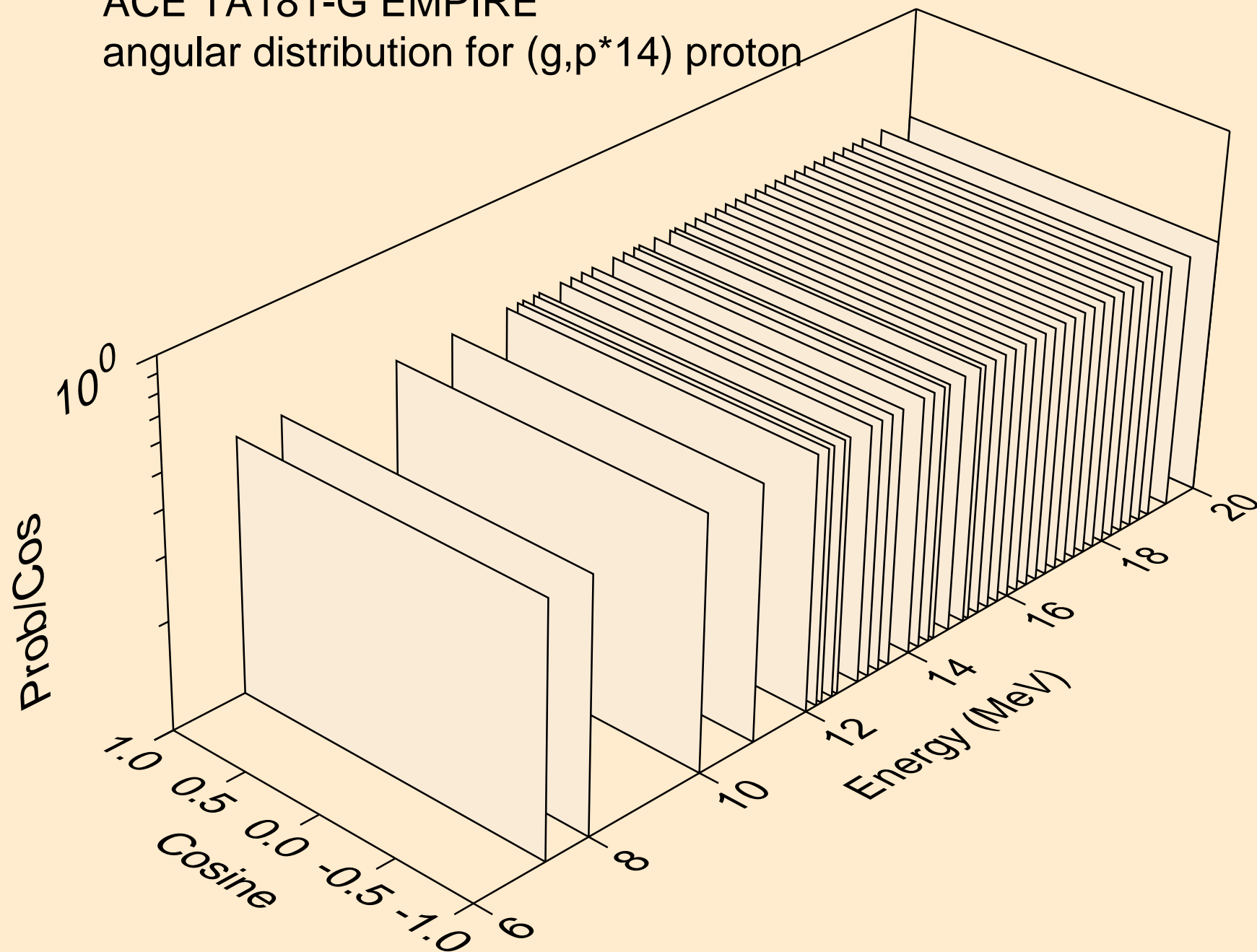
ACE TA181-G EMPIRE
angular distribution for (g,p*13) proton



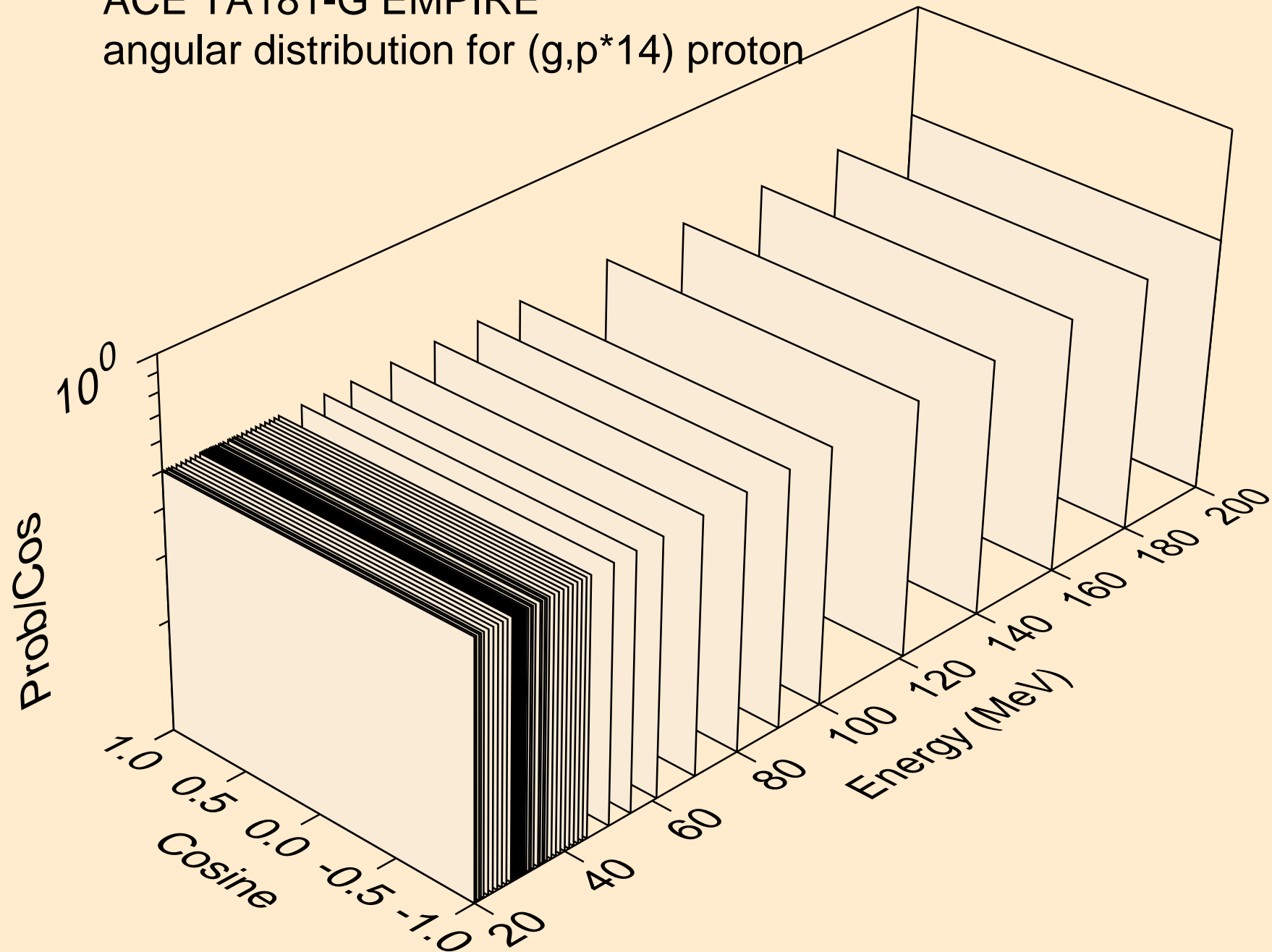
ACE TA181-G EMPIRE
angular distribution for (g,p*13) proton



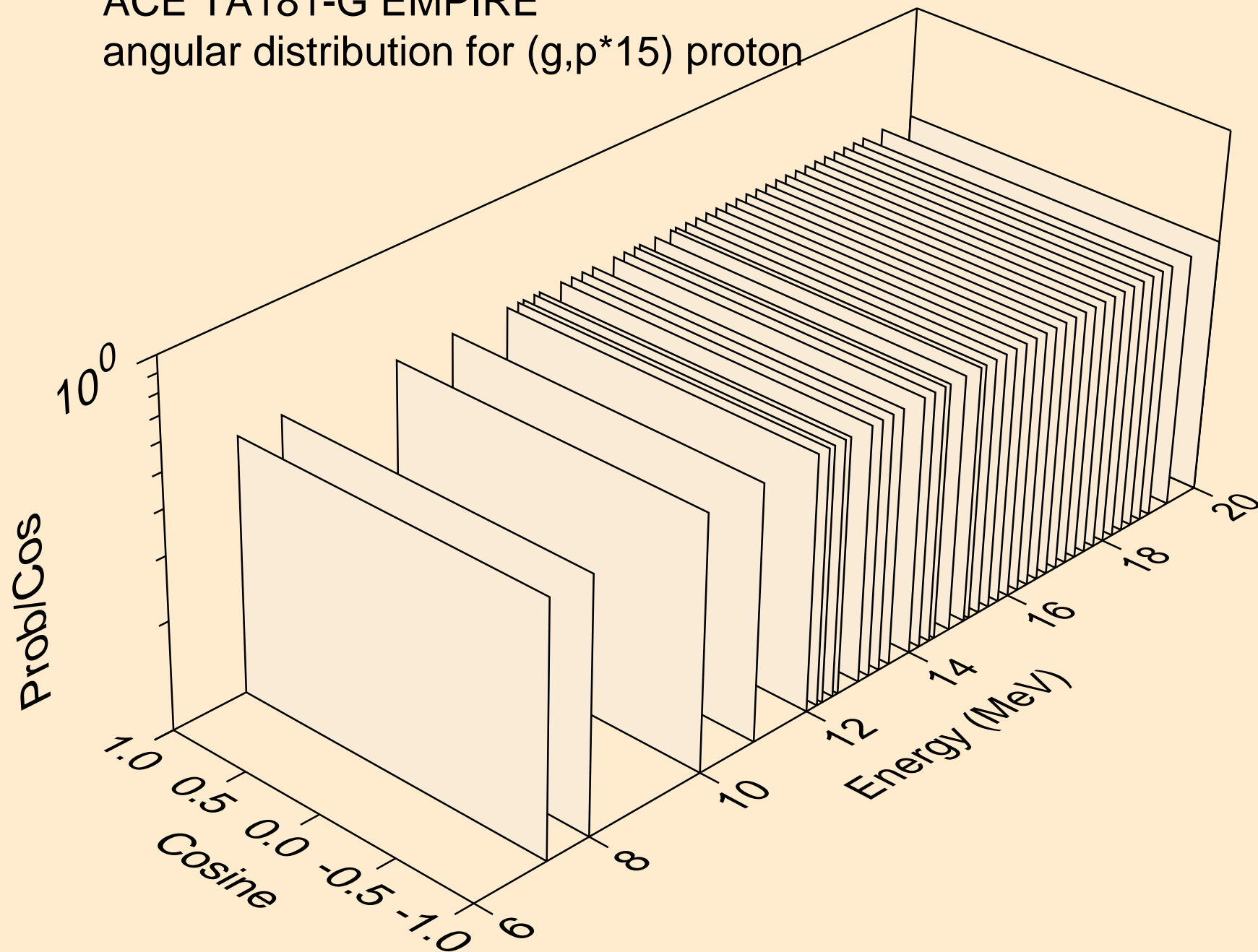
ACE TA181-G EMPIRE
angular distribution for (g,p*14) proton



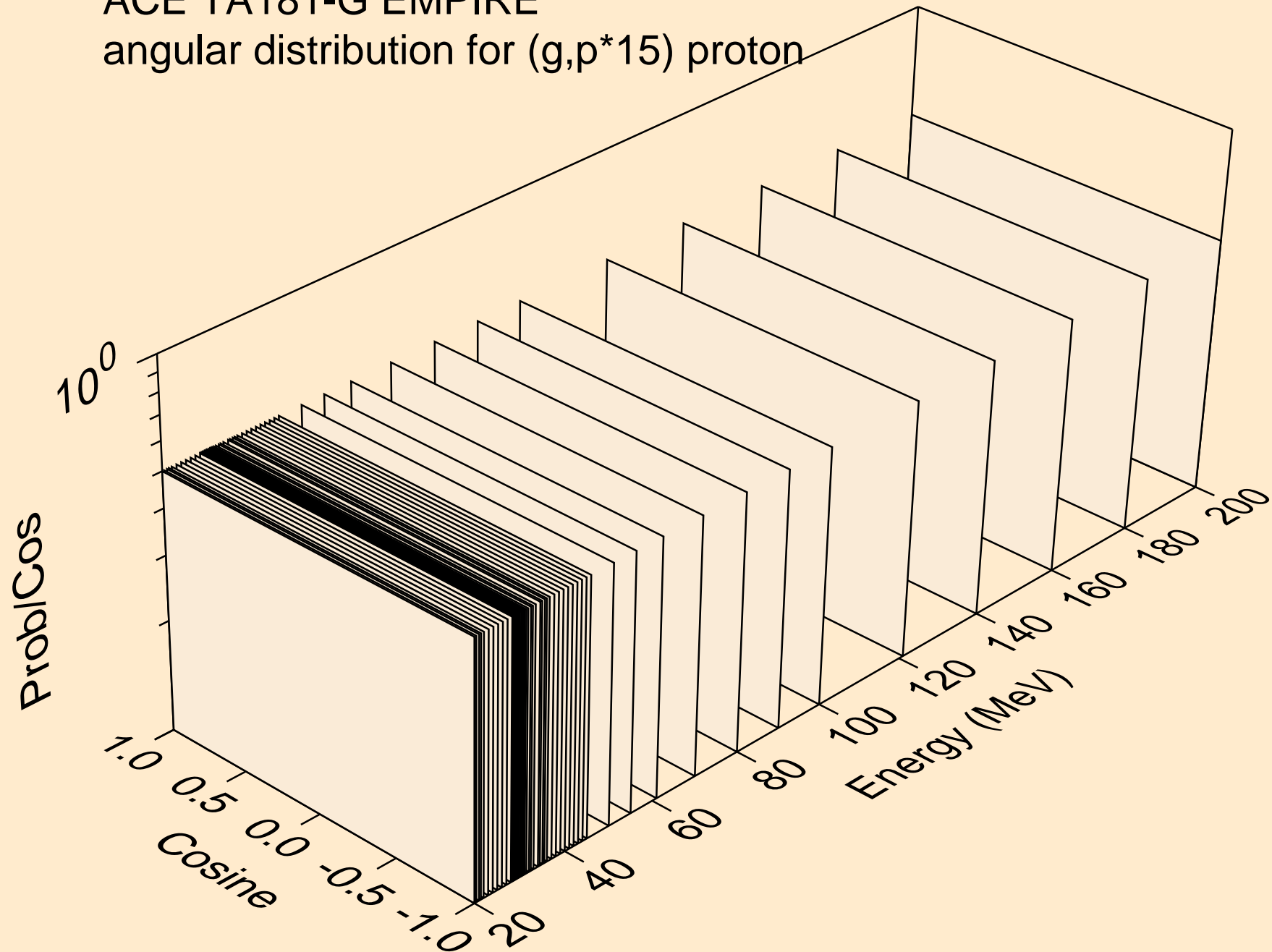
ACE TA181-G EMPIRE
angular distribution for (g,p*14) proton



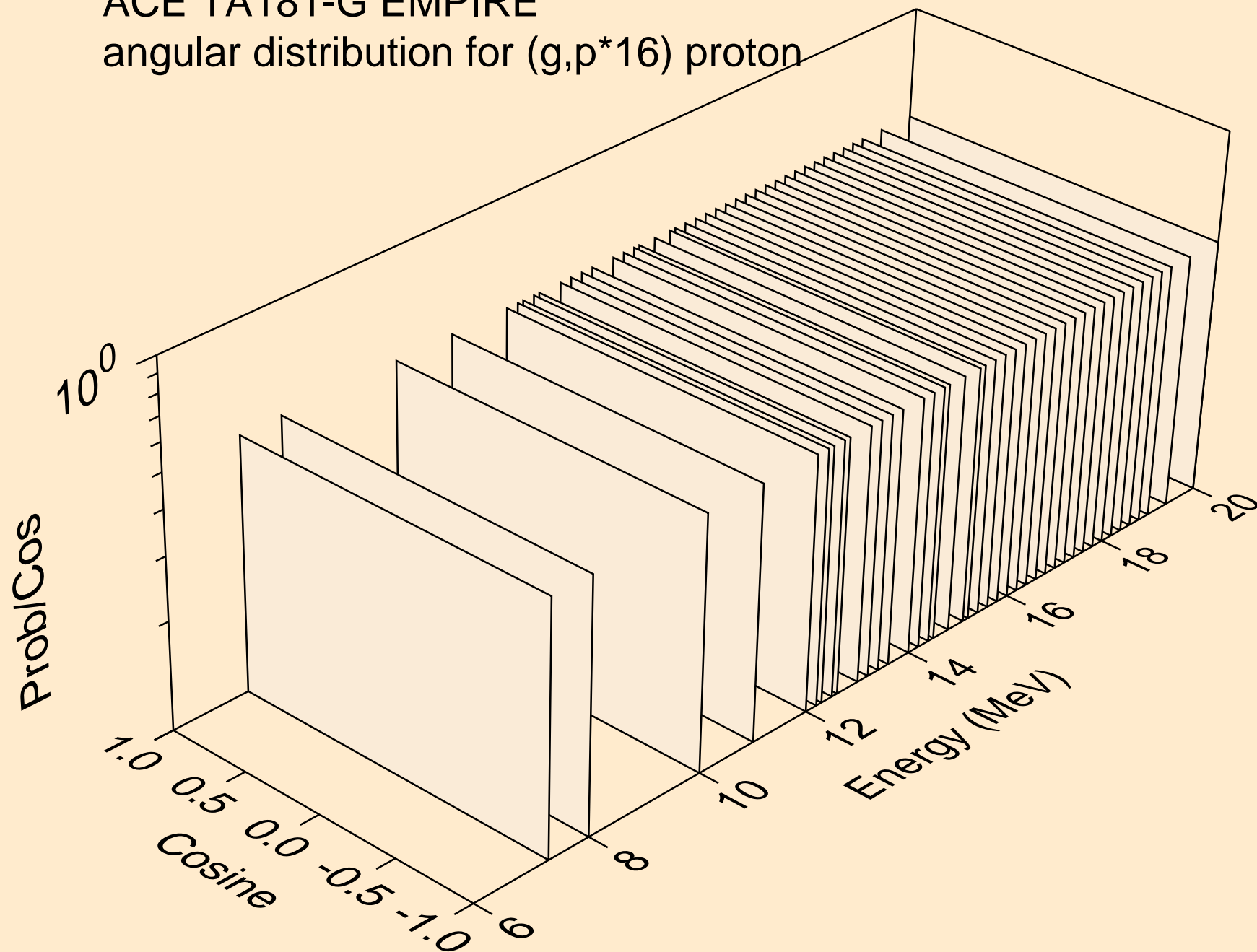
ACE TA181-G EMPIRE
angular distribution for (g,p*15) proton



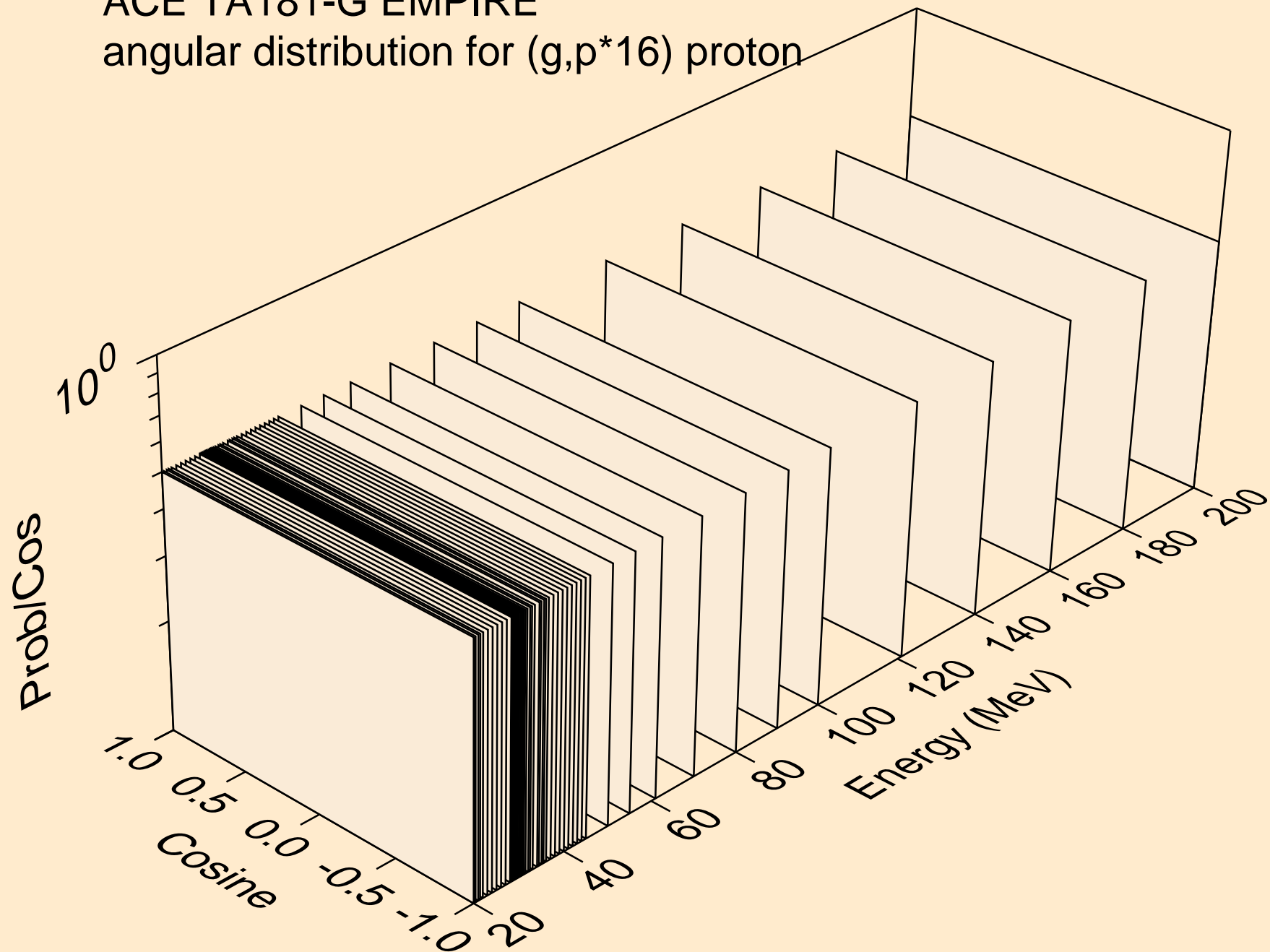
ACE TA181-G EMPIRE
angular distribution for (g,p*15) proton



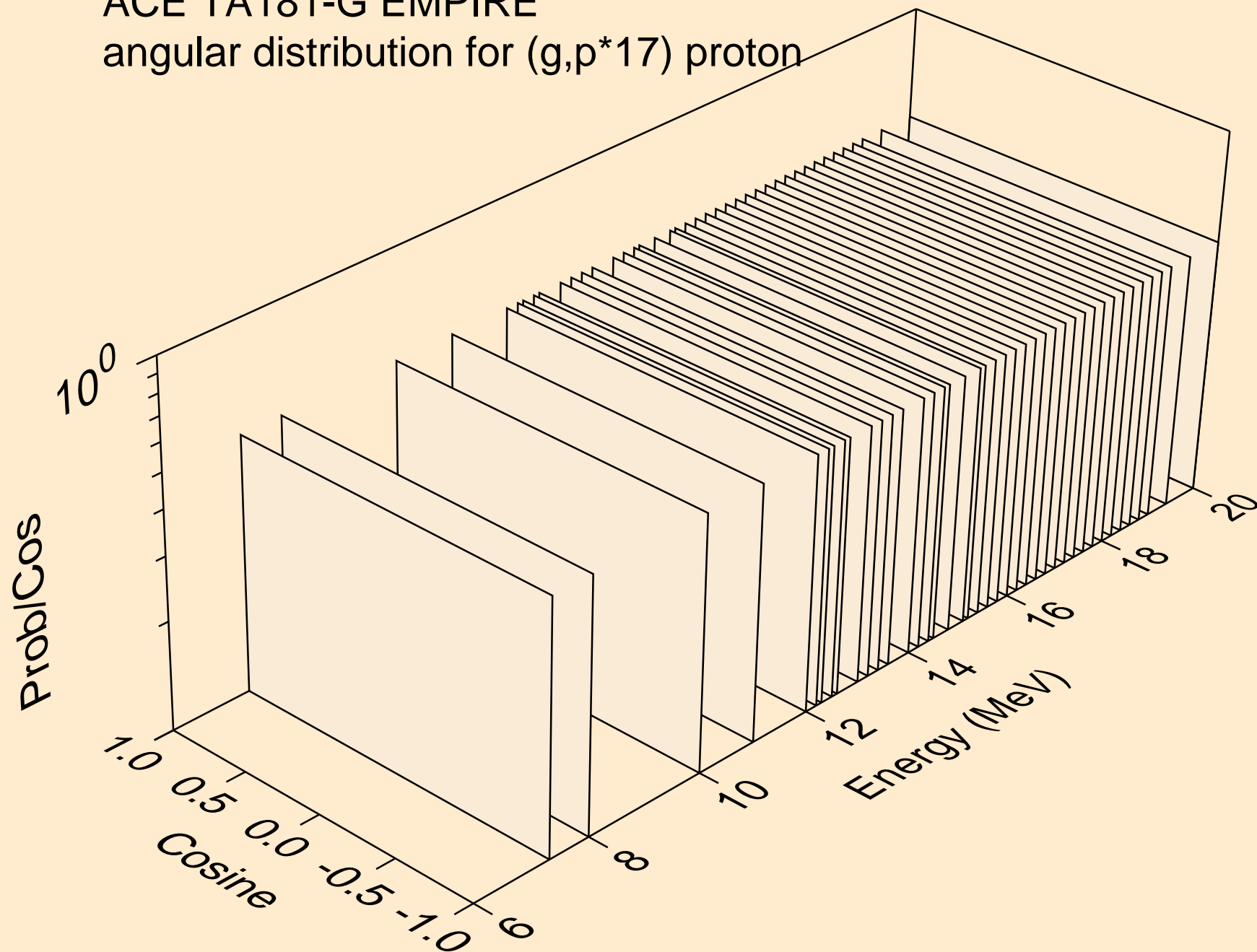
ACE TA181-G EMPIRE
angular distribution for (g,p*16) proton



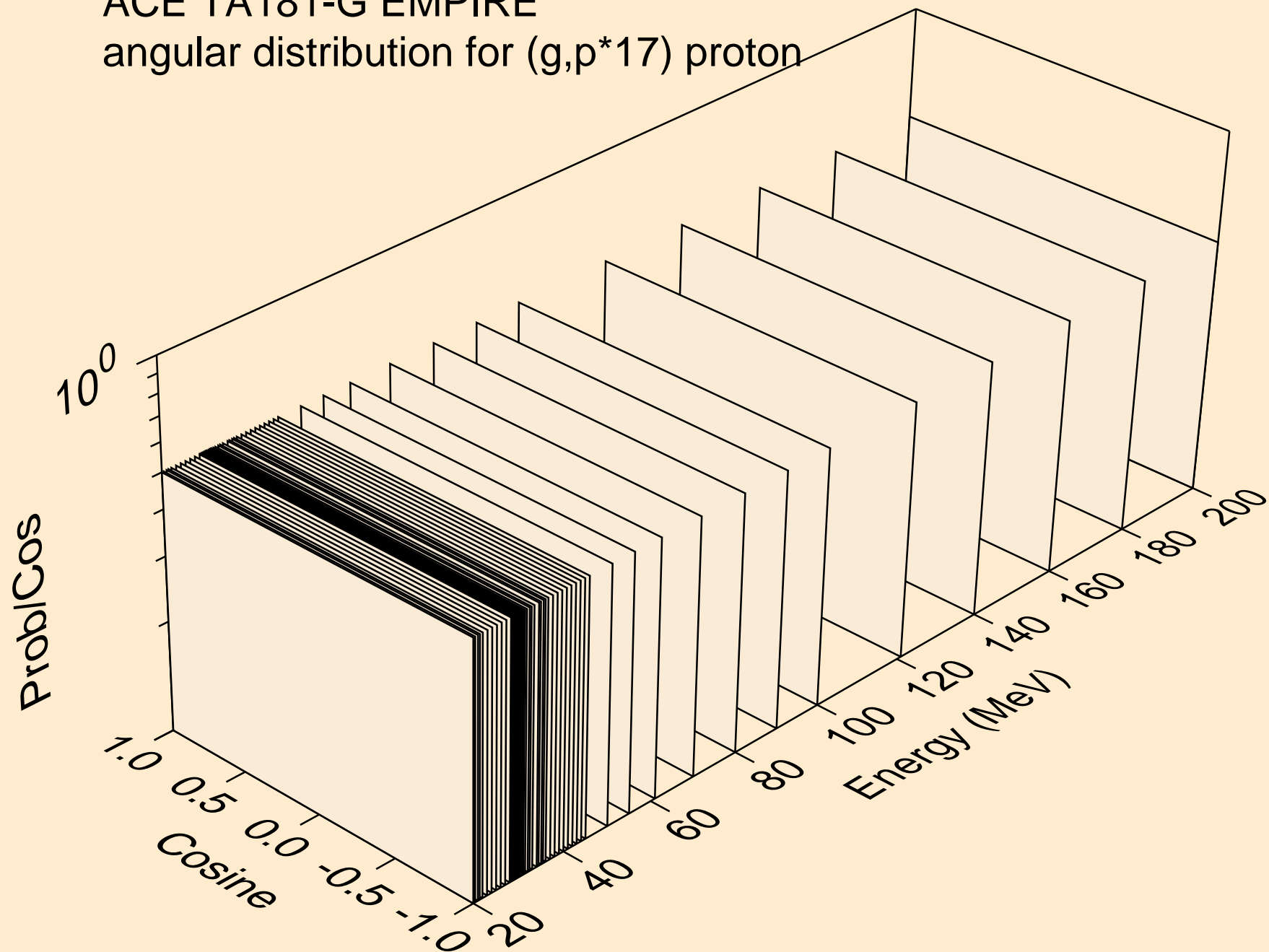
ACE TA181-G EMPIRE
angular distribution for (g,p*16) proton



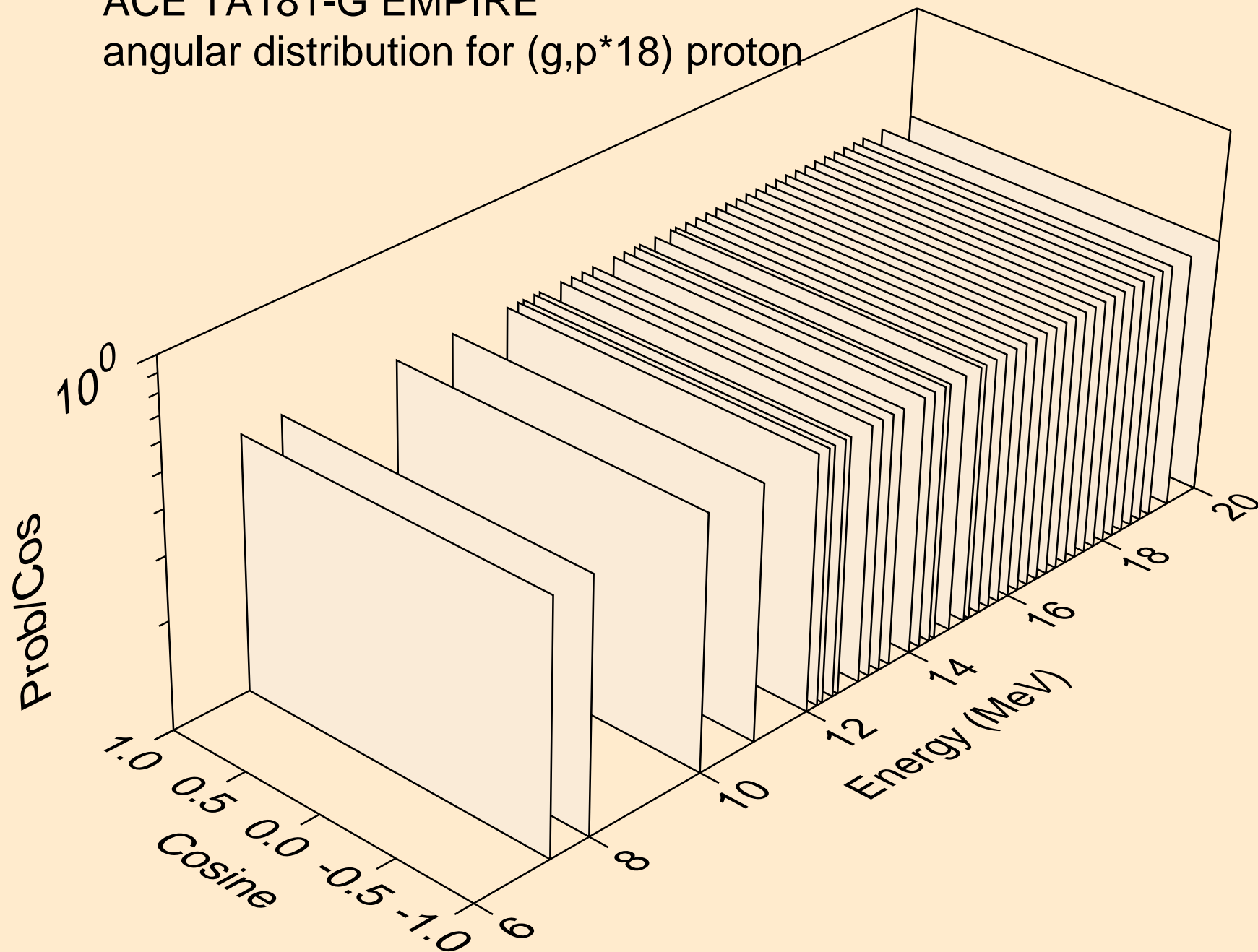
ACE TA181-G EMPIRE
angular distribution for (g,p*17) proton



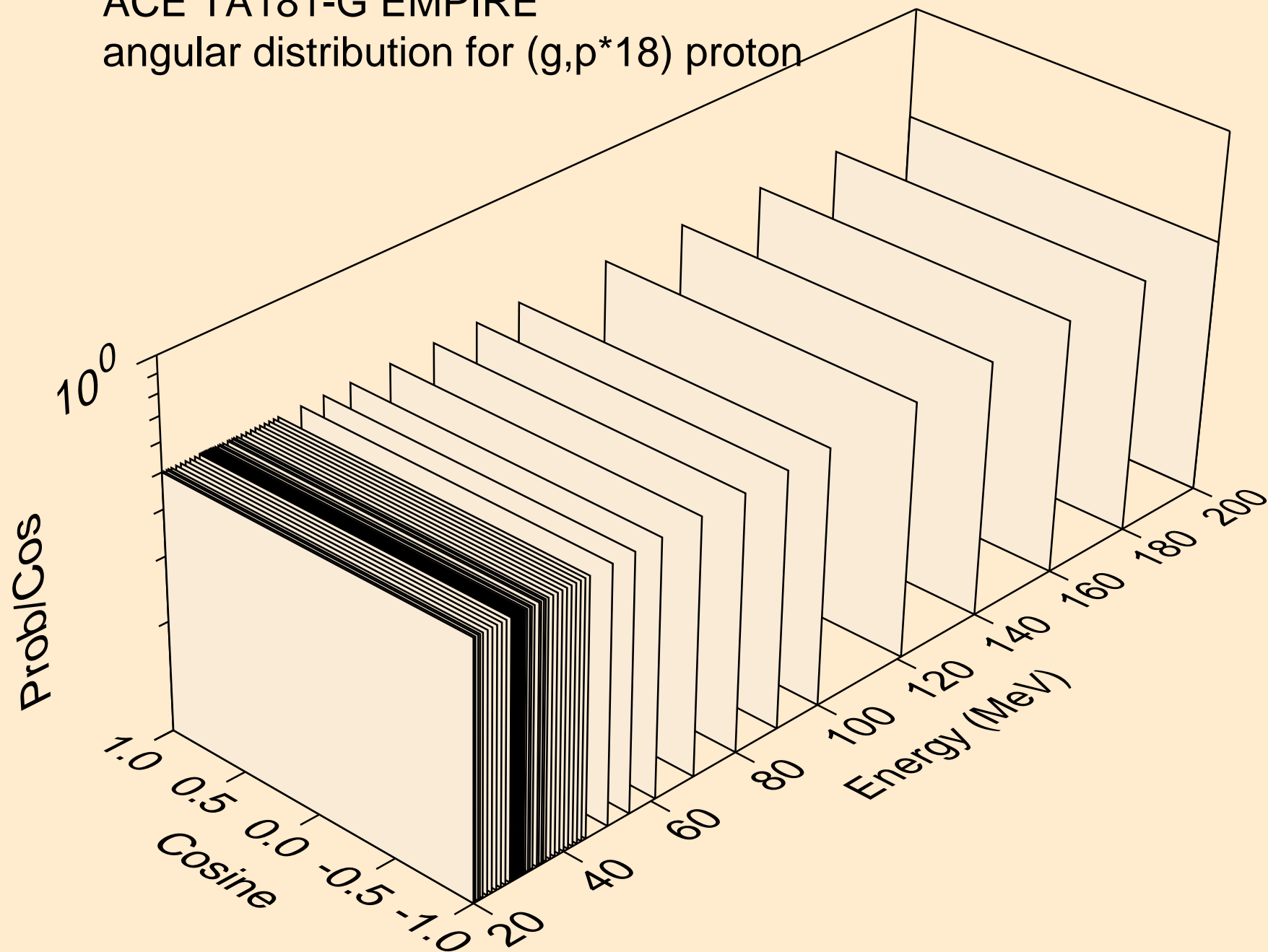
ACE TA181-G EMPIRE
angular distribution for (g,p*17) proton



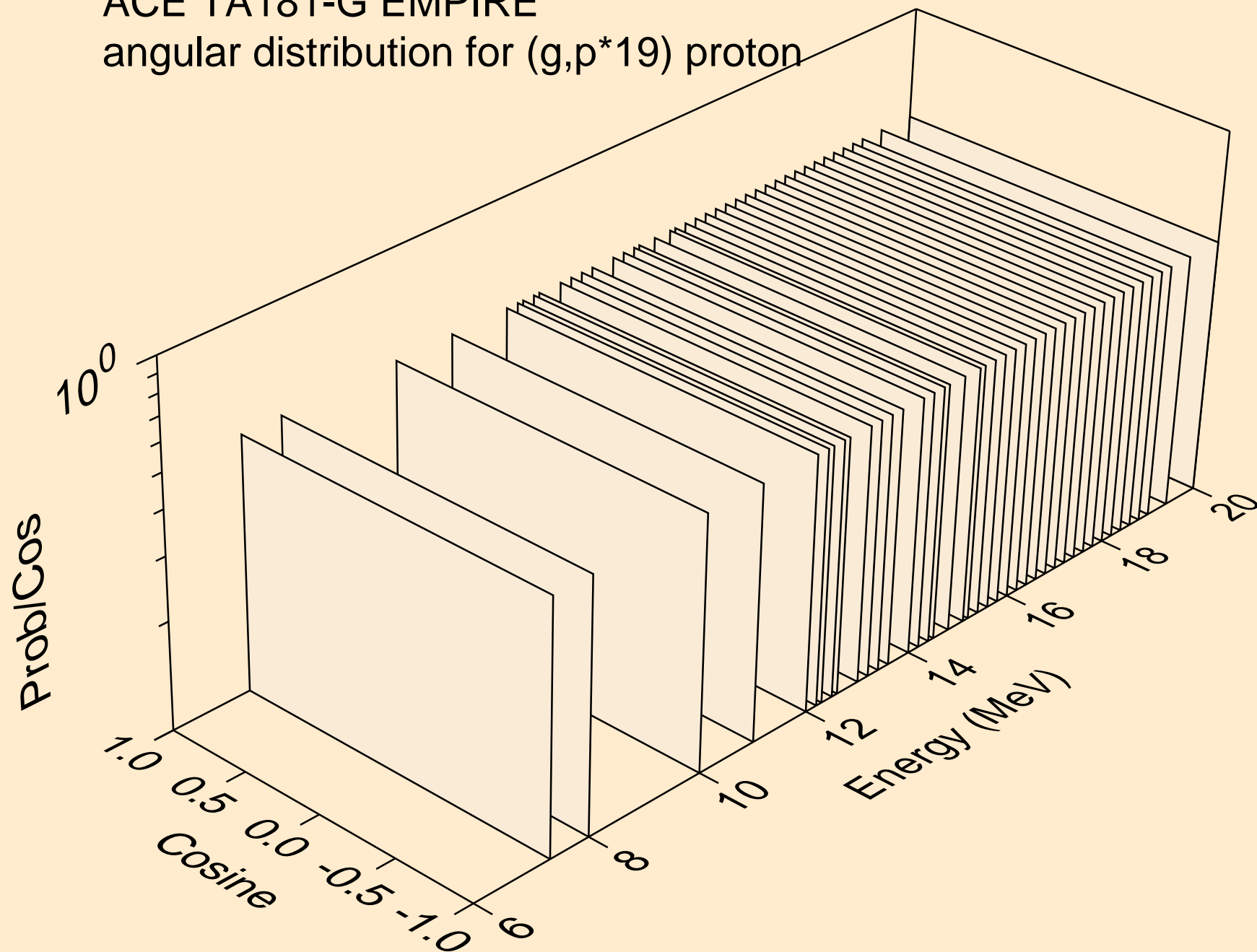
ACE TA181-G EMPIRE
angular distribution for (g,p*18) proton



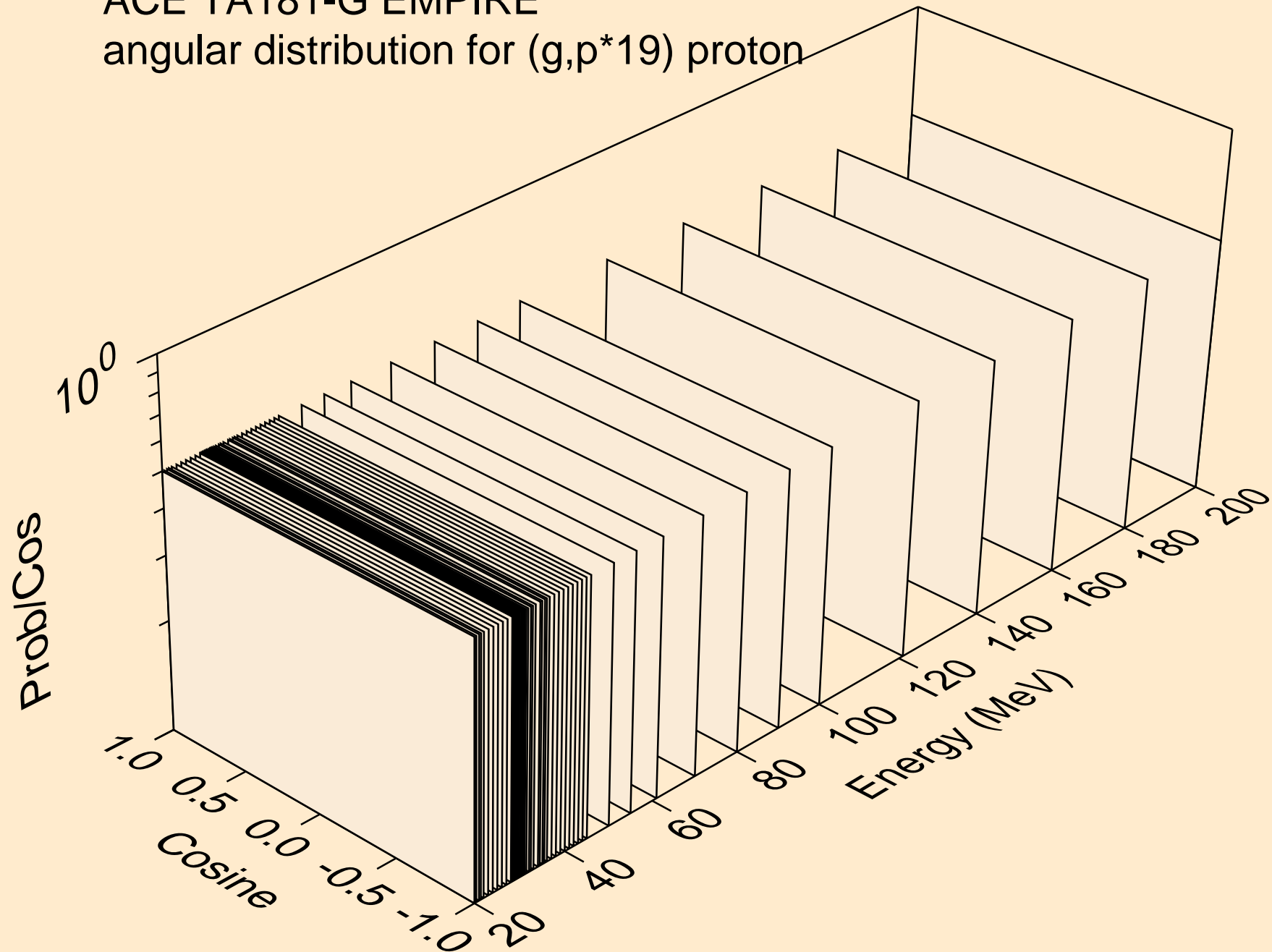
ACE TA181-G EMPIRE
angular distribution for (g,p*18) proton



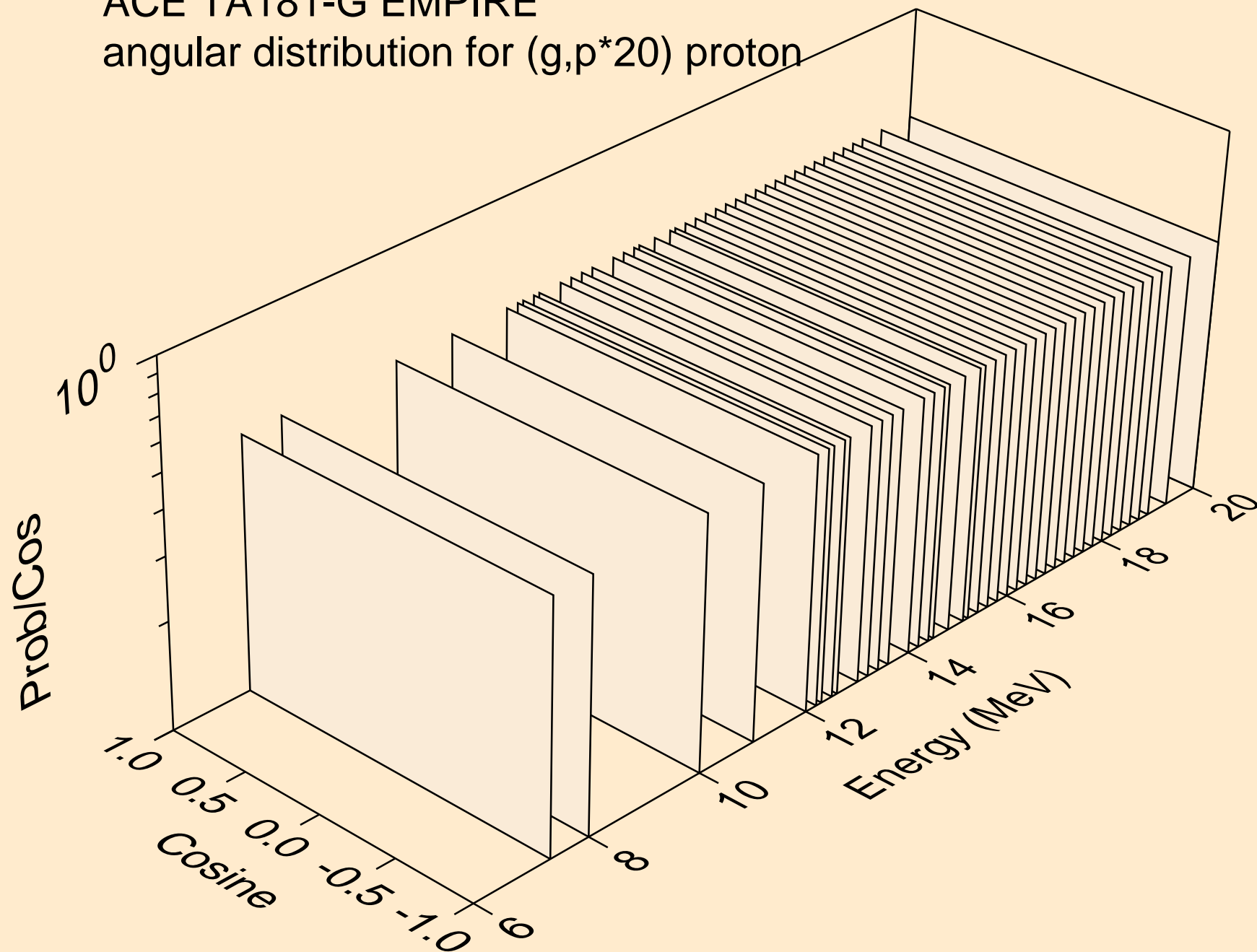
ACE TA181-G EMPIRE
angular distribution for (g,p*19) proton



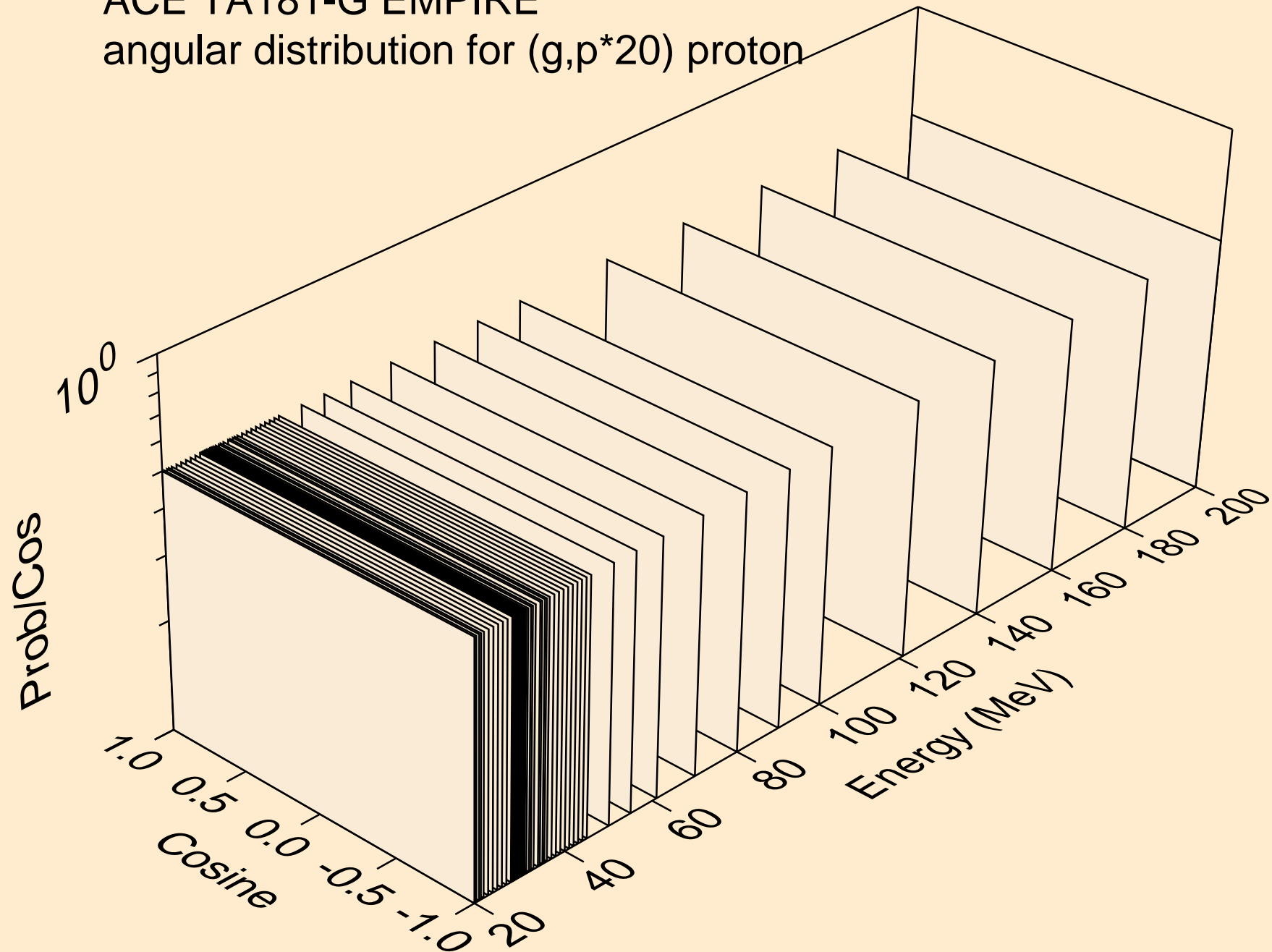
ACE TA181-G EMPIRE
angular distribution for (g,p*19) proton



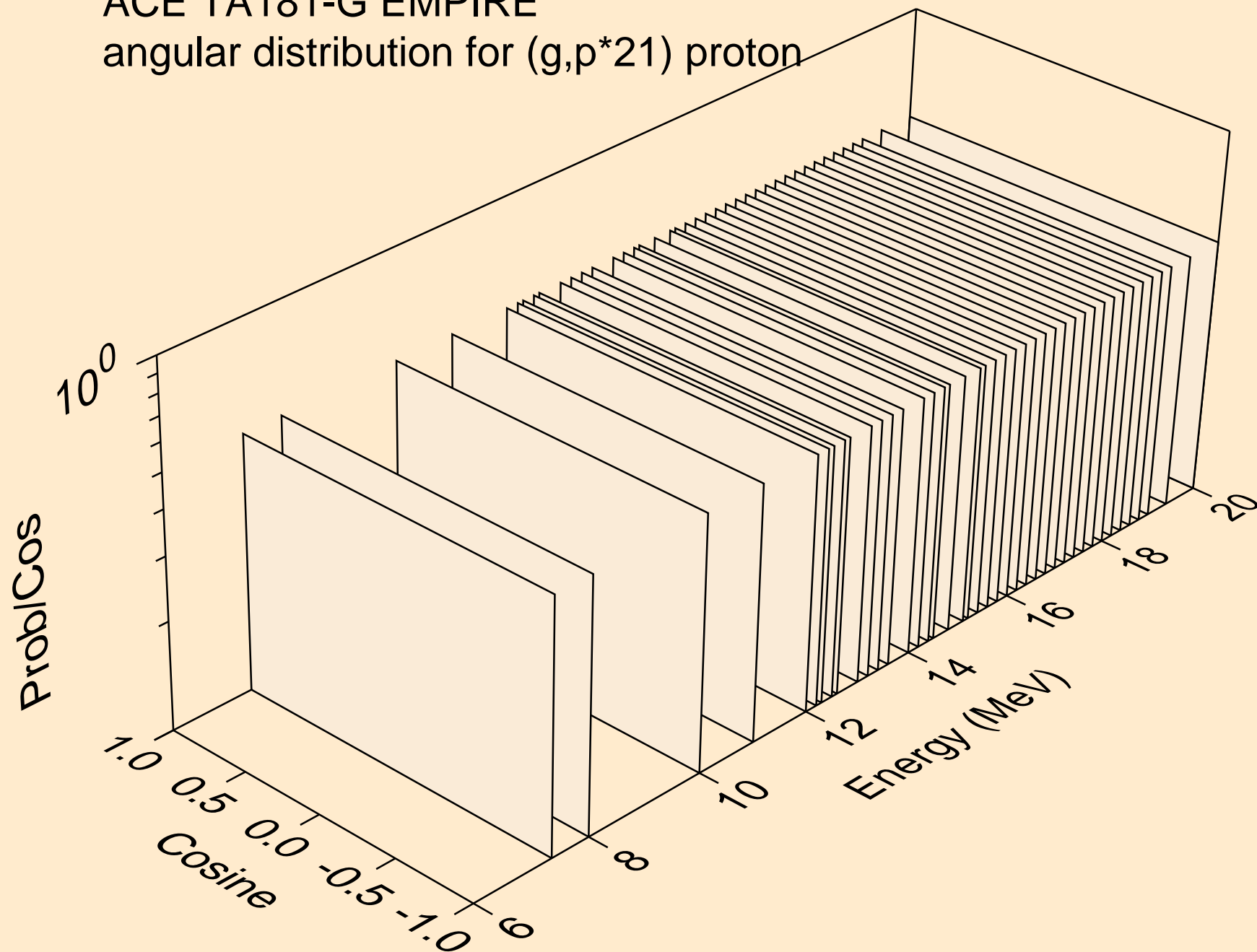
ACE TA181-G EMPIRE
angular distribution for (g,p*20) proton



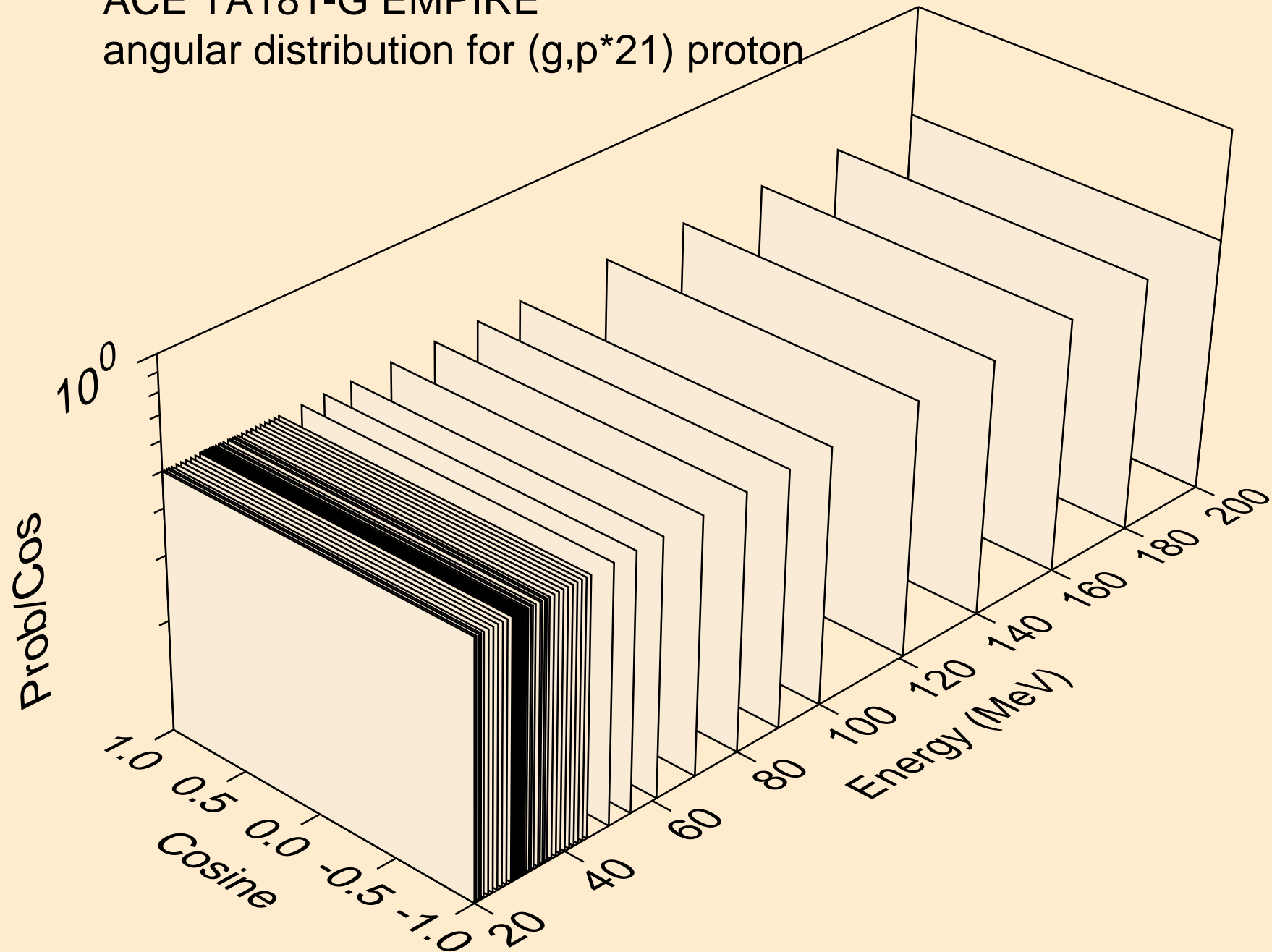
ACE TA181-G EMPIRE
angular distribution for (g,p*20) proton



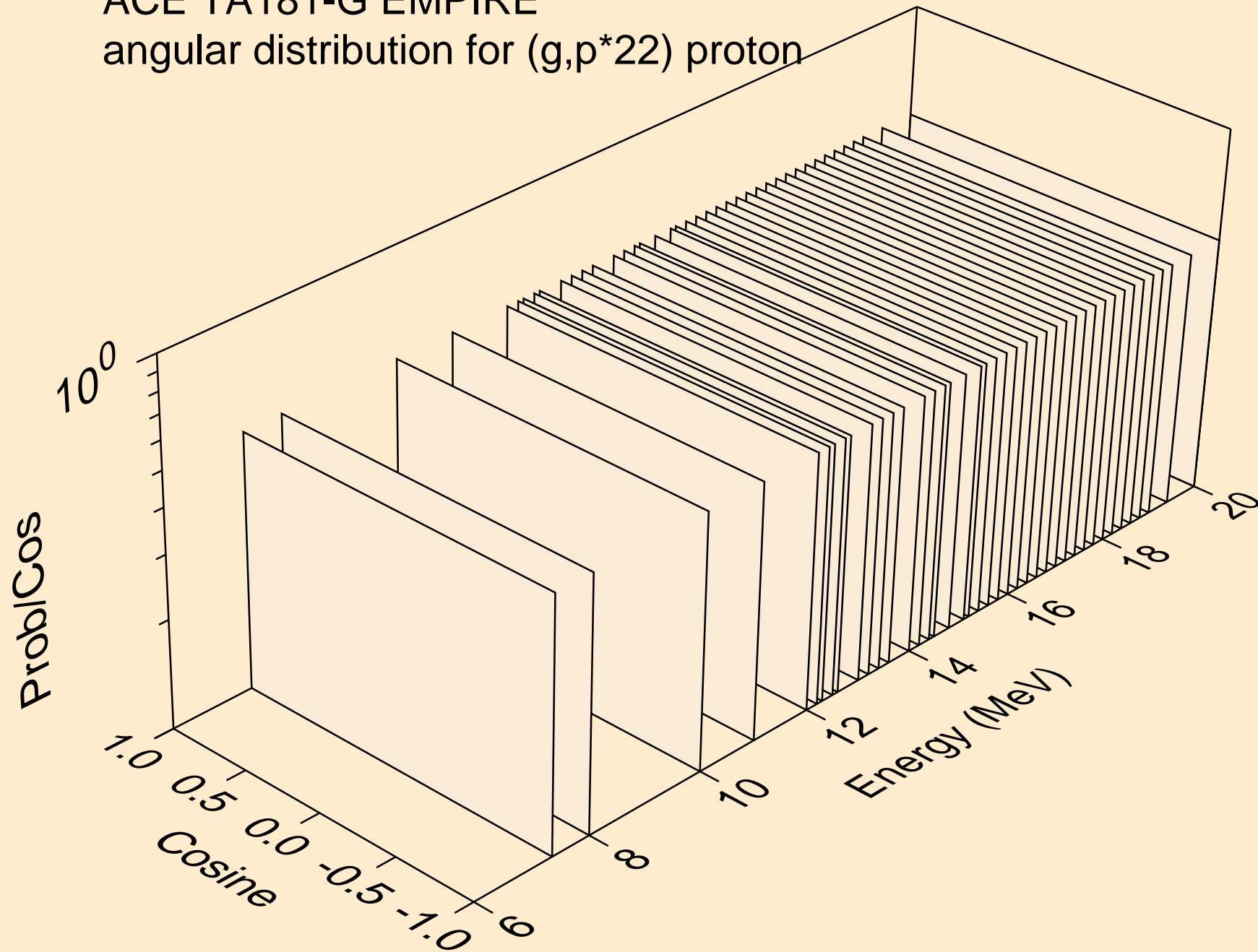
ACE TA181-G EMPIRE
angular distribution for (g,p*21) proton



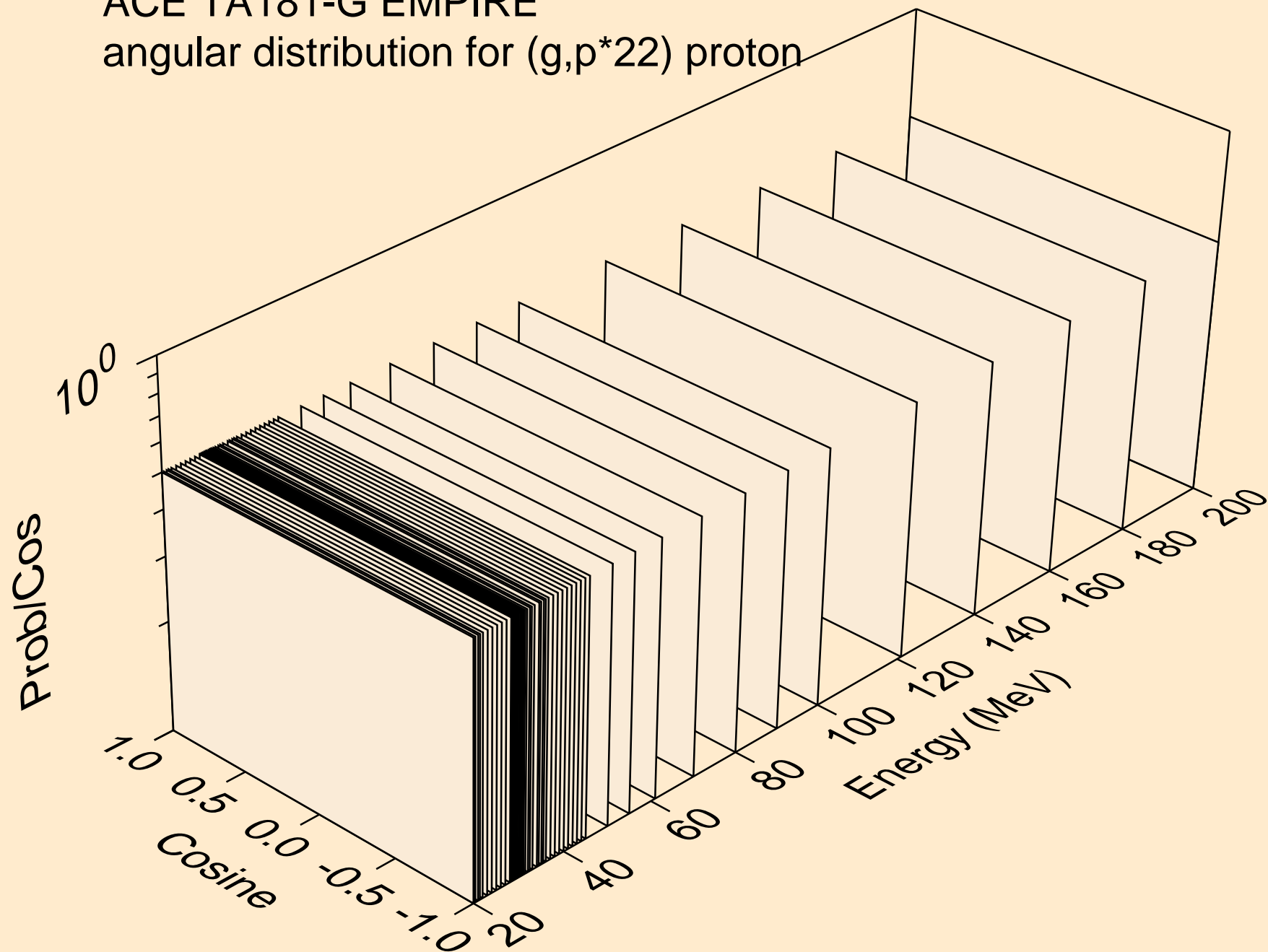
ACE TA181-G EMPIRE
angular distribution for (g,p*21) proton



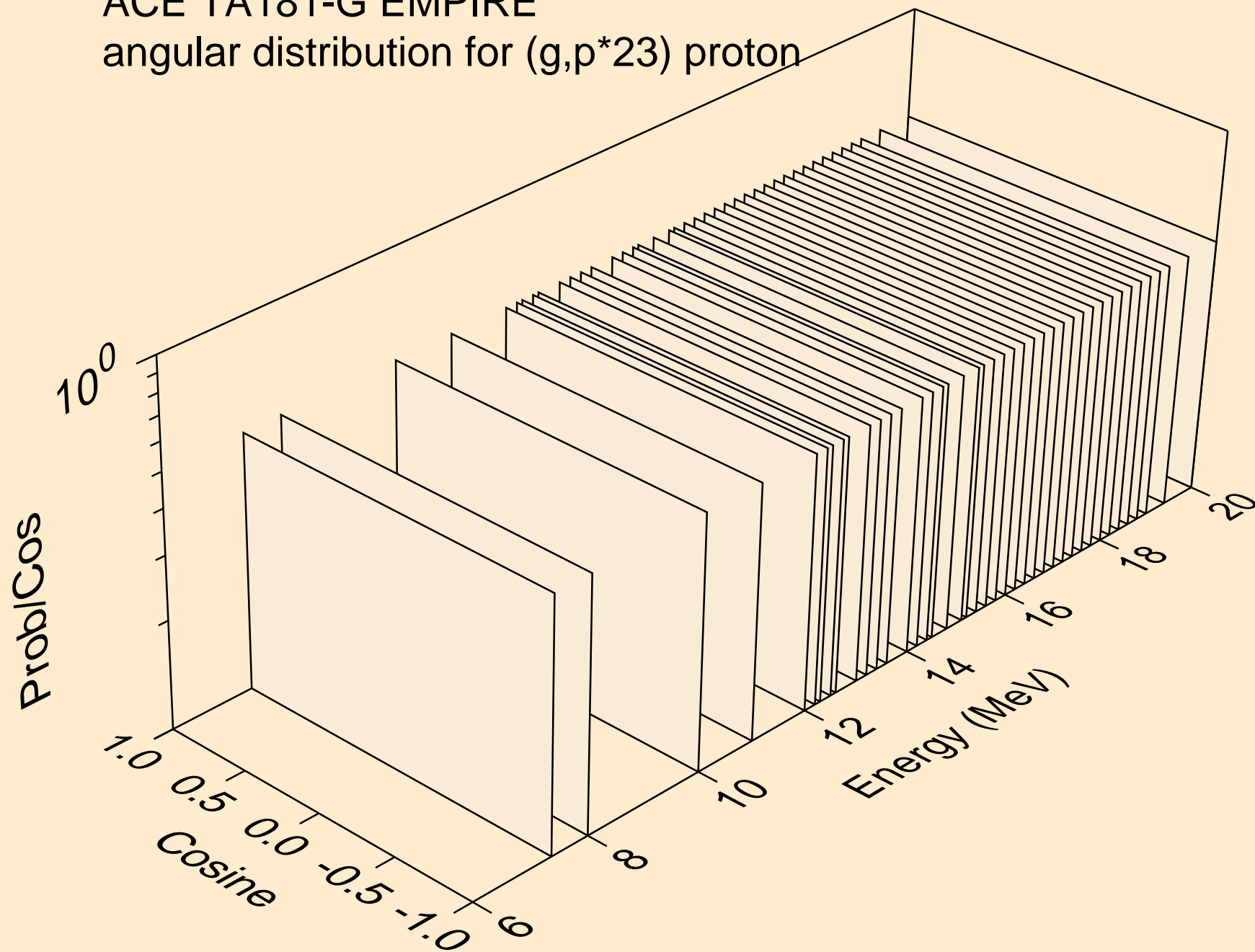
ACE TA181-G EMPIRE
angular distribution for (g,p*22) proton



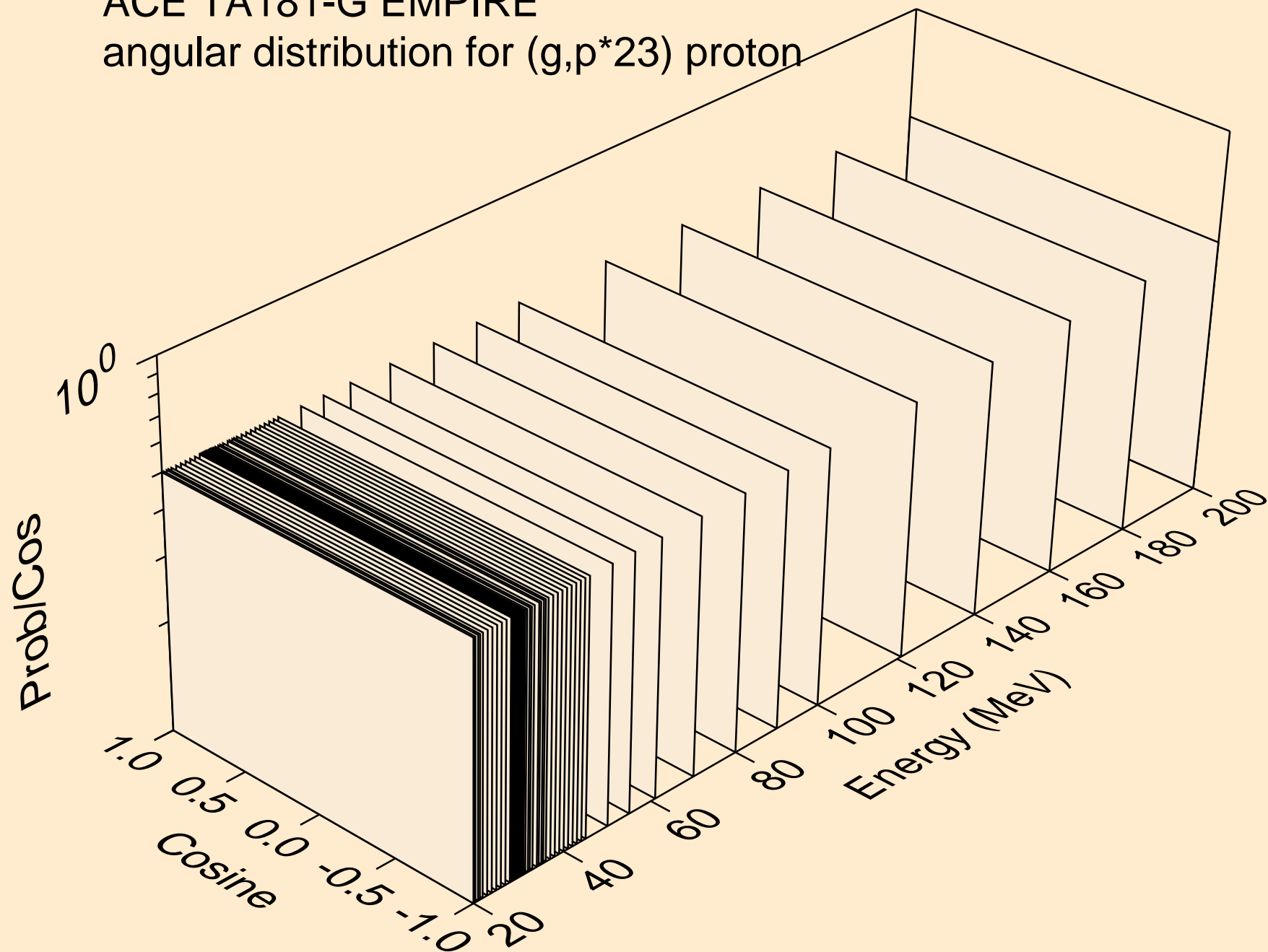
ACE TA181-G EMPIRE
angular distribution for (g,p*22) proton



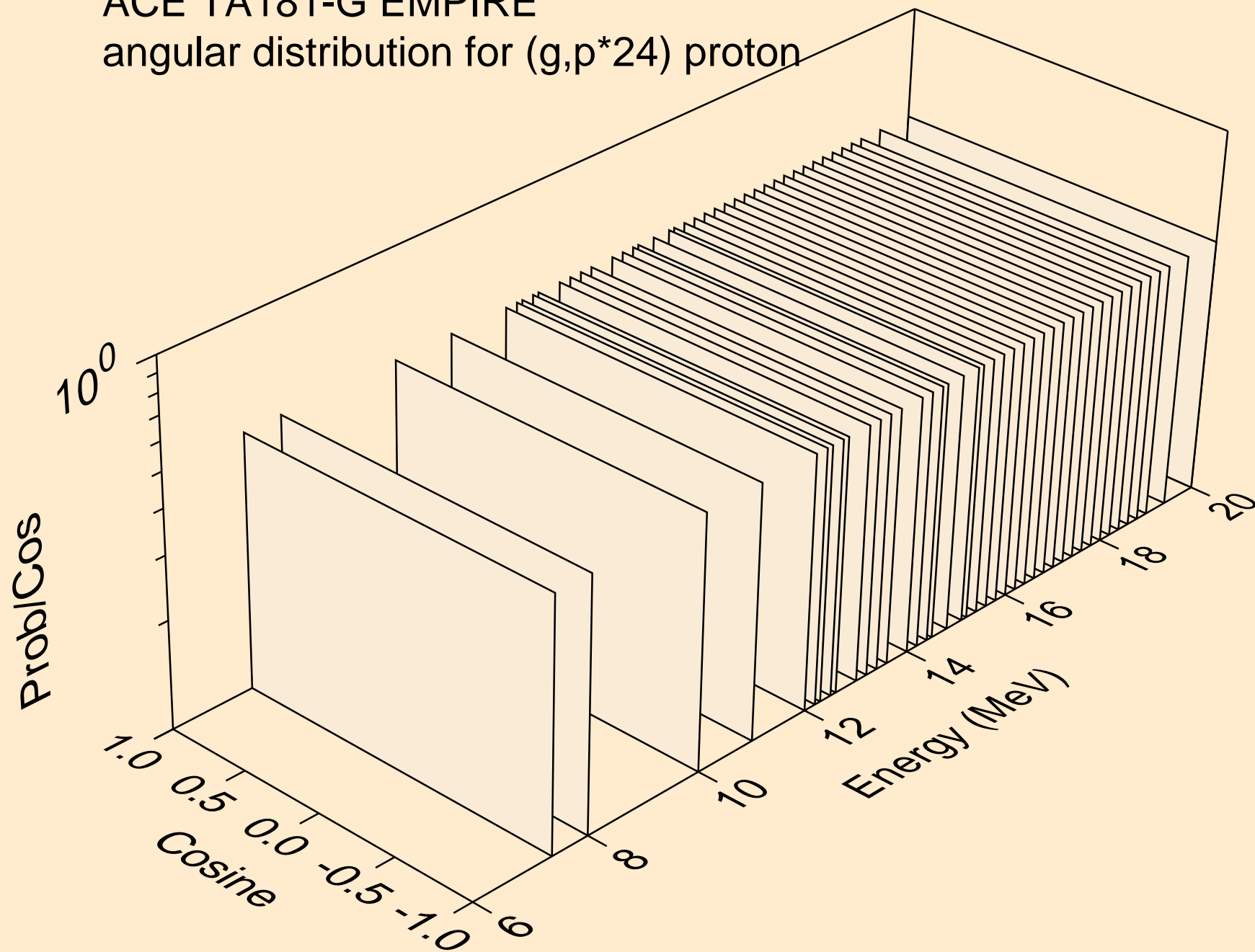
ACE TA181-G EMPIRE
angular distribution for (g,p*23) proton



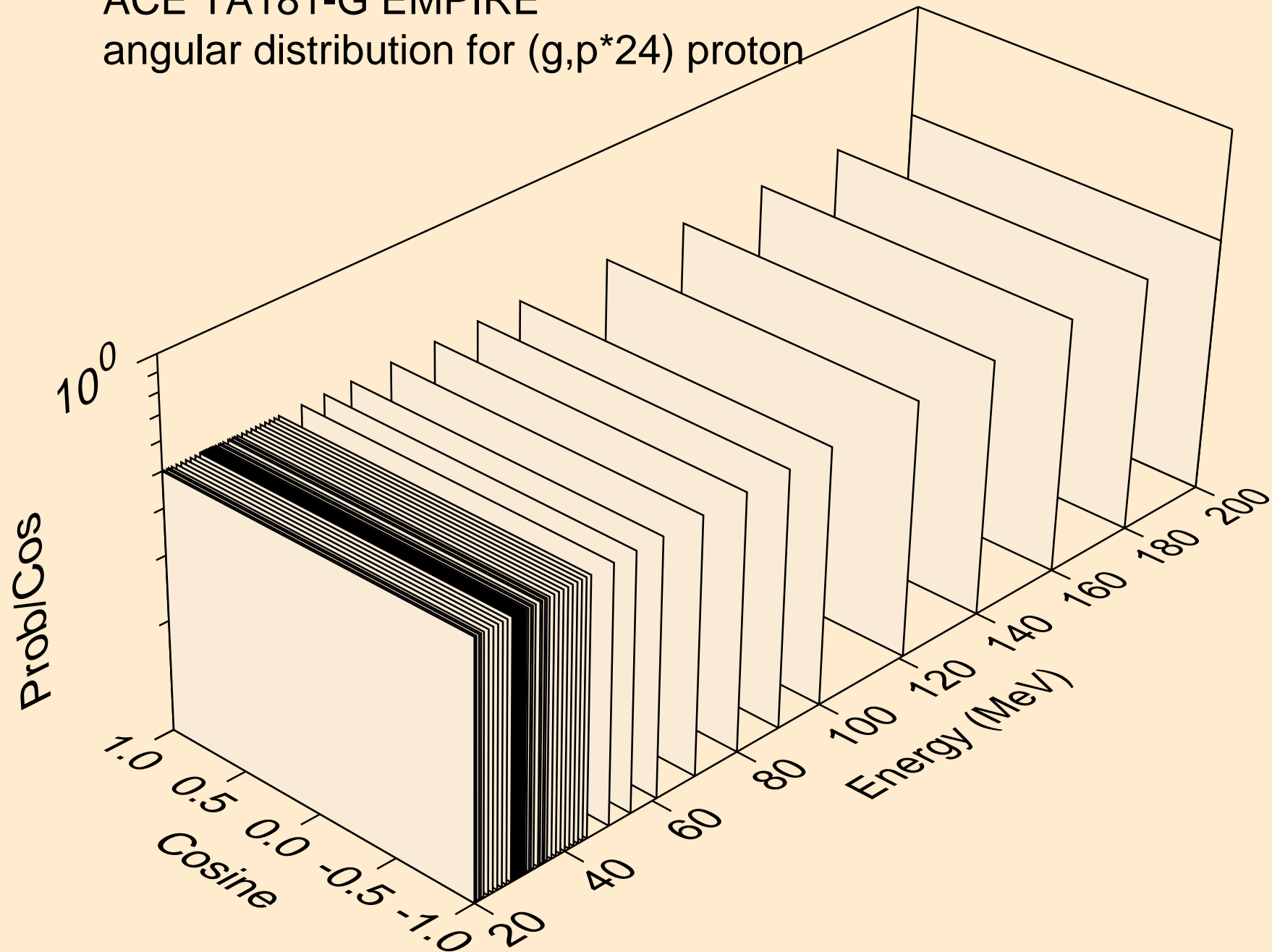
ACE TA181-G EMPIRE
angular distribution for (g,p*23) proton



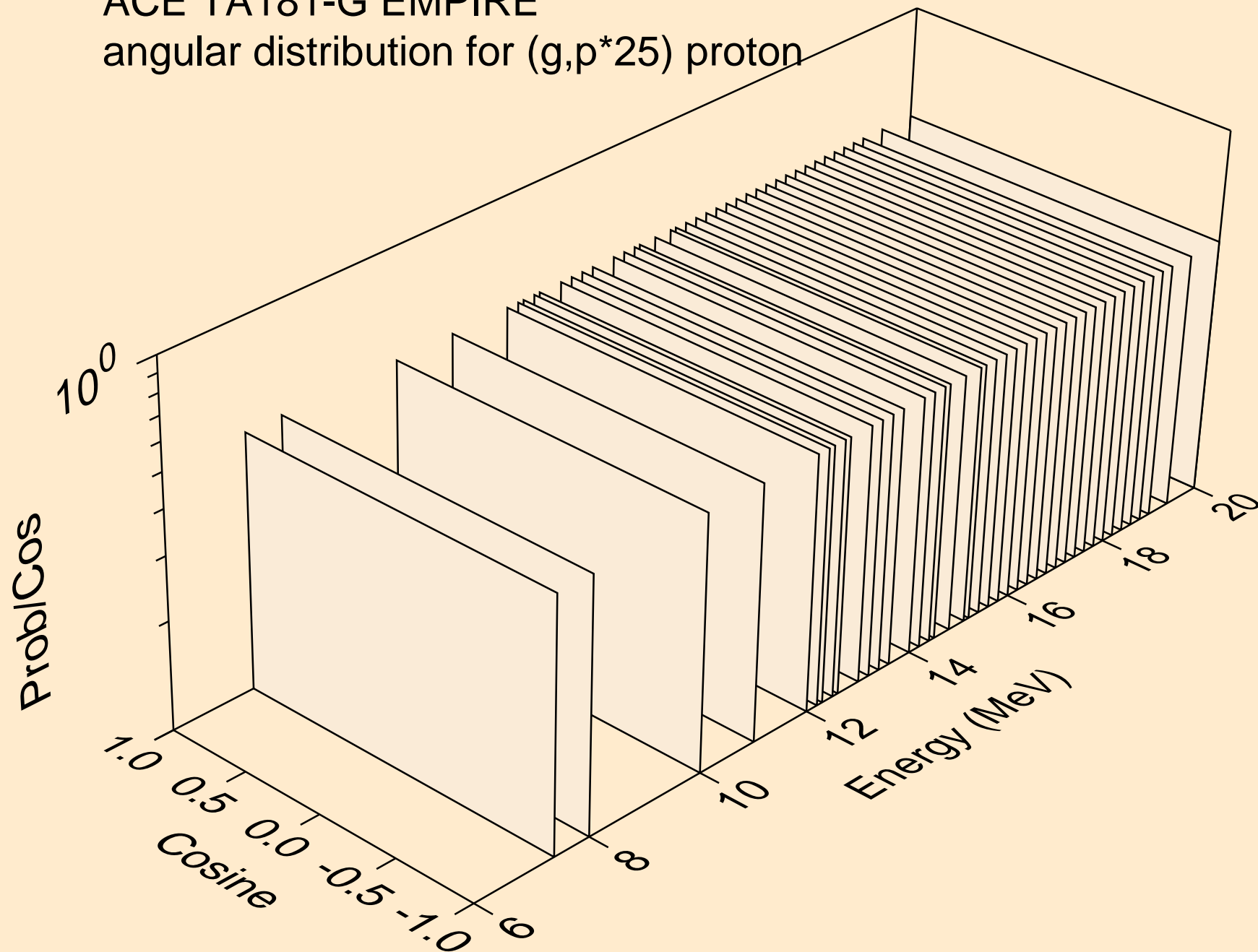
ACE TA181-G EMPIRE
angular distribution for (g,p*24) proton



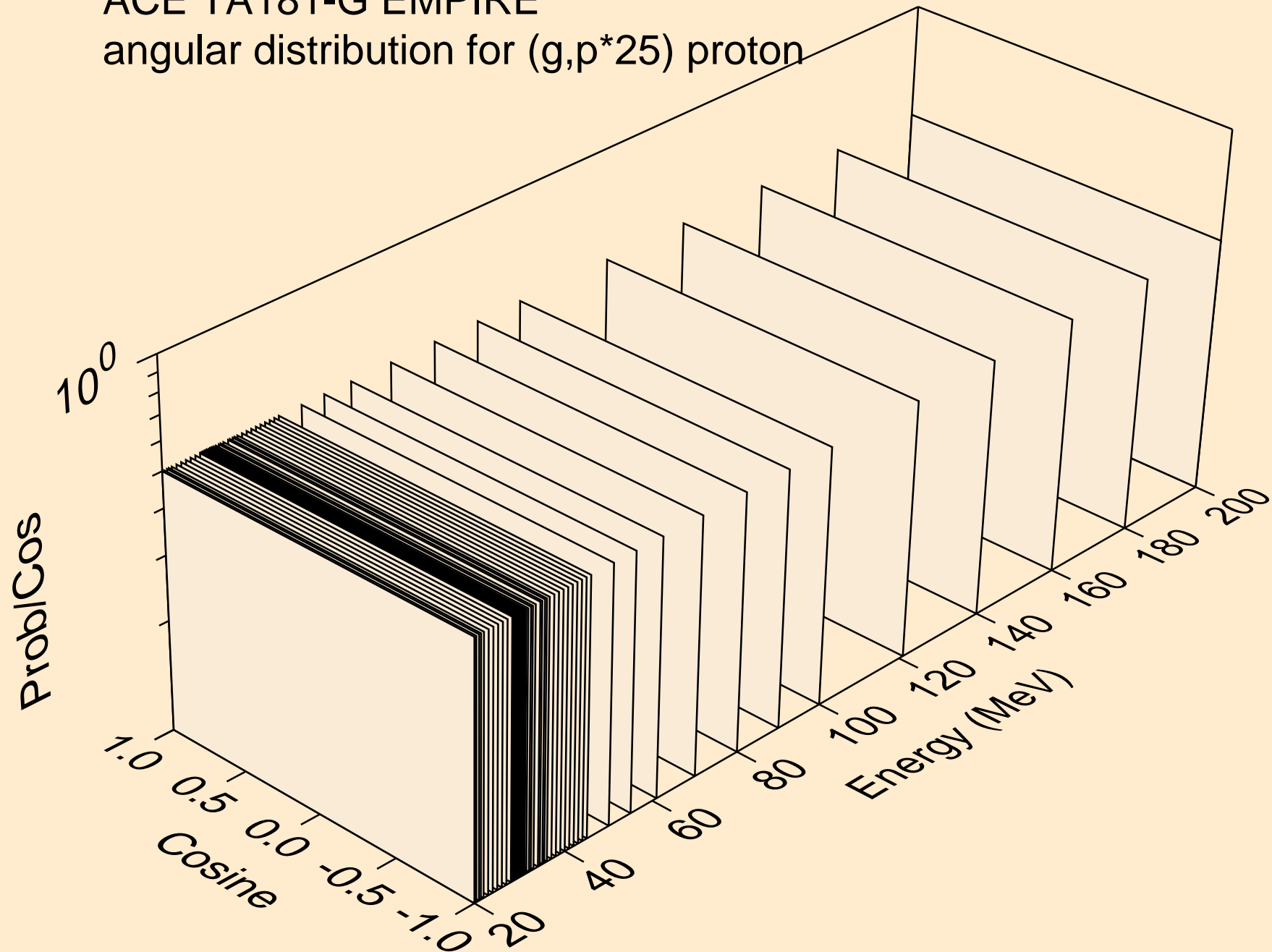
ACE TA181-G EMPIRE
angular distribution for (g,p*24) proton



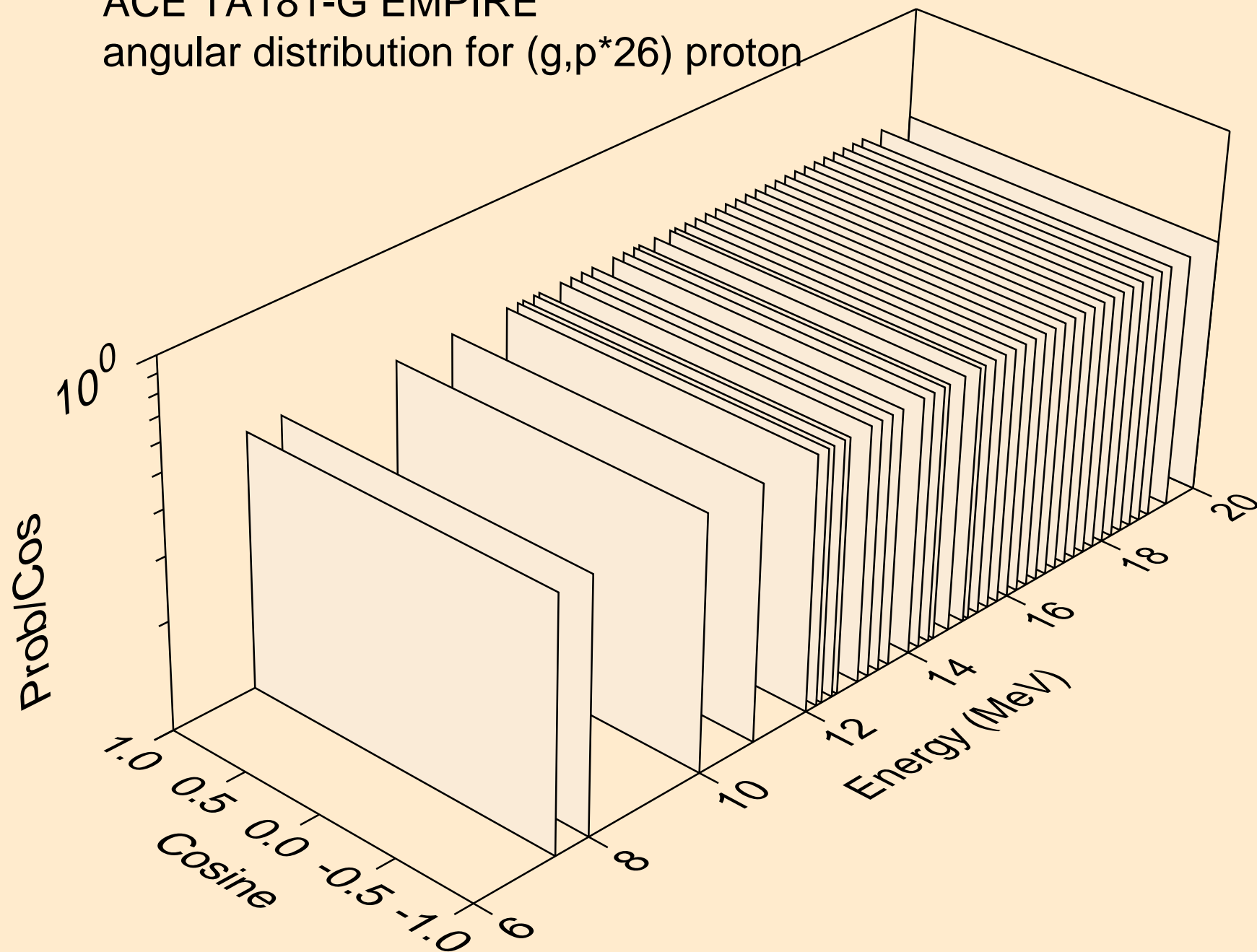
ACE TA181-G EMPIRE
angular distribution for (g,p*25) proton



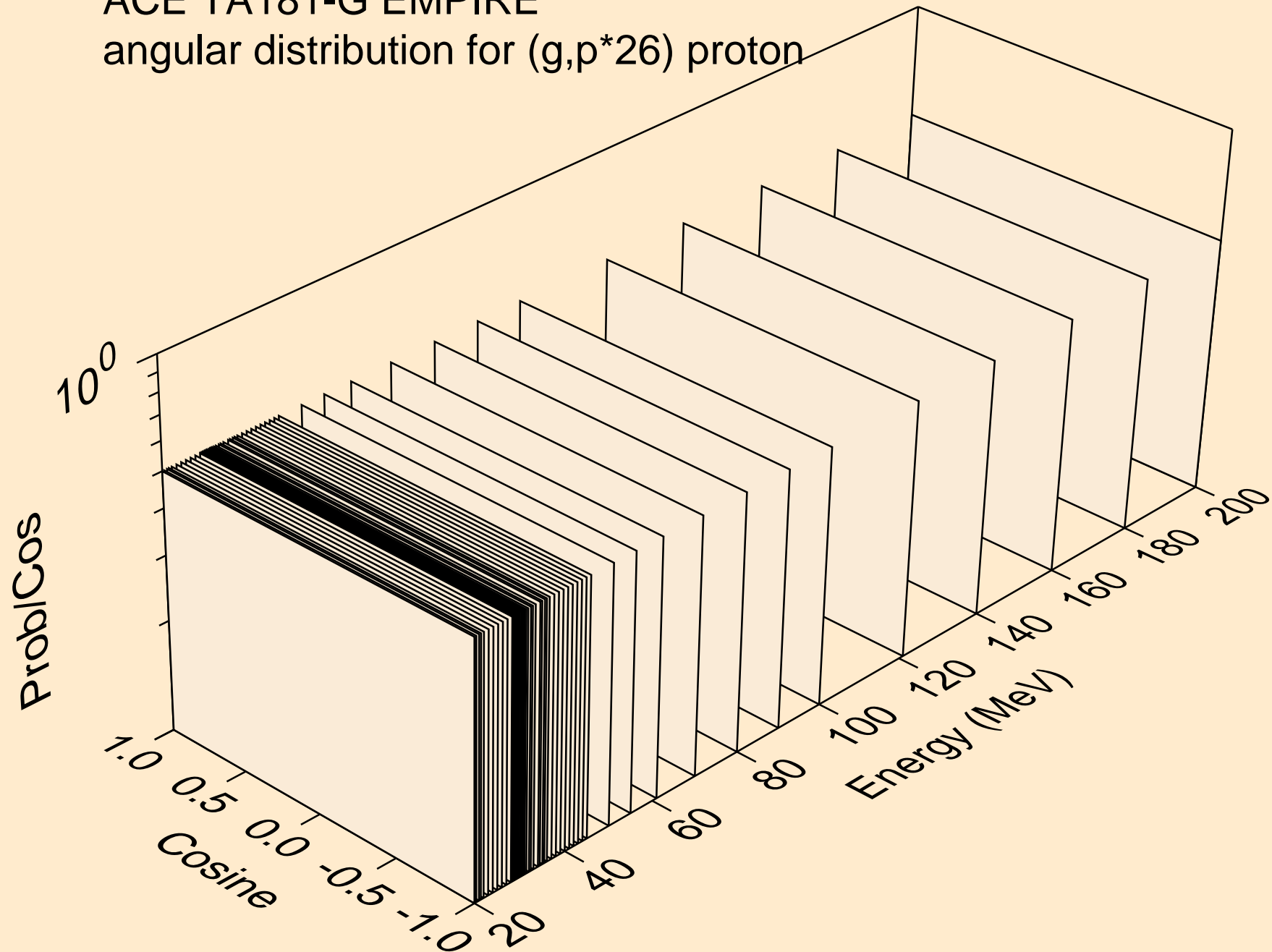
ACE TA181-G EMPIRE
angular distribution for (g,p*25) proton



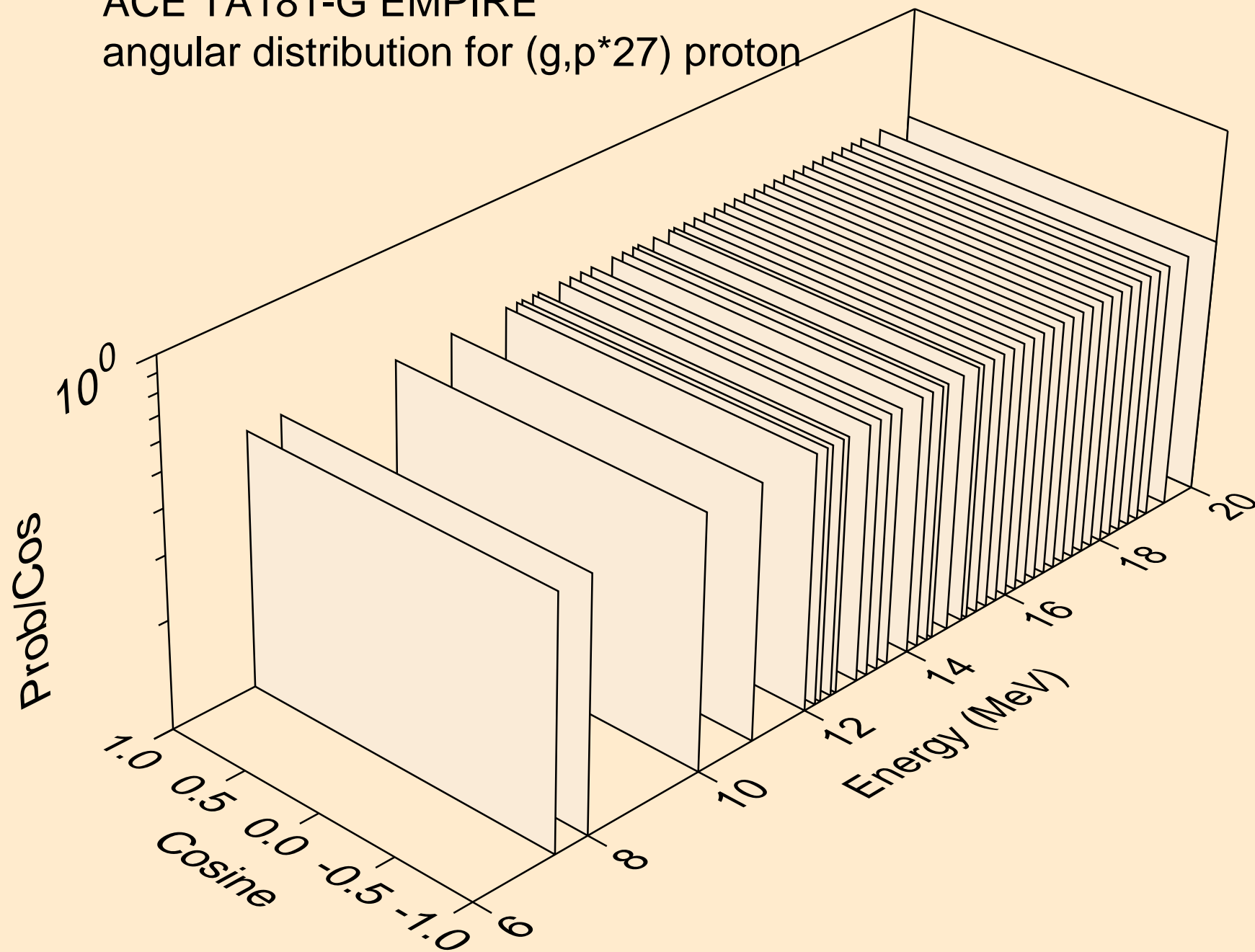
ACE TA181-G EMPIRE
angular distribution for (g,p*26) proton



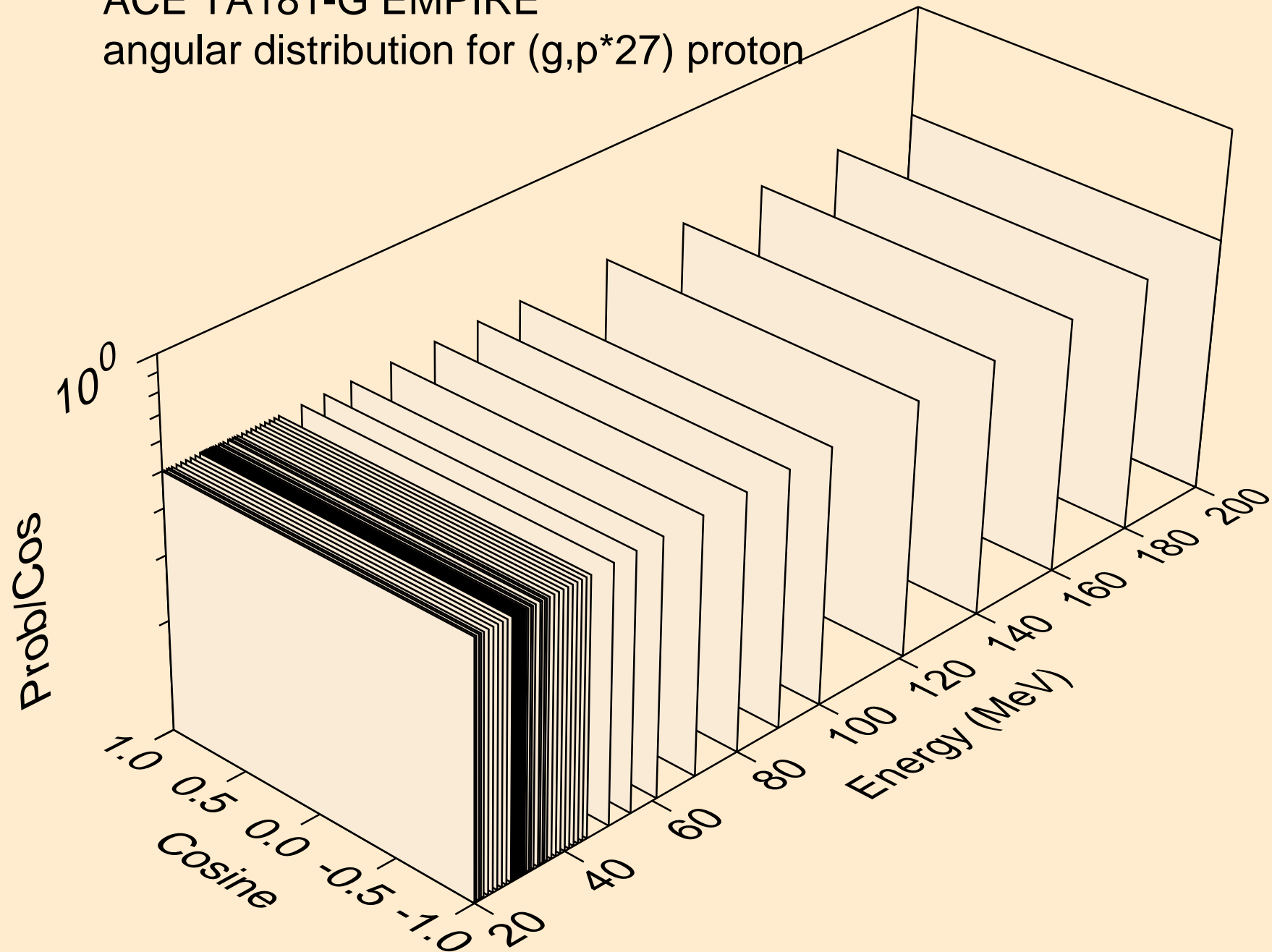
ACE TA181-G EMPIRE
angular distribution for (g,p*26) proton



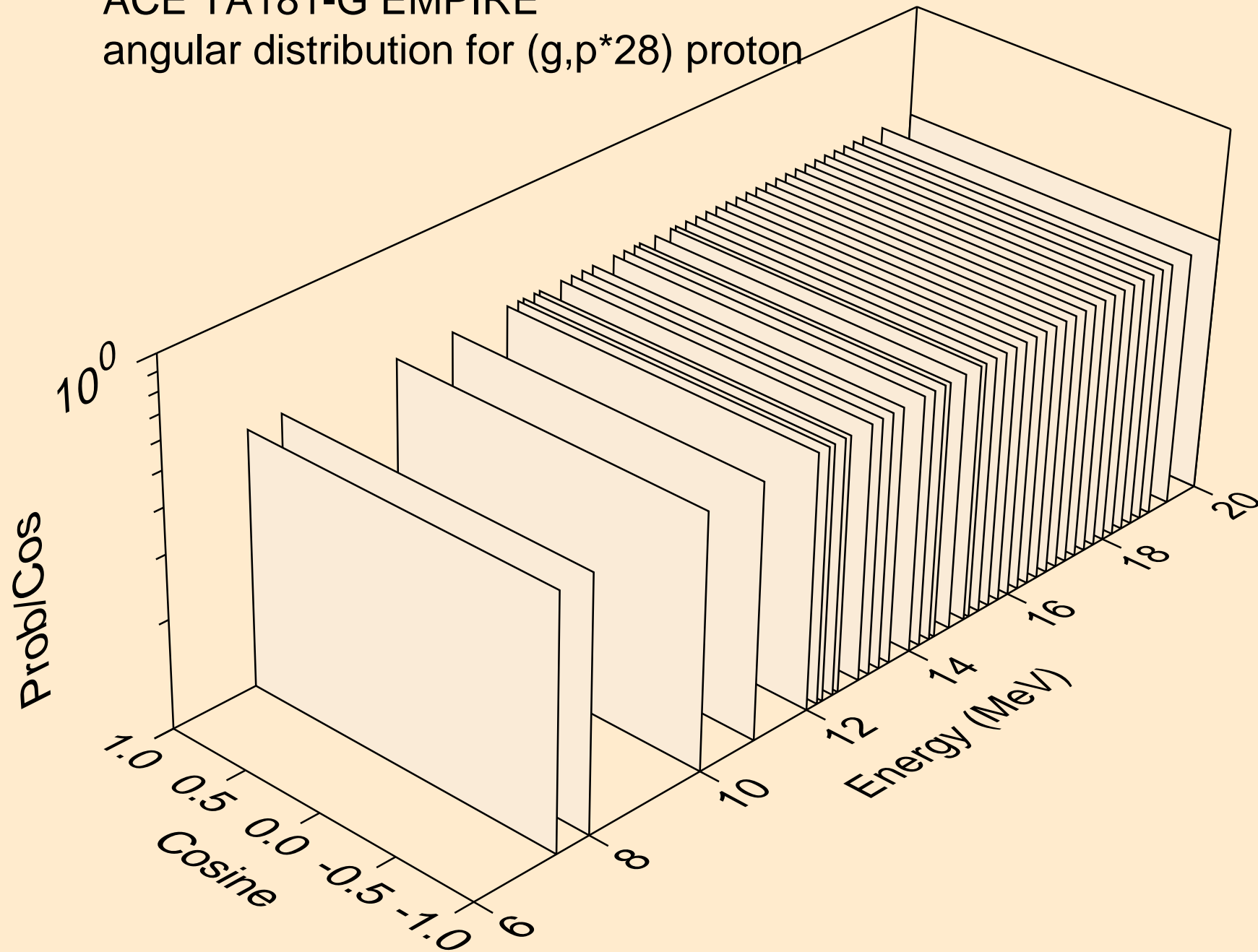
ACE TA181-G EMPIRE
angular distribution for (g,p*27) proton



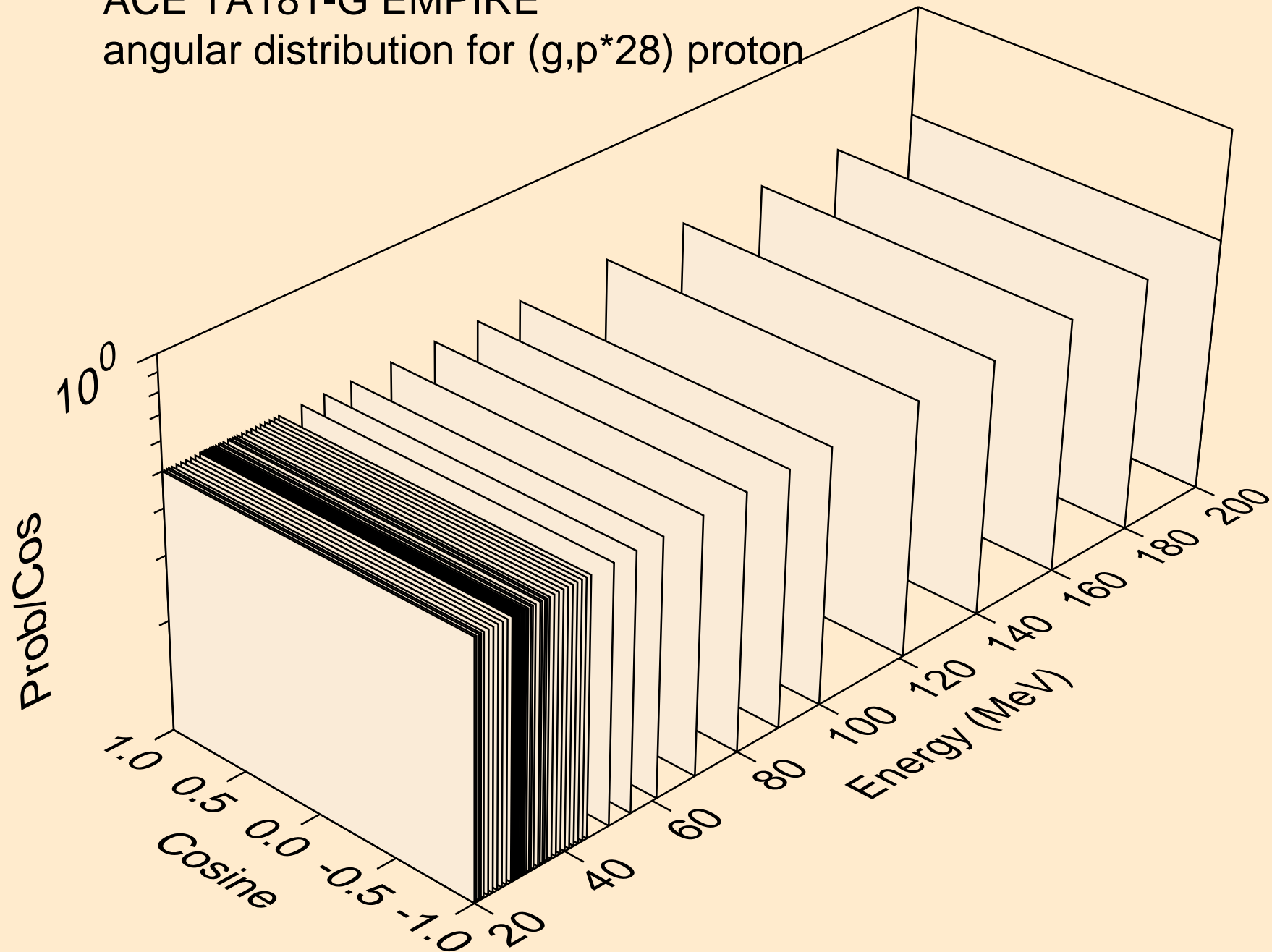
ACE TA181-G EMPIRE
angular distribution for (g,p*27) proton



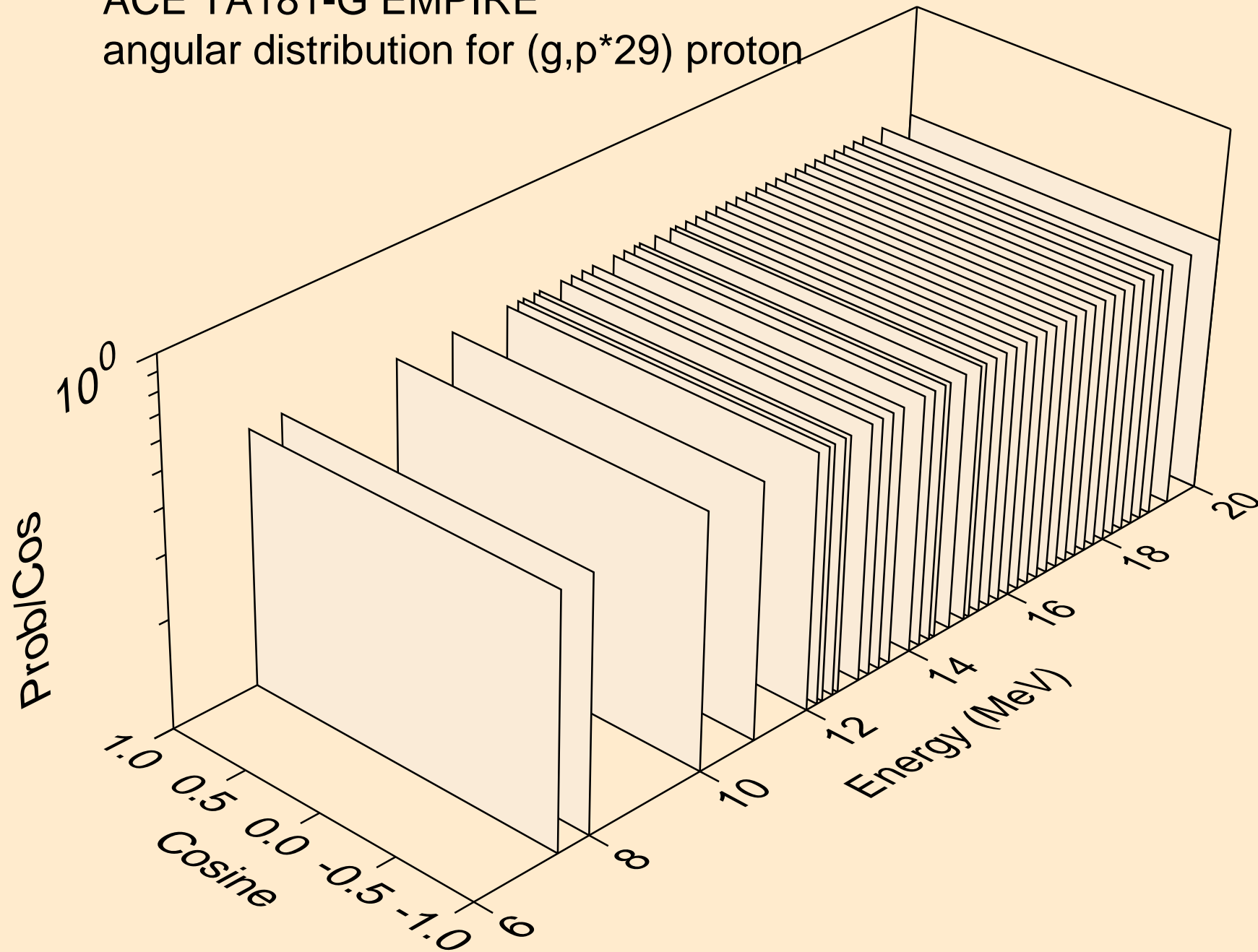
ACE TA181-G EMPIRE
angular distribution for (g,p*28) proton



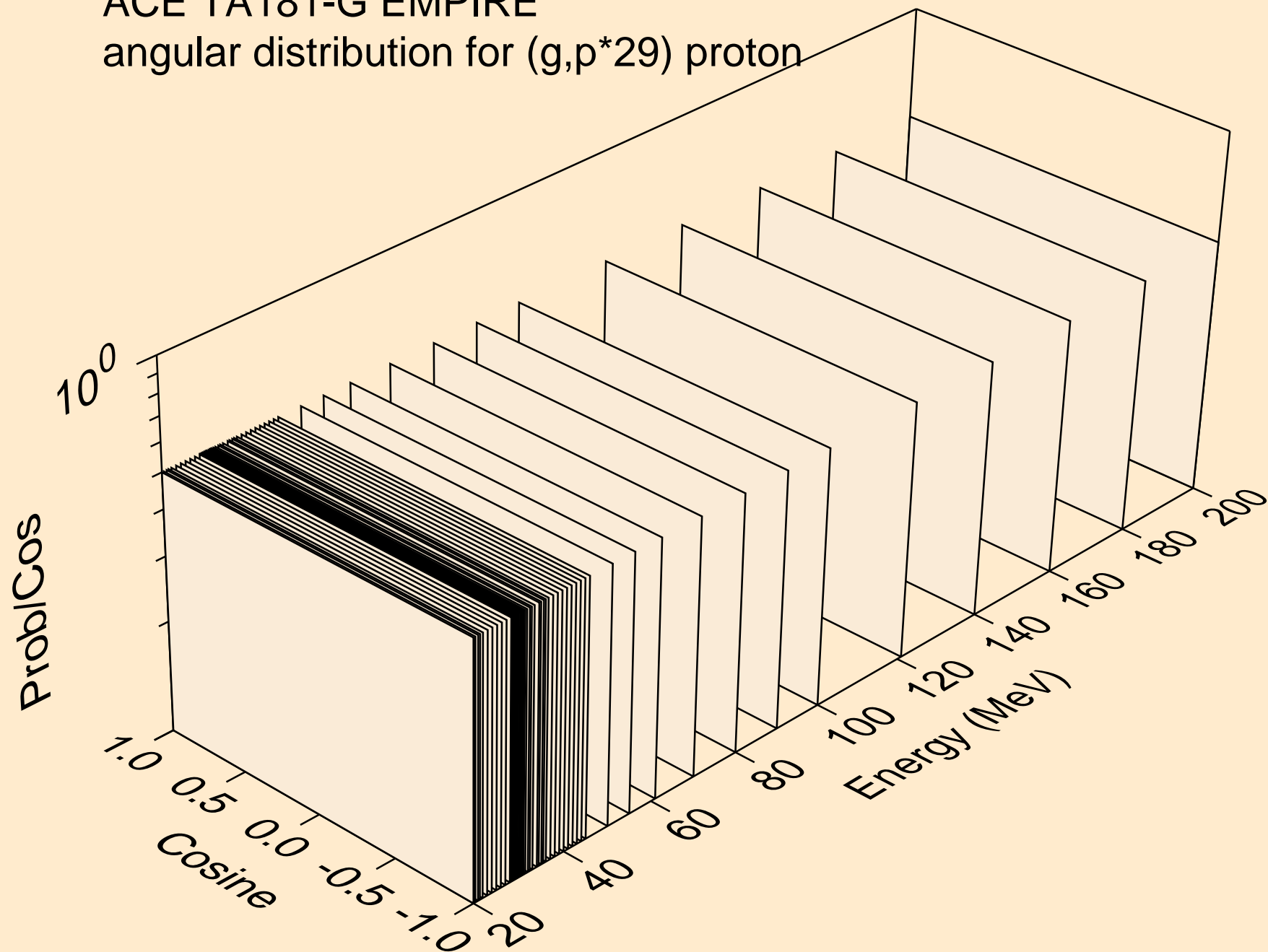
ACE TA181-G EMPIRE
angular distribution for (g,p*28) proton



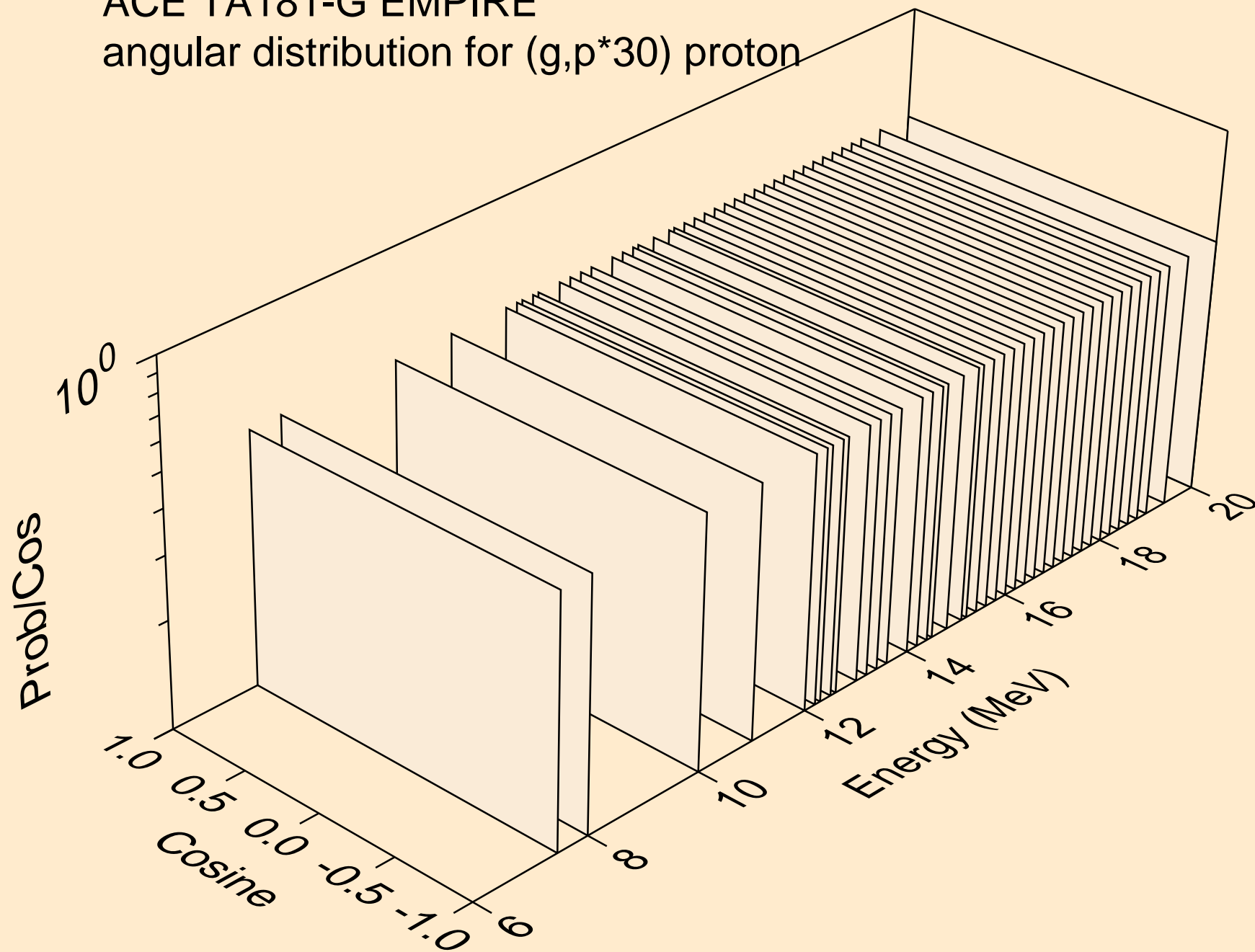
ACE TA181-G EMPIRE
angular distribution for (g,p*29) proton



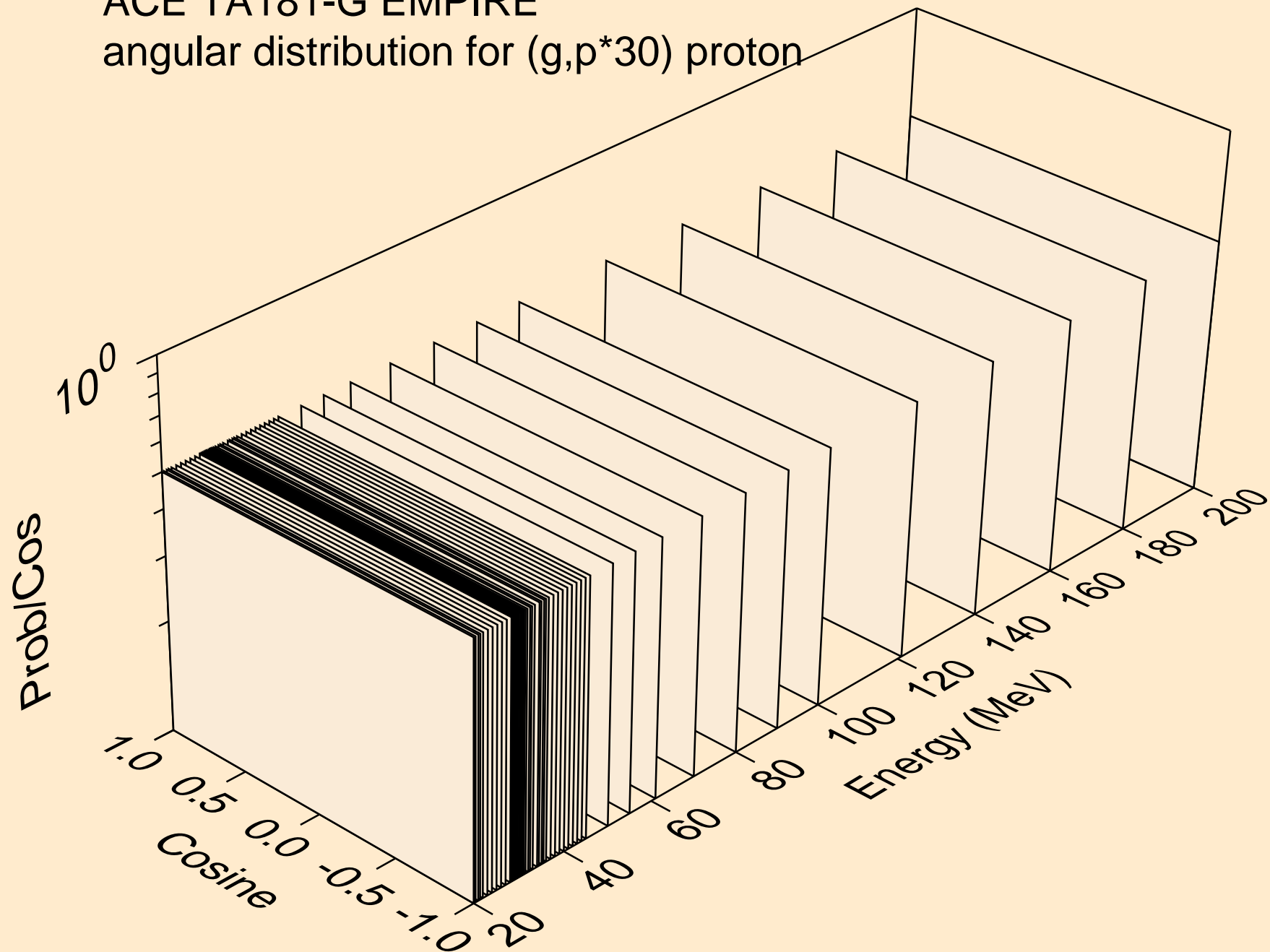
ACE TA181-G EMPIRE
angular distribution for (g,p*29) proton



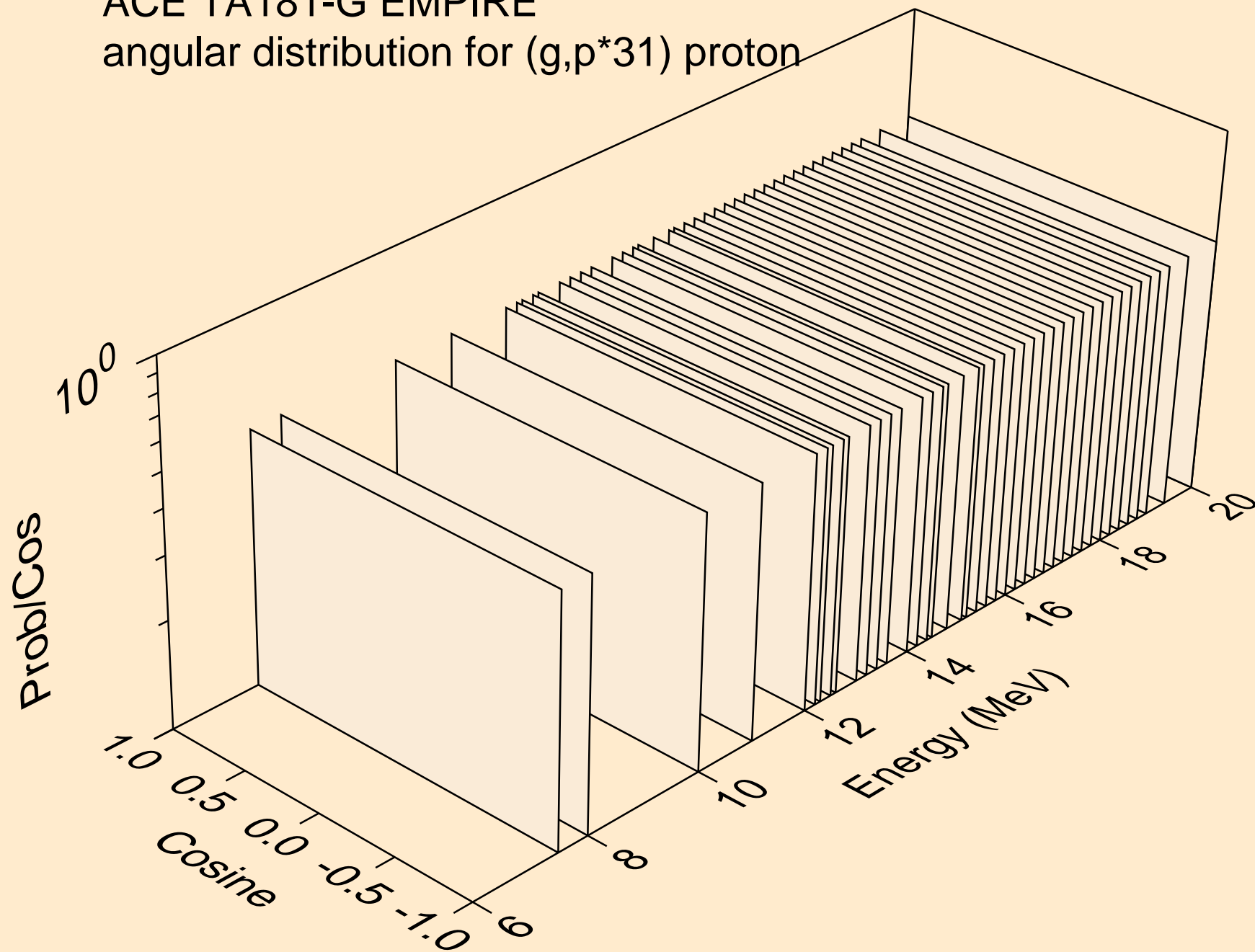
ACE TA181-G EMPIRE
angular distribution for (g,p*30) proton



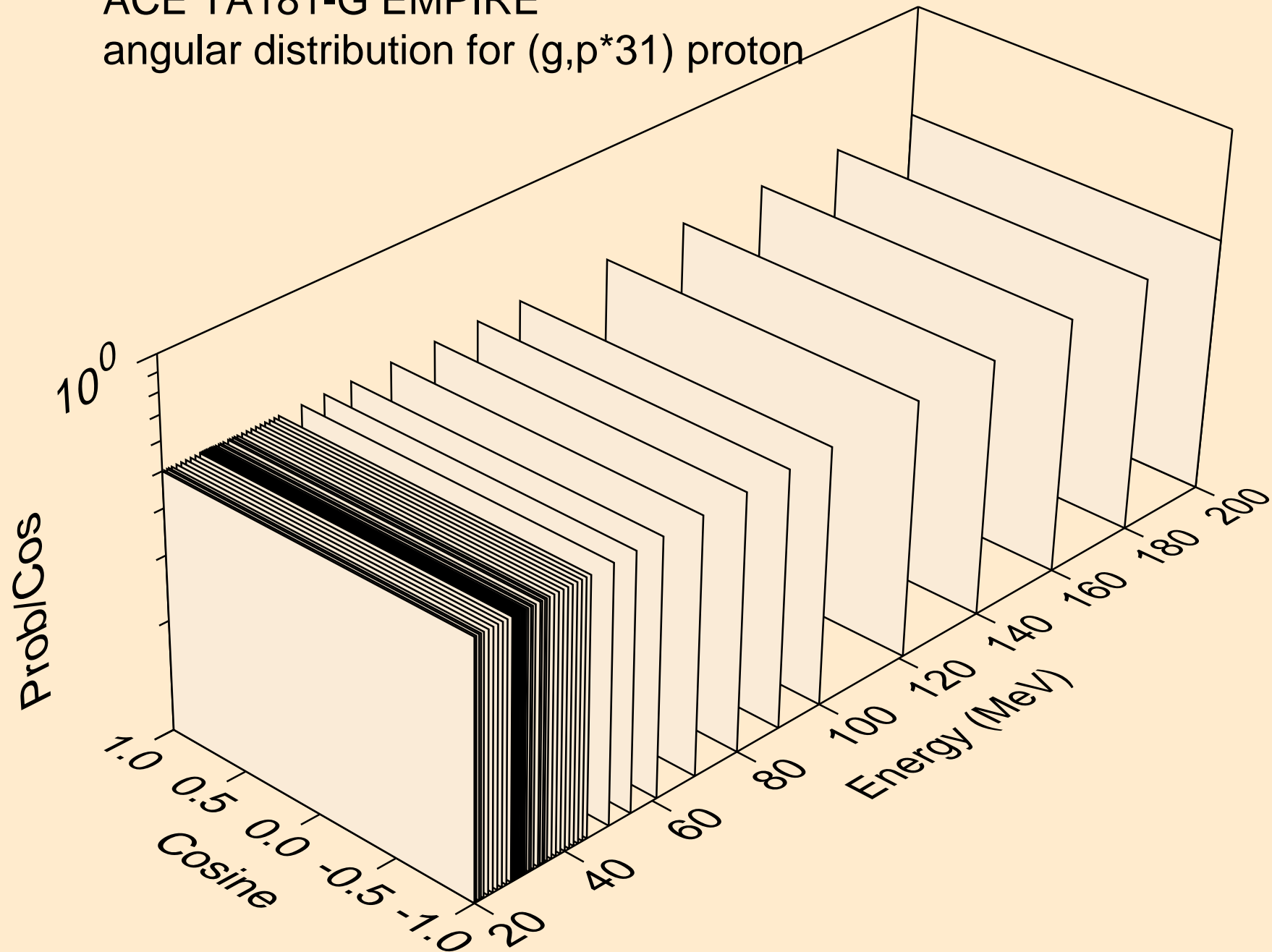
ACE TA181-G EMPIRE
angular distribution for (g,p*30) proton



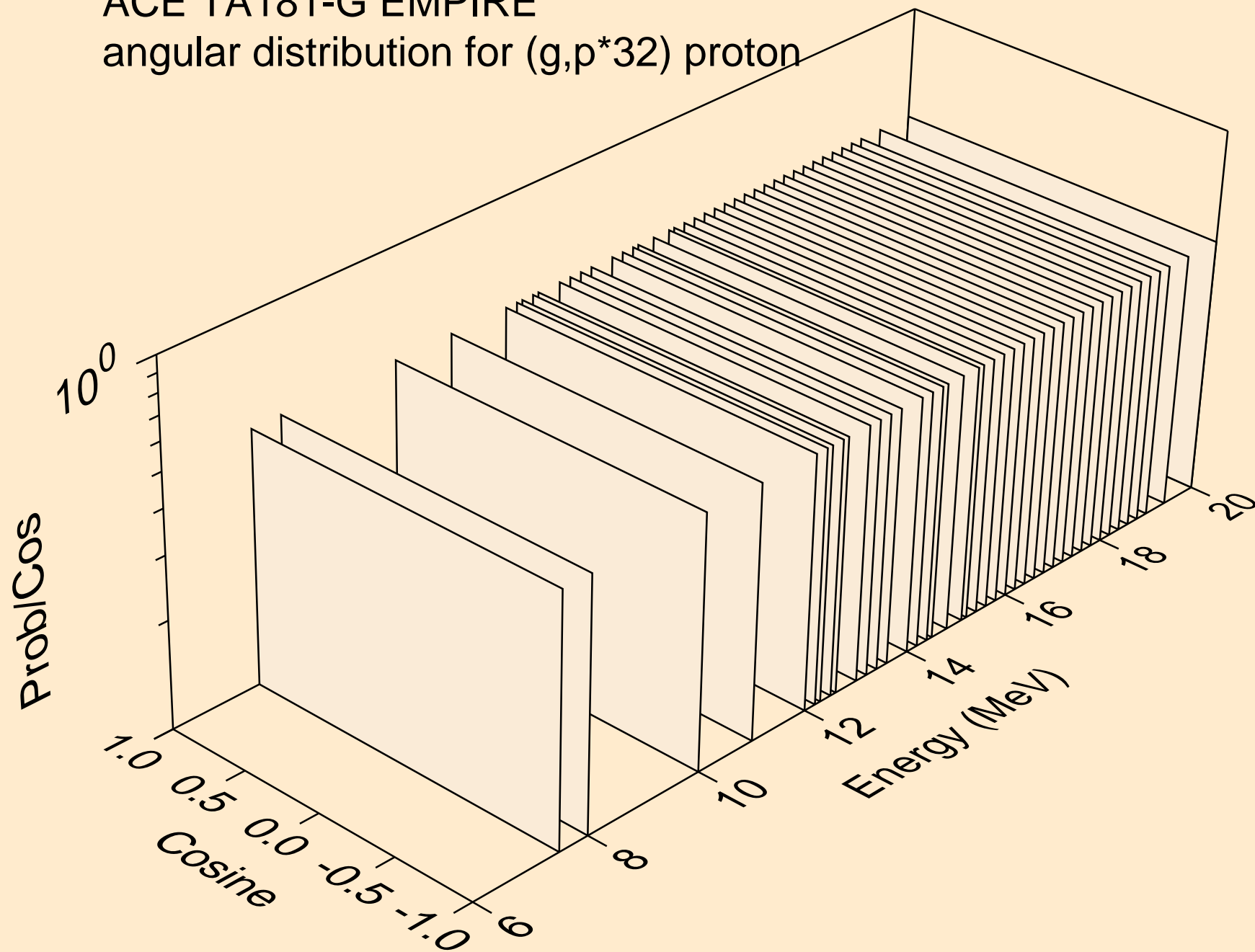
ACE TA181-G EMPIRE
angular distribution for (g,p*31) proton



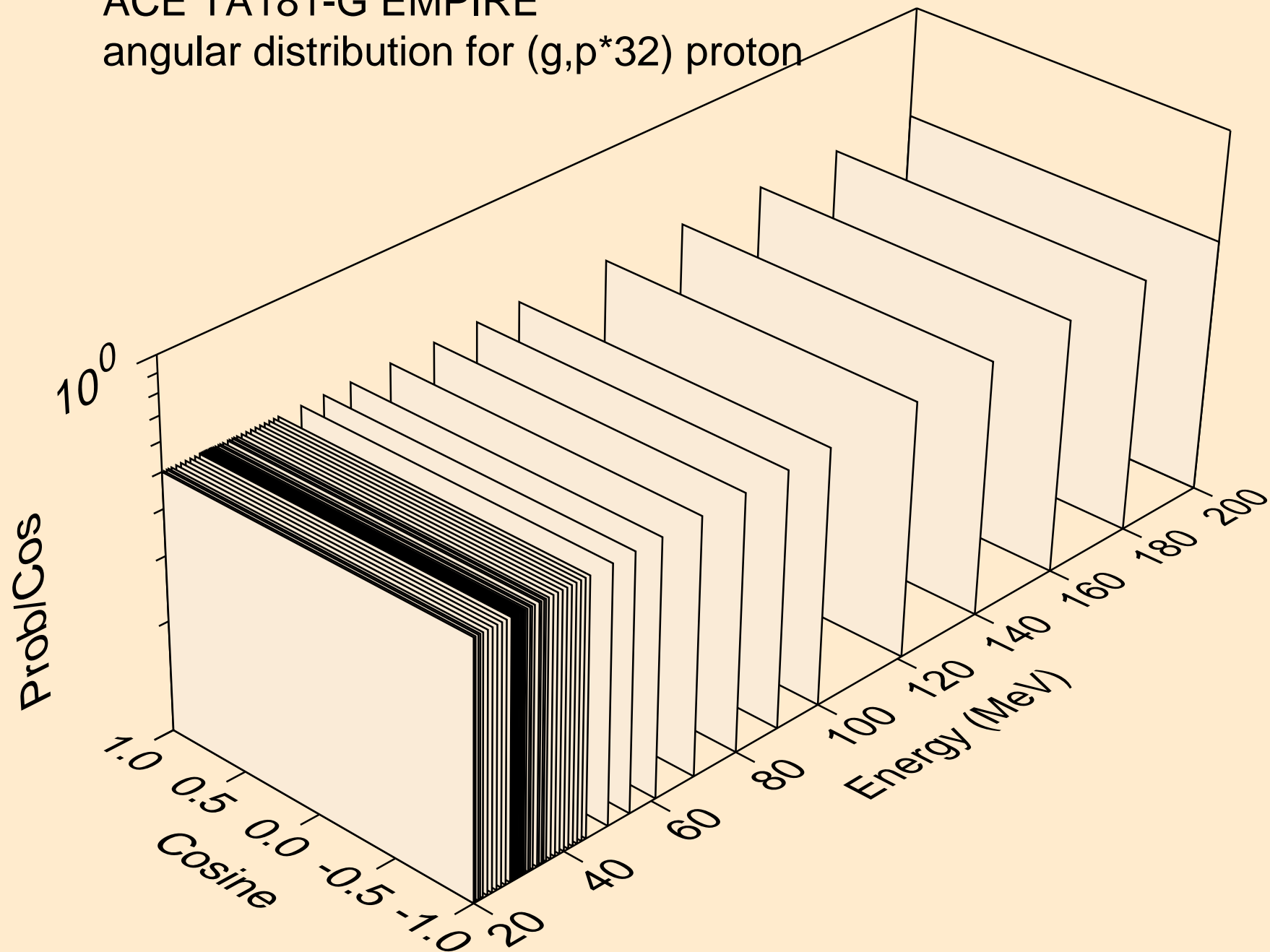
ACE TA181-G EMPIRE
angular distribution for (g,p*31) proton



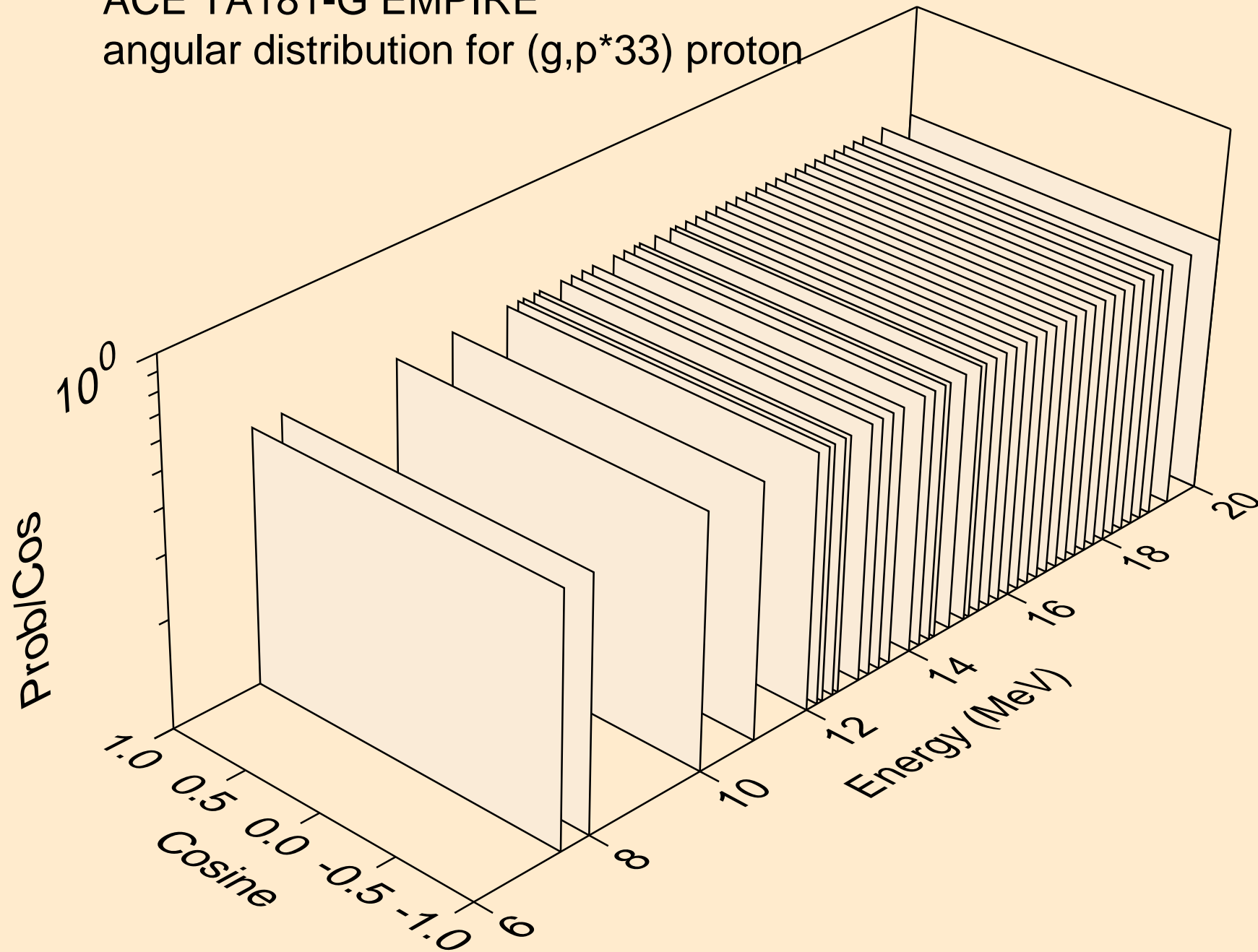
ACE TA181-G EMPIRE
angular distribution for (g,p*32) proton



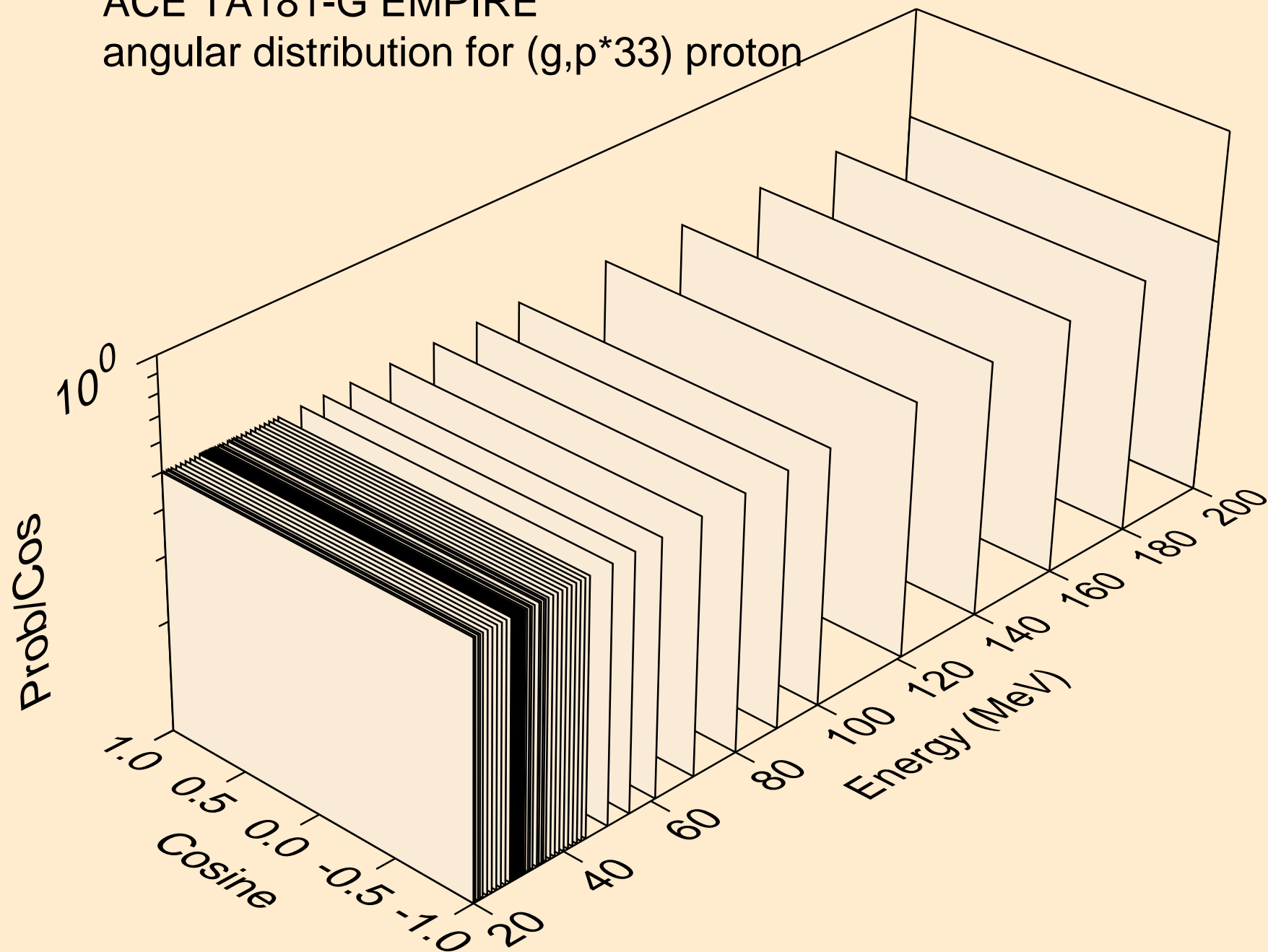
ACE TA181-G EMPIRE
angular distribution for (g,p*32) proton



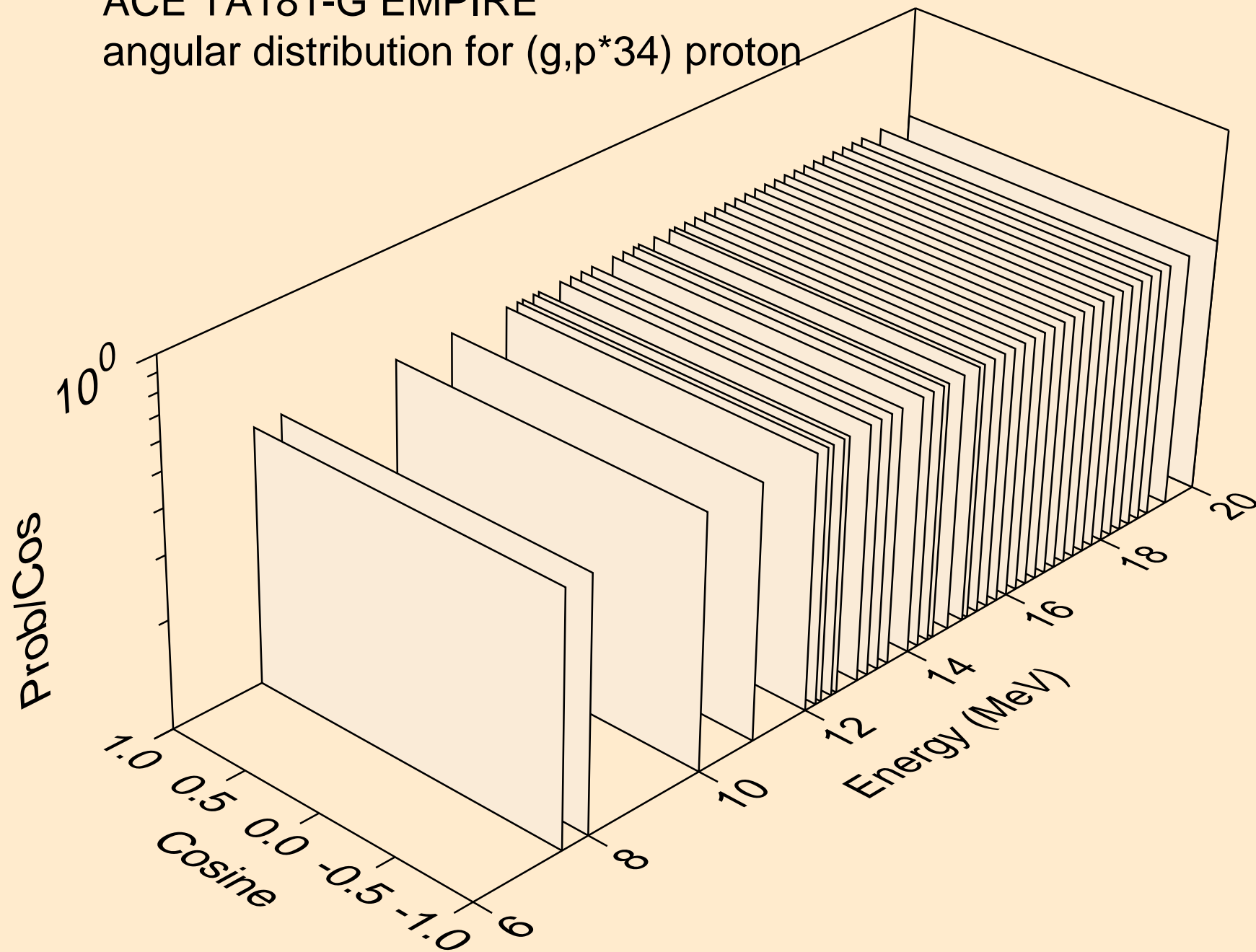
ACE TA181-G EMPIRE
angular distribution for (g,p*33) proton



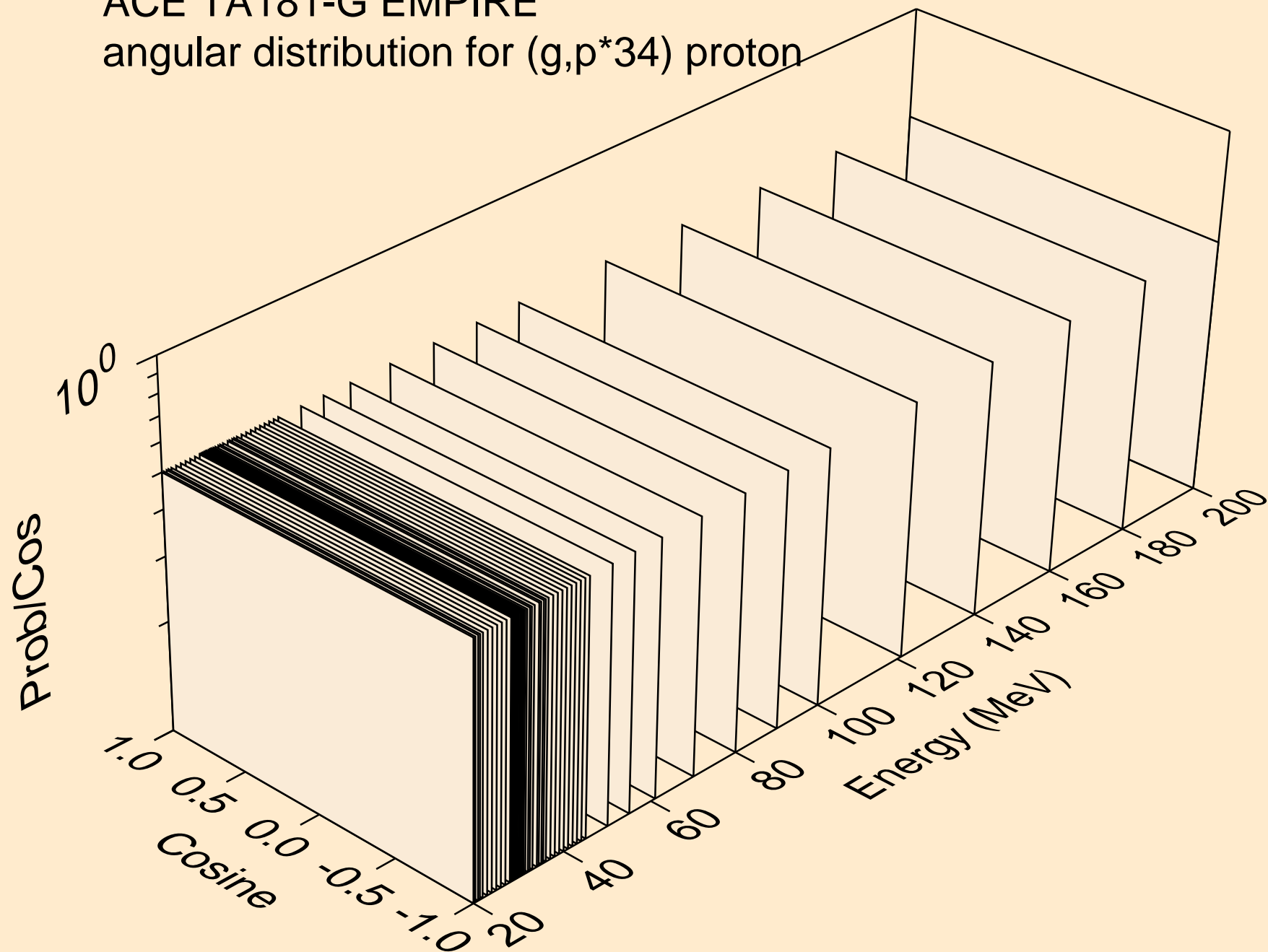
ACE TA181-G EMPIRE
angular distribution for (g,p*33) proton



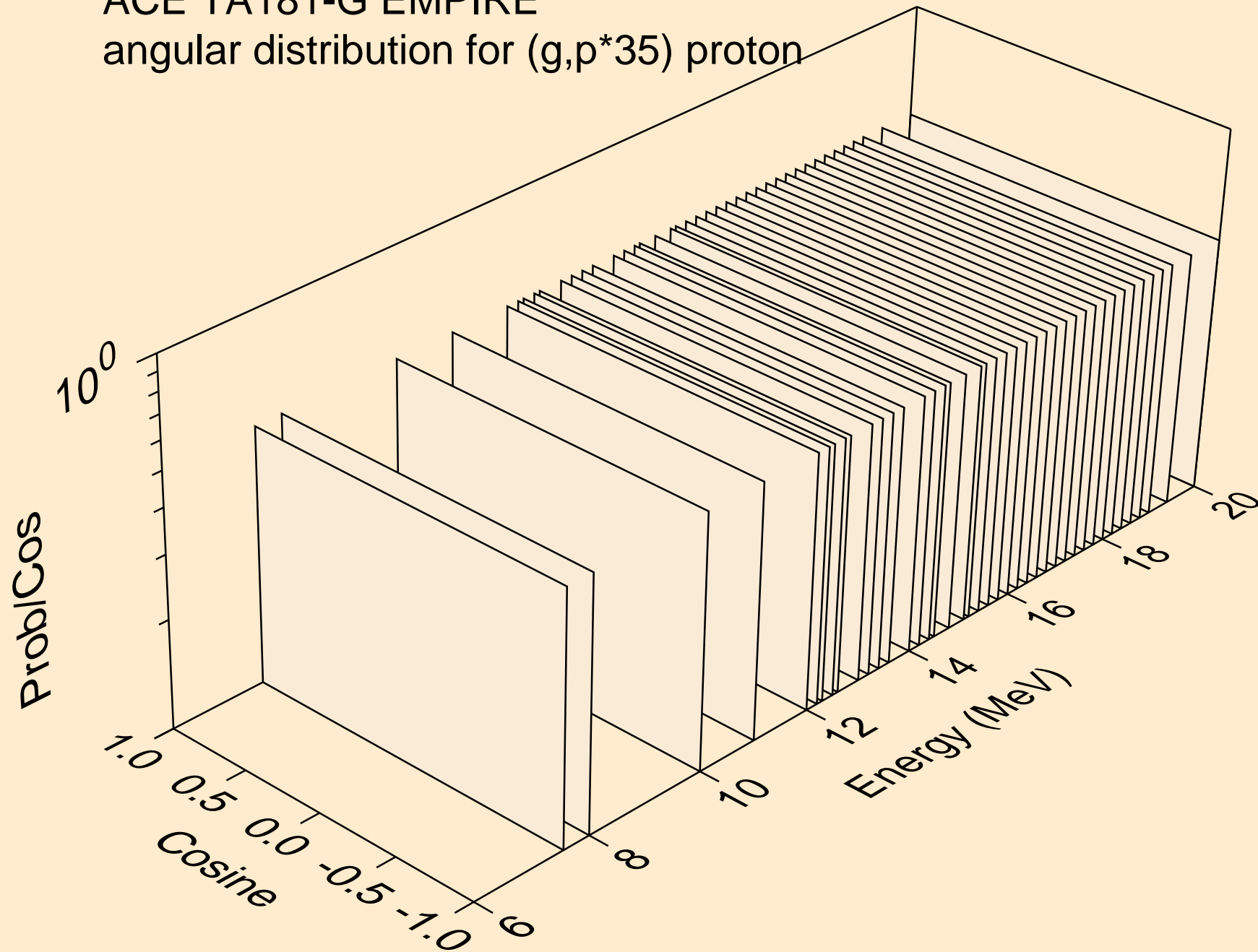
ACE TA181-G EMPIRE
angular distribution for (g,p*34) proton



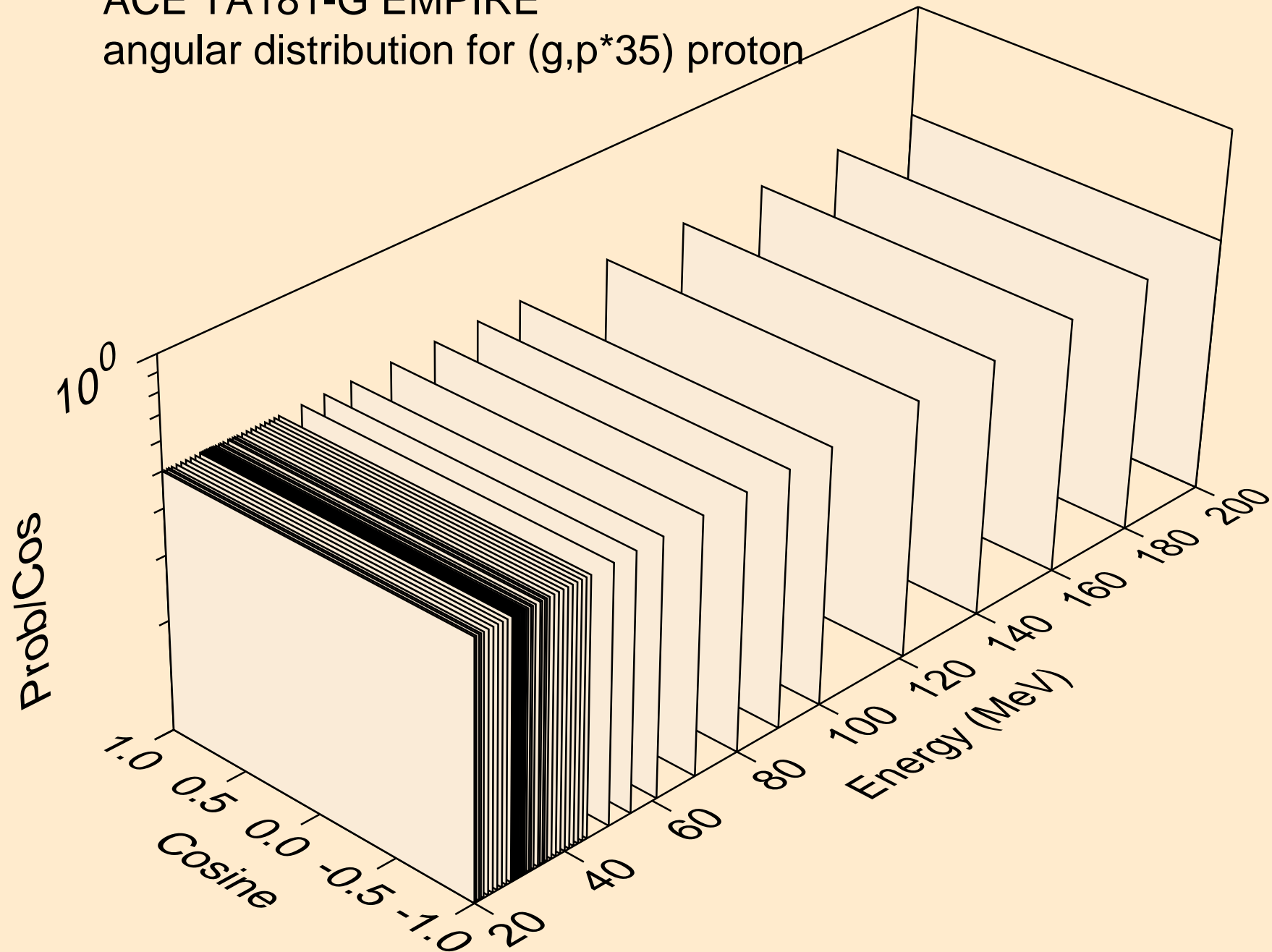
ACE TA181-G EMPIRE
angular distribution for (g,p*34) proton



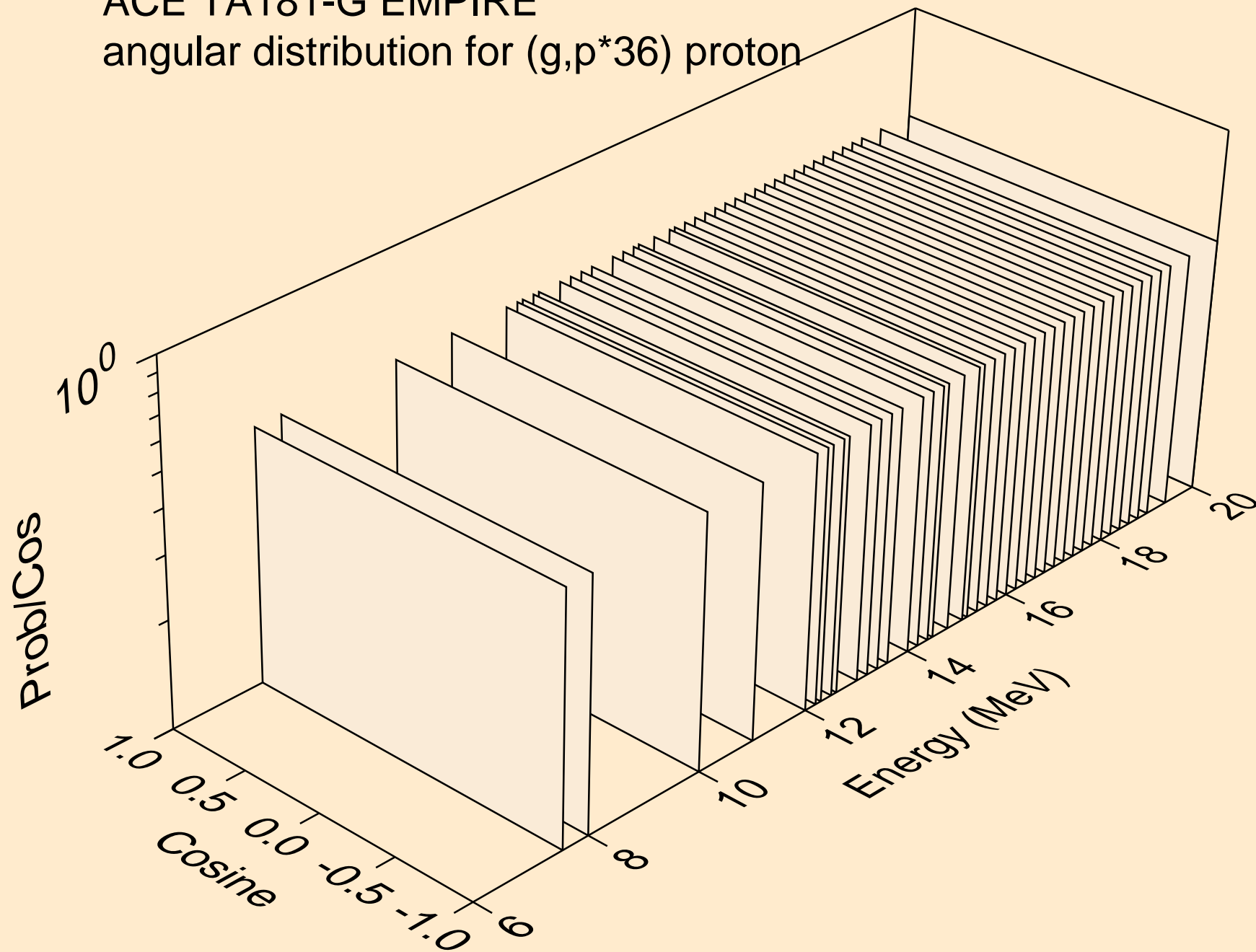
ACE TA181-G EMPIRE
angular distribution for (g,p*35) proton



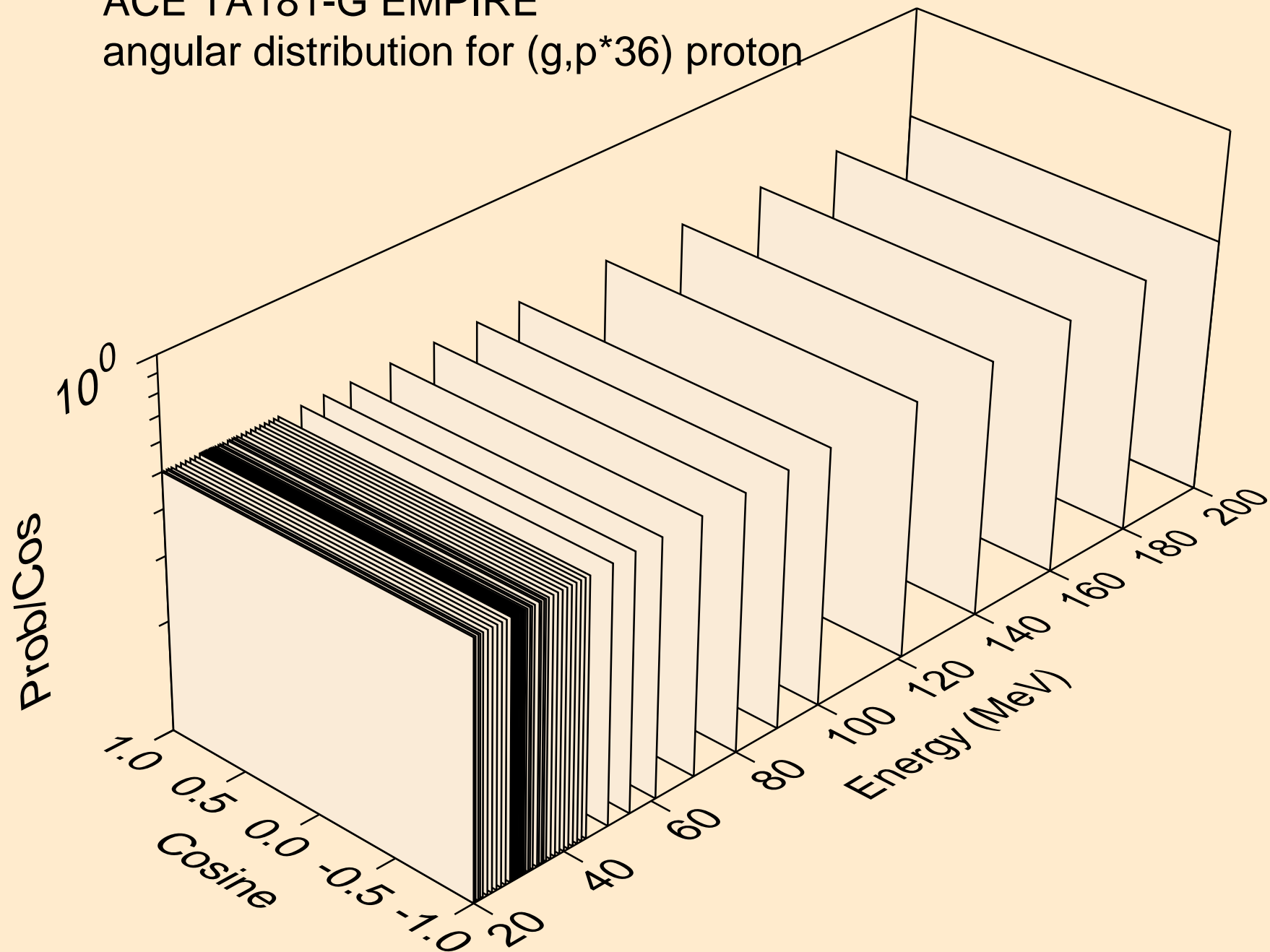
ACE TA181-G EMPIRE
angular distribution for (g,p*35) proton



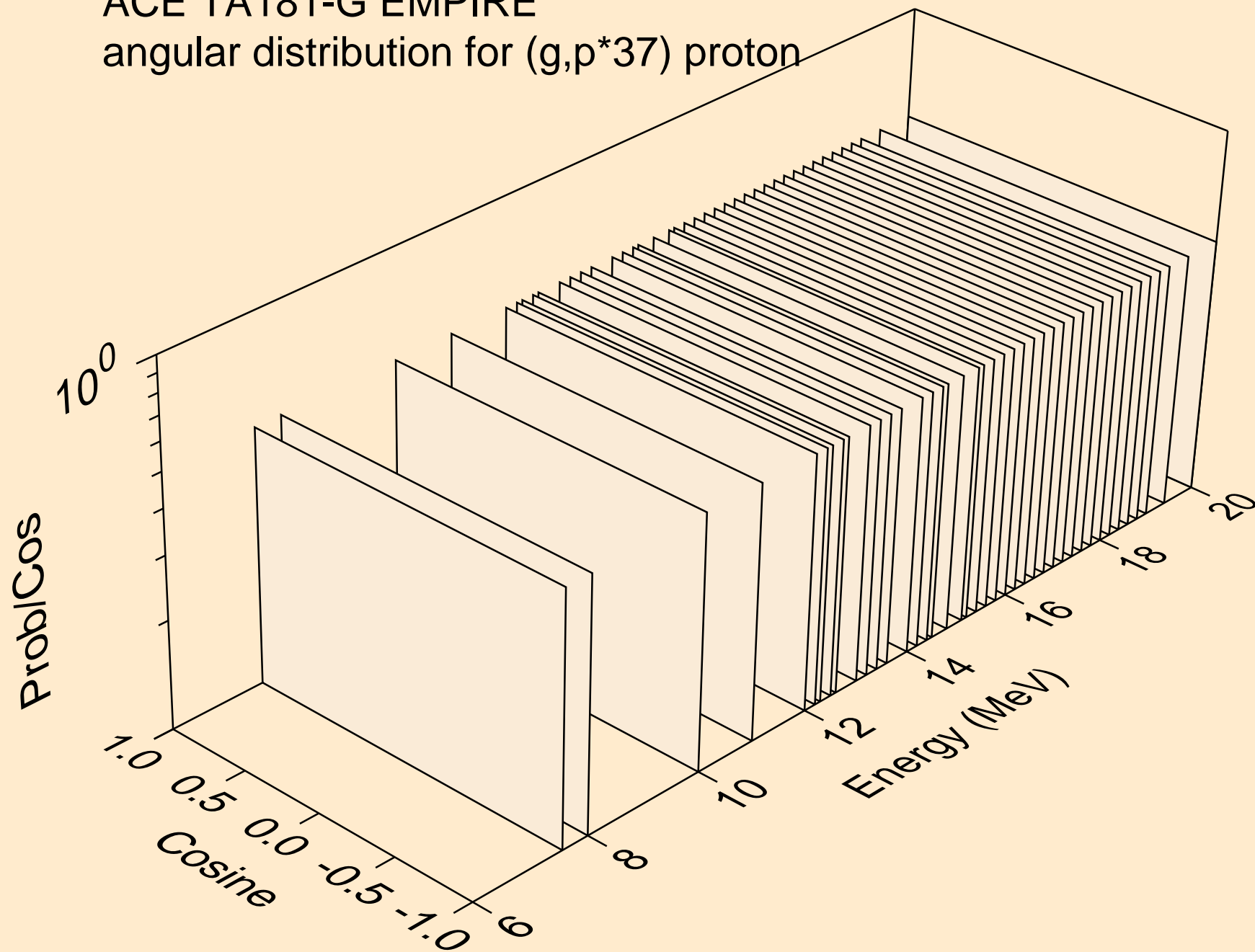
ACE TA181-G EMPIRE
angular distribution for (g,p*36) proton



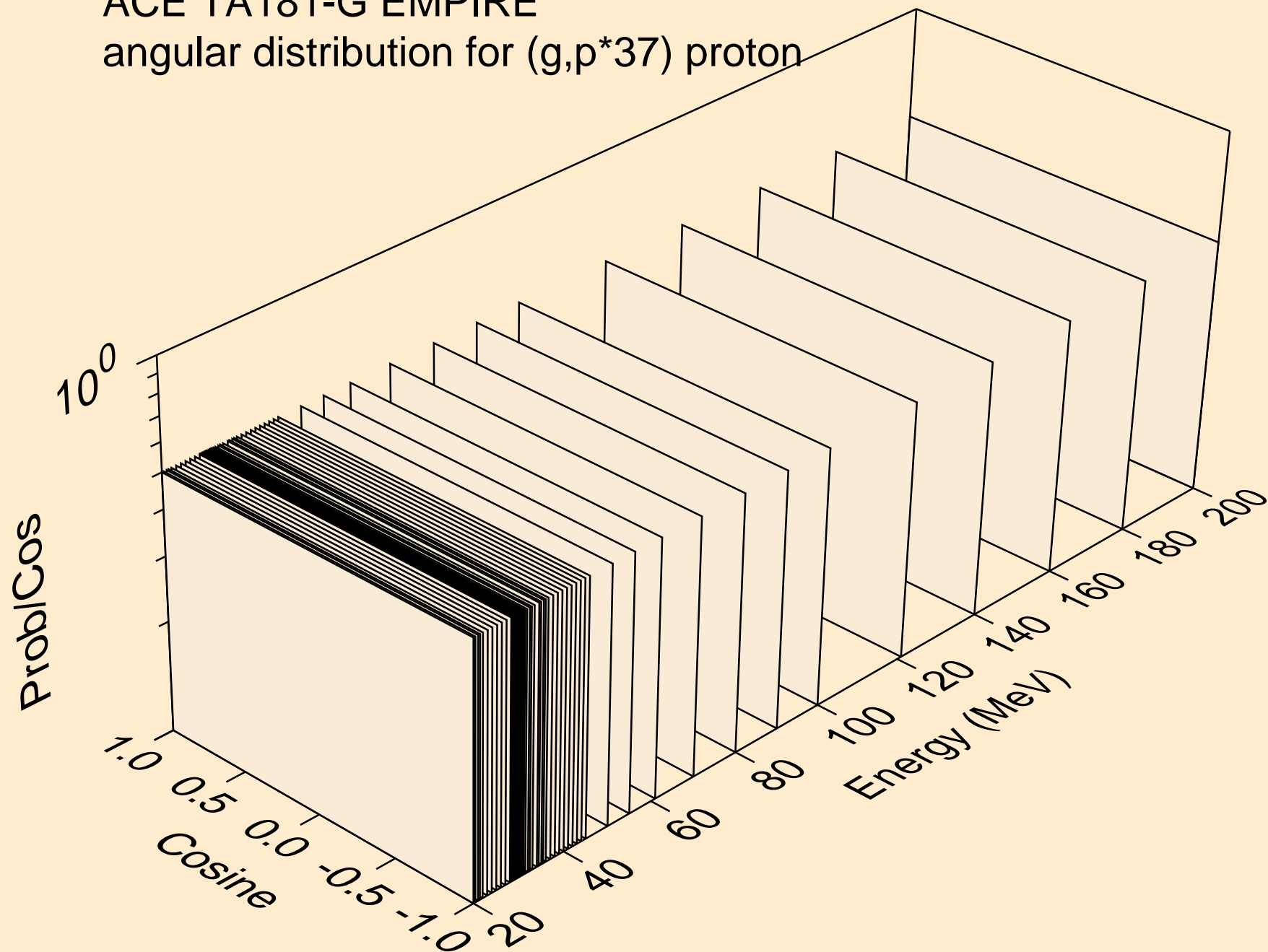
ACE TA181-G EMPIRE
angular distribution for (g,p*36) proton



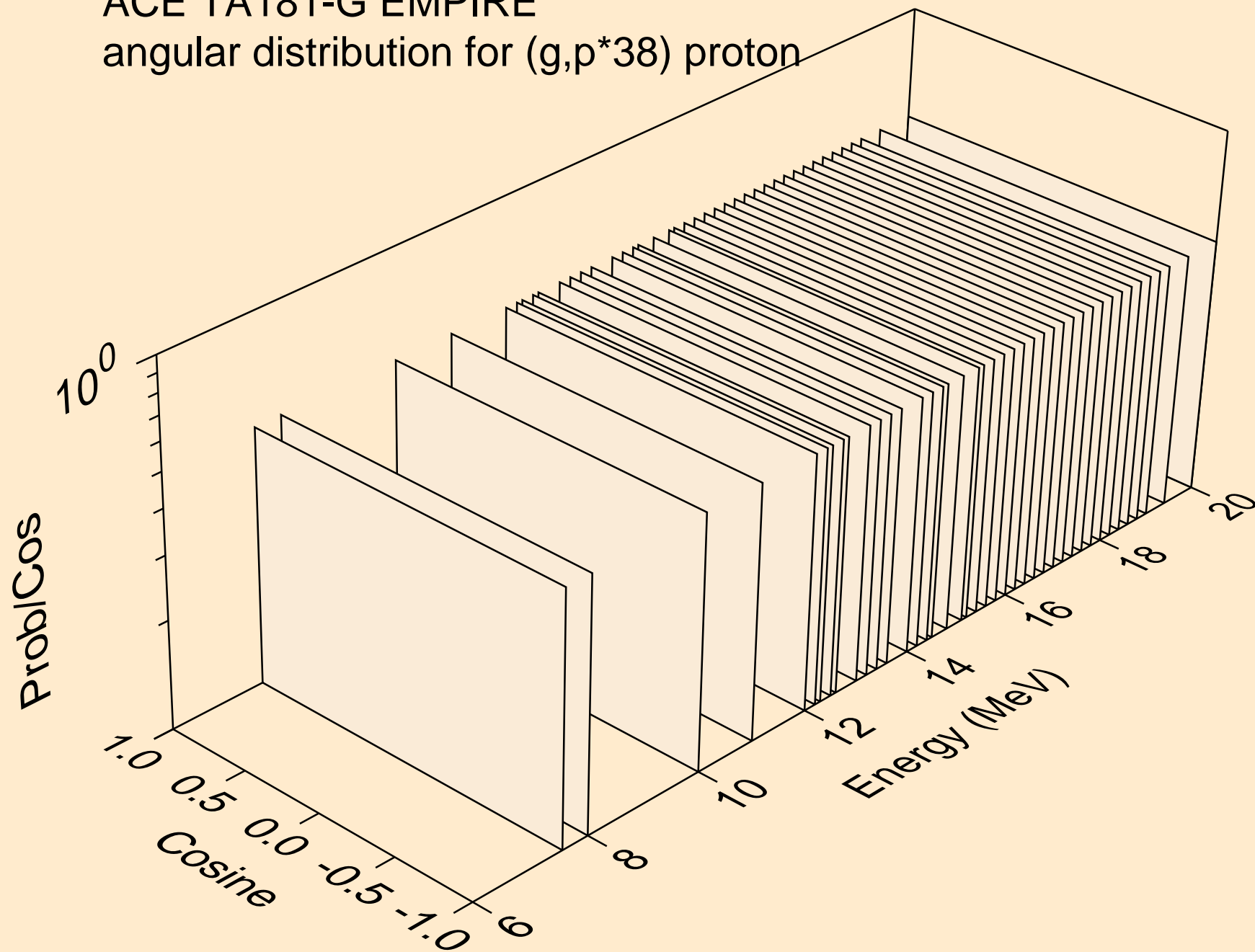
ACE TA181-G EMPIRE
angular distribution for (g,p*37) proton



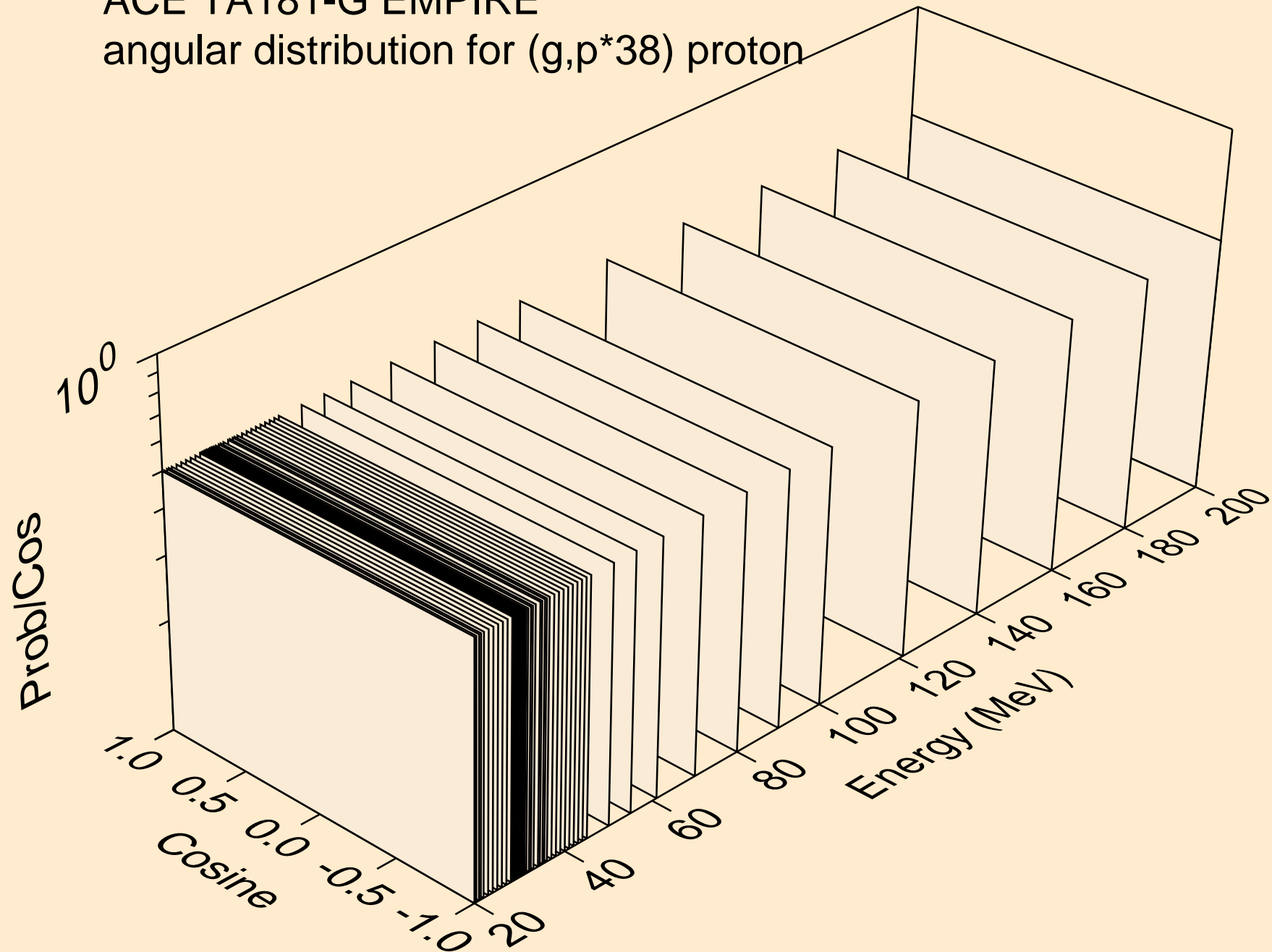
ACE TA181-G EMPIRE
angular distribution for (g,p*37) proton



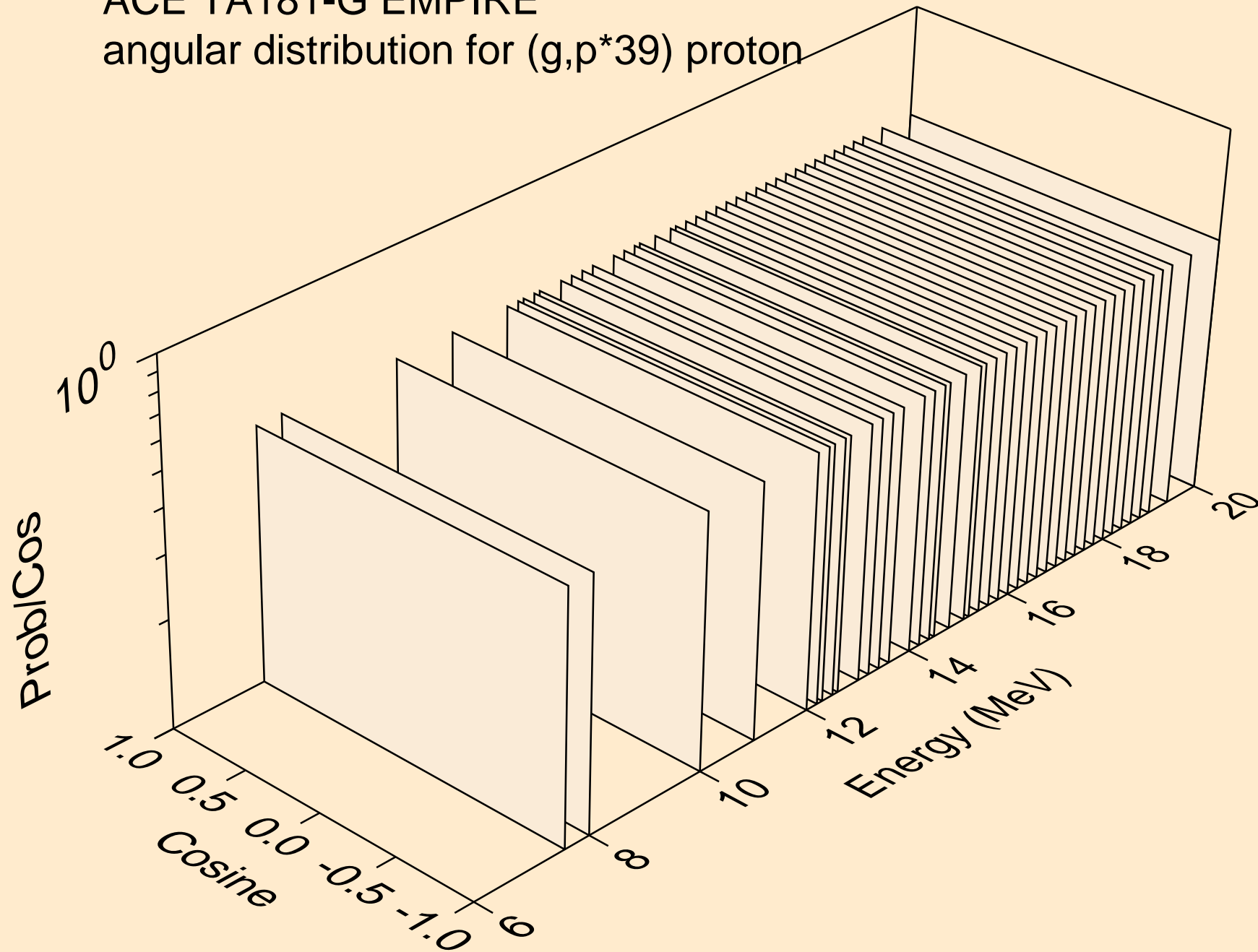
ACE TA181-G EMPIRE
angular distribution for (g,p*38) proton



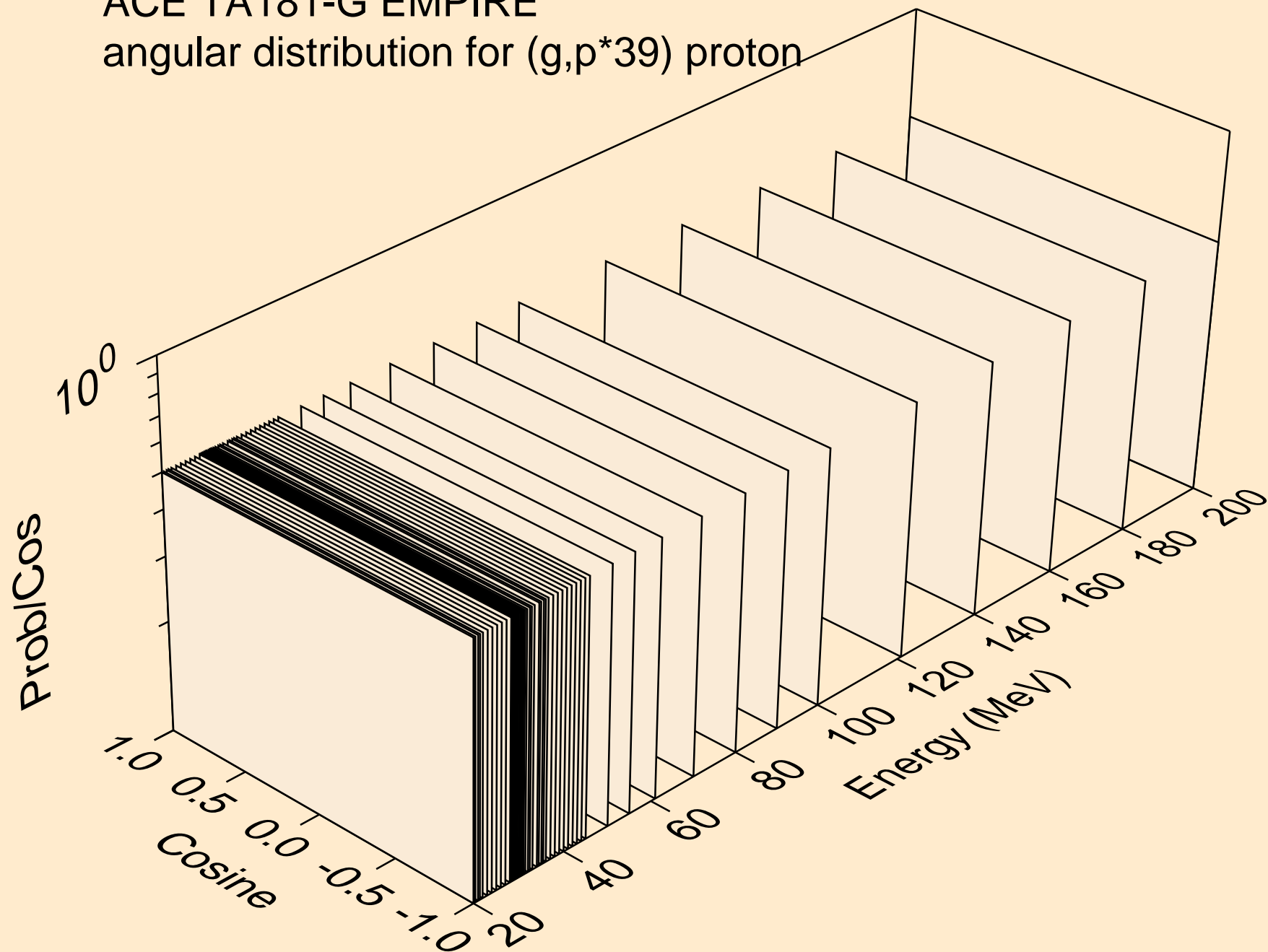
ACE TA181-G EMPIRE
angular distribution for (g,p*38) proton



ACE TA181-G EMPIRE
angular distribution for (g,p*39) proton

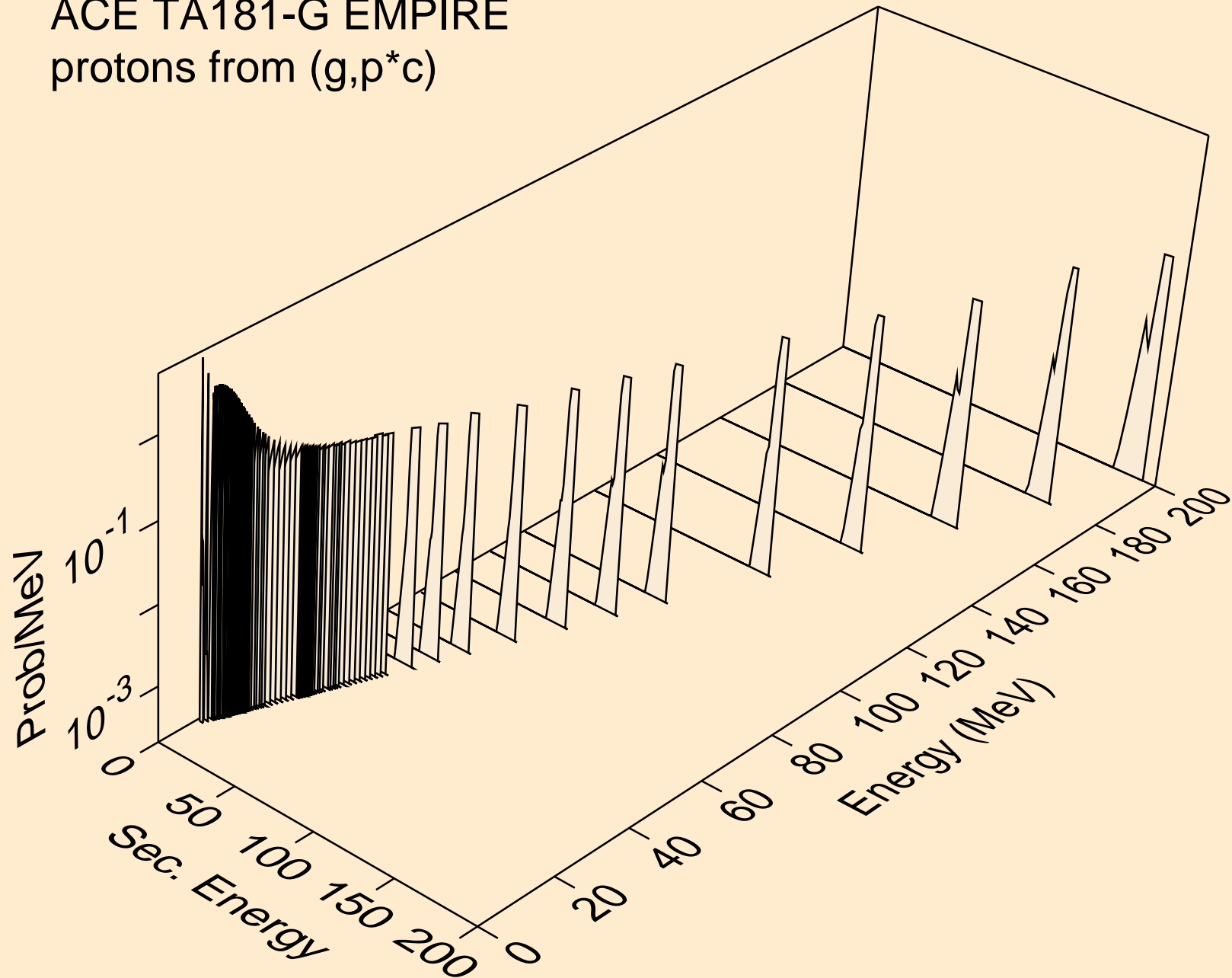


ACE TA181-G EMPIRE
angular distribution for (g,p*39) proton

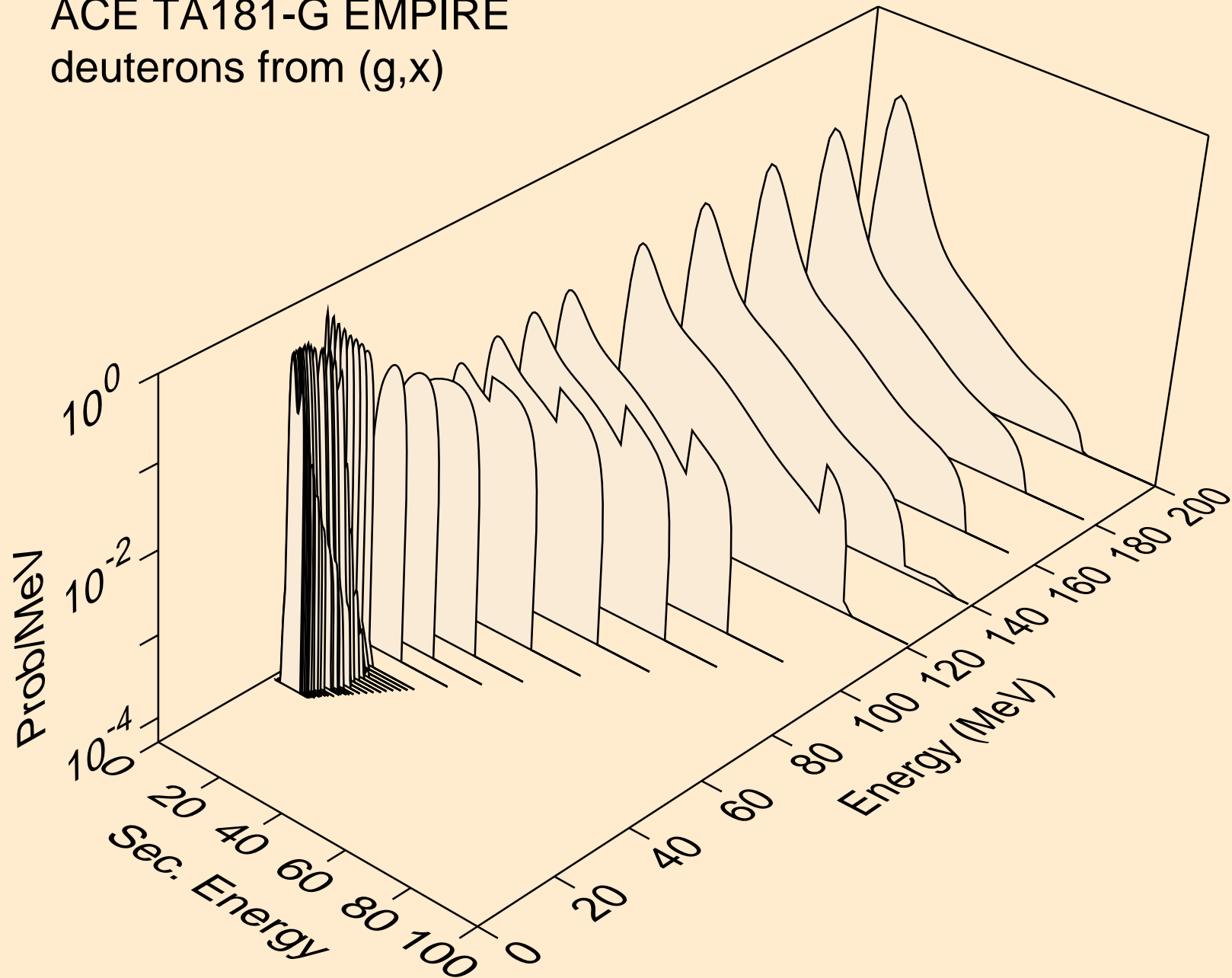


ACE TA181-G EMPIRE

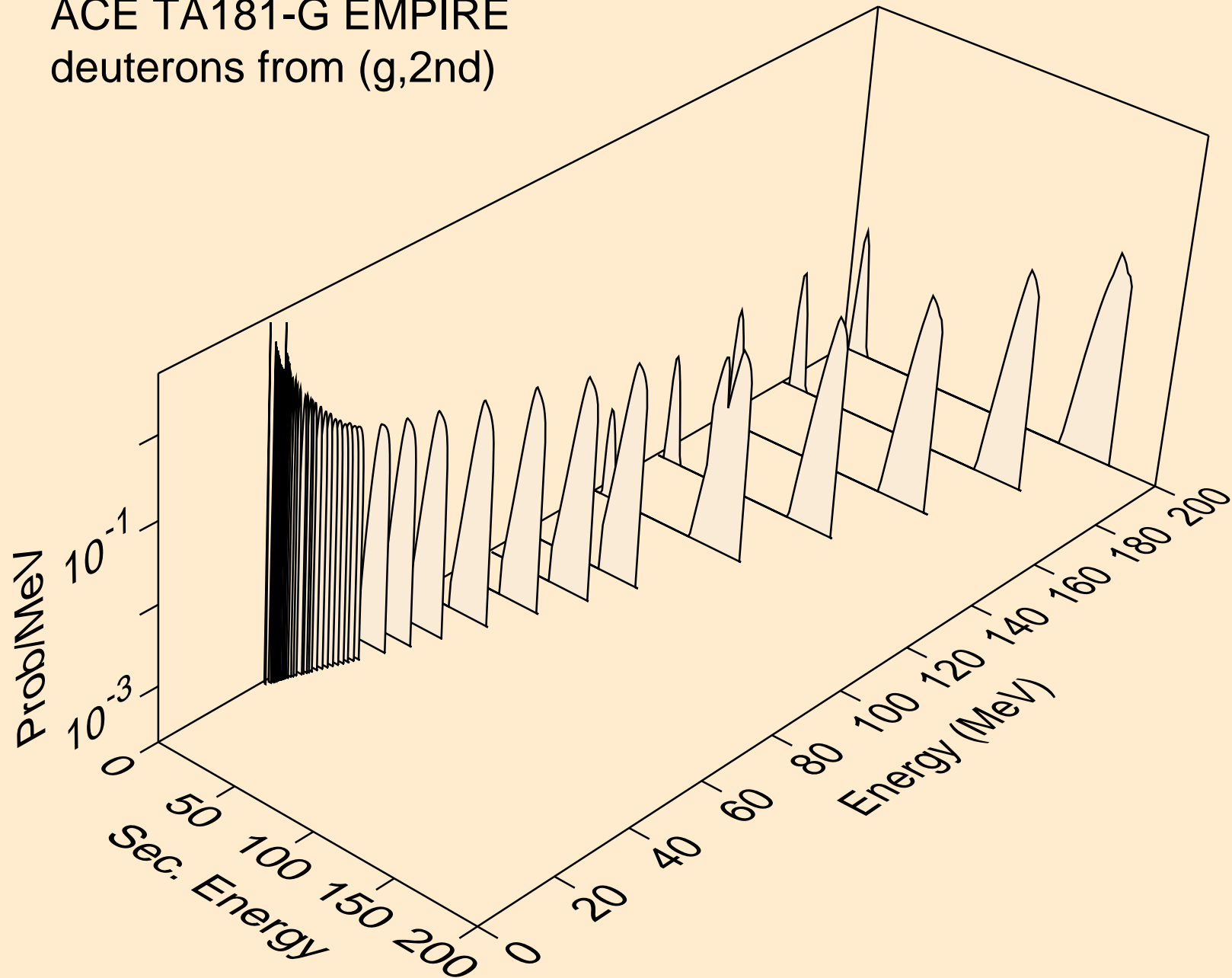
protons from (g,p*c)



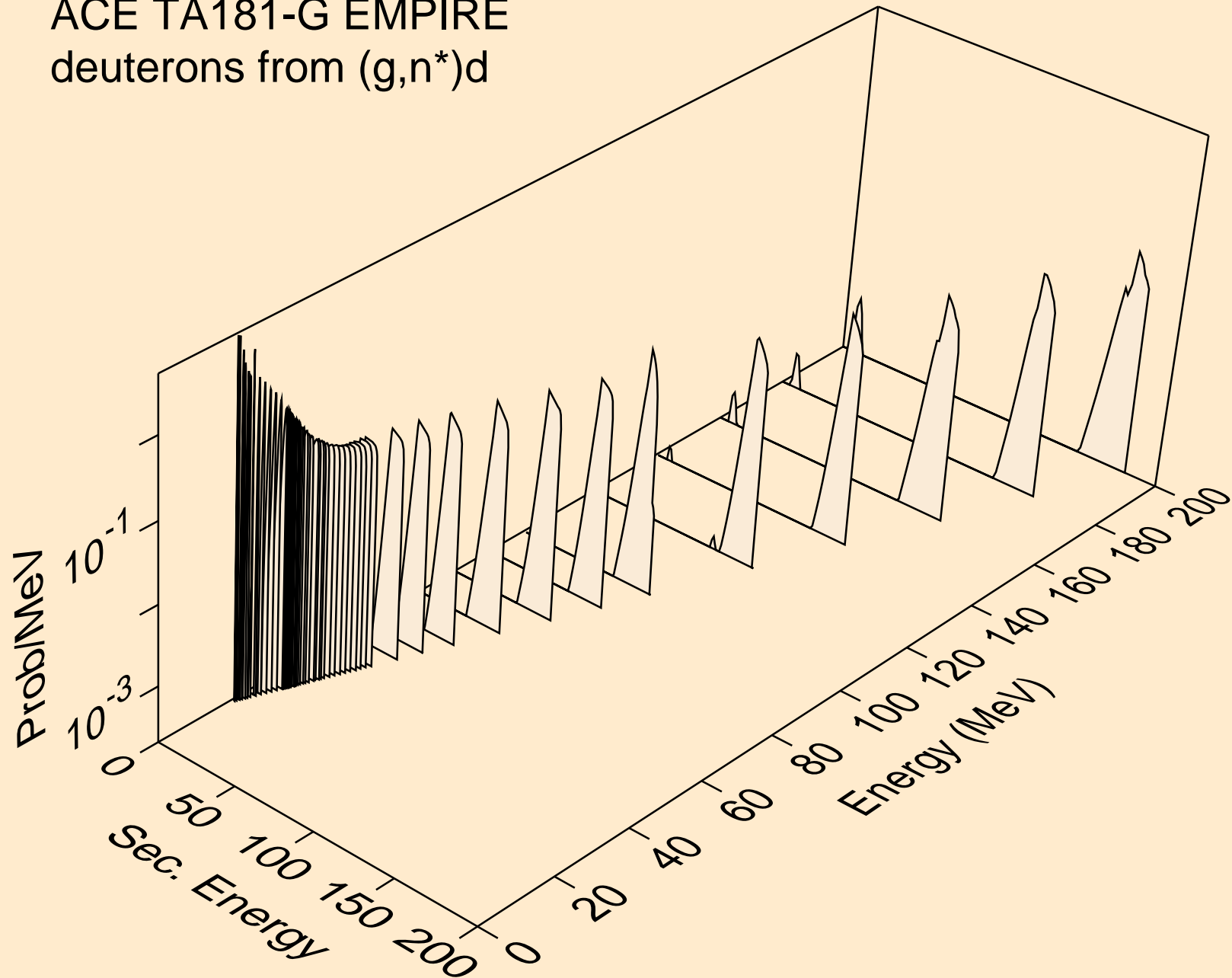
ACE TA181-G EMPIRE deuterons from (g,x)



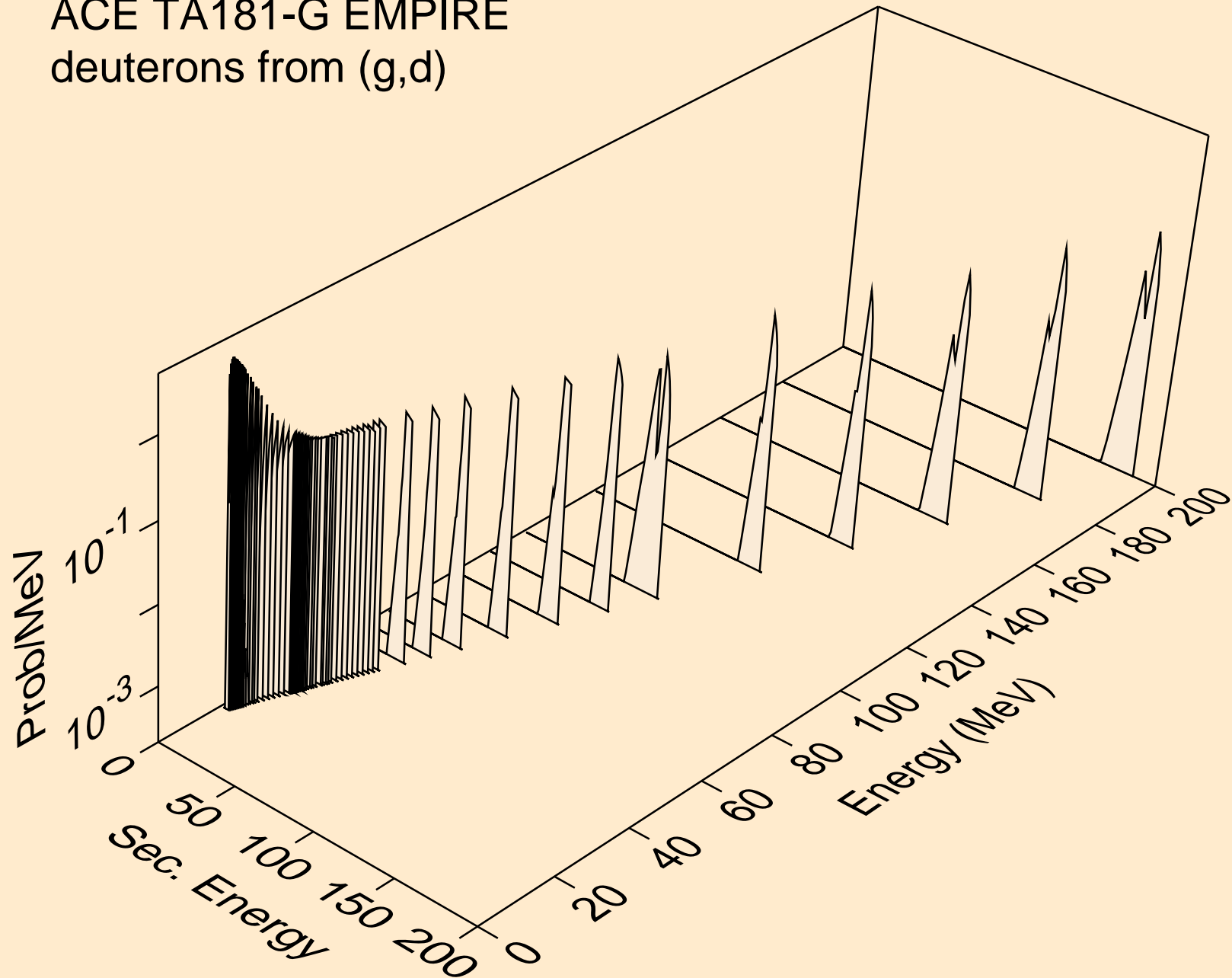
ACE TA181-G EMPIRE
deuterons from (g,2nd)



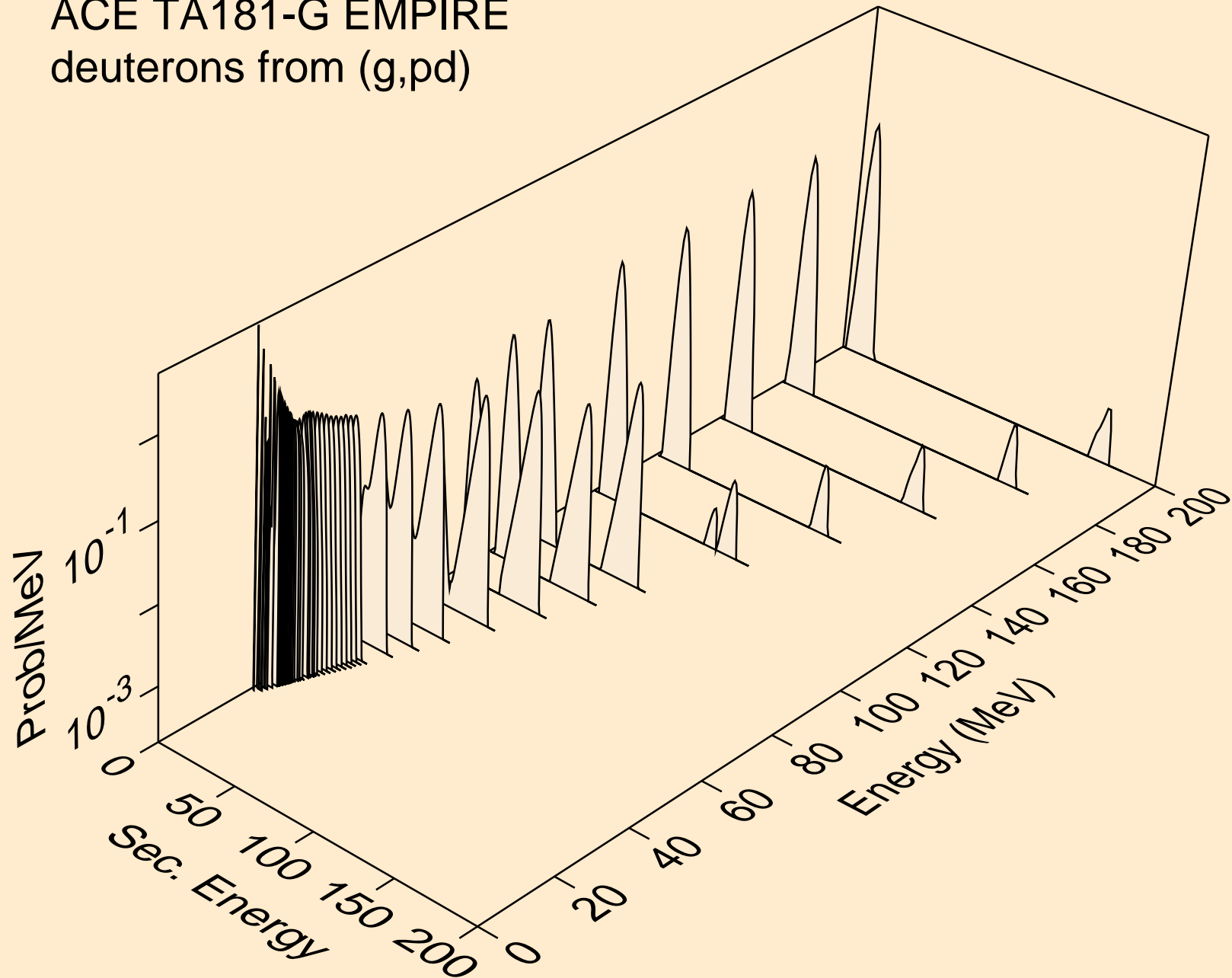
ACE TA181-G EMPIRE
deuterons from $(g,n^*)d$



ACE TA181-G EMPIRE
deuterons from (g,d)

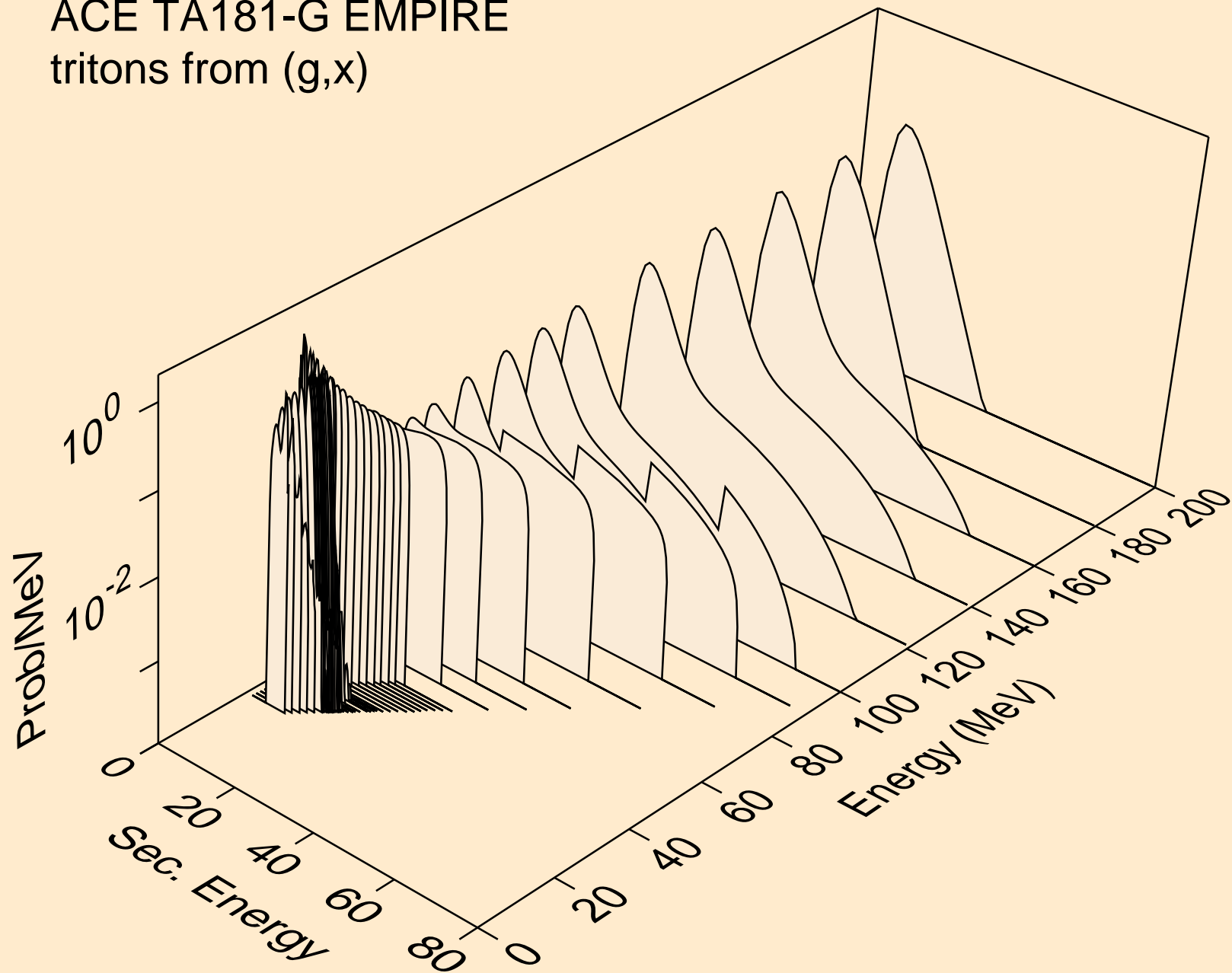


ACE TA181-G EMPIRE
deuterons from (g,pd)



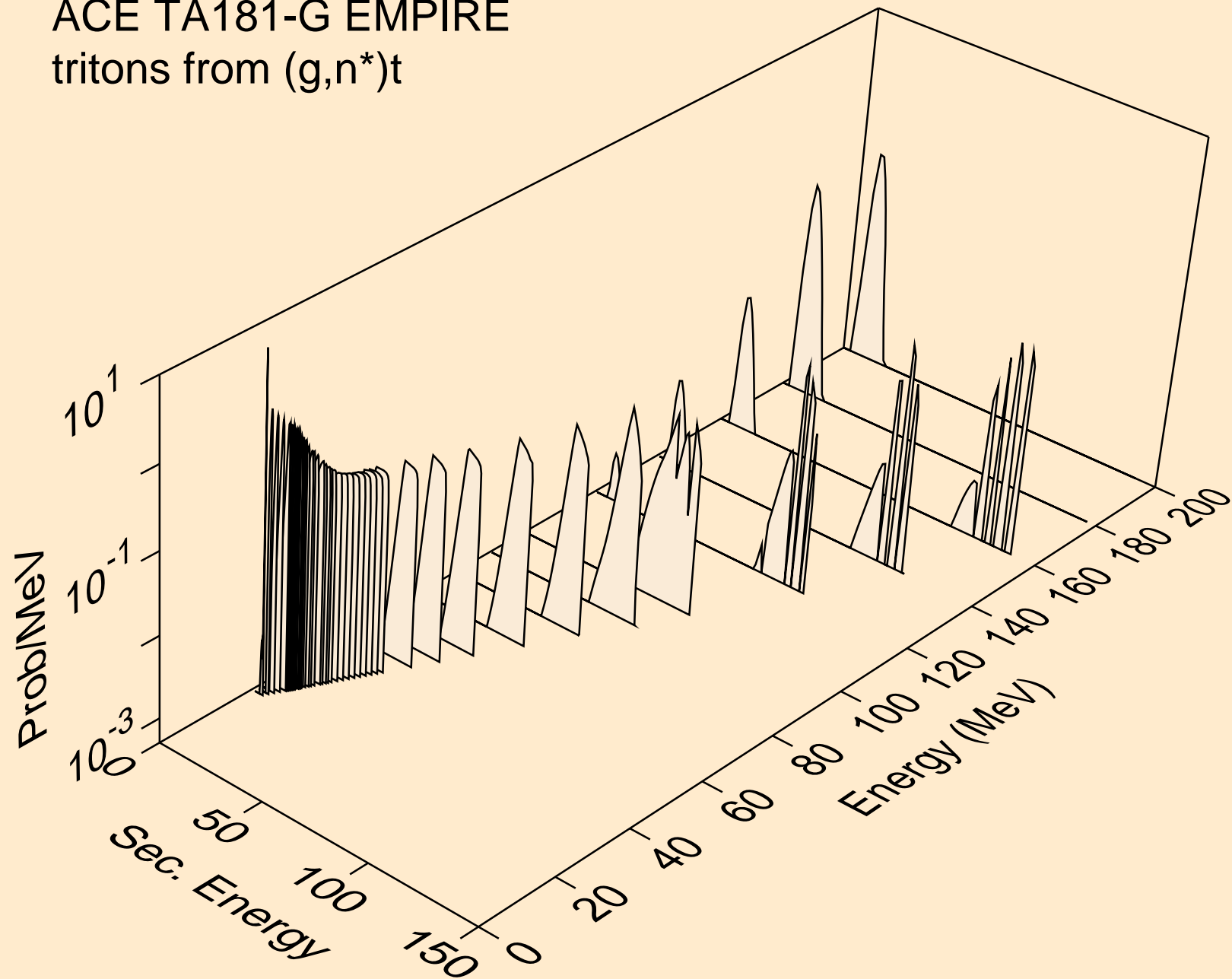
ACE TA181-G EMPIRE

tritons from (g,x)



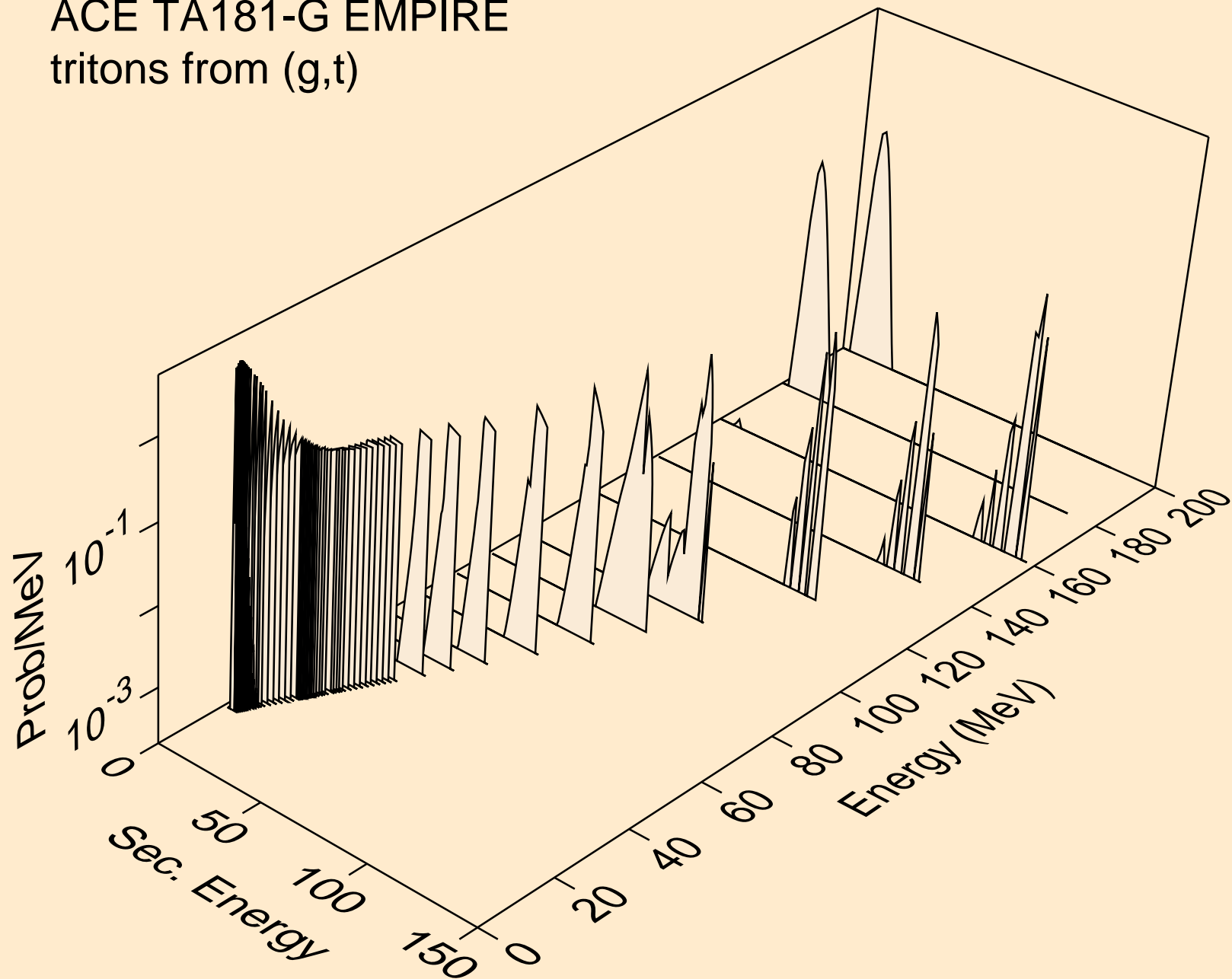
ACE TA181-G EMPIRE

tritons from $(g,n^*)t$



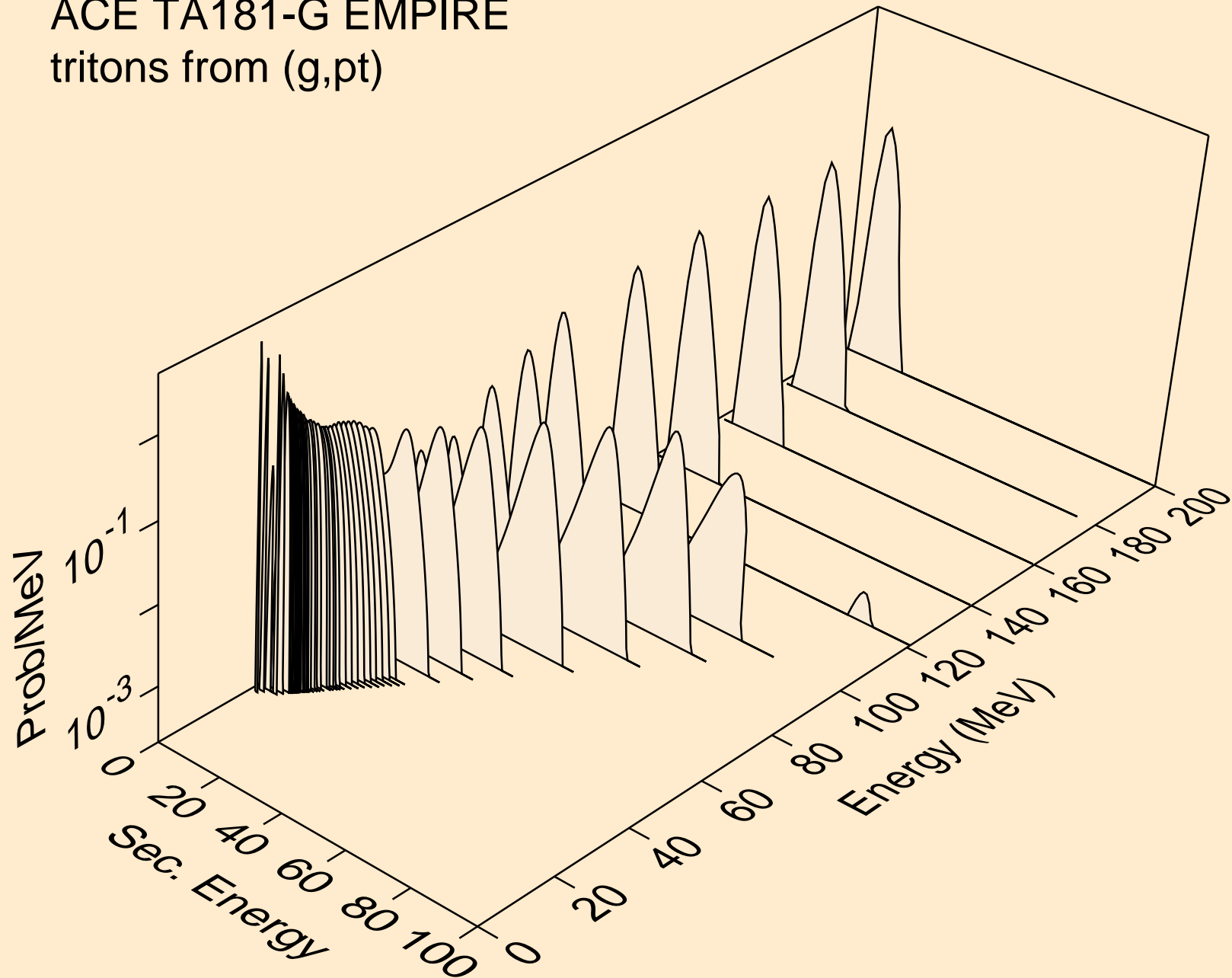
ACE TA181-G EMPIRE

tritons from (g,t)



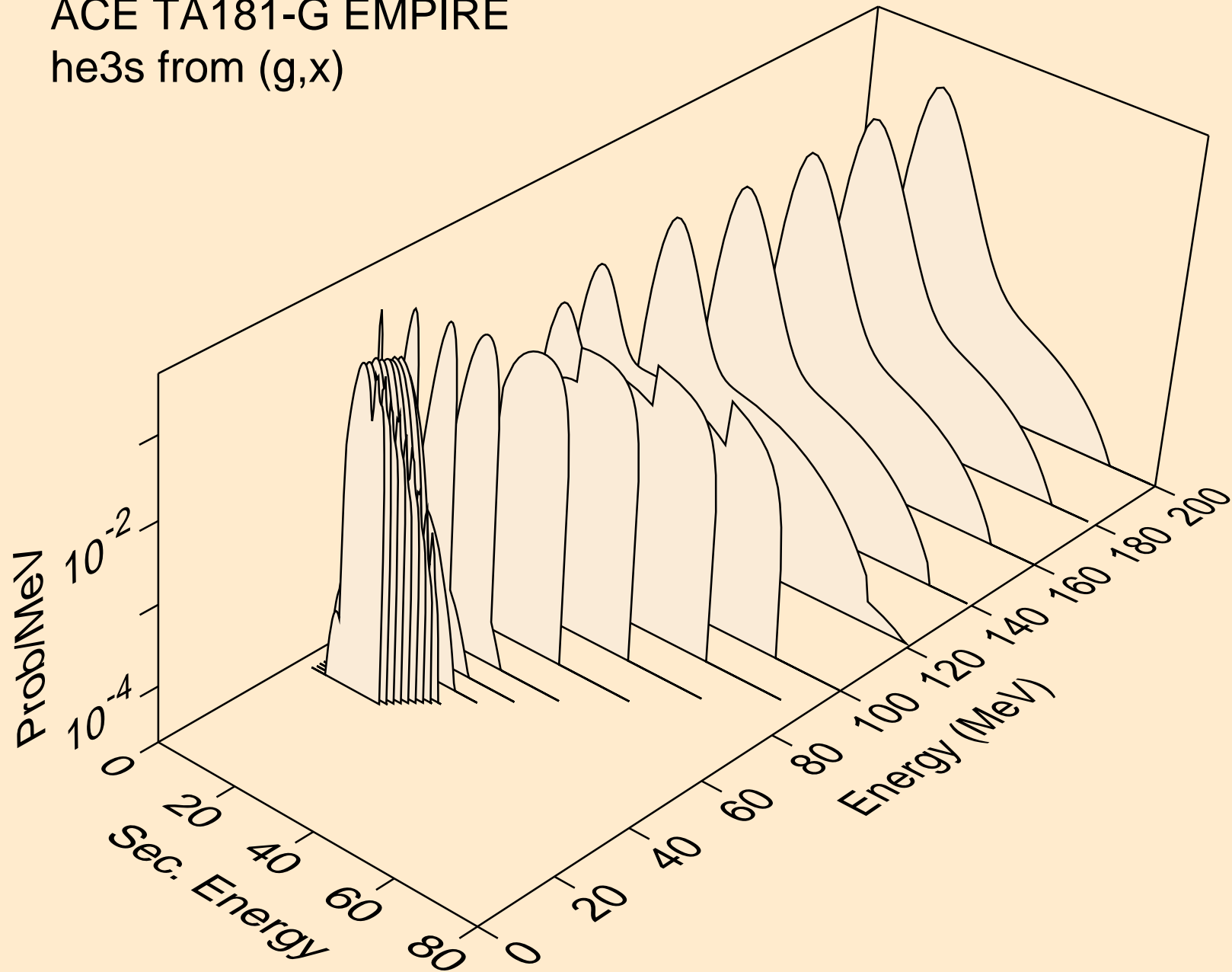
ACE TA181-G EMPIRE

tritons from (g,pt)

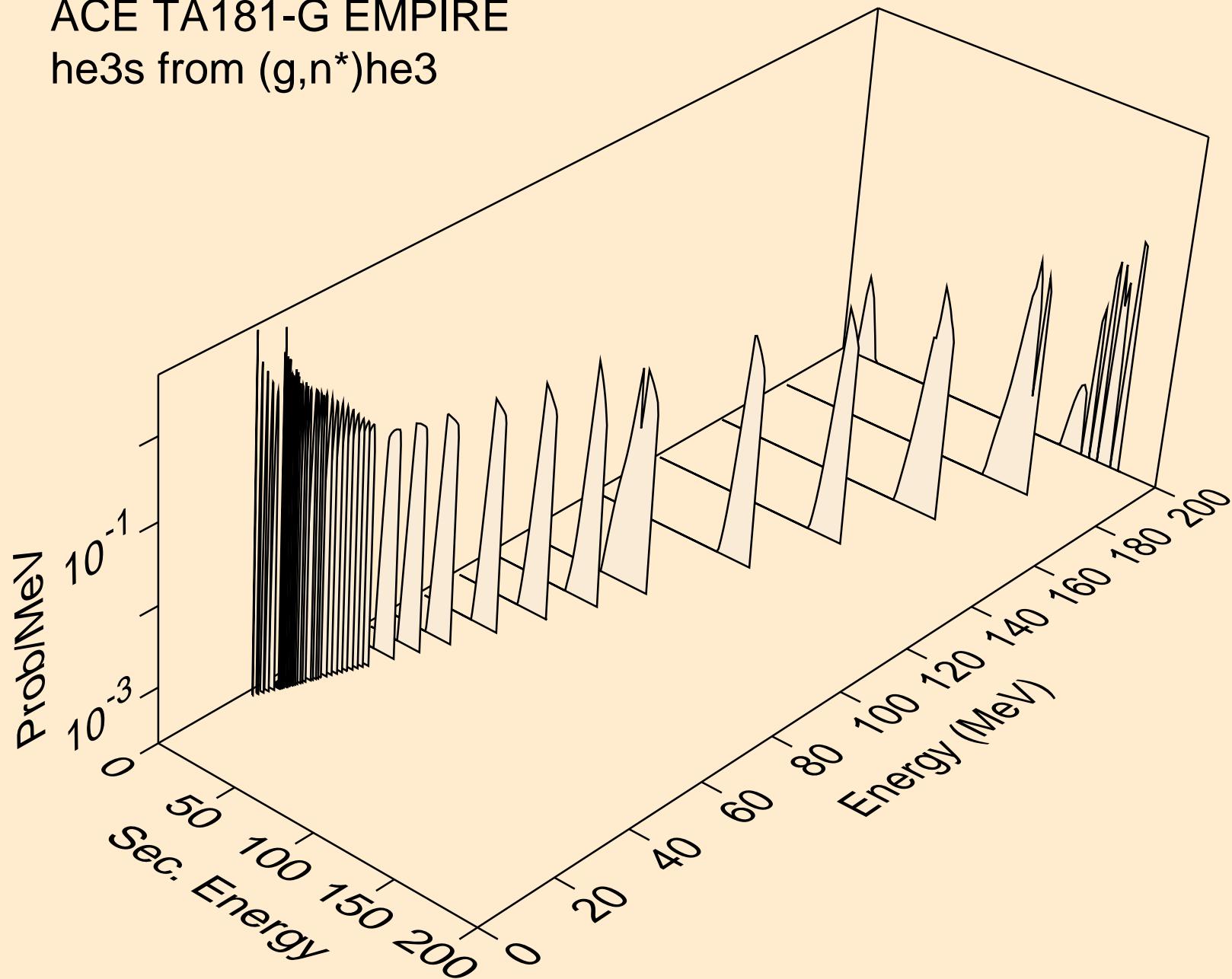


ACE TA181-G EMPIRE

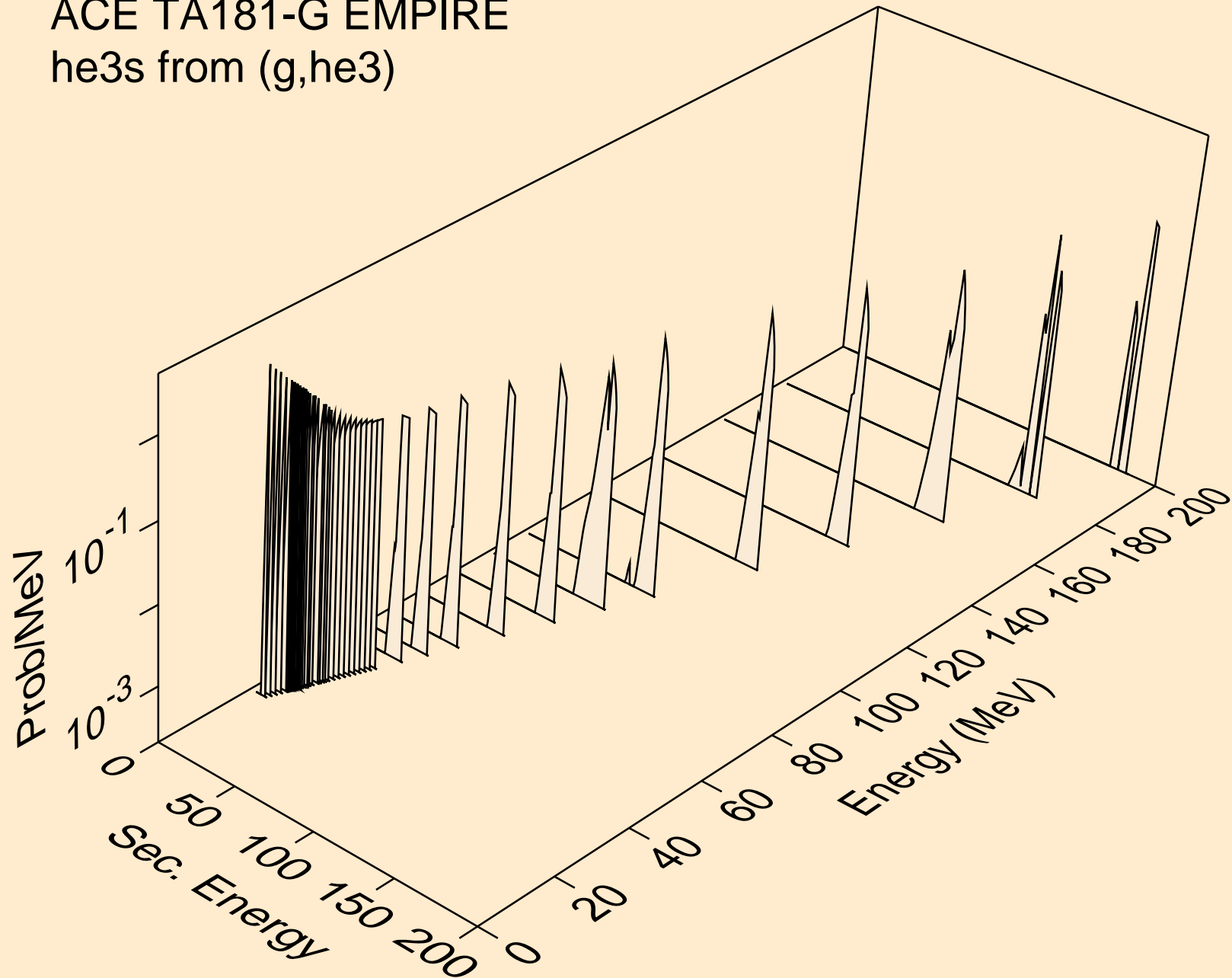
he3s from (g,x)



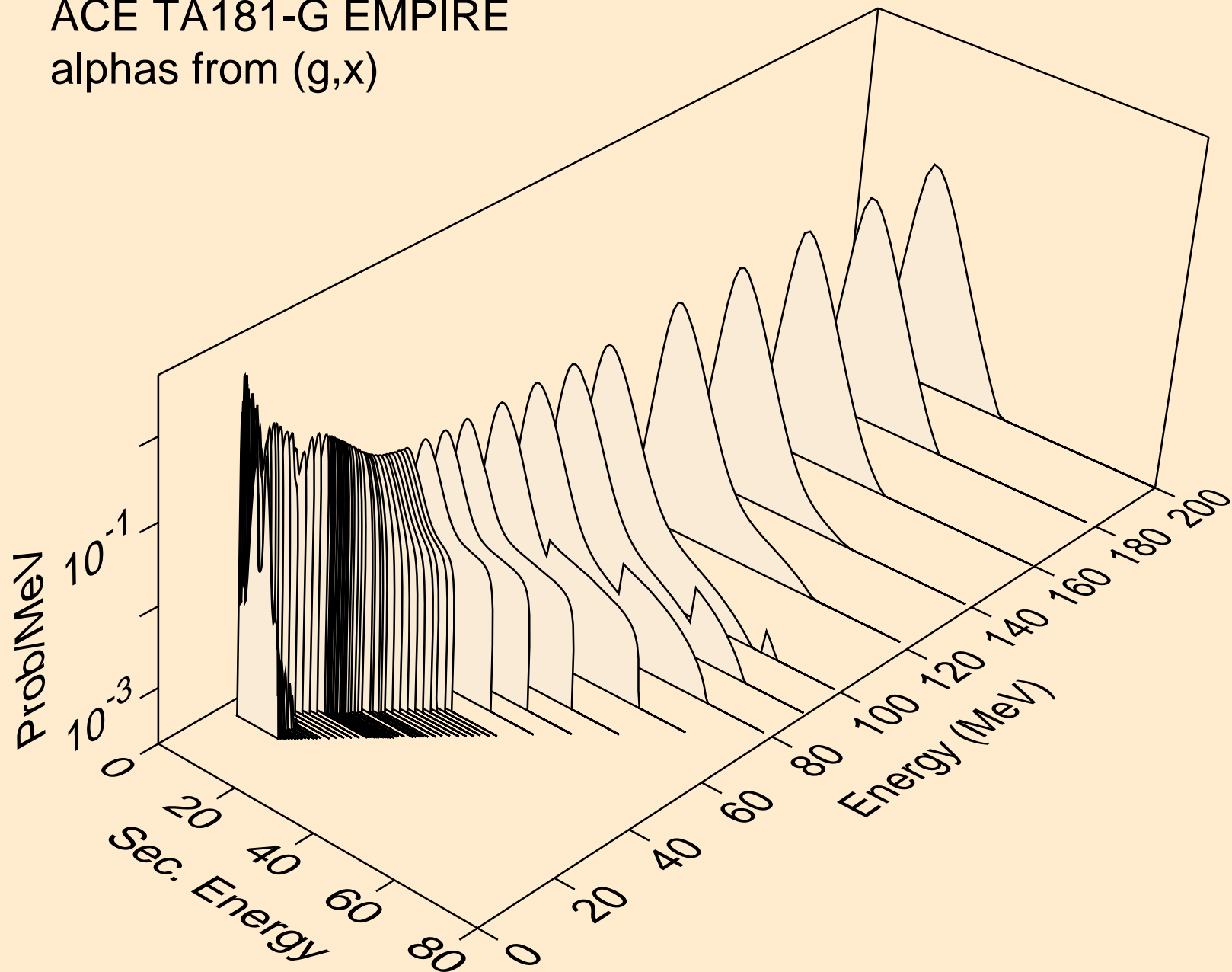
ACE TA181-G EMPIRE
he3s from (g,n*)he3



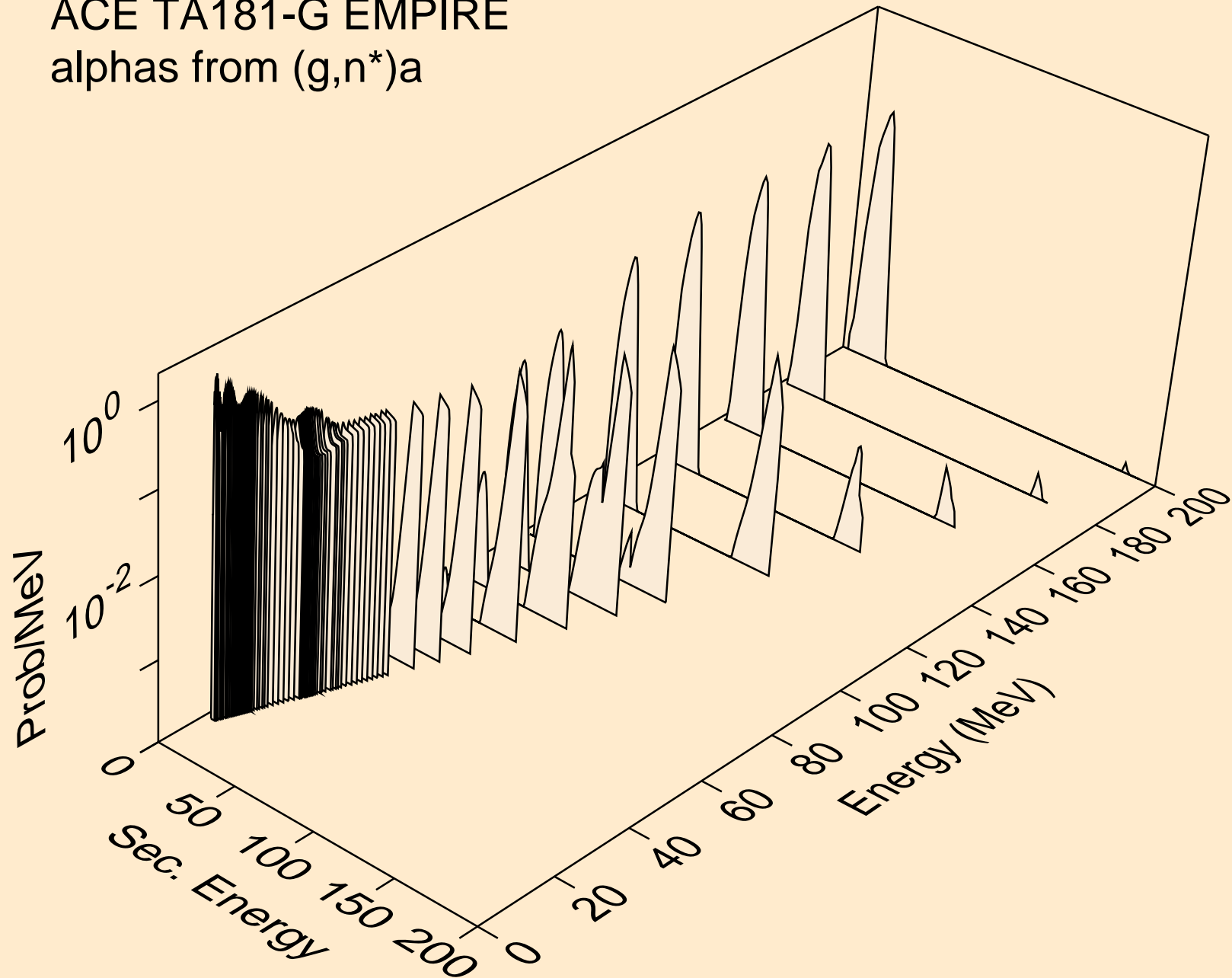
ACE TA181-G EMPIRE
he3s from (g,he3)



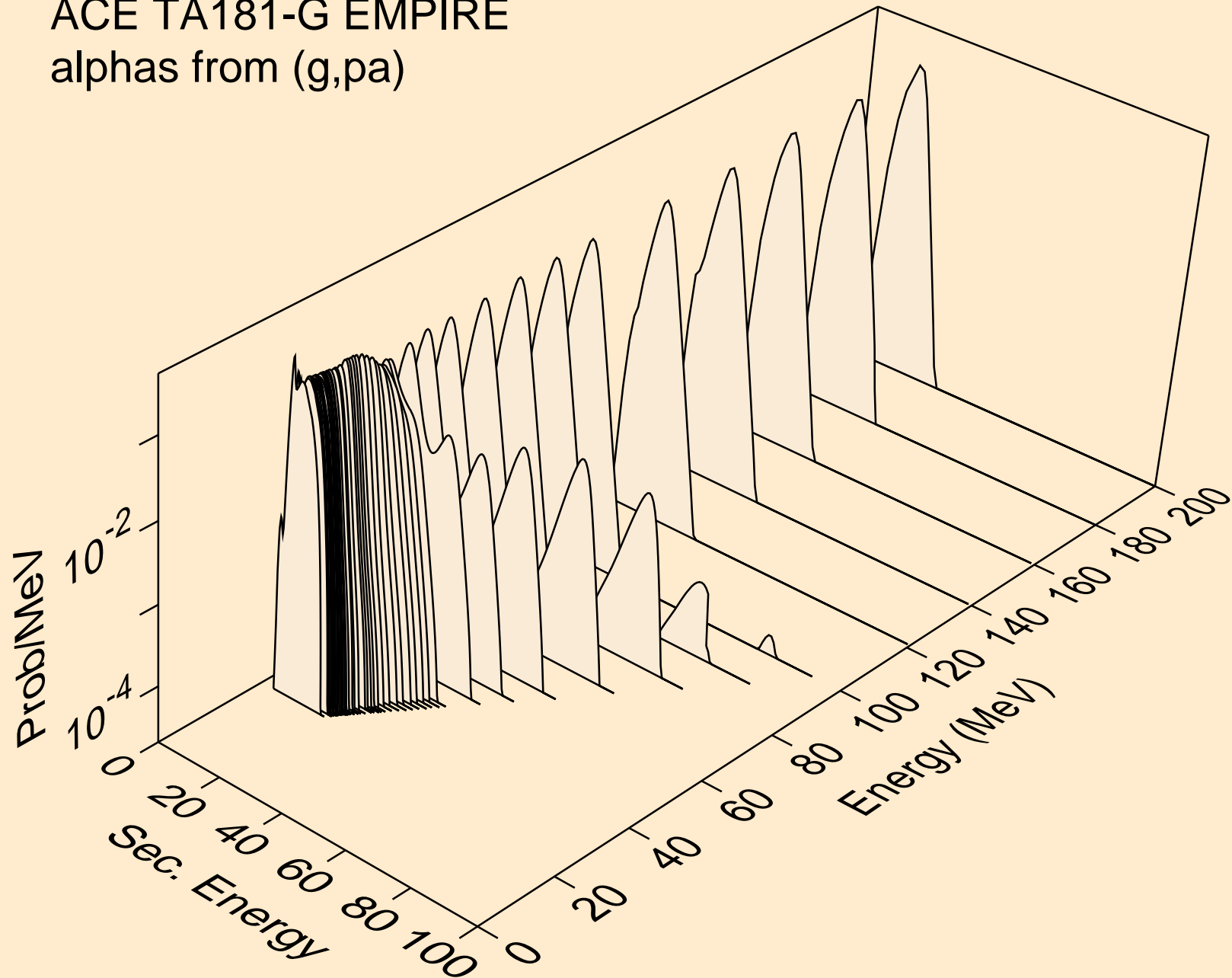
ACE TA181-G EMPIRE
alphas from (g,x)



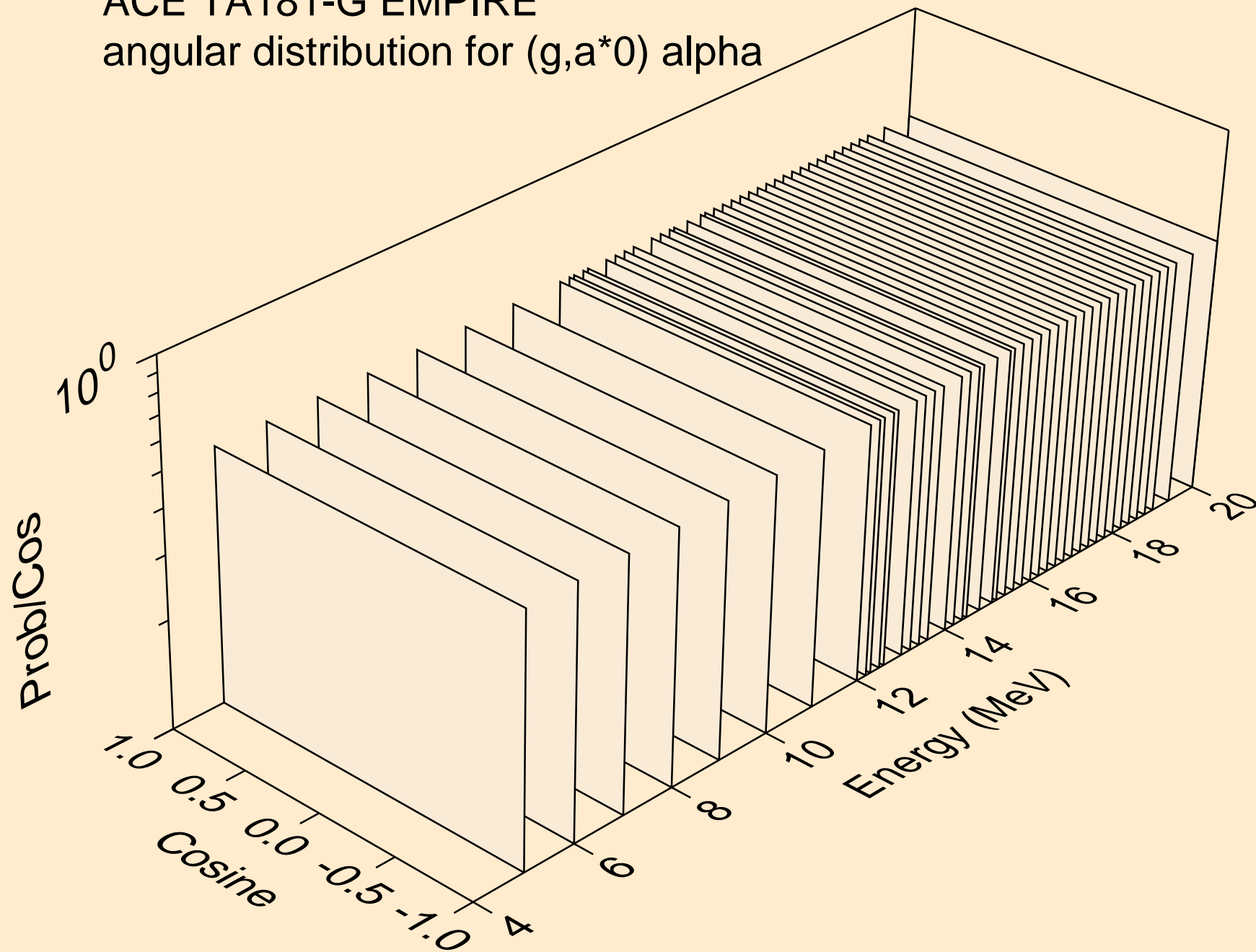
ACE TA181-G EMPIRE
alphas from $(g,n^*)a$



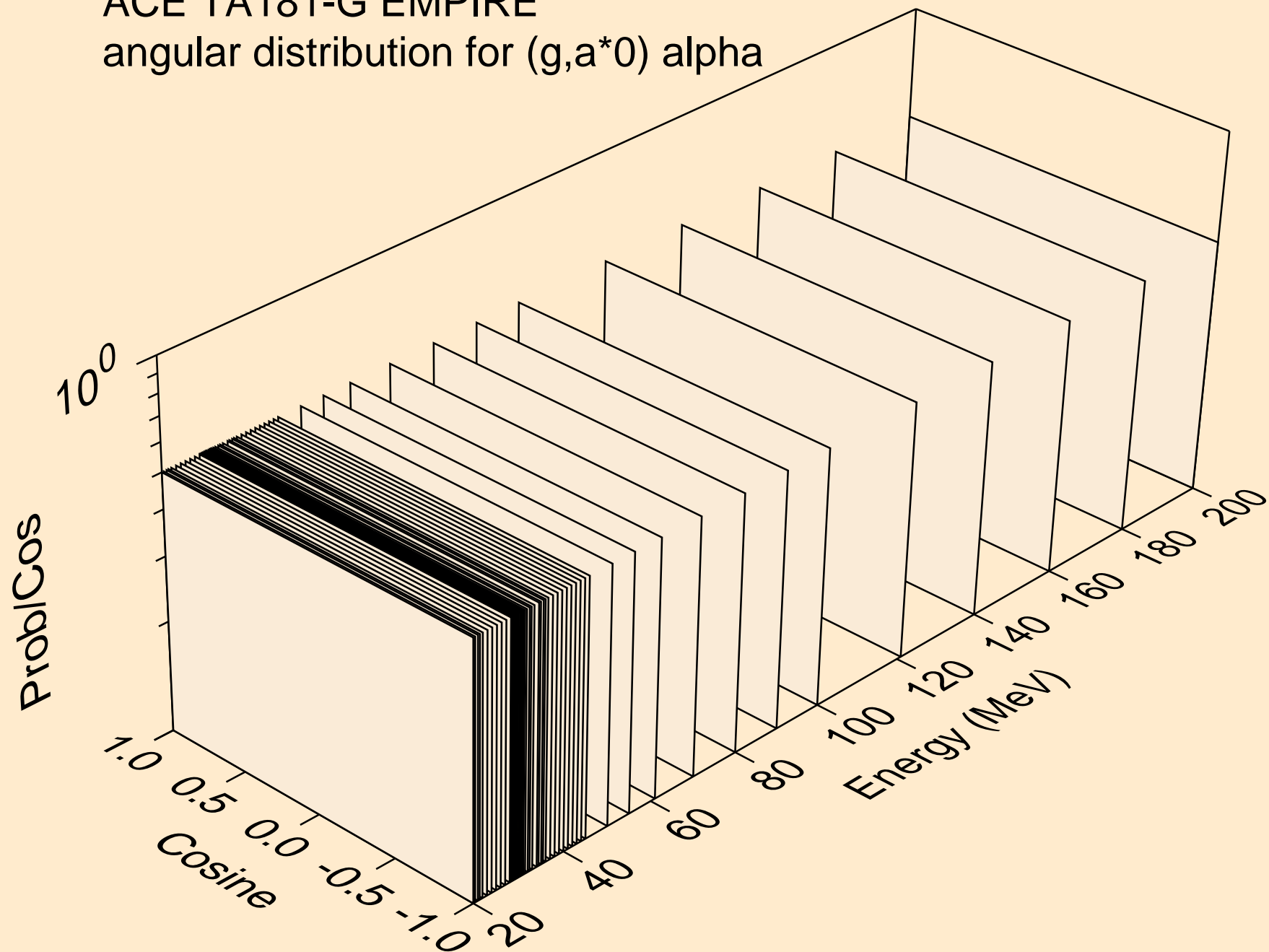
ACE TA181-G EMPIRE
alphas from (g,pa)



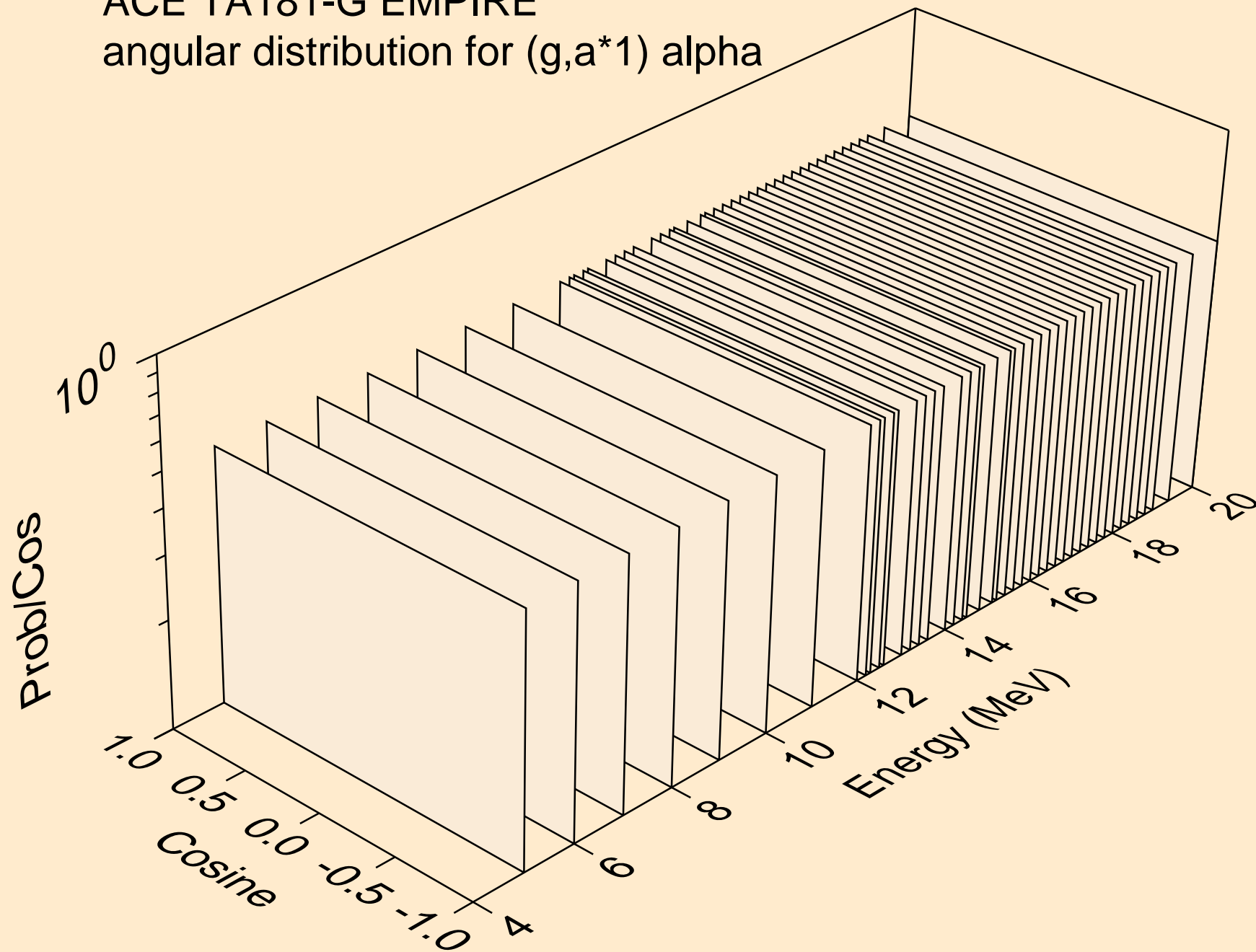
ACE TA181-G EMPIRE
angular distribution for (g,a*0) alpha



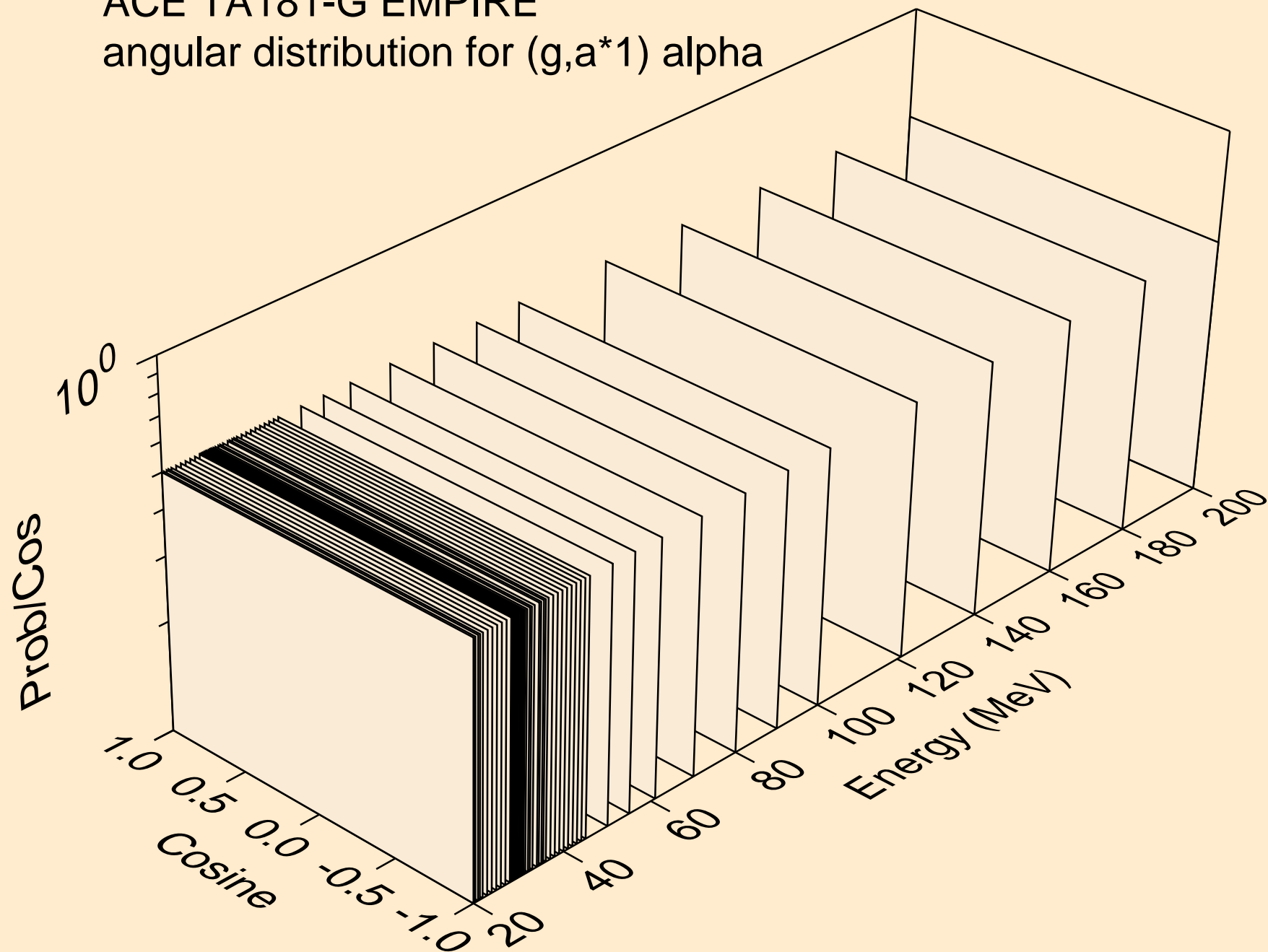
ACE TA181-G EMPIRE
angular distribution for (g,a*0) alpha



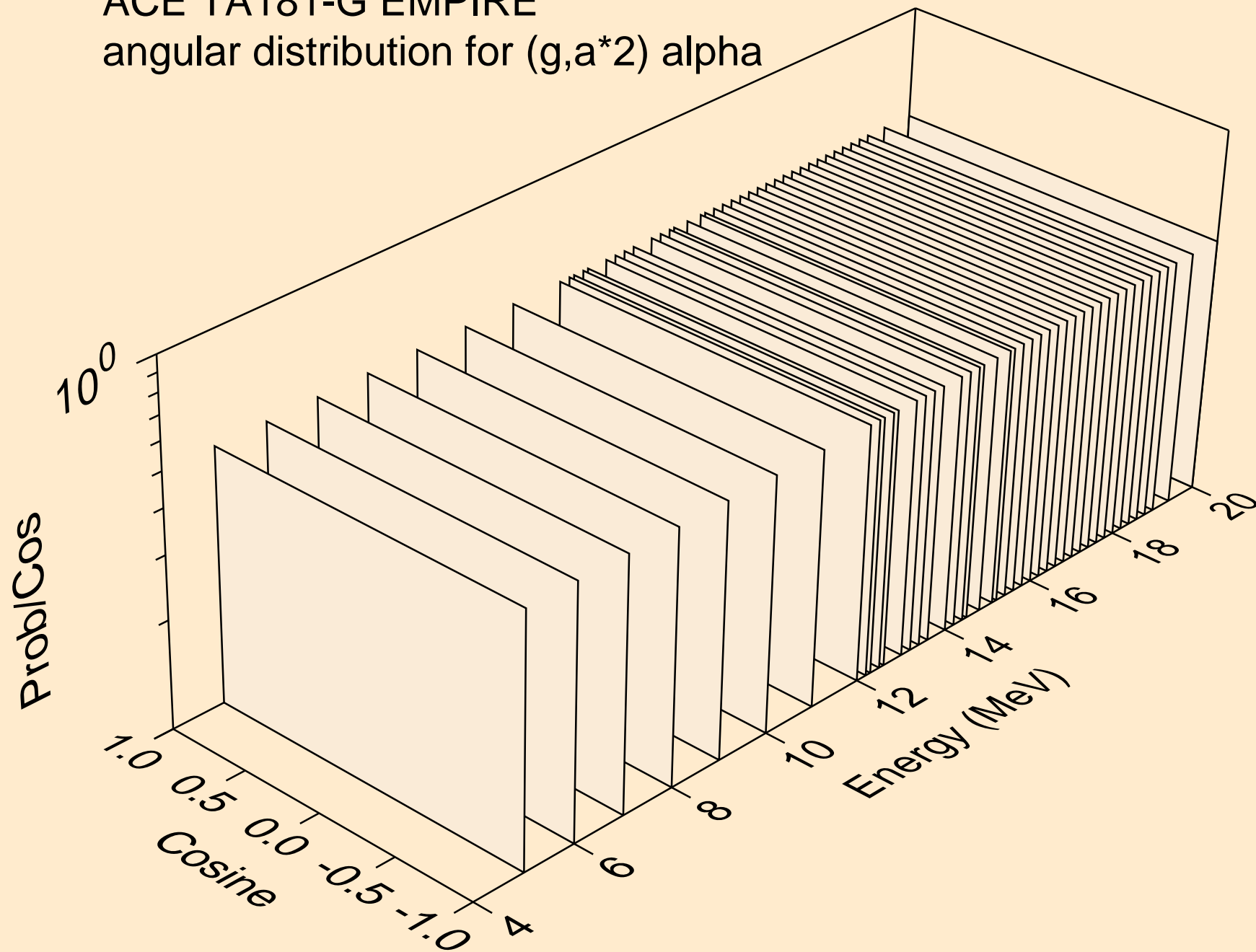
ACE TA181-G EMPIRE
angular distribution for (g,a*1) alpha



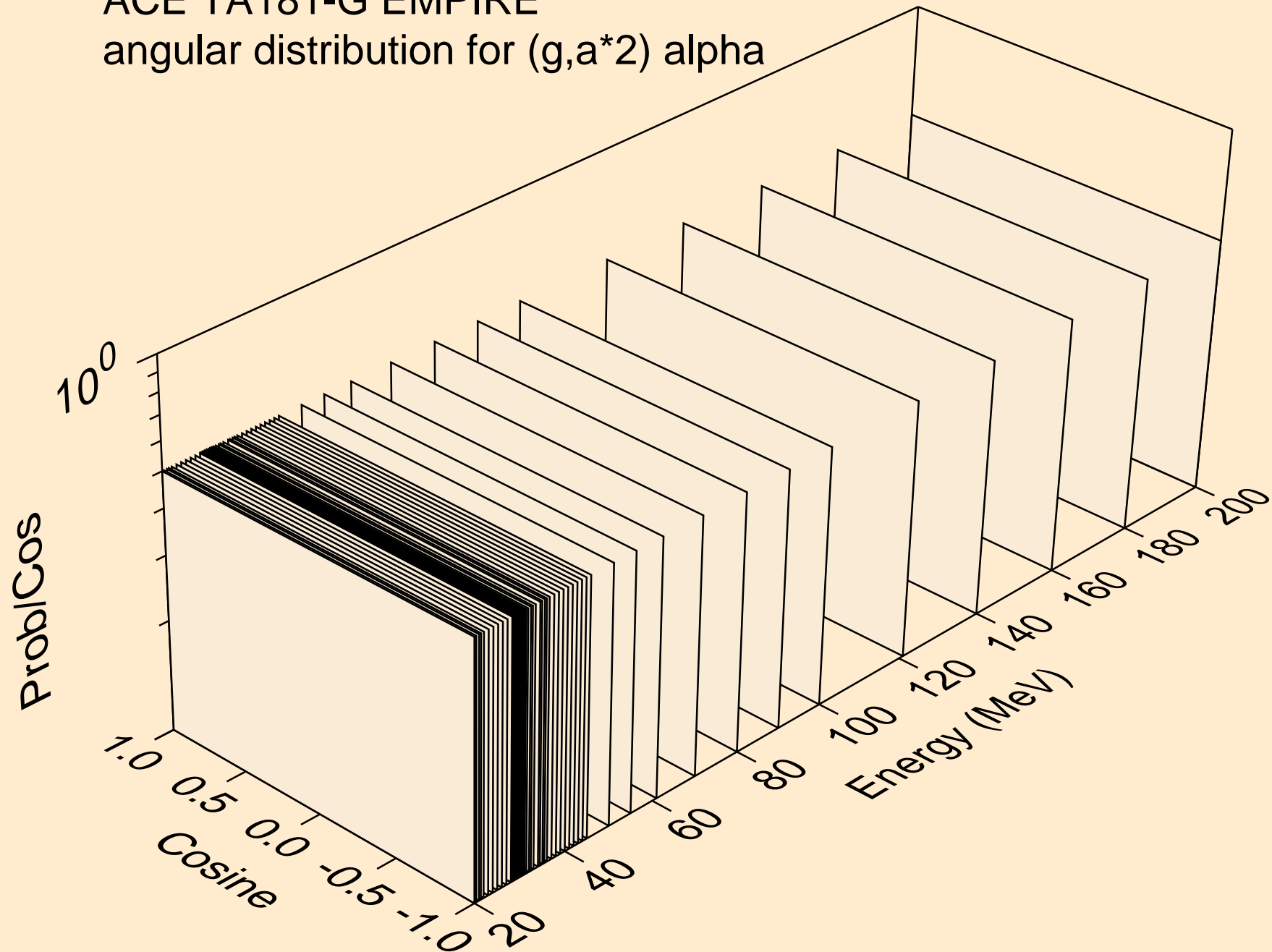
ACE TA181-G EMPIRE
angular distribution for (g,a*1) alpha



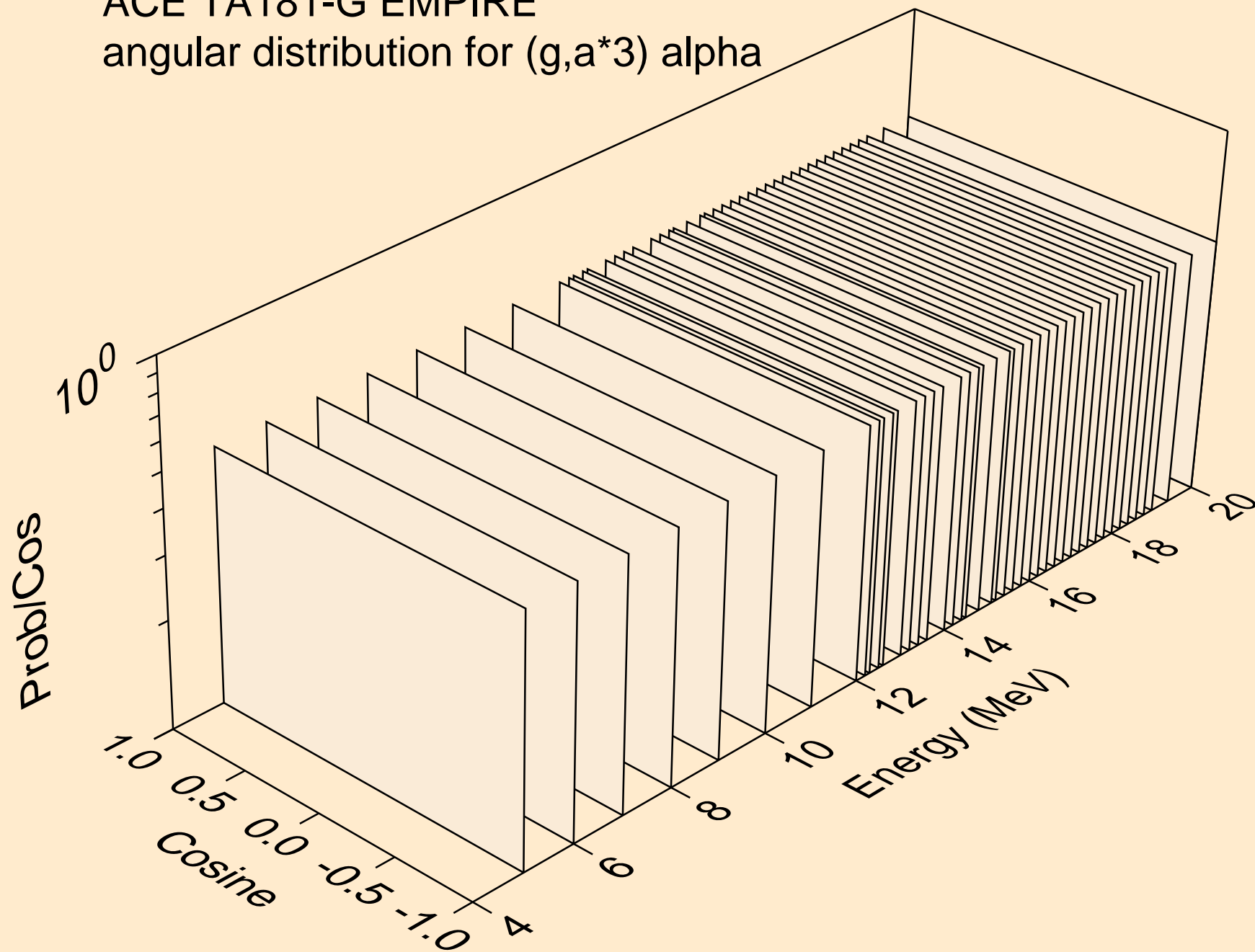
ACE TA181-G EMPIRE
angular distribution for (g,a*2) alpha



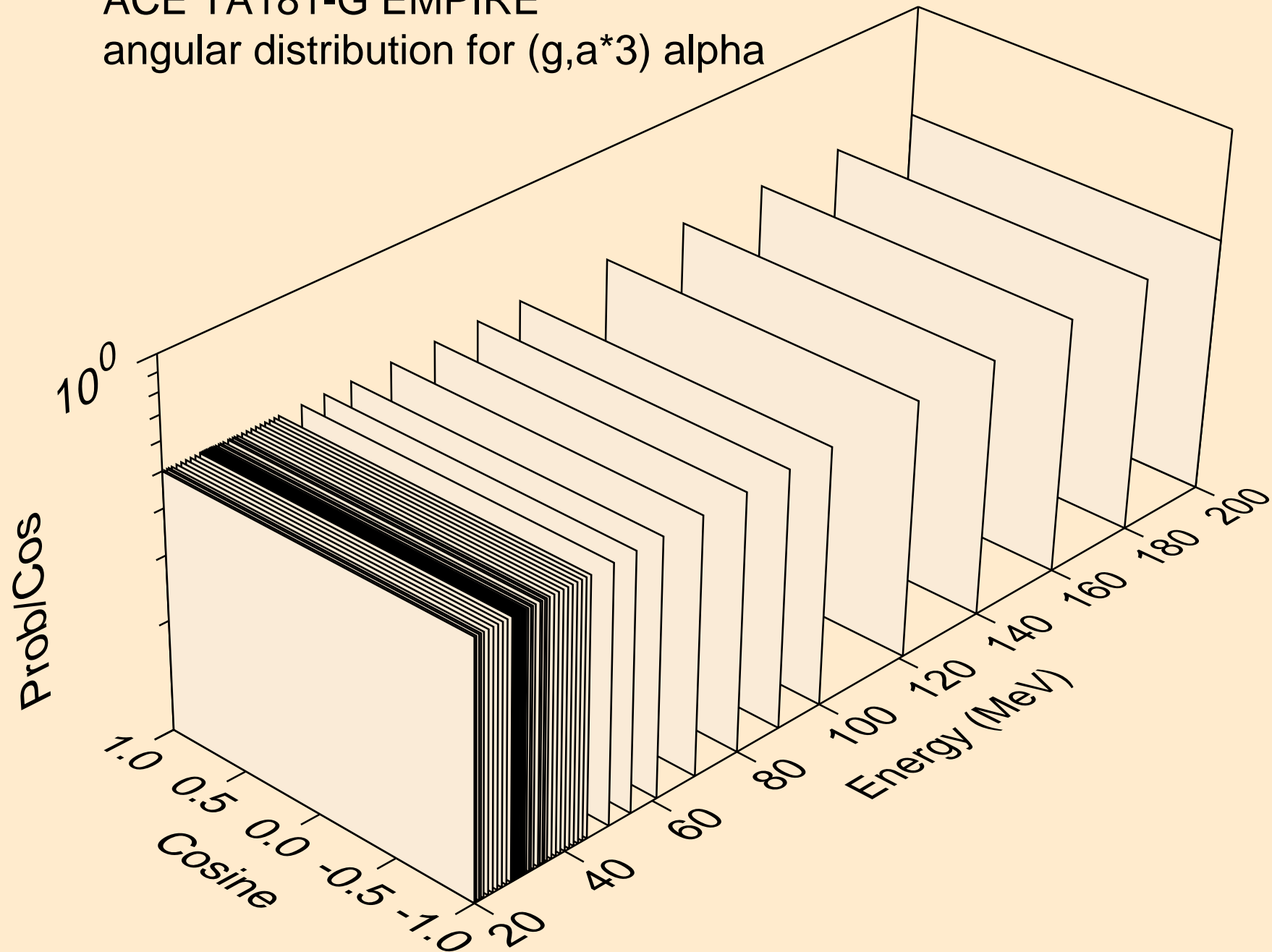
ACE TA181-G EMPIRE
angular distribution for (g,a*2) alpha



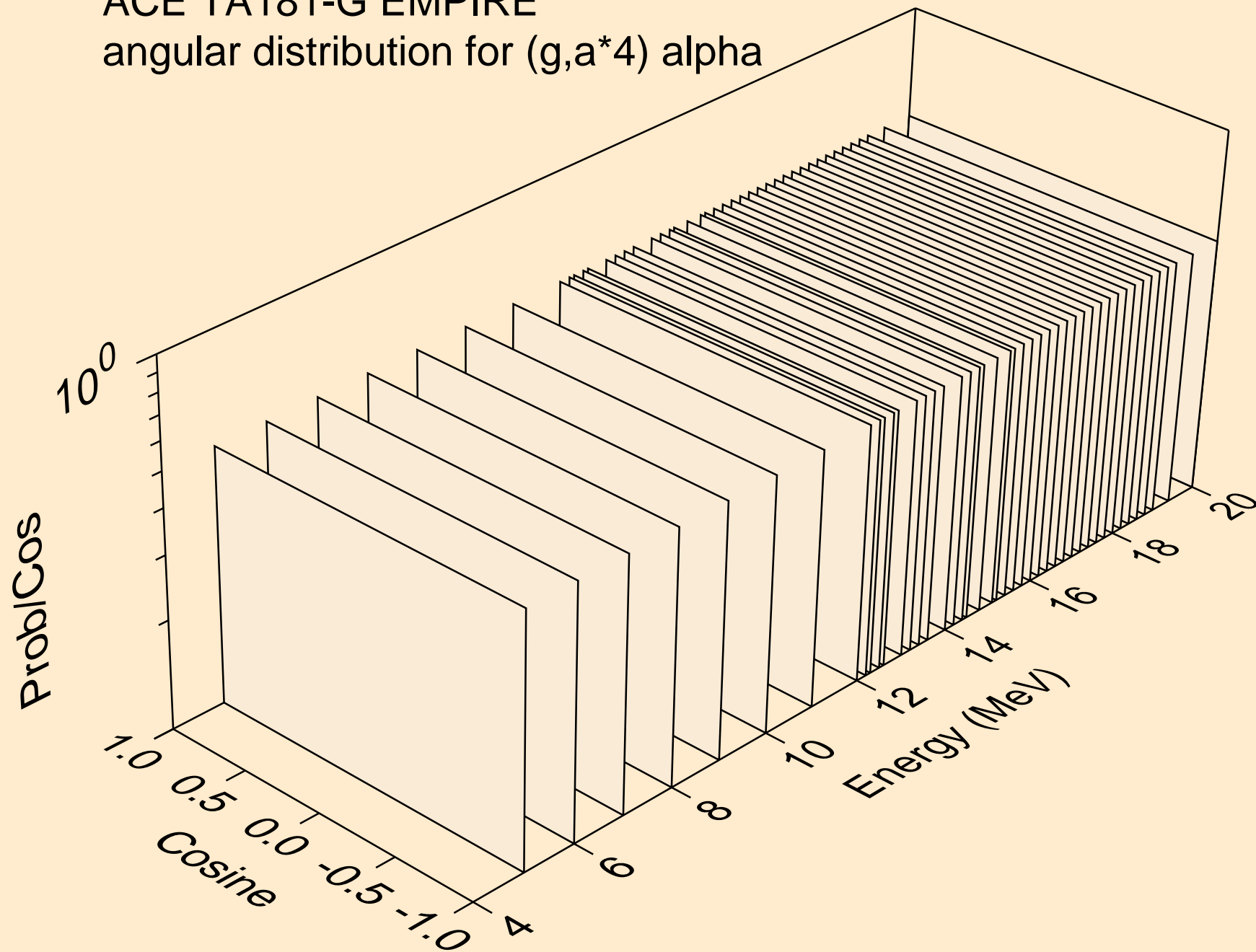
ACE TA181-G EMPIRE
angular distribution for (g,a*3) alpha



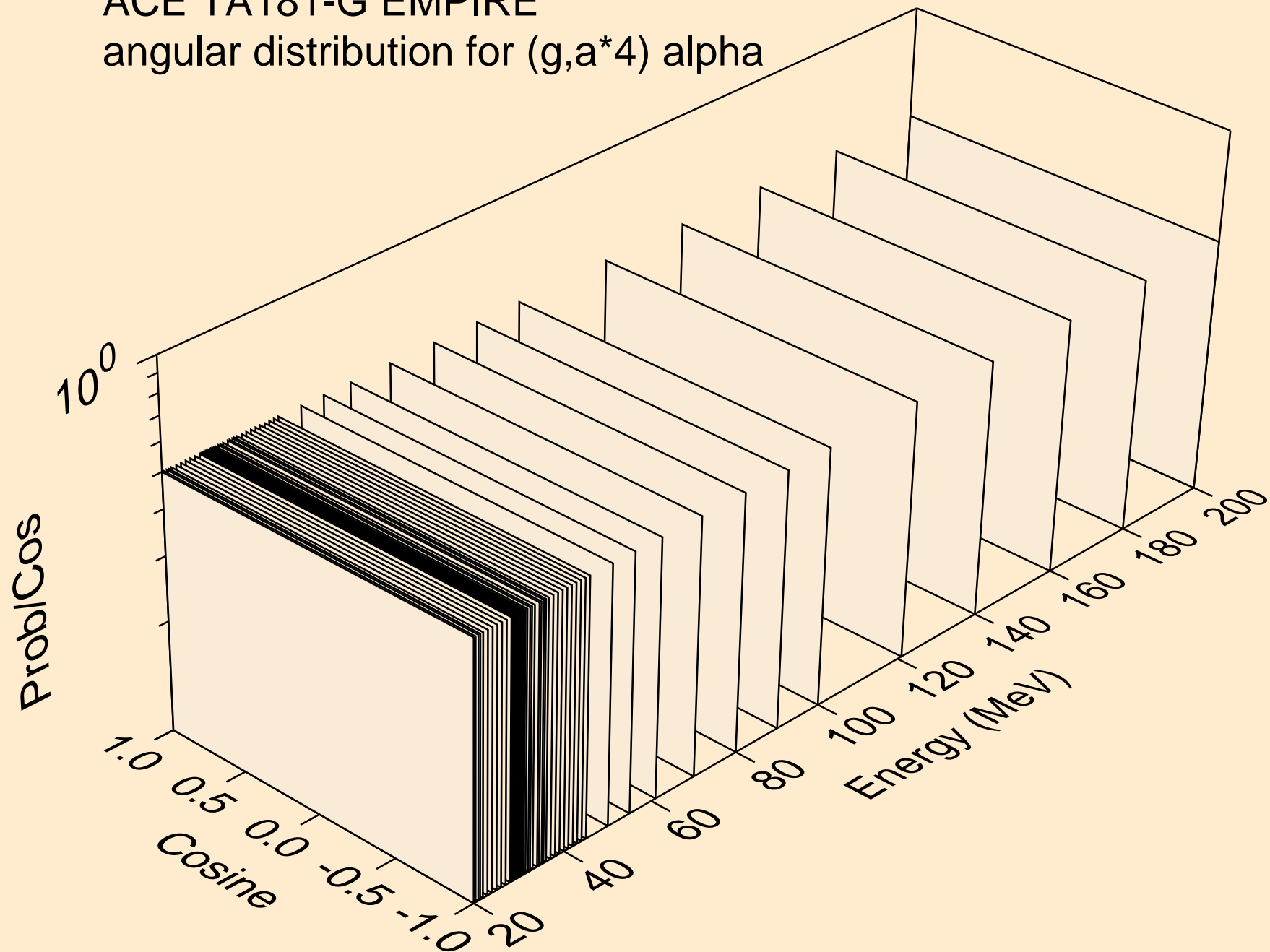
ACE TA181-G EMPIRE
angular distribution for (g,a*3) alpha



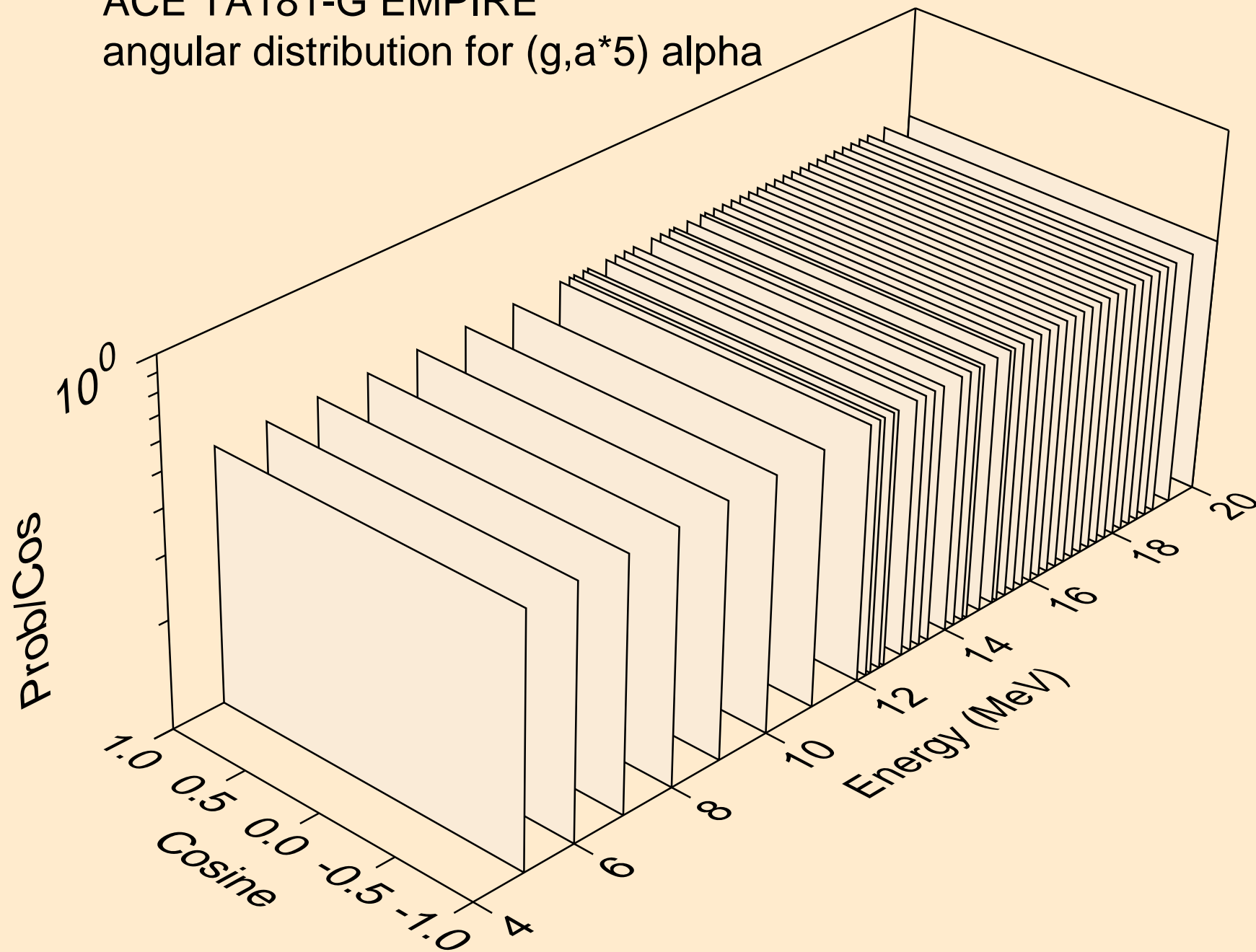
ACE TA181-G EMPIRE
angular distribution for (g,a*4) alpha



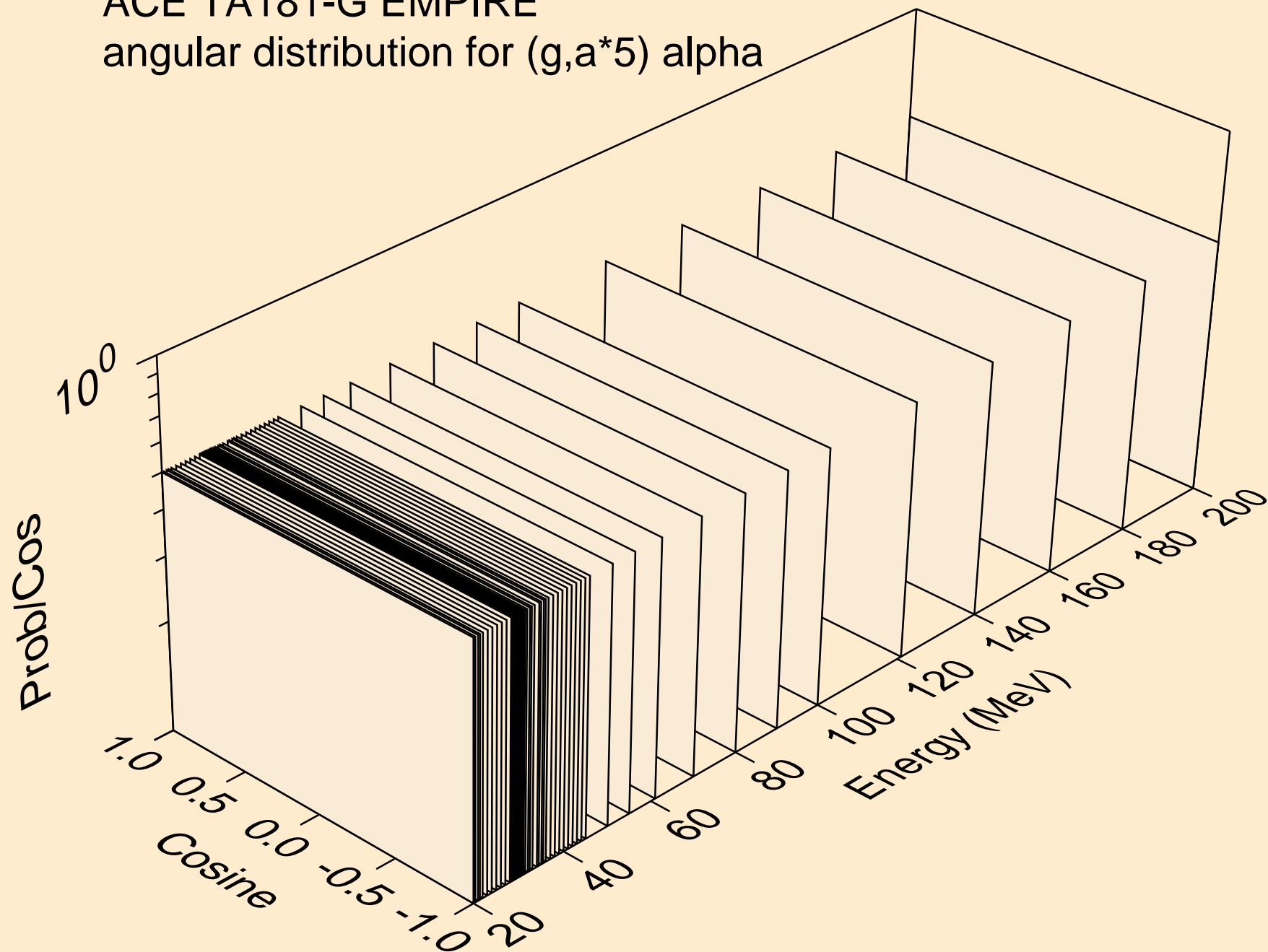
ACE TA181-G EMPIRE
angular distribution for (g,a*4) alpha



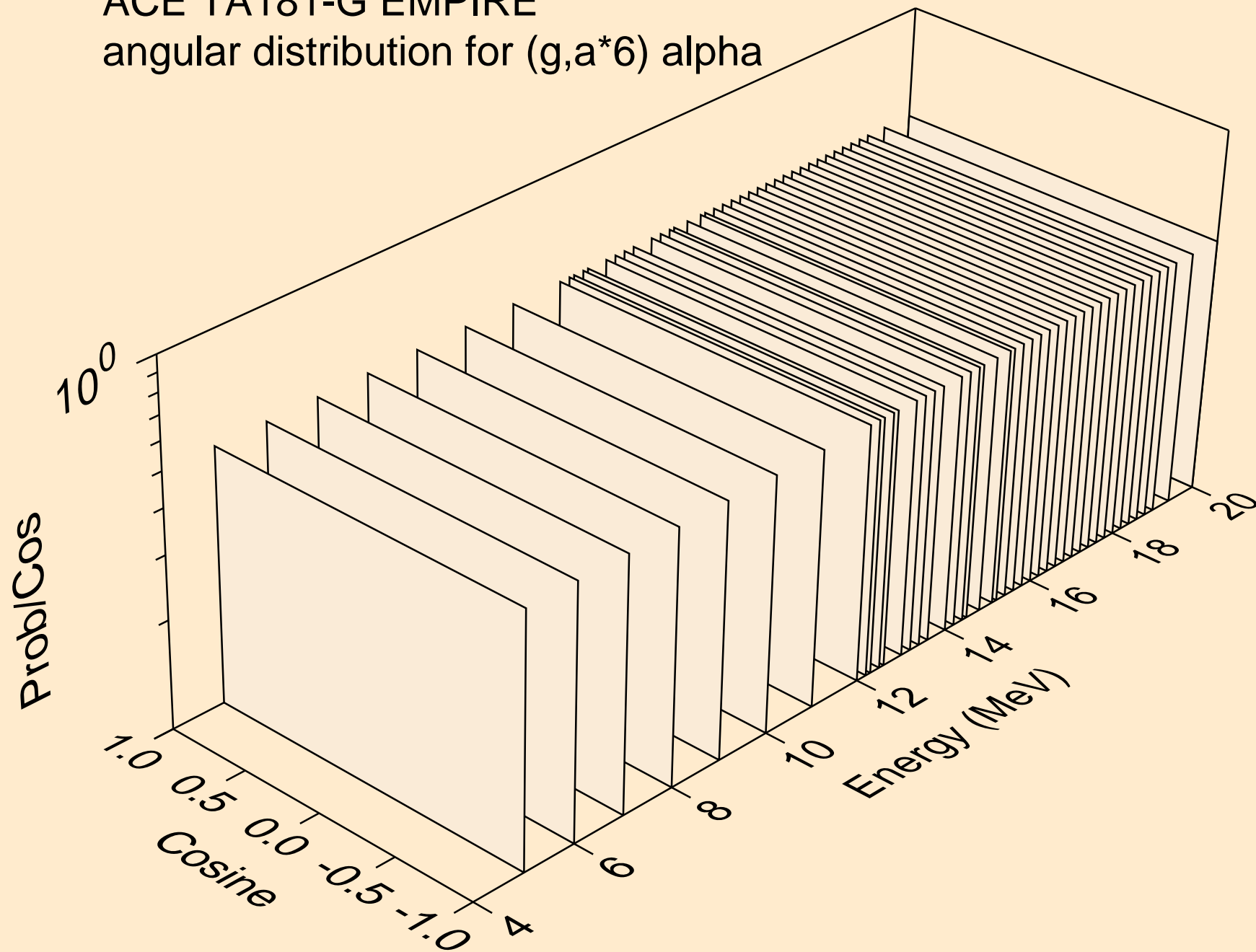
ACE TA181-G EMPIRE
angular distribution for (g,a*5) alpha



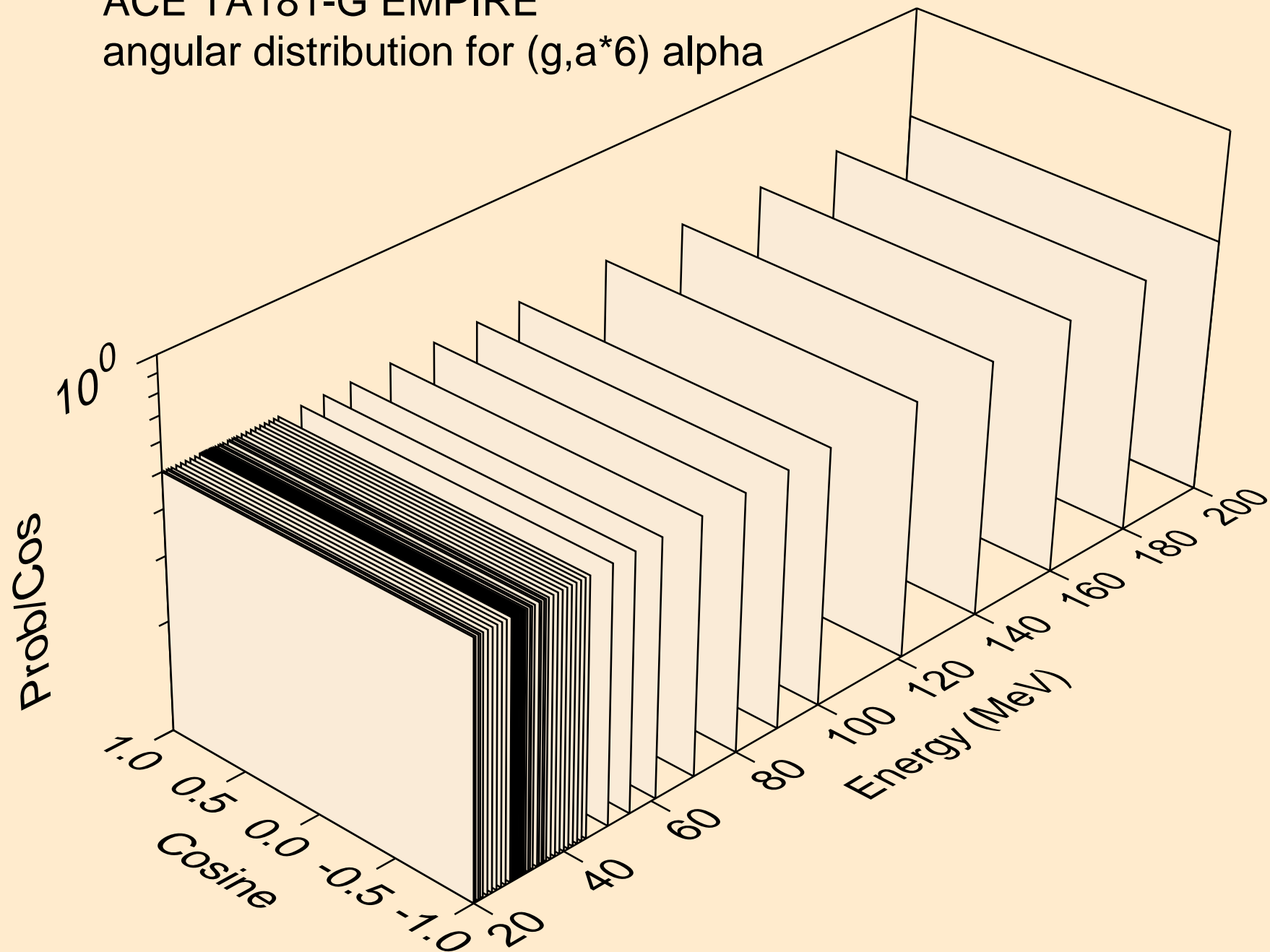
ACE TA181-G EMPIRE
angular distribution for (g,a*5) alpha



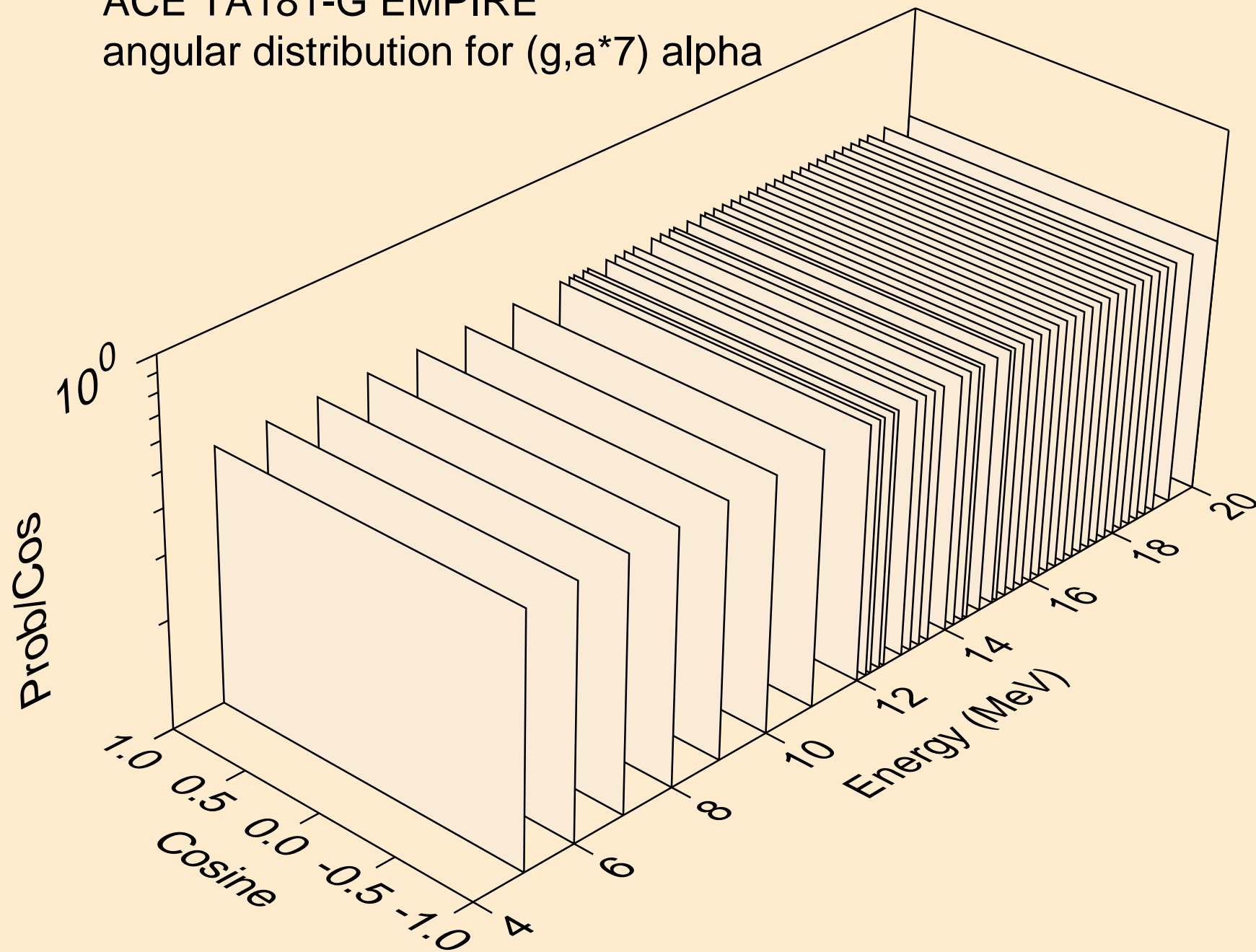
ACE TA181-G EMPIRE
angular distribution for (g,a*6) alpha



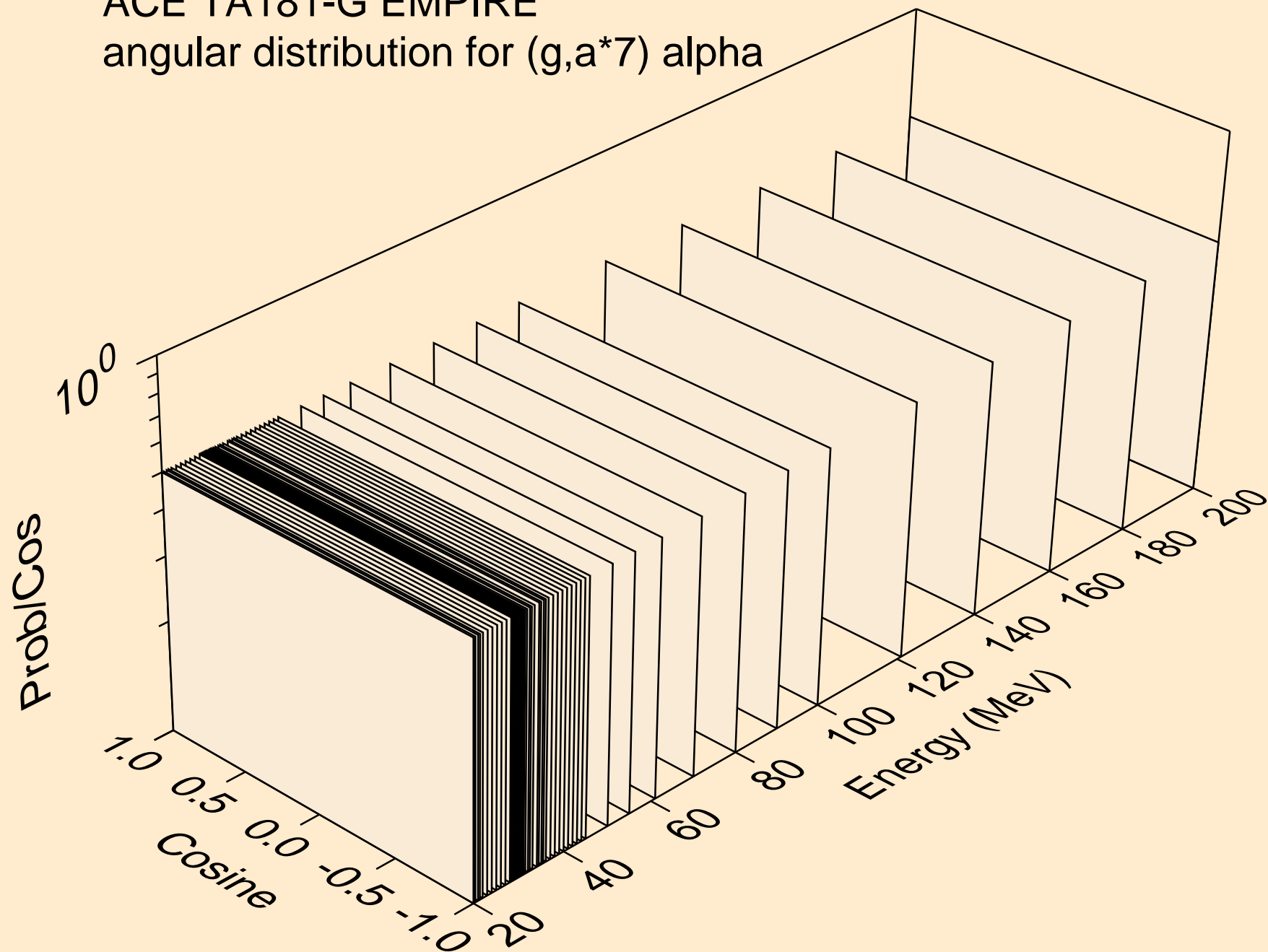
ACE TA181-G EMPIRE
angular distribution for (g,a*6) alpha



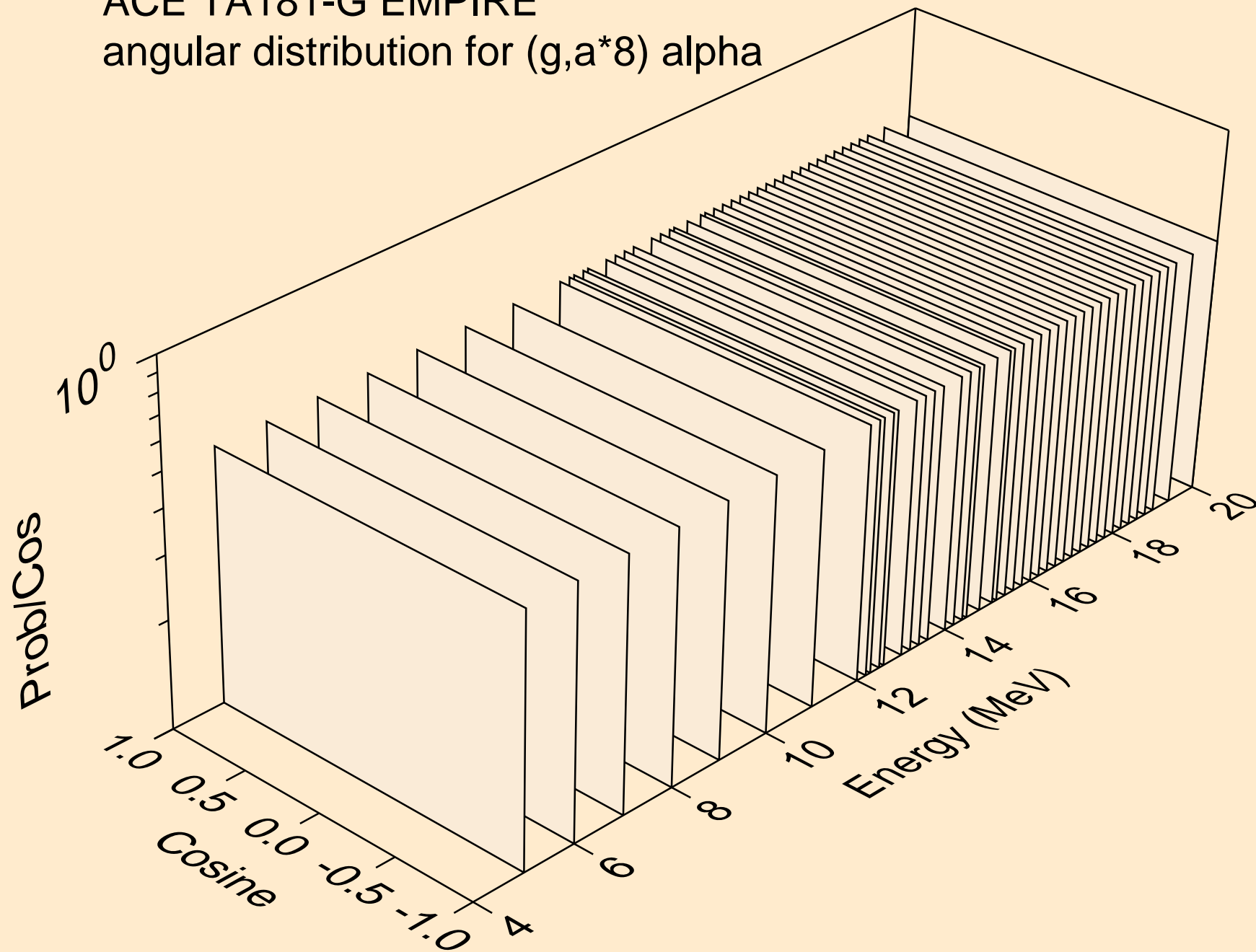
ACE TA181-G EMPIRE
angular distribution for (g,a*7) alpha



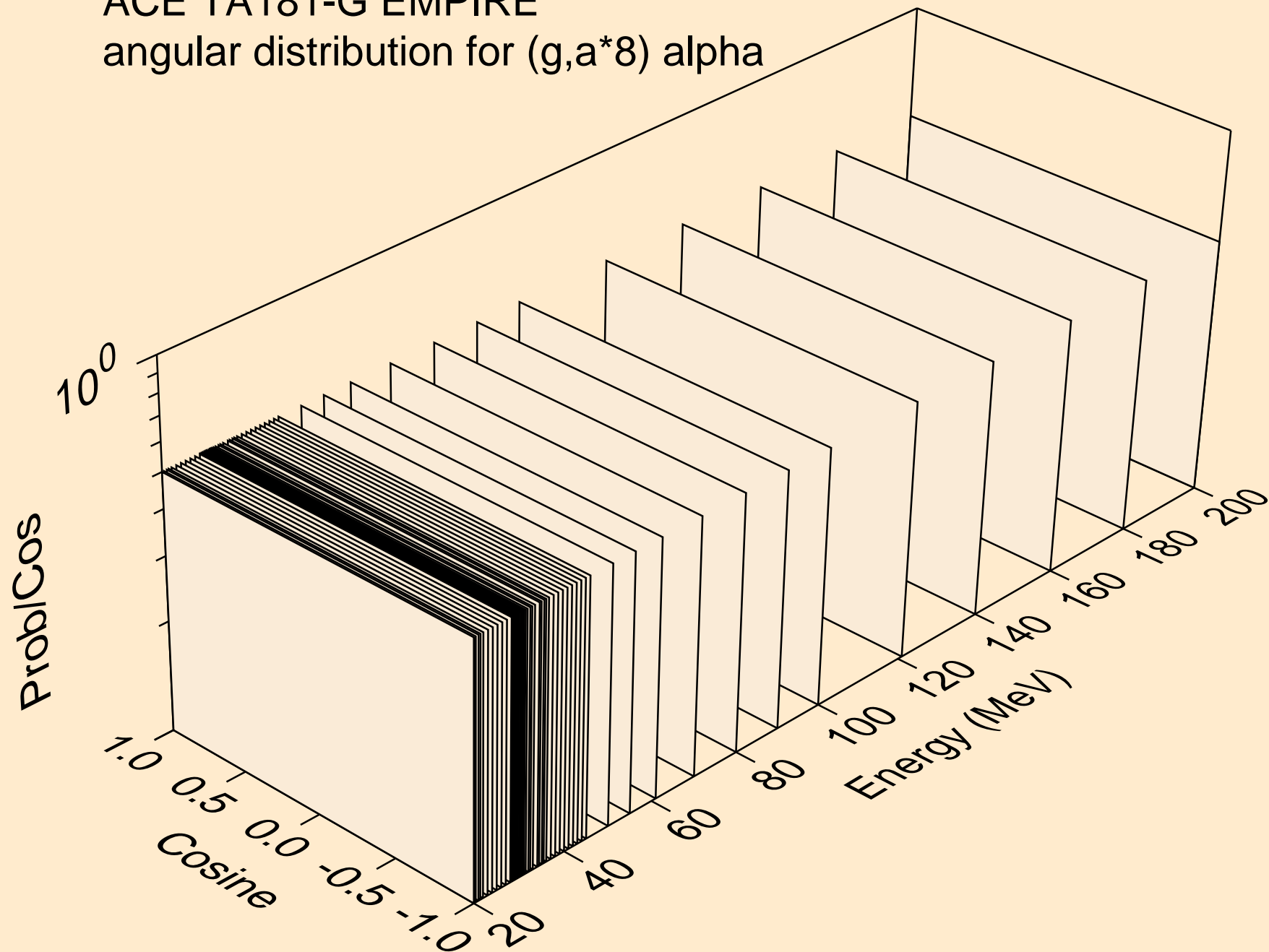
ACE TA181-G EMPIRE
angular distribution for (g,a*7) alpha



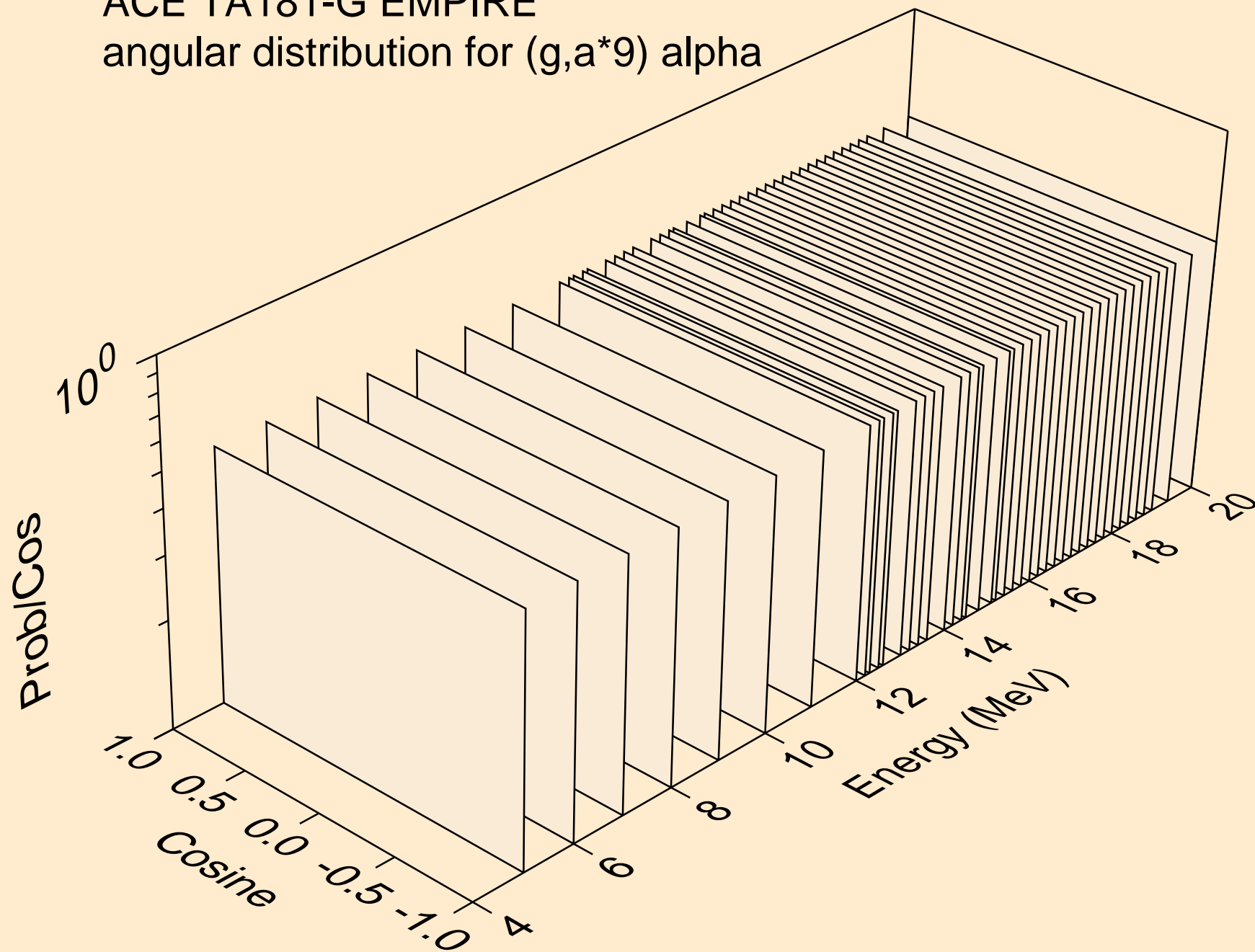
ACE TA181-G EMPIRE
angular distribution for (g,a*8) alpha



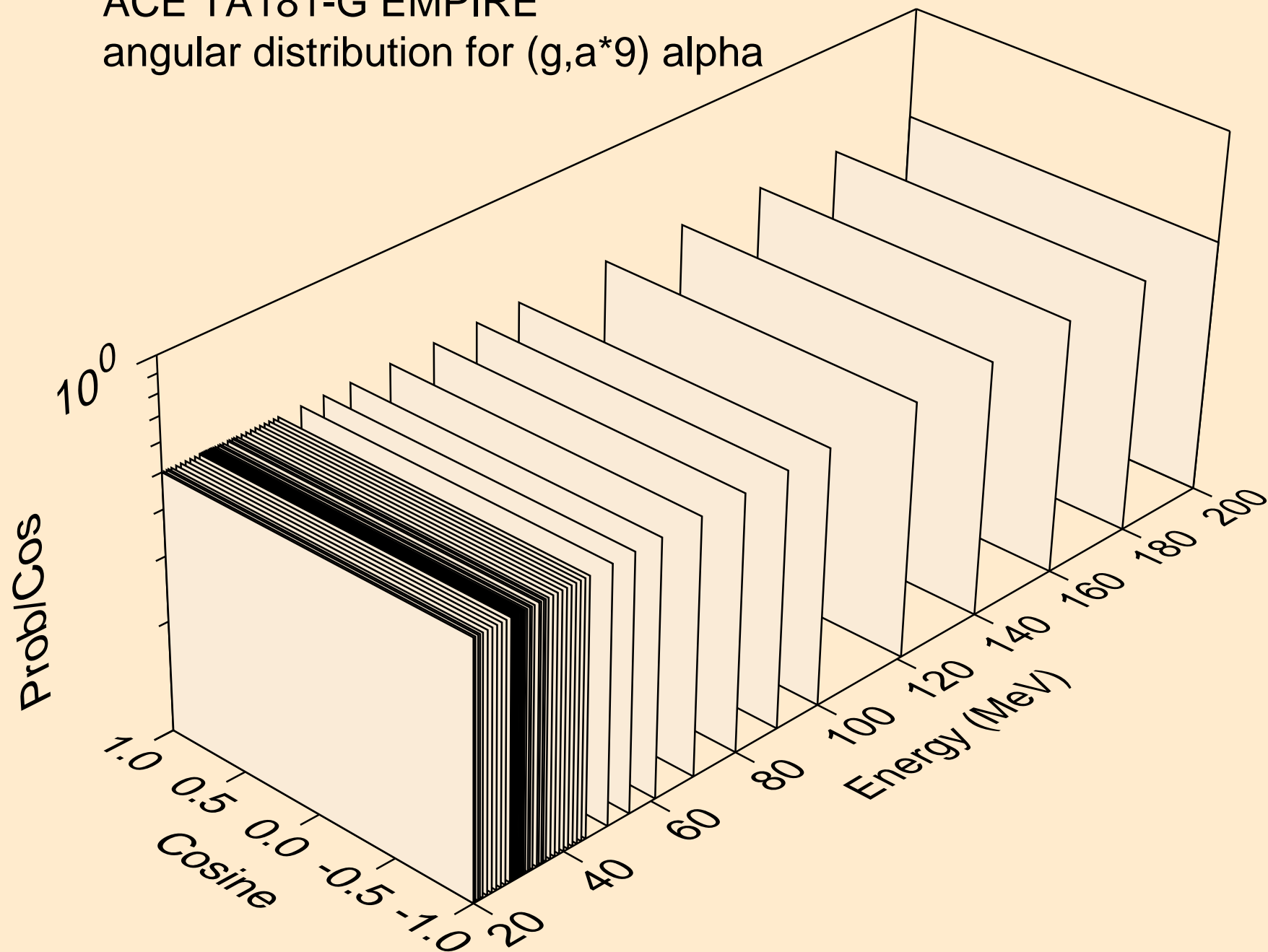
ACE TA181-G EMPIRE
angular distribution for (g,a*8) alpha



ACE TA181-G EMPIRE
angular distribution for (g,a*9) alpha

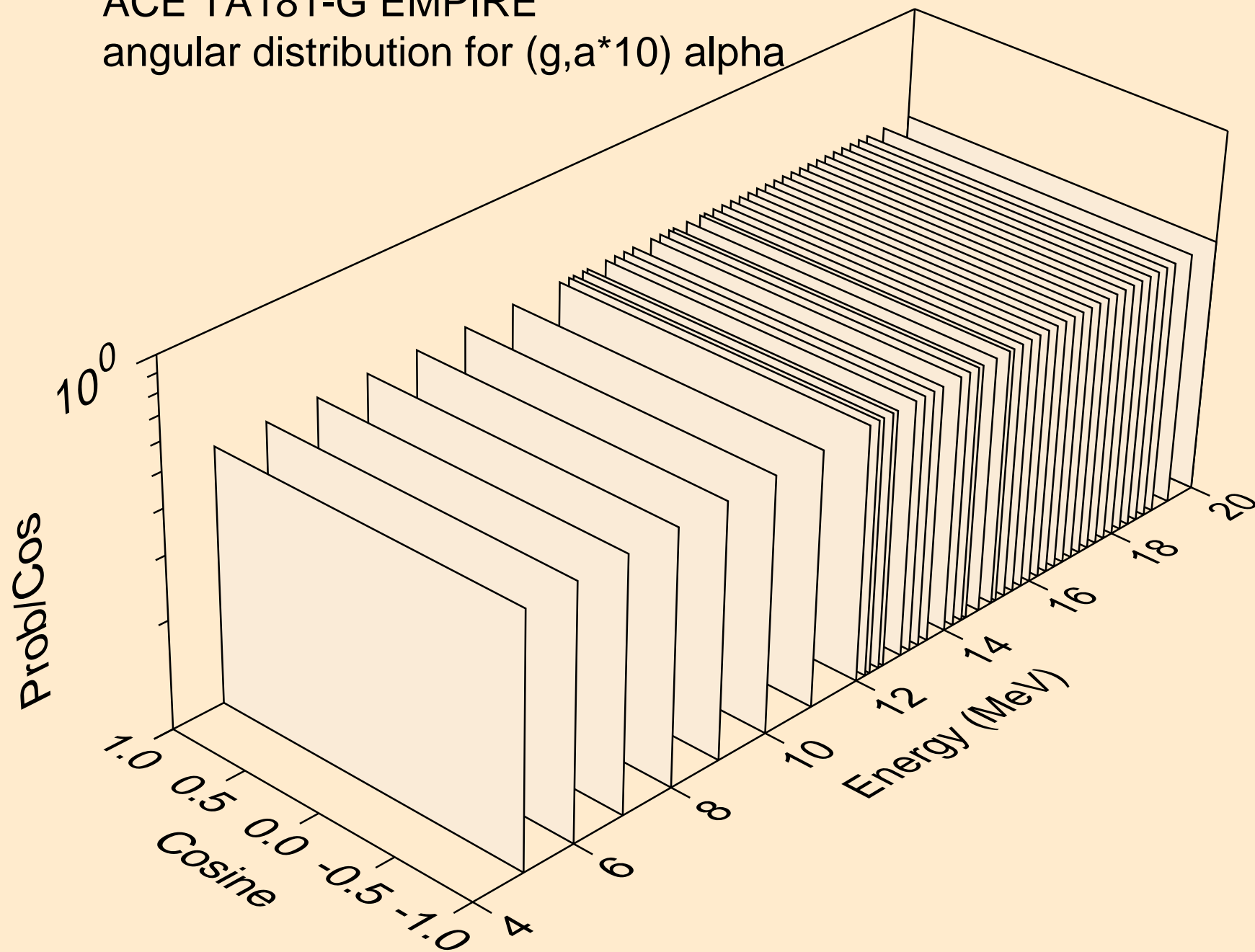


ACE TA181-G EMPIRE
angular distribution for (g,a*9) alpha

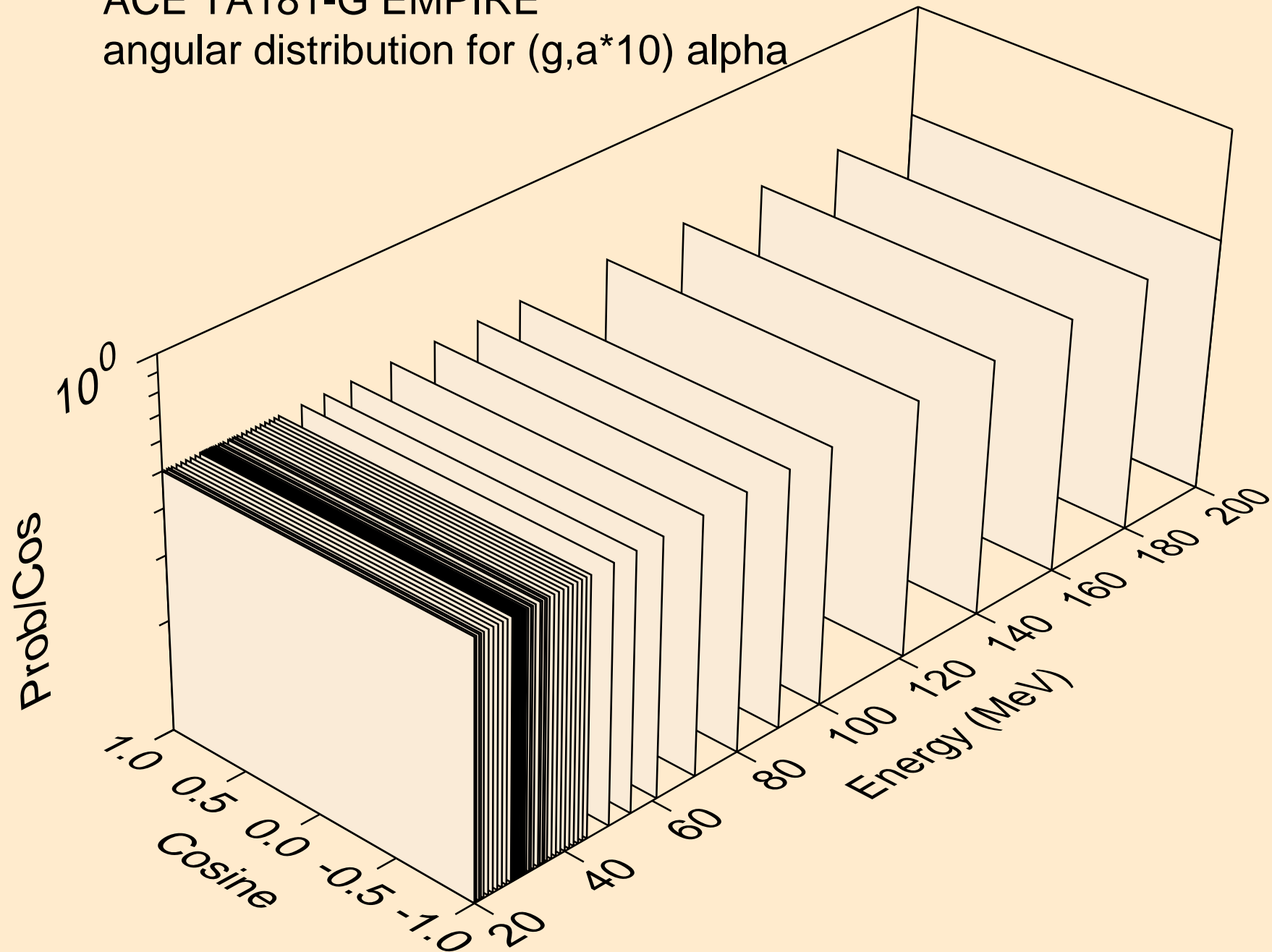


ACE TA181-G EMPIRE

angular distribution for (g,a*10) alpha

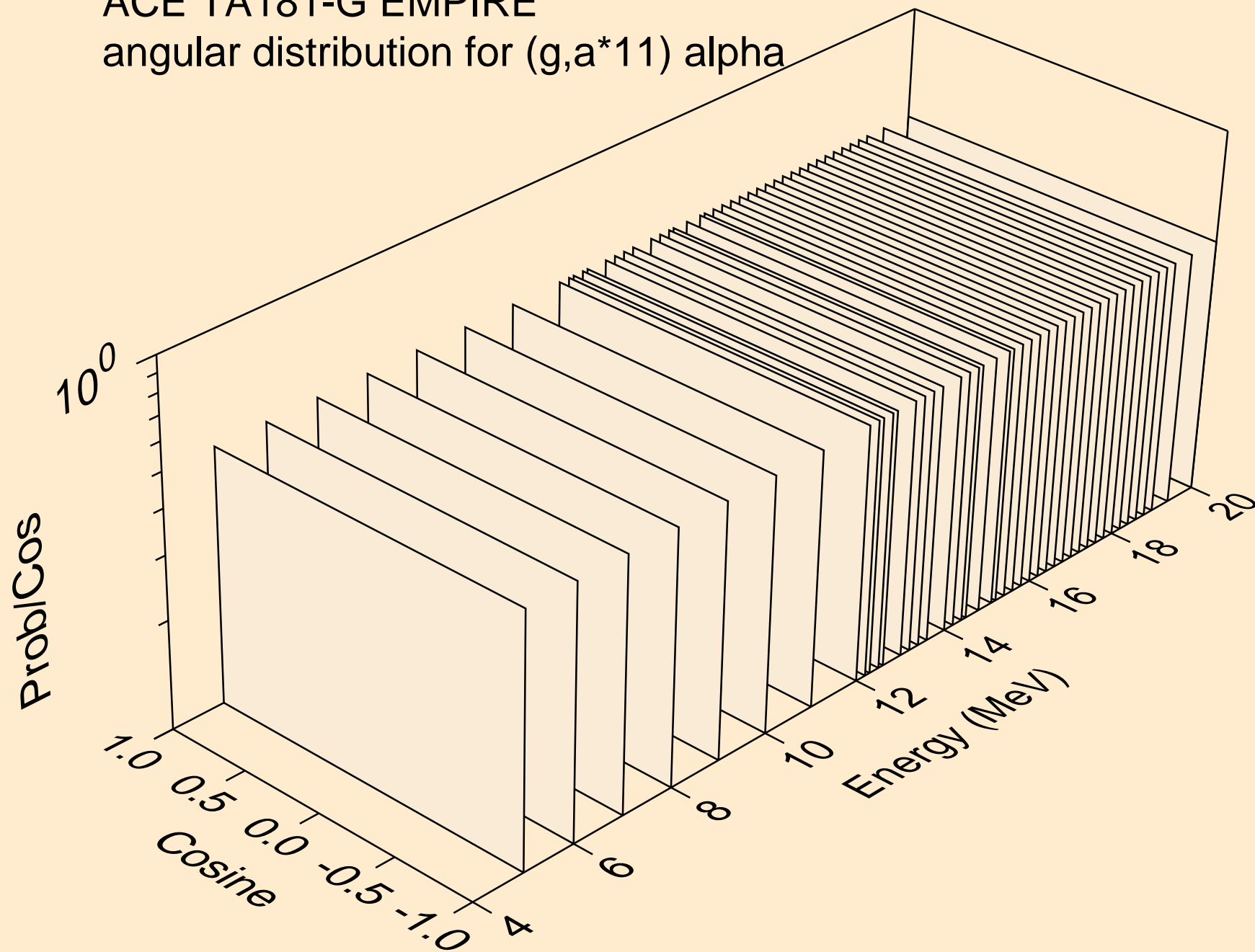


ACE TA181-G EMPIRE
angular distribution for (g,a*10) alpha

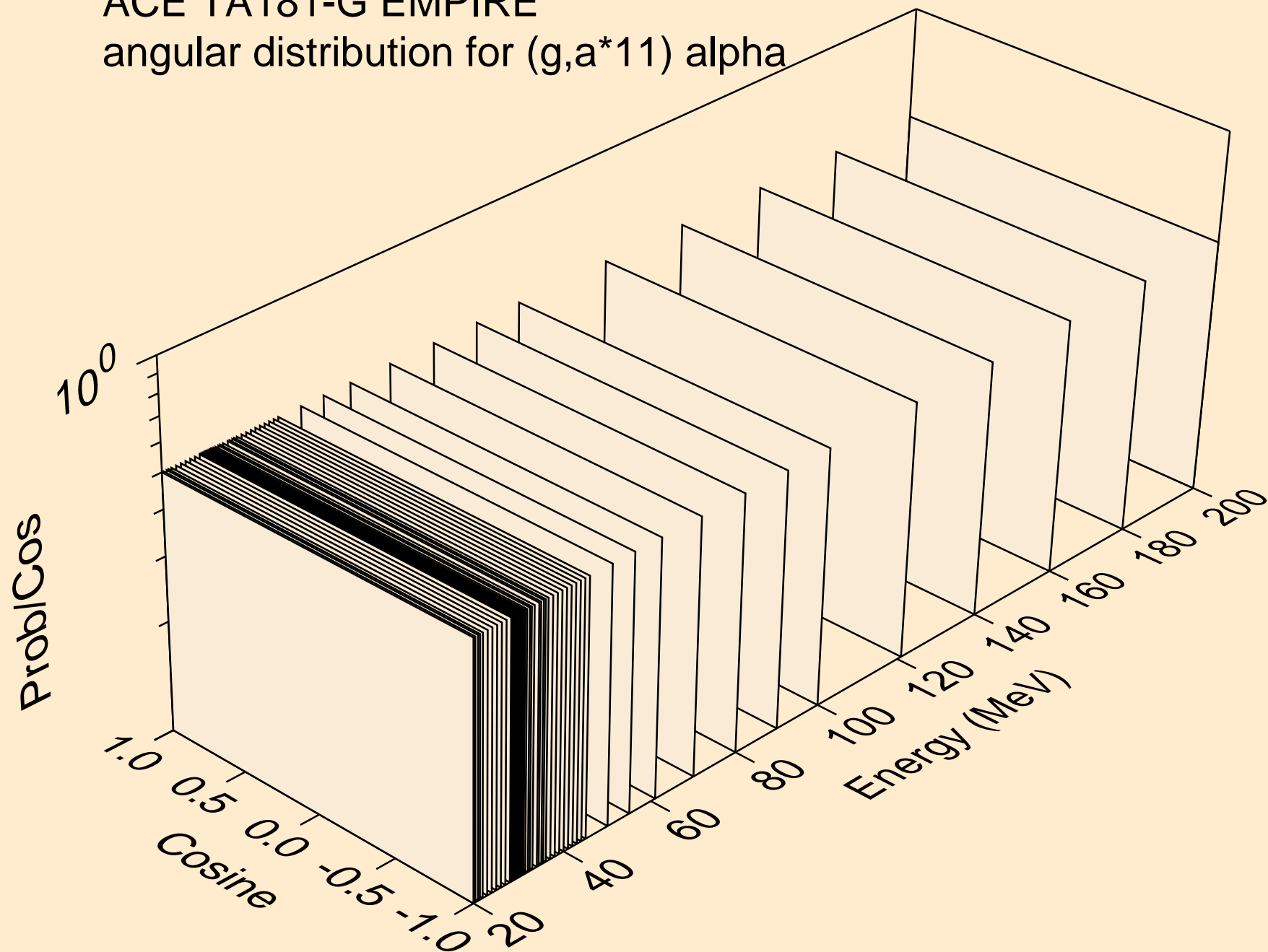


ACE TA181-G EMPIRE

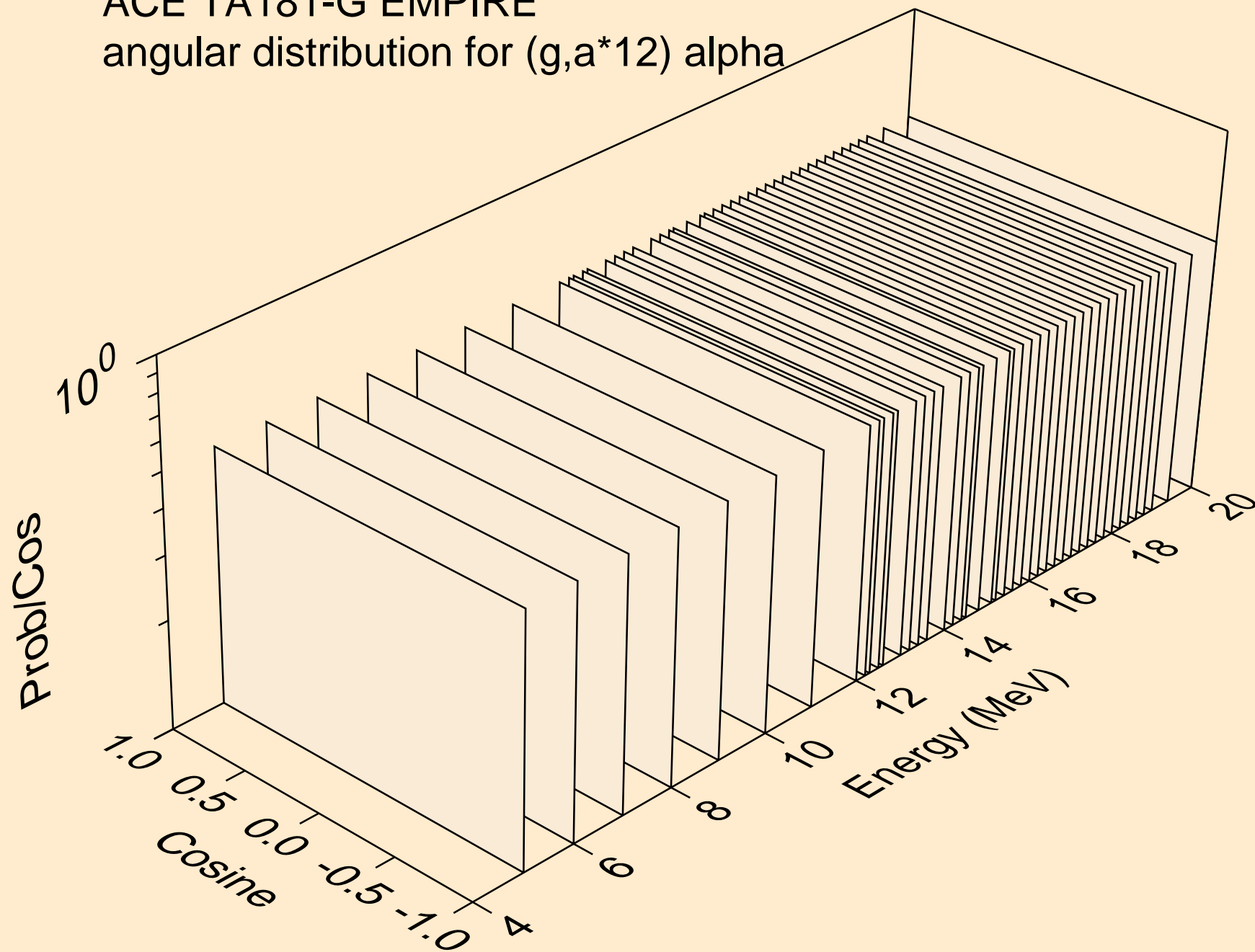
angular distribution for (g,a*11) alpha



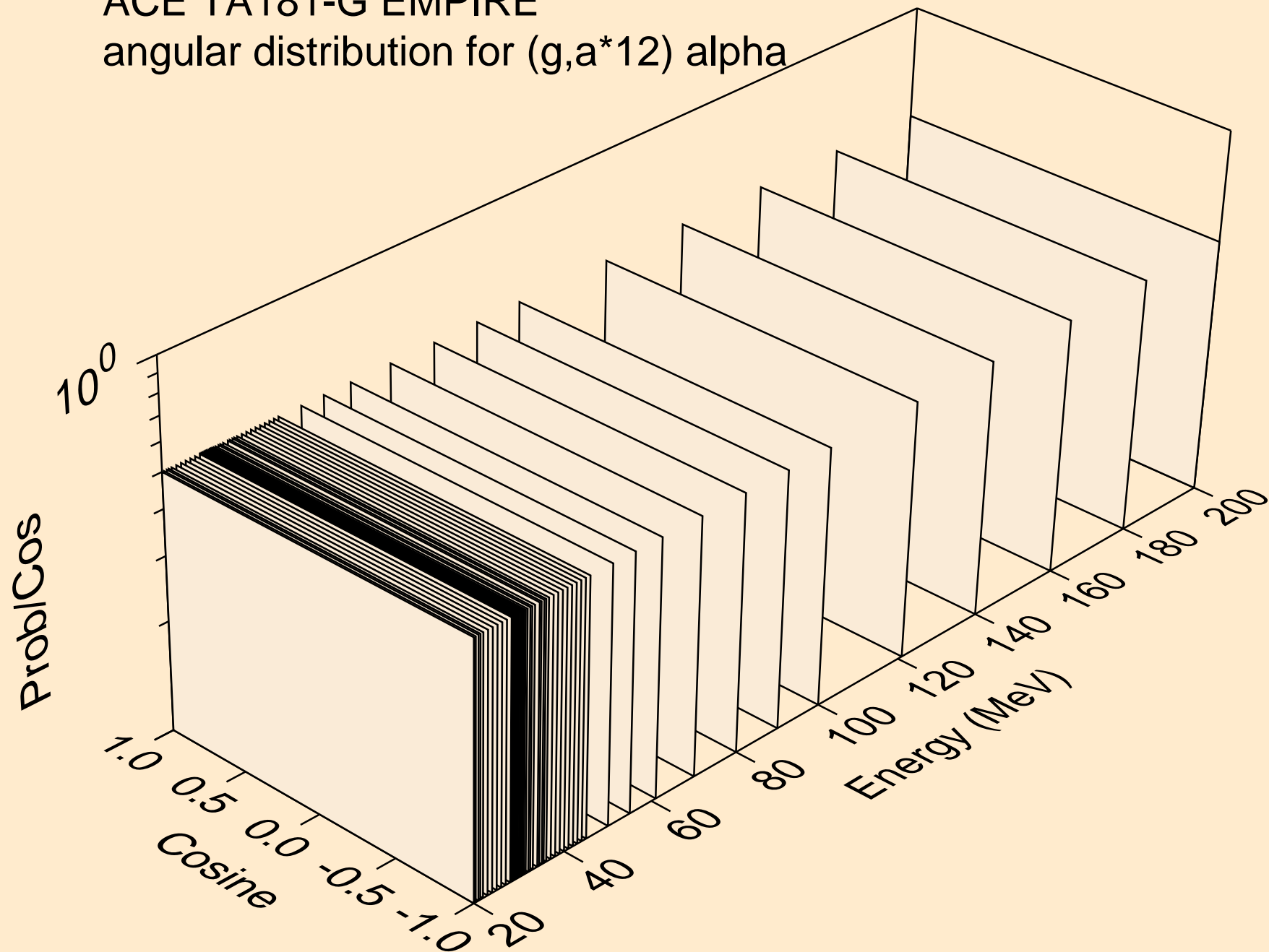
ACE TA181-G EMPIRE
angular distribution for (g,a*11) alpha



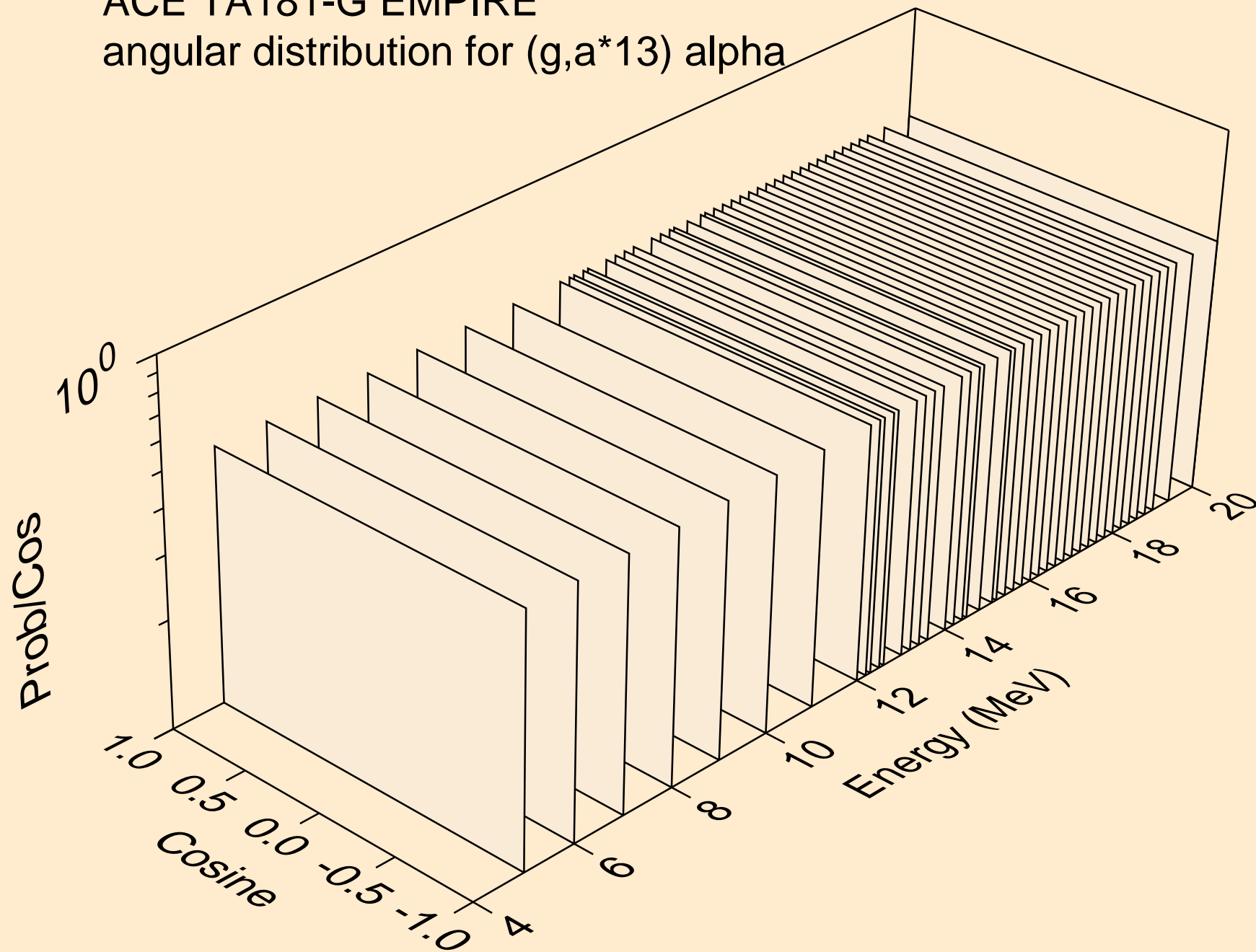
ACE TA181-G EMPIRE
angular distribution for (g,a*12) alpha



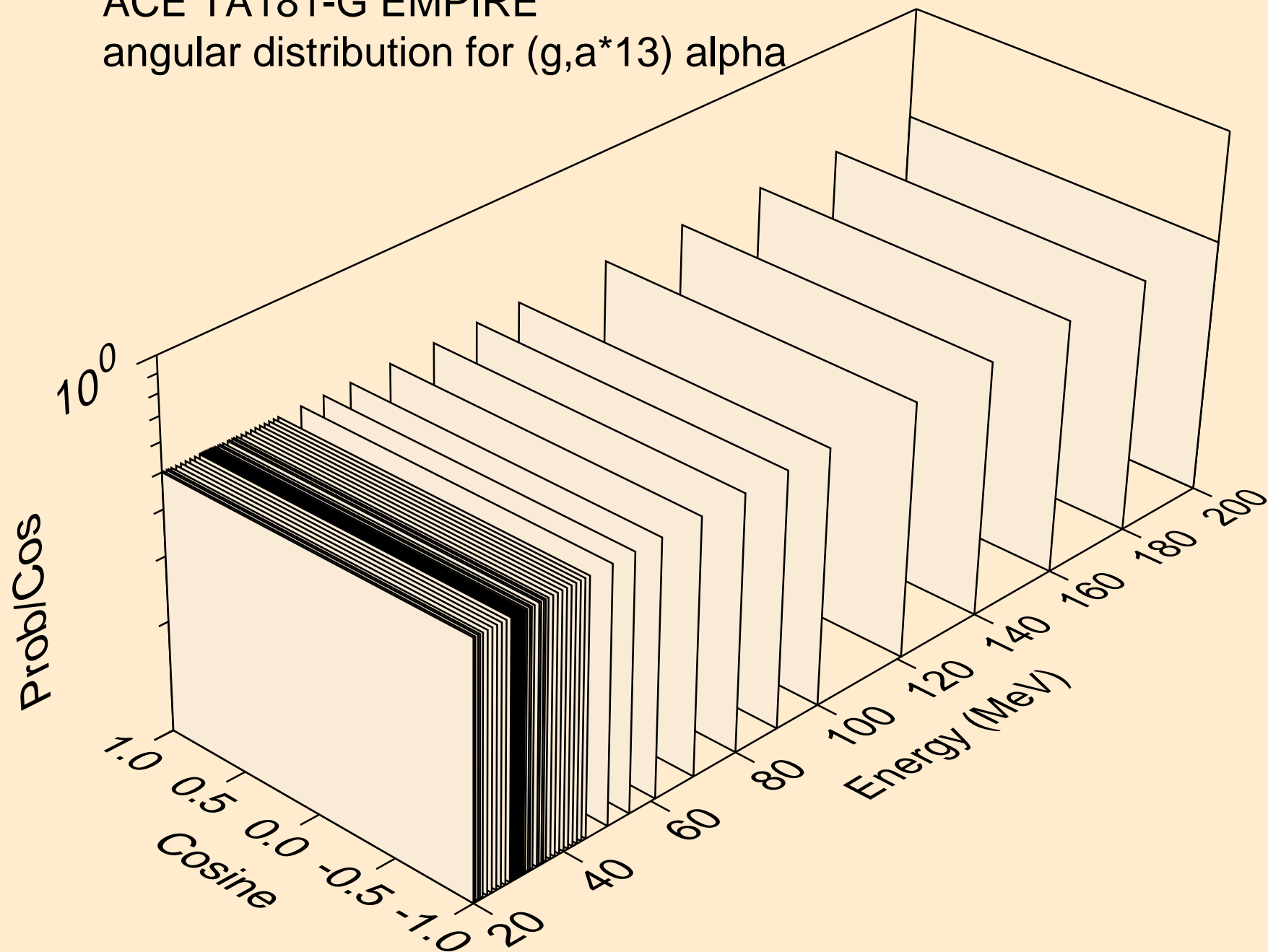
ACE TA181-G EMPIRE
angular distribution for (g,a*12) alpha



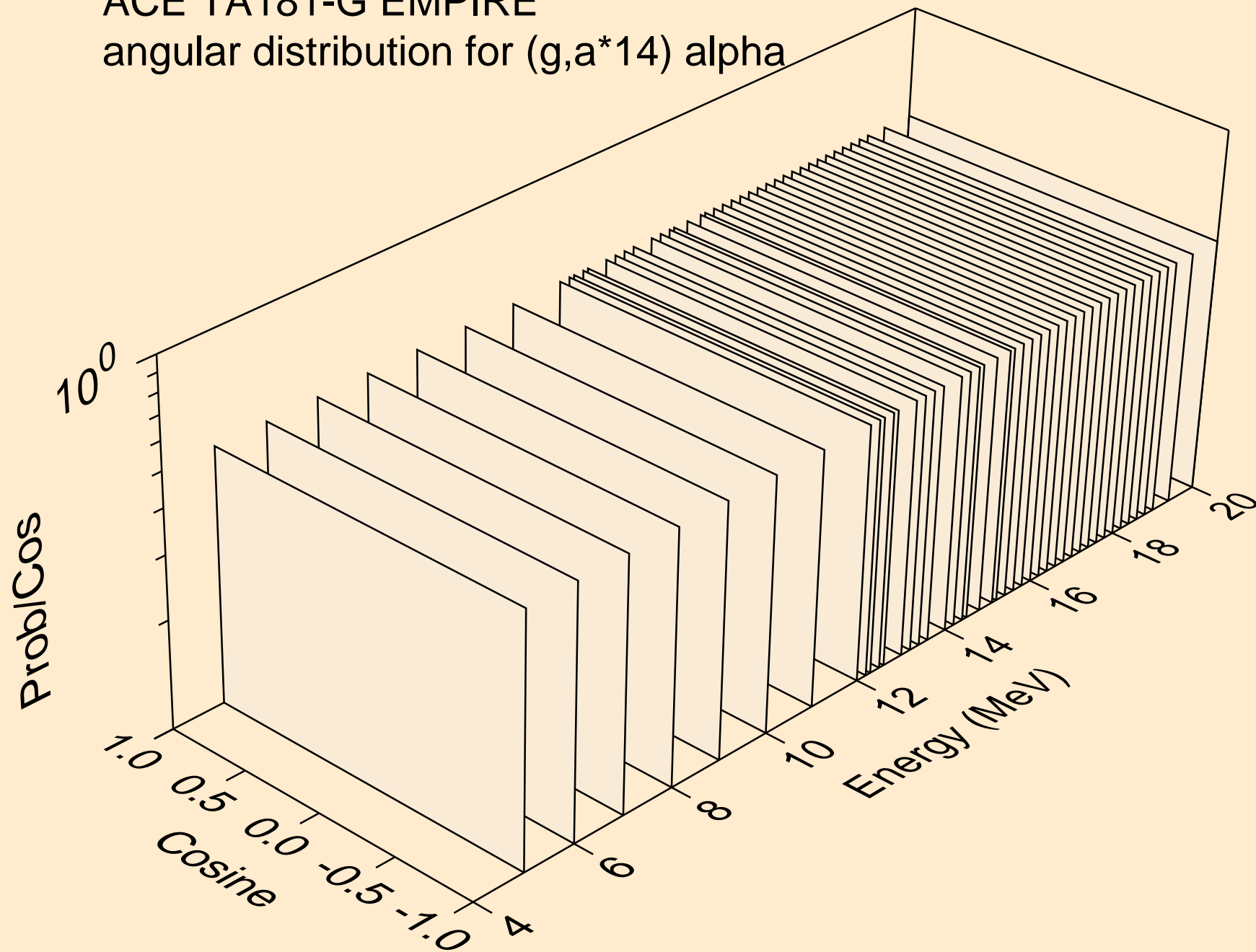
ACE TA181-G EMPIRE
angular distribution for (g,a*13) alpha



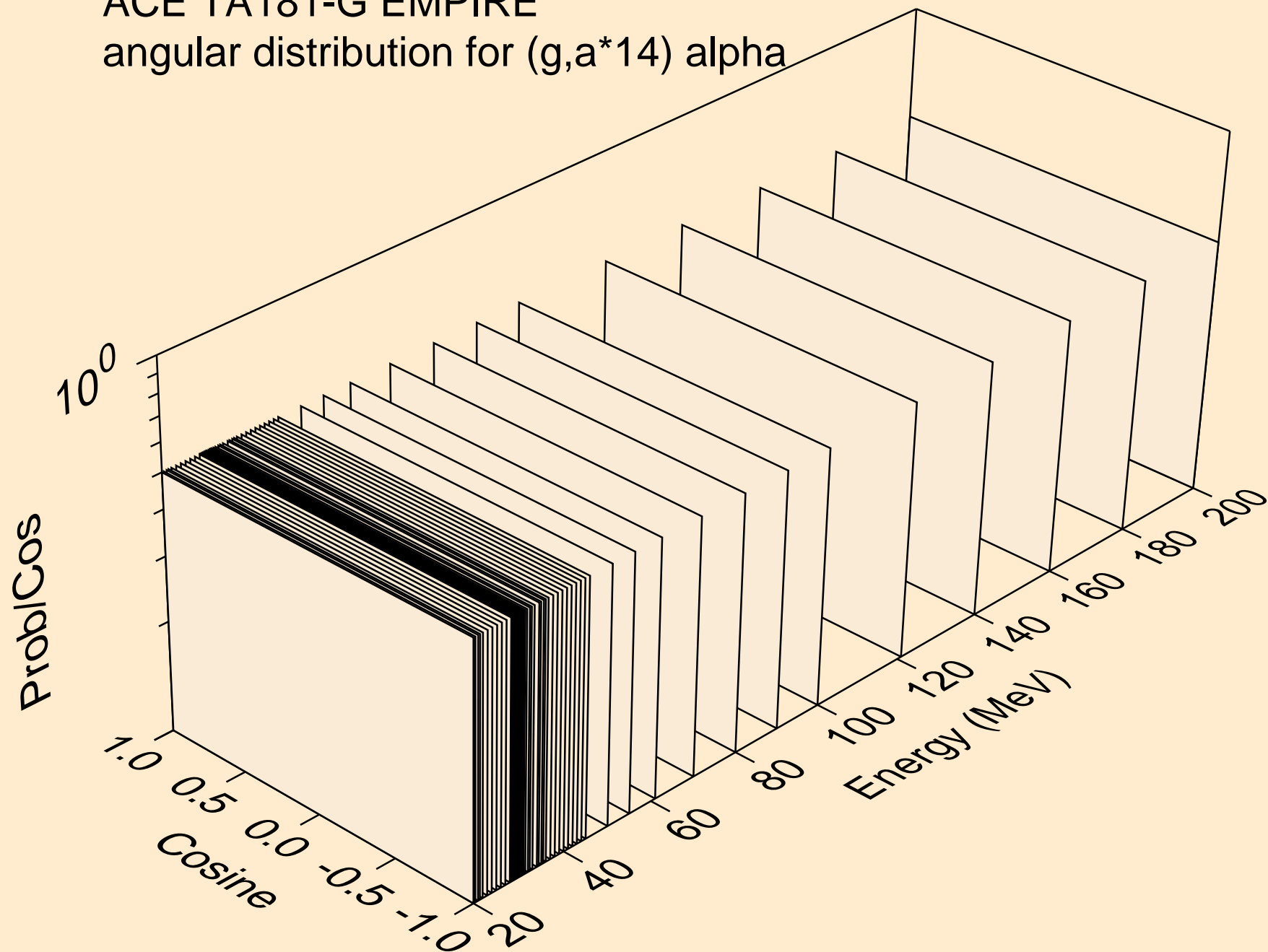
ACE TA181-G EMPIRE
angular distribution for (g,a*13) alpha



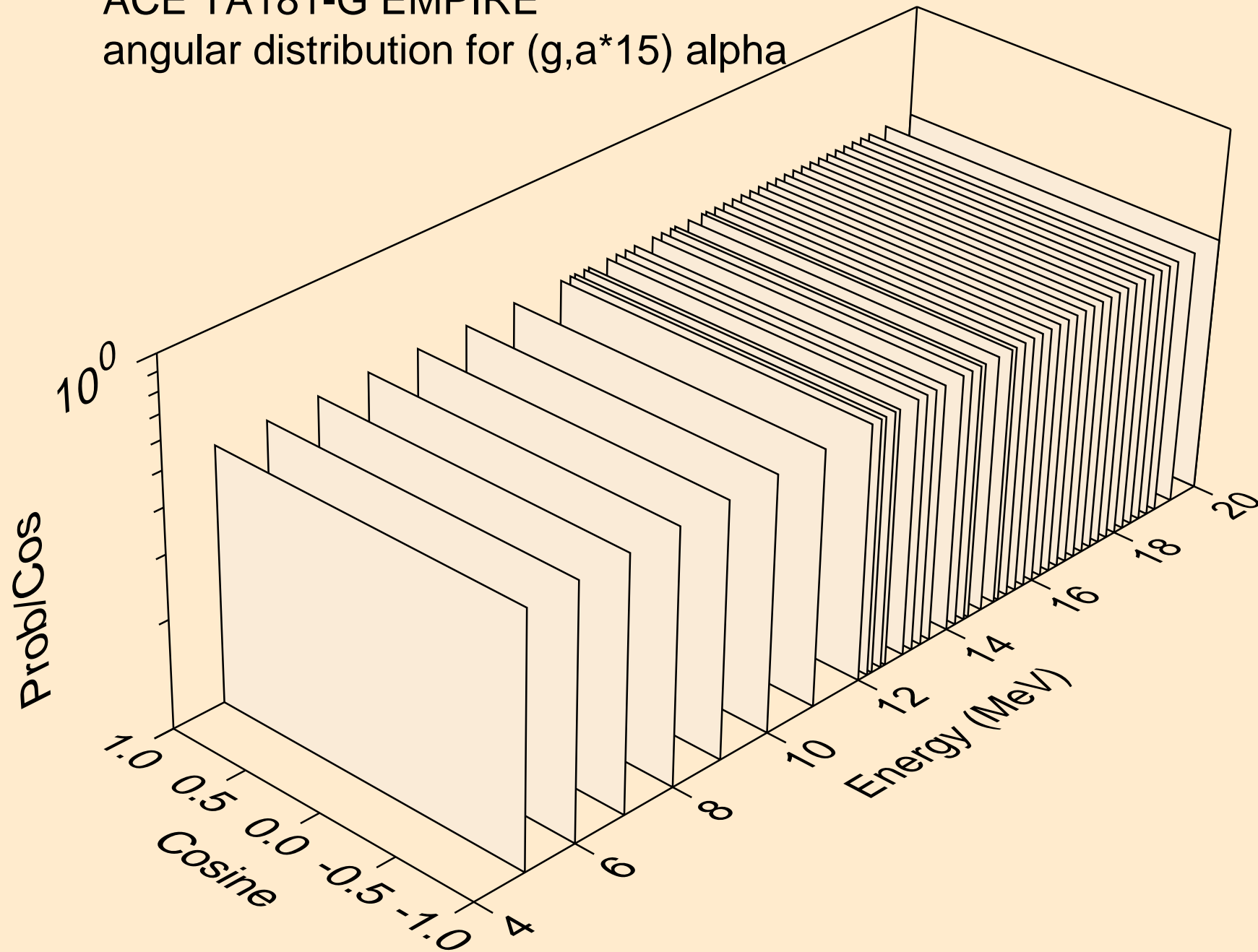
ACE TA181-G EMPIRE
angular distribution for (g,a*14) alpha



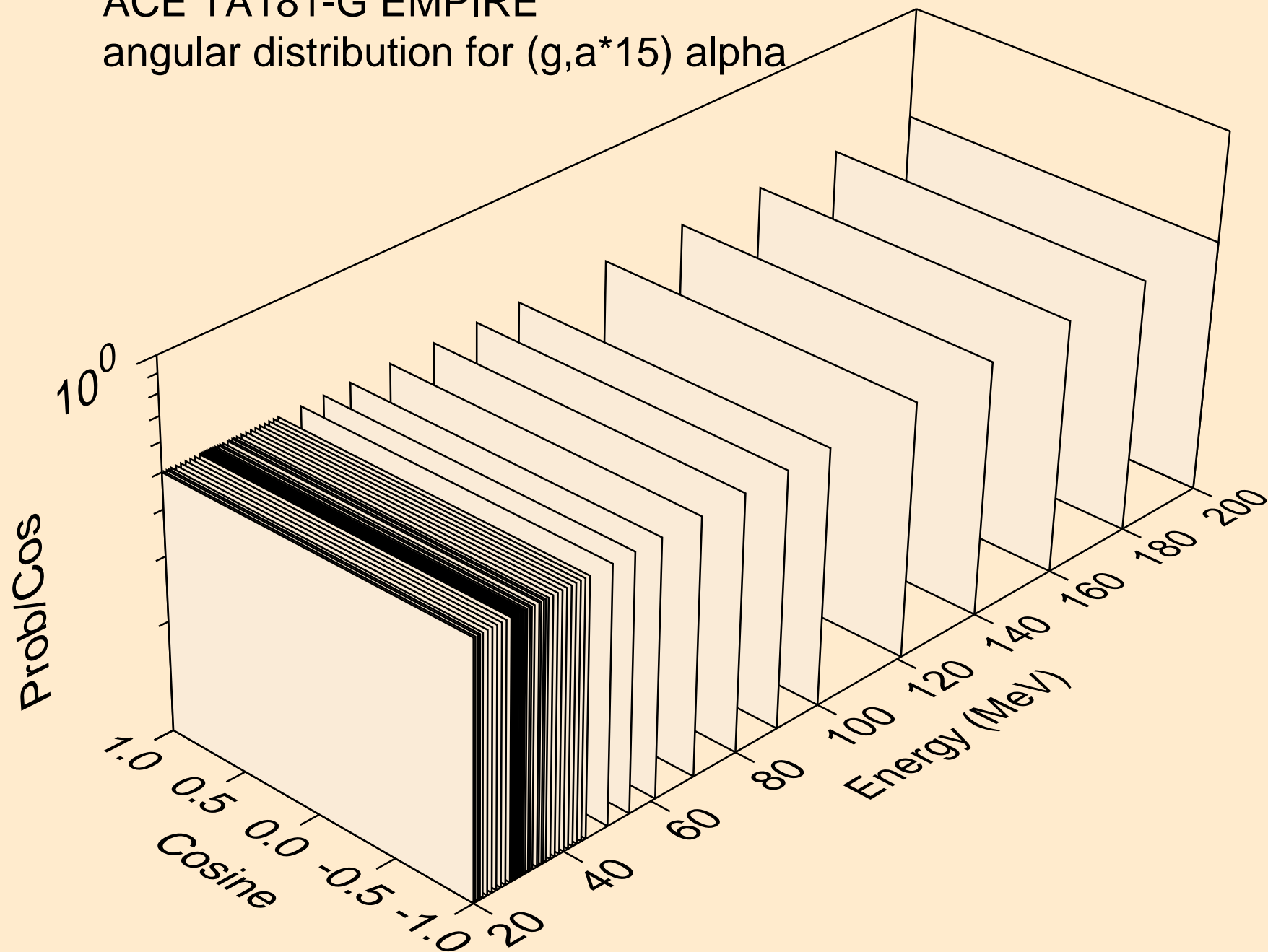
ACE TA181-G EMPIRE
angular distribution for (g,a*14) alpha



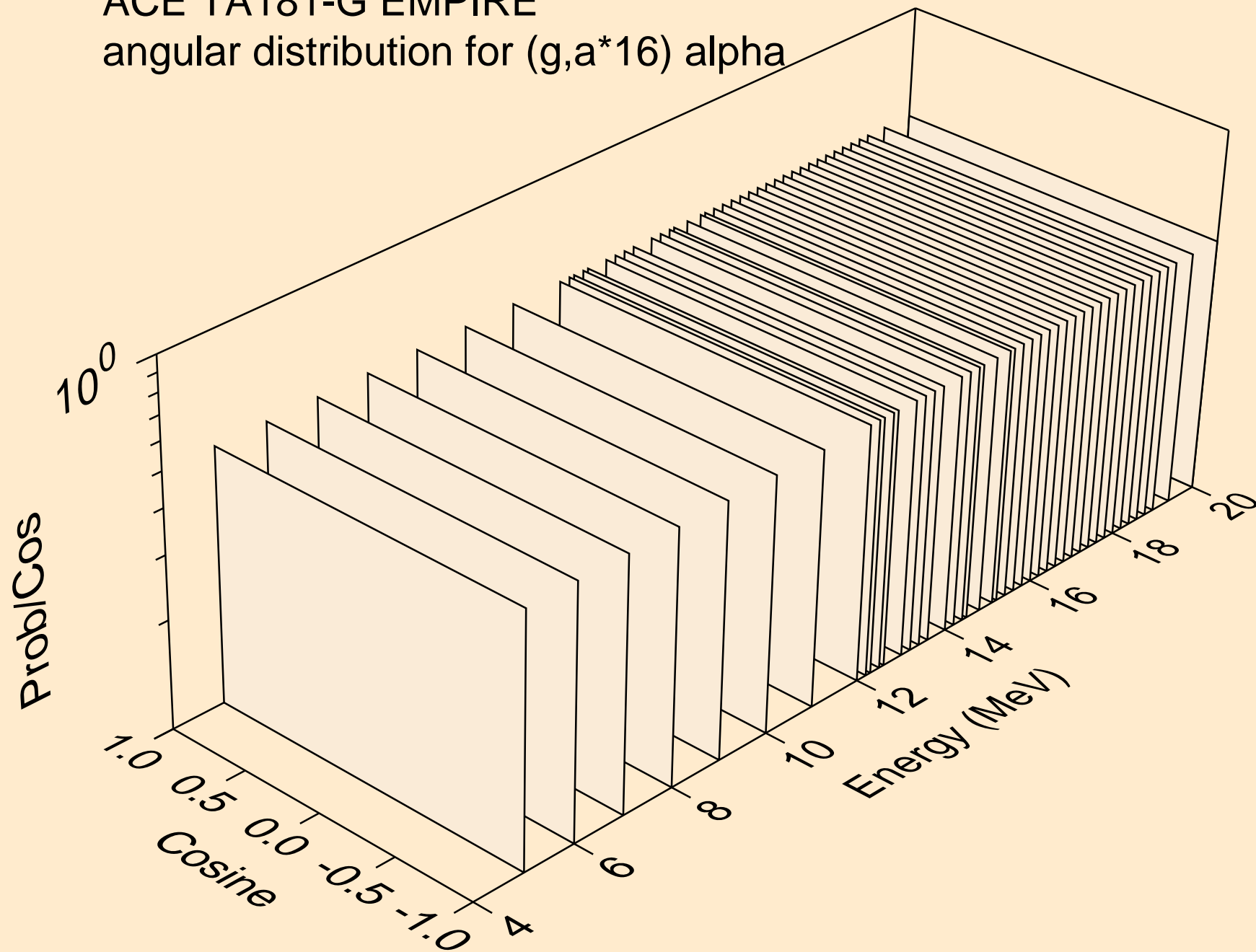
ACE TA181-G EMPIRE
angular distribution for (g,a*15) alpha



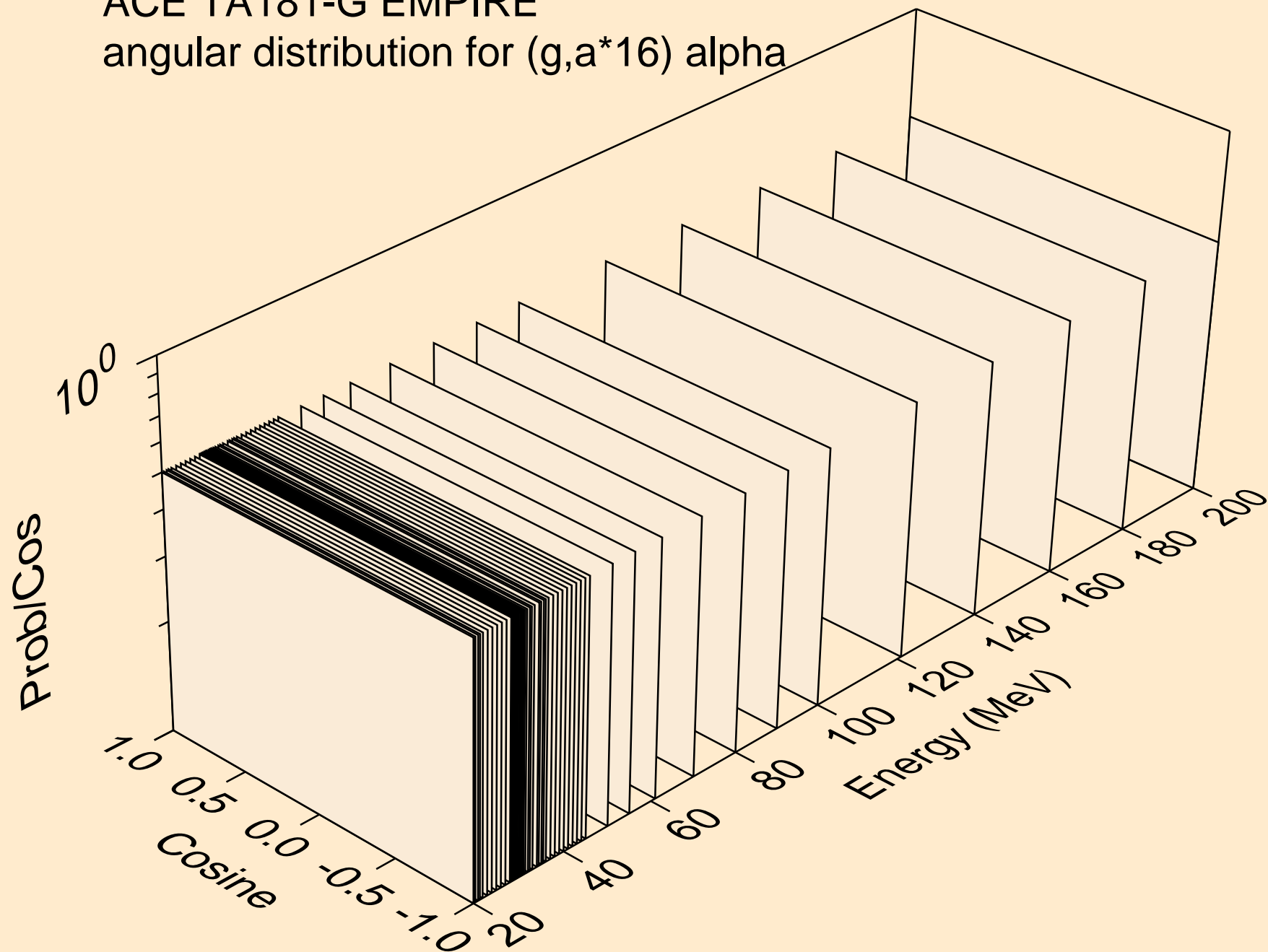
ACE TA181-G EMPIRE
angular distribution for (g,a*15) alpha



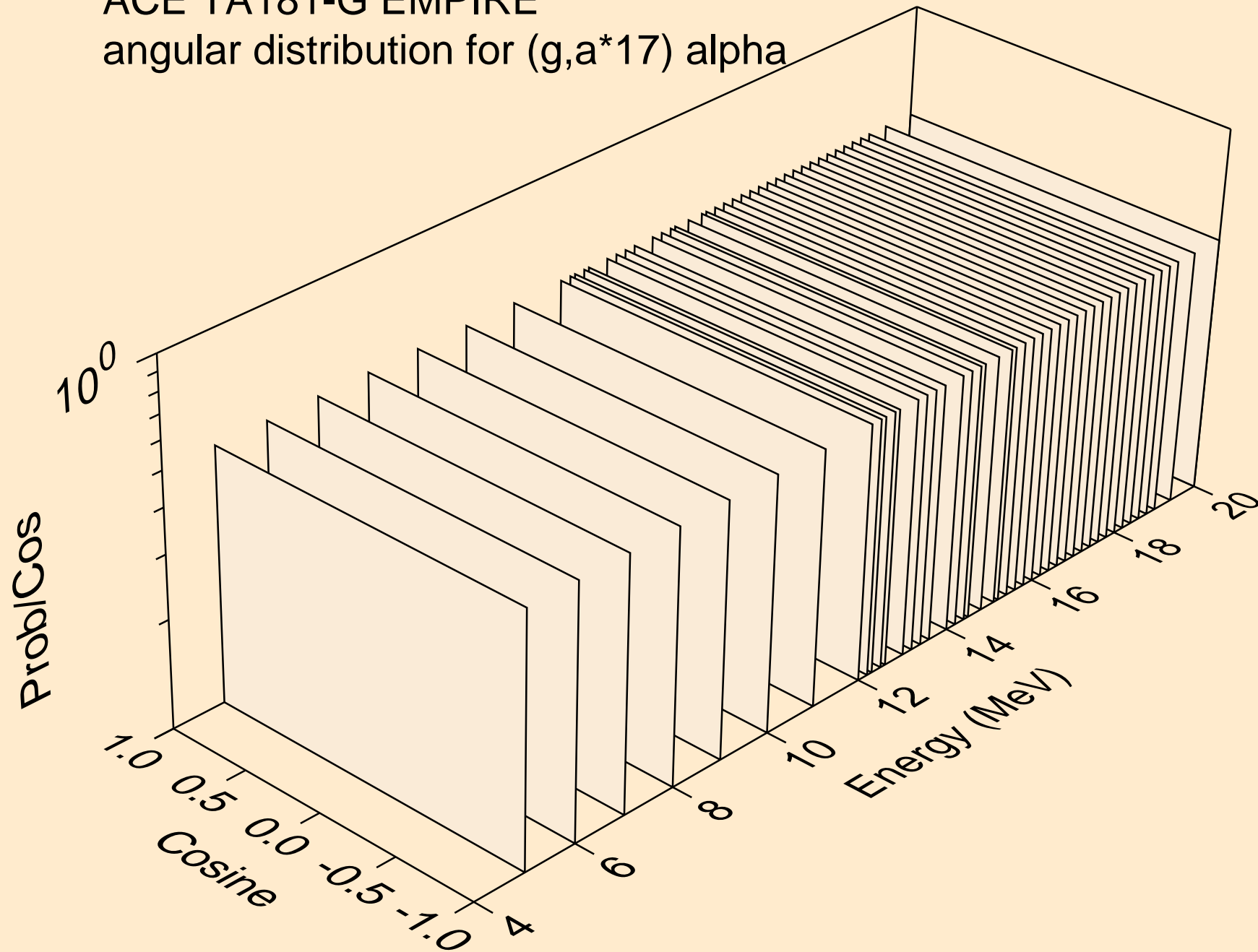
ACE TA181-G EMPIRE
angular distribution for (g,a*16) alpha



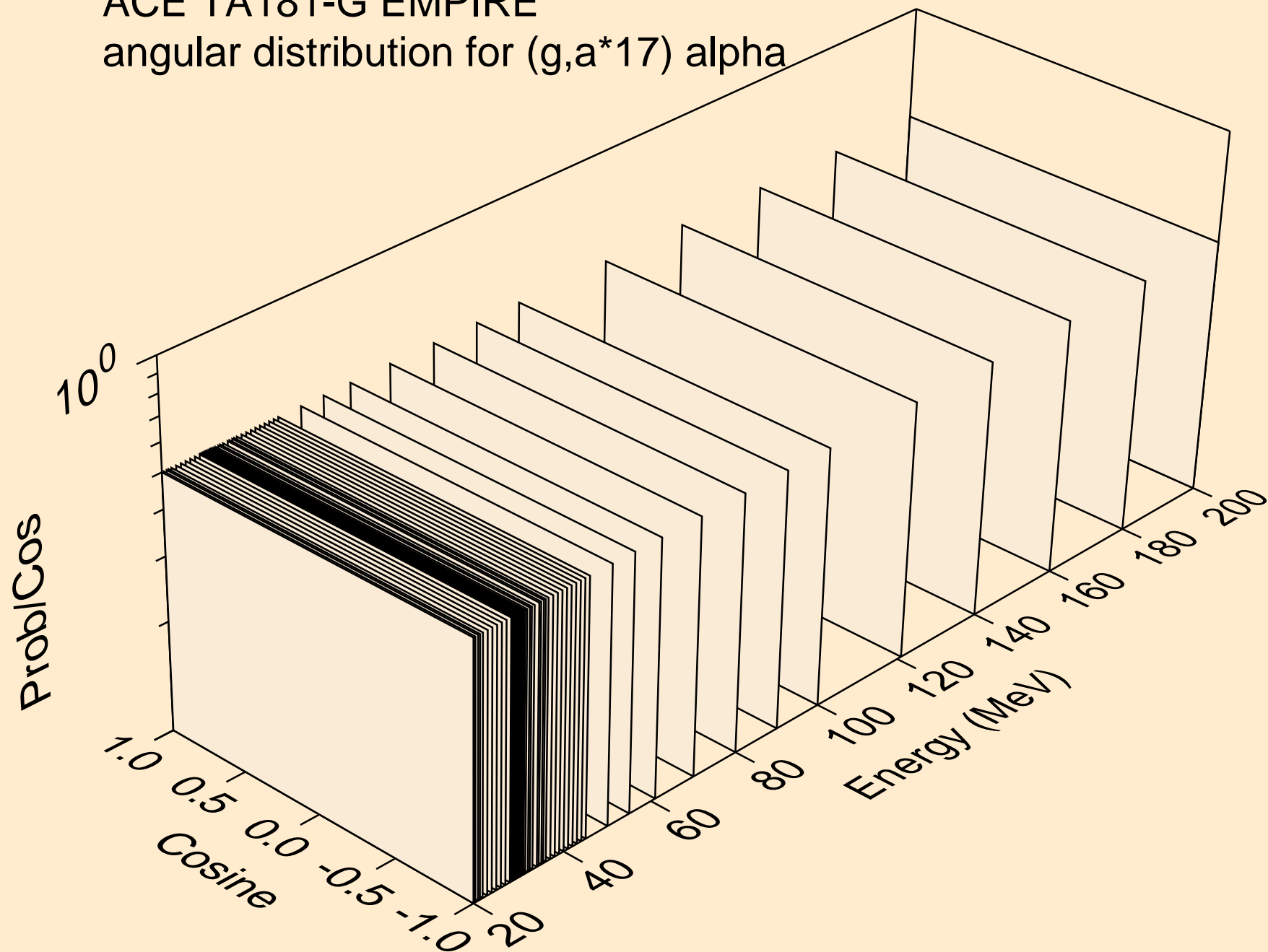
ACE TA181-G EMPIRE
angular distribution for (g,a*16) alpha



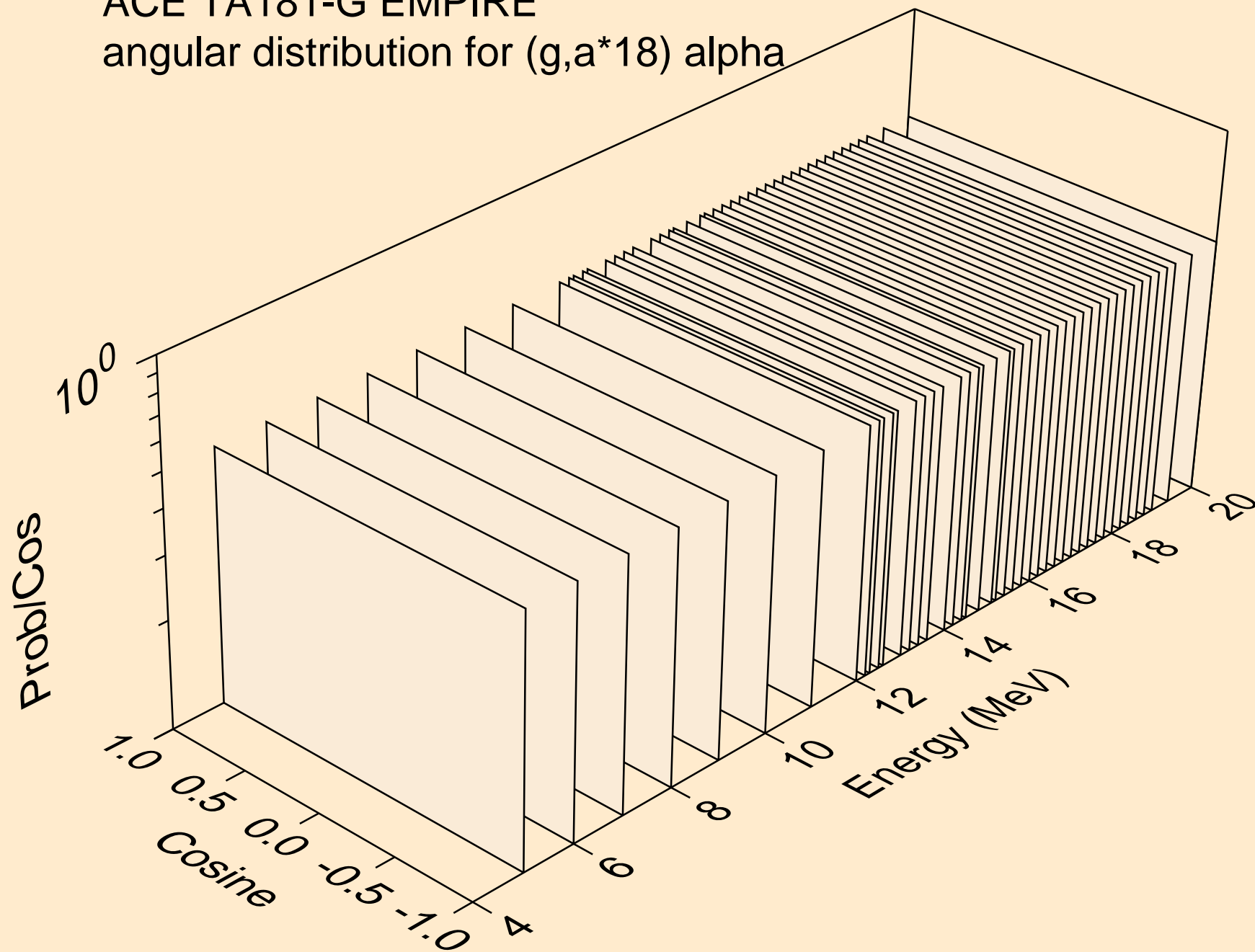
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angular distribution for (g,a*17) alpha



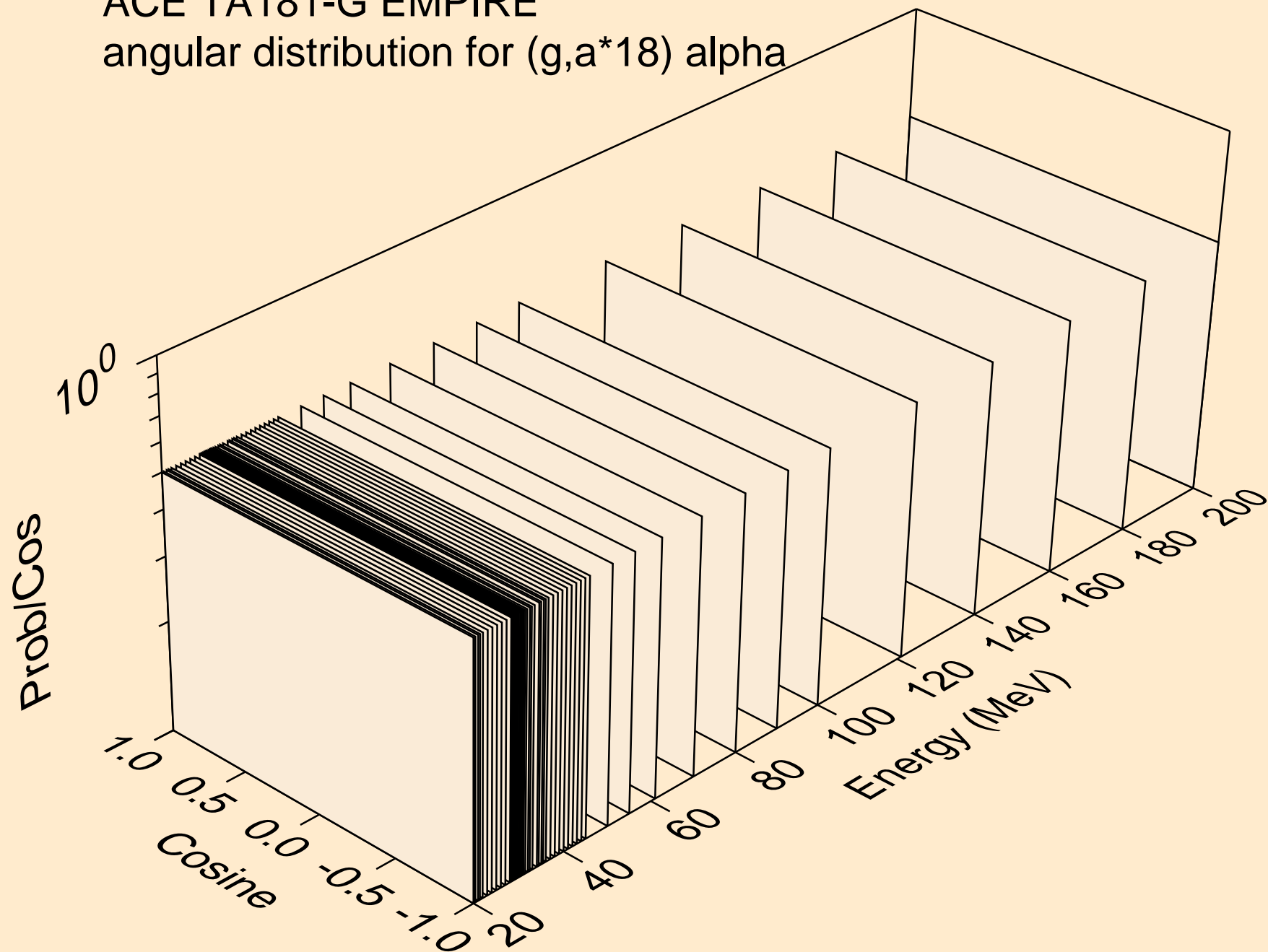
ACE TA181-G EMPIRE
angular distribution for (g,a*17) alpha



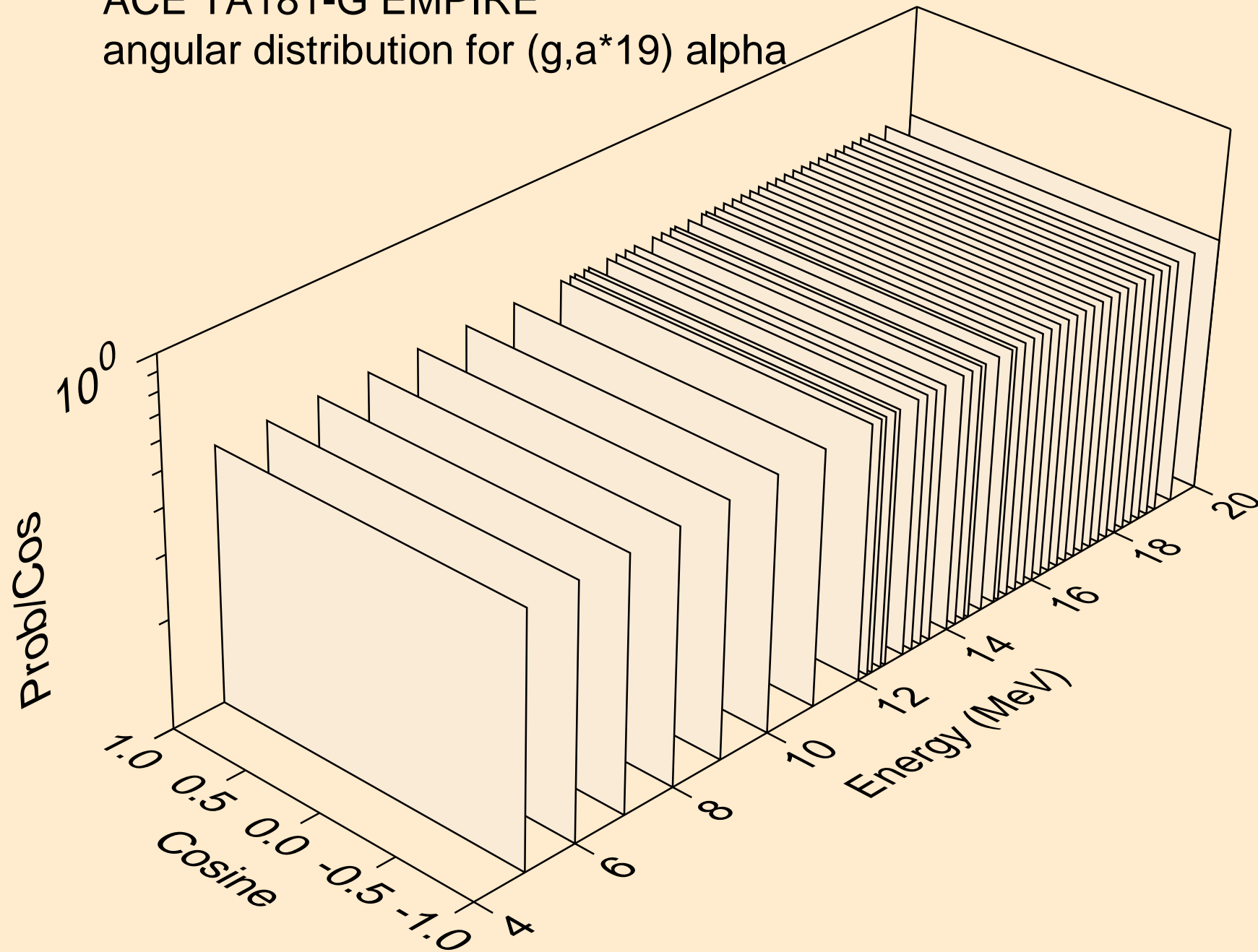
ACE TA181-G EMPIRE
angular distribution for (g,a*18) alpha



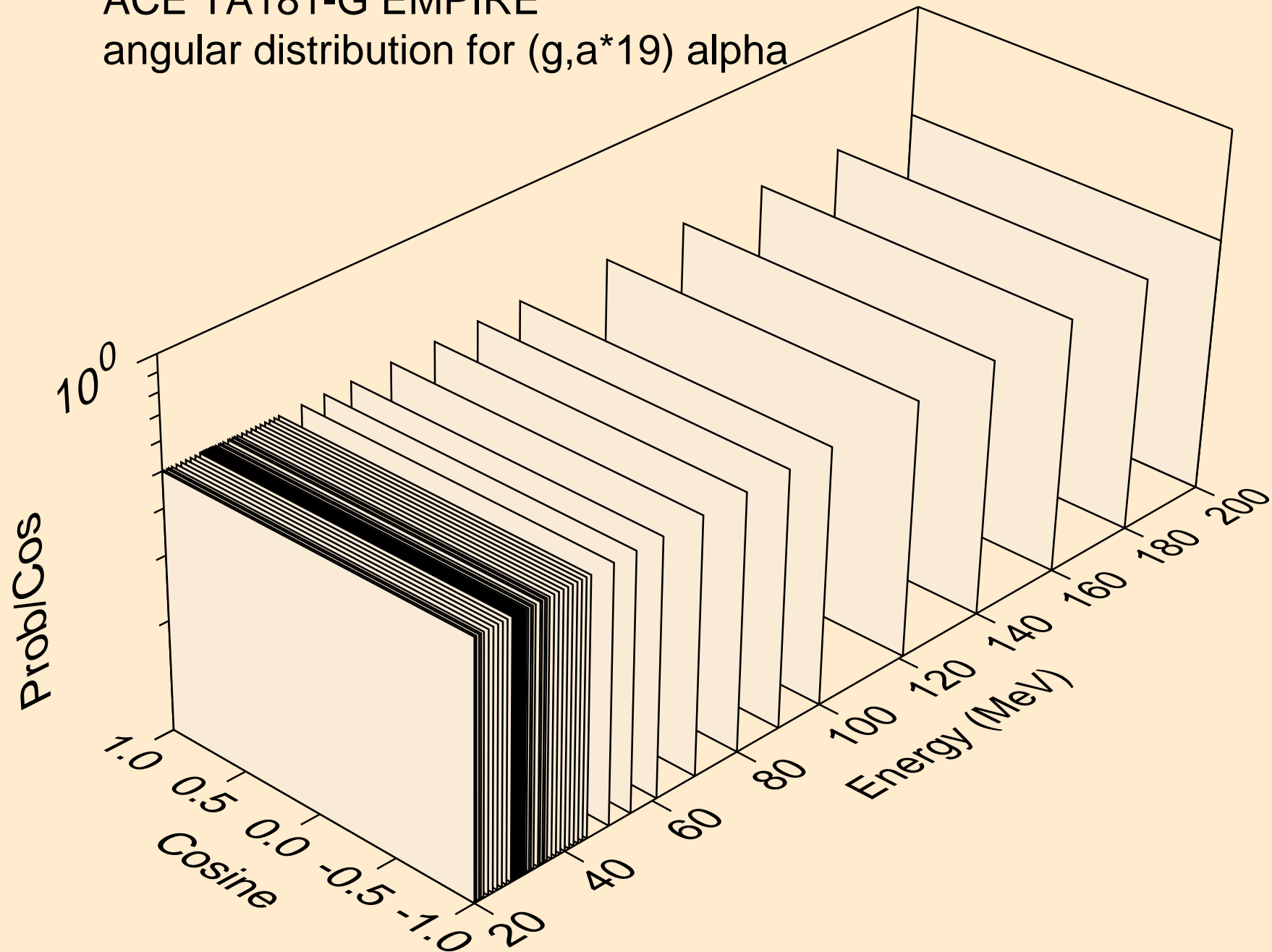
ACE TA181-G EMPIRE
angular distribution for (g,a*18) alpha



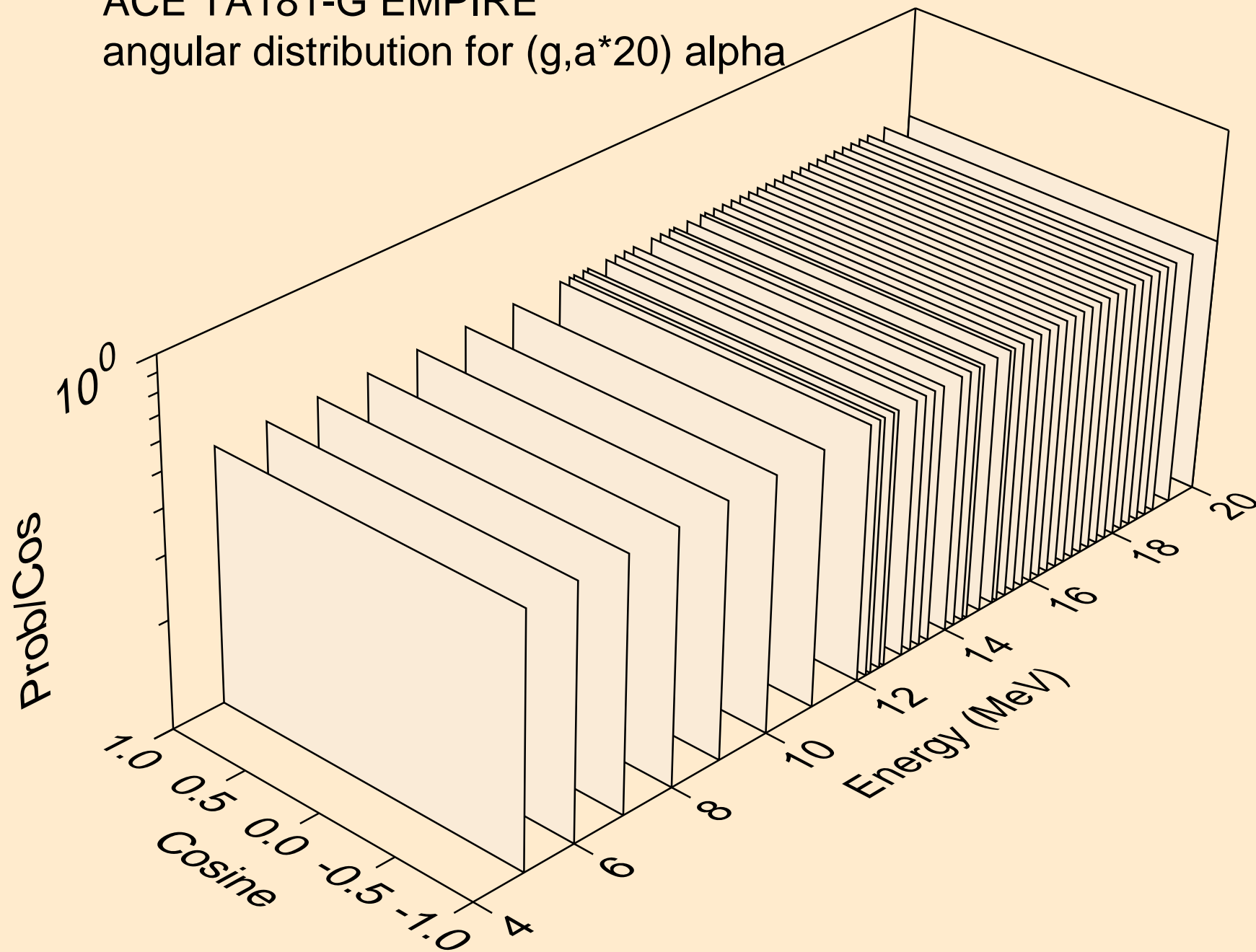
ACE TA181-G EMPIRE
angular distribution for (g,a*19) alpha



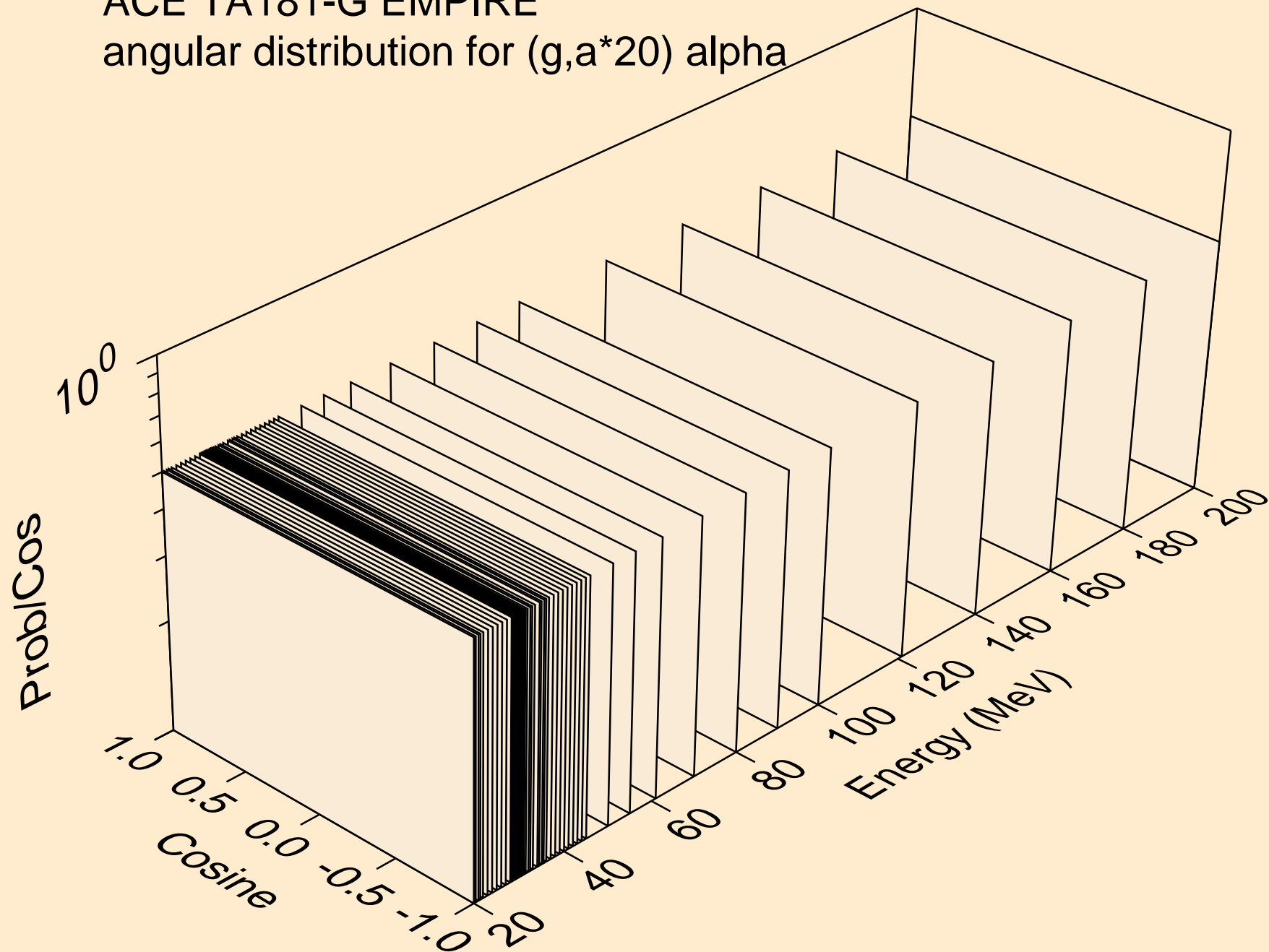
ACE TA181-G EMPIRE
angular distribution for (g,a*19) alpha



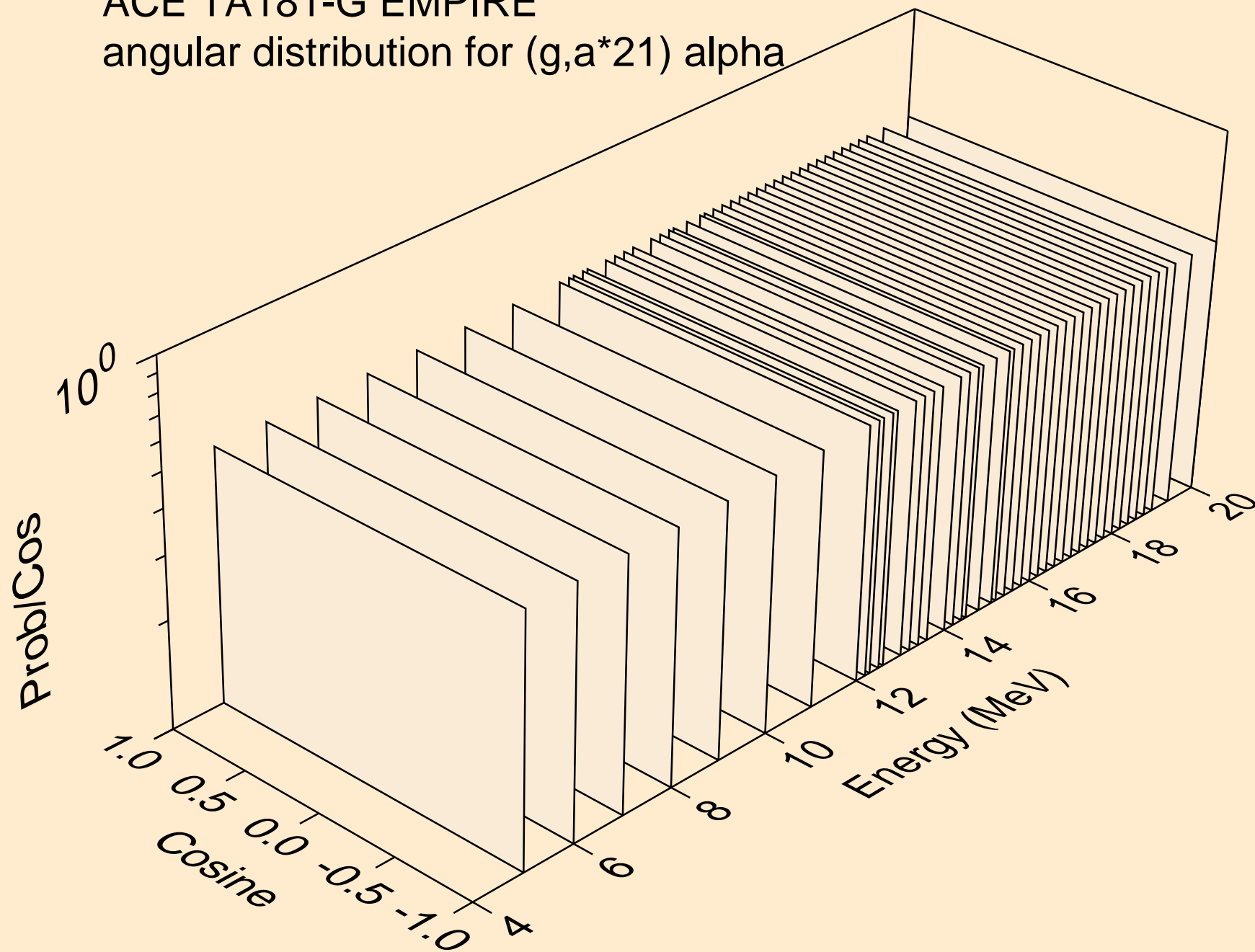
ACE TA181-G EMPIRE
angular distribution for (g,a*20) alpha



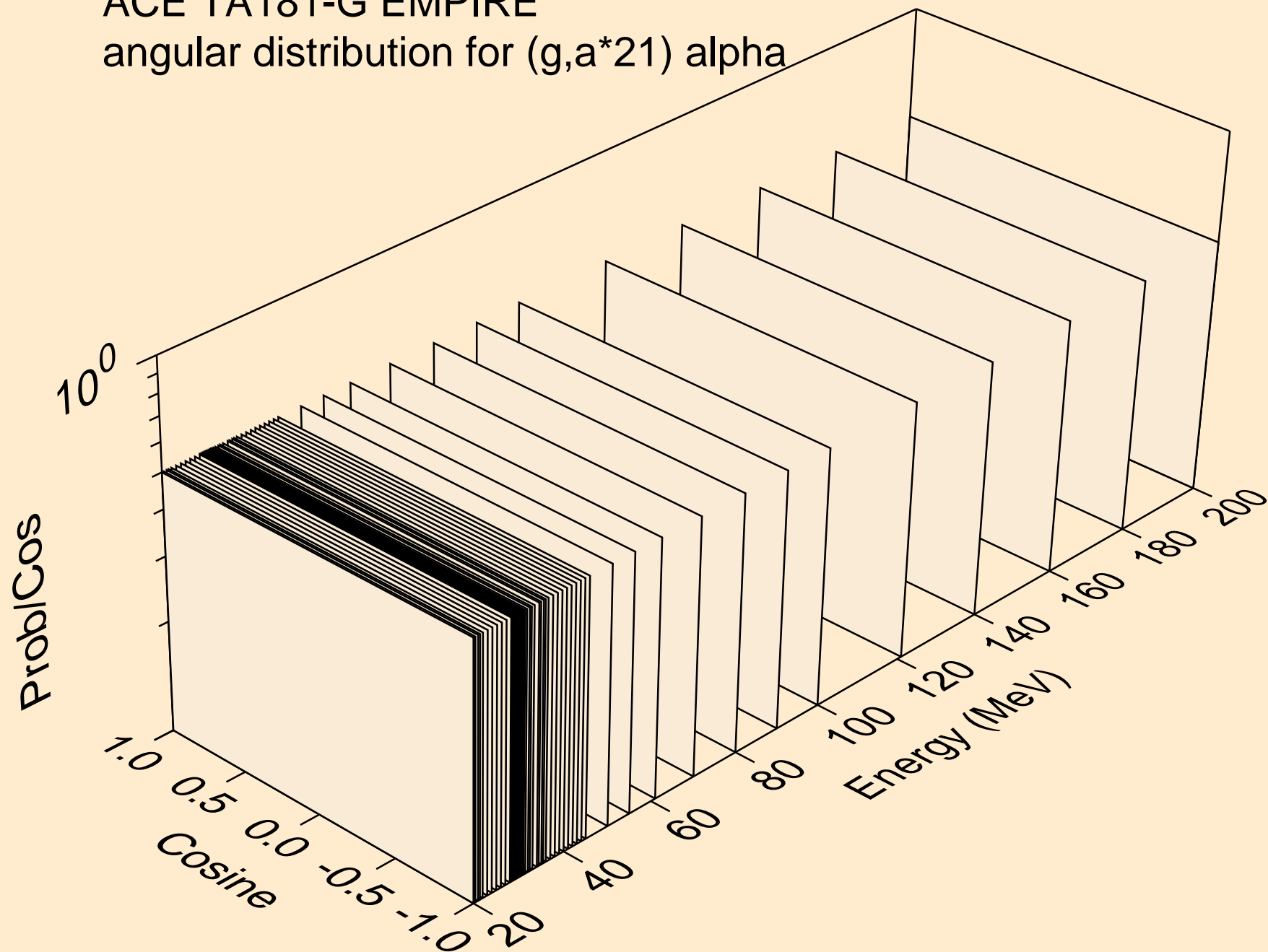
ACE TA181-G EMPIRE
angular distribution for (g,a*20) alpha



ACE TA181-G EMPIRE
angular distribution for (g,a*21) alpha

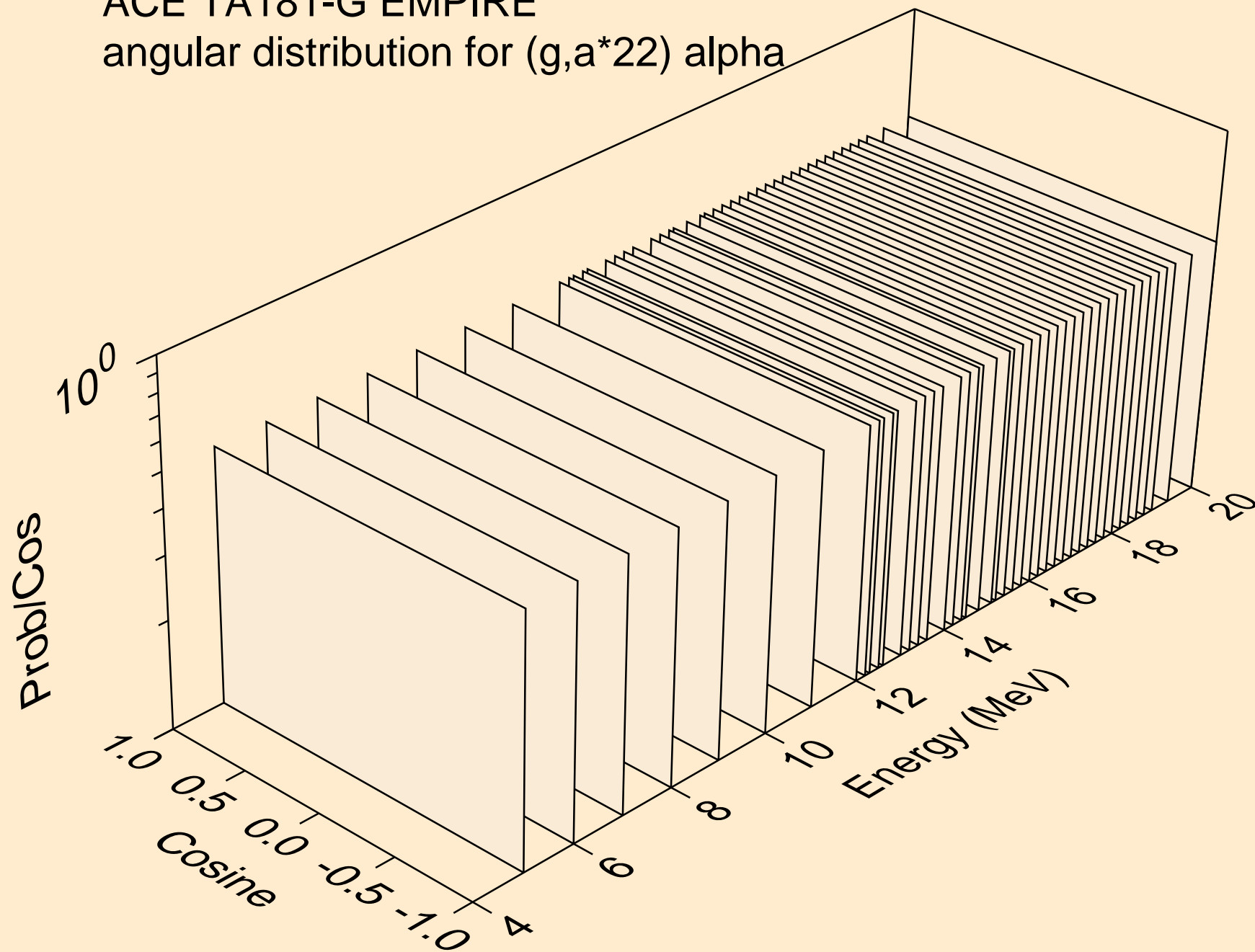


ACE TA181-G EMPIRE
angular distribution for (g,a*21) alpha

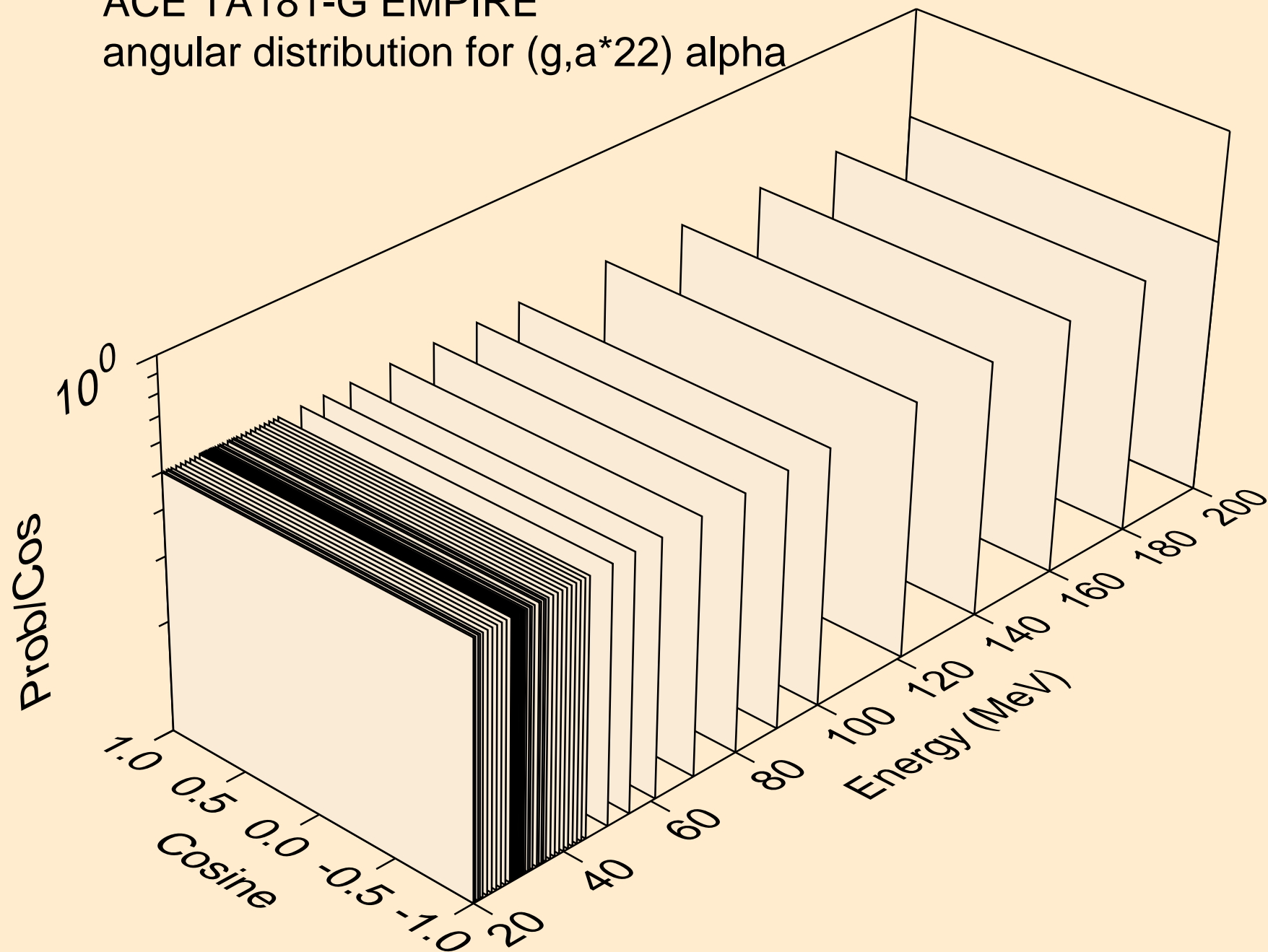


ACE TA181-G EMPIRE

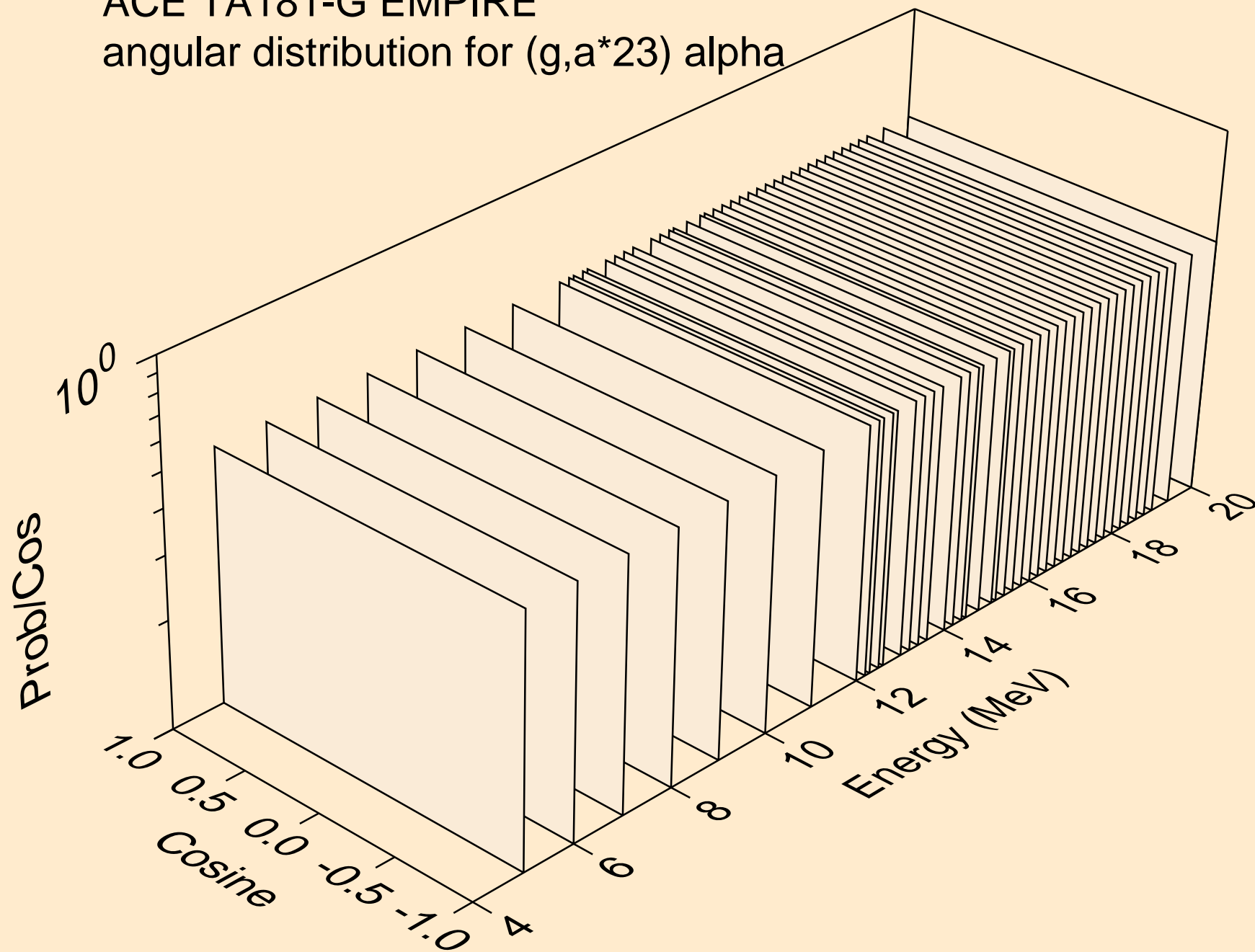
angular distribution for (g,a*22) alpha



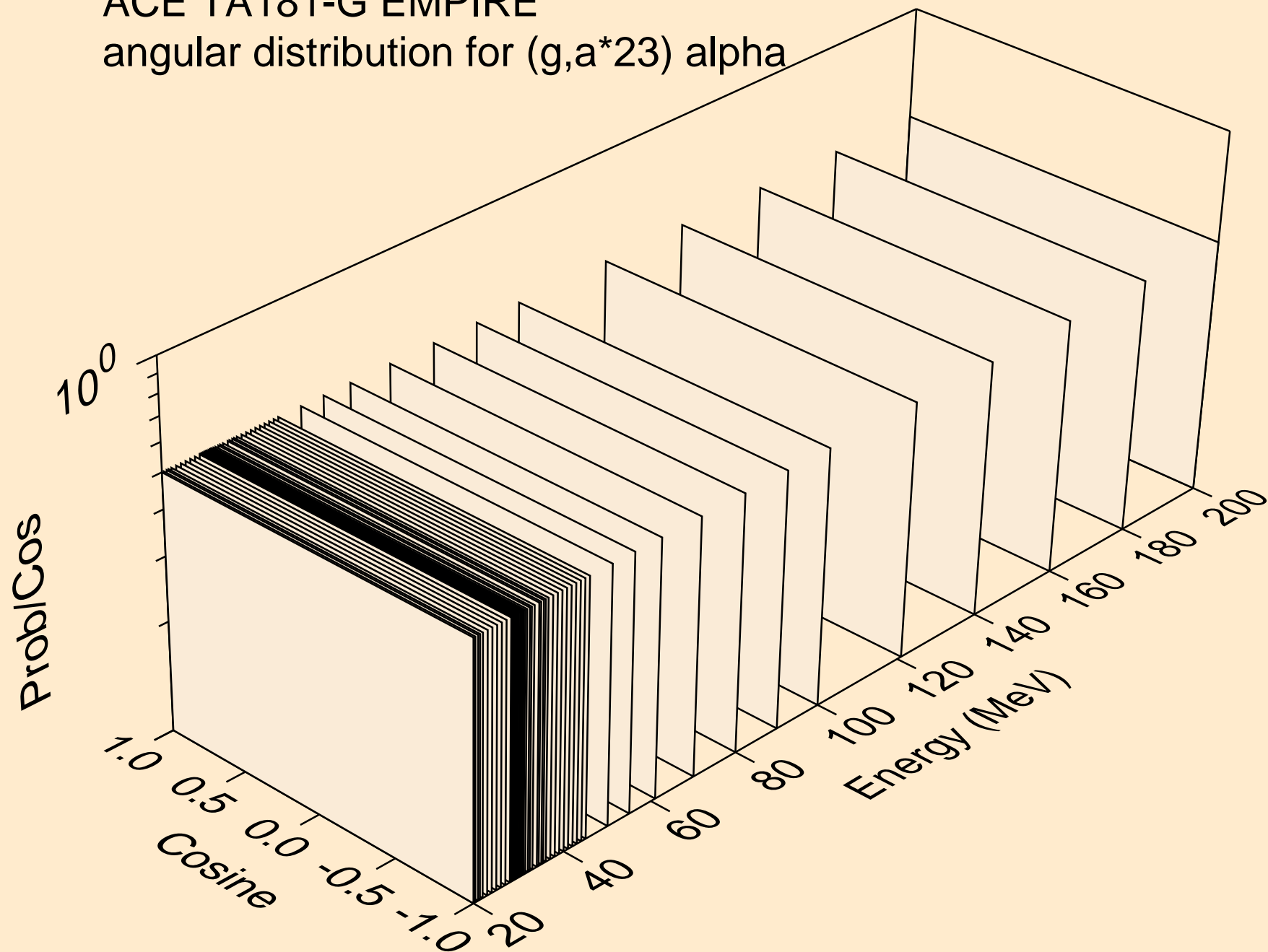
ACE TA181-G EMPIRE
angular distribution for (g,a*22) alpha



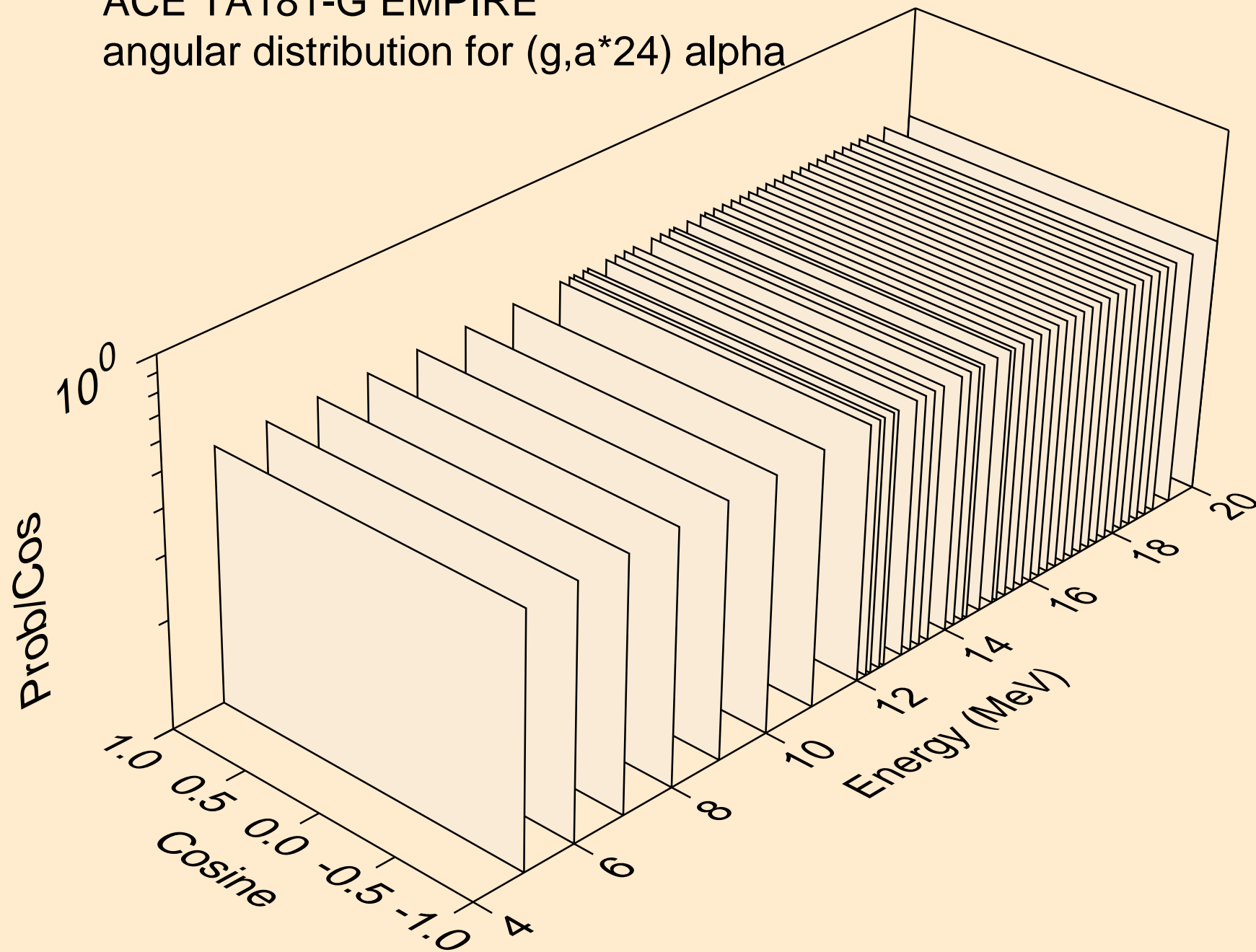
ACE TA181-G EMPIRE
angular distribution for (g,a*23) alpha



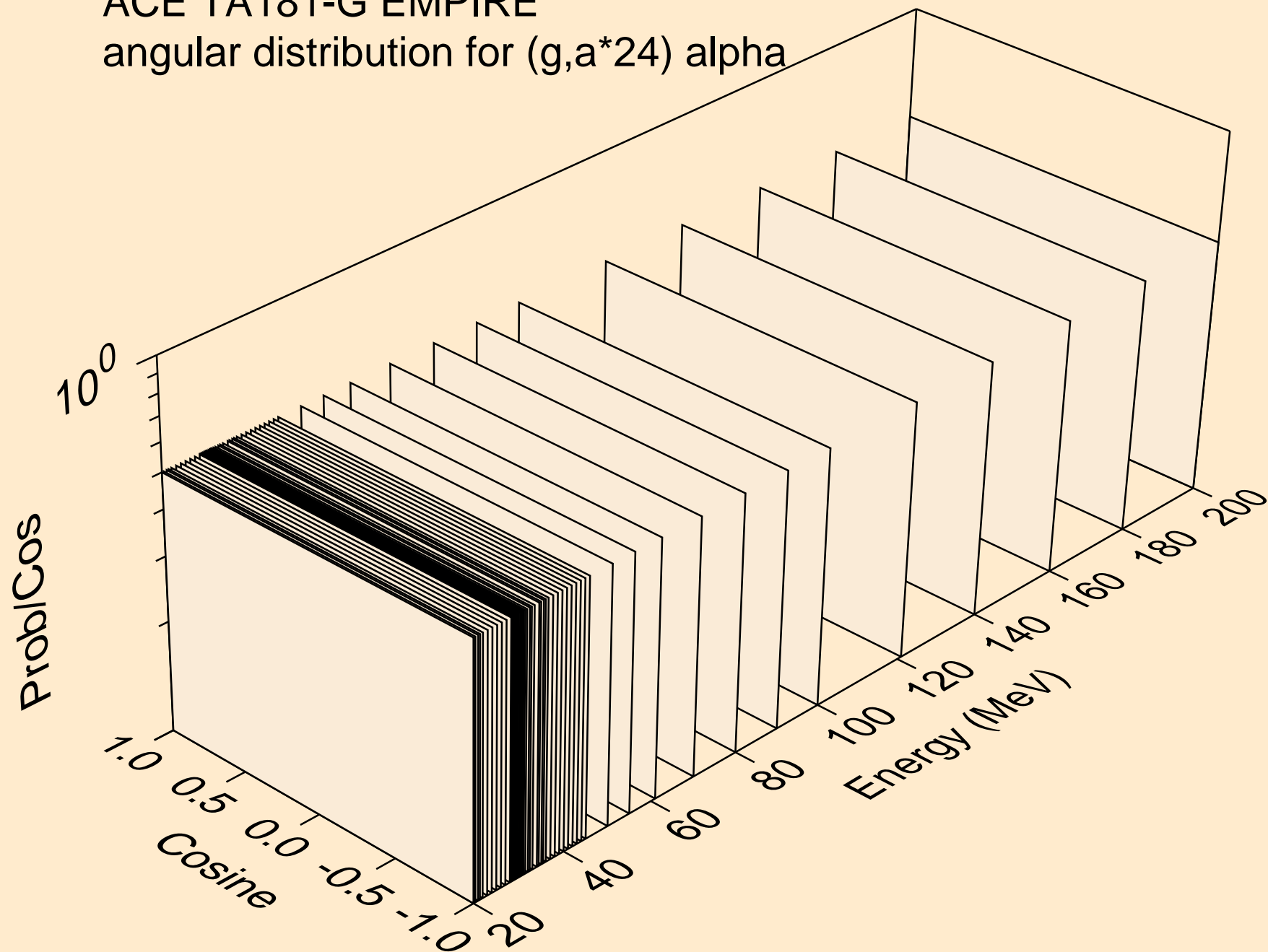
ACE TA181-G EMPIRE
angular distribution for (g,a*23) alpha



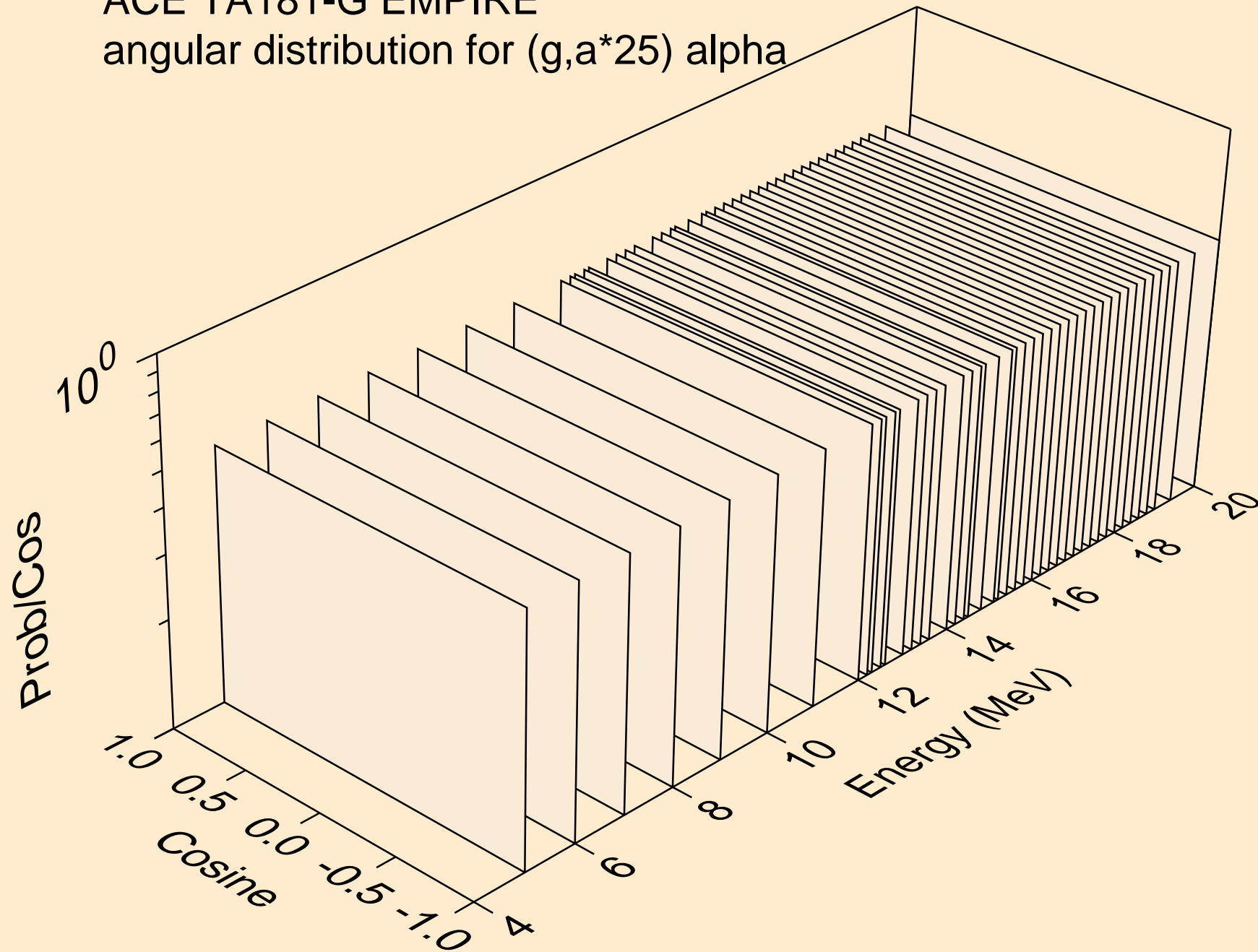
ACE TA181-G EMPIRE
angular distribution for (g,a*24) alpha



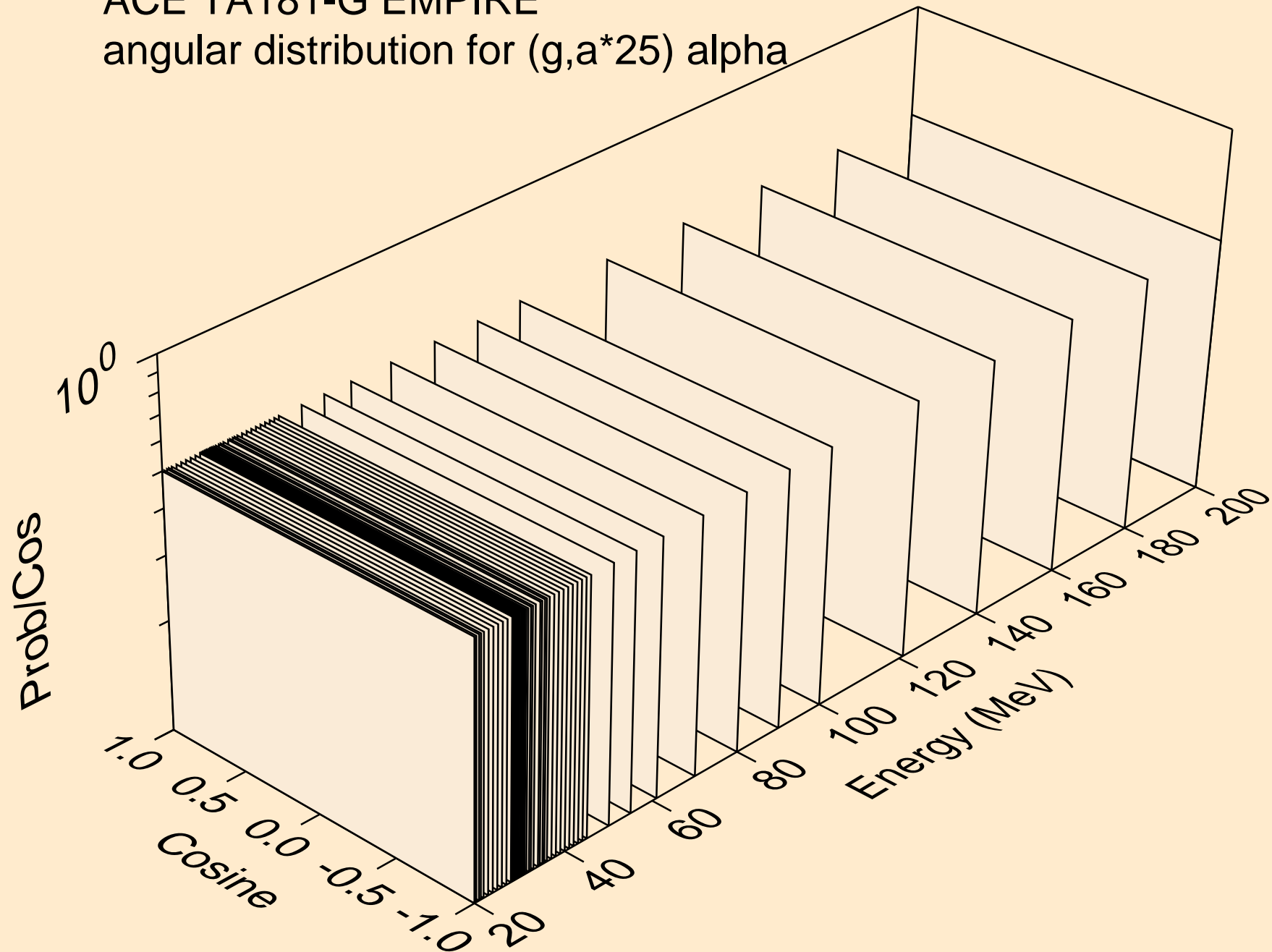
ACE TA181-G EMPIRE
angular distribution for (g,a*24) alpha



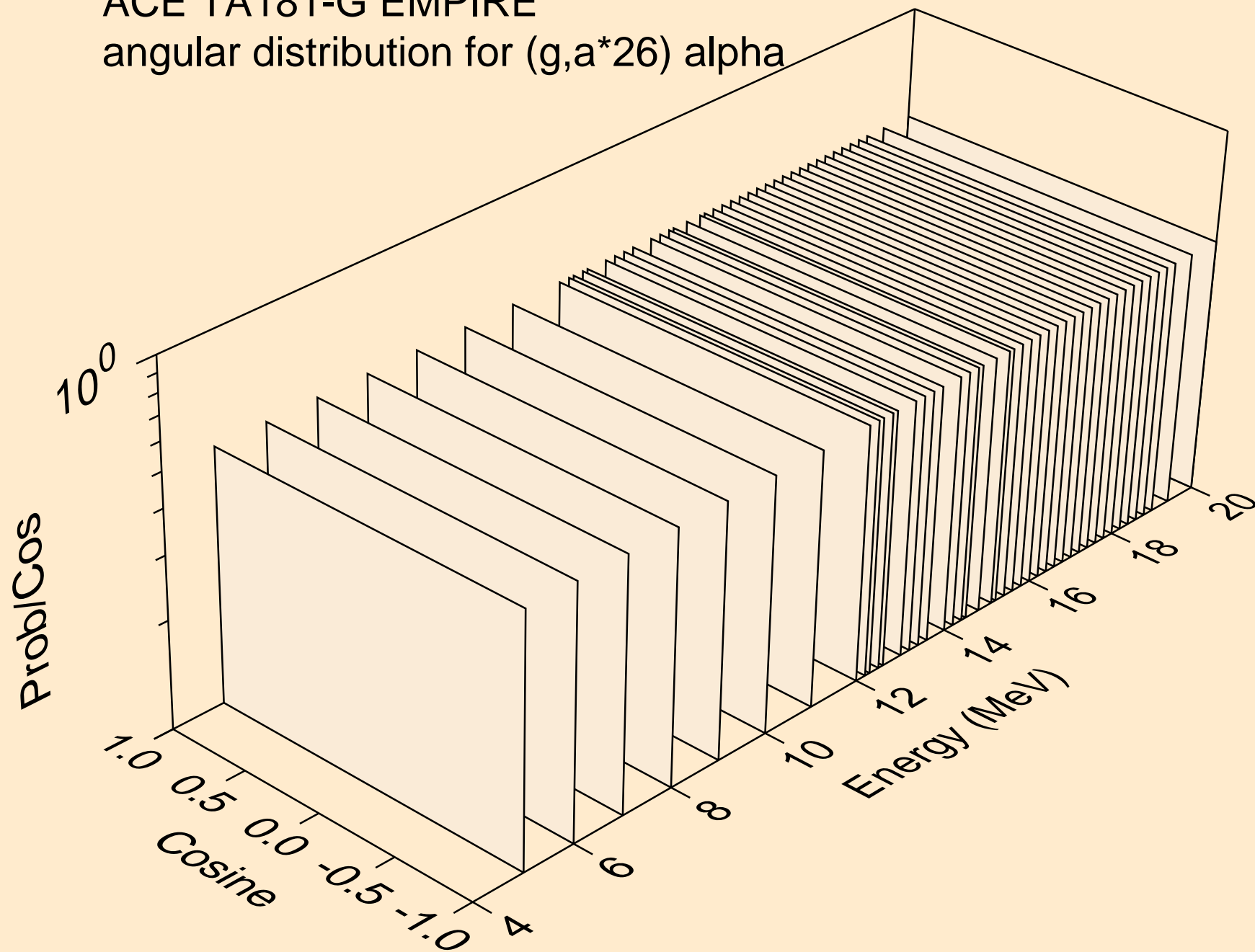
ACE TA181-G EMPIRE
angular distribution for (g,a*25) alpha



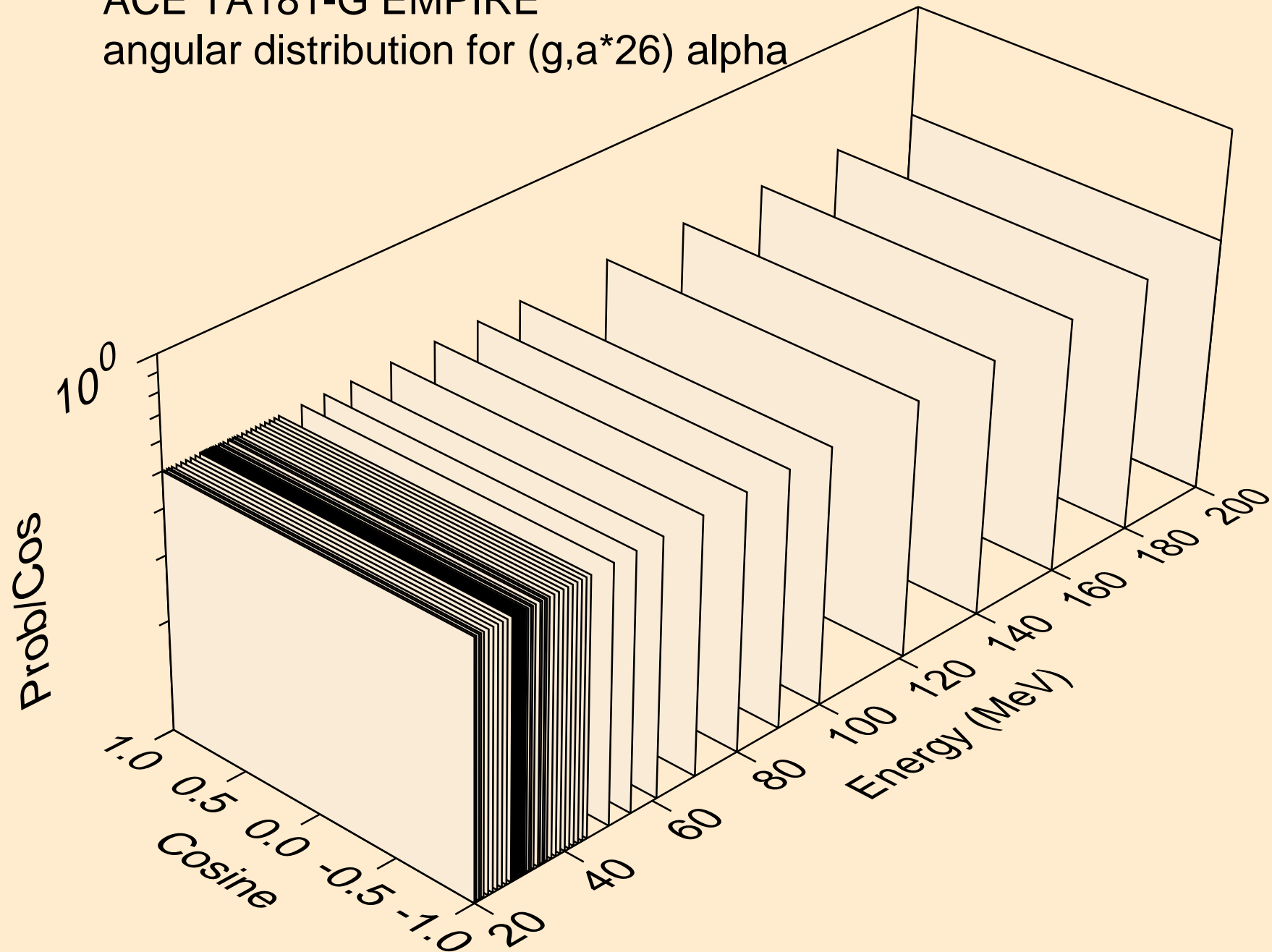
ACE TA181-G EMPIRE
angular distribution for (g,a*25) alpha



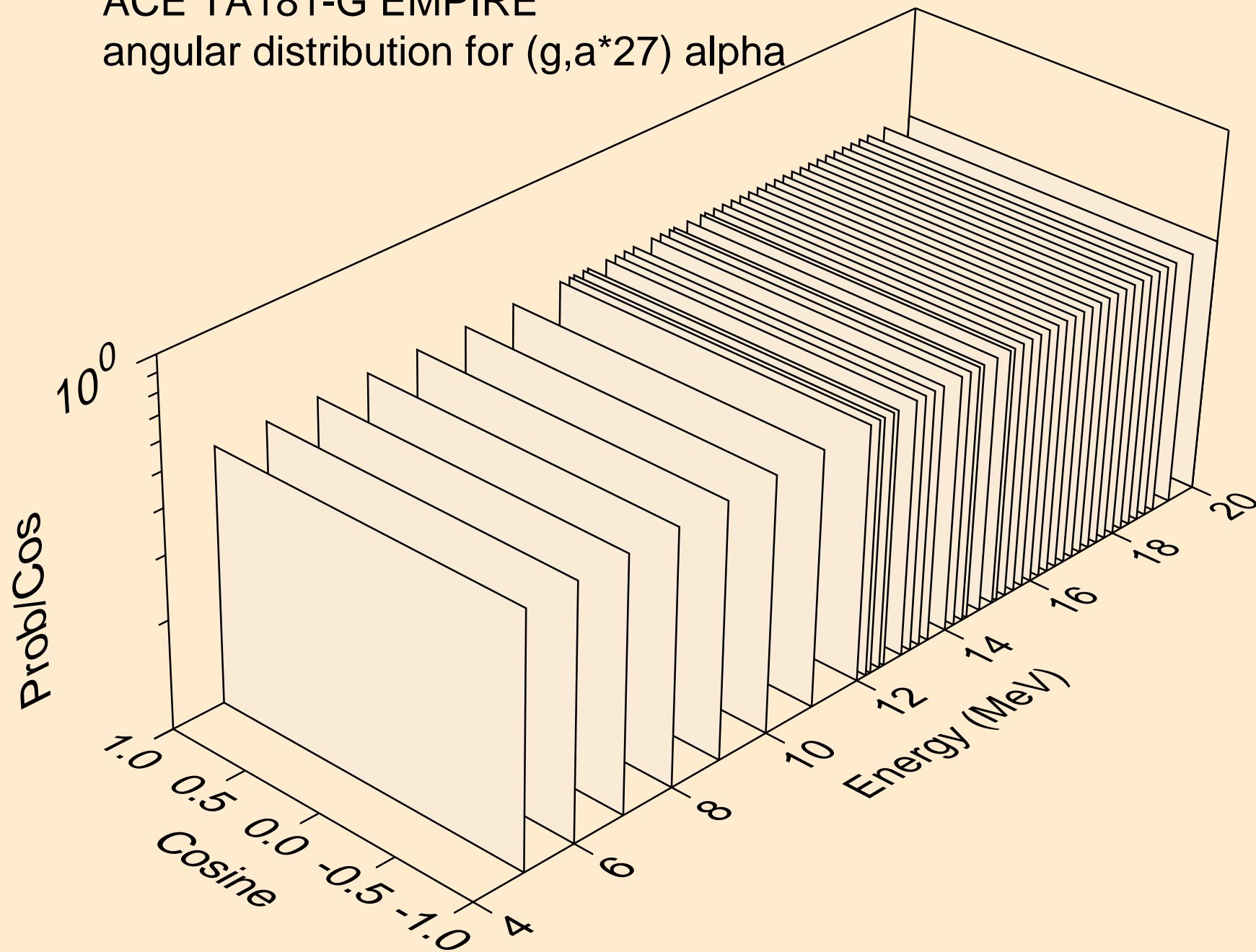
ACE TA181-G EMPIRE
angular distribution for (g,a*26) alpha



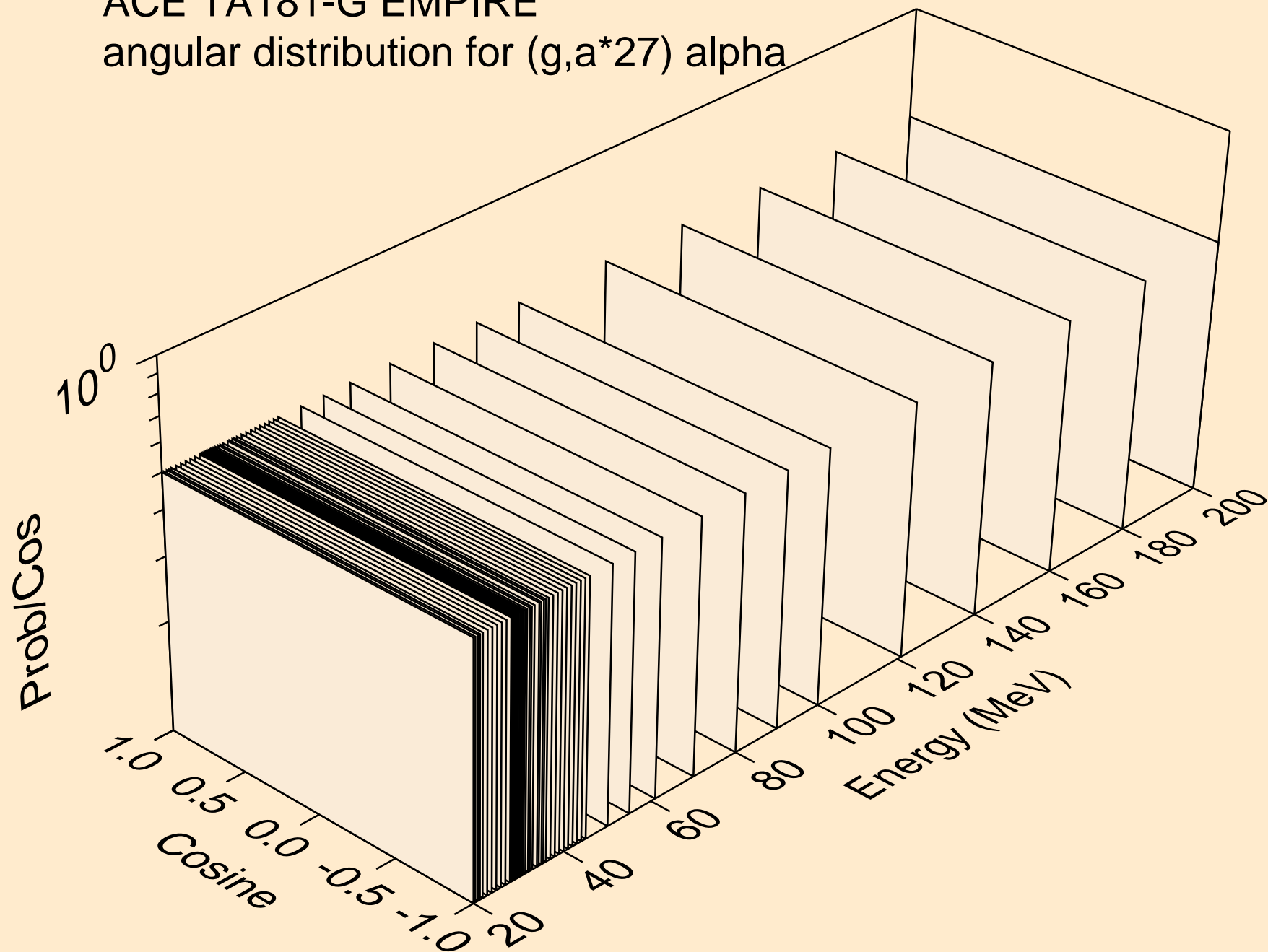
ACE TA181-G EMPIRE
angular distribution for (g,a*26) alpha



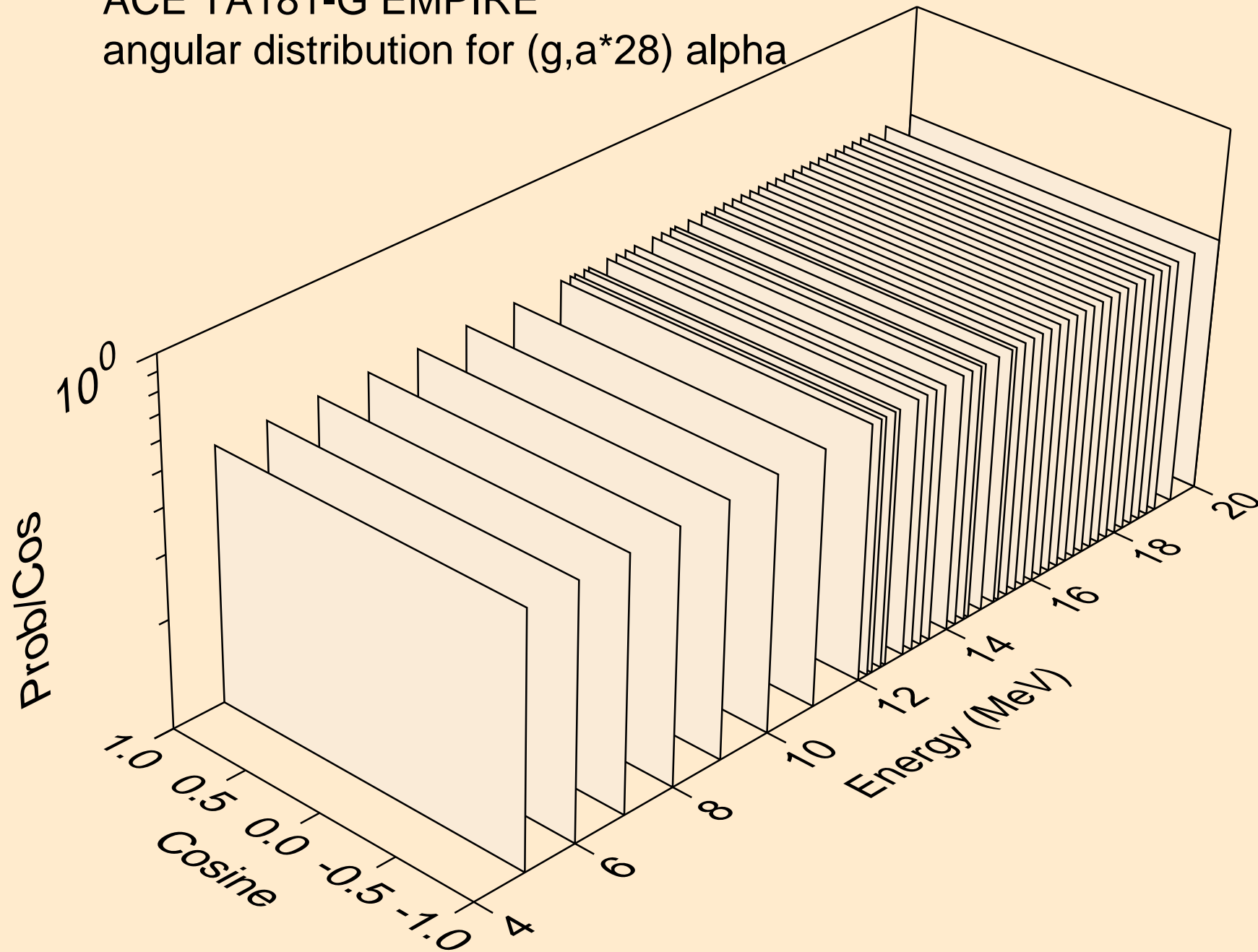
ACE TA181-G EMPIRE
angular distribution for (g,a*27) alpha



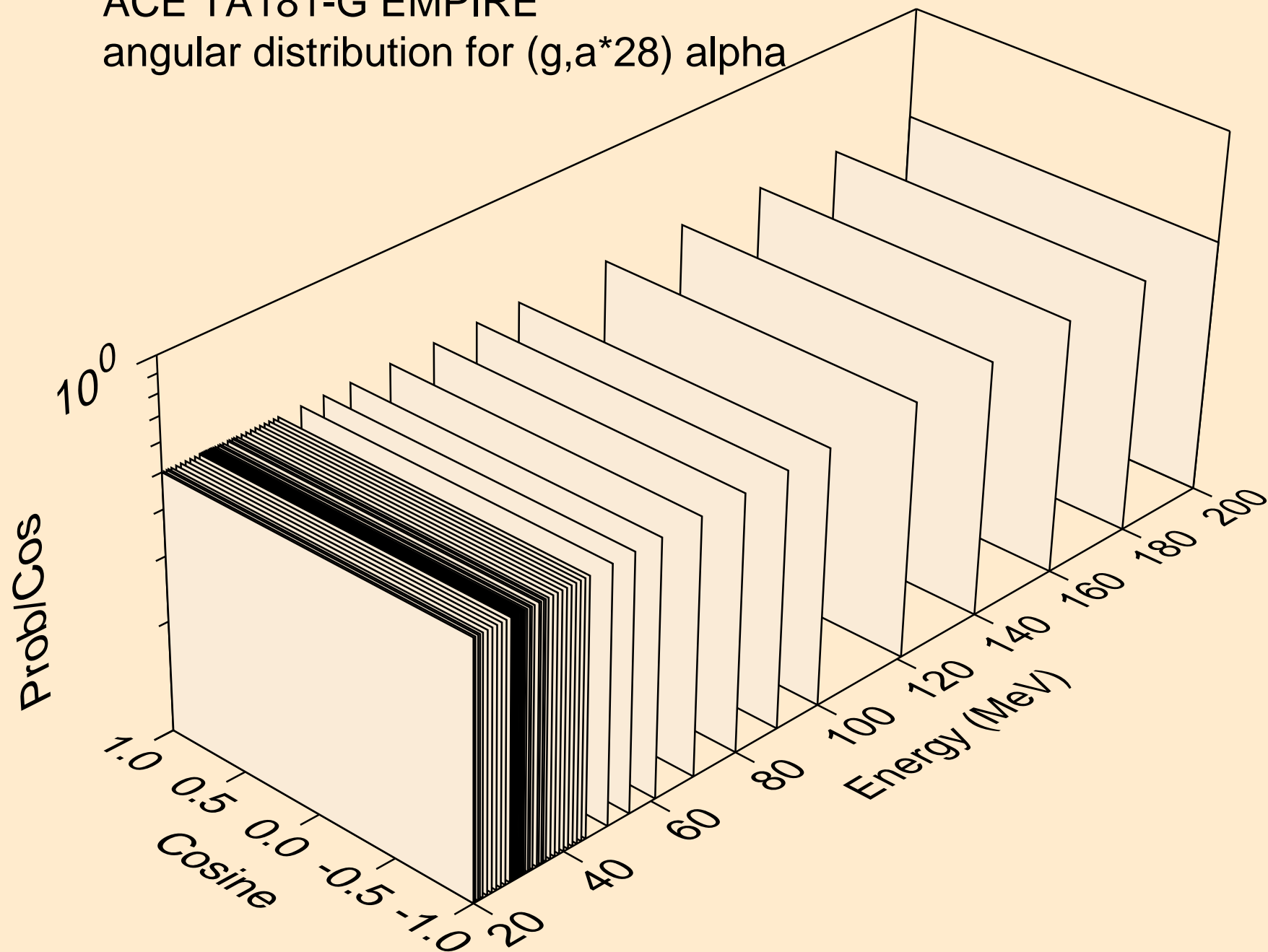
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angular distribution for (g,a*27) alpha



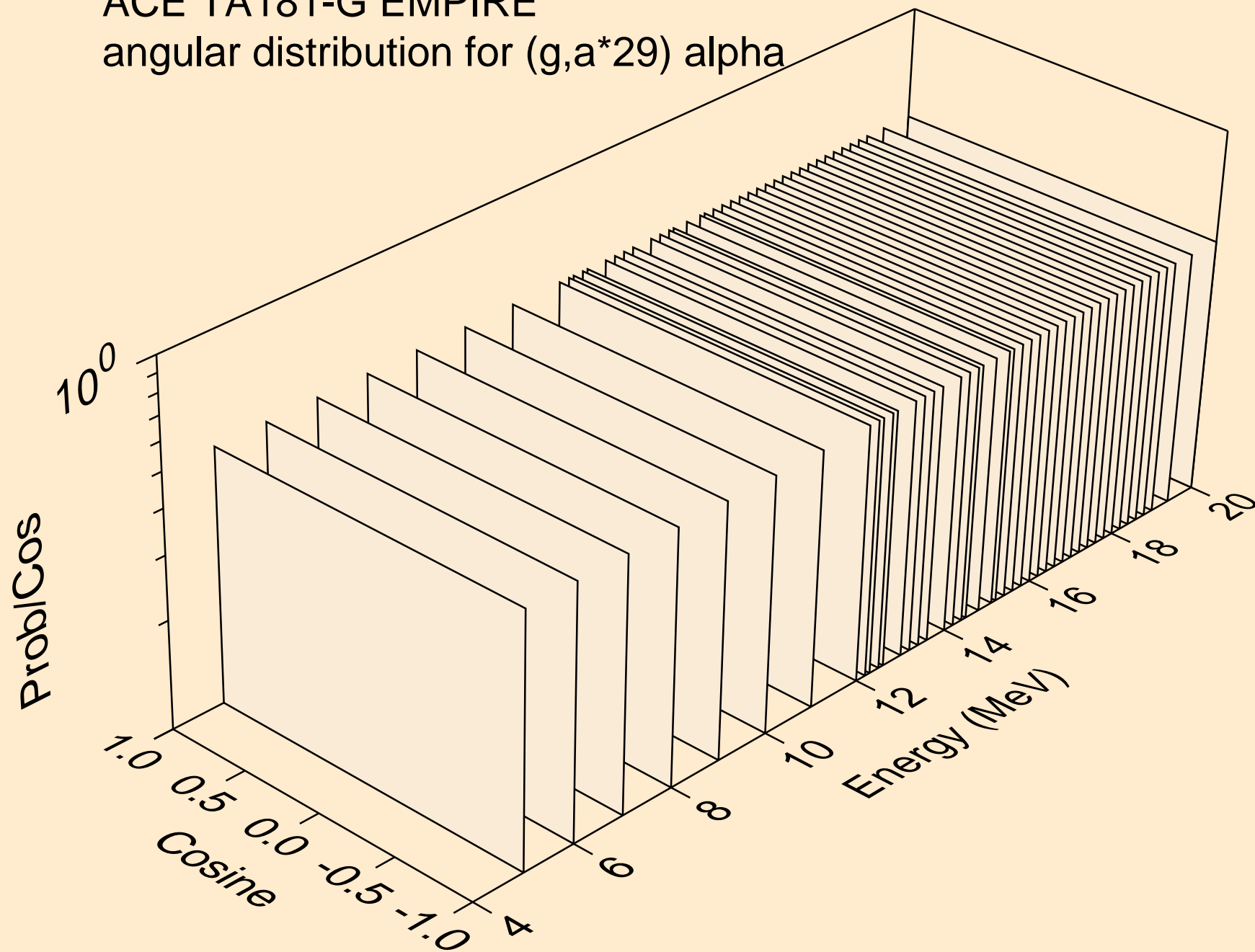
ACE TA181-G EMPIRE
angular distribution for (g,a*28) alpha



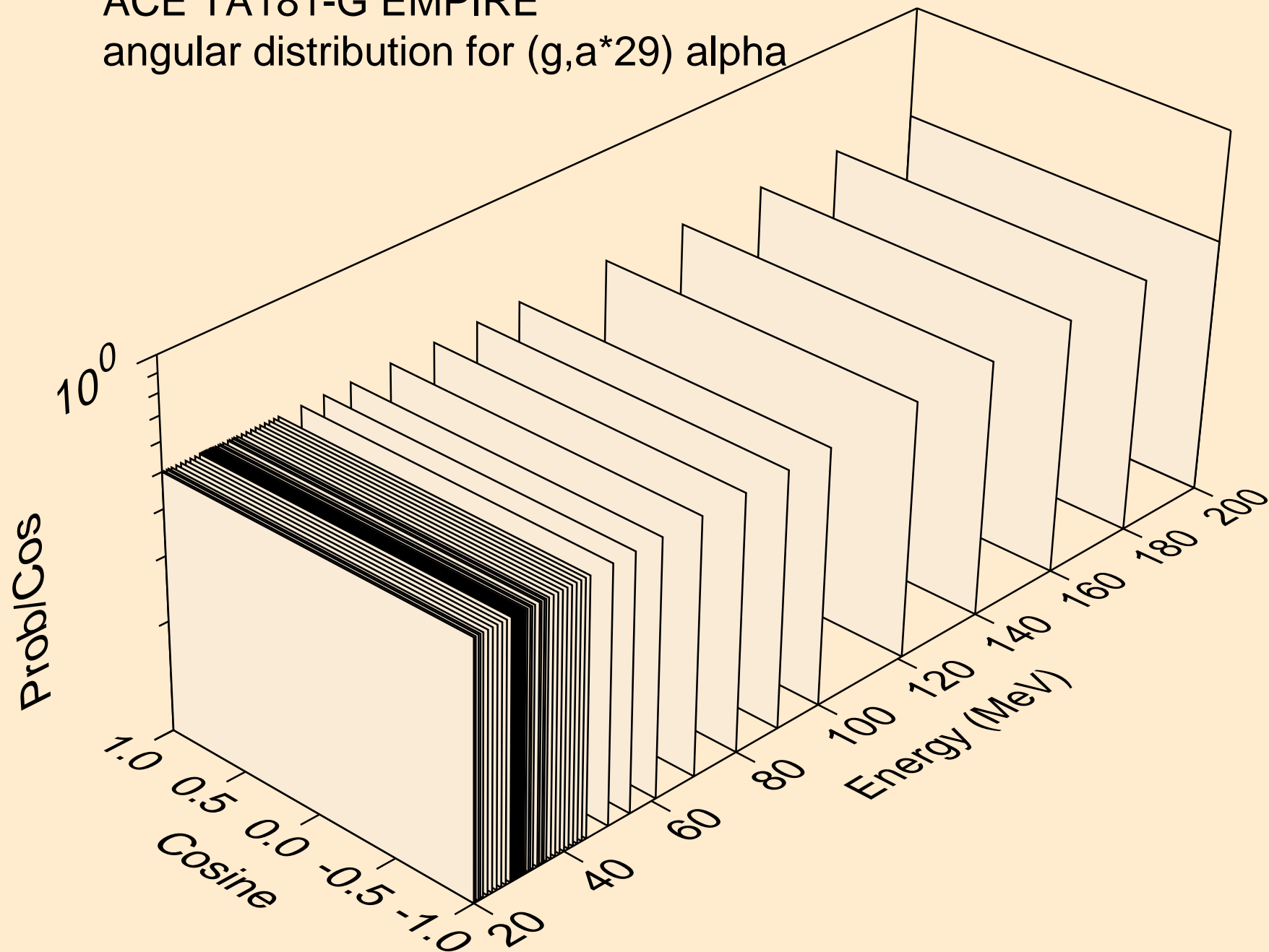
ACE TA181-G EMPIRE
angular distribution for (g,a*28) alpha



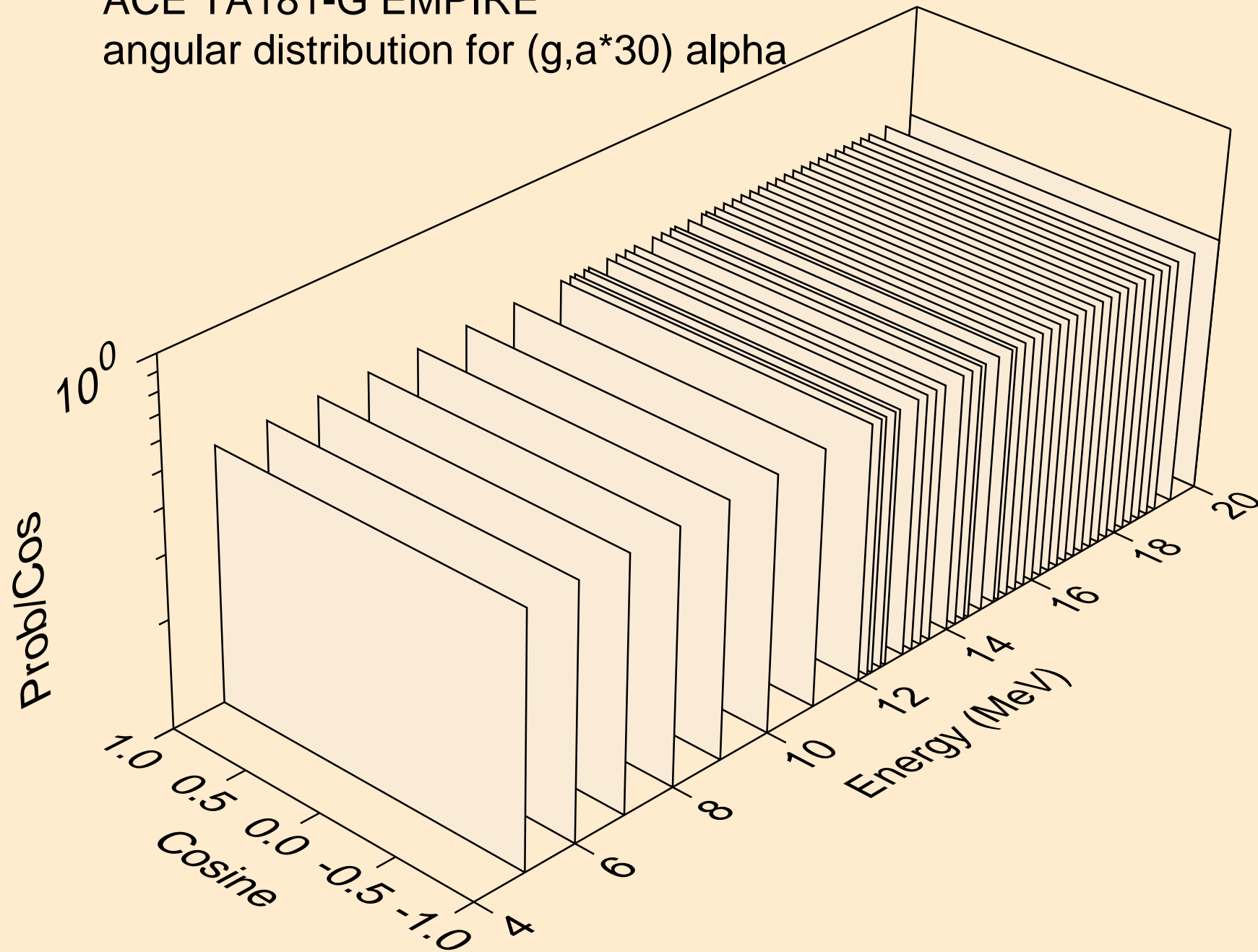
ACE TA181-G EMPIRE
angular distribution for (g,a*29) alpha



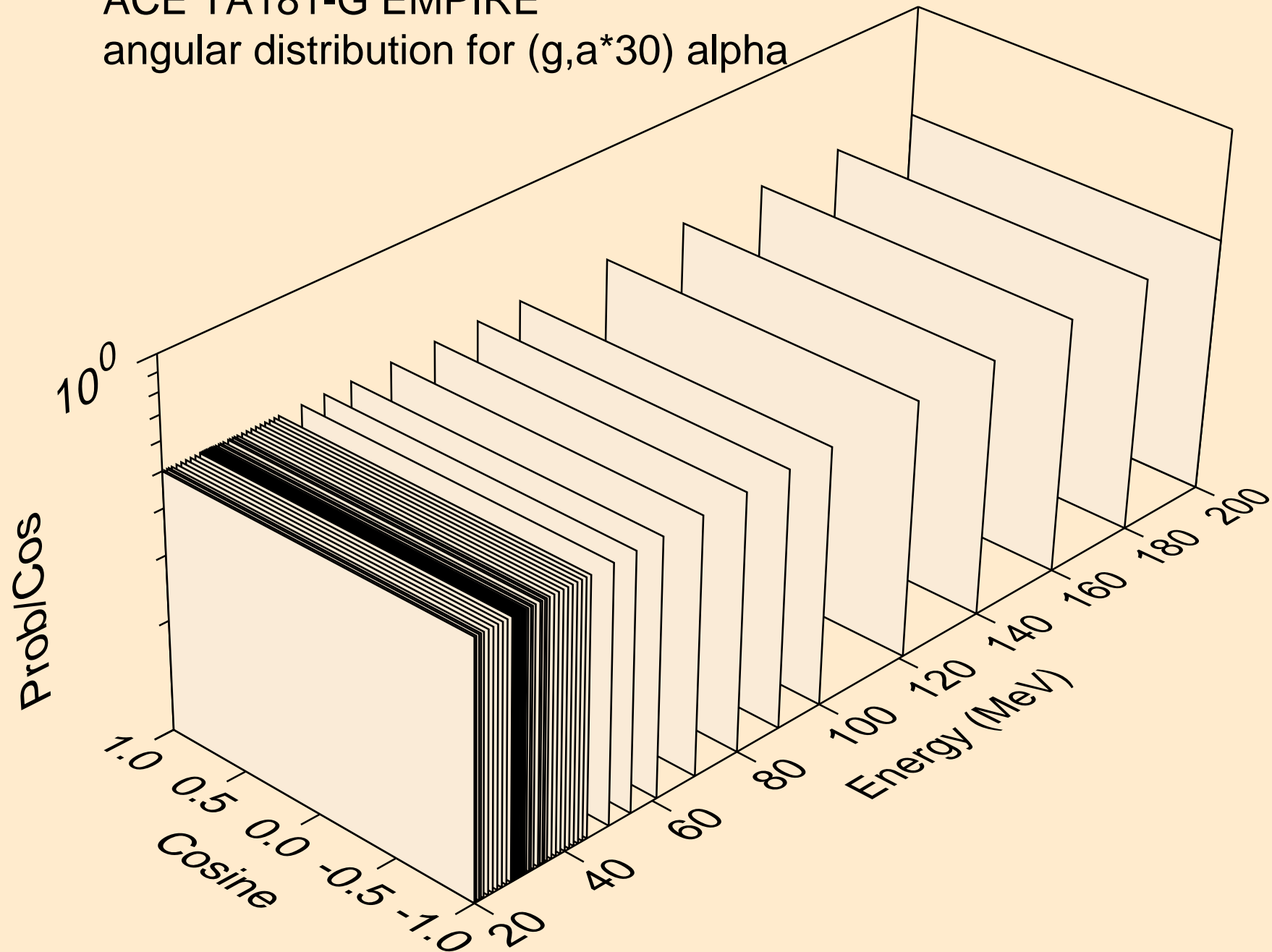
ACE TA181-G EMPIRE
angular distribution for (g,a*29) alpha



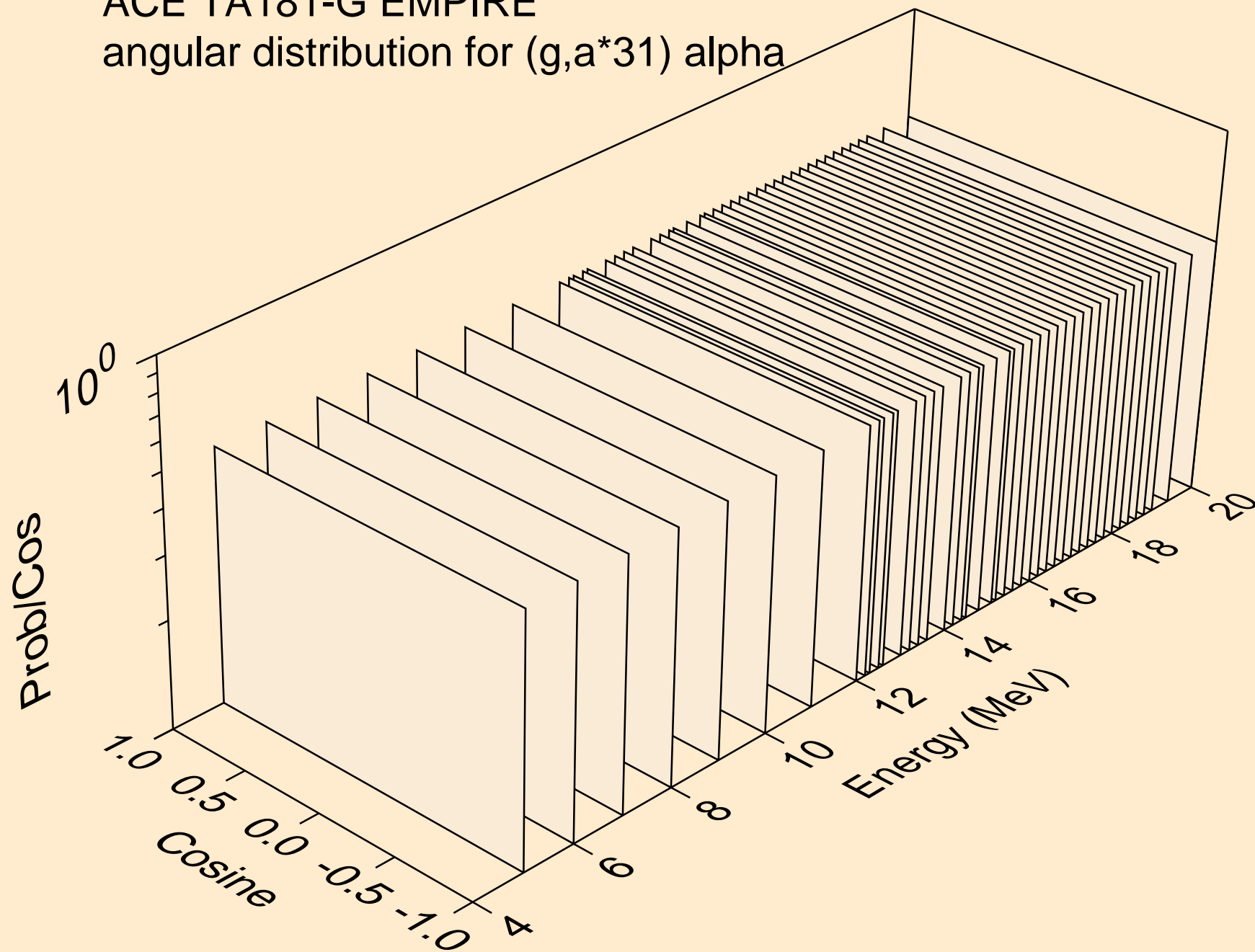
ACE TA181-G EMPIRE
angular distribution for (g,a*30) alpha



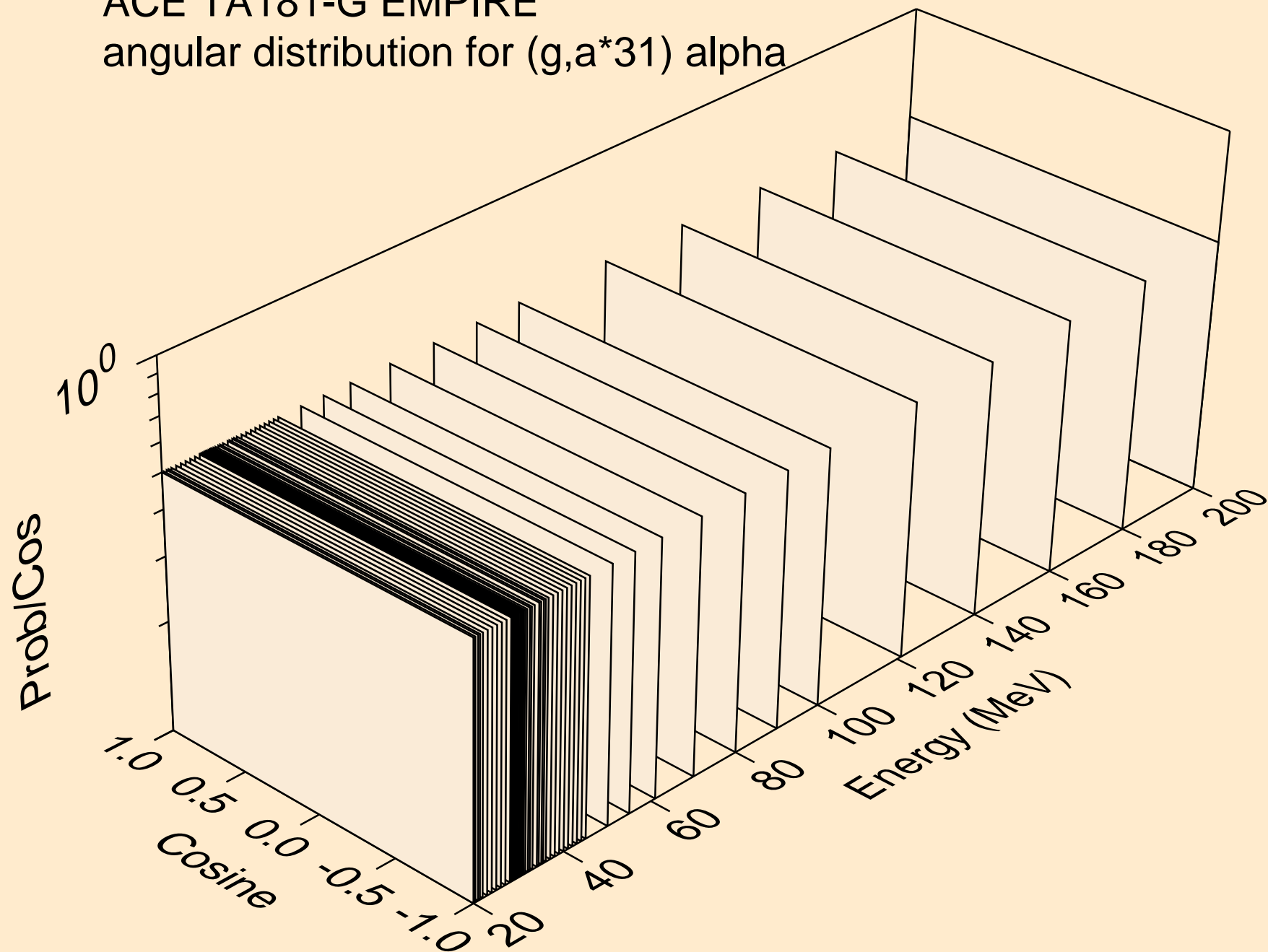
ACE TA181-G EMPIRE
angular distribution for (g,a*30) alpha



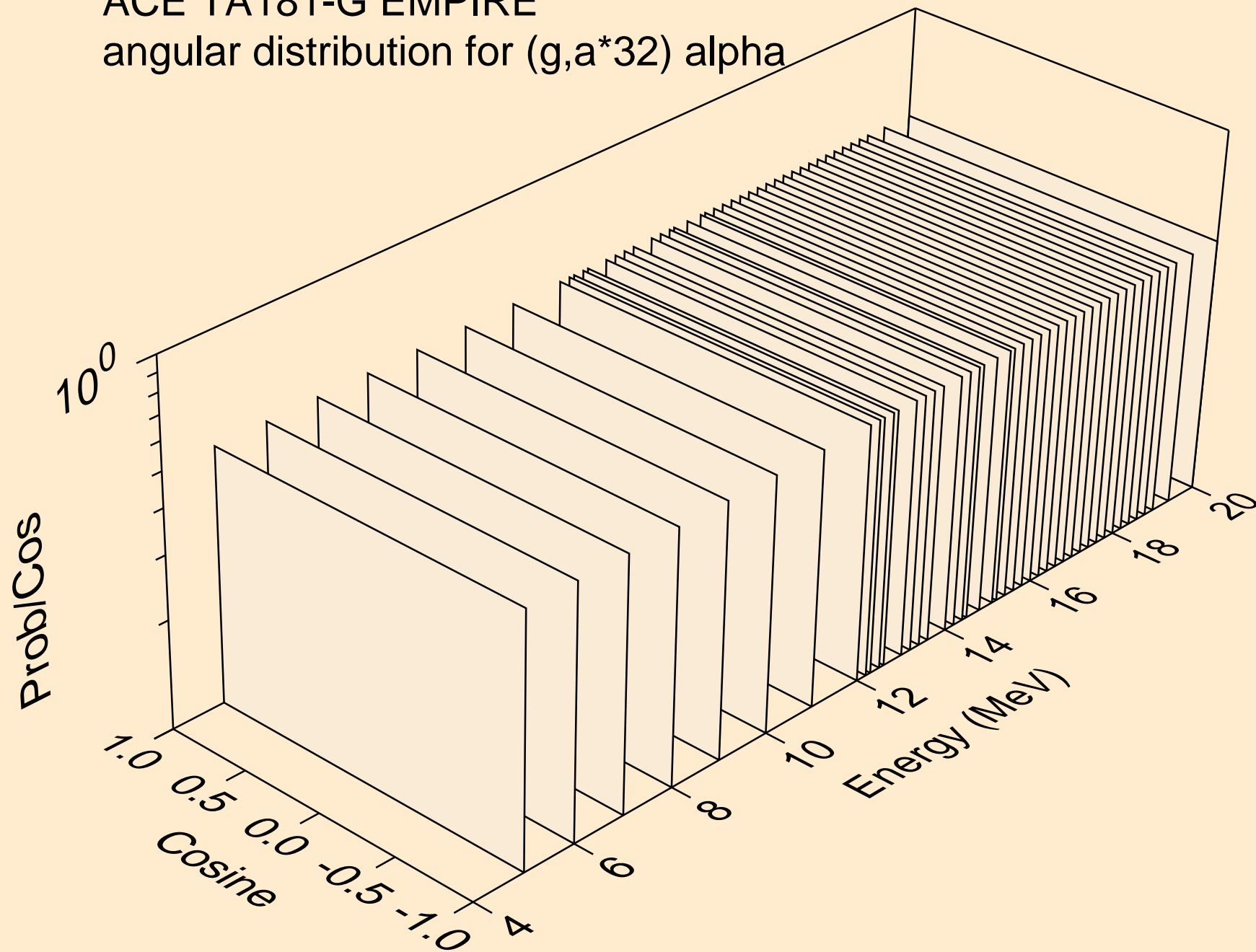
ACE TA181-G EMPIRE
angular distribution for (g,a*31) alpha



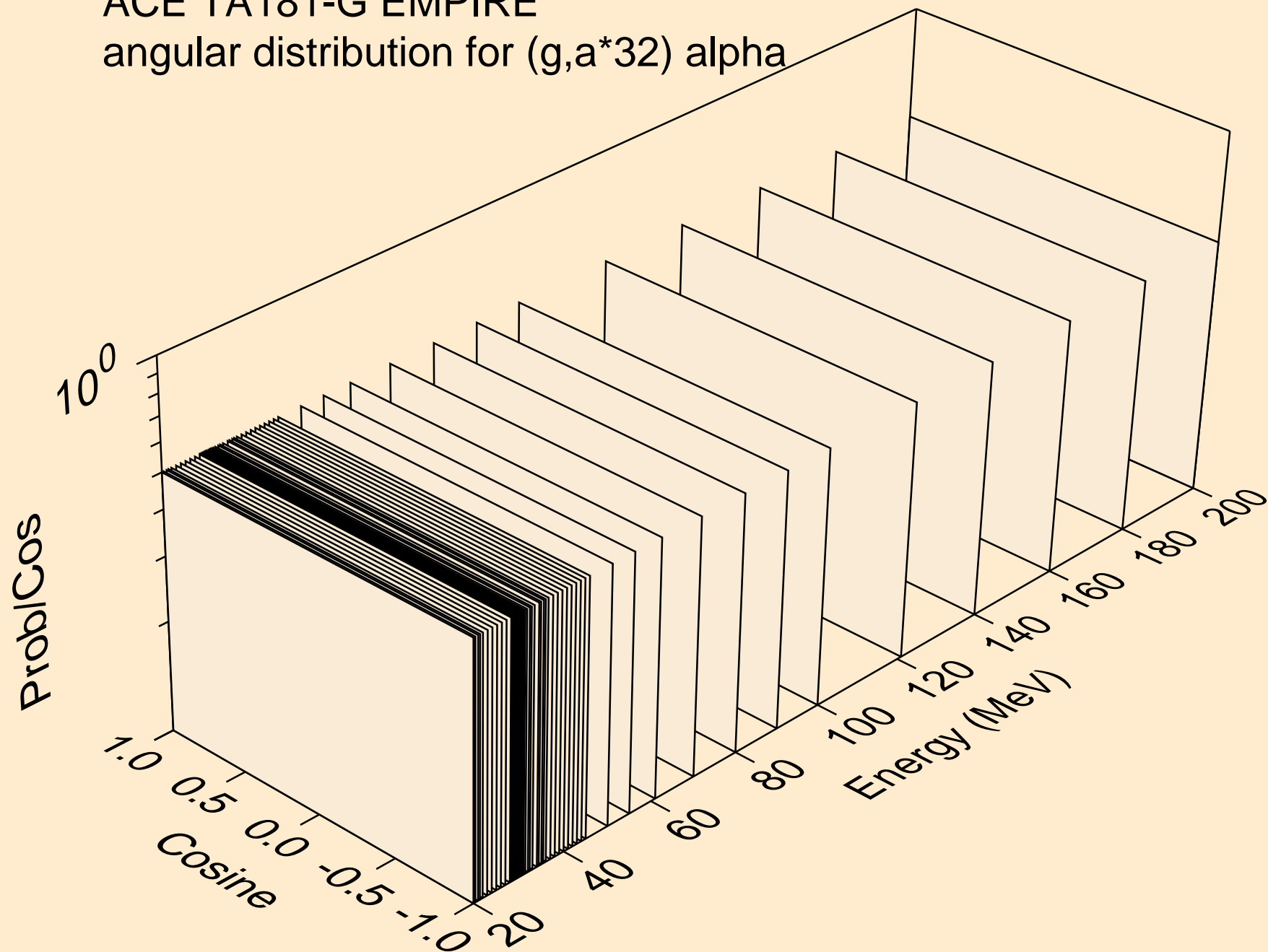
ACE TA181-G EMPIRE
angular distribution for (g,a*31) alpha



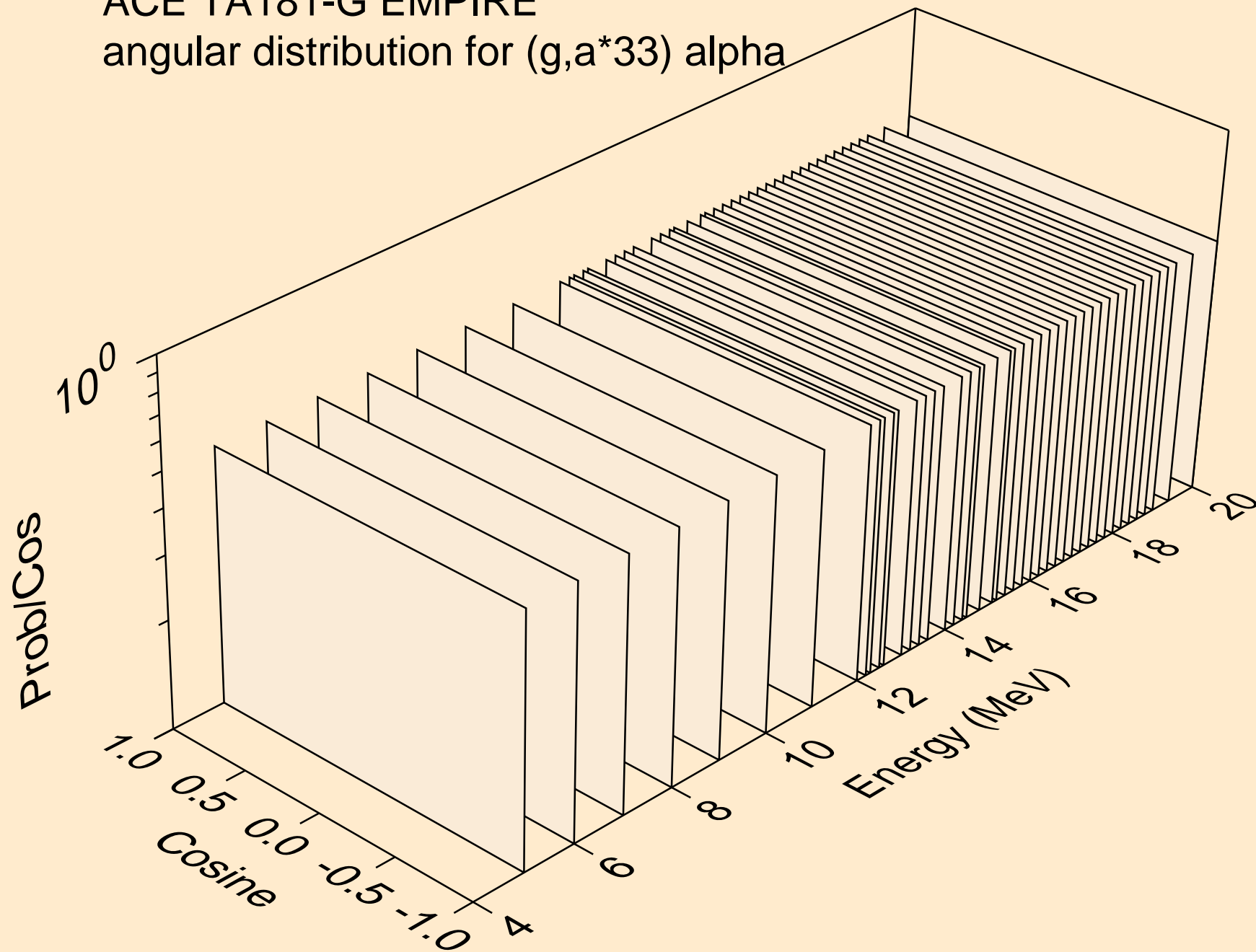
ACE TA181-G EMPIRE
angular distribution for (g,a*32) alpha



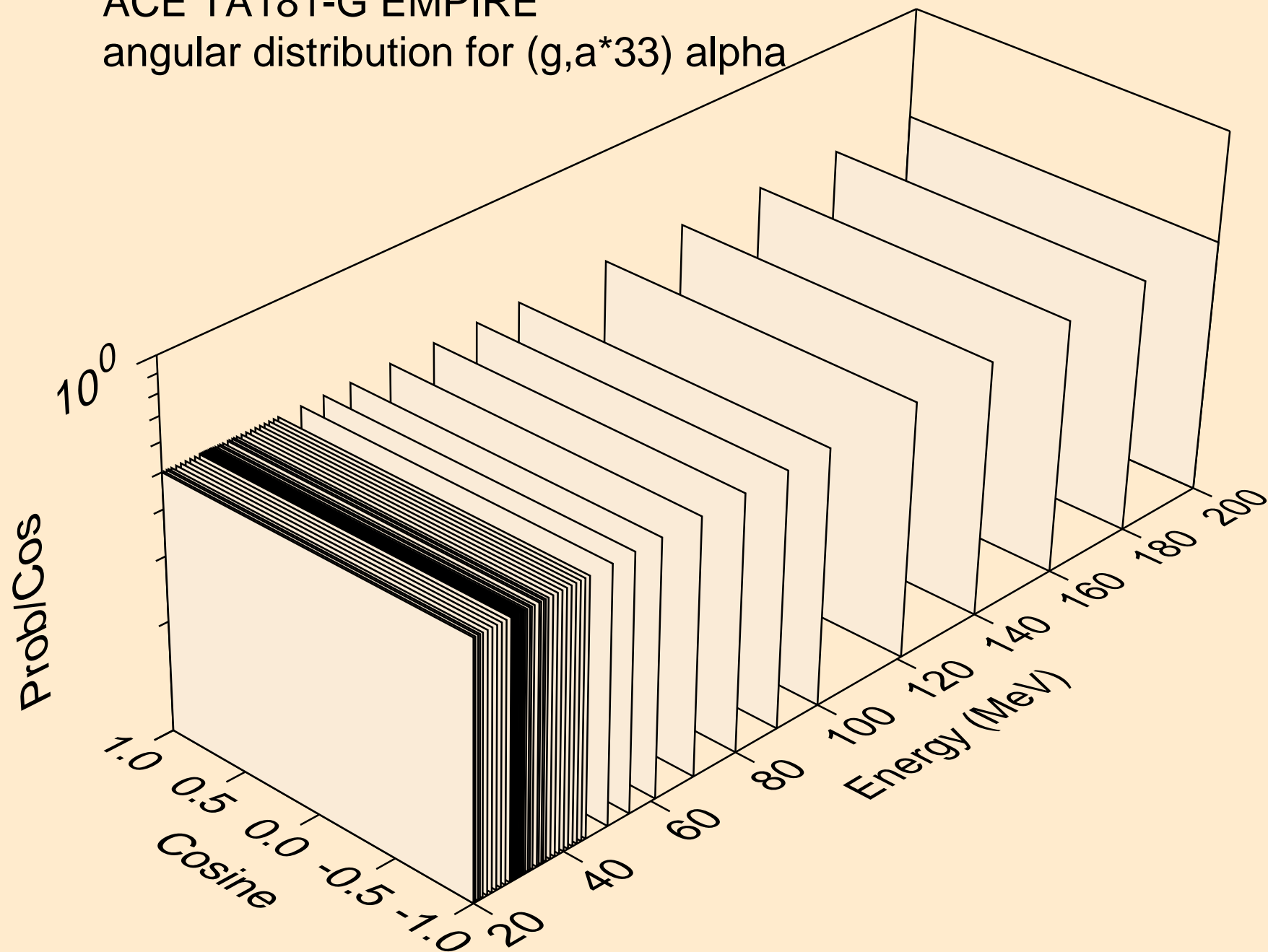
ACE TA181-G EMPIRE
angular distribution for (g,a*32) alpha



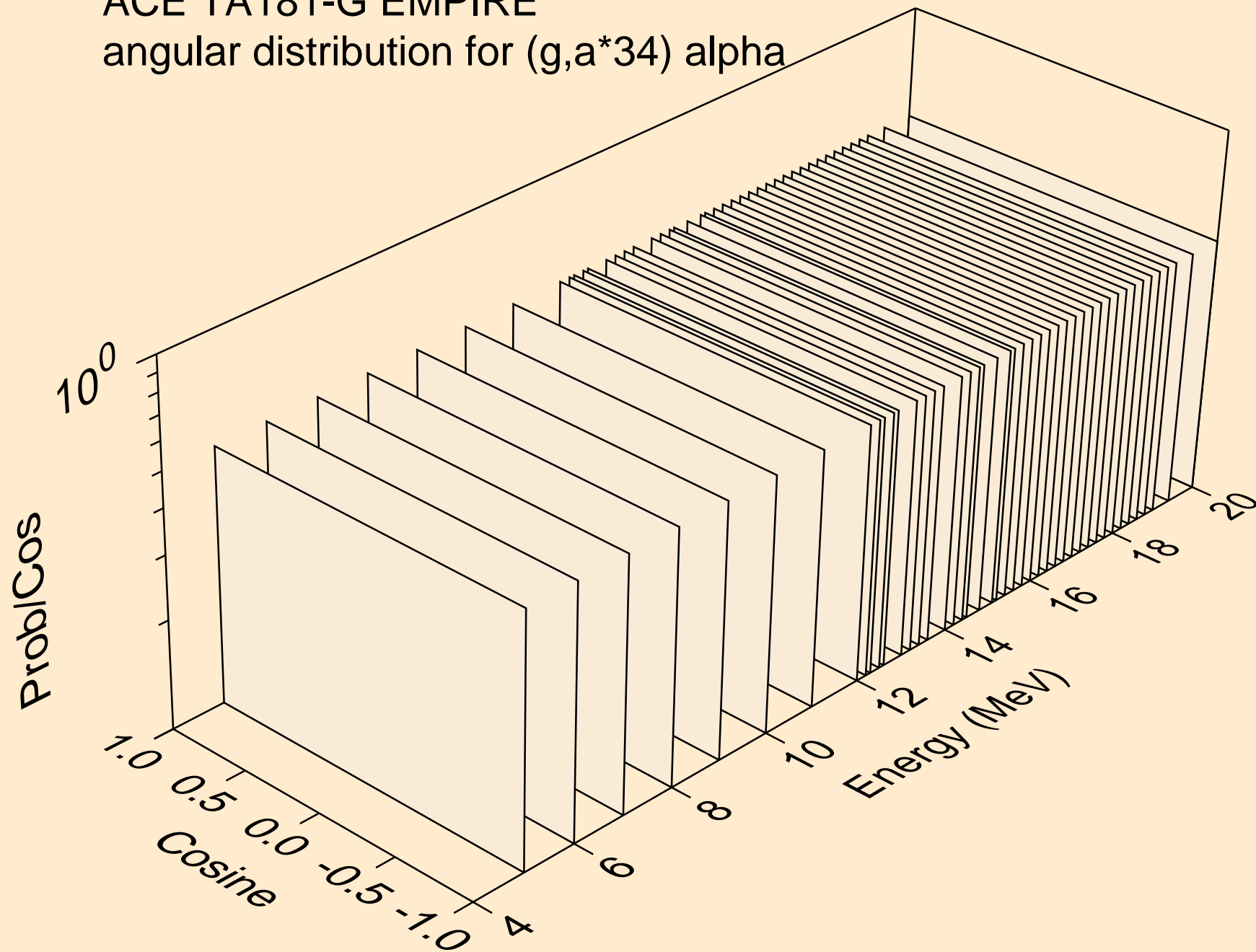
ACE TA181-G EMPIRE
angular distribution for (g,a*33) alpha



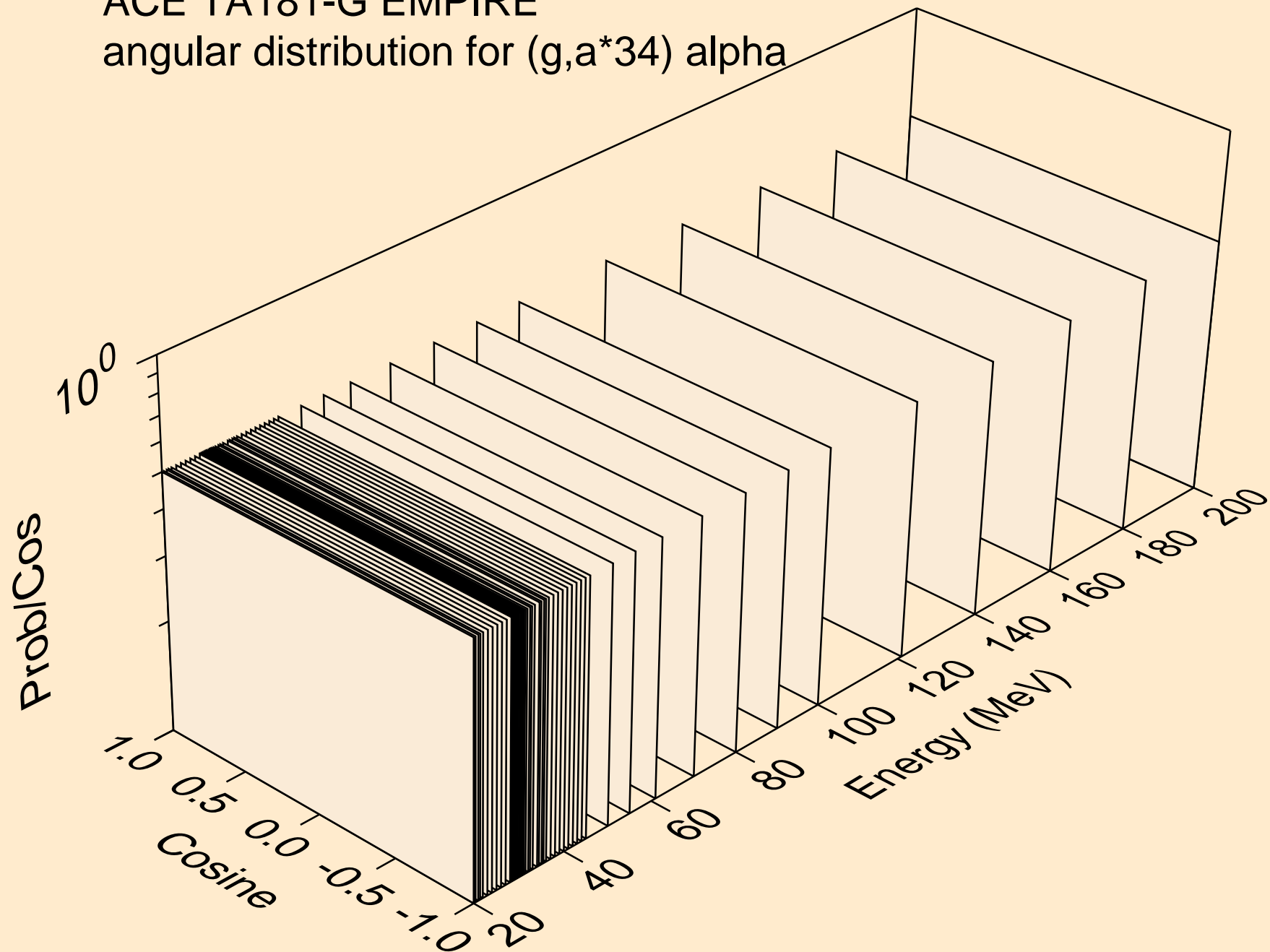
ACE TA181-G EMPIRE
angular distribution for (g,a*33) alpha



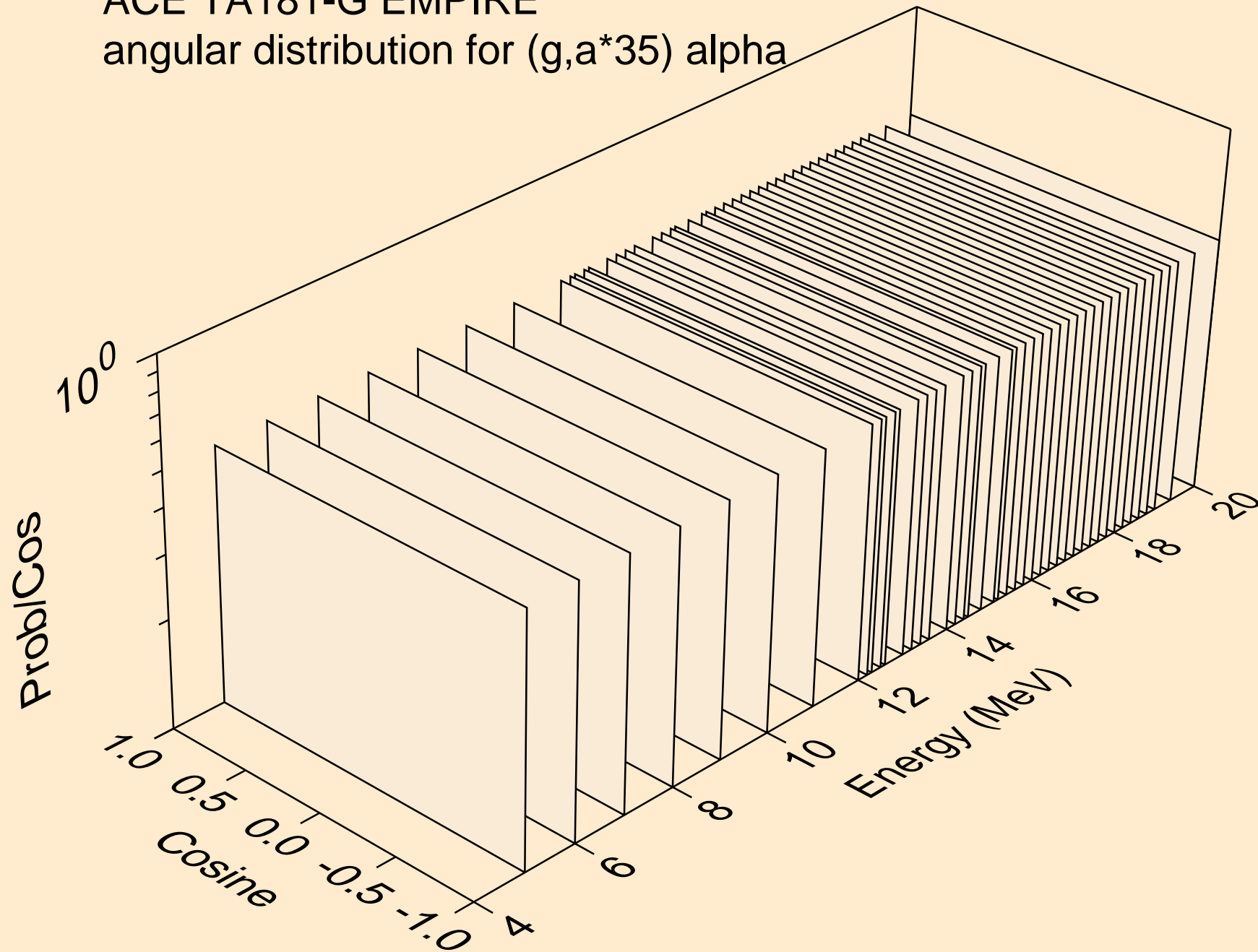
ACE TA181-G EMPIRE
angular distribution for (g,a*34) alpha



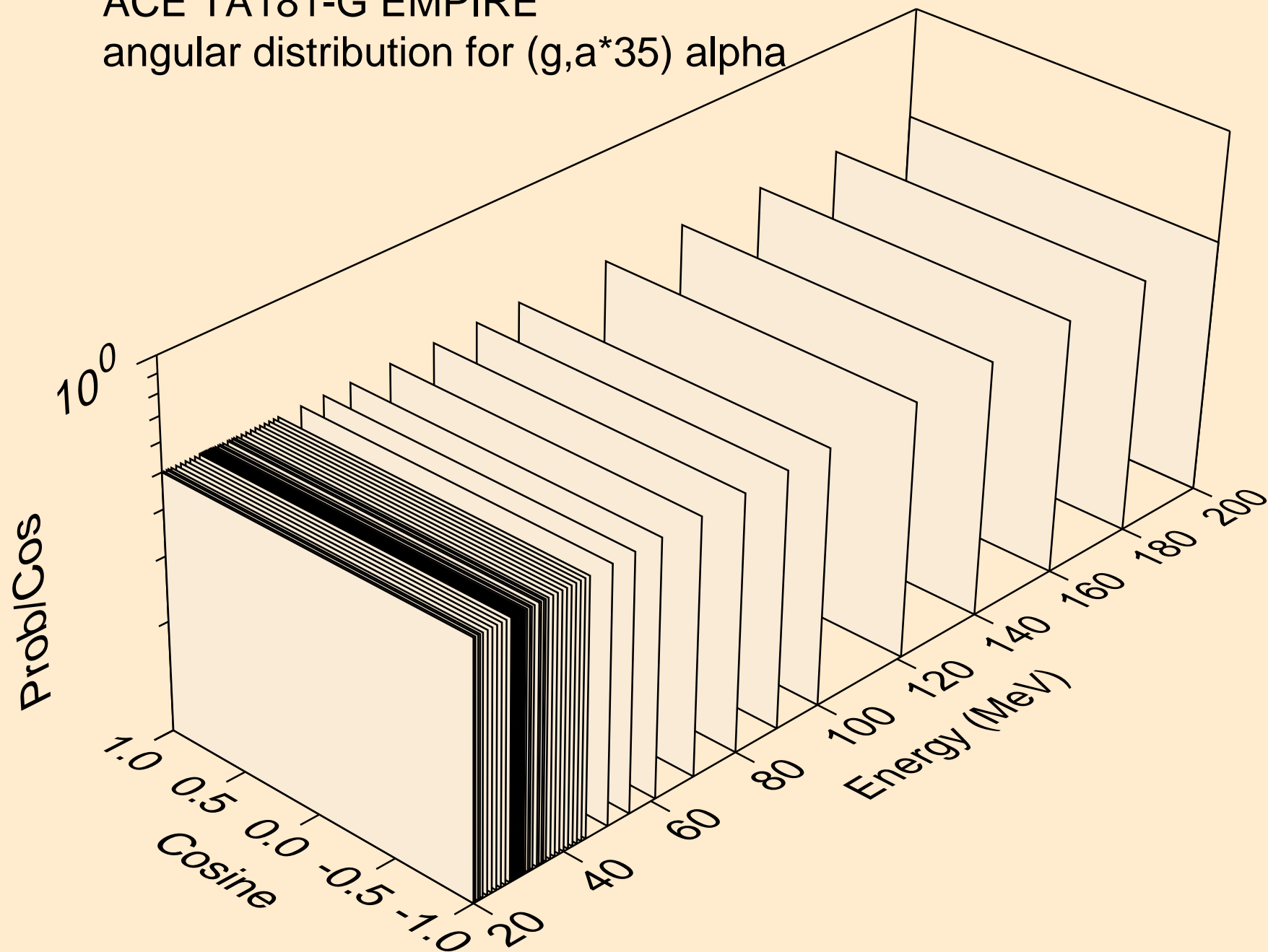
ACE TA181-G EMPIRE
angular distribution for (g,a*34) alpha



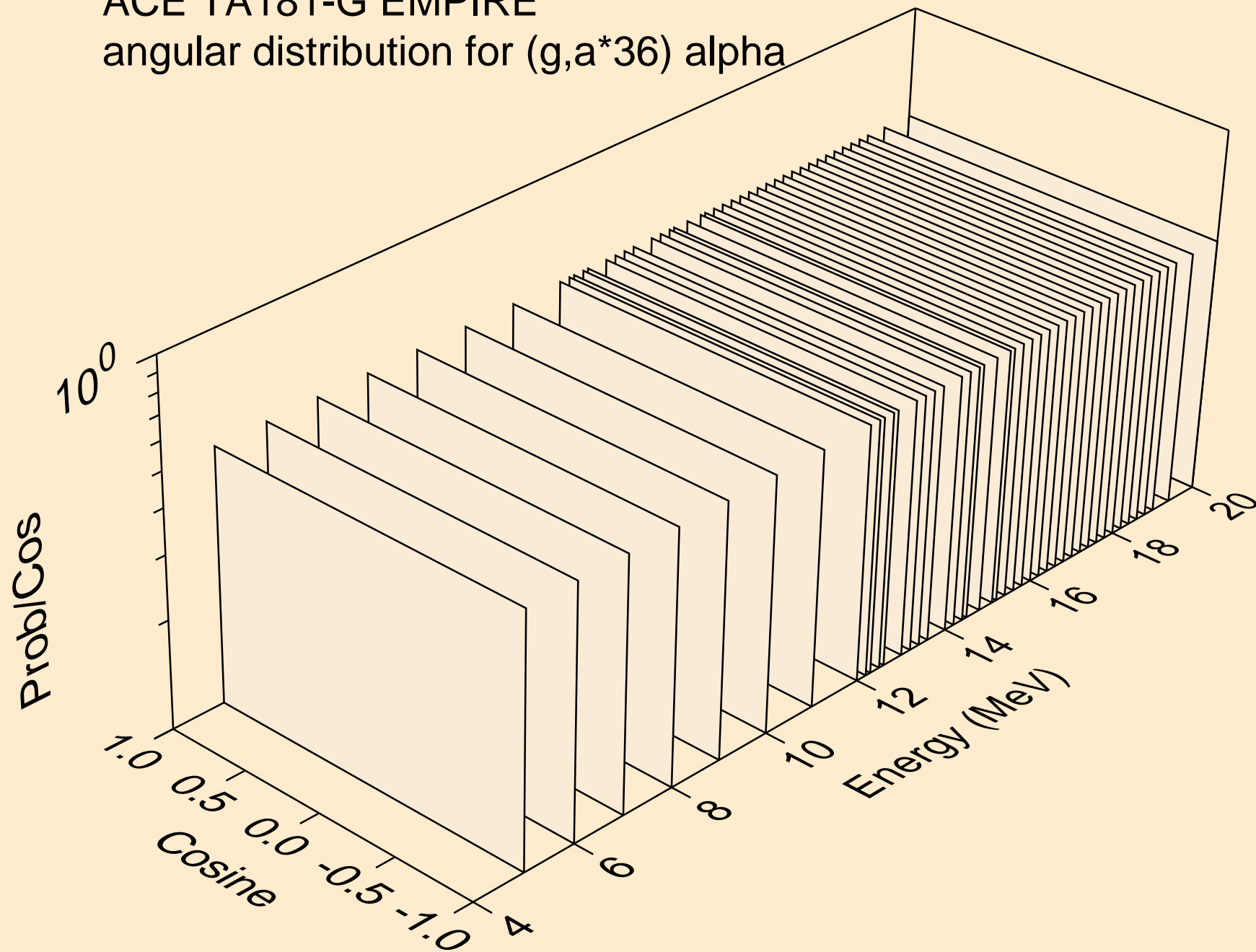
ACE TA181-G EMPIRE
angular distribution for (g,a*35) alpha



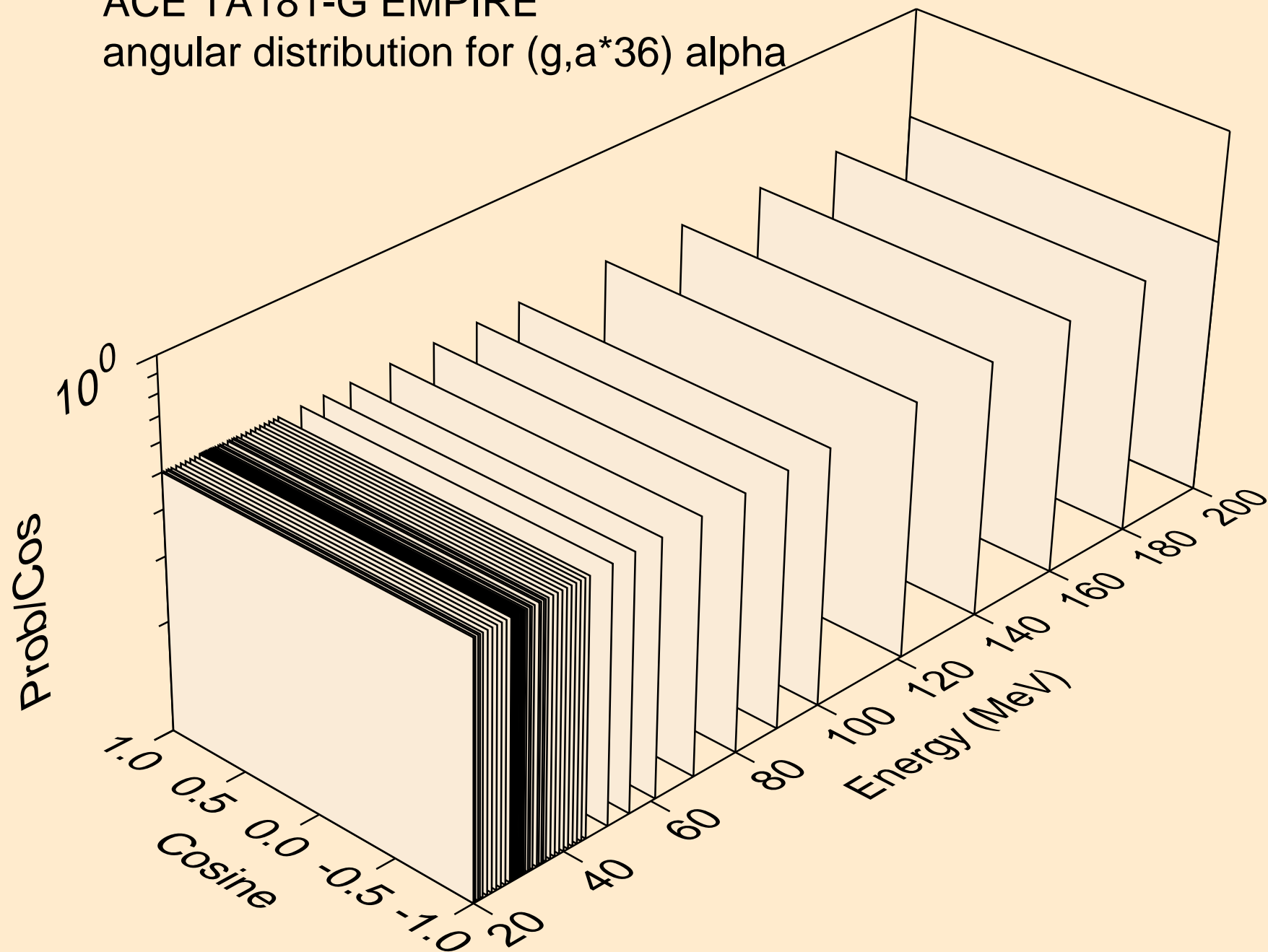
ACE TA181-G EMPIRE
angular distribution for (g,a*35) alpha



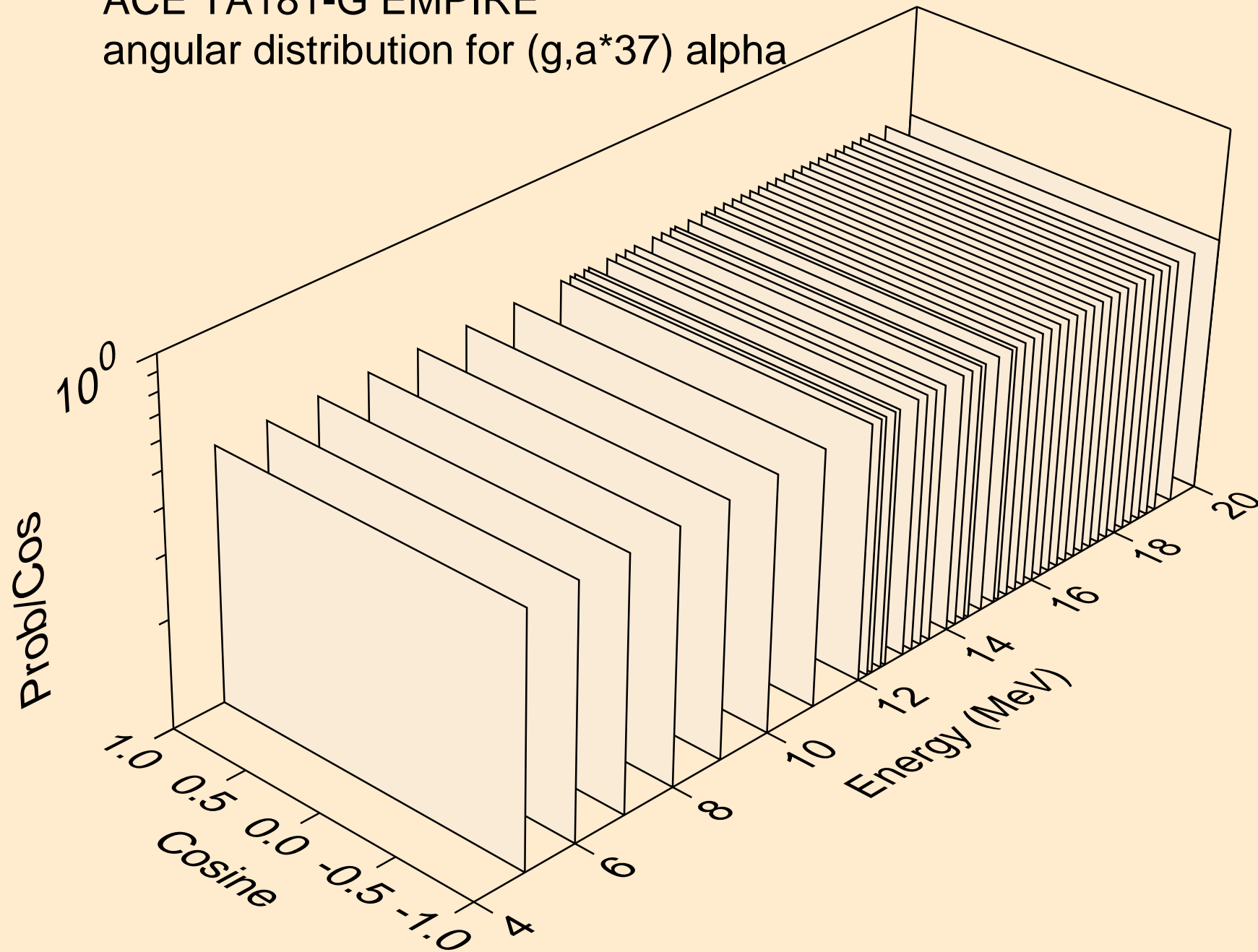
ACE TA181-G EMPIRE
angular distribution for (g,a*36) alpha



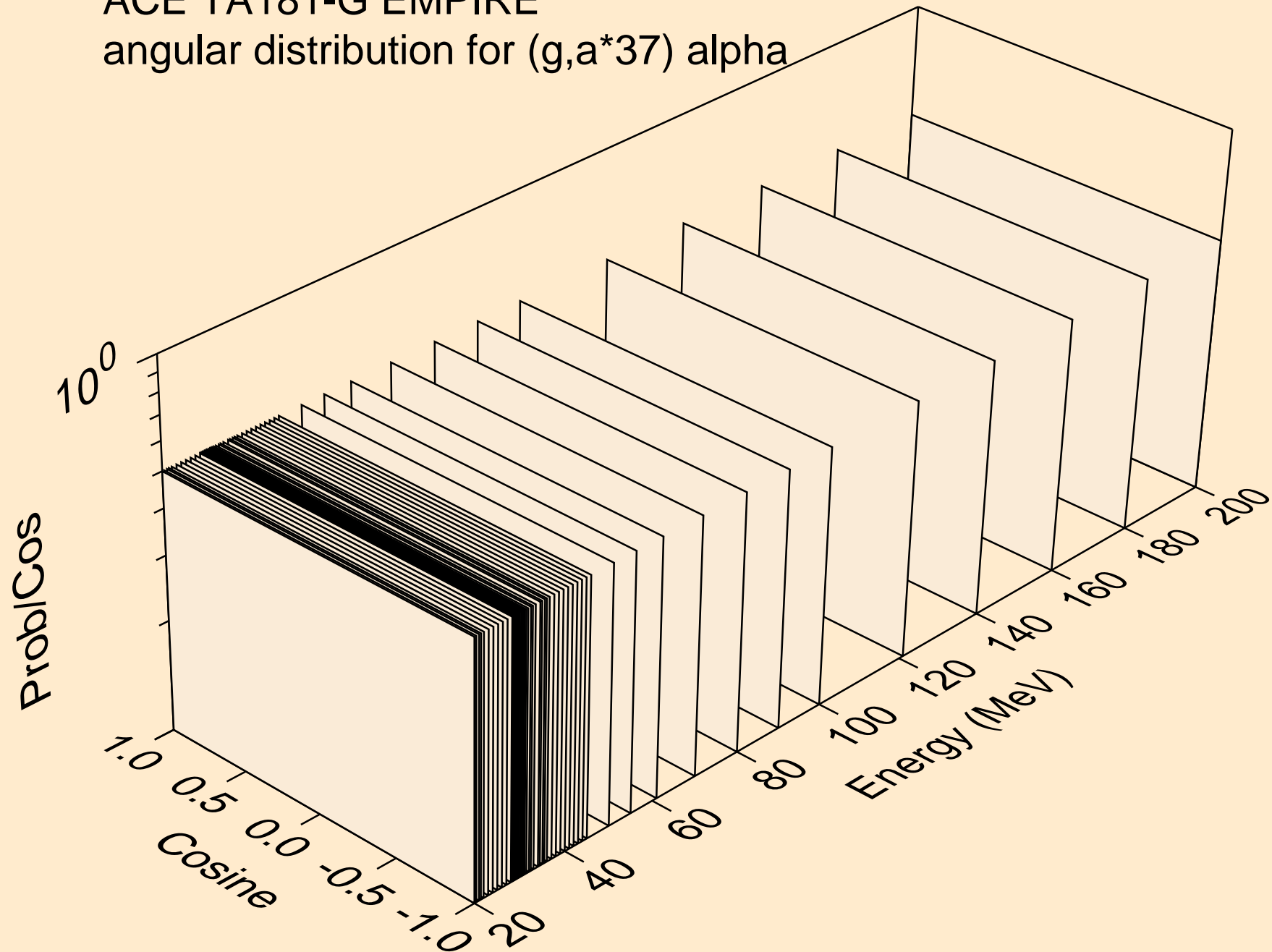
ACE TA181-G EMPIRE
angular distribution for (g,a*36) alpha



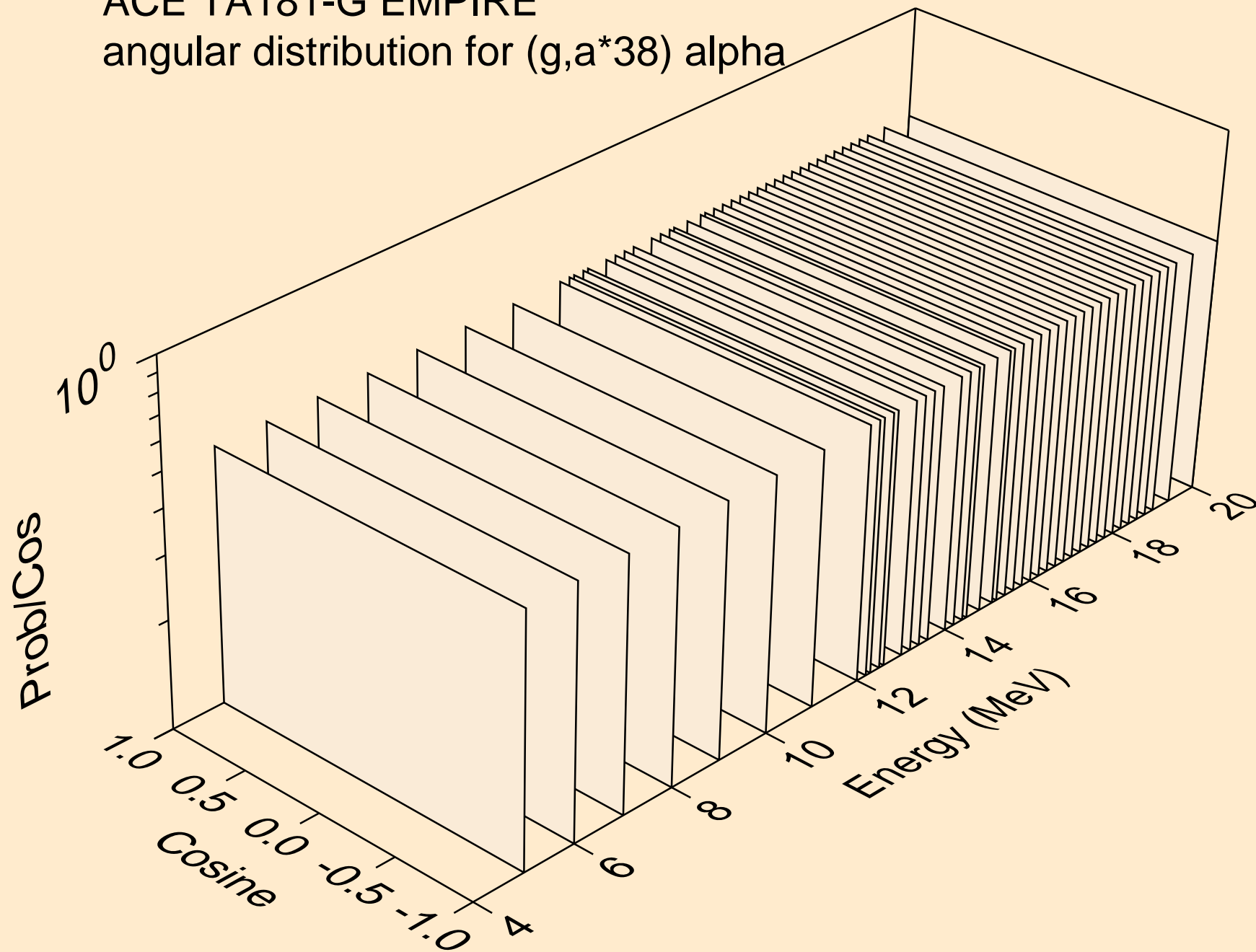
ACE TA181-G EMPIRE
angular distribution for (g,a*37) alpha



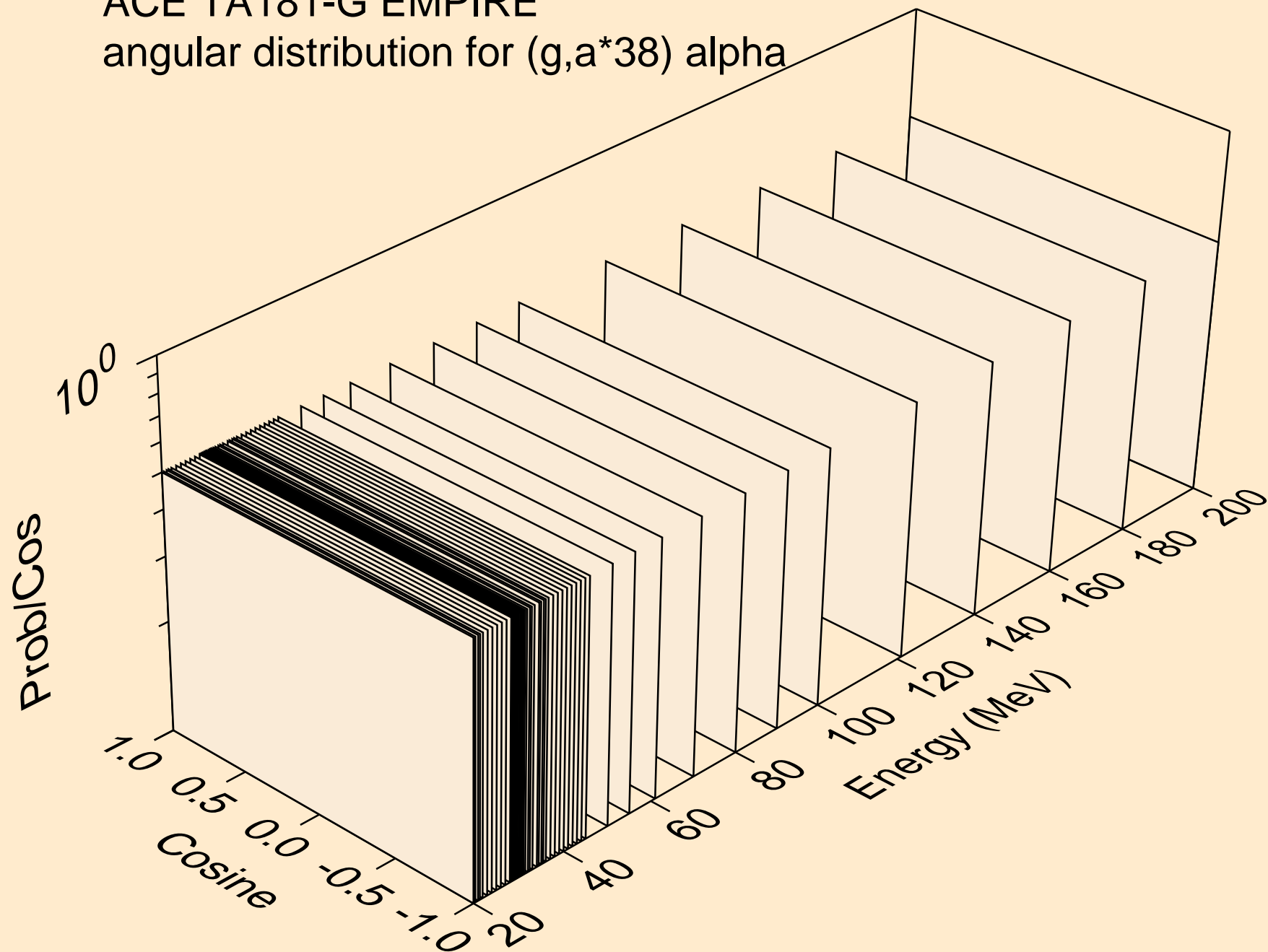
ACE TA181-G EMPIRE
angular distribution for (g,a*37) alpha



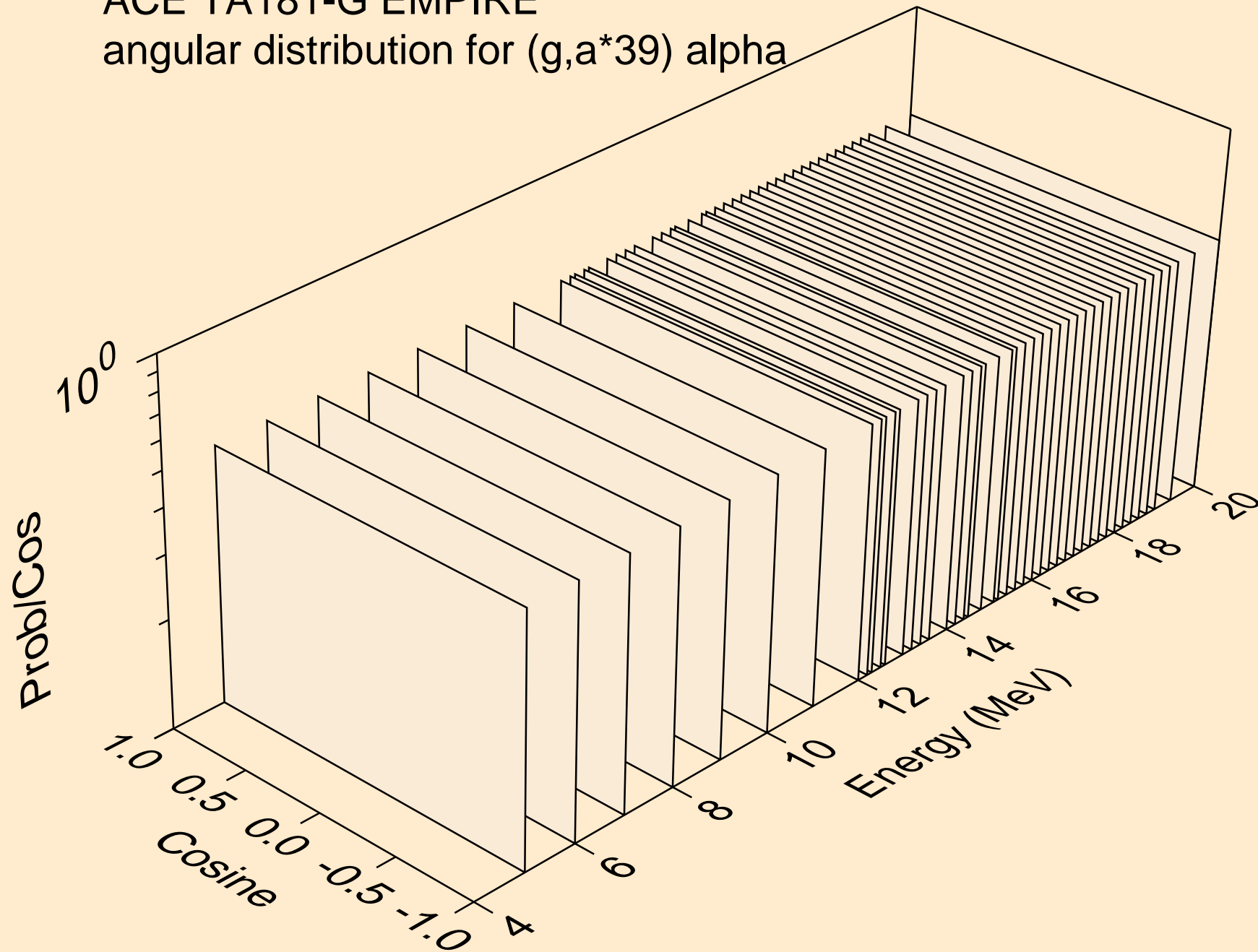
ACE TA181-G EMPIRE
angular distribution for (g,a*38) alpha



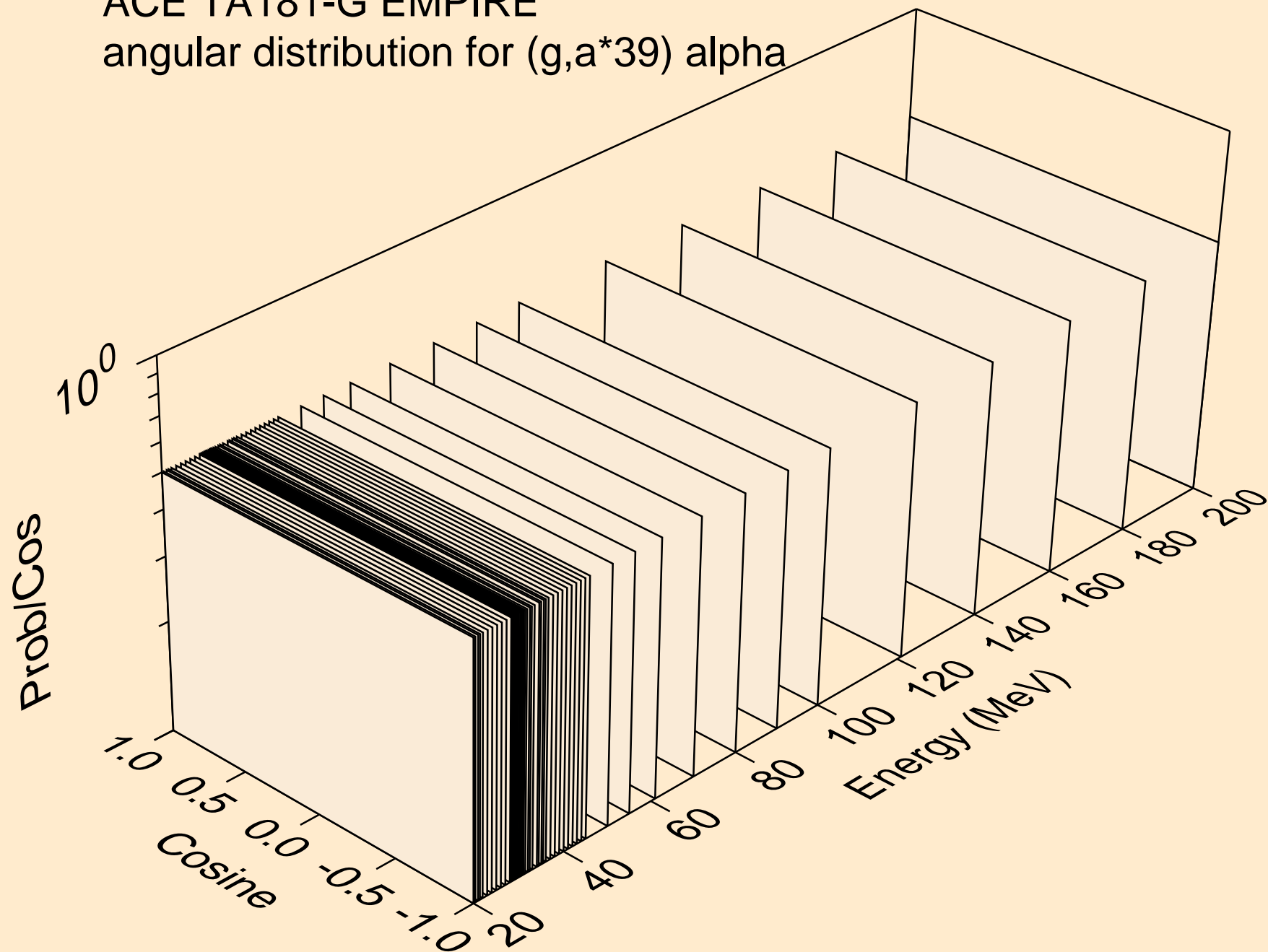
ACE TA181-G EMPIRE
angular distribution for (g,a*38) alpha



ACE TA181-G EMPIRE
angular distribution for (g,a*39) alpha



ACE TA181-G EMPIRE
angular distribution for (g,a*39) alpha



ACE TA181-G EMPIRE
alphas from (g,a*c)

