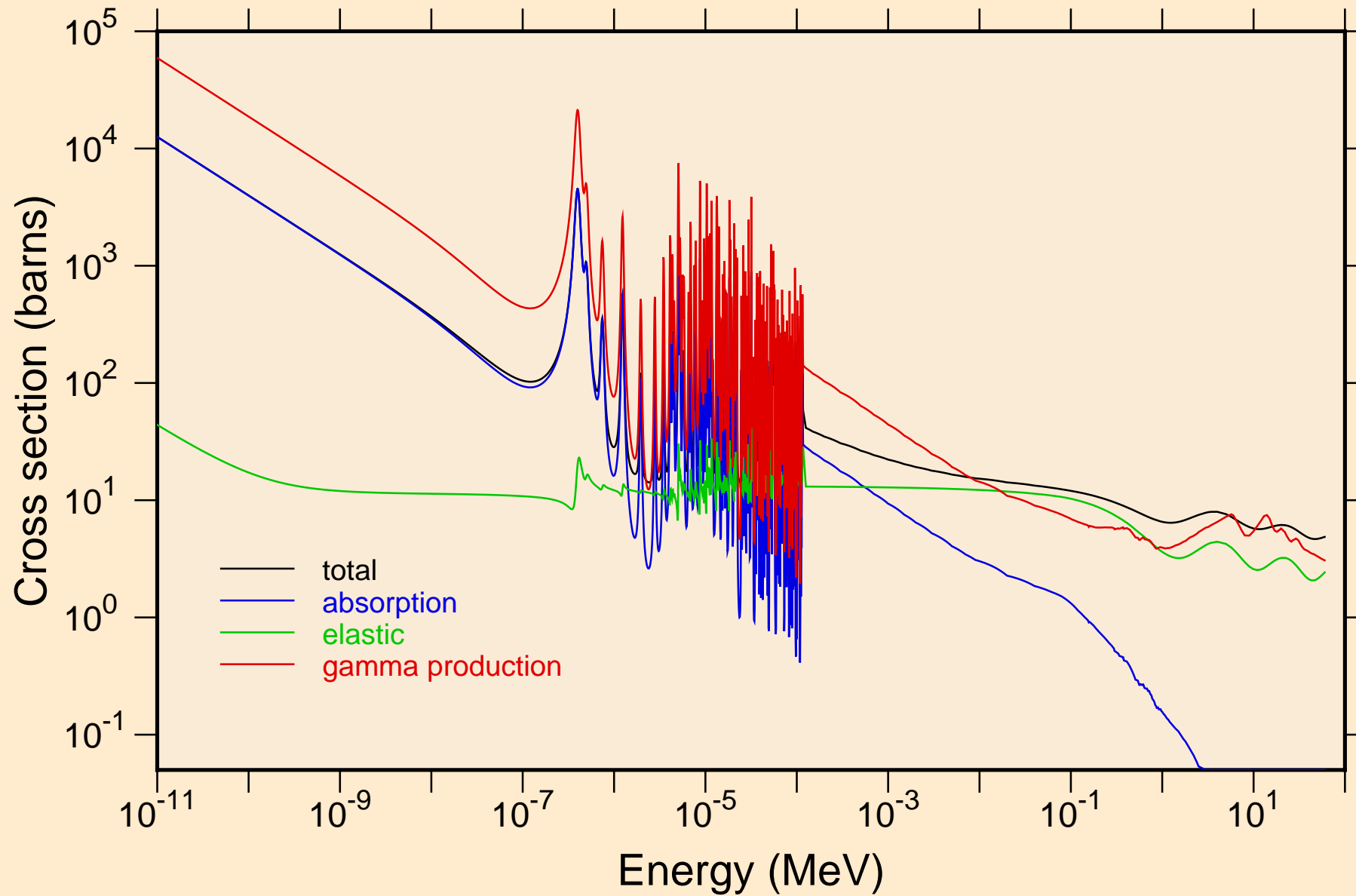
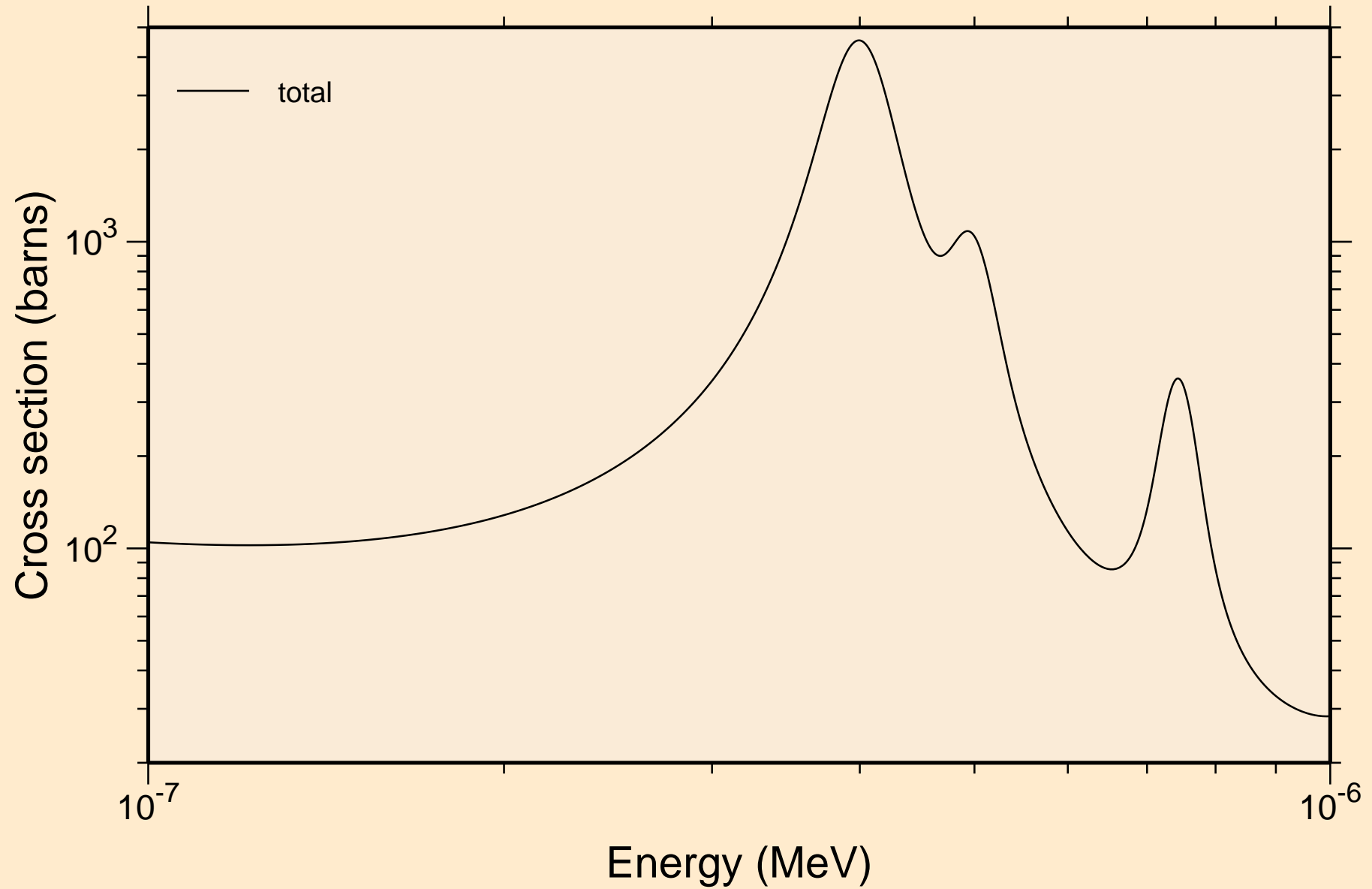


VALIDATE PA-231 FROM INDL

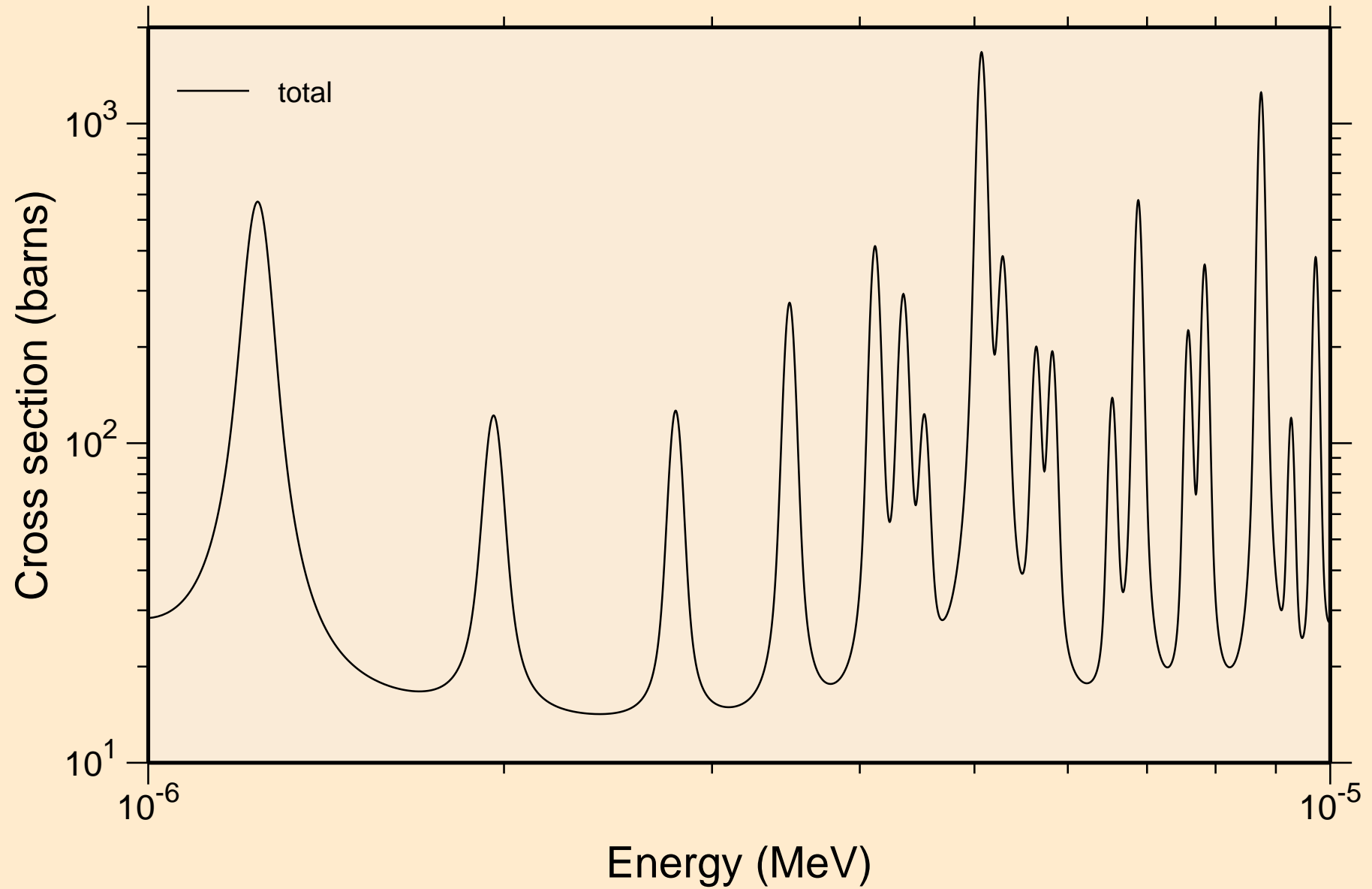
Principal cross sections



VALIDATE PA-231 FROM INDL
resonance total cross section

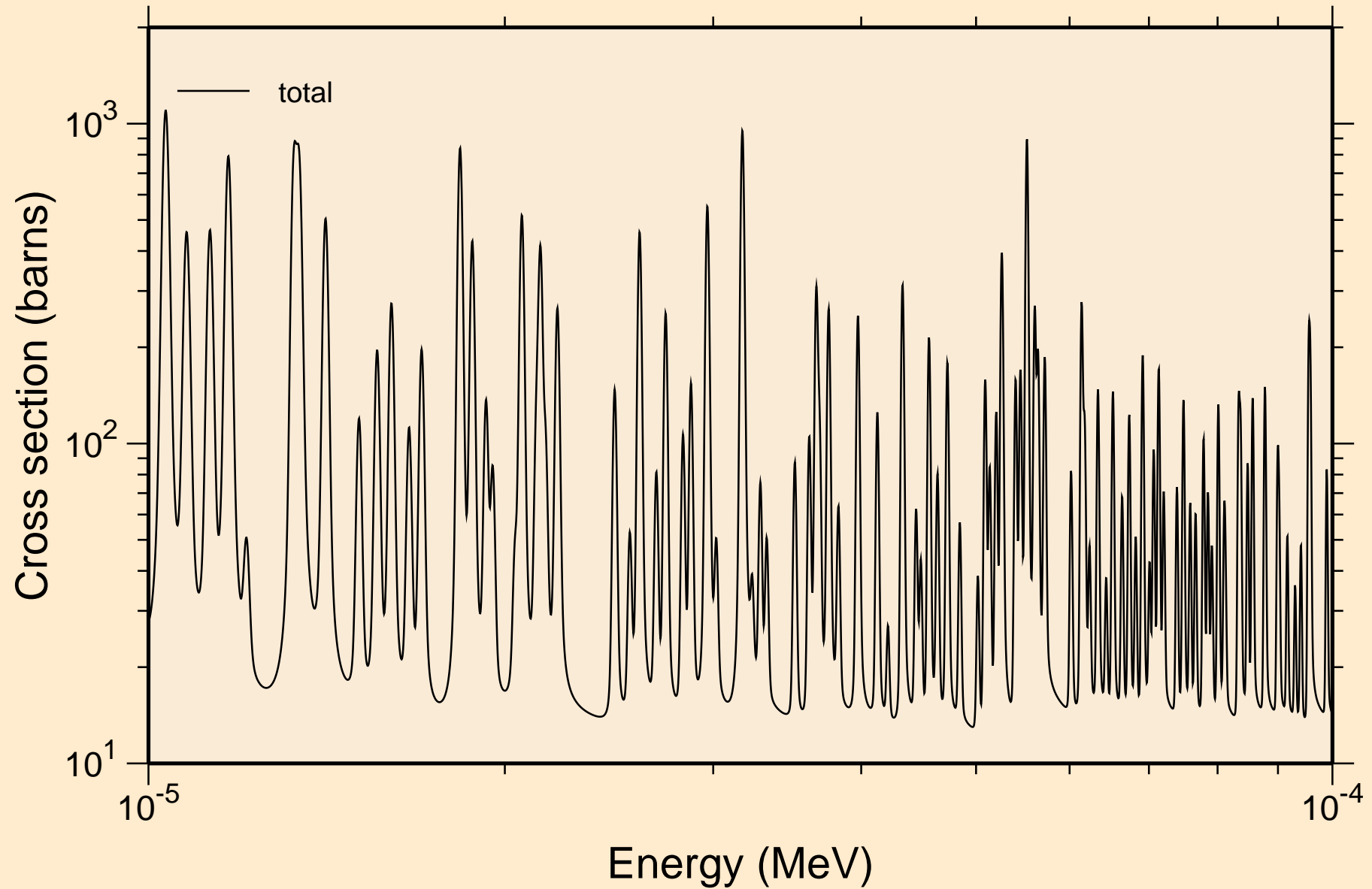


VALIDATE PA-231 FROM INDL
resonance total cross section

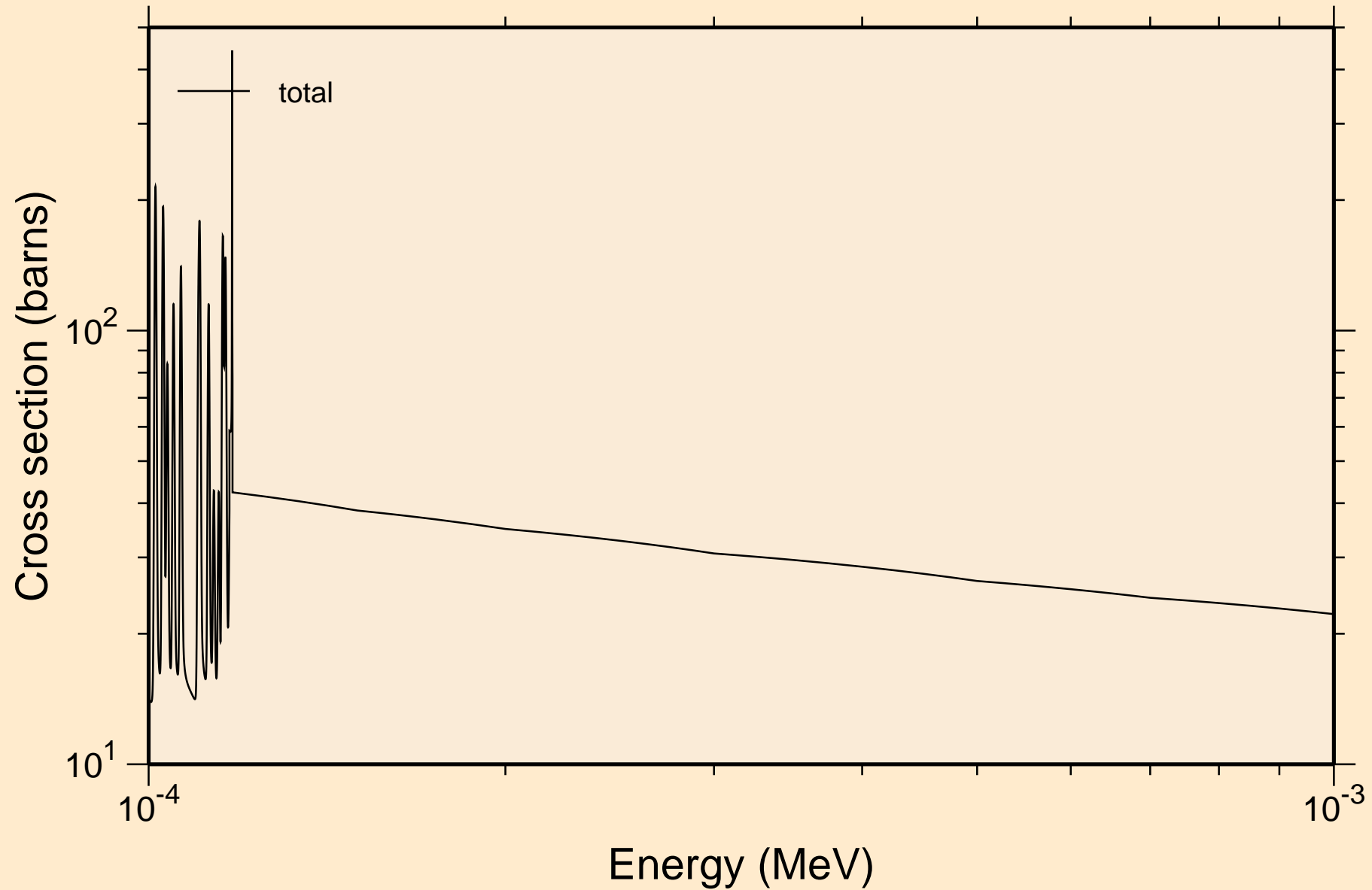


VALIDATE PA-231 FROM INDL

resonance total cross section

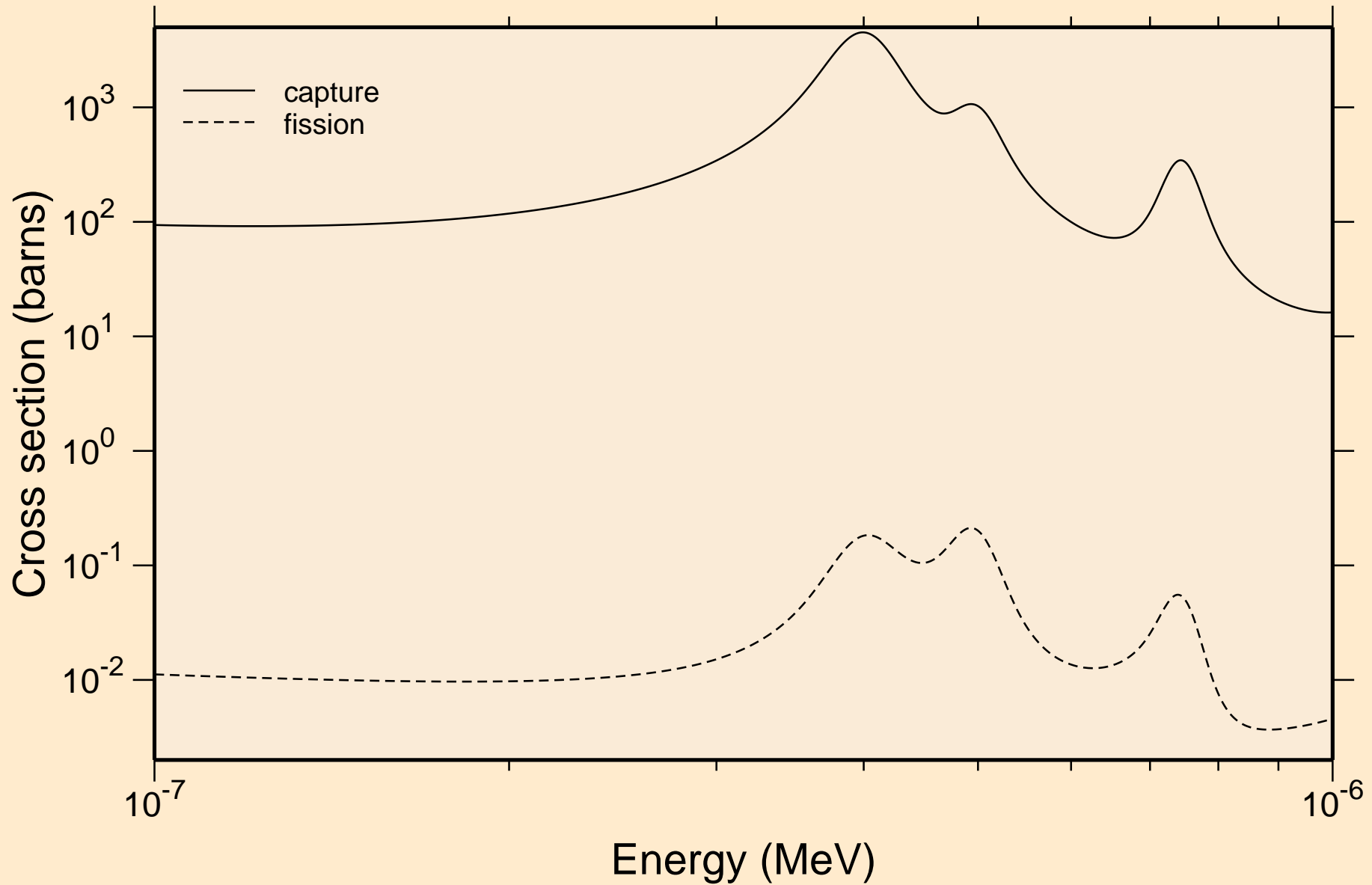


VALIDATE PA-231 FROM INDL
resonance total cross section



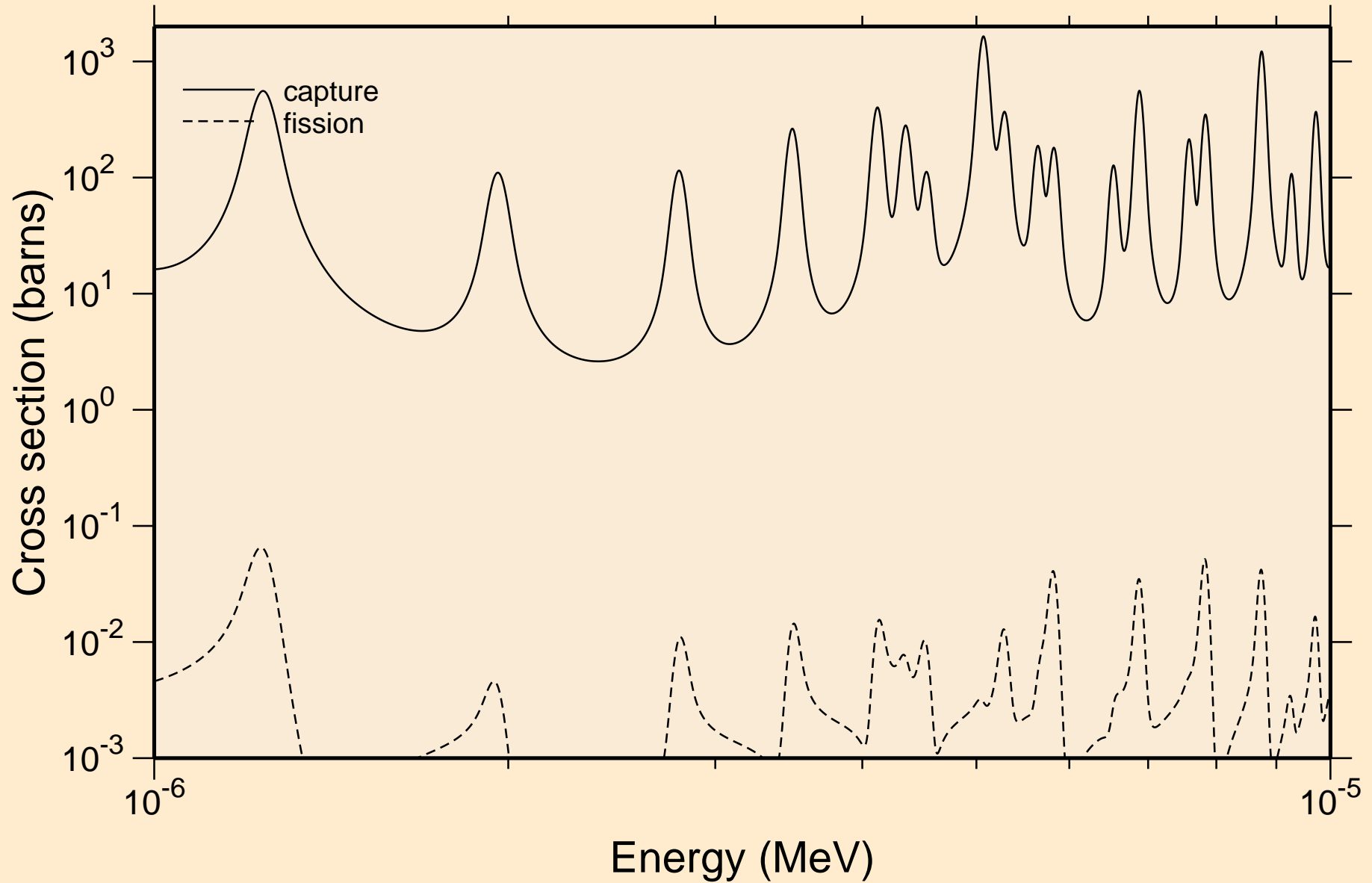
VALIDATE PA-231 FROM INDL

resonance absorption cross sections



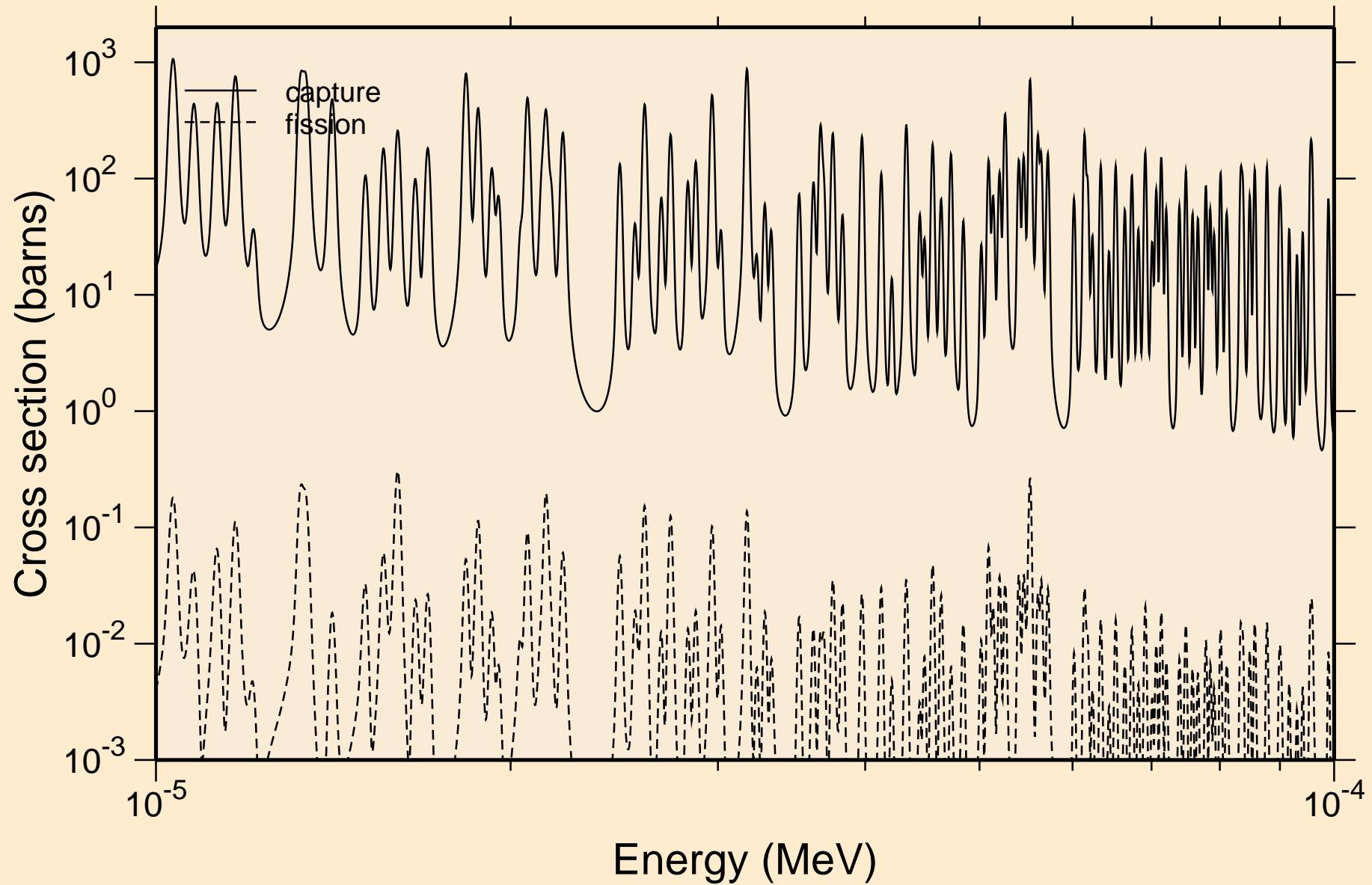
VALIDATE PA-231 FROM INDL

resonance absorption cross sections



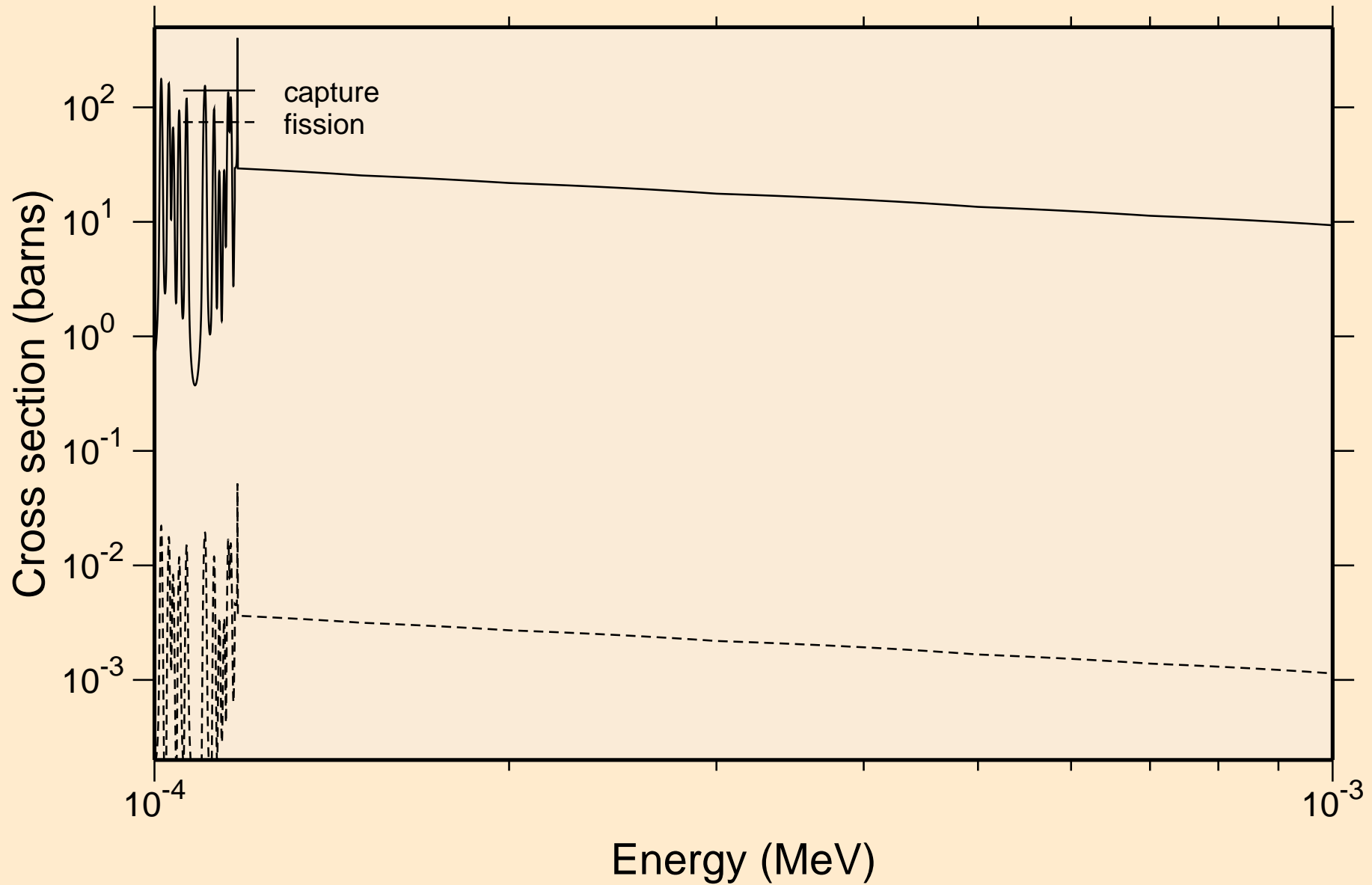
VALIDATE PA-231 FROM INDL

resonance absorption cross sections



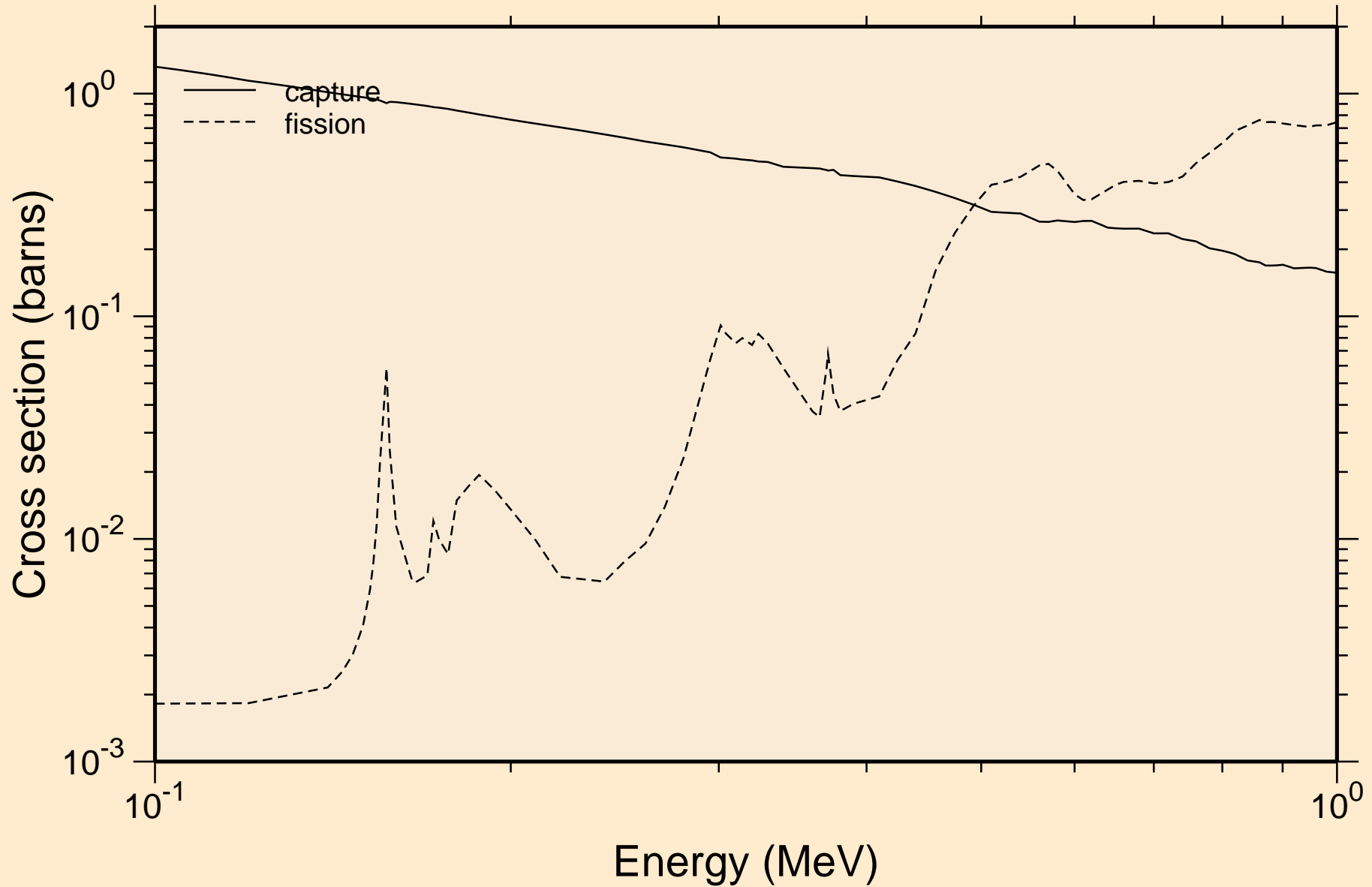
VALIDATE PA-231 FROM INDL

resonance absorption cross sections



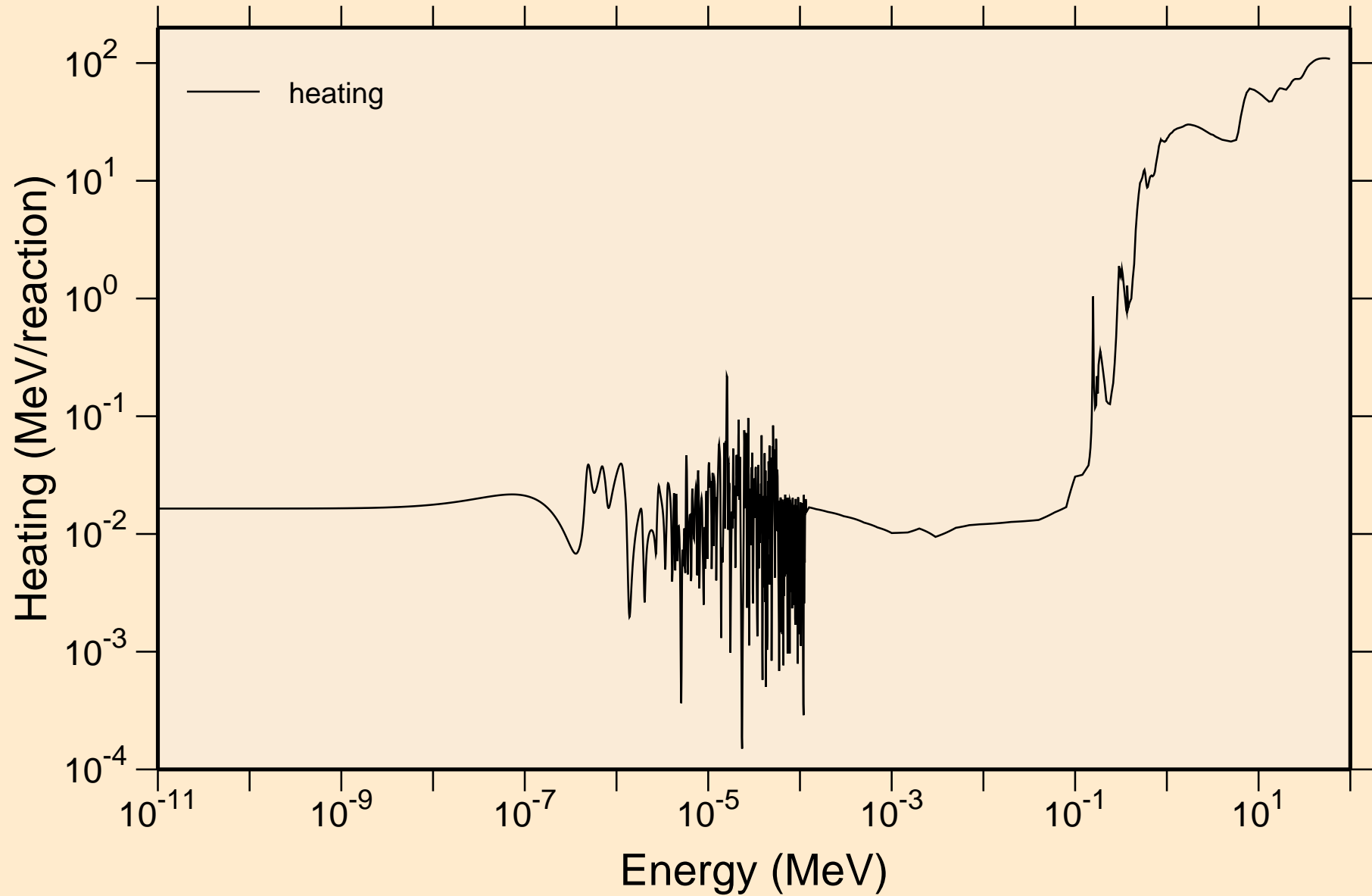
VALIDATE PA-231 FROM INDL

resonance absorption cross sections



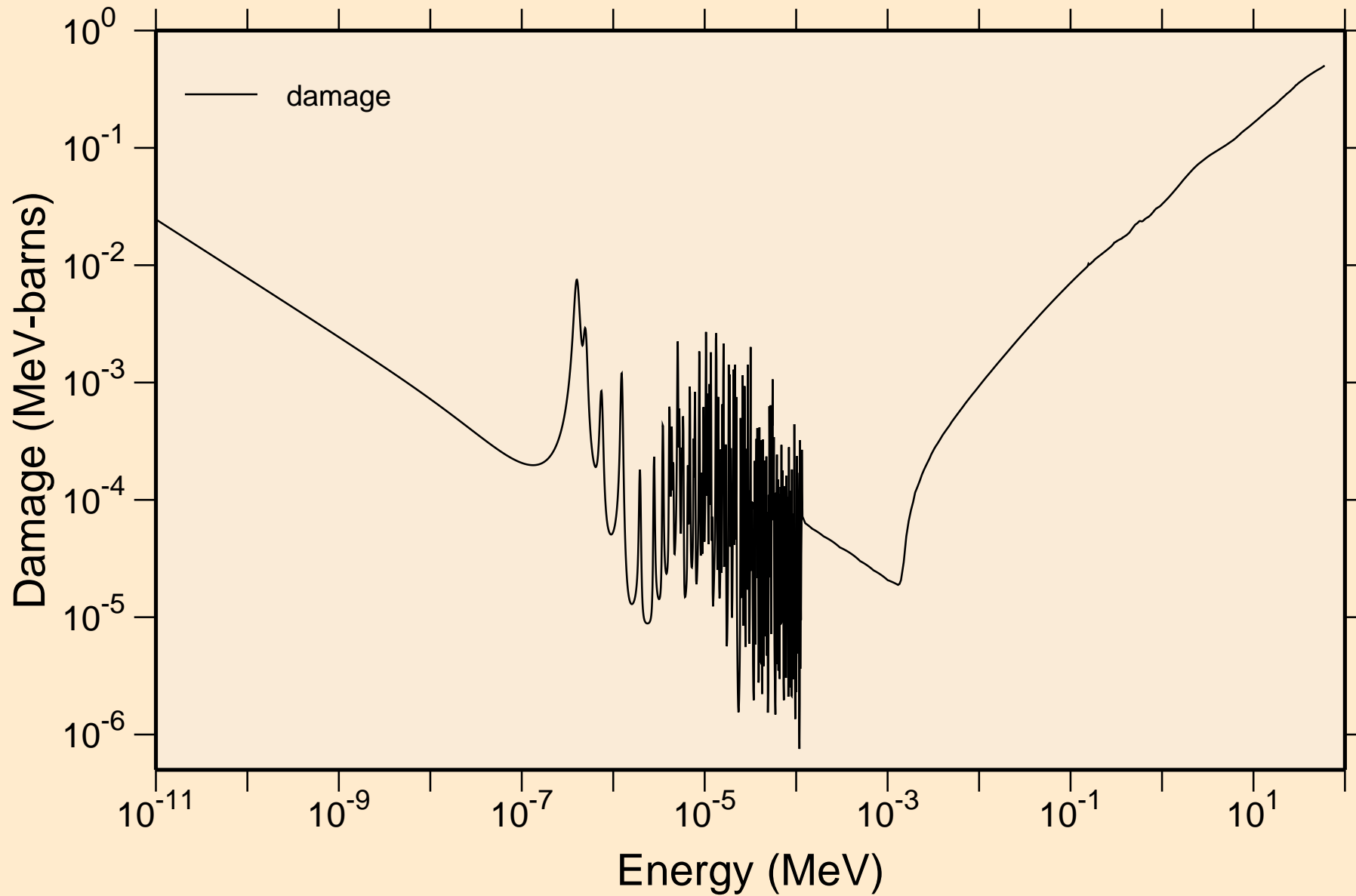
VALIDATE PA-231 FROM INDL

Heating



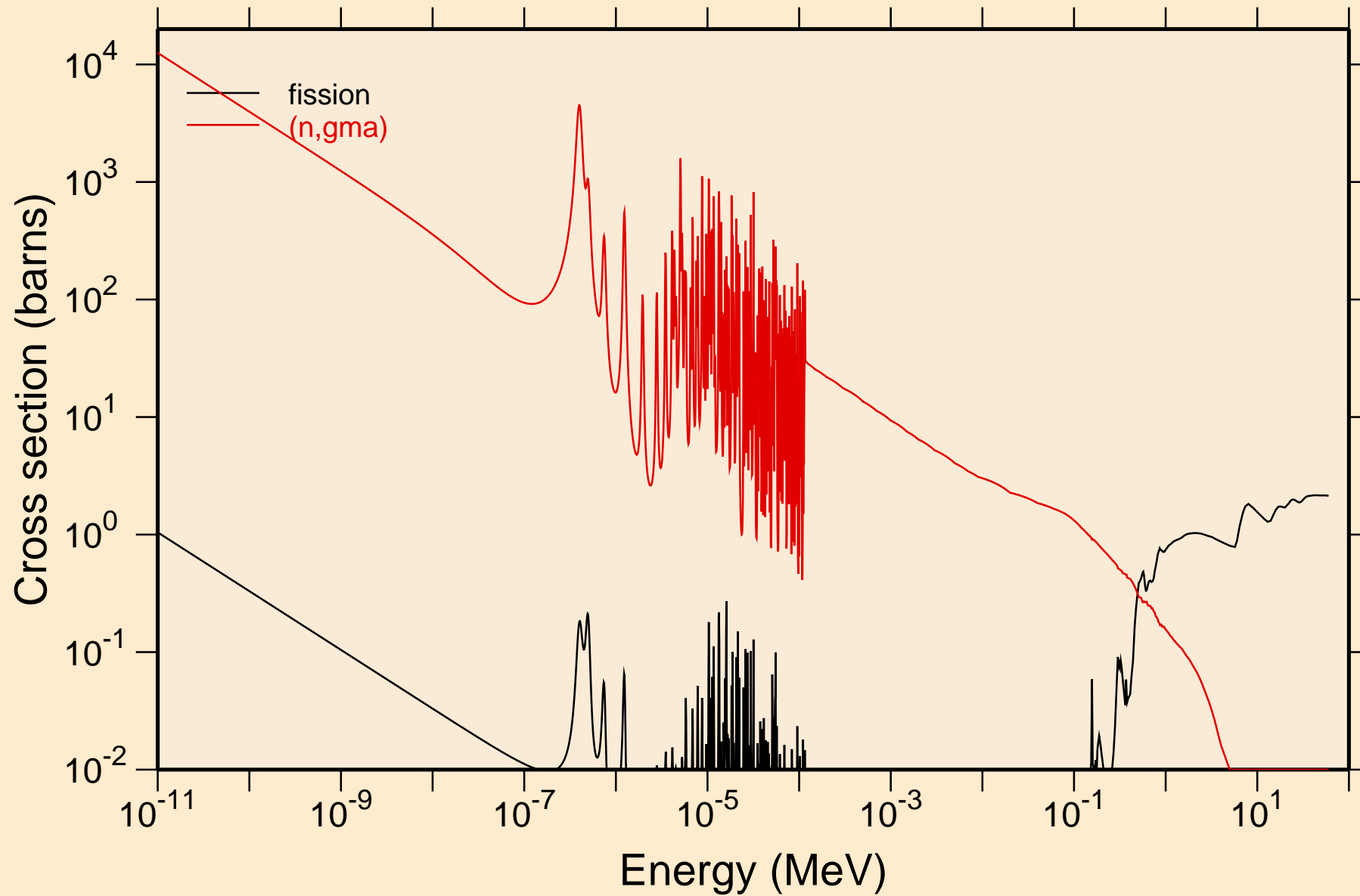
VALIDATE PA-231 FROM INDL

Damage



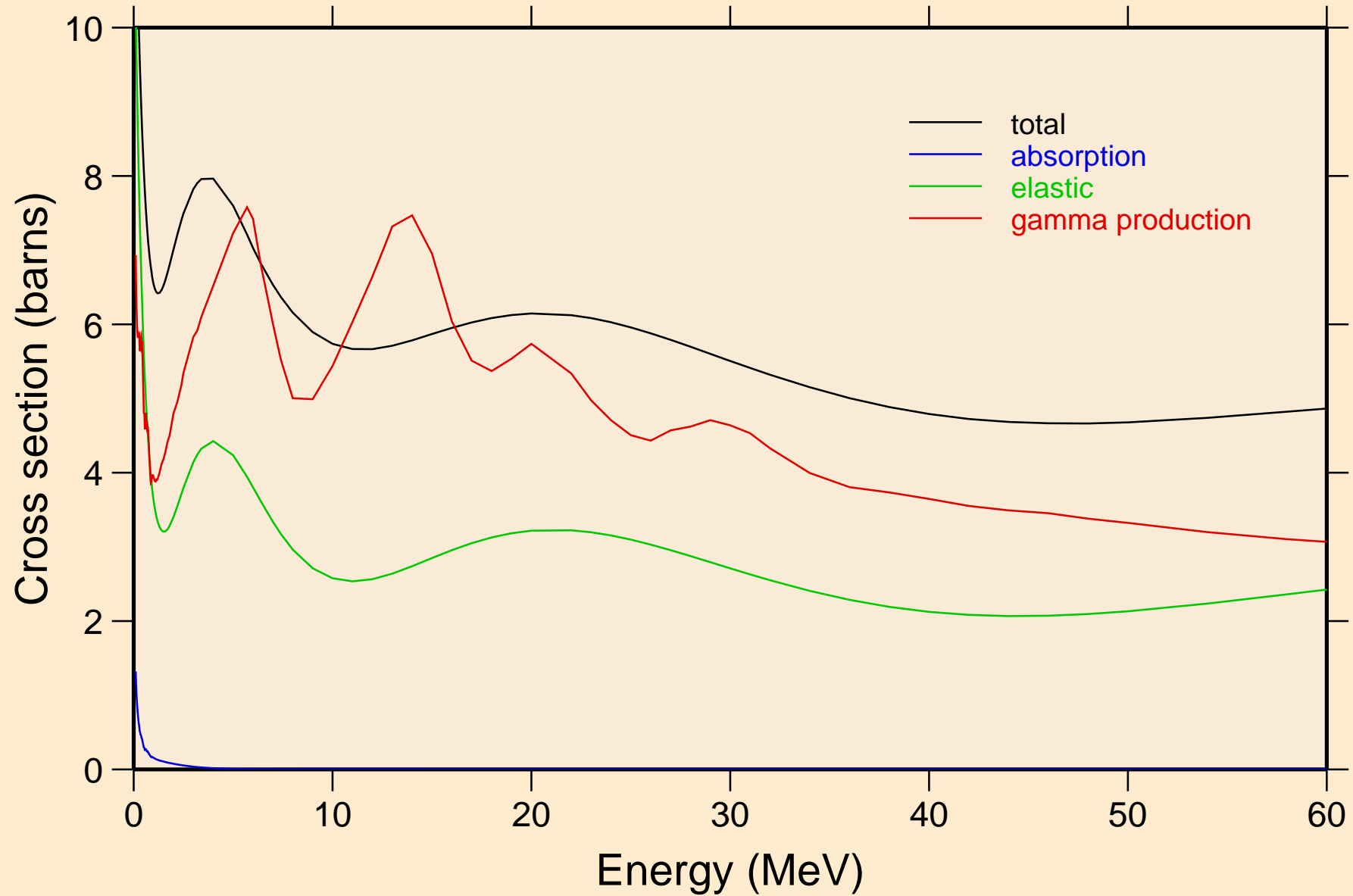
VALIDATE PA-231 FROM INDL

Non-threshold reactions



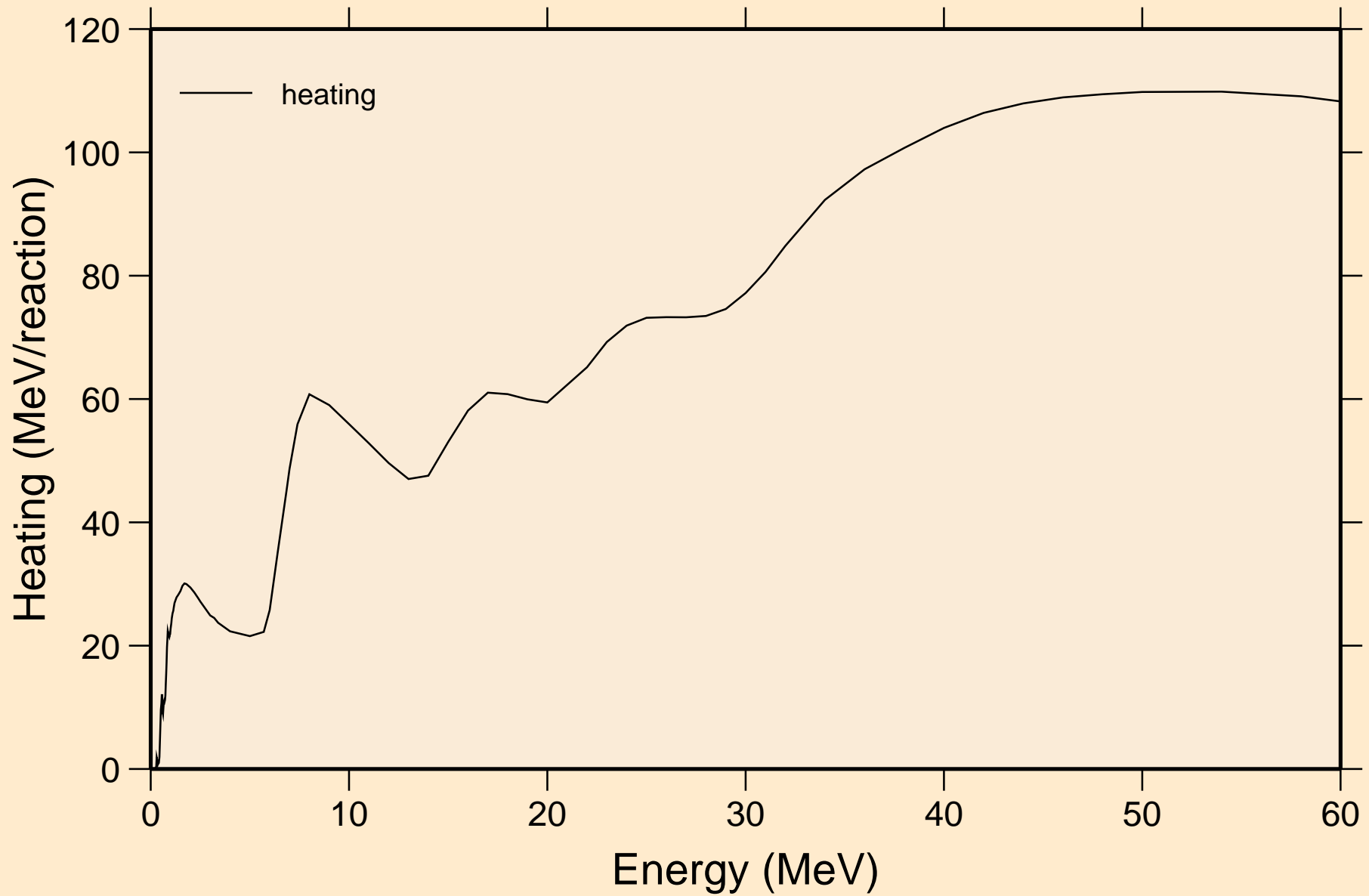
VALIDATE PA-231 FROM INDL

Principal cross sections



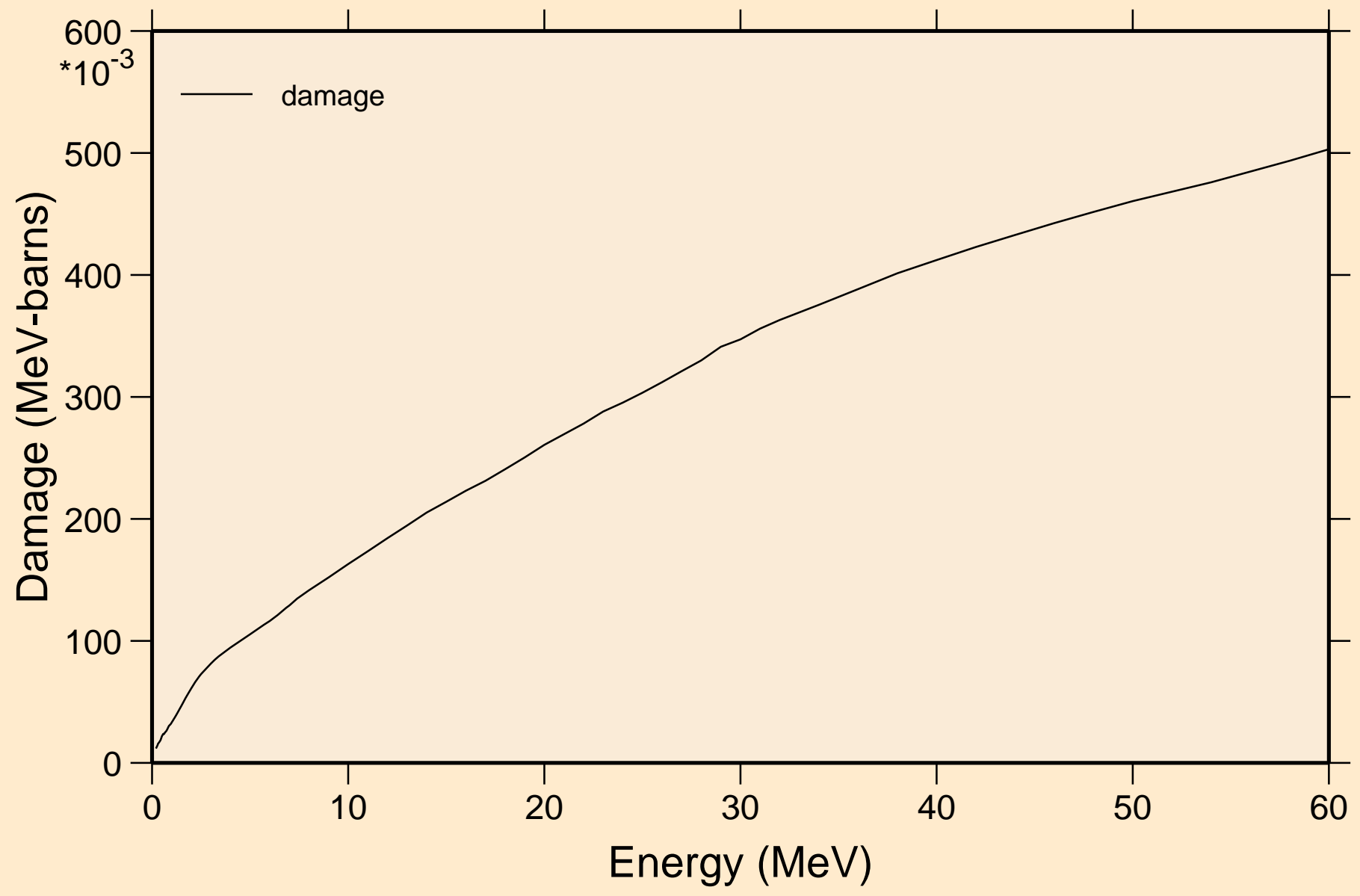
VALIDATE PA-231 FROM INDL

Heating



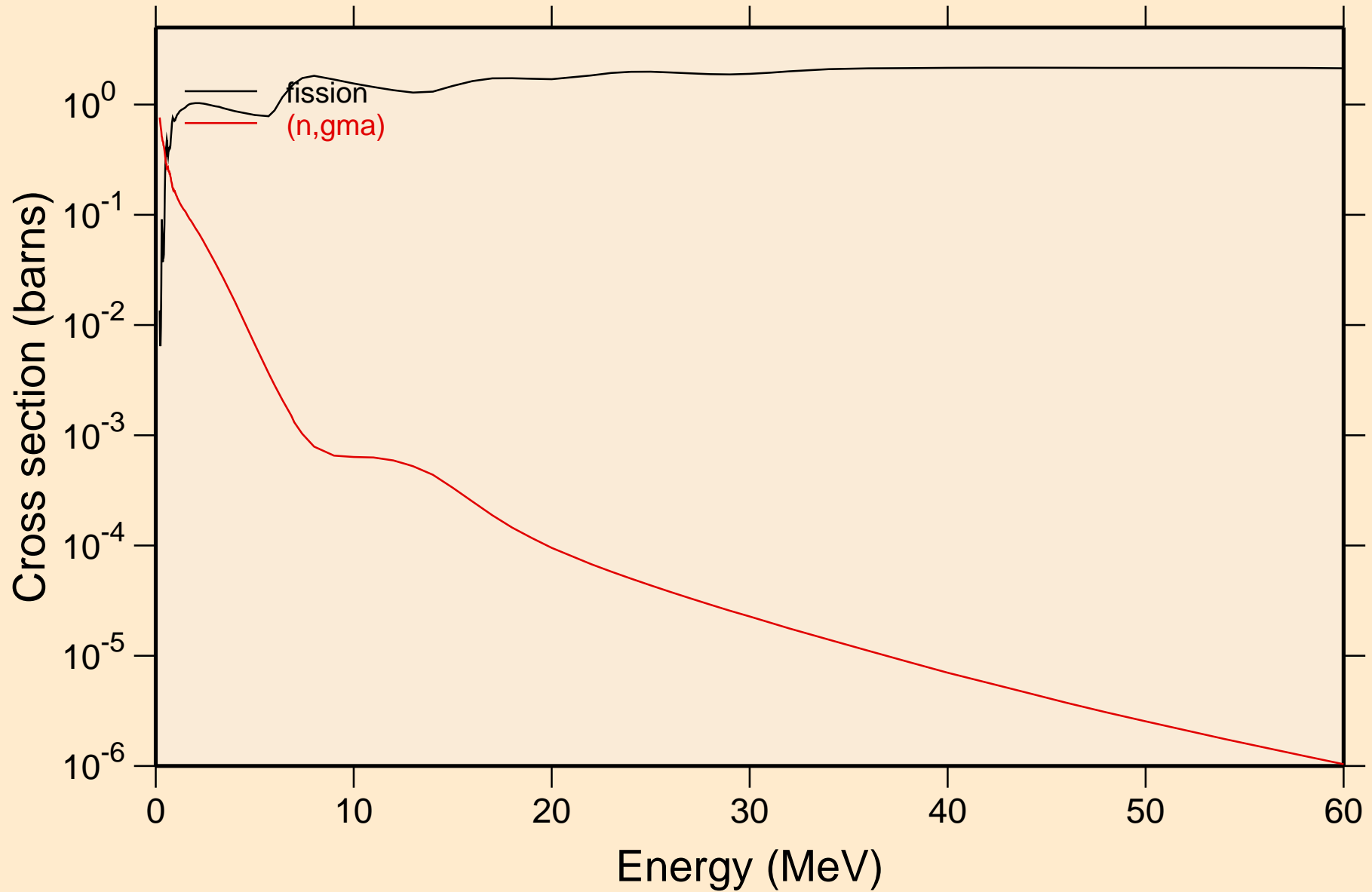
VALIDATE PA-231 FROM INDL

Damage



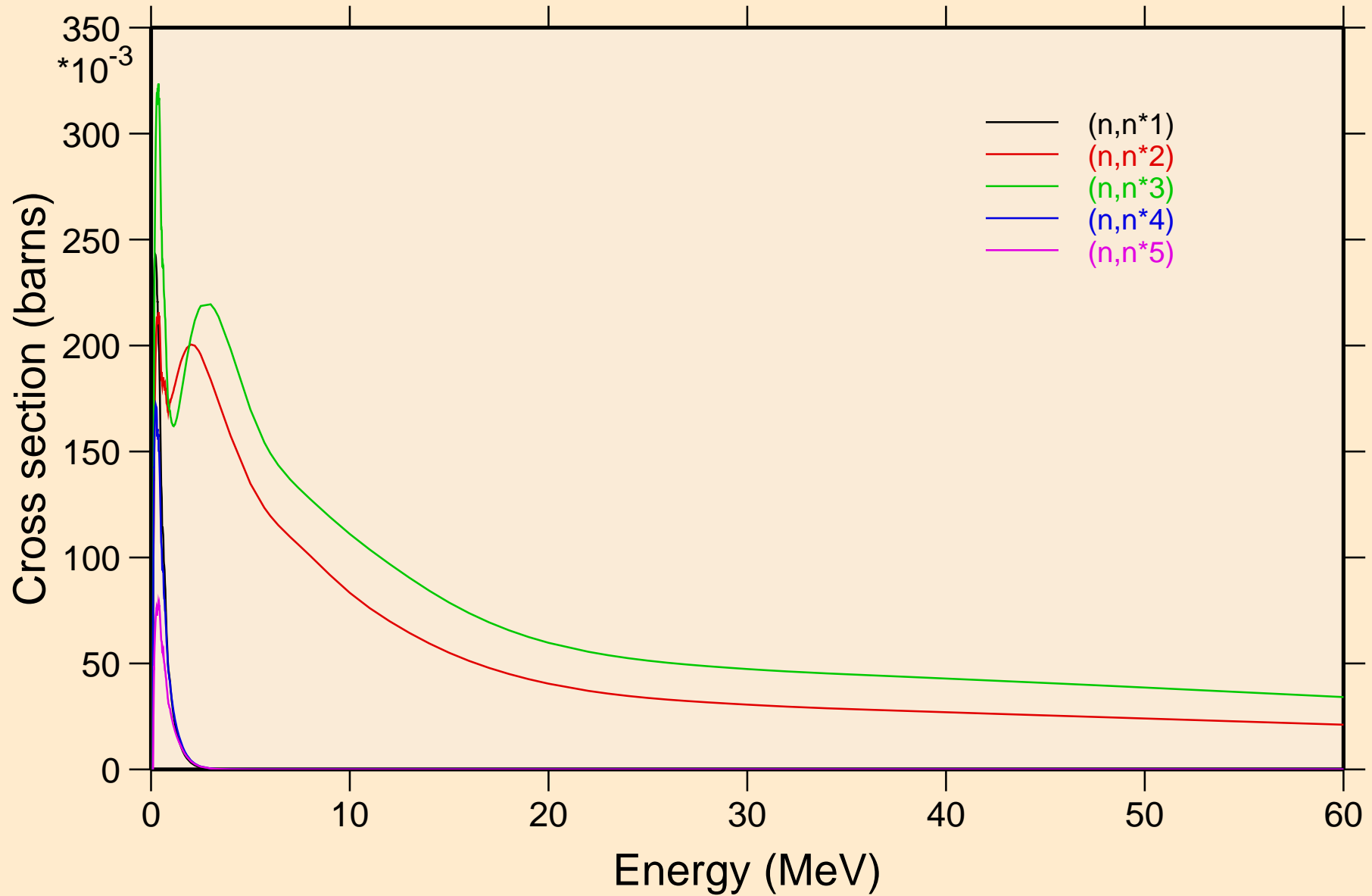
VALIDATE PA-231 FROM INDL

Non-threshold reactions



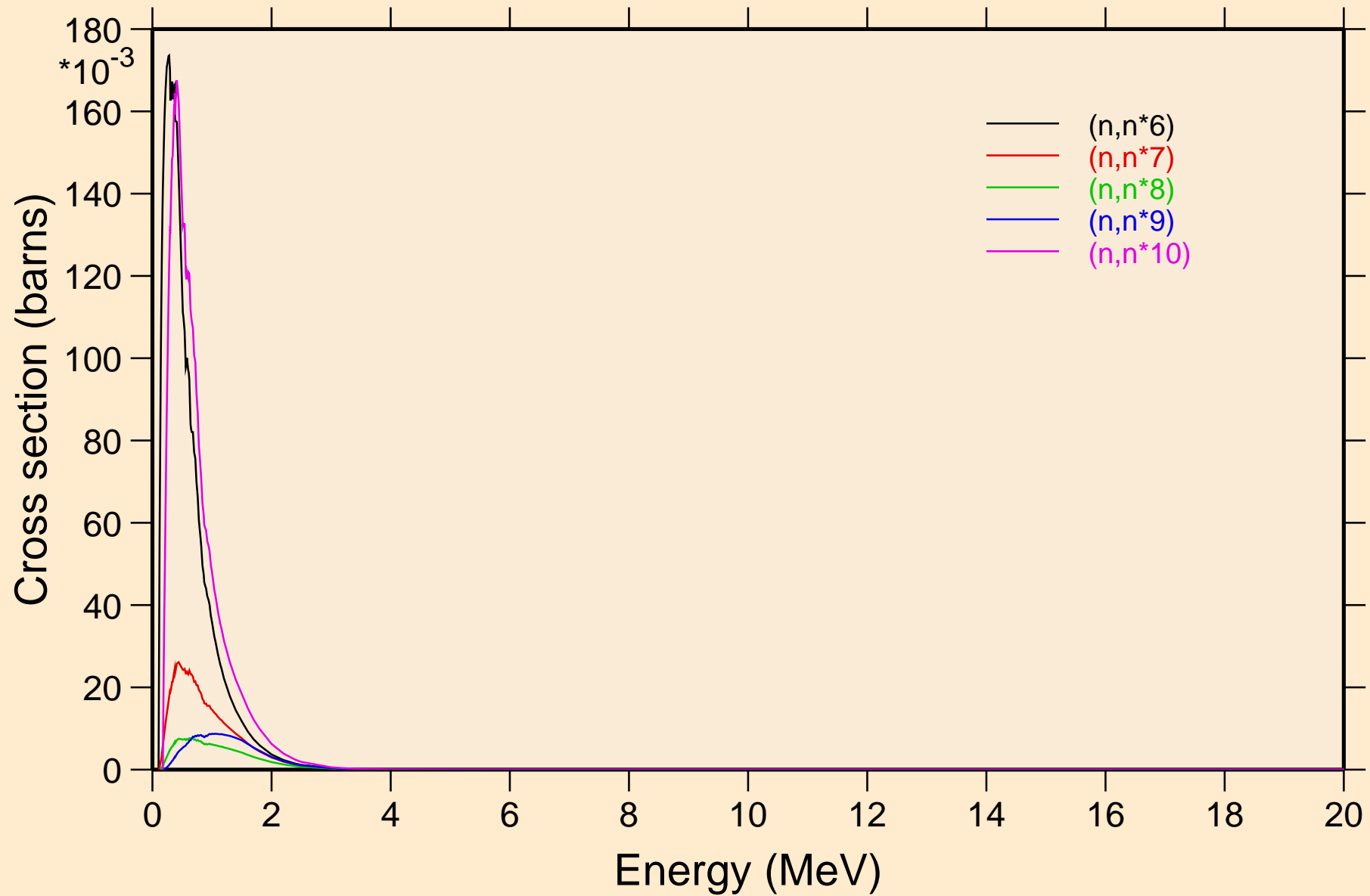
VALIDATE PA-231 FROM INDL

Inelastic levels



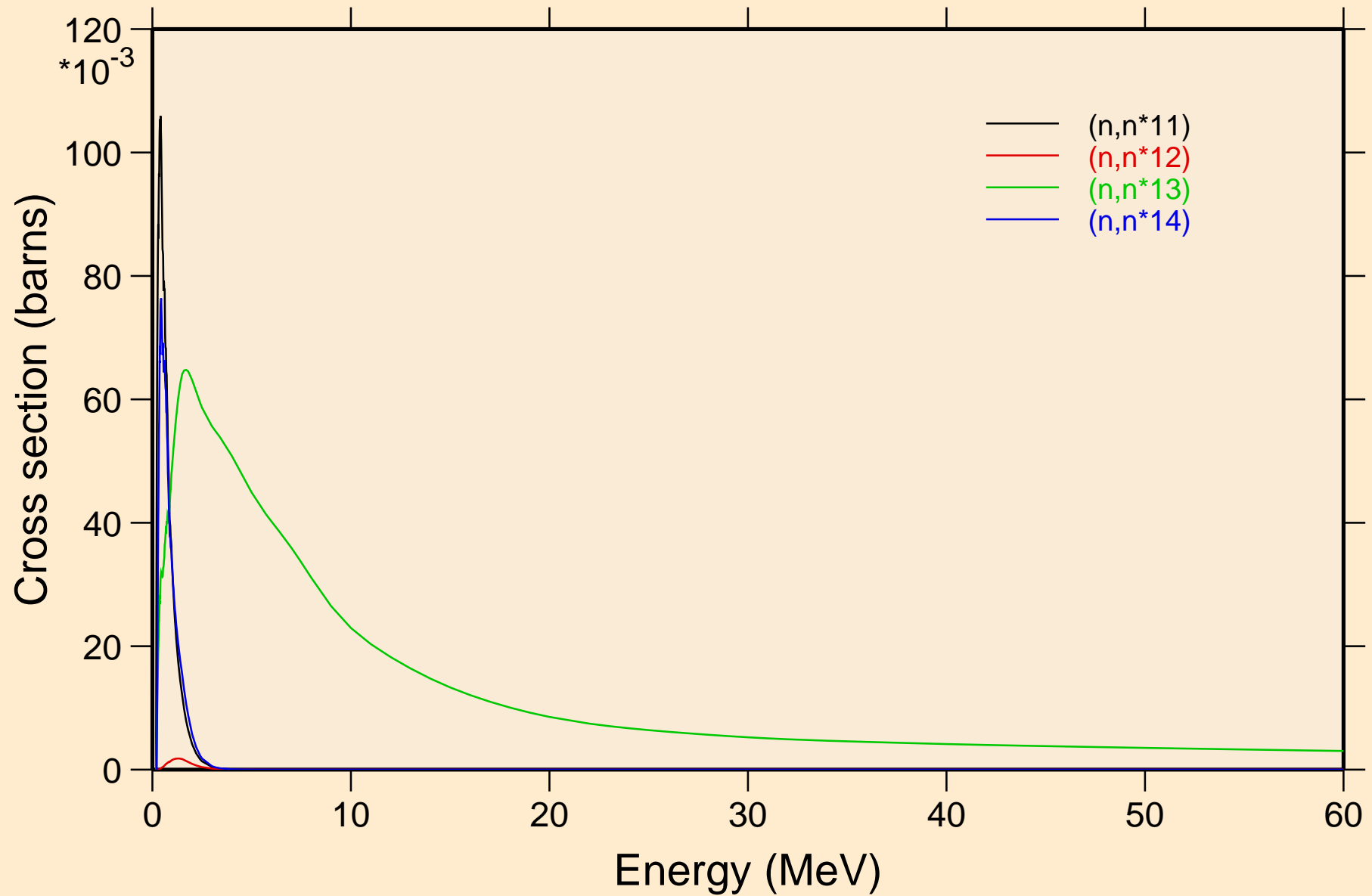
VALIDATE PA-231 FROM INDL

Inelastic levels



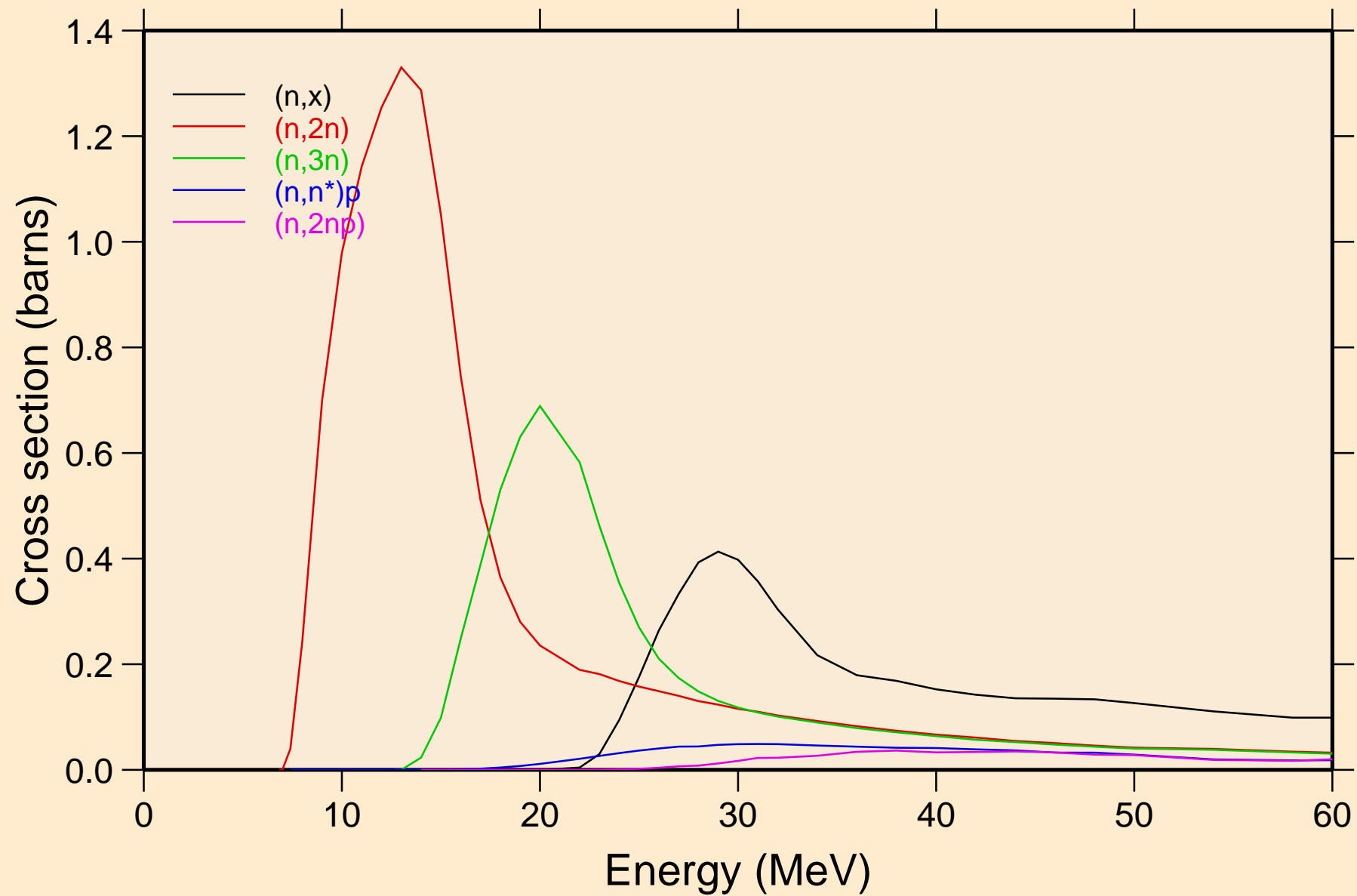
VALIDATE PA-231 FROM INDL

Inelastic levels



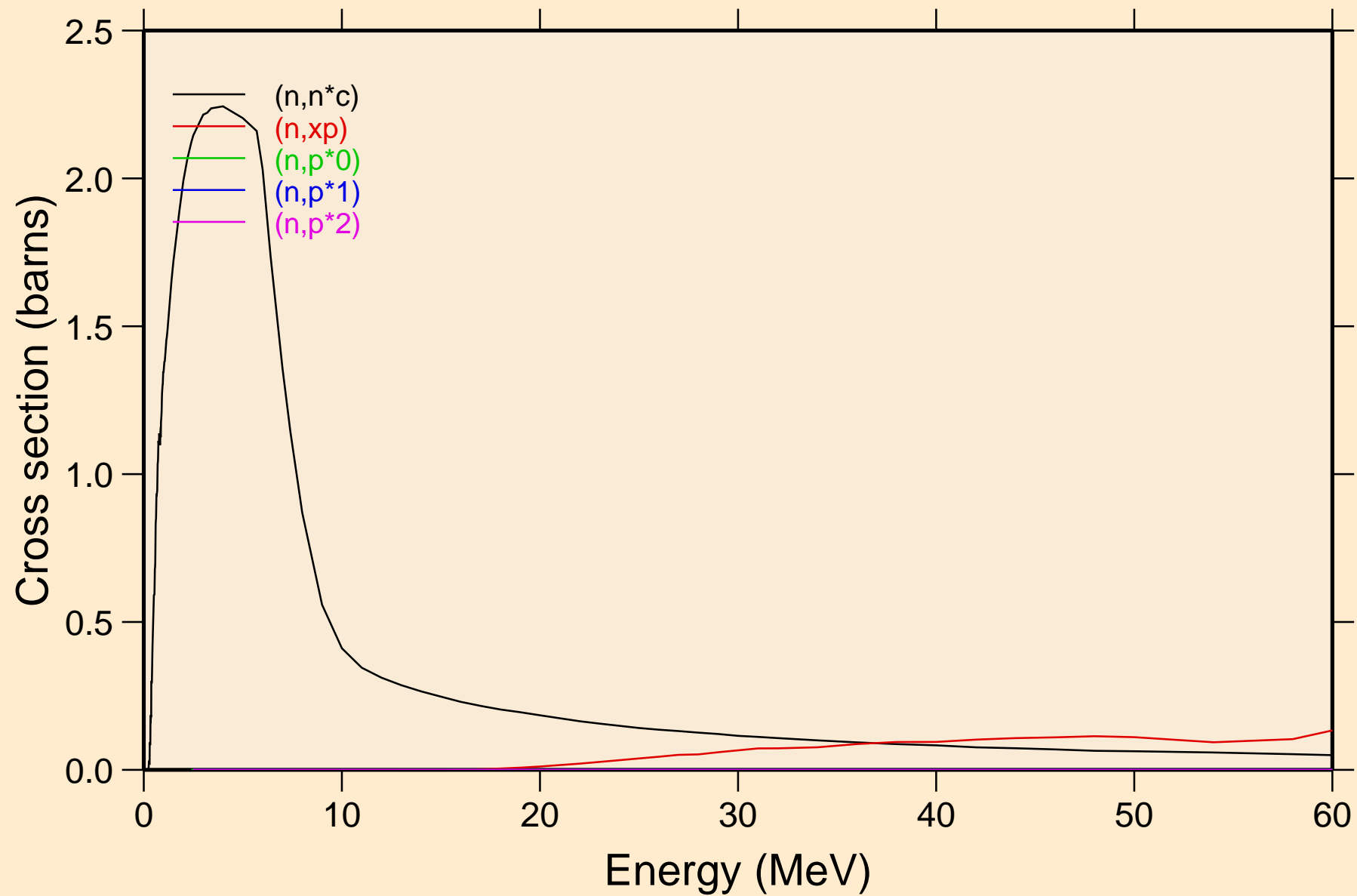
VALIDATE PA-231 FROM INDL

Threshold reactions



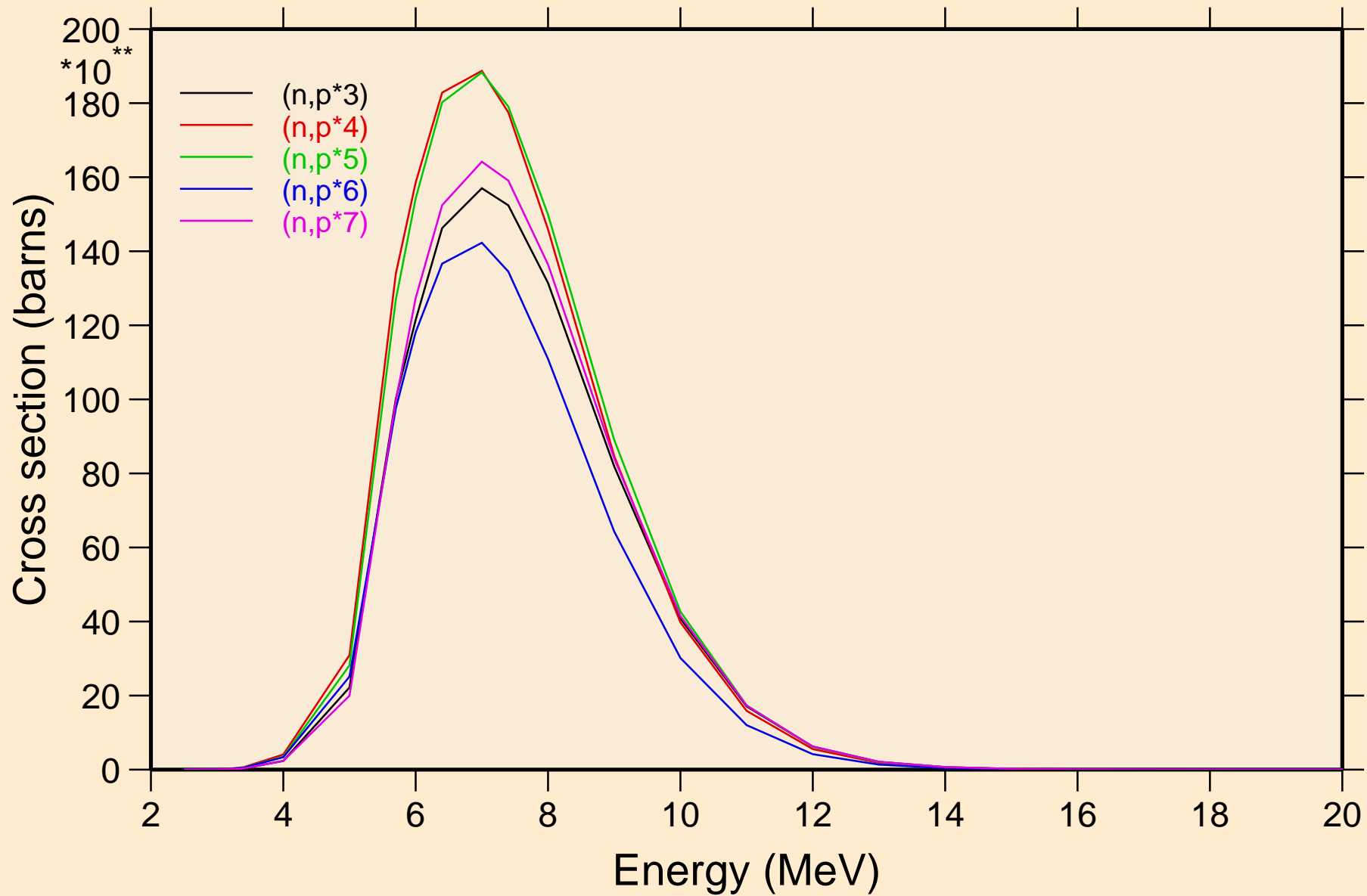
VALIDATE PA-231 FROM INDL

Threshold reactions



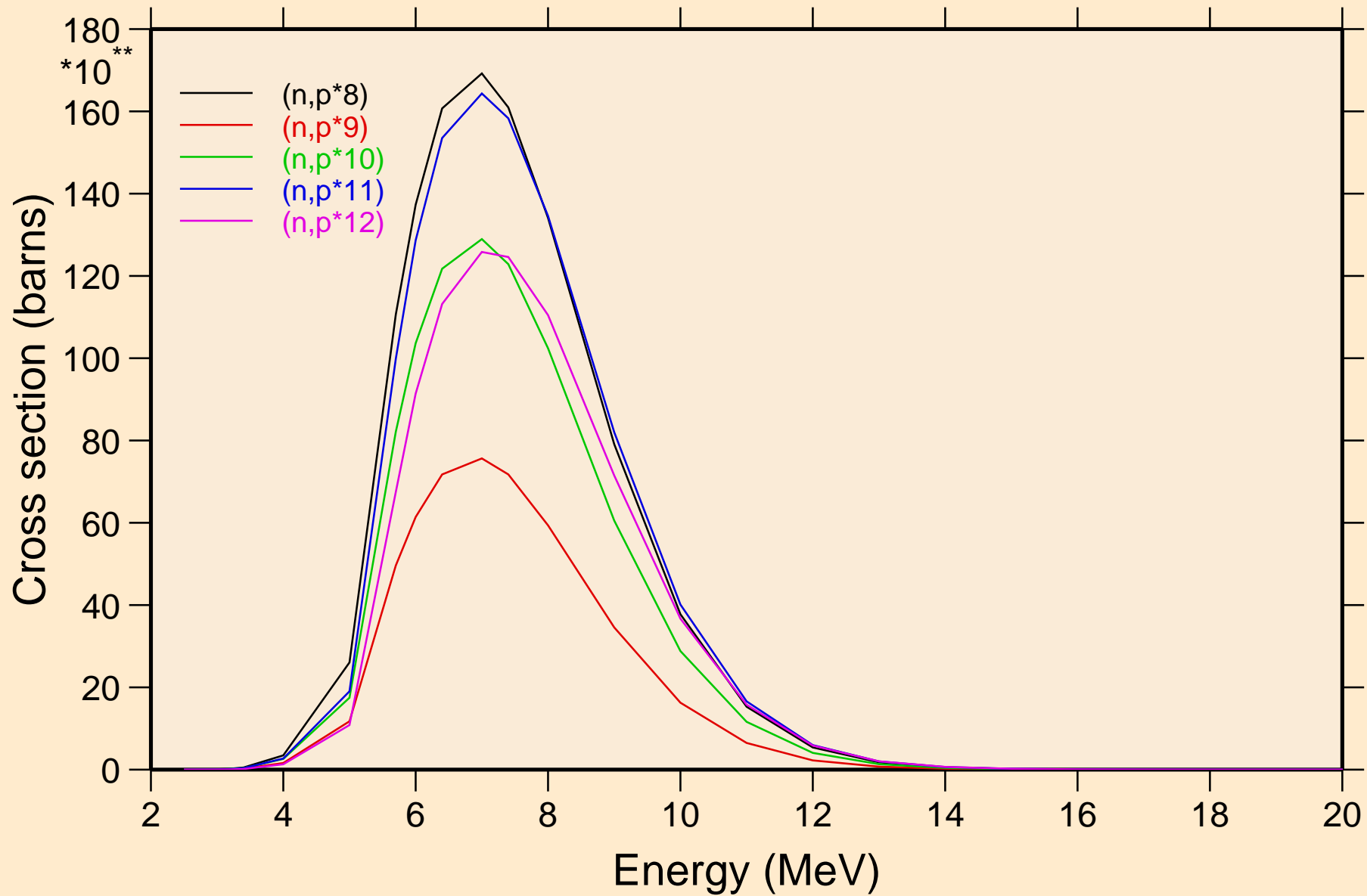
VALIDATE PA-231 FROM INDL

Threshold reactions



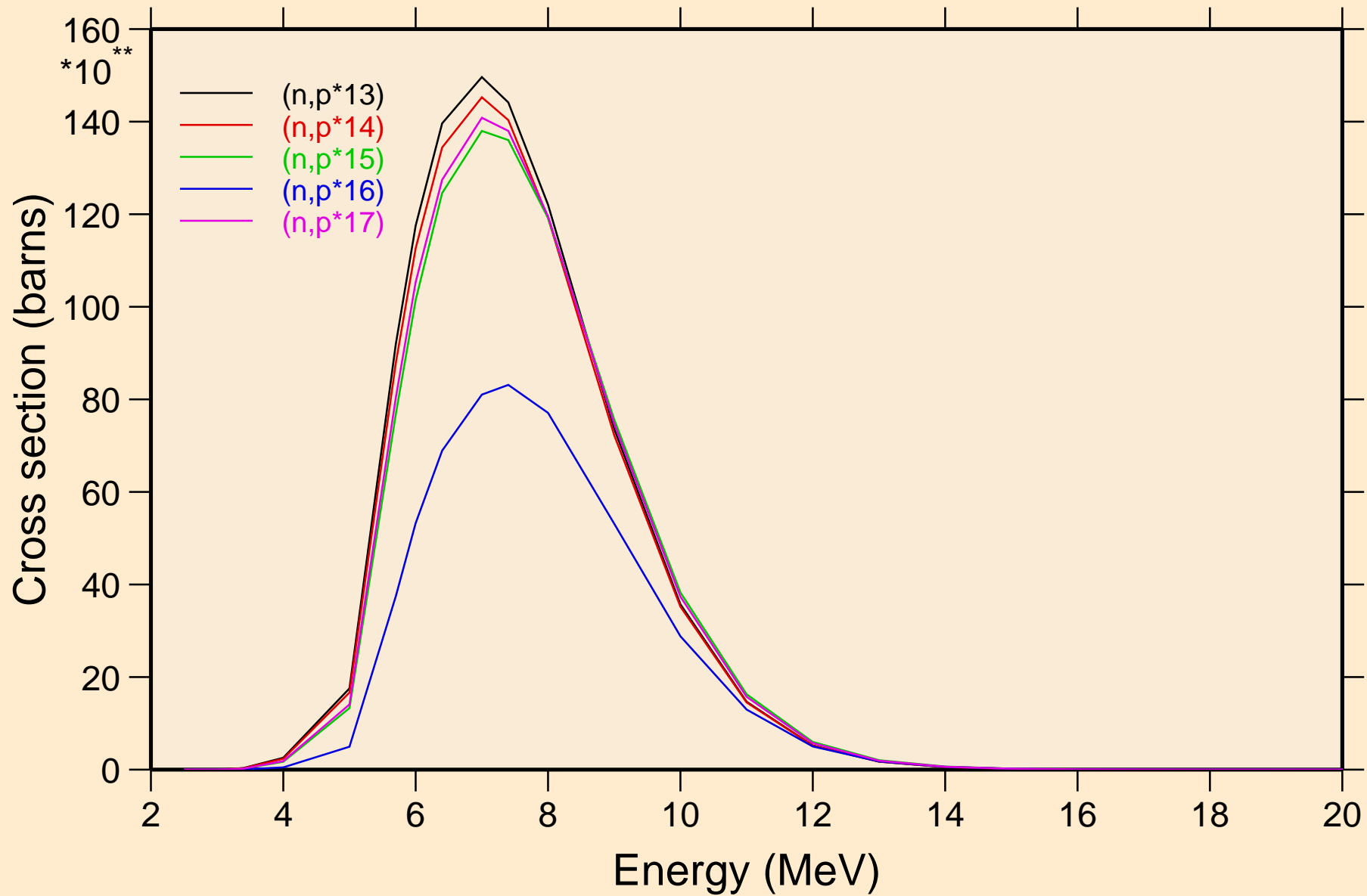
VALIDATE PA-231 FROM INDL

Threshold reactions



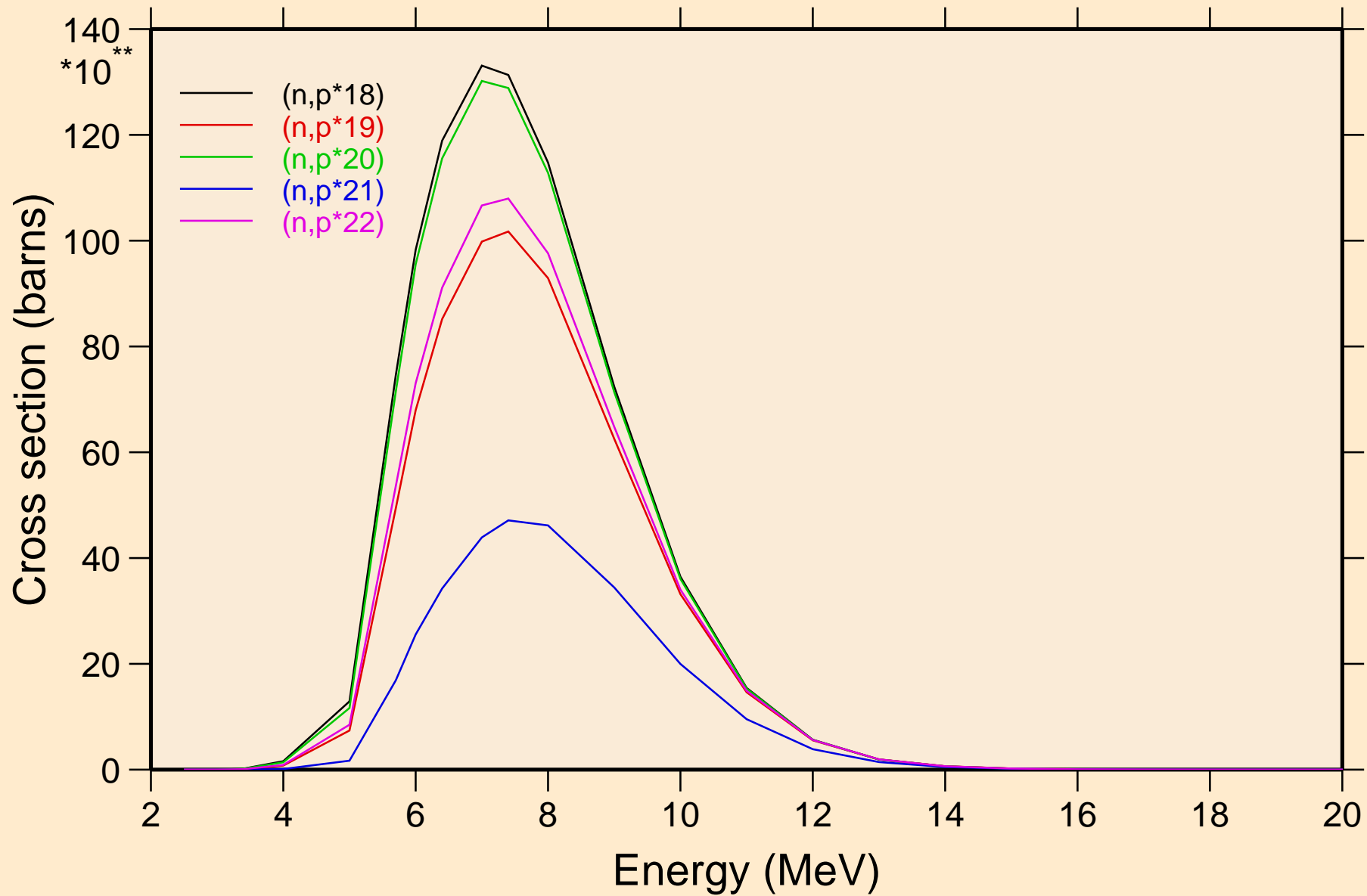
VALIDATE PA-231 FROM INDL

Threshold reactions



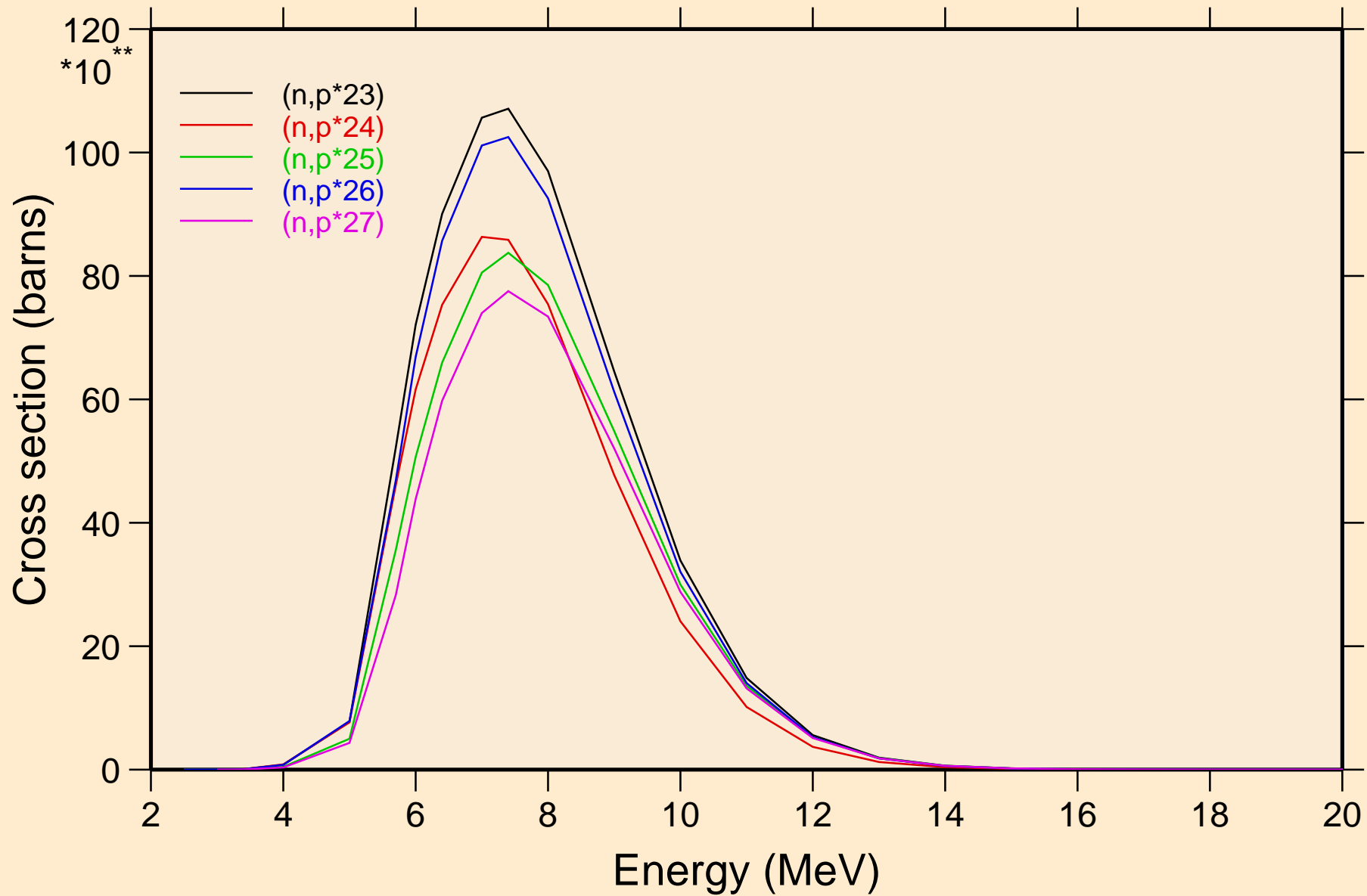
VALIDATE PA-231 FROM INDL

Threshold reactions



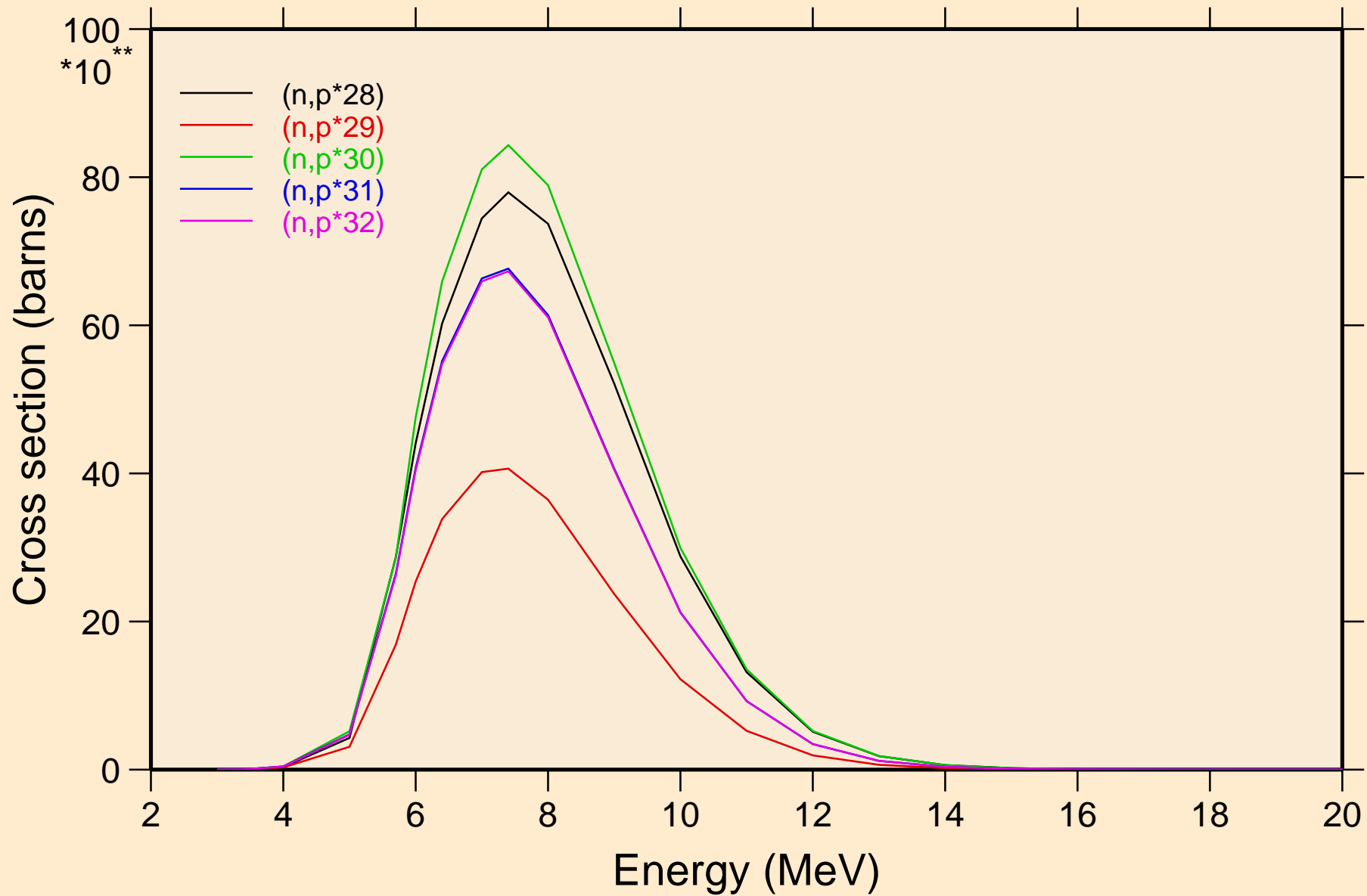
VALIDATE PA-231 FROM INDL

Threshold reactions



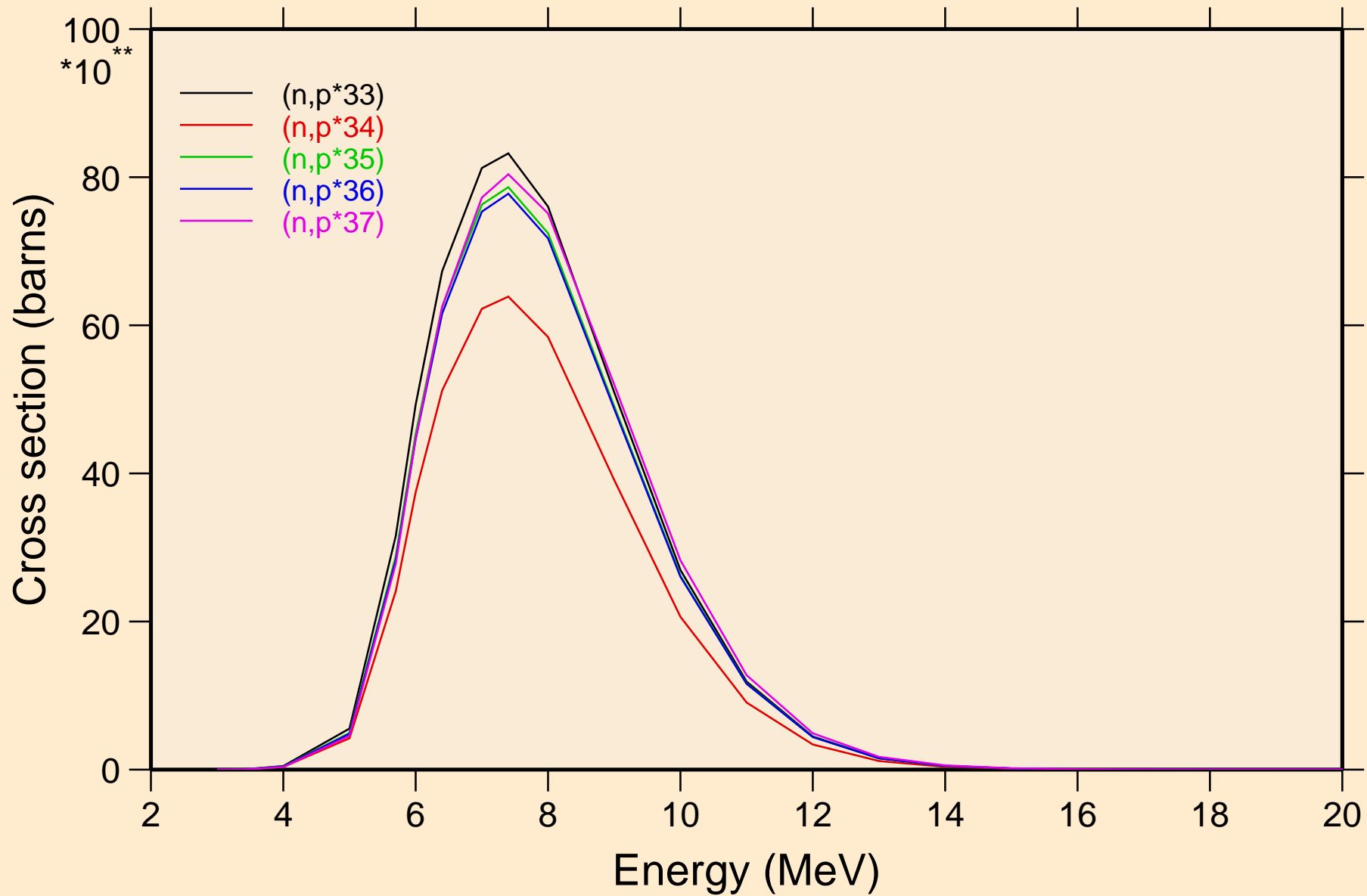
VALIDATE PA-231 FROM INDL

Threshold reactions



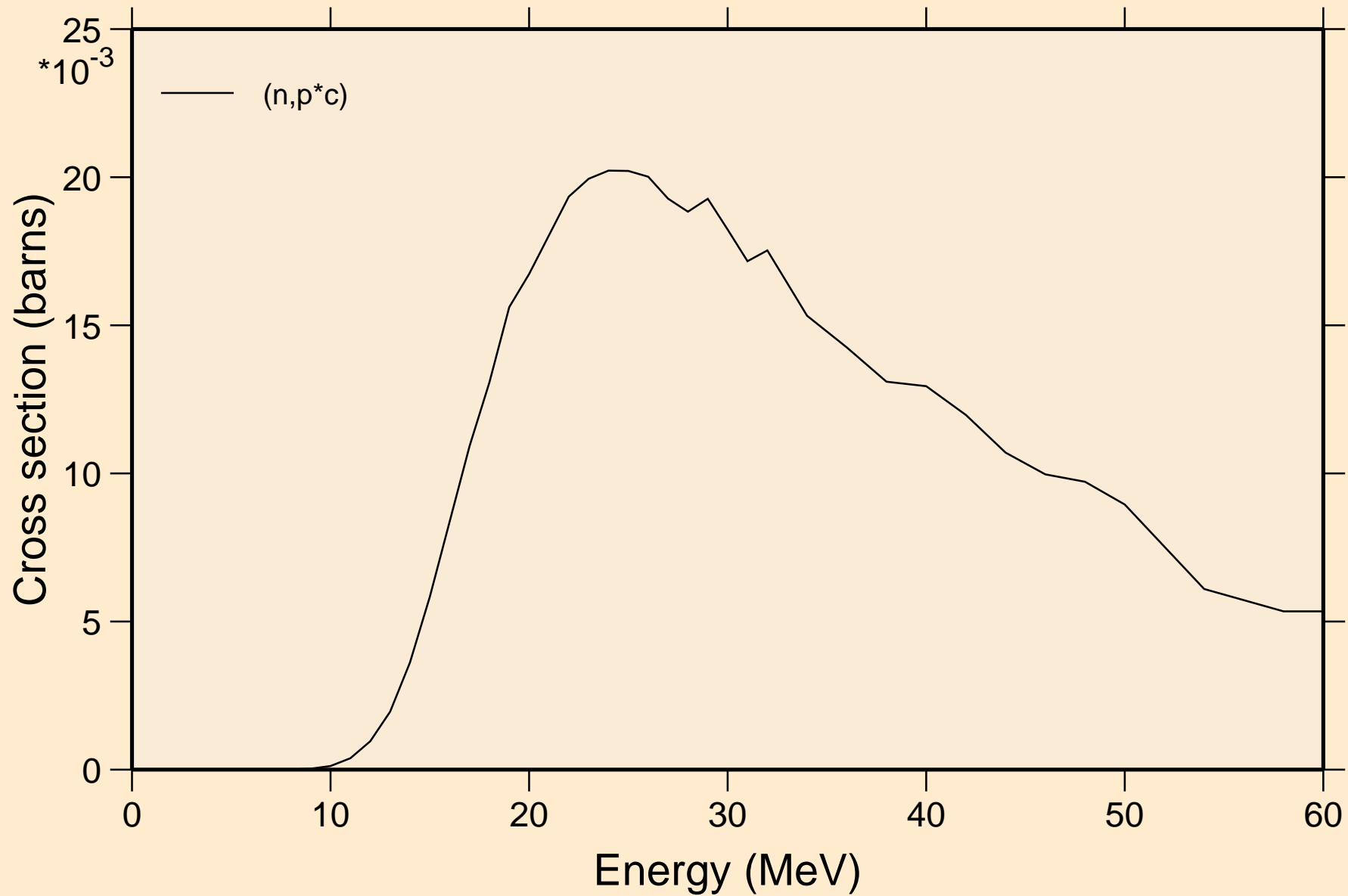
VALIDATE PA-231 FROM INDL

Threshold reactions

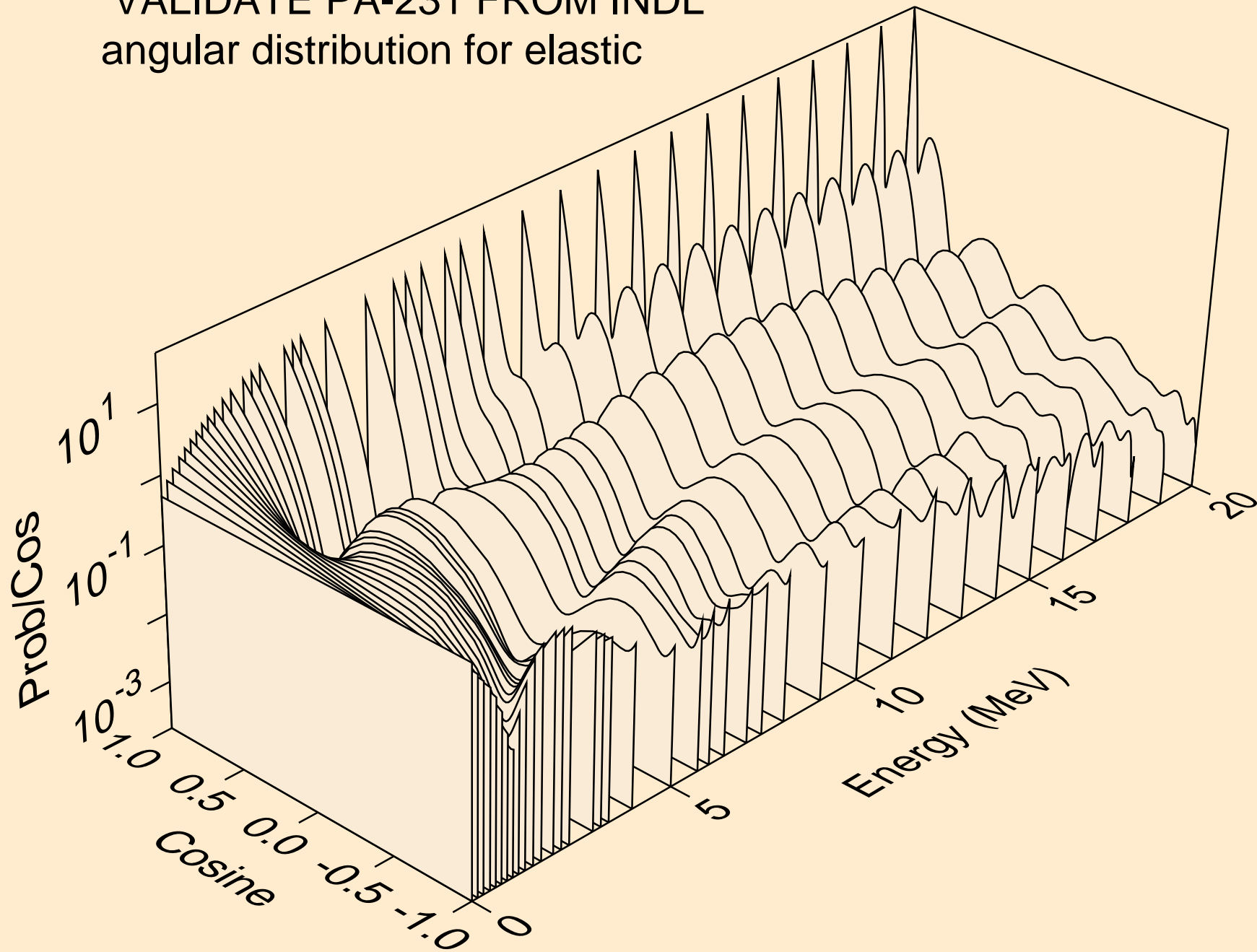


VALIDATE PA-231 FROM INDL

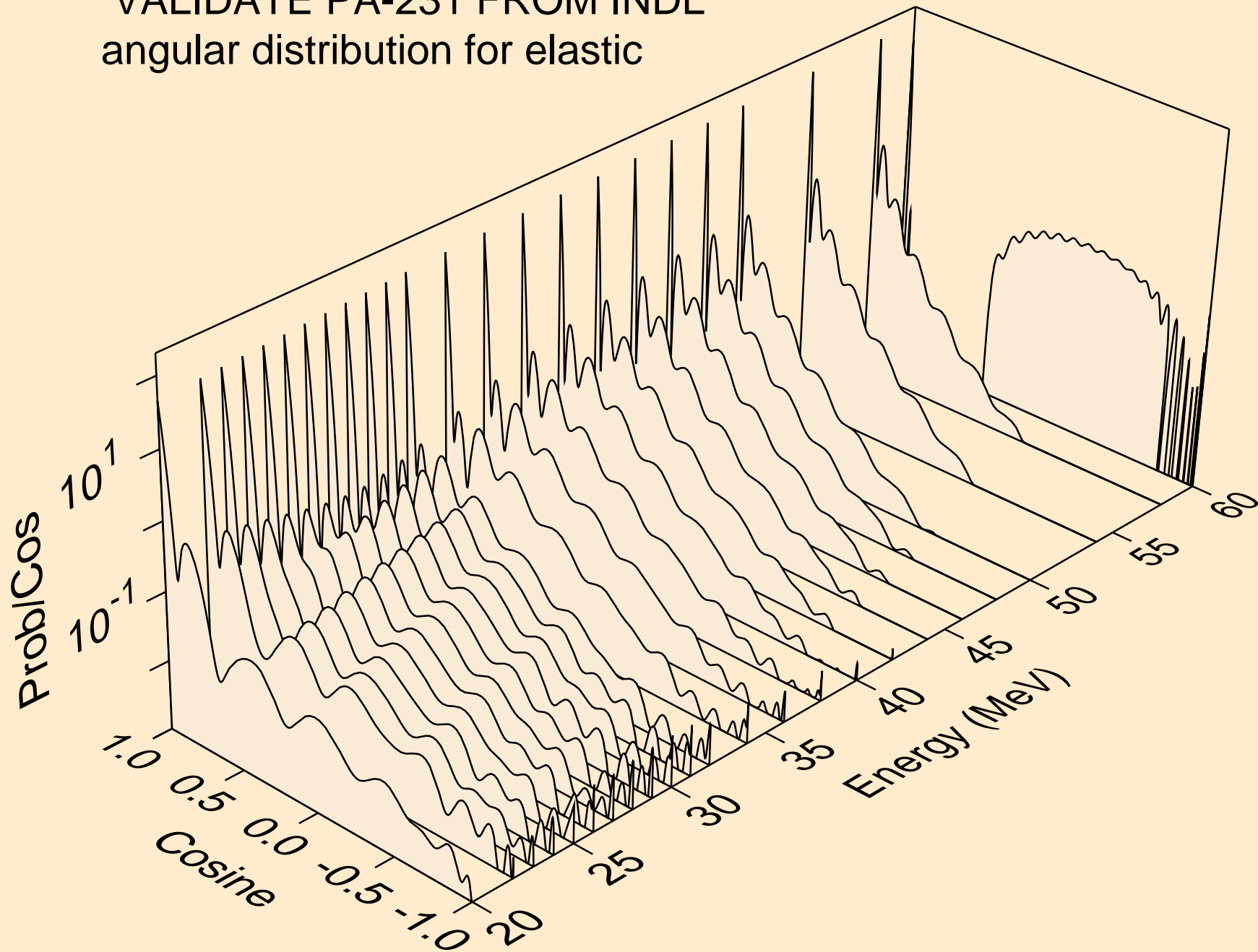
Threshold reactions



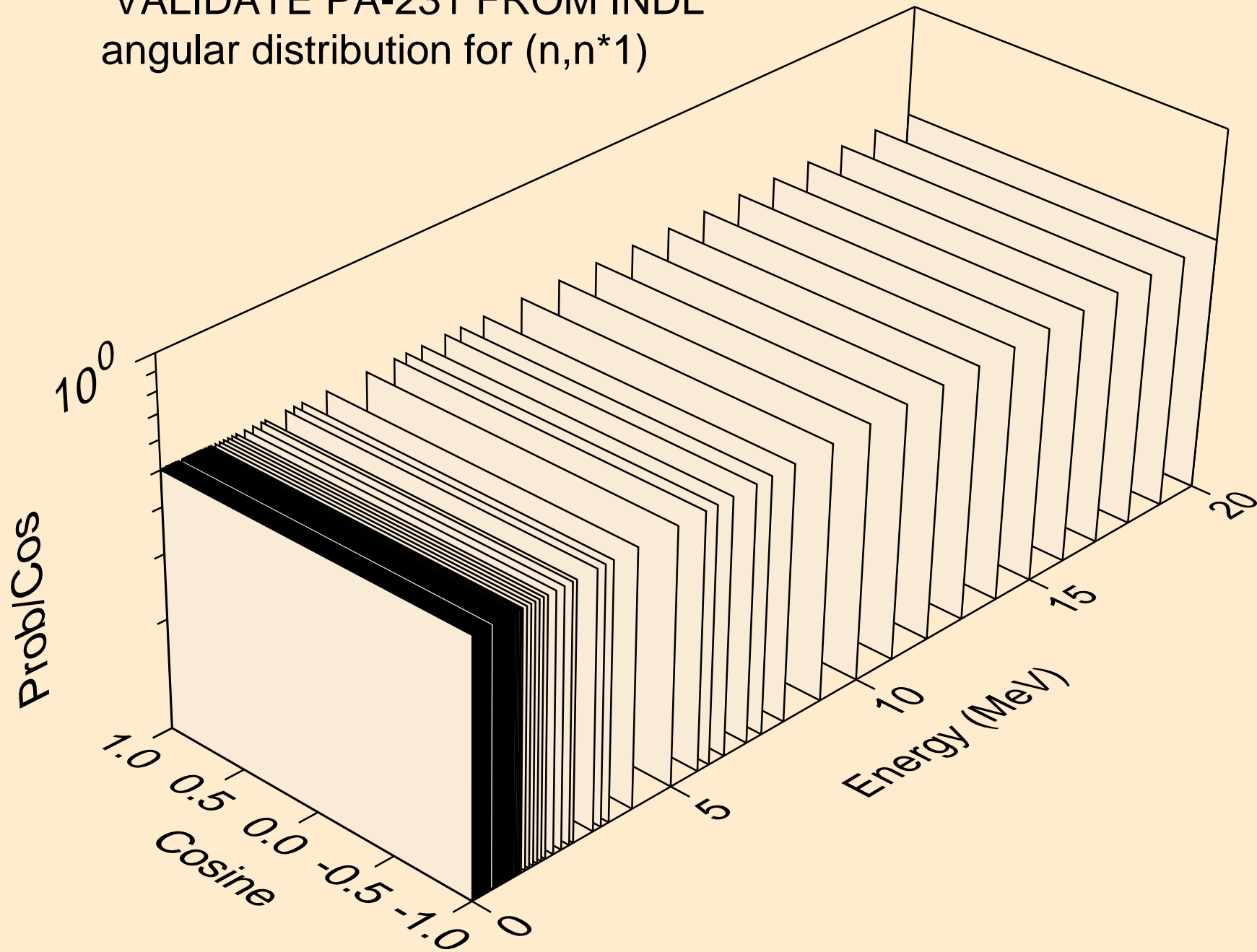
VALIDATE PA-231 FROM INDL
angular distribution for elastic



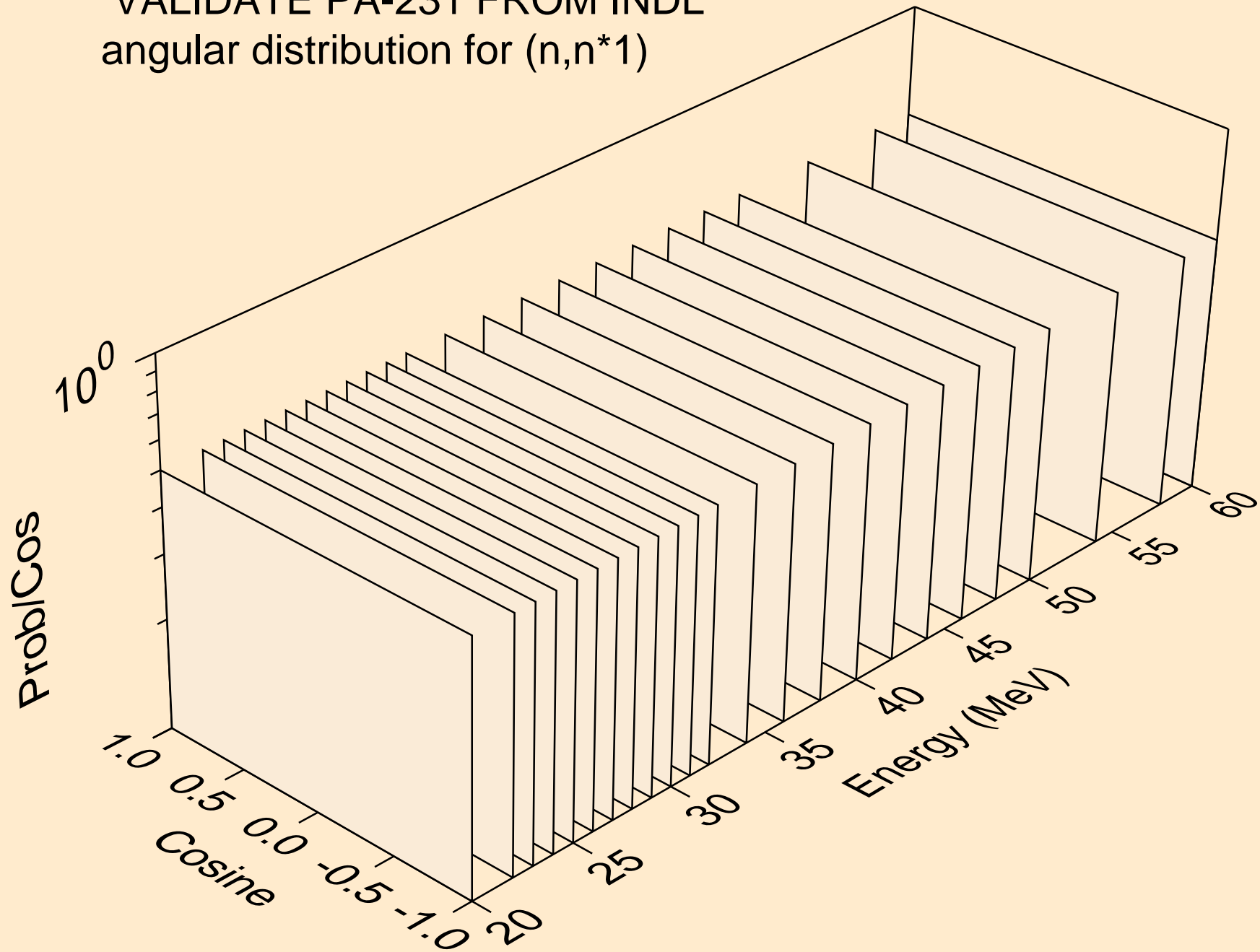
VALIDATE PA-231 FROM INDL
angular distribution for elastic



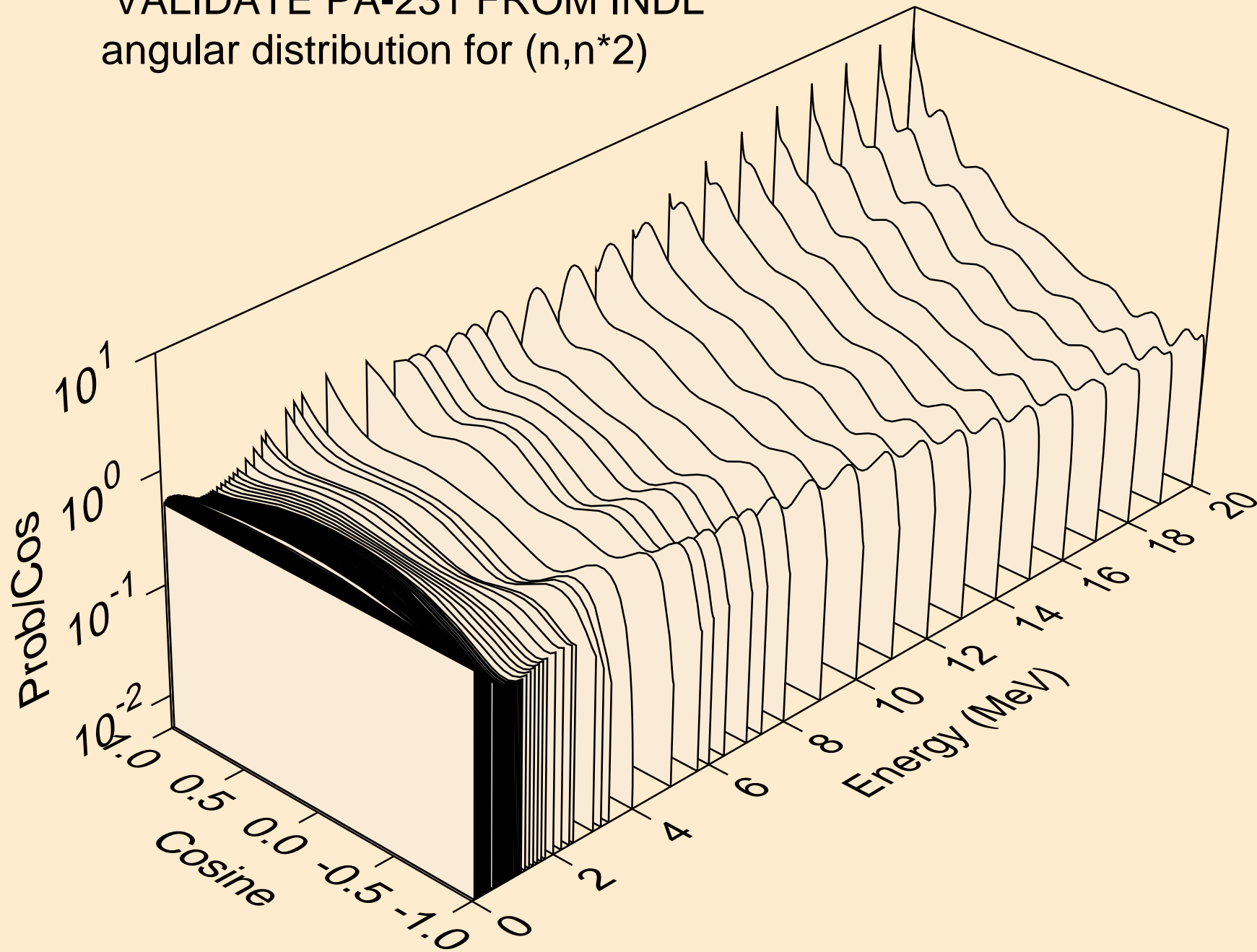
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*1)



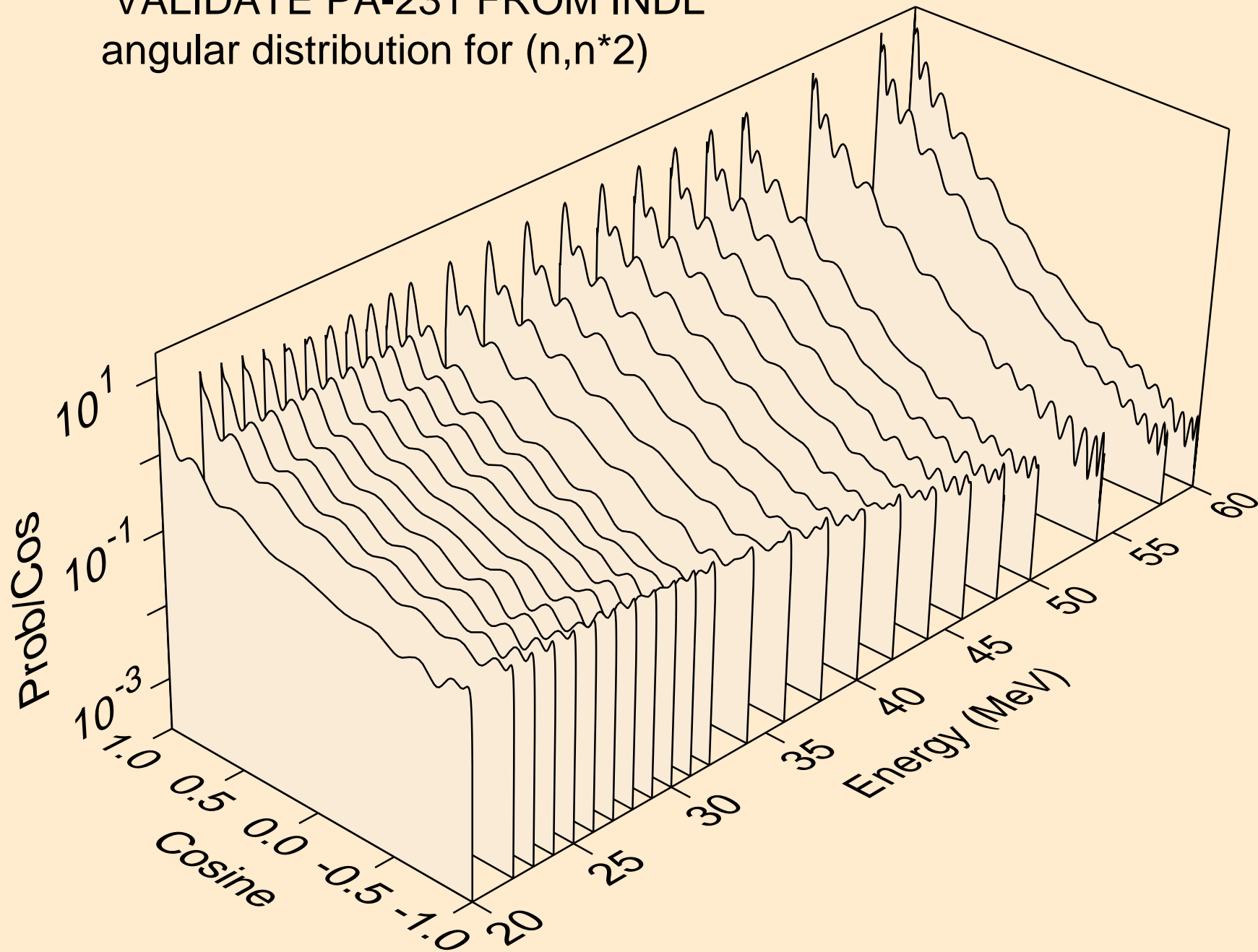
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*1)



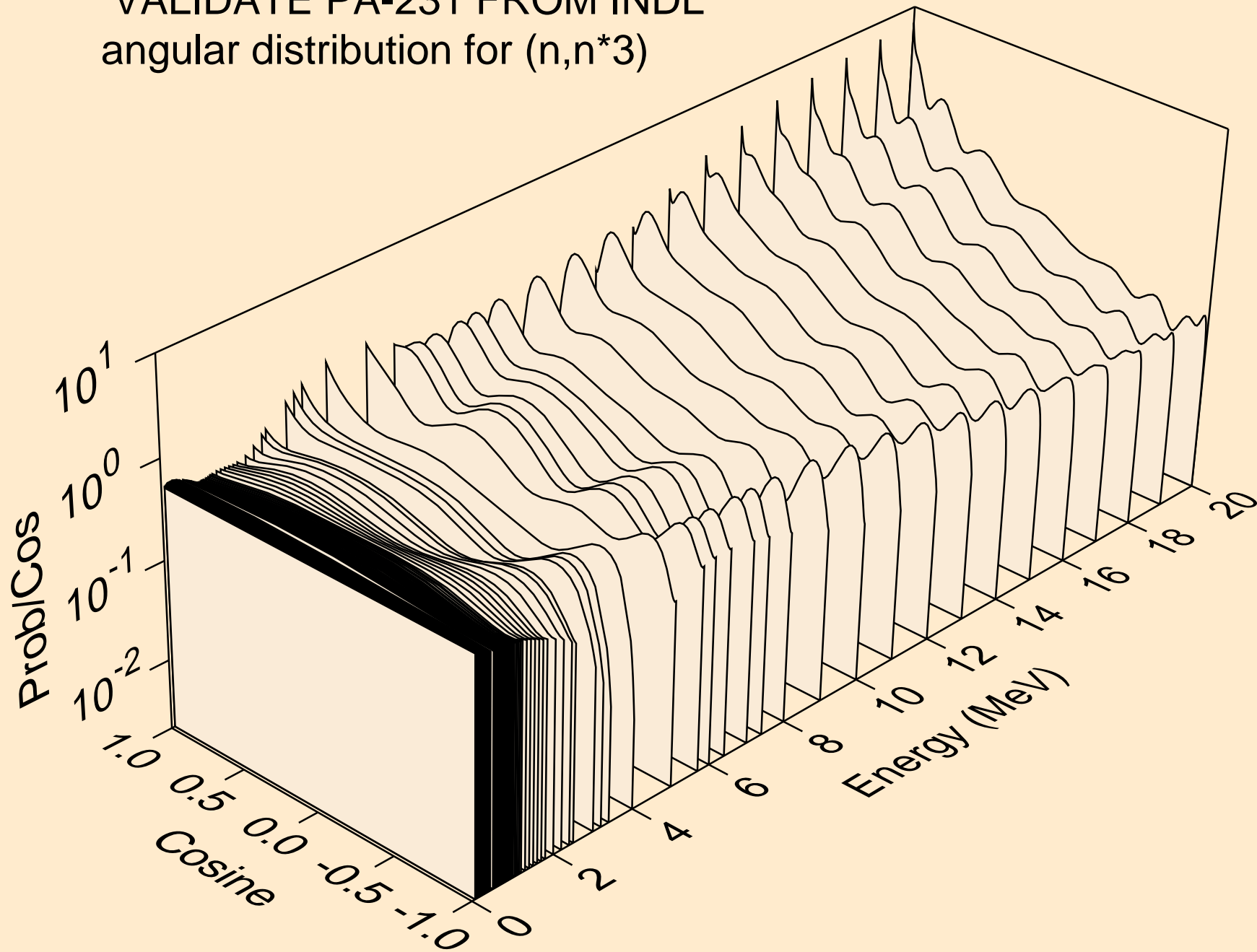
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*2)



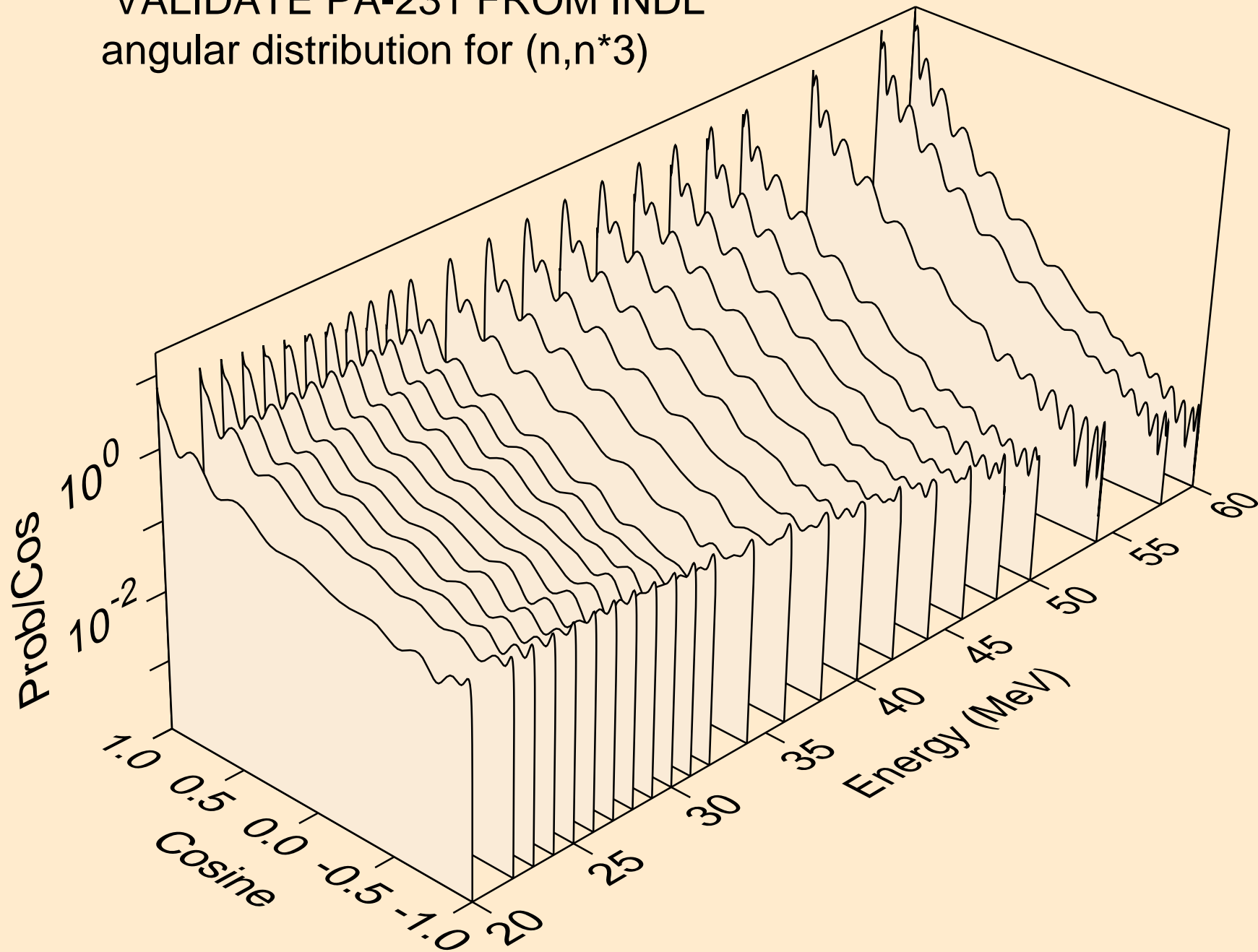
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*2)



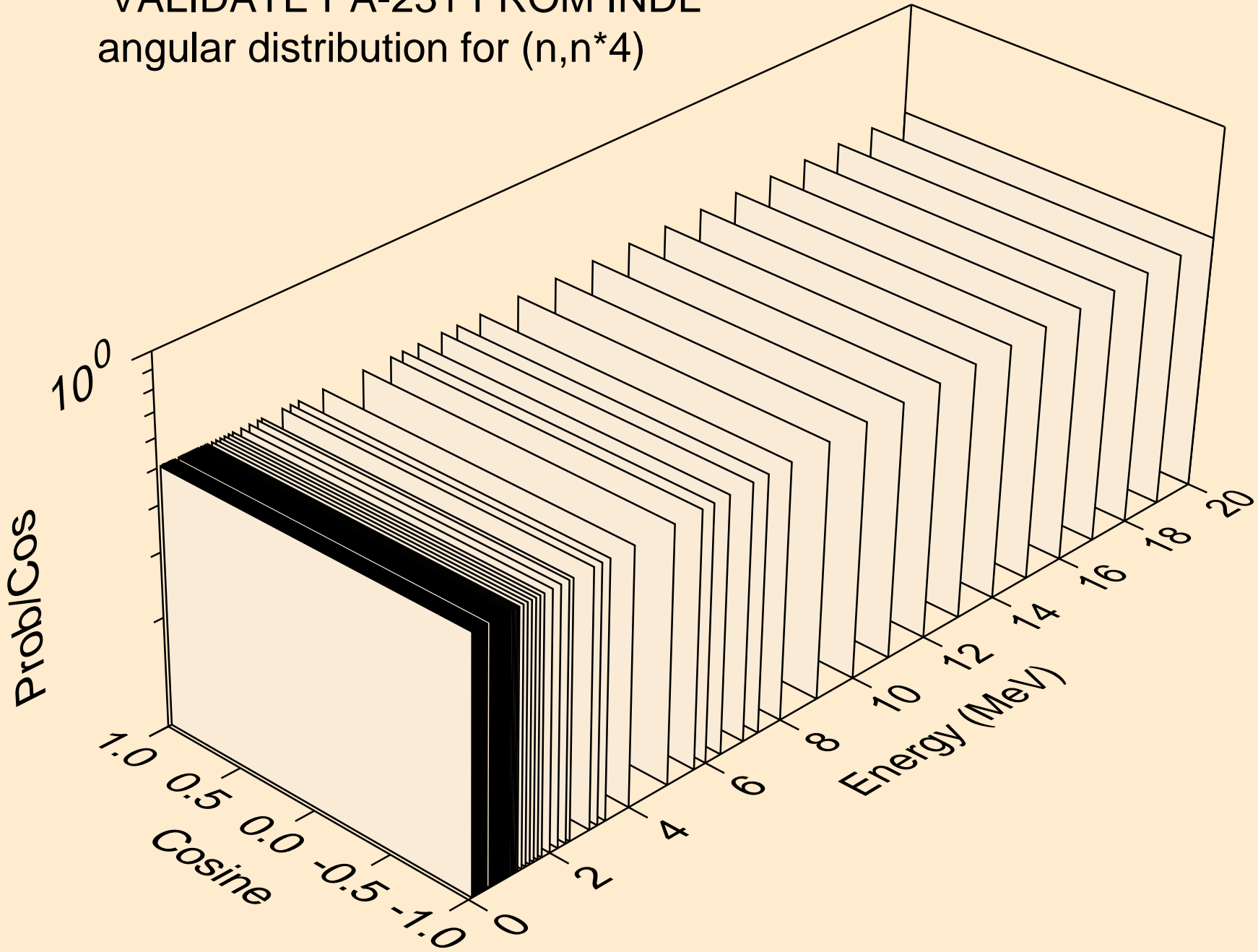
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*3)



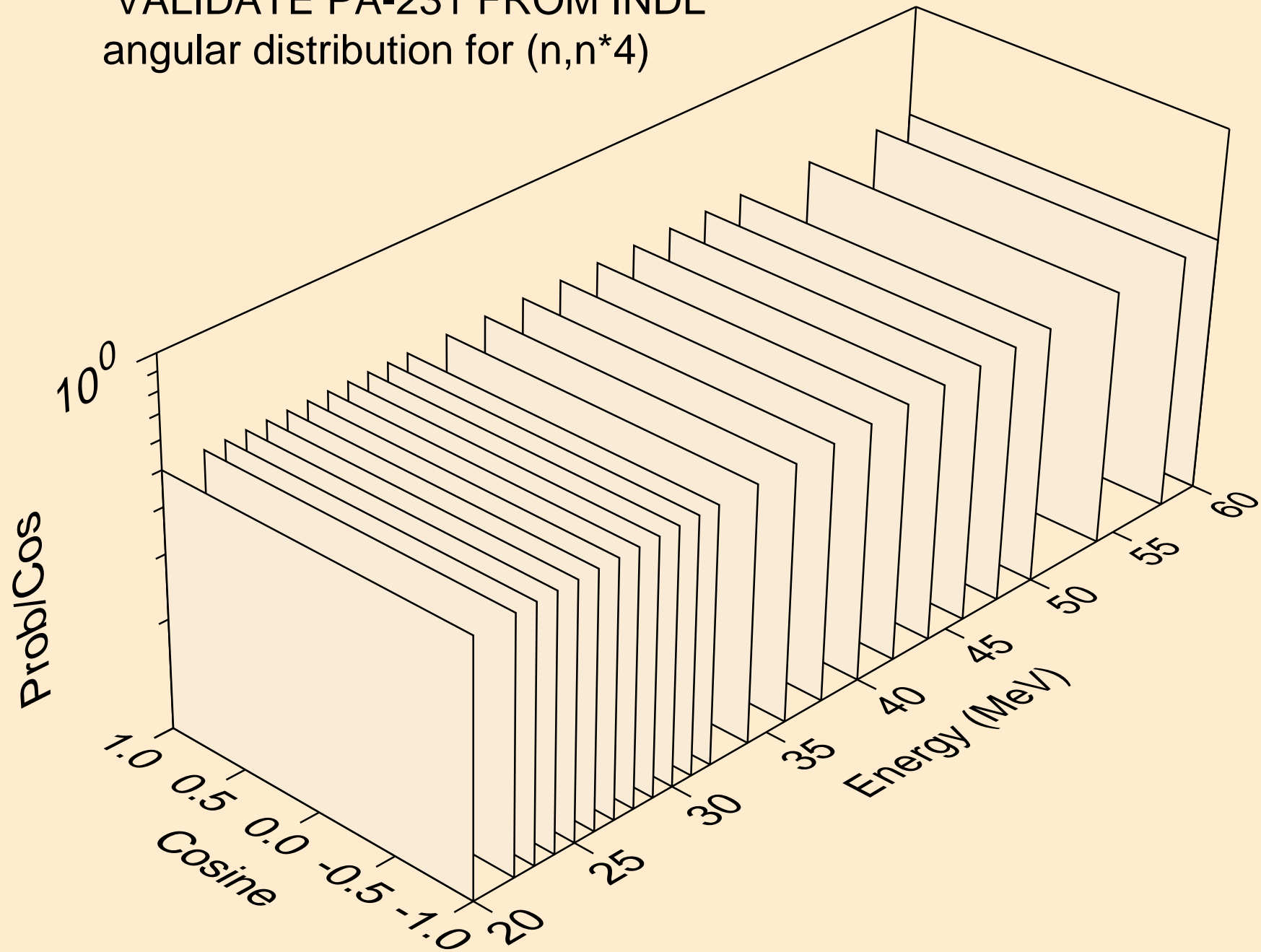
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*3)



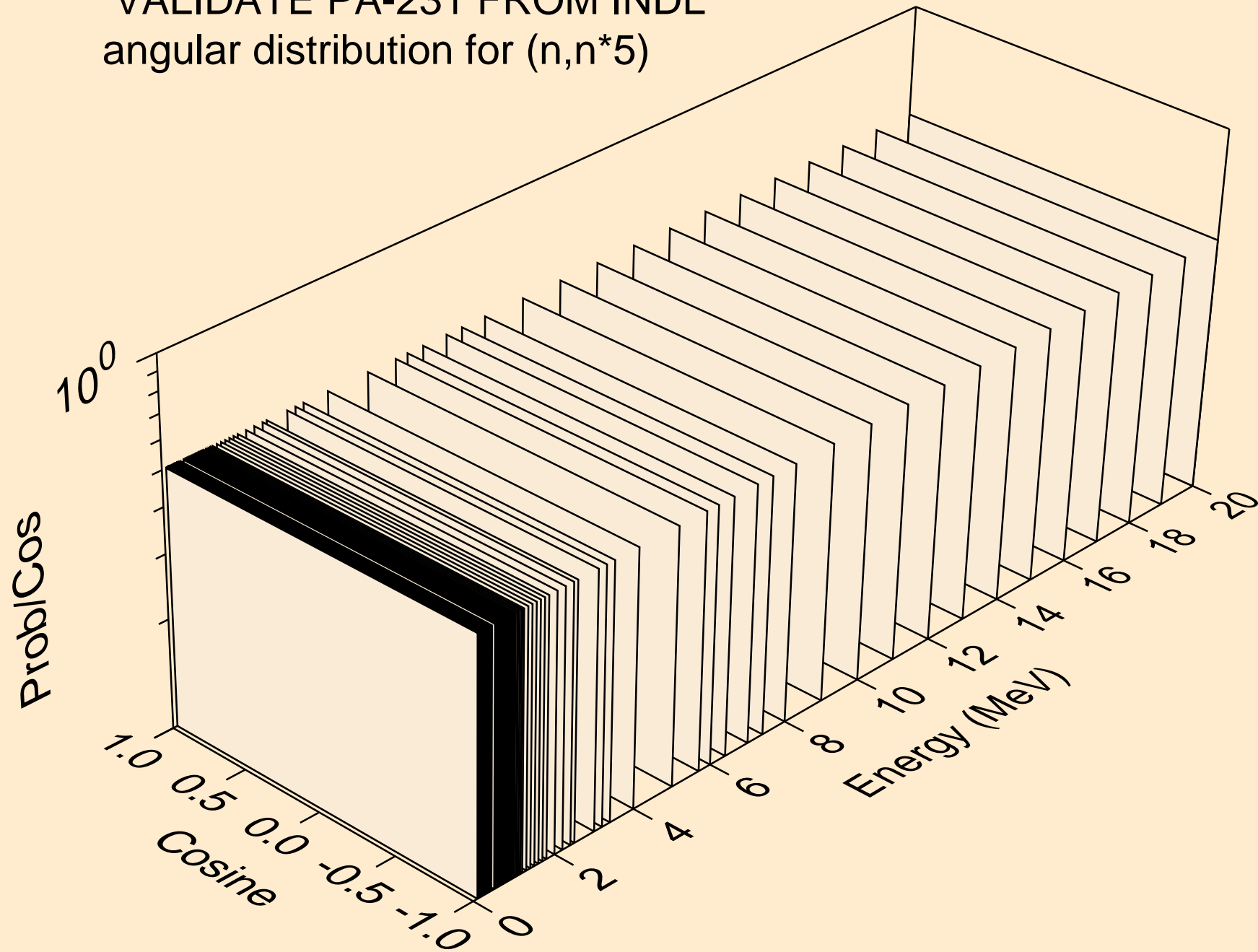
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*4)



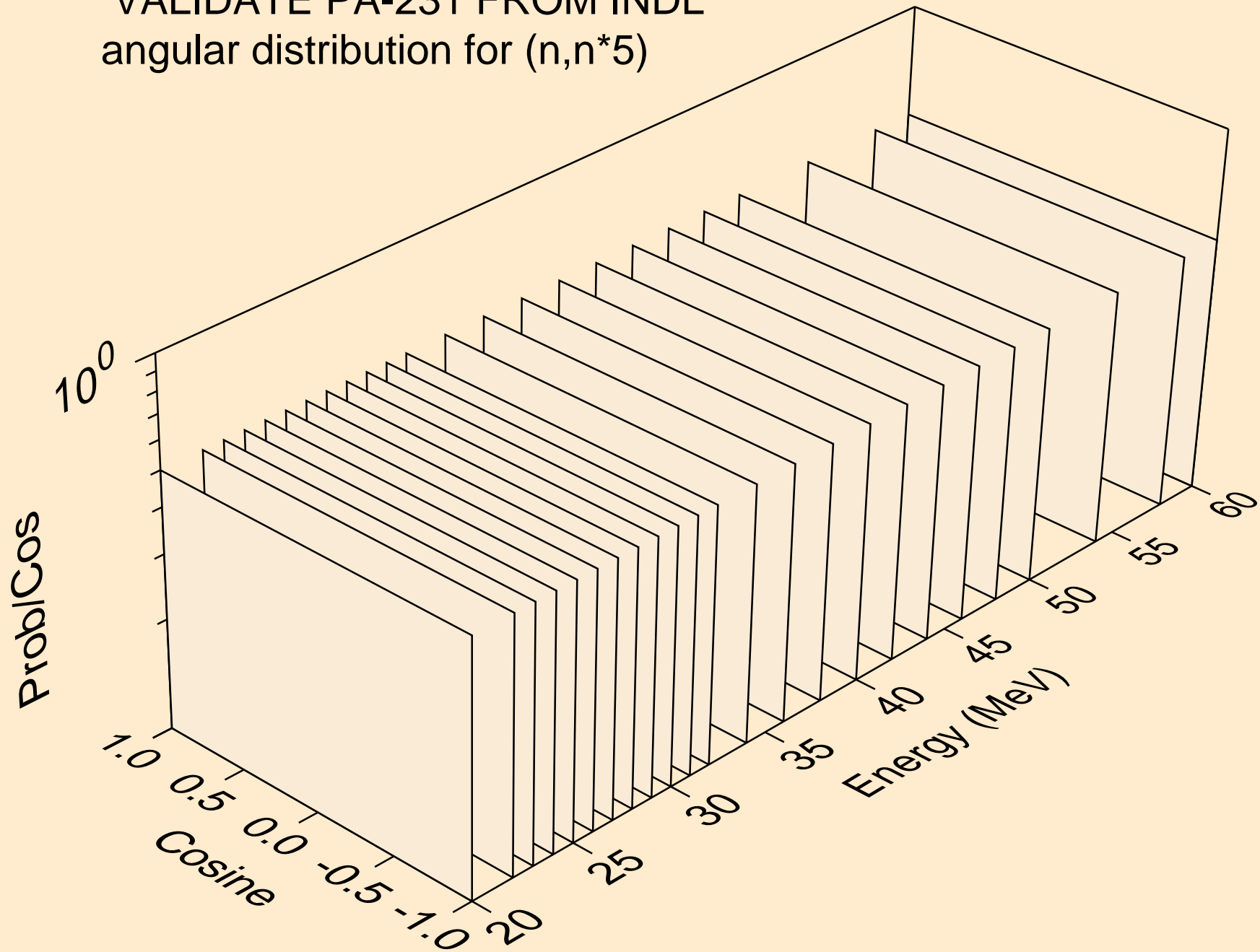
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*4)



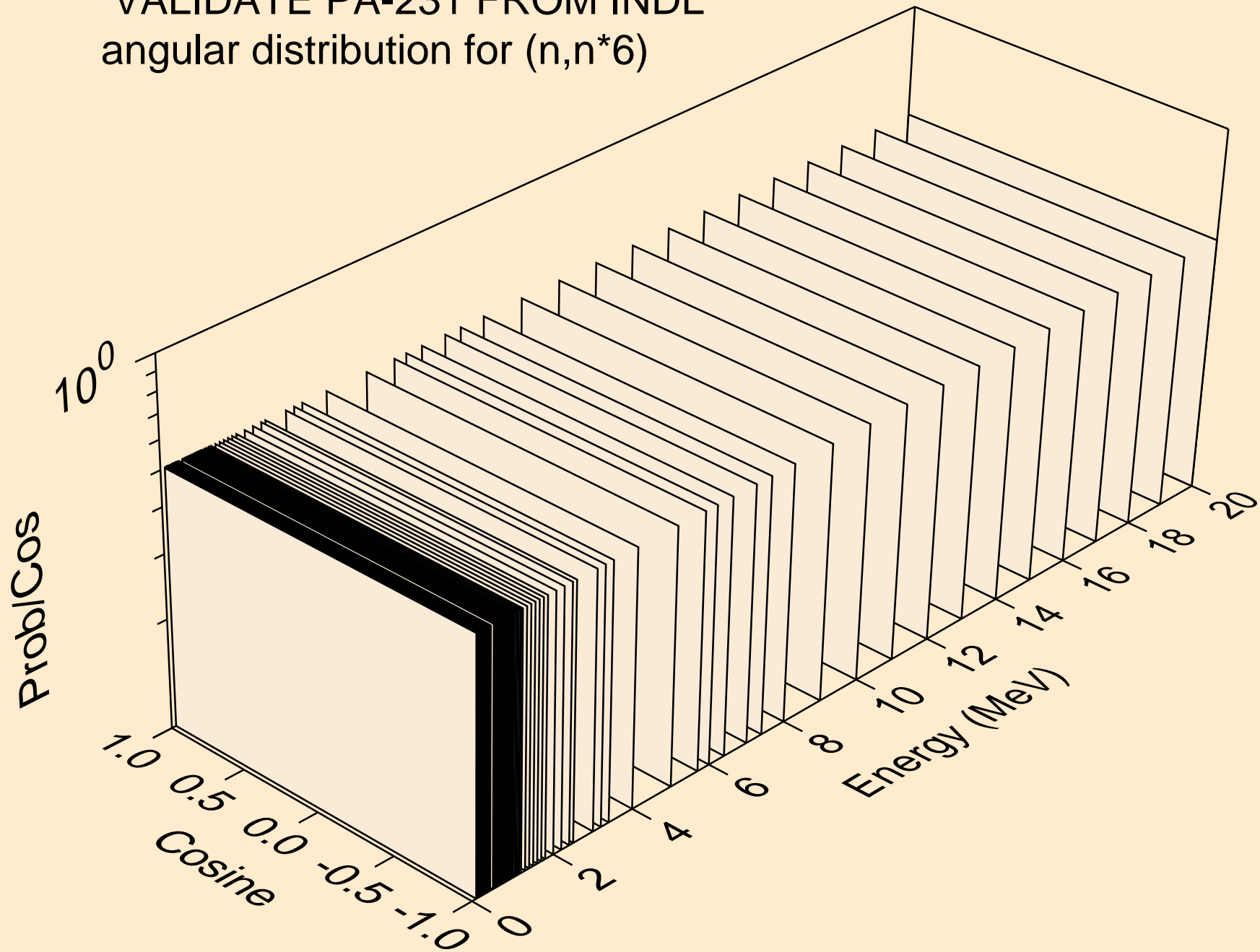
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*5)



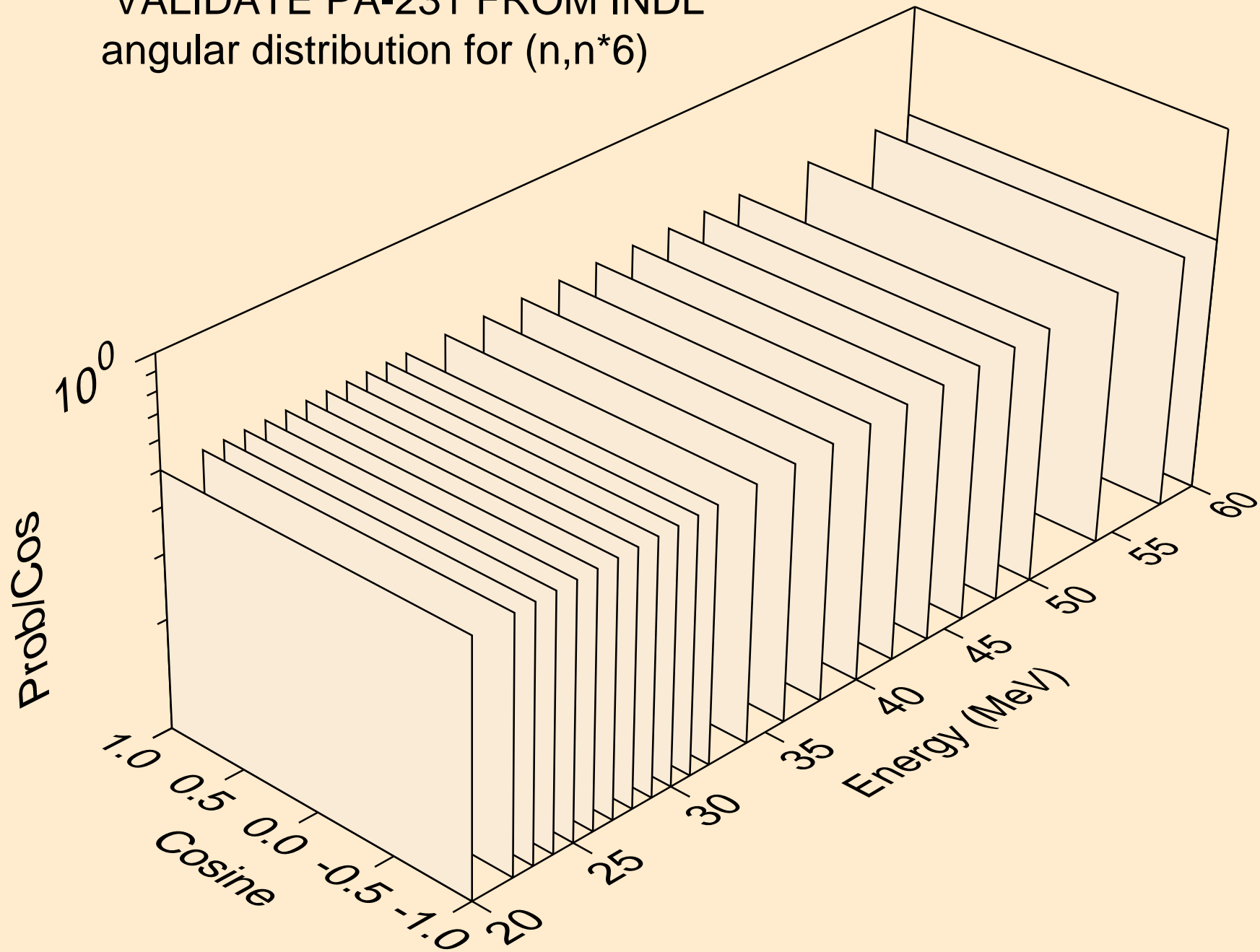
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*5)



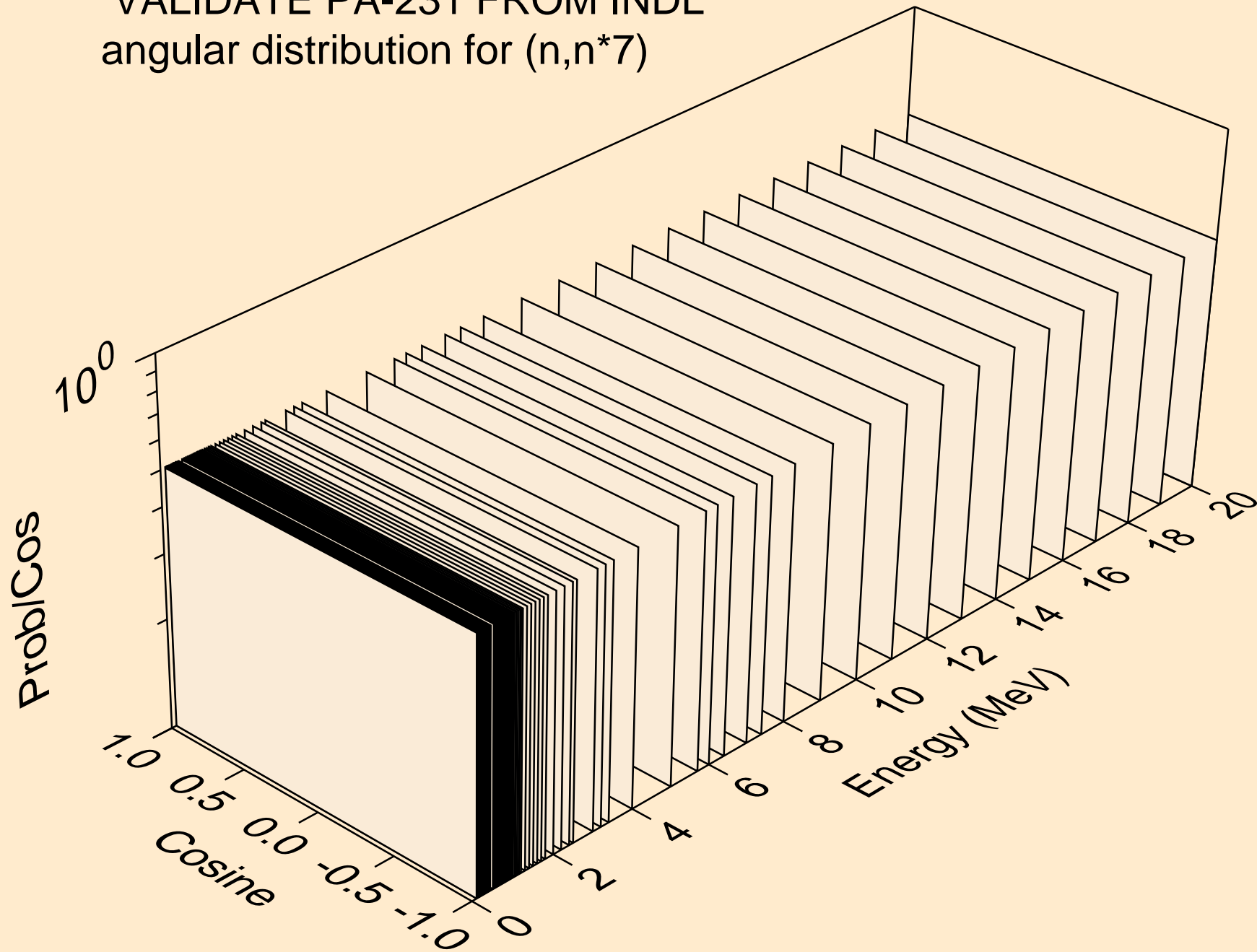
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*6)



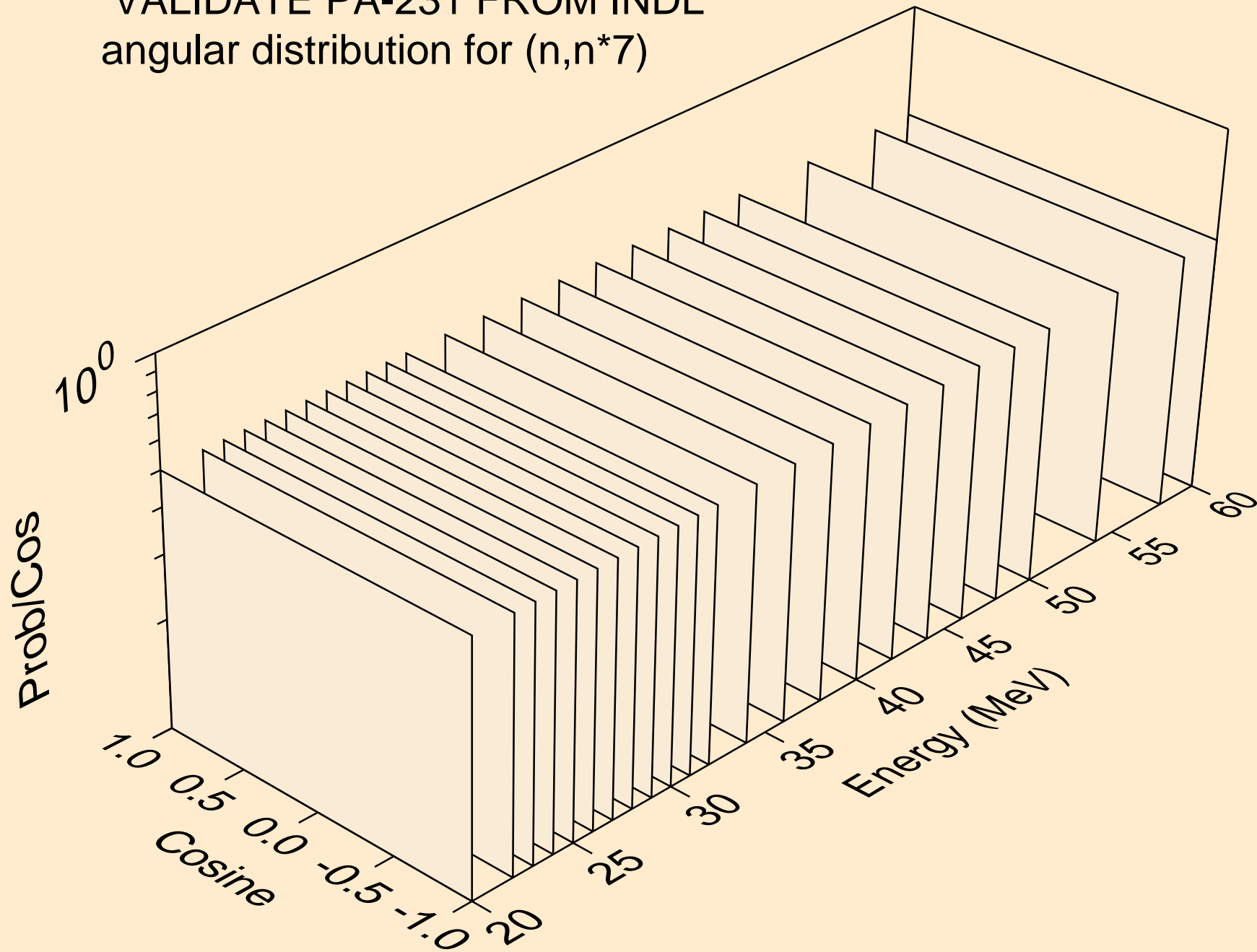
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*6)



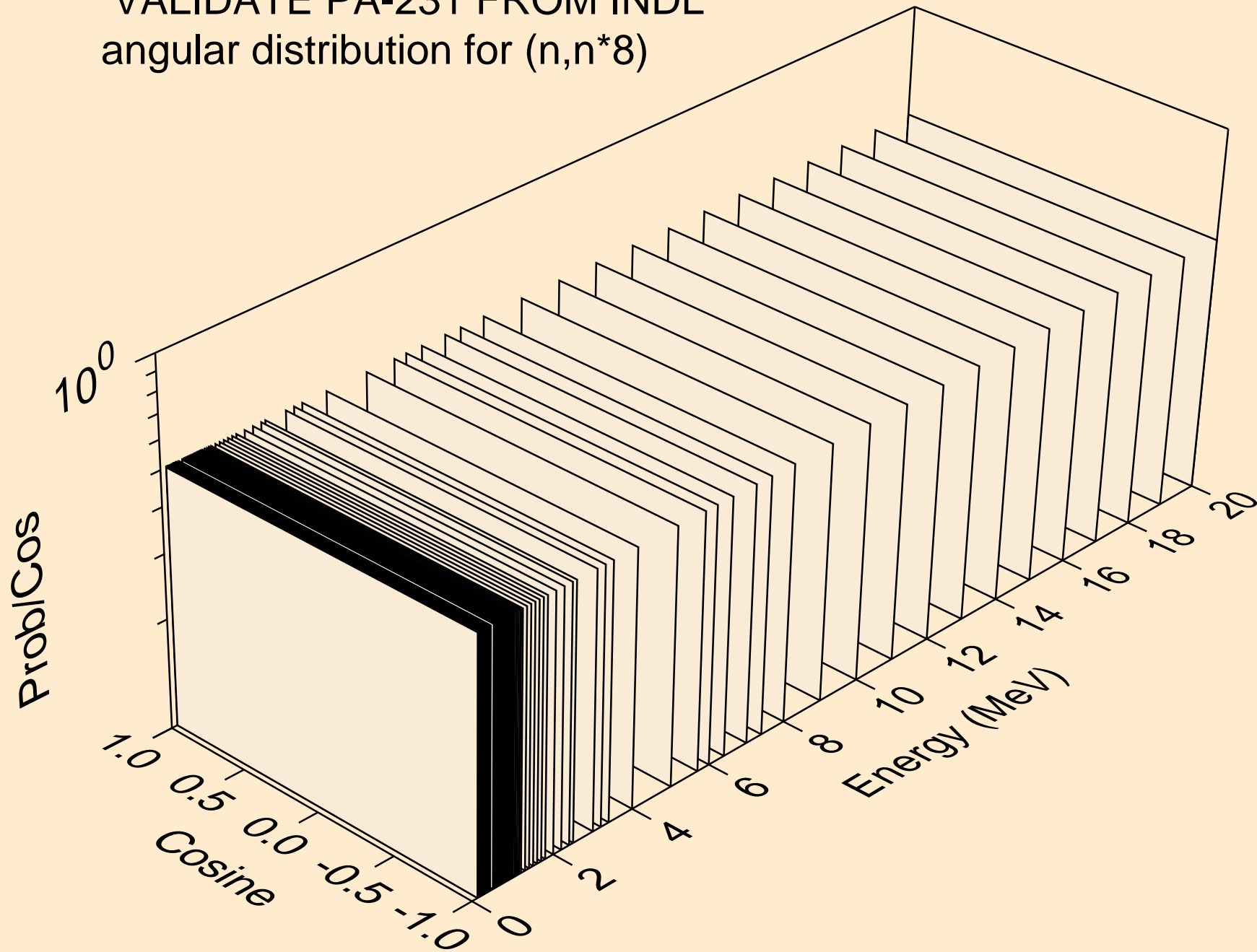
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*7)



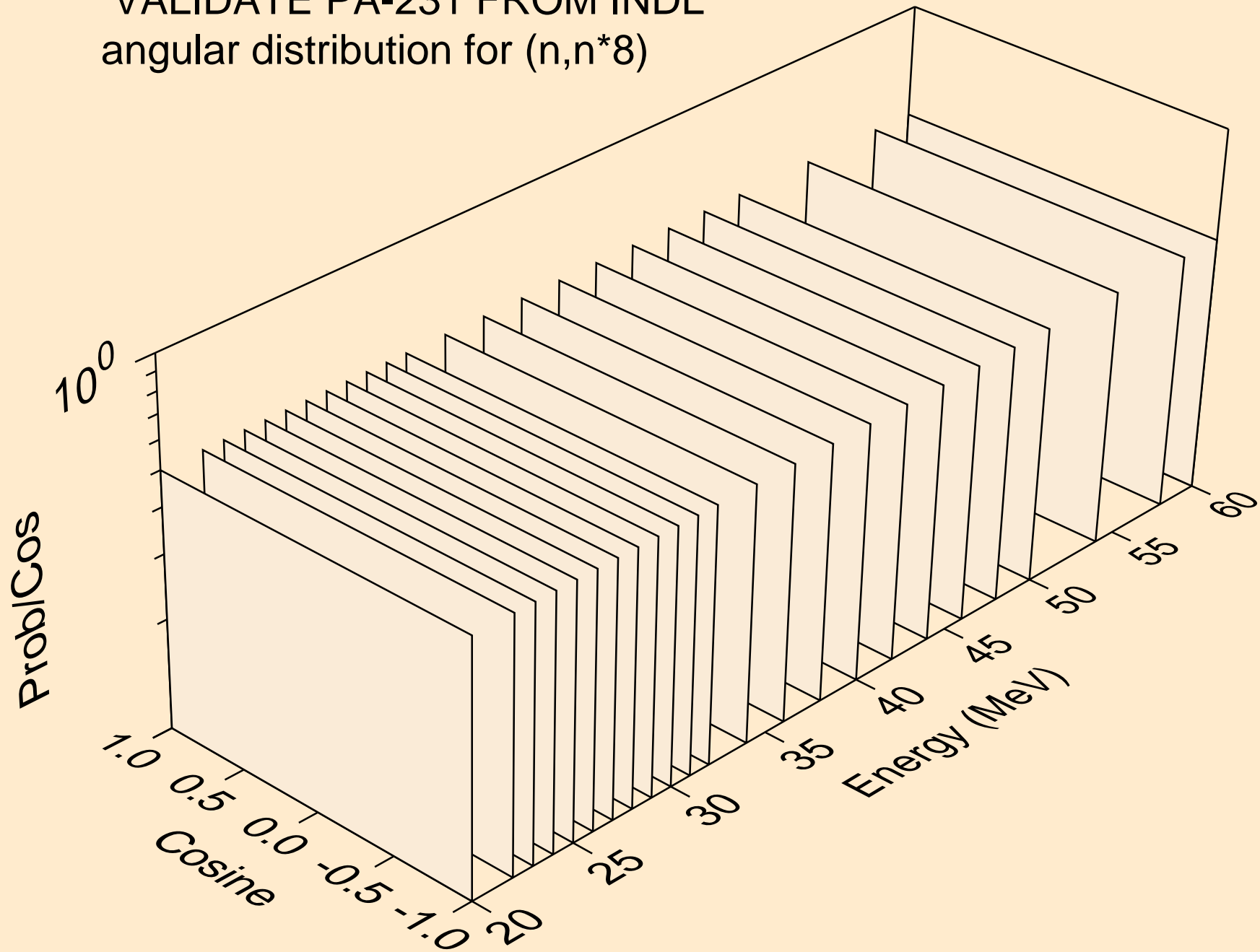
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*7)



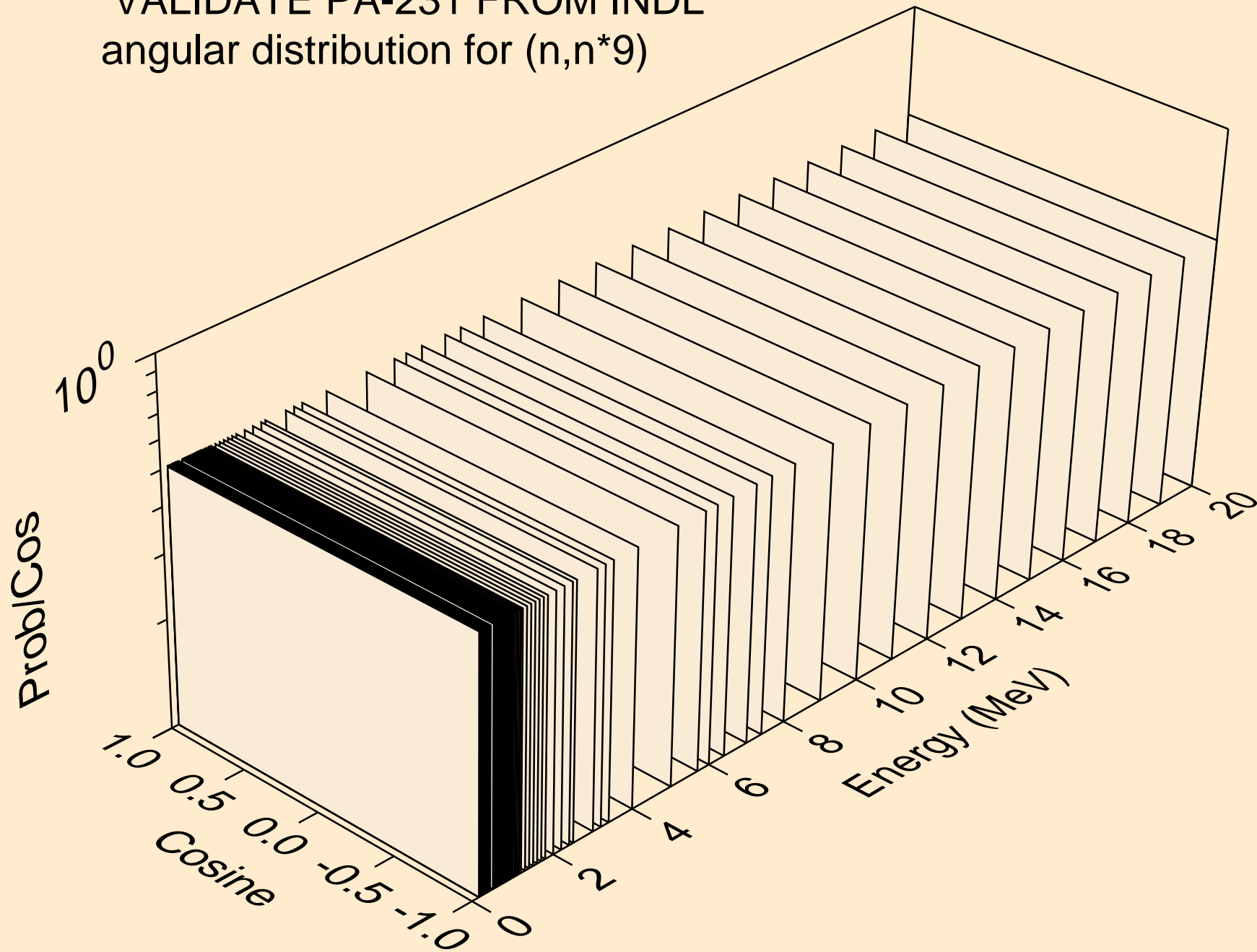
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*8)



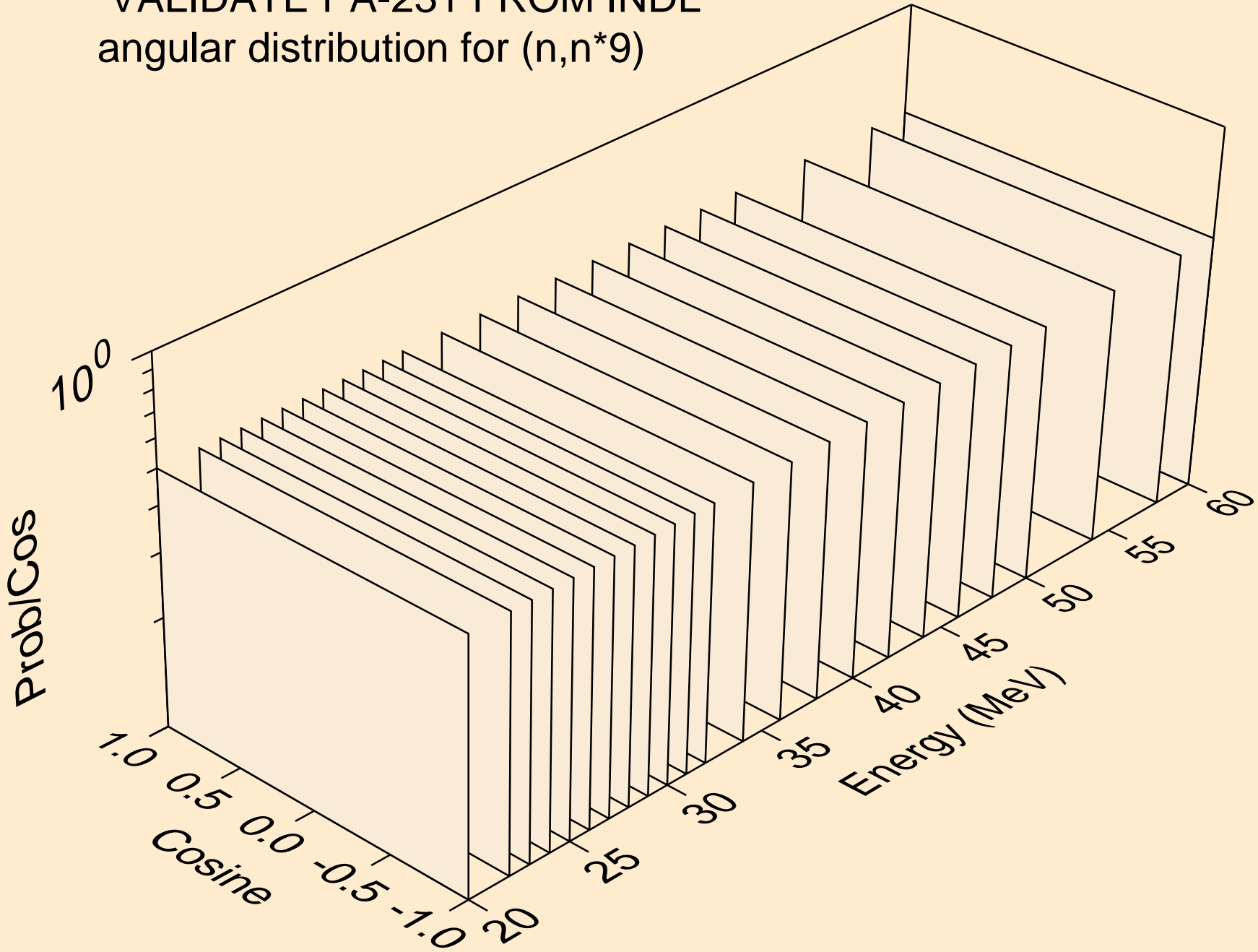
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*8)



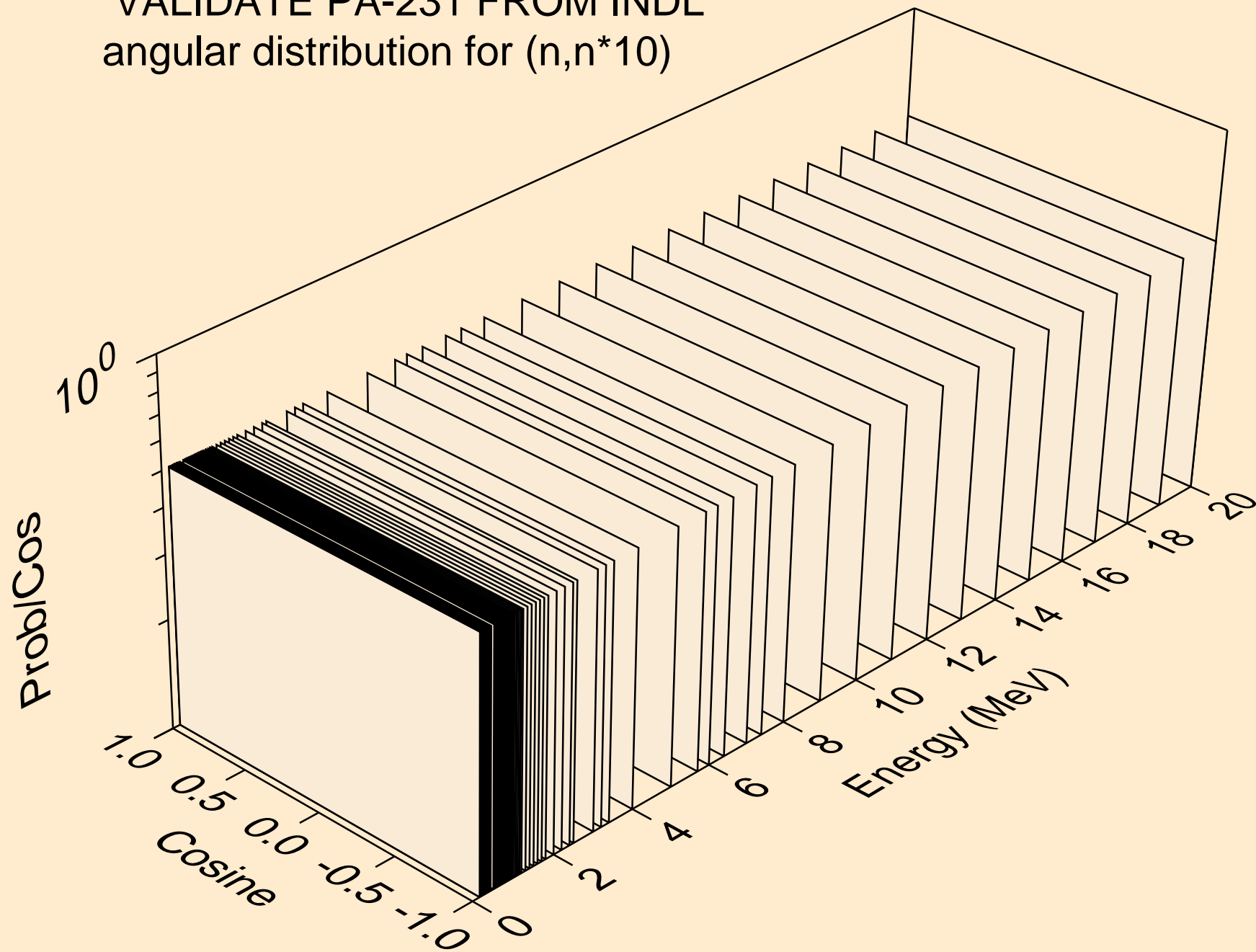
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*9)



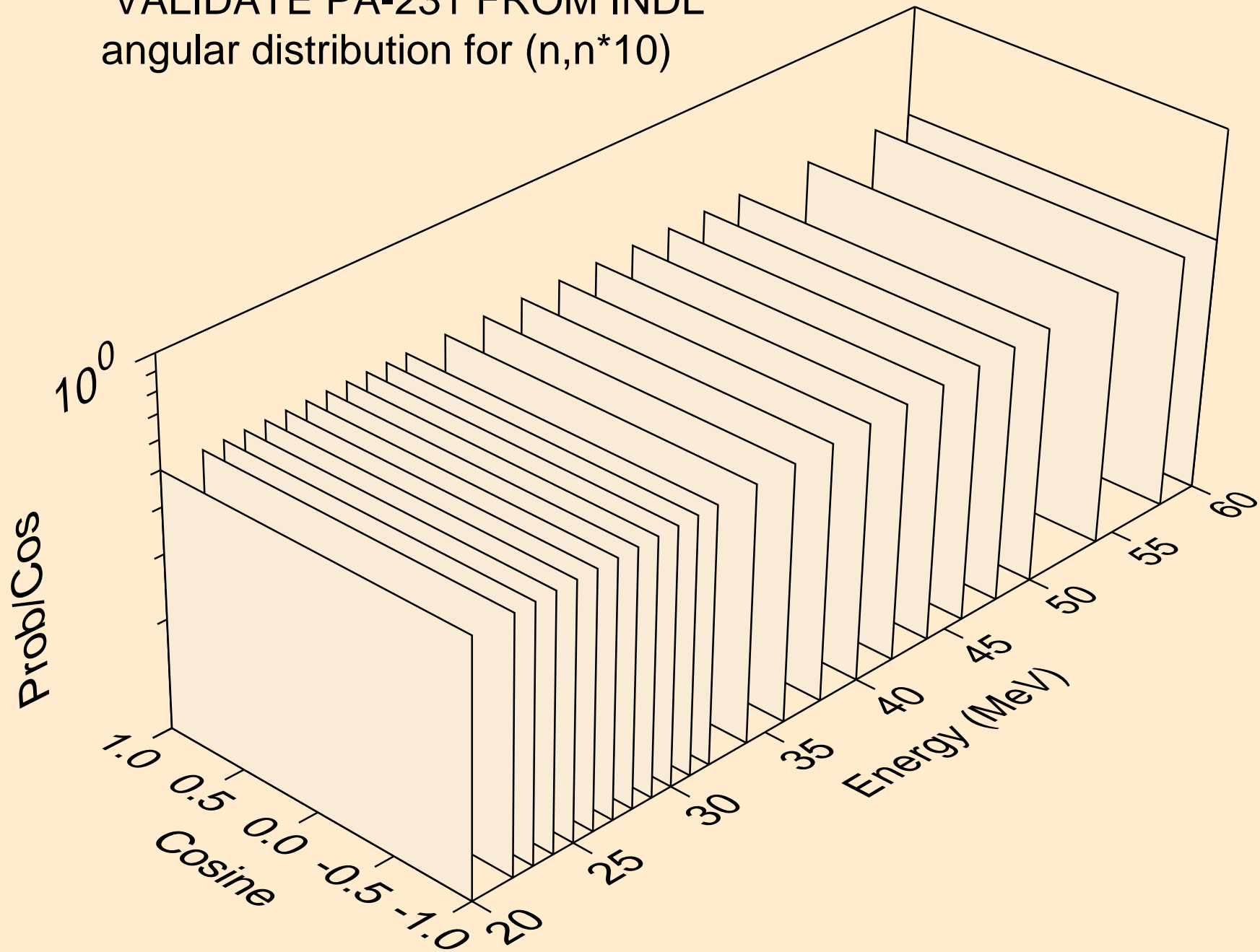
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*9)



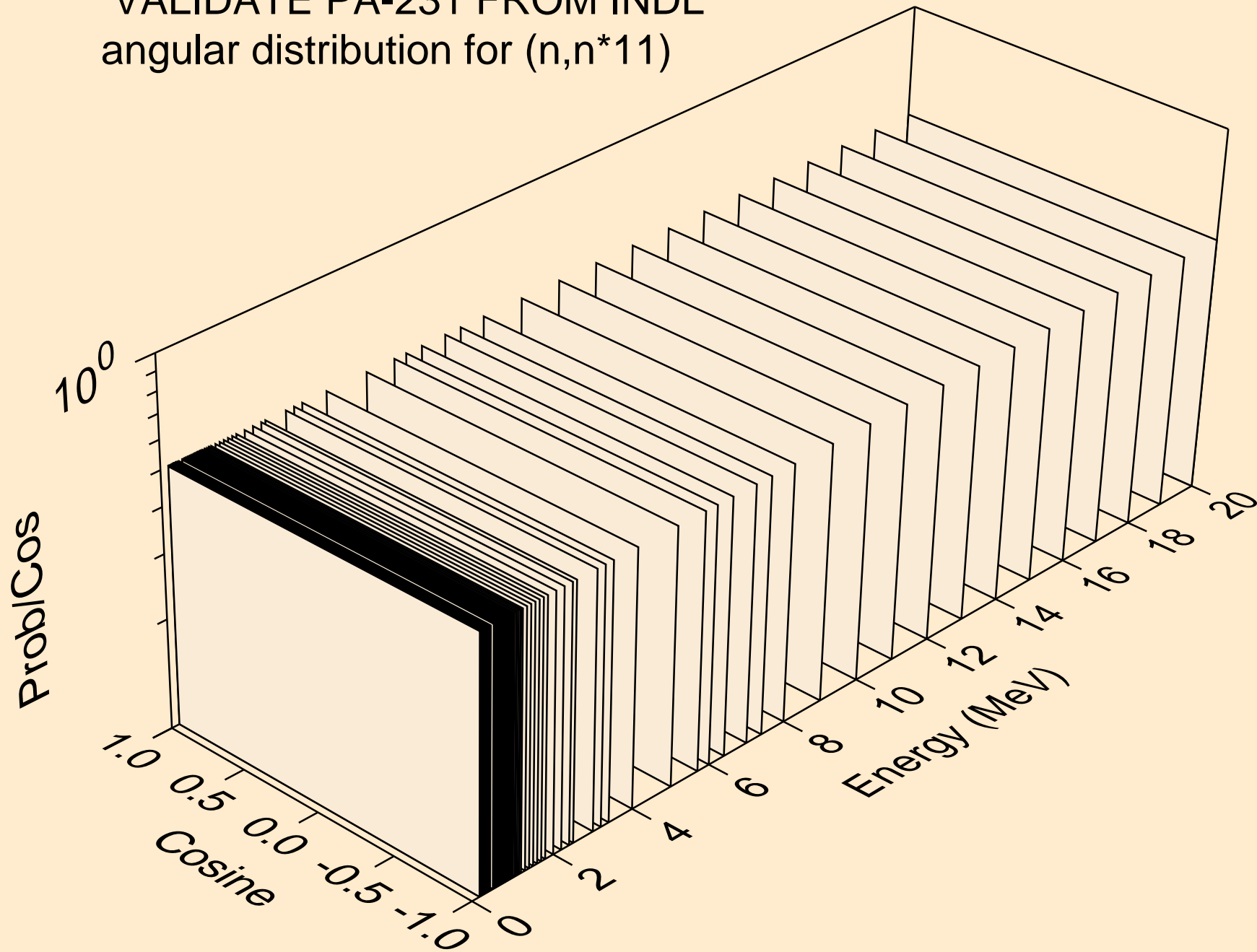
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*10)



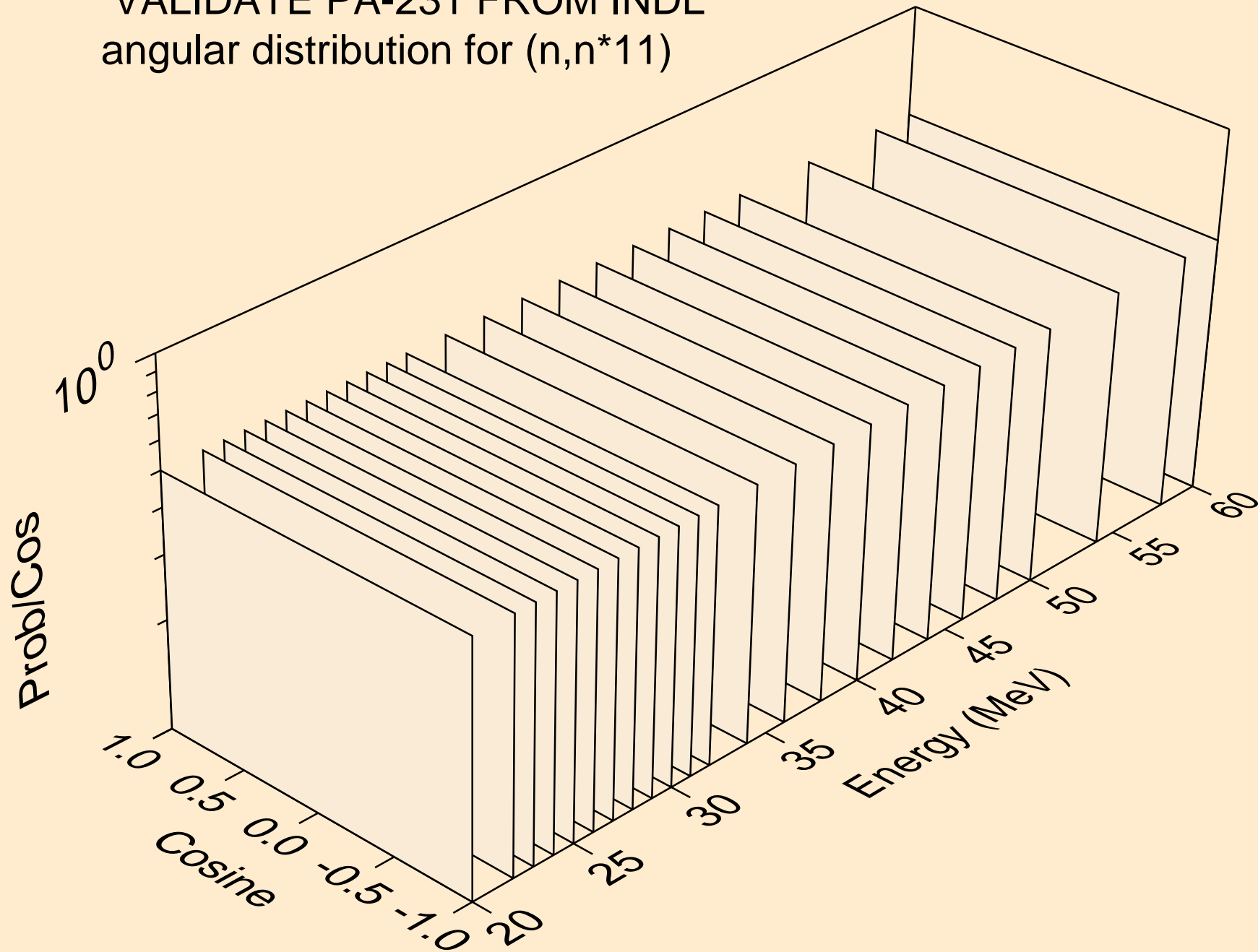
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*10)



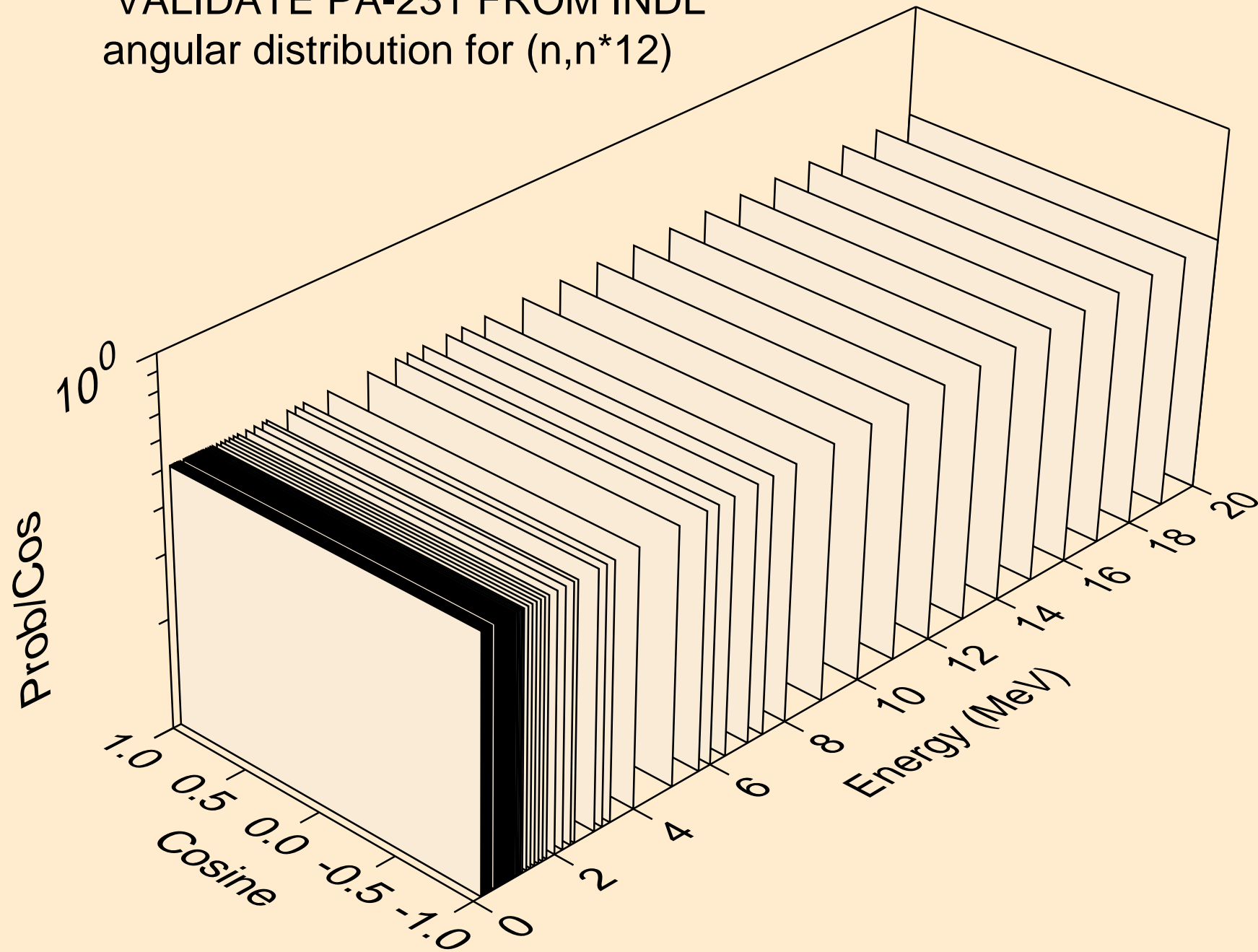
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*11)



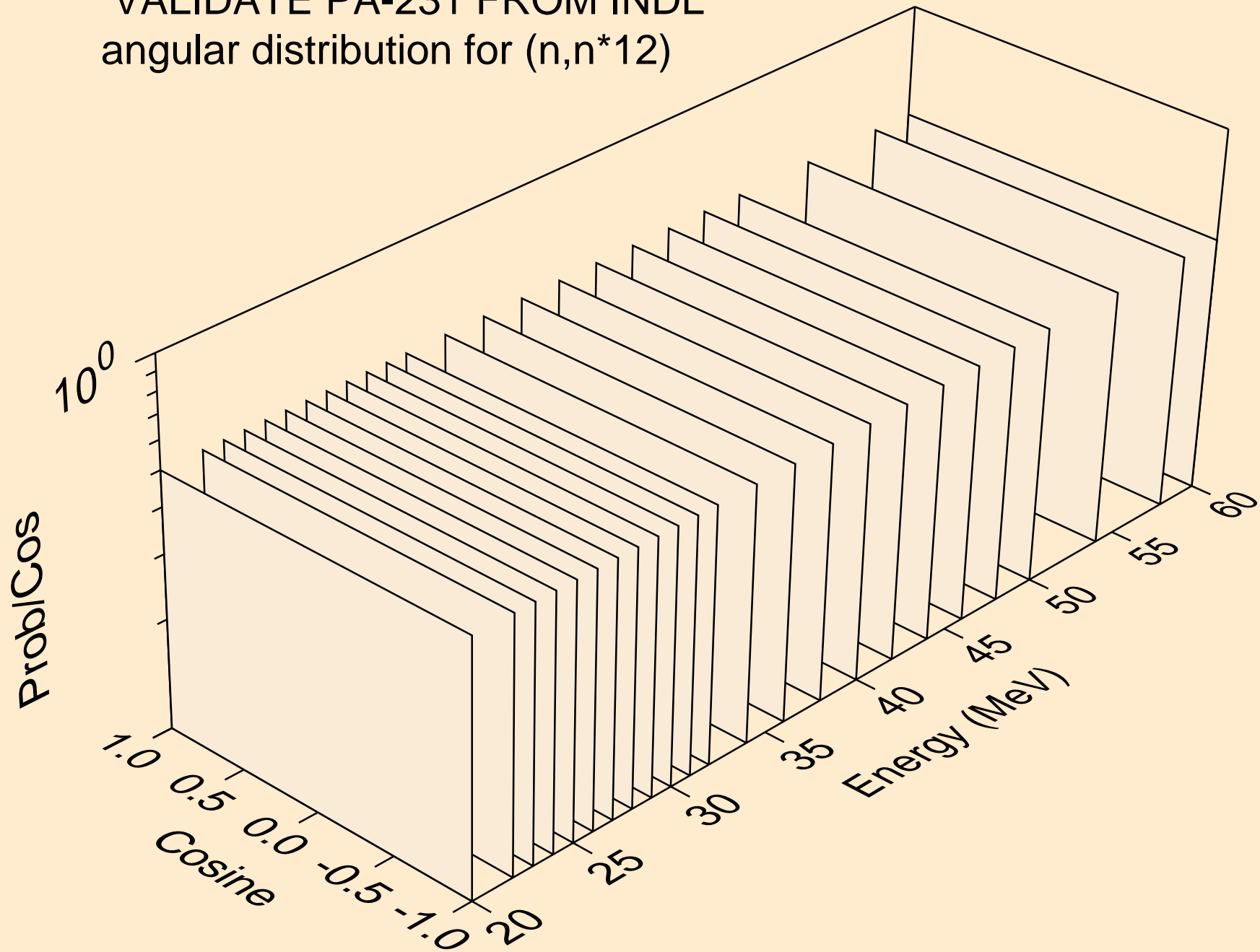
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*11)



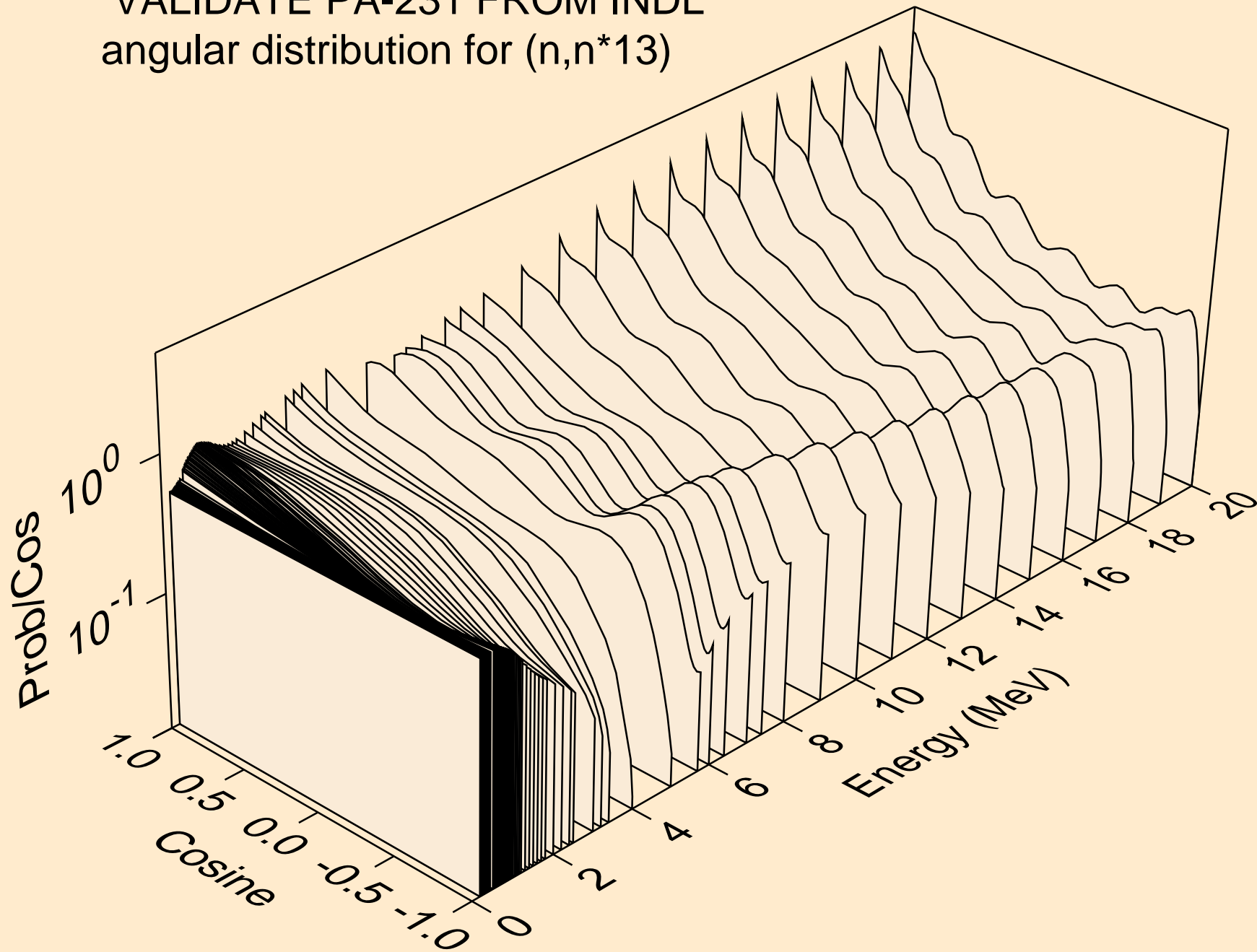
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*12)



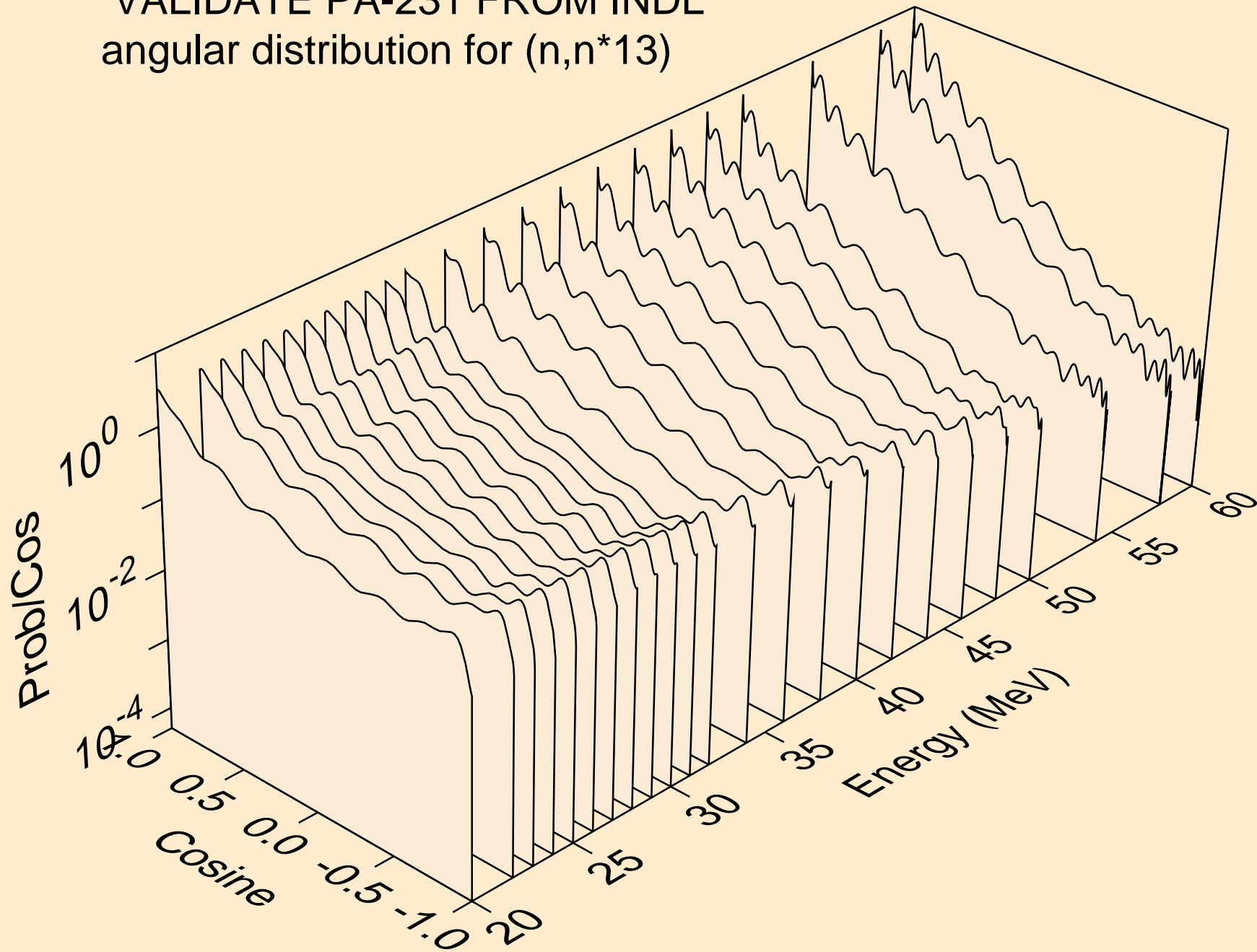
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*12)



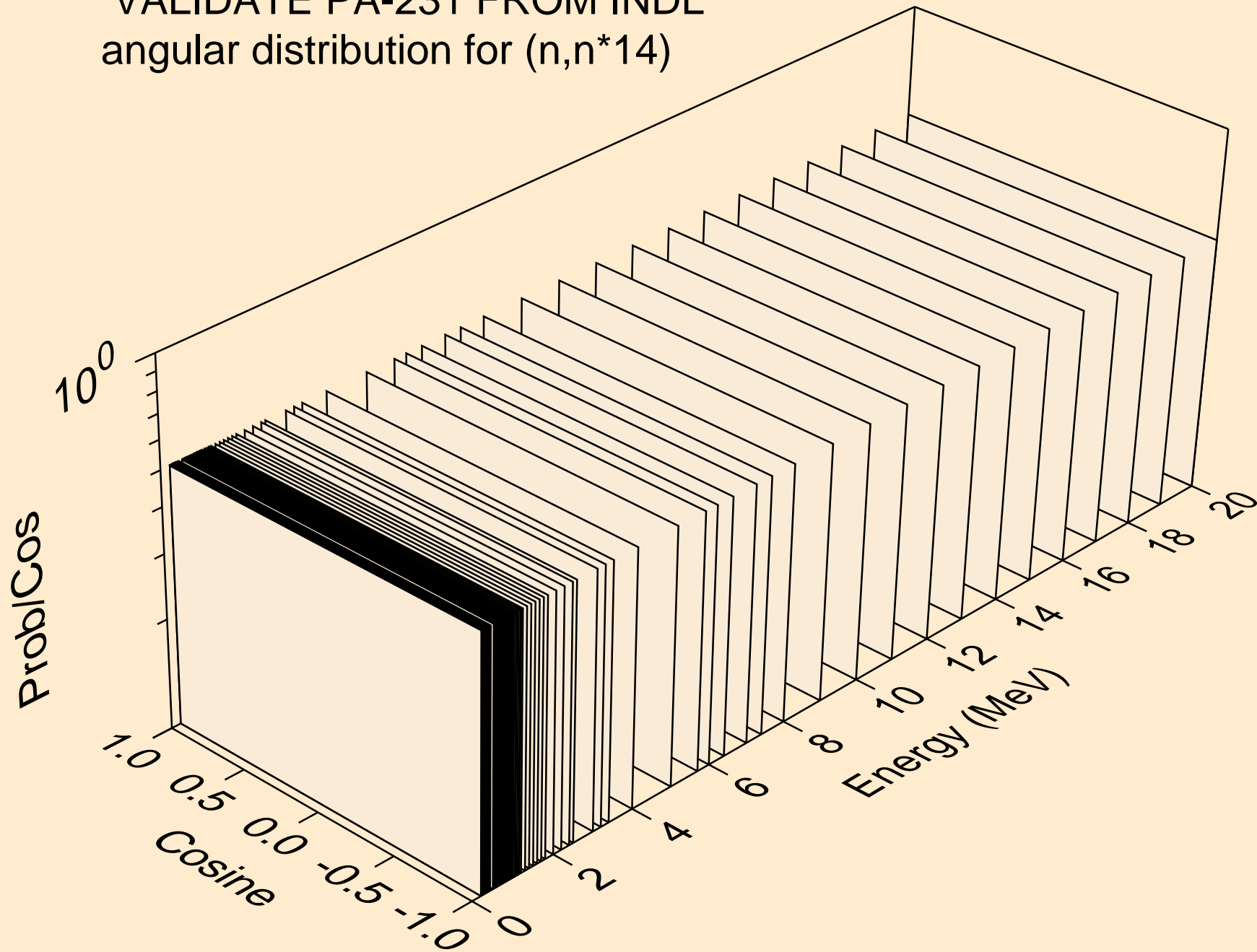
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*13)



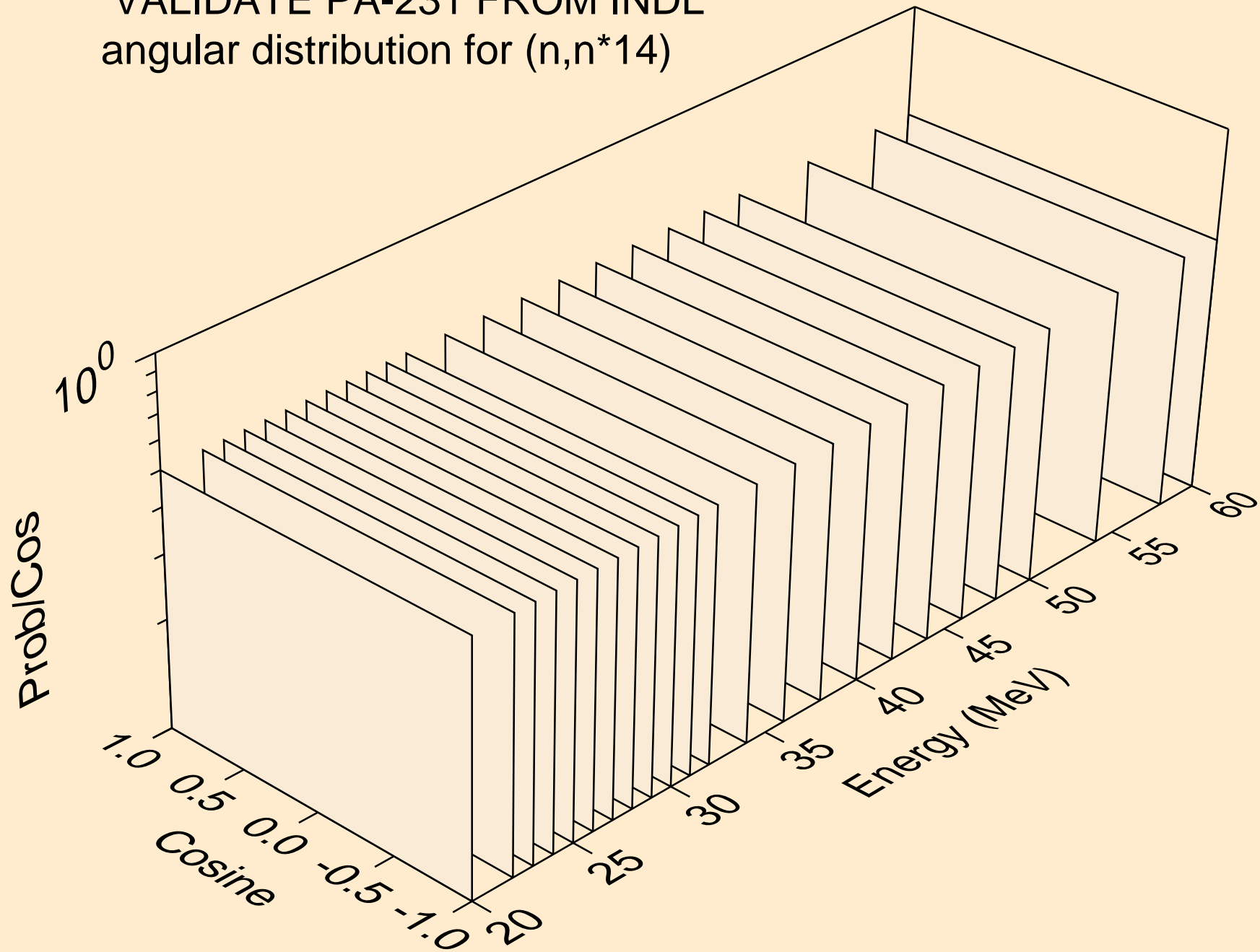
VALIDATE PA-231 FROM INDL
angular distribution for (n,n*13)



VALIDATE PA-231 FROM INDL
angular distribution for (n,n*14)

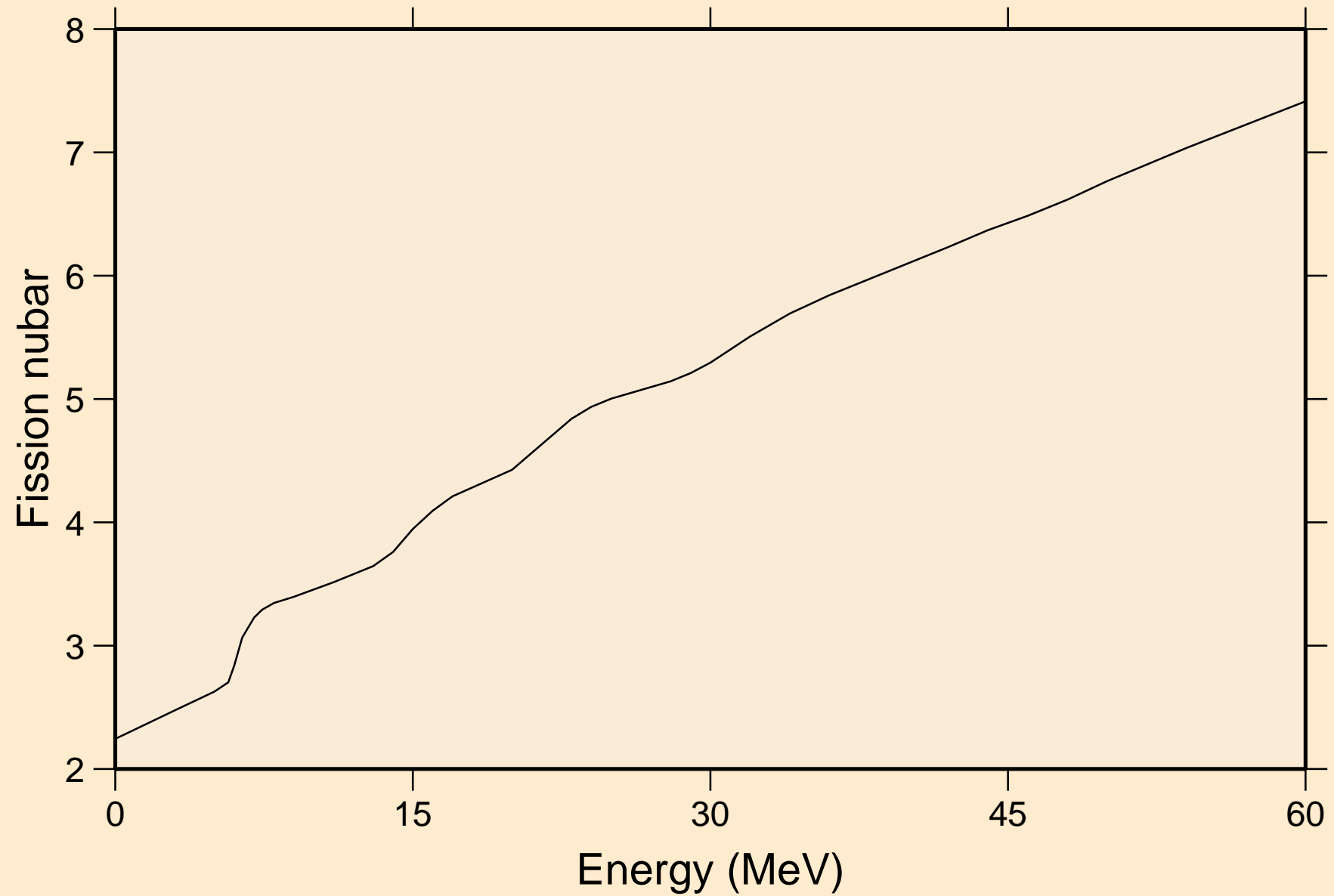


VALIDATE PA-231 FROM INDL
angular distribution for (n,n*14)

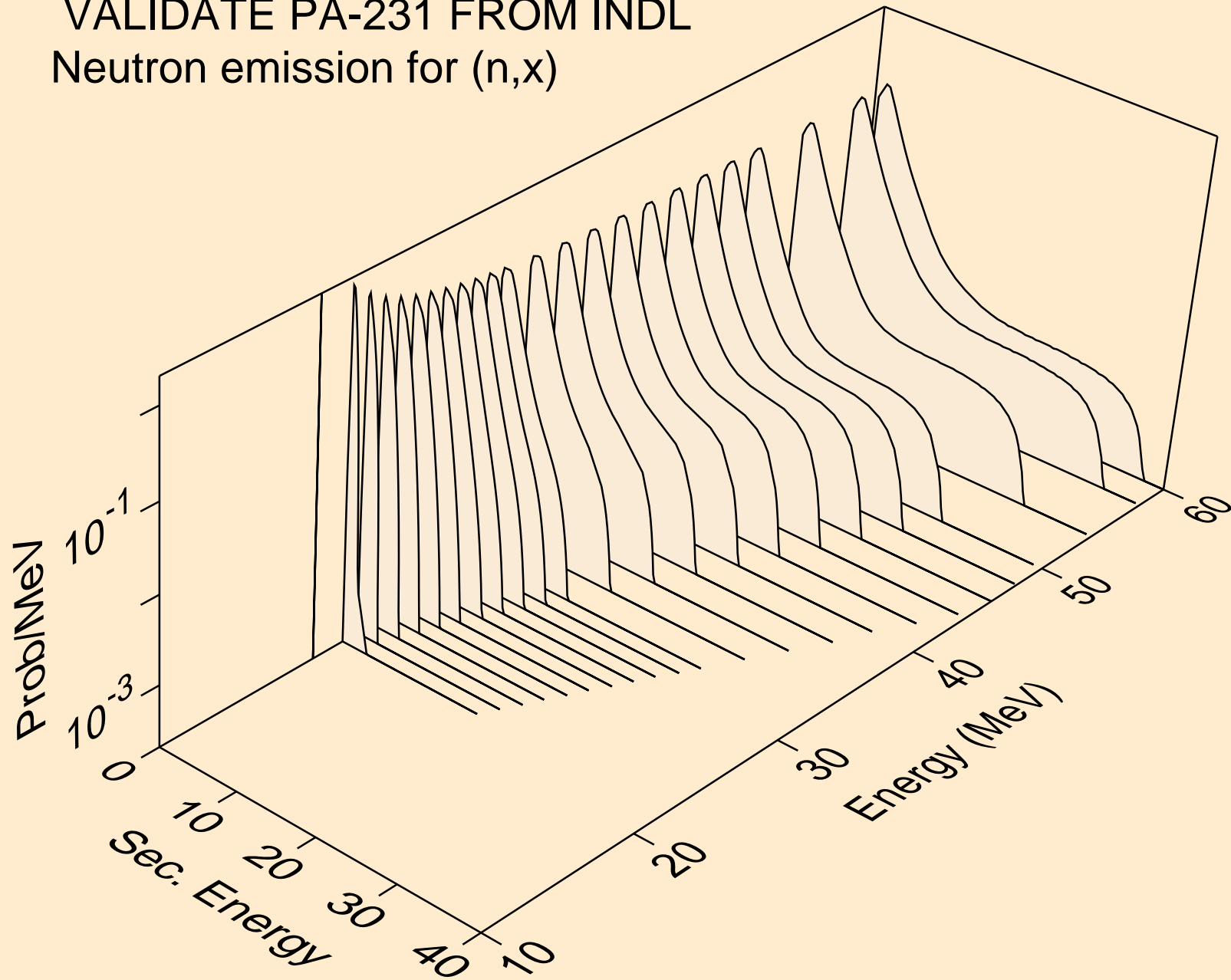


VALIDATE PA-231 FROM INDL

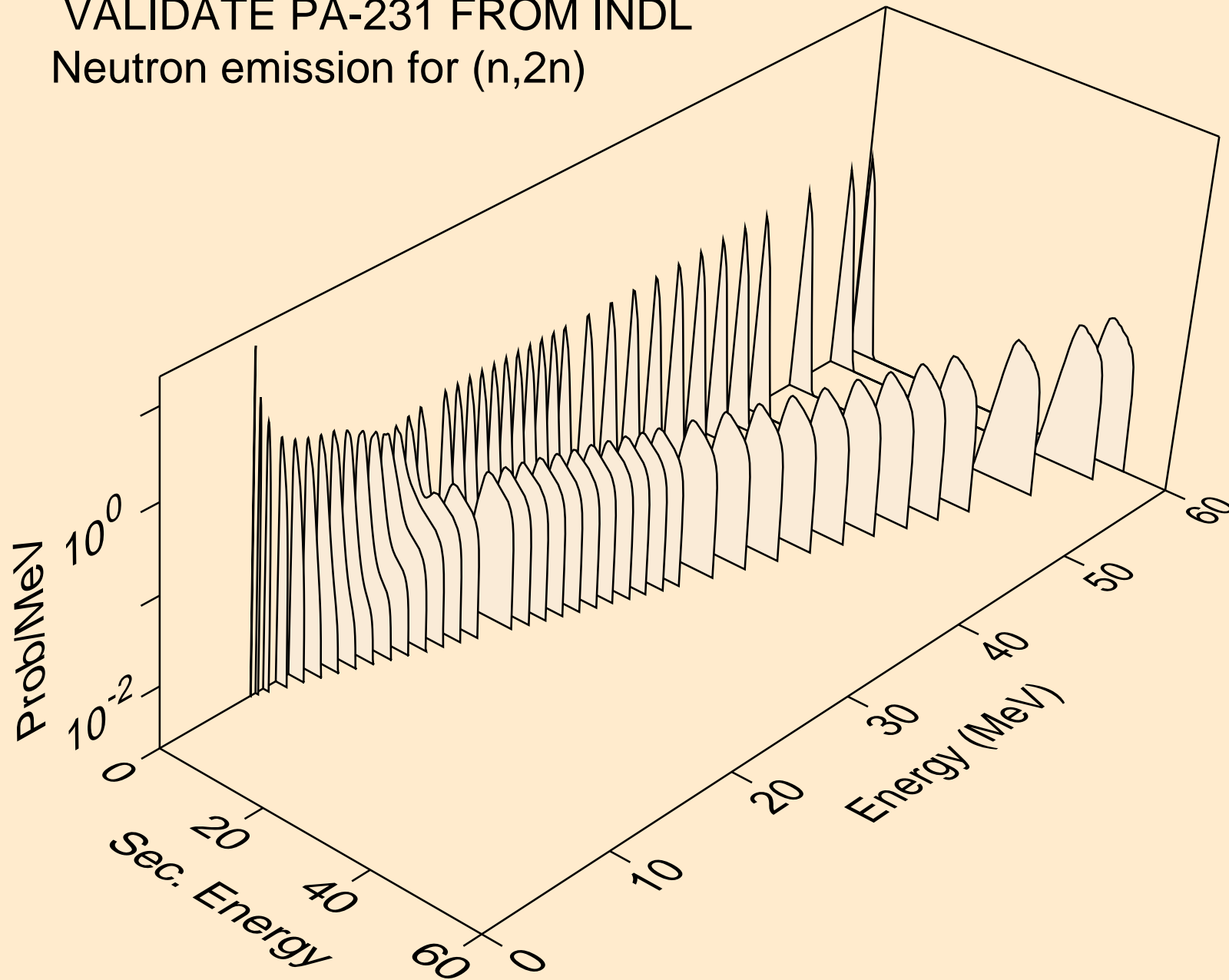
Total fission nubar



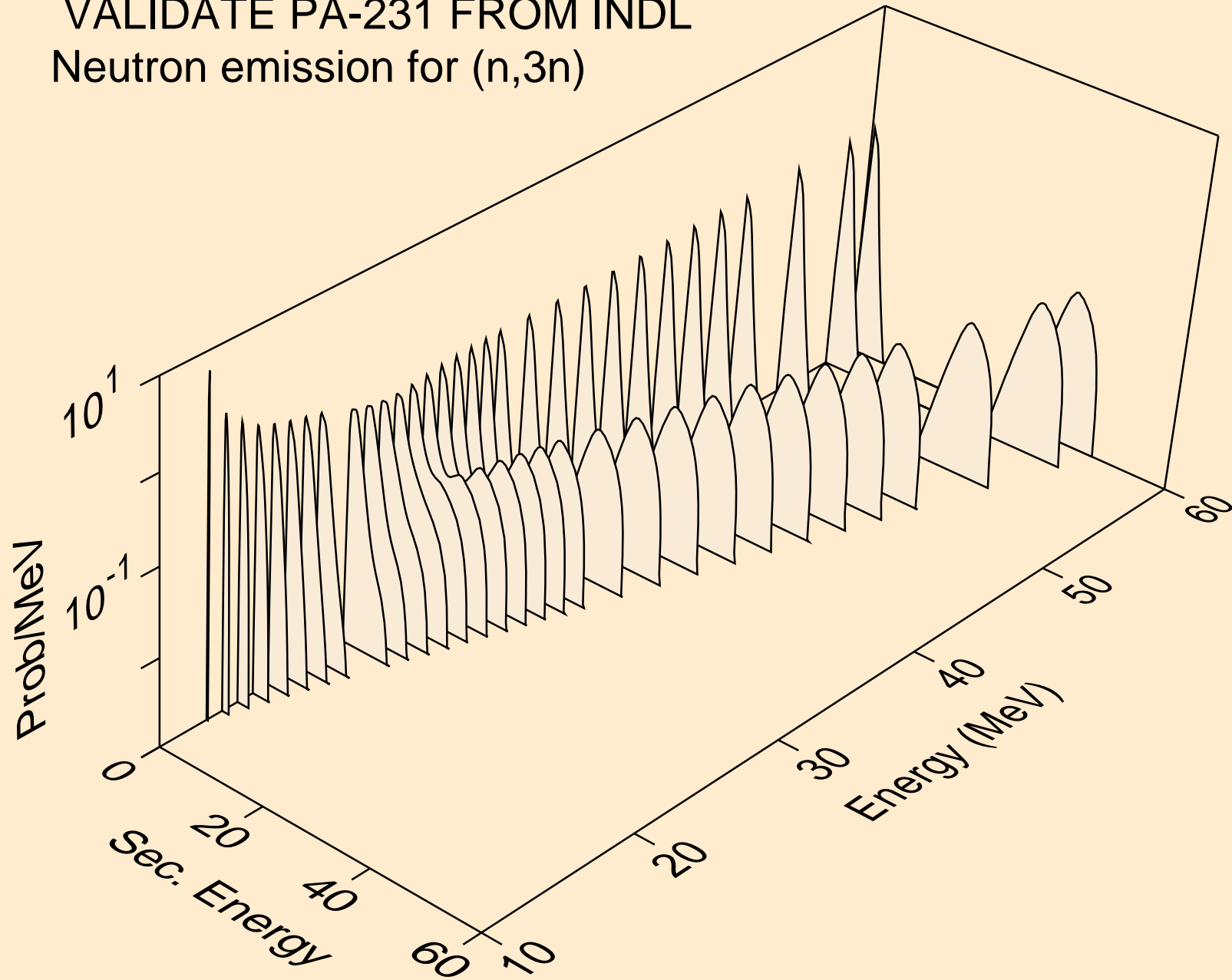
VALIDATE PA-231 FROM INDL
Neutron emission for (n,x)



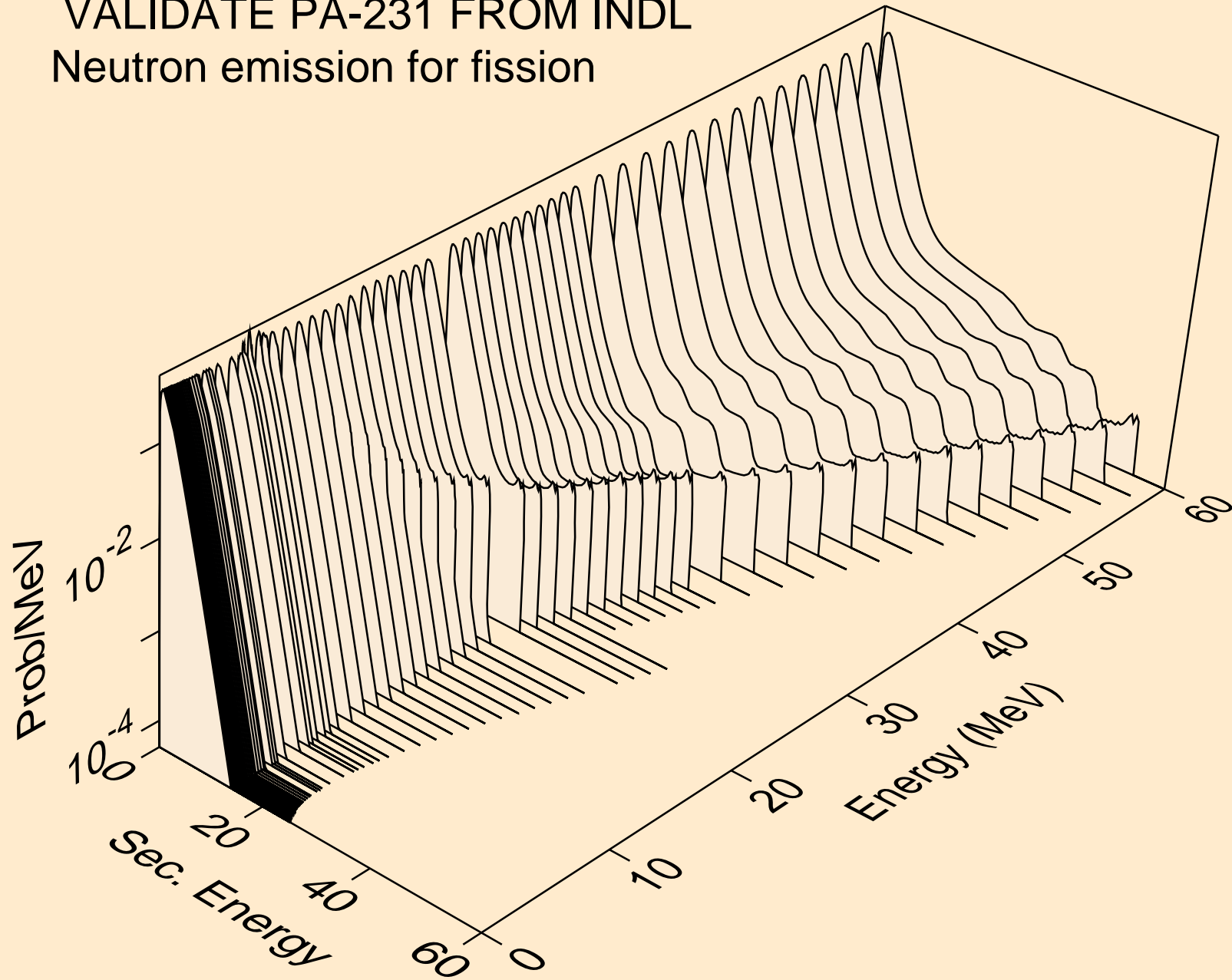
VALIDATE PA-231 FROM INDL
Neutron emission for (n,2n)



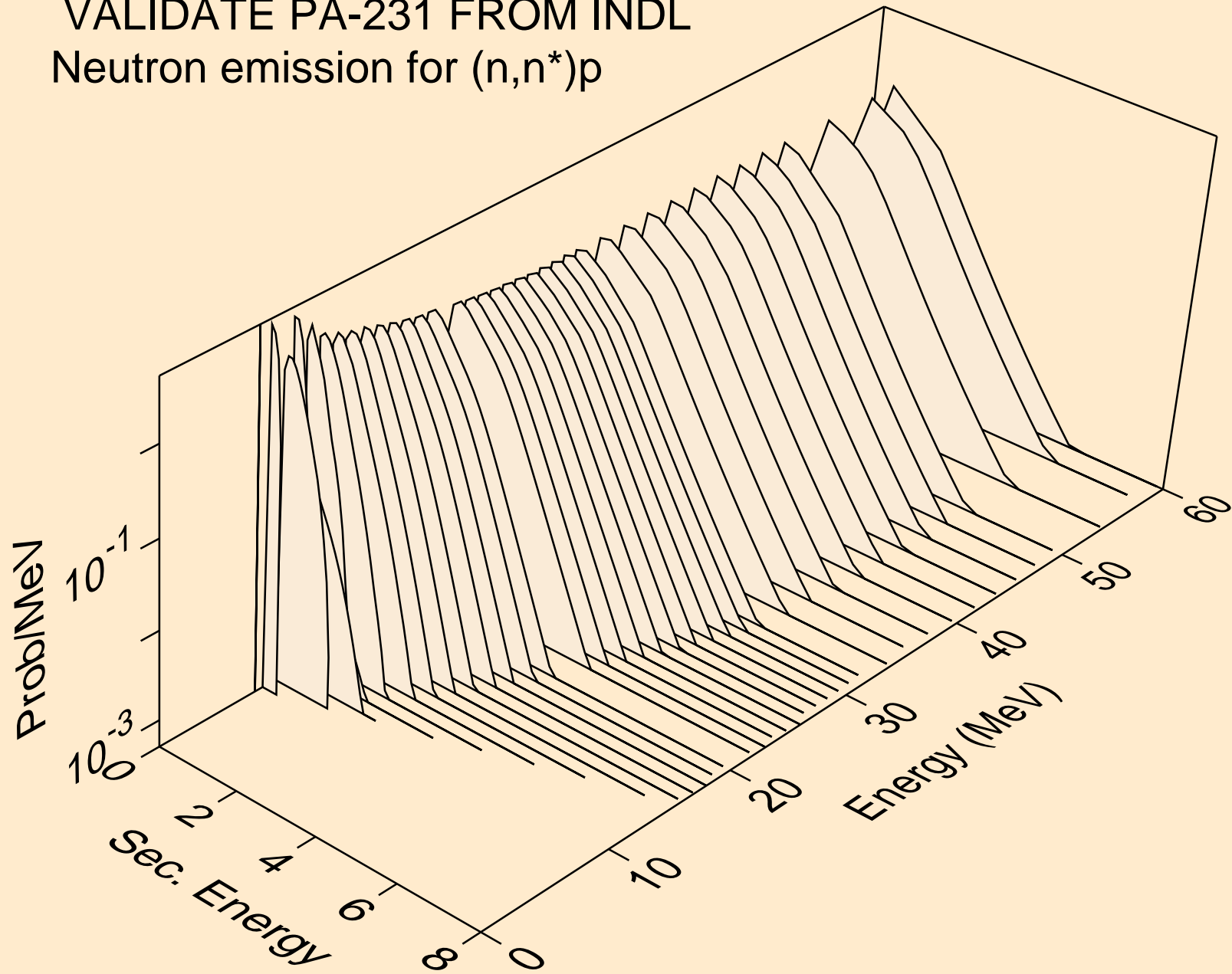
VALIDATE PA-231 FROM INDL
Neutron emission for (n,3n)



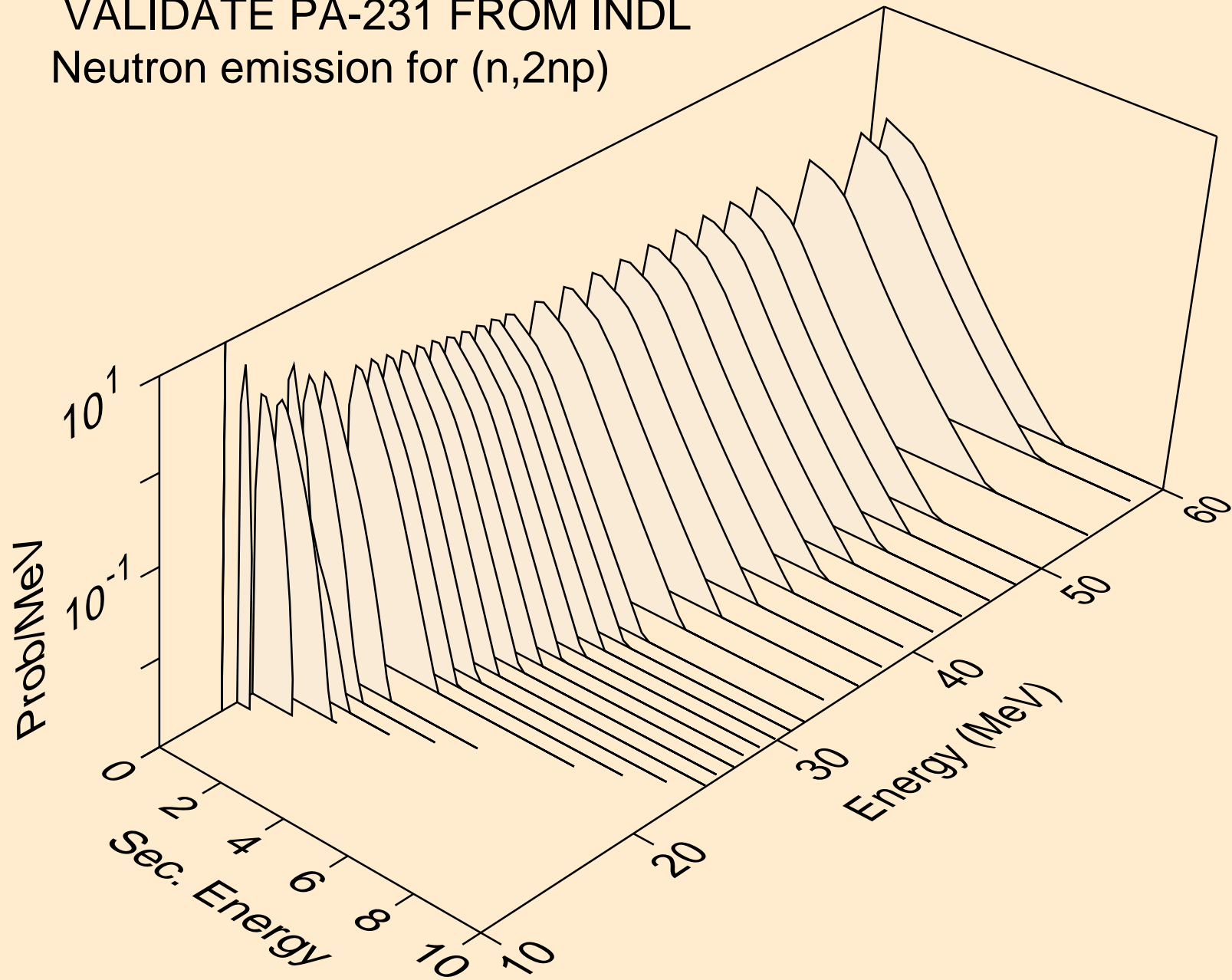
VALIDATE PA-231 FROM INDL
Neutron emission for fission



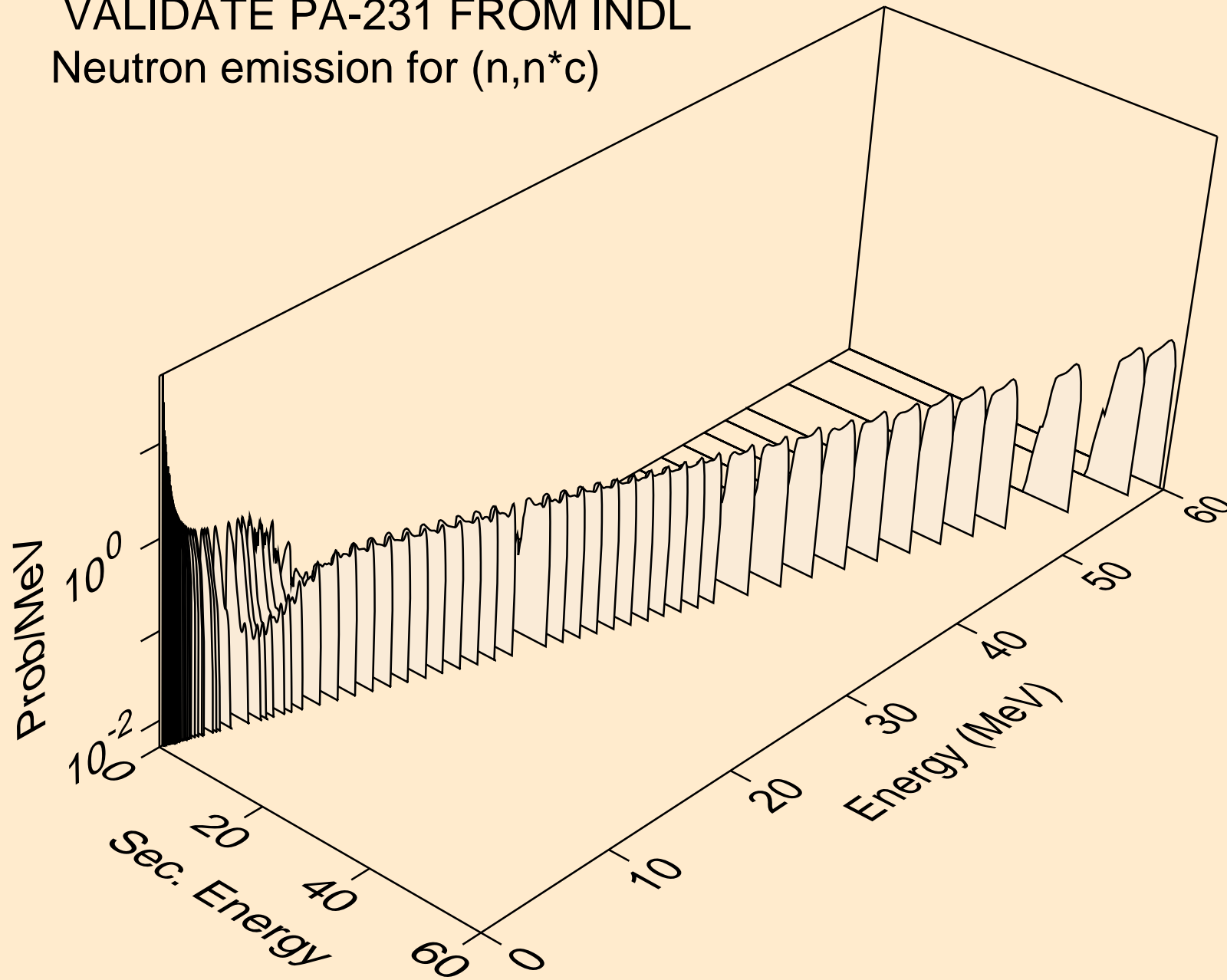
VALIDATE PA-231 FROM INDL
Neutron emission for (n,n*)p



VALIDATE PA-231 FROM INDL
Neutron emission for (n,2np)

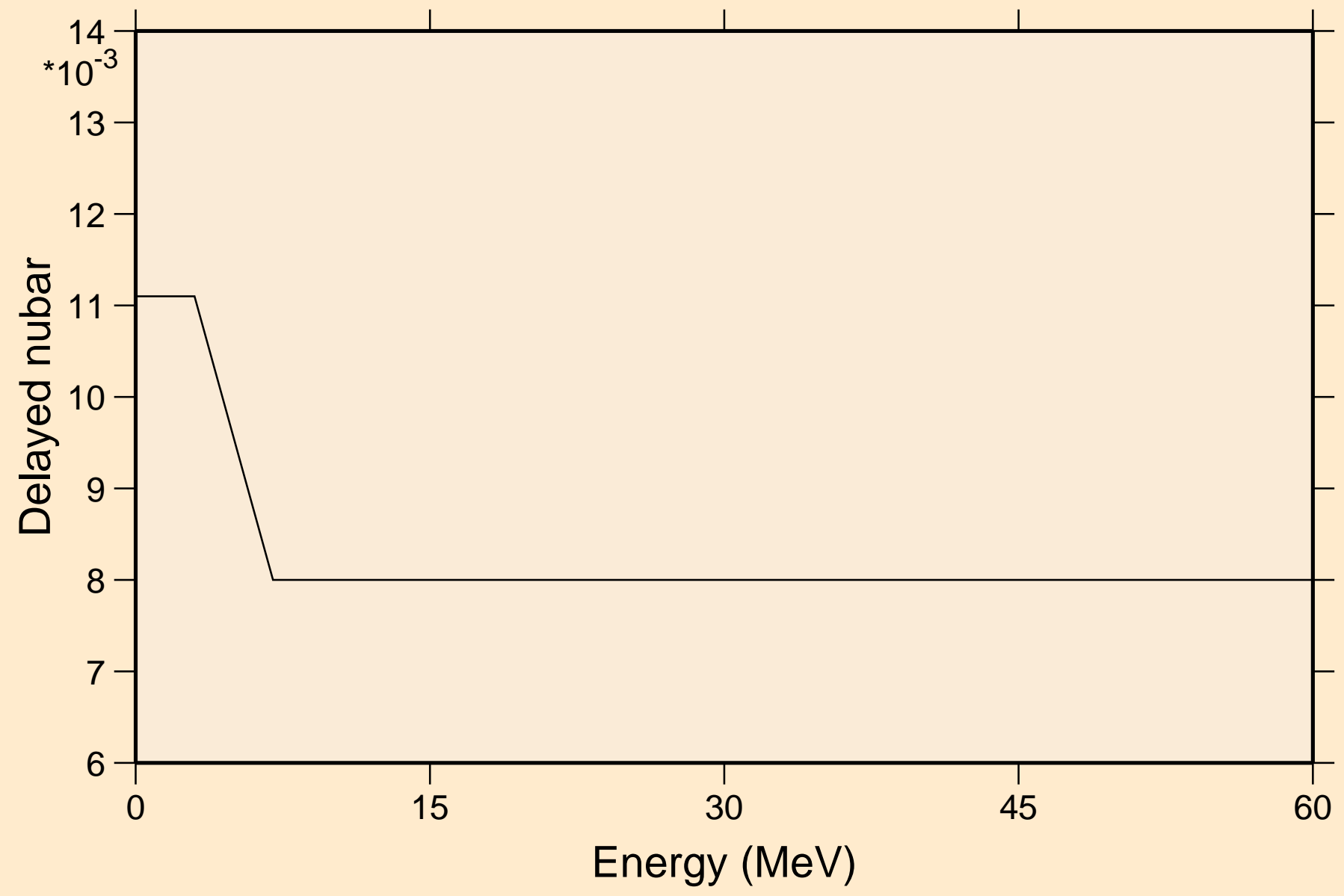


VALIDATE PA-231 FROM INDL
Neutron emission for (n,n*c)



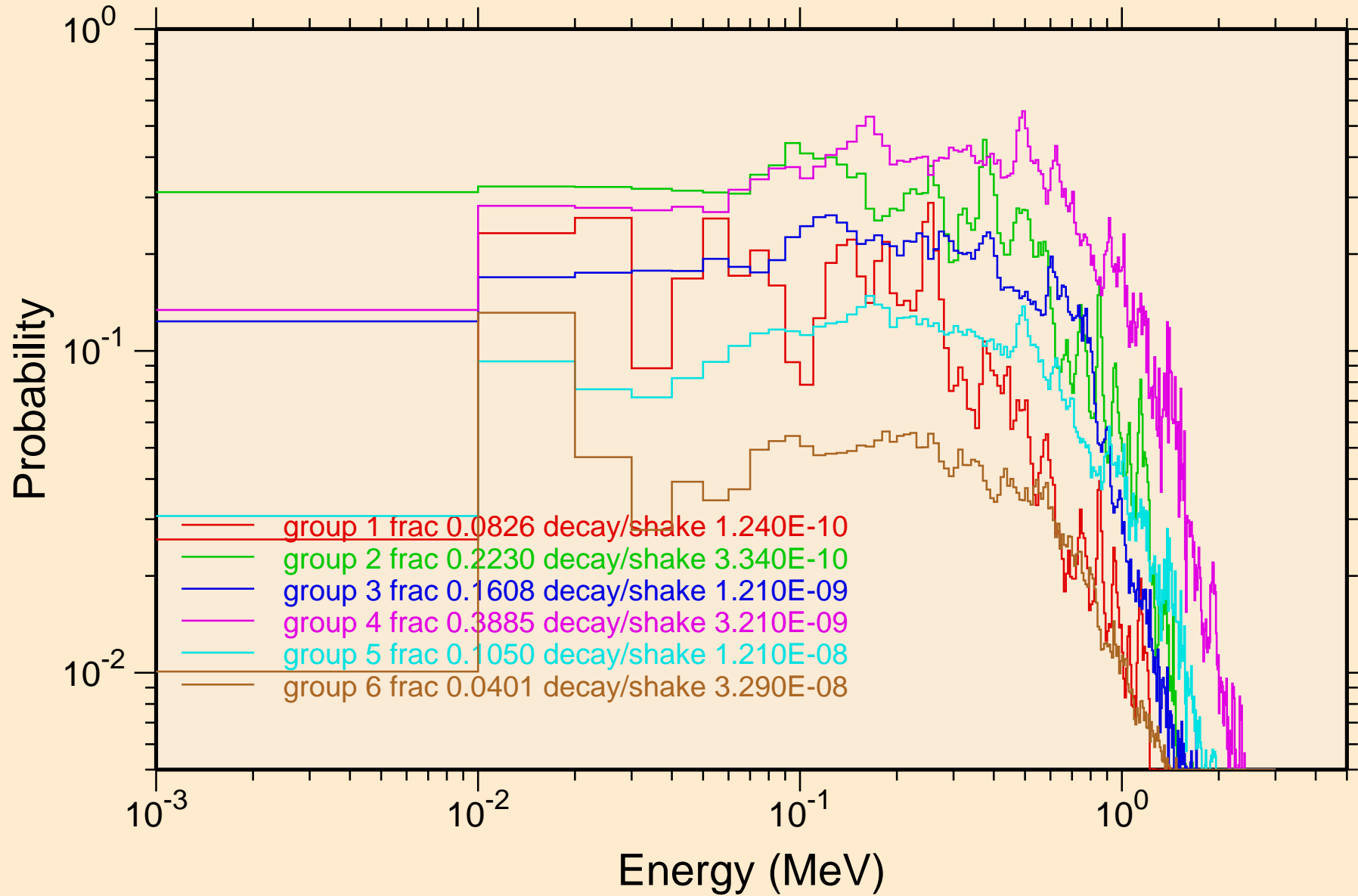
VALIDATE PA-231 FROM INDL

Delayed nubar

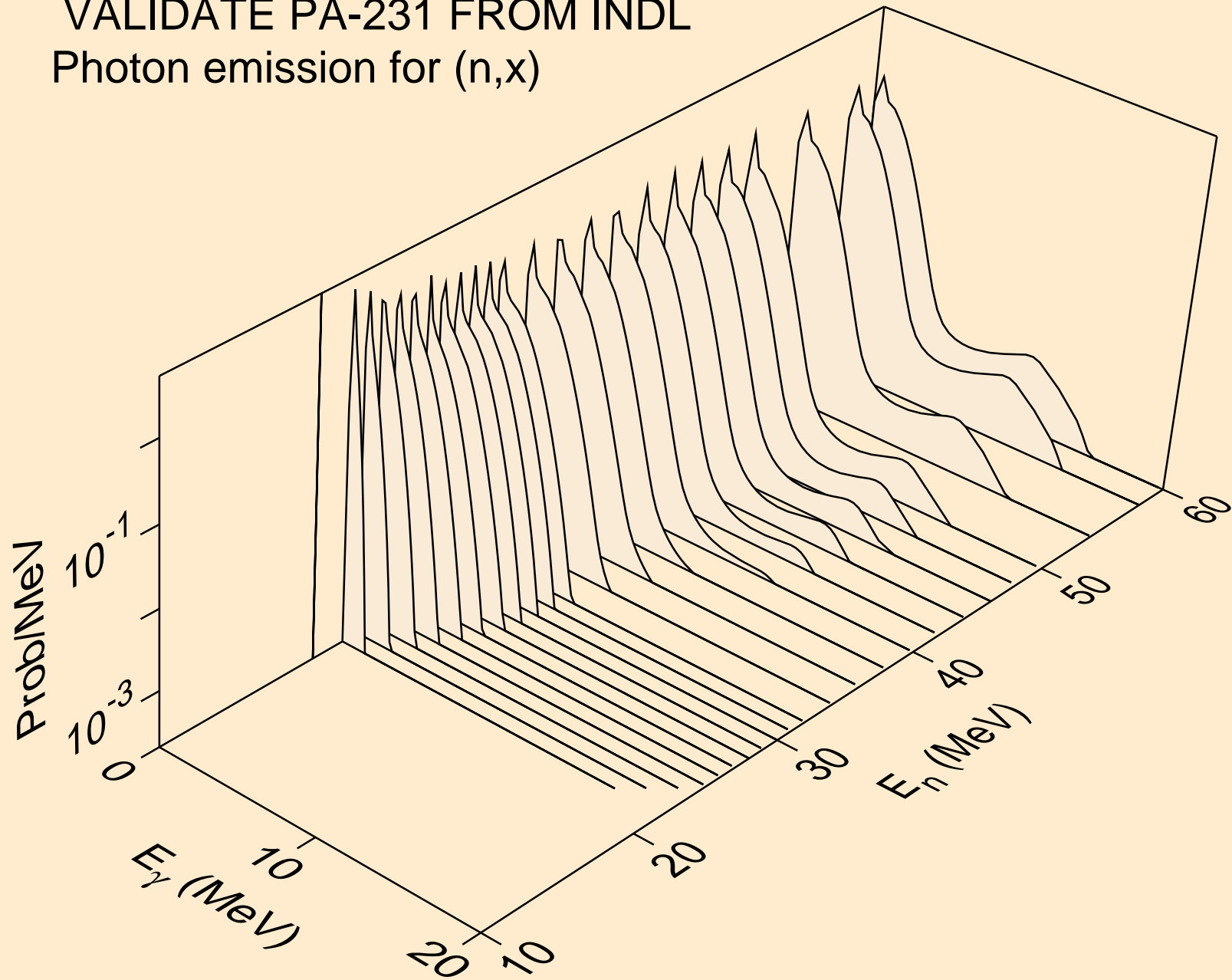


VALIDATE PA-231 FROM INDL

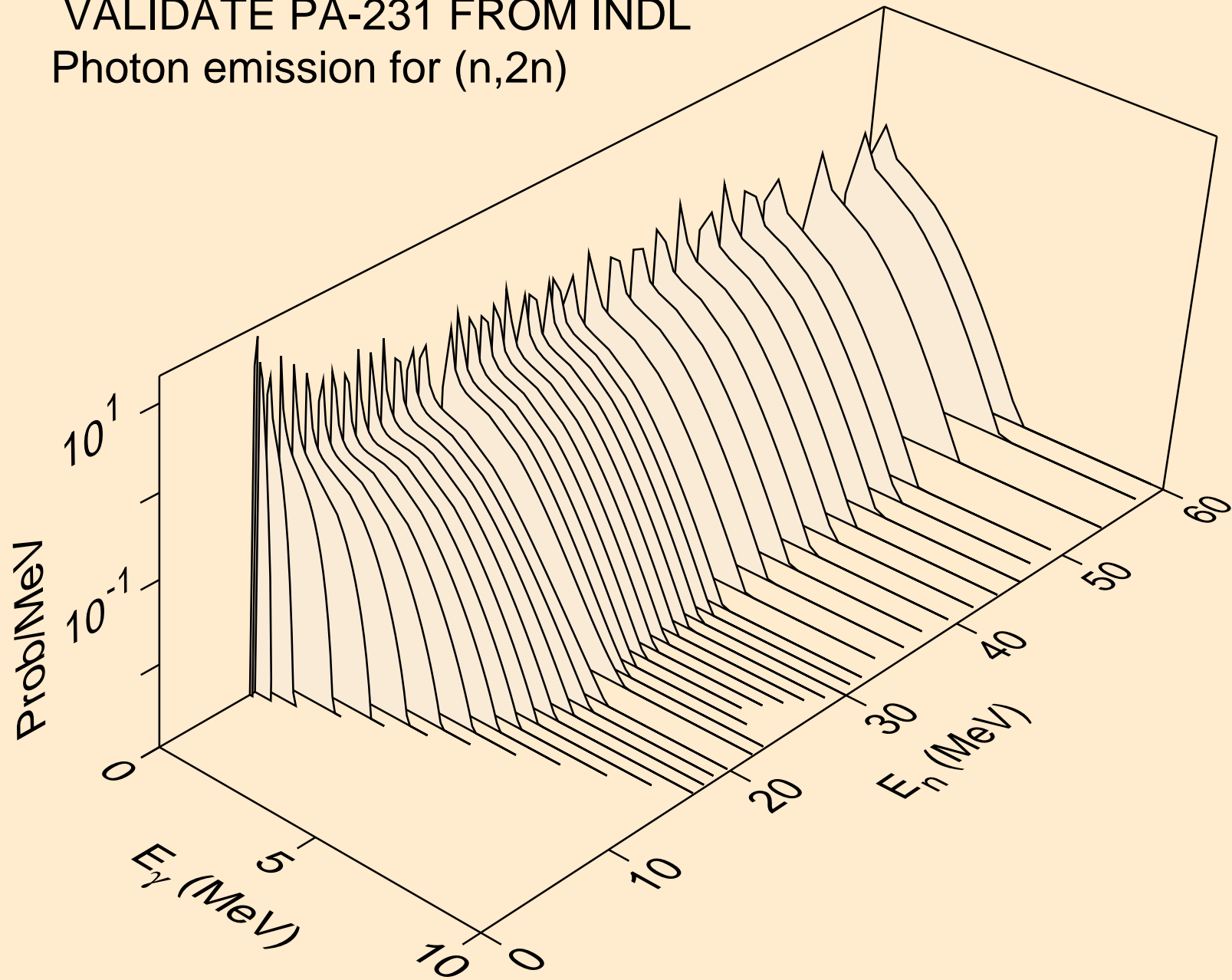
Delayed neutron spectra



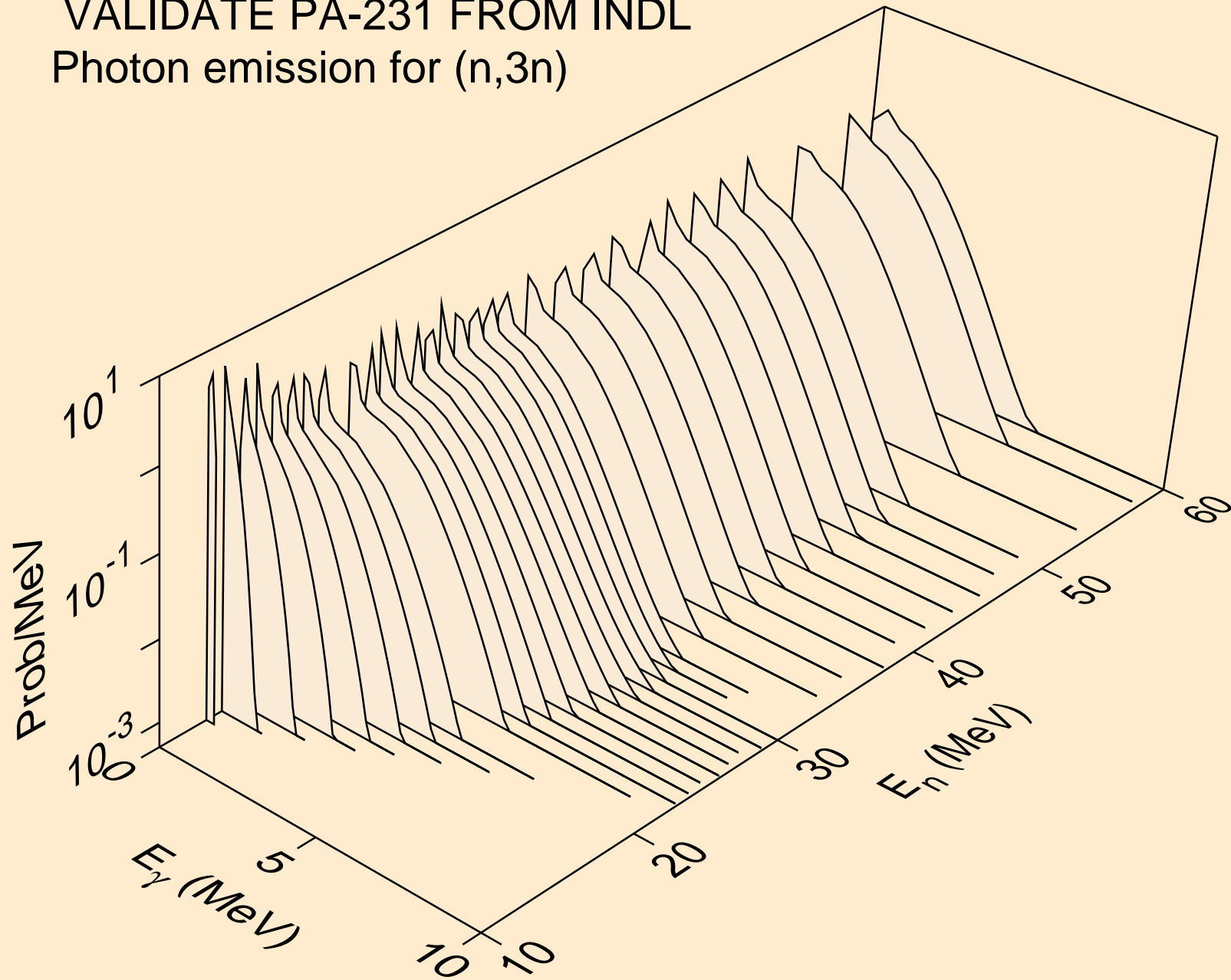
VALIDATE PA-231 FROM INDL
Photon emission for (n,x)



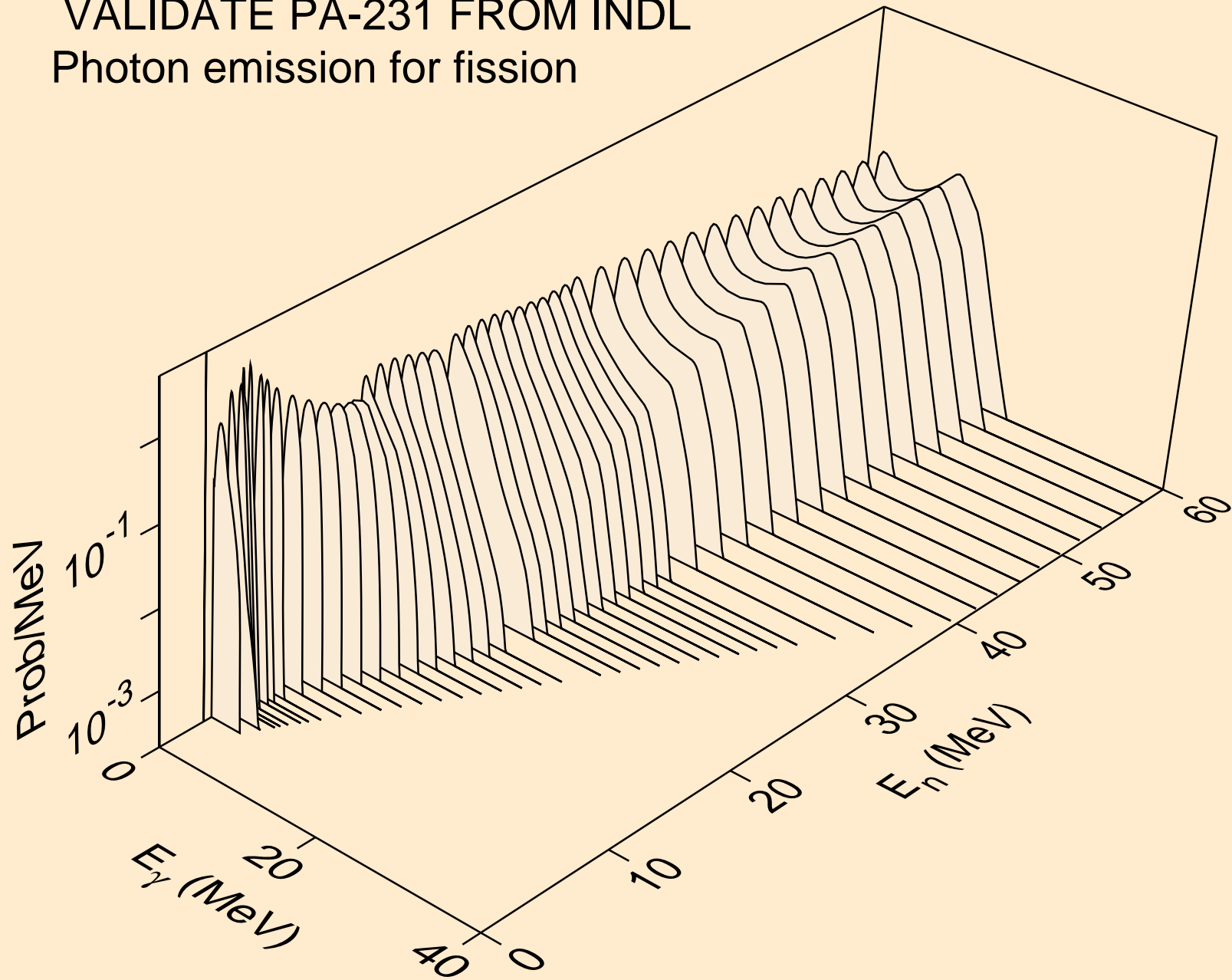
VALIDATE PA-231 FROM INDL
Photon emission for (n,2n)



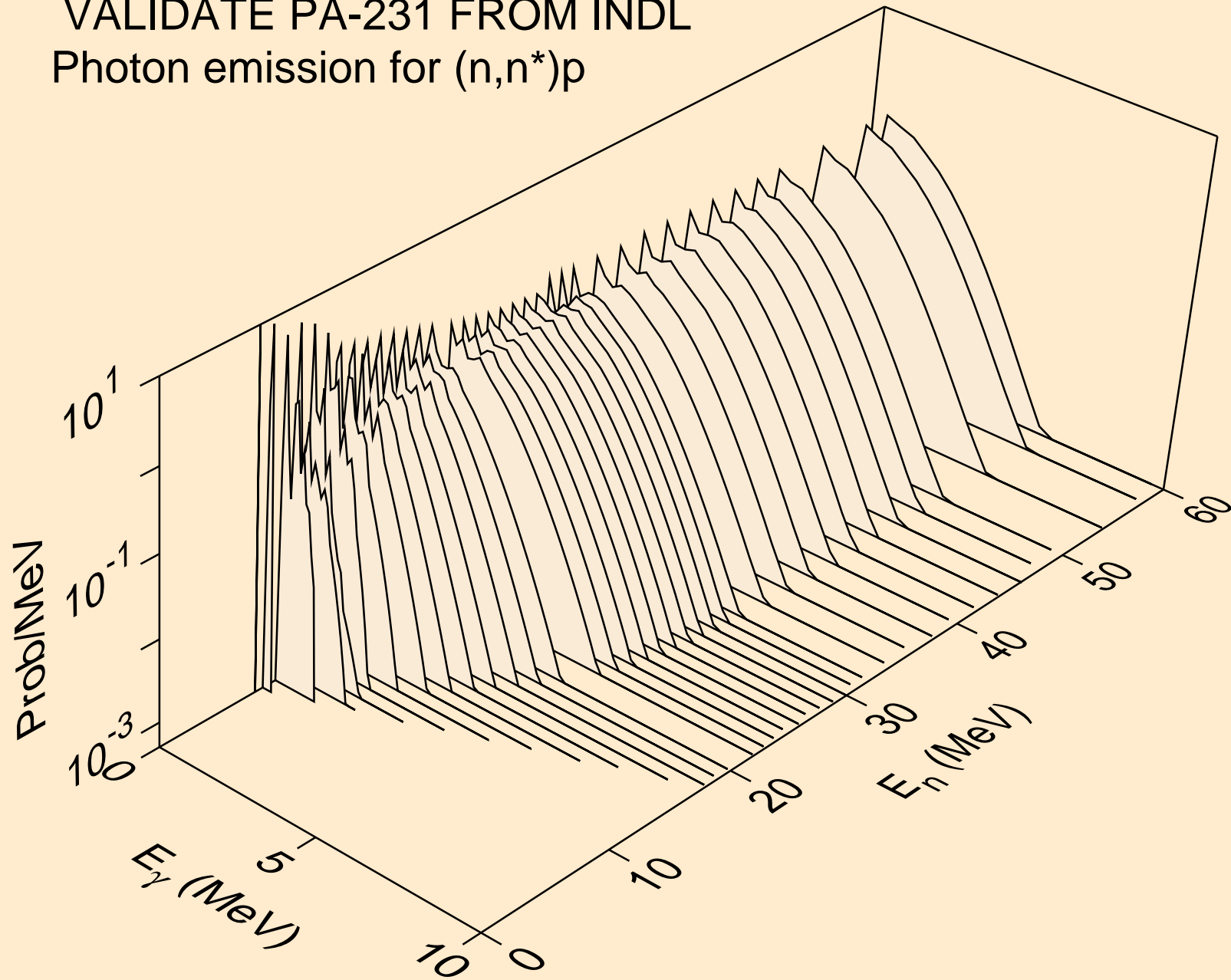
VALIDATE PA-231 FROM INDL
Photon emission for (n,3n)



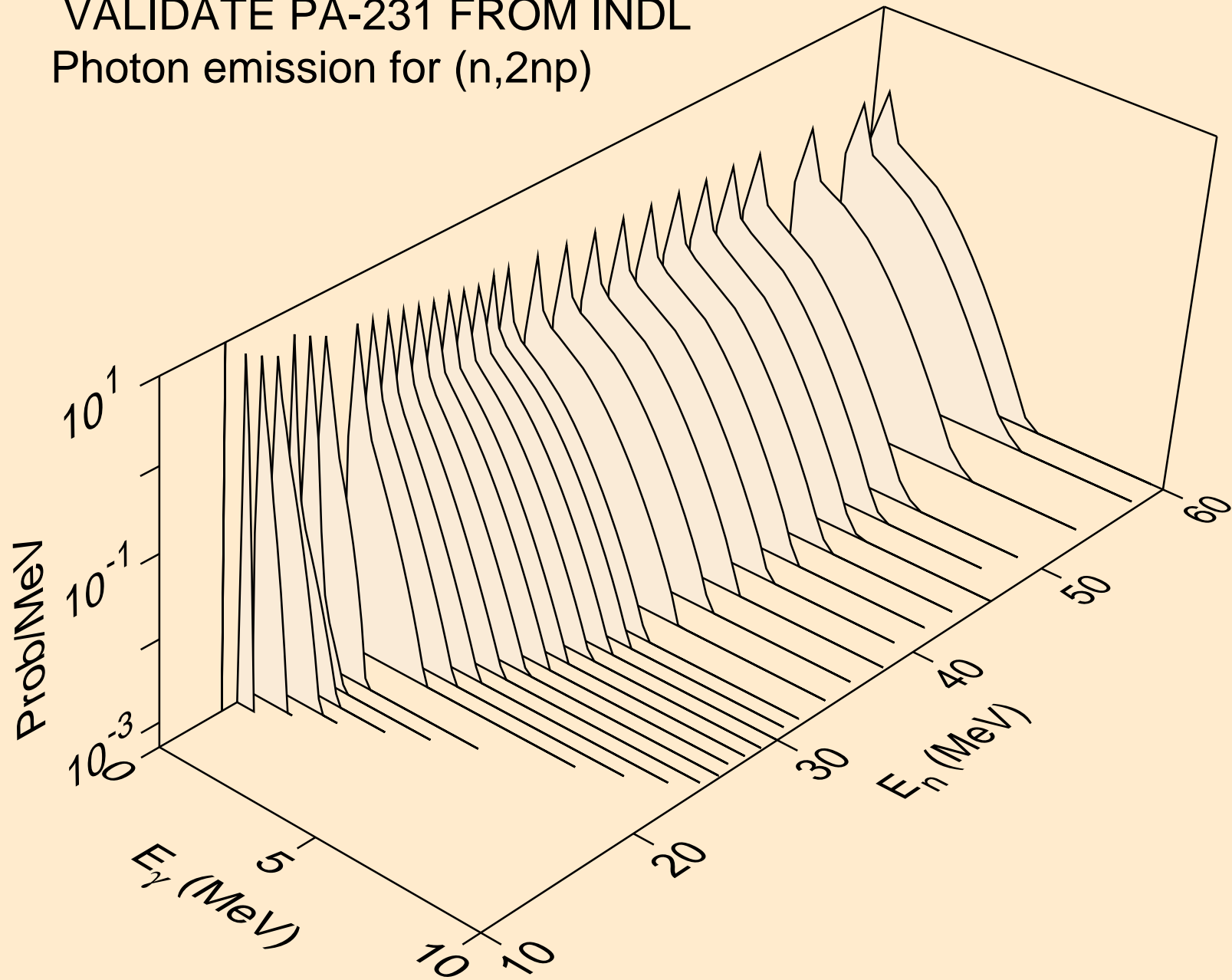
VALIDATE PA-231 FROM INDL
Photon emission for fission



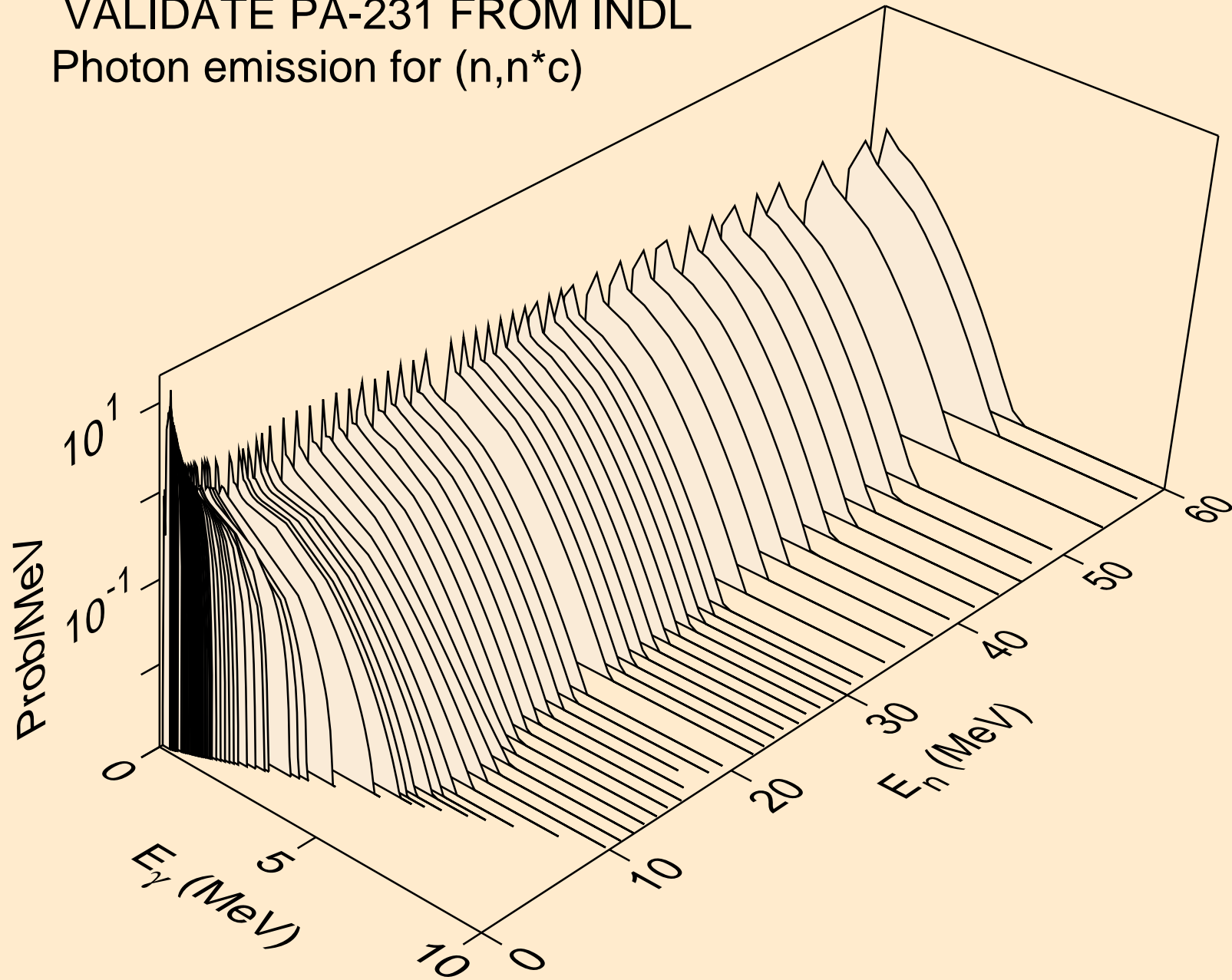
VALIDATE PA-231 FROM INDL
Photon emission for (n,n*)p



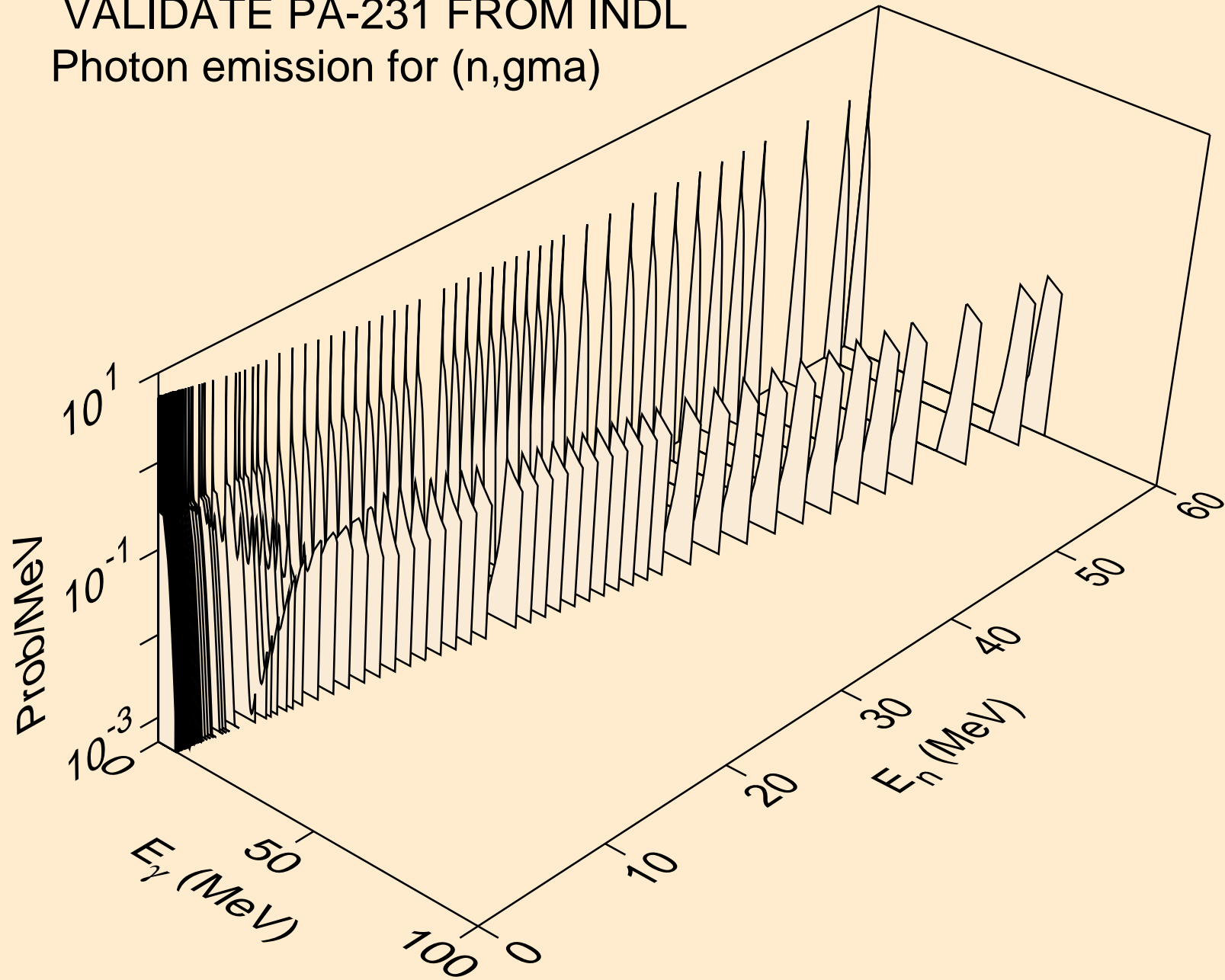
VALIDATE PA-231 FROM INDL
Photon emission for (n,2np)



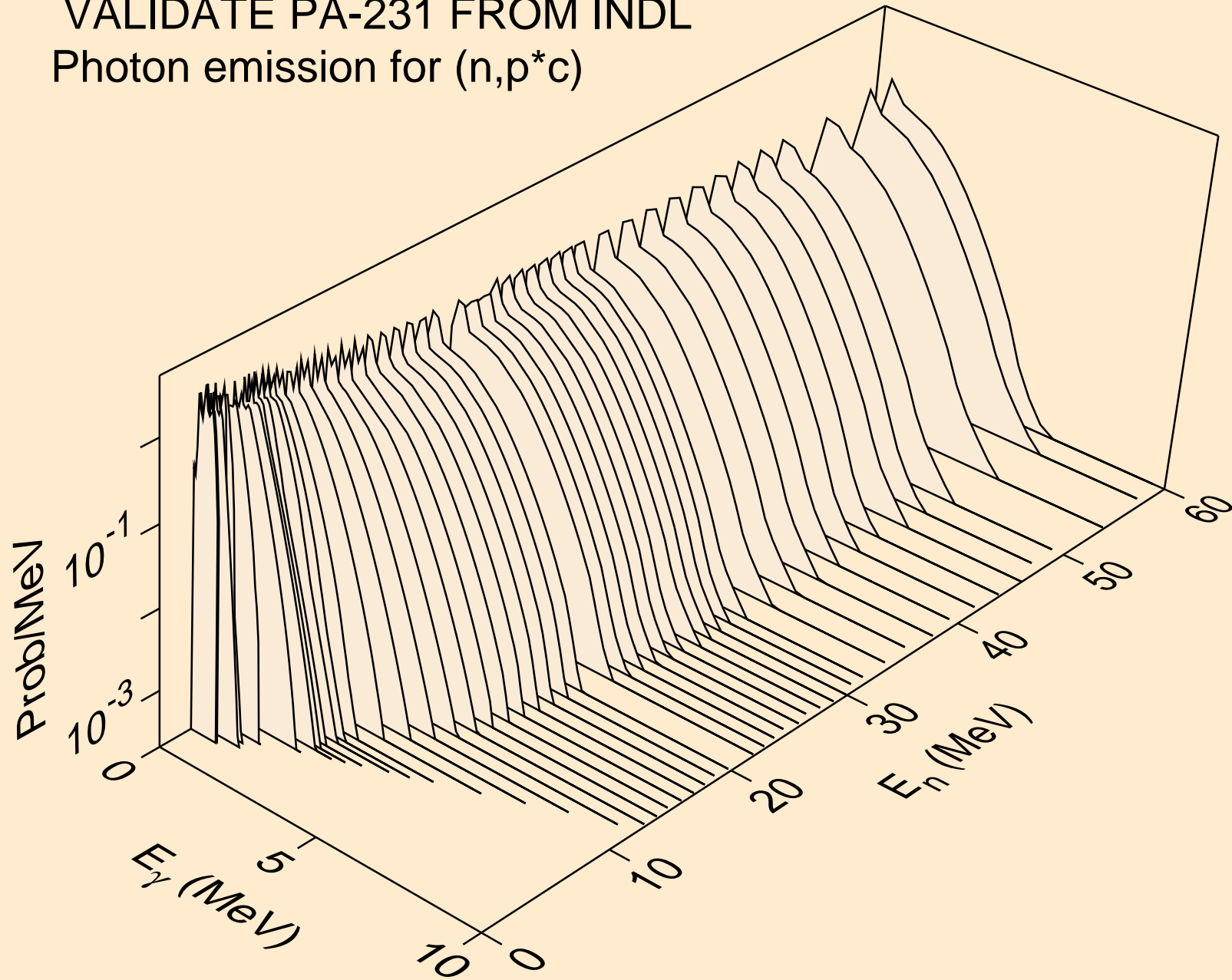
VALIDATE PA-231 FROM INDL
Photon emission for (n,n*c)



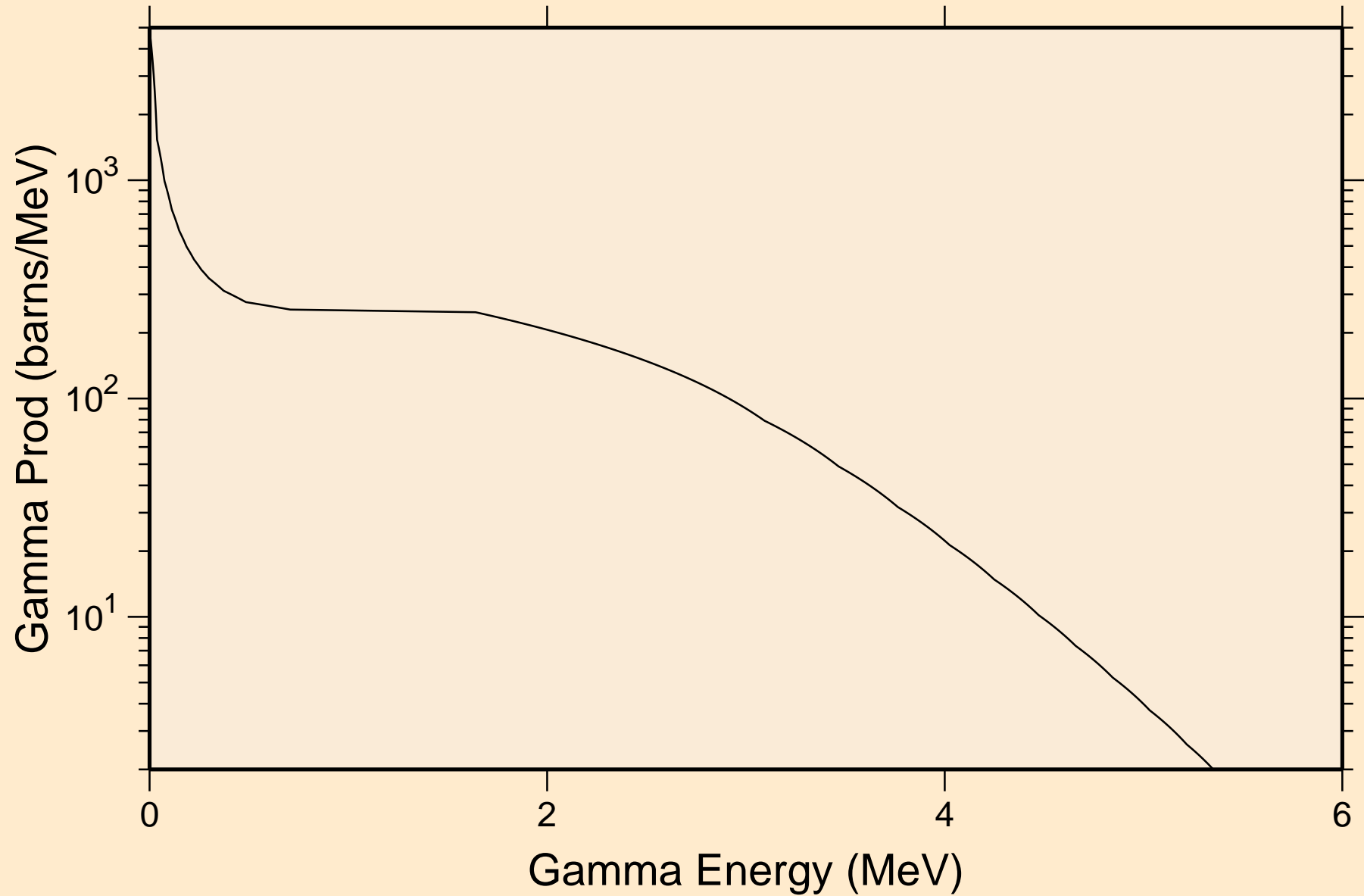
VALIDATE PA-231 FROM INDL
Photon emission for (n,gma)



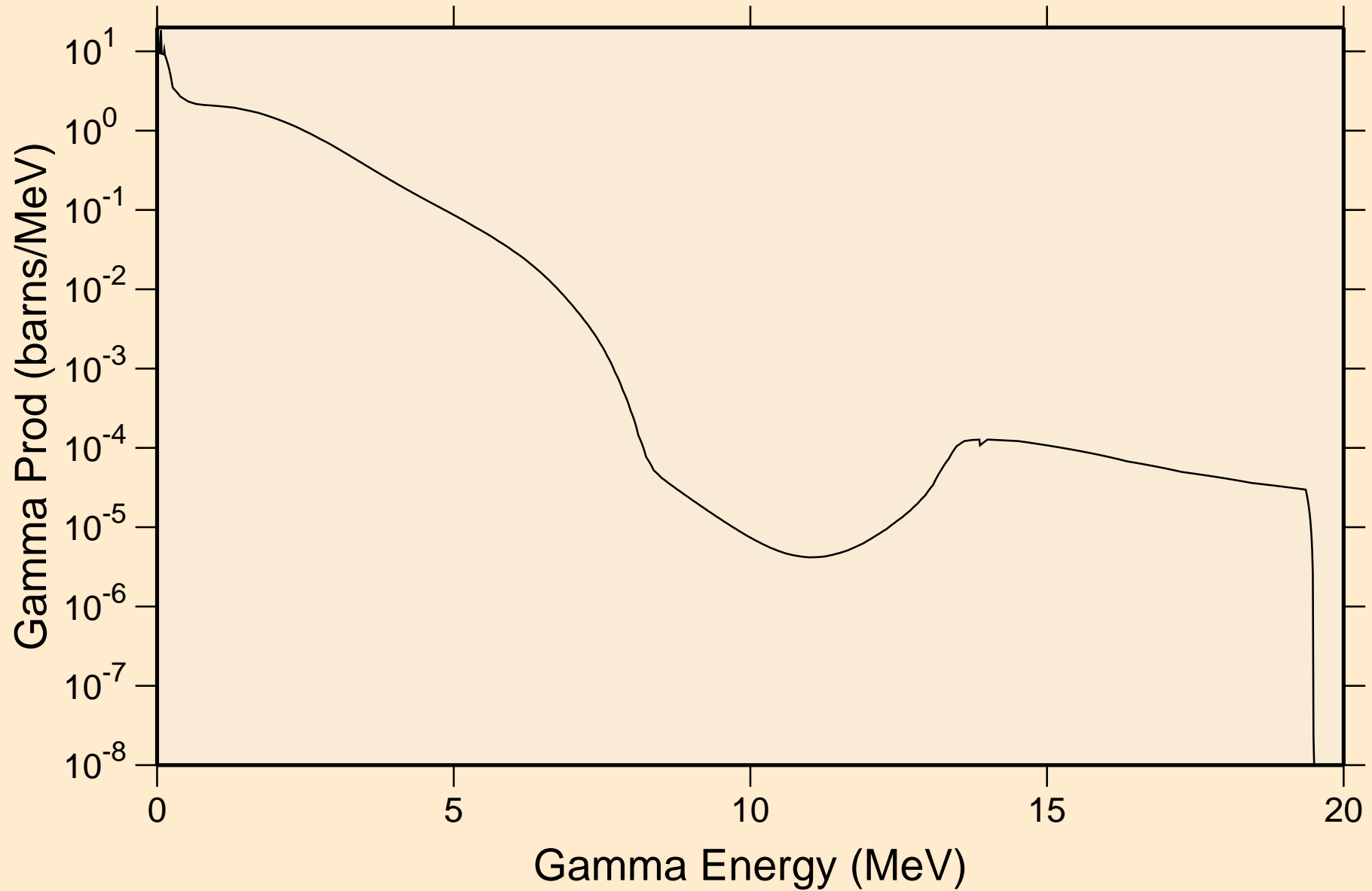
VALIDATE PA-231 FROM INDL
Photon emission for (n,p*c)



VALIDATE PA-231 FROM INDL
thermal capture photon spectrum

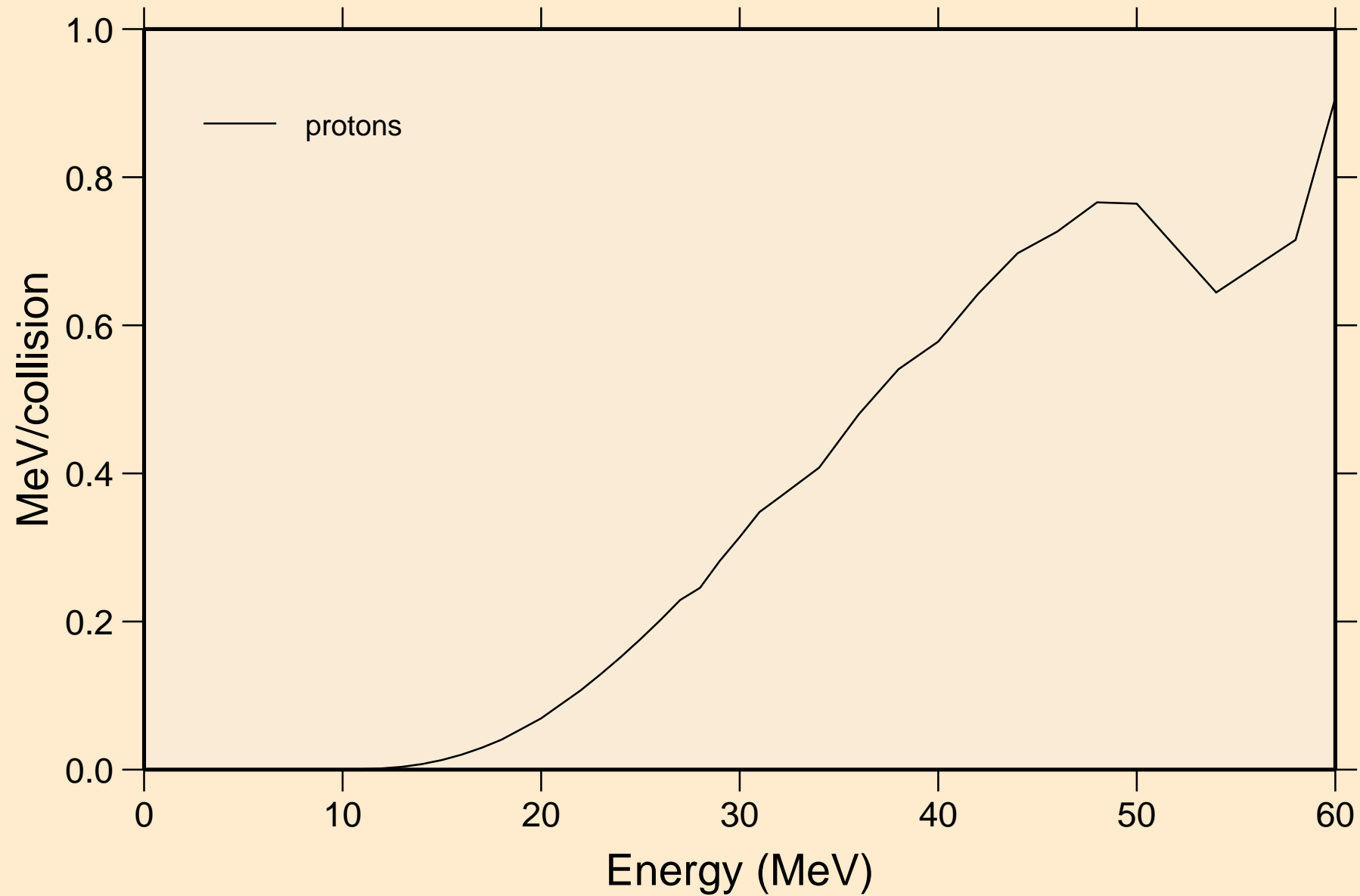


VALIDATE PA-231 FROM INDL
14 MeV photon spectrum



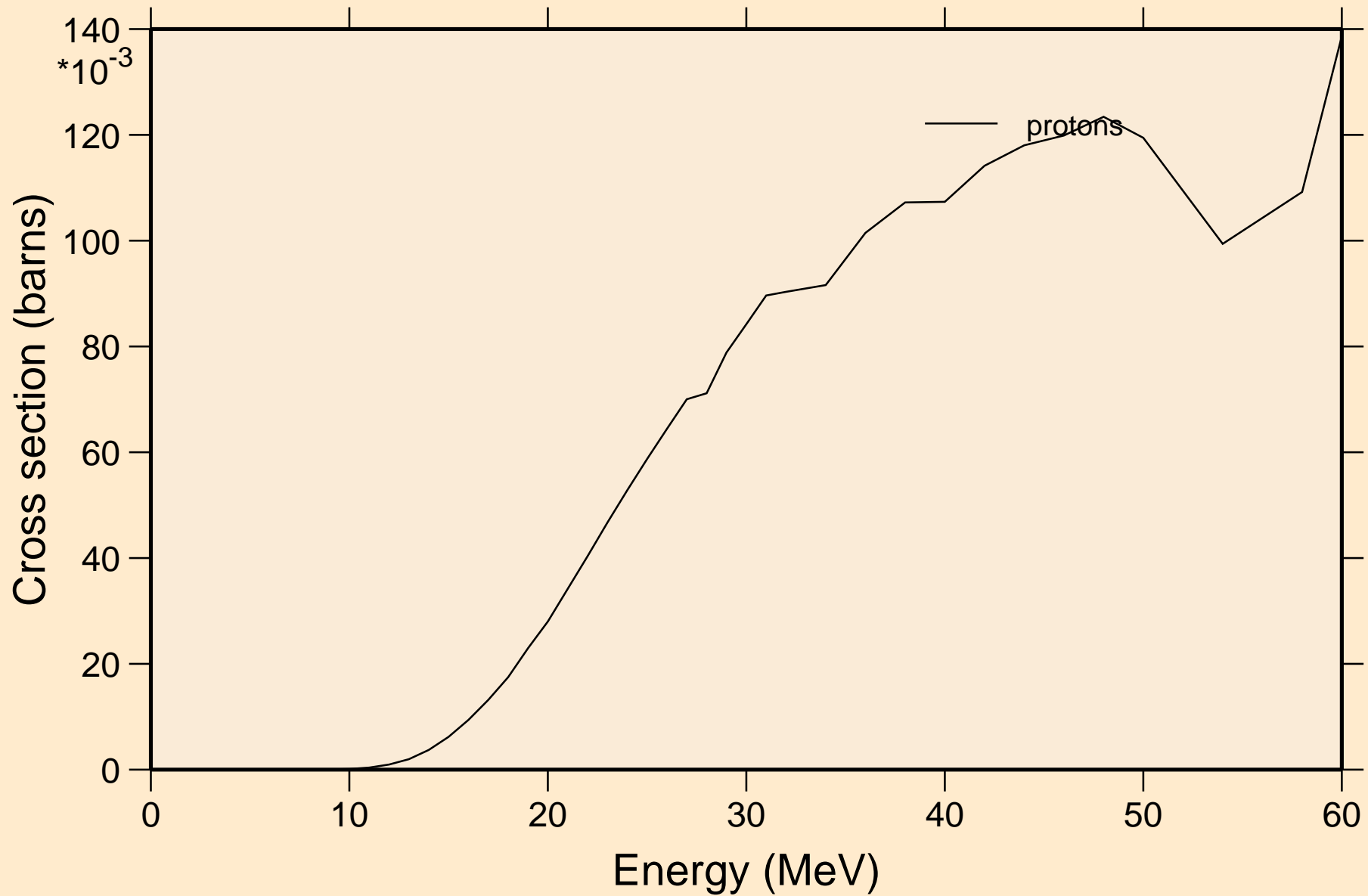
VALIDATE PA-231 FROM INDL

Particle heating contributions

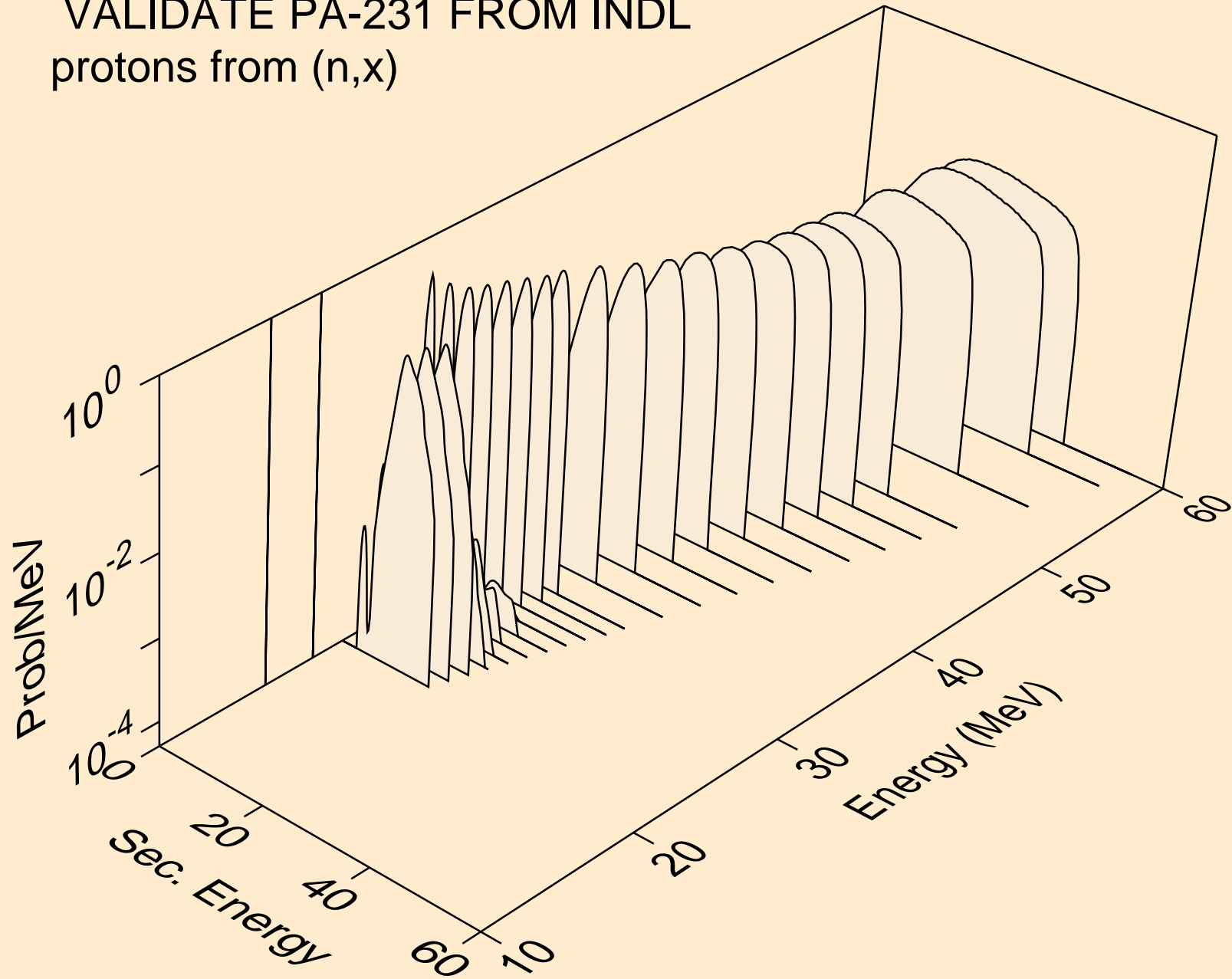


VALIDATE PA-231 FROM INDL

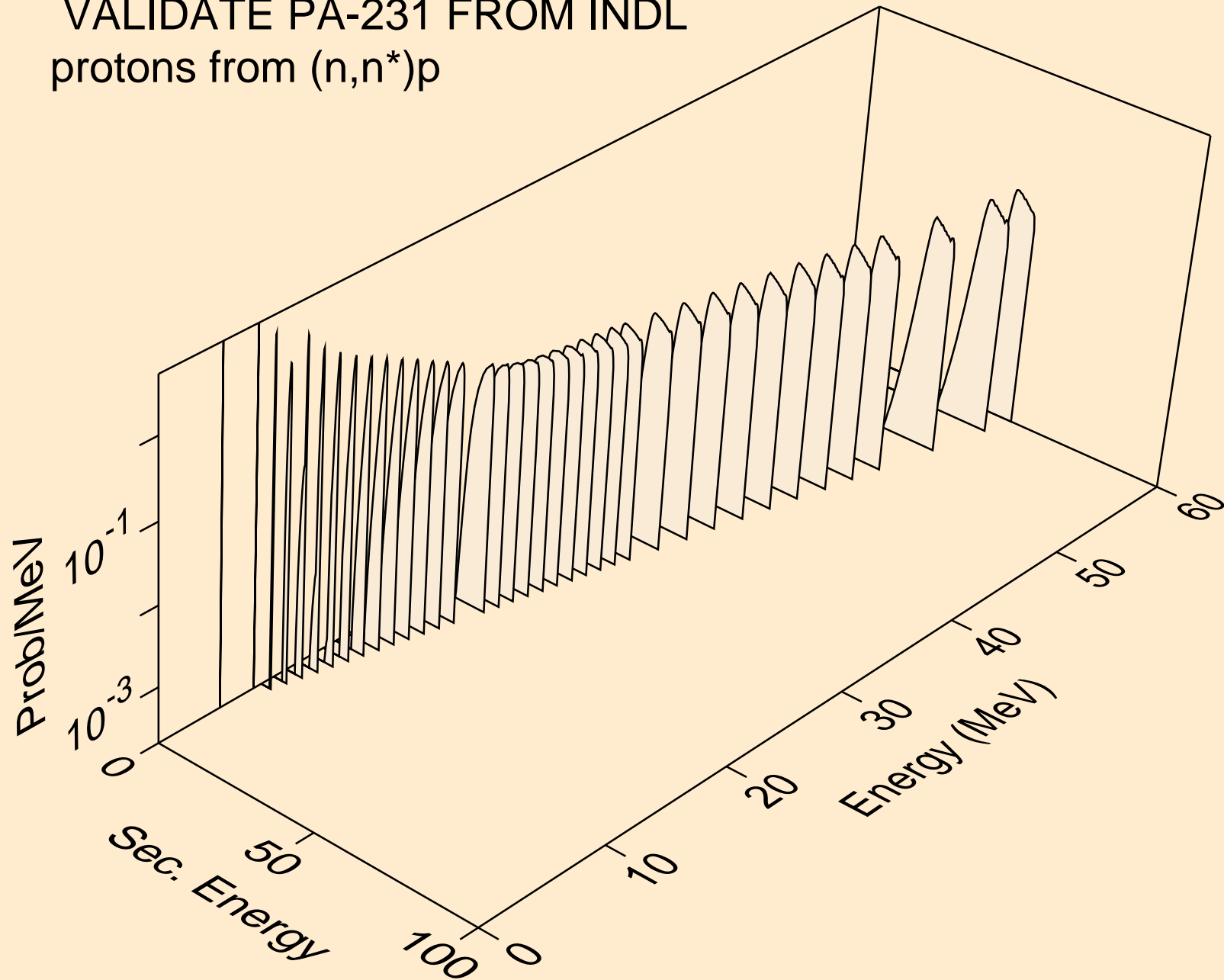
Particle production cross sections



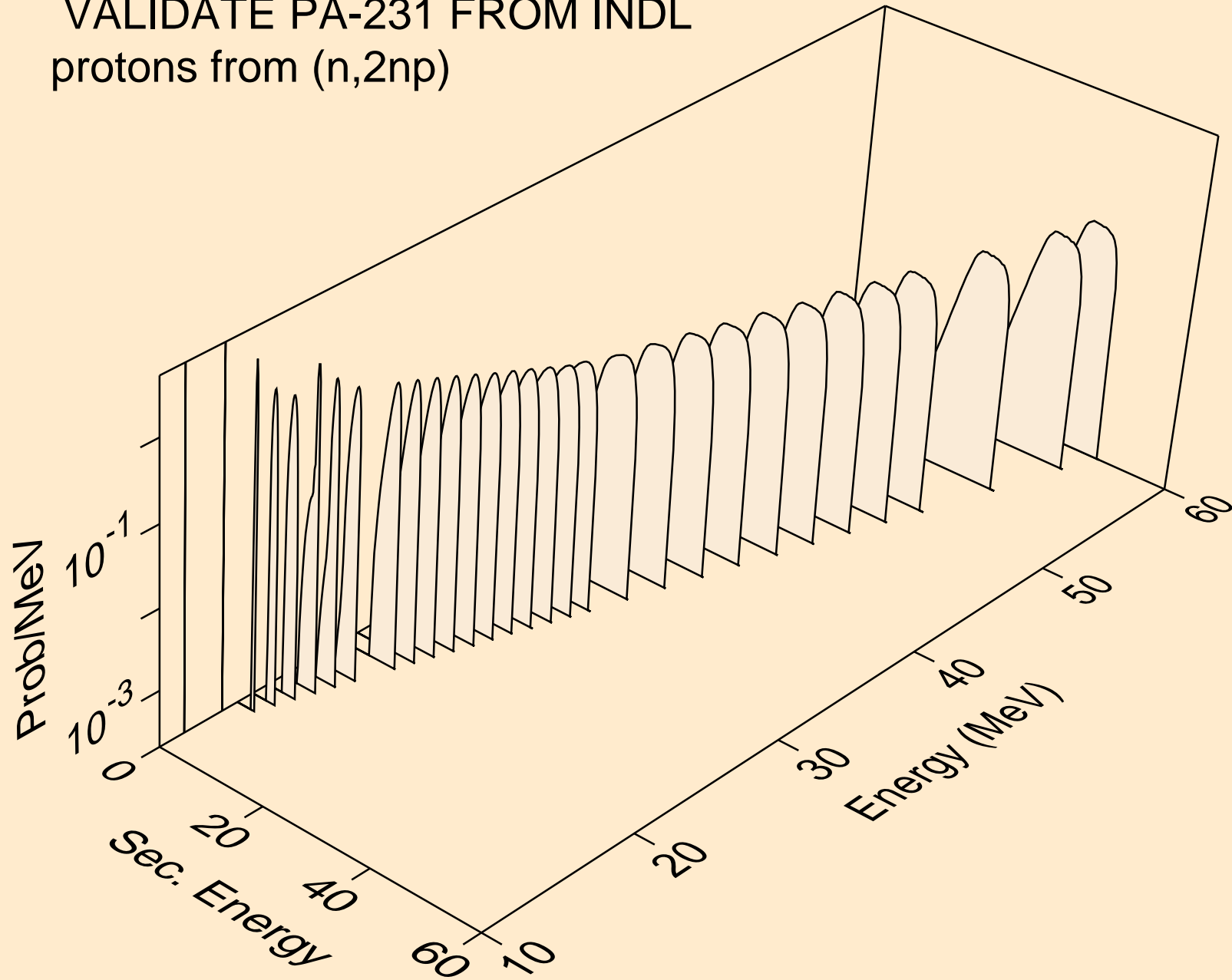
VALIDATE PA-231 FROM INDL
protons from (n,x)



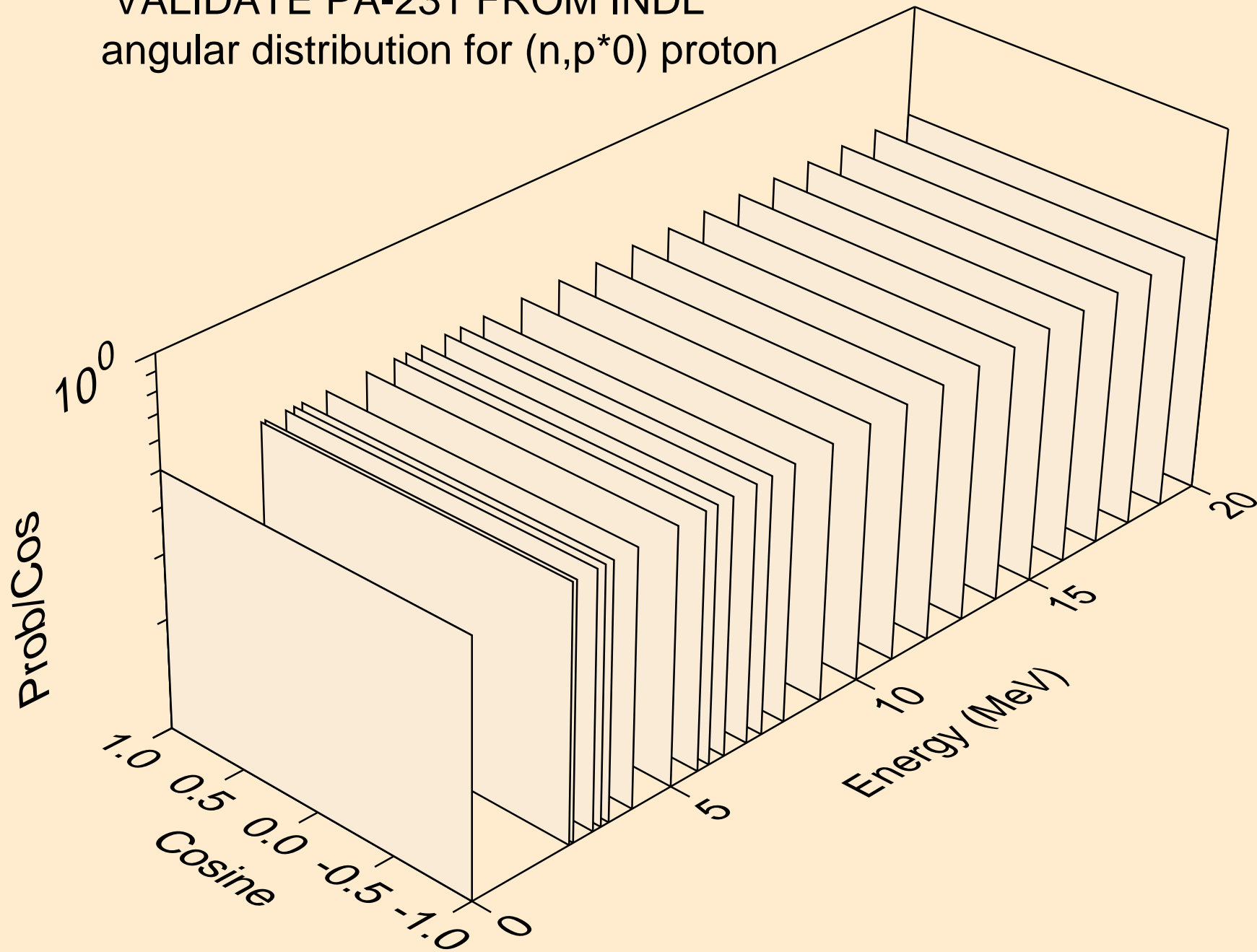
VALIDATE PA-231 FROM INDL
protons from (n,n*)p



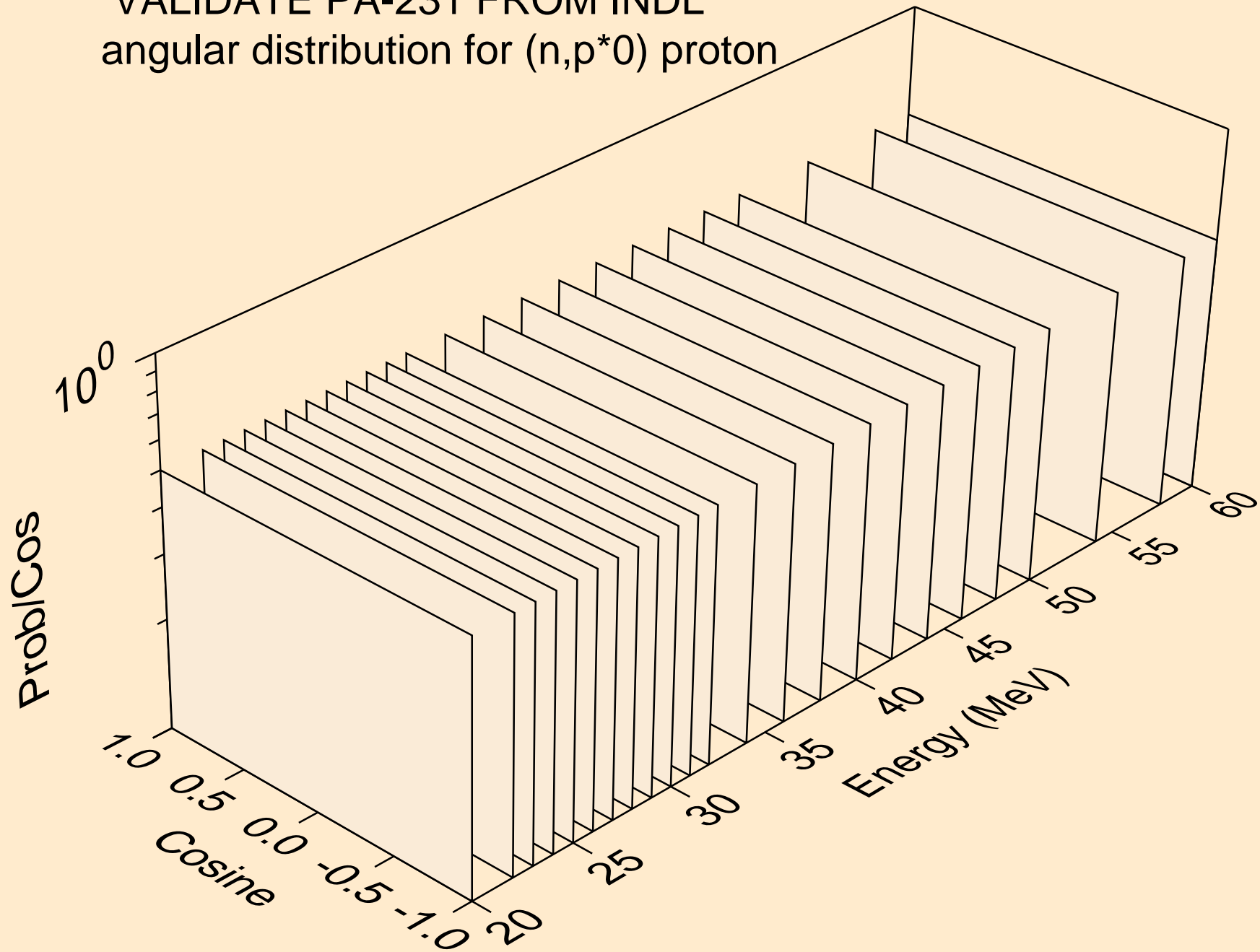
VALIDATE PA-231 FROM INDL
protons from (n,2np)



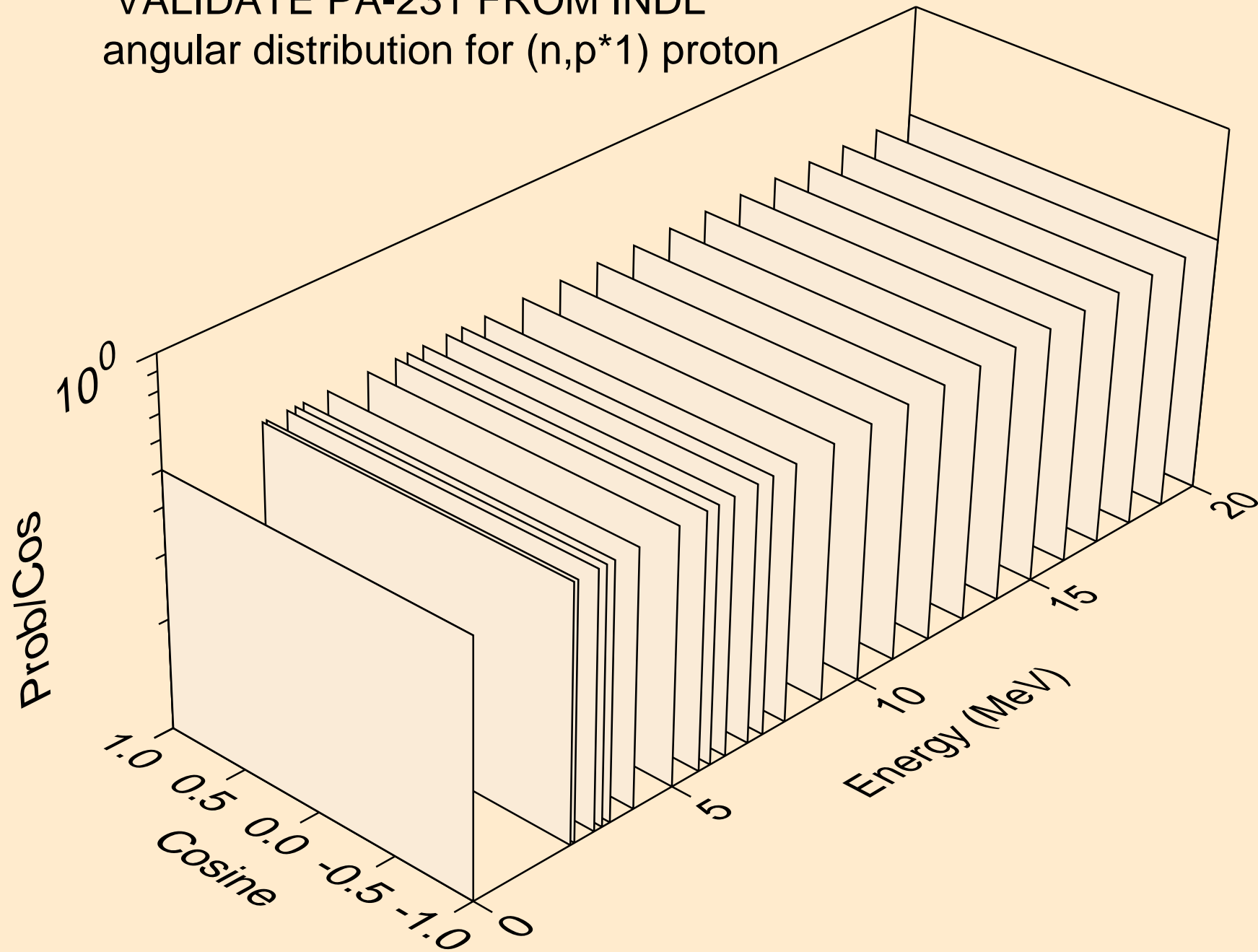
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*0) proton



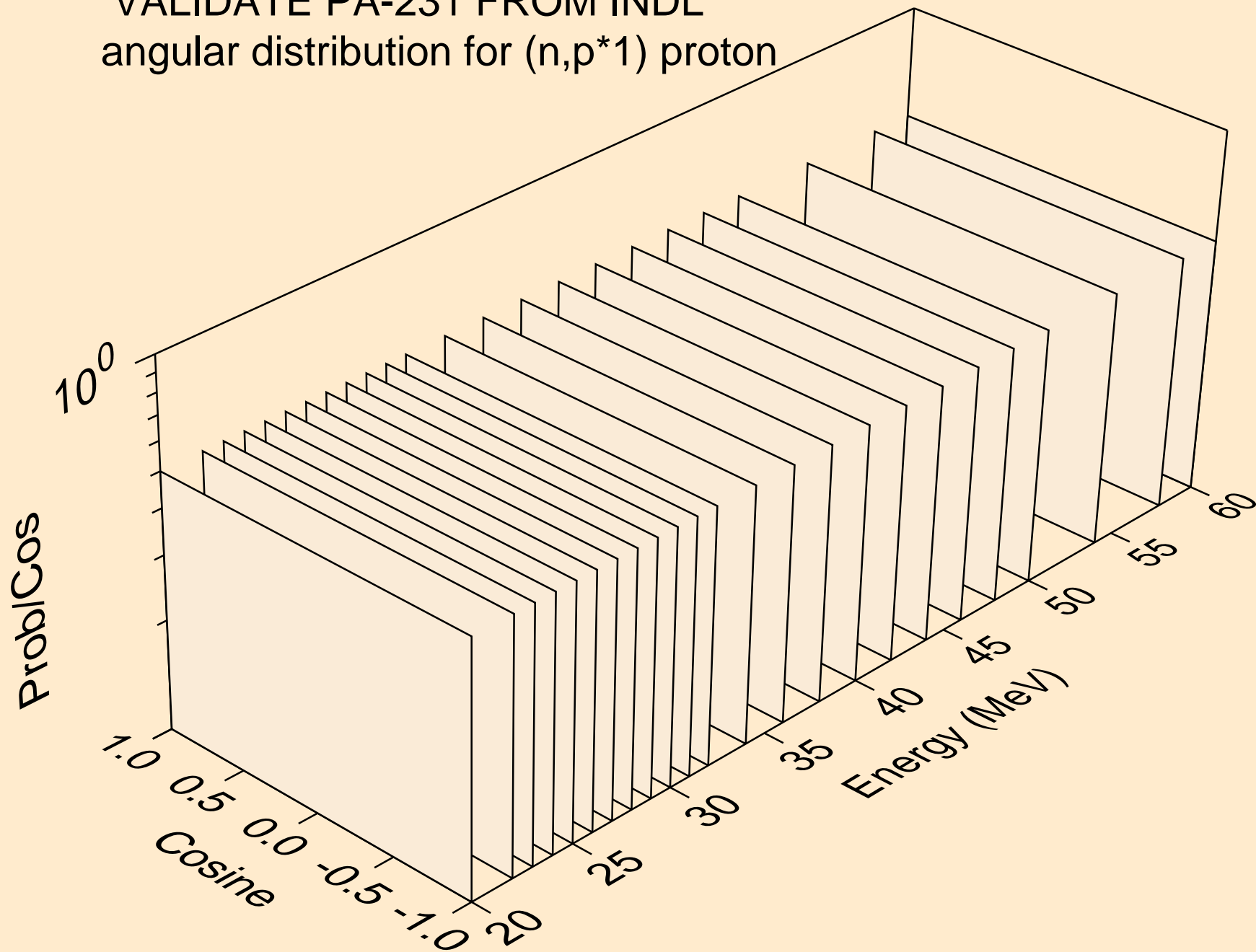
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*0) proton



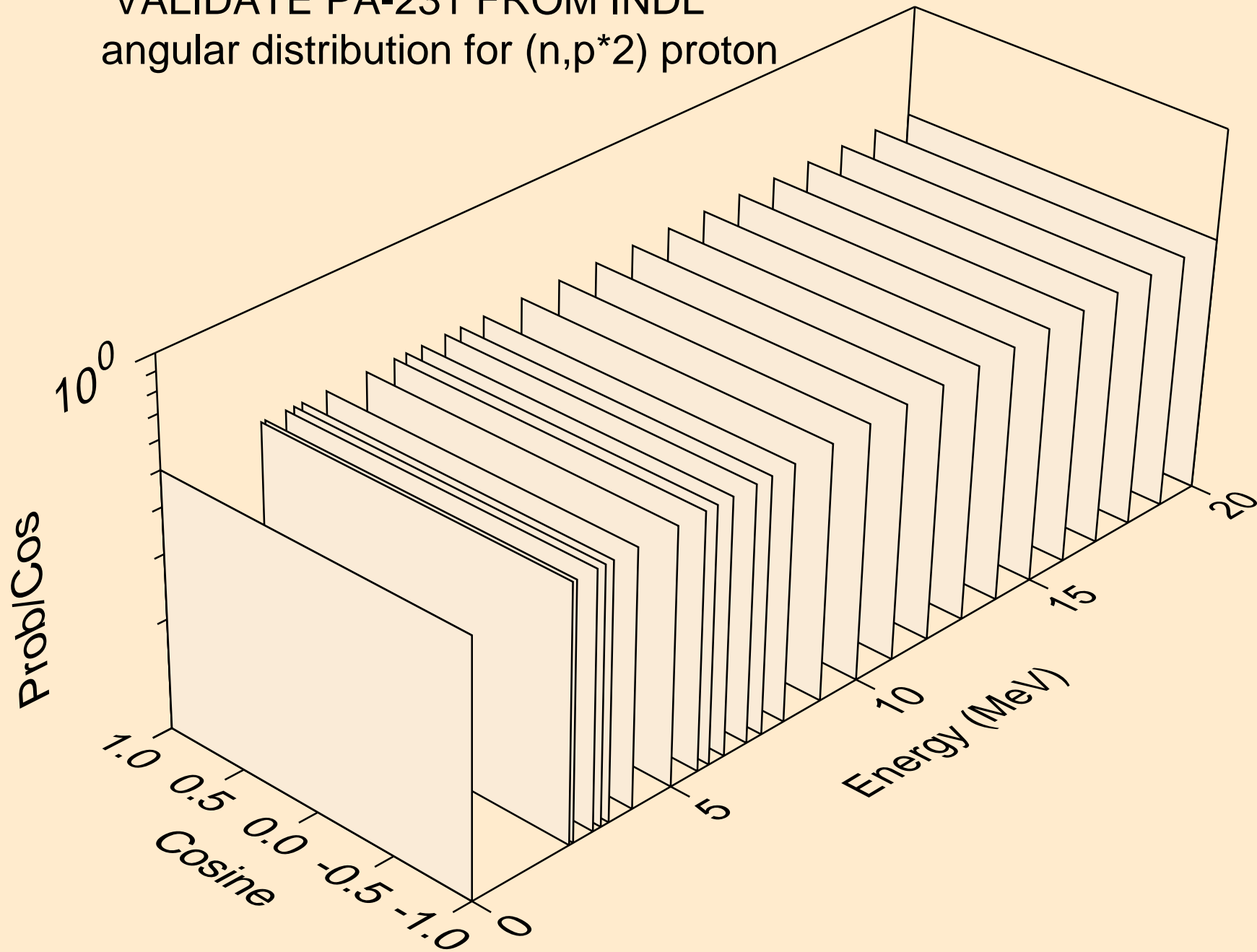
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*1) proton



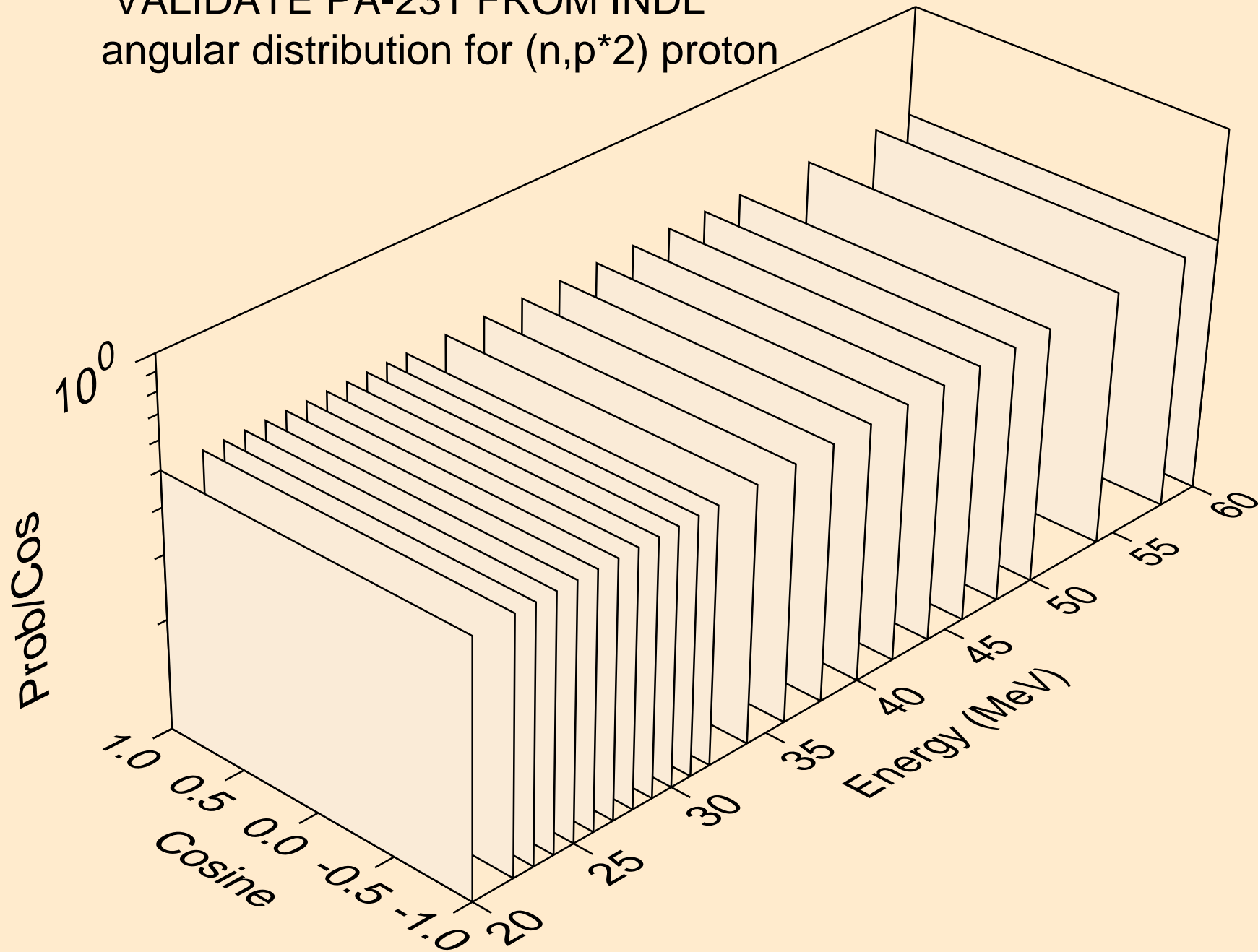
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*1) proton



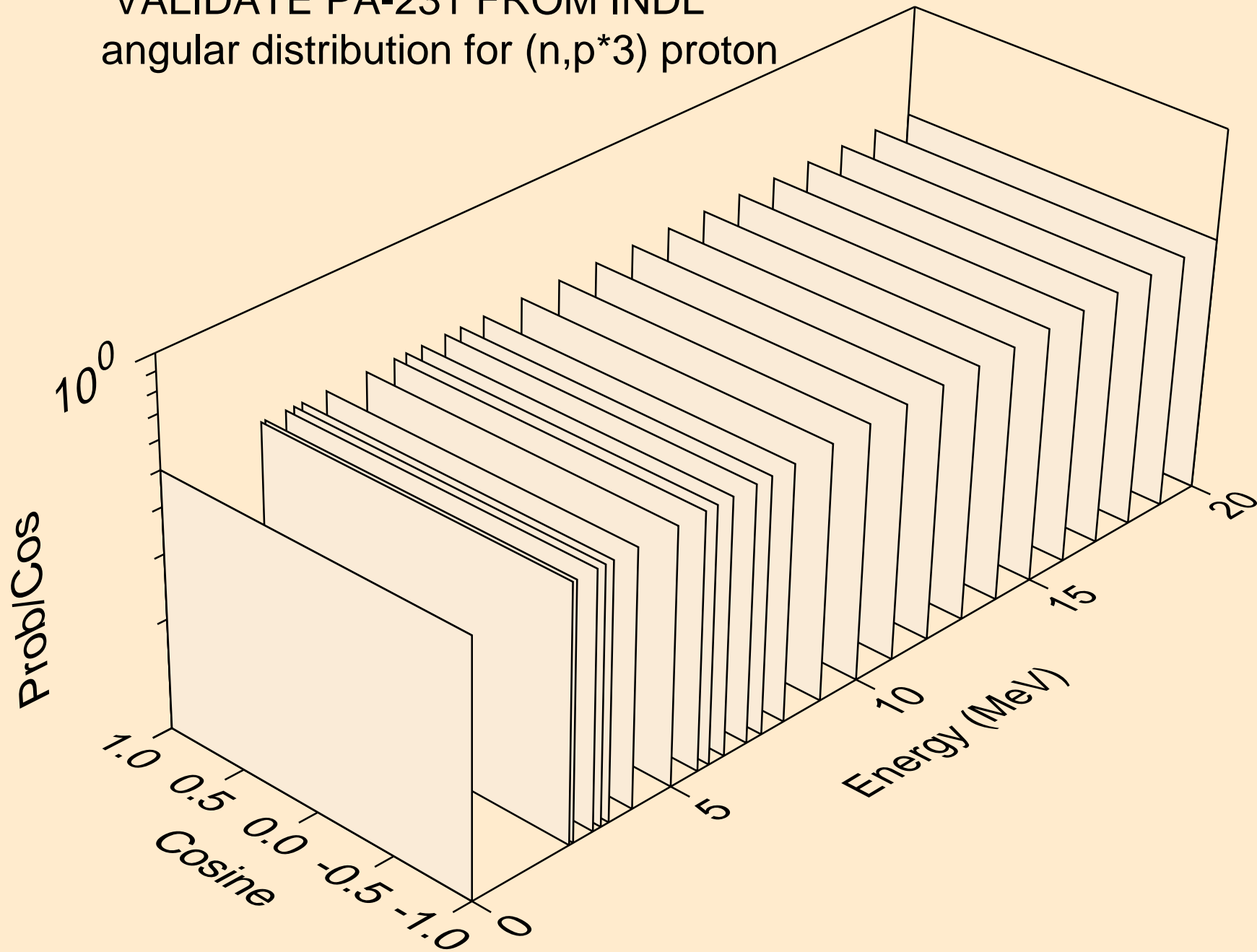
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*2) proton



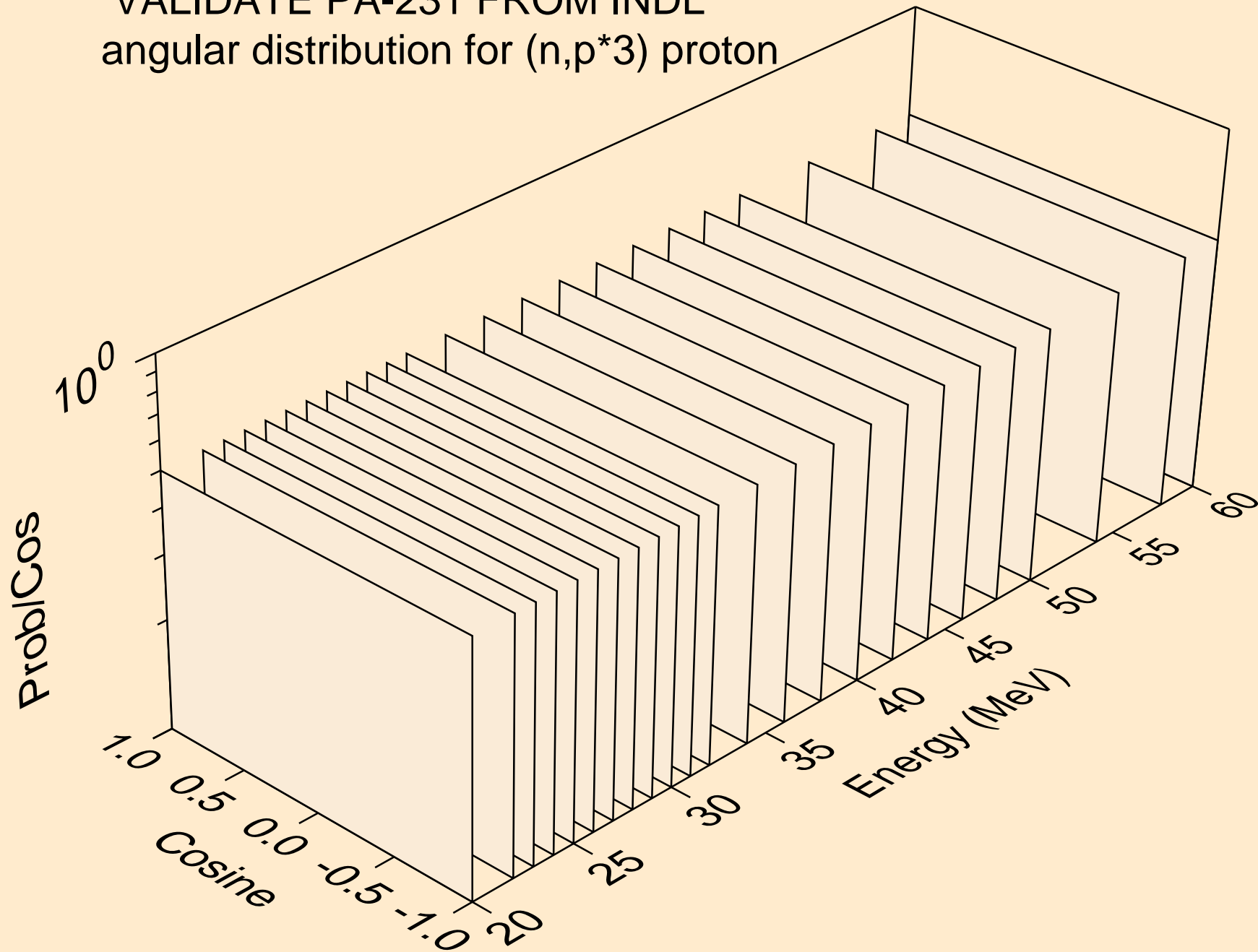
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*2) proton



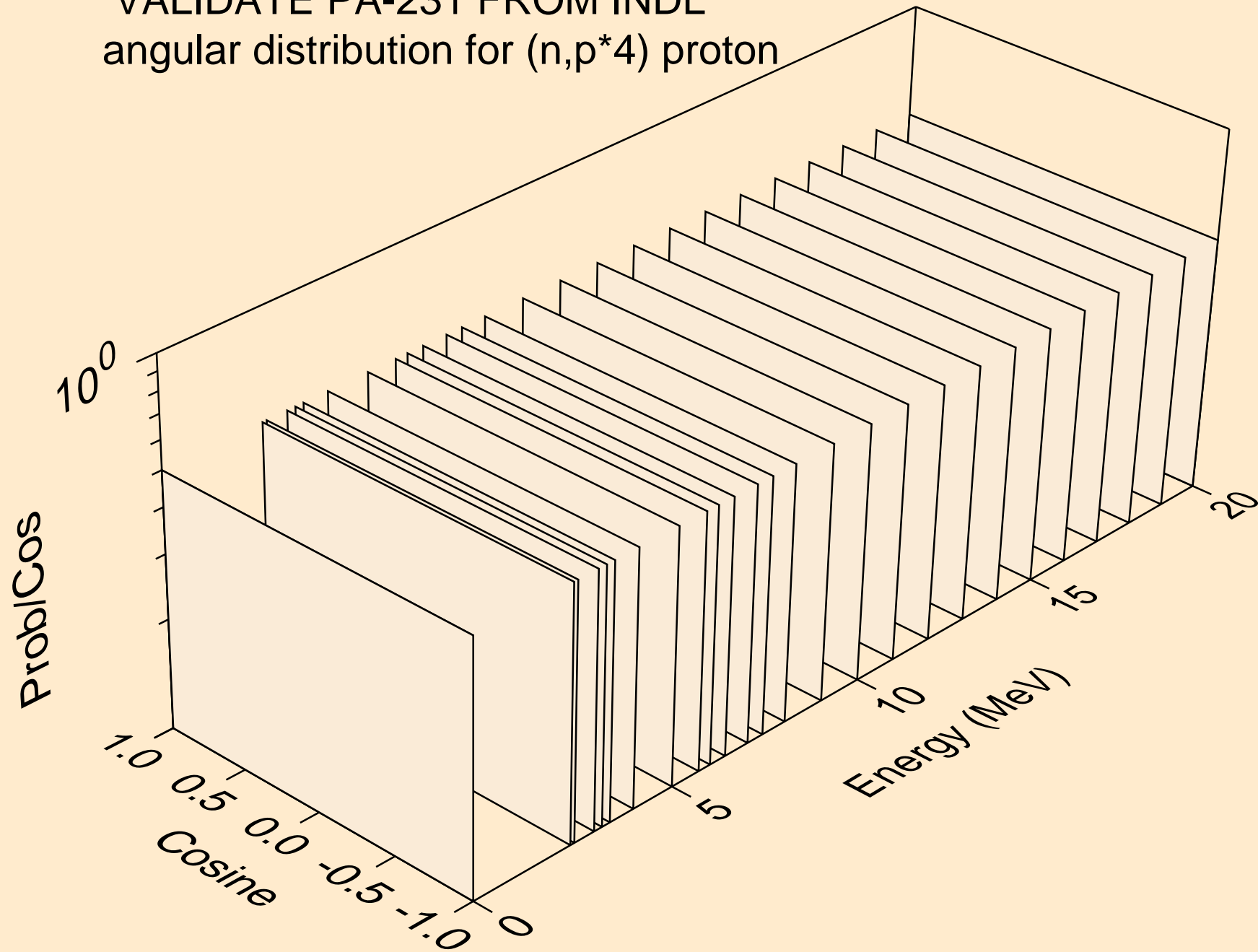
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*3) proton



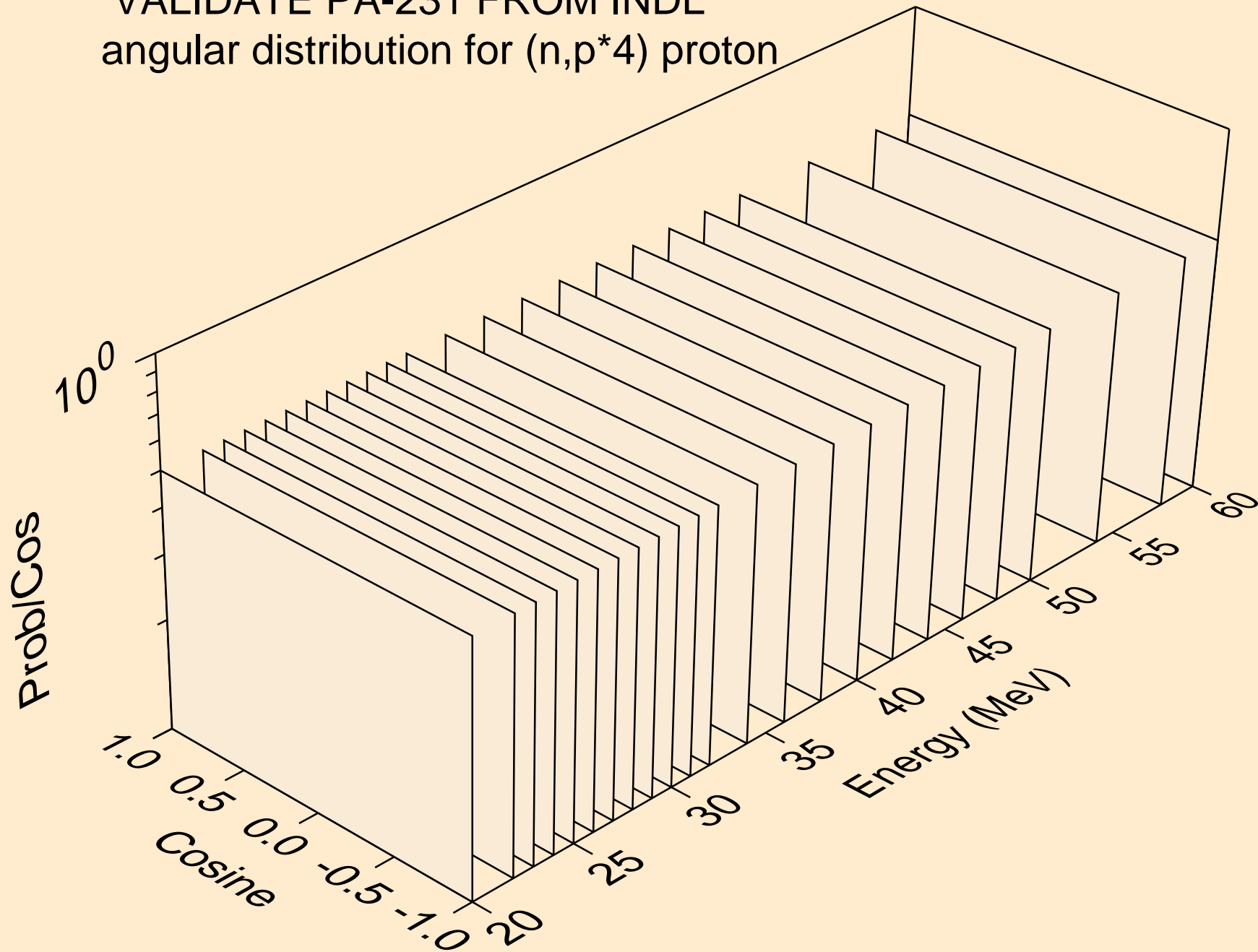
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*3) proton



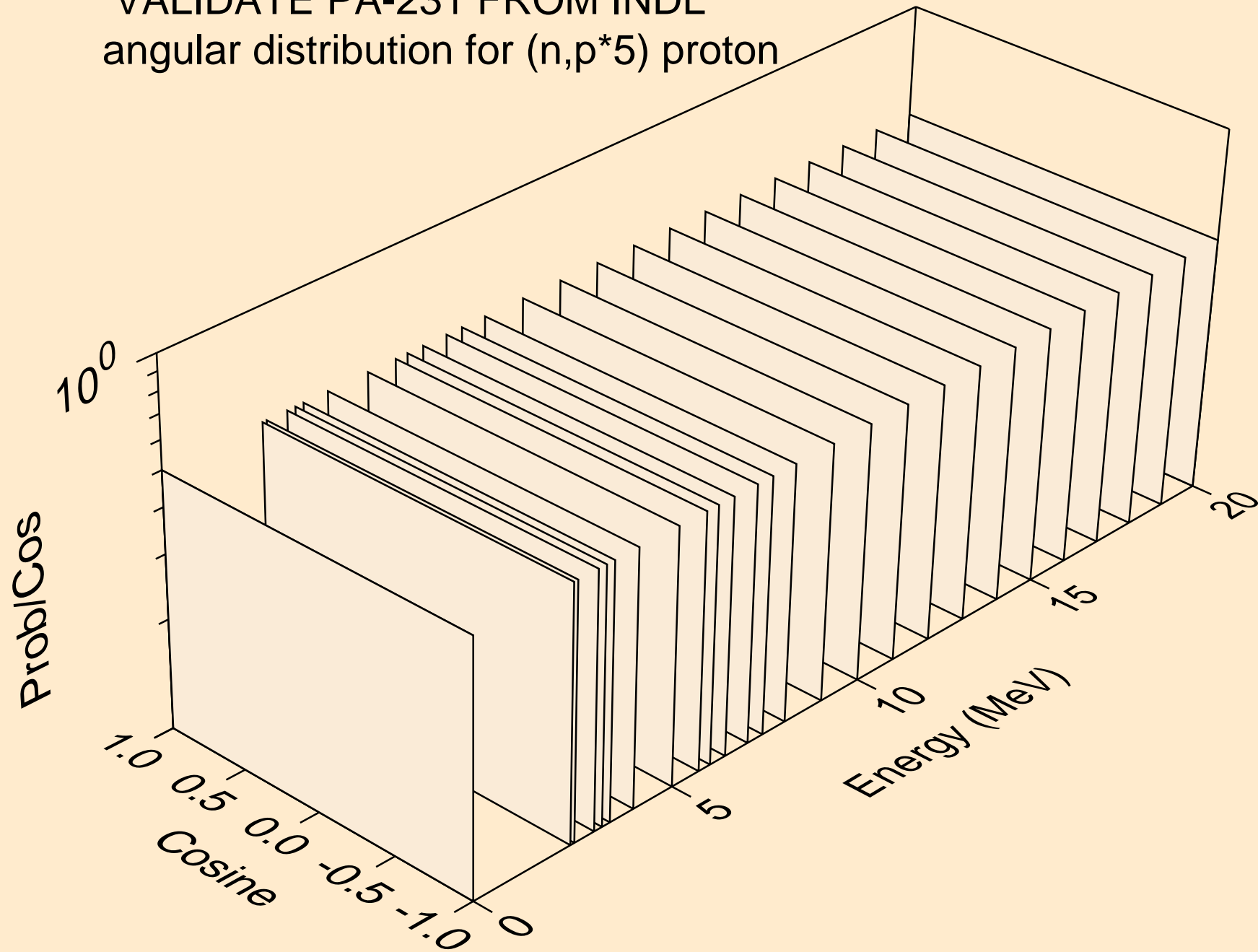
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*4) proton



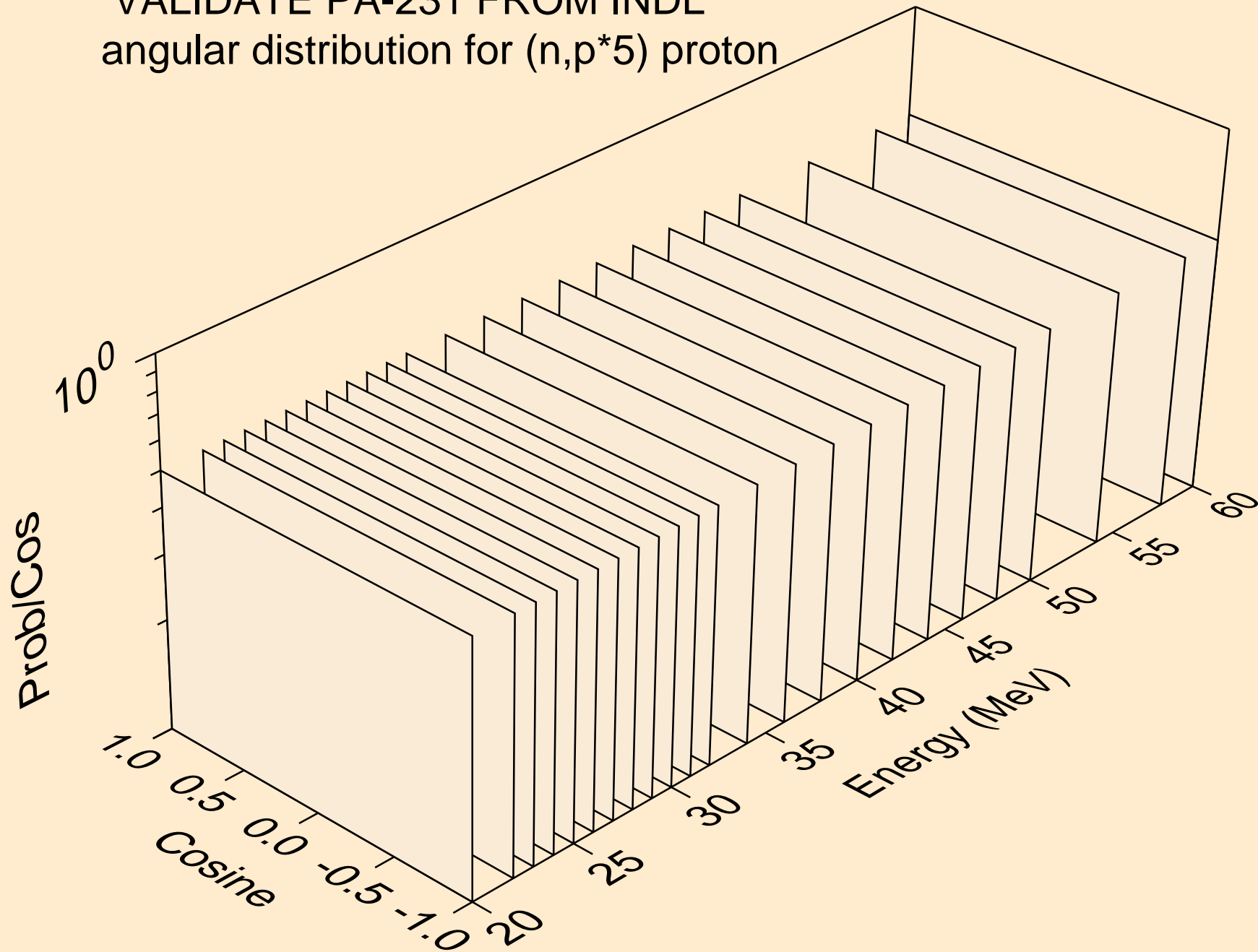
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*4) proton



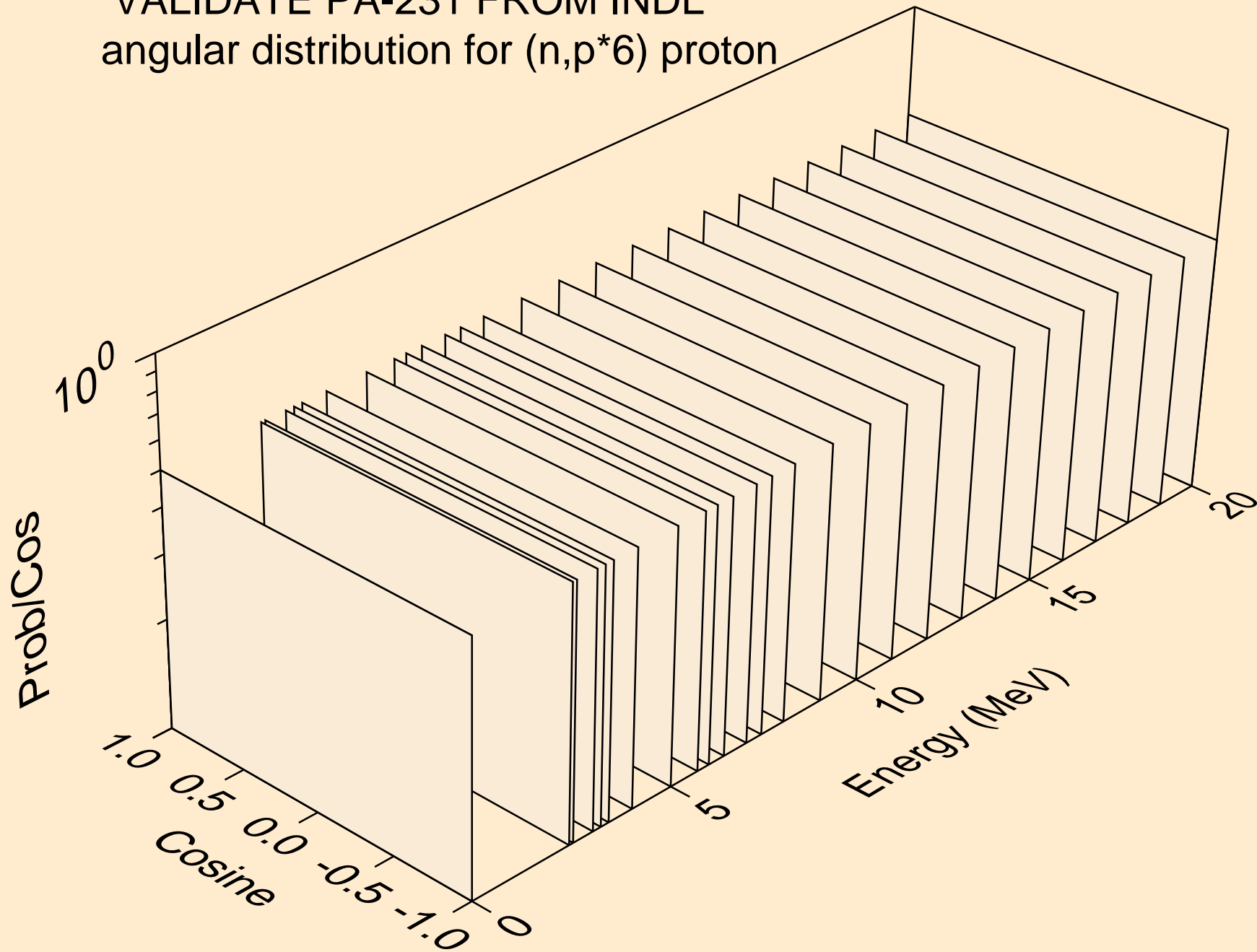
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*5) proton



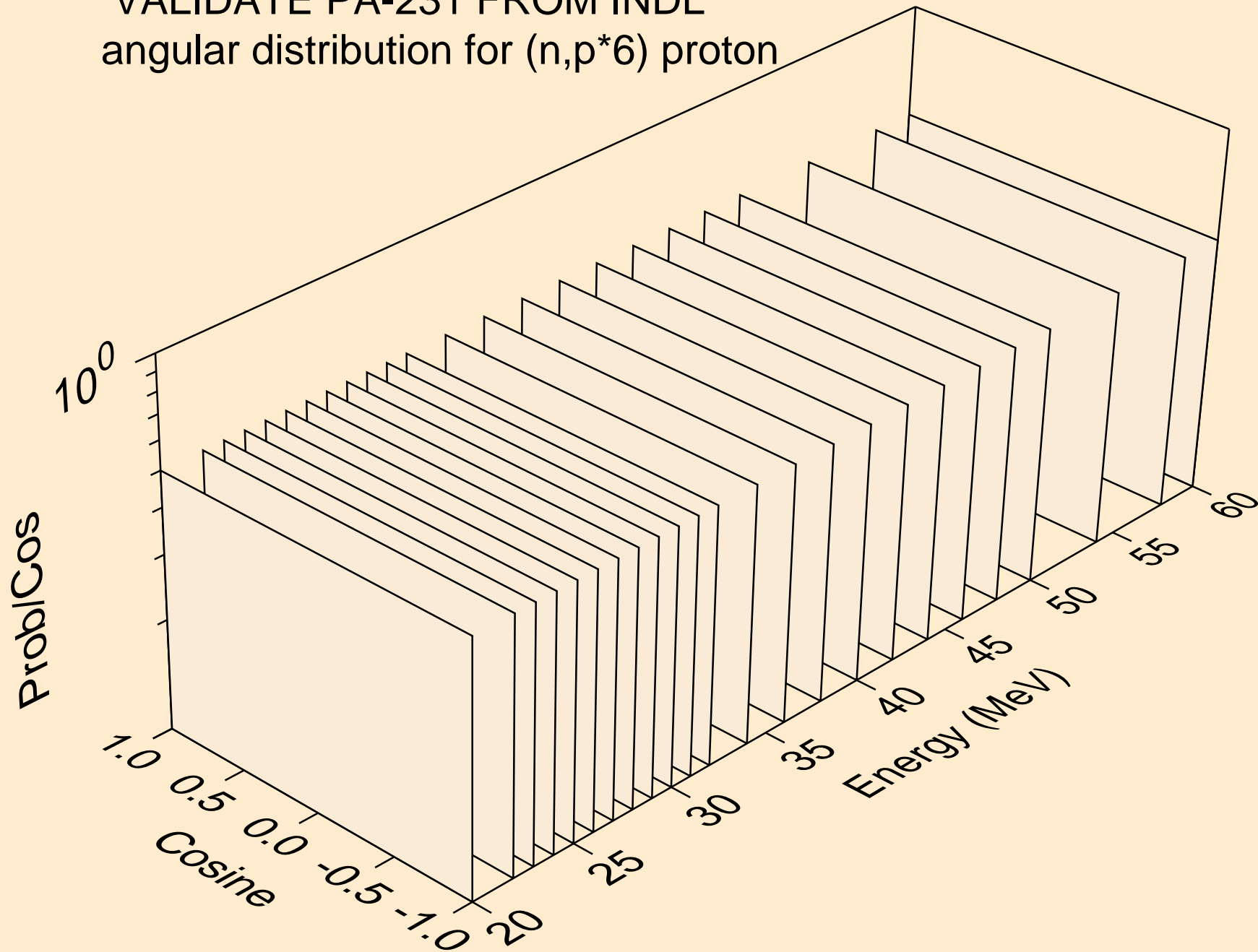
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*5) proton



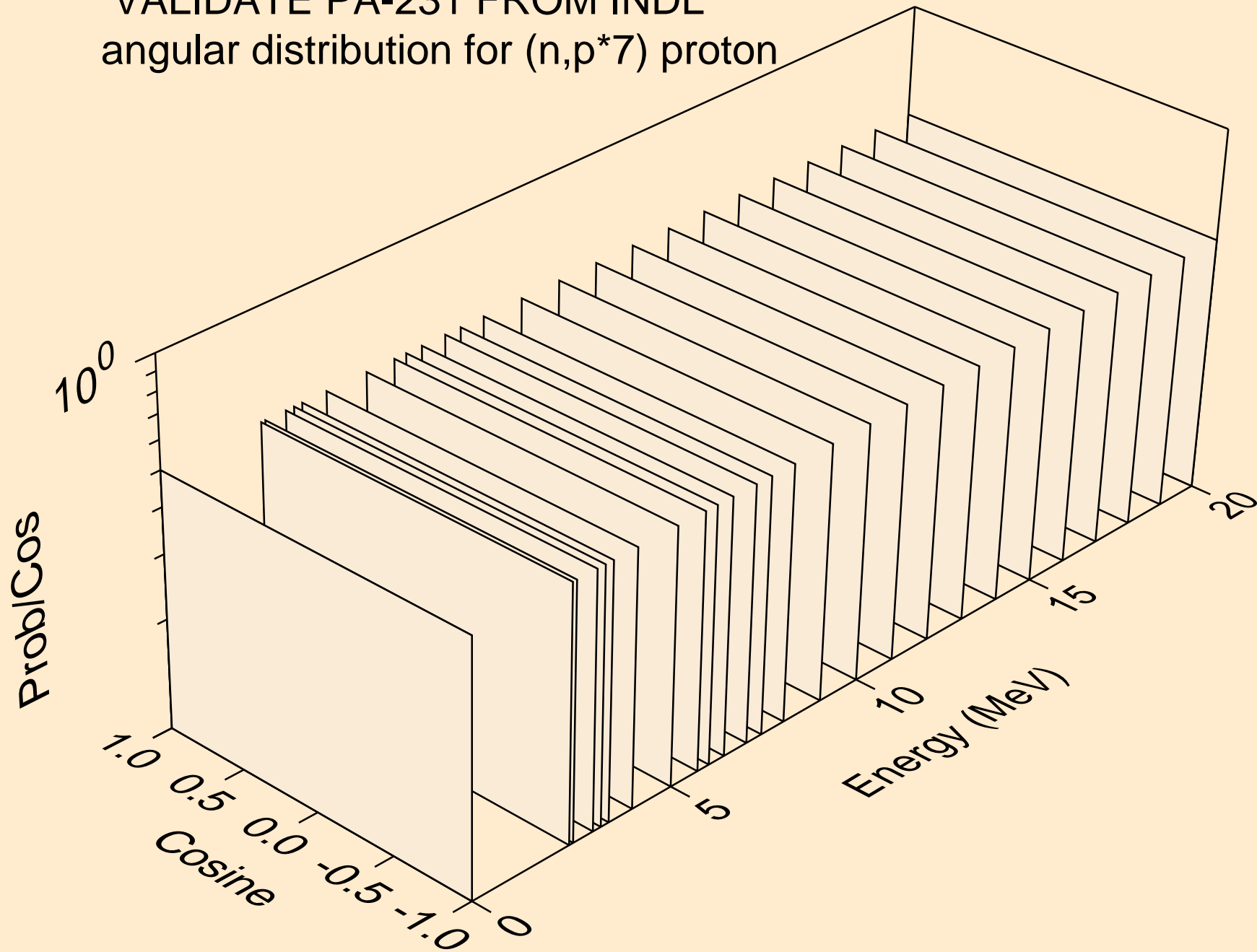
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*6) proton



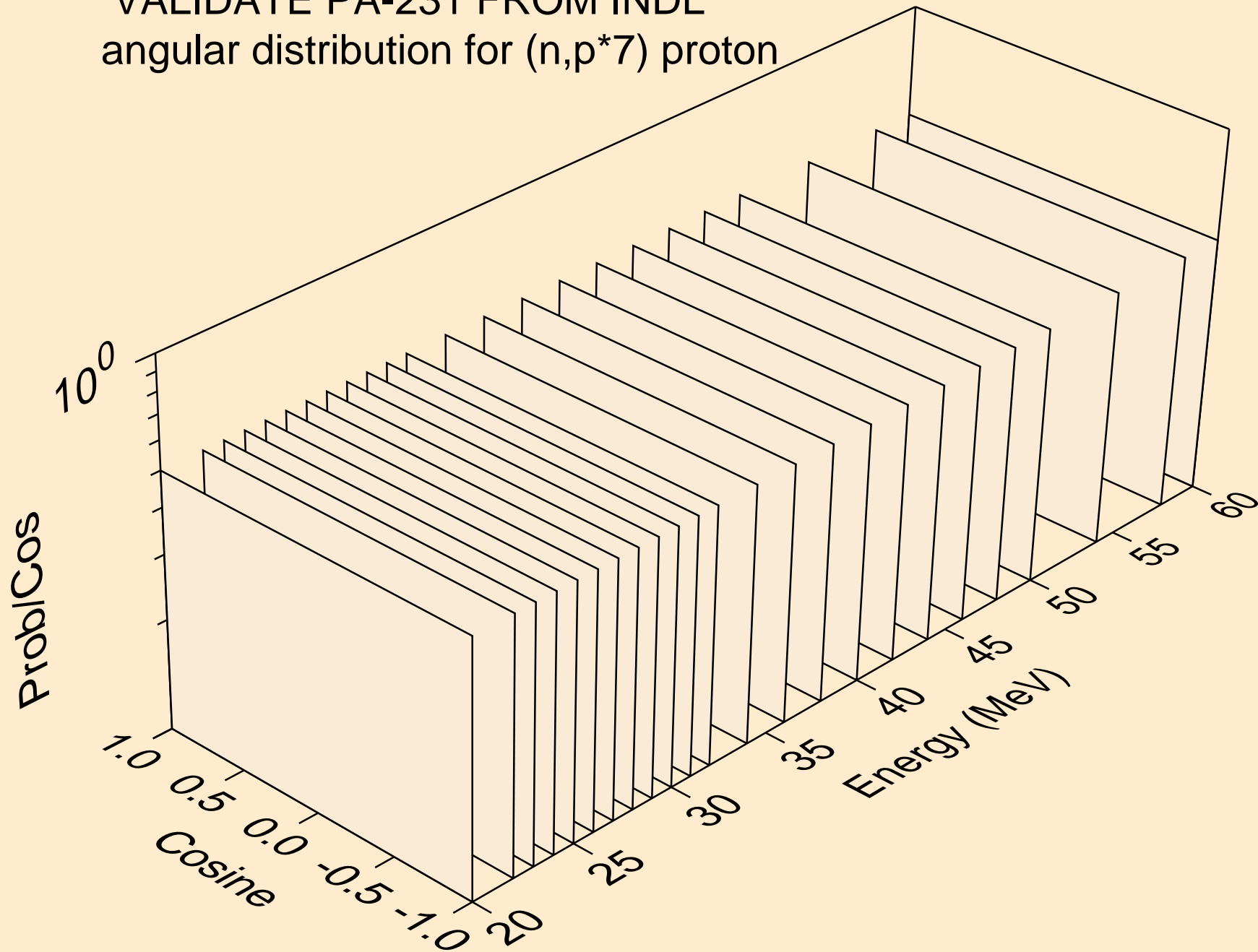
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*6) proton



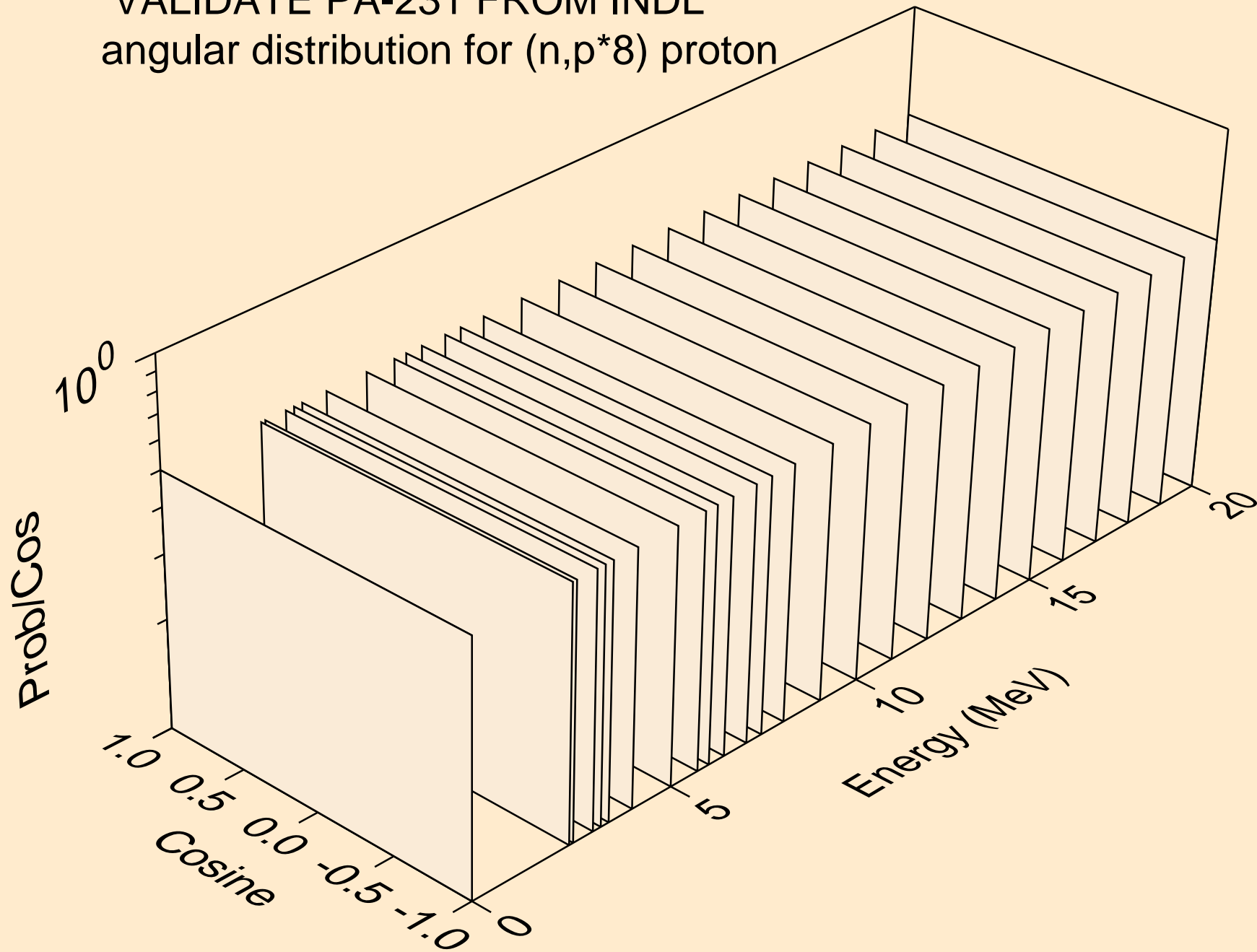
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*7) proton



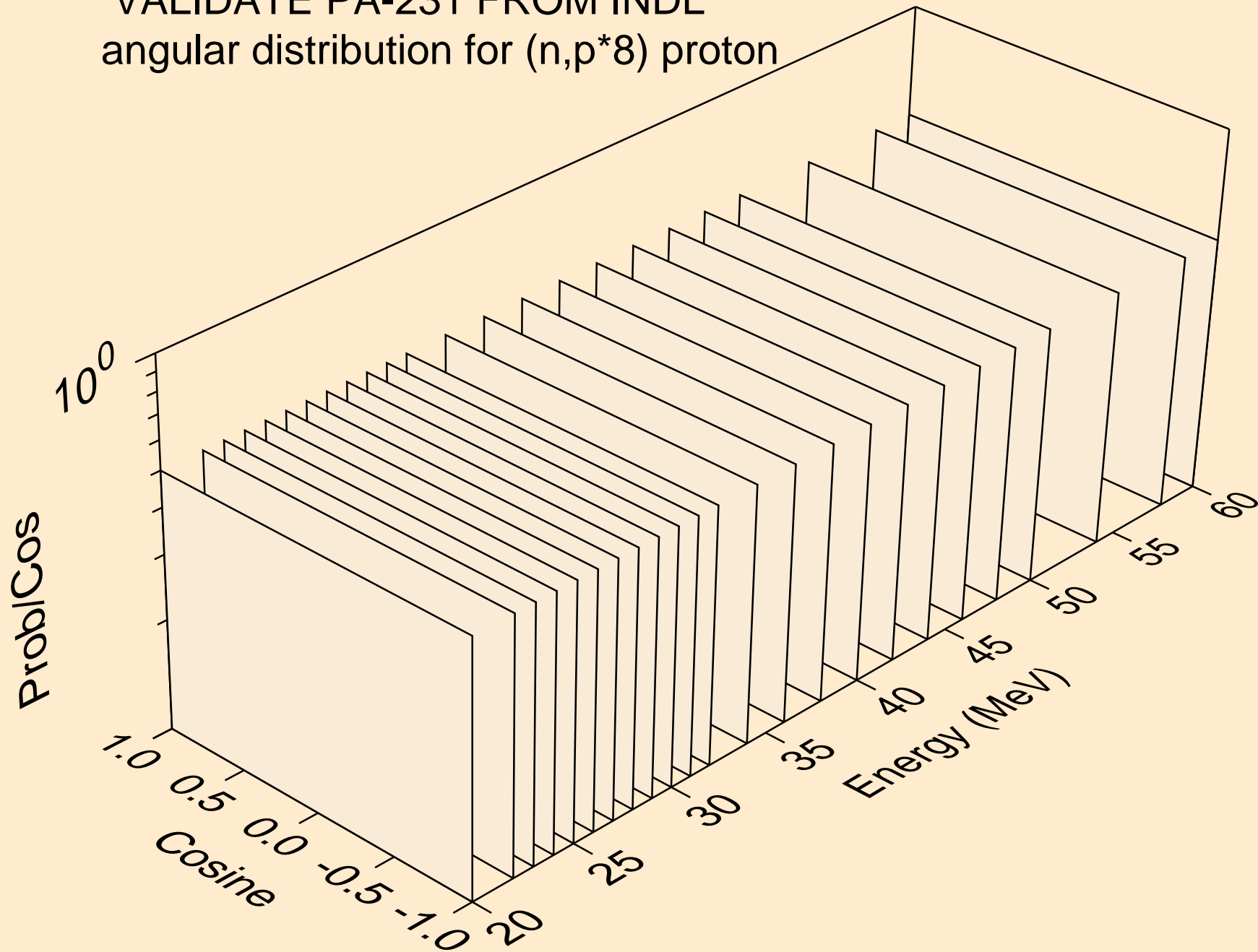
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*7) proton



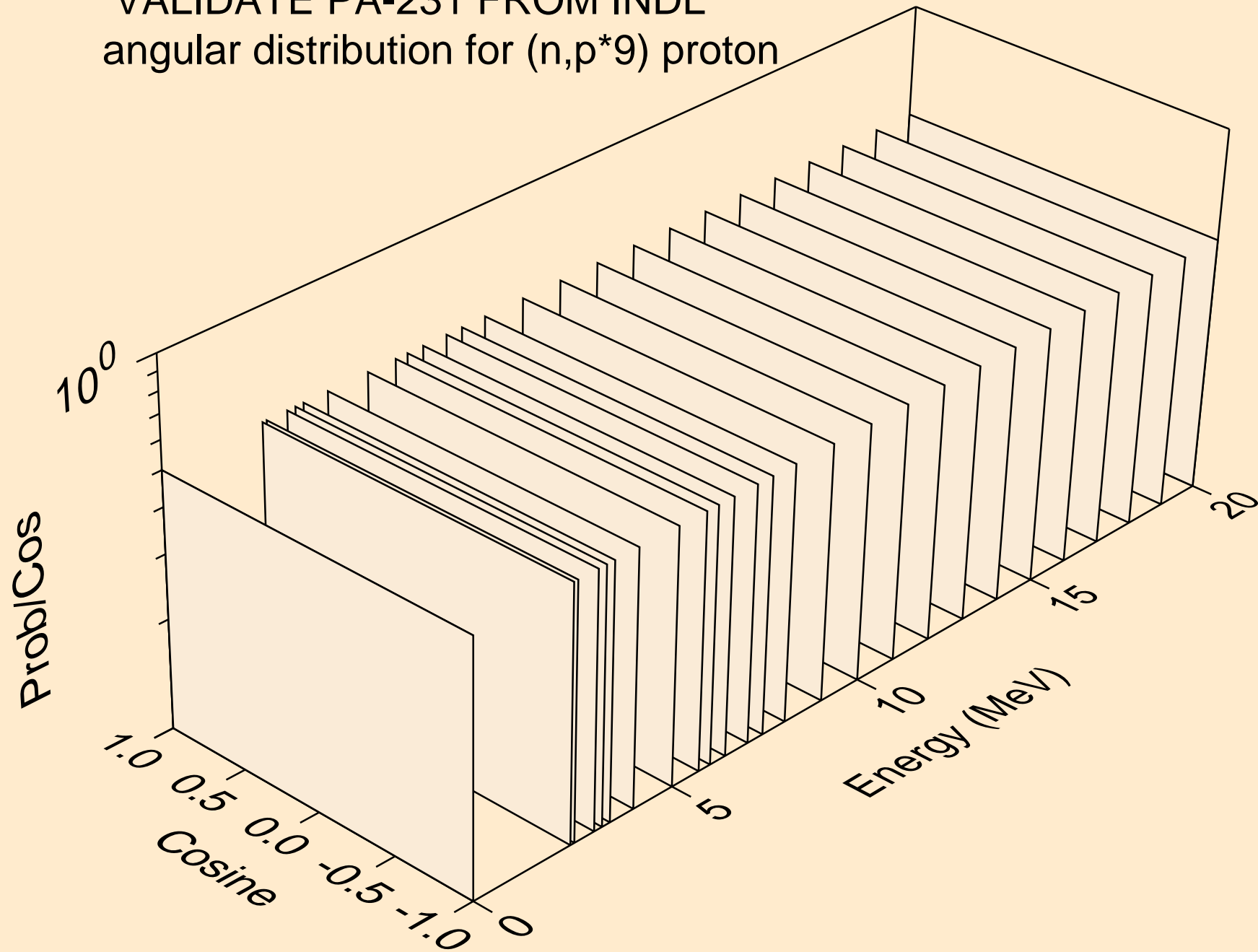
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*8) proton



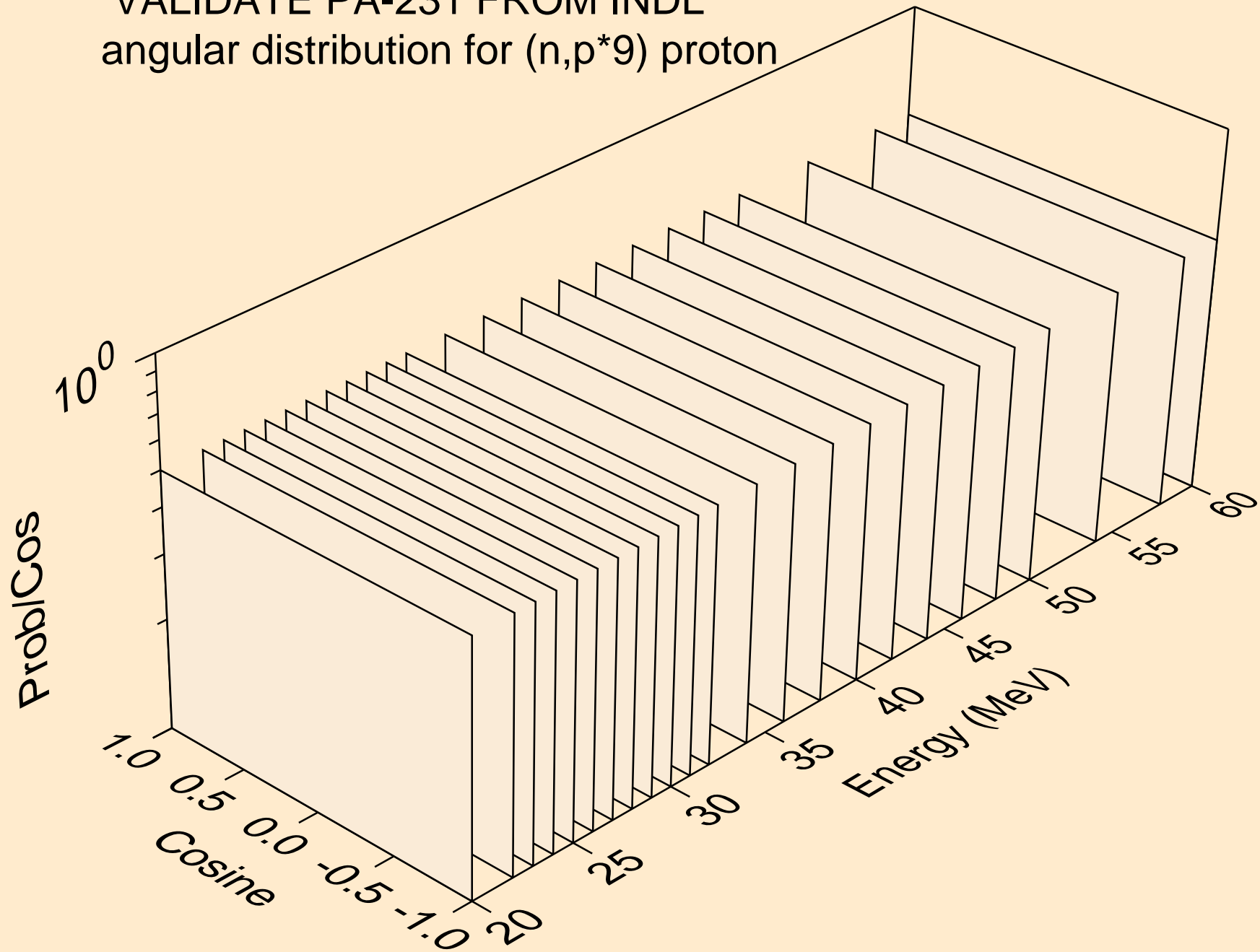
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*8) proton



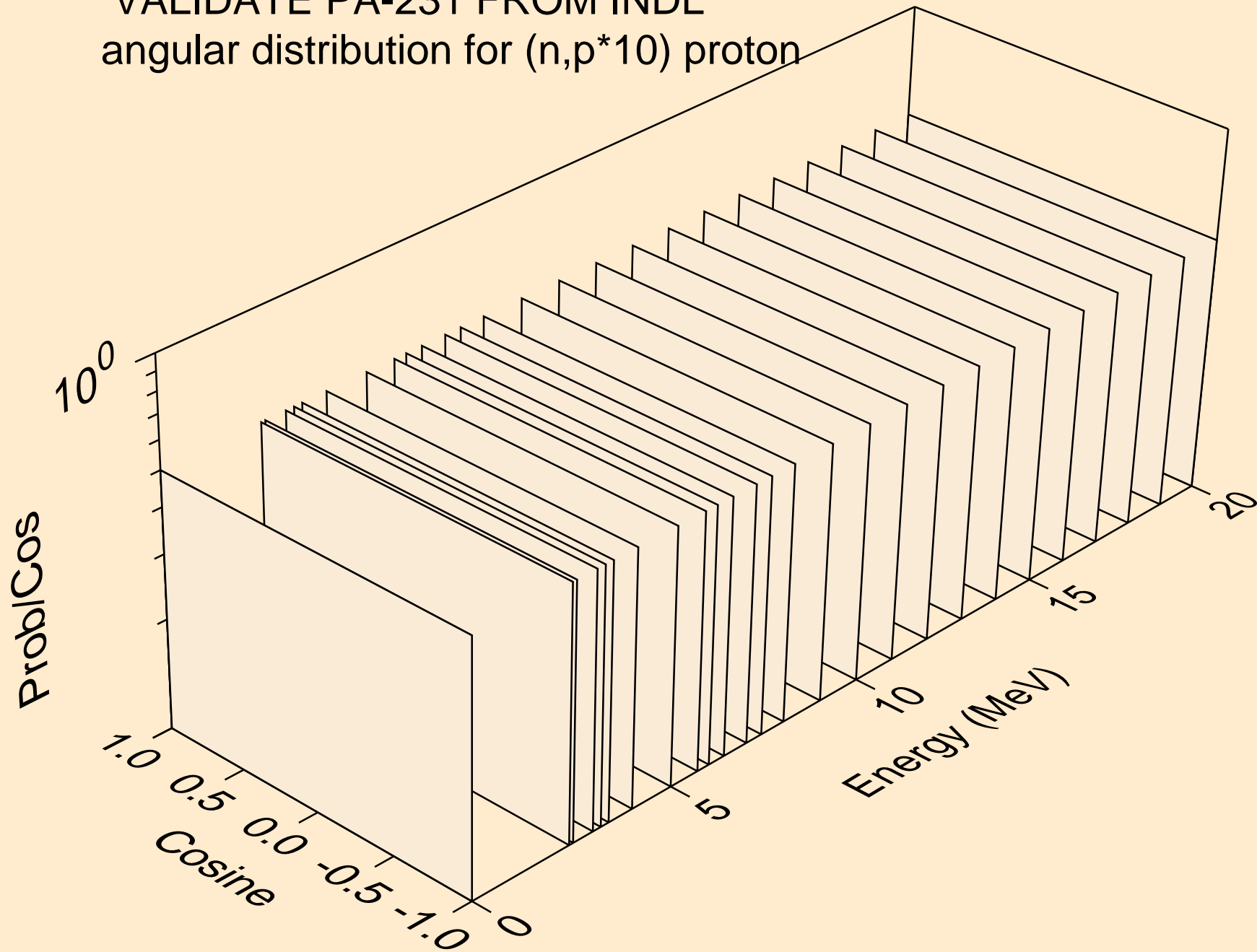
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*9) proton



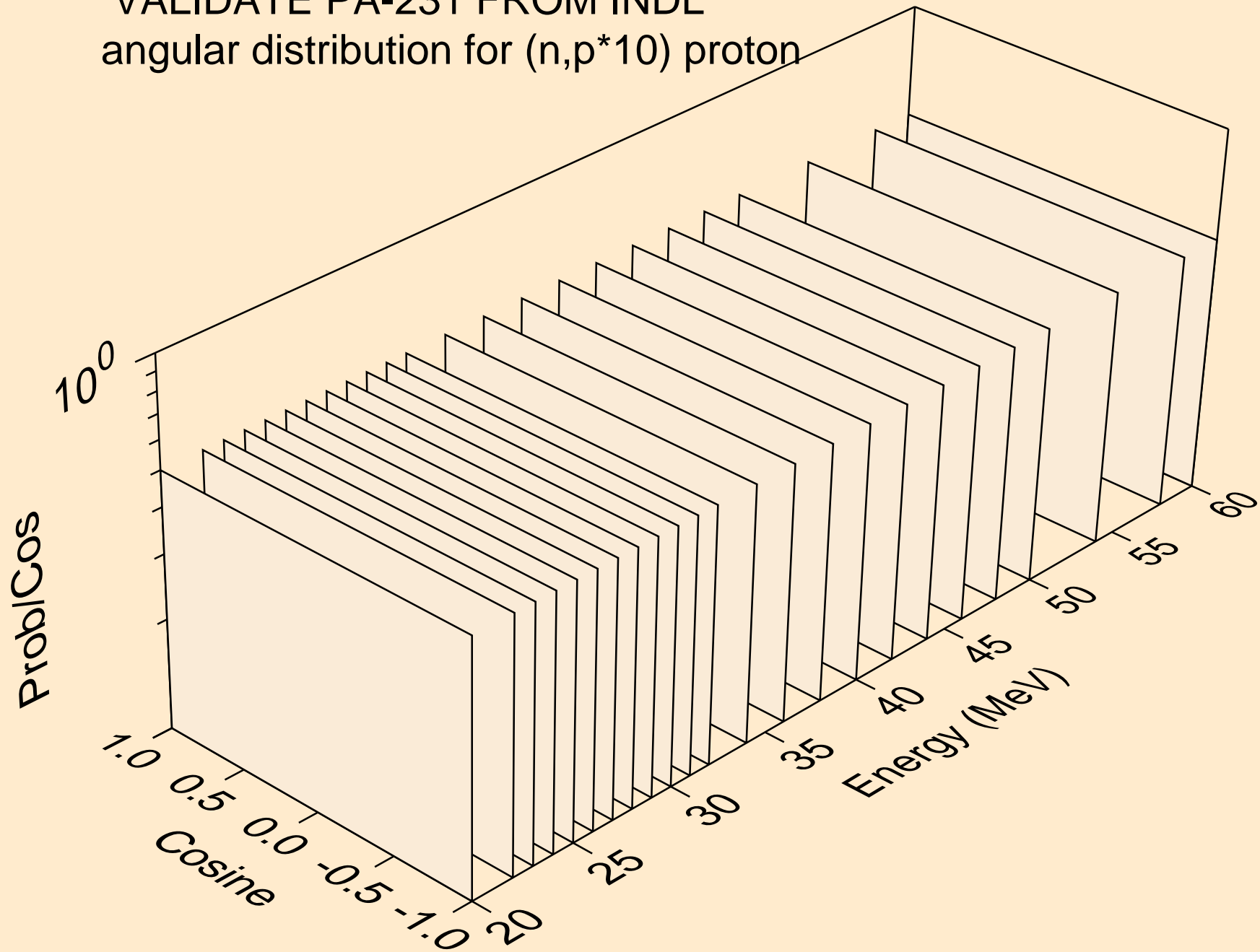
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*9) proton



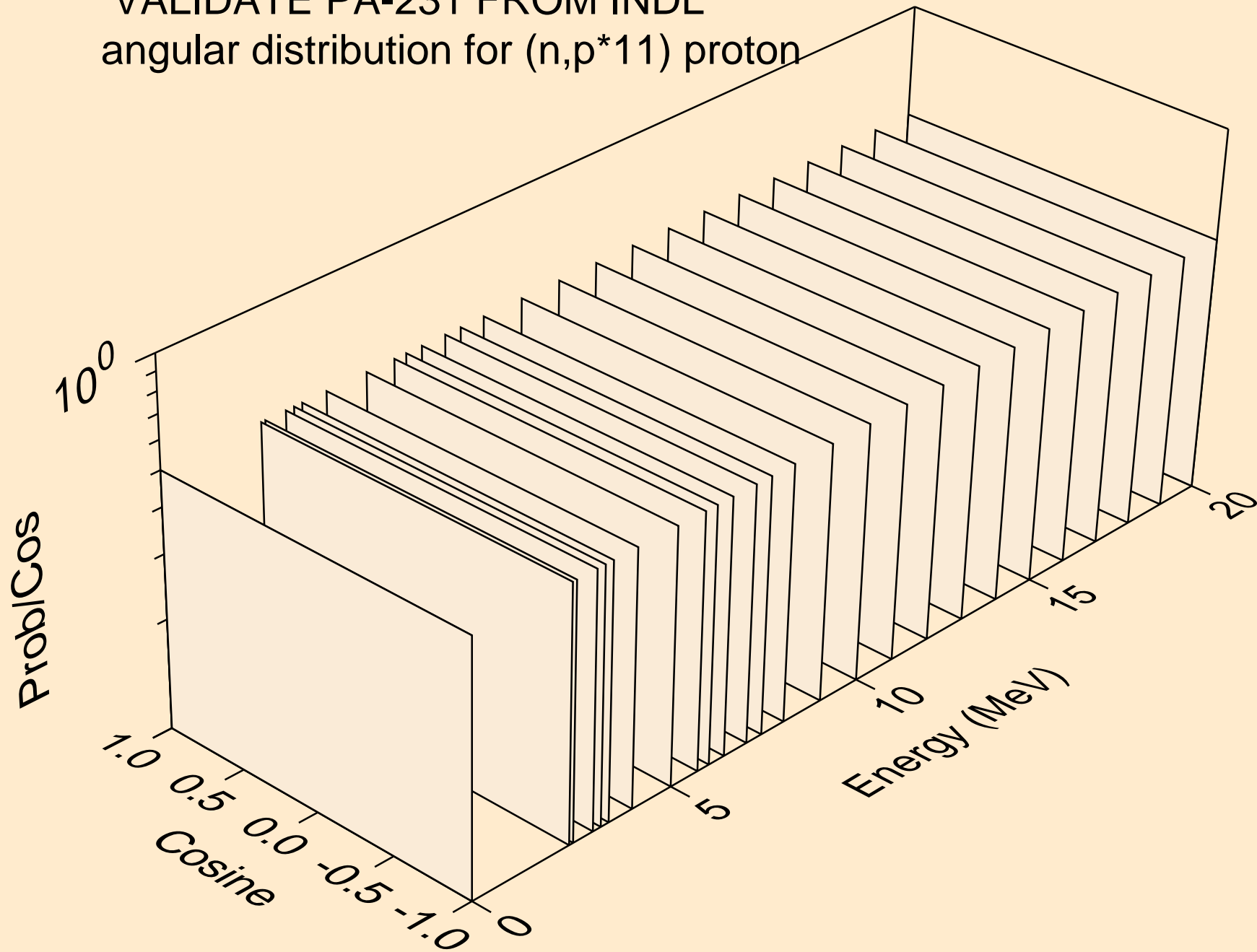
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*10) proton



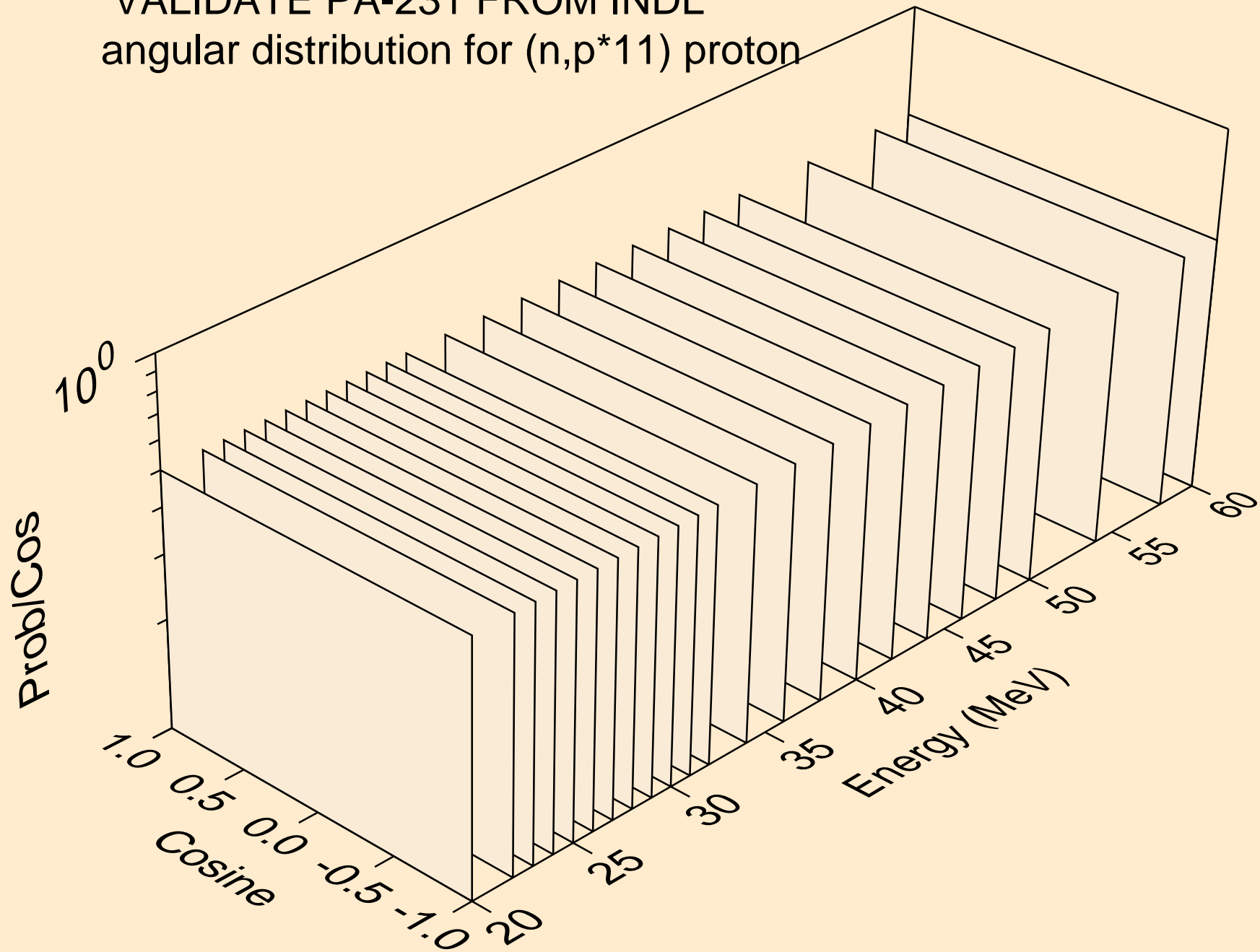
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*10) proton



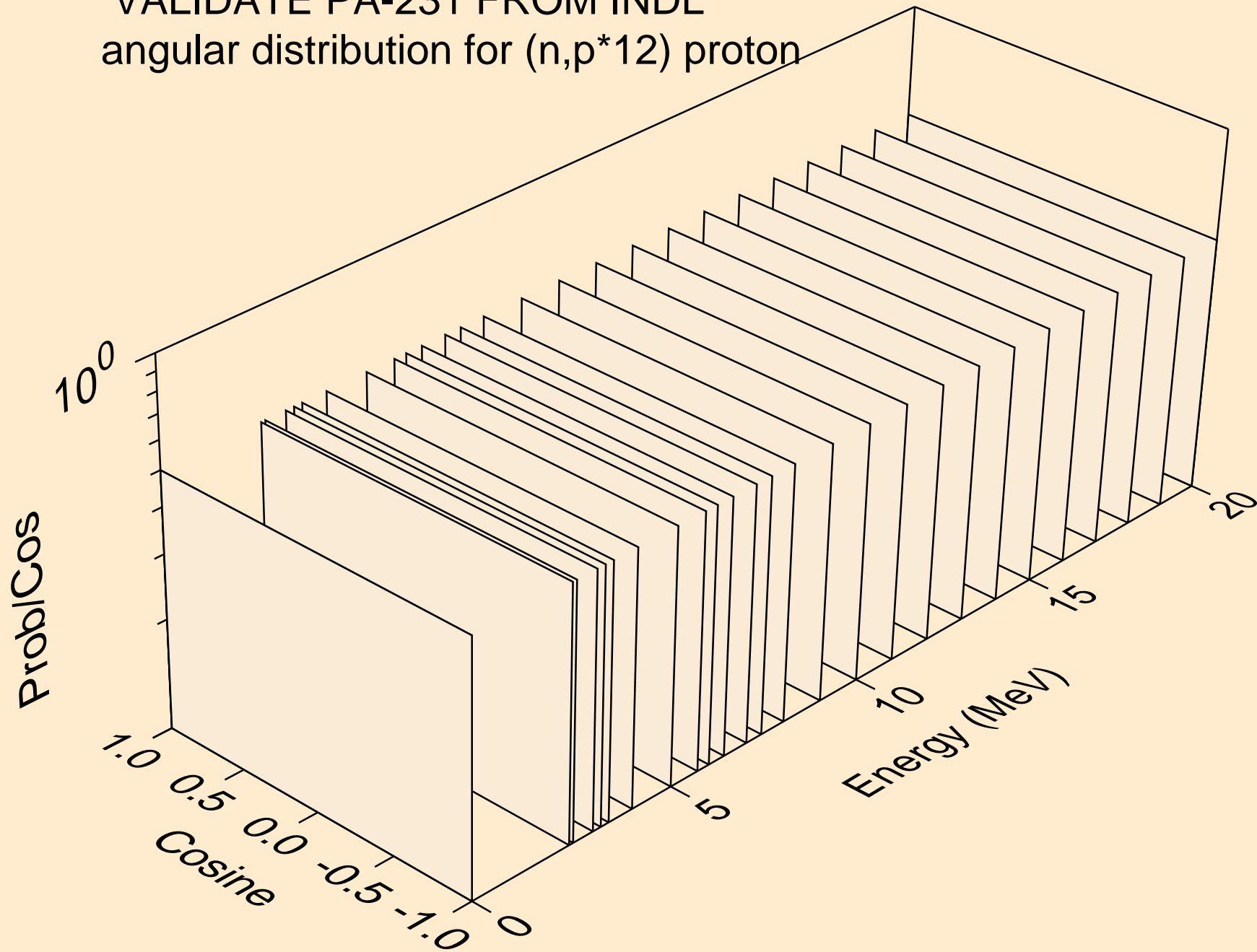
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*11) proton



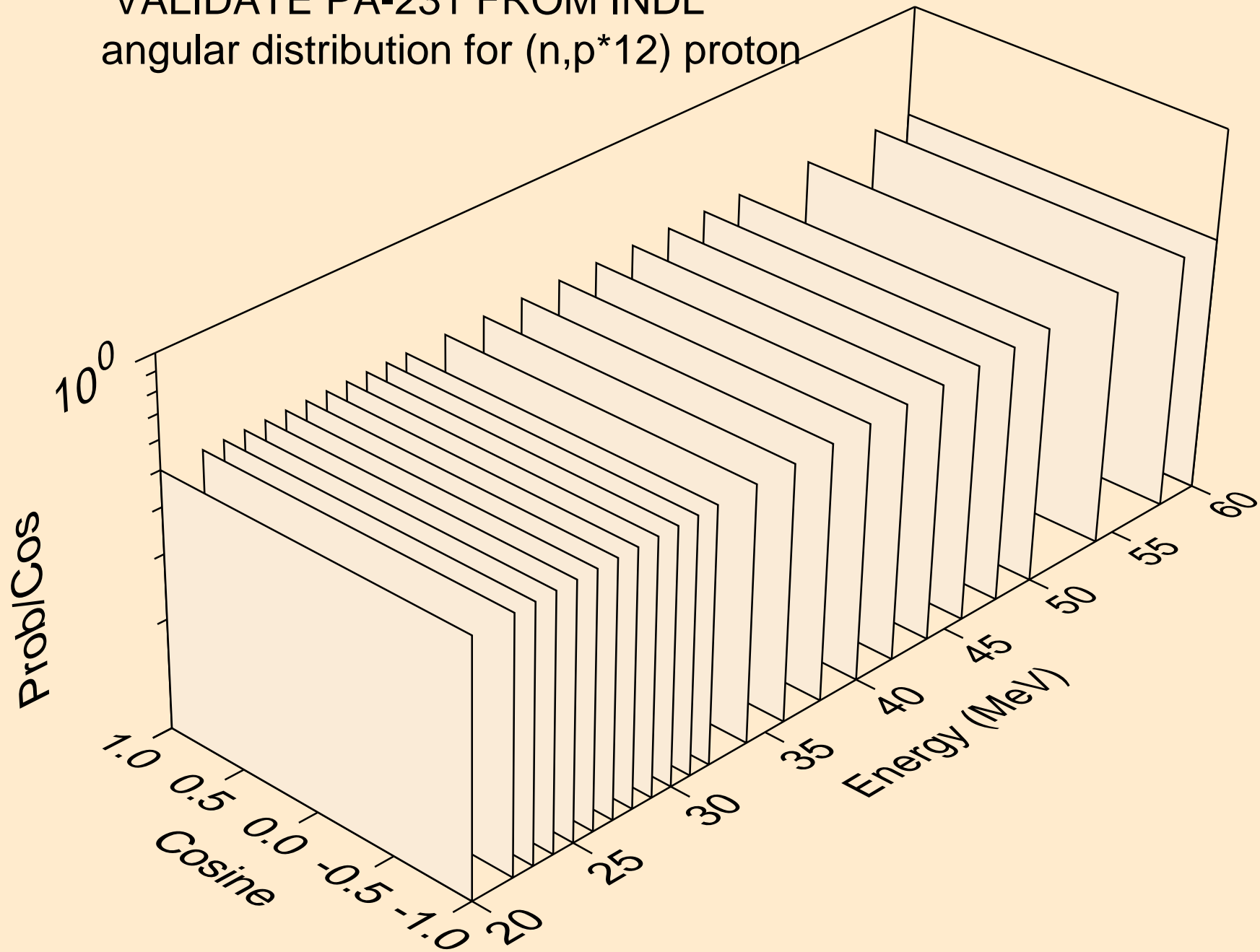
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*11) proton



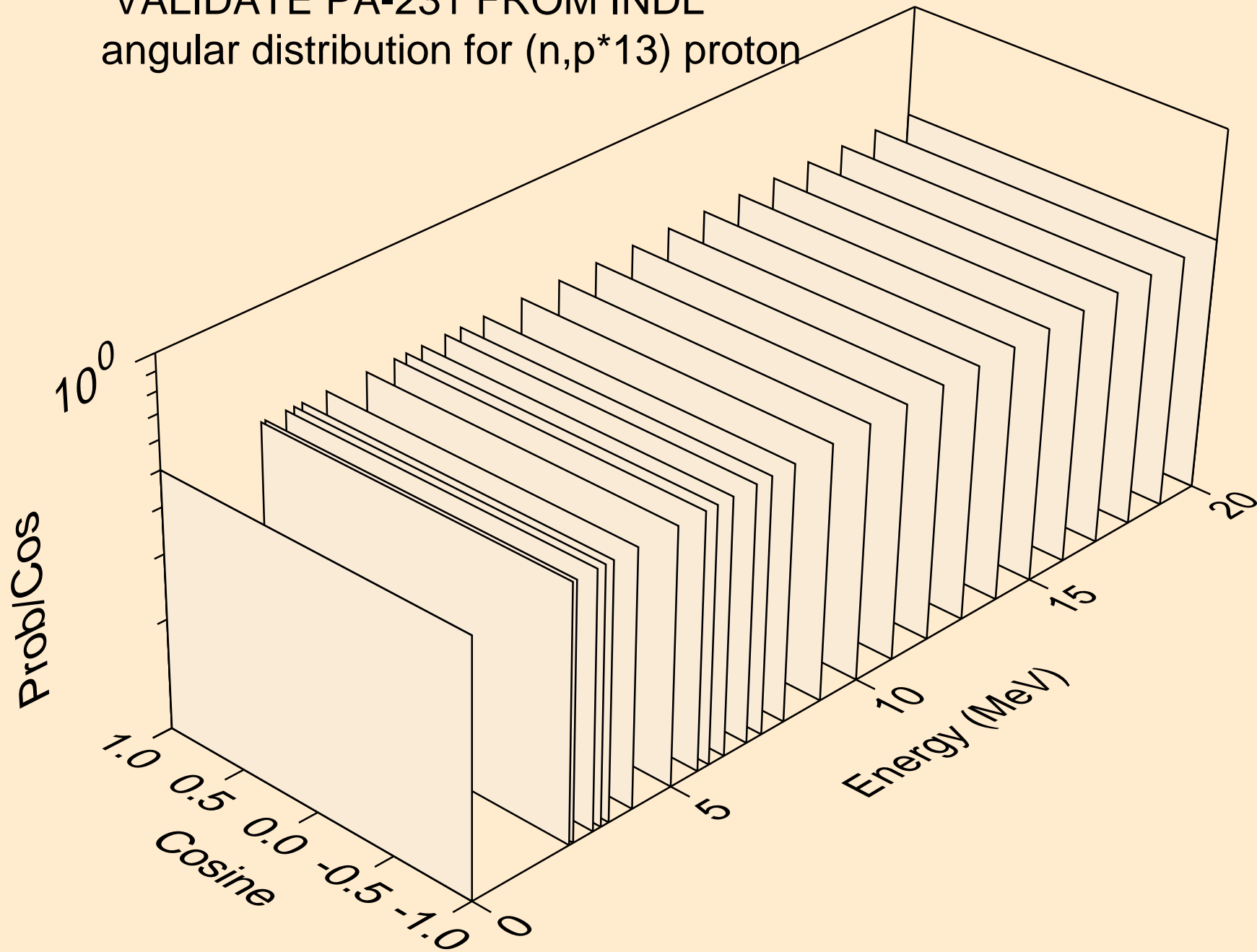
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*12) proton



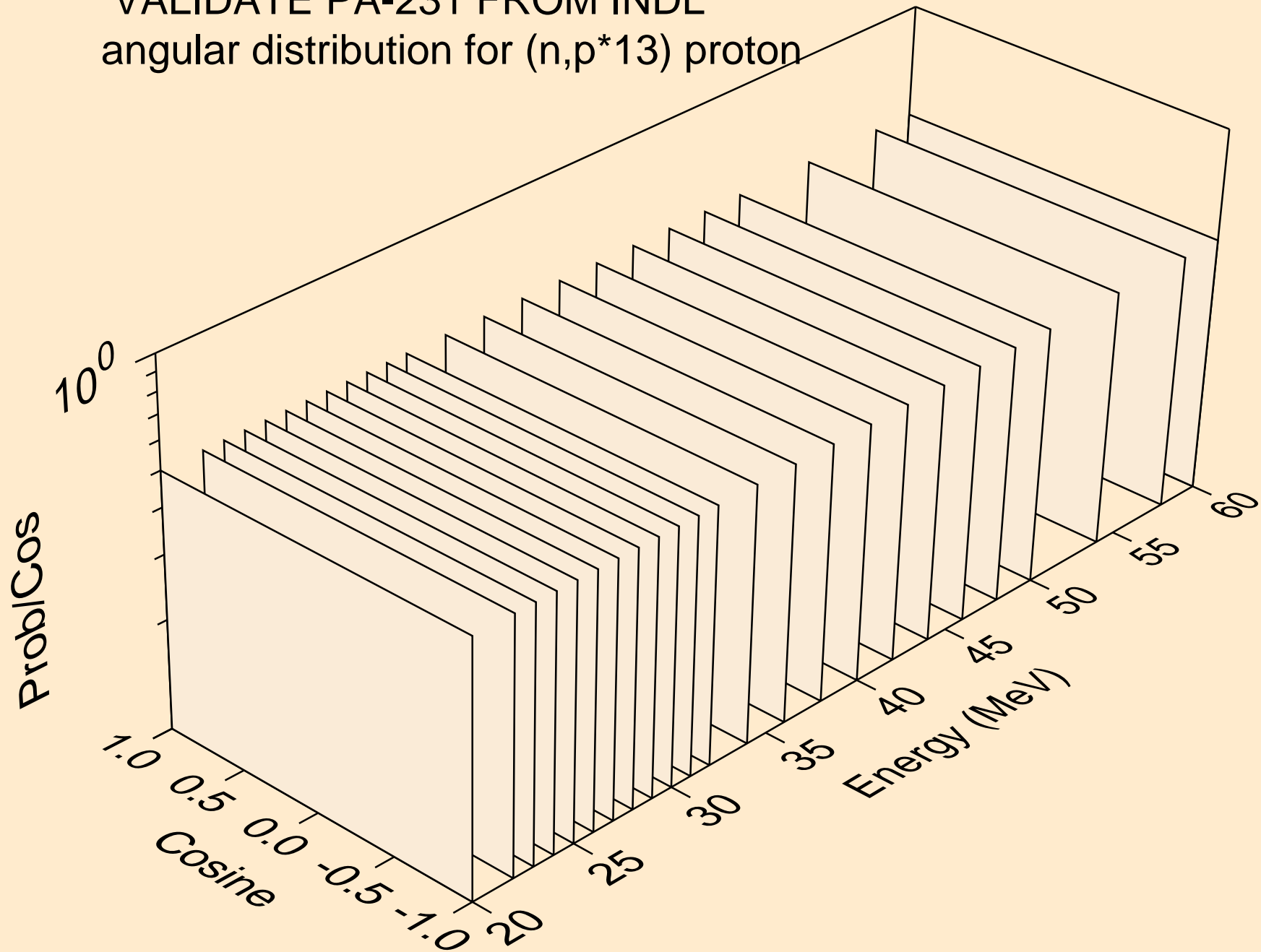
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*12) proton



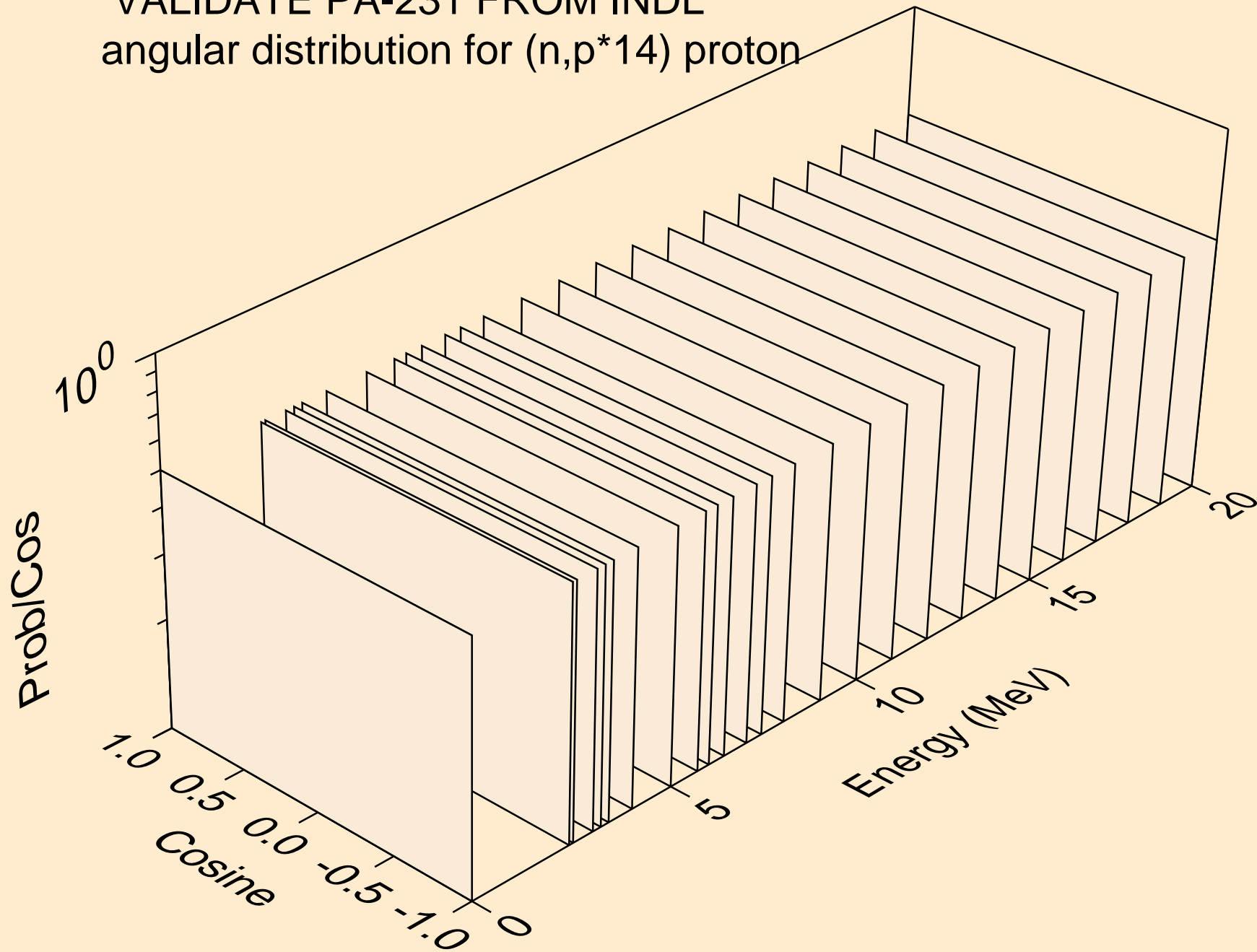
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*13) proton



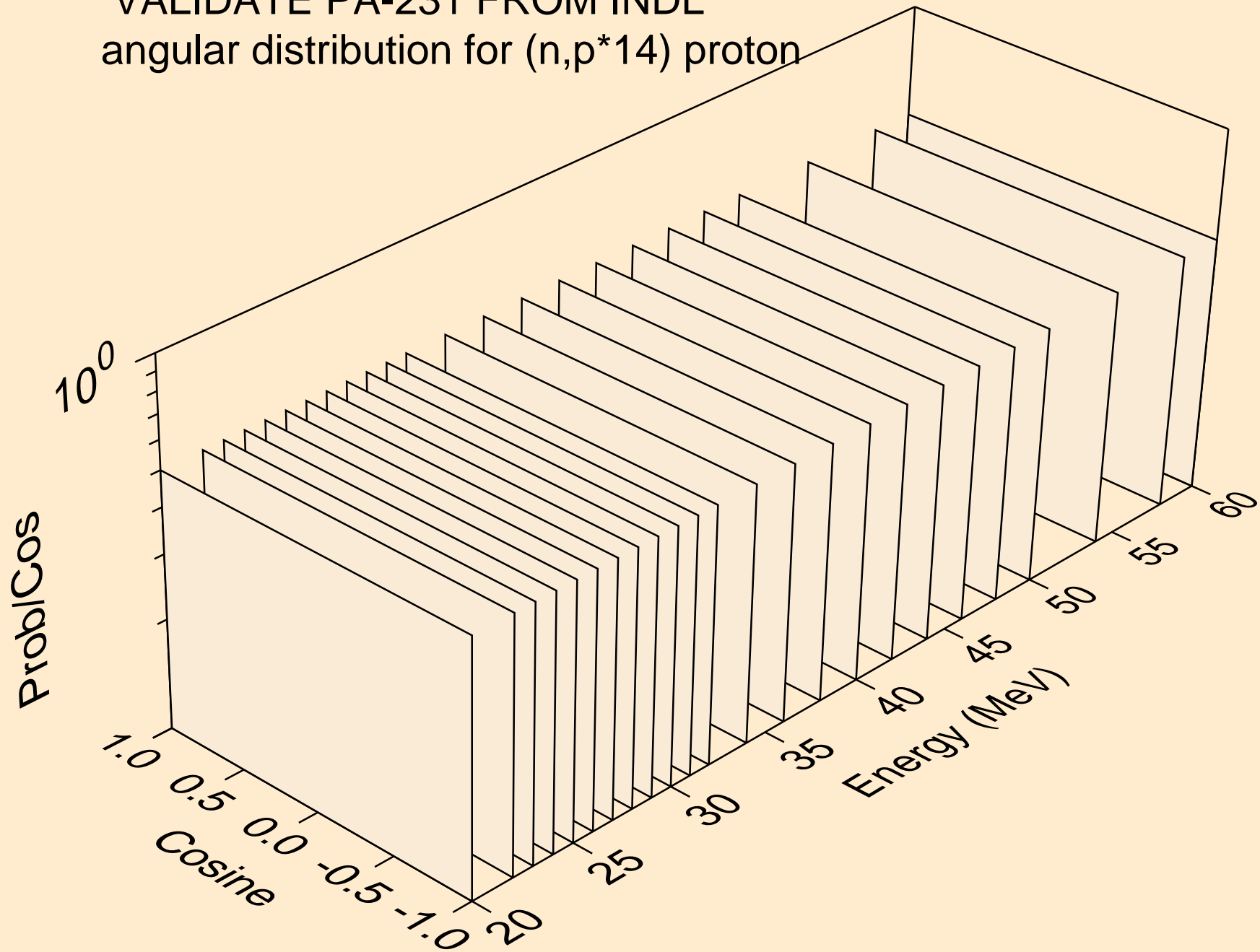
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*13) proton



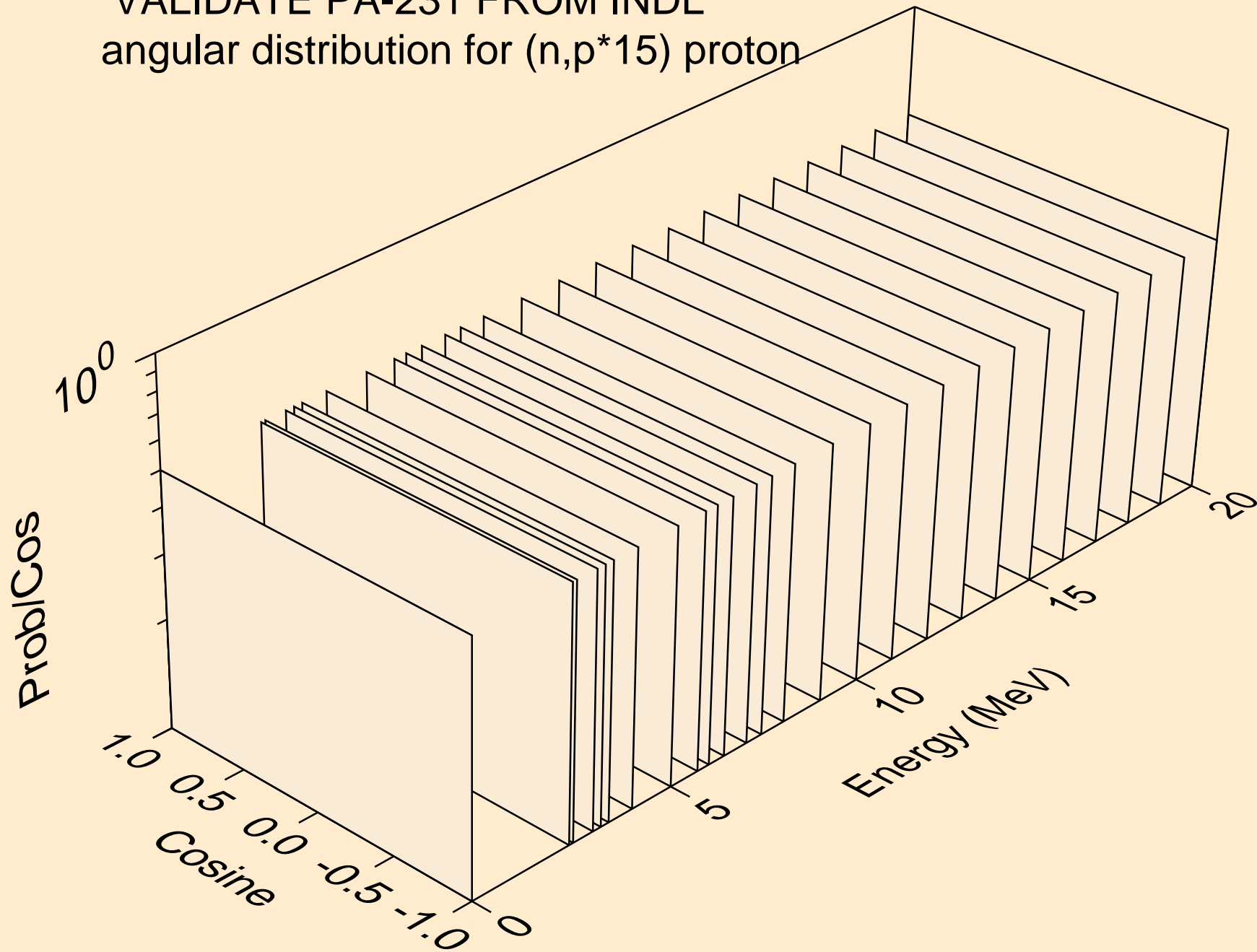
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*14) proton



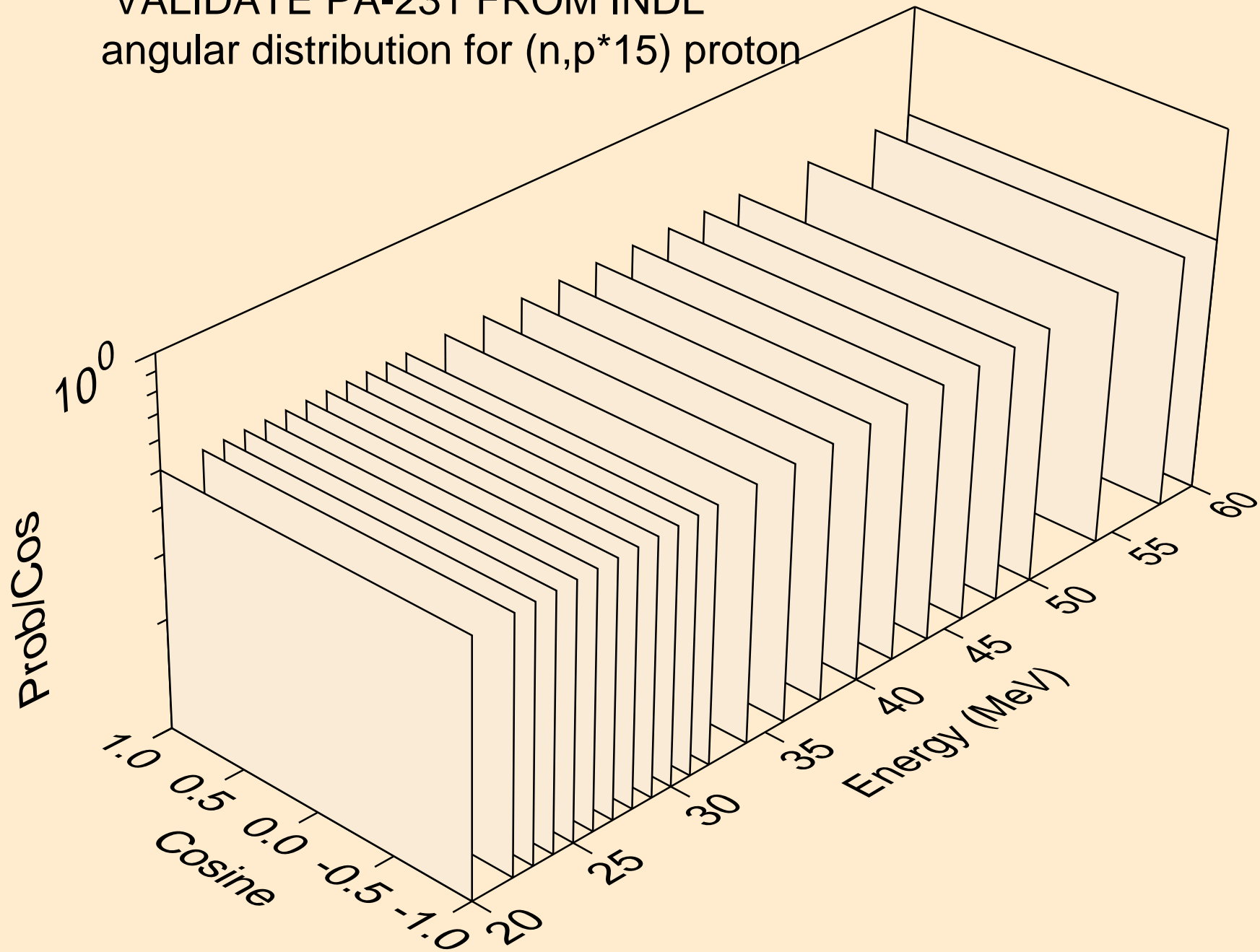
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*14) proton



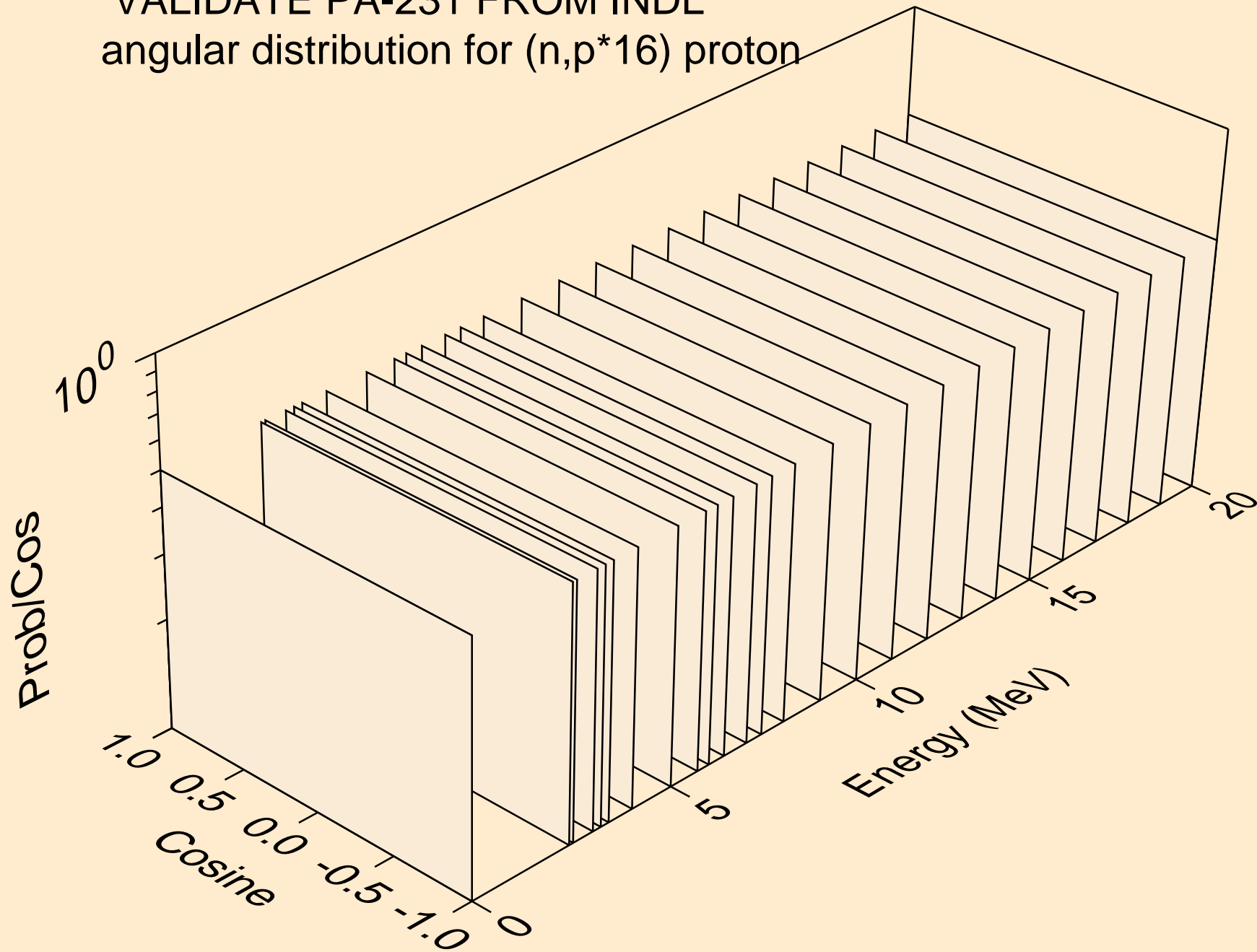
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*15) proton



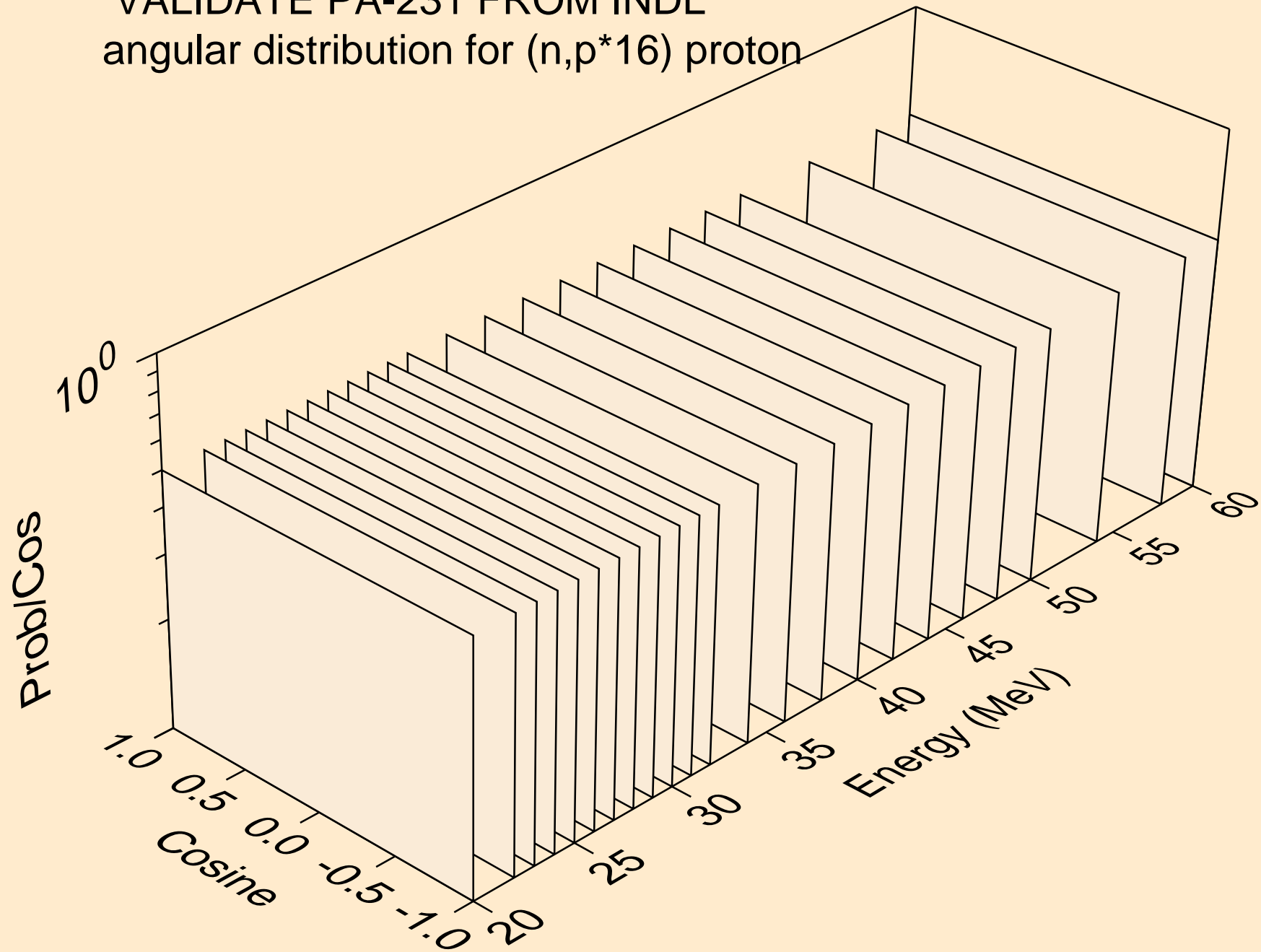
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*15) proton



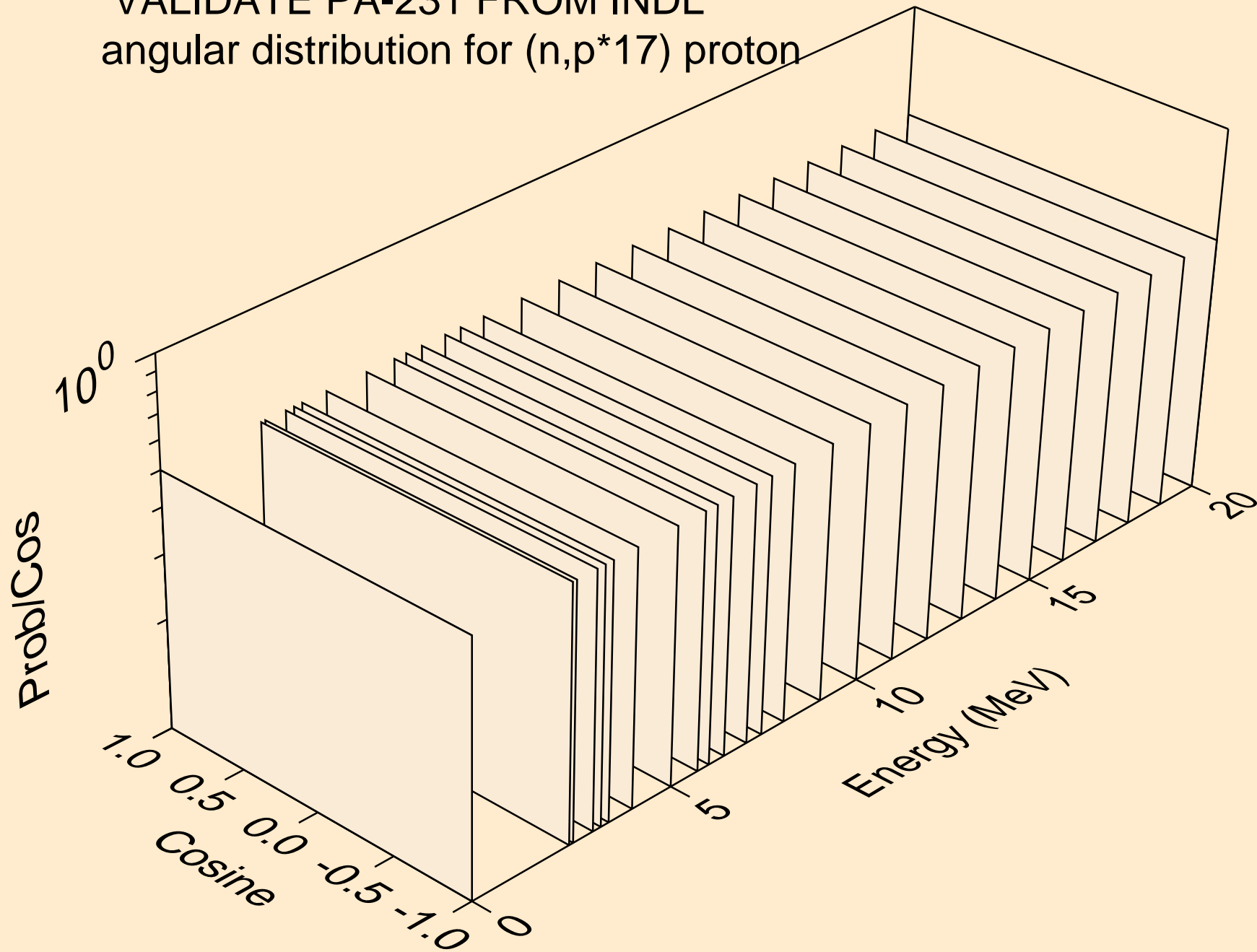
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*16) proton



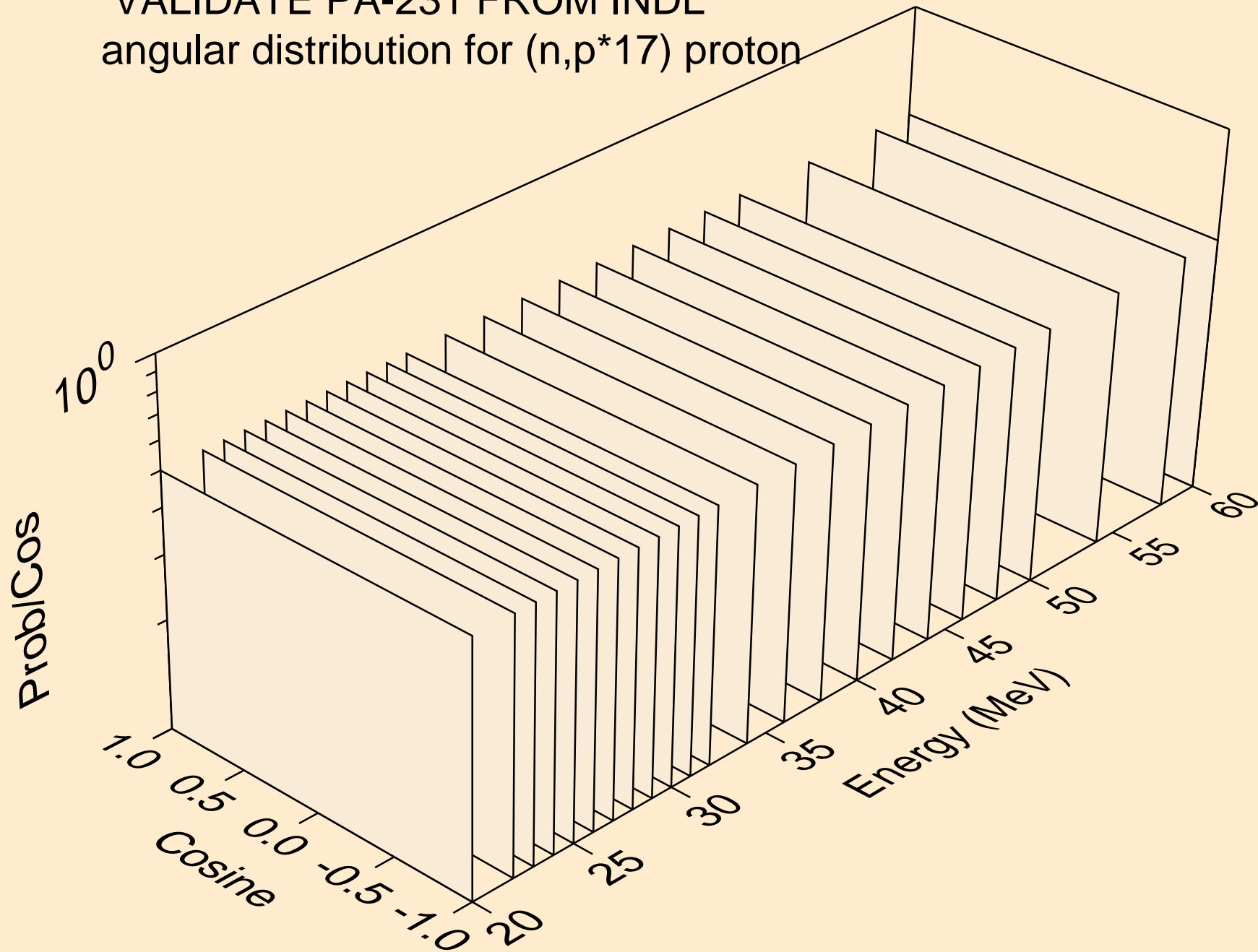
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*16) proton



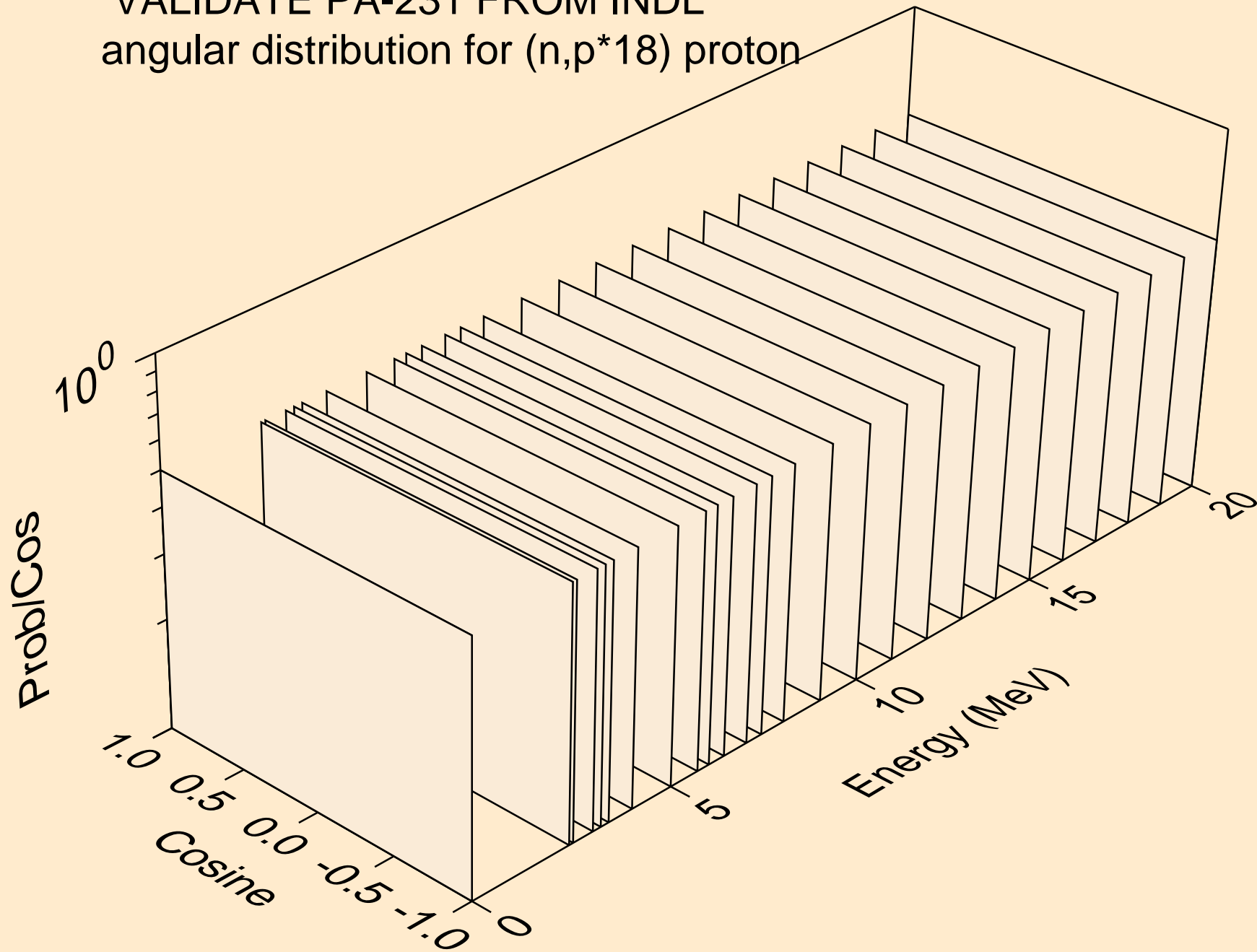
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*17) proton



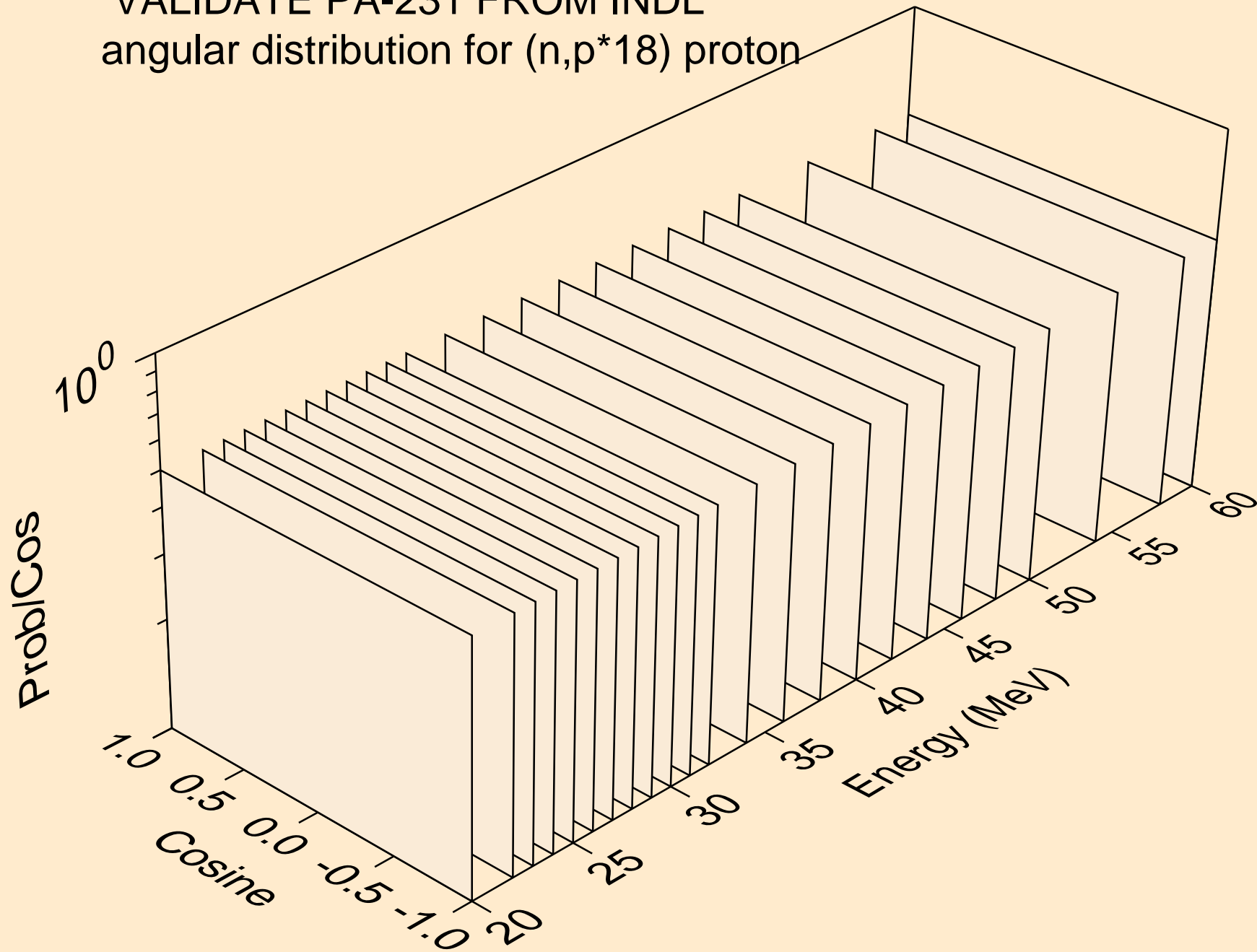
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*17) proton



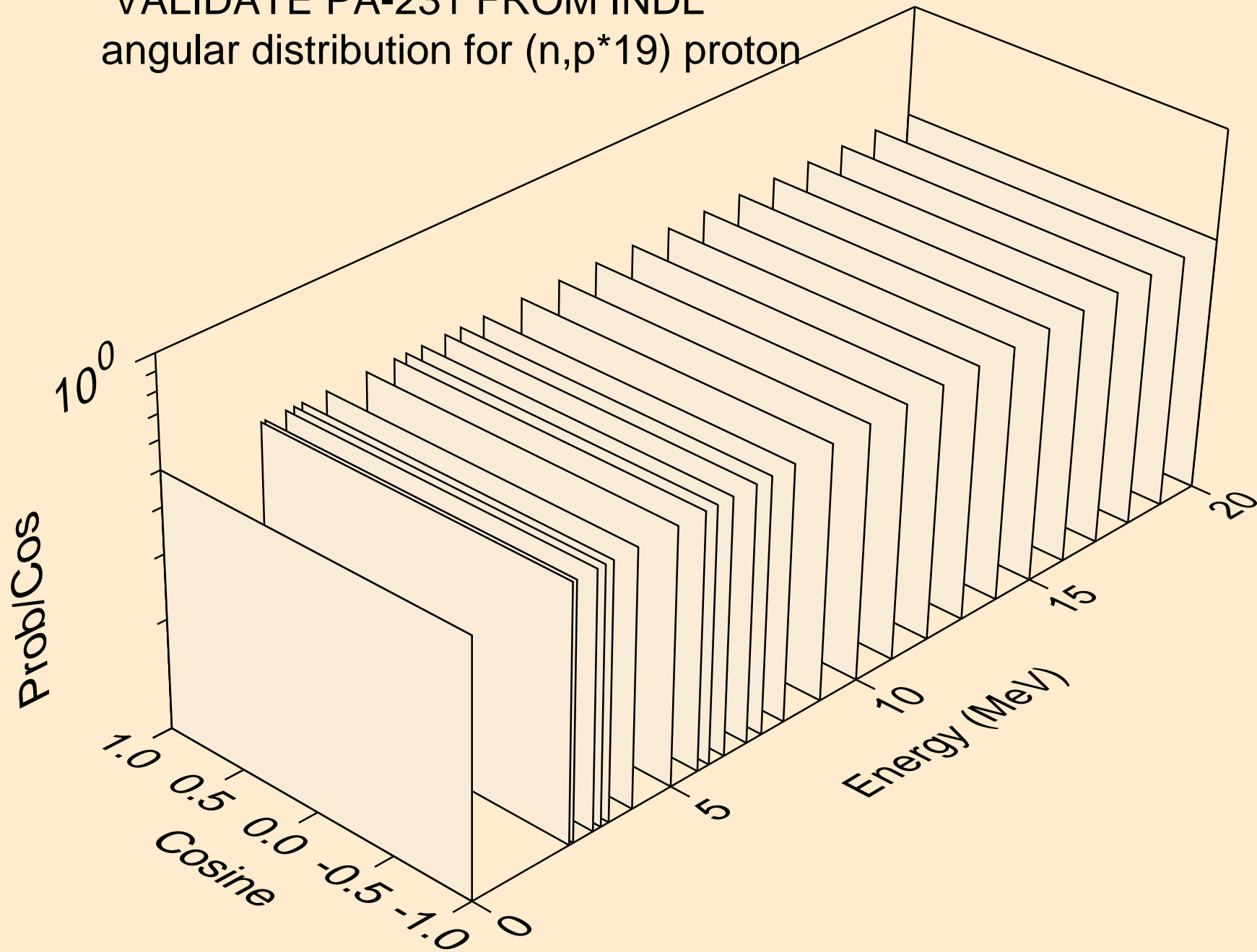
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*18) proton



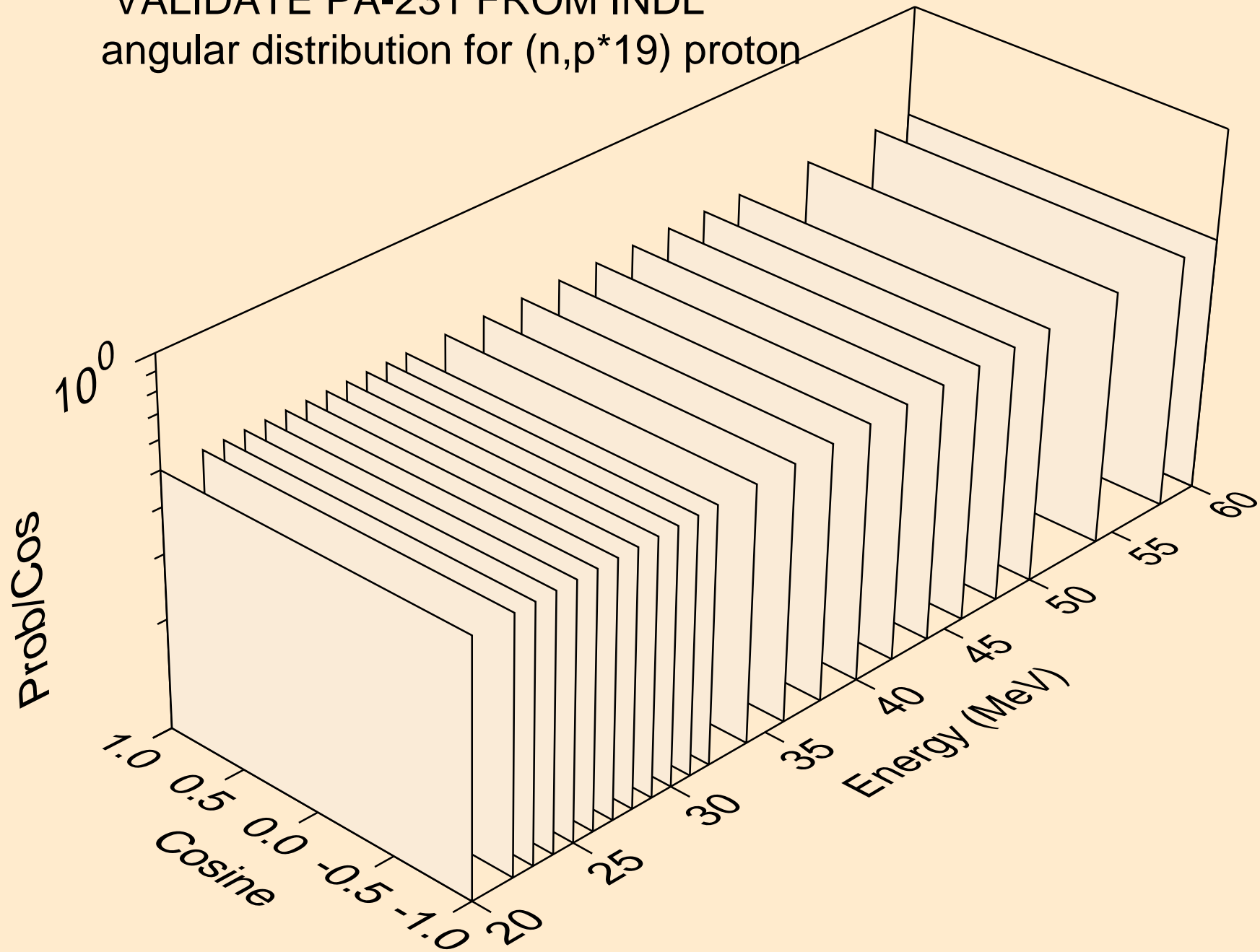
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*18) proton



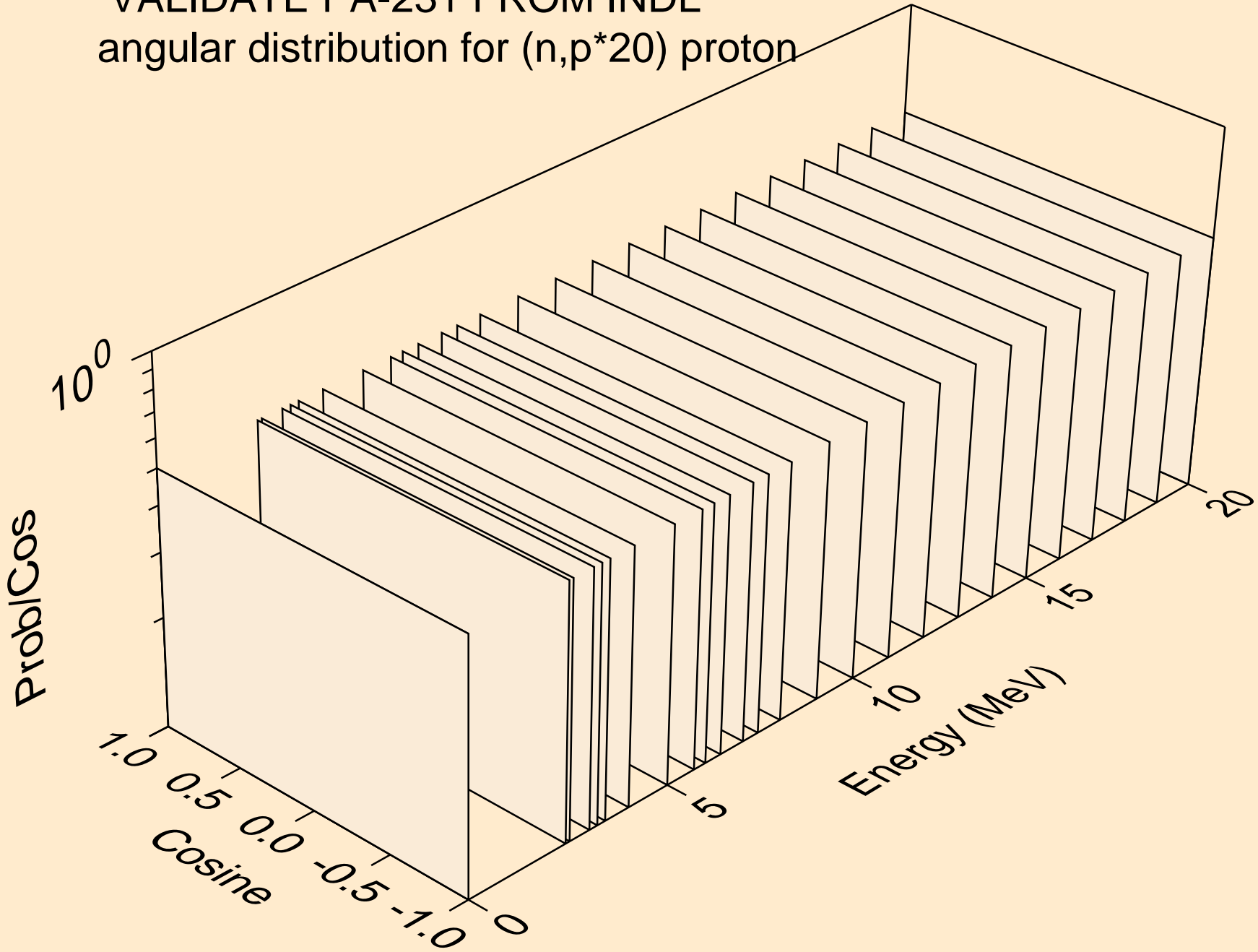
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*19) proton



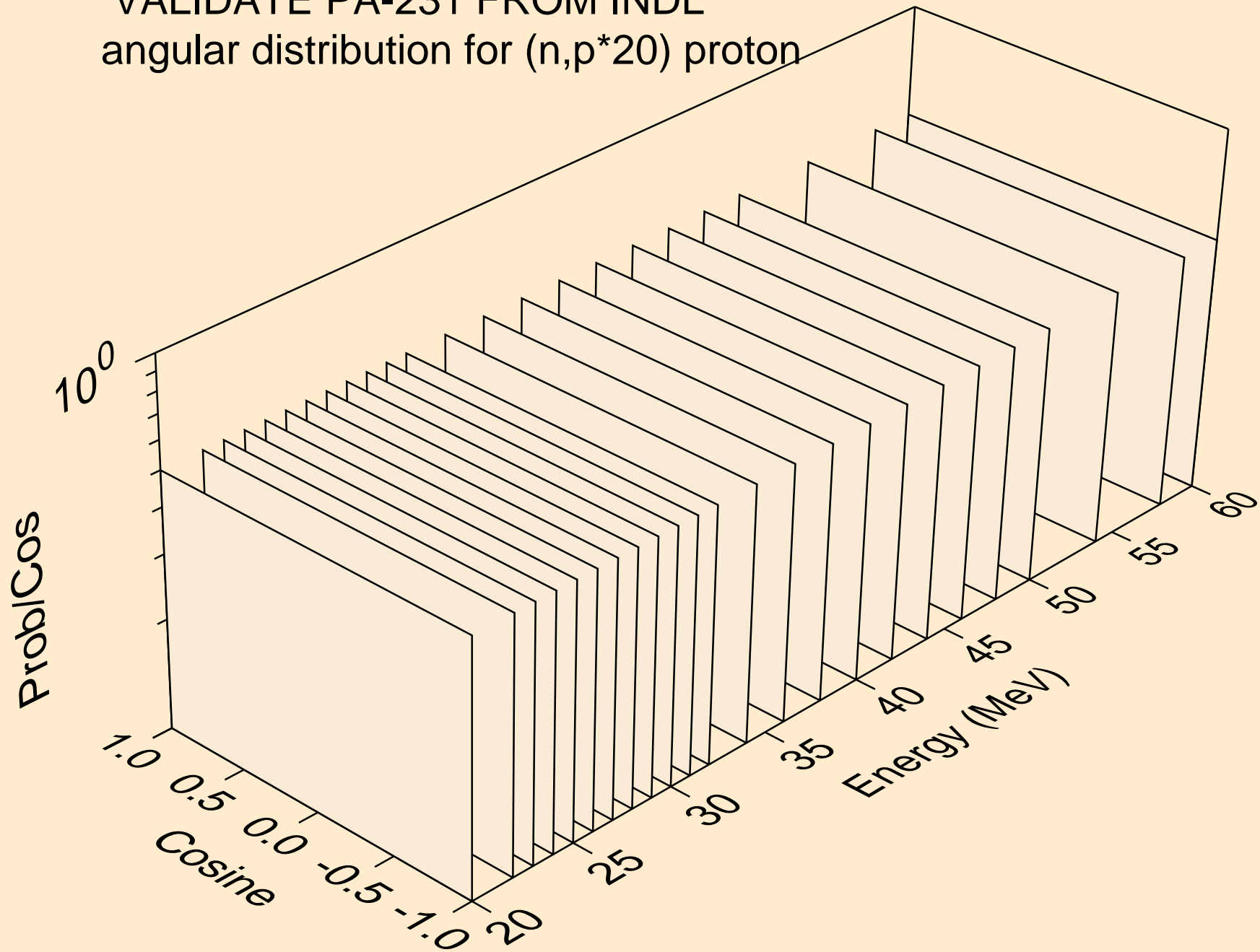
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*19) proton



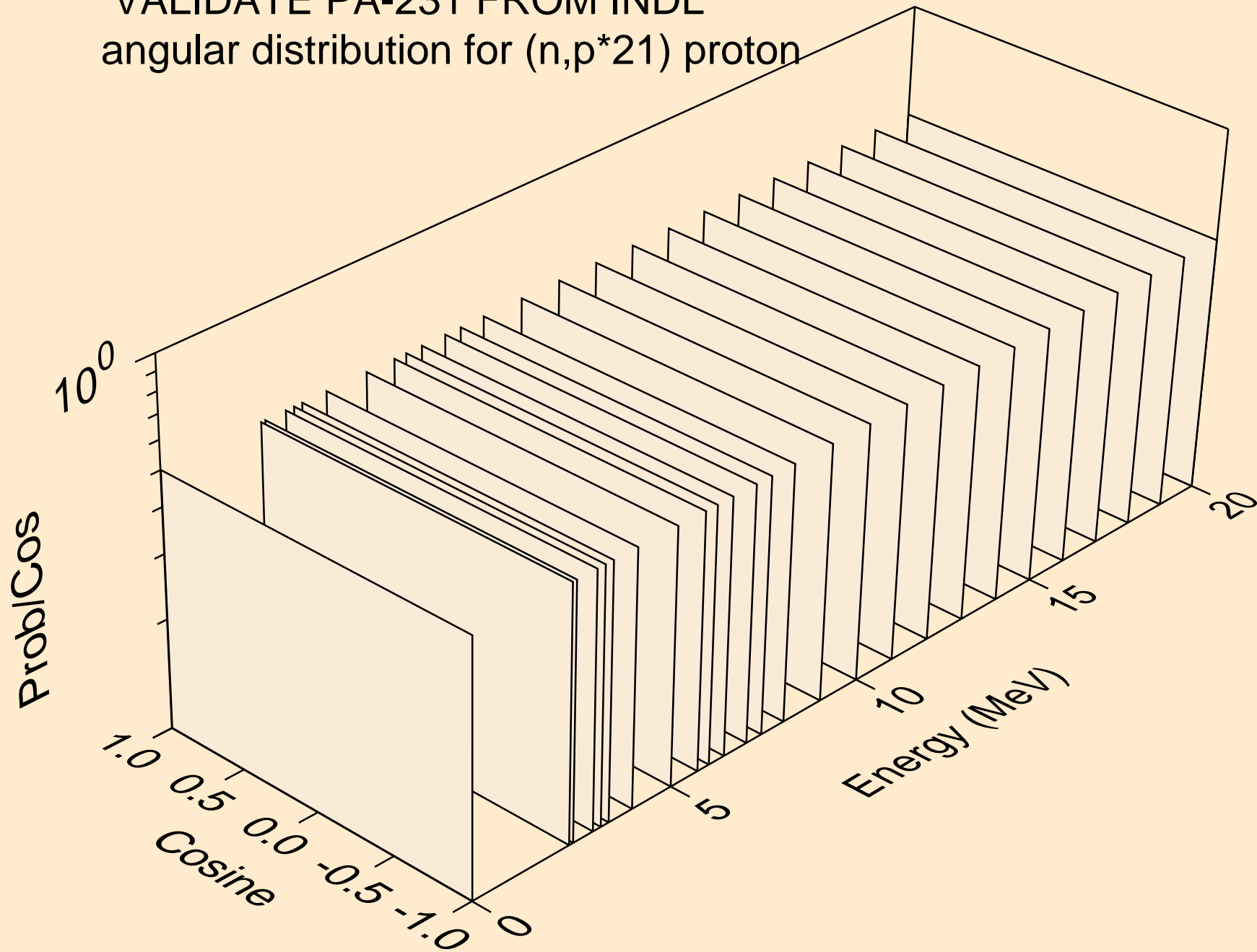
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*20) proton



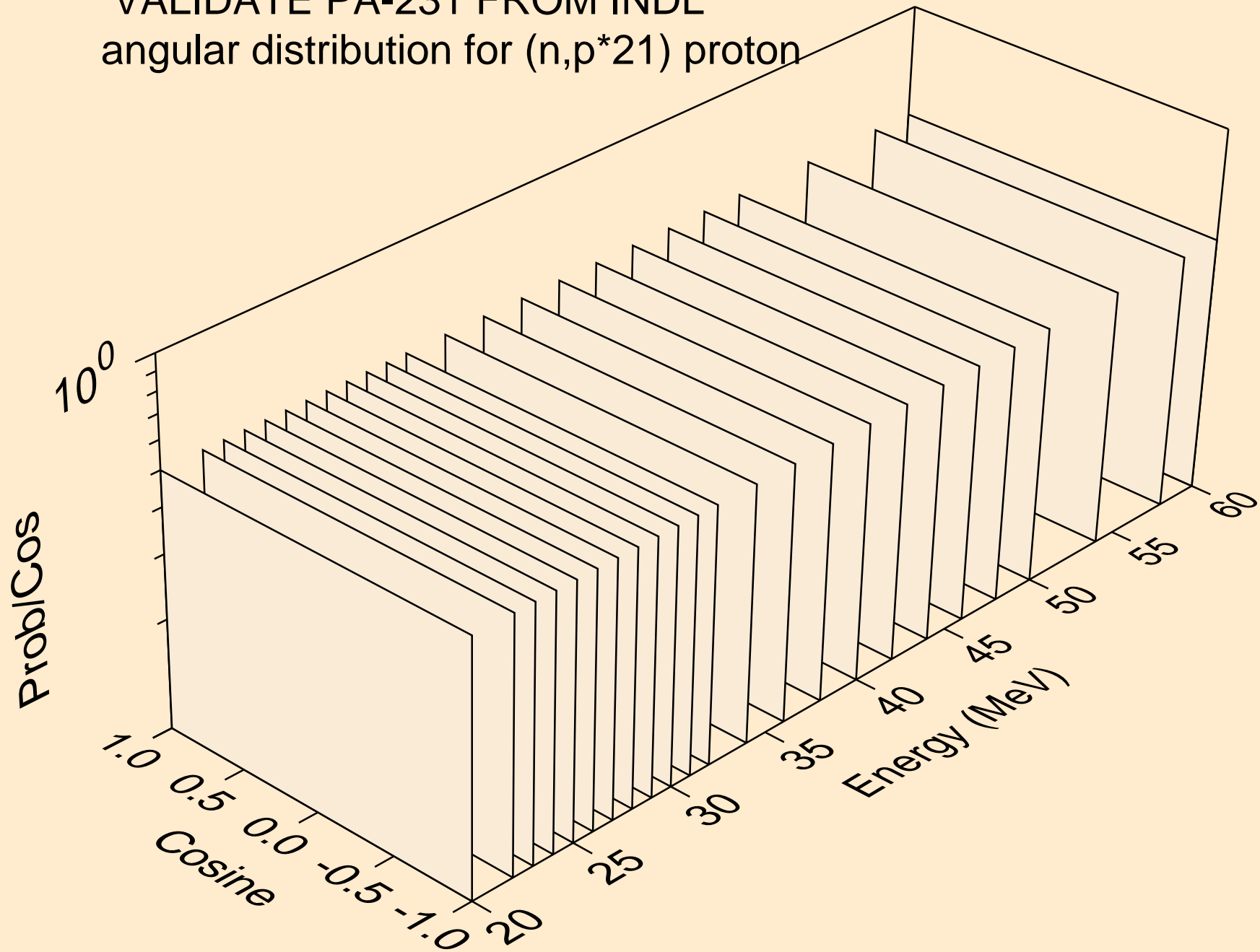
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*20) proton



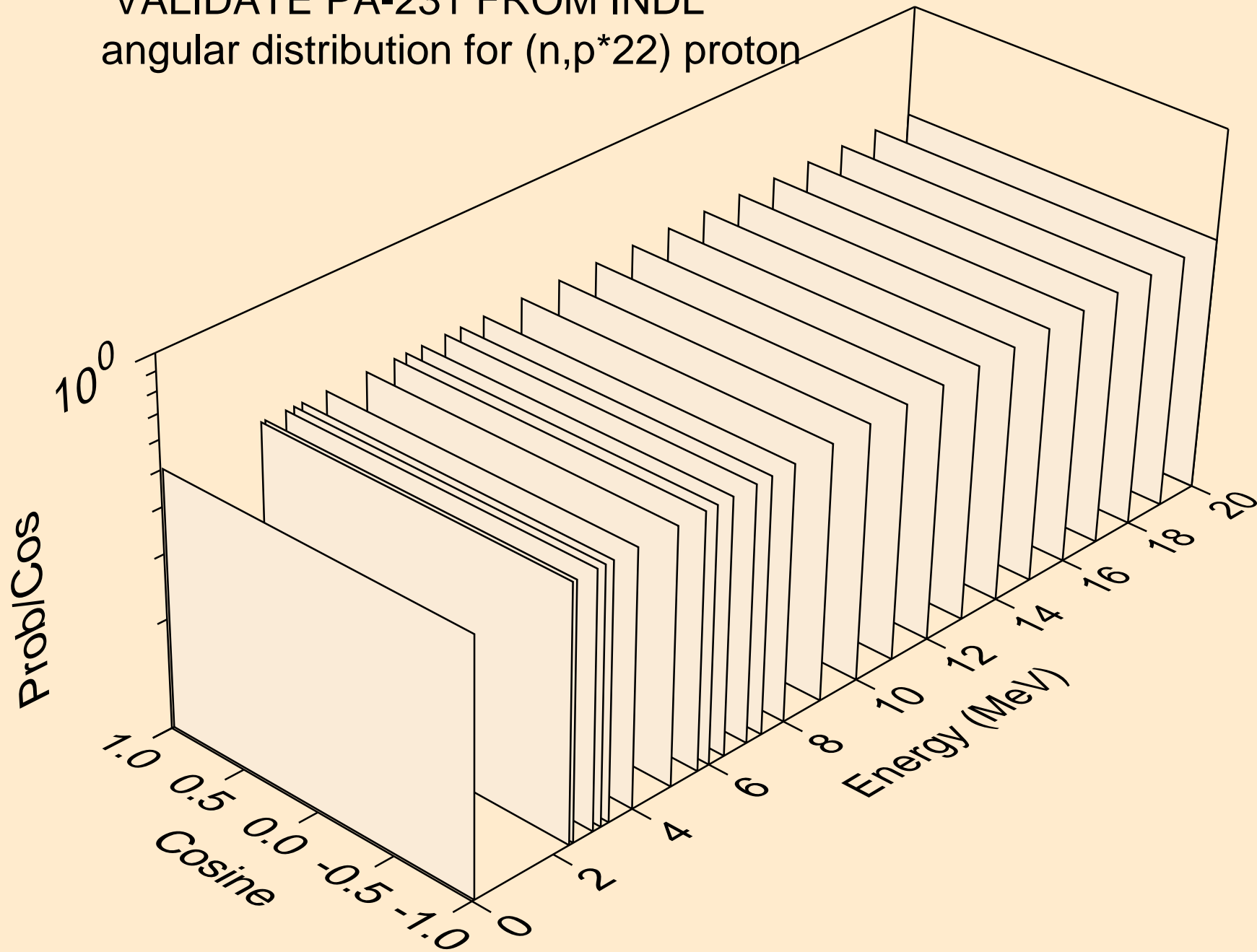
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*21) proton



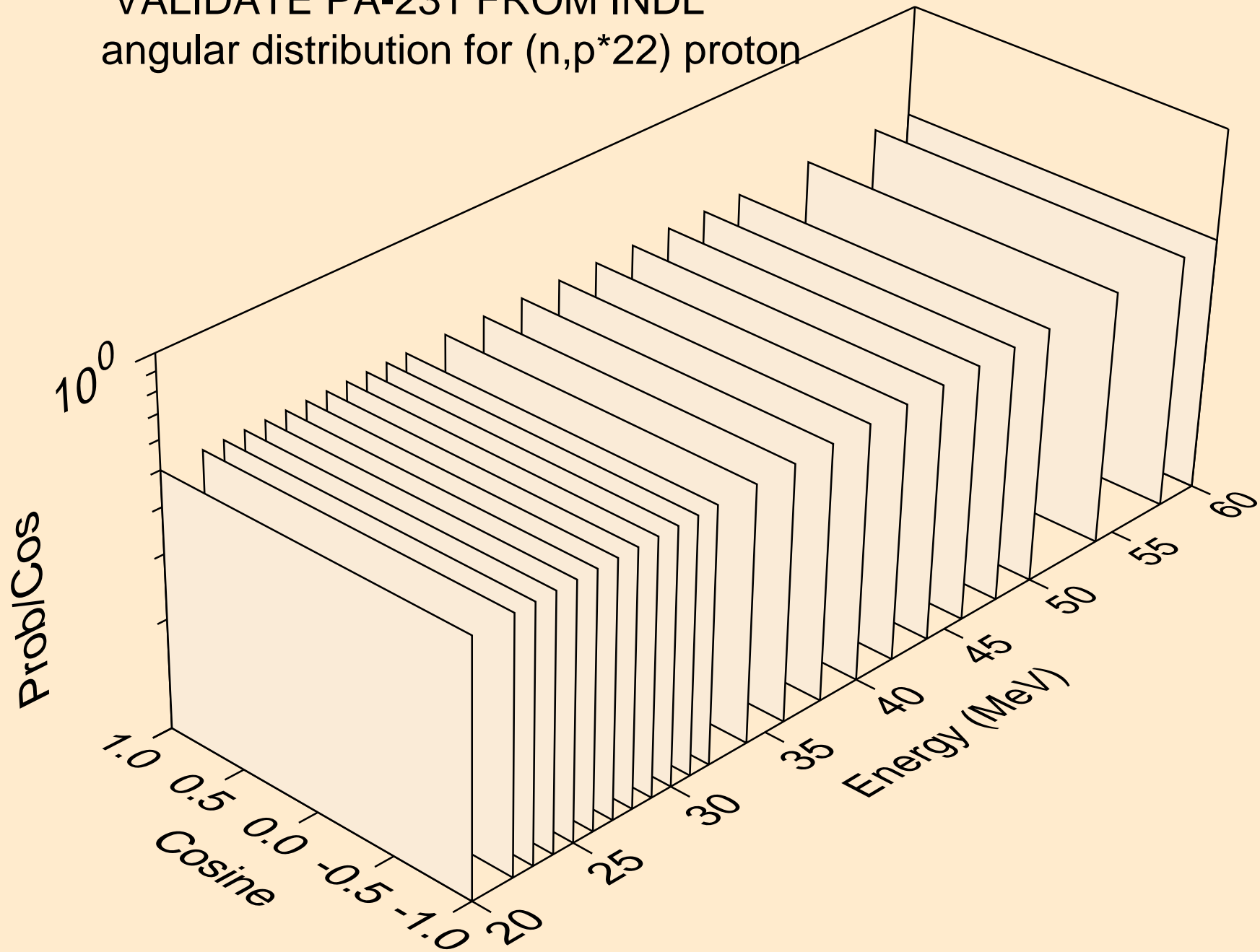
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*21) proton



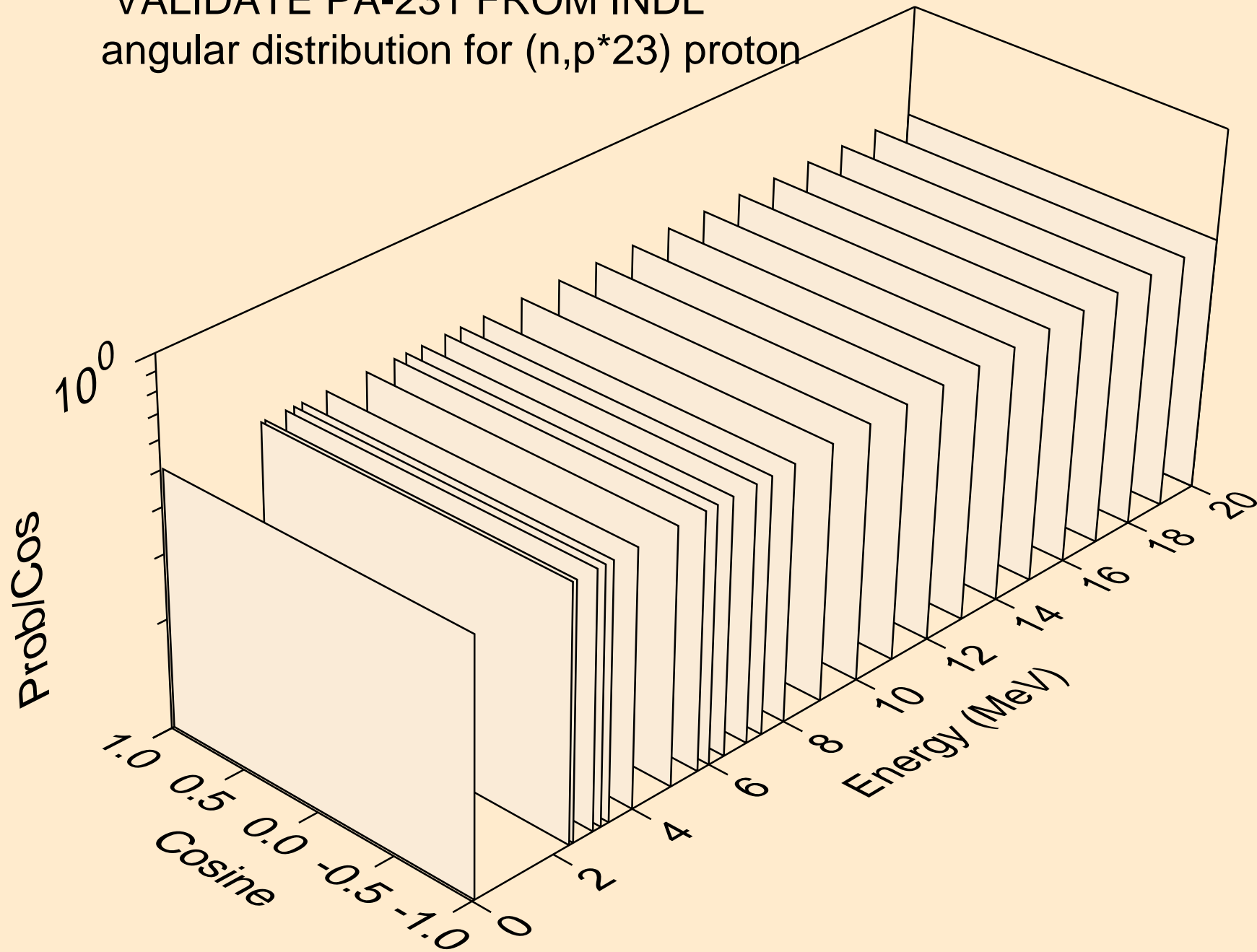
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*22) proton



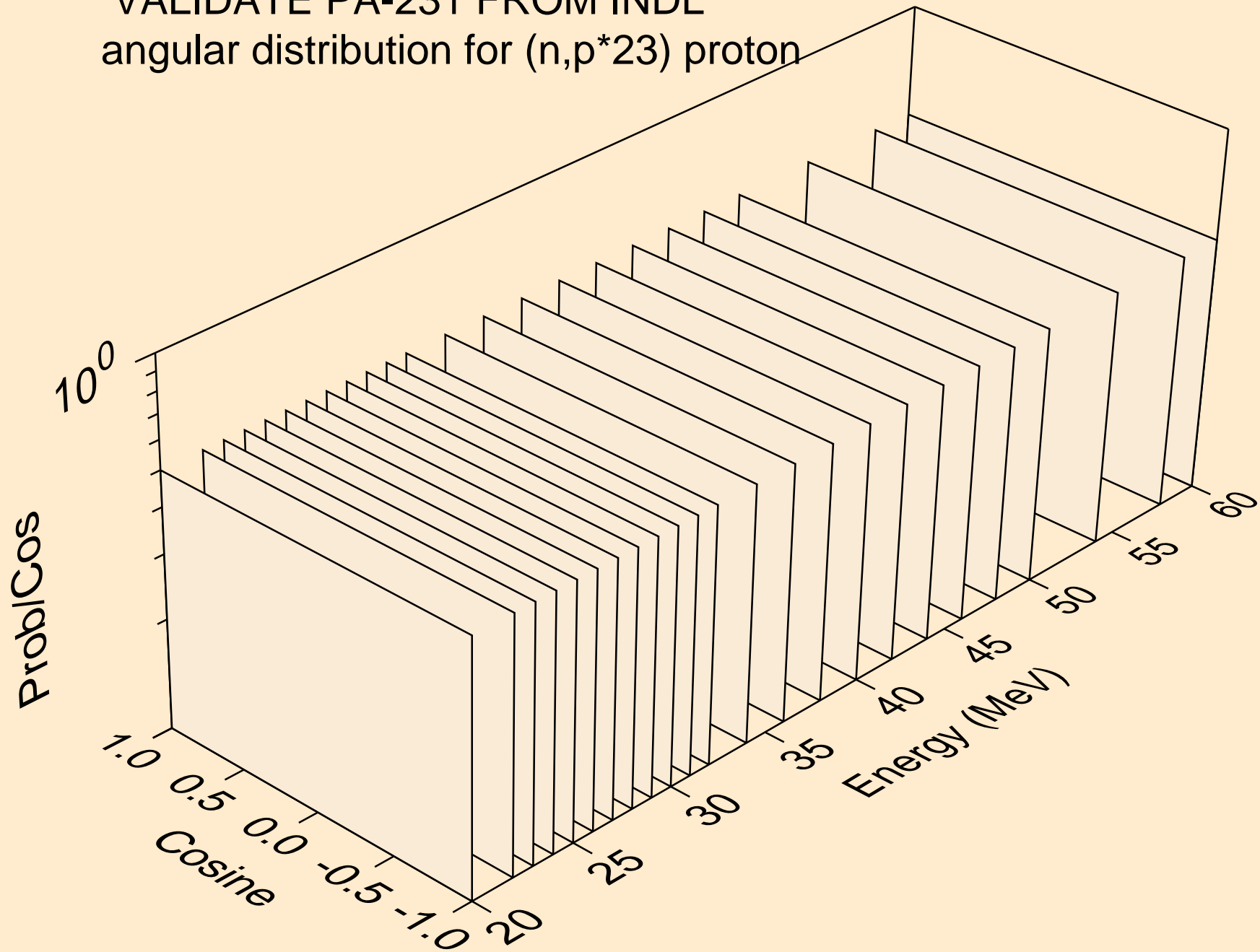
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*22) proton



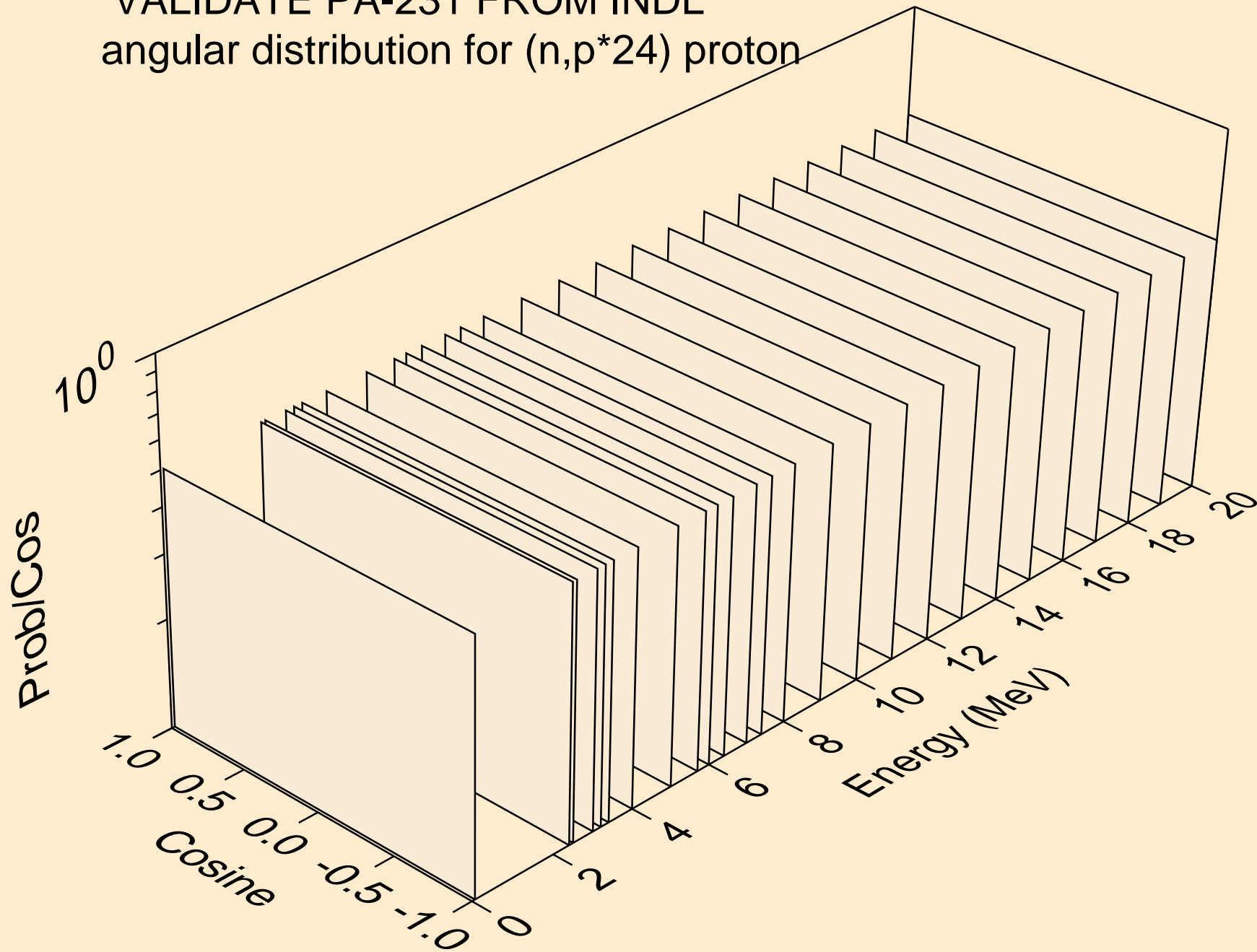
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*23) proton



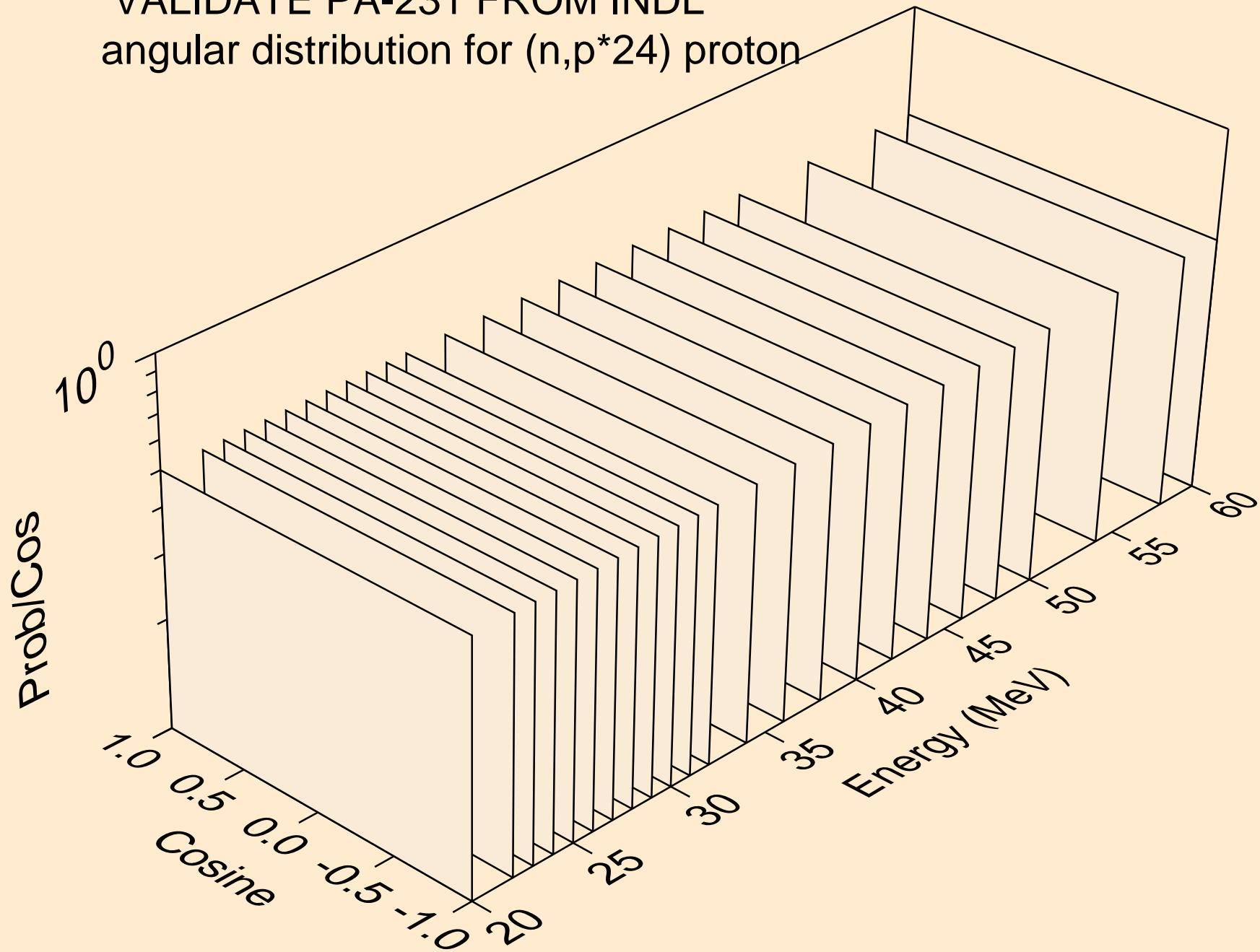
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*23) proton



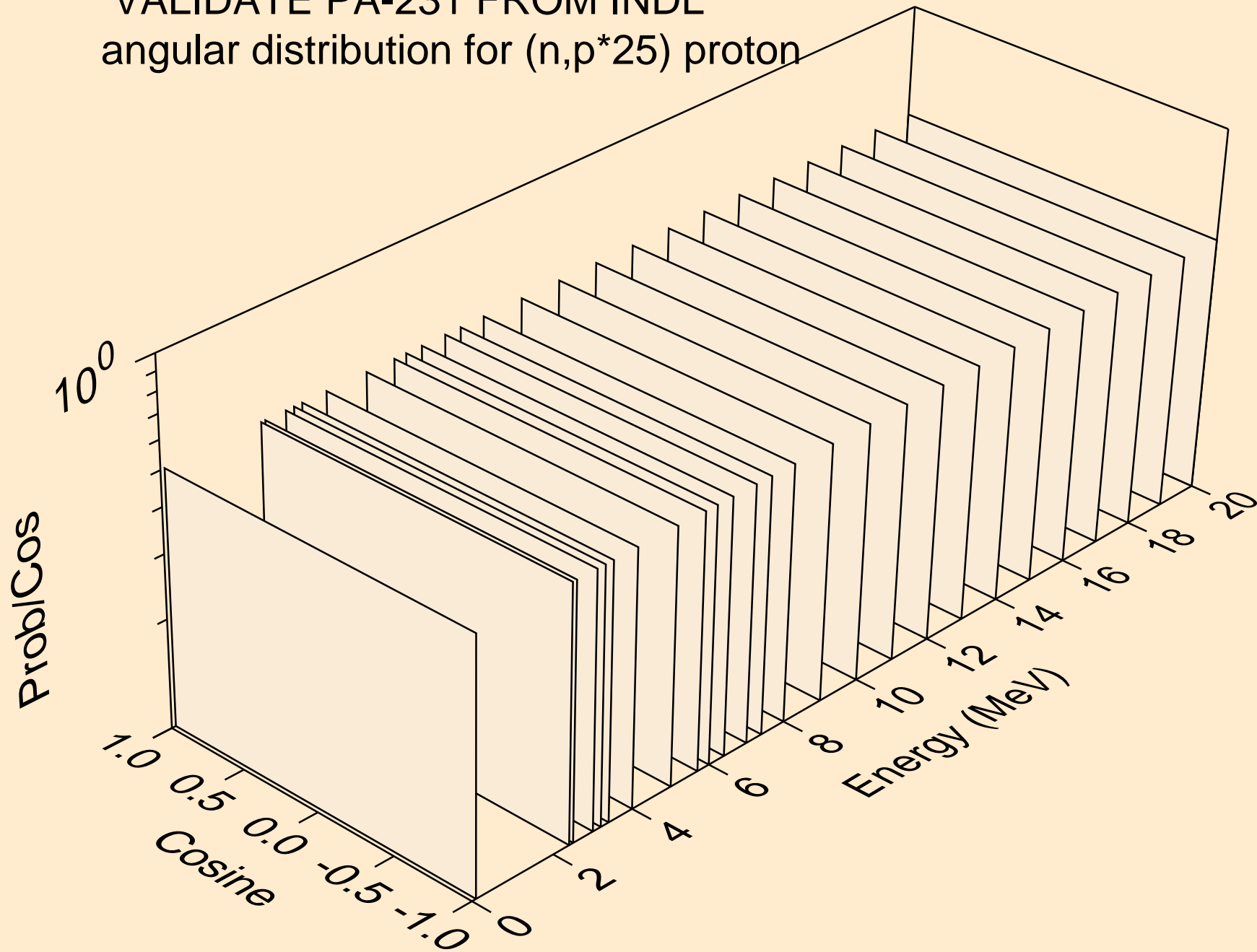
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*24) proton



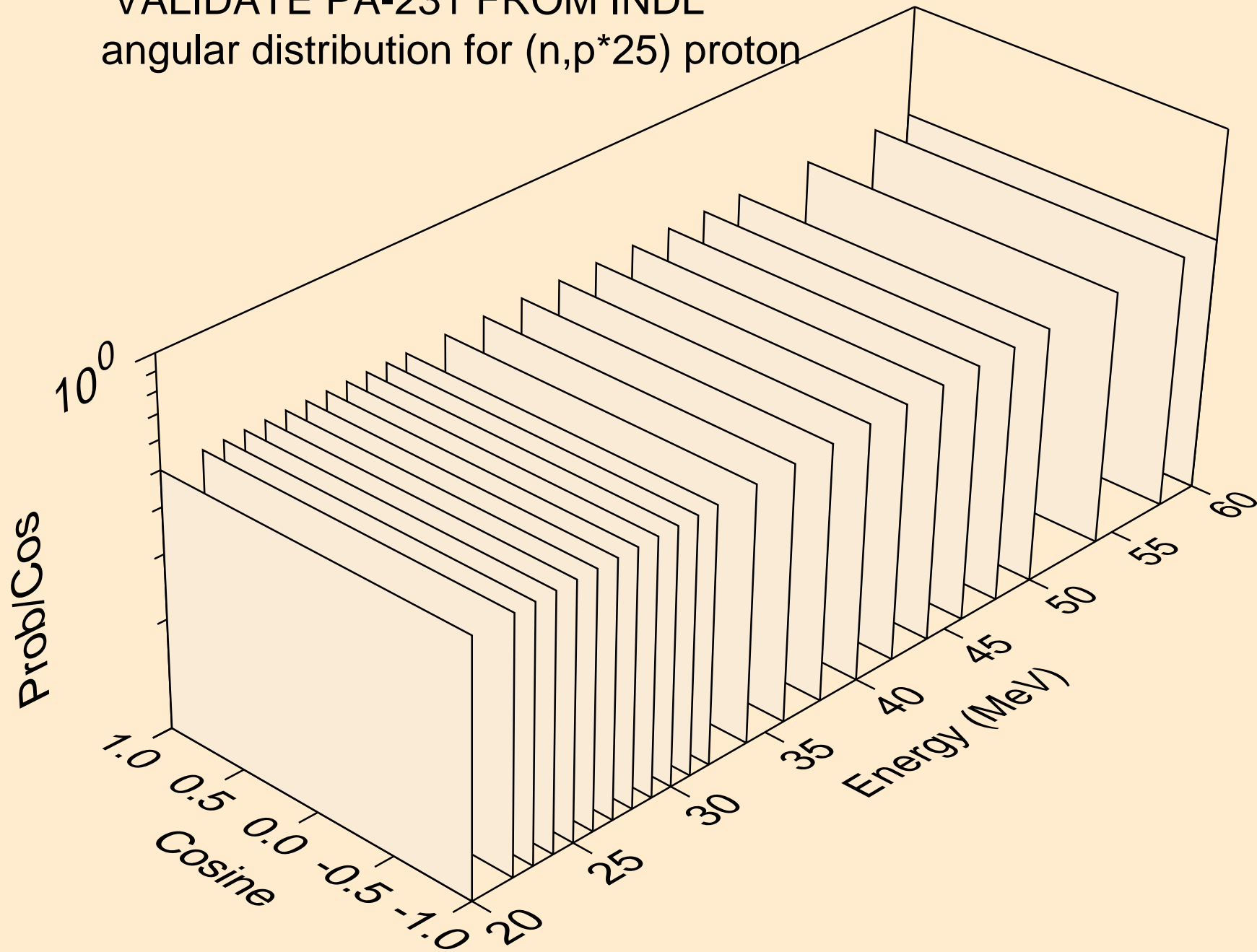
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*24) proton



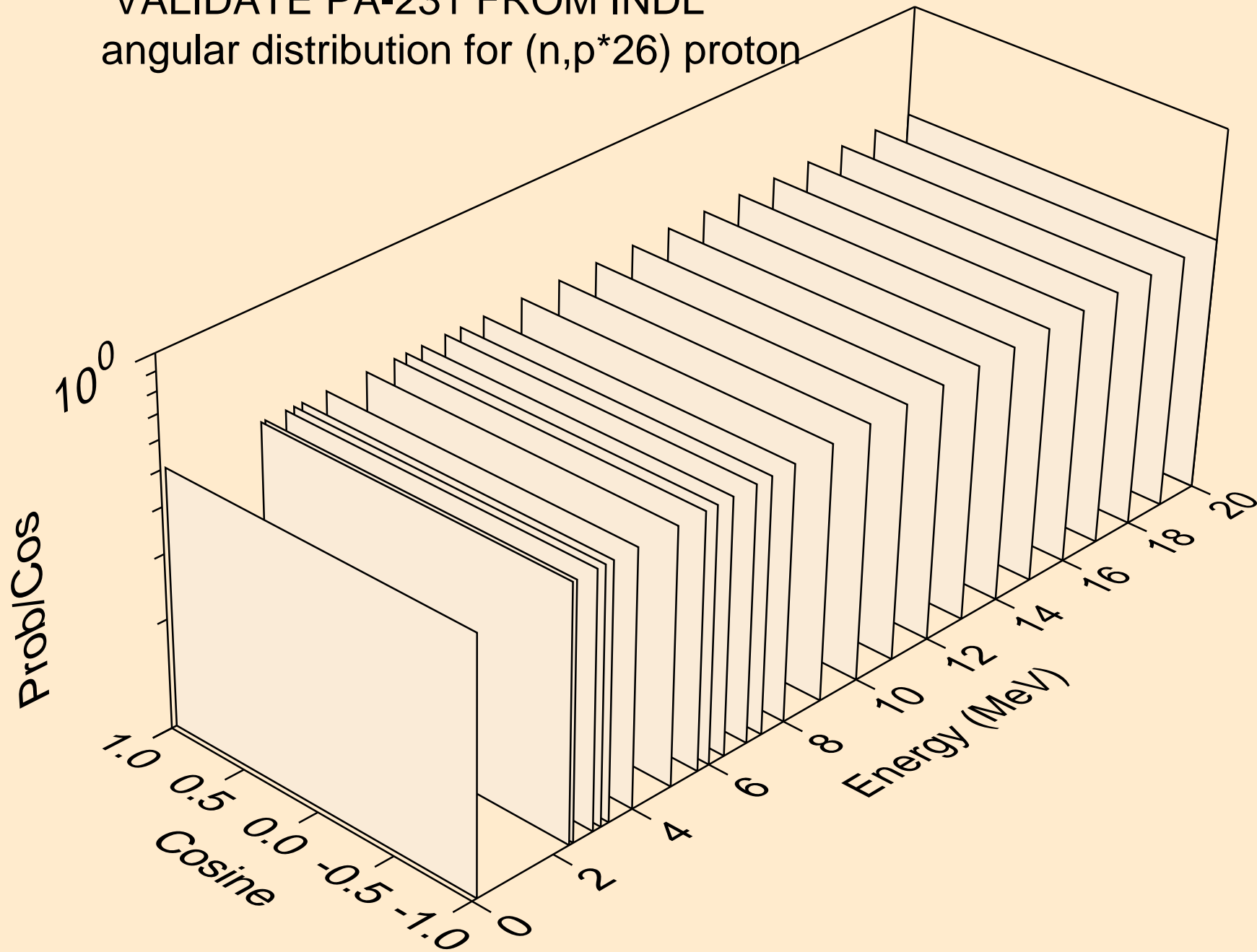
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*25) proton



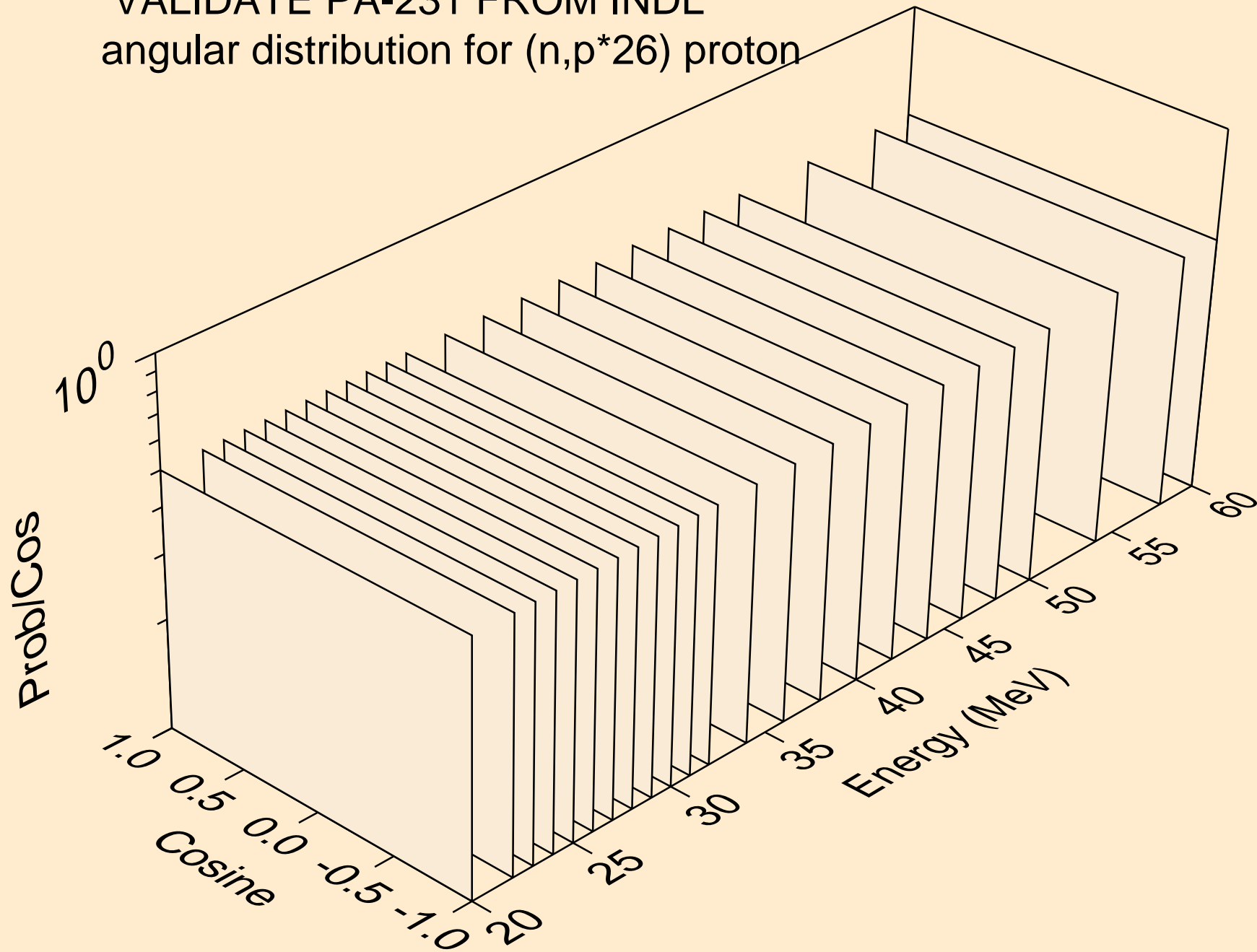
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*25) proton



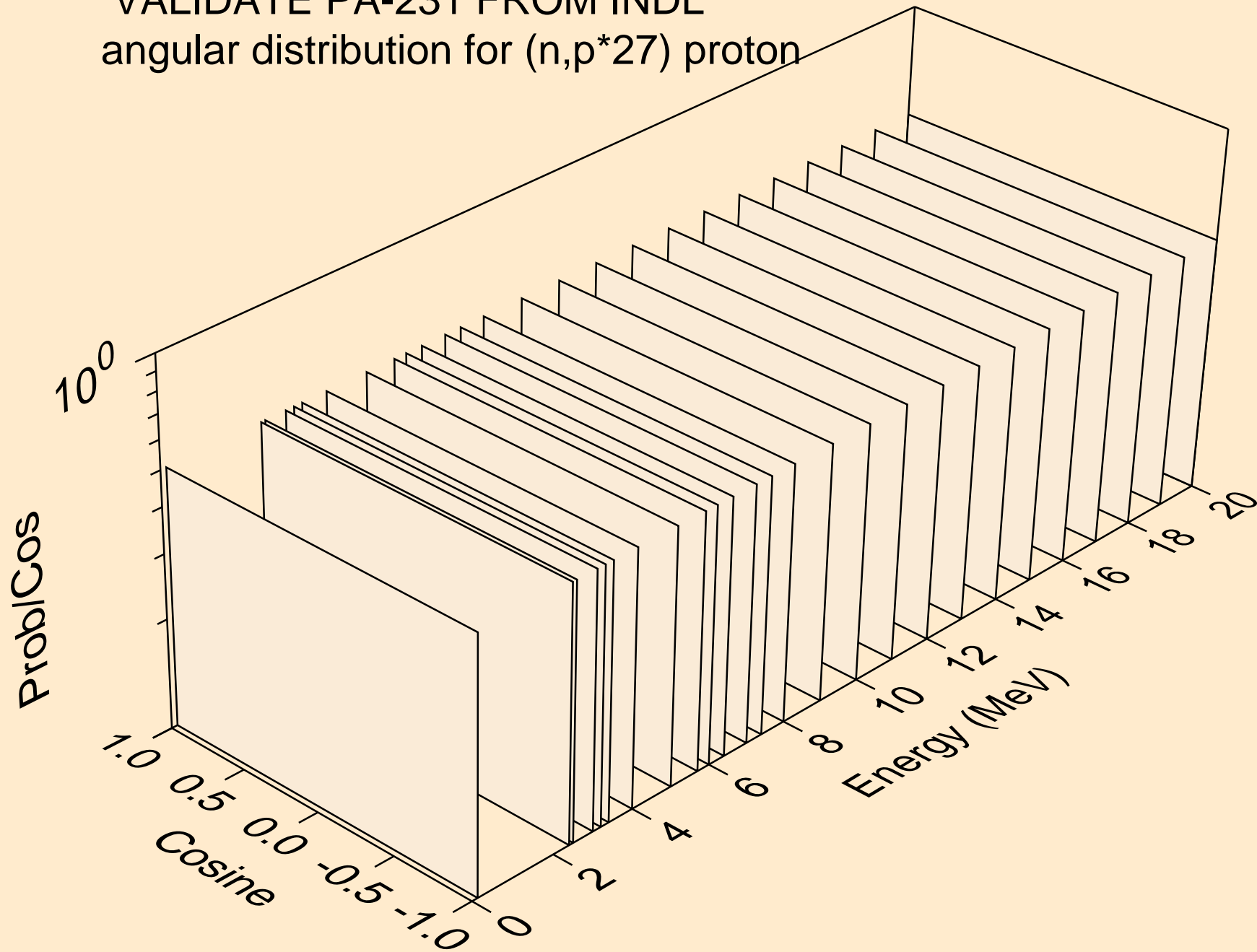
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*26) proton



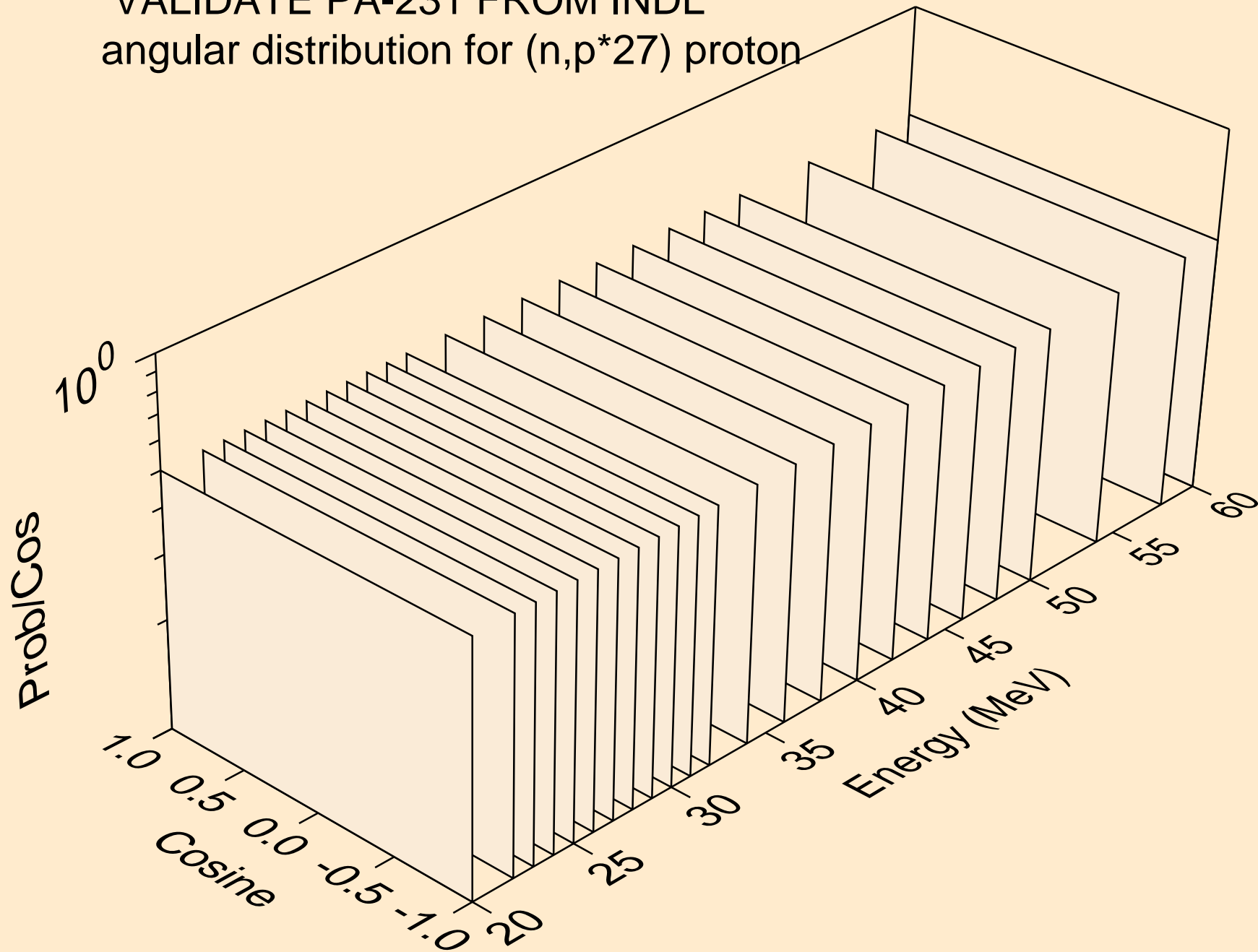
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*26) proton



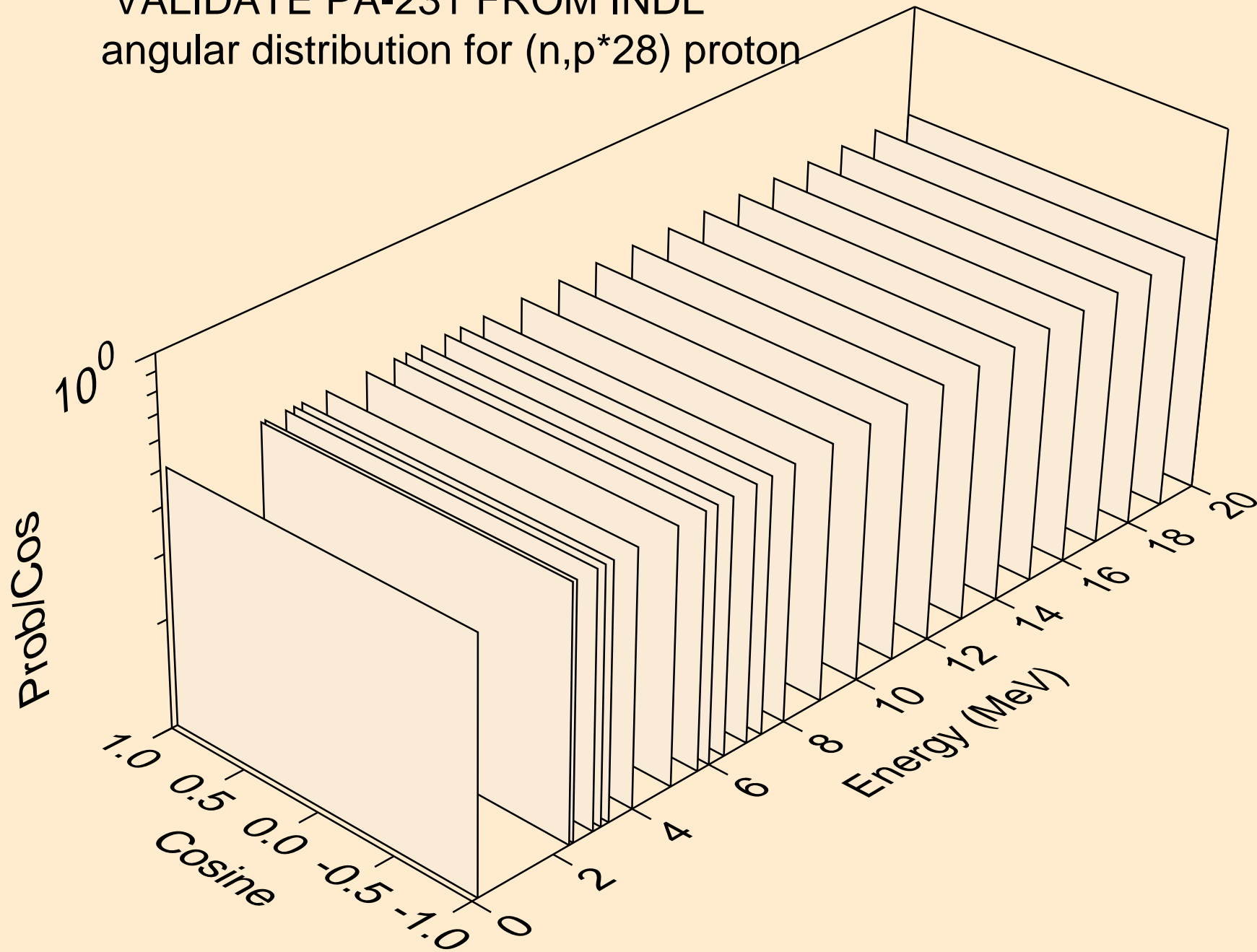
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*27) proton



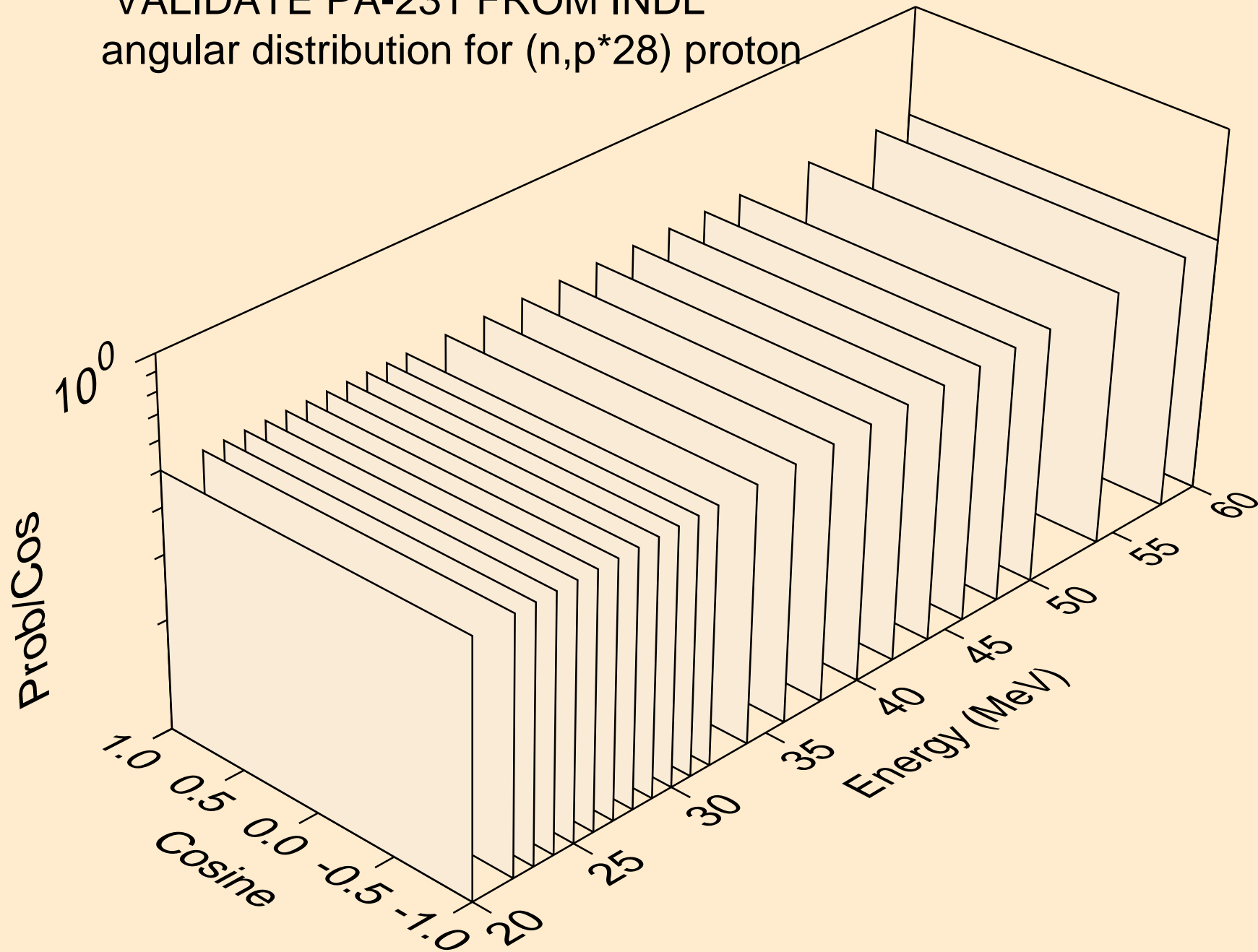
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*27) proton



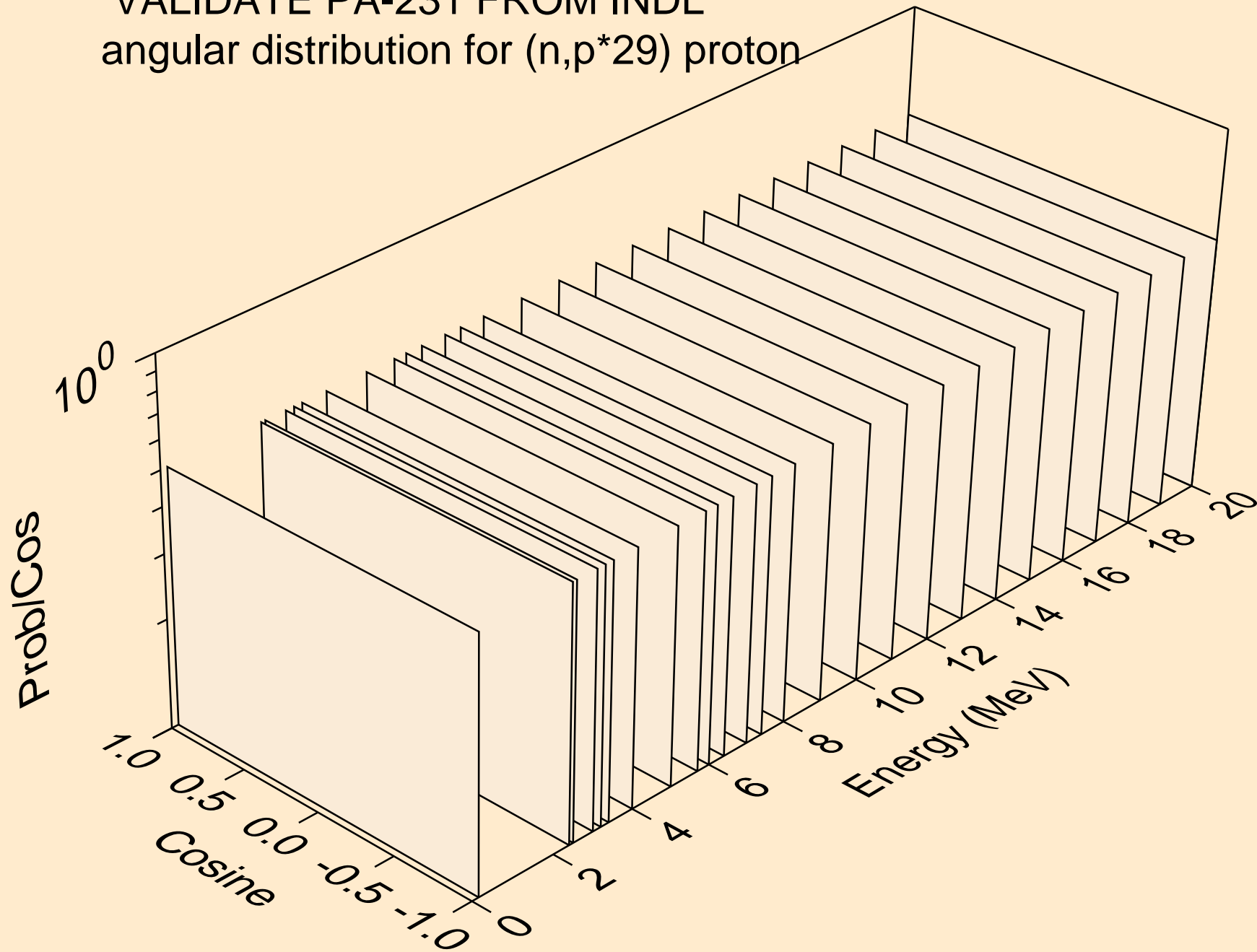
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*28) proton



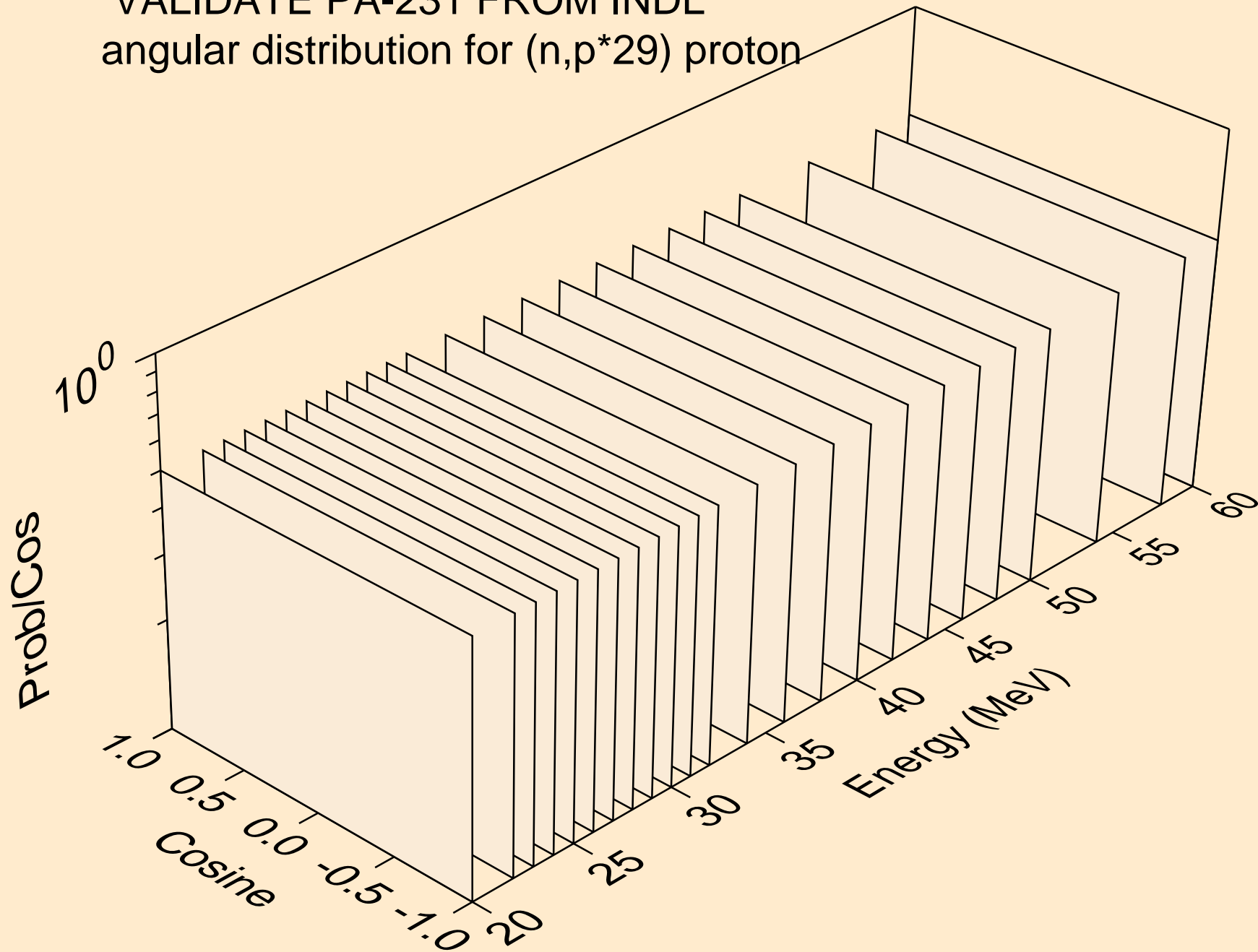
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*28) proton



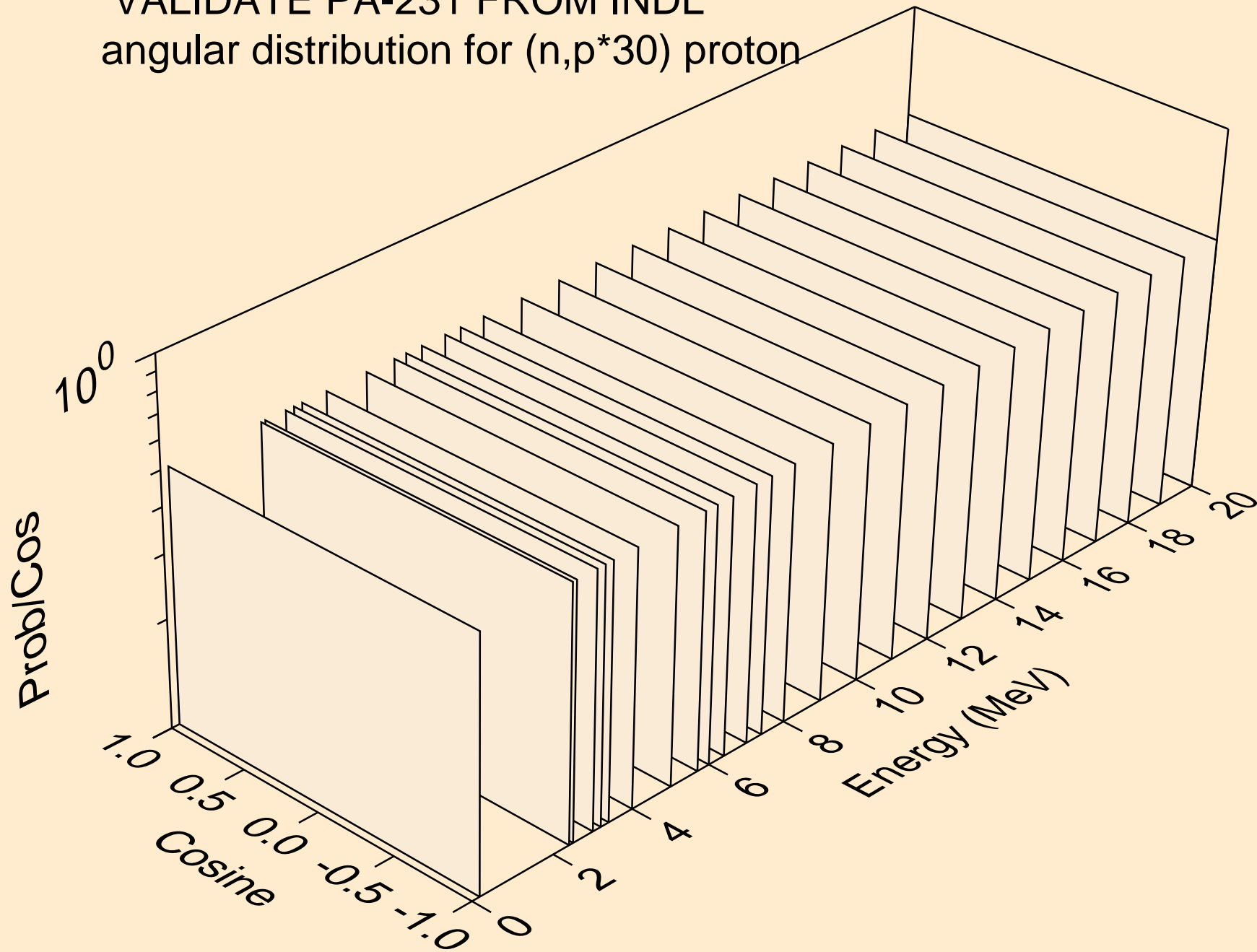
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*29) proton



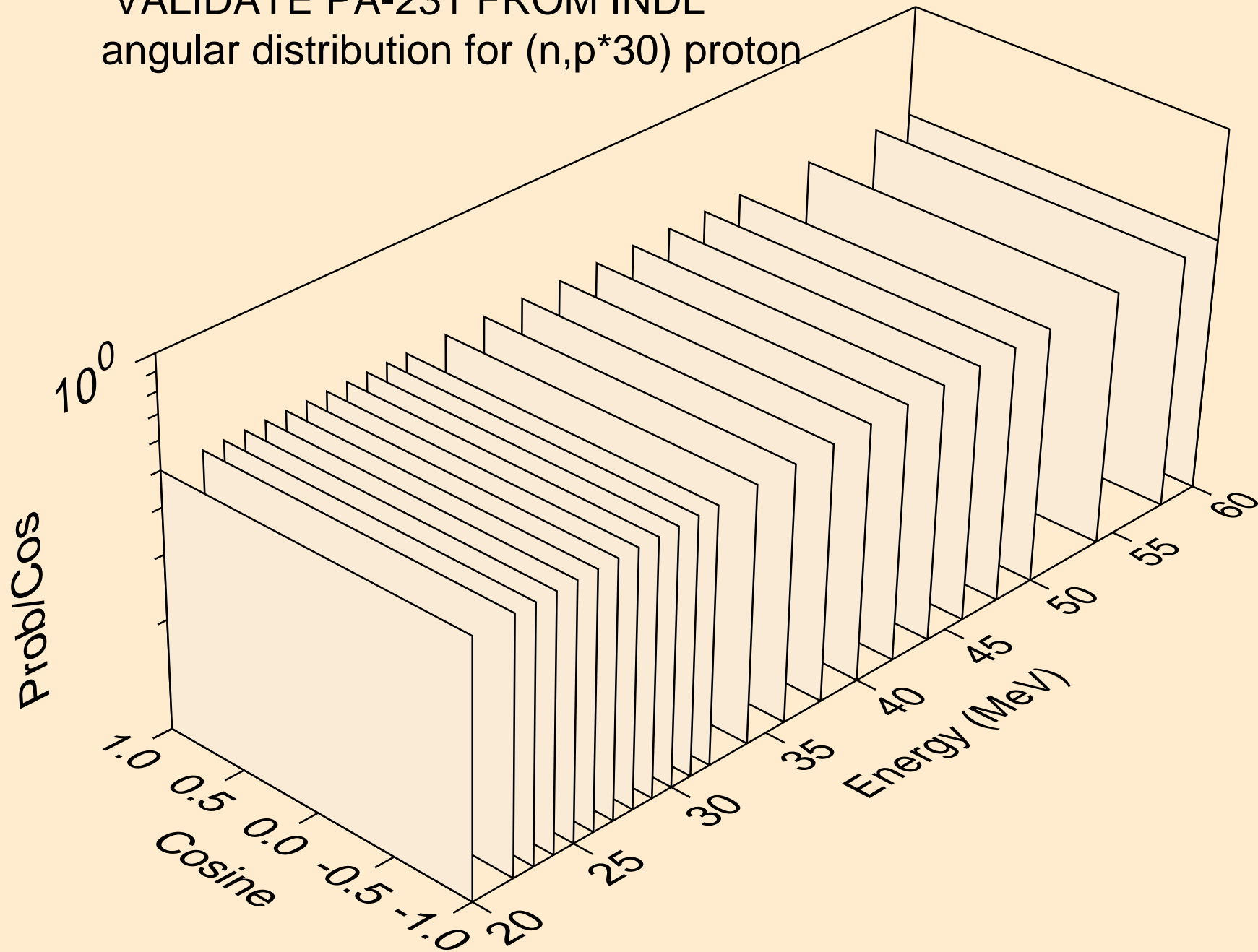
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*29) proton



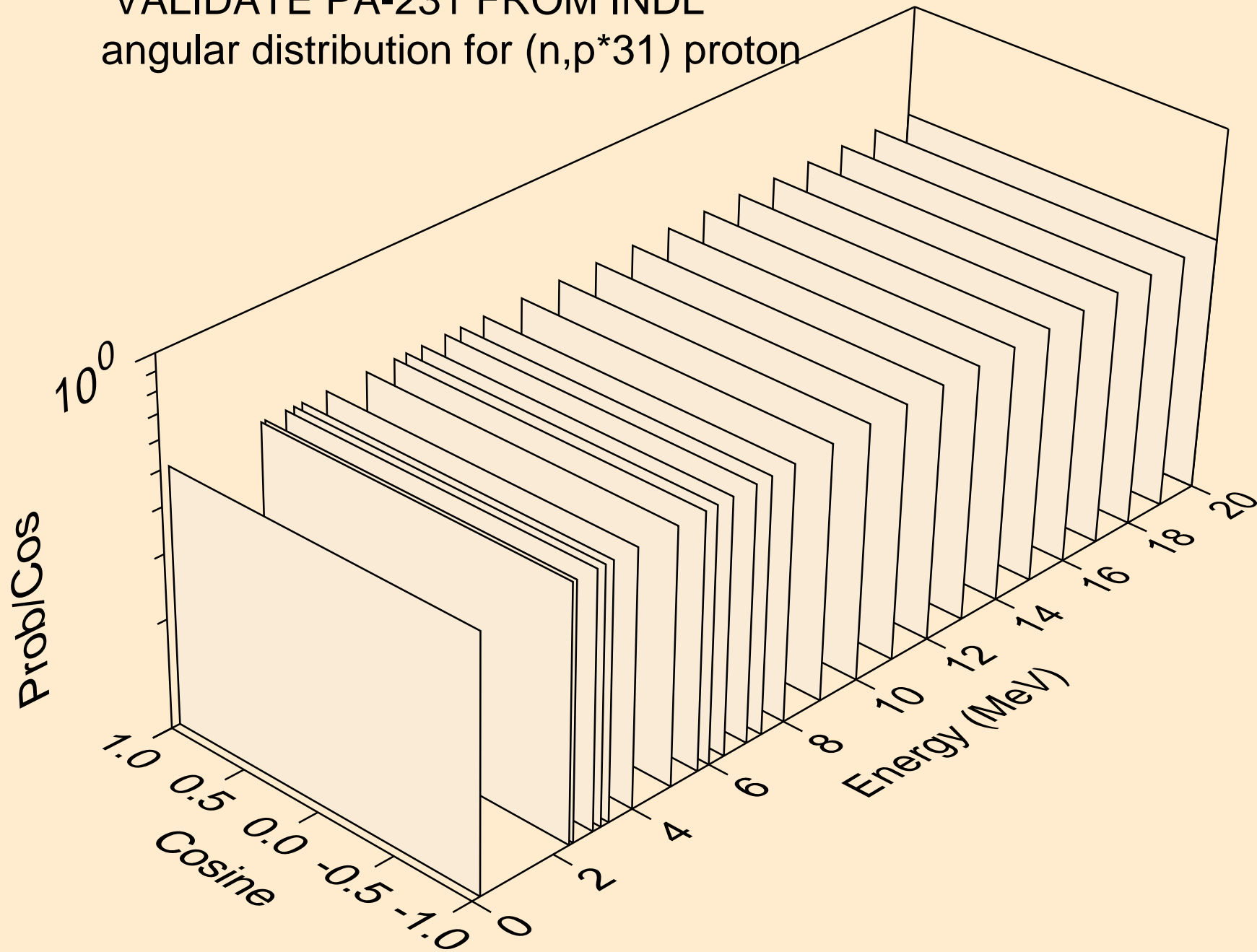
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*30) proton



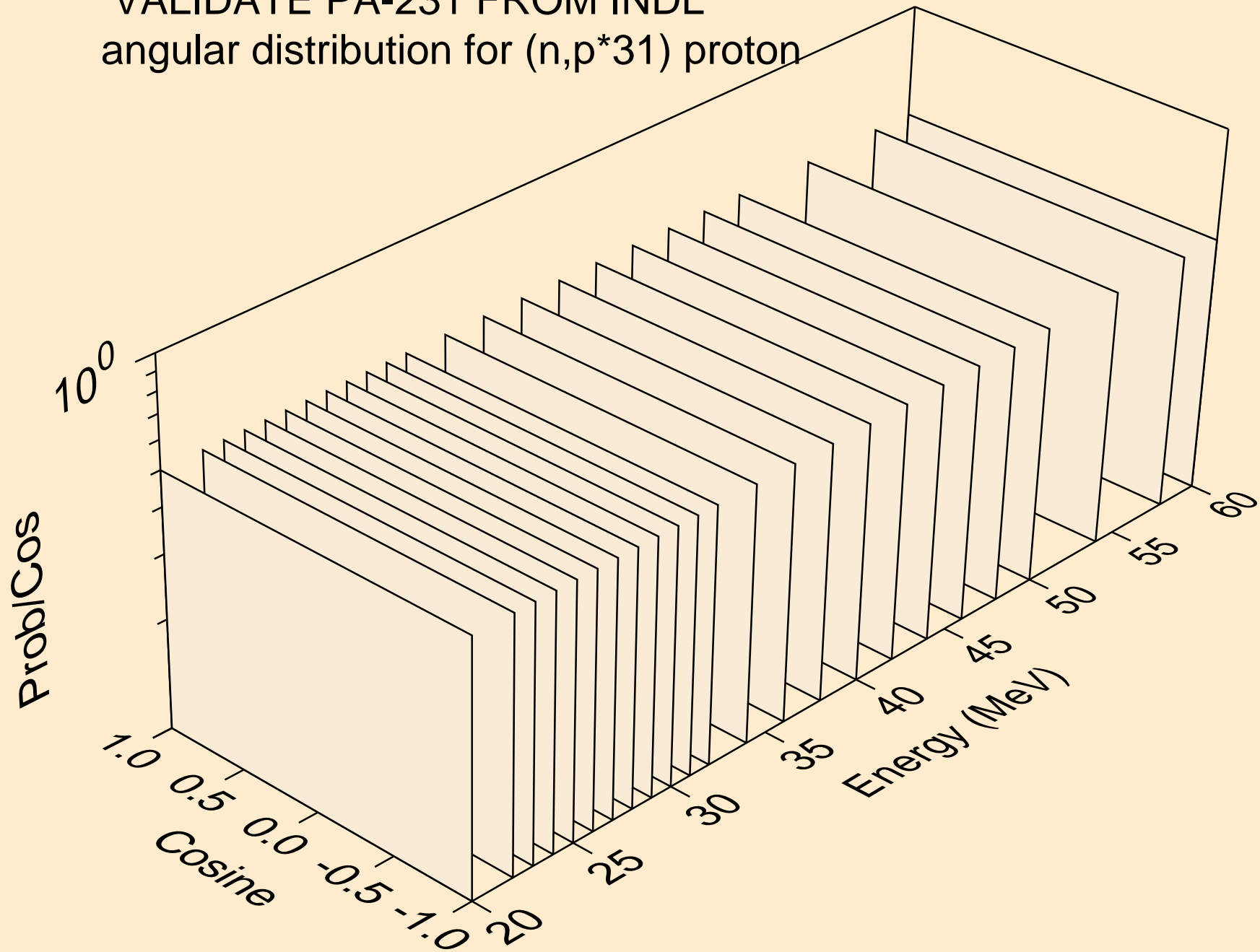
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*30) proton



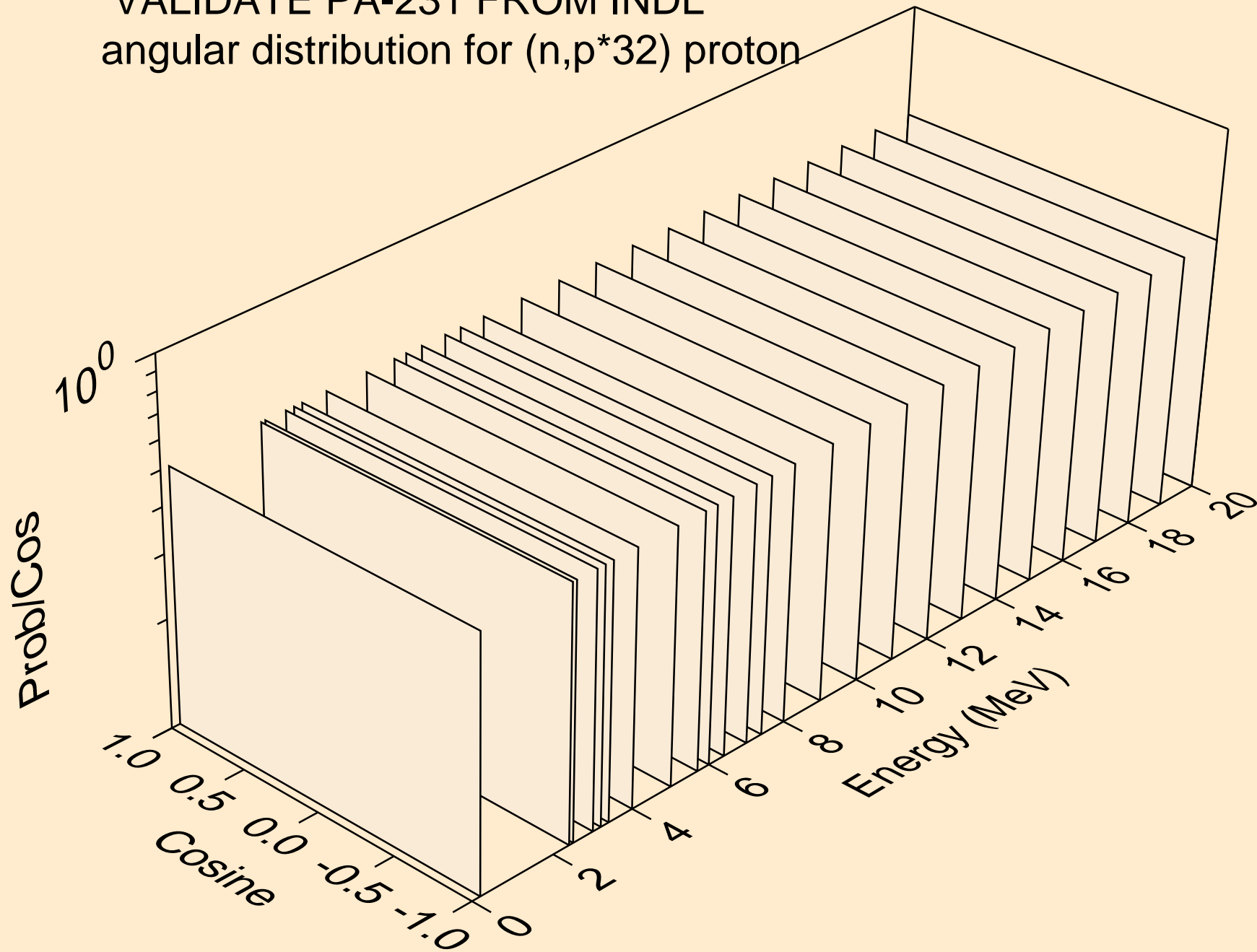
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*31) proton



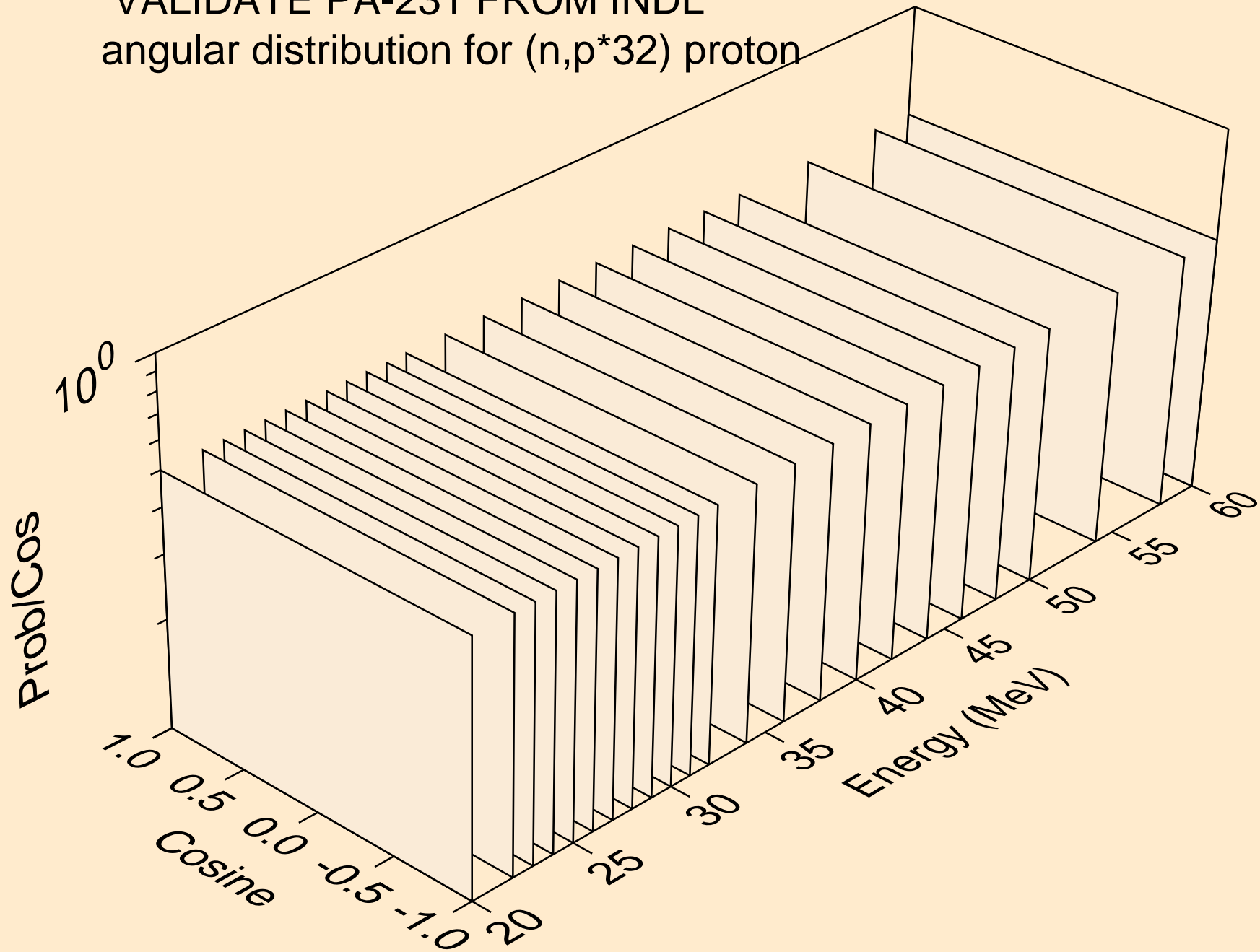
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*31) proton



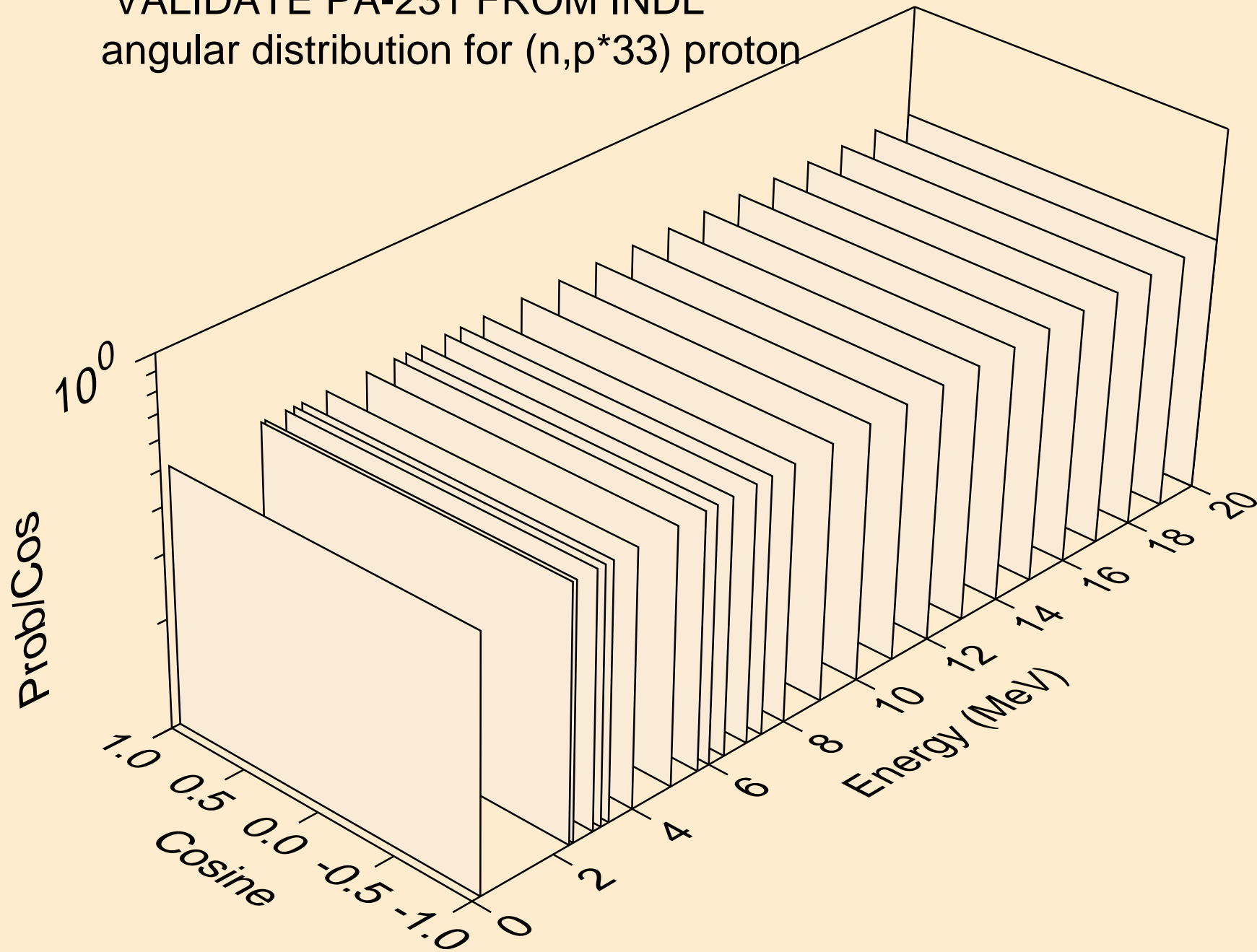
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*32) proton



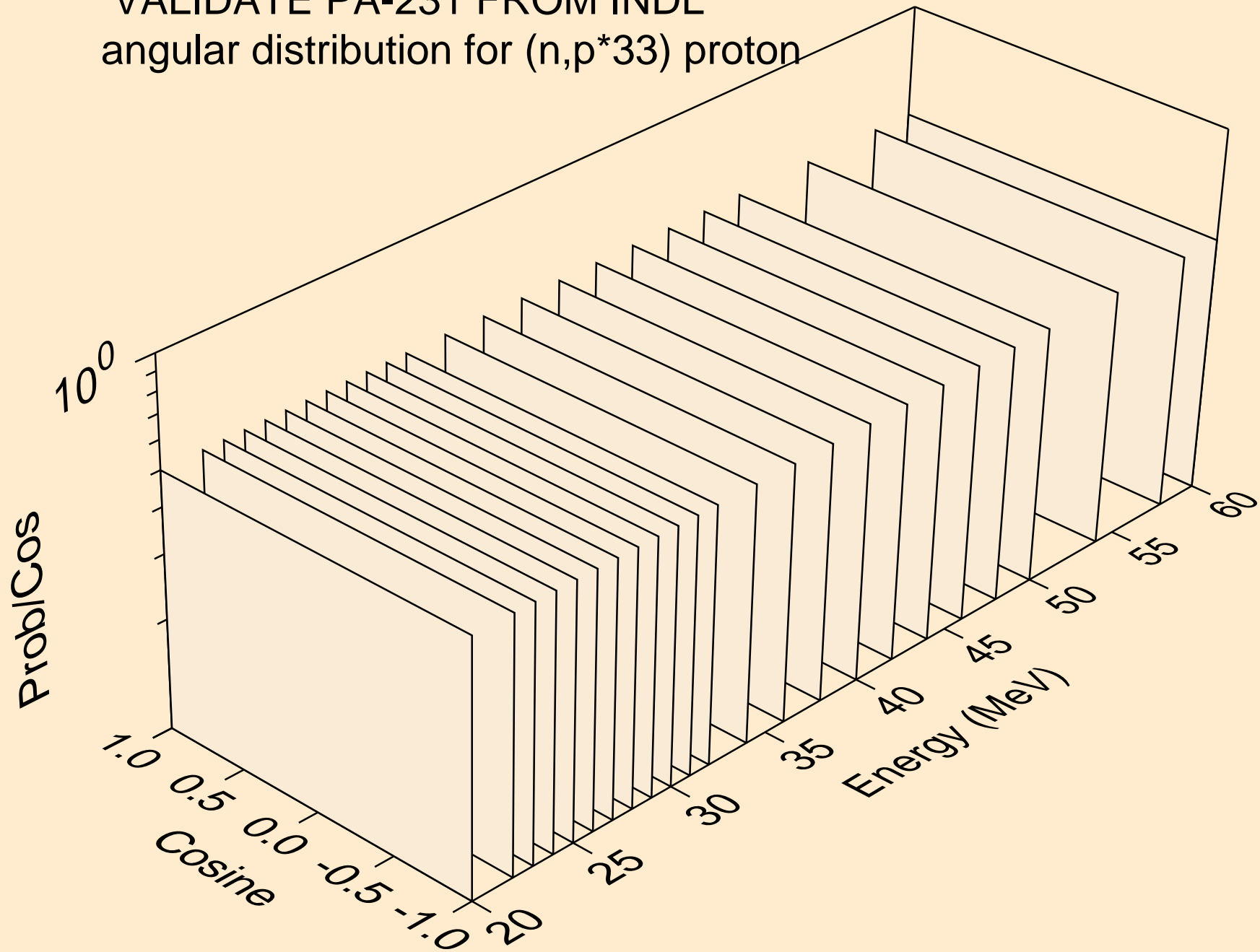
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*32) proton



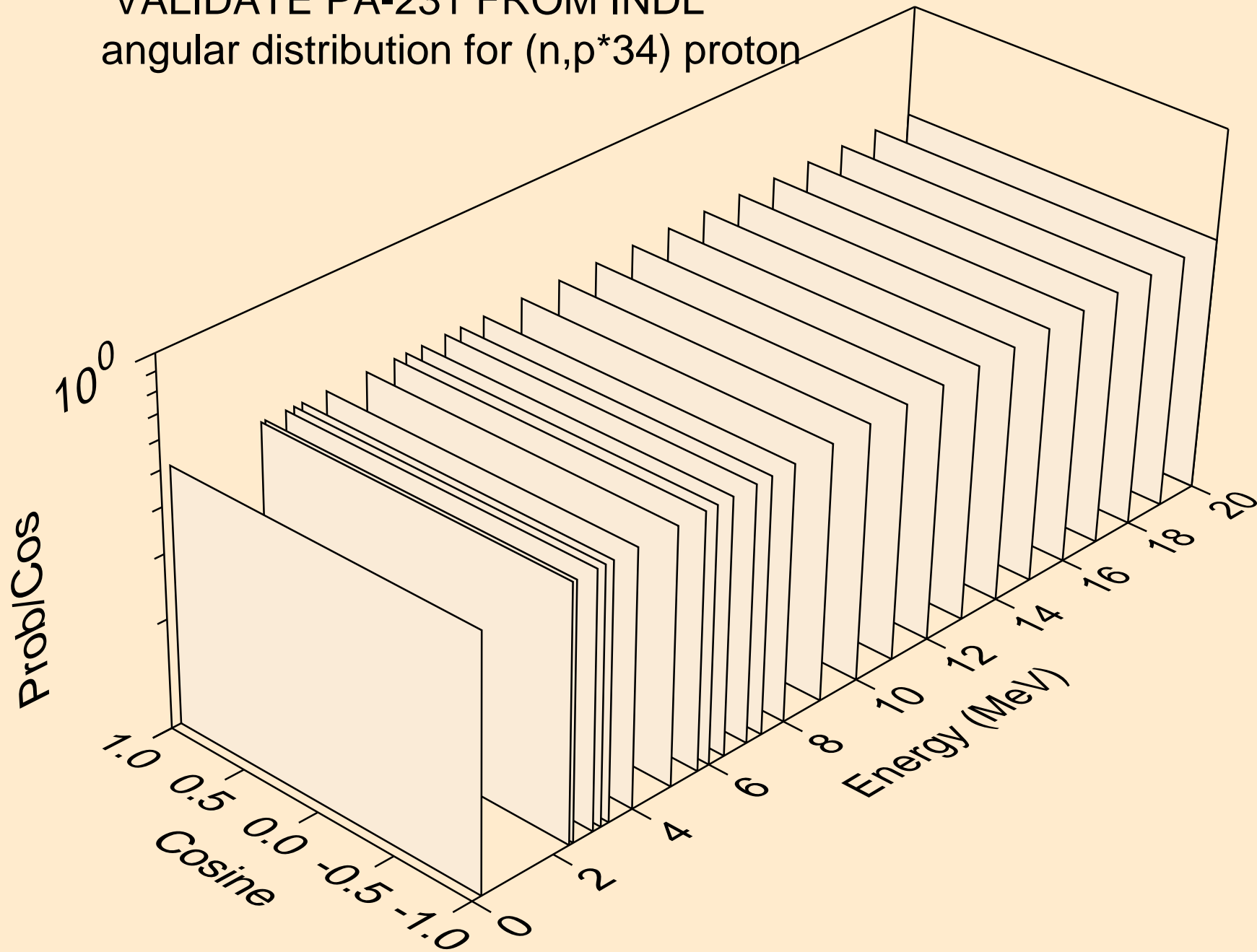
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*33) proton



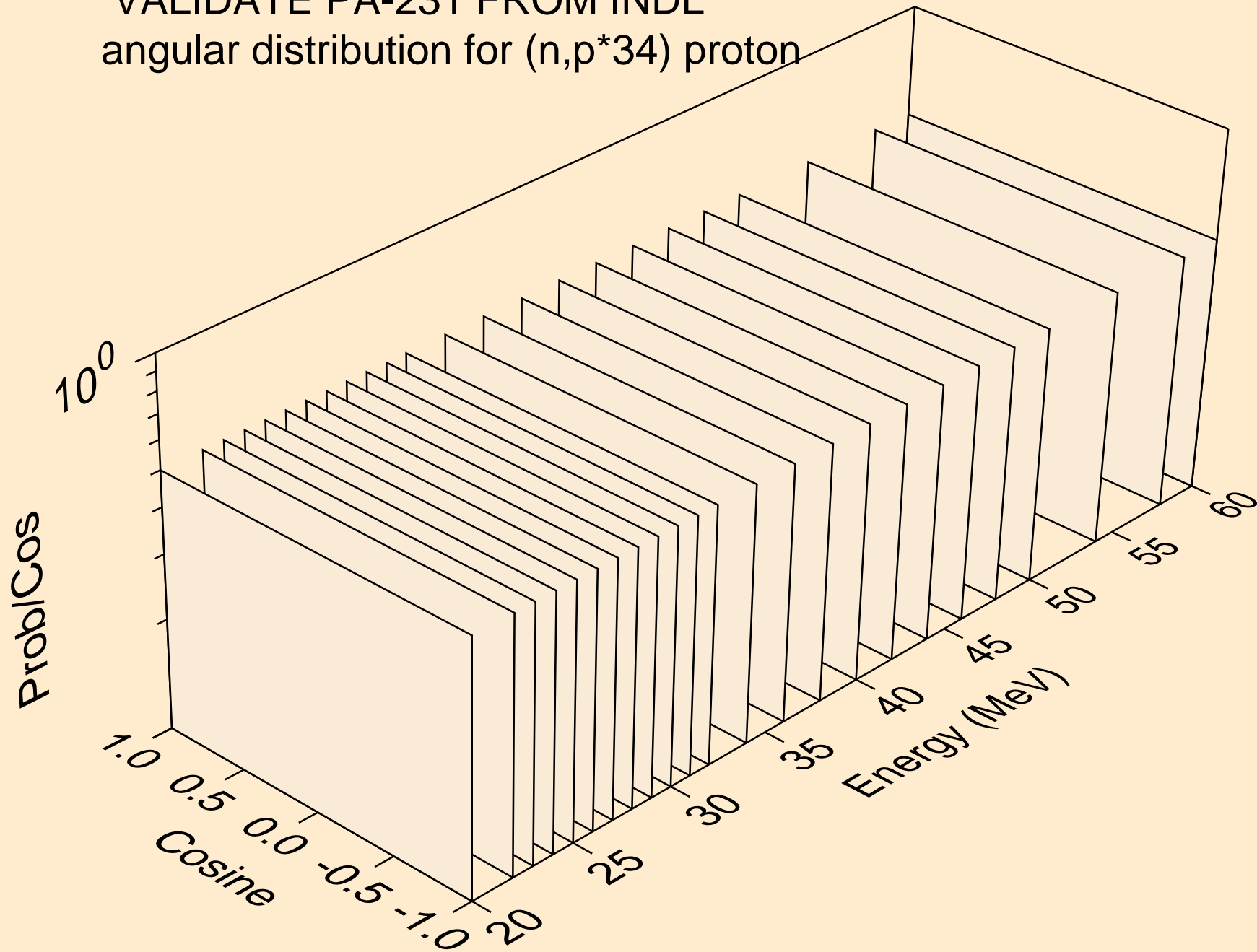
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*33) proton



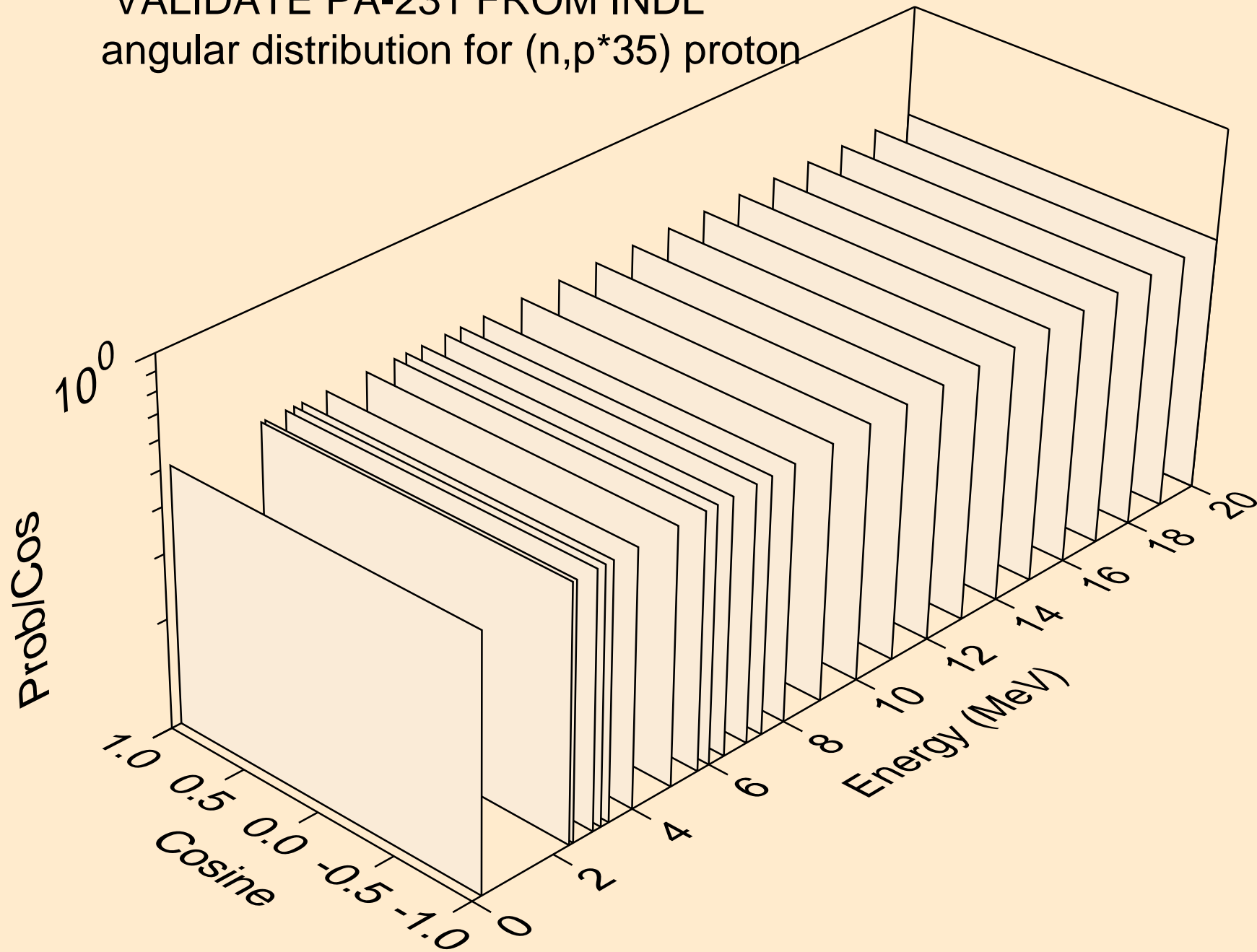
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*34) proton



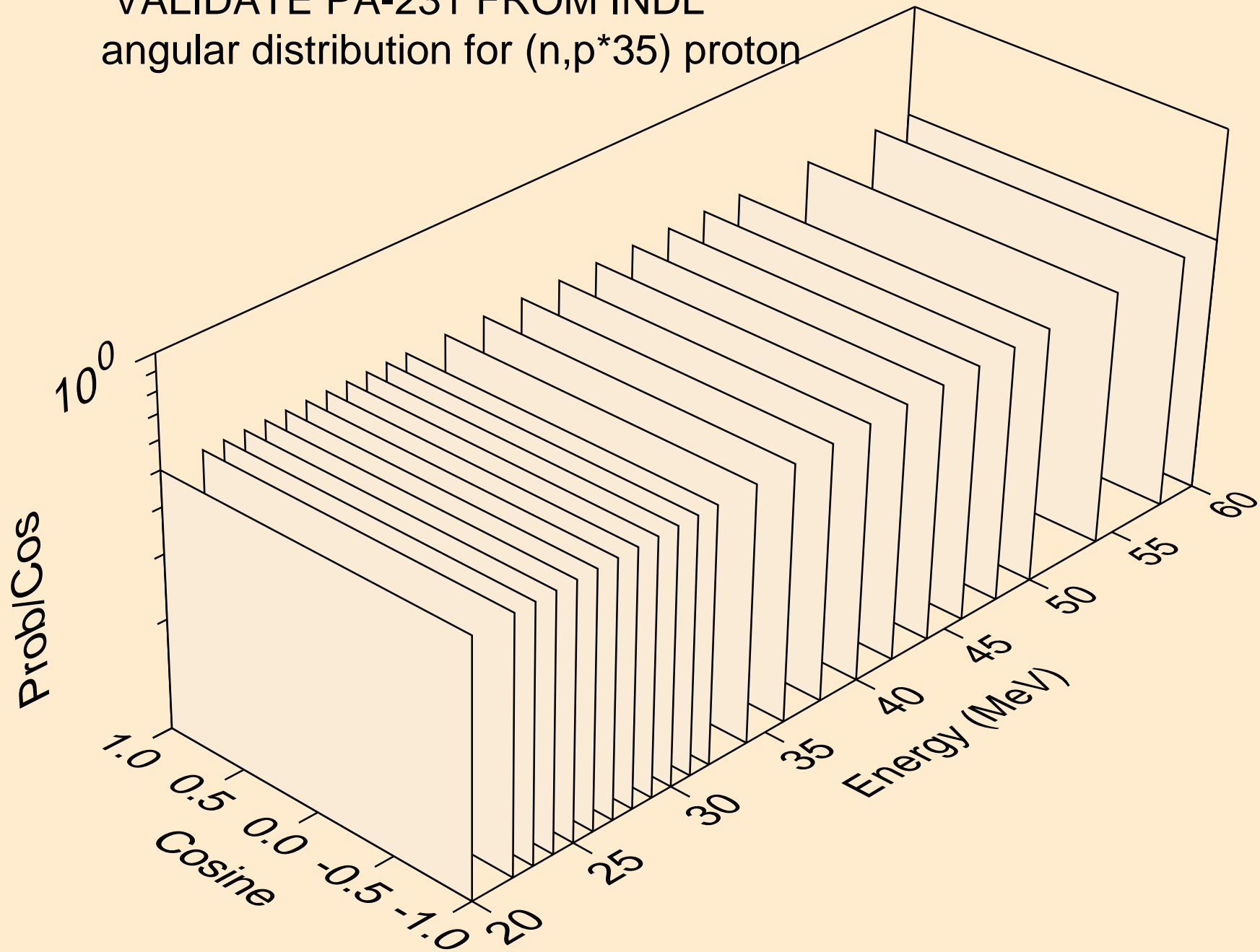
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*34) proton



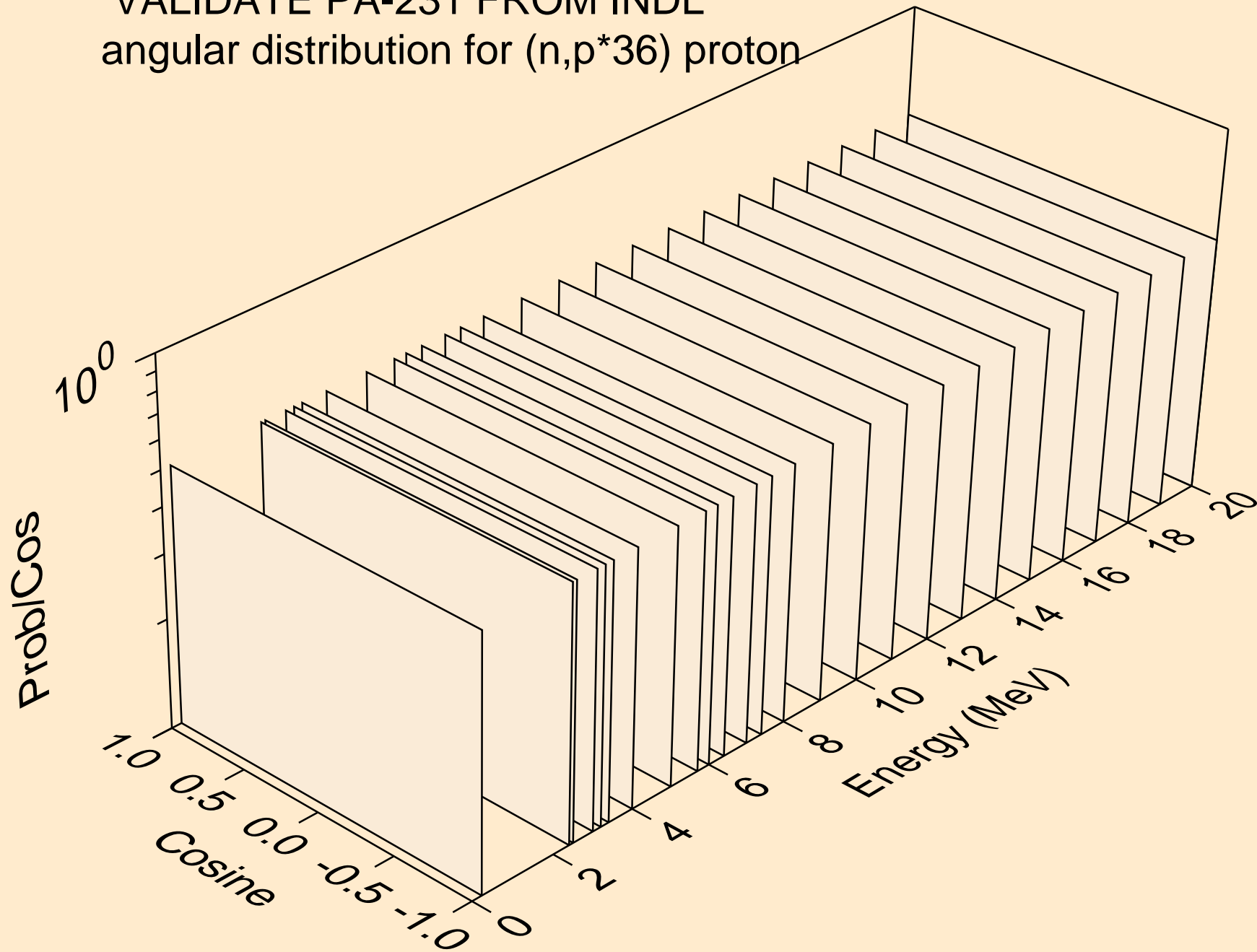
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*35) proton



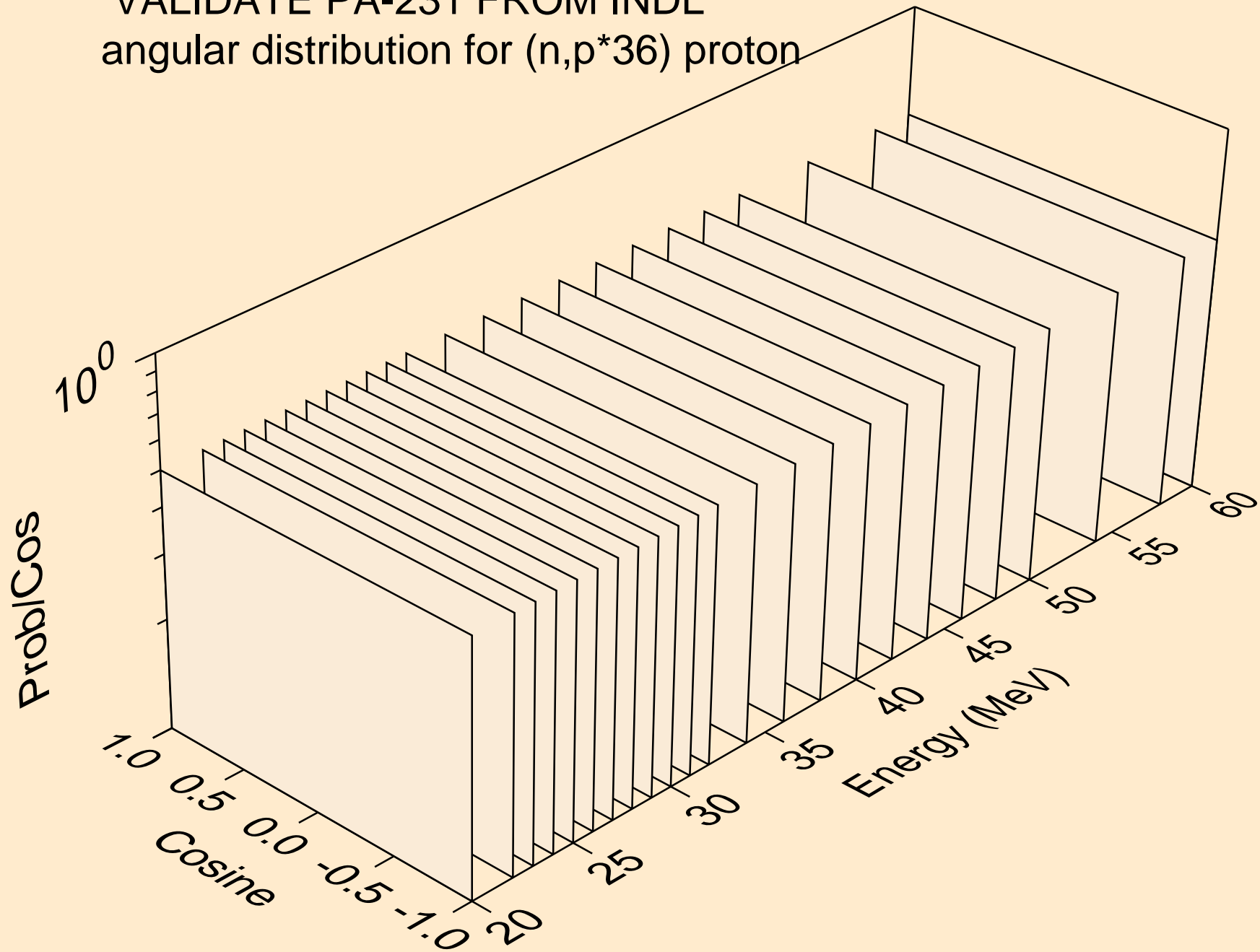
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*35) proton



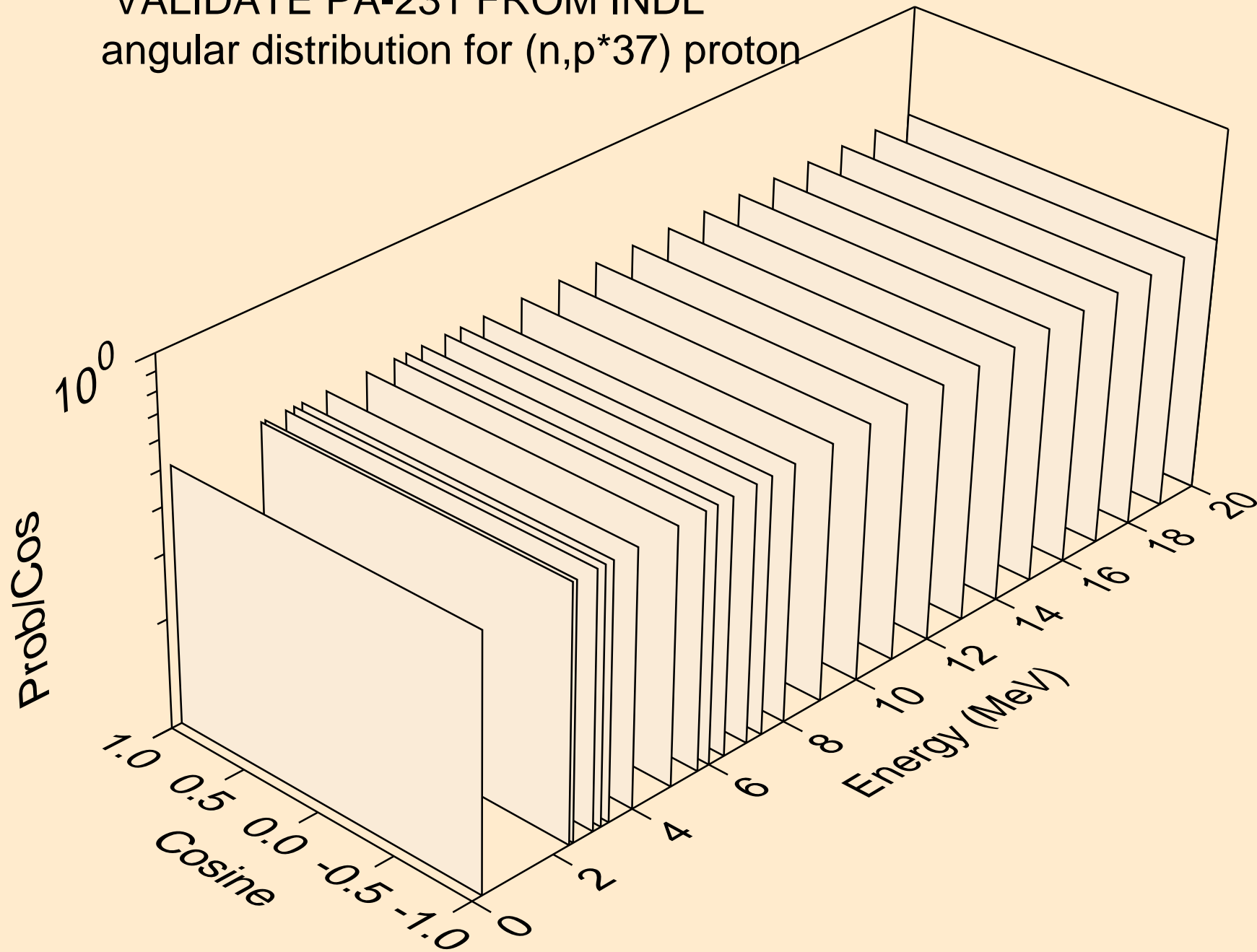
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*36) proton



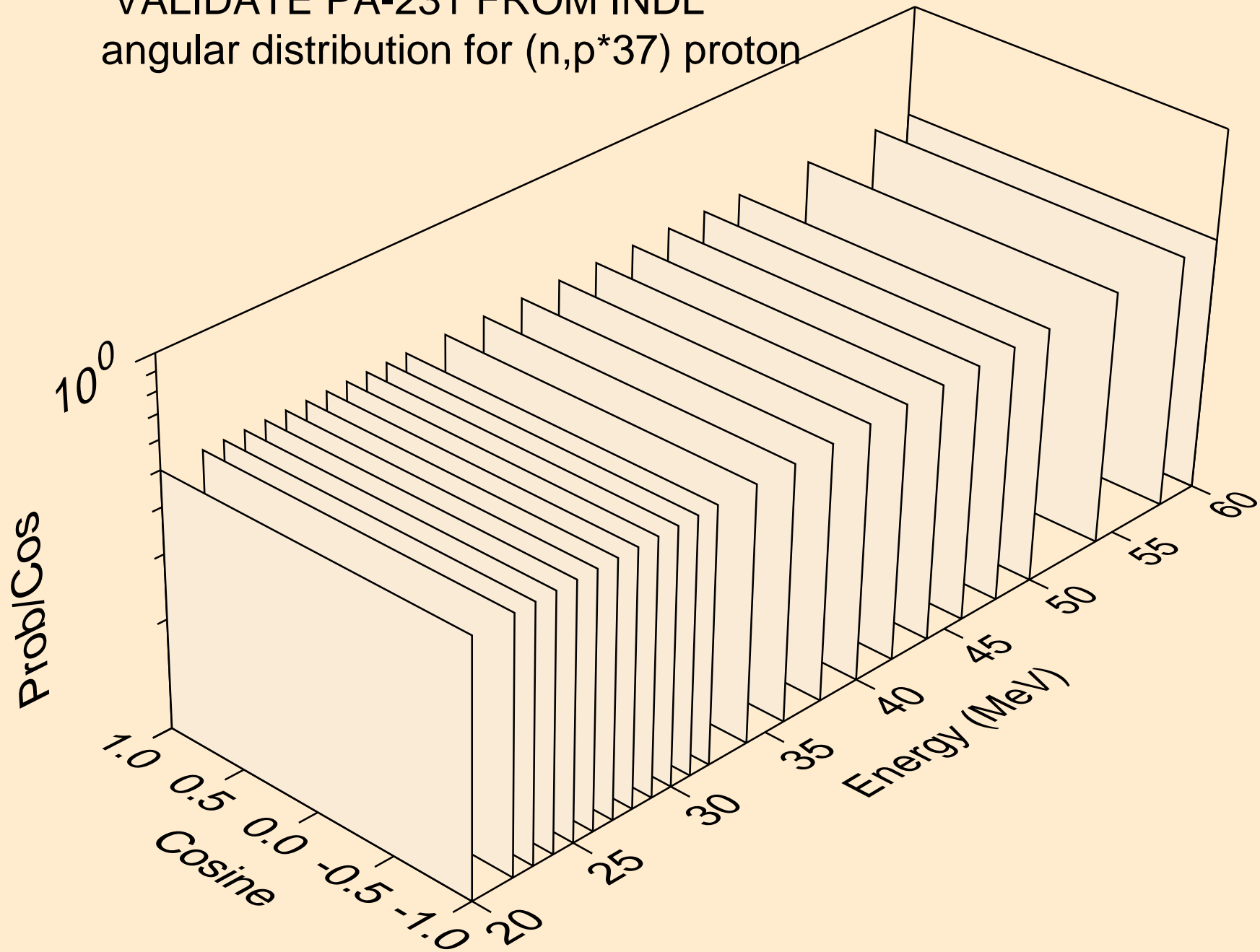
VALIDATE PA-231 FROM INDL
angular distribution for (n,p*36) proton



VALIDATE PA-231 FROM INDL
angular distribution for (n,p*37) proton



VALIDATE PA-231 FROM INDL
angular distribution for (n,p*37) proton



VALIDATE PA-231 FROM INDL
protons from (n,p*c)

