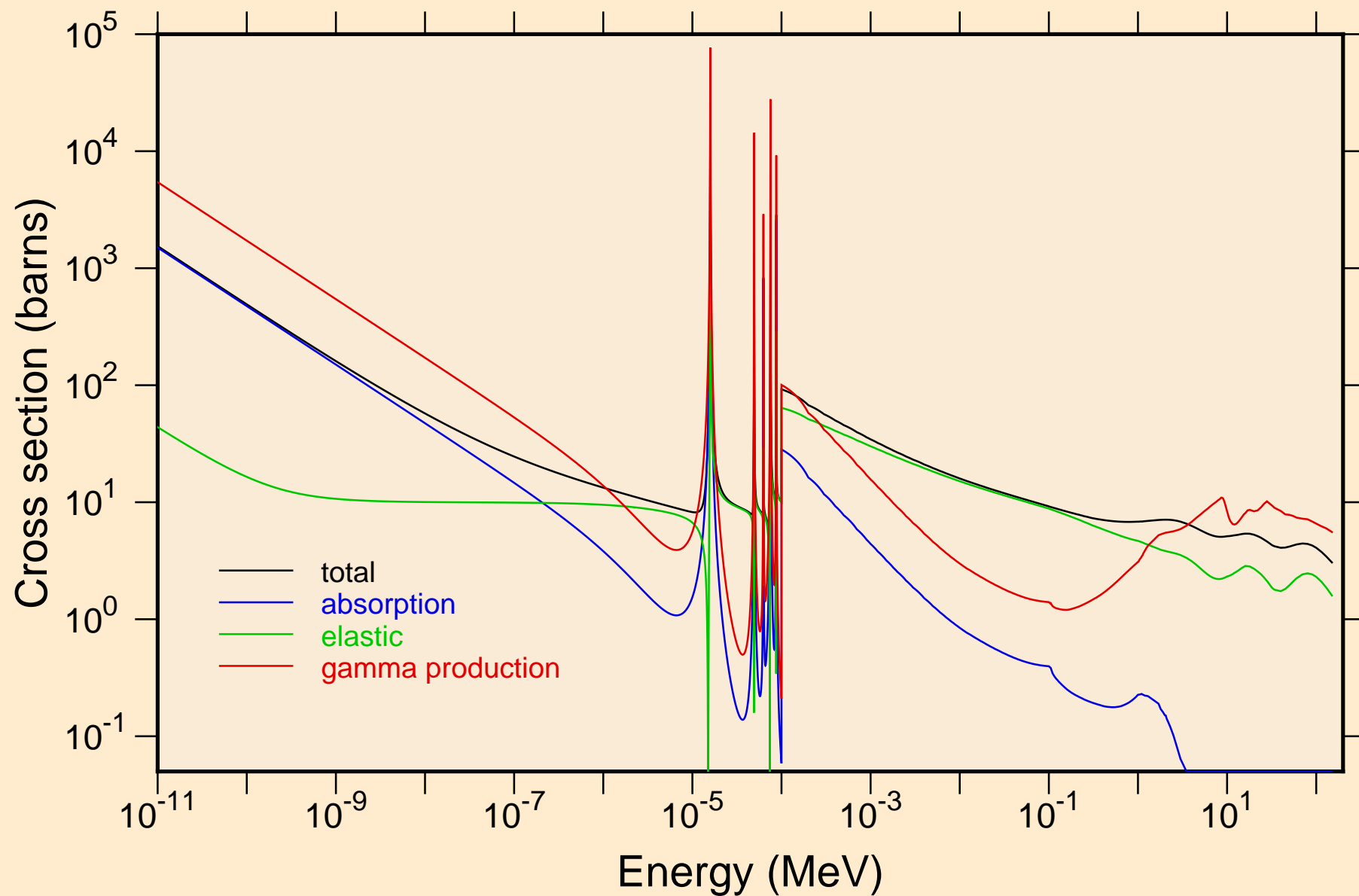
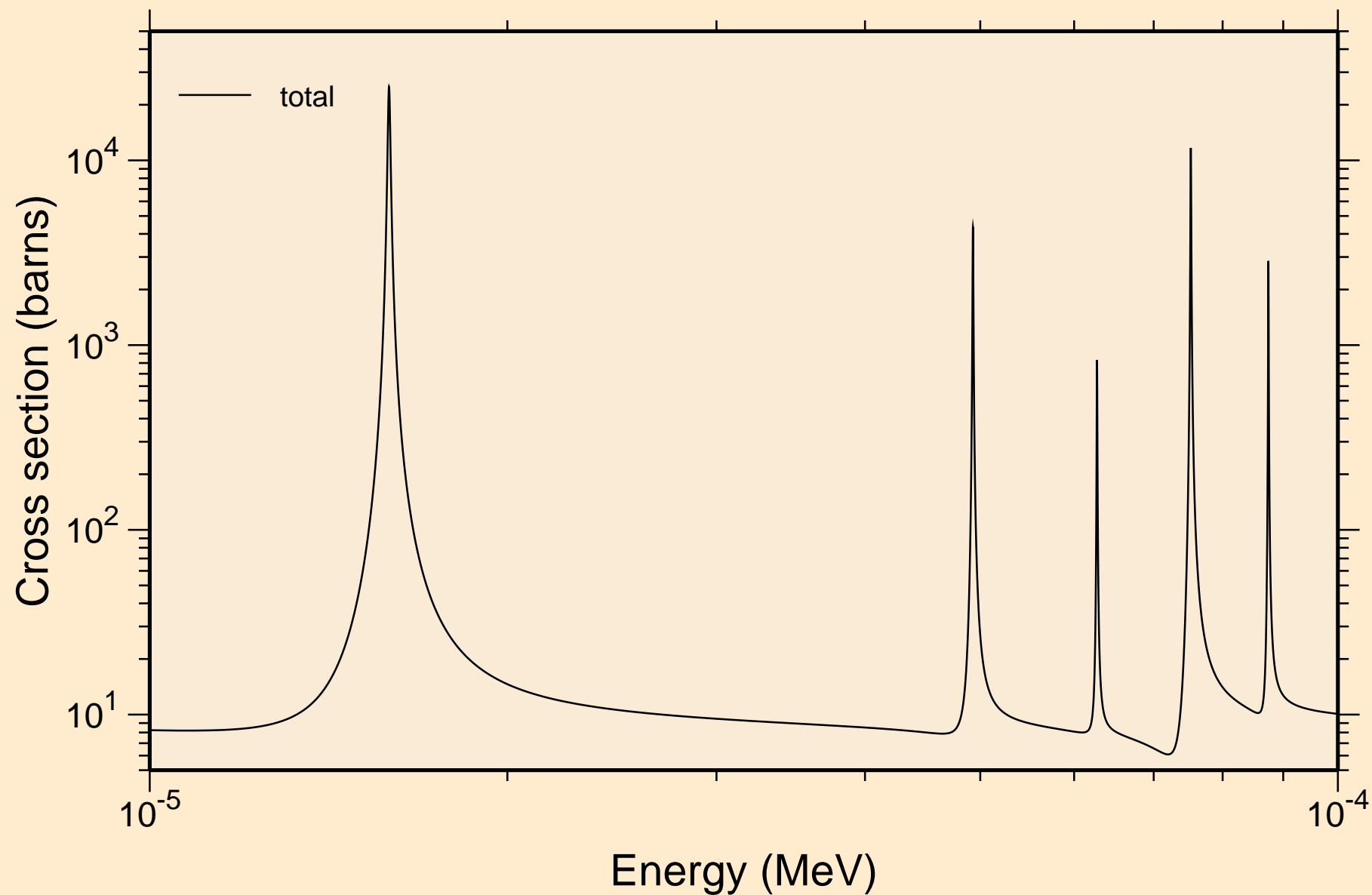


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 200

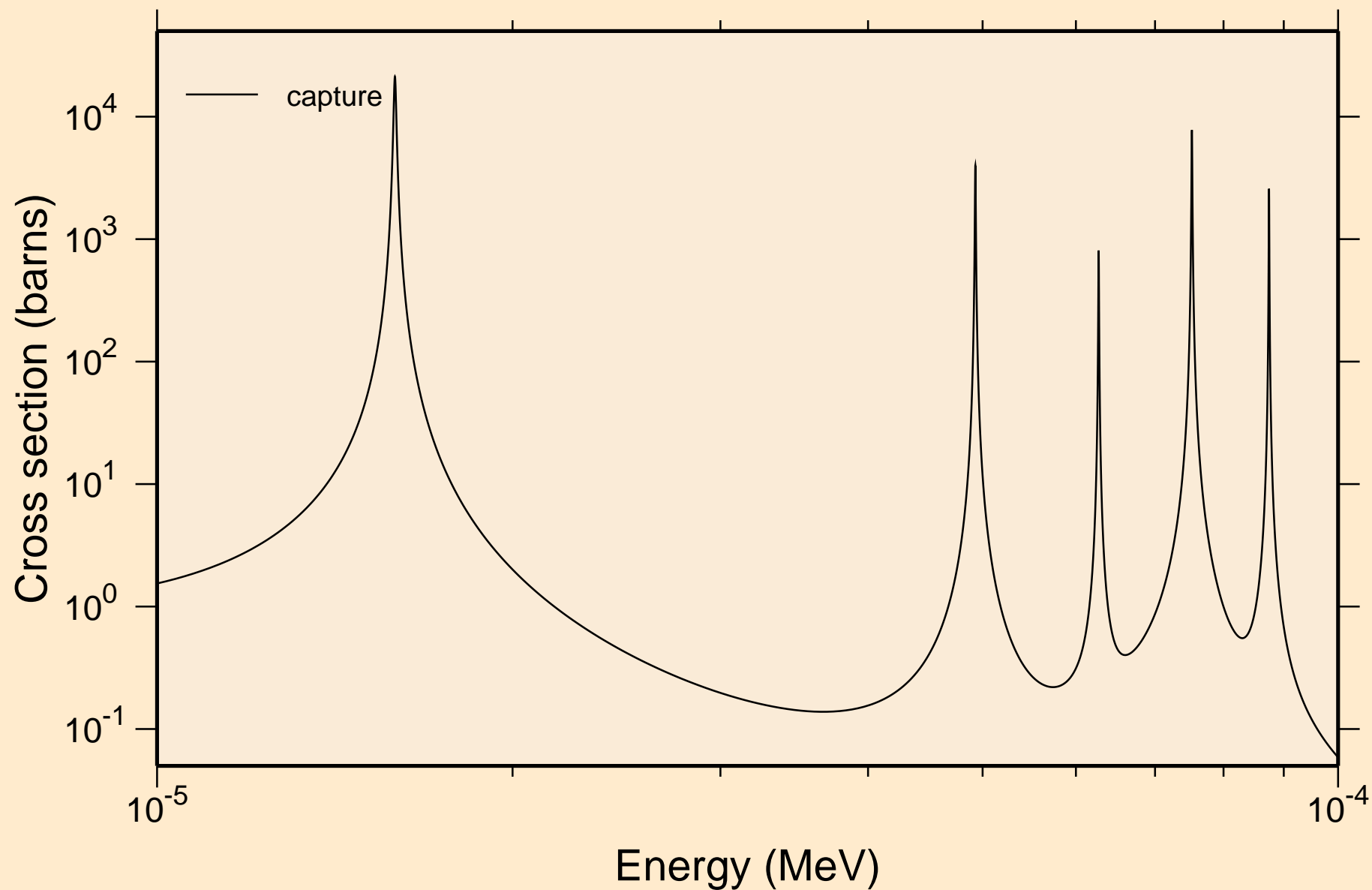
## Principal cross sections



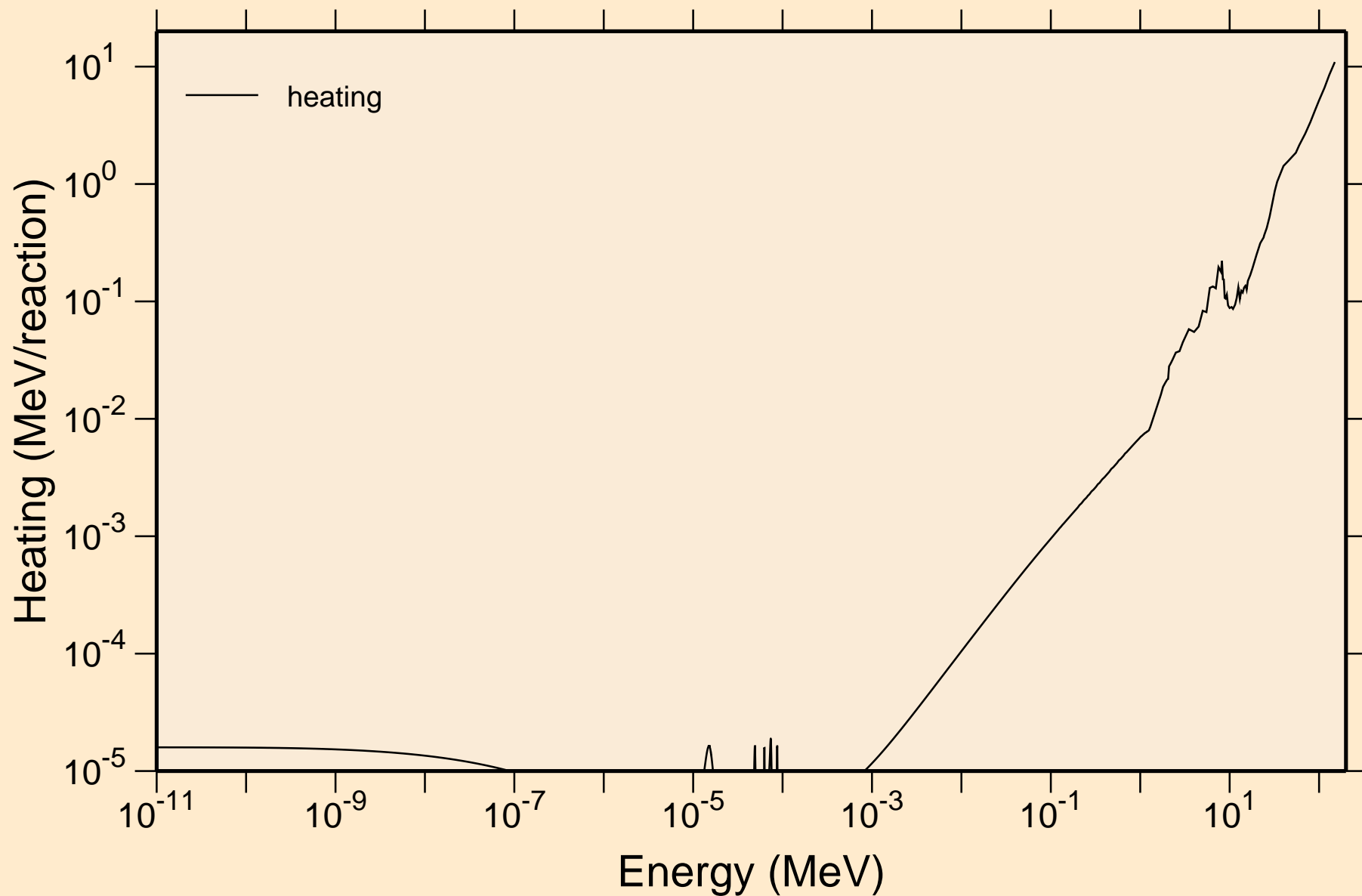
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2006  
resonance total cross section



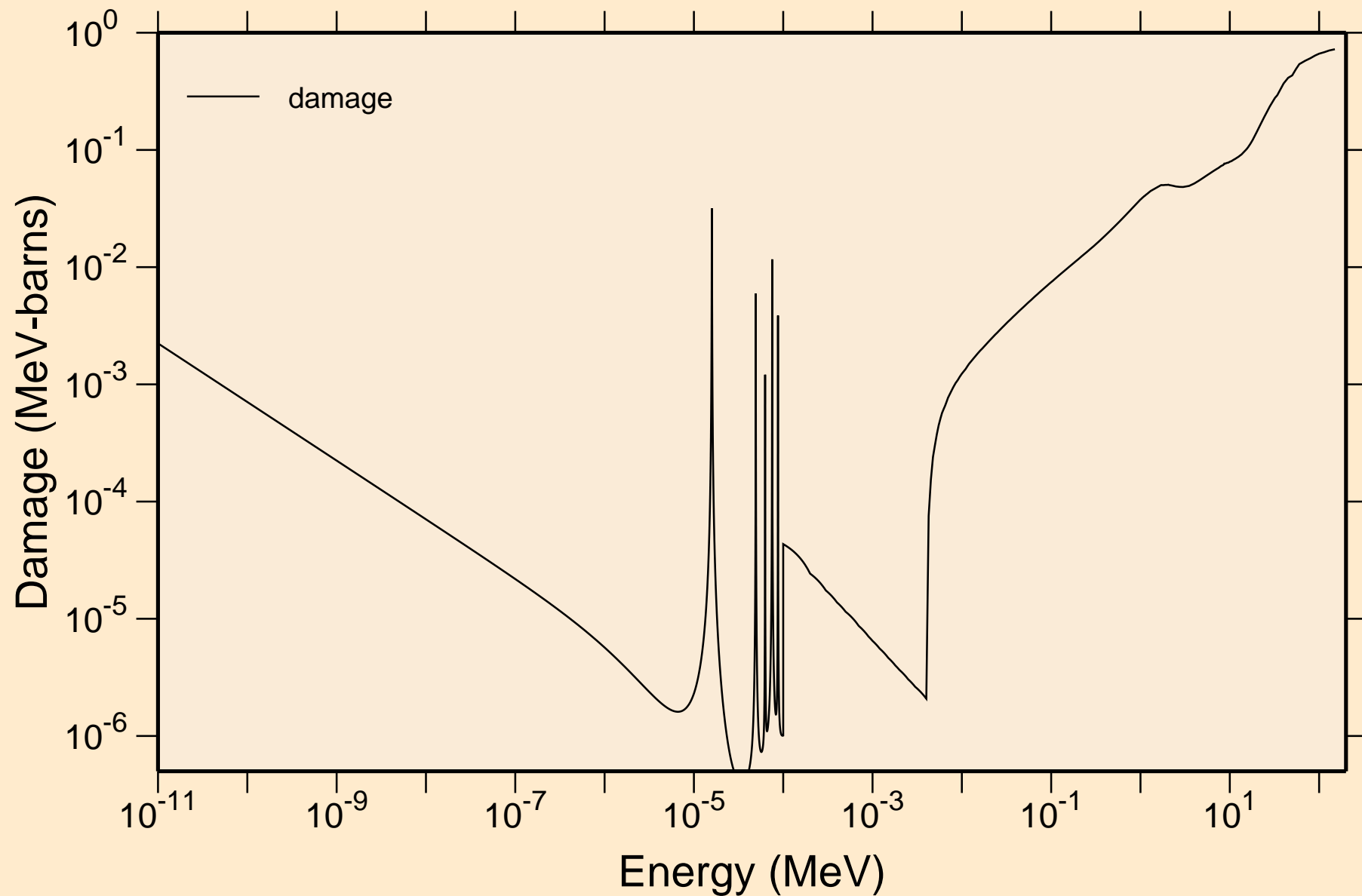
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
resonance absorption cross sections



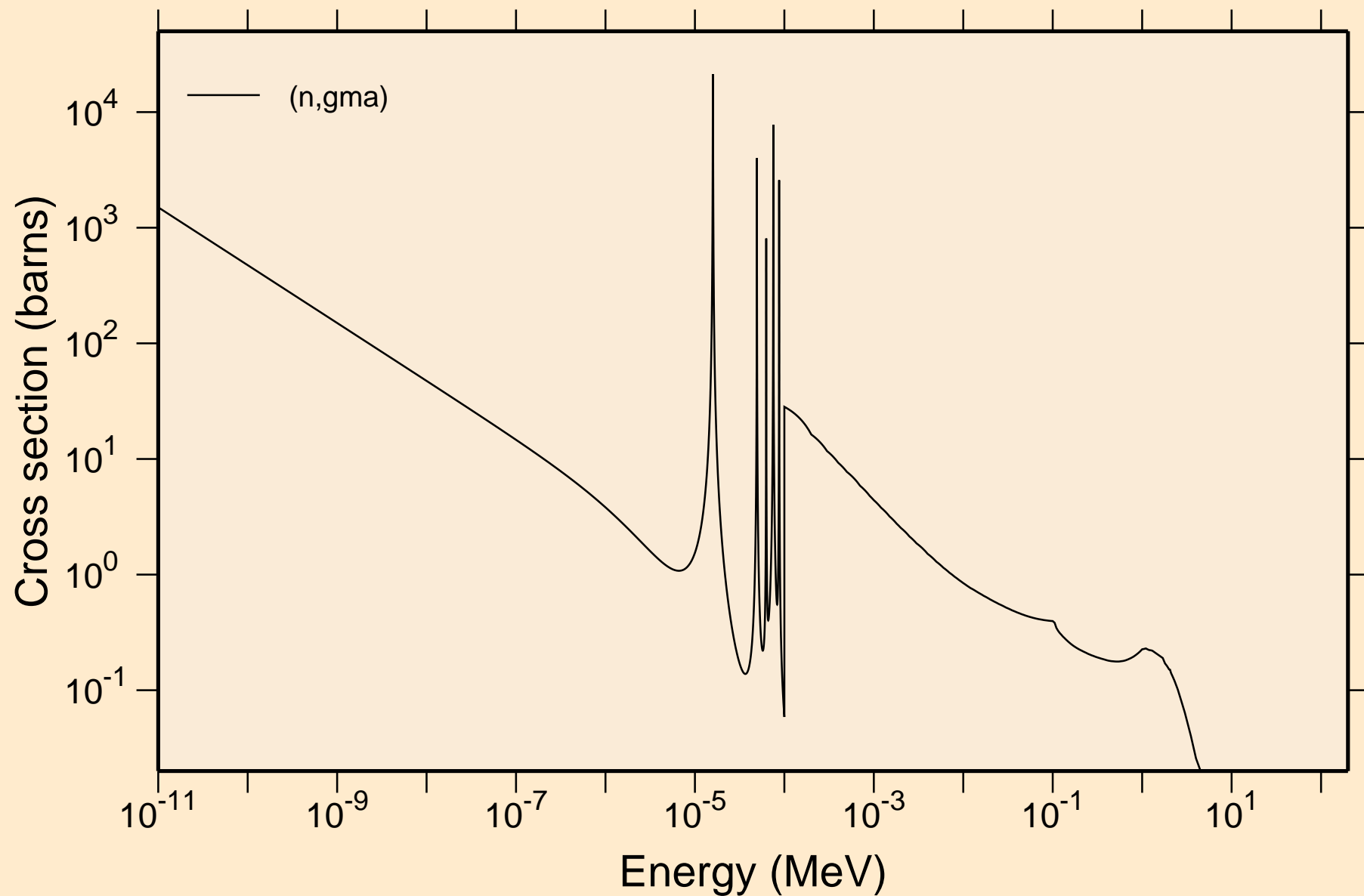
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2006  
Heating



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Damage

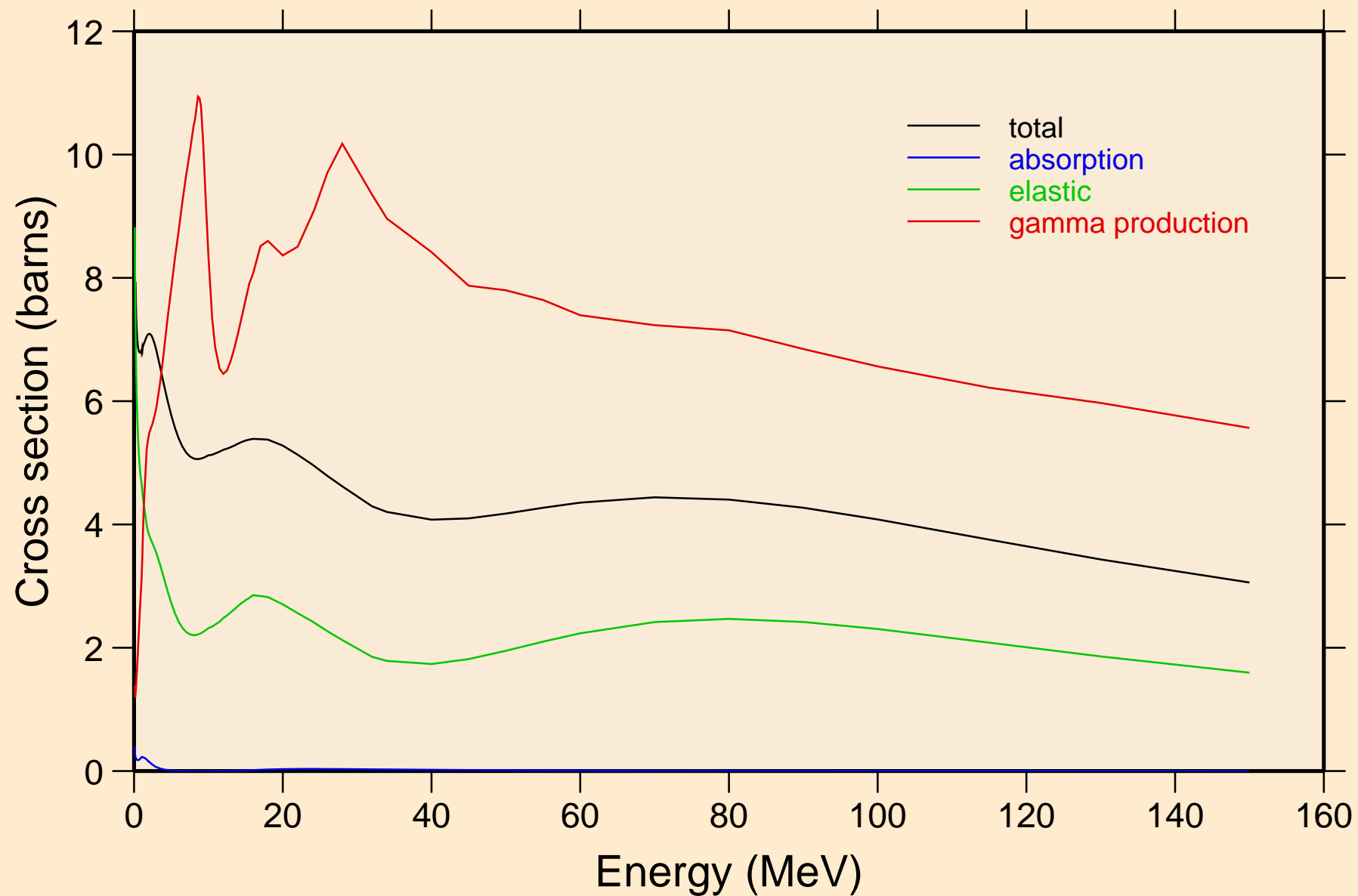


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Non-threshold reactions

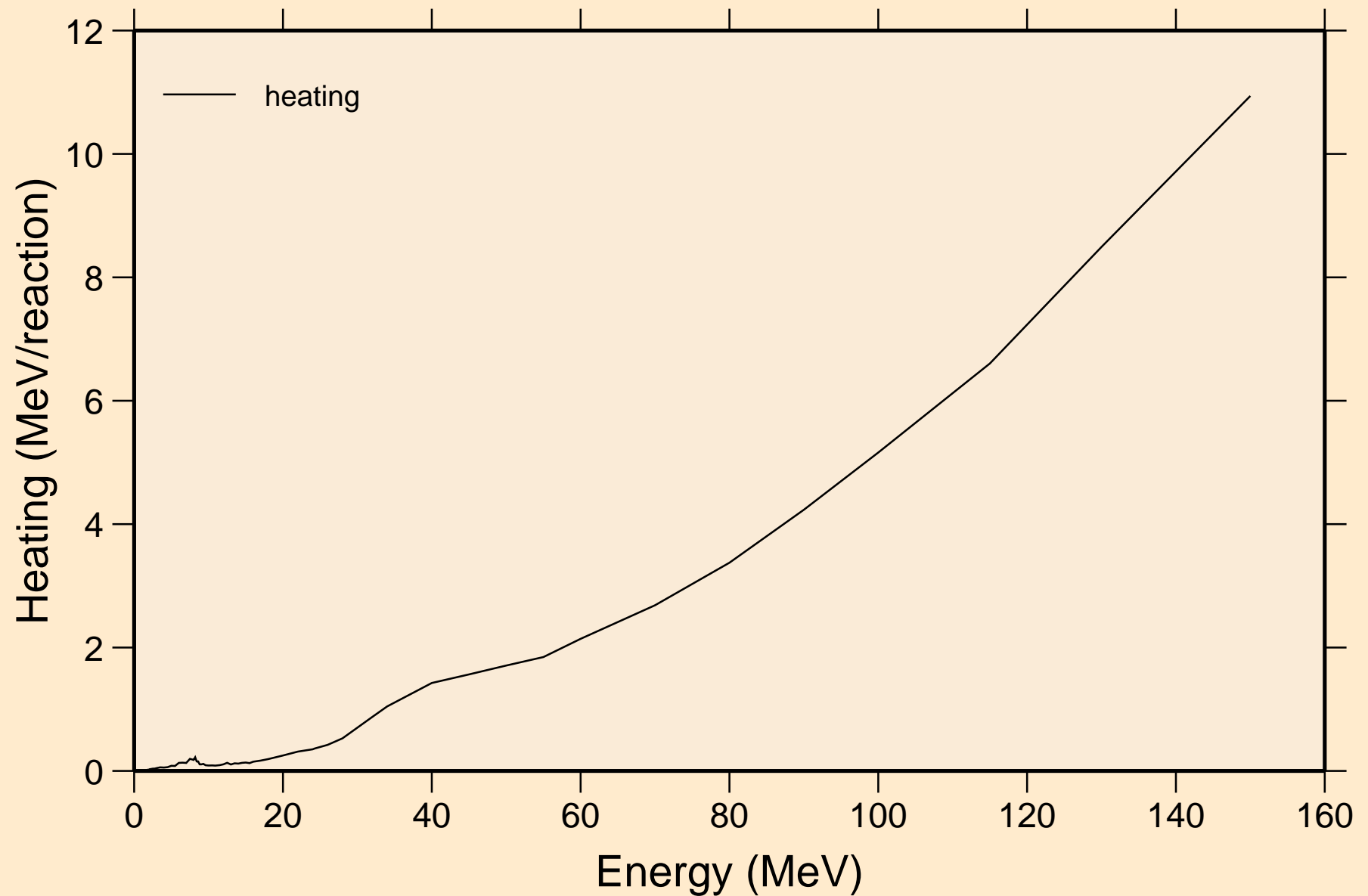


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 200

## Principal cross sections

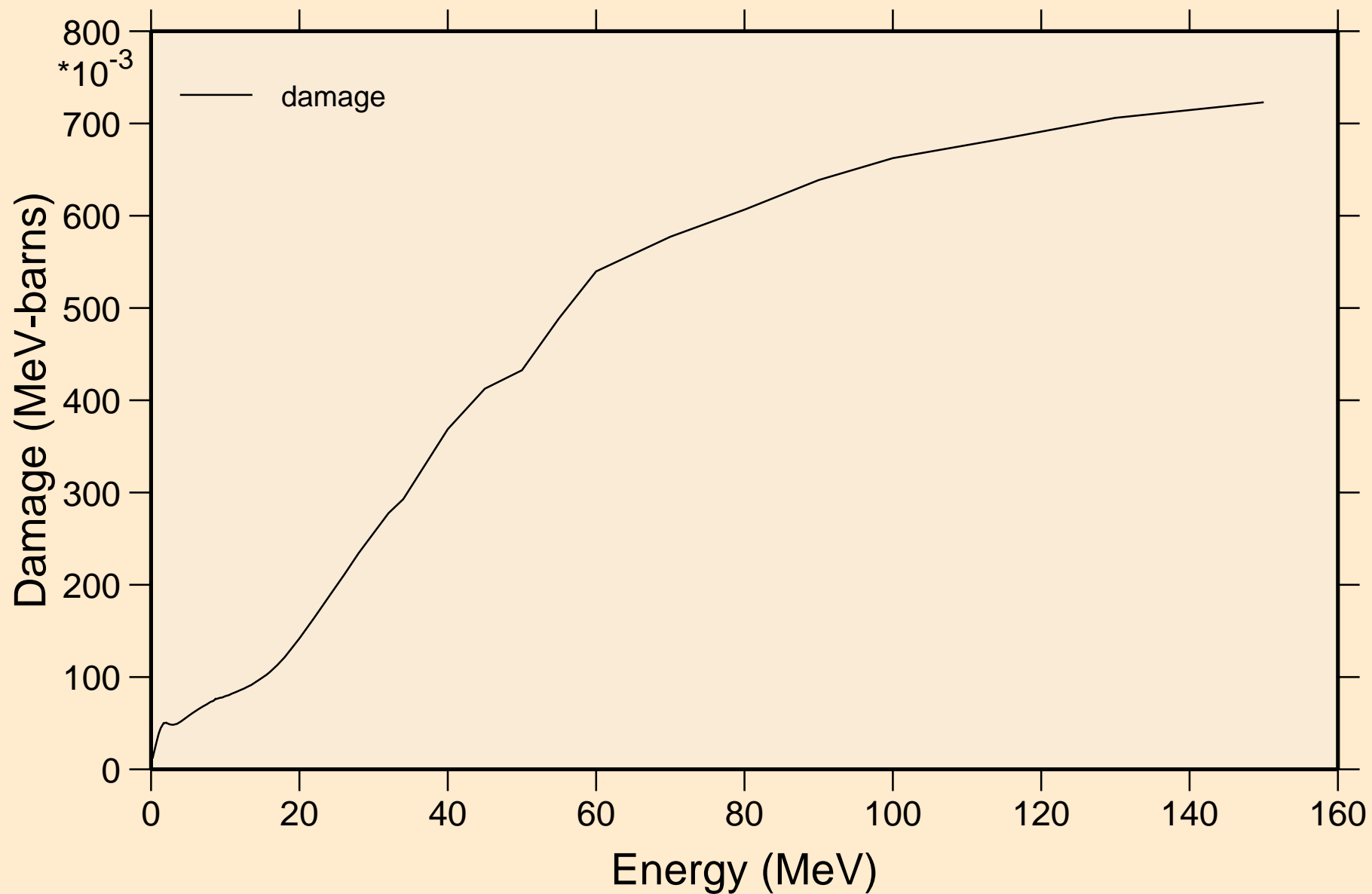


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Heating

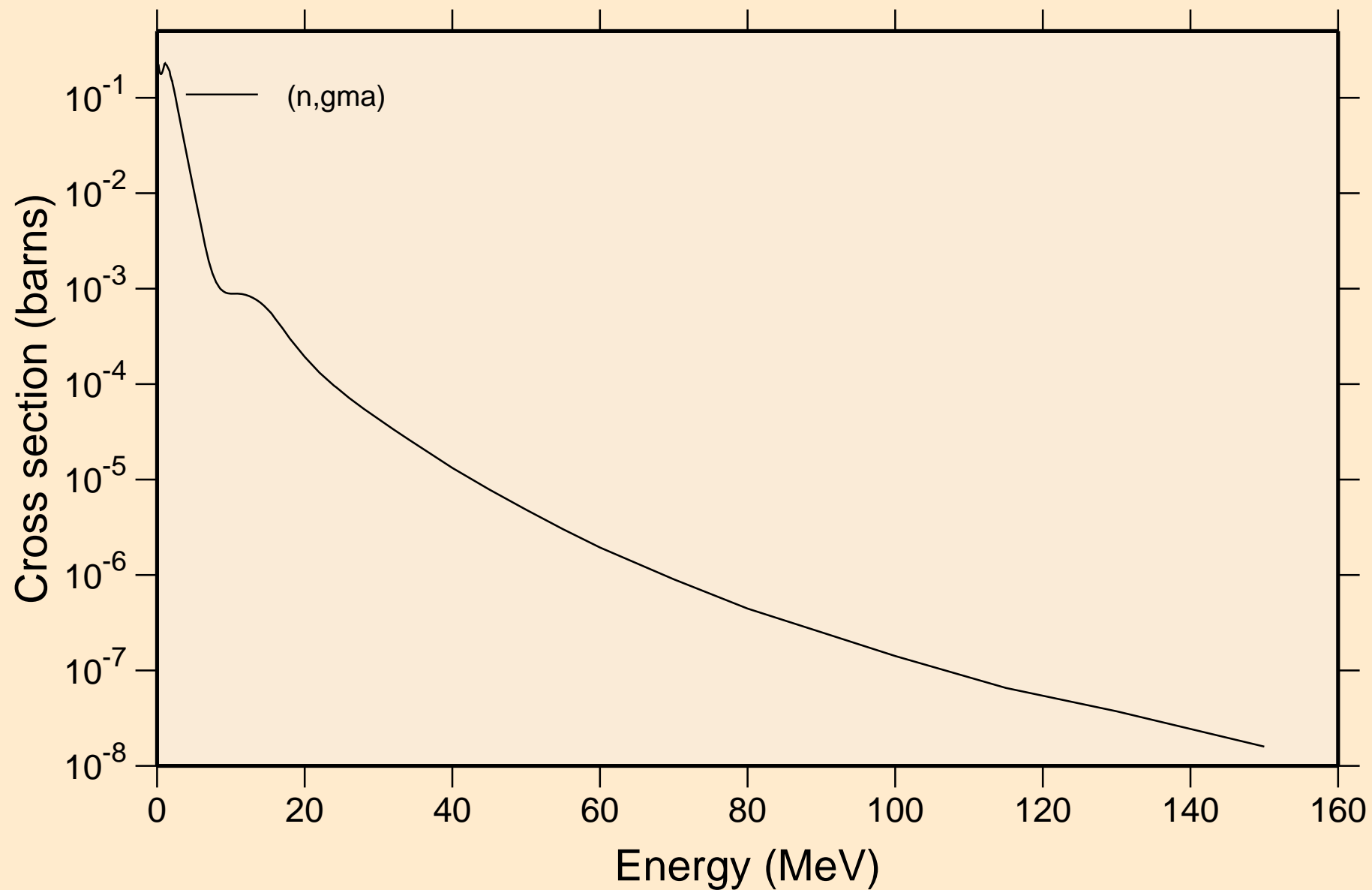




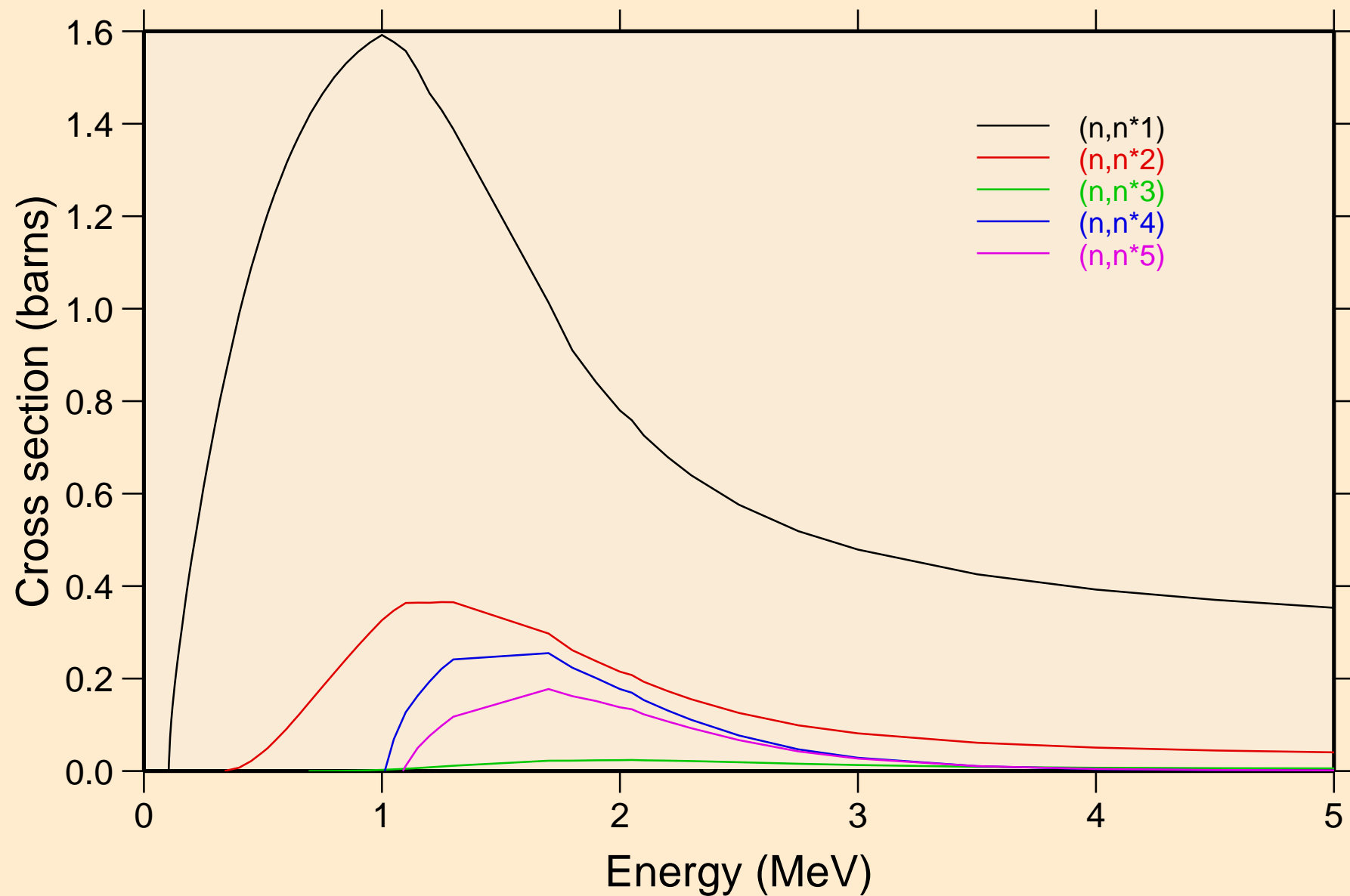
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Damage



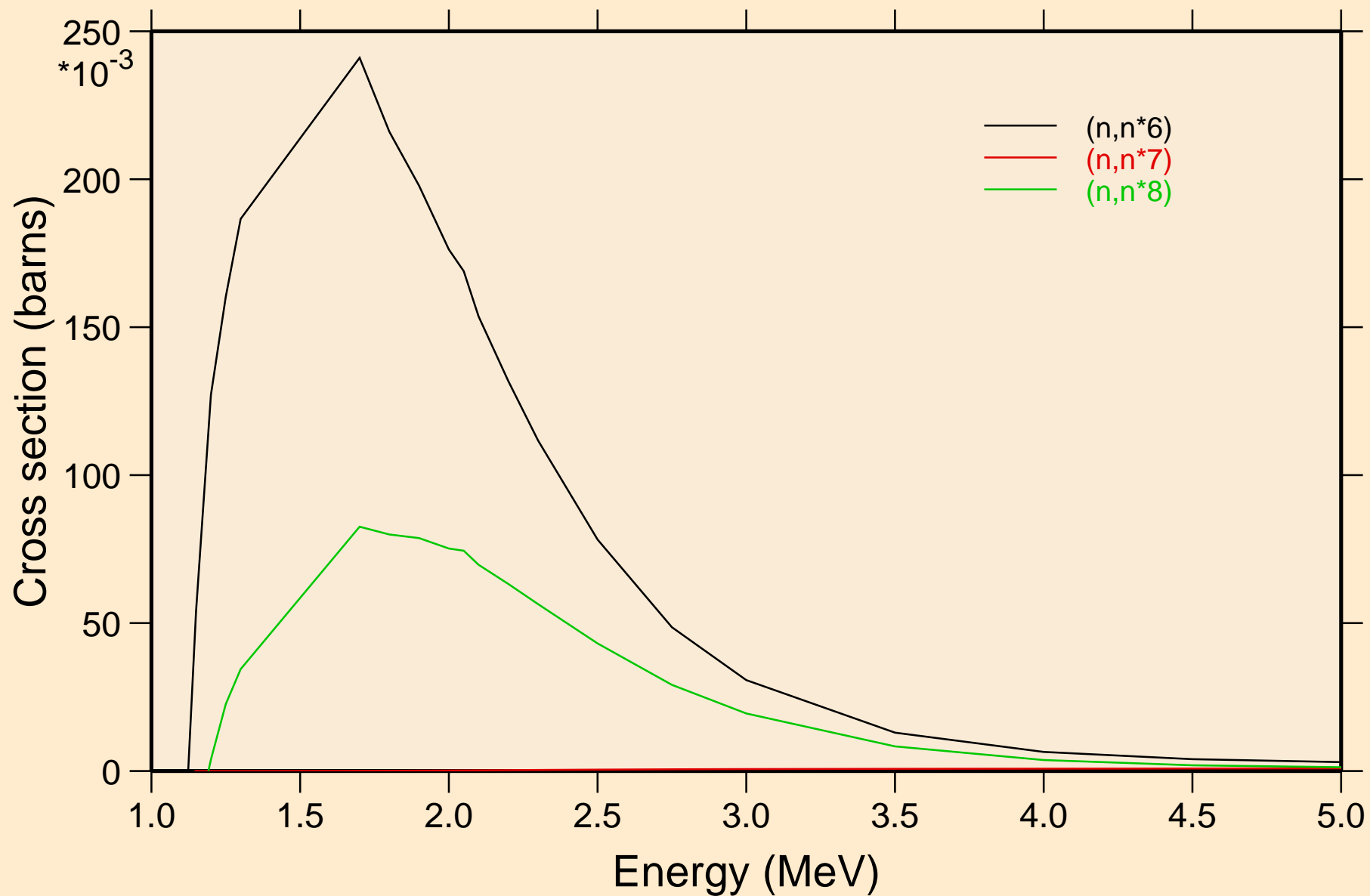
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Non-threshold reactions



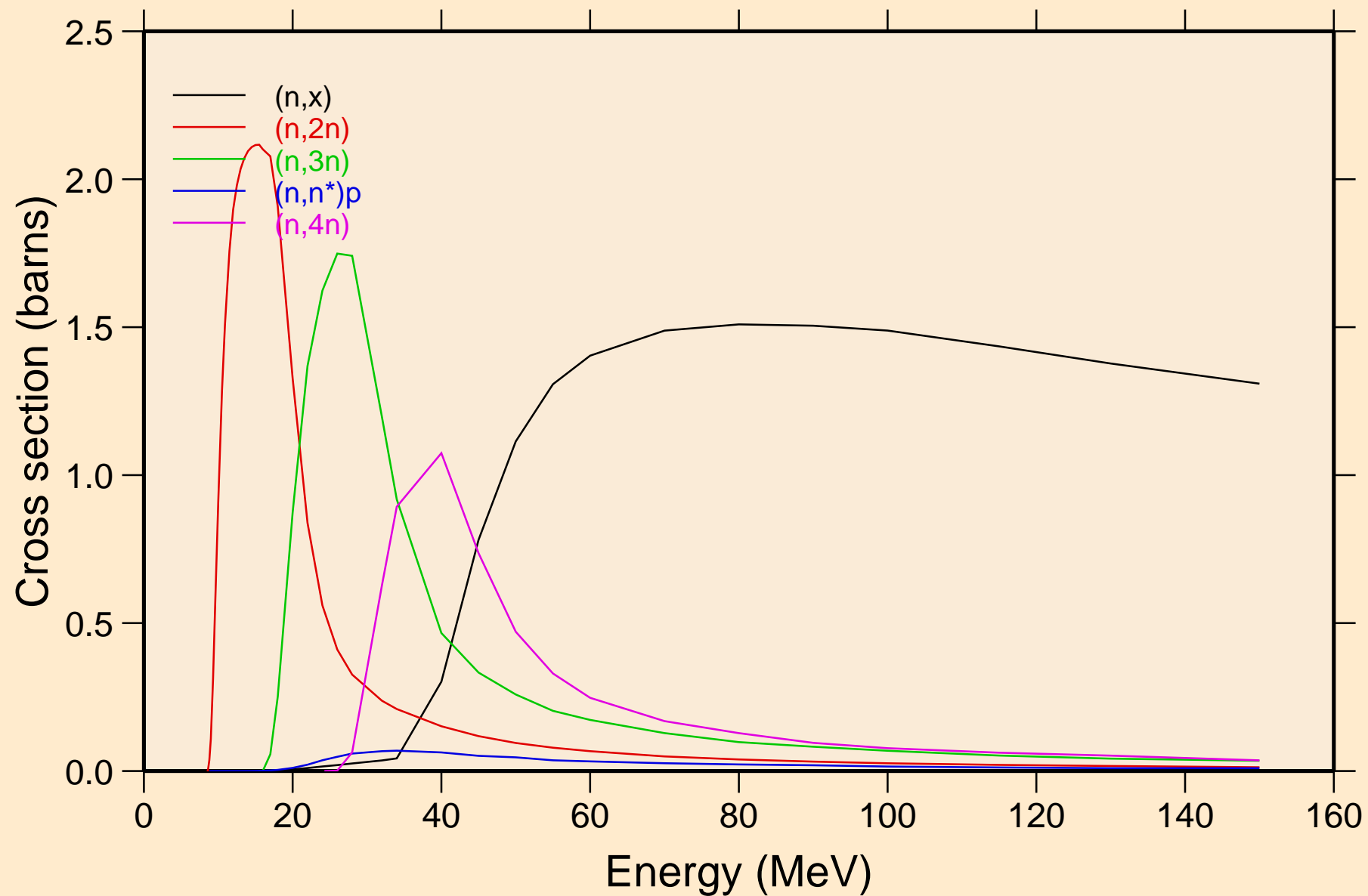
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Inelastic levels



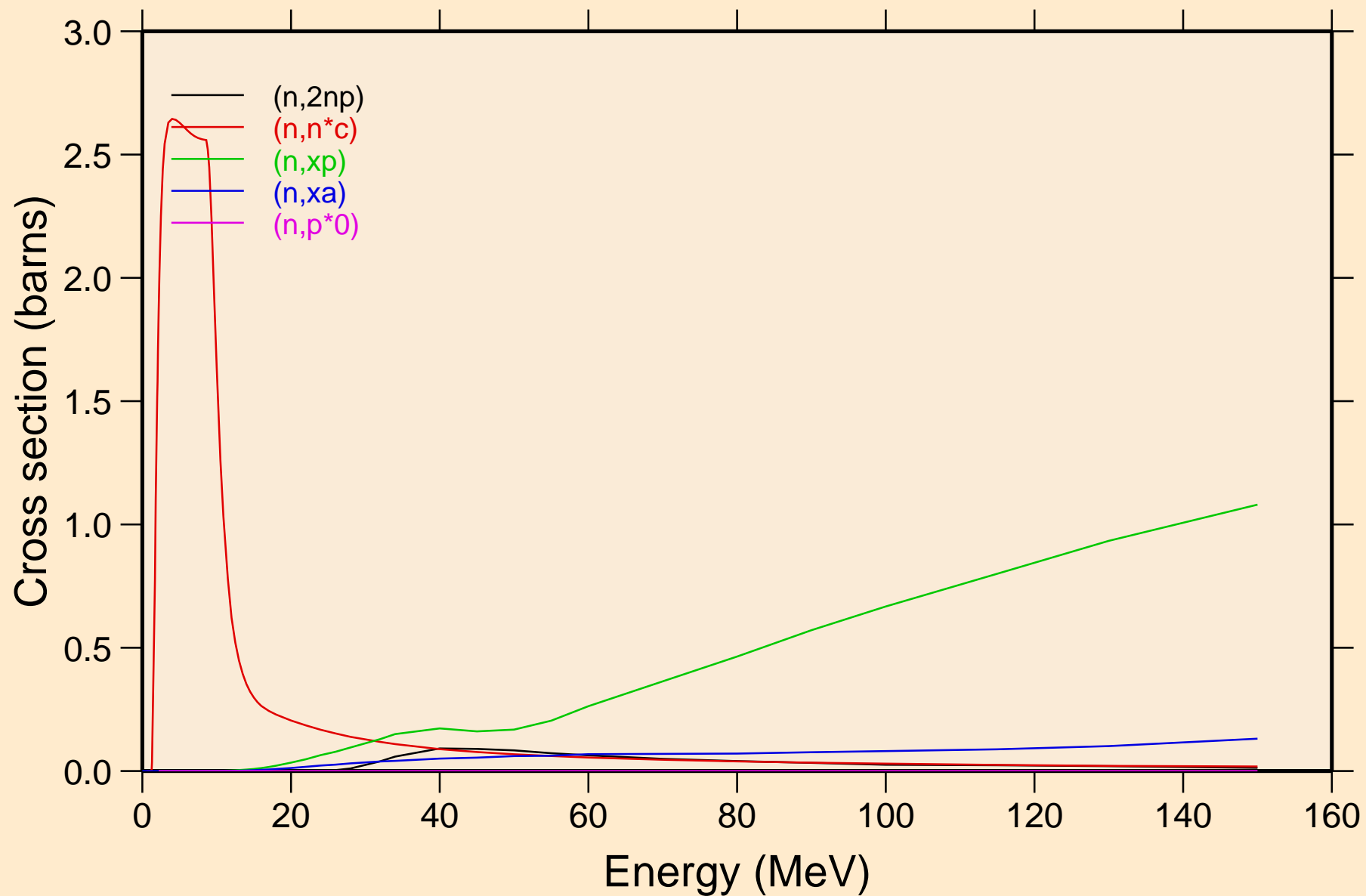
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Inelastic levels



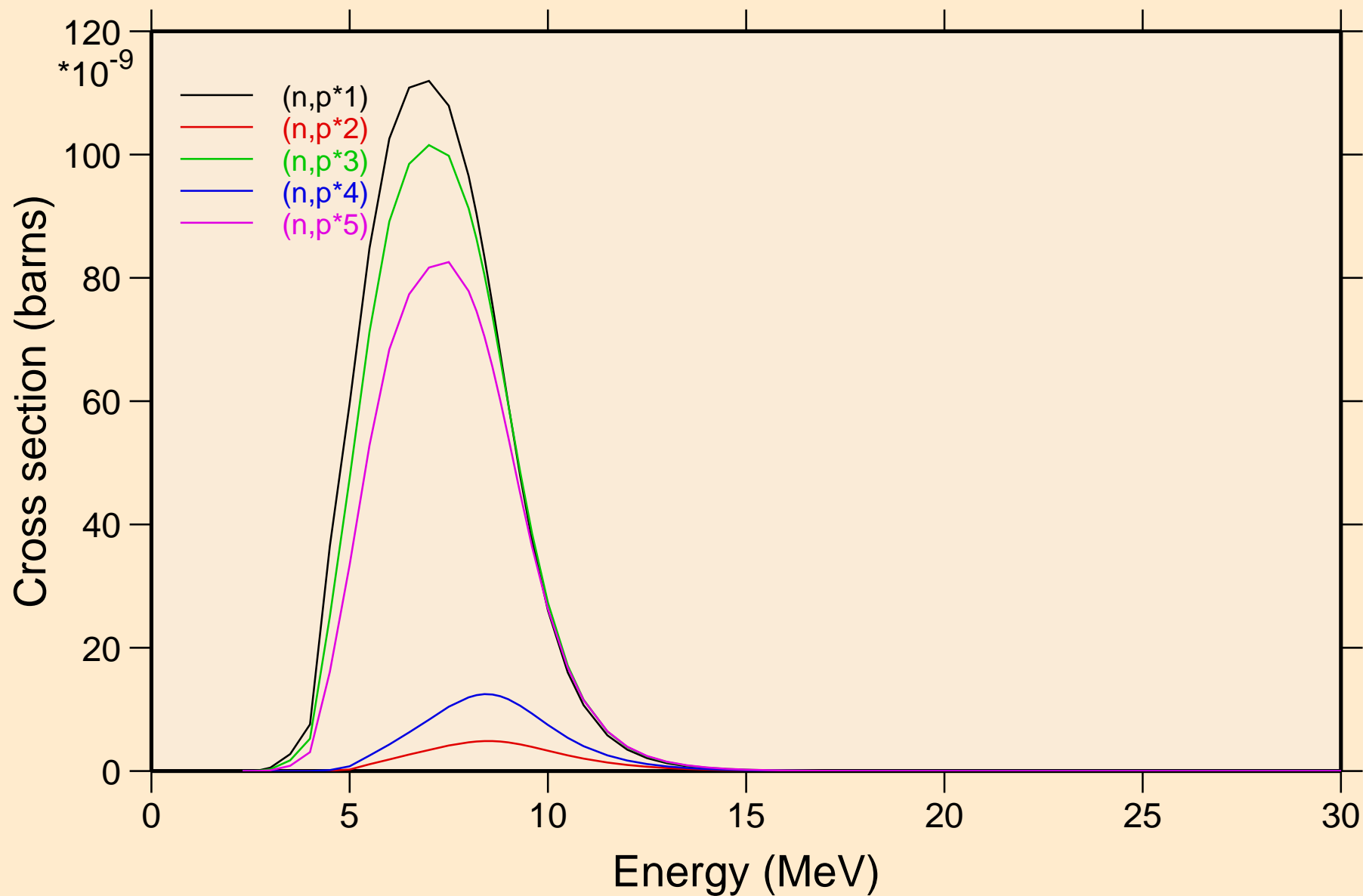
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Threshold reactions



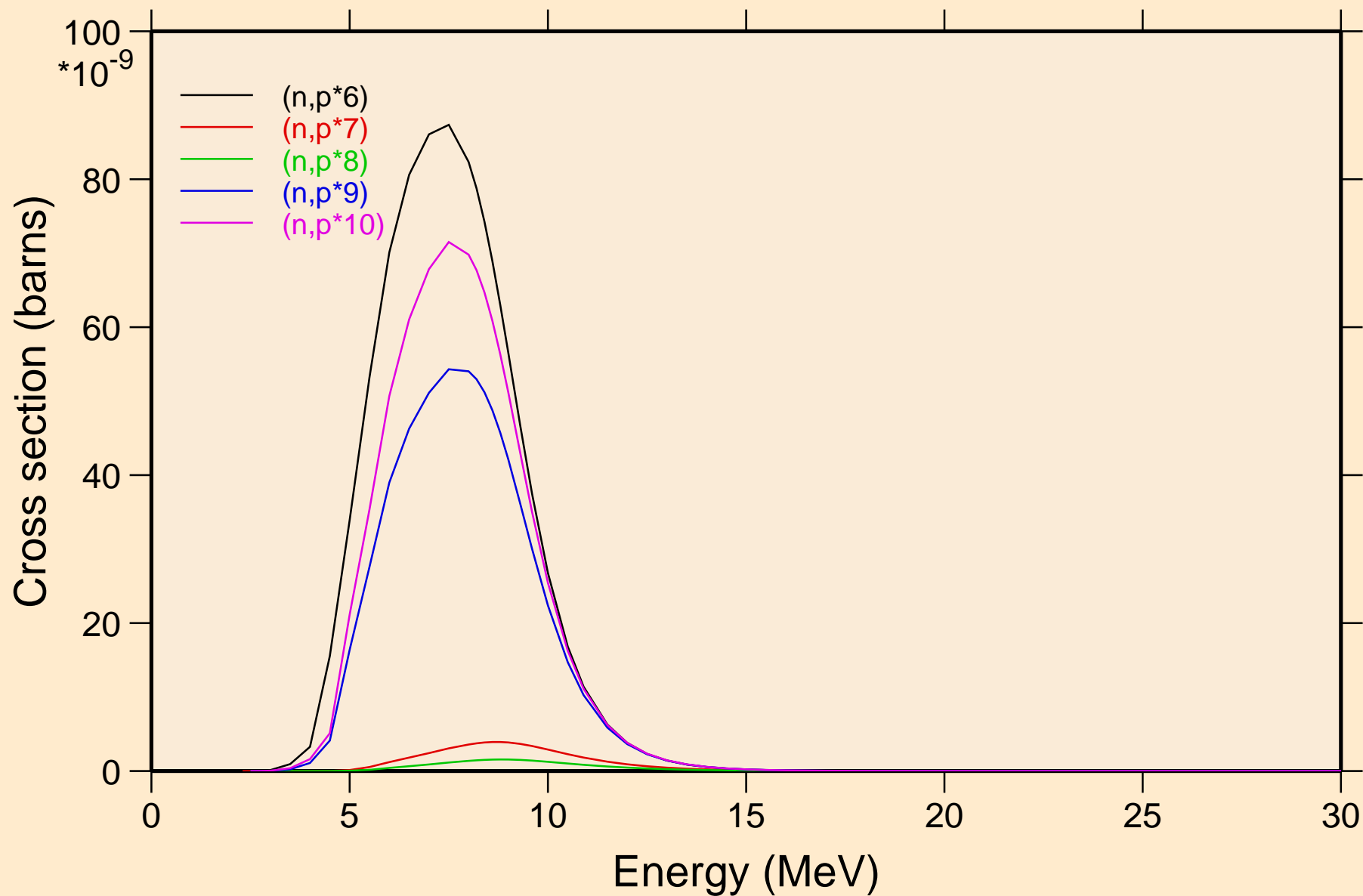
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2006  
Threshold reactions



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2006  
Threshold reactions

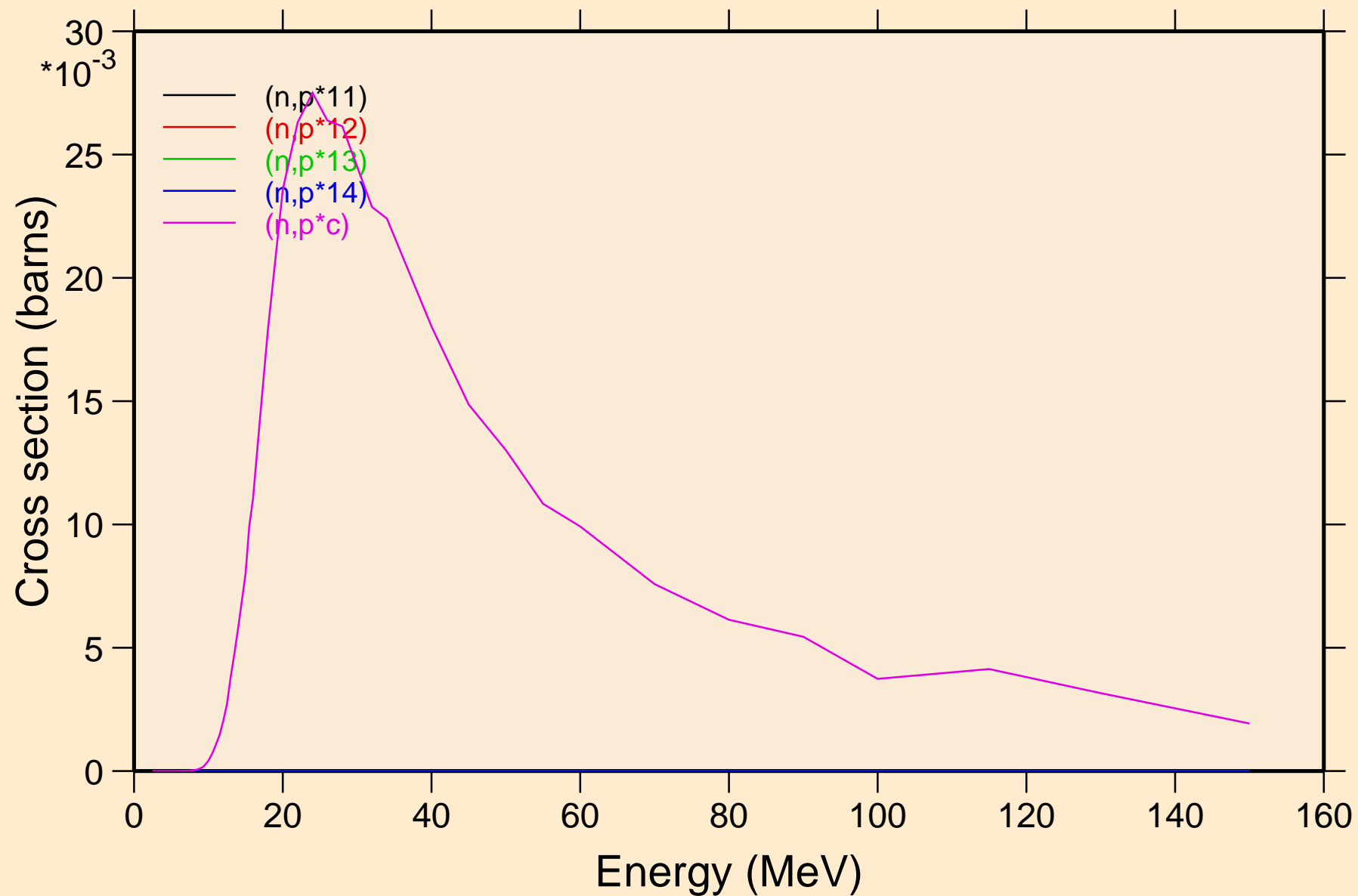


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2006  
Threshold reactions

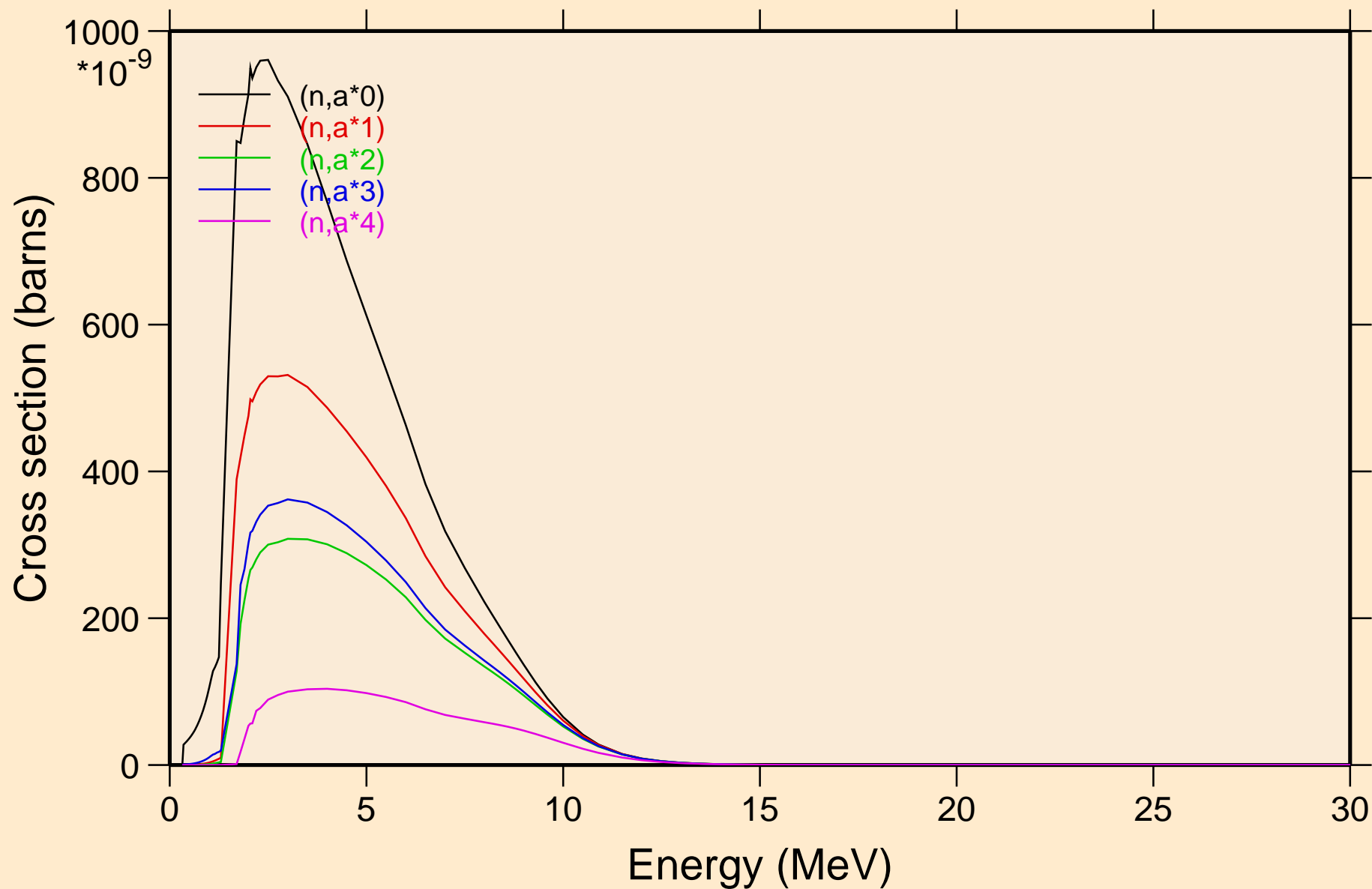




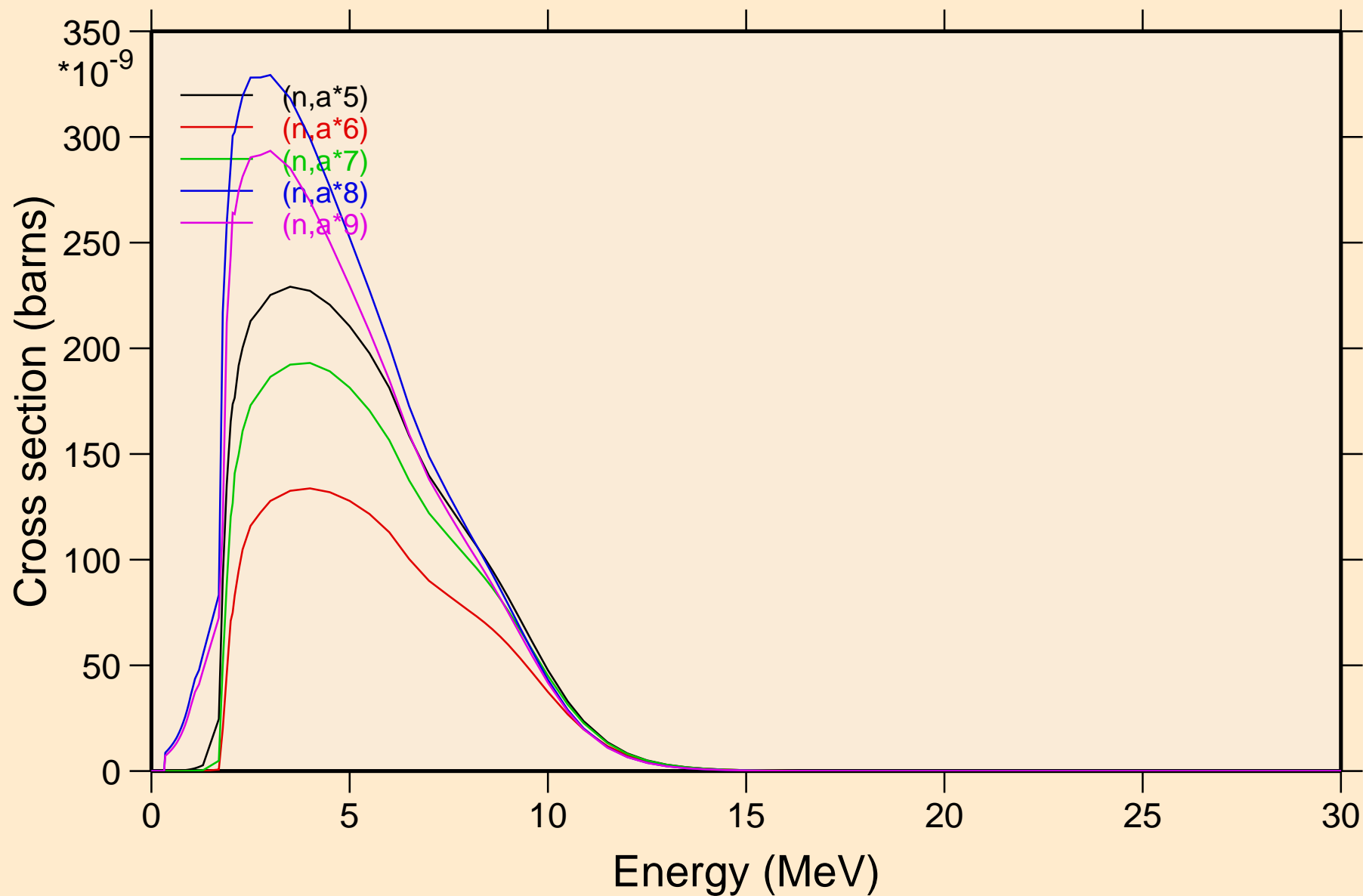
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Threshold reactions



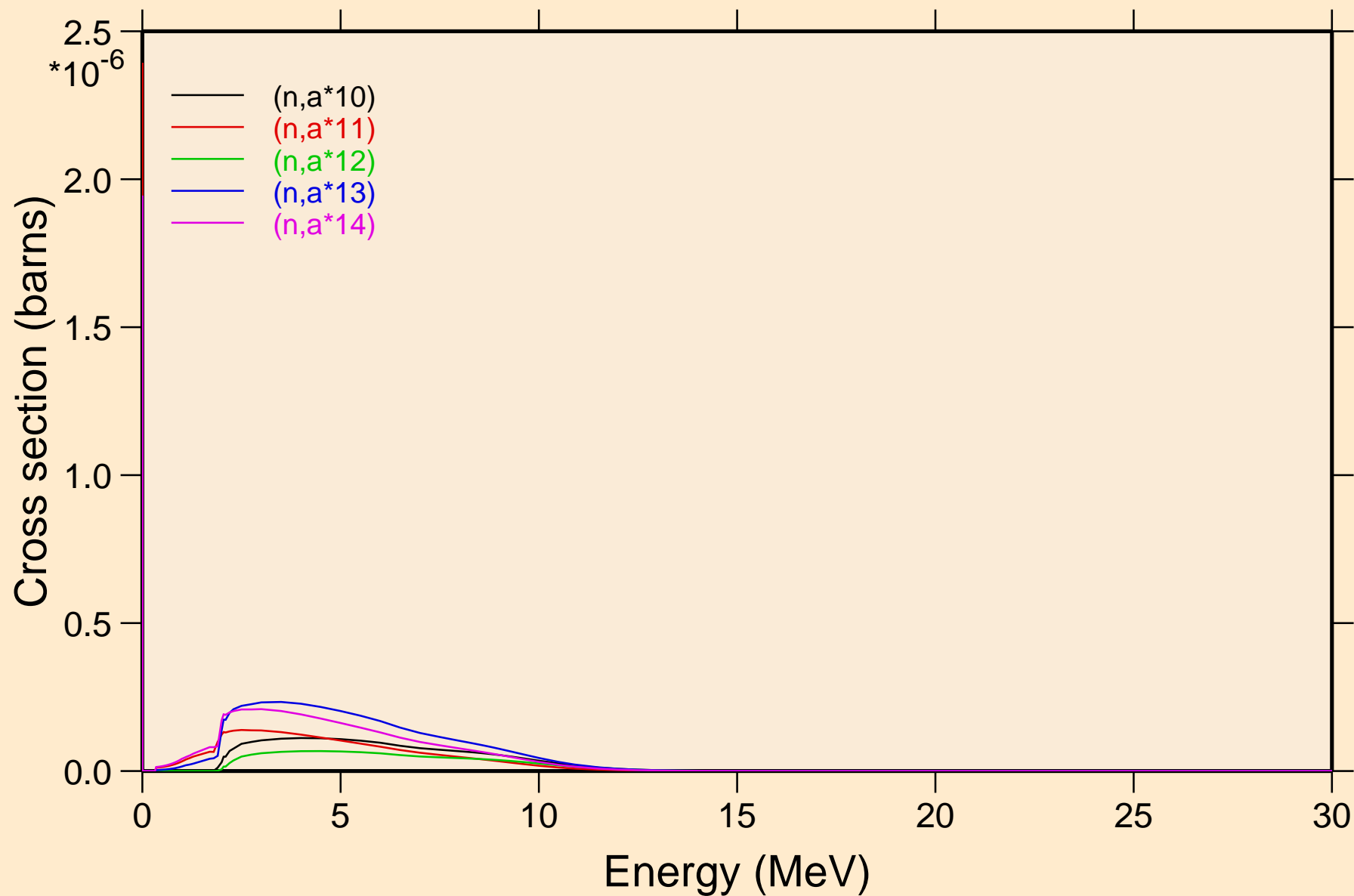
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2006  
Threshold reactions



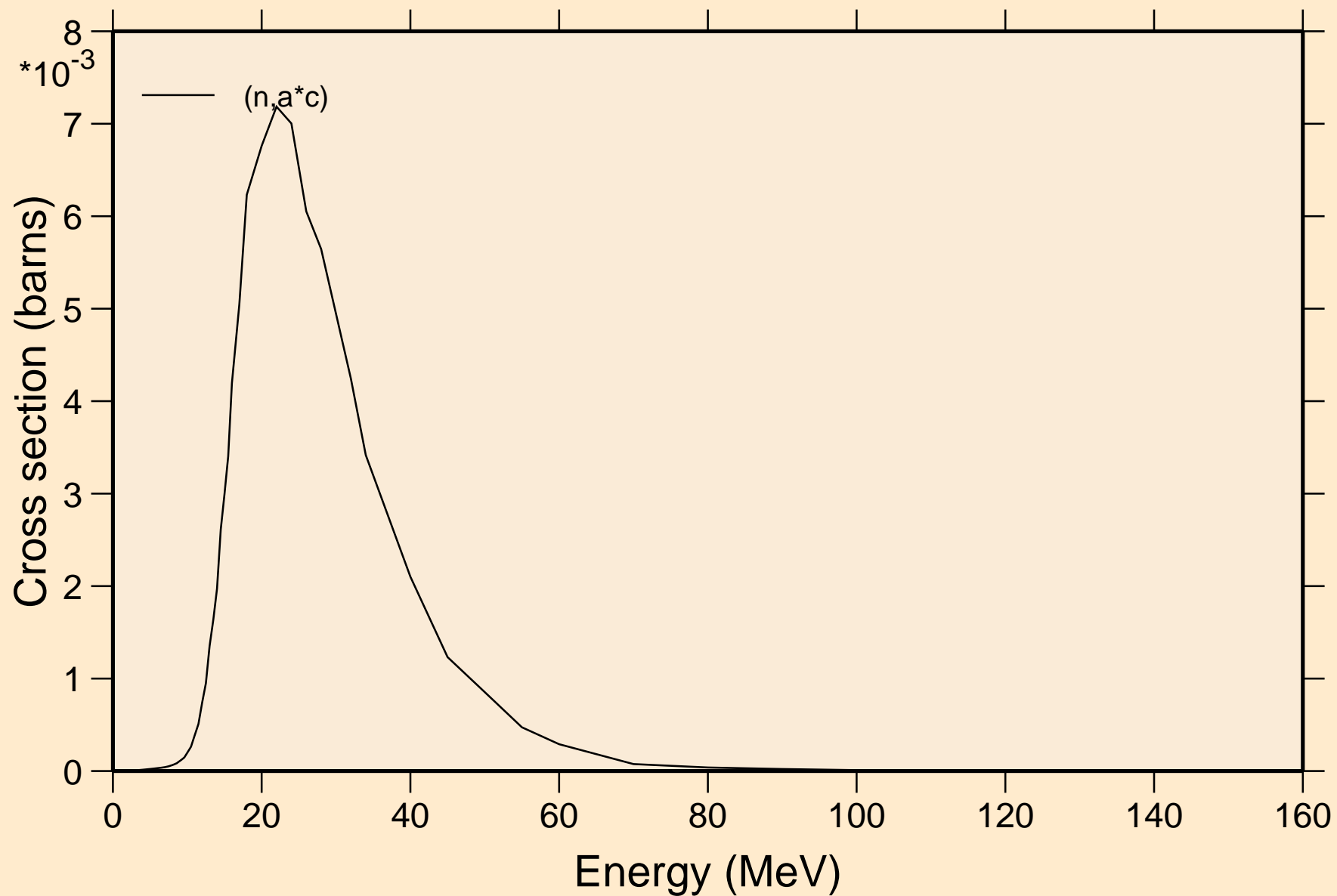
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Threshold reactions



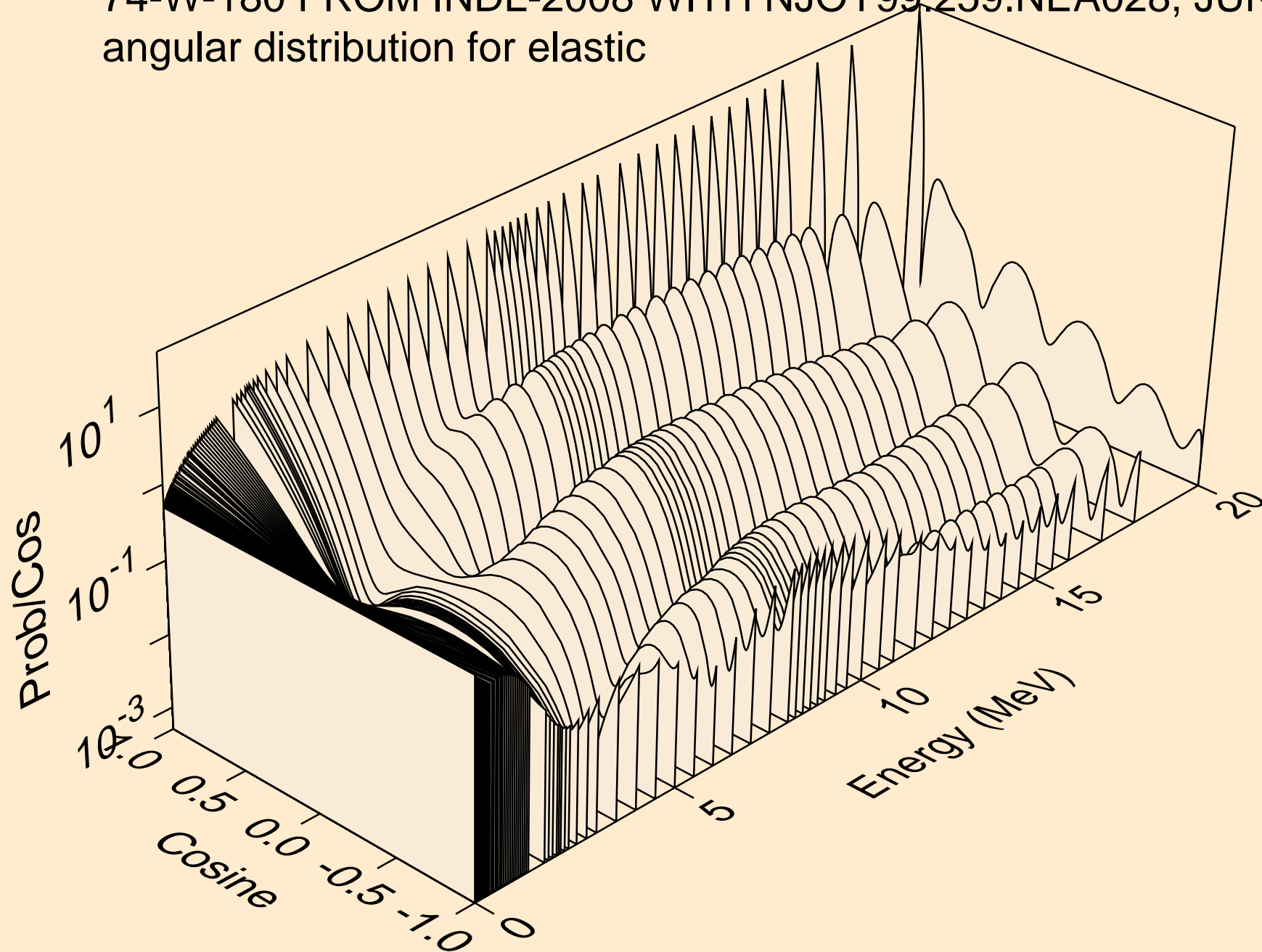
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Threshold reactions



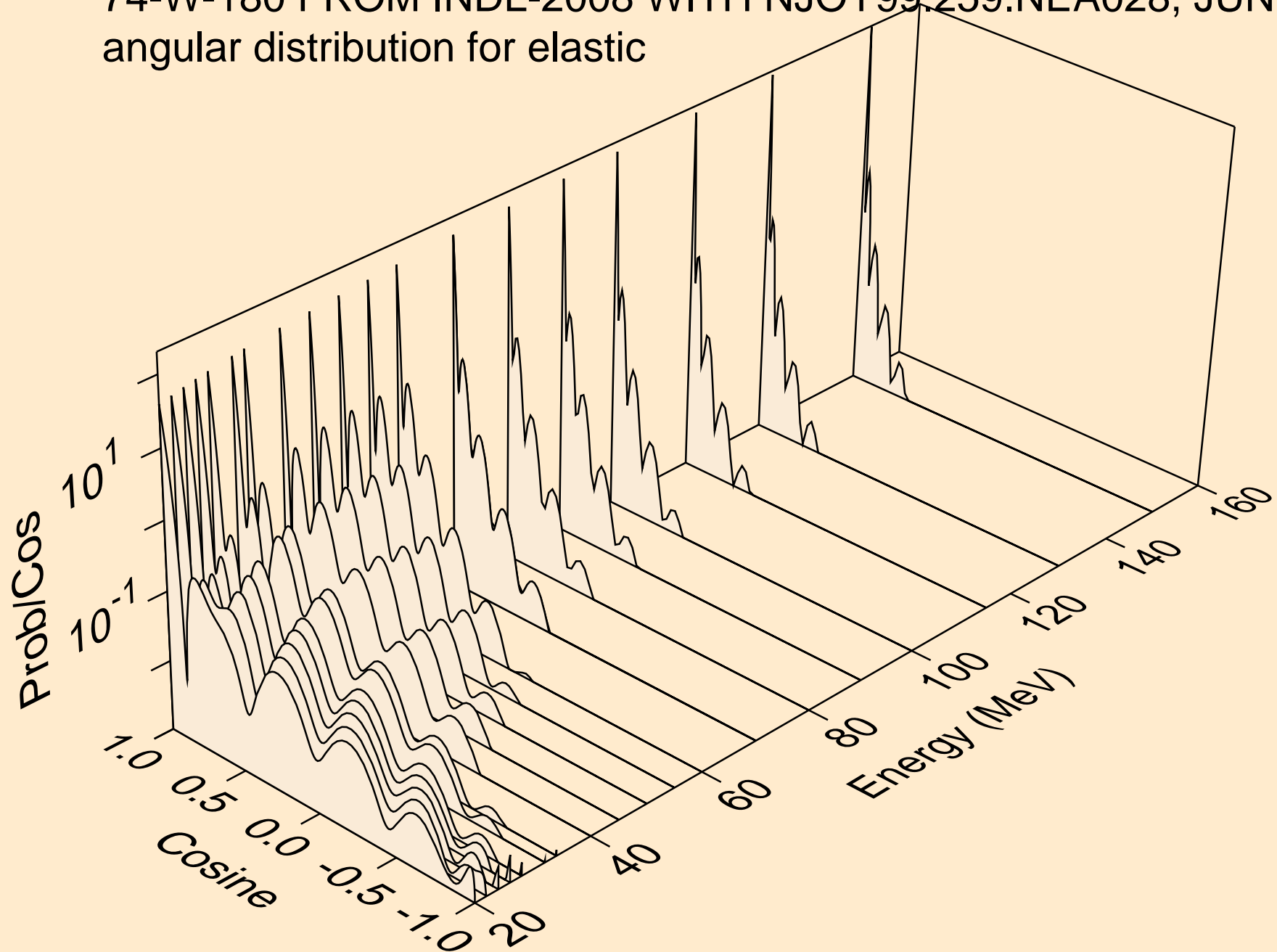
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Threshold reactions



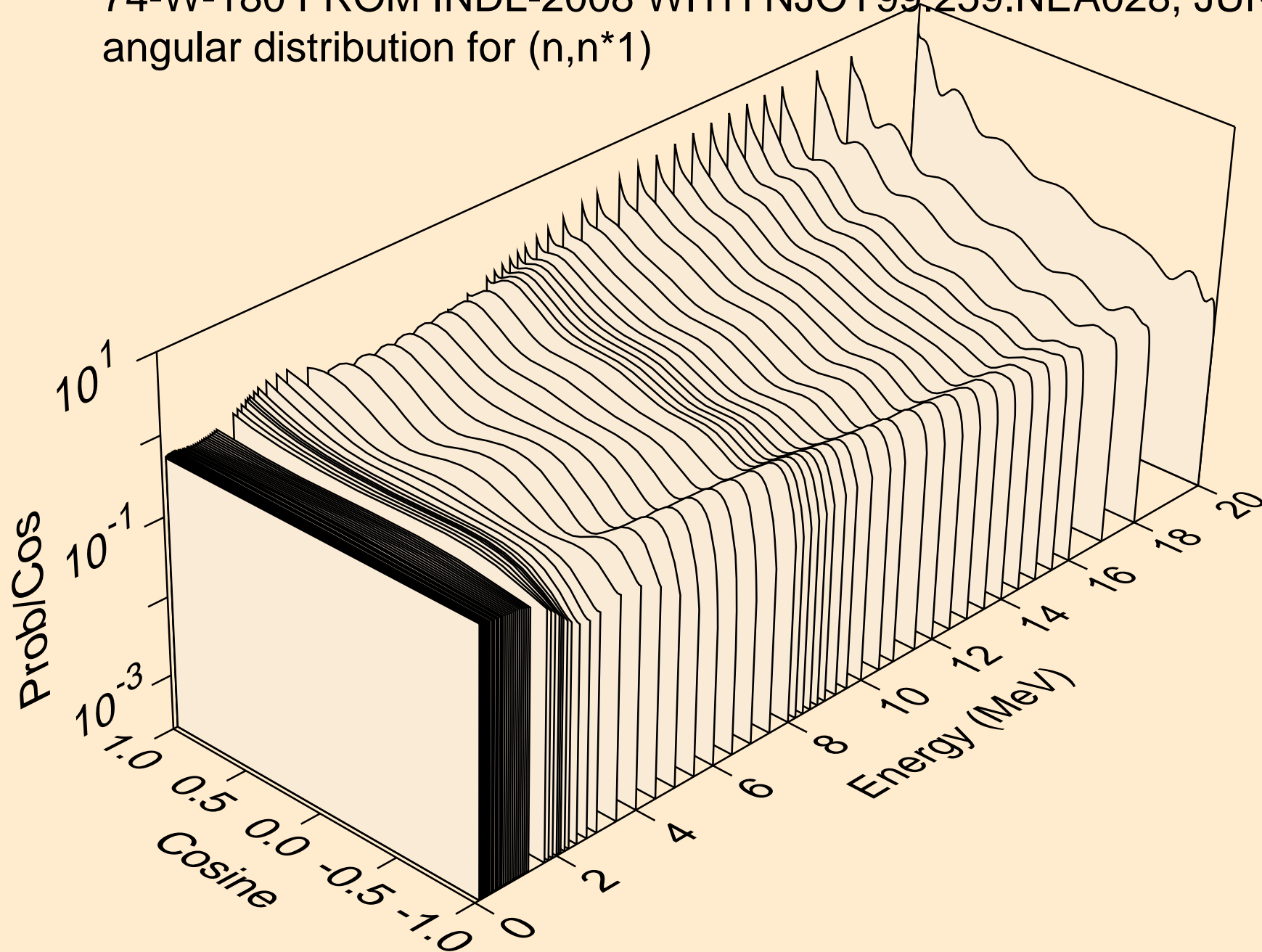
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for elastic



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for elastic

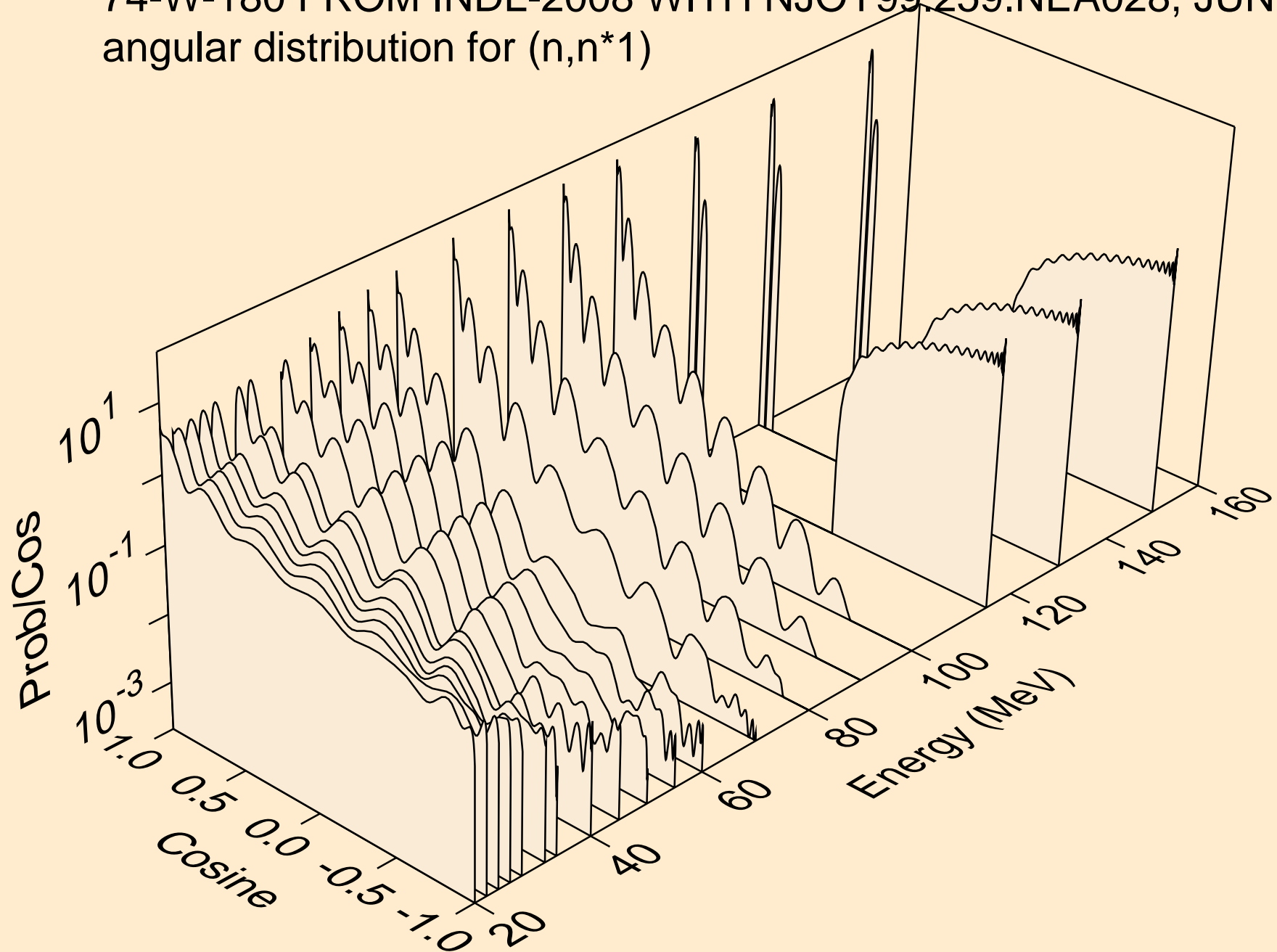


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*1)

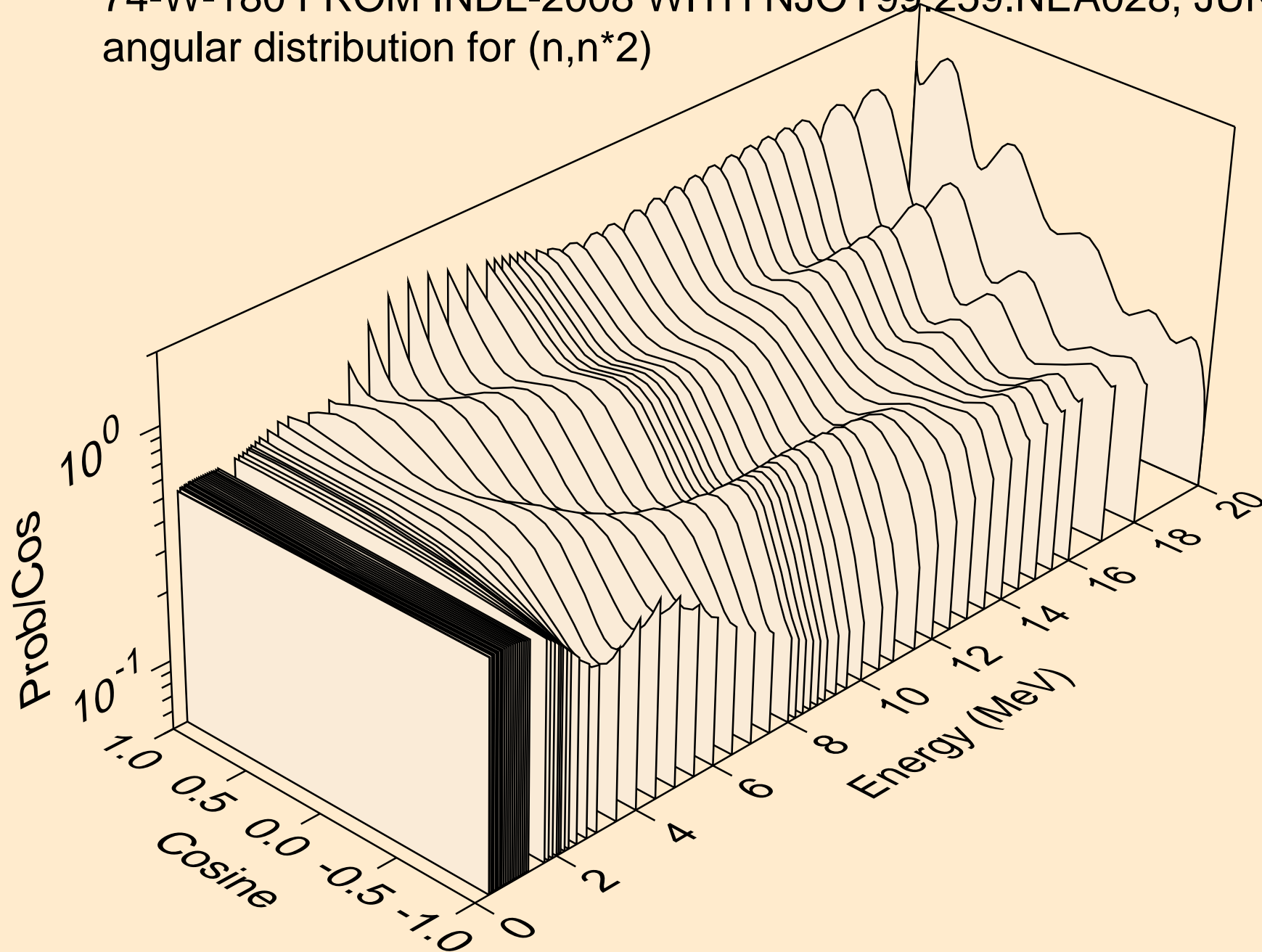




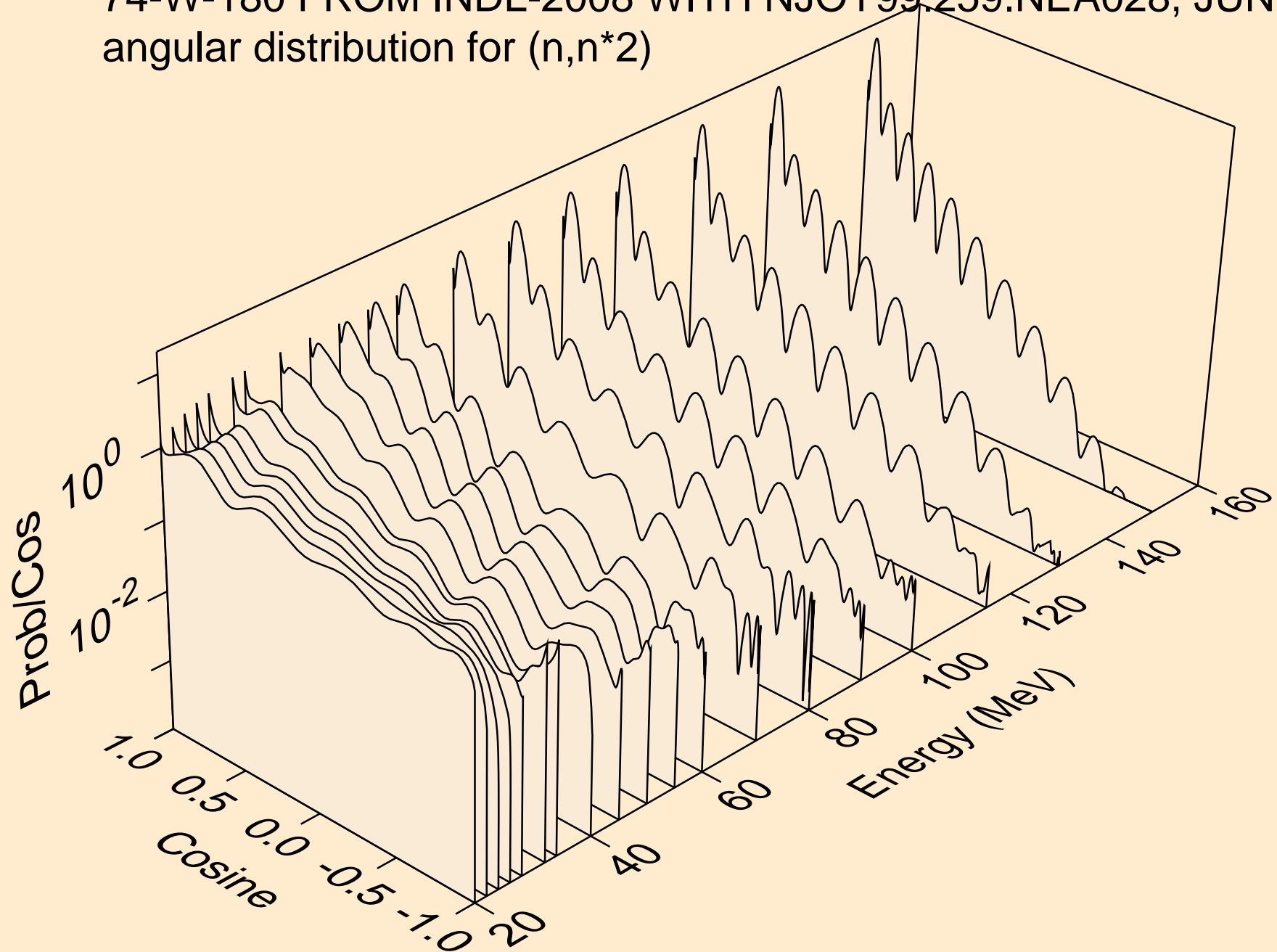
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*1)



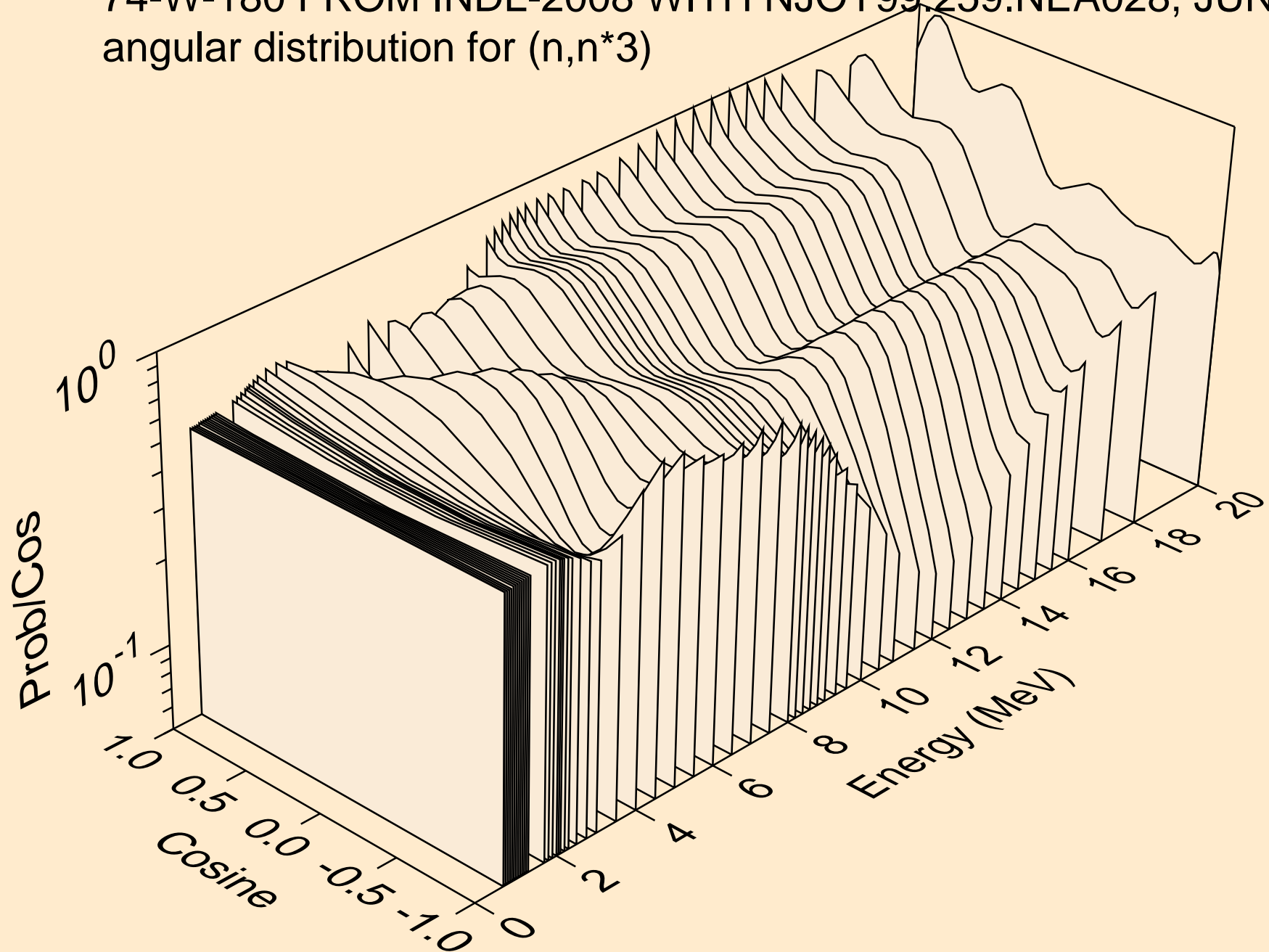
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*2)



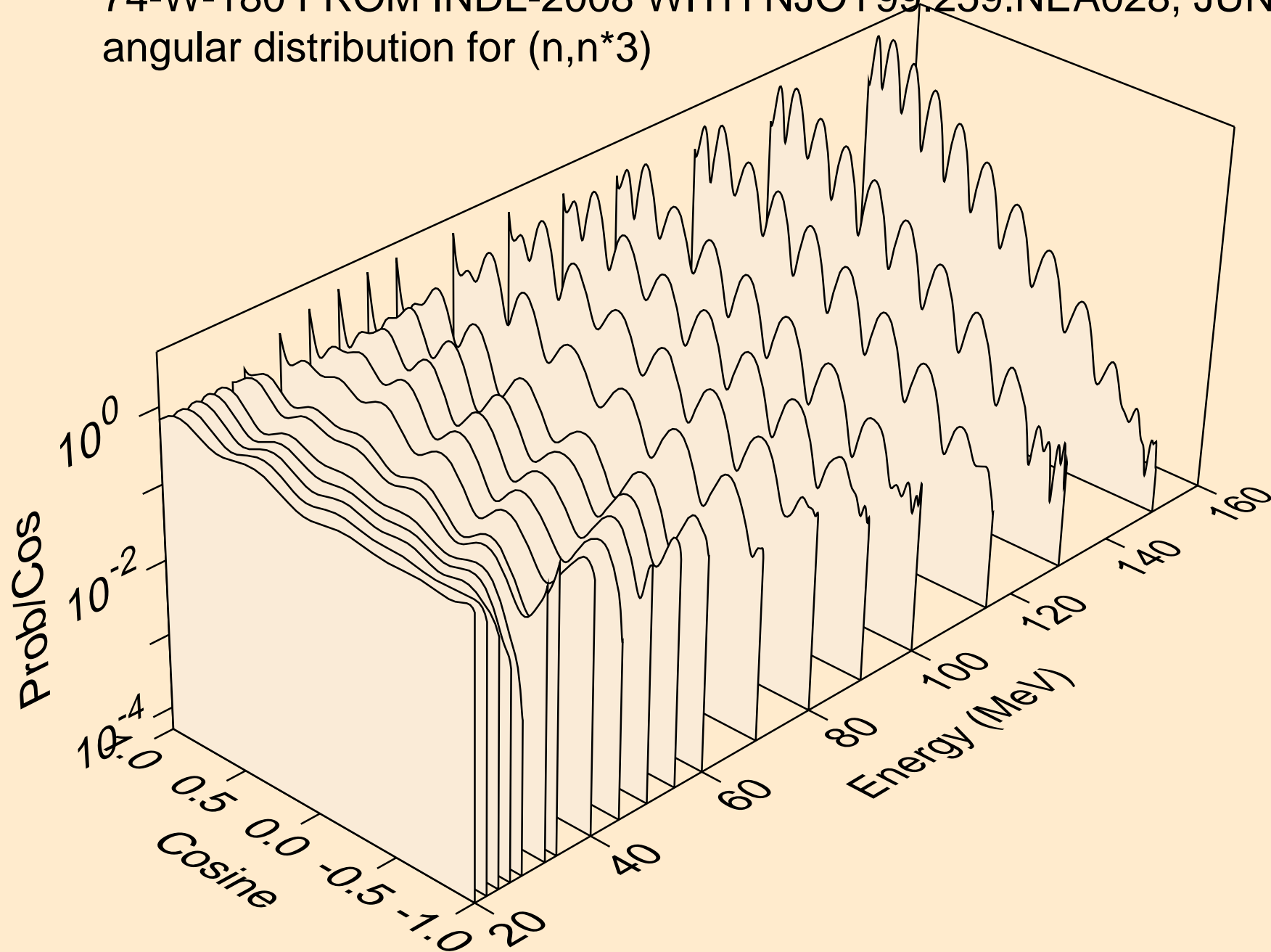
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*2)



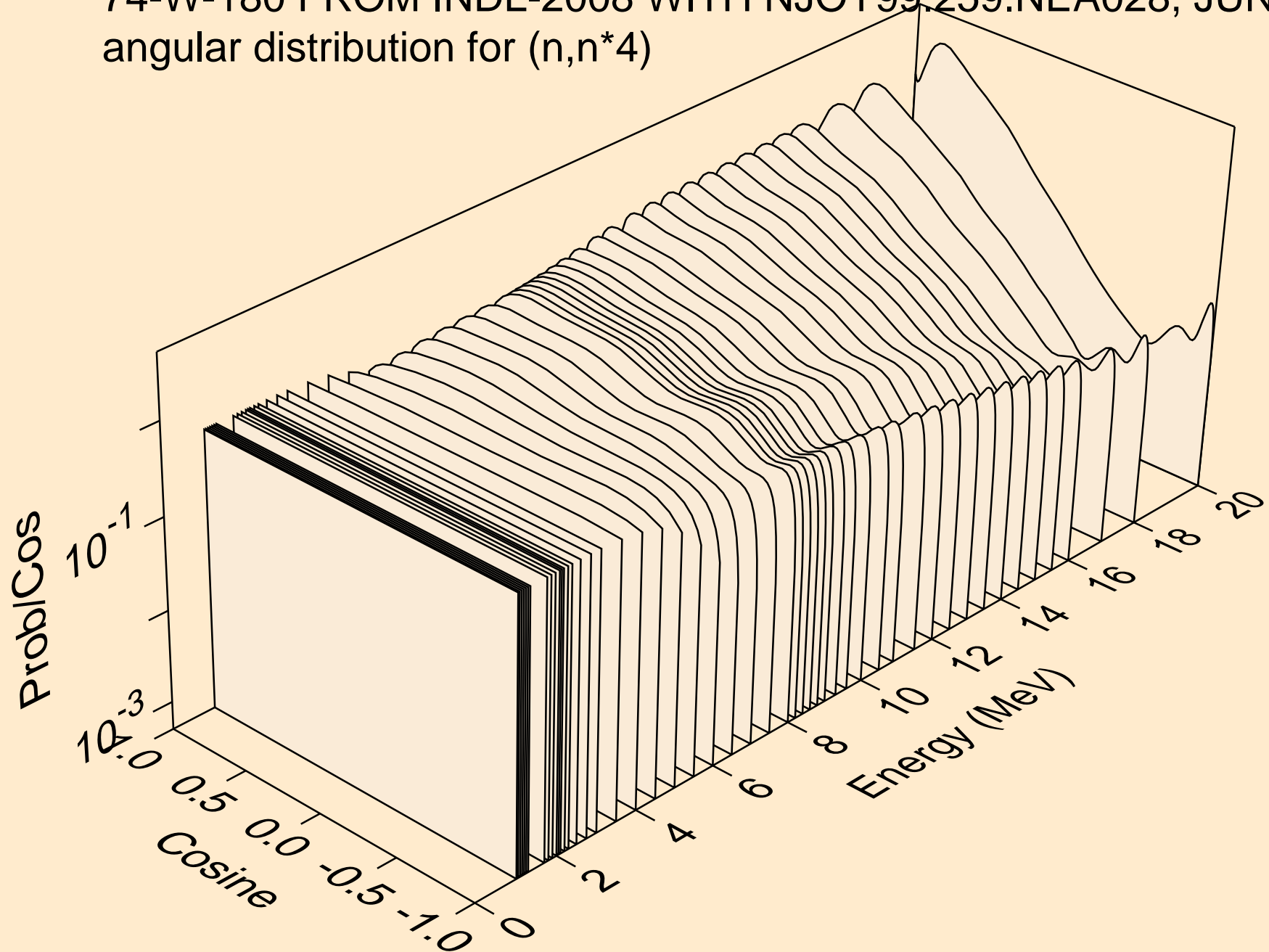
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*3)



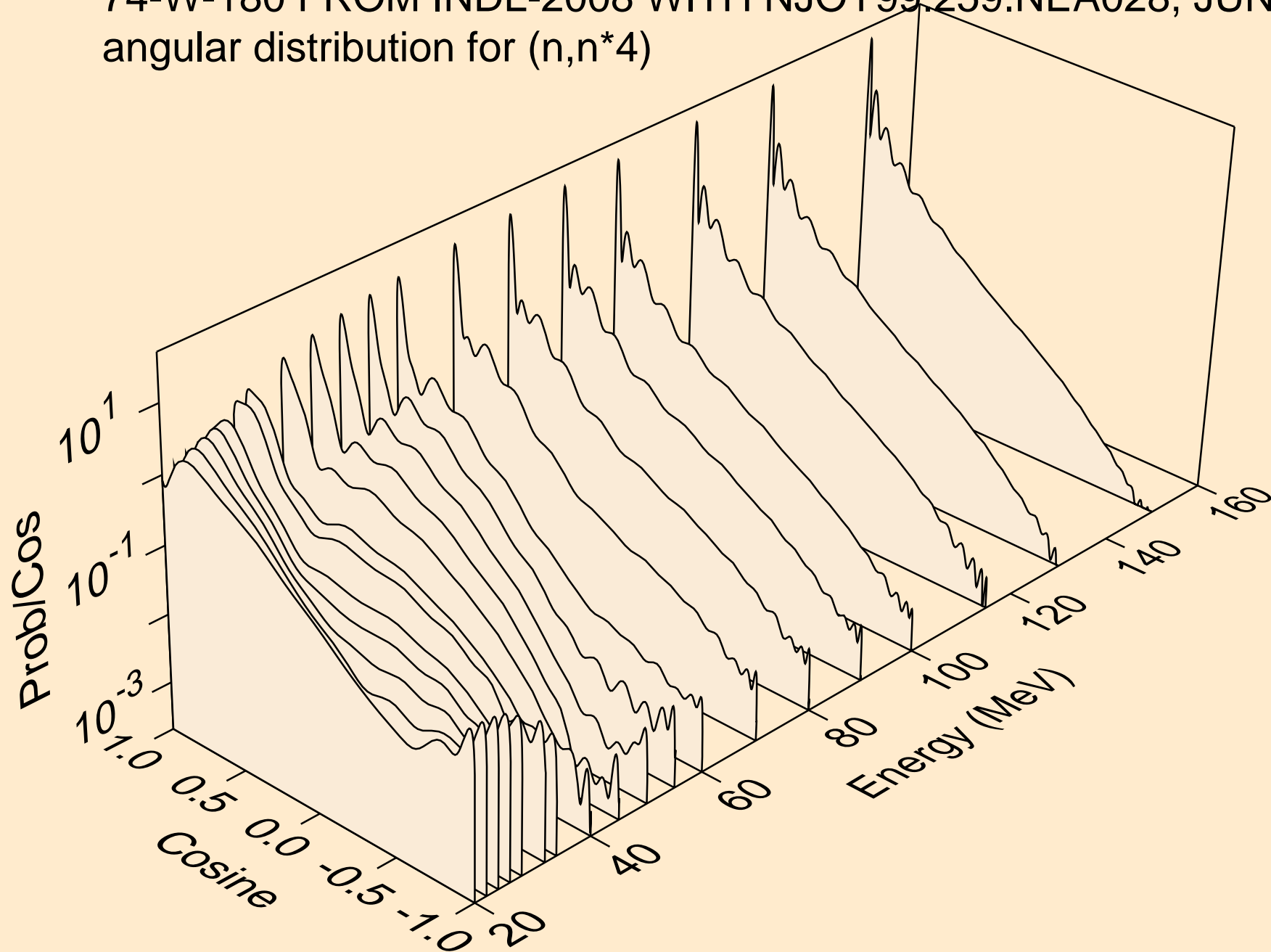
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*3)



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*4)

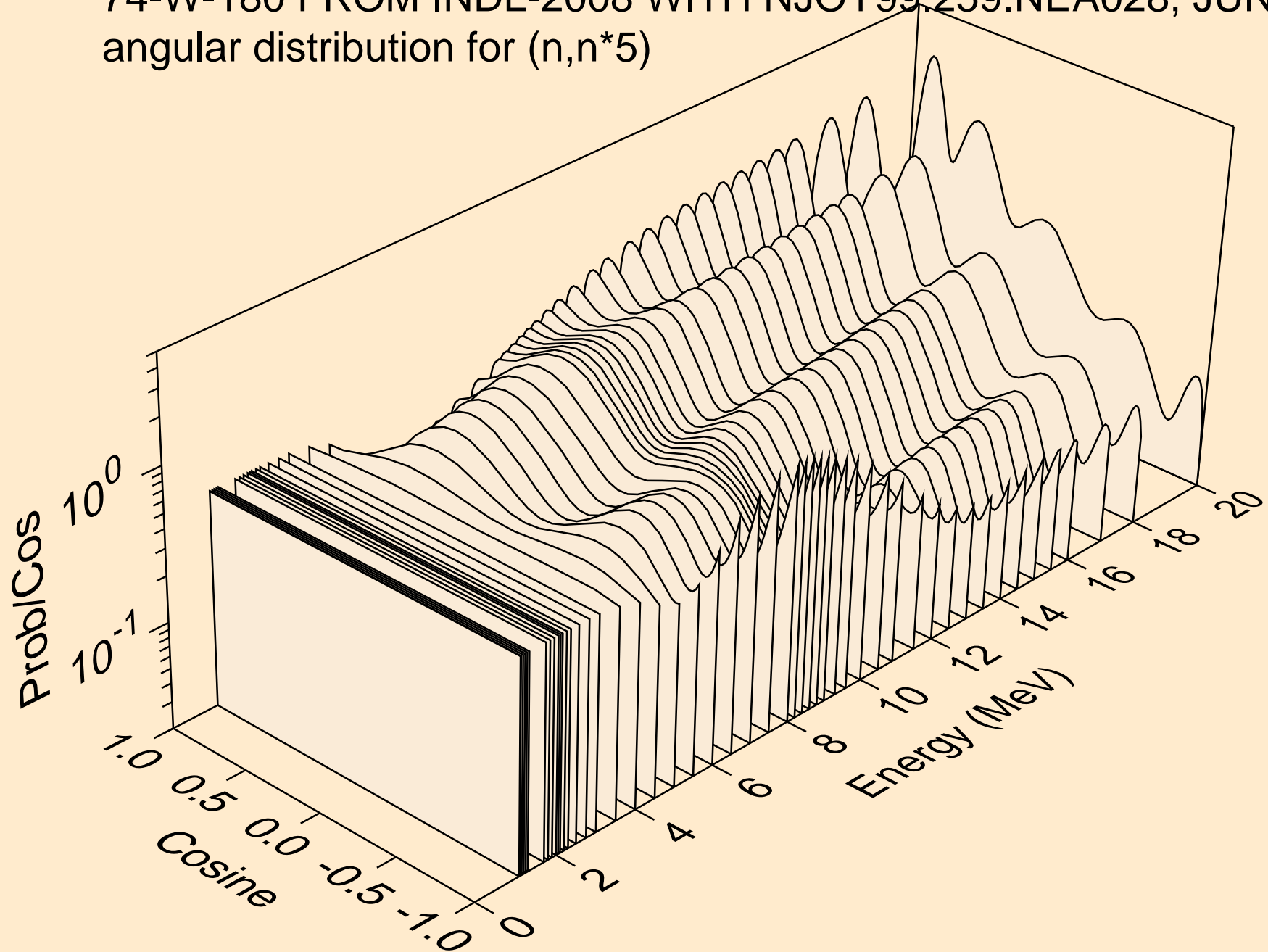


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*4)



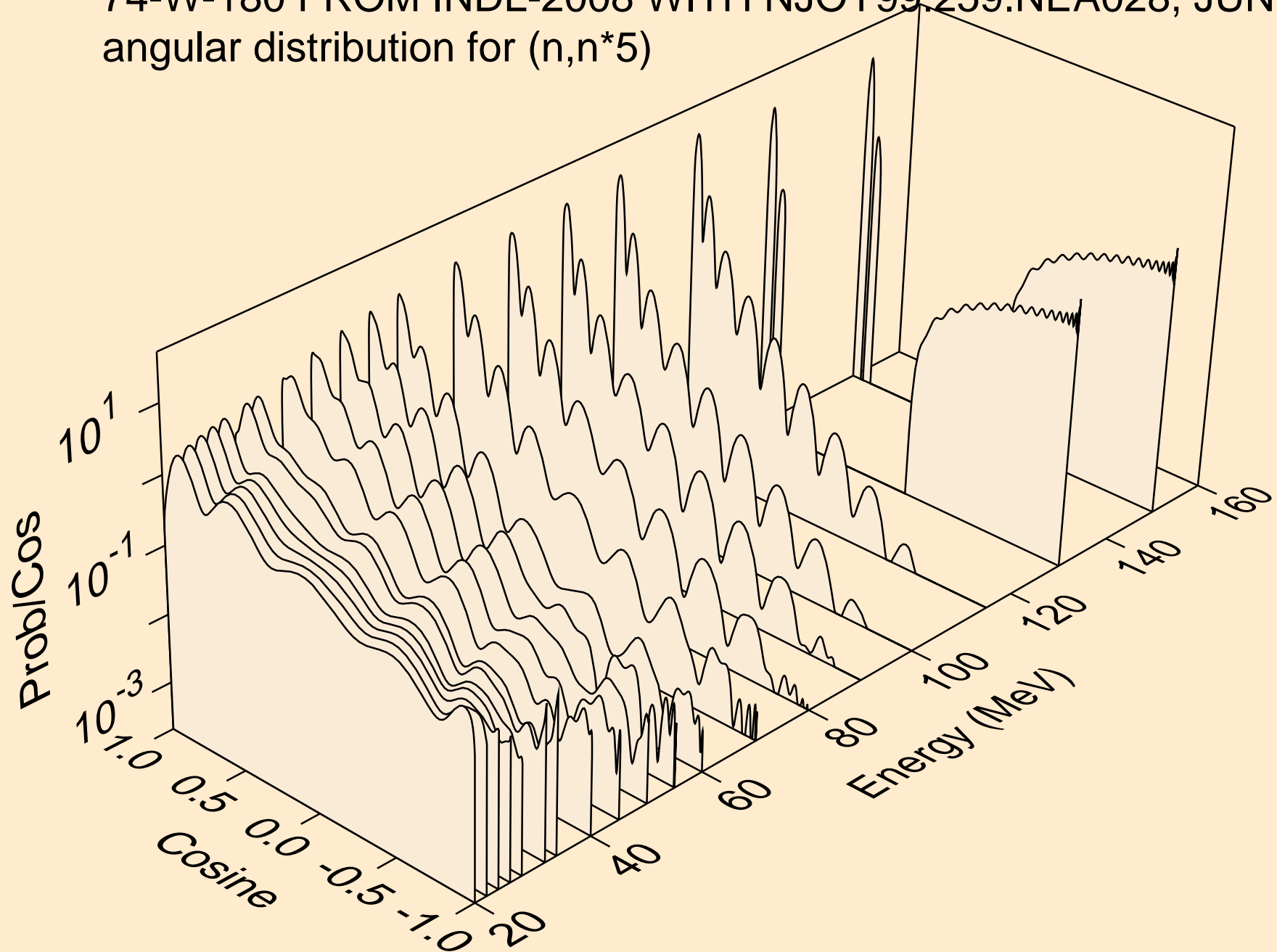


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*5)

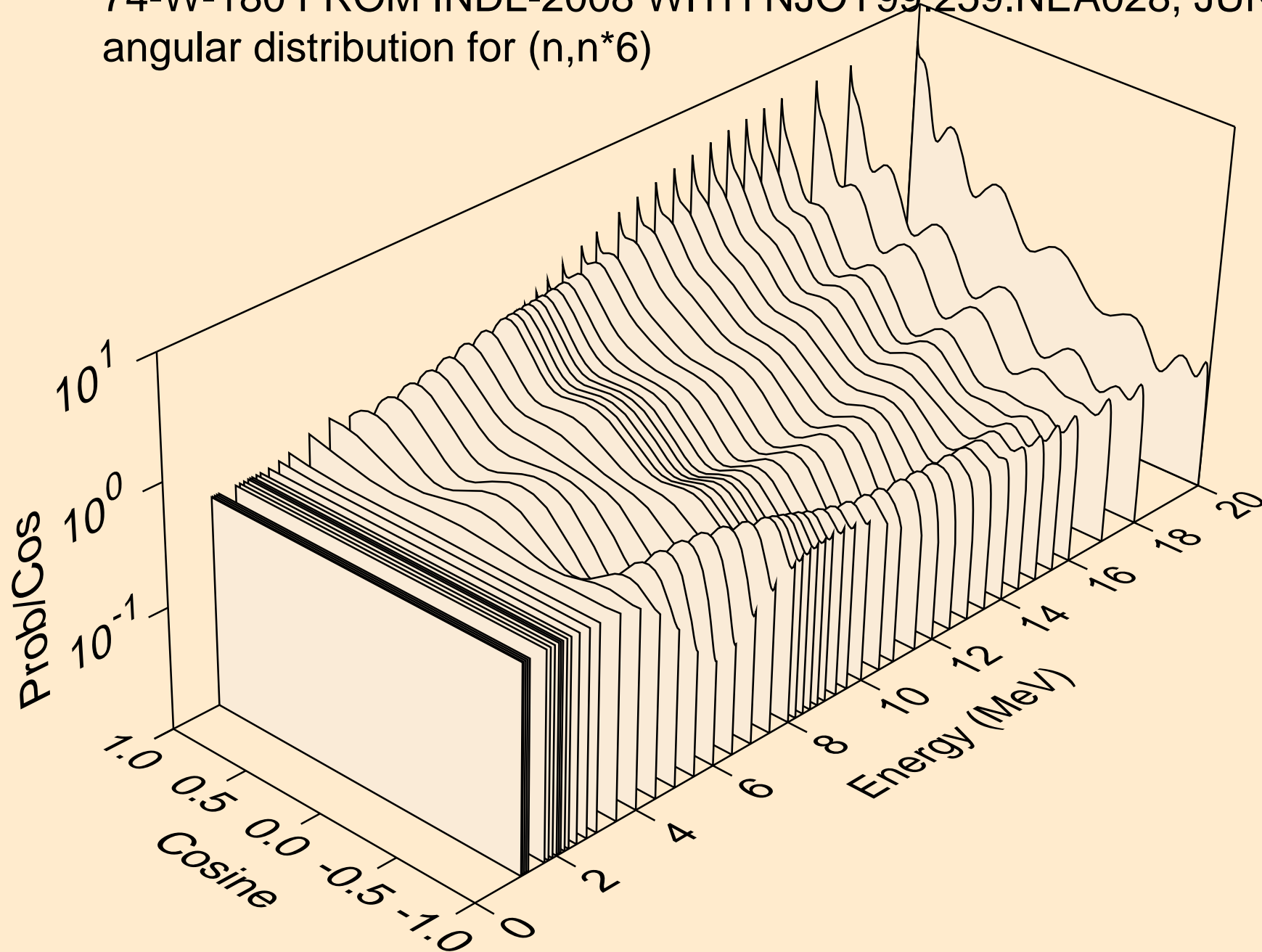




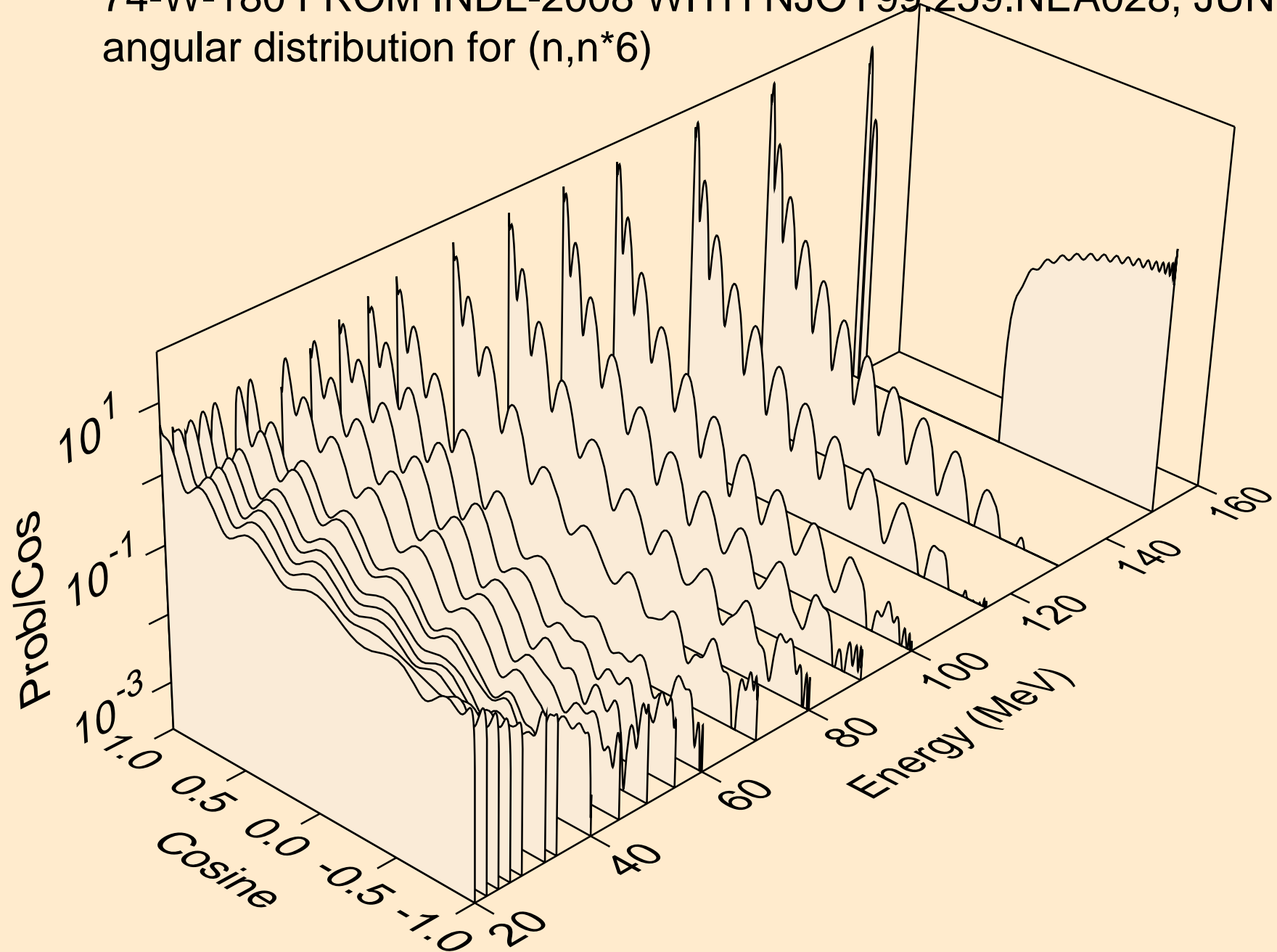
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*5)



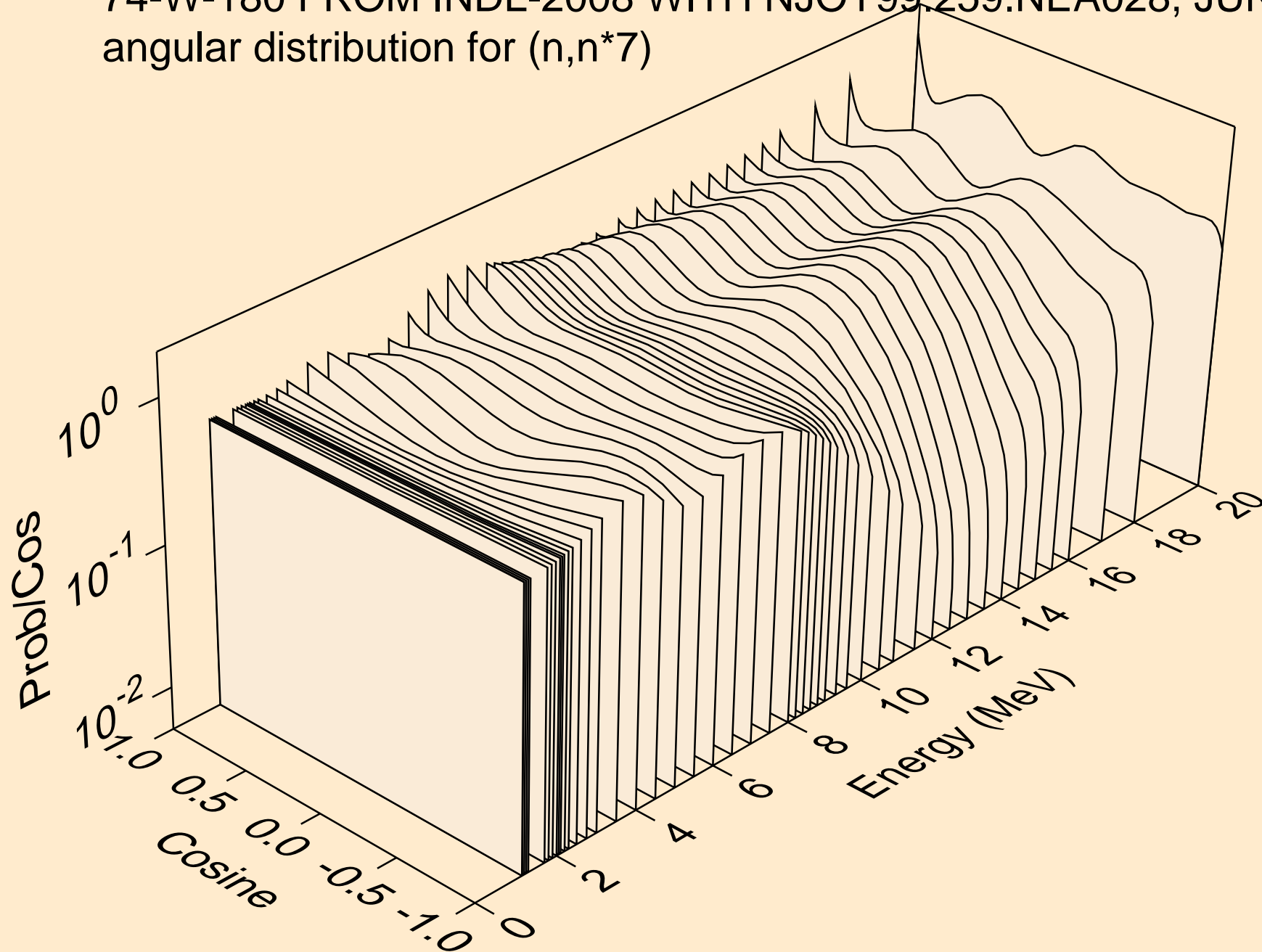
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*6)



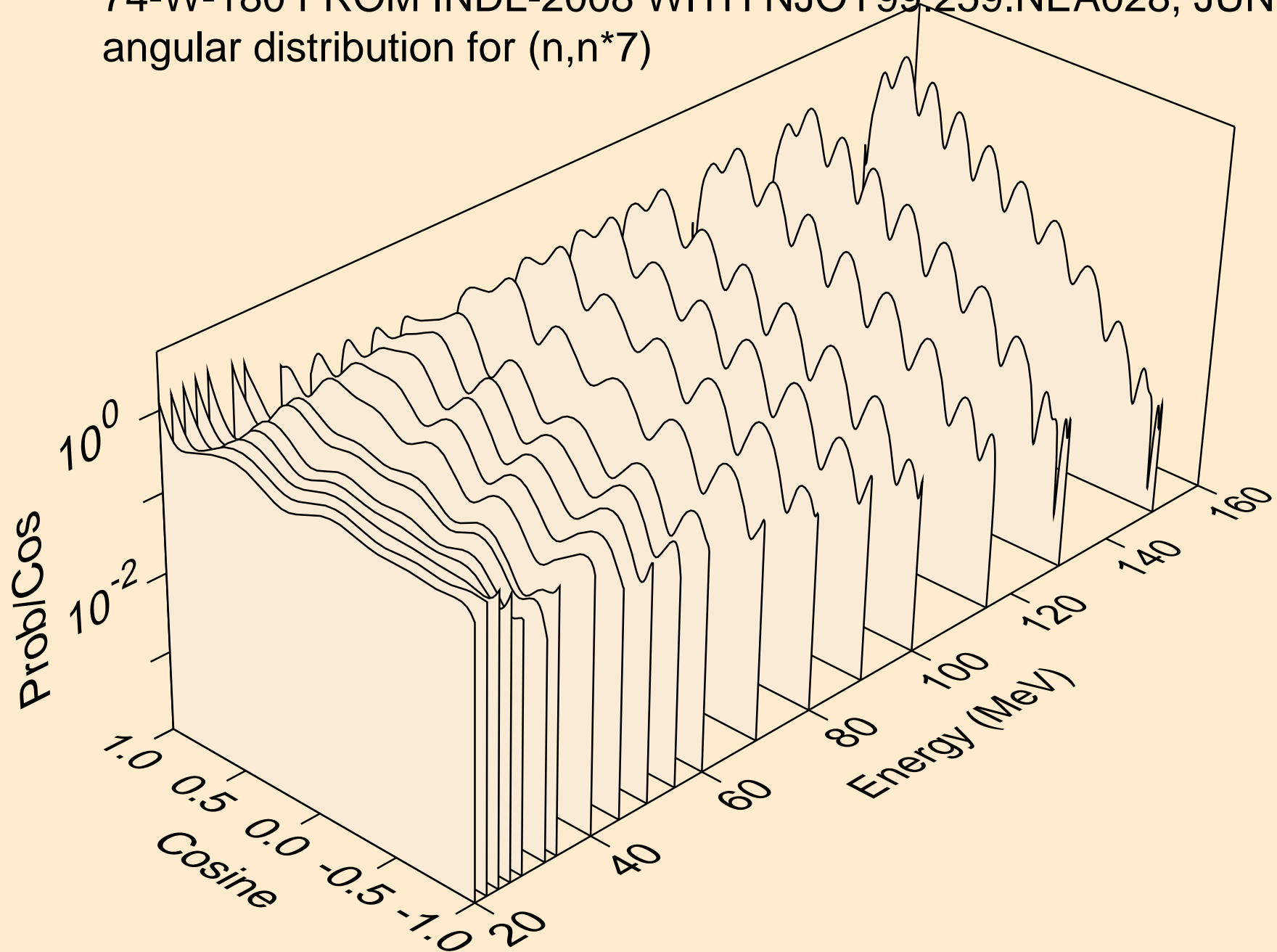
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*6)



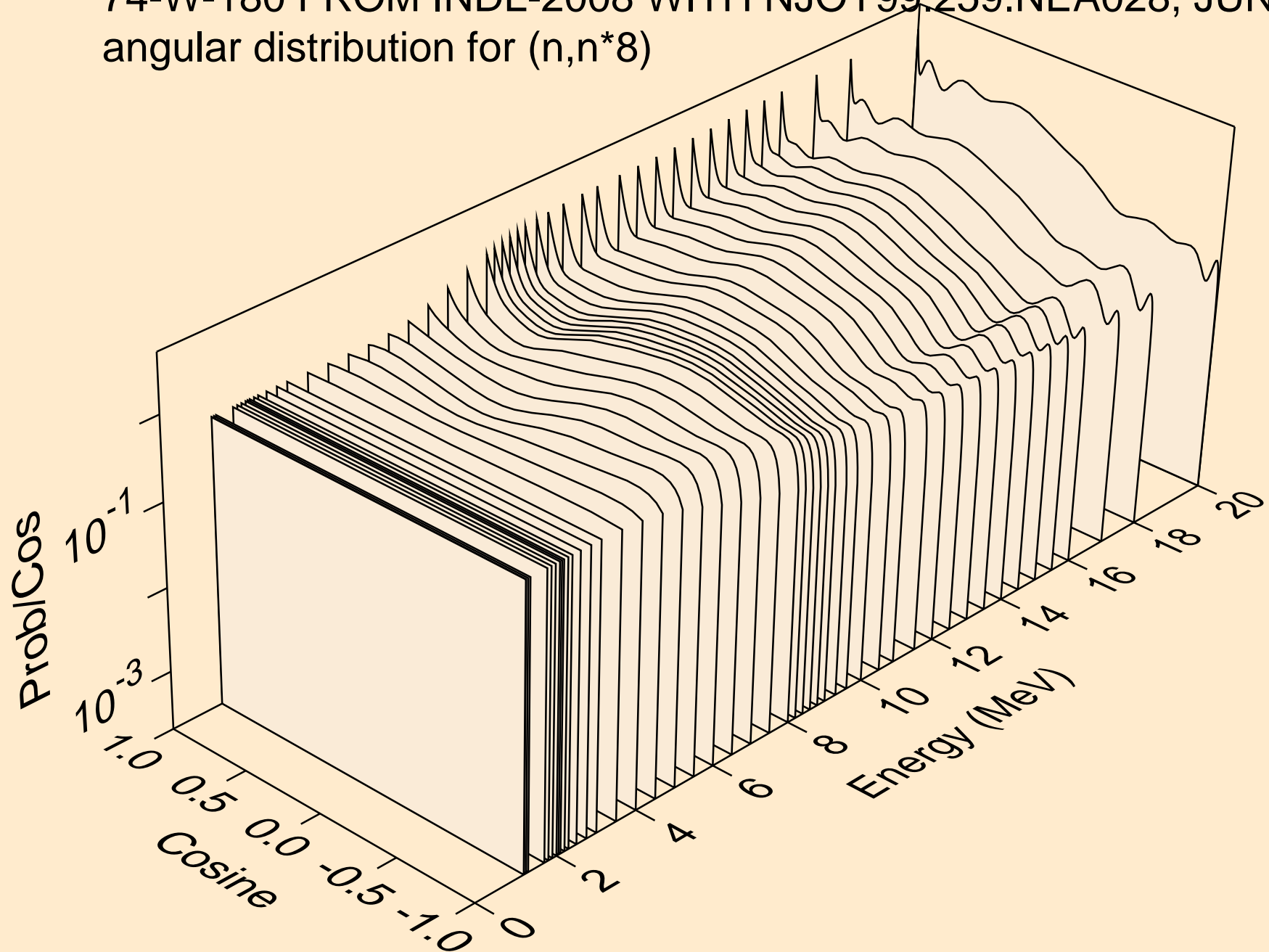
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*7)



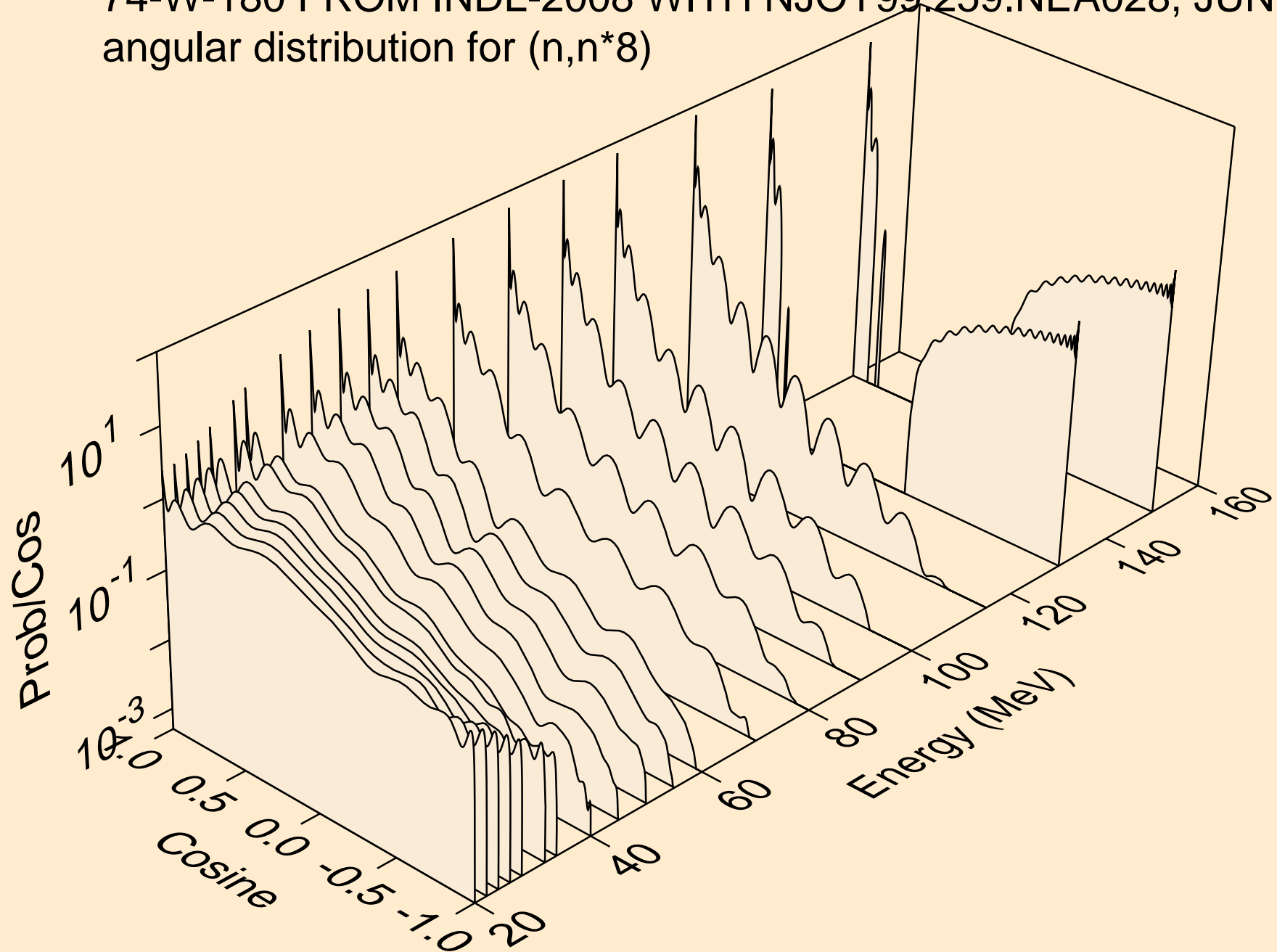
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*7)



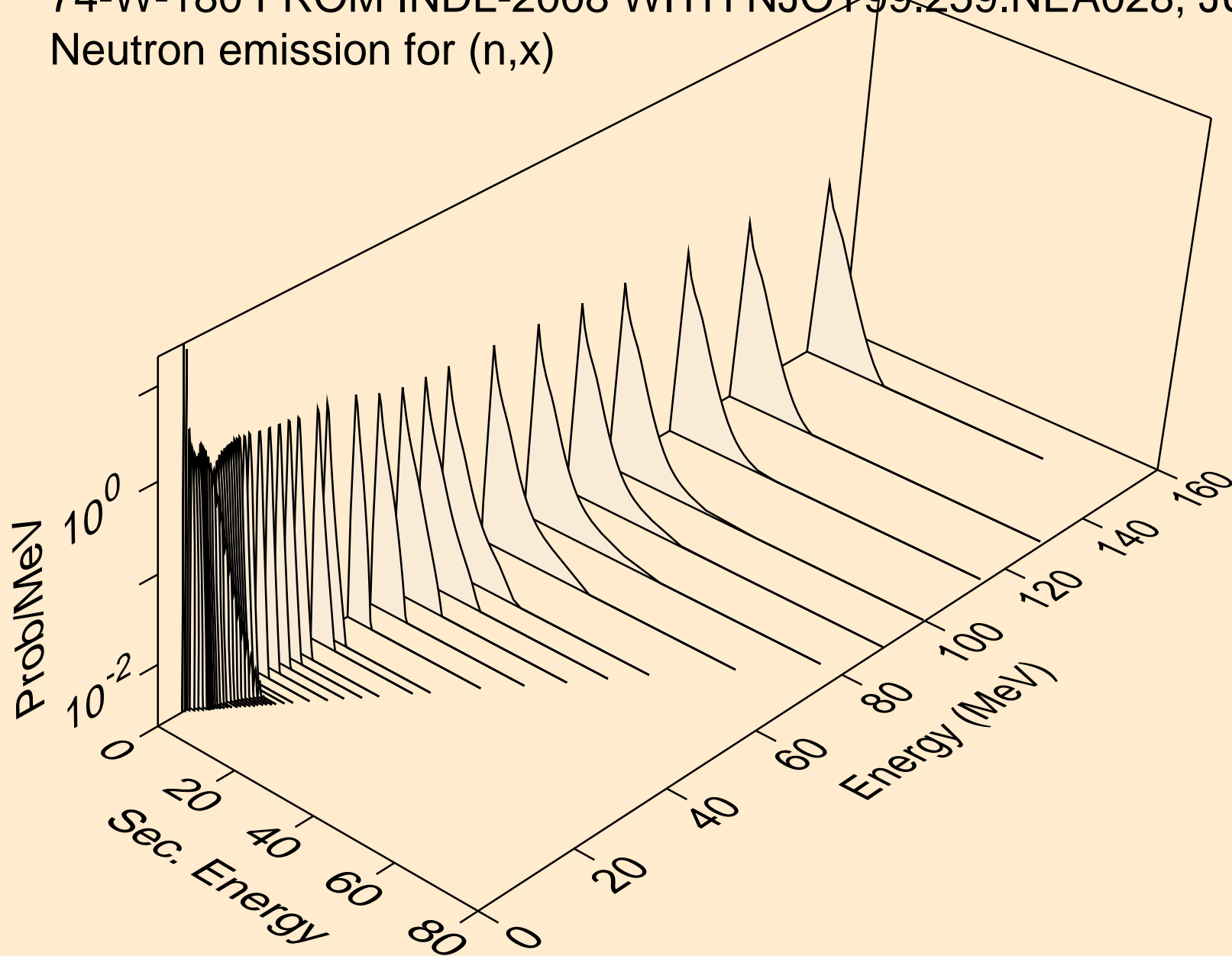
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*8)



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,n\*8)

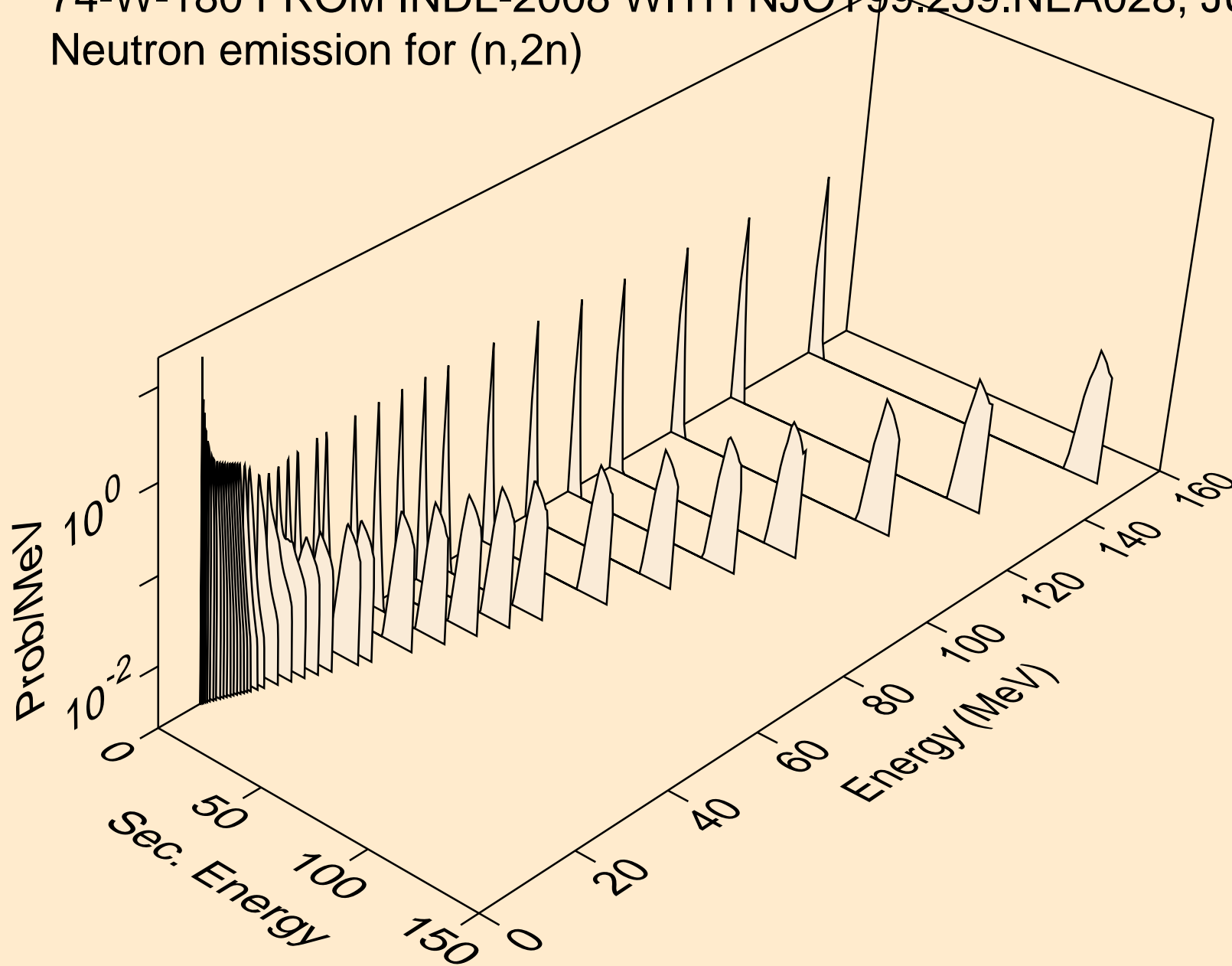


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Neutron emission for (n,x)

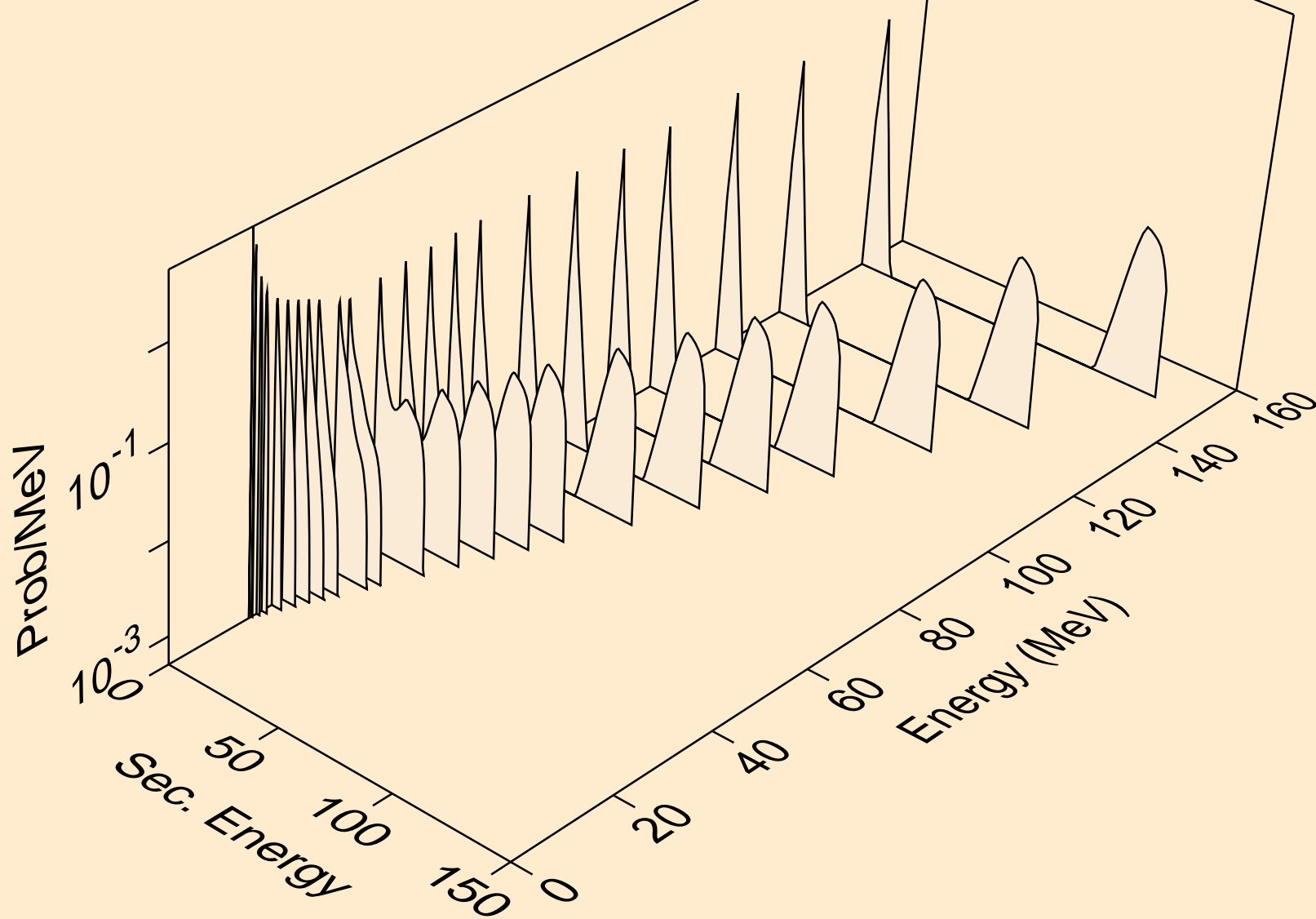




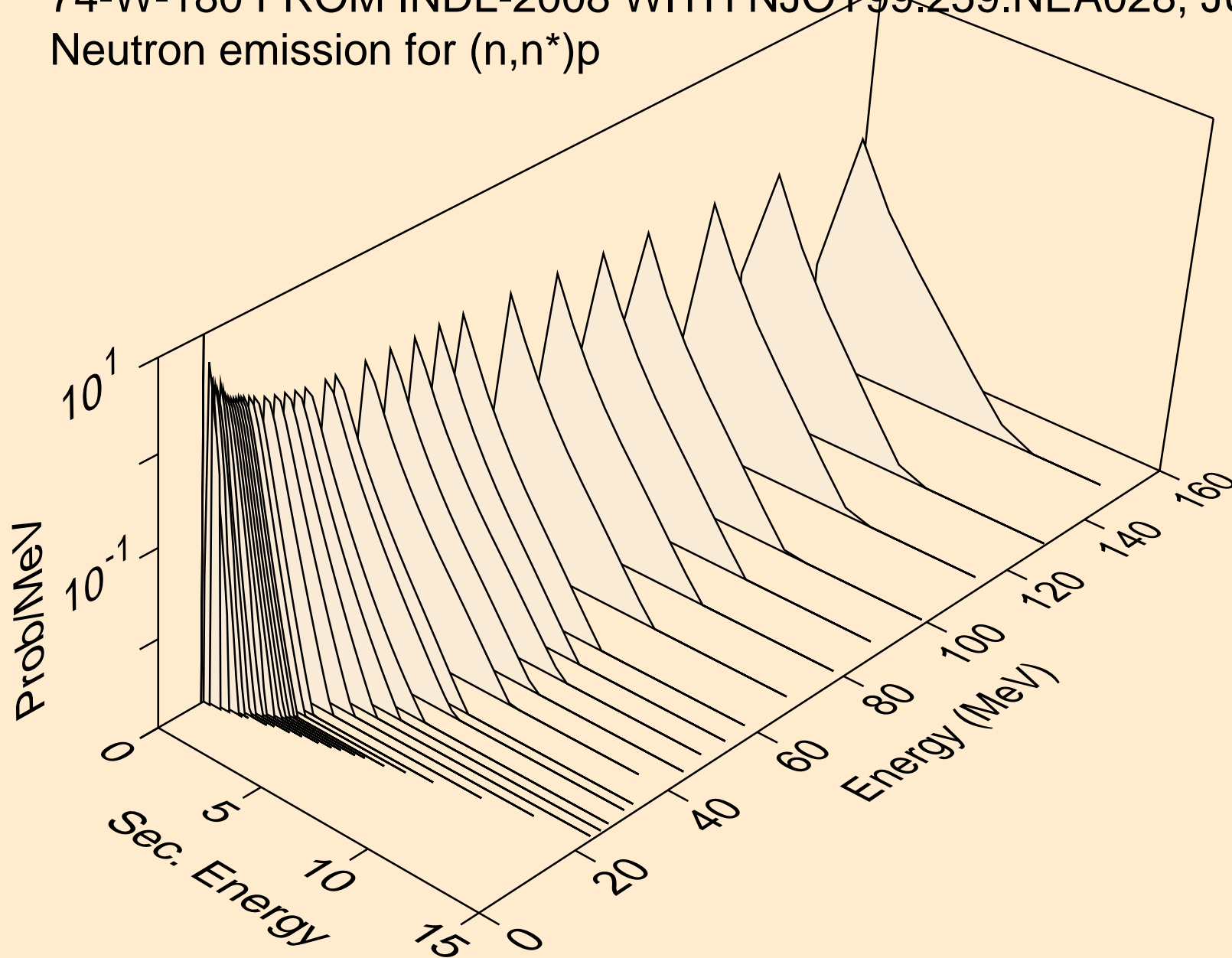
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Neutron emission for (n,2n)



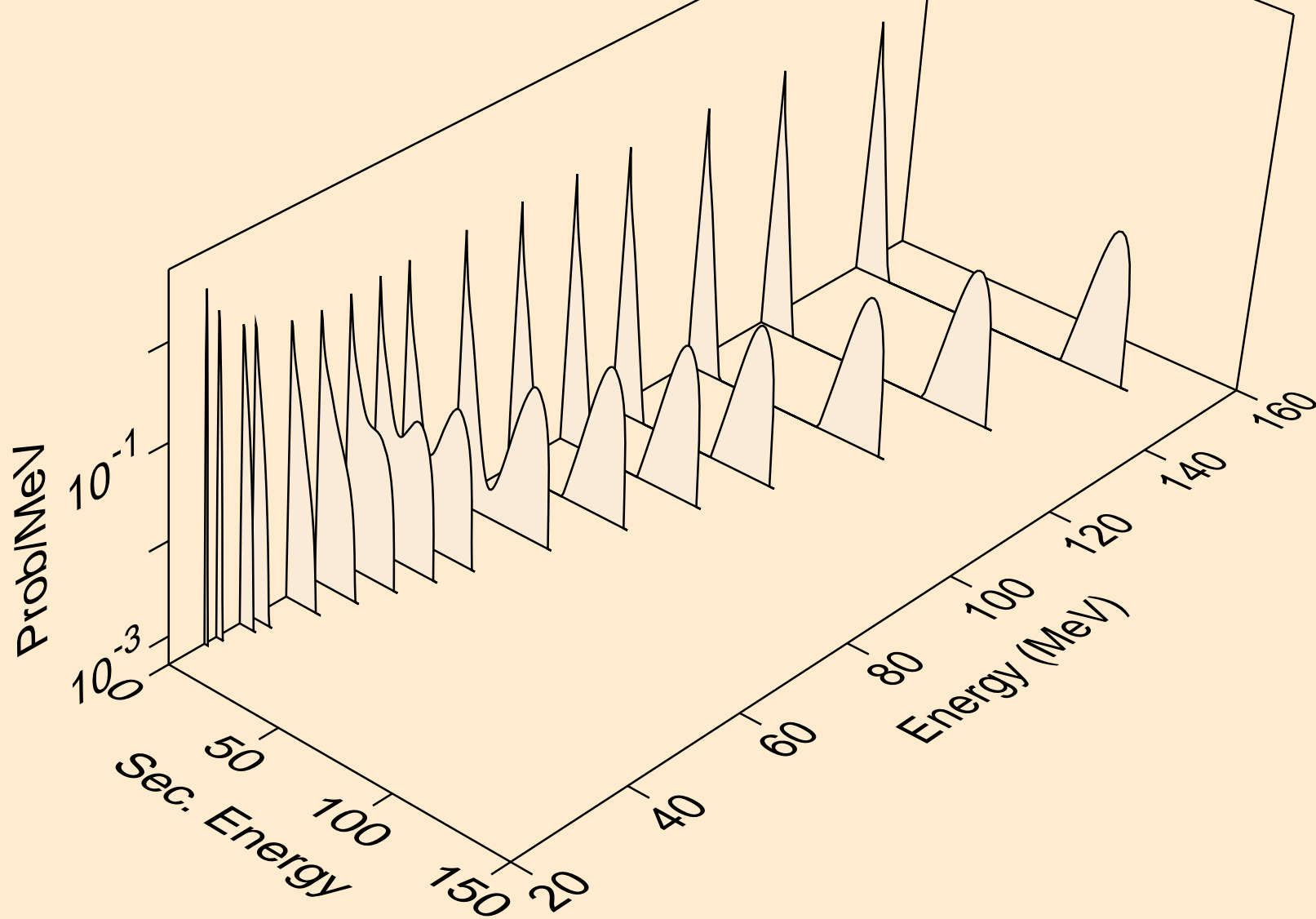
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Neutron emission for (n,3n)



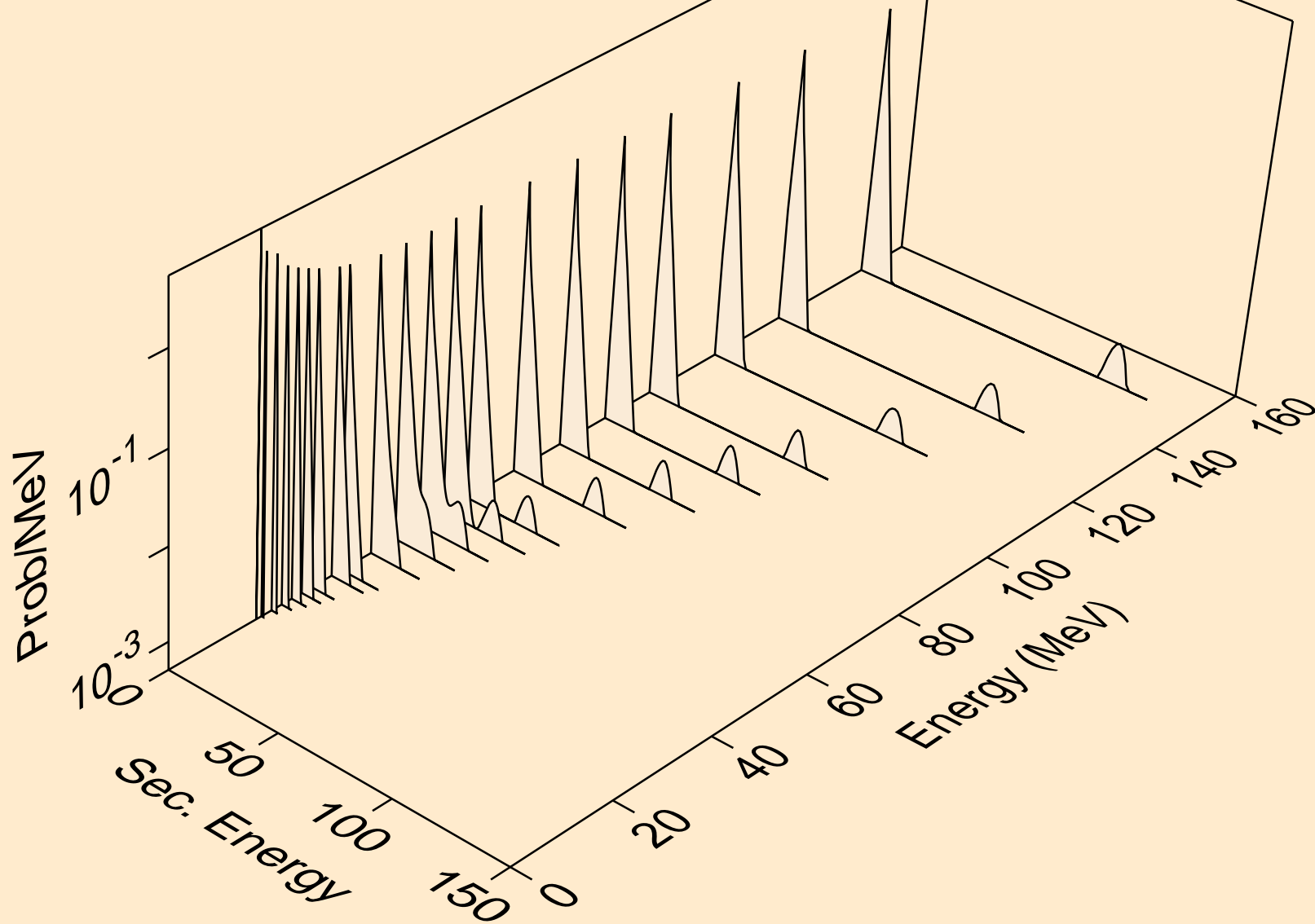
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Neutron emission for  $(n,n^*)p$



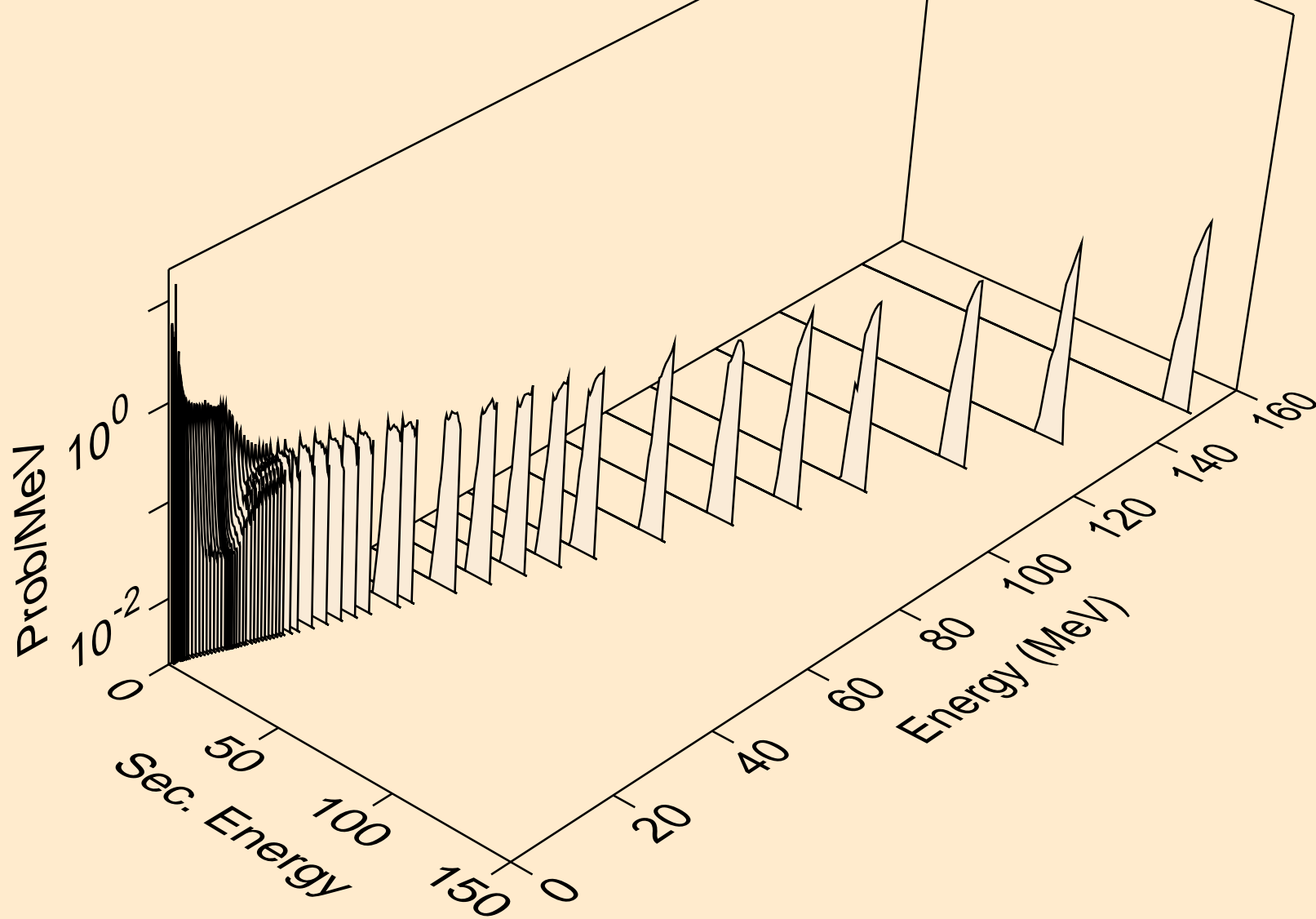
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Neutron emission for (n,4n)



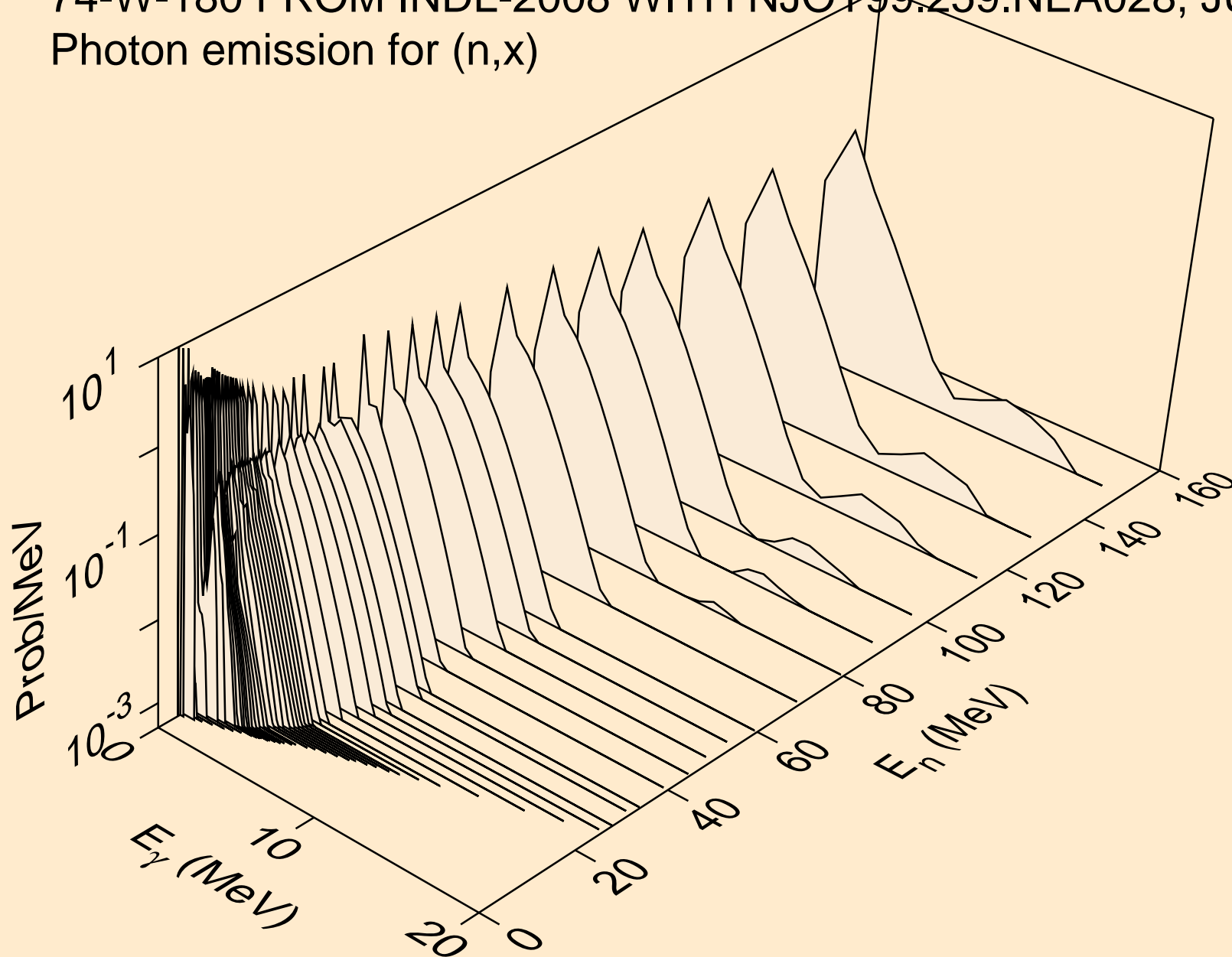
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Neutron emission for (n,2np)



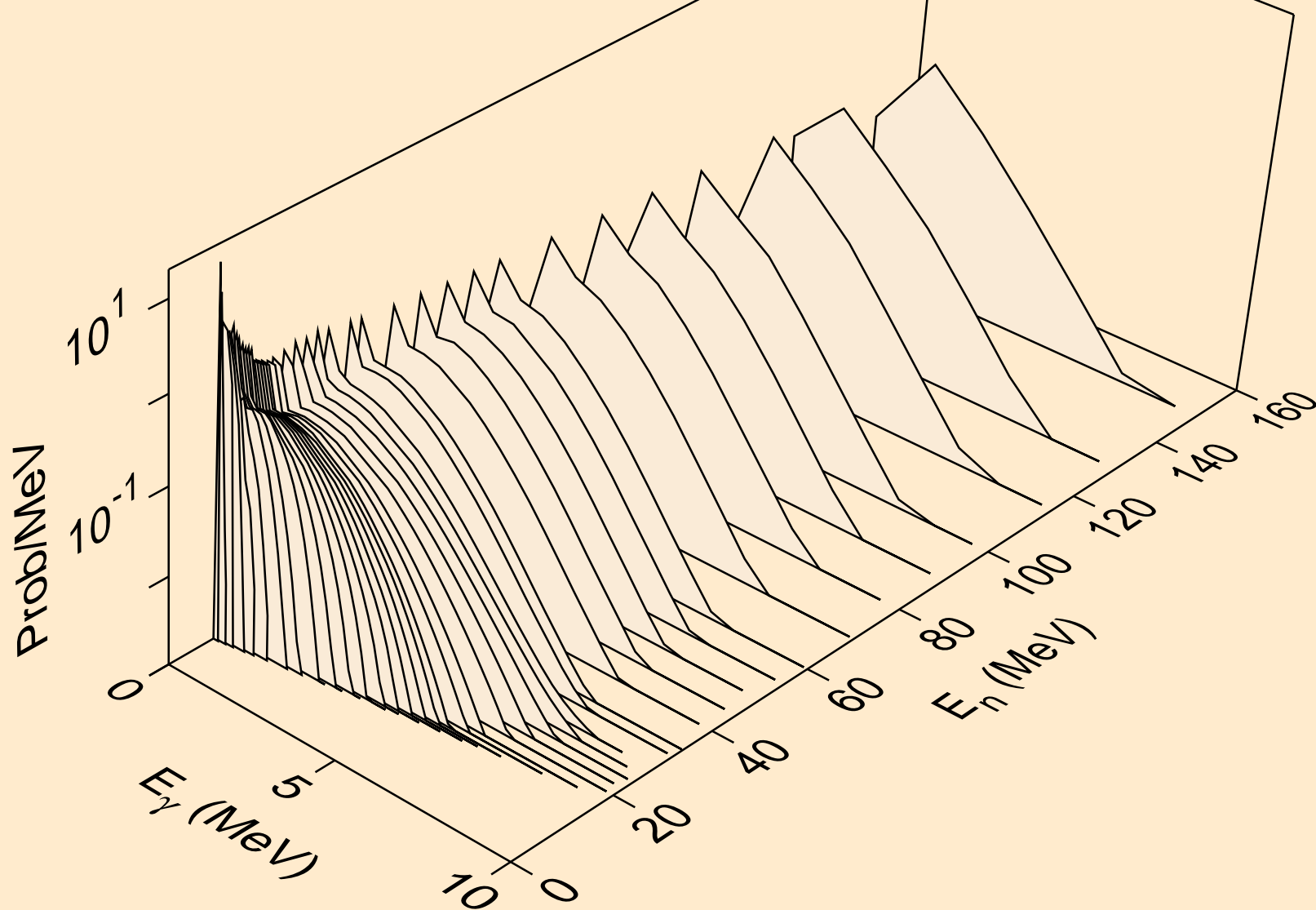
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Neutron emission for (n,n\*c)



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Photon emission for (n,x)

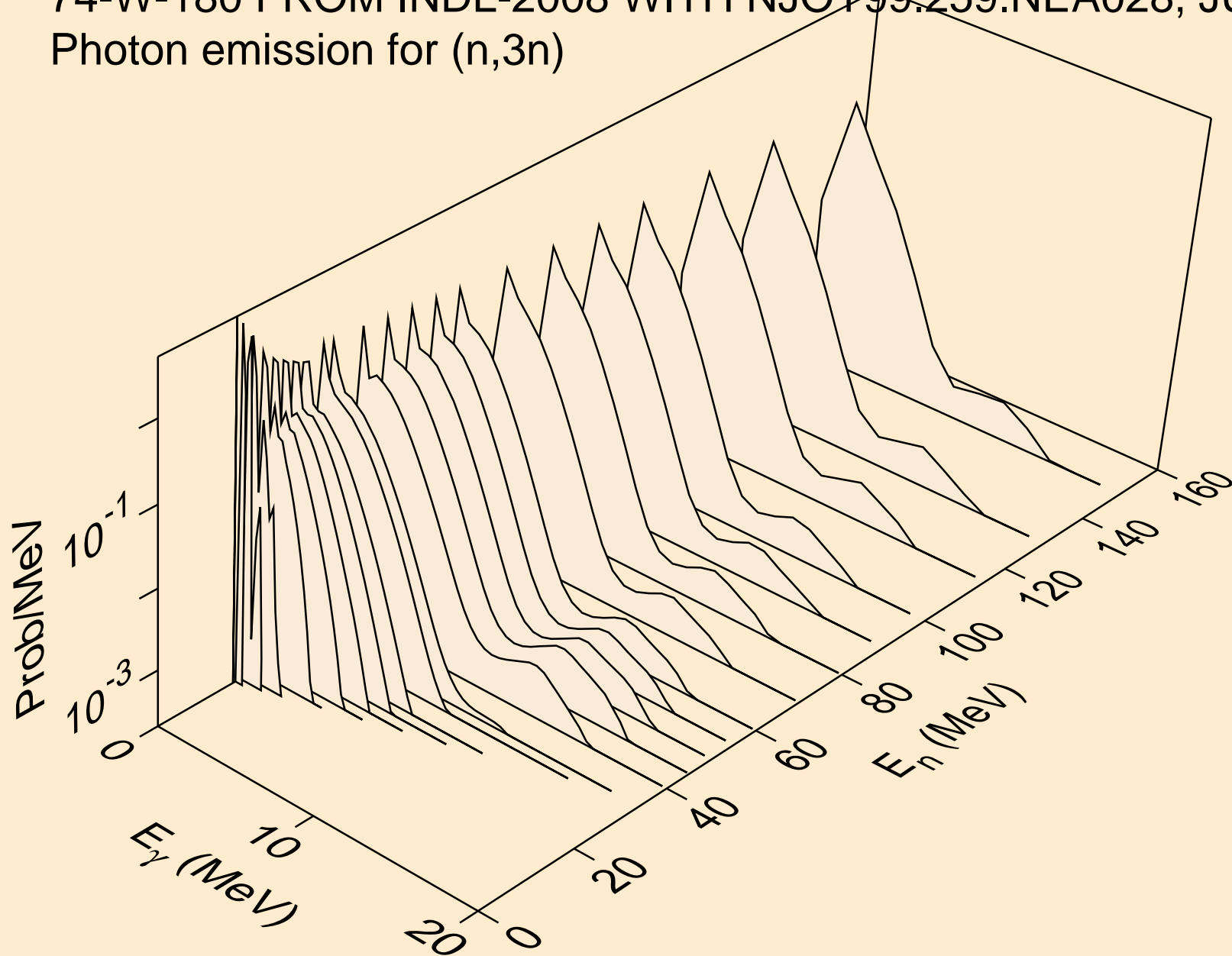


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Photon emission for (n,2n)

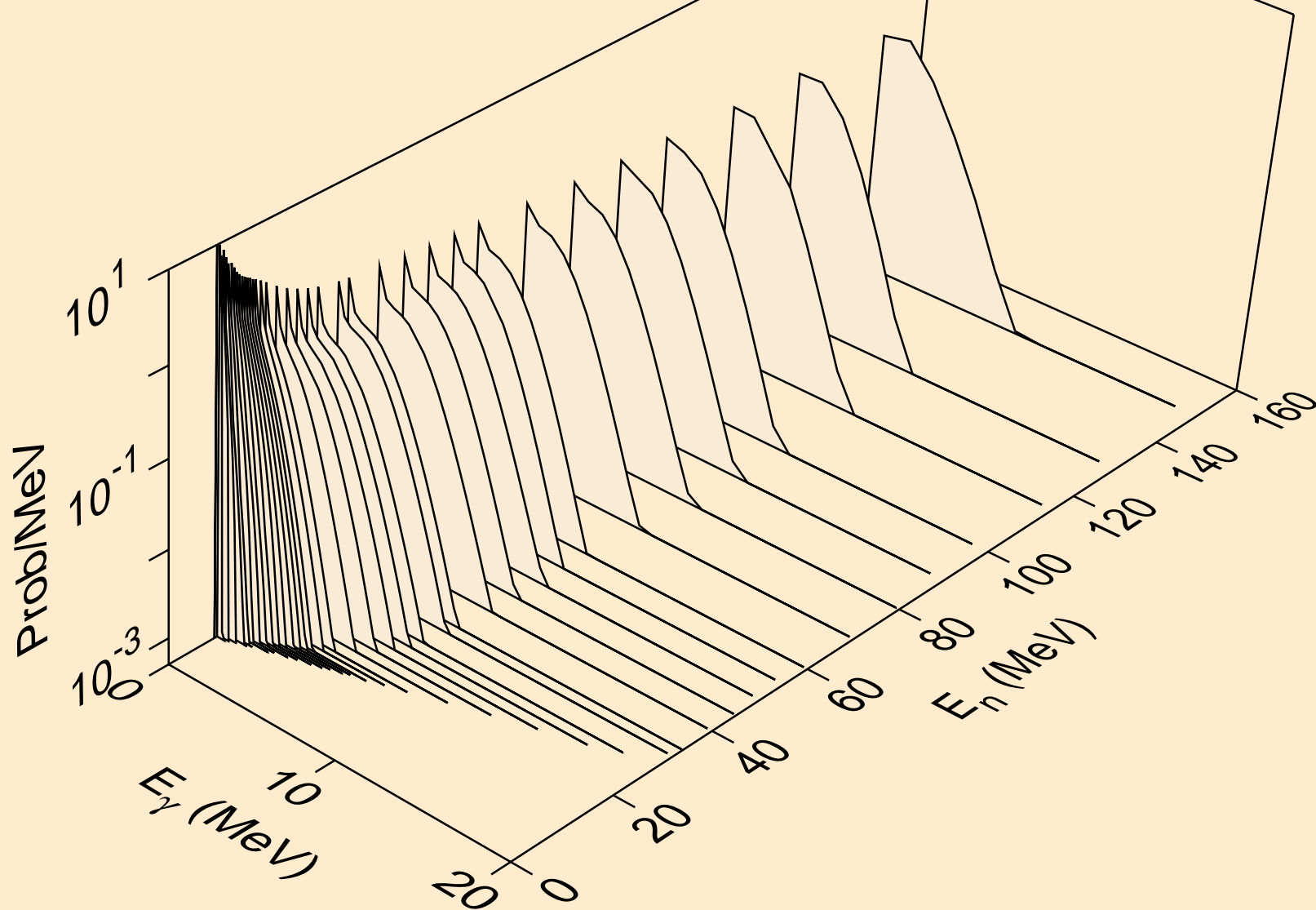




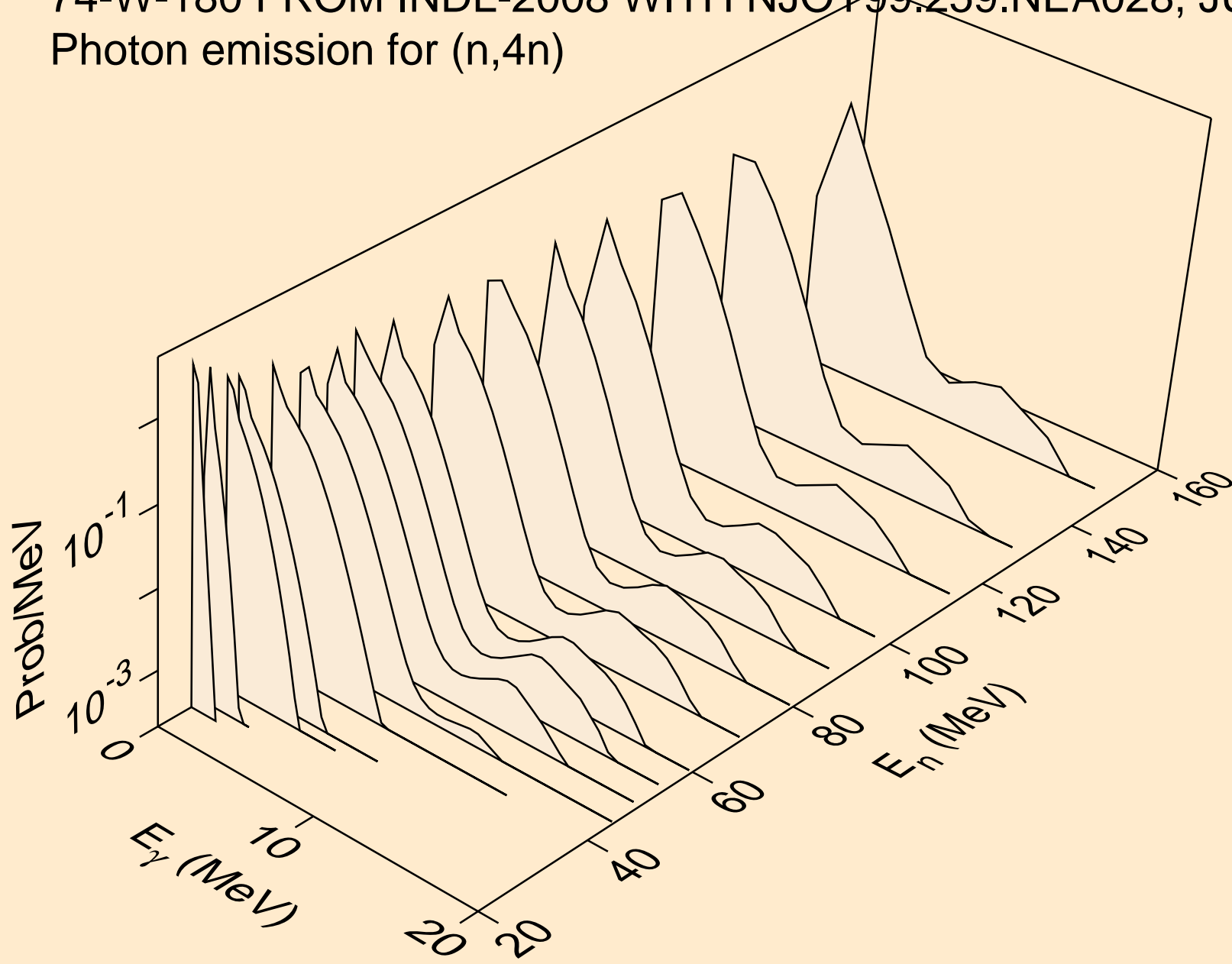
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Photon emission for (n,3n)



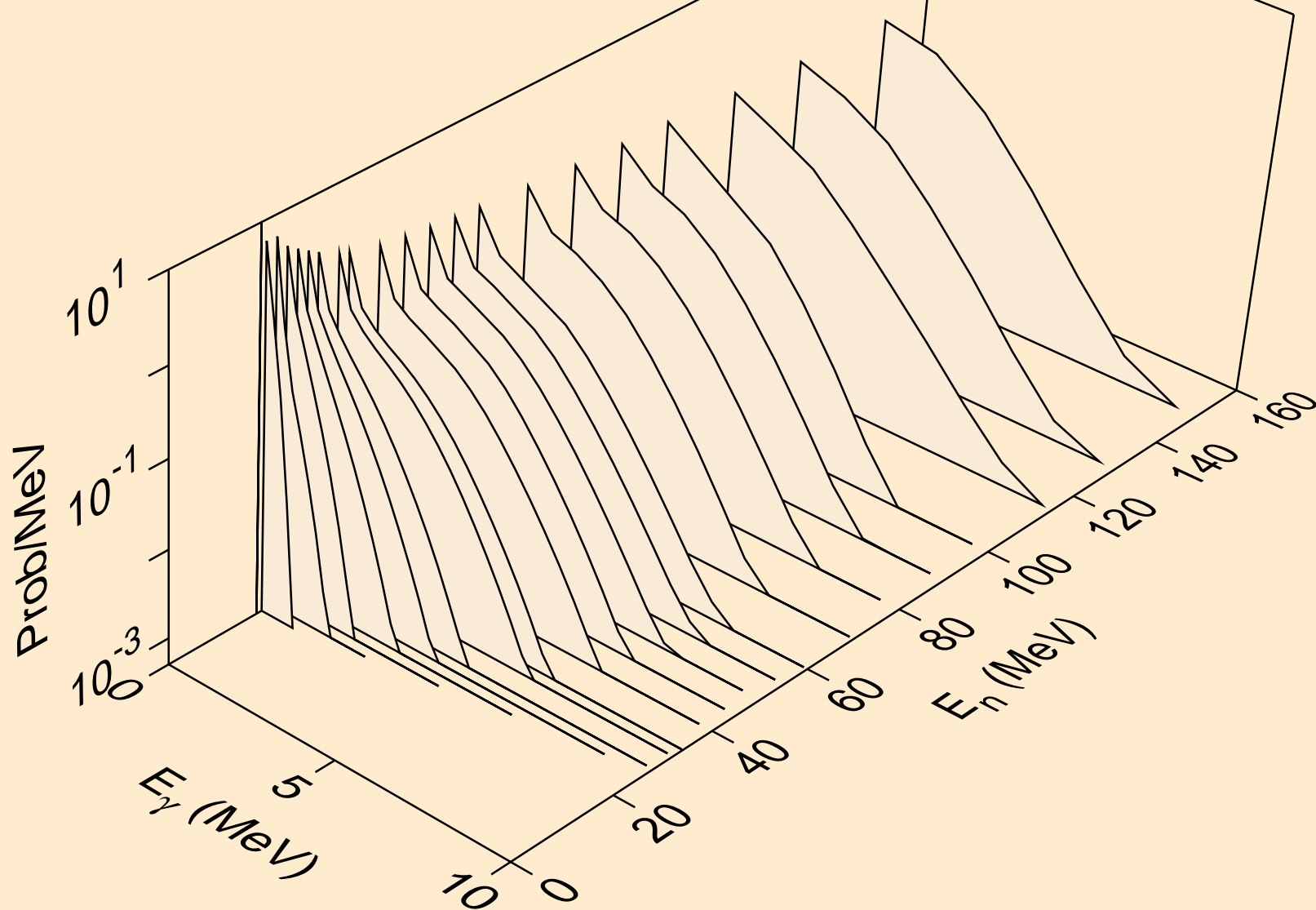
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Photon emission for (n,n\*)p



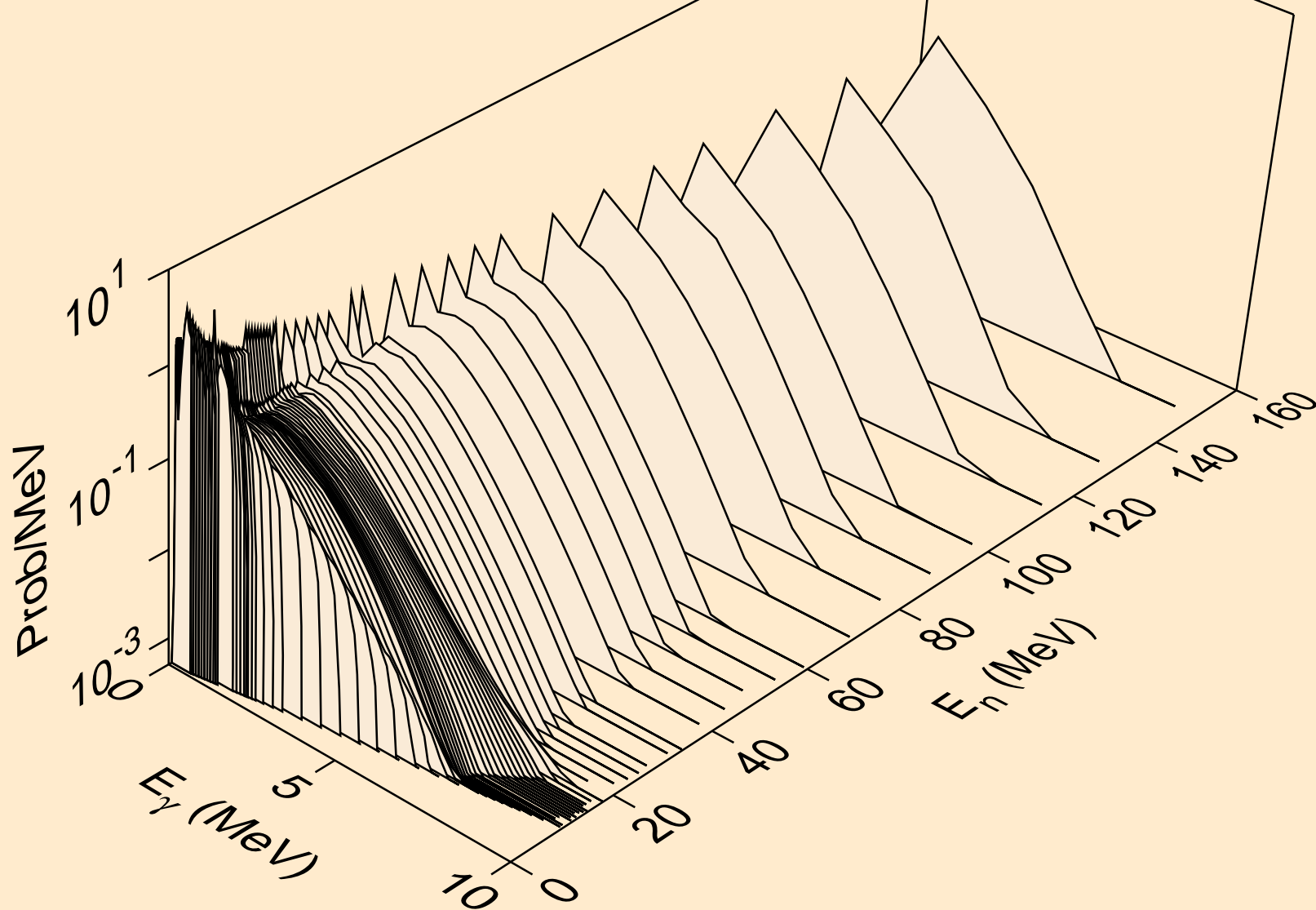
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Photon emission for (n,4n)



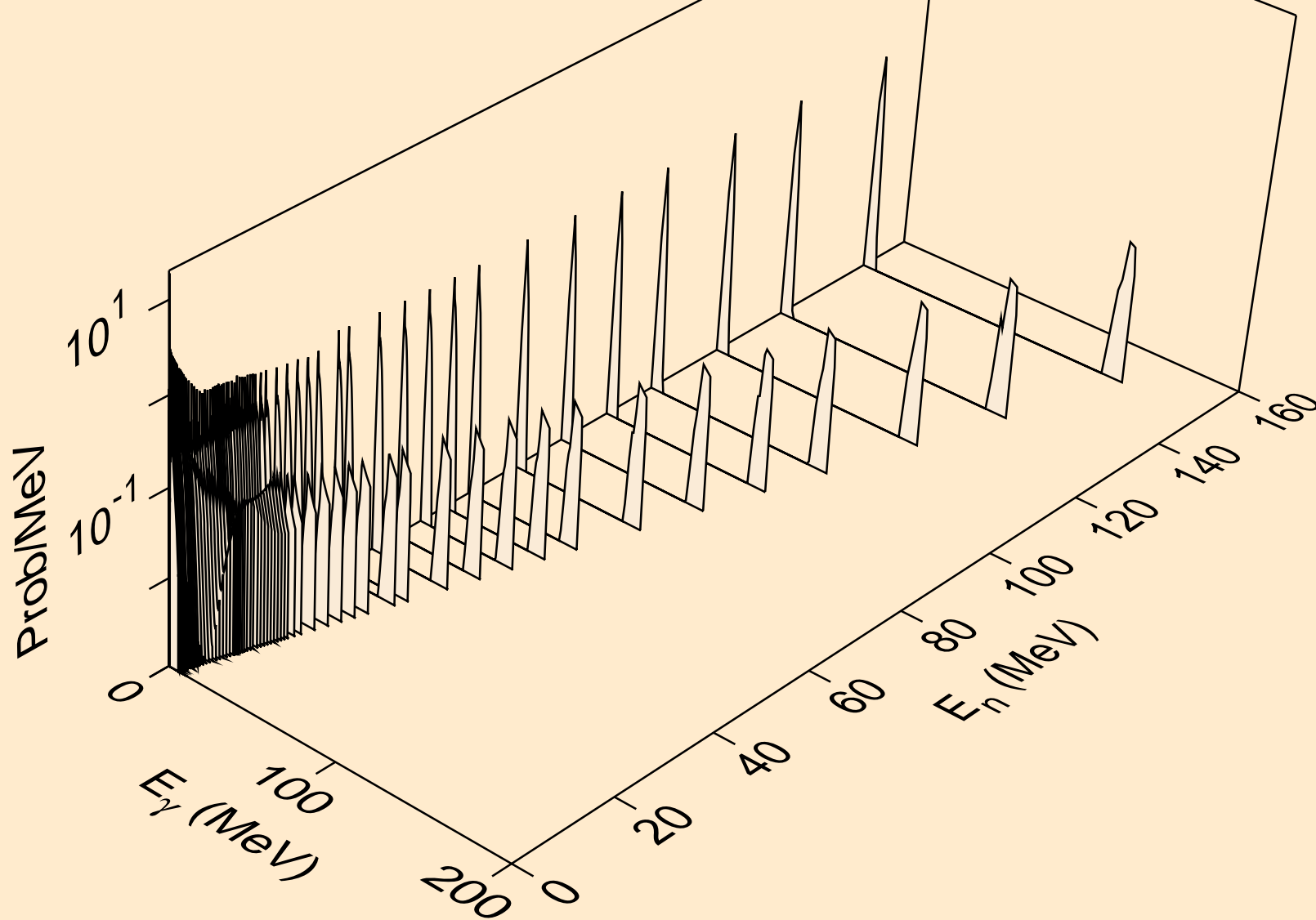
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Photon emission for (n,2np)



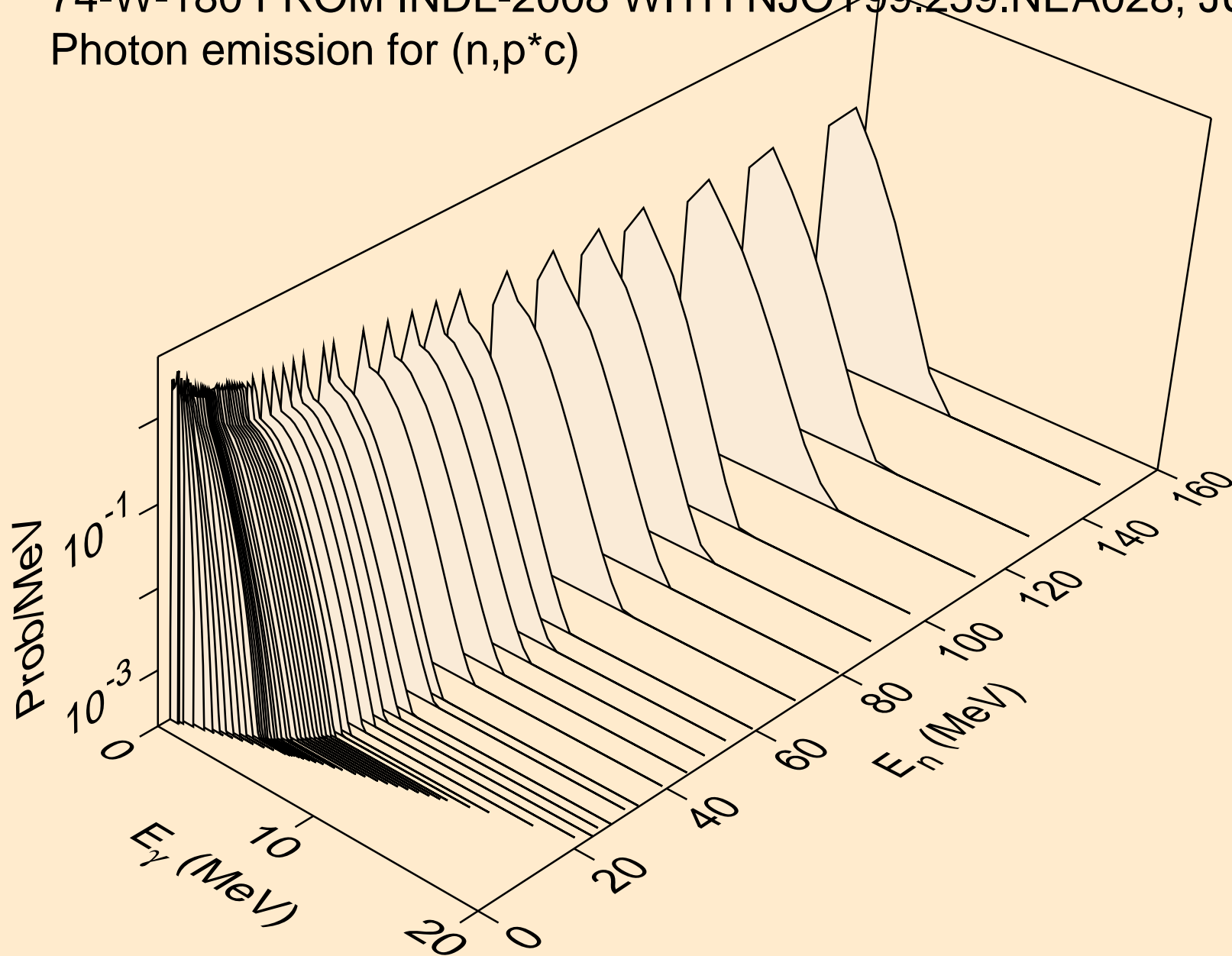
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Photon emission for (n,n\*c)



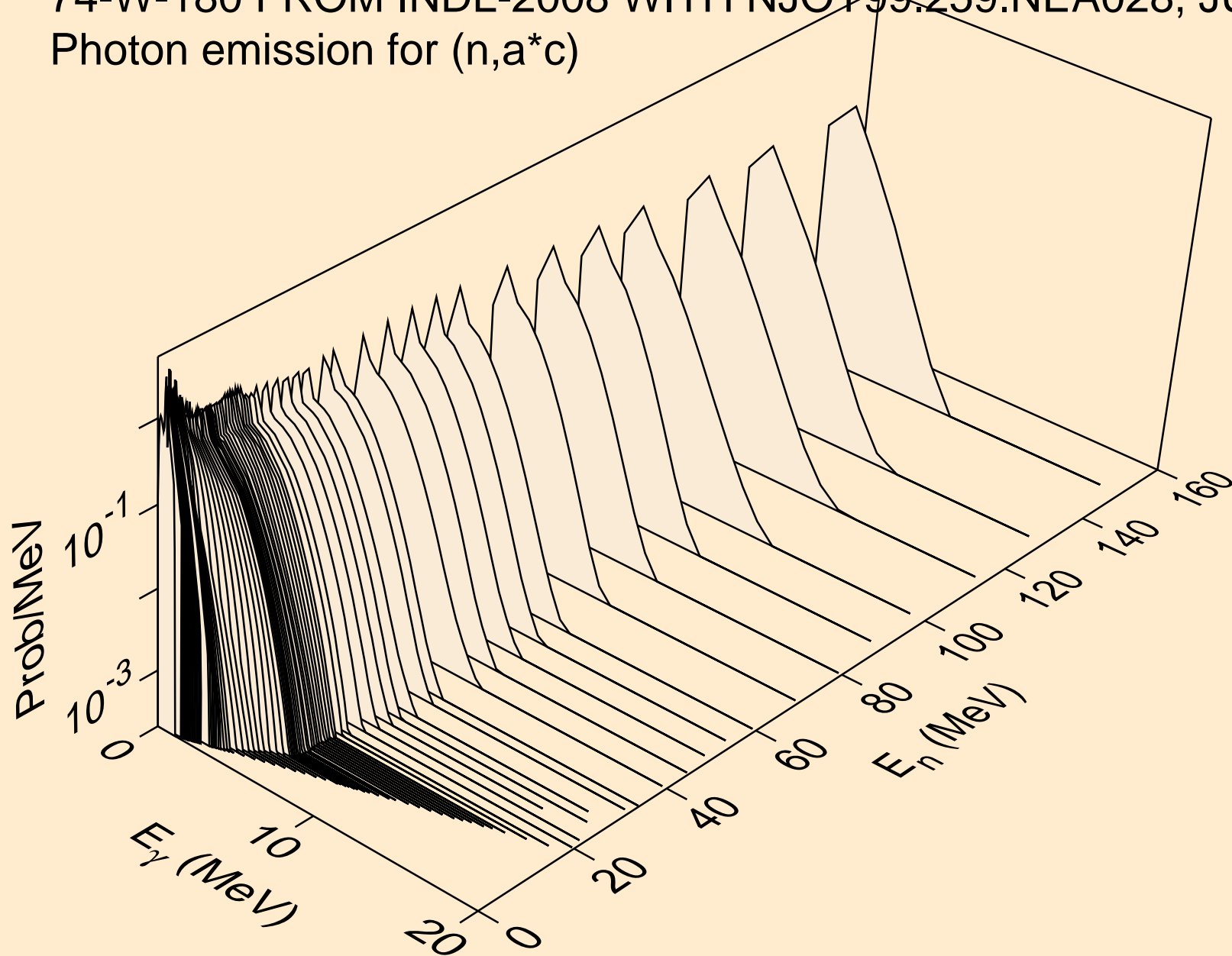
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Photon emission for (n,gma)



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Photon emission for (n,p\*c)

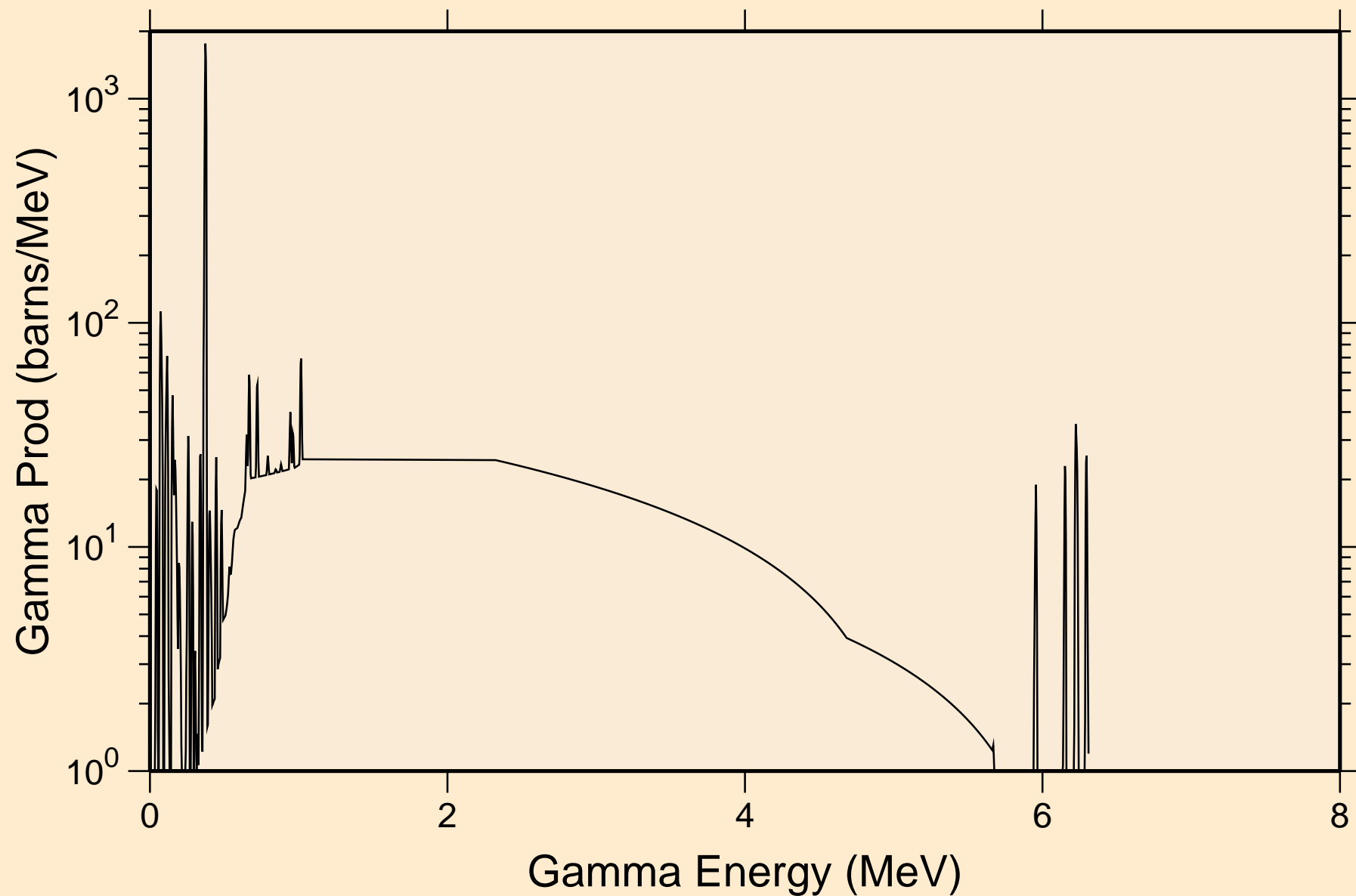


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Photon emission for (n,a\*c)

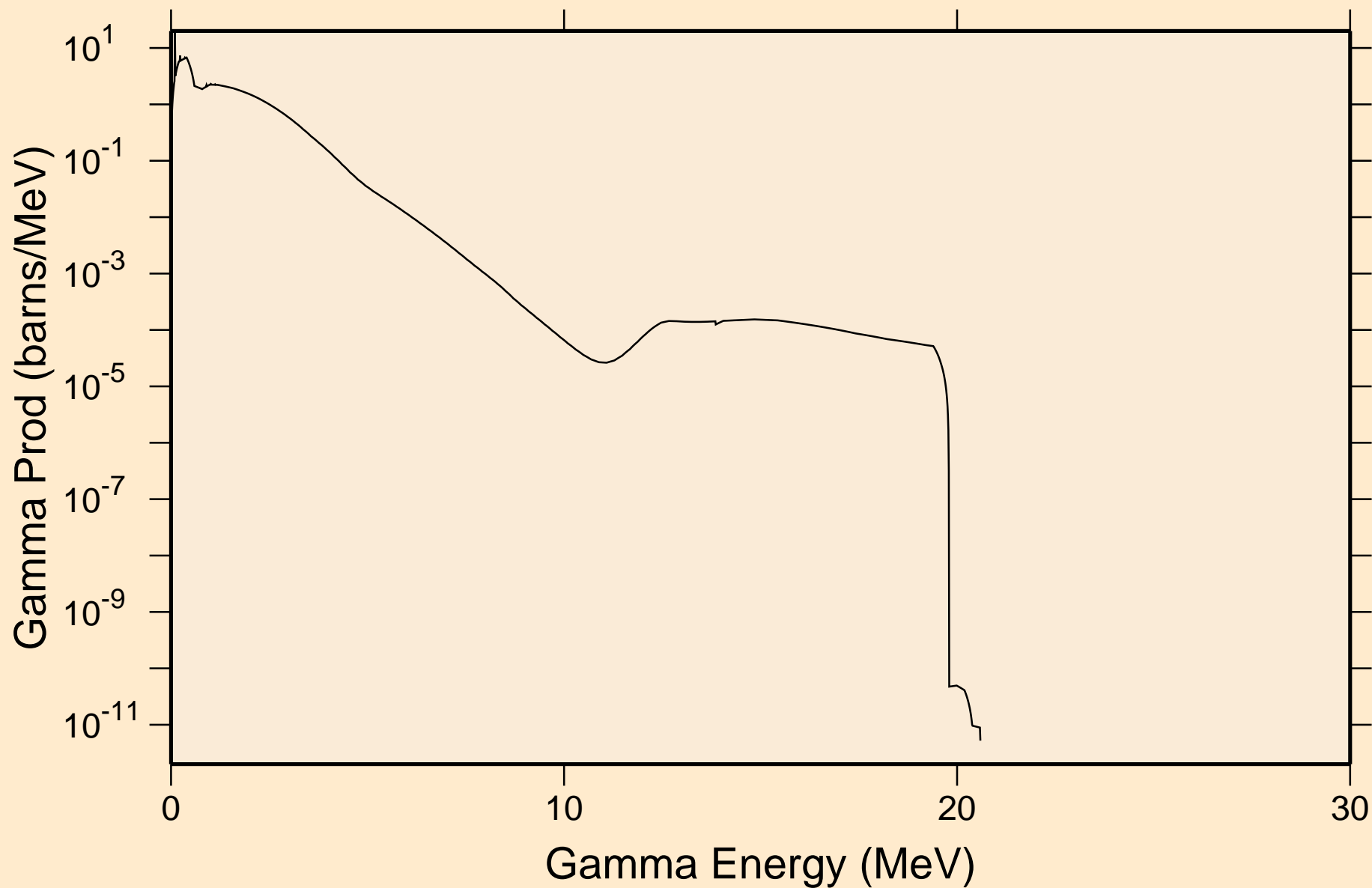




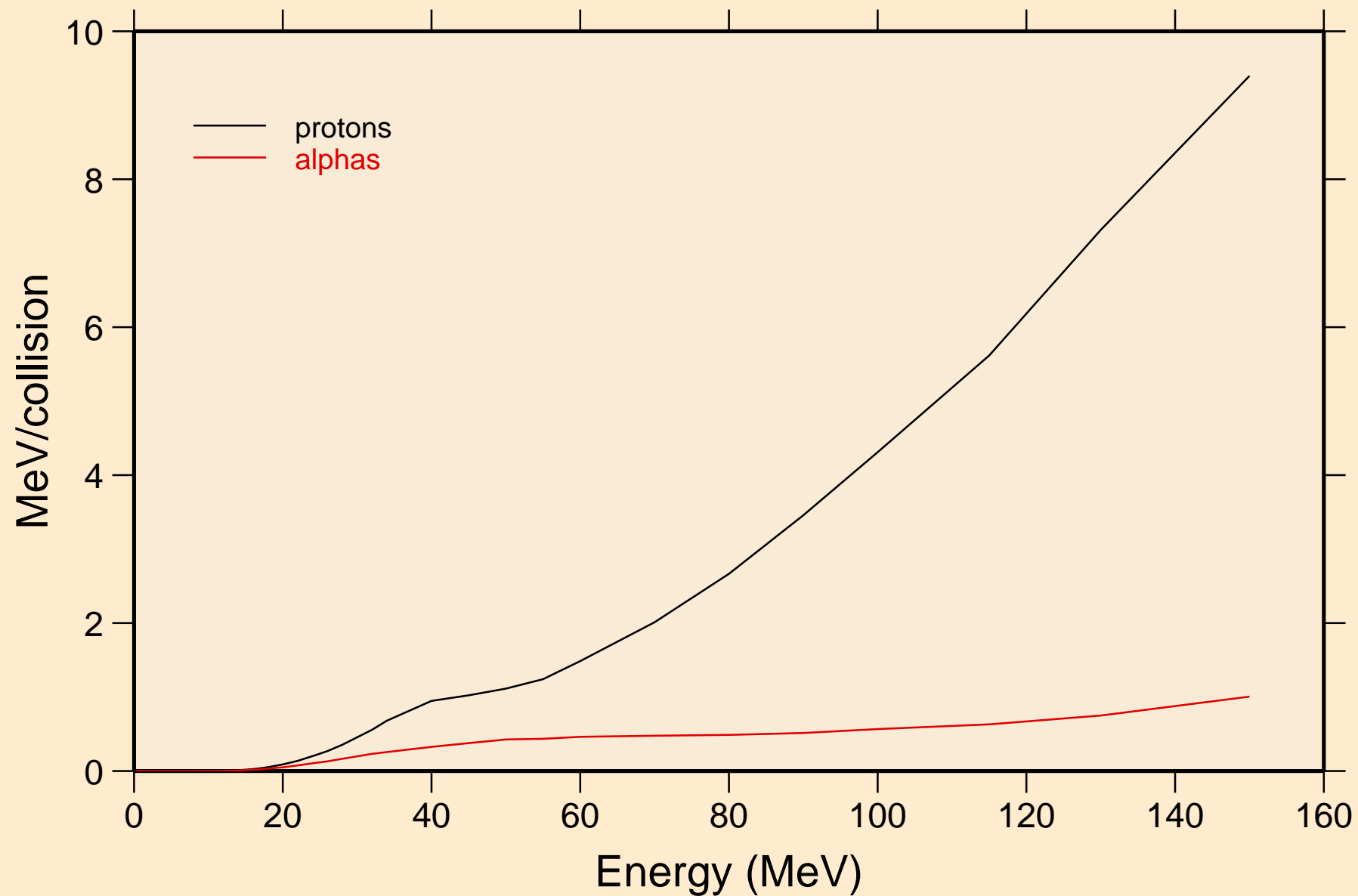
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
thermal capture photon spectrum



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2006  
14 MeV photon spectrum

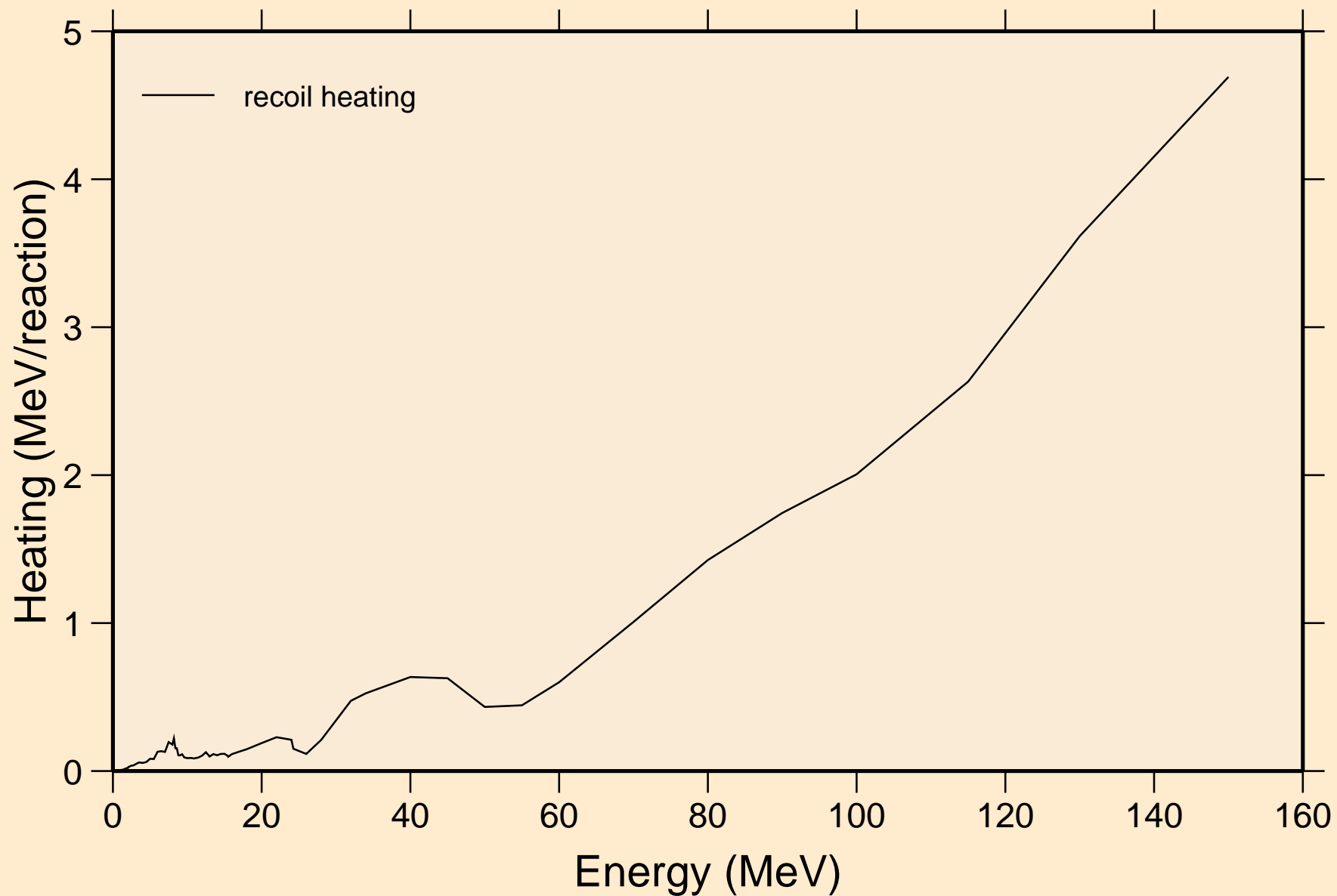


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
Particle heating contributions



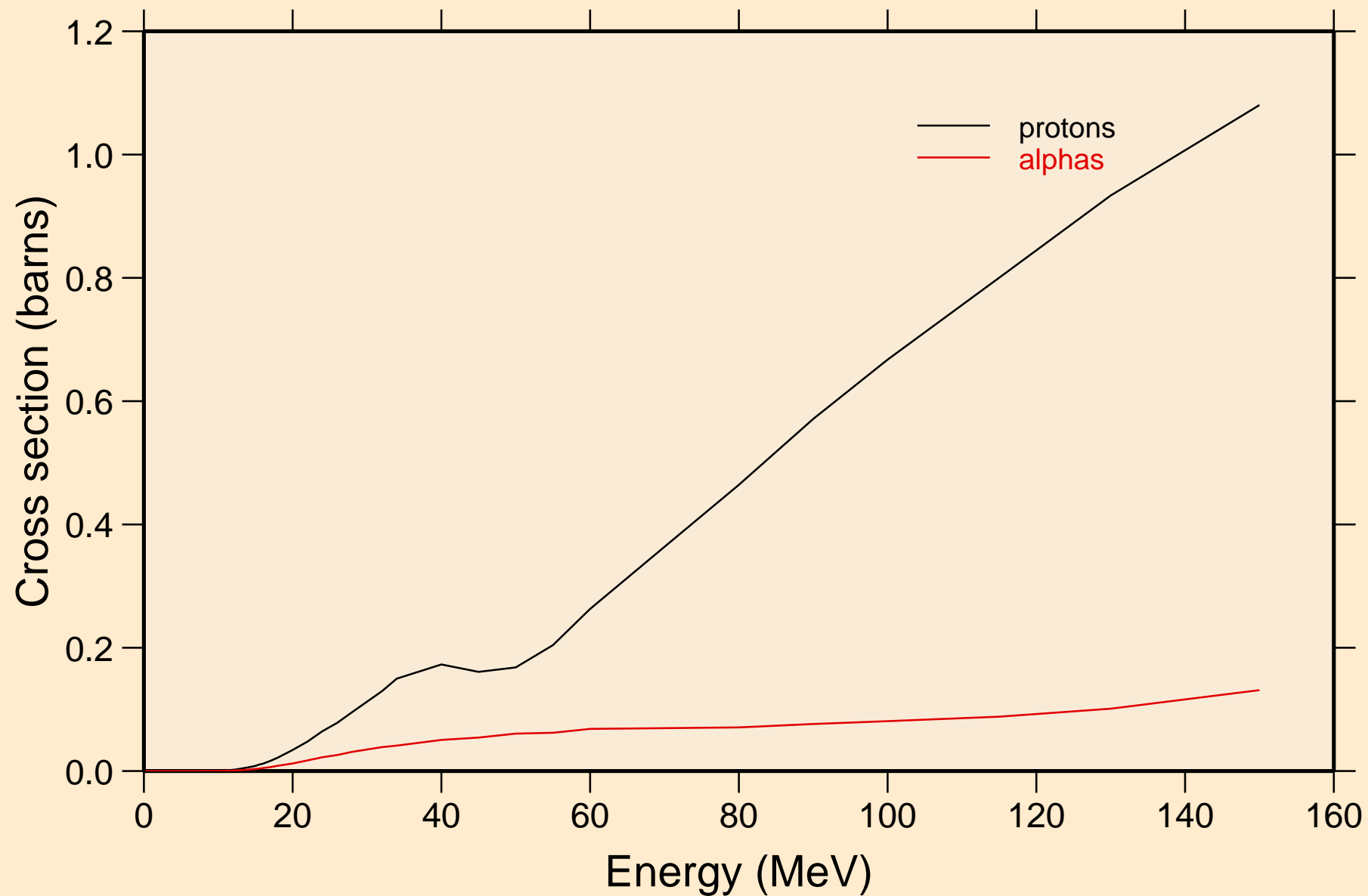
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 200

## Recoil Heating

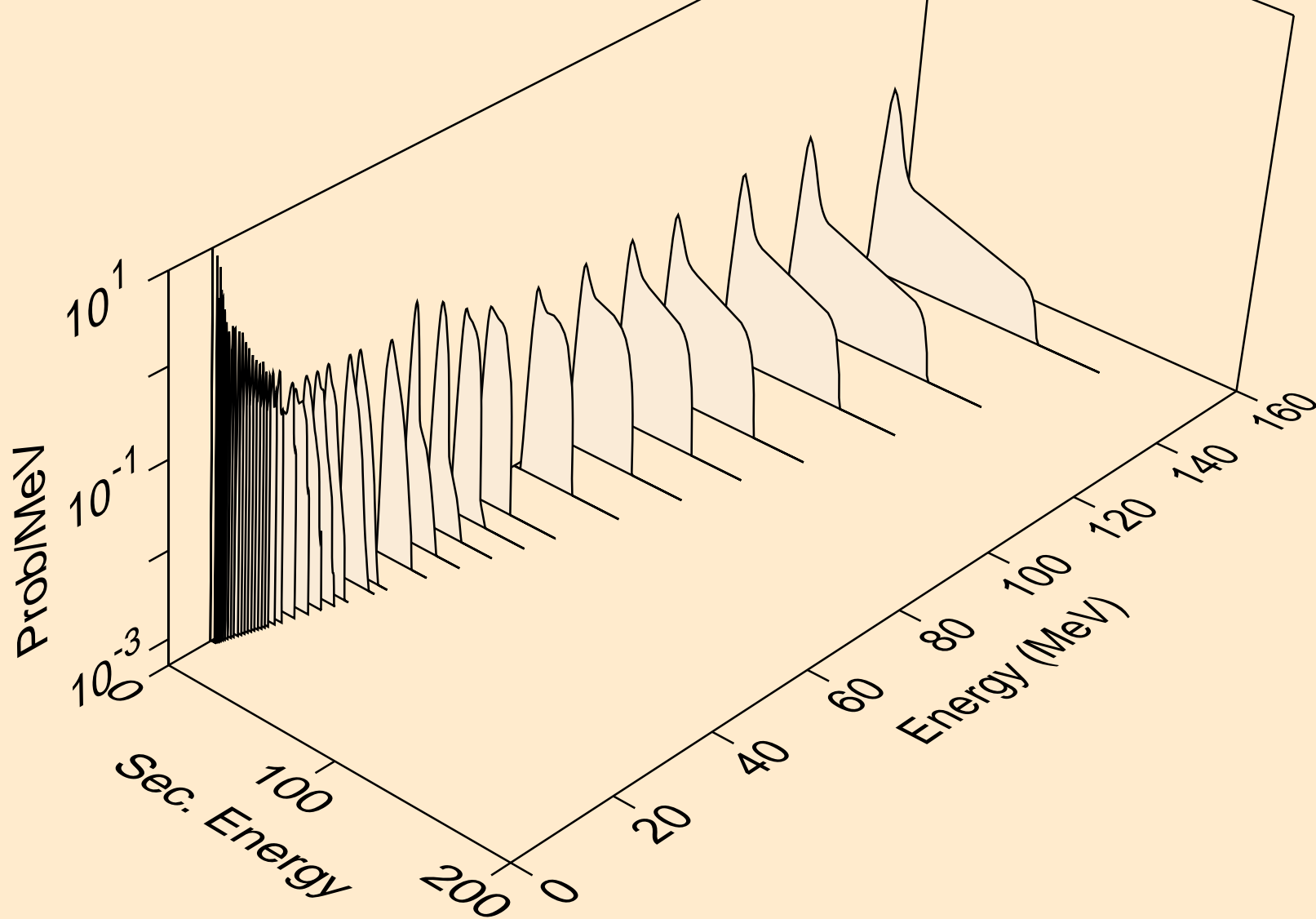


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 200

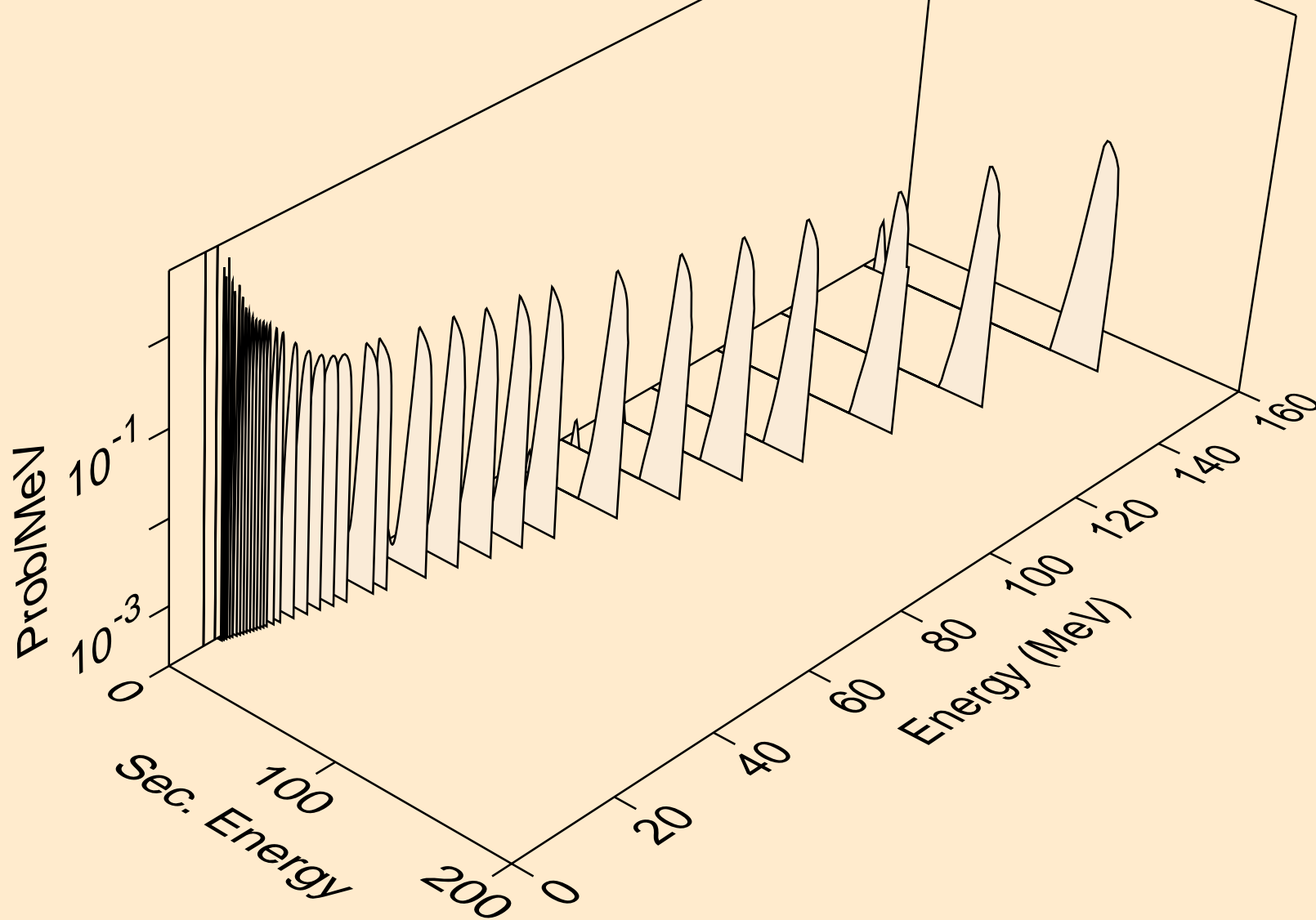
## Particle production cross sections



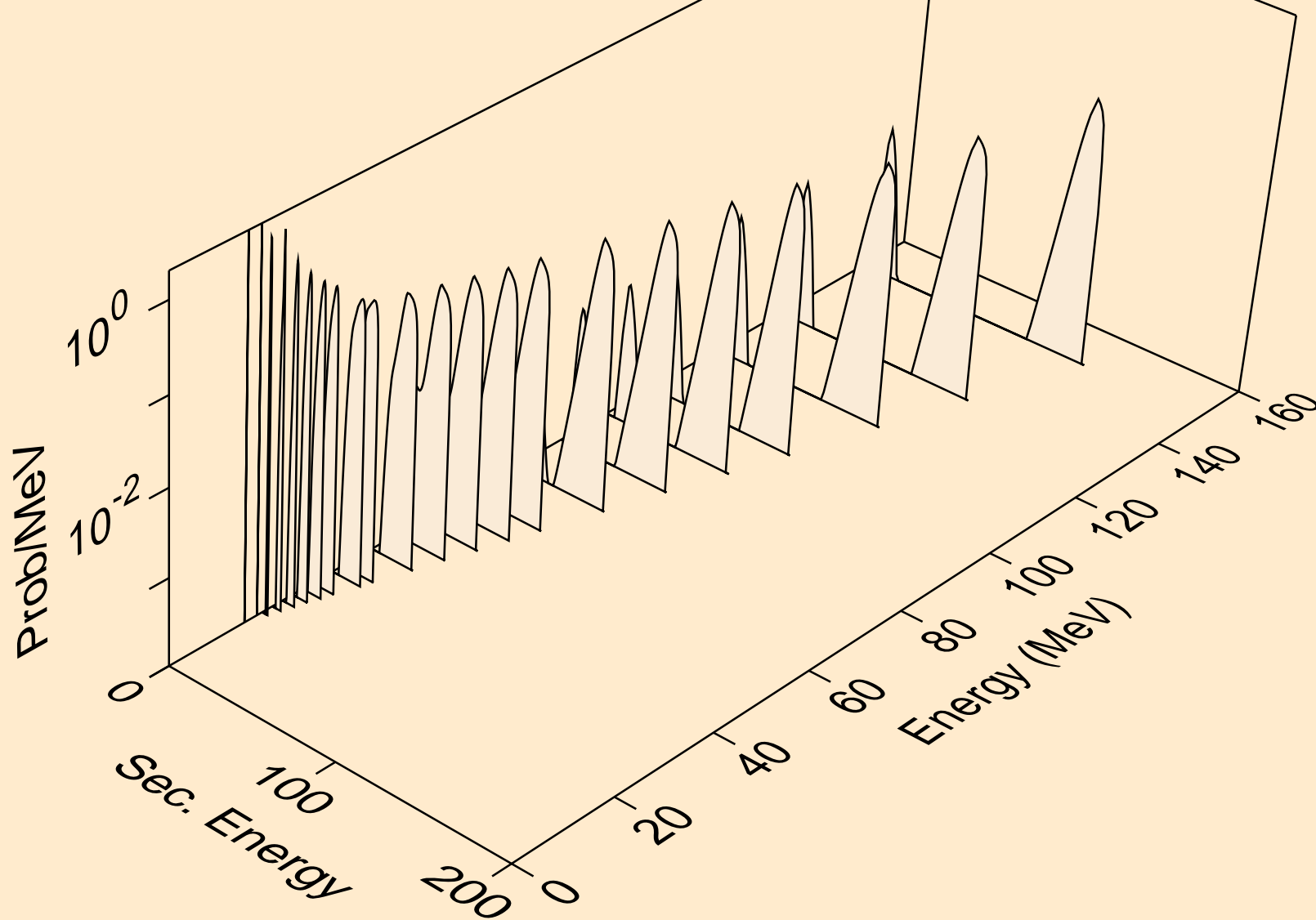
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
protons from (n,x)



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
protons from (n,n\*)p

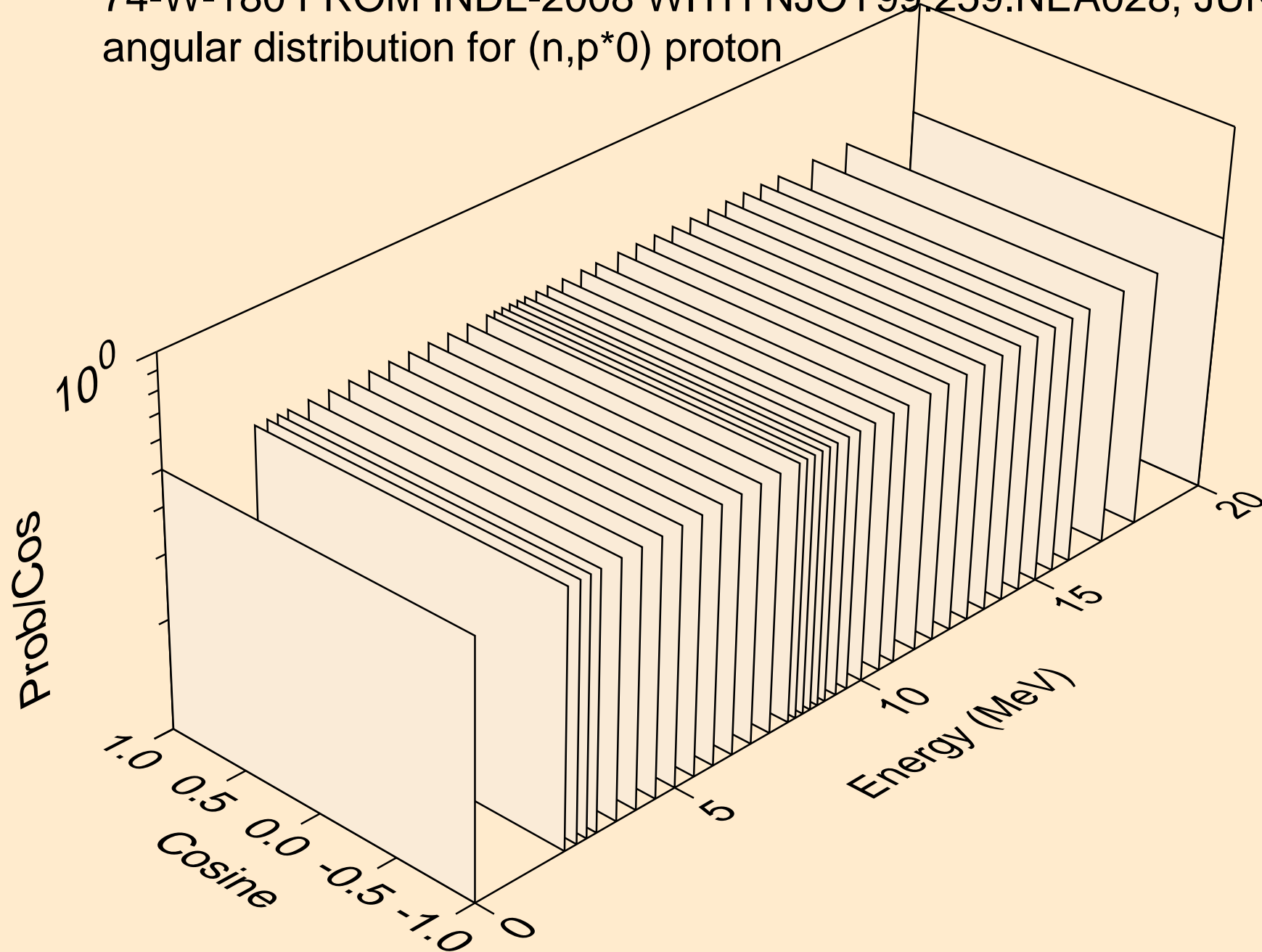


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
protons from (n,2np)

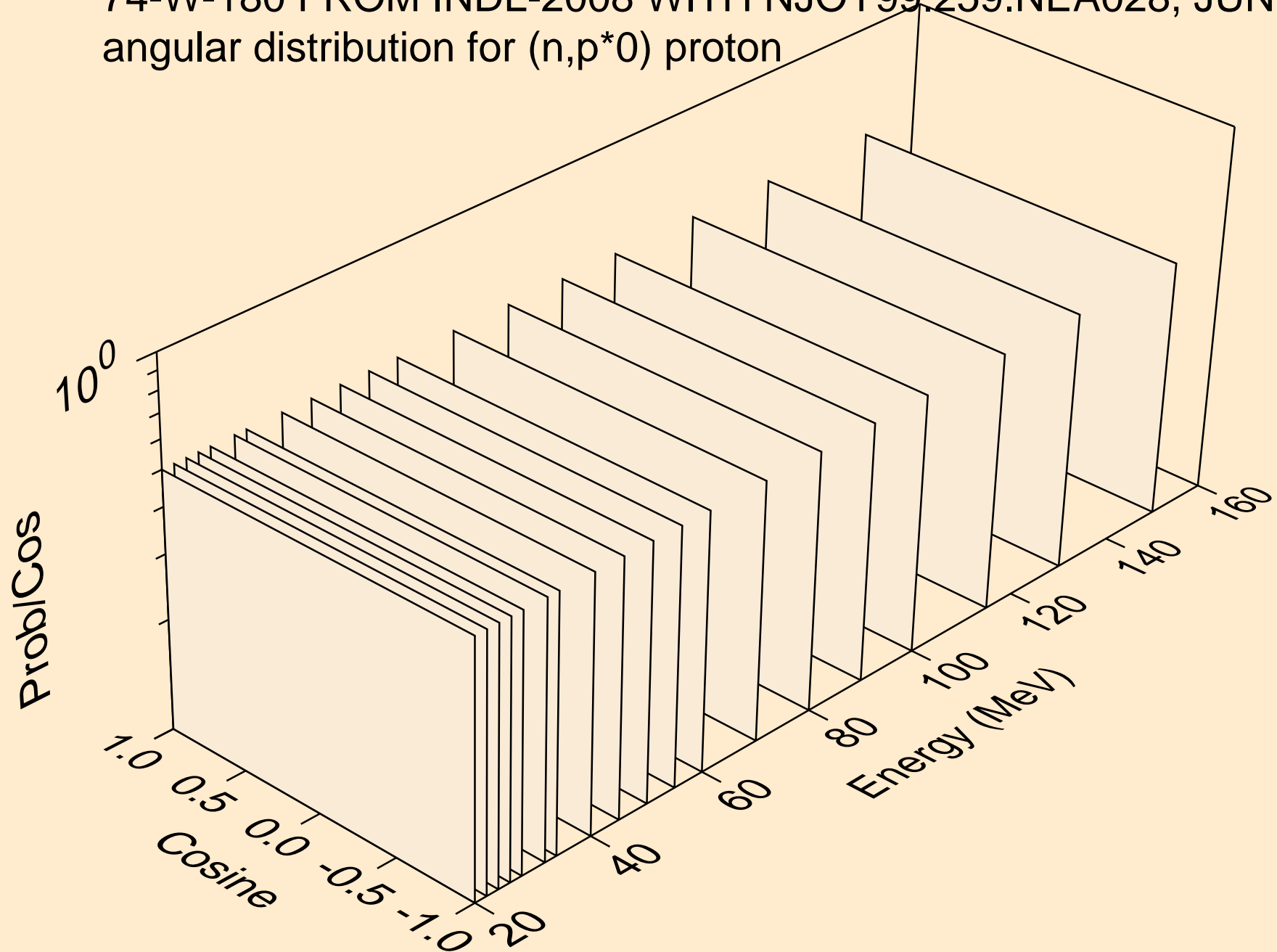




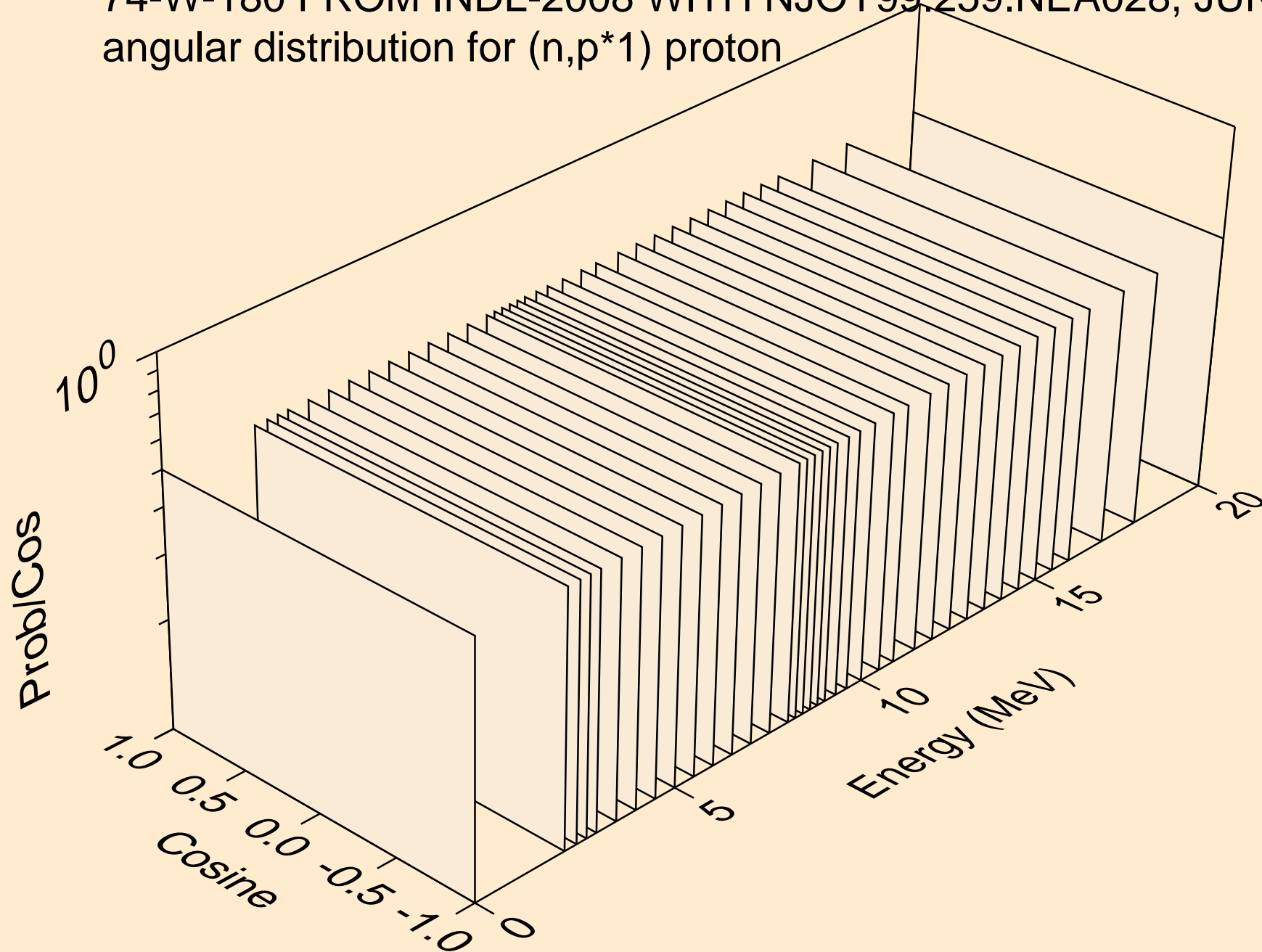
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*0) proton



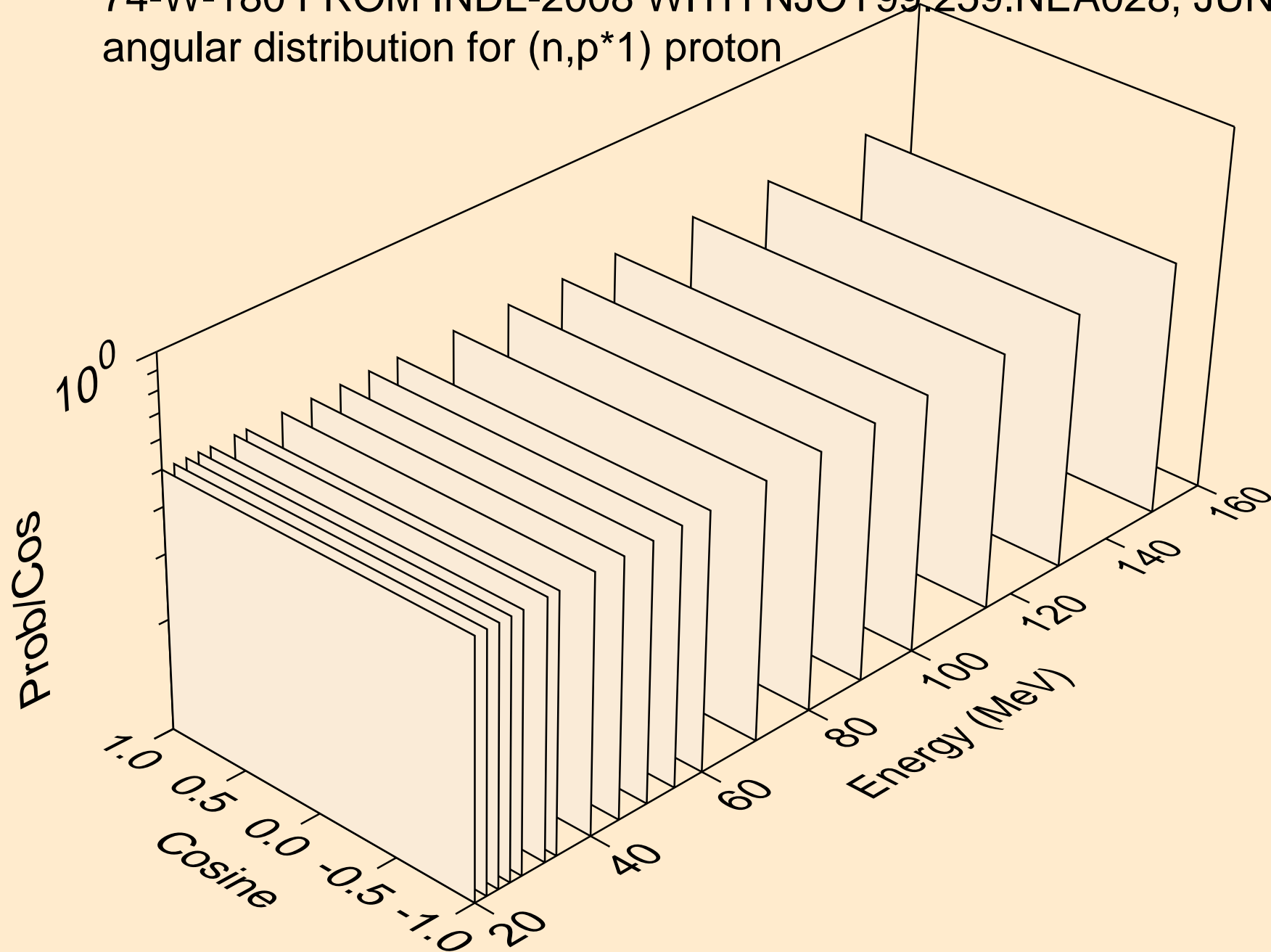
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2006  
angular distribution for (n,p\*0) proton



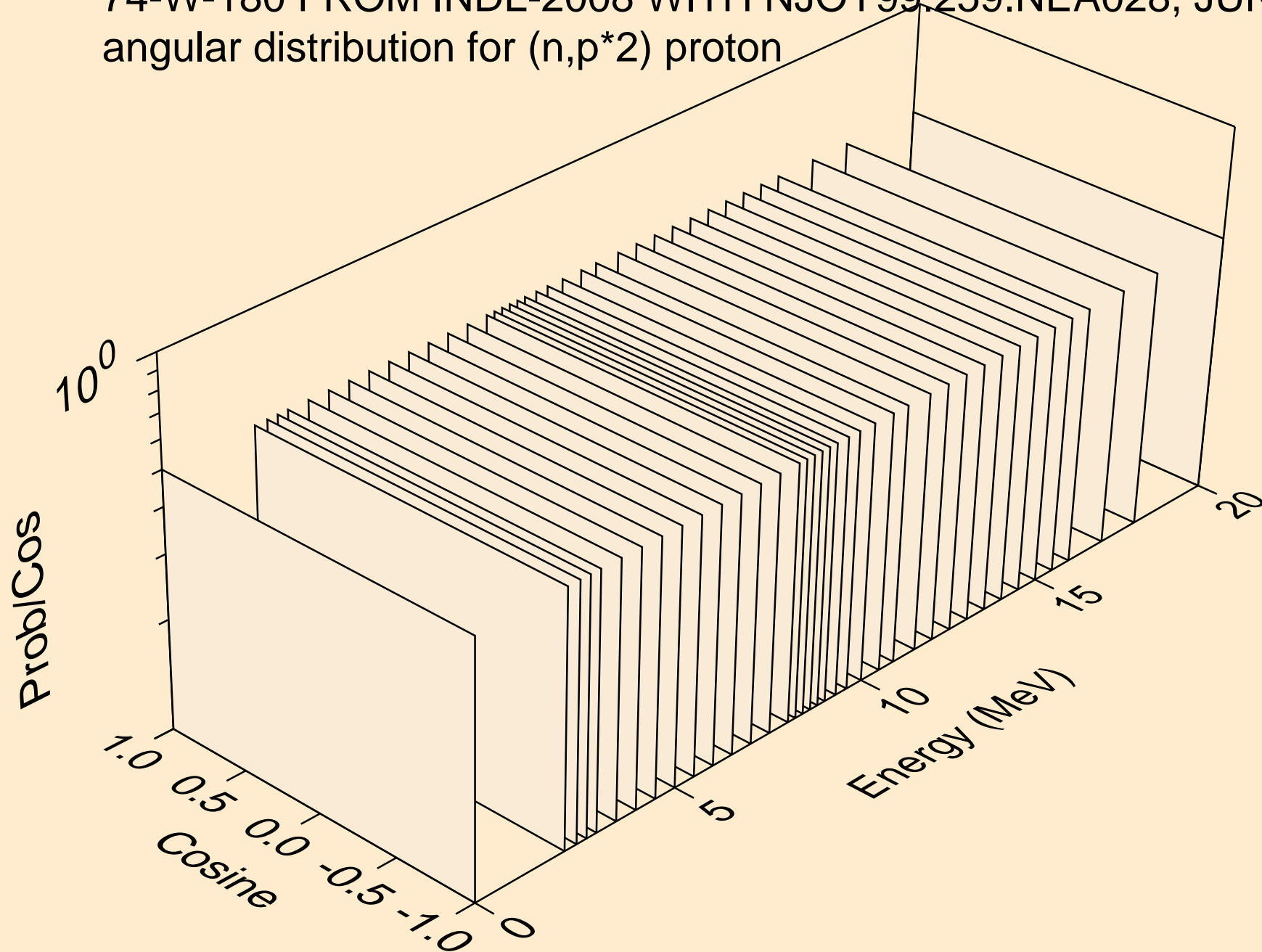
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*1) proton



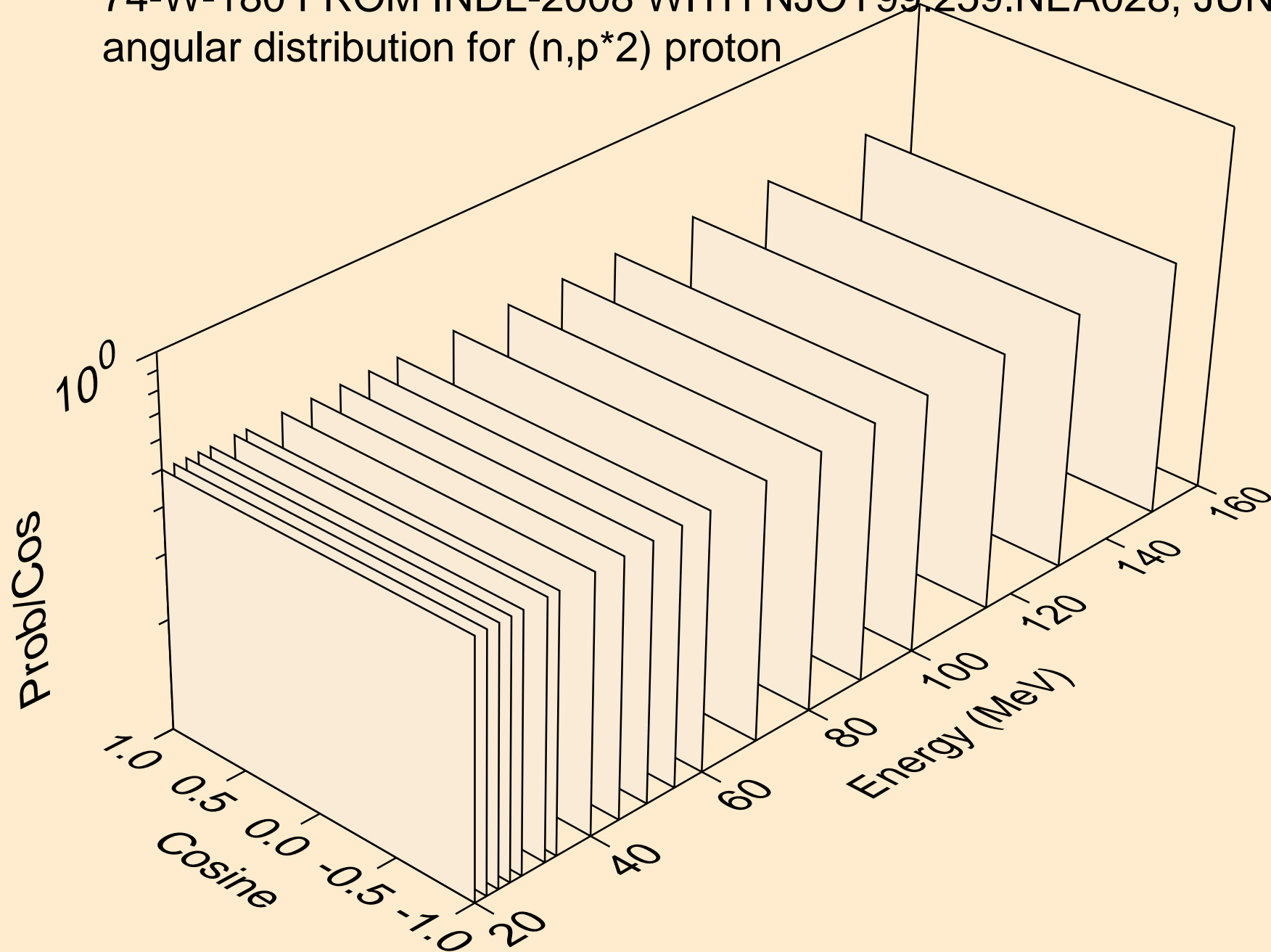
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*1) proton



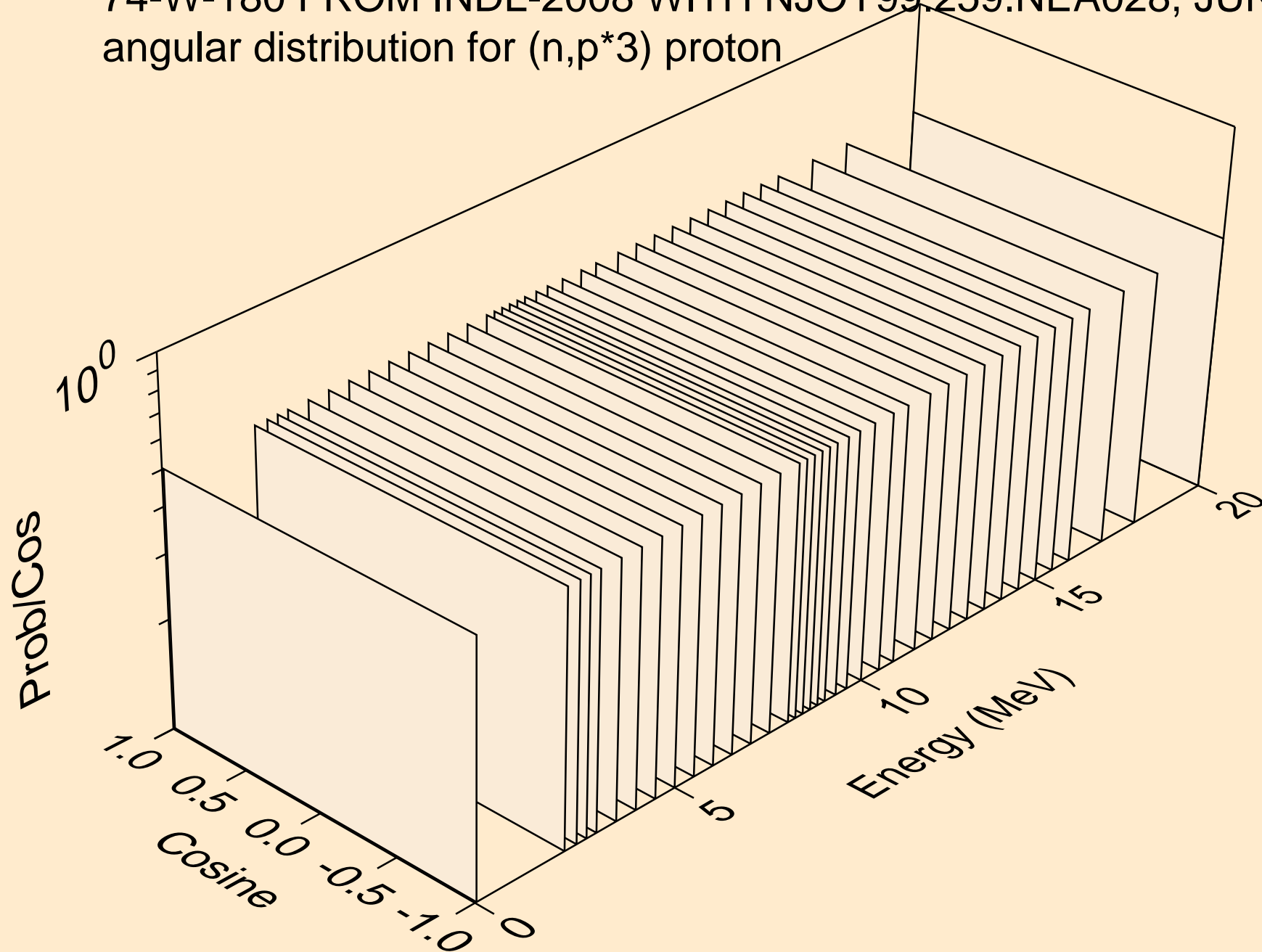
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*2) proton



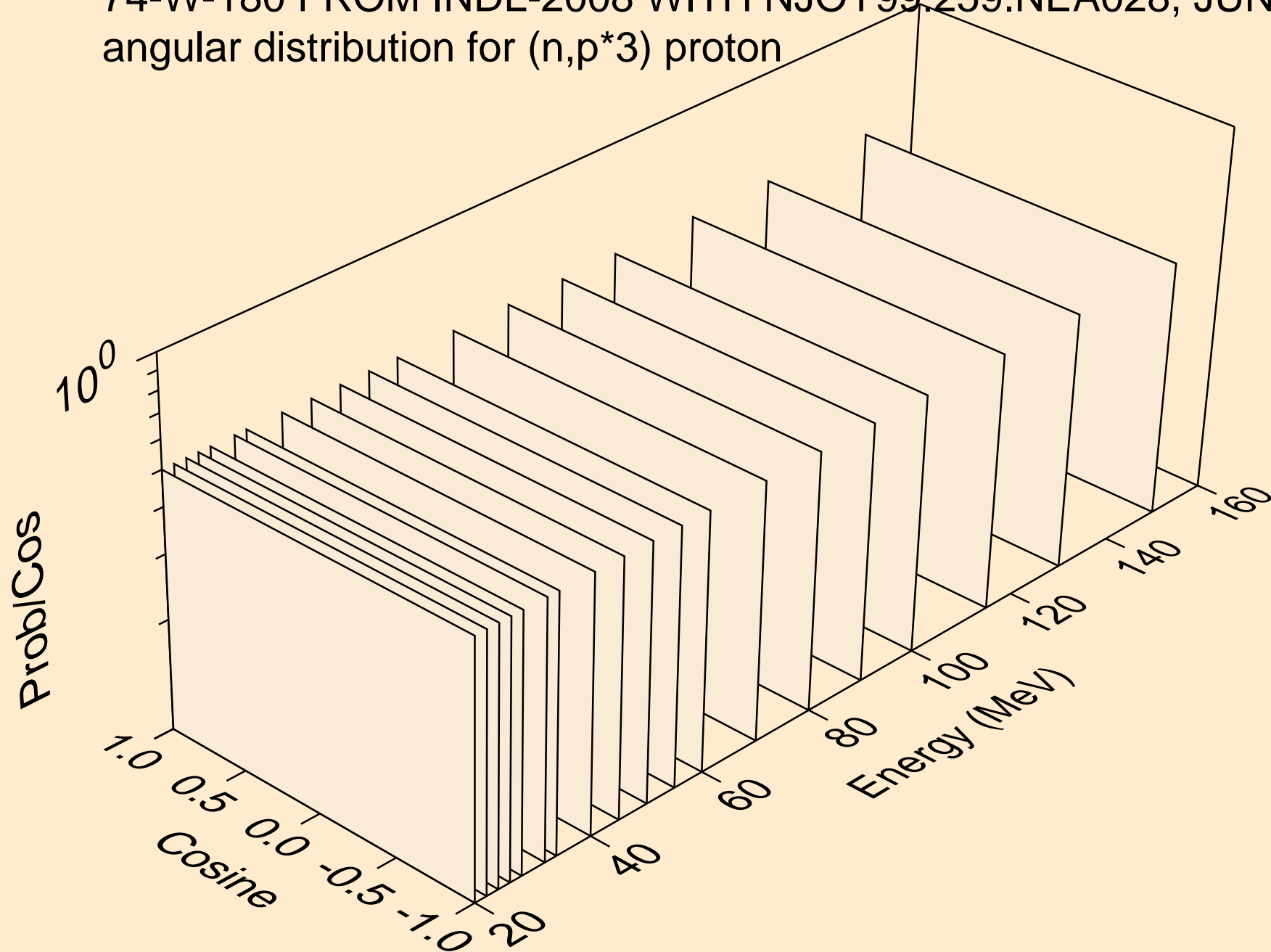
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2006  
angular distribution for (n,p\*2) proton



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*3) proton

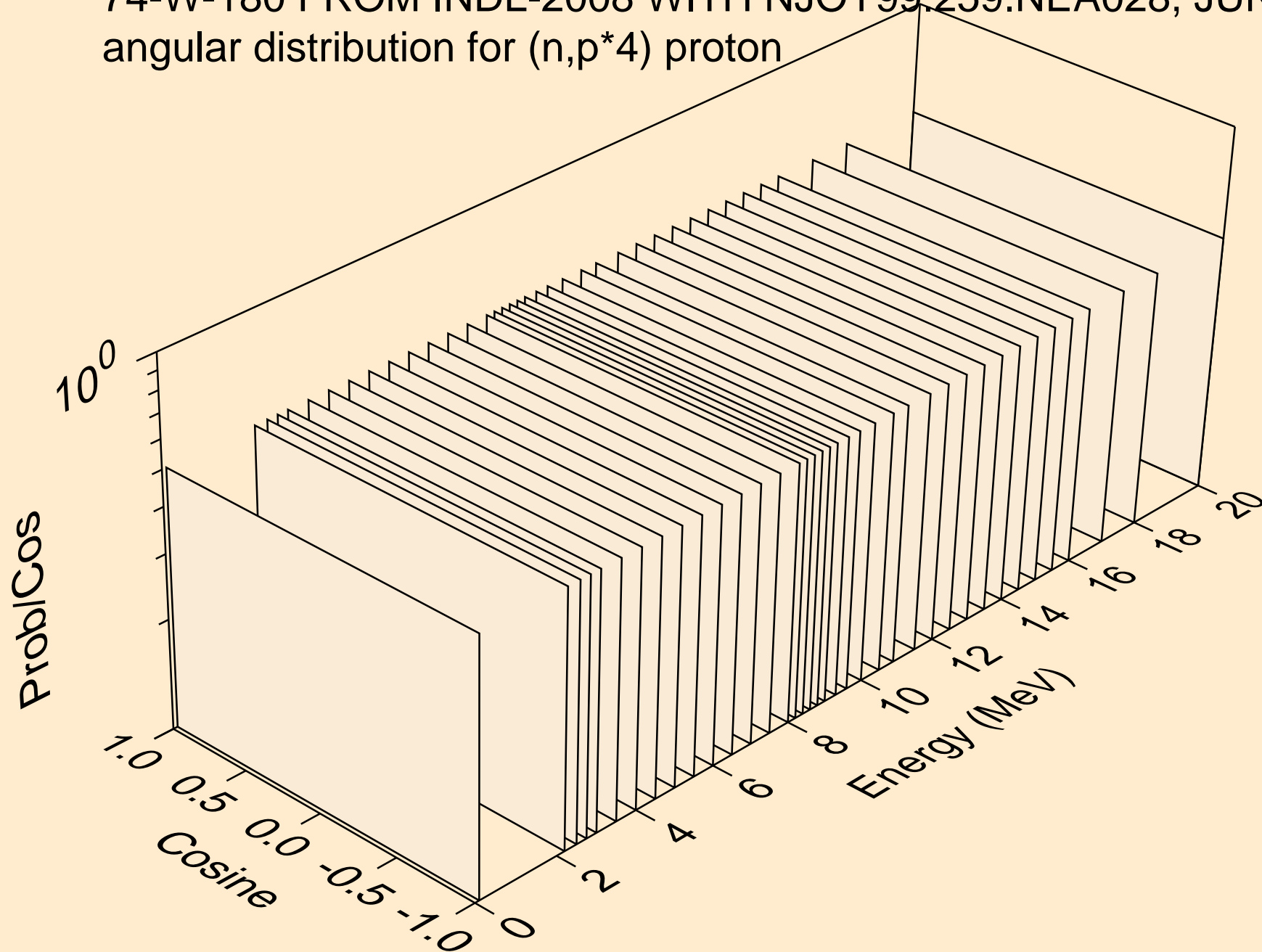


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2006  
angular distribution for (n,p\*3) proton

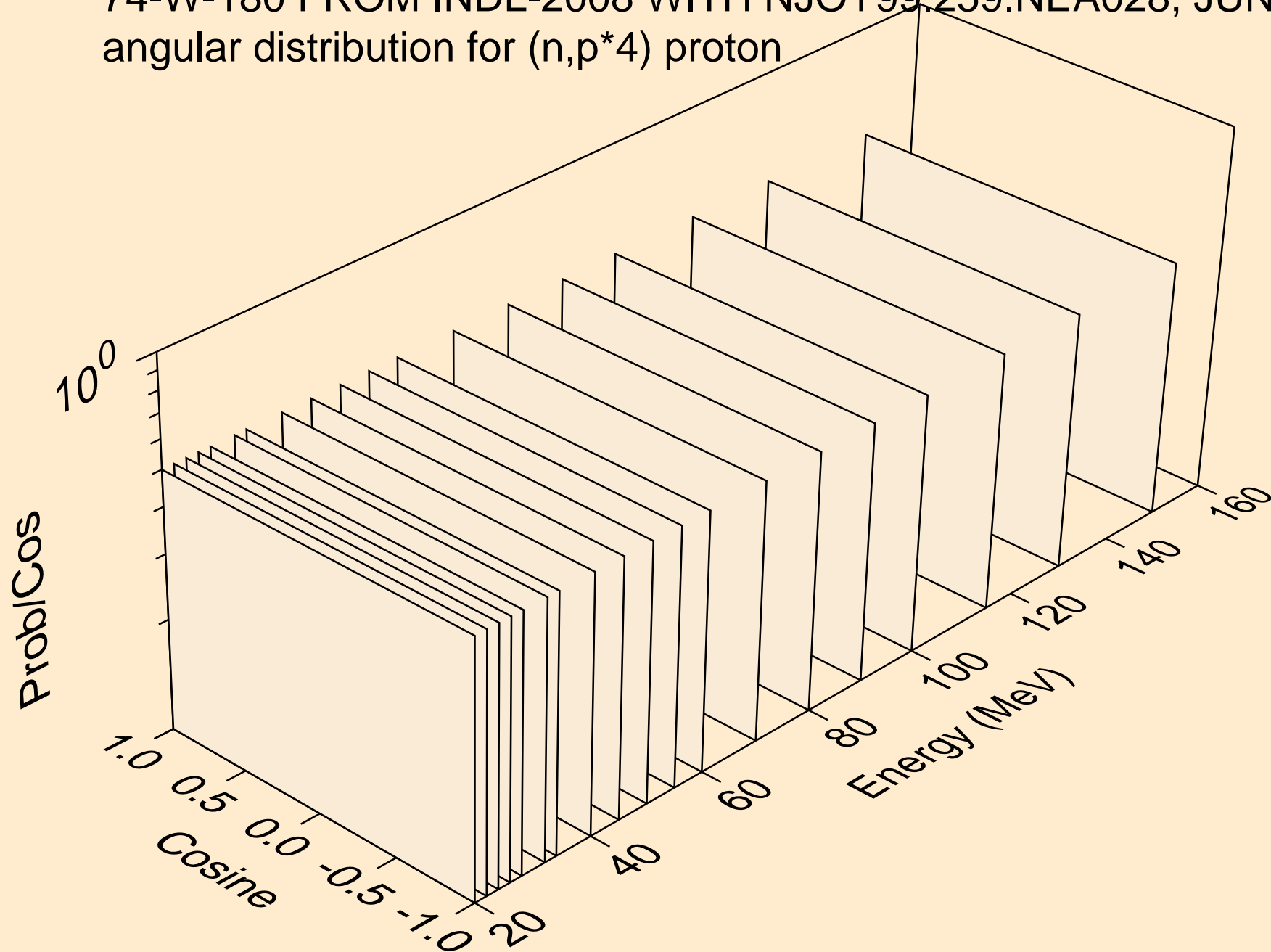




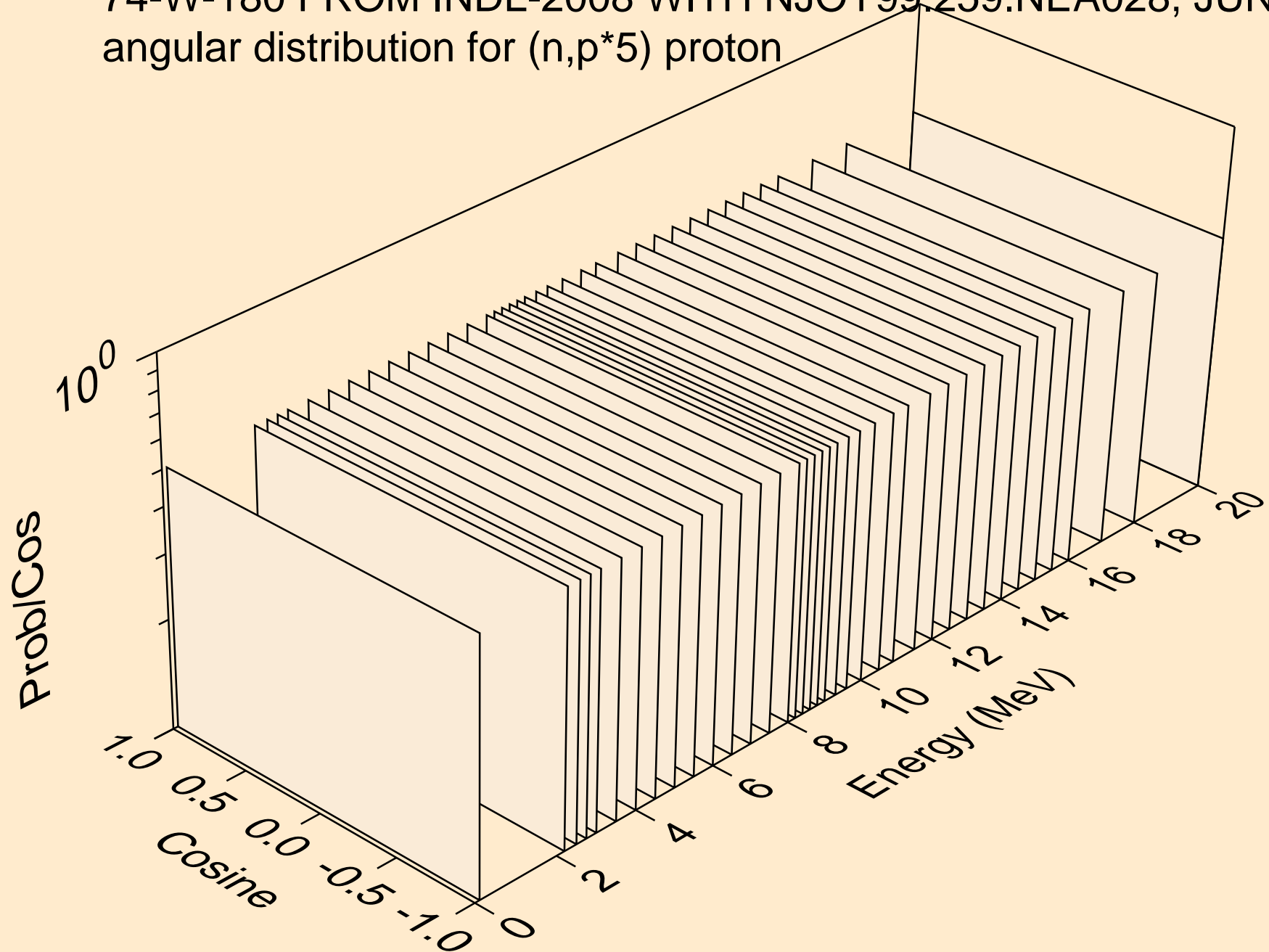
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*4) proton



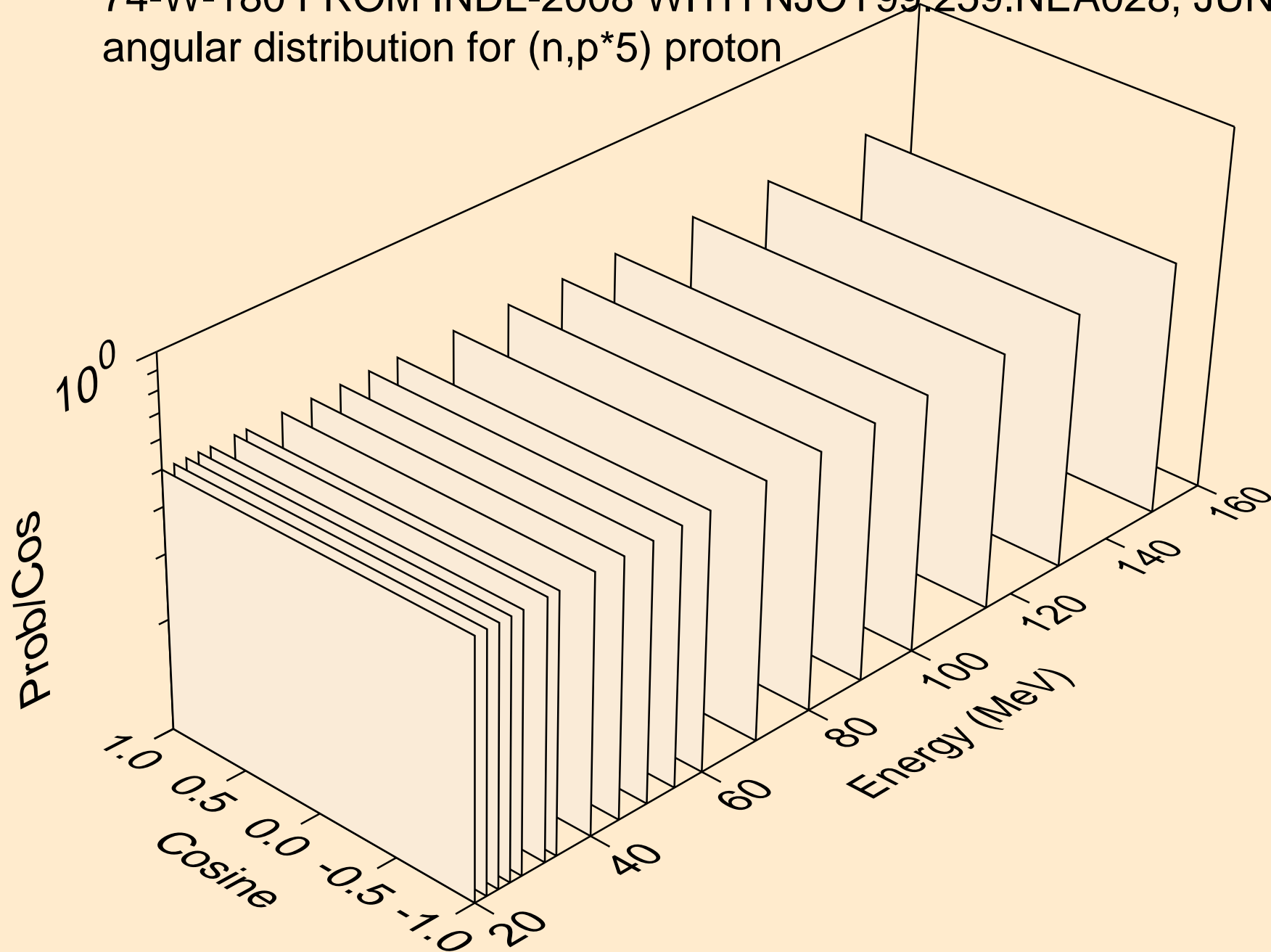
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*4) proton



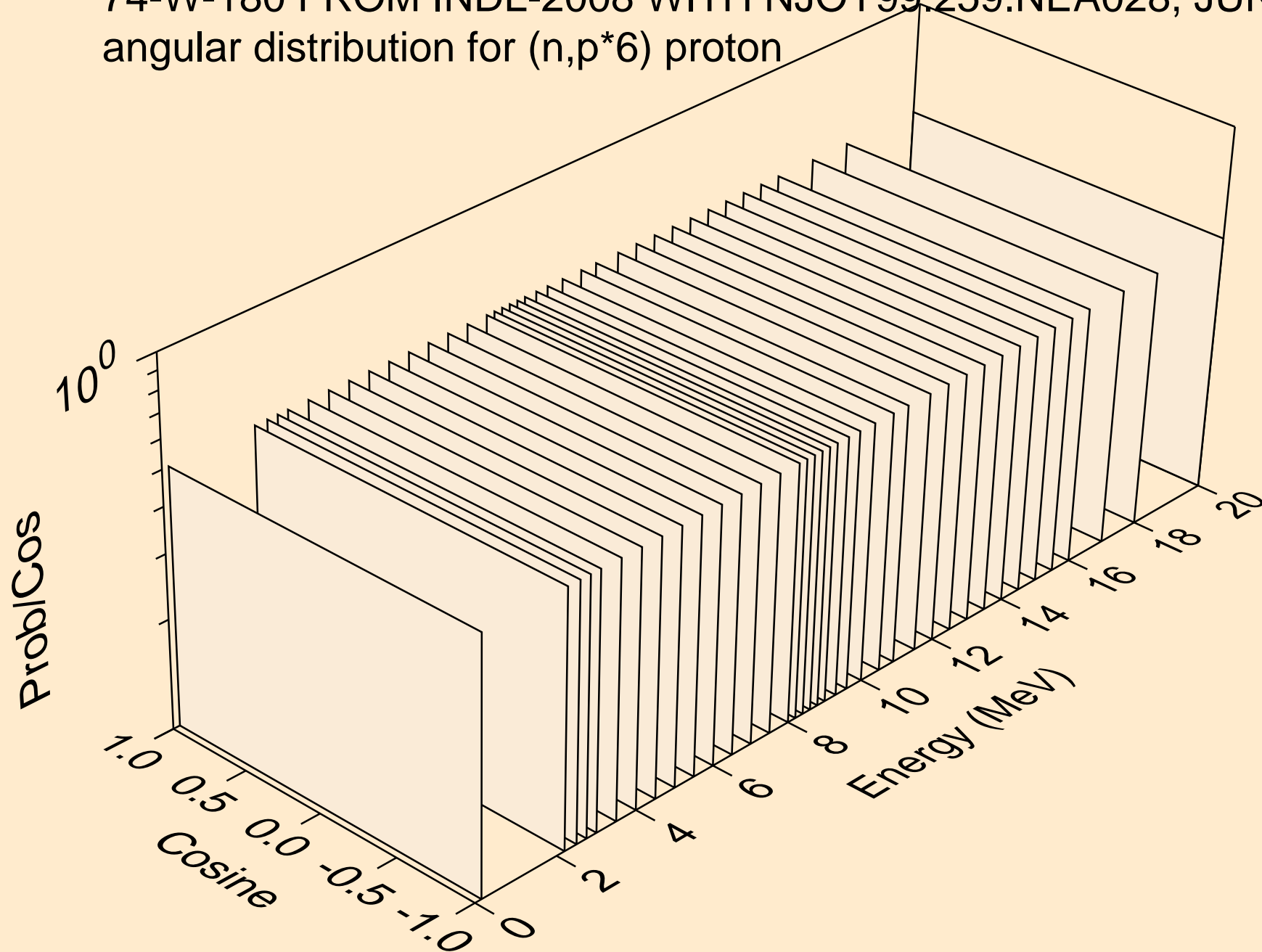
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*5) proton



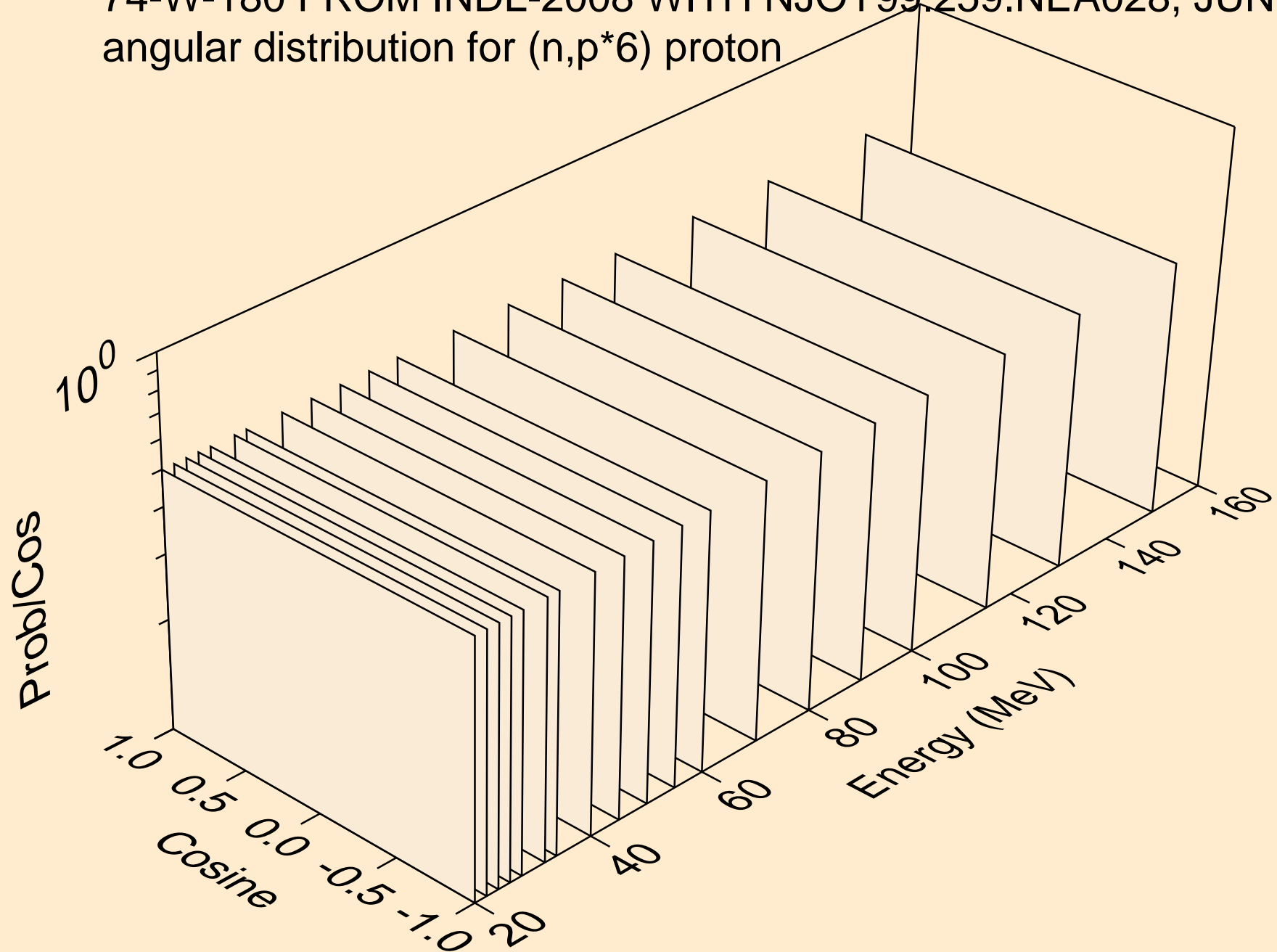
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*5) proton



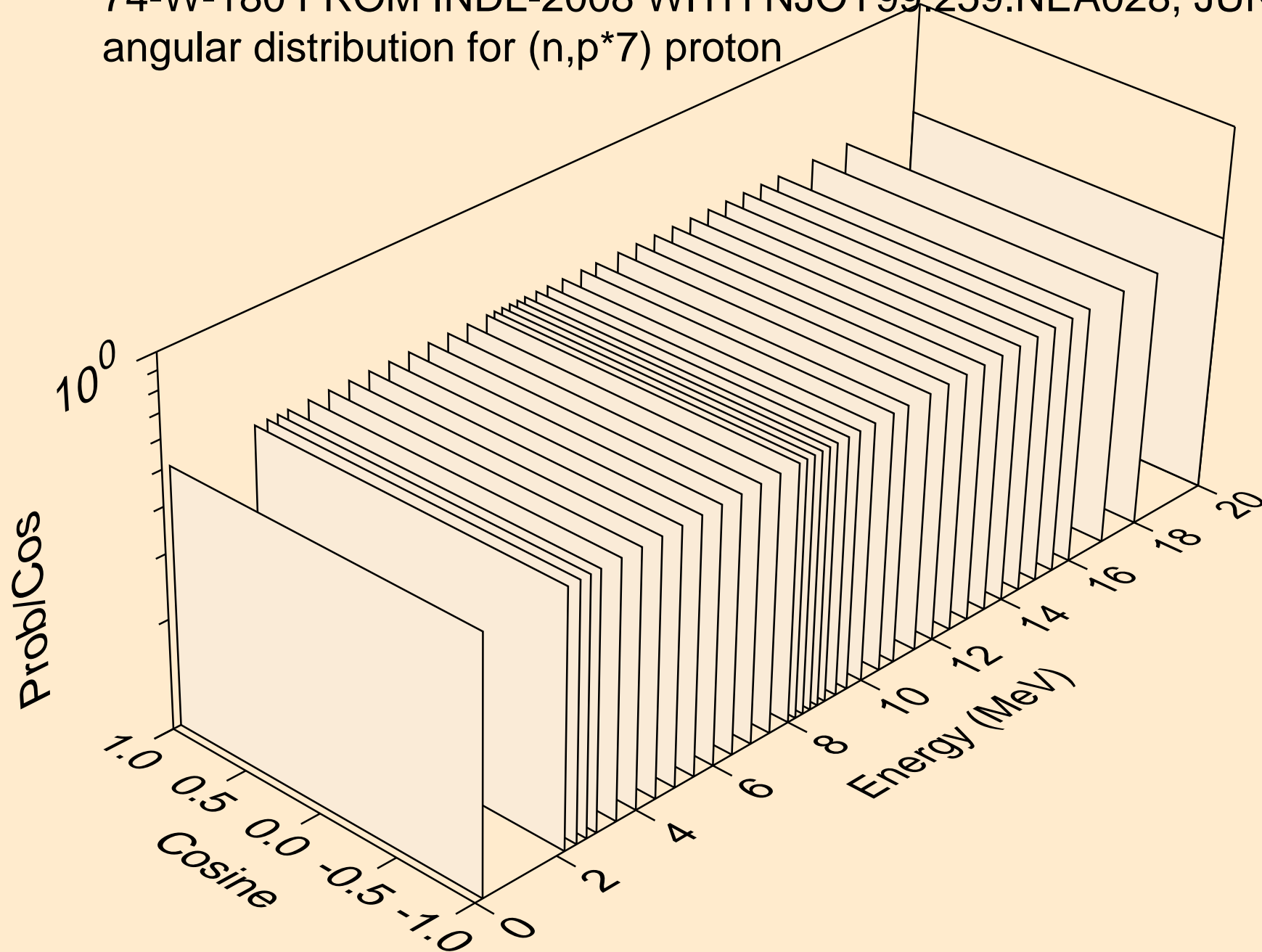
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*6) proton



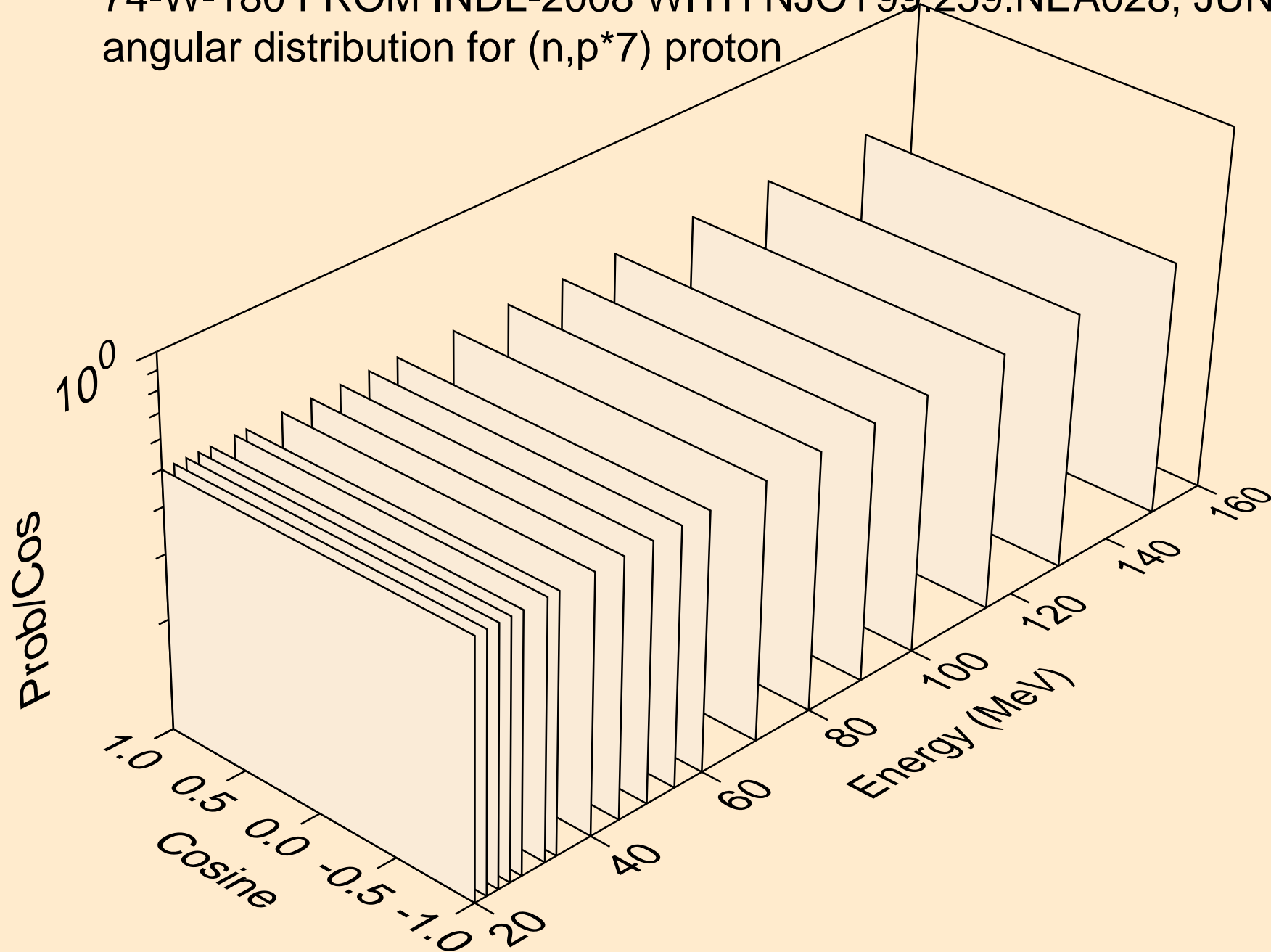
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*6) proton



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*7) proton

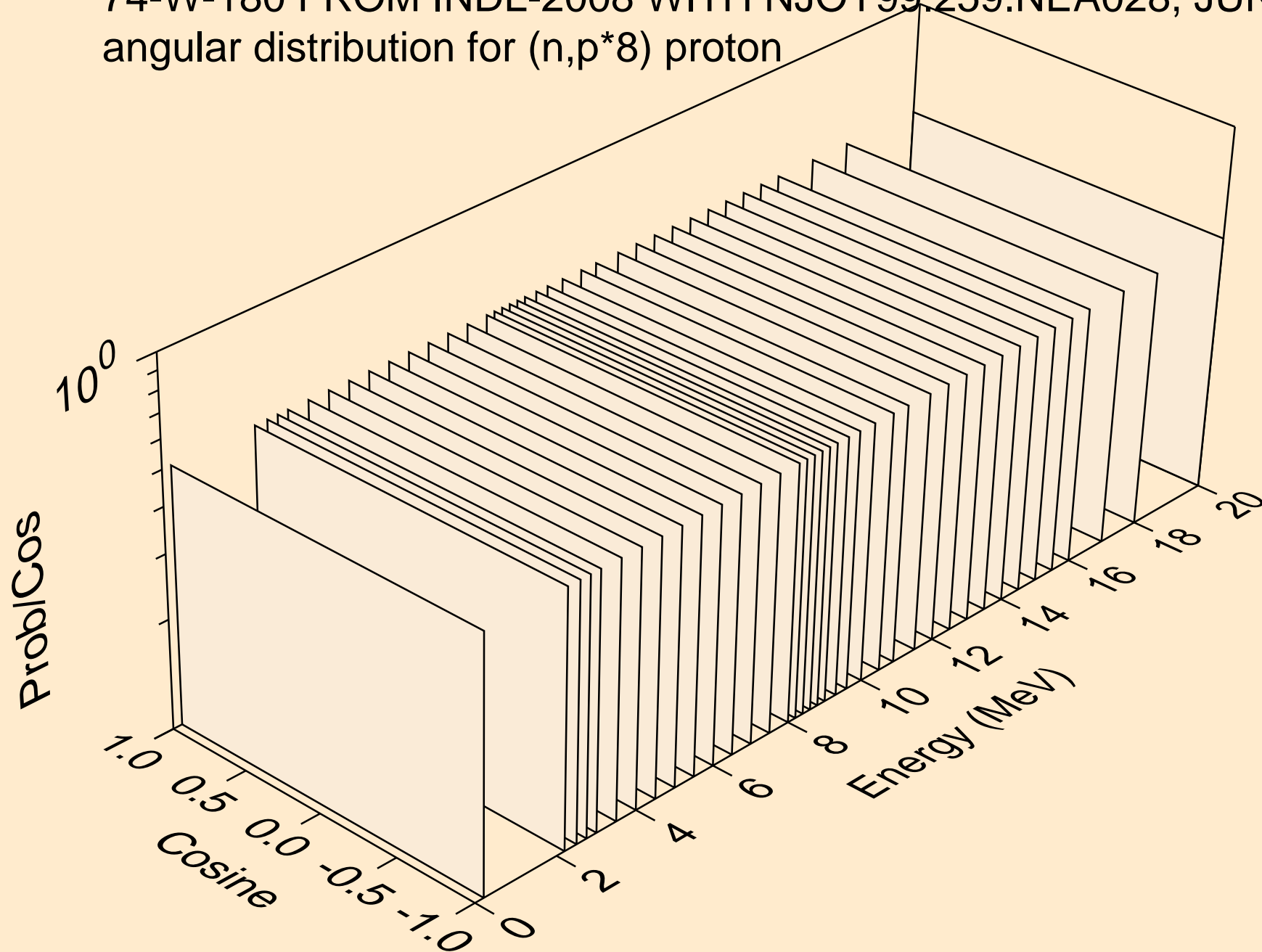


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*7) proton

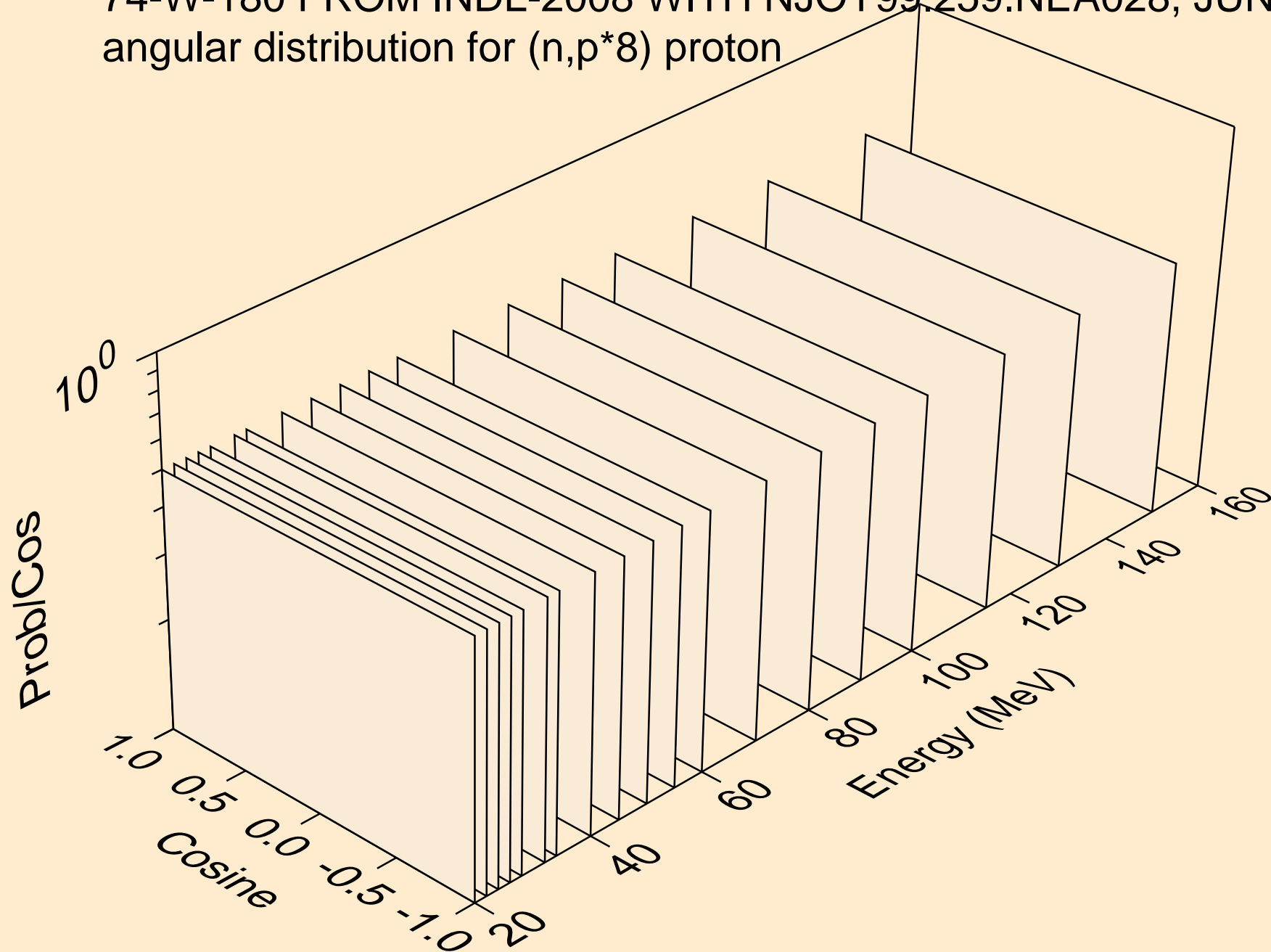




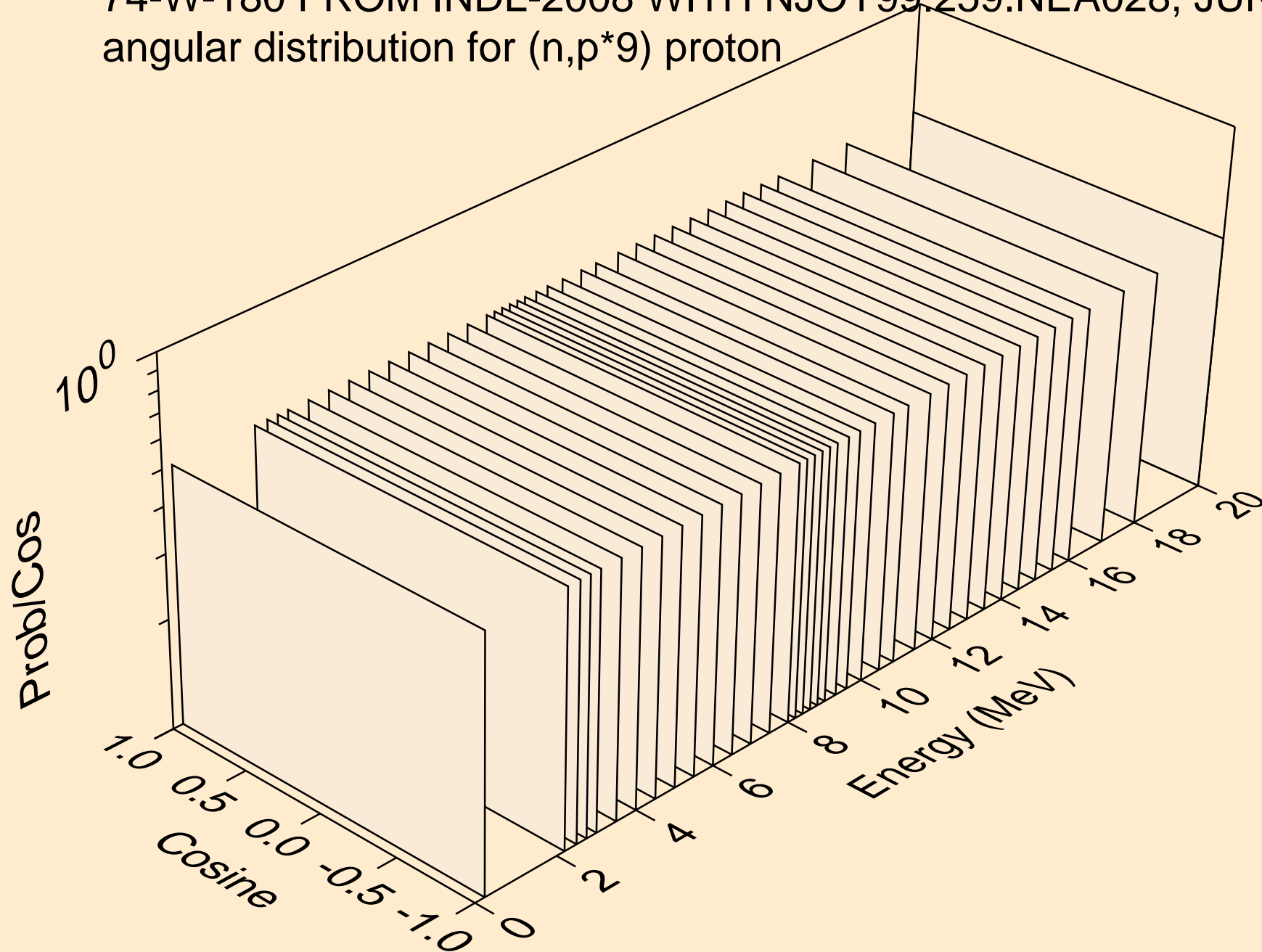
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*8) proton



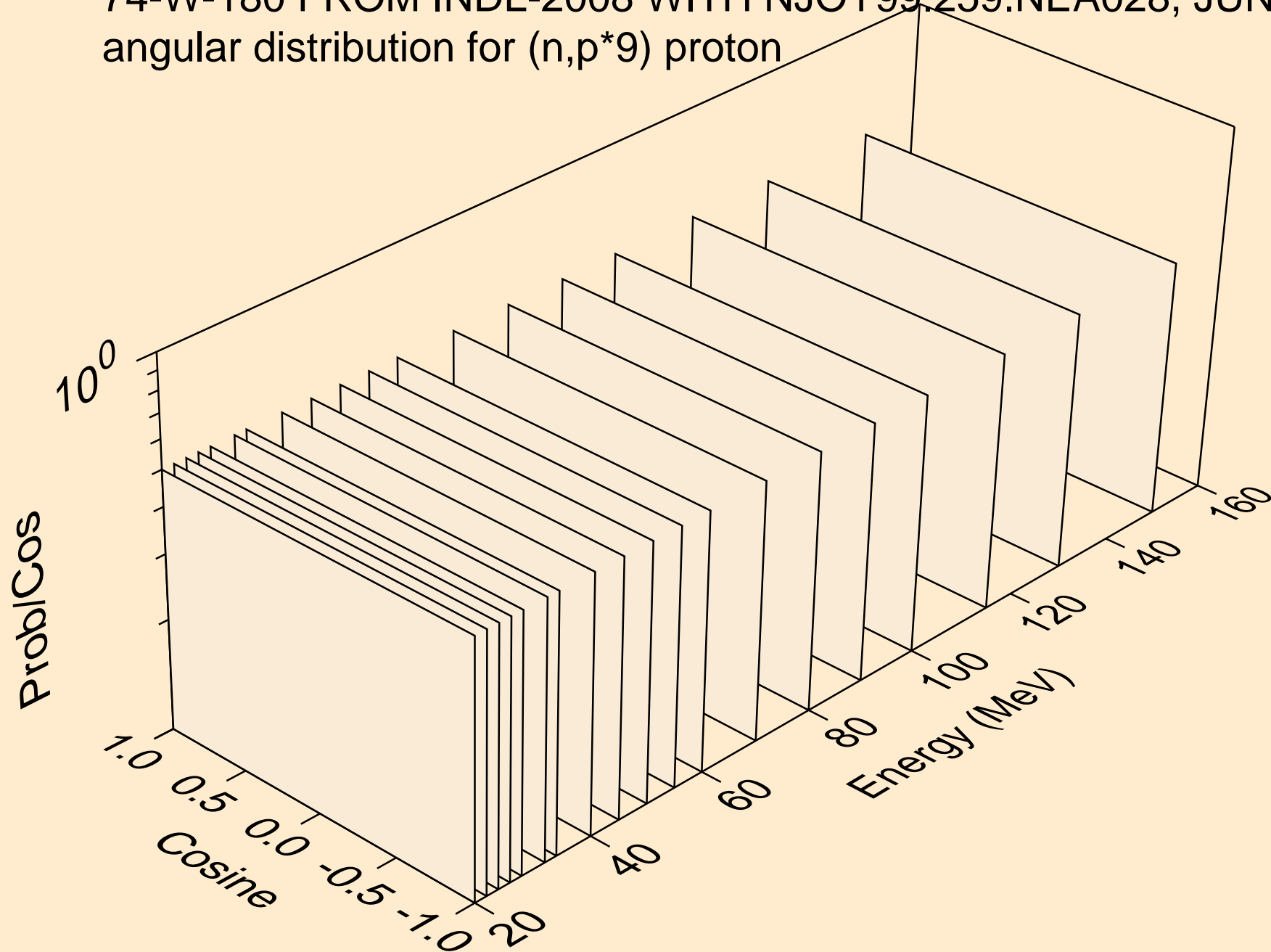
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*8) proton



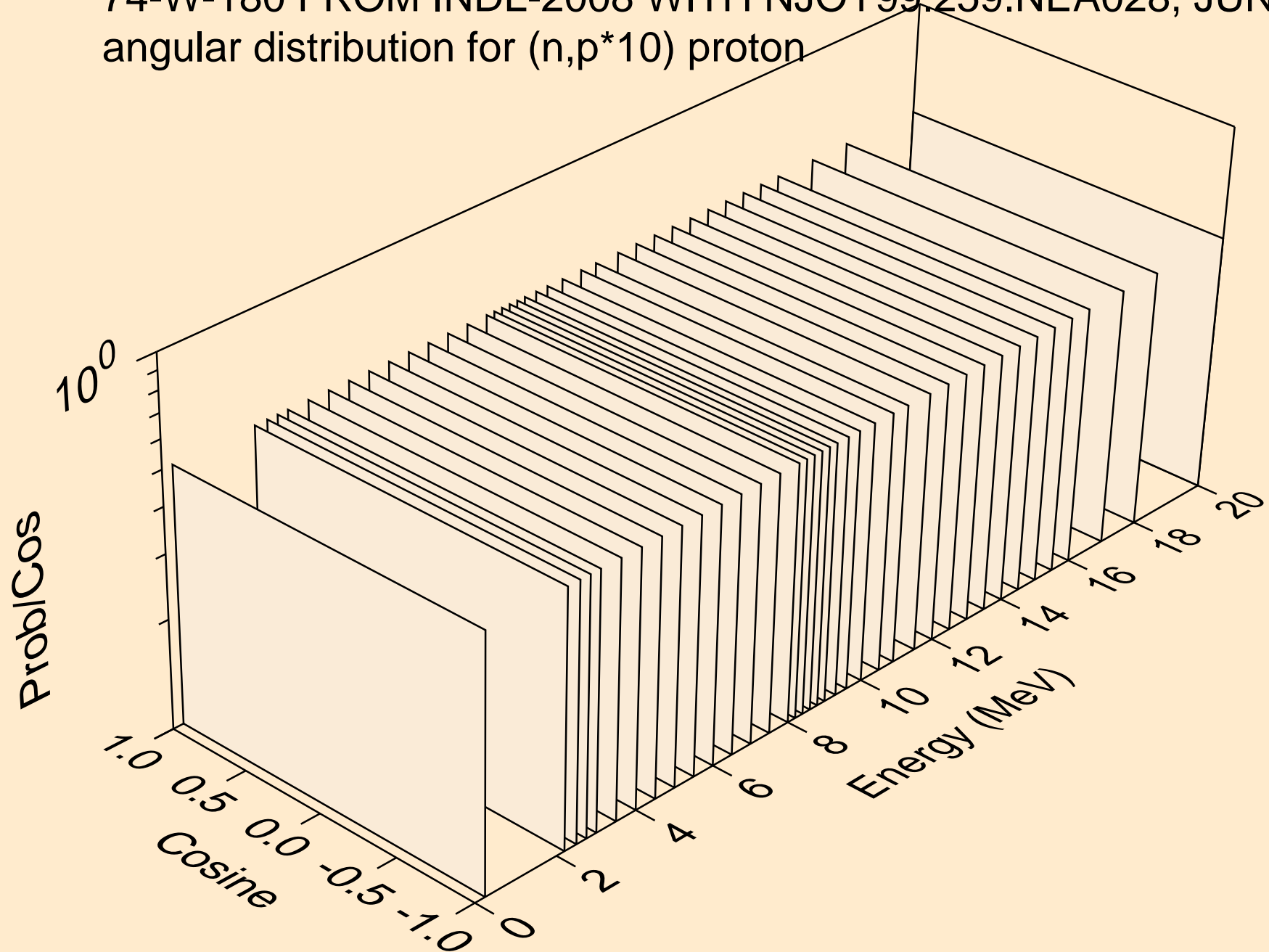
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*9) proton



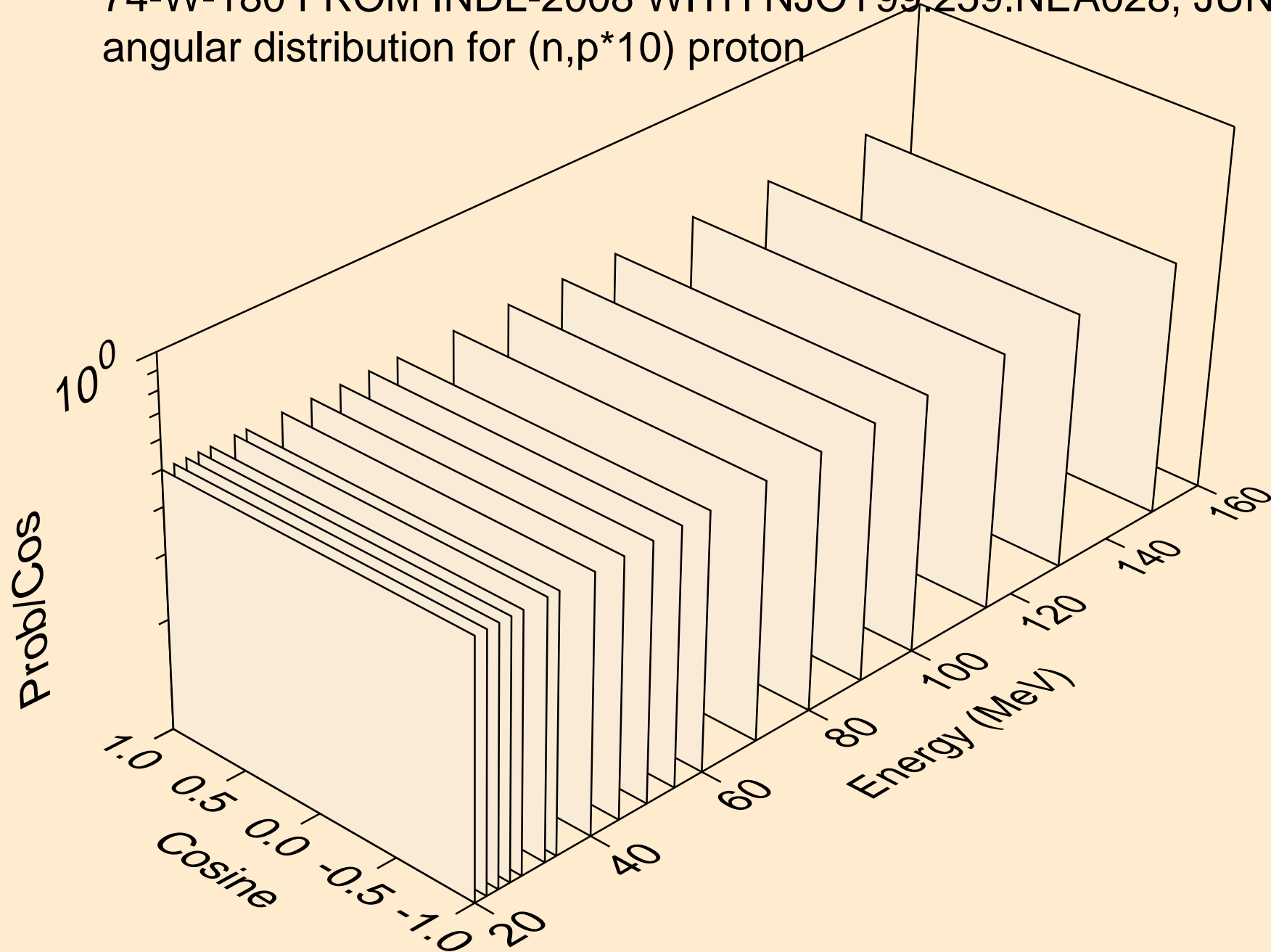
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2006  
angular distribution for (n,p\*9) proton



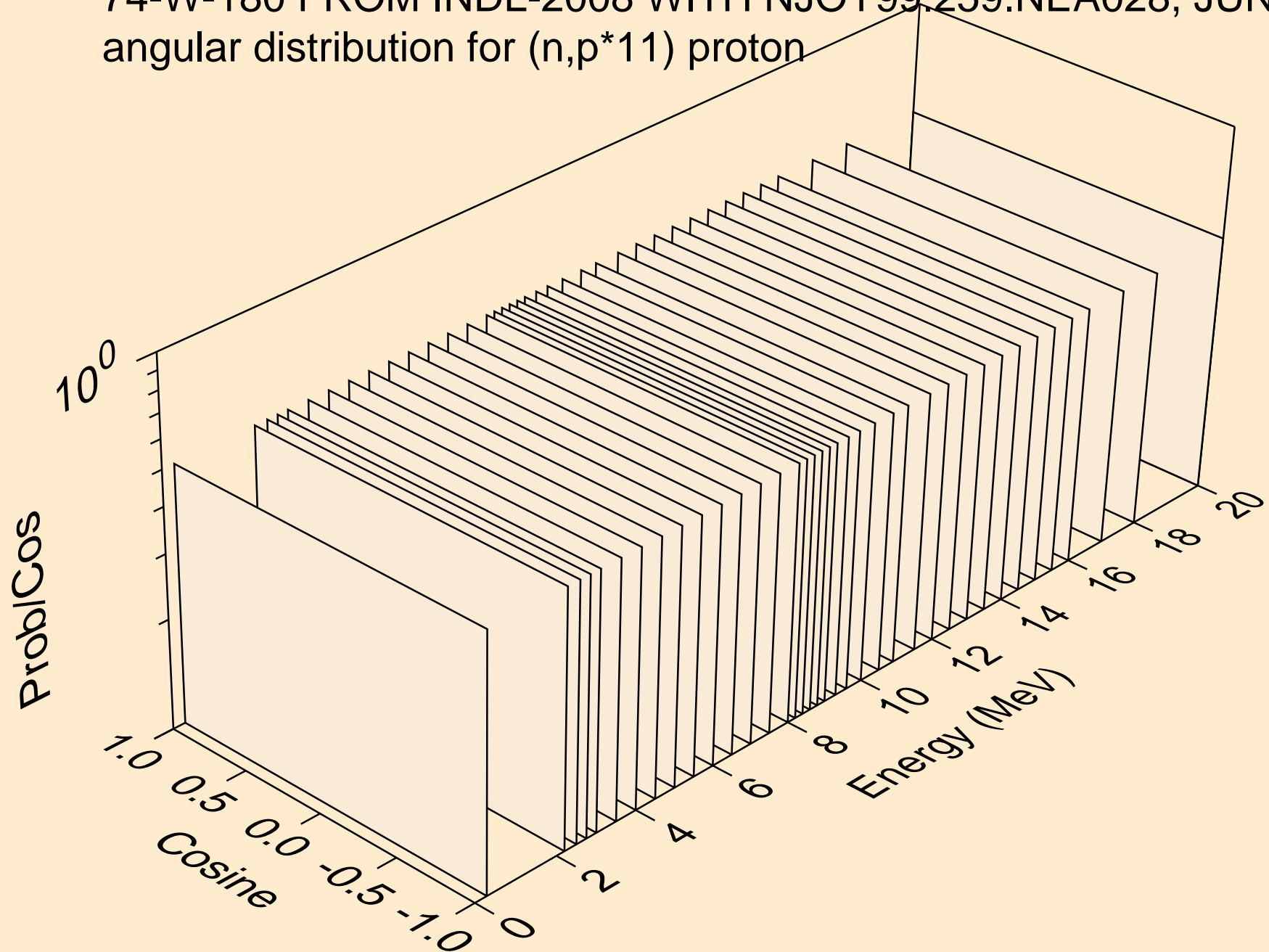
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*10) proton



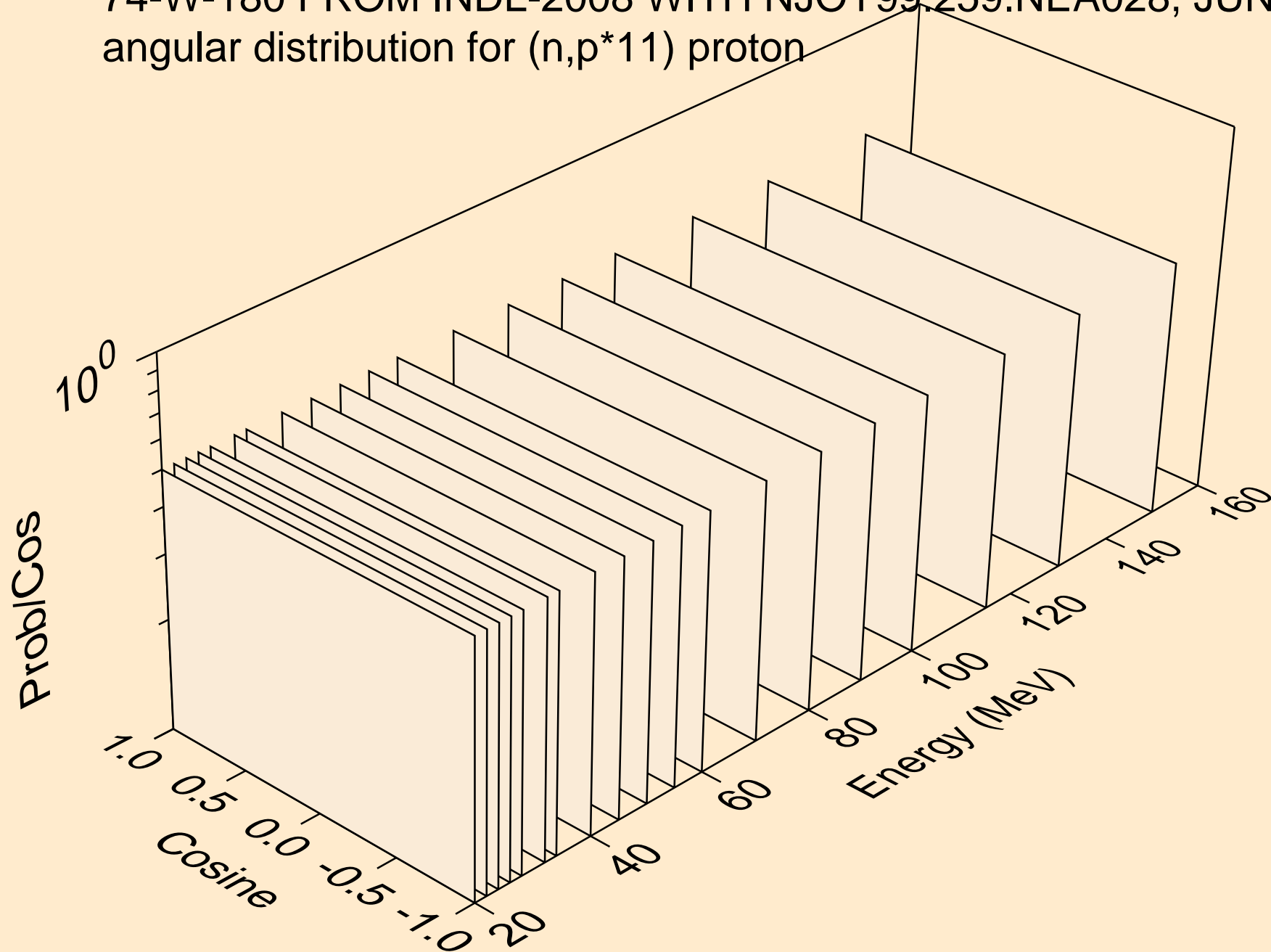
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*10) proton



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*11) proton

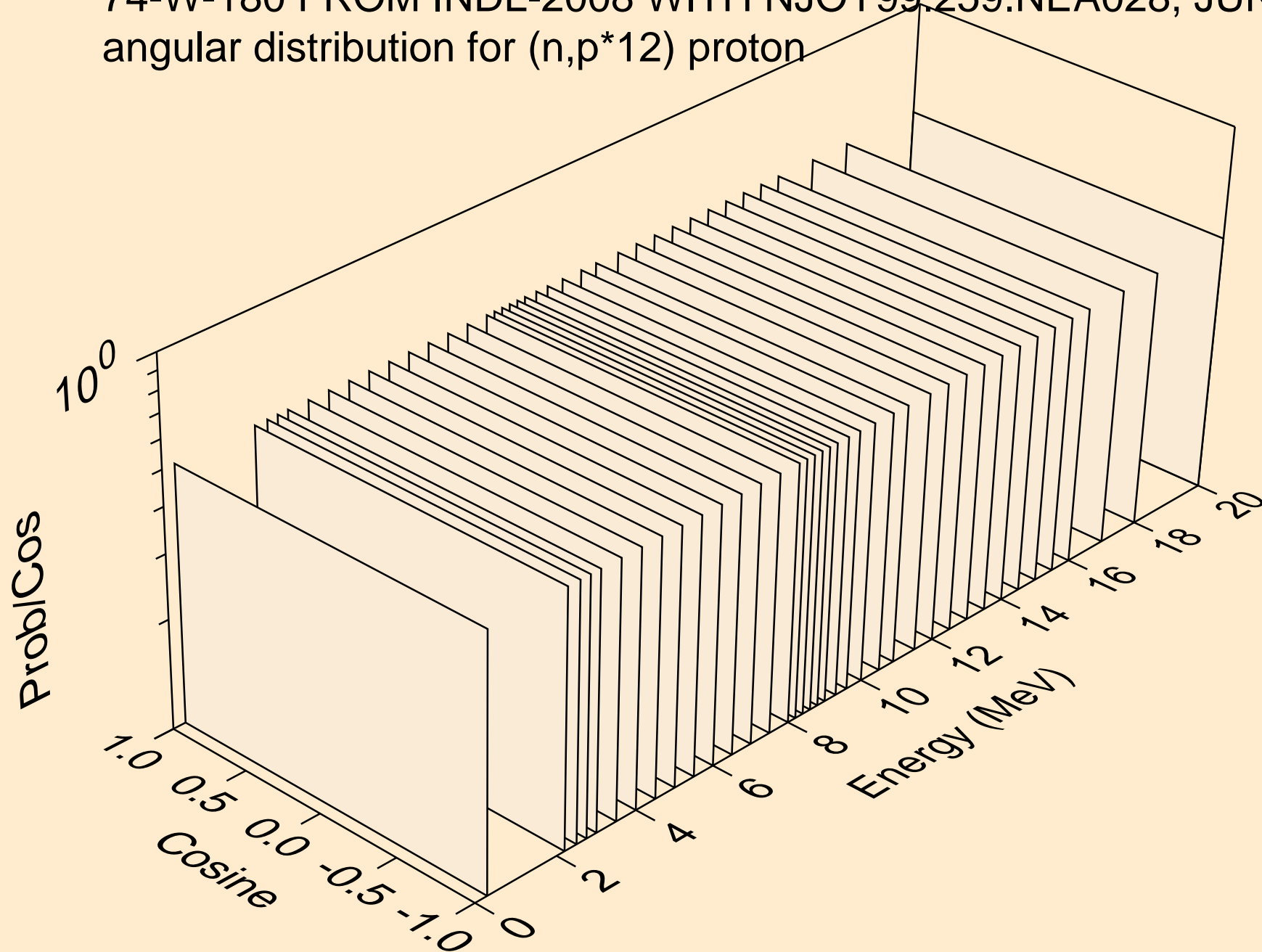


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2006  
angular distribution for (n,p\*11) proton

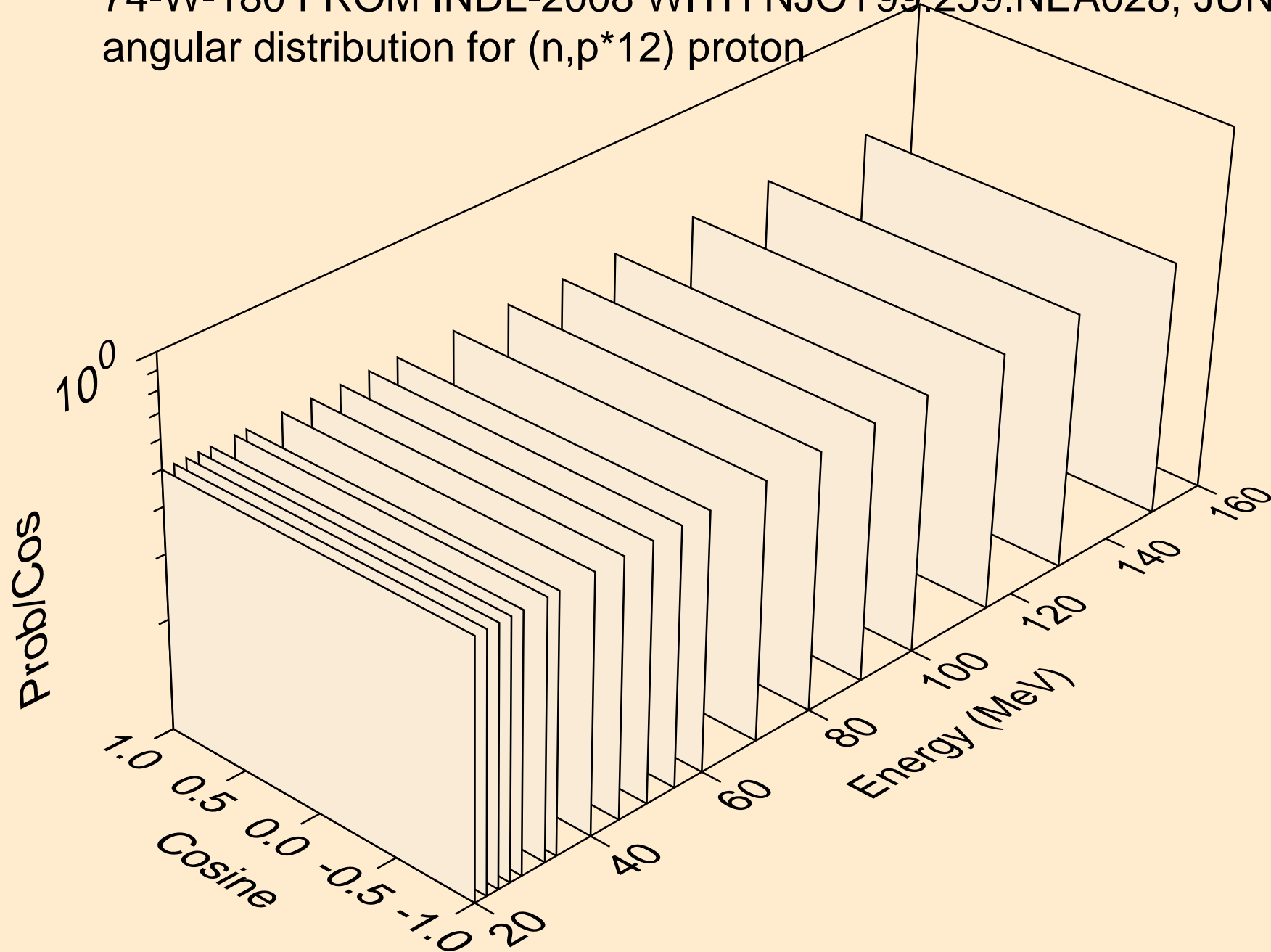




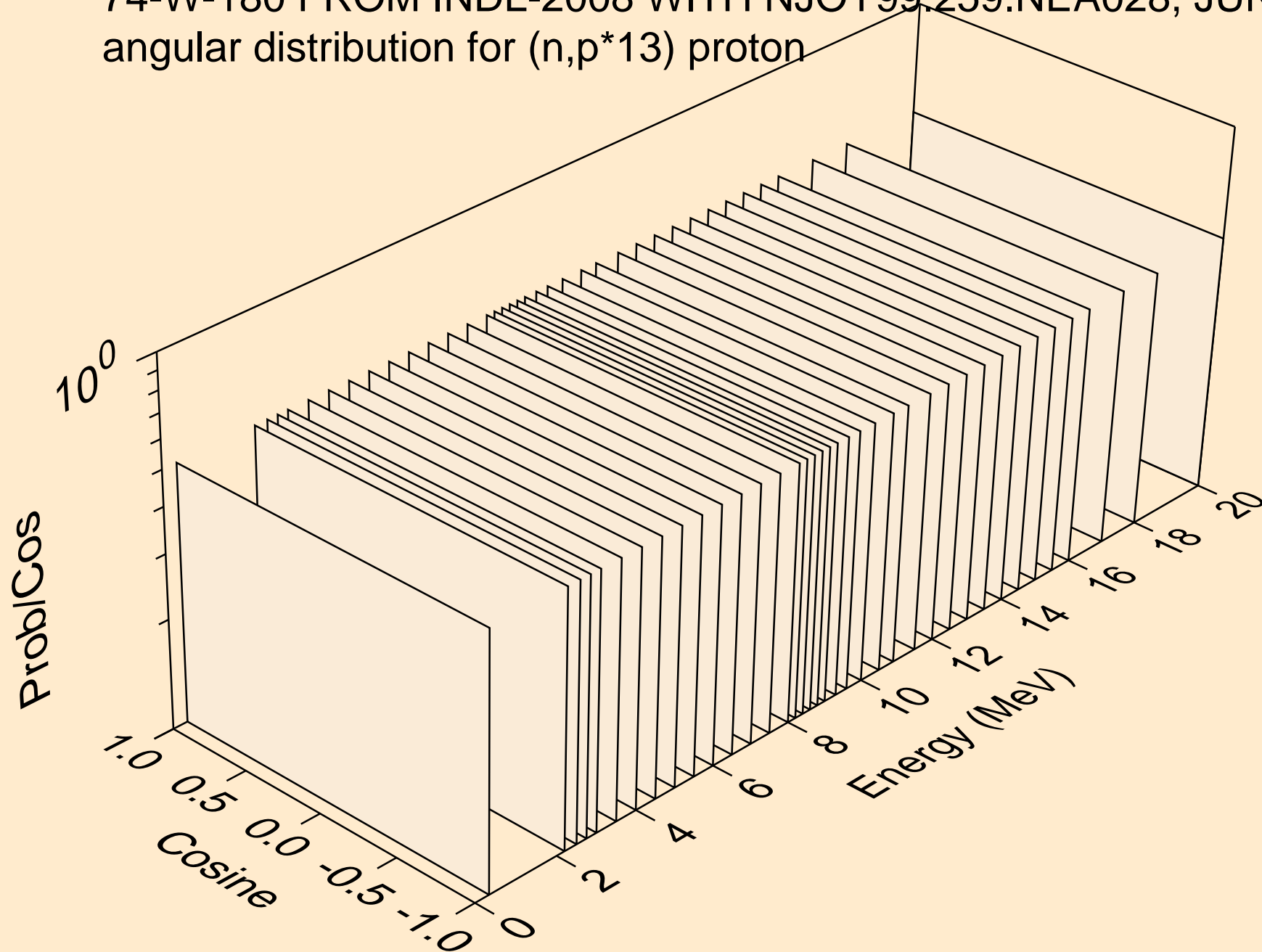
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*12) proton



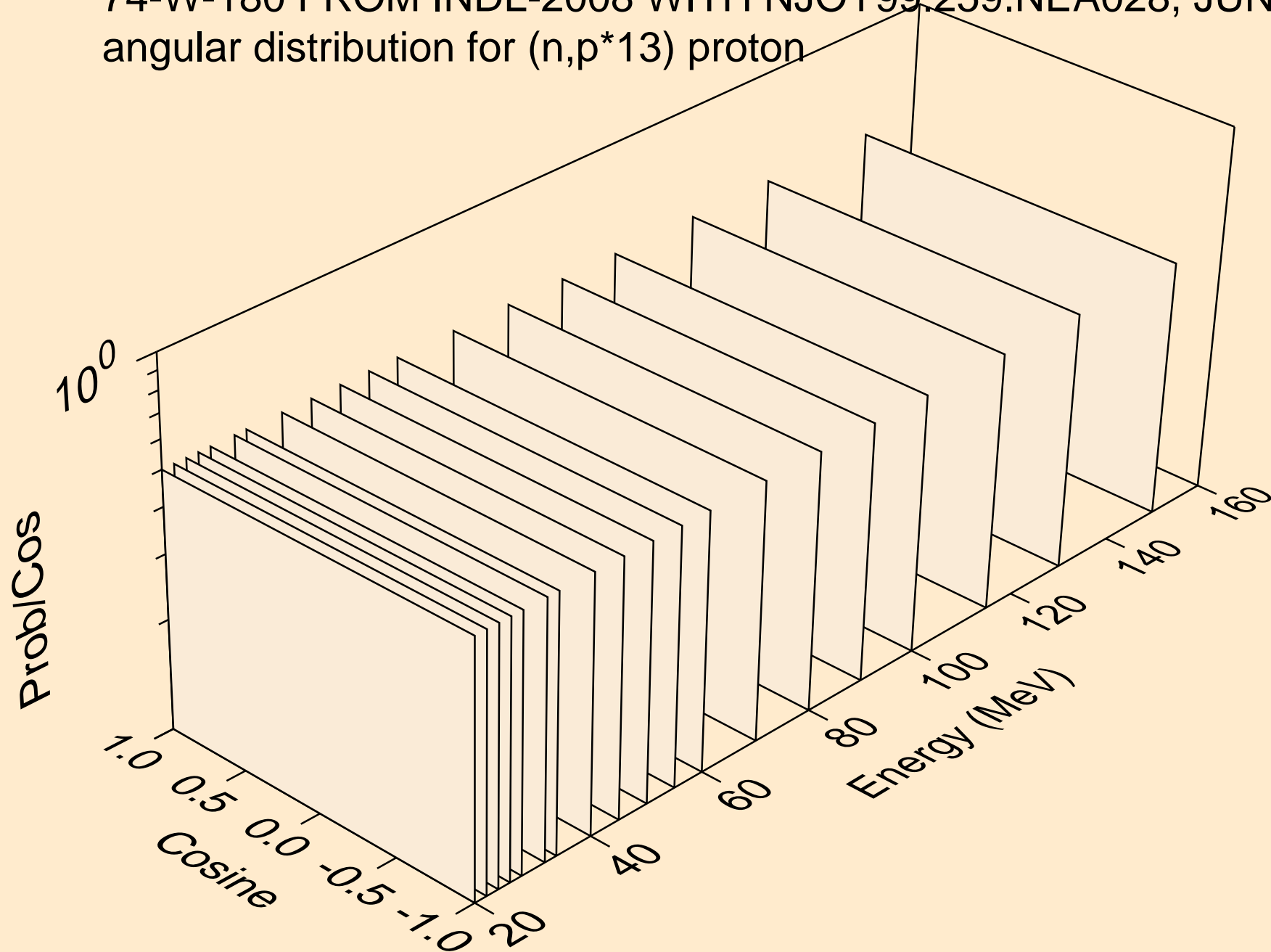
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2006  
angular distribution for (n,p\*12) proton



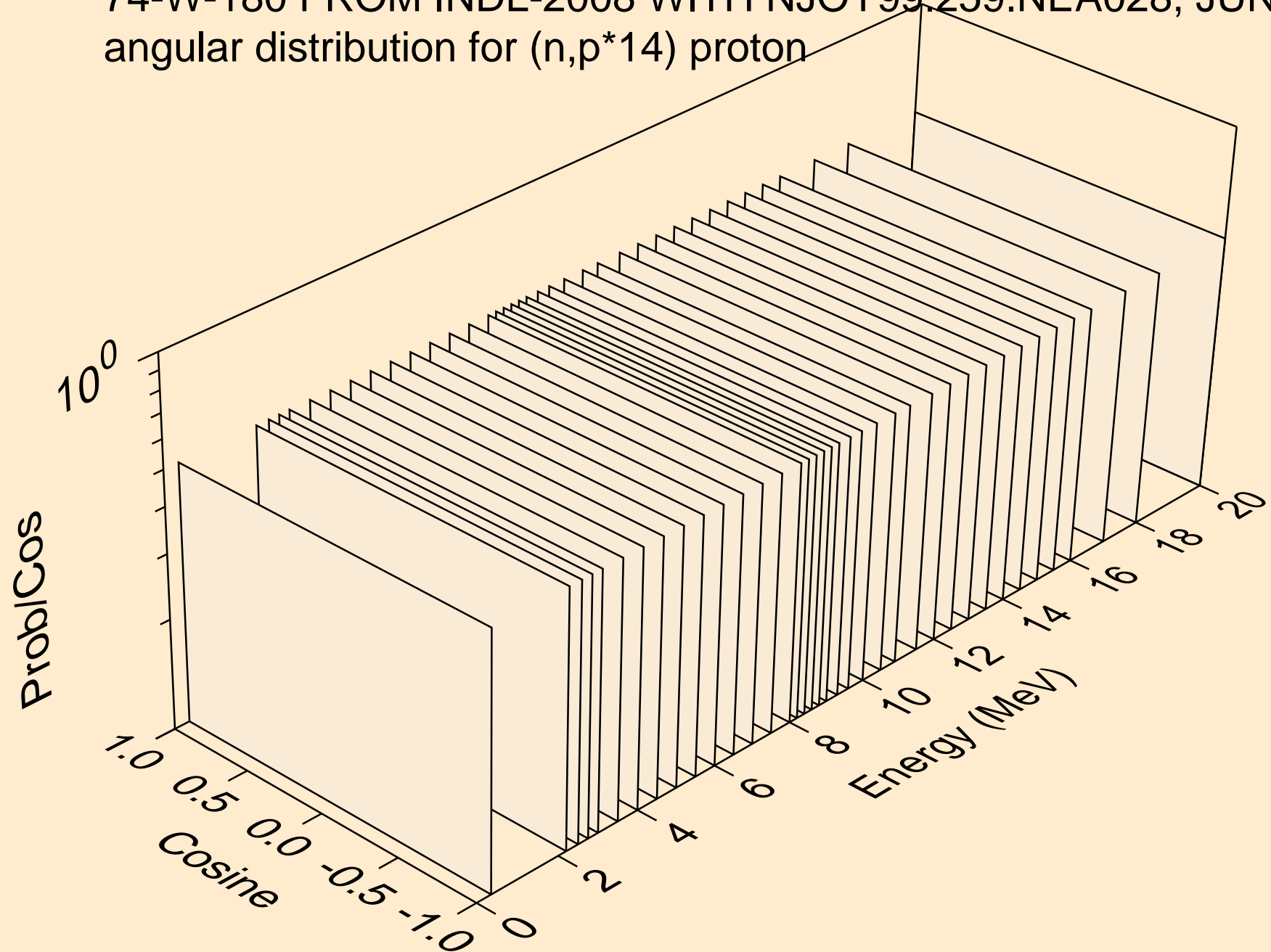
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*13) proton



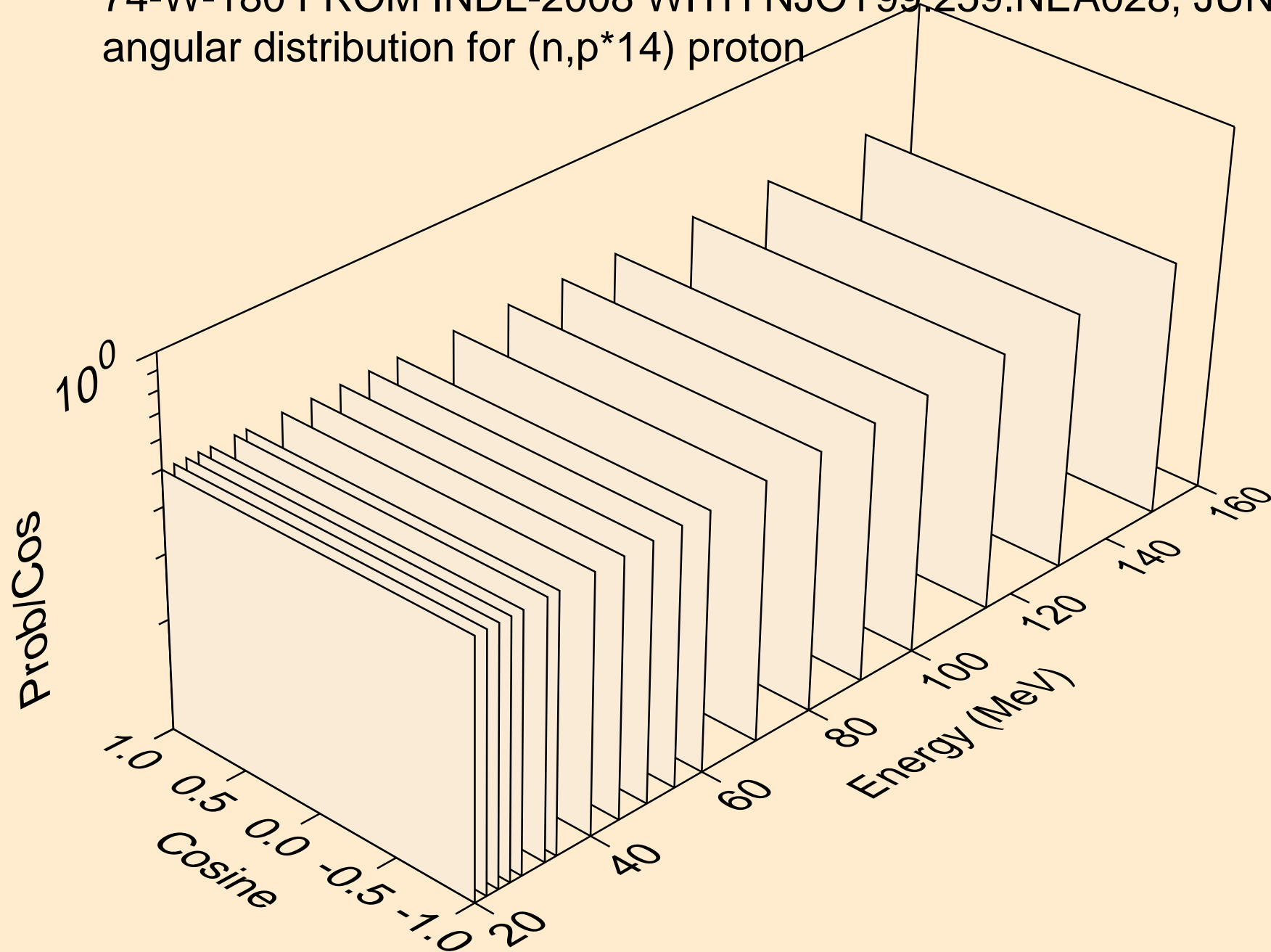
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*13) proton



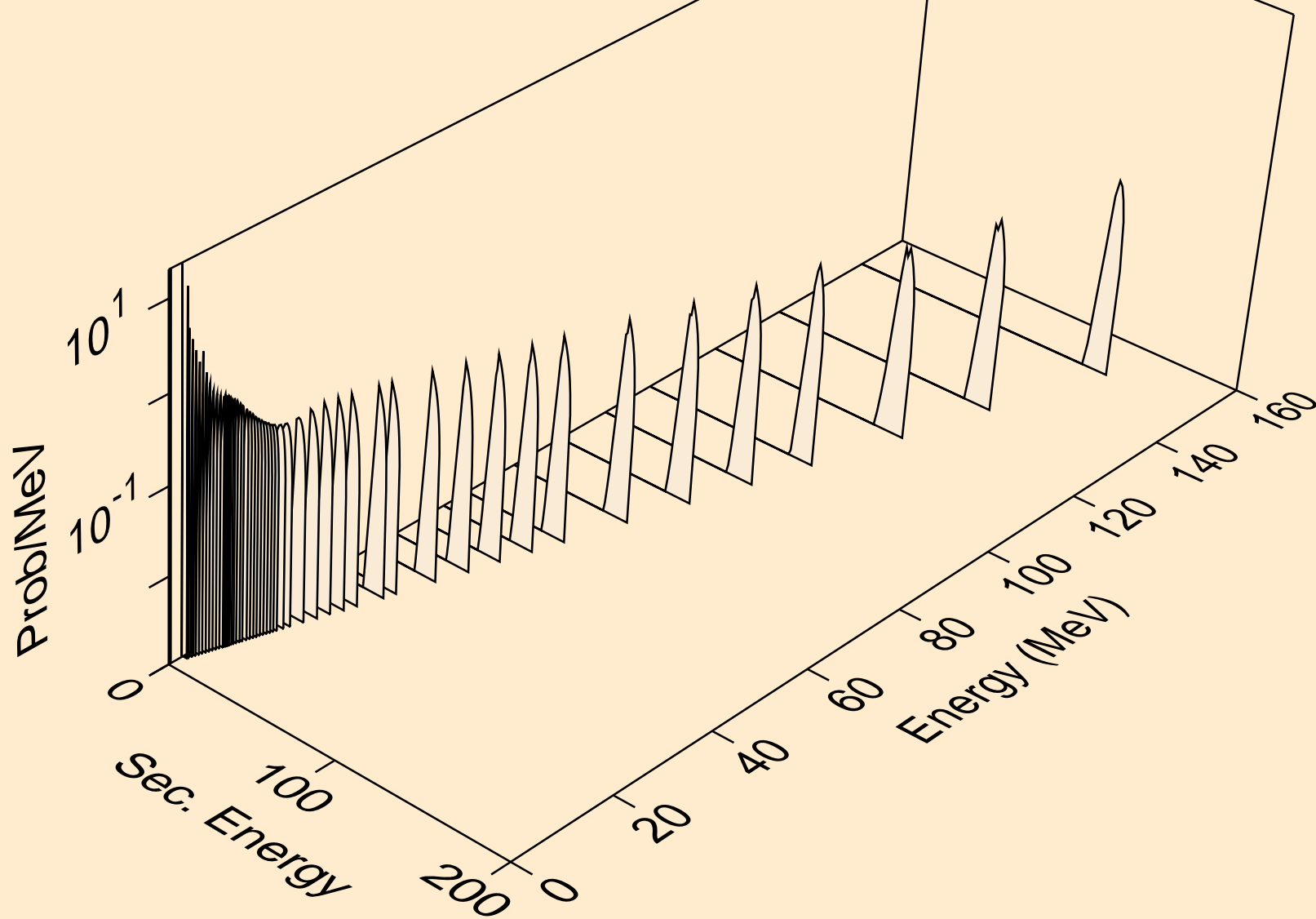
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*14) proton



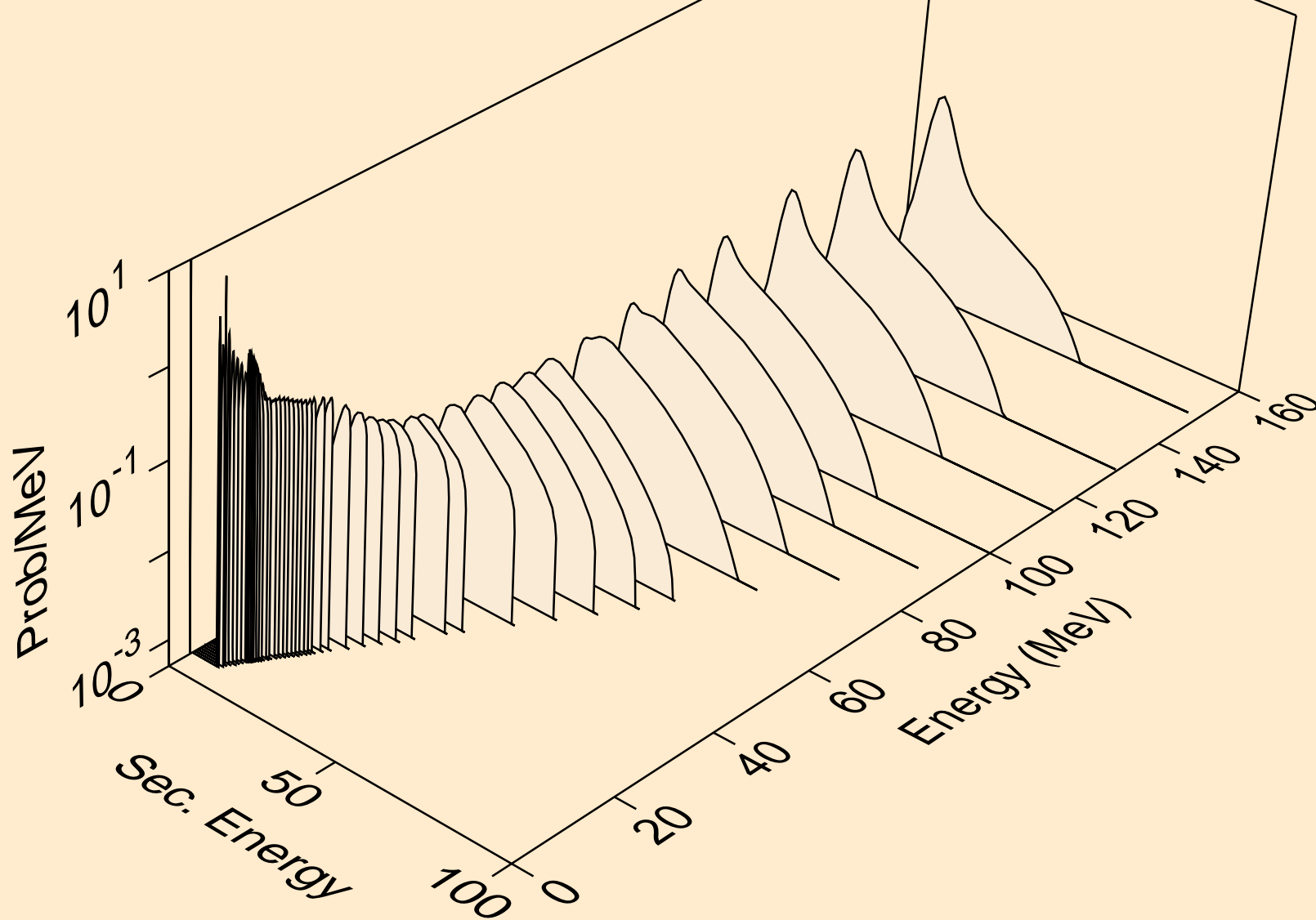
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,p\*14) proton



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
protons from (n,p\*c)

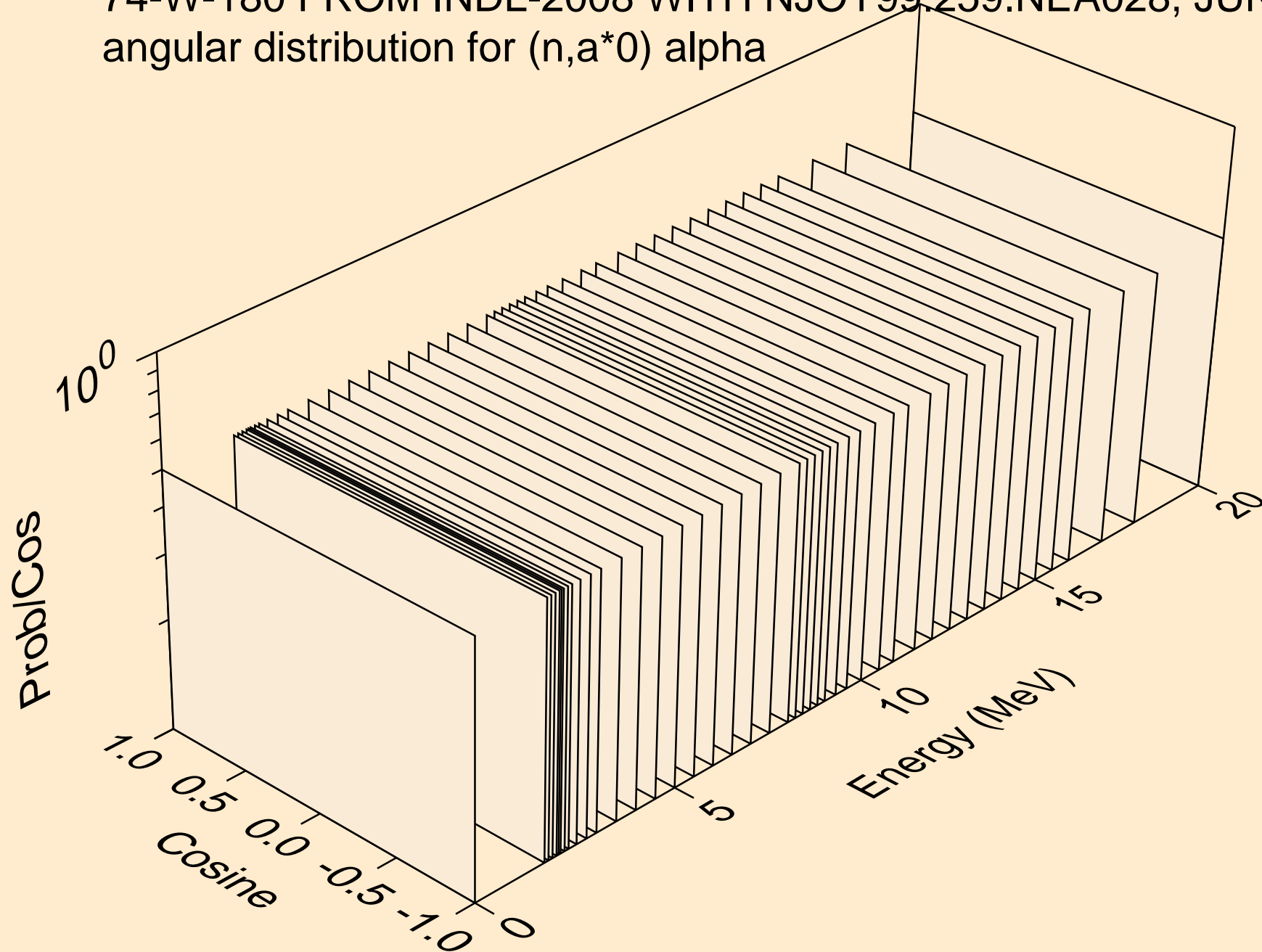


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
alphas from (n,x)

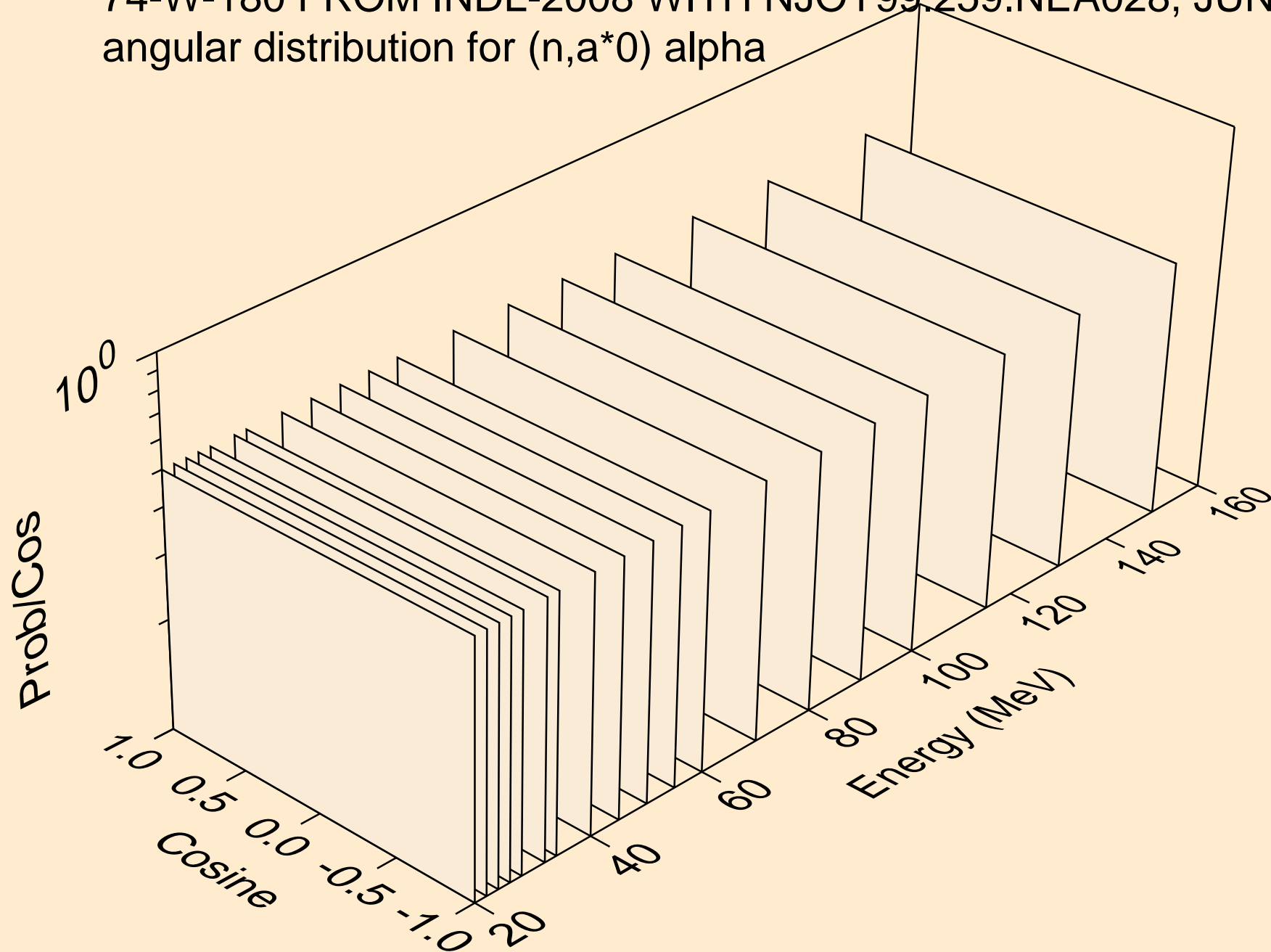




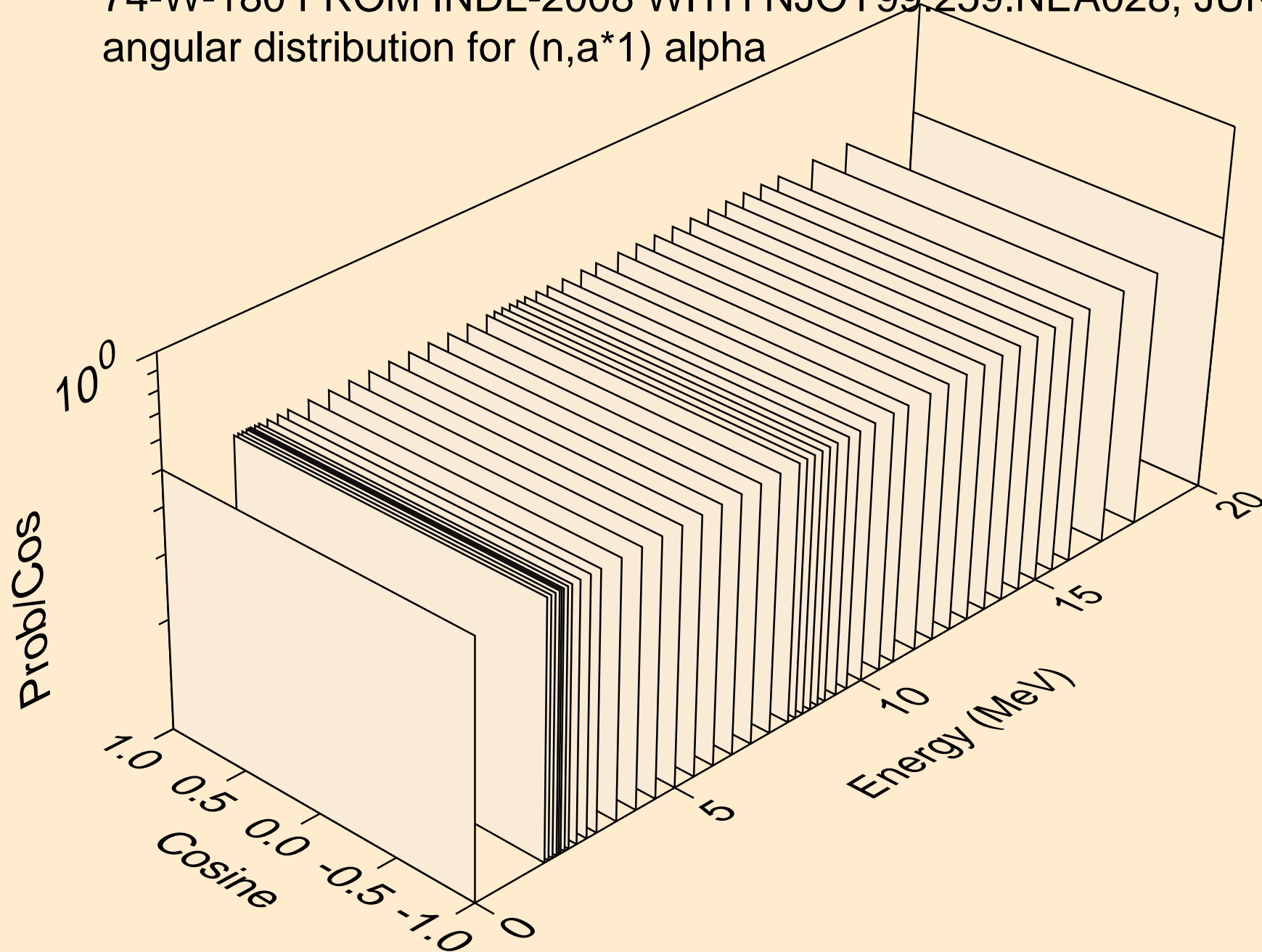
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*0) alpha



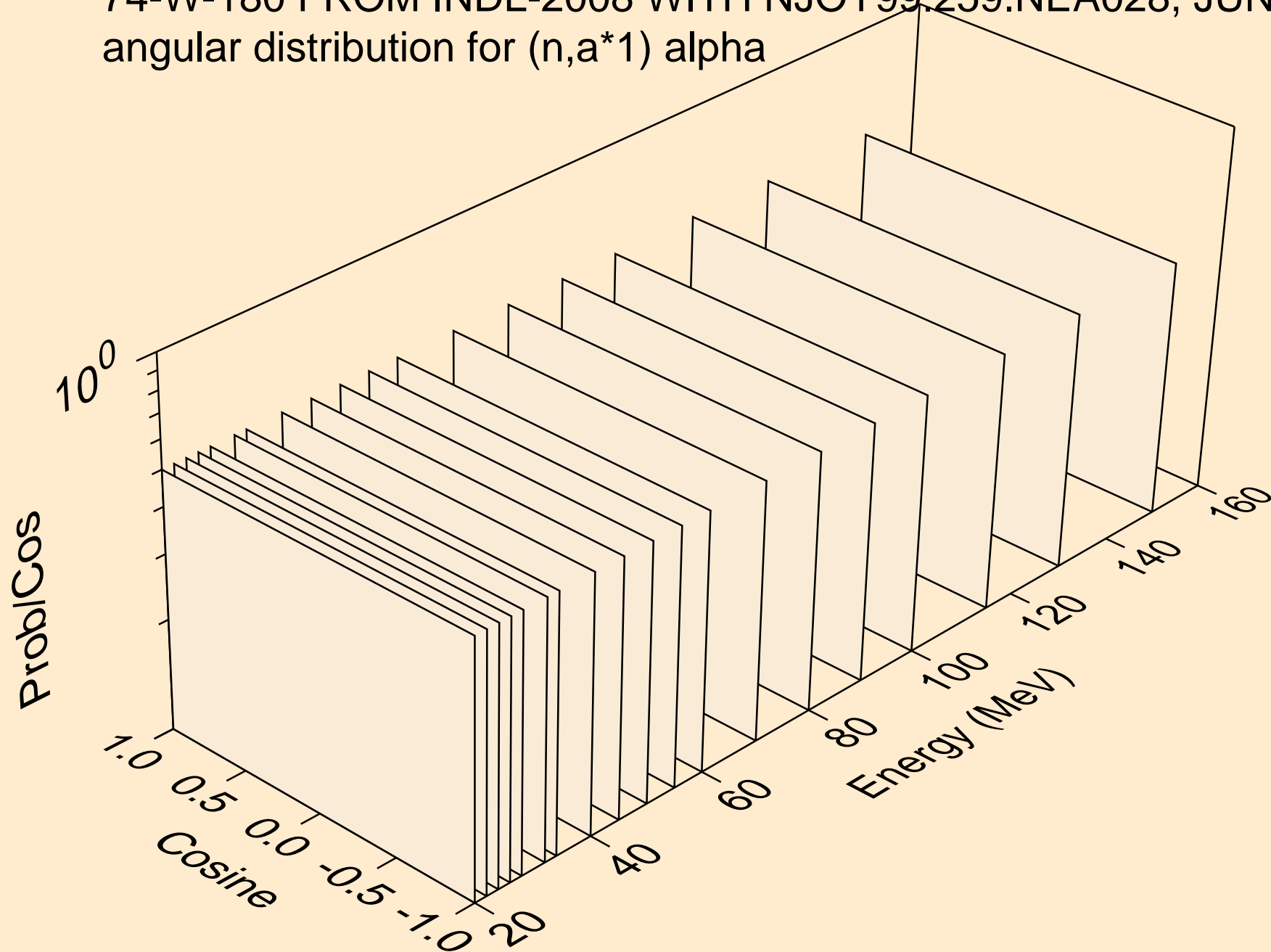
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n, $\alpha$ ) alpha



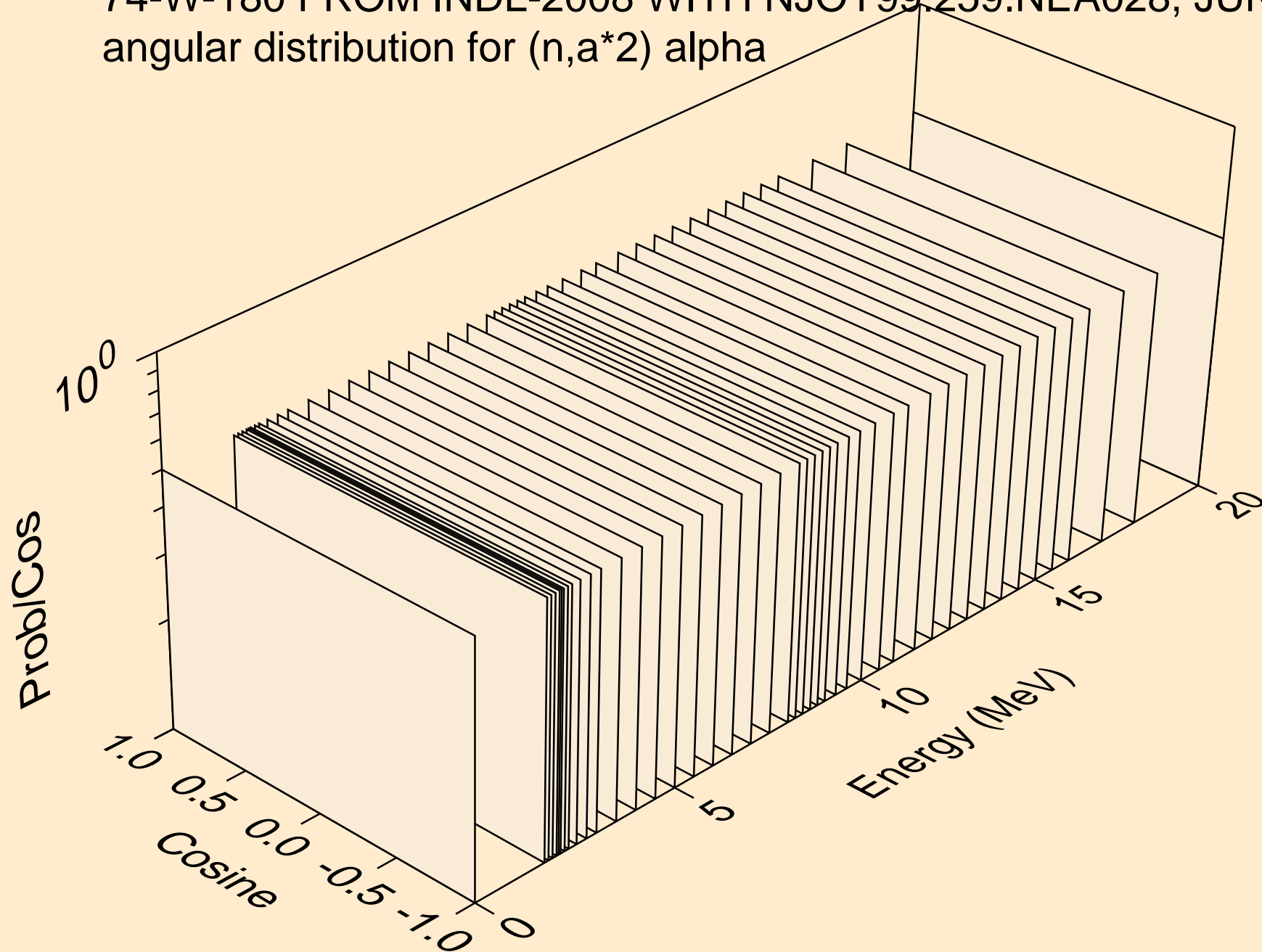
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*1) alpha



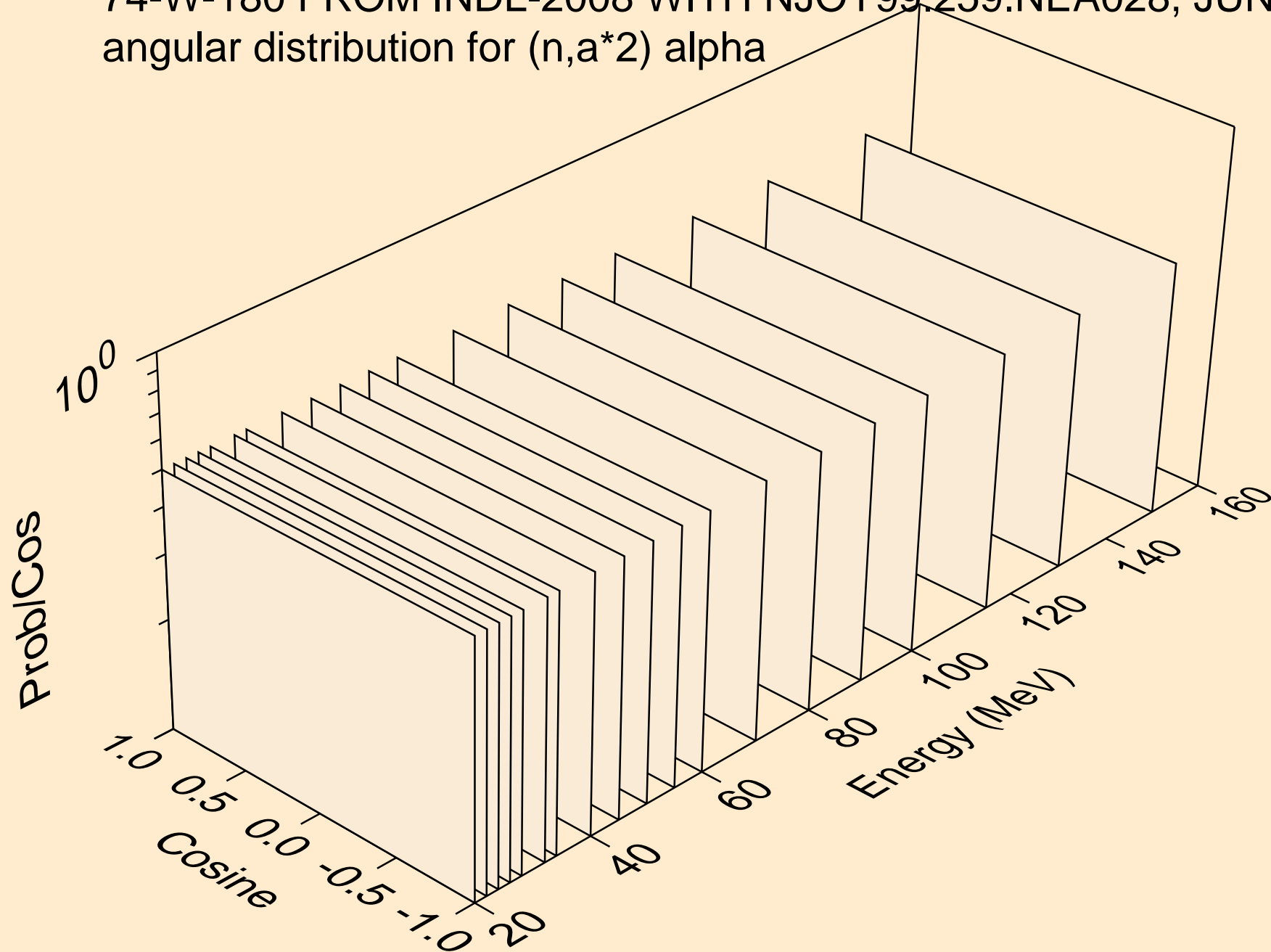
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*1) alpha



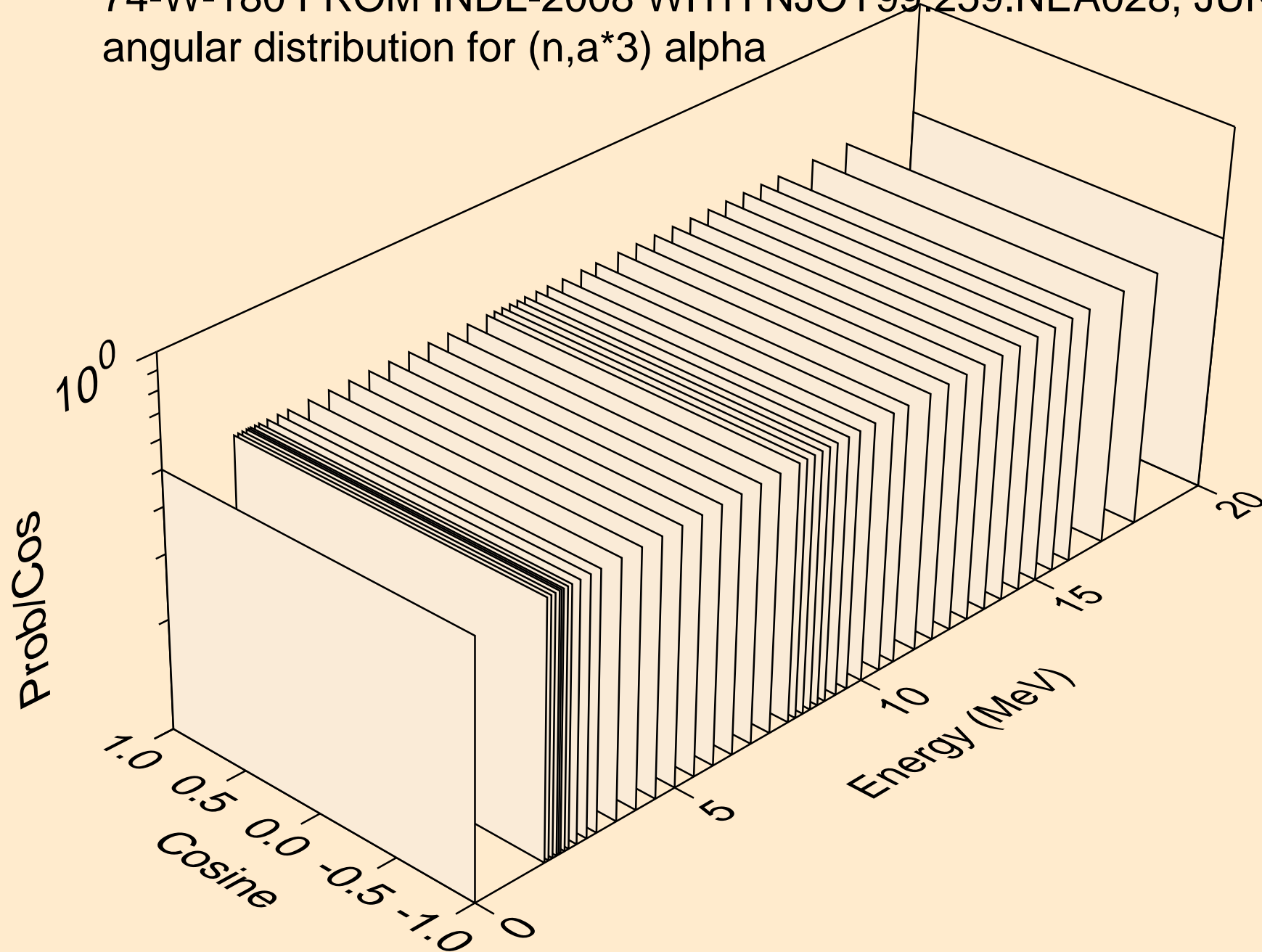
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*2) alpha



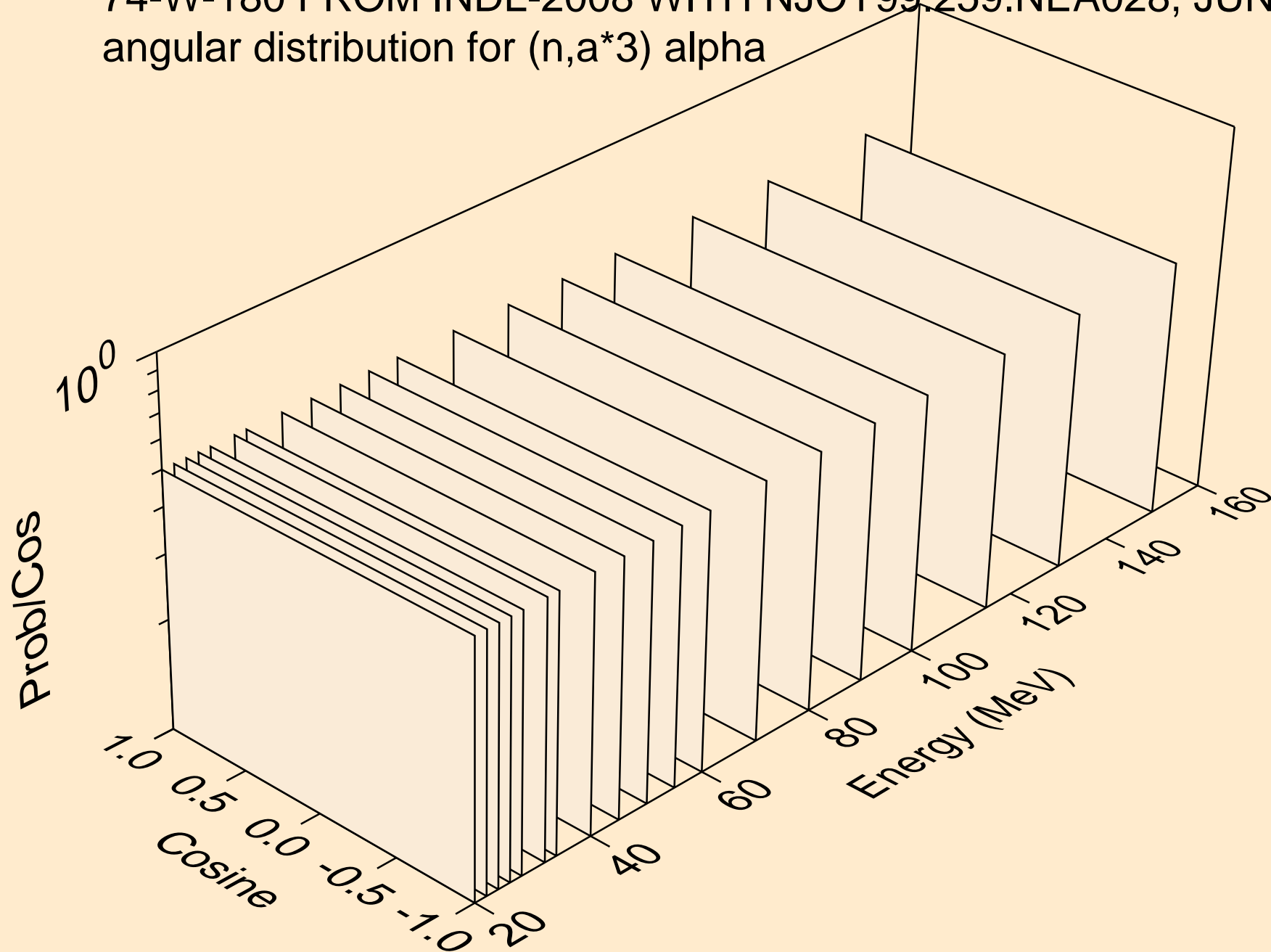
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*2) alpha



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*3) alpha

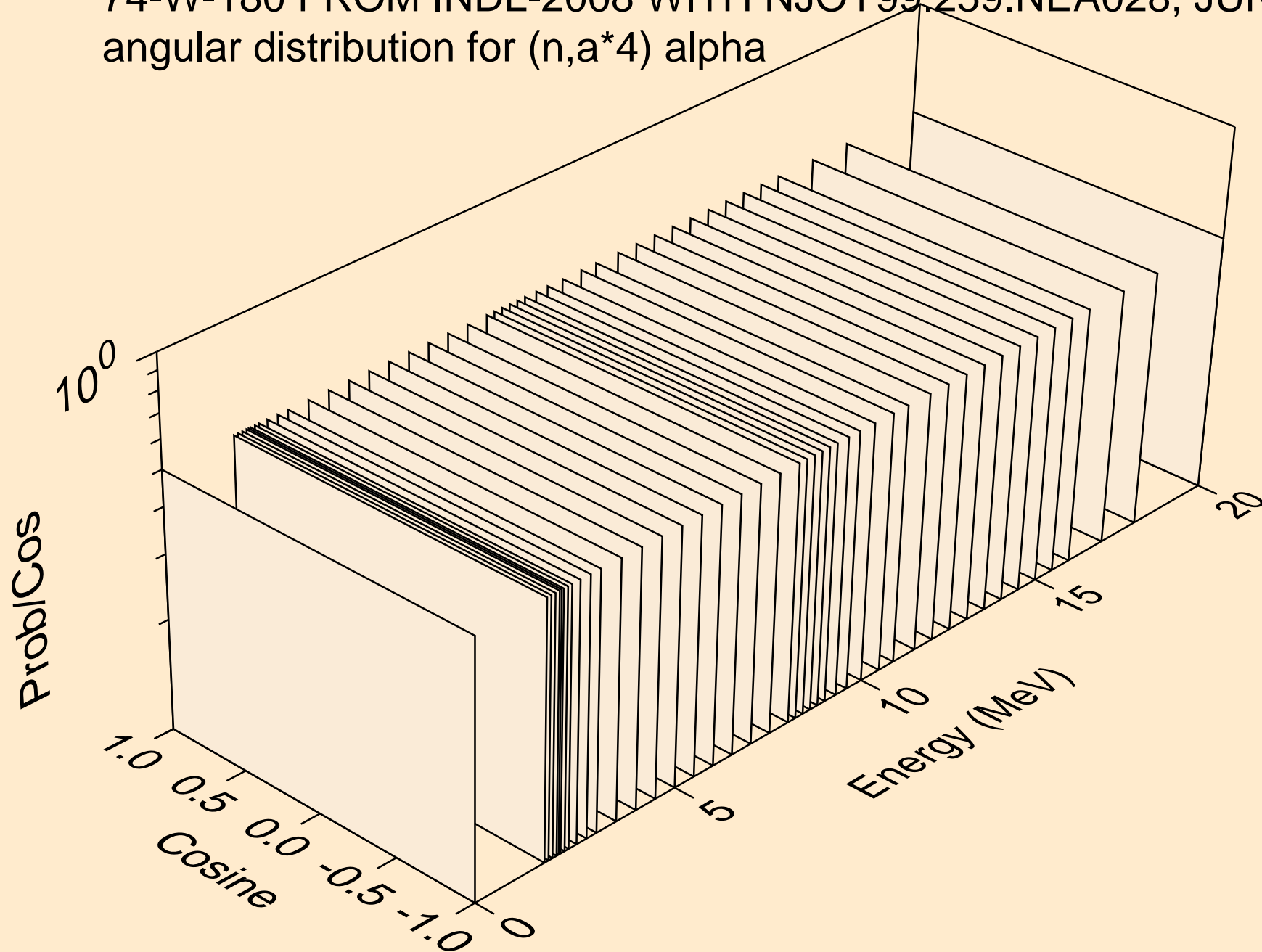


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*3) alpha

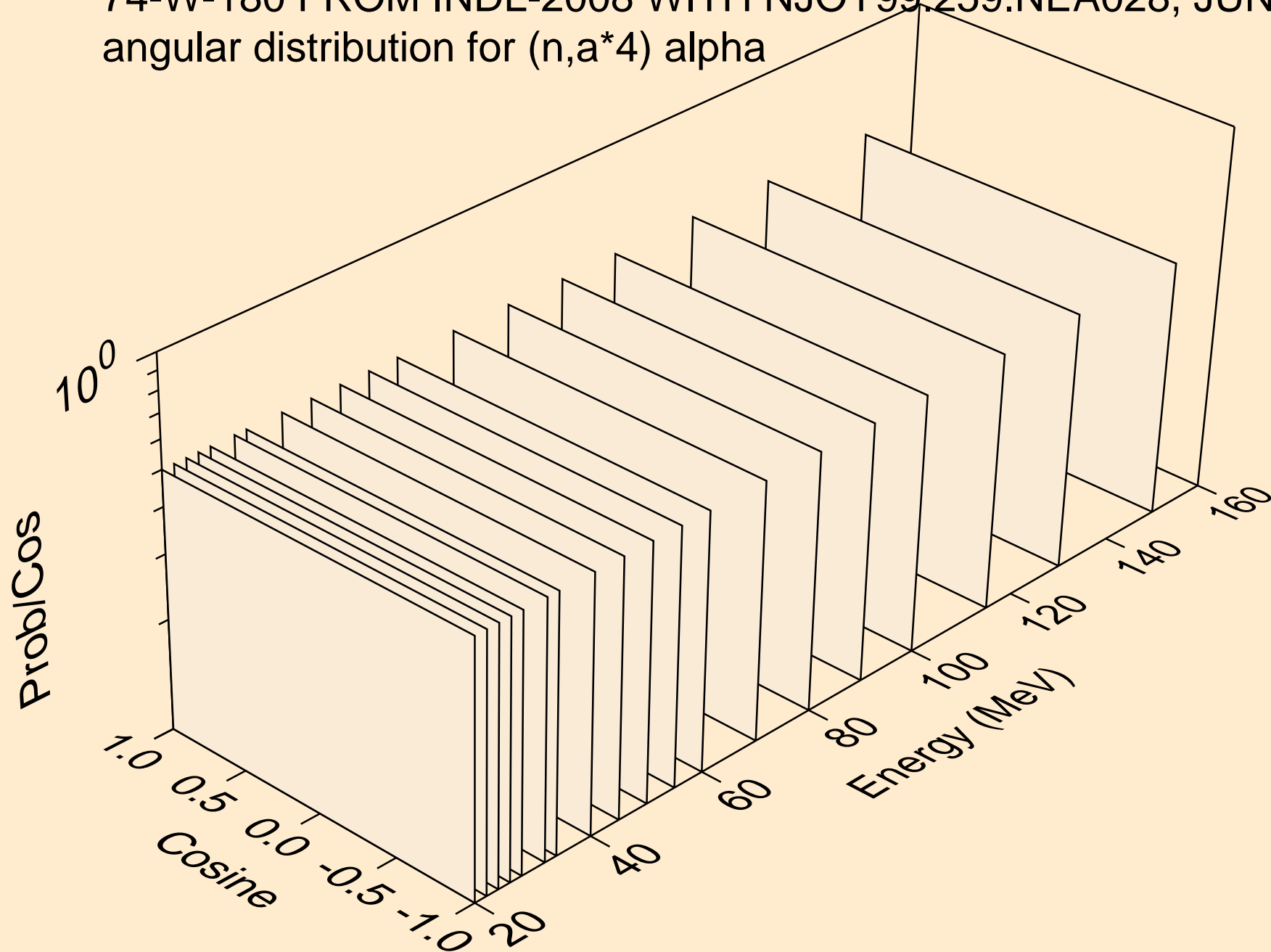




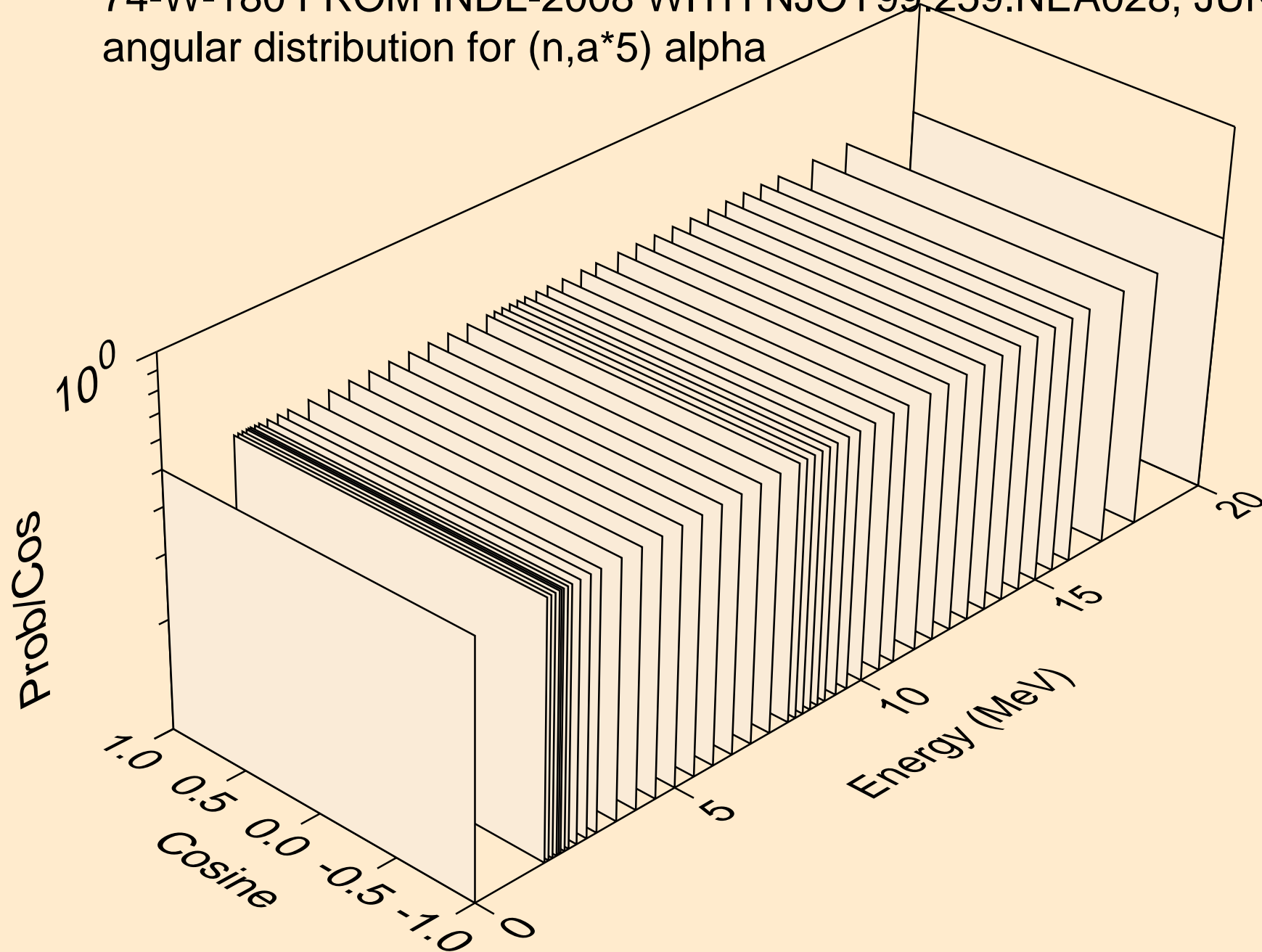
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*4) alpha



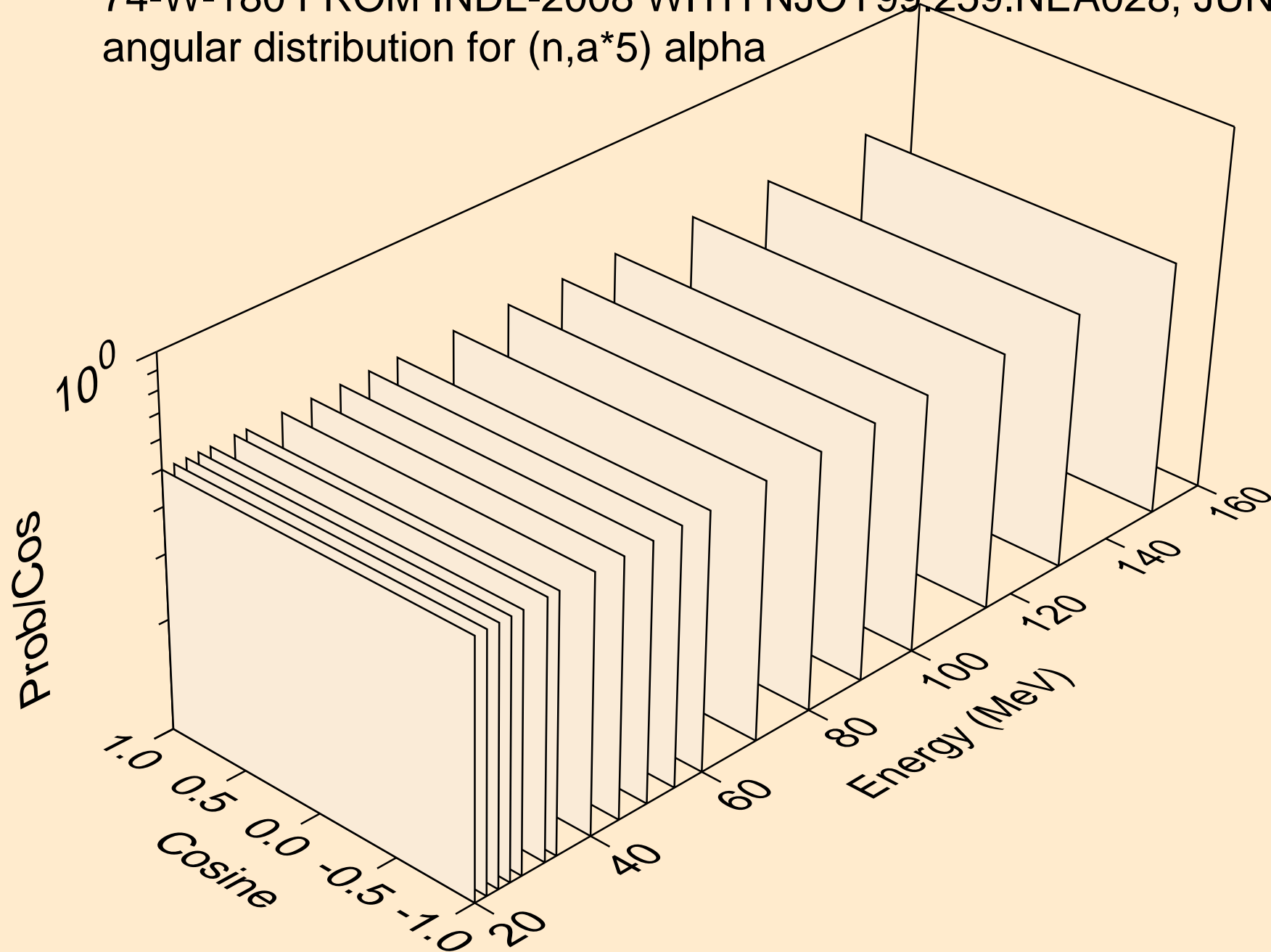
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*4) alpha



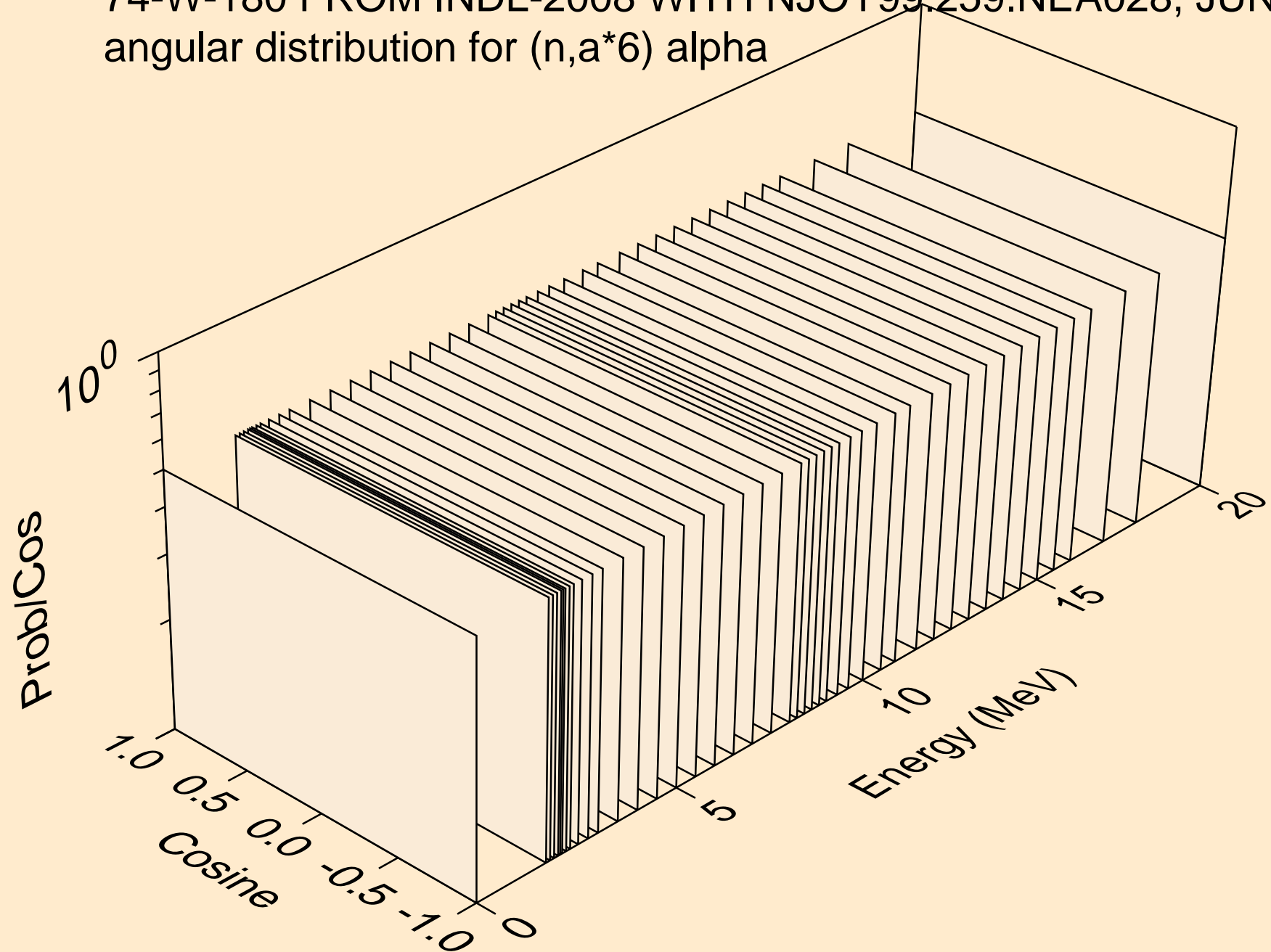
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*5) alpha



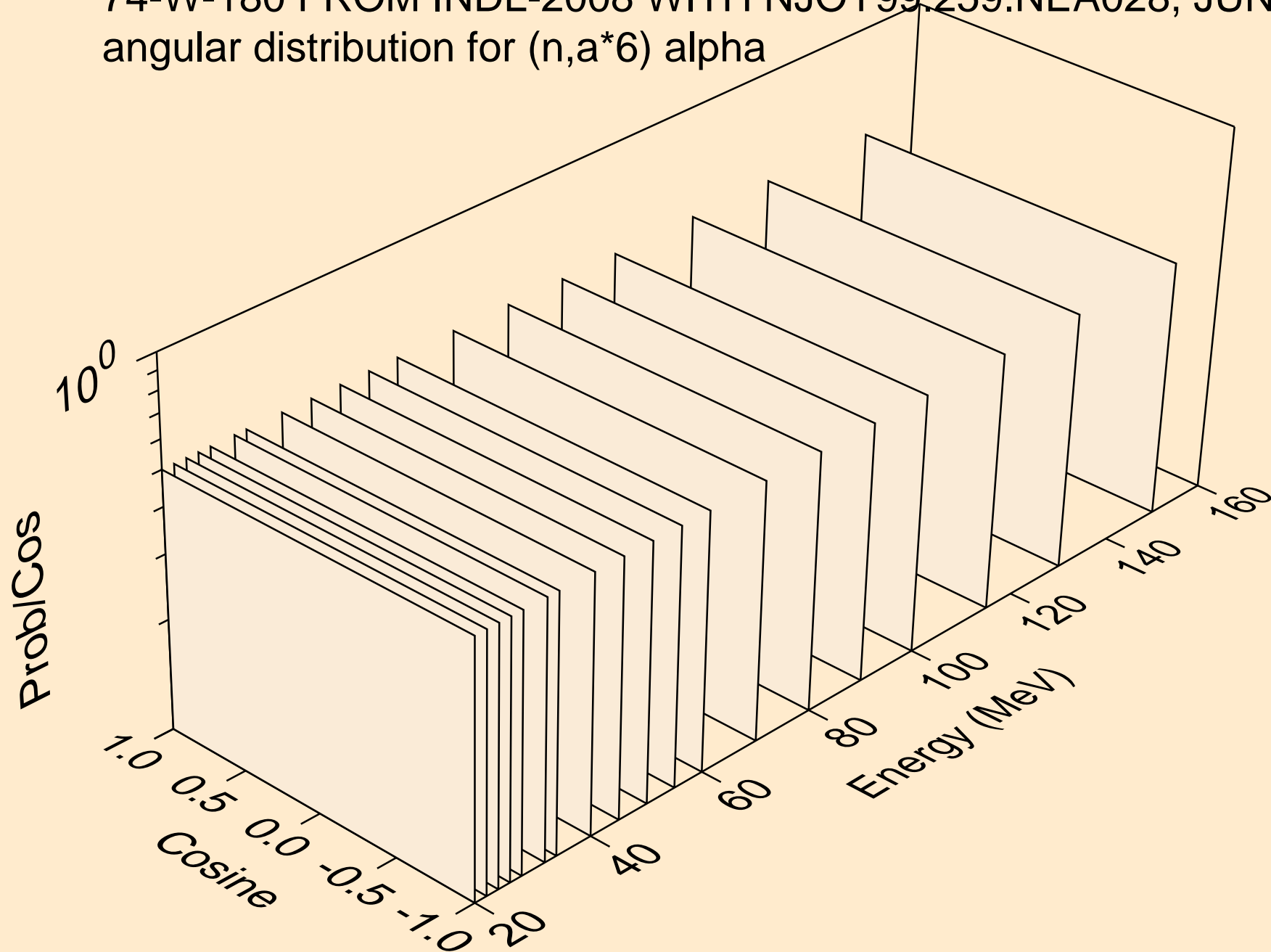
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*5) alpha



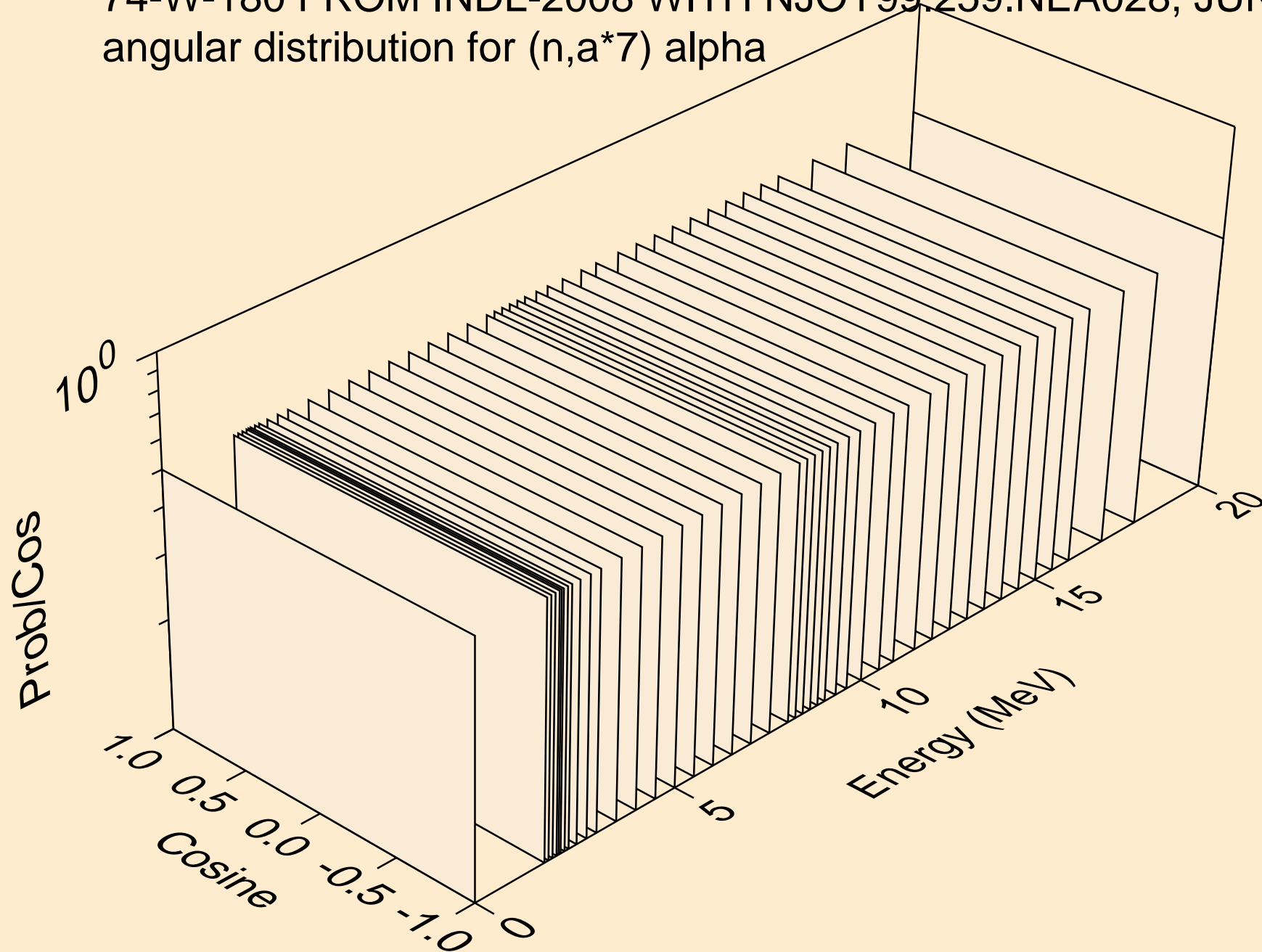
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*6) alpha



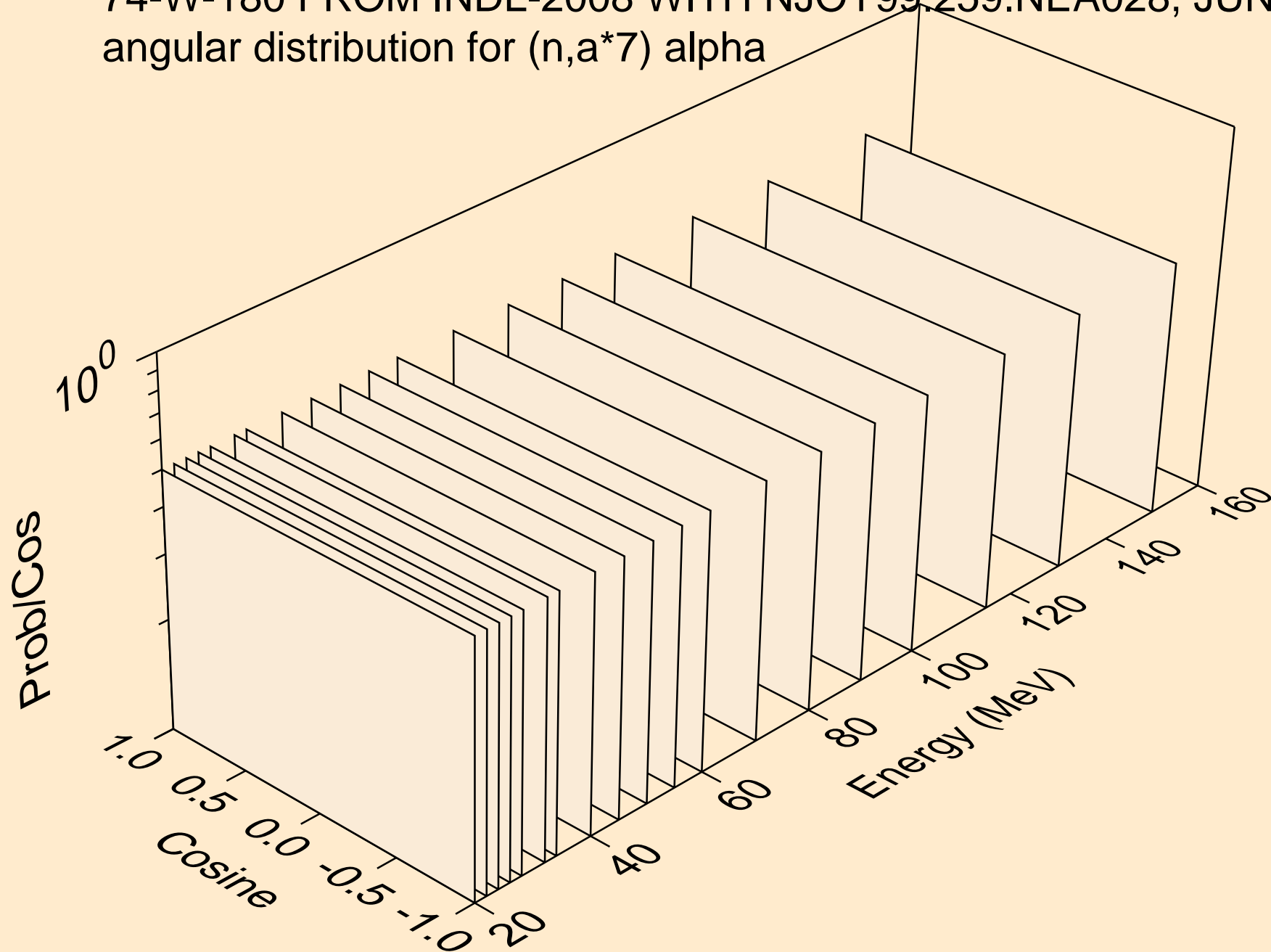
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*6) alpha



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n, $\alpha$ \*7) alpha

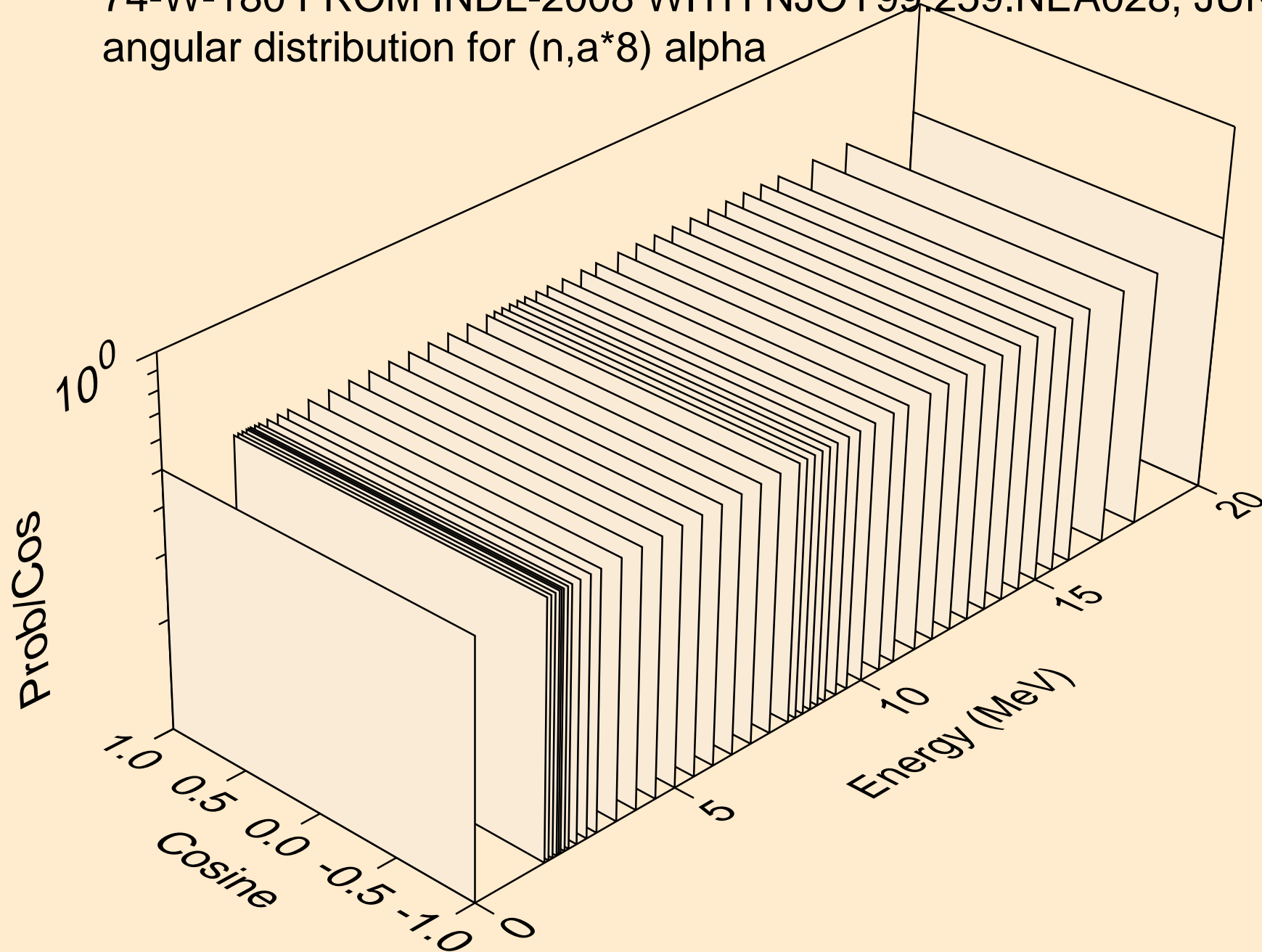


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n, $\alpha$ \*7) alpha

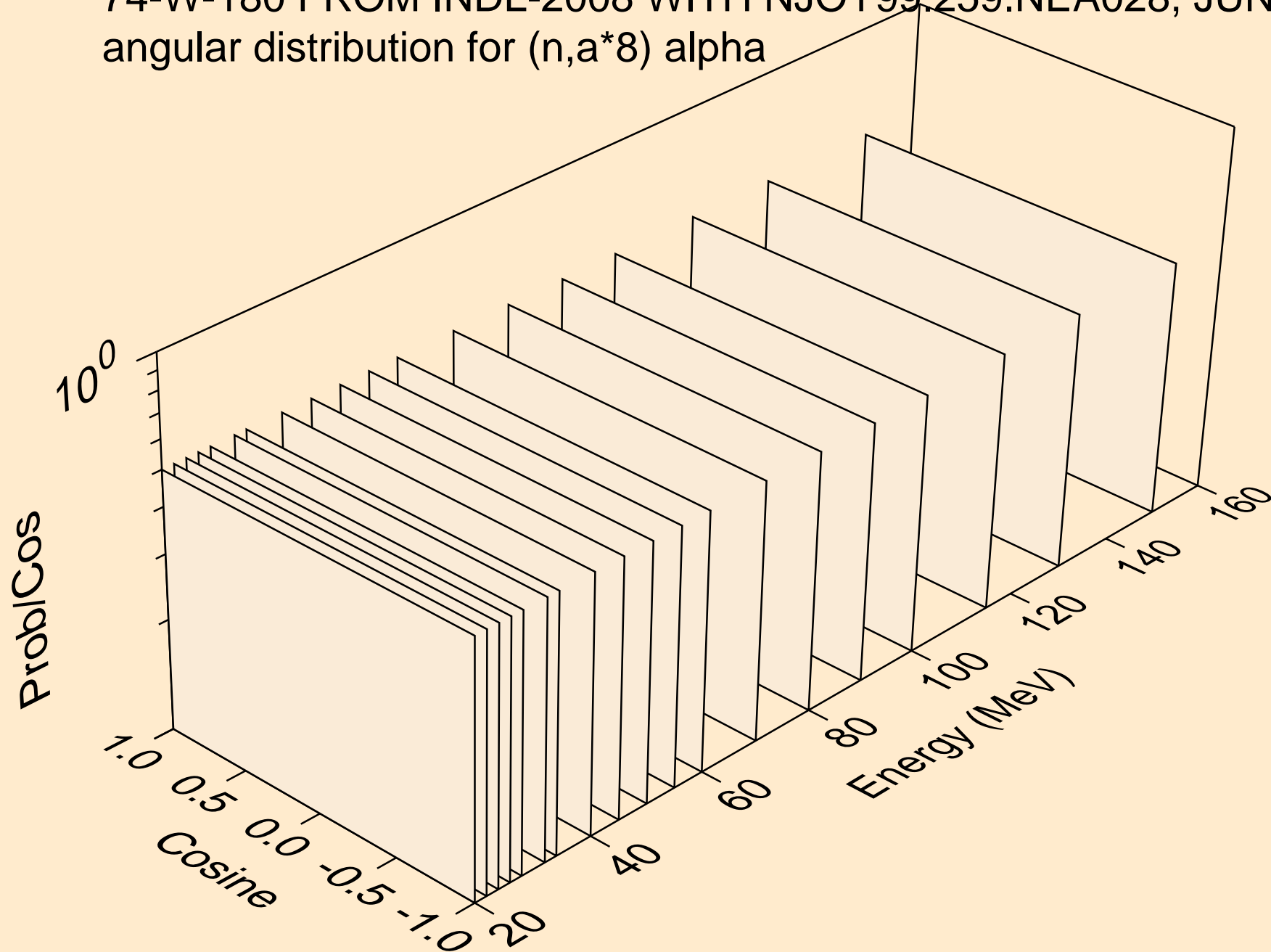




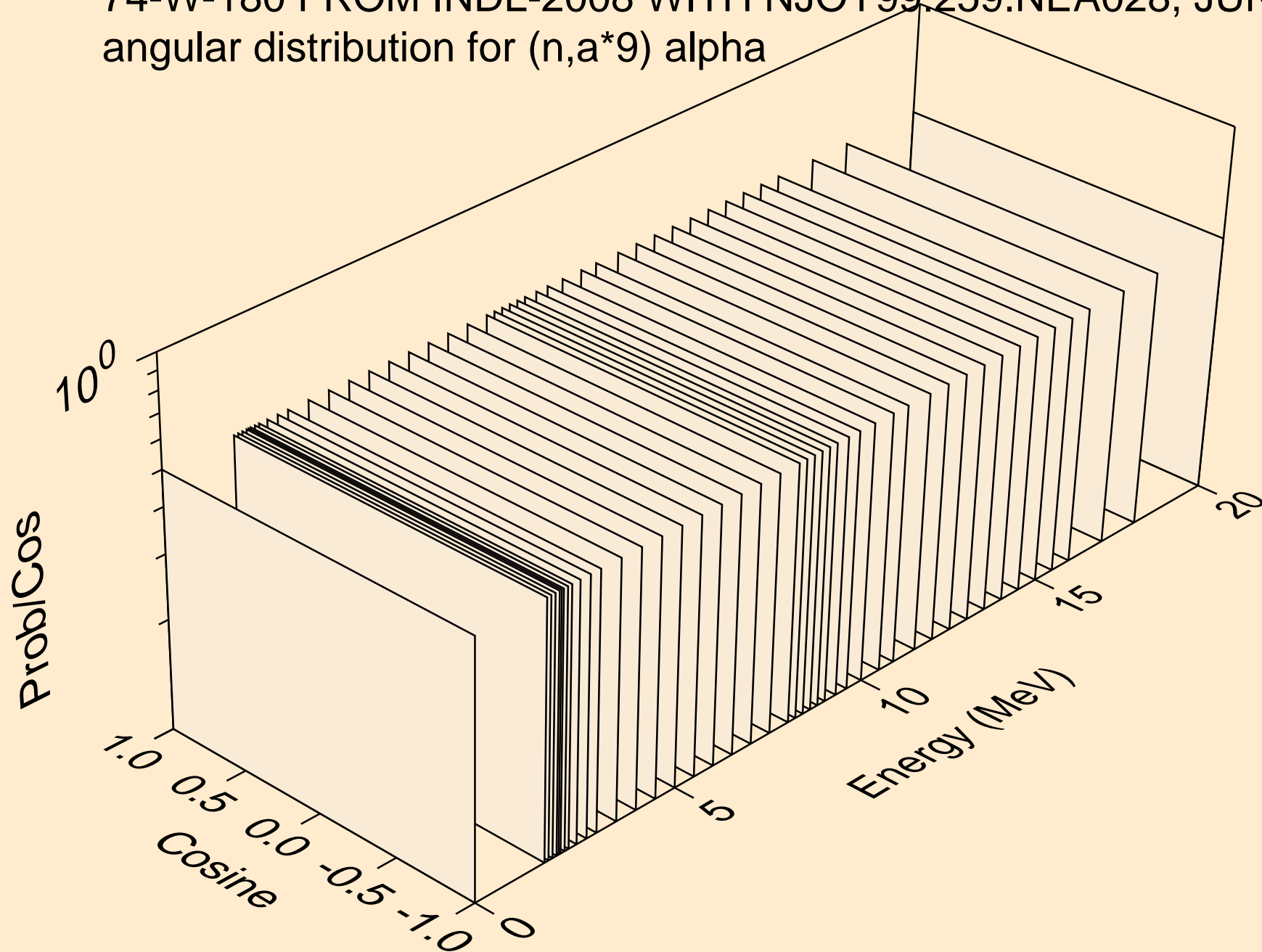
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*8) alpha



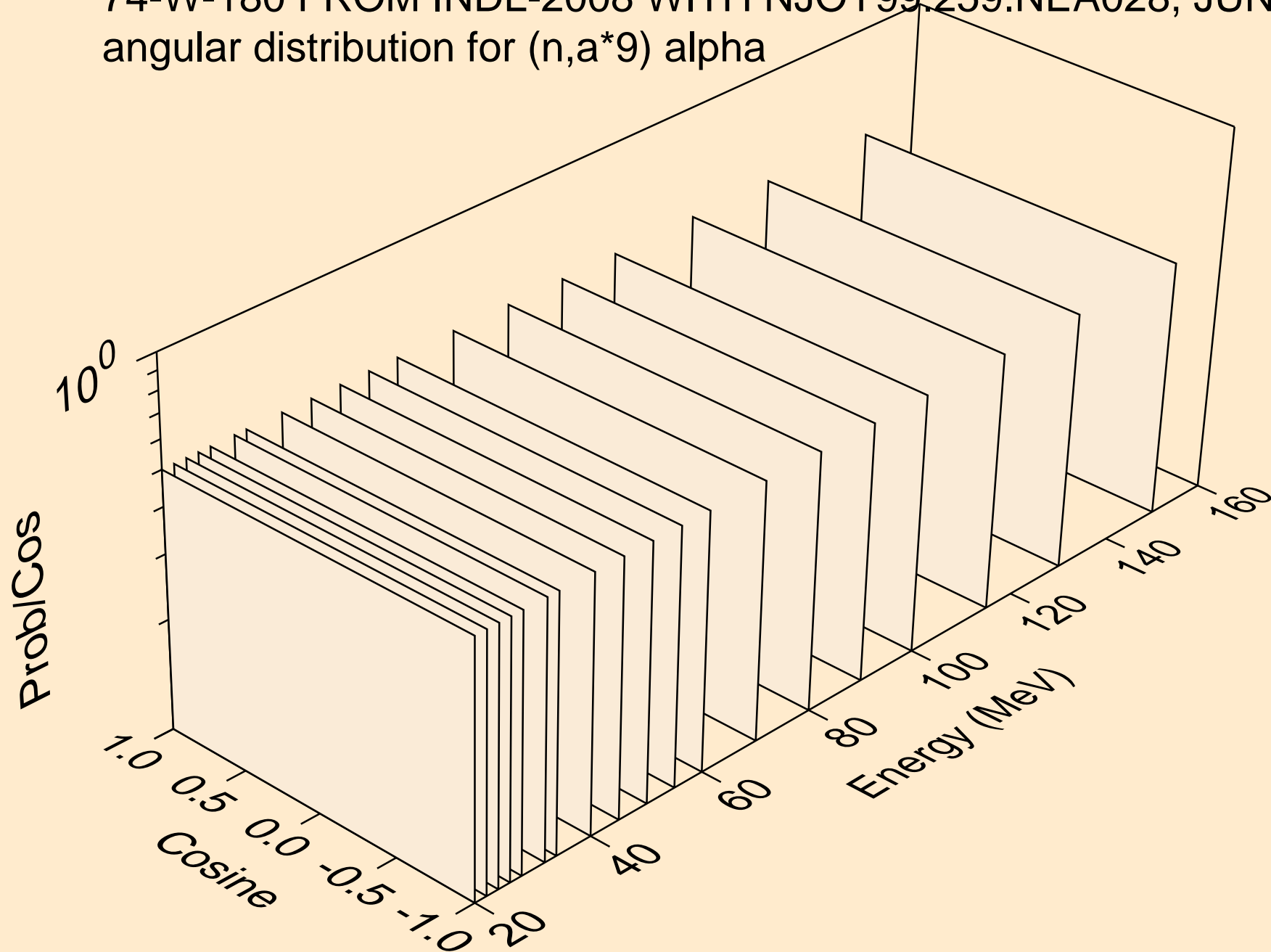
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*8) alpha



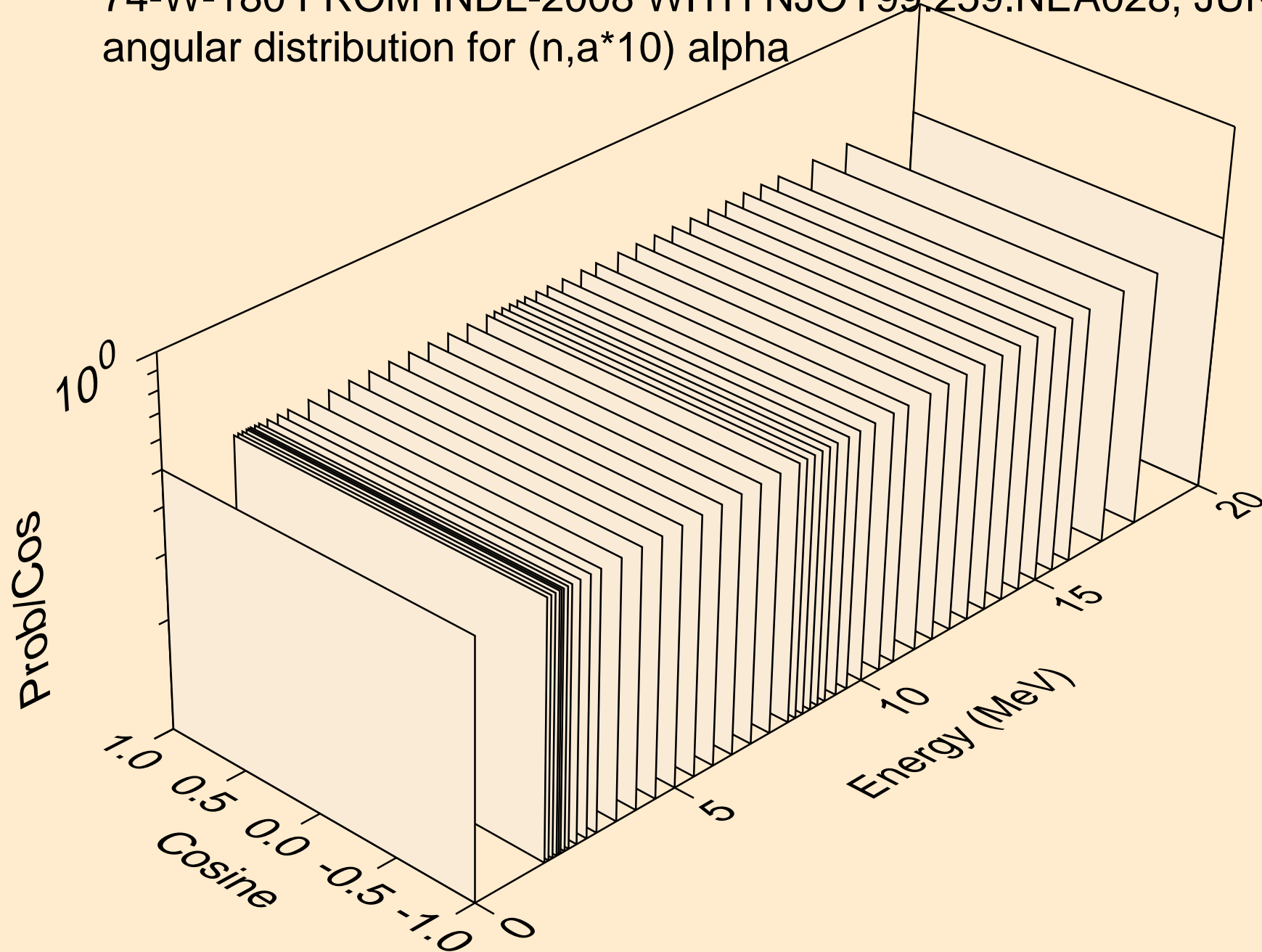
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*9) alpha



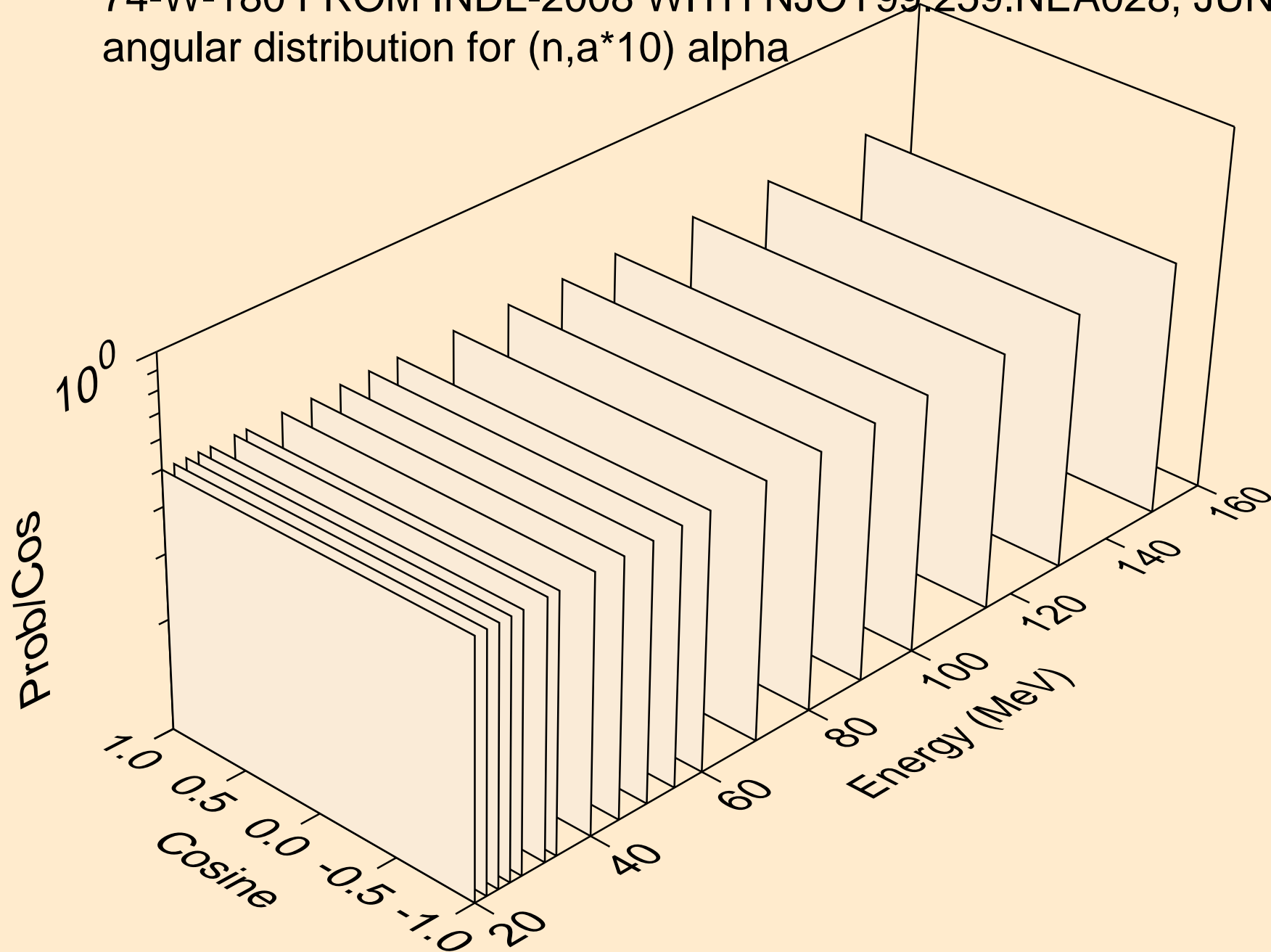
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*9) alpha



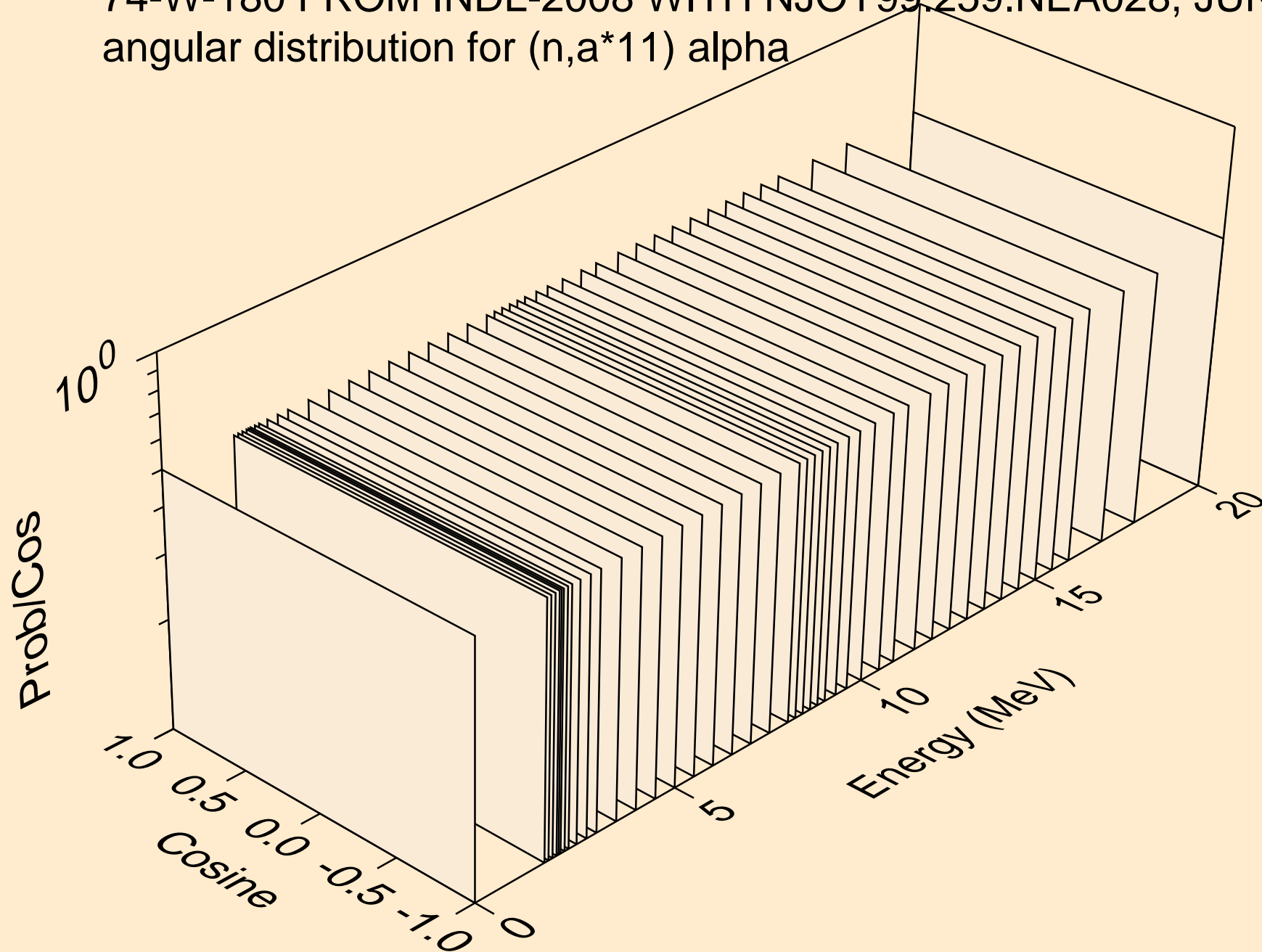
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*10) alpha



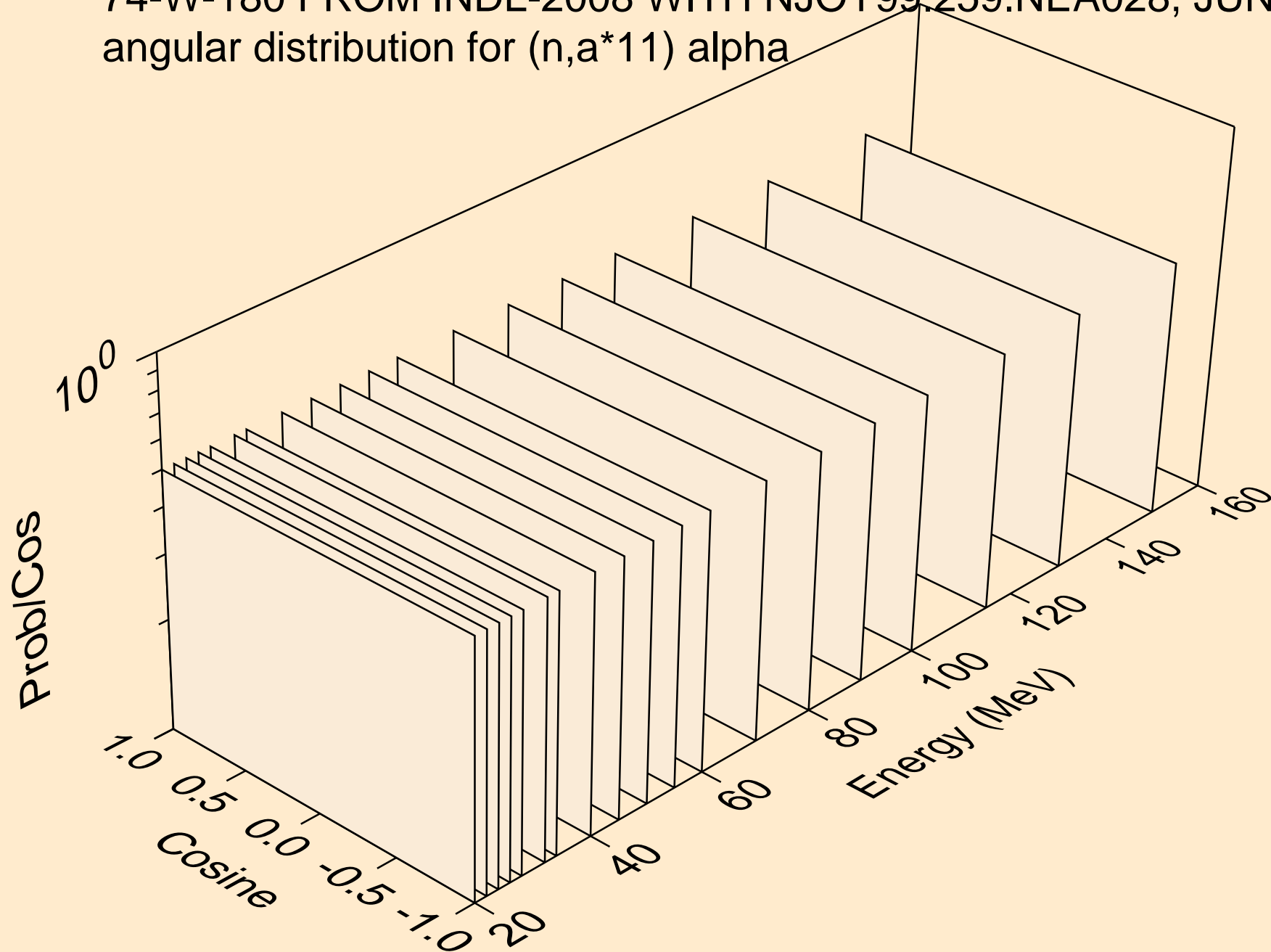
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*10) alpha



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n, $\alpha$ \*11) alpha

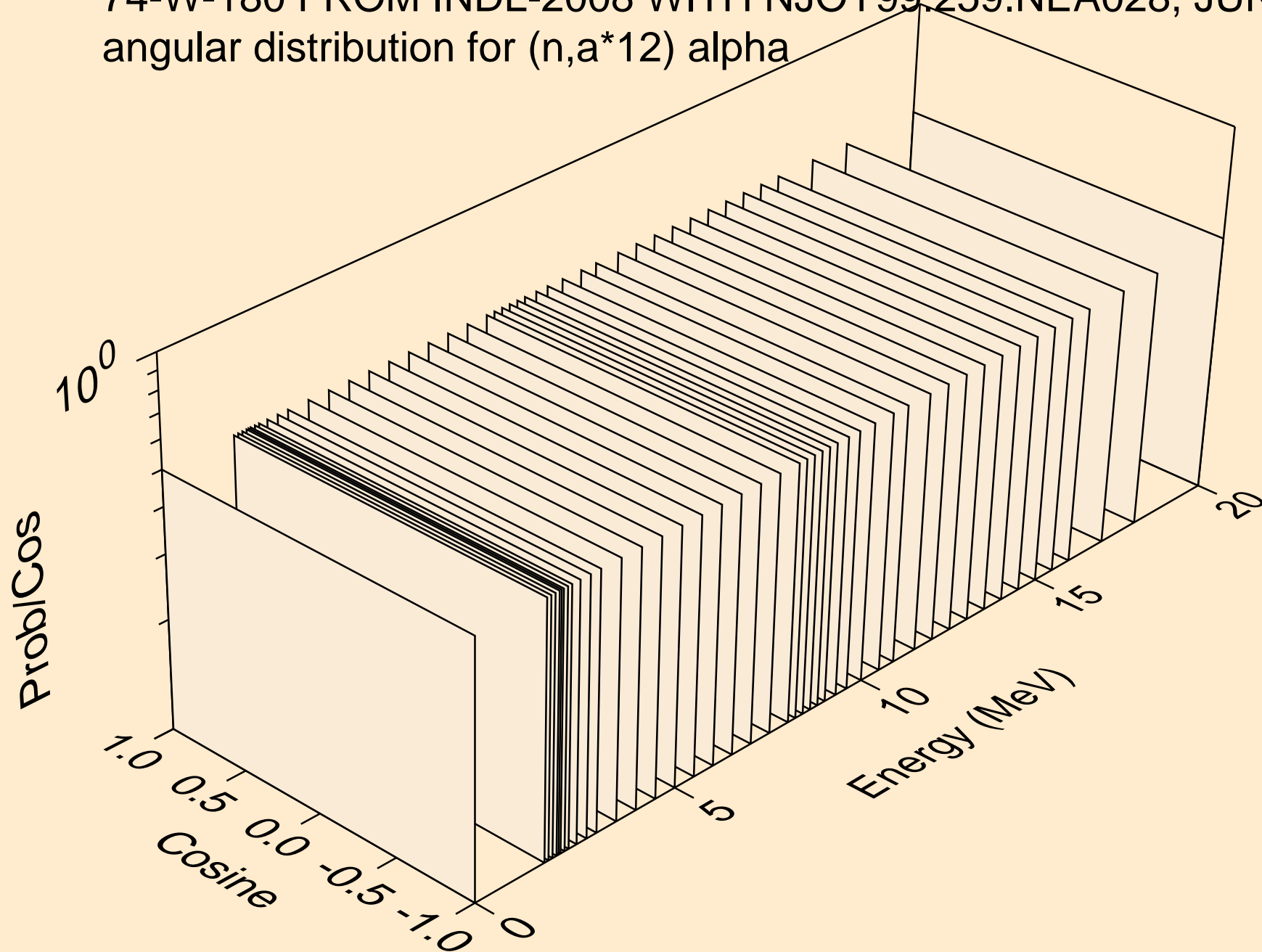


74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n, $\alpha$ \*11) alpha

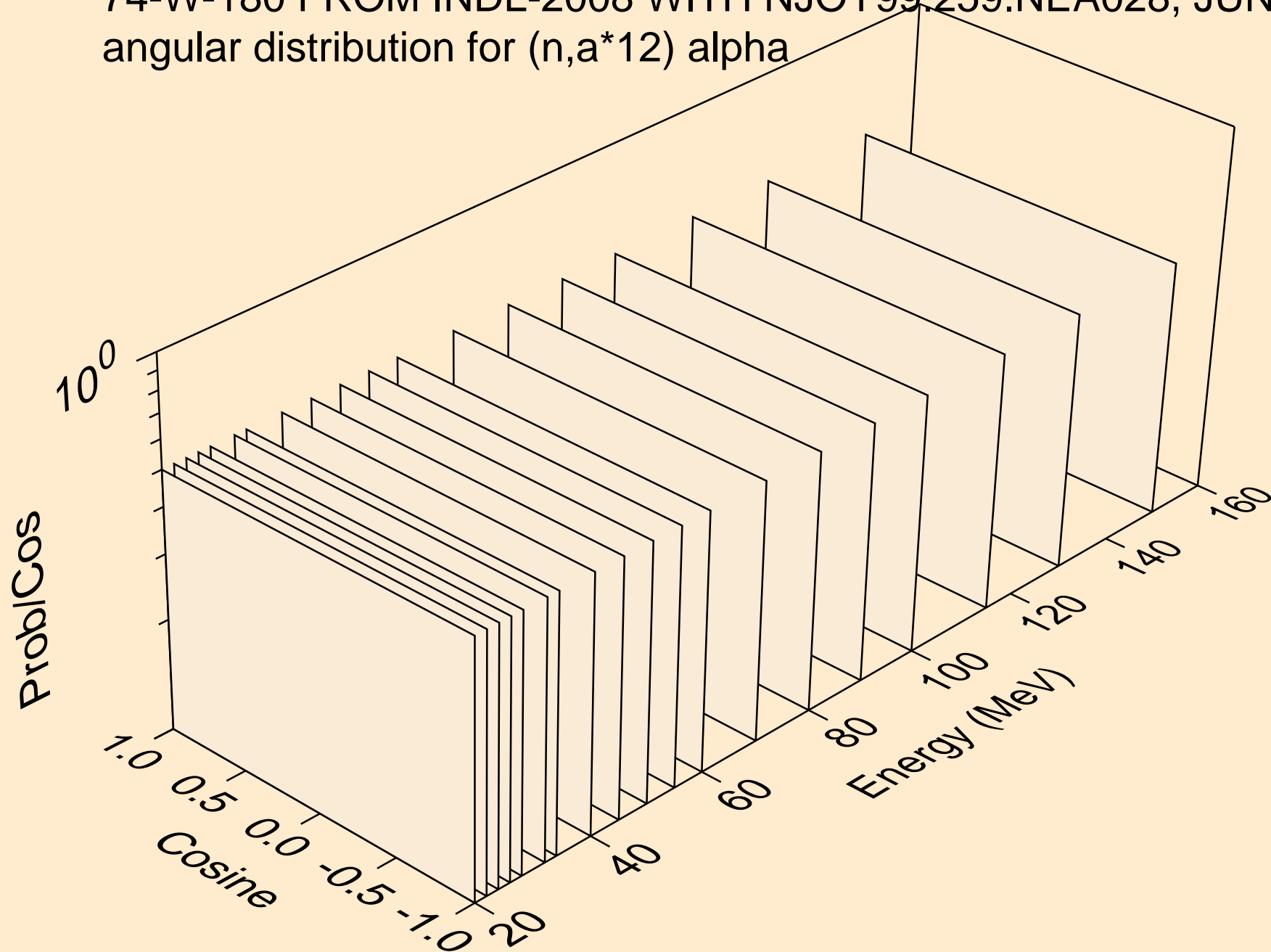




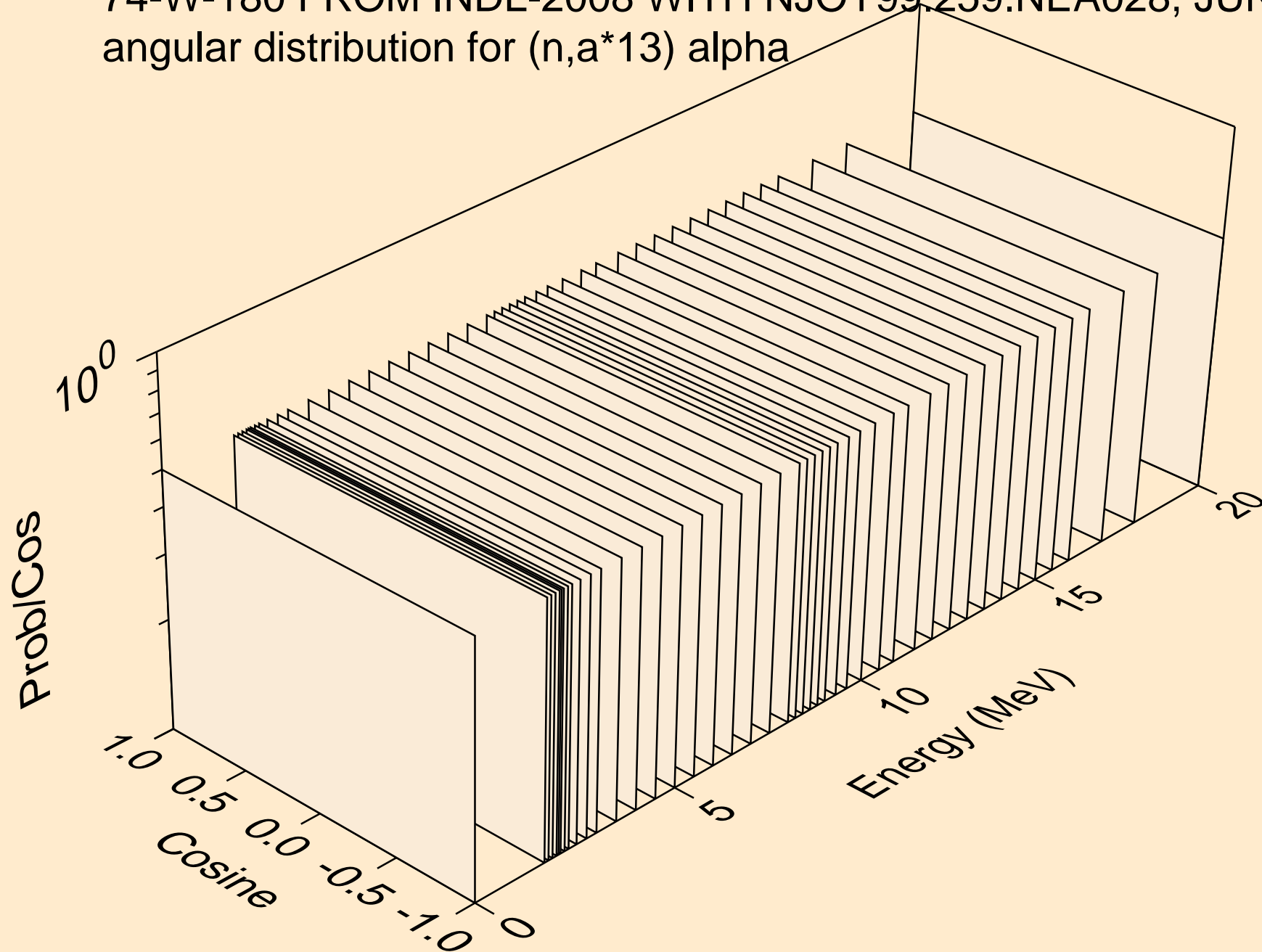
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*12) alpha



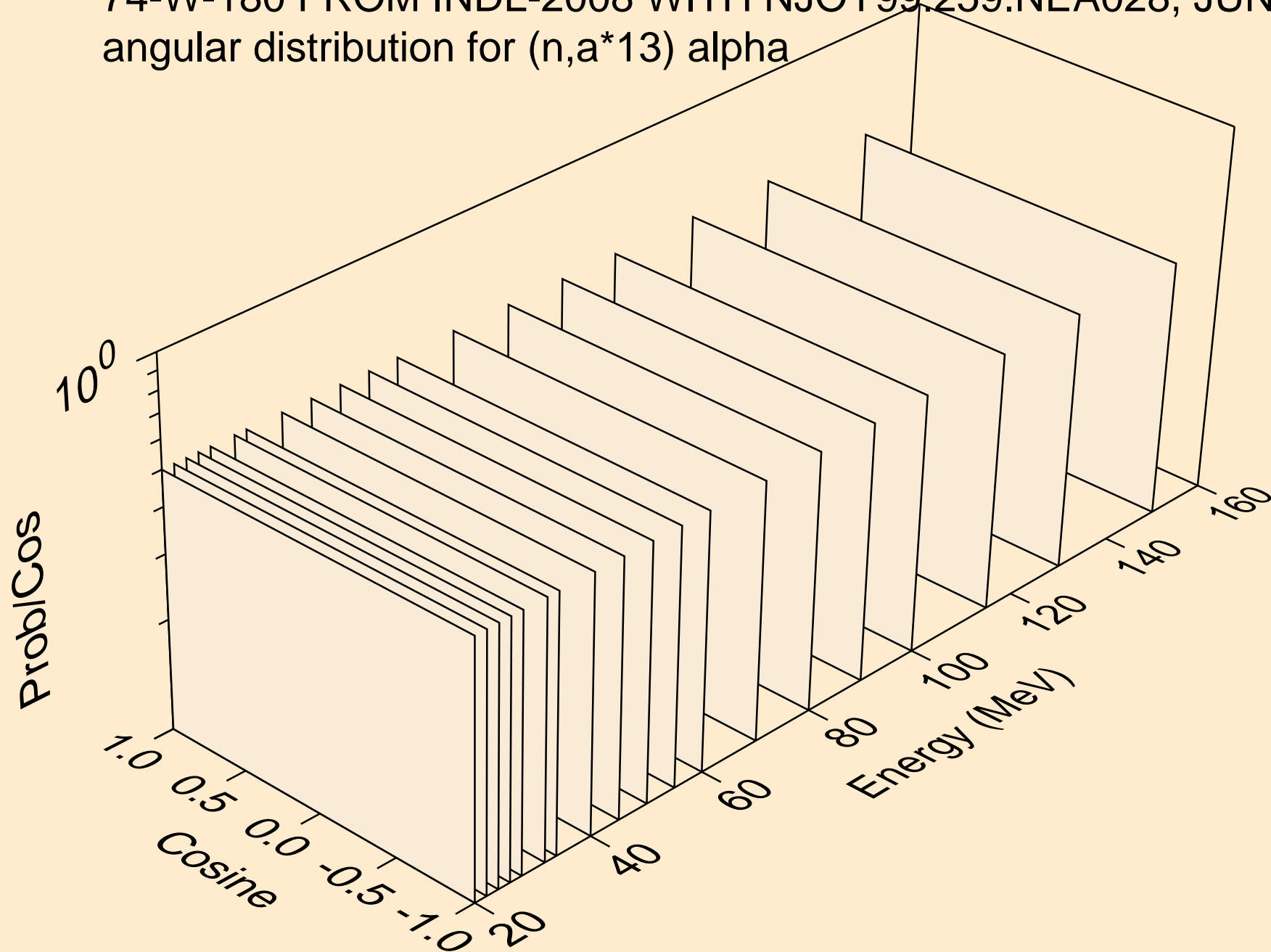
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n, $\alpha$ \*12) alpha



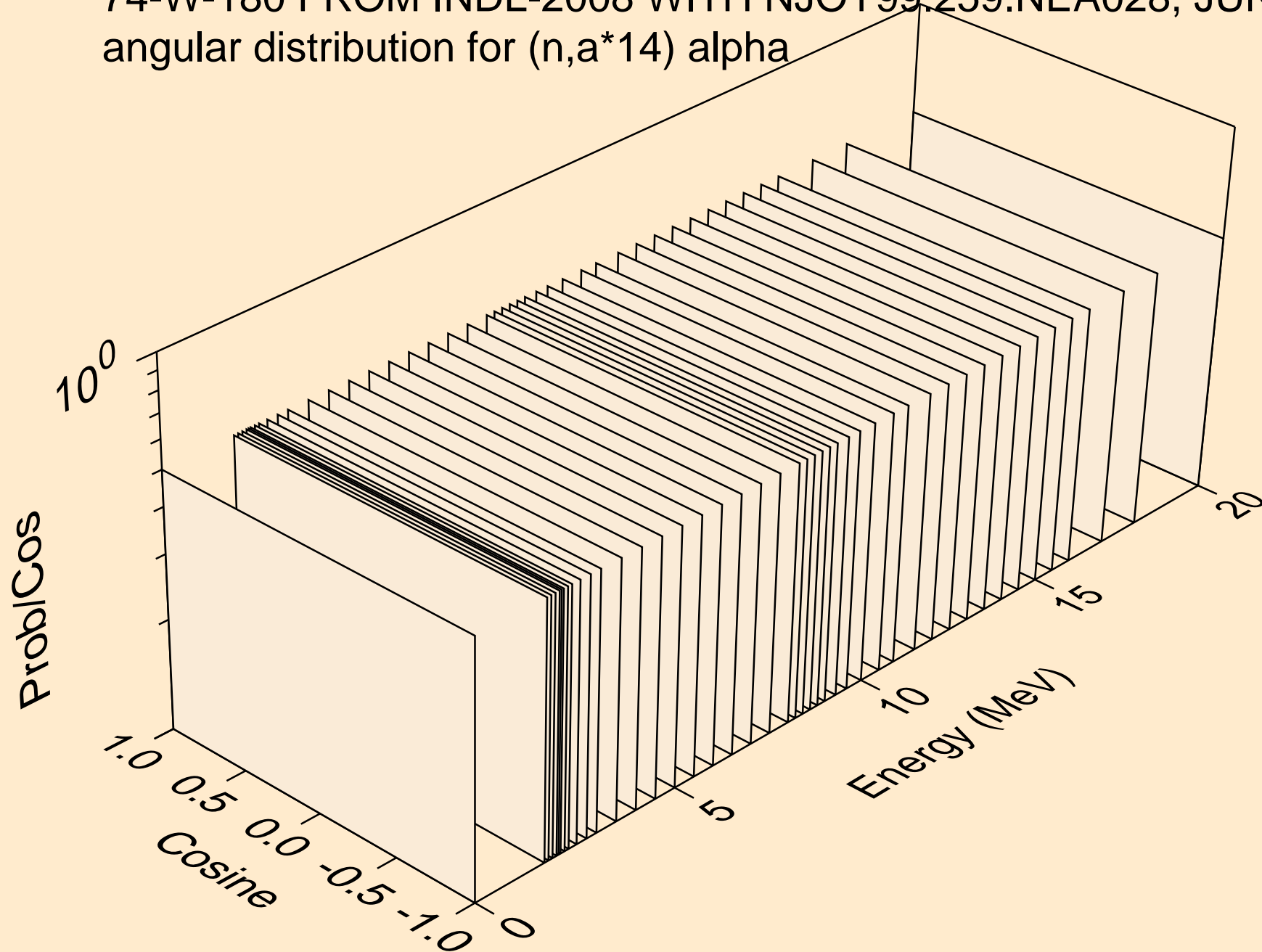
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*13) alpha



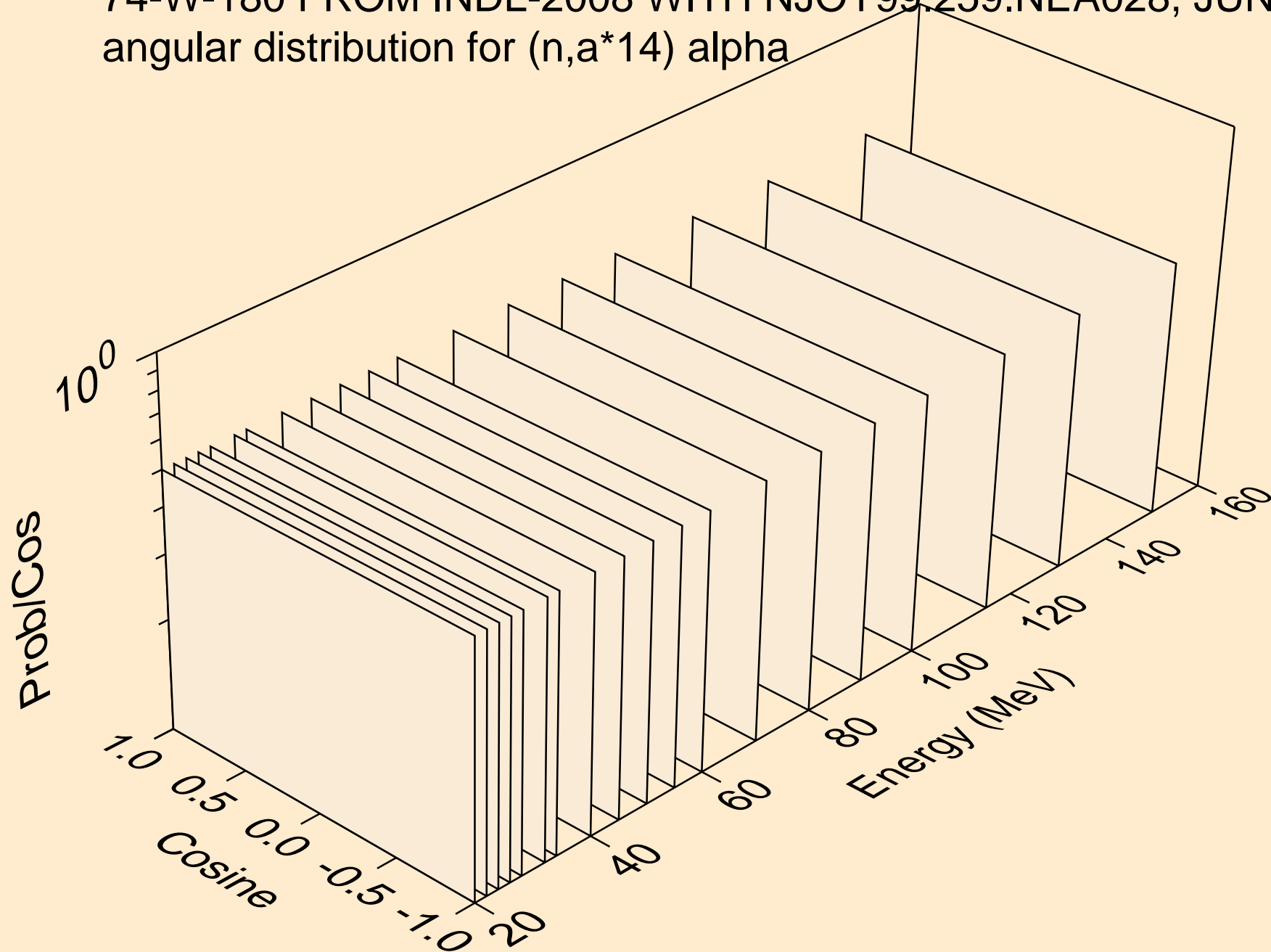
74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n, $\alpha$ \*13) alpha



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n,a\*14) alpha



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
angular distribution for (n, $\alpha$ \*14) alpha



74-W-180 FROM INDL-2008 WITH NJOY99.259.NEA028, JUNE 2000  
alphas from (n,a\*c)

