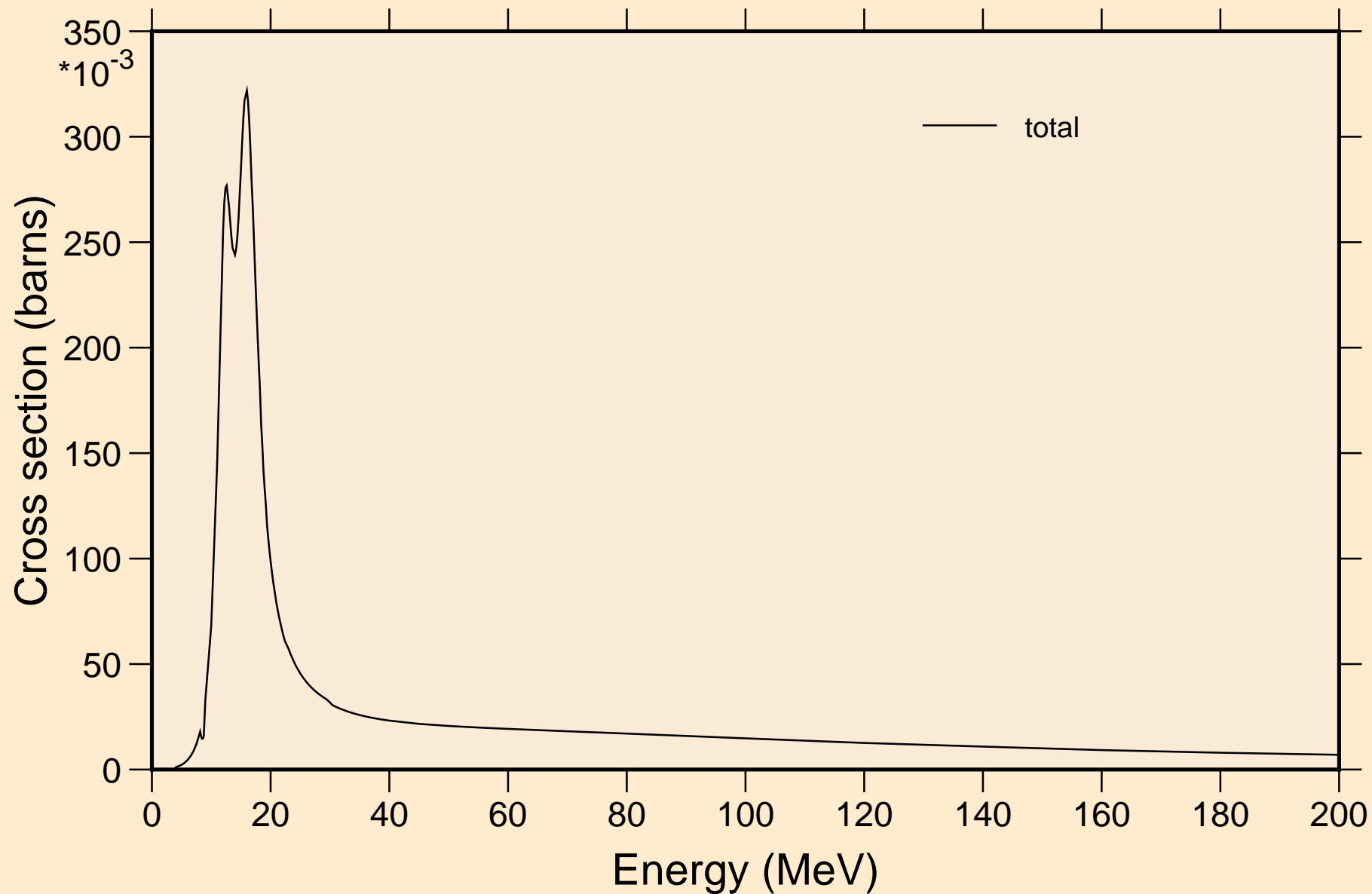


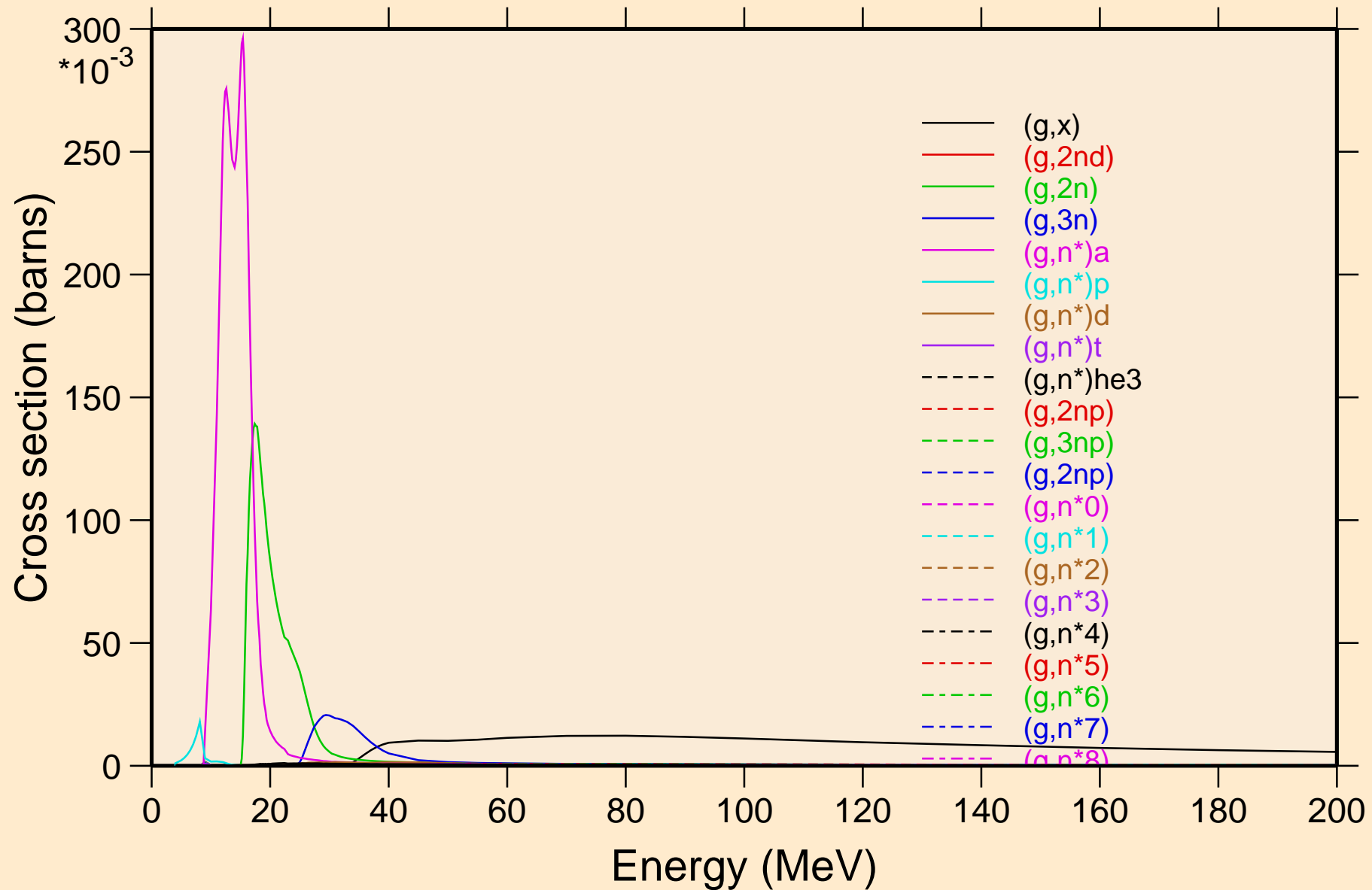
# ACE TB159-G EMPIRE

## Principal cross sections



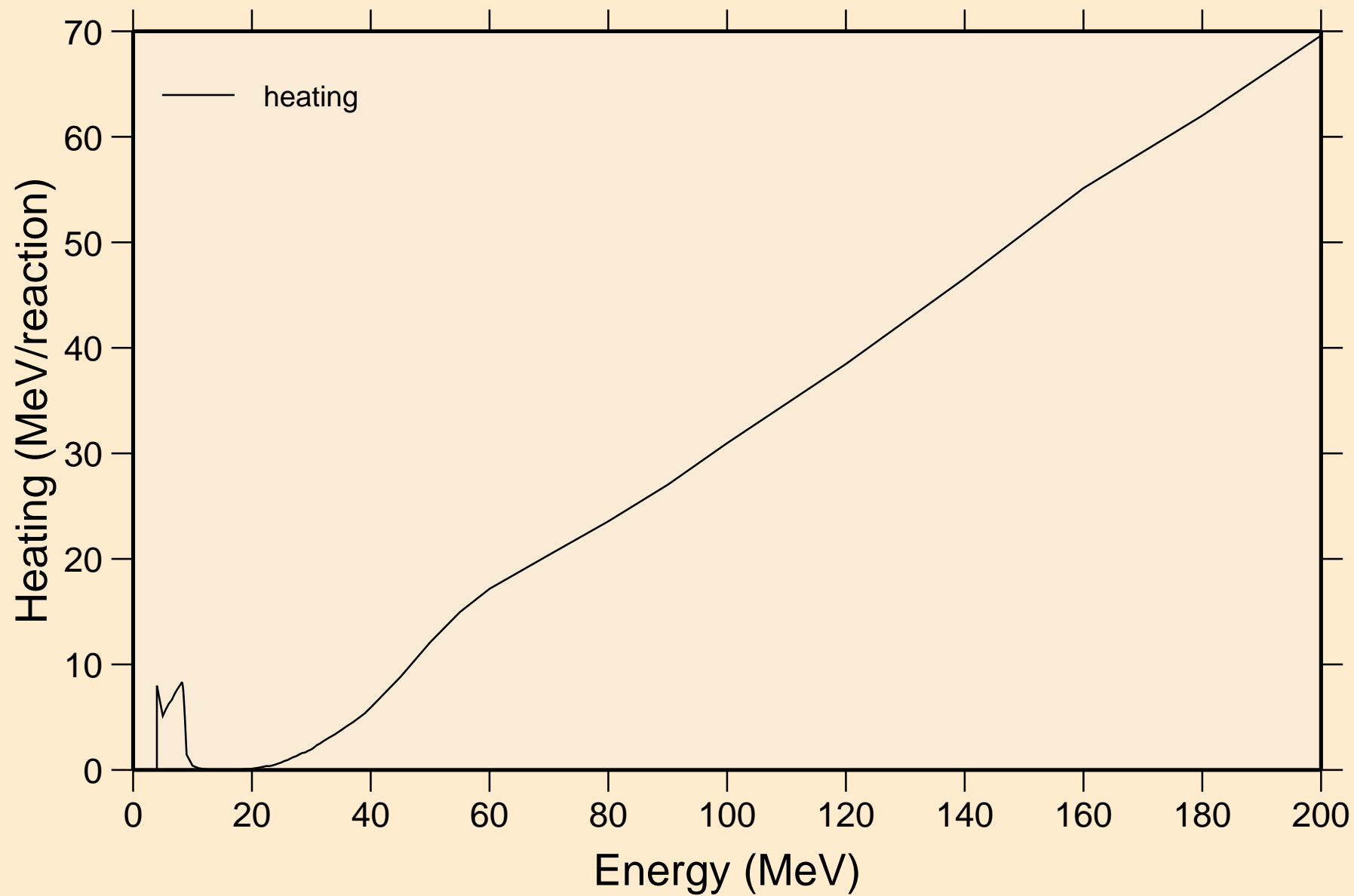
# ACE TB159-G EMPIRE

## Partial cross sections



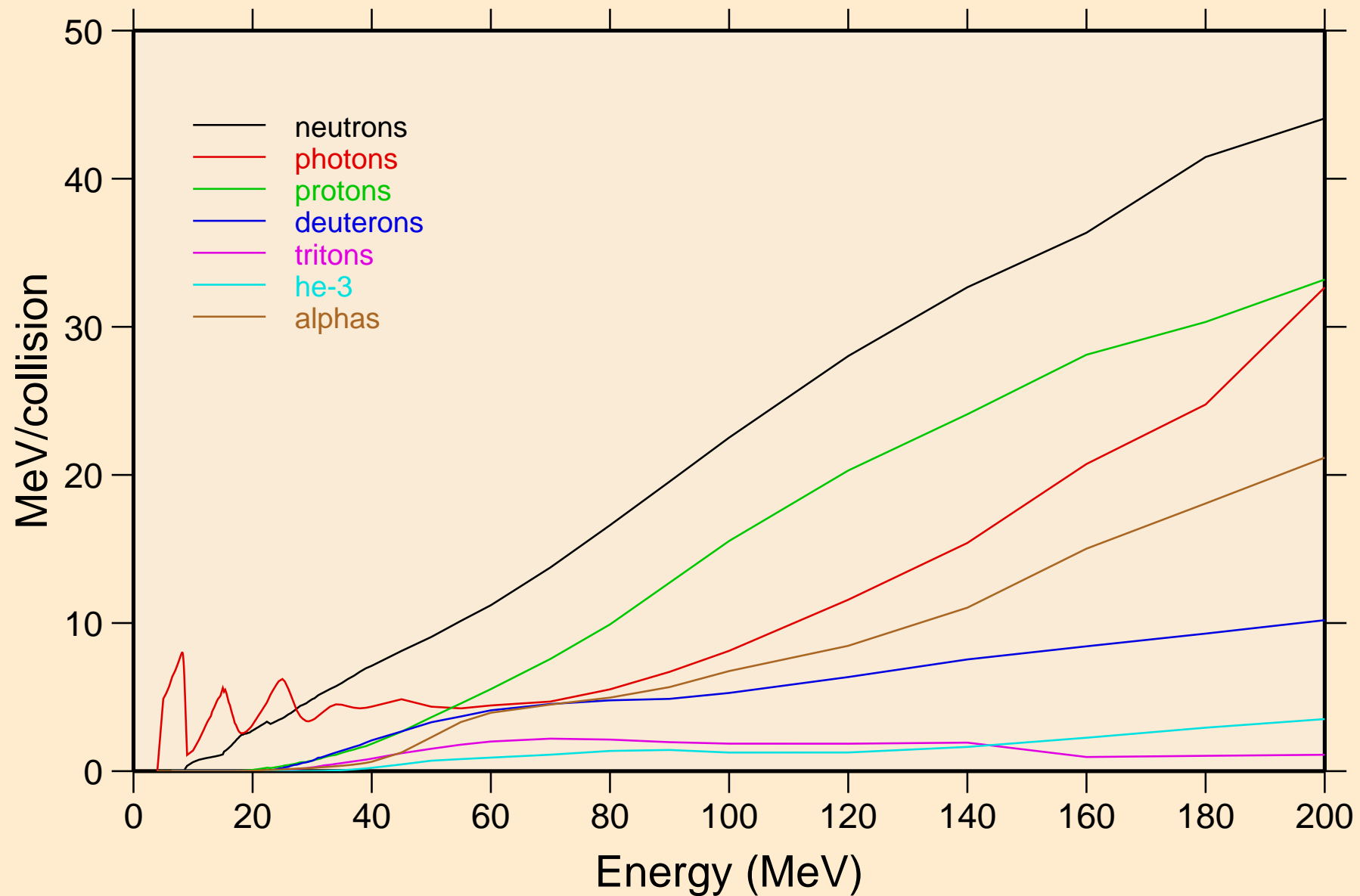
# ACE TB159-G EMPIRE

## Heating



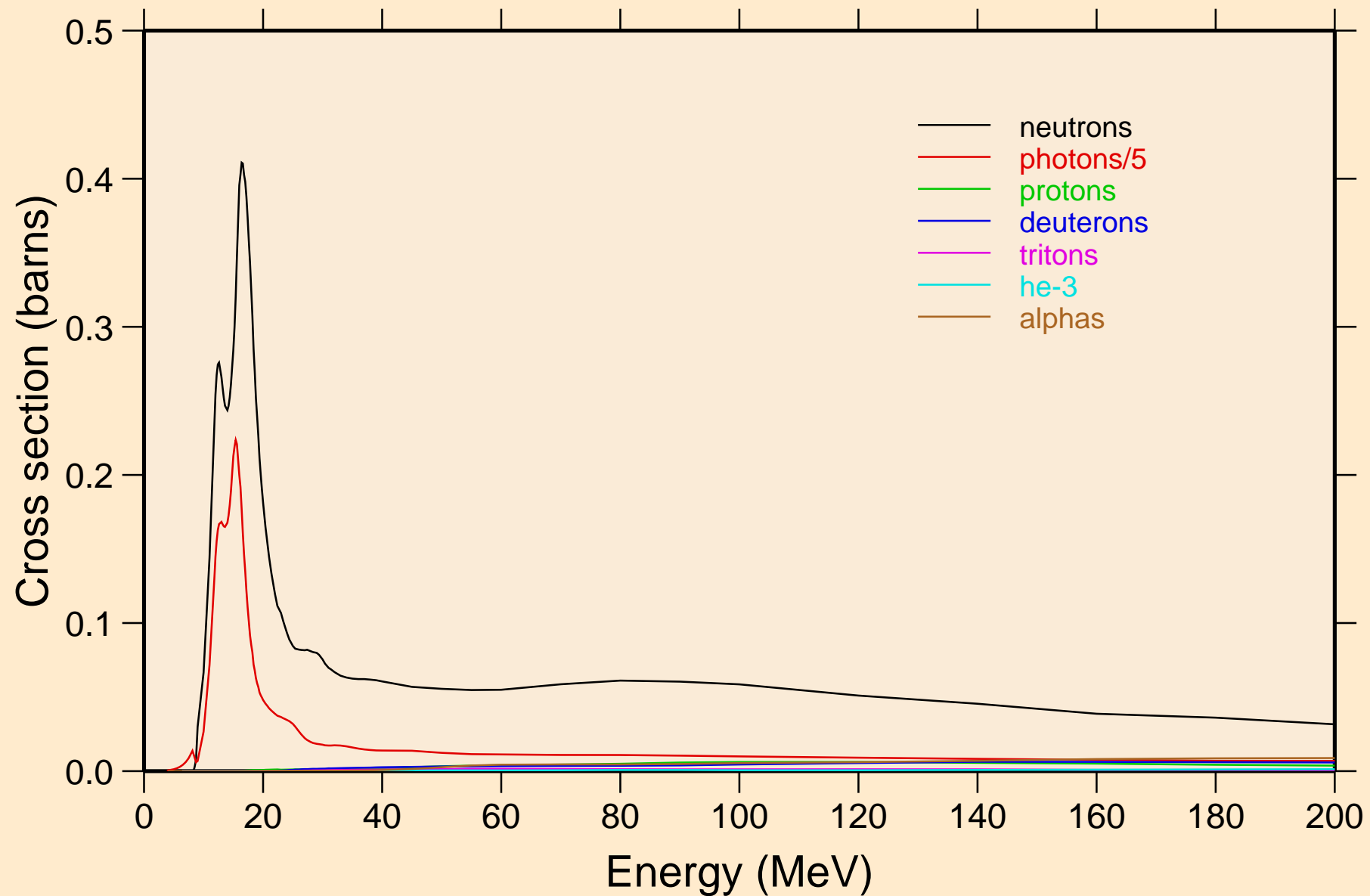
# ACE TB159-G EMPIRE

## Particle heating contributions



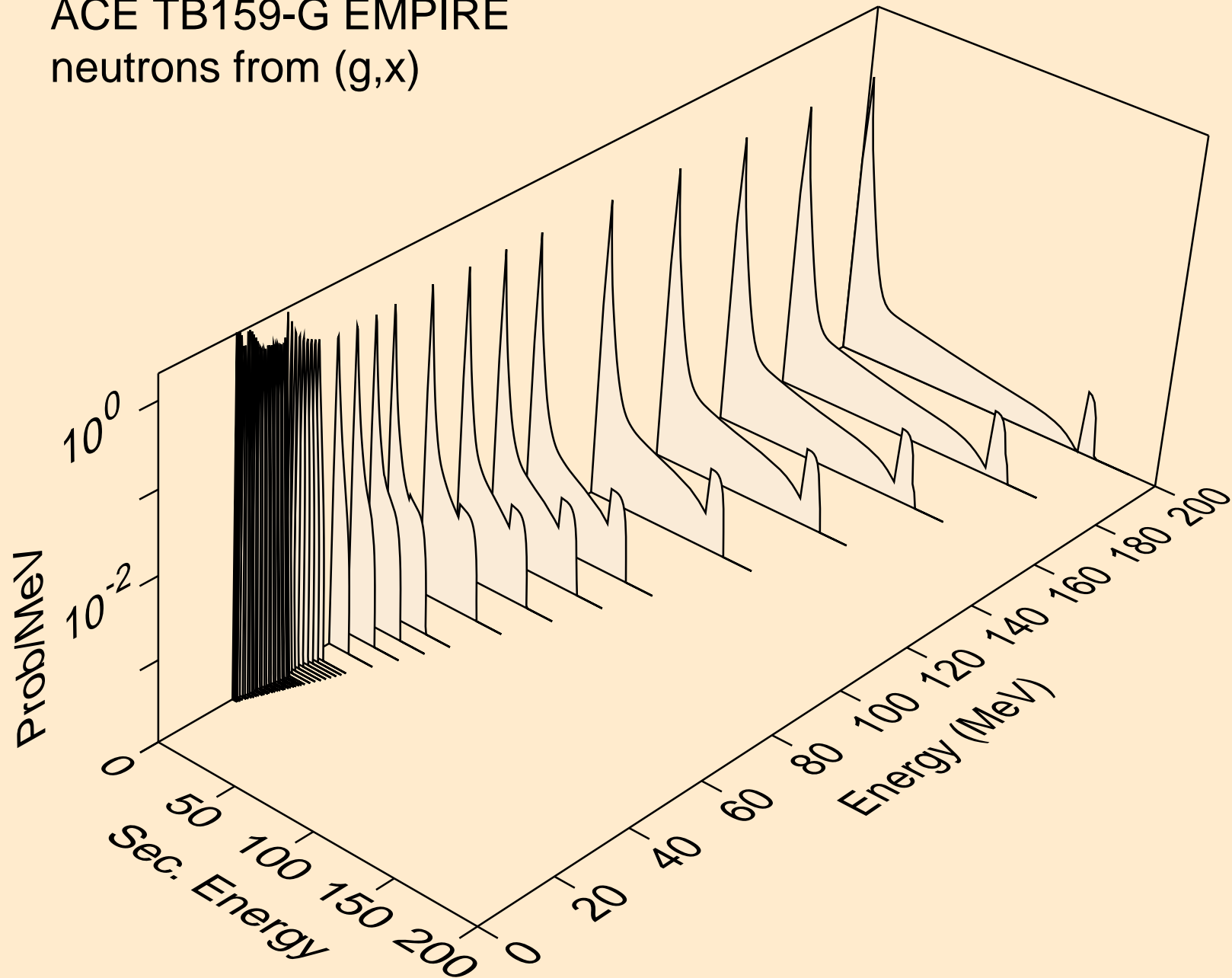
# ACE TB159-G EMPIRE

## Particle production cross sections

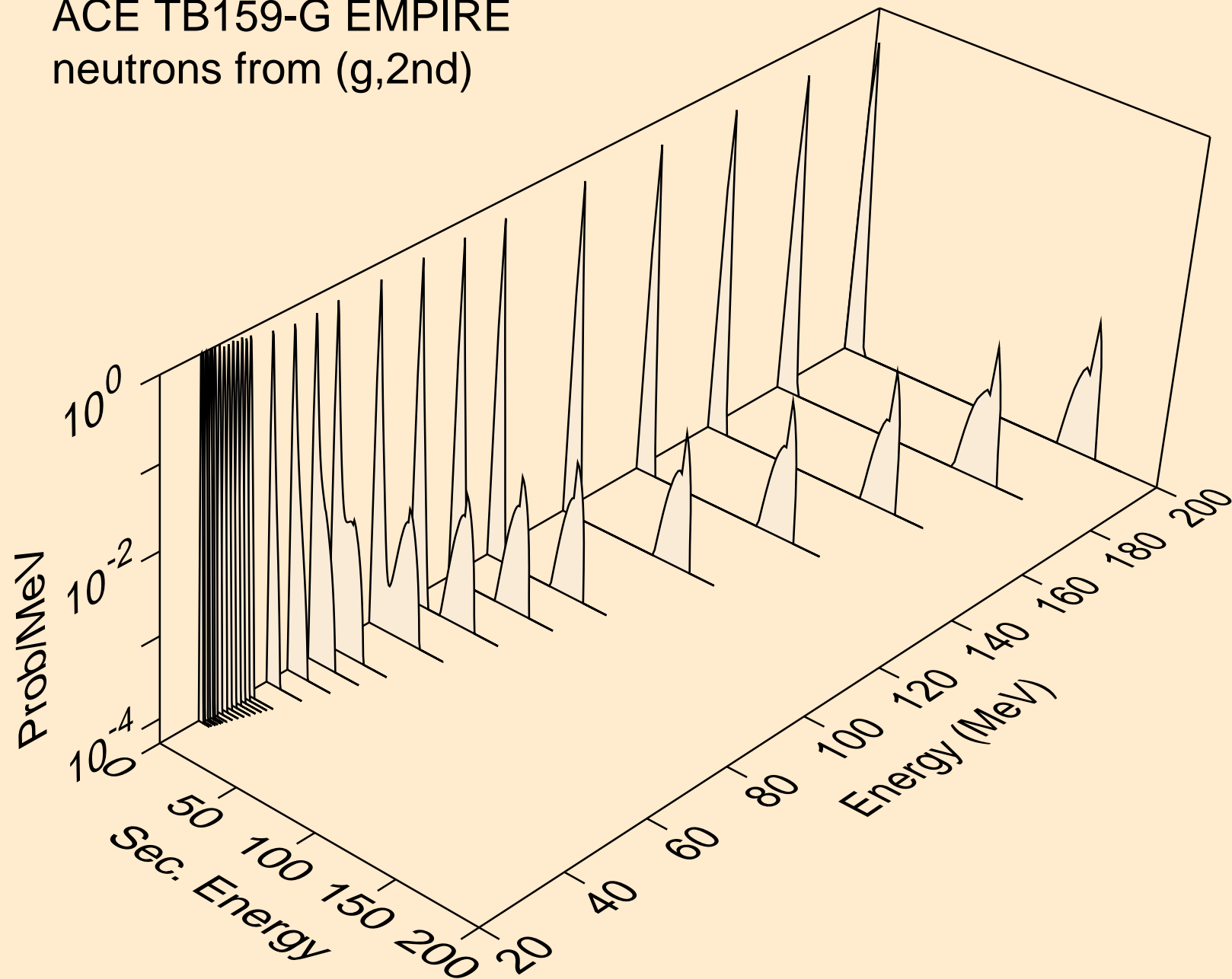


# ACE TB159-G EMPIRE

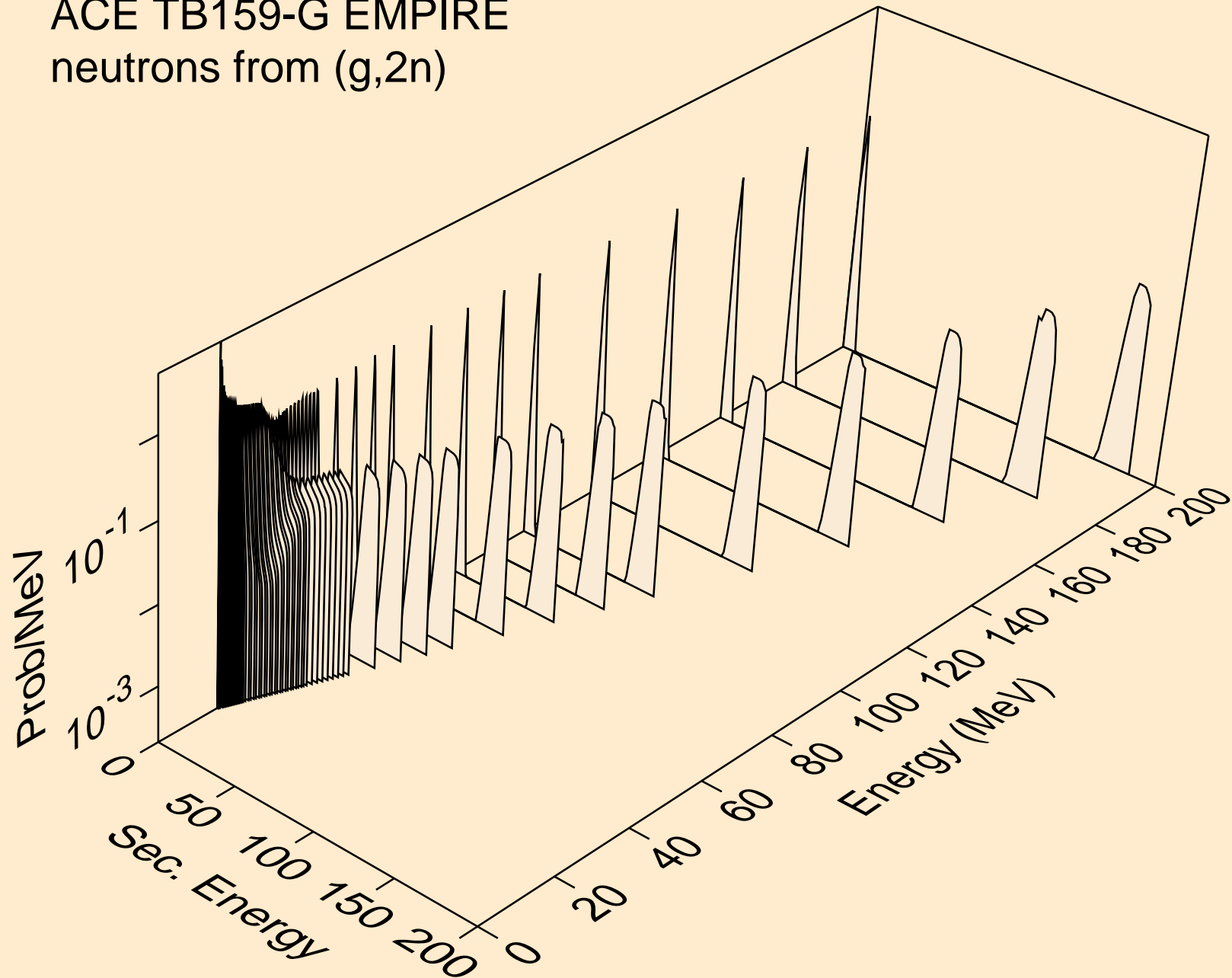
neutrons from (g,x)



ACE TB159-G EMPIRE  
neutrons from (g,2nd)

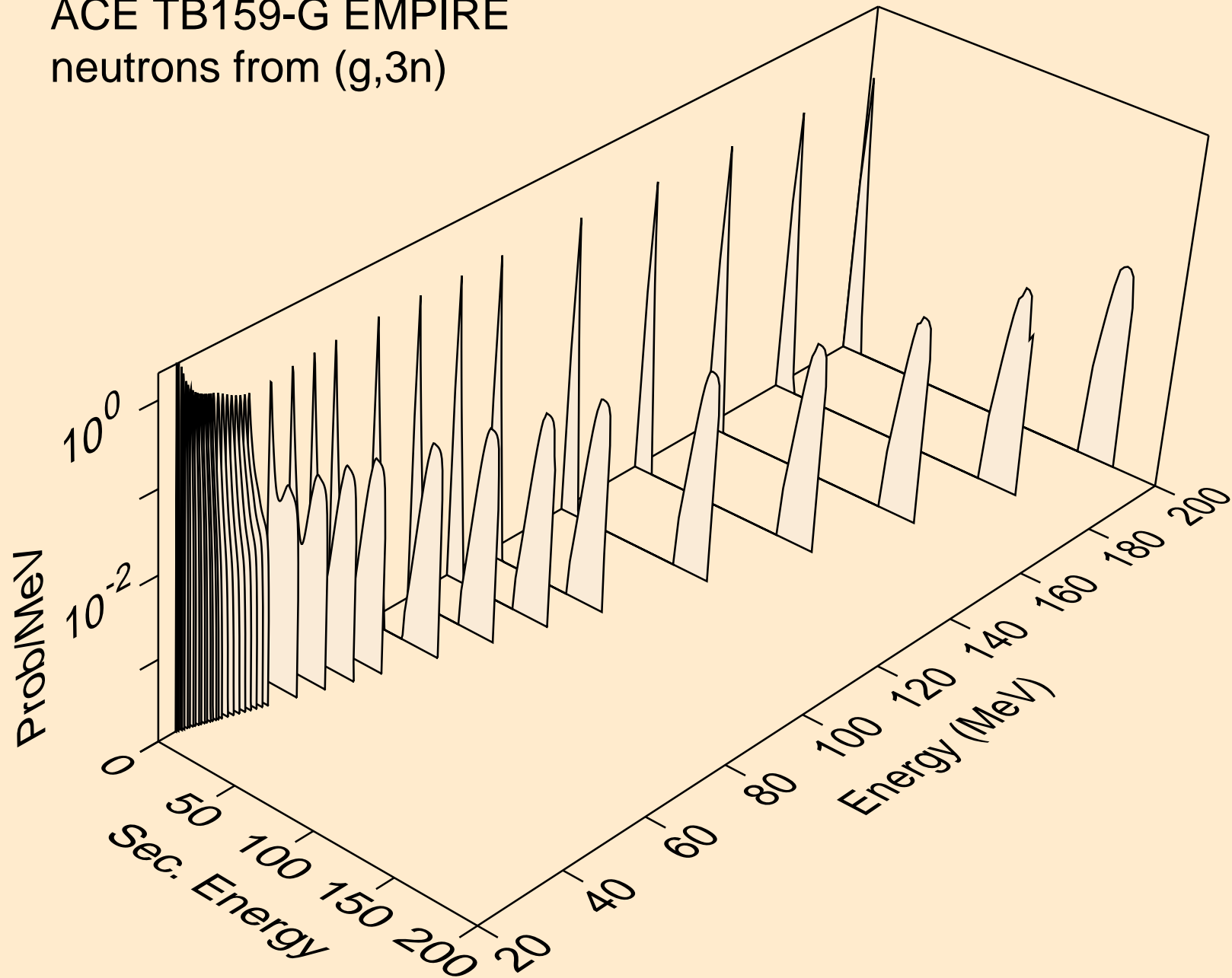


ACE TB159-G EMPIRE  
neutrons from (g,2n)

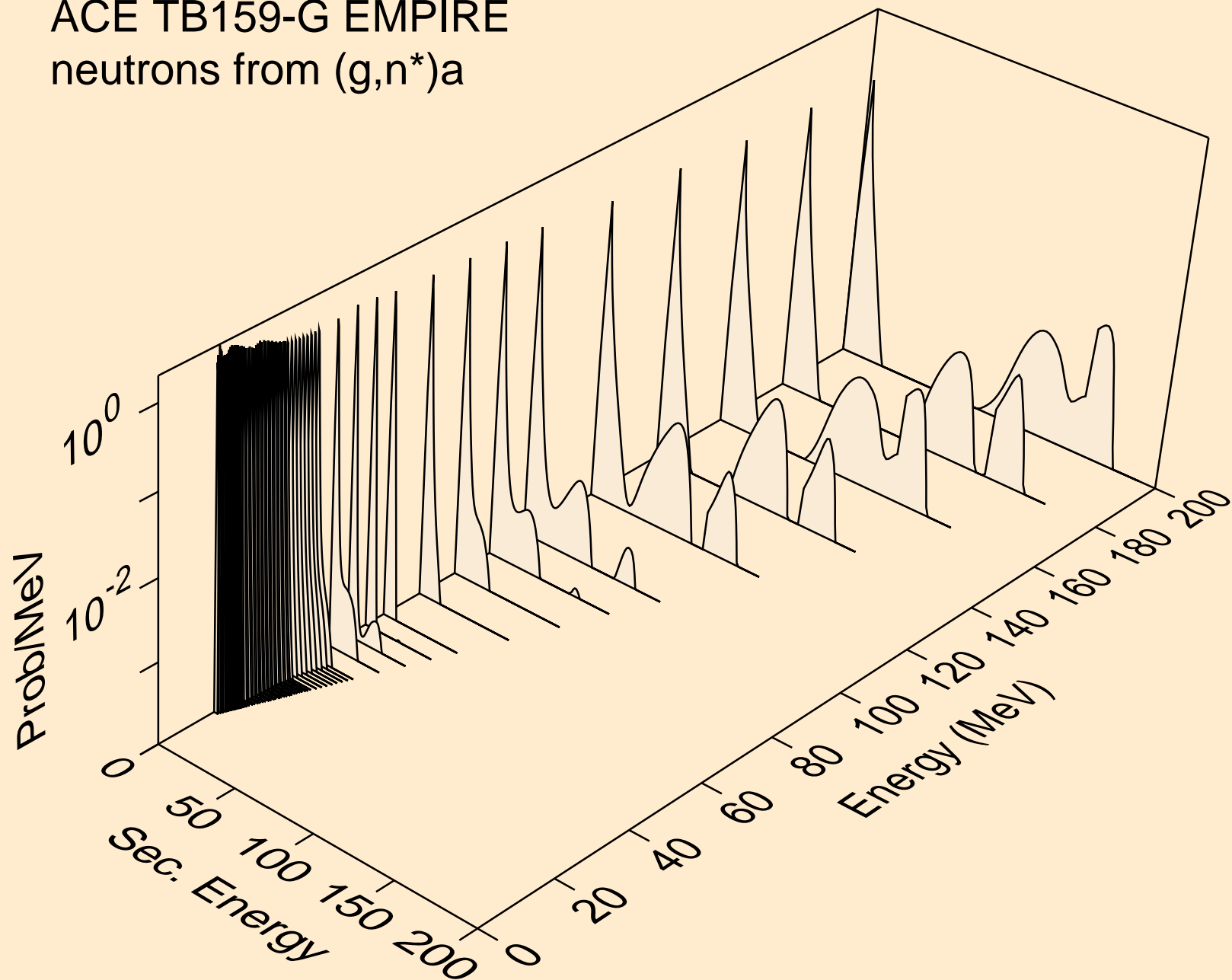




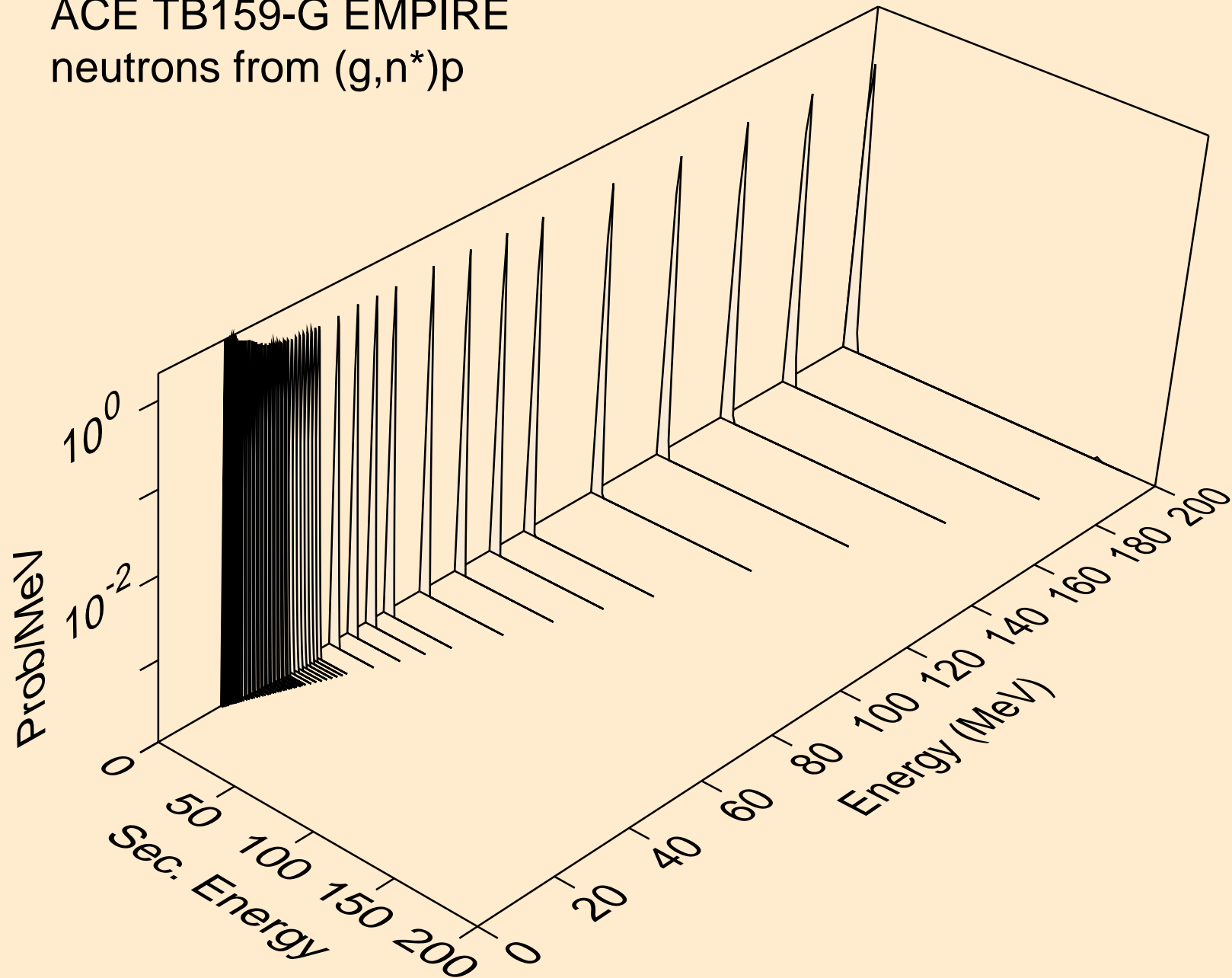
ACE TB159-G EMPIRE  
neutrons from (g,3n)



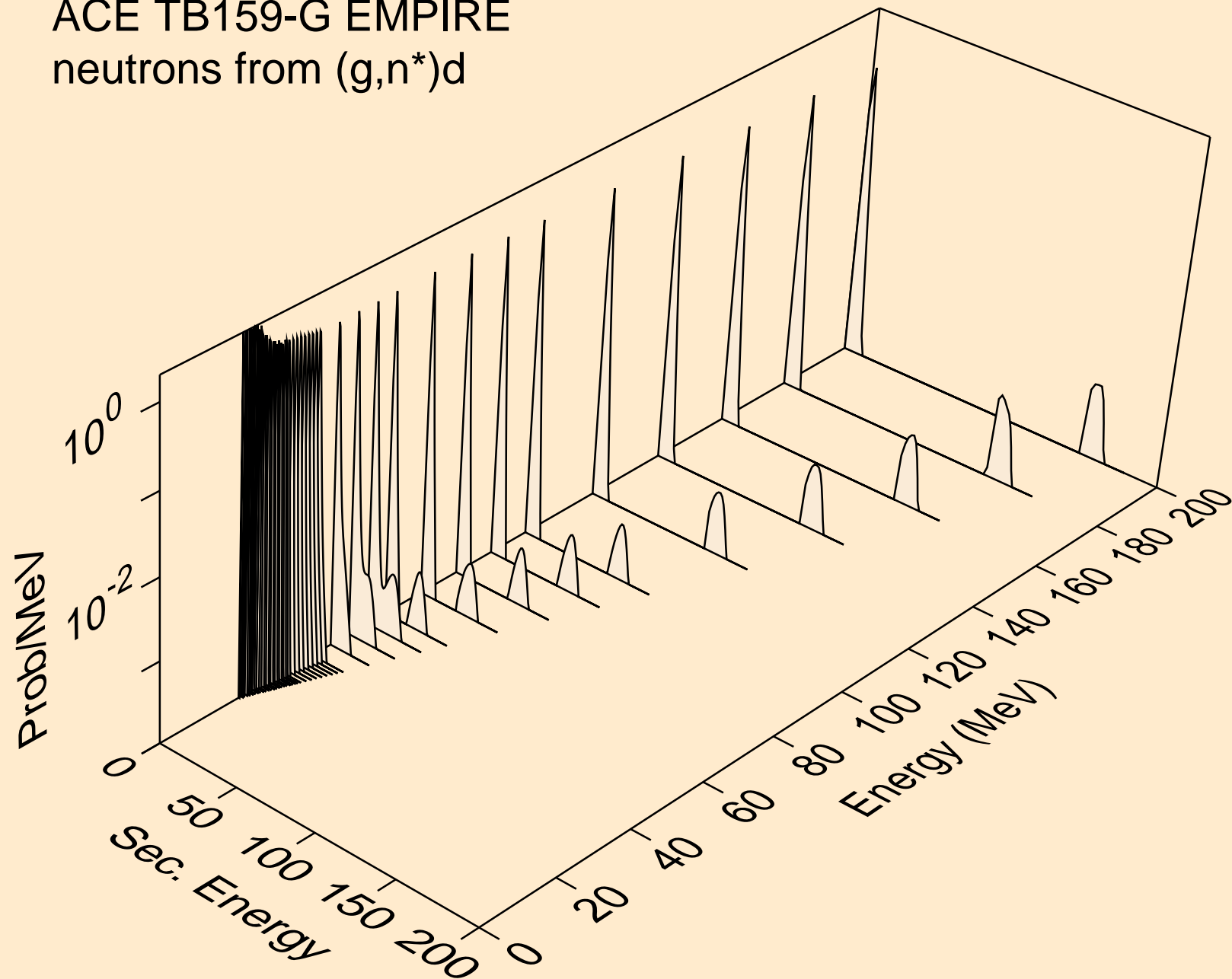
ACE TB159-G EMPIRE  
neutrons from  $(g,n^*)a$



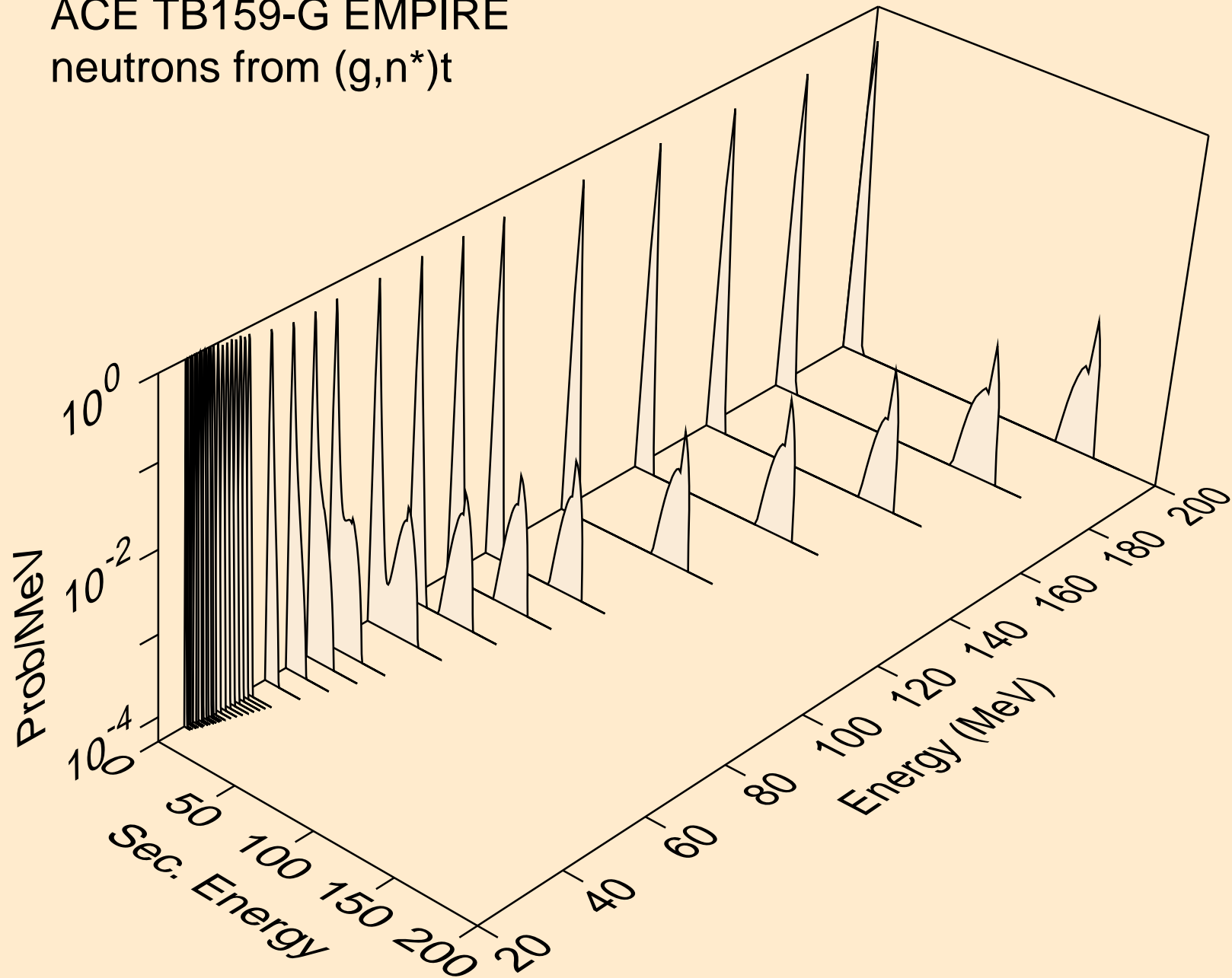
ACE TB159-G EMPIRE  
neutrons from  $(g,n^*)p$



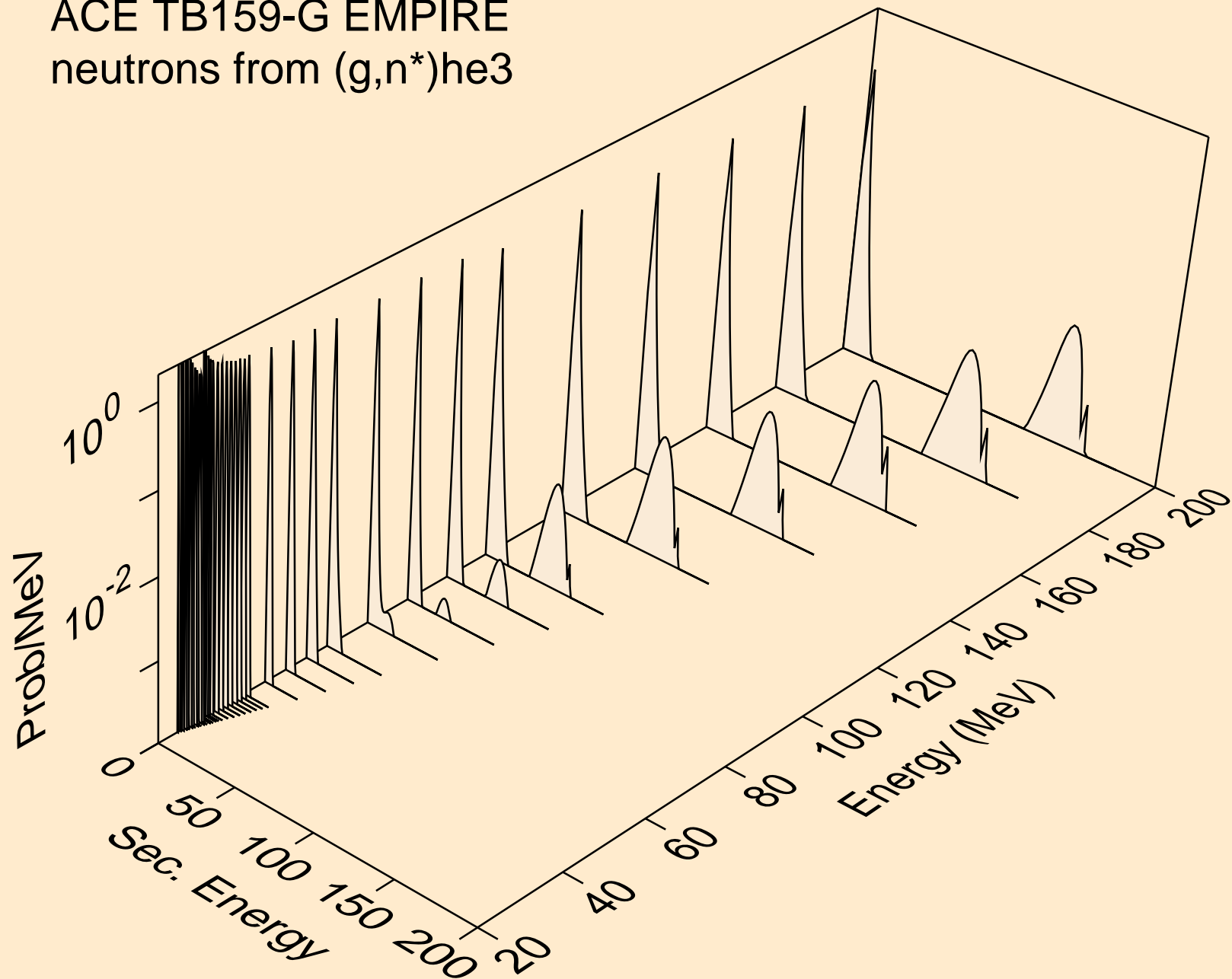
ACE TB159-G EMPIRE  
neutrons from  $(g,n^*)d$



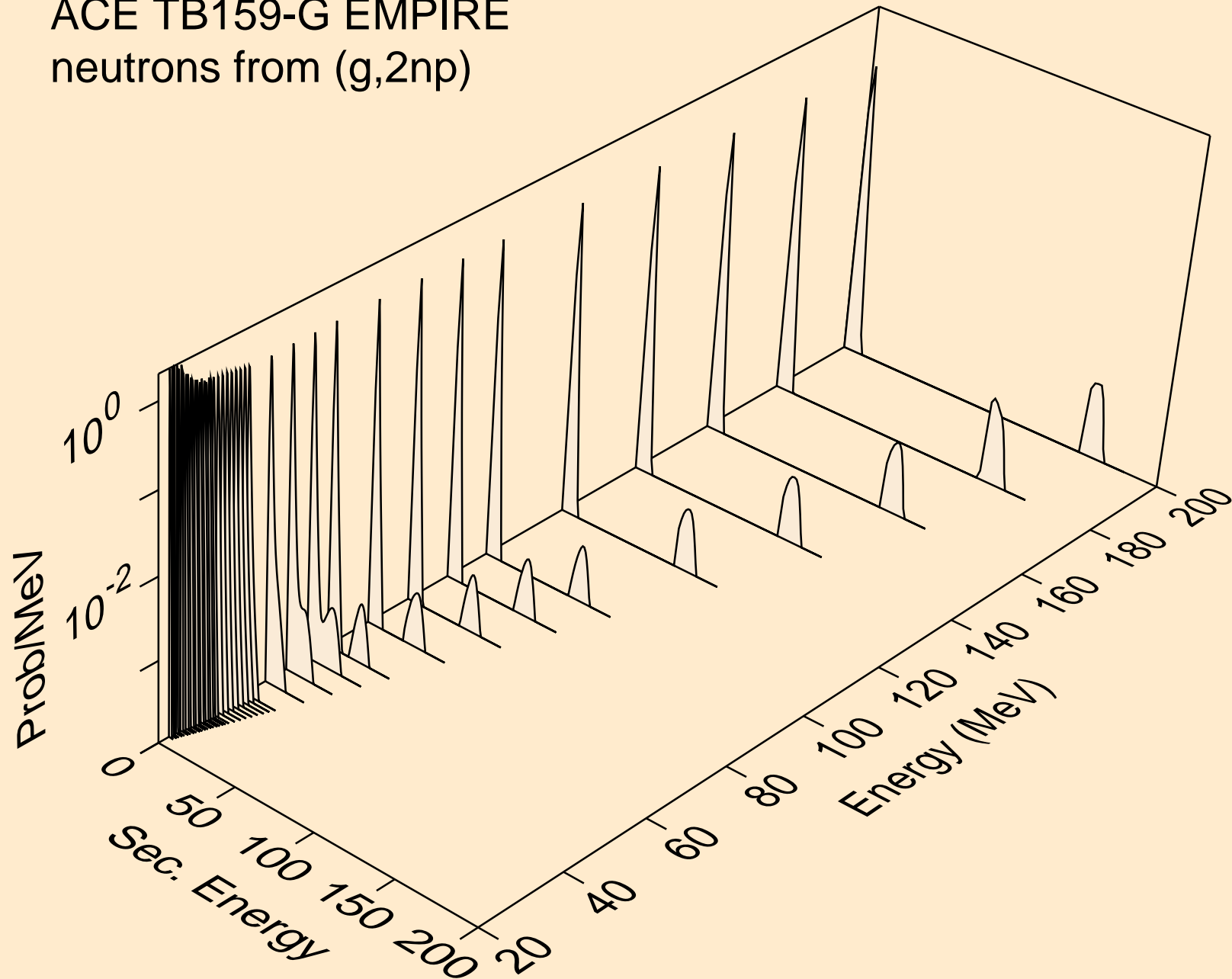
ACE TB159-G EMPIRE  
neutrons from  $(g,n^*)t$



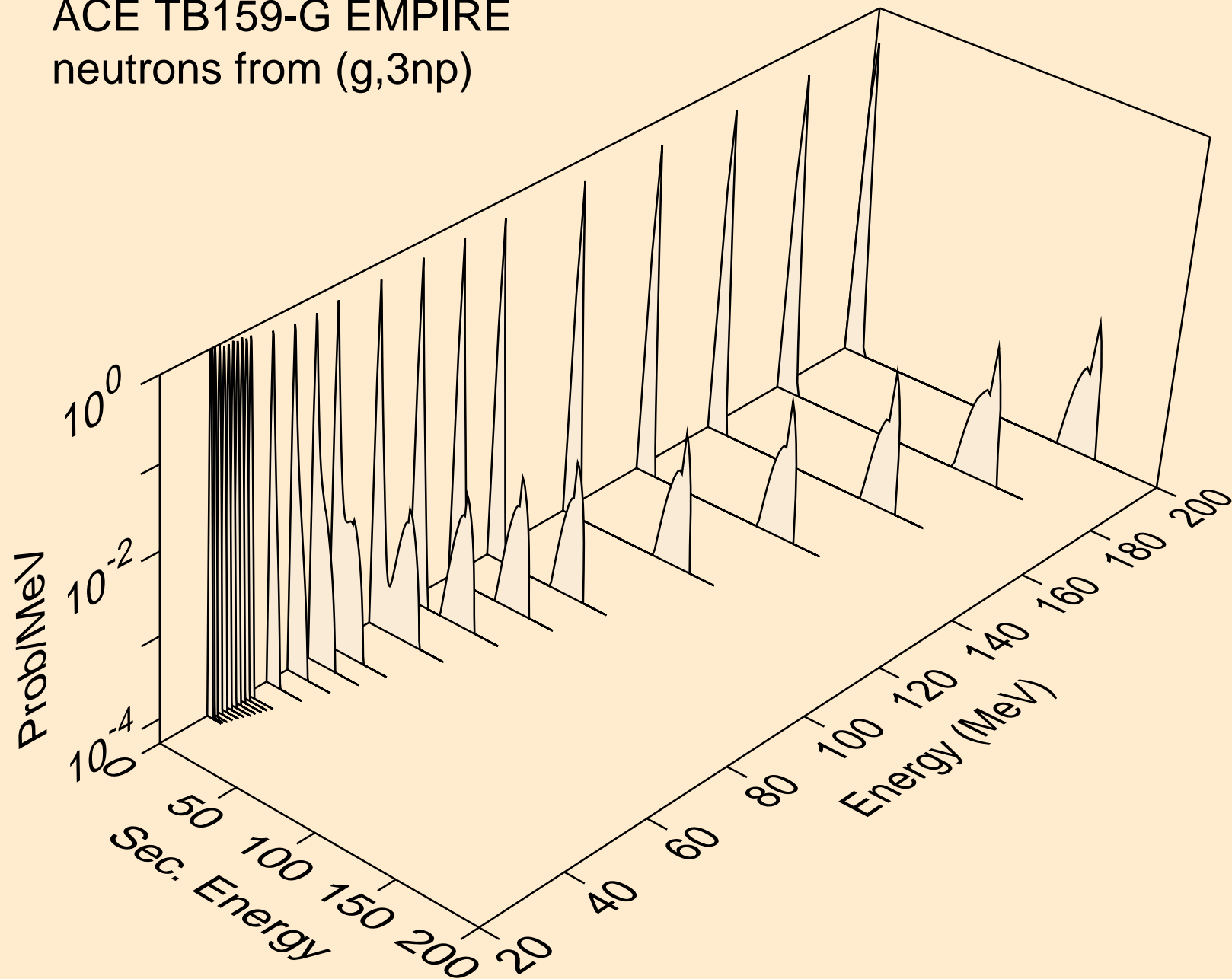
ACE TB159-G EMPIRE  
neutrons from  $(g,n^*)\text{he3}$



ACE TB159-G EMPIRE  
neutrons from (g,2np)

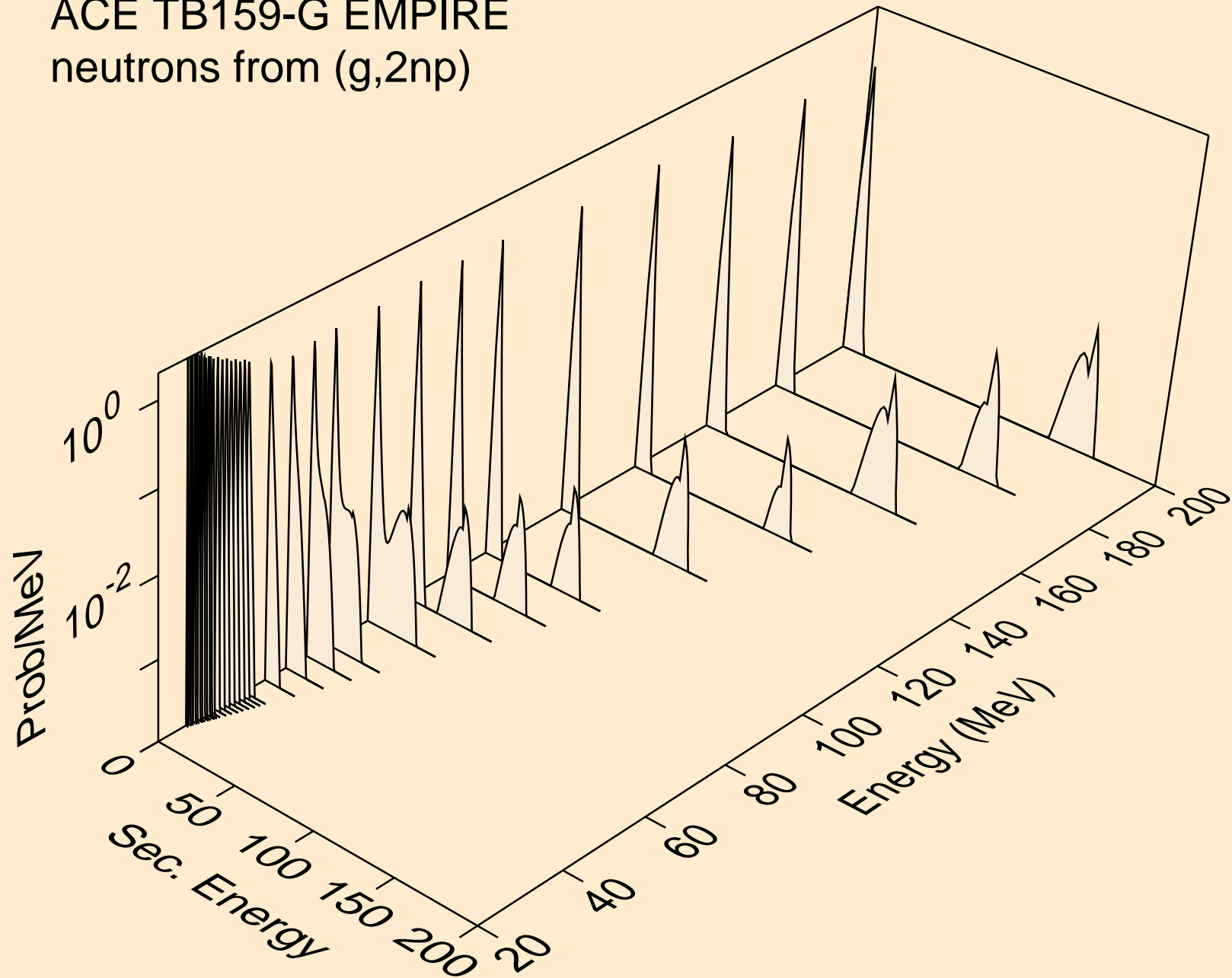


ACE TB159-G EMPIRE  
neutrons from (g,3np)

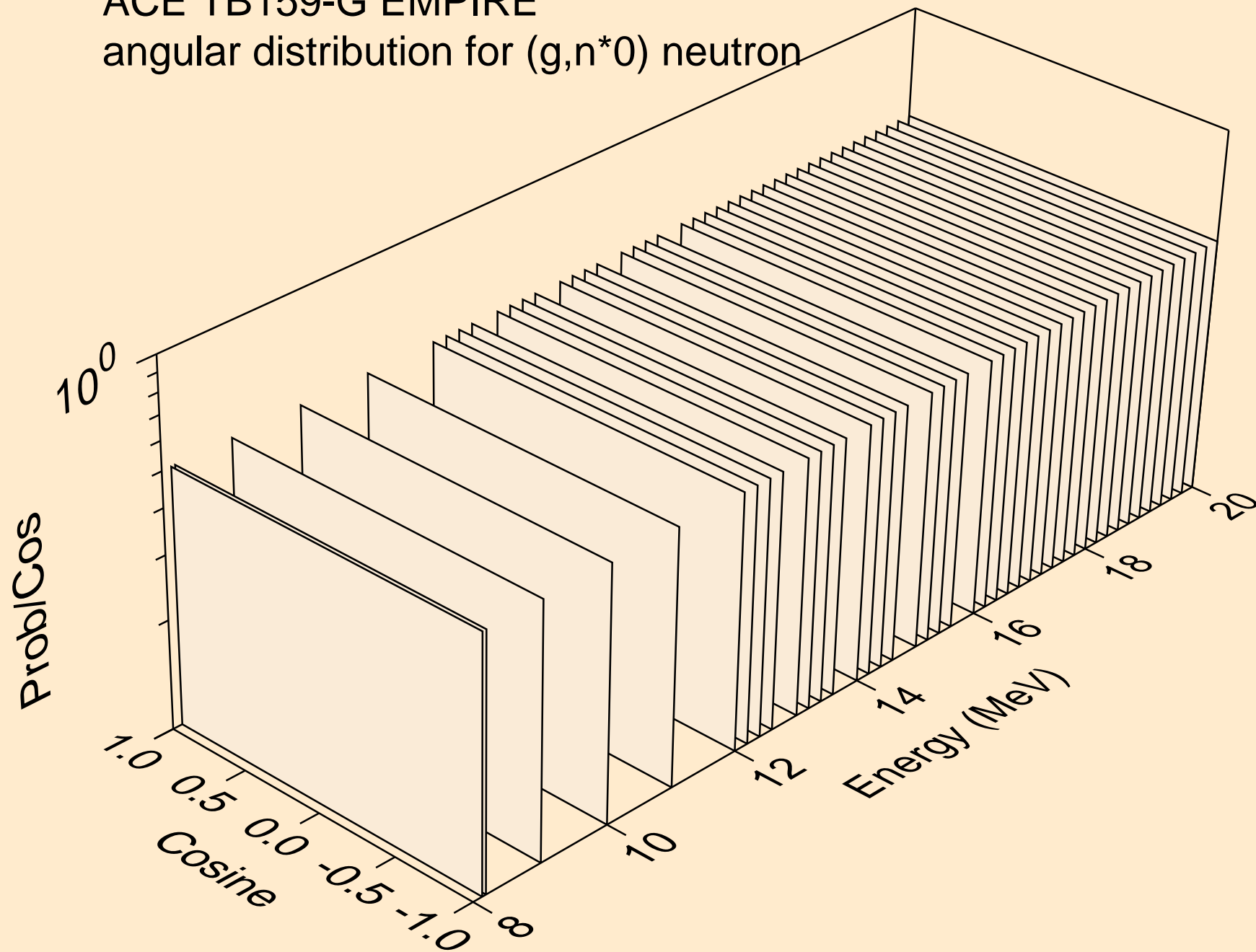




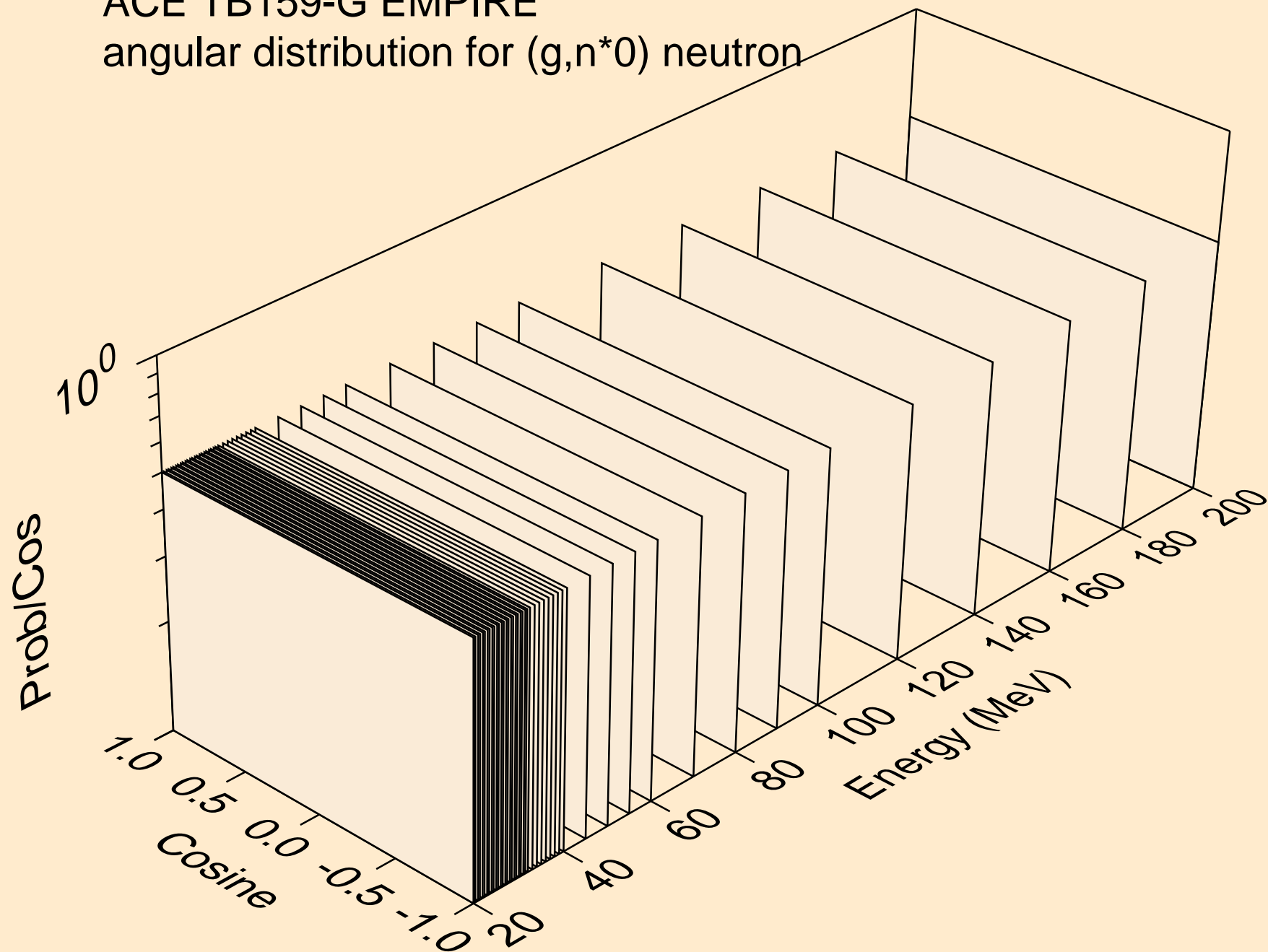
ACE TB159-G EMPIRE  
neutrons from (g,2np)



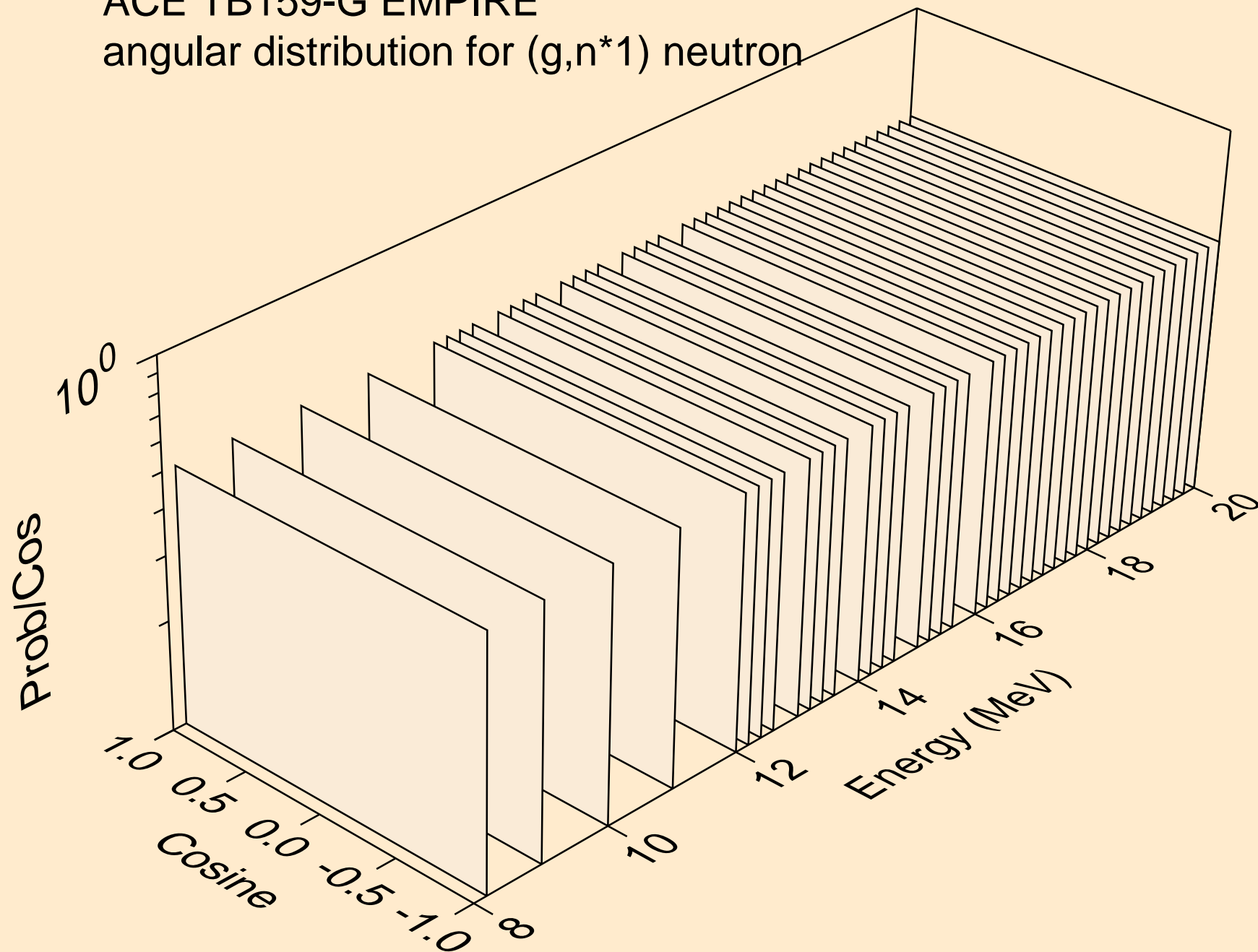
ACE TB159-G EMPIRE  
angular distribution for (g,n\*0) neutron



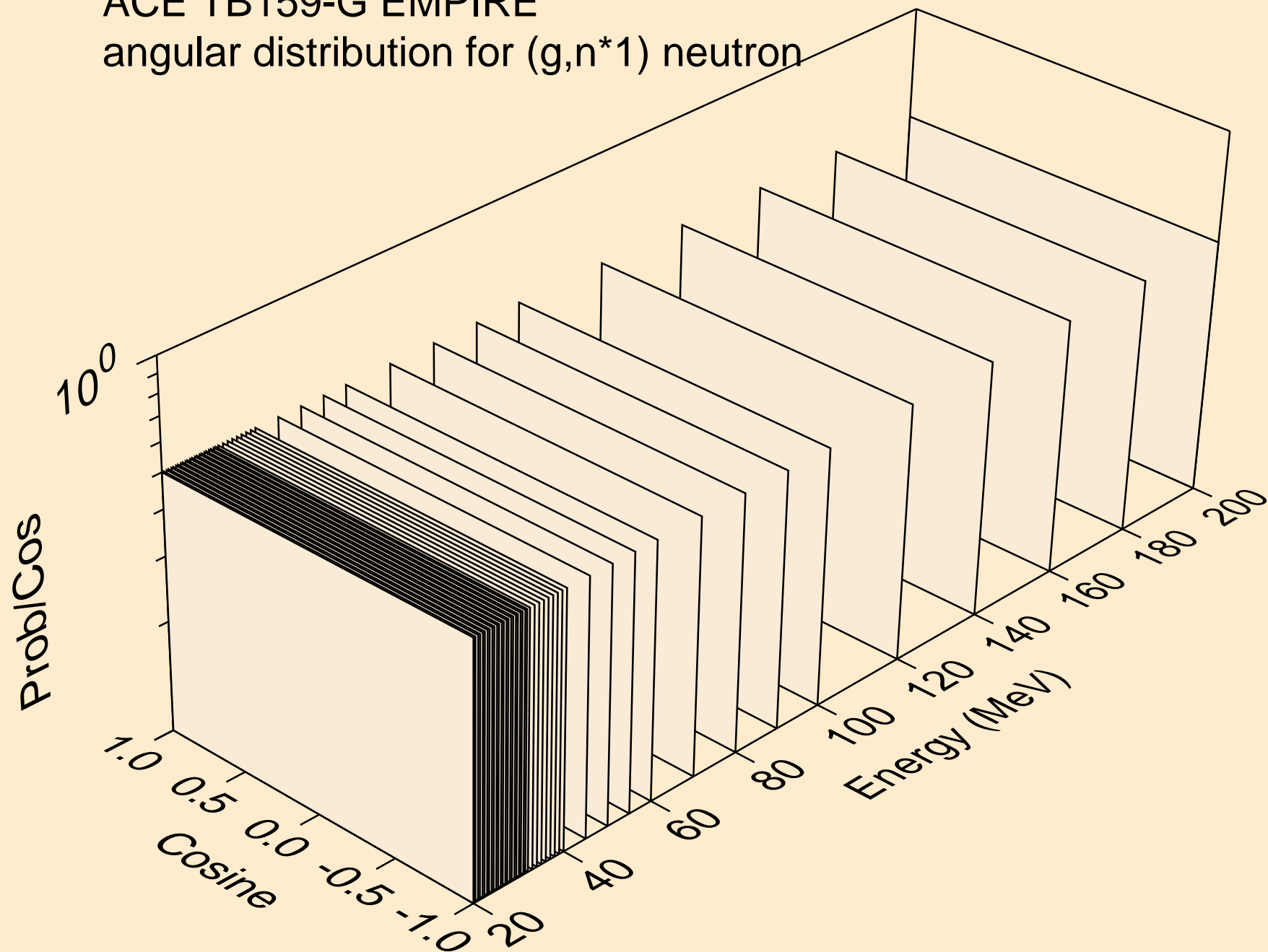
ACE TB159-G EMPIRE  
angular distribution for (g,n\*0) neutron



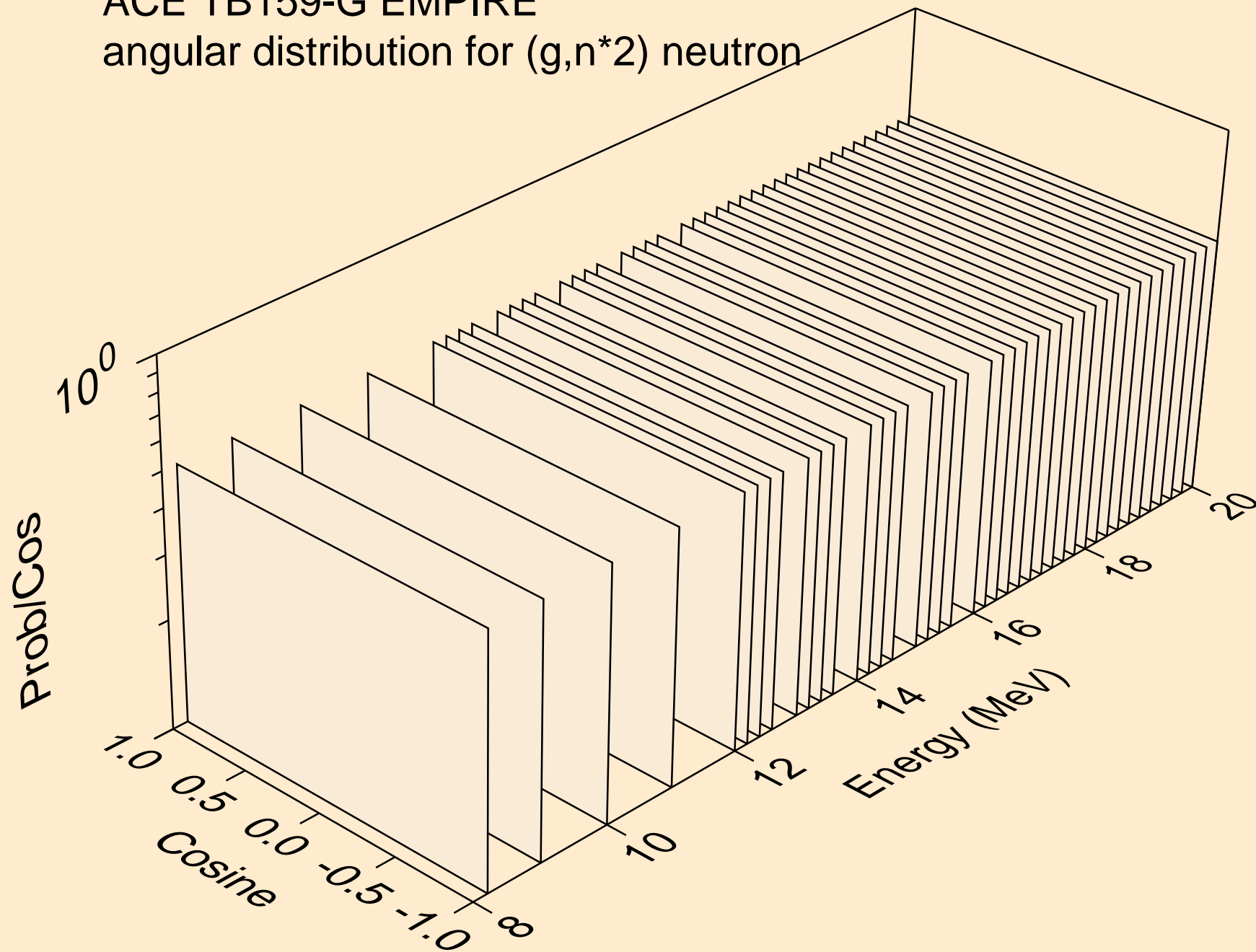
ACE TB159-G EMPIRE  
angular distribution for (g,n\*1) neutron



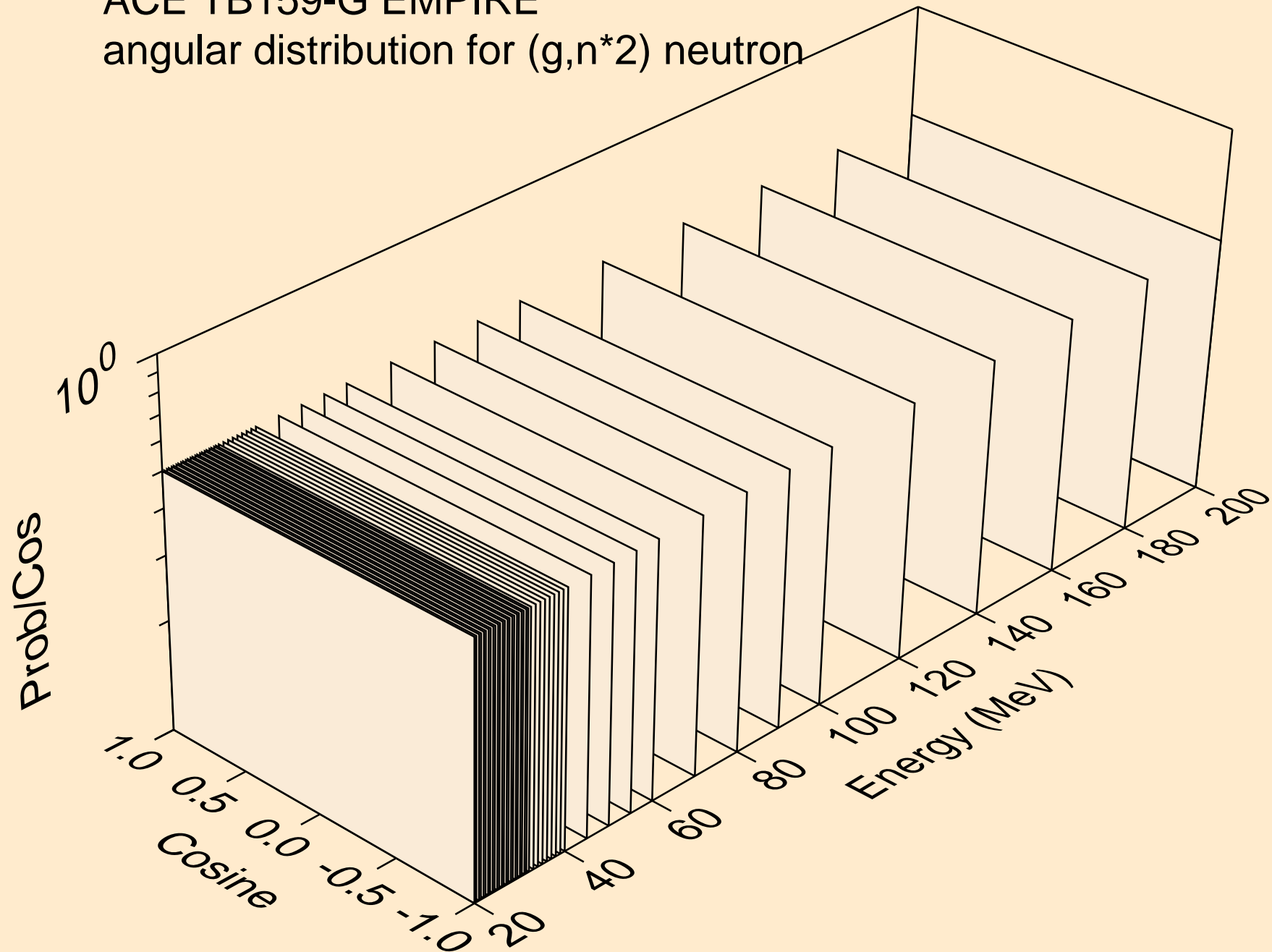
ACE TB159-G EMPIRE  
angular distribution for (g,n\*1) neutron



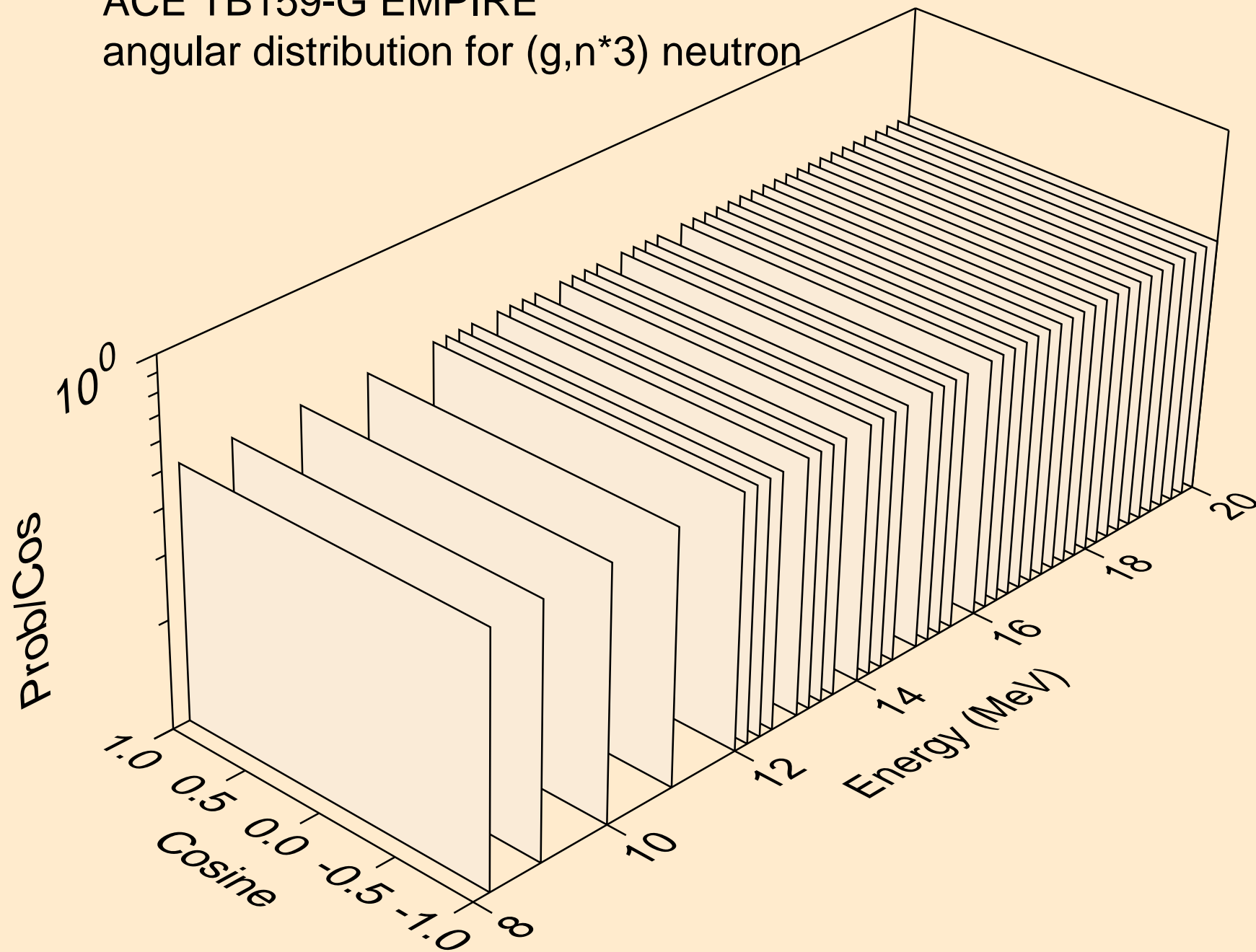
ACE TB159-G EMPIRE  
angular distribution for (g,n\*2) neutron



ACE TB159-G EMPIRE  
angular distribution for (g,n\*2) neutron

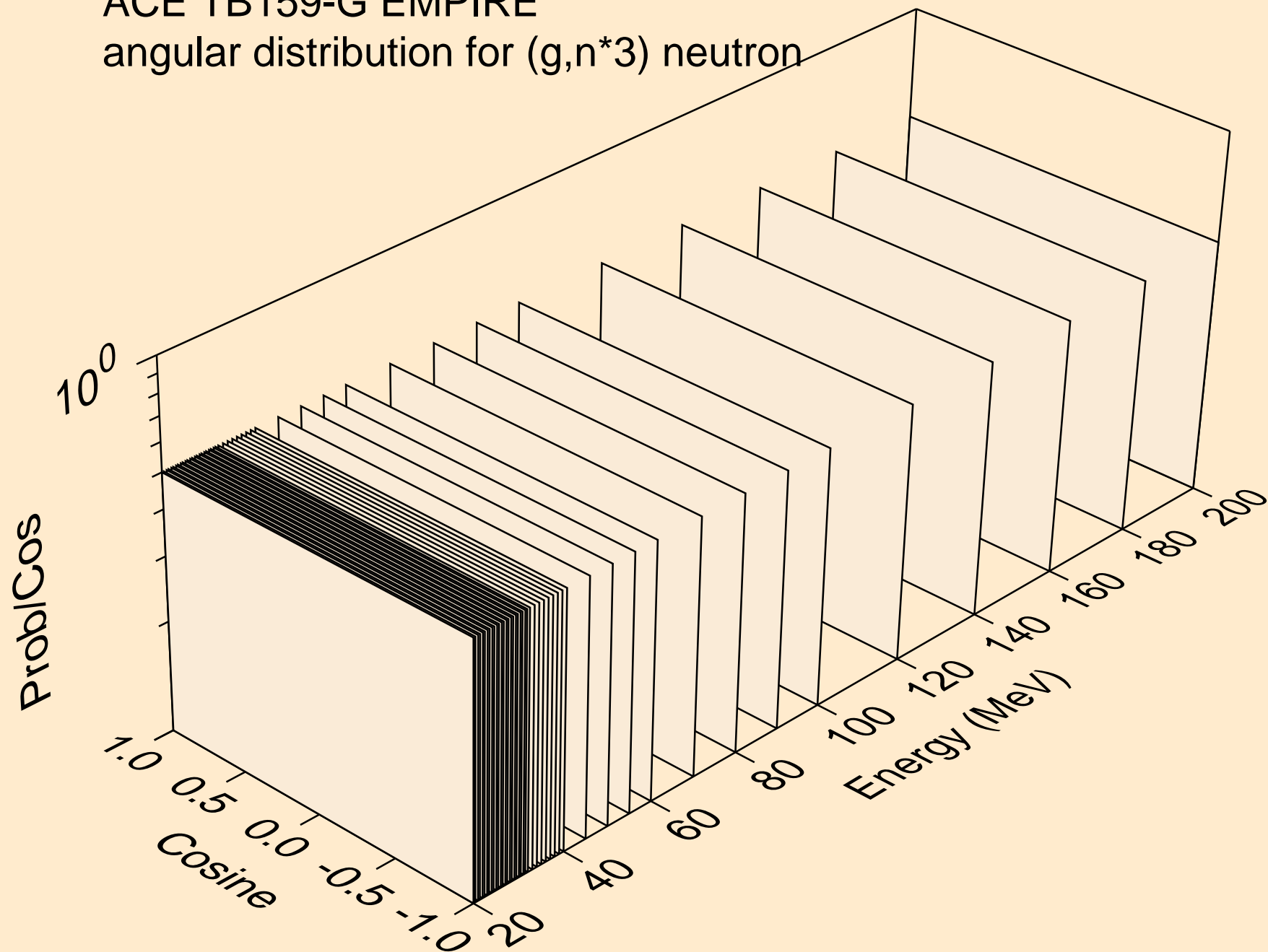


ACE TB159-G EMPIRE  
angular distribution for (g,n\*3) neutron

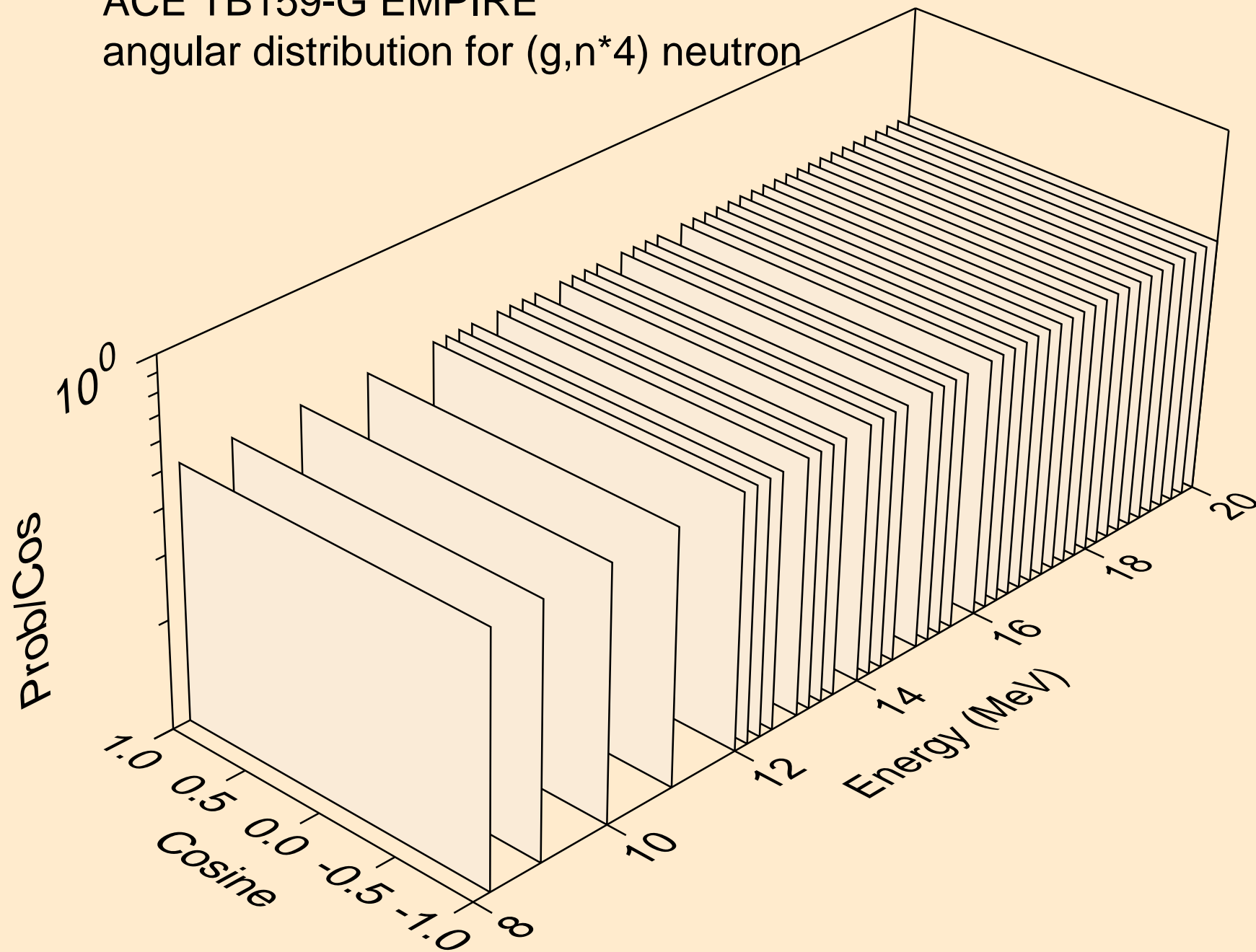




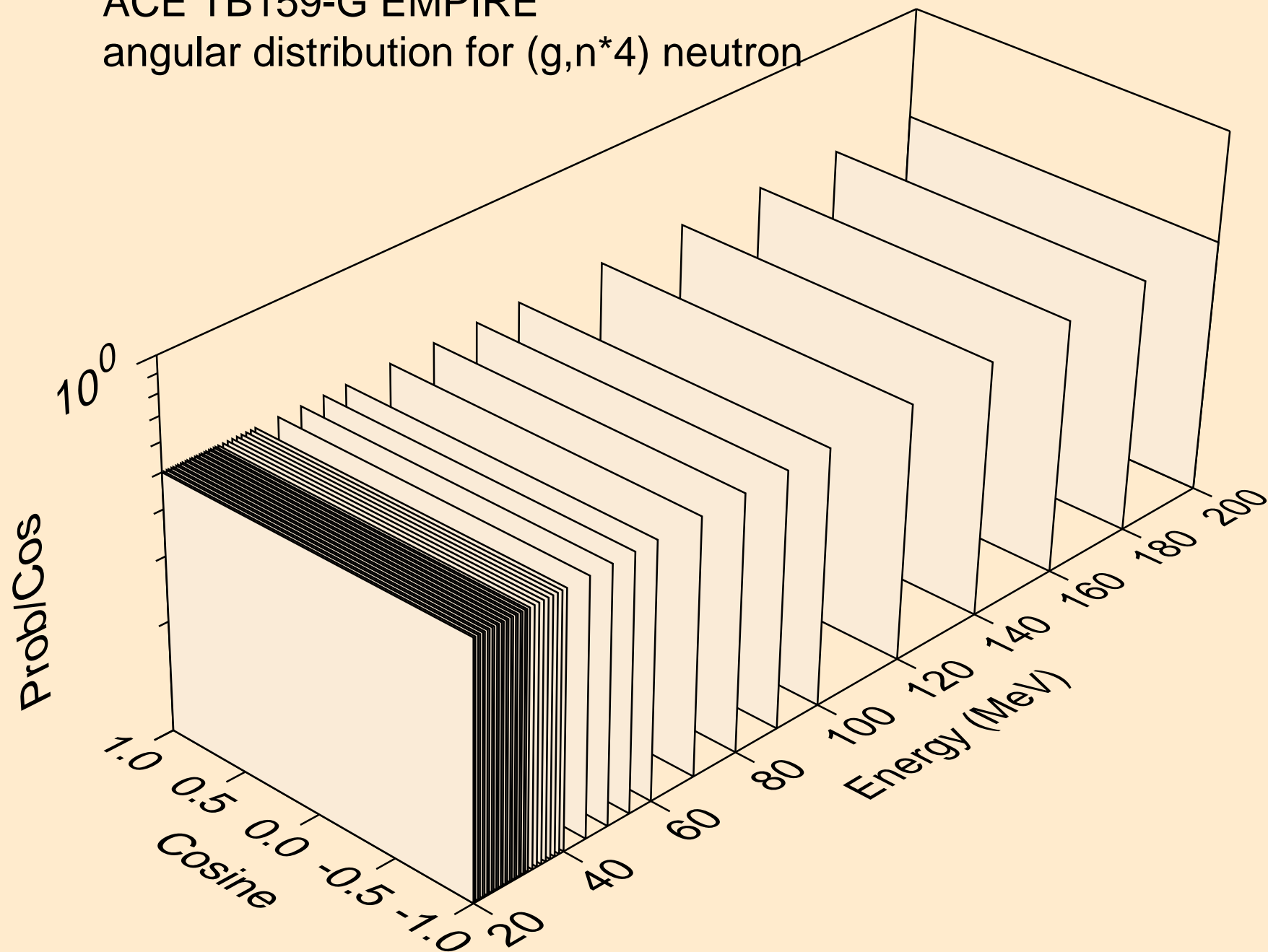
ACE TB159-G EMPIRE  
angular distribution for (g,n\*3) neutron



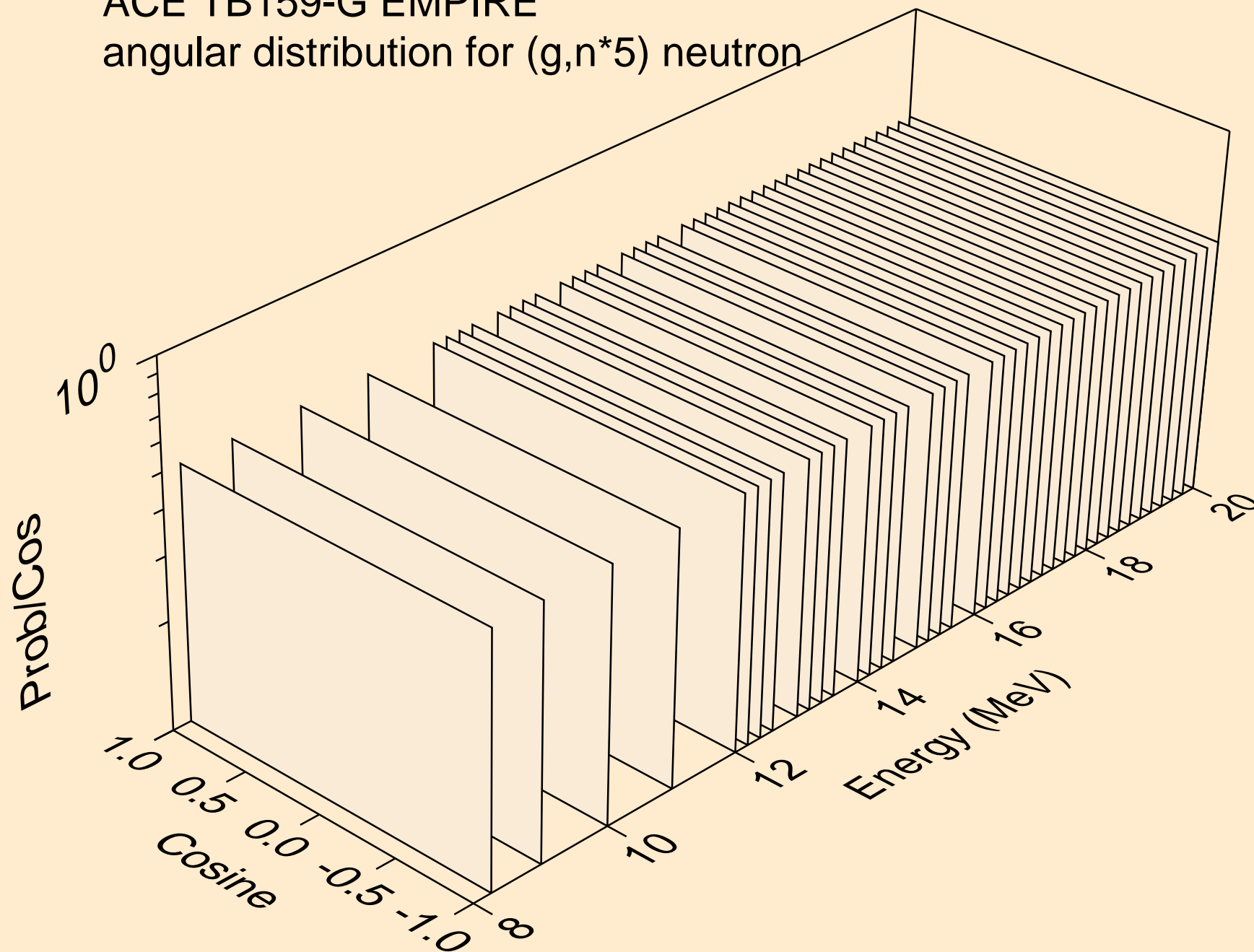
ACE TB159-G EMPIRE  
angular distribution for (g,n\*4) neutron



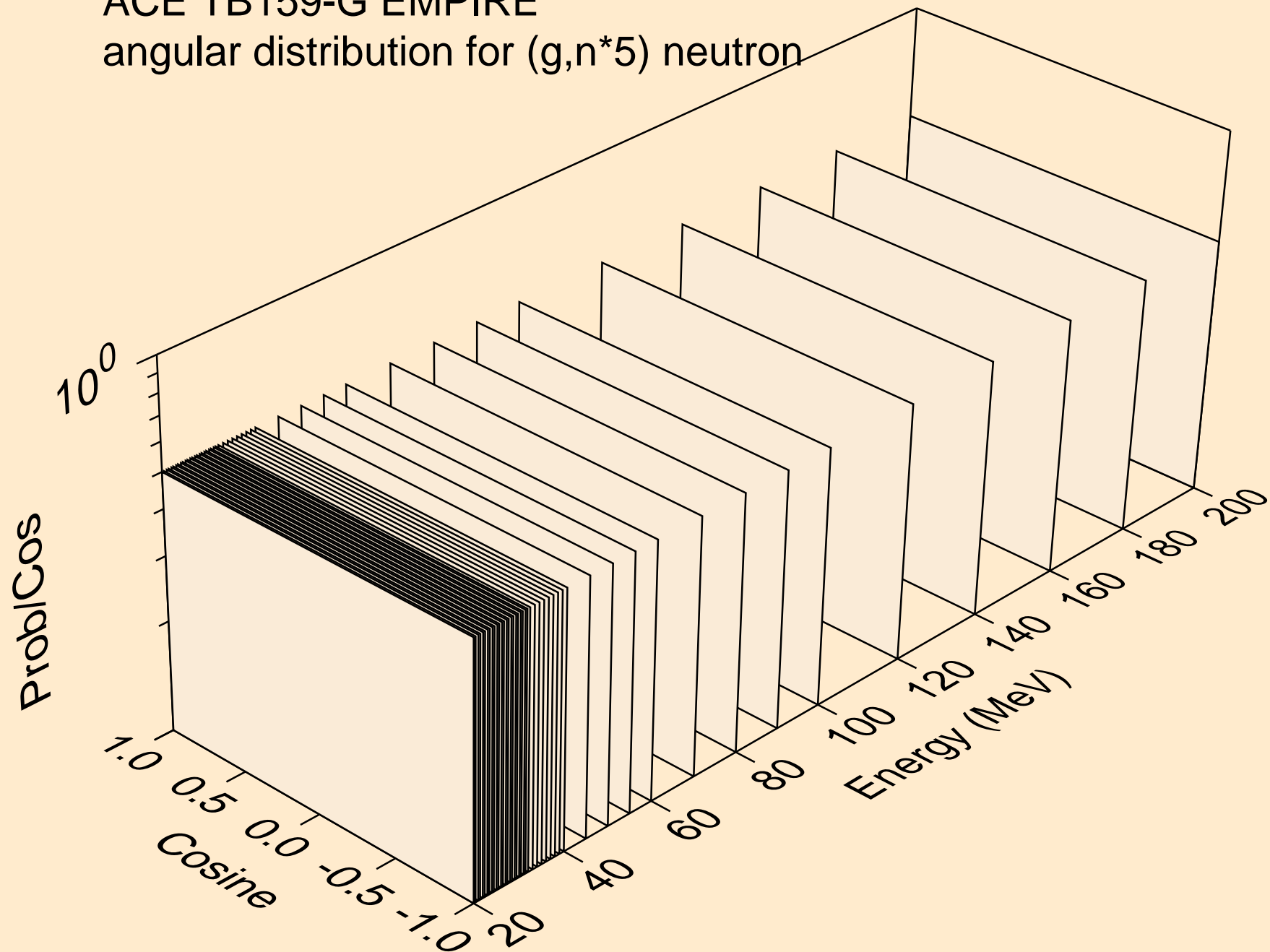
ACE TB159-G EMPIRE  
angular distribution for (g,n\*4) neutron



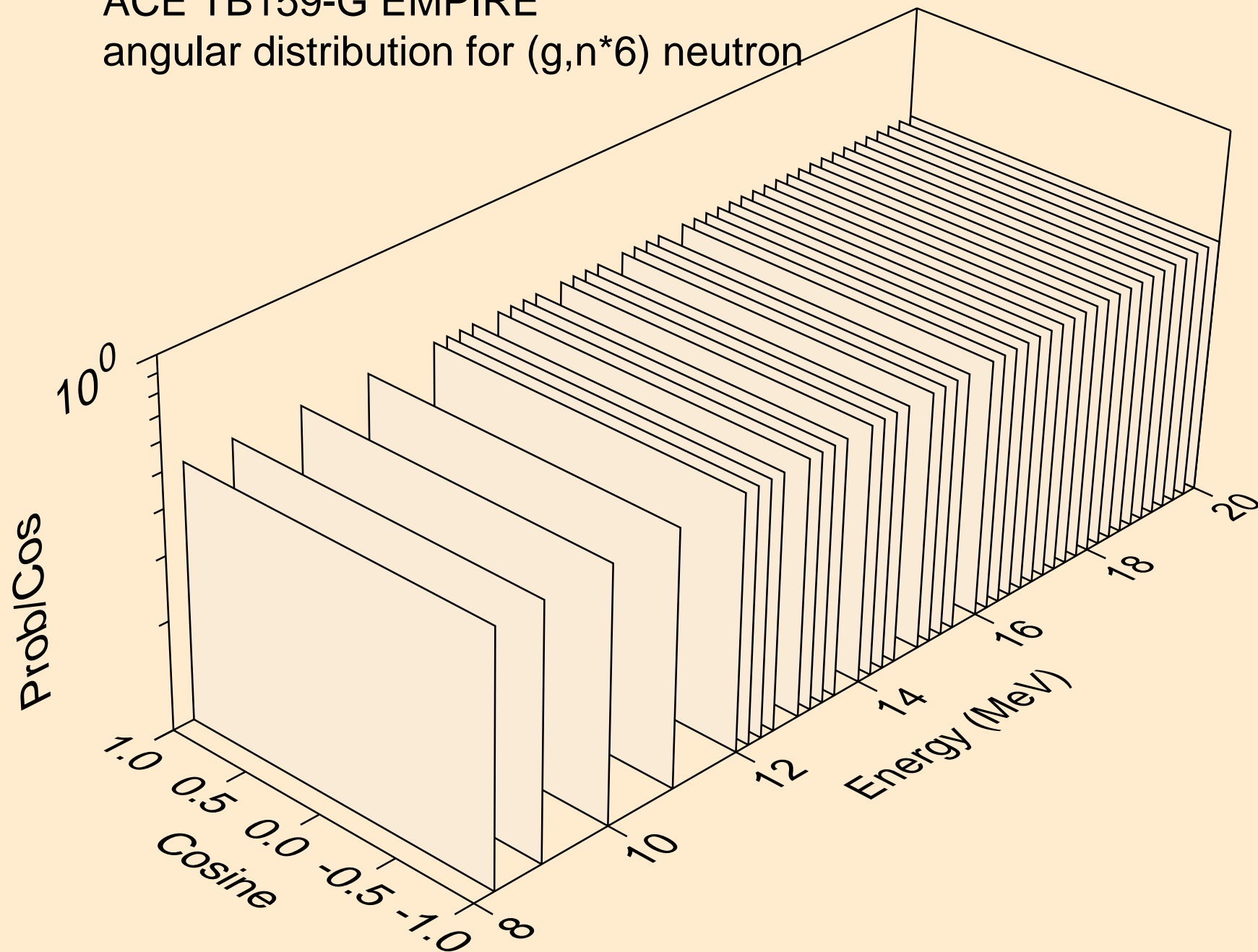
ACE TB159-G EMPIRE  
angular distribution for (g,n\*5) neutron



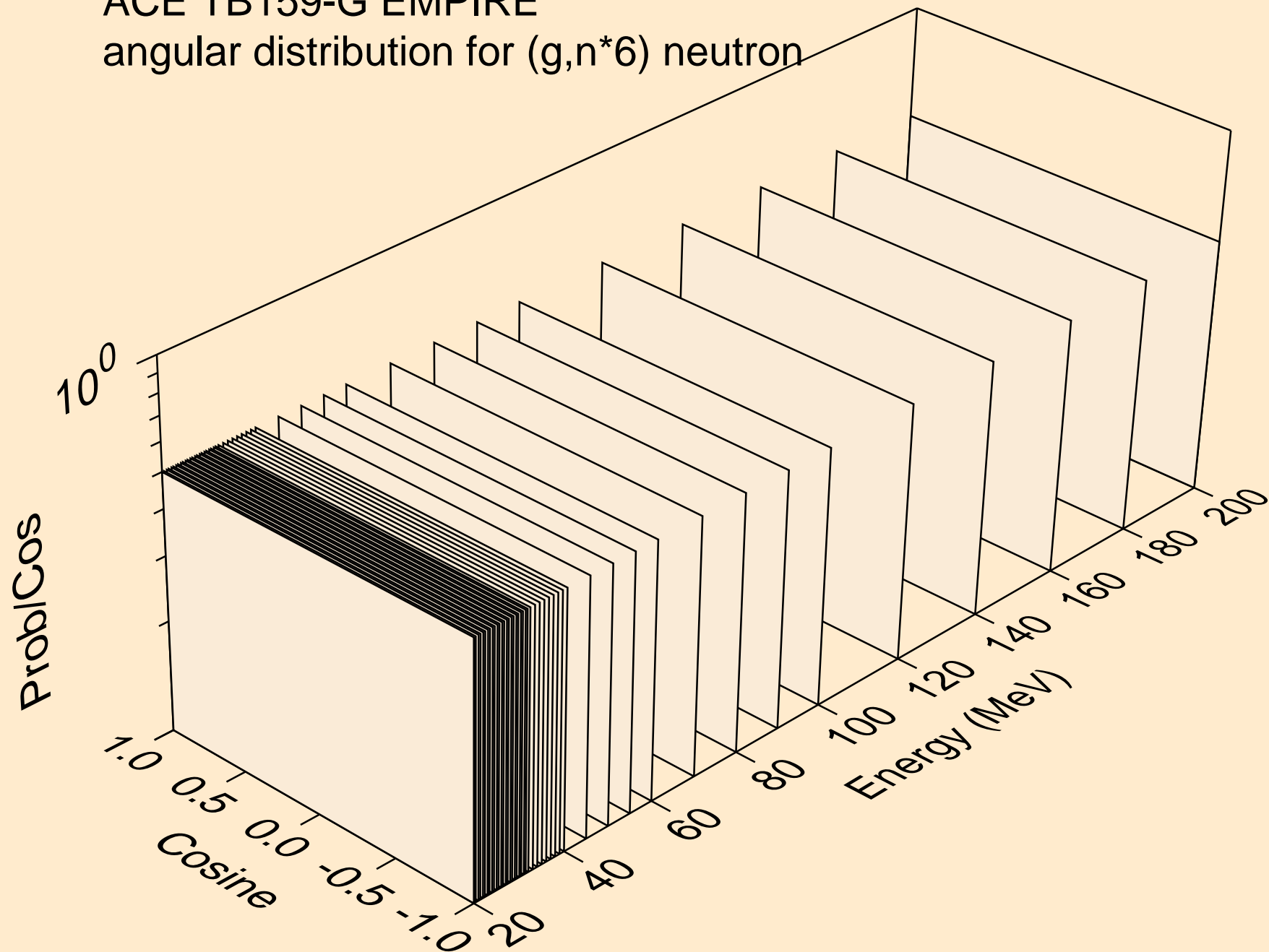
ACE TB159-G EMPIRE  
angular distribution for (g,n\*5) neutron



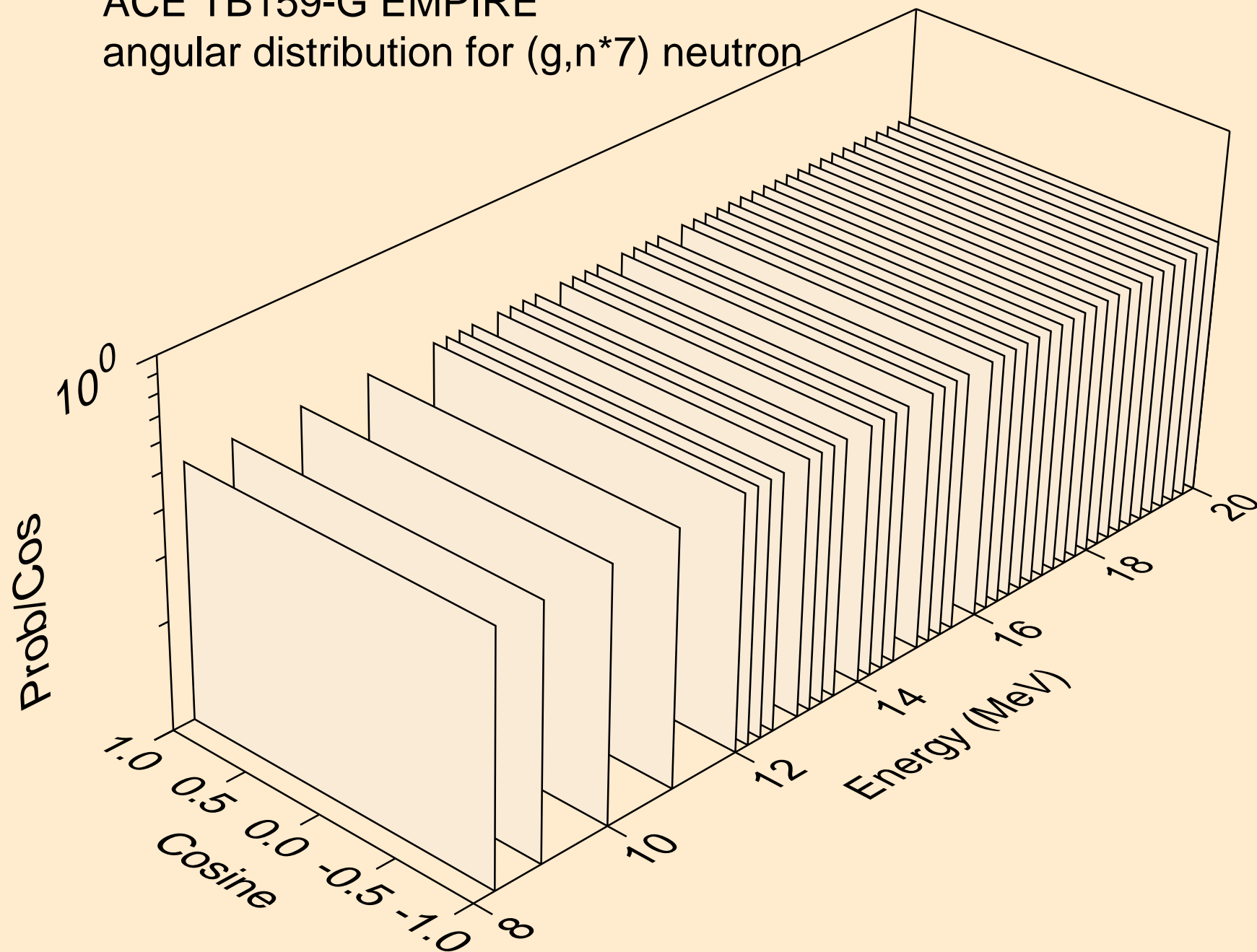
ACE TB159-G EMPIRE  
angular distribution for (g,n\*6) neutron



ACE TB159-G EMPIRE  
angular distribution for (g,n\*6) neutron

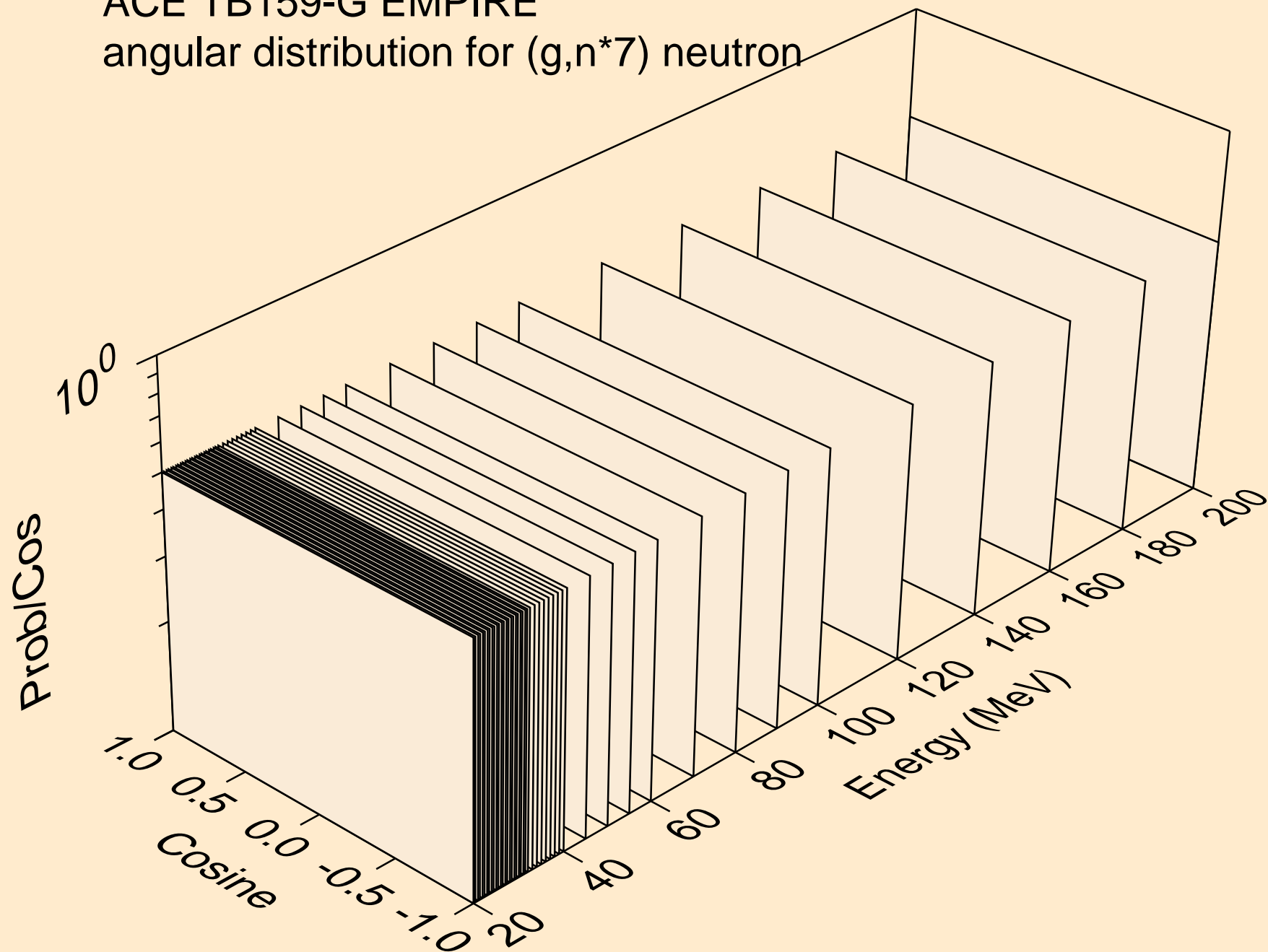


ACE TB159-G EMPIRE  
angular distribution for (g,n\*7) neutron

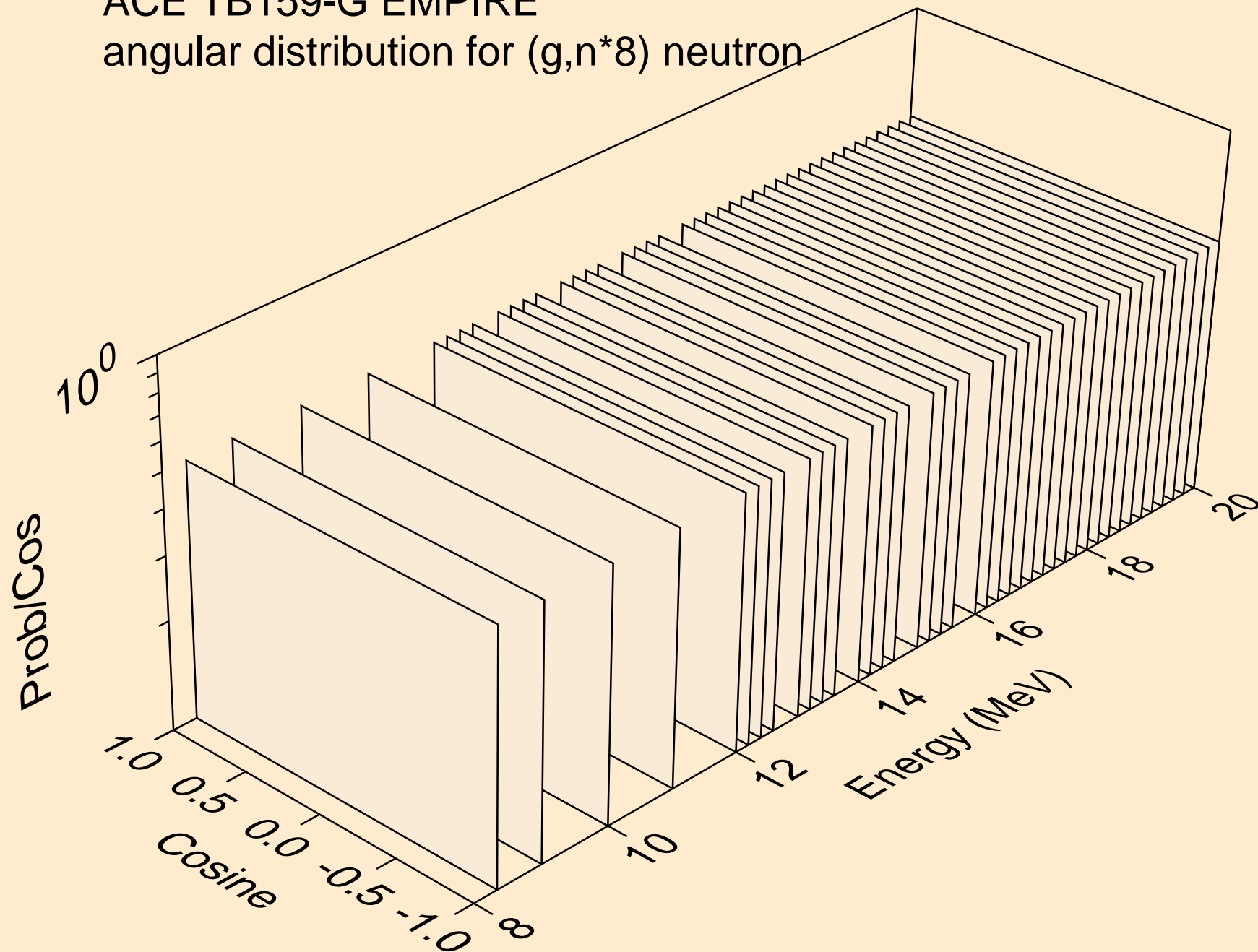




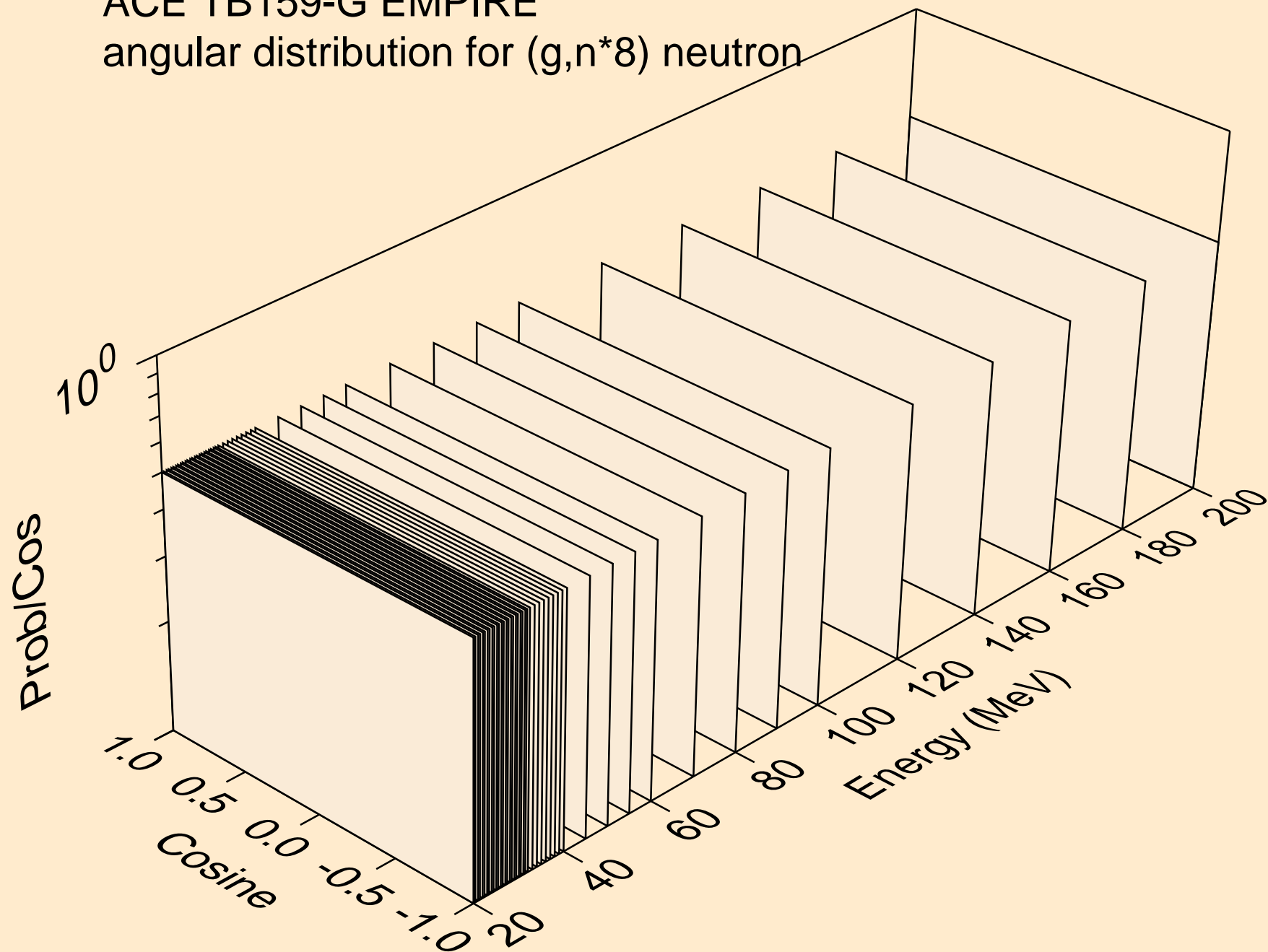
ACE TB159-G EMPIRE  
angular distribution for (g,n\*7) neutron



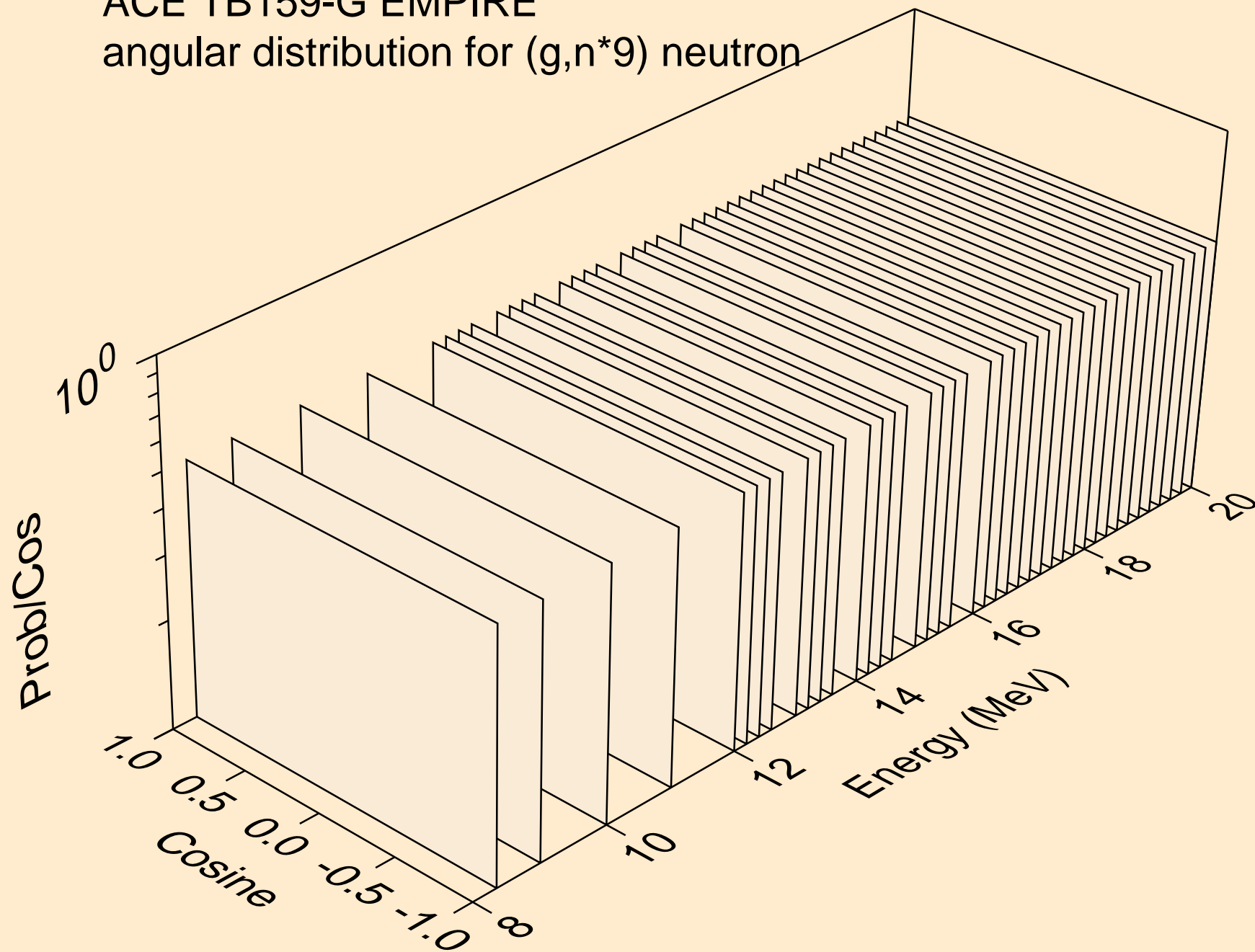
ACE TB159-G EMPIRE  
angular distribution for (g,n\*8) neutron



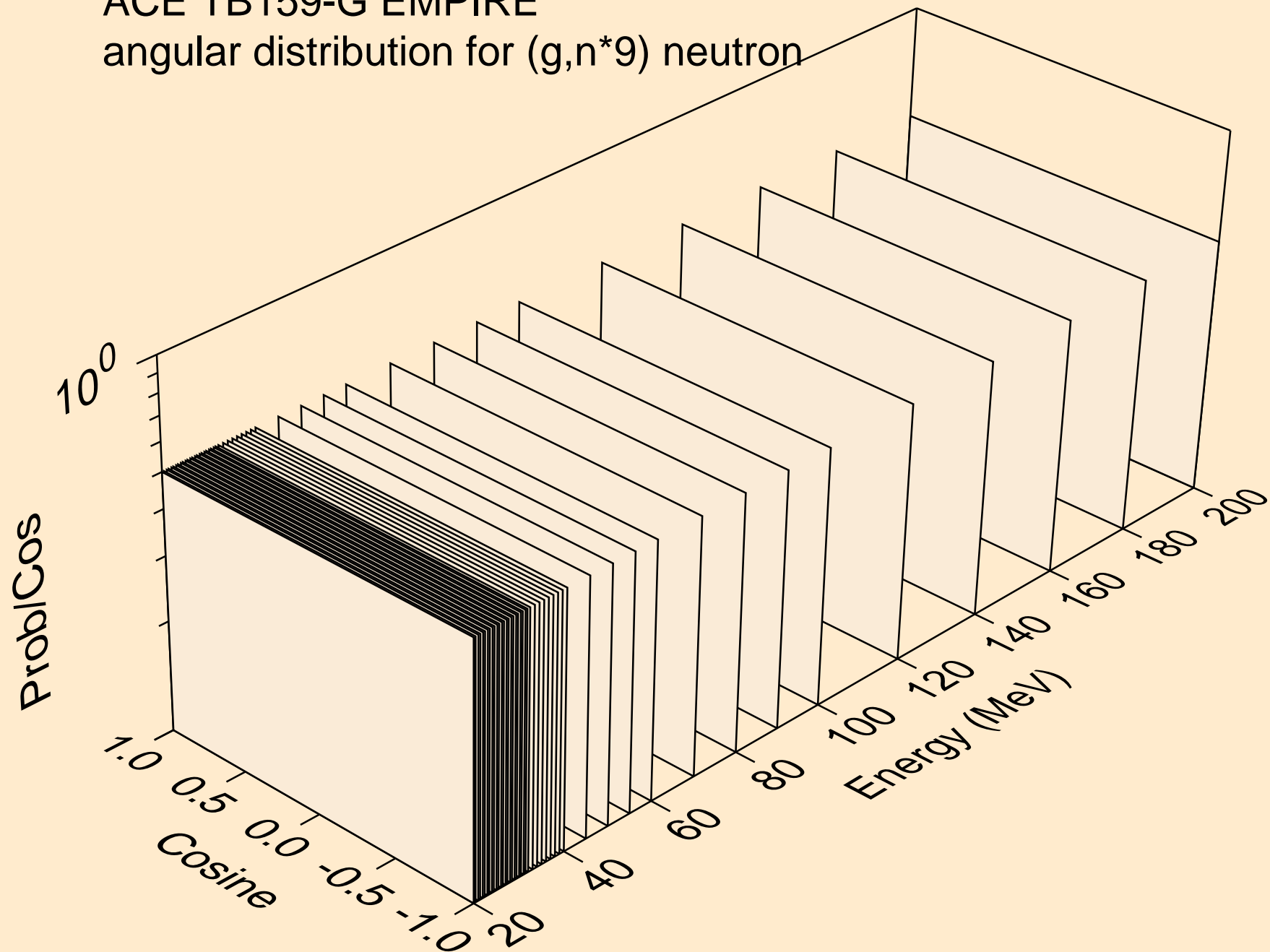
ACE TB159-G EMPIRE  
angular distribution for (g,n\*8) neutron



ACE TB159-G EMPIRE  
angular distribution for (g,n\*9) neutron

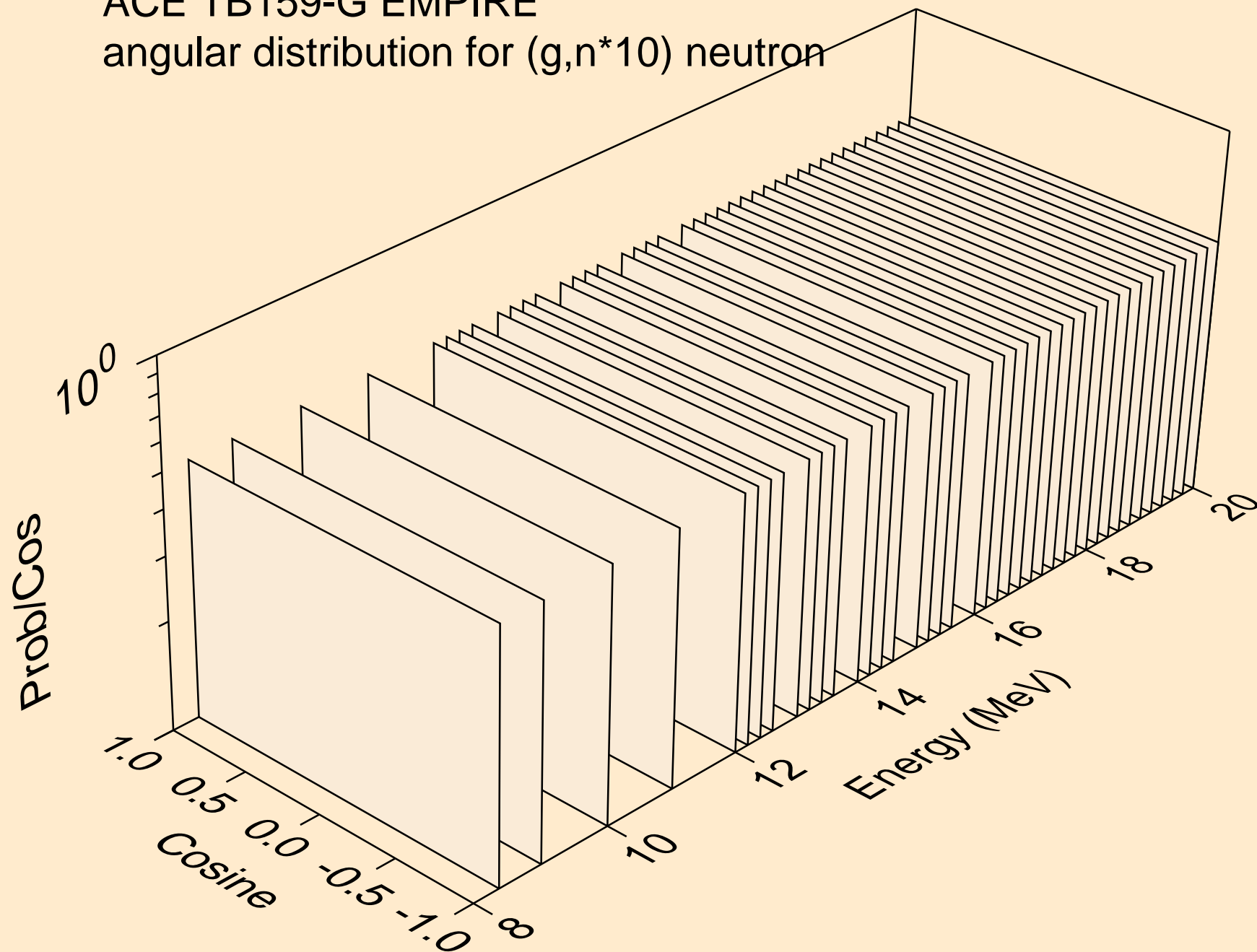


ACE TB159-G EMPIRE  
angular distribution for (g,n\*9) neutron



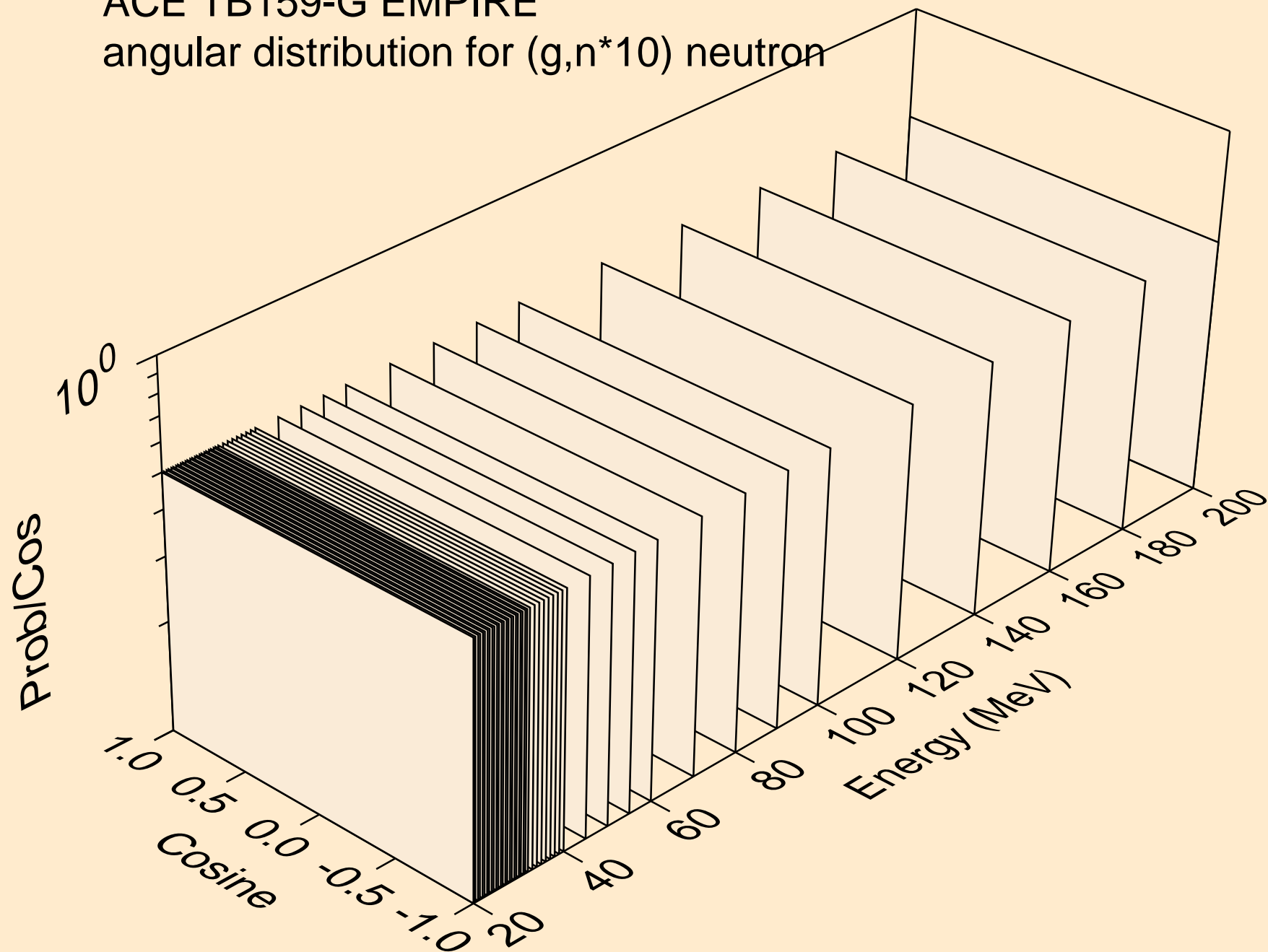
# ACE TB159-G EMPIRE

angular distribution for (g,n\*10) neutron



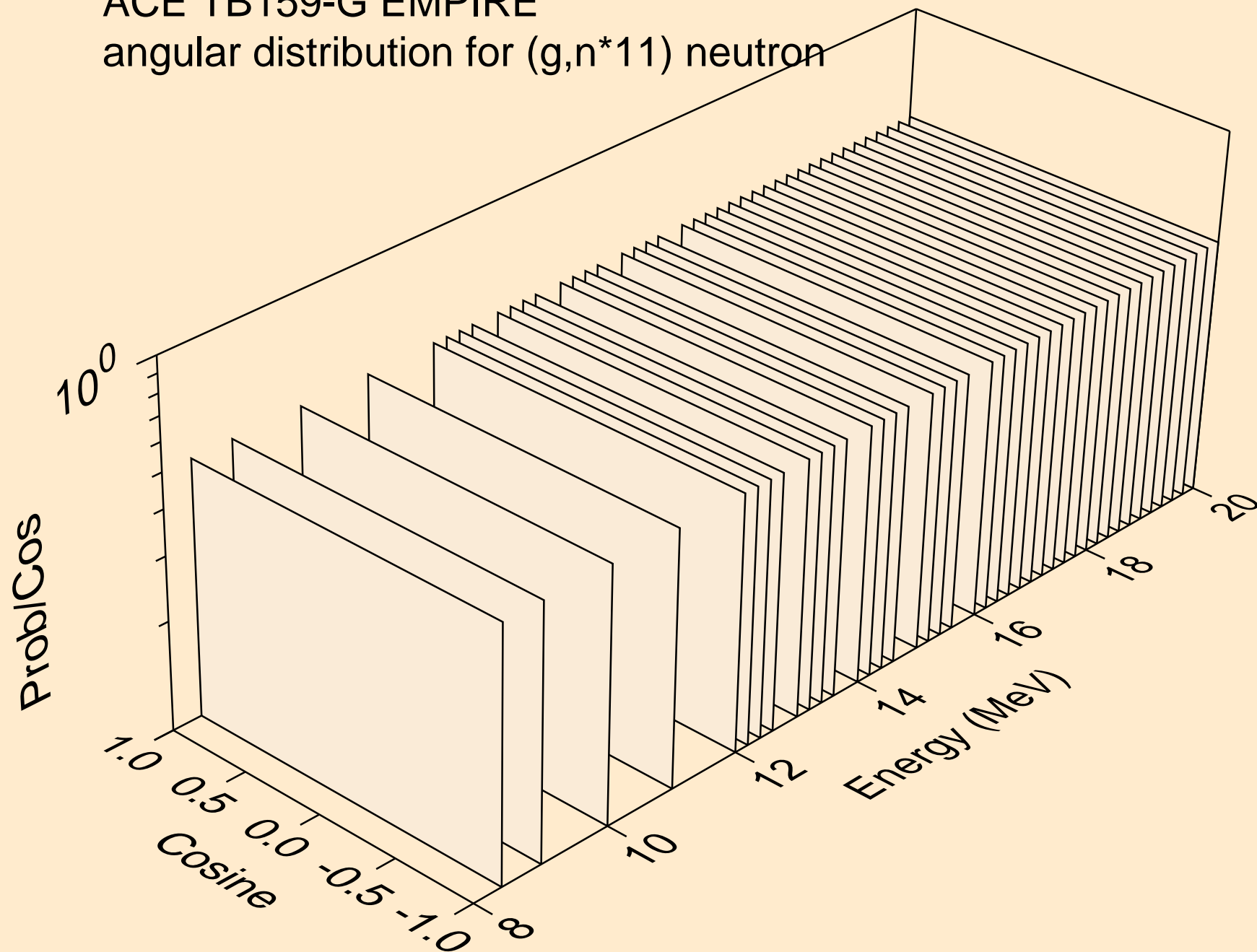
# ACE TB159-G EMPIRE

angular distribution for (g,n\*10) neutron



# ACE TB159-G EMPIRE

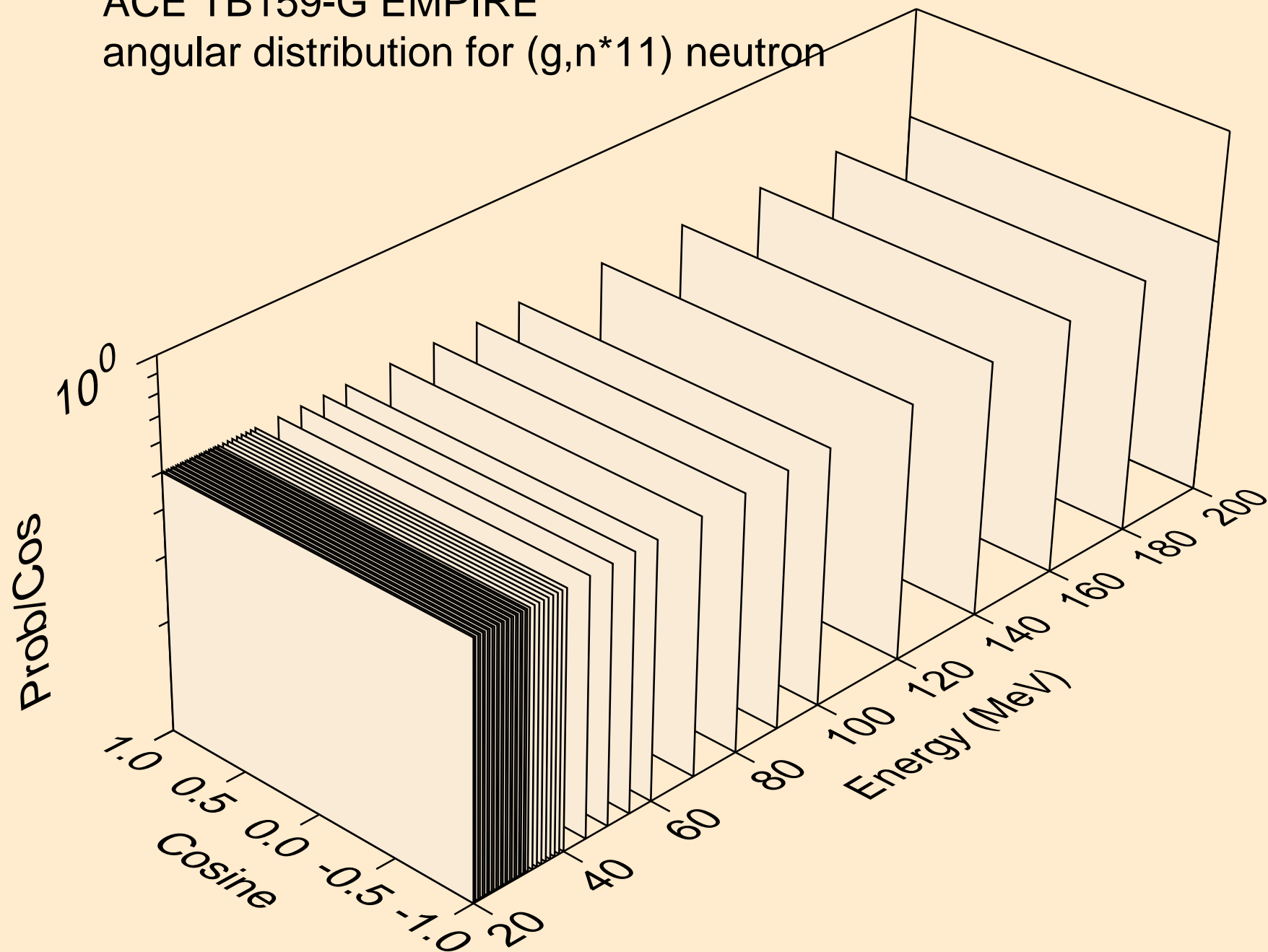
angular distribution for (g,n\*11) neutron





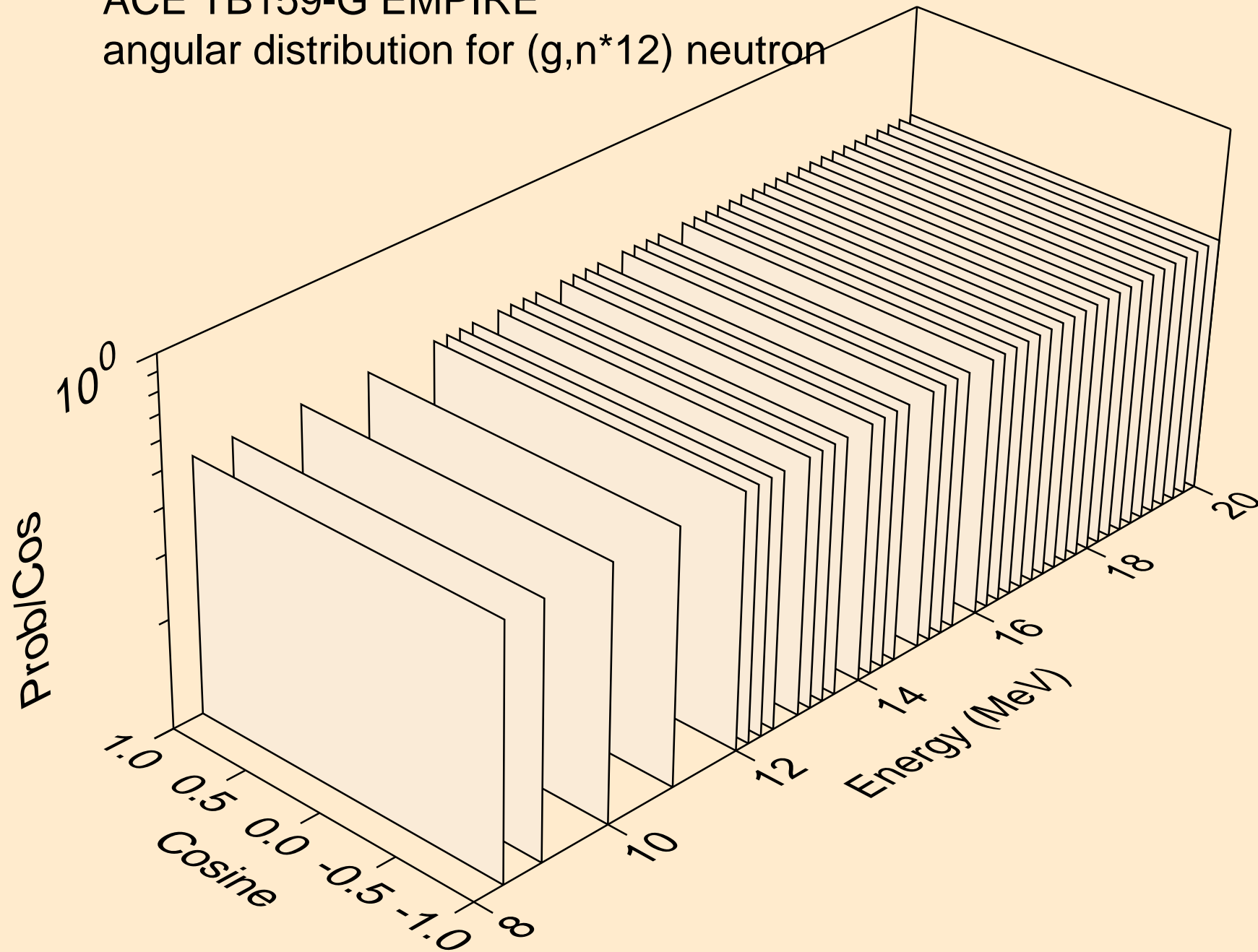
# ACE TB159-G EMPIRE

angular distribution for (g,n\*11) neutron



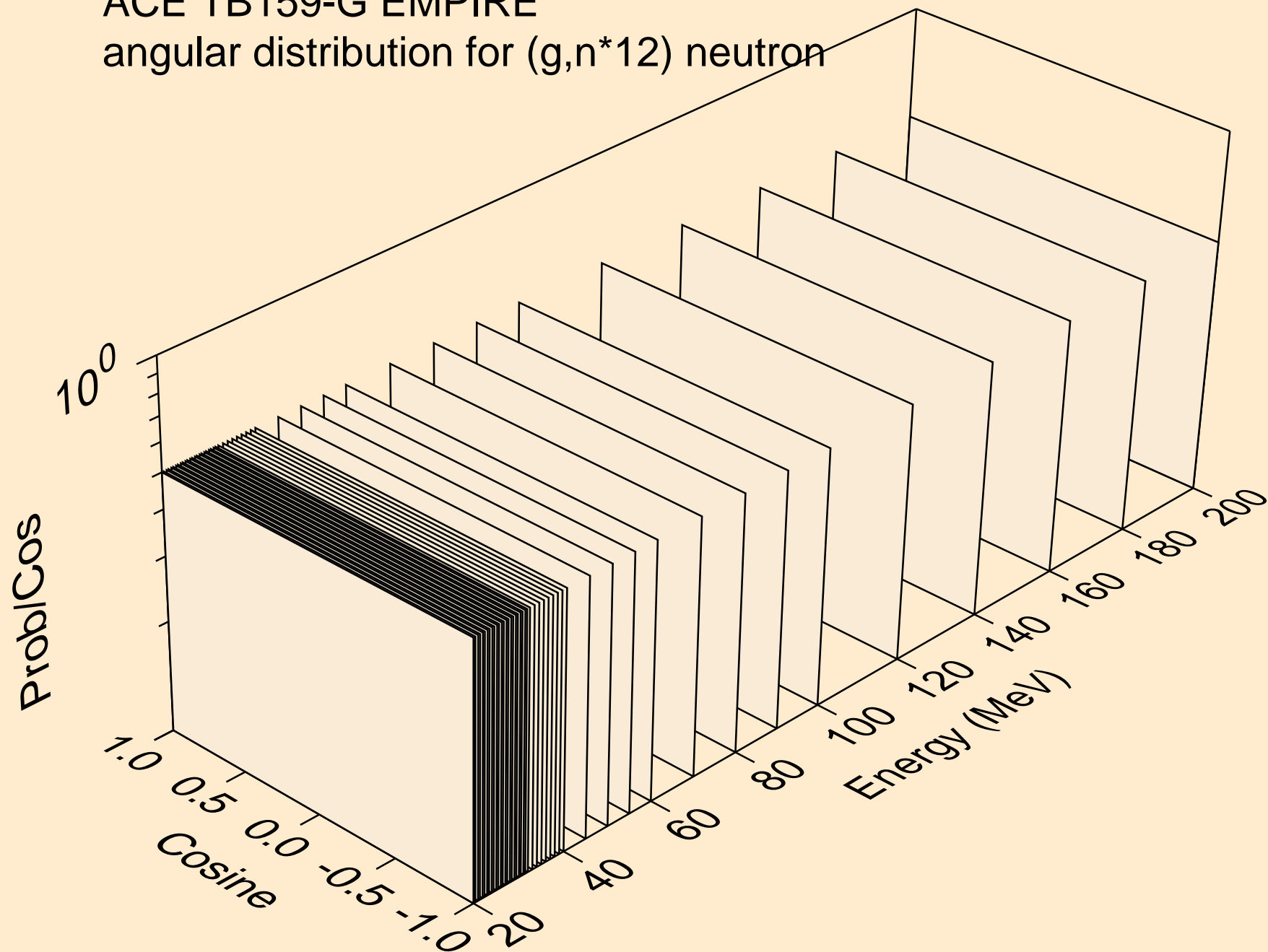
# ACE TB159-G EMPIRE

angular distribution for (g,n\*12) neutron



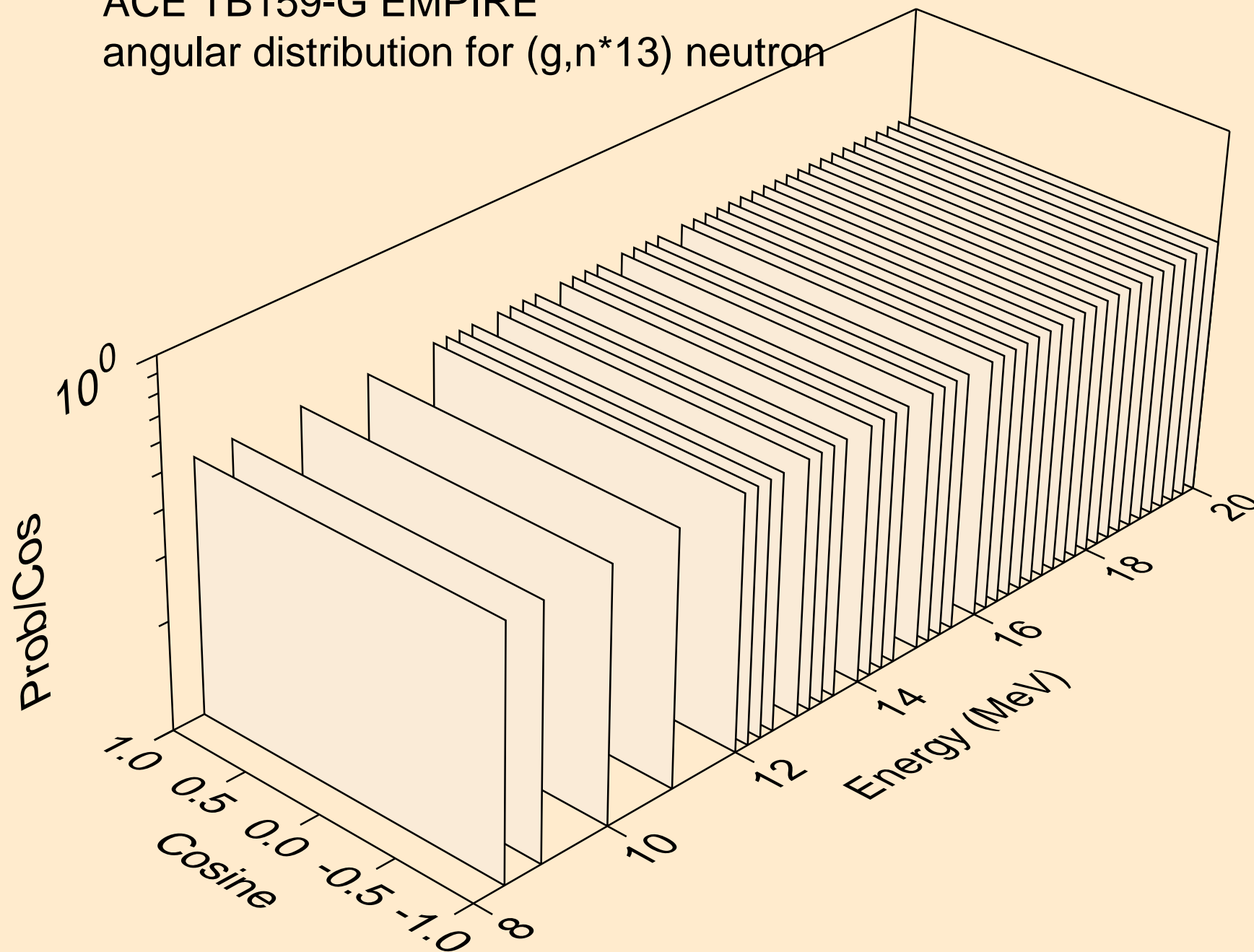
# ACE TB159-G EMPIRE

angular distribution for (g,n\*12) neutron



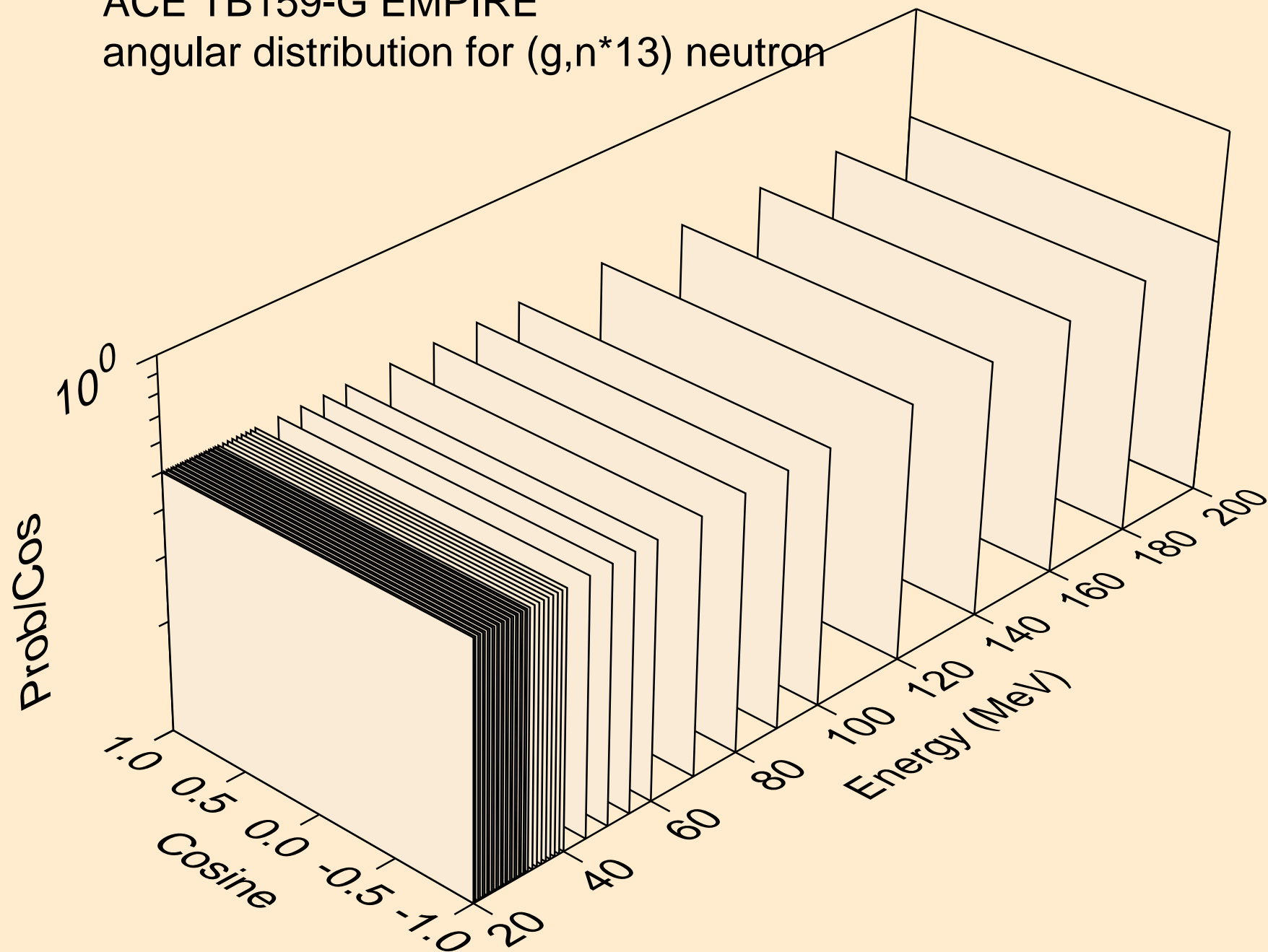
# ACE TB159-G EMPIRE

angular distribution for (g,n\*13) neutron



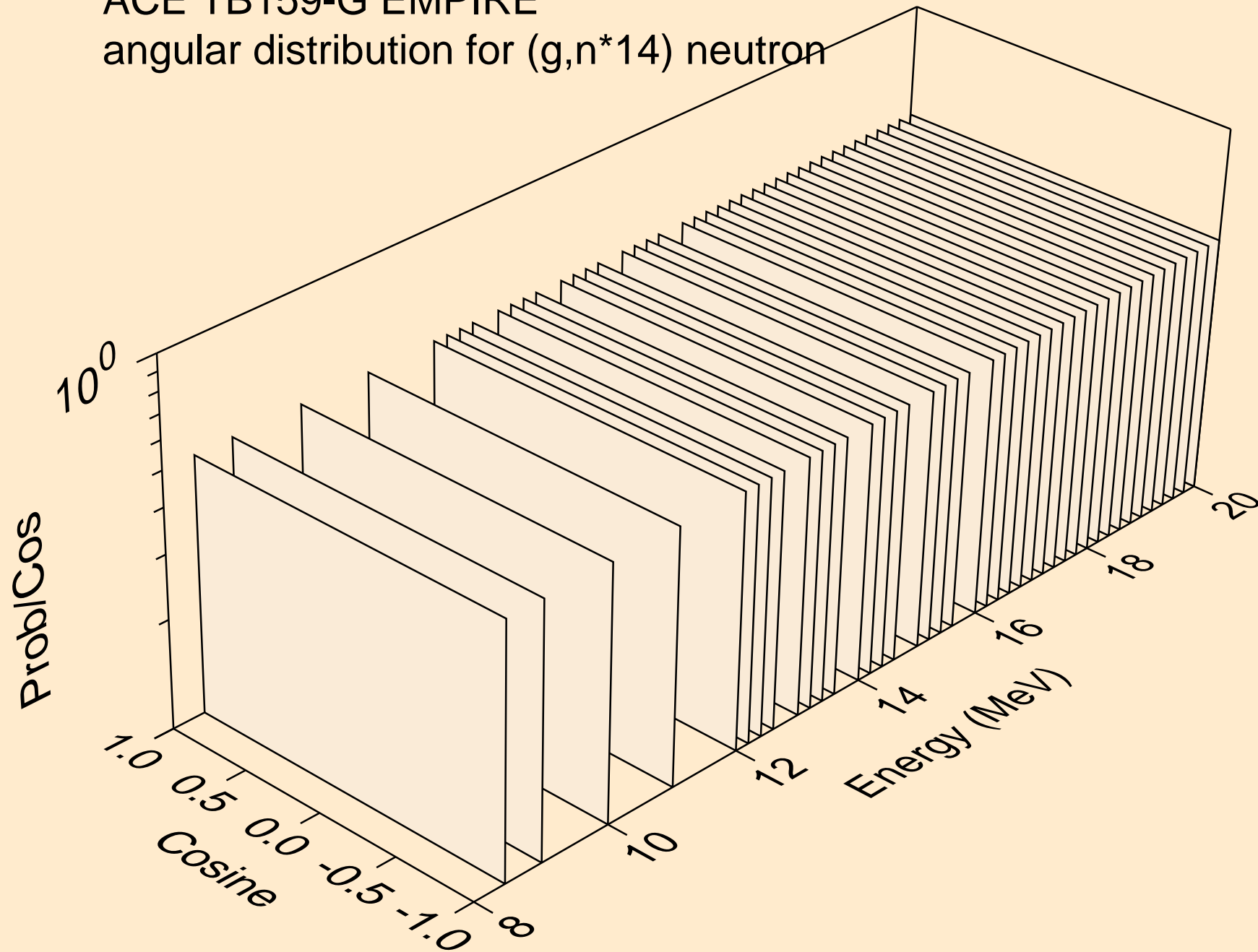
# ACE TB159-G EMPIRE

angular distribution for (g,n\*13) neutron



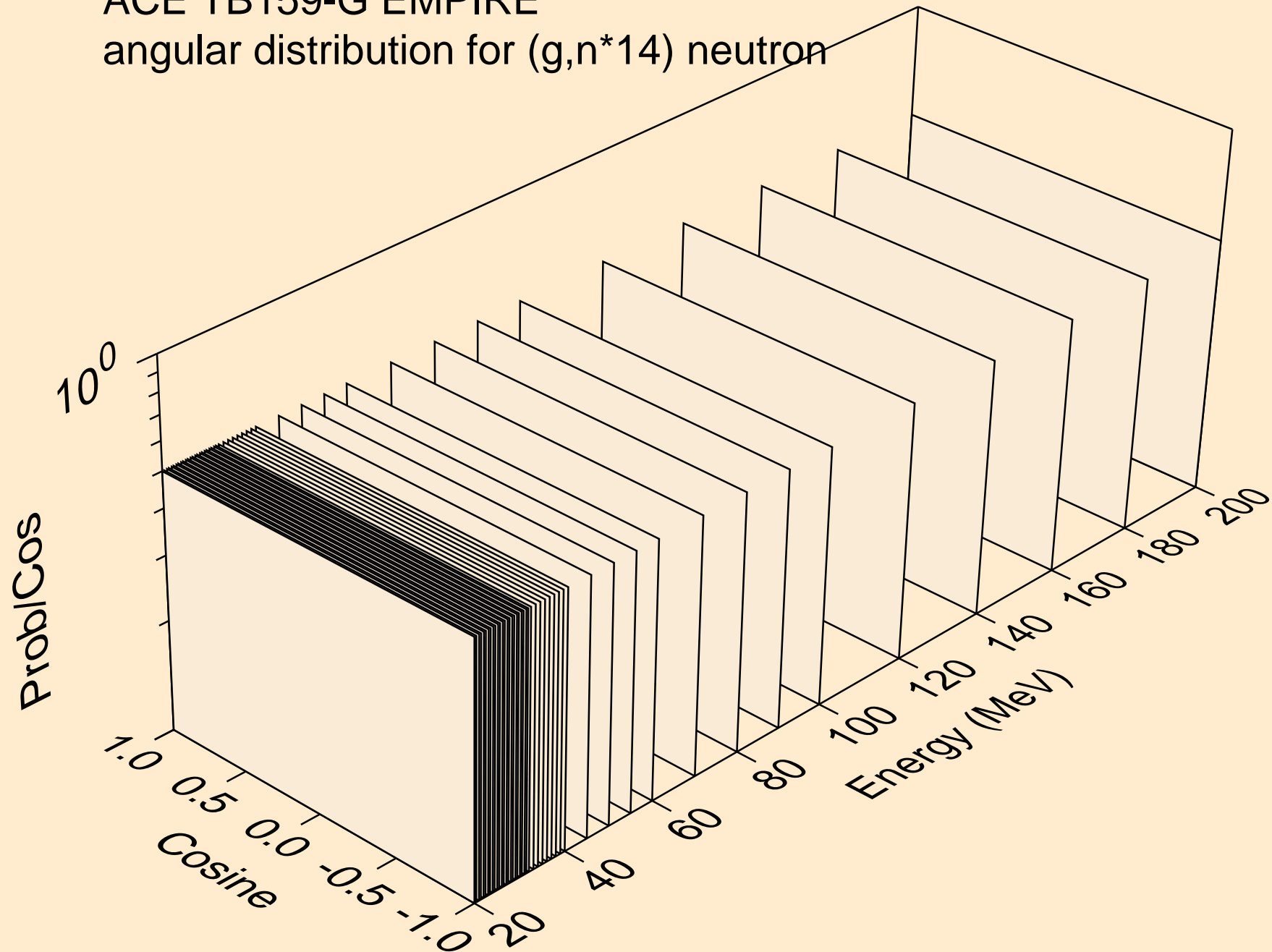
# ACE TB159-G EMPIRE

angular distribution for (g,n\*14) neutron



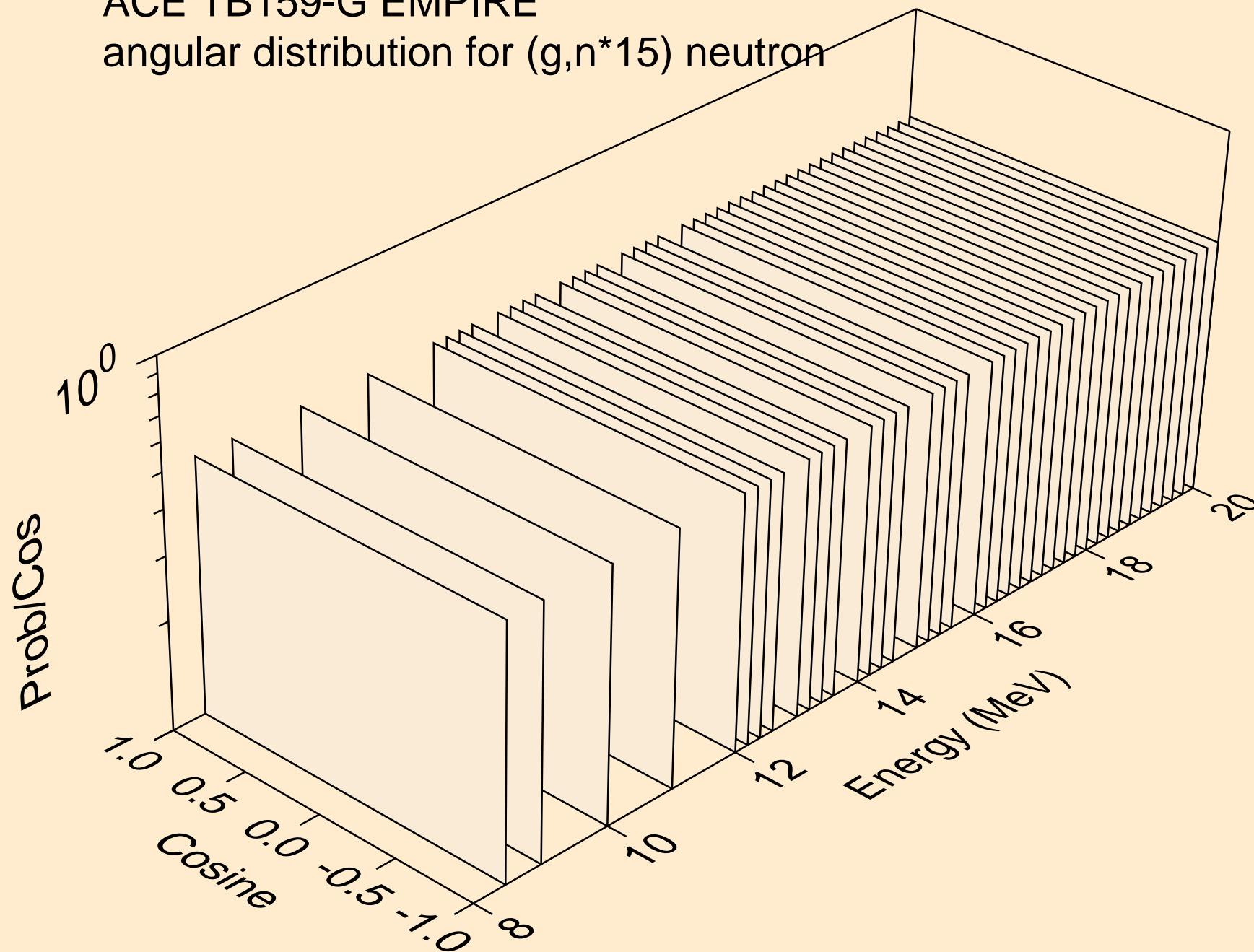
# ACE TB159-G EMPIRE

angular distribution for (g,n\*14) neutron



# ACE TB159-G EMPIRE

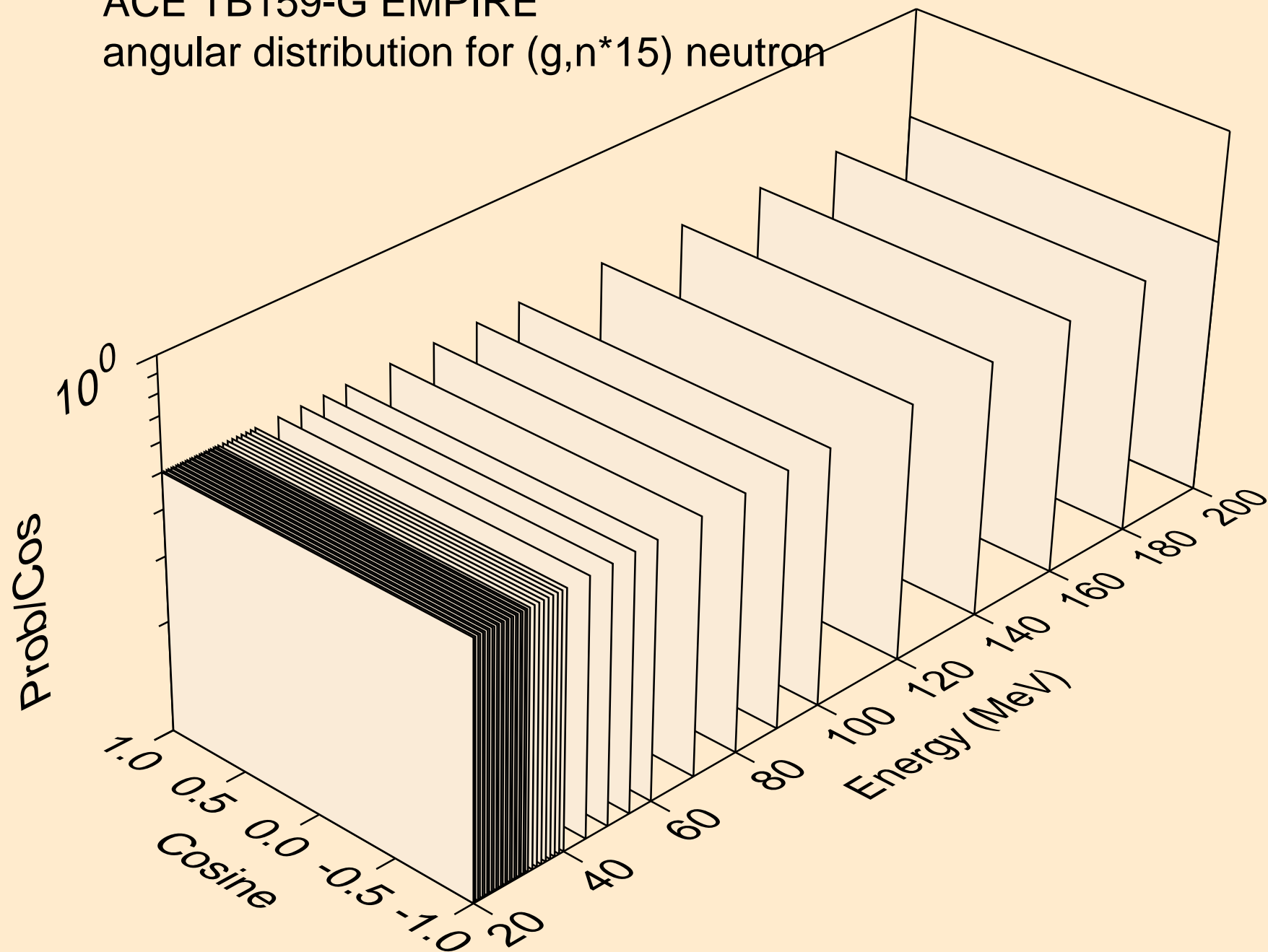
angular distribution for (g,n\*15) neutron





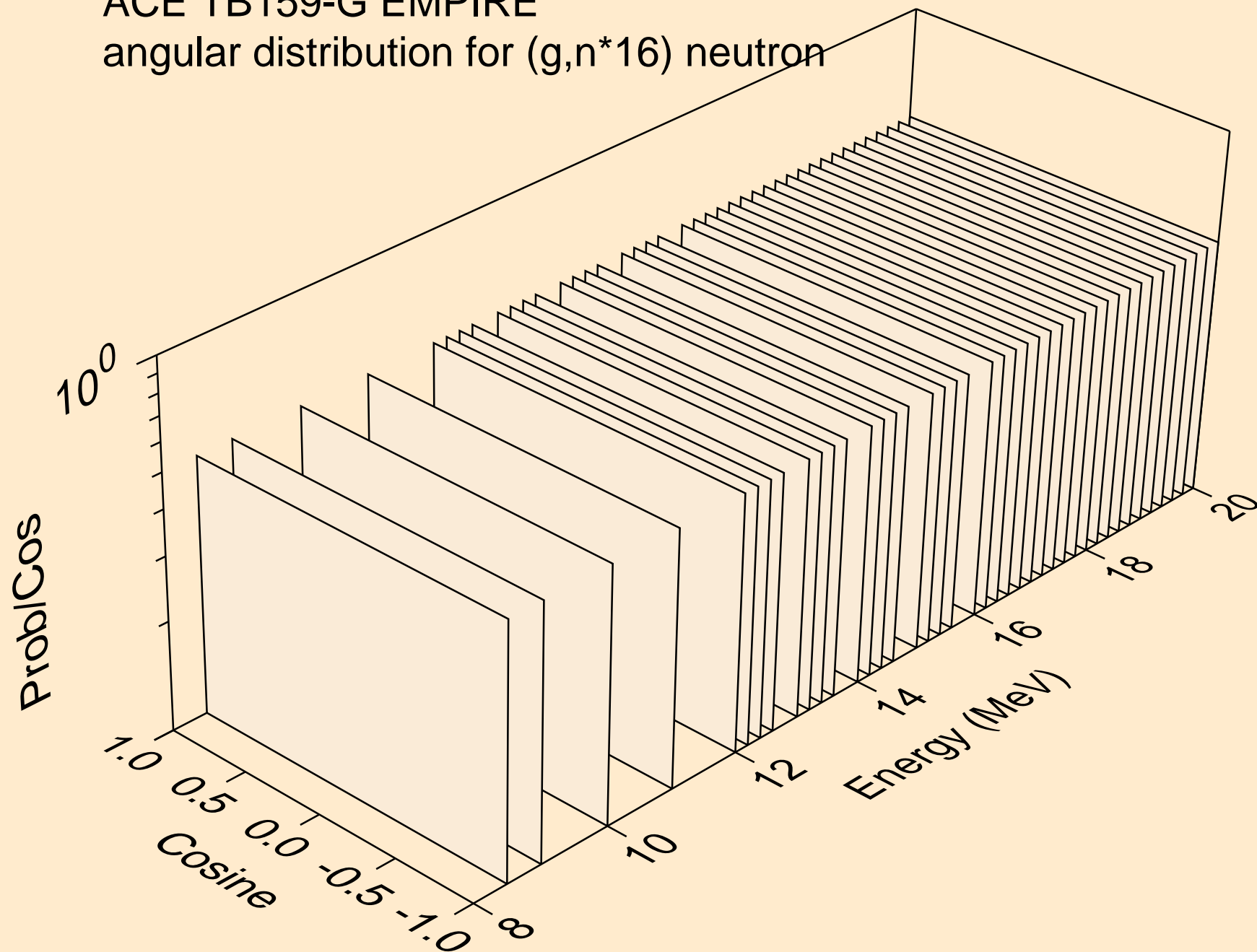
# ACE TB159-G EMPIRE

angular distribution for (g,n\*15) neutron



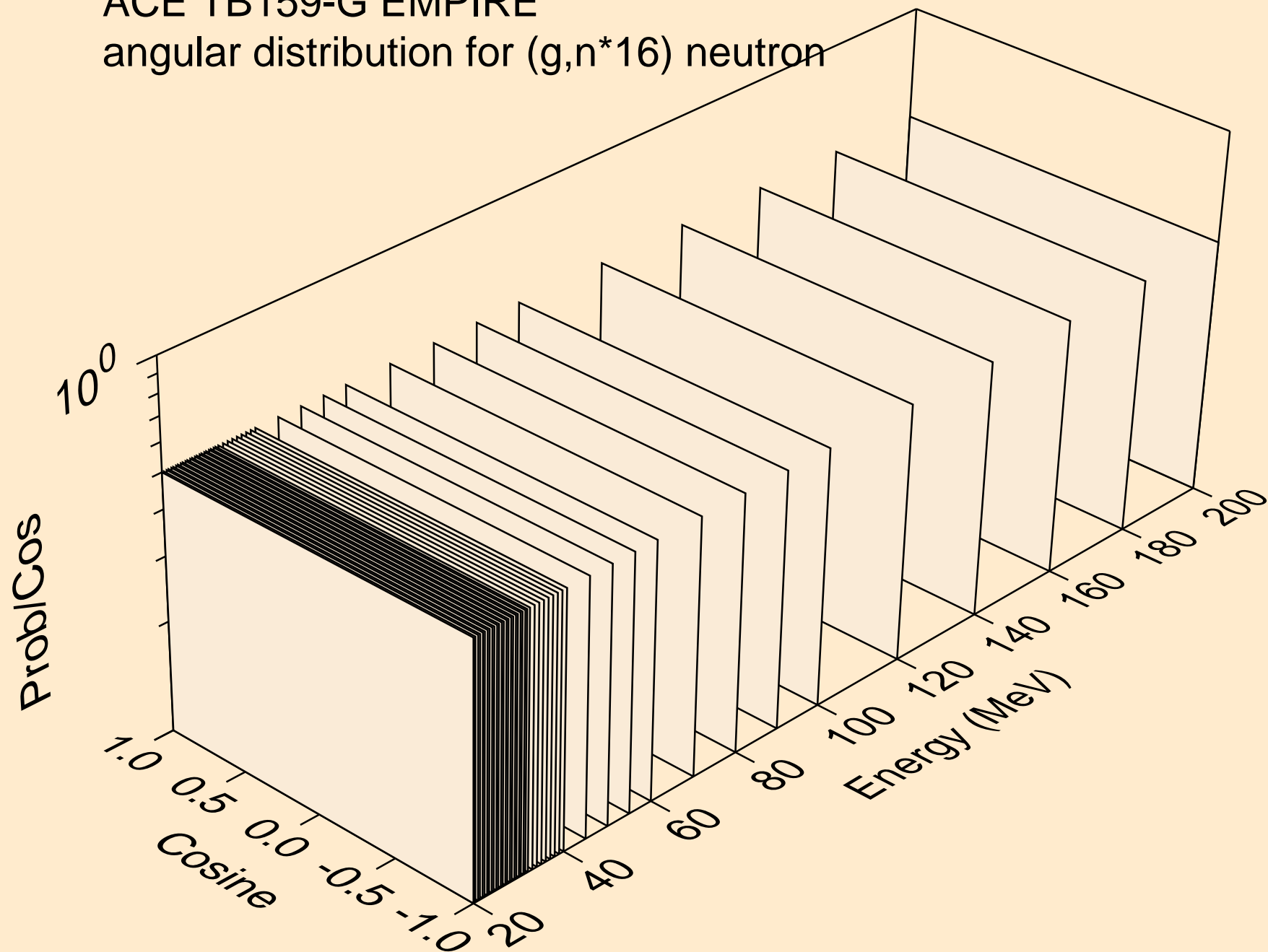
# ACE TB159-G EMPIRE

angular distribution for (g,n\*16) neutron



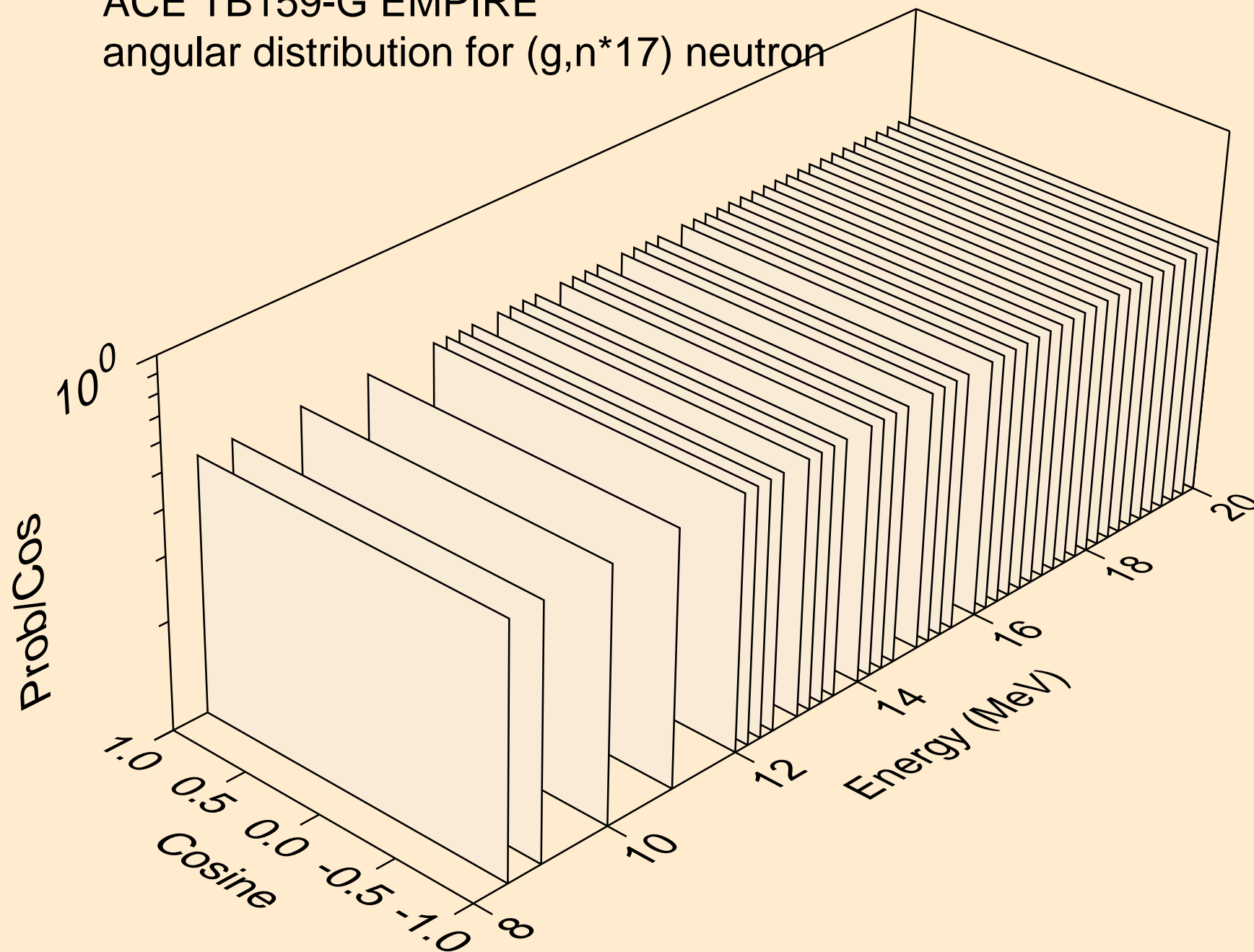
# ACE TB159-G EMPIRE

angular distribution for (g,n\*16) neutron

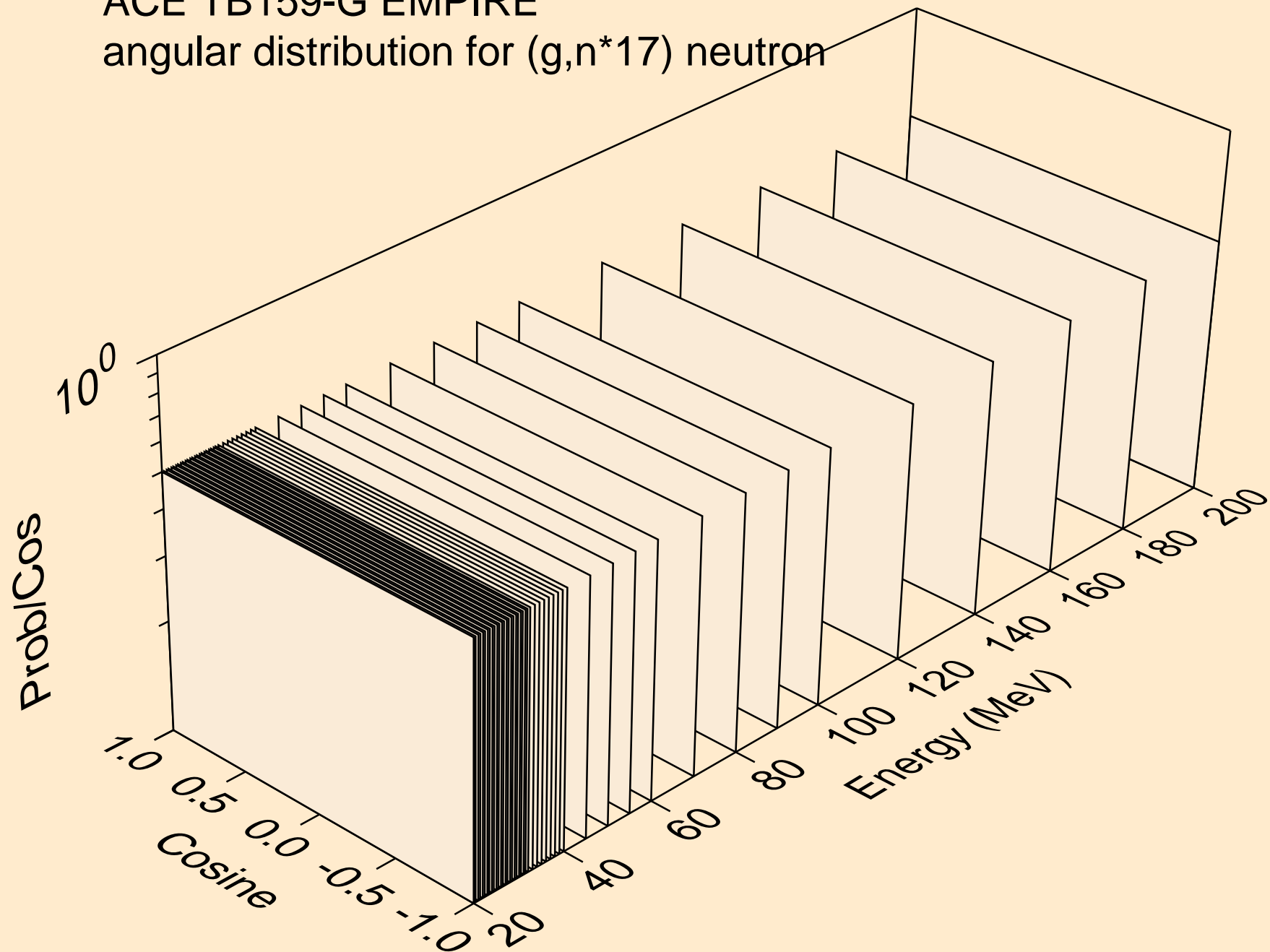


# ACE TB159-G EMPIRE

angular distribution for (g,n\*17) neutron

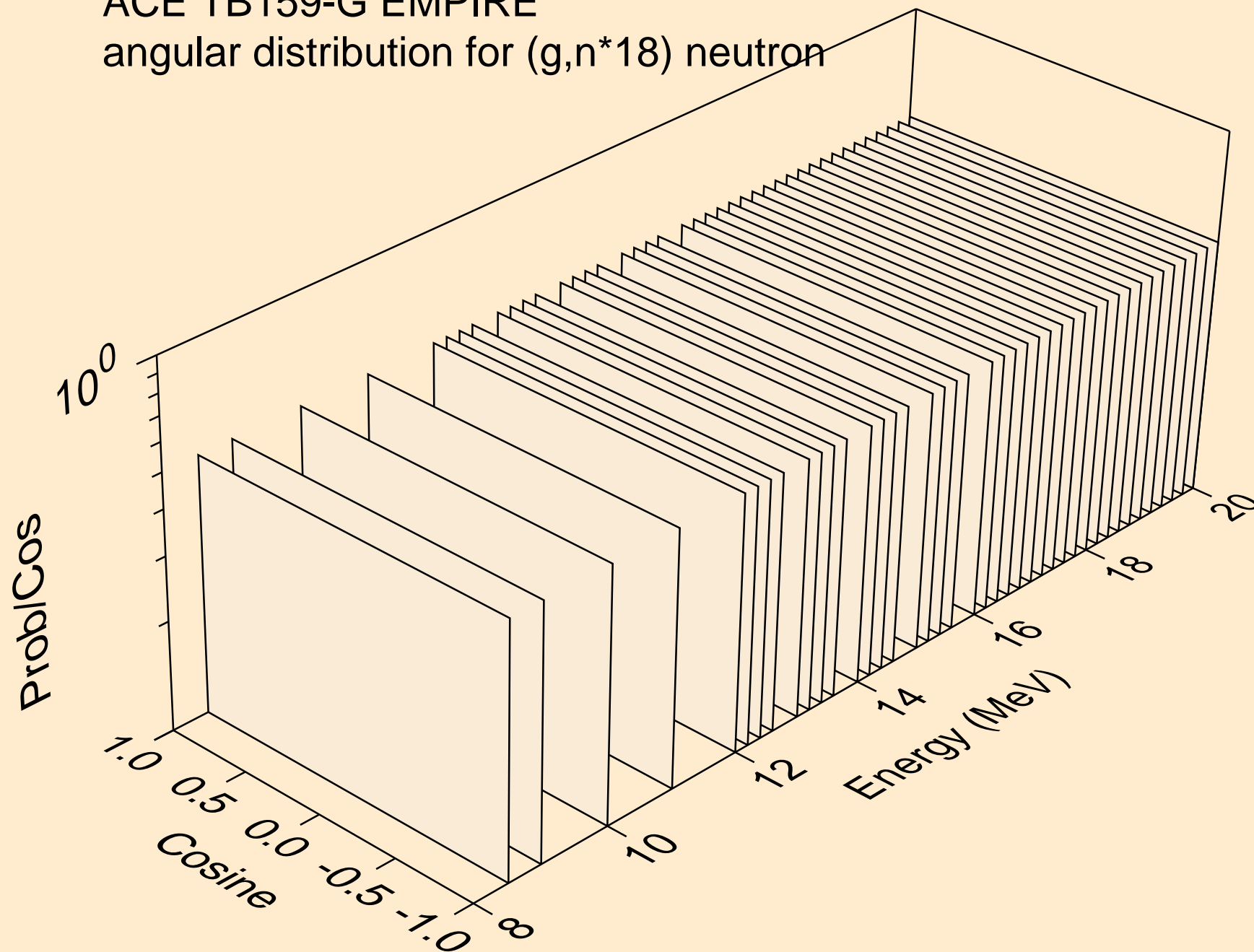


ACE TB159-G EMPIRE  
angular distribution for (g,n\*17) neutron

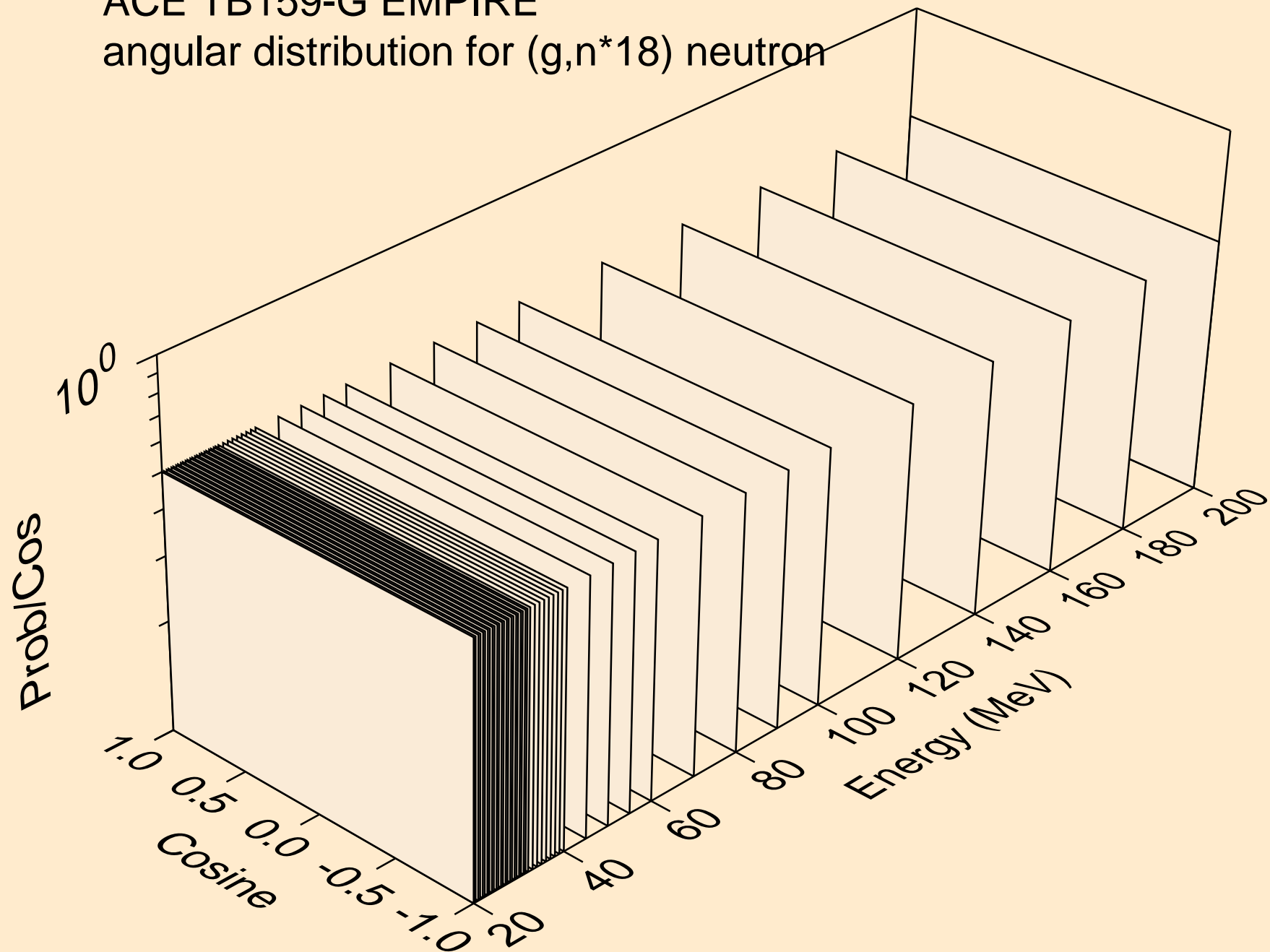


# ACE TB159-G EMPIRE

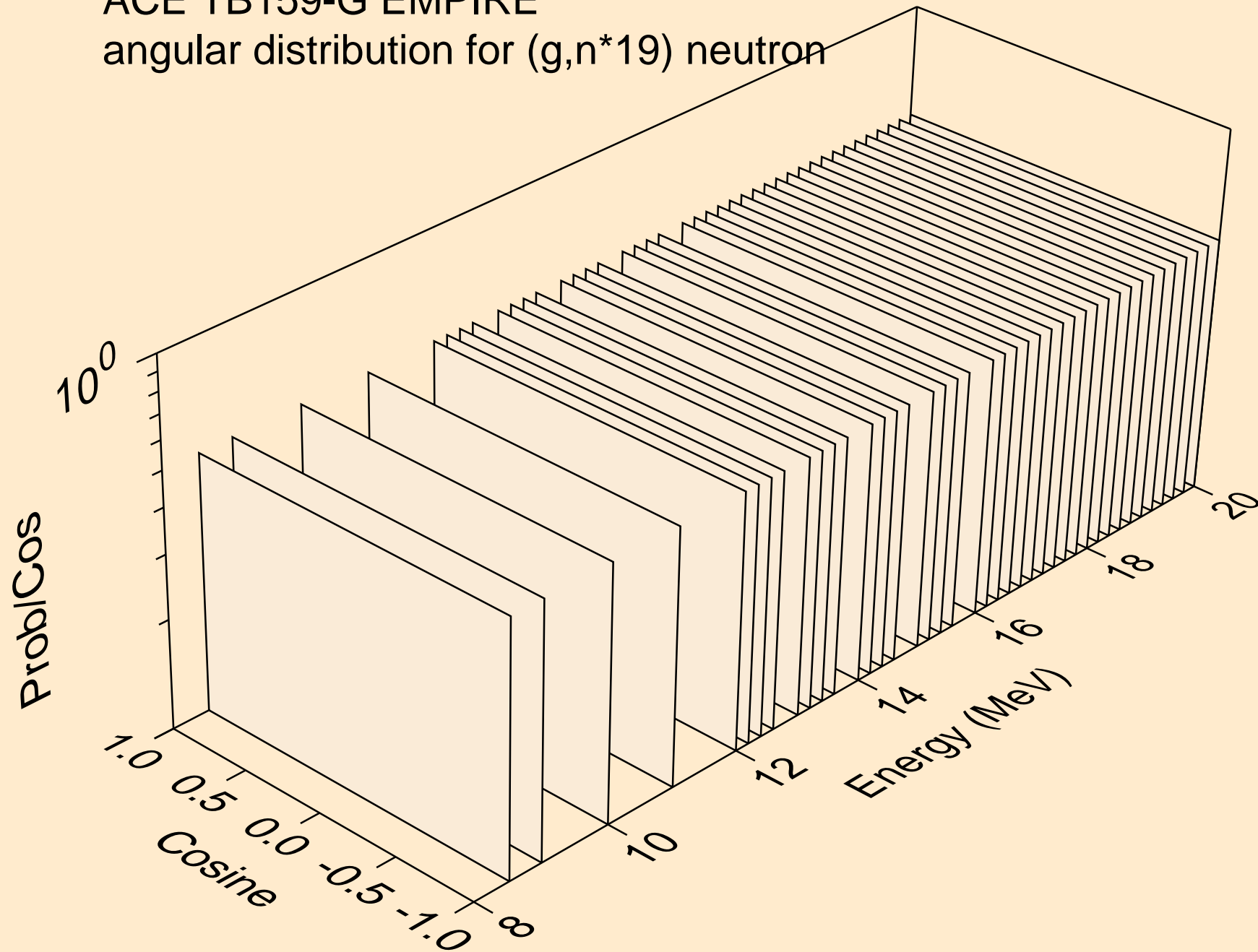
angular distribution for (g,n\*18) neutron



ACE TB159-G EMPIRE  
angular distribution for (g,n\*18) neutron



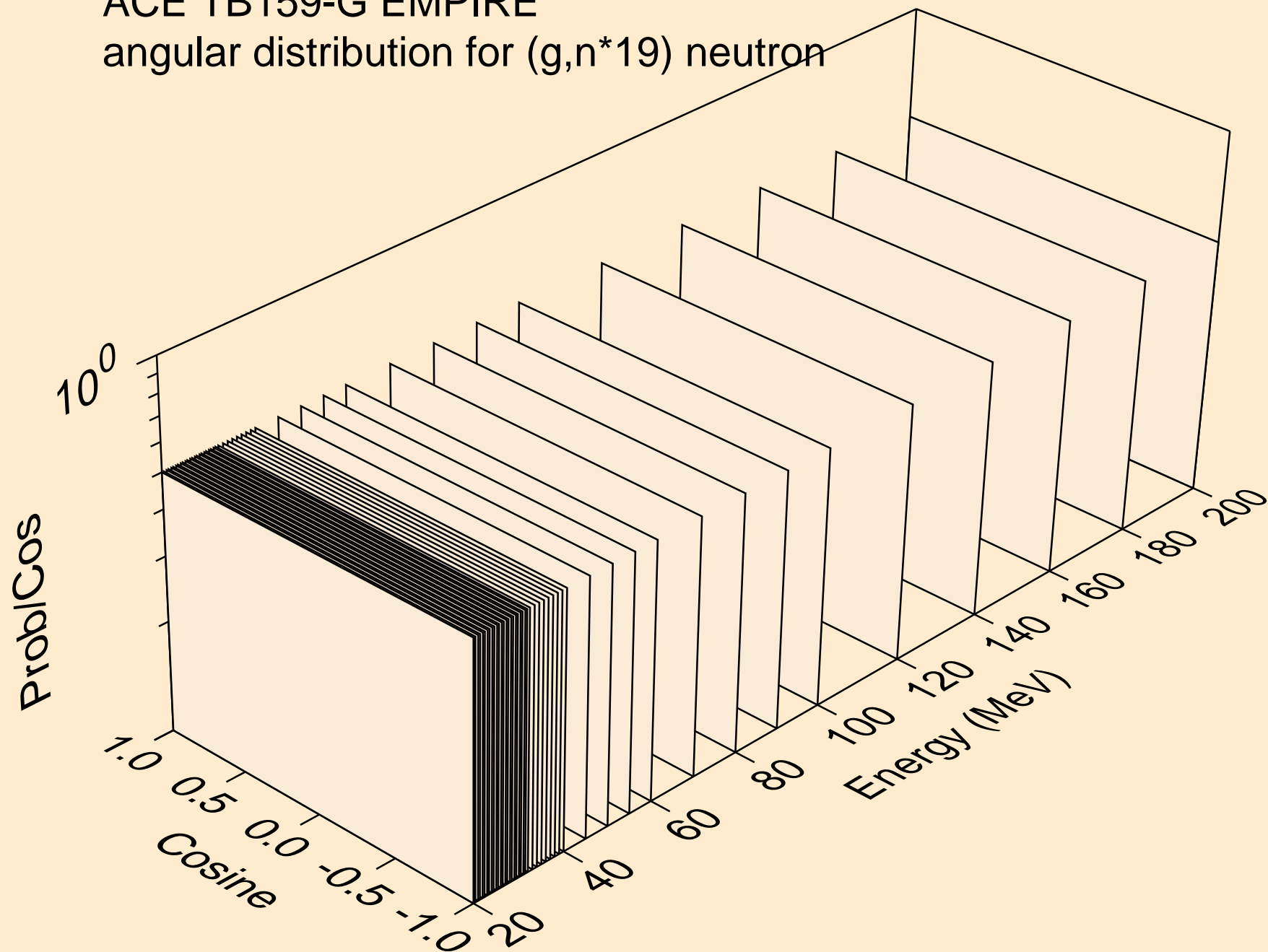
ACE TB159-G EMPIRE  
angular distribution for (g,n\*19) neutron





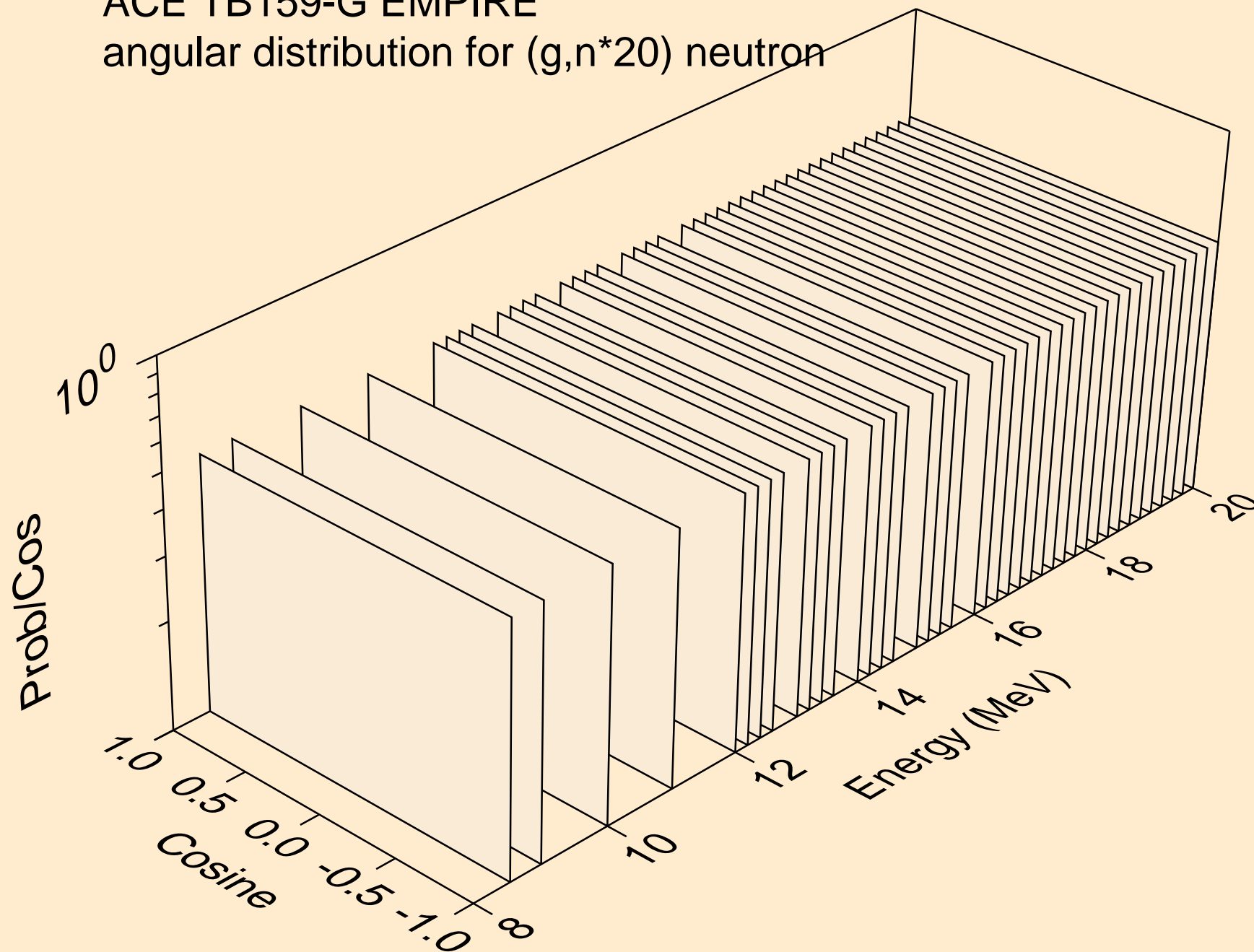
# ACE TB159-G EMPIRE

angular distribution for (g,n\*19) neutron



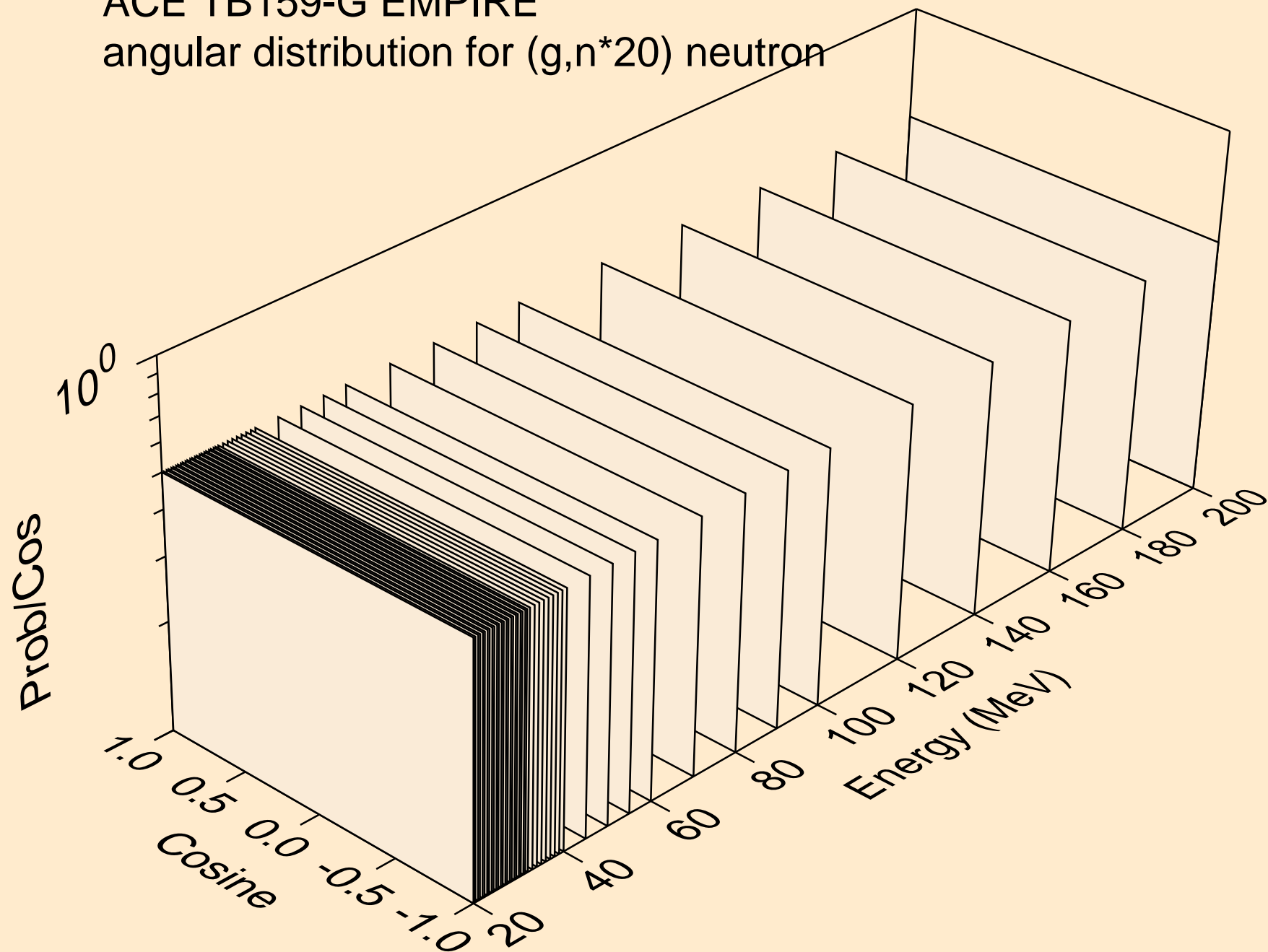
# ACE TB159-G EMPIRE

angular distribution for (g,n\*20) neutron



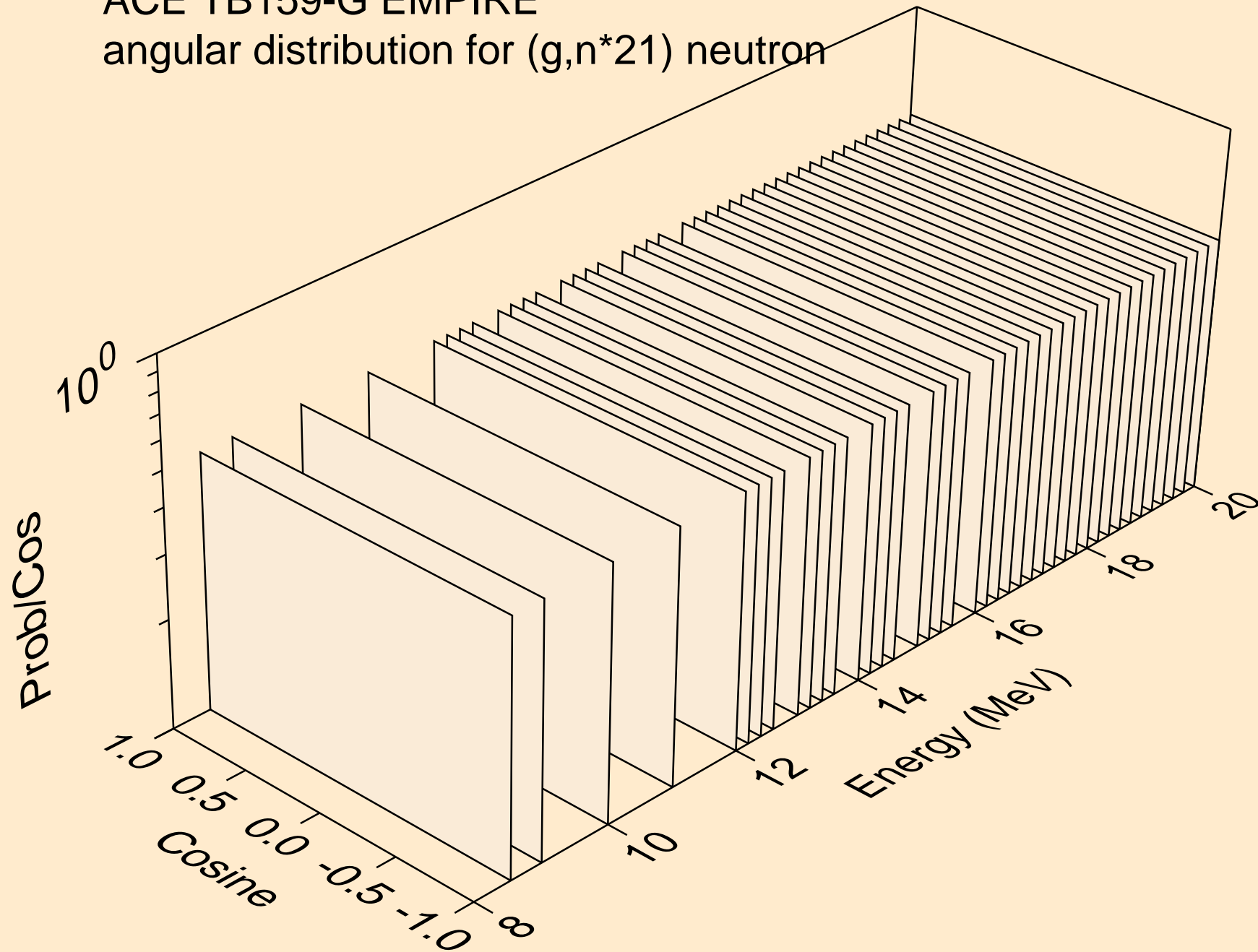
# ACE TB159-G EMPIRE

angular distribution for (g,n\*20) neutron



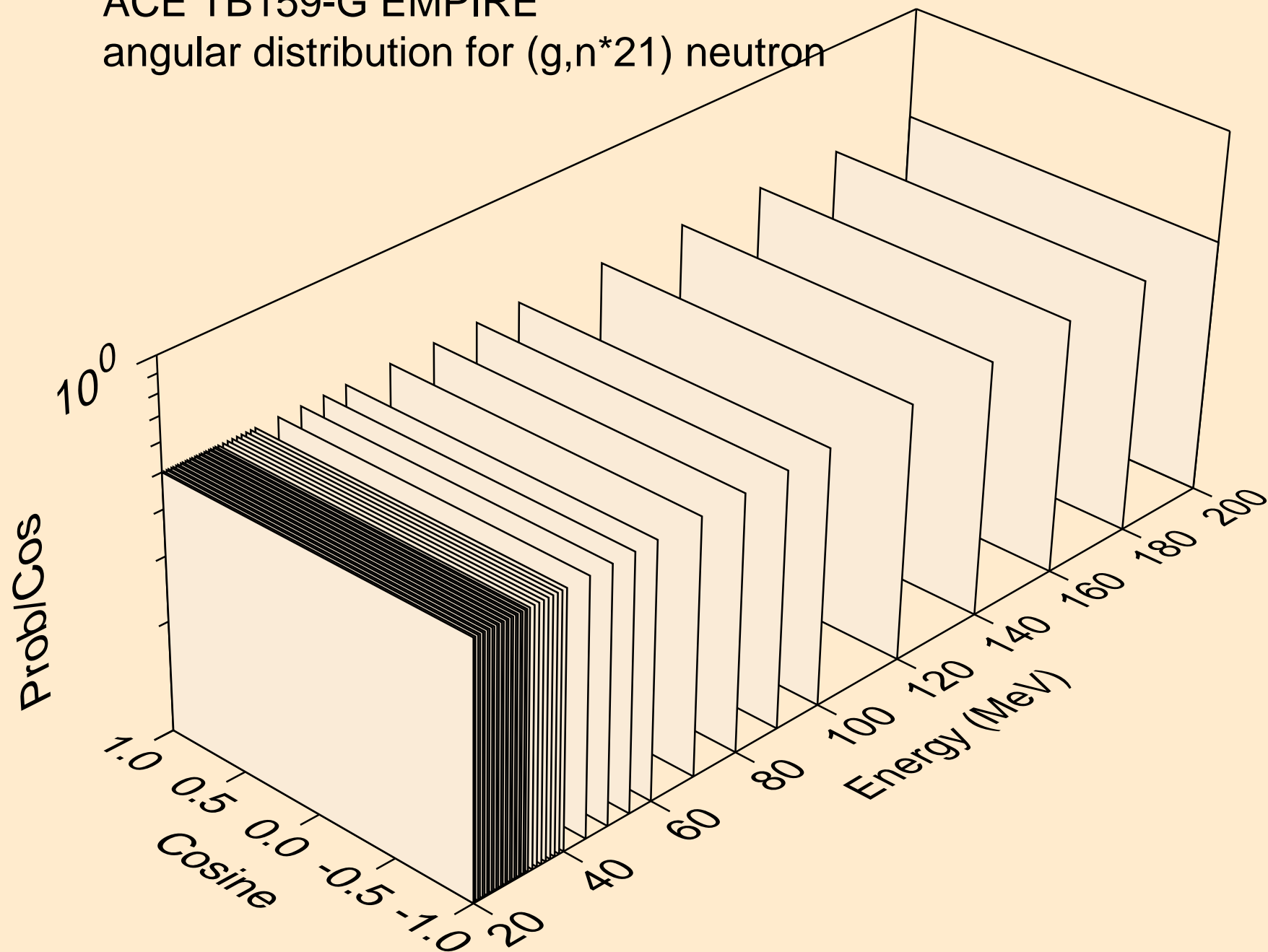
# ACE TB159-G EMPIRE

angular distribution for (g,n\*21) neutron



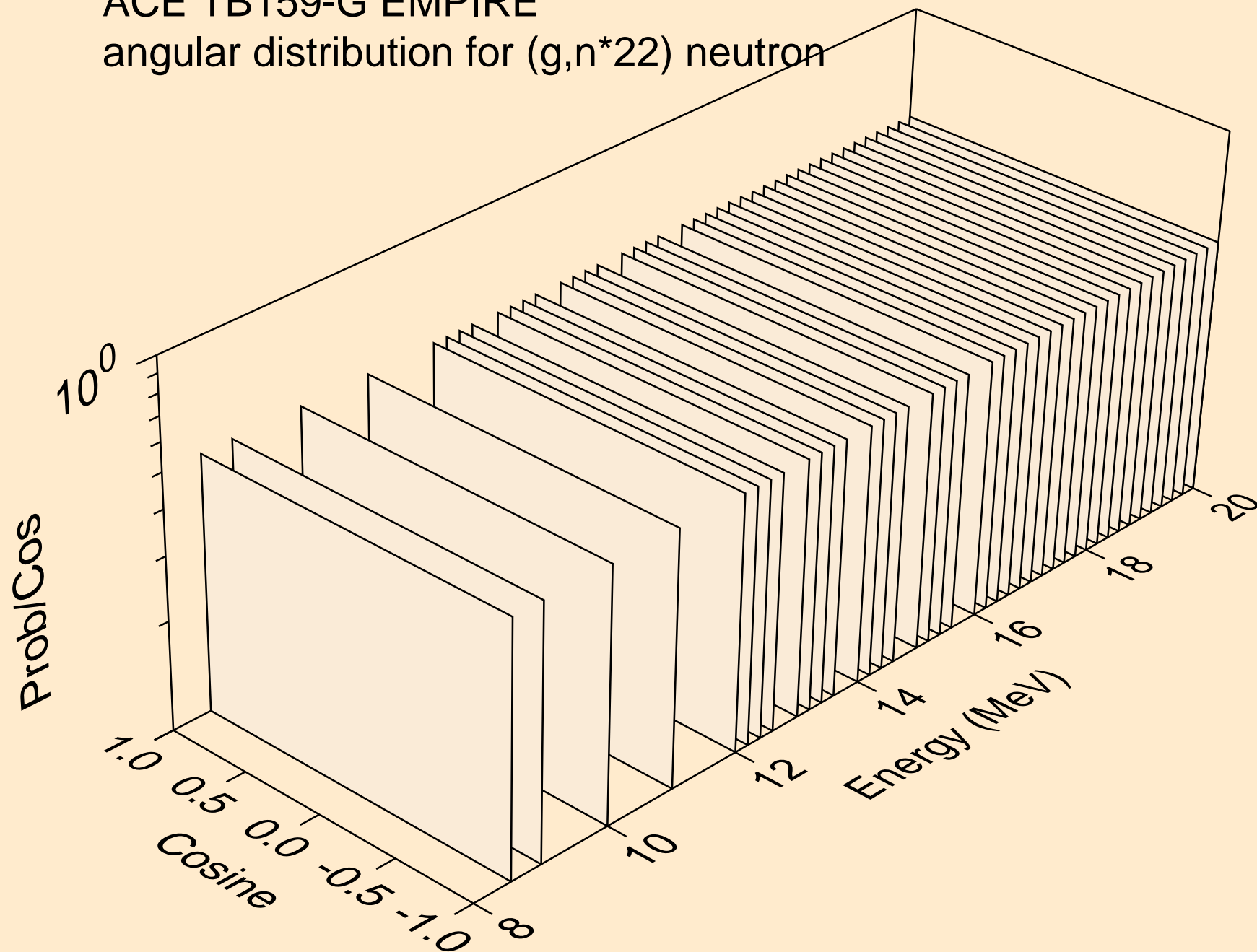
# ACE TB159-G EMPIRE

angular distribution for (g,n\*21) neutron



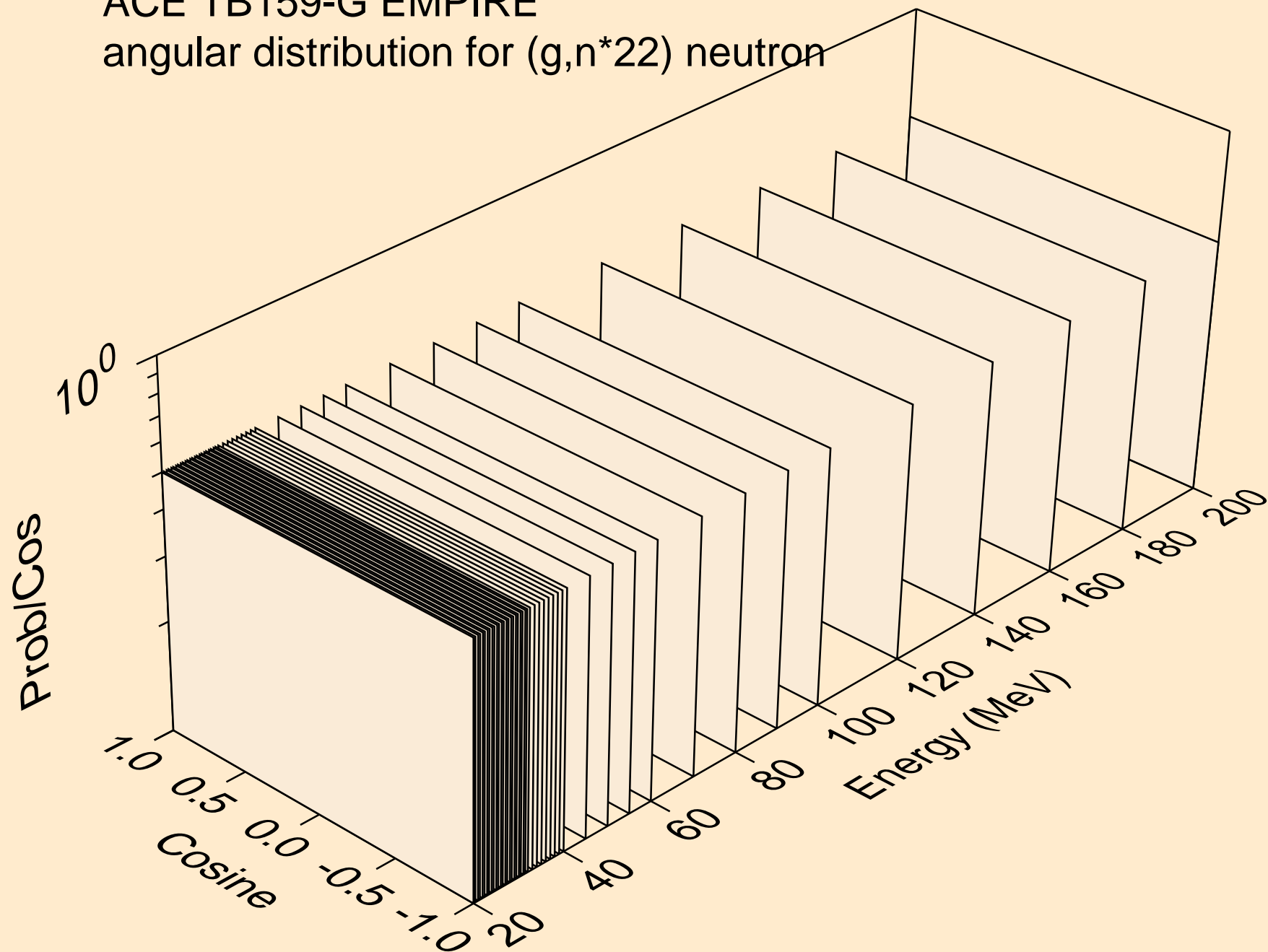
# ACE TB159-G EMPIRE

angular distribution for (g,n\*22) neutron



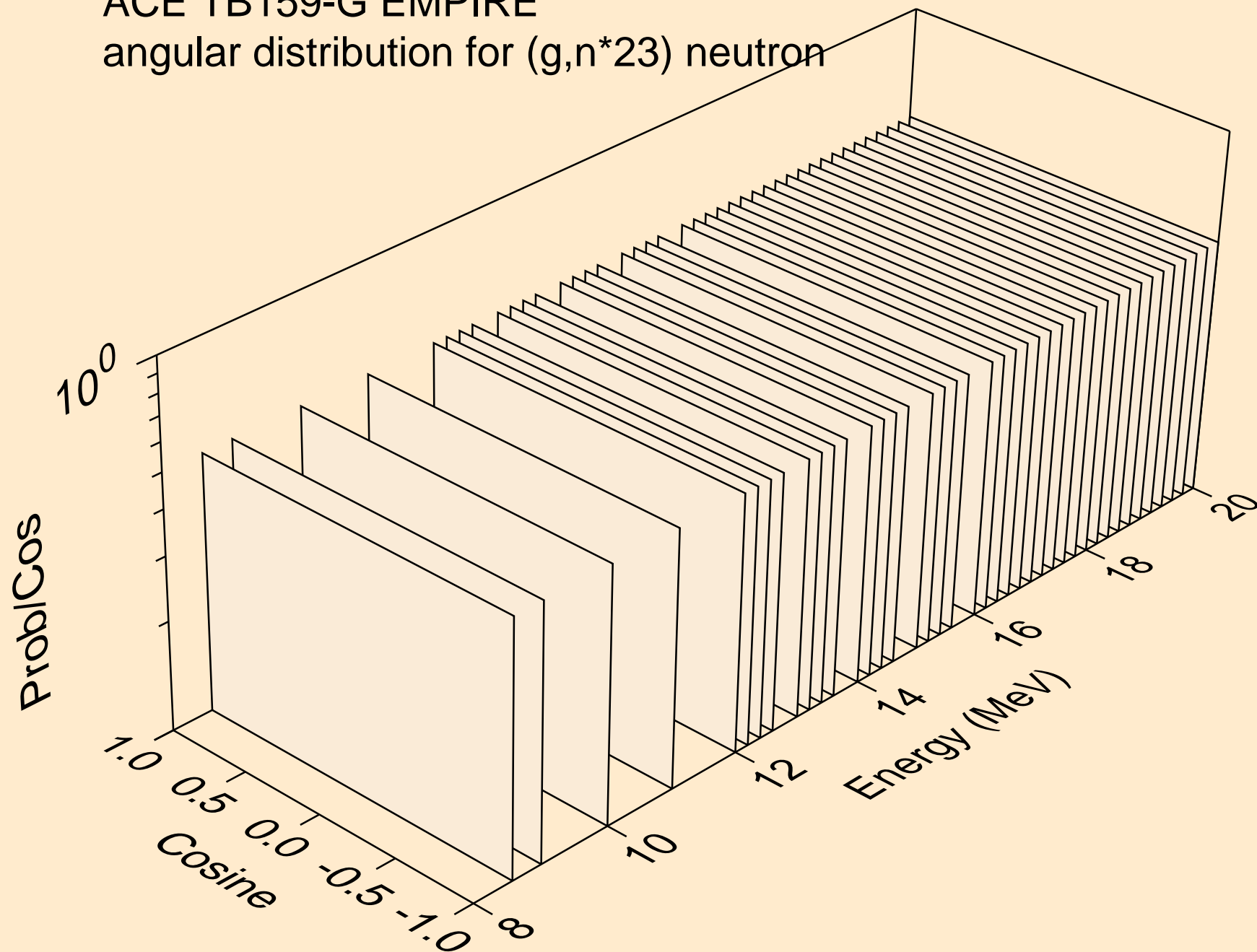
# ACE TB159-G EMPIRE

angular distribution for (g,n\*22) neutron



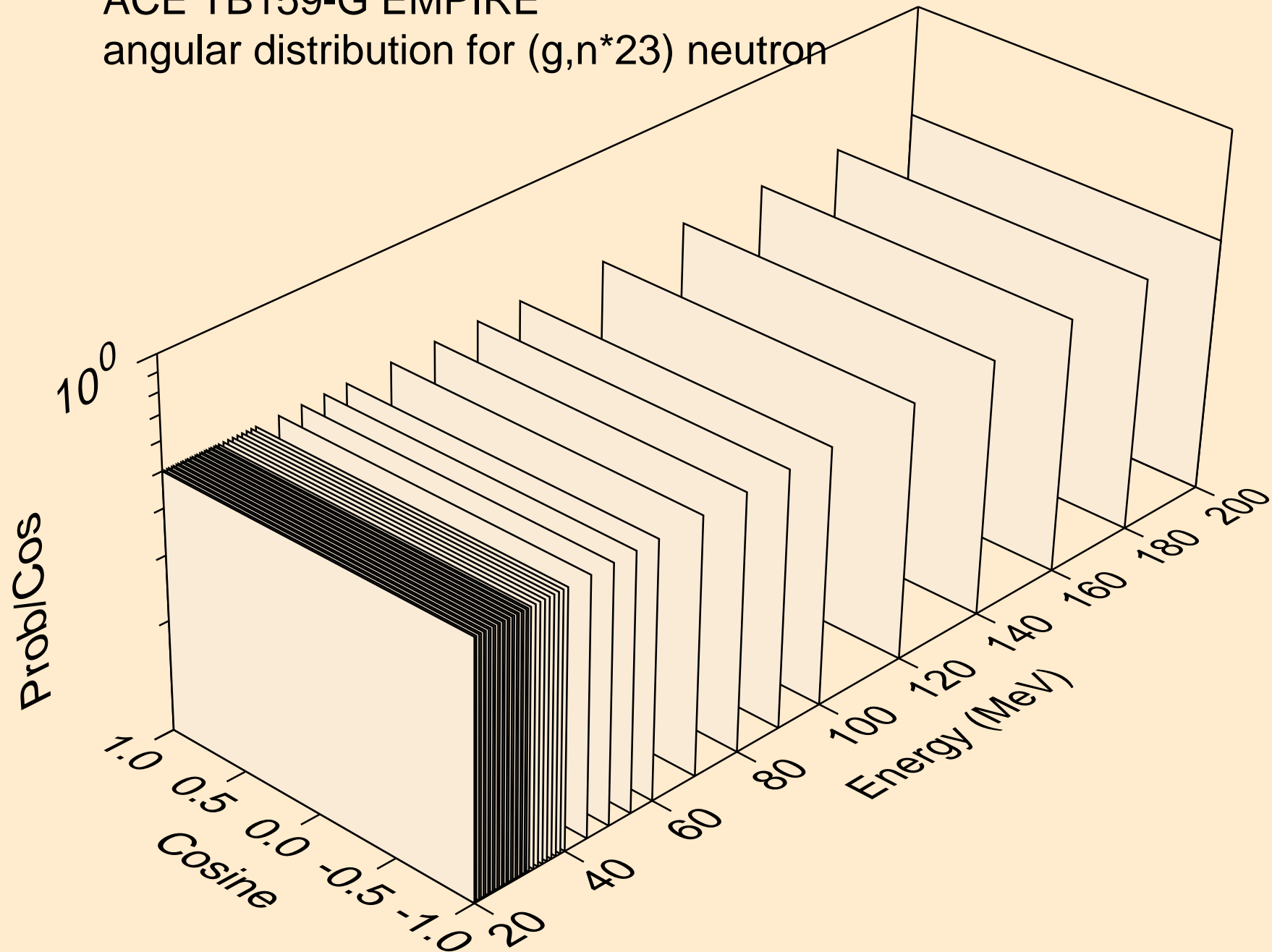
# ACE TB159-G EMPIRE

angular distribution for (g,n\*23) neutron



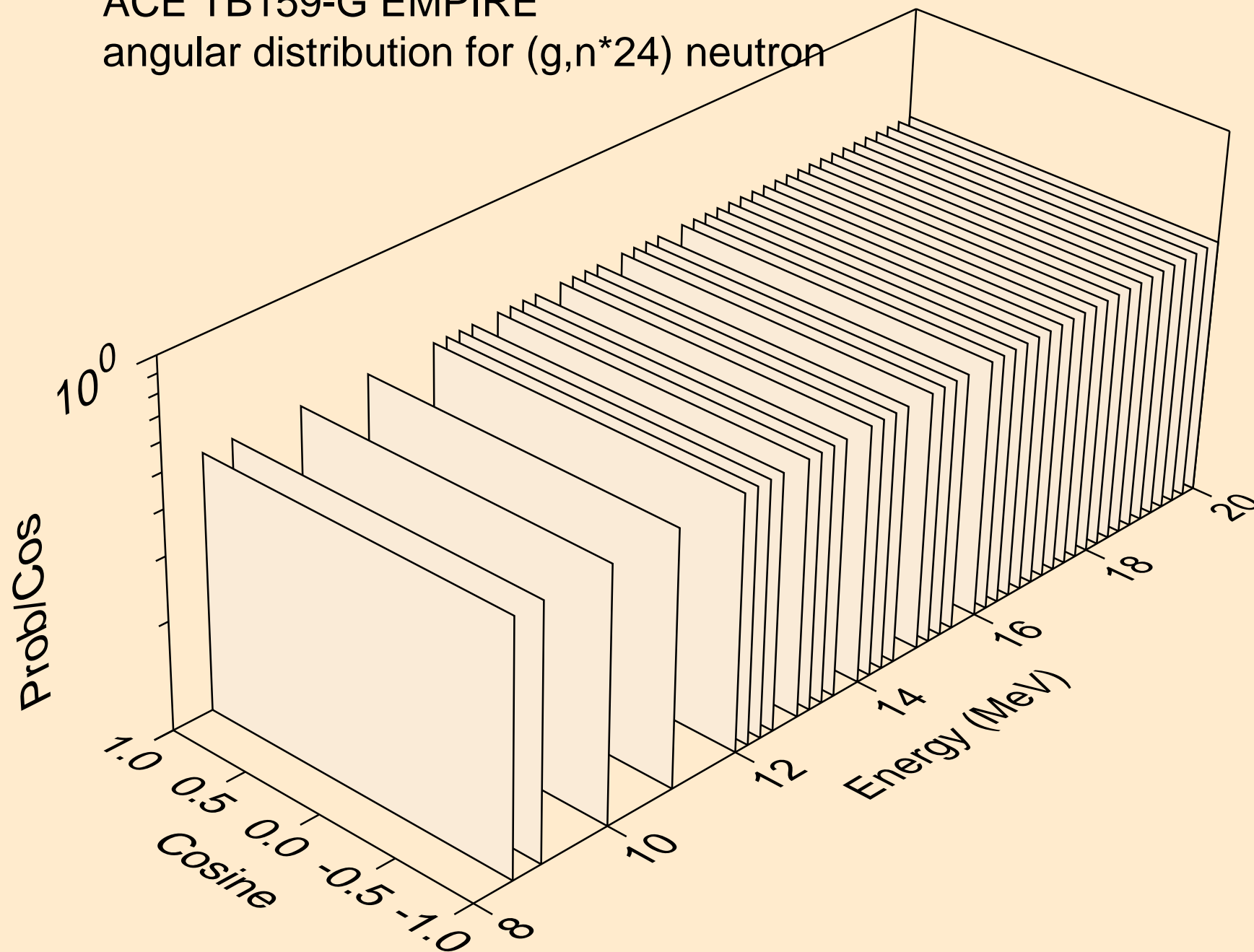


ACE TB159-G EMPIRE  
angular distribution for (g,n\*23) neutron



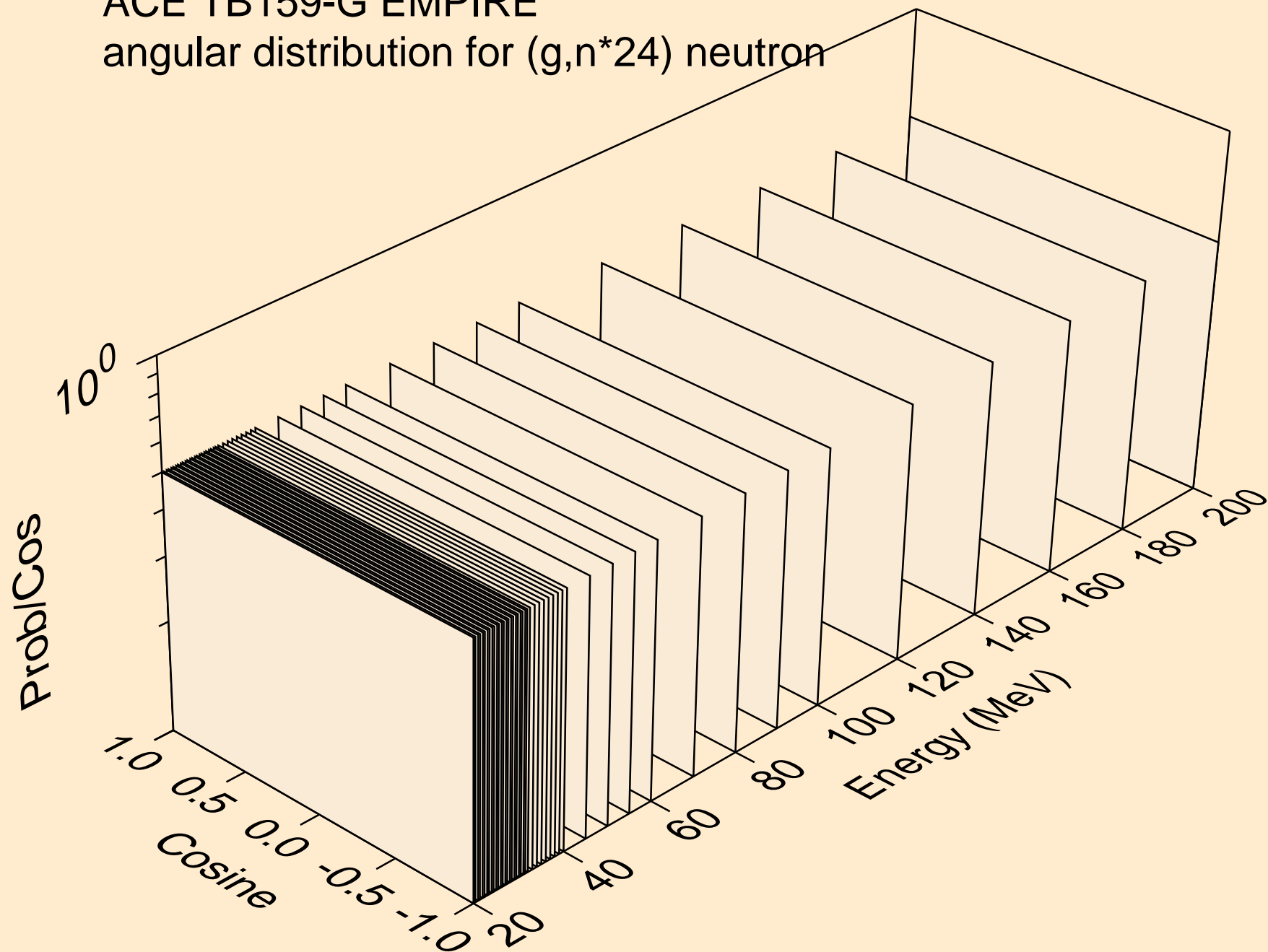
# ACE TB159-G EMPIRE

angular distribution for (g,n\*24) neutron



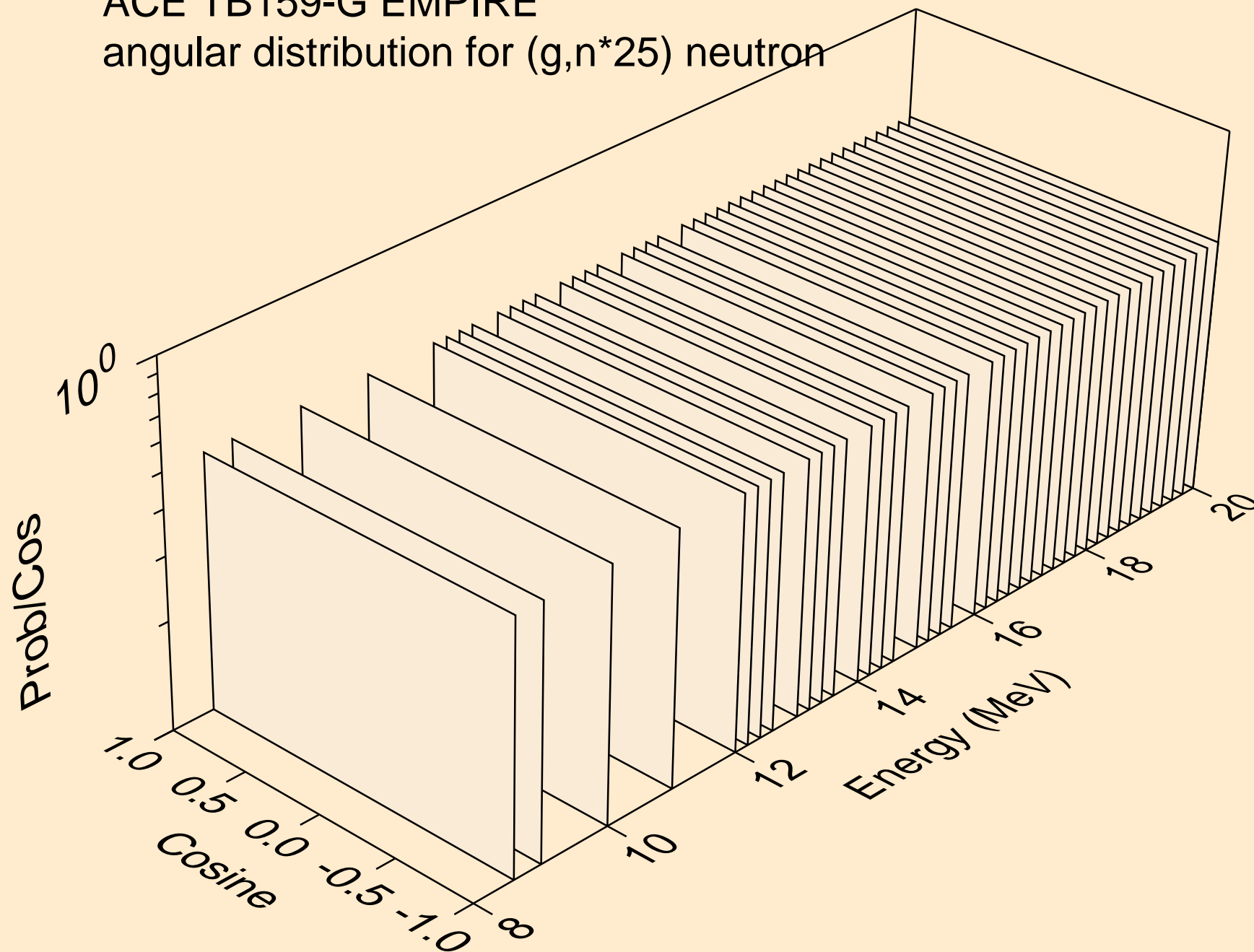
# ACE TB159-G EMPIRE

angular distribution for (g,n\*24) neutron



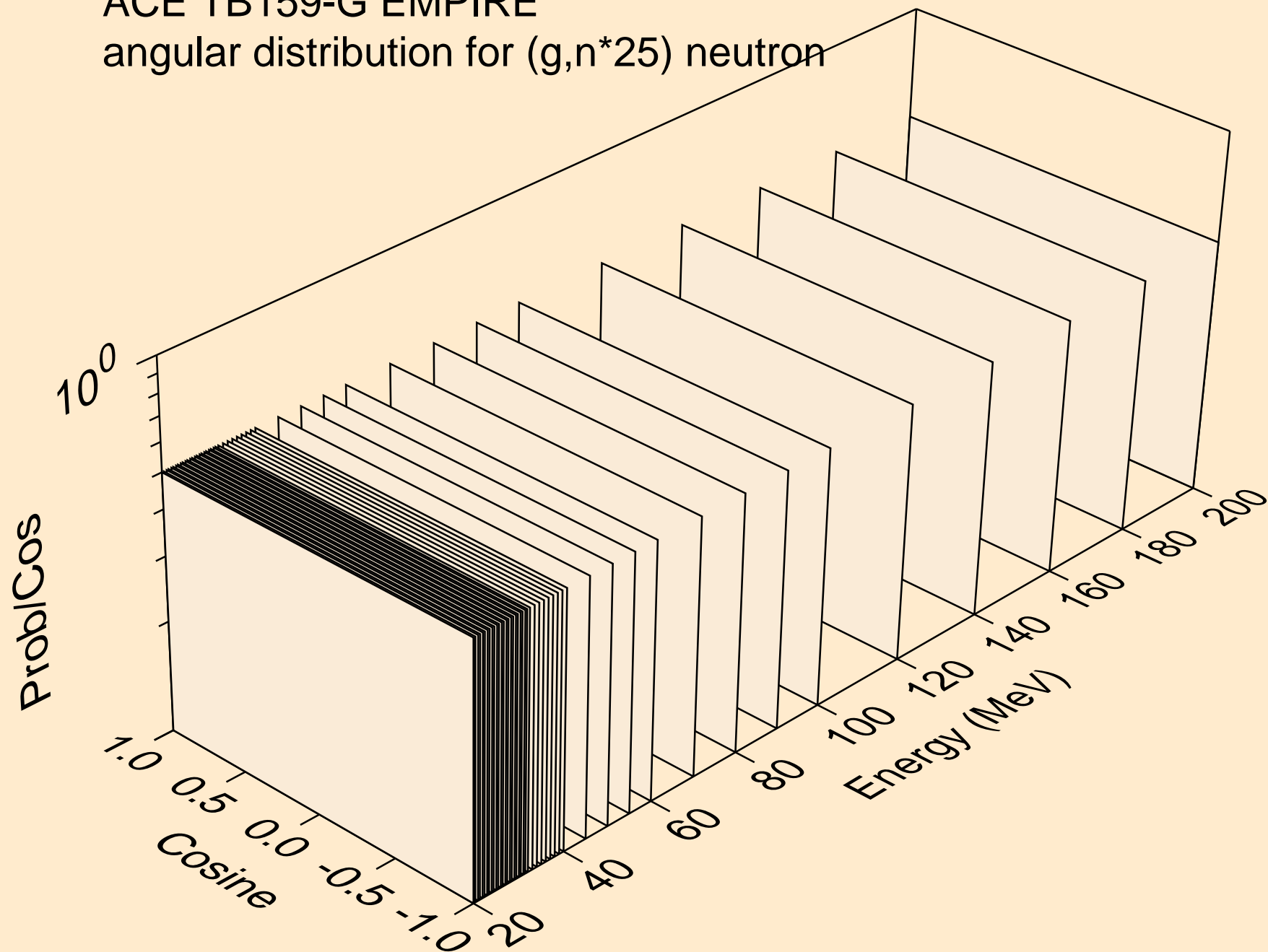
# ACE TB159-G EMPIRE

angular distribution for (g,n\*25) neutron



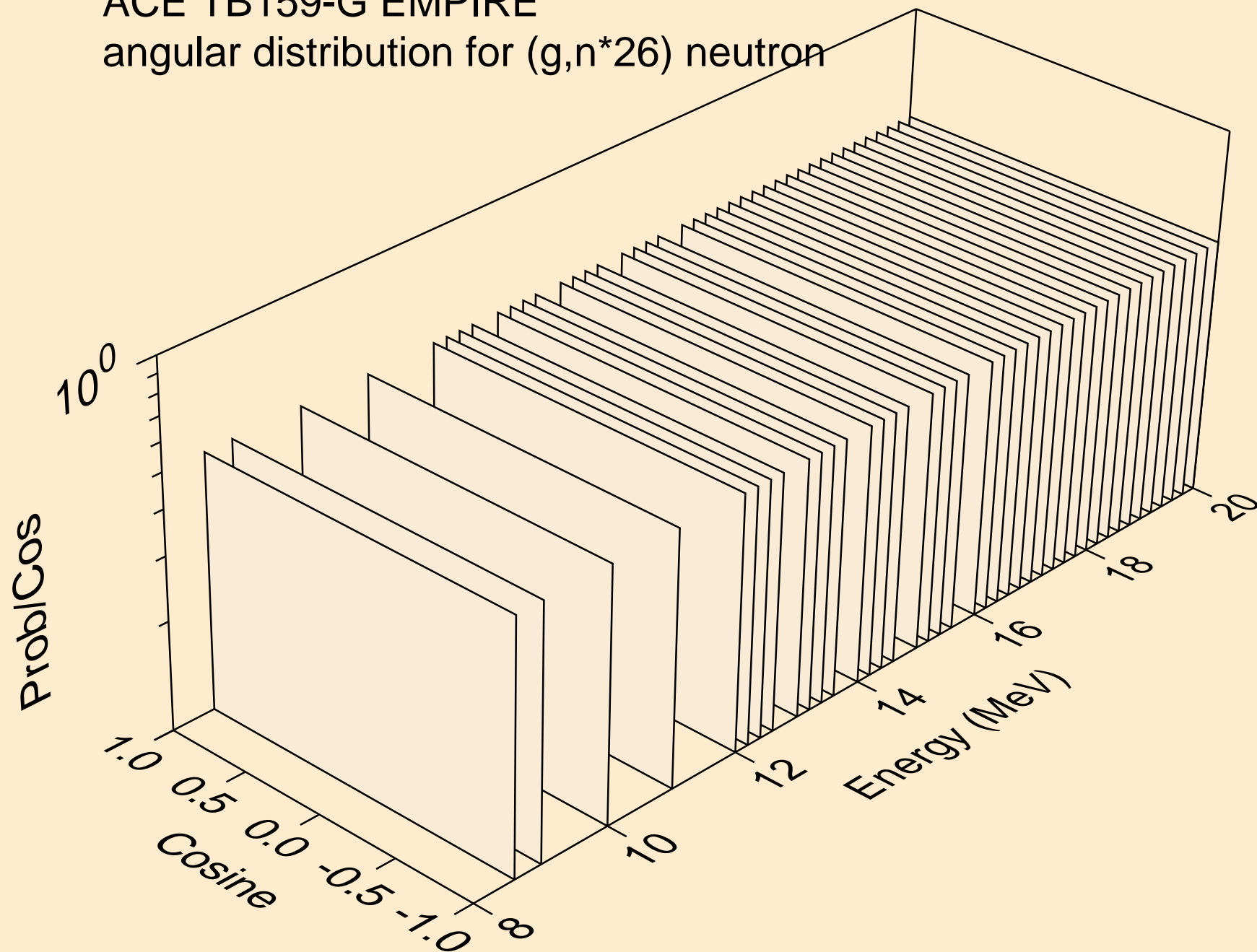
# ACE TB159-G EMPIRE

angular distribution for (g,n\*25) neutron



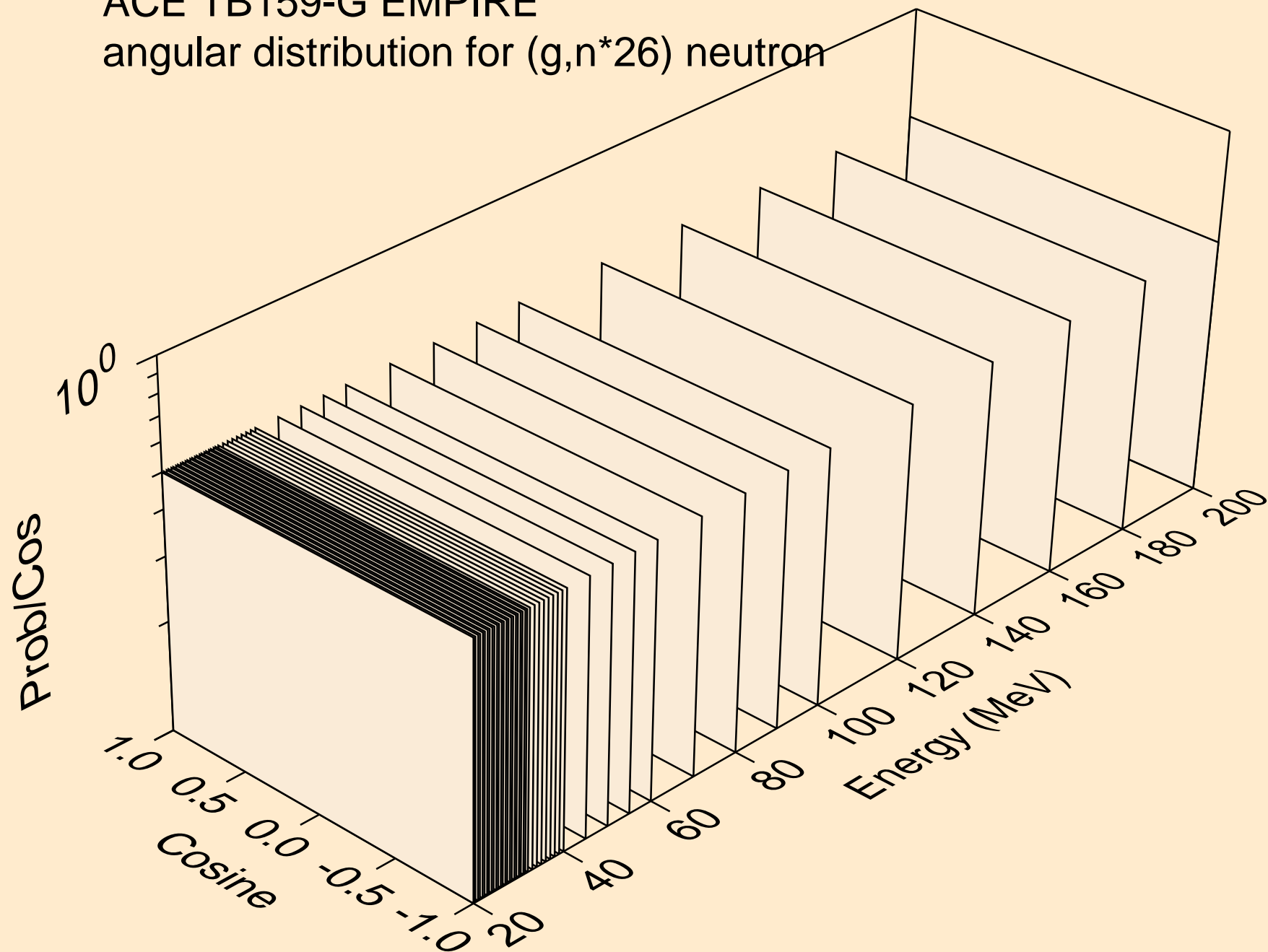
# ACE TB159-G EMPIRE

angular distribution for (g,n\*26) neutron



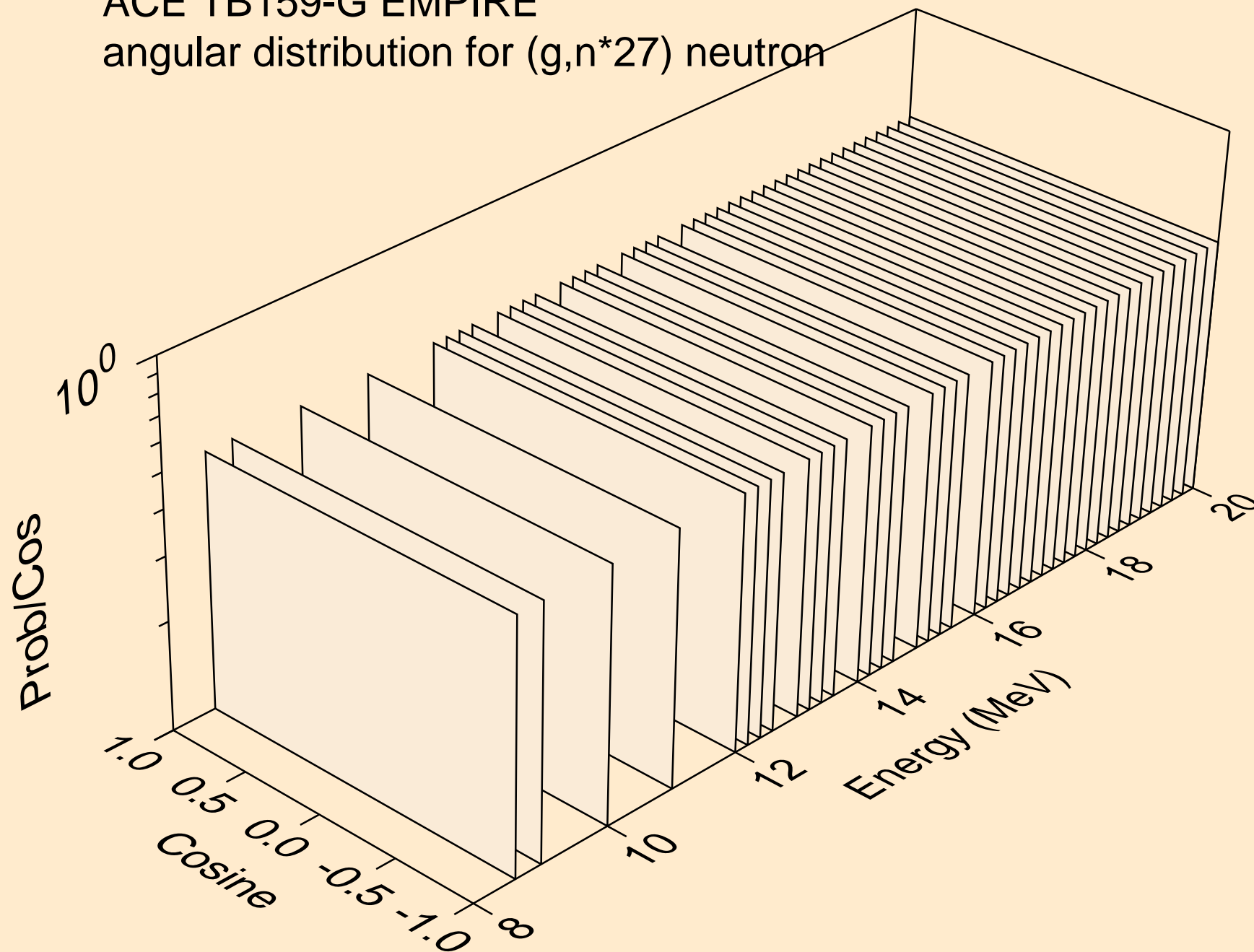
# ACE TB159-G EMPIRE

angular distribution for (g,n\*26) neutron



# ACE TB159-G EMPIRE

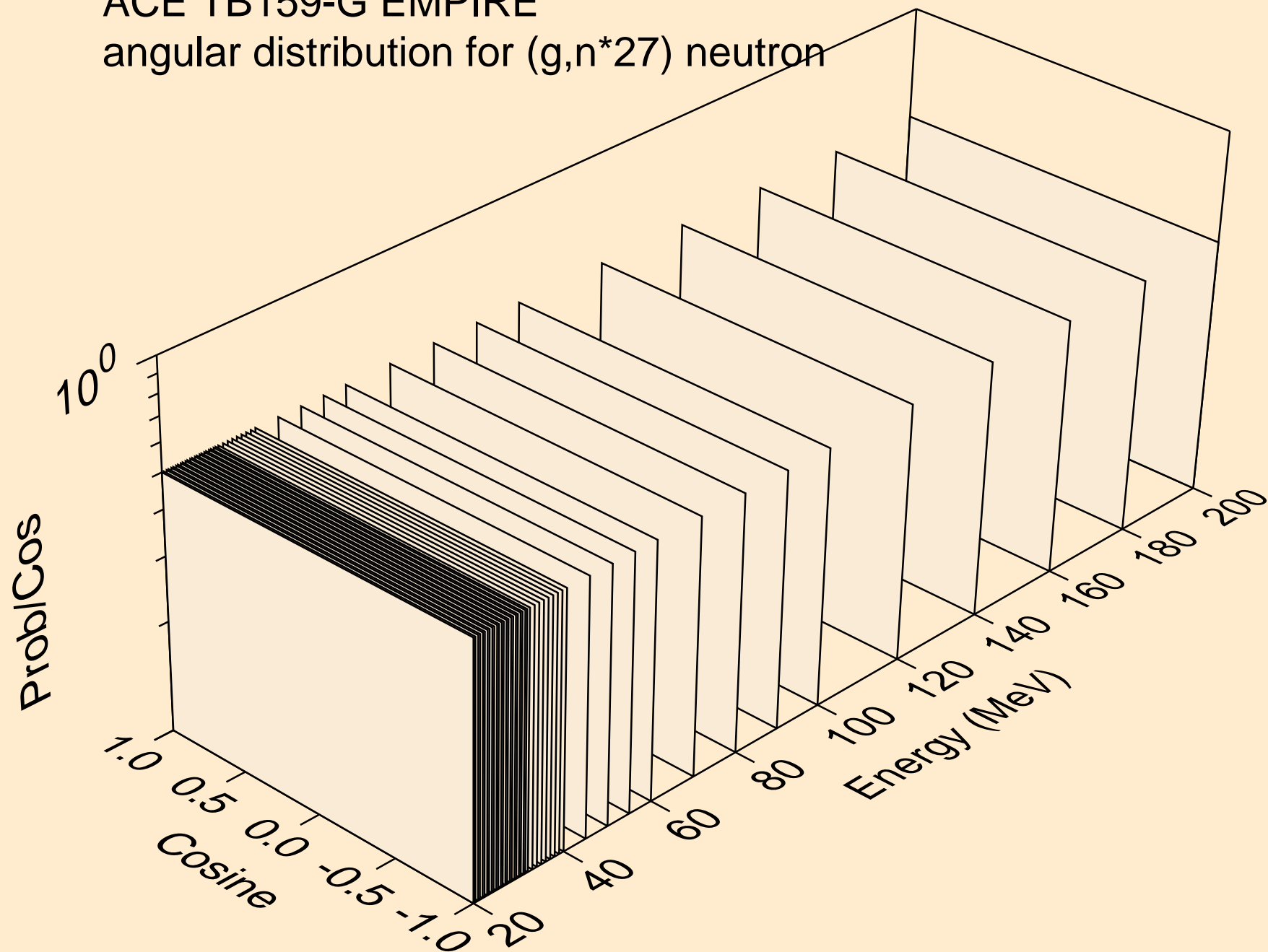
angular distribution for (g,n\*27) neutron



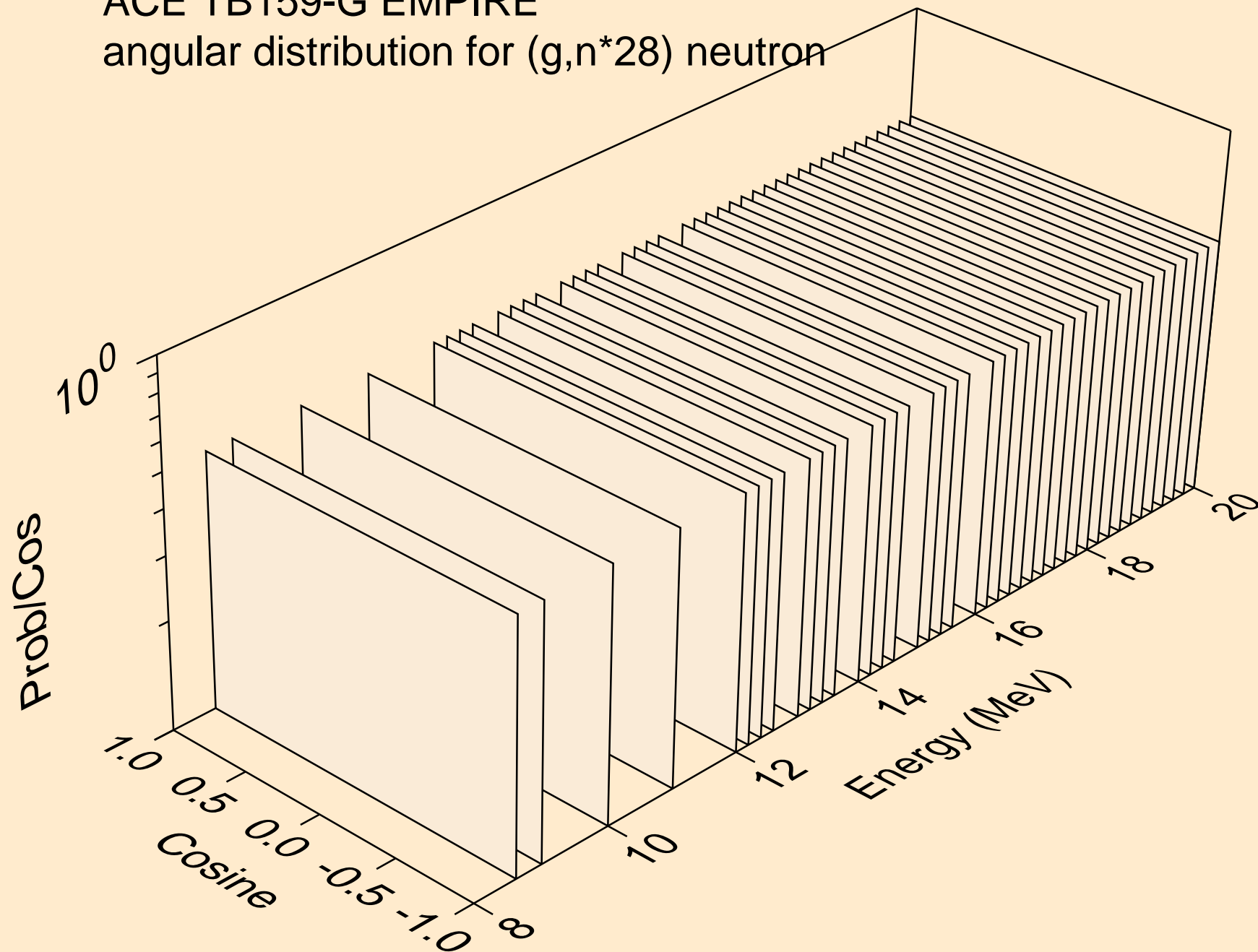


# ACE TB159-G EMPIRE

angular distribution for (g,n\*27) neutron

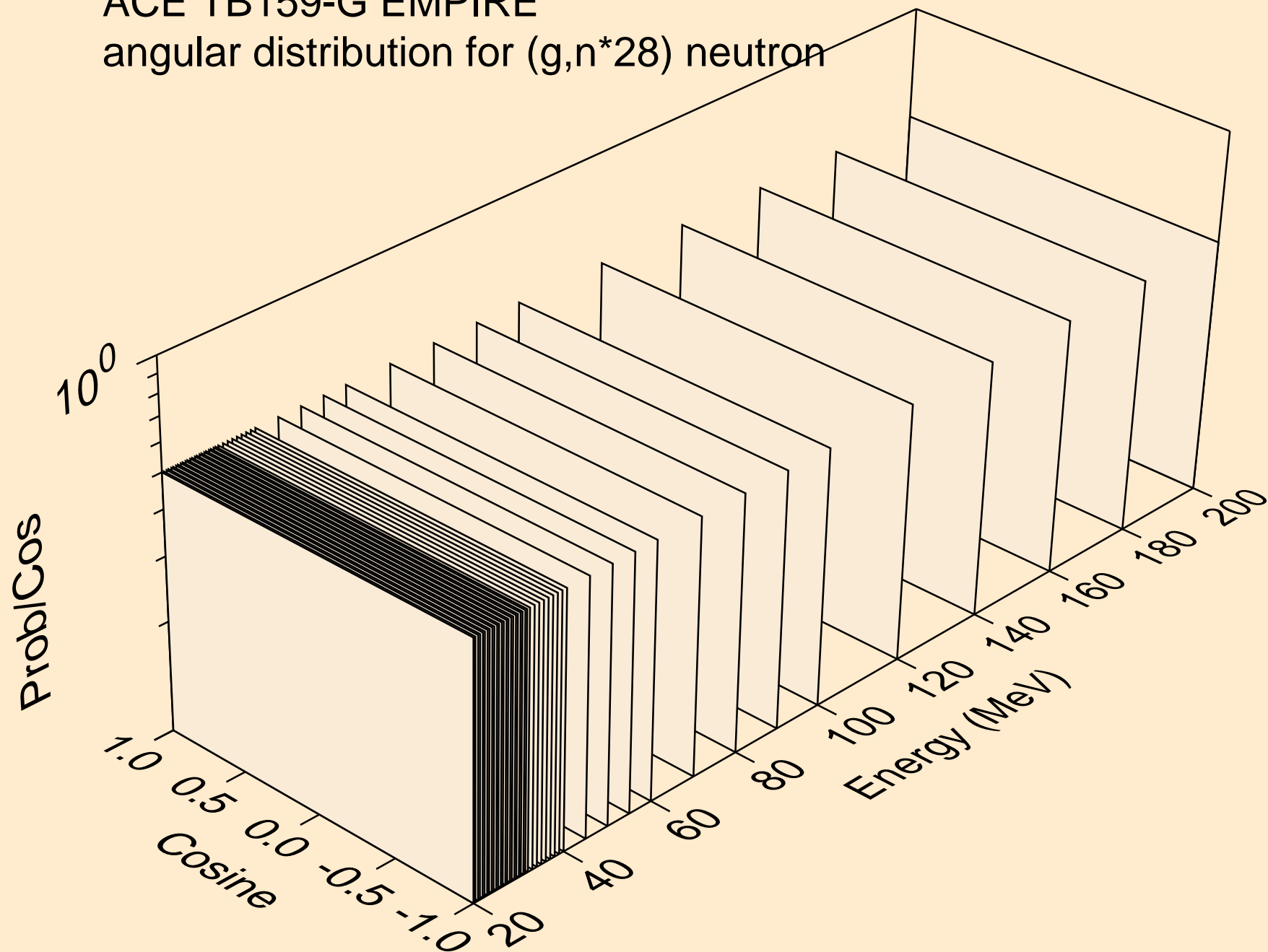


ACE TB159-G EMPIRE  
angular distribution for (g,n\*28) neutron

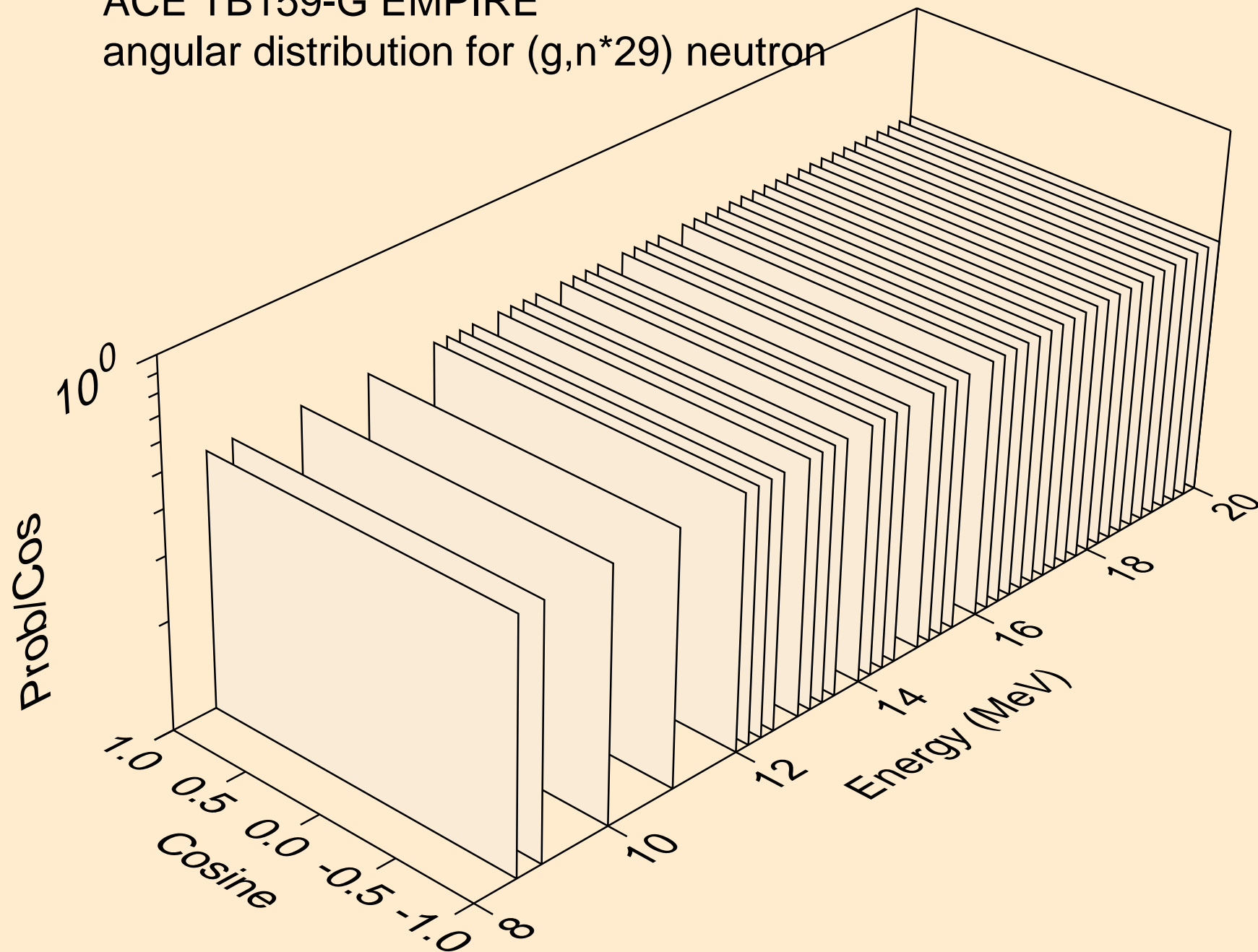


# ACE TB159-G EMPIRE

angular distribution for (g,n\*28) neutron

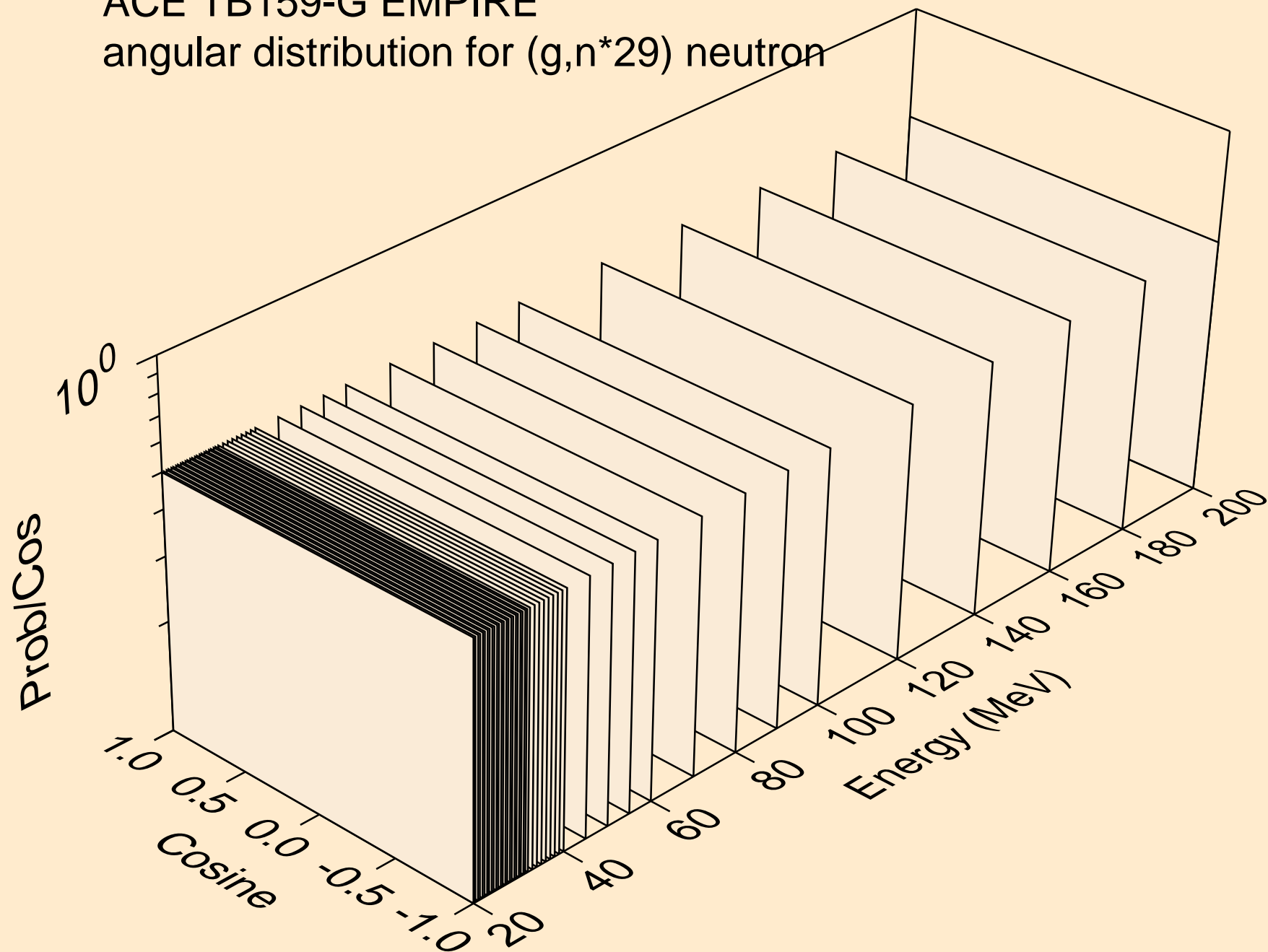


ACE TB159-G EMPIRE  
angular distribution for (g,n\*29) neutron



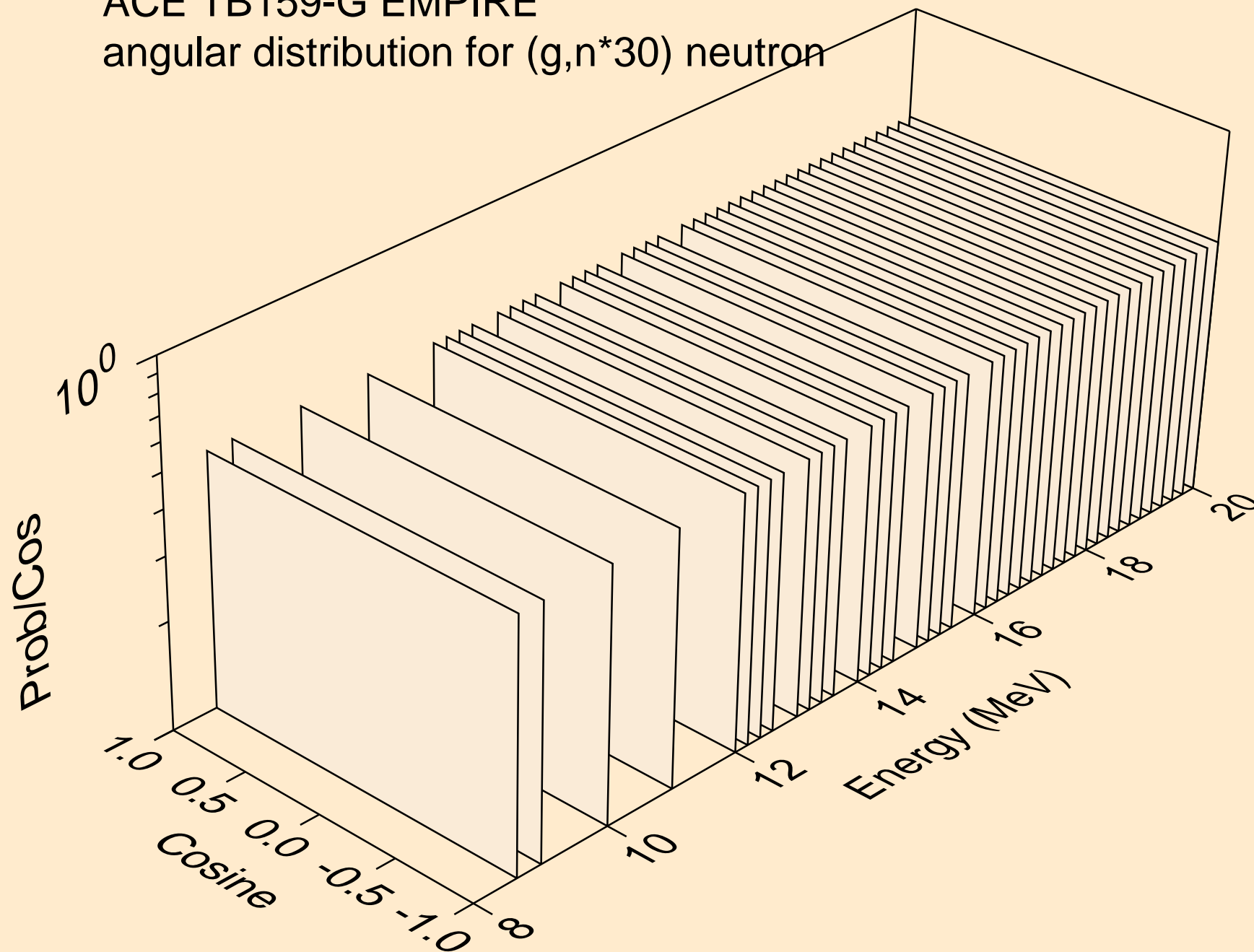
# ACE TB159-G EMPIRE

angular distribution for (g,n\*29) neutron



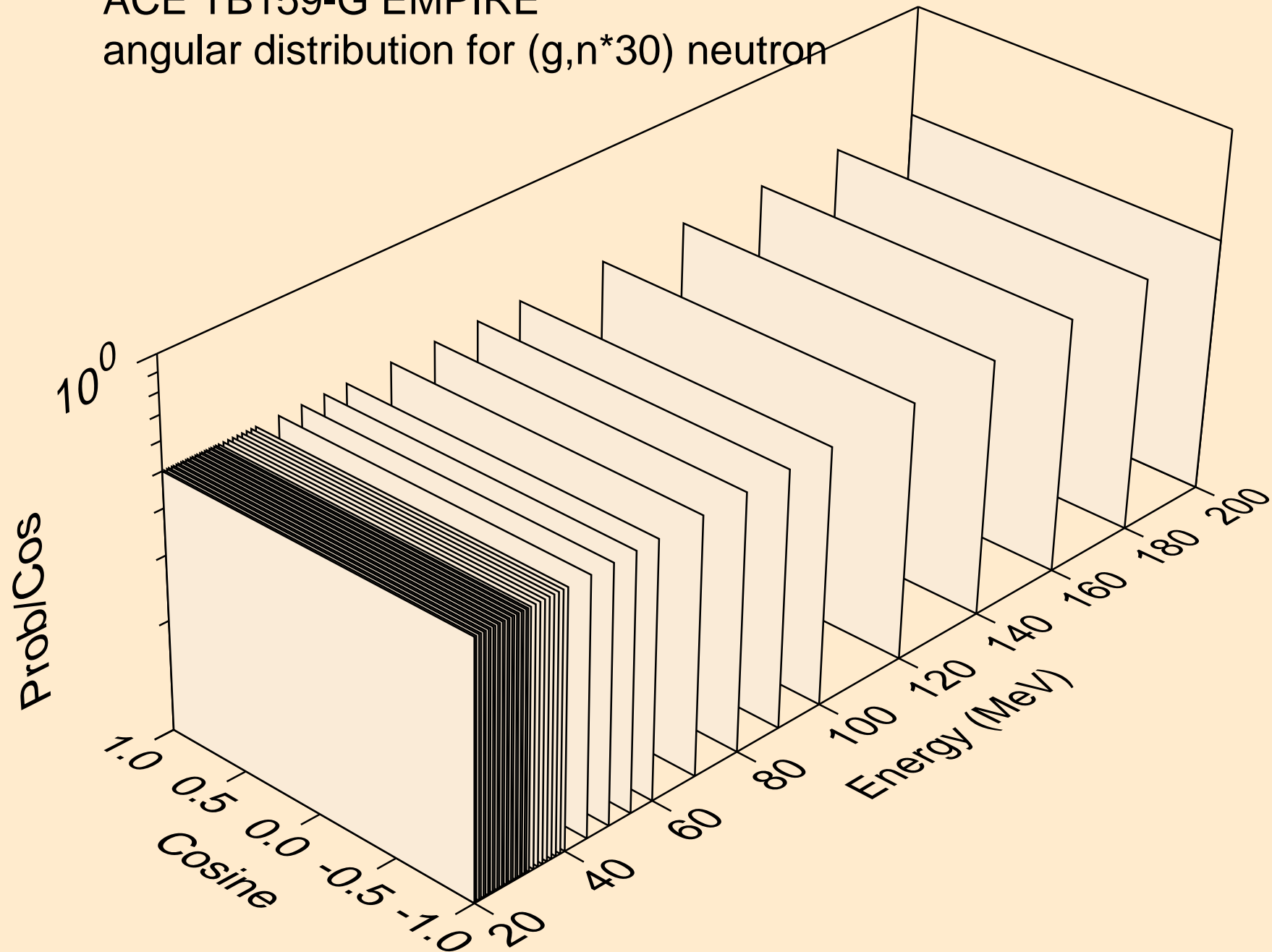
# ACE TB159-G EMPIRE

angular distribution for (g,n\*30) neutron



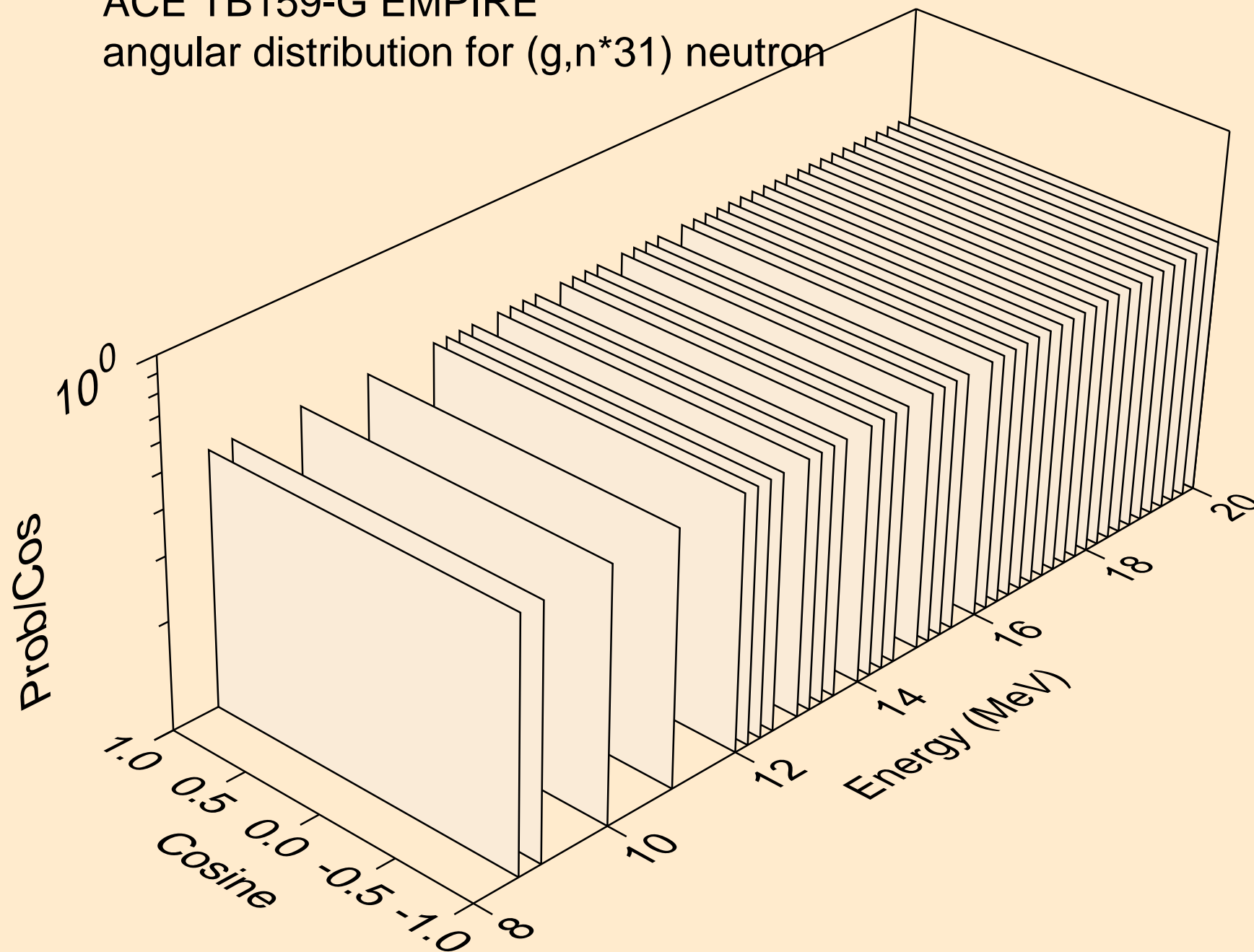
# ACE TB159-G EMPIRE

angular distribution for (g,n\*30) neutron



# ACE TB159-G EMPIRE

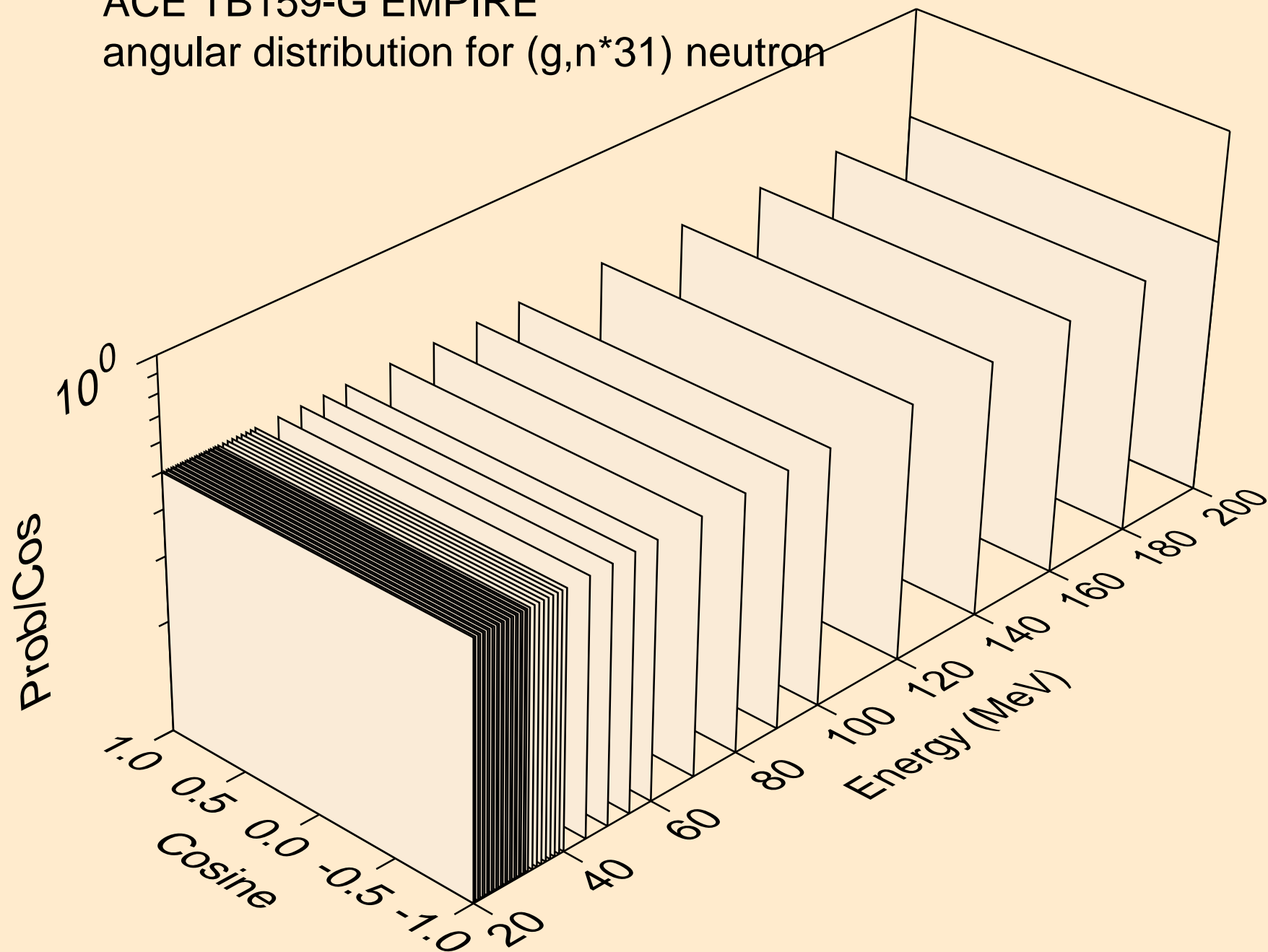
angular distribution for (g,n\*31) neutron





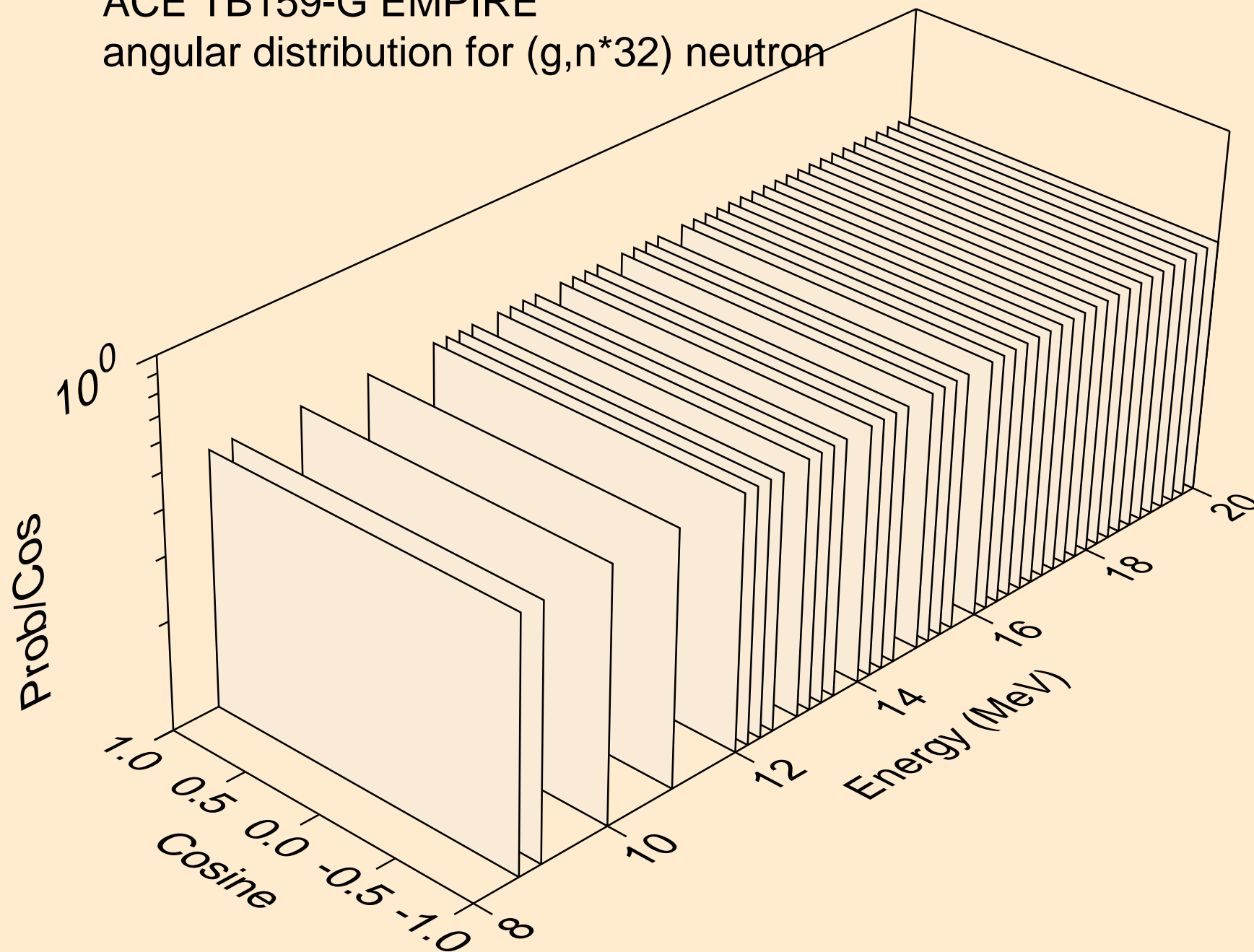
# ACE TB159-G EMPIRE

angular distribution for (g,n\*31) neutron



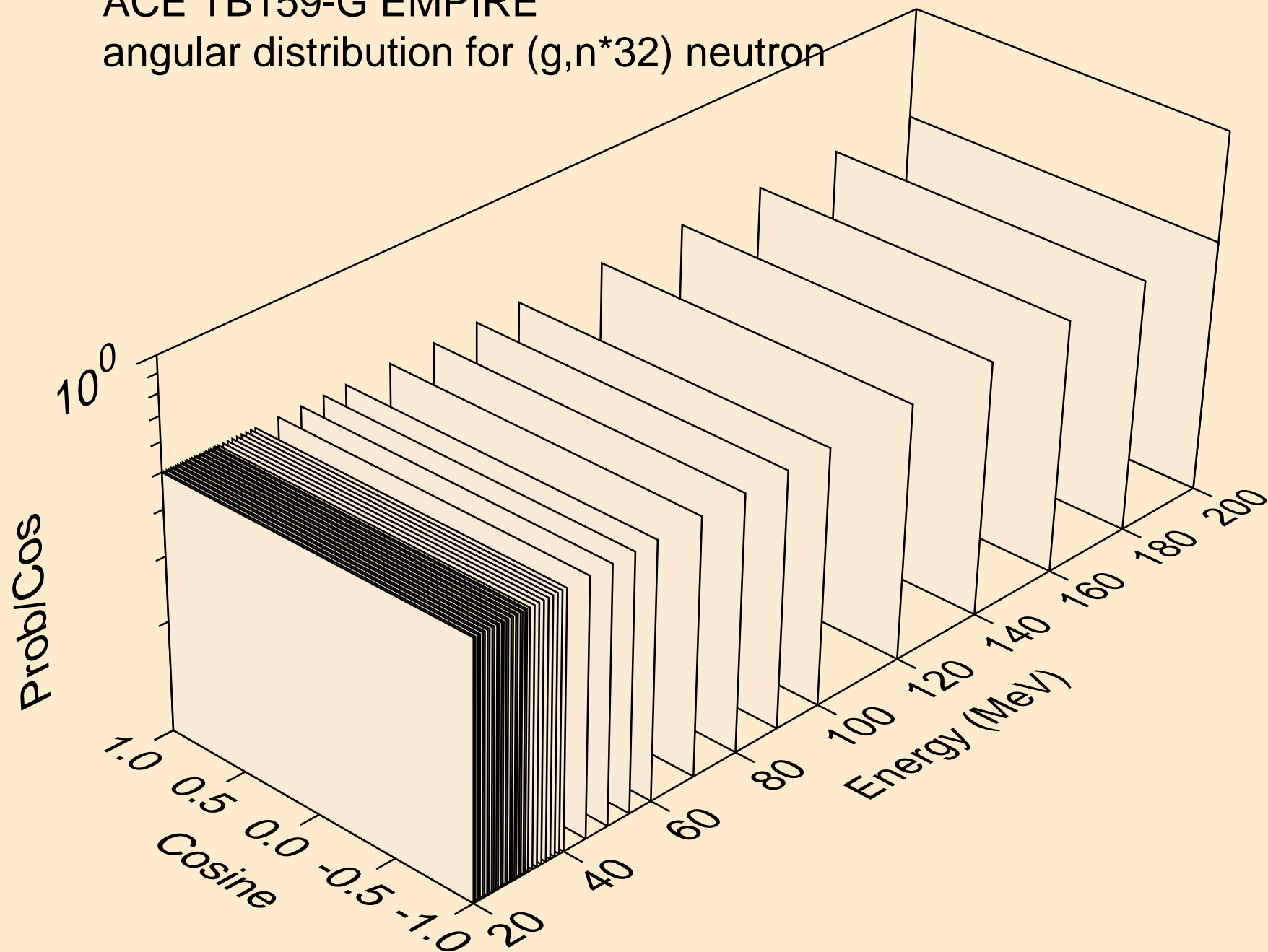
# ACE TB159-G EMPIRE

angular distribution for (g,n\*32) neutron



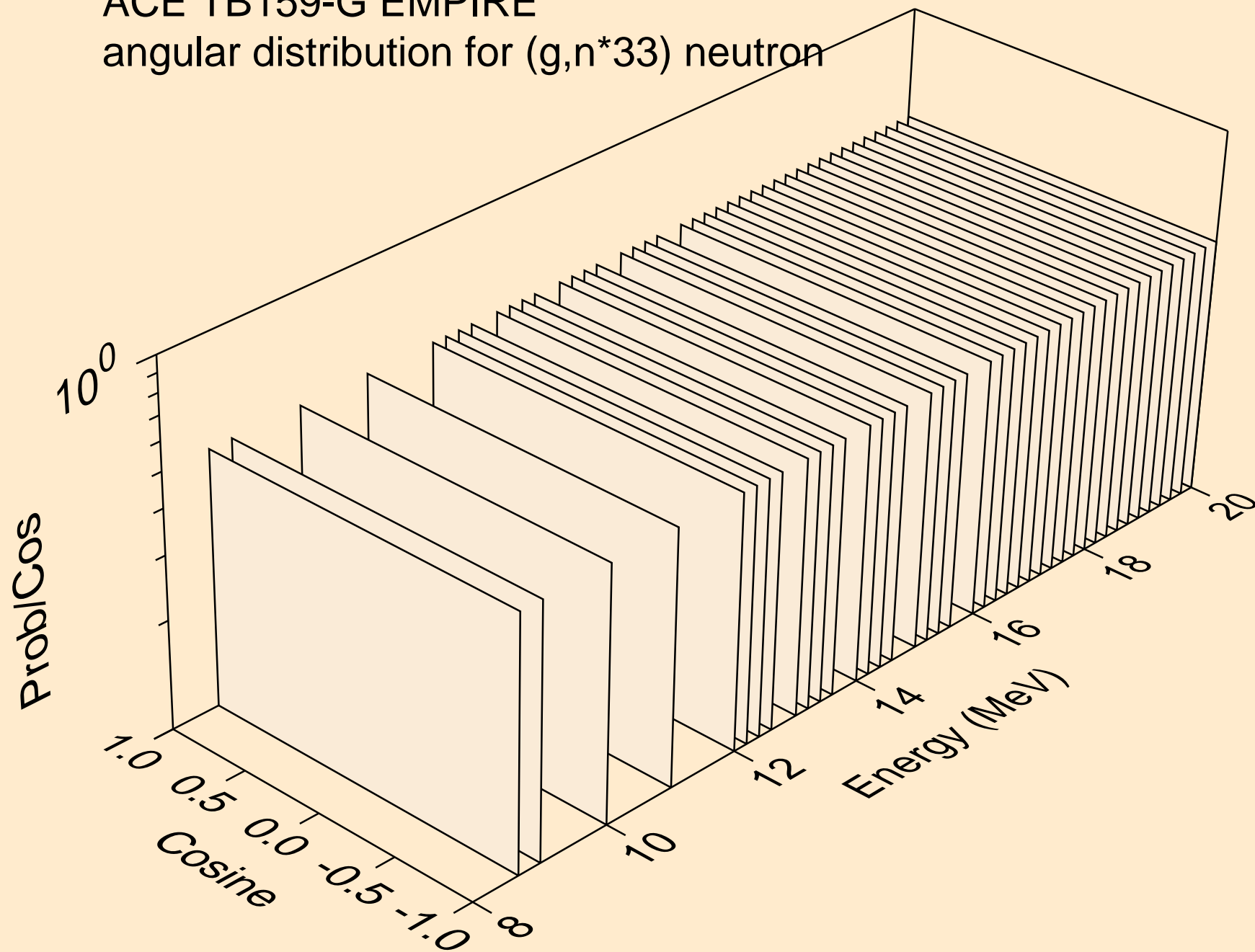
# ACE TB159-G EMPIRE

angular distribution for (g,n\*32) neutron



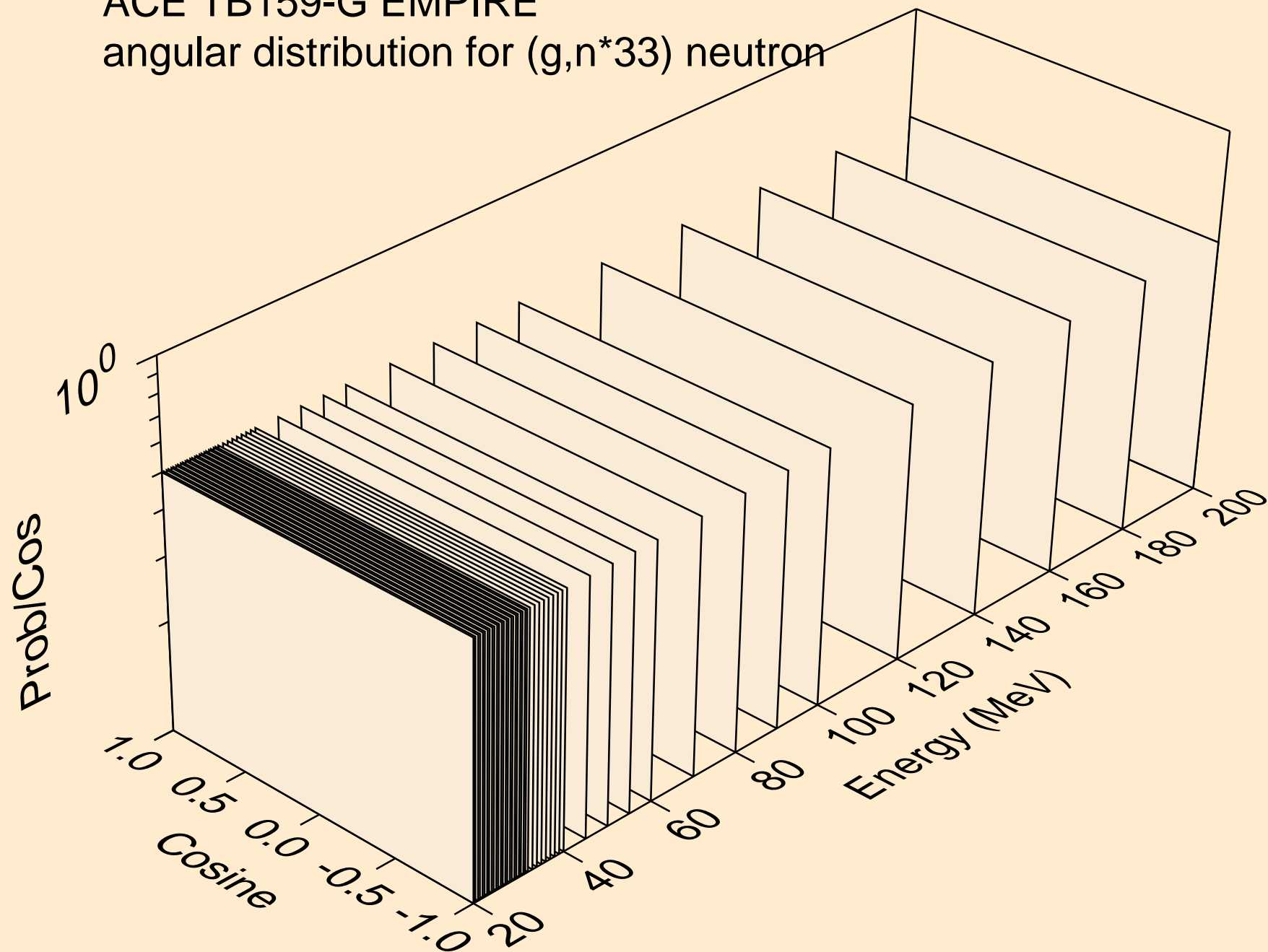
# ACE TB159-G EMPIRE

angular distribution for (g,n\*33) neutron



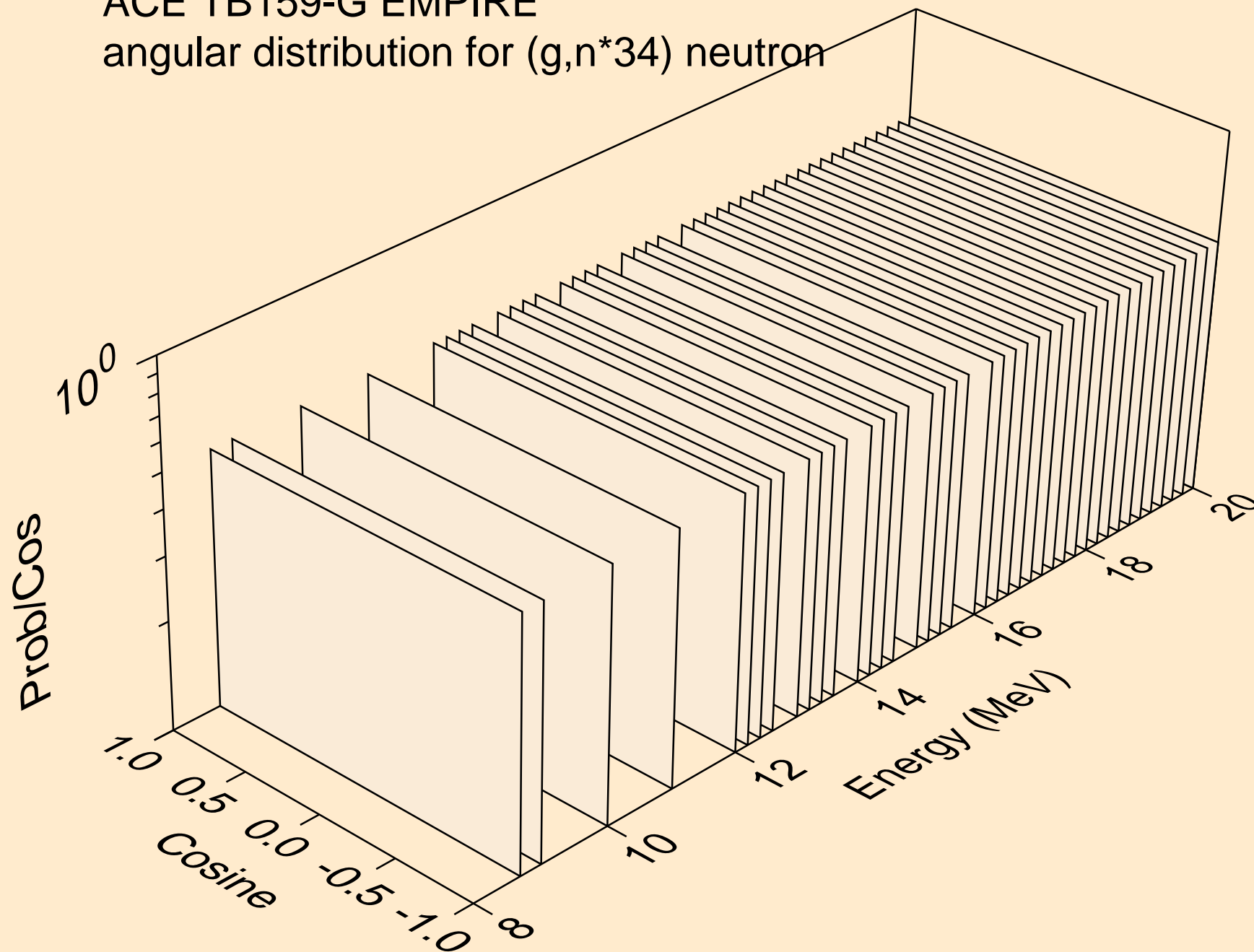
# ACE TB159-G EMPIRE

angular distribution for (g,n\*33) neutron



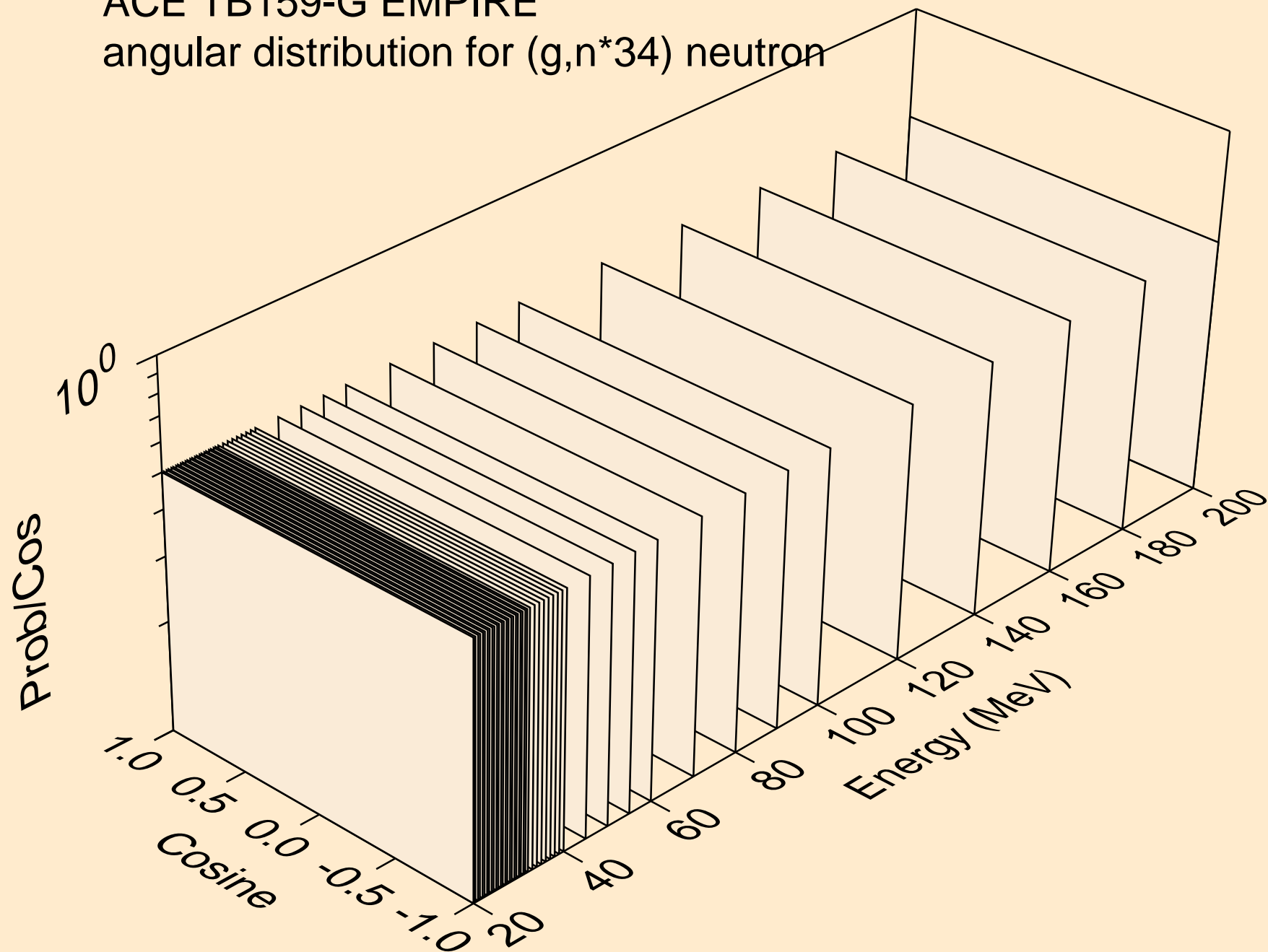
# ACE TB159-G EMPIRE

angular distribution for (g,n\*34) neutron



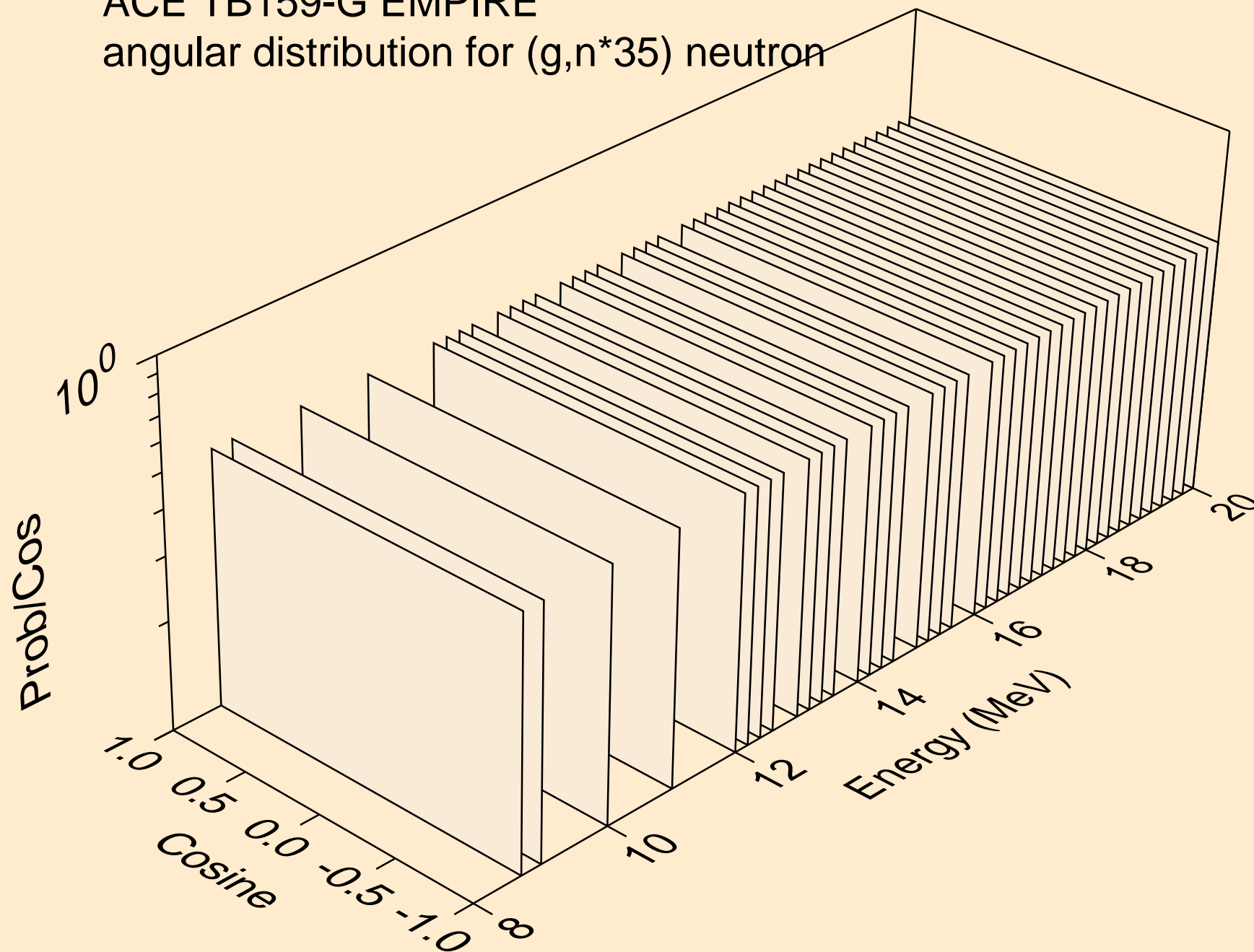
# ACE TB159-G EMPIRE

angular distribution for (g,n\*34) neutron



# ACE TB159-G EMPIRE

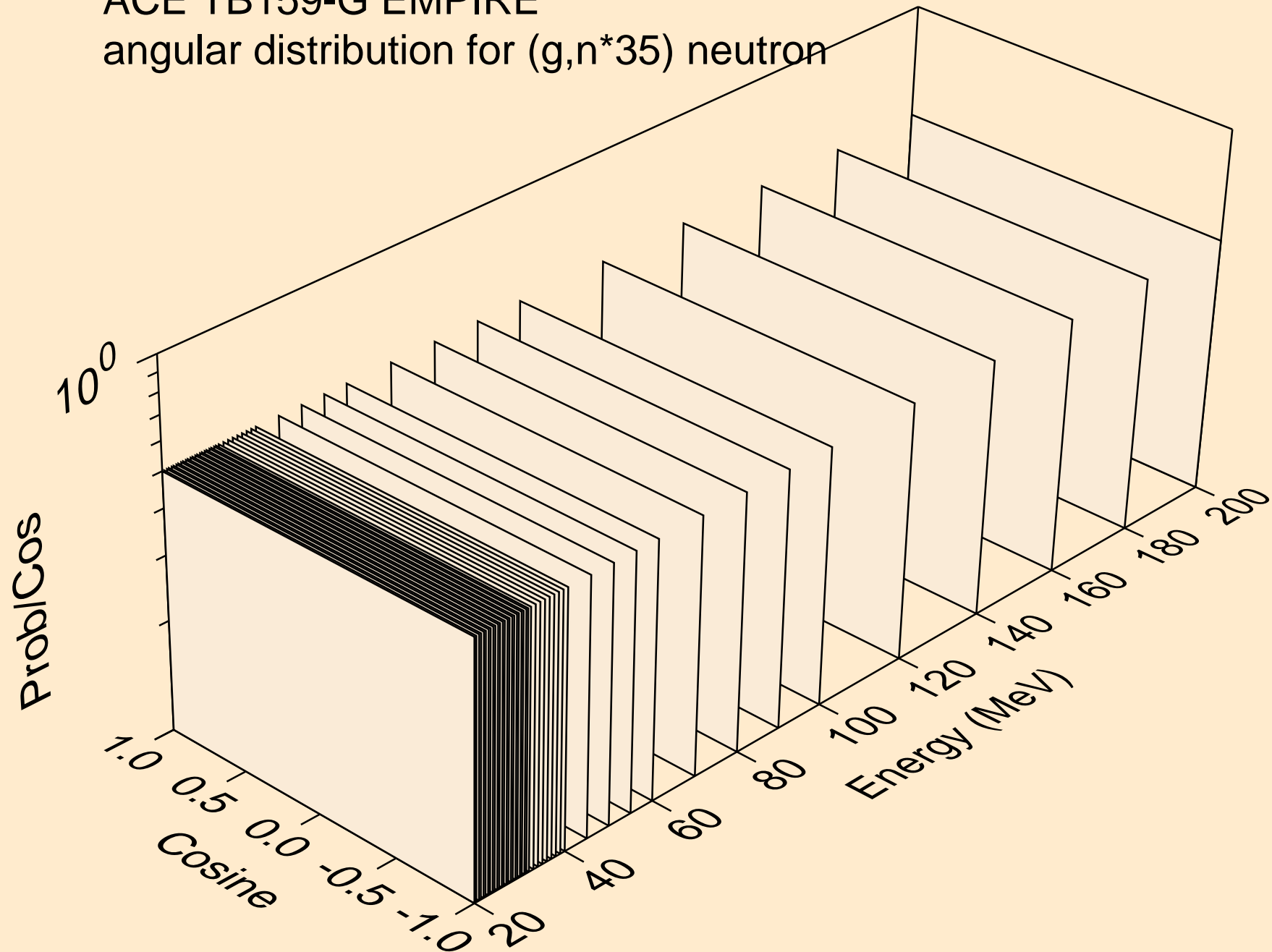
angular distribution for (g,n\*35) neutron





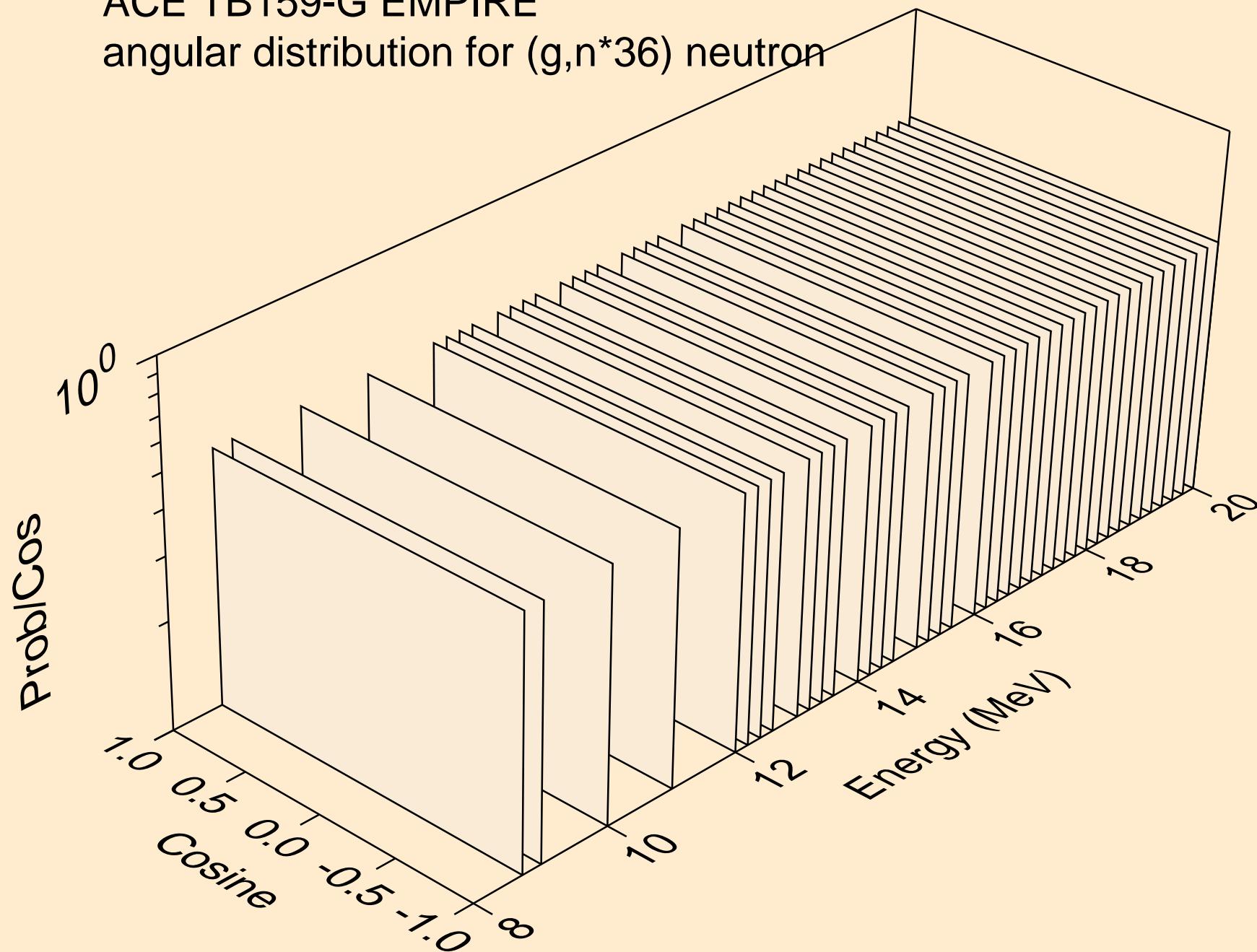
# ACE TB159-G EMPIRE

angular distribution for (g,n\*35) neutron



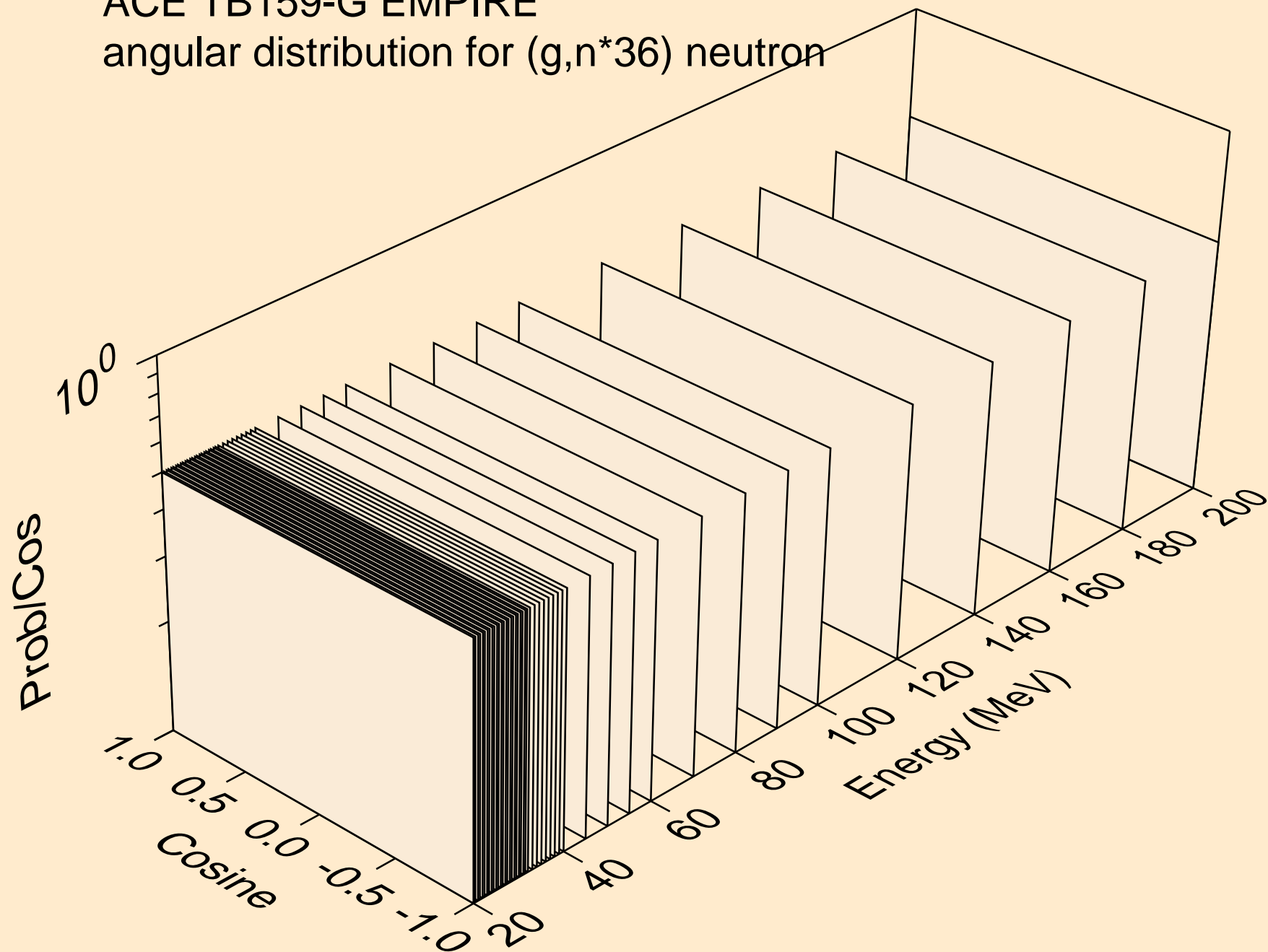
# ACE TB159-G EMPIRE

angular distribution for (g,n\*36) neutron



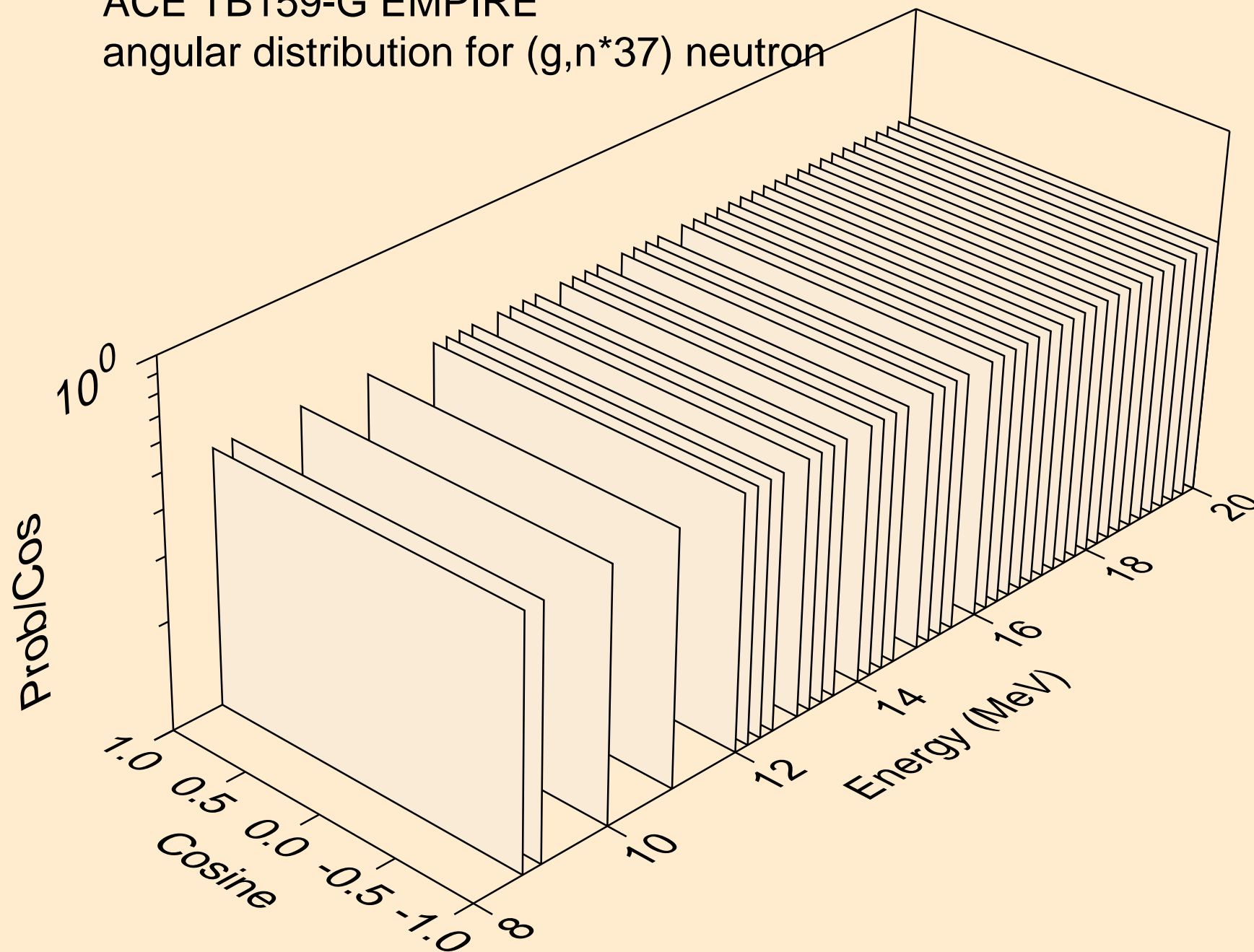
# ACE TB159-G EMPIRE

angular distribution for (g,n\*36) neutron



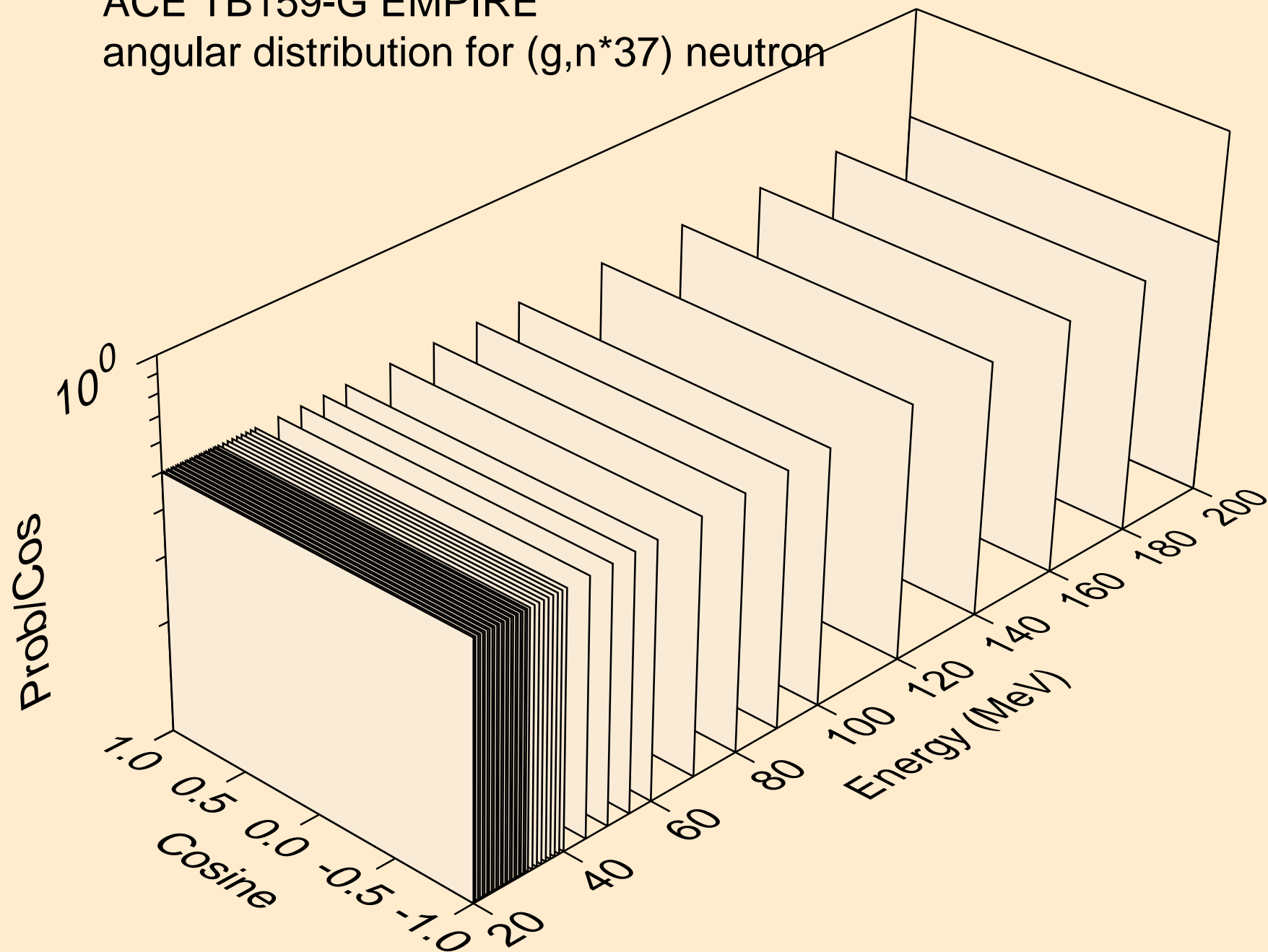
# ACE TB159-G EMPIRE

angular distribution for (g,n\*37) neutron



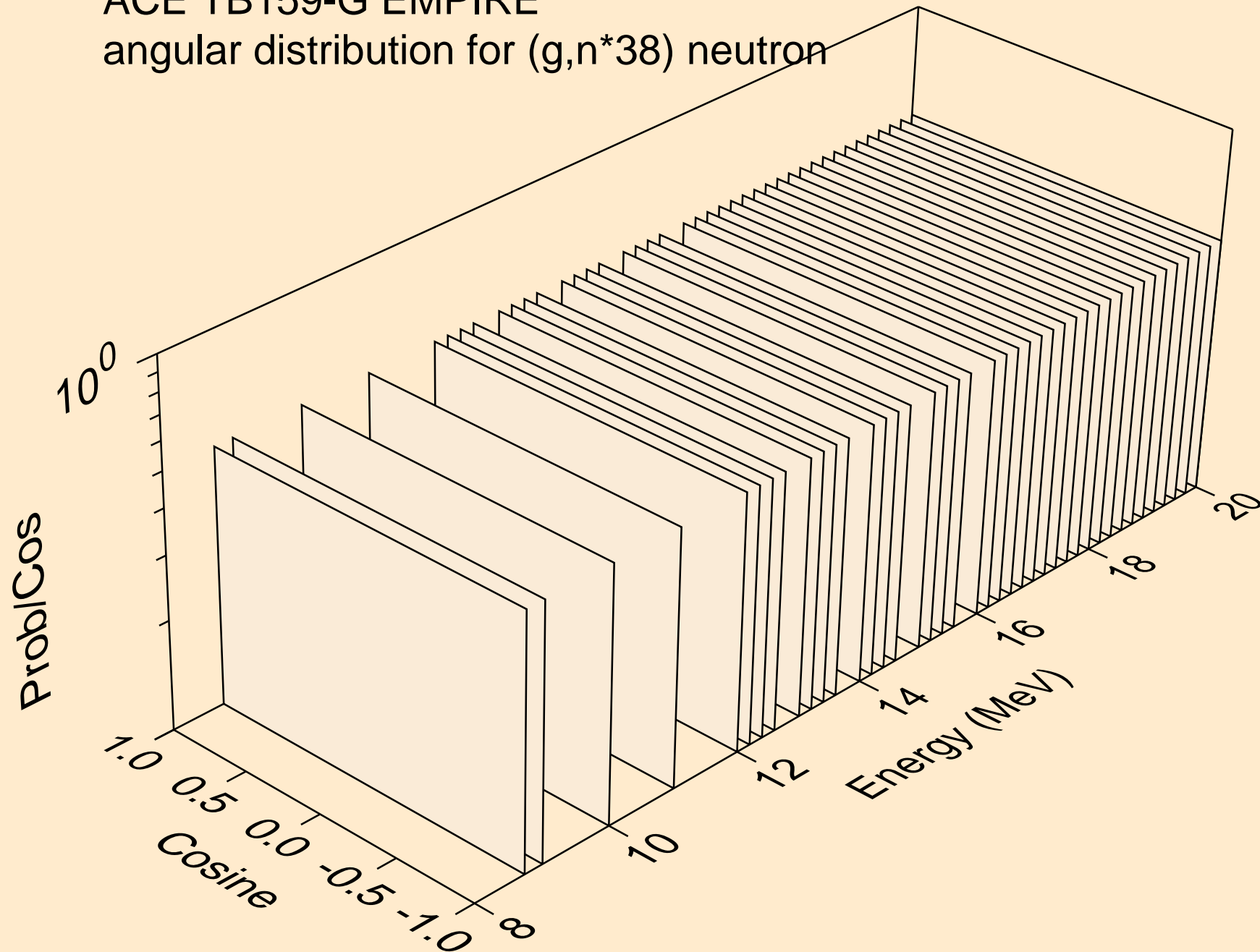
# ACE TB159-G EMPIRE

angular distribution for (g,n\*37) neutron



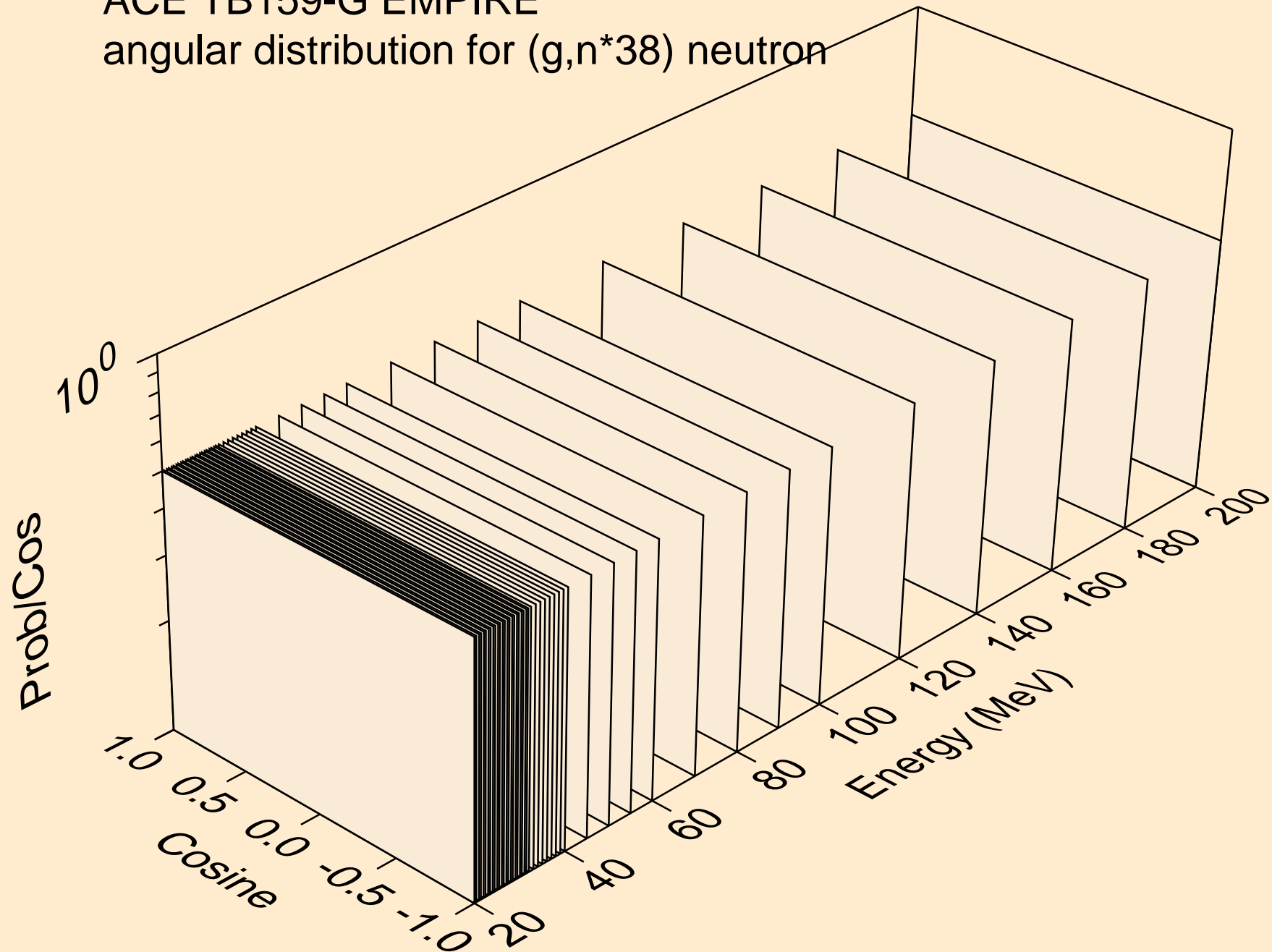
# ACE TB159-G EMPIRE

angular distribution for (g,n\*38) neutron



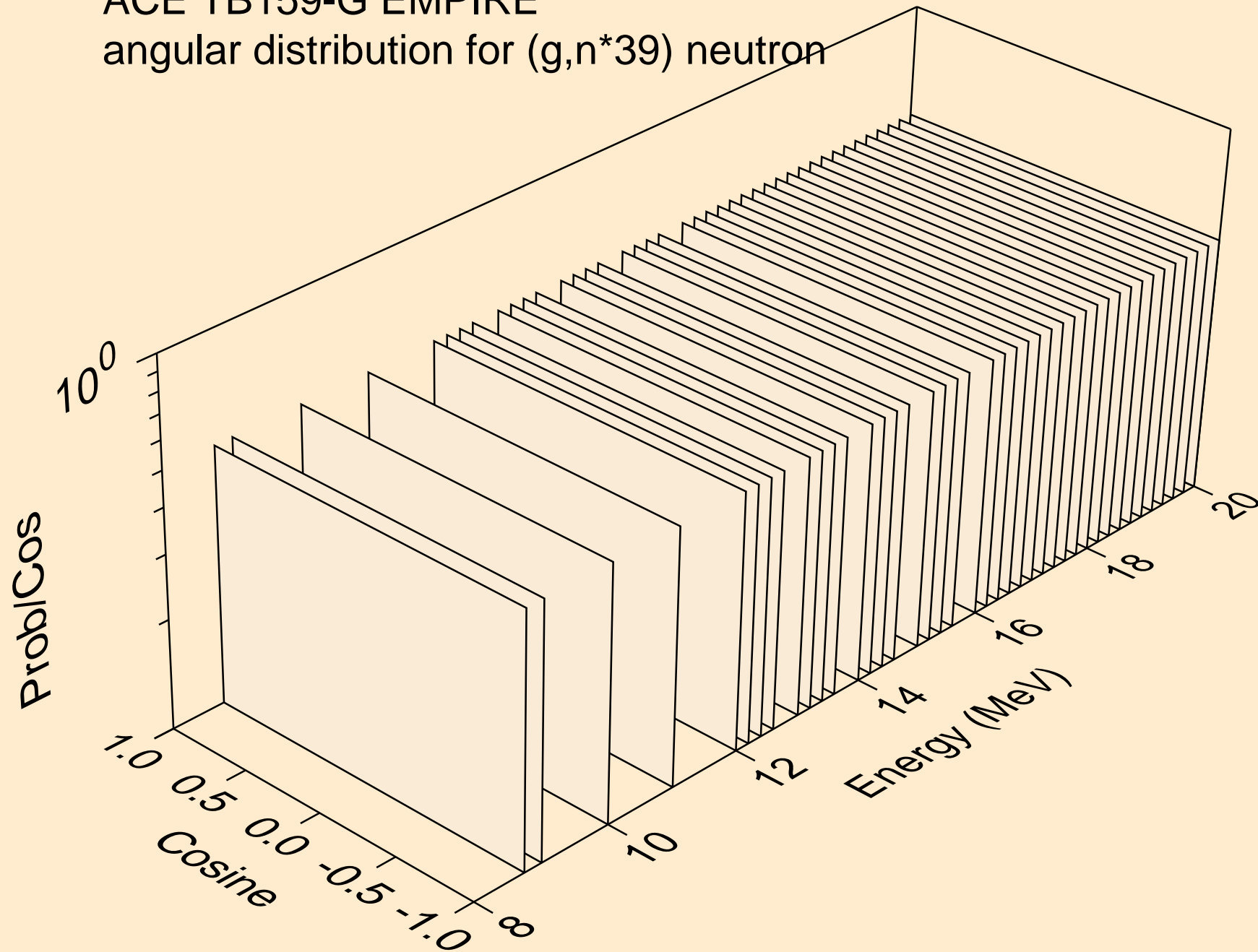
# ACE TB159-G EMPIRE

angular distribution for (g,n\*38) neutron



# ACE TB159-G EMPIRE

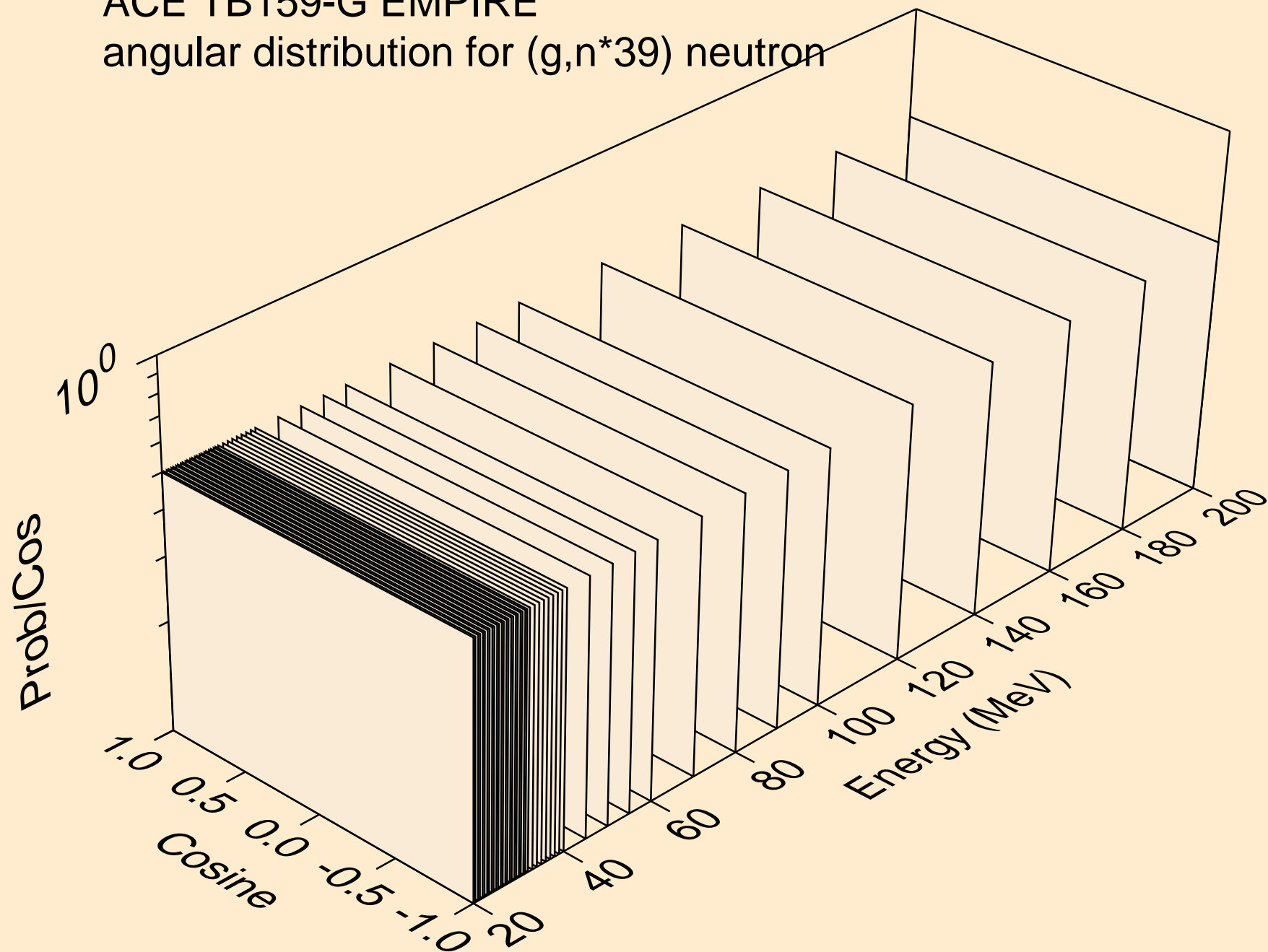
angular distribution for (g,n\*39) neutron





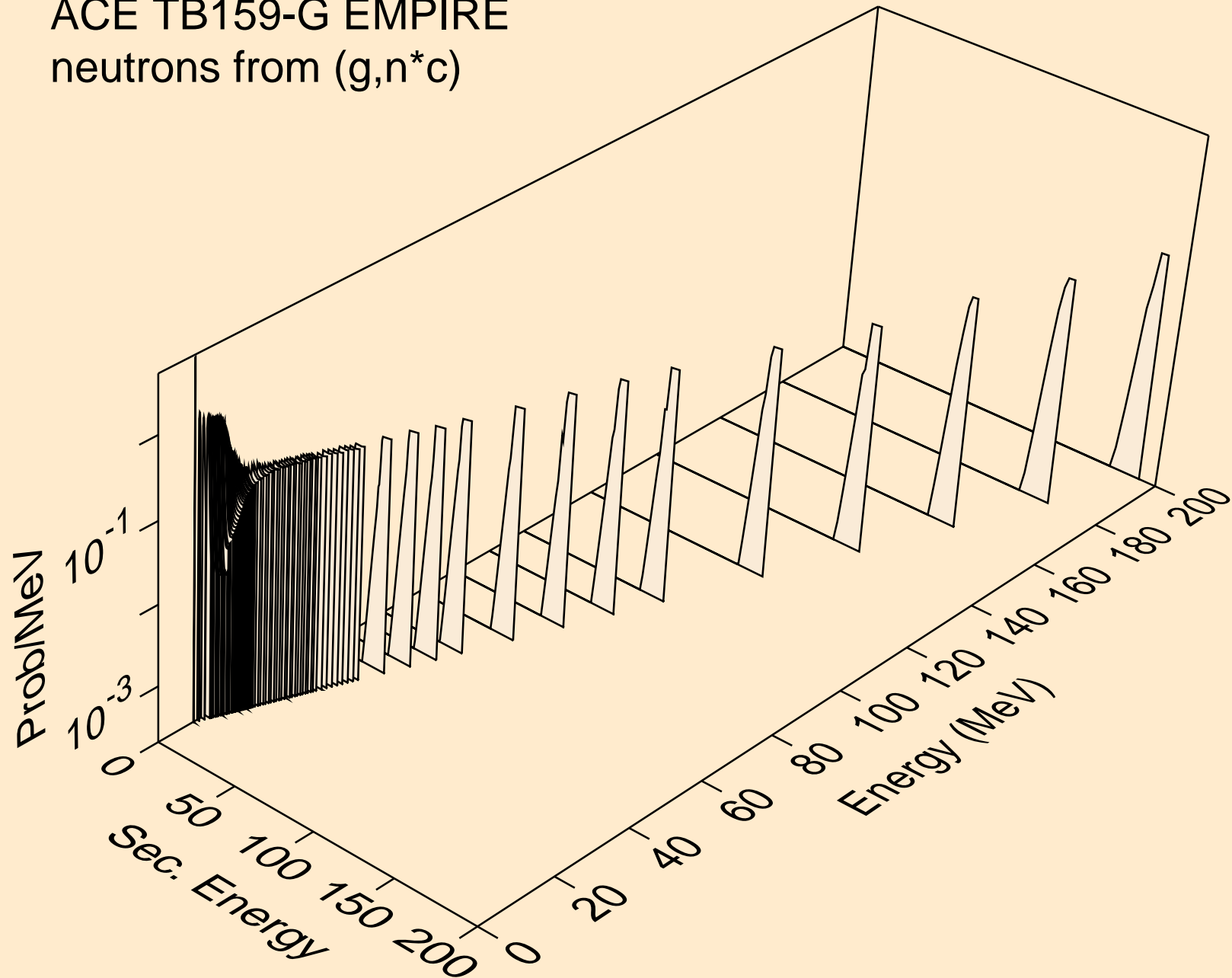
# ACE TB159-G EMPIRE

angular distribution for (g,n\*39) neutron

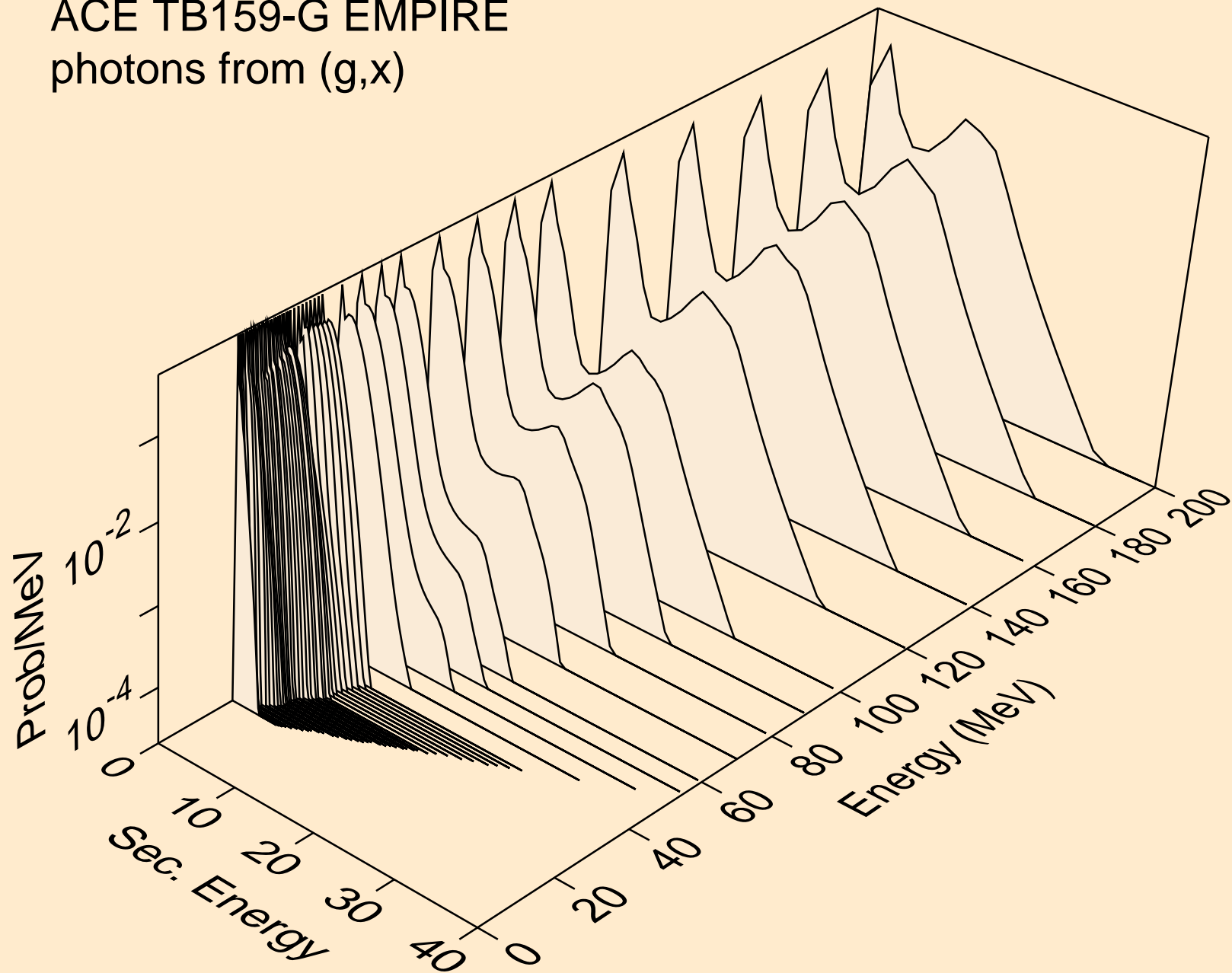


# ACE TB159-G EMPIRE

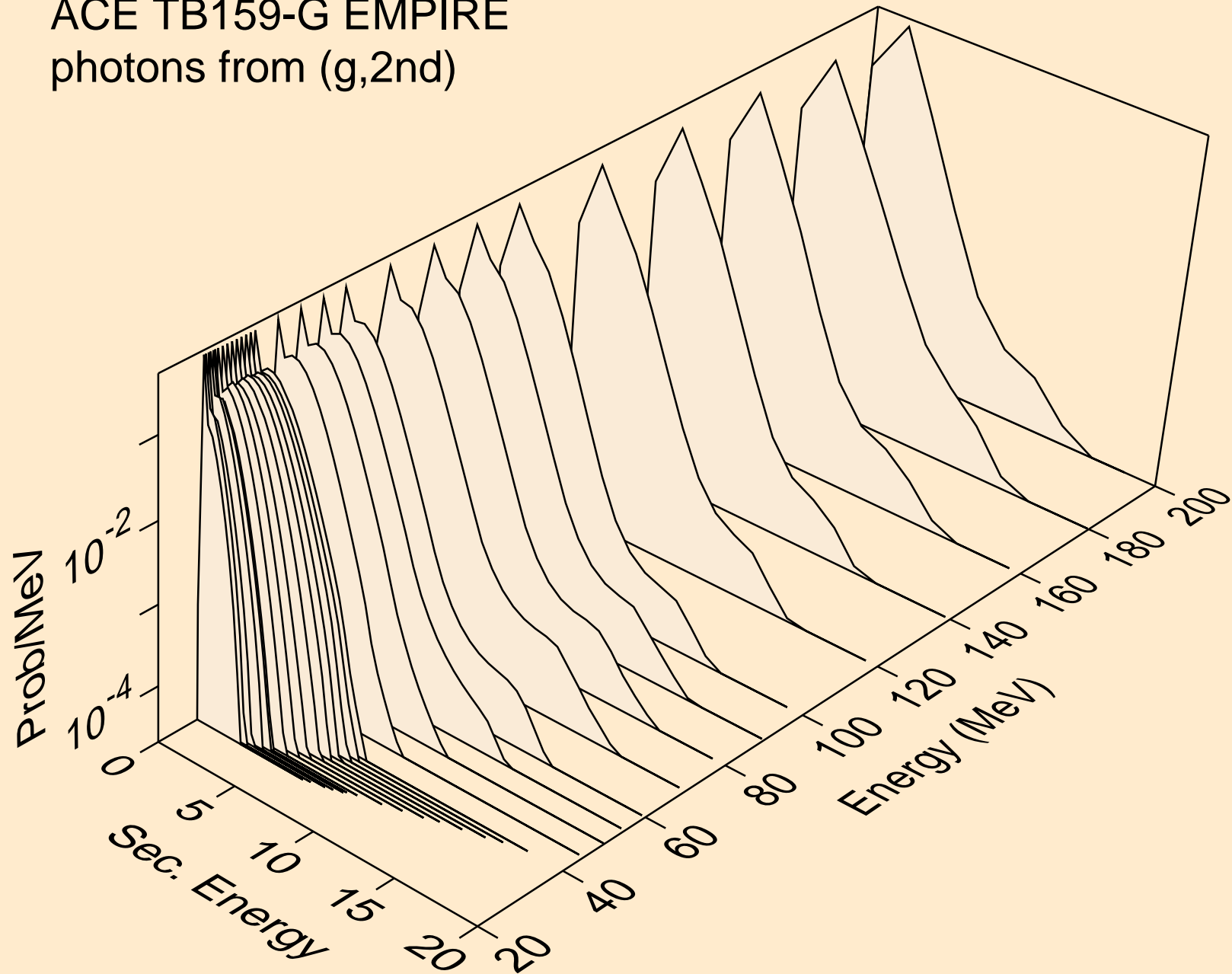
neutrons from (g,n\*c)



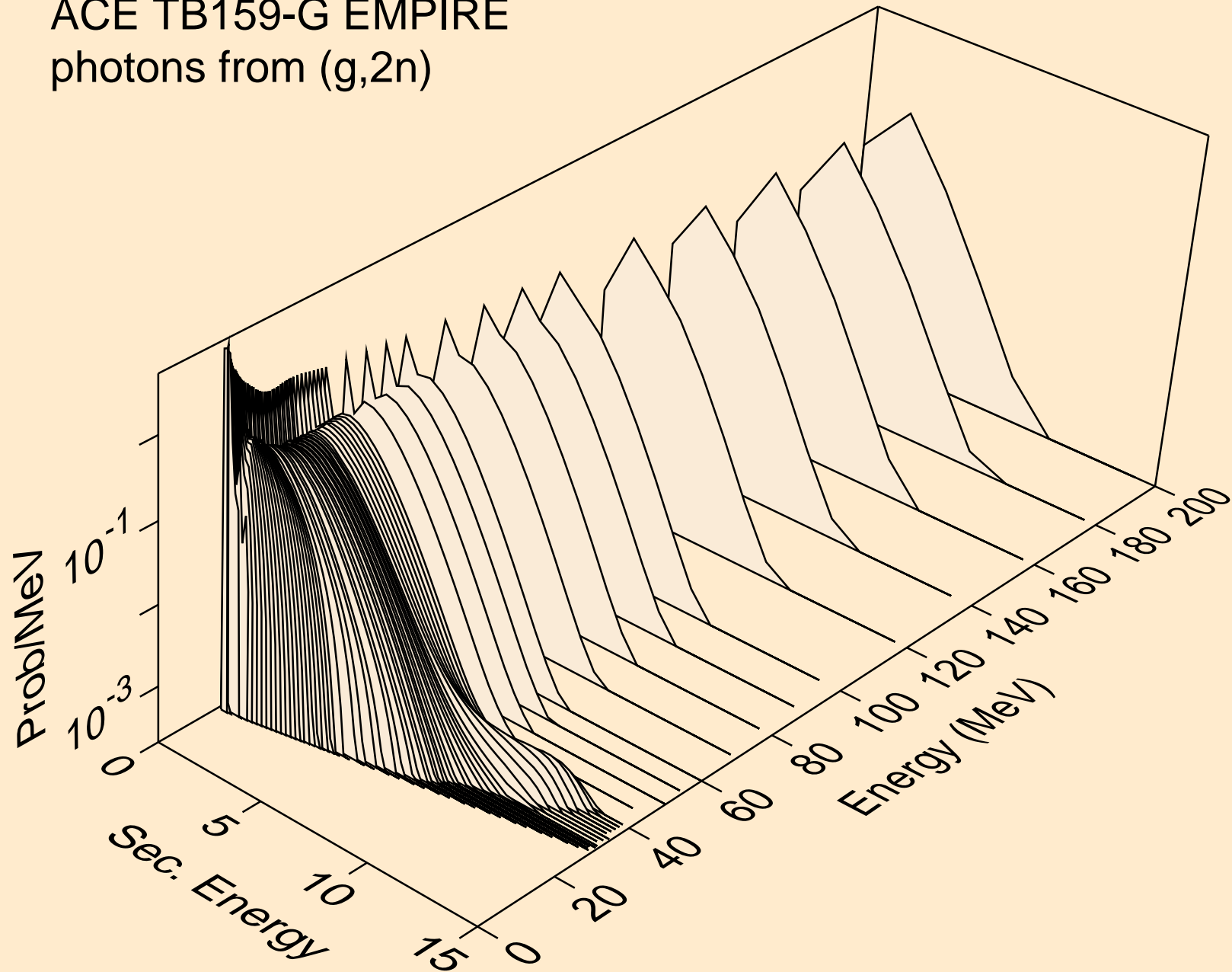
ACE TB159-G EMPIRE  
photons from (g,x)



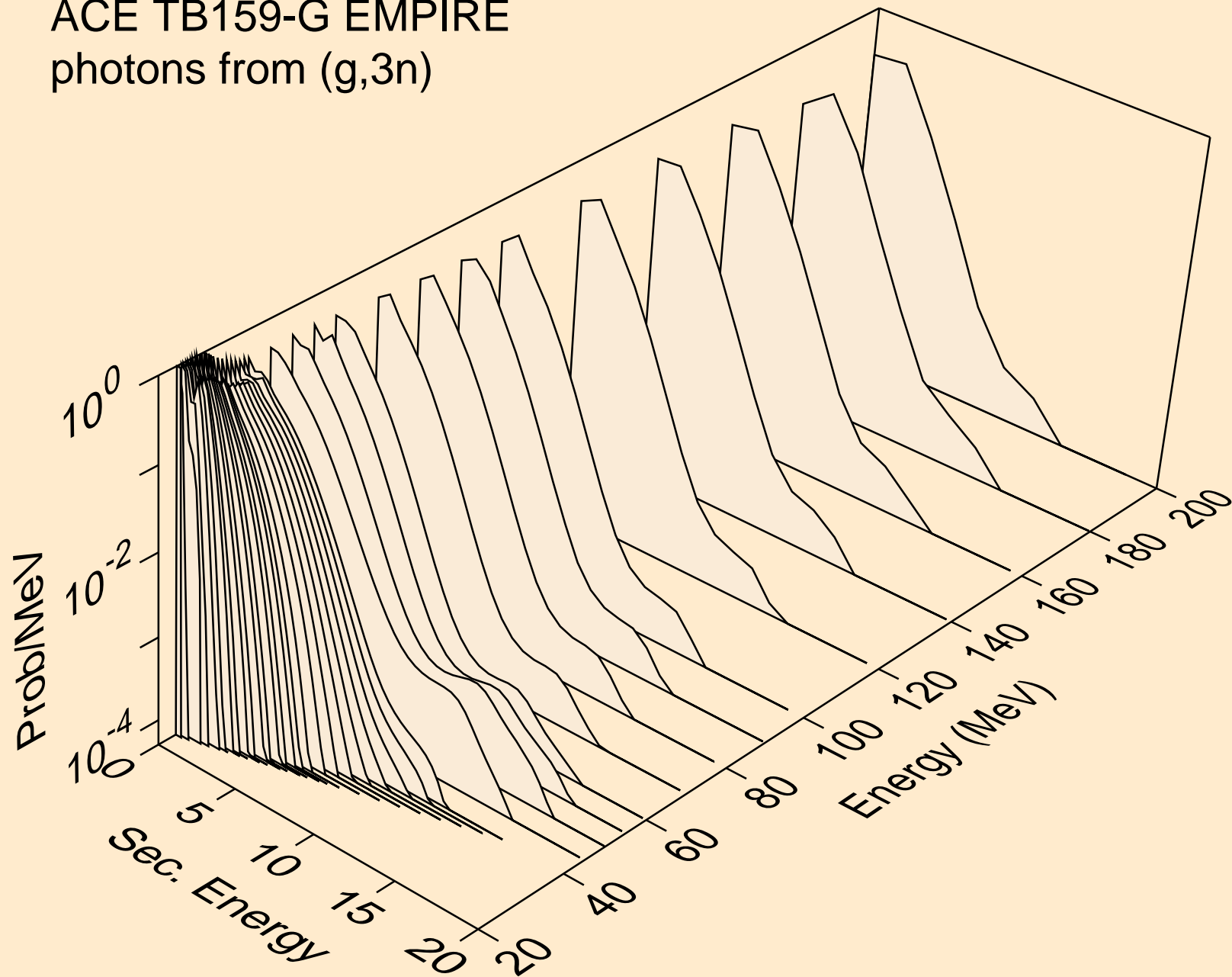
ACE TB159-G EMPIRE  
photons from (g,2nd)



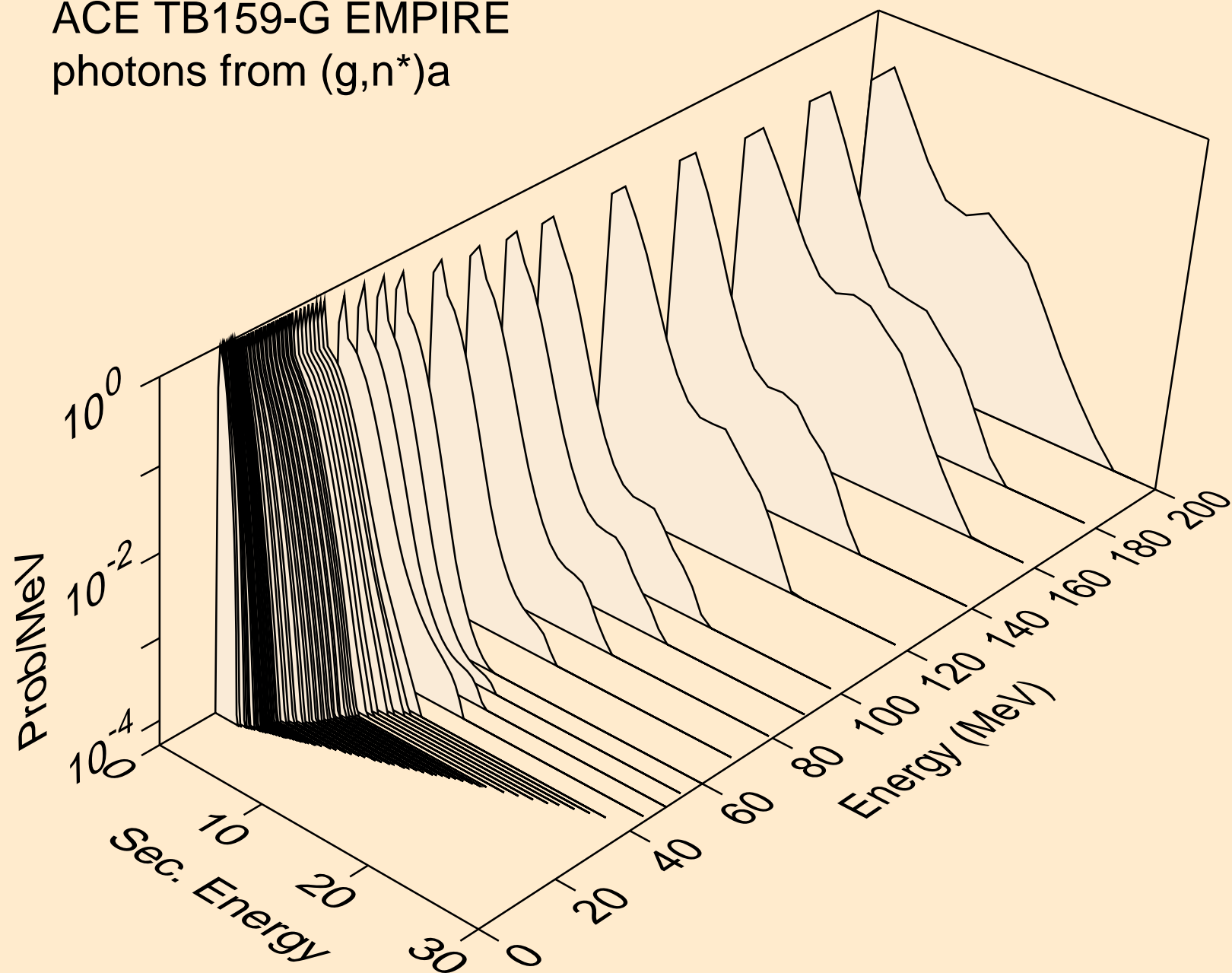
ACE TB159-G EMPIRE  
photons from (g,2n)



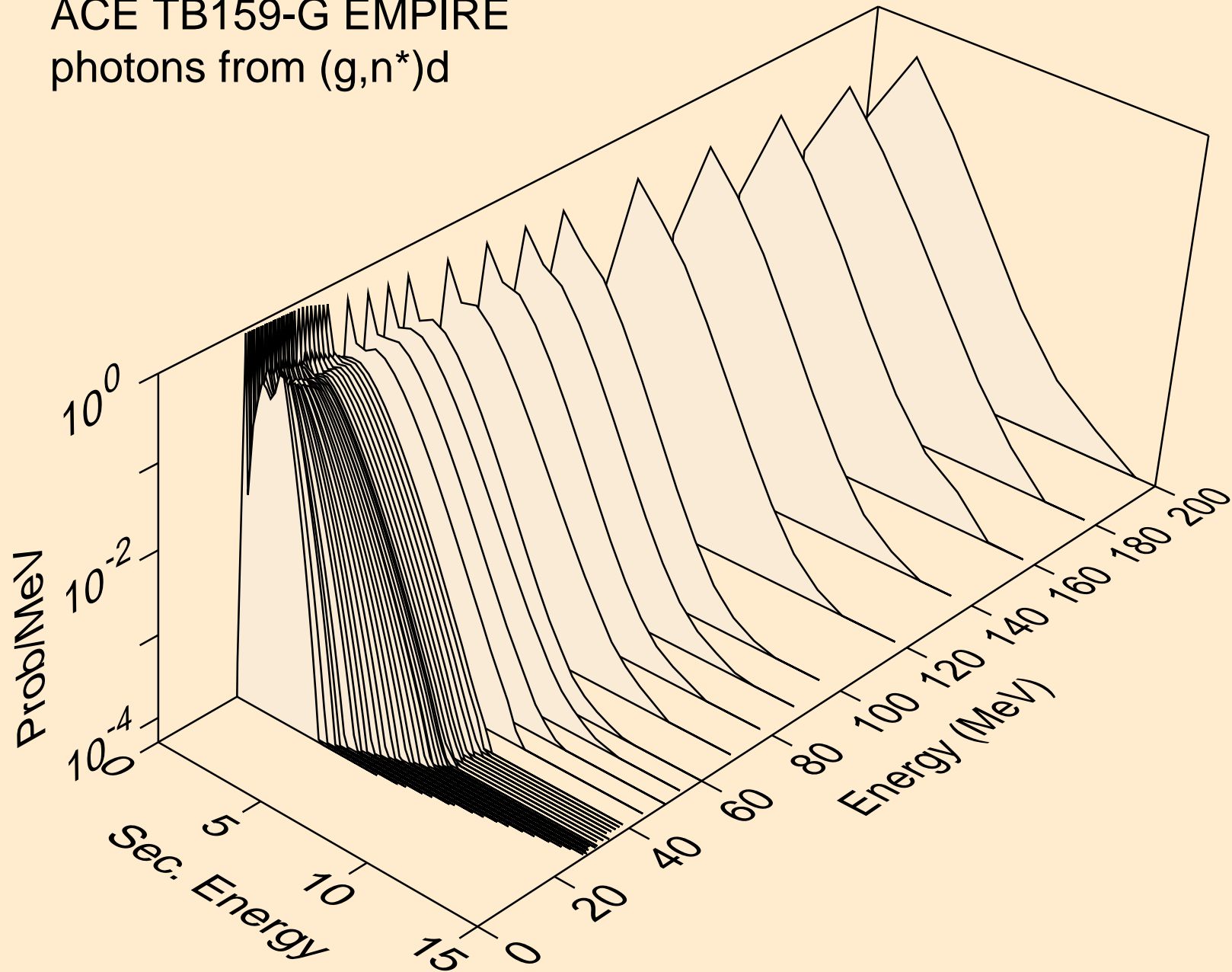
ACE TB159-G EMPIRE  
photons from (g,3n)



ACE TB159-G EMPIRE  
photons from  $(g,n^*)a$

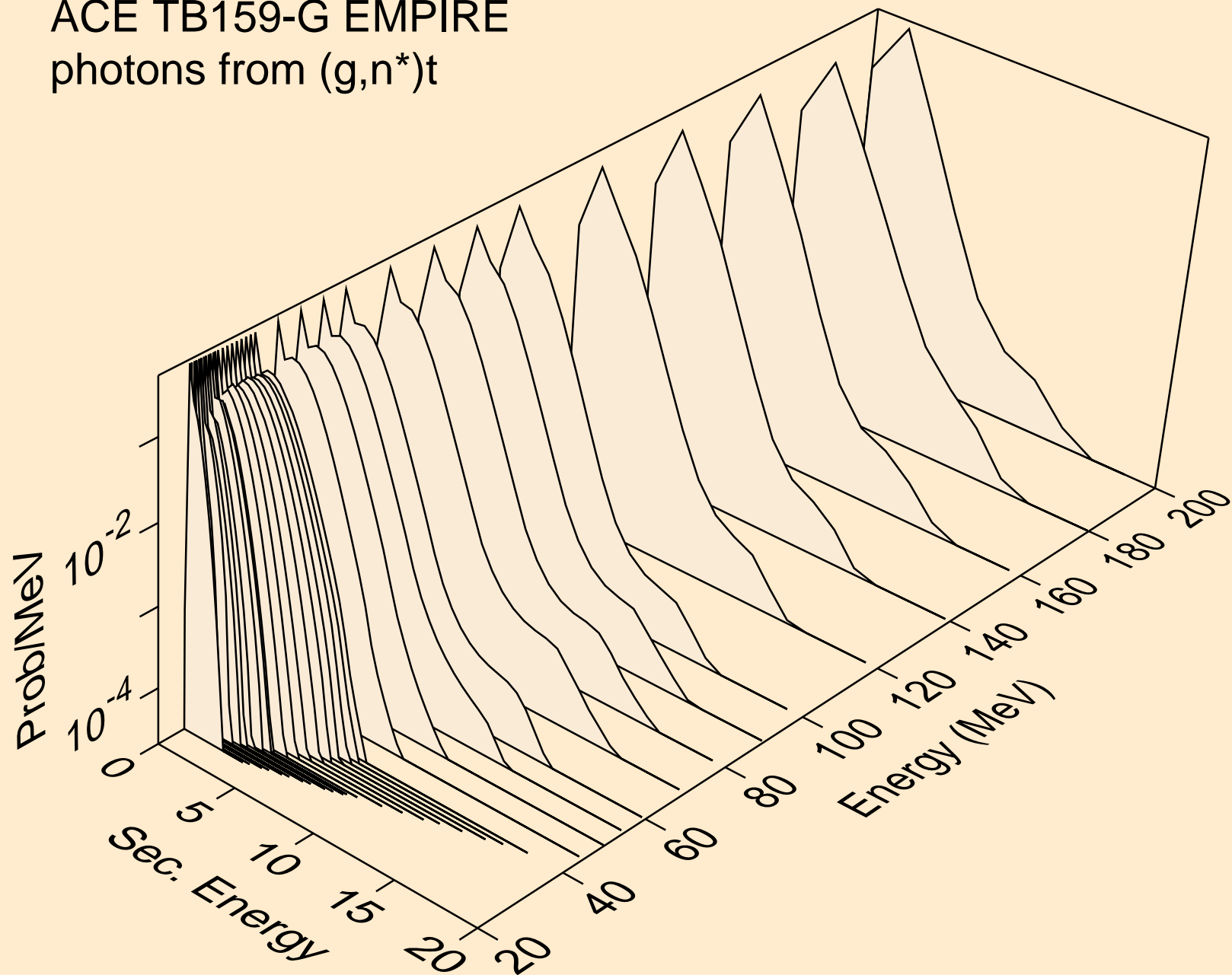


ACE TB159-G EMPIRE  
photons from  $(g,n^*)d$

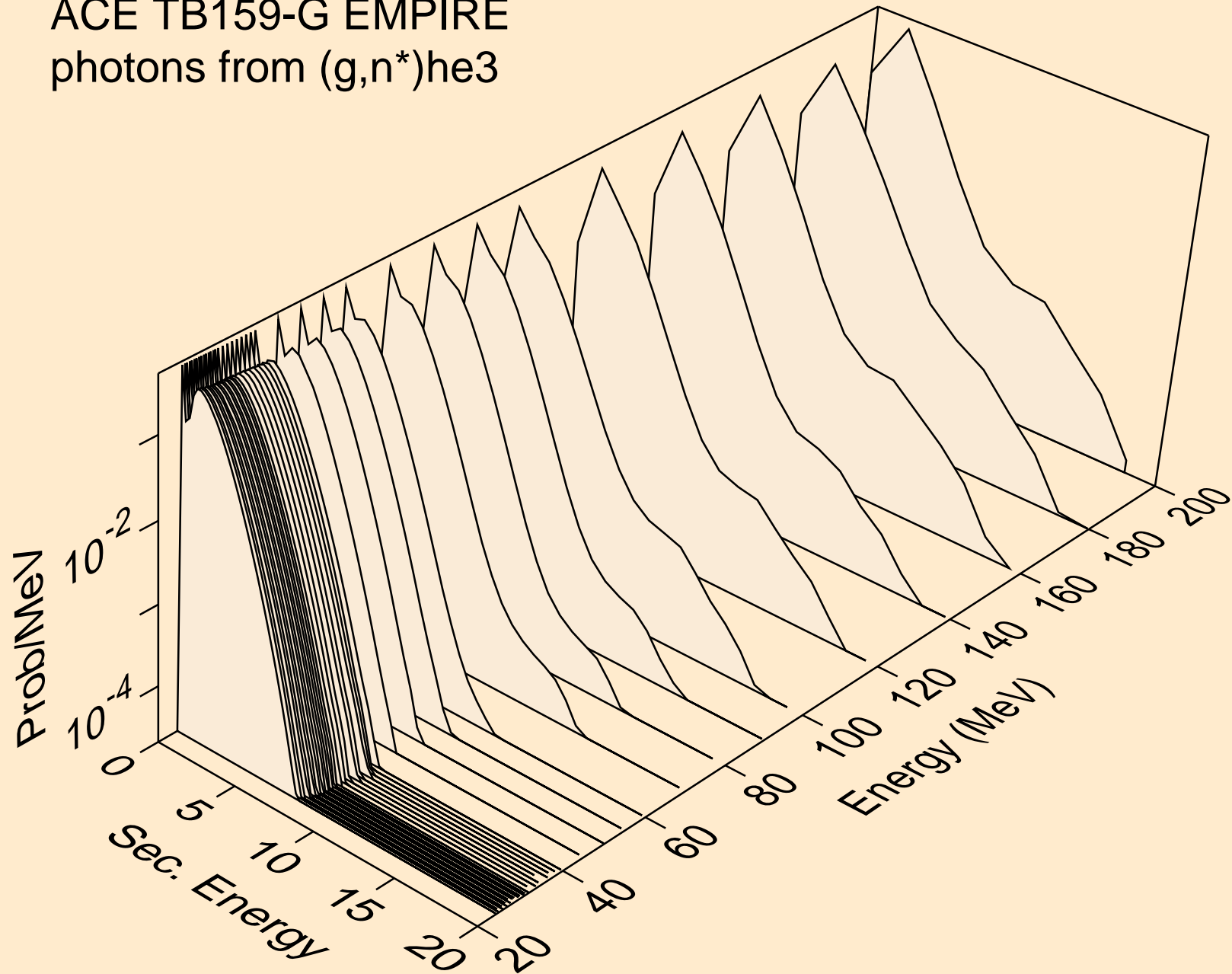




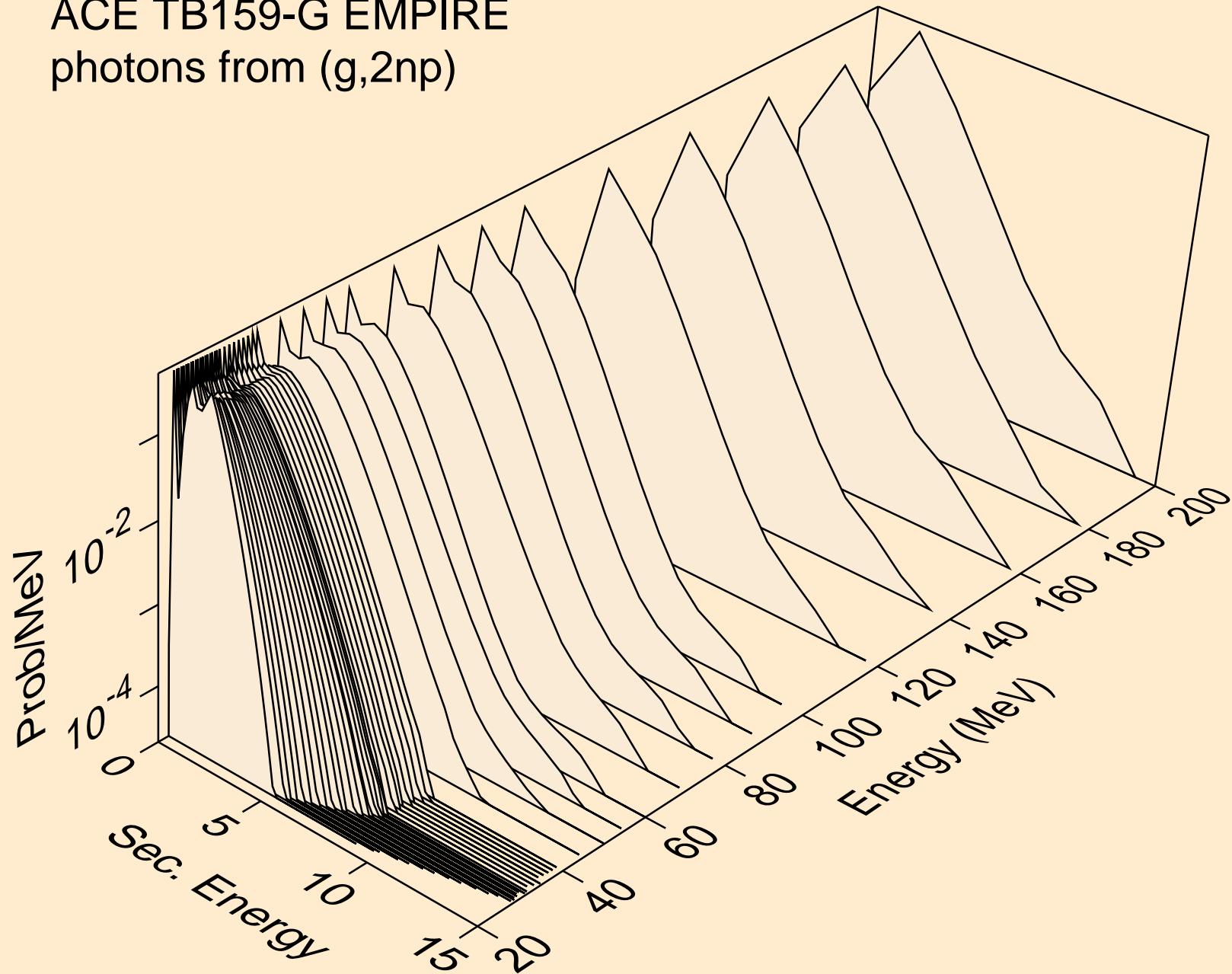
ACE TB159-G EMPIRE  
photons from  $(g,n^*)t$



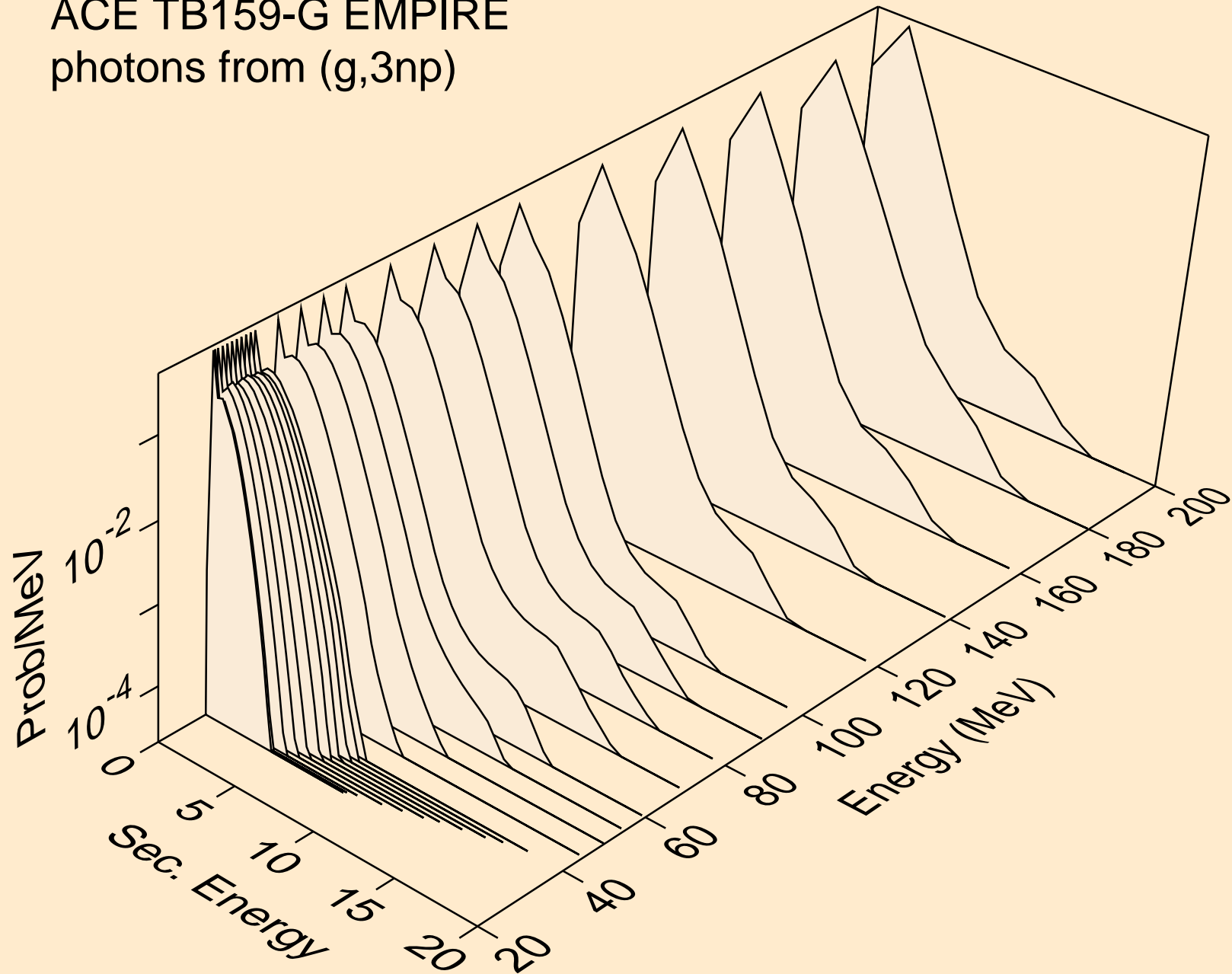
ACE TB159-G EMPIRE  
photons from  $(g,n^*)\text{he3}$



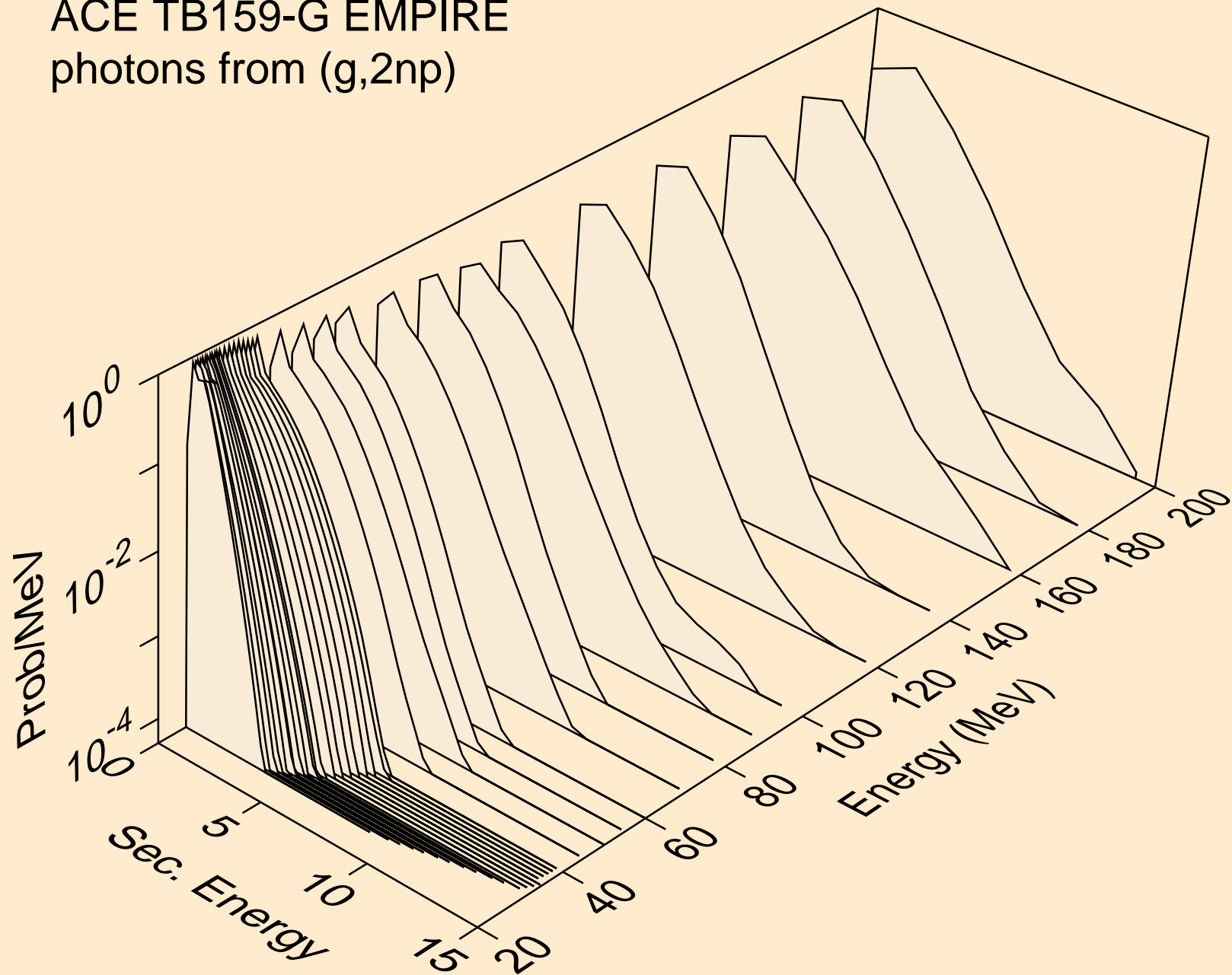
ACE TB159-G EMPIRE  
photons from (g,2np)



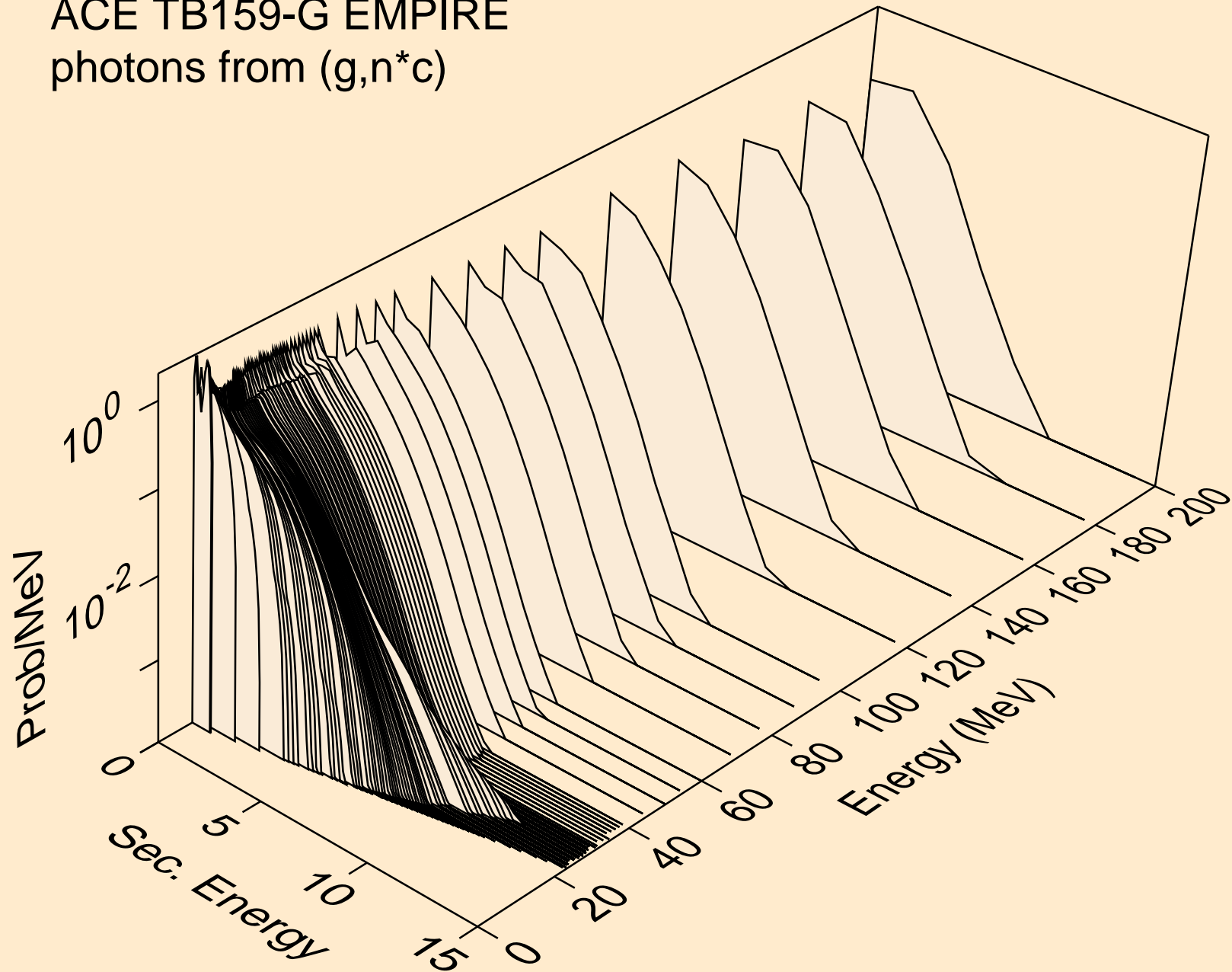
ACE TB159-G EMPIRE  
photons from (g,3np)



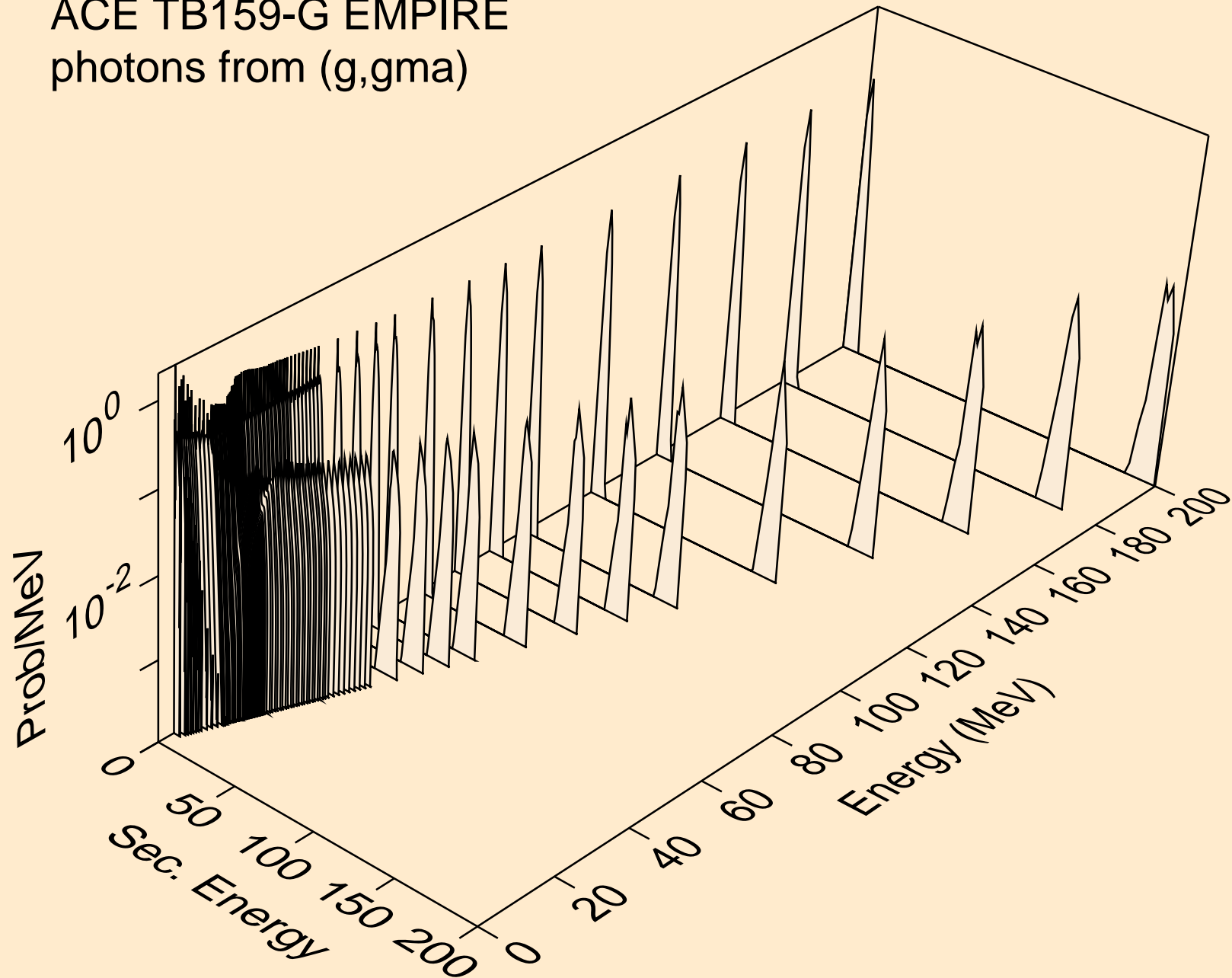
ACE TB159-G EMPIRE  
photons from (g,2np)



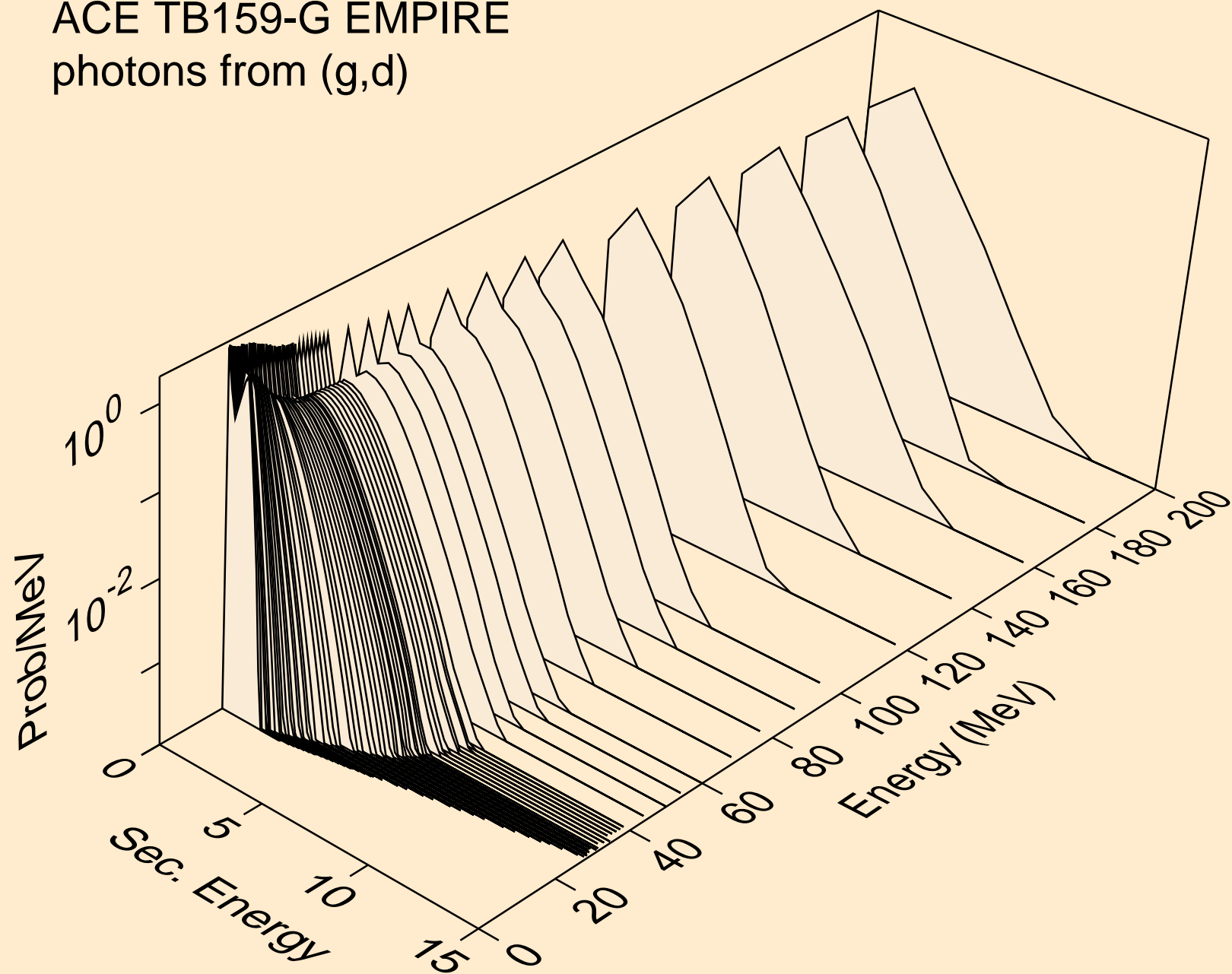
ACE TB159-G EMPIRE  
photons from (g,n\*c)



ACE TB159-G EMPIRE  
photons from (g,gma)

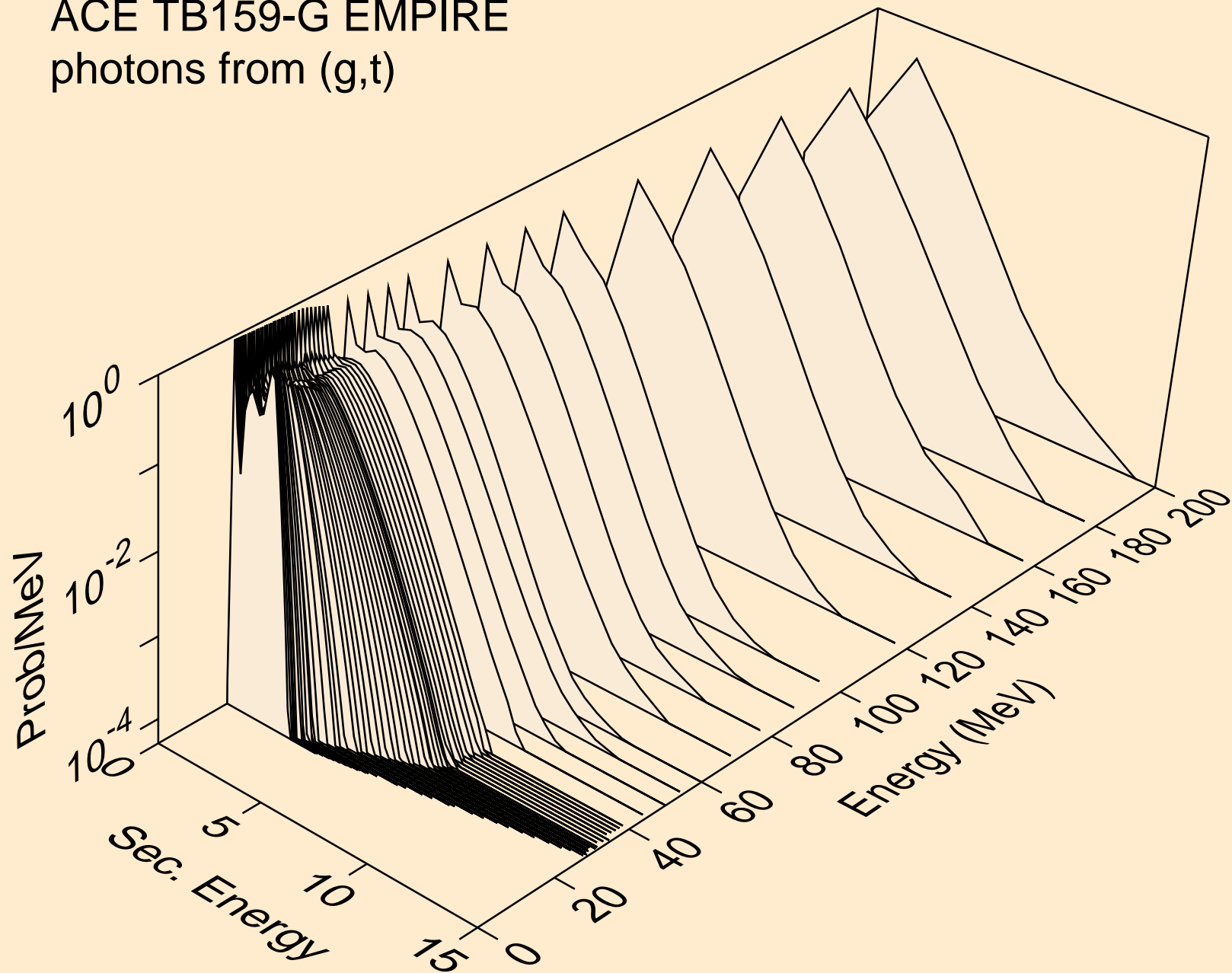


# ACE TB159-G EMPIRE photons from (g,d)

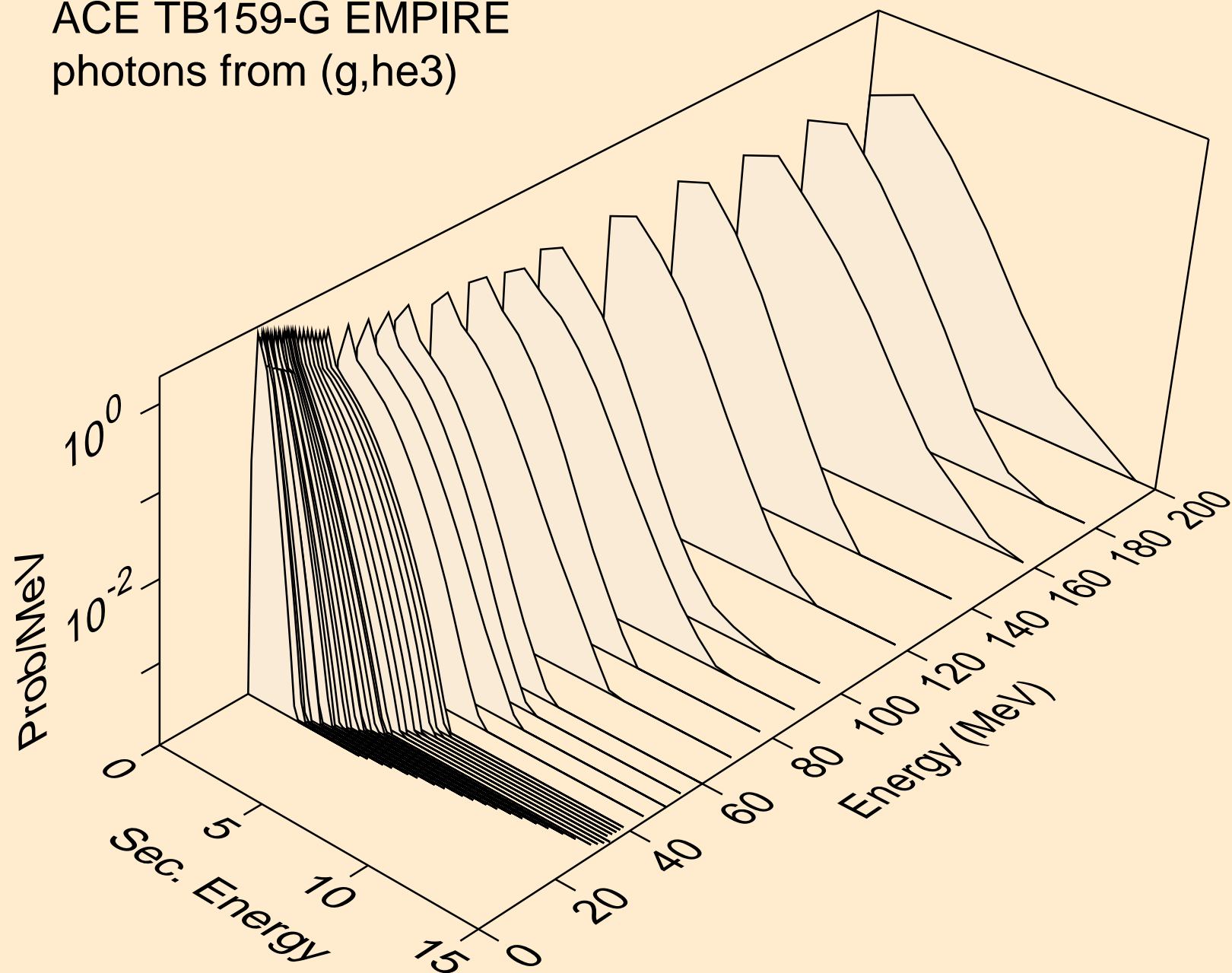




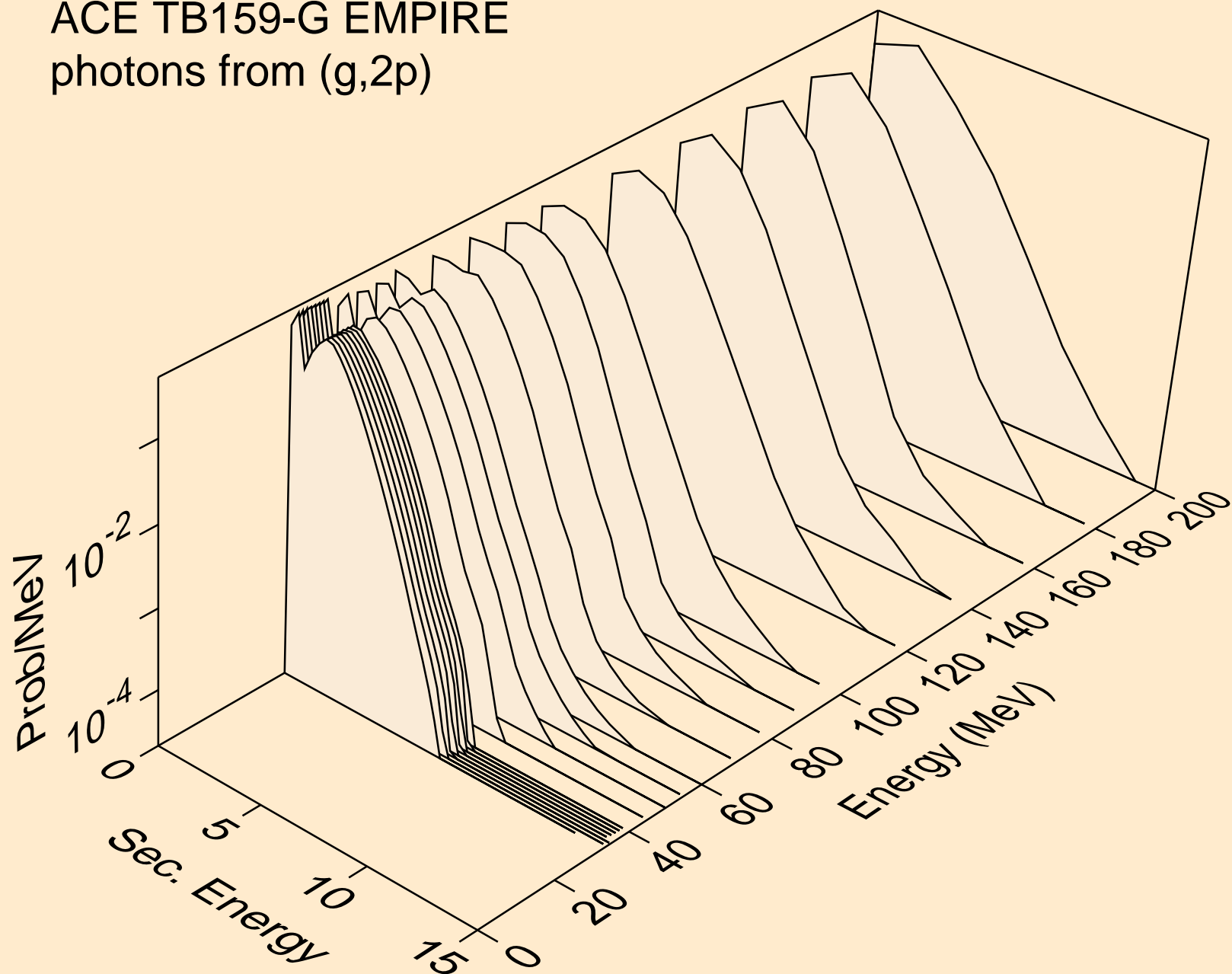
ACE TB159-G EMPIRE  
photons from (g,t)



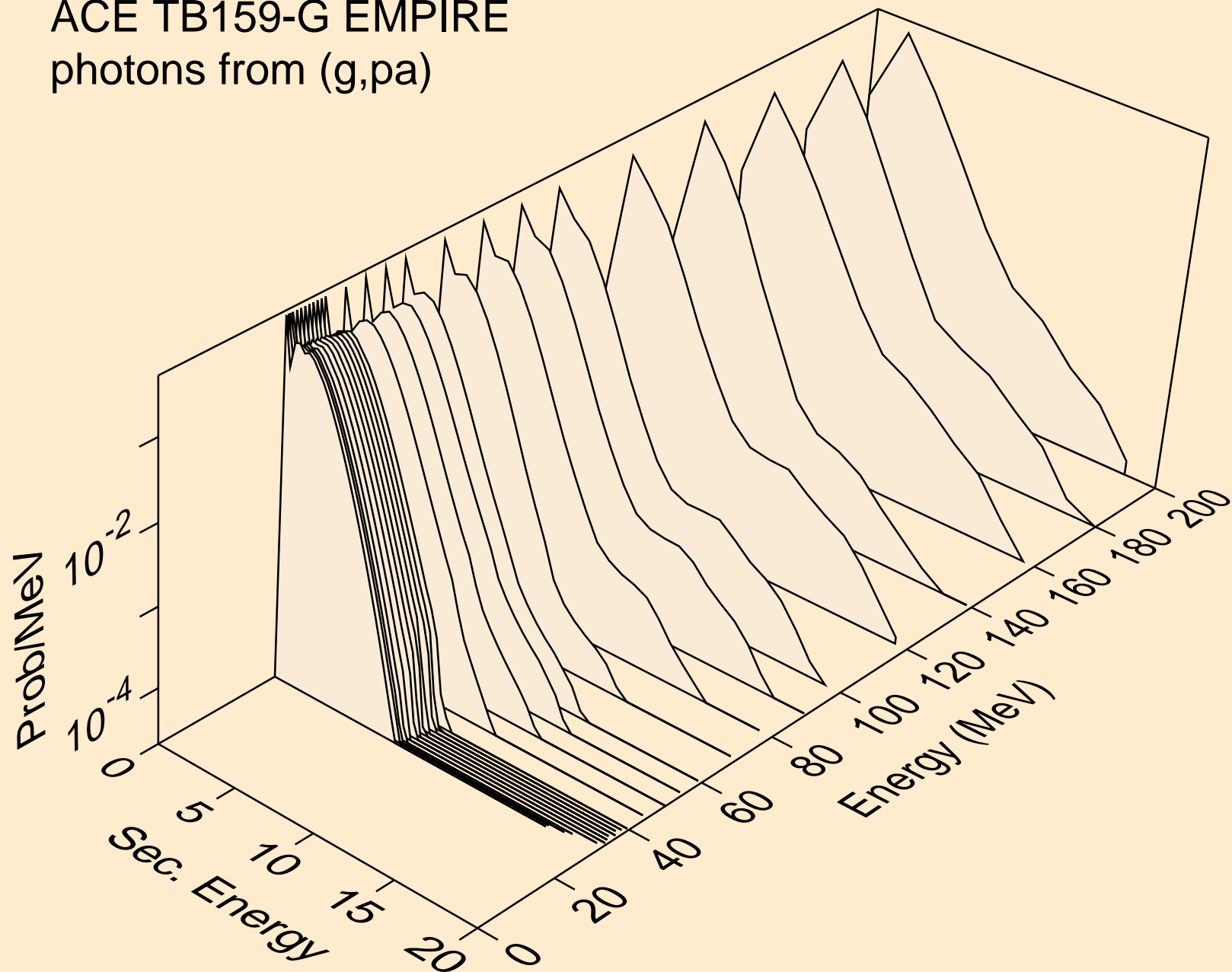
ACE TB159-G EMPIRE  
photons from (g,he3)



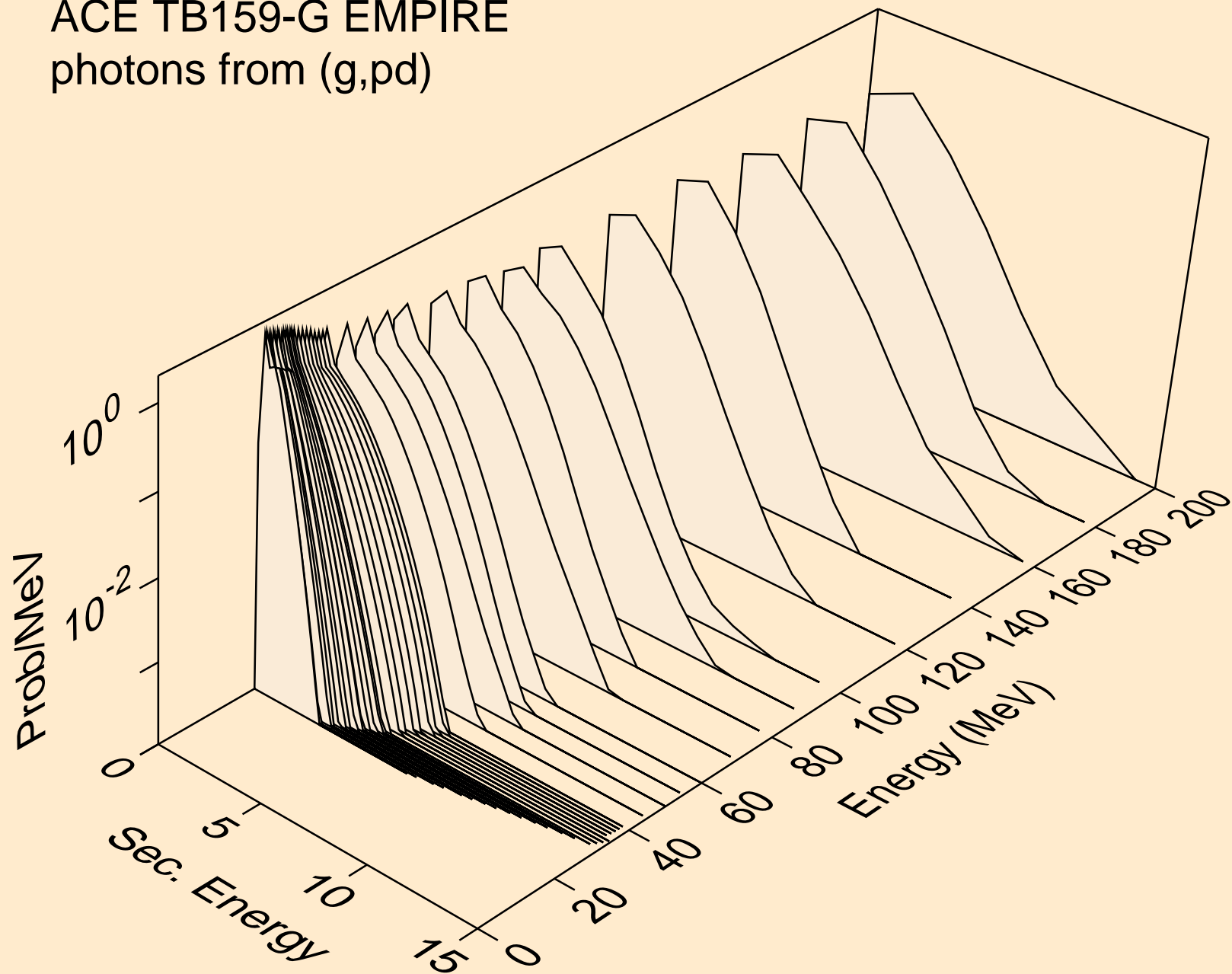
ACE TB159-G EMPIRE  
photons from (g,2p)



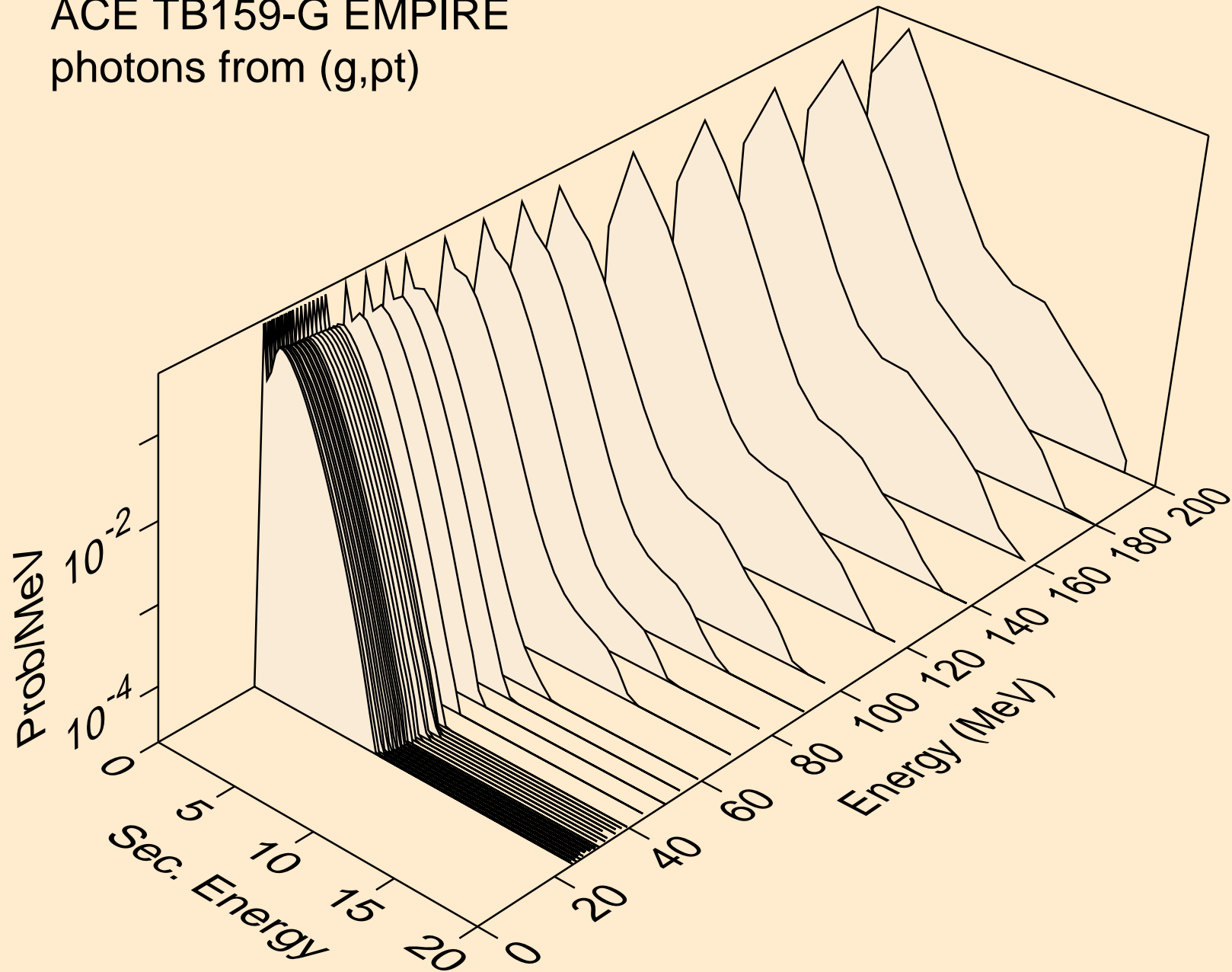
ACE TB159-G EMPIRE  
photons from (g,pa)



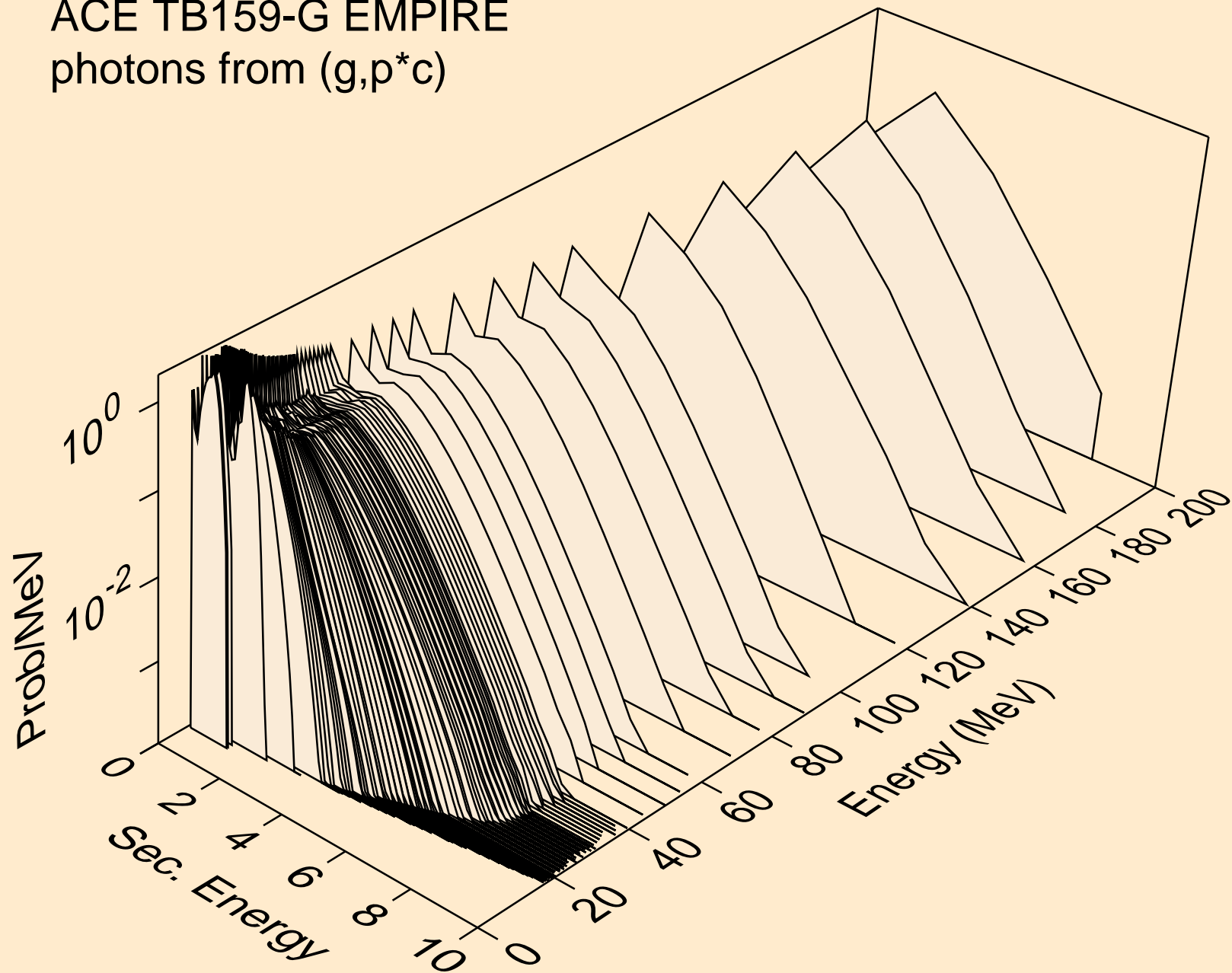
ACE TB159-G EMPIRE  
photons from (g,pd)



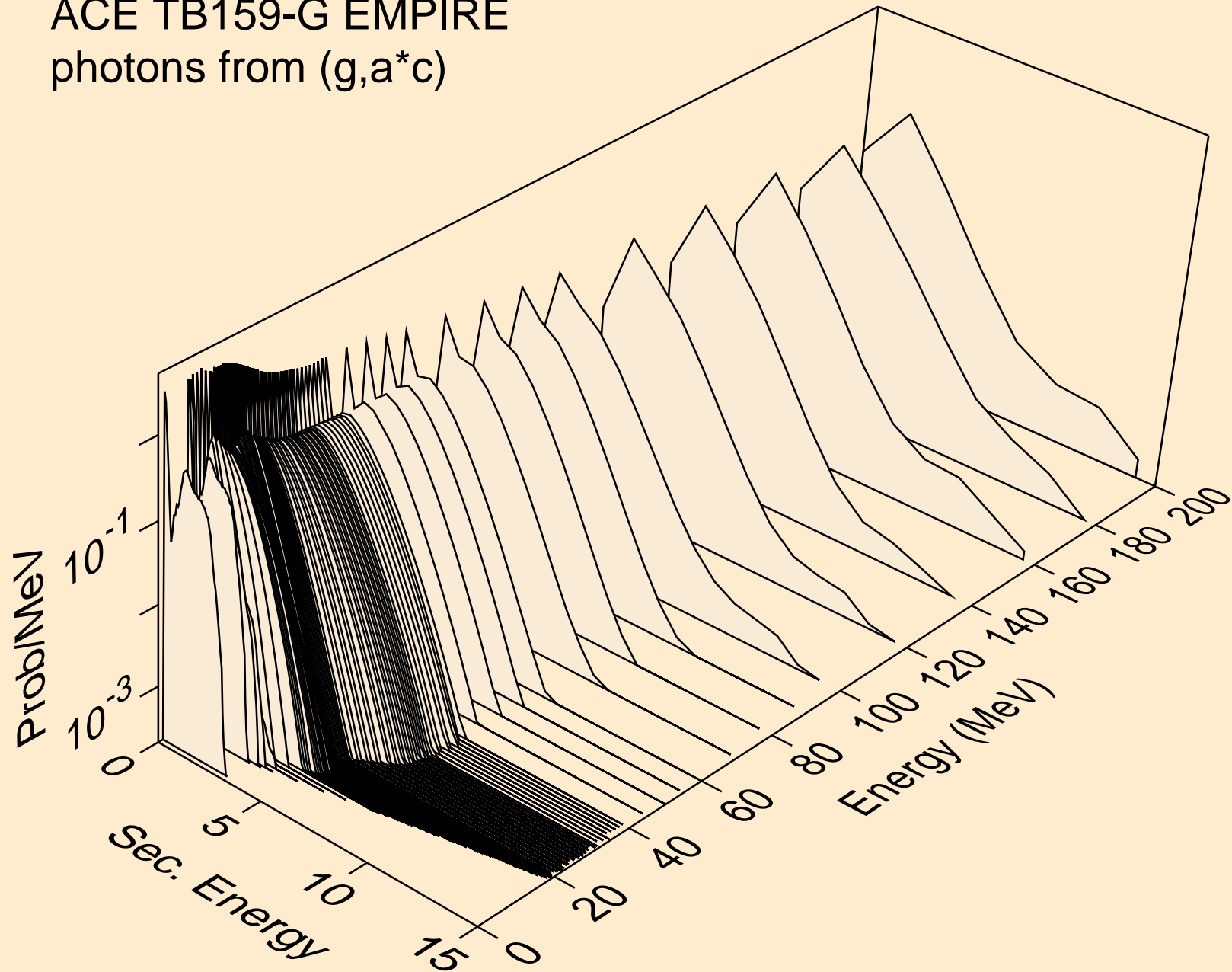
ACE TB159-G EMPIRE  
photons from (g,pt)



ACE TB159-G EMPIRE  
photons from  $(g,p^*c)$



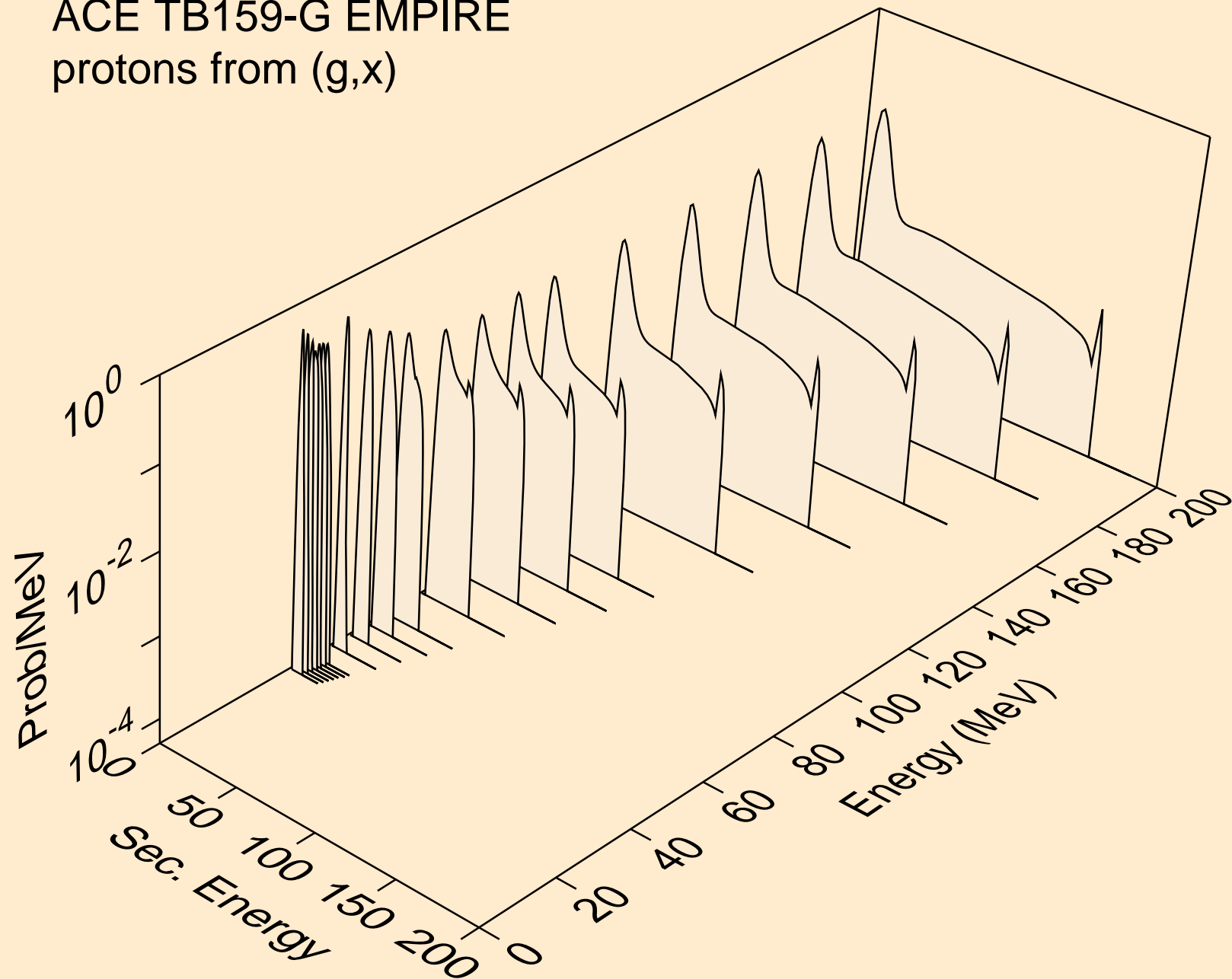
ACE TB159-G EMPIRE  
photons from (g,a\*c)



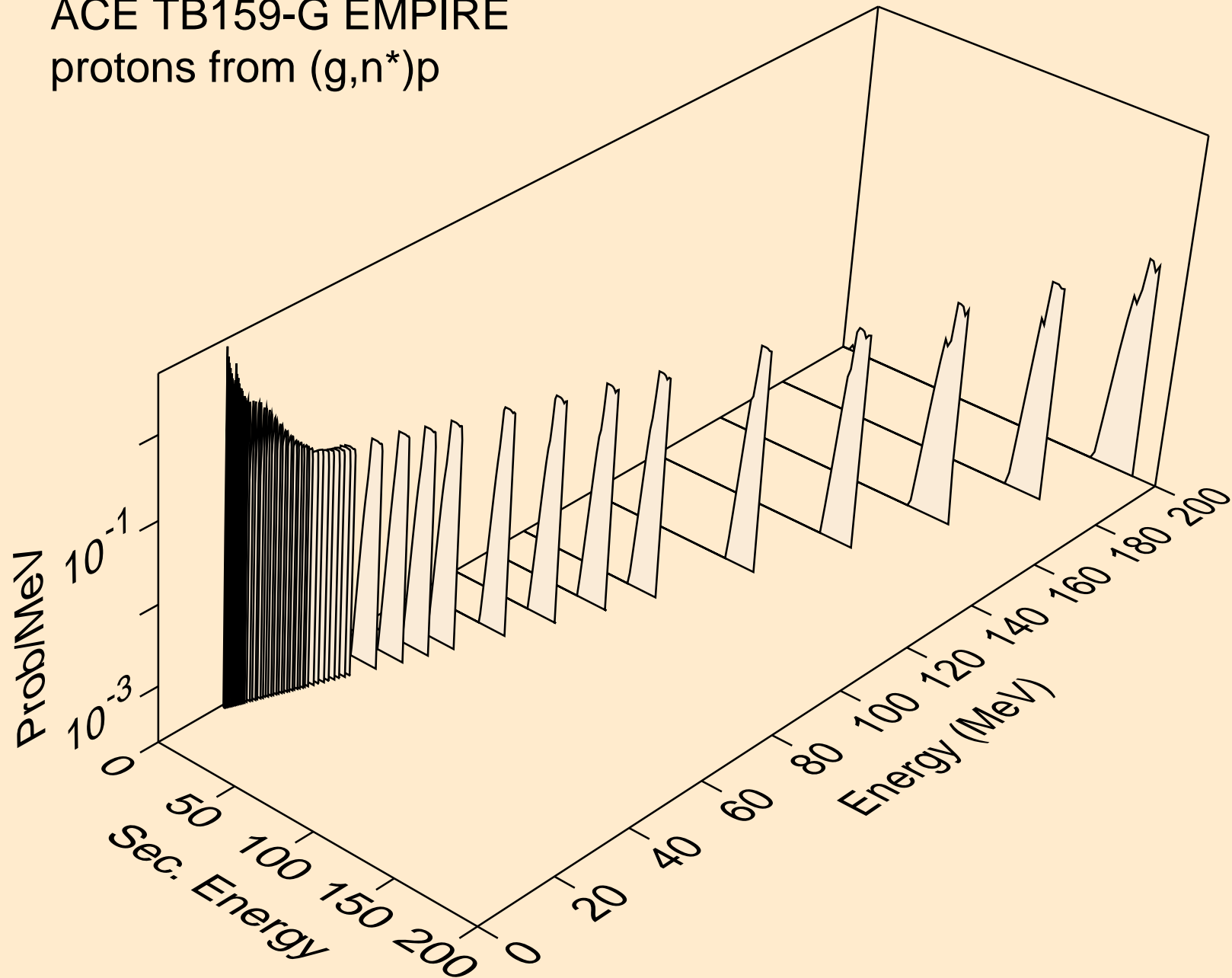


# ACE TB159-G EMPIRE

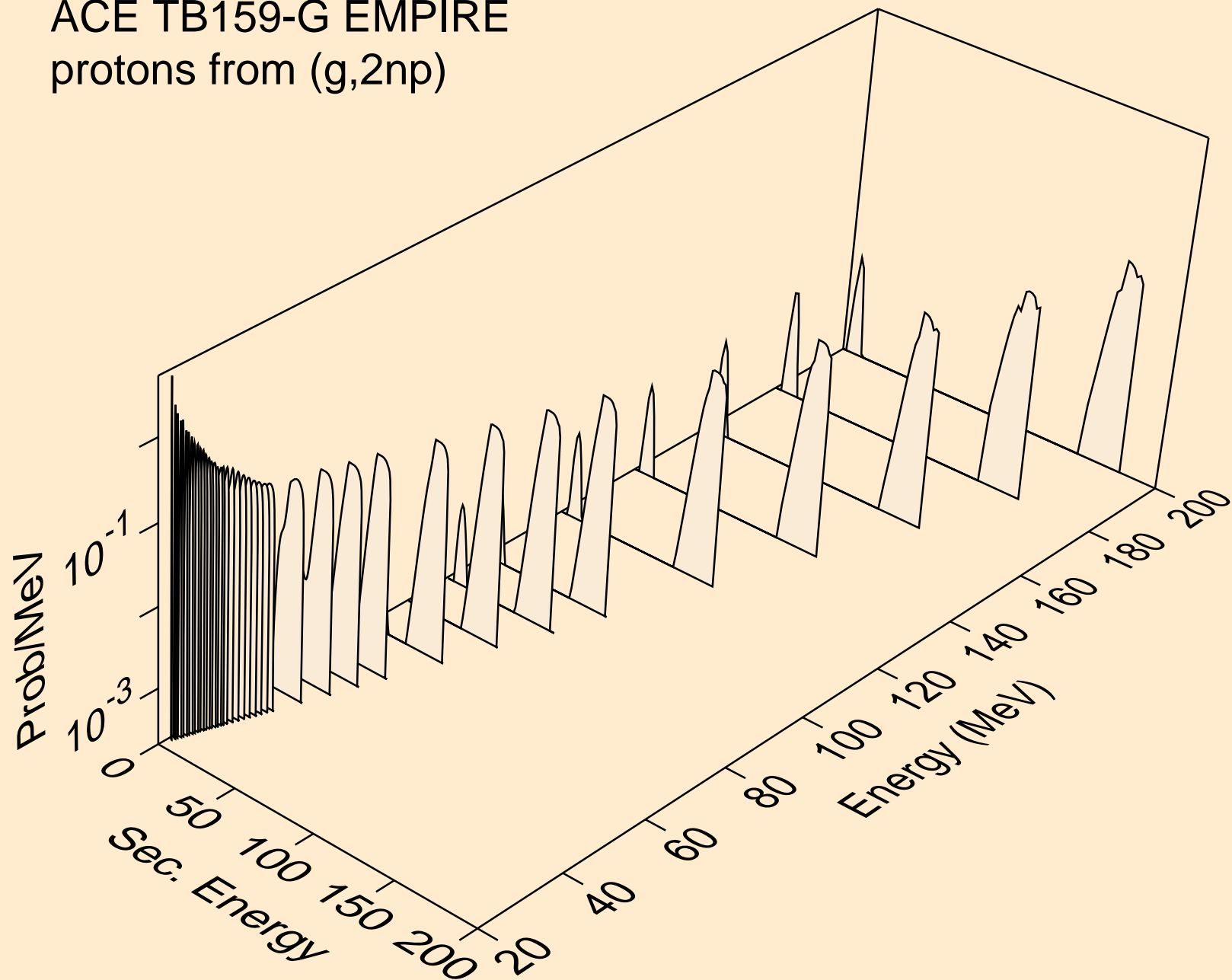
protons from (g,x)



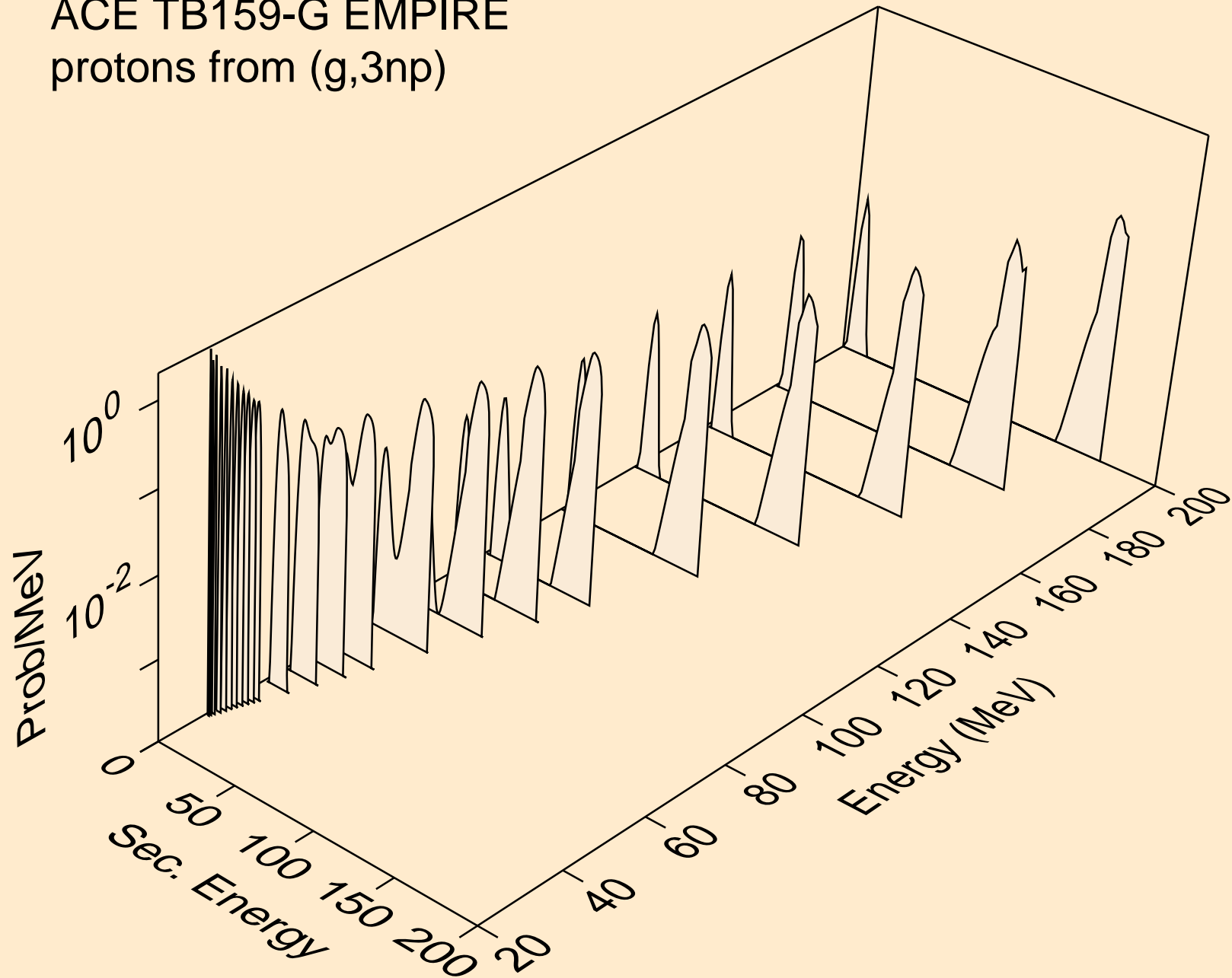
ACE TB159-G EMPIRE  
protons from  $(g,n^*)p$



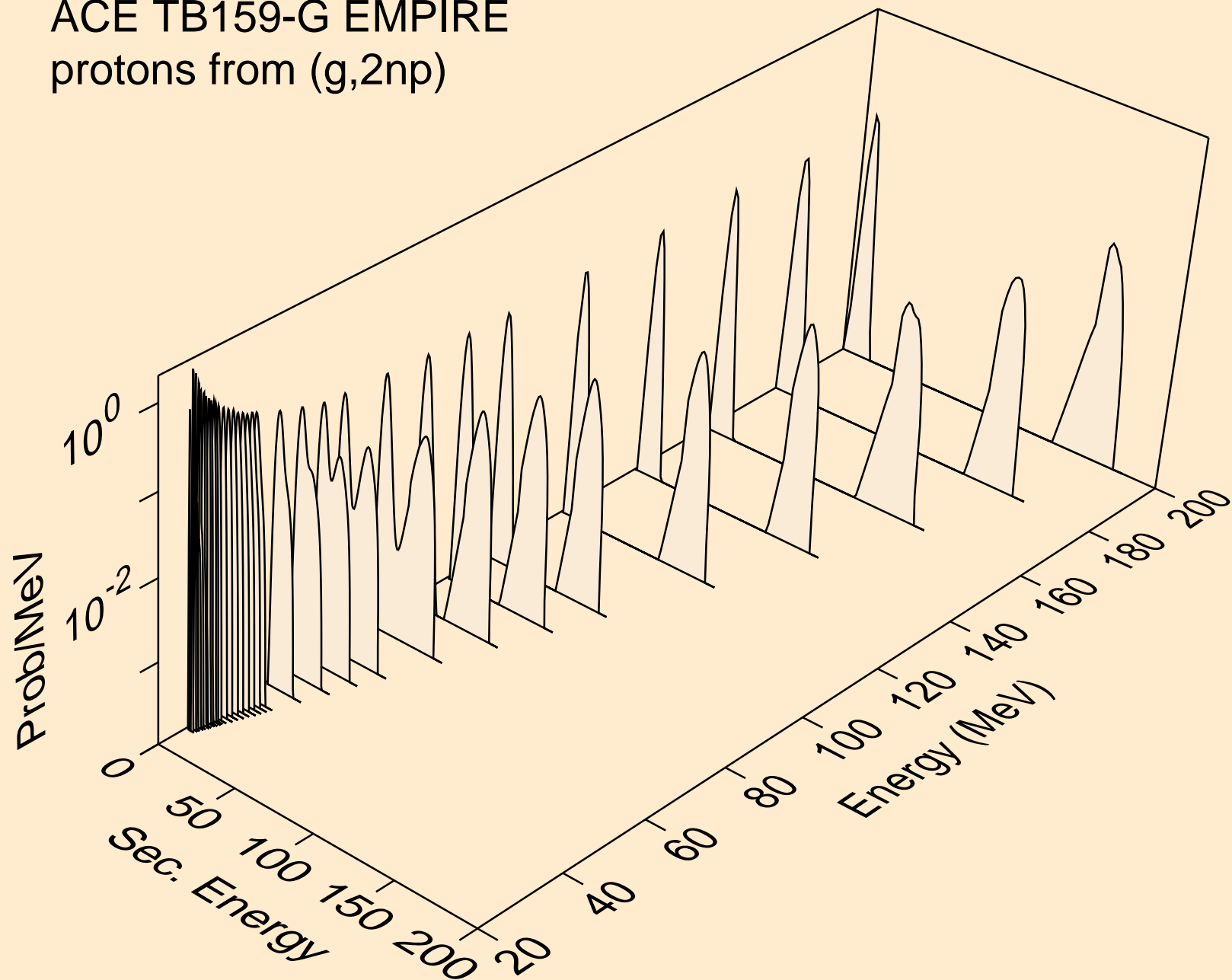
ACE TB159-G EMPIRE  
protons from (g,2np)



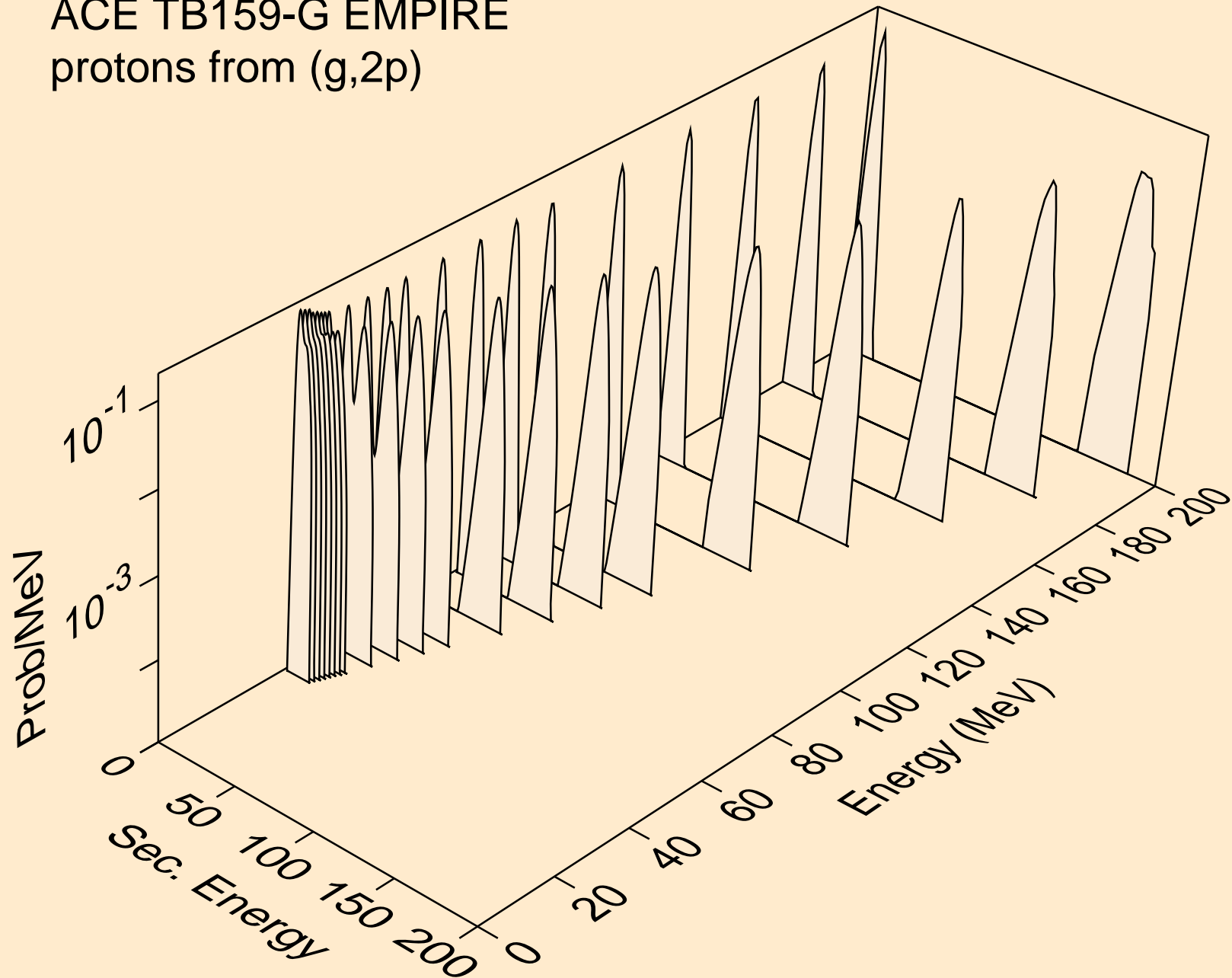
ACE TB159-G EMPIRE  
protons from (g,3np)



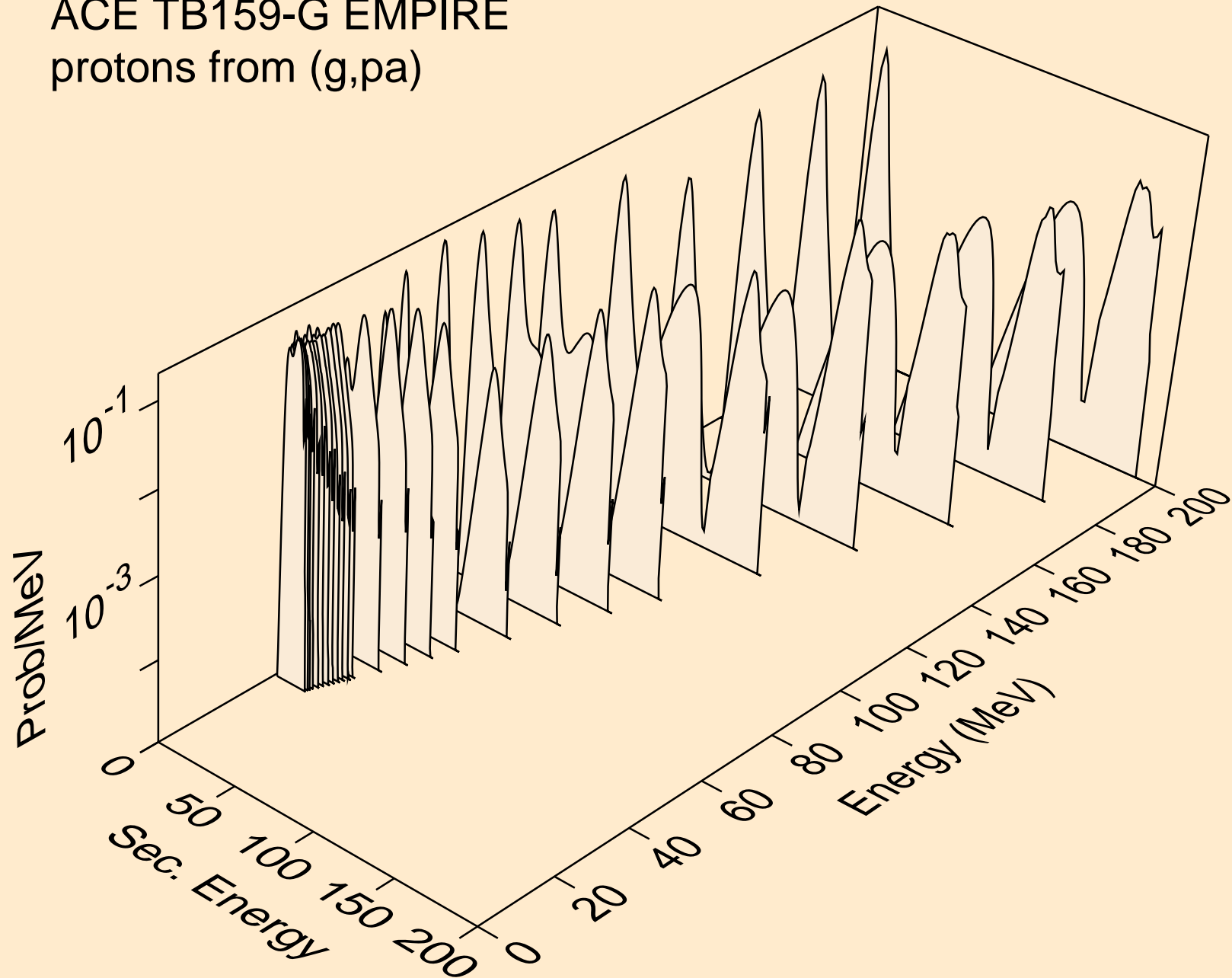
ACE TB159-G EMPIRE  
protons from (g,2np)



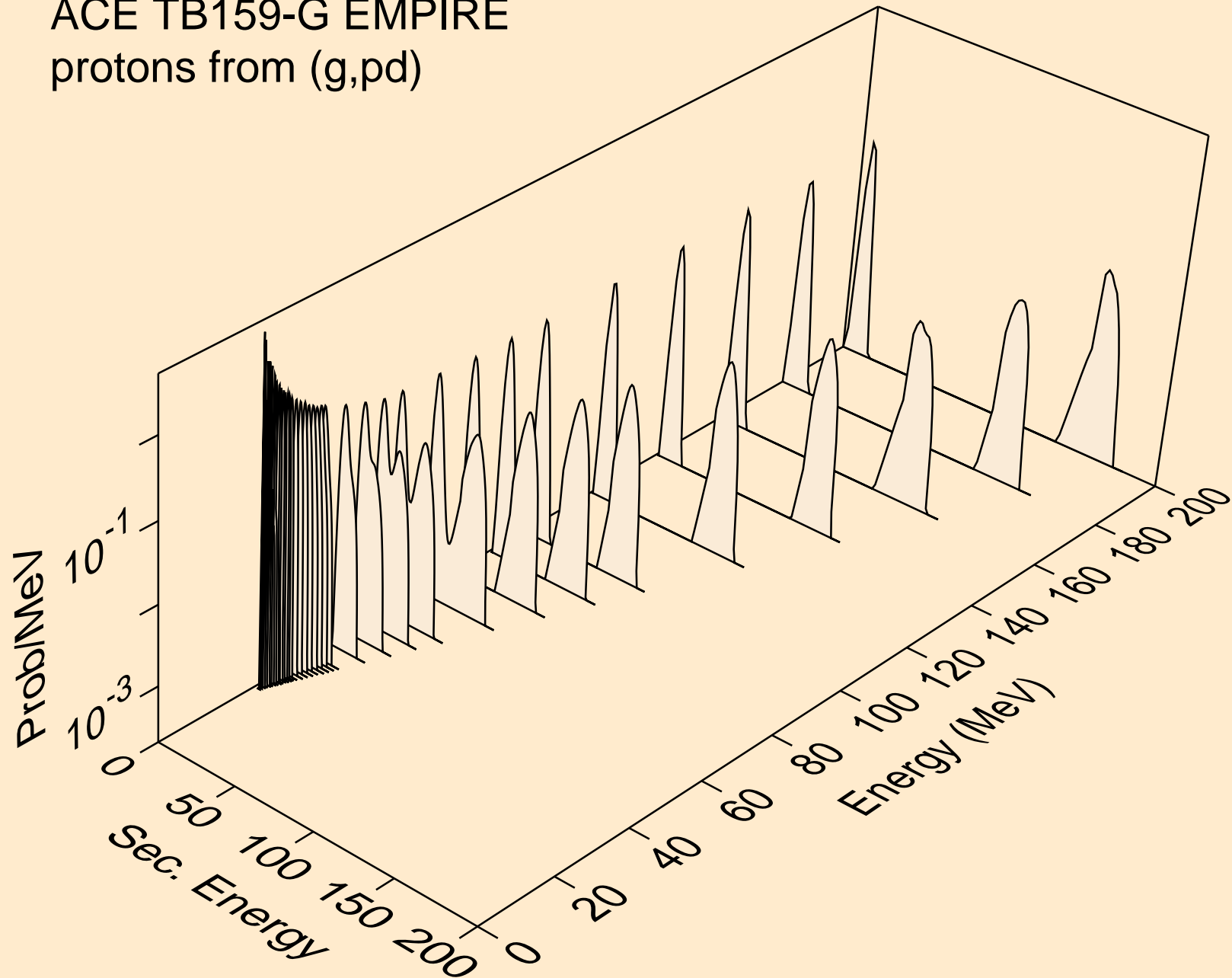
ACE TB159-G EMPIRE  
protons from (g,2p)



ACE TB159-G EMPIRE  
protons from (g,pa)

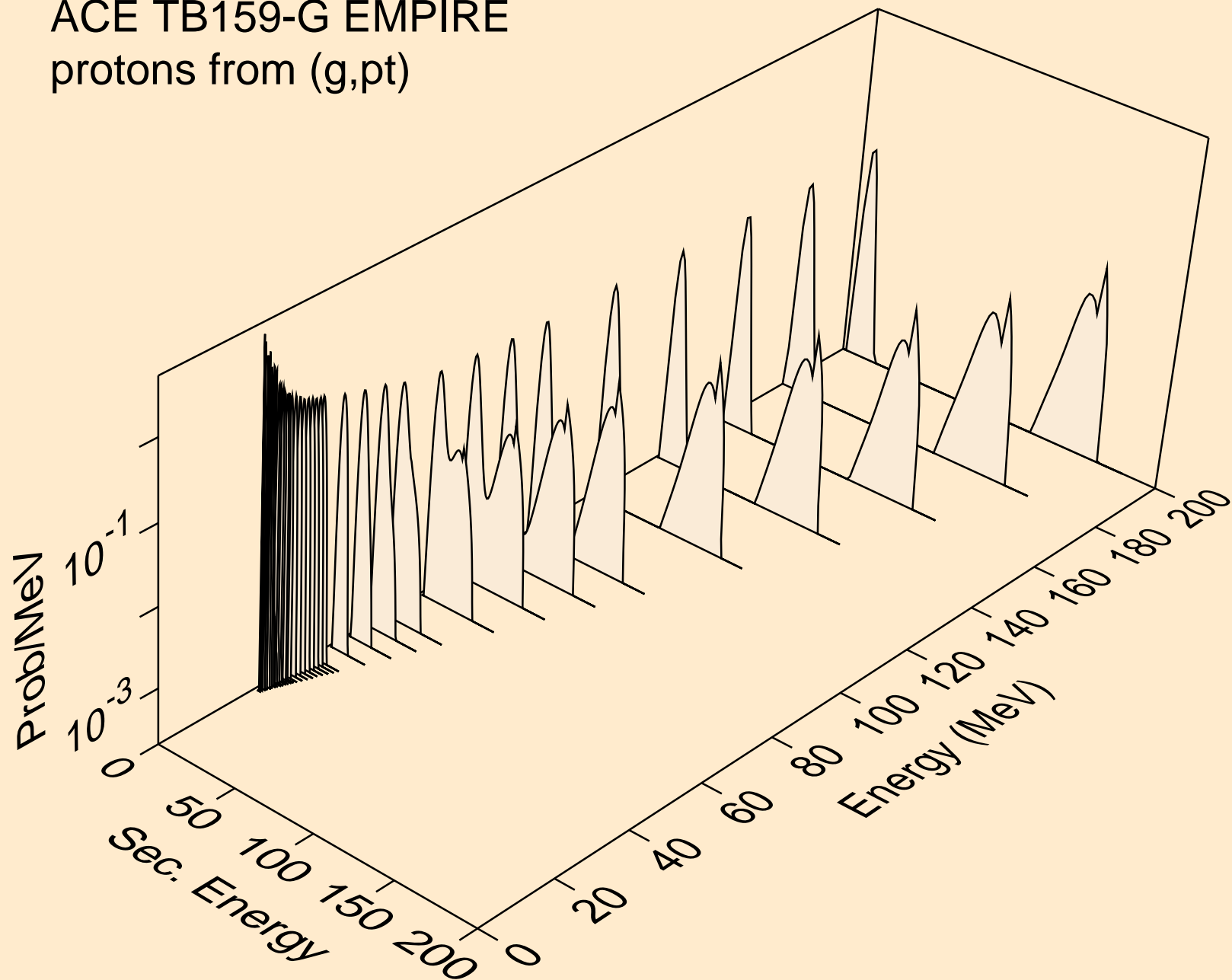


ACE TB159-G EMPIRE  
protons from (g,pd)

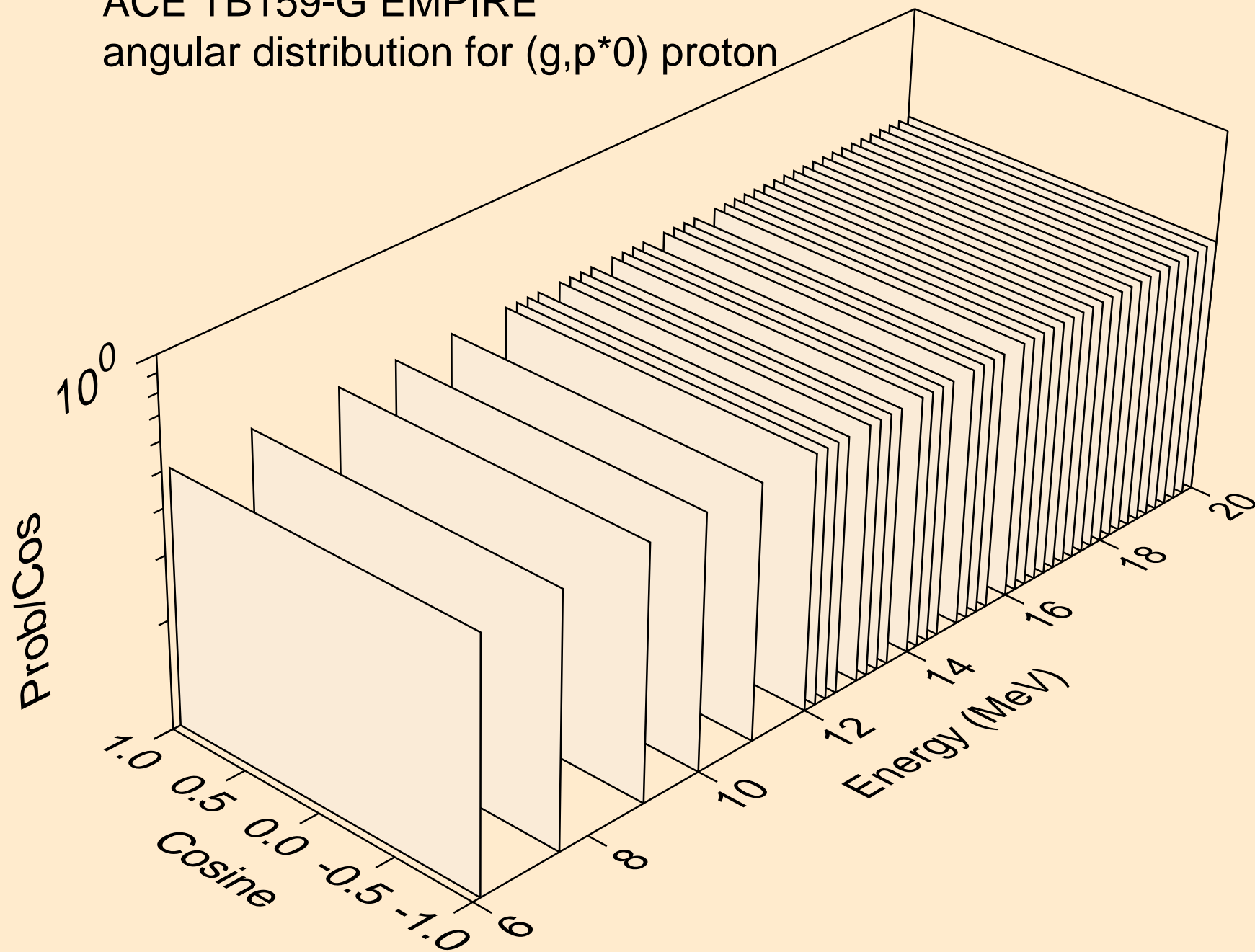




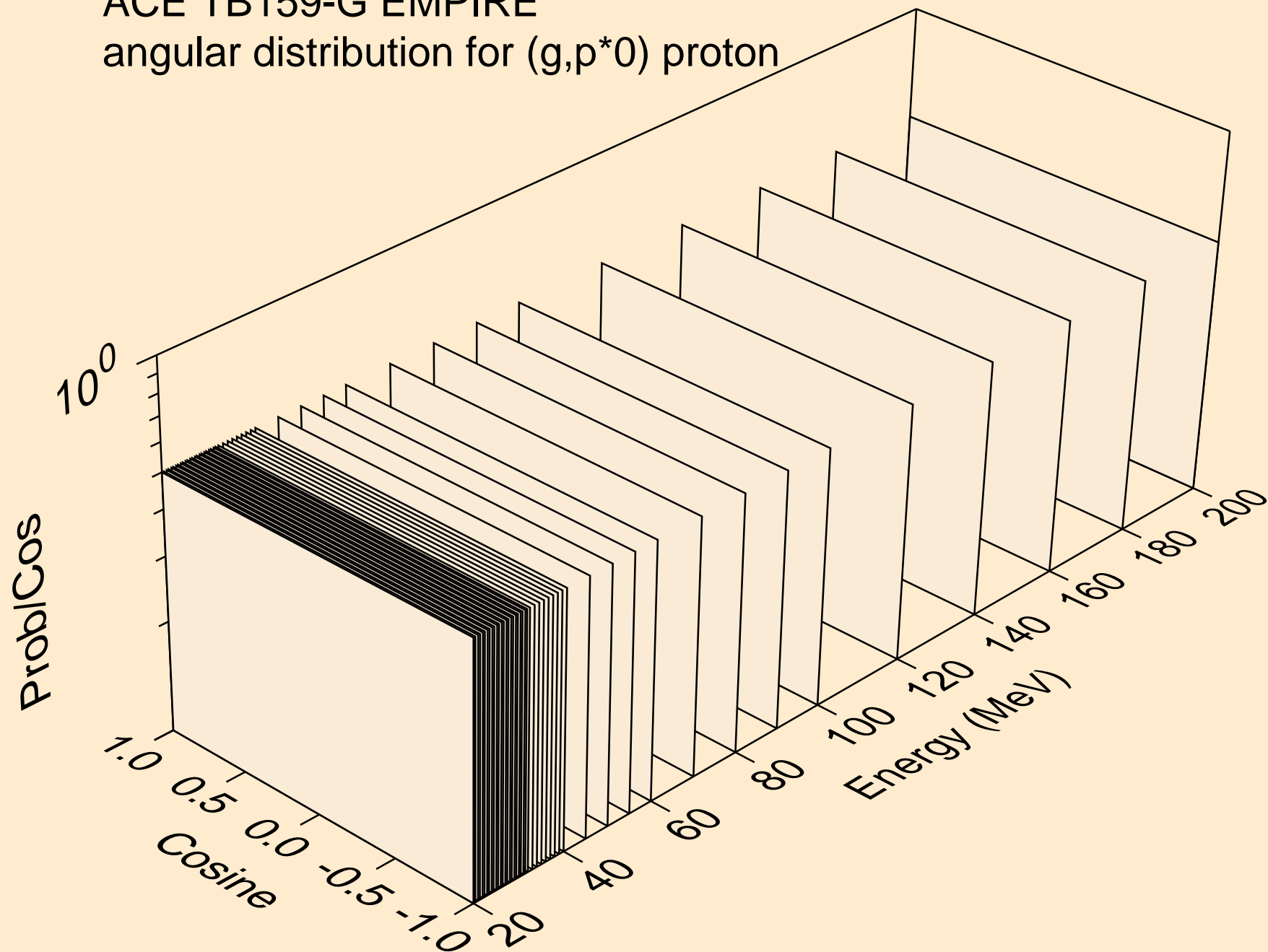
ACE TB159-G EMPIRE  
protons from (g,pt)



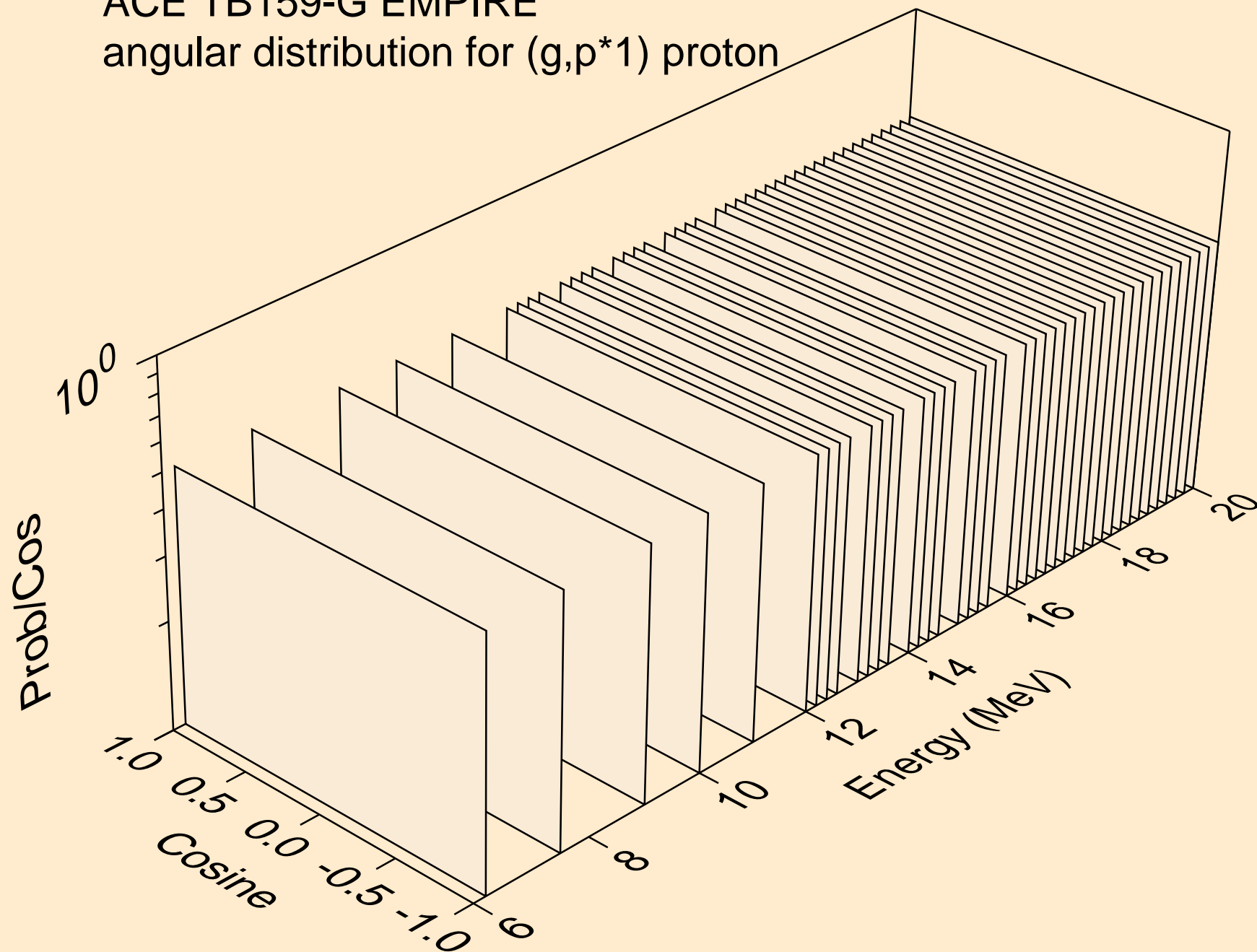
ACE TB159-G EMPIRE  
angular distribution for (g,p\*0) proton



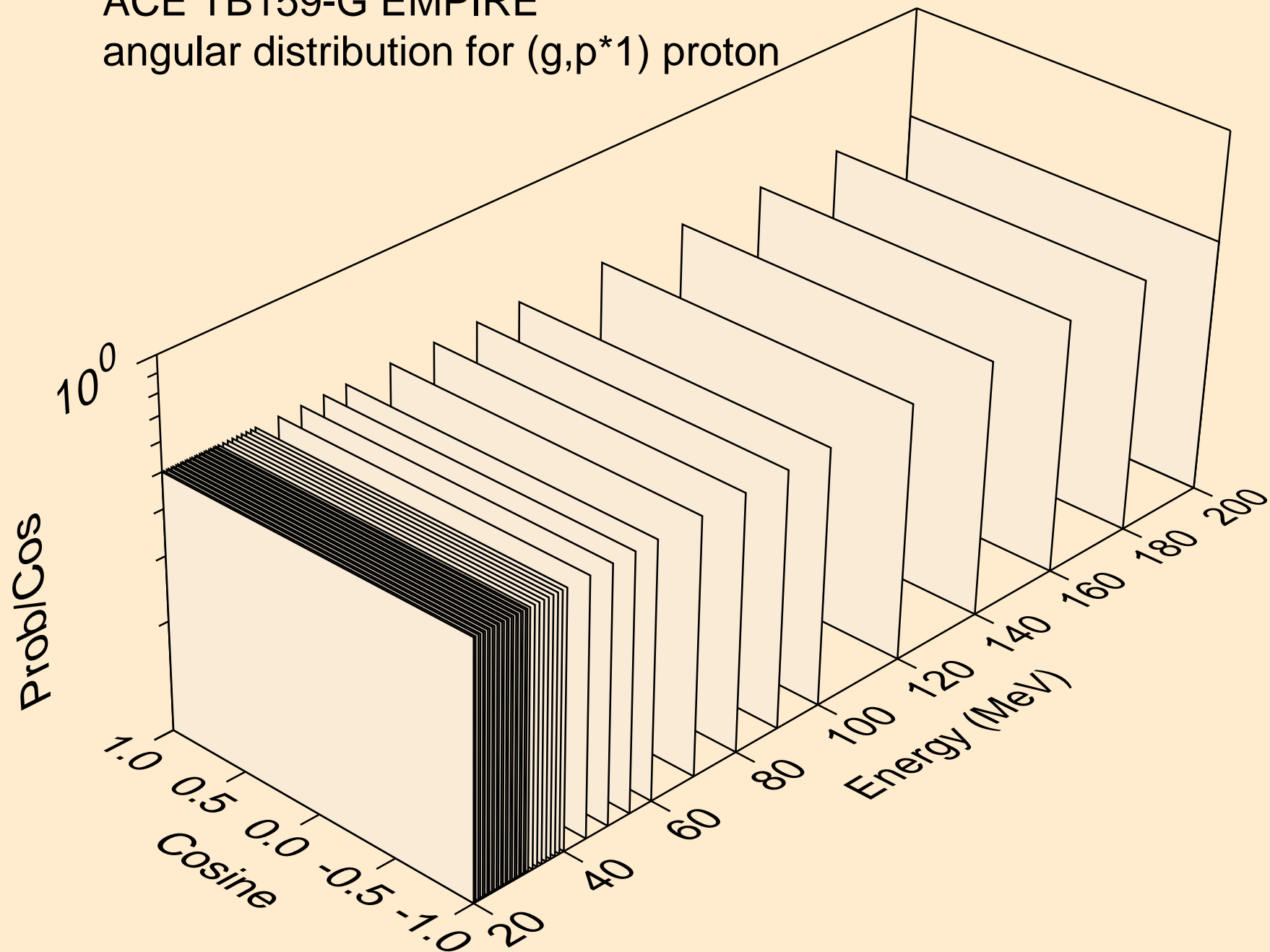
ACE TB159-G EMPIRE  
angular distribution for (g,p\*0) proton



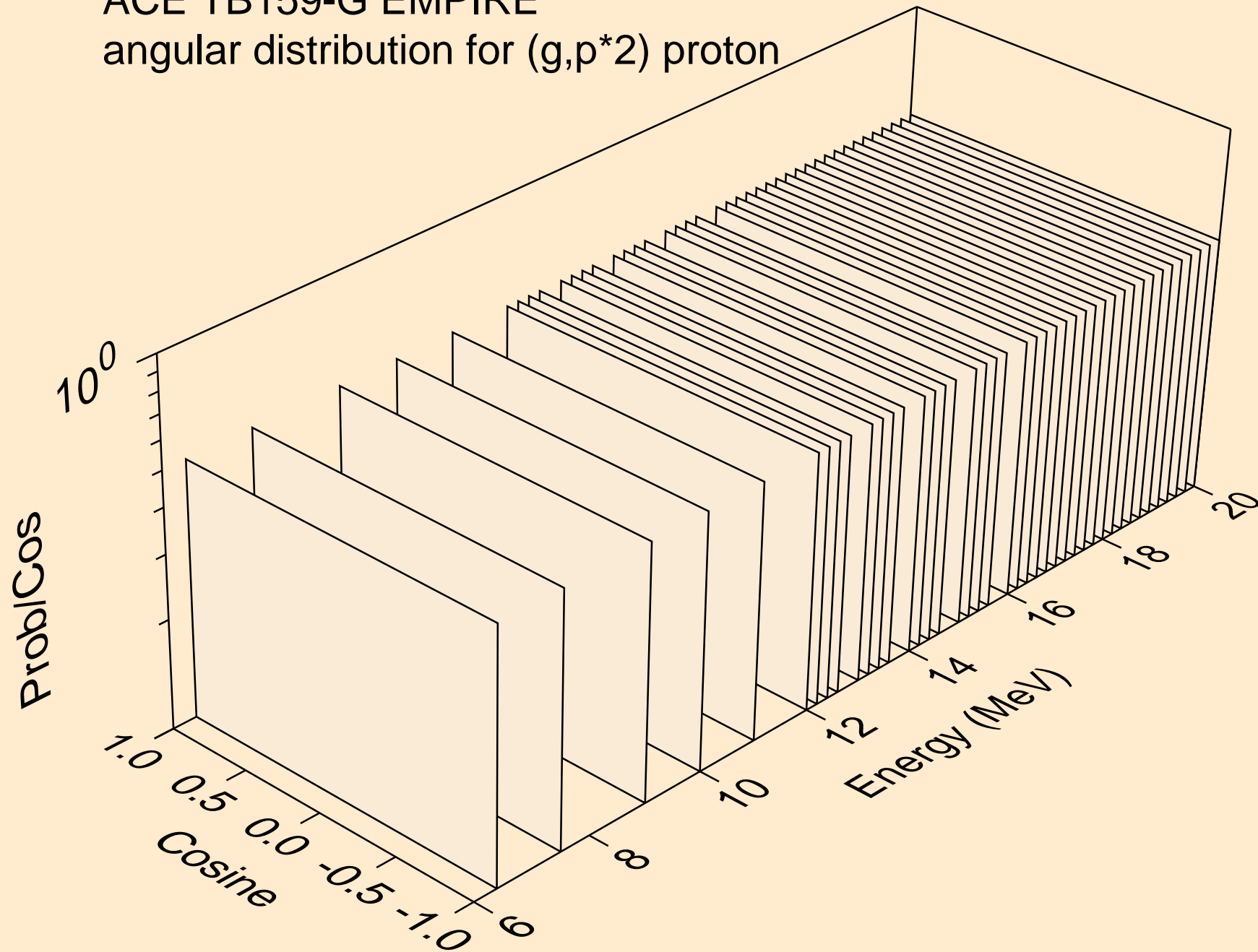
ACE TB159-G EMPIRE  
angular distribution for (g,p\*1) proton



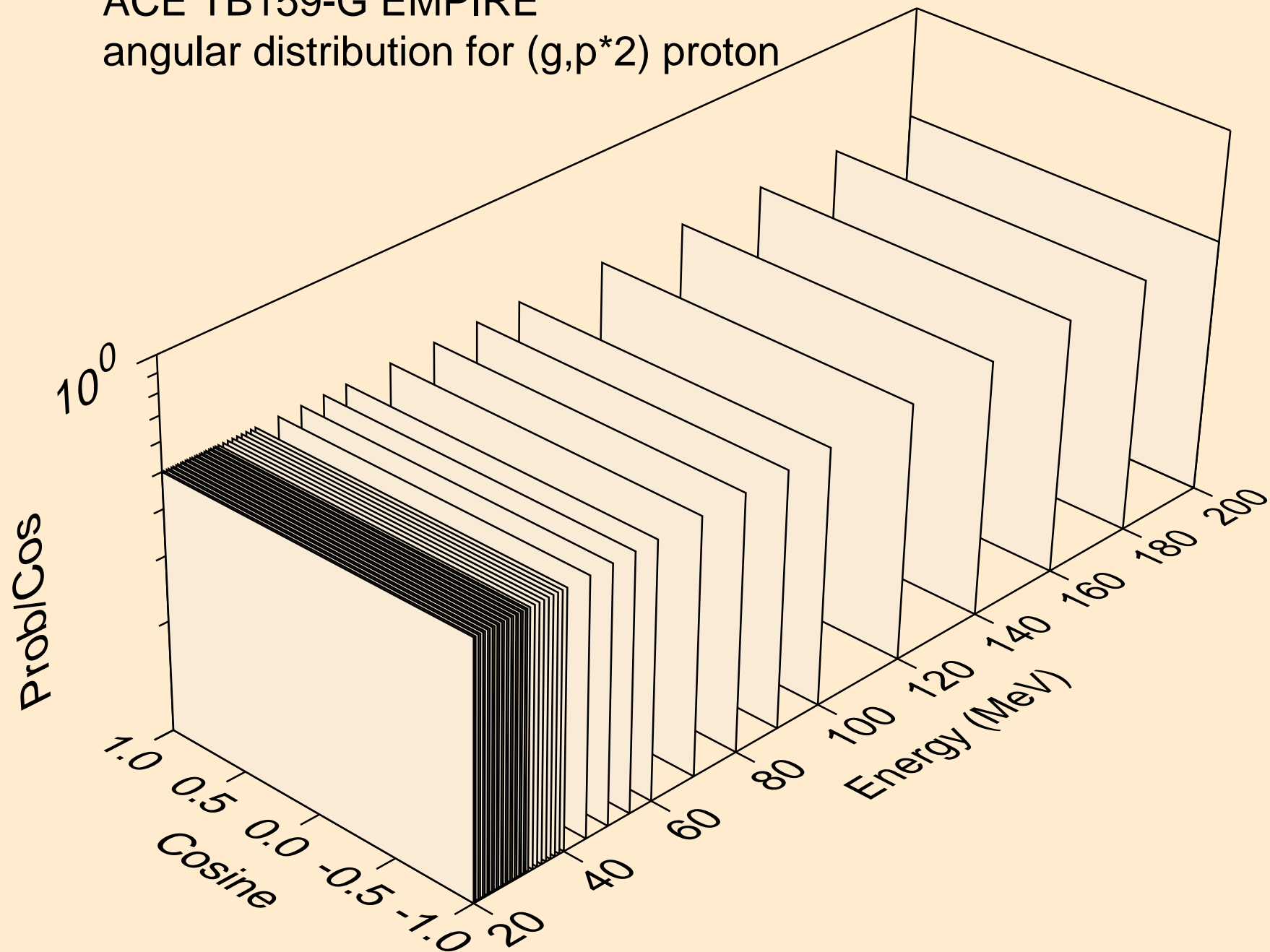
ACE TB159-G EMPIRE  
angular distribution for (g,p\*1) proton



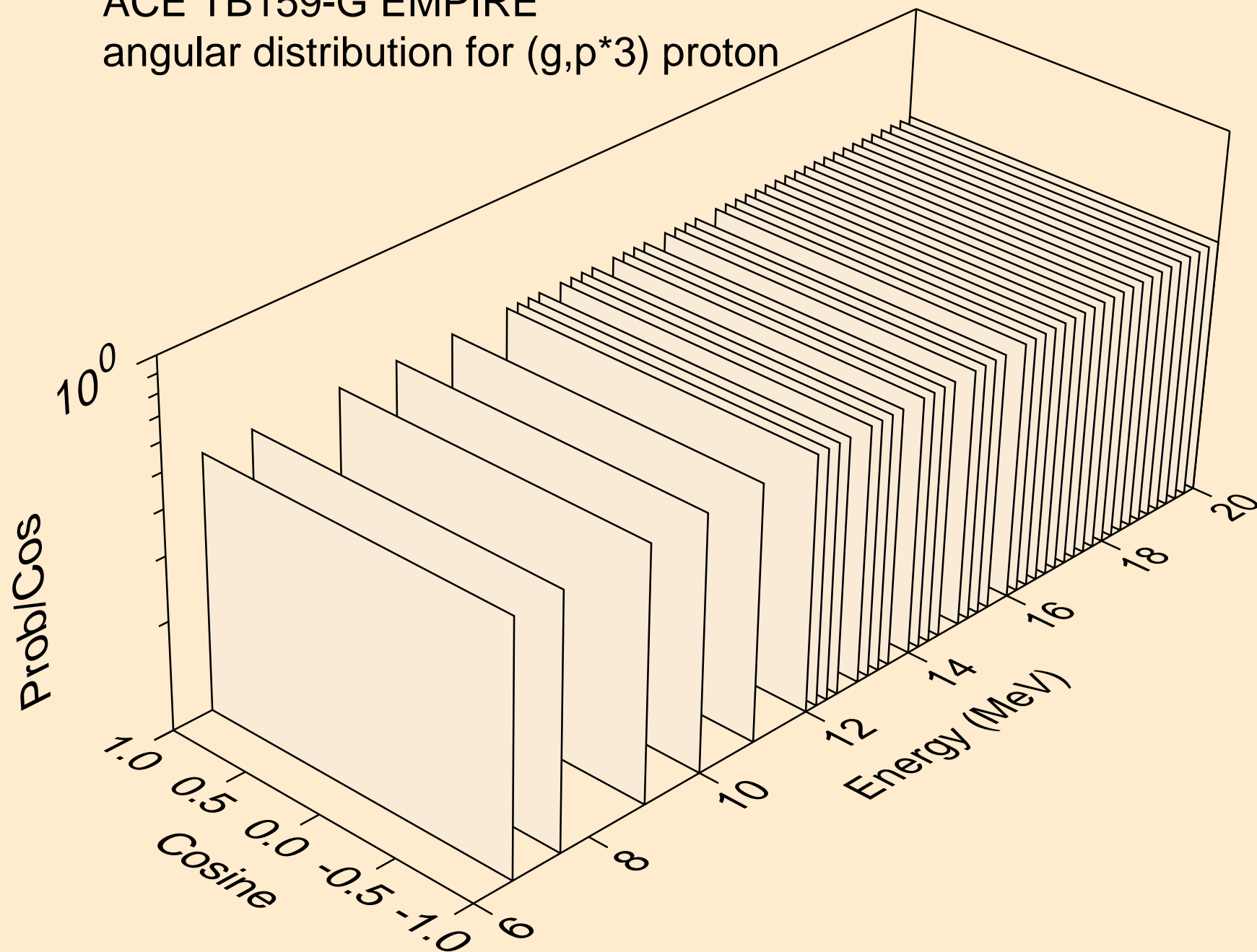
ACE TB159-G EMPIRE  
angular distribution for (g,p\*2) proton



ACE TB159-G EMPIRE  
angular distribution for (g,p\*2) proton

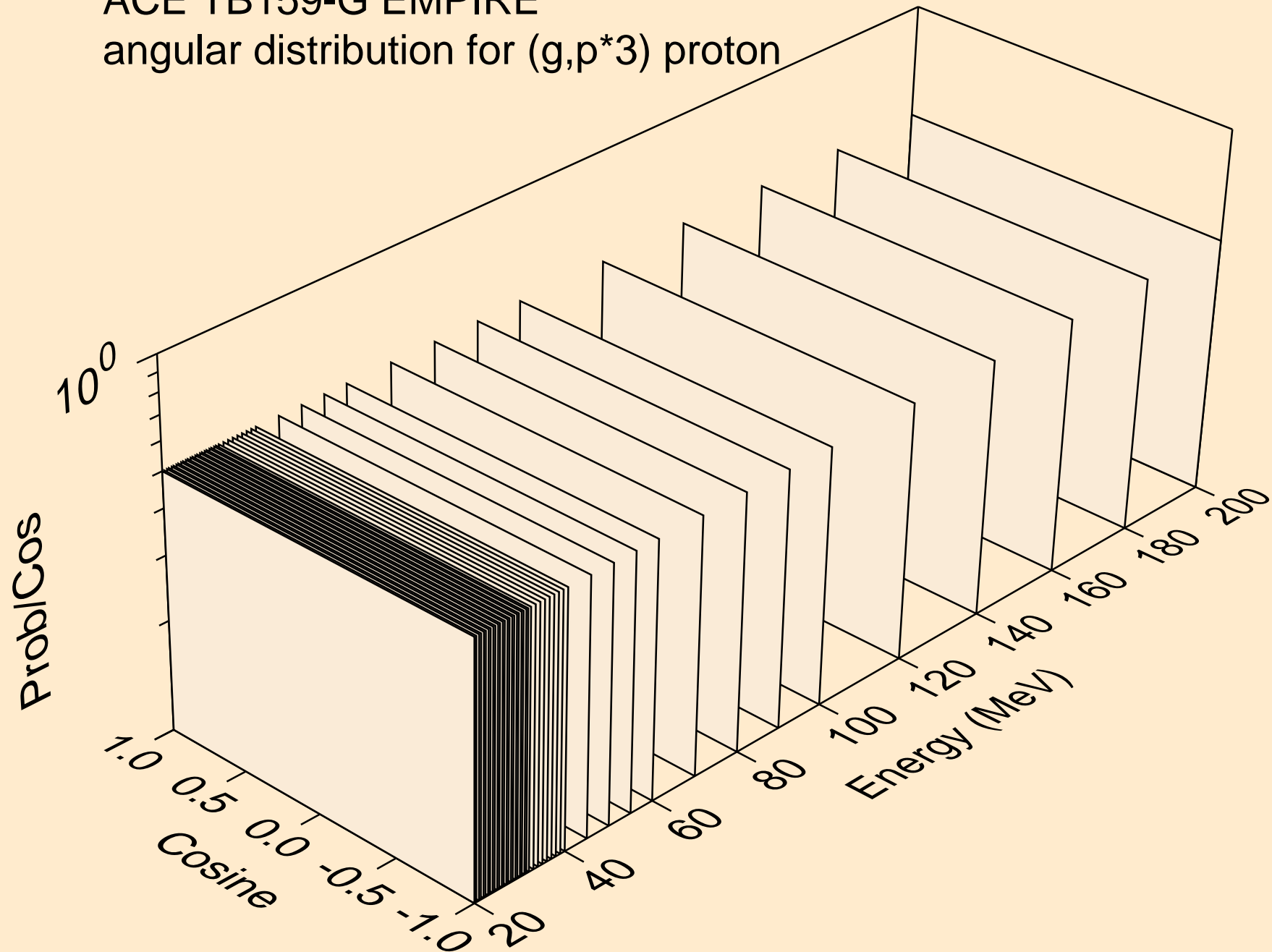


ACE TB159-G EMPIRE  
angular distribution for (g,p\*3) proton

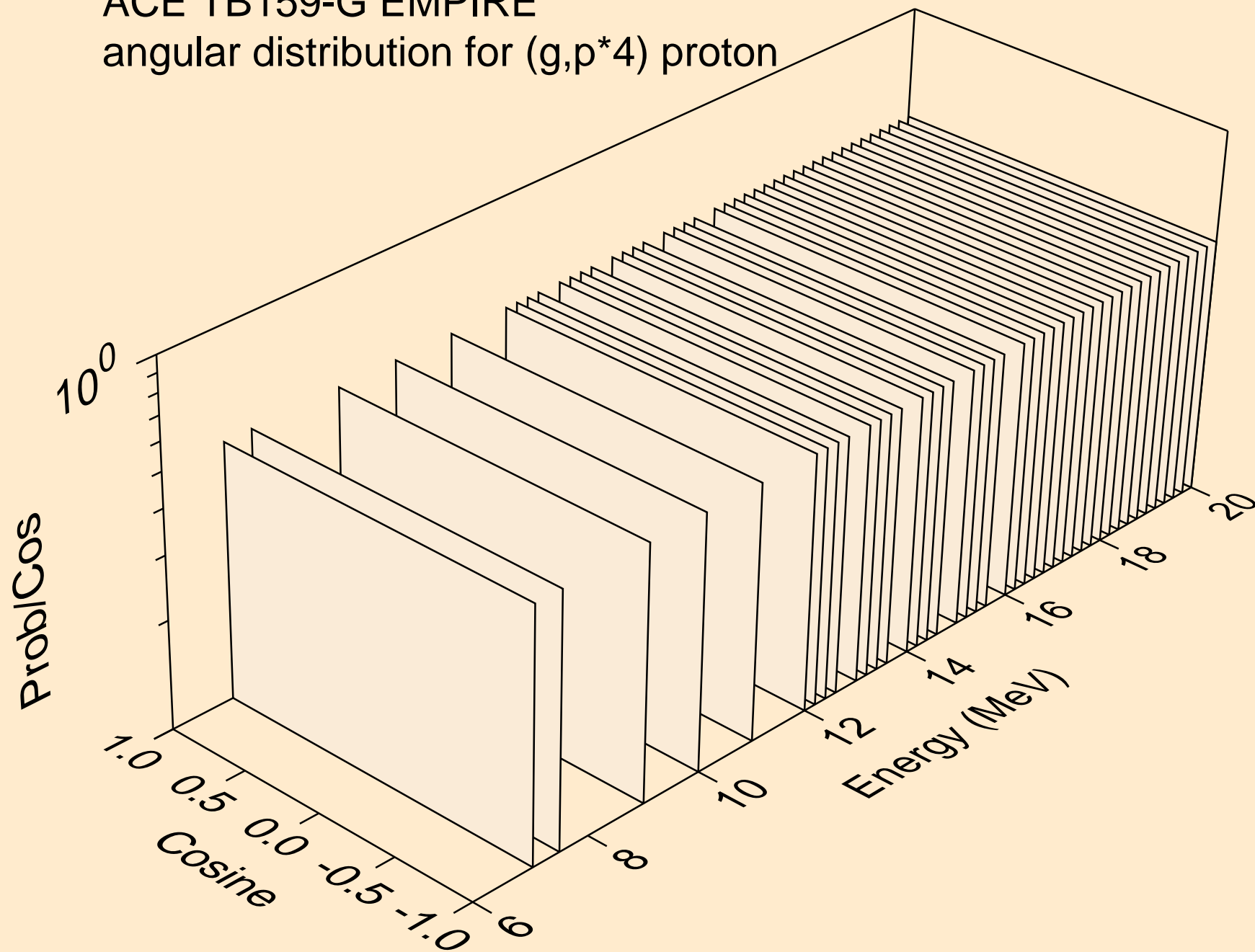




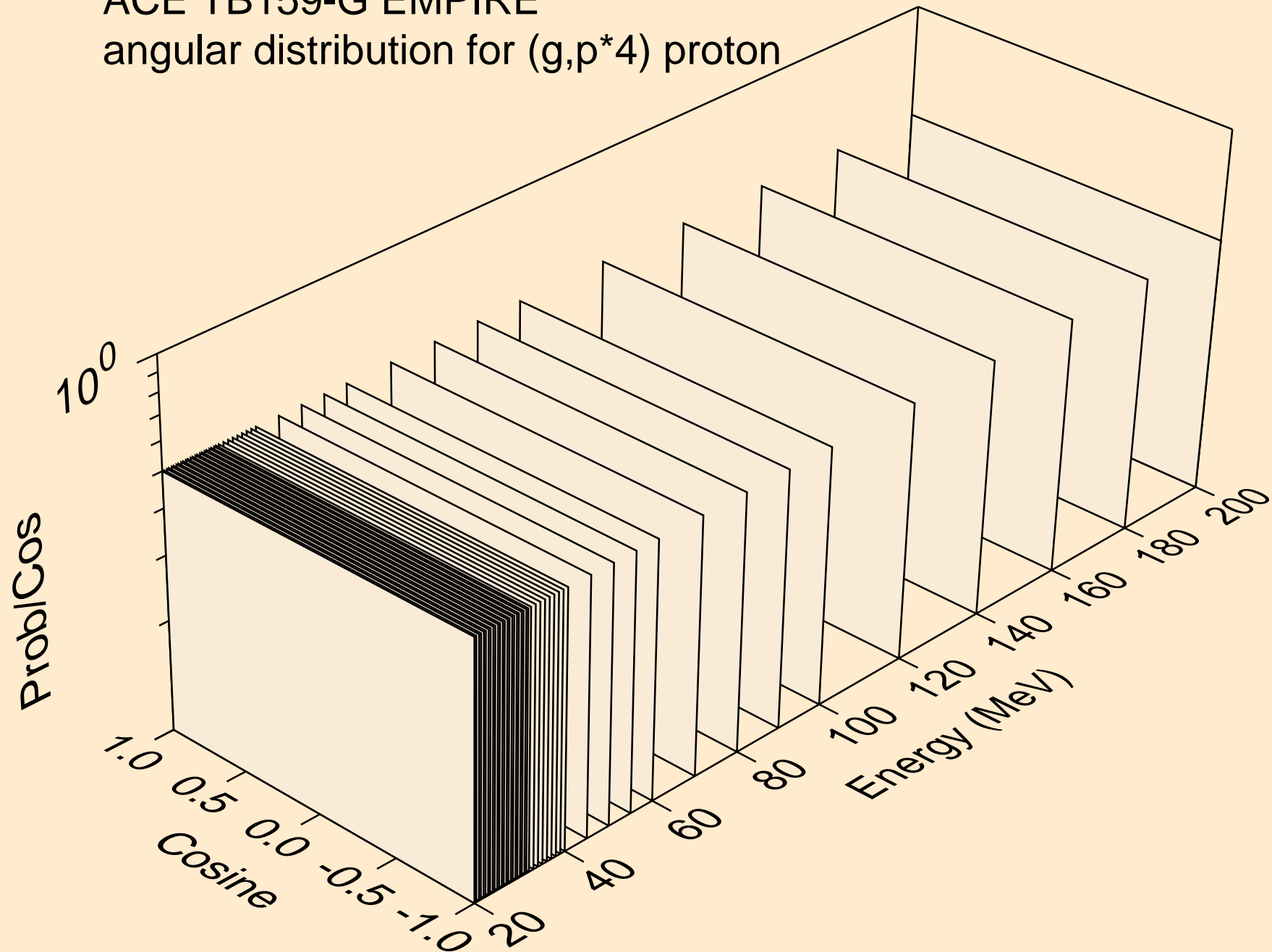
ACE TB159-G EMPIRE  
angular distribution for (g,p\*3) proton



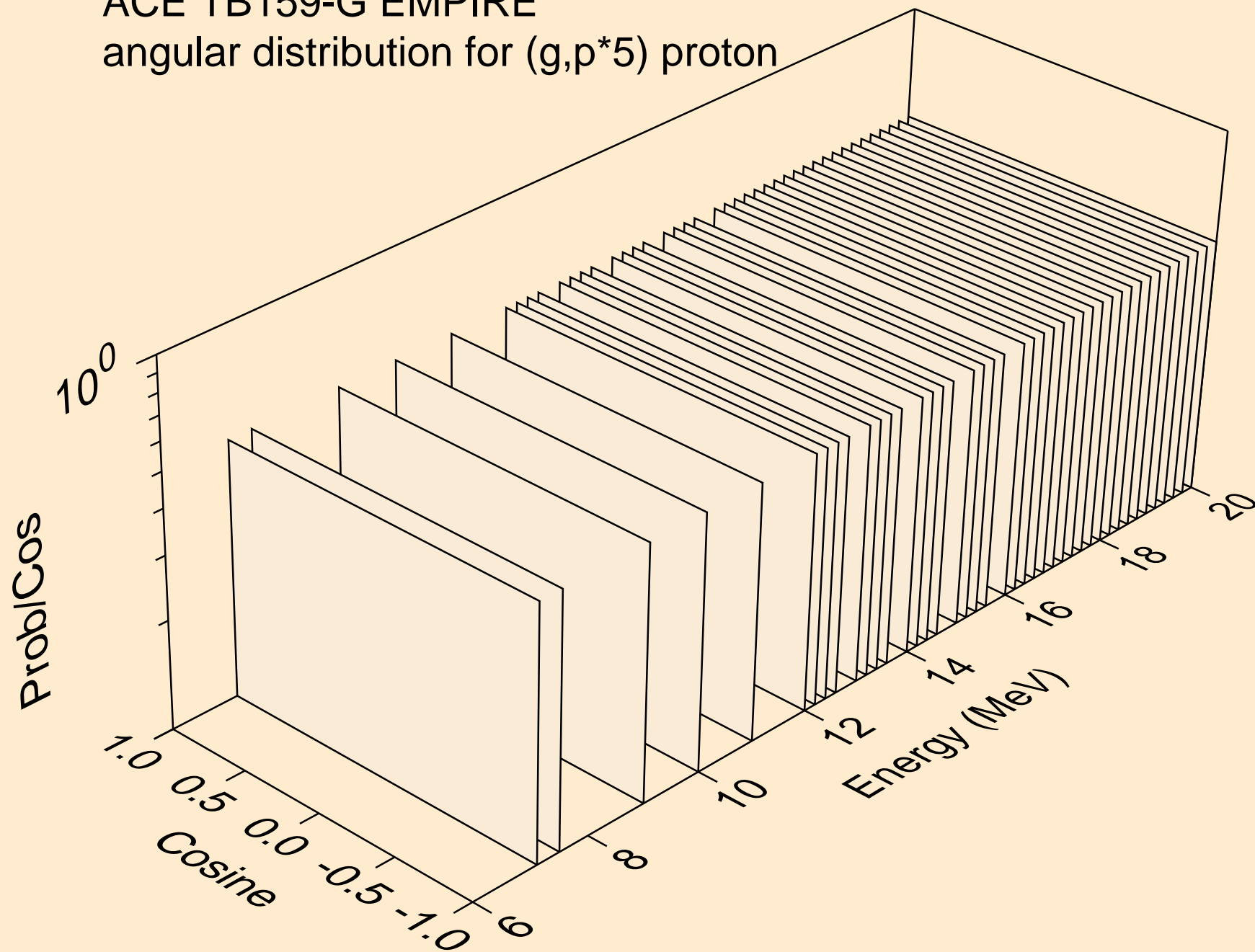
ACE TB159-G EMPIRE  
angular distribution for (g,p\*4) proton



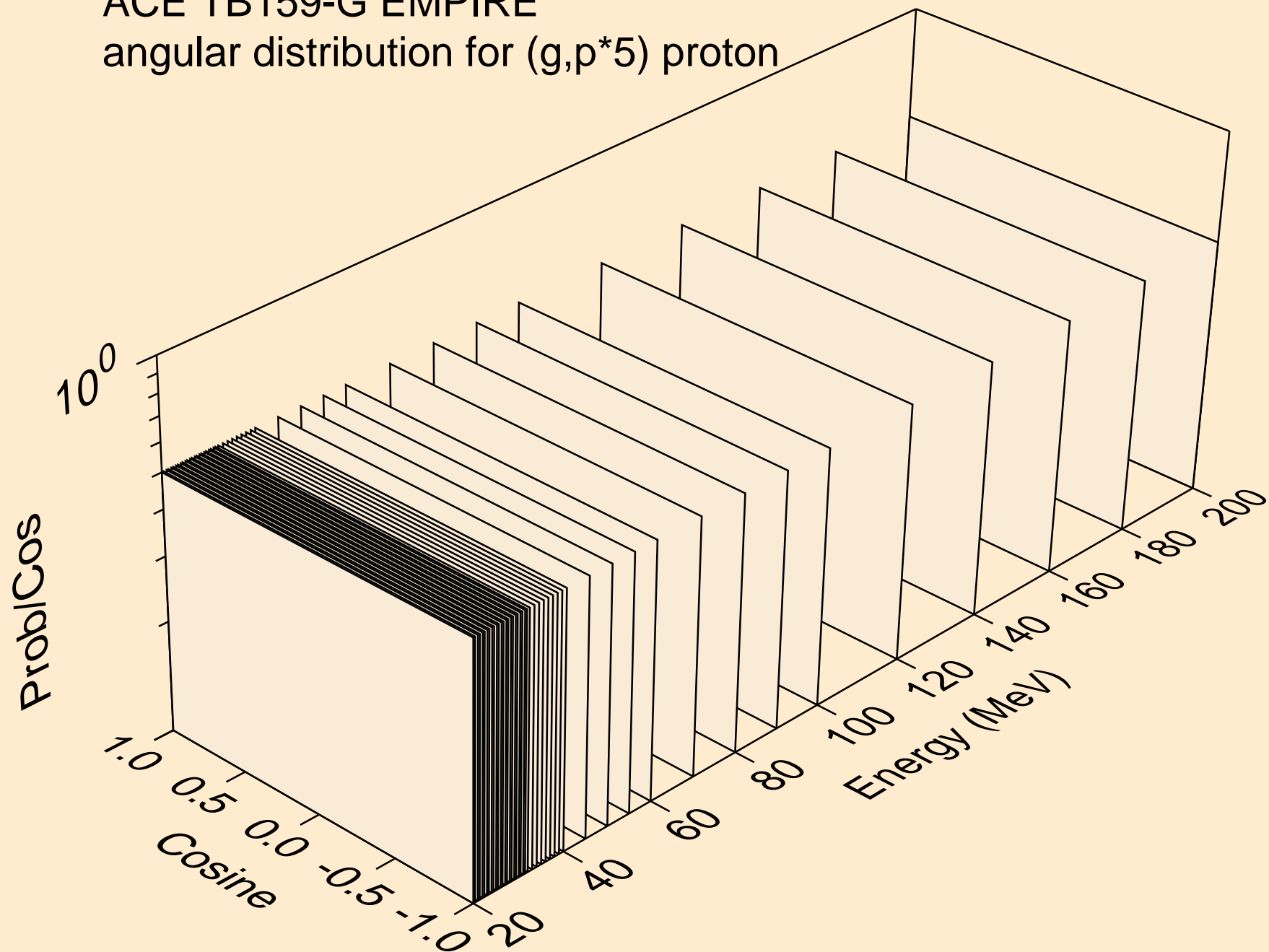
ACE TB159-G EMPIRE  
angular distribution for (g,p\*4) proton



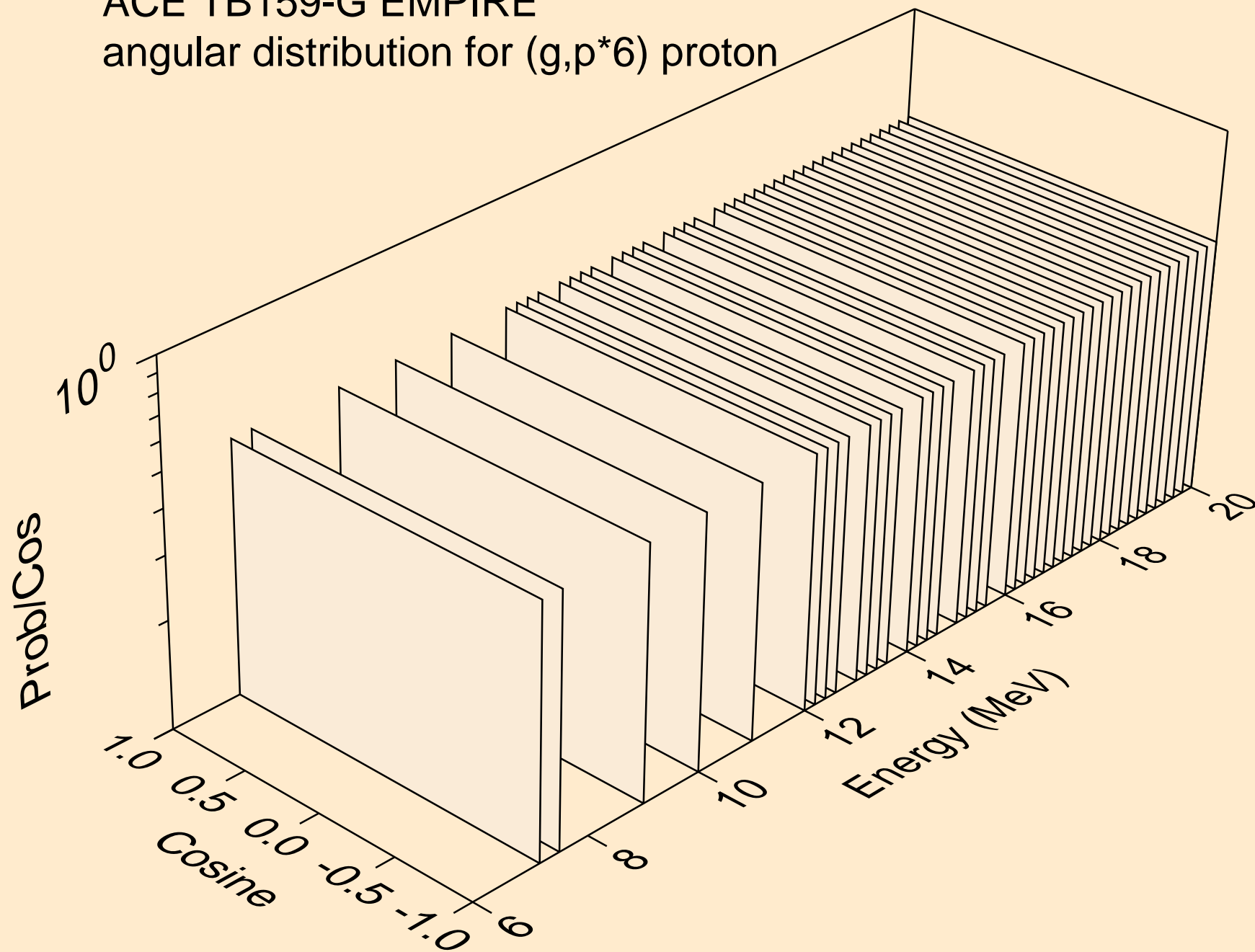
ACE TB159-G EMPIRE  
angular distribution for (g,p\*5) proton



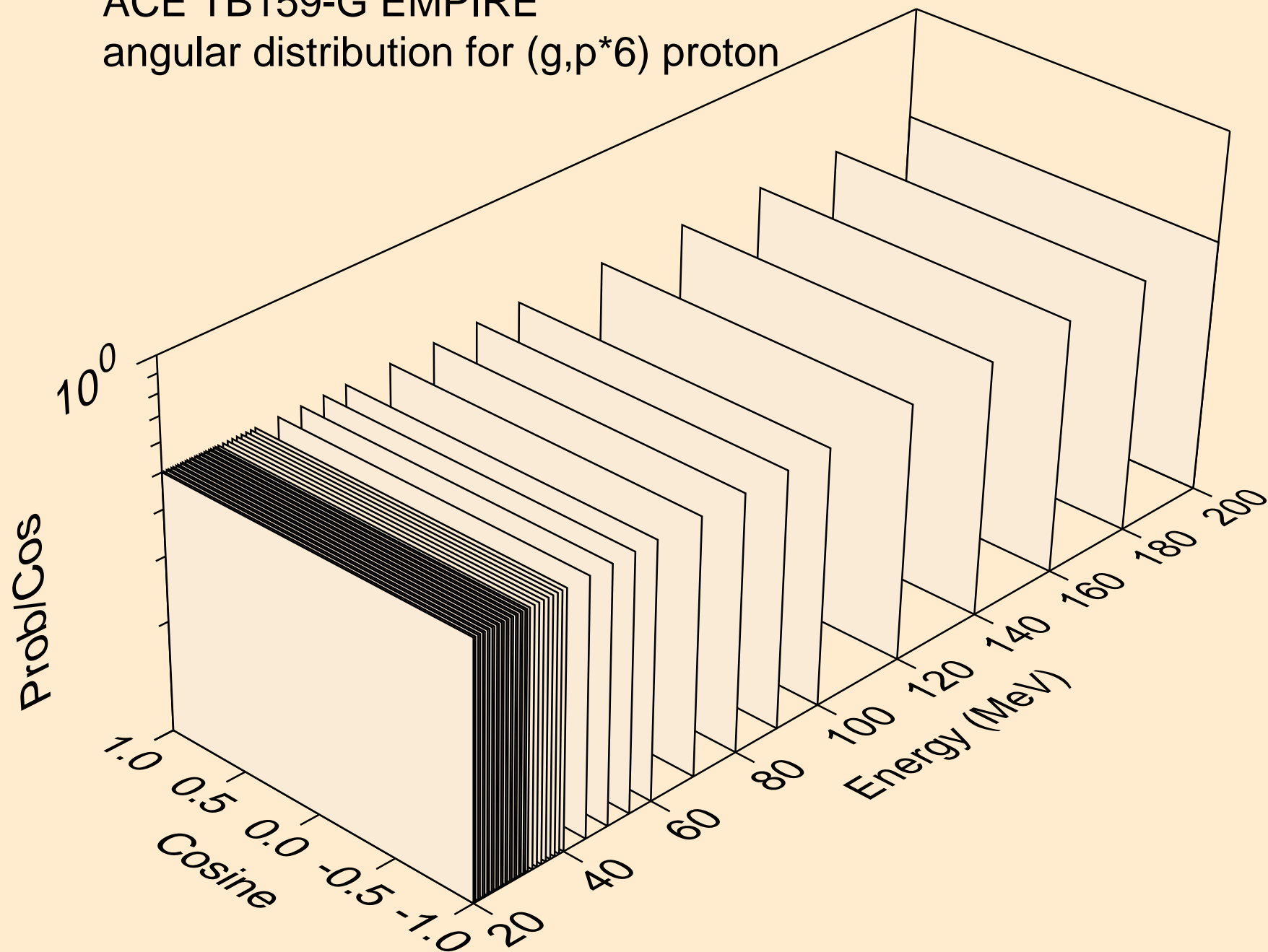
ACE TB159-G EMPIRE  
angular distribution for (g,p\*5) proton



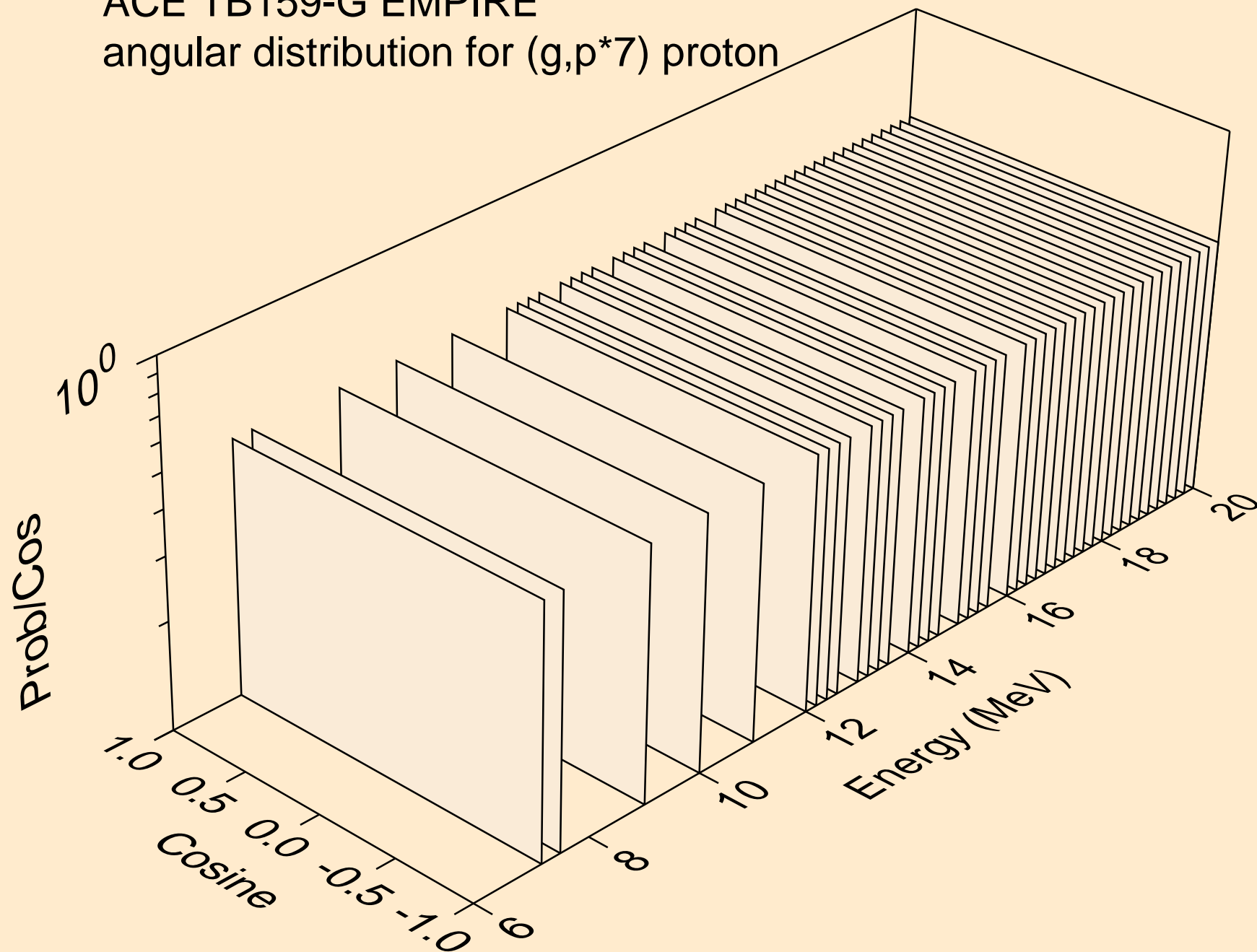
ACE TB159-G EMPIRE  
angular distribution for (g,p\*6) proton



ACE TB159-G EMPIRE  
angular distribution for (g,p\*6) proton

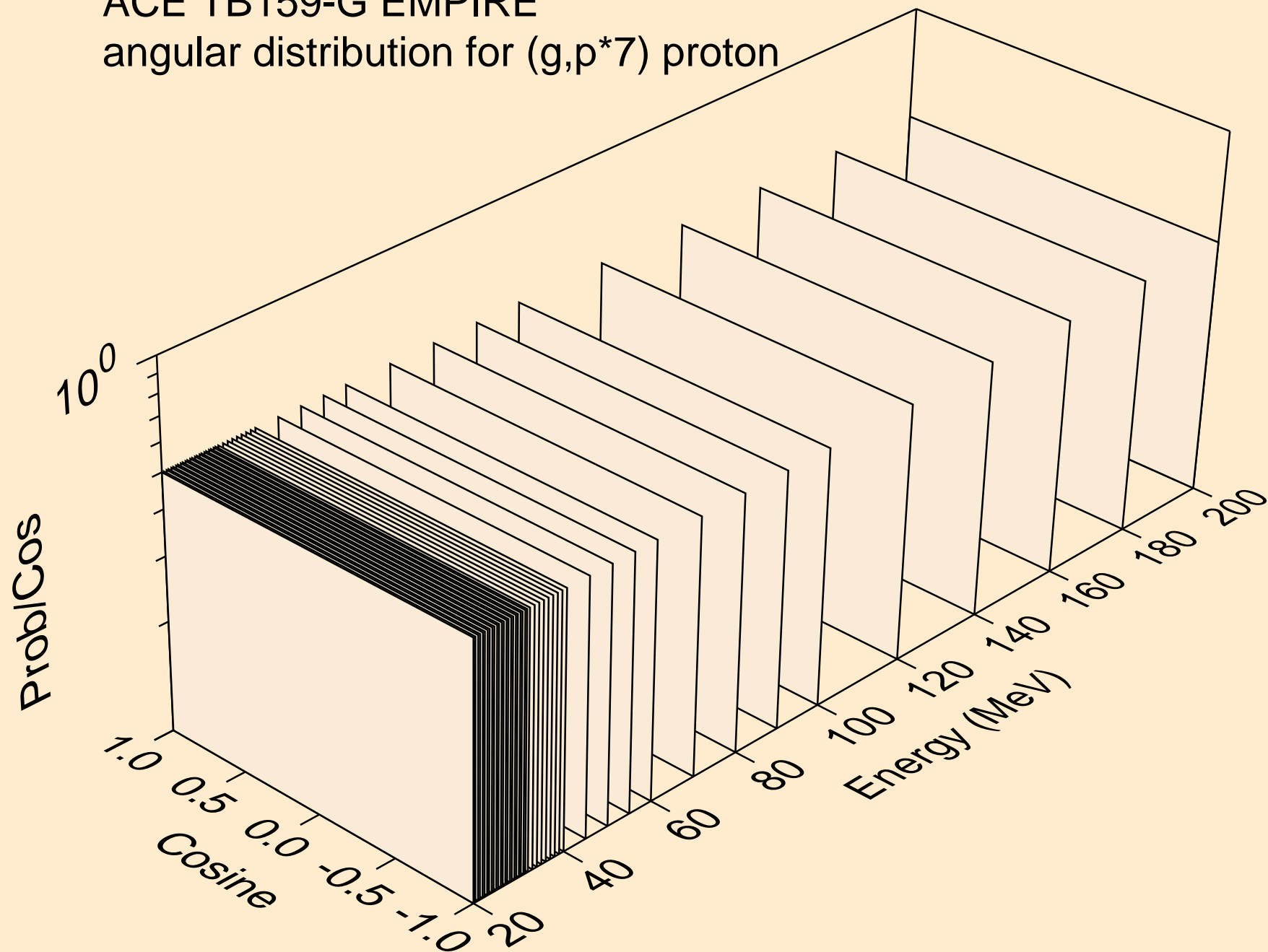


ACE TB159-G EMPIRE  
angular distribution for (g,p\*7) proton

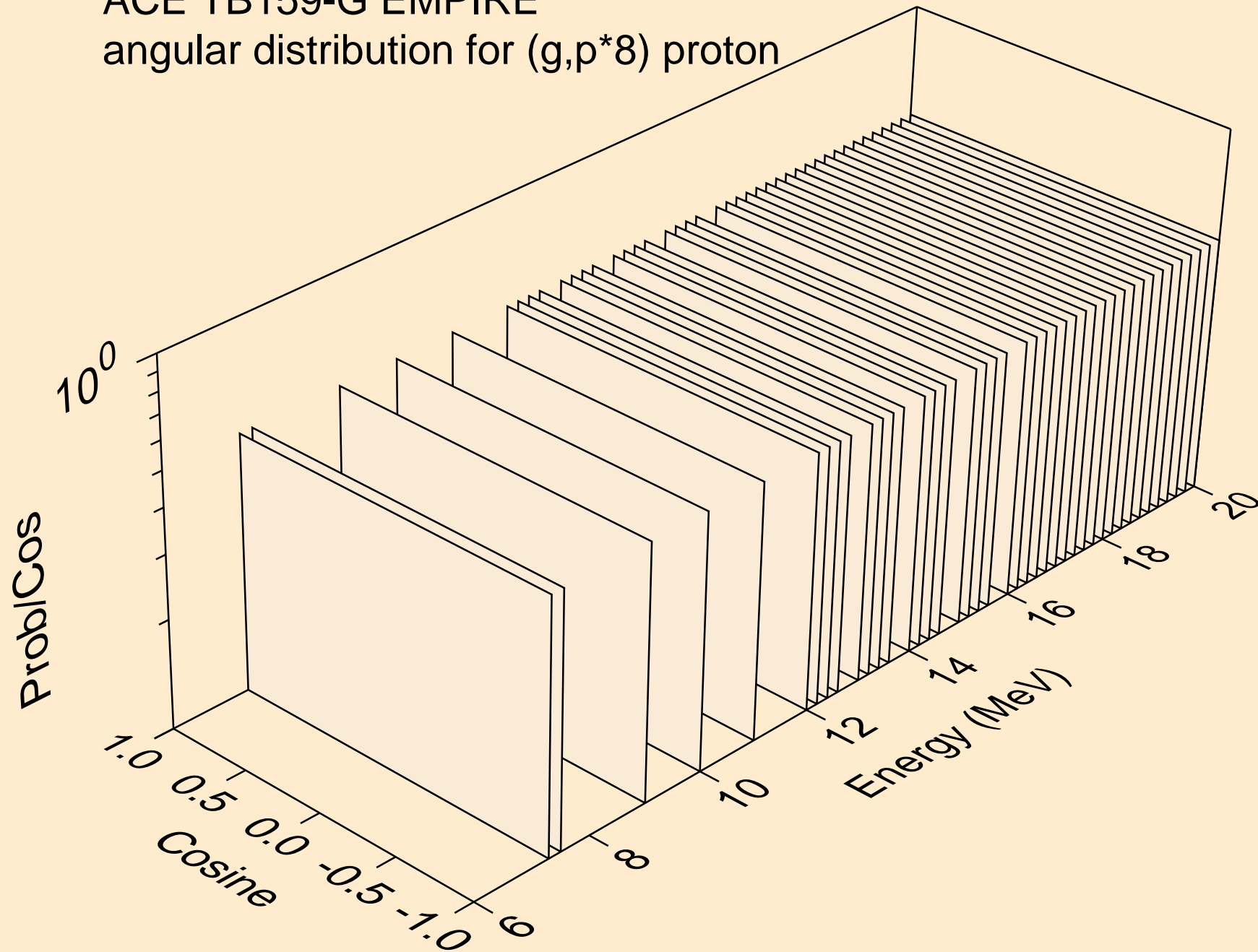




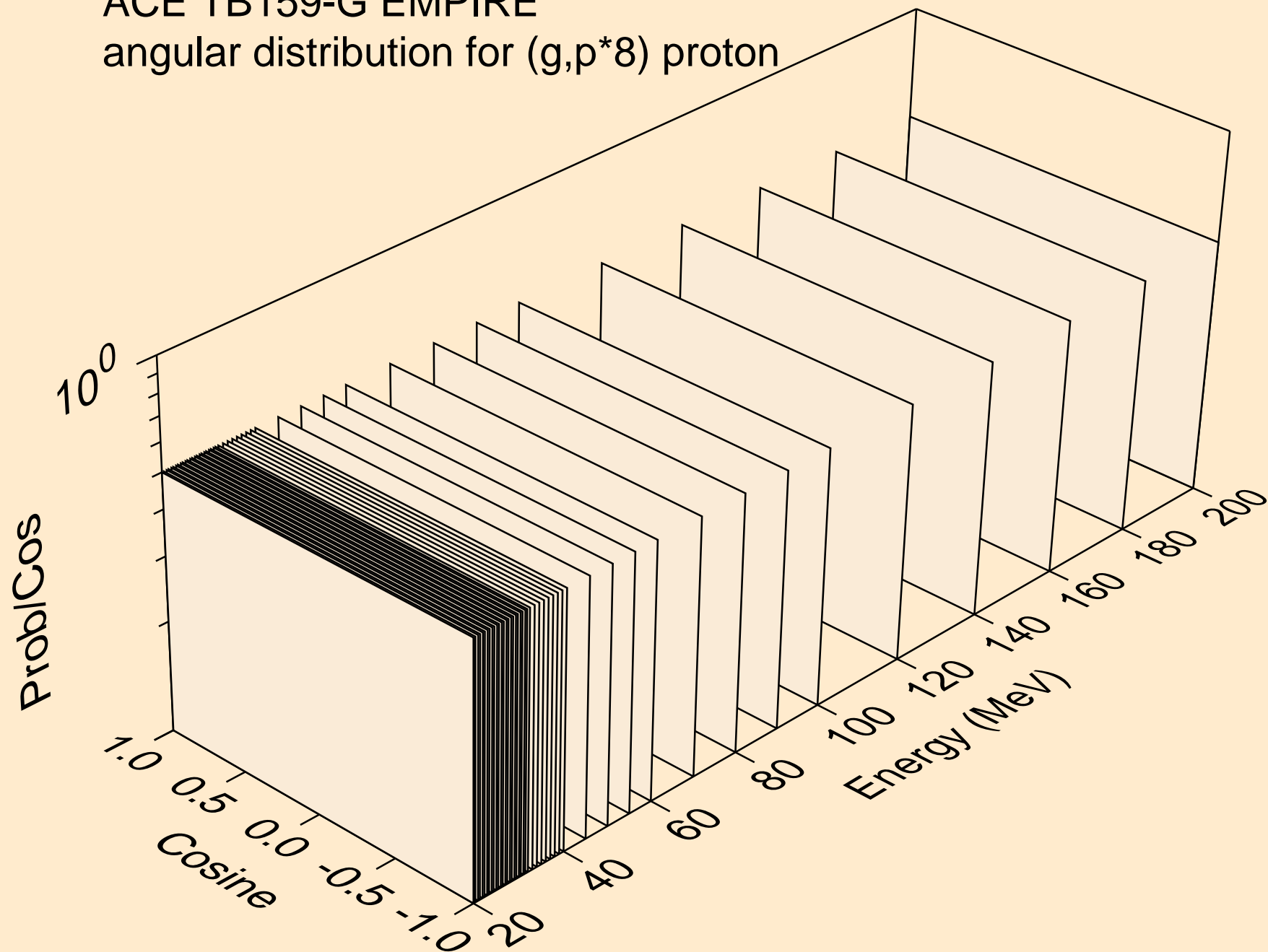
ACE TB159-G EMPIRE  
angular distribution for (g,p\*7) proton



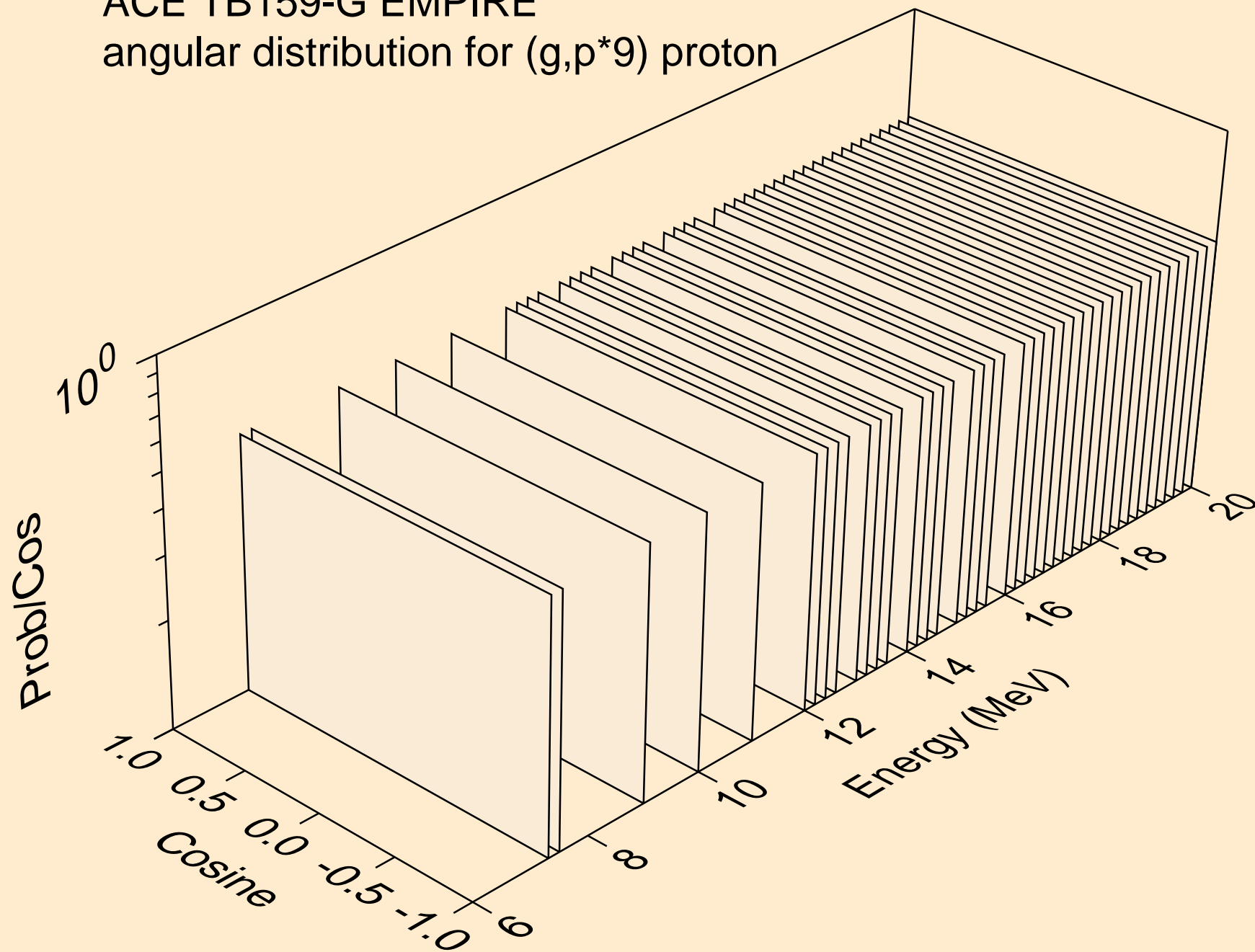
ACE TB159-G EMPIRE  
angular distribution for (g,p\*8) proton



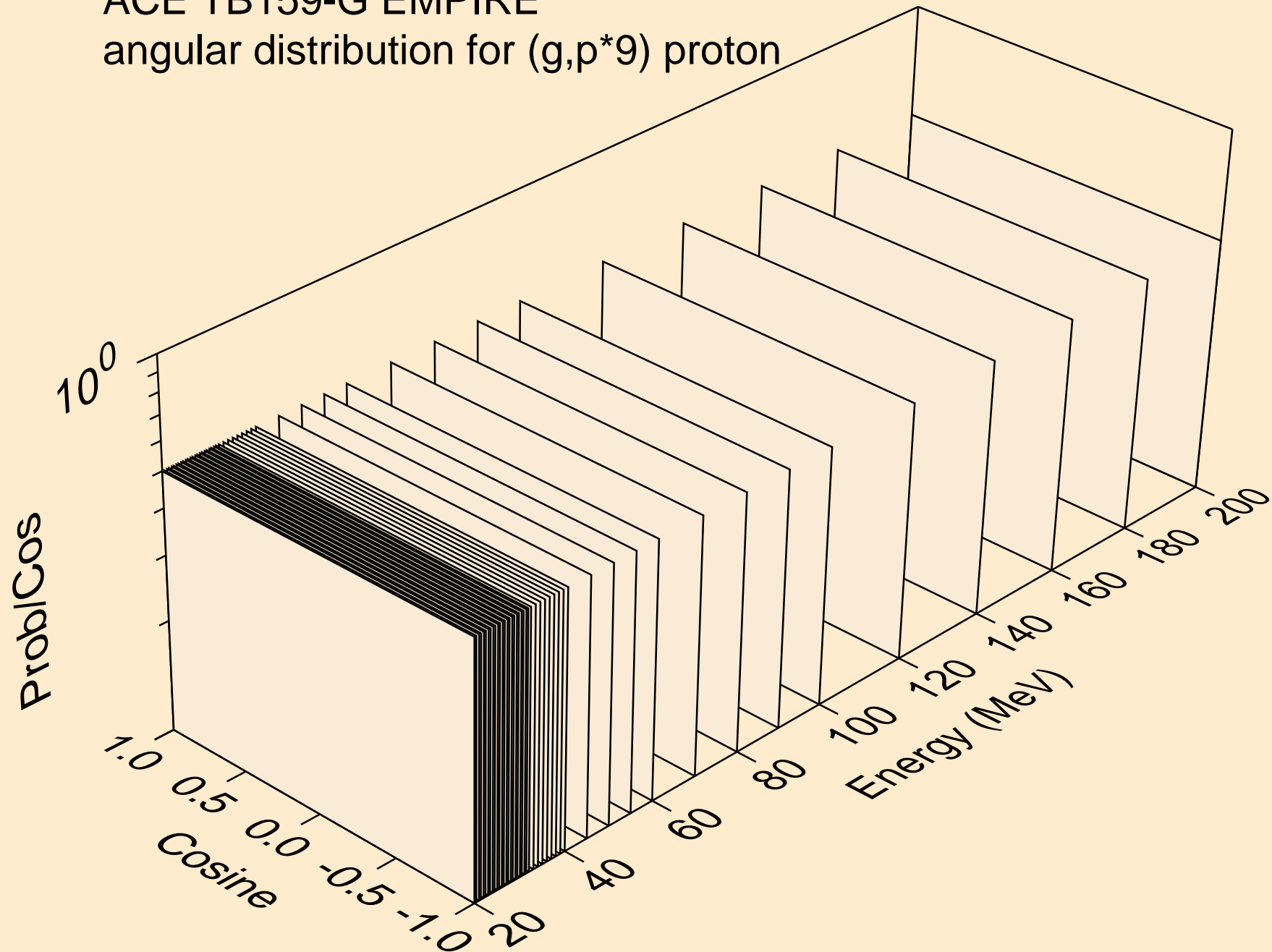
ACE TB159-G EMPIRE  
angular distribution for (g,p\*8) proton



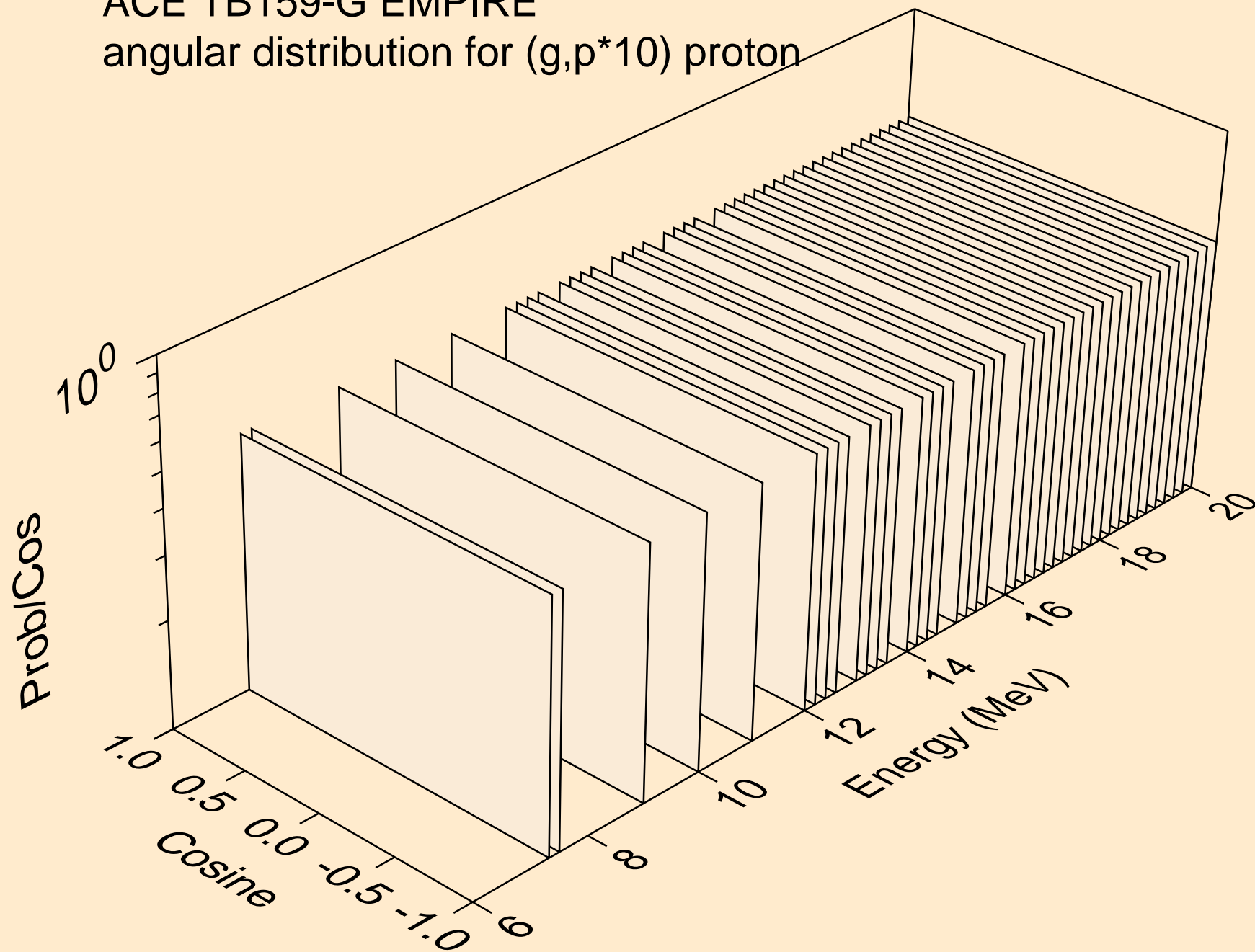
ACE TB159-G EMPIRE  
angular distribution for (g,p\*9) proton



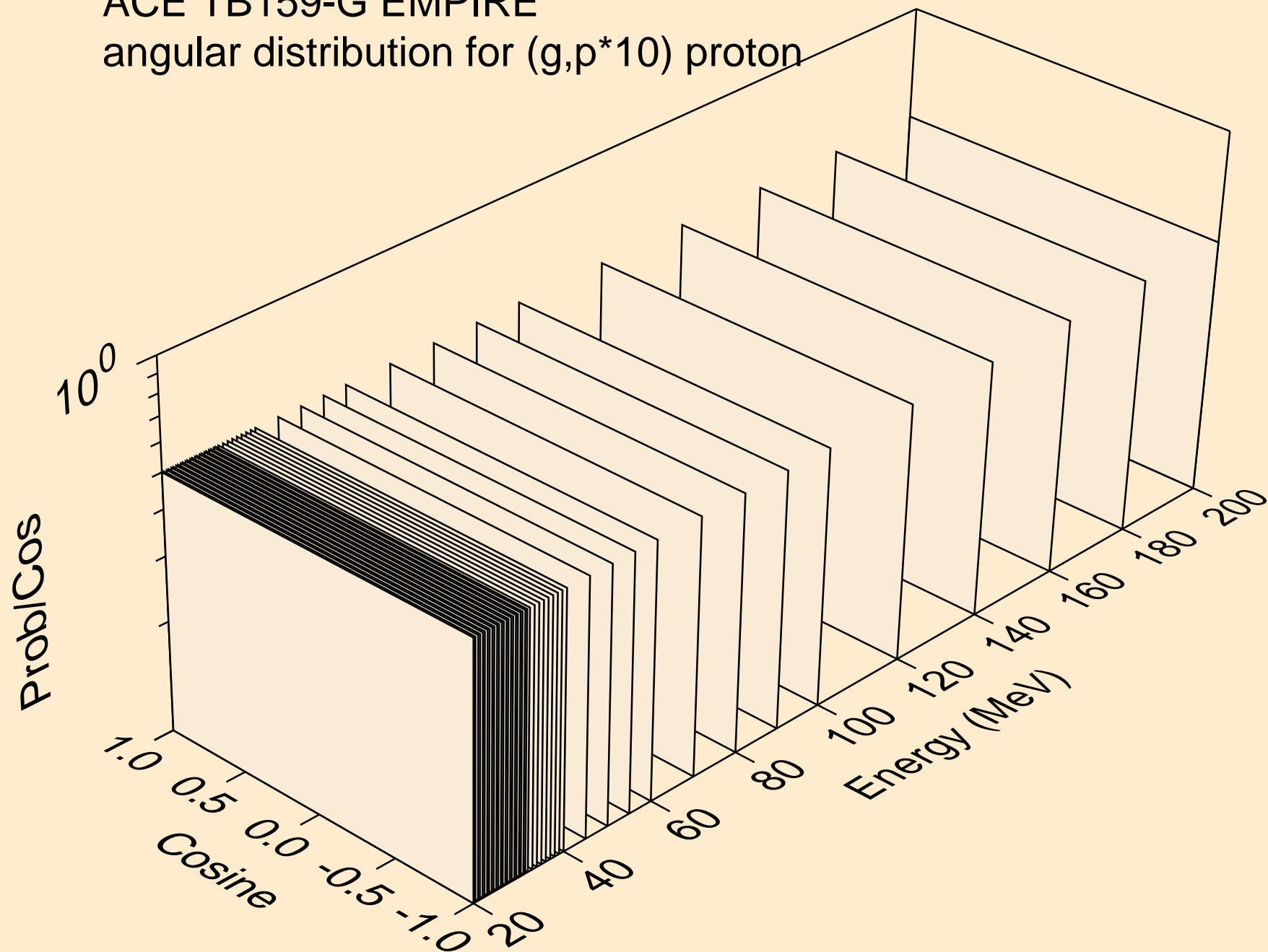
ACE TB159-G EMPIRE  
angular distribution for (g,p\*9) proton



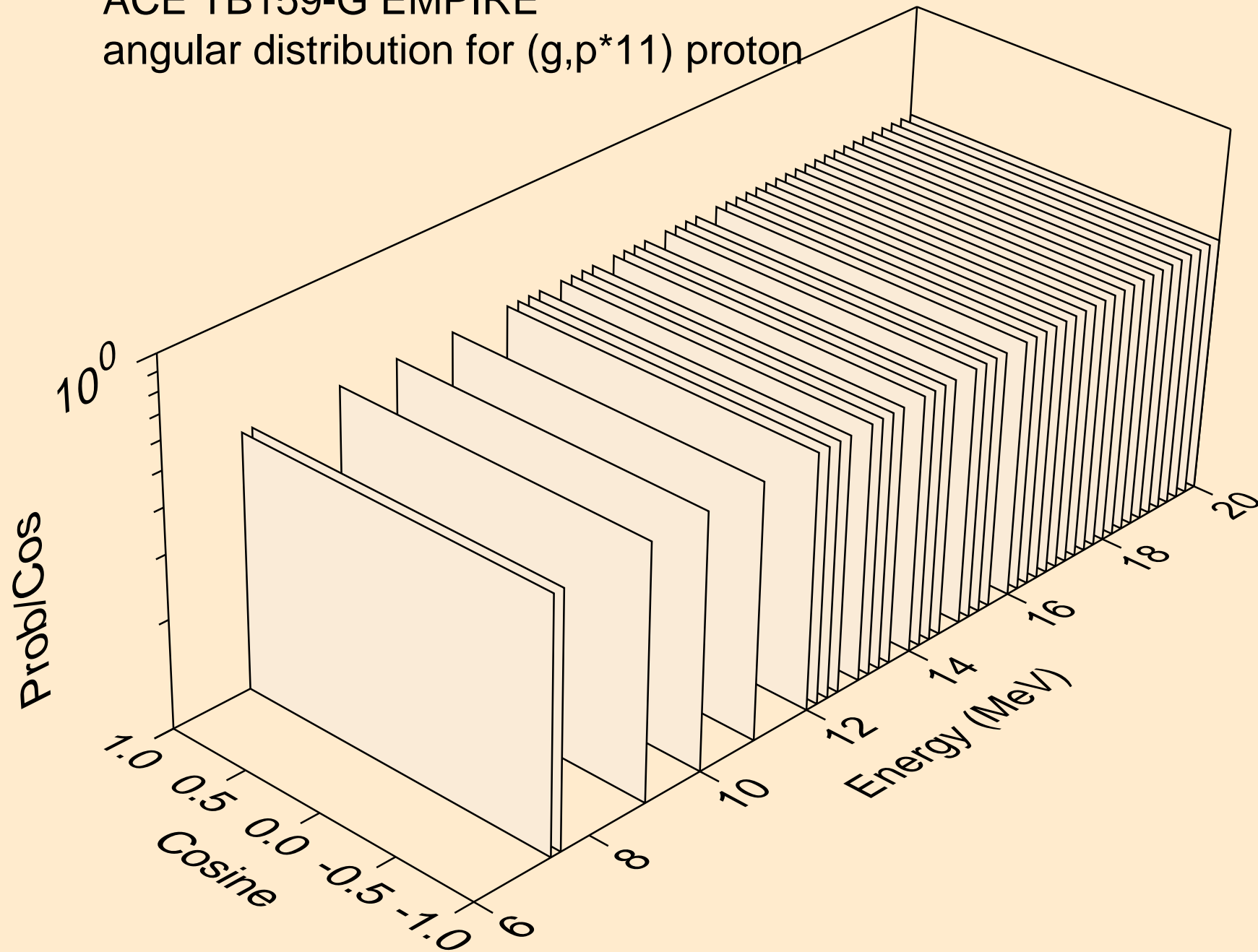
ACE TB159-G EMPIRE  
angular distribution for (g,p\*10) proton



ACE TB159-G EMPIRE  
angular distribution for (g,p\*10) proton

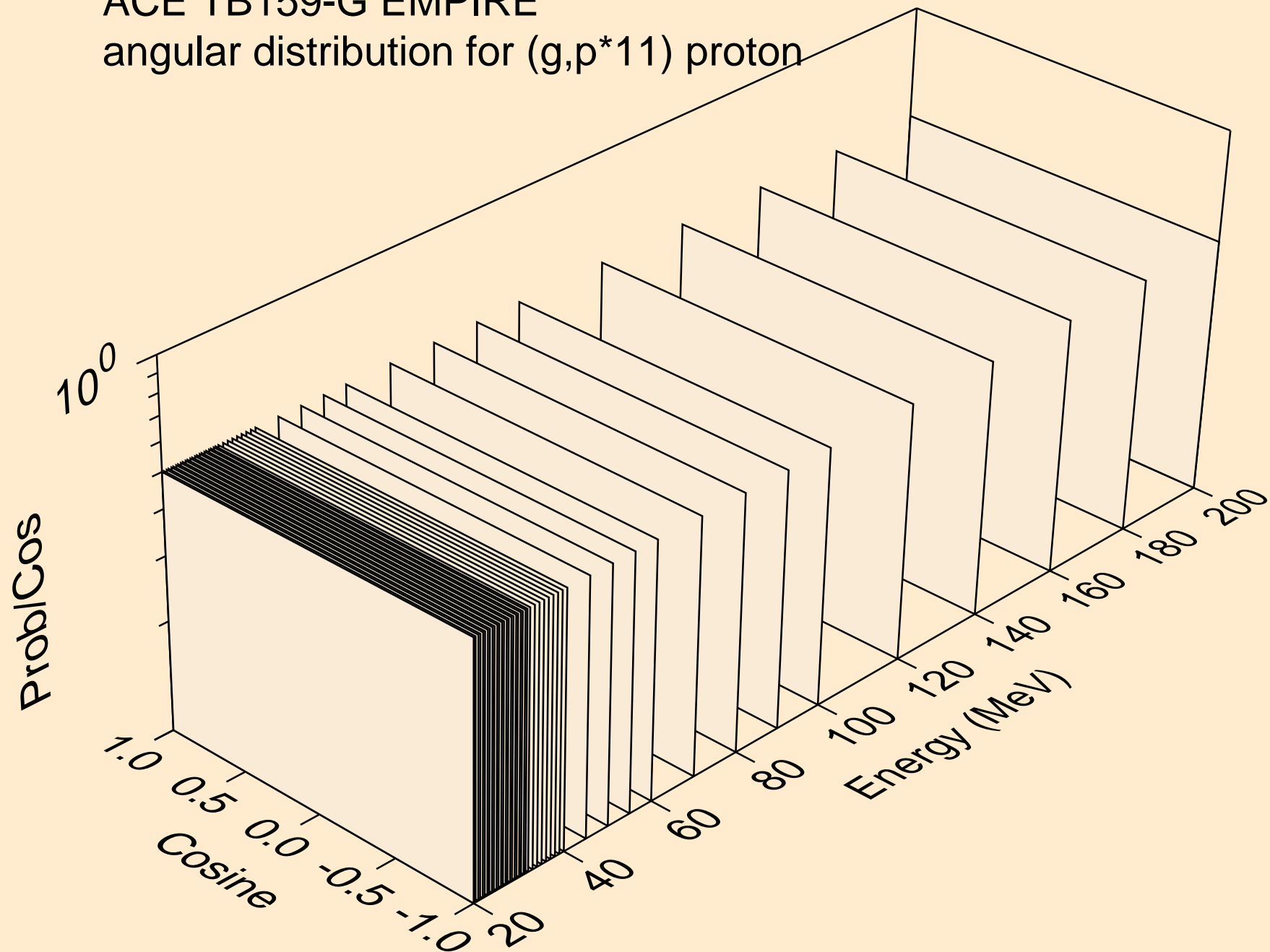


ACE TB159-G EMPIRE  
angular distribution for (g,p\*11) proton

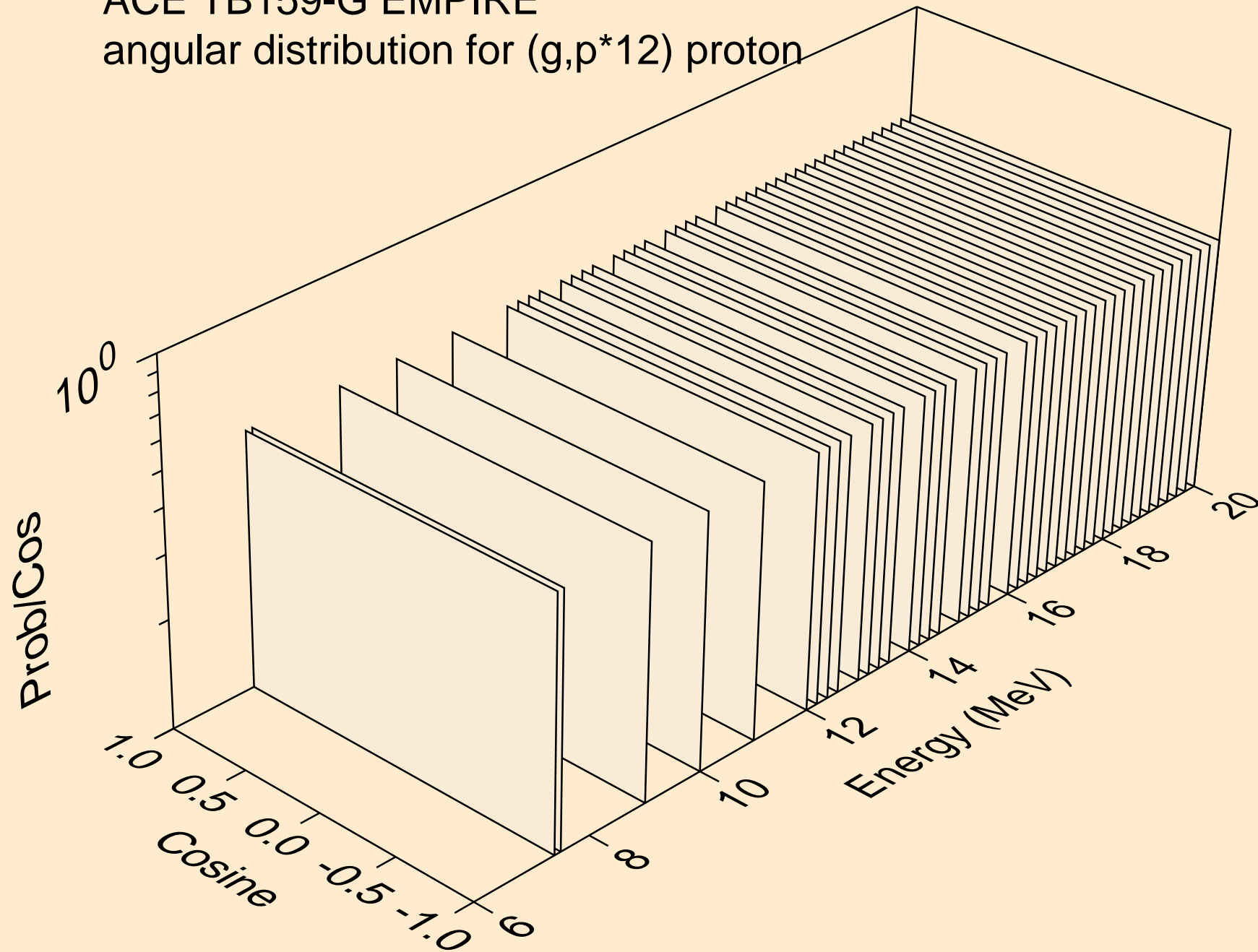




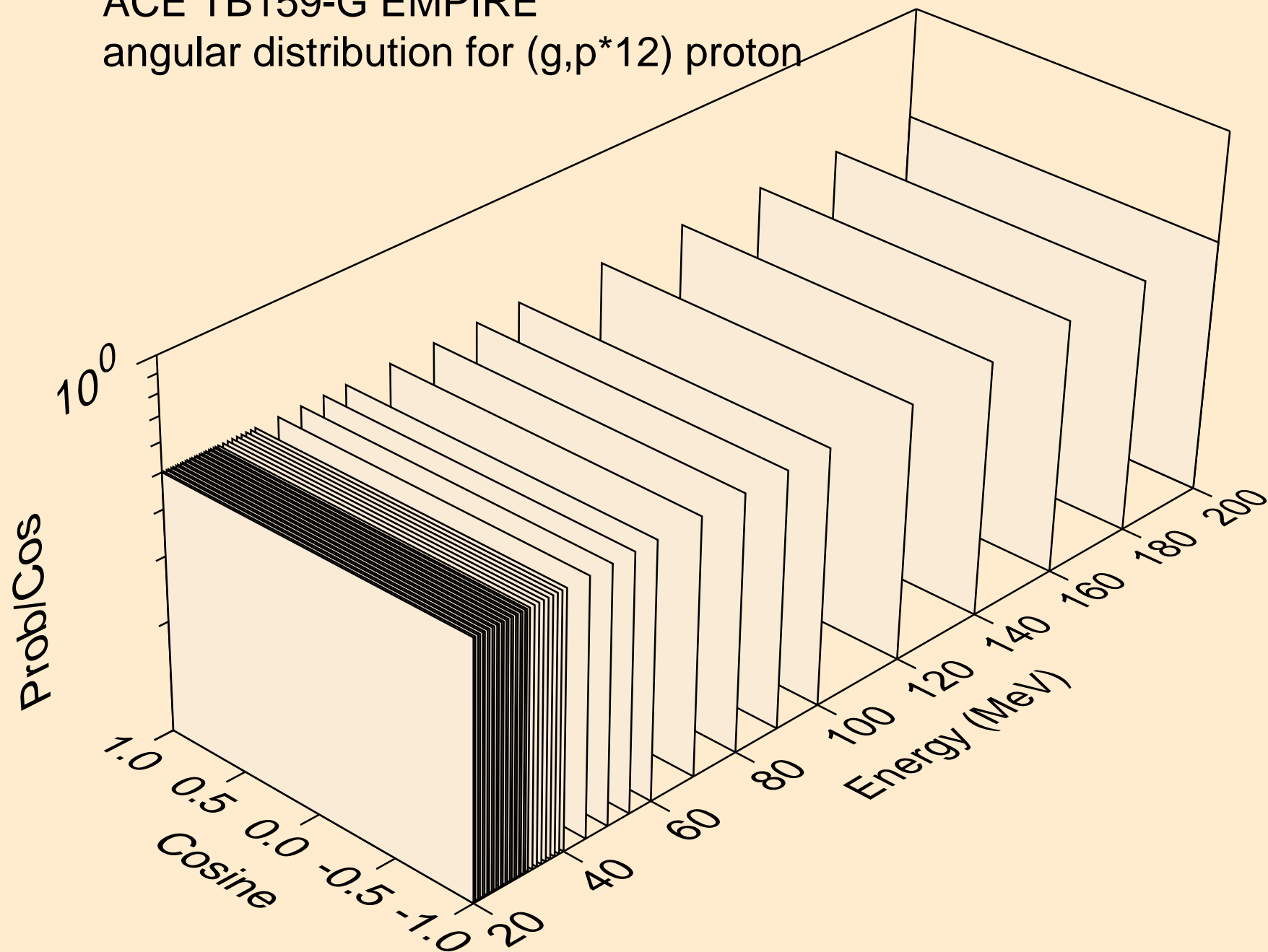
ACE TB159-G EMPIRE  
angular distribution for (g,p\*11) proton



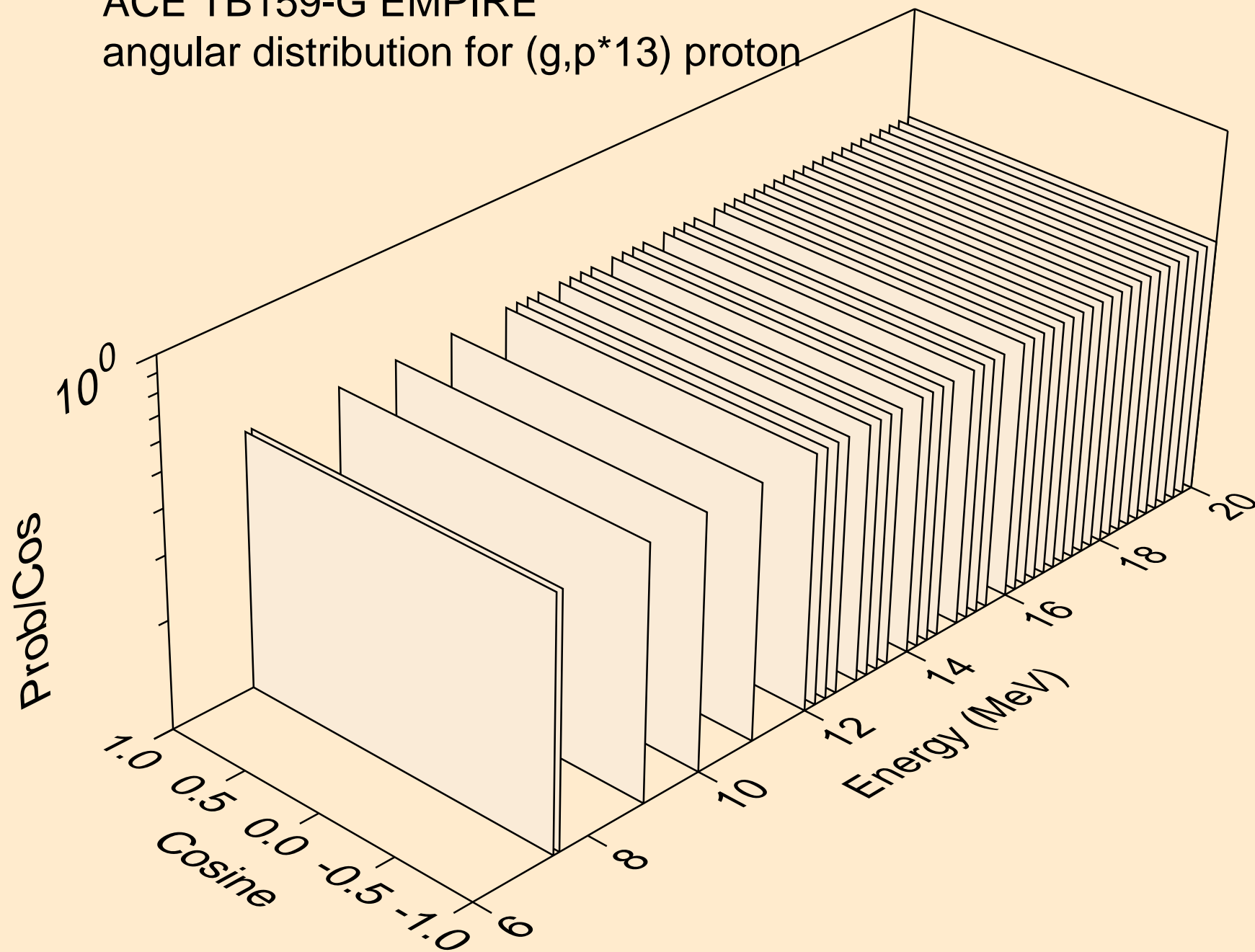
ACE TB159-G EMPIRE  
angular distribution for (g,p\*12) proton



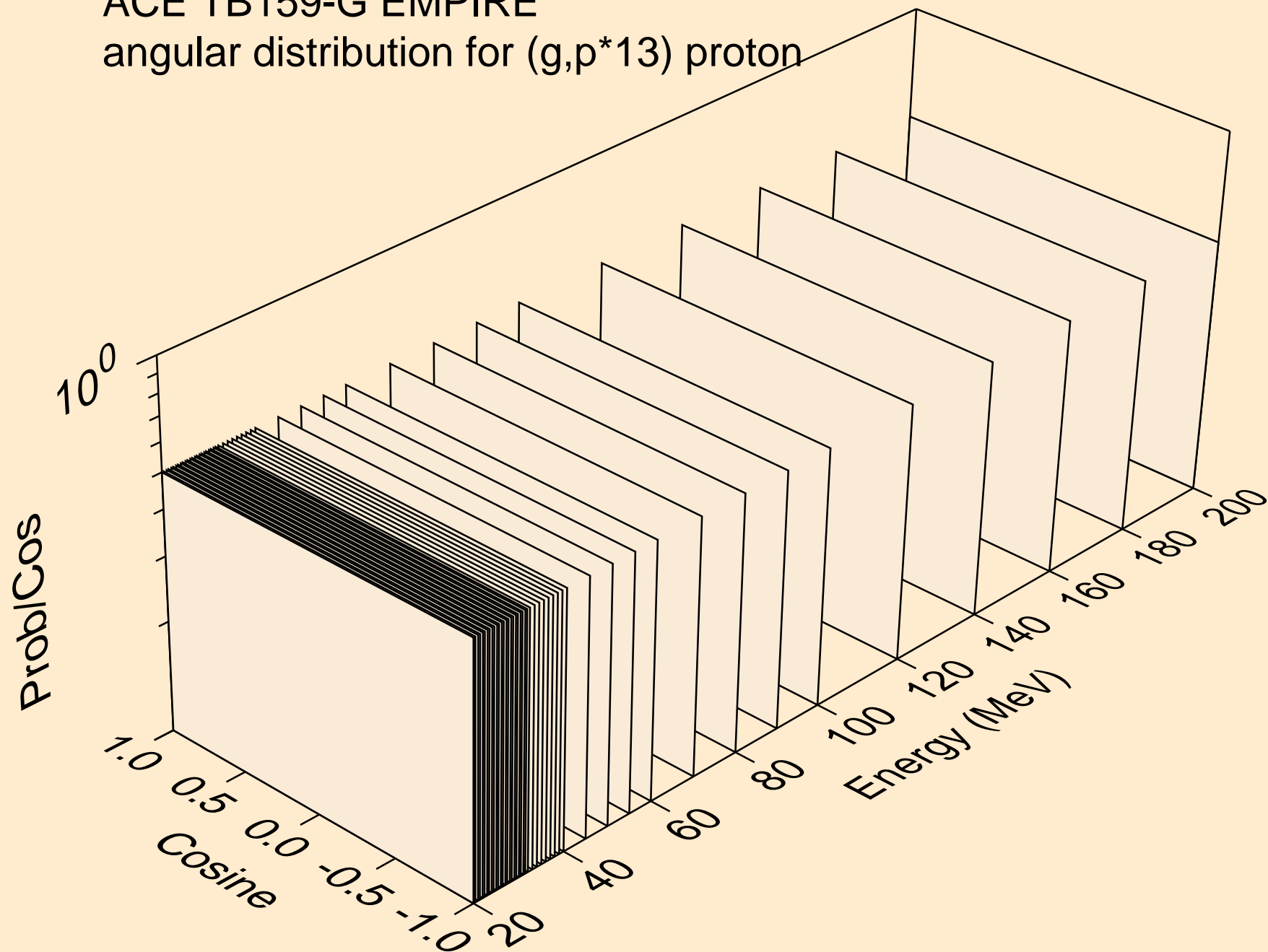
ACE TB159-G EMPIRE  
angular distribution for (g,p\*12) proton



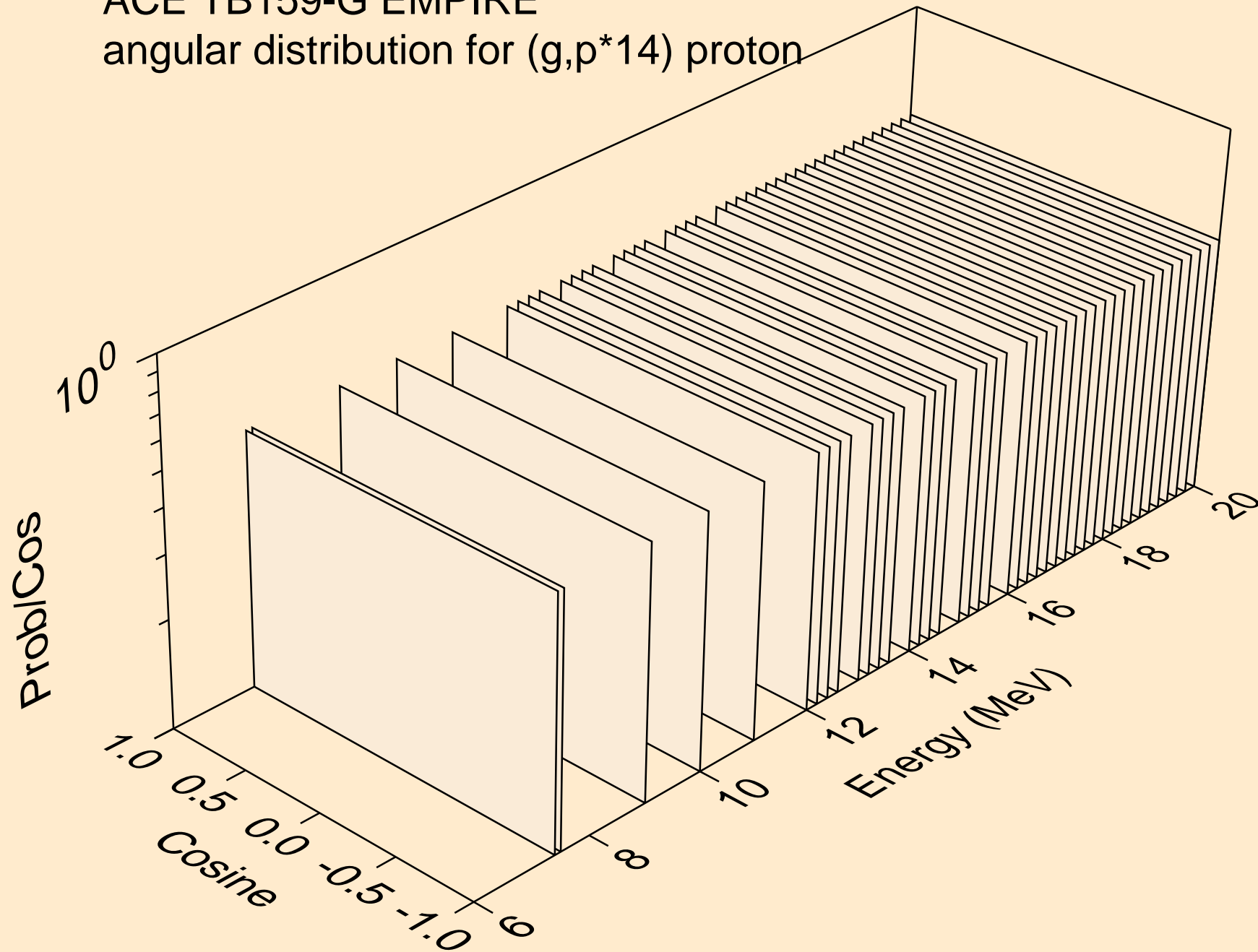
ACE TB159-G EMPIRE  
angular distribution for (g,p\*13) proton



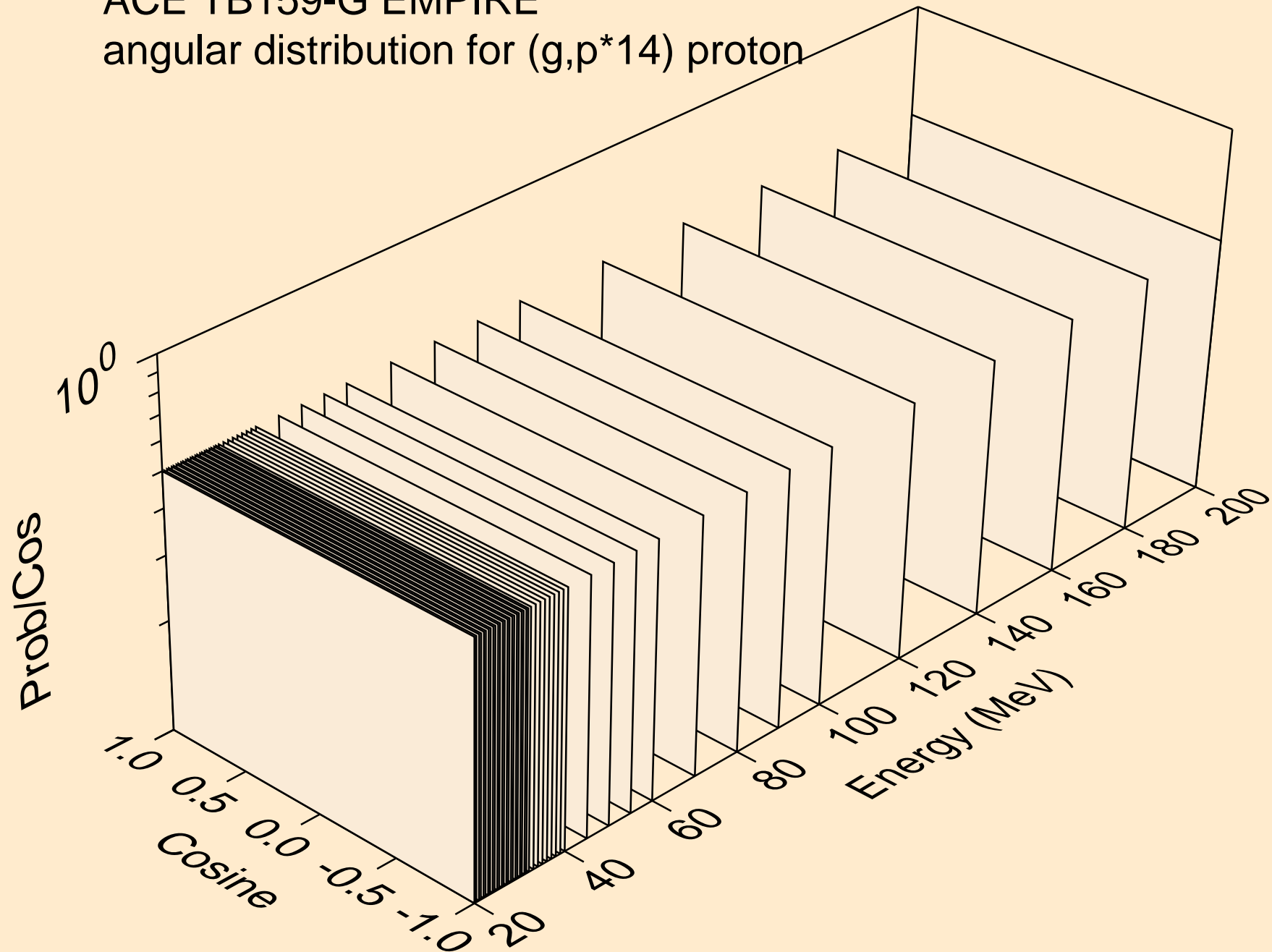
ACE TB159-G EMPIRE  
angular distribution for (g,p\*13) proton



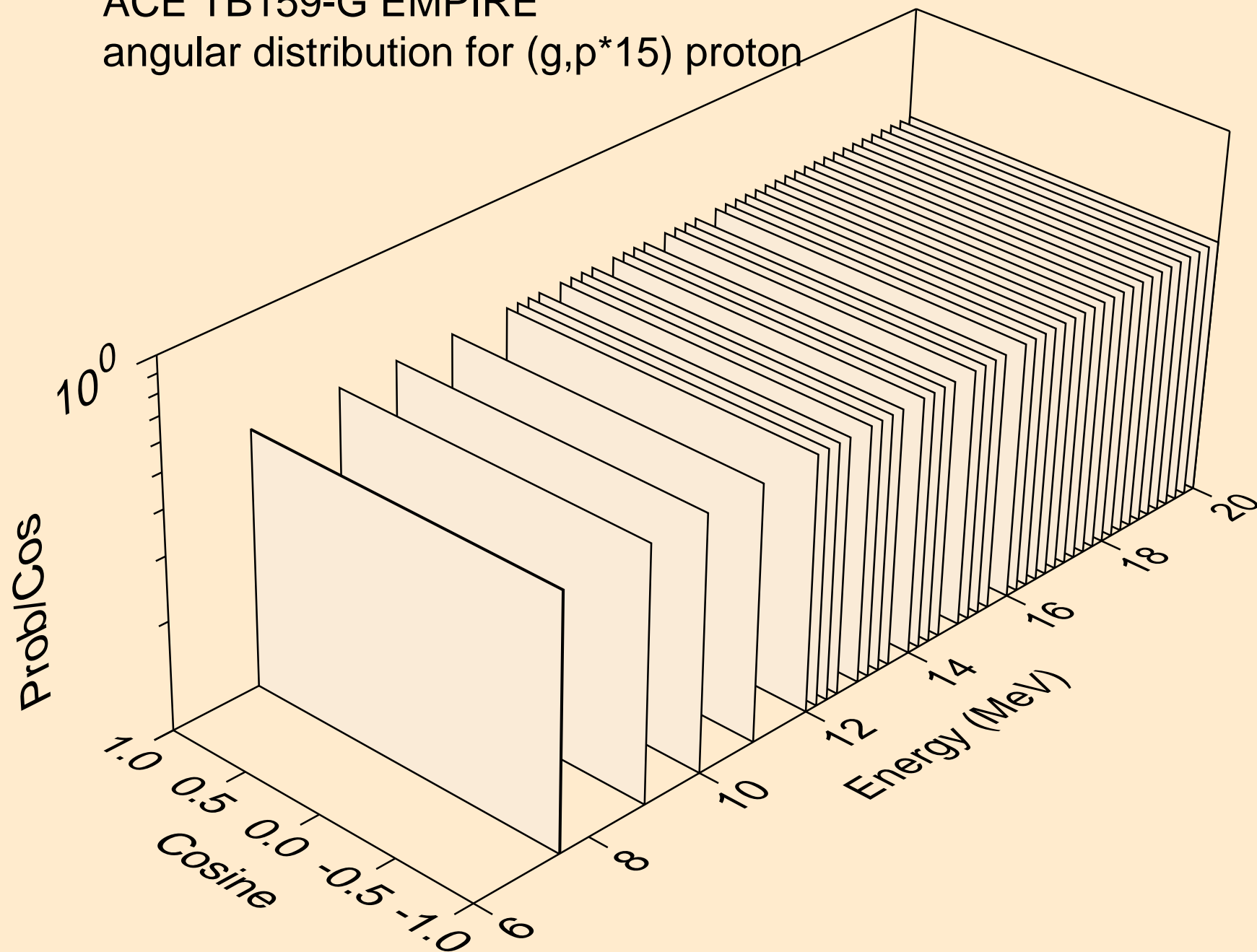
ACE TB159-G EMPIRE  
angular distribution for (g,p\*14) proton



ACE TB159-G EMPIRE  
angular distribution for (g,p\*14) proton

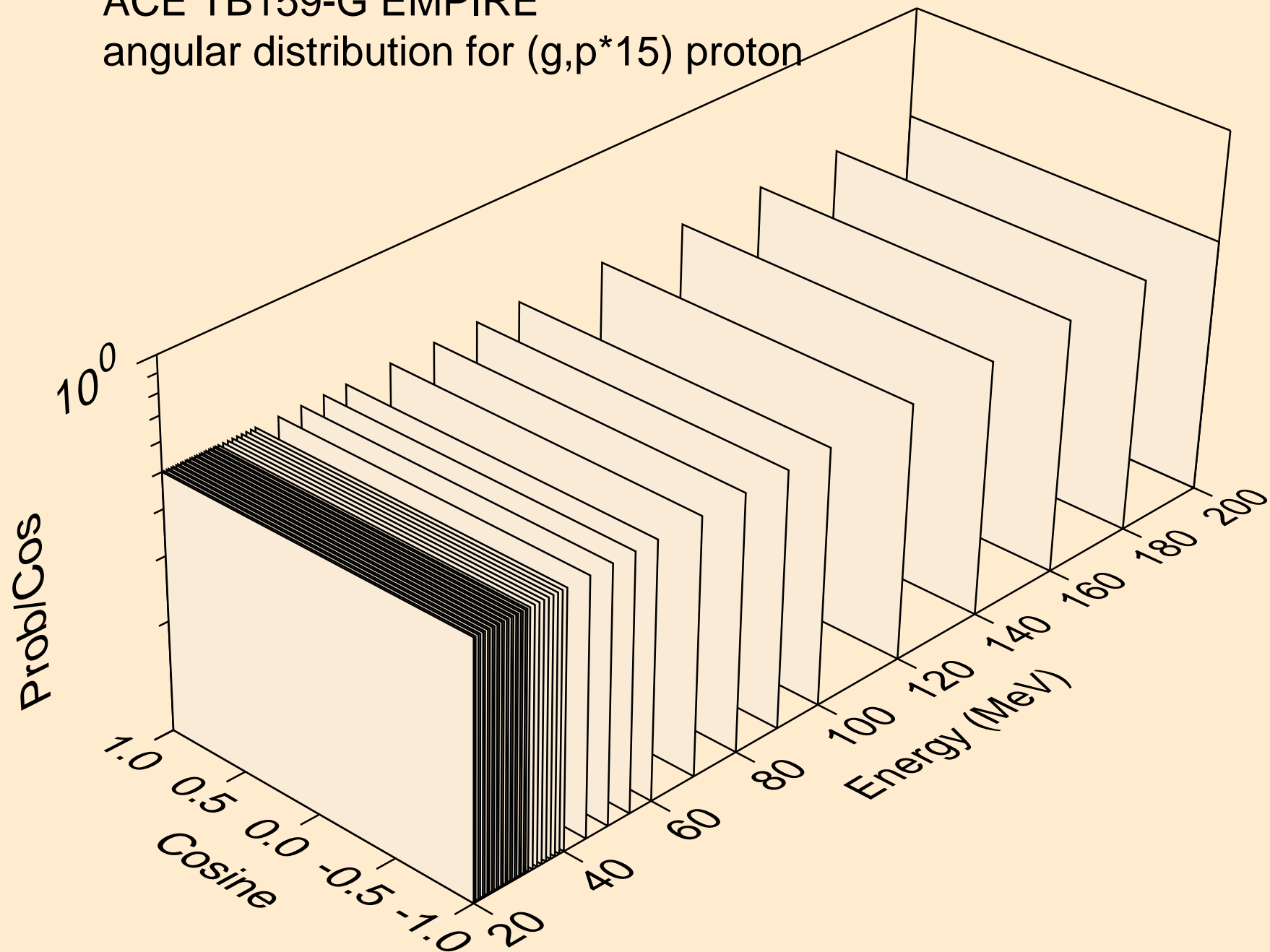


ACE TB159-G EMPIRE  
angular distribution for (g,p\*15) proton

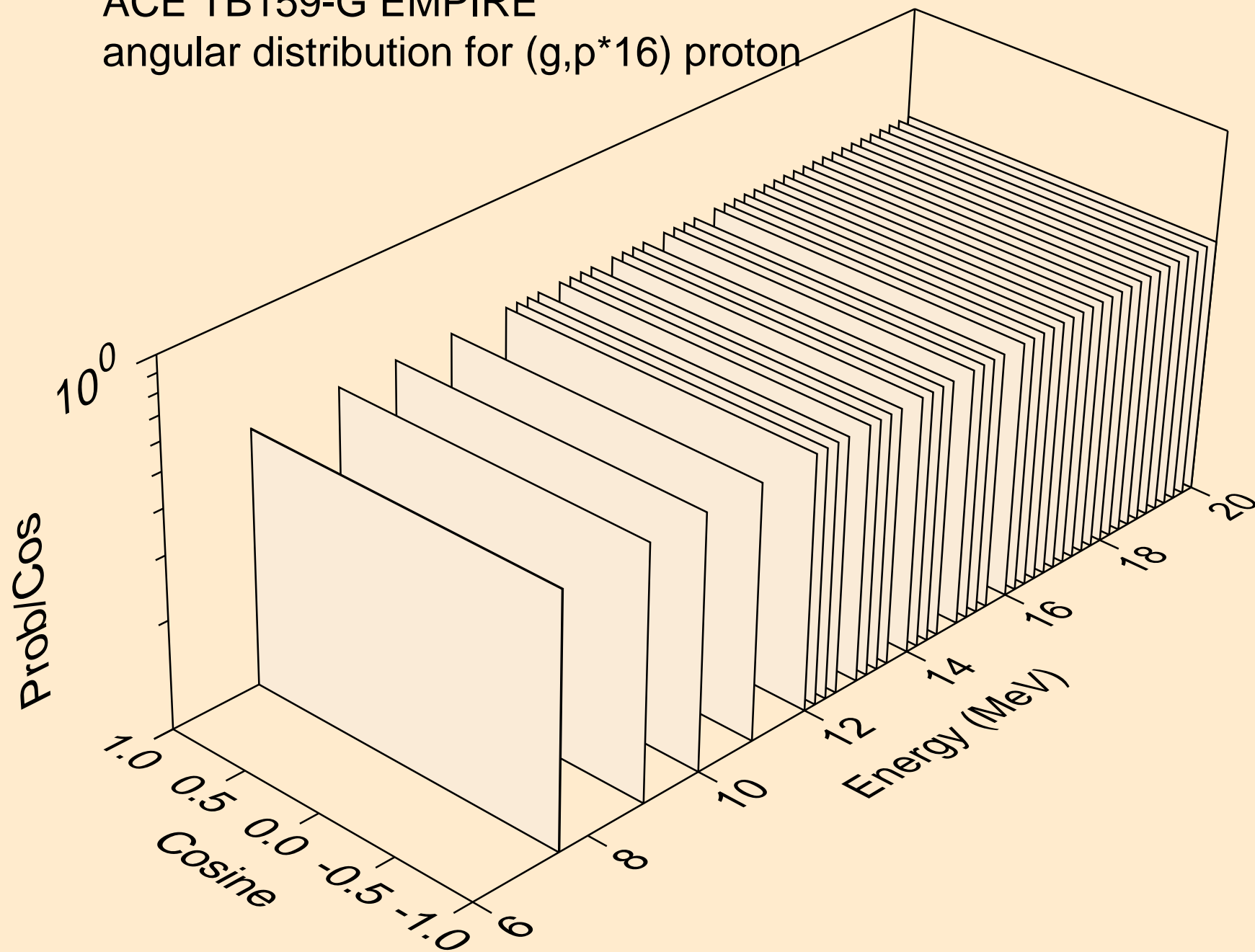




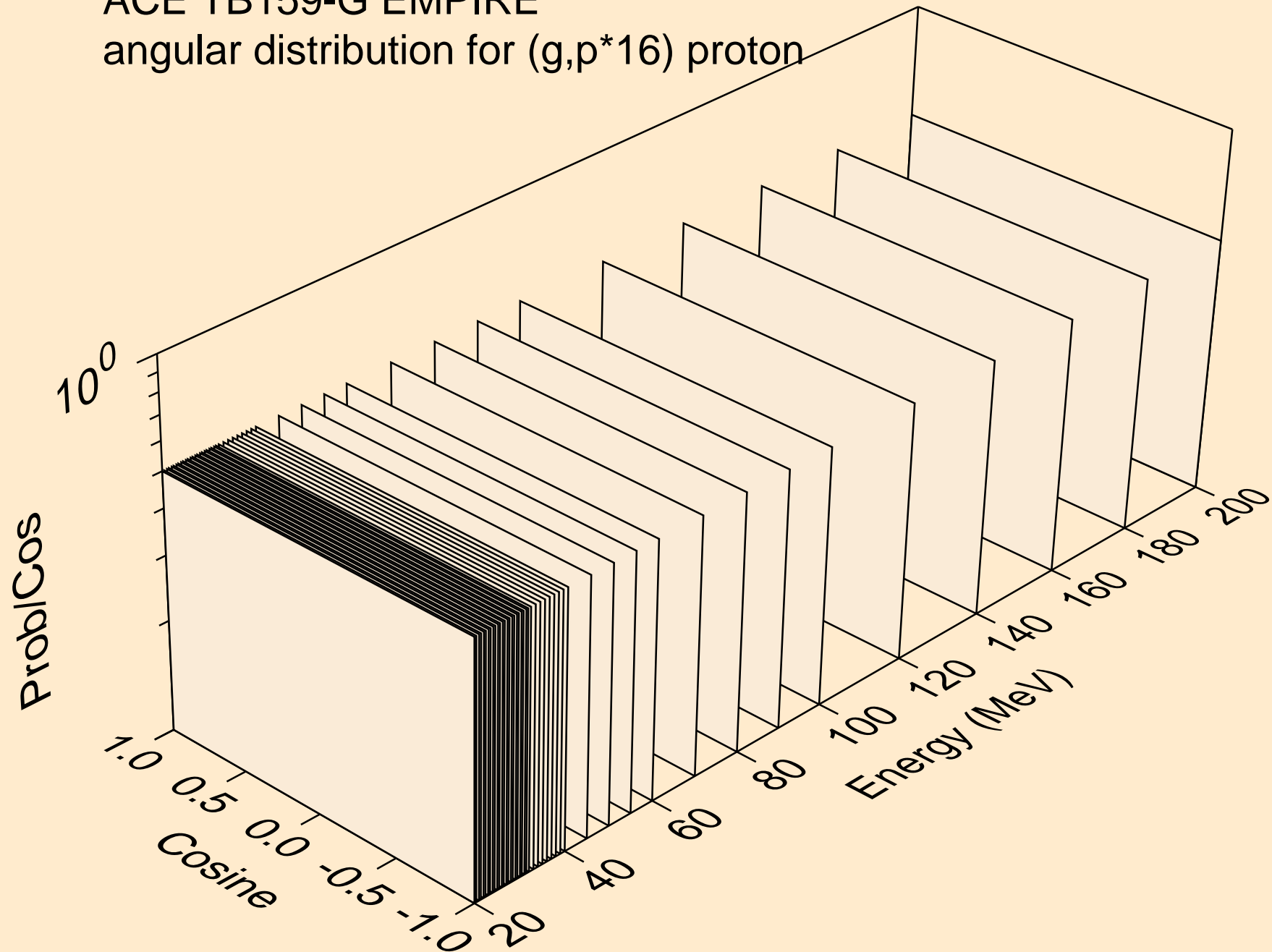
ACE TB159-G EMPIRE  
angular distribution for (g,p\*15) proton



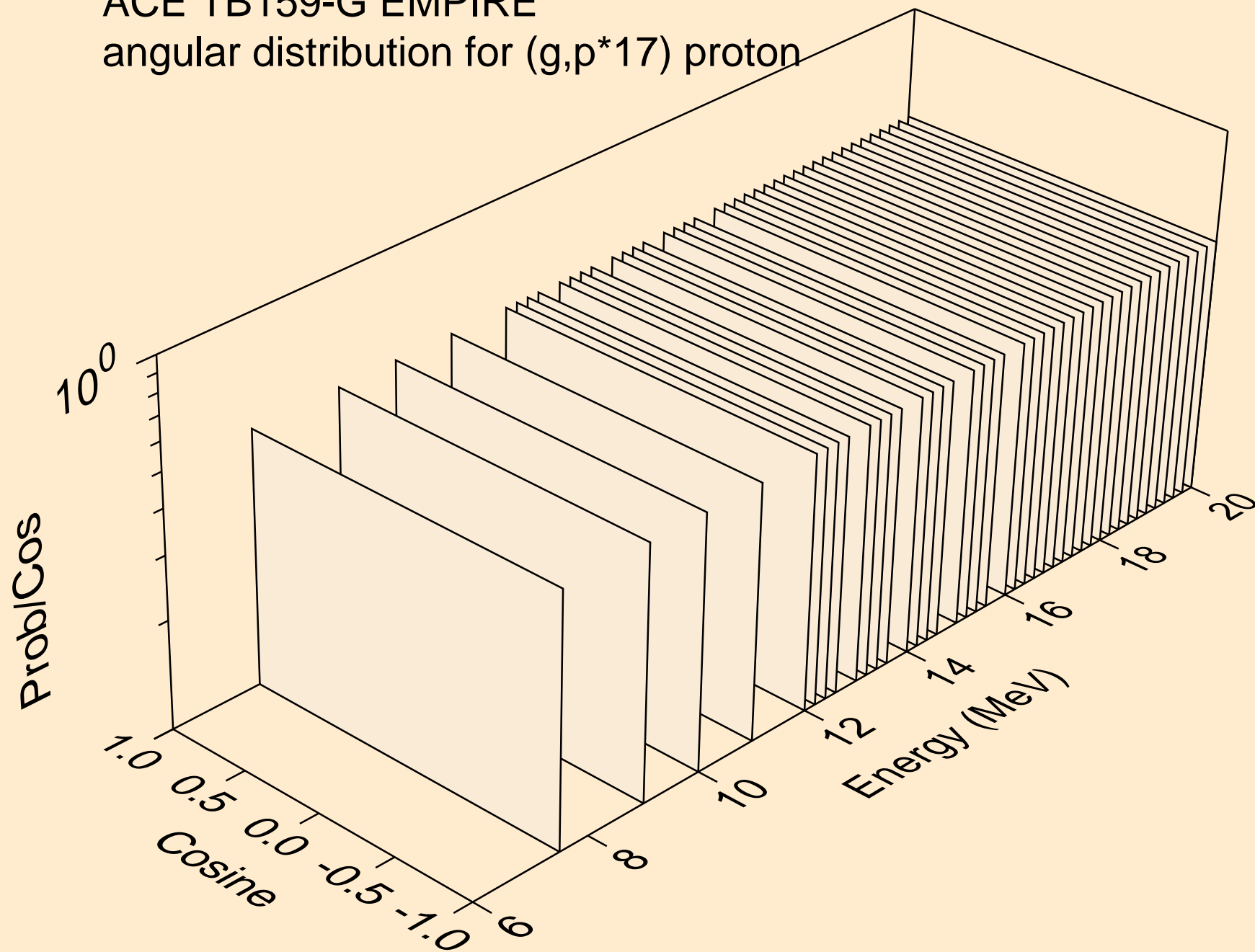
ACE TB159-G EMPIRE  
angular distribution for (g,p\*16) proton



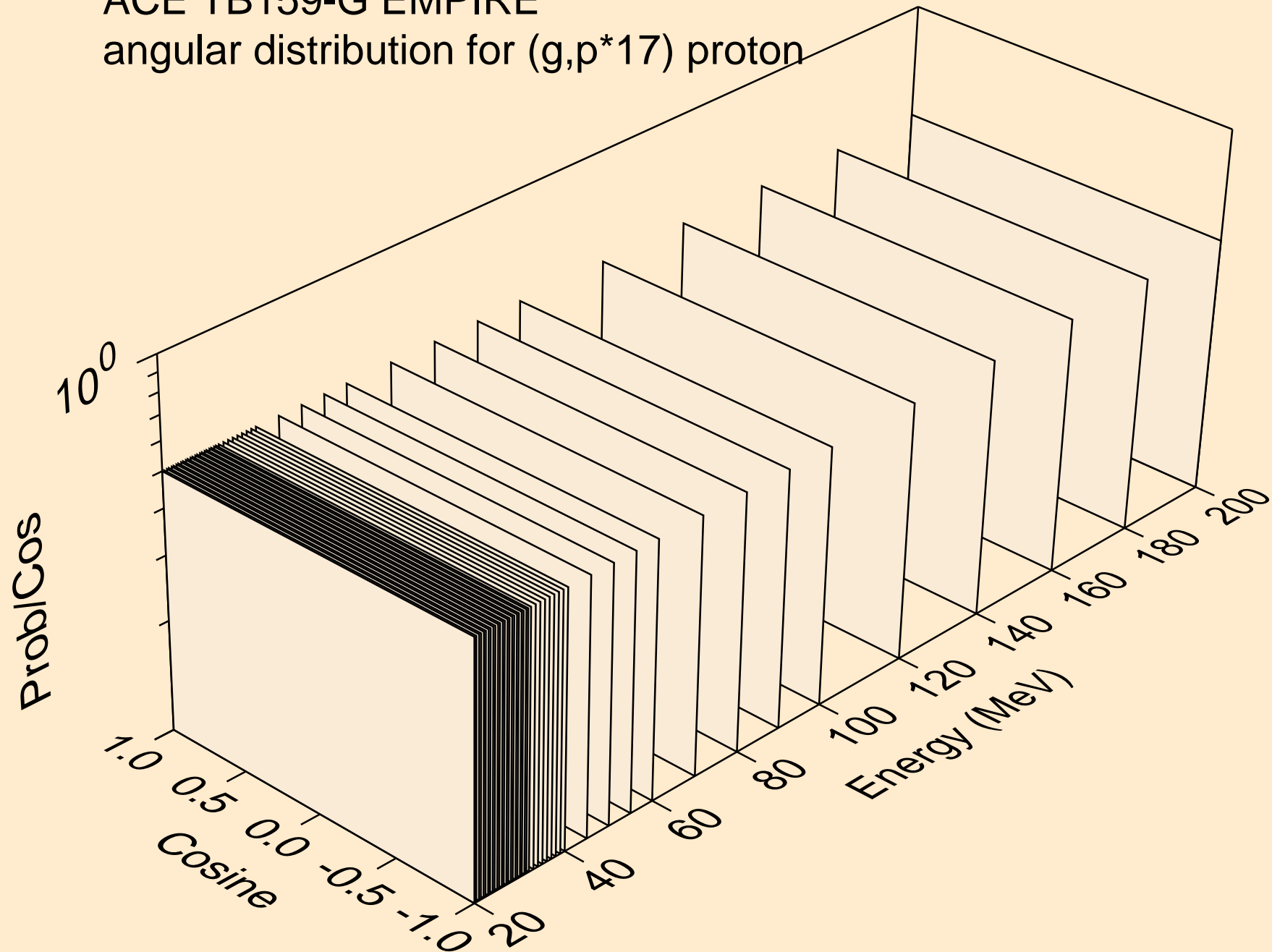
ACE TB159-G EMPIRE  
angular distribution for (g,p\*16) proton



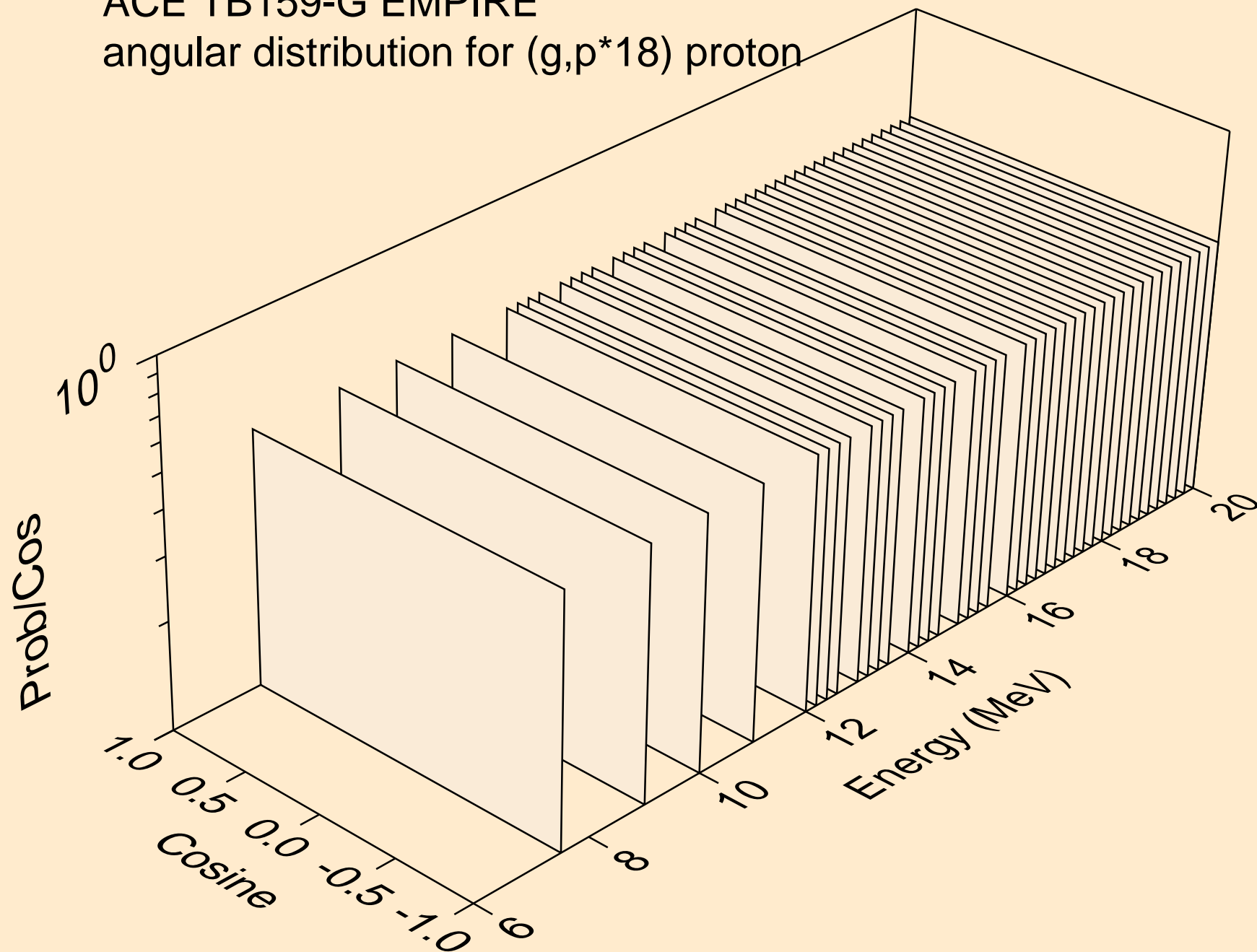
ACE TB159-G EMPIRE  
angular distribution for (g,p\*17) proton



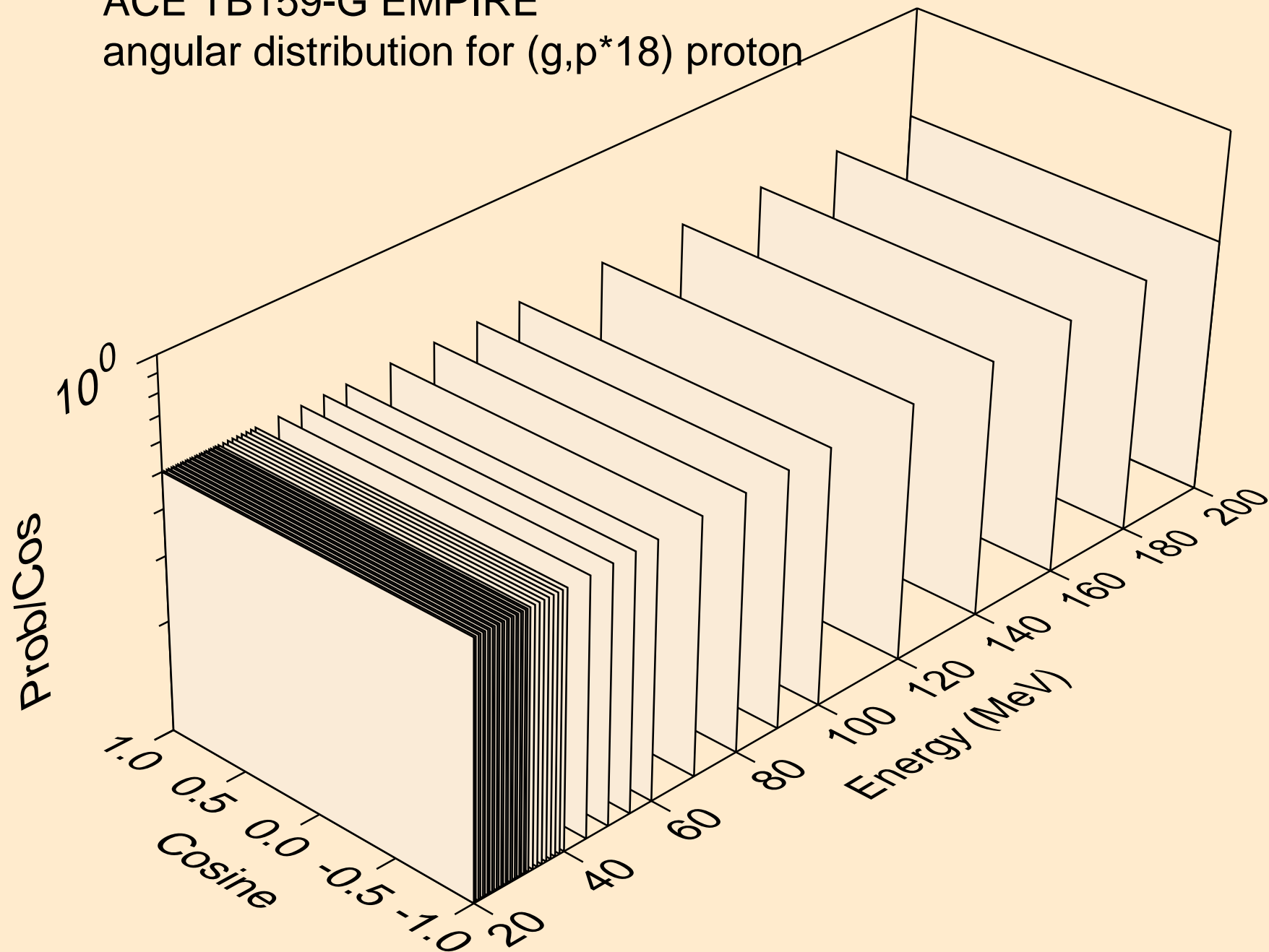
ACE TB159-G EMPIRE  
angular distribution for (g,p\*17) proton



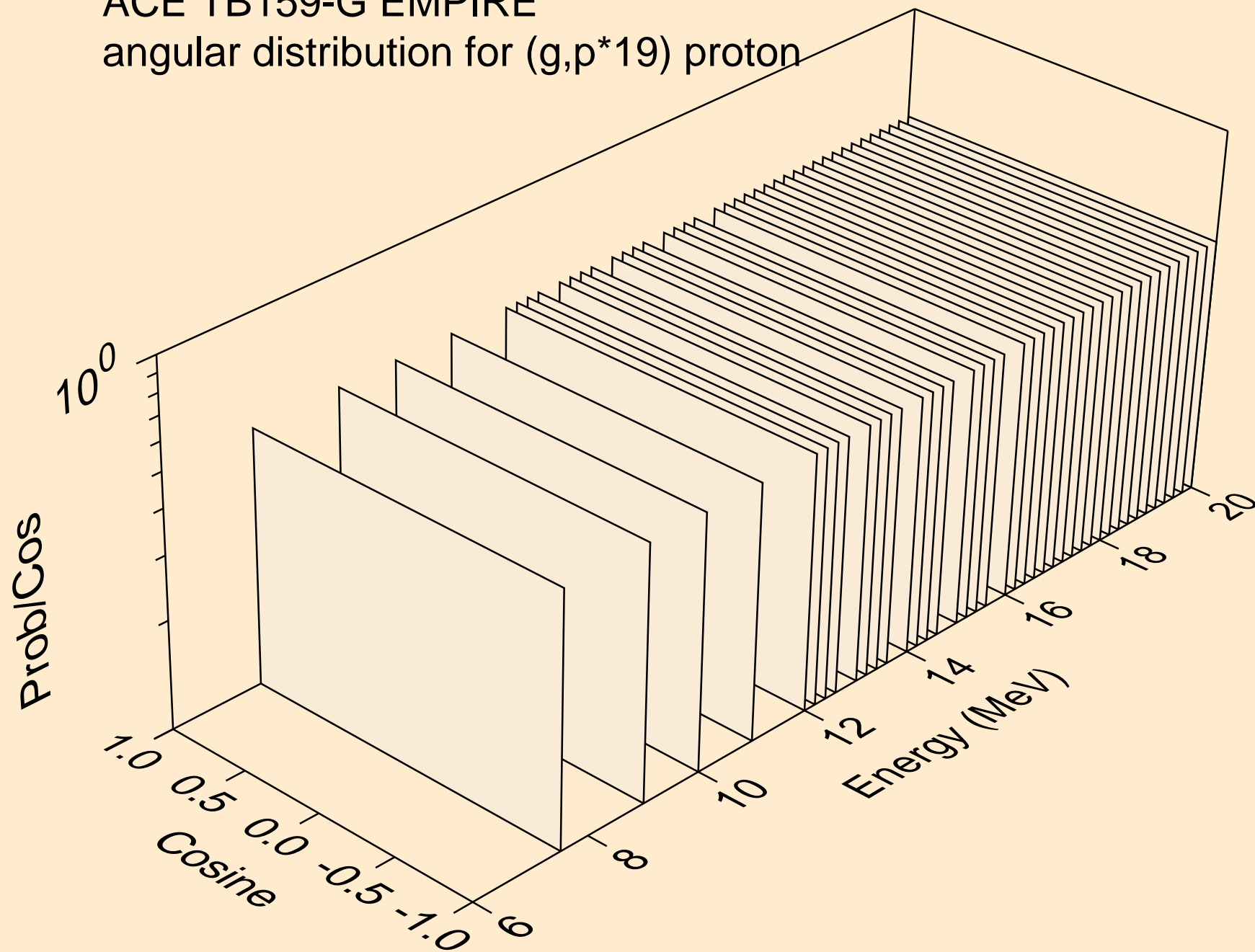
ACE TB159-G EMPIRE  
angular distribution for (g,p\*18) proton



ACE TB159-G EMPIRE  
angular distribution for (g,p\*18) proton

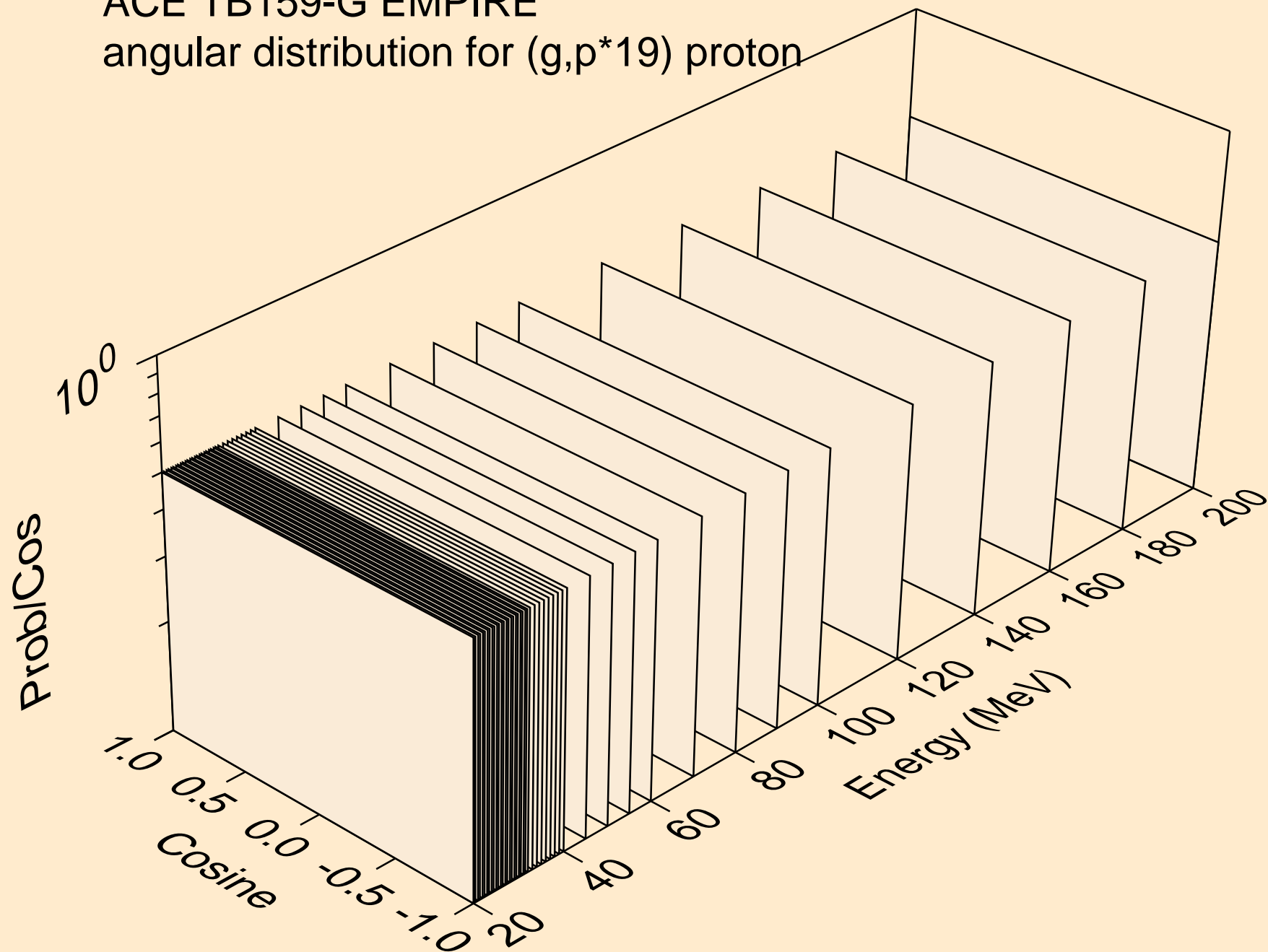


ACE TB159-G EMPIRE  
angular distribution for (g,p\*19) proton

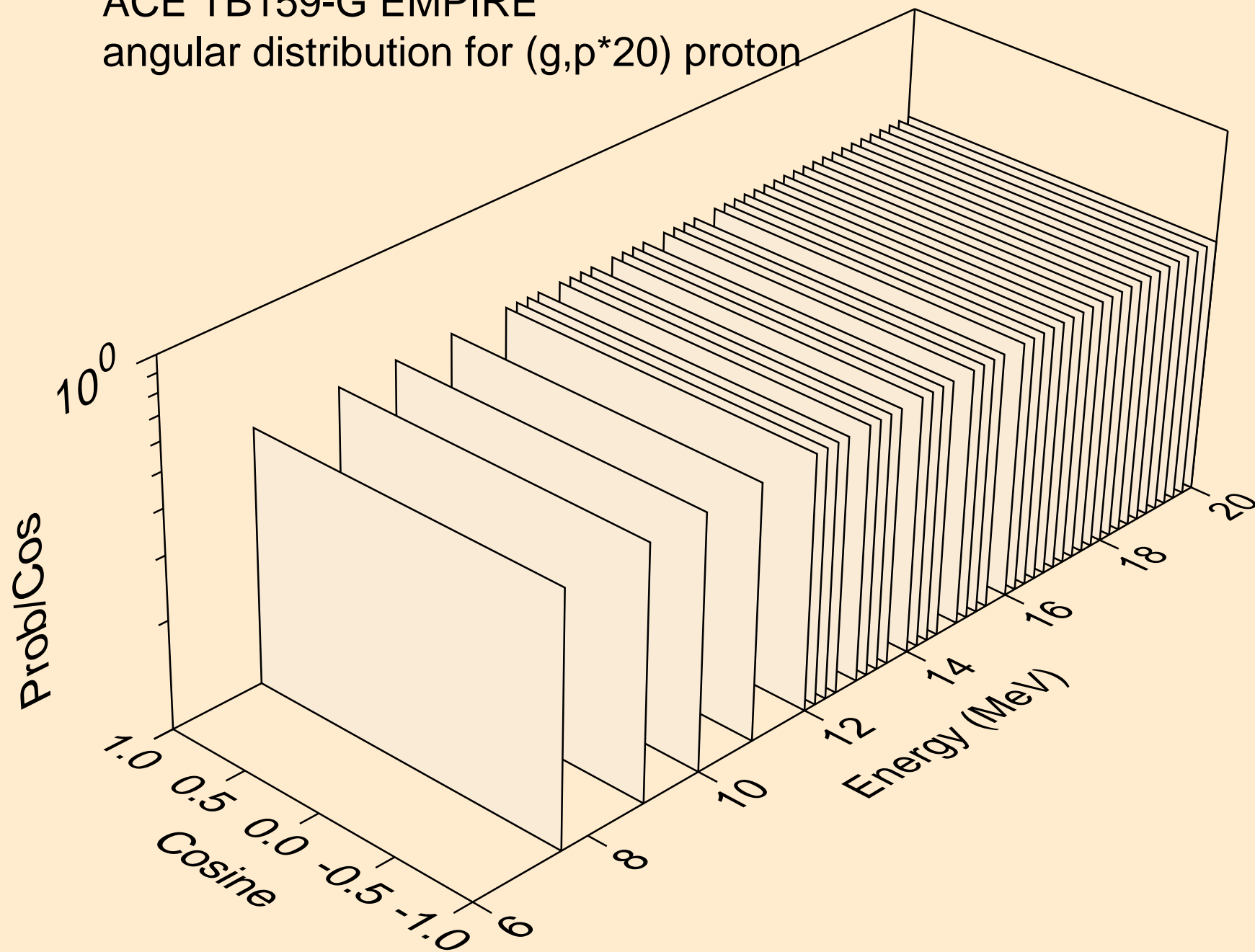




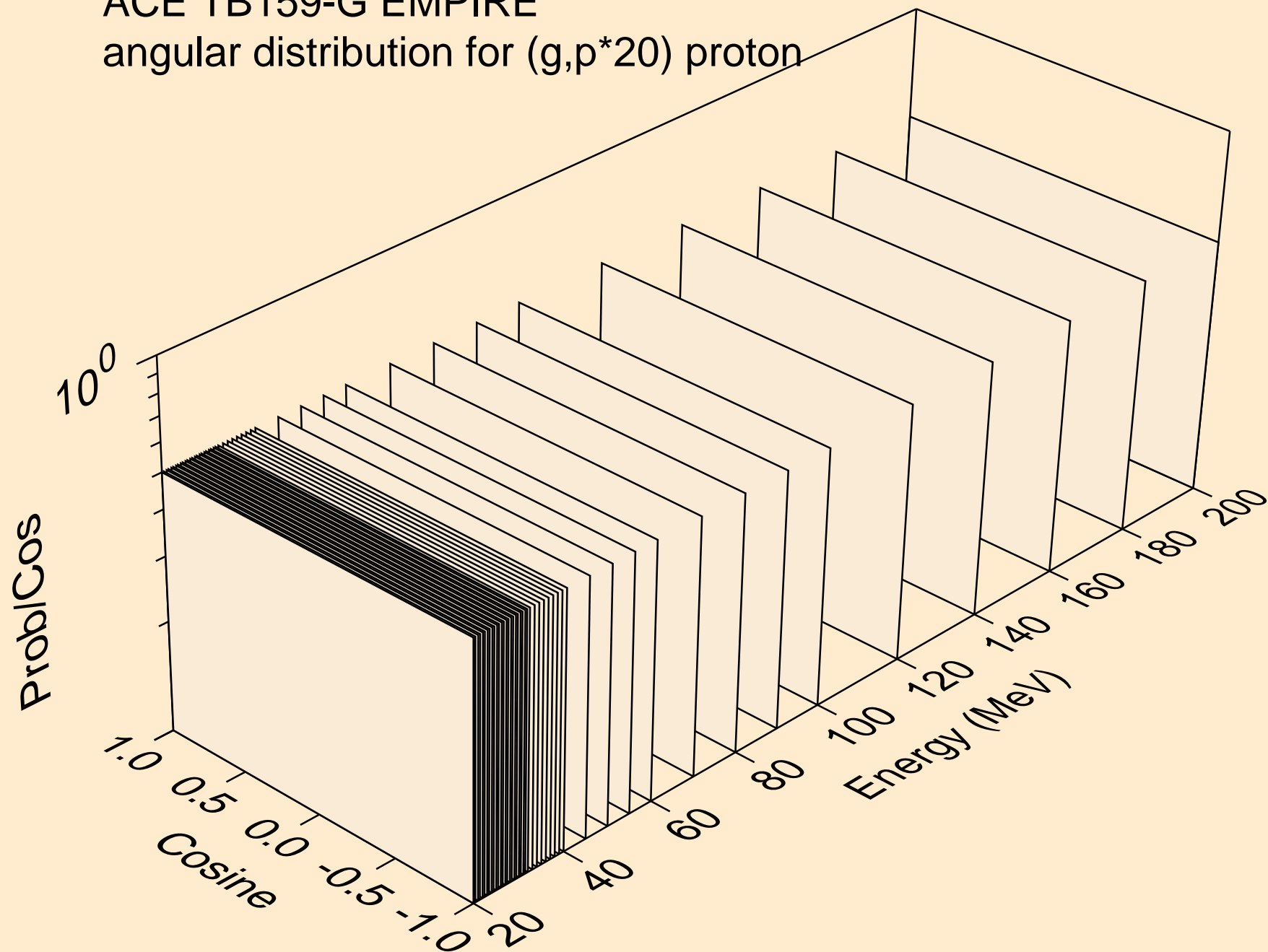
ACE TB159-G EMPIRE  
angular distribution for (g,p\*19) proton



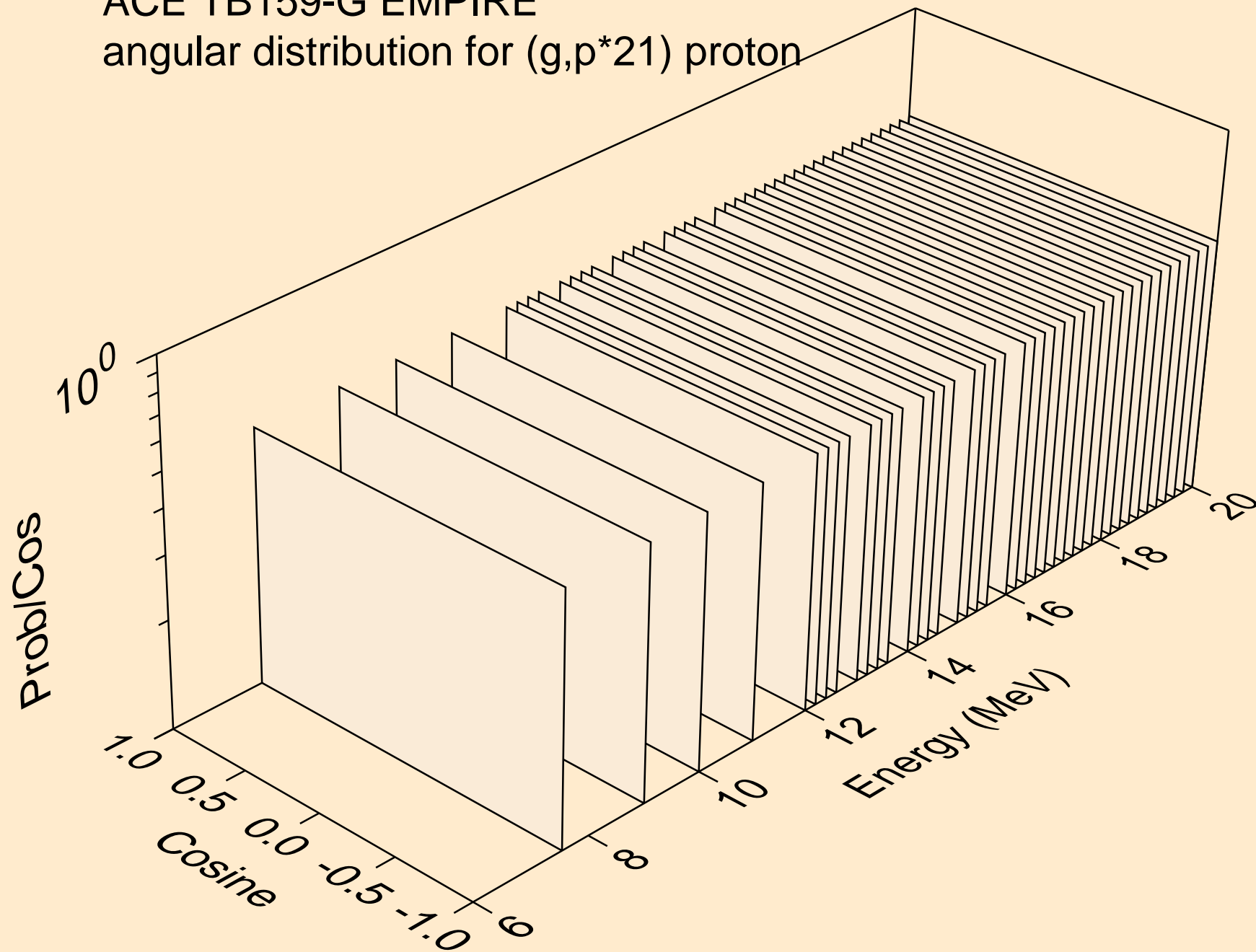
ACE TB159-G EMPIRE  
angular distribution for (g,p\*20) proton



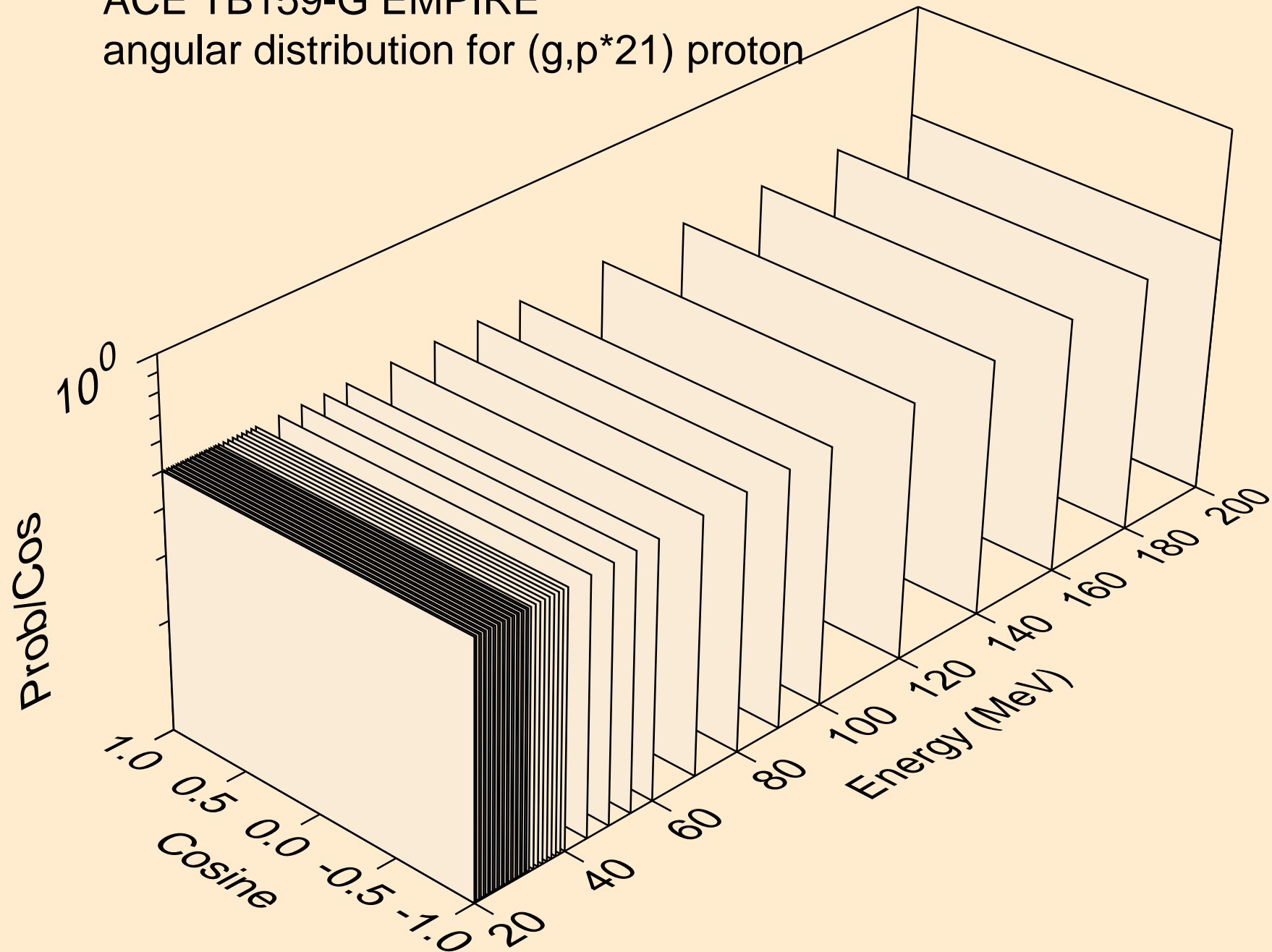
ACE TB159-G EMPIRE  
angular distribution for (g,p\*20) proton



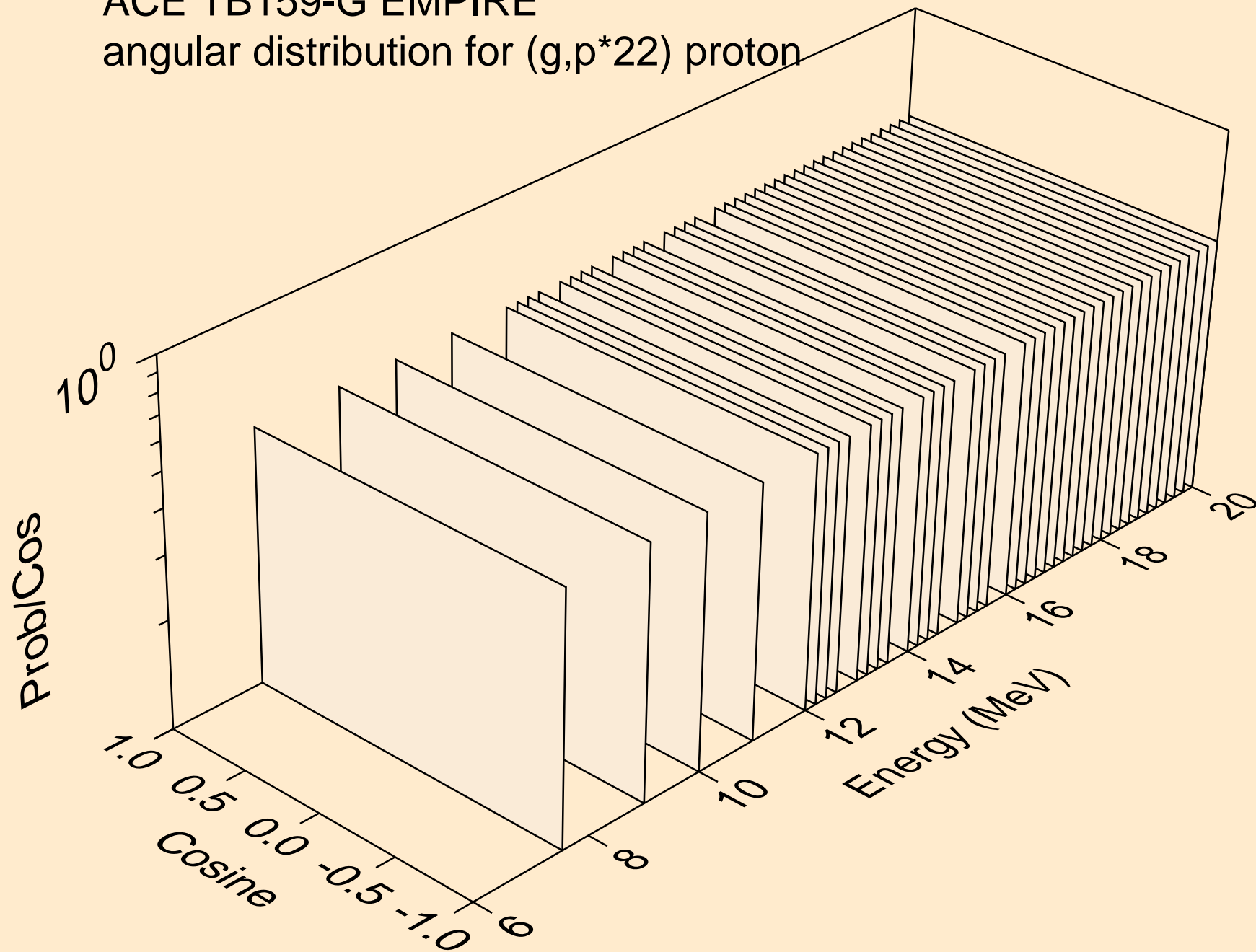
ACE TB159-G EMPIRE  
angular distribution for (g,p\*21) proton



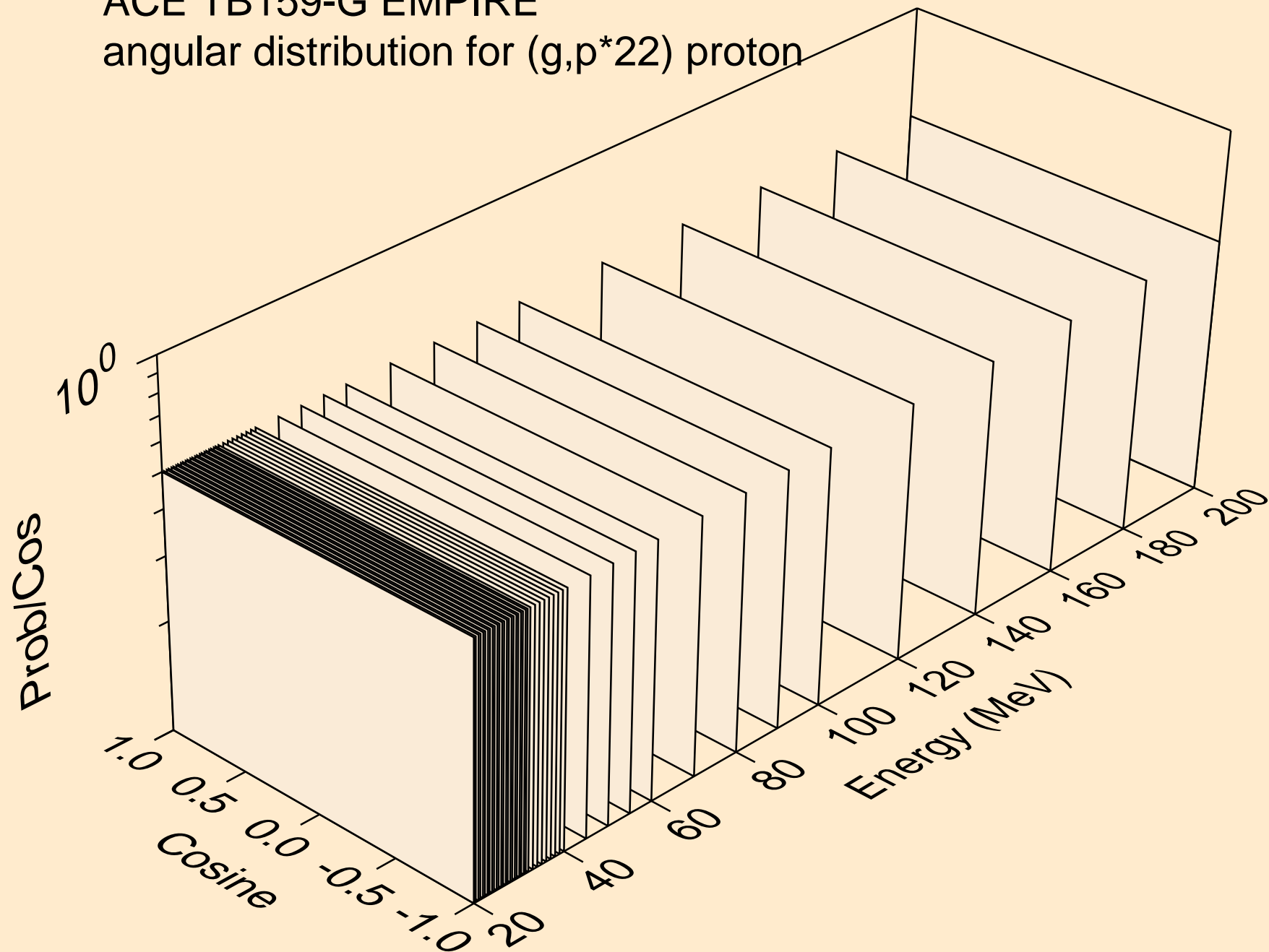
ACE TB159-G EMPIRE  
angular distribution for (g,p\*21) proton



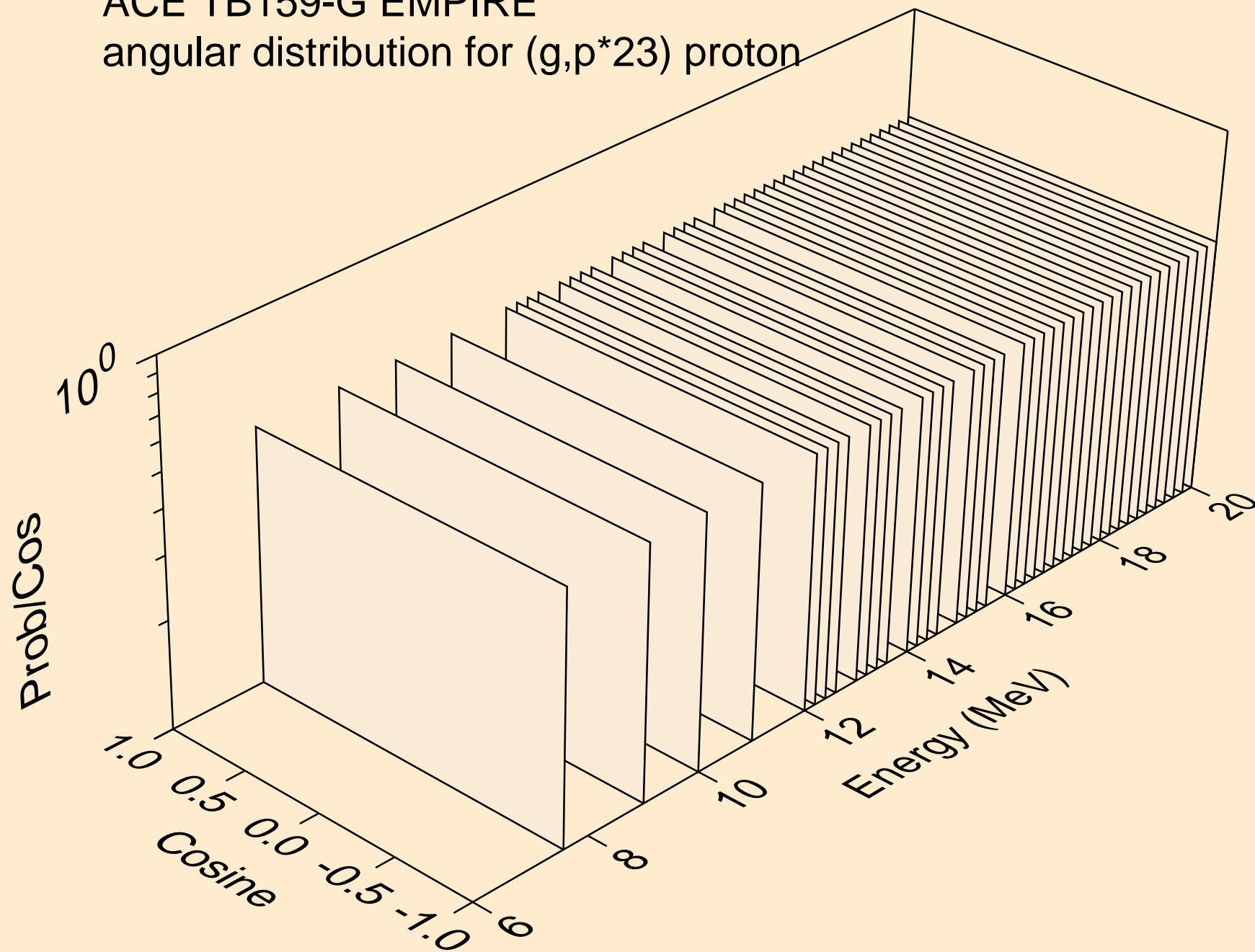
ACE TB159-G EMPIRE  
angular distribution for (g,p\*22) proton



ACE TB159-G EMPIRE  
angular distribution for (g,p\*22) proton

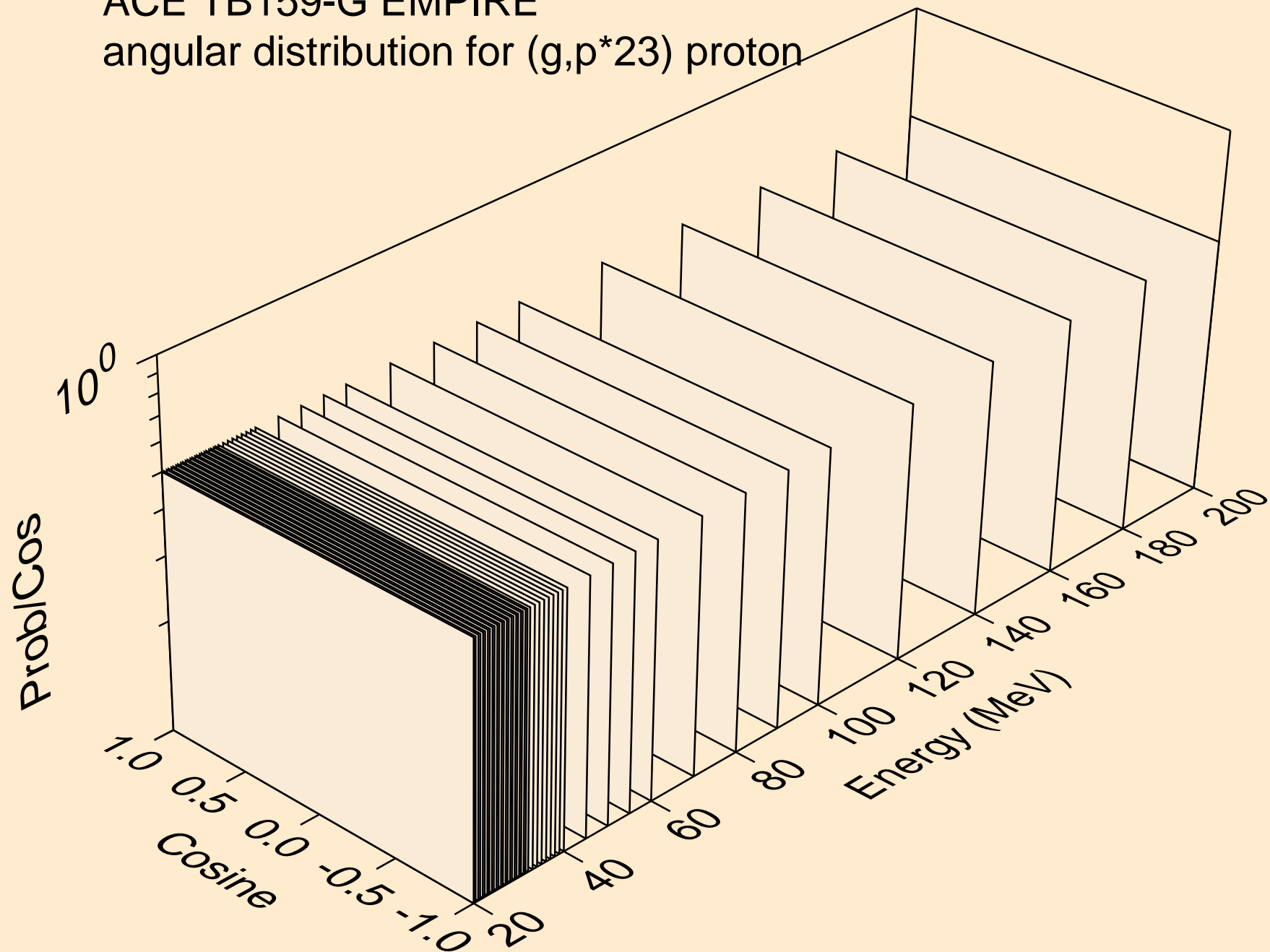


ACE TB159-G EMPIRE  
angular distribution for (g,p\*23) proton

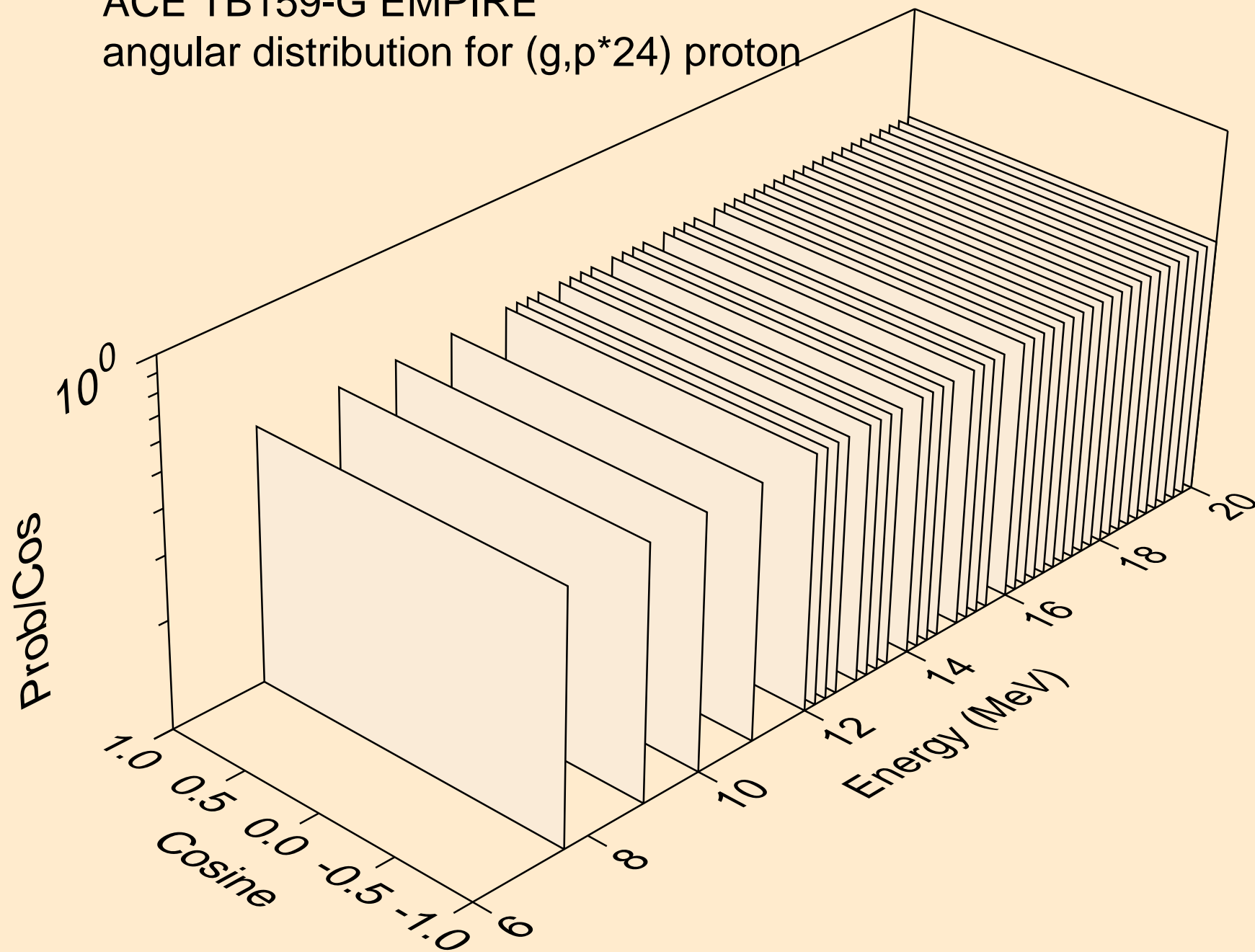




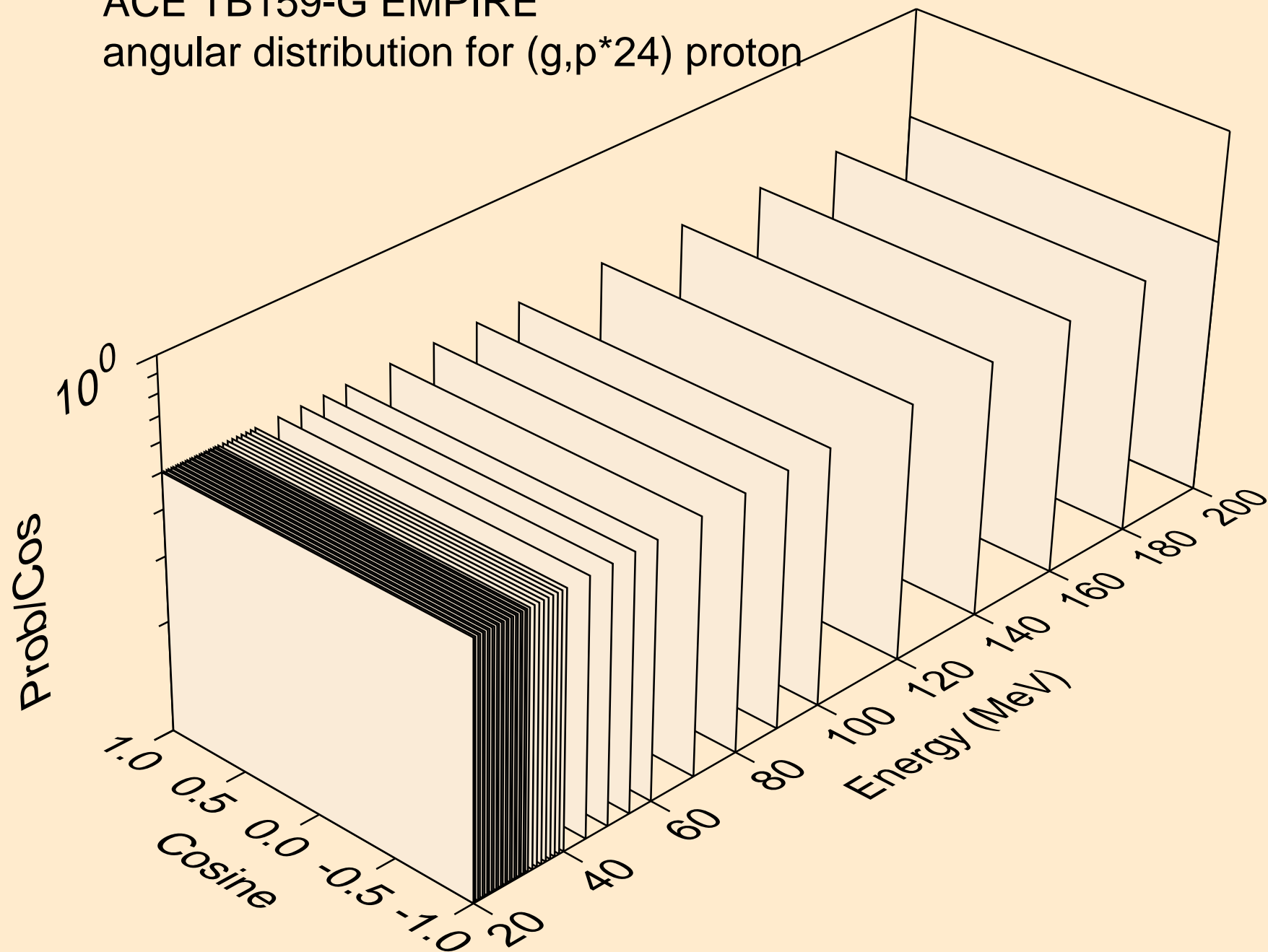
ACE TB159-G EMPIRE  
angular distribution for (g,p\*23) proton



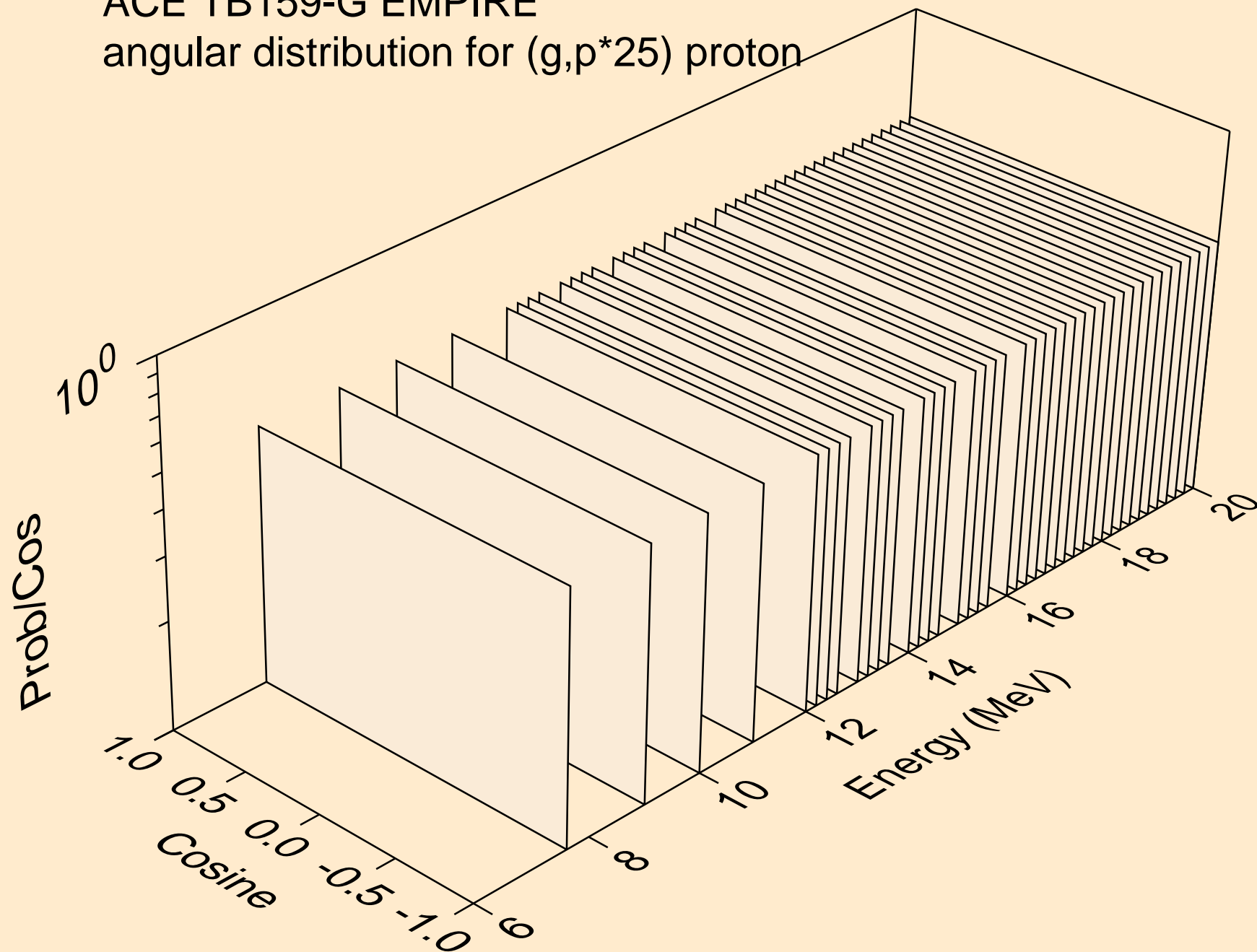
ACE TB159-G EMPIRE  
angular distribution for (g,p\*24) proton



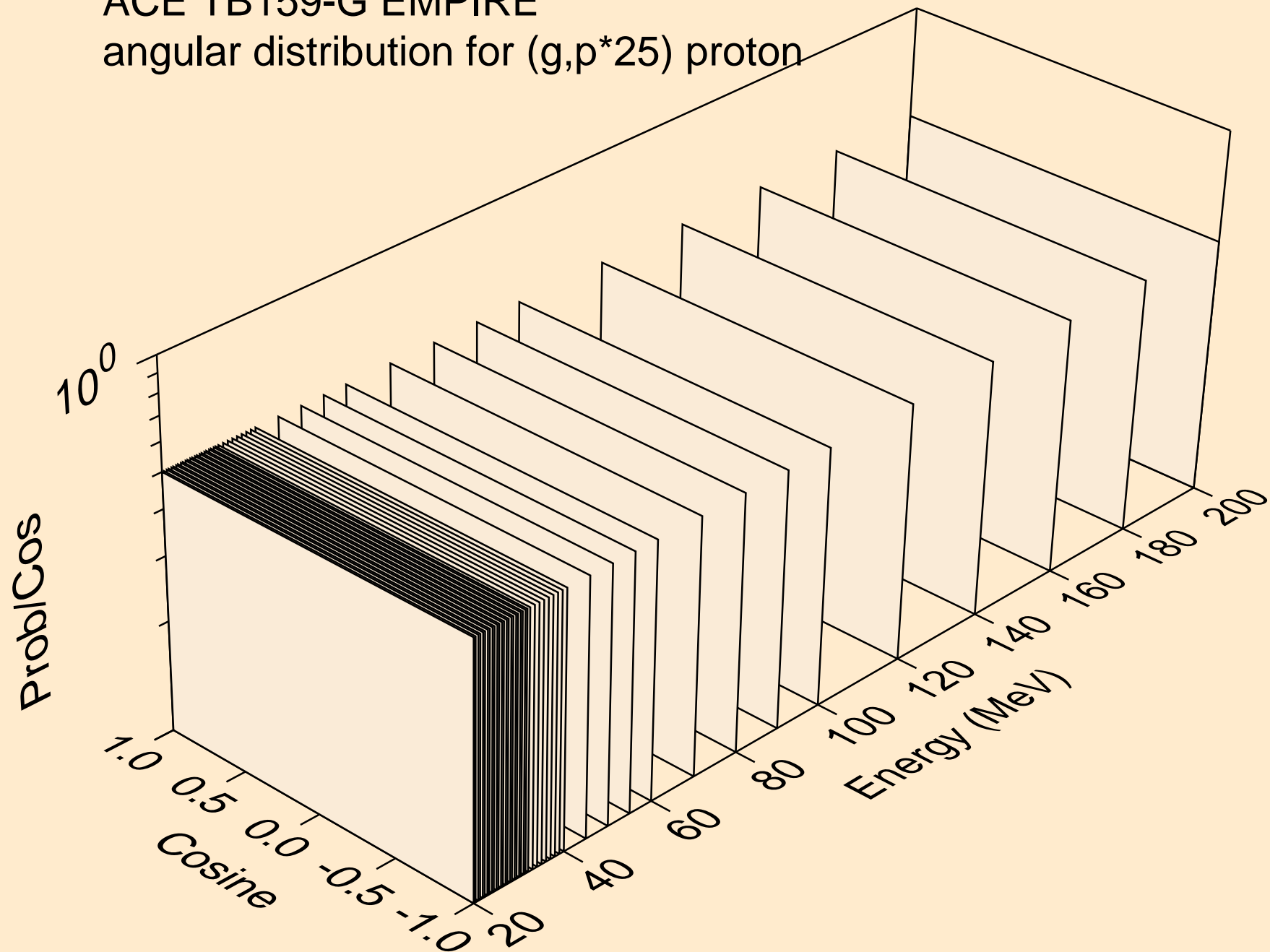
ACE TB159-G EMPIRE  
angular distribution for (g,p\*24) proton



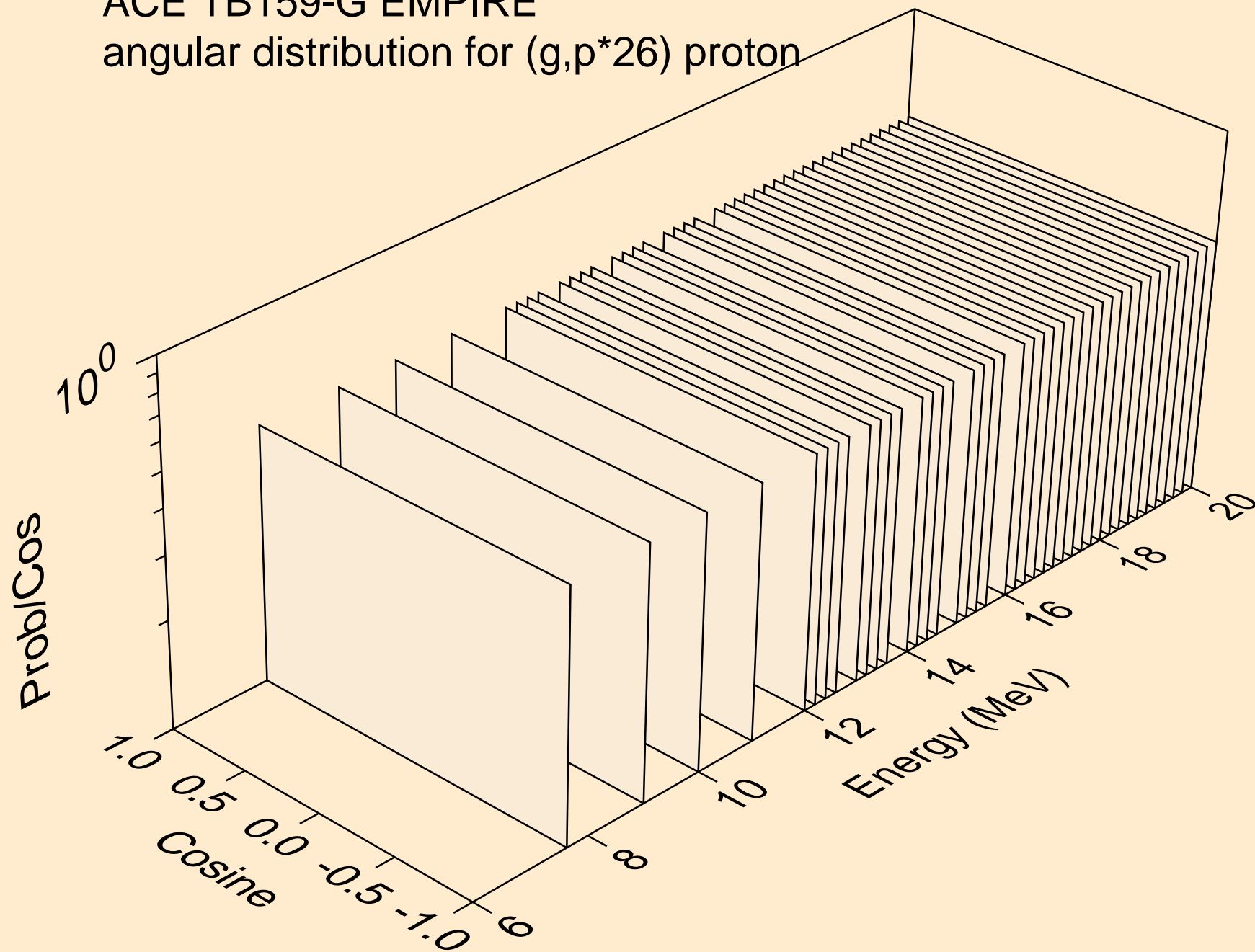
ACE TB159-G EMPIRE  
angular distribution for (g,p\*25) proton



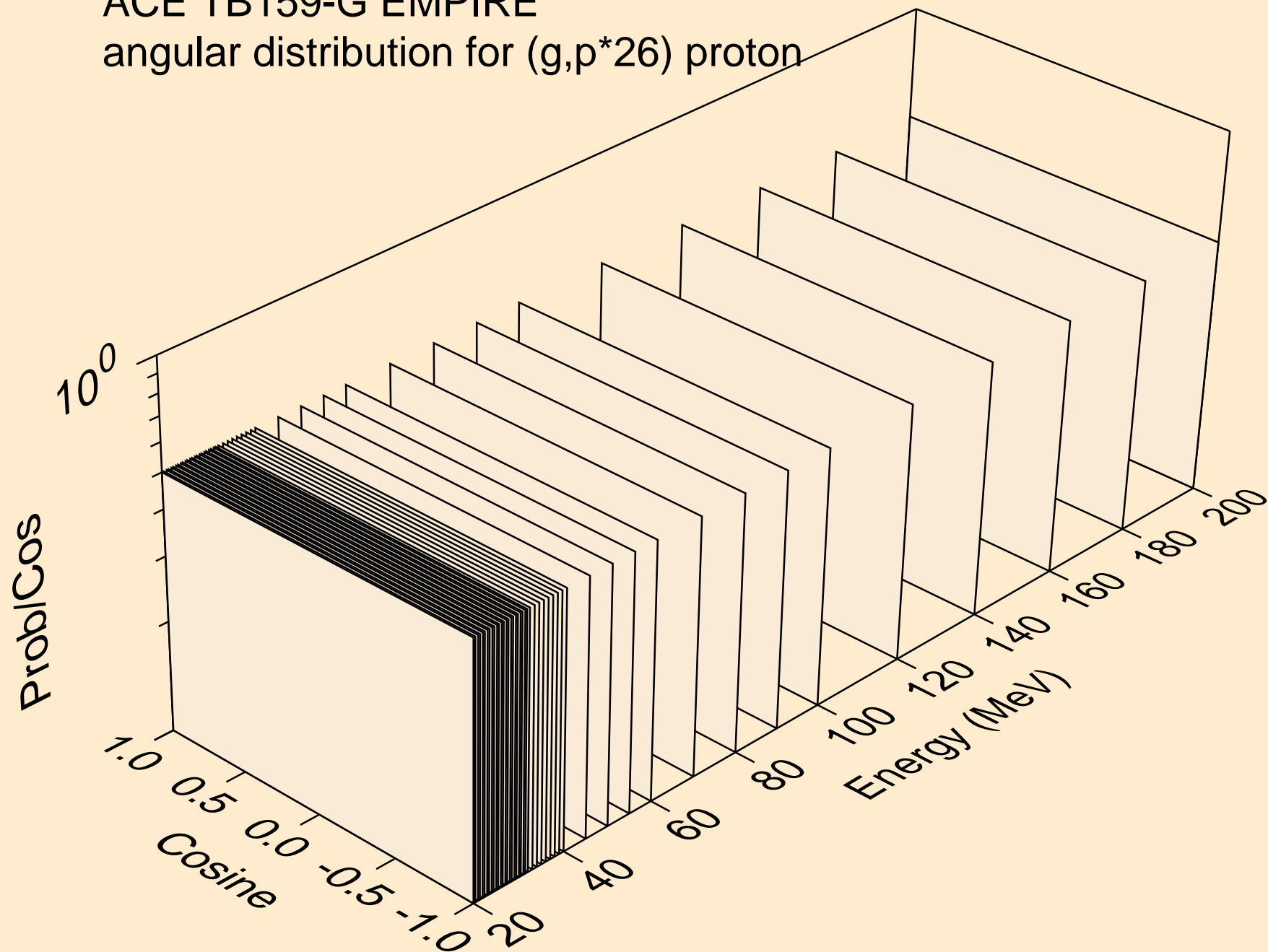
ACE TB159-G EMPIRE  
angular distribution for (g,p\*25) proton



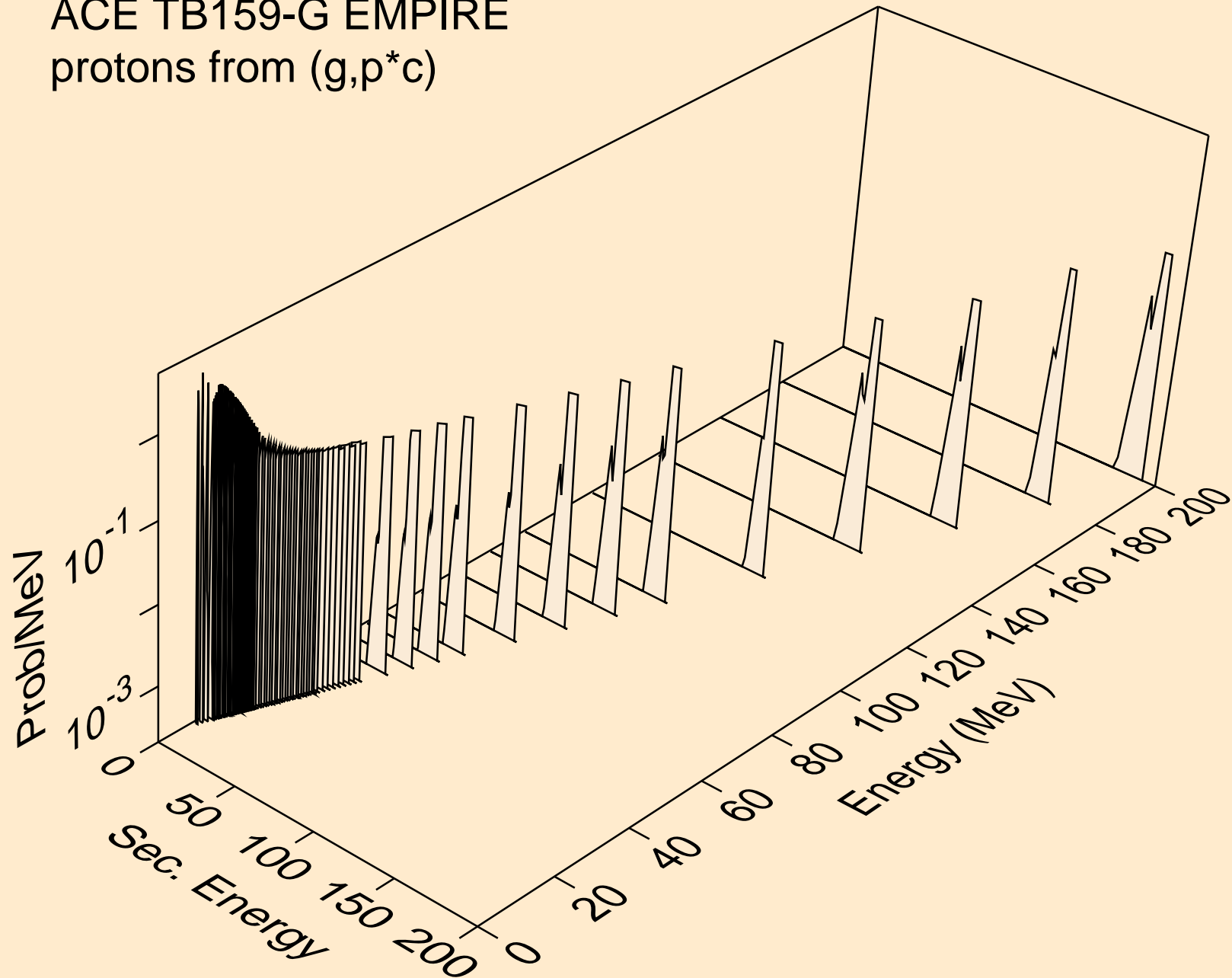
ACE TB159-G EMPIRE  
angular distribution for (g,p\*26) proton



ACE TB159-G EMPIRE  
angular distribution for (g,p\*26) proton

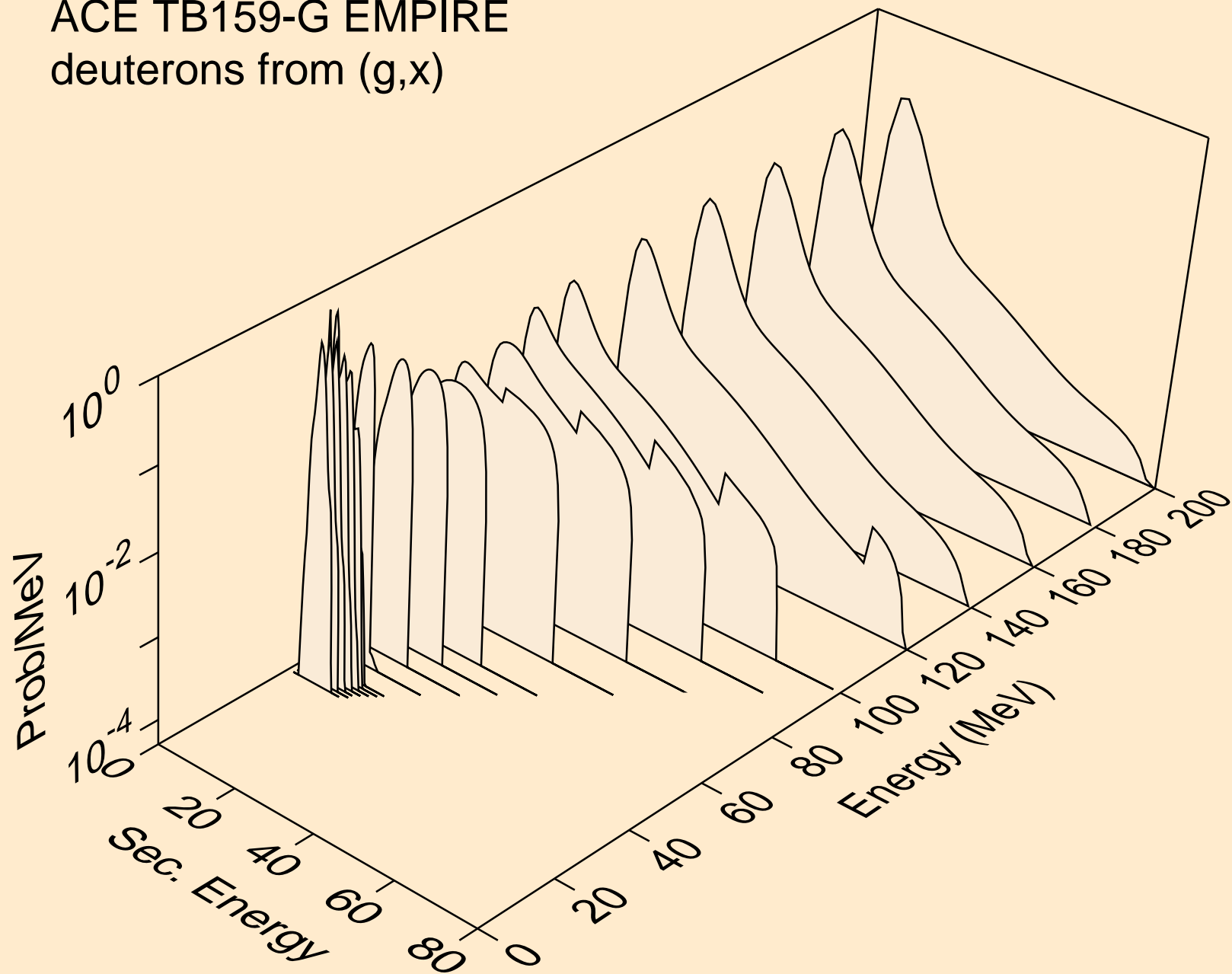


ACE TB159-G EMPIRE  
protons from (g,p\*c)

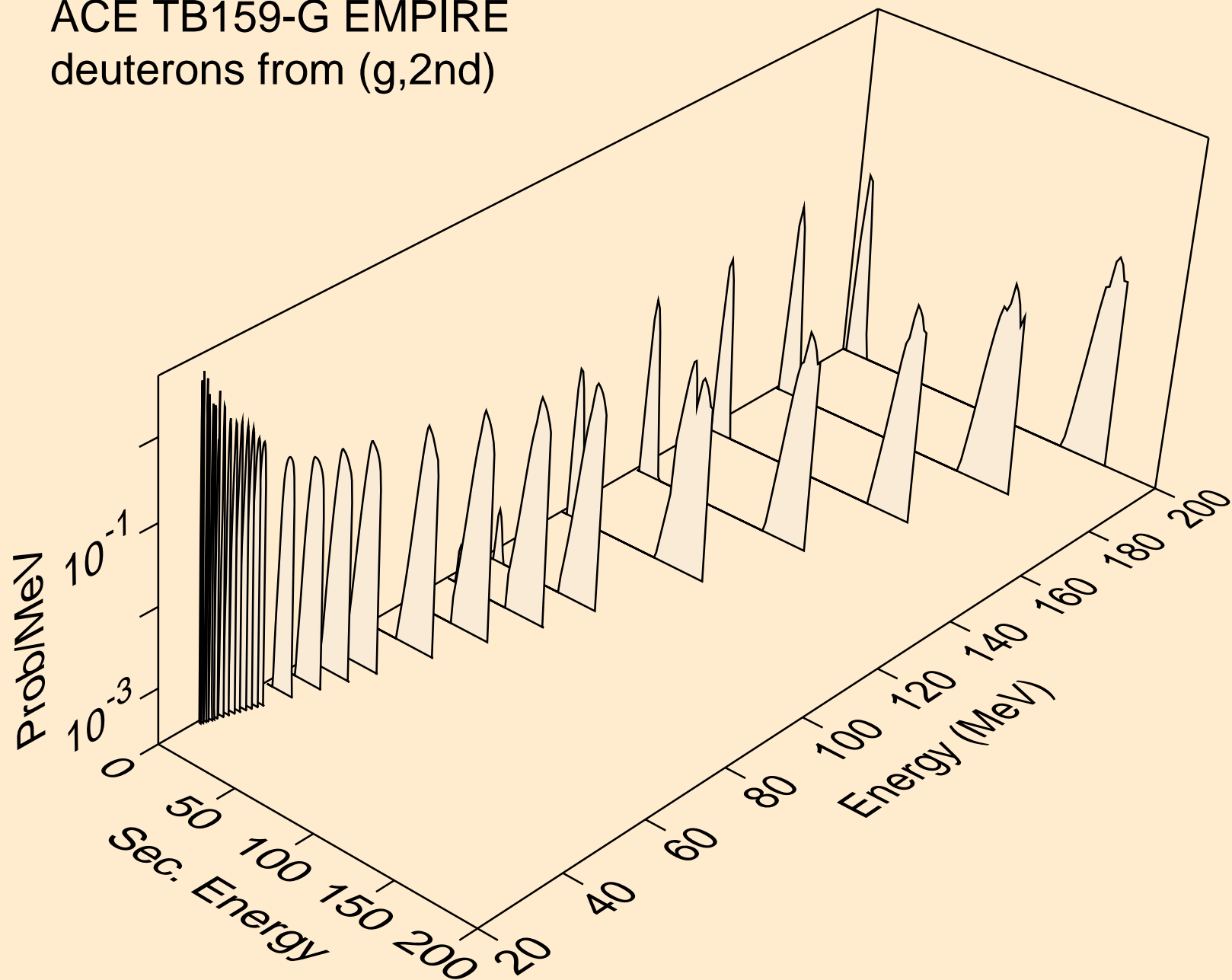




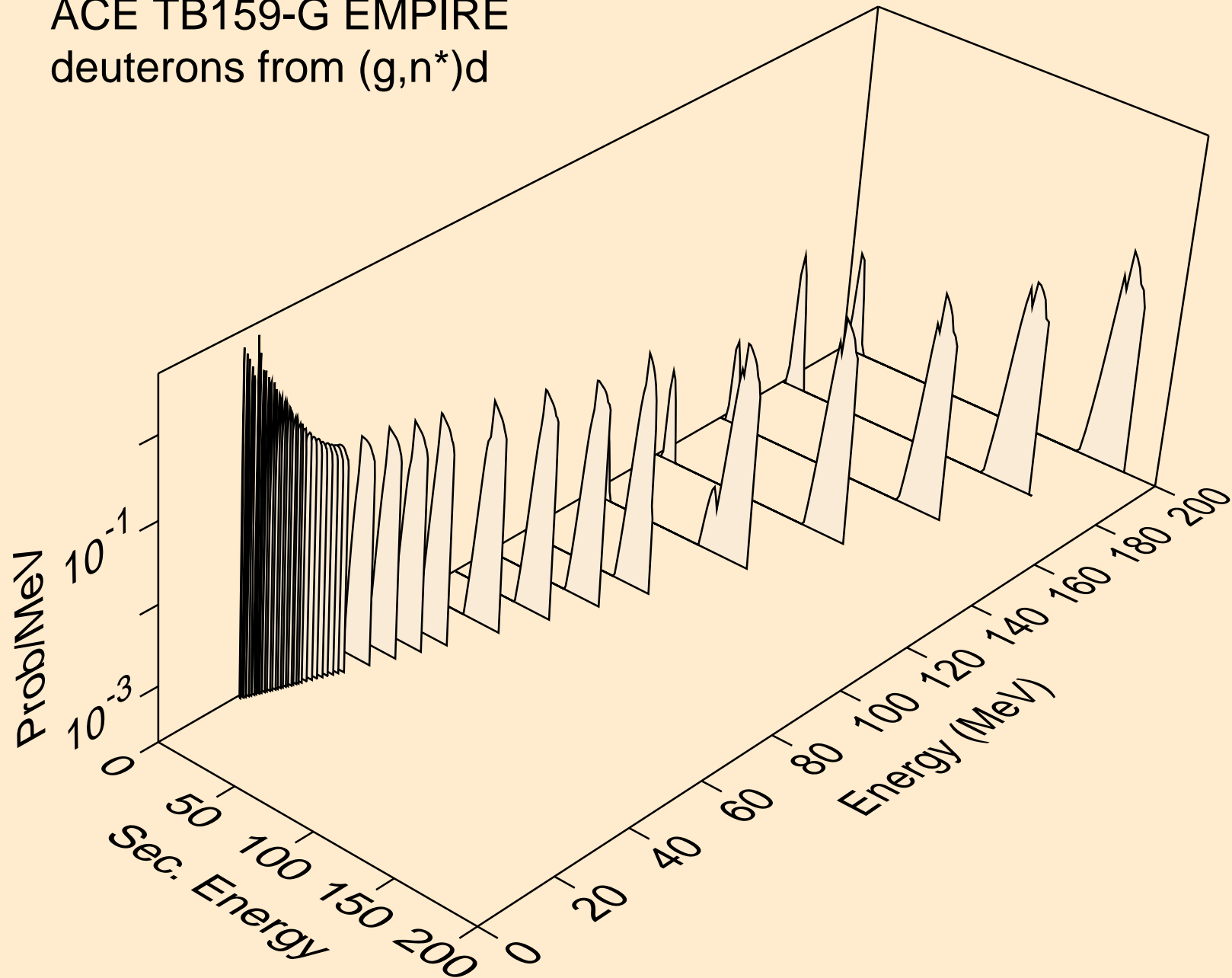
# ACE TB159-G EMPIRE deuterons from (g,x)



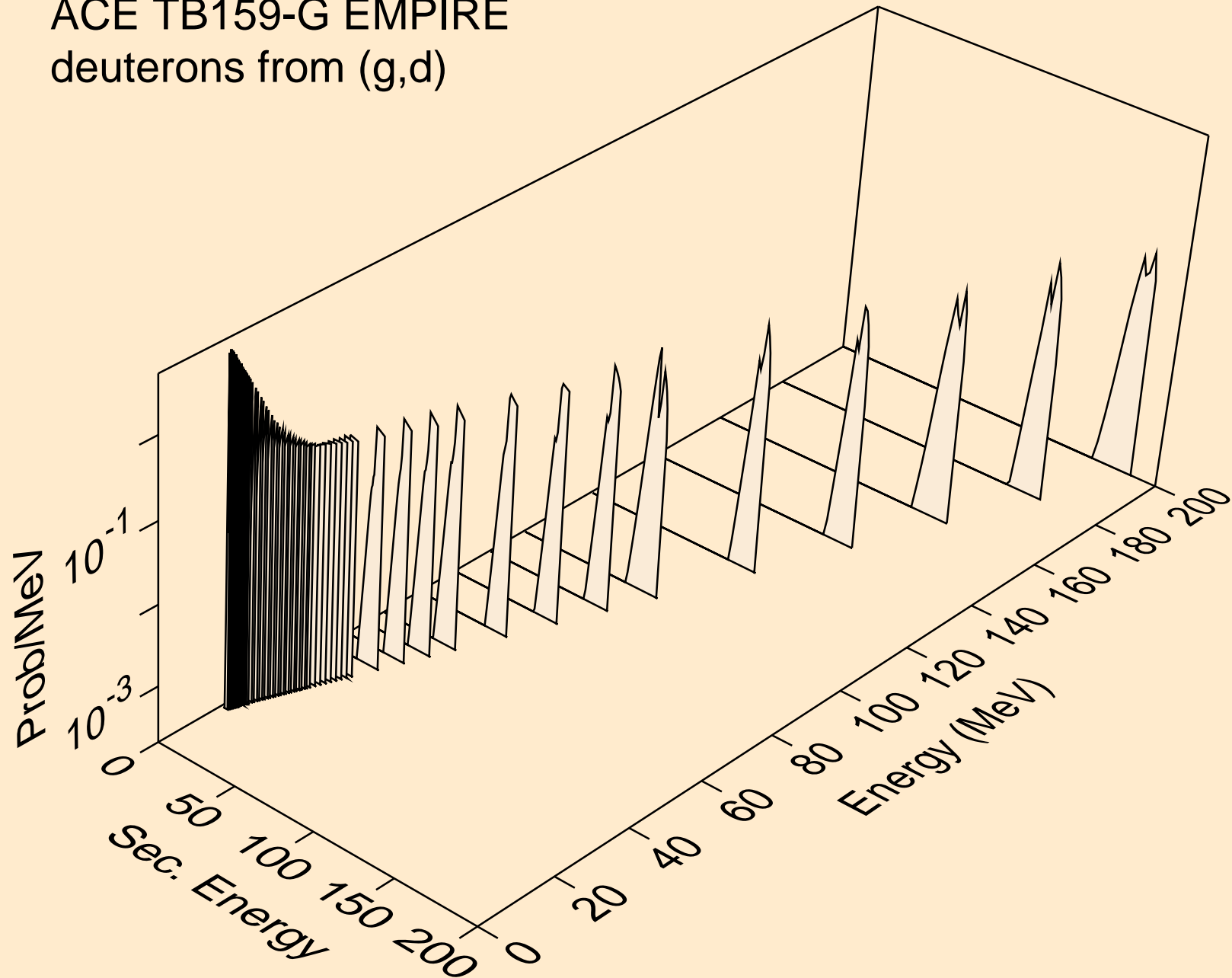
ACE TB159-G EMPIRE  
deuterons from (g,2nd)



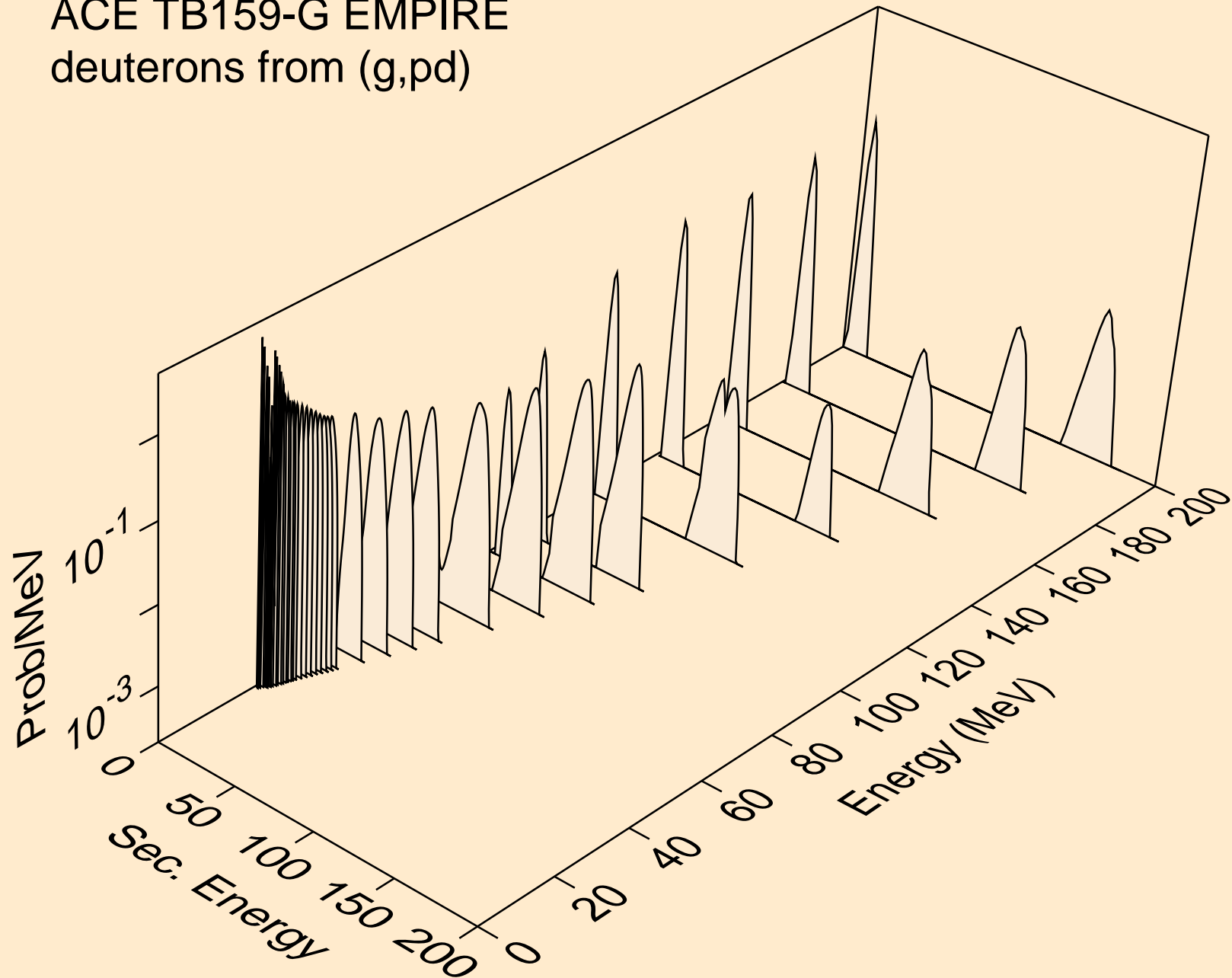
ACE TB159-G EMPIRE  
deuterons from  $(g,n^*)d$



ACE TB159-G EMPIRE  
deuterons from (g,d)

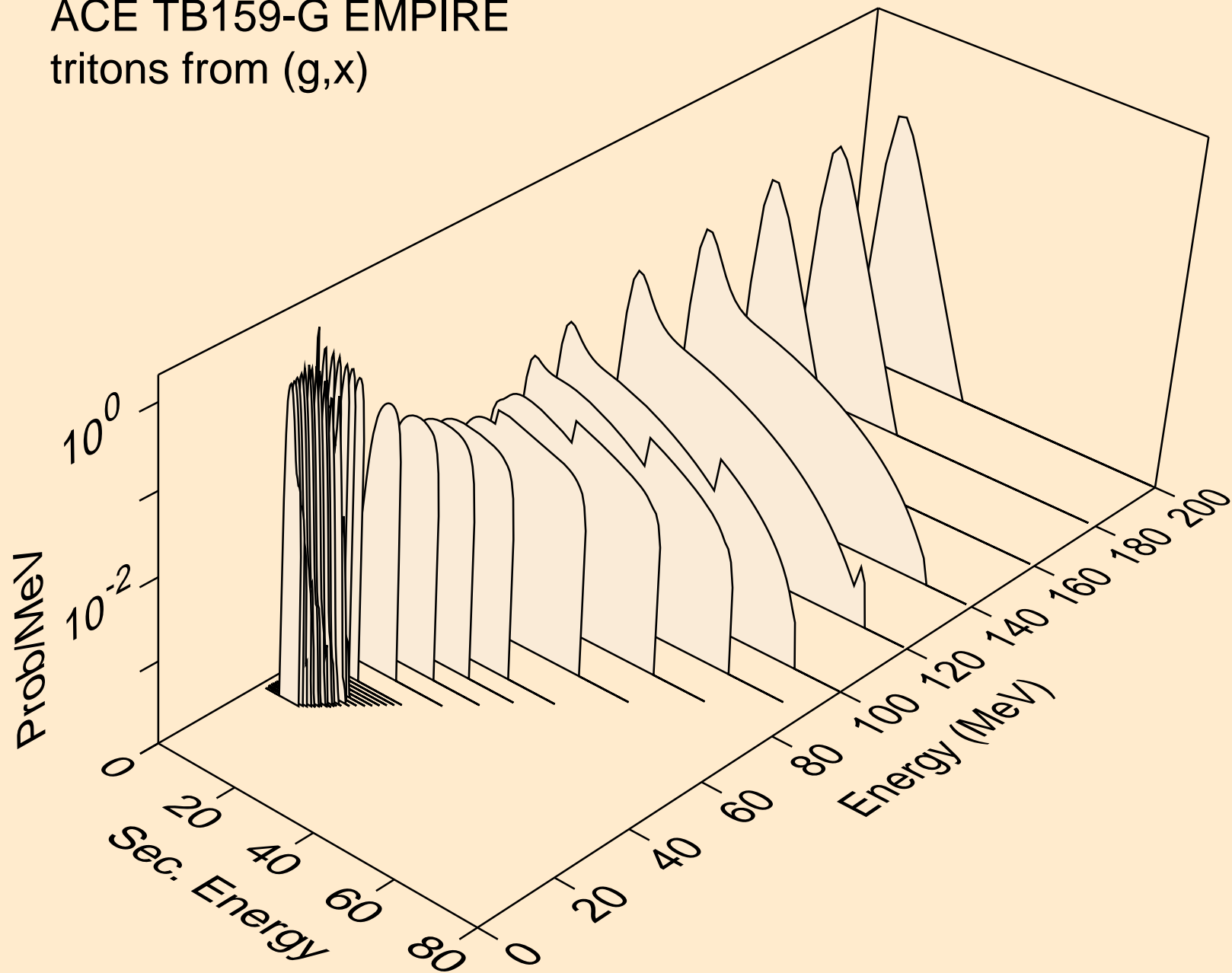


ACE TB159-G EMPIRE  
deuterons from (g,pd)



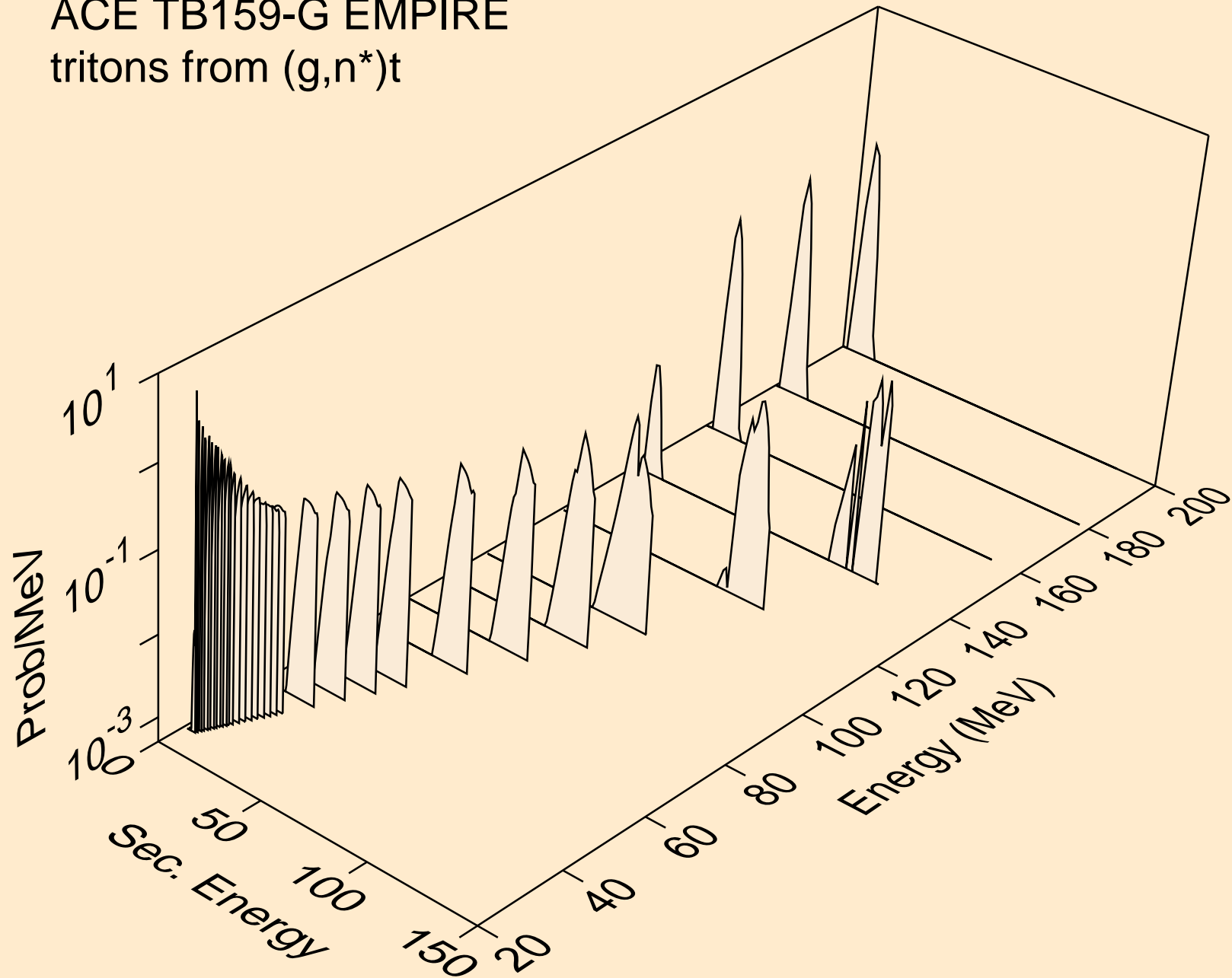
# ACE TB159-G EMPIRE

tritons from (g,x)



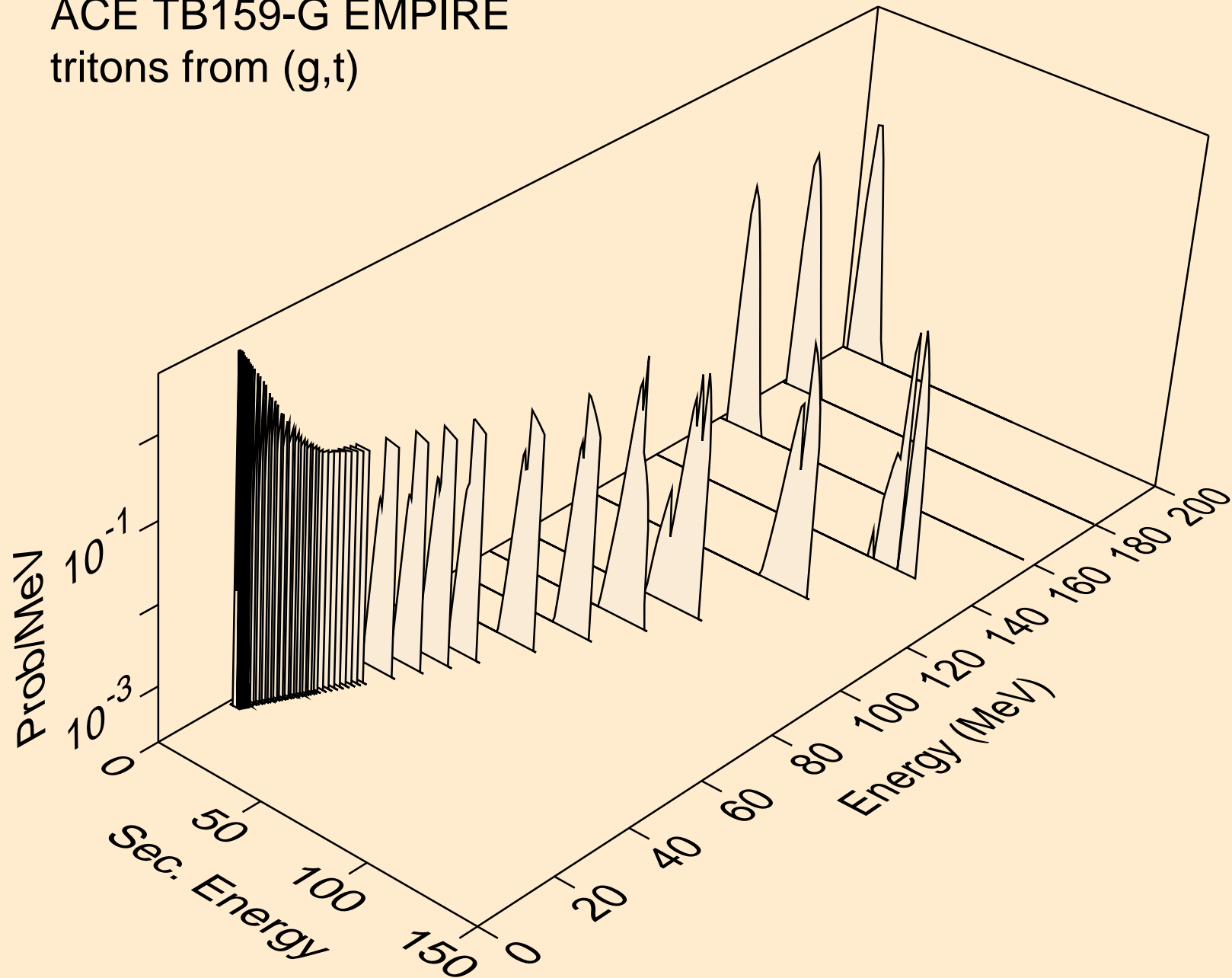
# ACE TB159-G EMPIRE

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



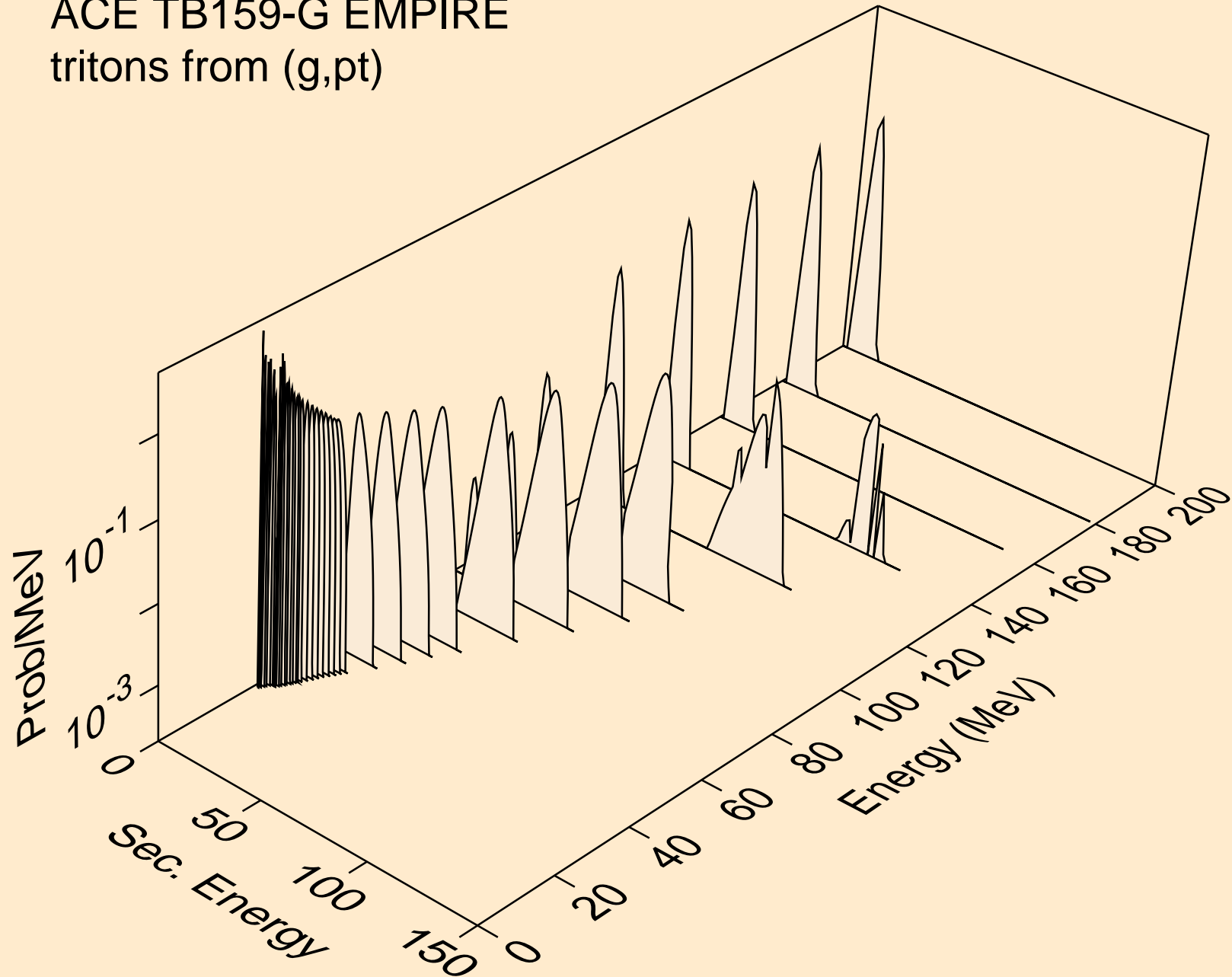
# ACE TB159-G EMPIRE

tritons from (g,t)

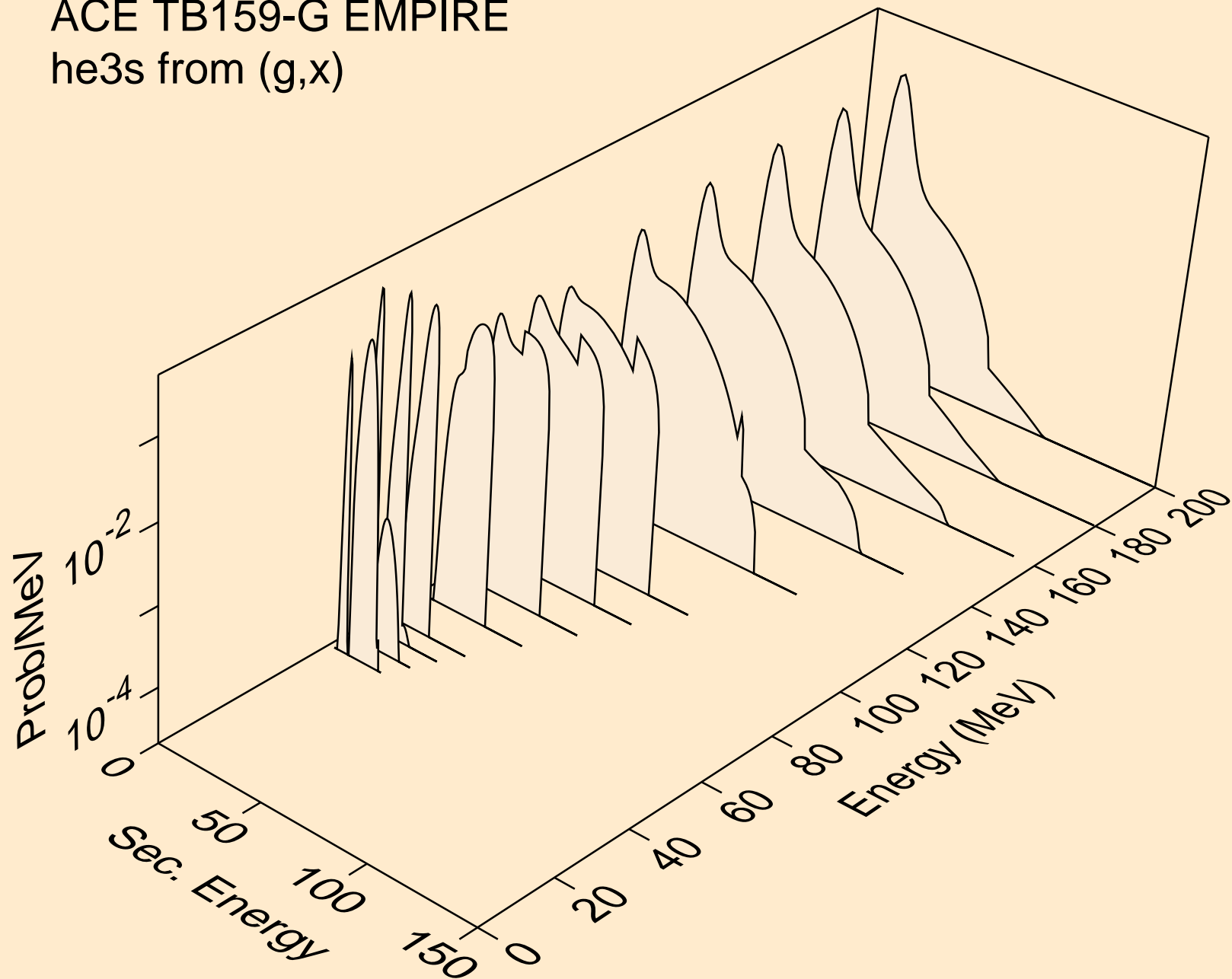




ACE TB159-G EMPIRE  
tritons from (g,pt)

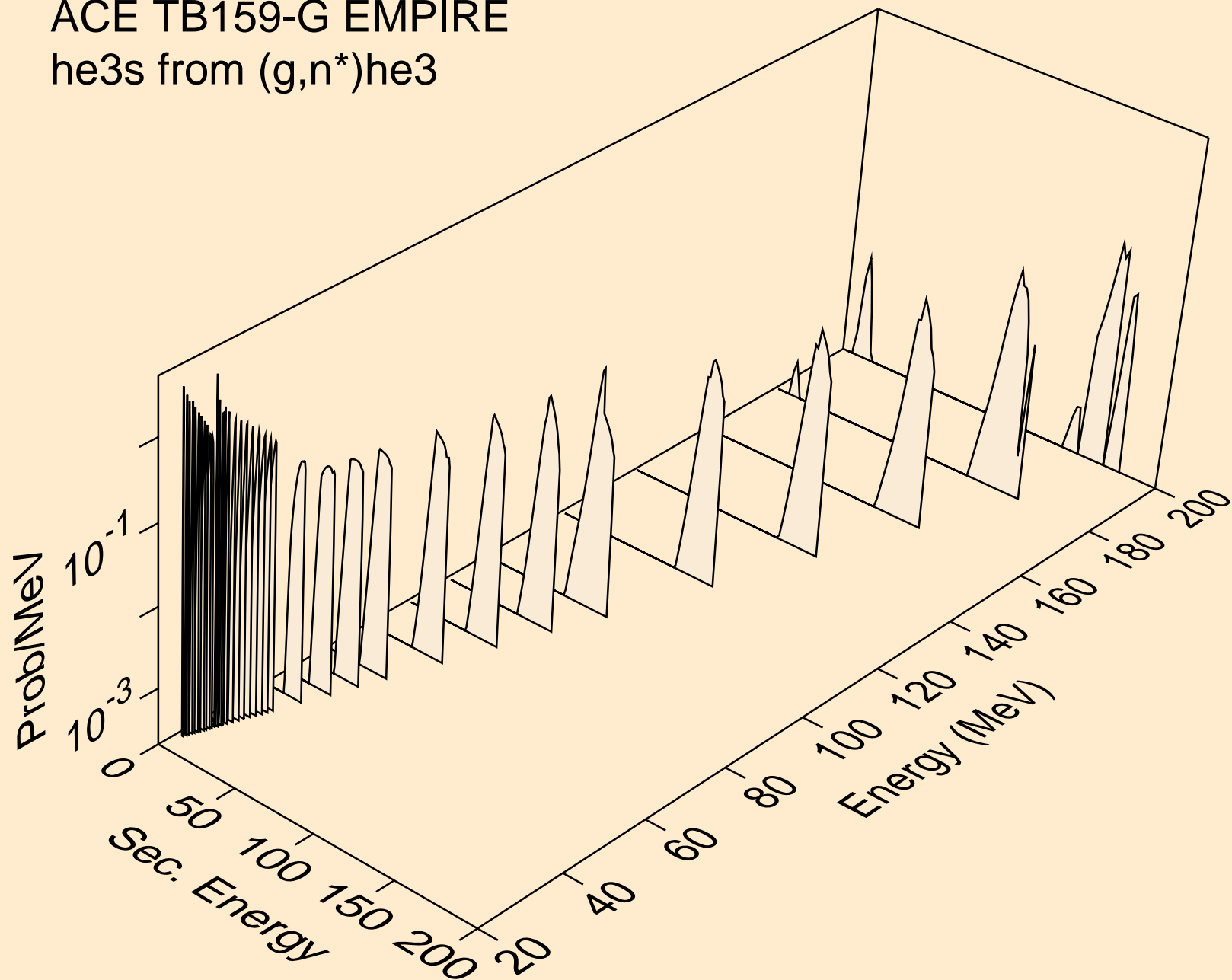


ACE TB159-G EMPIRE  
he3s from (g,x)

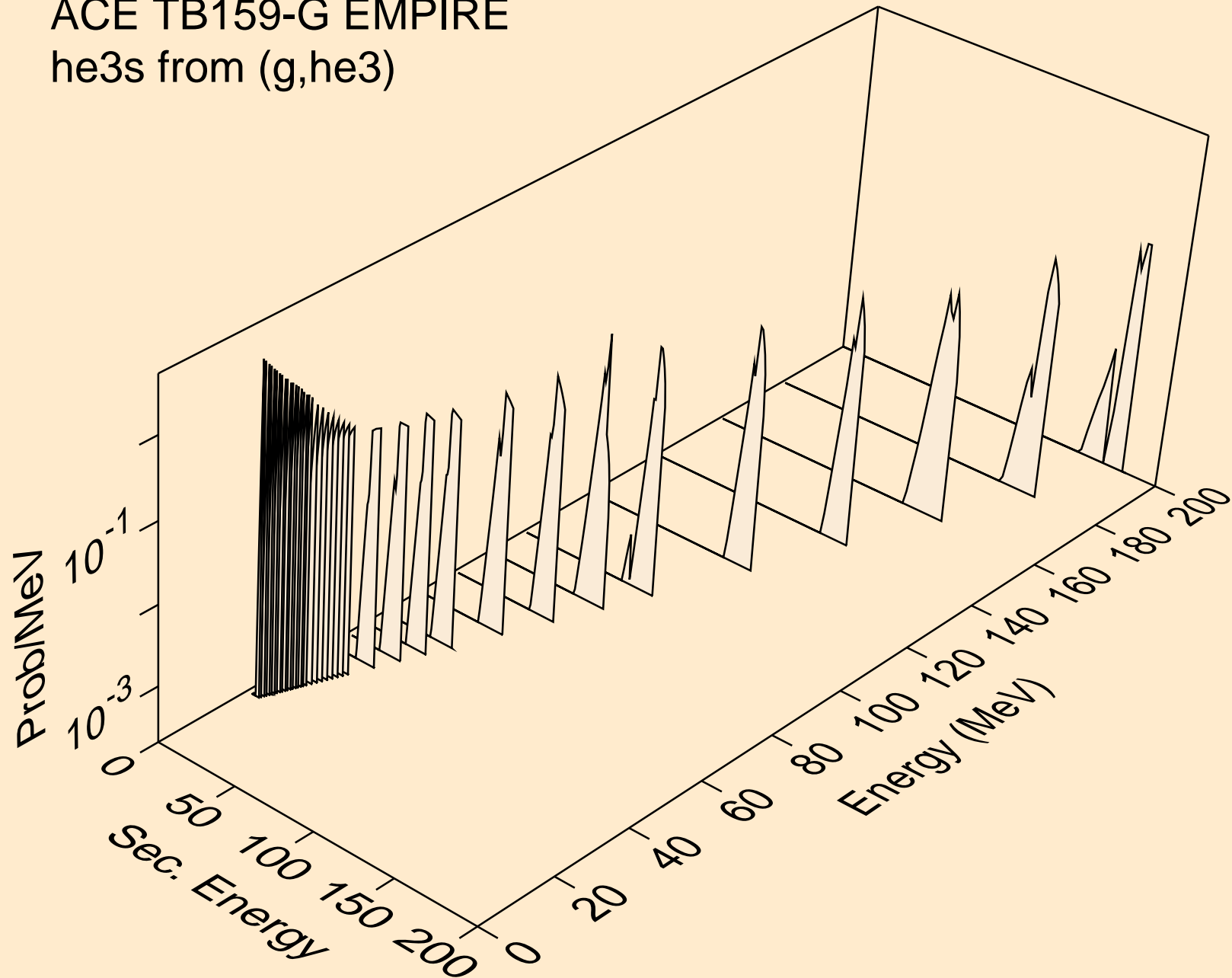


ACE TB159-G EMPIRE

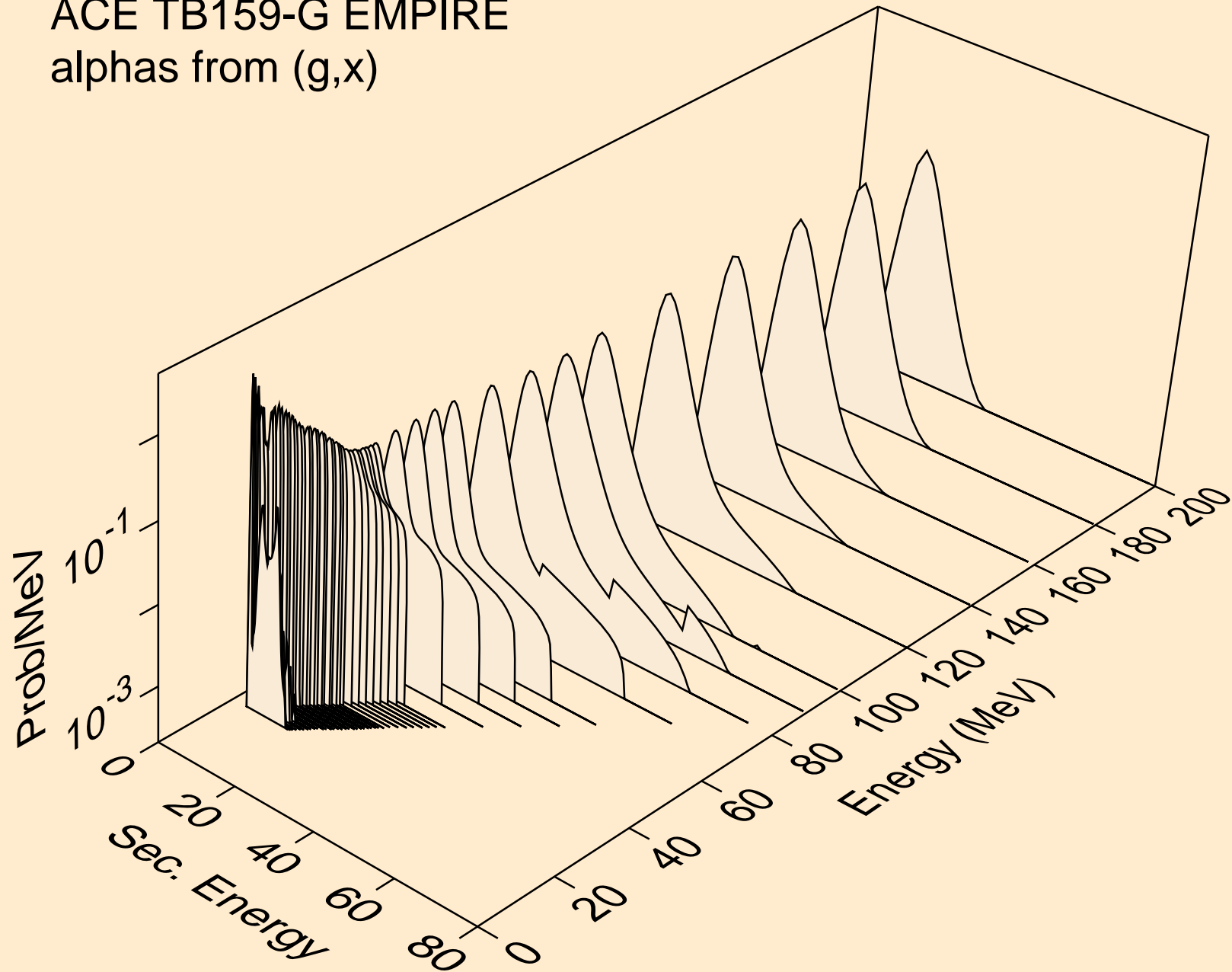
he3s from (g,n\*)he3



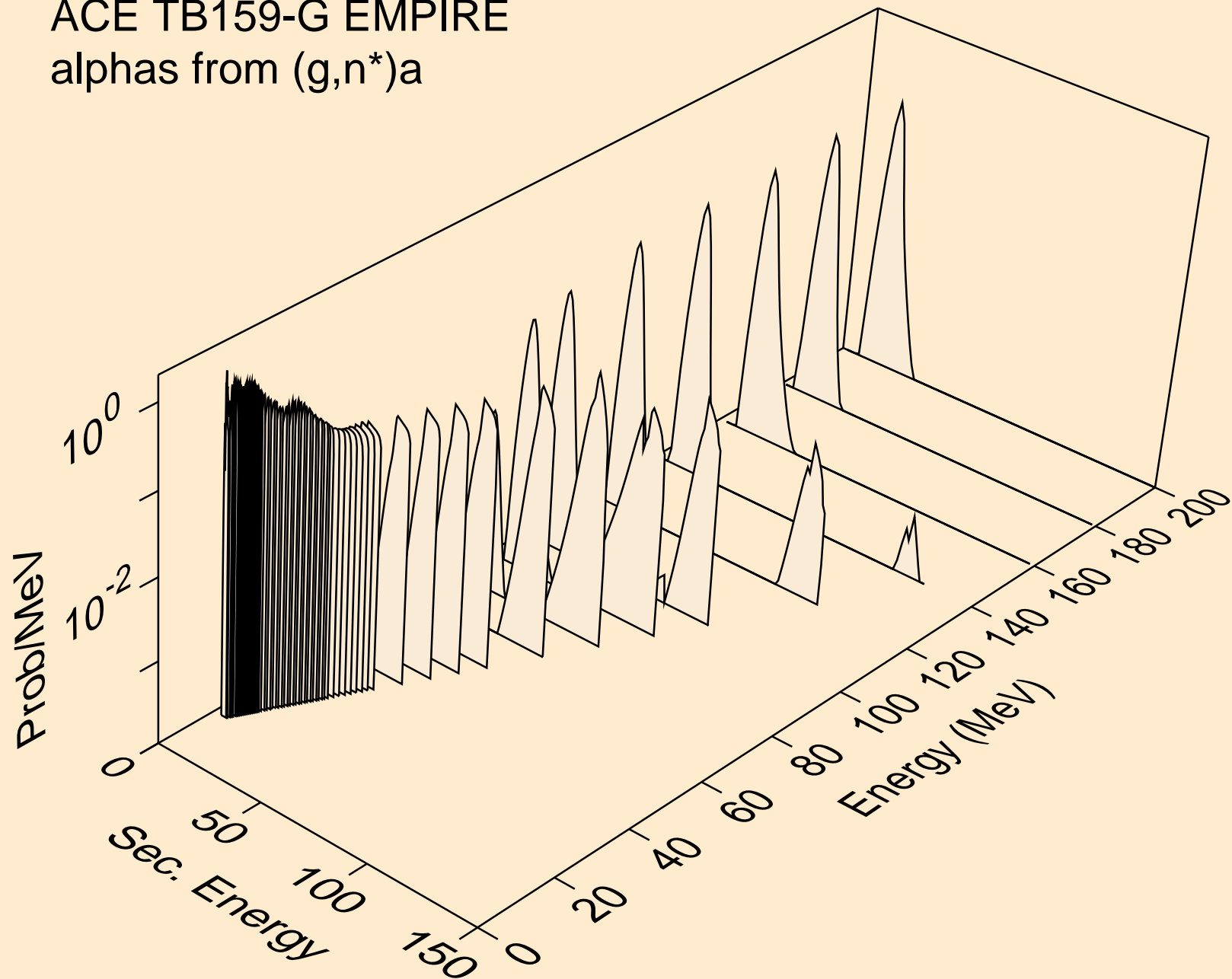
ACE TB159-G EMPIRE  
he3s from (g,he3)



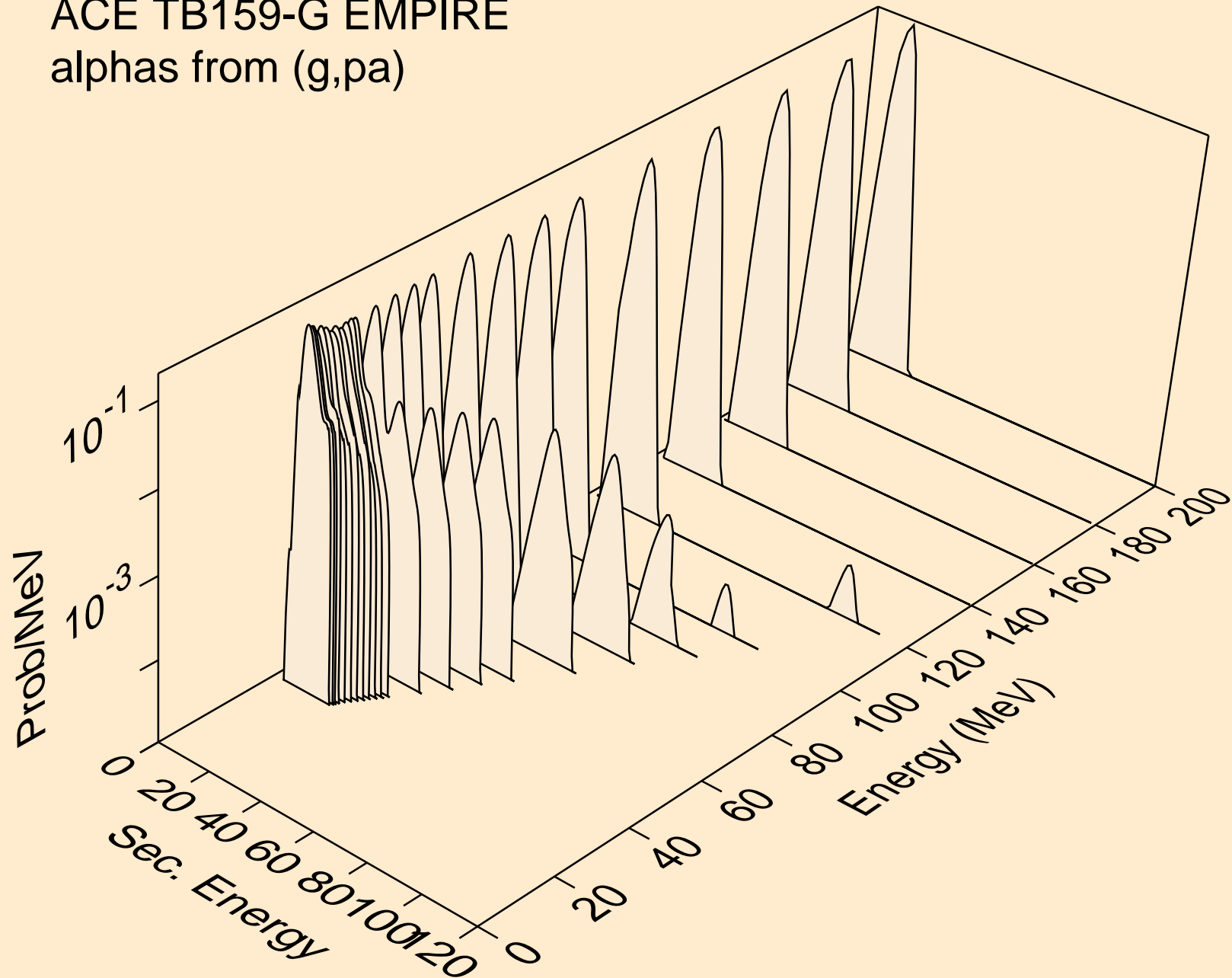
ACE TB159-G EMPIRE  
alphas from (g,x)



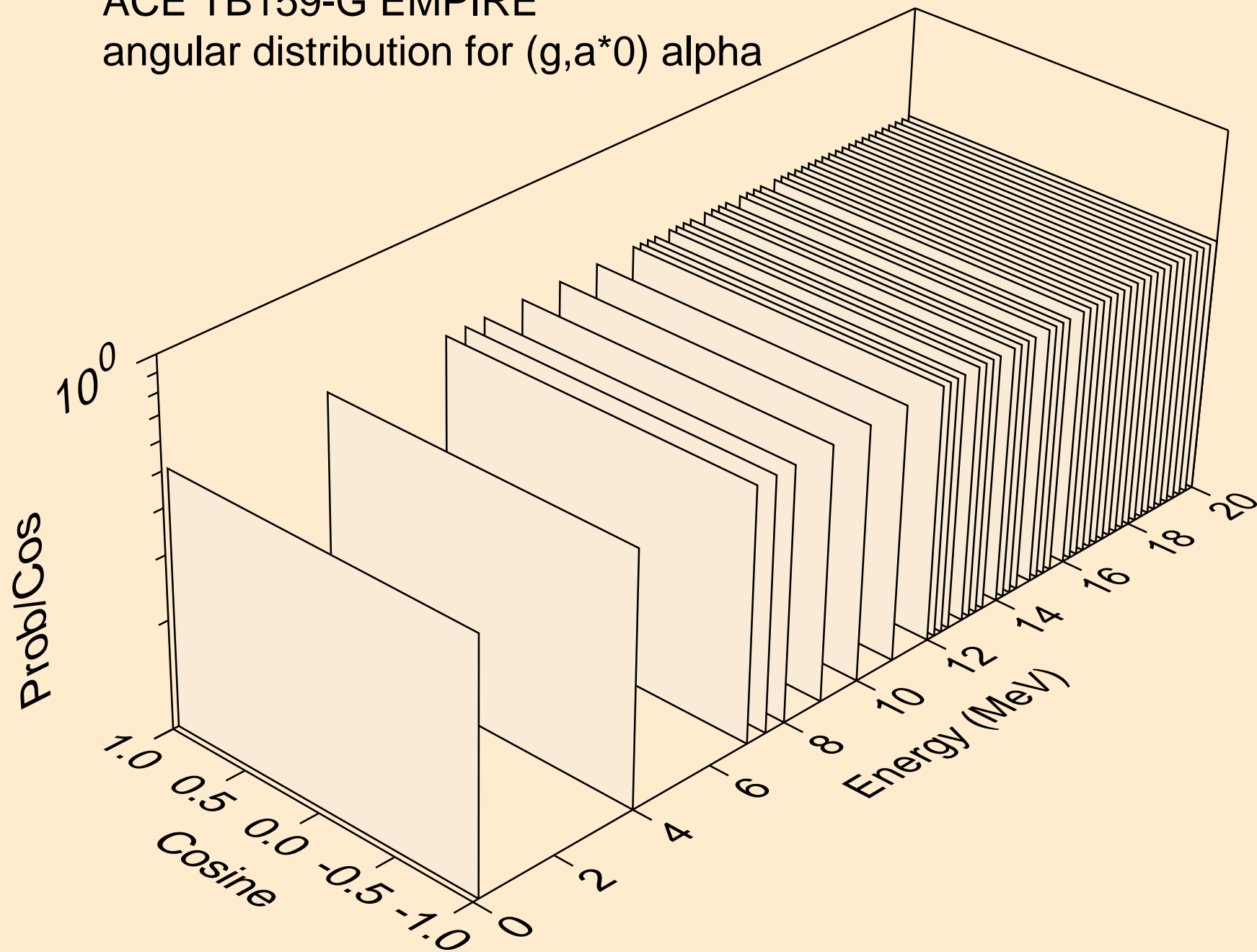
ACE TB159-G EMPIRE  
alphas from  $(g,n^*)a$



ACE TB159-G EMPIRE  
alphas from (g,pa)

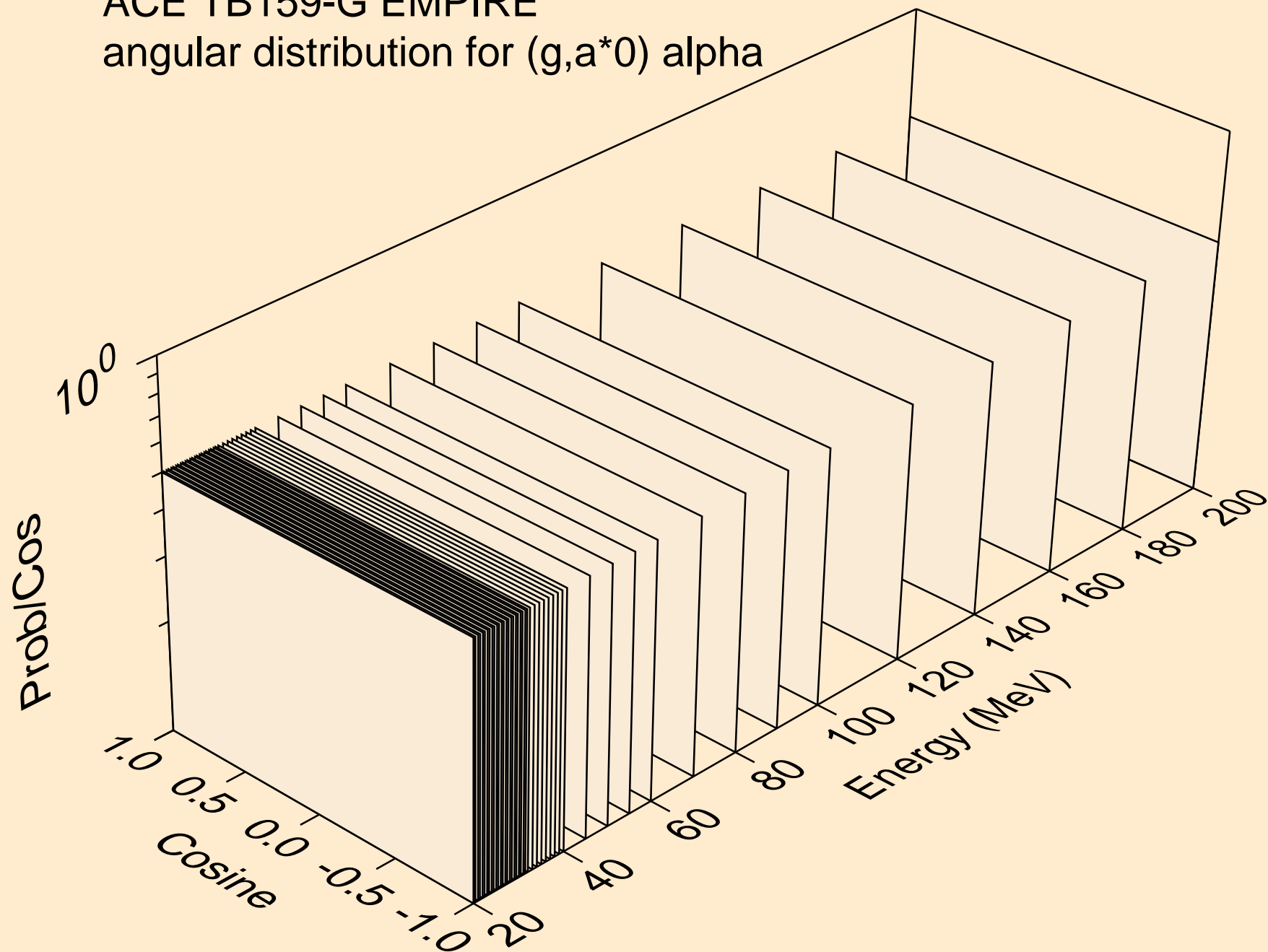


ACE TB159-G EMPIRE  
angular distribution for (g,a\*0) alpha

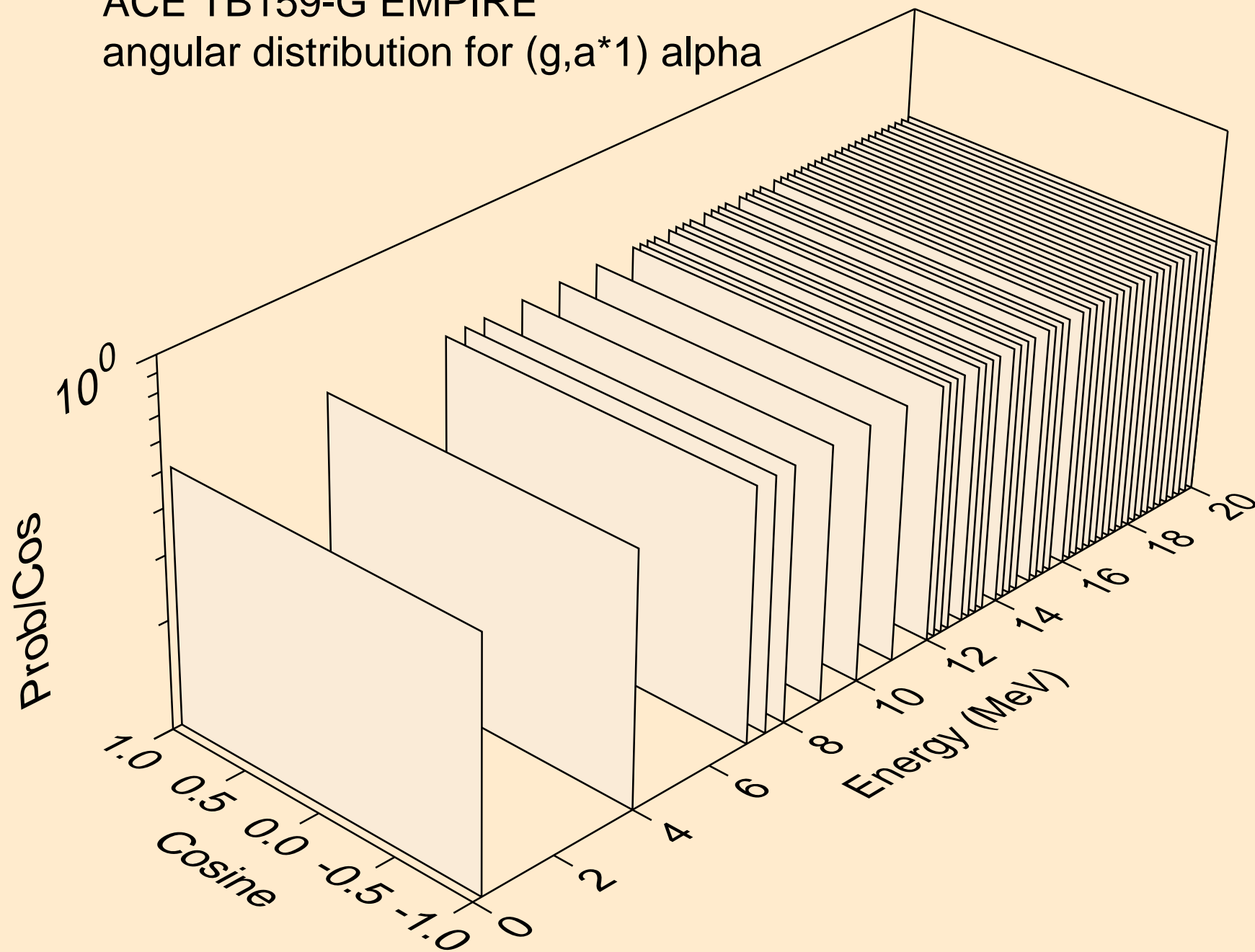




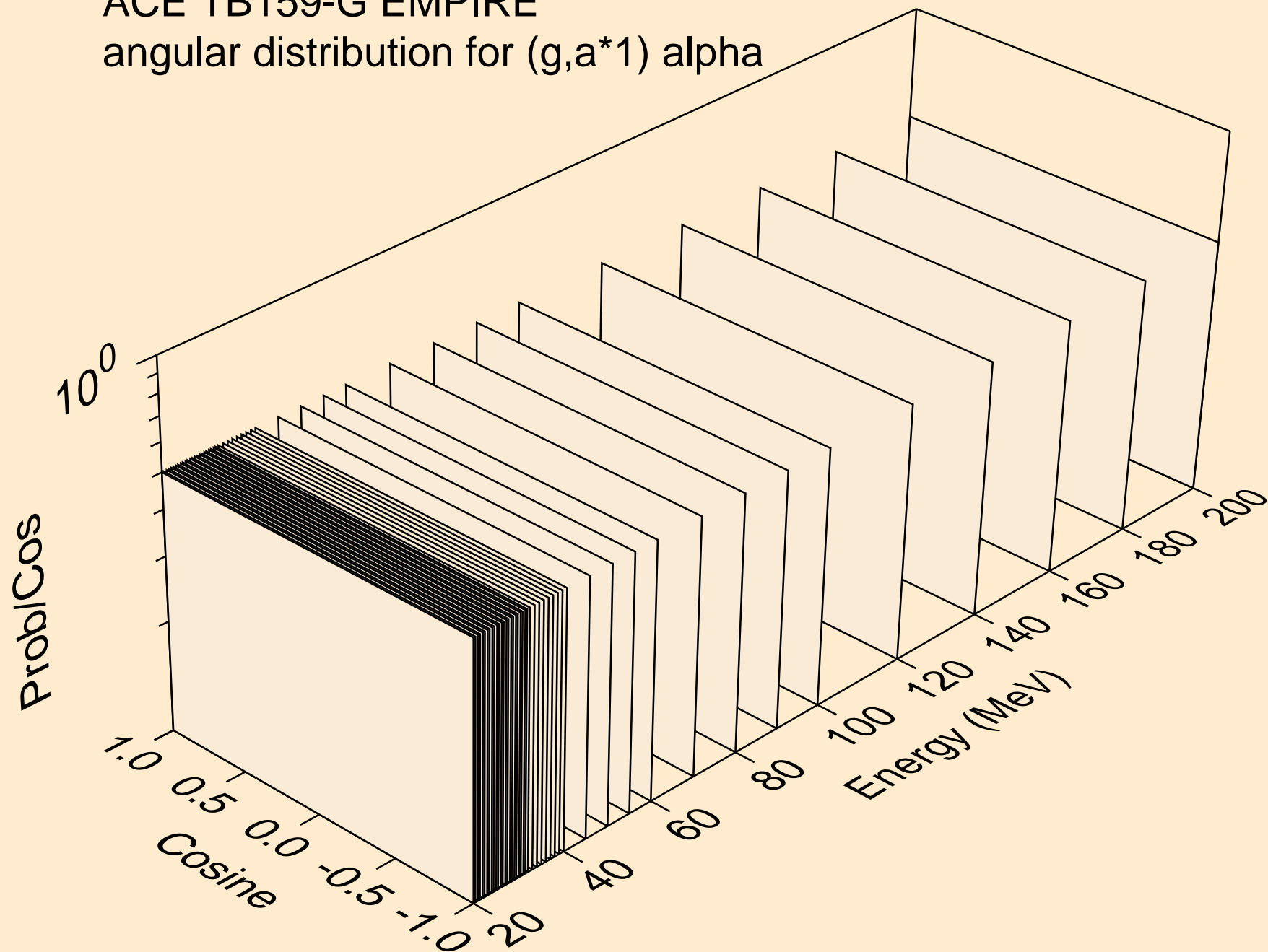
ACE TB159-G EMPIRE  
angular distribution for (g,a\*0) alpha



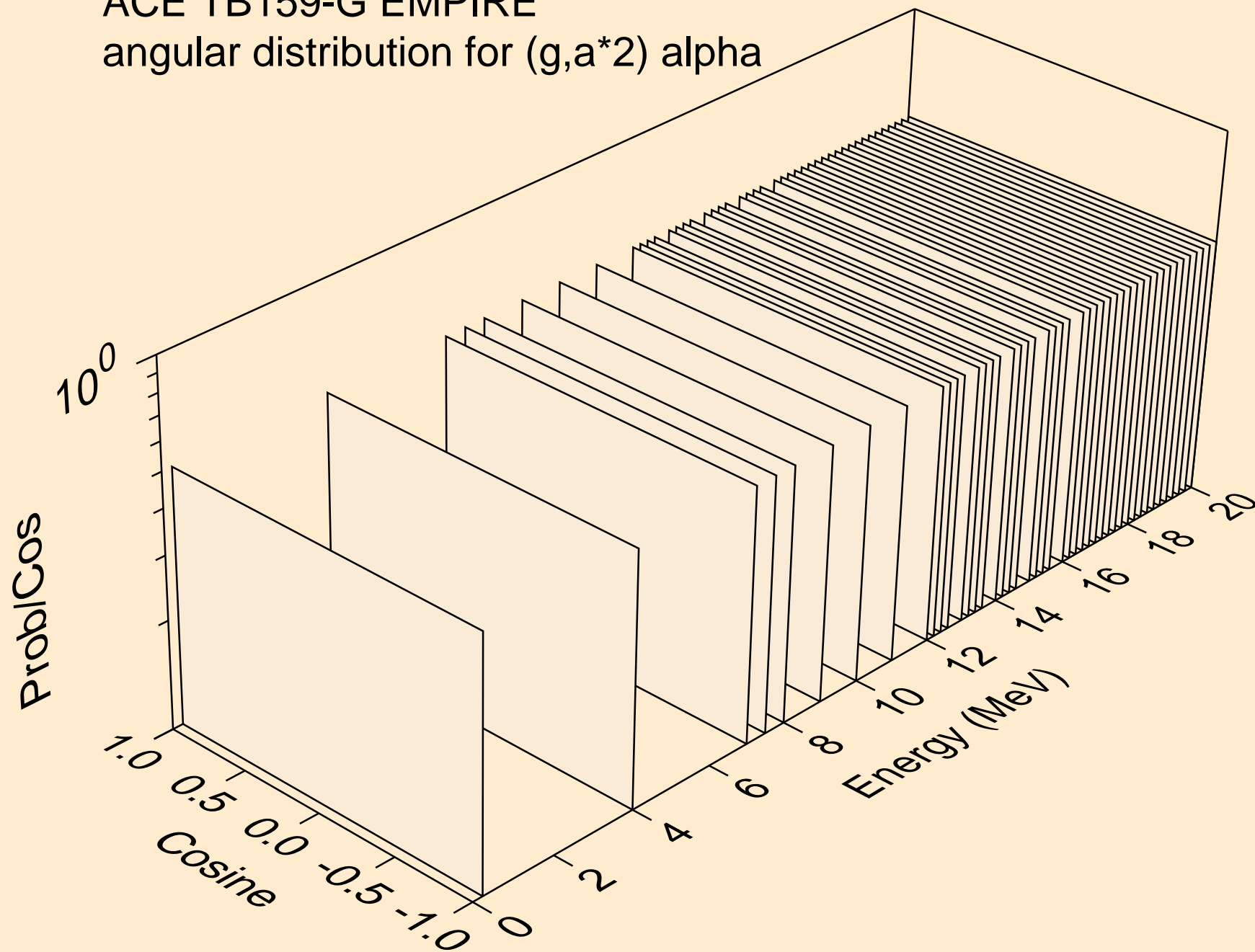
ACE TB159-G EMPIRE  
angular distribution for (g,a\*1) alpha



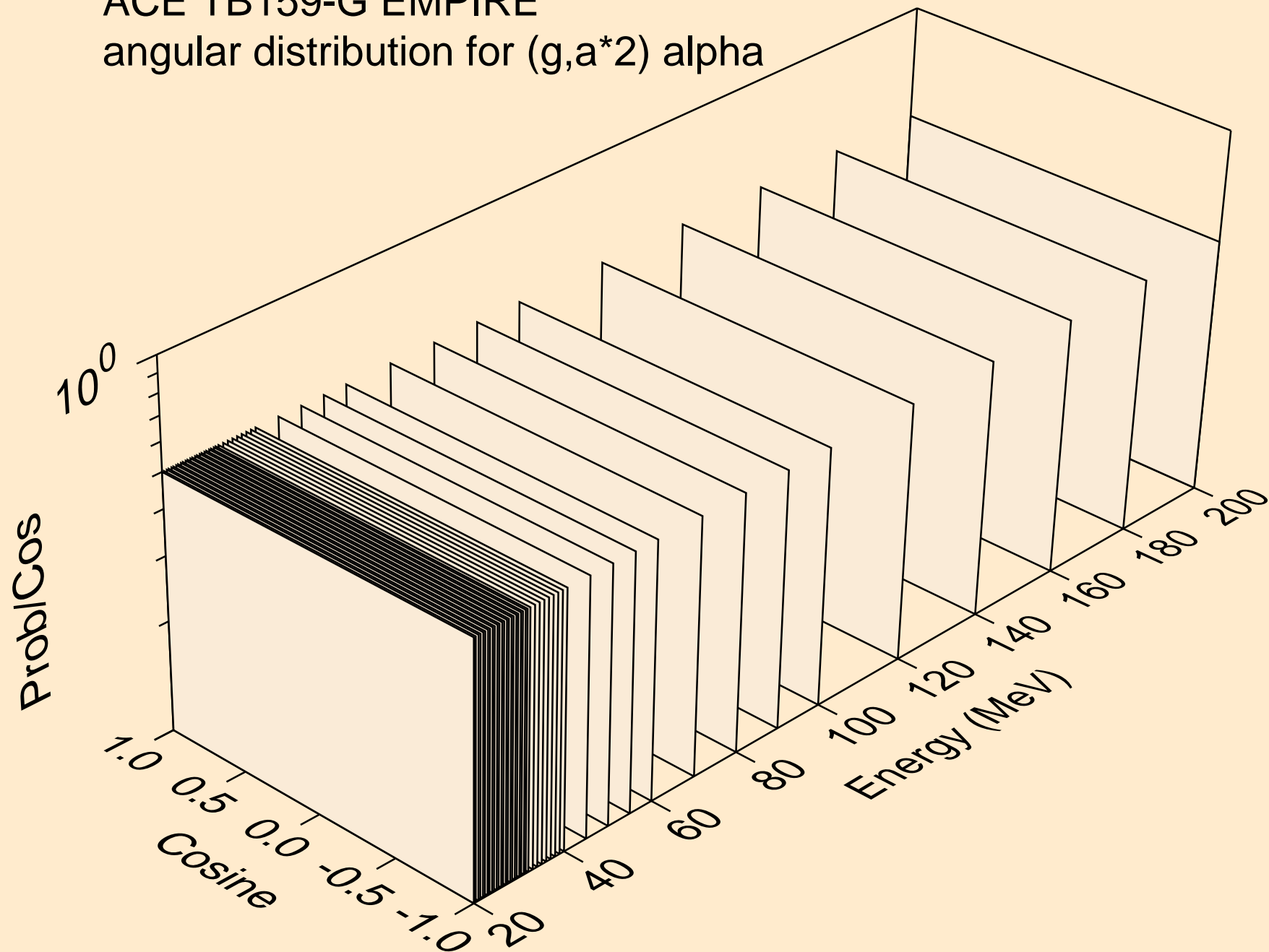
ACE TB159-G EMPIRE  
angular distribution for (g,a\*1) alpha



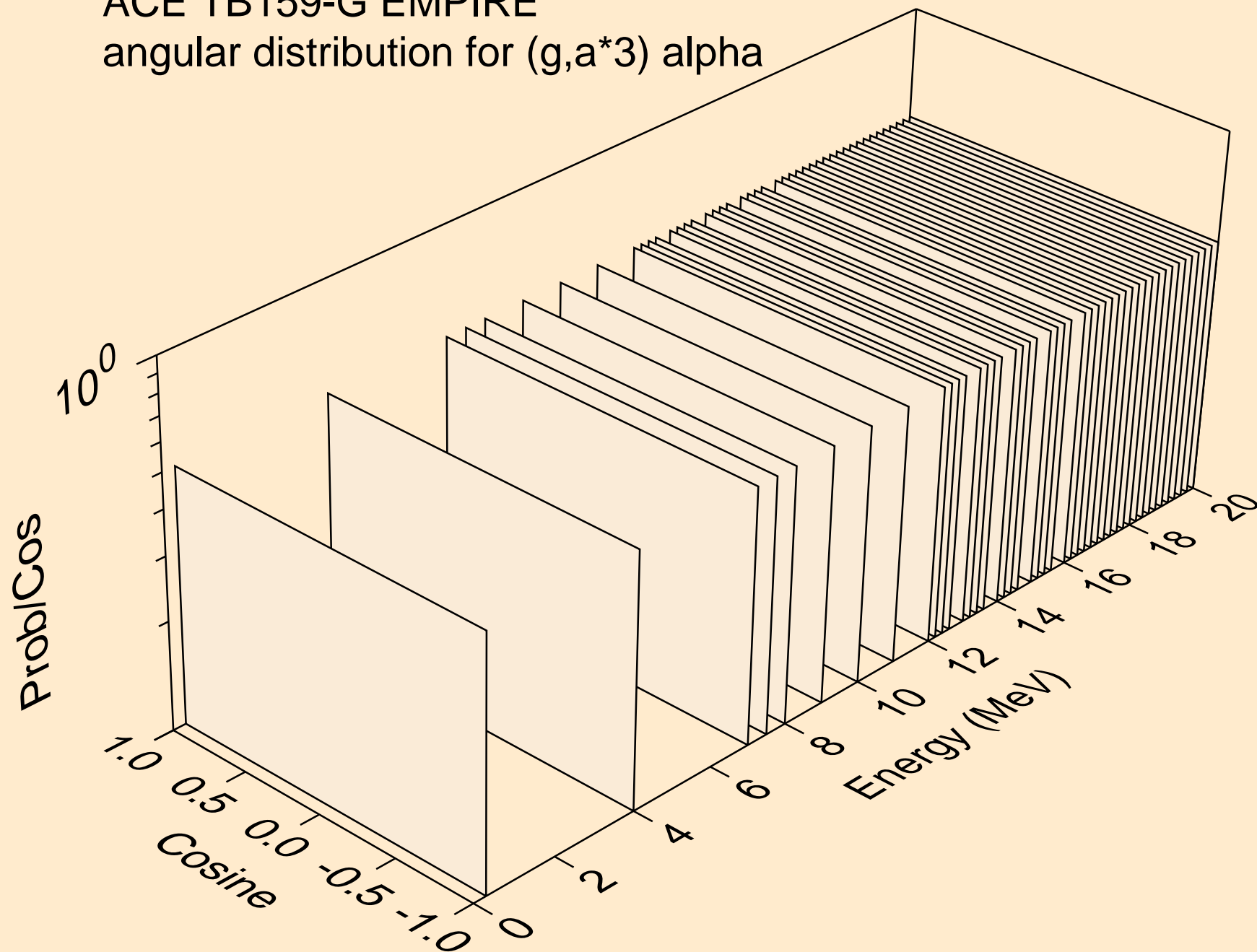
ACE TB159-G EMPIRE  
angular distribution for (g,a\*2) alpha



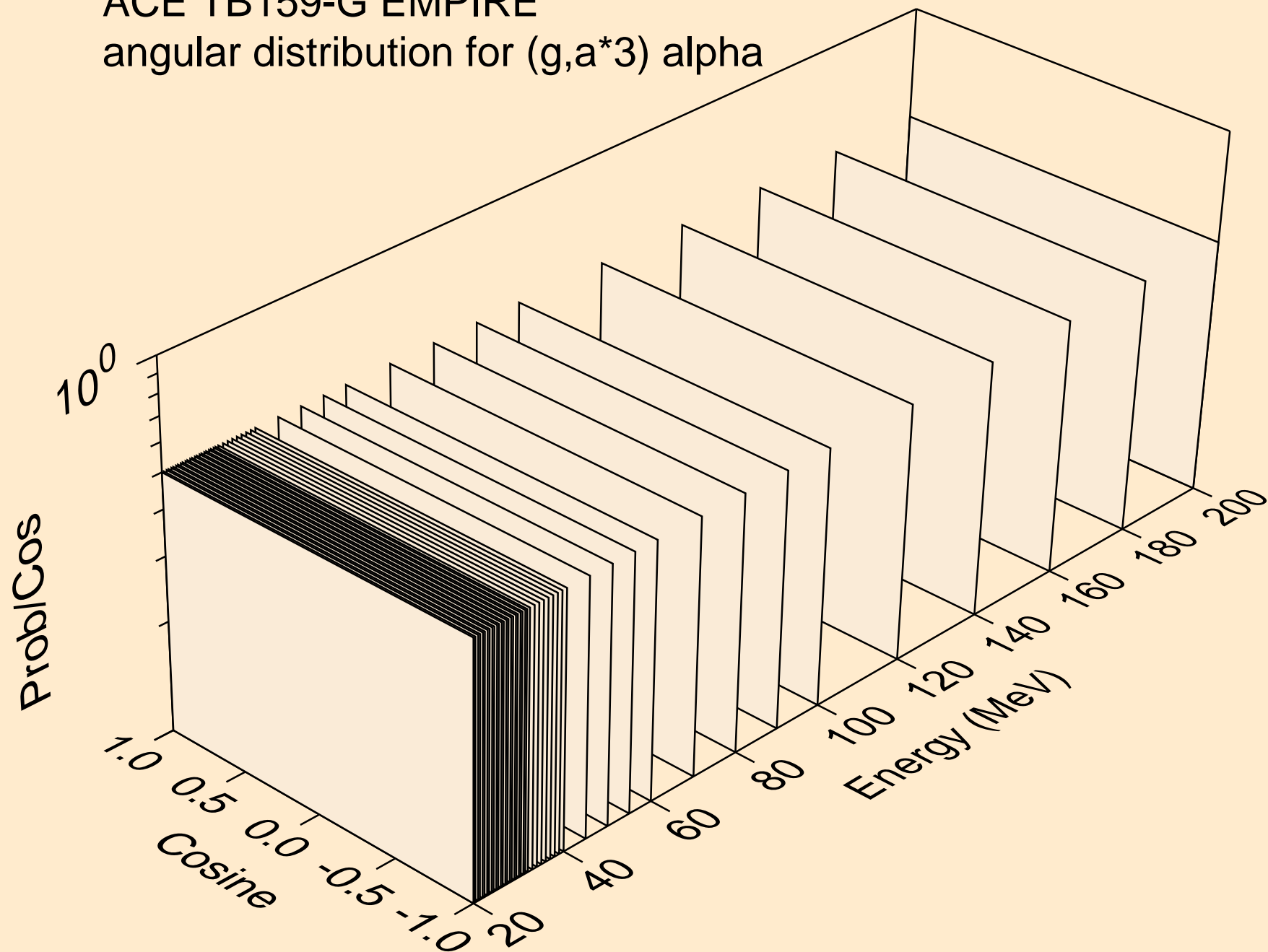
ACE TB159-G EMPIRE  
angular distribution for (g,a\*2) alpha



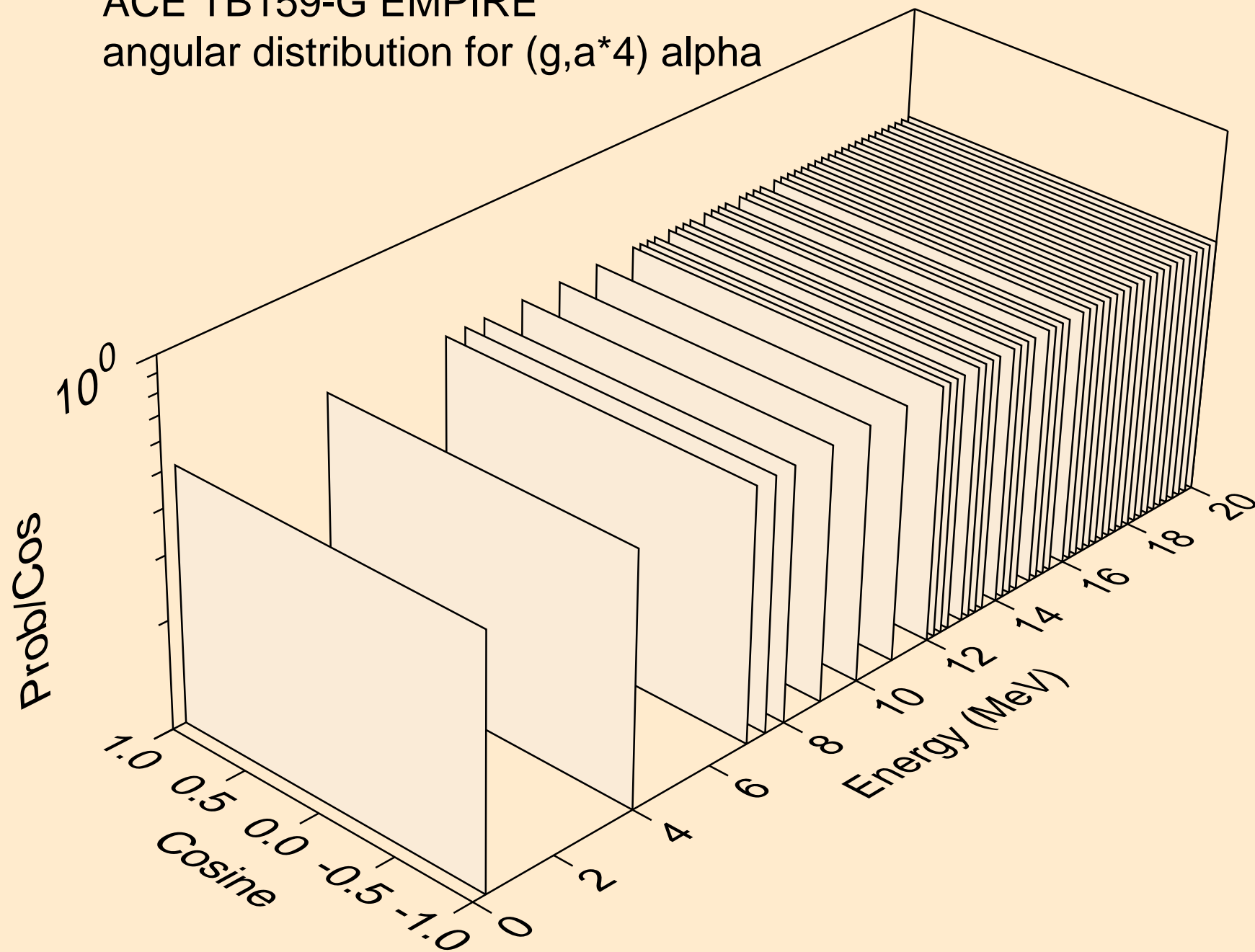
ACE TB159-G EMPIRE  
angular distribution for (g,a\*3) alpha



ACE TB159-G EMPIRE  
angular distribution for (g,a\*3) alpha

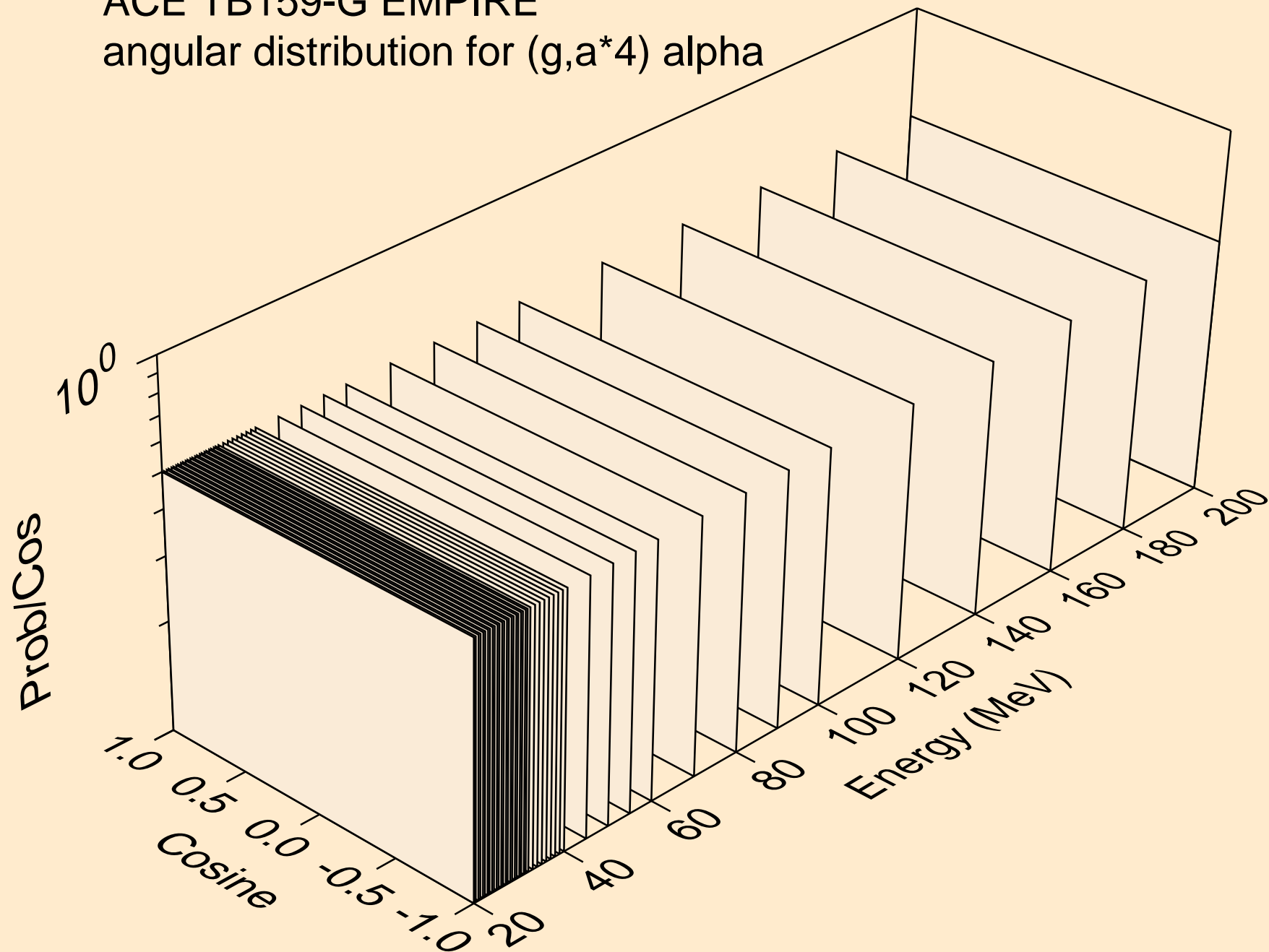


ACE TB159-G EMPIRE  
angular distribution for (g,a\*4) alpha

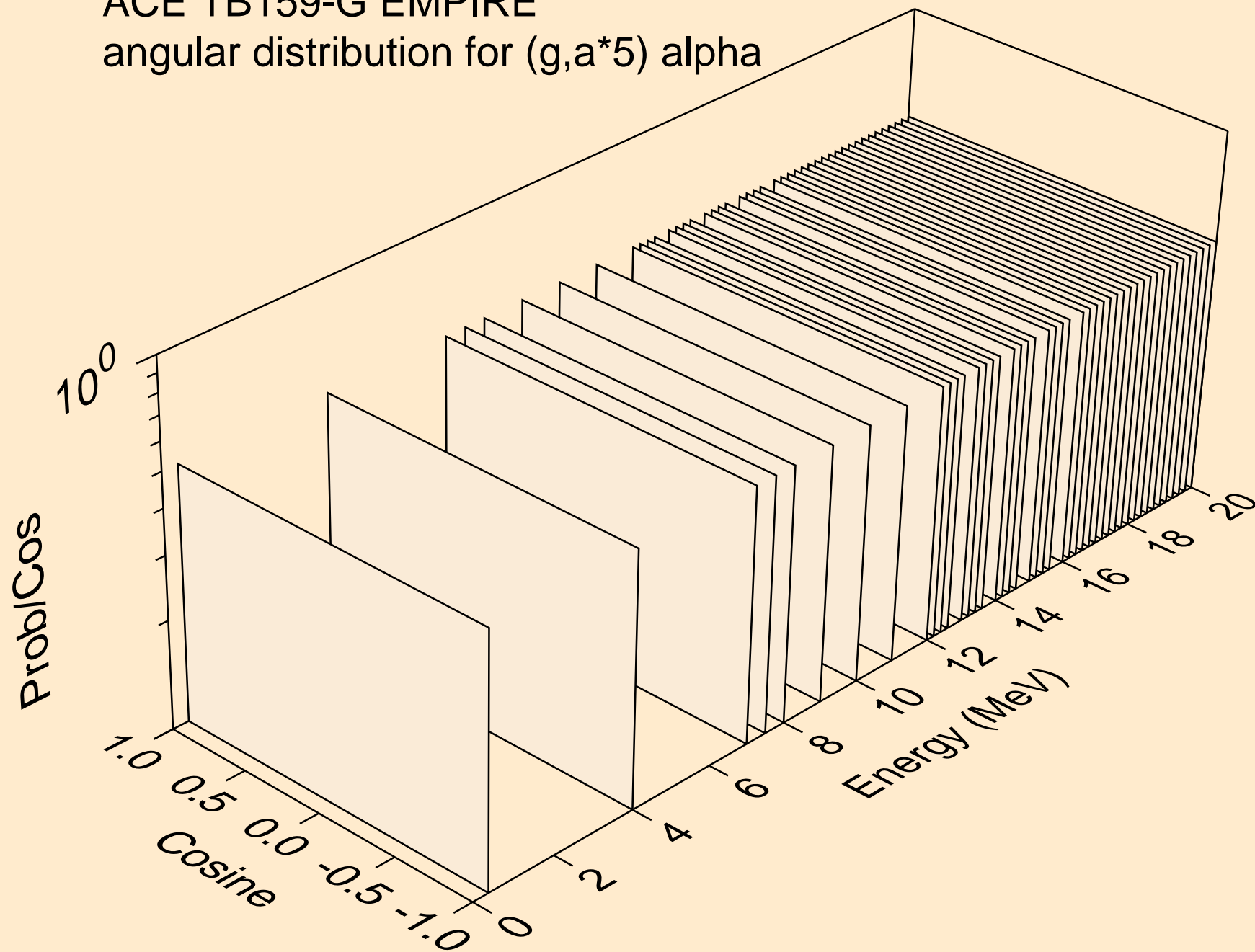




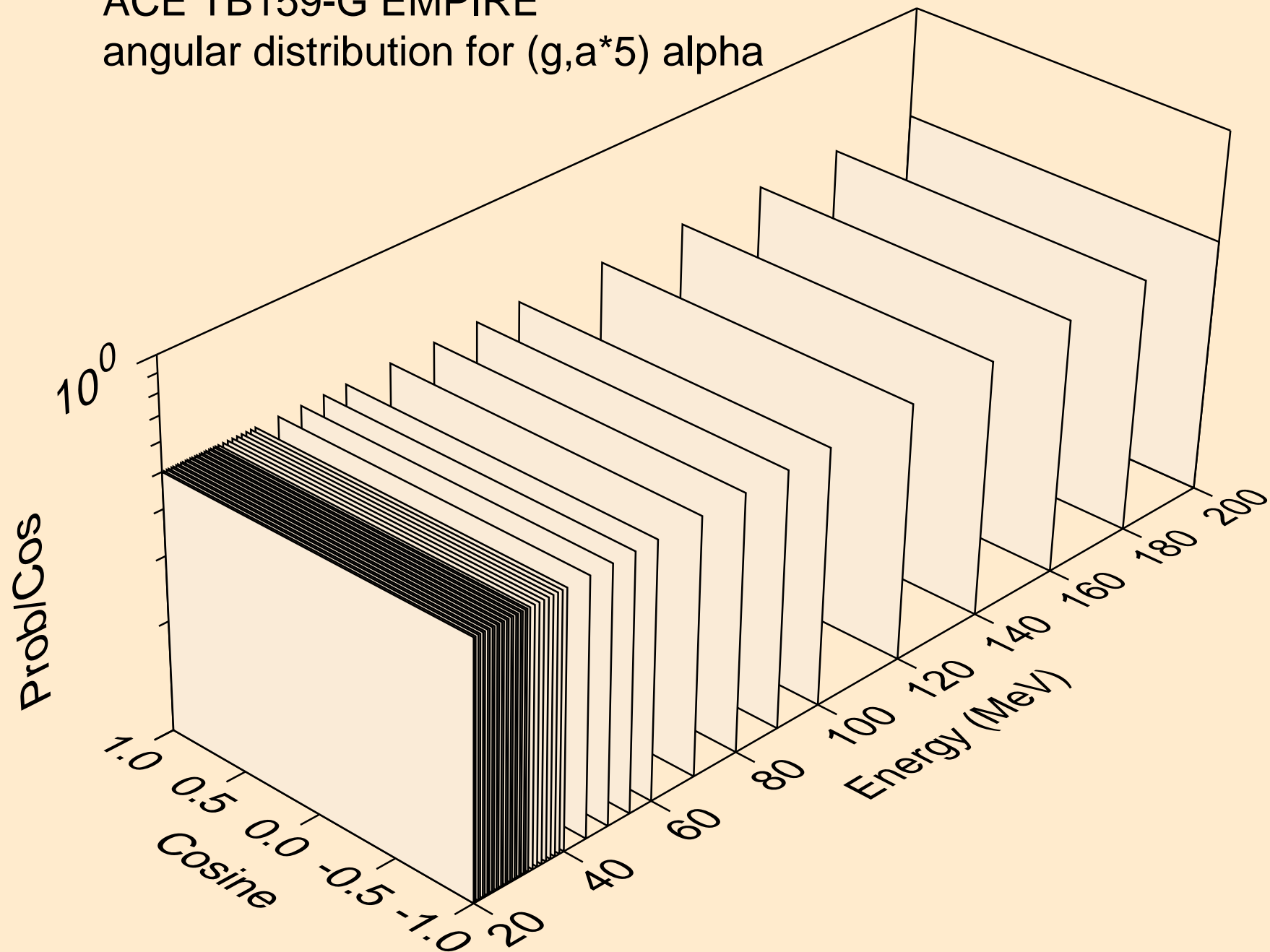
ACE TB159-G EMPIRE  
angular distribution for (g,a\*4) alpha



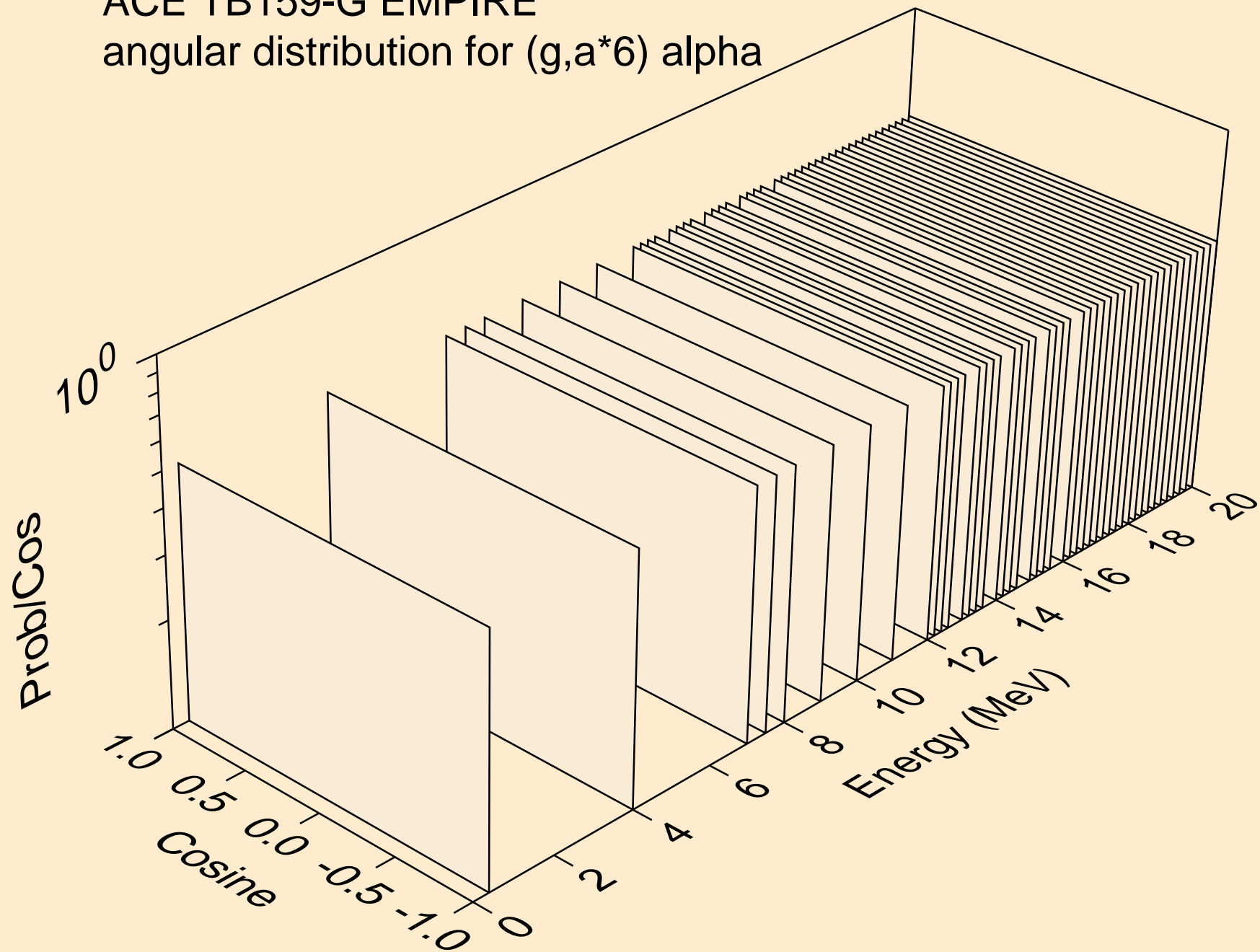
ACE TB159-G EMPIRE  
angular distribution for (g,a\*5) alpha



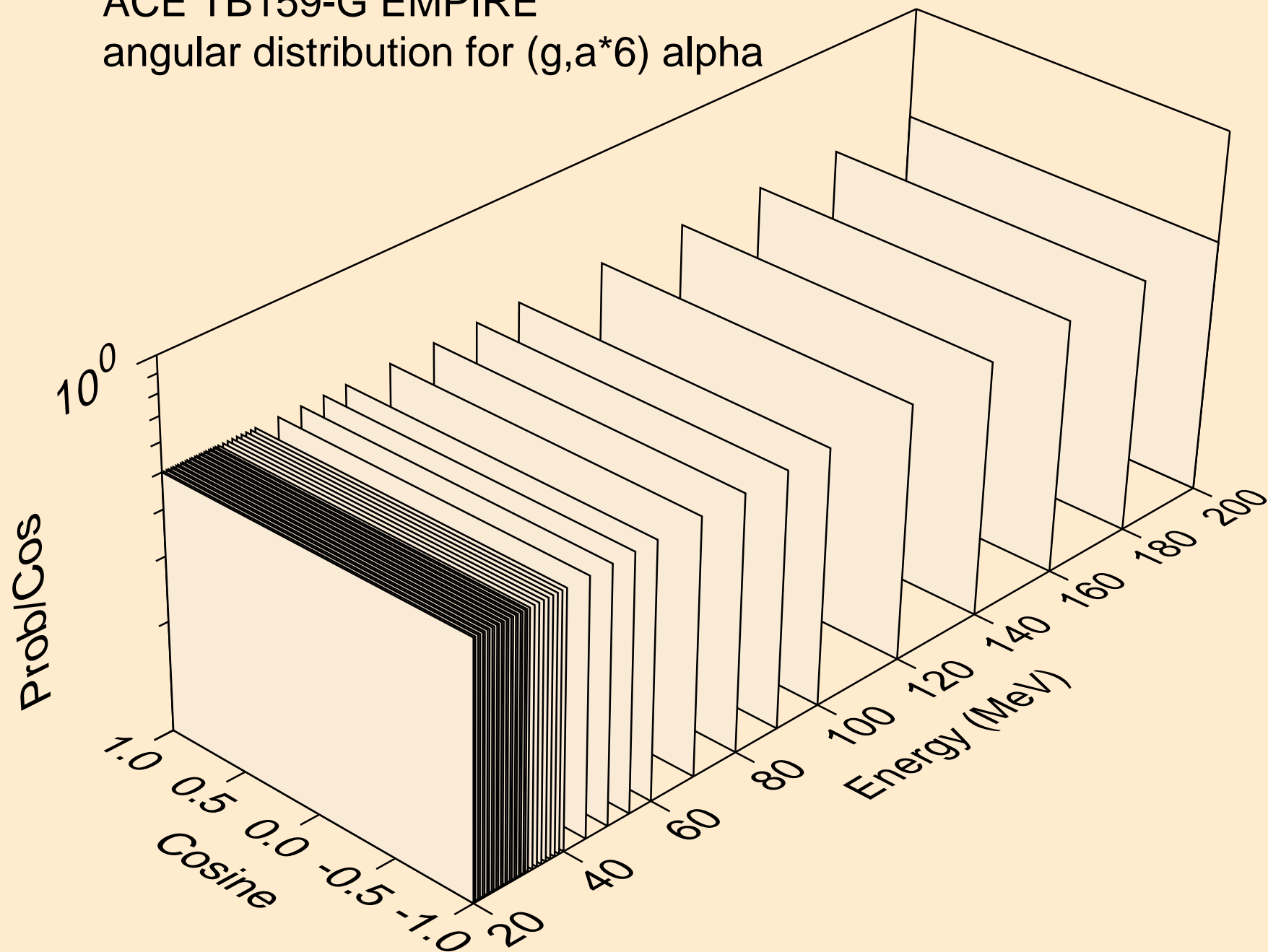
ACE TB159-G EMPIRE  
angular distribution for (g,a\*5) alpha



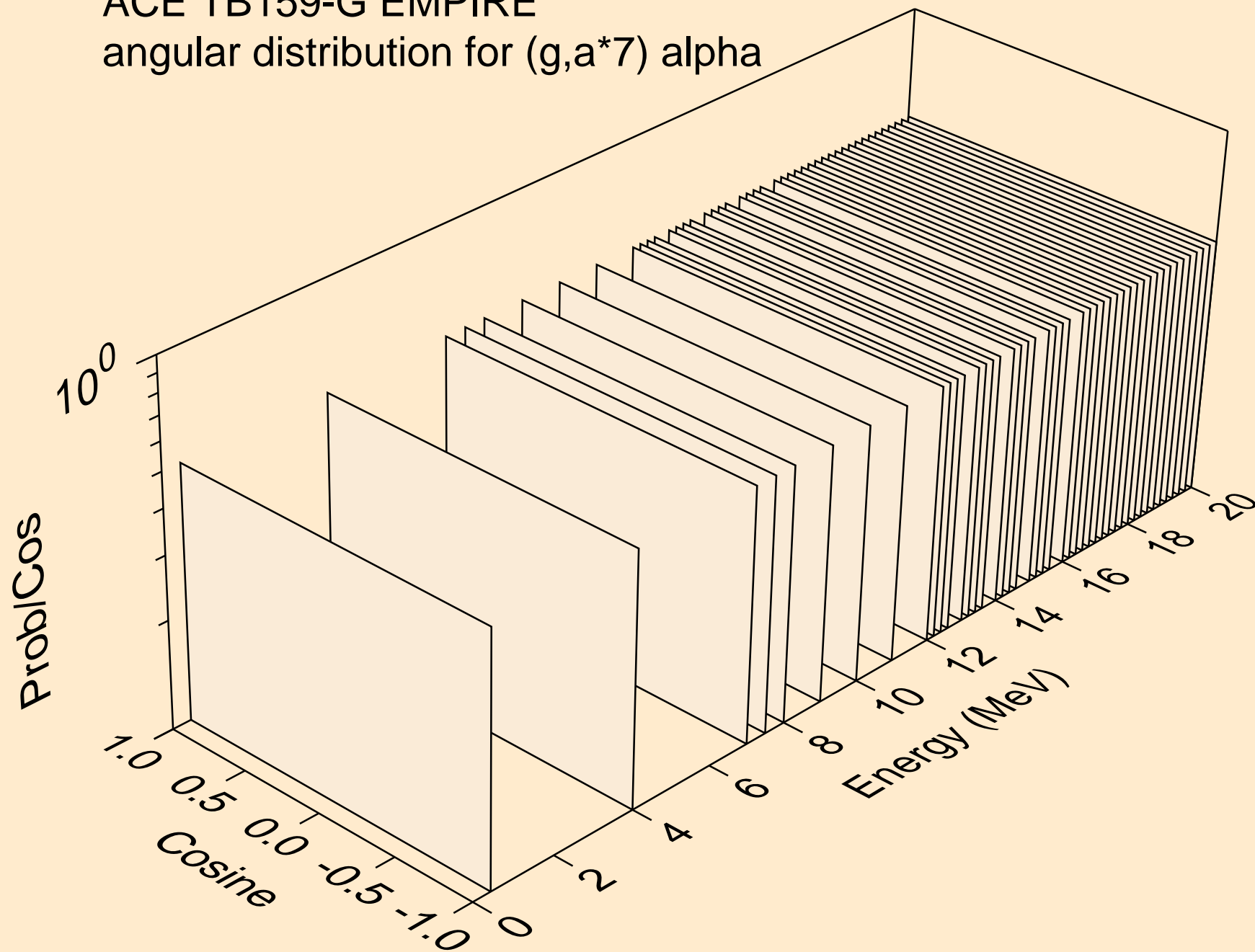
ACE TB159-G EMPIRE  
angular distribution for (g,a\*6) alpha



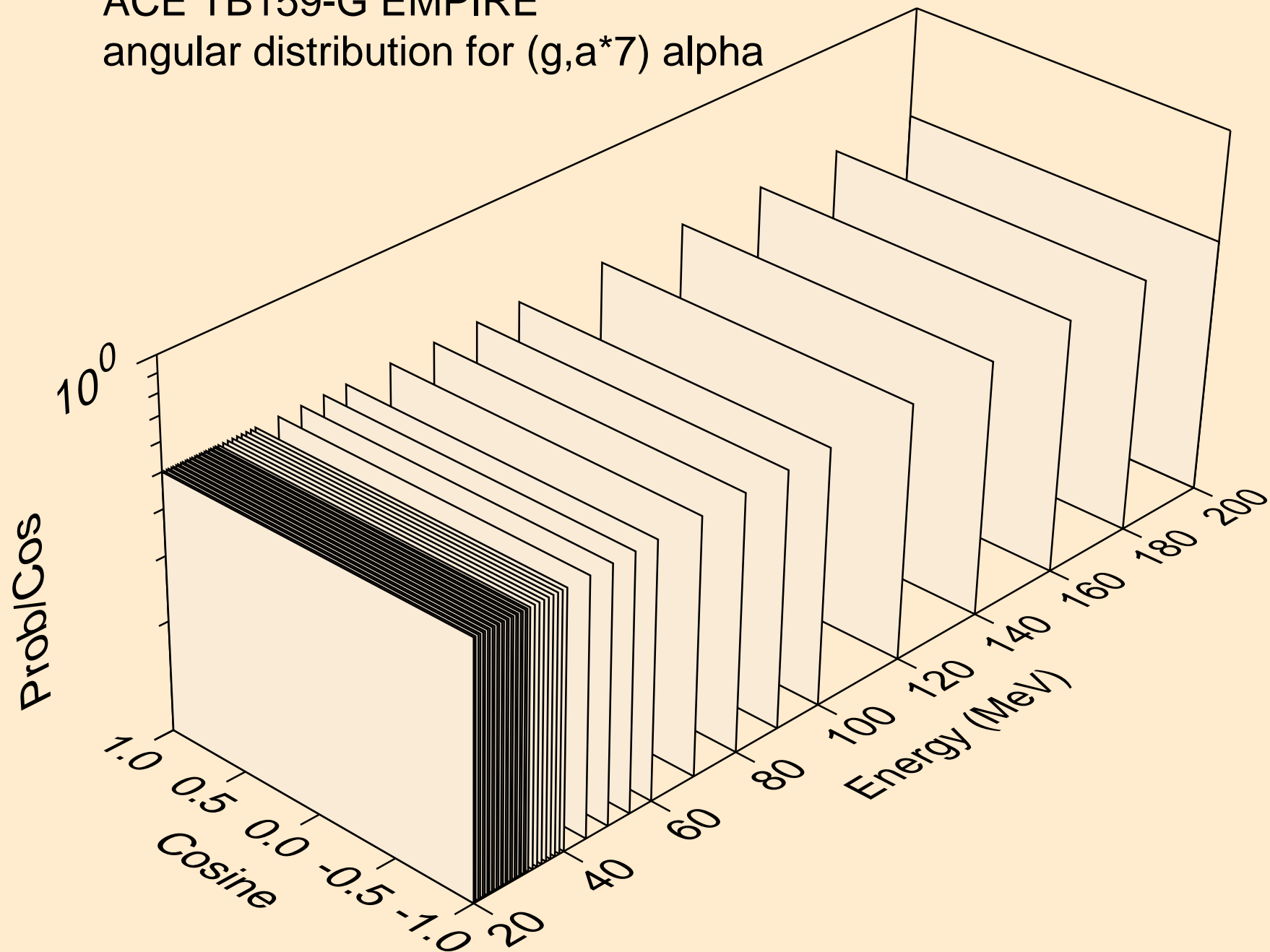
ACE TB159-G EMPIRE  
angular distribution for (g,a\*6) alpha



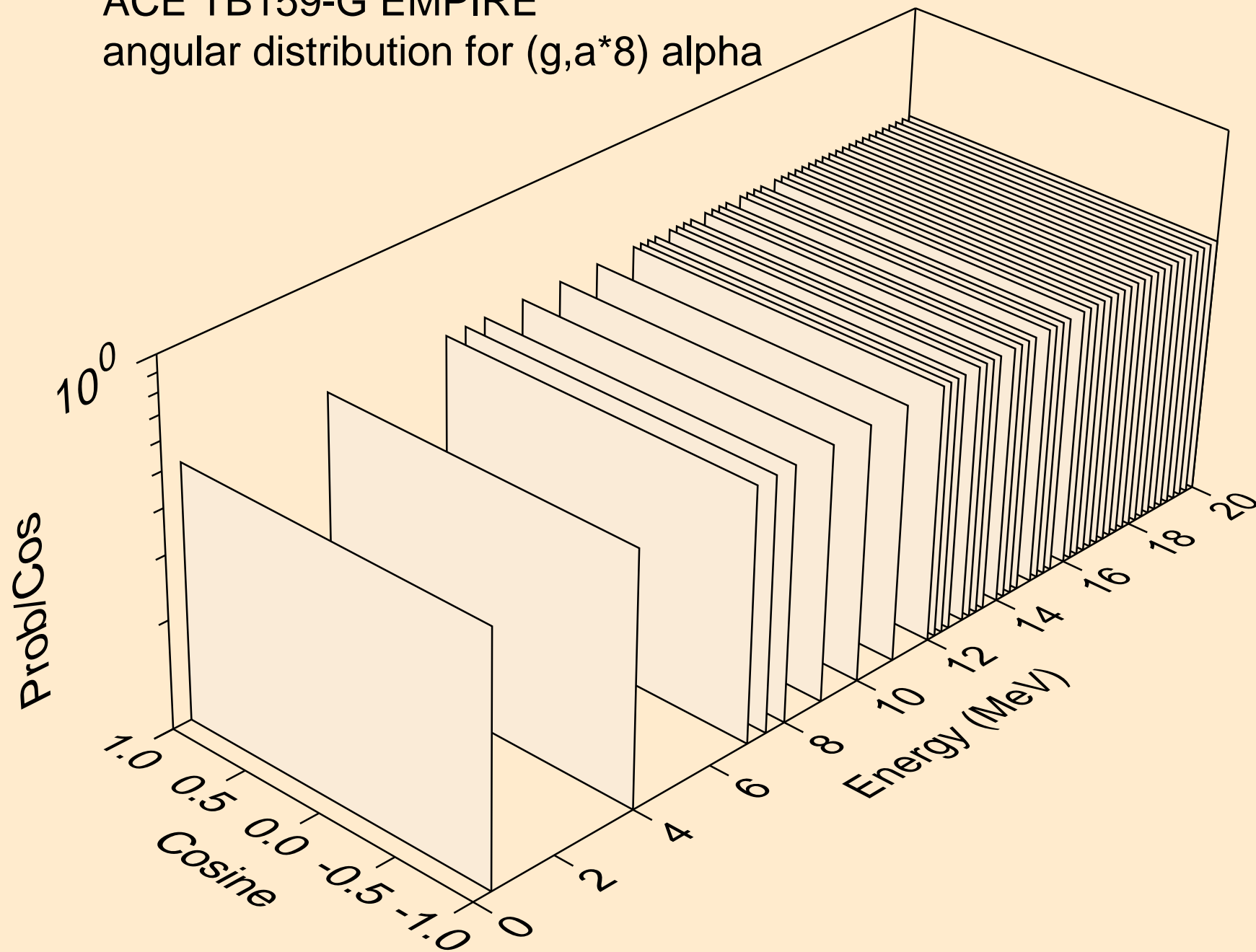
ACE TB159-G EMPIRE  
angular distribution for (g,a\*7) alpha



ACE TB159-G EMPIRE  
angular distribution for (g,a\*7) alpha

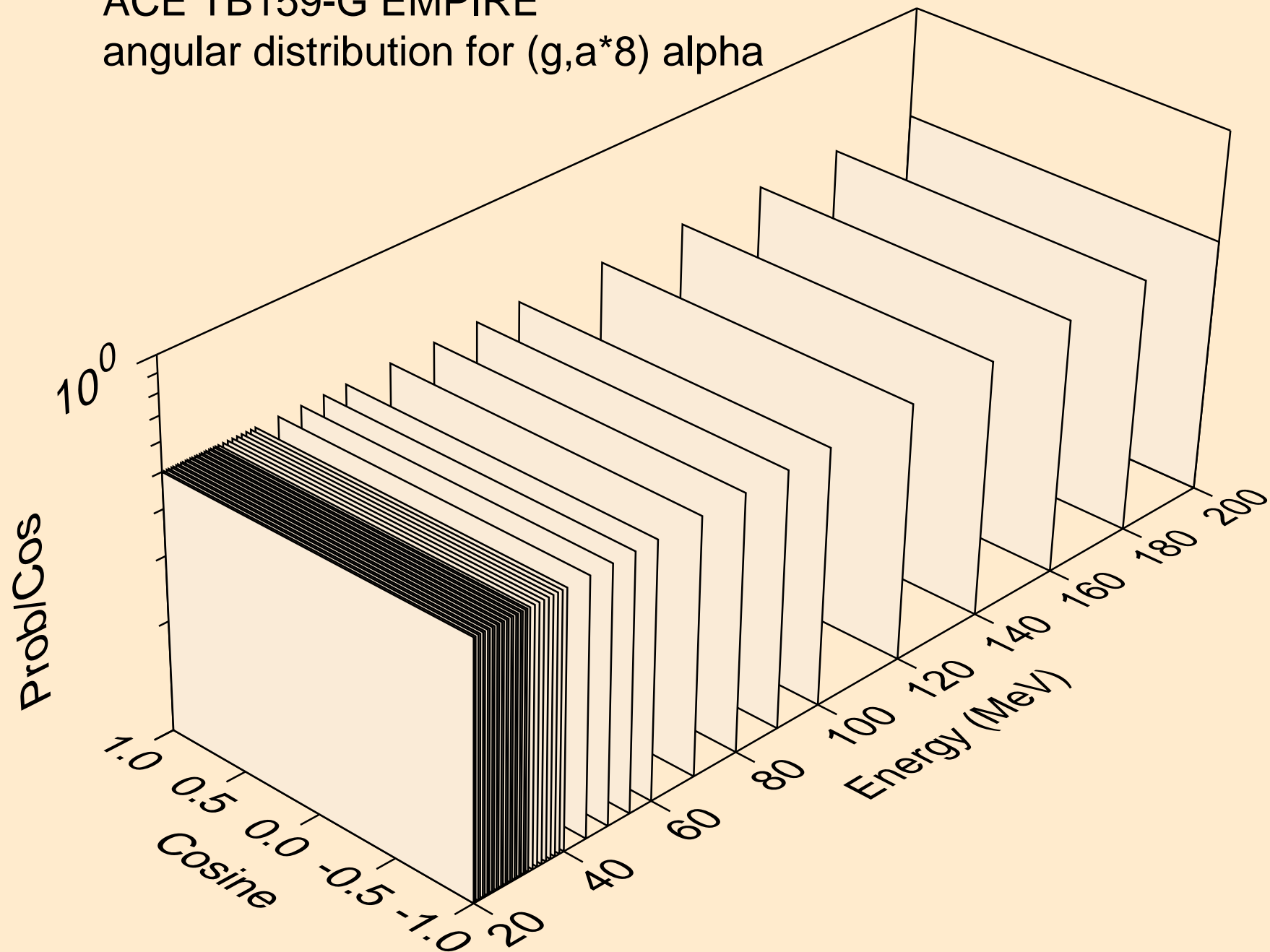


ACE TB159-G EMPIRE  
angular distribution for (g,a\*8) alpha

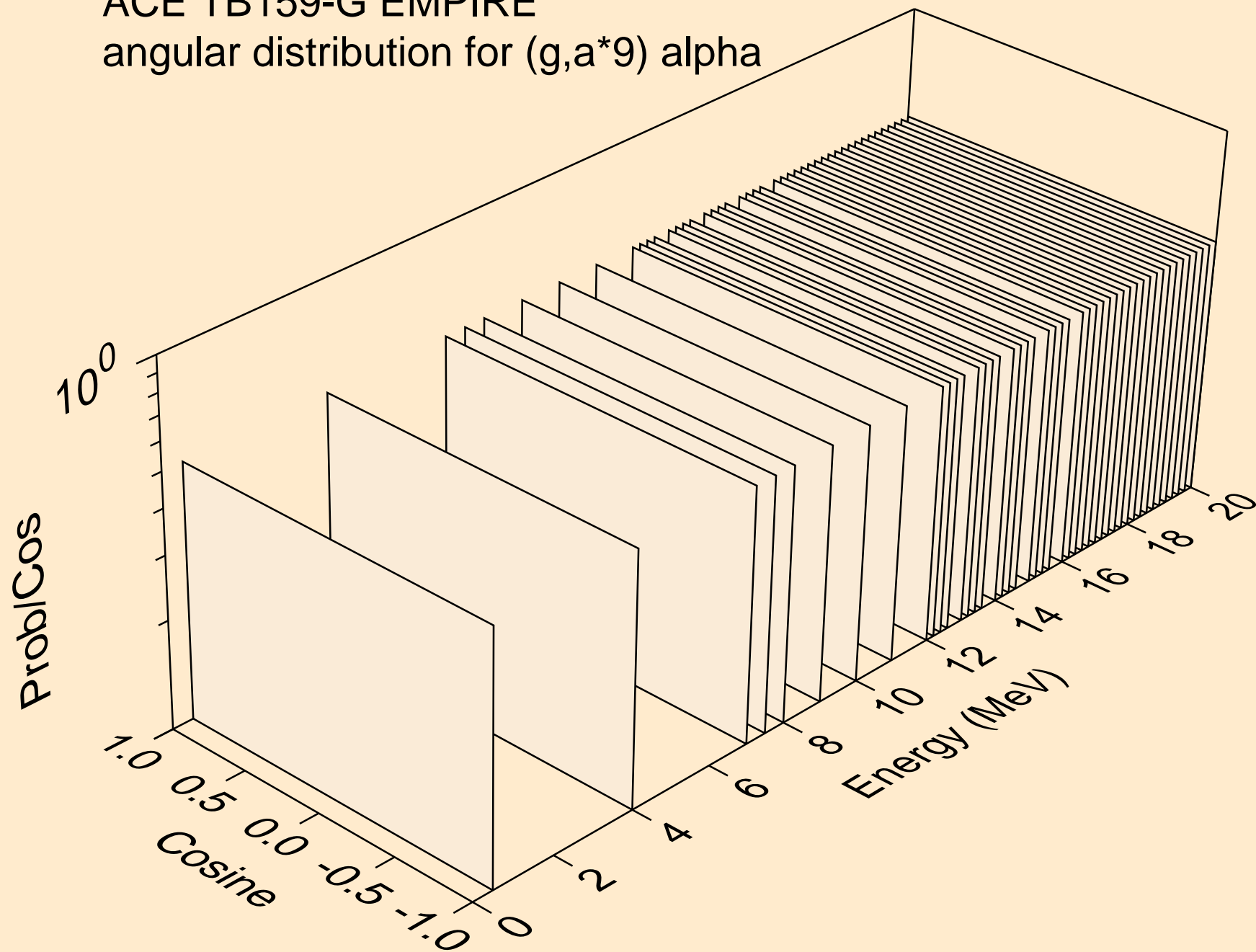




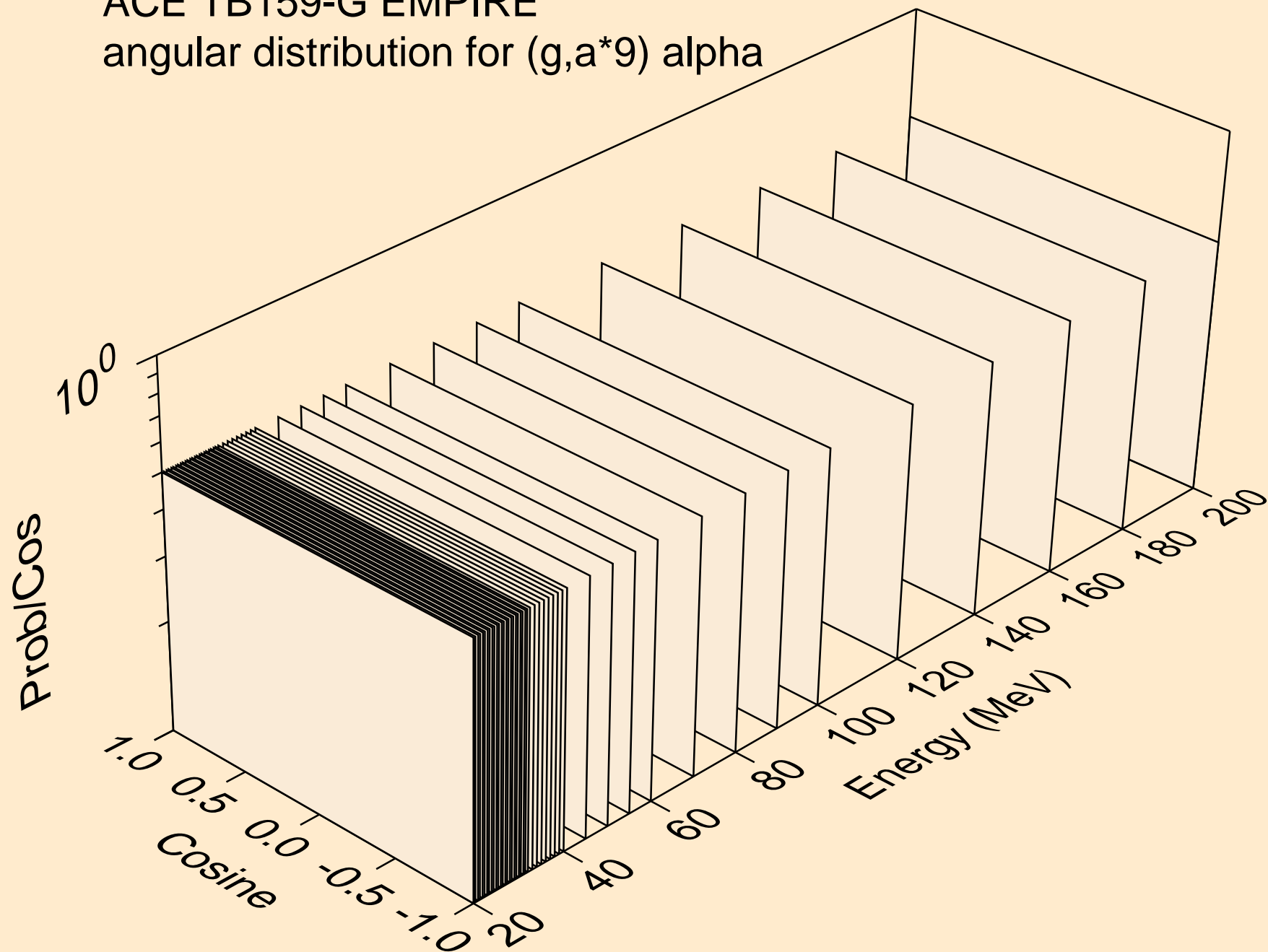
ACE TB159-G EMPIRE  
angular distribution for (g,a\*8) alpha



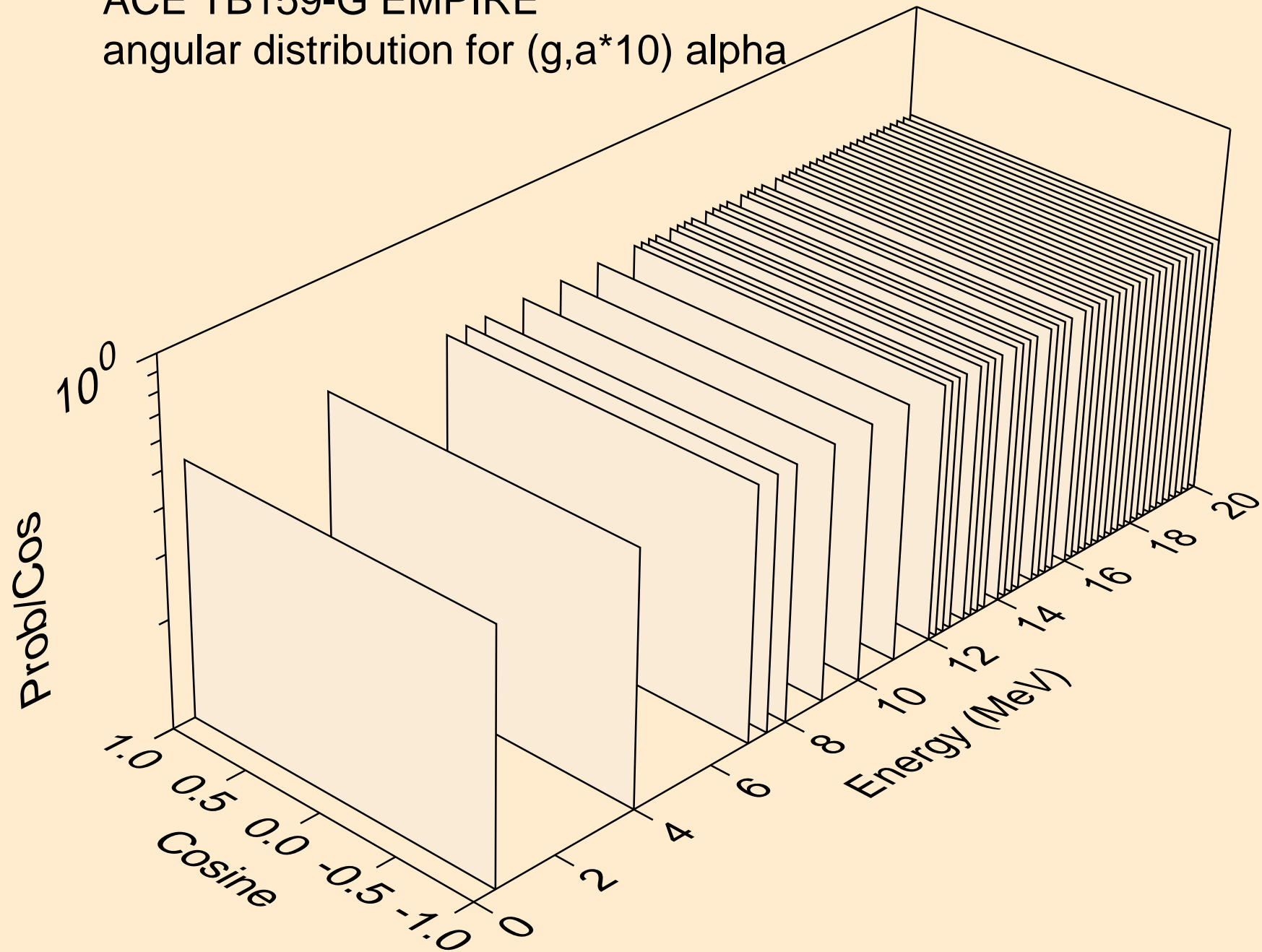
ACE TB159-G EMPIRE  
angular distribution for (g,a\*9) alpha



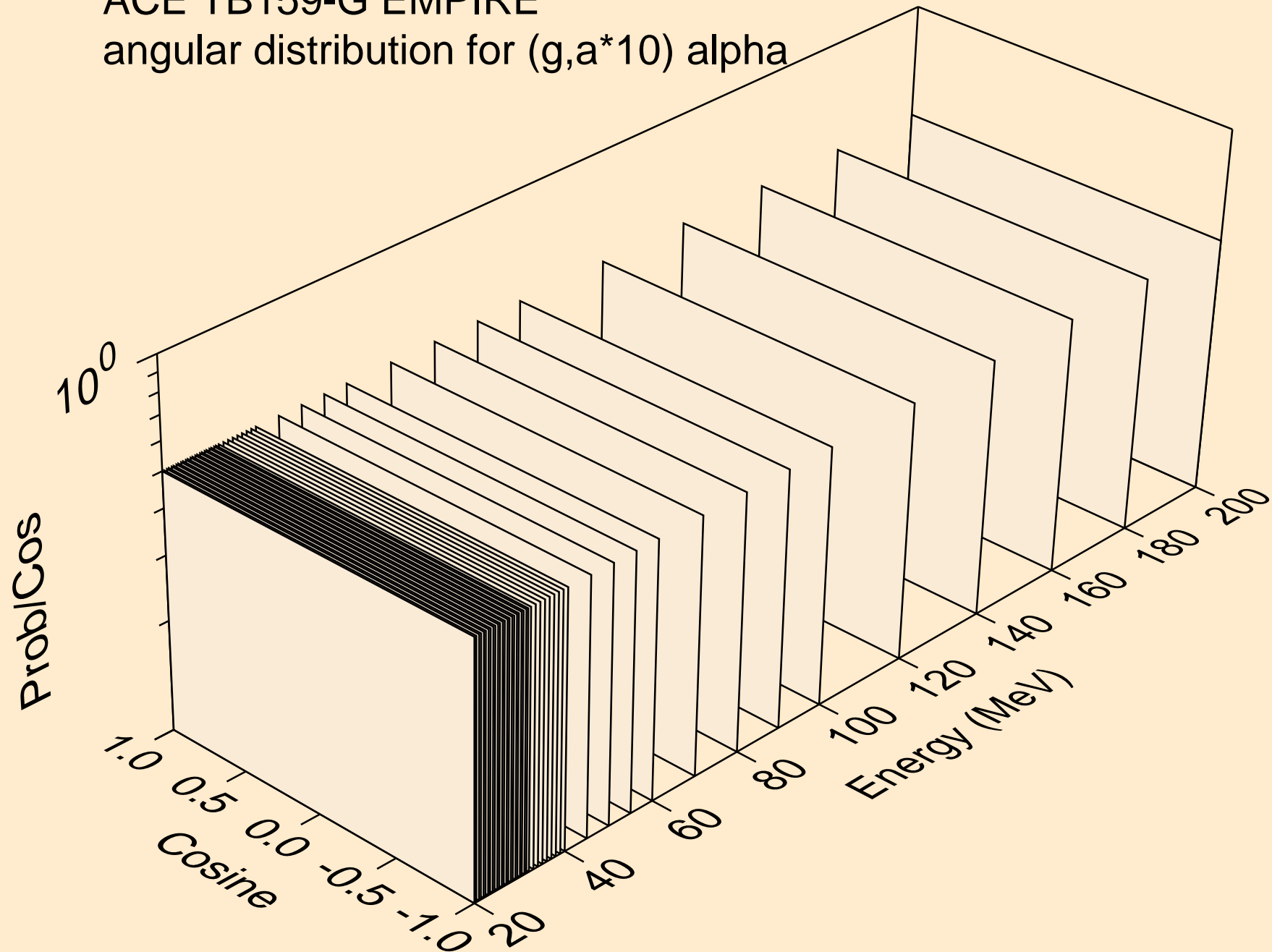
ACE TB159-G EMPIRE  
angular distribution for (g,a\*9) alpha



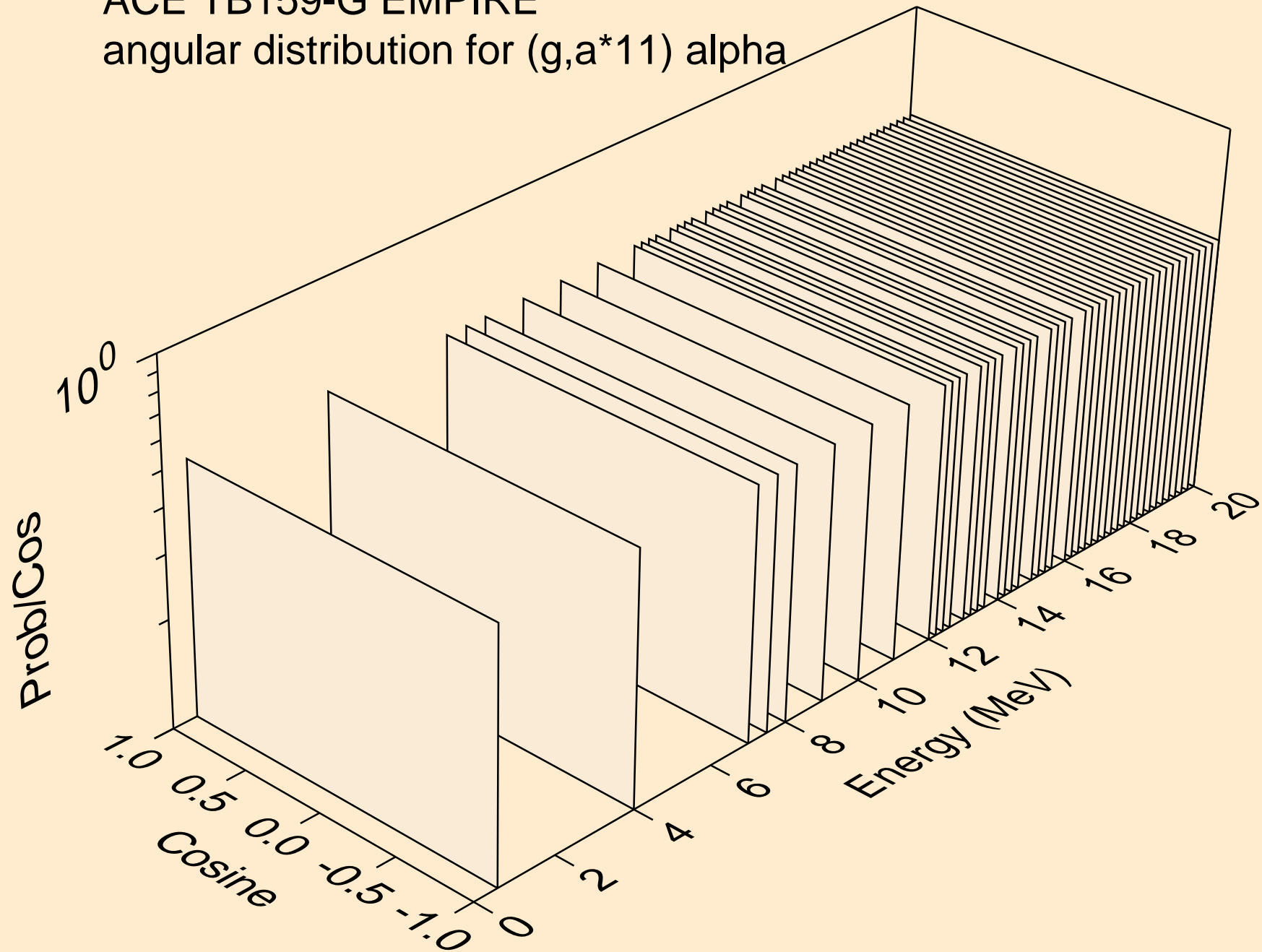
ACE TB159-G EMPIRE  
angular distribution for (g,a\*10) alpha



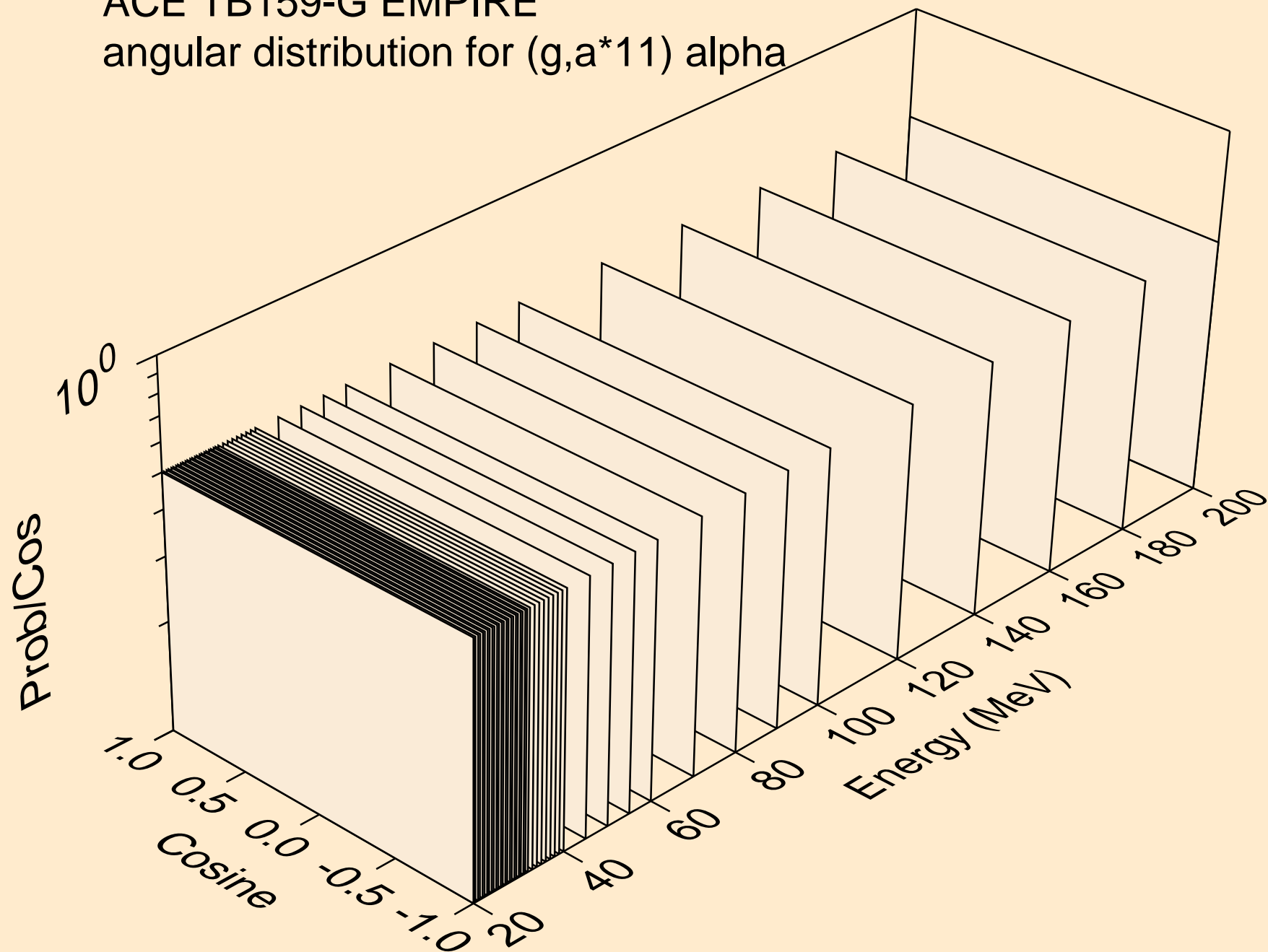
ACE TB159-G EMPIRE  
angular distribution for (g,a\*10) alpha



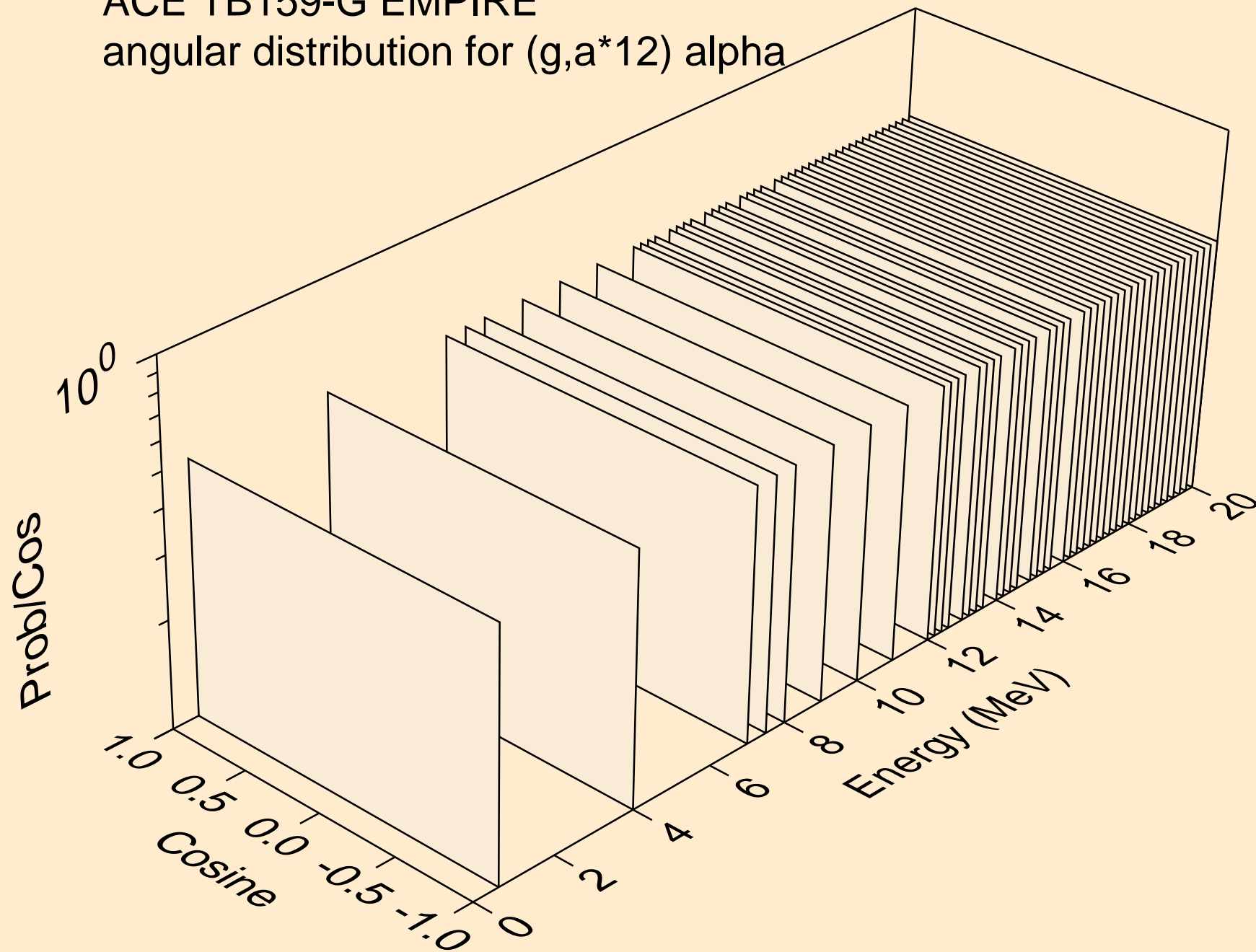
ACE TB159-G EMPIRE  
angular distribution for (g,a\*11) alpha



ACE TB159-G EMPIRE  
angular distribution for (g,a\*11) alpha

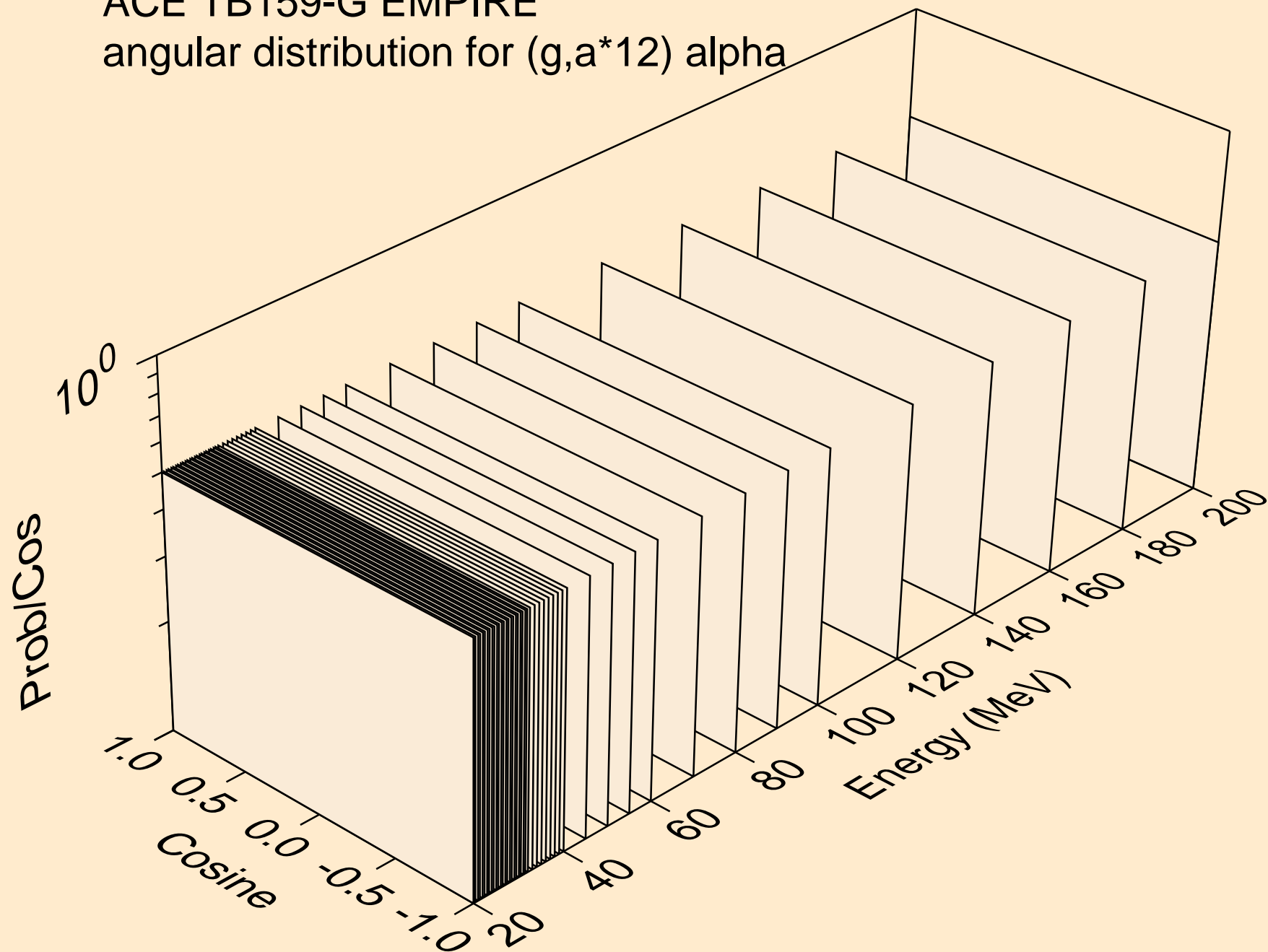


ACE TB159-G EMPIRE  
angular distribution for (g,a\*12) alpha

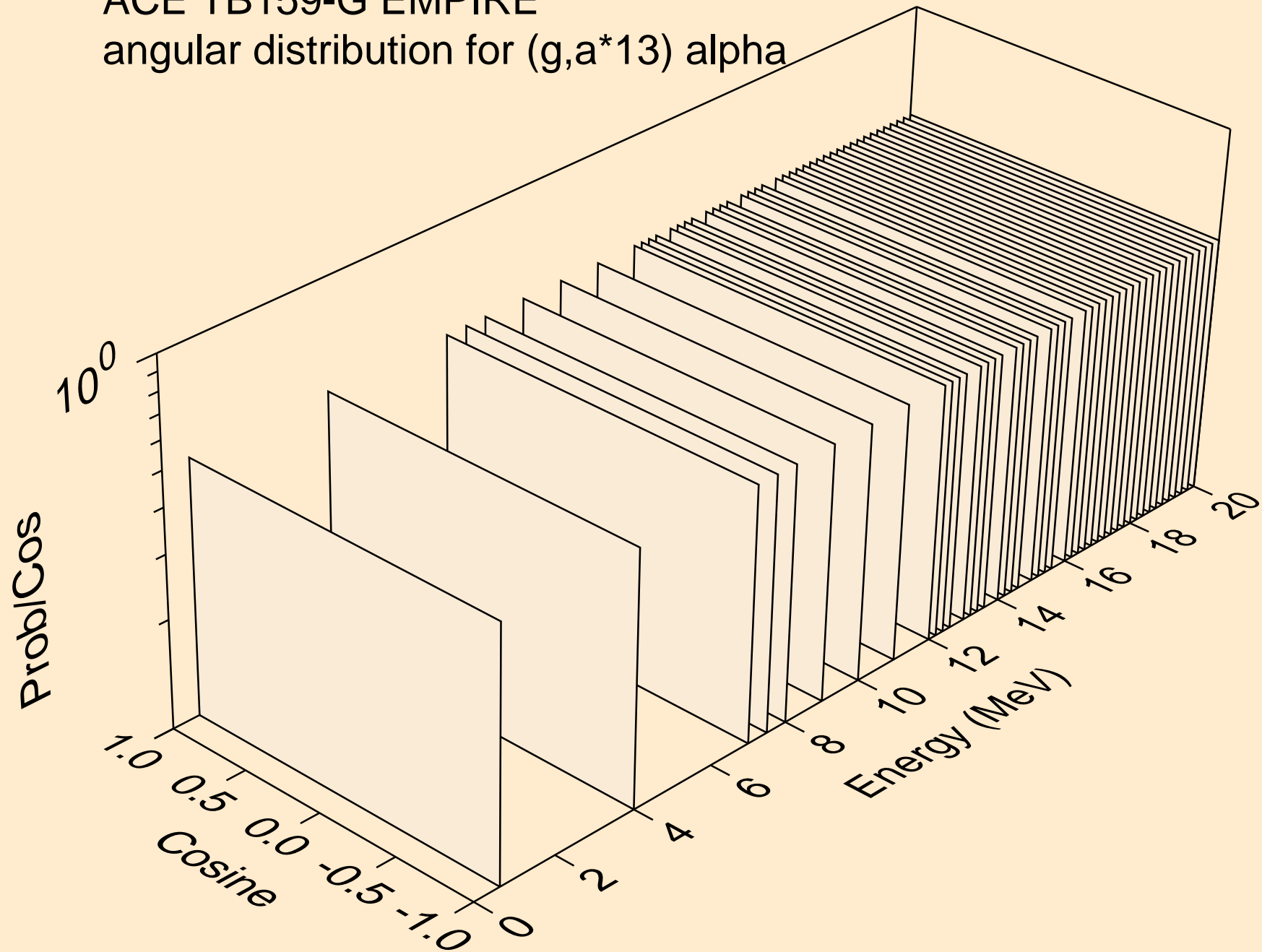




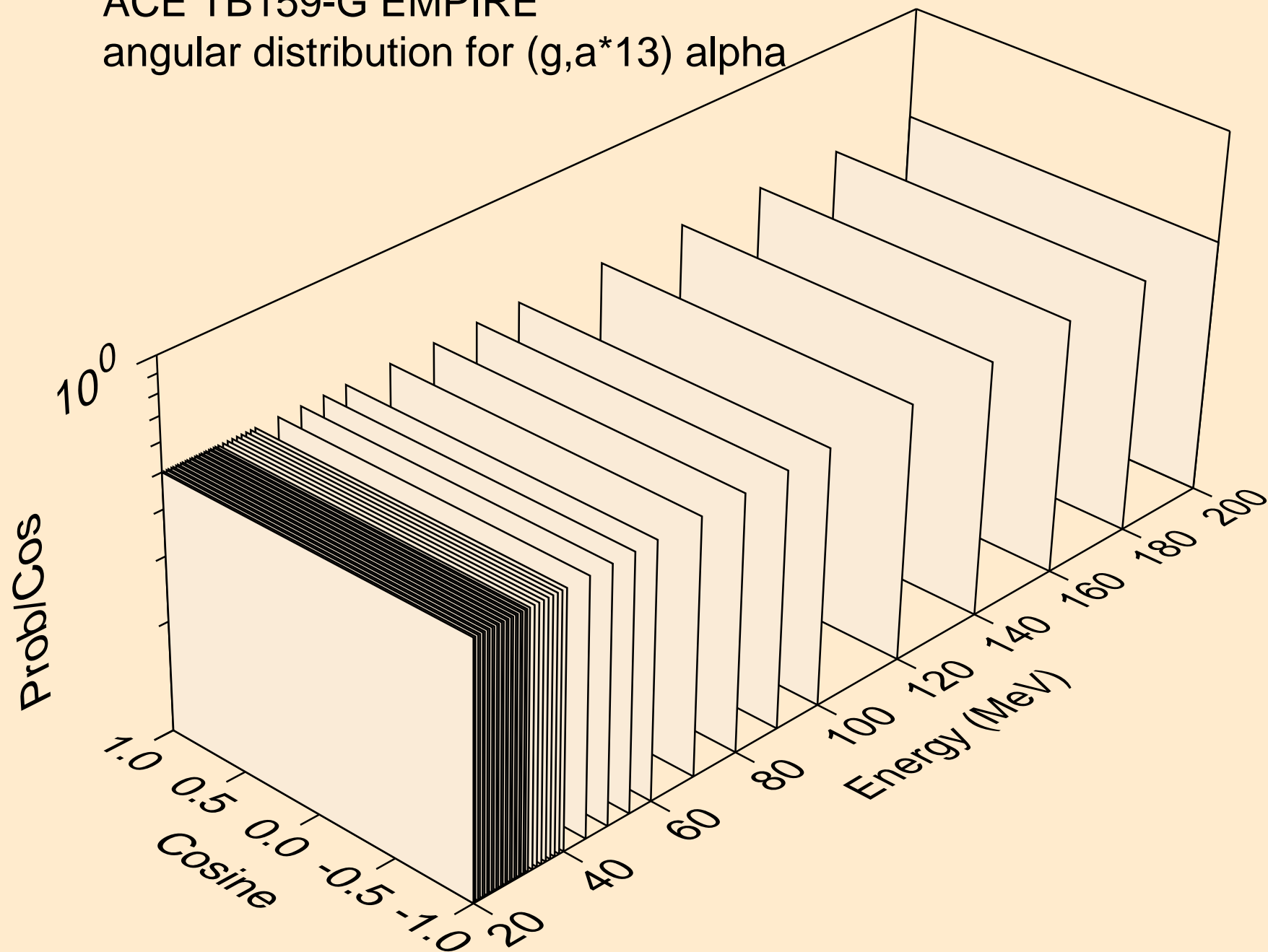
ACE TB159-G EMPIRE  
angular distribution for (g,a\*12) alpha



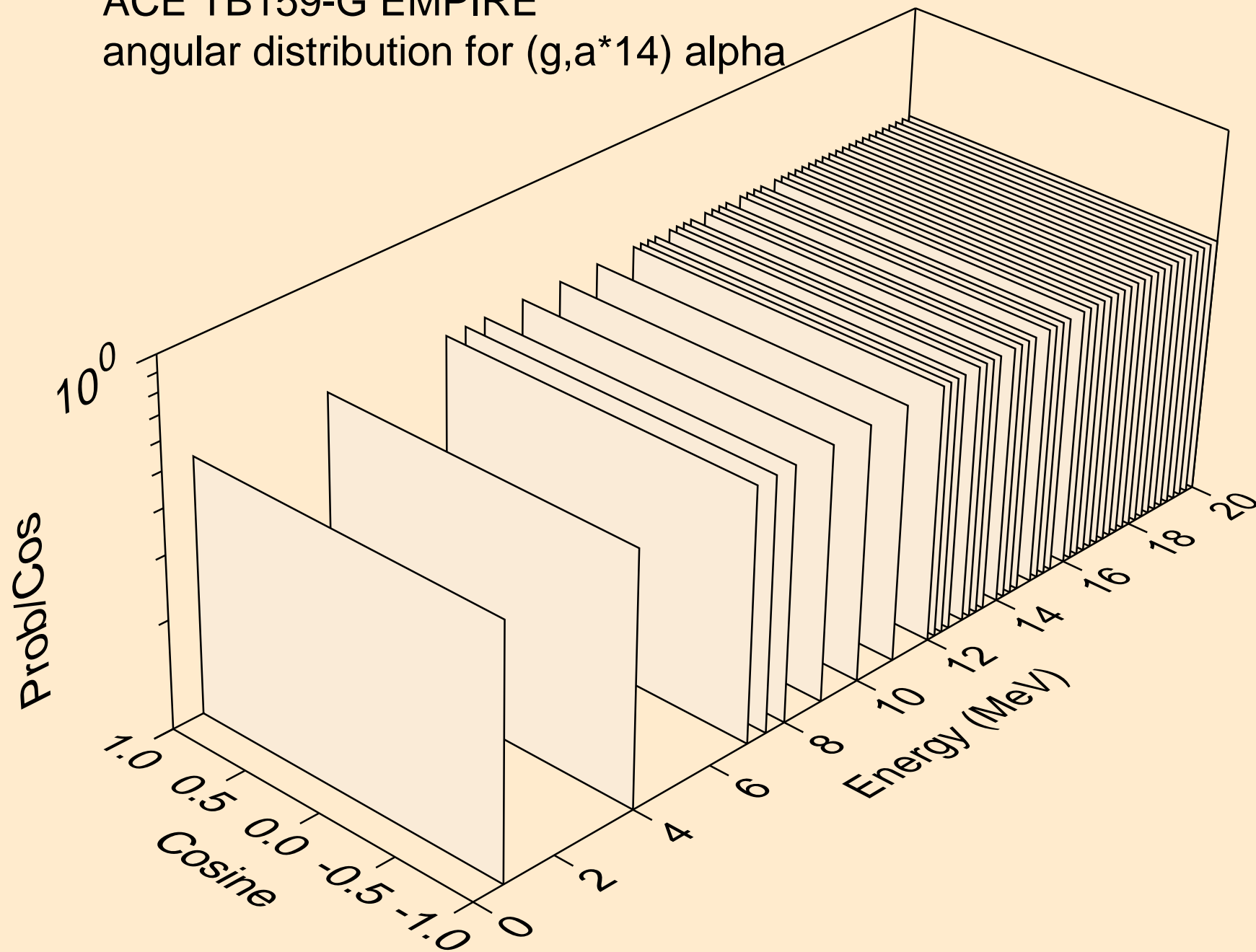
ACE TB159-G EMPIRE  
angular distribution for (g,a\*13) alpha



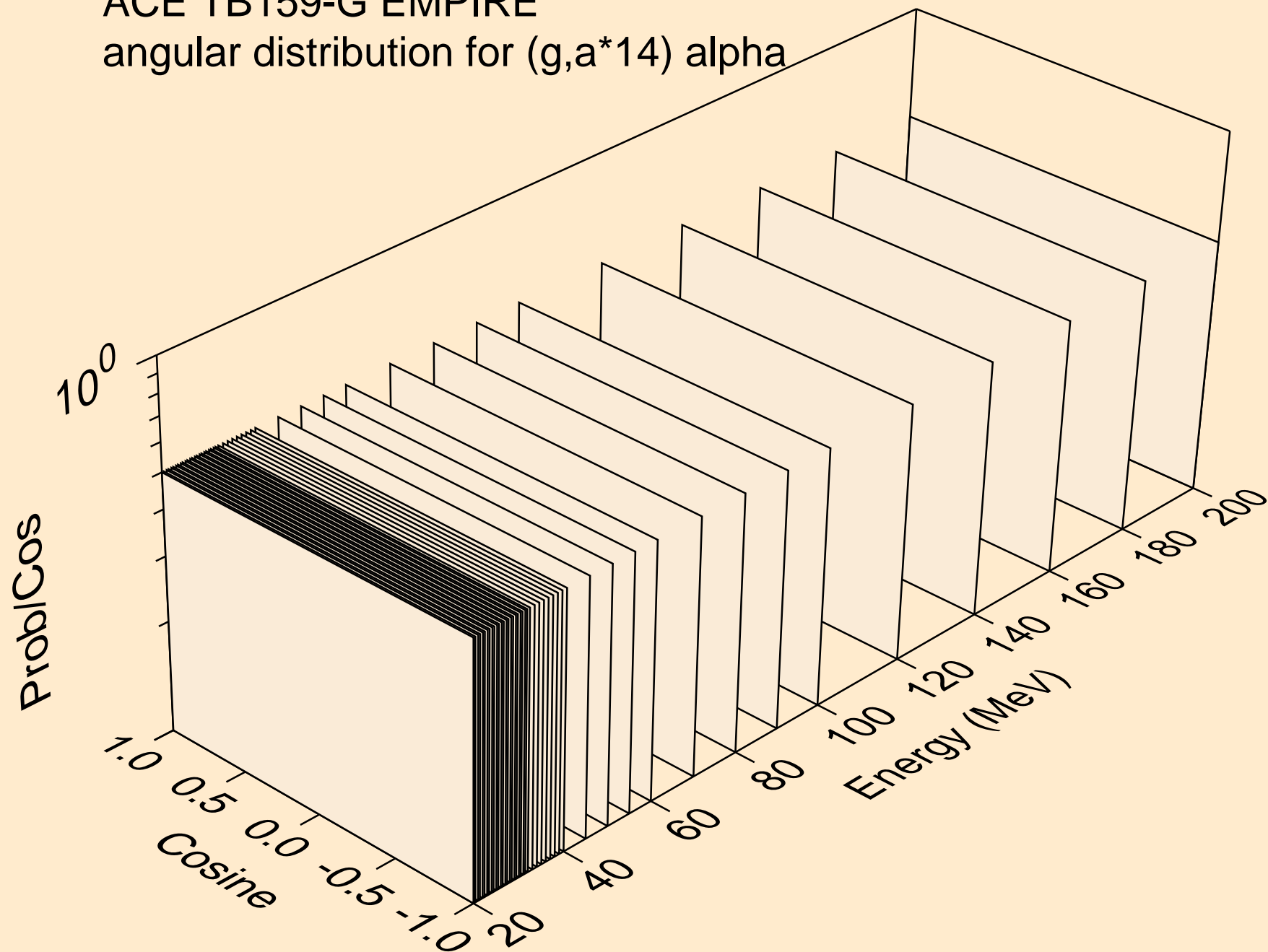
ACE TB159-G EMPIRE  
angular distribution for (g,a\*13) alpha



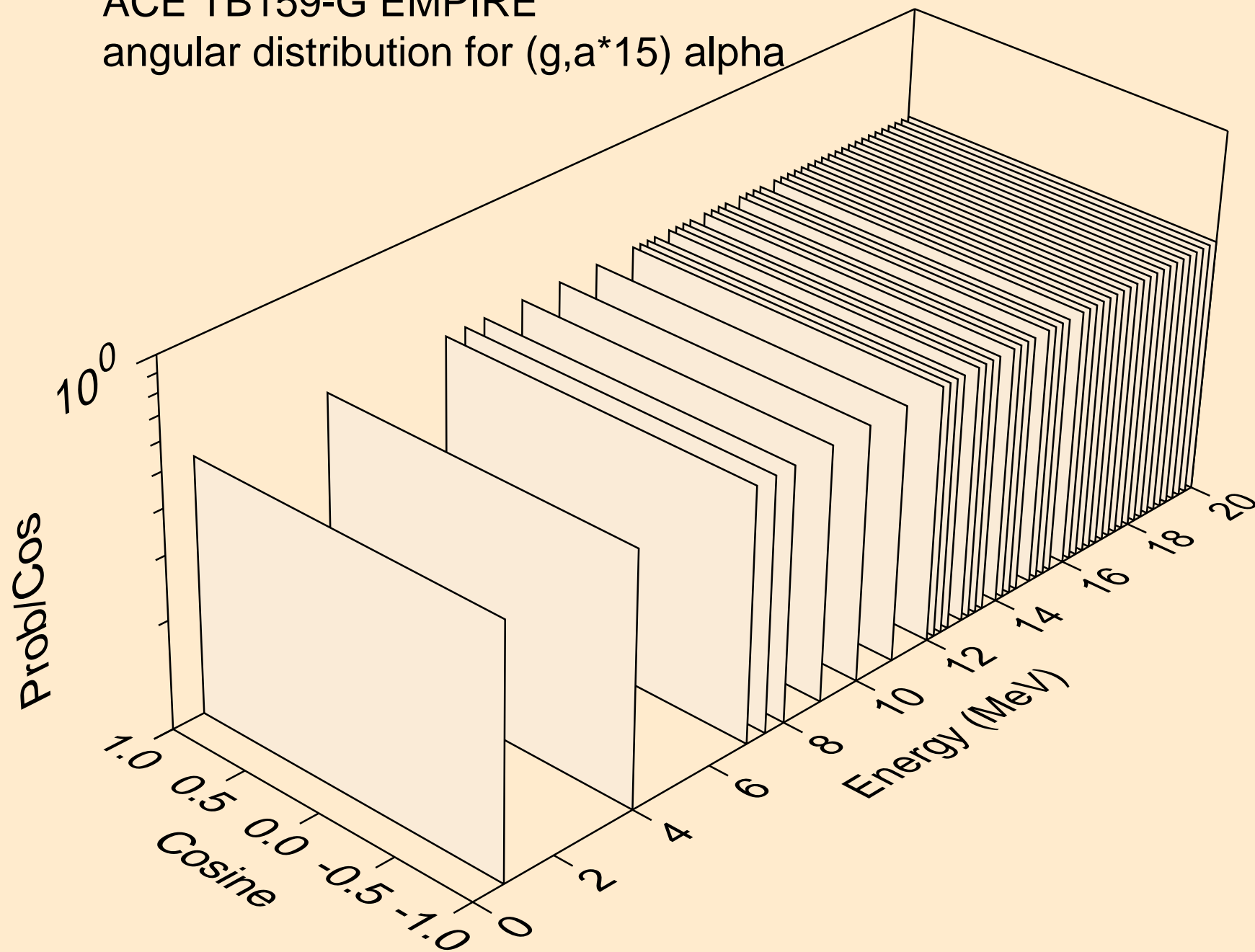
ACE TB159-G EMPIRE  
angular distribution for (g,a\*14) alpha



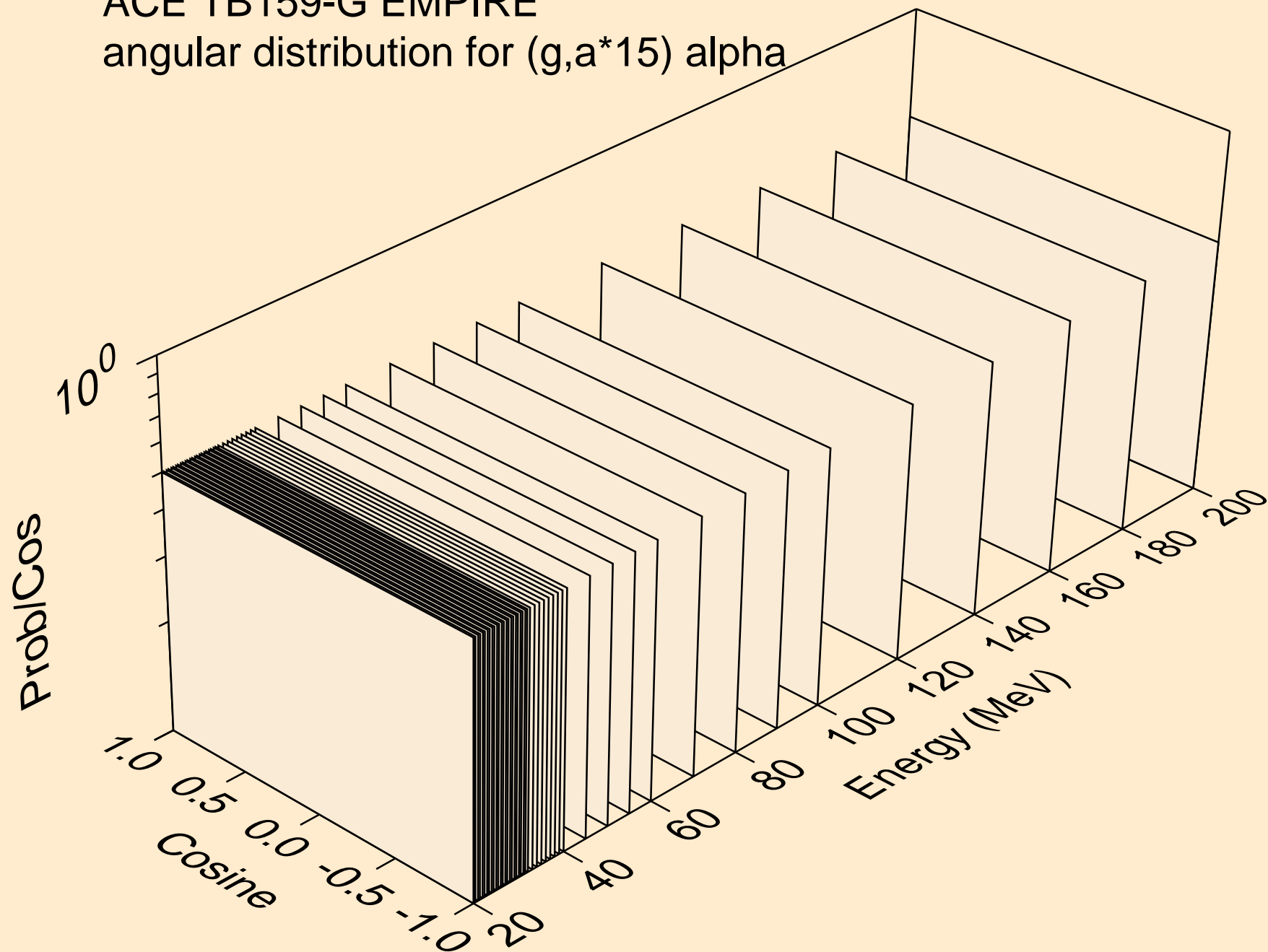
ACE TB159-G EMPIRE  
angular distribution for (g,a\*14) alpha



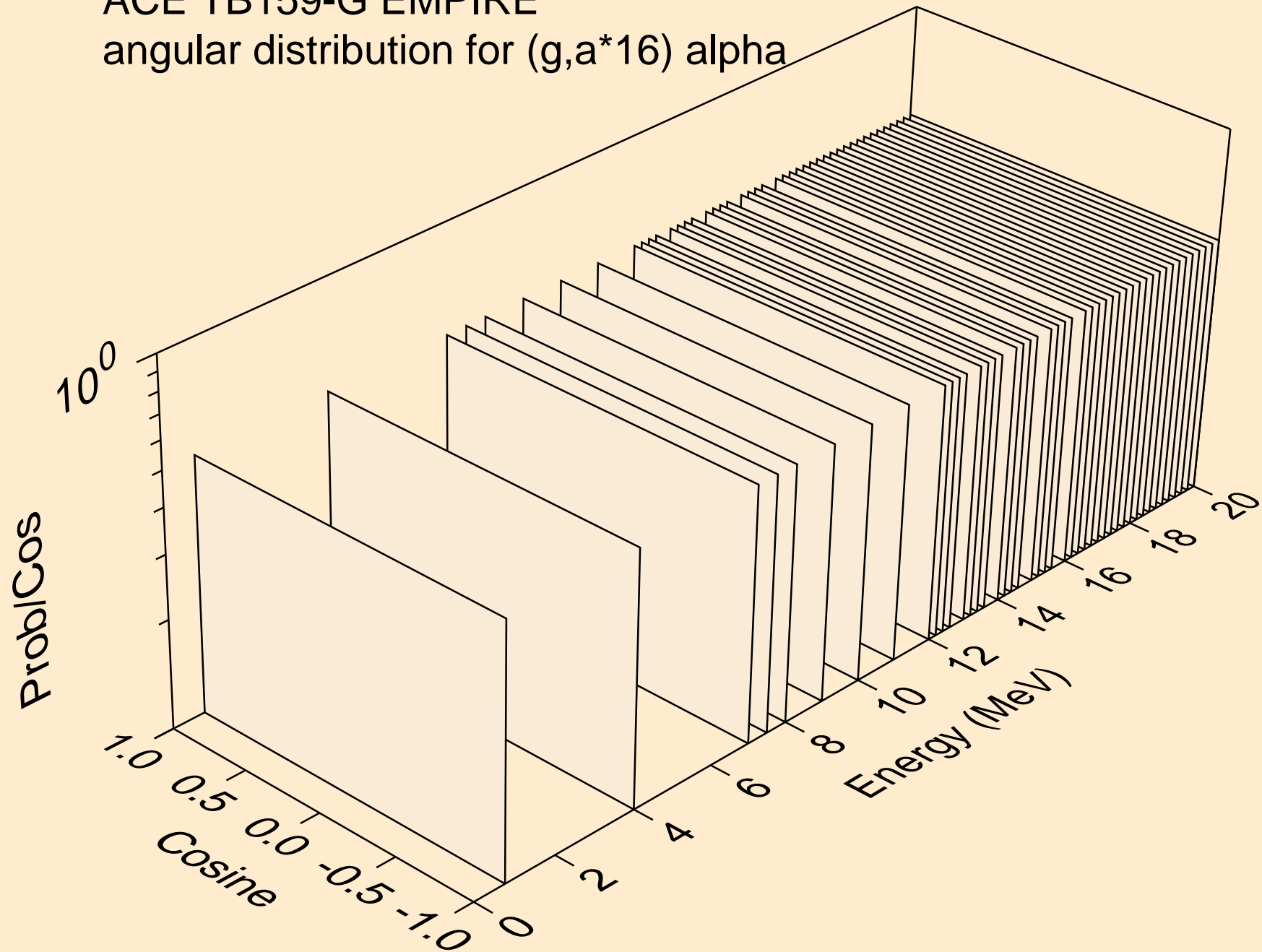
ACE TB159-G EMPIRE  
angular distribution for (g,a\*15) alpha



ACE TB159-G EMPIRE  
angular distribution for (g,a\*15) alpha

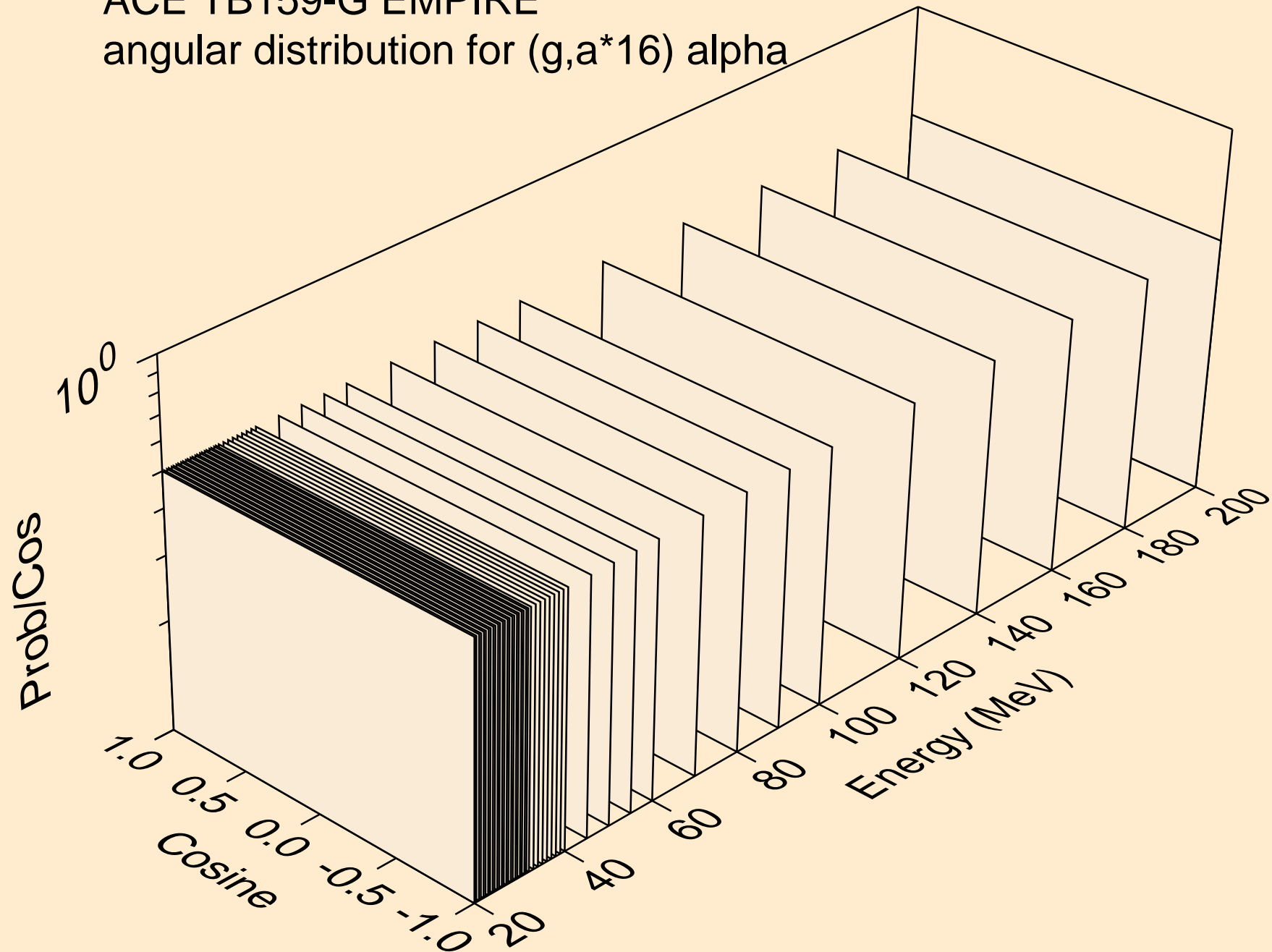


ACE TB159-G EMPIRE  
angular distribution for (g,a\*16) alpha

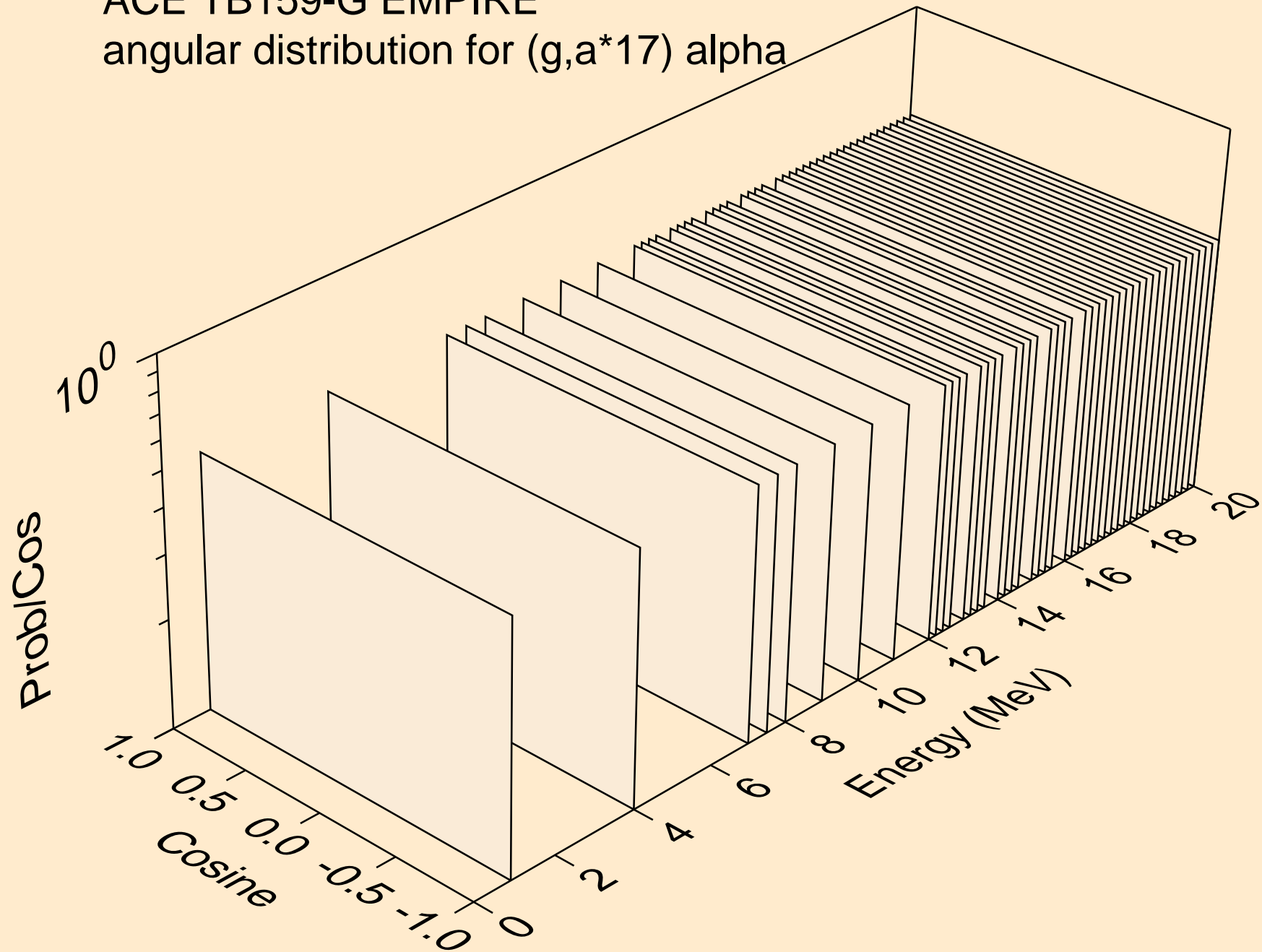




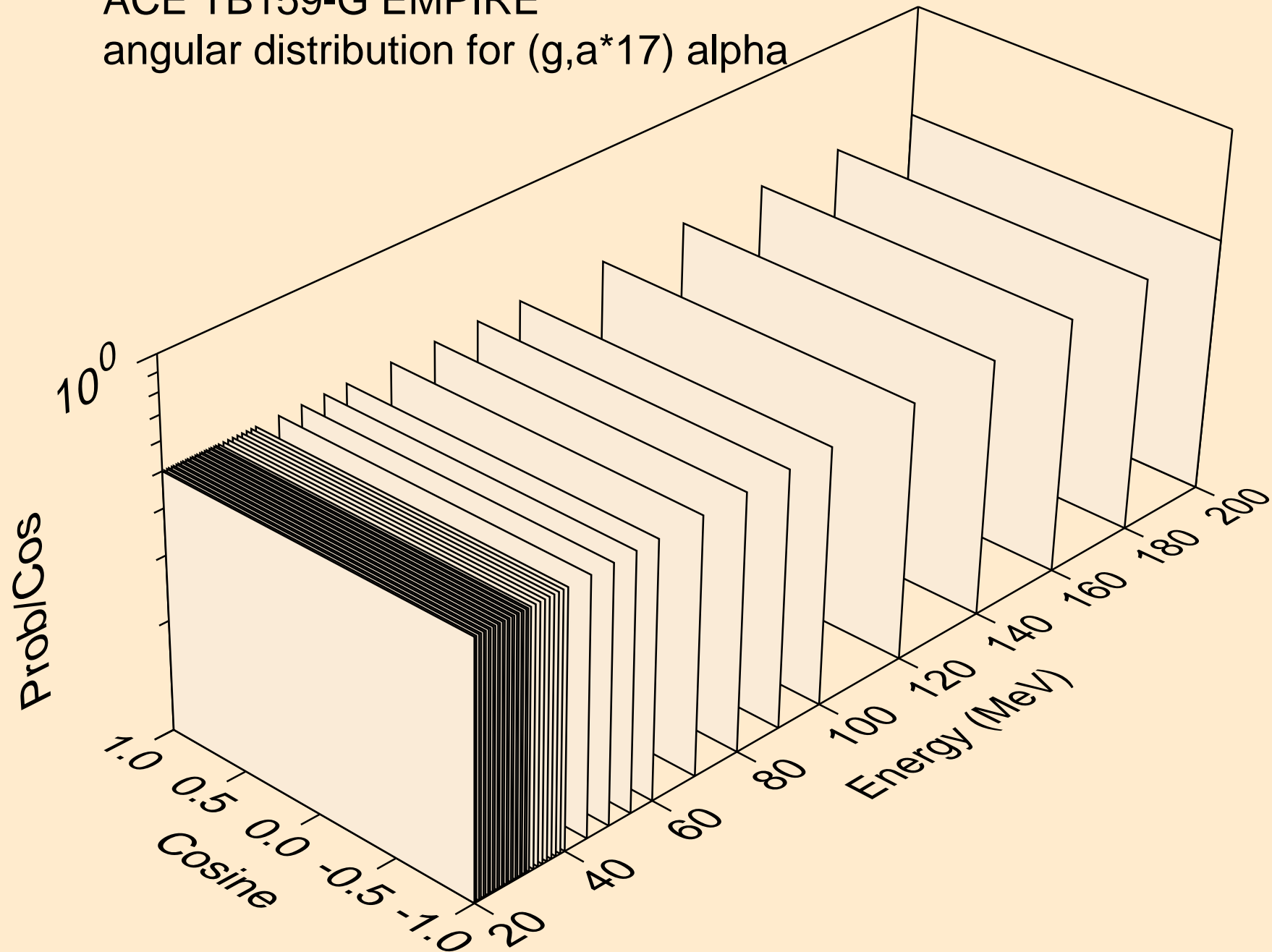
ACE TB159-G EMPIRE  
angular distribution for (g,a\*16) alpha



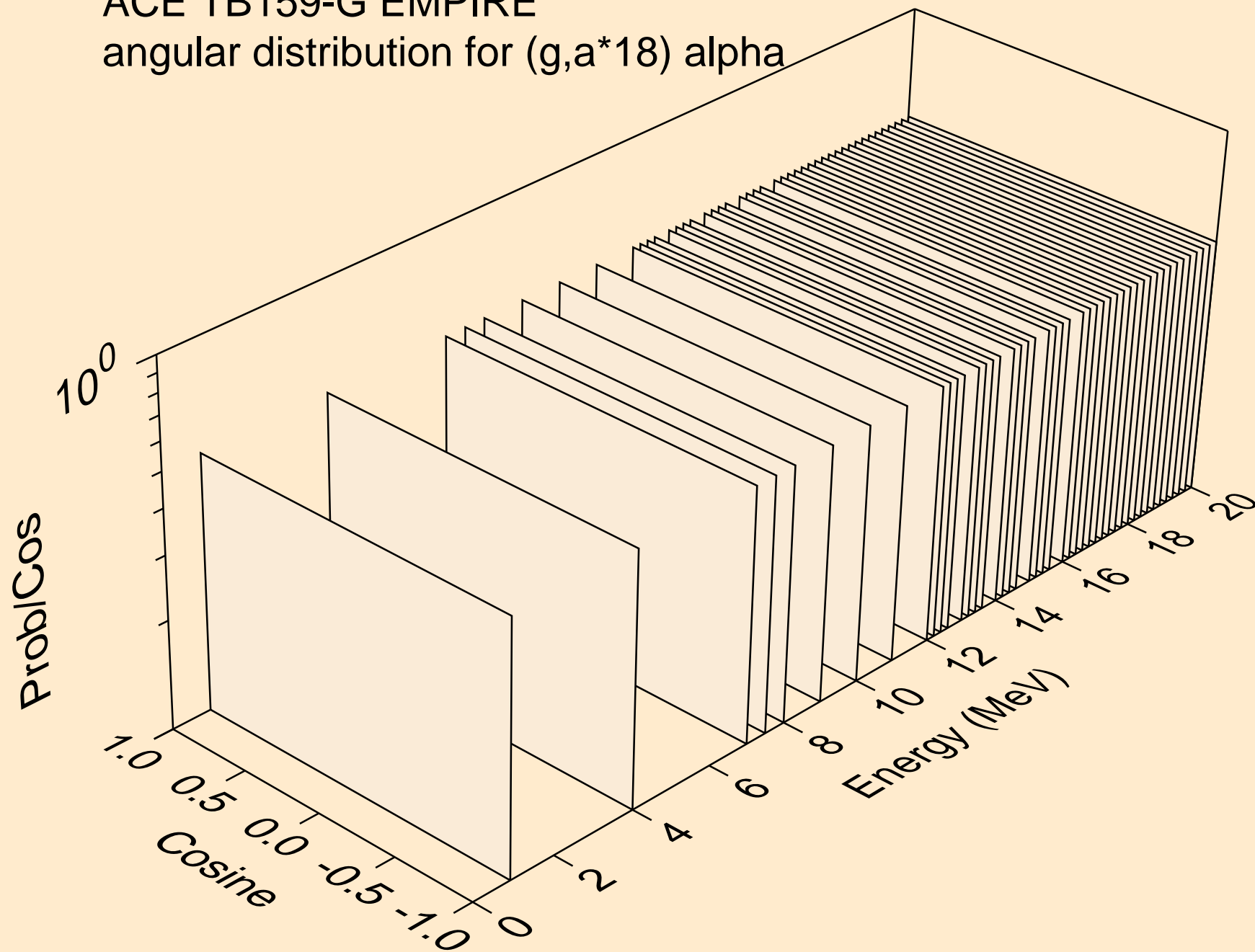
ACE TB159-G EMPIRE  
angular distribution for (g,a\*17) alpha



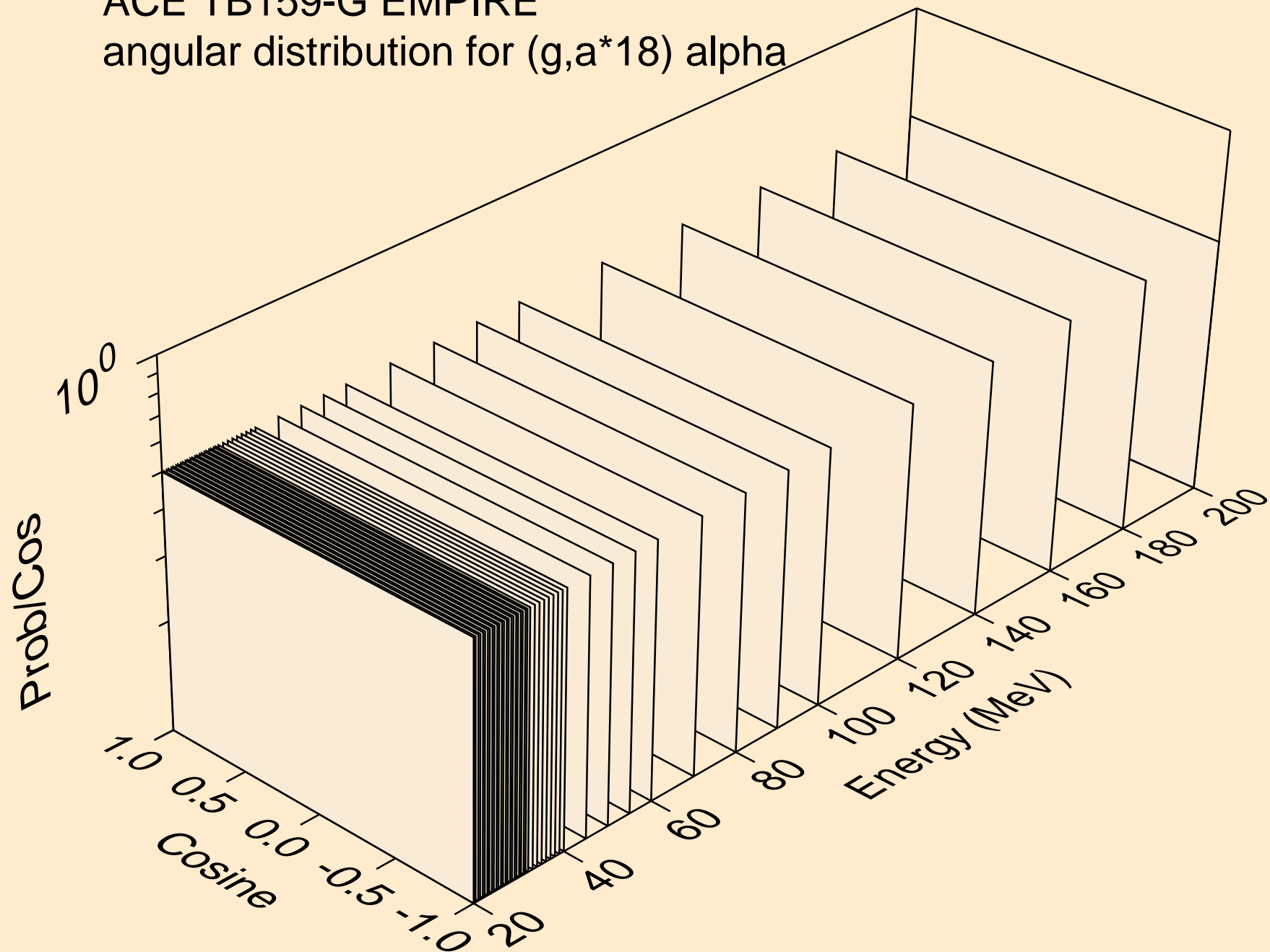
ACE TB159-G EMPIRE  
angular distribution for (g,a\*17) alpha



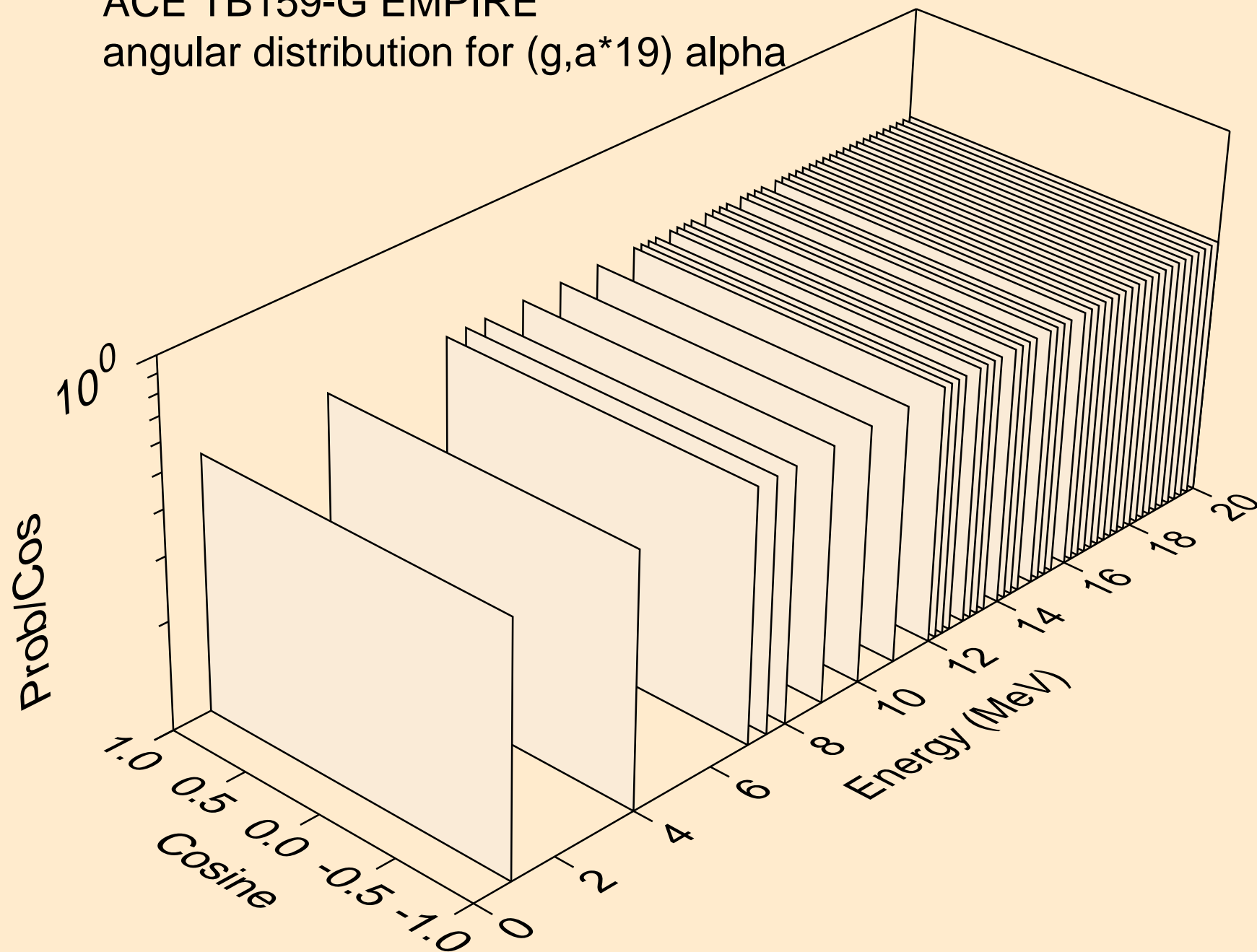
ACE TB159-G EMPIRE  
angular distribution for (g,a\*18) alpha



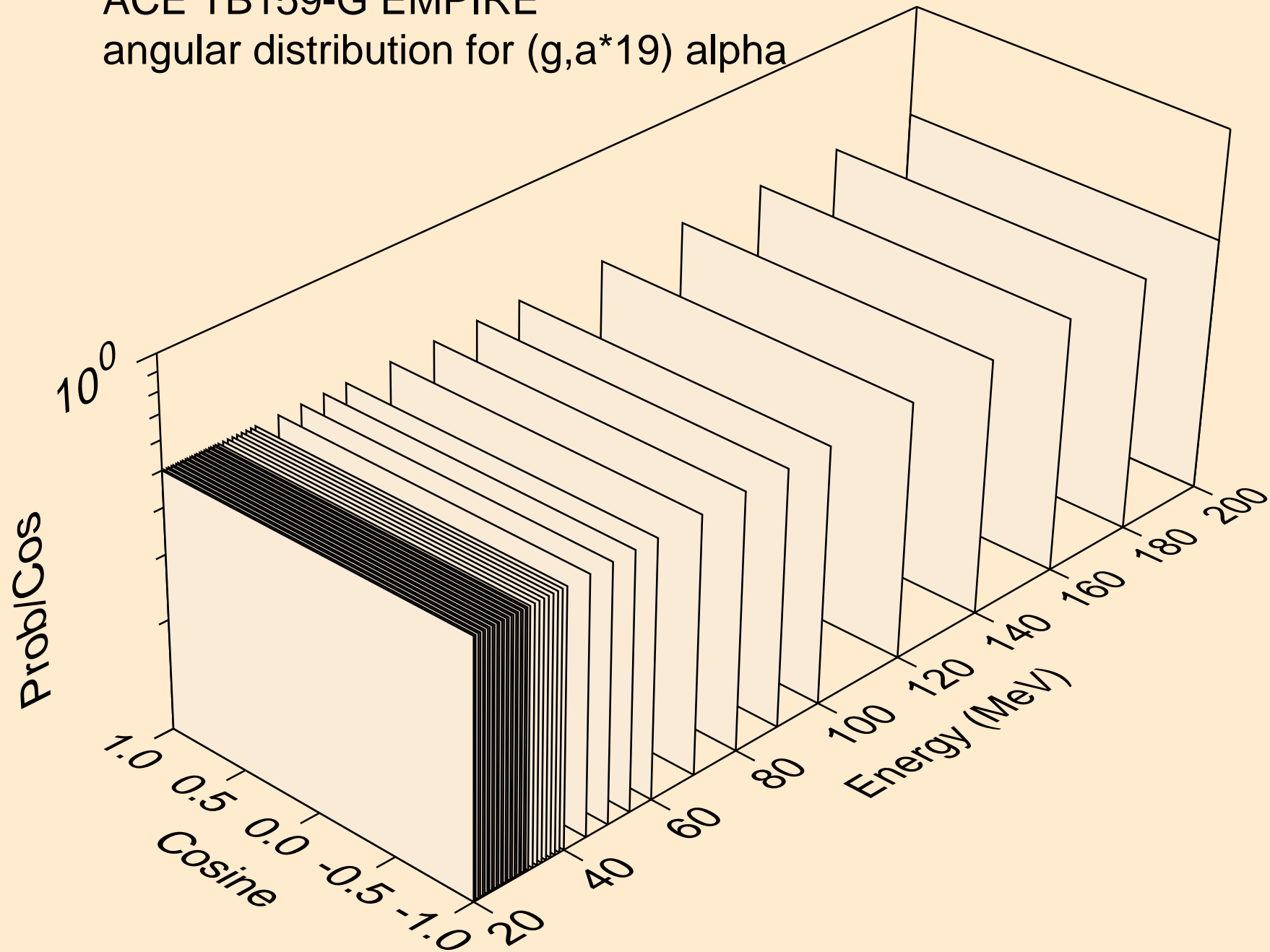
ACE TB159-G EMPIRE  
angular distribution for (g,a\*18) alpha



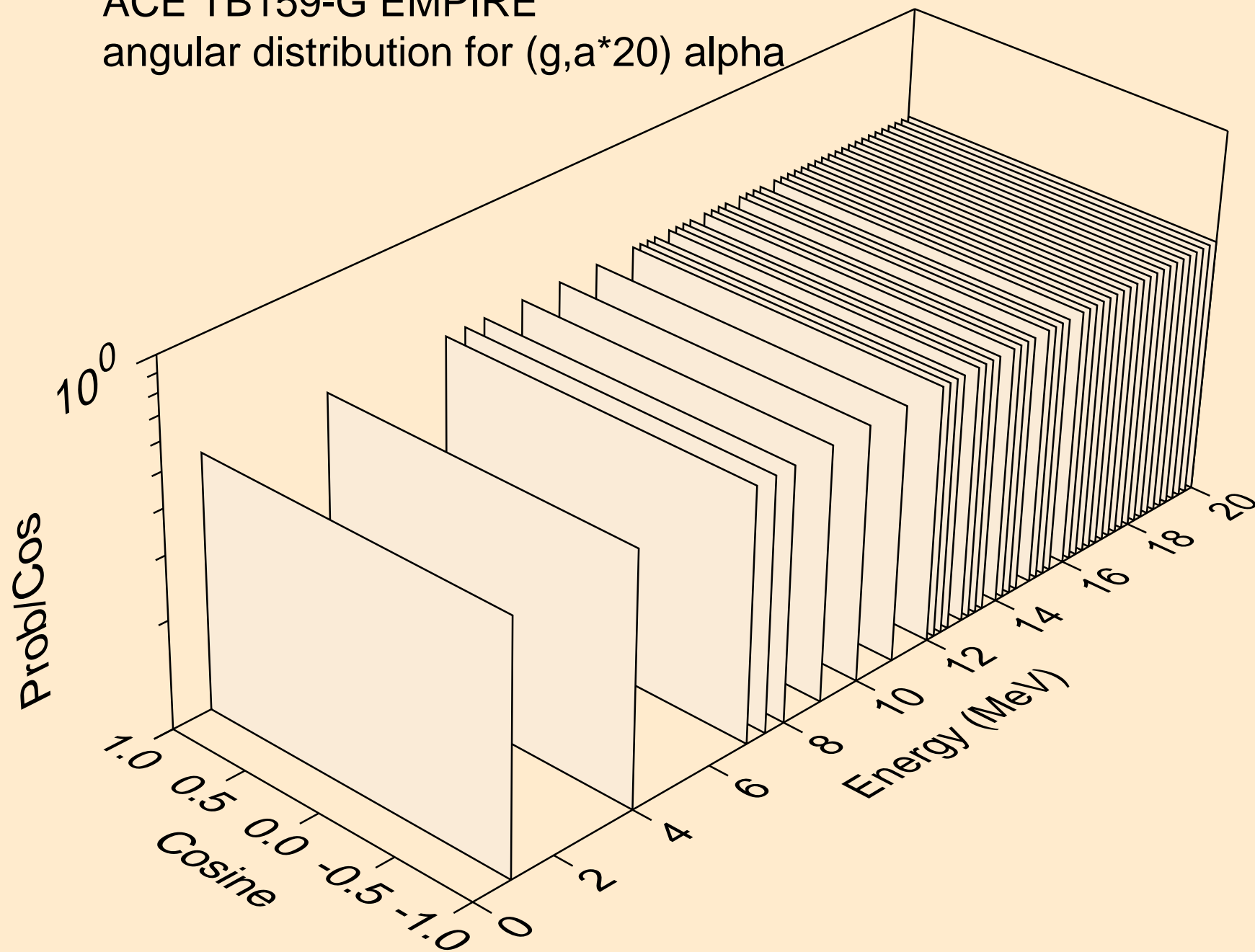
ACE TB159-G EMPIRE  
angular distribution for (g,a\*19) alpha



ACE TB159-G EMPIRE  
angular distribution for (g,a\*19) alpha

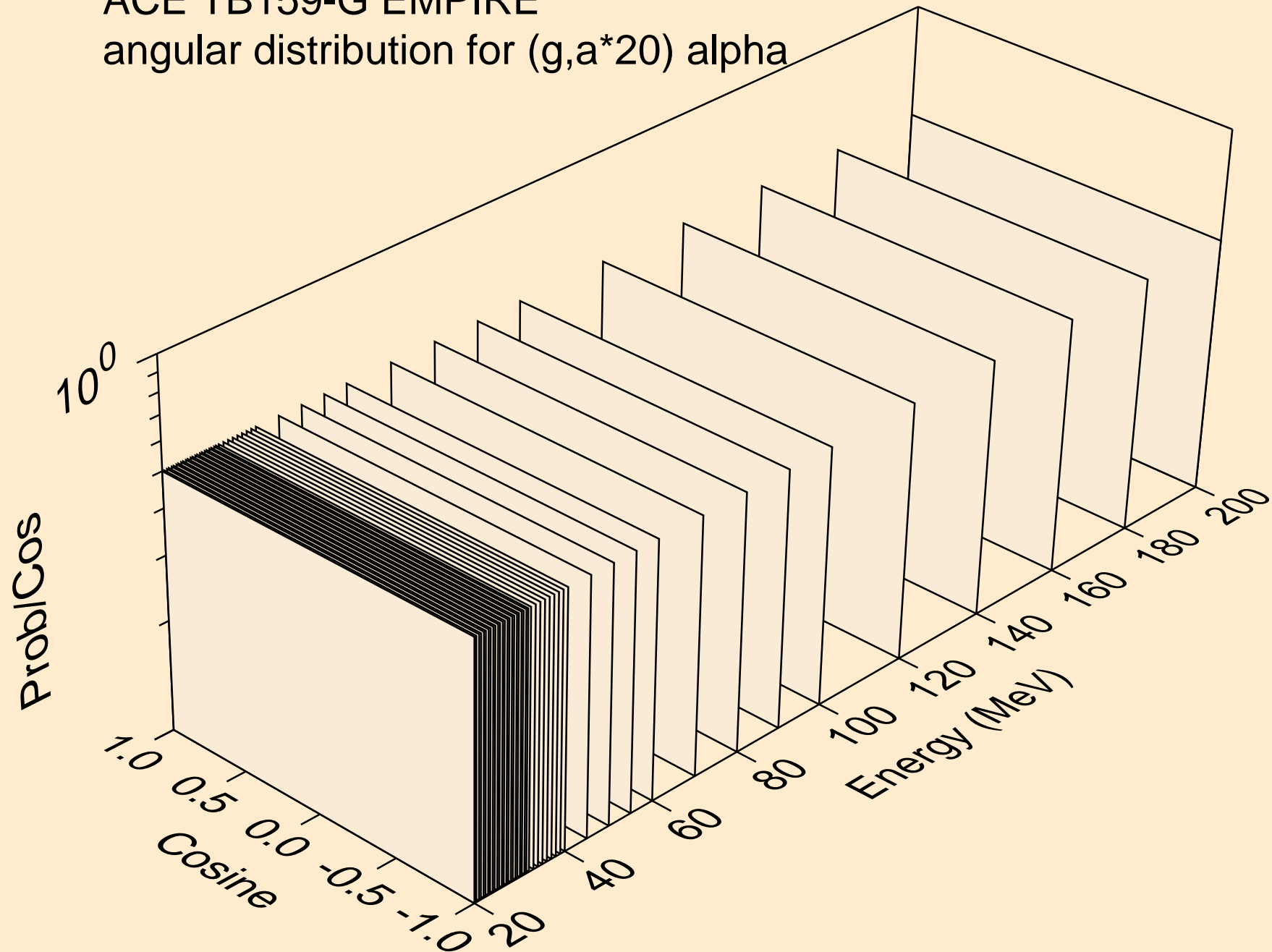


ACE TB159-G EMPIRE  
angular distribution for (g,a\*20) alpha

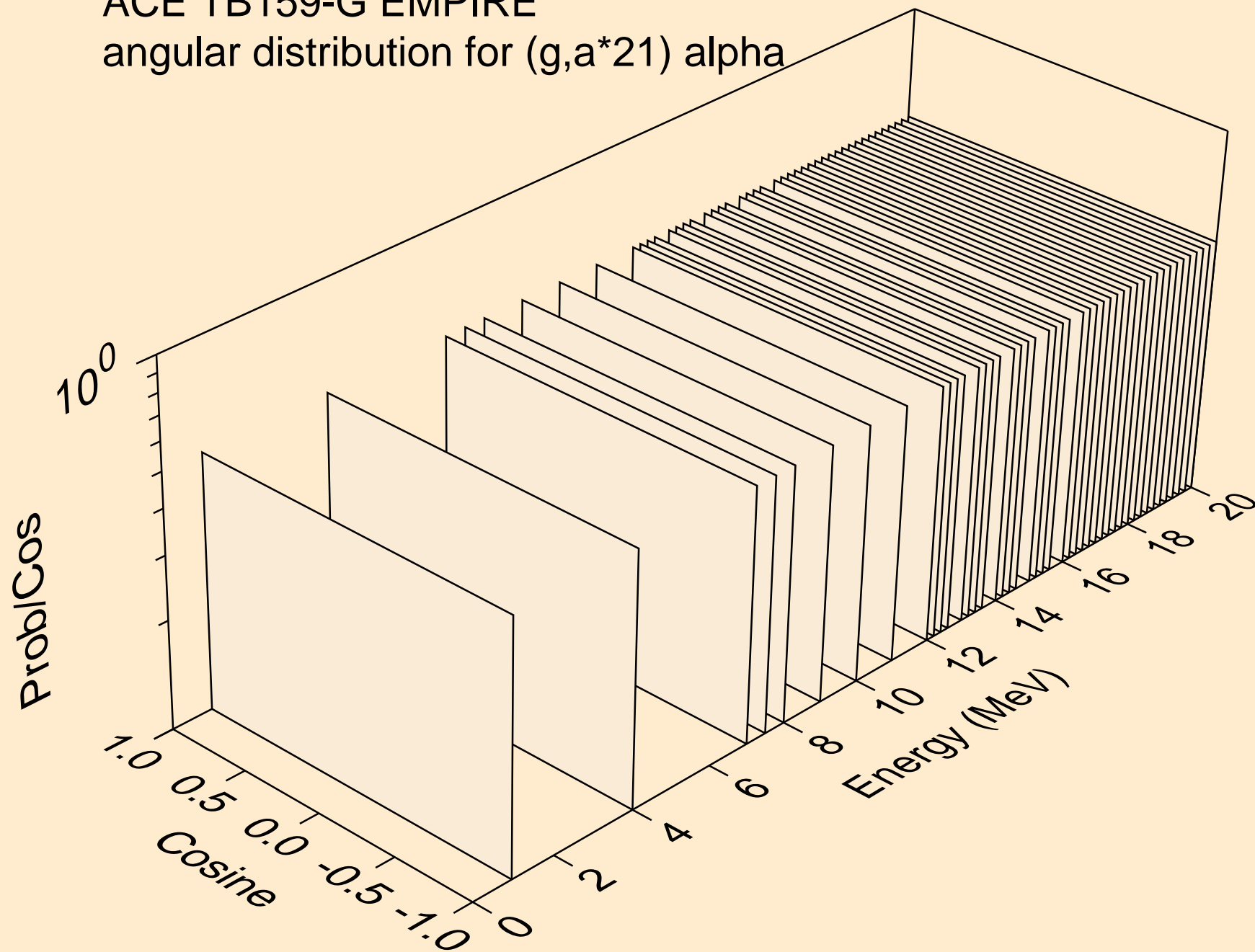




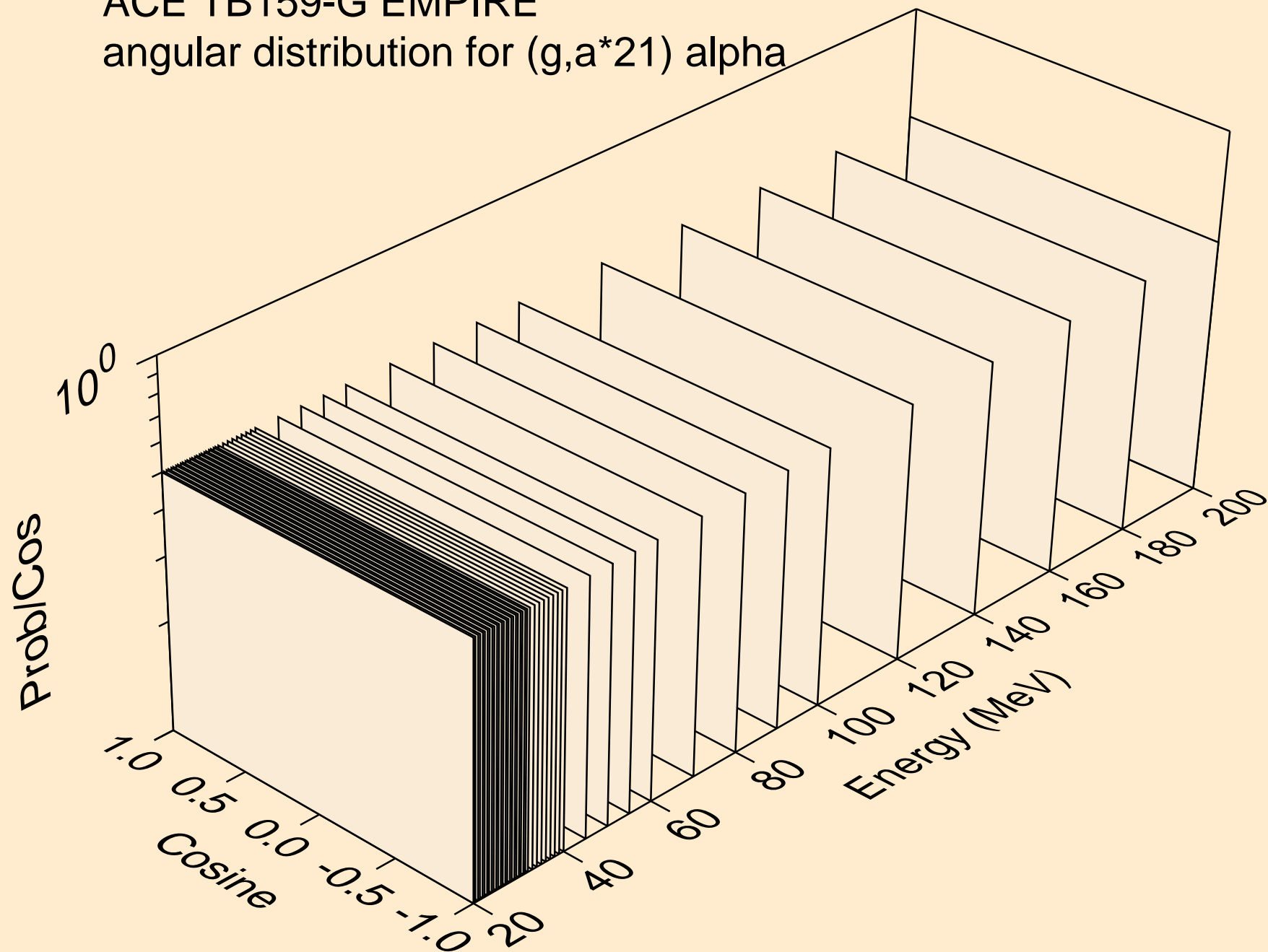
ACE TB159-G EMPIRE  
angular distribution for (g,a\*20) alpha



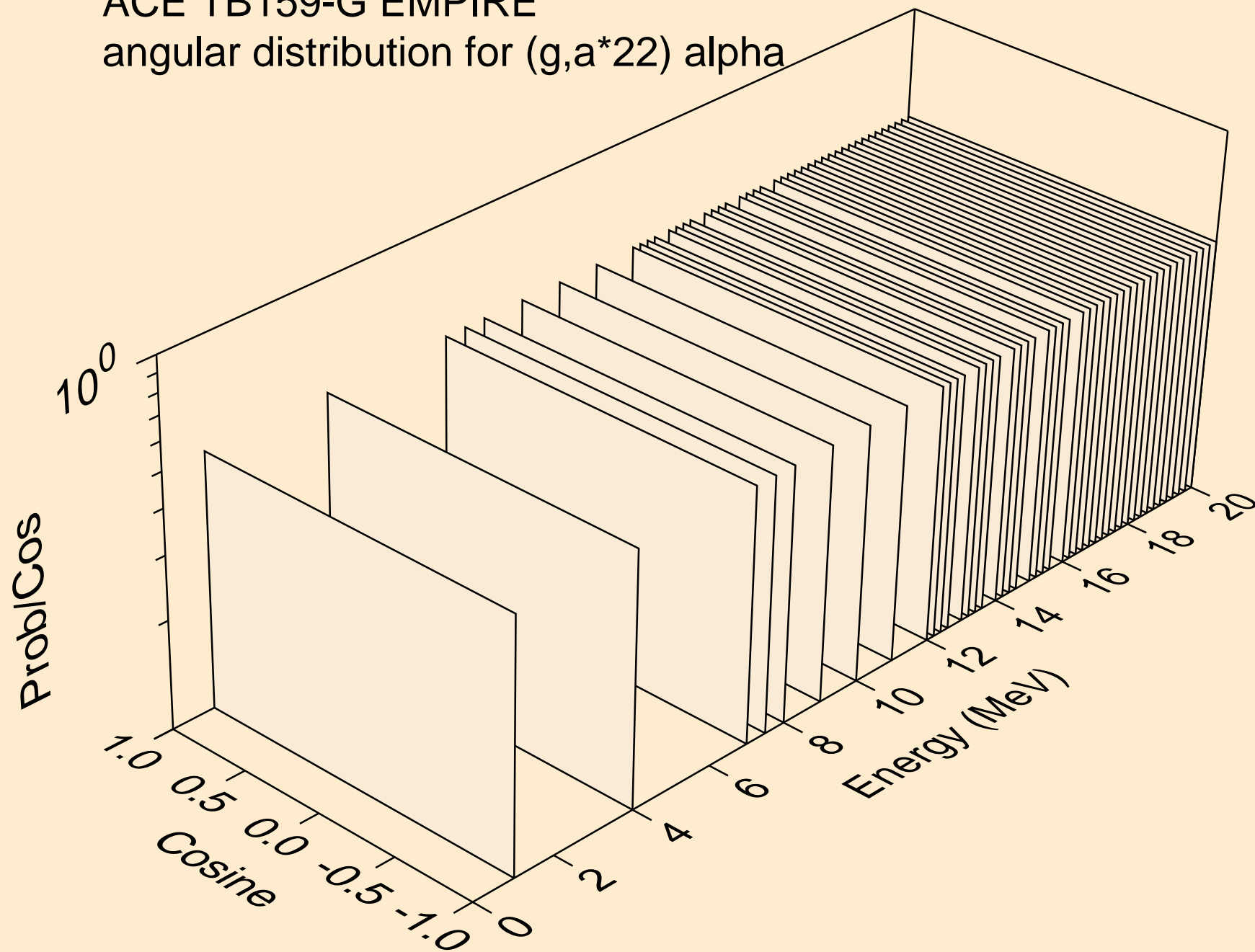
ACE TB159-G EMPIRE  
angular distribution for (g,a\*21) alpha



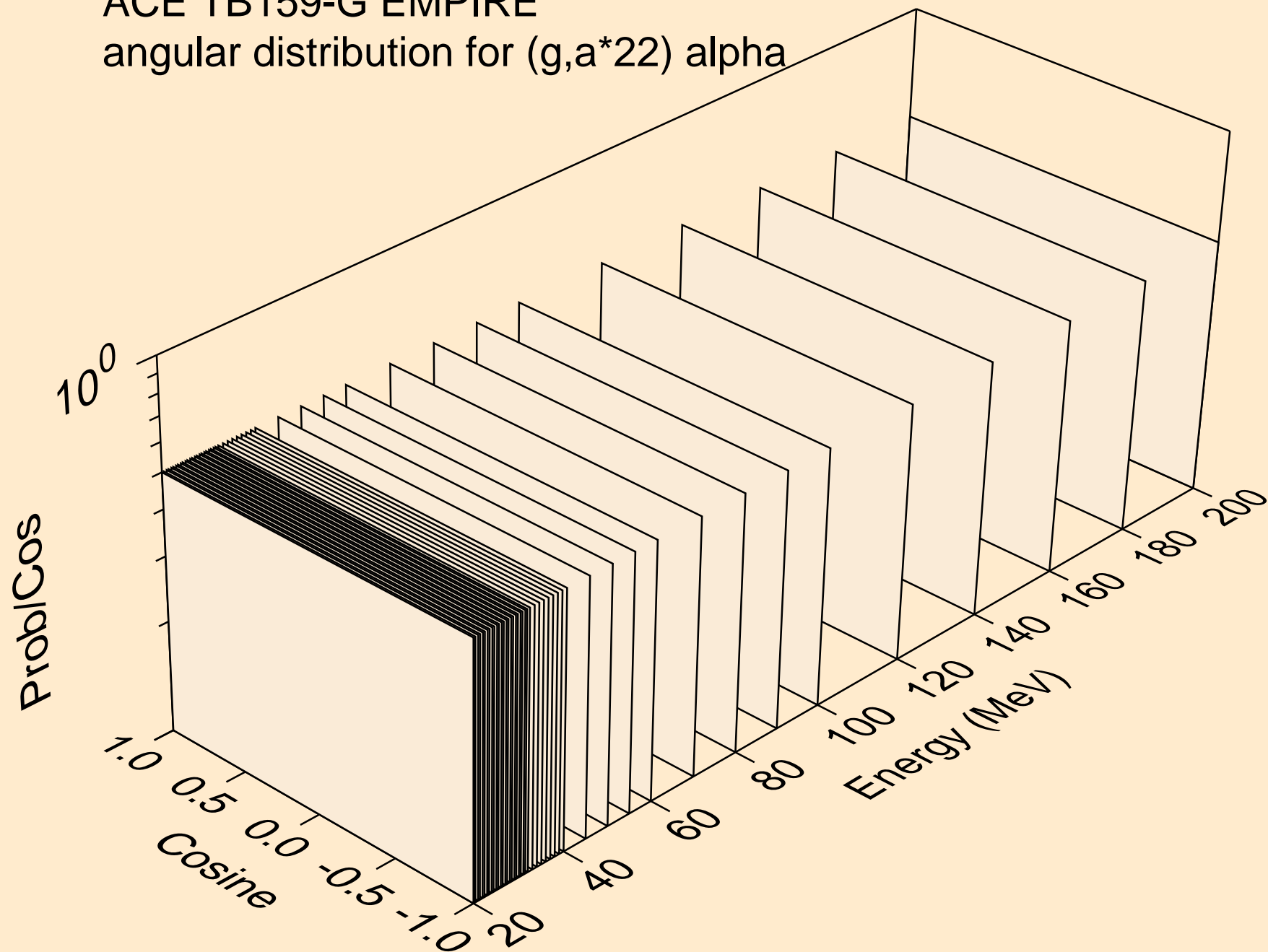
ACE TB159-G EMPIRE  
angular distribution for (g,a\*21) alpha



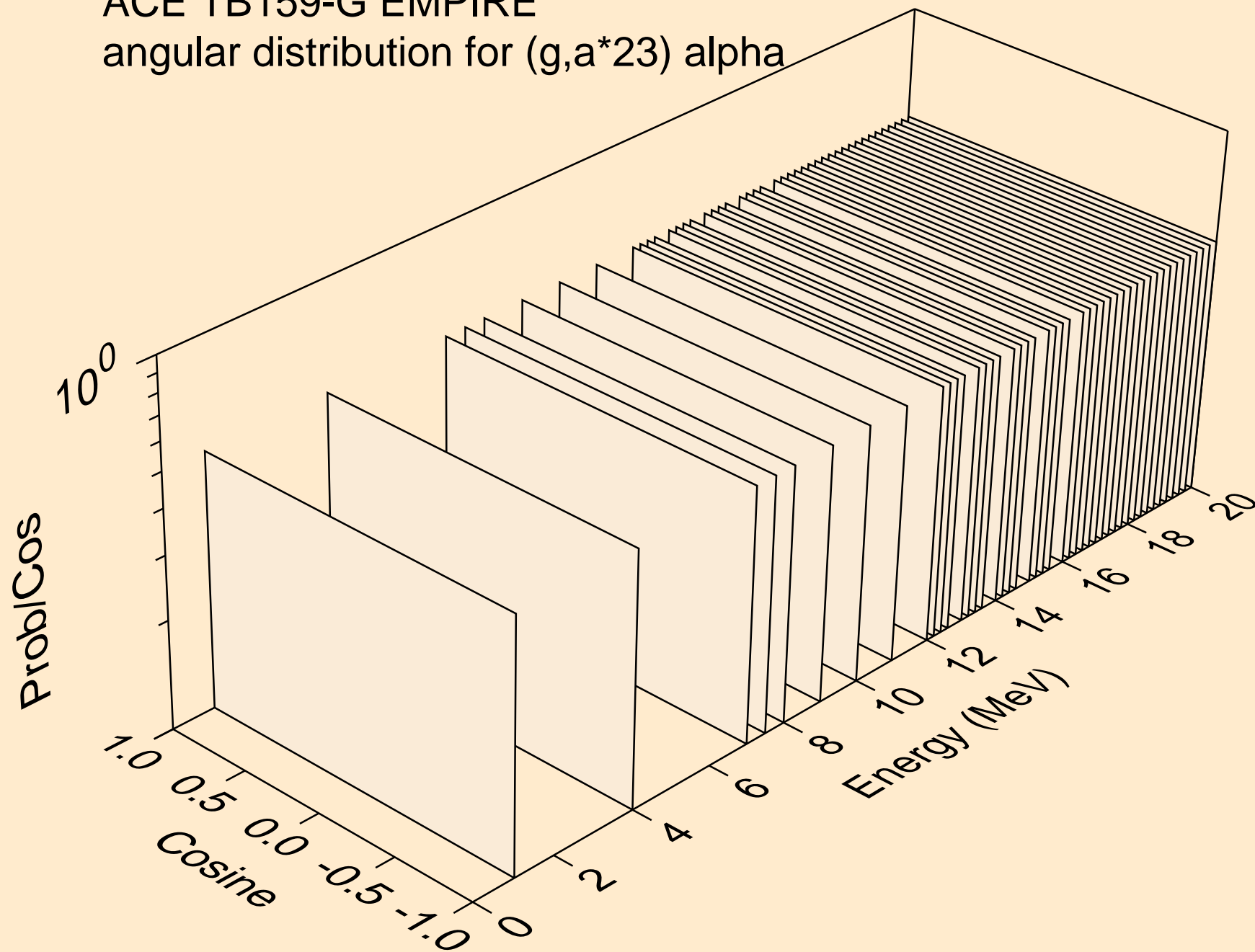
ACE TB159-G EMPIRE  
angular distribution for (g,a\*22) alpha



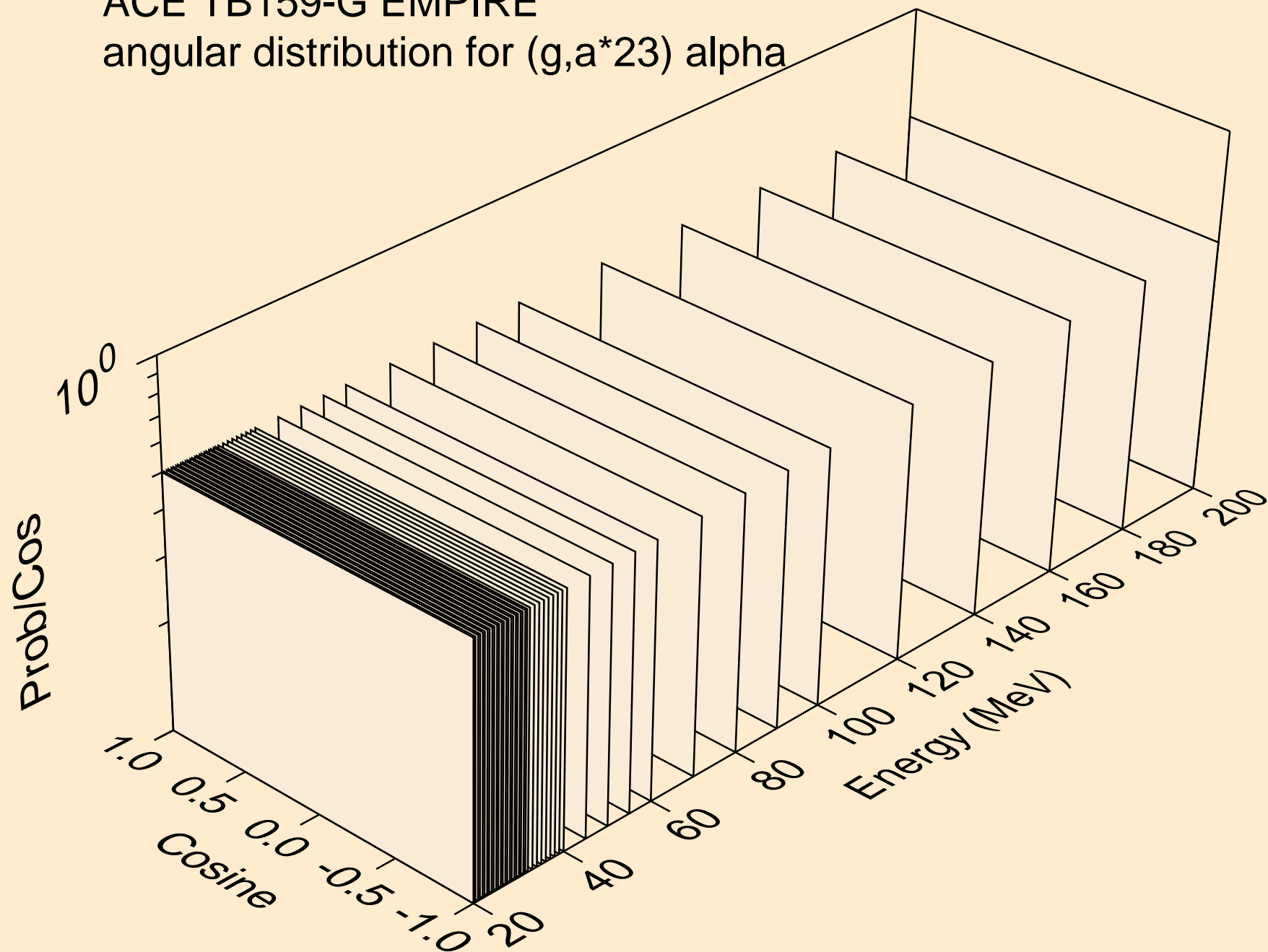
ACE TB159-G EMPIRE  
angular distribution for (g,a\*22) alpha



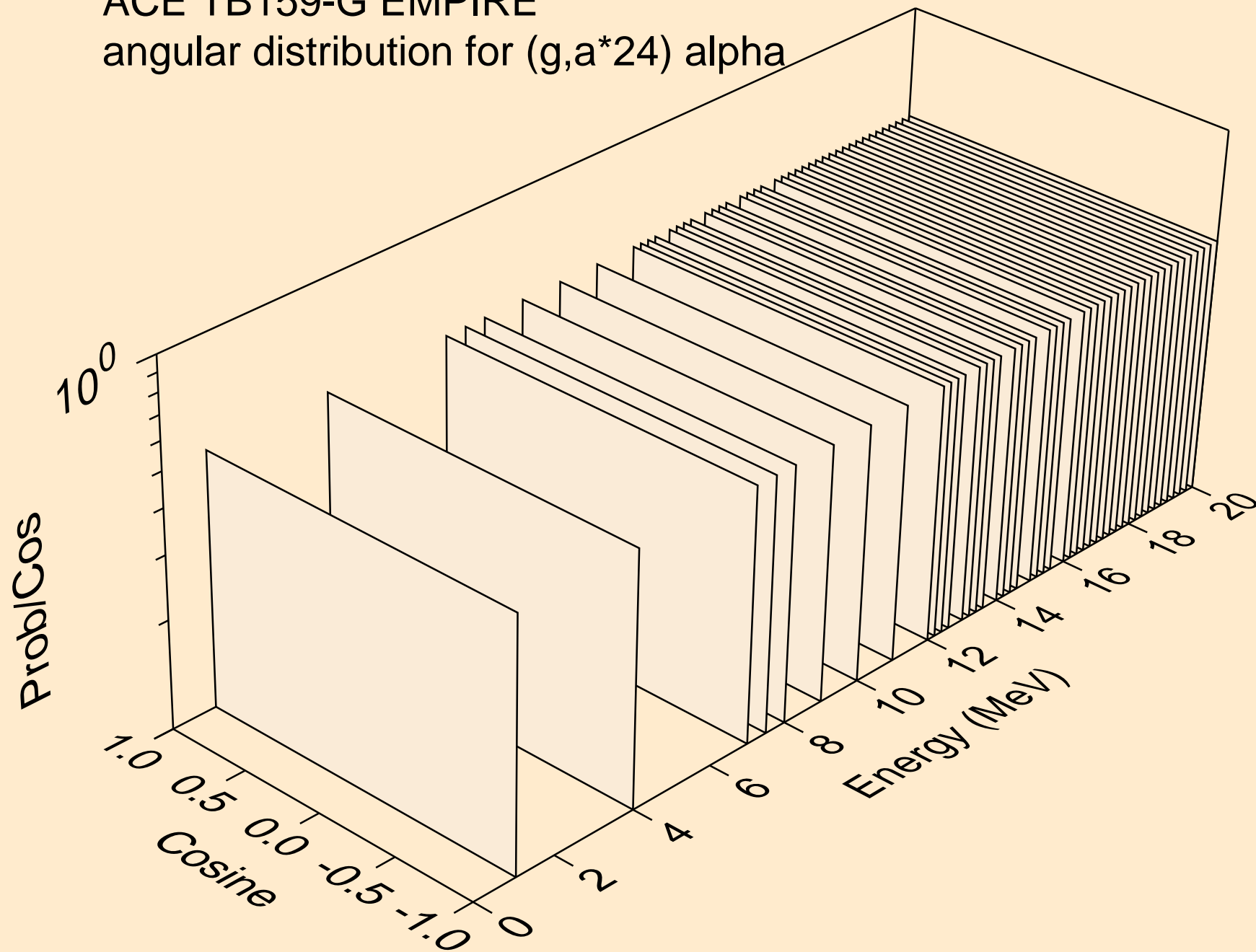
ACE TB159-G EMPIRE  
angular distribution for (g,a\*23) alpha



ACE TB159-G EMPIRE  
angular distribution for (g,a\*23) alpha

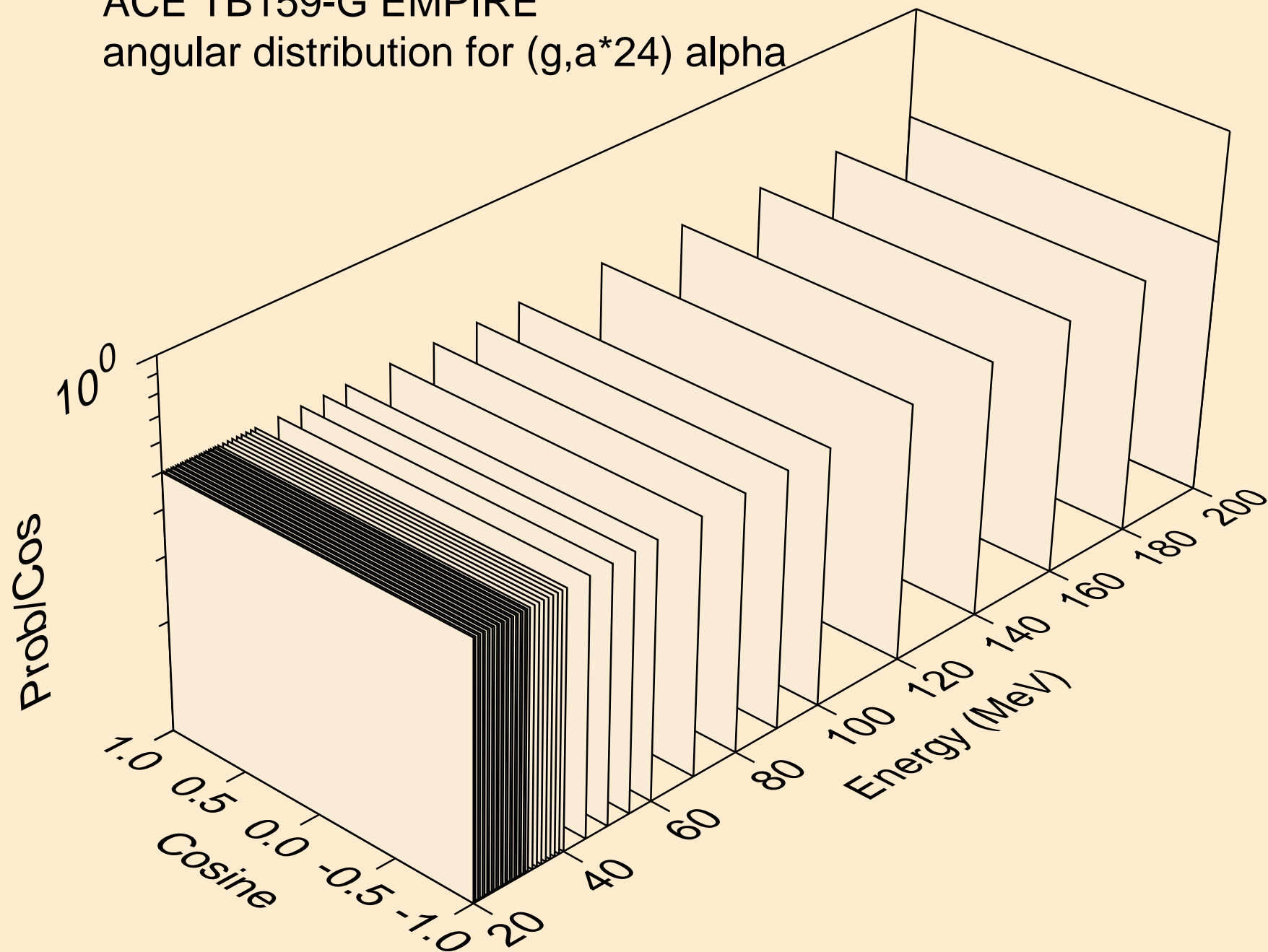


ACE TB159-G EMPIRE  
angular distribution for (g,a\*24) alpha

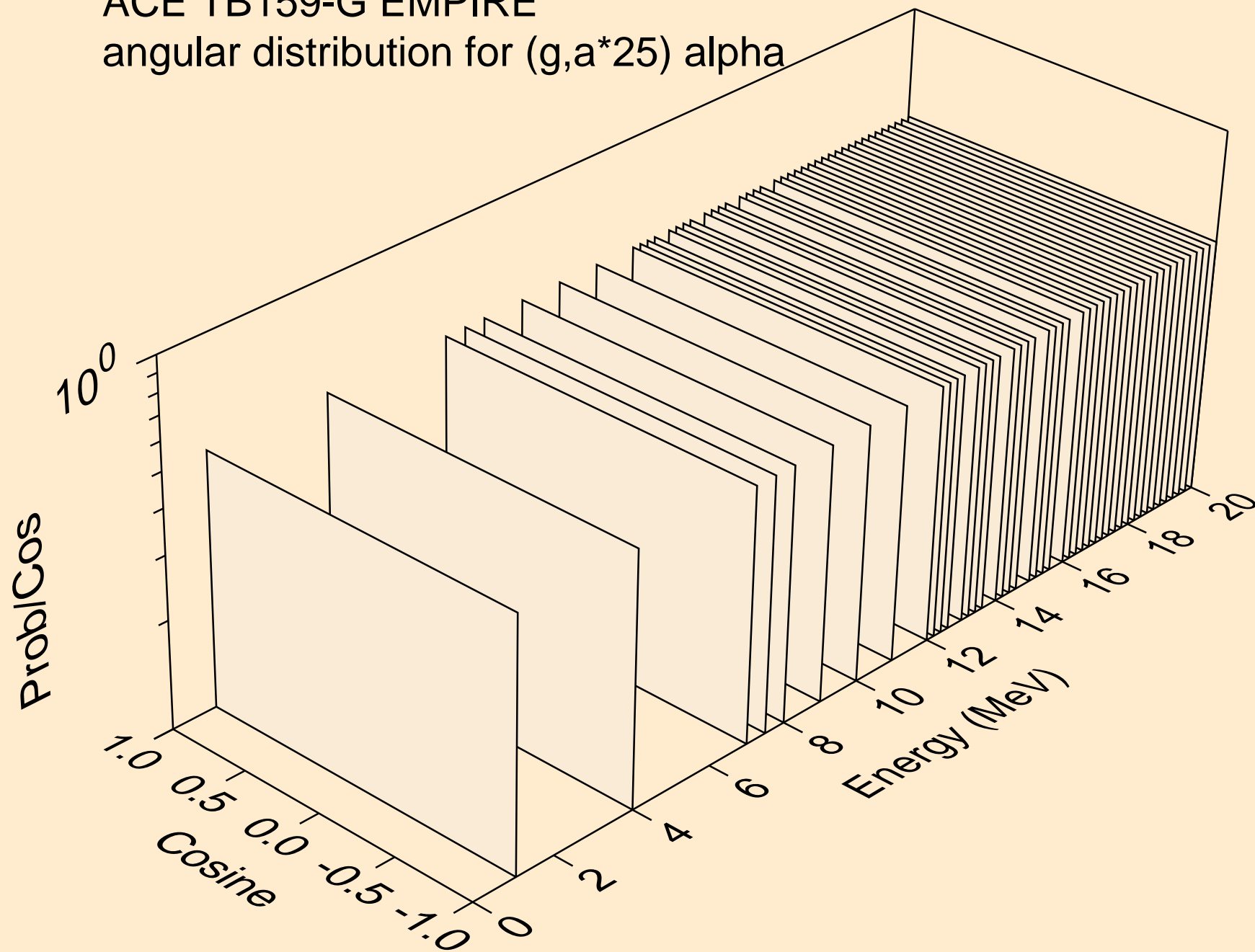




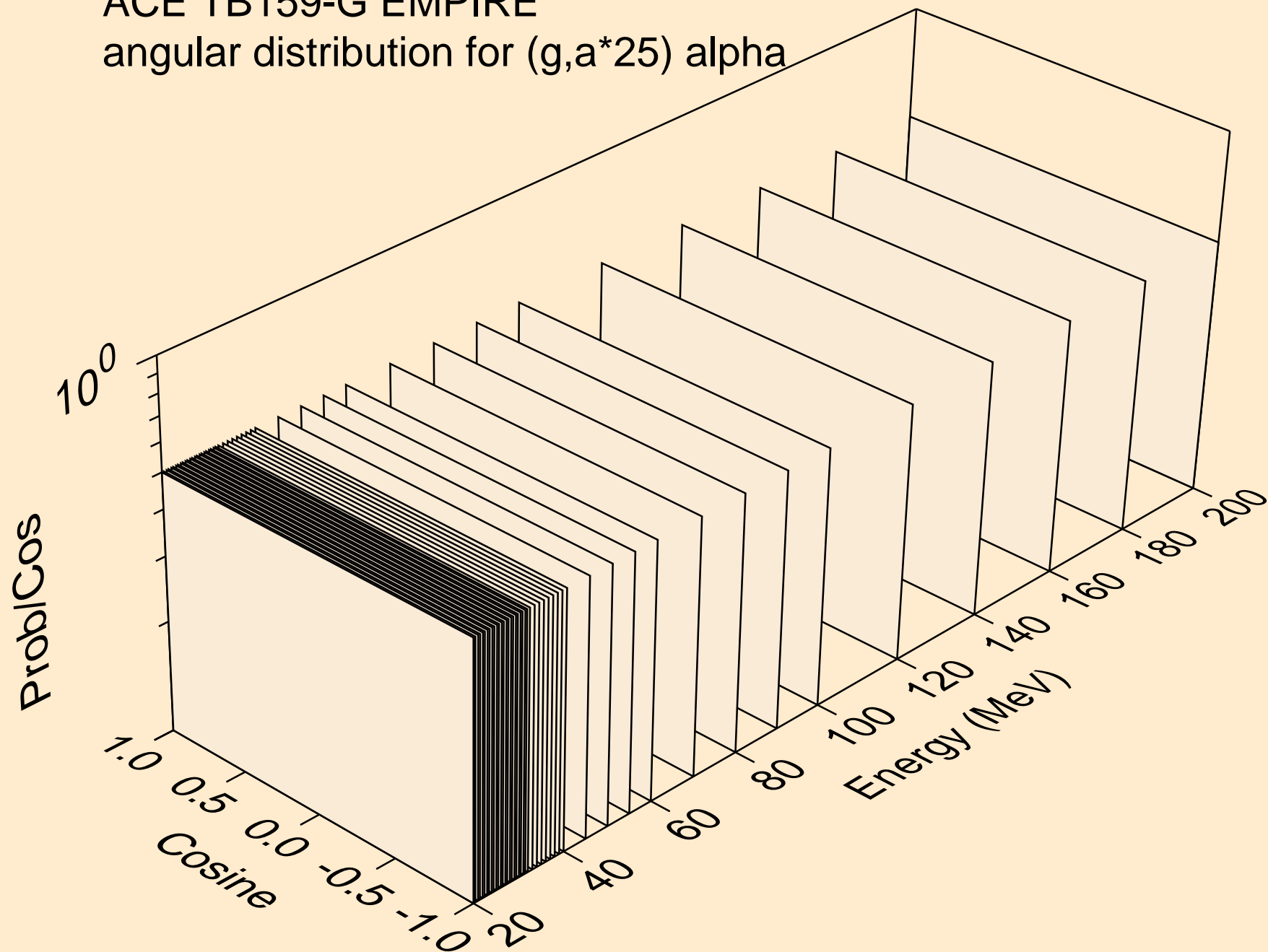
ACE TB159-G EMPIRE  
angular distribution for (g,a\*24) alpha



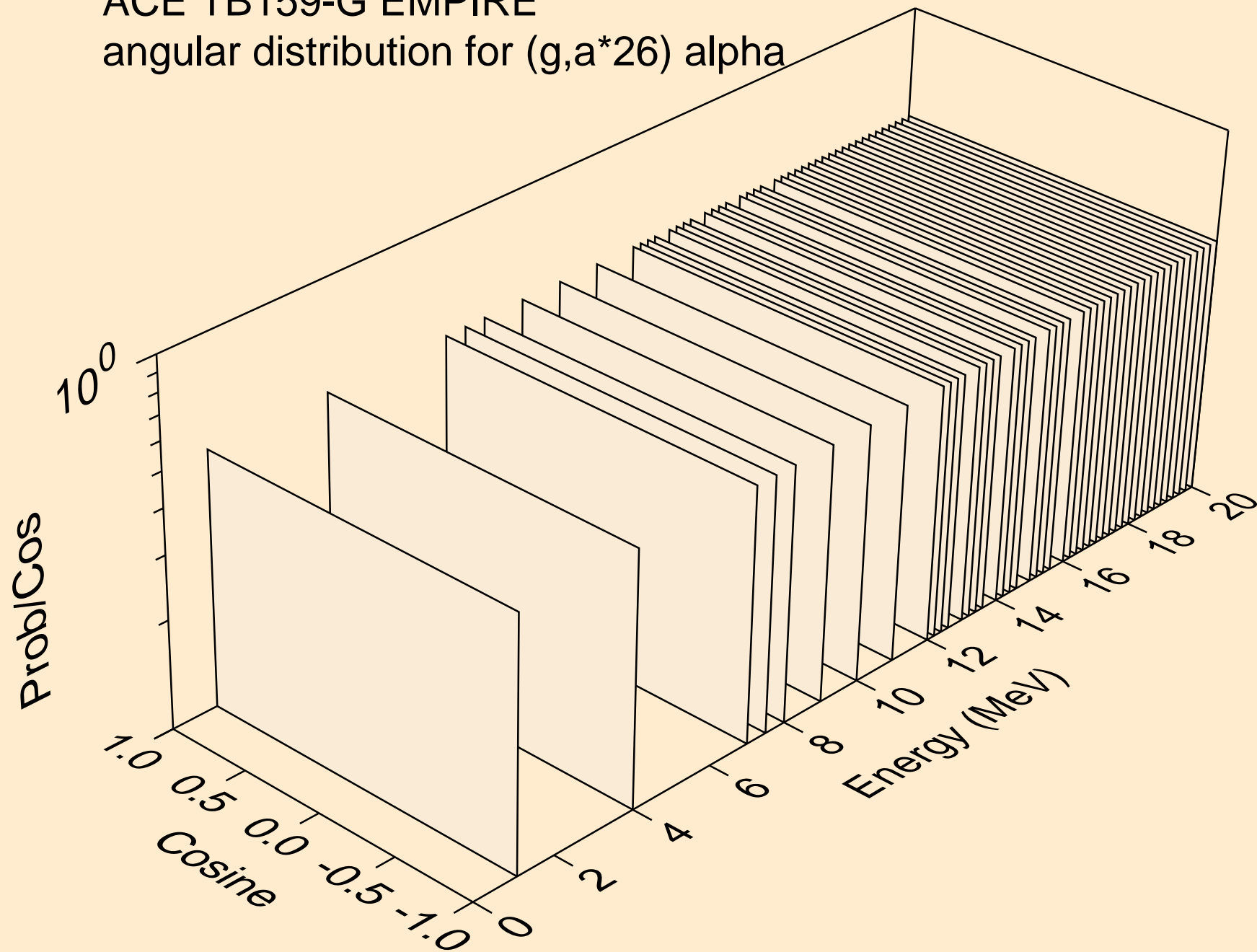
ACE TB159-G EMPIRE  
angular distribution for (g,a\*25) alpha



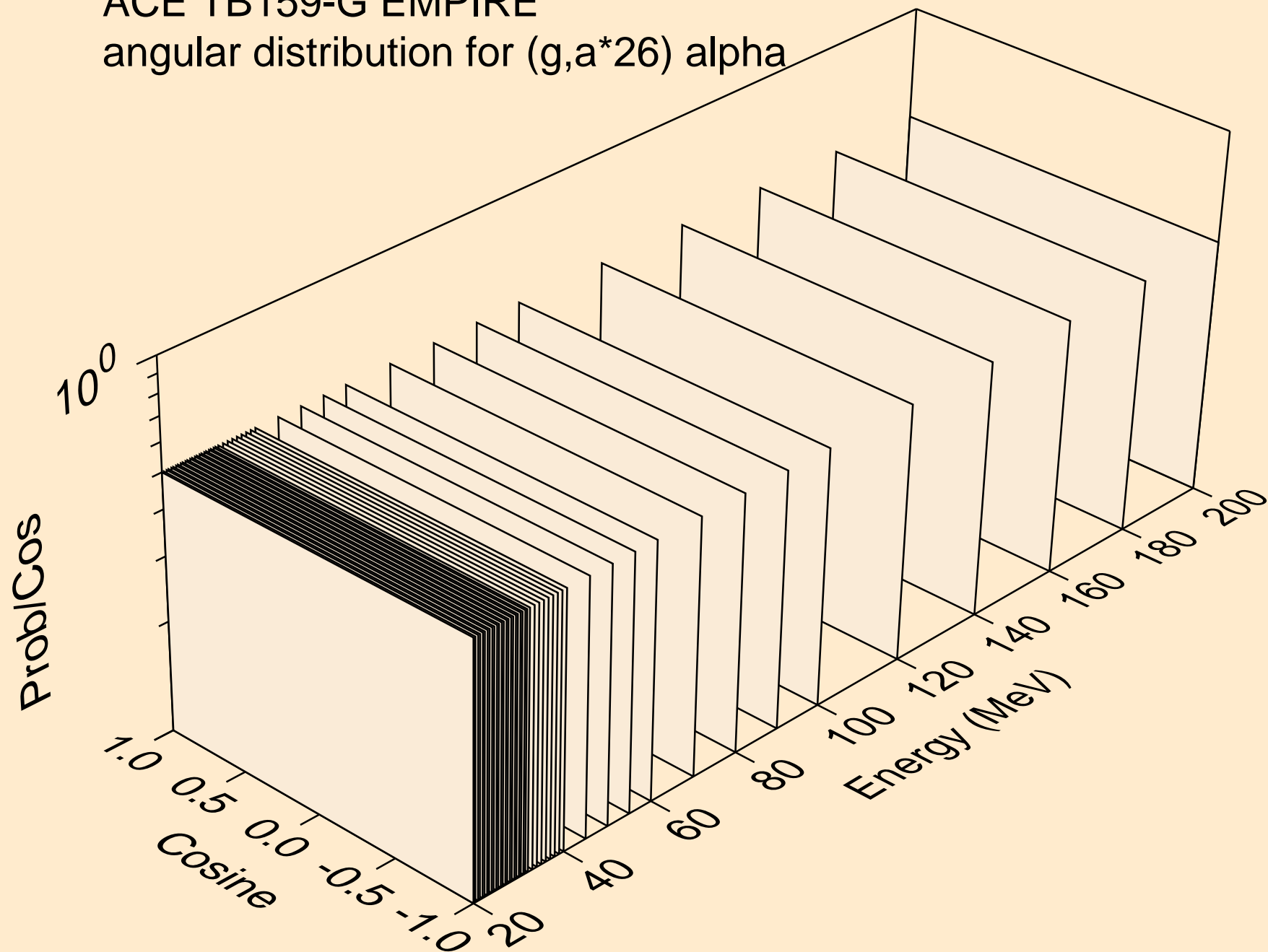
ACE TB159-G EMPIRE  
angular distribution for (g,a\*25) alpha



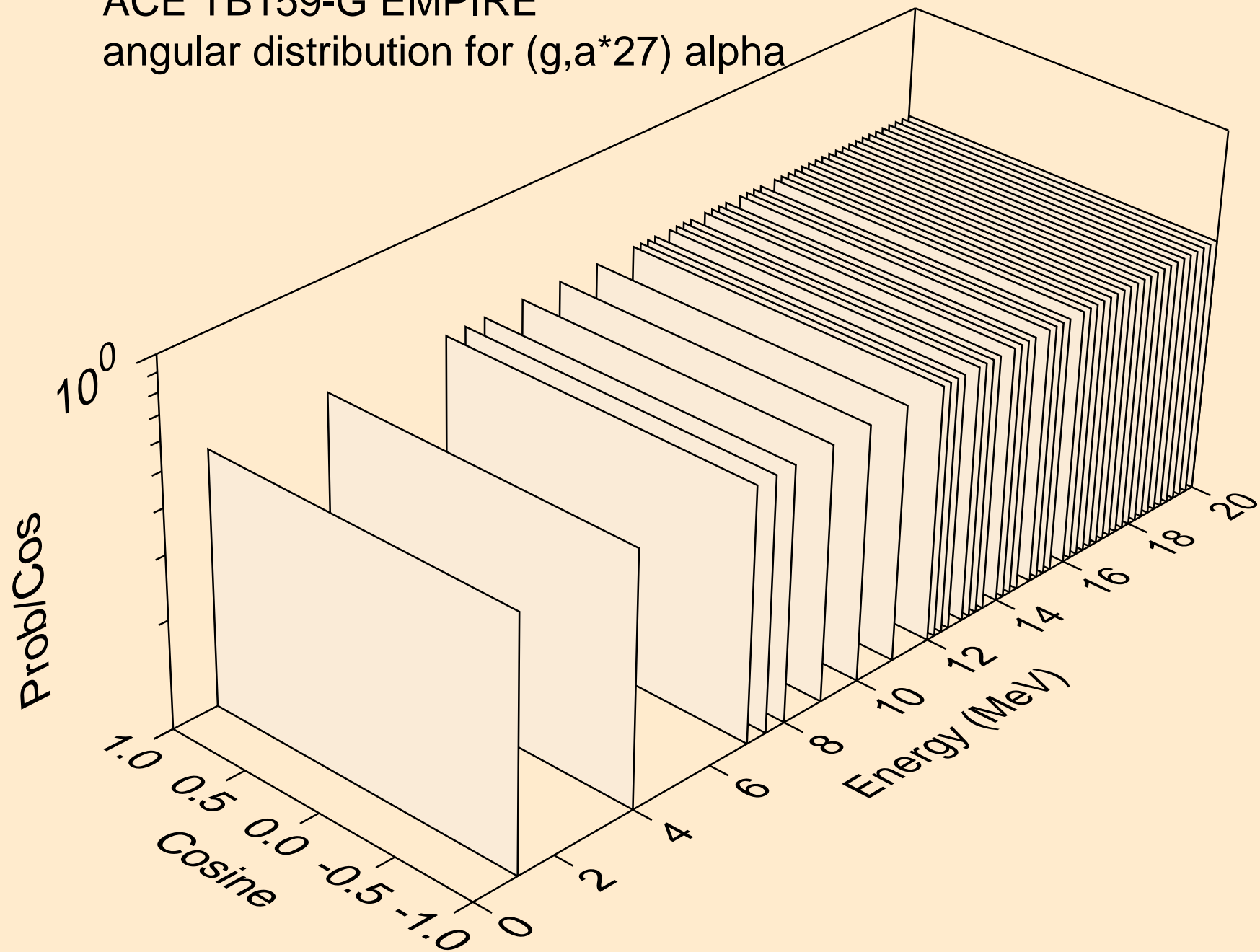
ACE TB159-G EMPIRE  
angular distribution for (g,a\*26) alpha



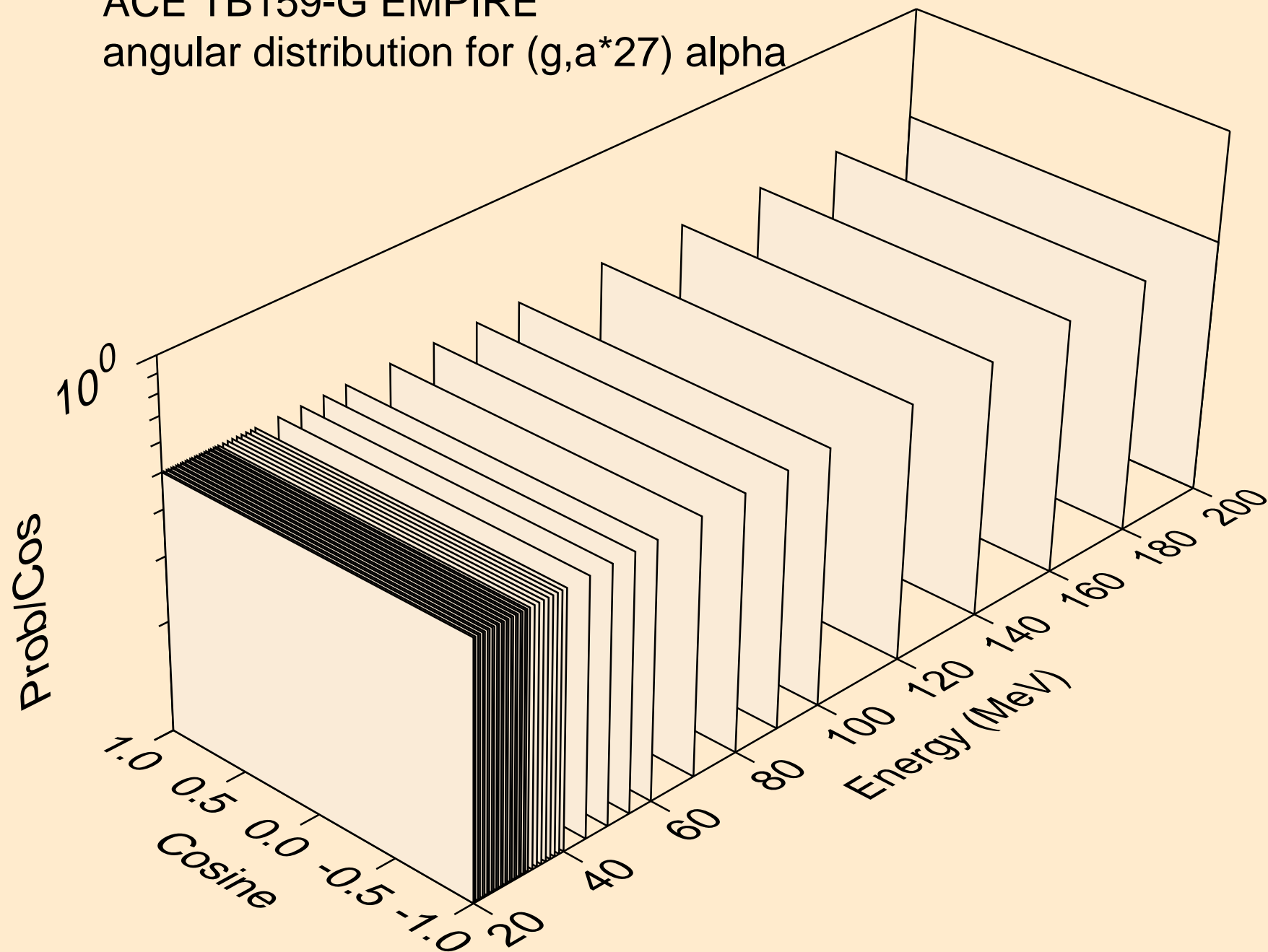
ACE TB159-G EMPIRE  
angular distribution for (g,a\*26) alpha



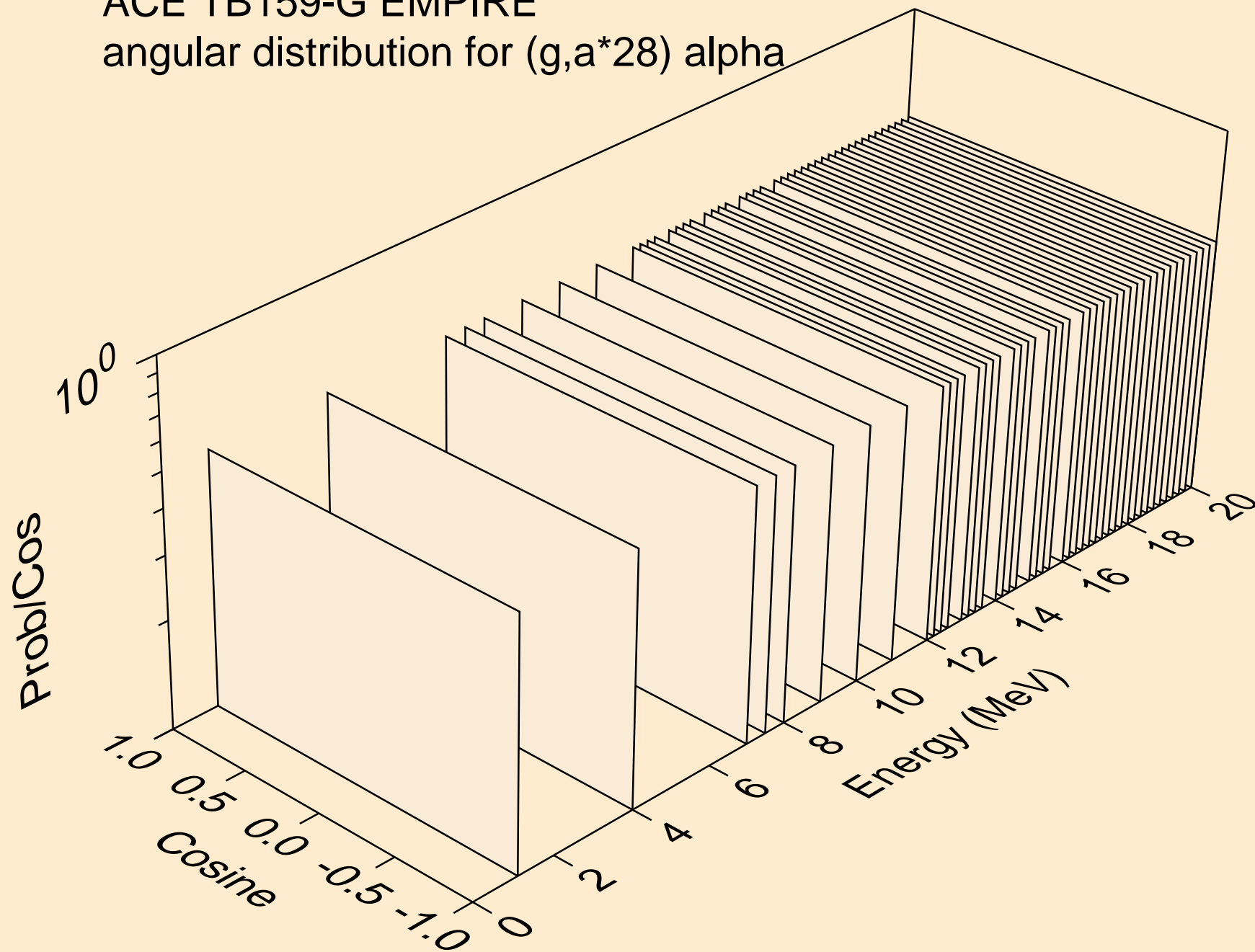
ACE TB159-G EMPIRE  
angular distribution for (g,a\*27) alpha



ACE TB159-G EMPIRE  
angular distribution for (g,a\*27) alpha

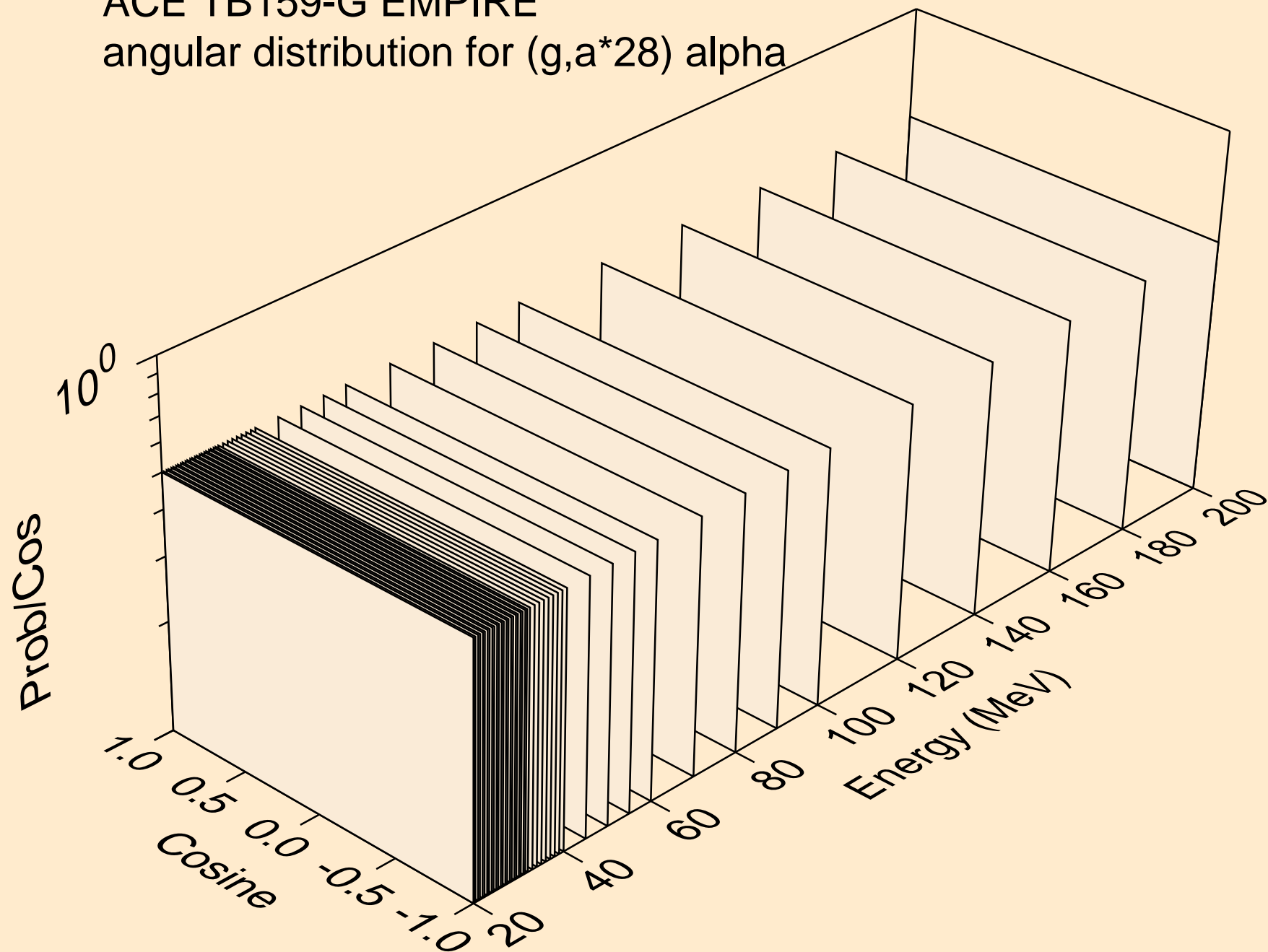


ACE TB159-G EMPIRE  
angular distribution for (g,a\*28) alpha

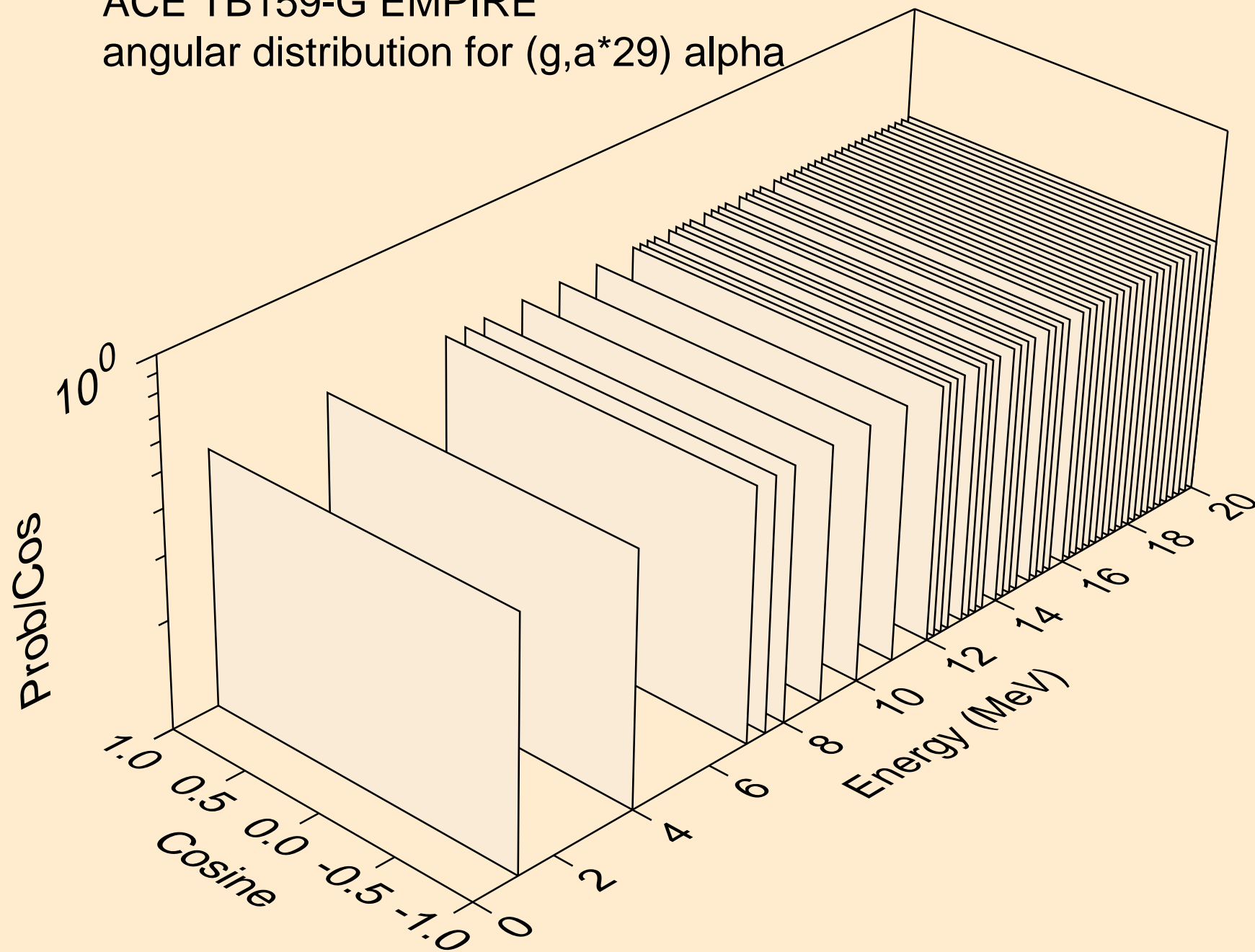




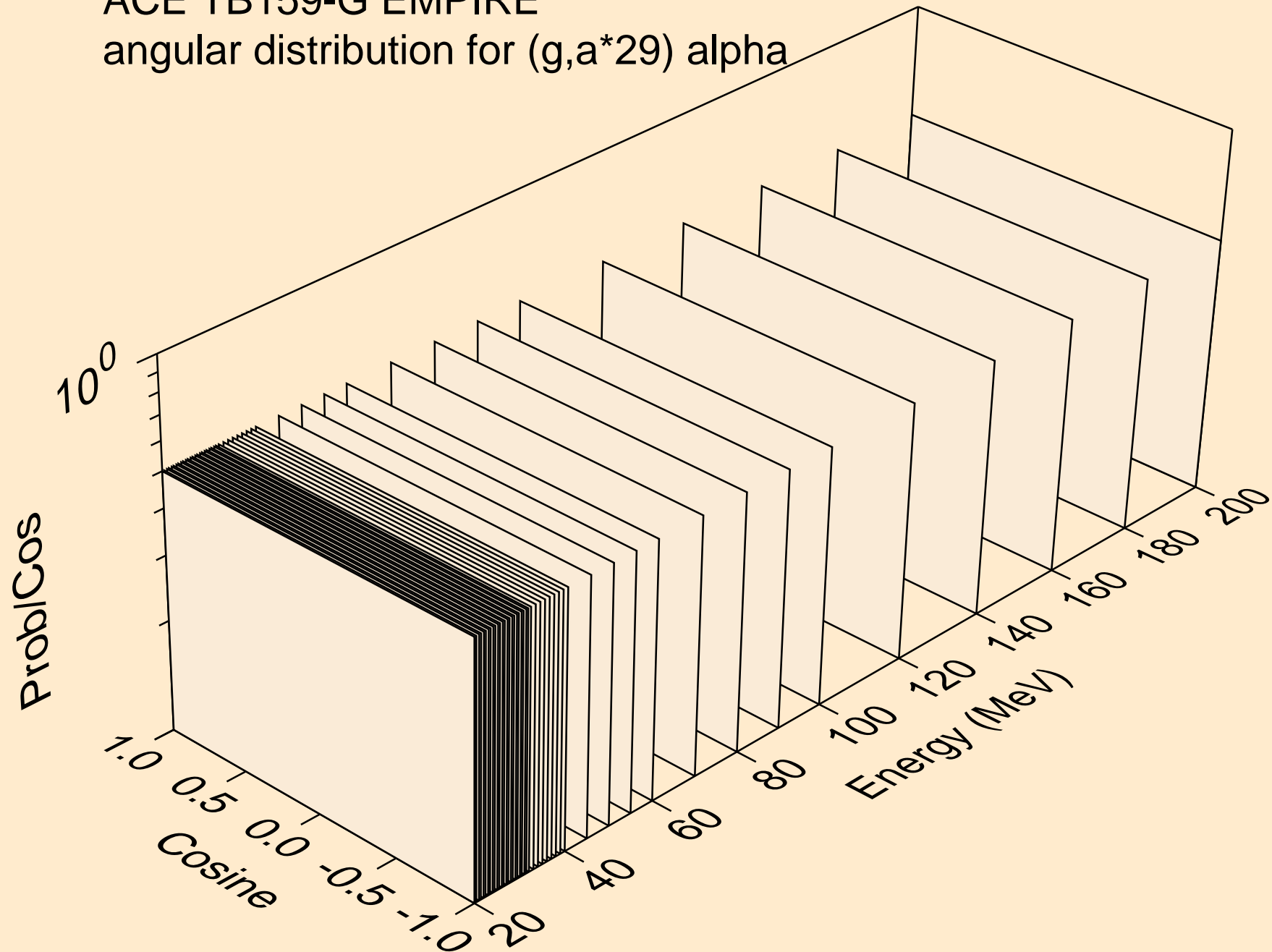
ACE TB159-G EMPIRE  
angular distribution for (g,a\*28) alpha



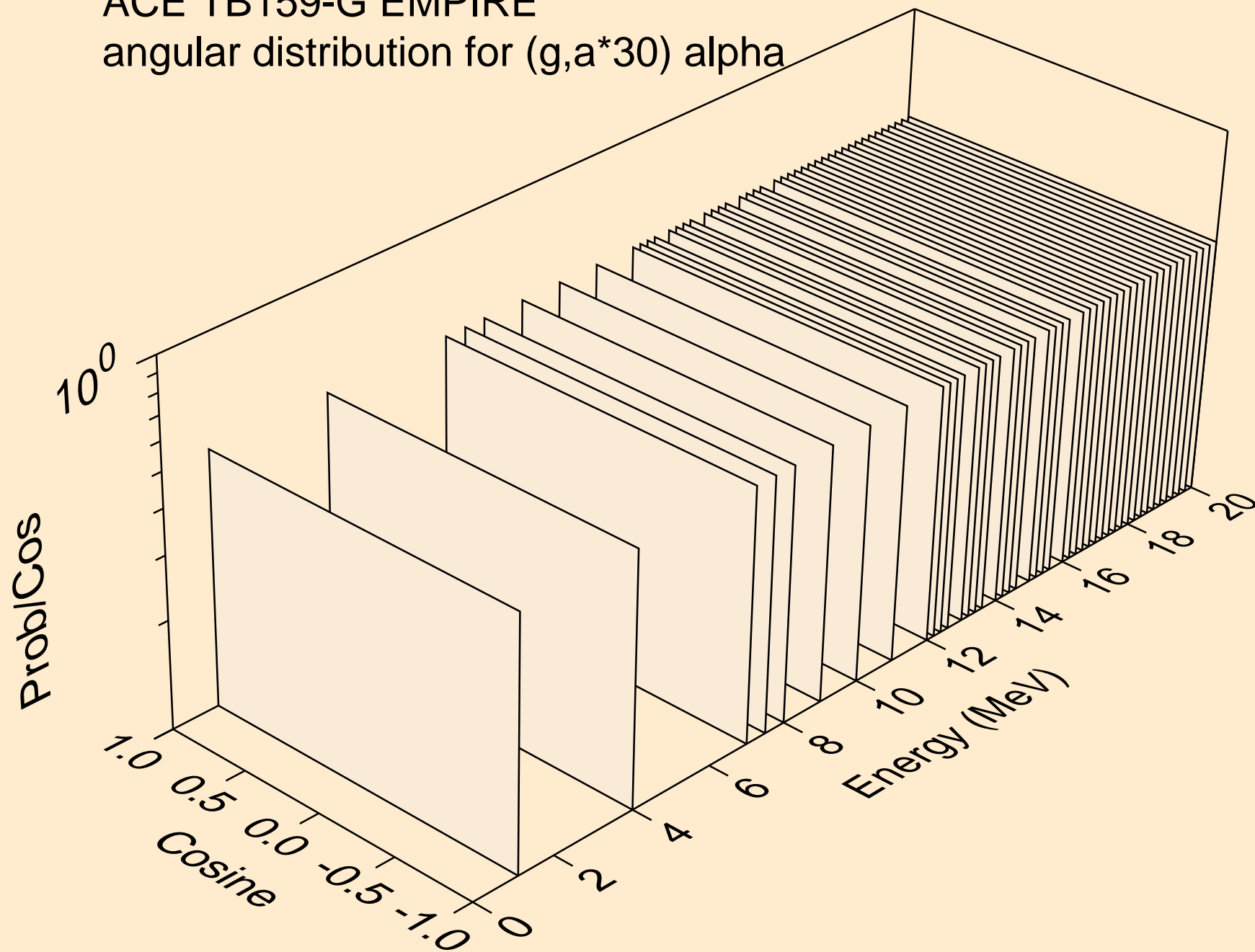
ACE TB159-G EMPIRE  
angular distribution for (g,a\*29) alpha



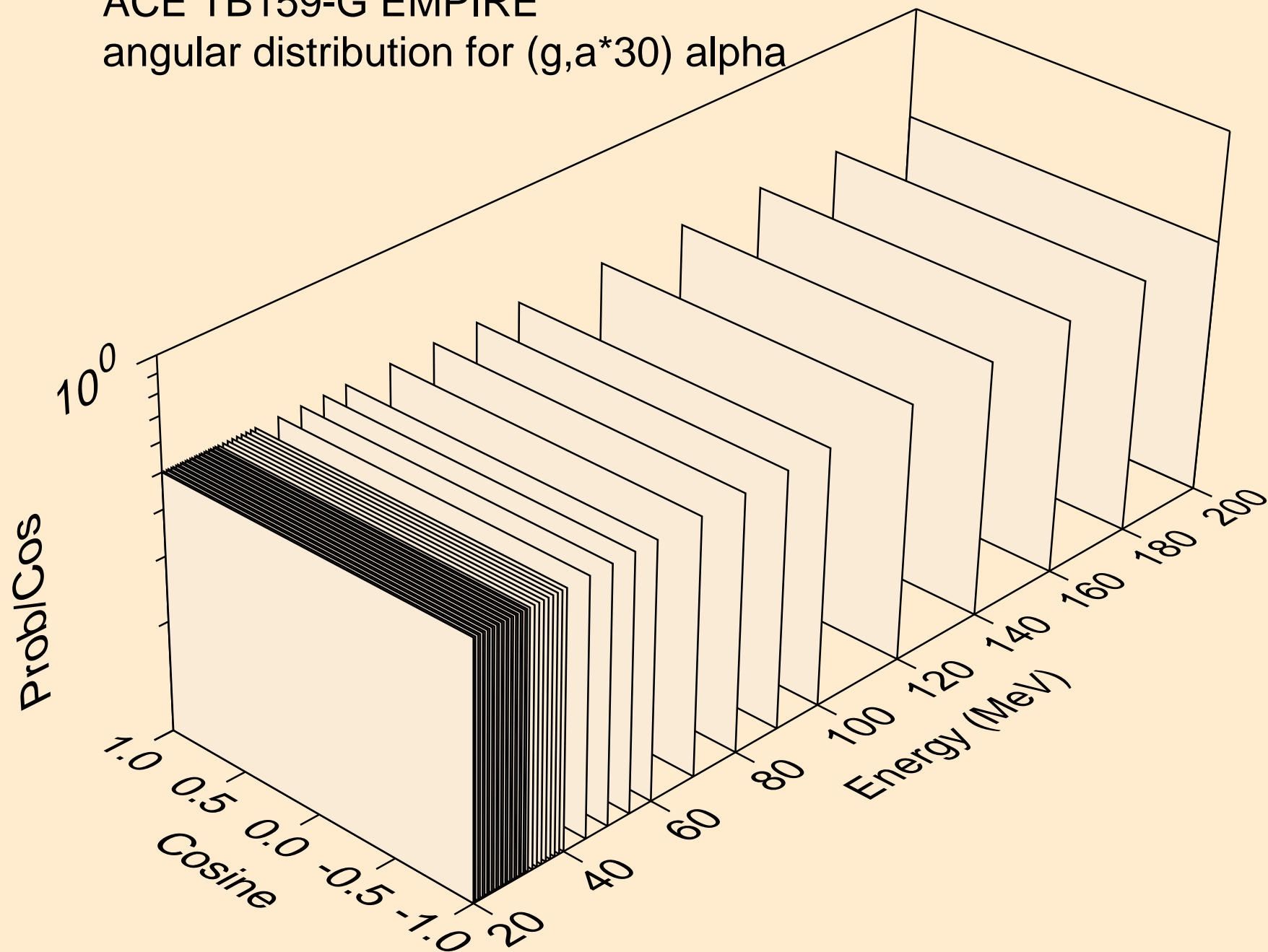
ACE TB159-G EMPIRE  
angular distribution for (g,a\*29) alpha



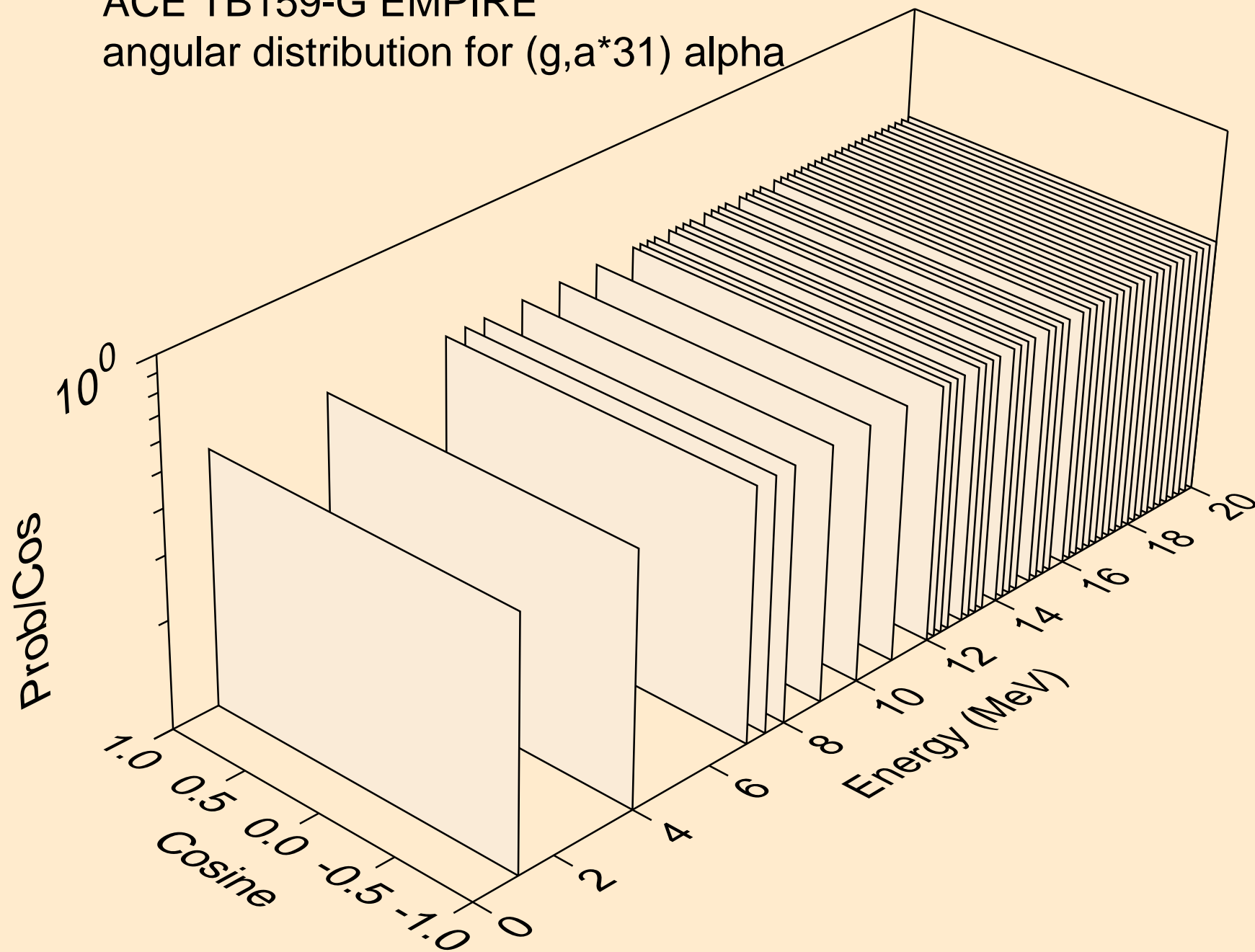
ACE TB159-G EMPIRE  
angular distribution for (g,a\*30) alpha



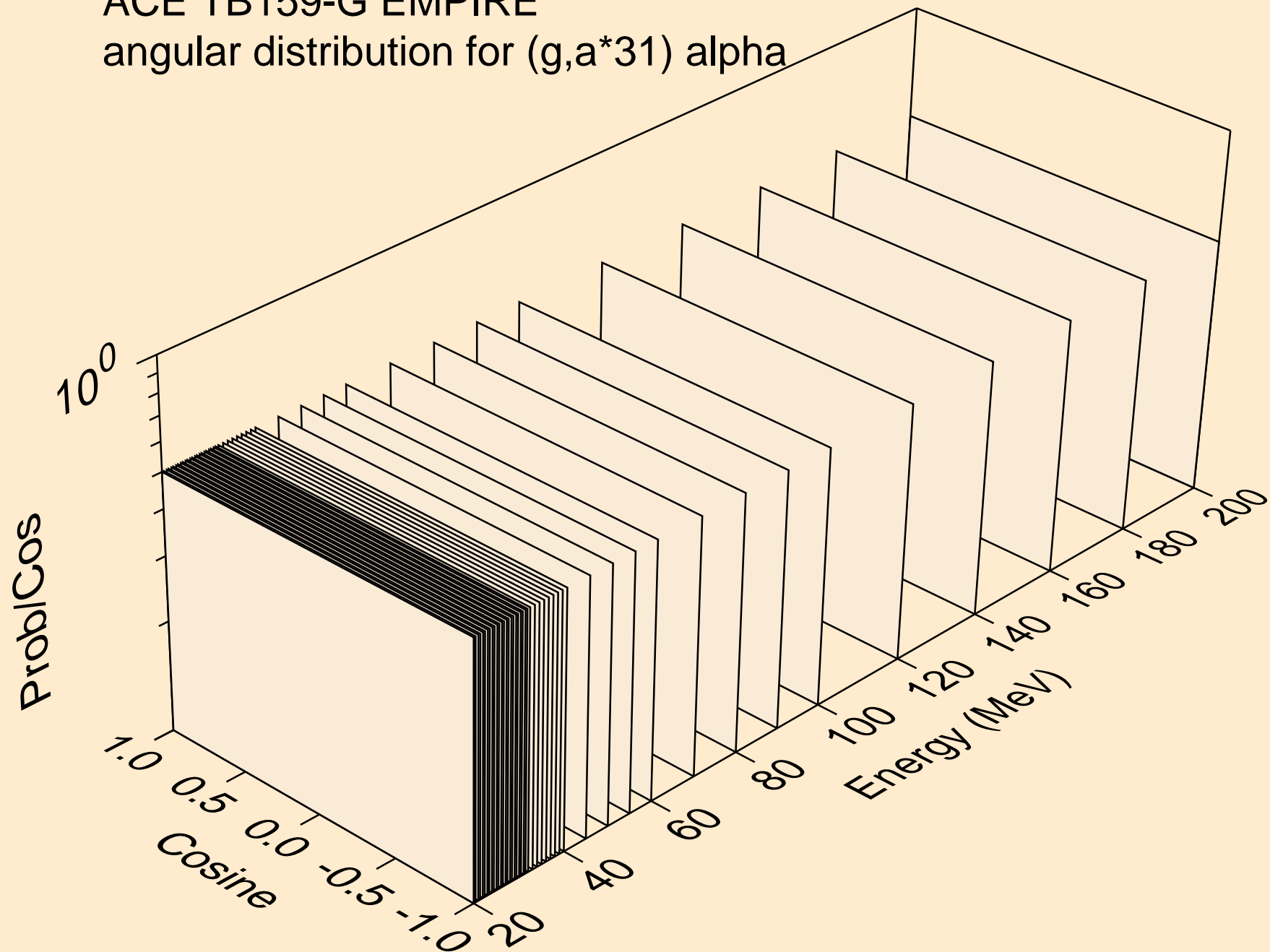
ACE TB159-G EMPIRE  
angular distribution for (g,a\*30) alpha



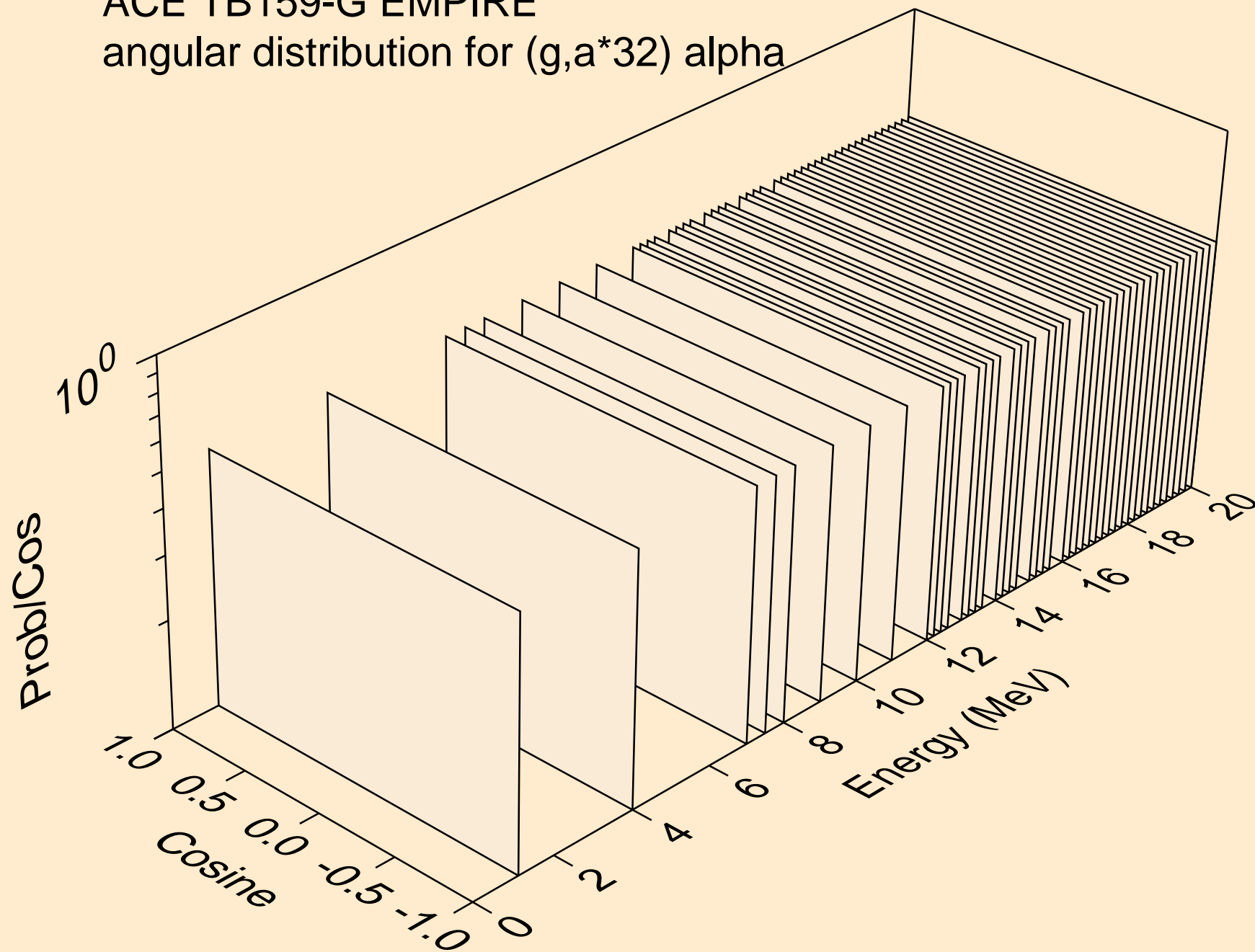
ACE TB159-G EMPIRE  
angular distribution for (g,a\*31) alpha



ACE TB159-G EMPIRE  
angular distribution for (g,a\*31) alpha

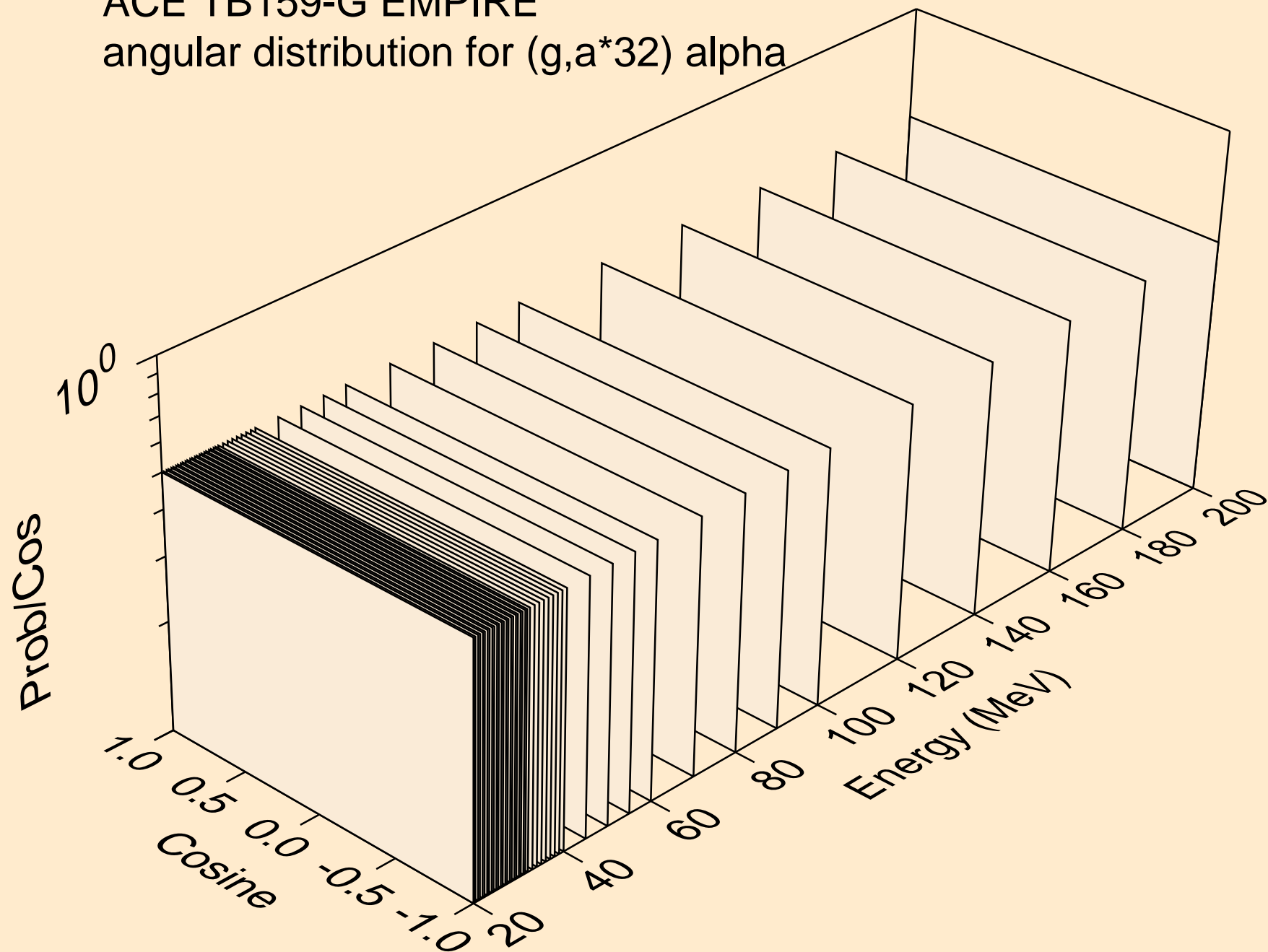


ACE TB159-G EMPIRE  
angular distribution for (g,a\*32) alpha

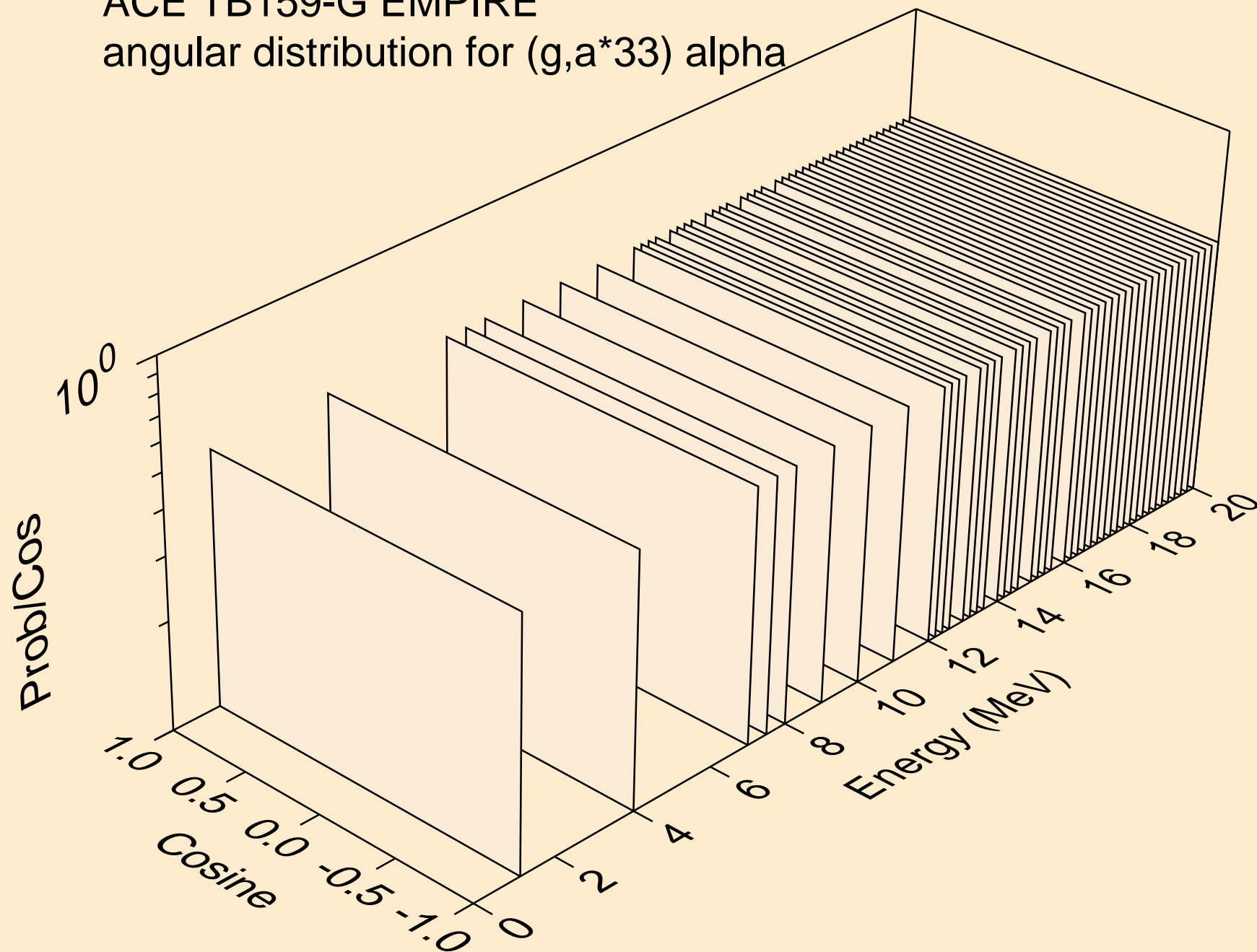




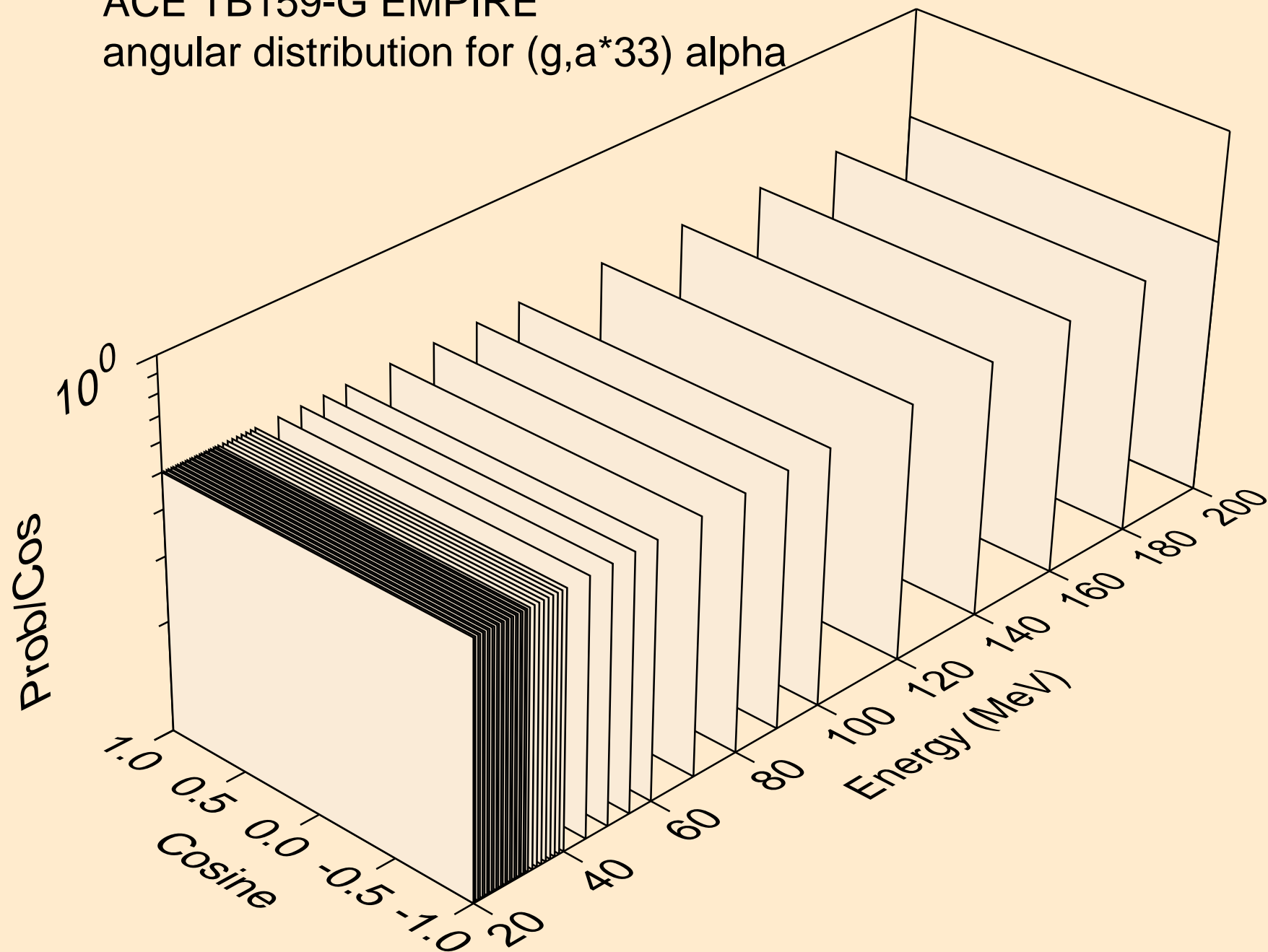
ACE TB159-G EMPIRE  
angular distribution for (g,a\*32) alpha



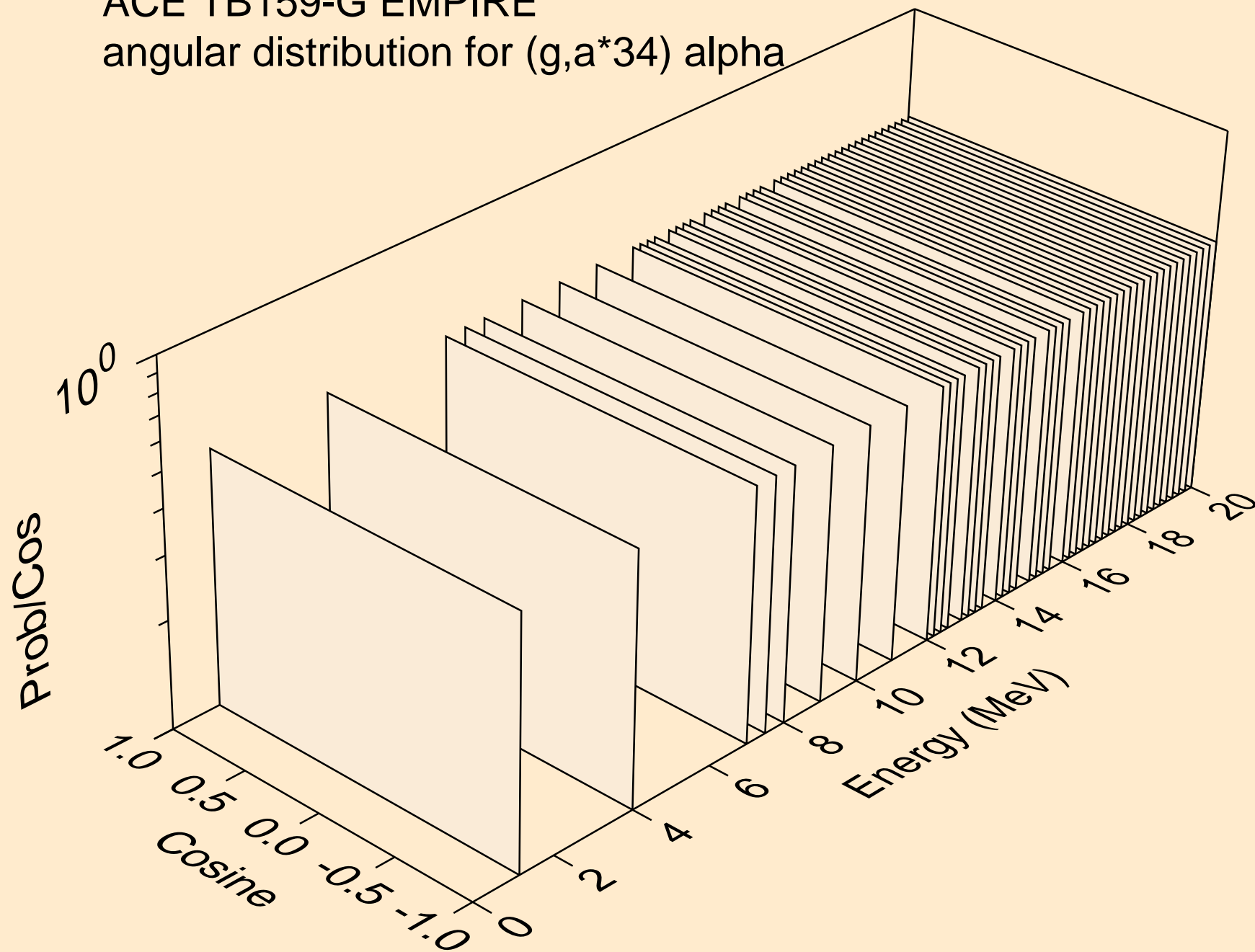
ACE TB159-G EMPIRE  
angular distribution for (g,a\*33) alpha



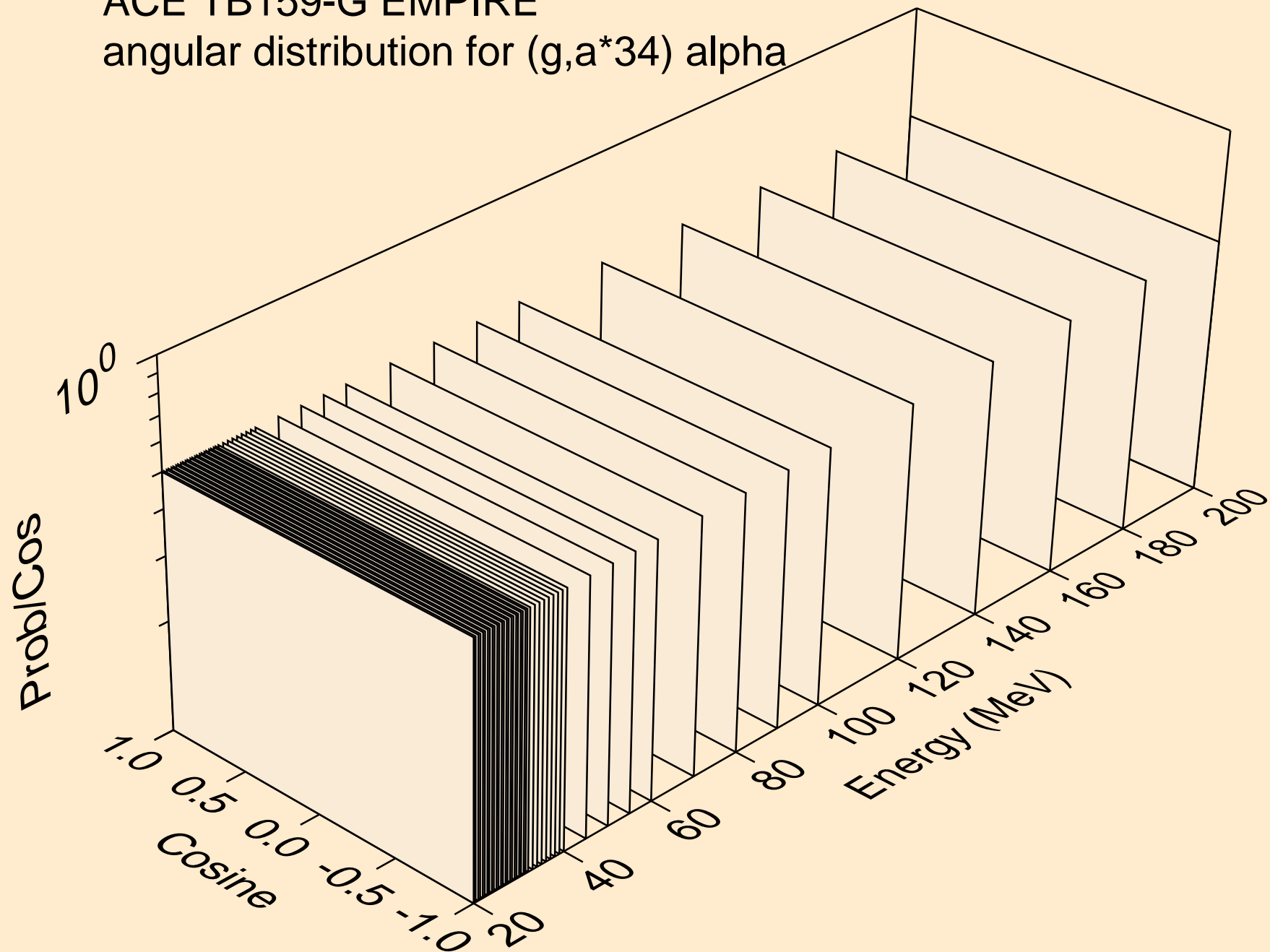
ACE TB159-G EMPIRE  
angular distribution for (g,a\*33) alpha



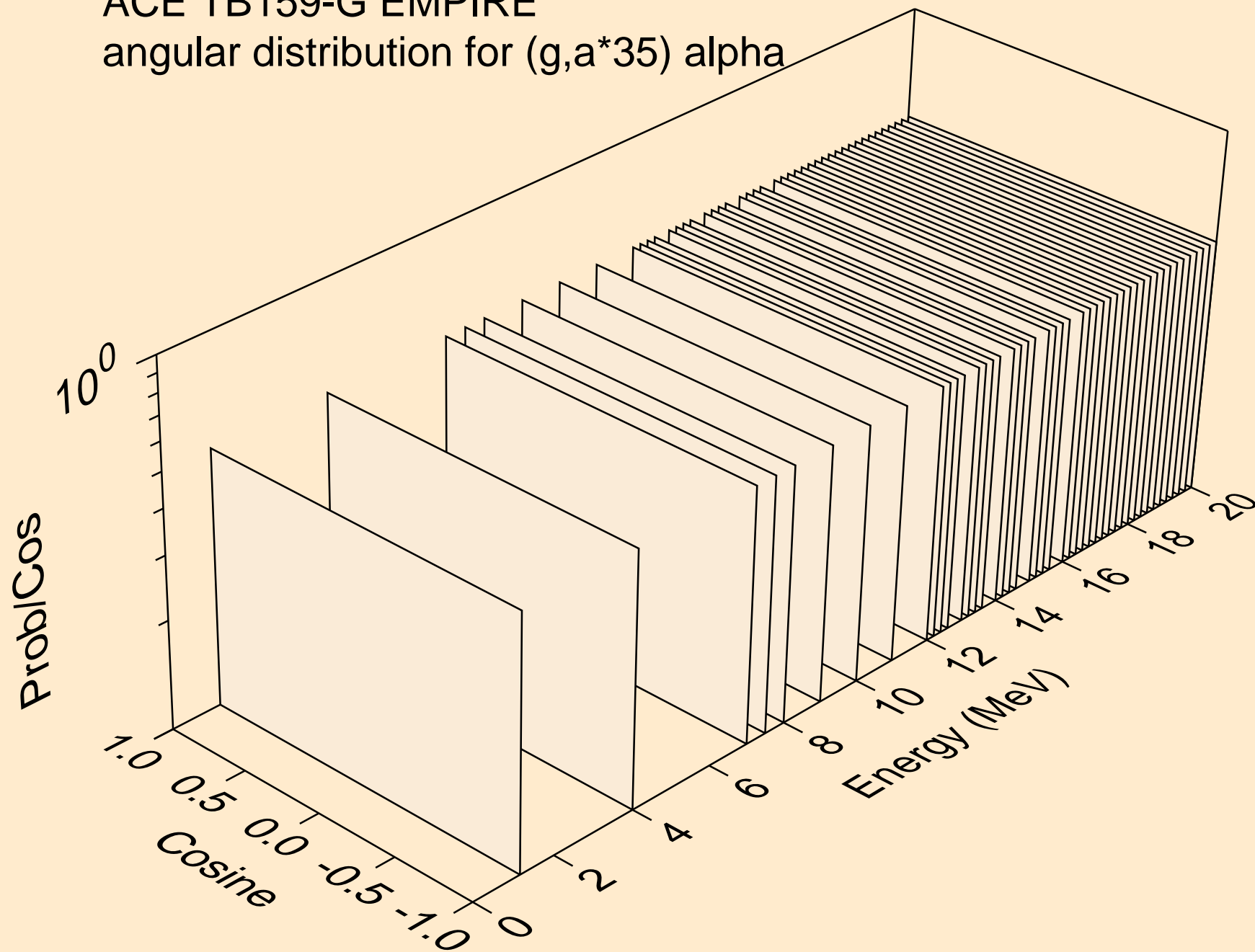
ACE TB159-G EMPIRE  
angular distribution for (g,a\*34) alpha



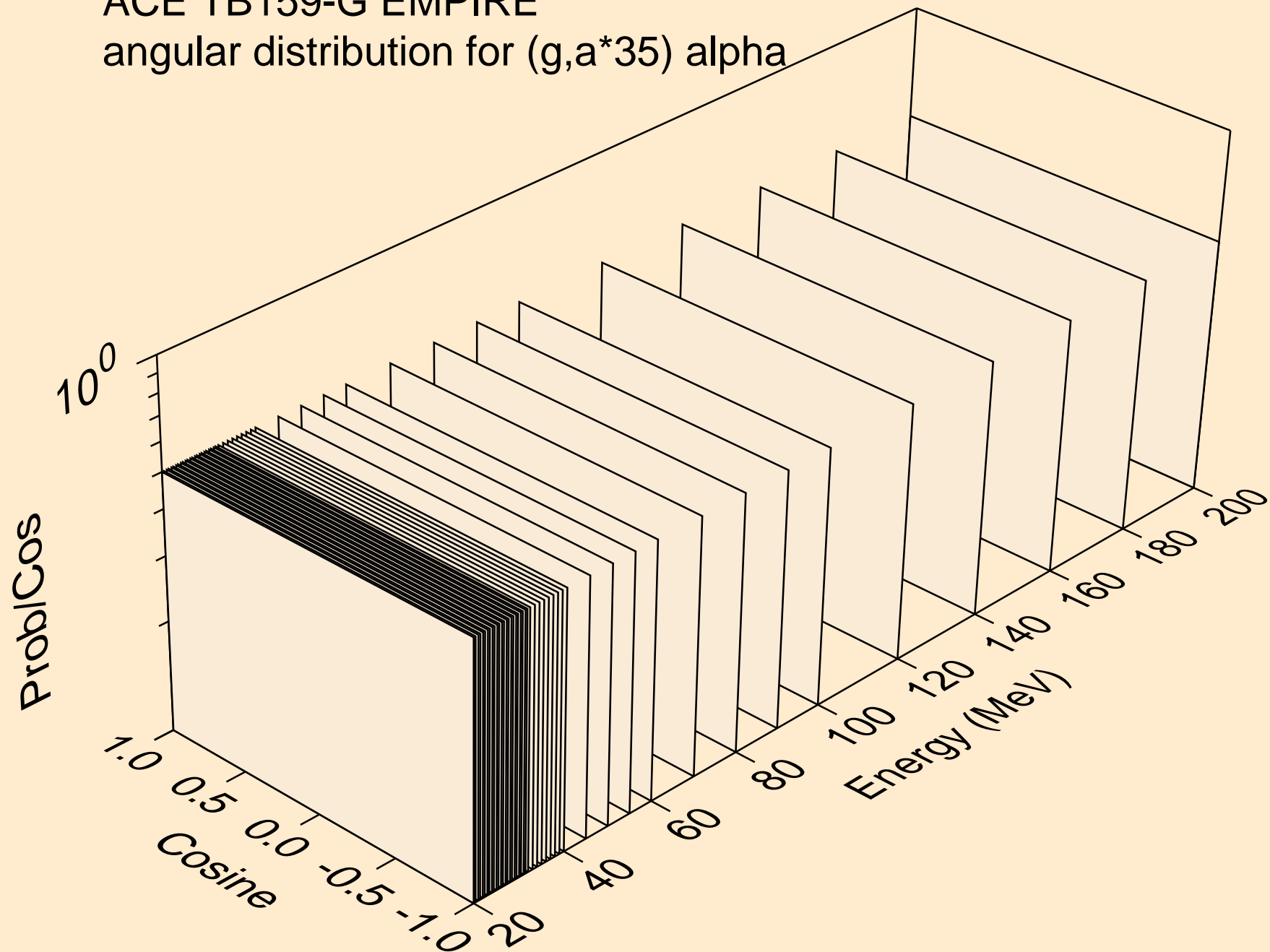
ACE TB159-G EMPIRE  
angular distribution for (g,a\*34) alpha



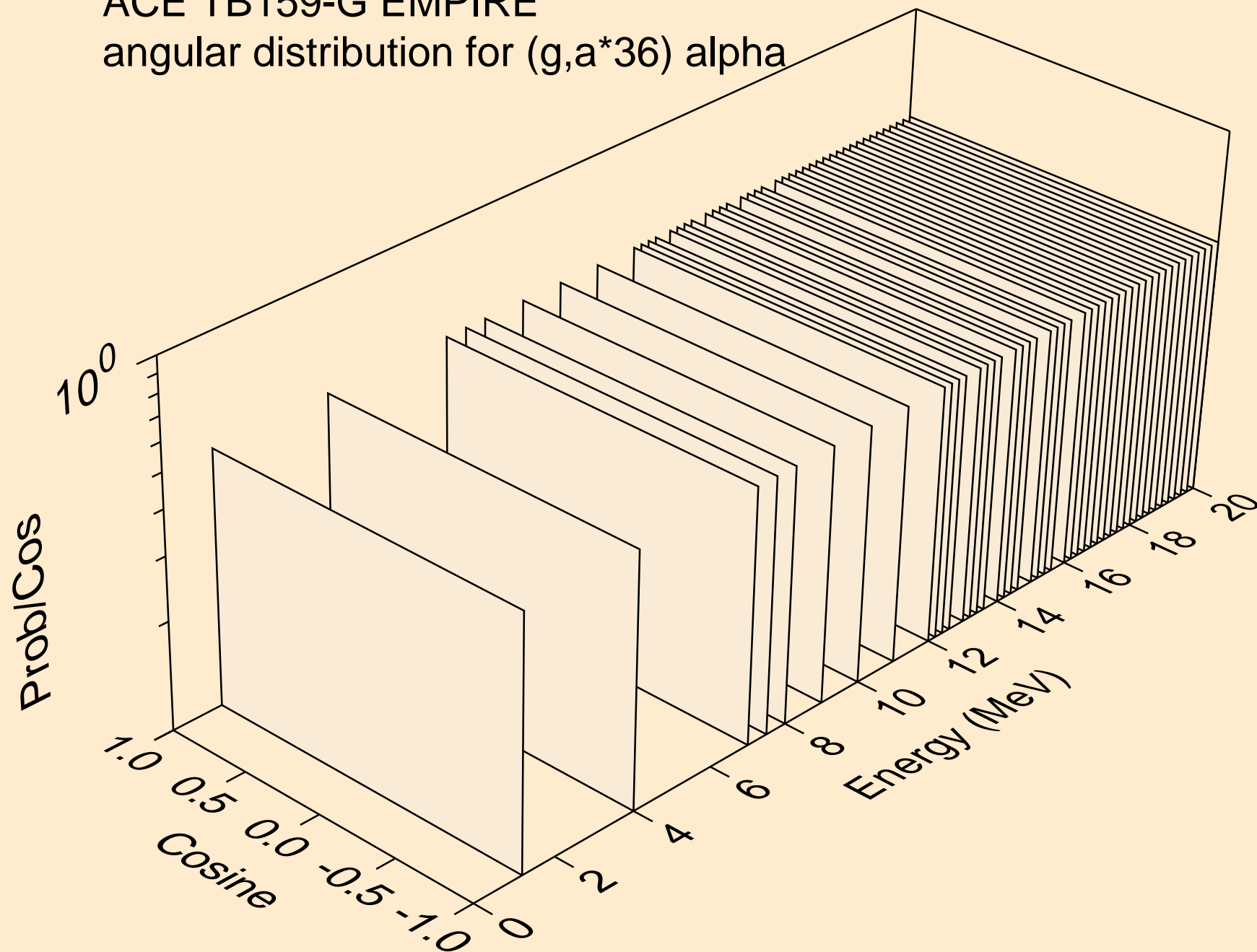
ACE TB159-G EMPIRE  
angular distribution for (g,a\*35) alpha



ACE TB159-G EMPIRE  
angular distribution for (g,a\*35) alpha

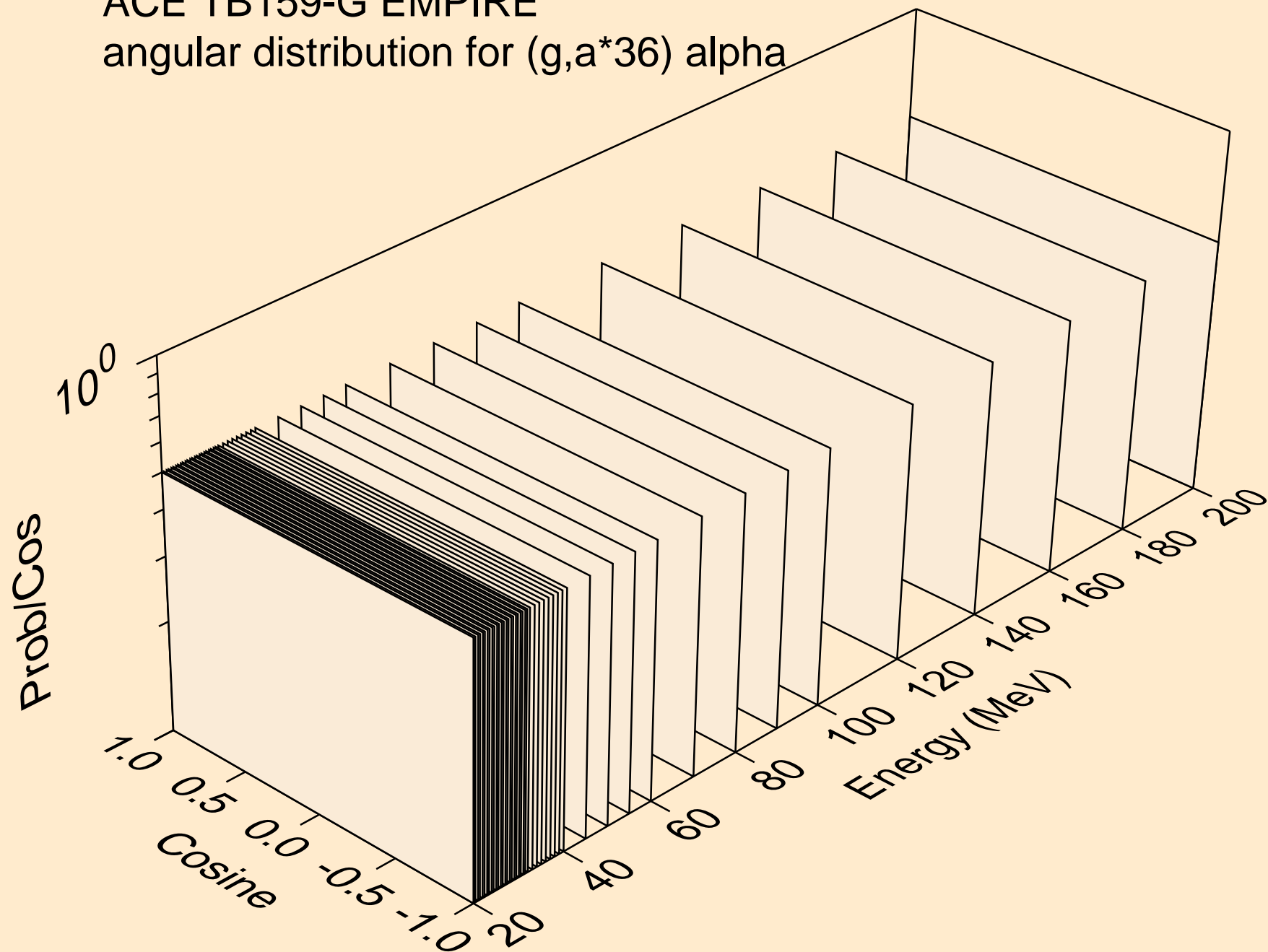


ACE TB159-G EMPIRE  
angular distribution for (g,a\*36) alpha

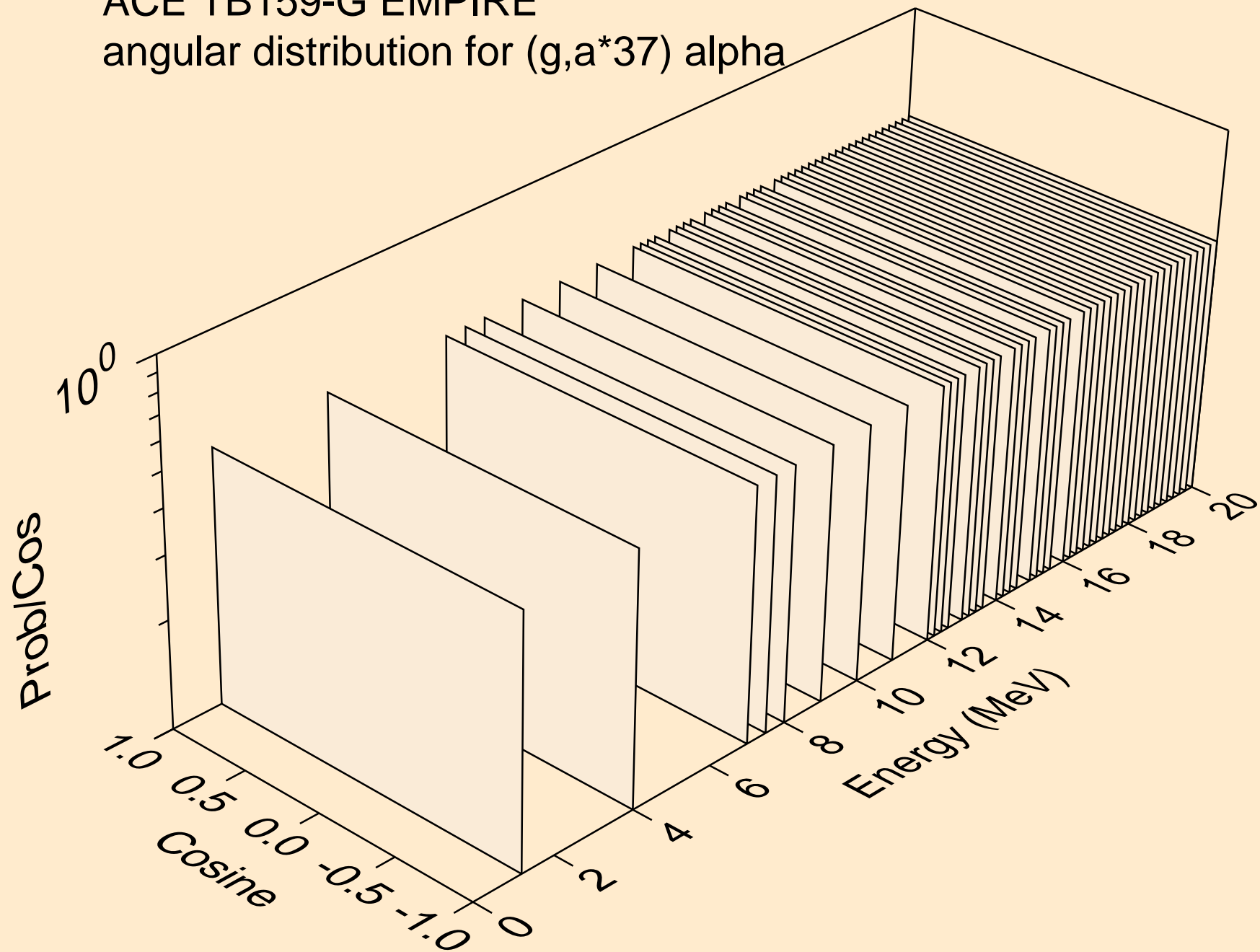




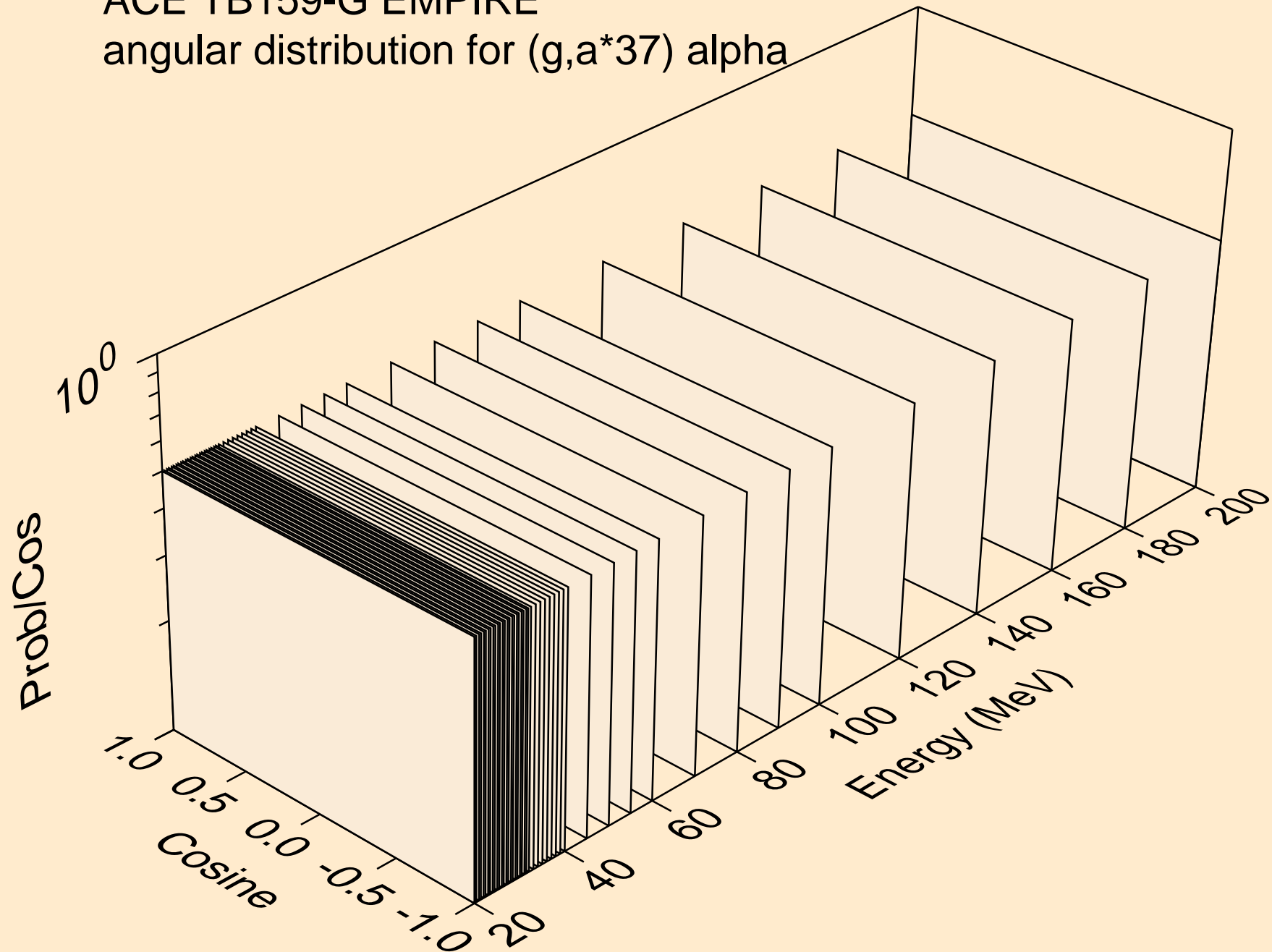
ACE TB159-G EMPIRE  
angular distribution for (g,a\*36) alpha



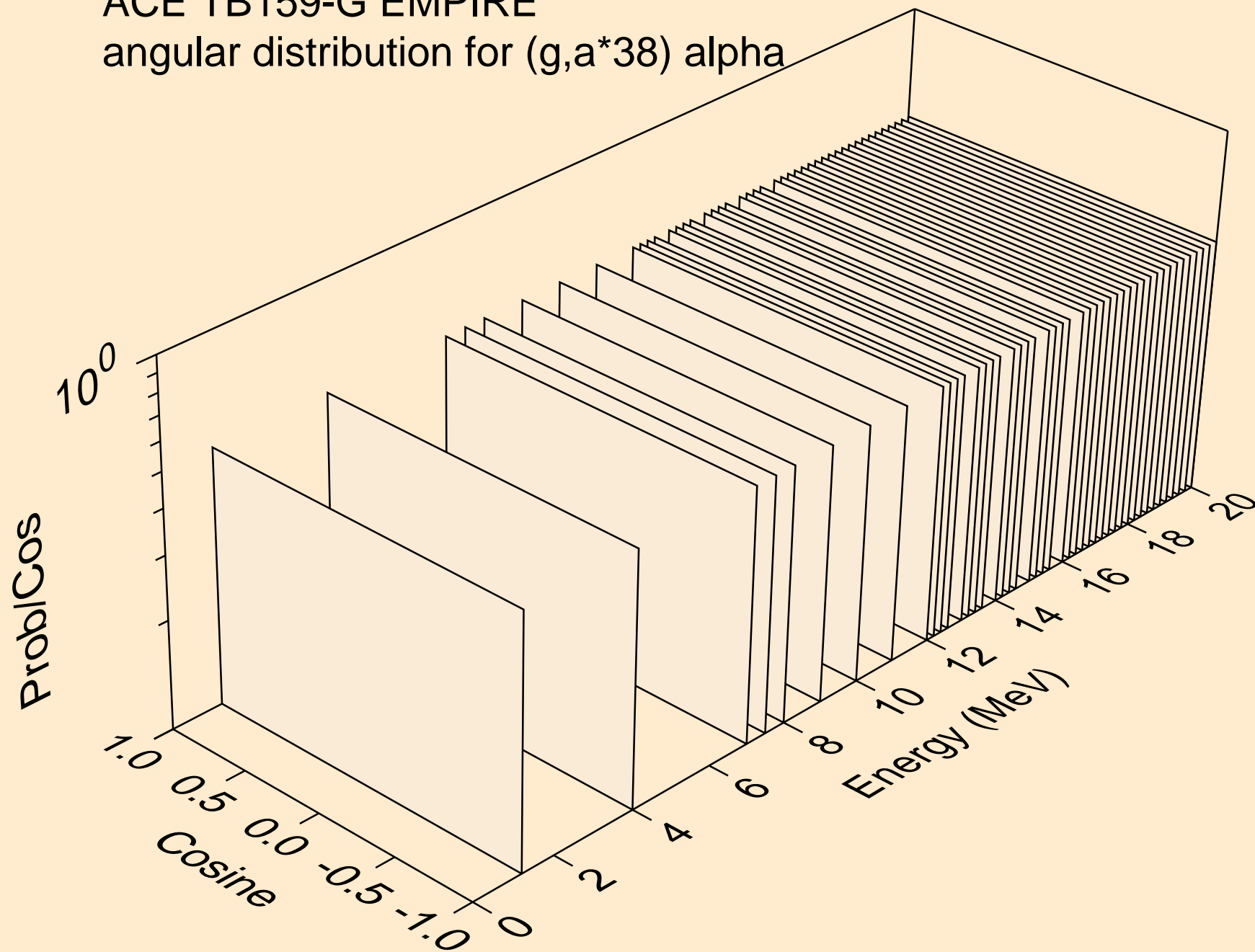
ACE TB159-G EMPIRE  
angular distribution for (g,a\*37) alpha



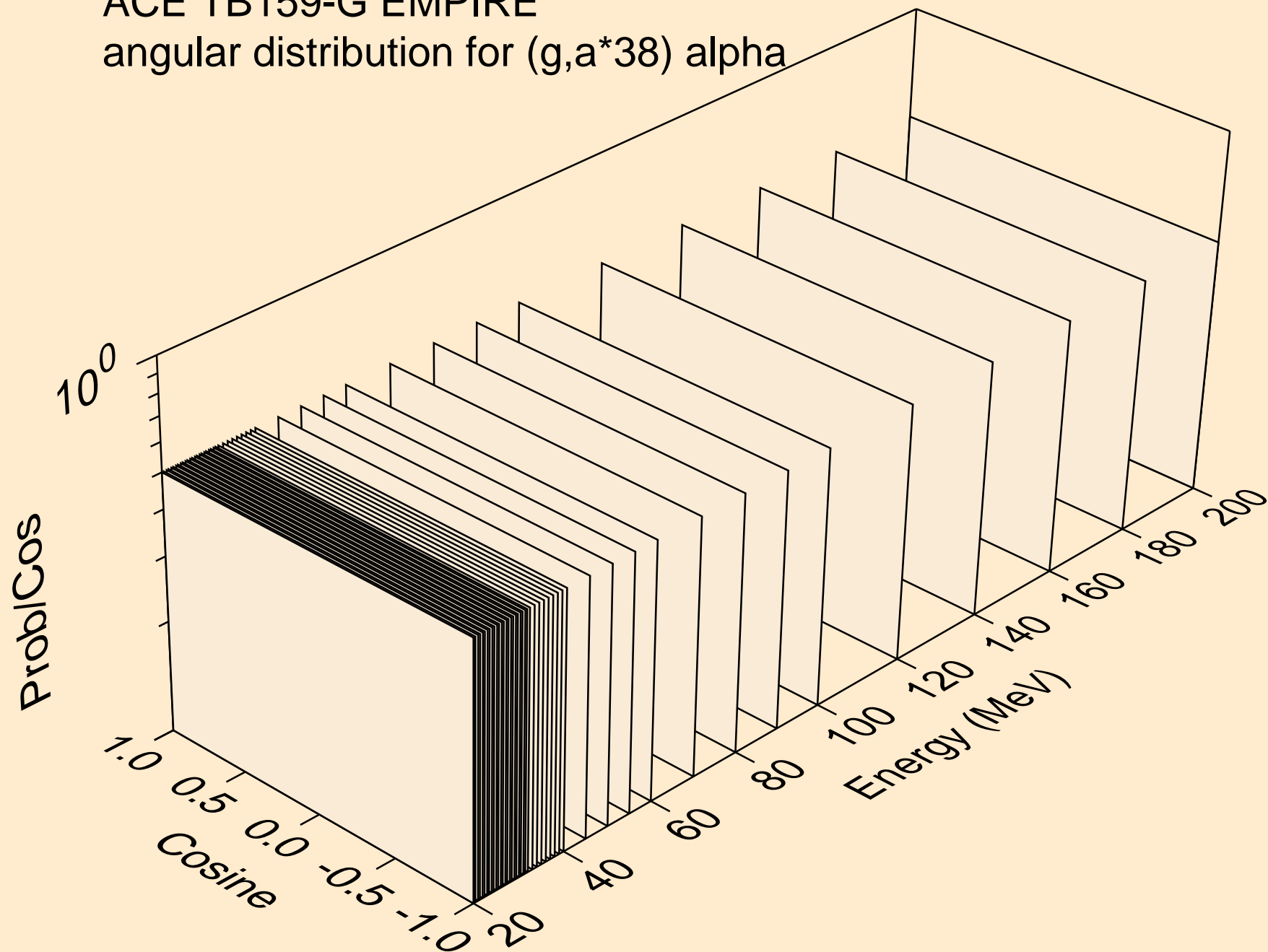
ACE TB159-G EMPIRE  
angular distribution for (g,a\*37) alpha



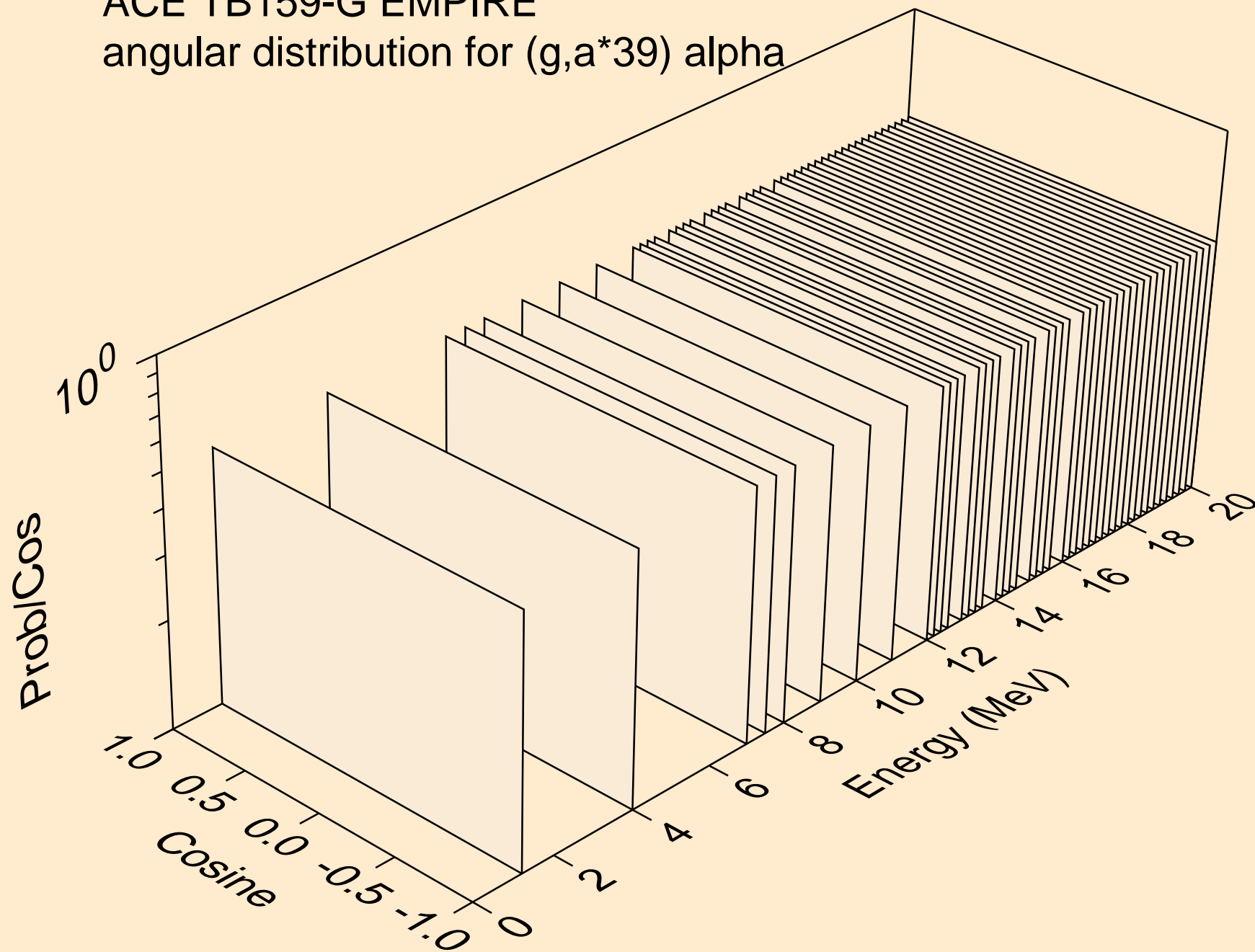
ACE TB159-G EMPIRE  
angular distribution for (g,a\*38) alpha



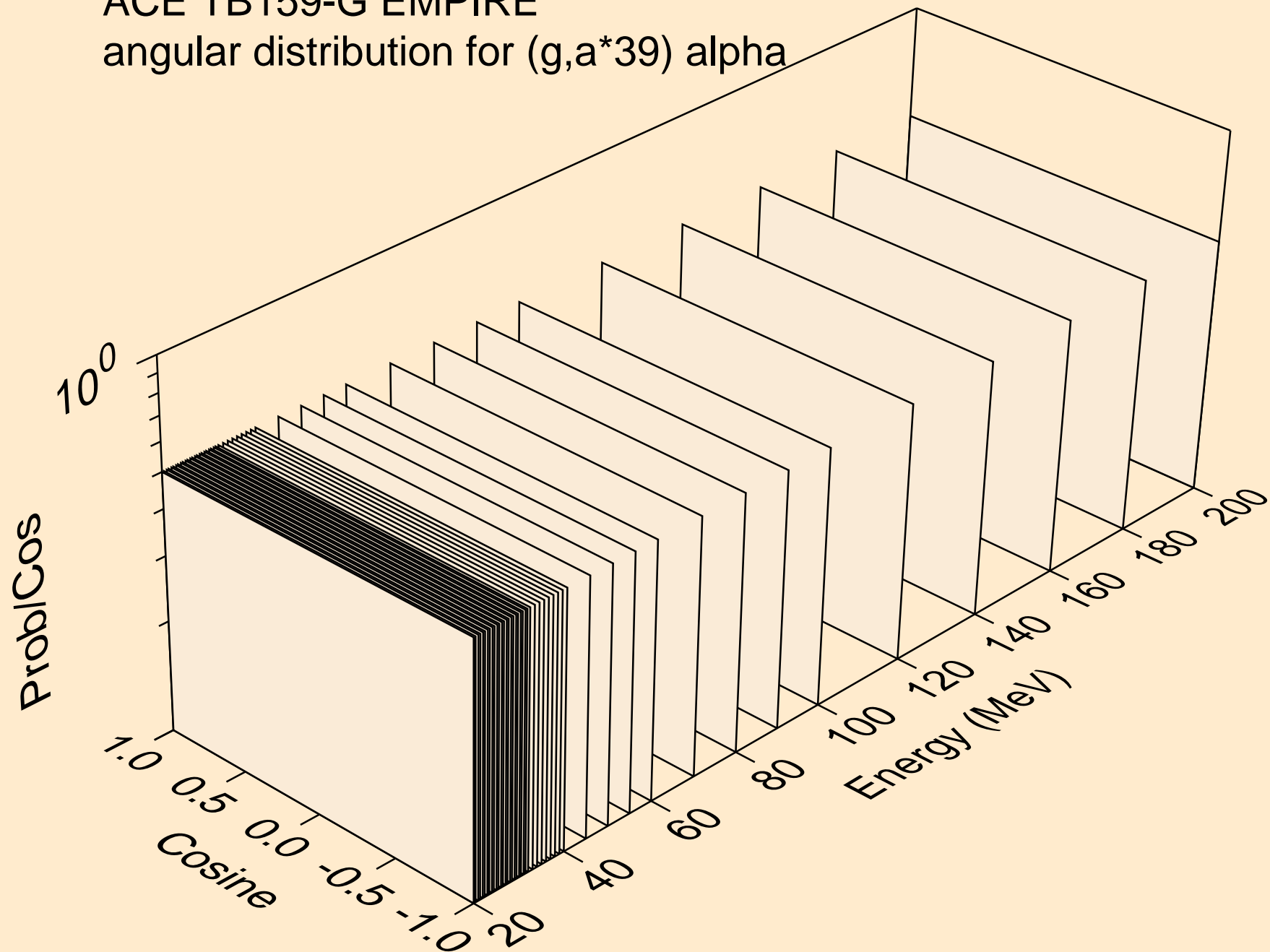
ACE TB159-G EMPIRE  
angular distribution for (g,a\*38) alpha



ACE TB159-G EMPIRE  
angular distribution for (g,a\*39) alpha



ACE TB159-G EMPIRE  
angular distribution for (g,a\*39) alpha



ACE TB159-G EMPIRE  
alphas from (g,a\*c)

