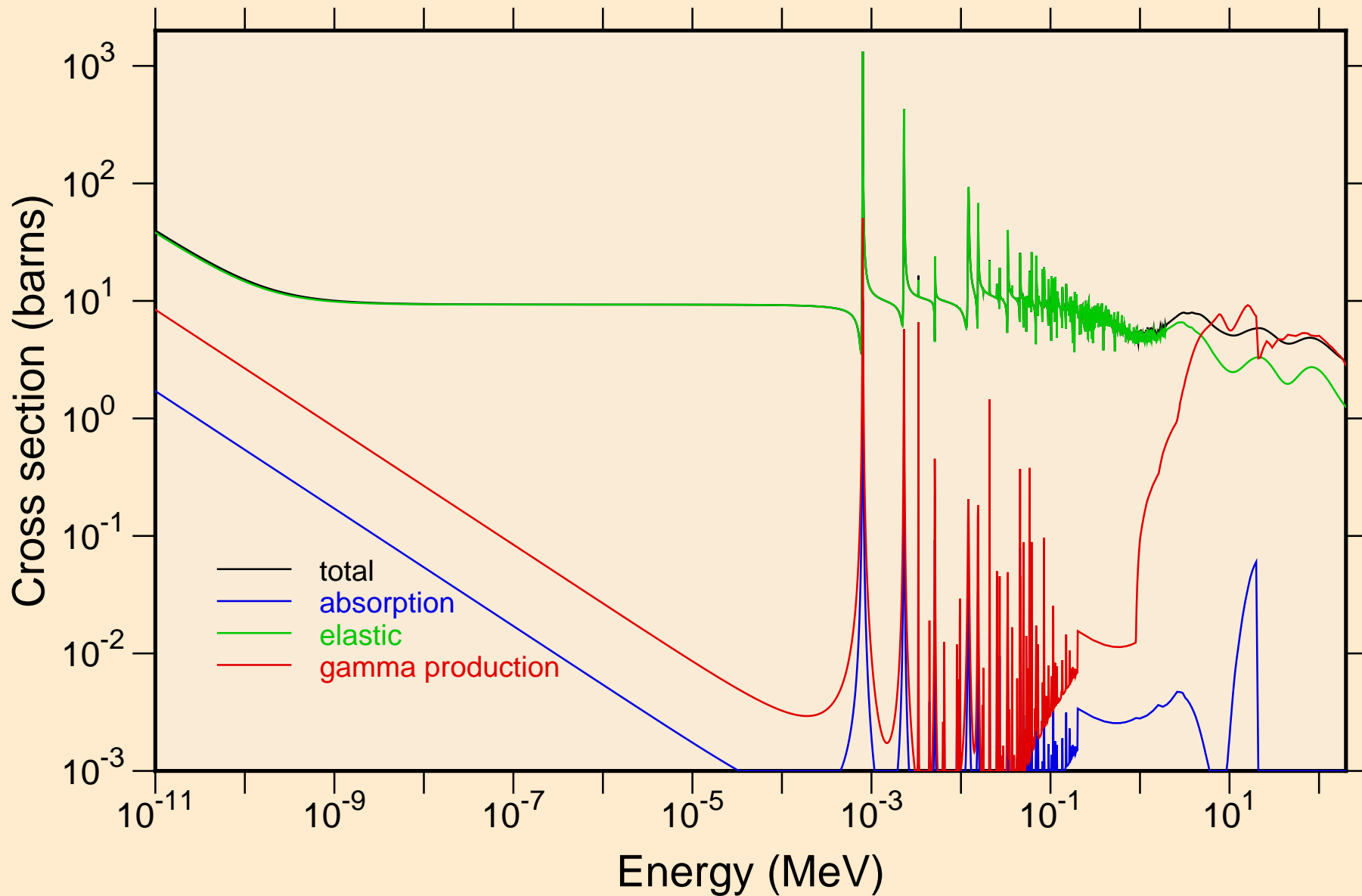
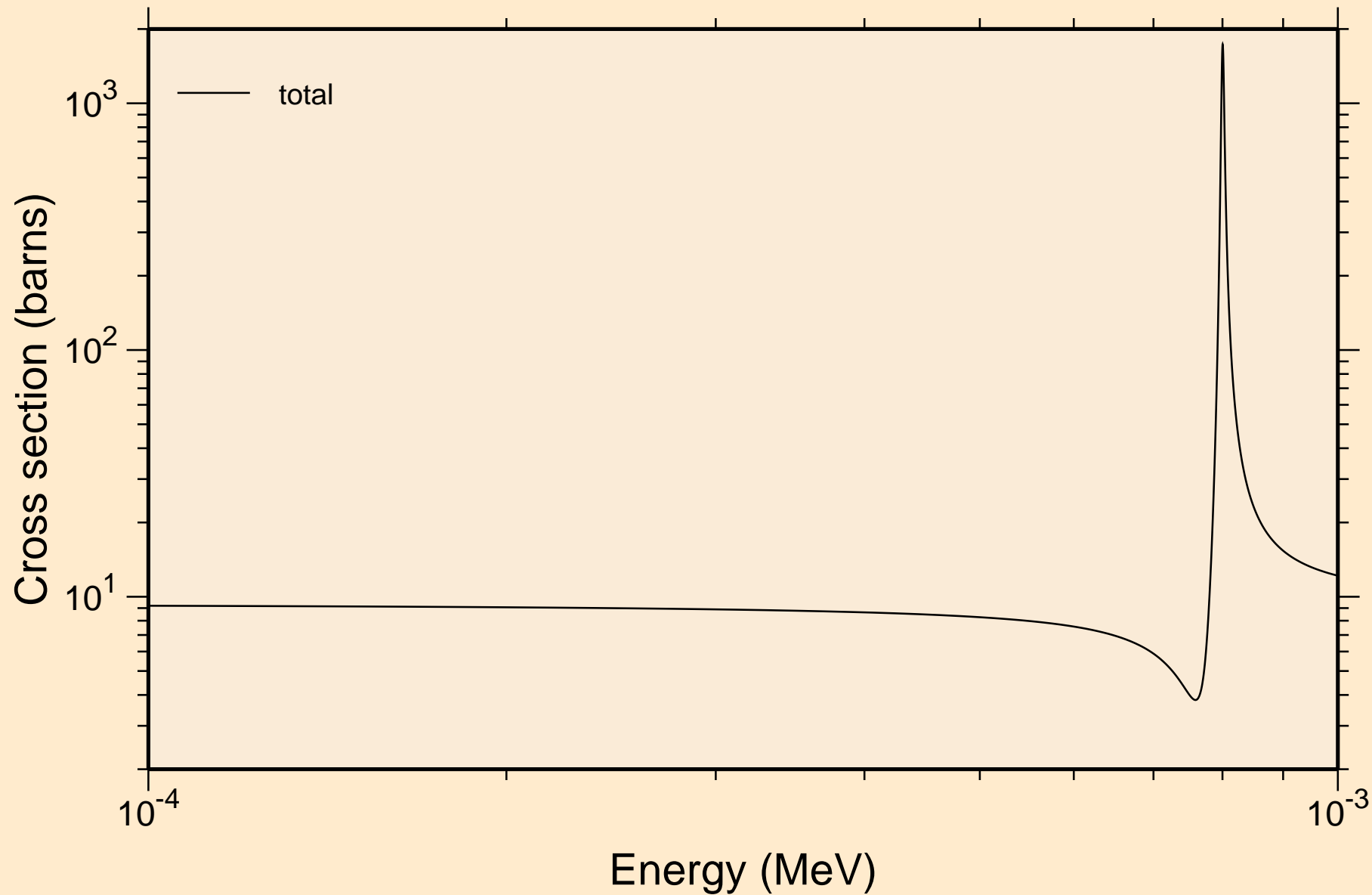


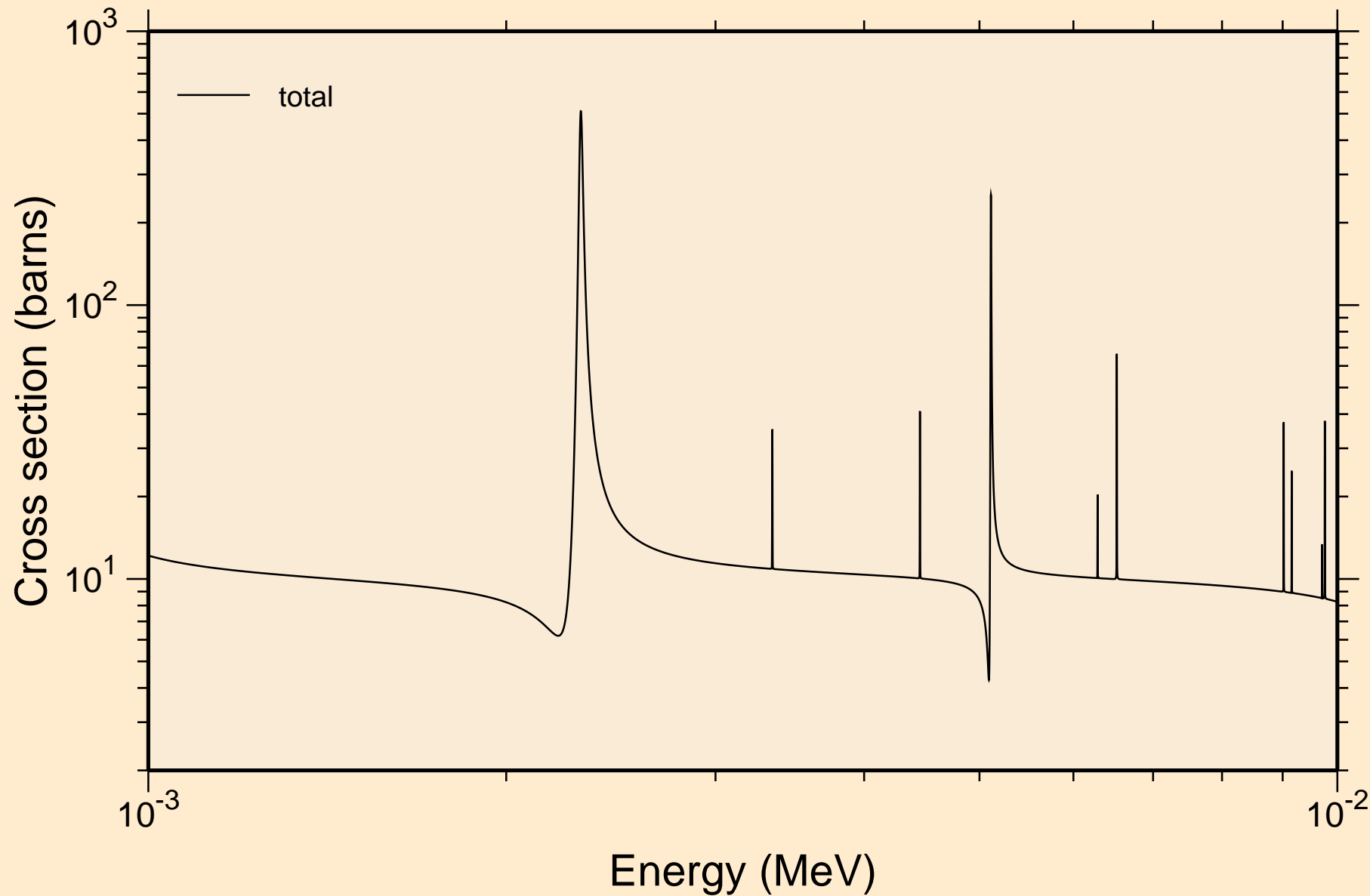
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Principal cross sections



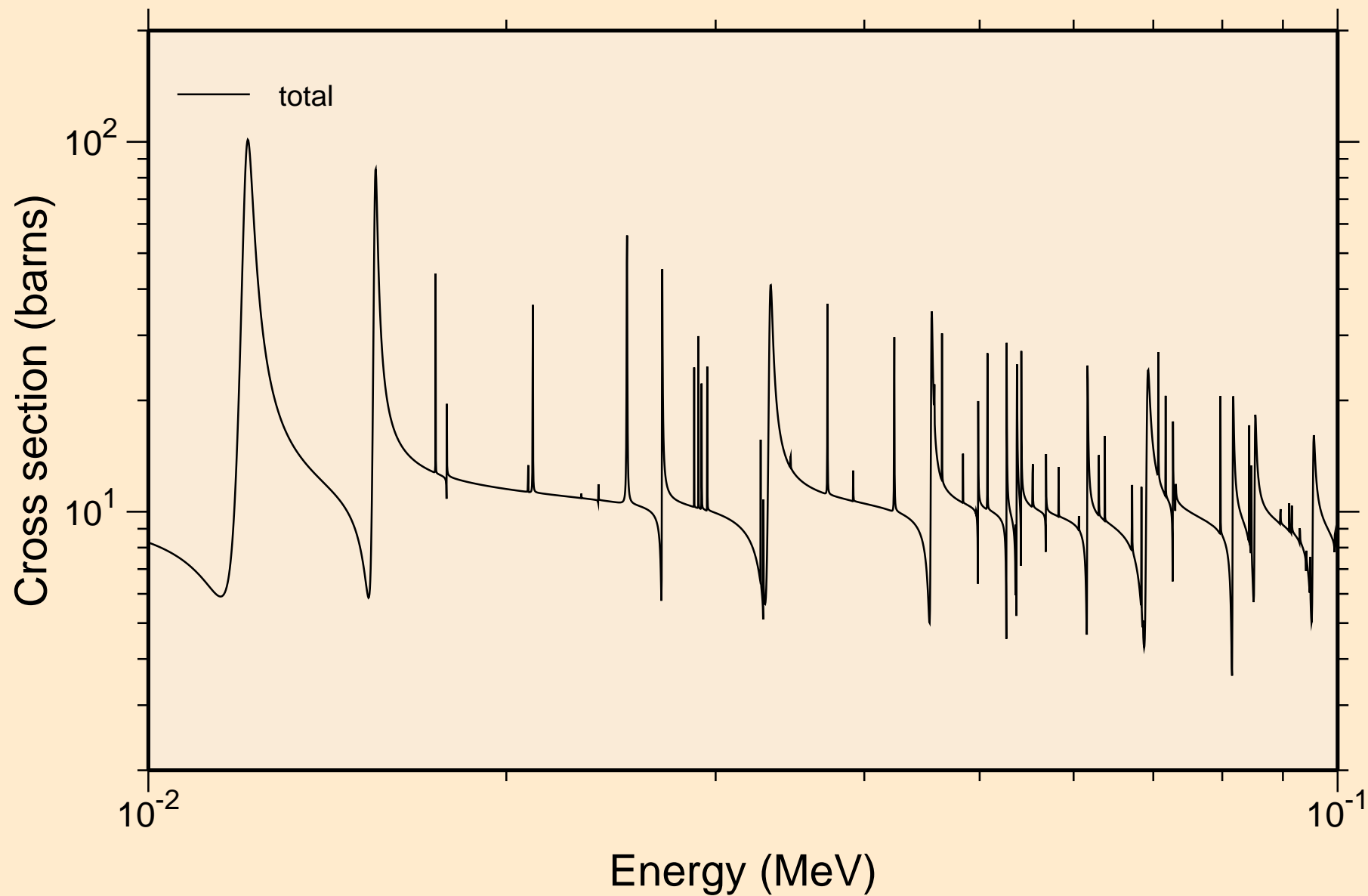
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
resonance total cross section



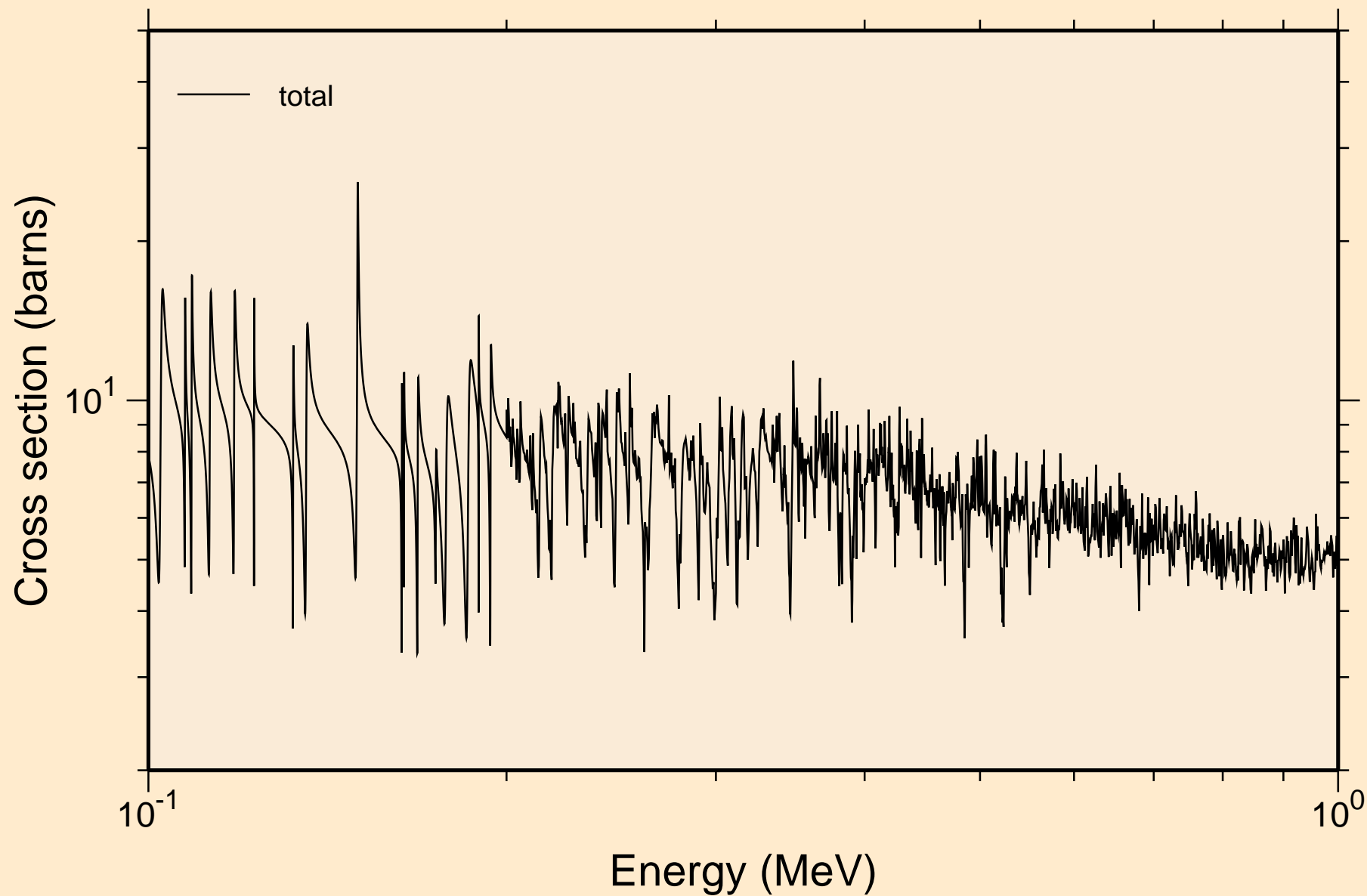
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
resonance total cross section



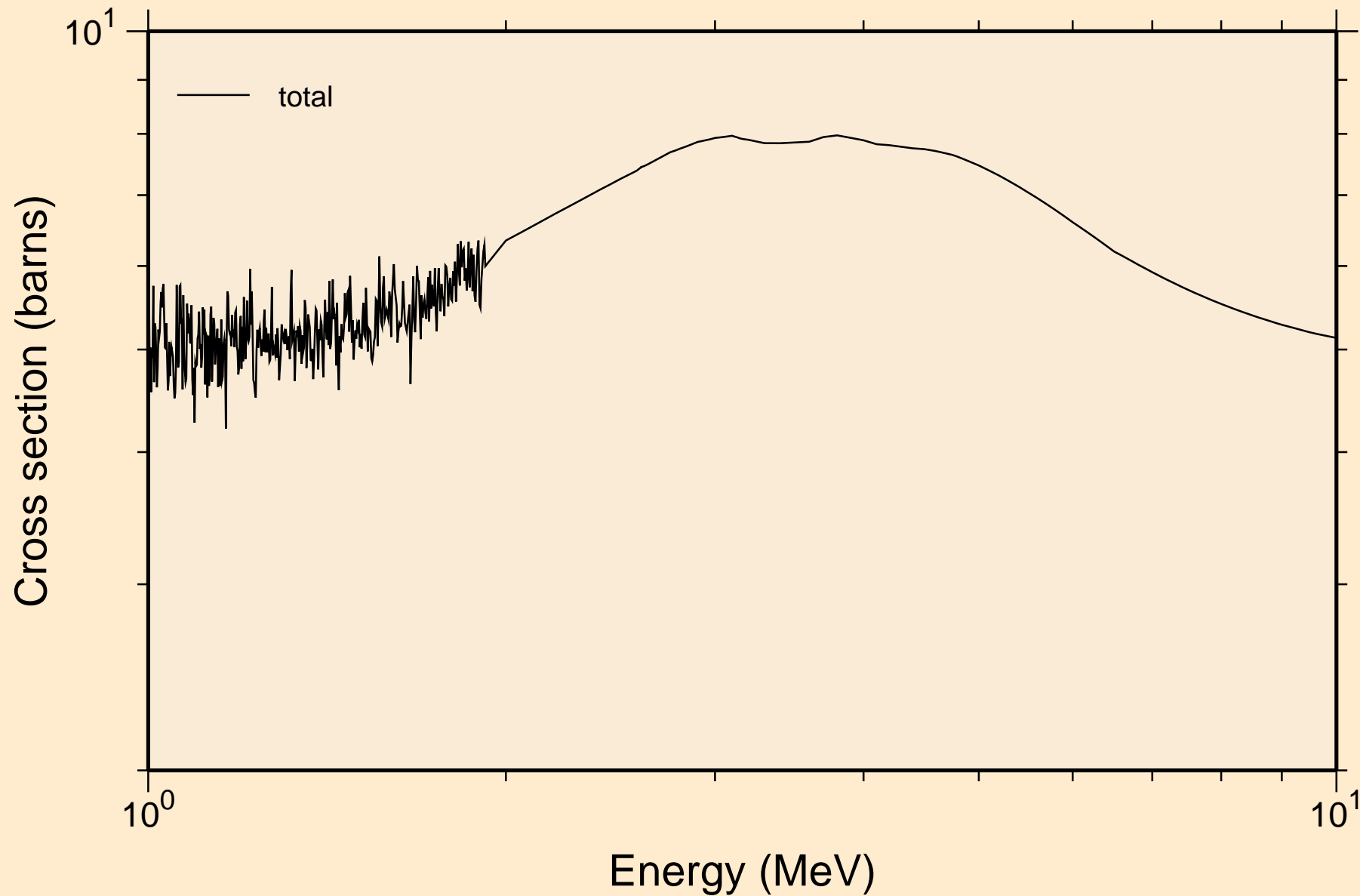
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2102.50+  
resonance total cross section



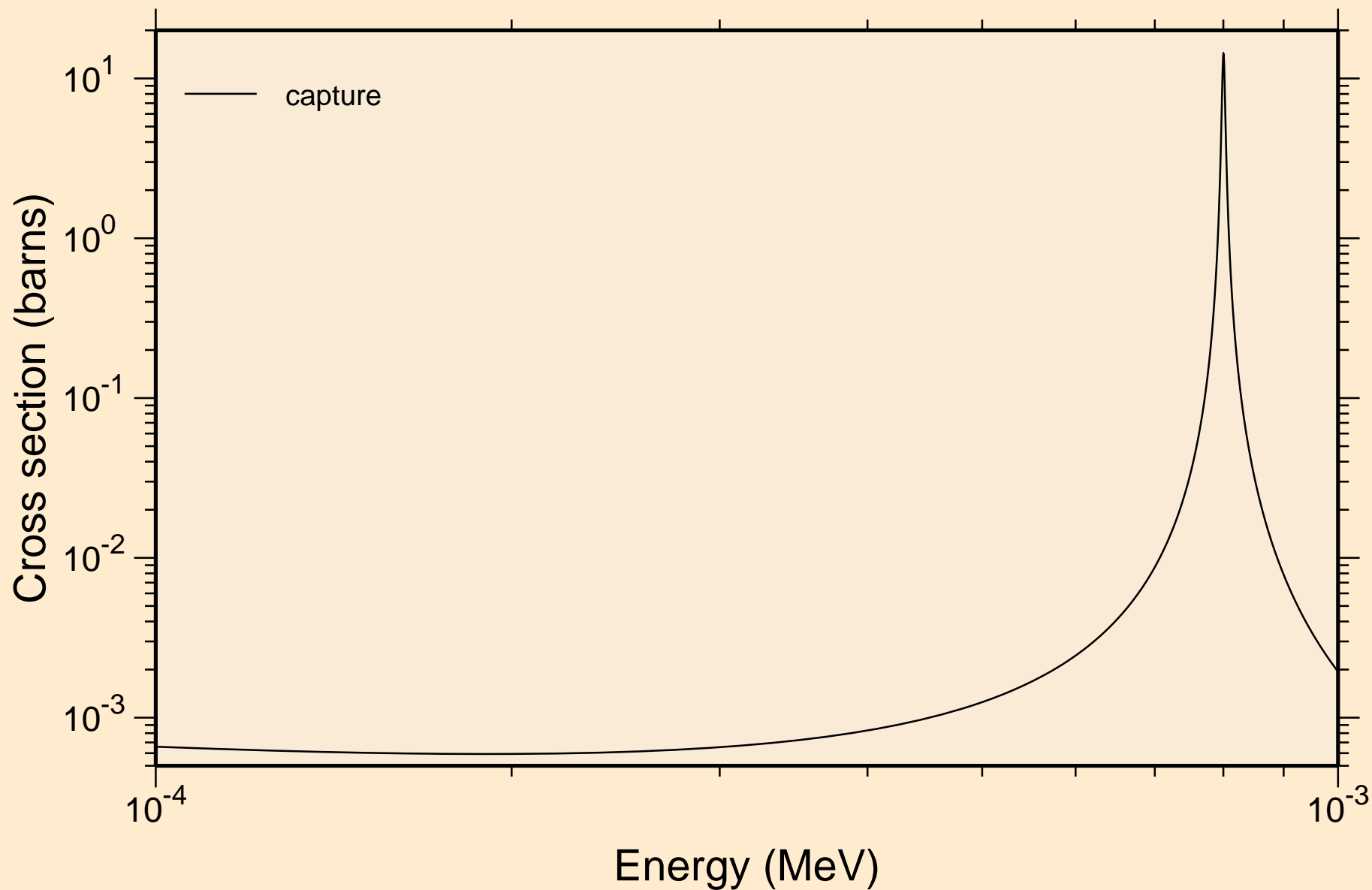
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
resonance total cross section



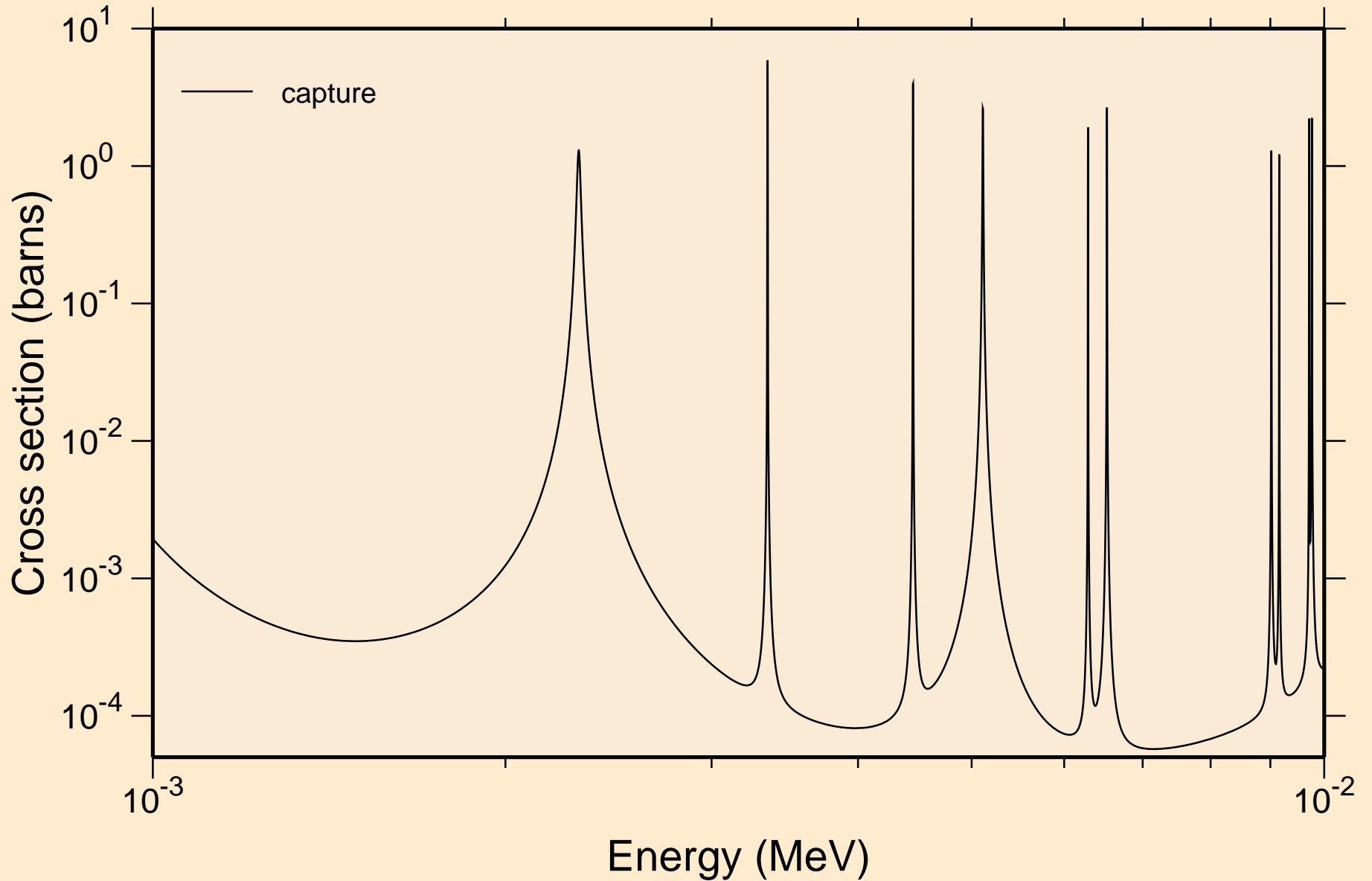
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
resonance total cross section



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
resonance absorption cross sections

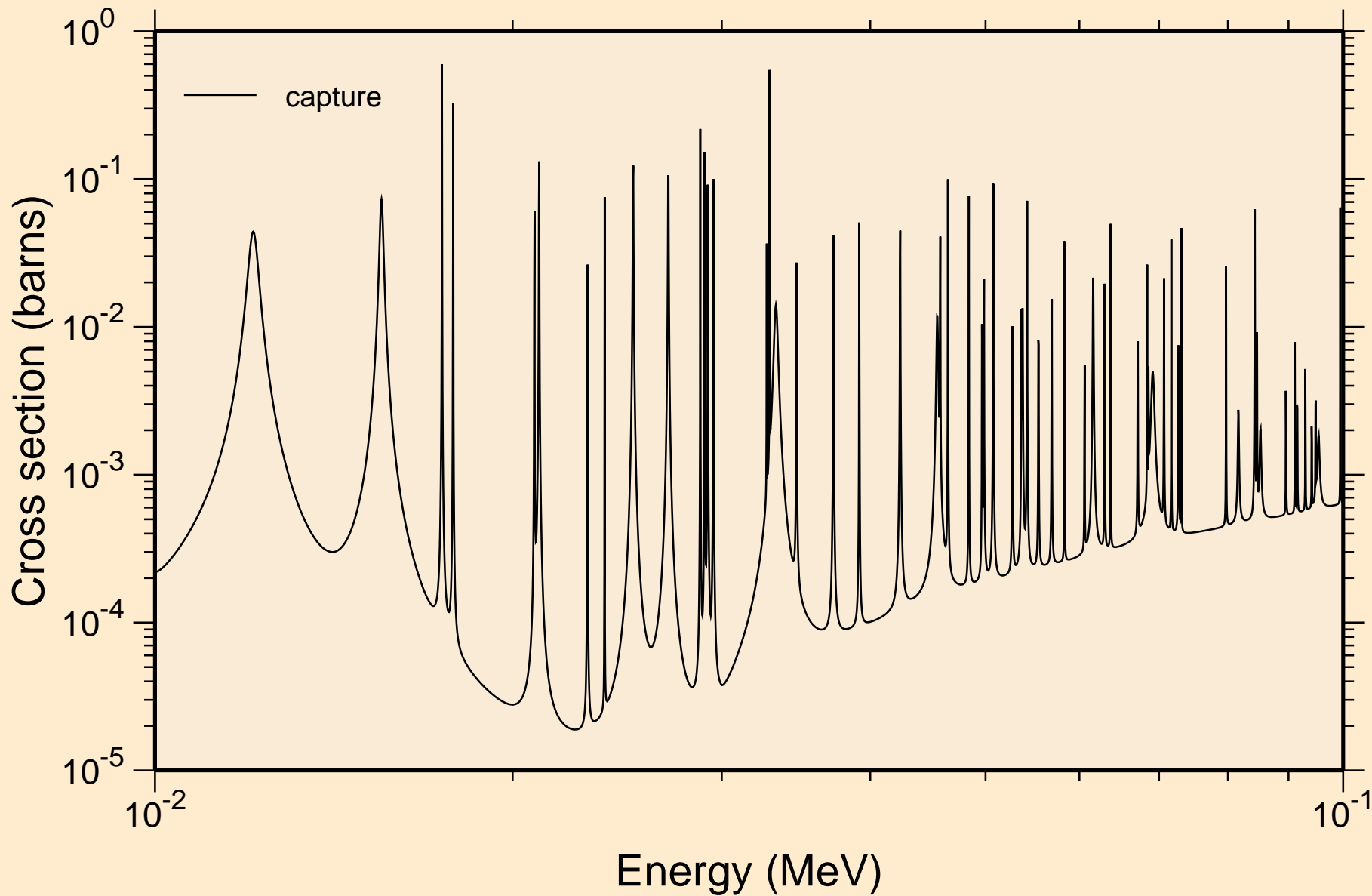


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
resonance absorption cross sections

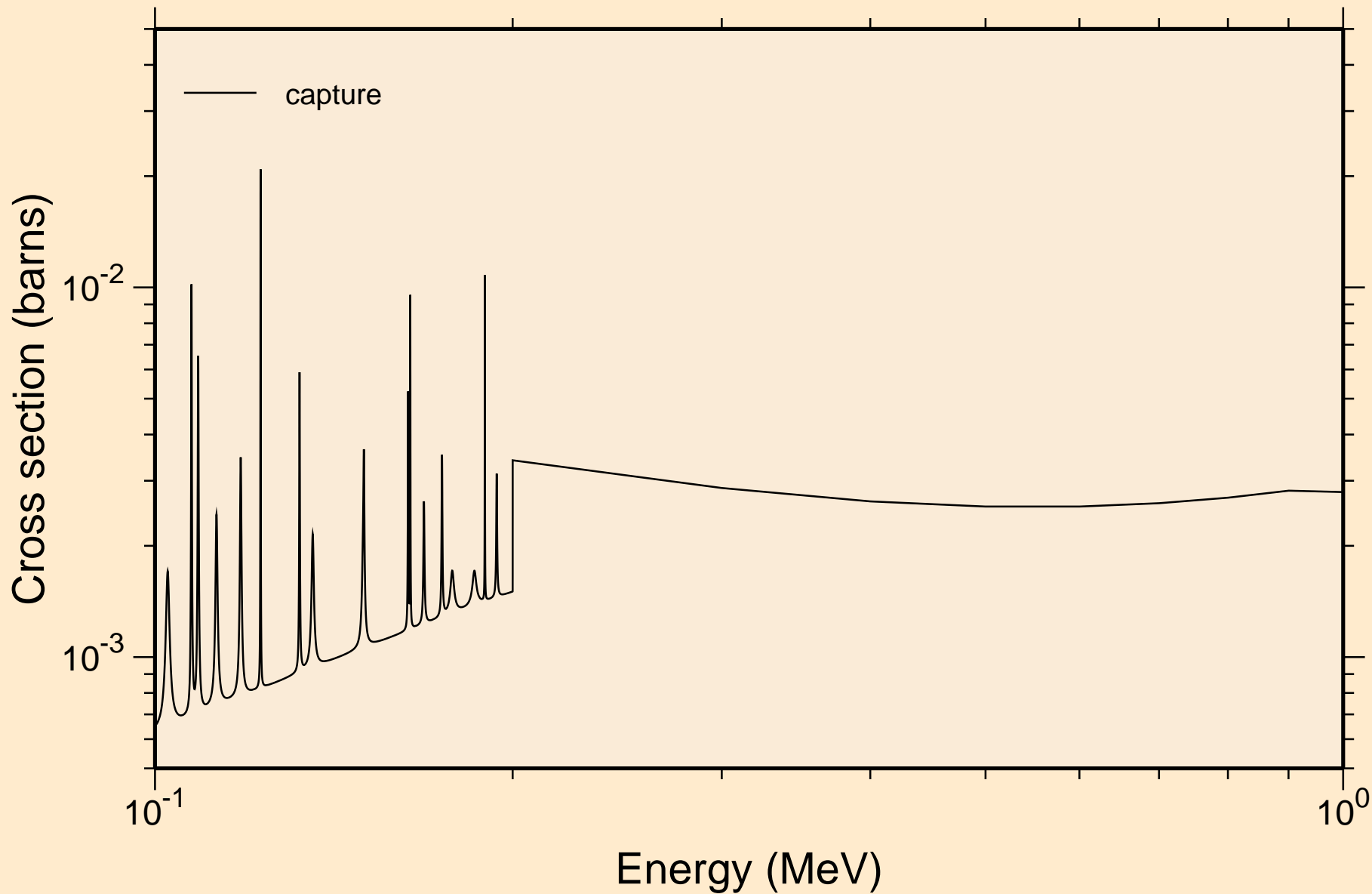




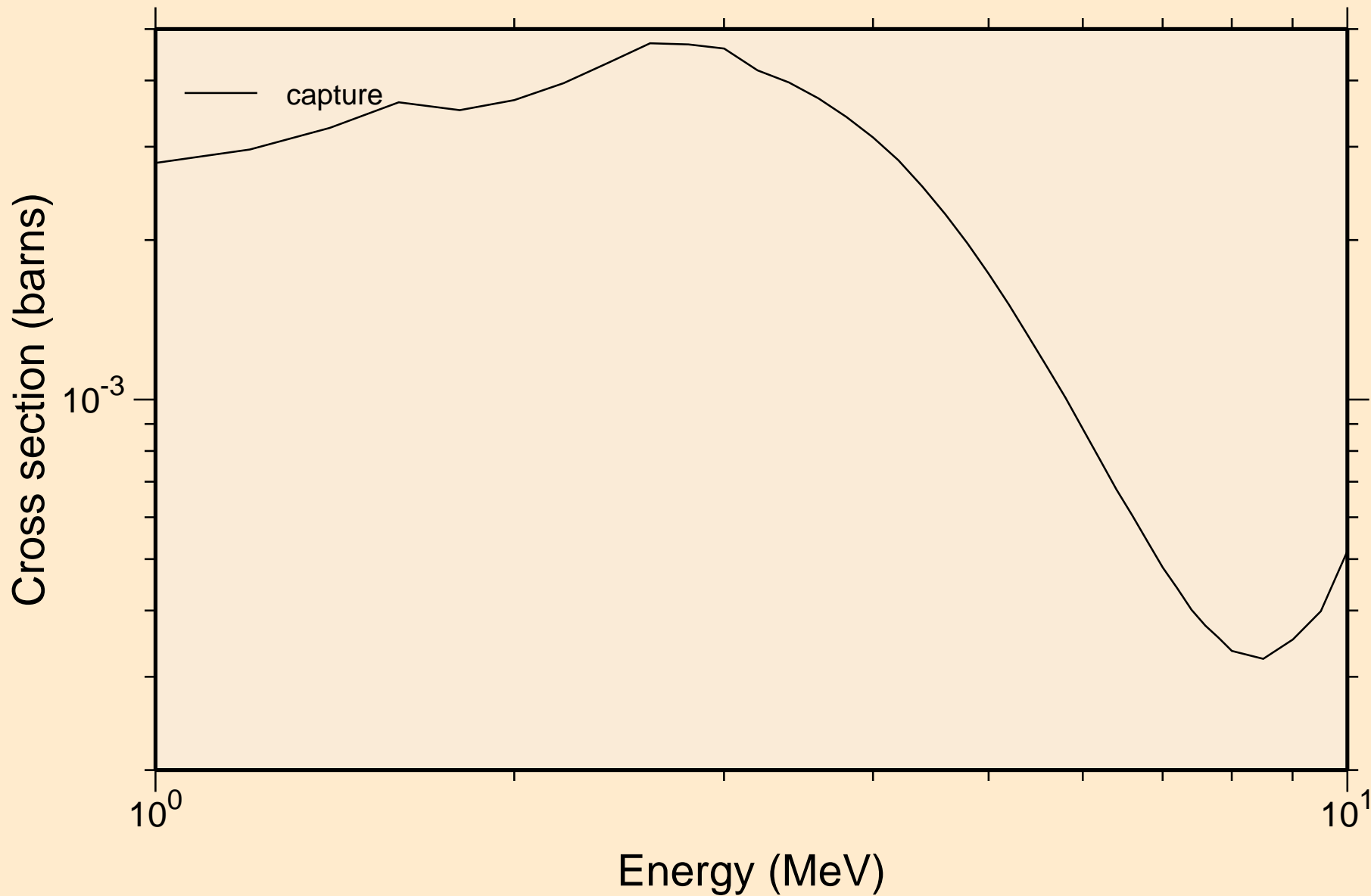
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
resonance absorption cross sections



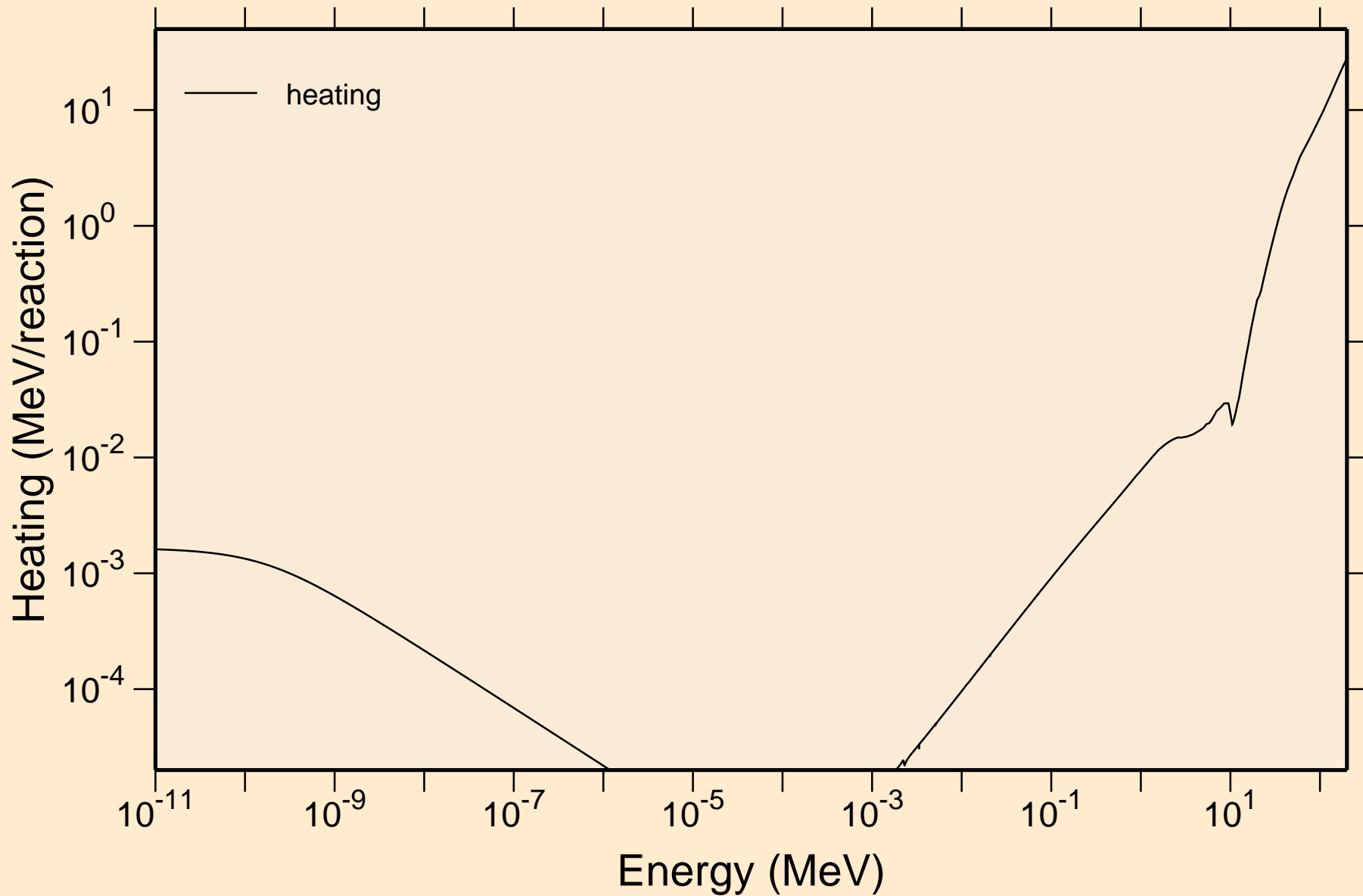
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
resonance absorption cross sections



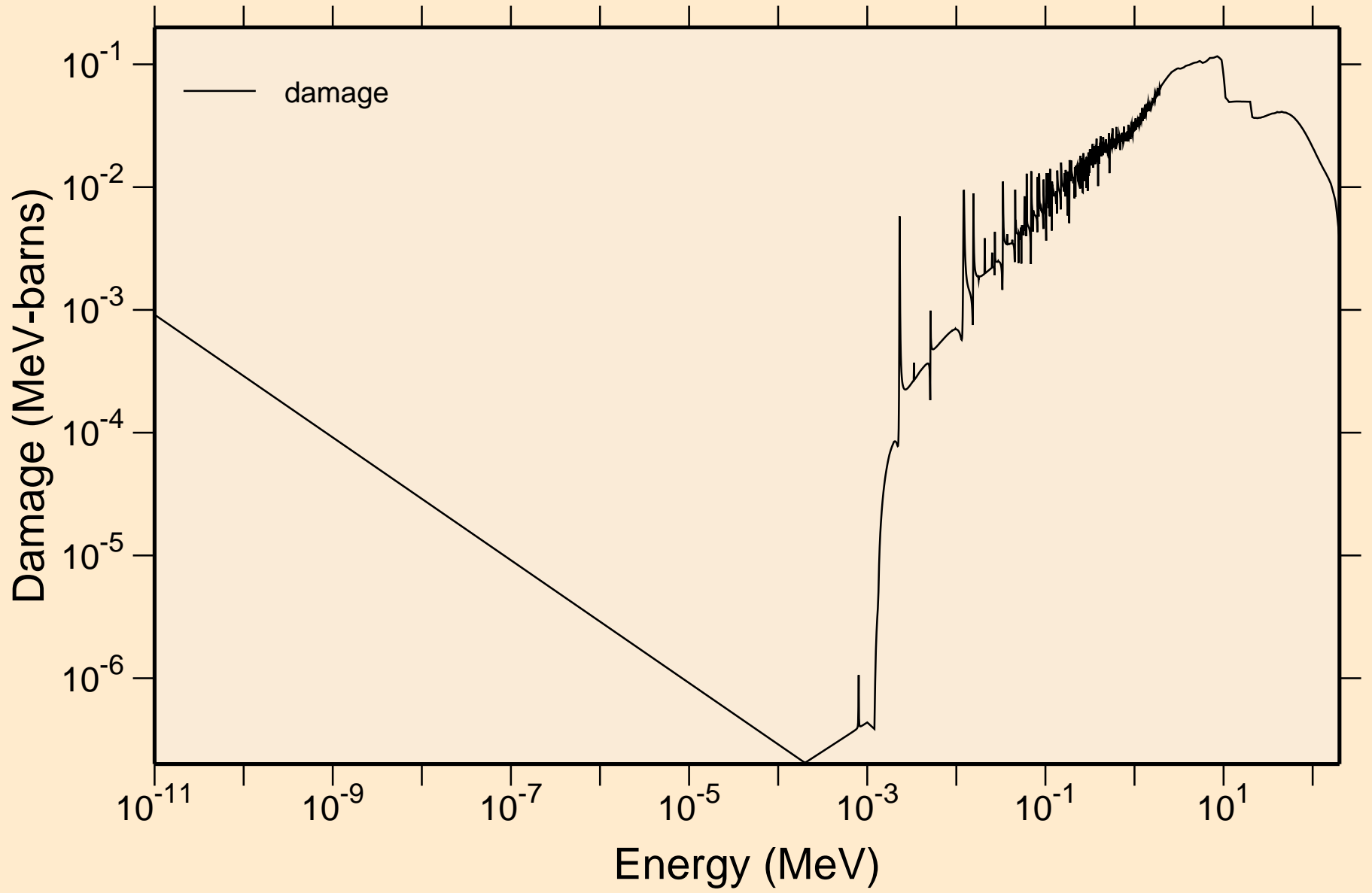
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
resonance absorption cross sections



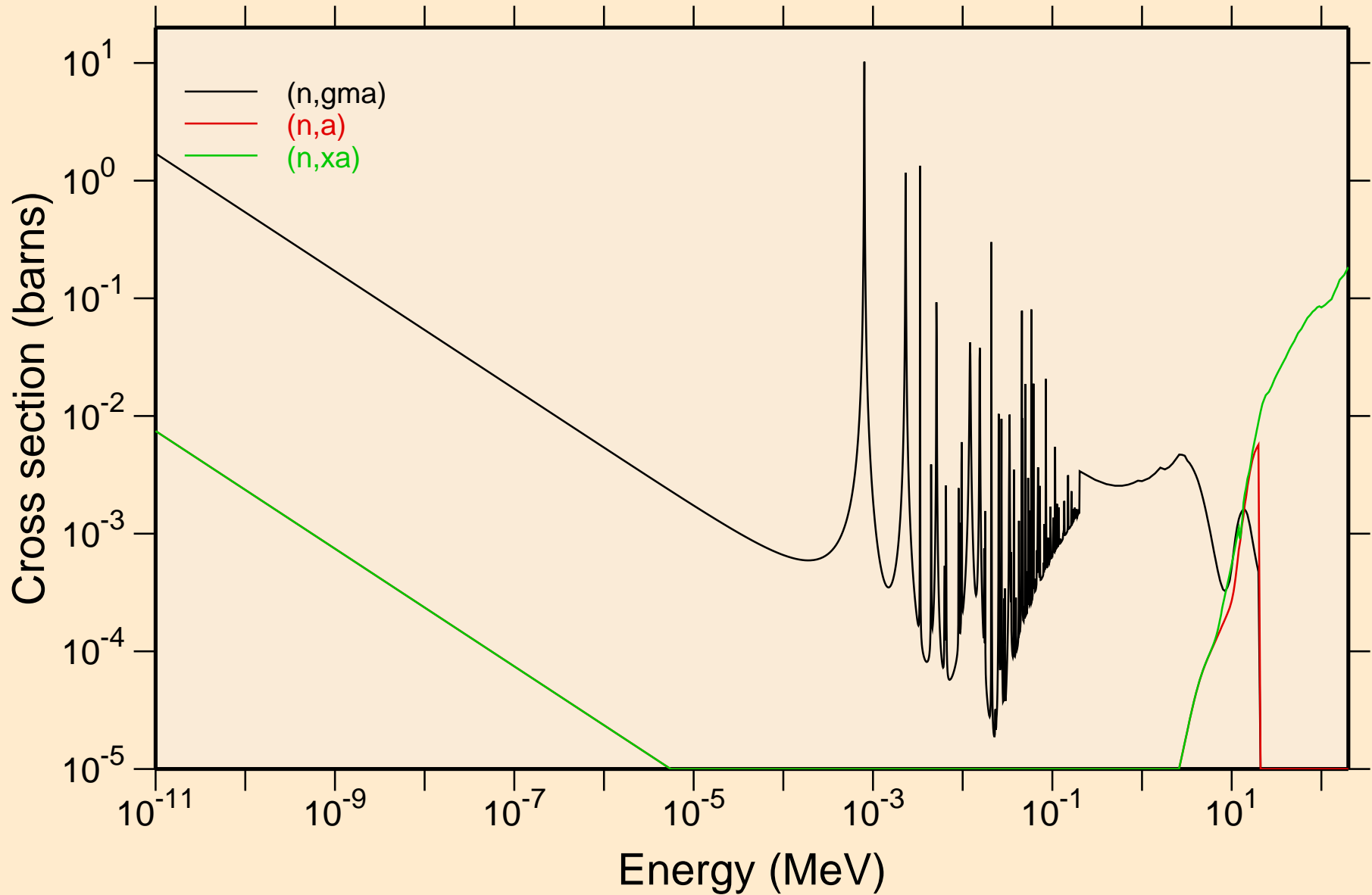
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Heating



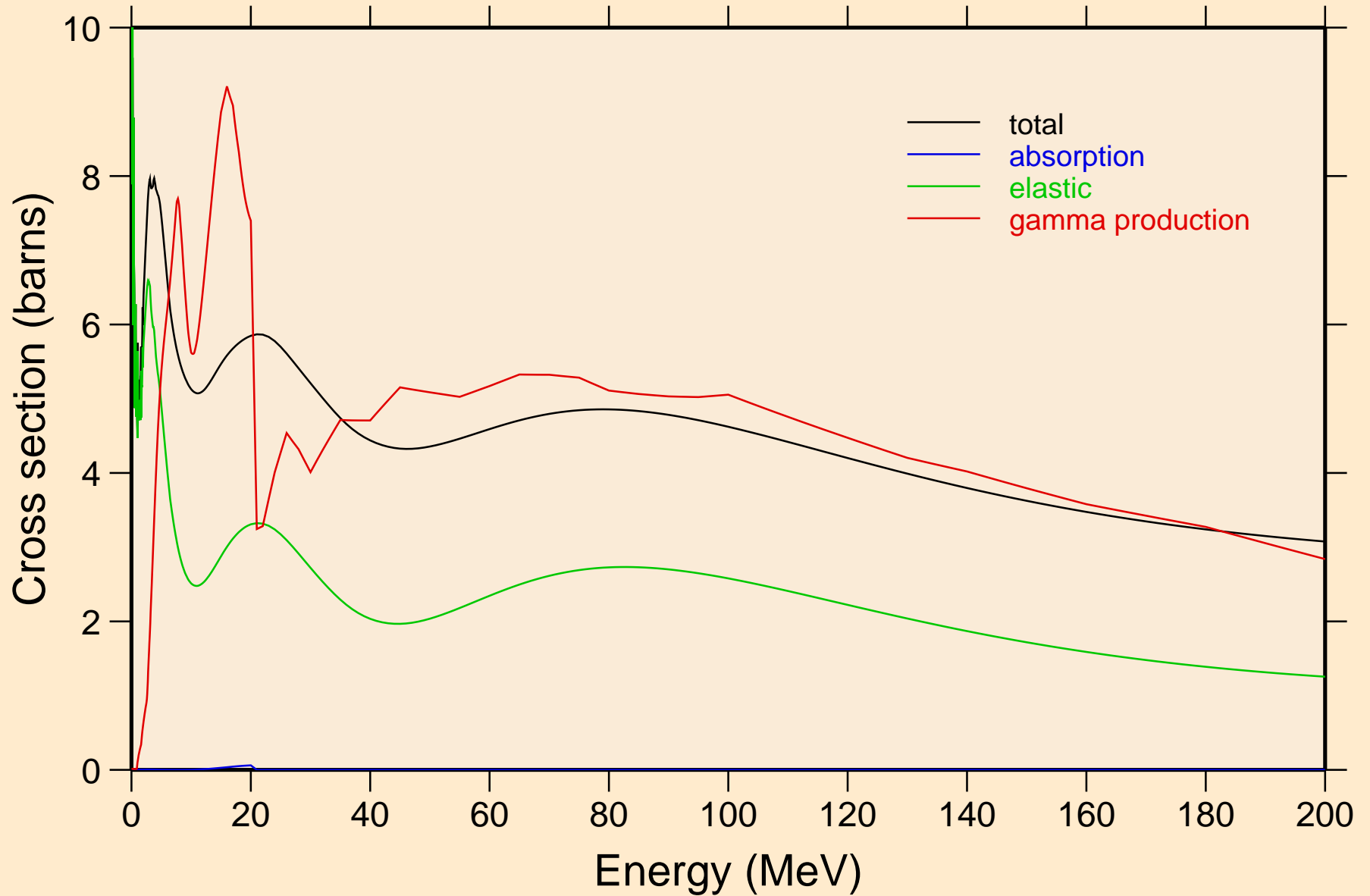
# 83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+ Damage



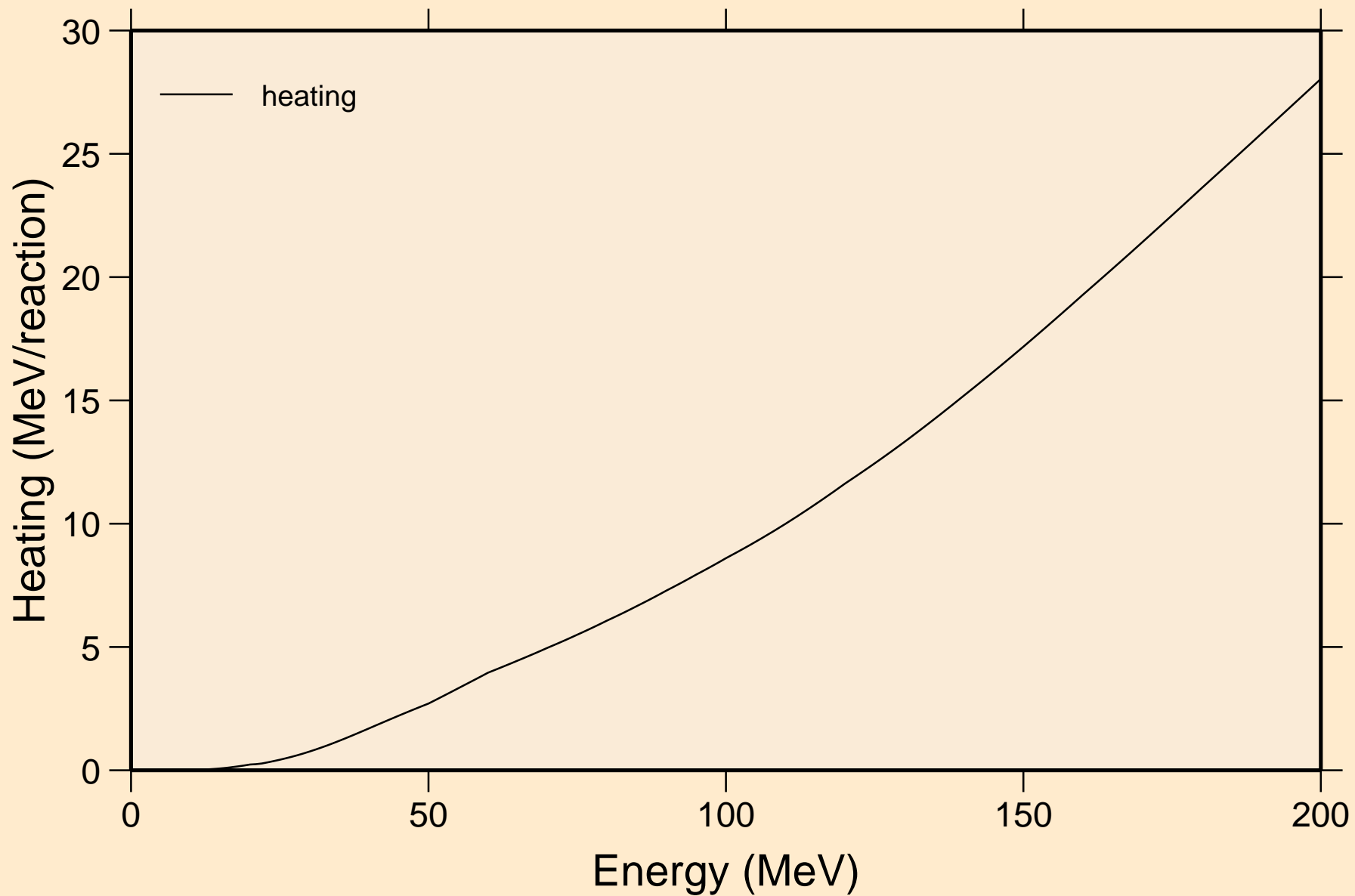
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Non-threshold reactions



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Principal cross sections

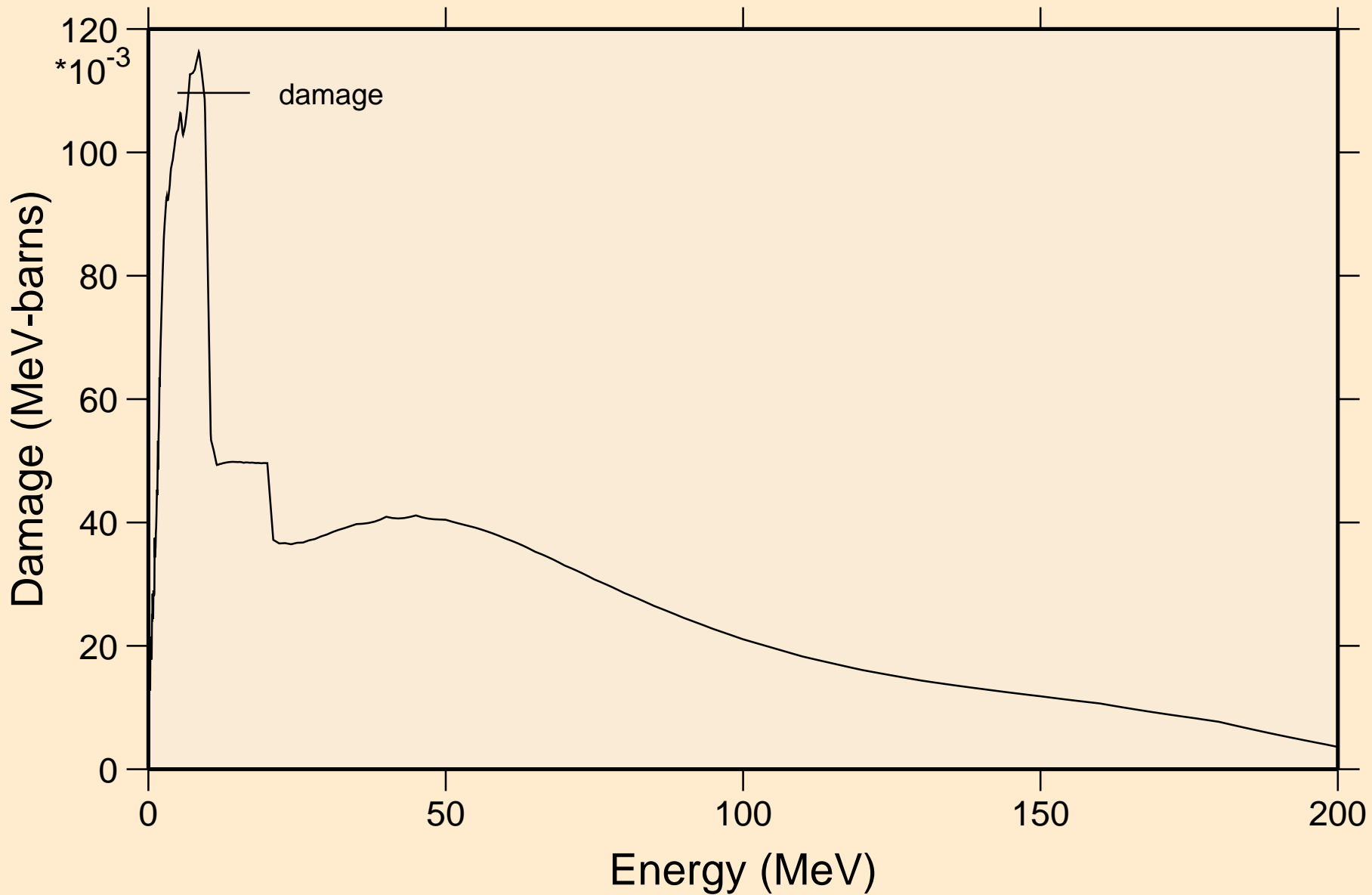


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Heating

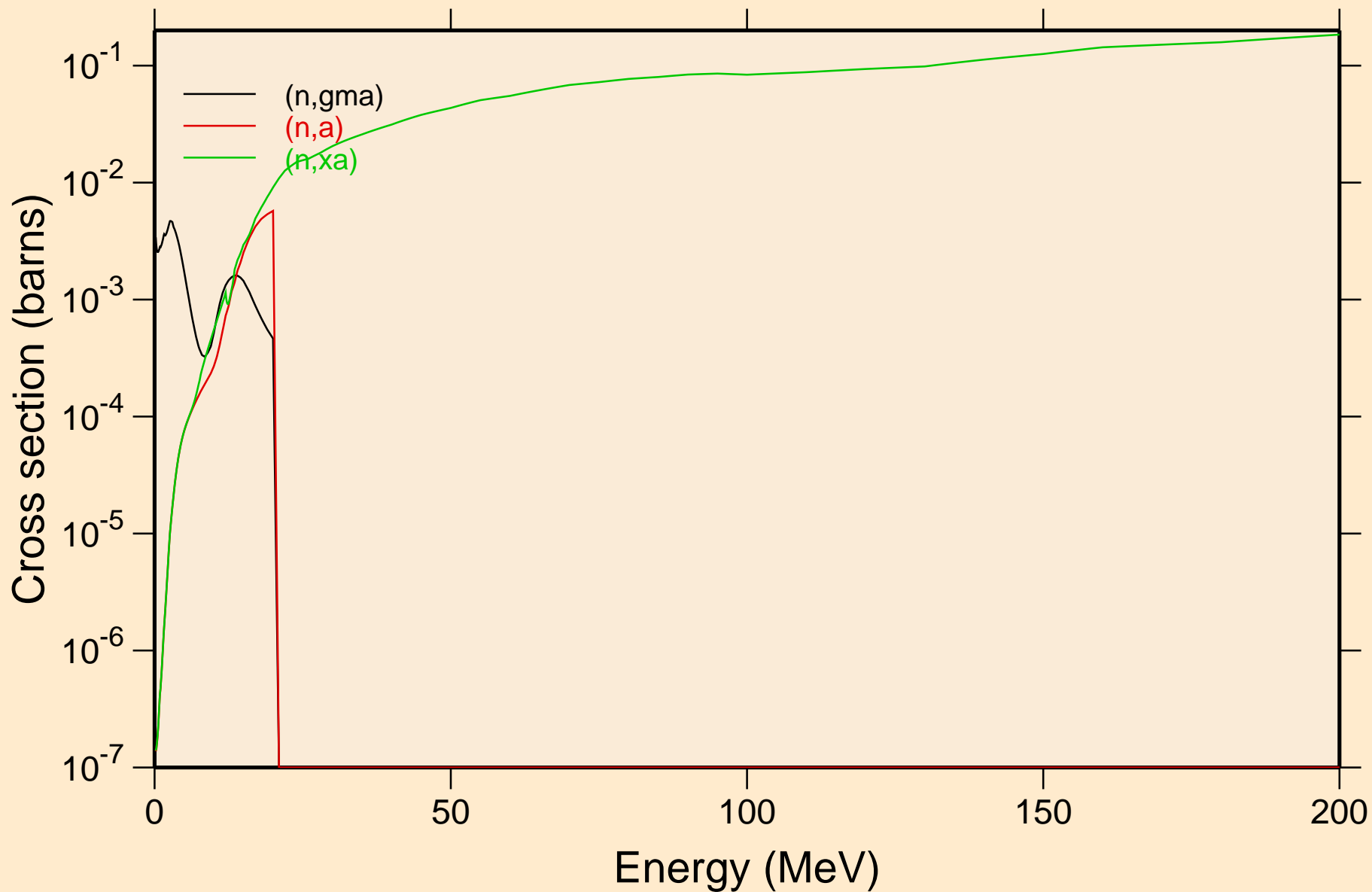




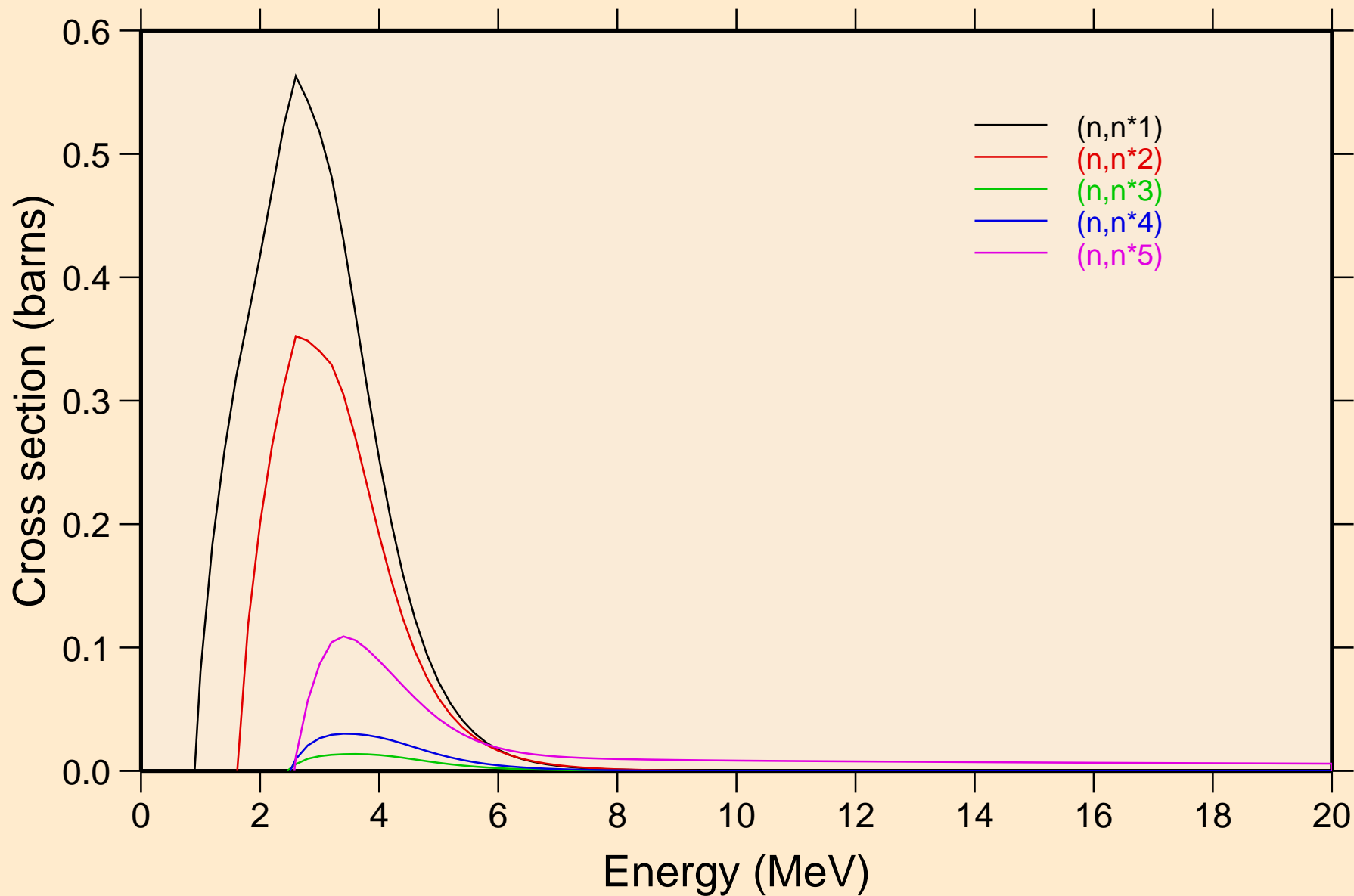
# 83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+ Damage



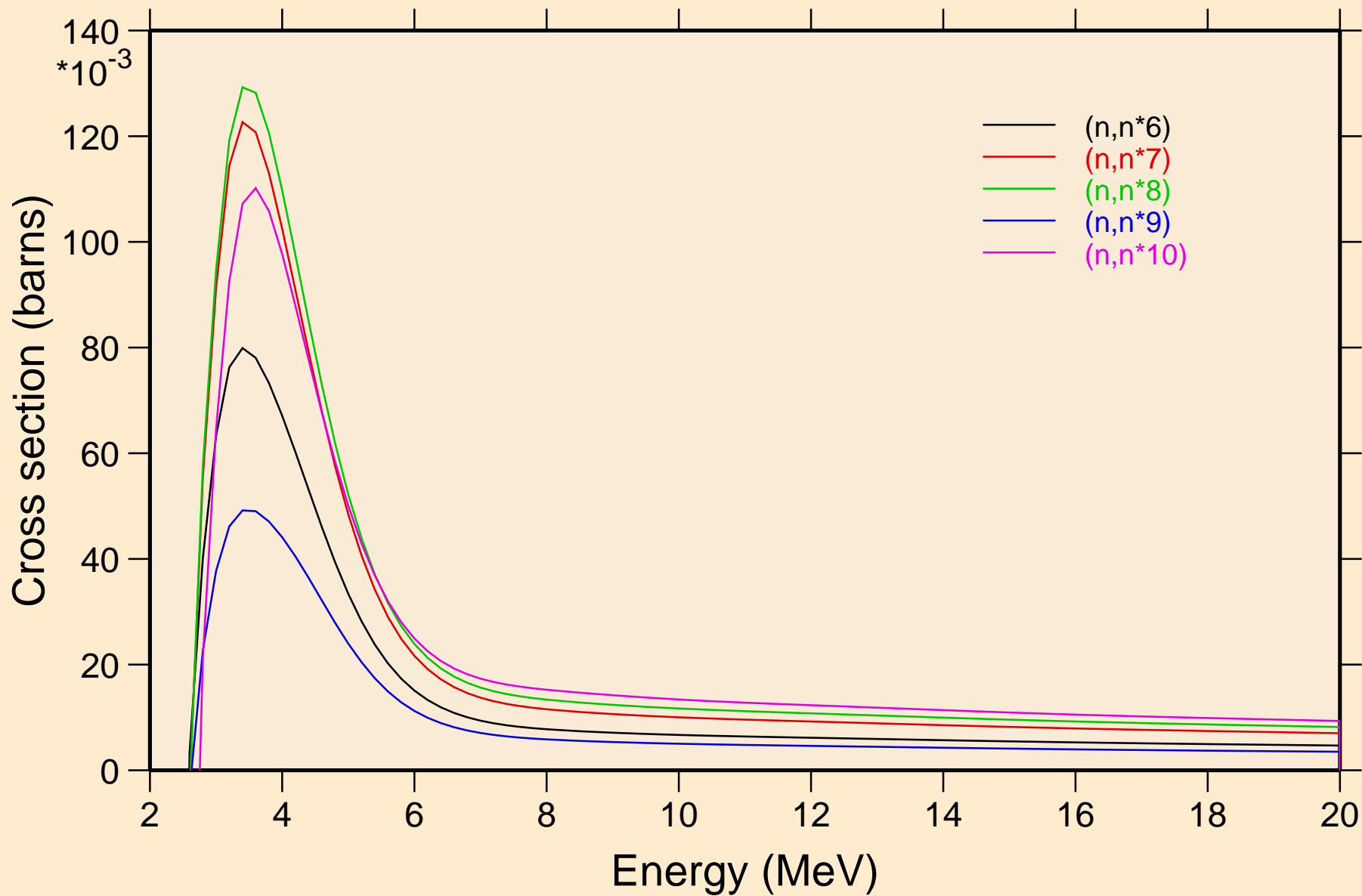
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Non-threshold reactions



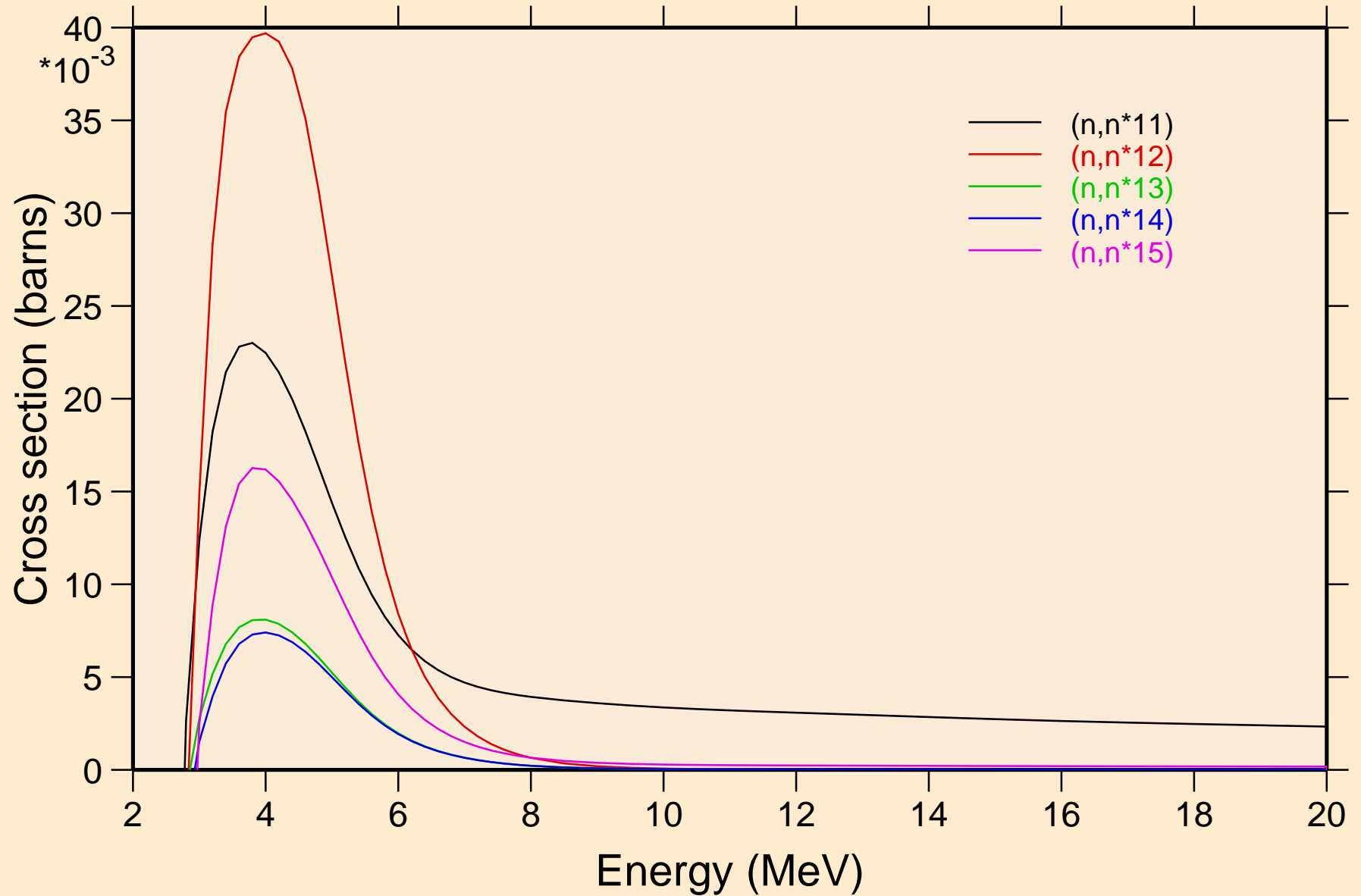
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Inelastic levels



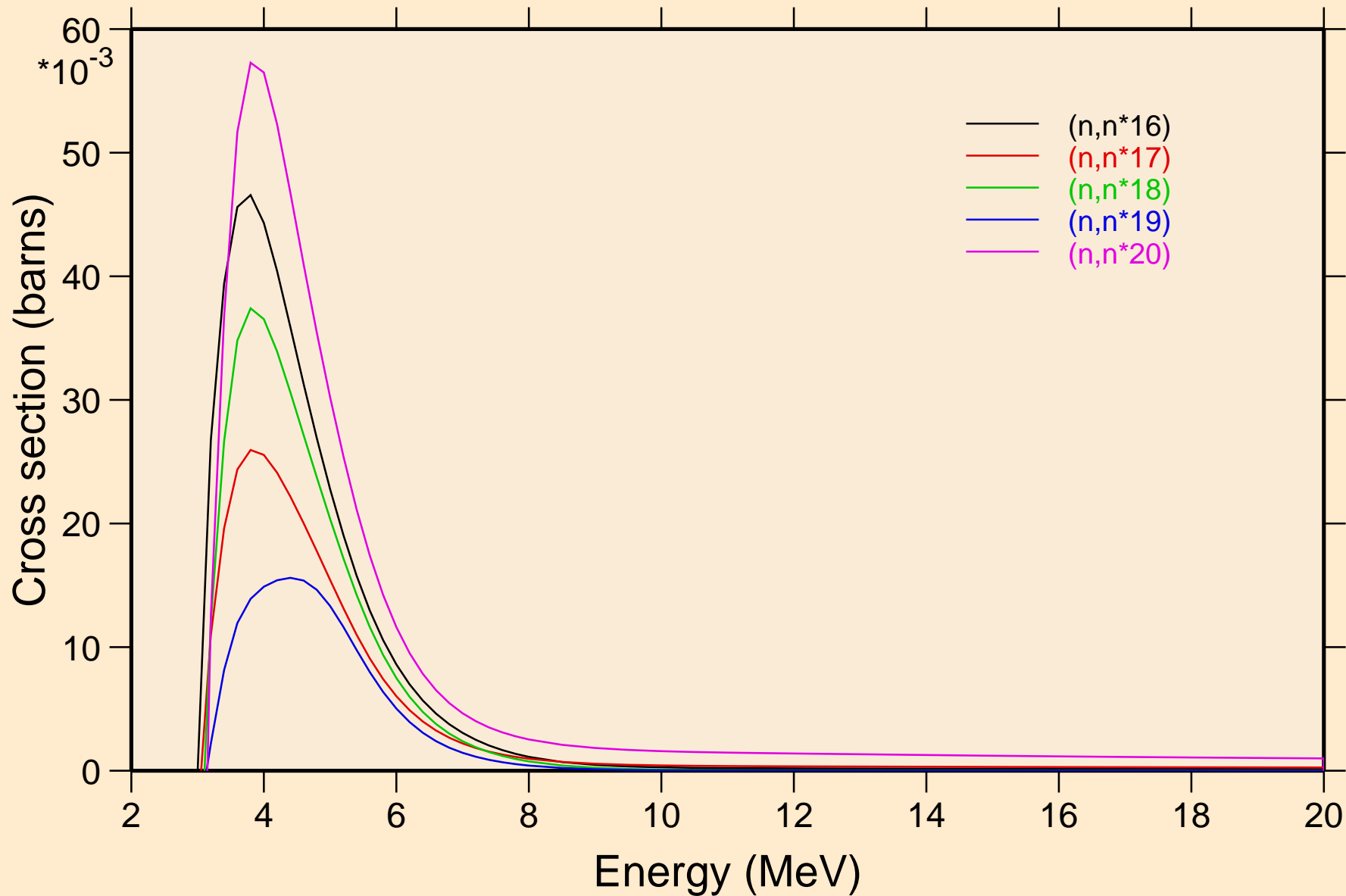
# 83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+ Inelastic levels



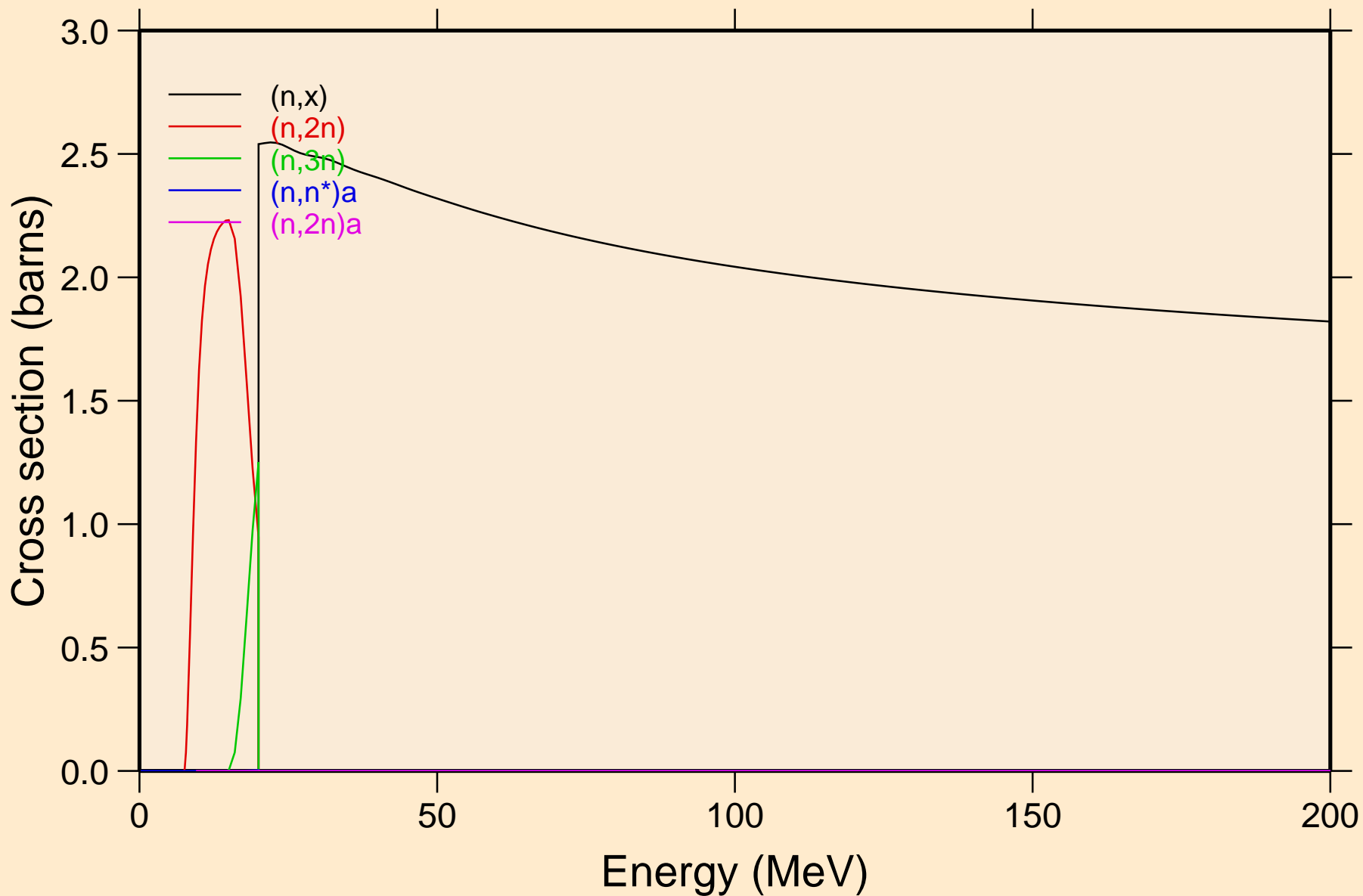
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Inelastic levels



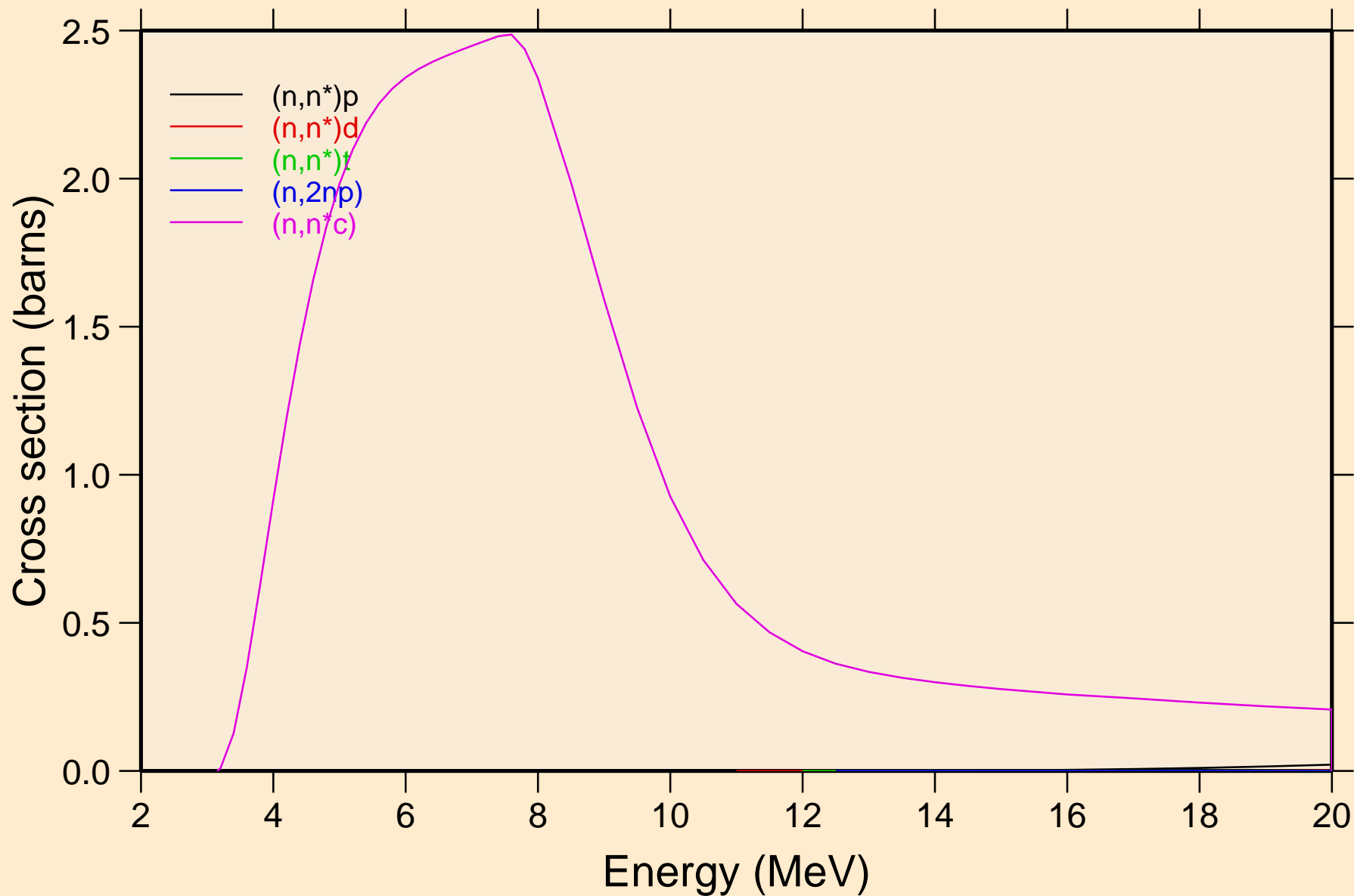
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Inelastic levels



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Threshold reactions

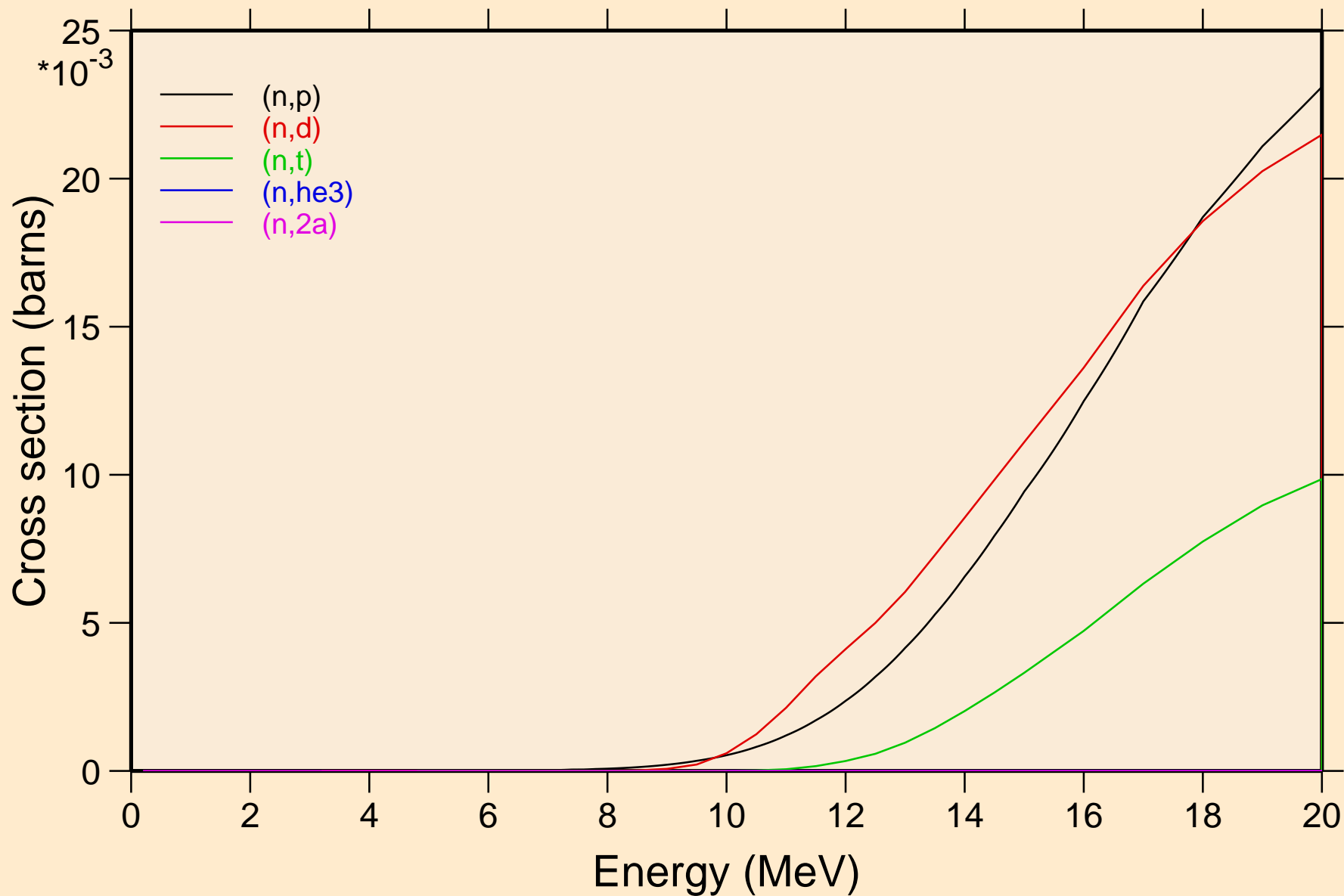


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Threshold reactions

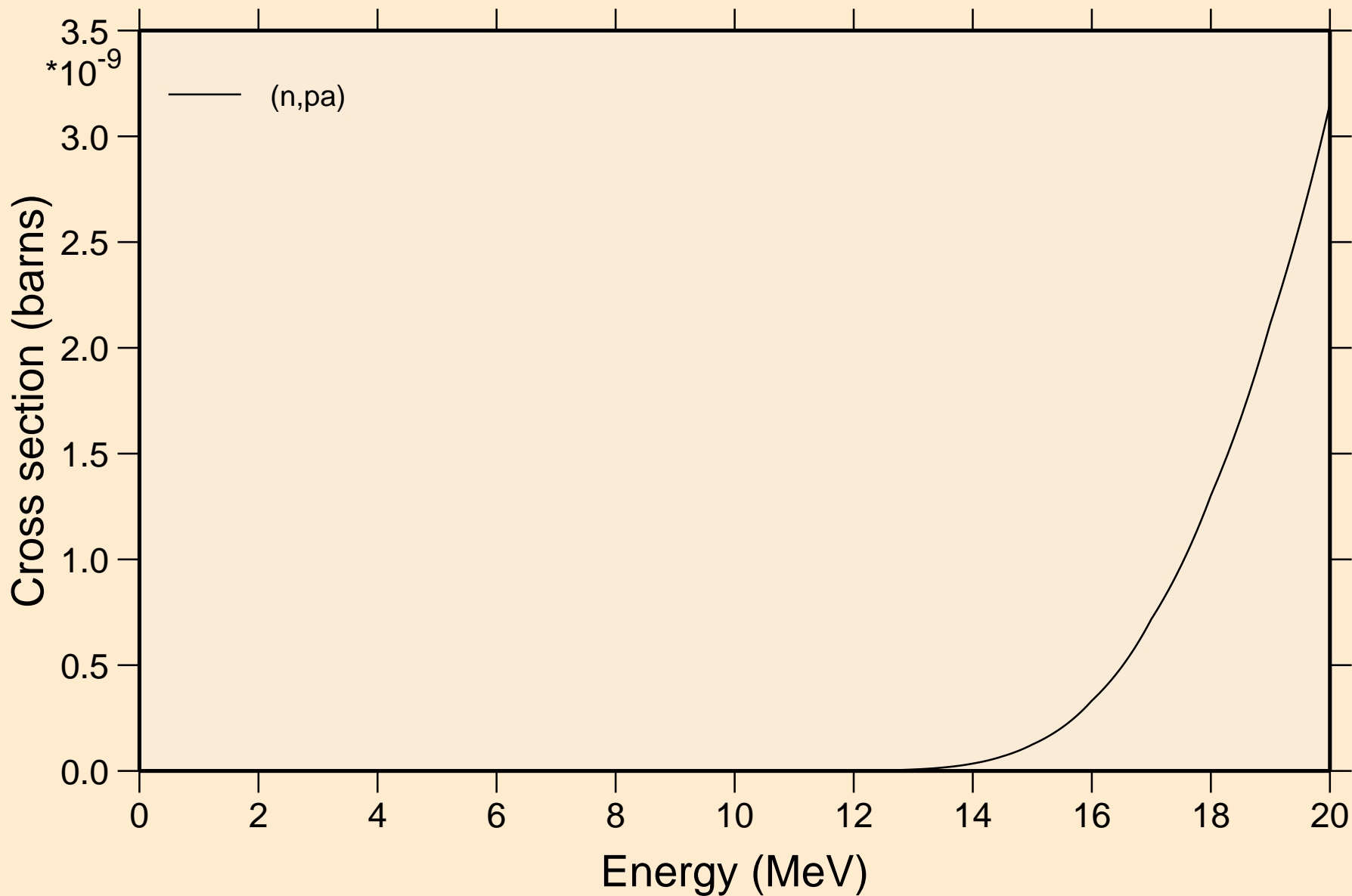




83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Threshold reactions

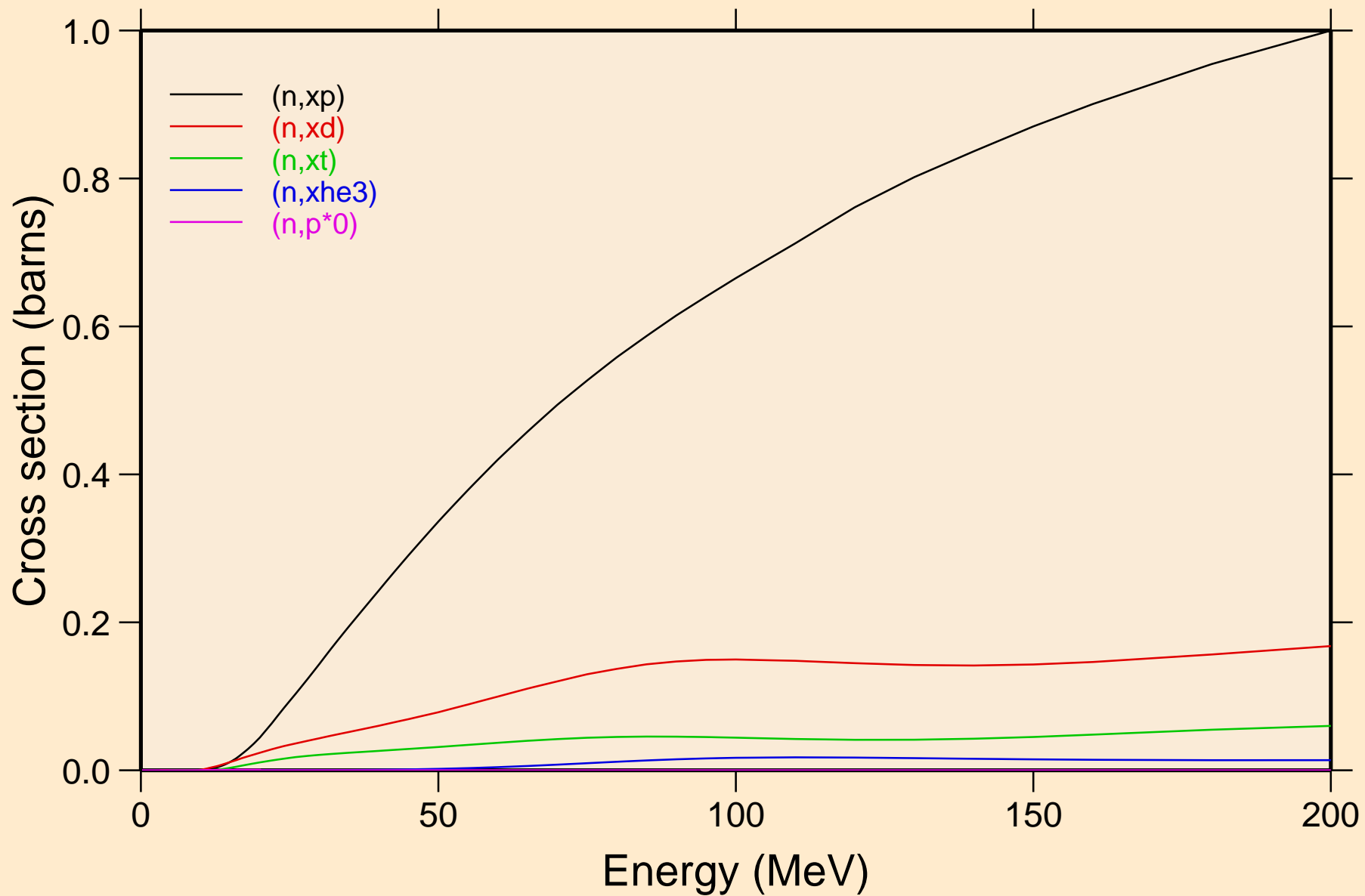


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Threshold reactions

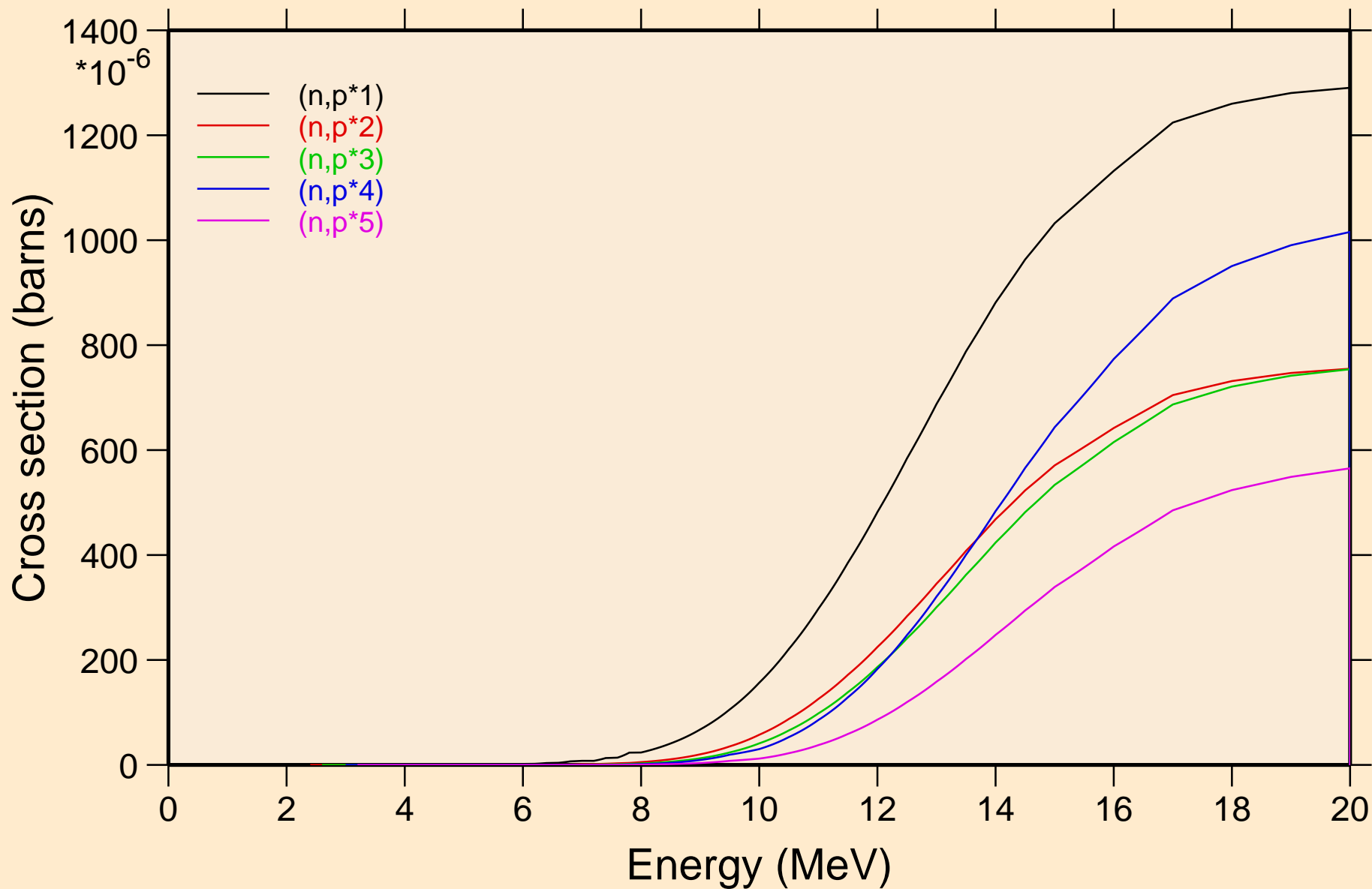


# 83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+

## Threshold reactions

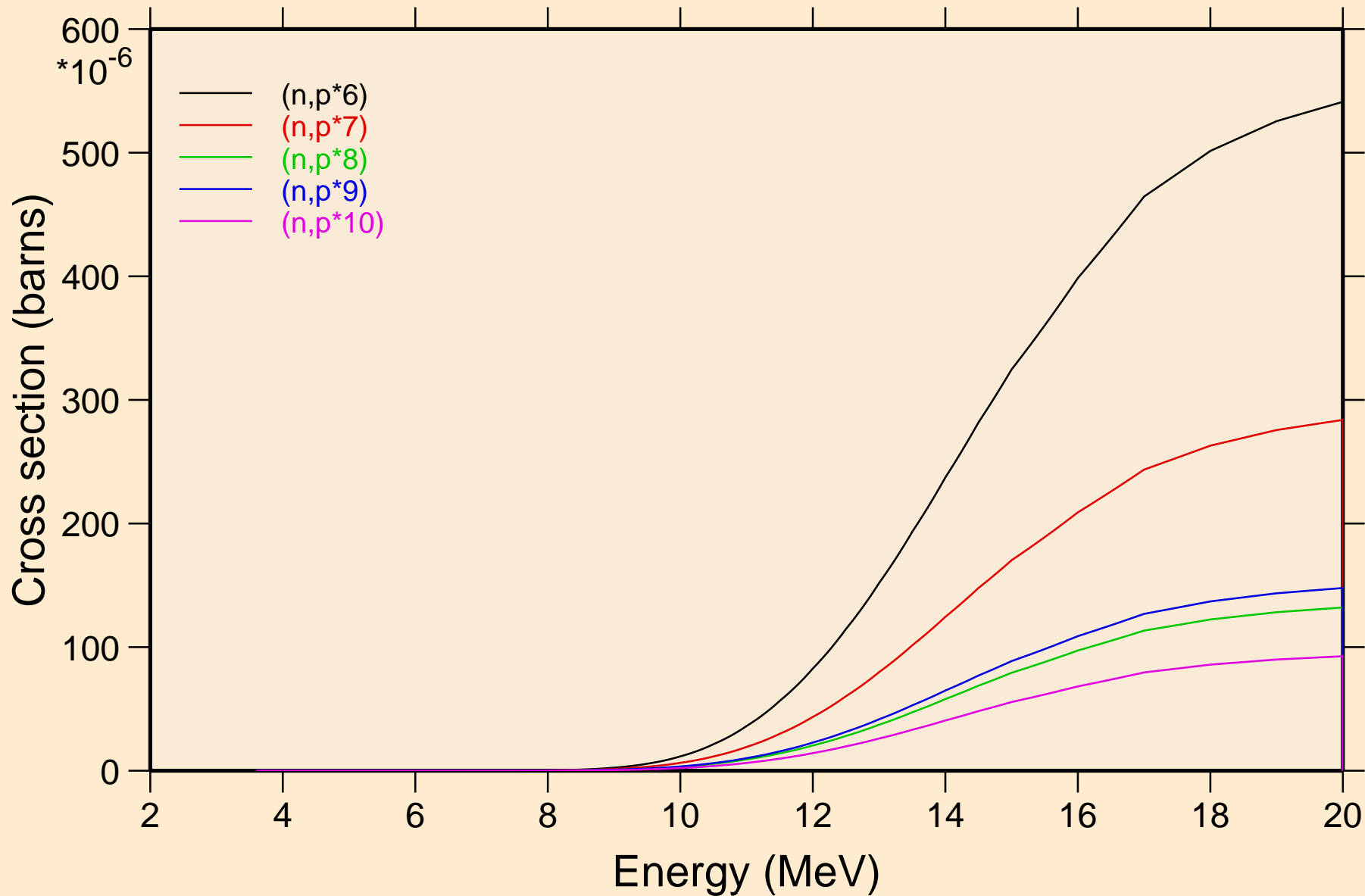


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Threshold reactions

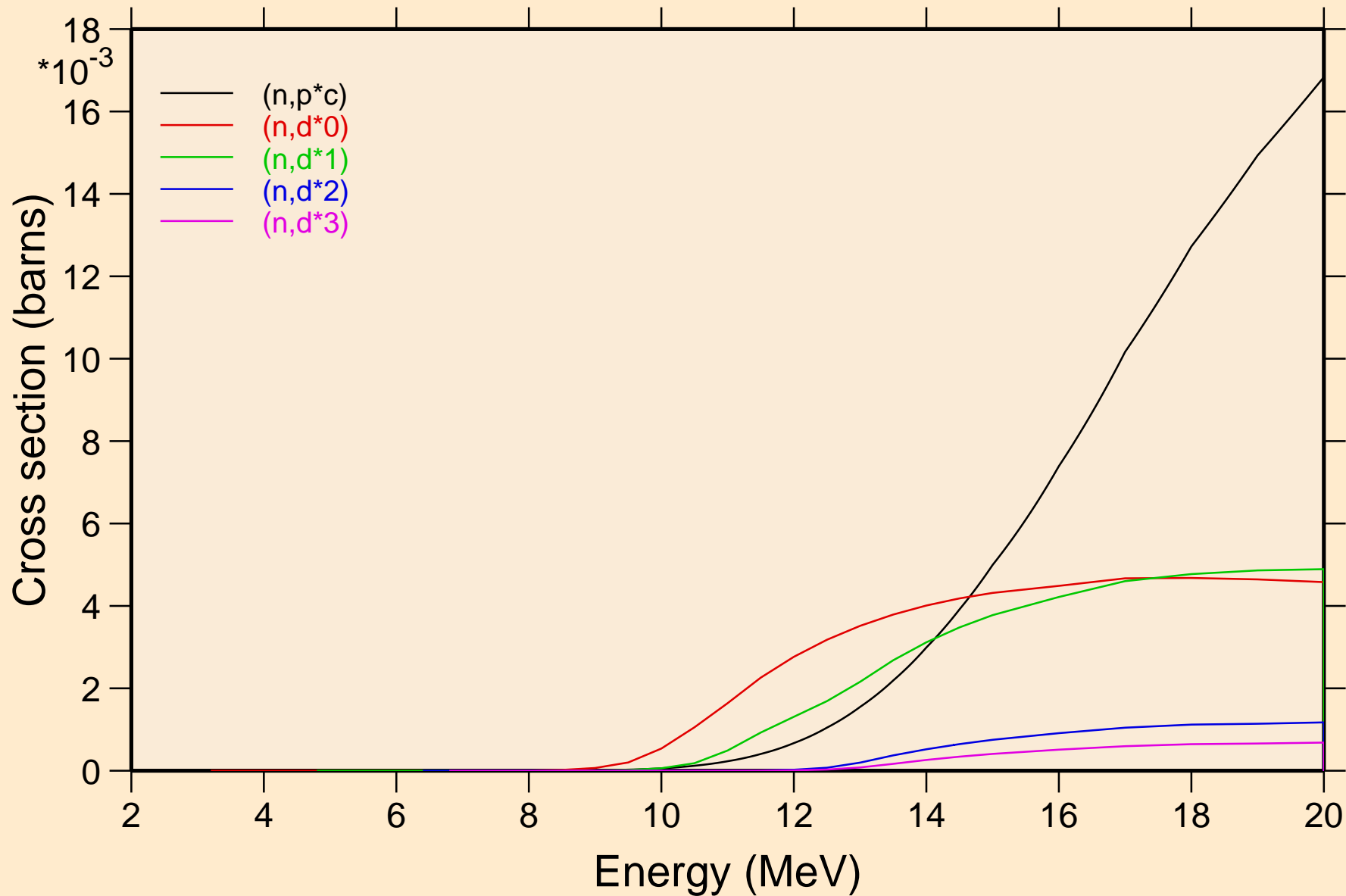


# 83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+

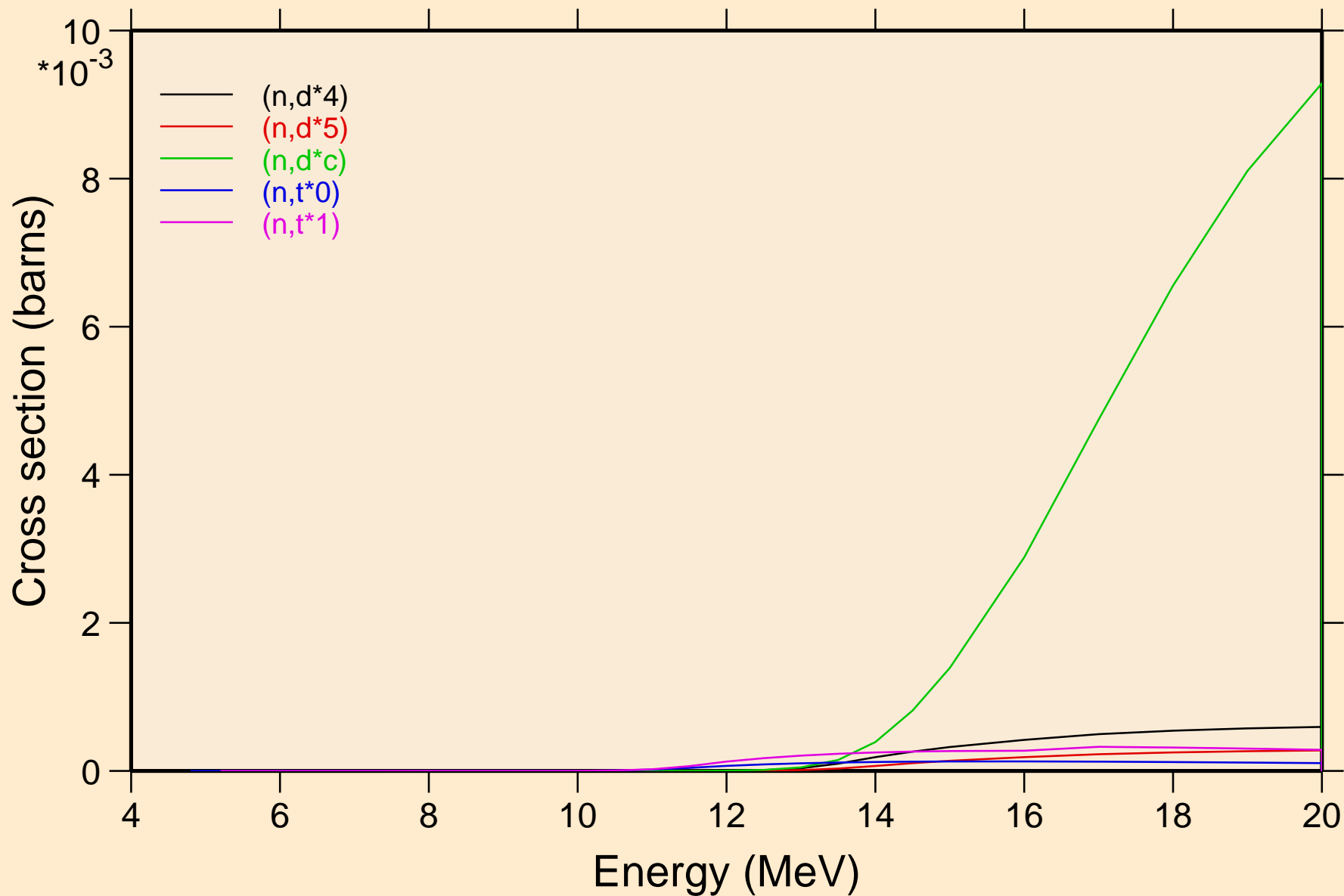
## Threshold reactions



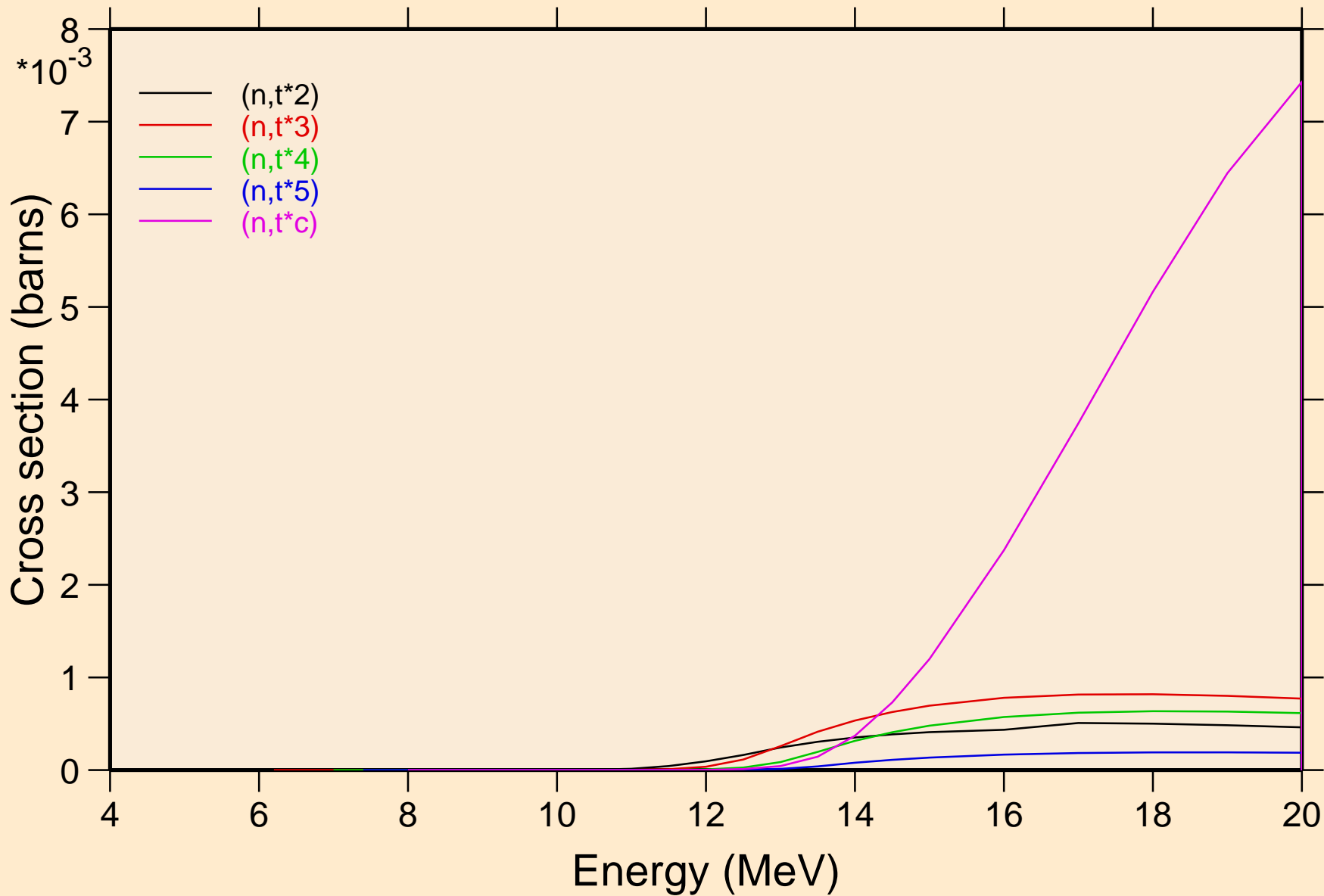
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Threshold reactions



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Threshold reactions

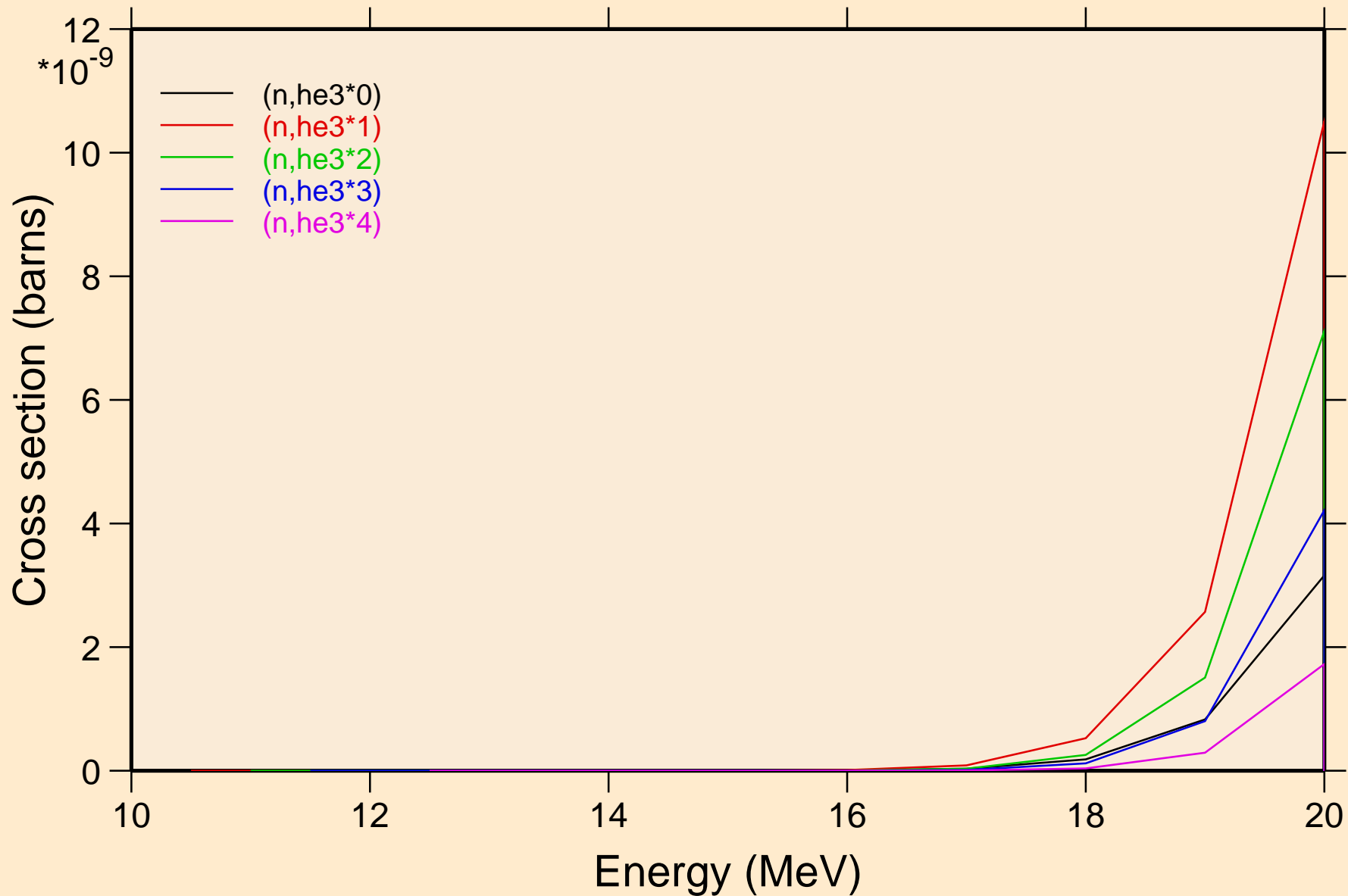


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Threshold reactions

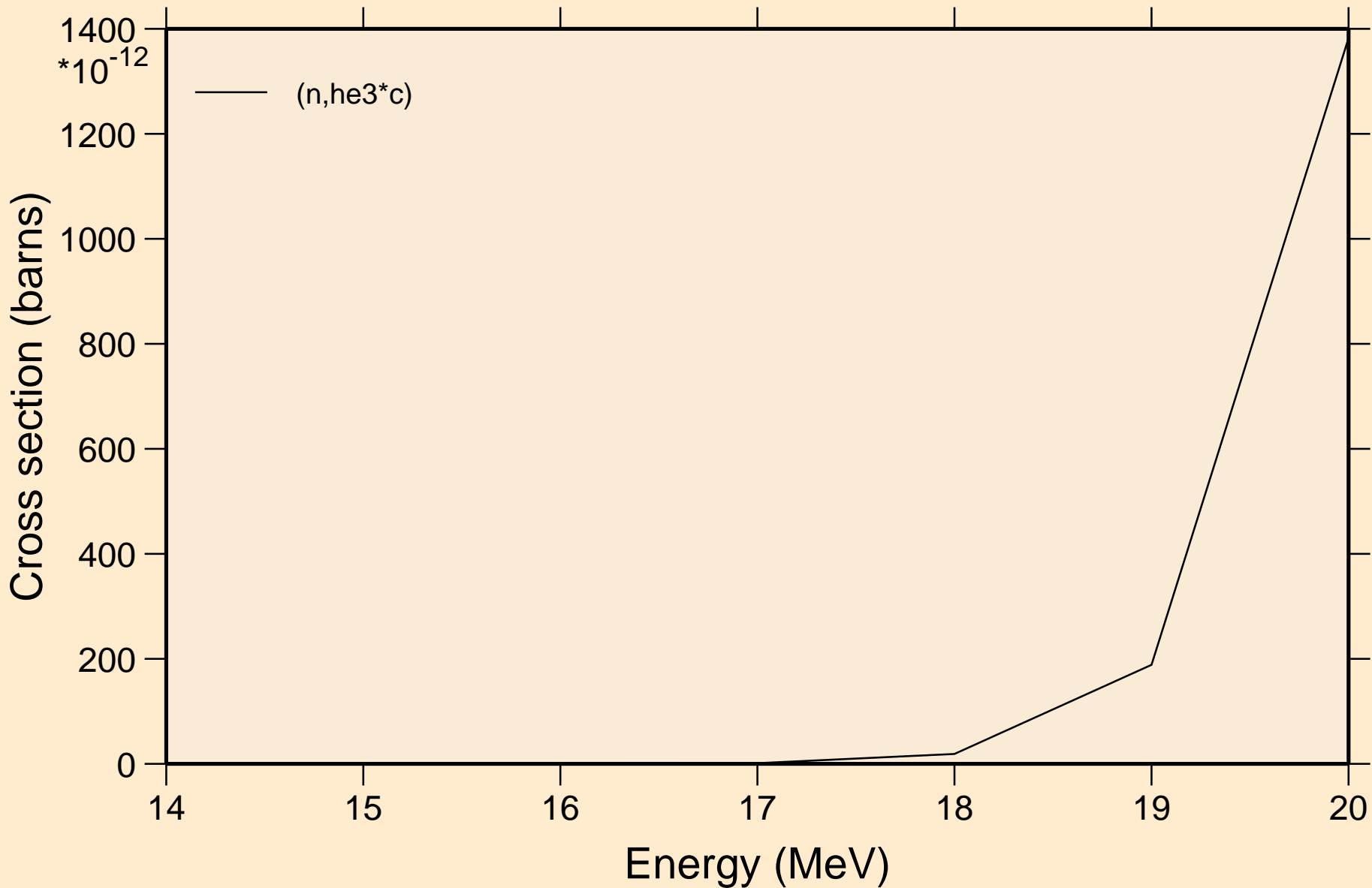




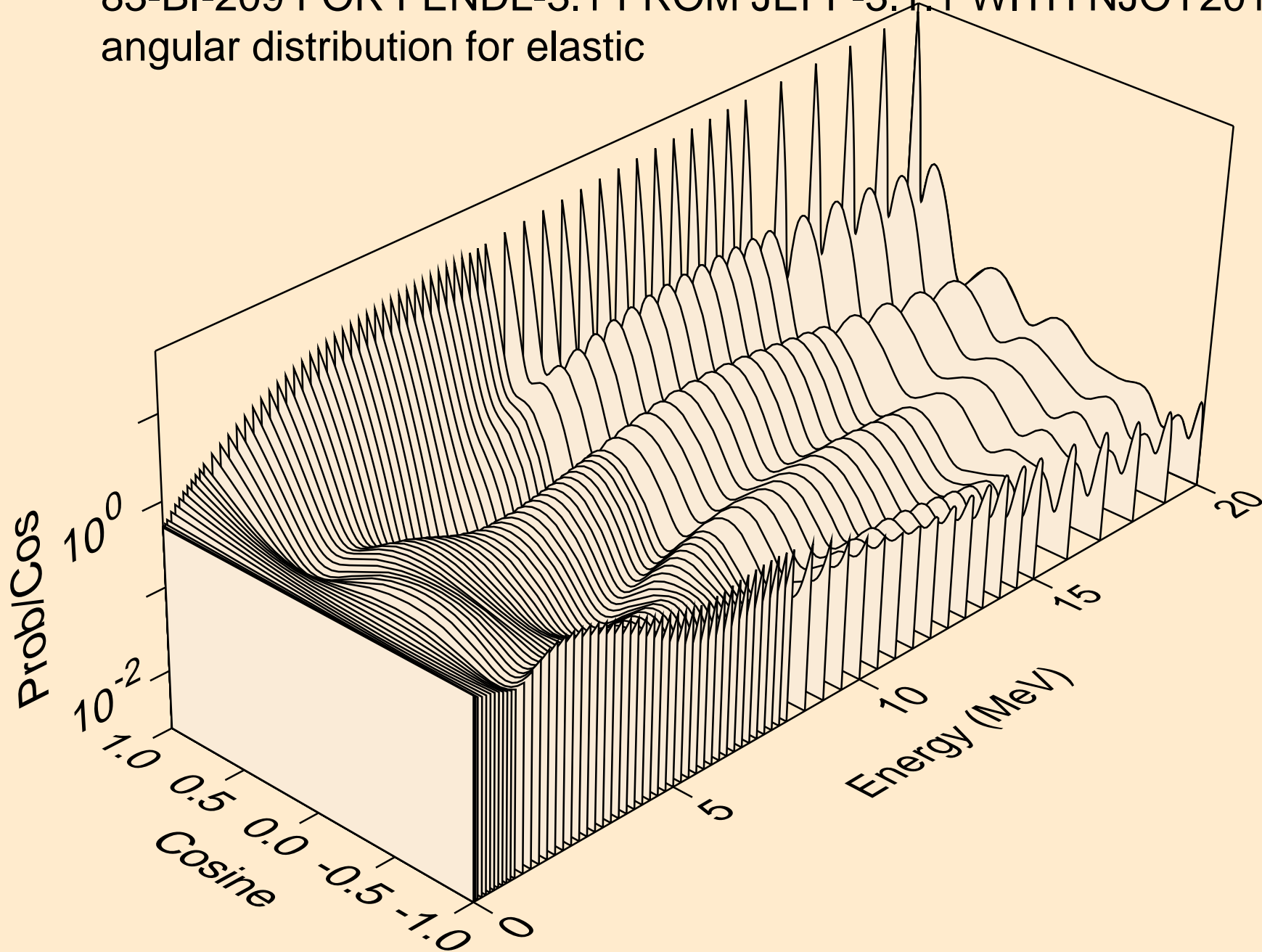
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Threshold reactions



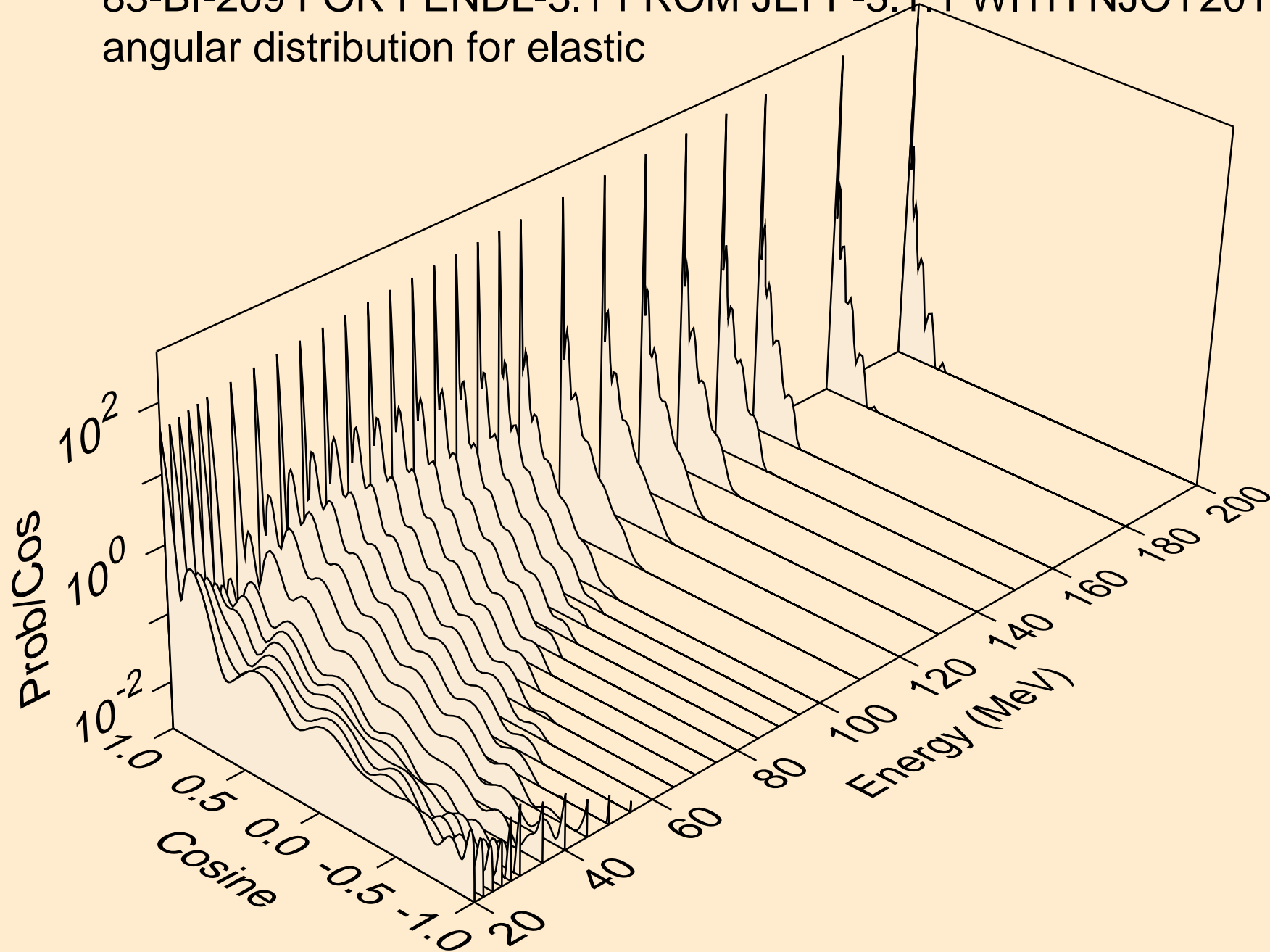
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Threshold reactions



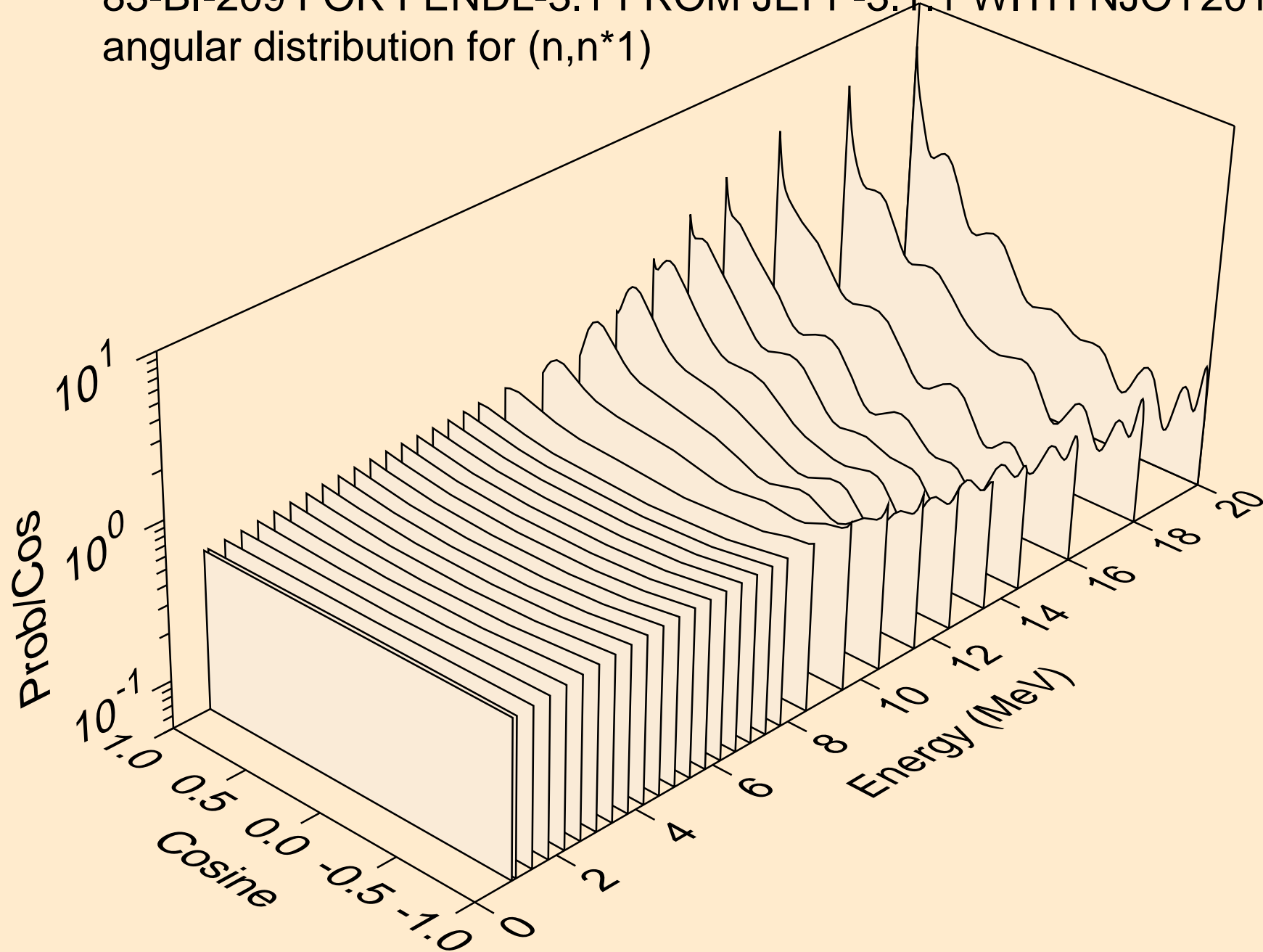
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for elastic



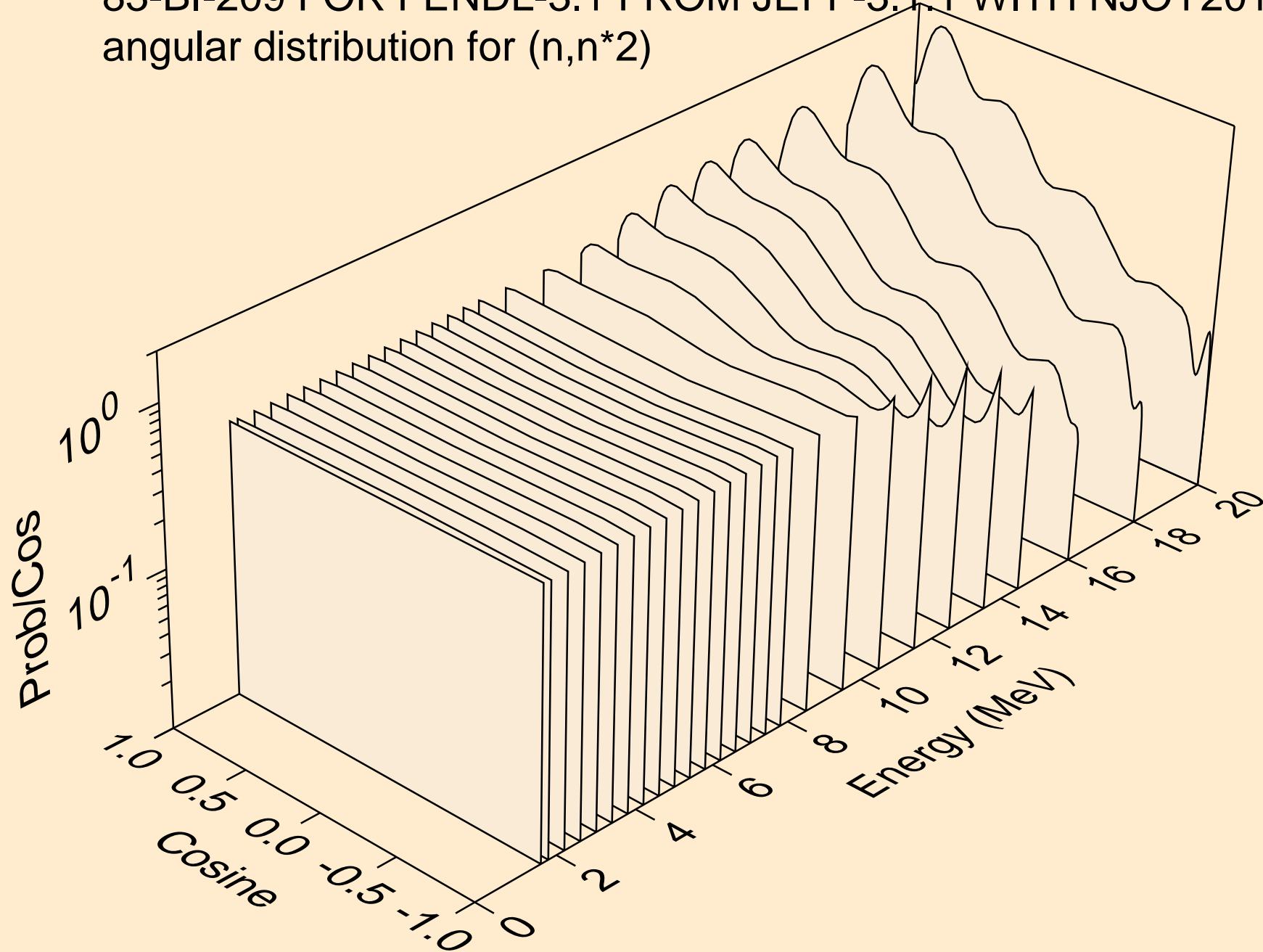
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for elastic



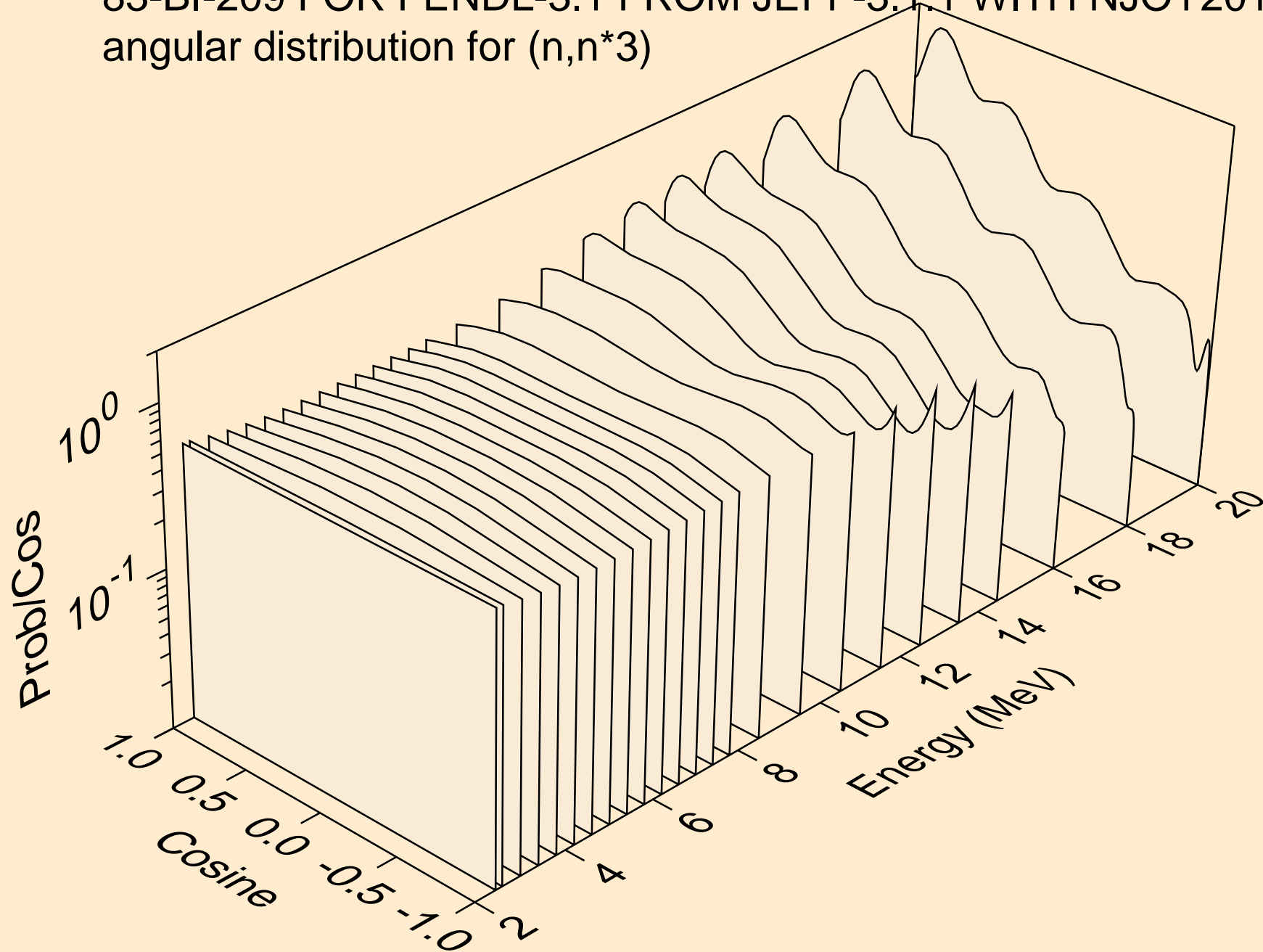
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*1)



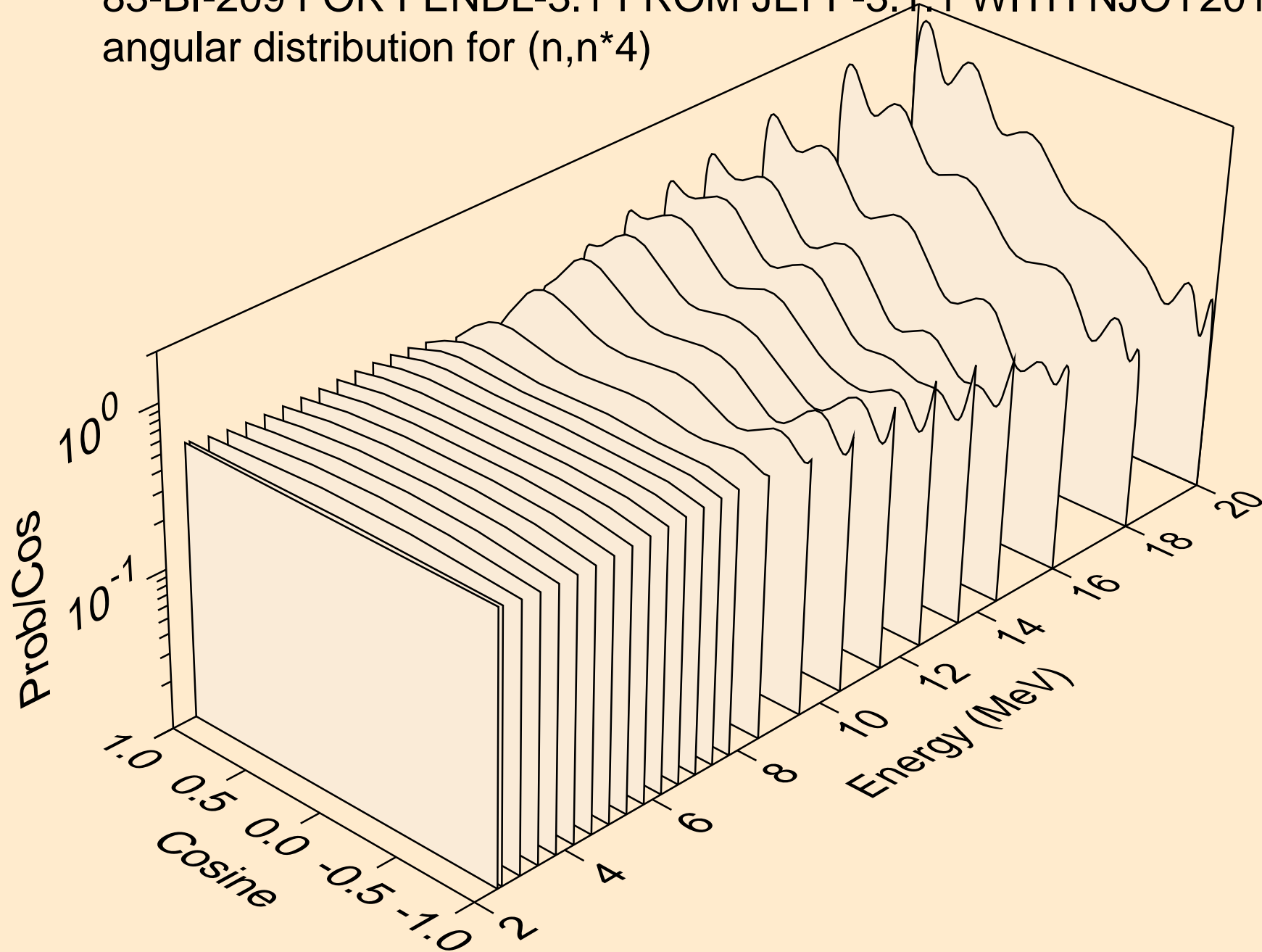
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*2)



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*3)

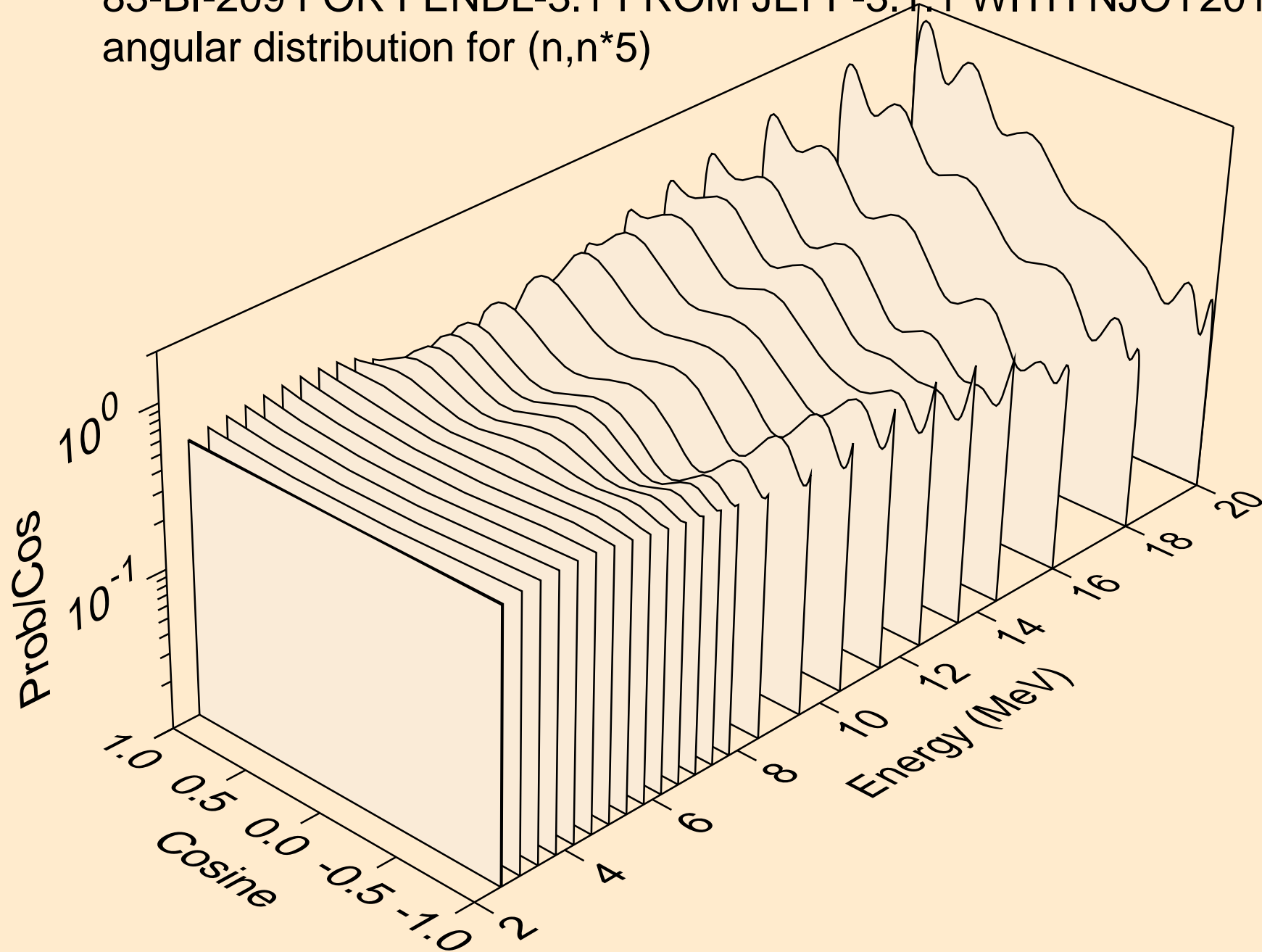


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*4)

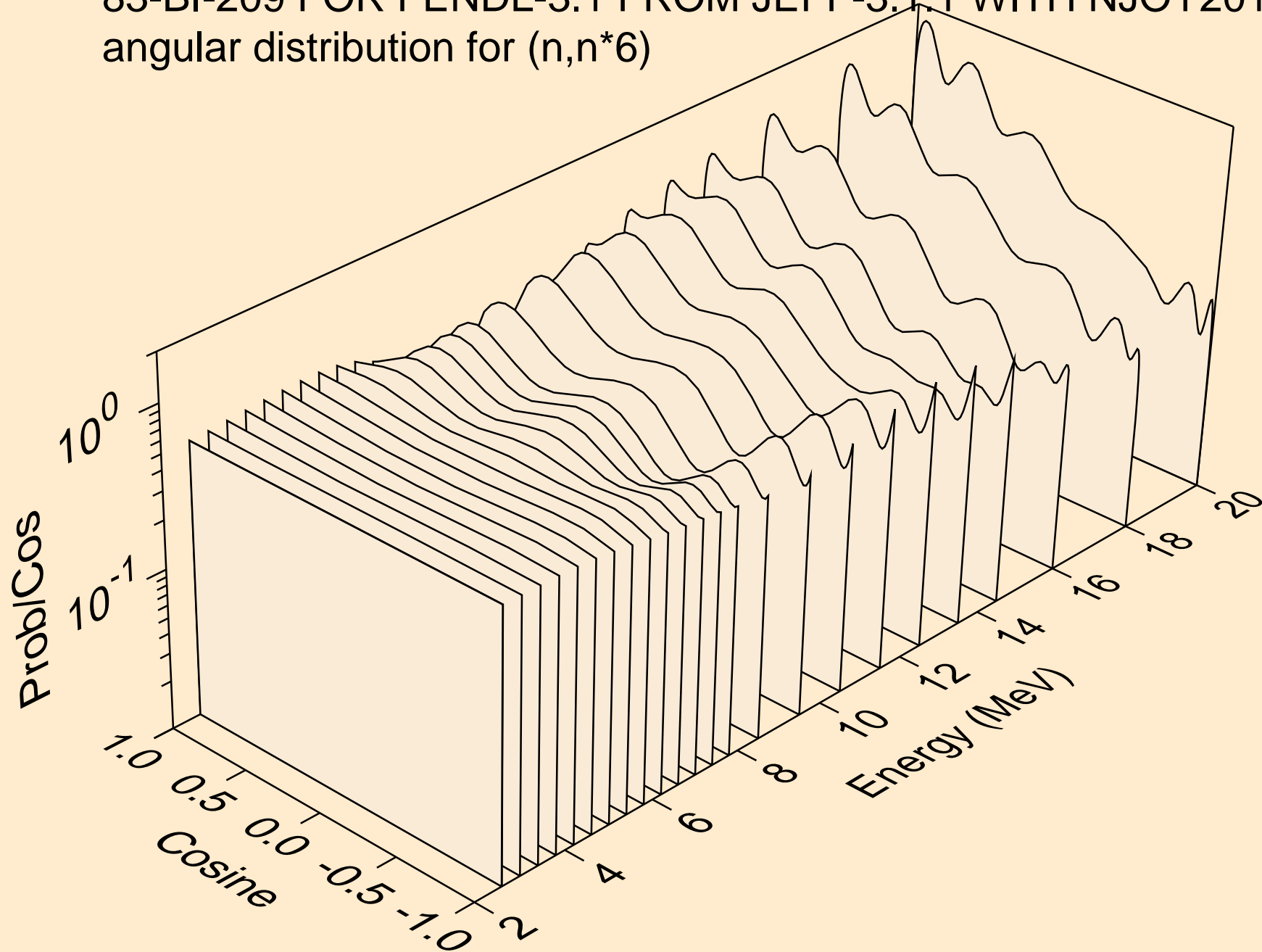




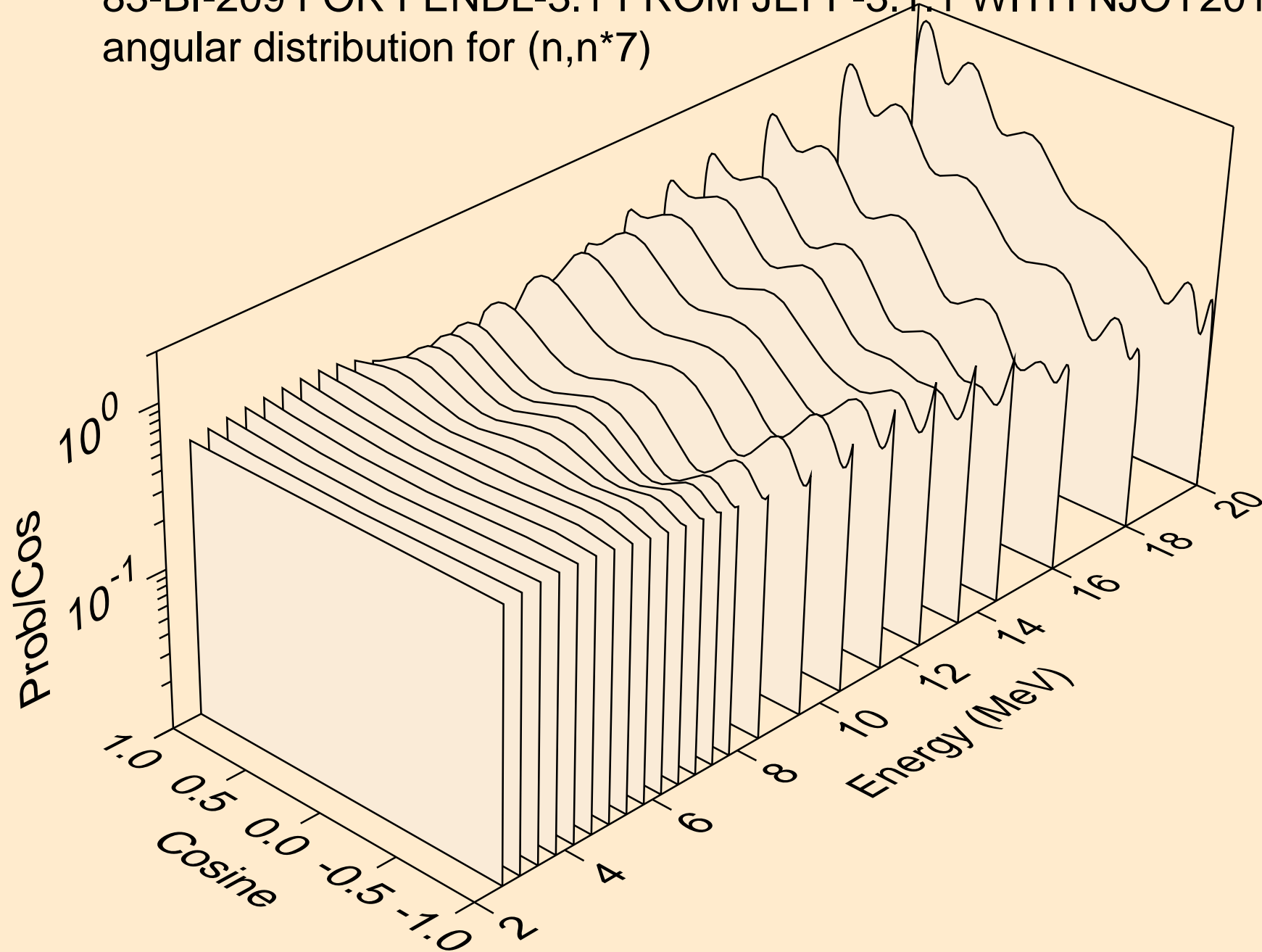
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*5)



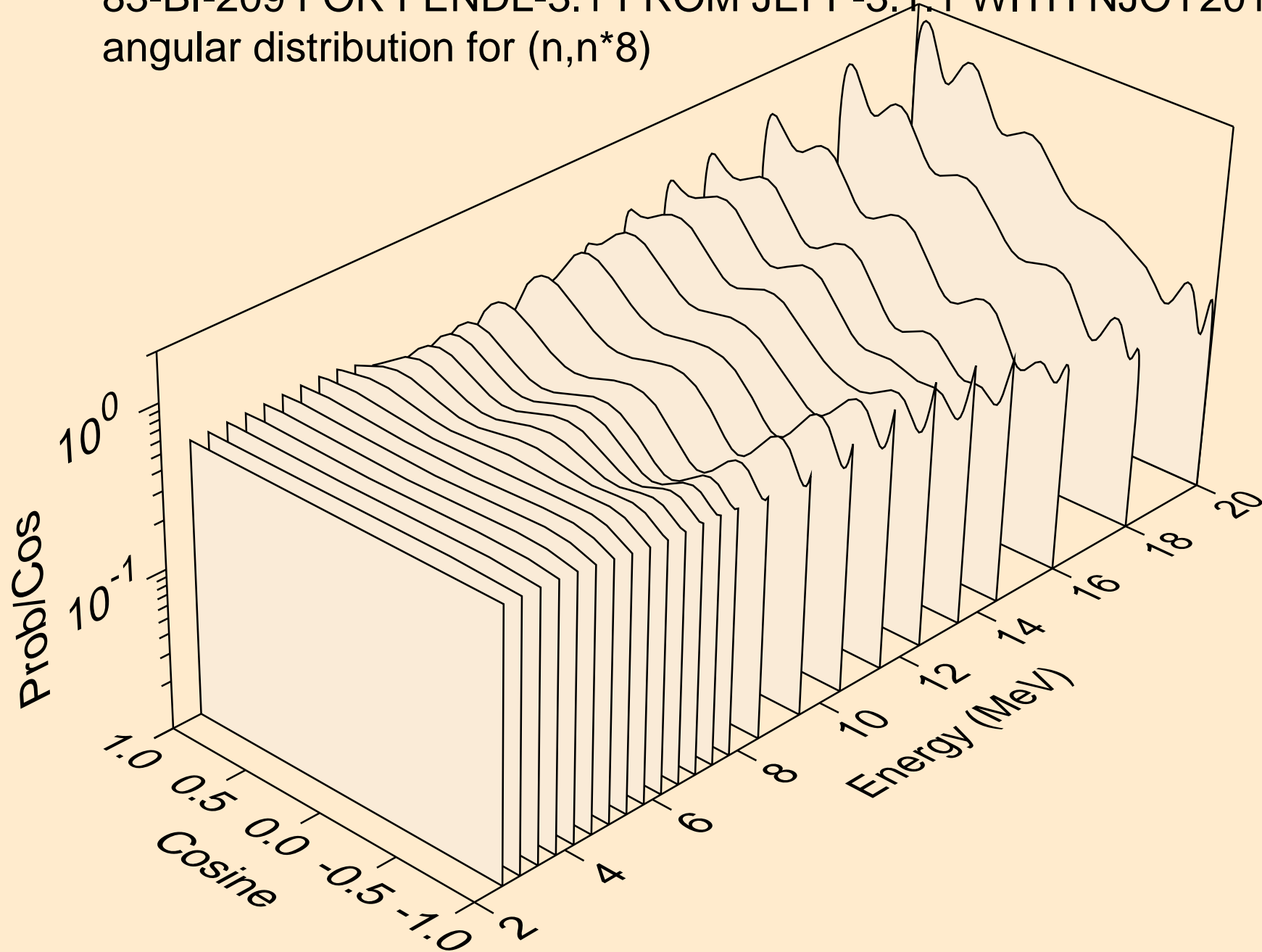
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*6)



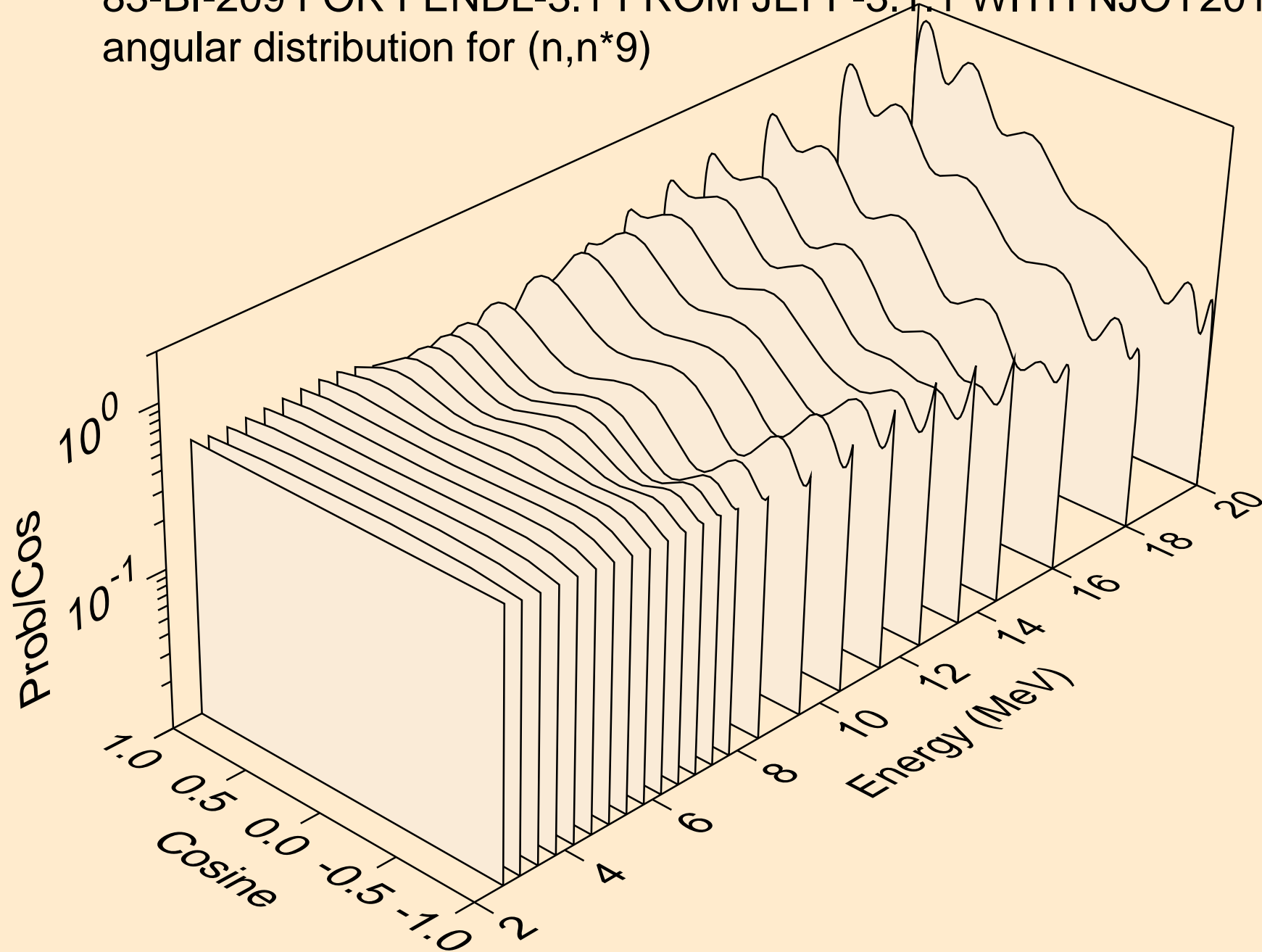
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*7)



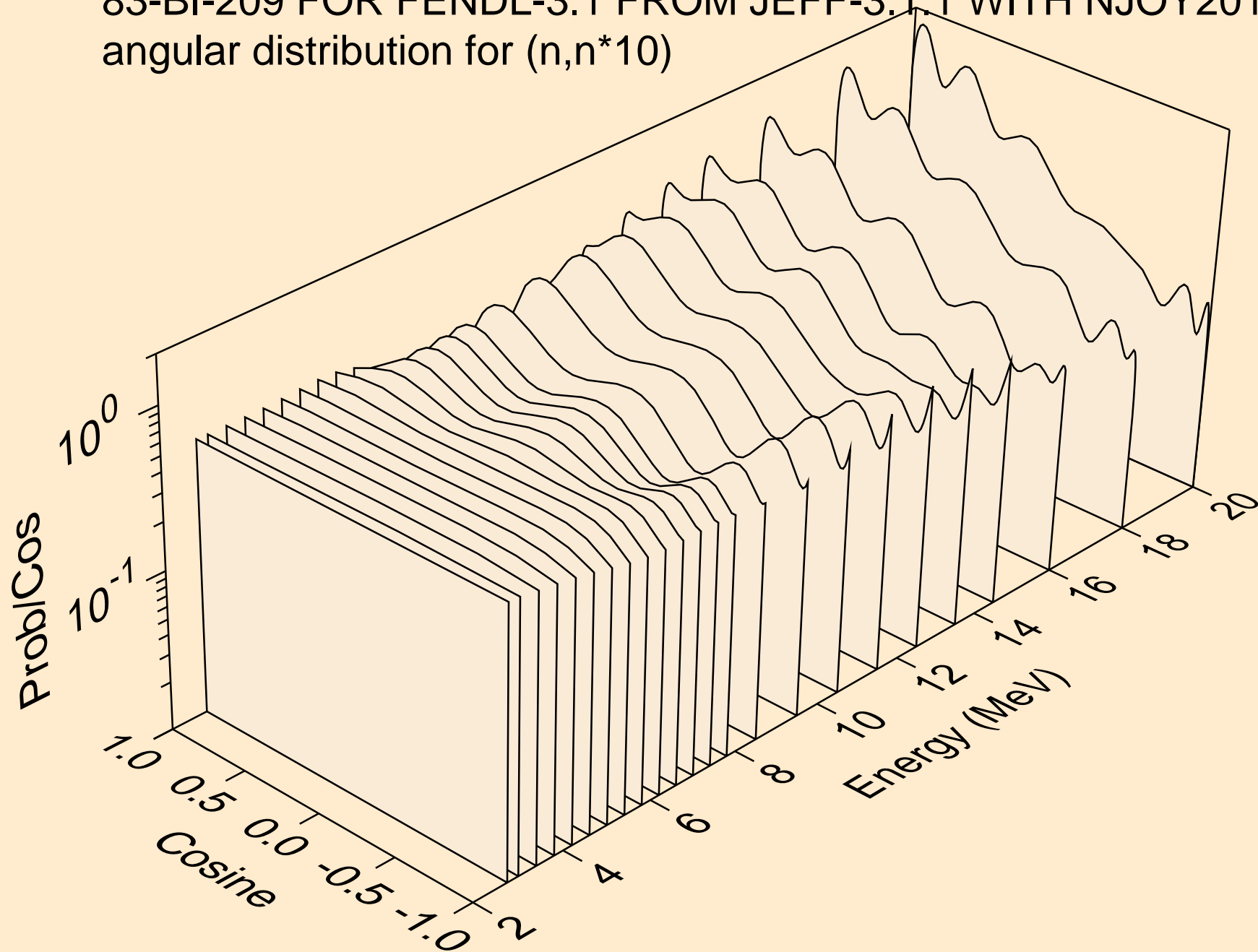
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*8)



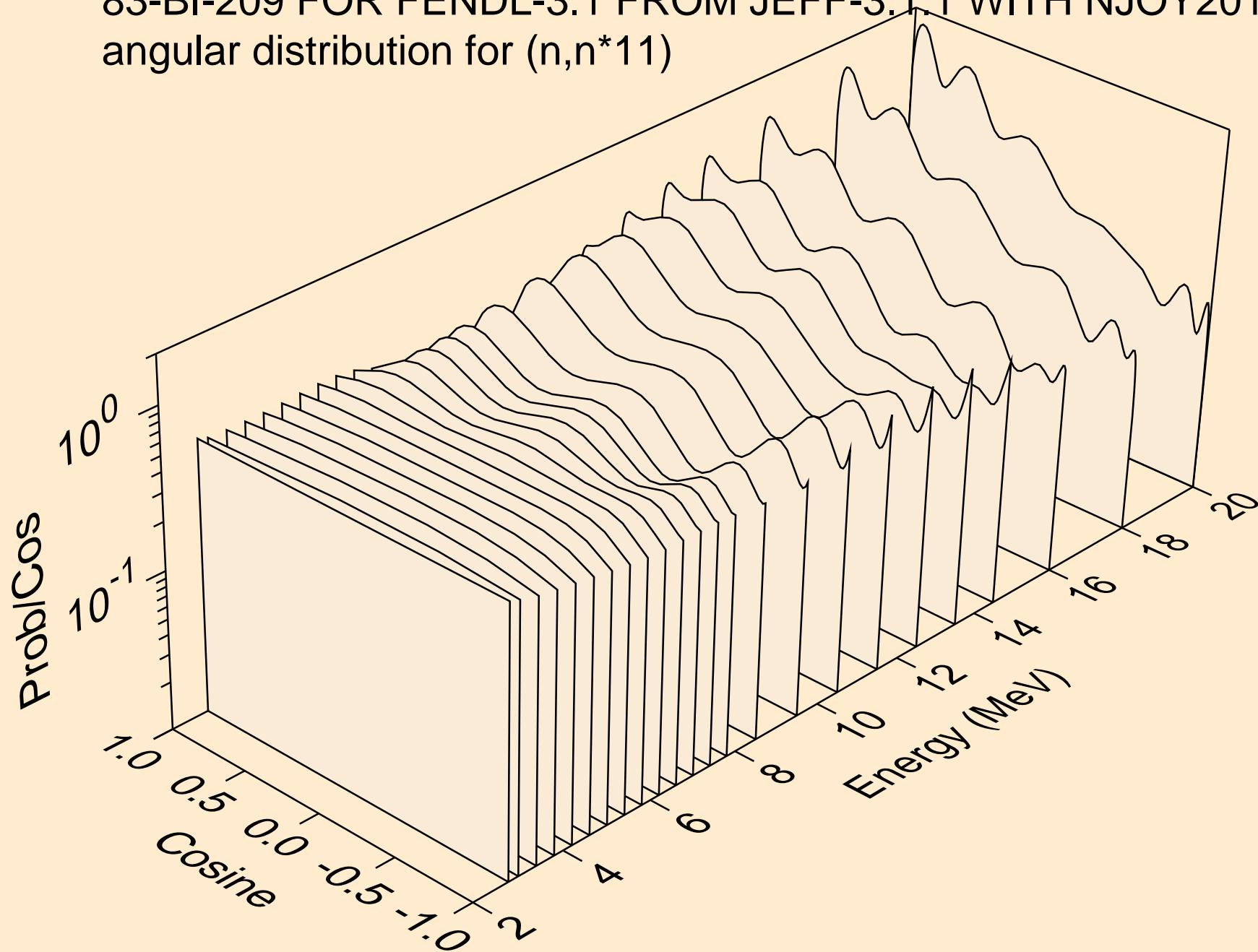
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*9)



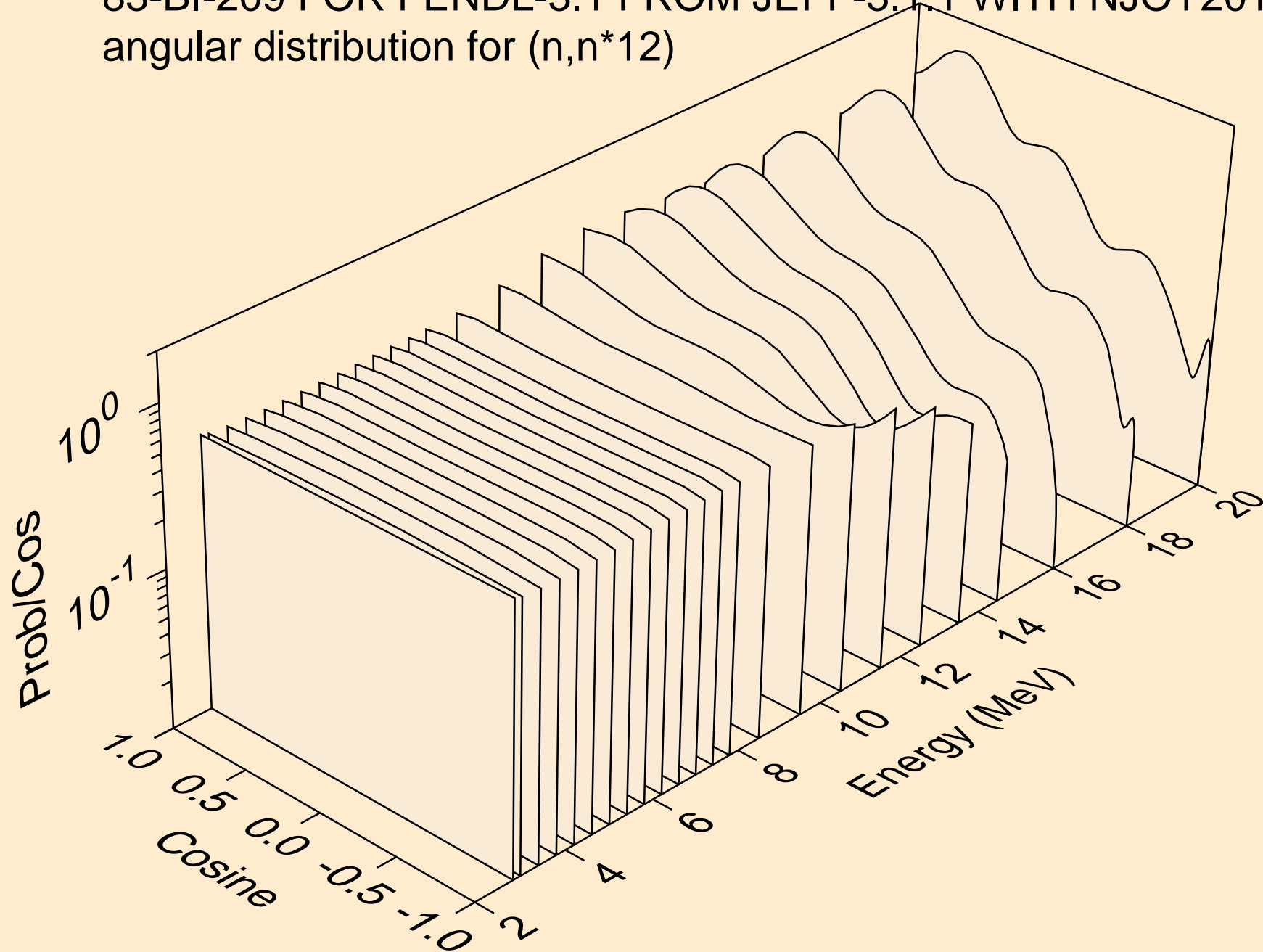
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*10)



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*11)

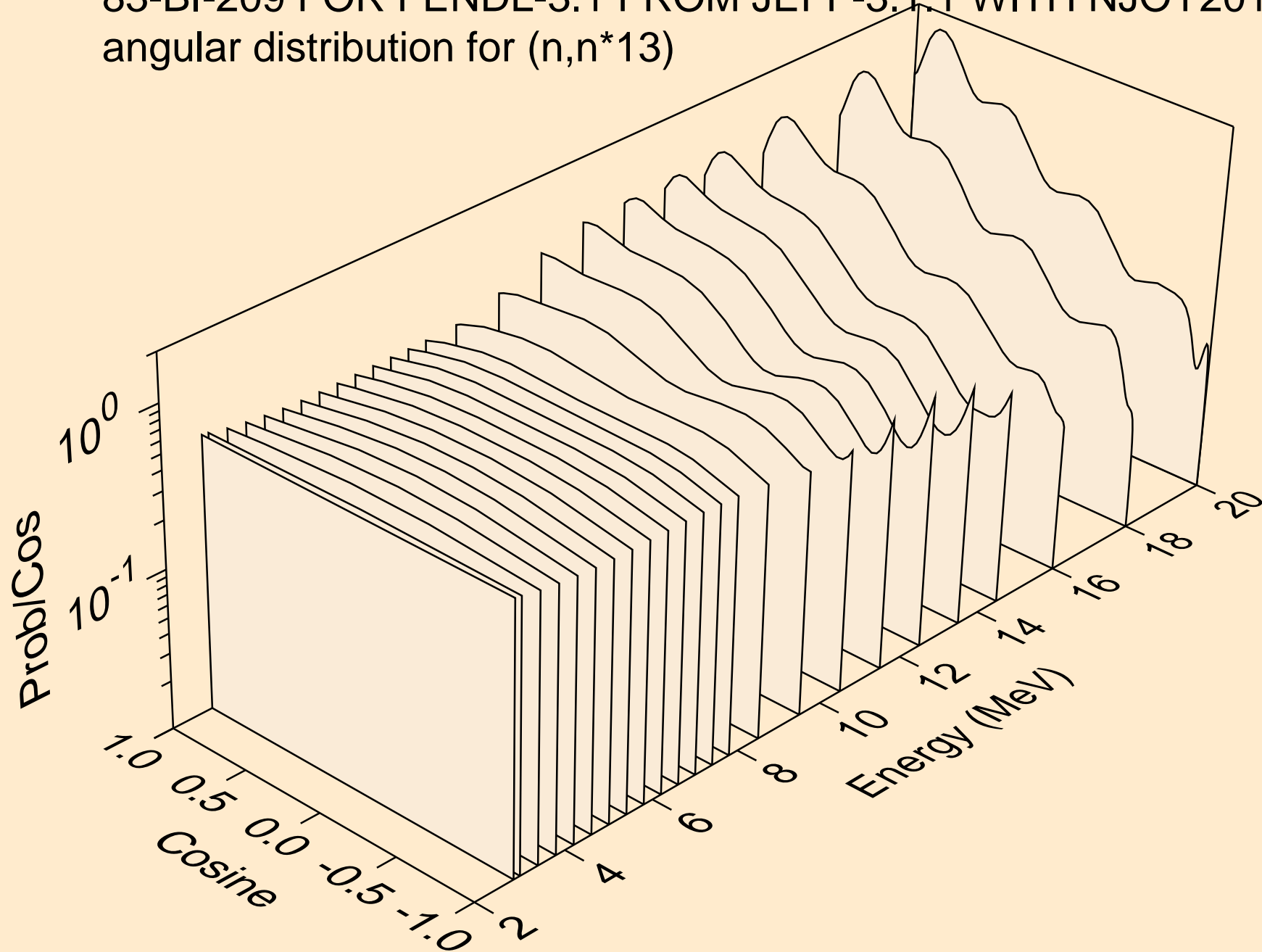


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*12)

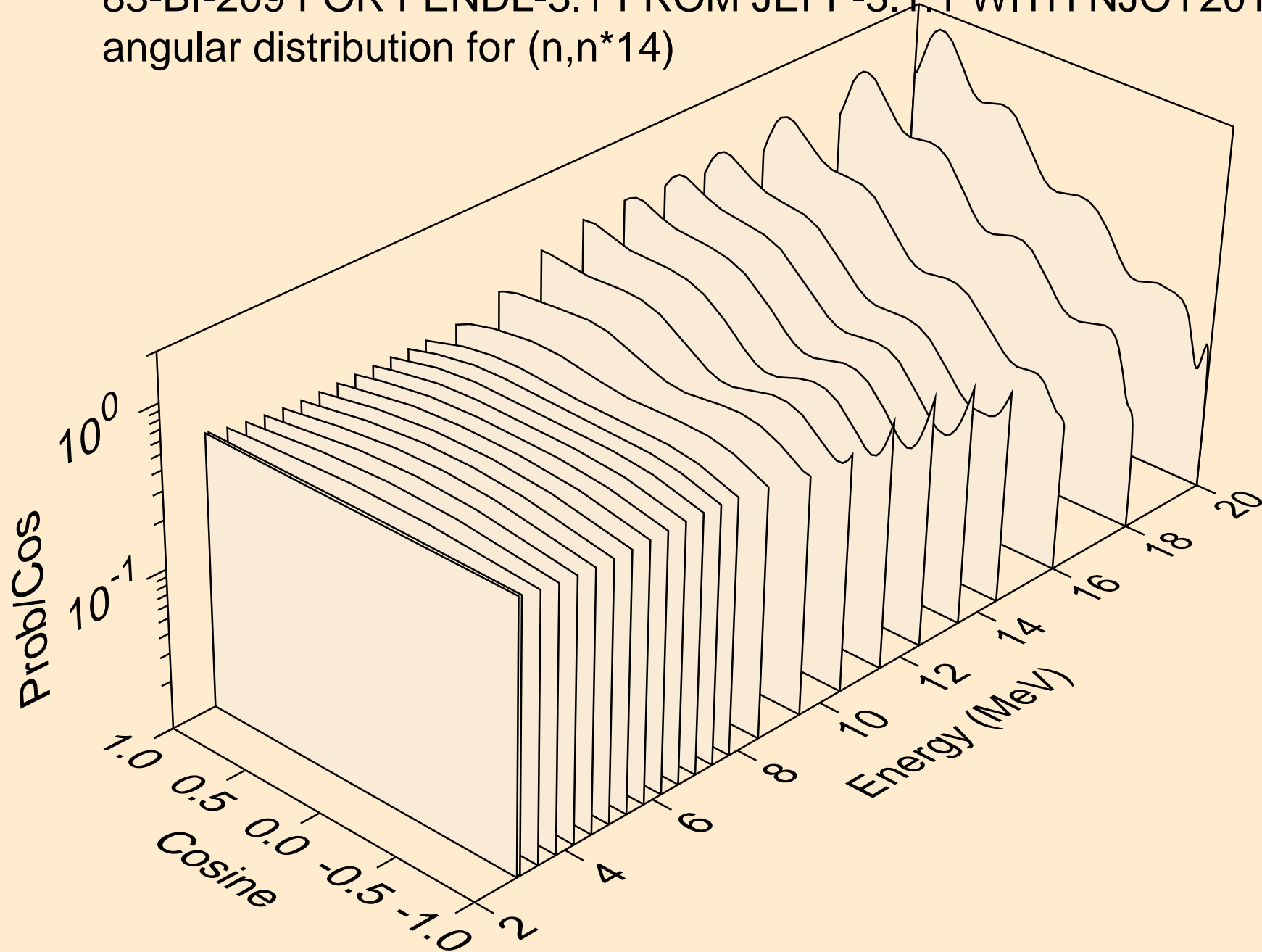




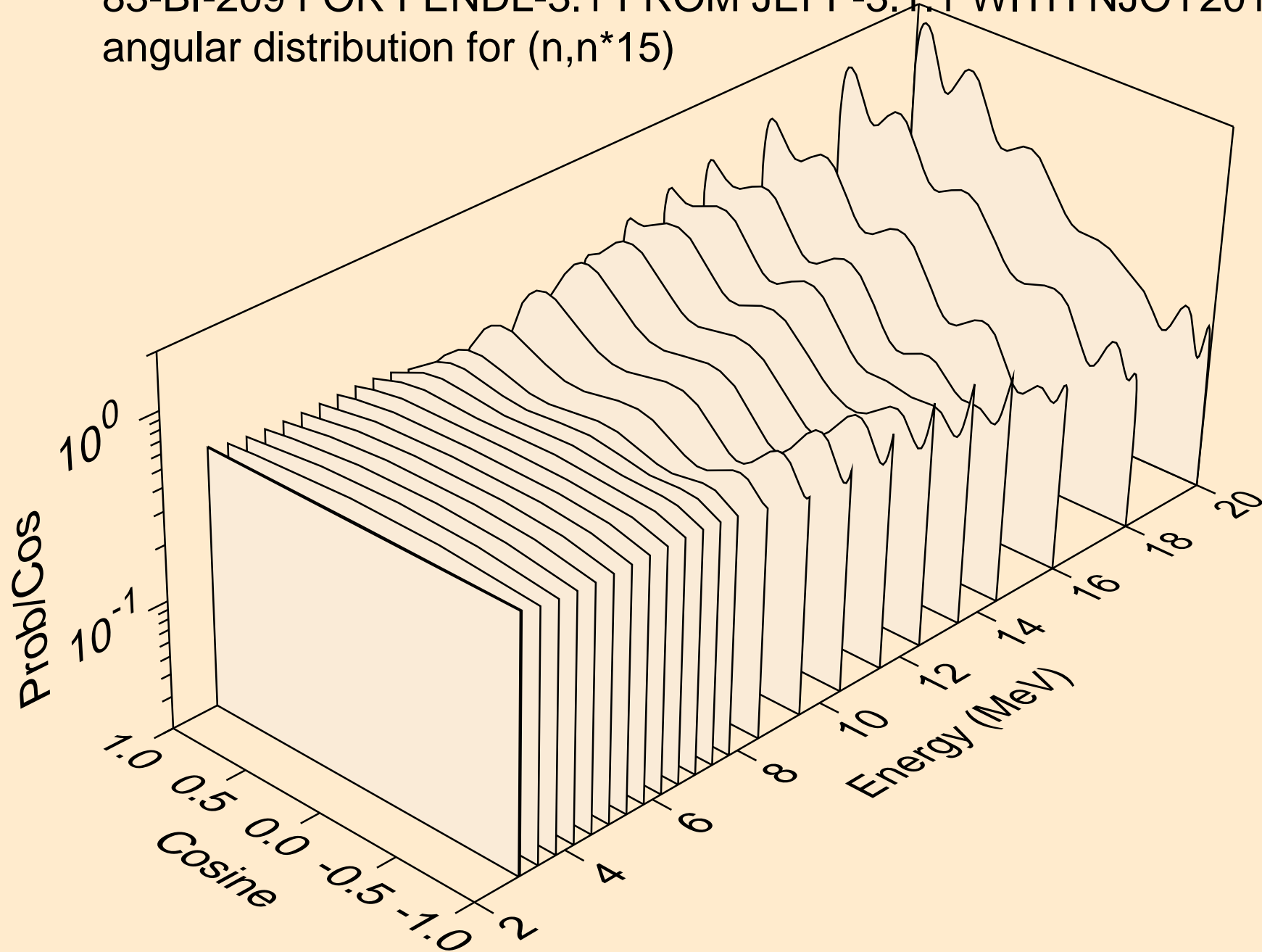
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*13)



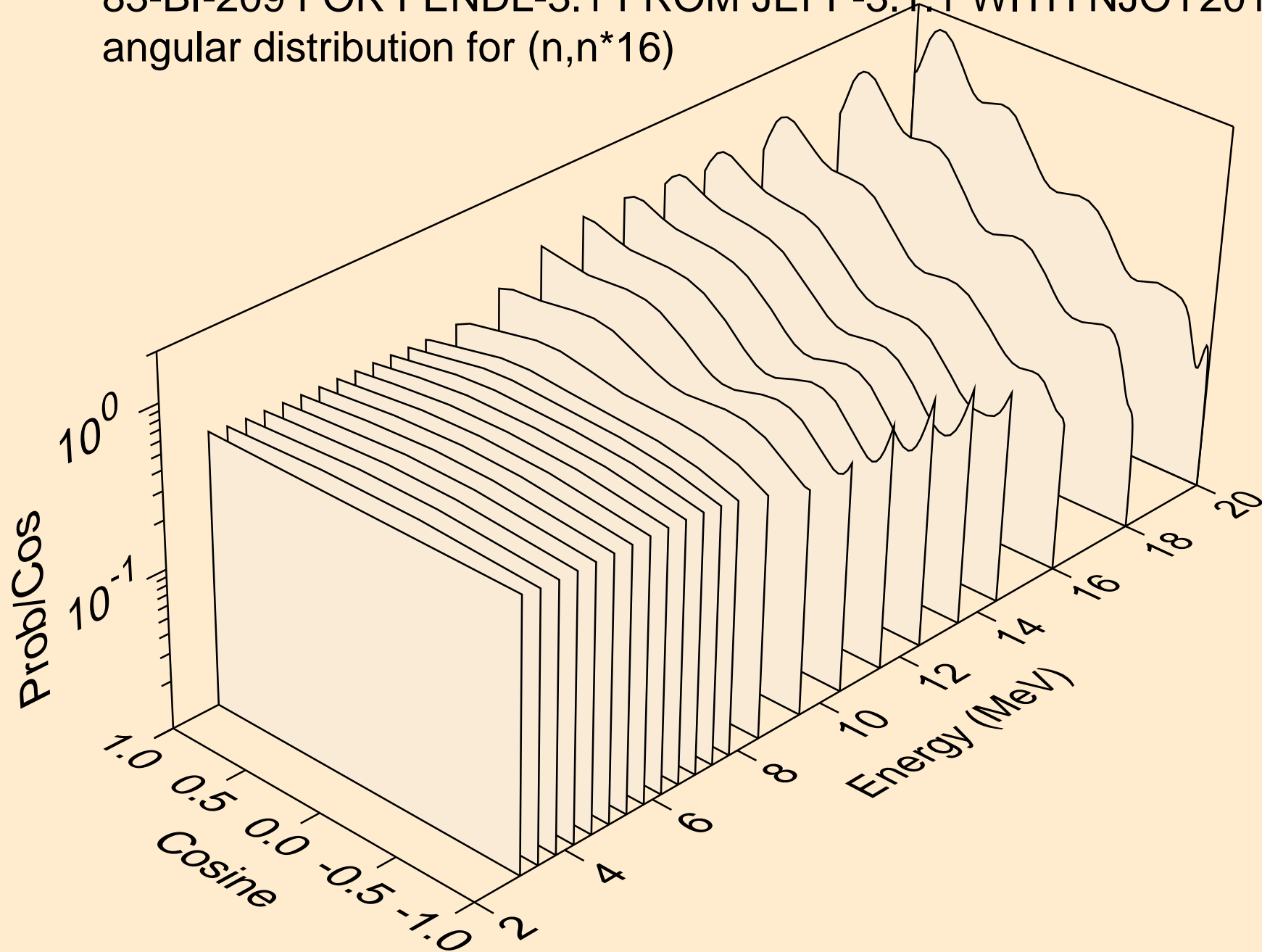
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*14)



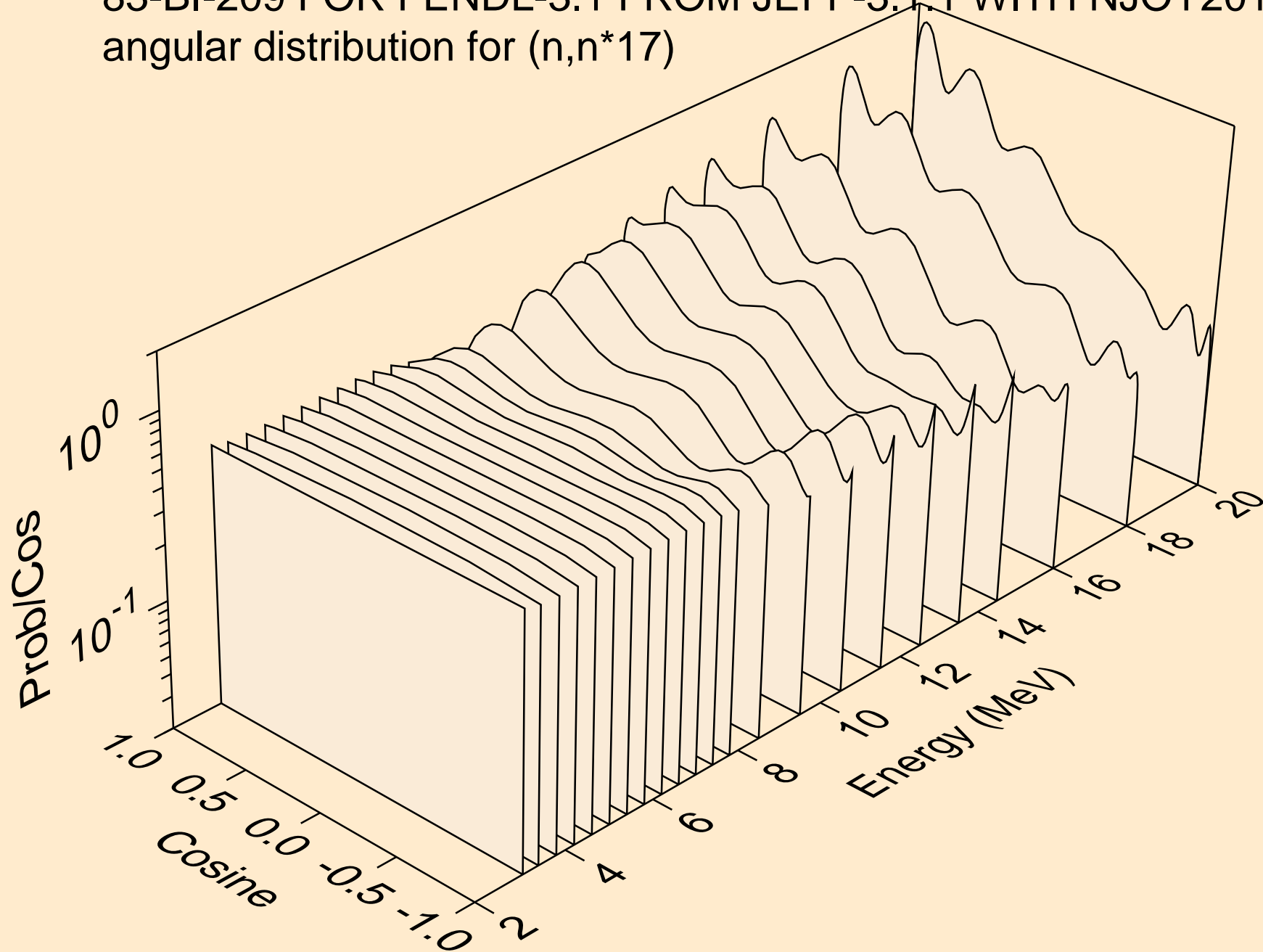
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*15)



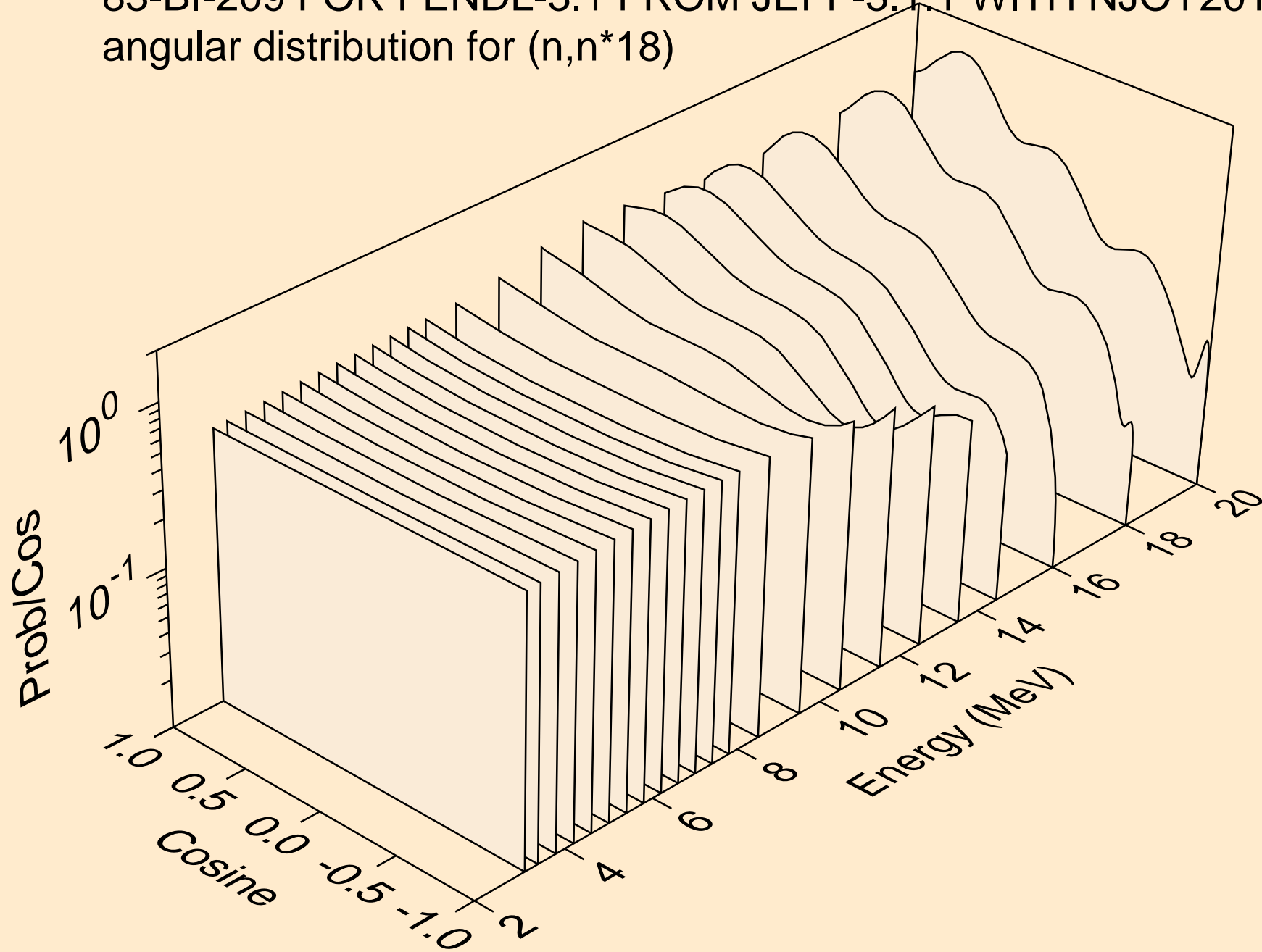
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*16)



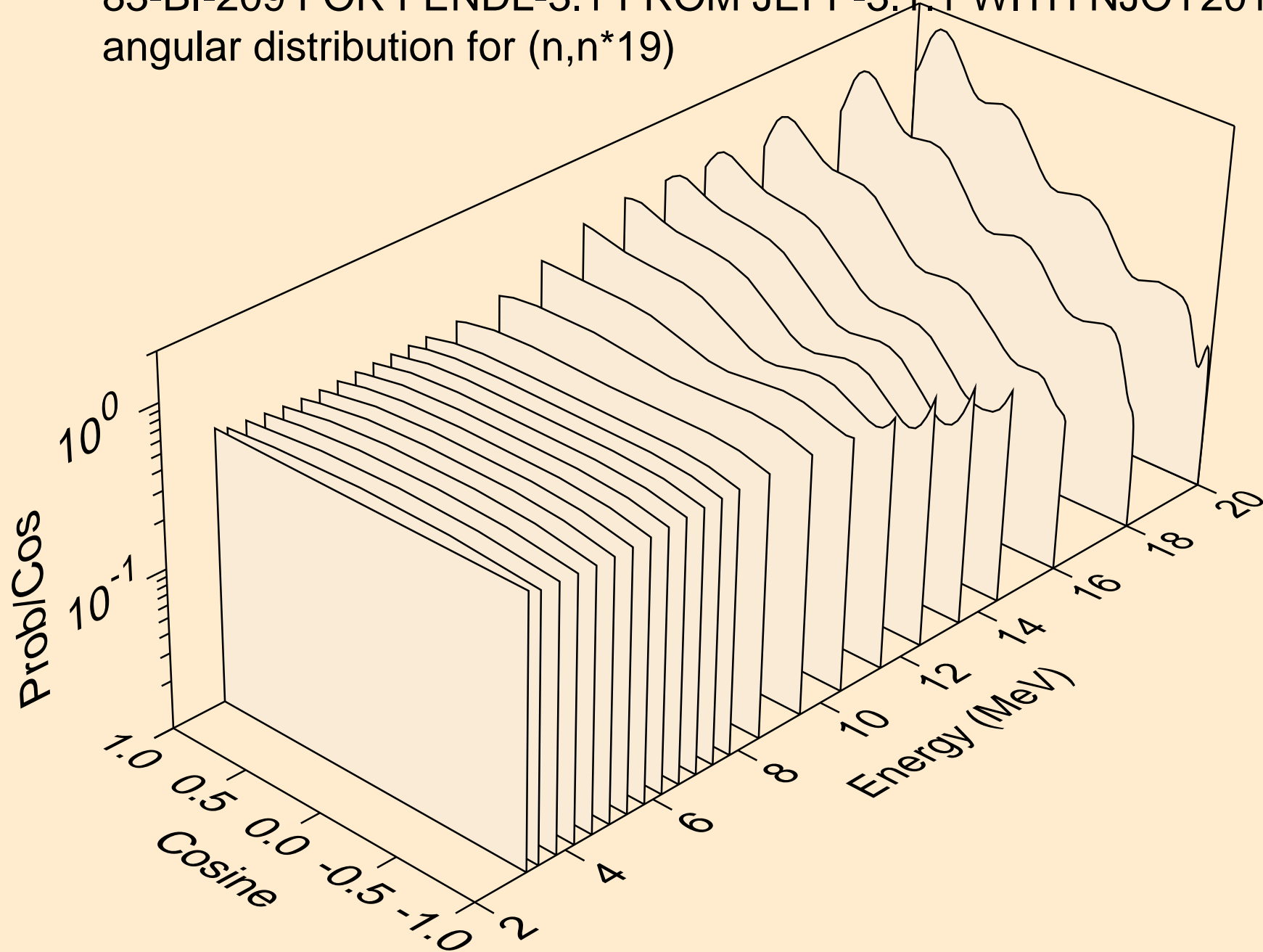
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*17)



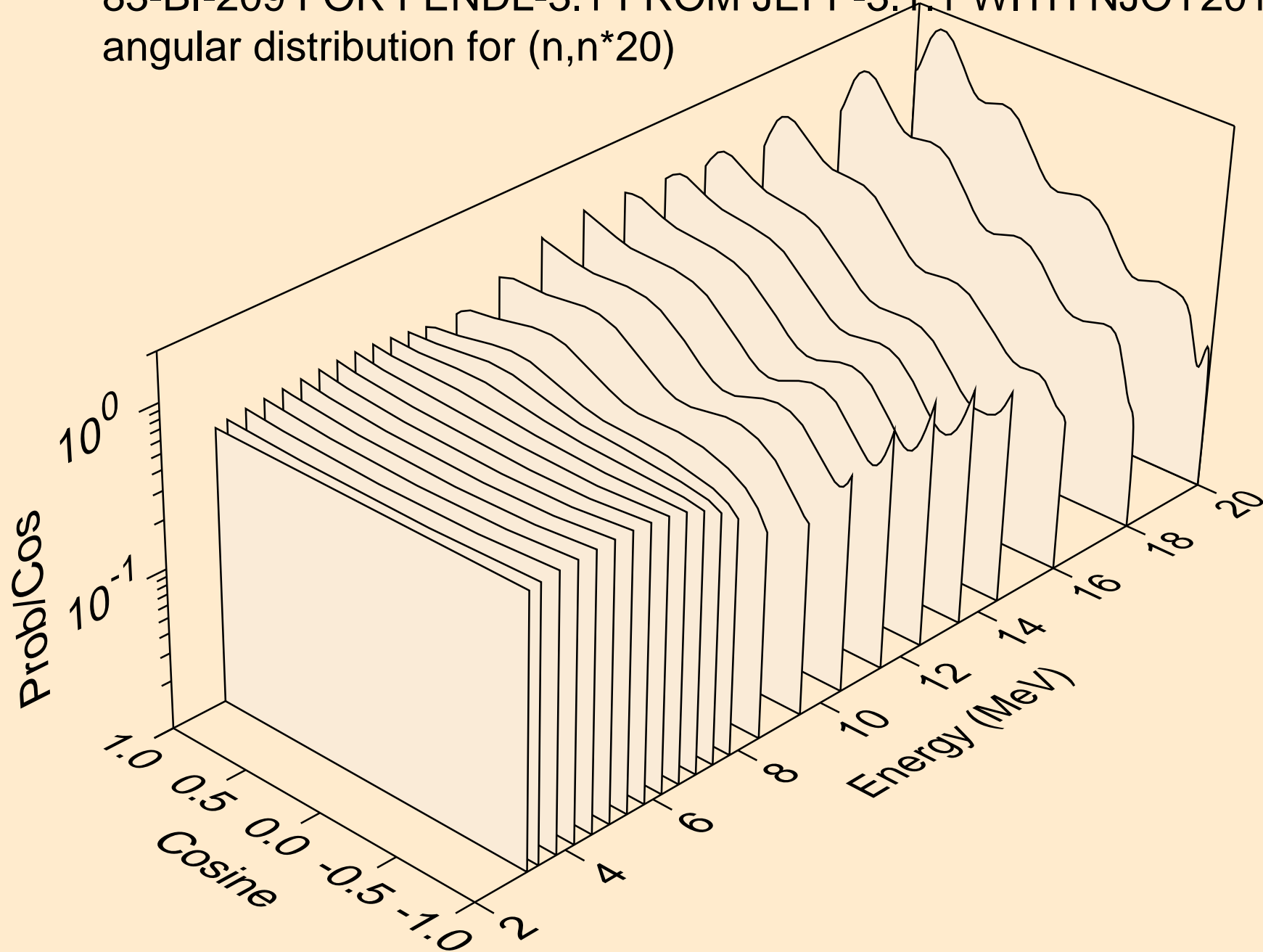
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*18)



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*19)

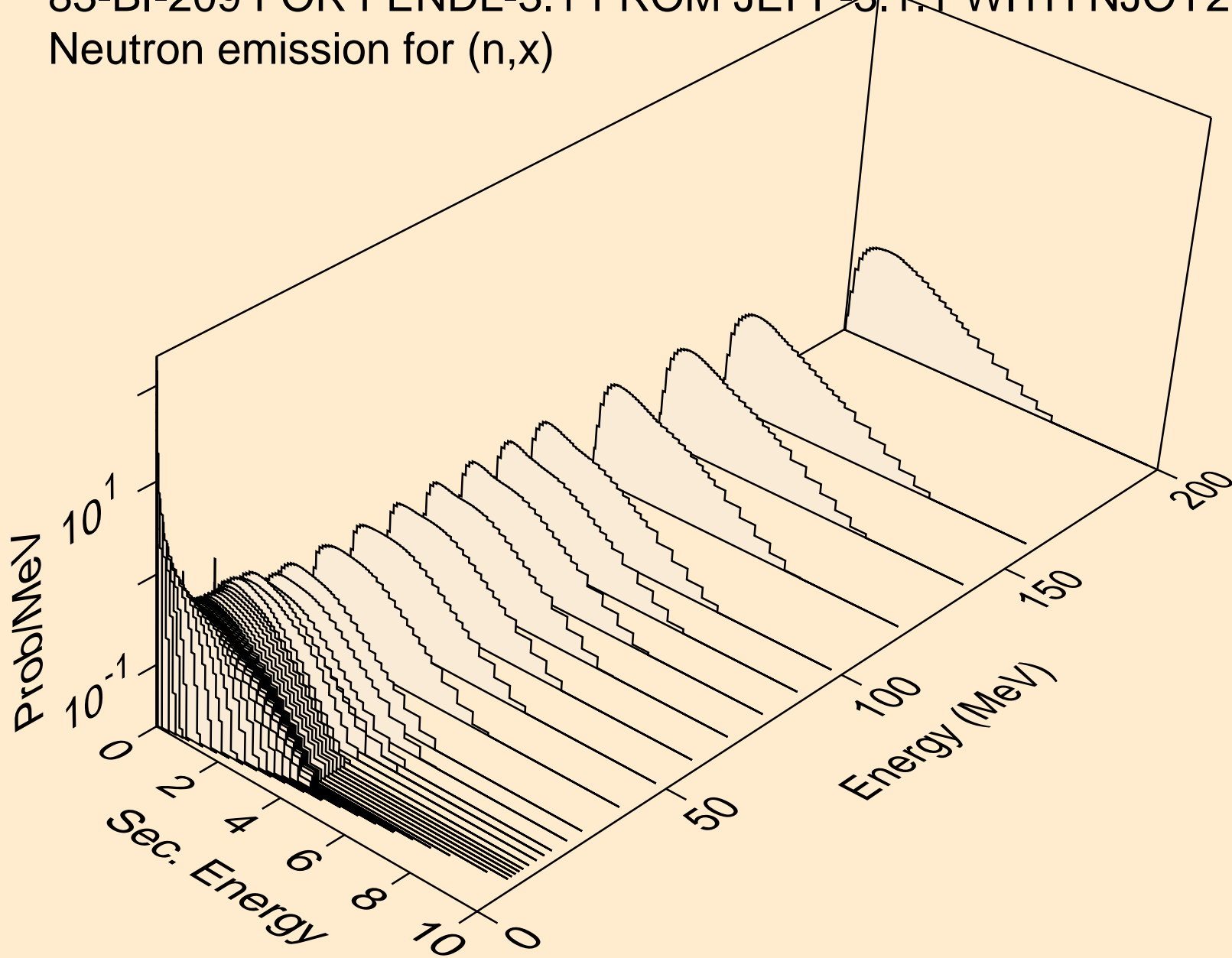


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,n\*20)

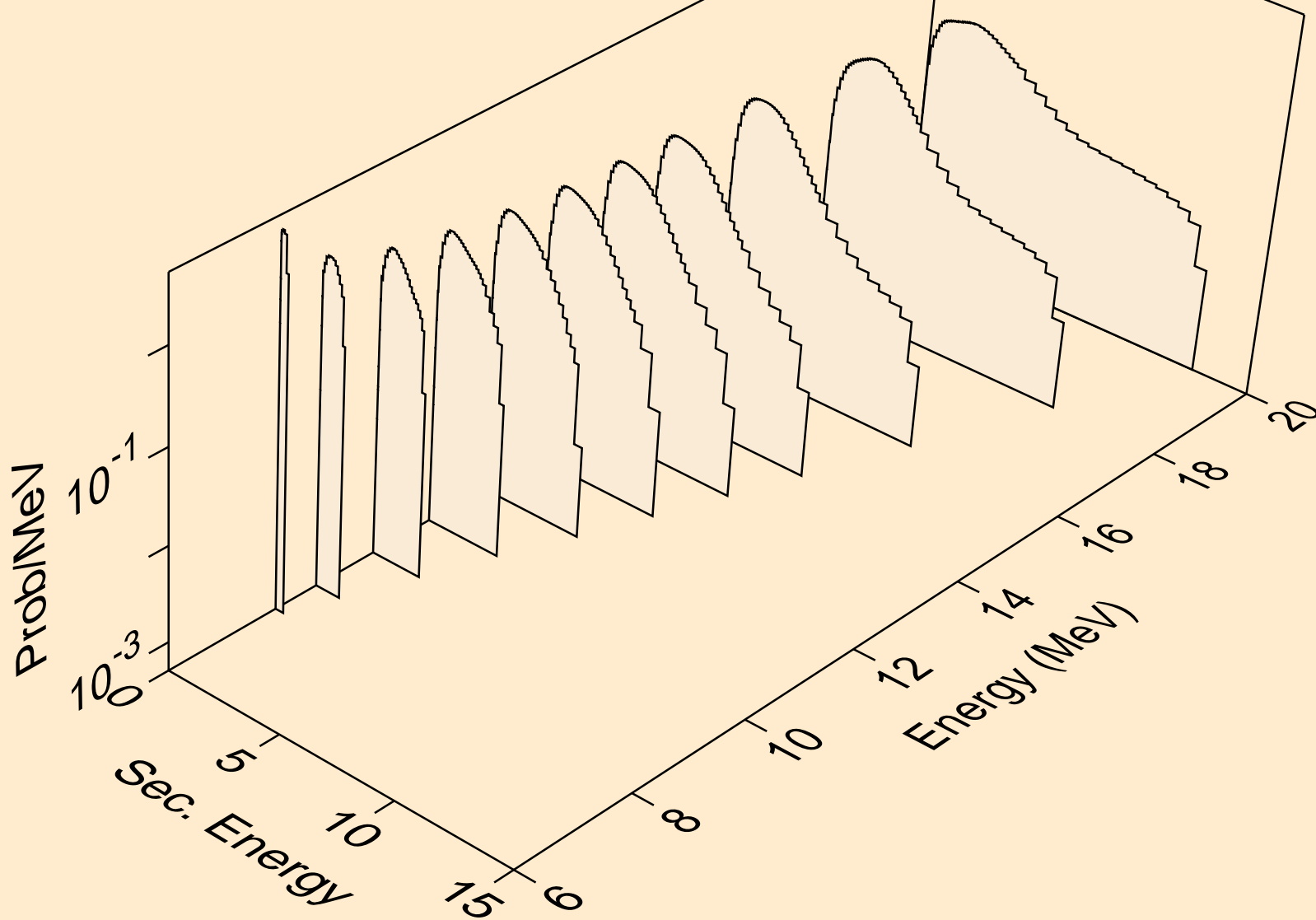




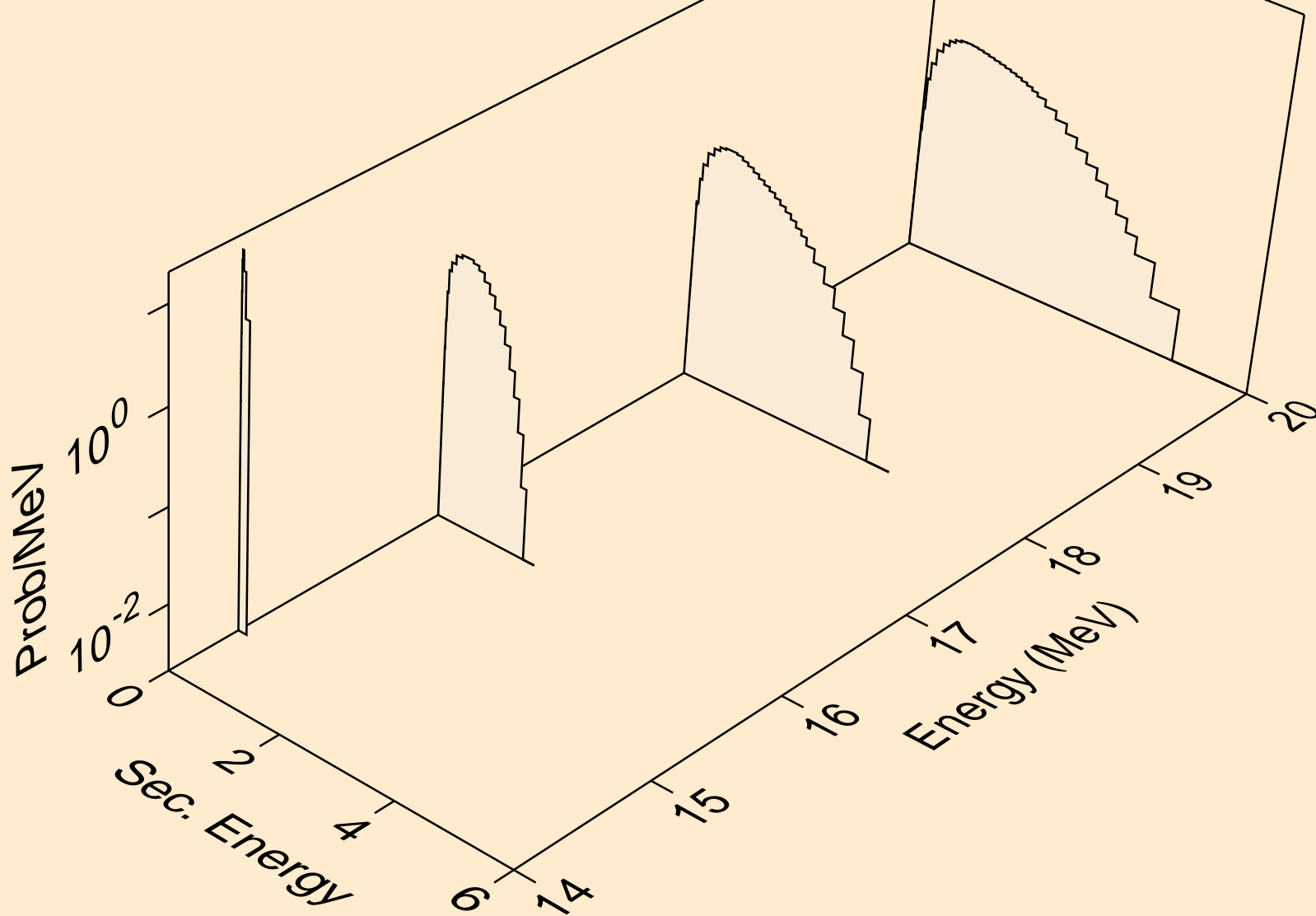
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Neutron emission for (n,x)



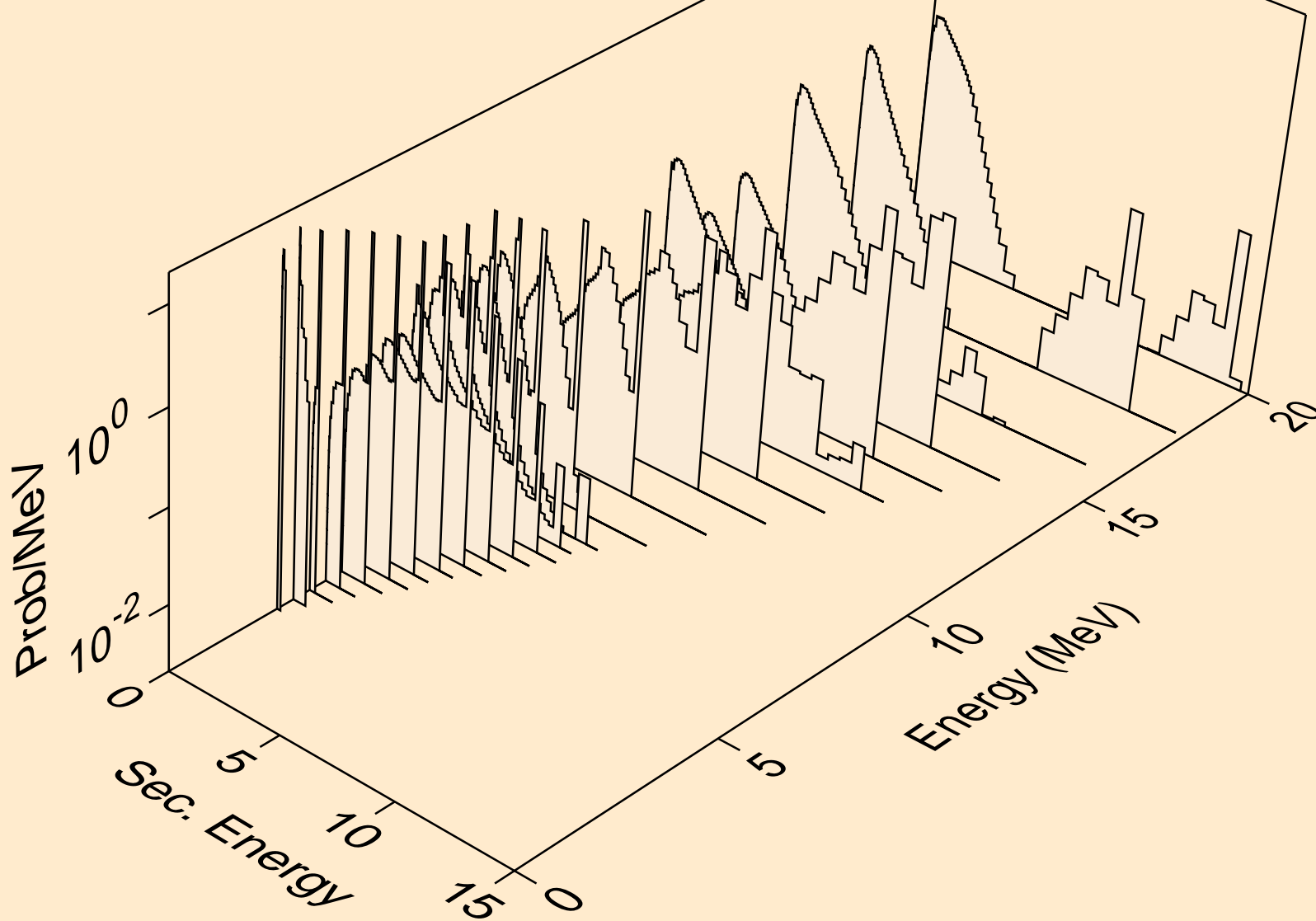
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Neutron emission for (n,2n)



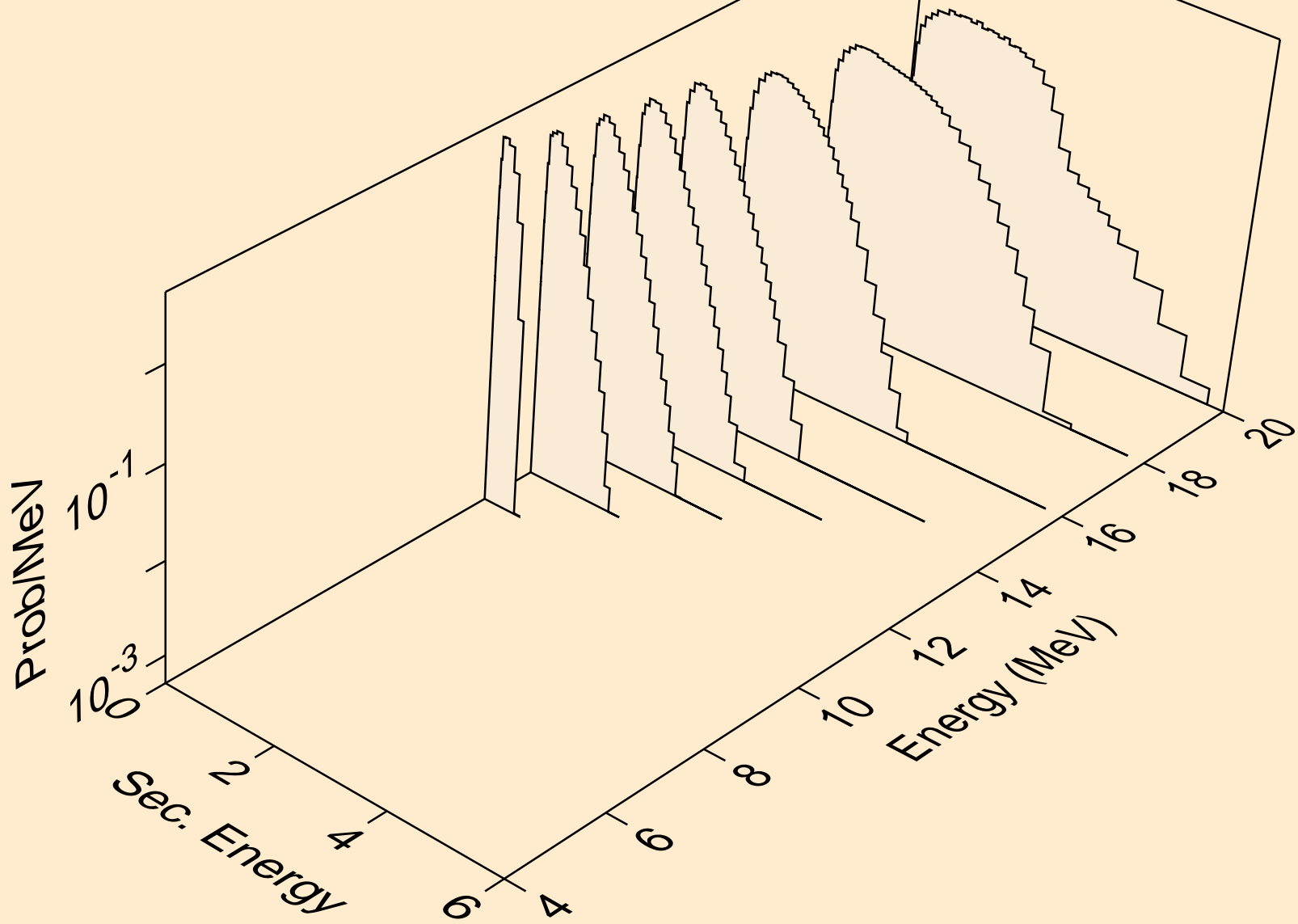
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Neutron emission for (n,3n)



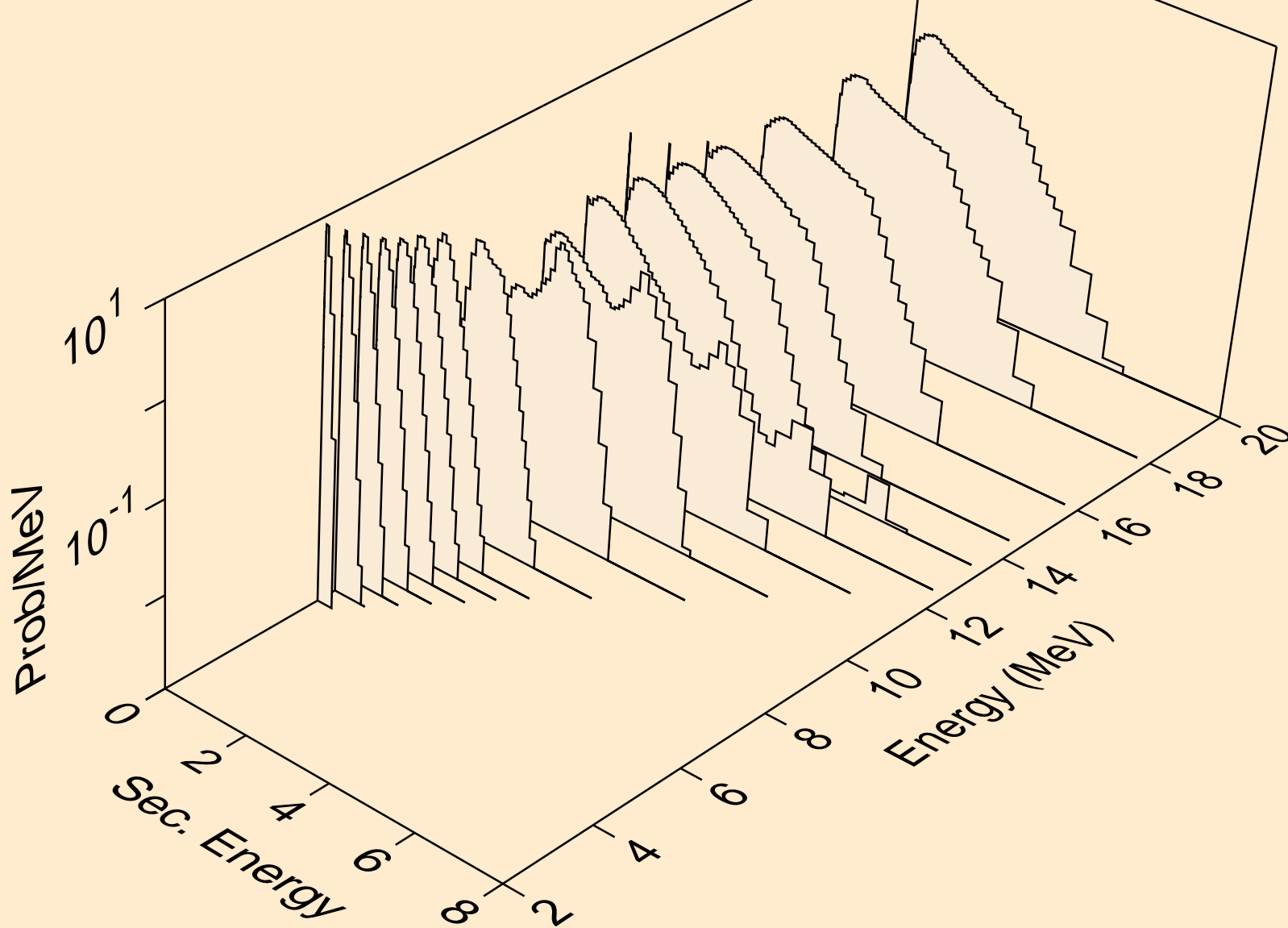
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Neutron emission for (n,n\*)a



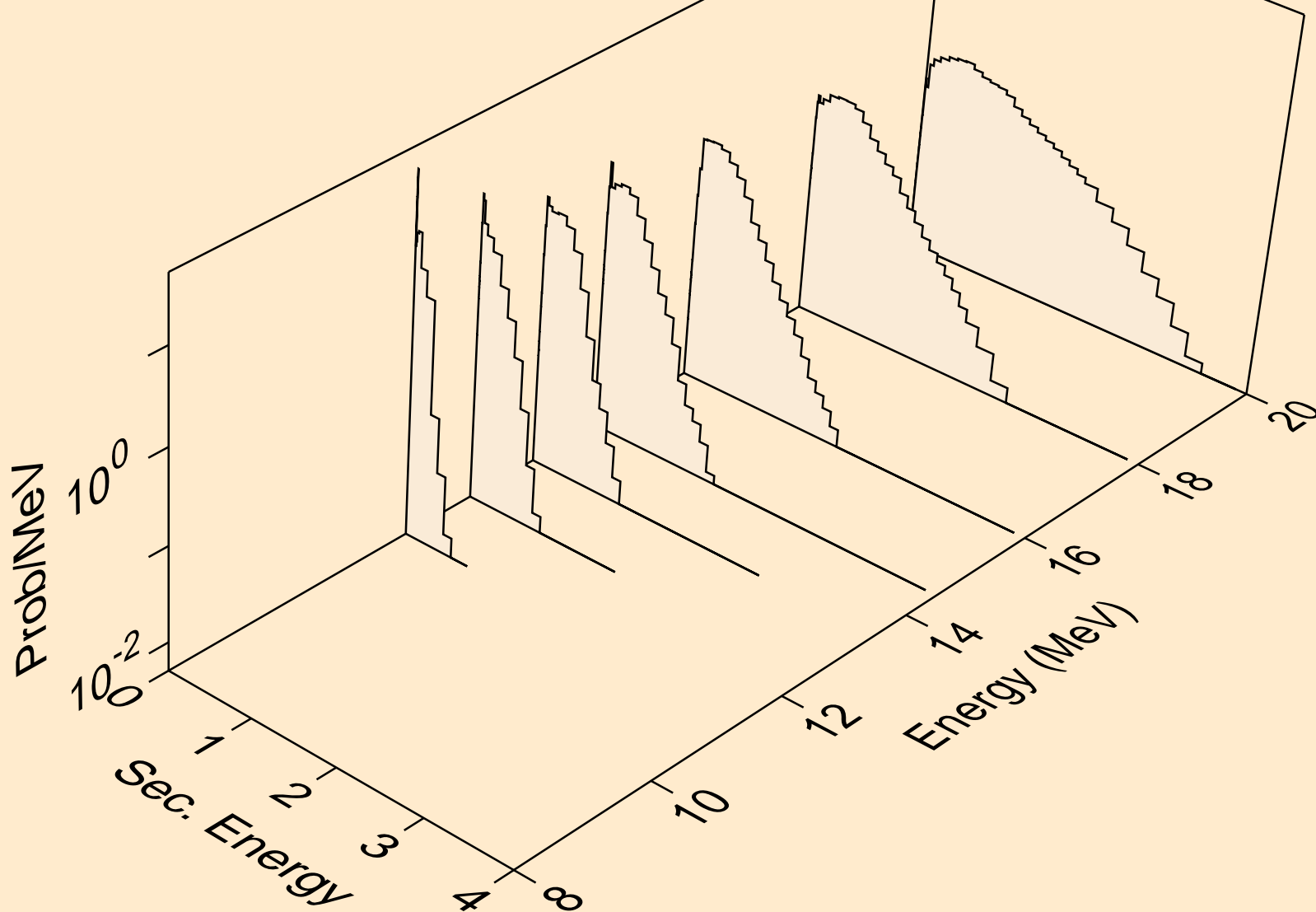
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Neutron emission for (n,2n)a



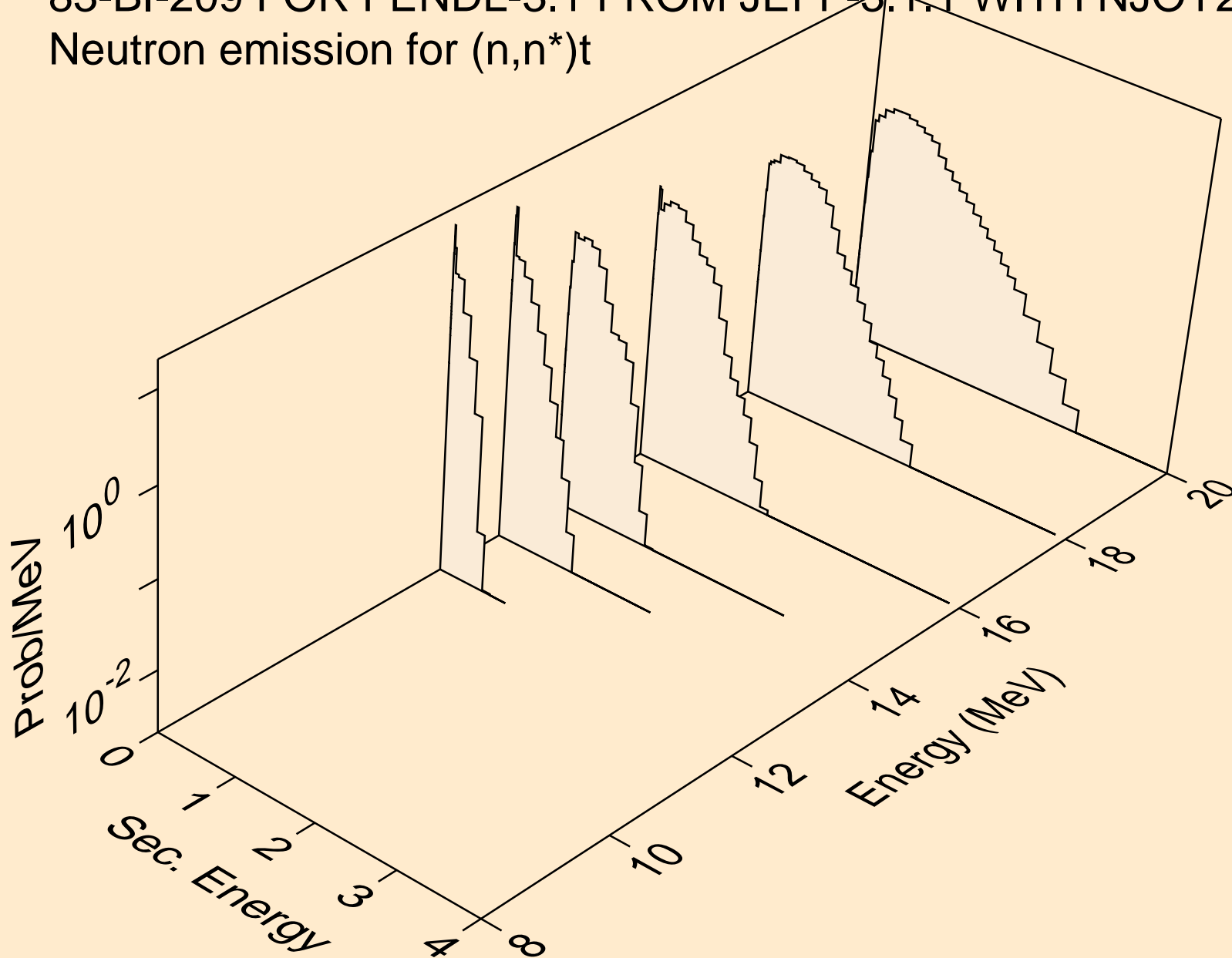
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Neutron emission for (n,n\*)p



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Neutron emission for (n,n\*)d

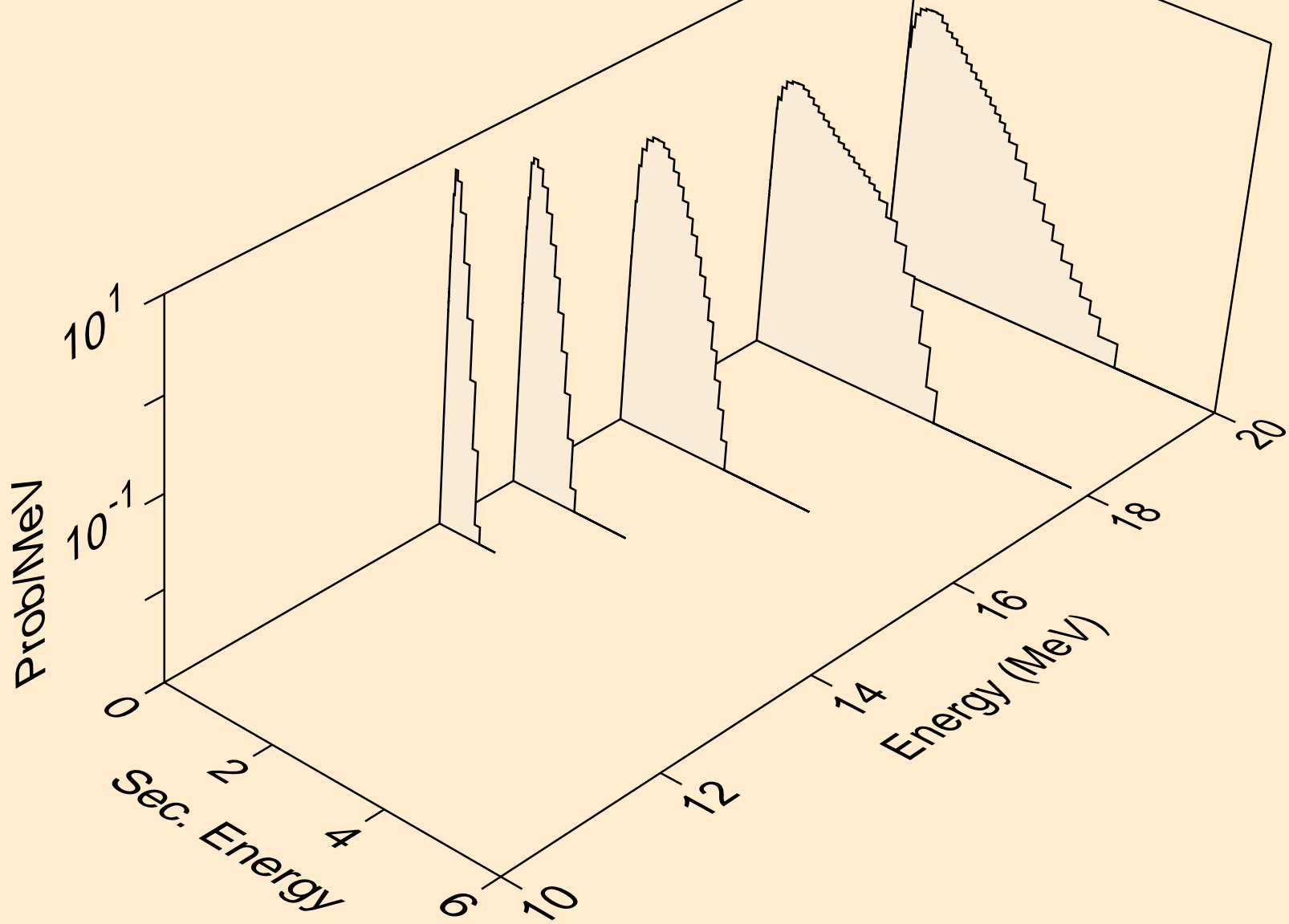


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Neutron emission for (n,n\*)t

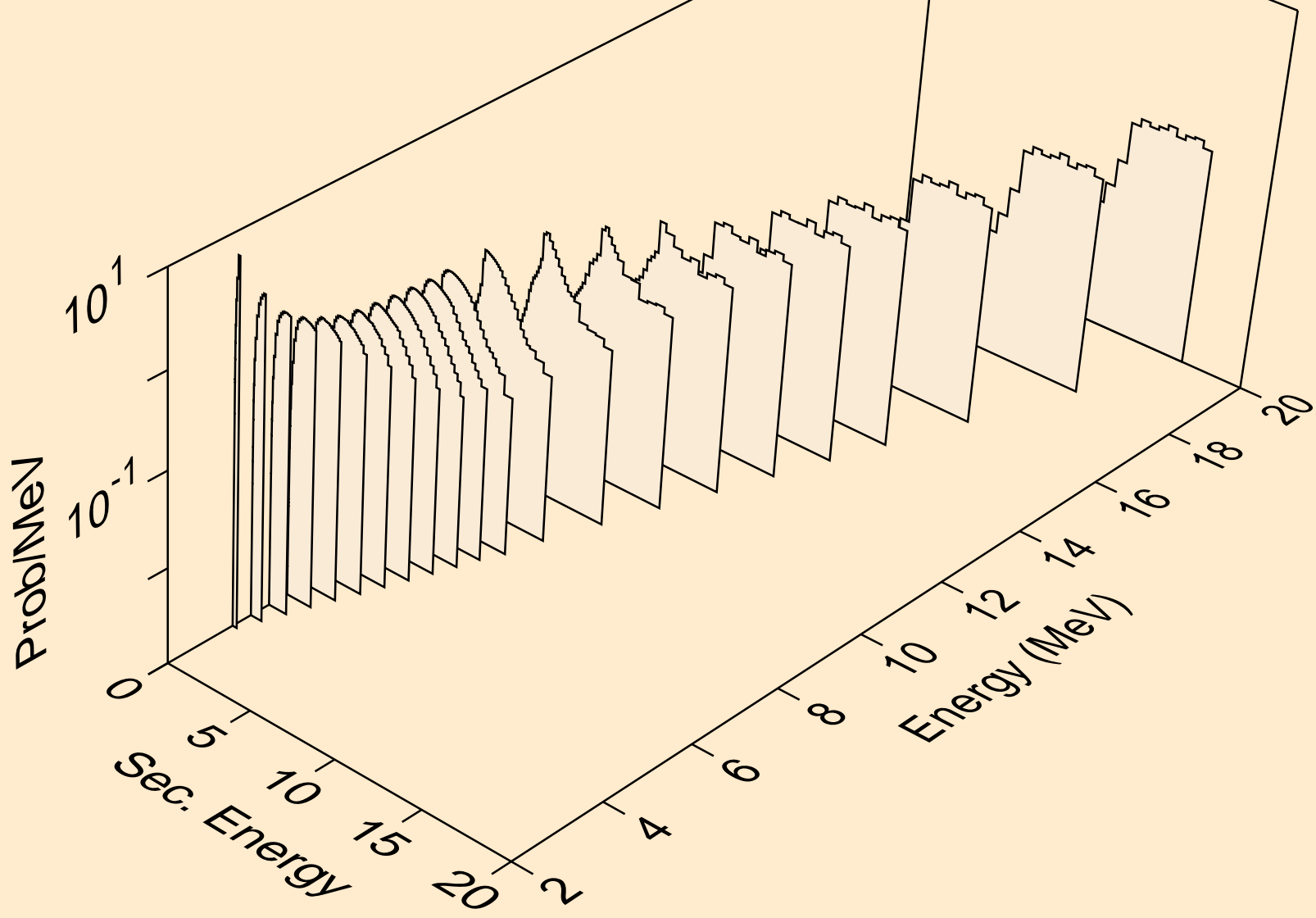




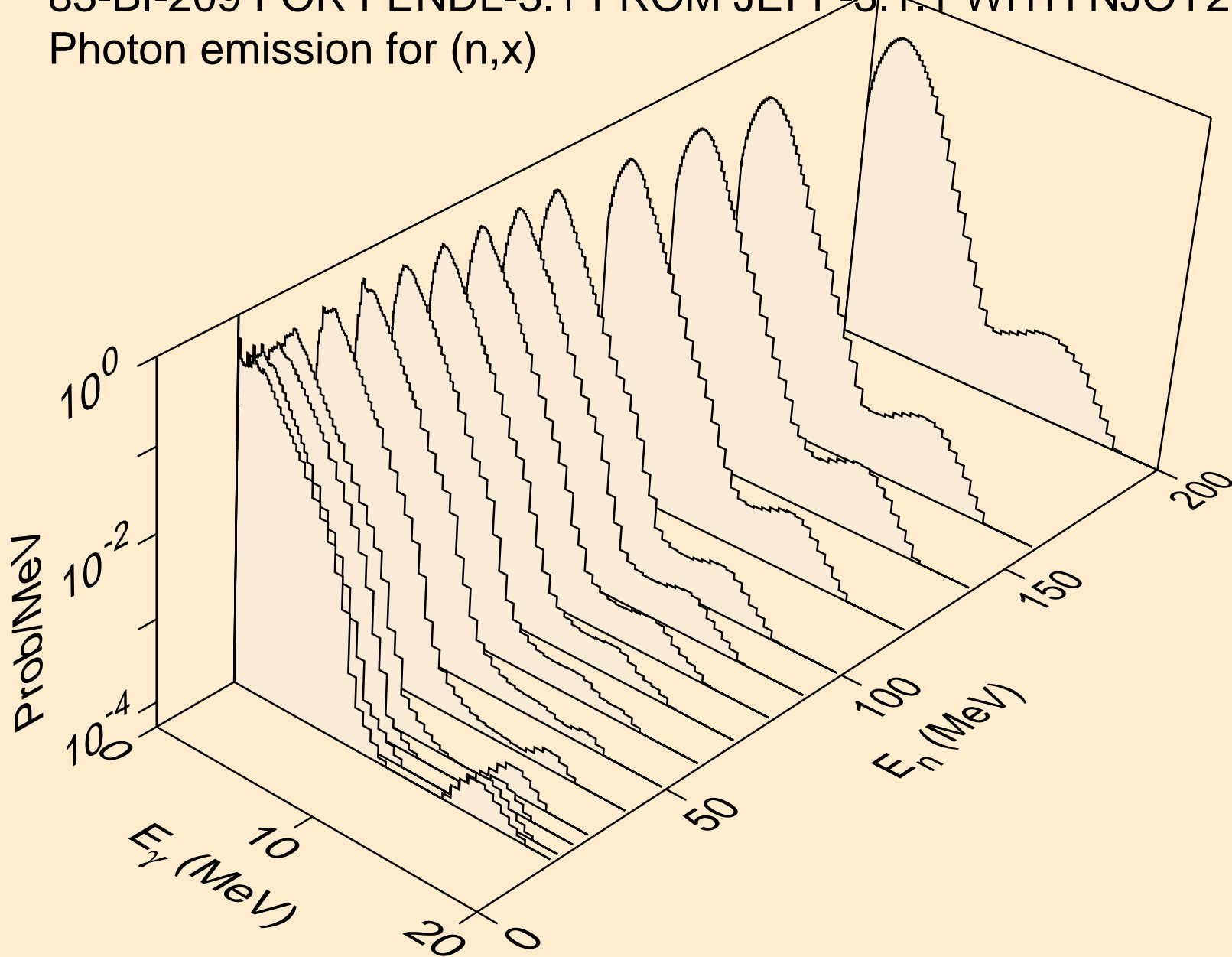
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Neutron emission for (n,2np)



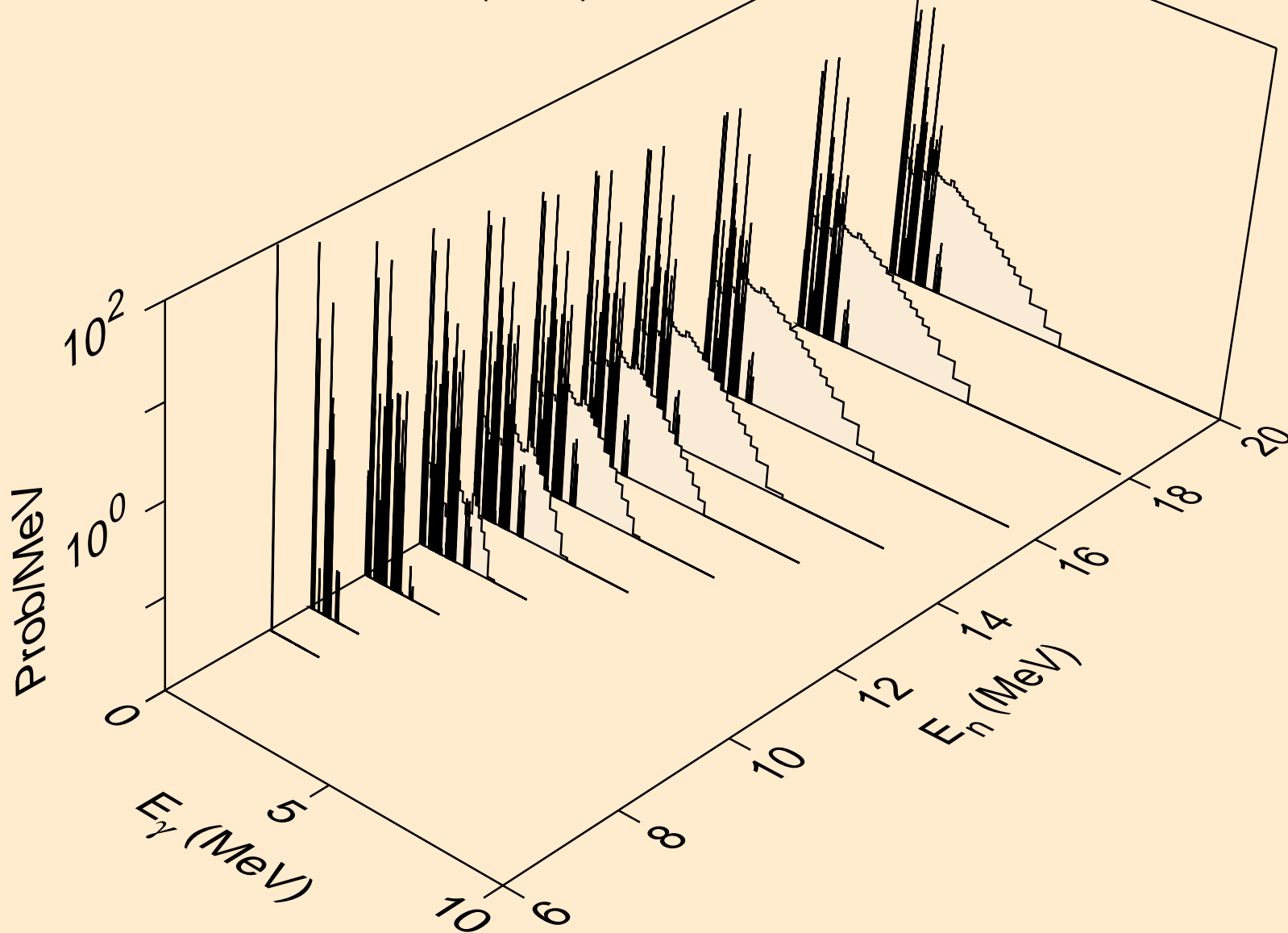
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Neutron emission for (n,n\*c)



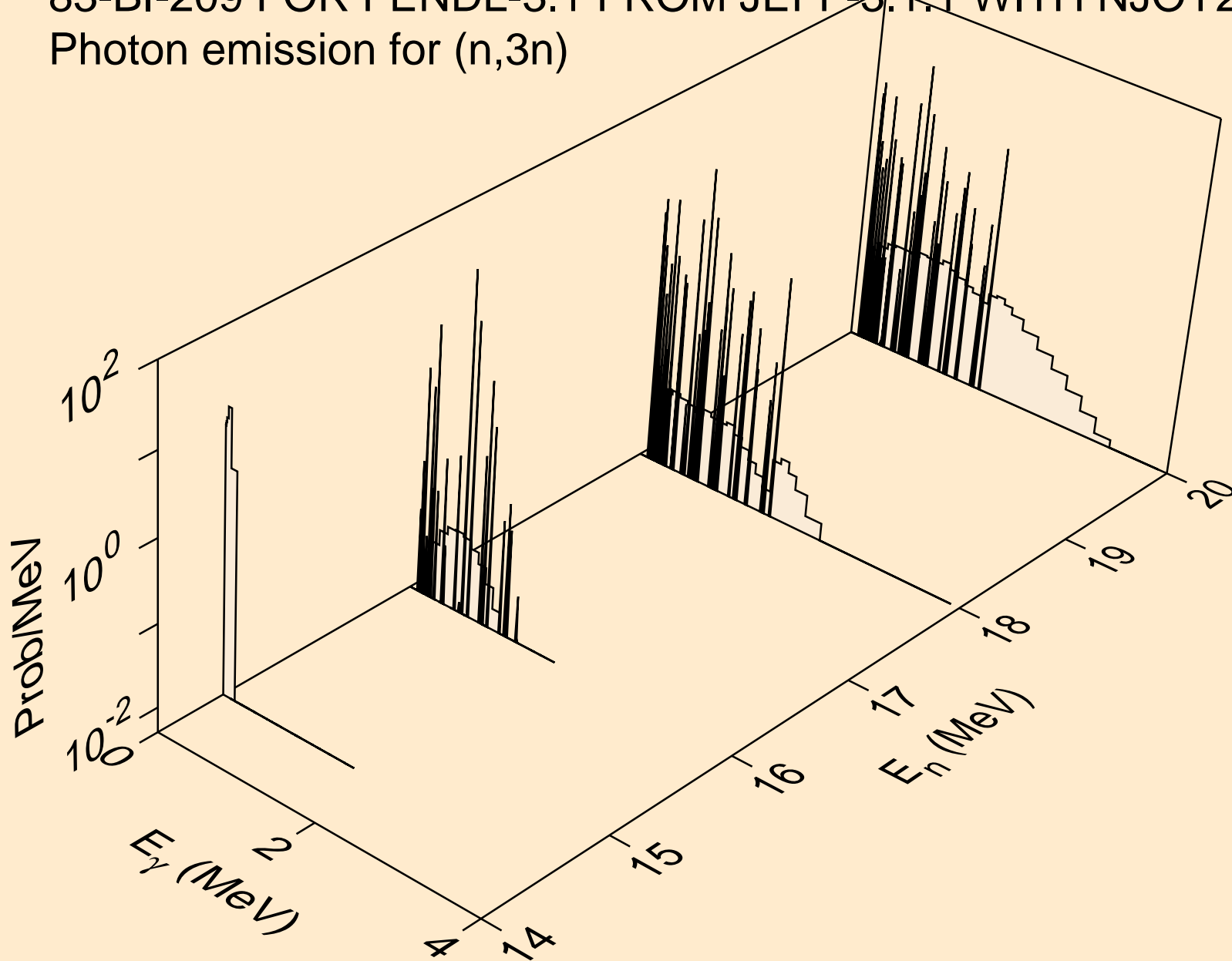
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,x)



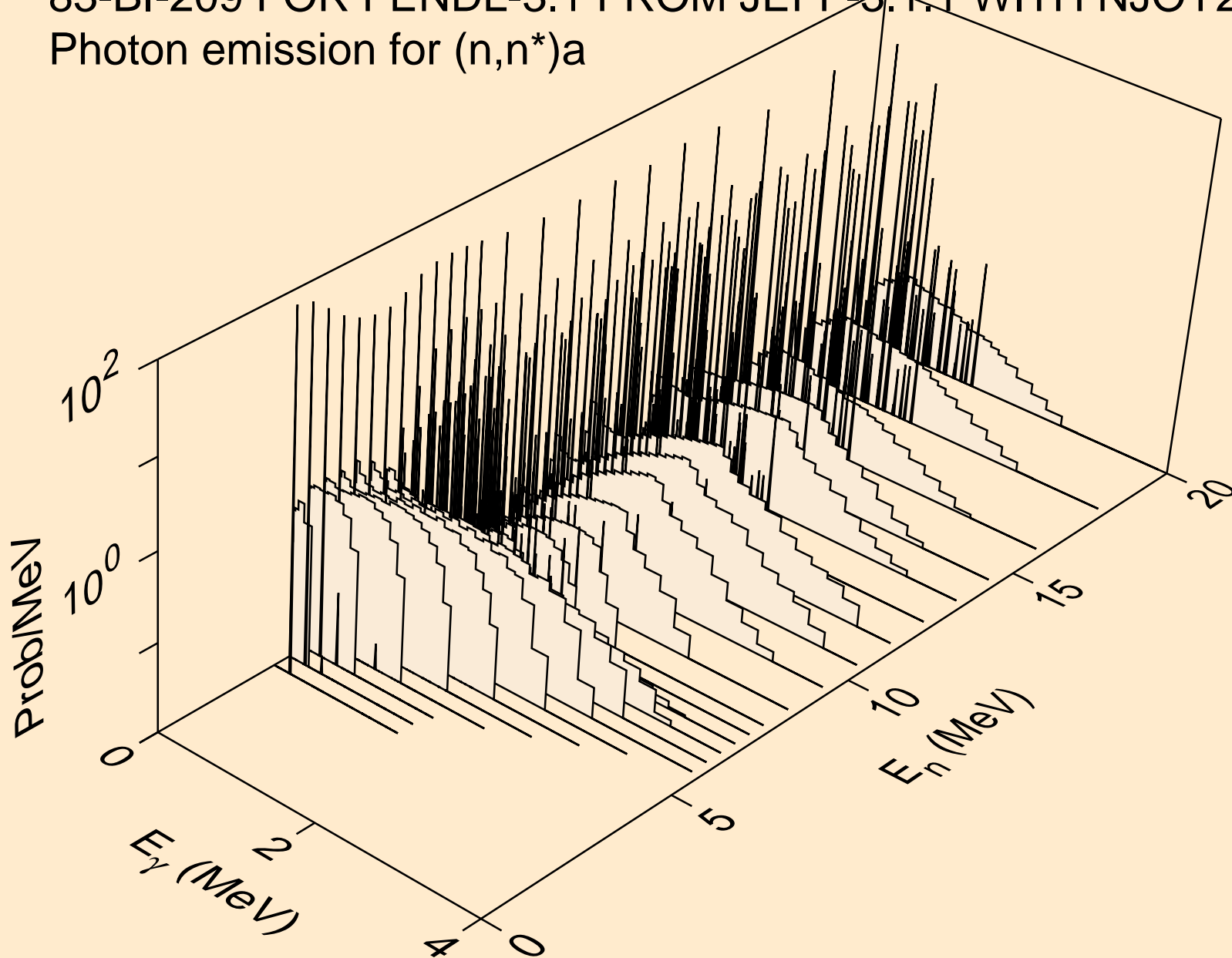
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,2n)



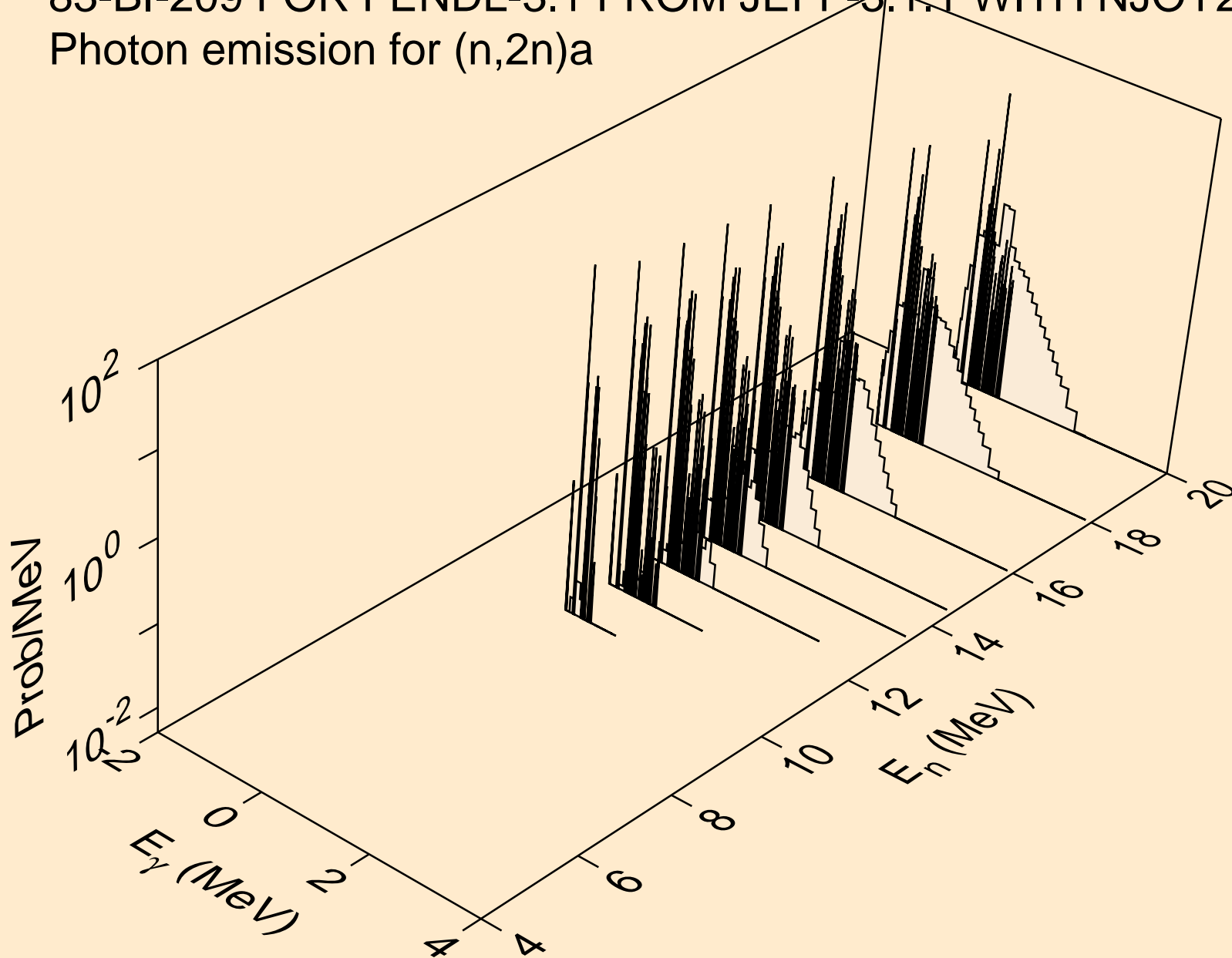
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,3n)



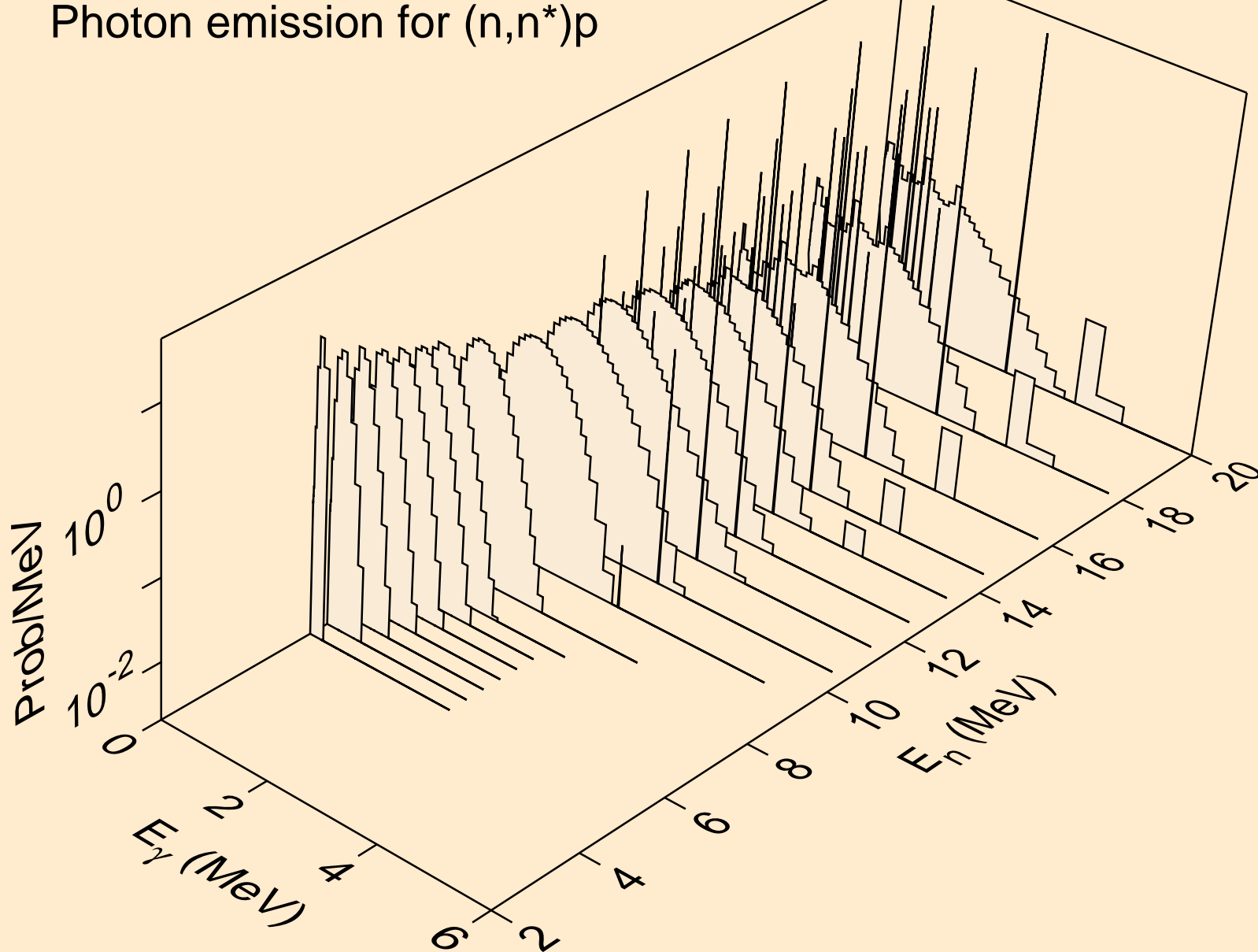
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*)a



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,2n)a

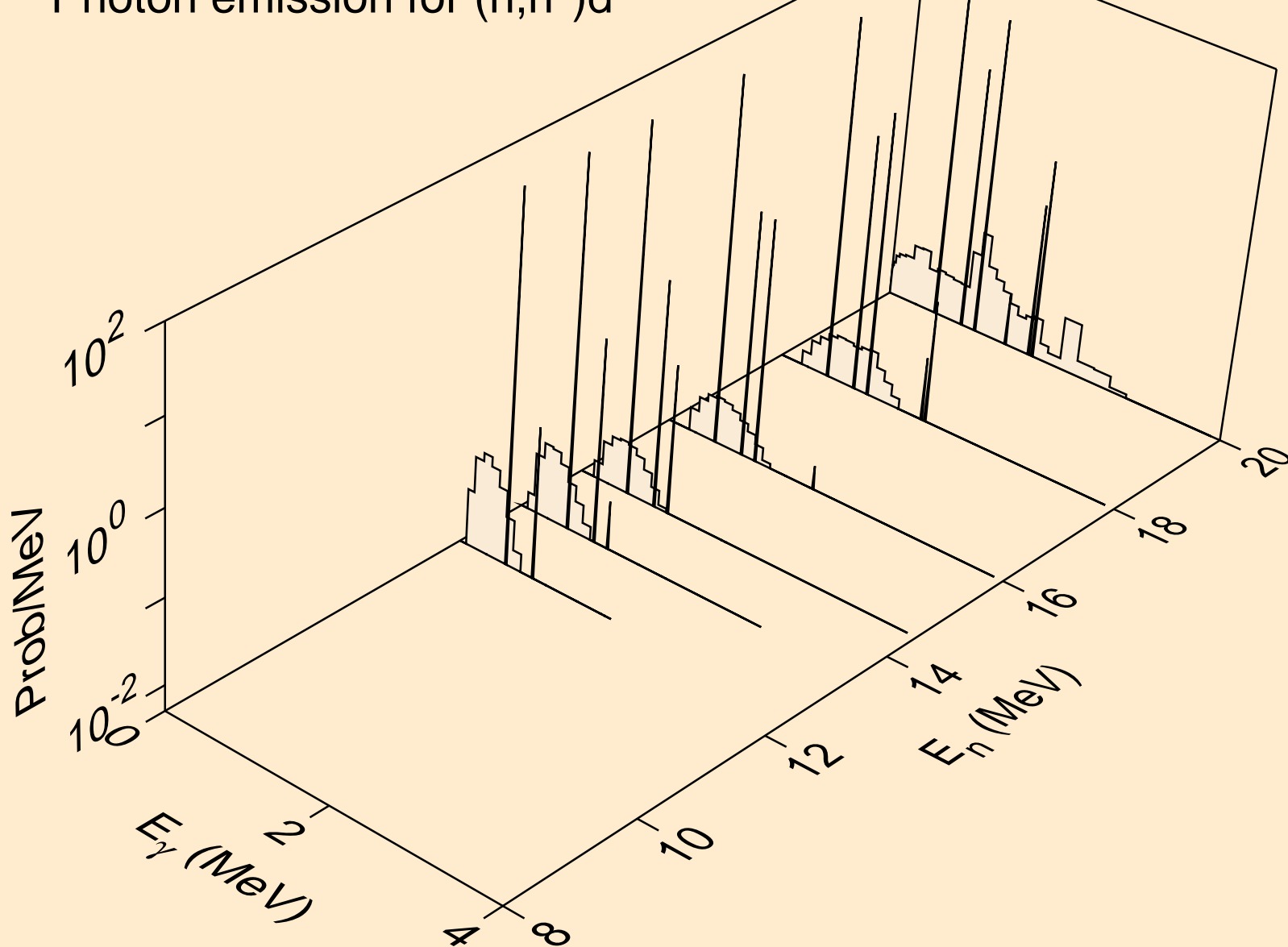


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*)p

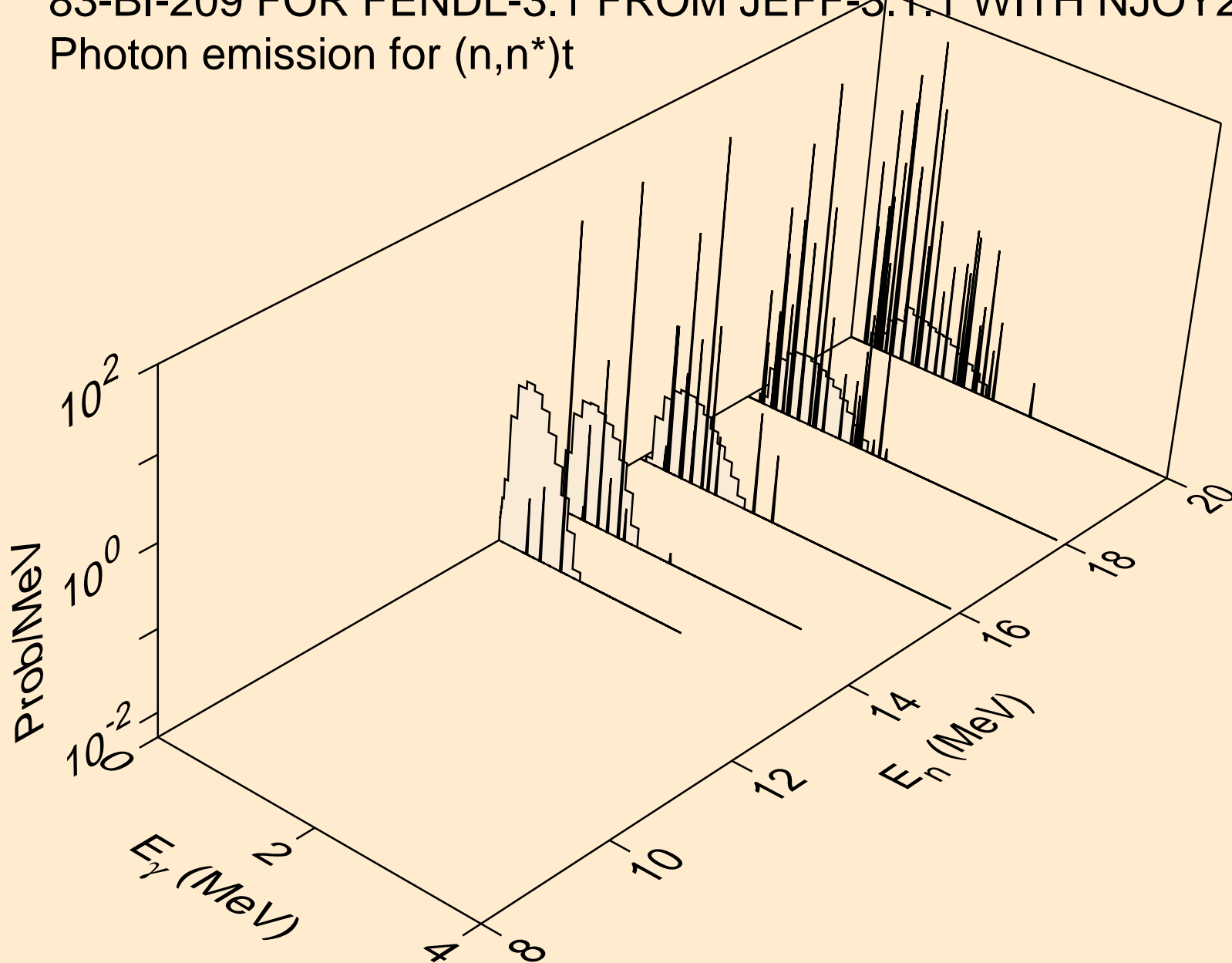




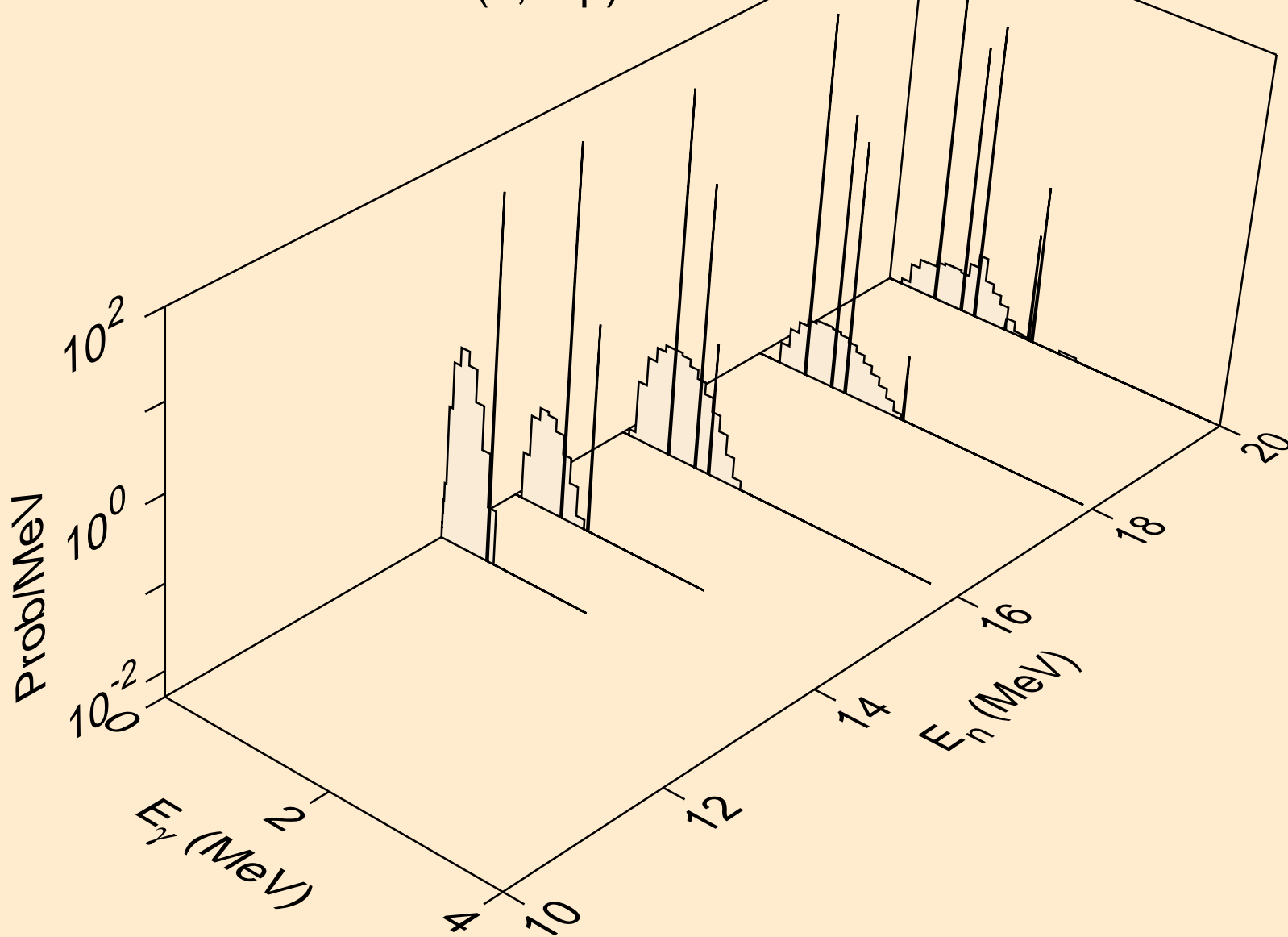
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*)d



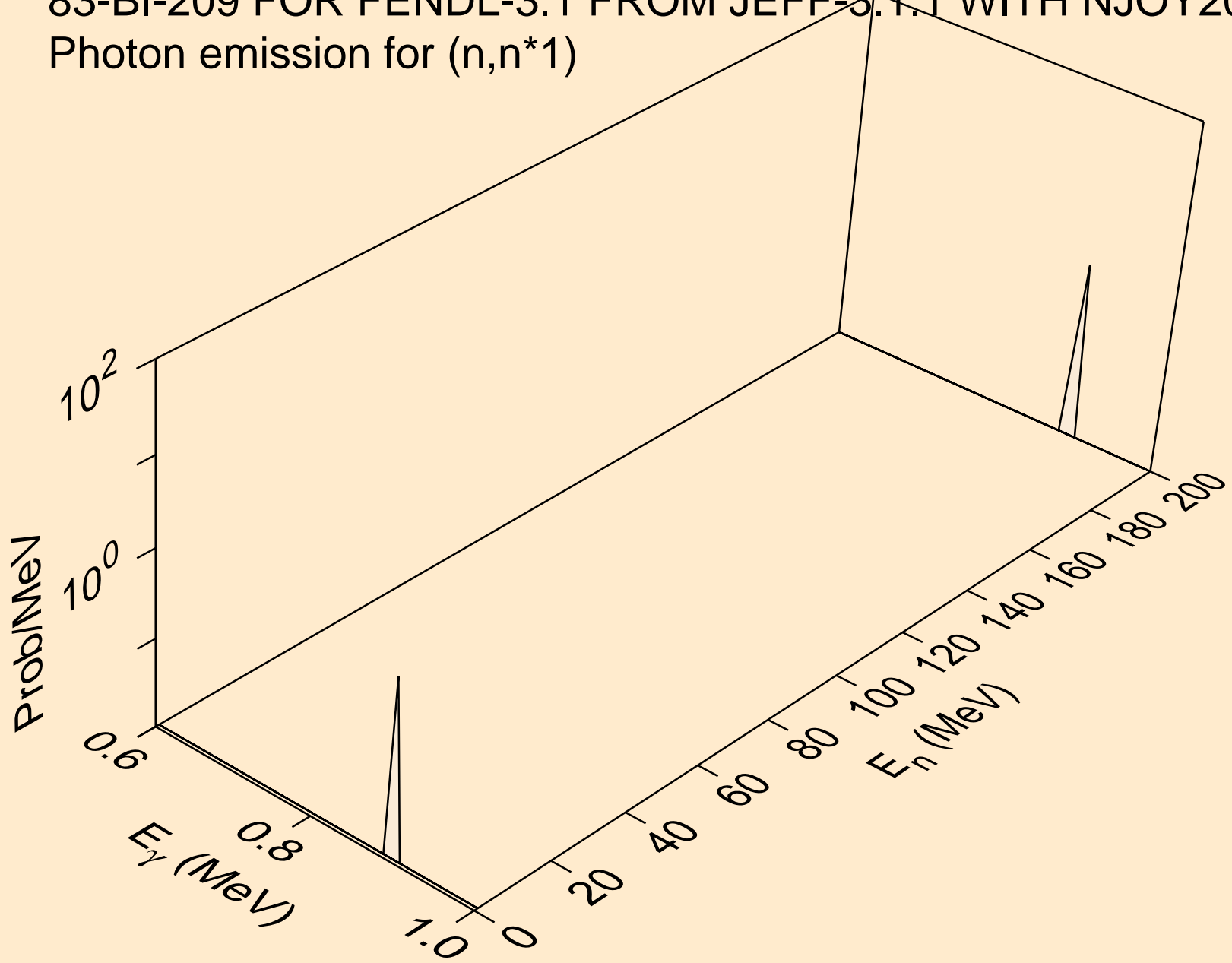
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*)t



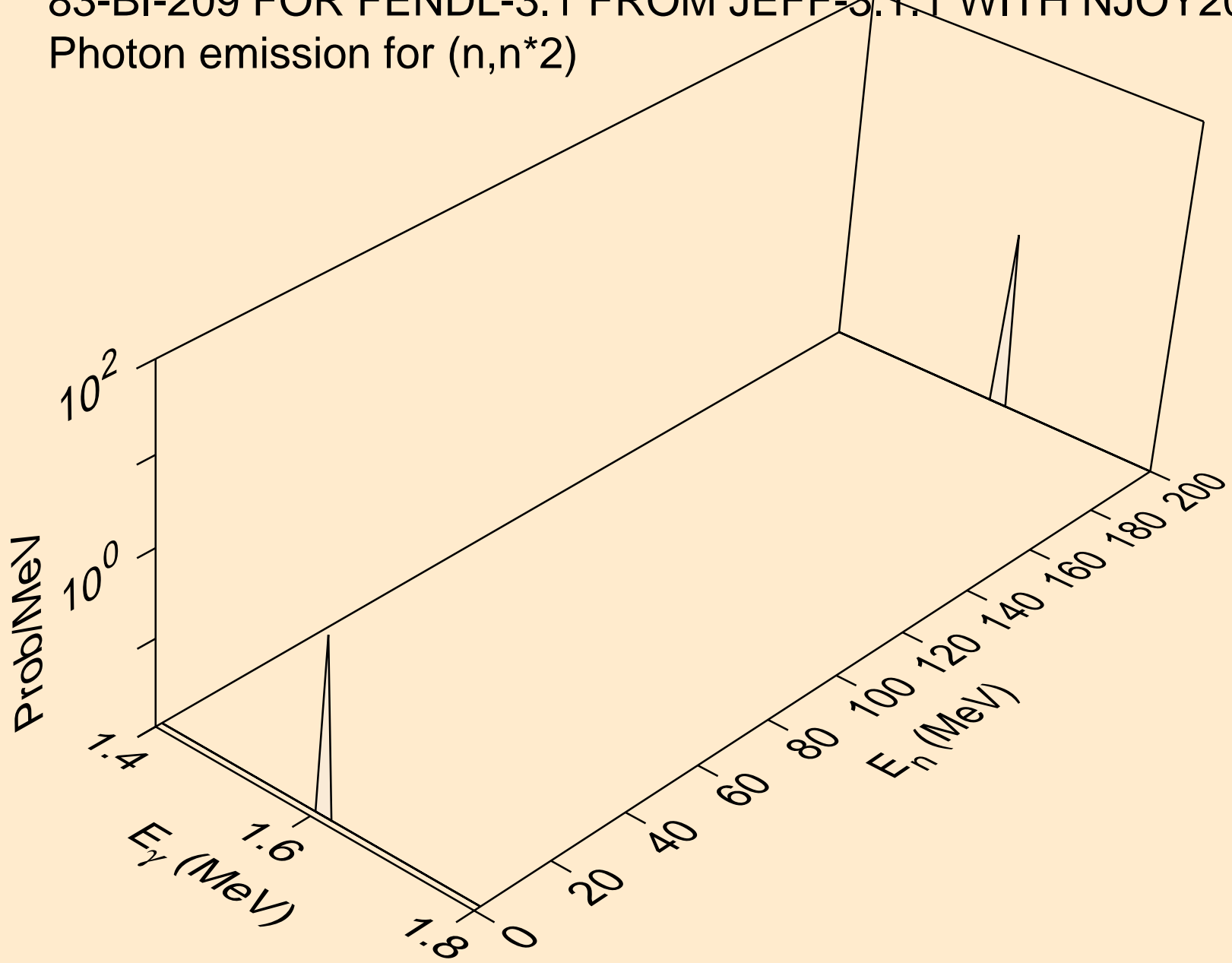
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,2np)



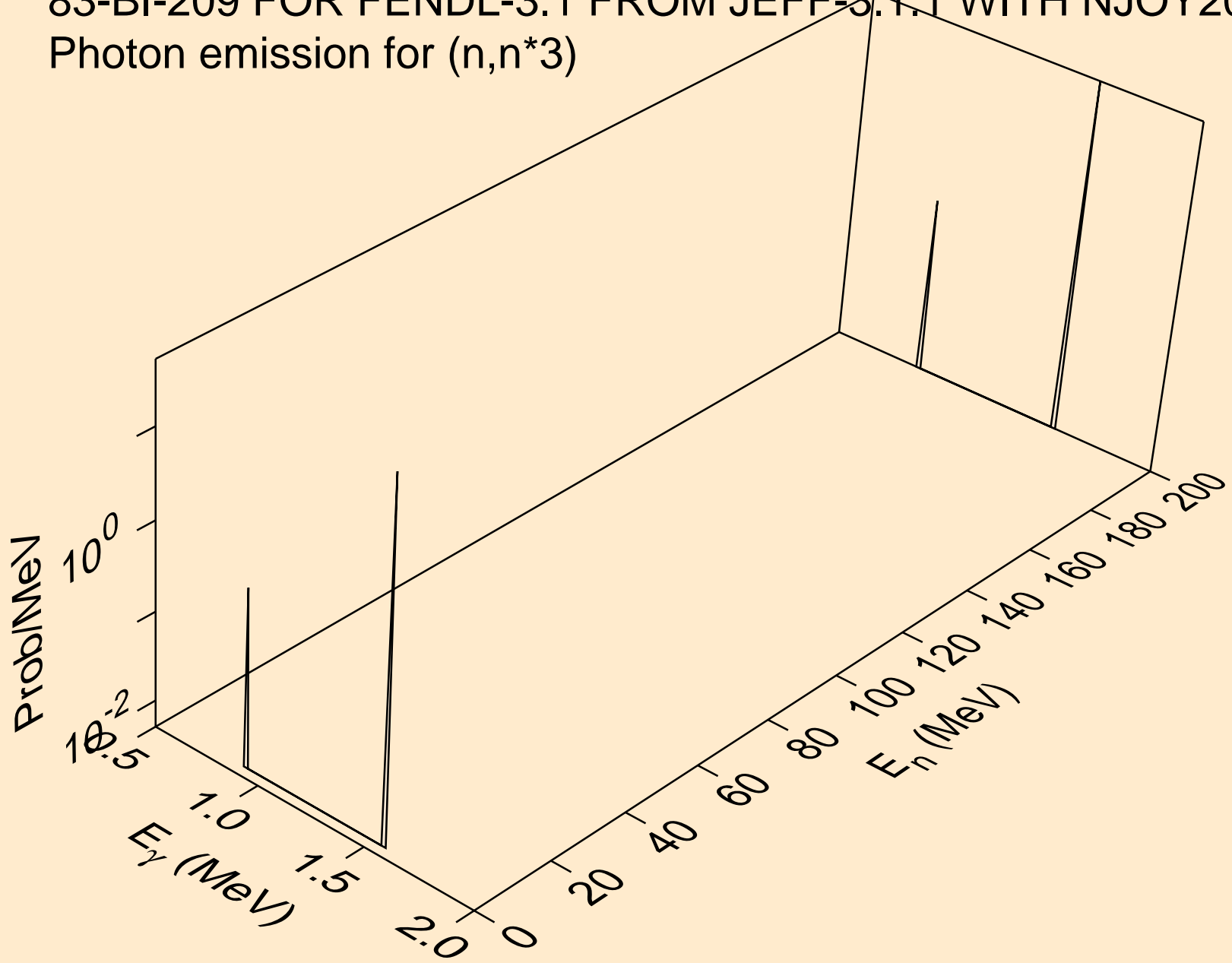
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*1)



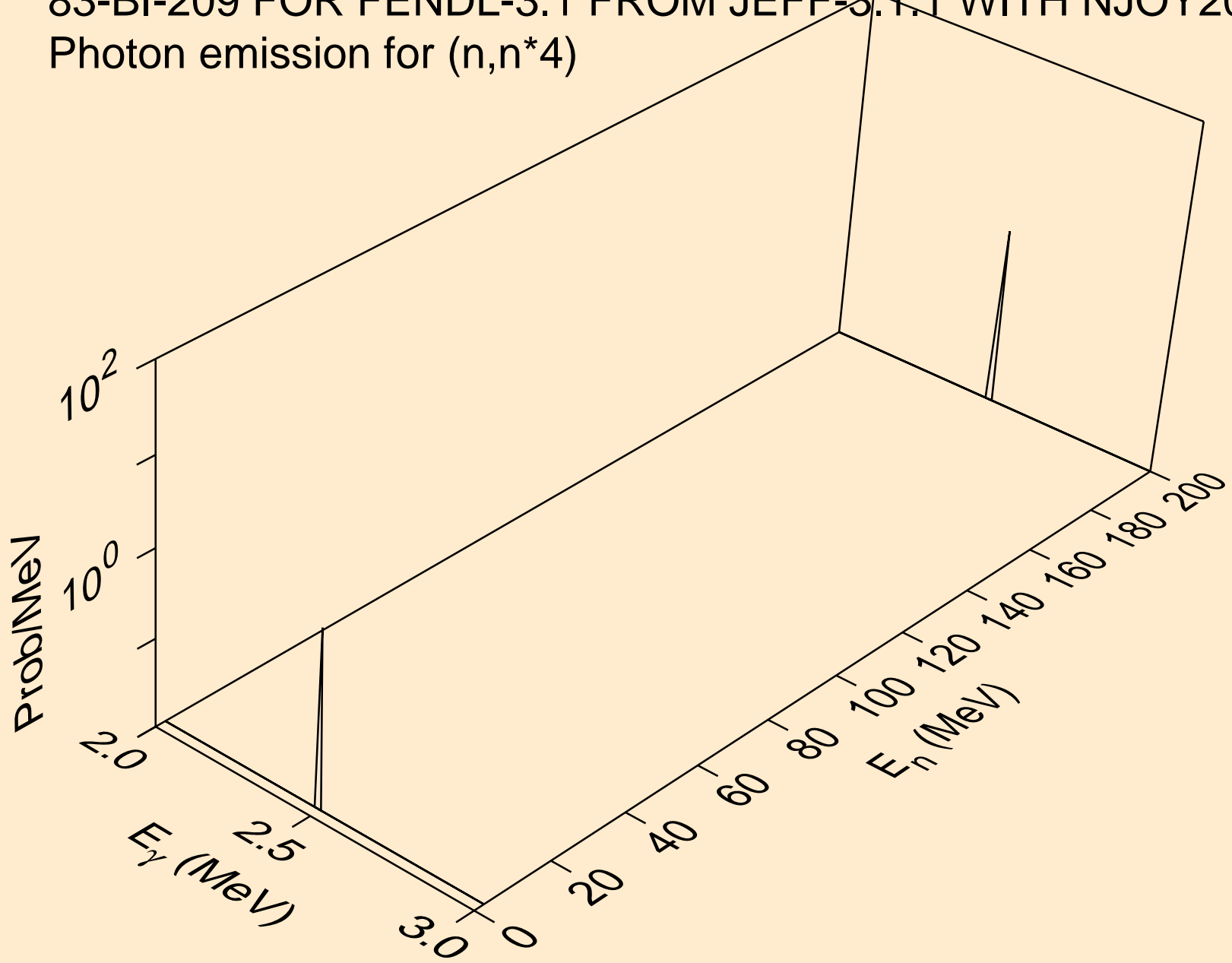
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*2)



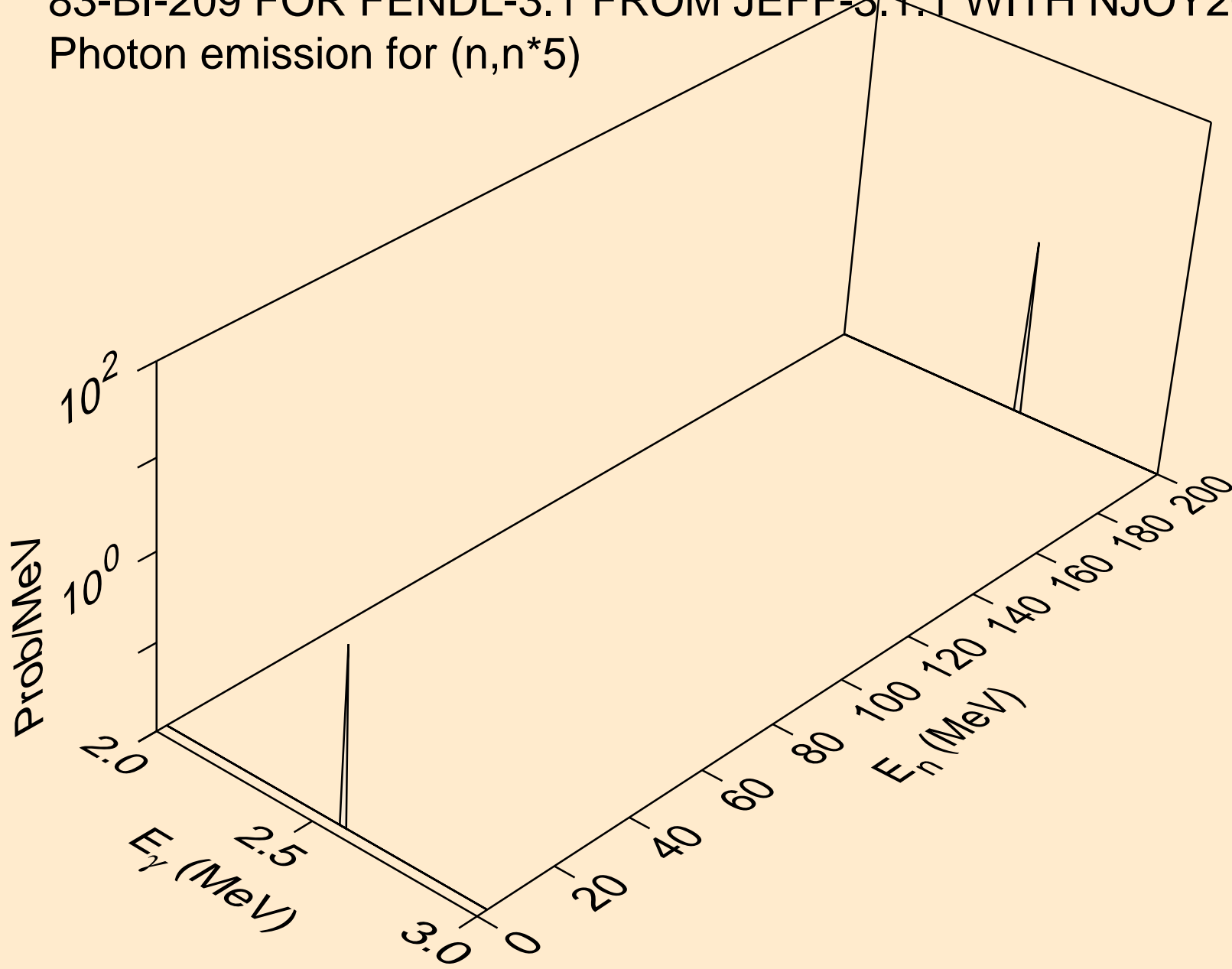
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*3)



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*4)

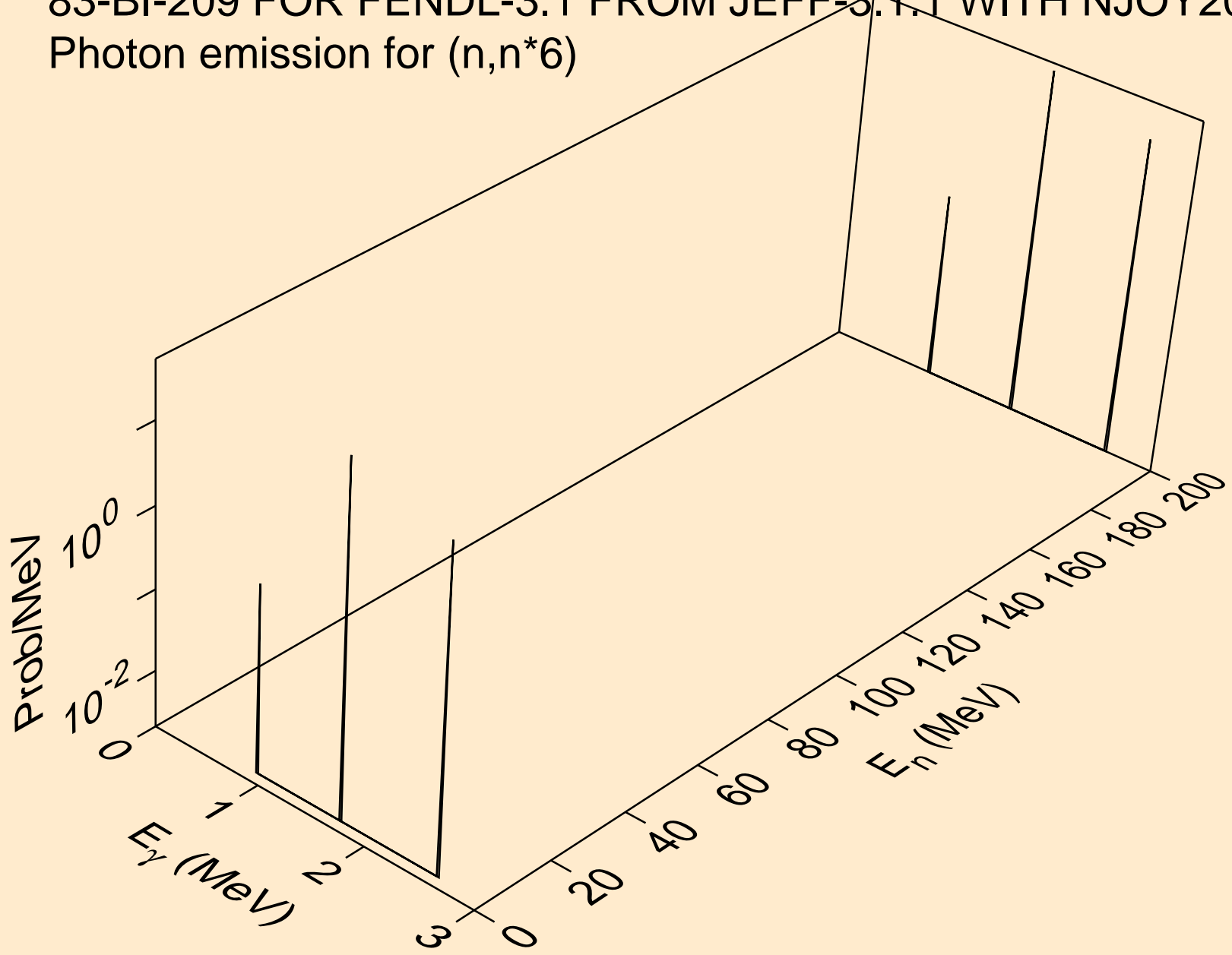


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*5)

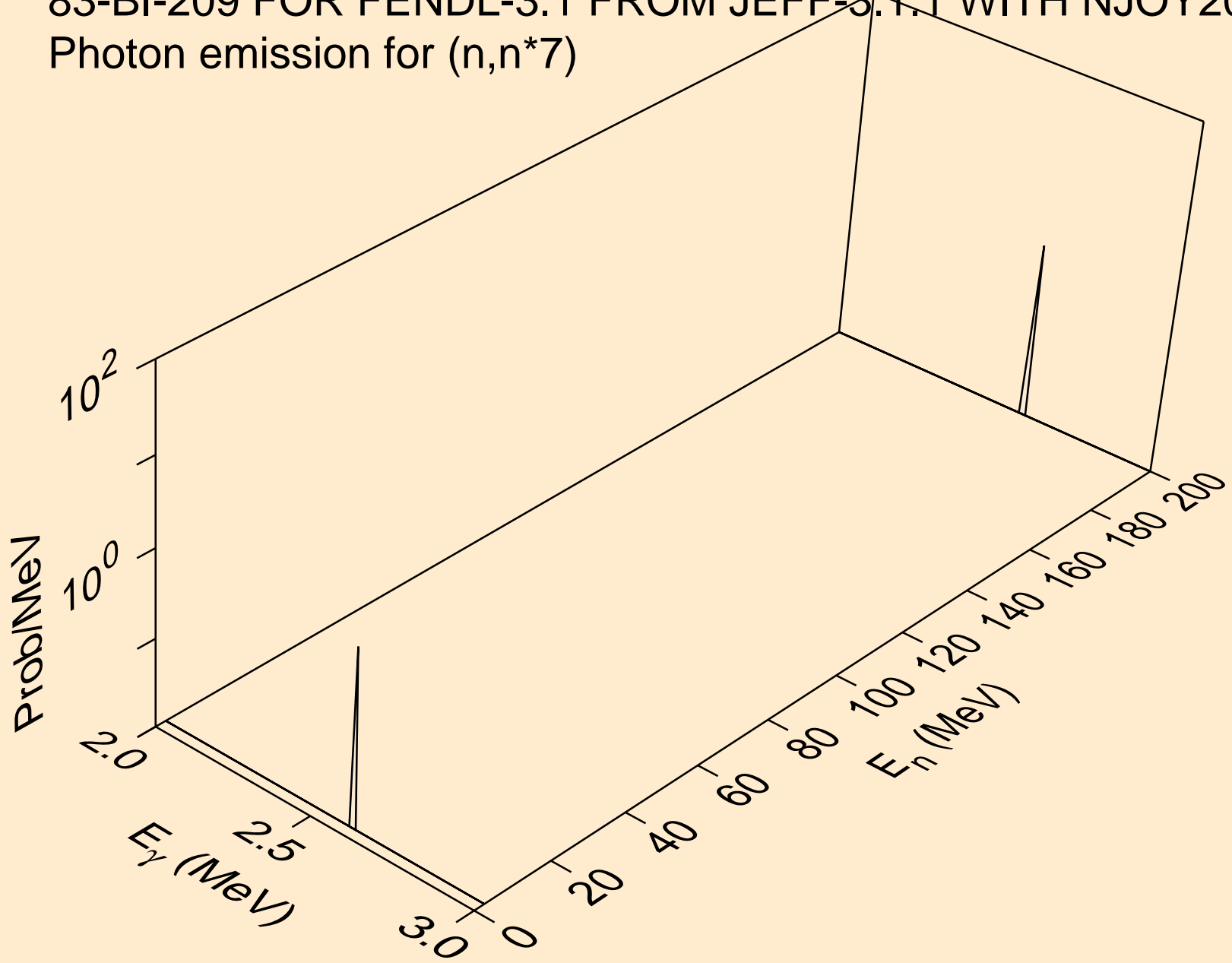




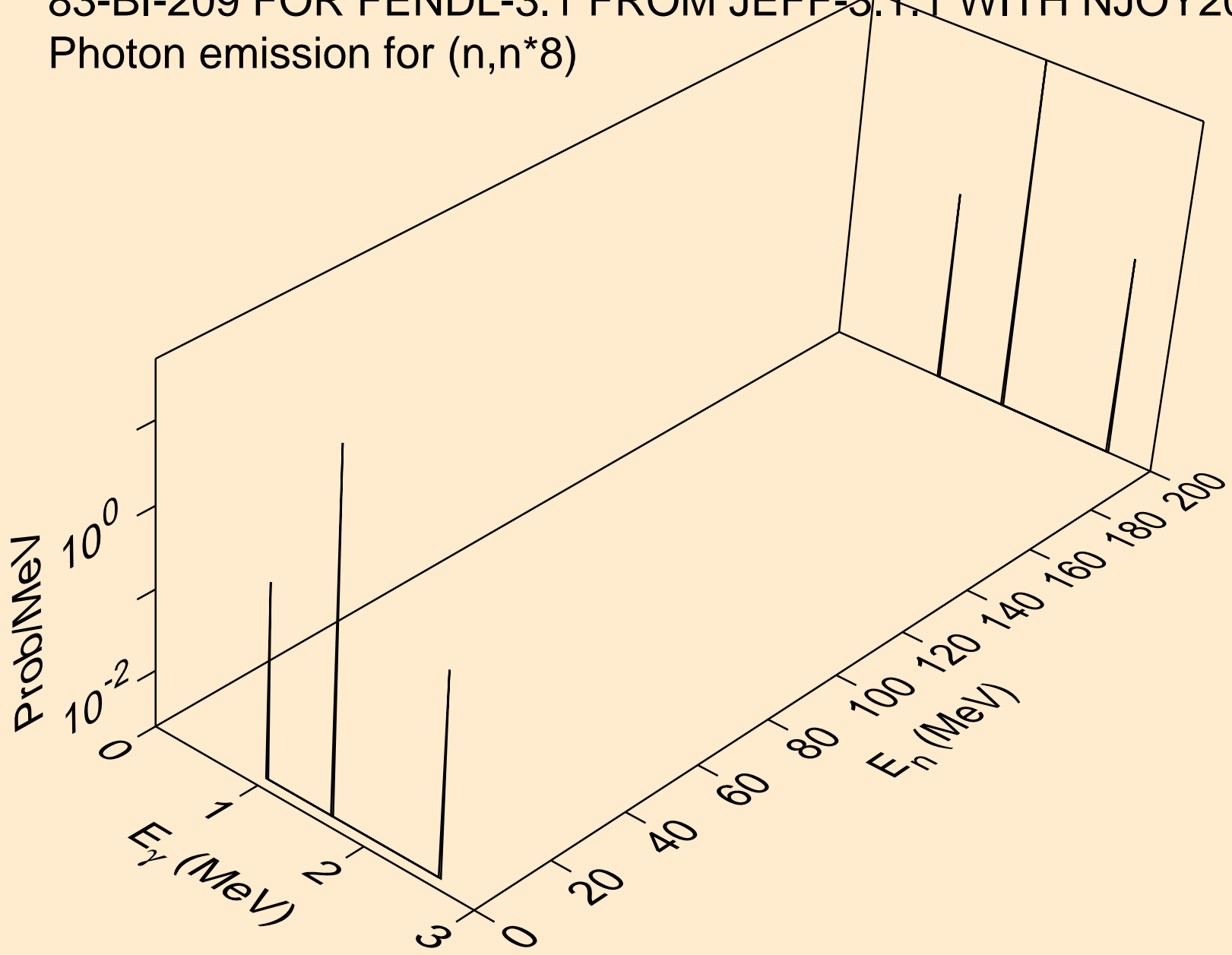
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*6)



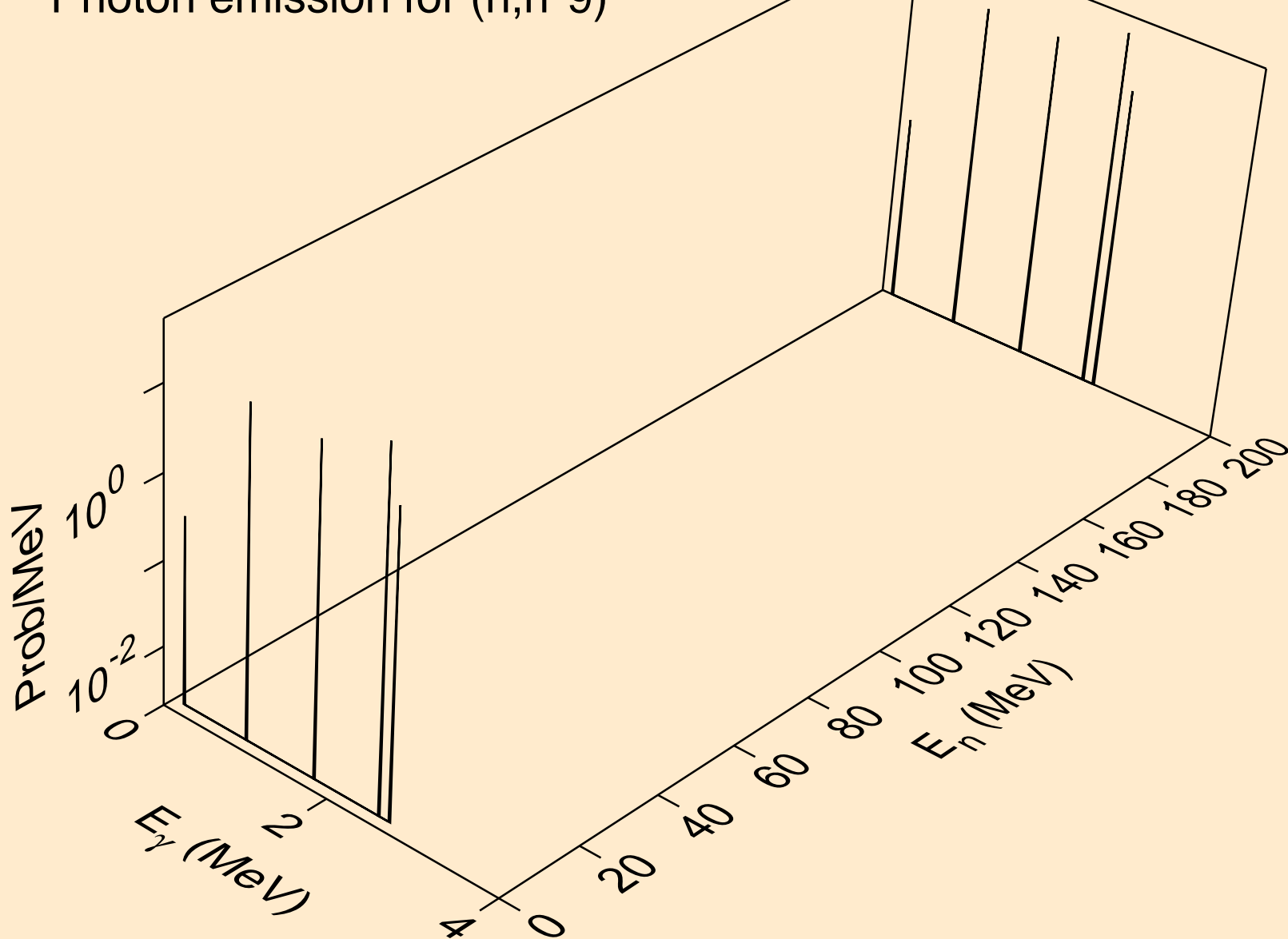
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*7)



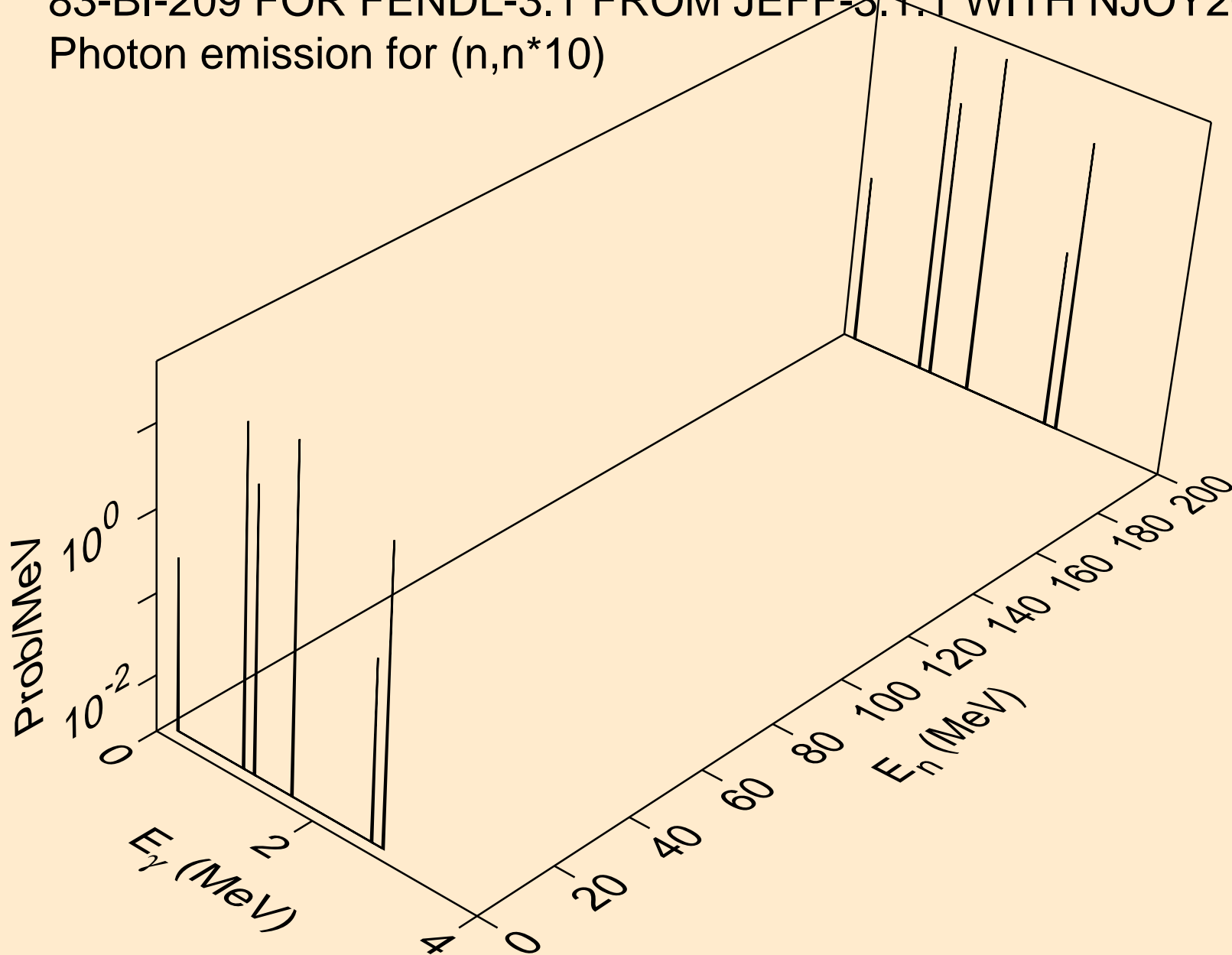
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*8)



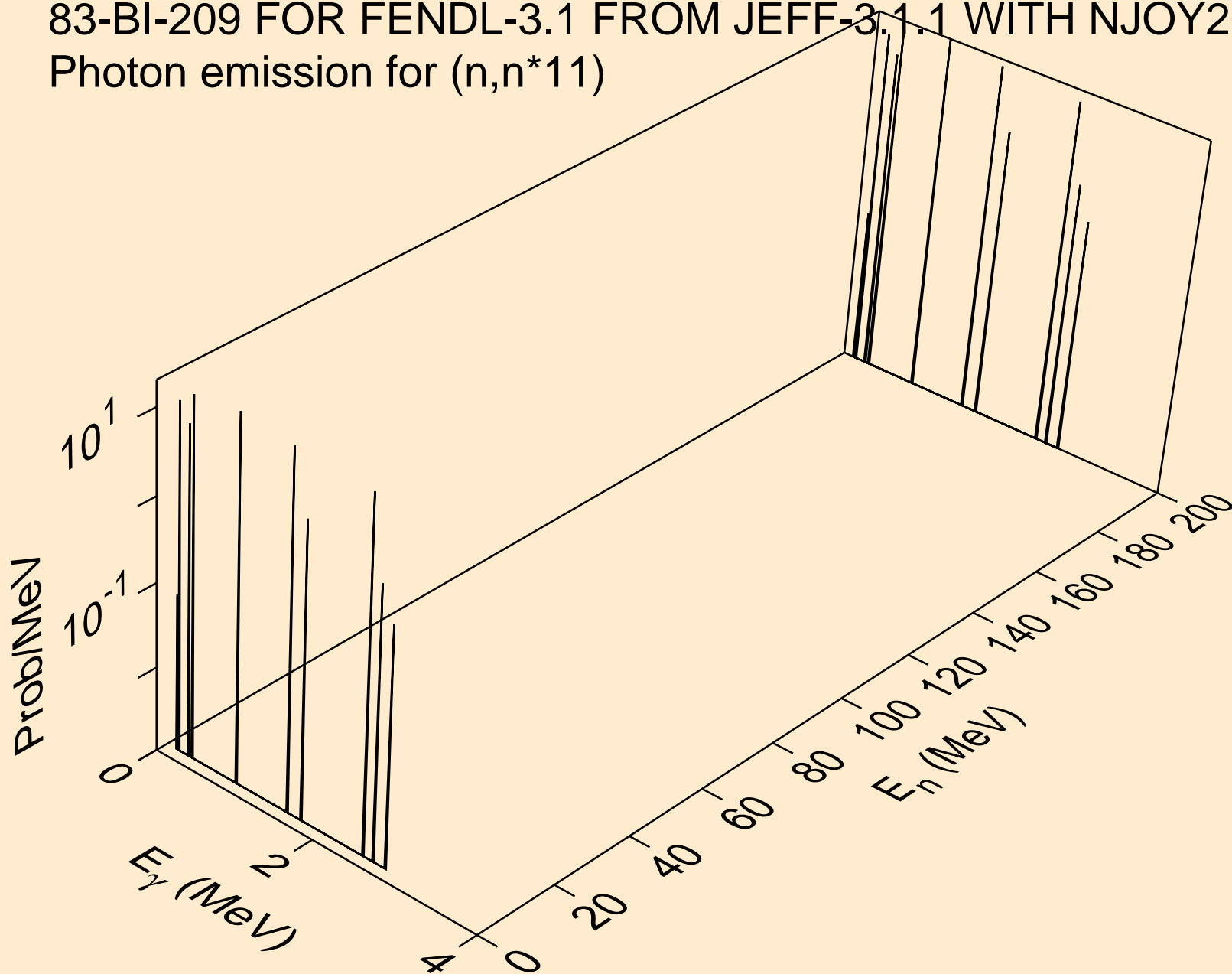
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*9)



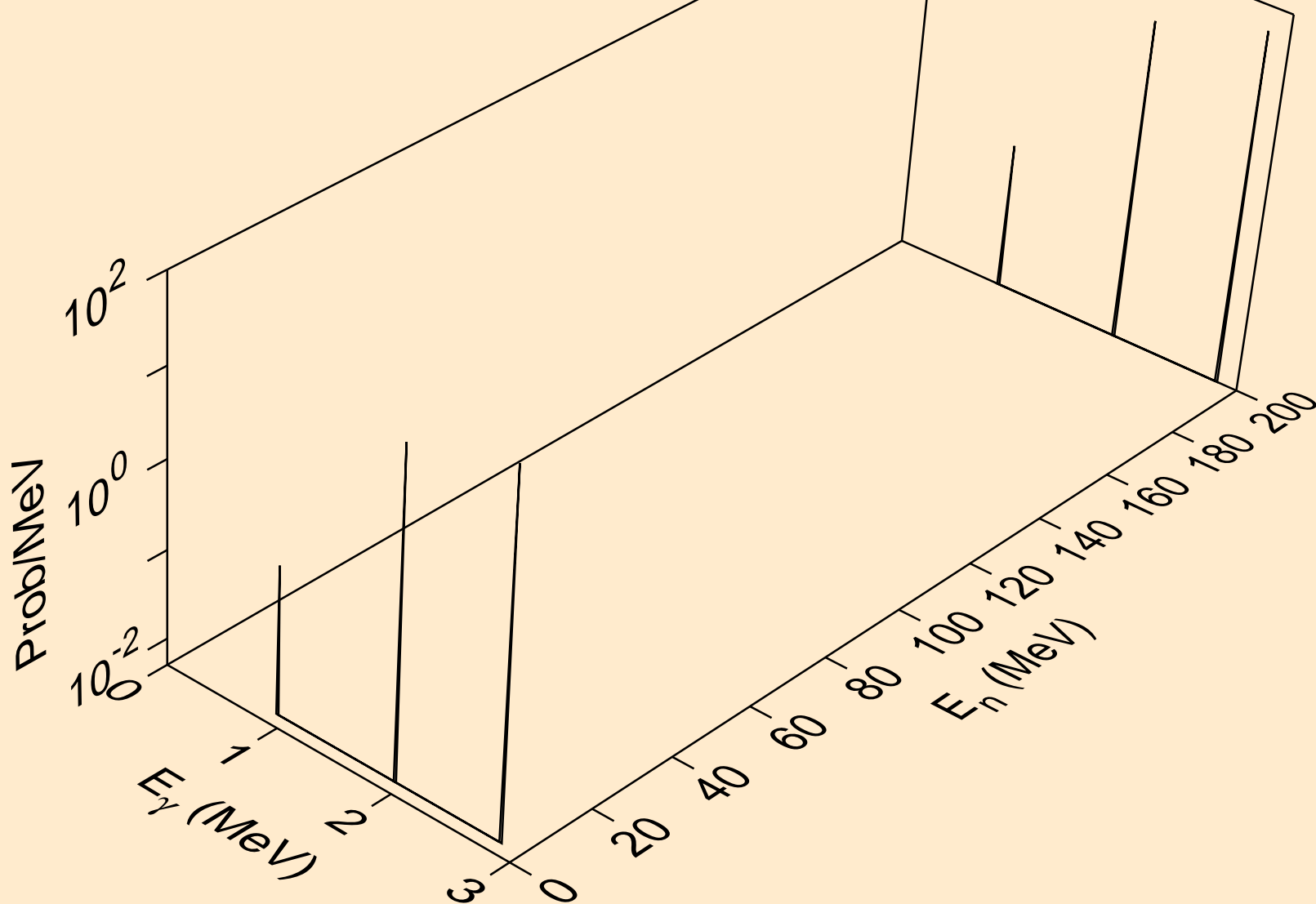
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*10)



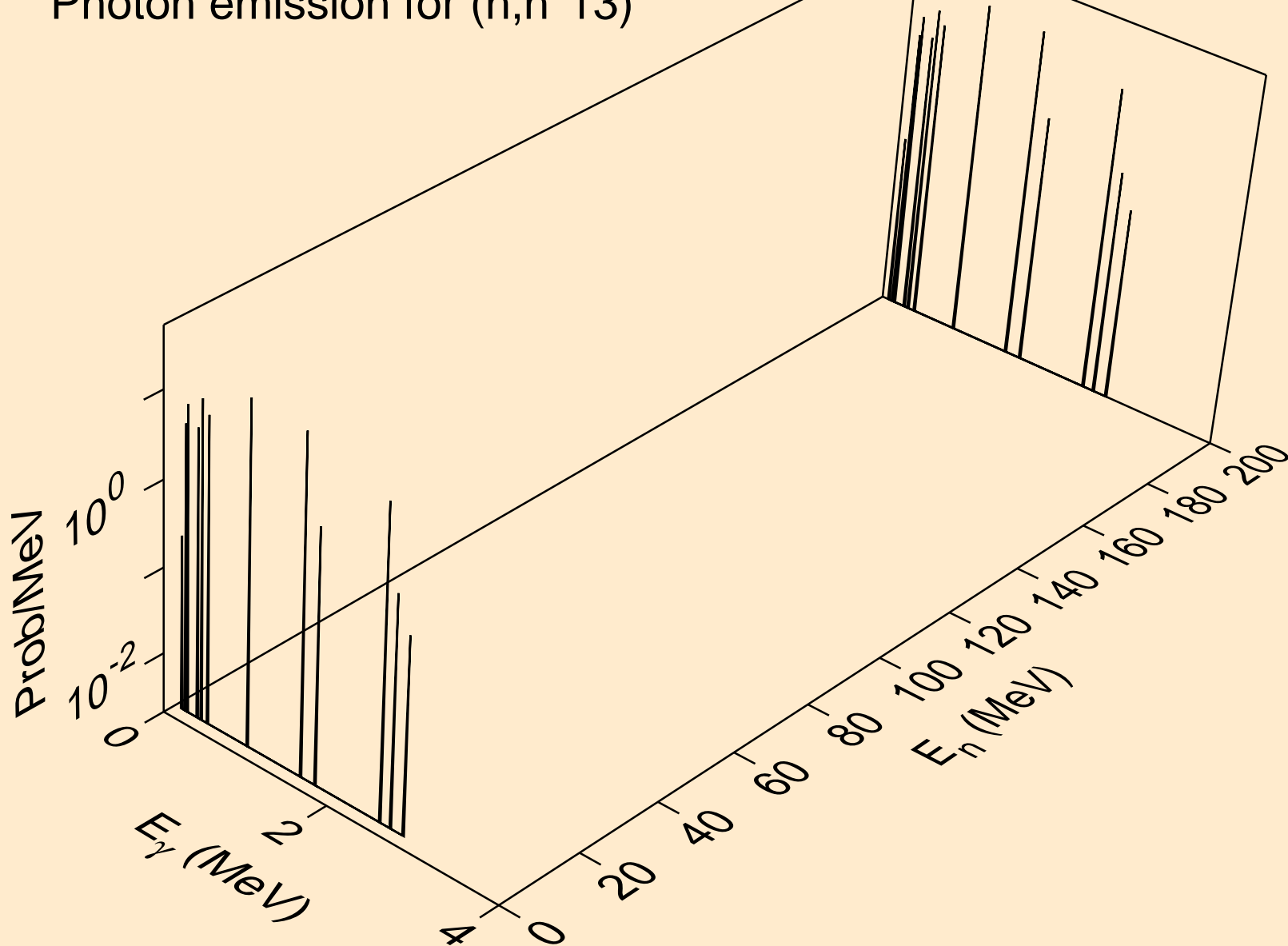
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*11)



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*12)

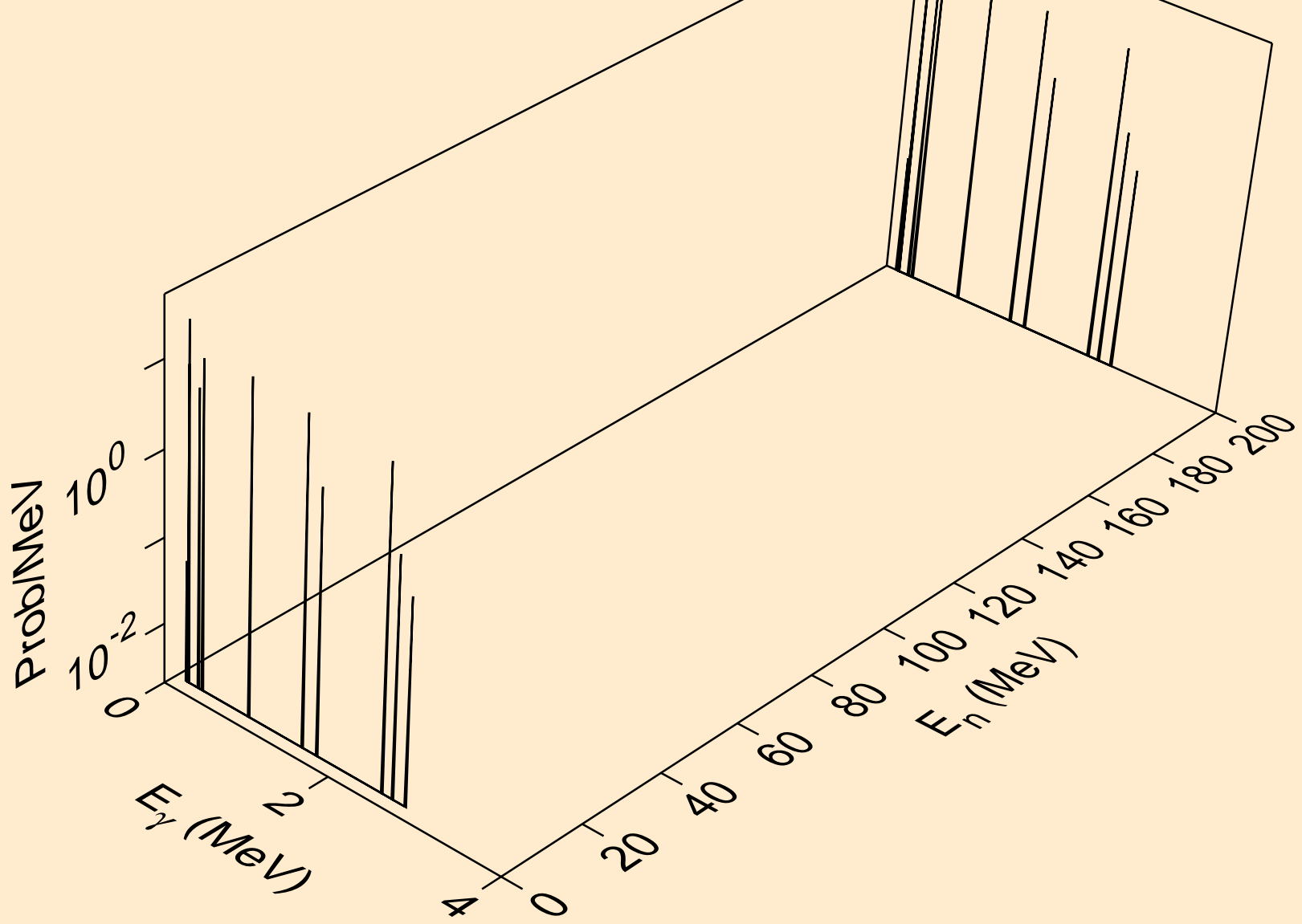


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*13)

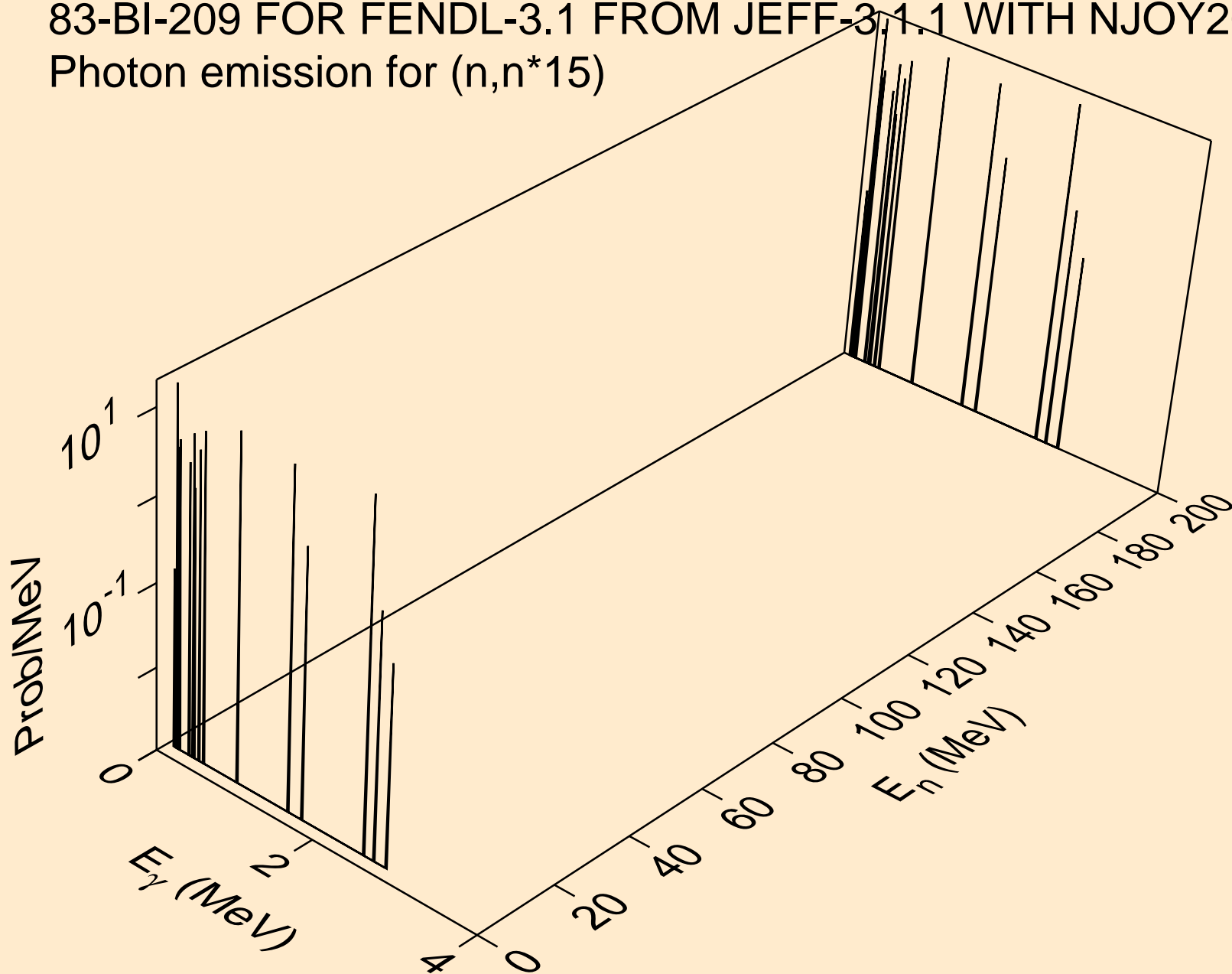




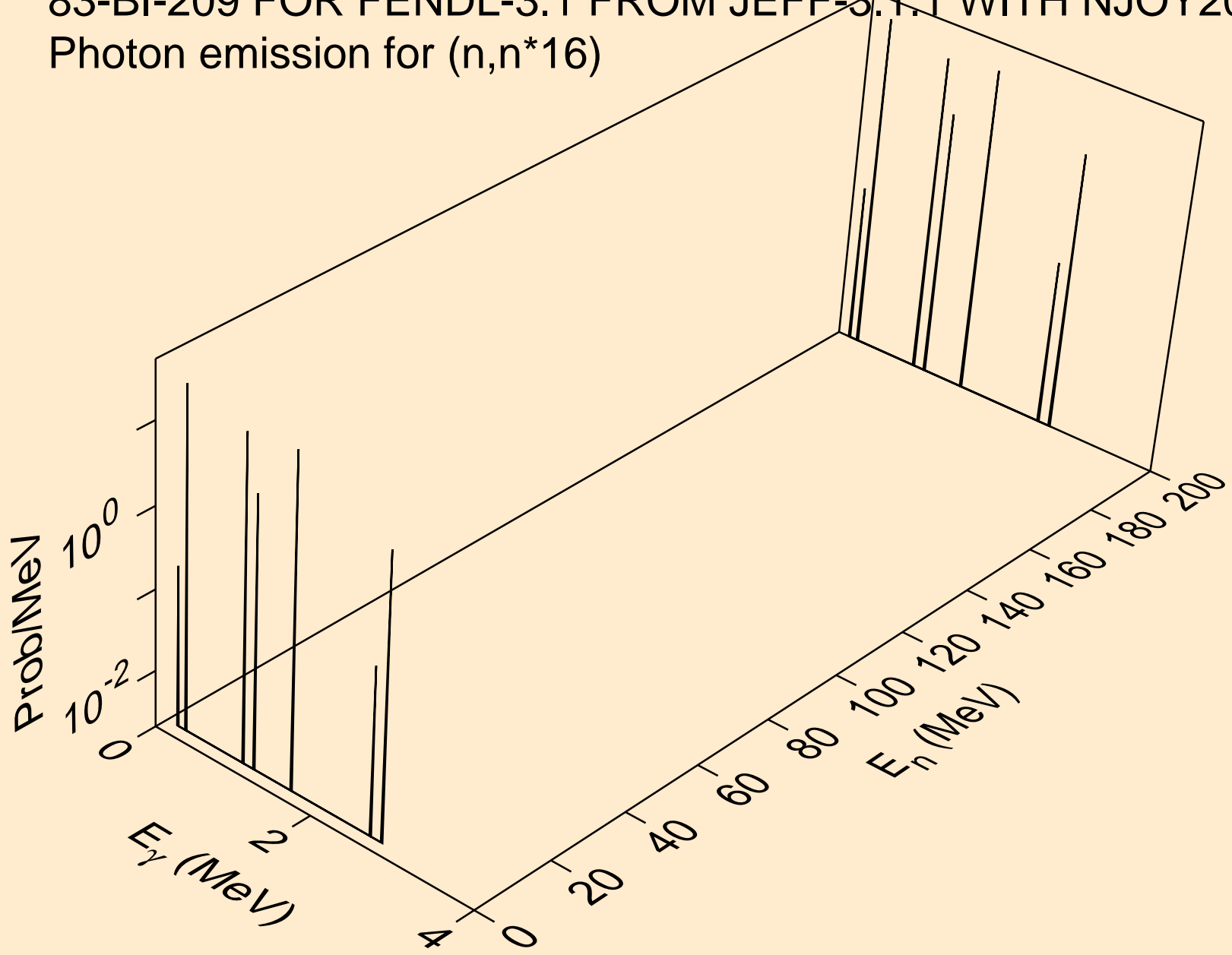
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*14)



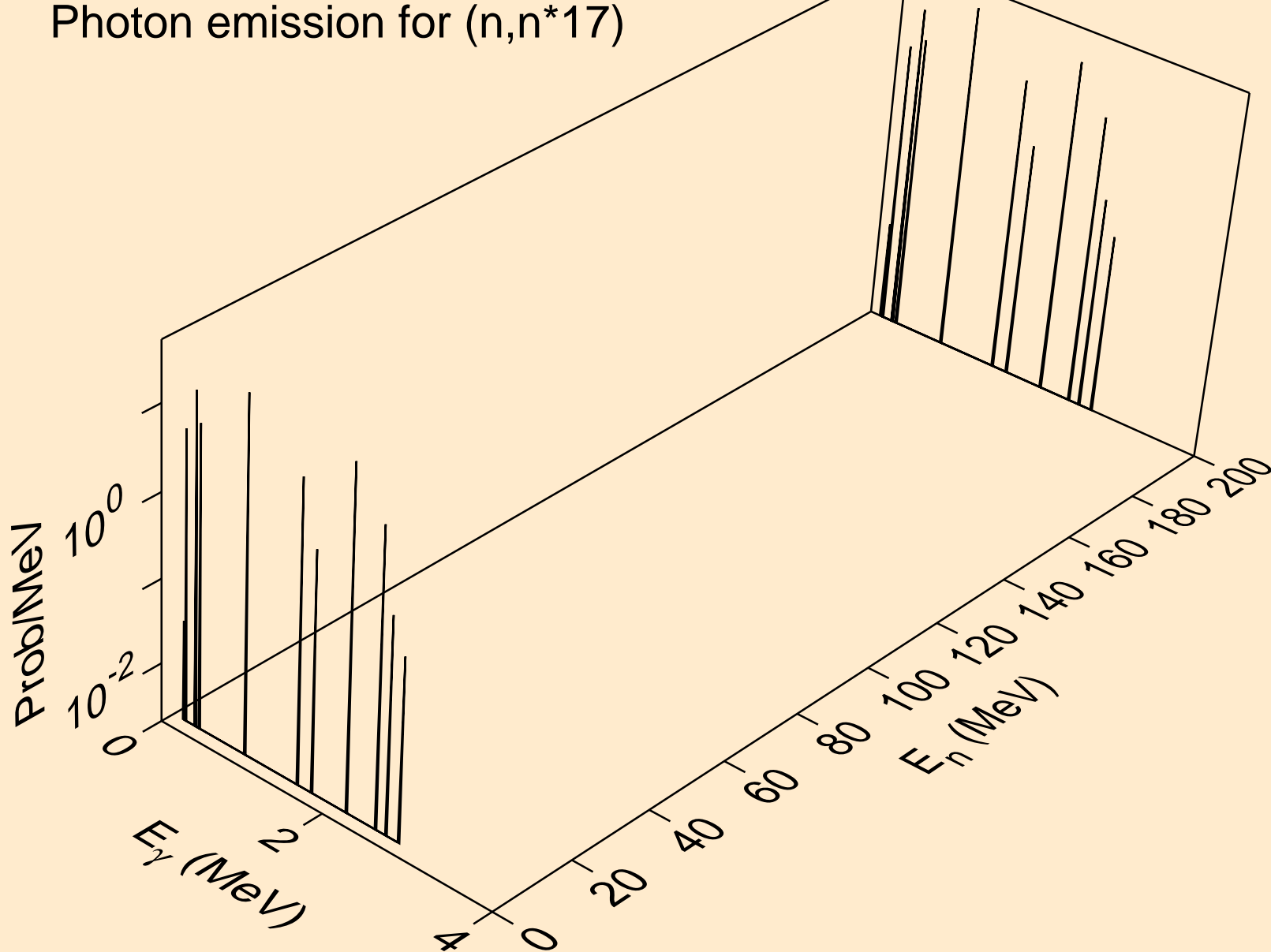
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*15)



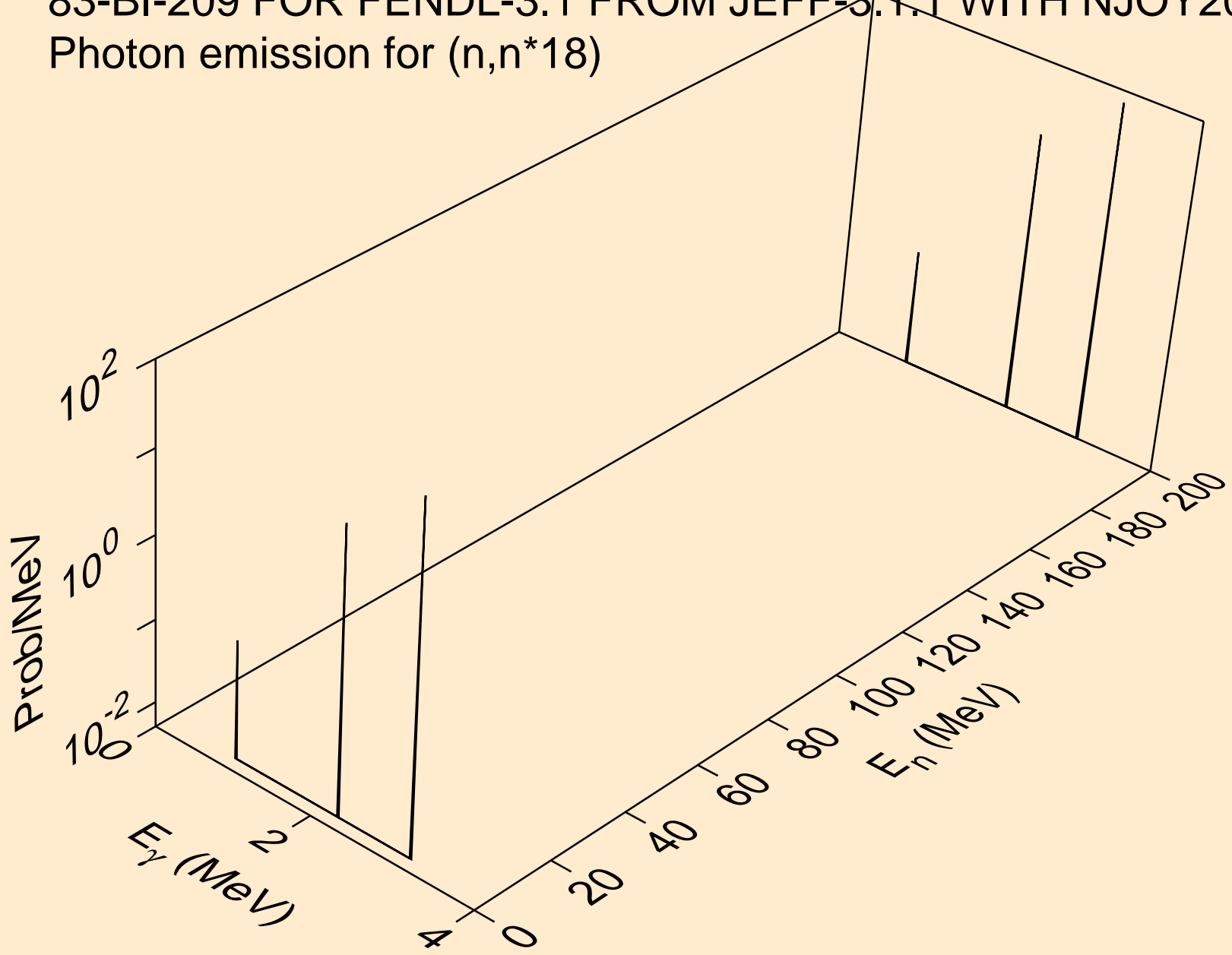
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*16)



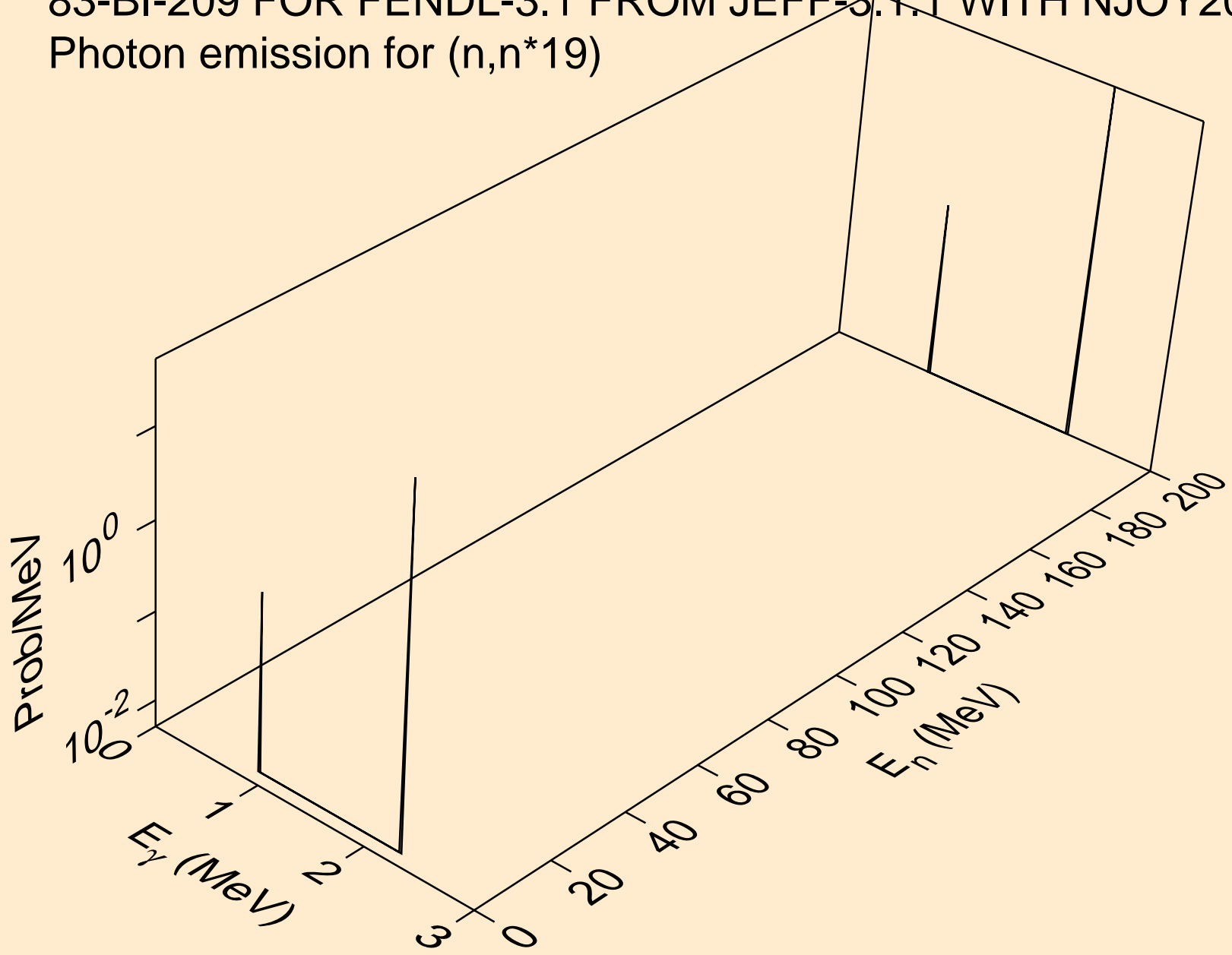
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*17)



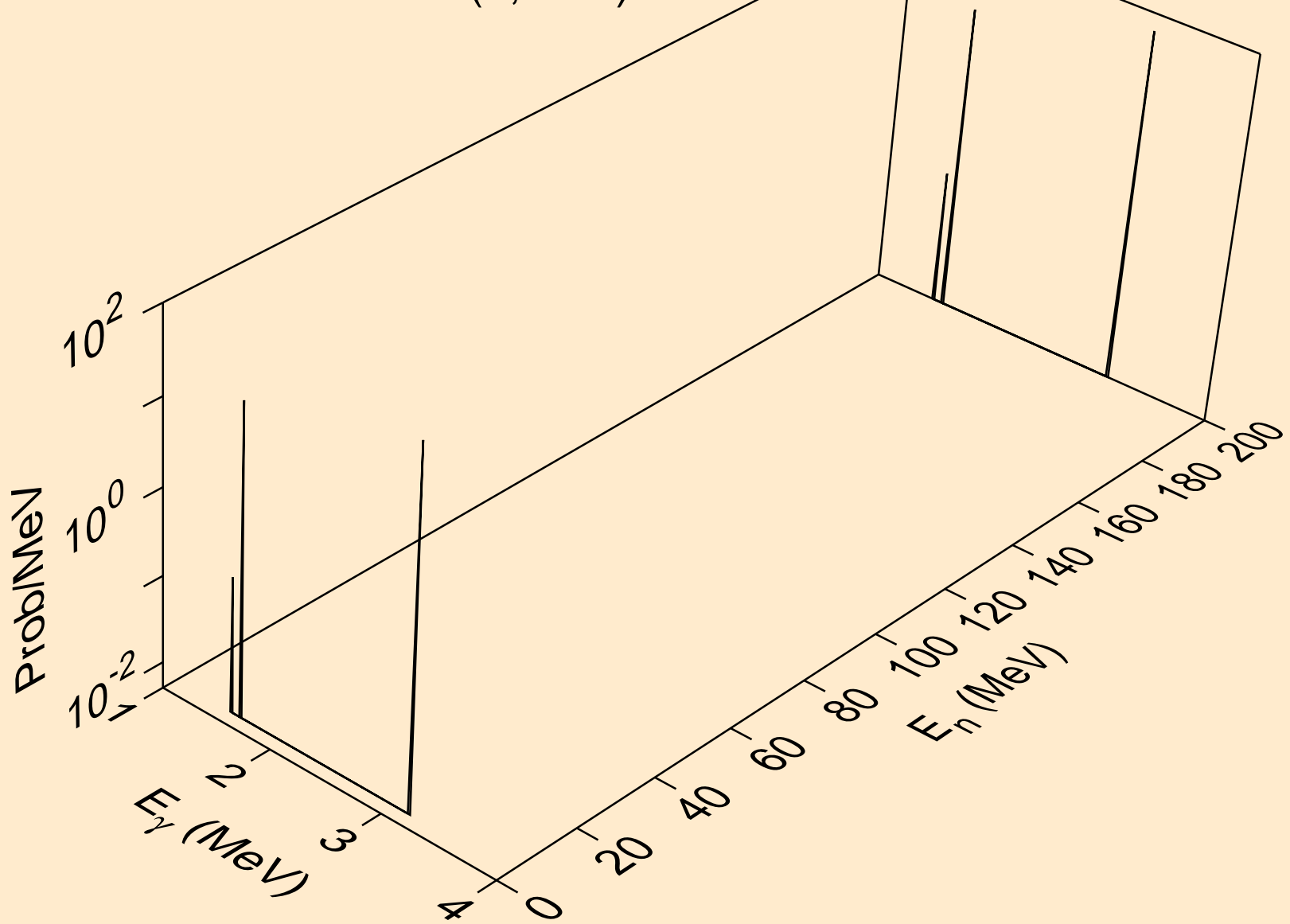
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*18)



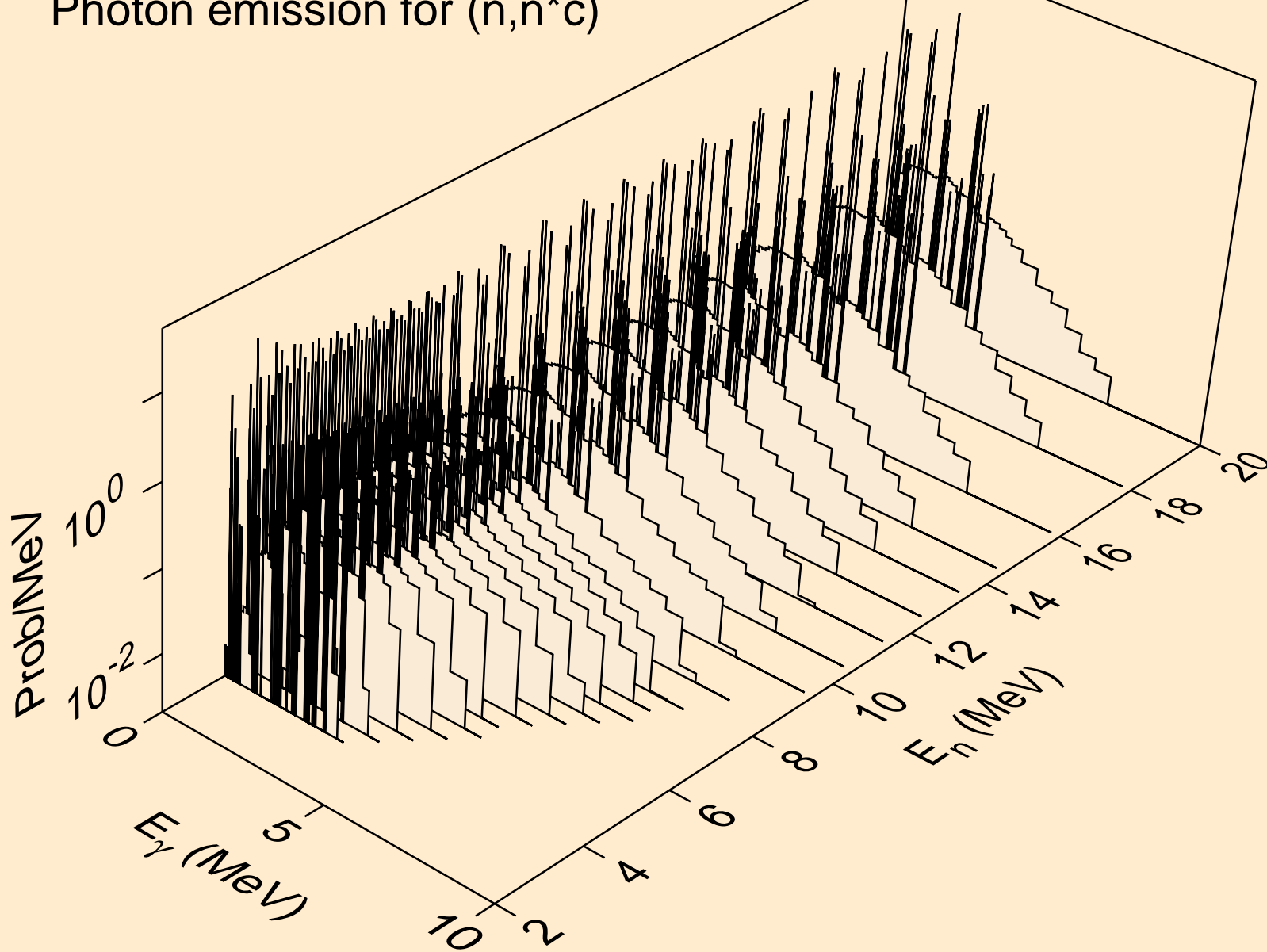
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*19)



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*20)

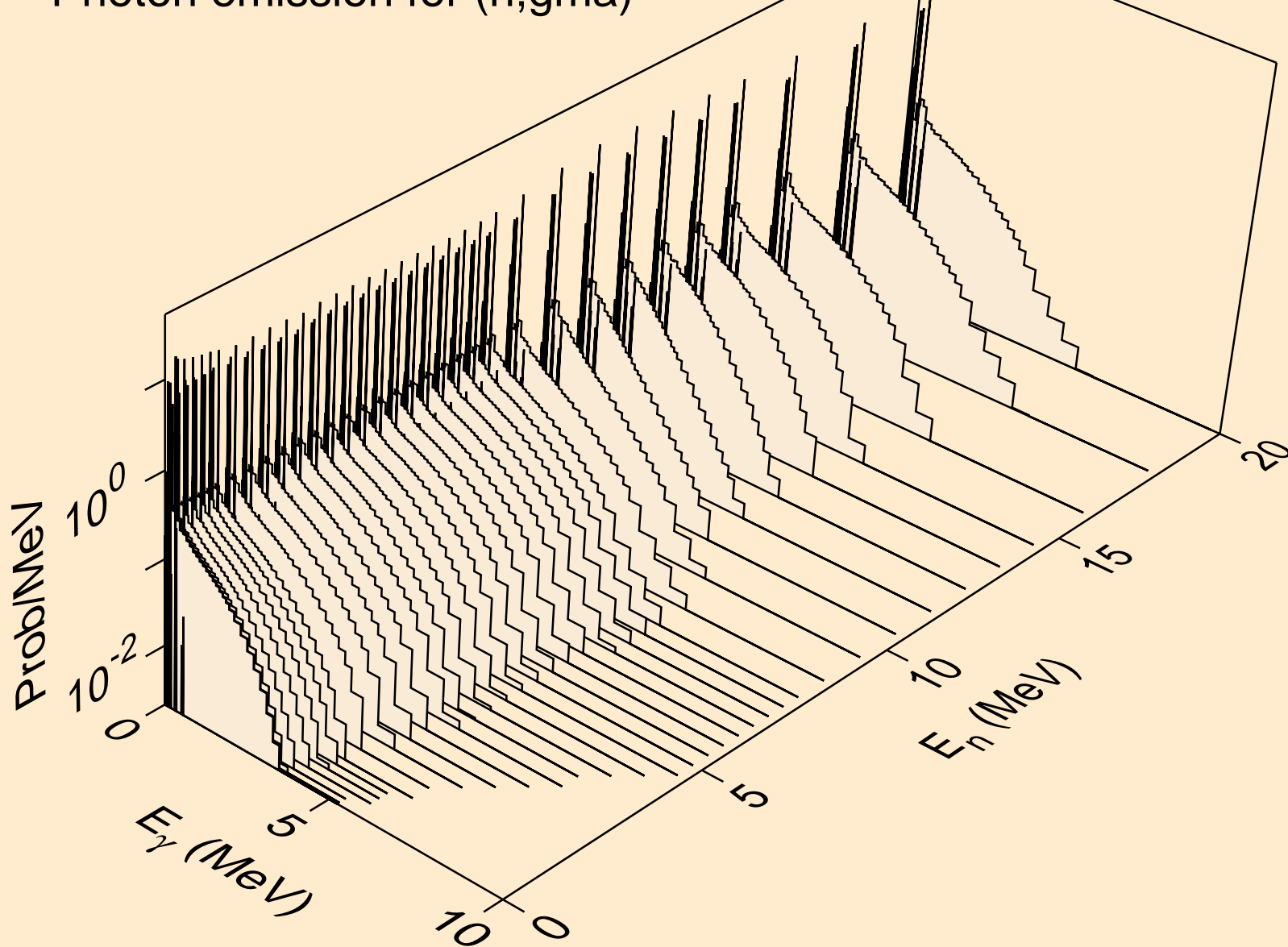


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,n\*c)

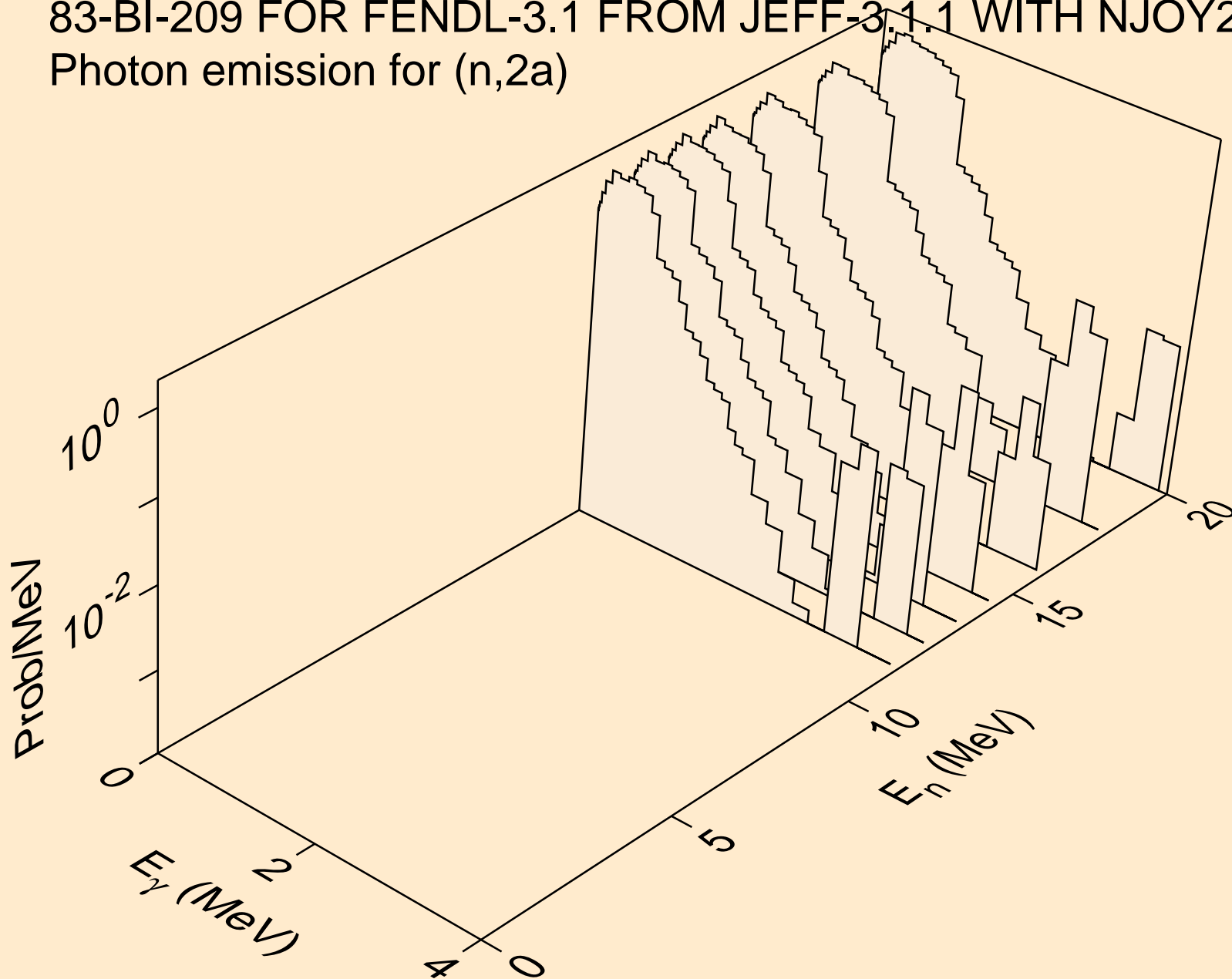




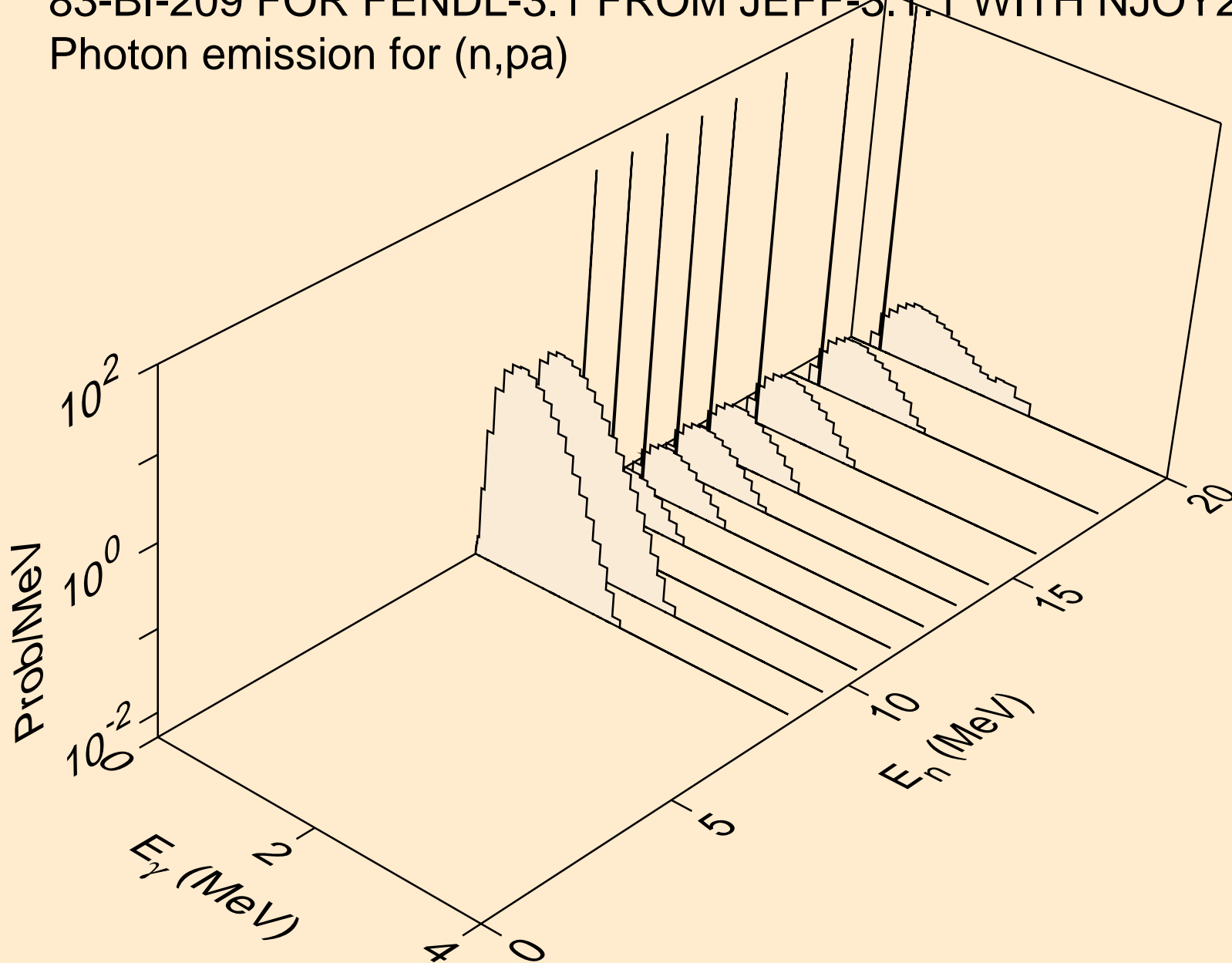
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,gma)



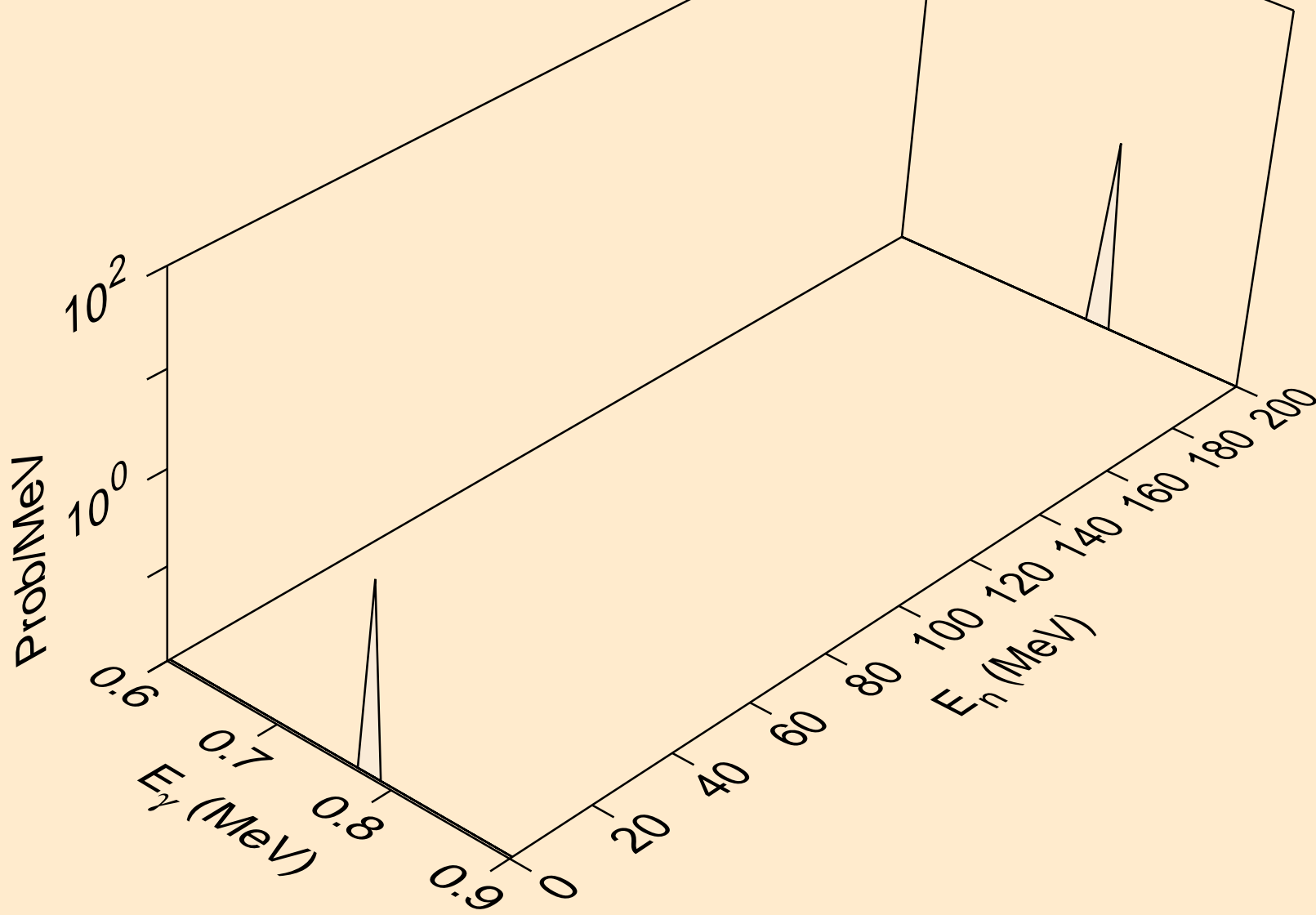
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,2a)



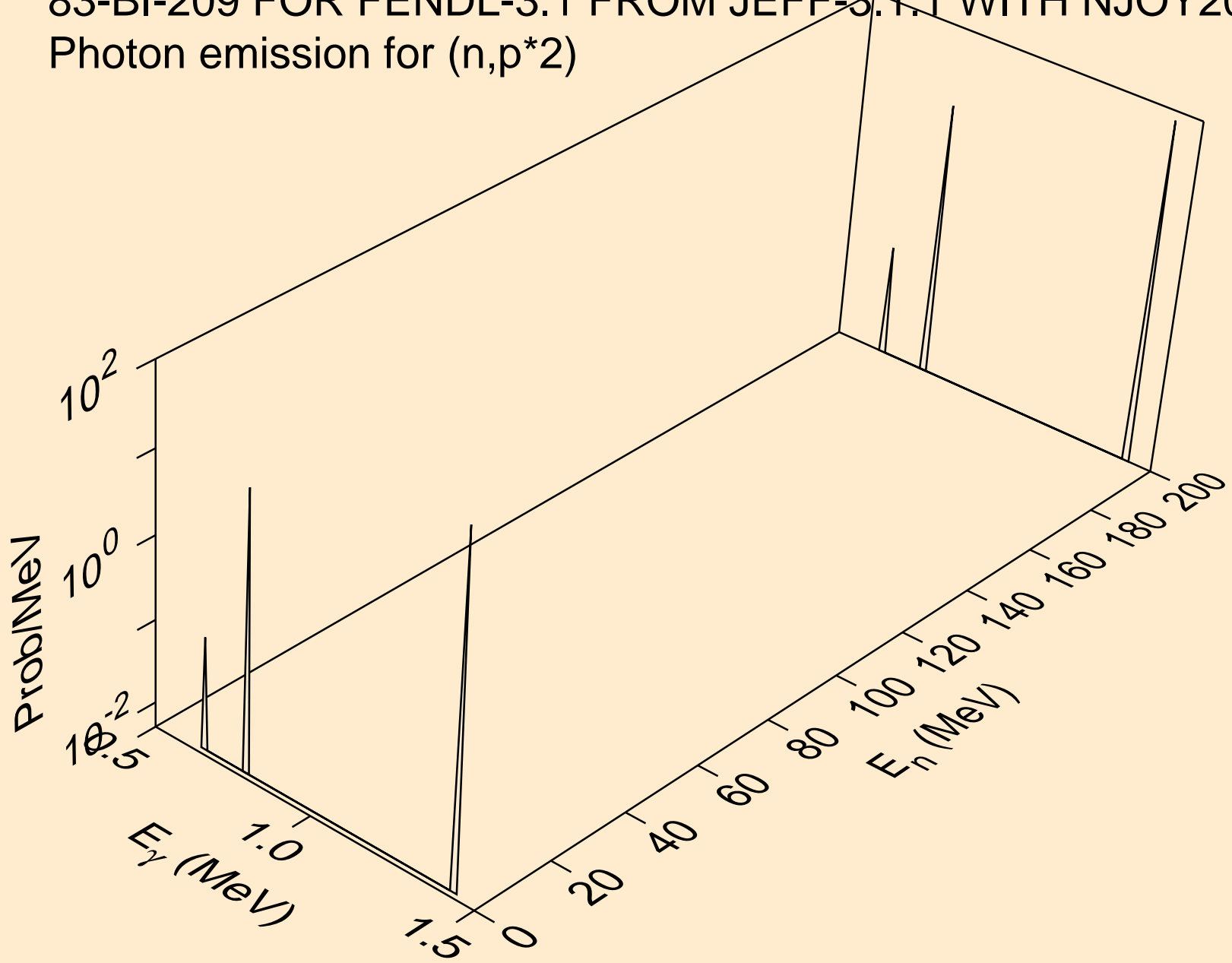
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,pa)



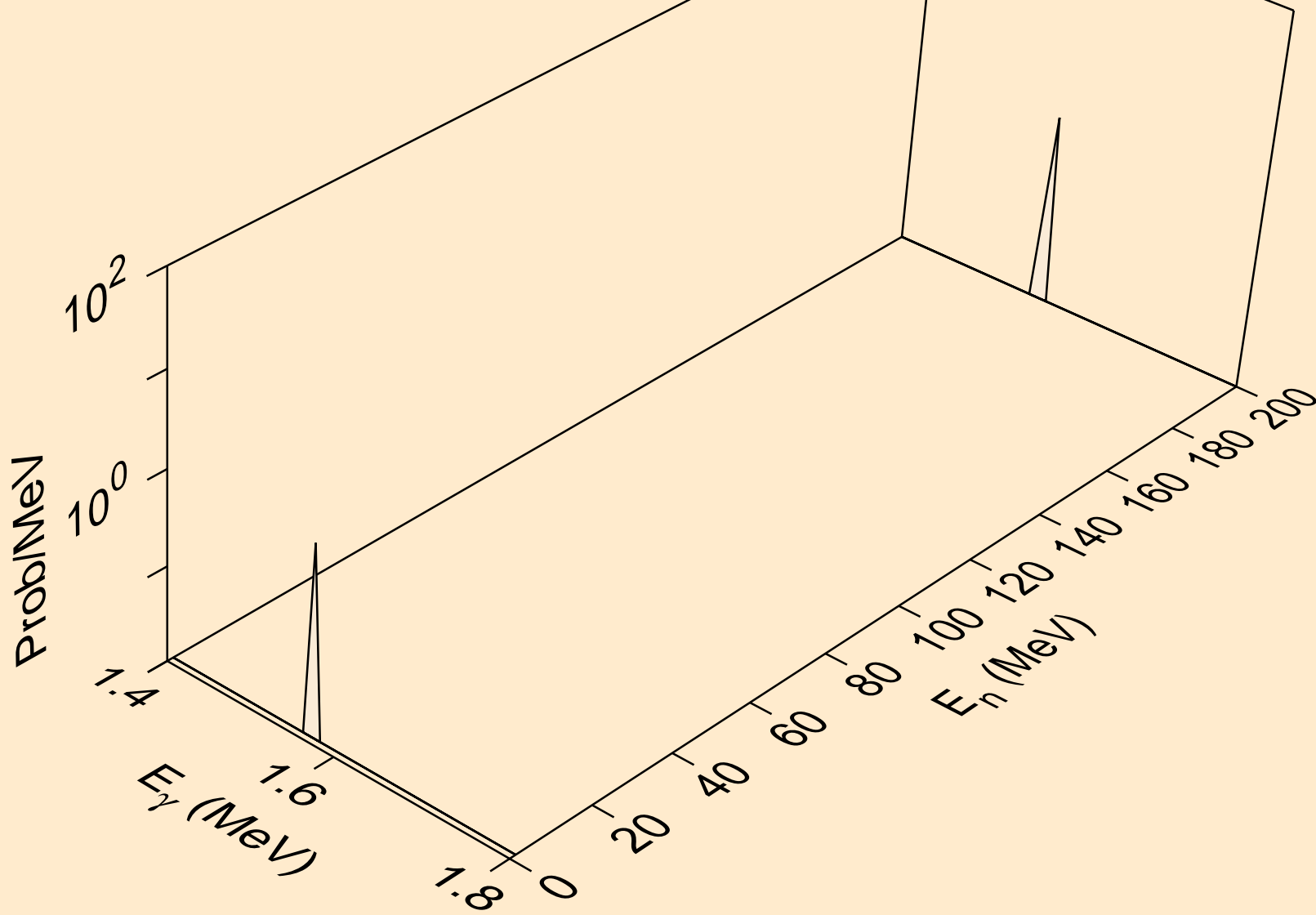
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,p\*1)



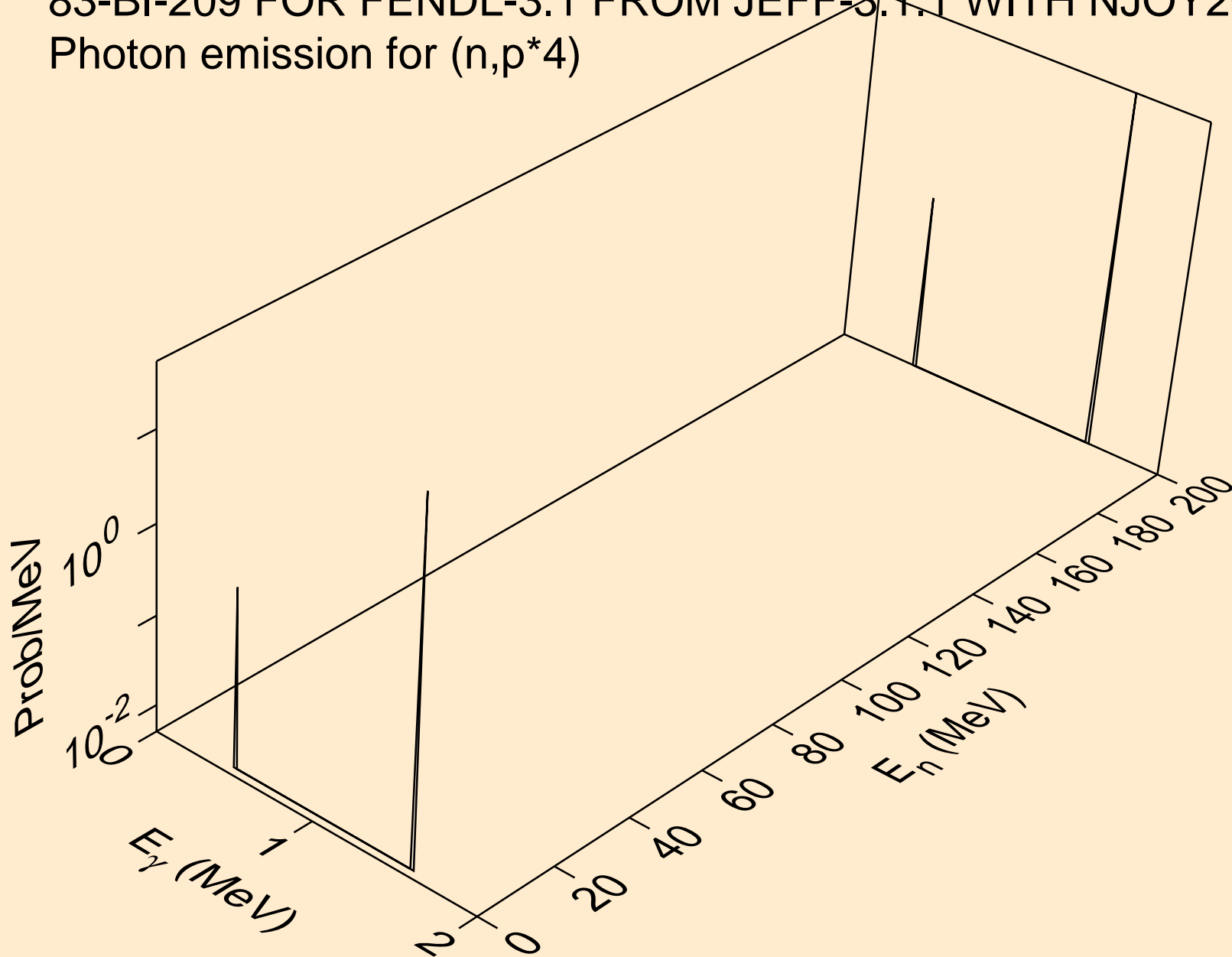
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,p\*2)



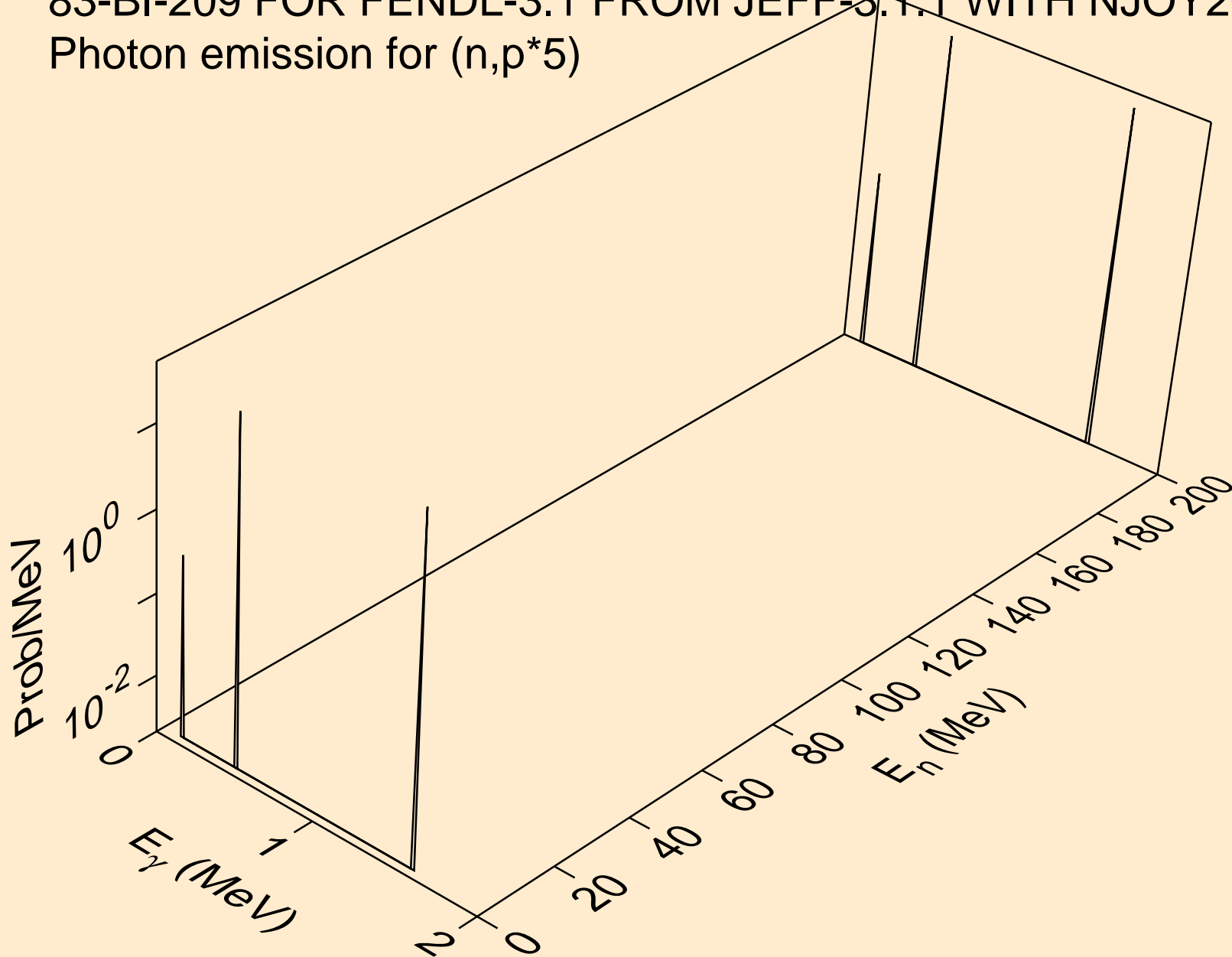
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,p\*3)



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,p\*4)

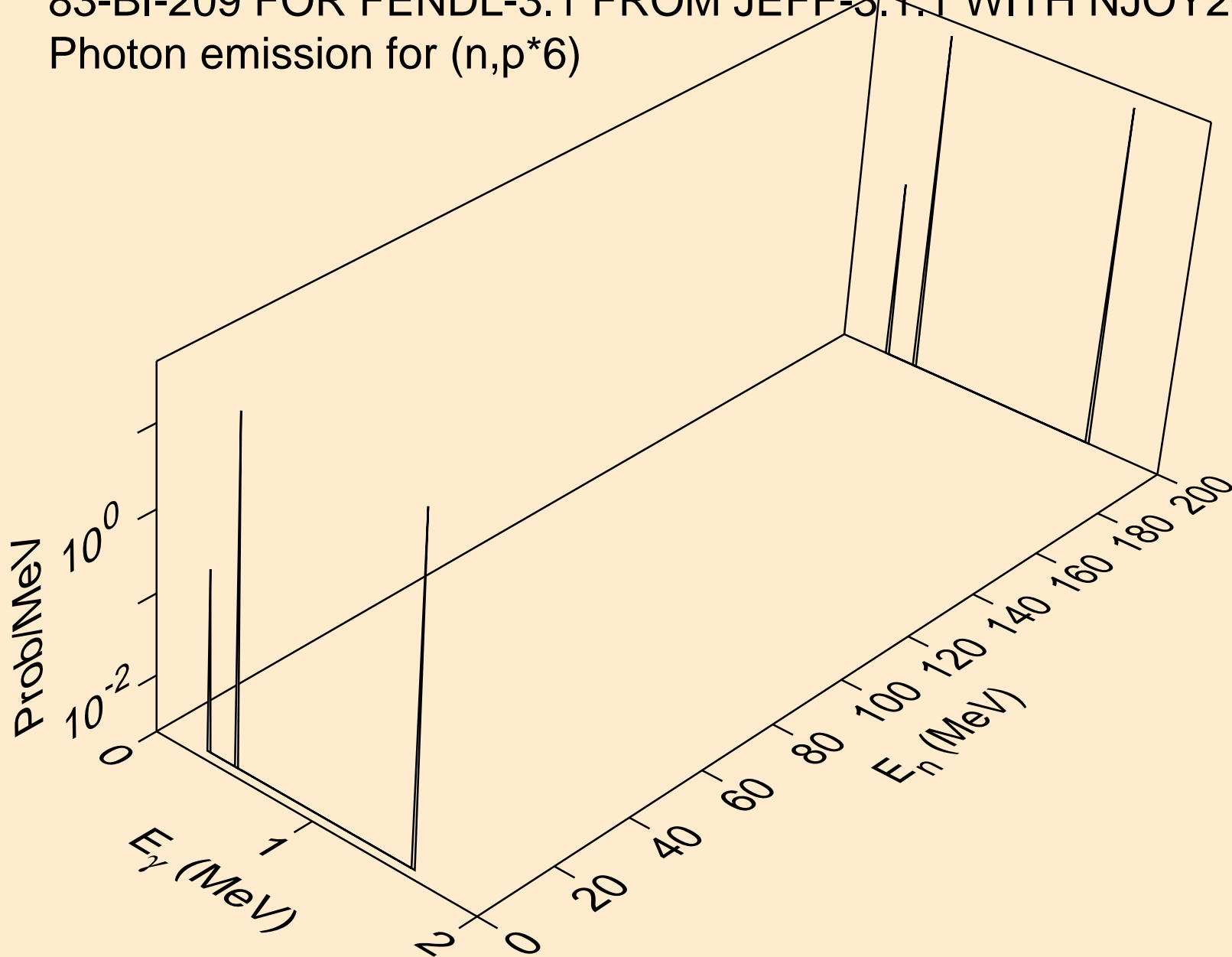


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,p\*5)

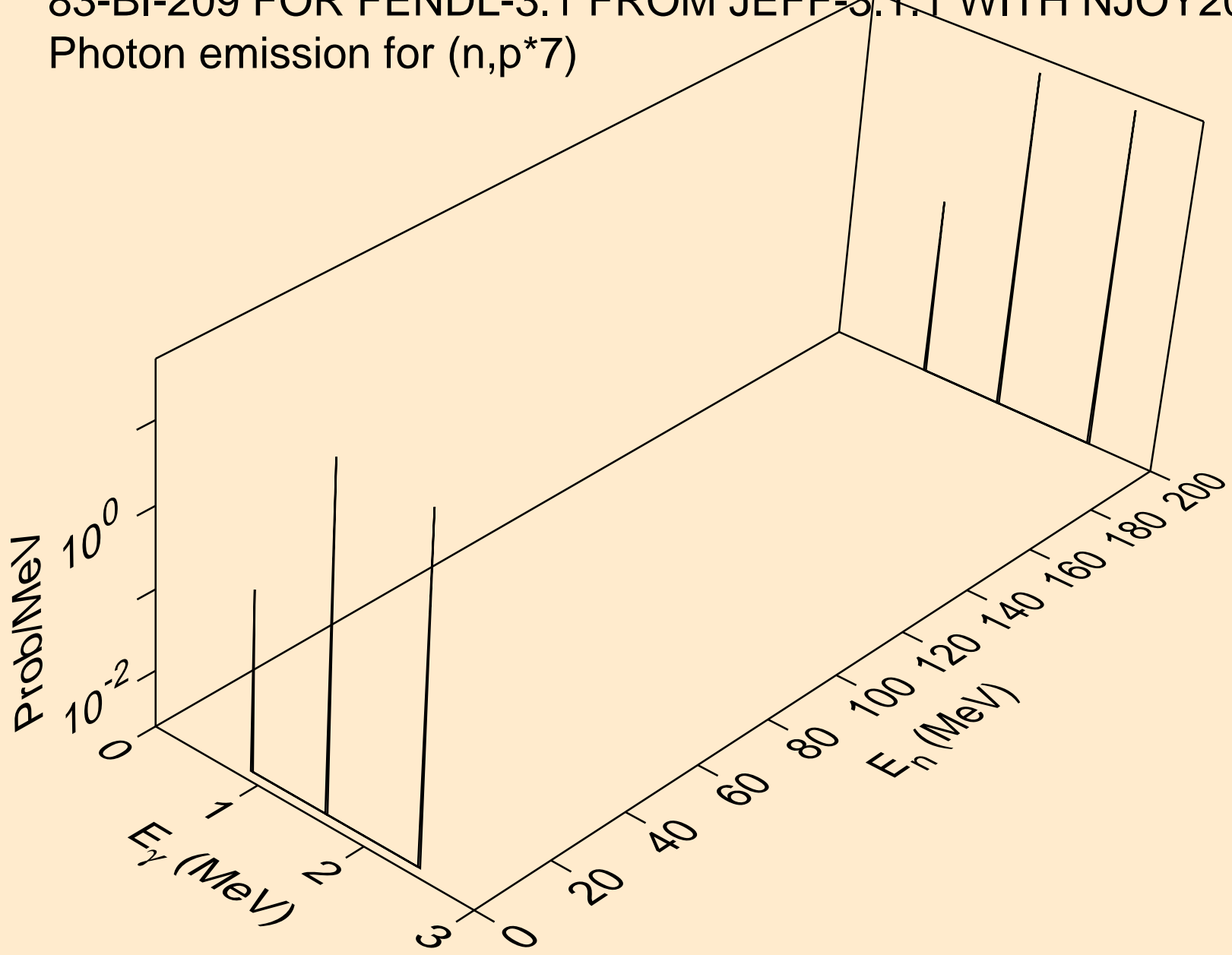




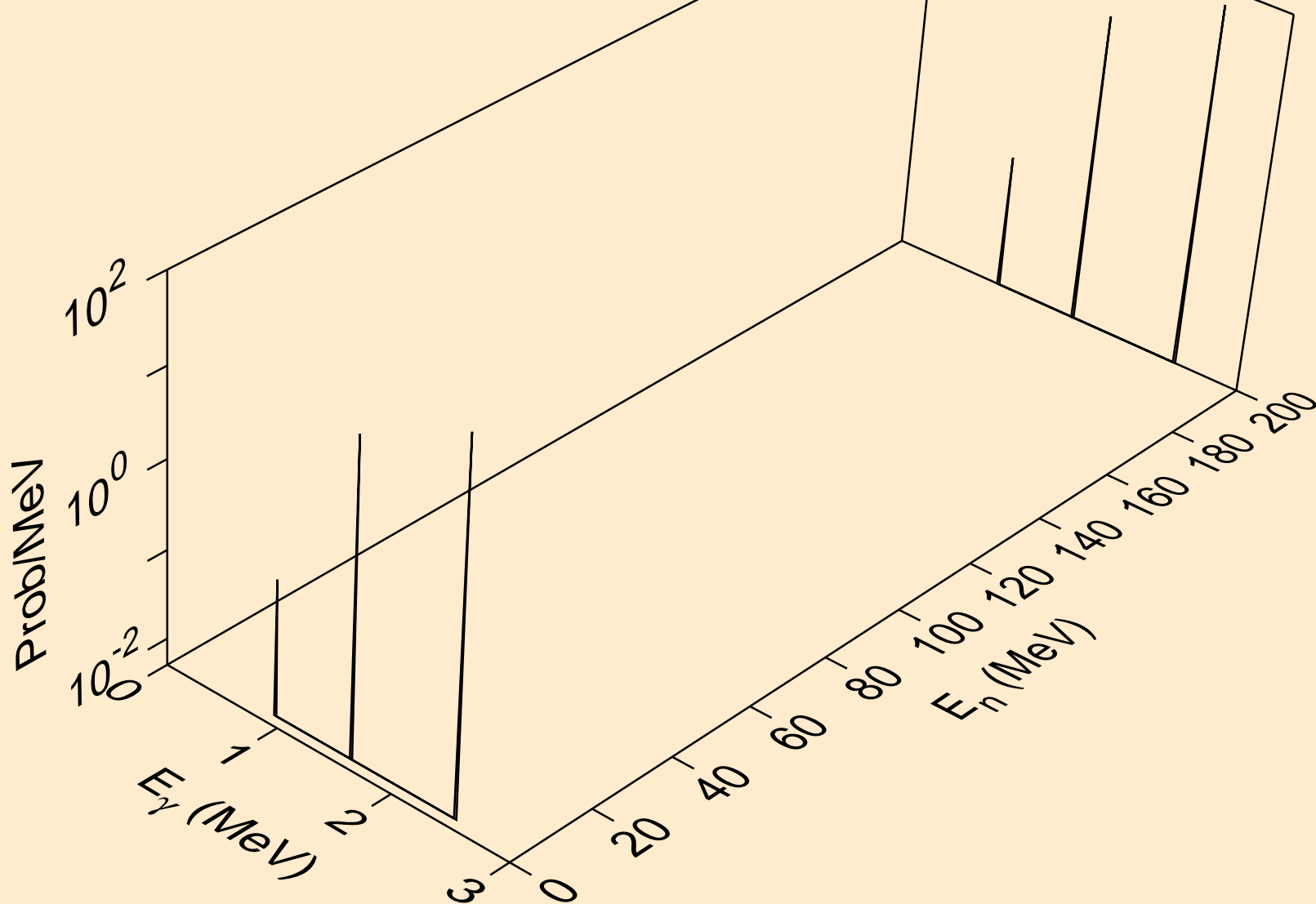
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,p\*6)



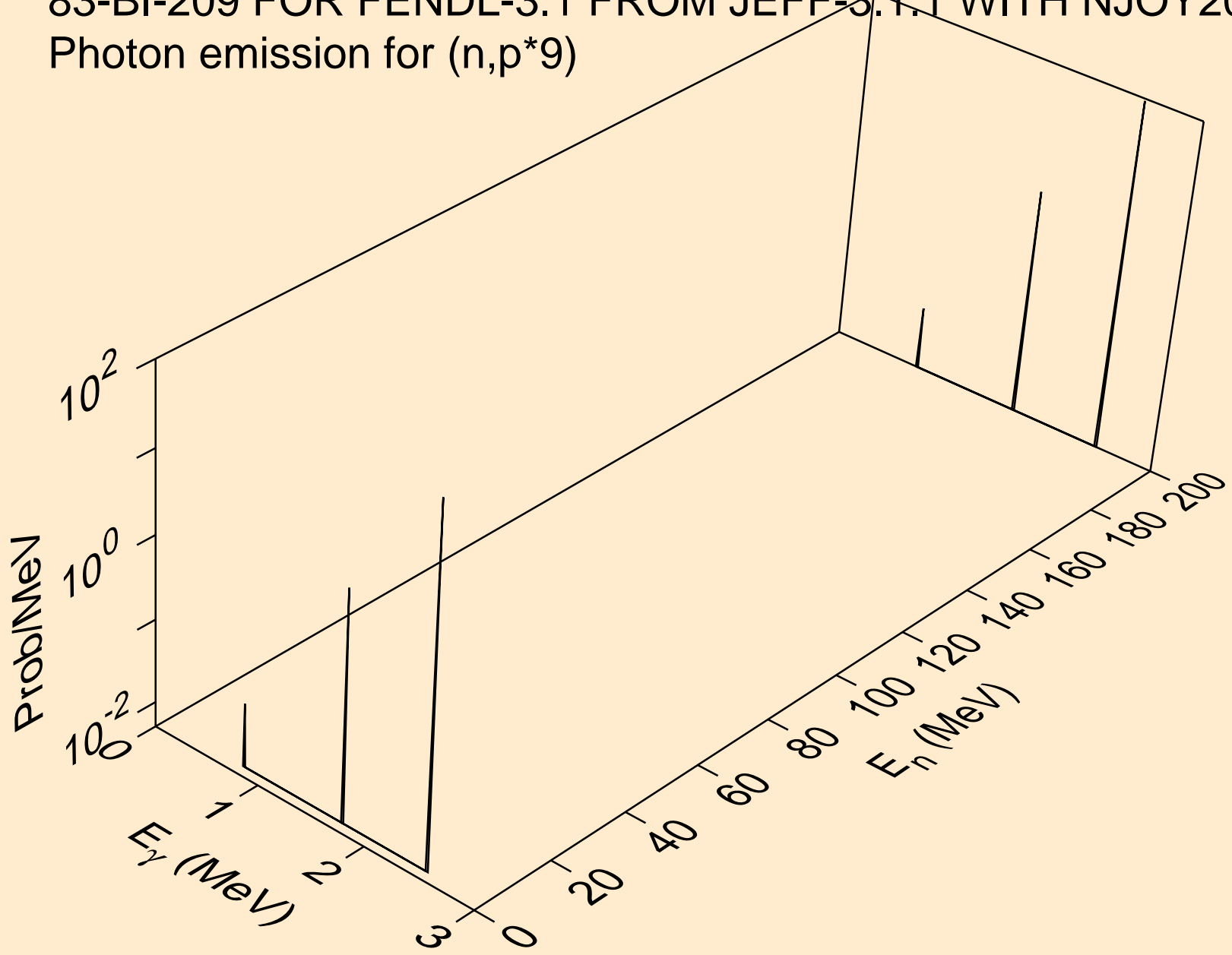
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,p\*7)



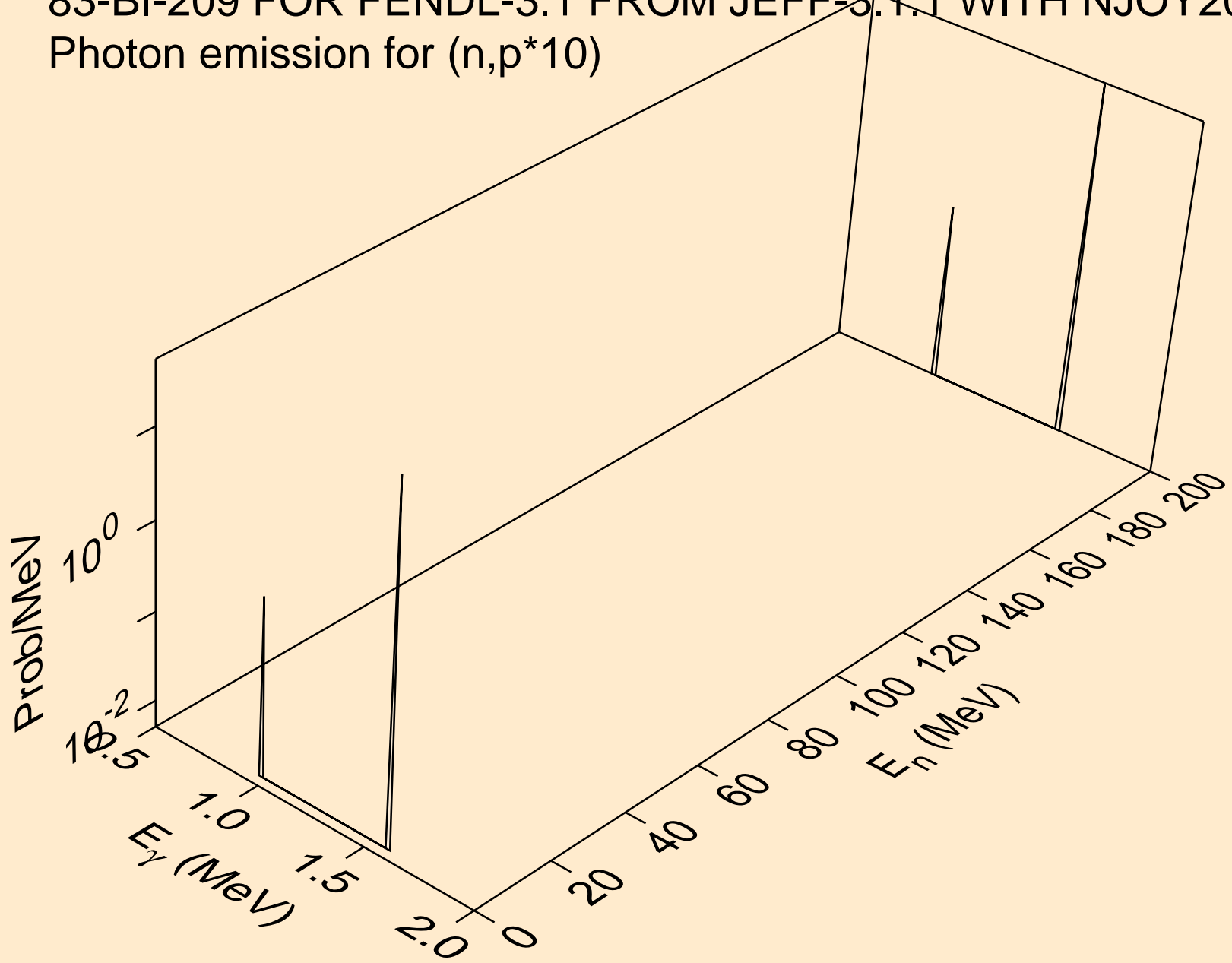
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,p\*8)



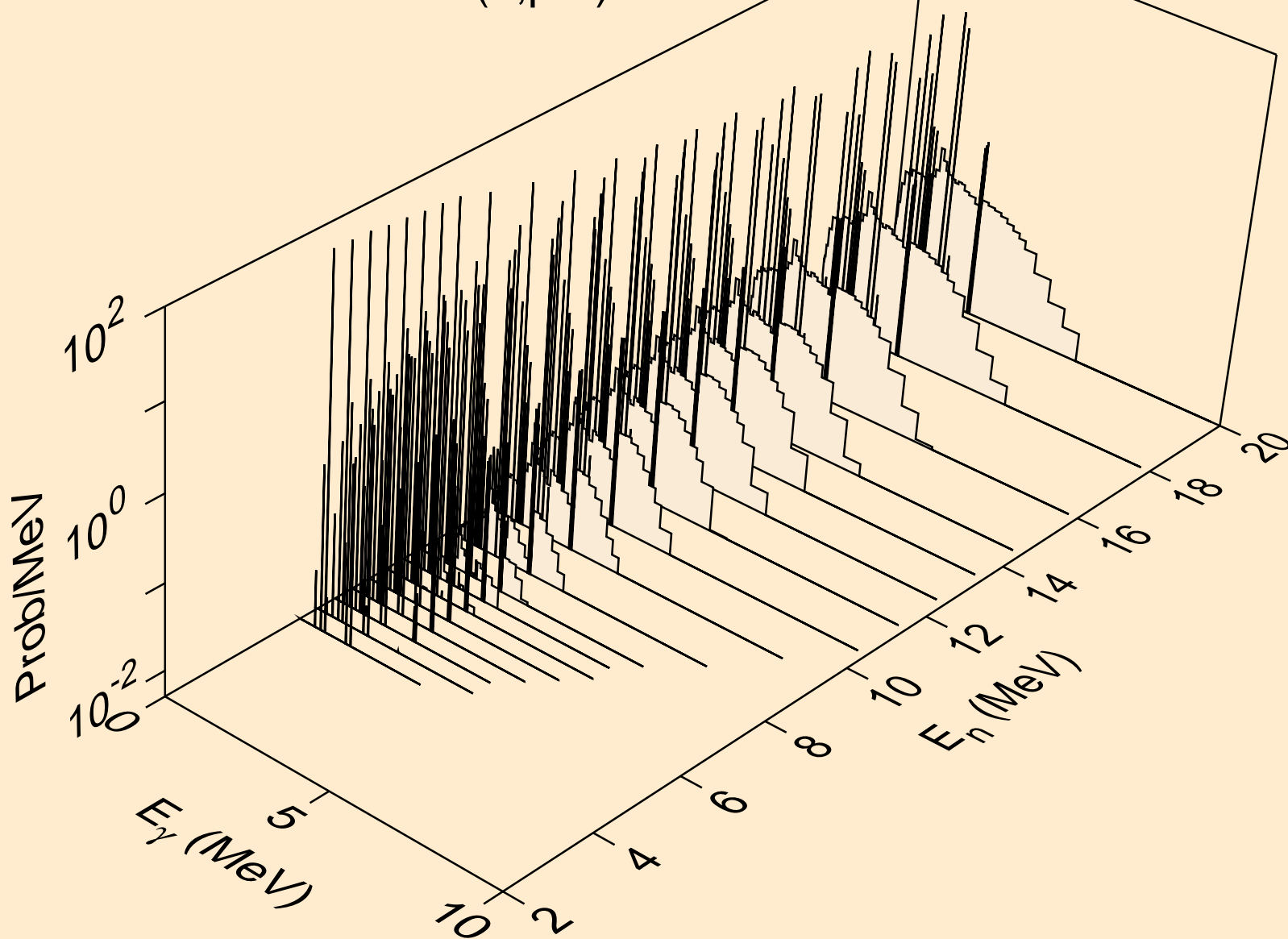
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,p\*9)



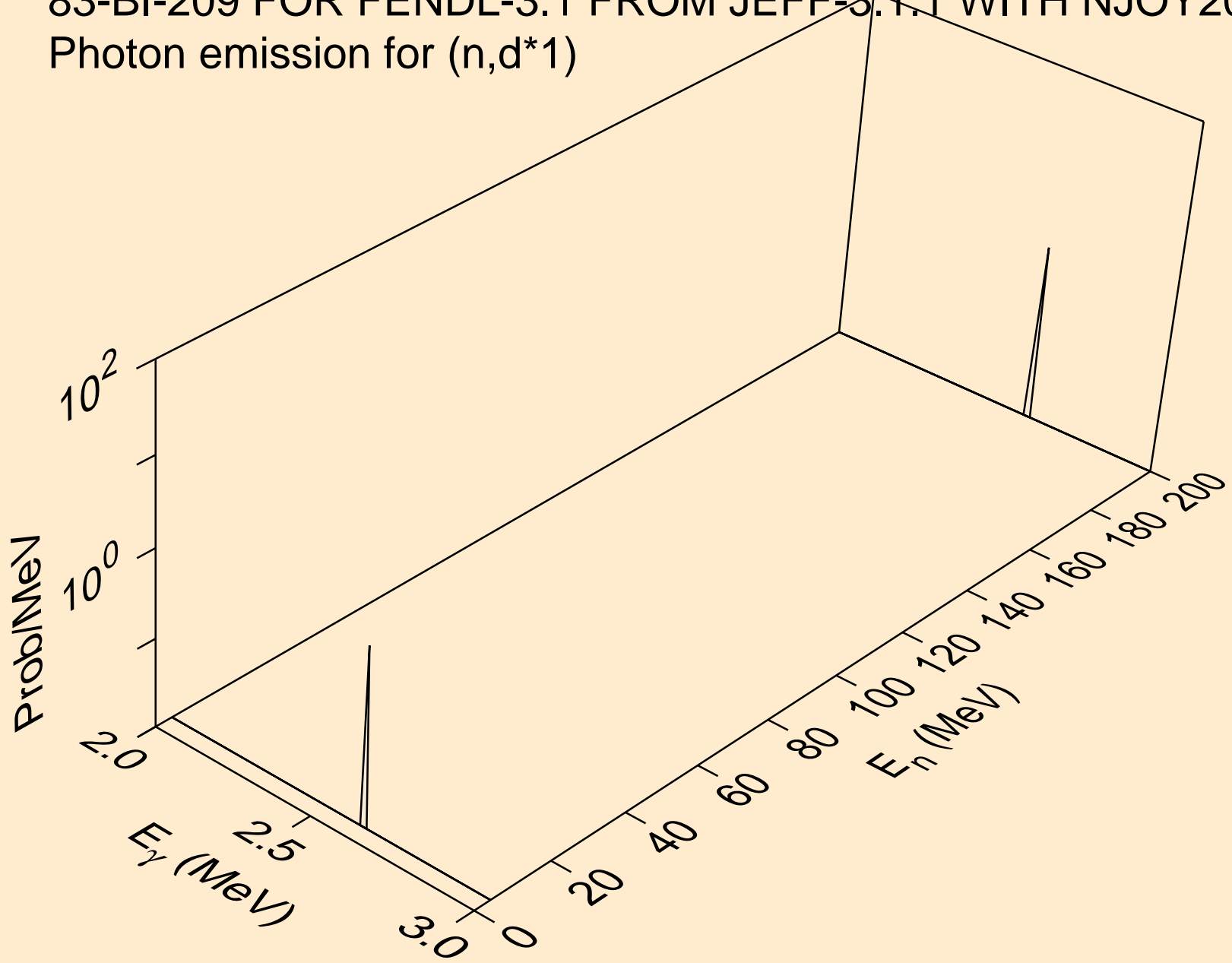
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,p\*10)



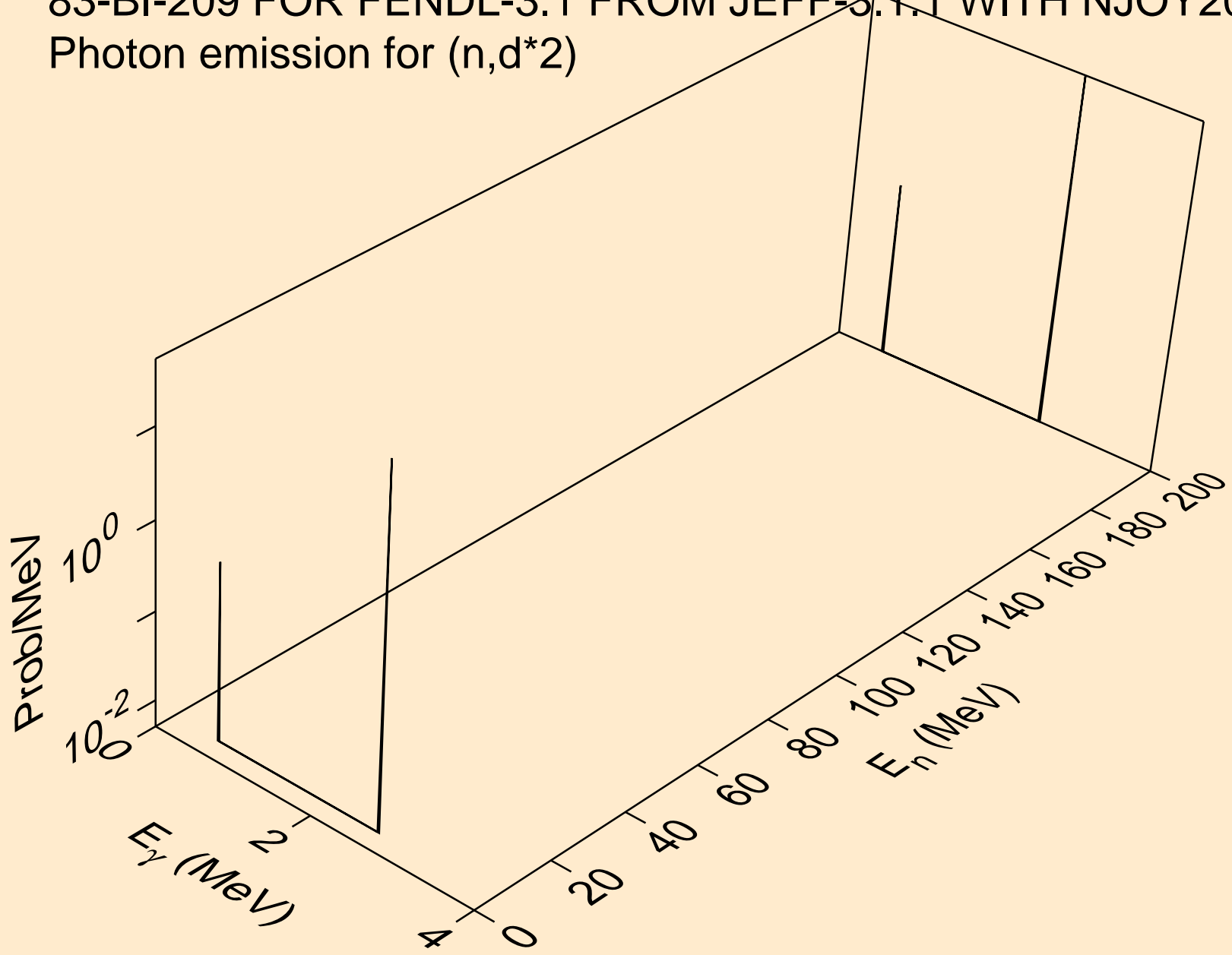
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,p\*c)



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,d\*1)

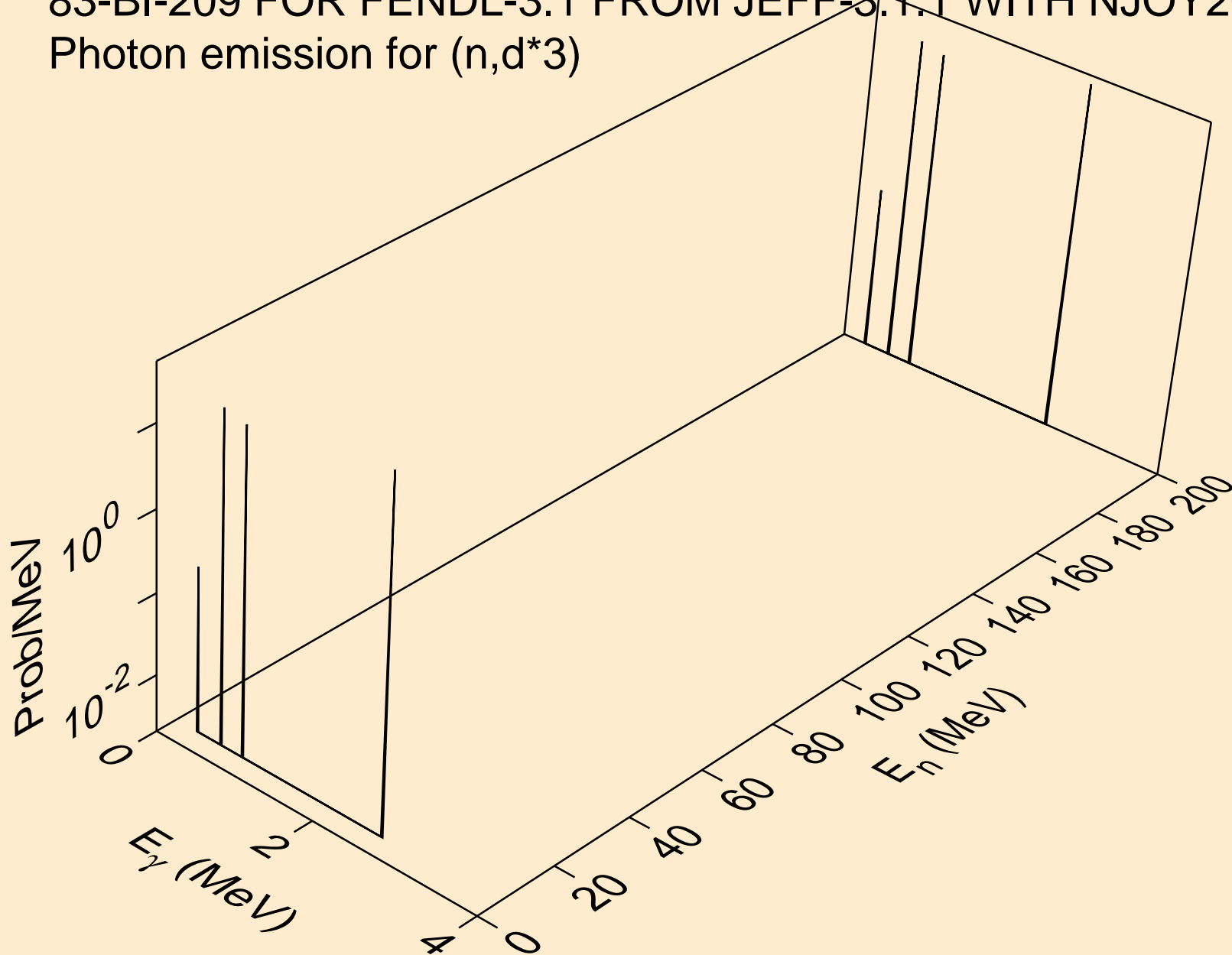


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,d\*2)

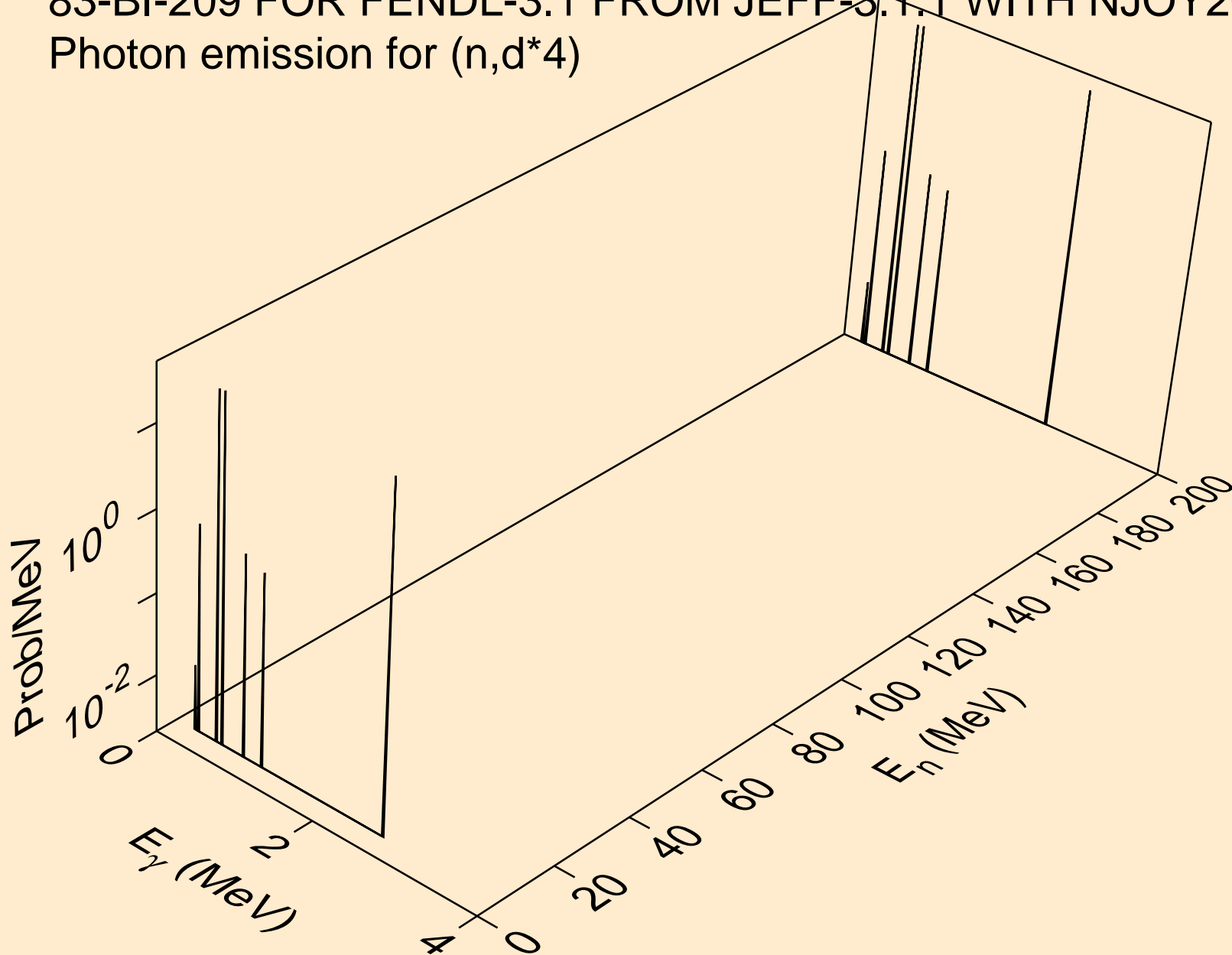




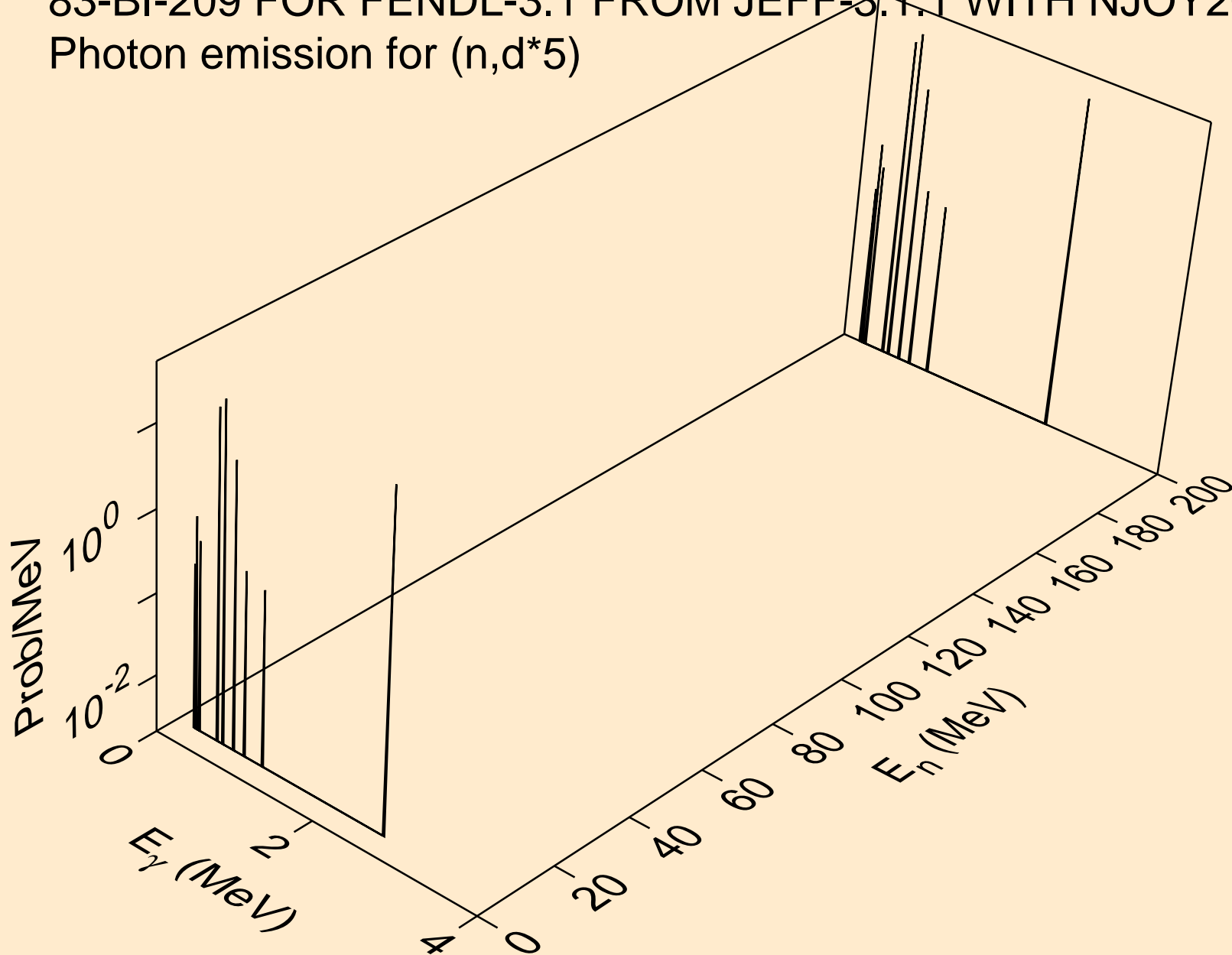
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,d\*3)



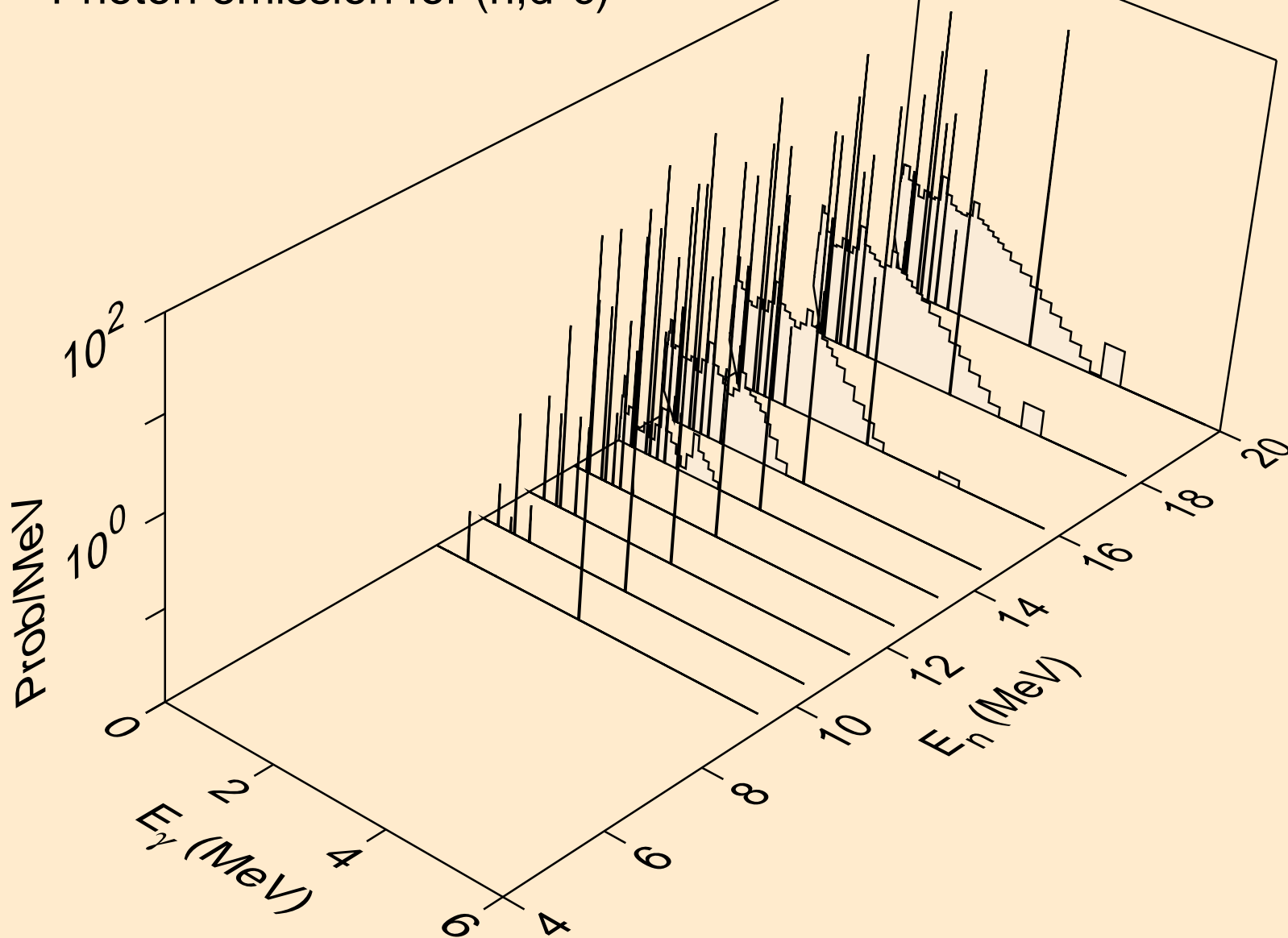
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,d\*4)



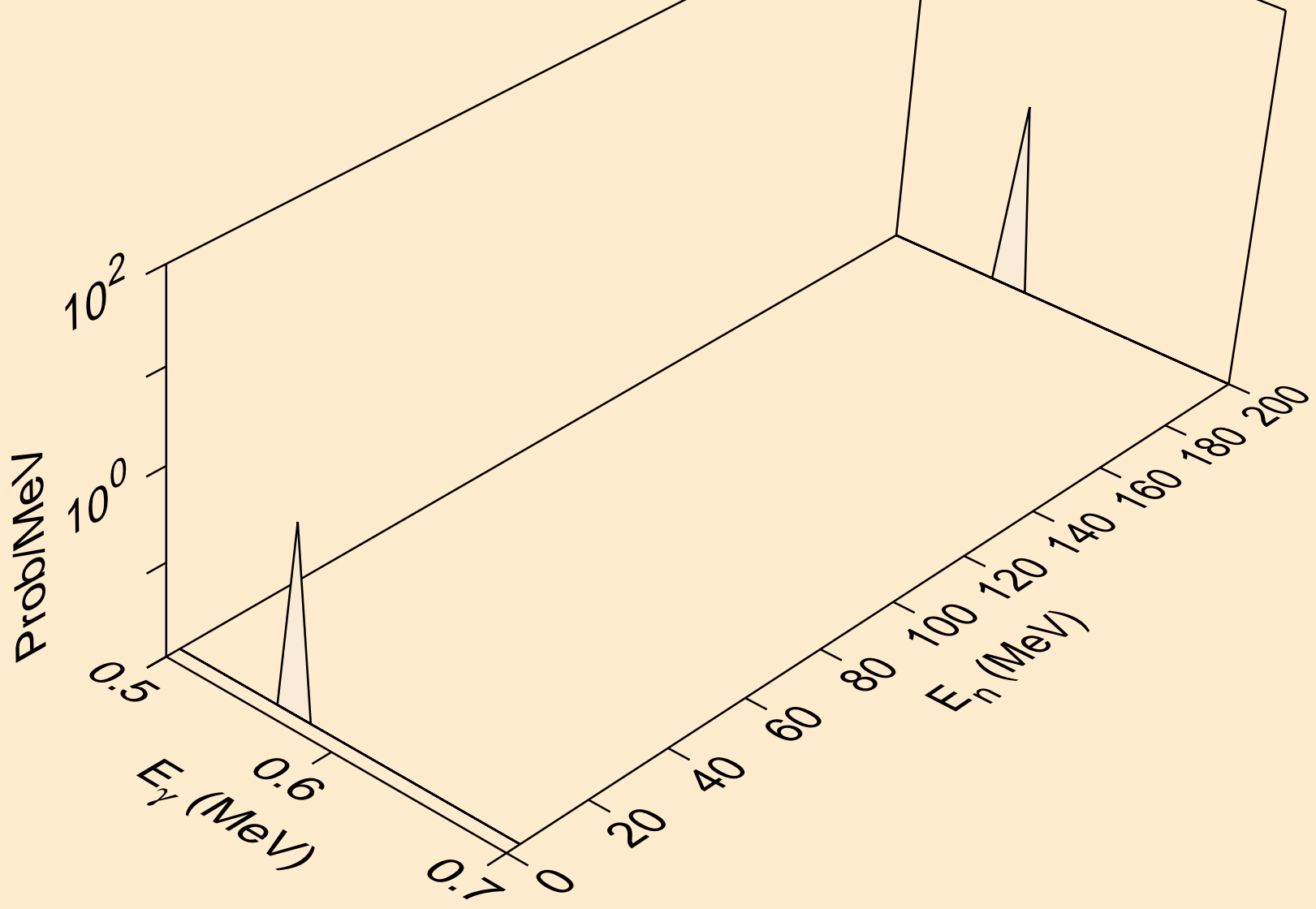
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,d\*5)



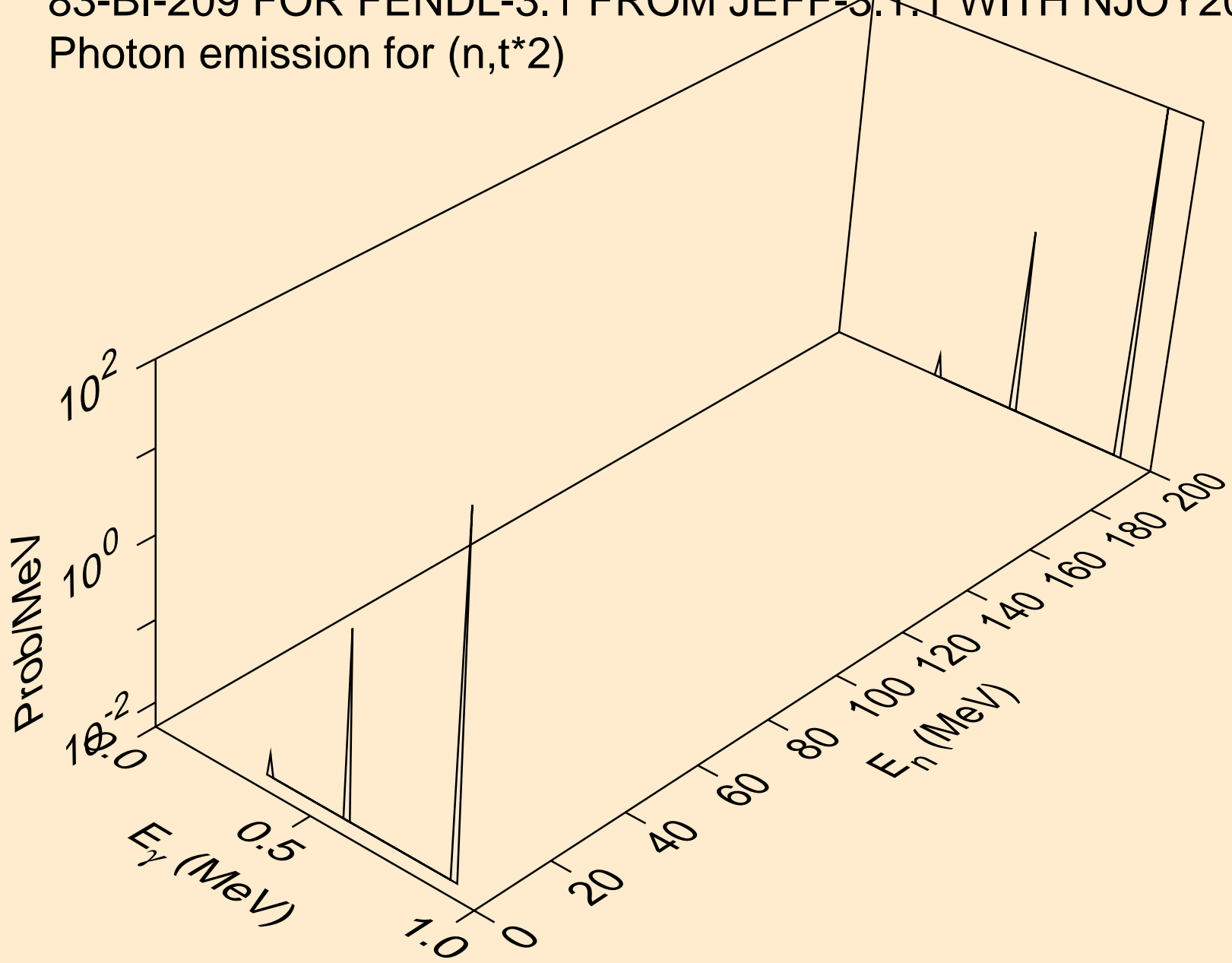
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,d\*c)



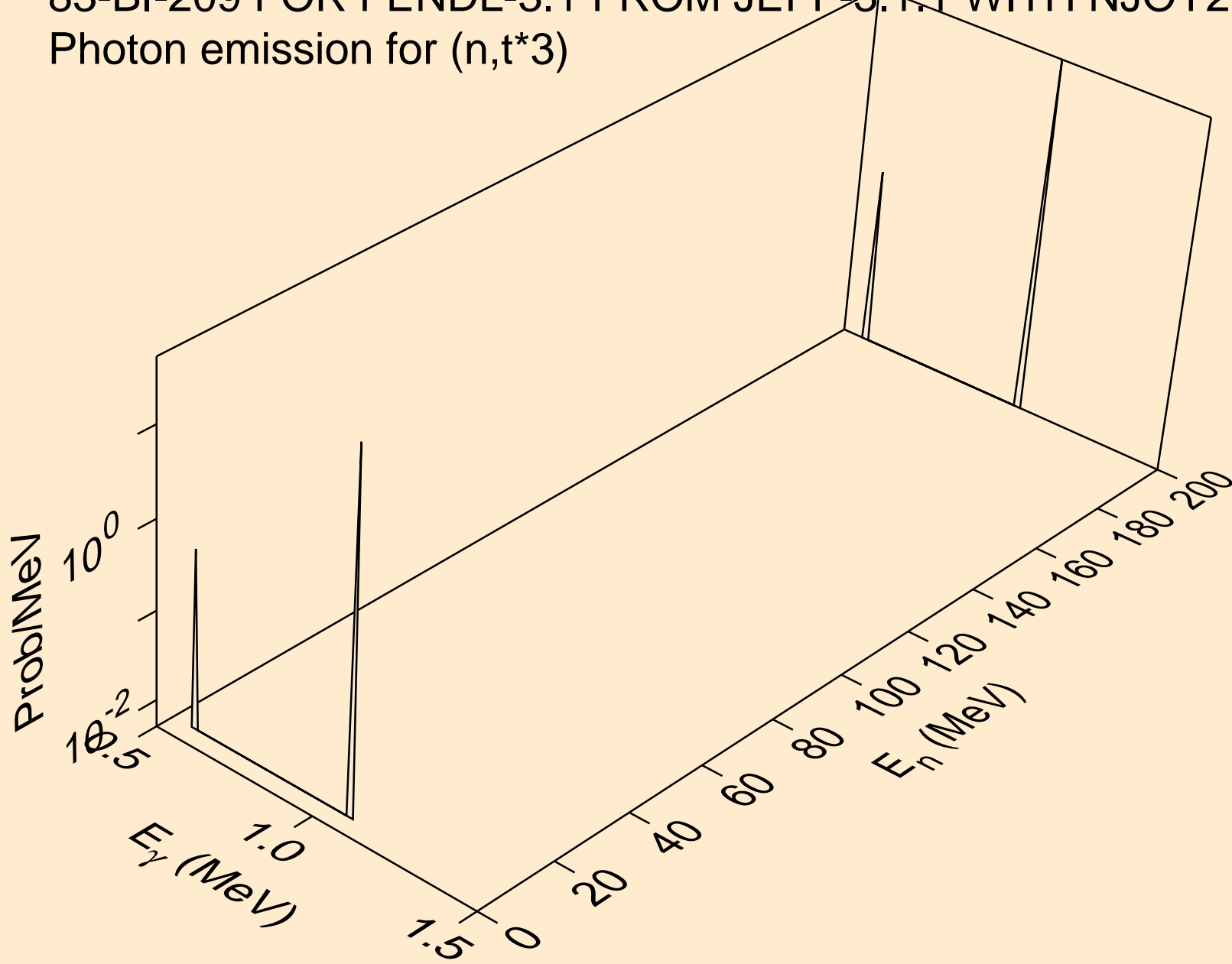
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,t\*1)



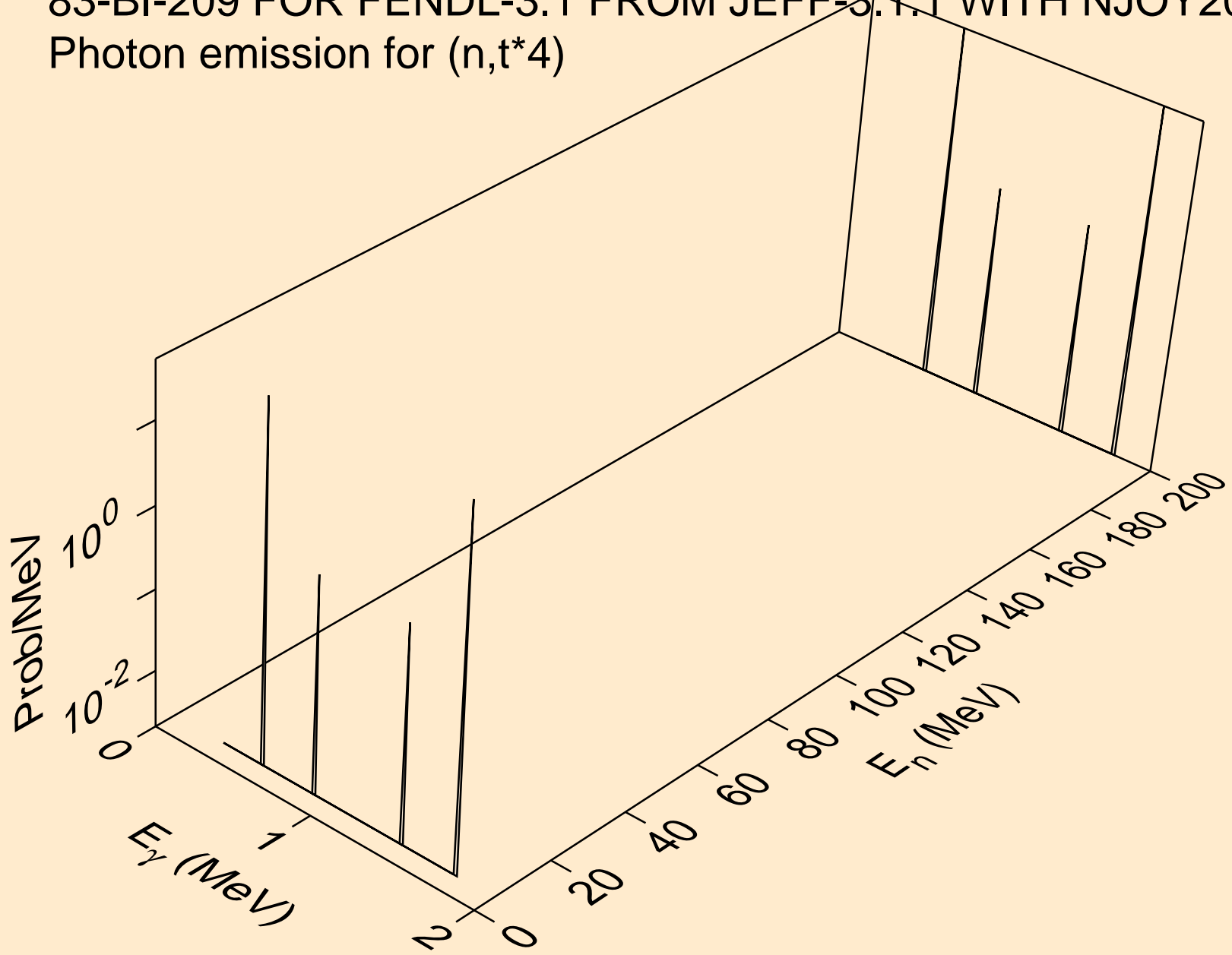
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,t\*2)



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,t\*3)

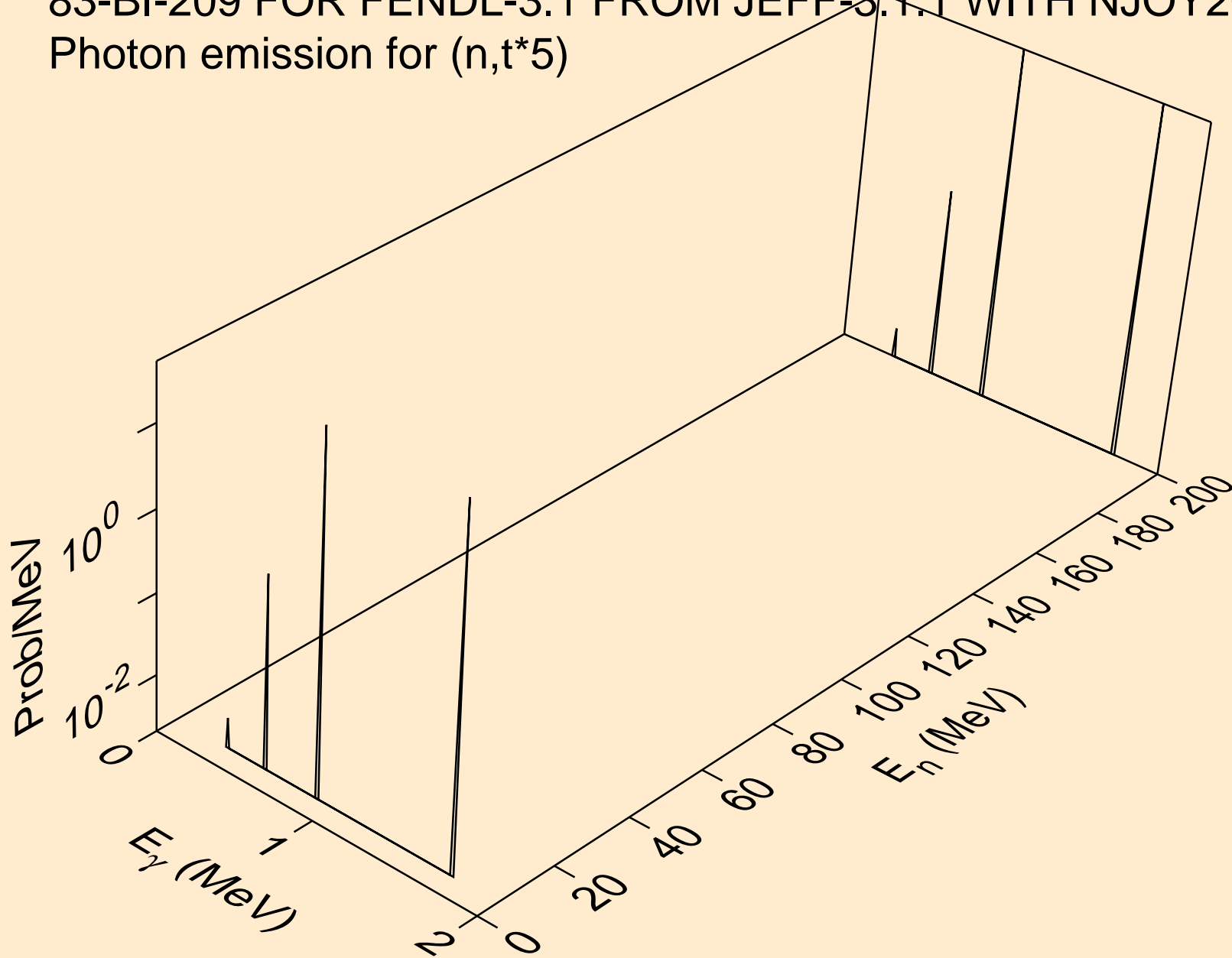


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,t\*4)

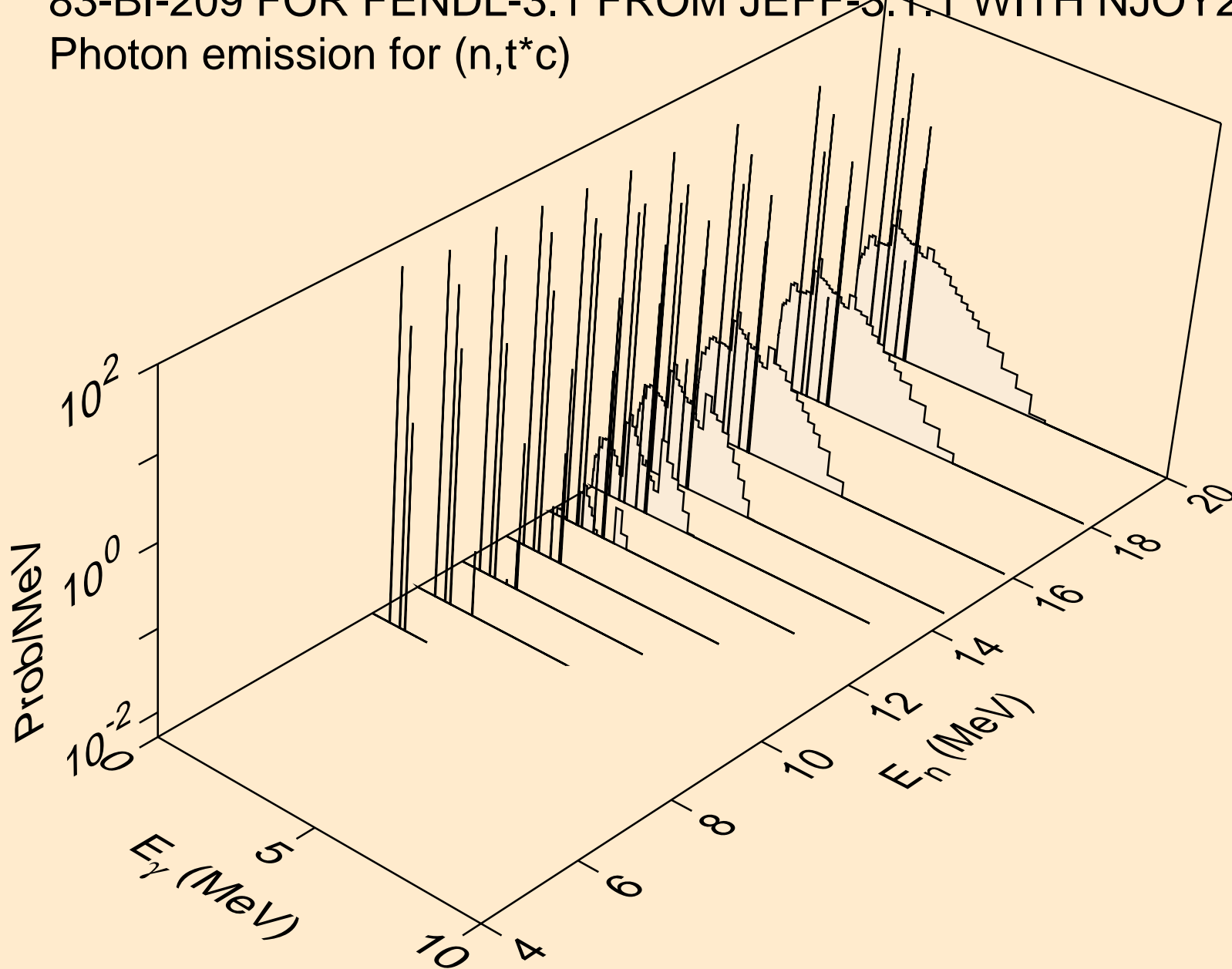




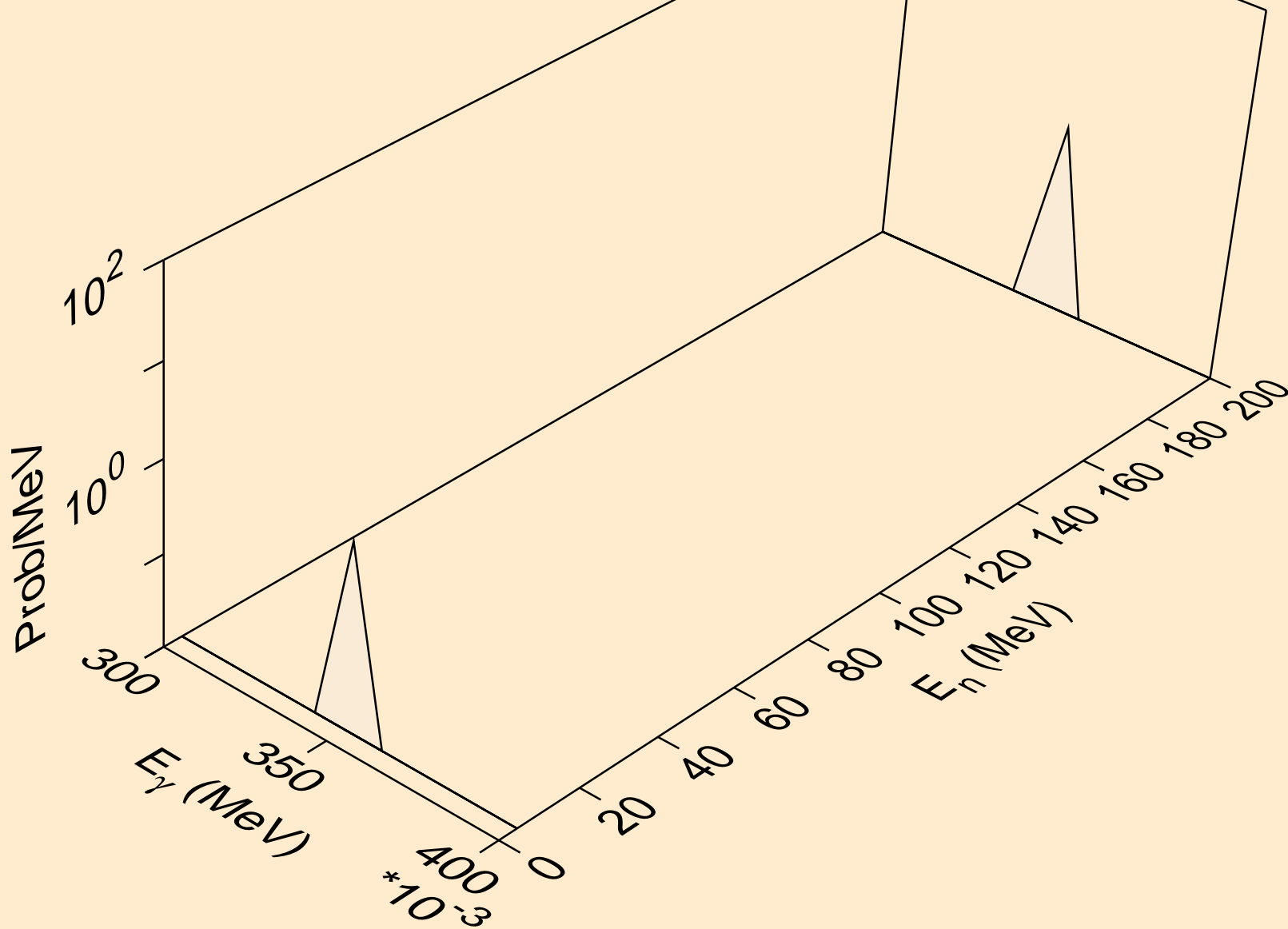
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,t\*5)



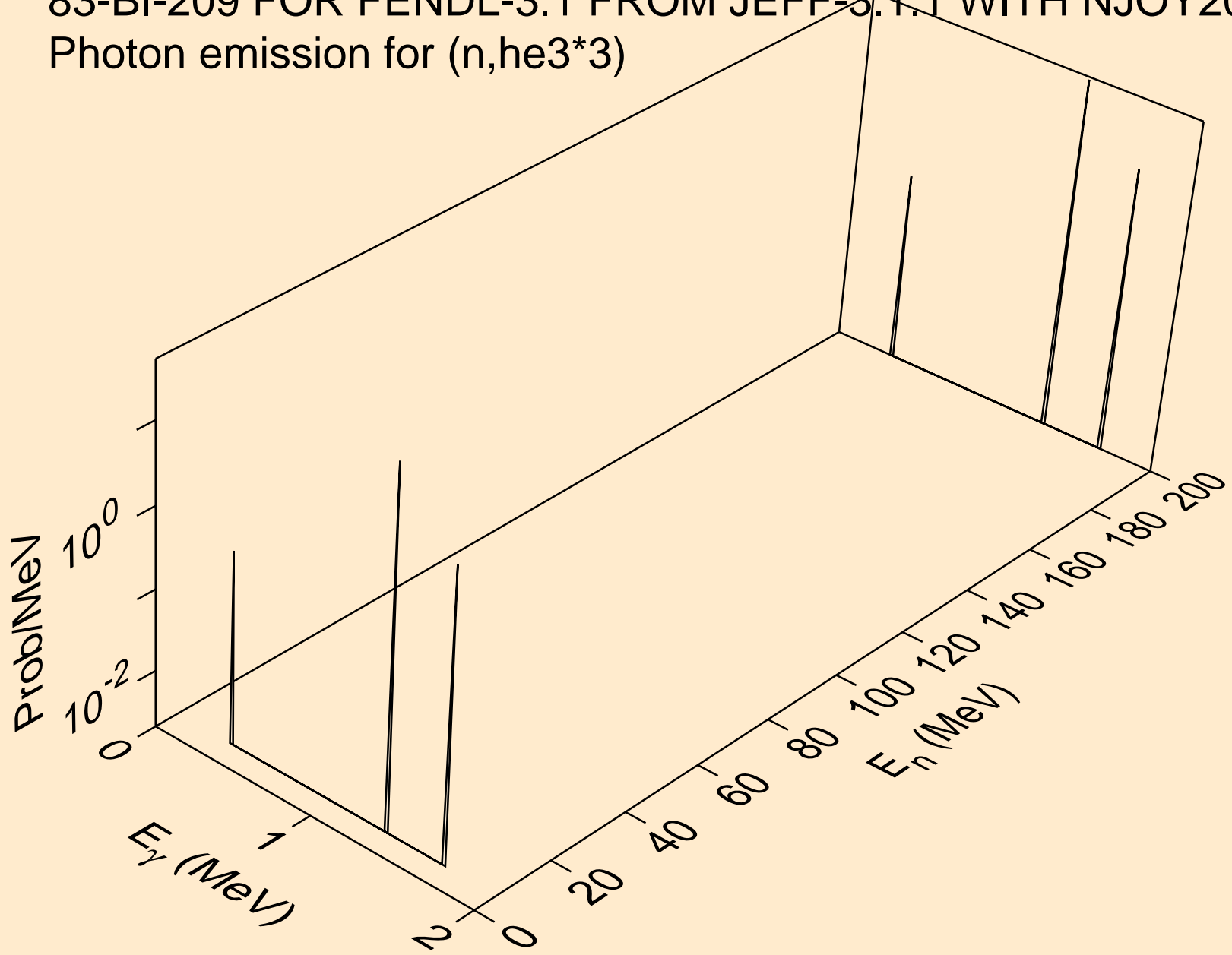
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,t\*c)



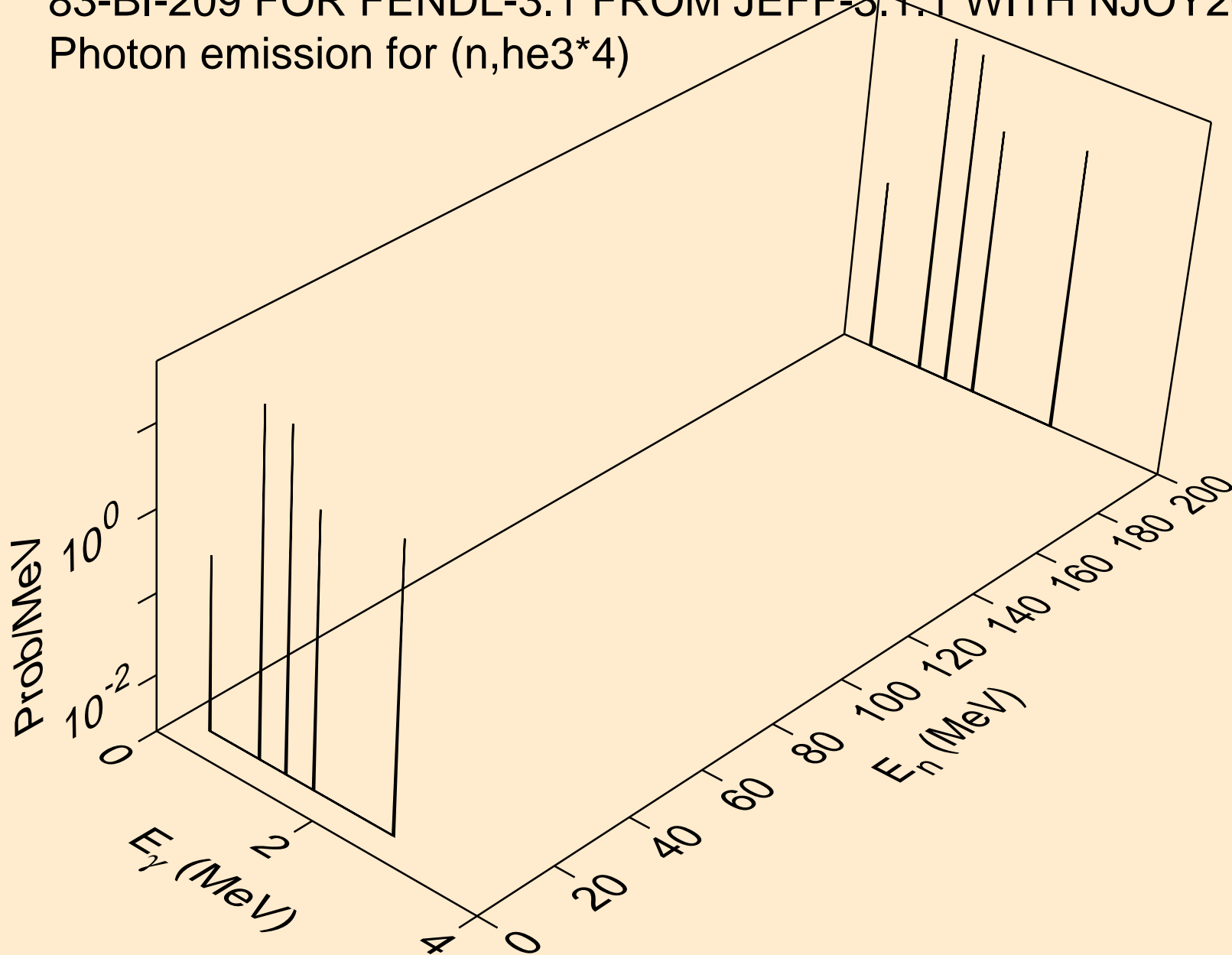
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,he3\*1)



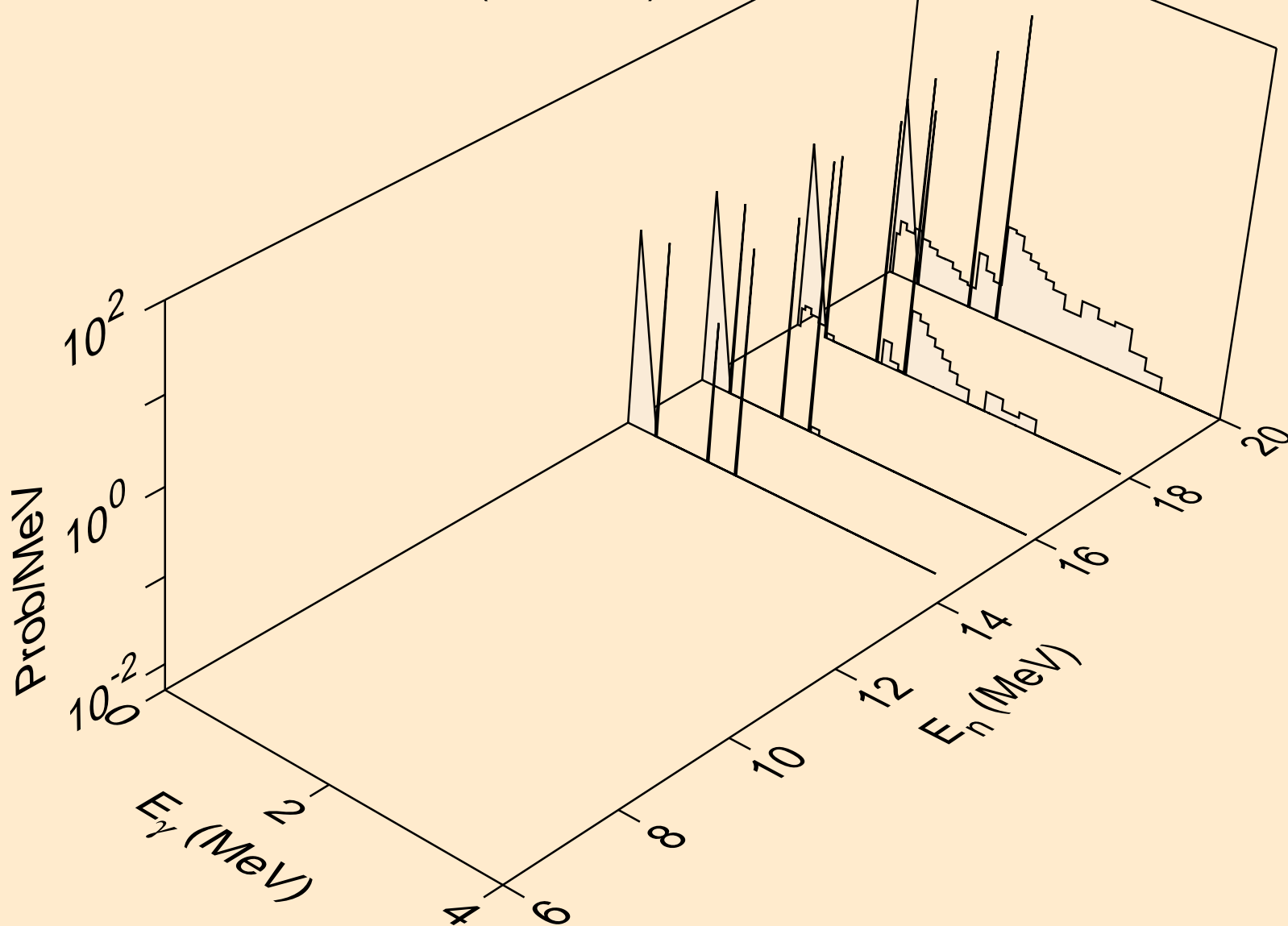
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,he3\*3)



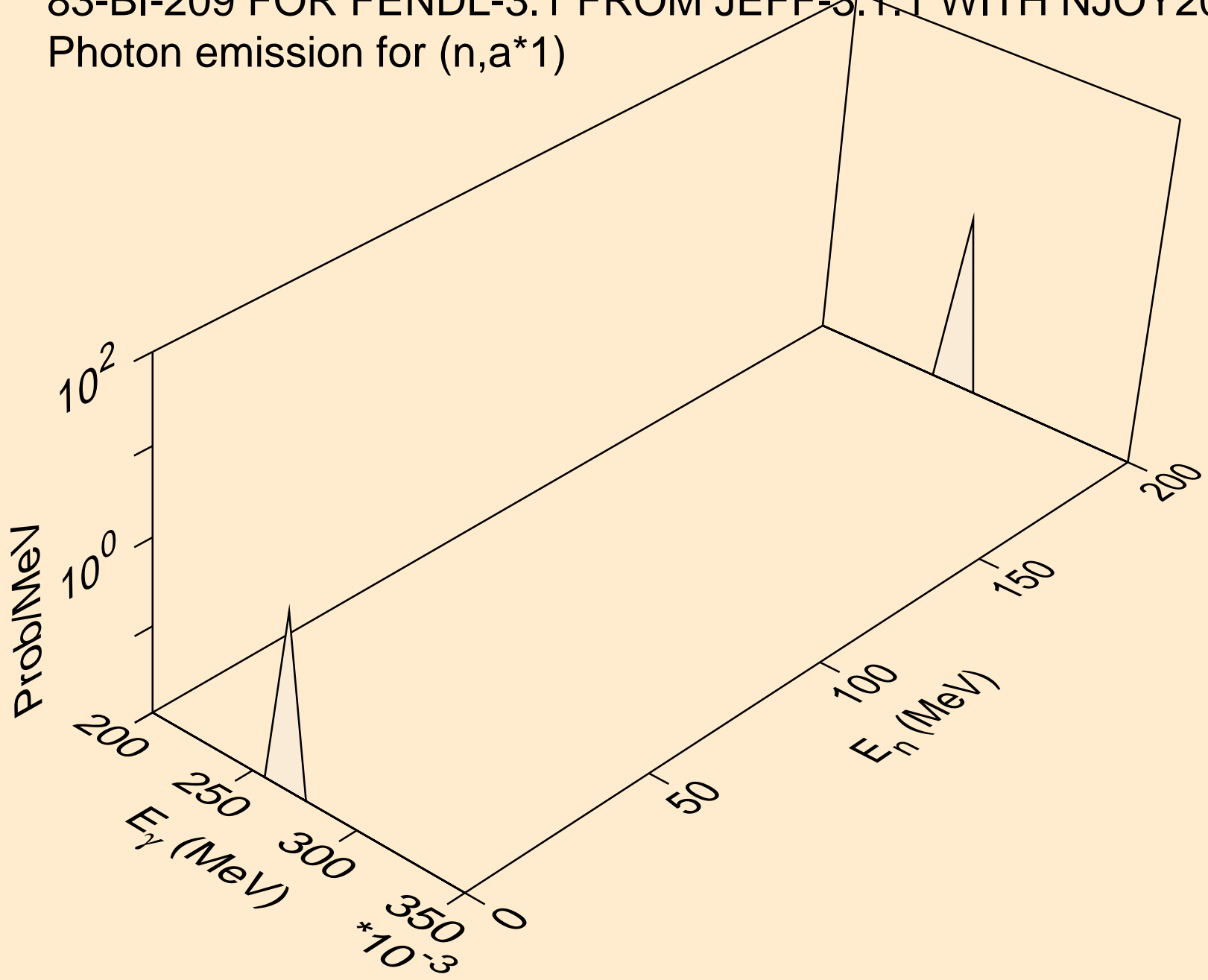
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,he3\*4)



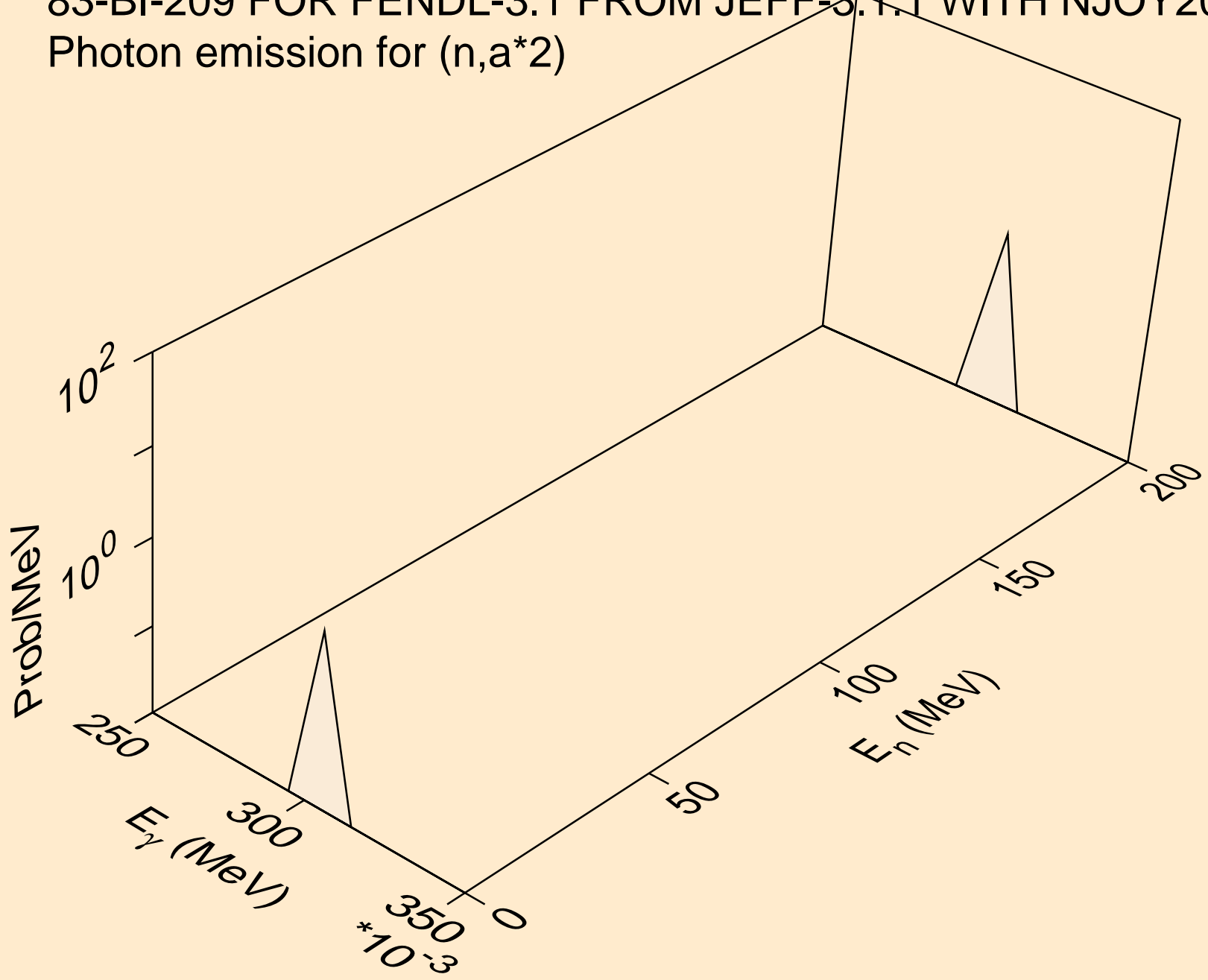
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,he3\*c)



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,a\*1)

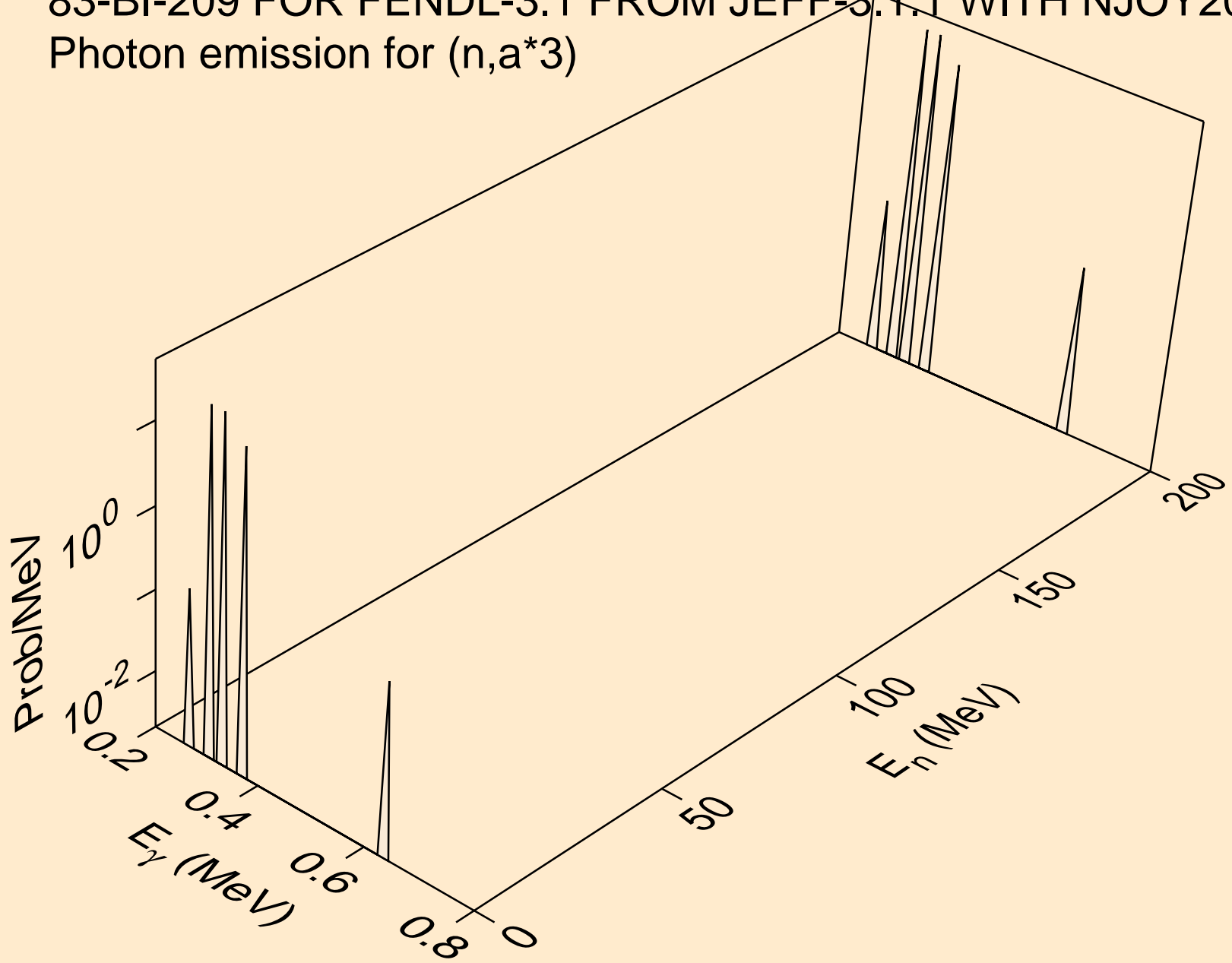


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,a\*2)

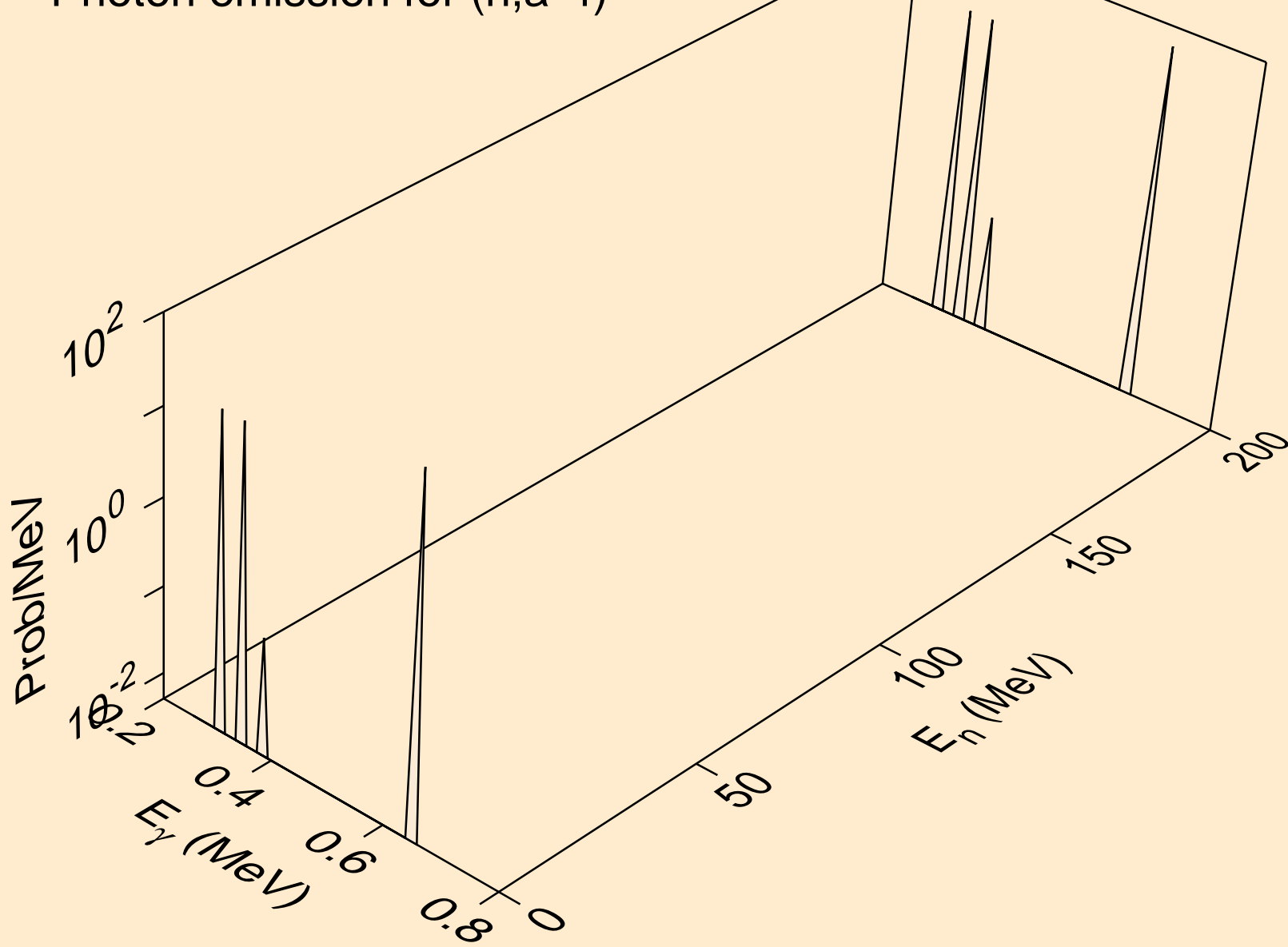




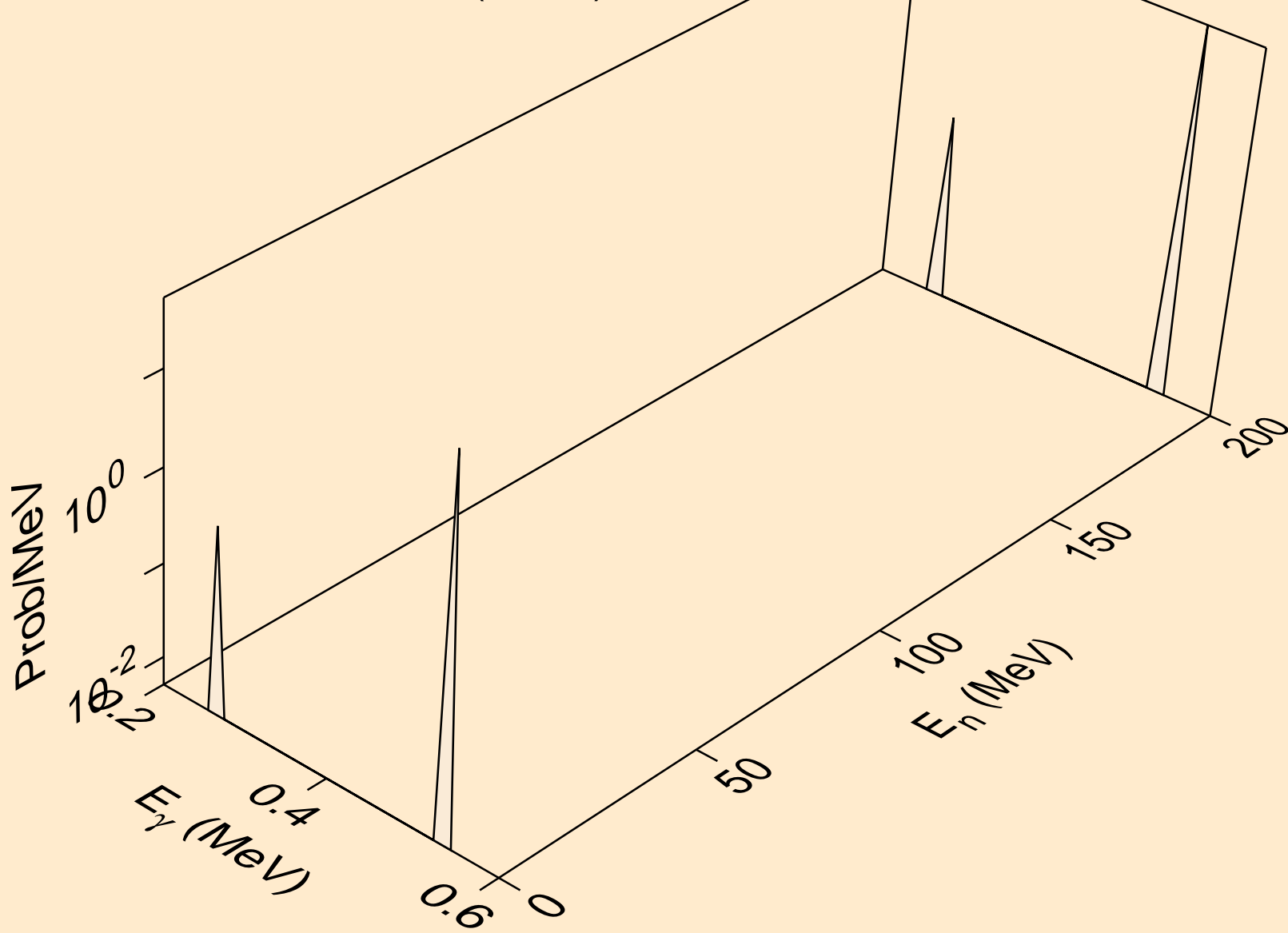
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,a\*3)



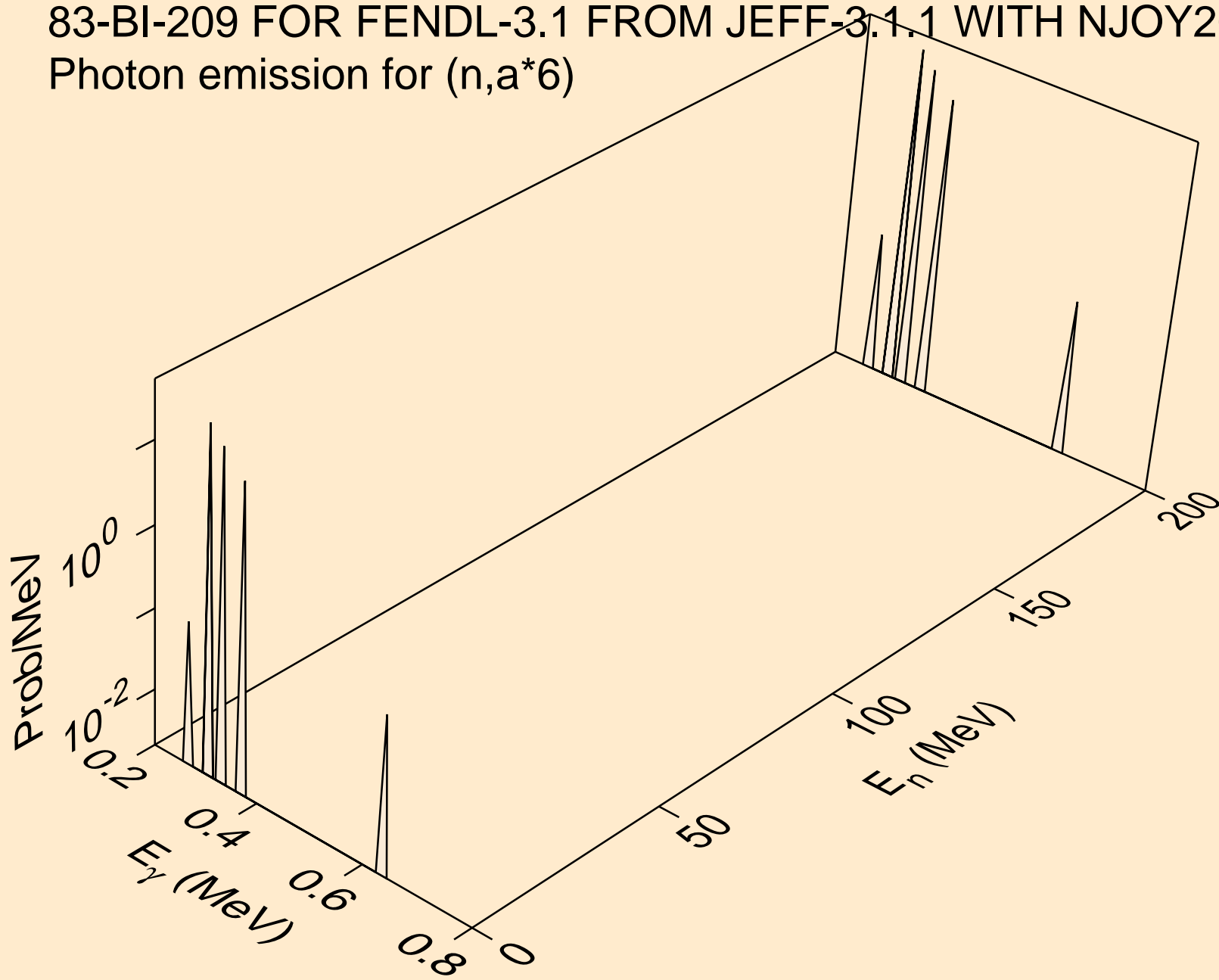
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,a\*4)



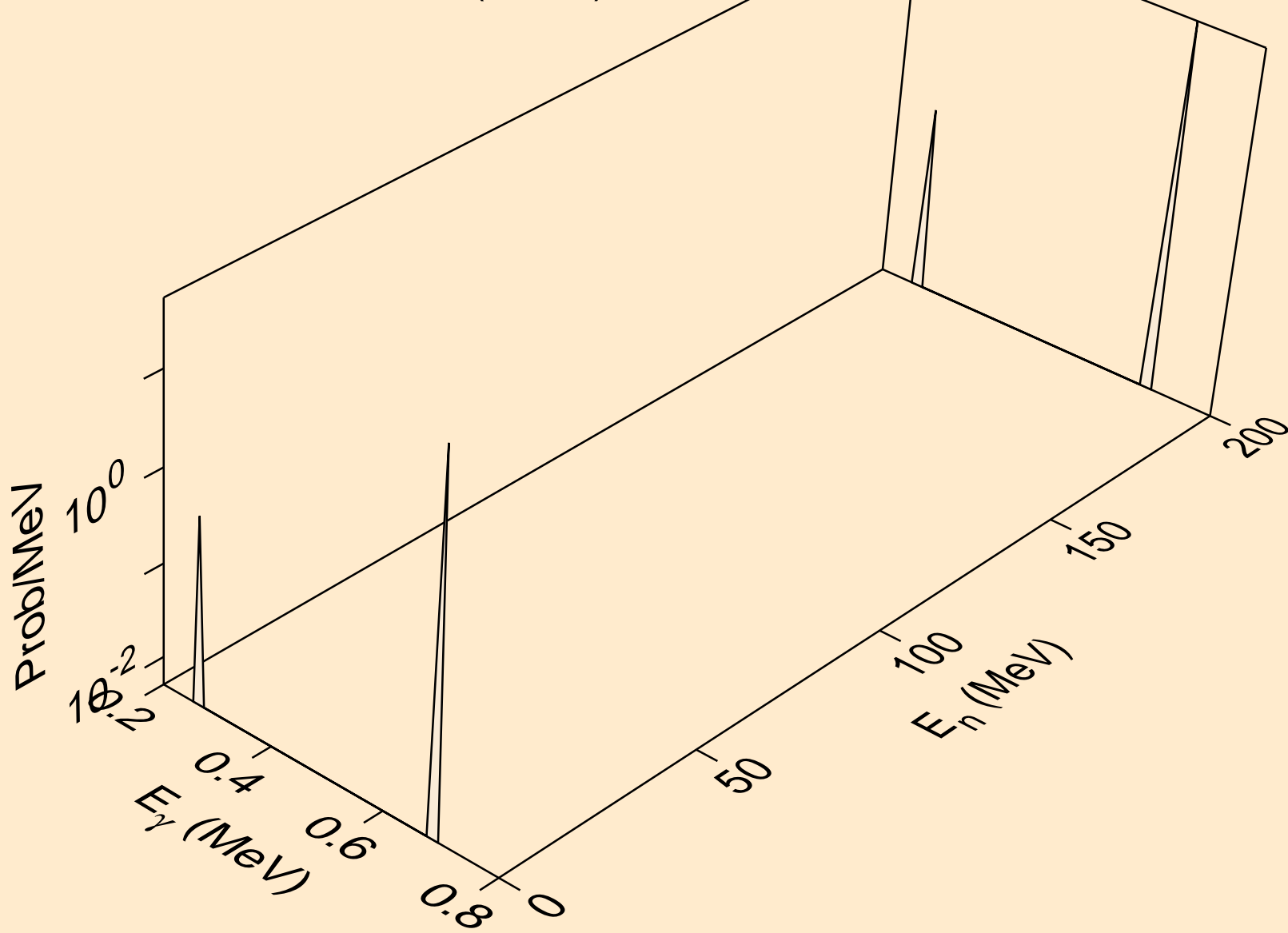
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,a\*5)



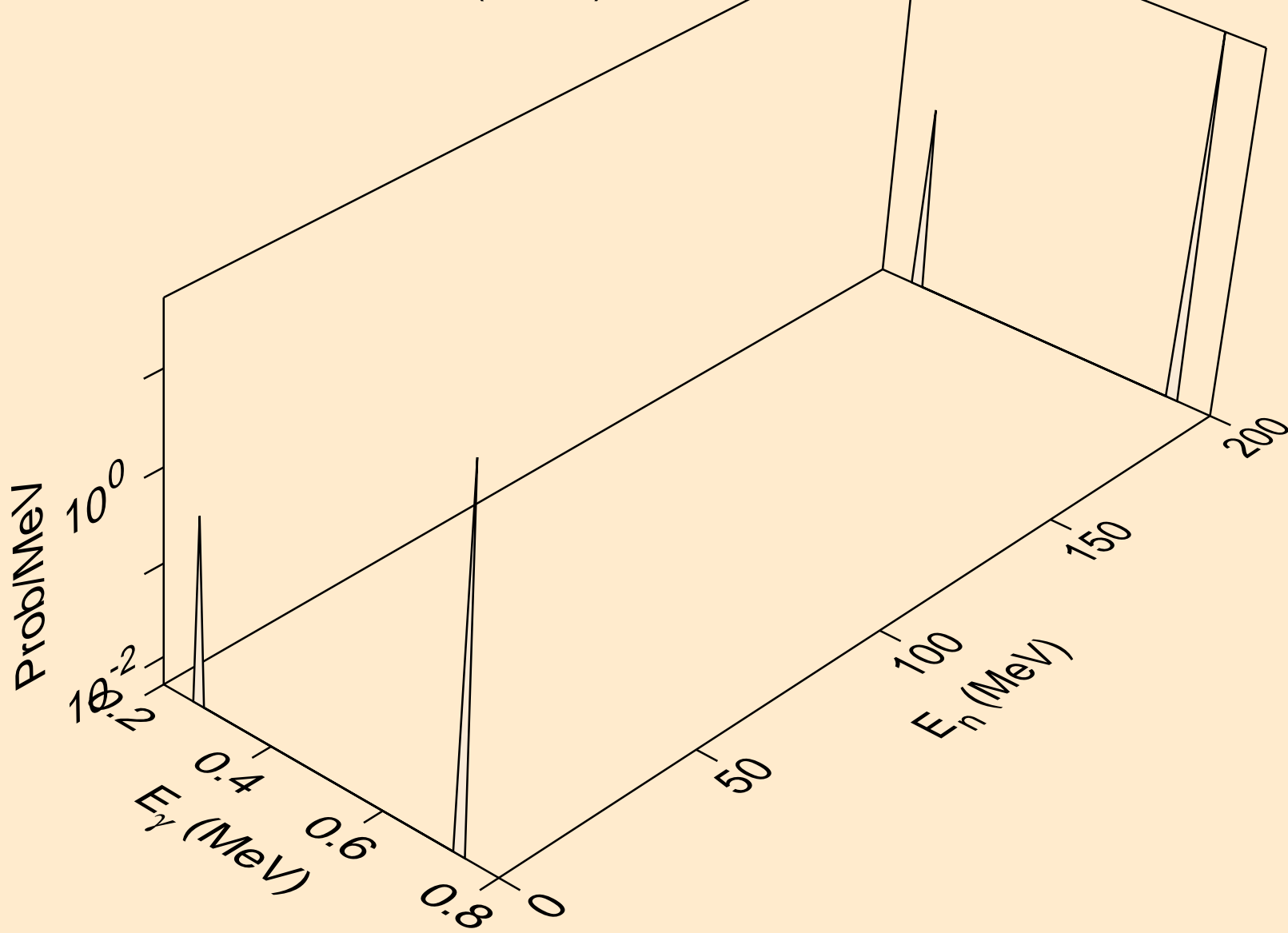
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,a\*6)



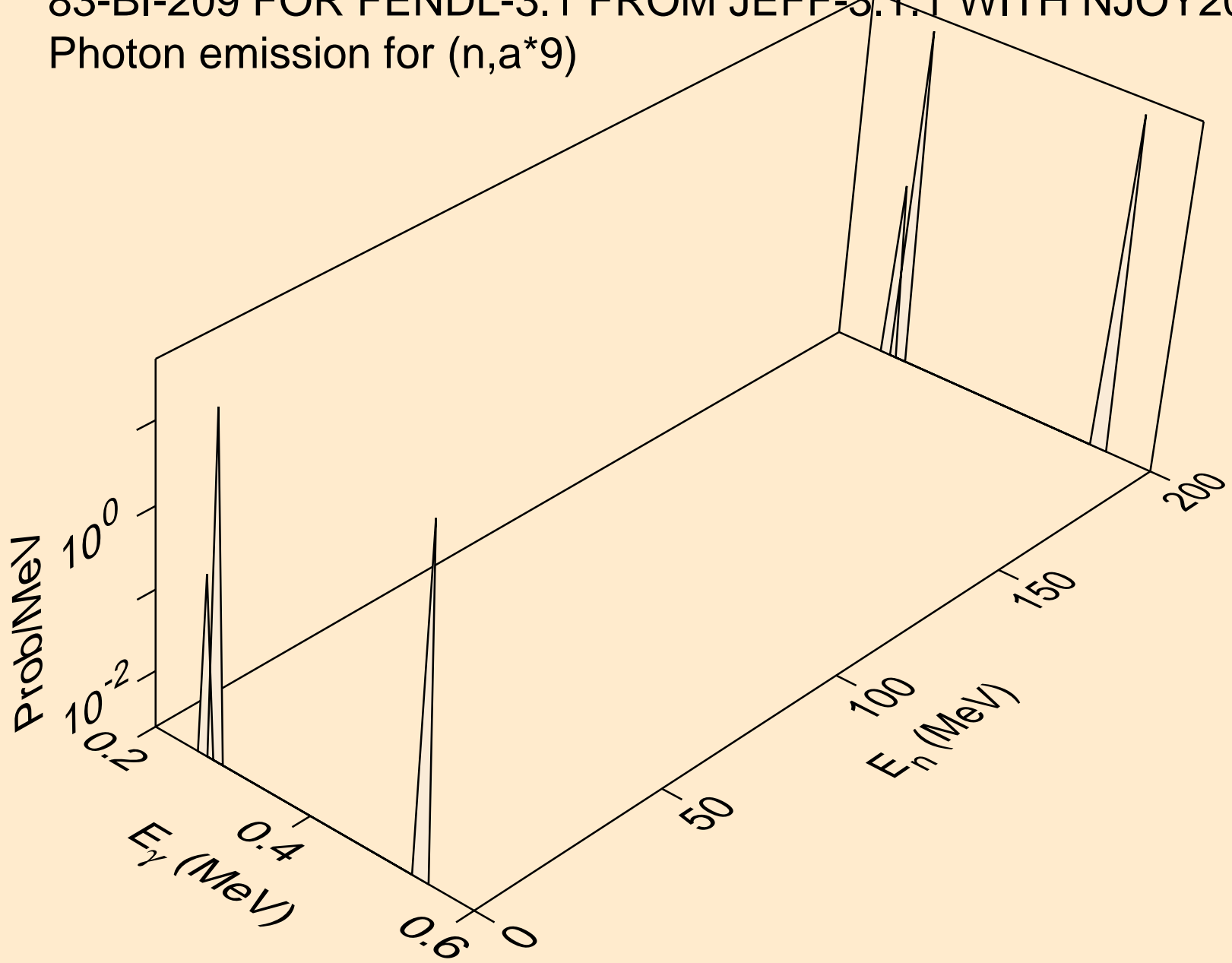
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,a\*7)



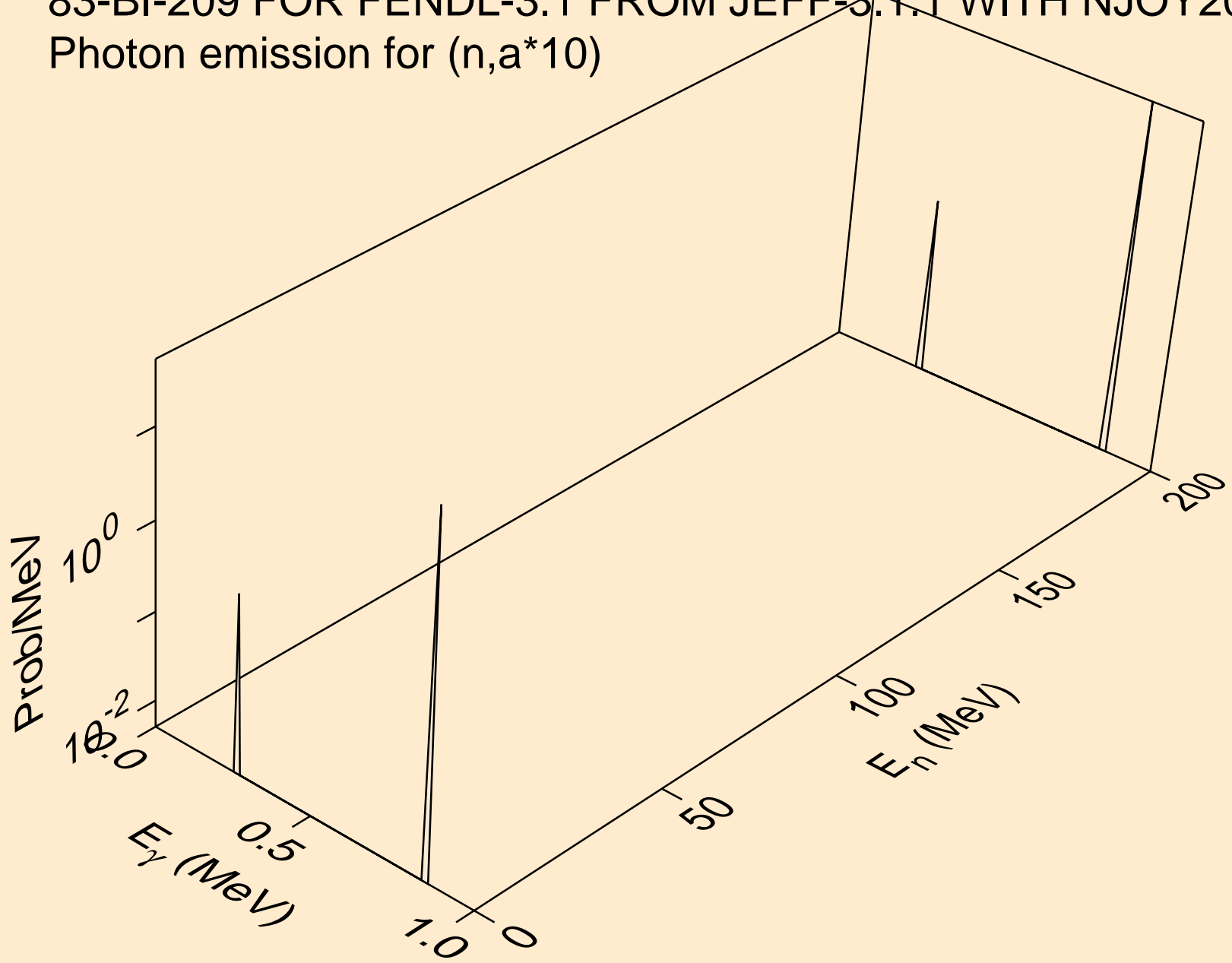
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,a\*8)



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,a\*9)

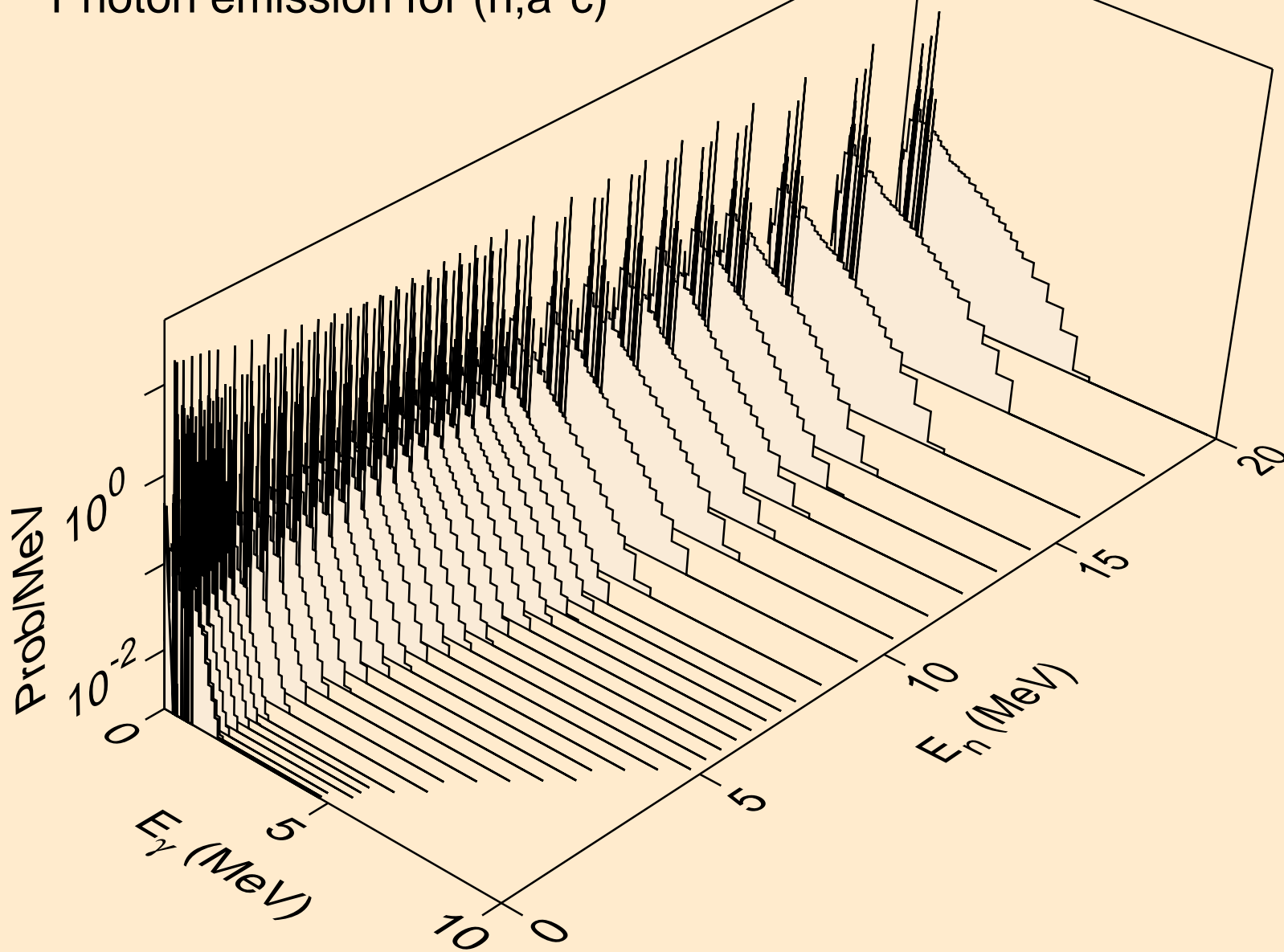


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,a\*10)

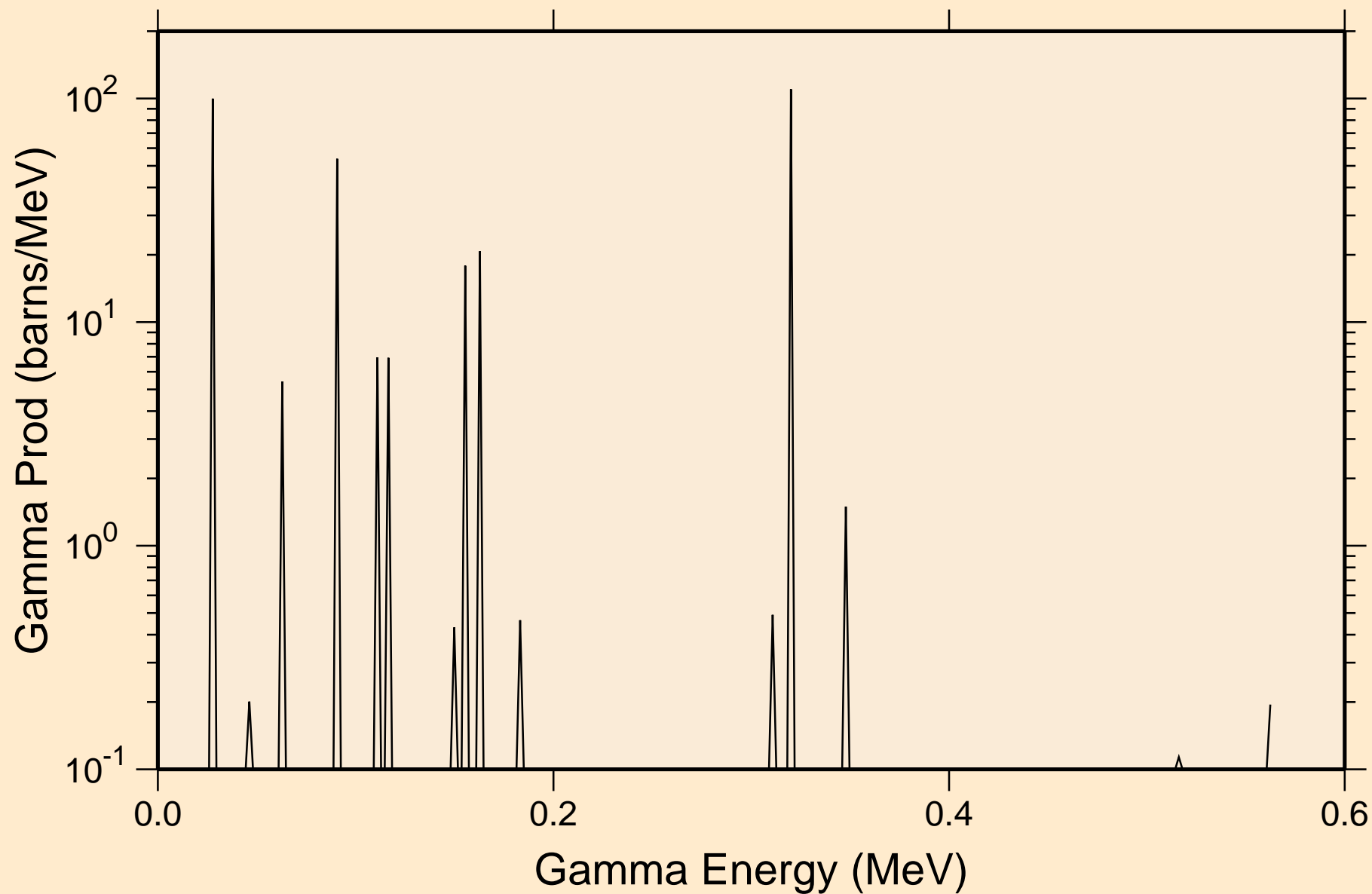




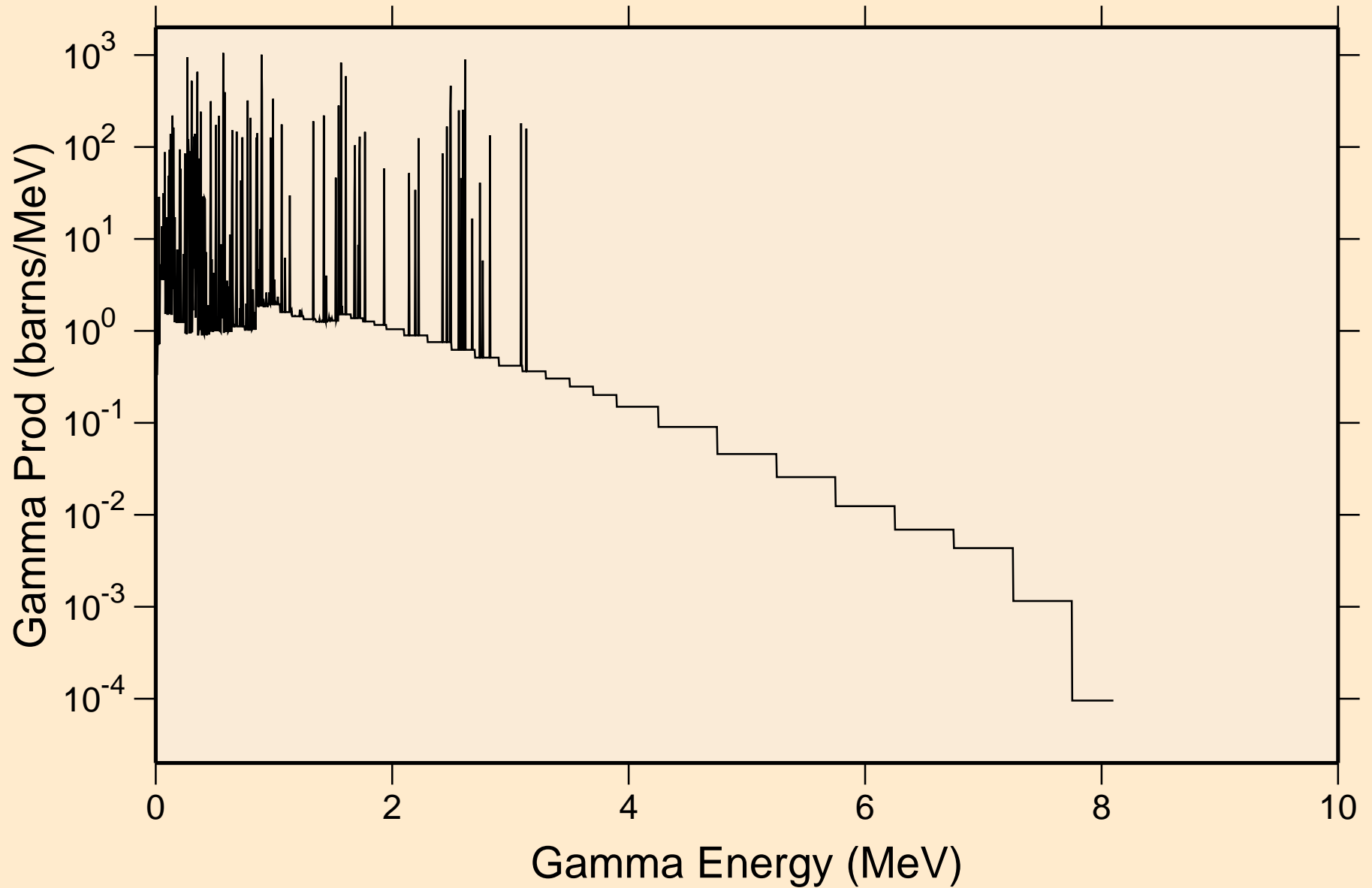
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Photon emission for (n,a\*c)



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
thermal capture photon spectrum

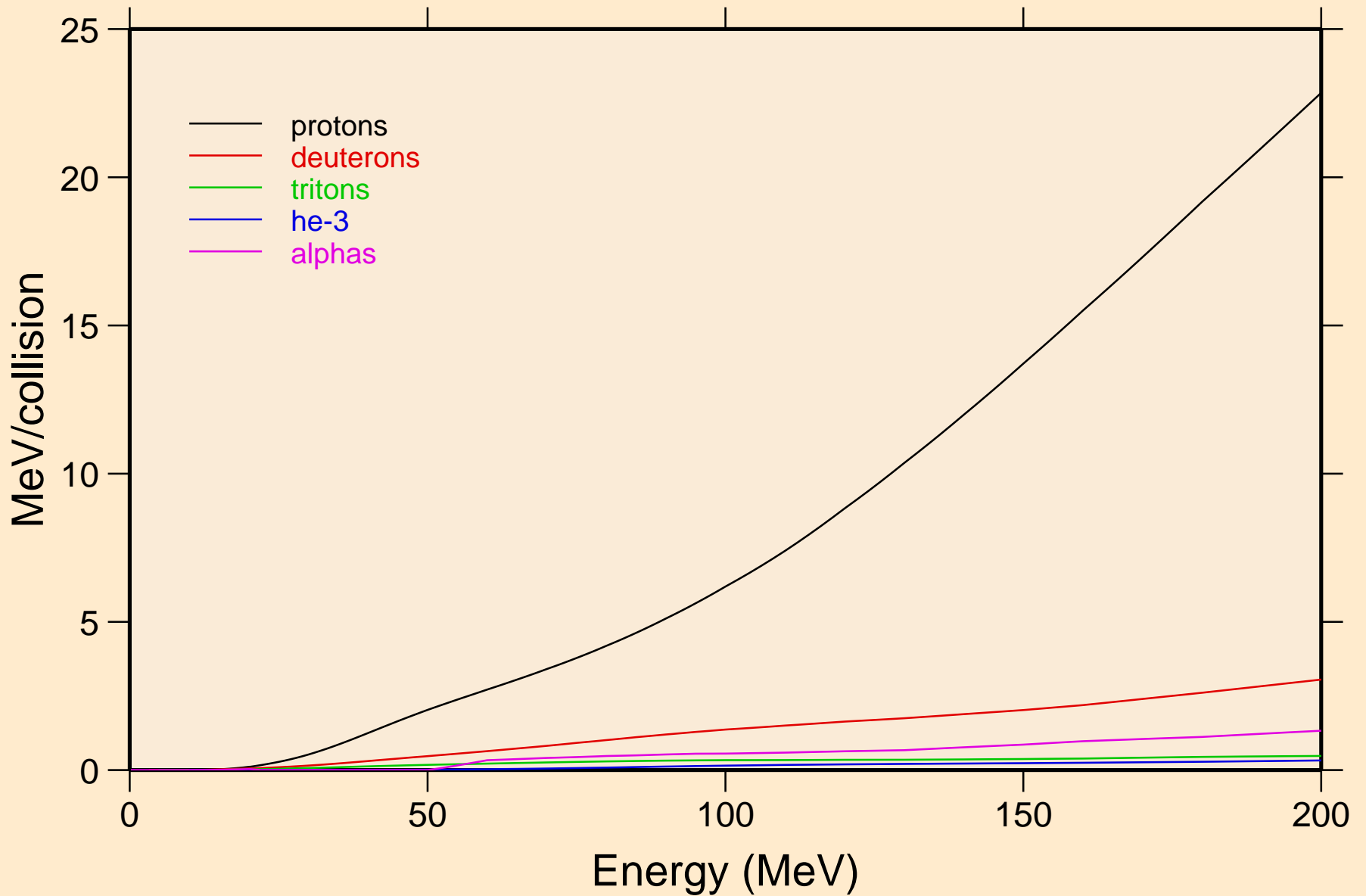


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
14 MeV photon spectrum



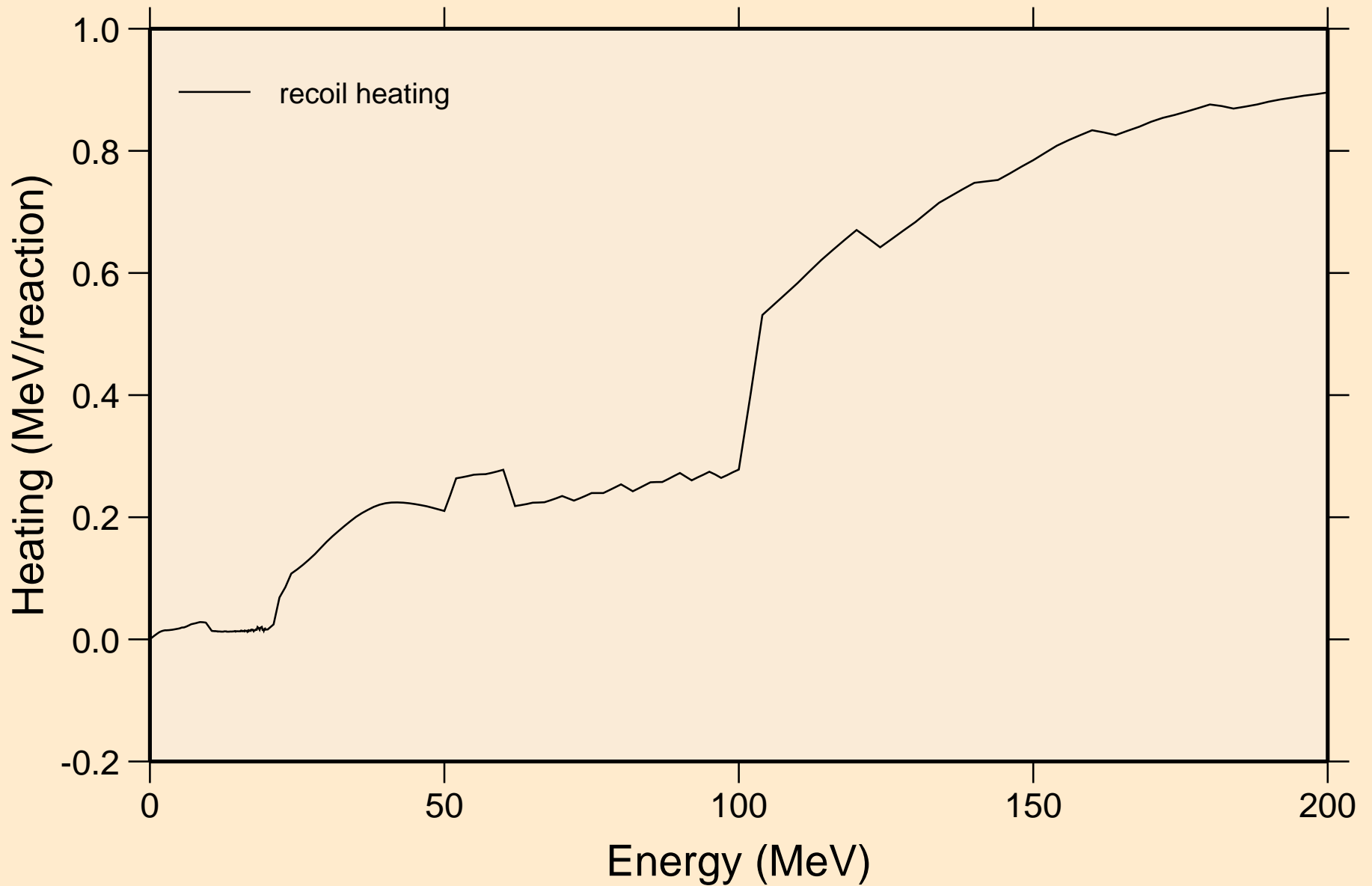
# 83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+

## Particle heating contributions

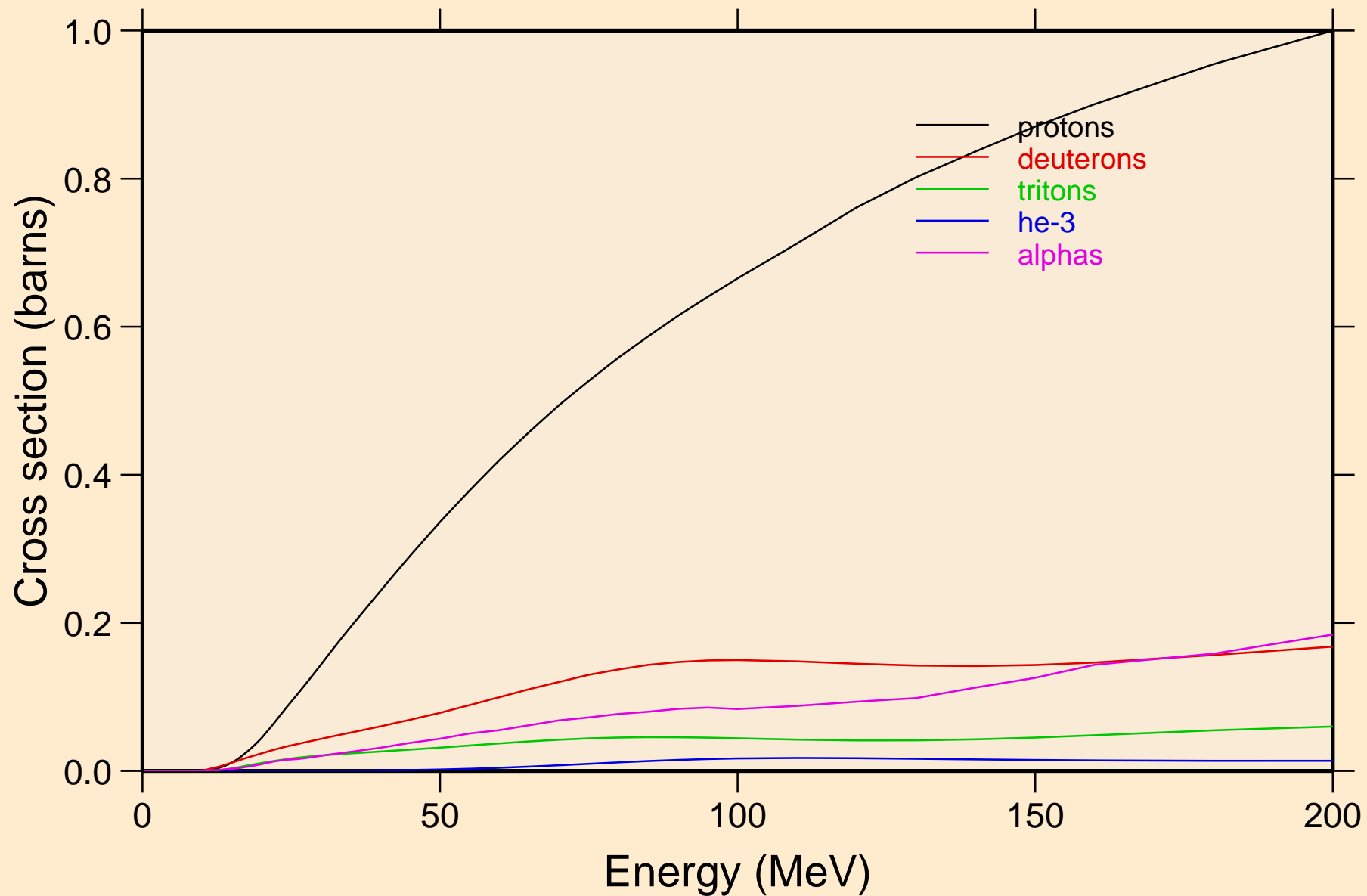


# 83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+

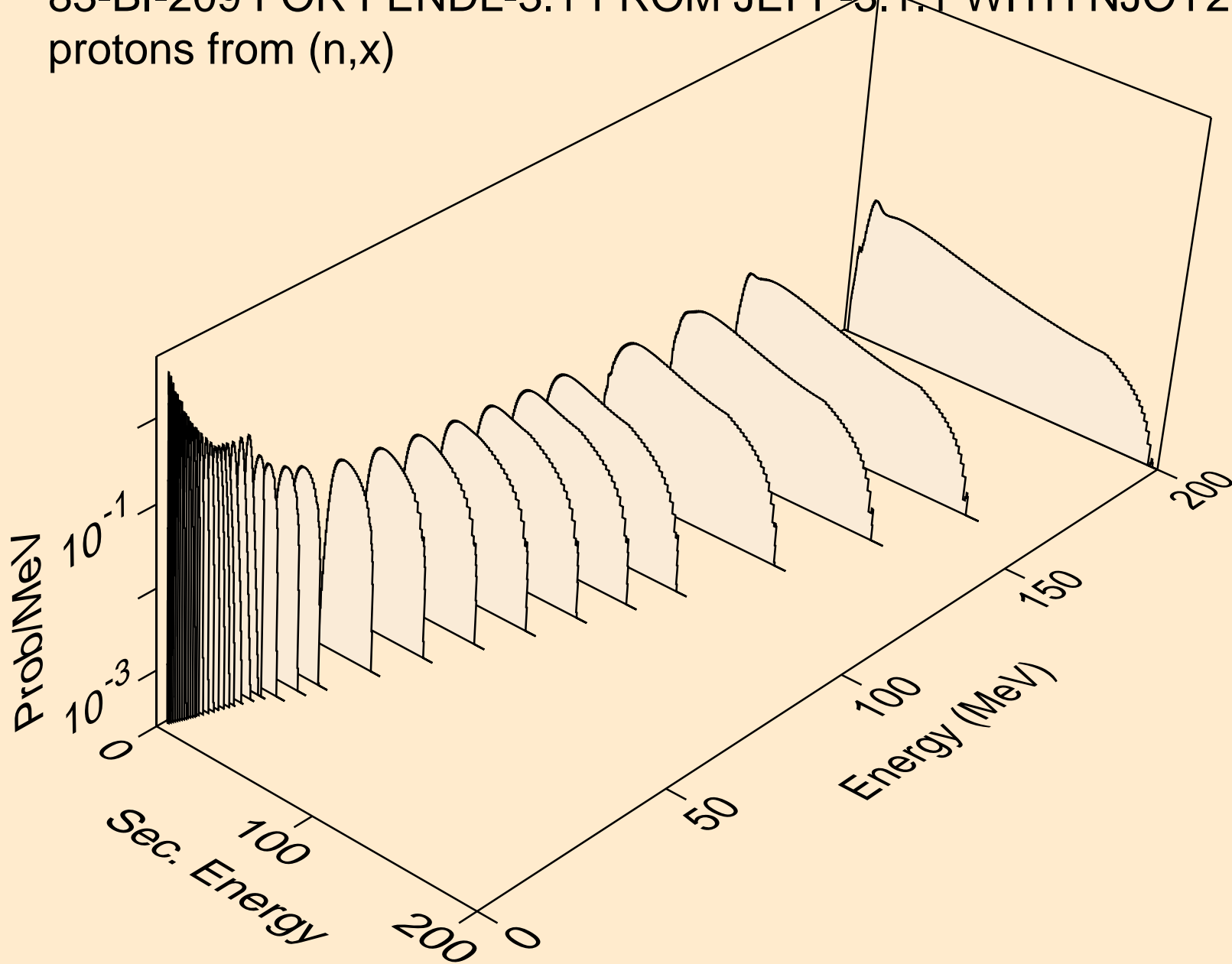
## Recoil Heating



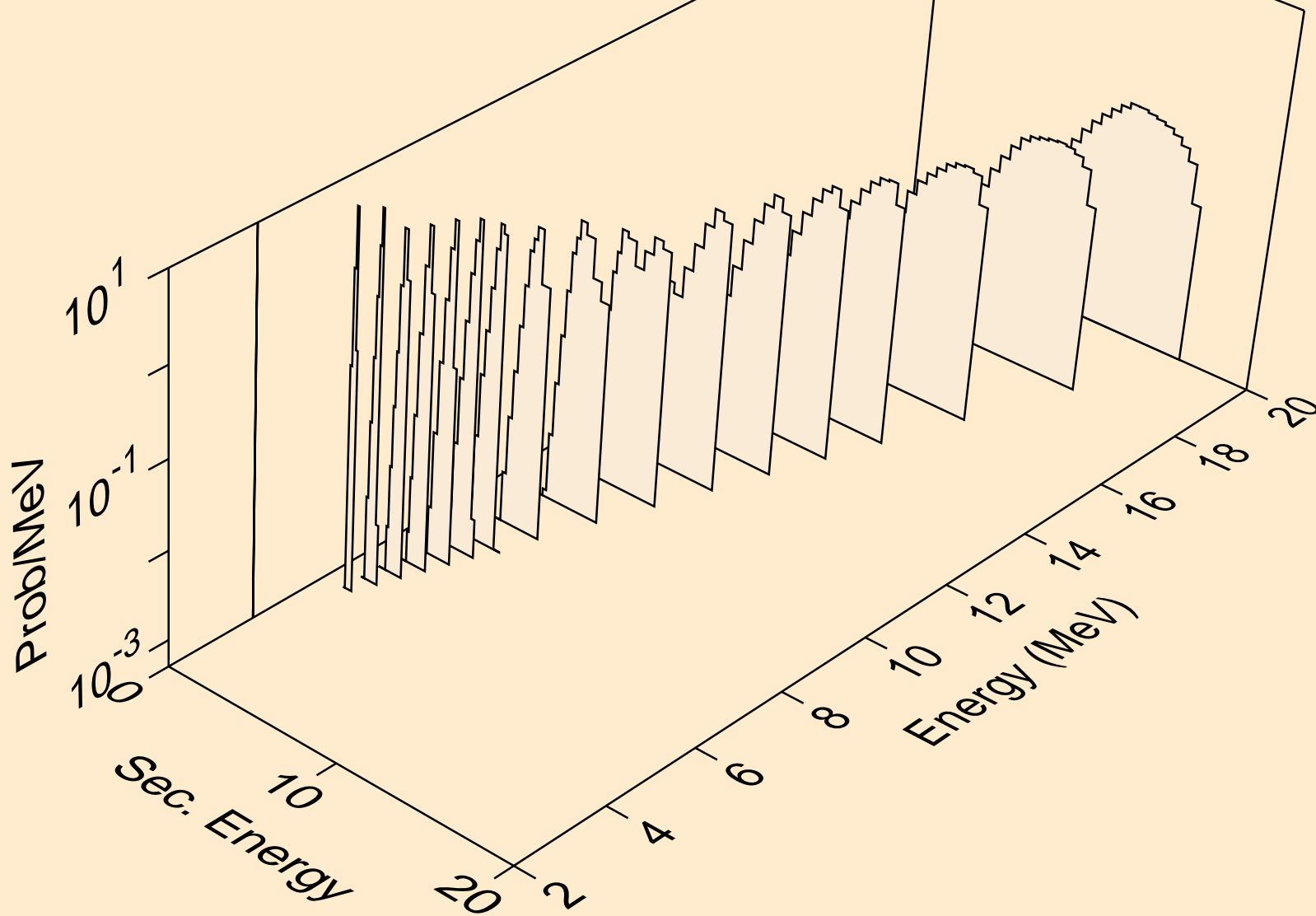
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
Particle production cross sections



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
protons from (n,x)

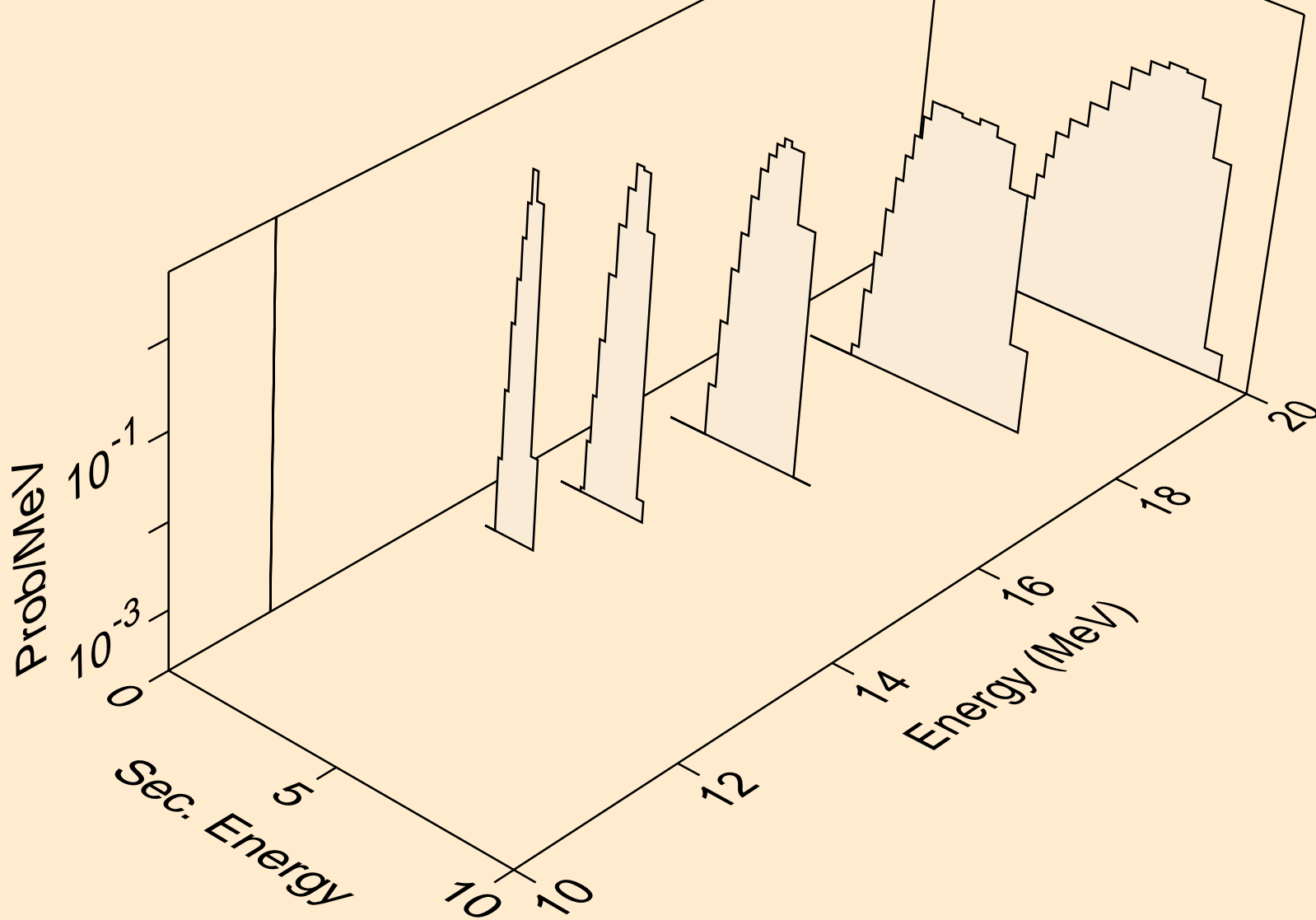


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
protons from (n,n\*)p

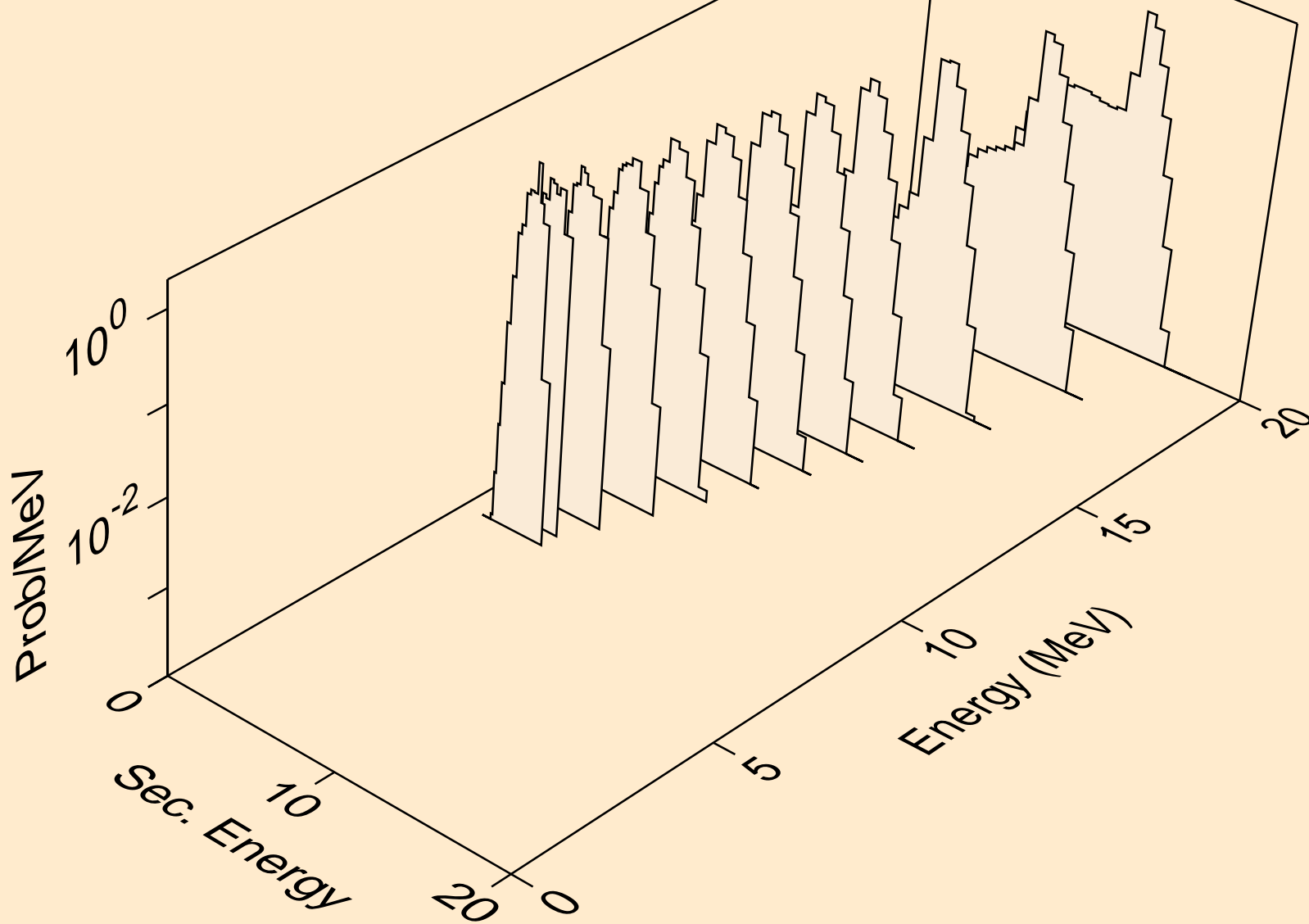




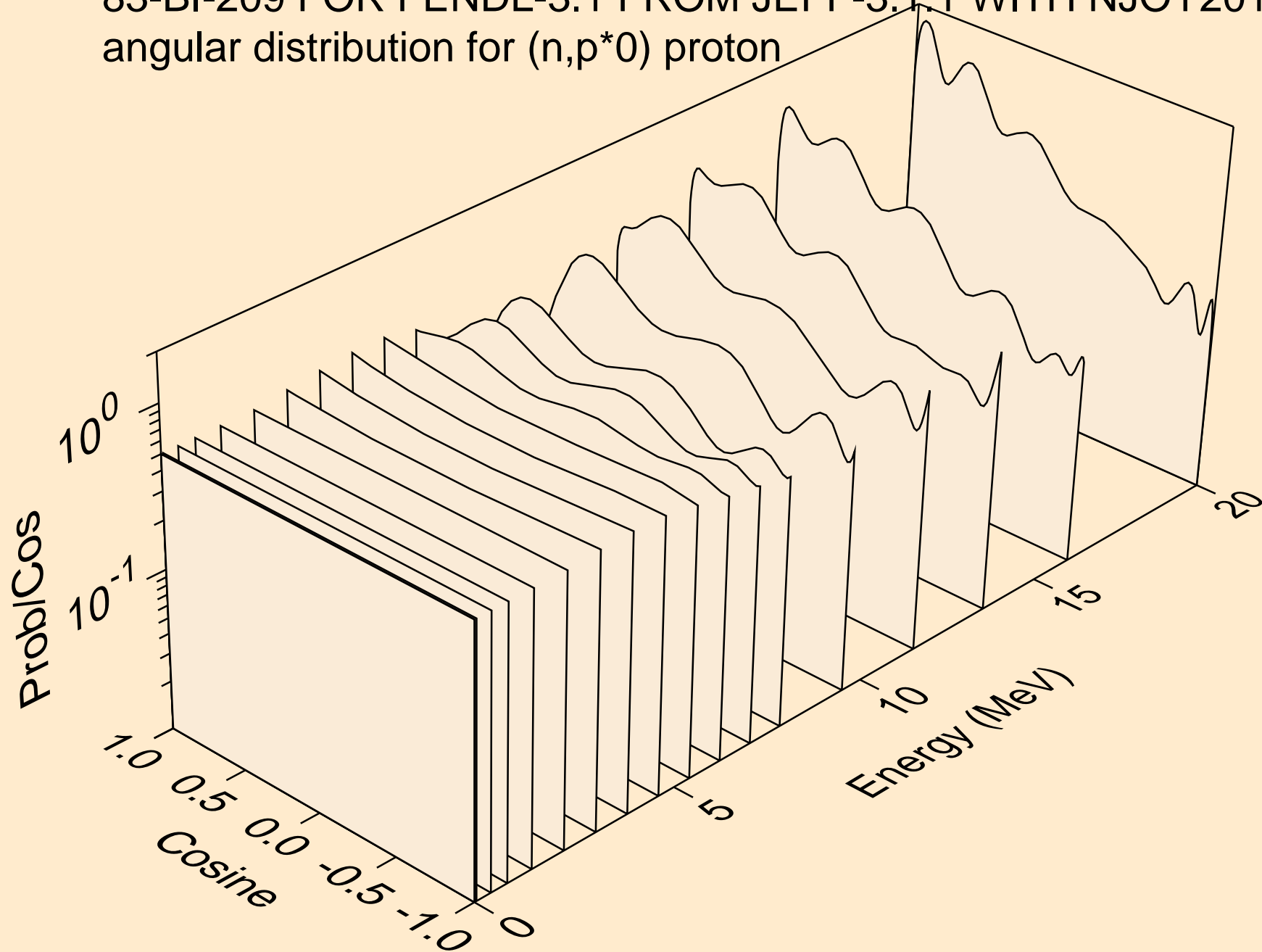
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
protons from (n,2np)



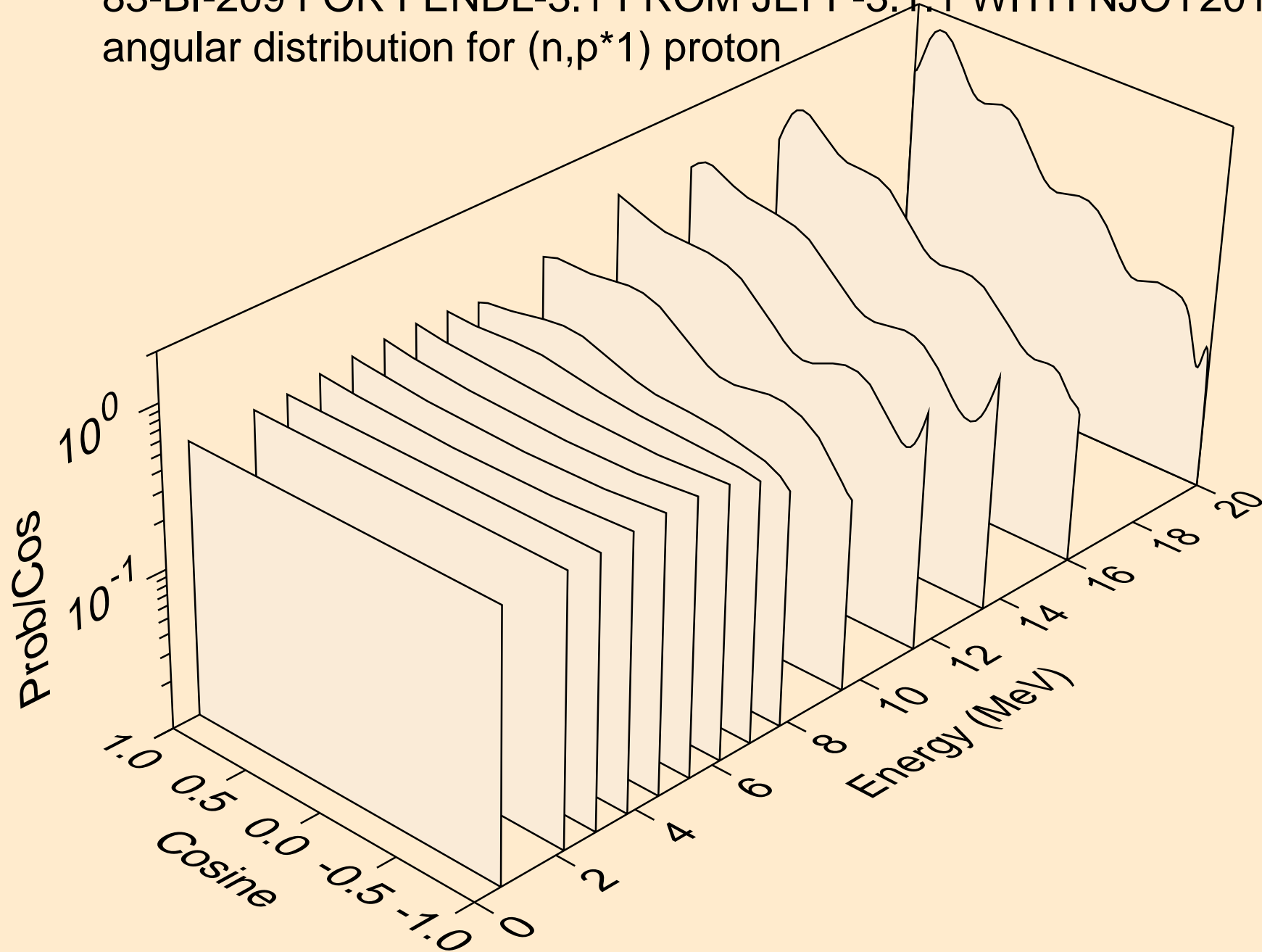
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
protons from (n,pa)



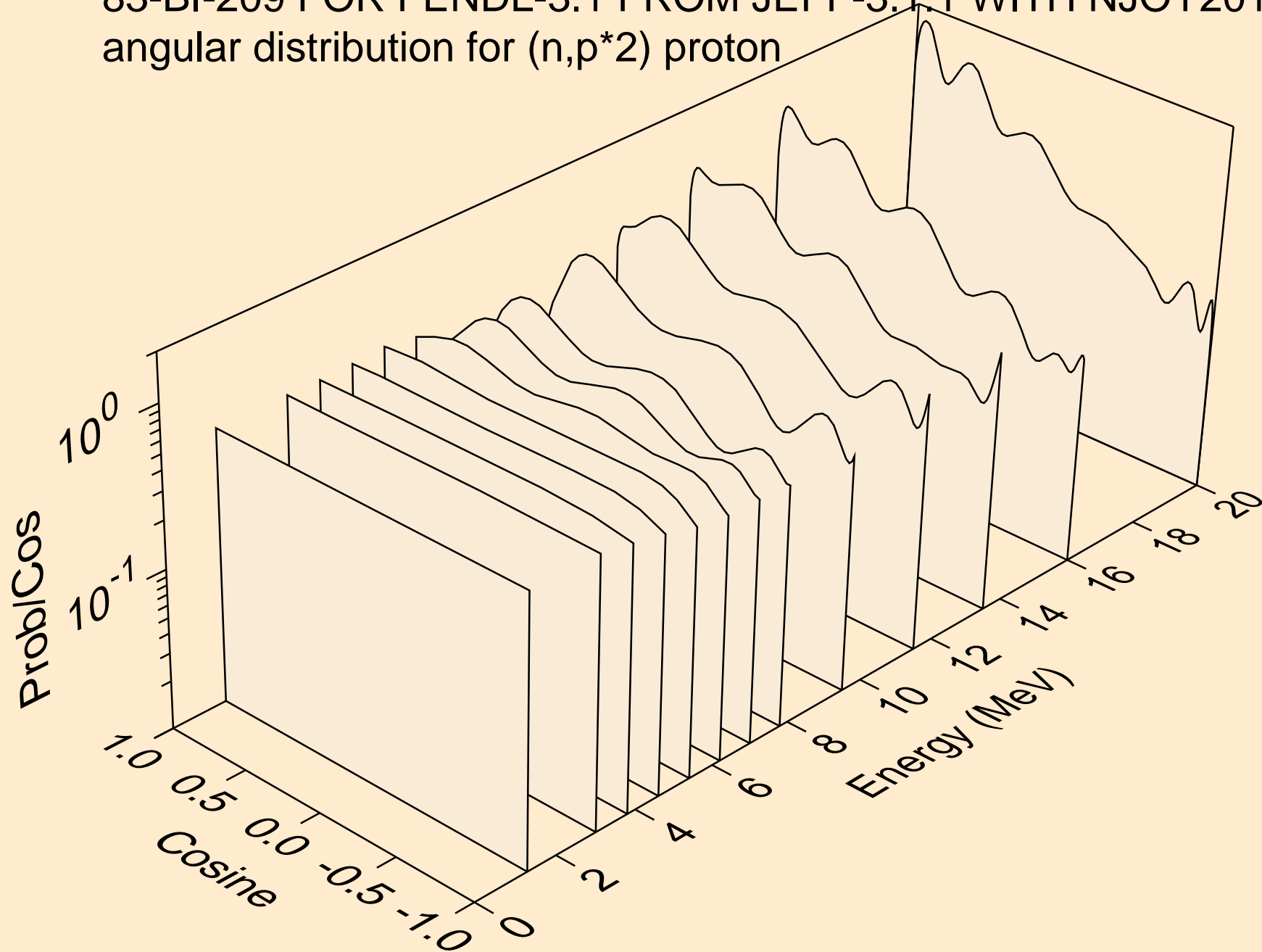
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,p\*0) proton



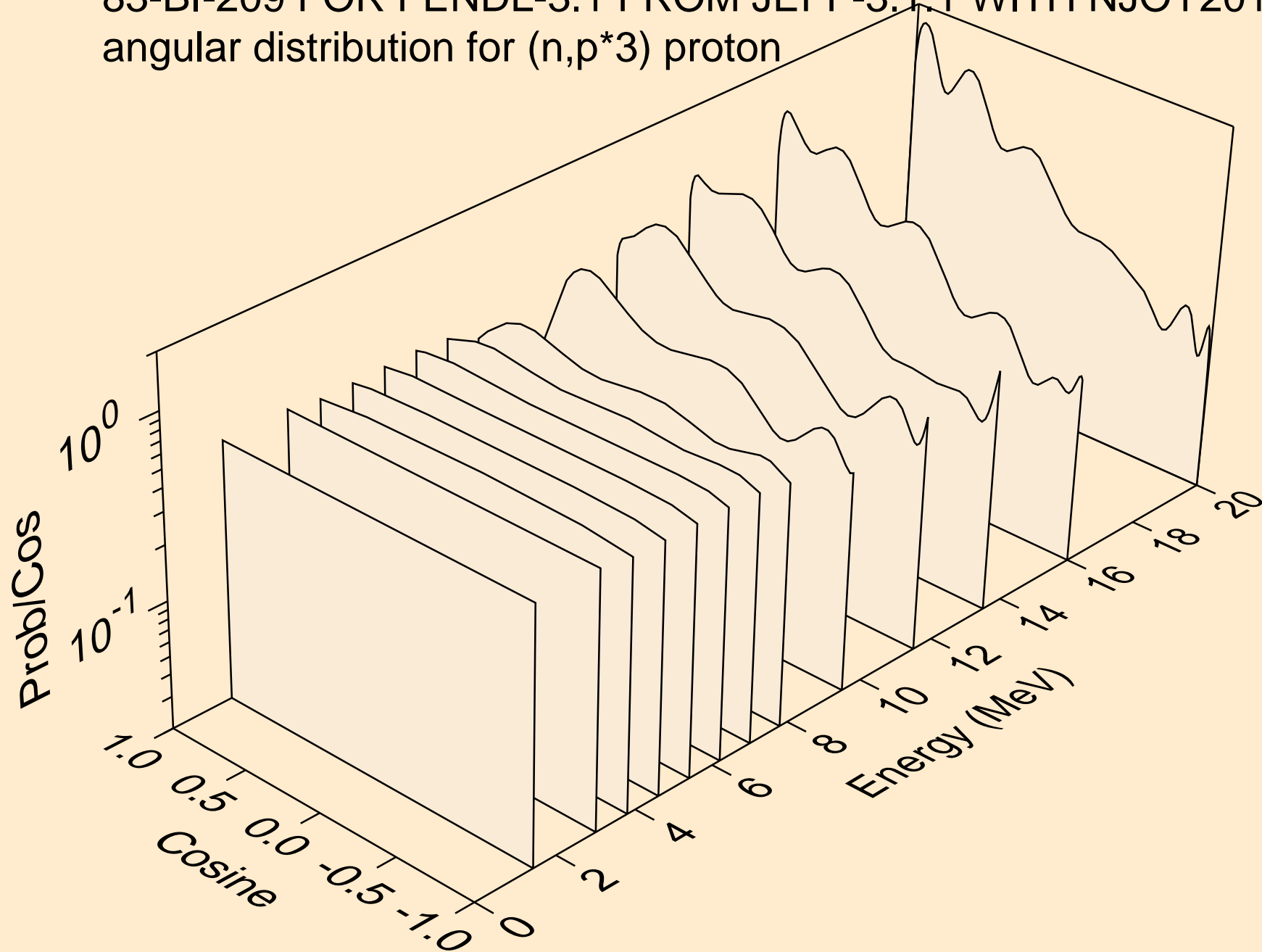
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,p\*1) proton



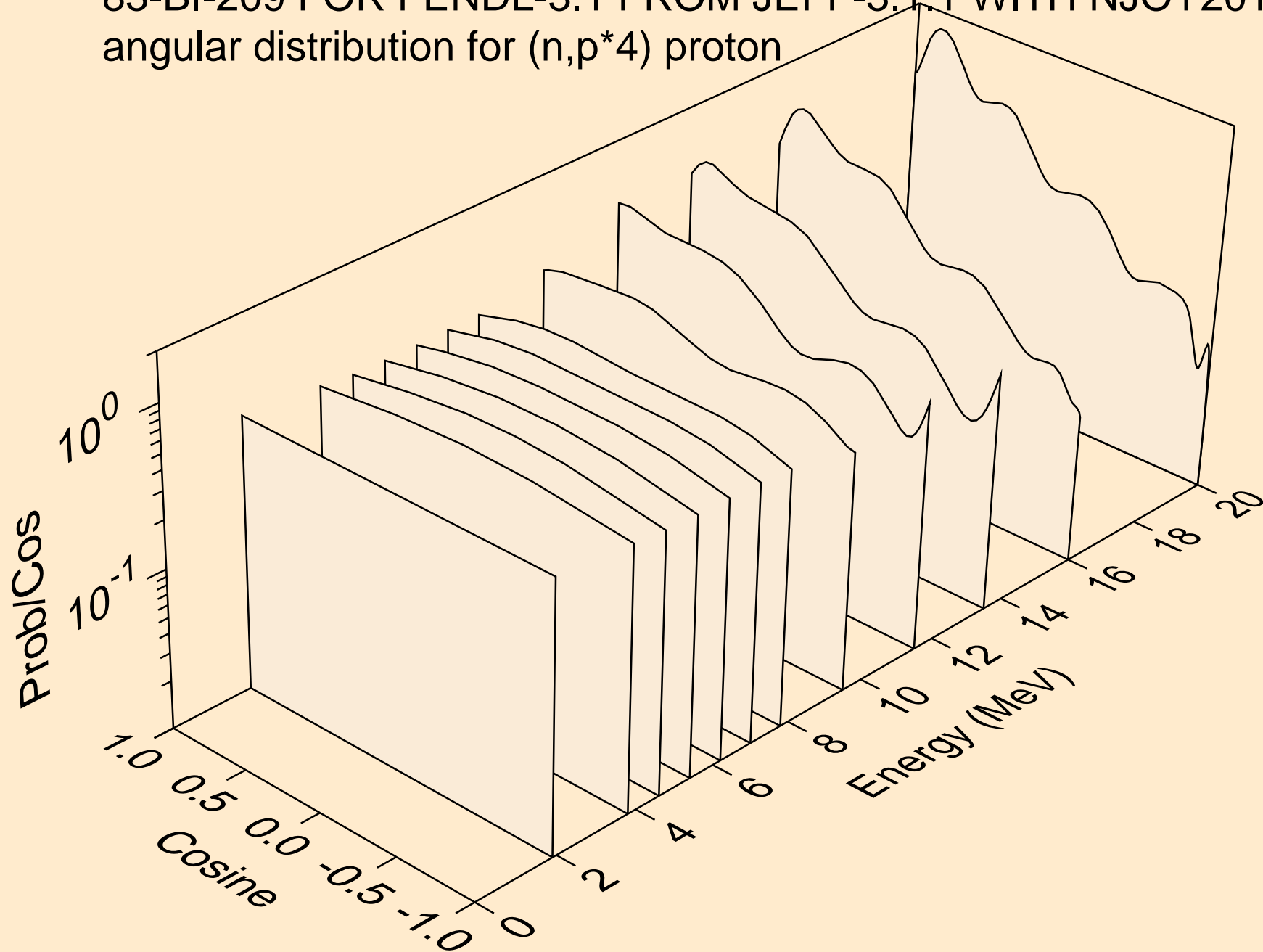
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,p\*2) proton



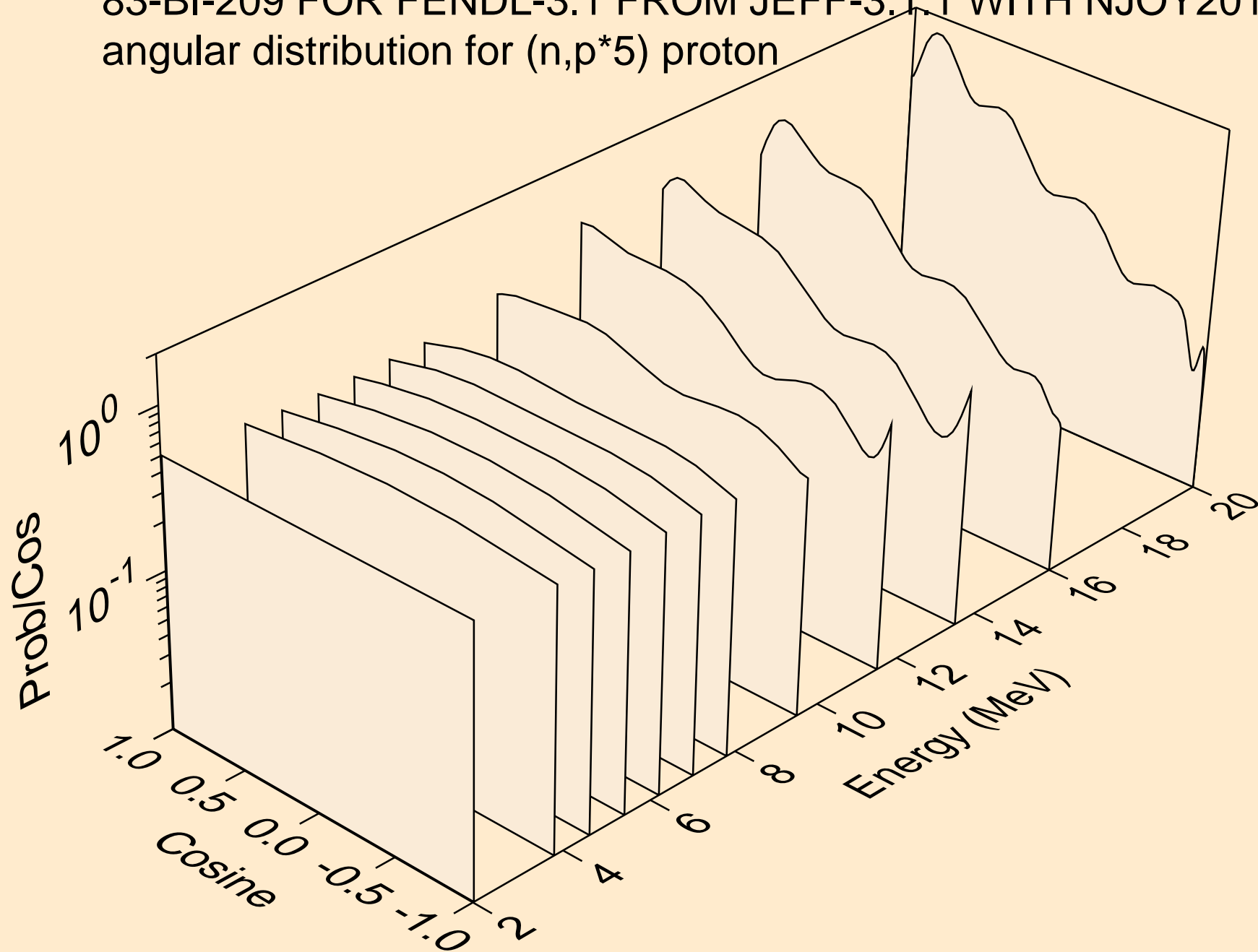
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,p\*3) proton



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,p\*4) proton

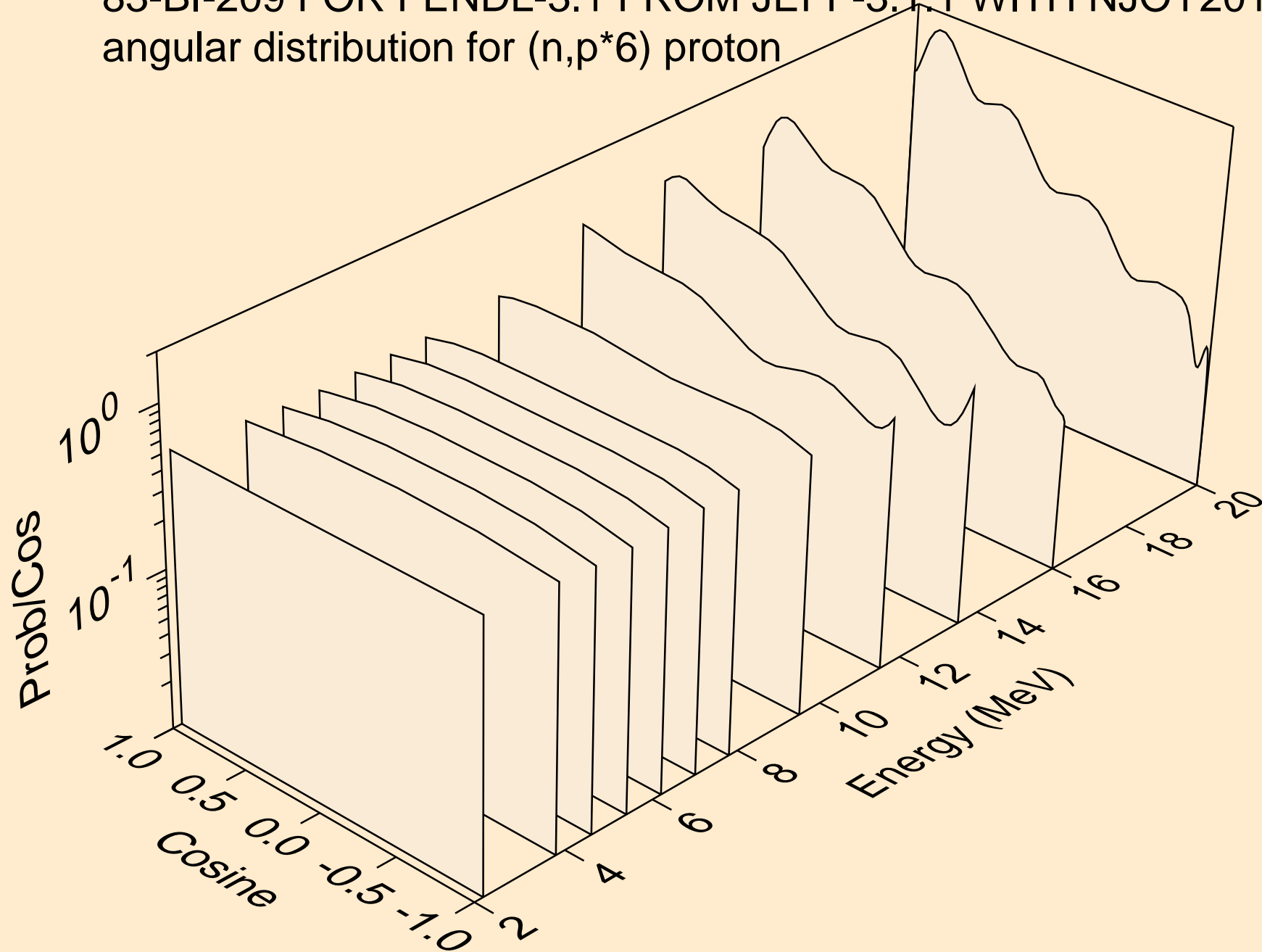


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,p\*5) proton

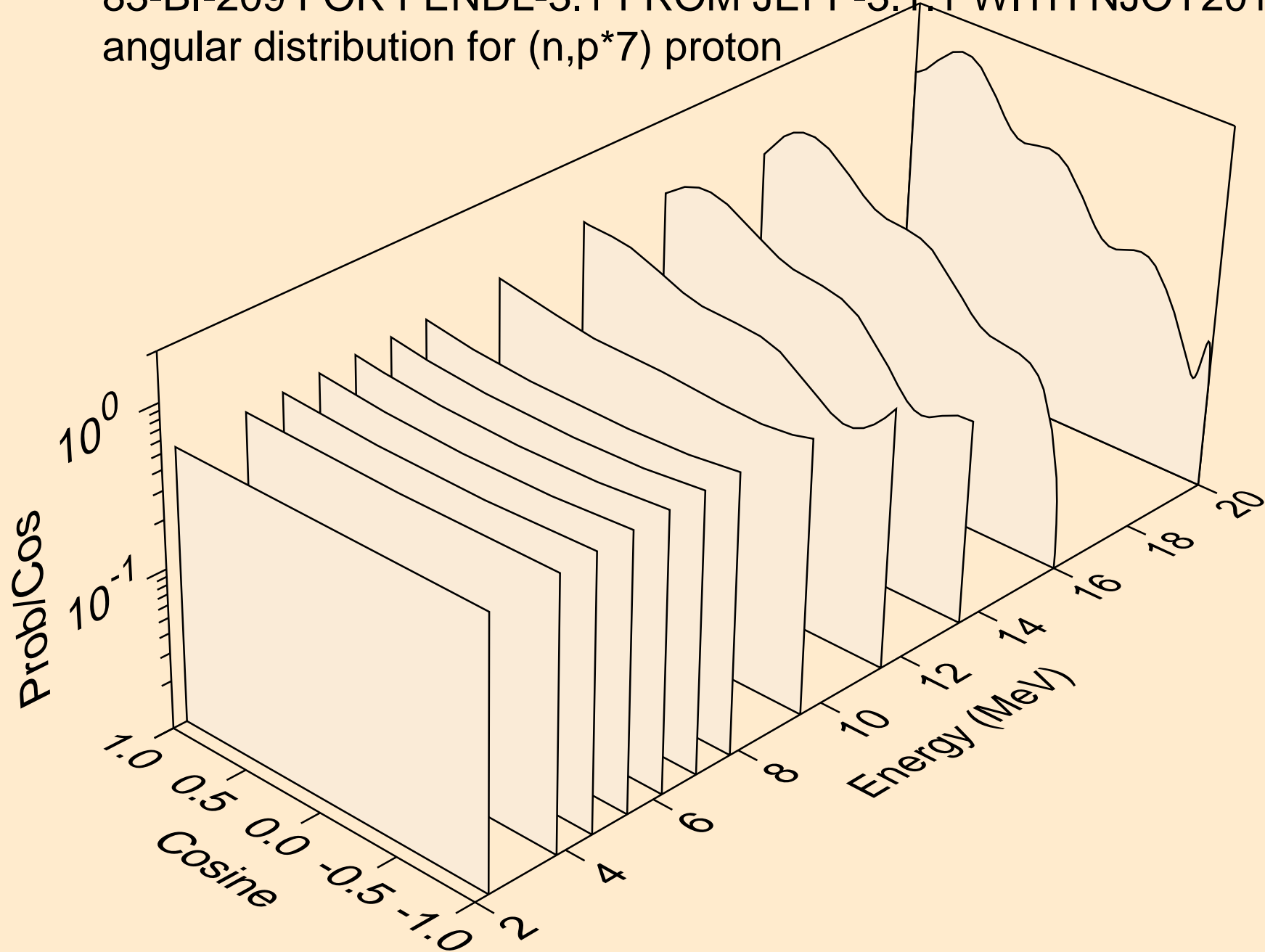




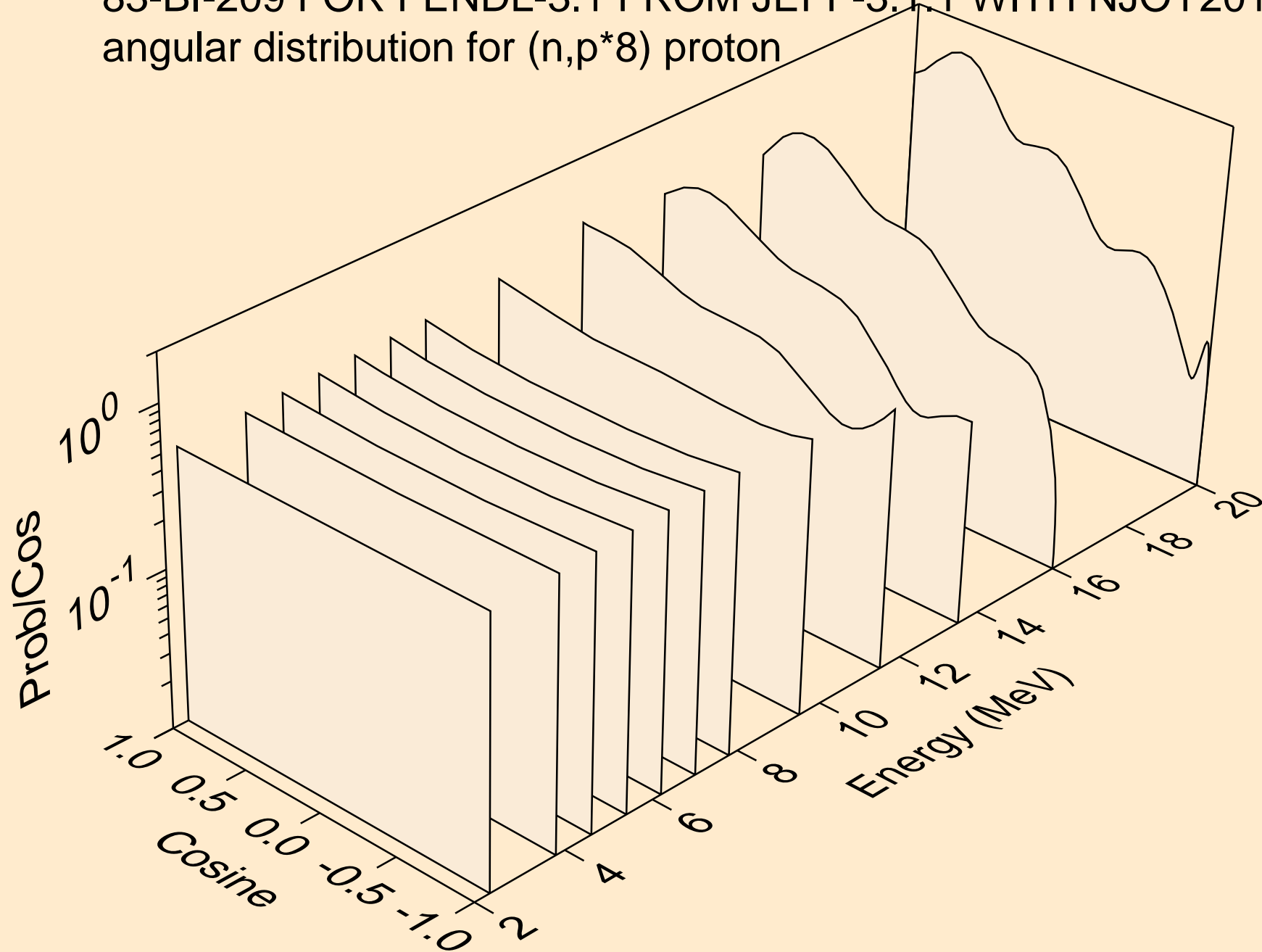
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,p\*6) proton



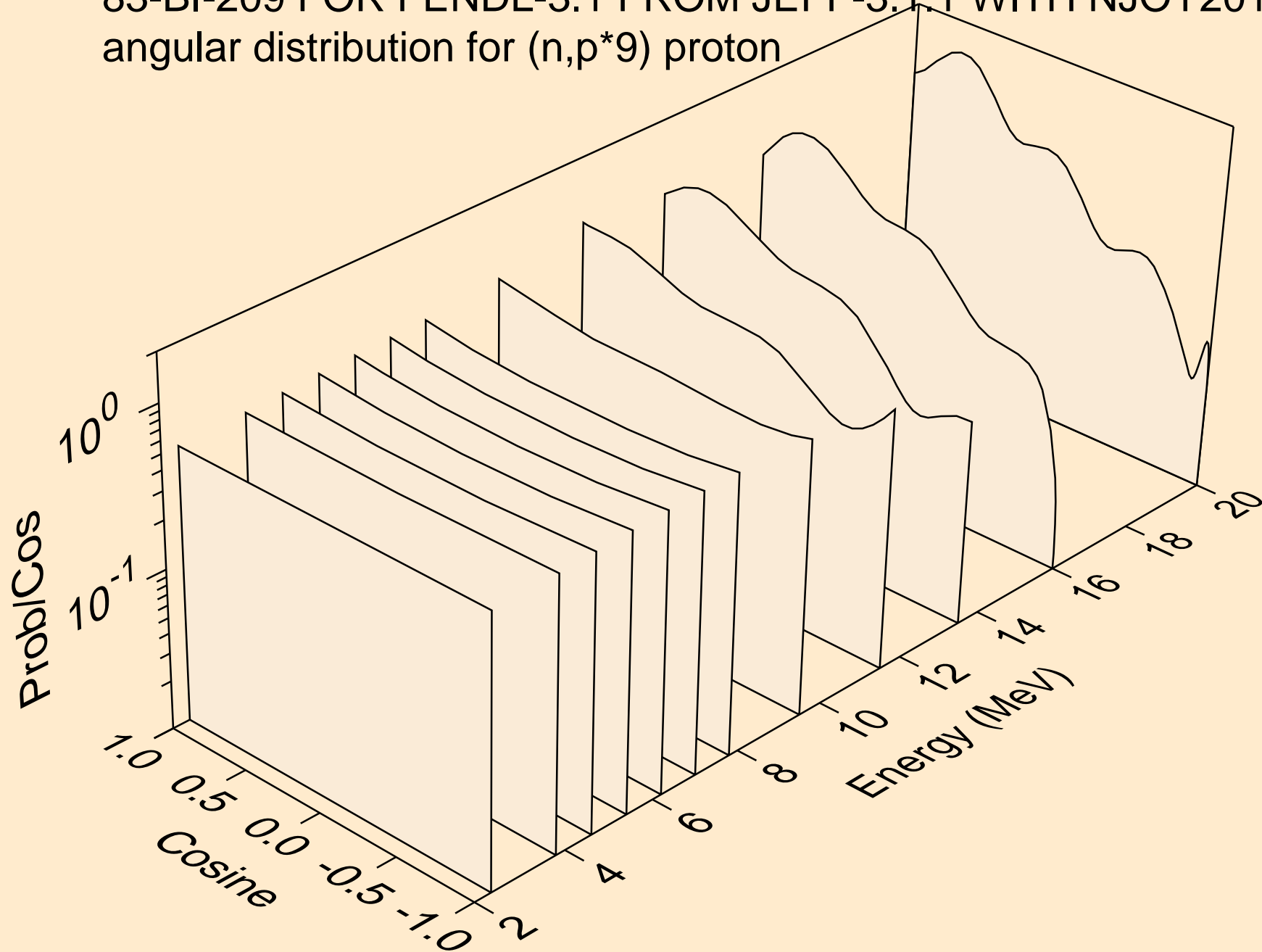
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,p\*7) proton



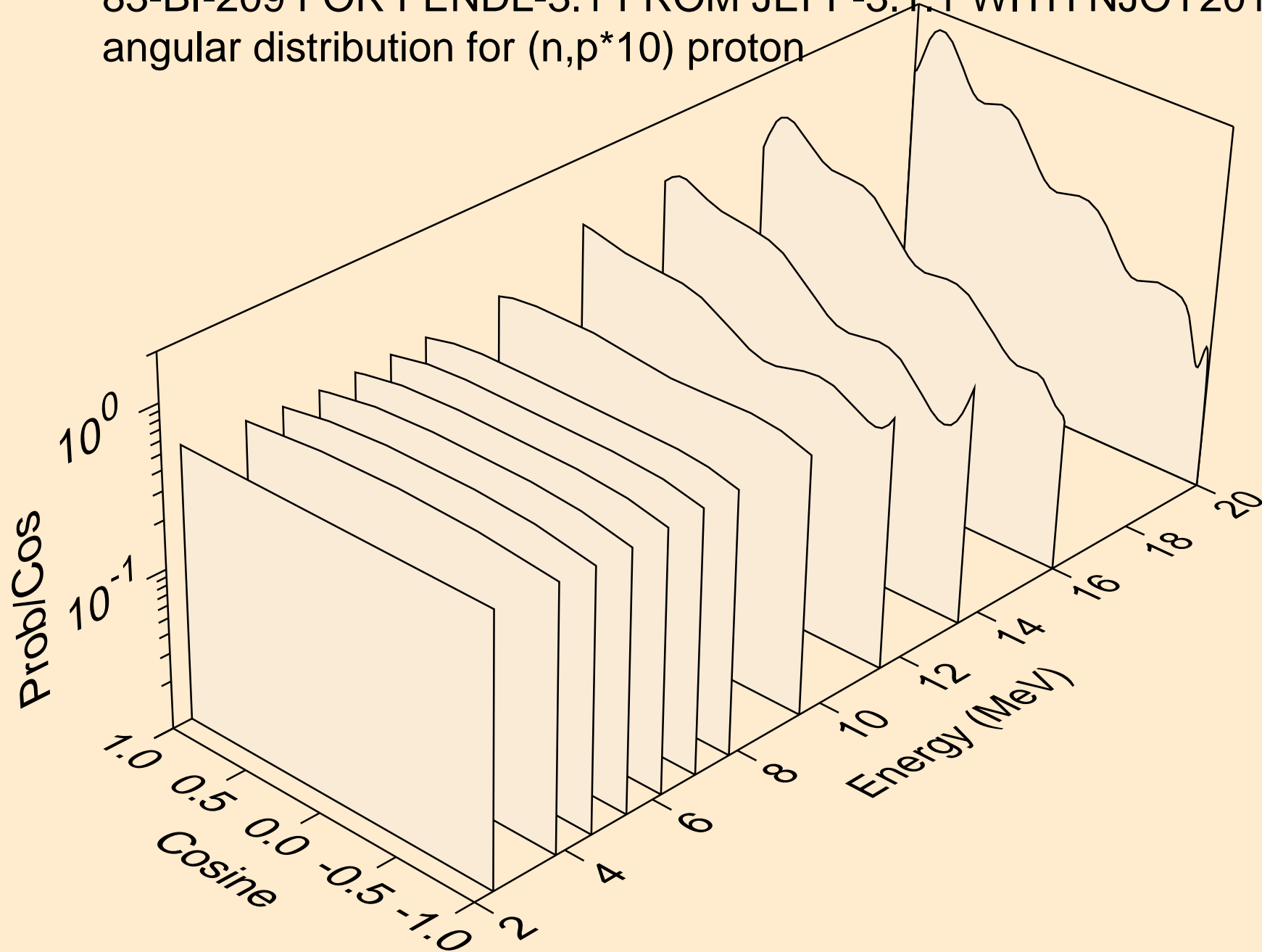
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,p\*8) proton



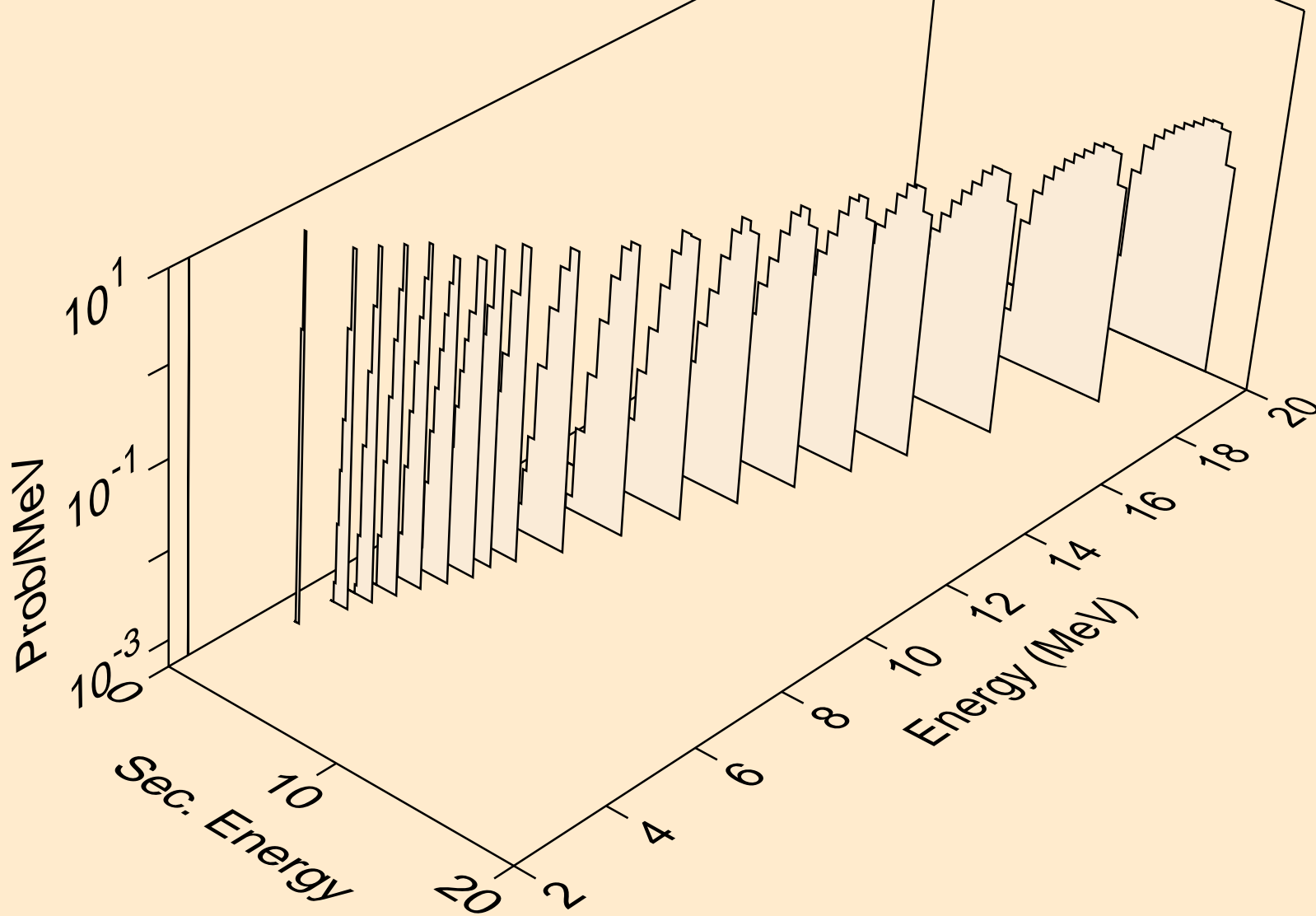
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,p\*9) proton



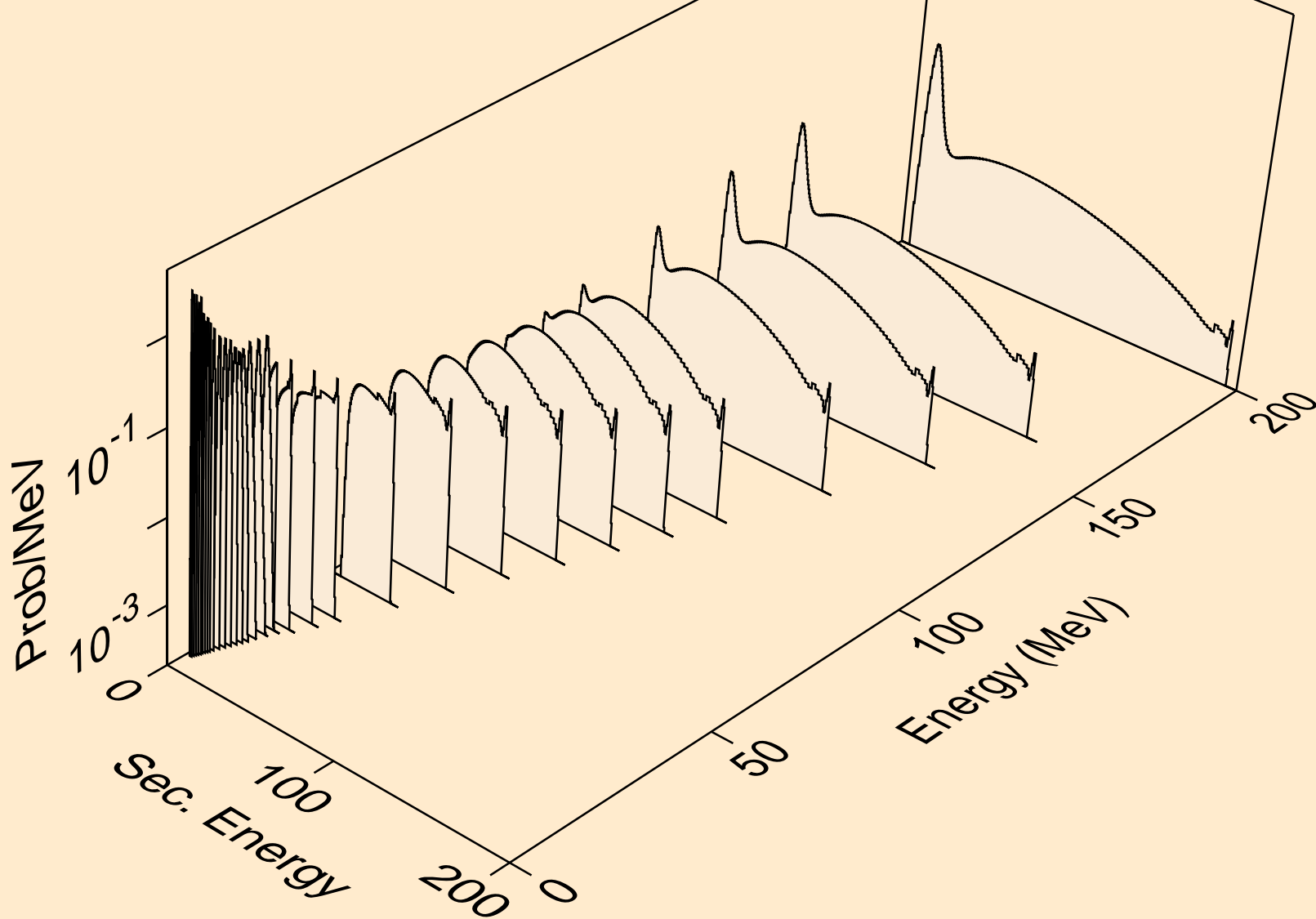
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,p\*10) proton



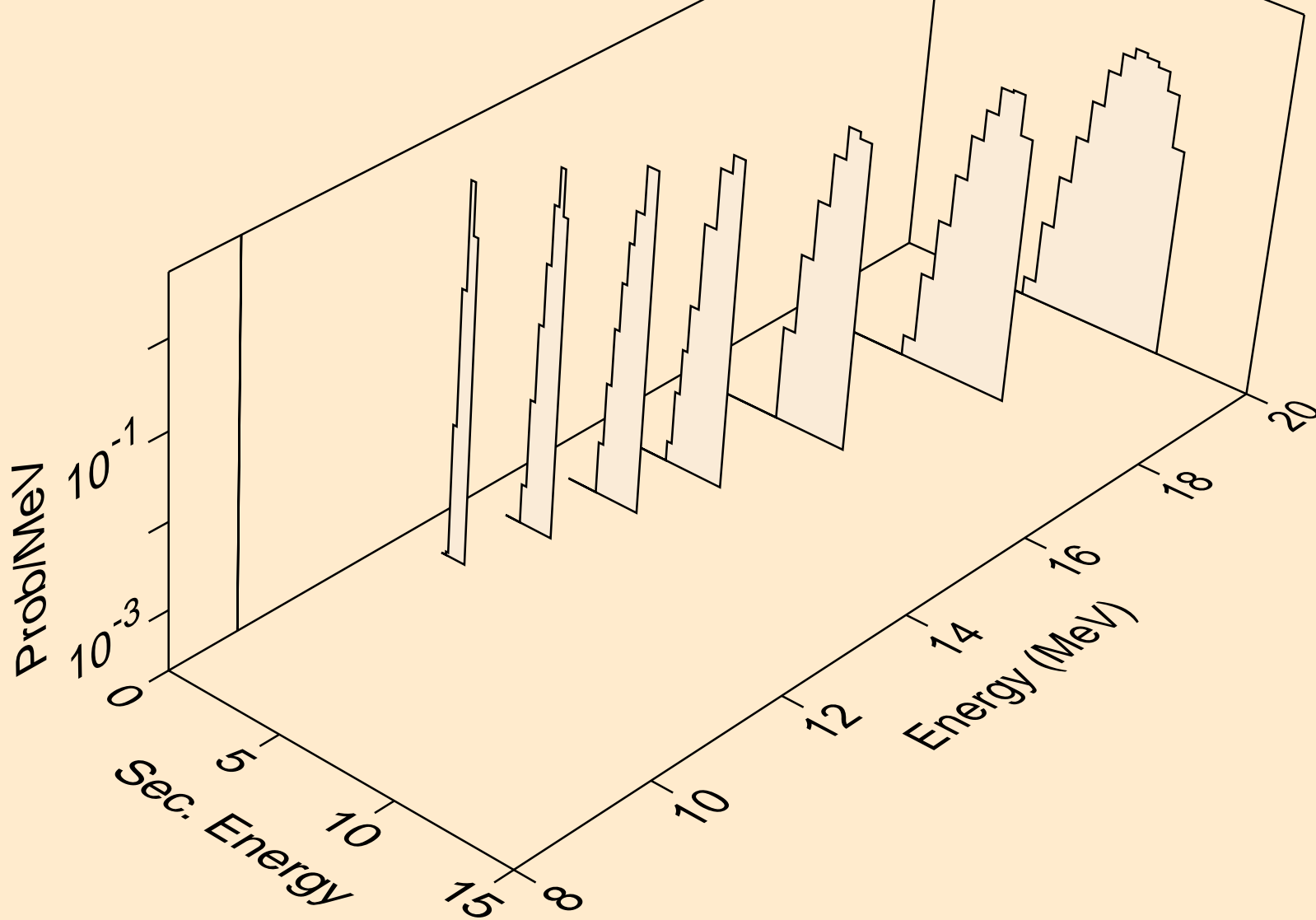
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
protons from (n,p\*c)



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
deuterons from (n,x)

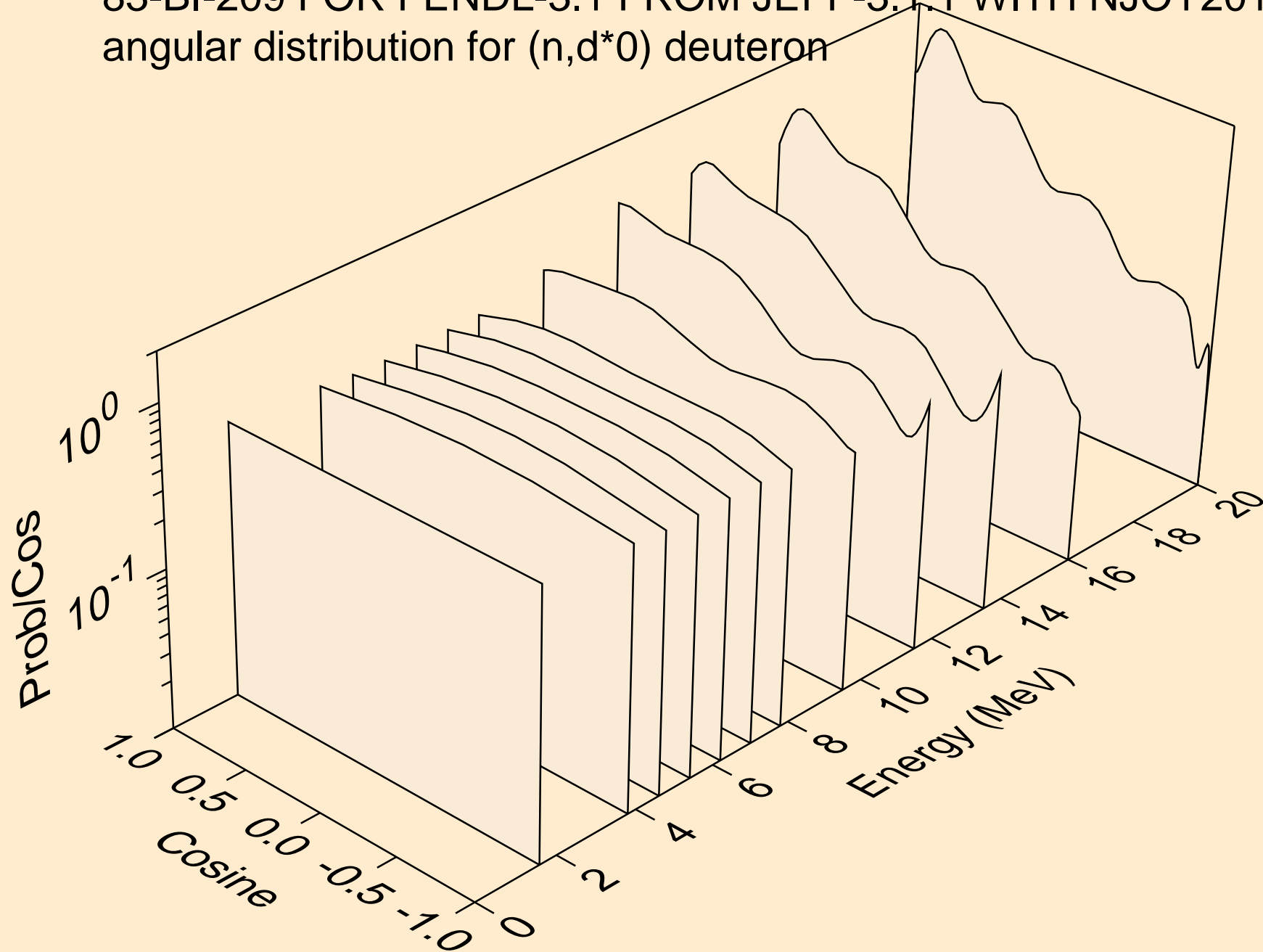


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
deuterons from (n,n\*)d

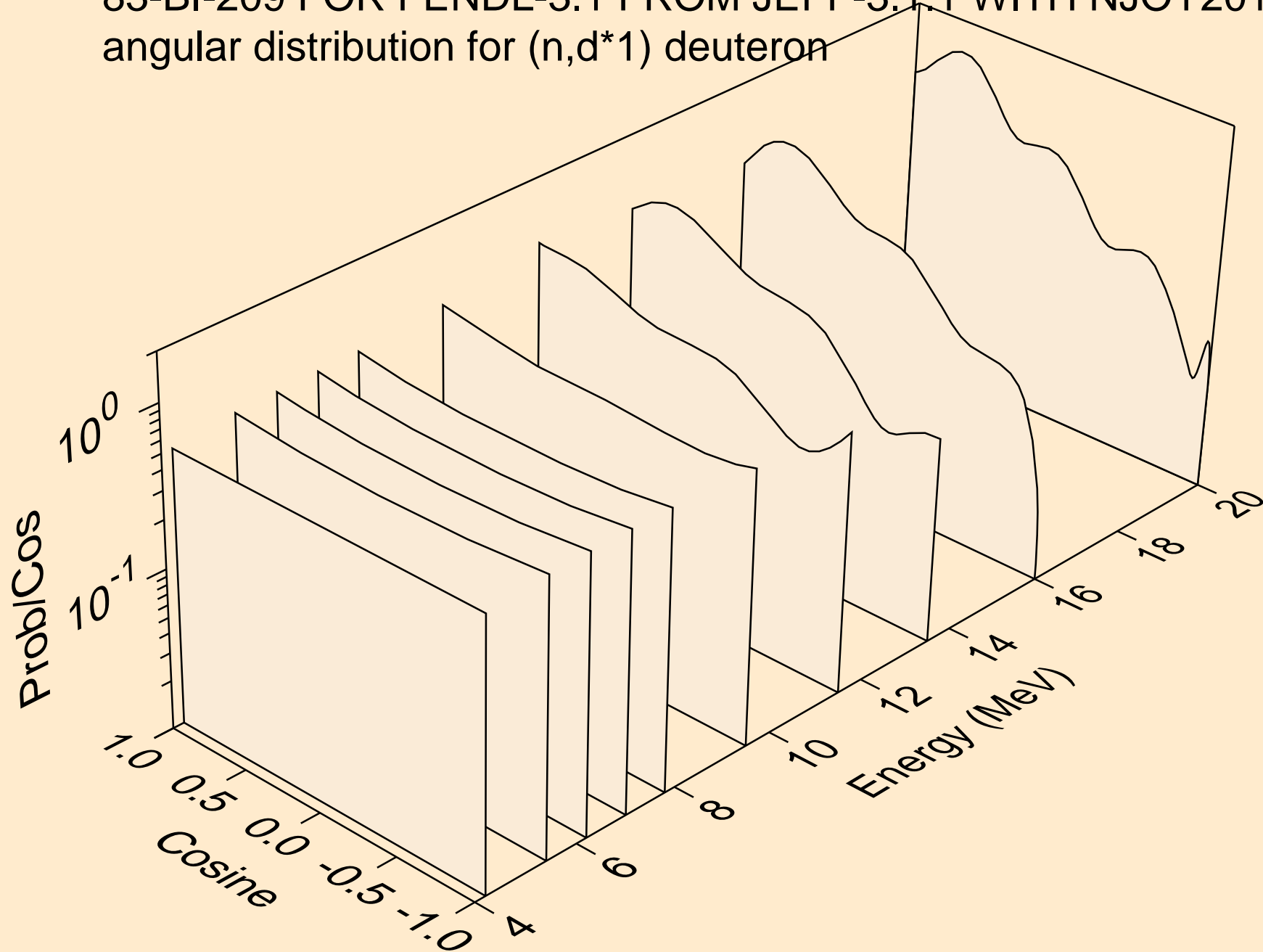




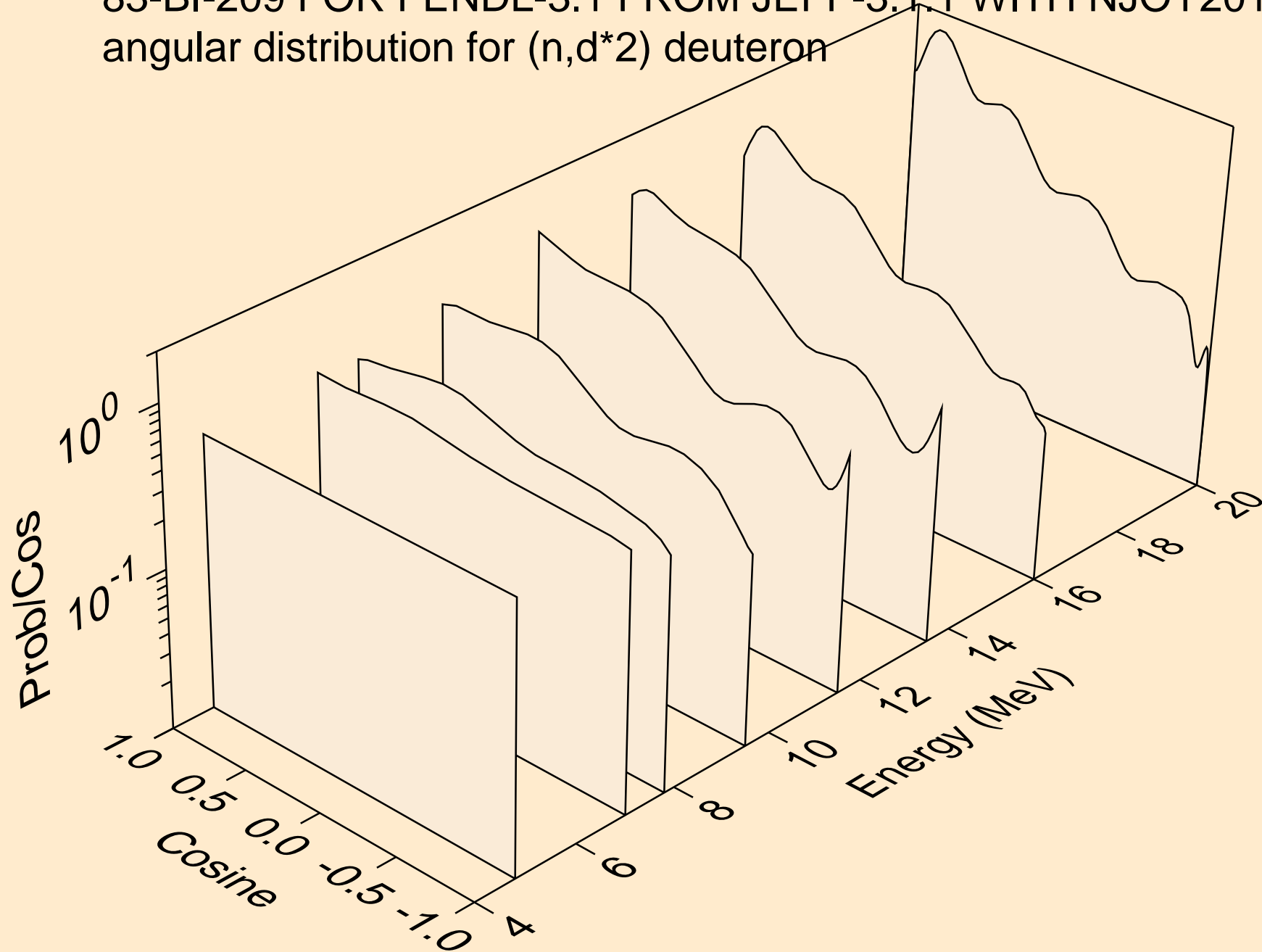
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,d\*0) deuteron



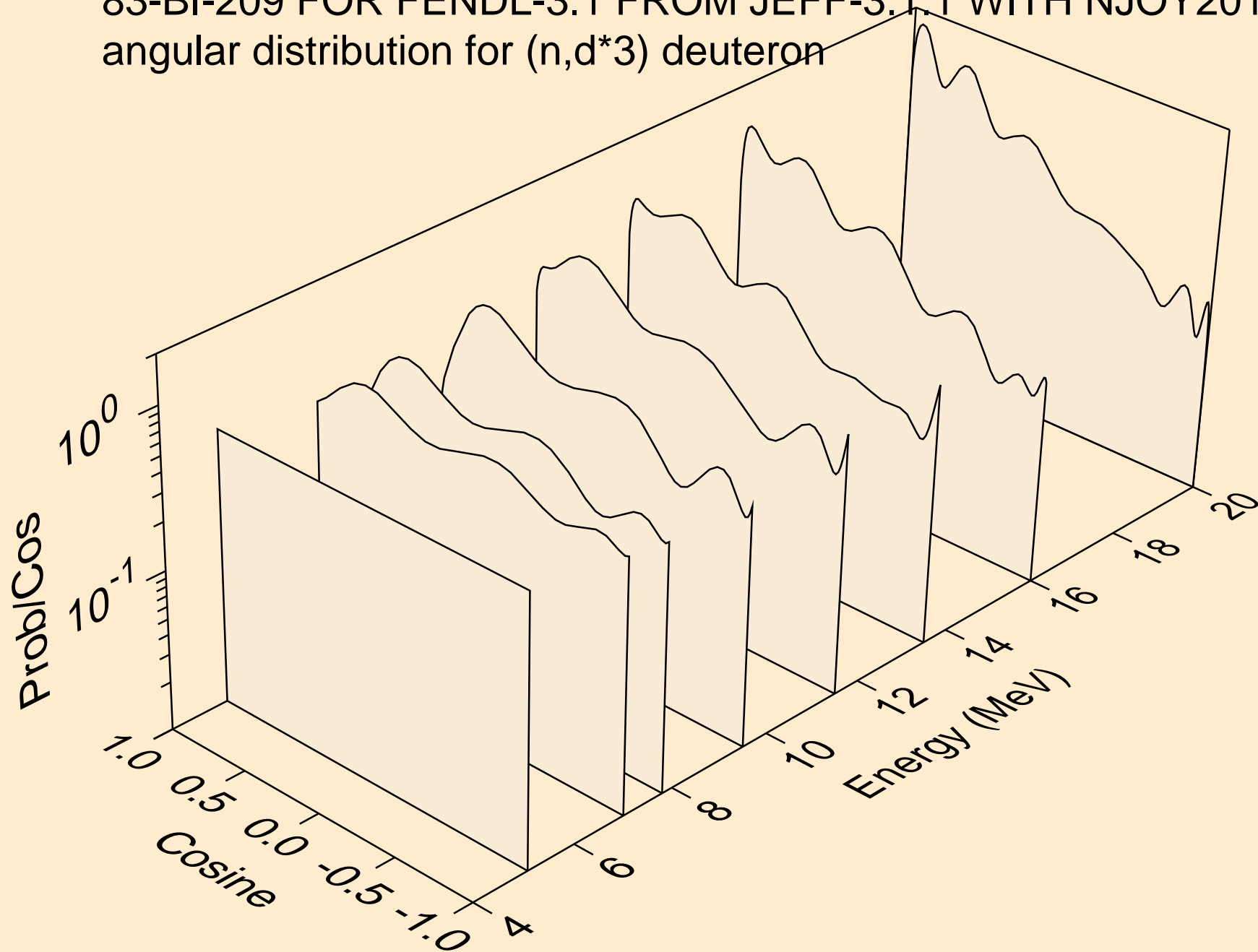
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,d\*1) deuteron



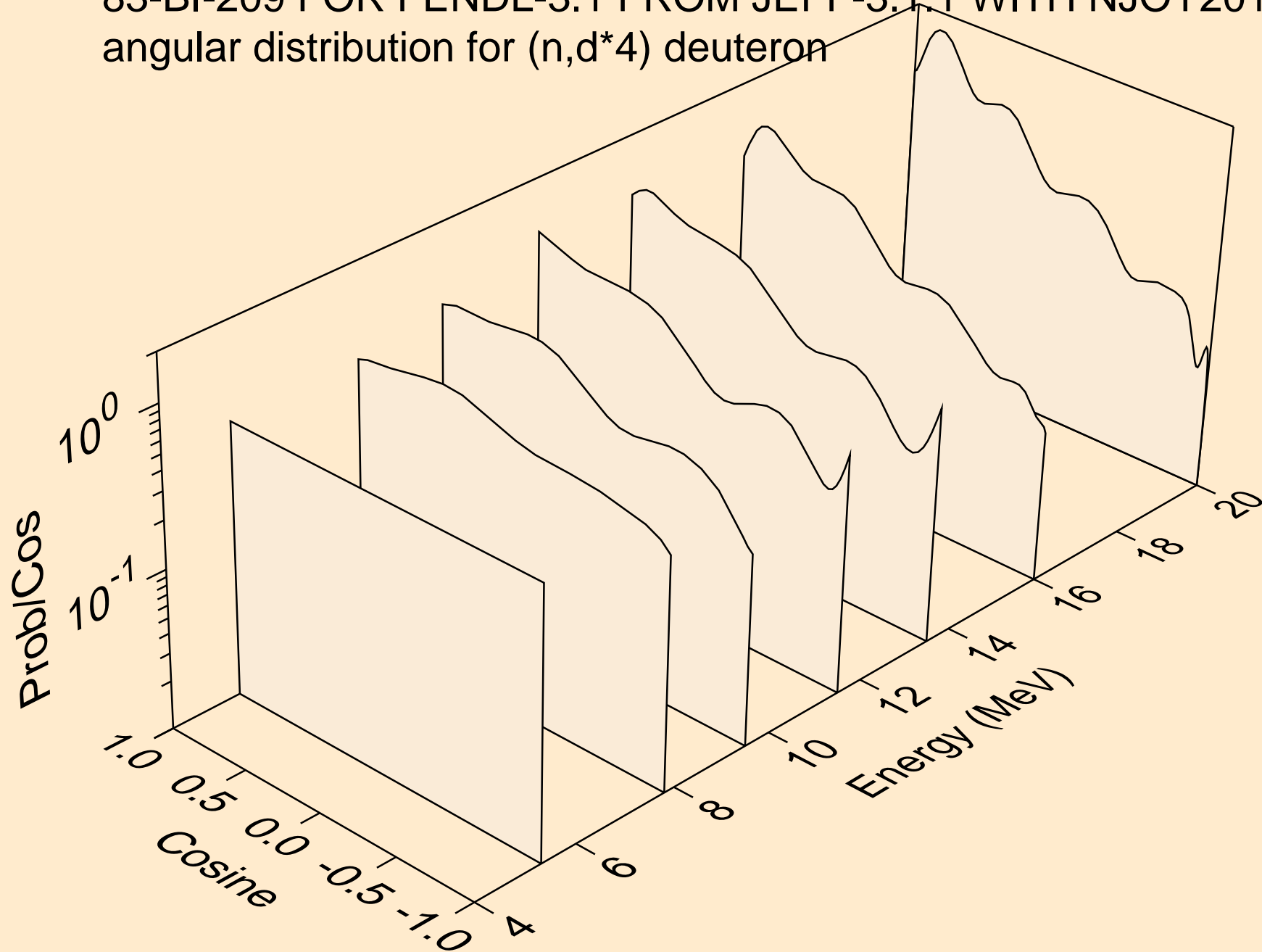
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,d\*2) deuteron



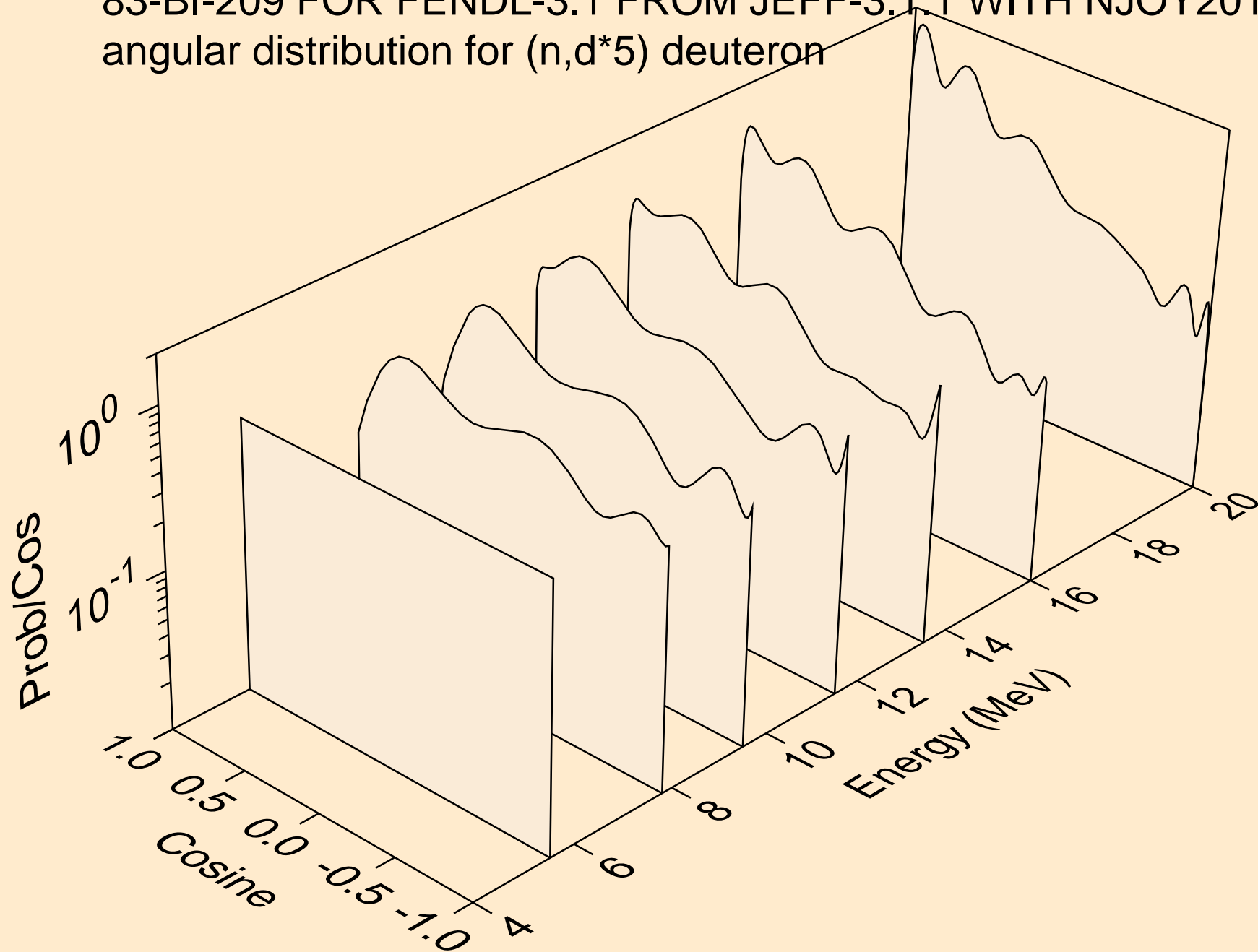
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,d\*3) deuteron



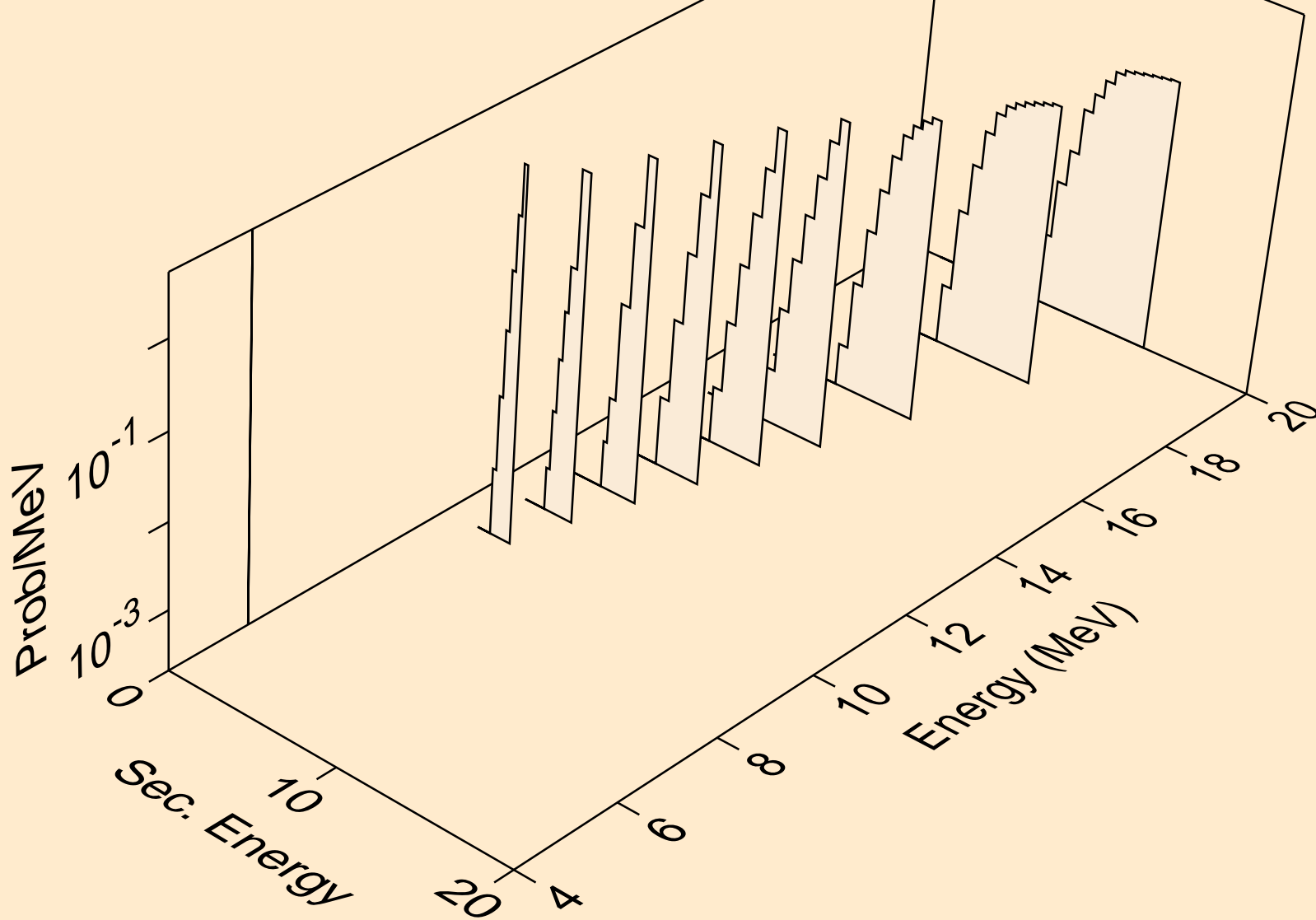
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,d\*4) deuteron



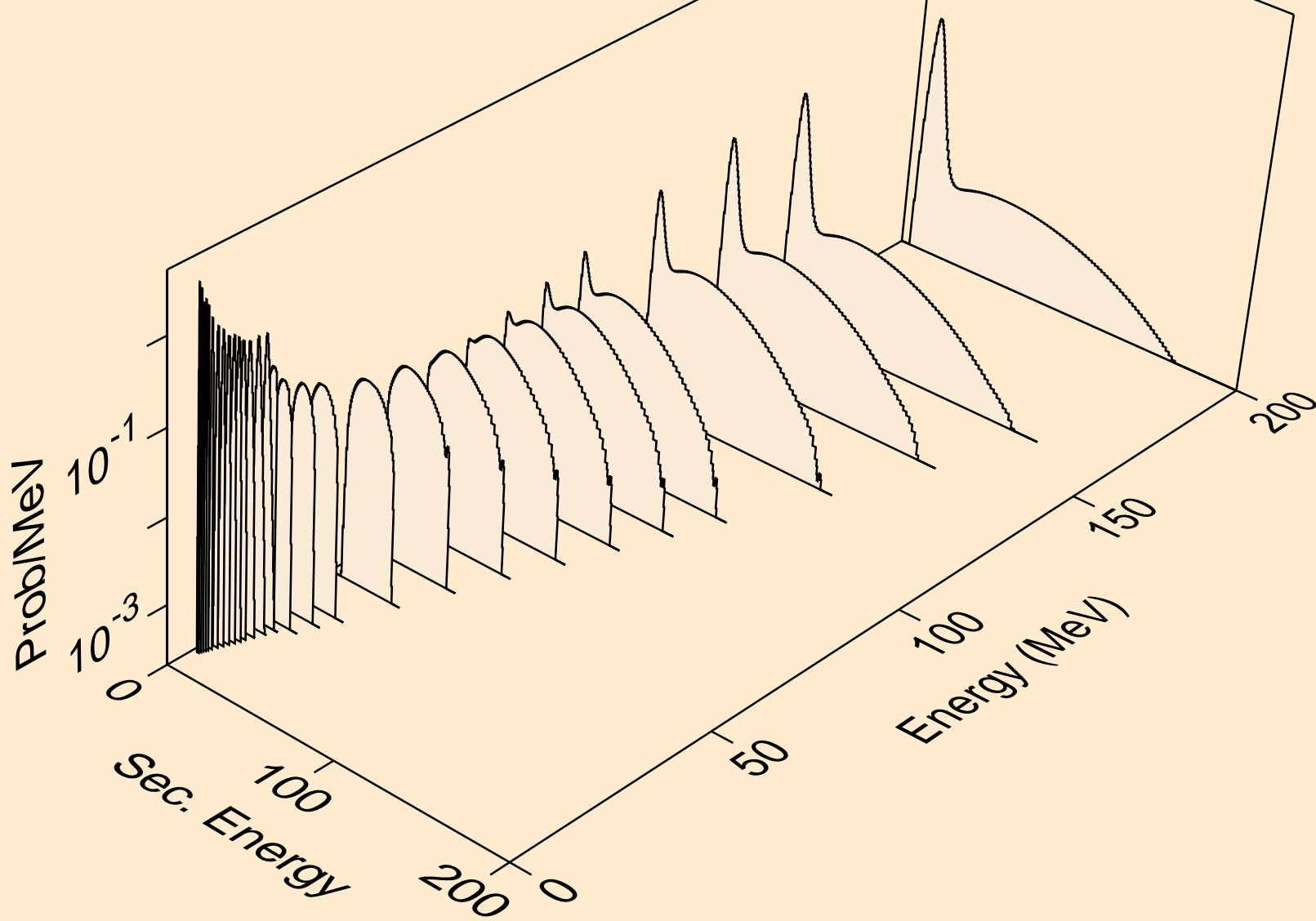
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,d\*5) deuteron



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
deuterons from (n,d\*c)

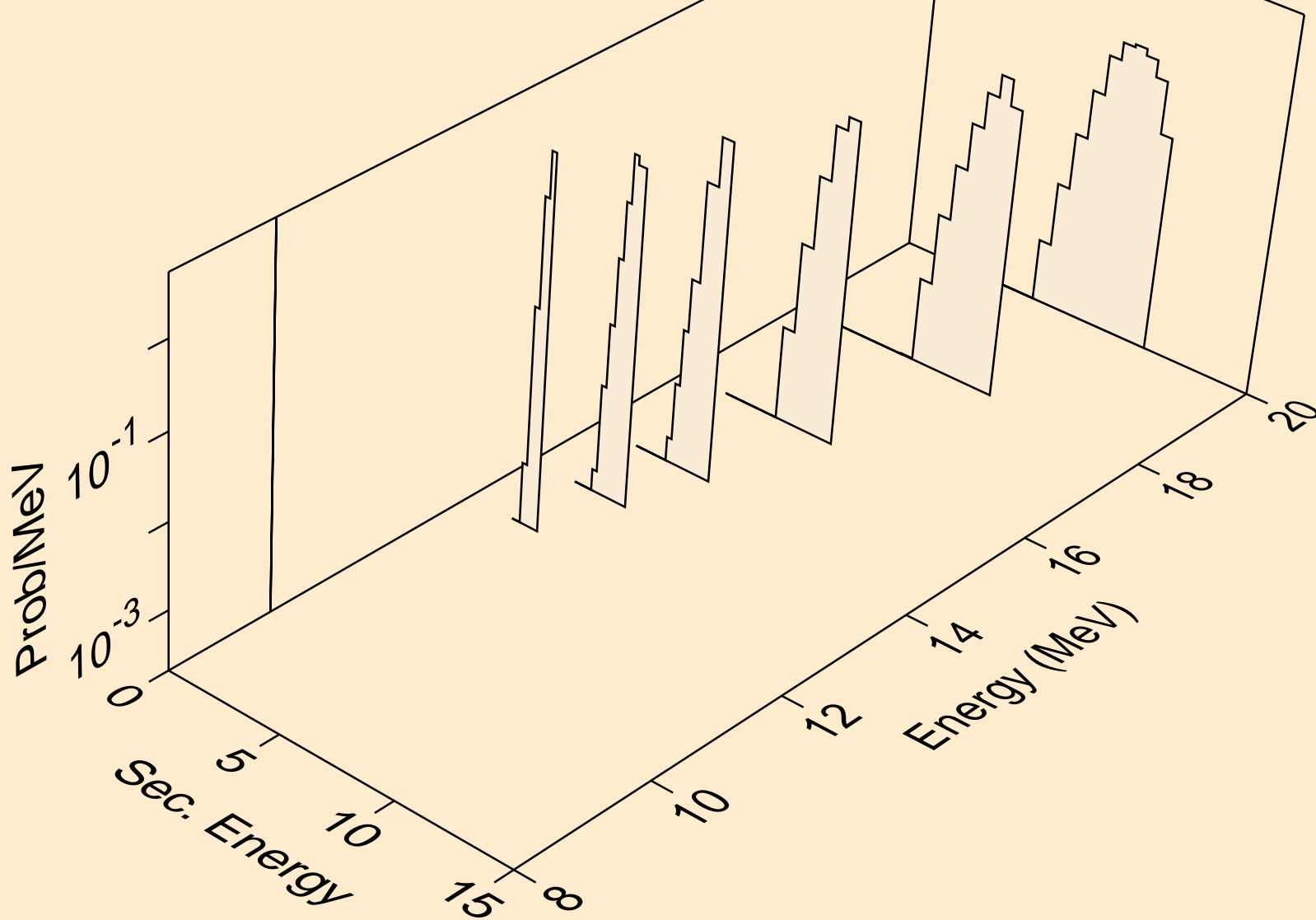


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
tritons from (n,x)

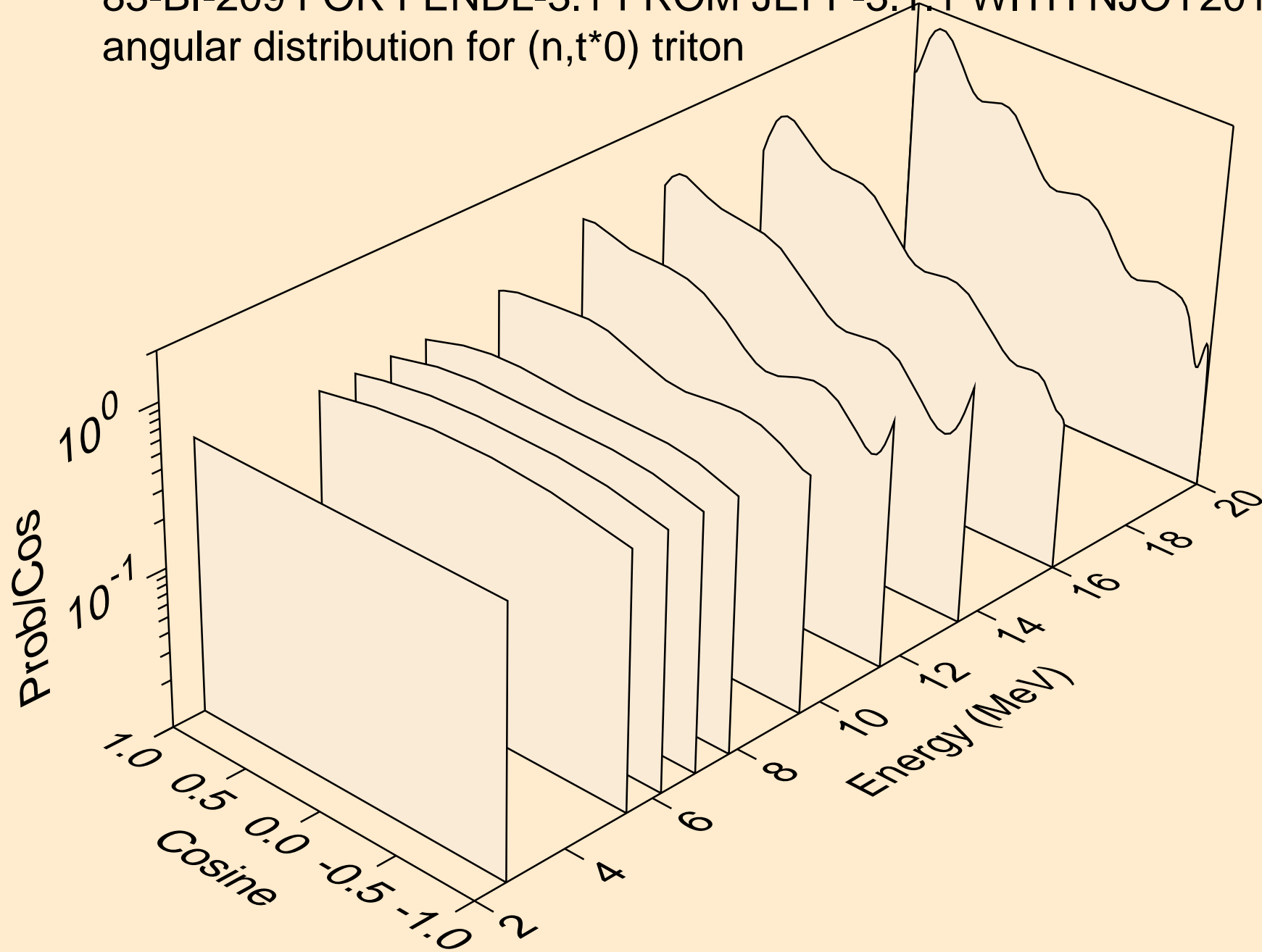




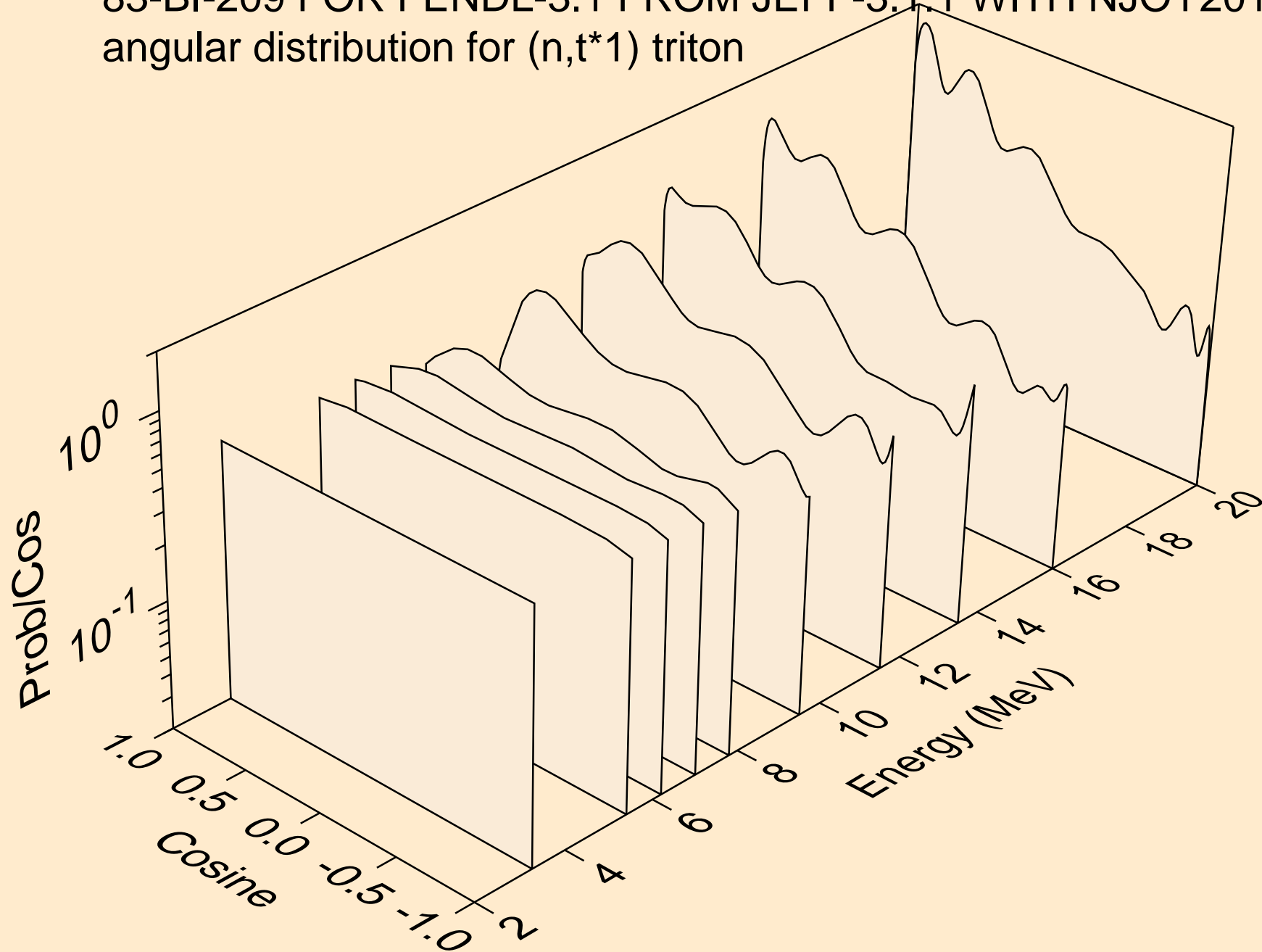
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
tritons from (n,n\*)t



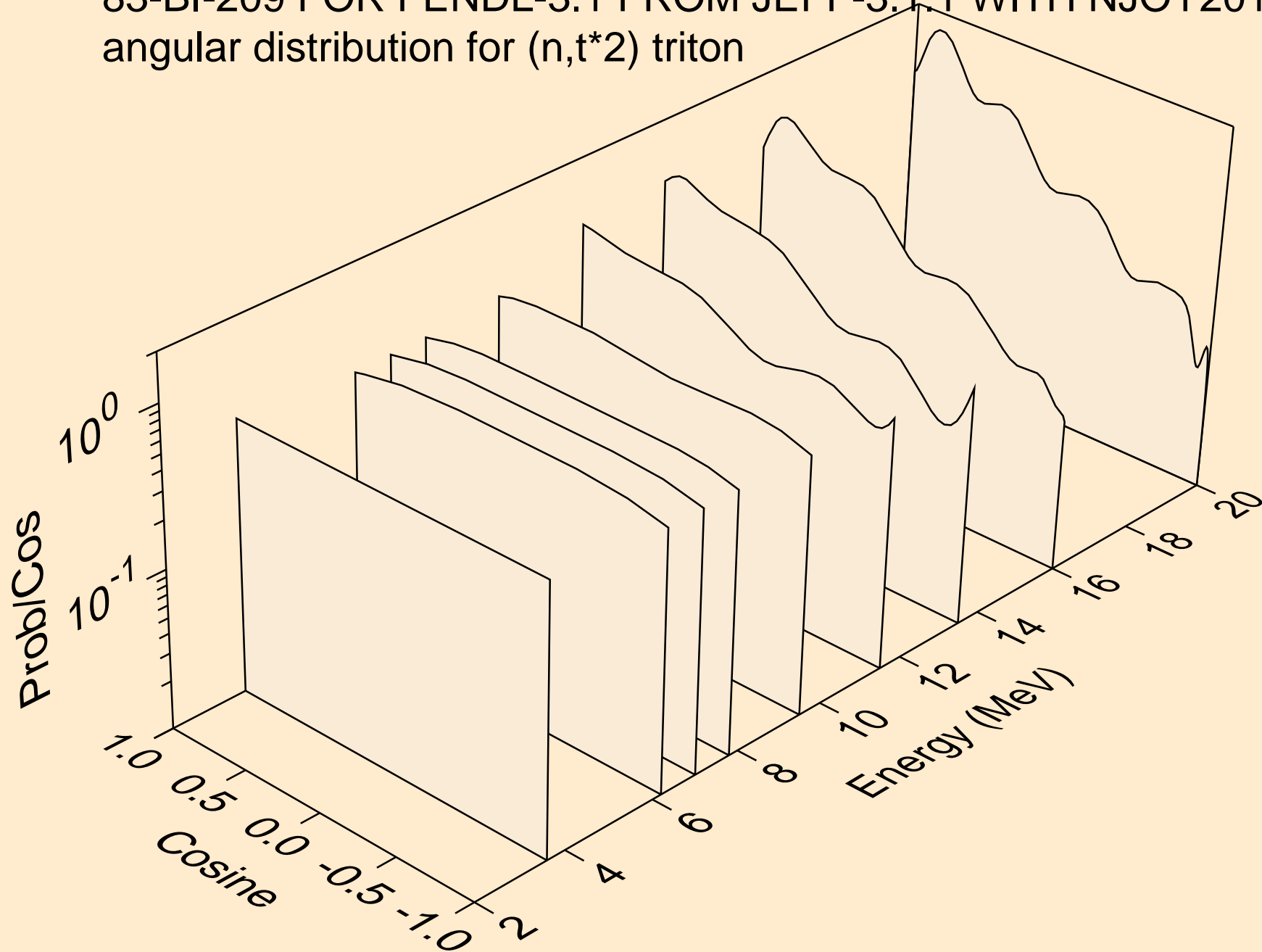
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,t\*0) triton



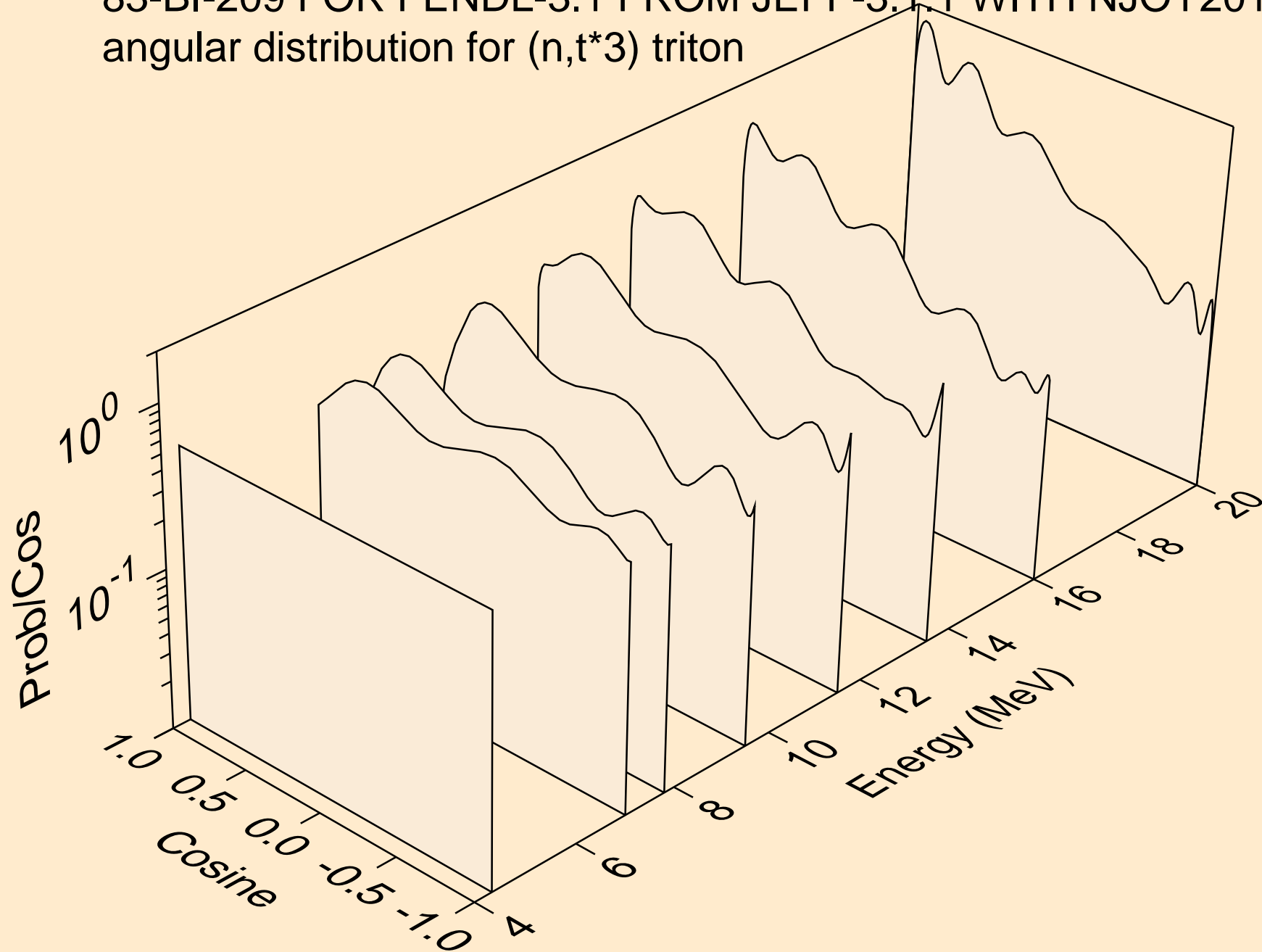
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,t\*1) triton



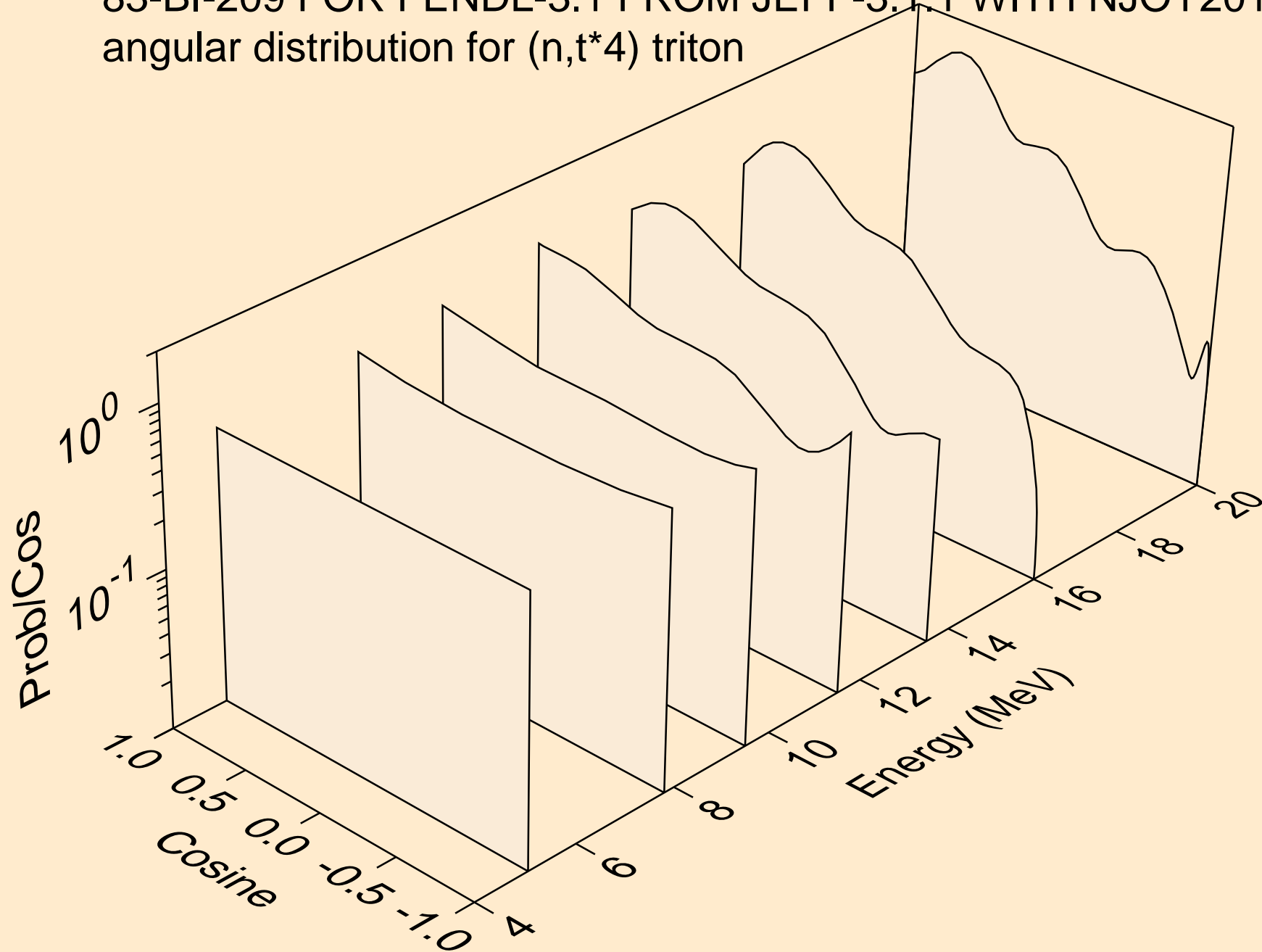
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,t\*2) triton



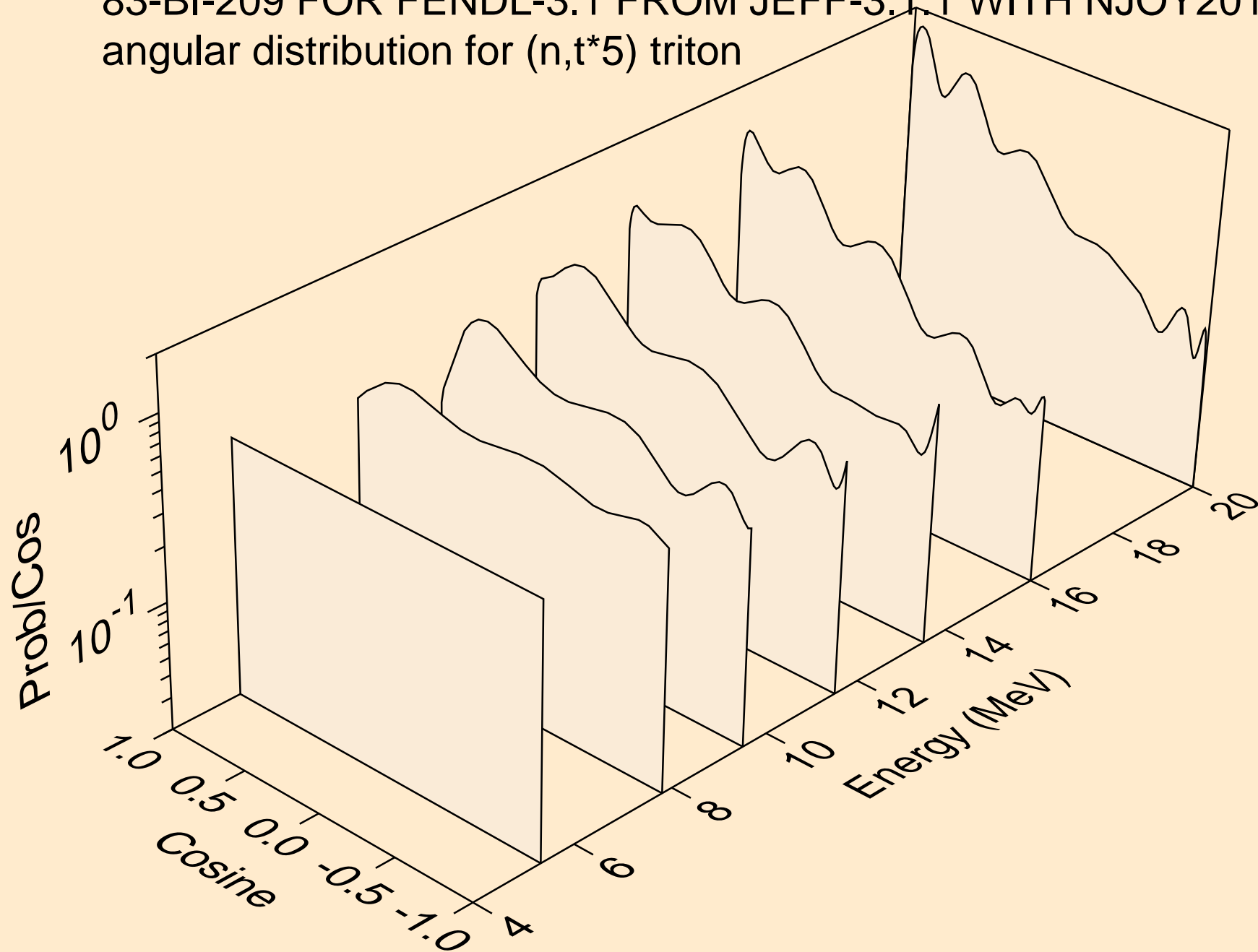
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,t\*3) triton



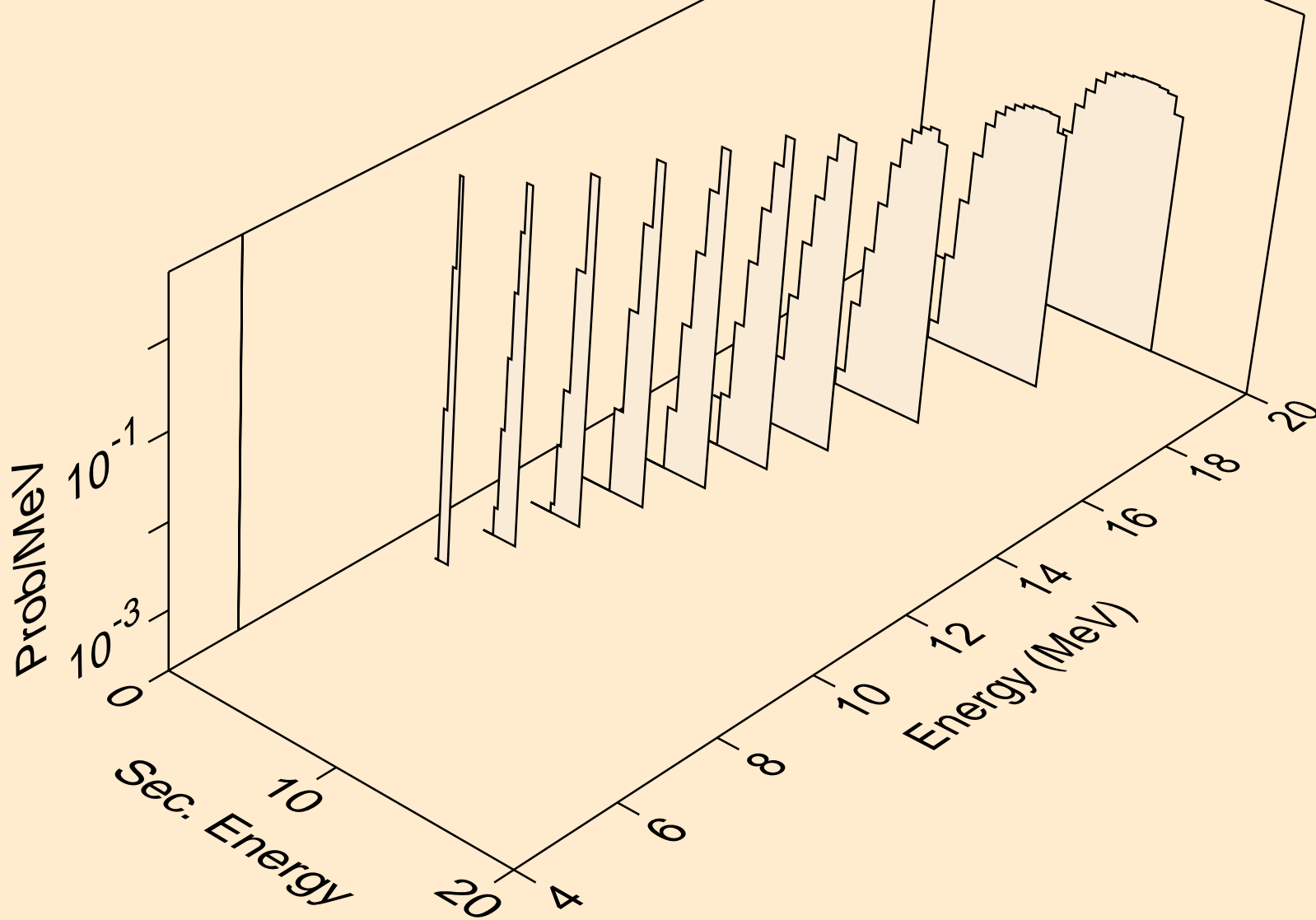
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,t\*4) triton



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,t\*5) triton

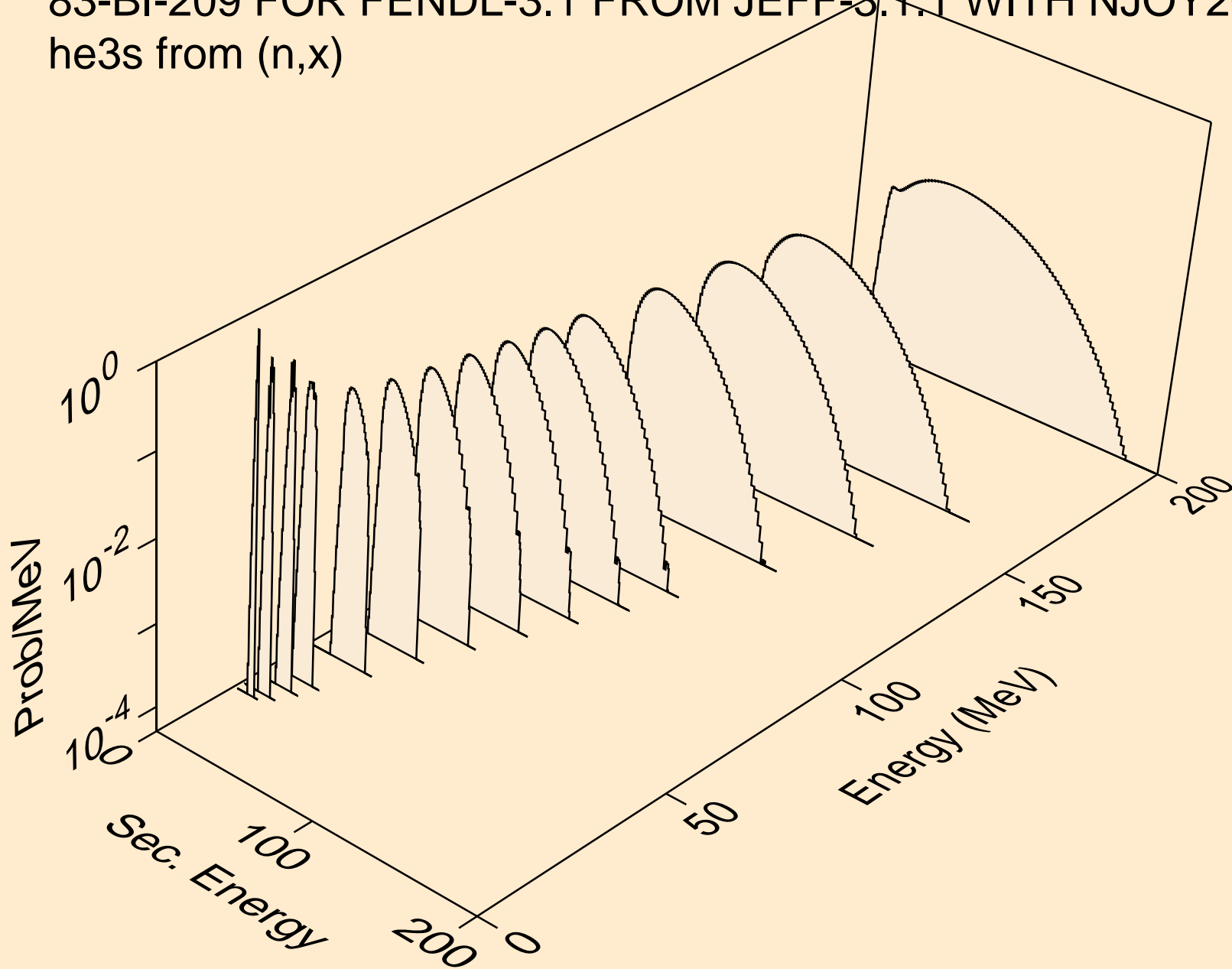


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
tritons from (n,t\*c)

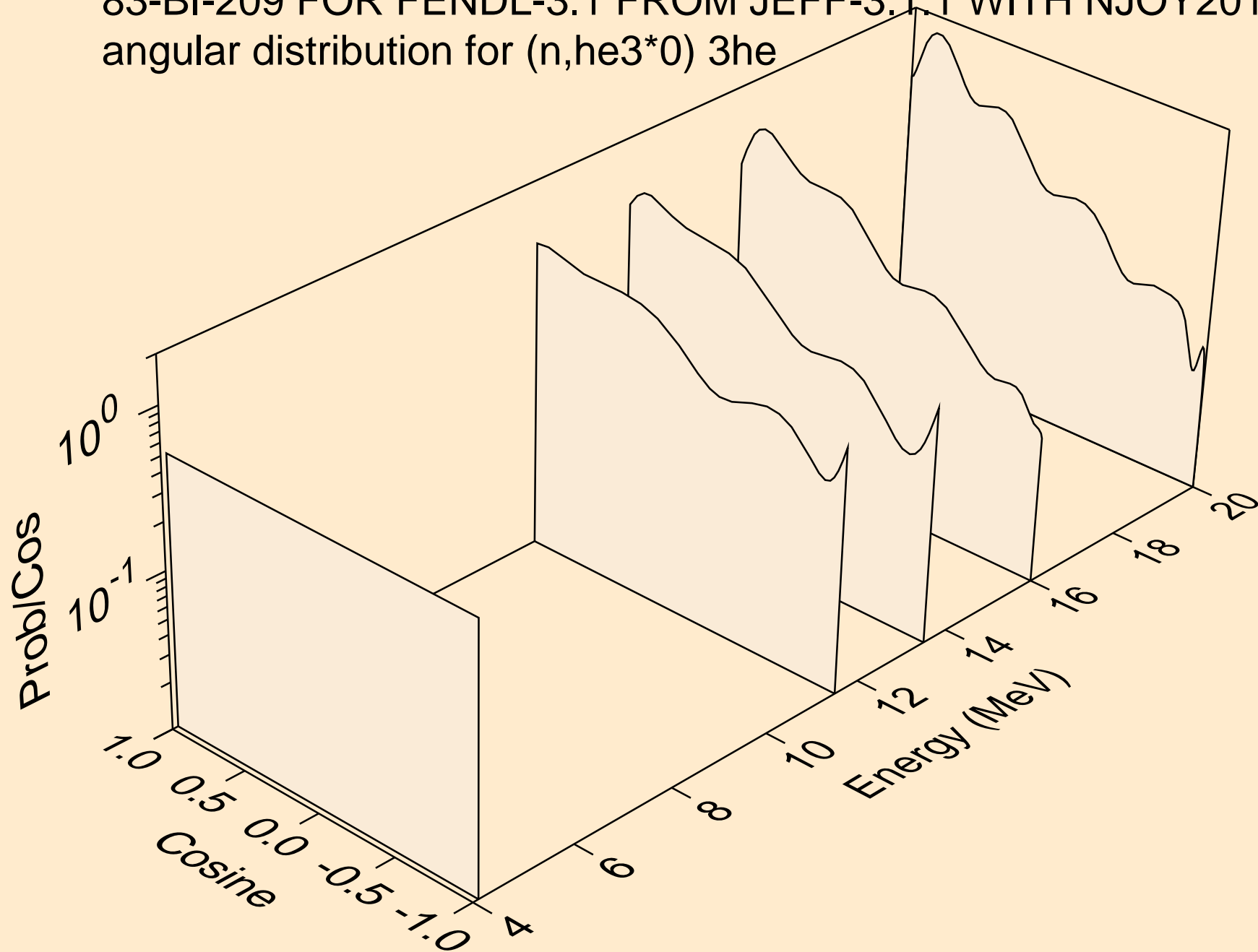




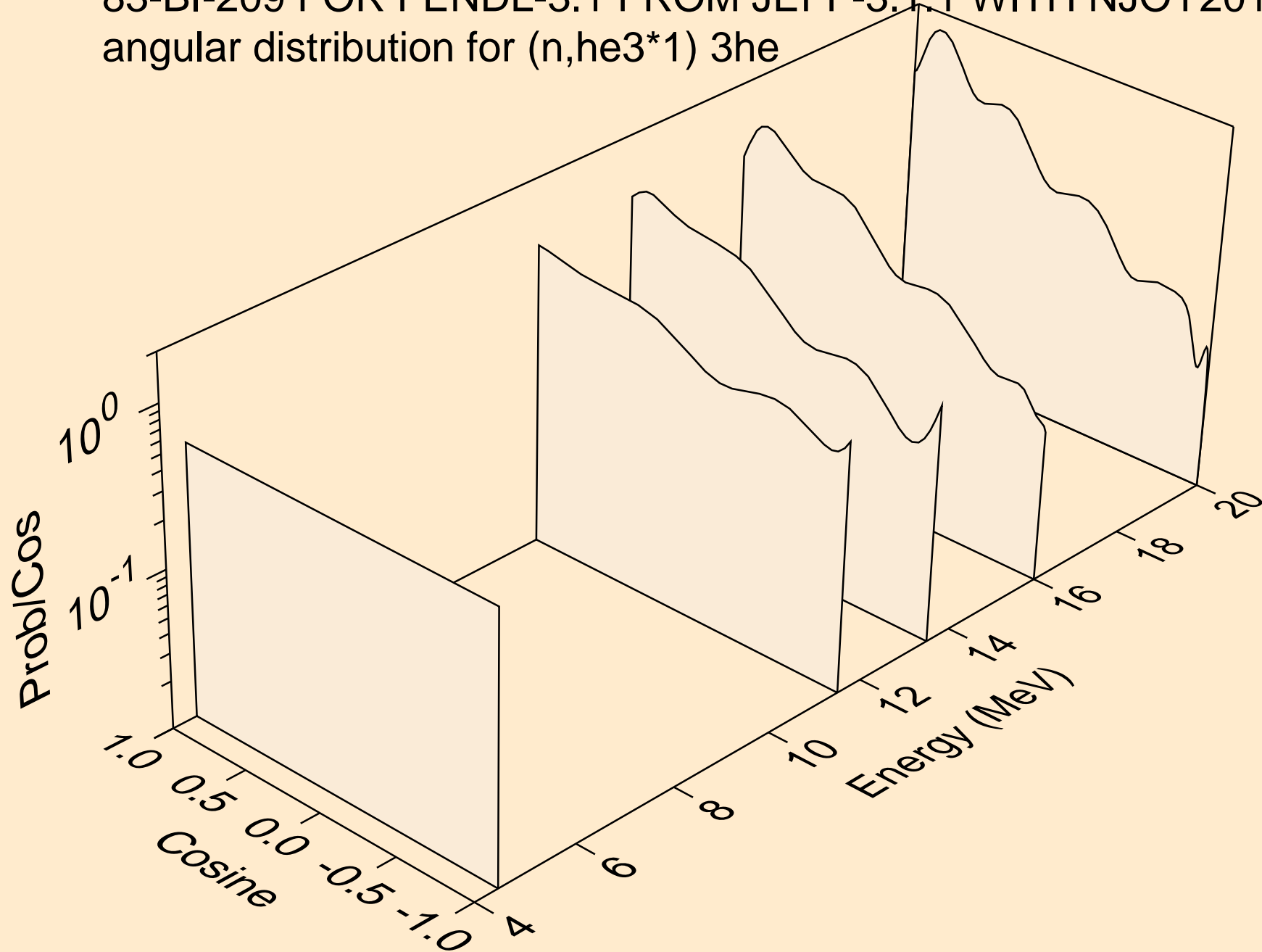
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
he3s from (n,x)



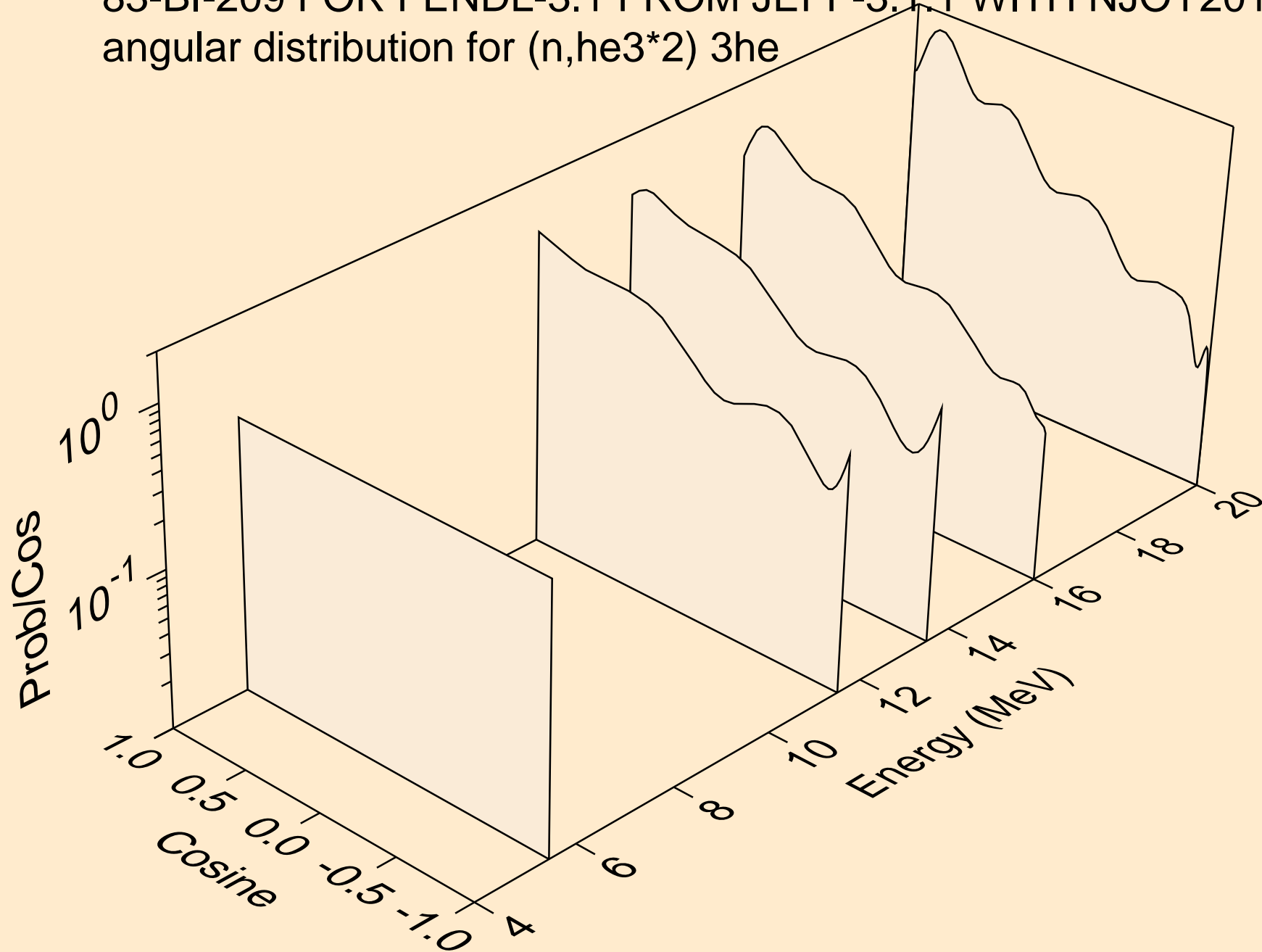
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,he3\*0) 3he



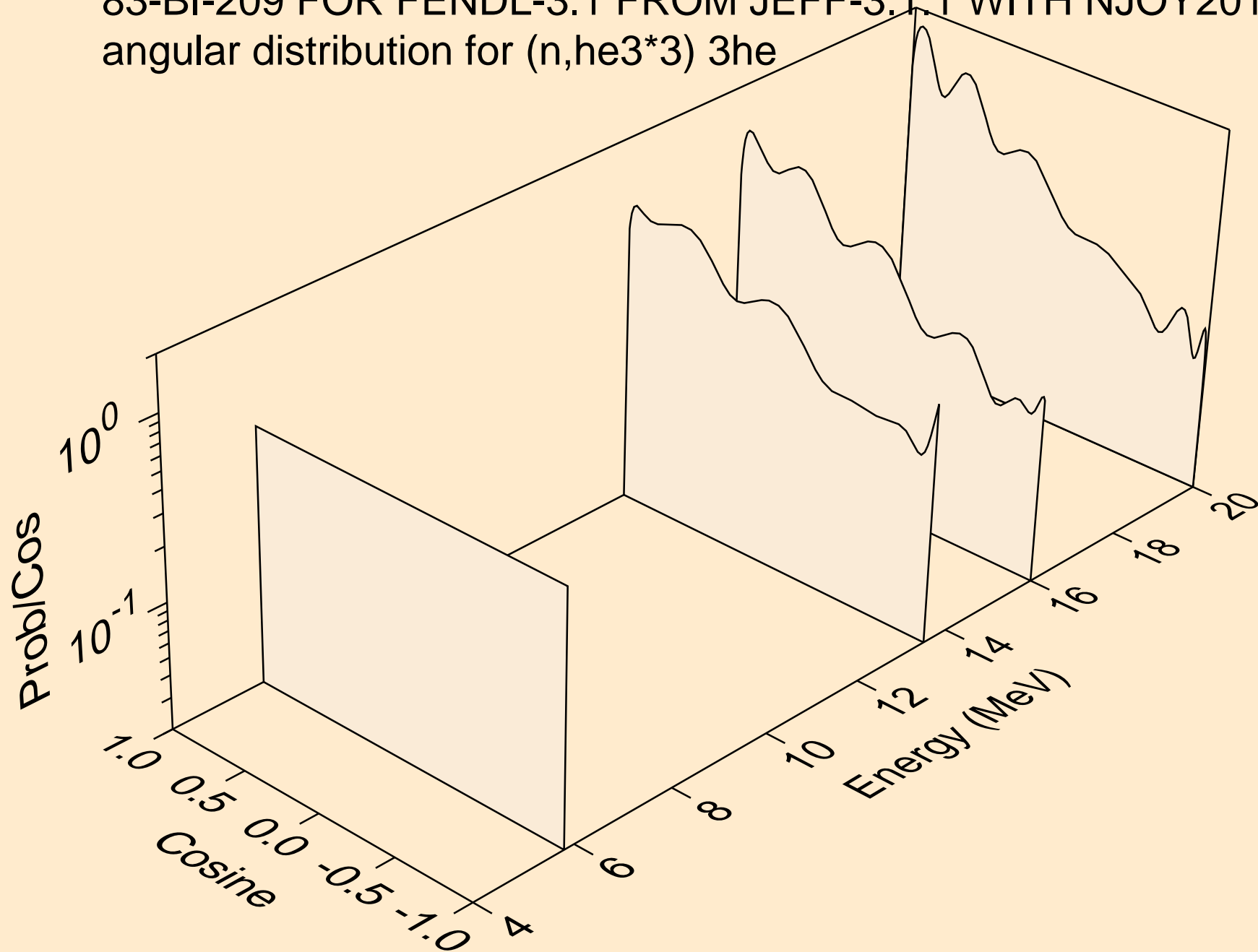
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,he3\*1) 3he



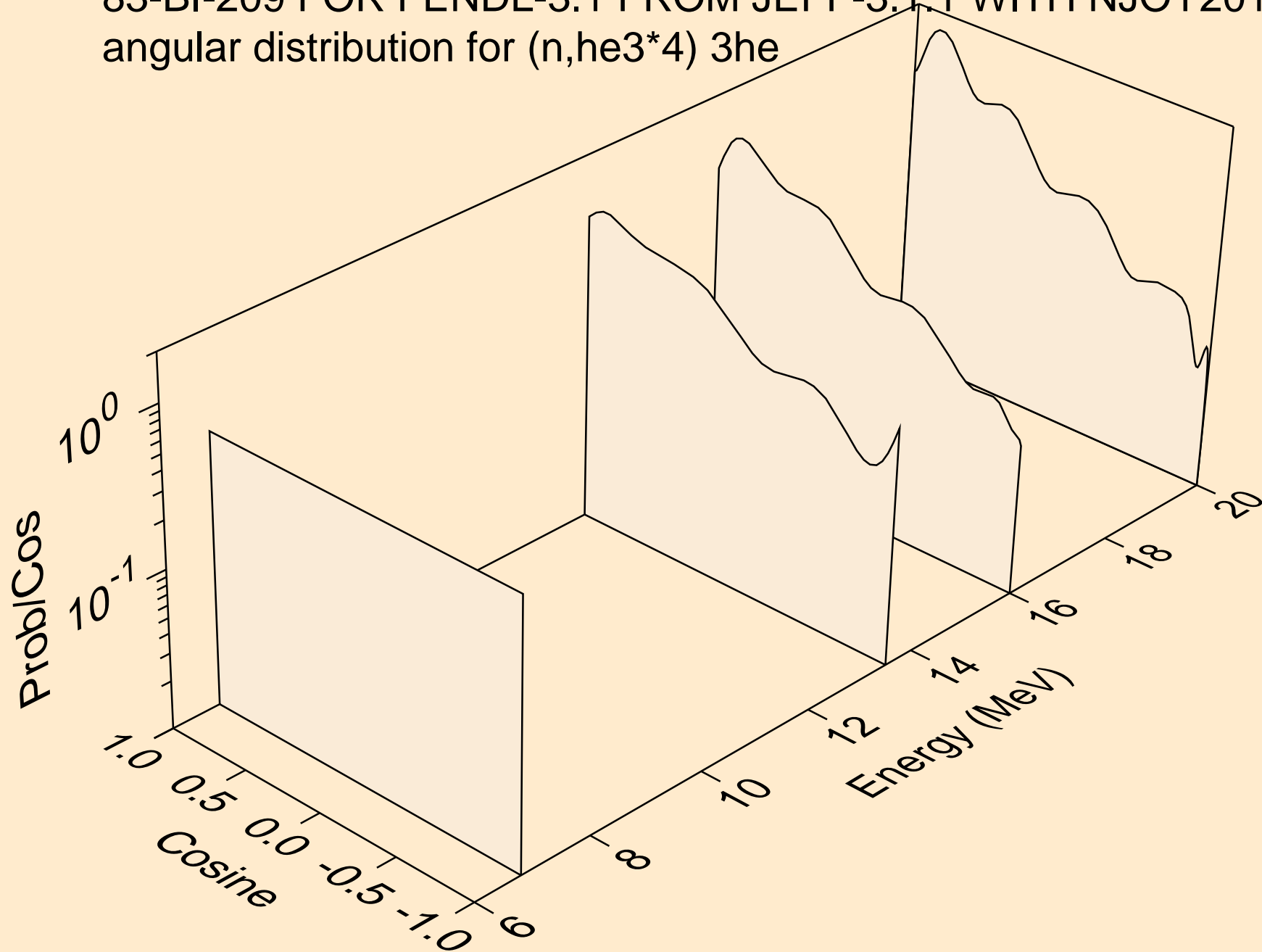
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,he3\*2) 3he



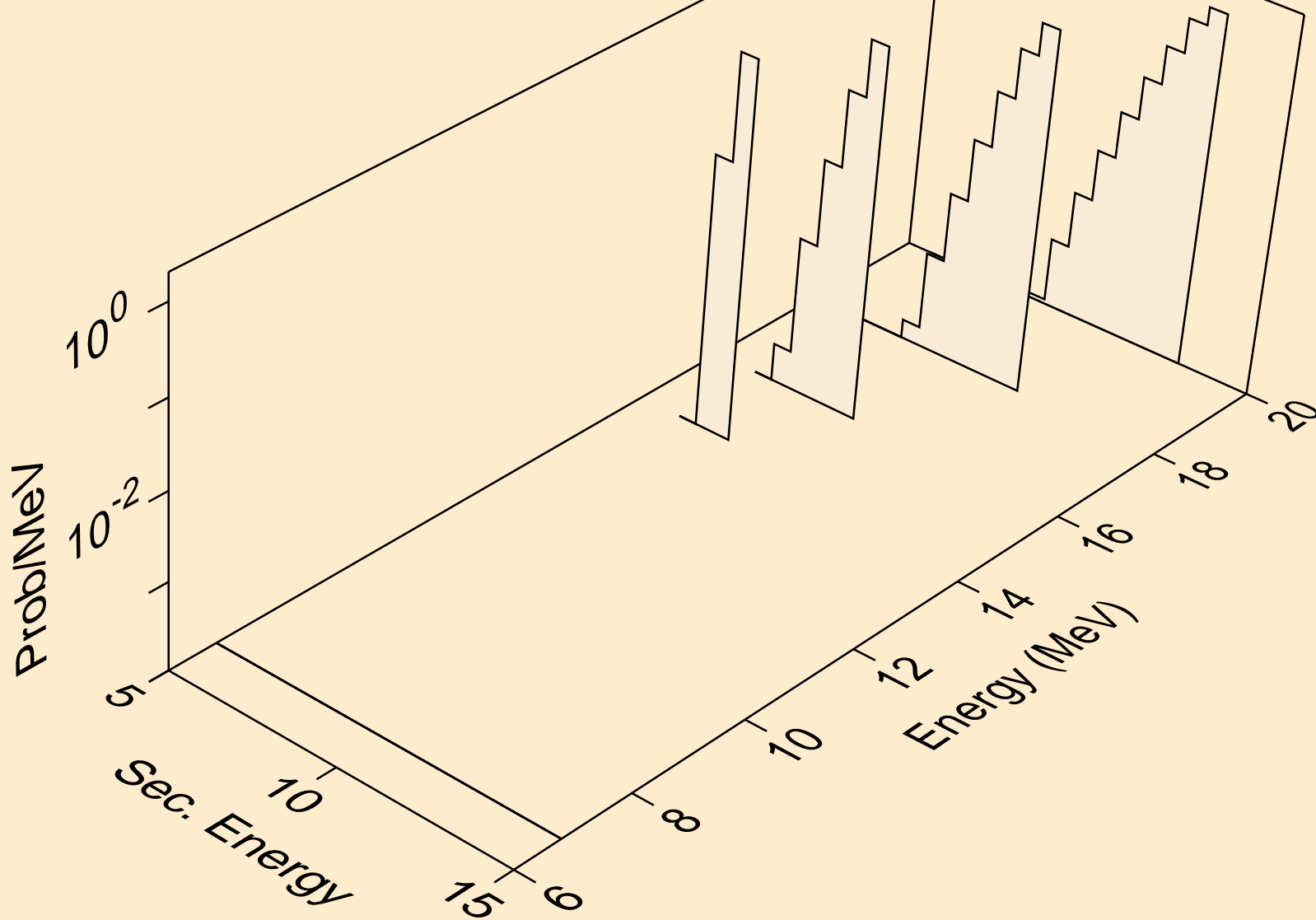
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,he3\*3) 3he



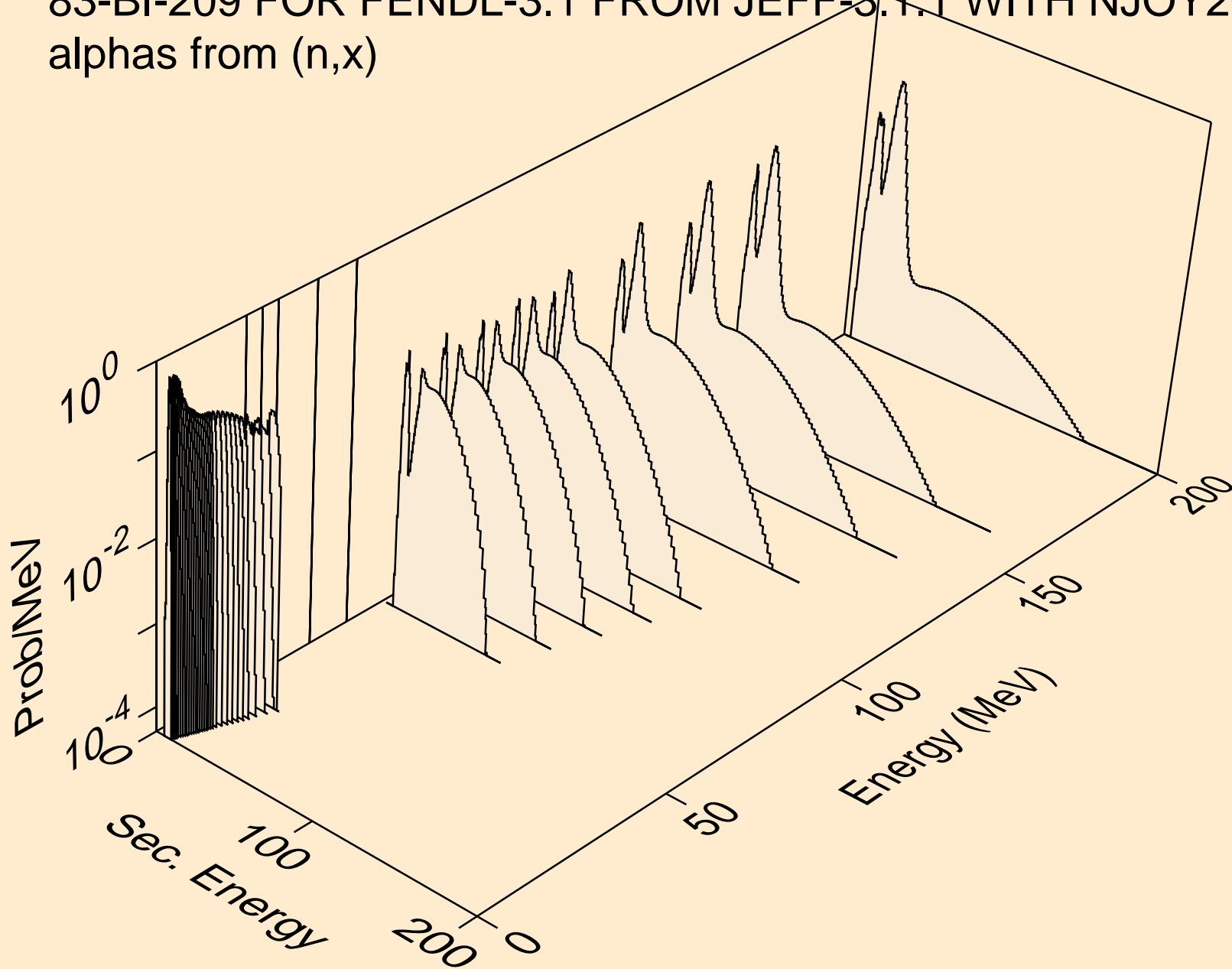
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,he3\*4) 3he



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
he3s from (n,he3\*c)

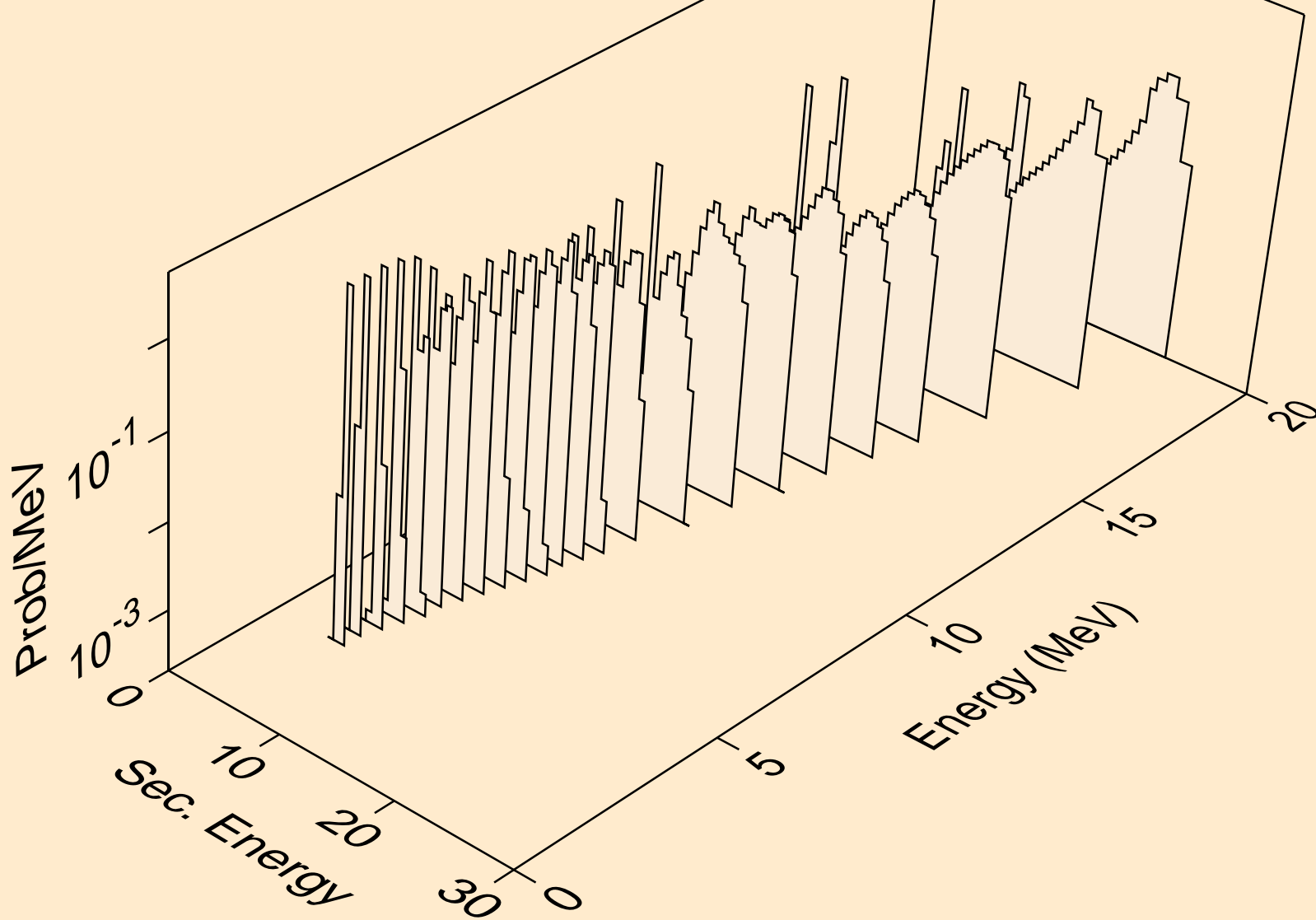


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
alphas from (n,x)

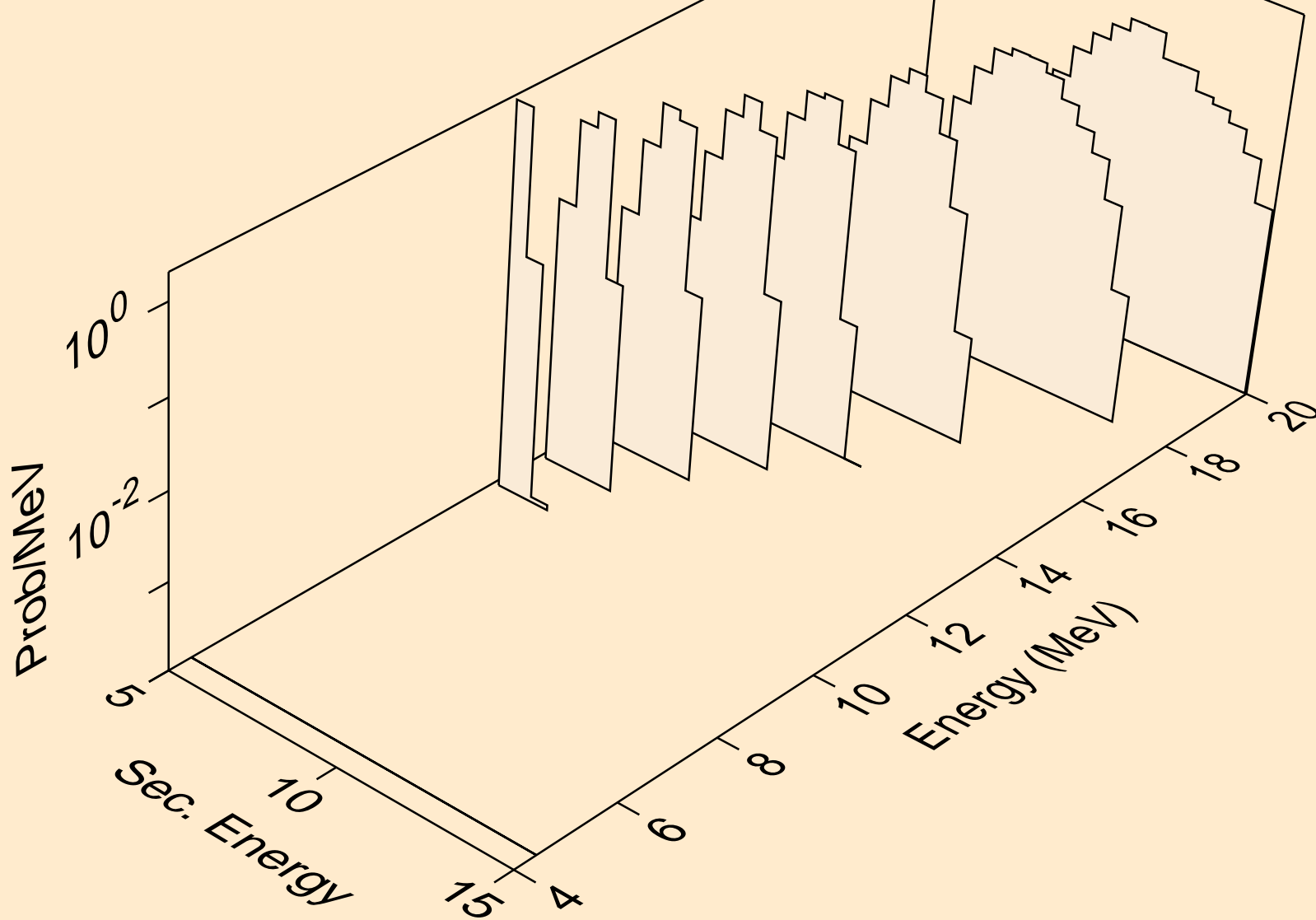




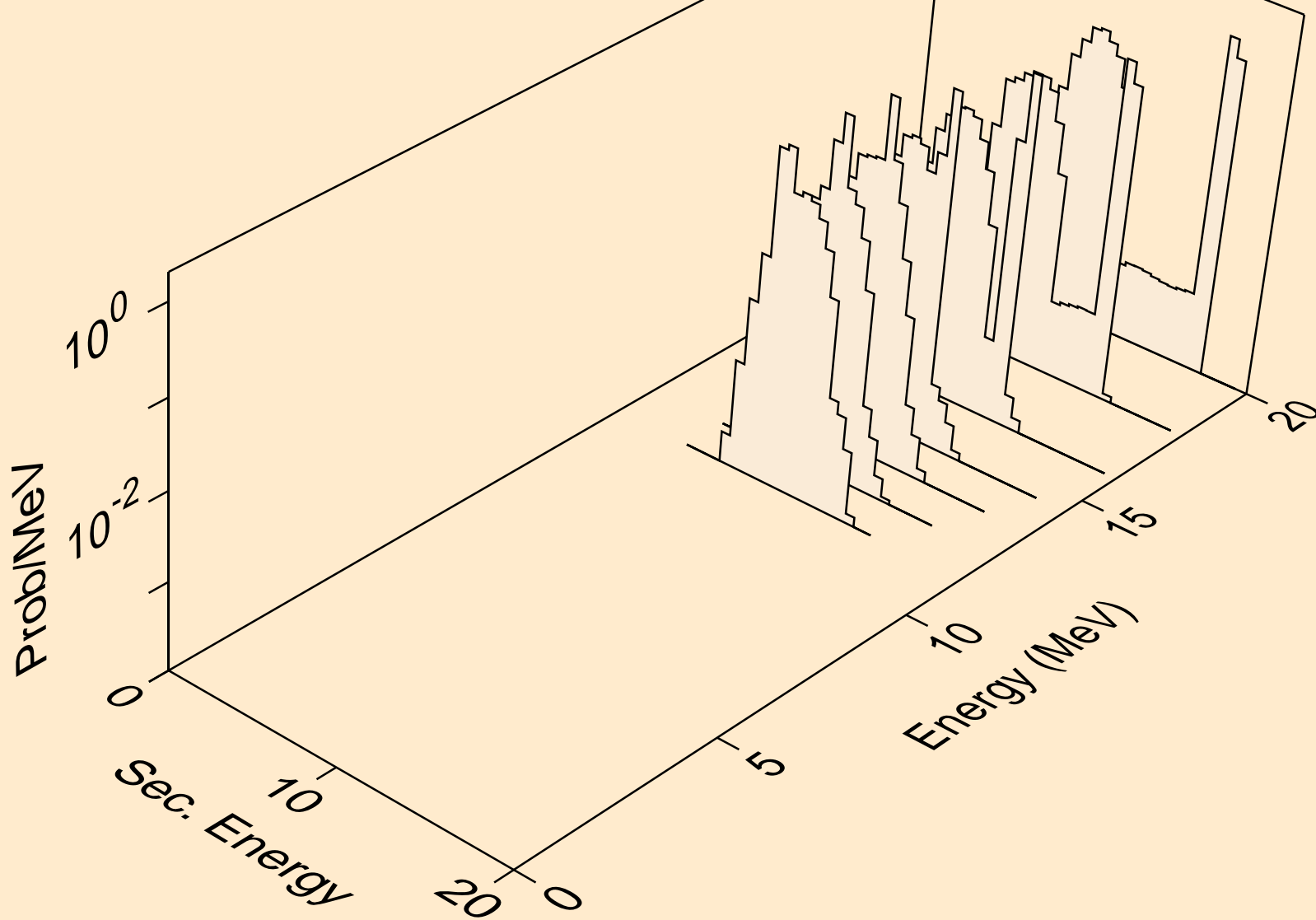
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
alphas from (n,n\*)a



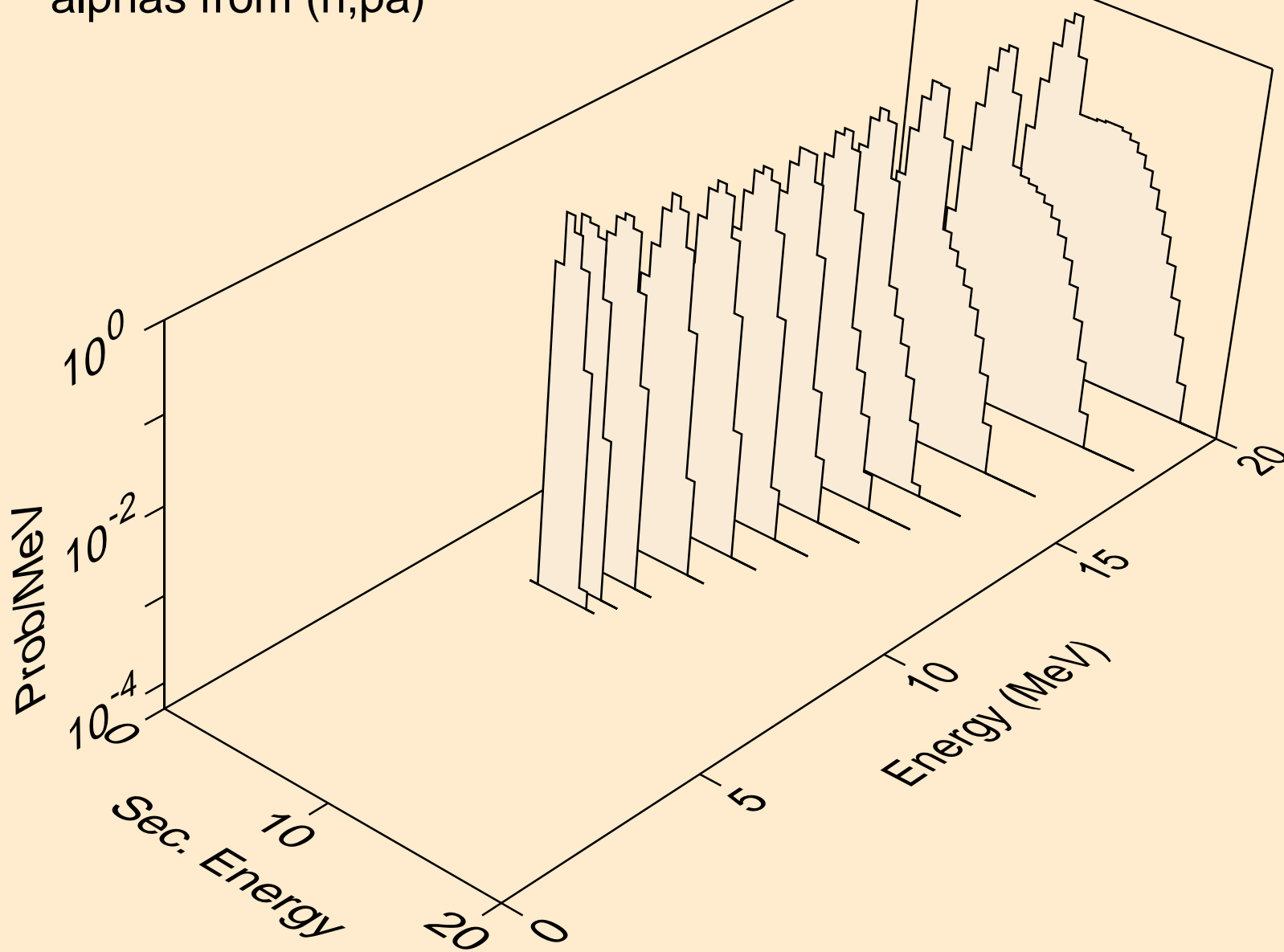
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
alphas from (n,2n)a



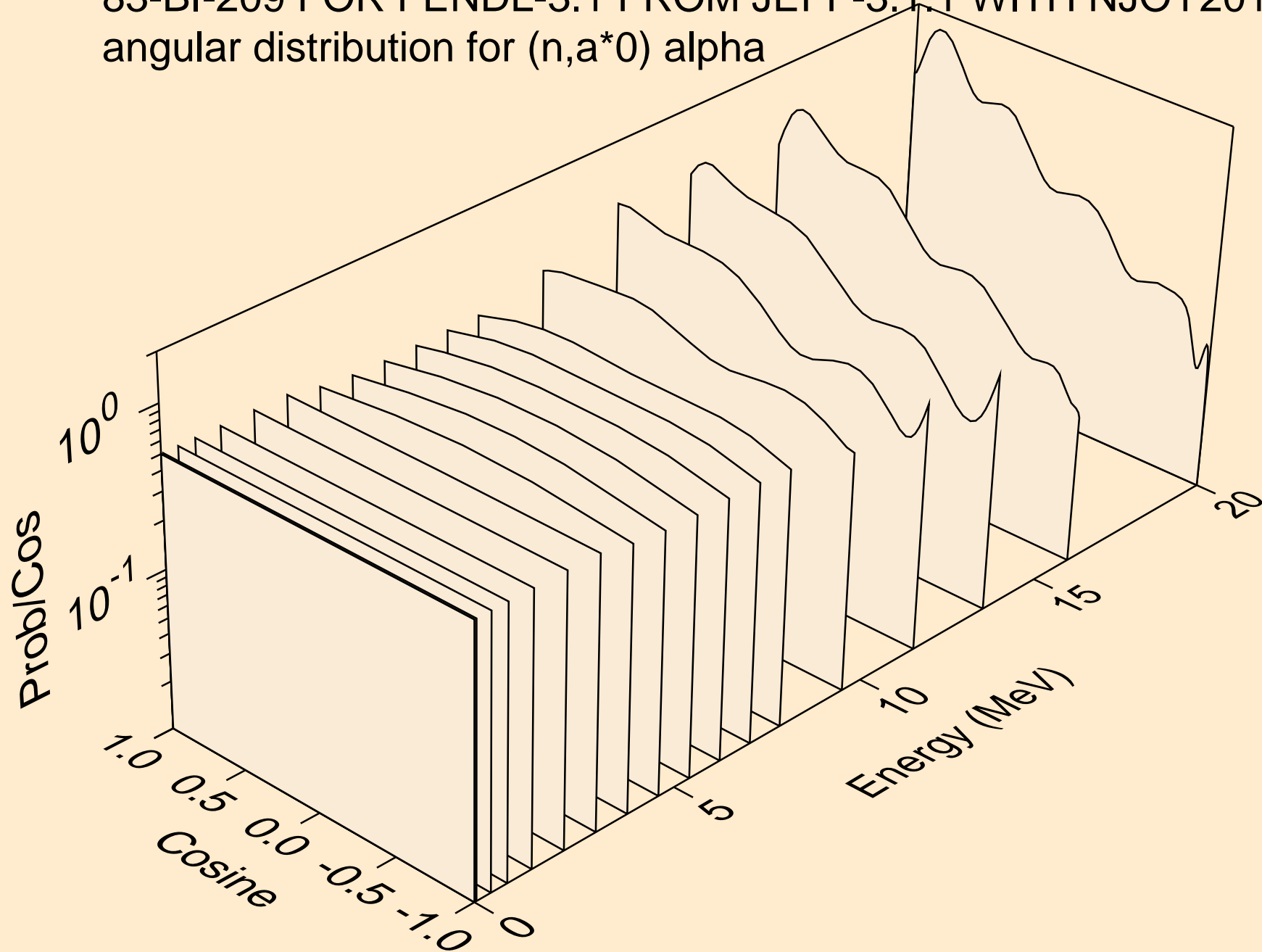
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
alphas from (n,2a)



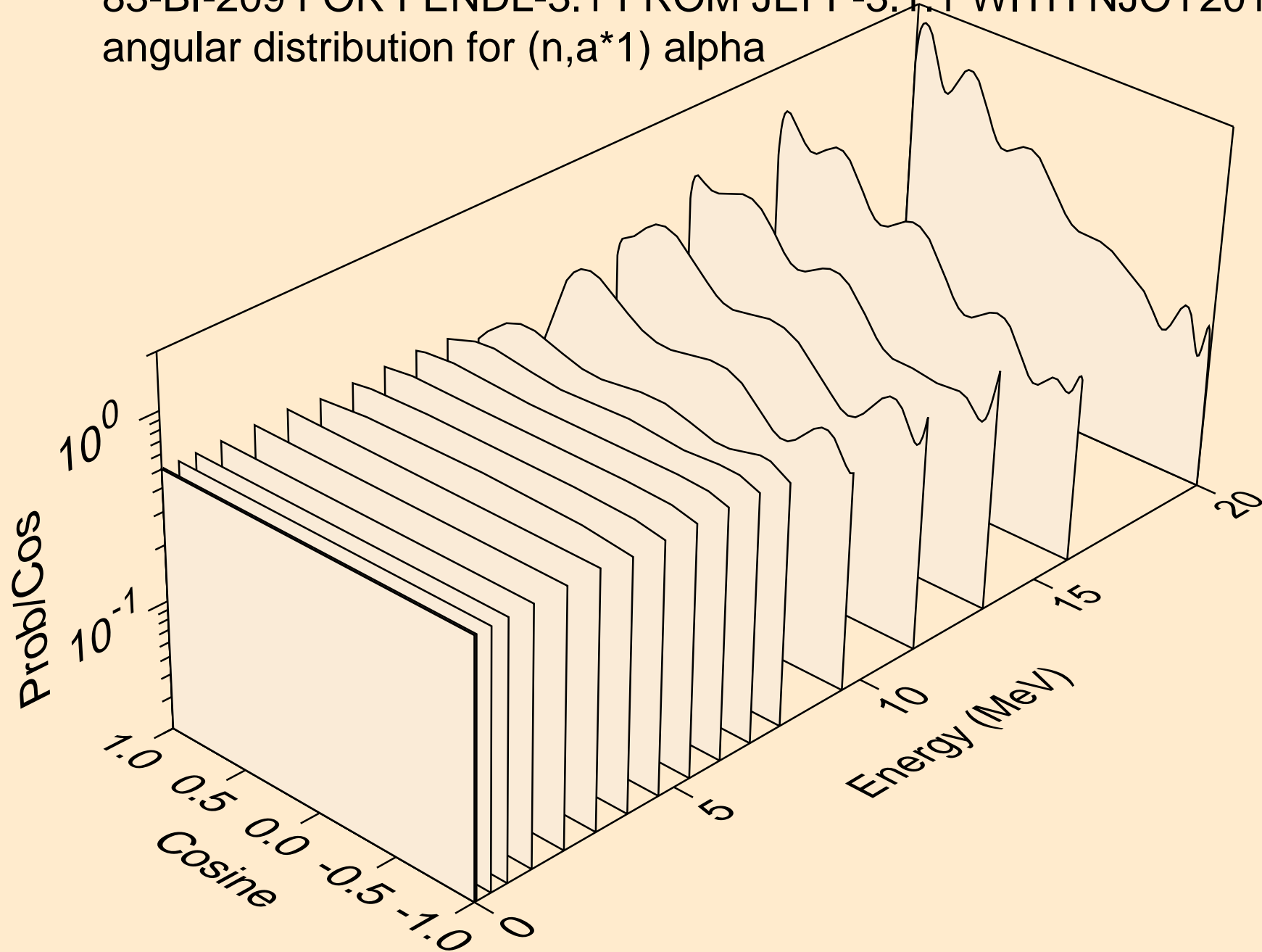
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
alphas from (n,pa)



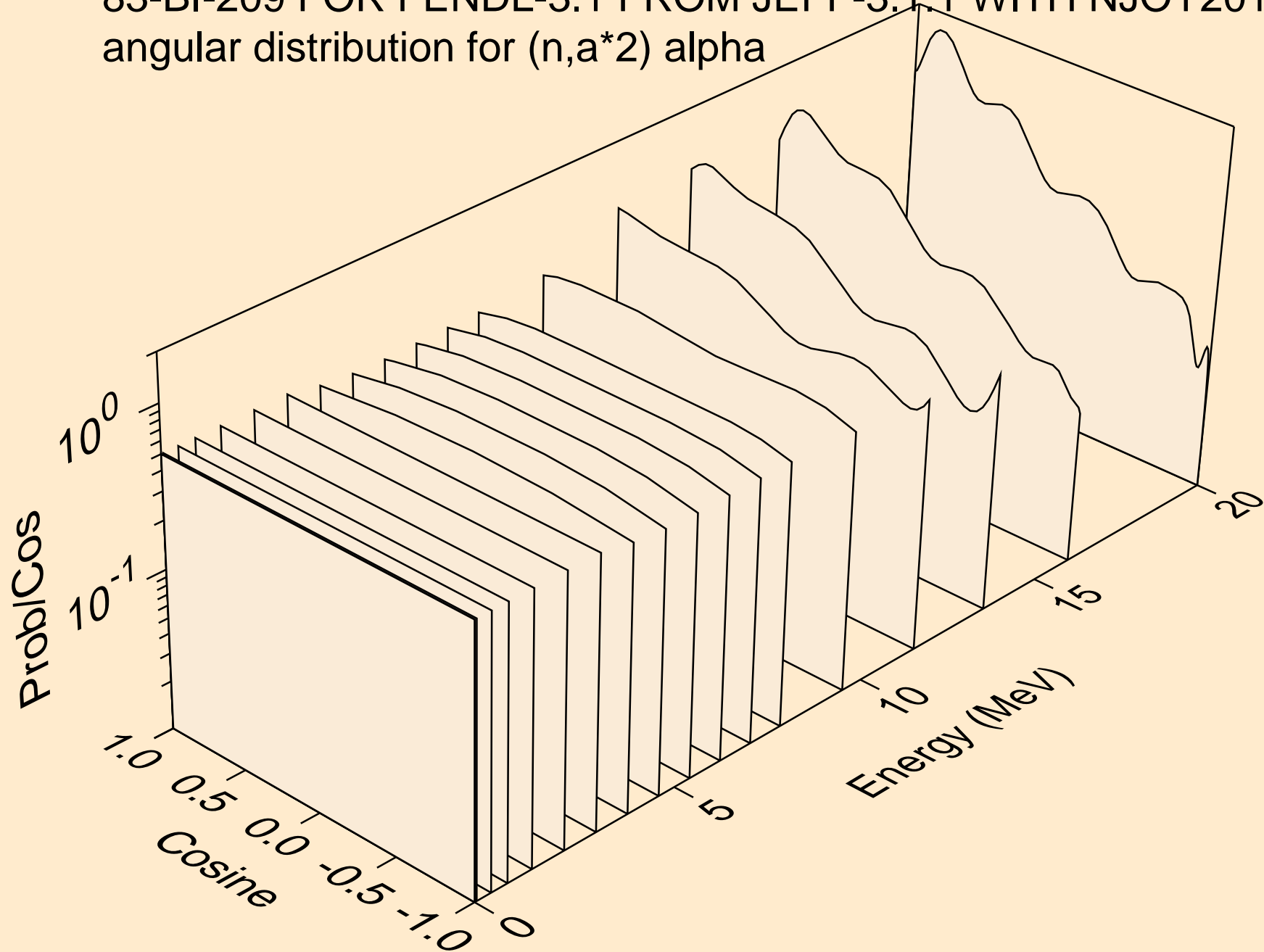
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,a\*0) alpha



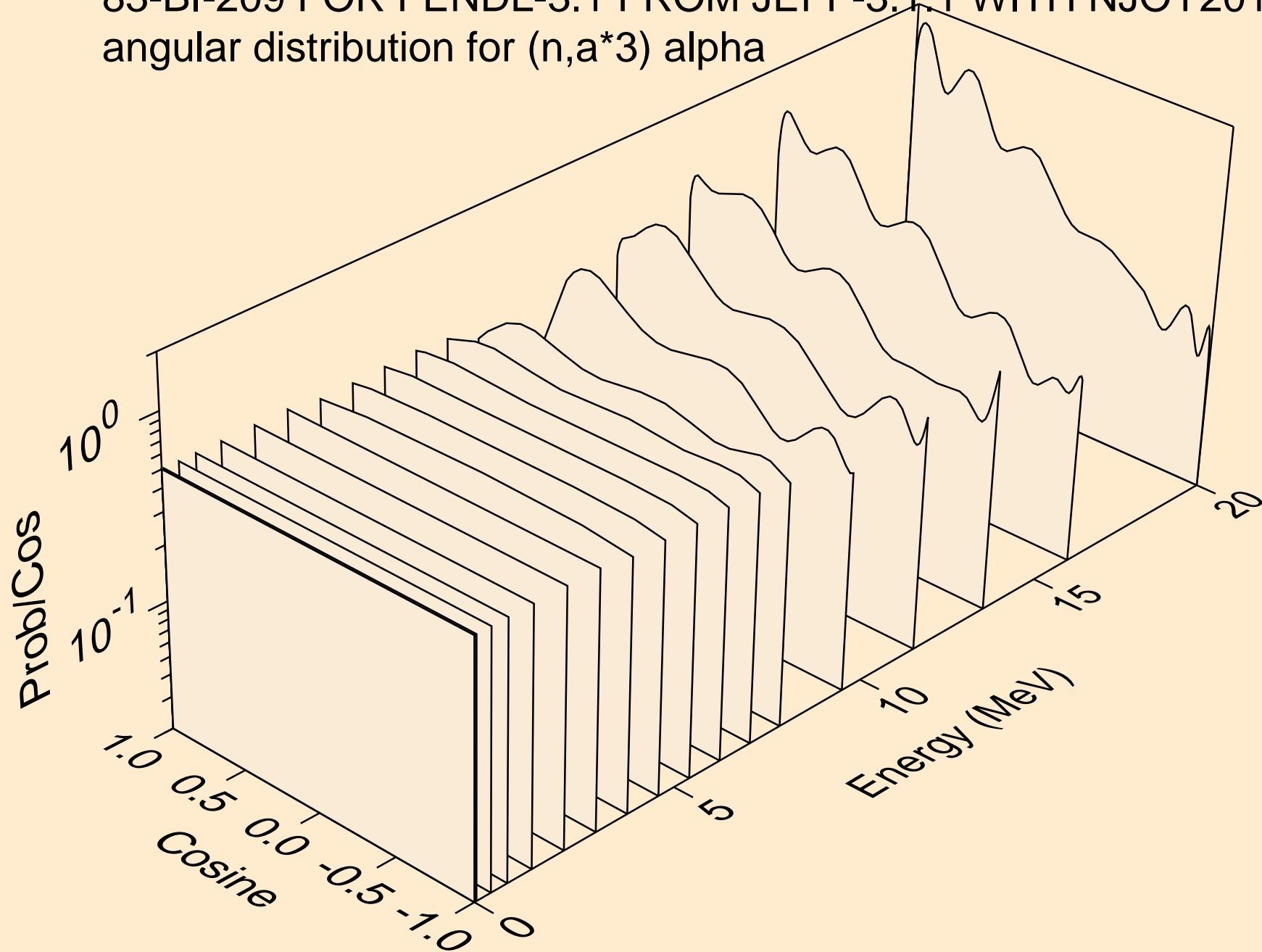
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,a\*1) alpha



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,a\*2) alpha

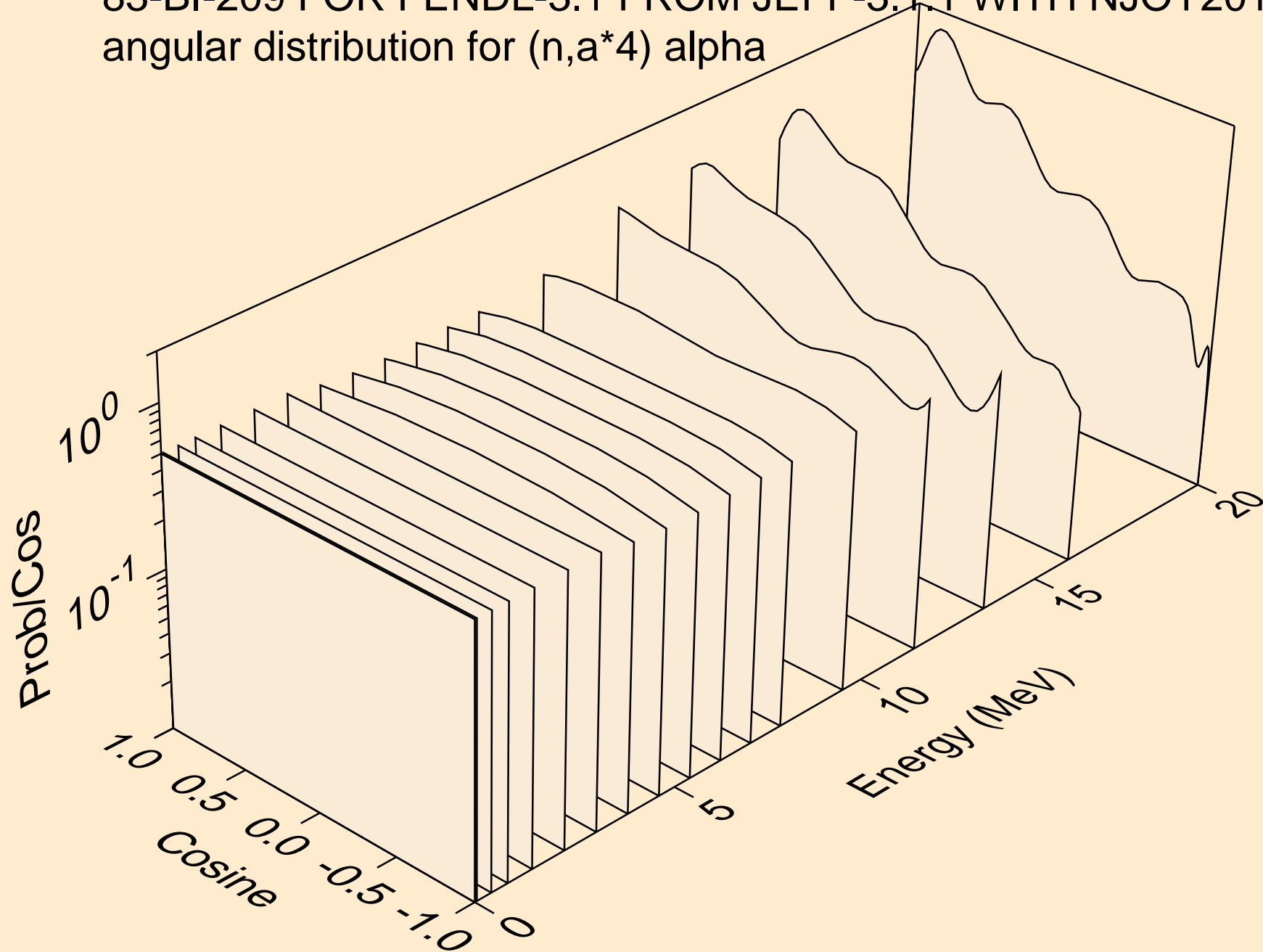


83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,a\*3) alpha

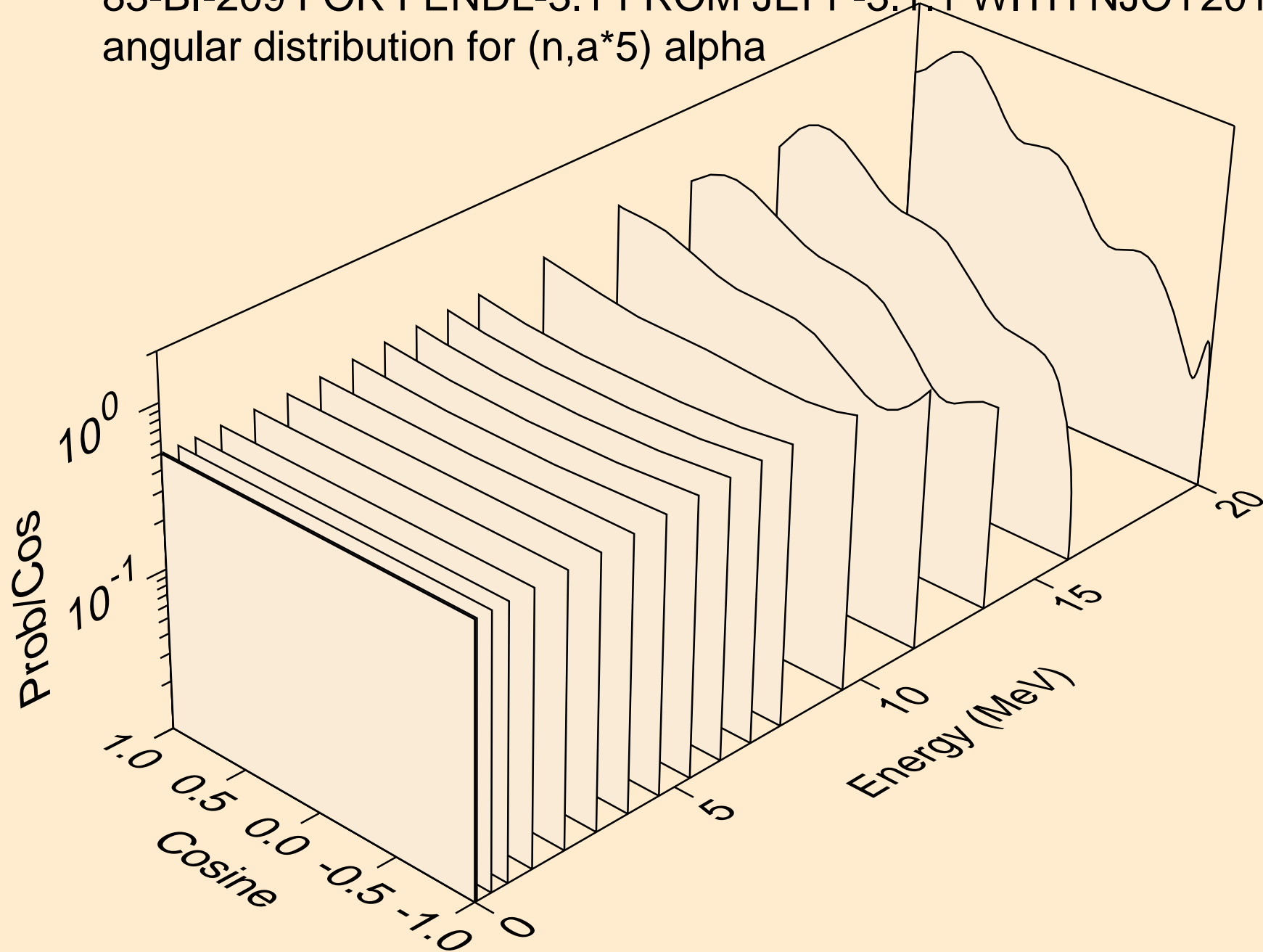




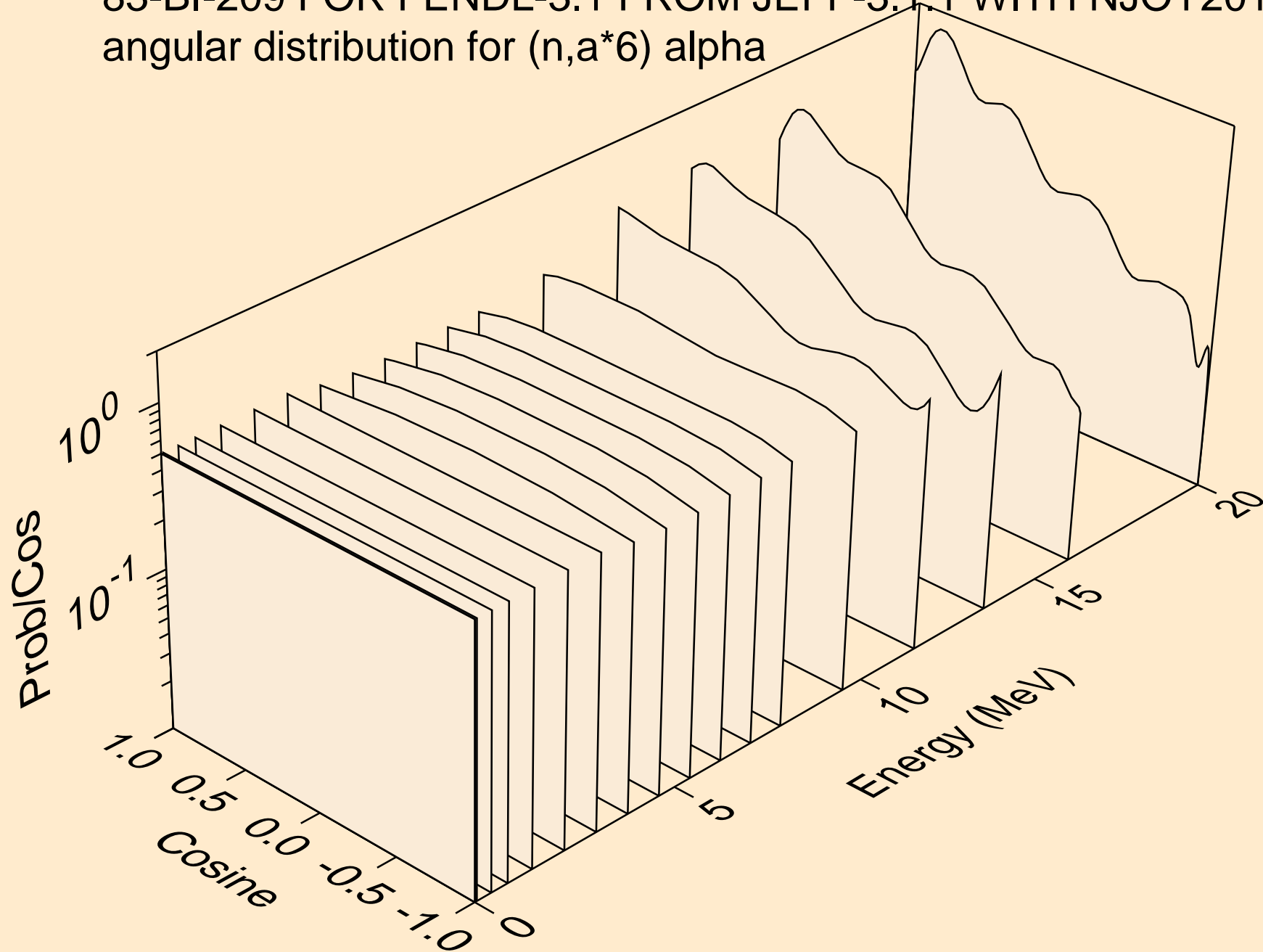
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,a\*4) alpha



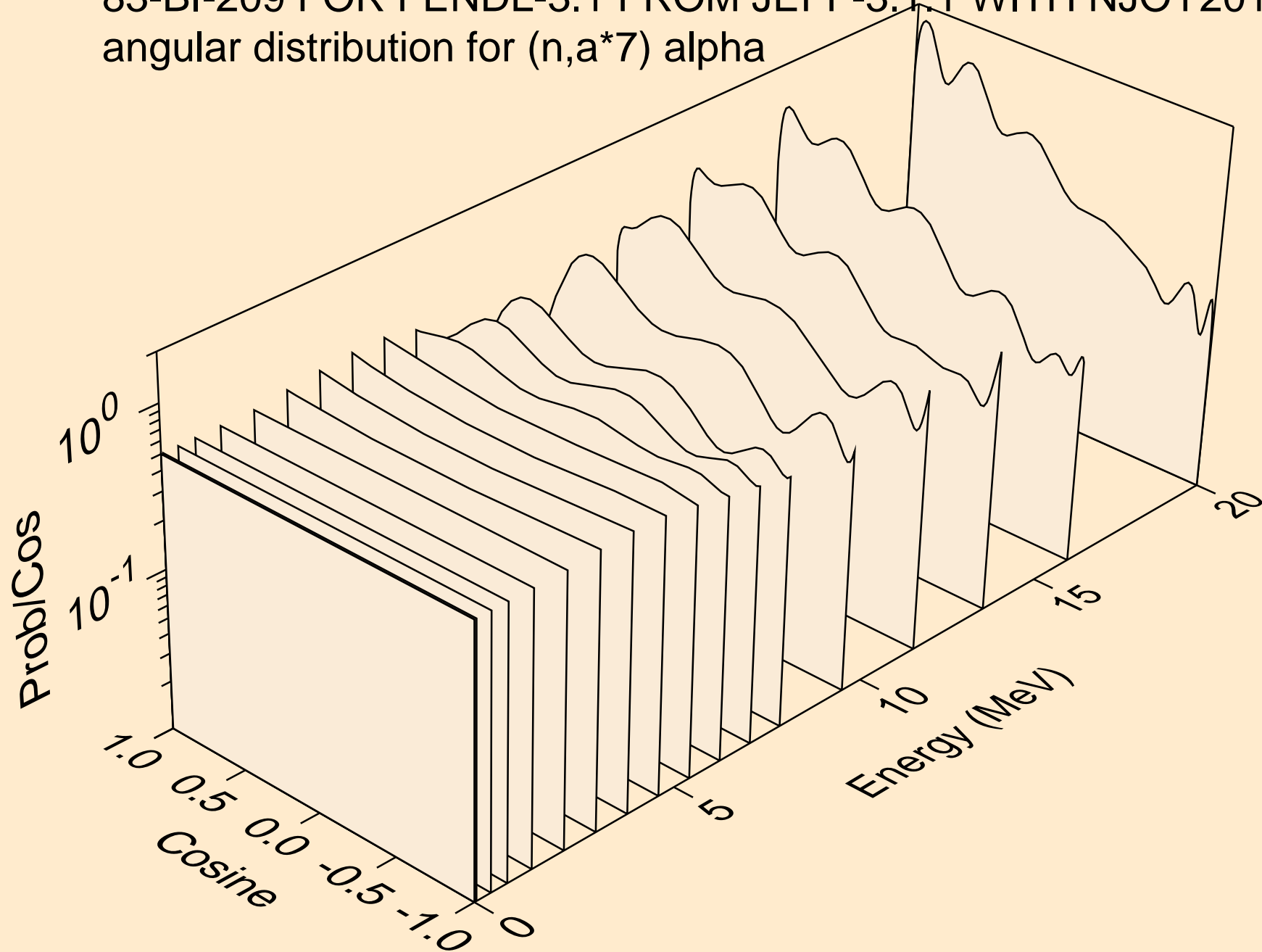
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,a\*5) alpha



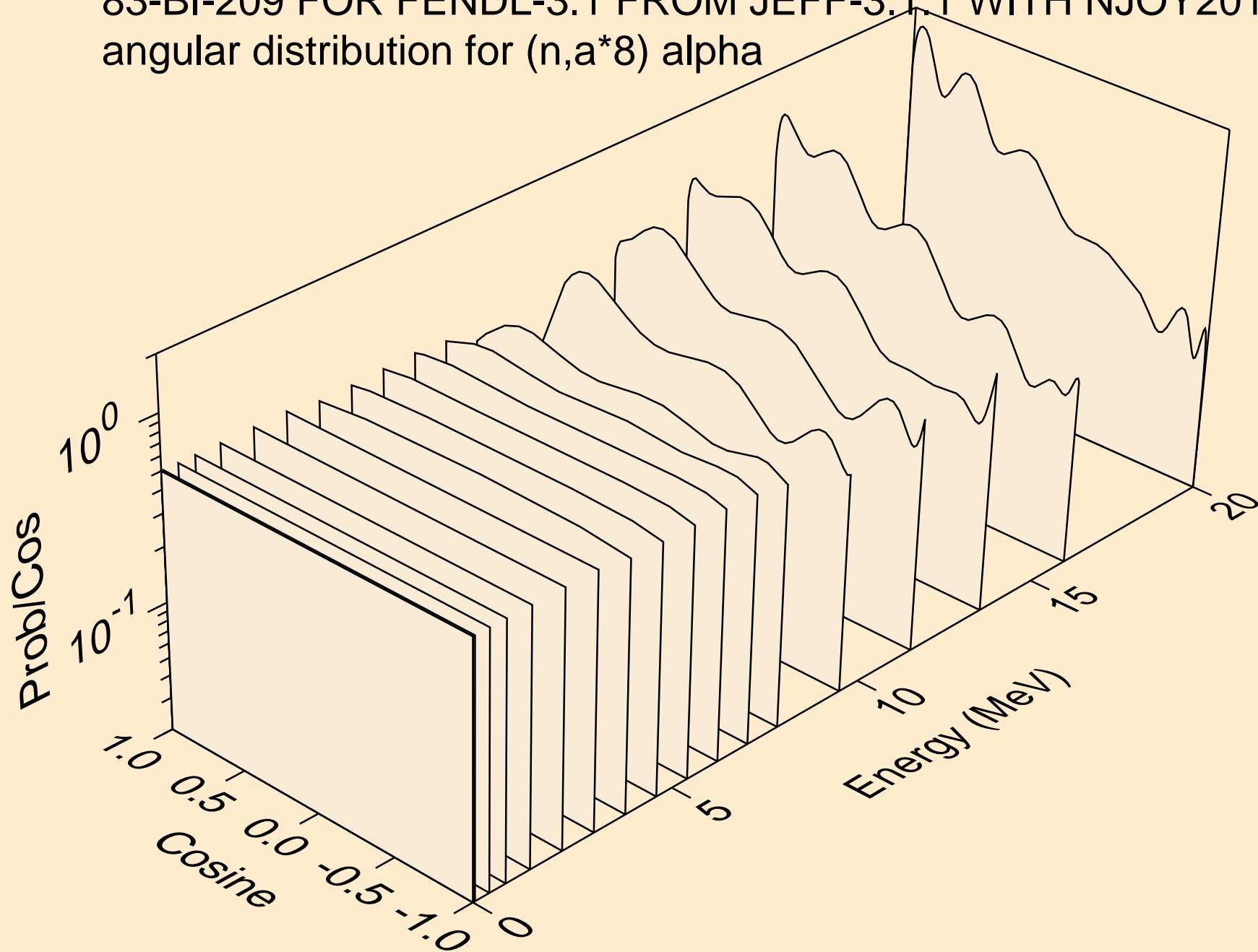
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,a\*6) alpha



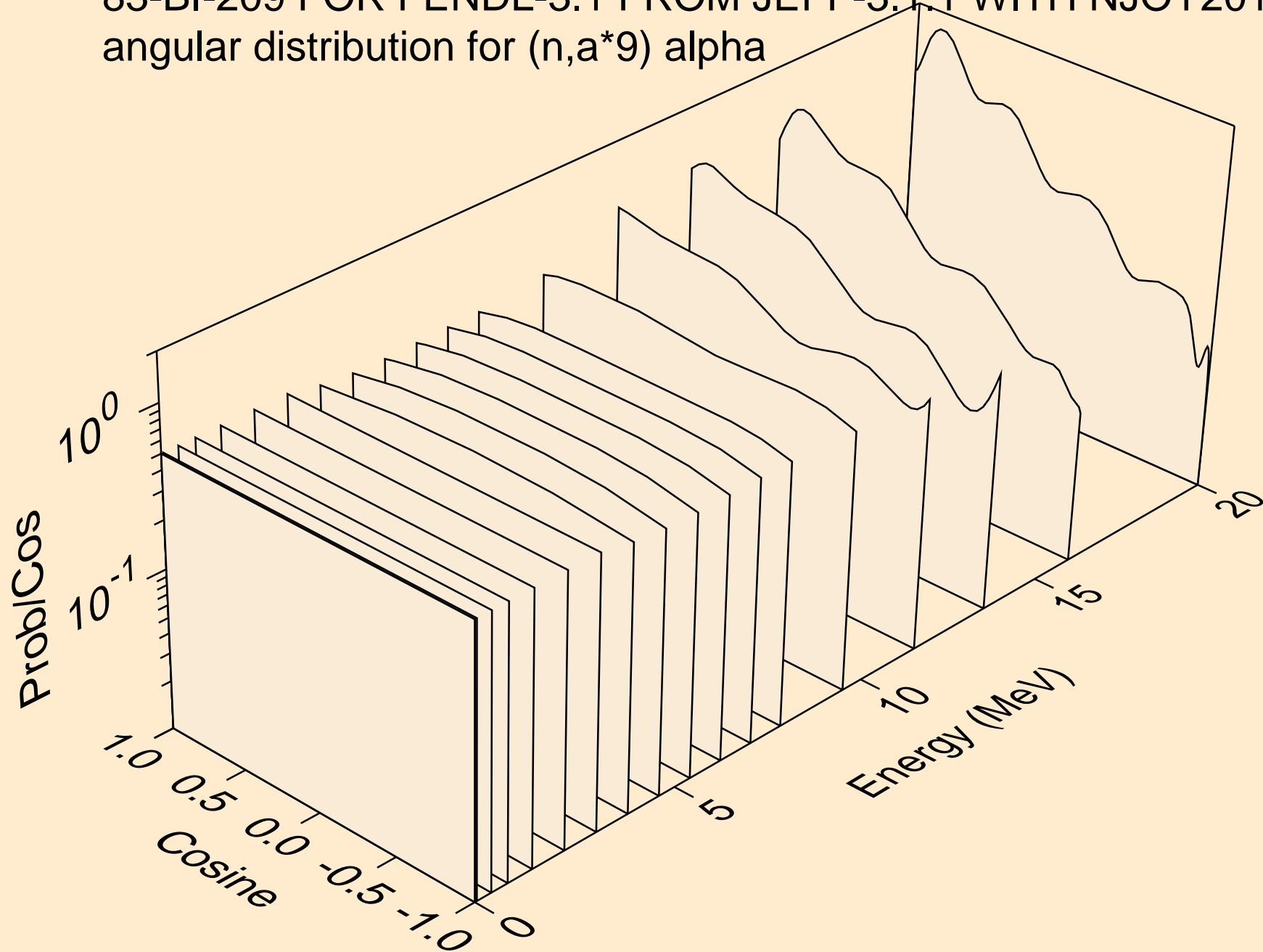
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,a\*7) alpha



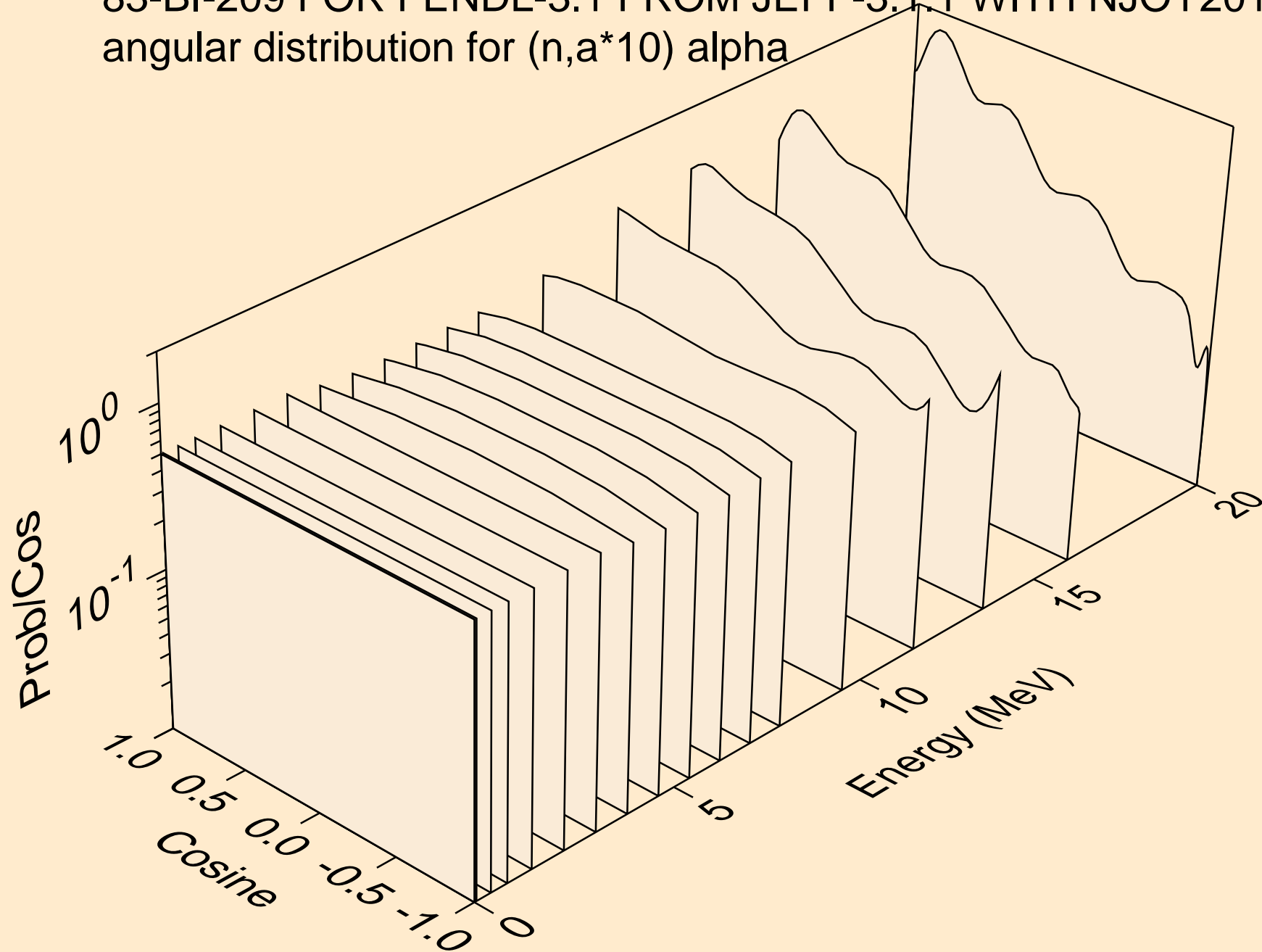
83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,a\*8) alpha



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,a\*9) alpha



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
angular distribution for (n,a\*10) alpha



83-BI-209 FOR FENDL-3.1 FROM JEFF-3.1.1 WITH NJOY2012.50+  
alphas from (n,a\*c)

