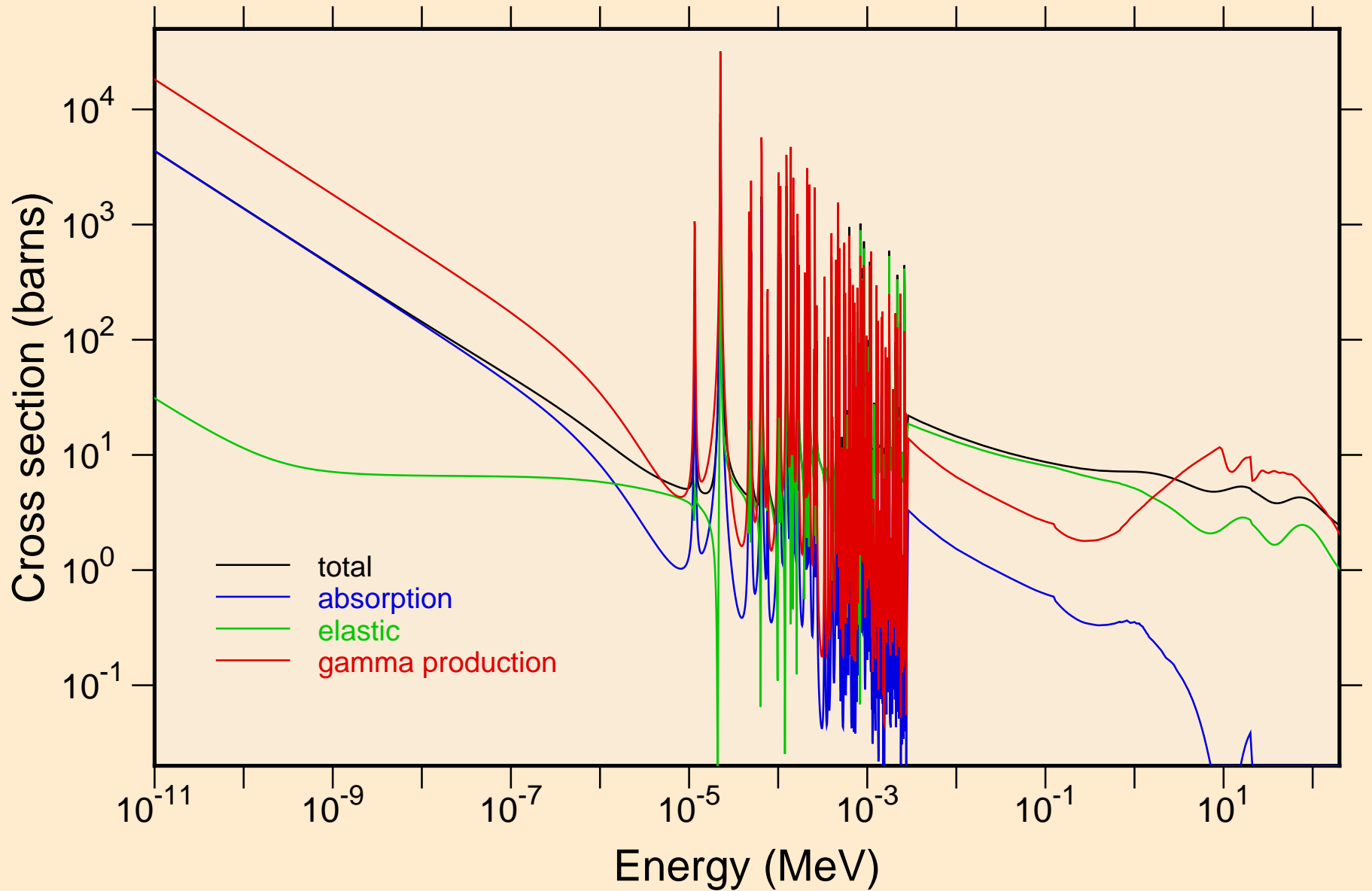
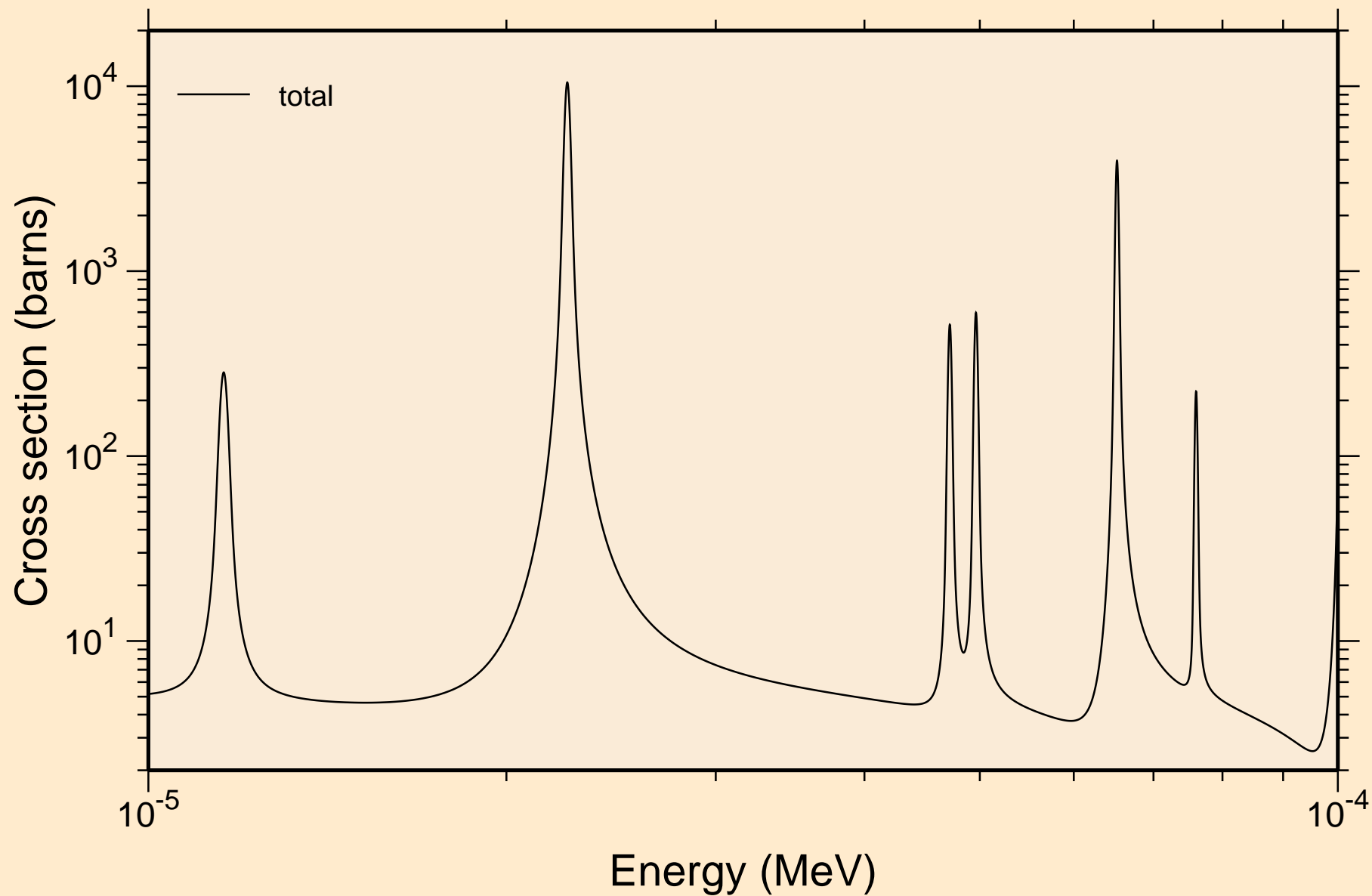


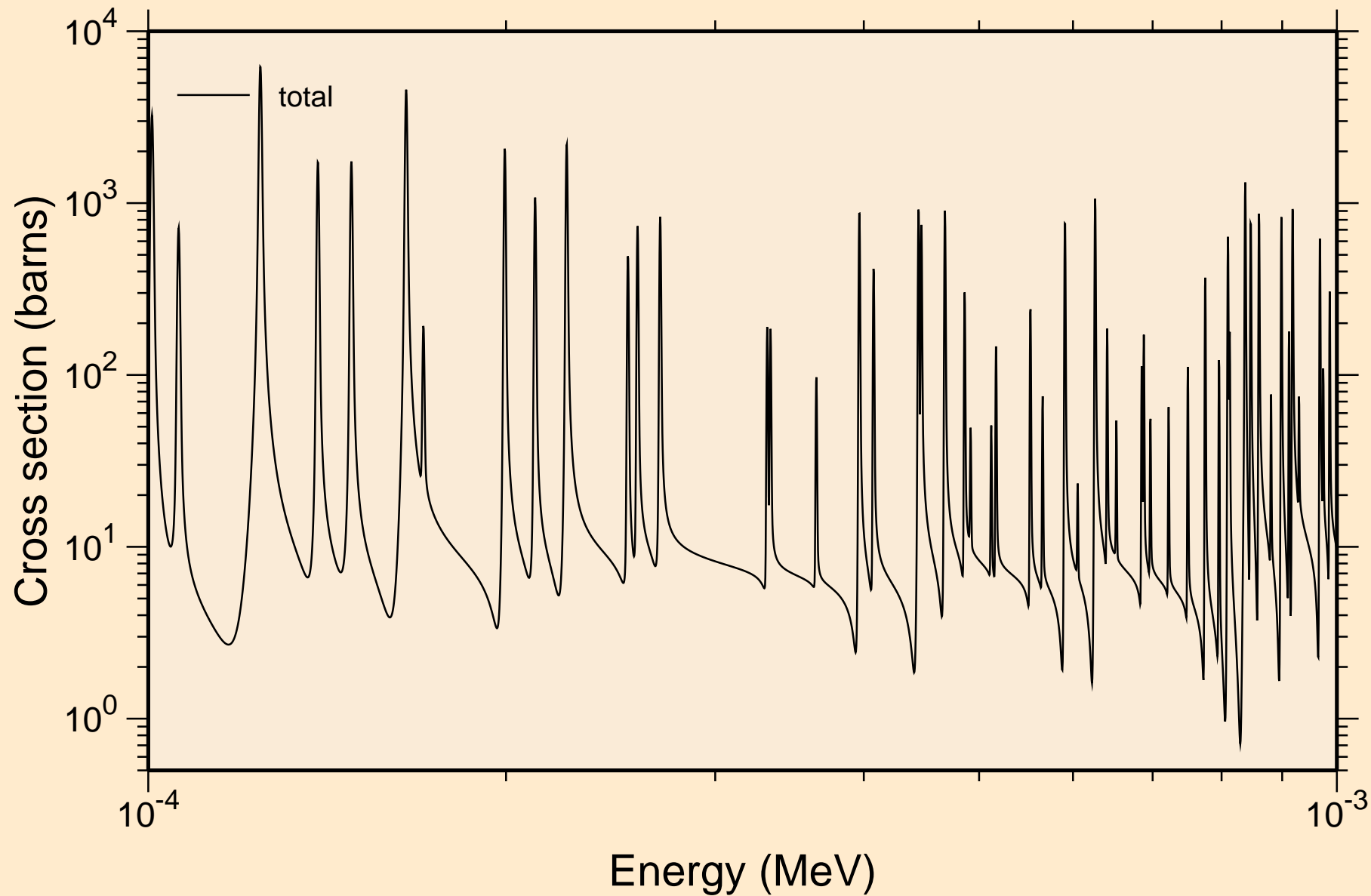
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Principal cross sections



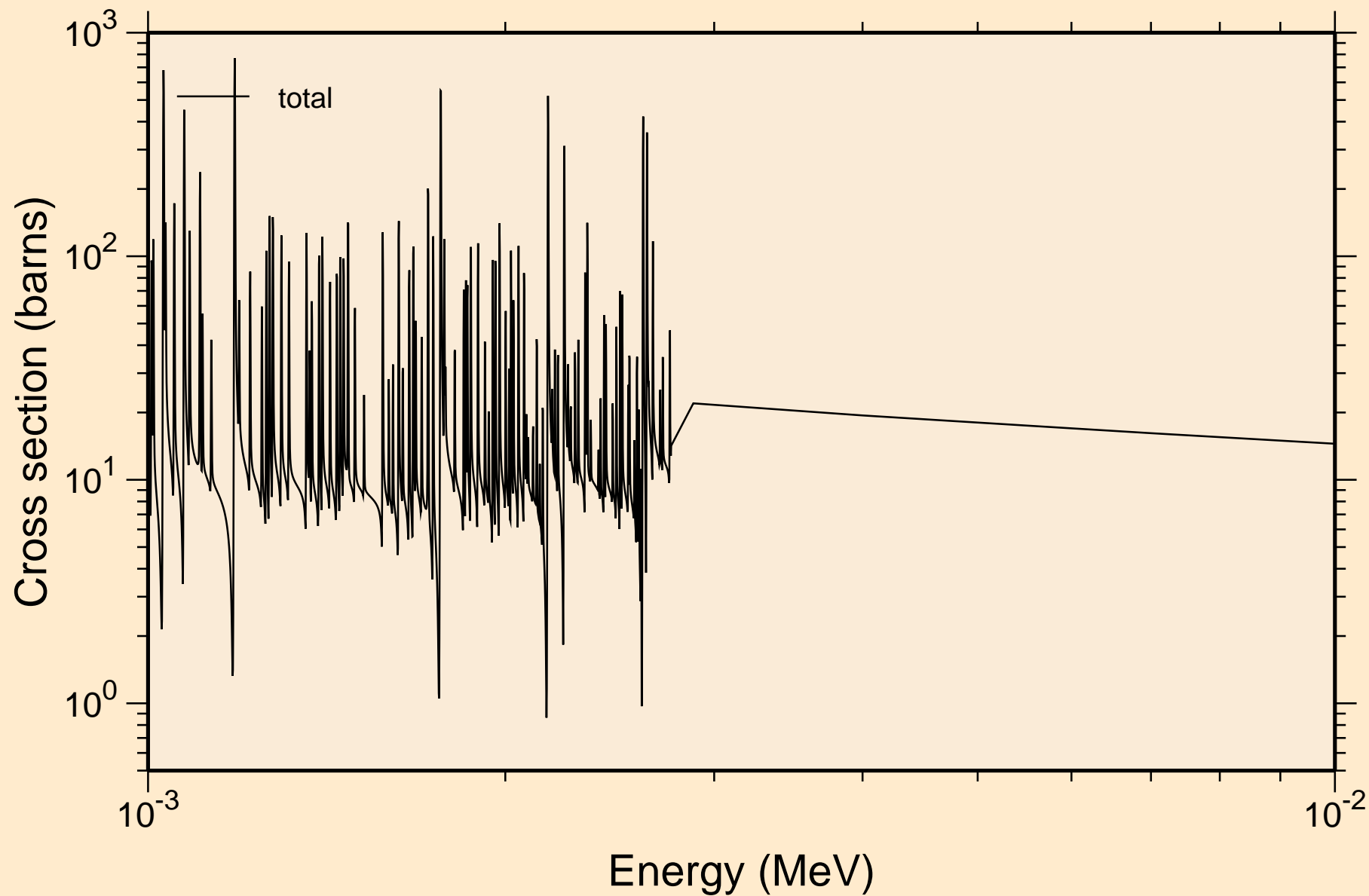
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance total cross section



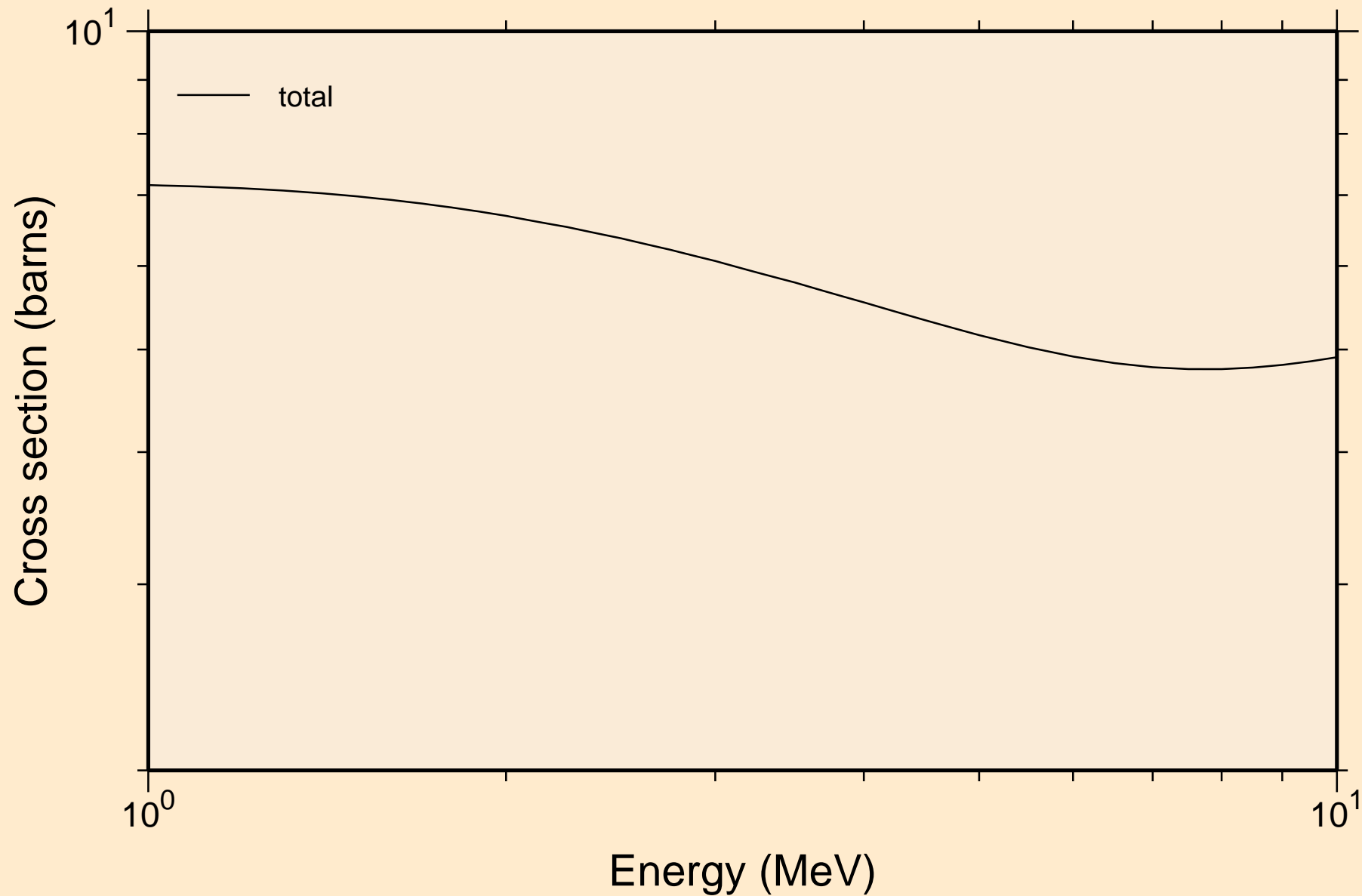
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance total cross section



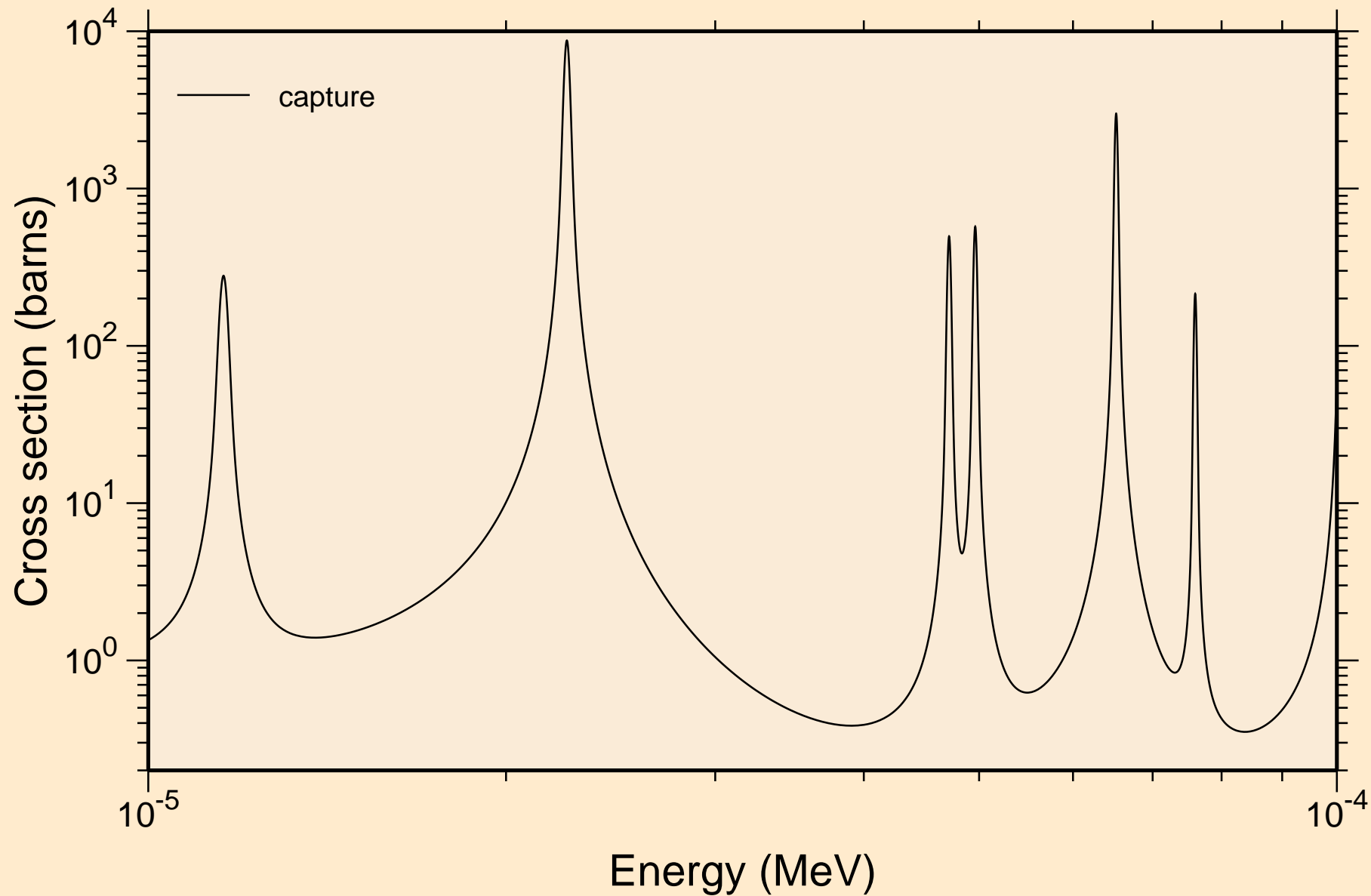
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance total cross section



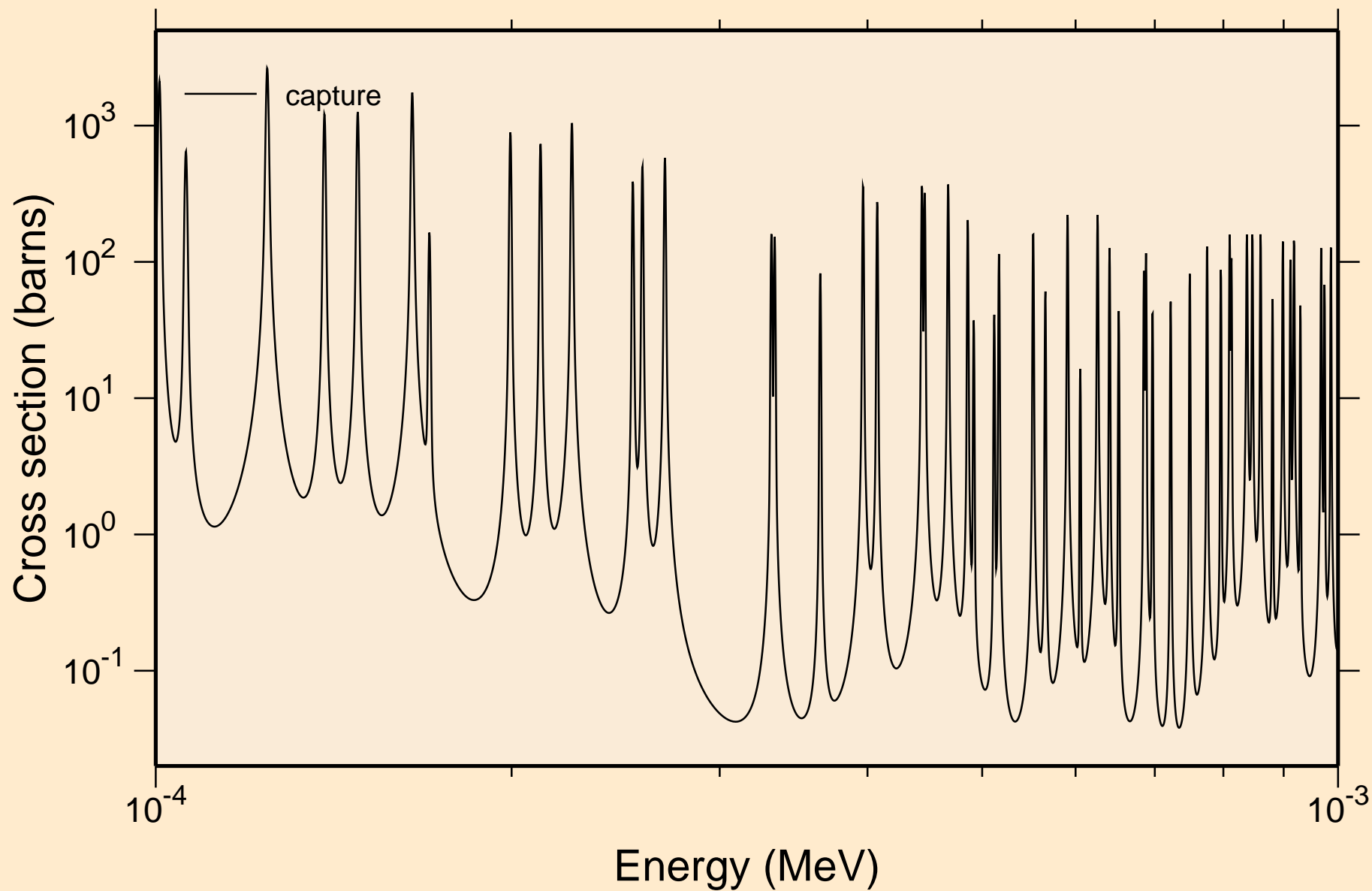
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance total cross section



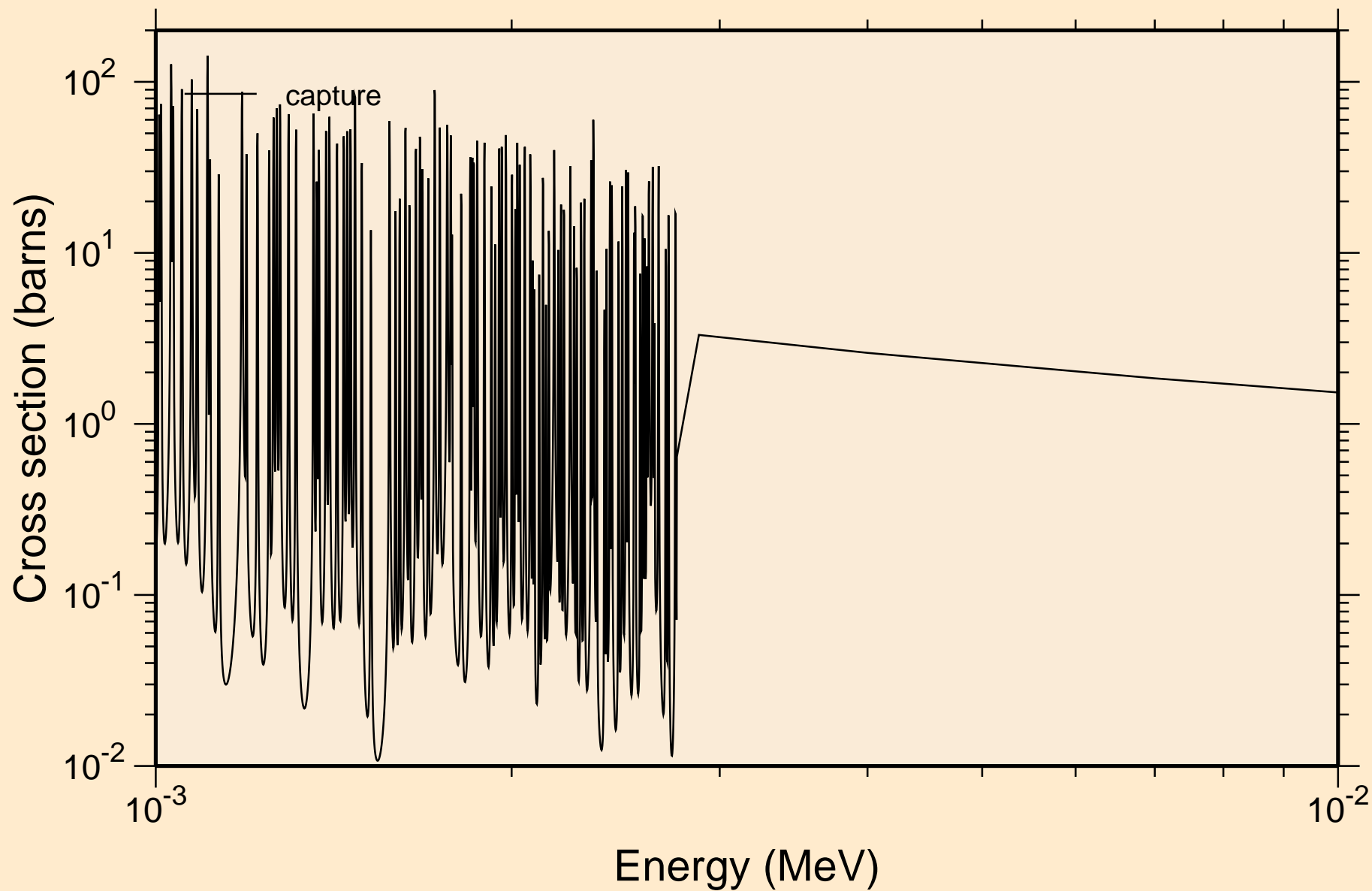
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance absorption cross sections



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance absorption cross sections

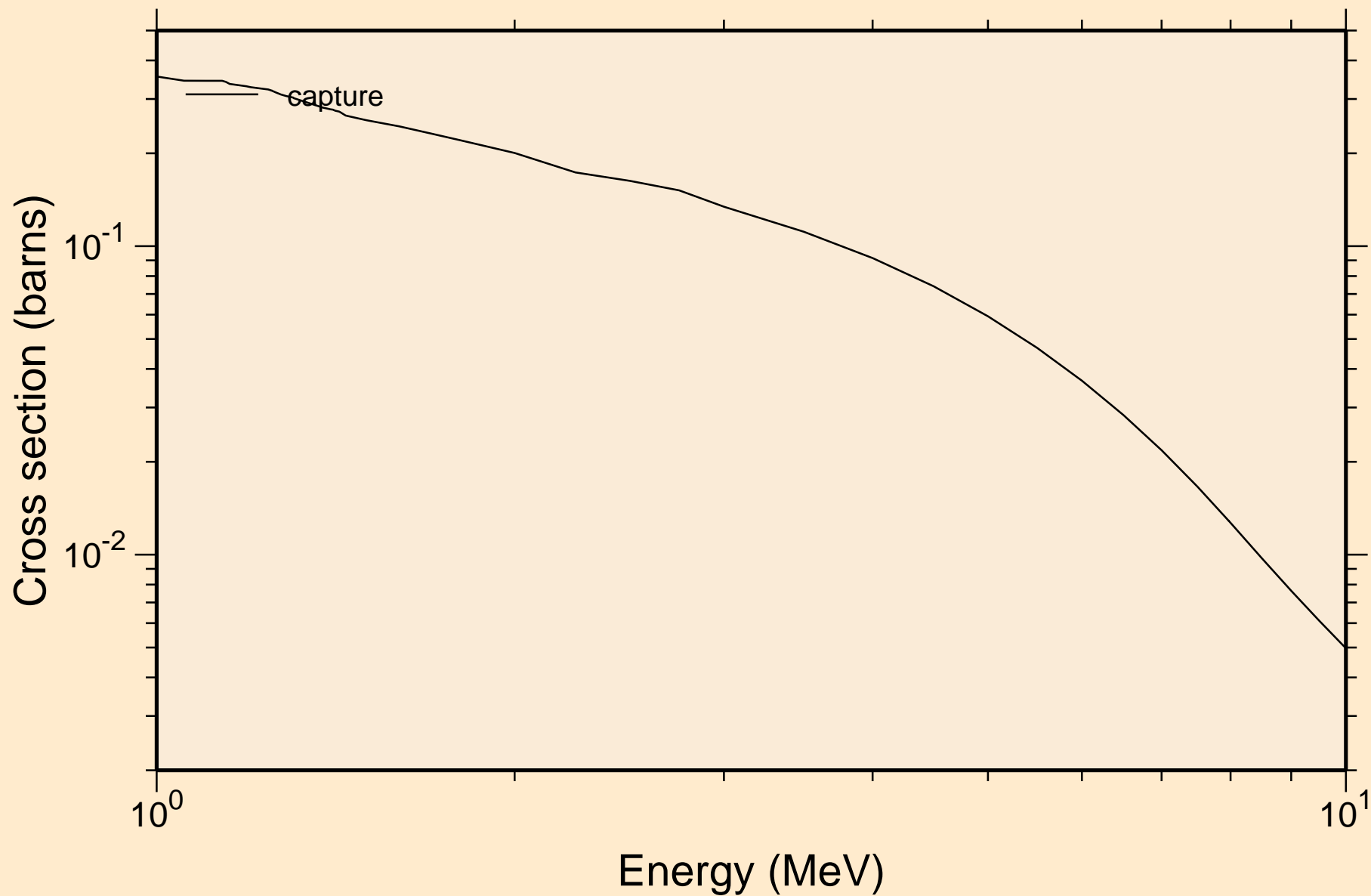


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance absorption cross sections

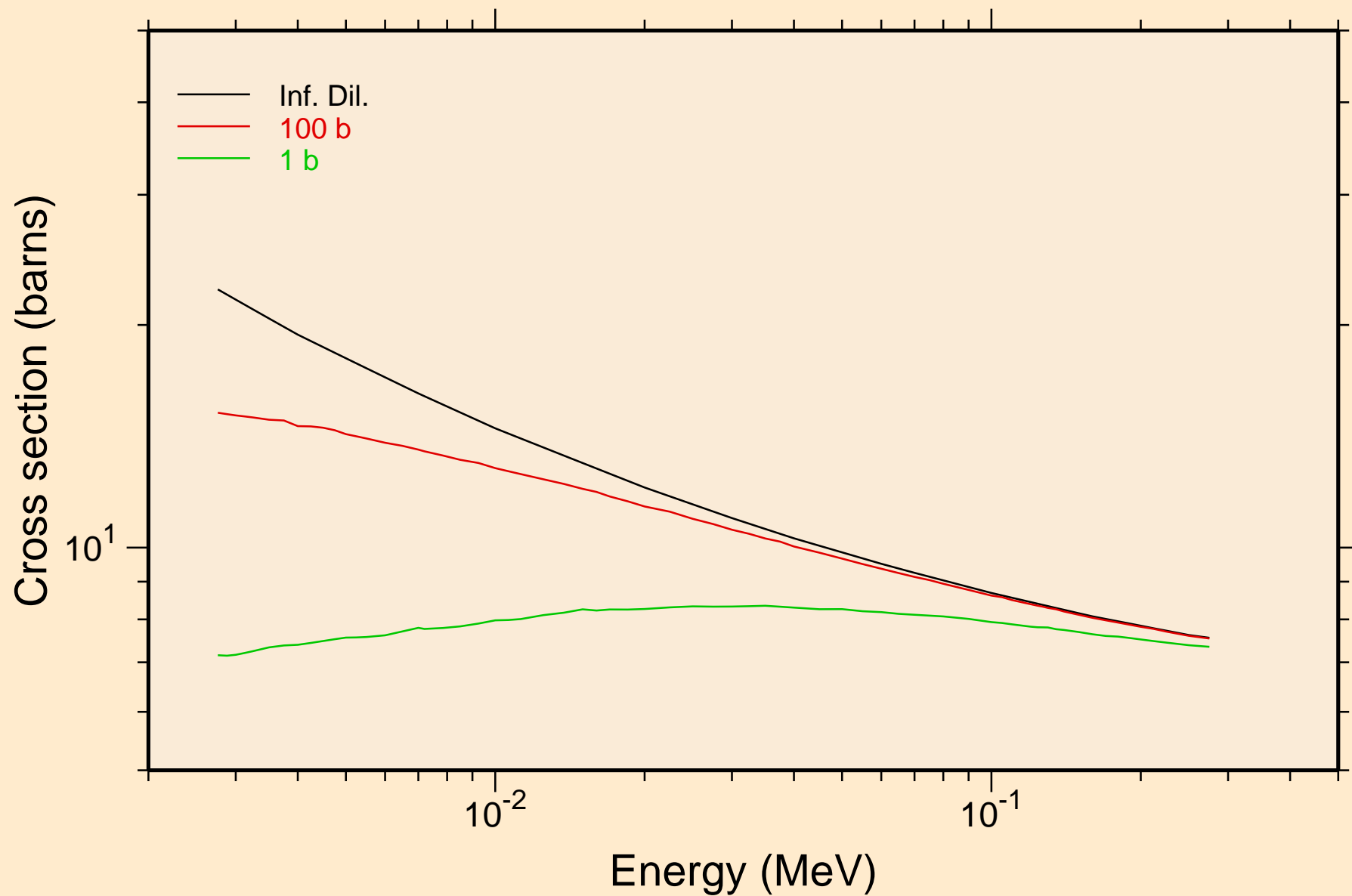




64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance absorption cross sections

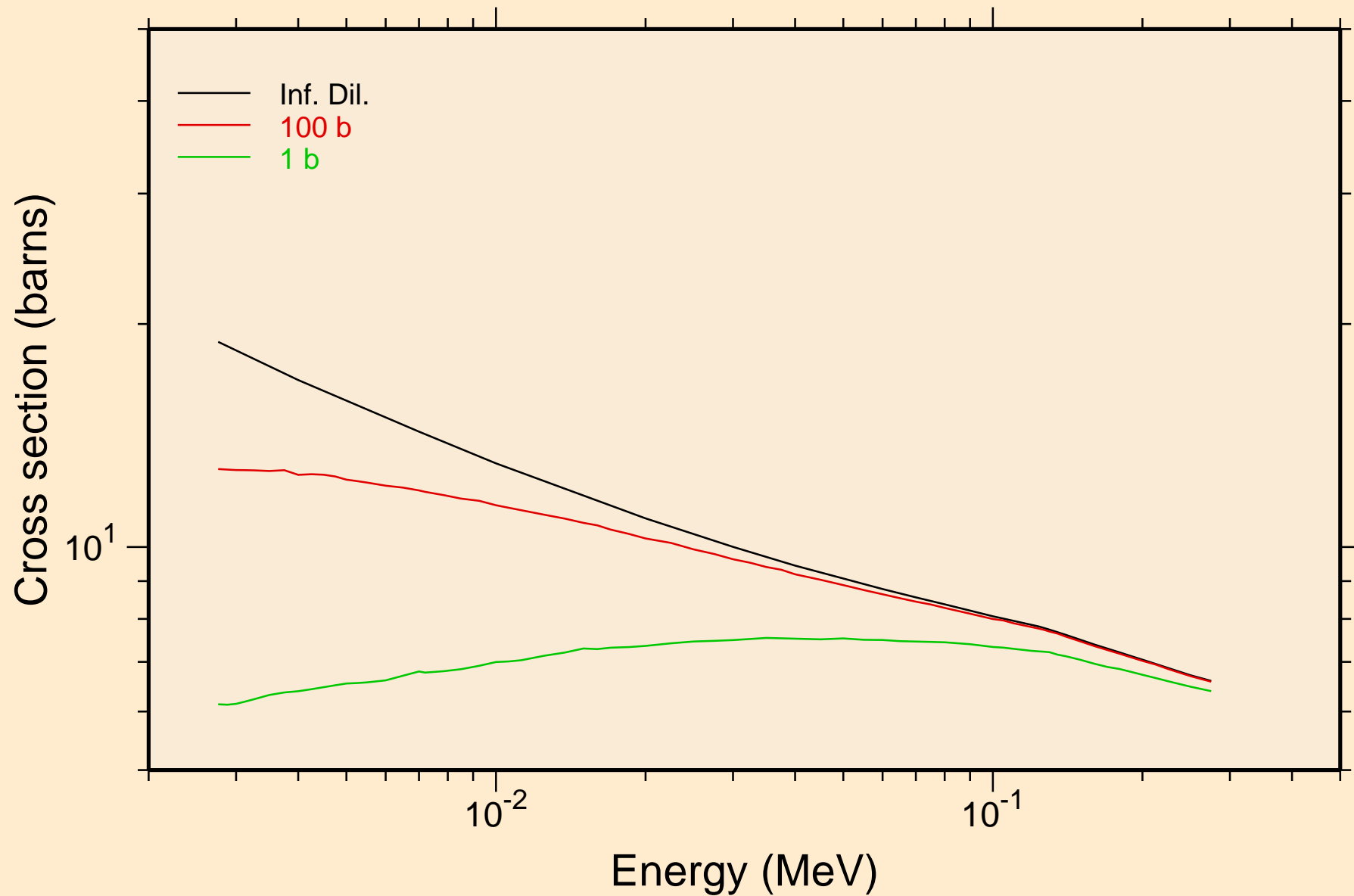


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
UR total cross section



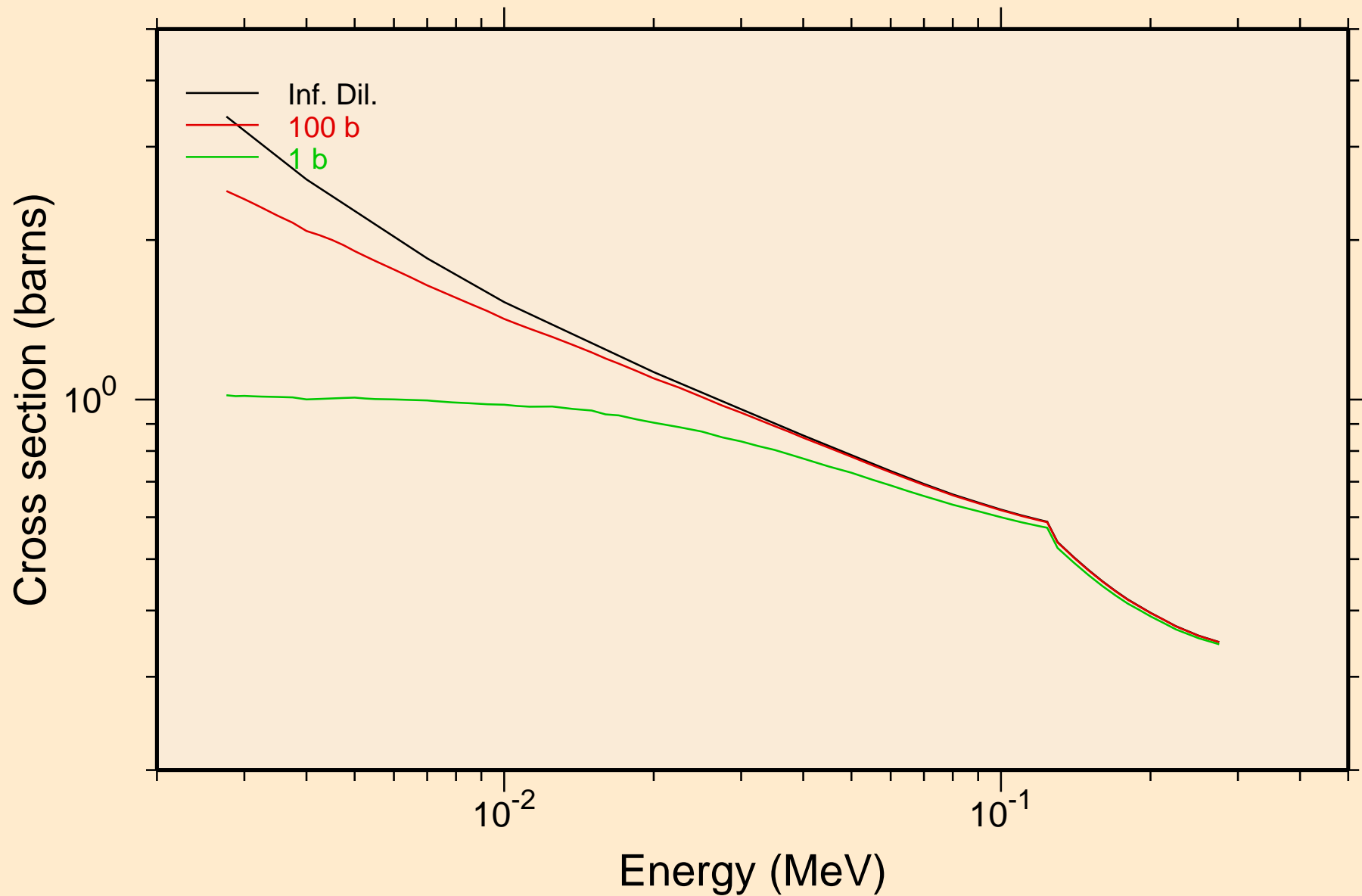
# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## UR elastic cross section

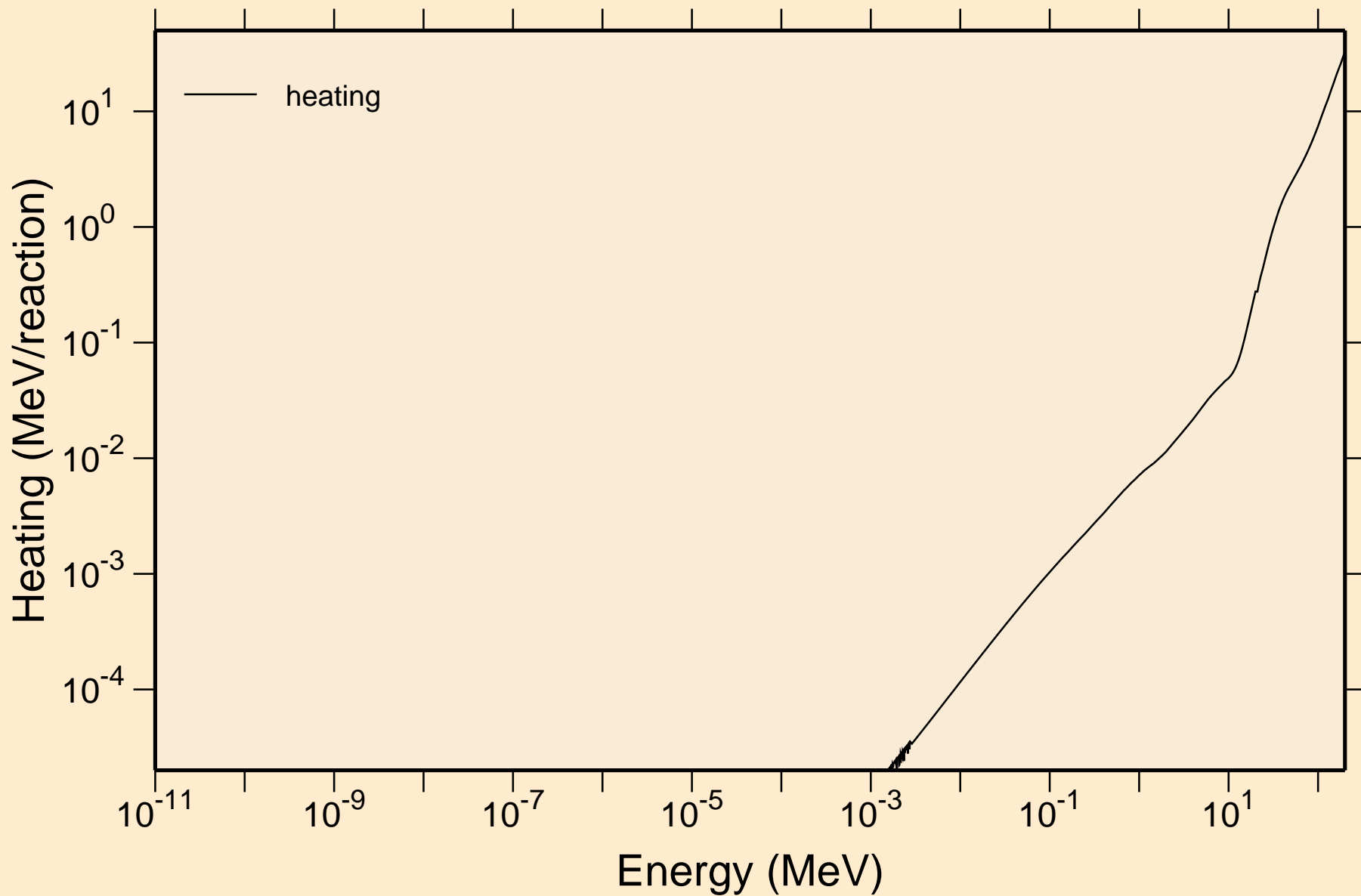


# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

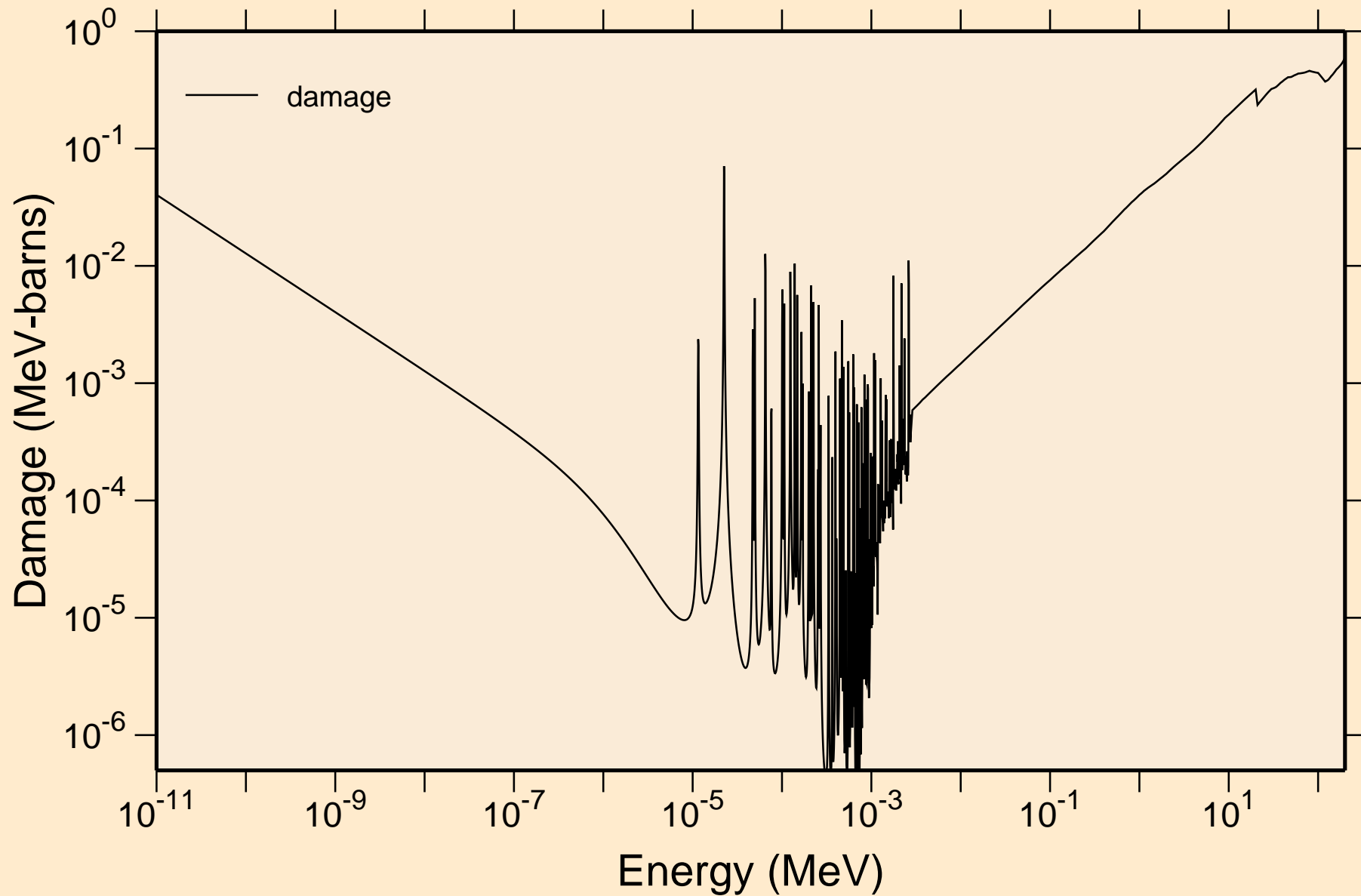
## UR capture cross section



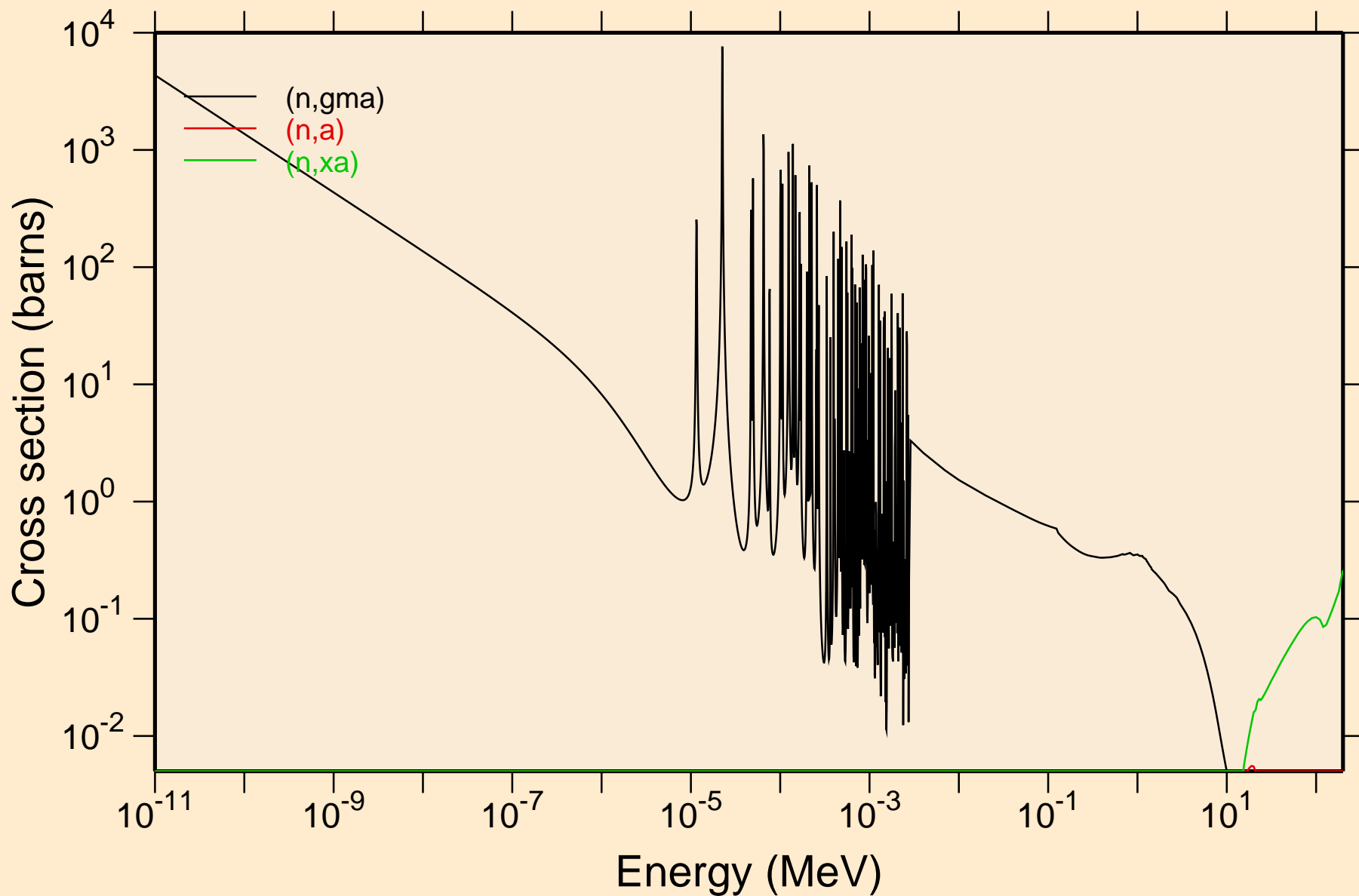
# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50 Heating



# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50 Damage

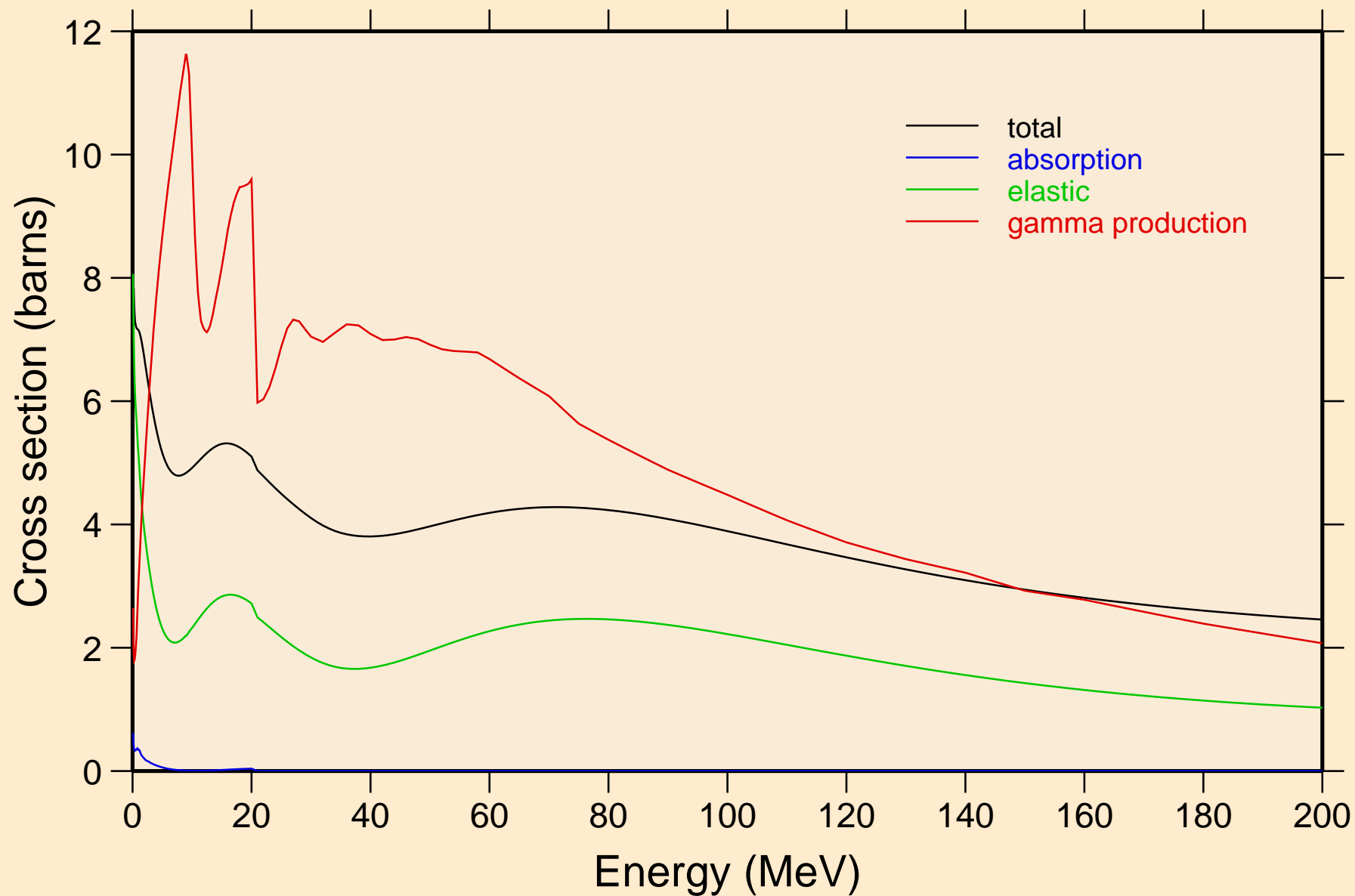


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Non-threshold reactions



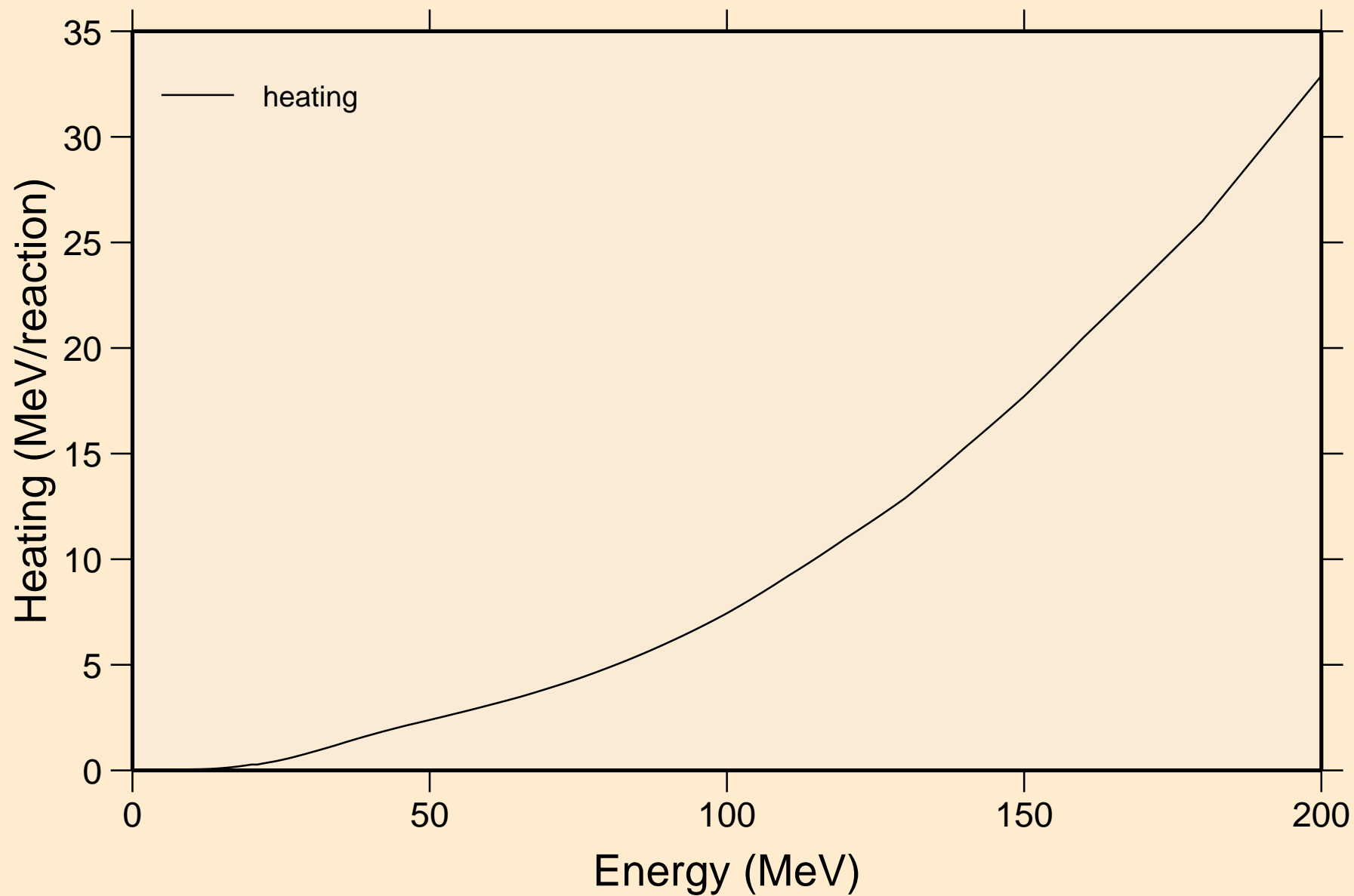
# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Principal cross sections

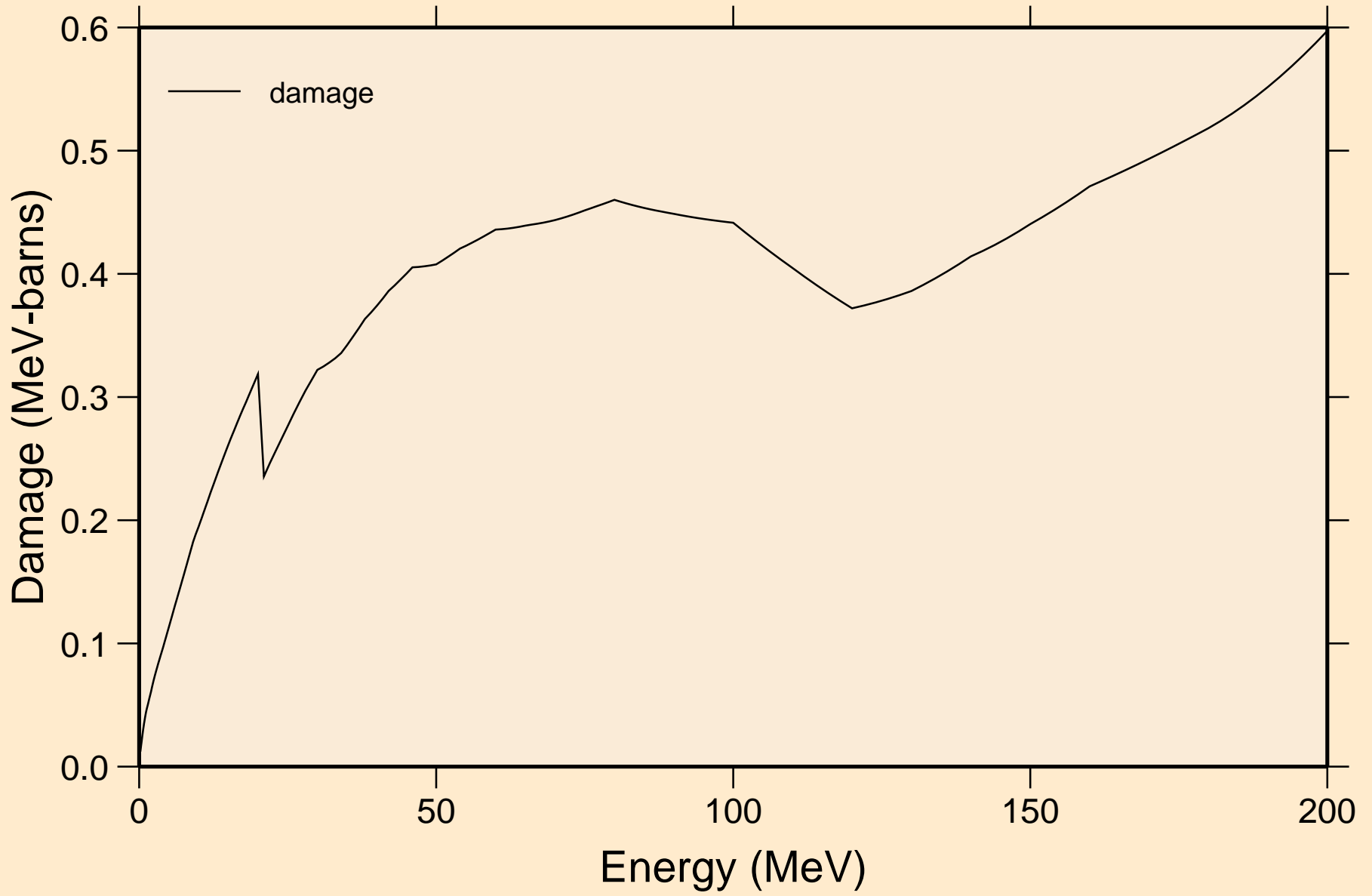




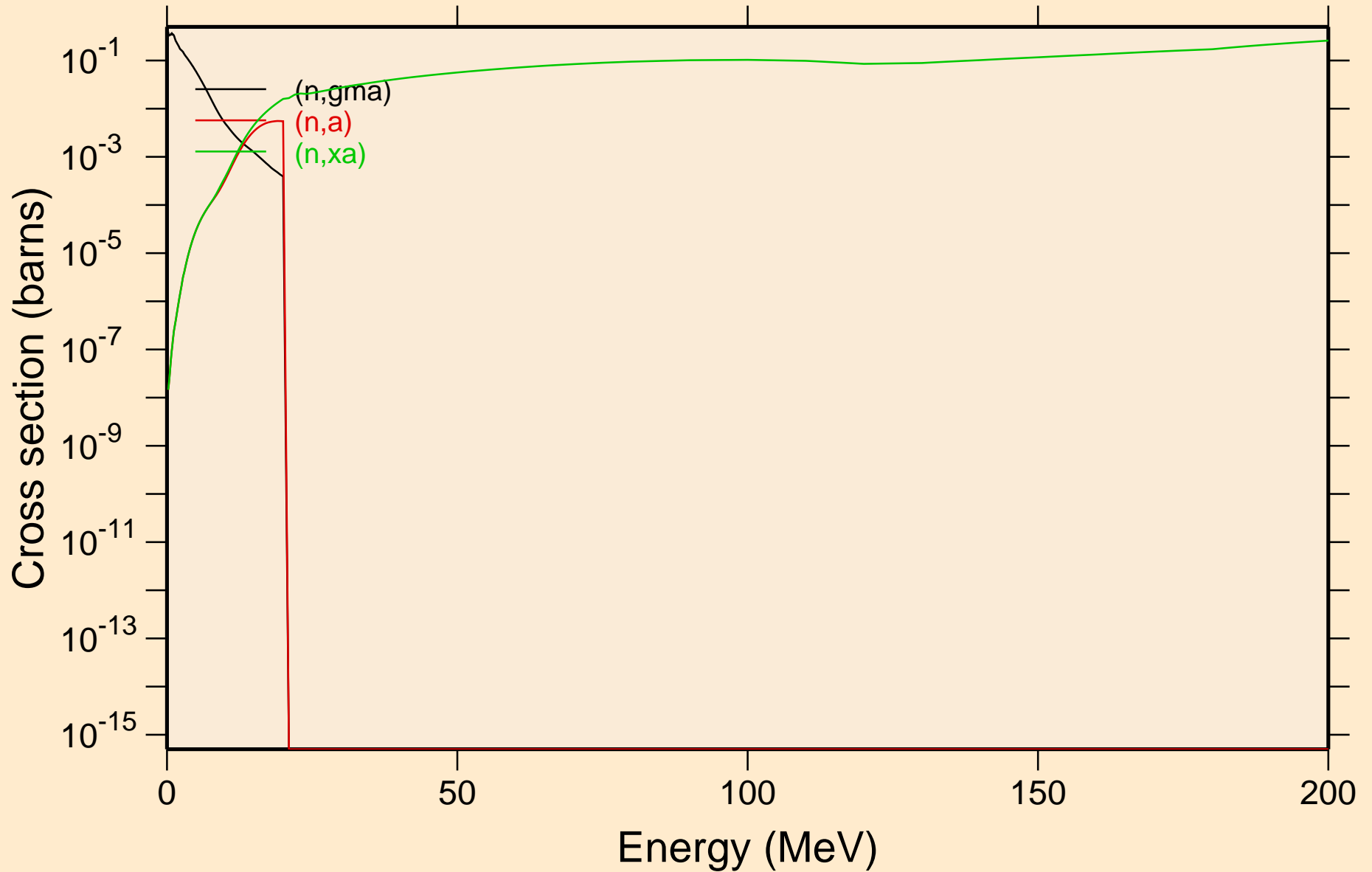
# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50 Heating



# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50 Damage

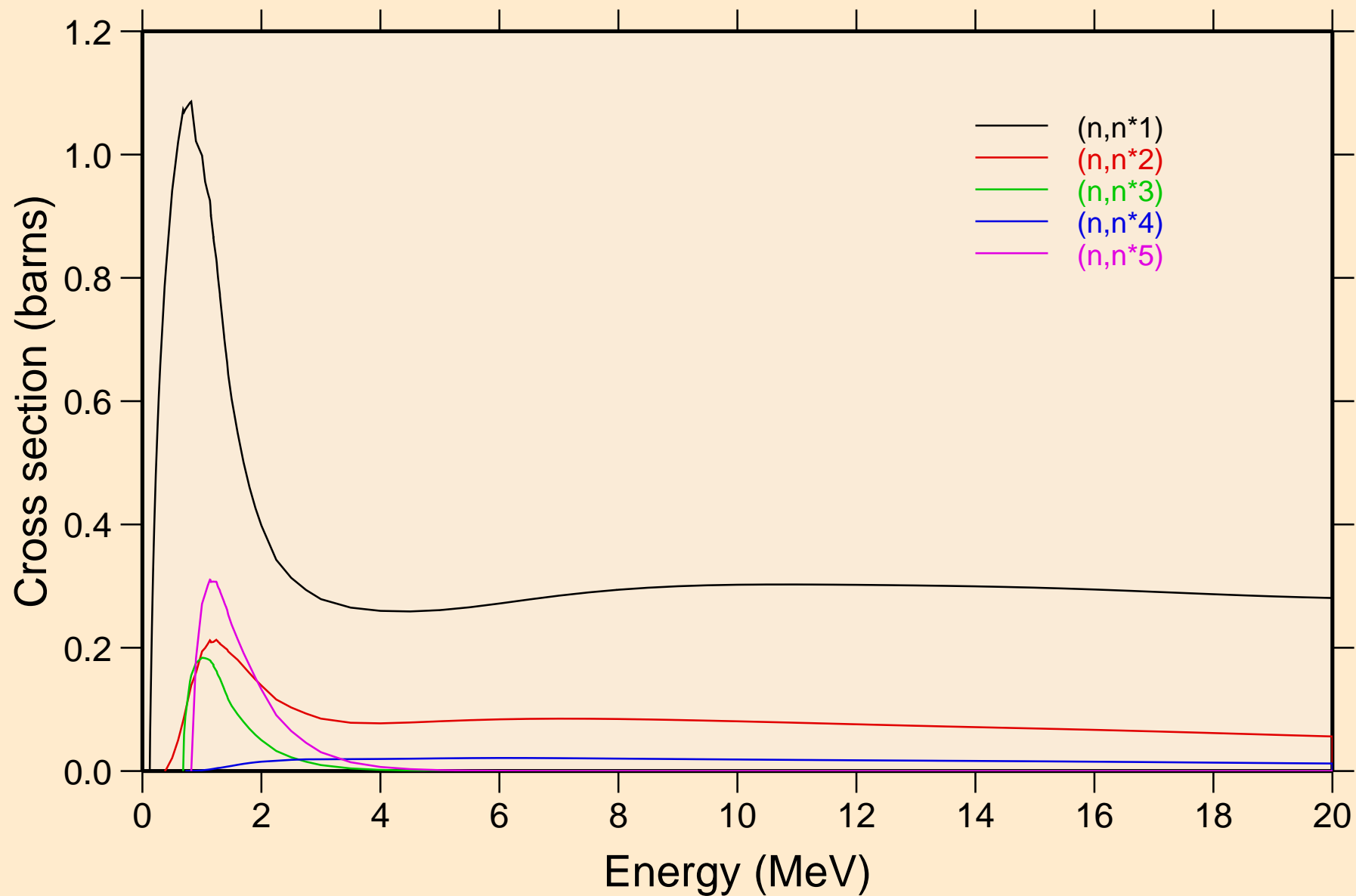


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Non-threshold reactions



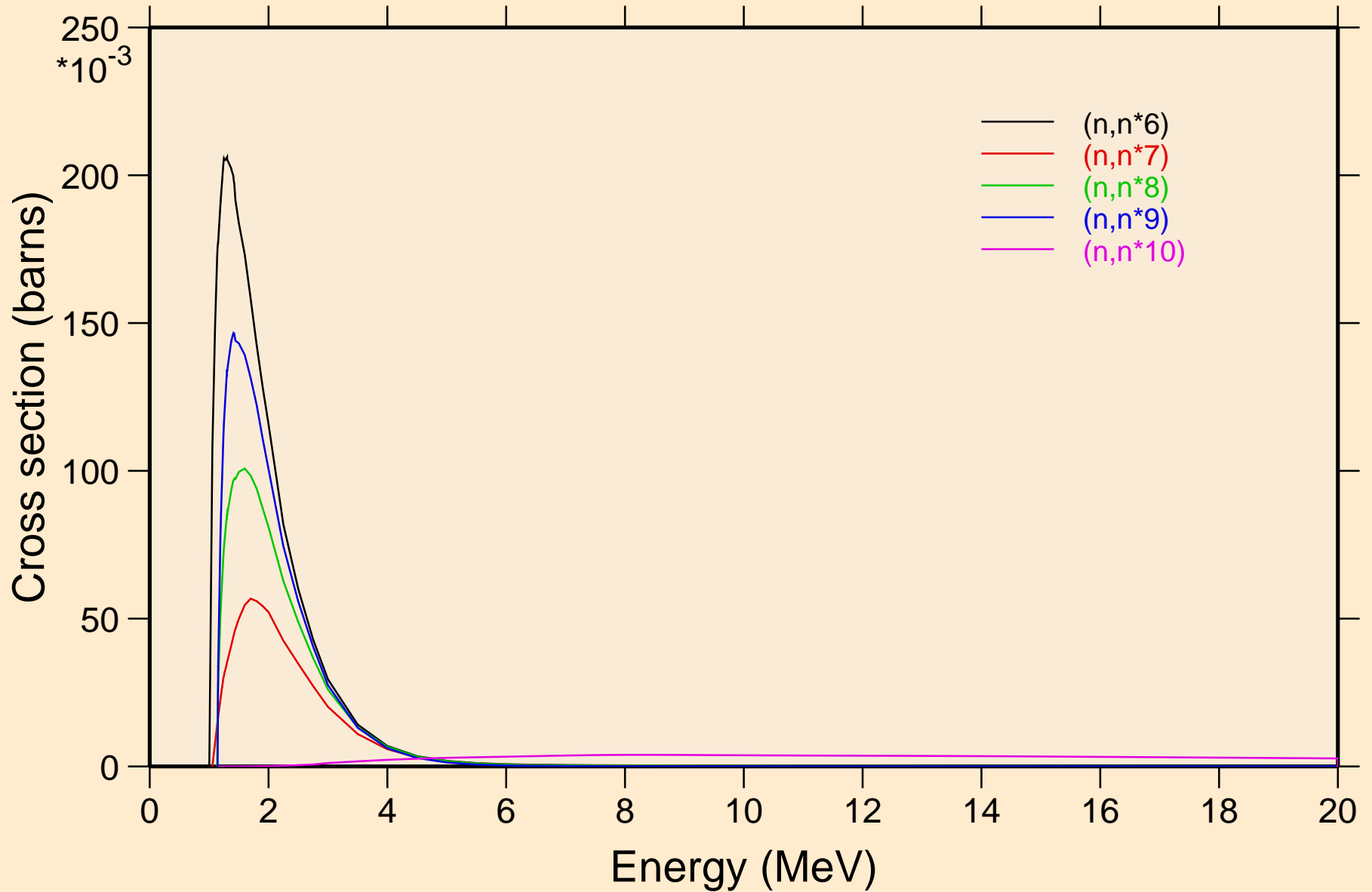
# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Inelastic levels



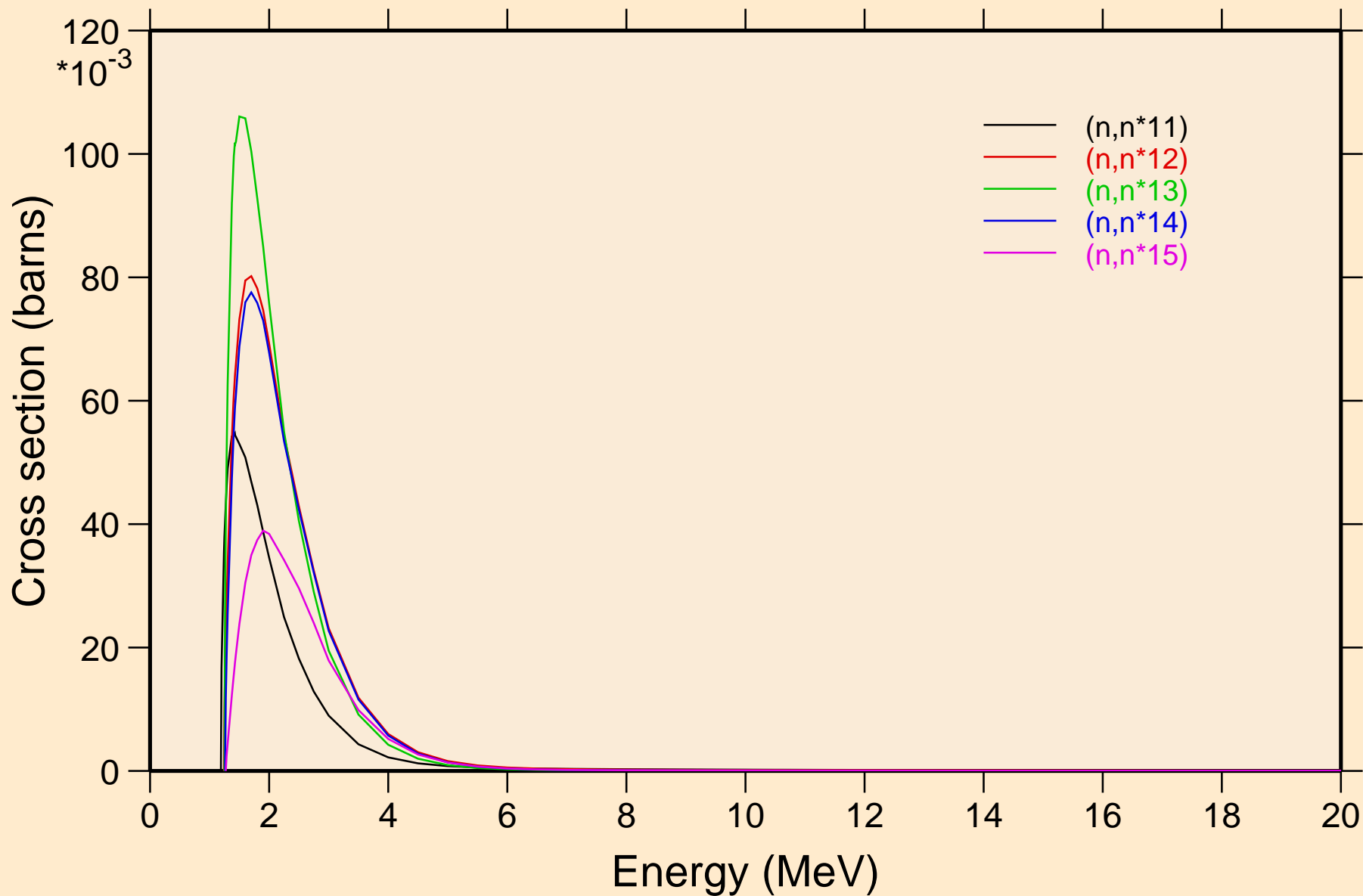
# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Inelastic levels



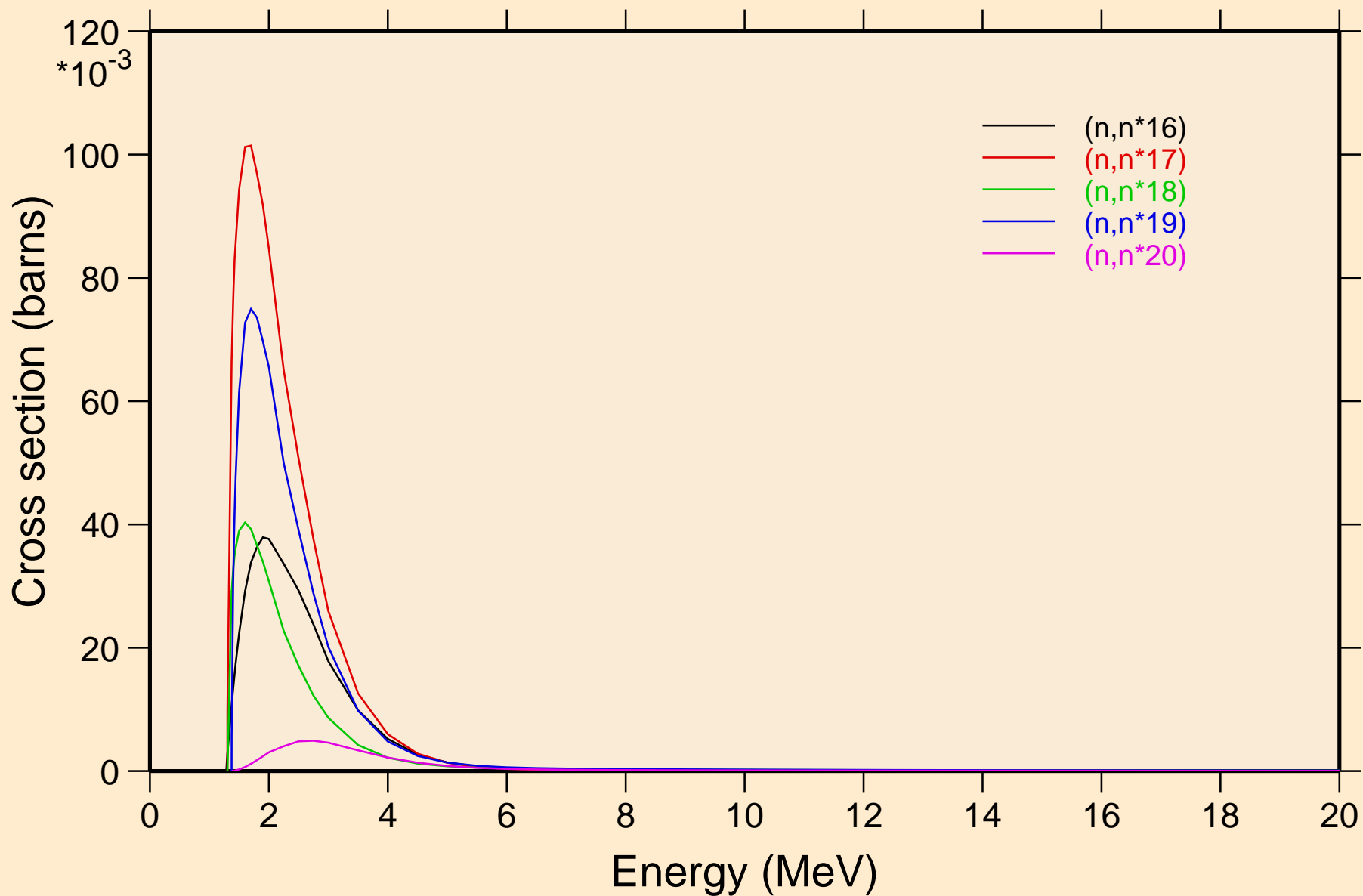
# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Inelastic levels



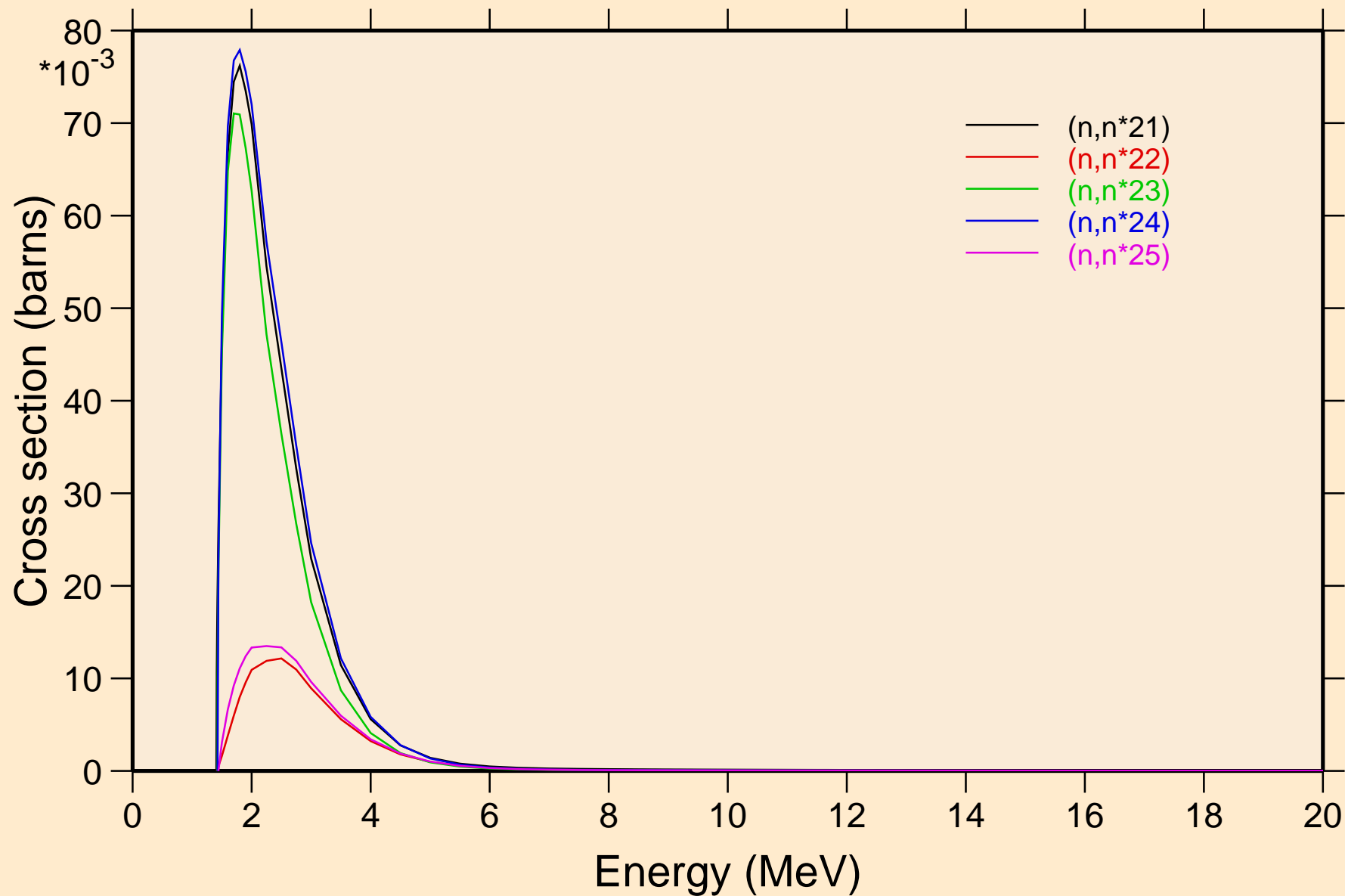
# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Inelastic levels



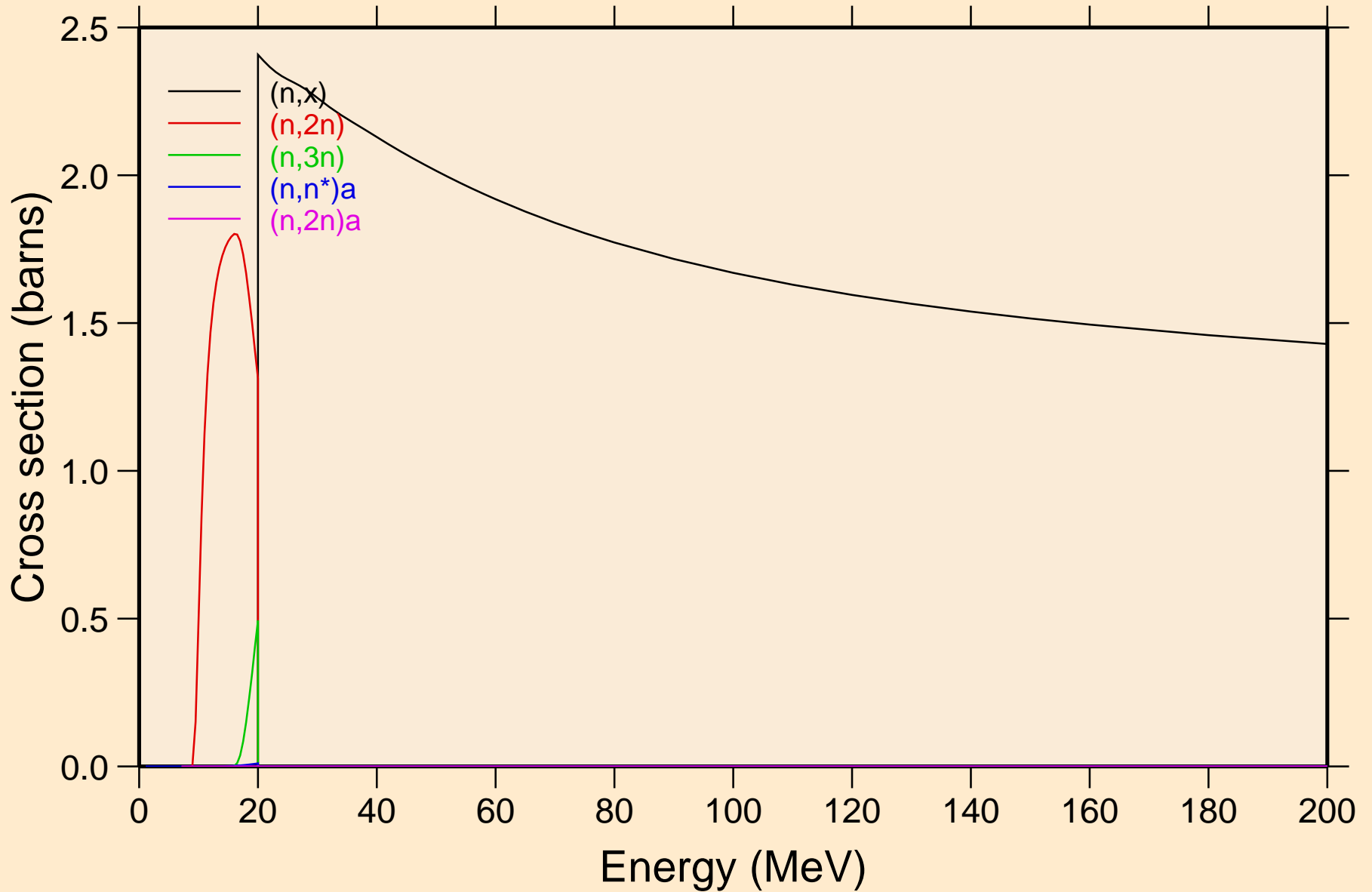
# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Inelastic levels

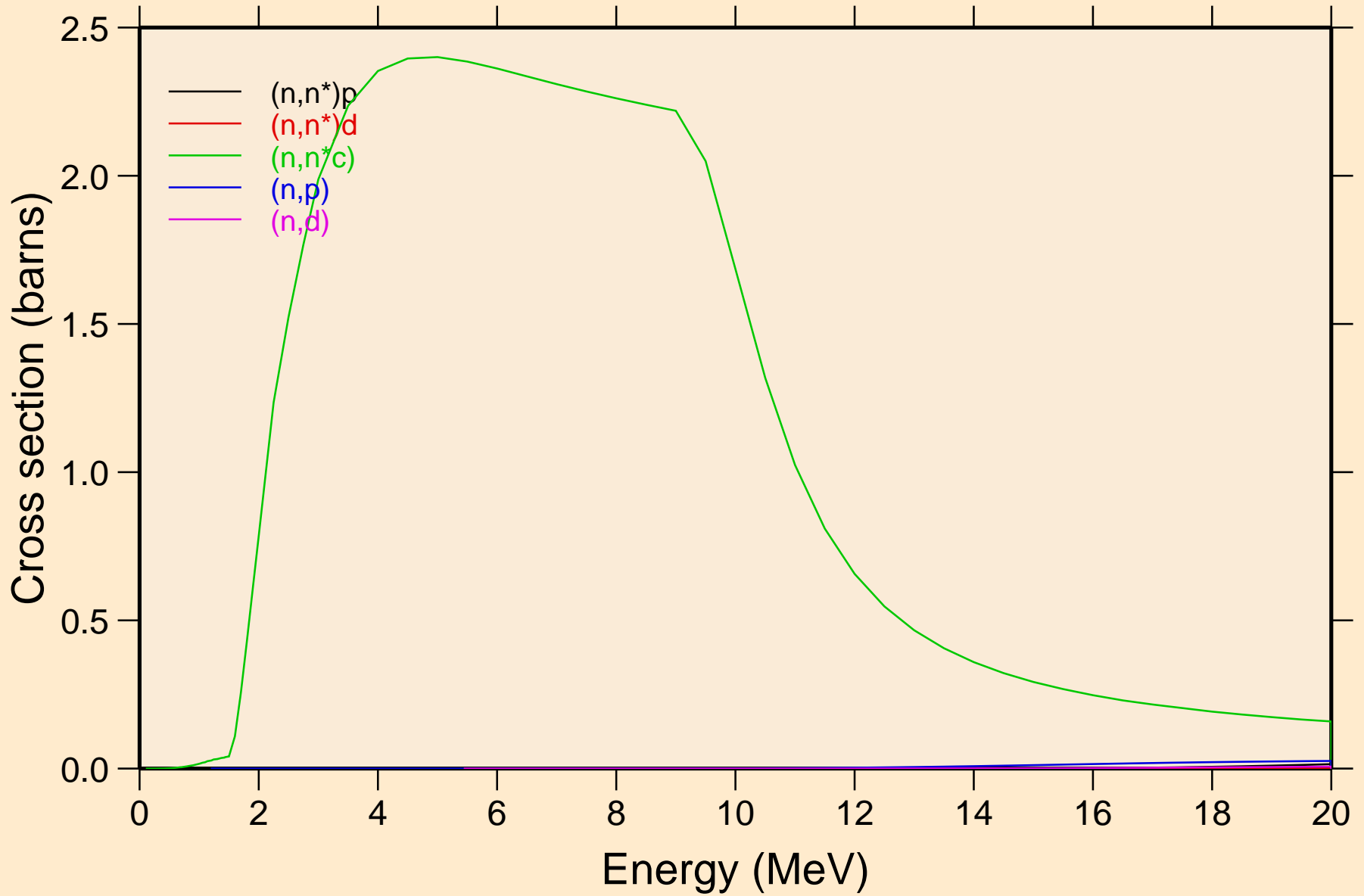




64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Threshold reactions

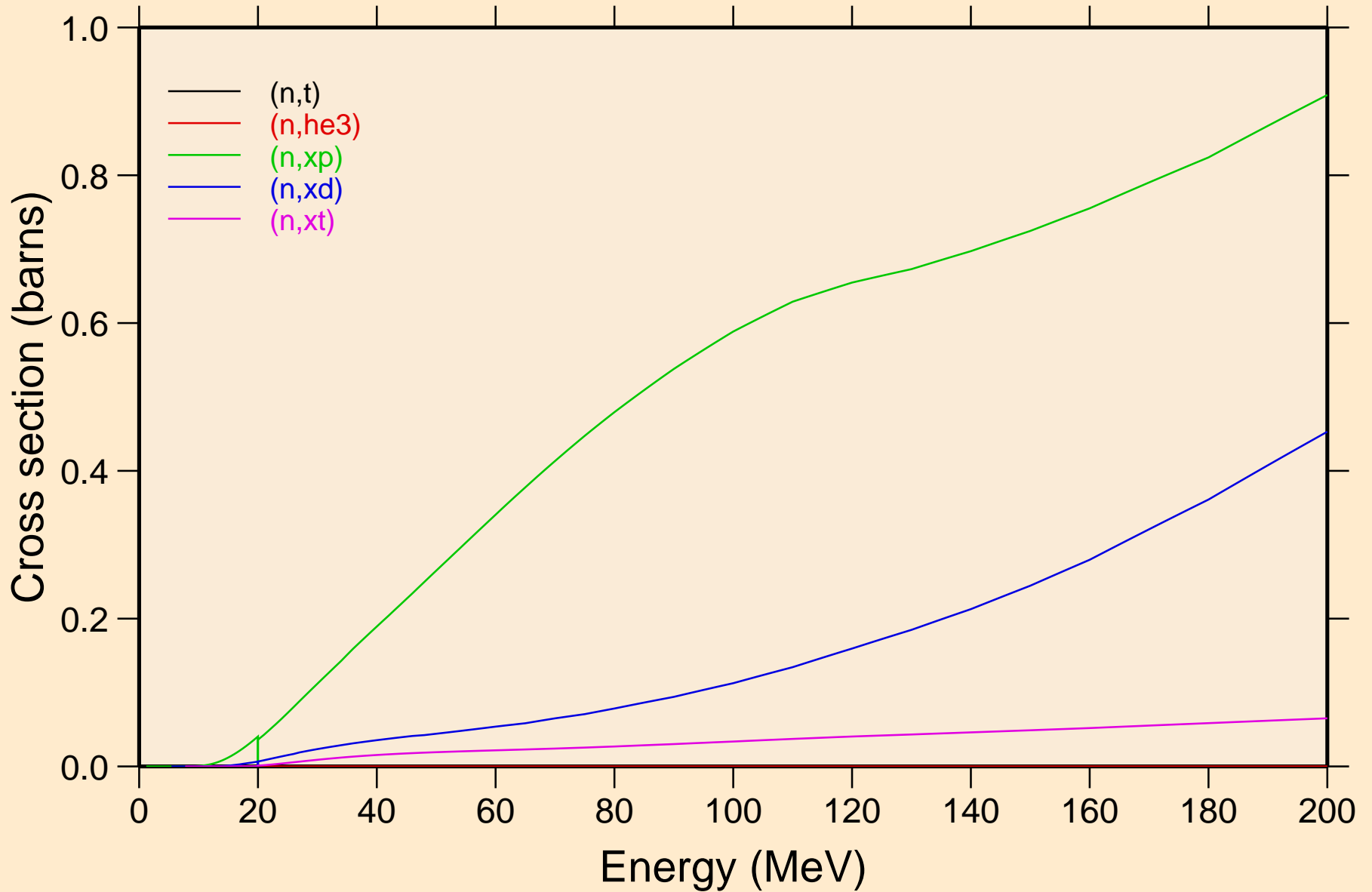


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Threshold reactions

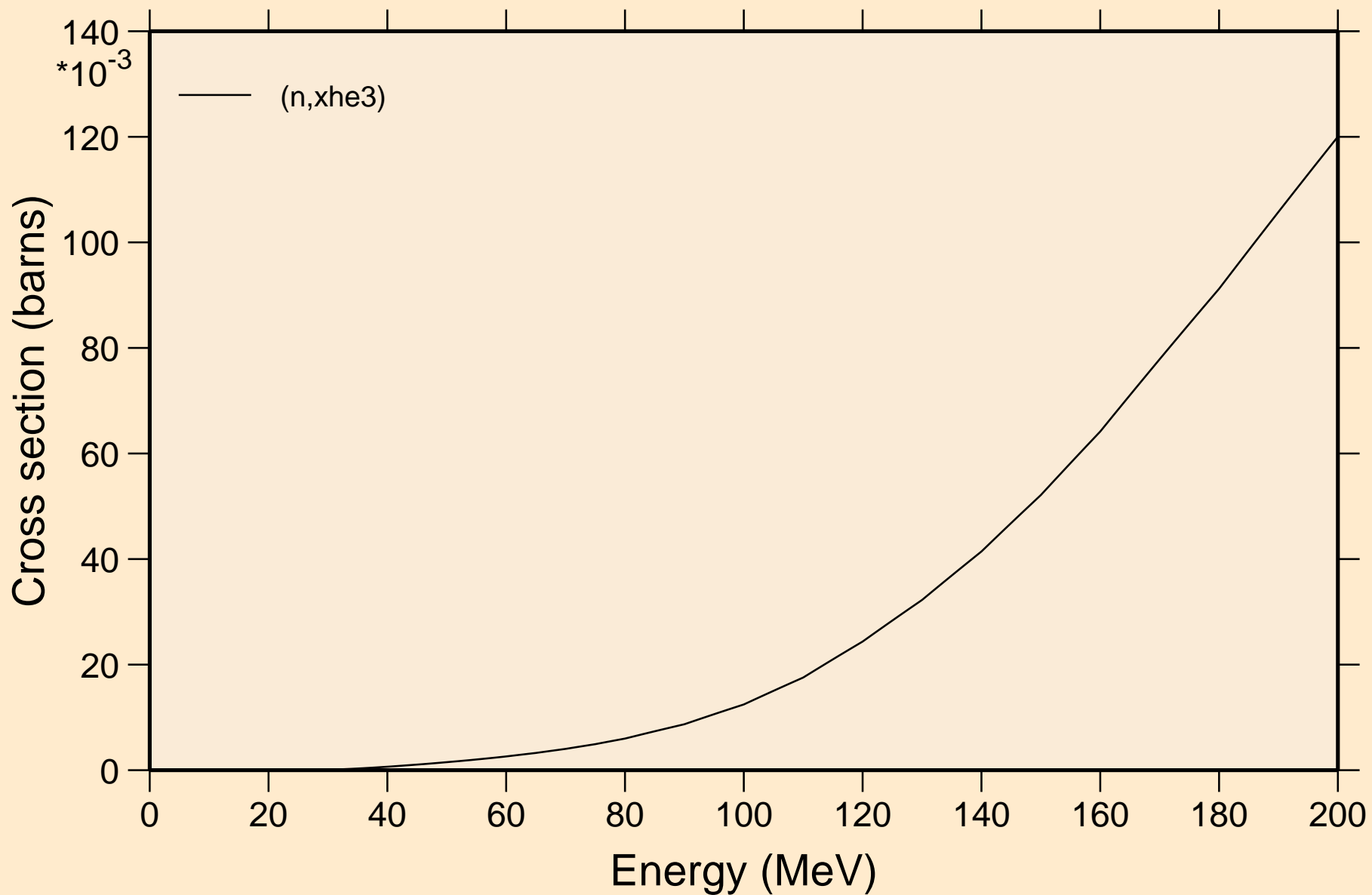


# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

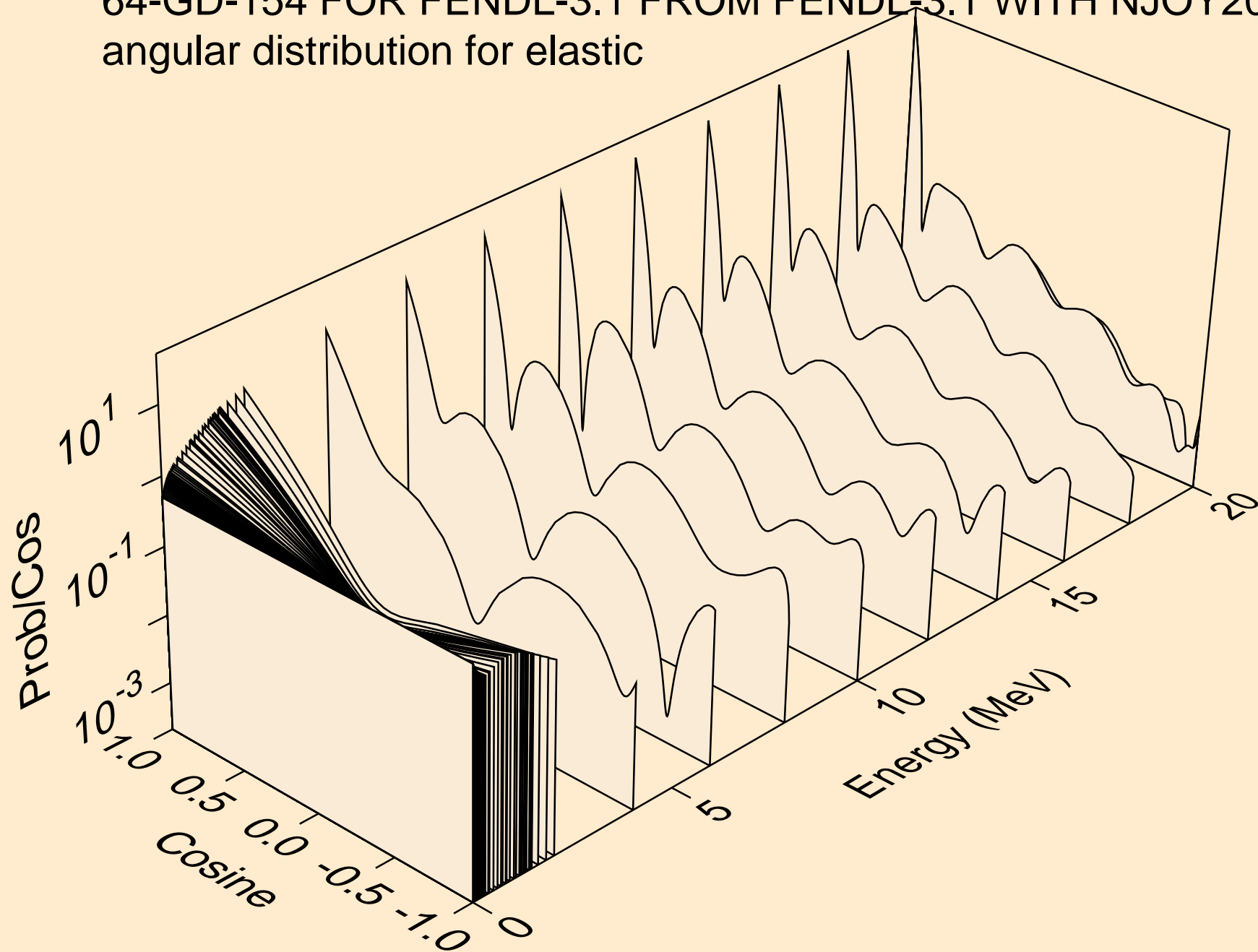
## Threshold reactions



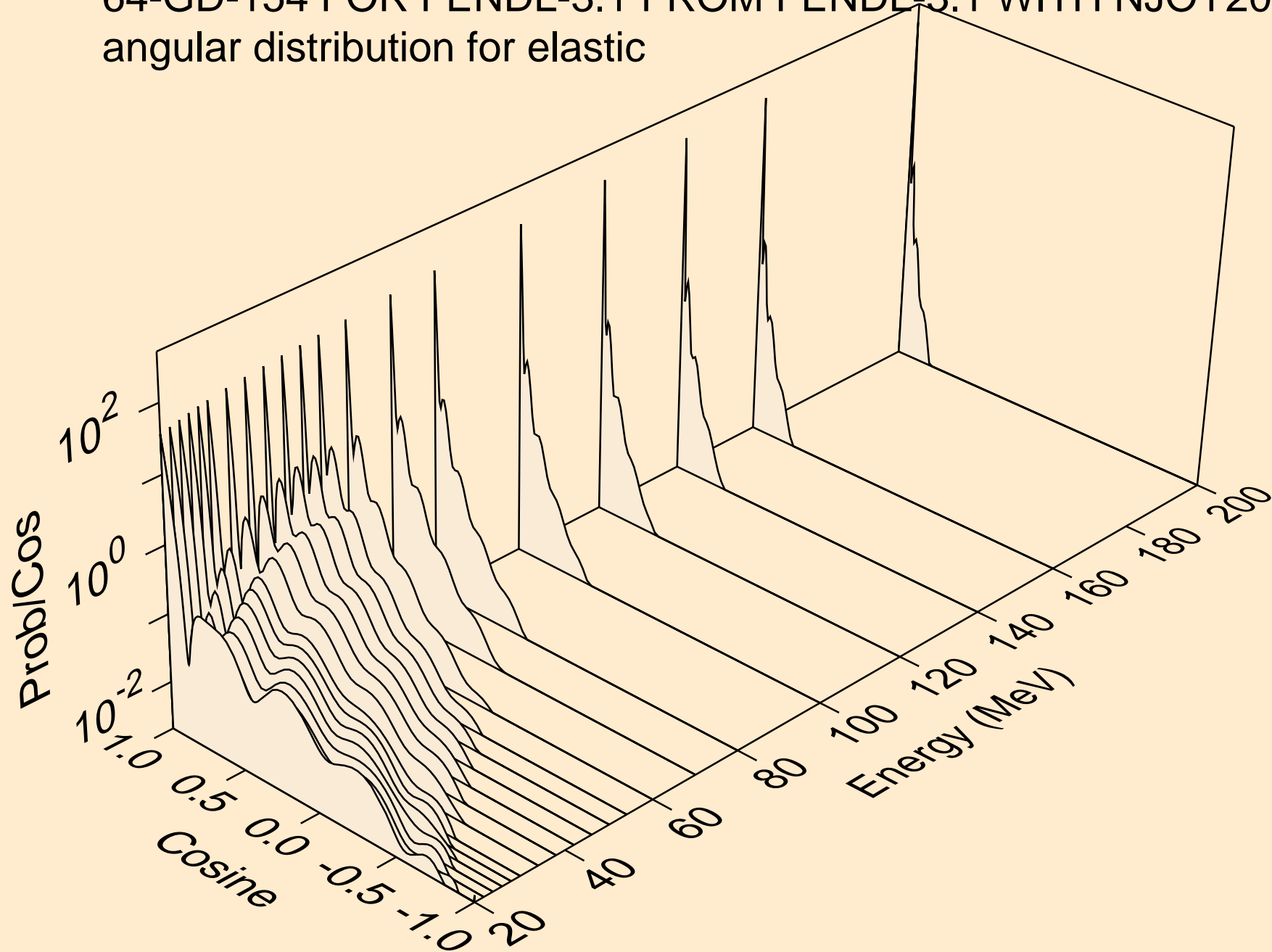
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Threshold reactions



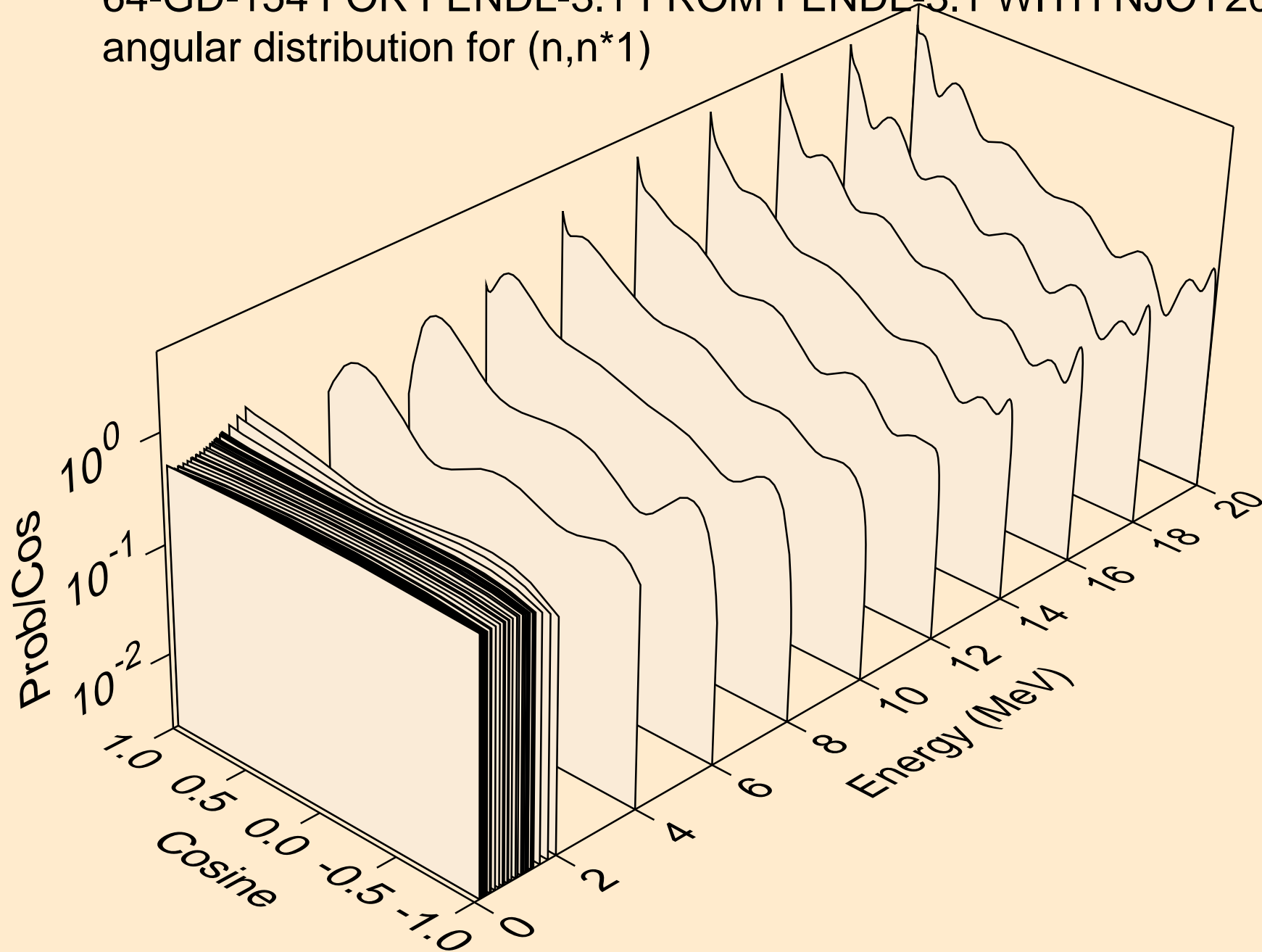
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for elastic



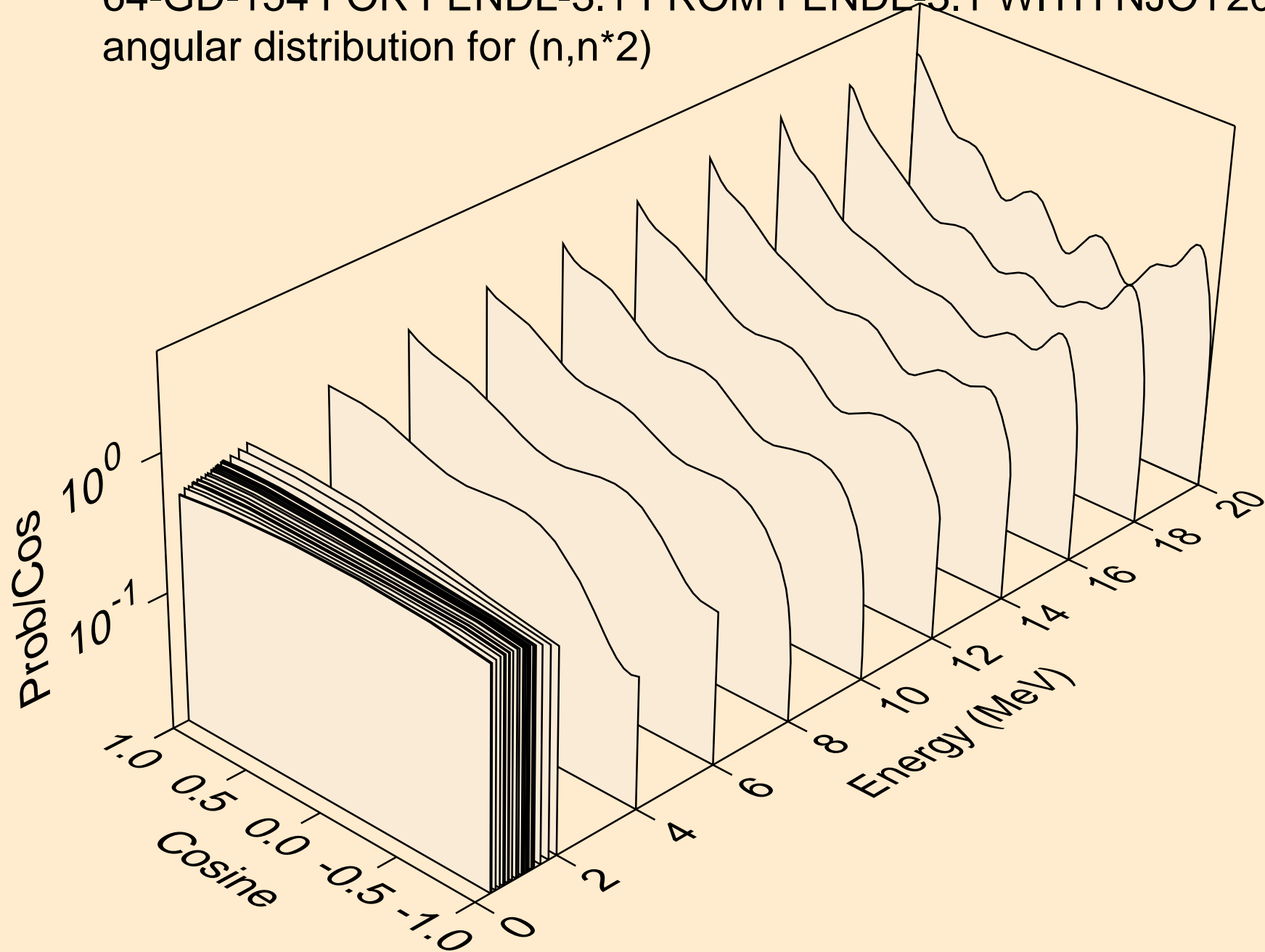
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for elastic



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*1)

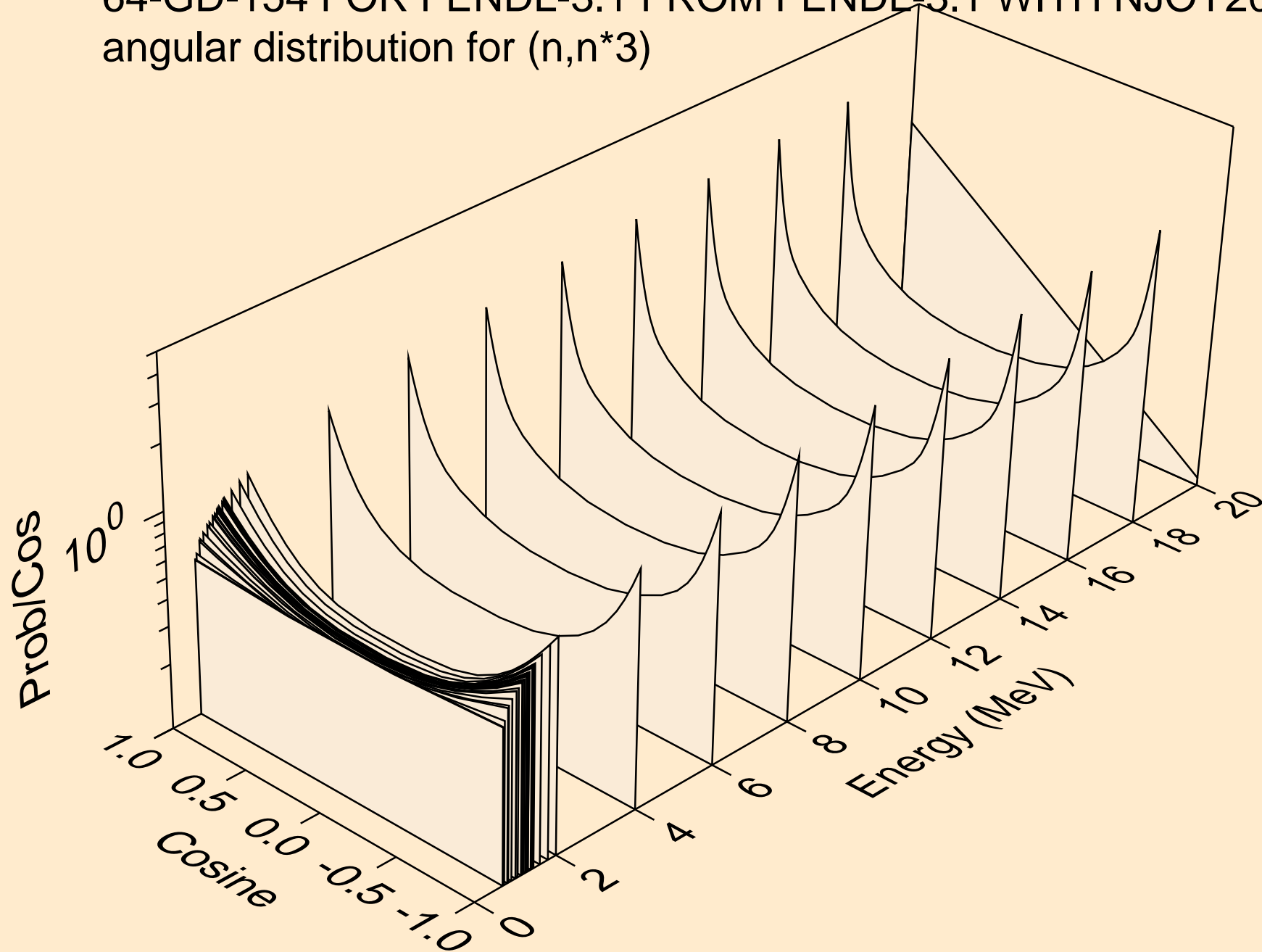


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*2)

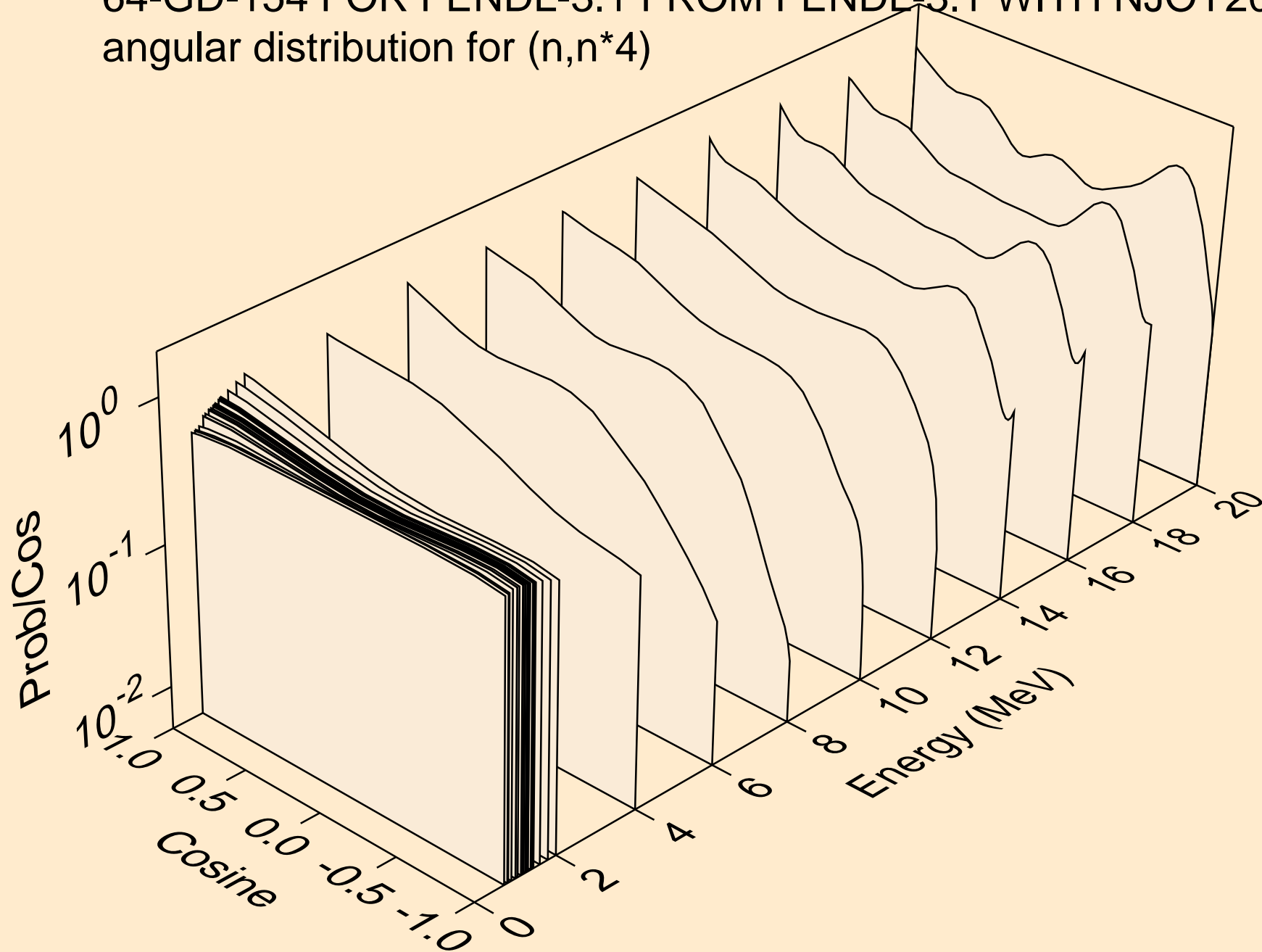




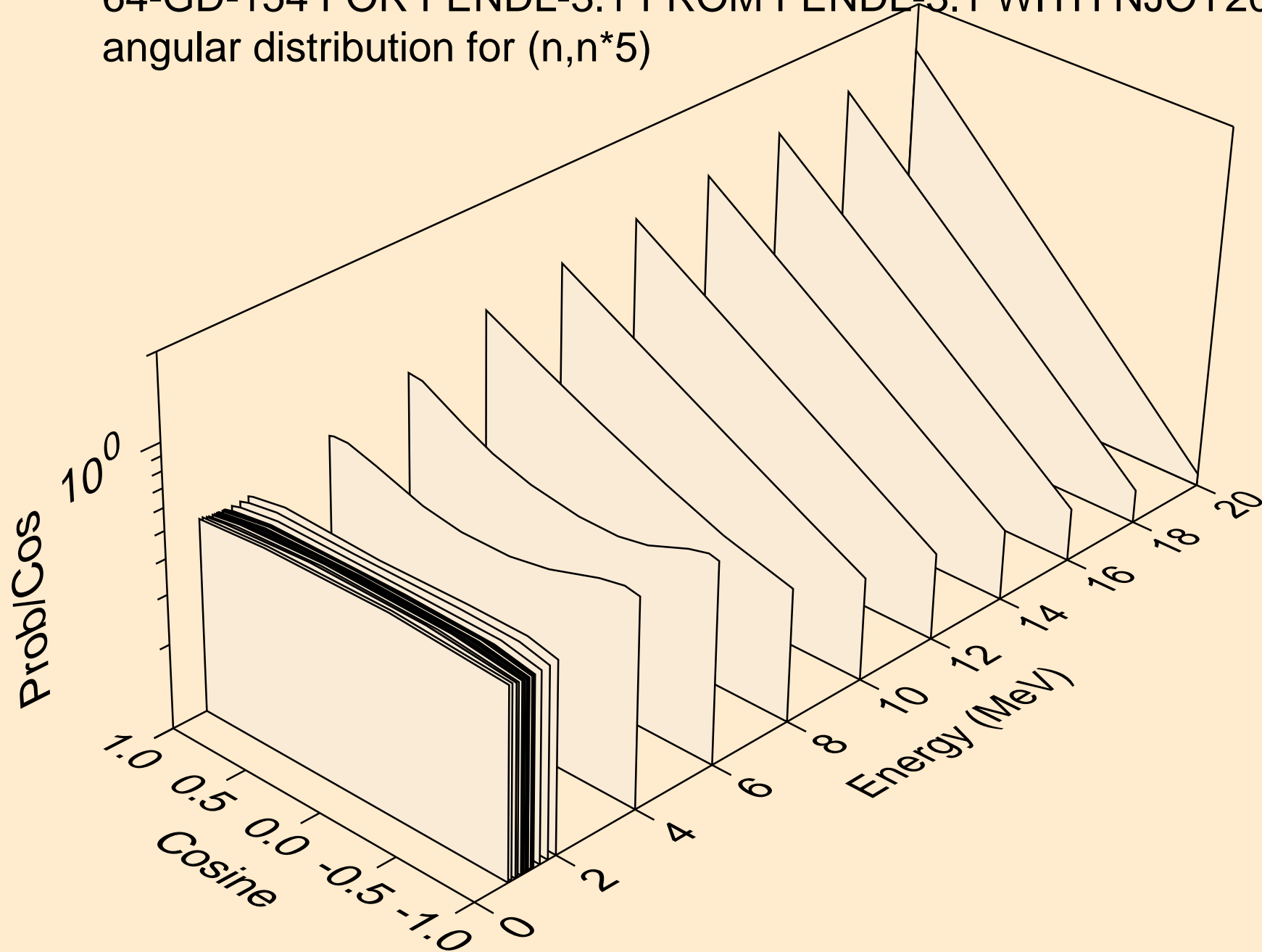
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*3)



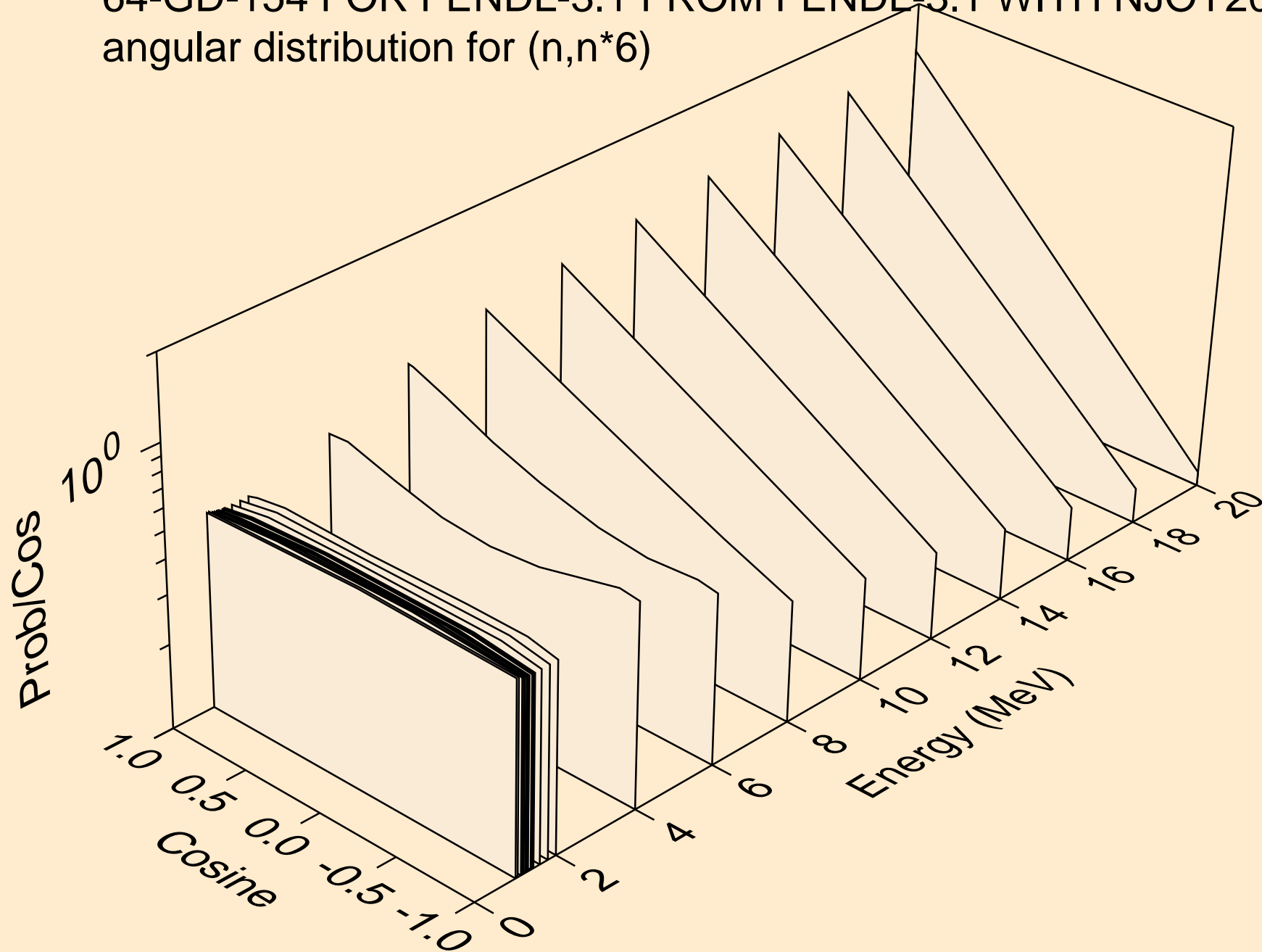
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*4)



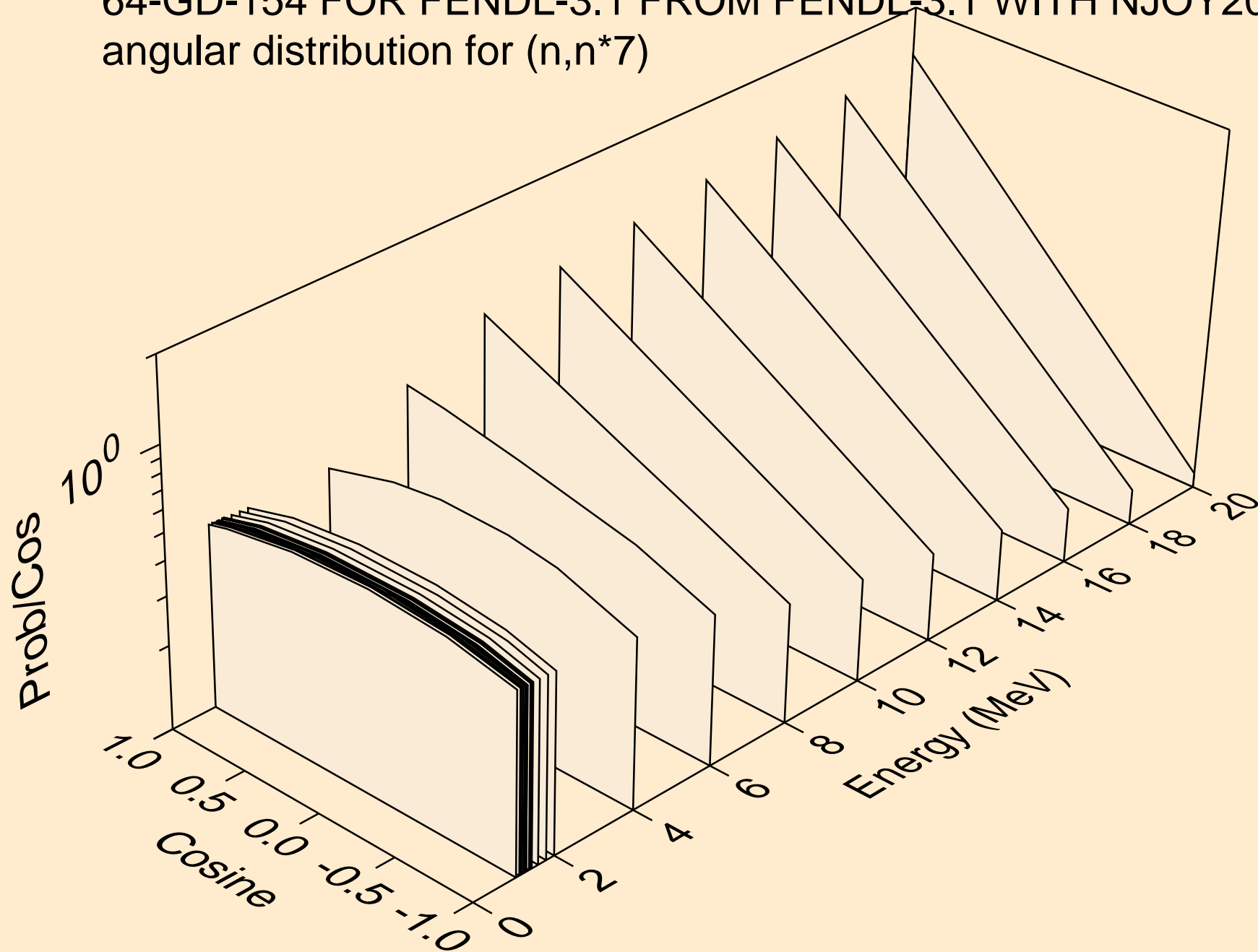
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*5)



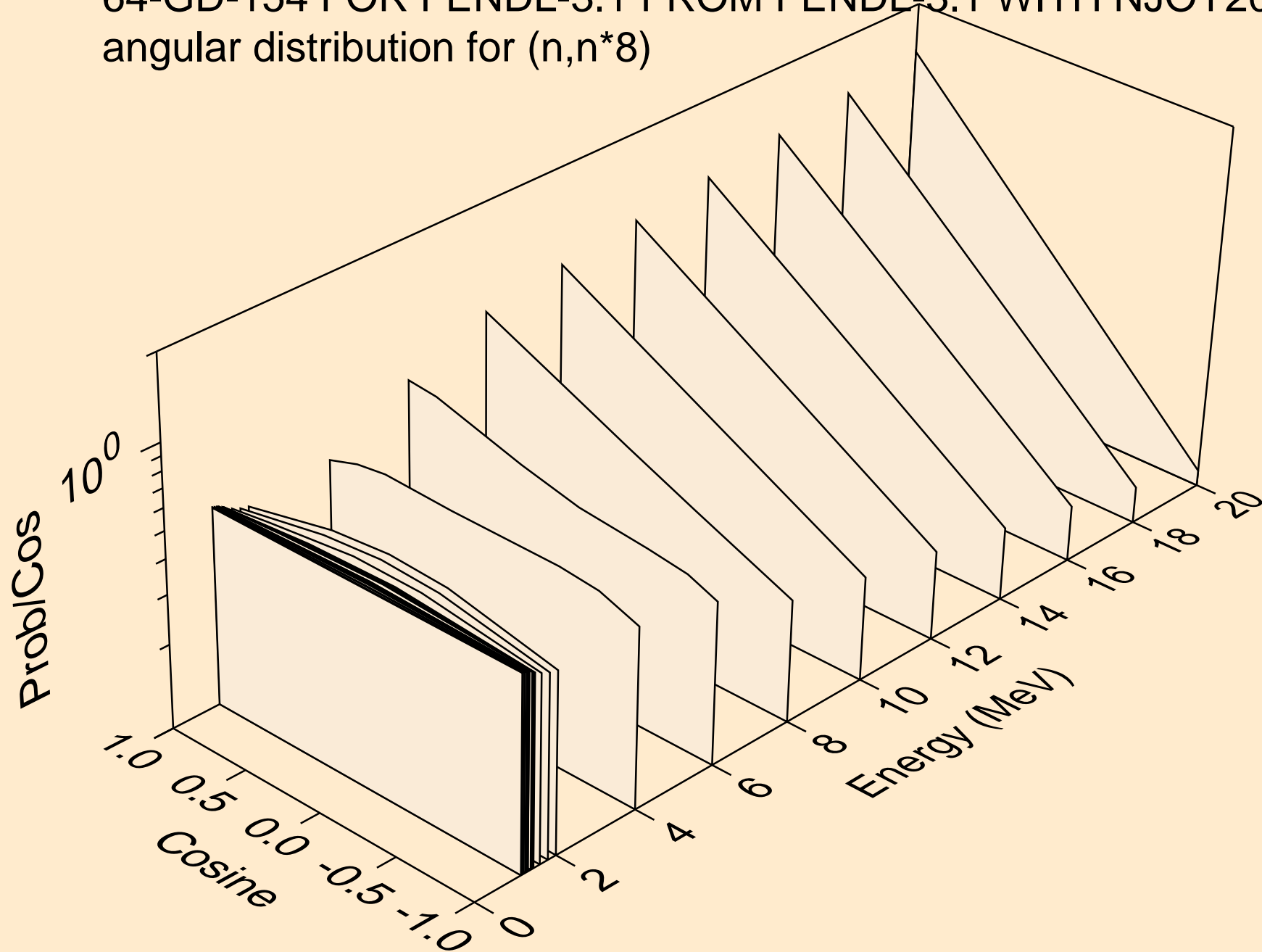
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*6)



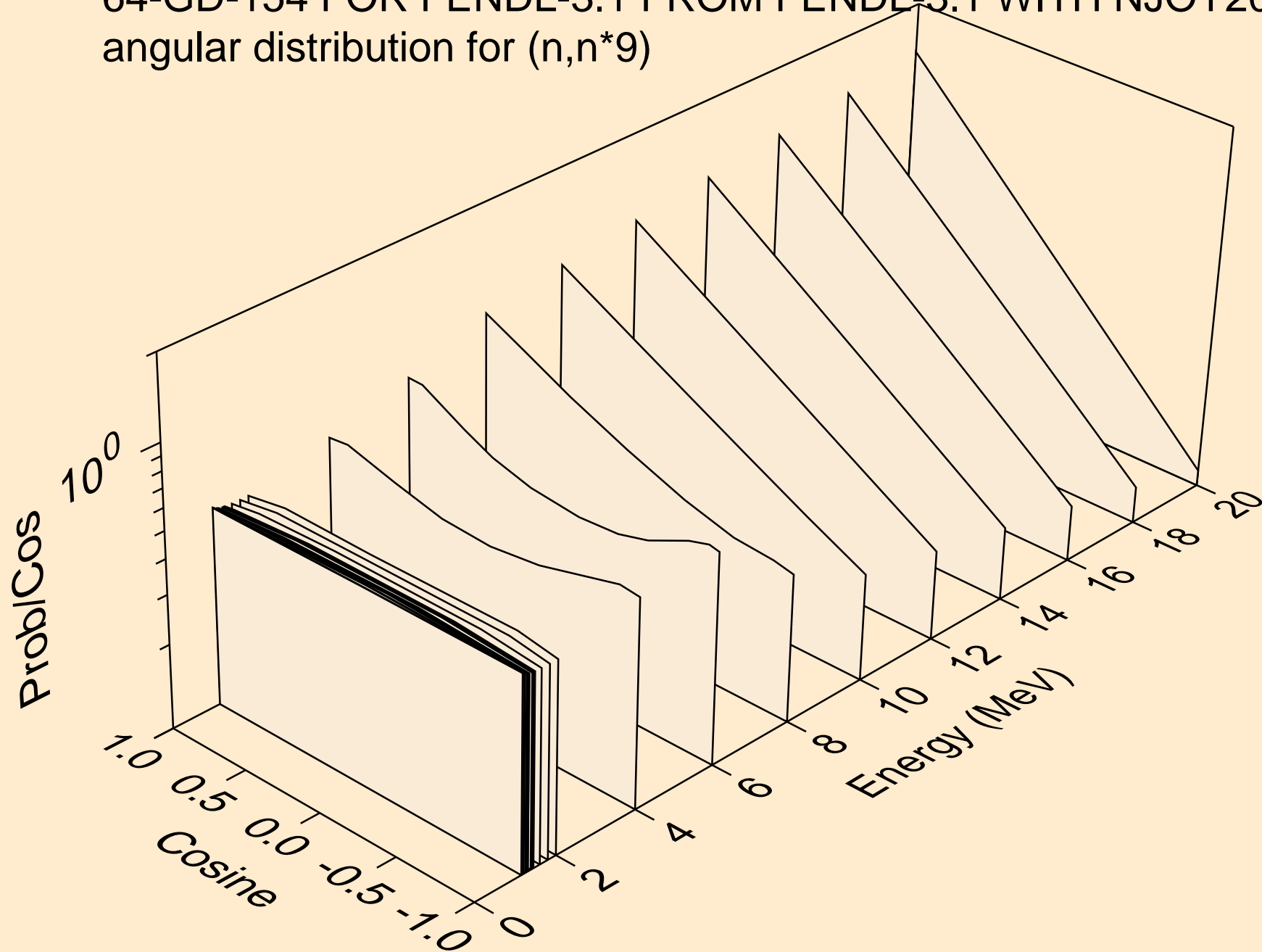
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*7)



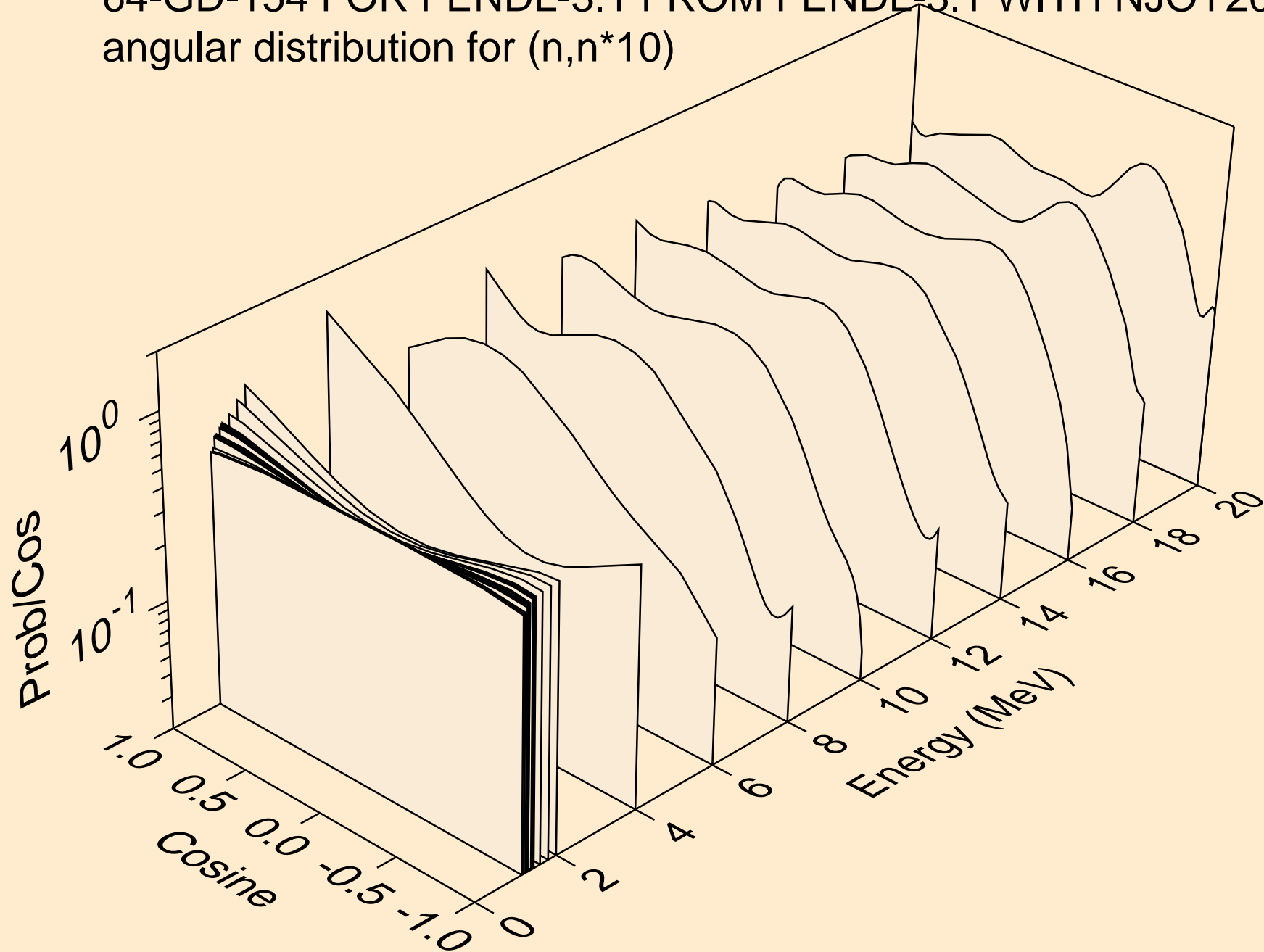
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*8)



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*9)

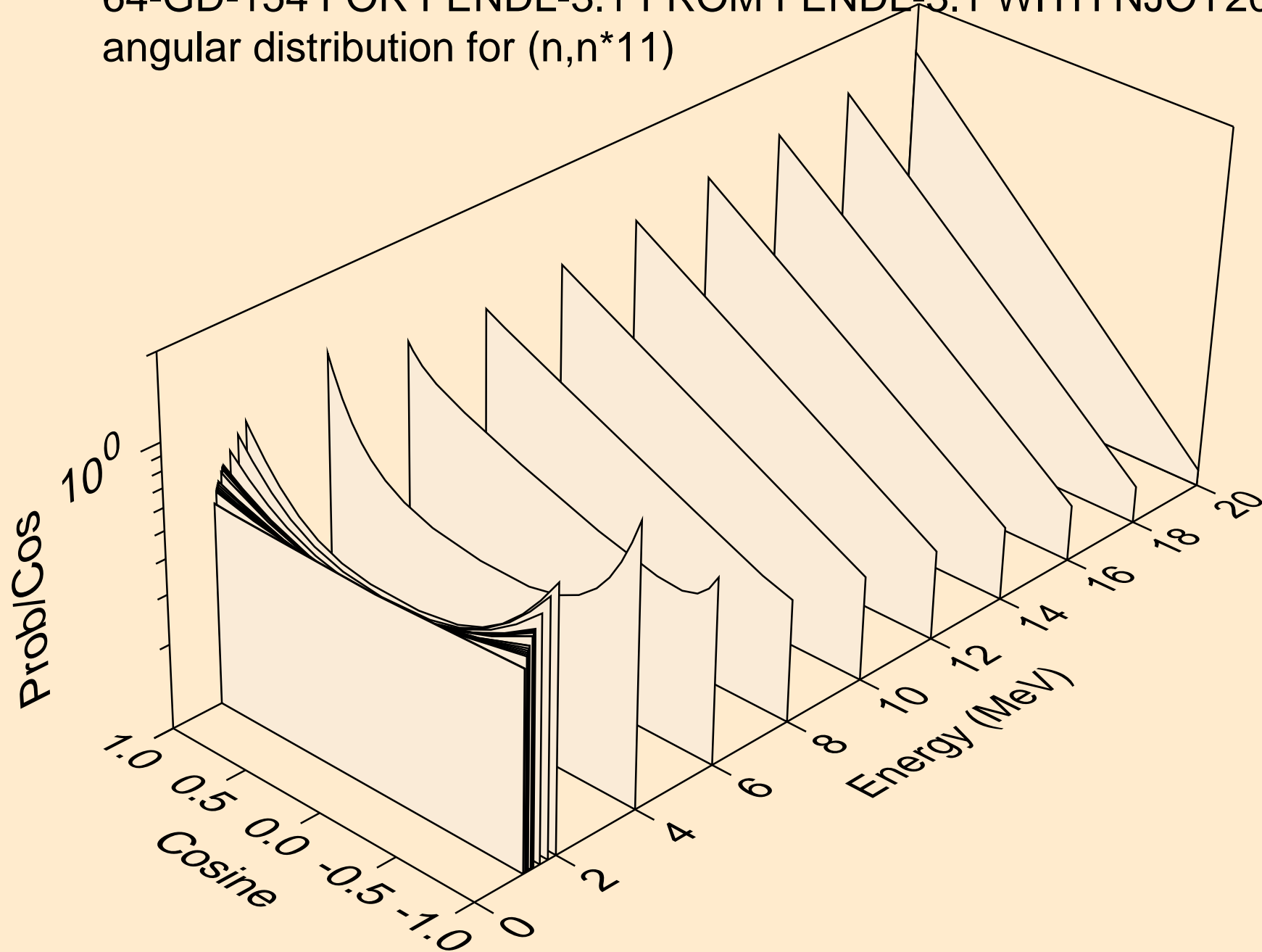


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*10)

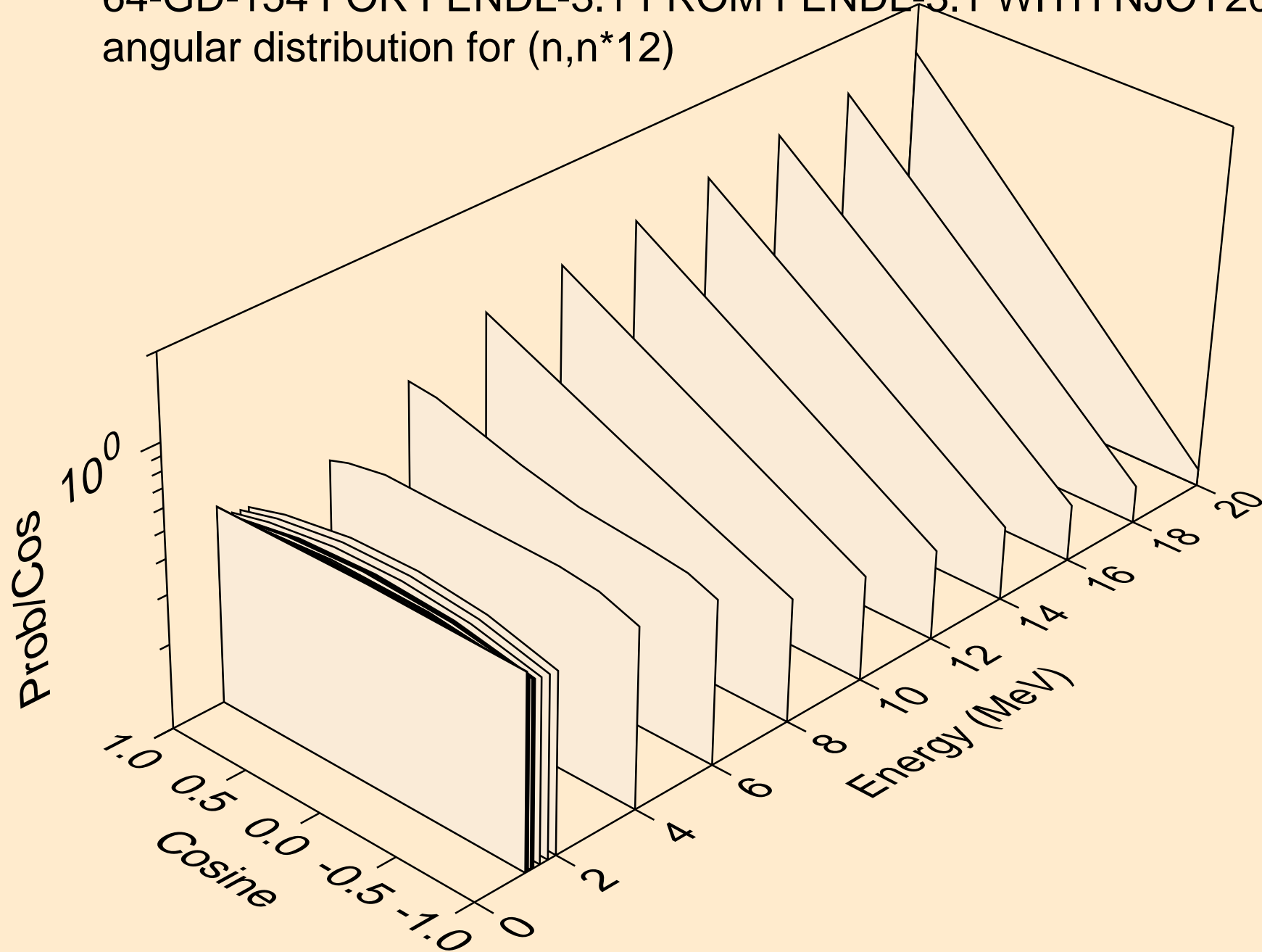




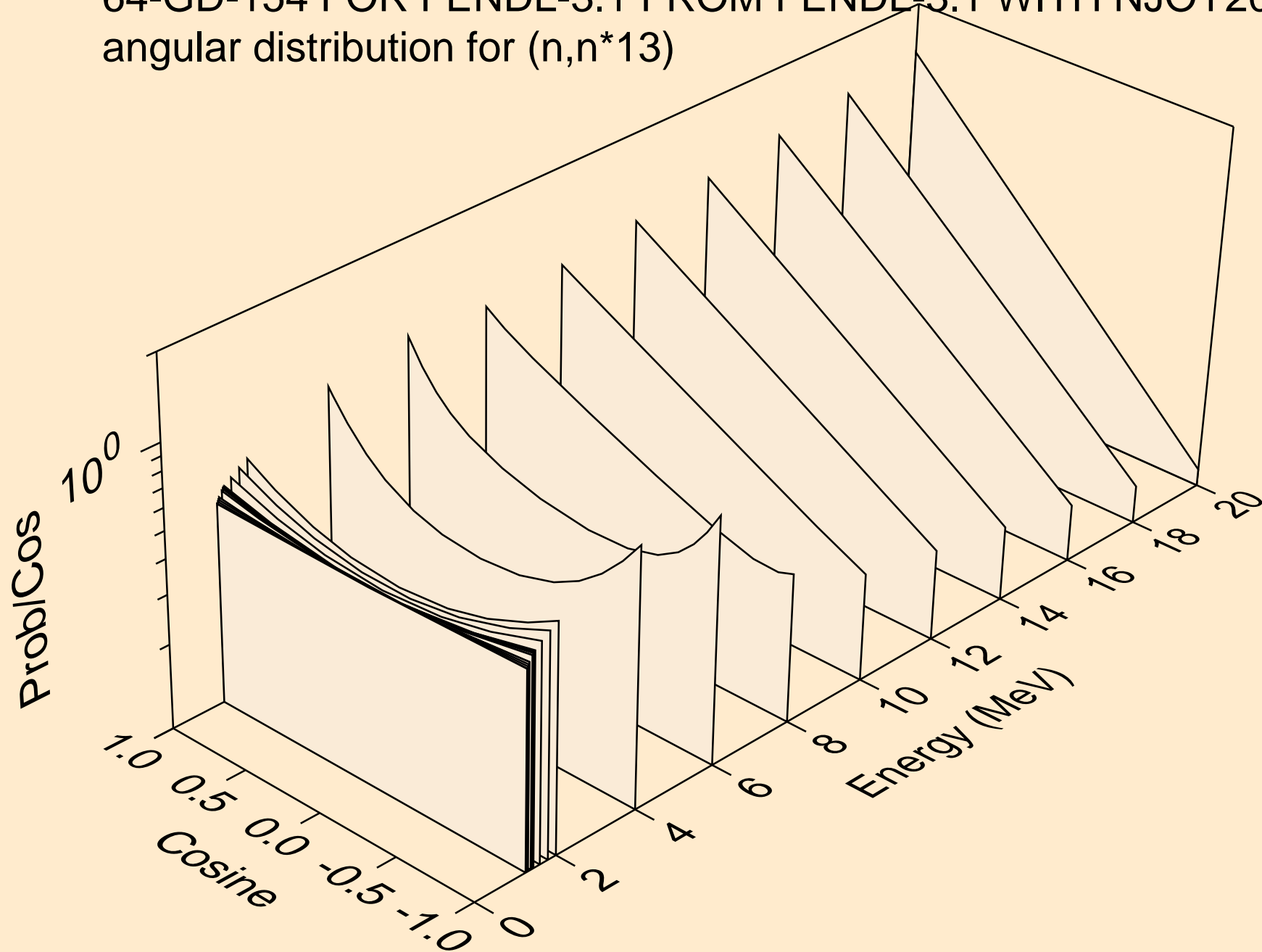
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*11)



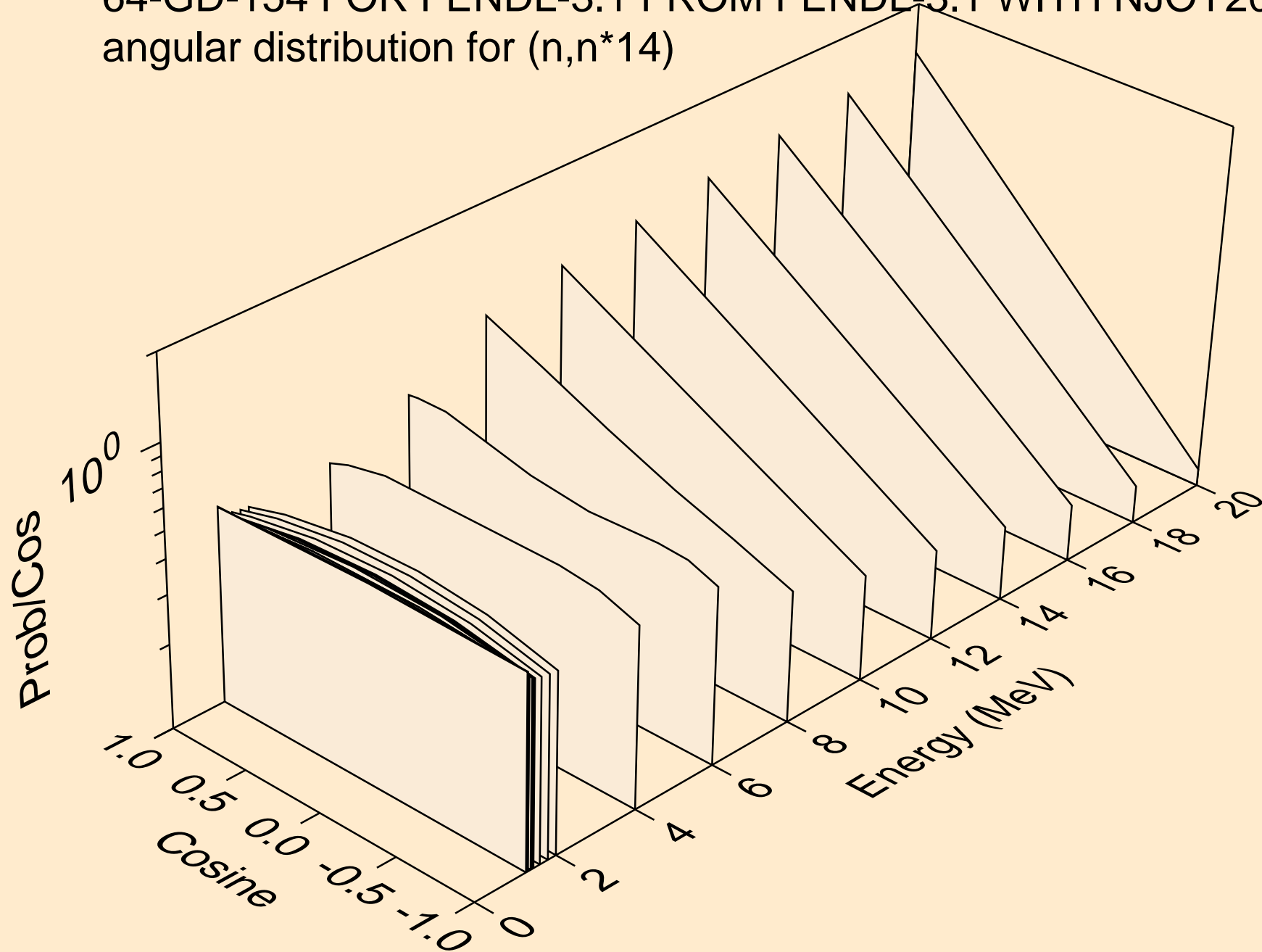
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*12)



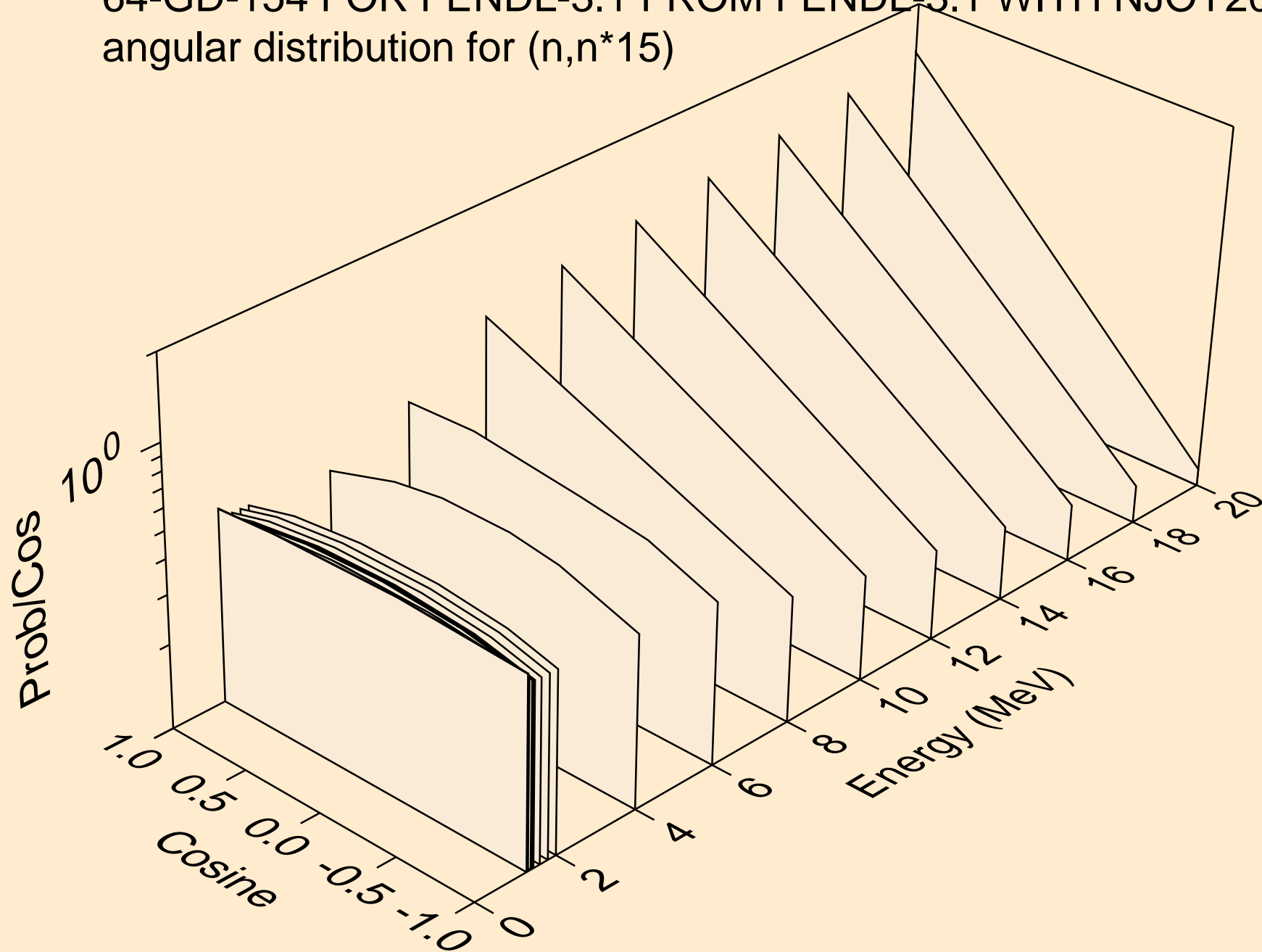
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*13)



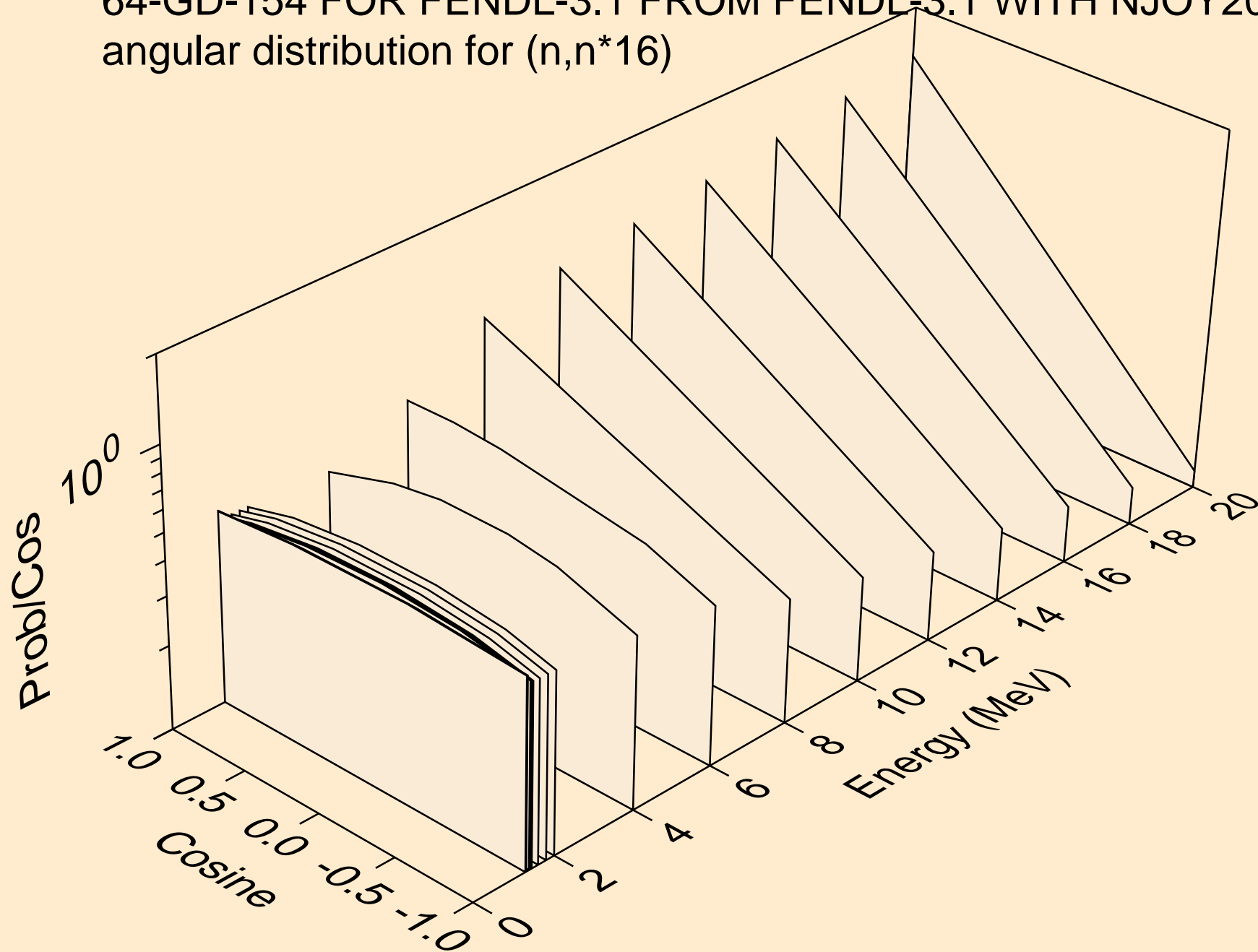
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*14)



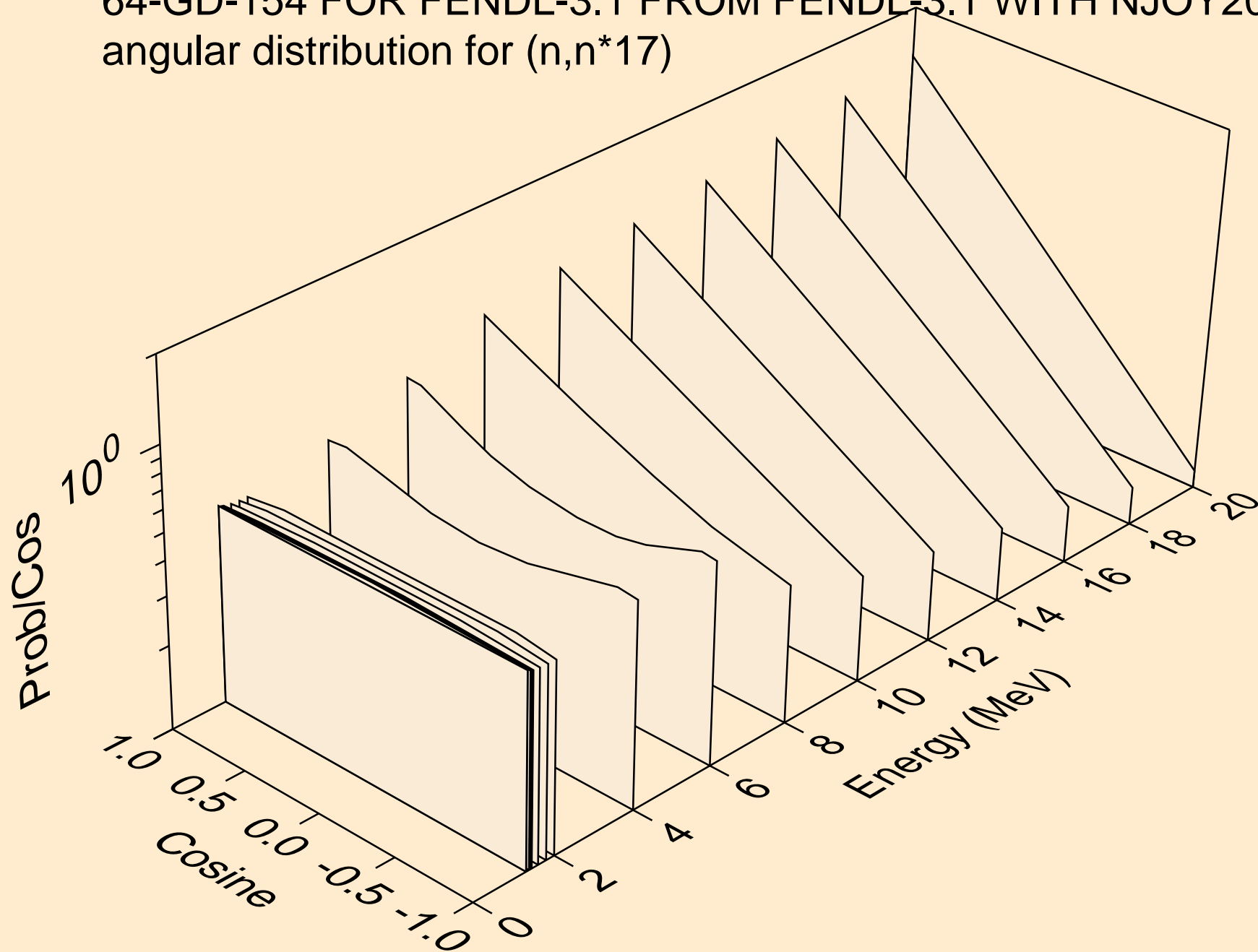
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*15)



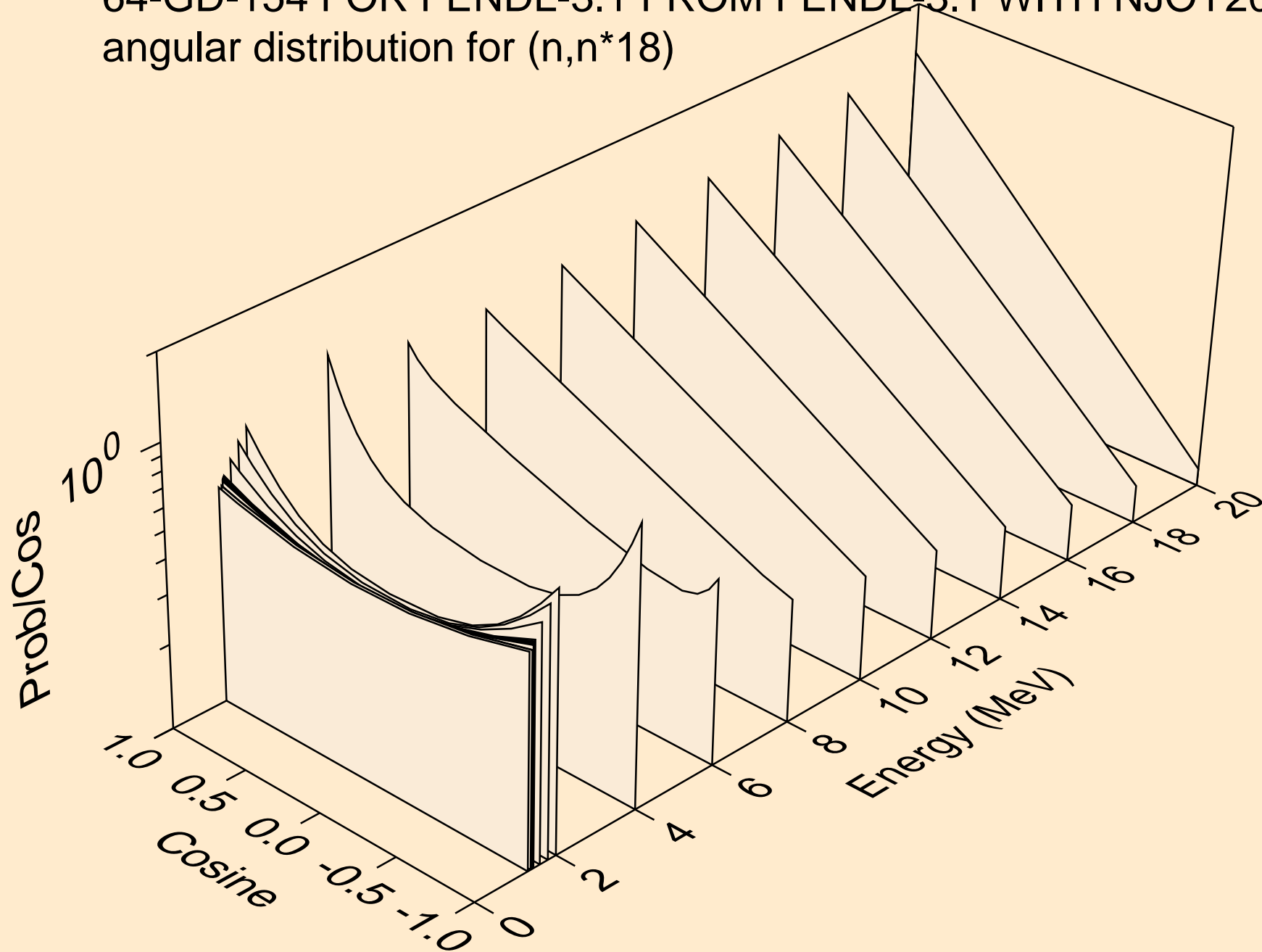
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*16)



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*17)

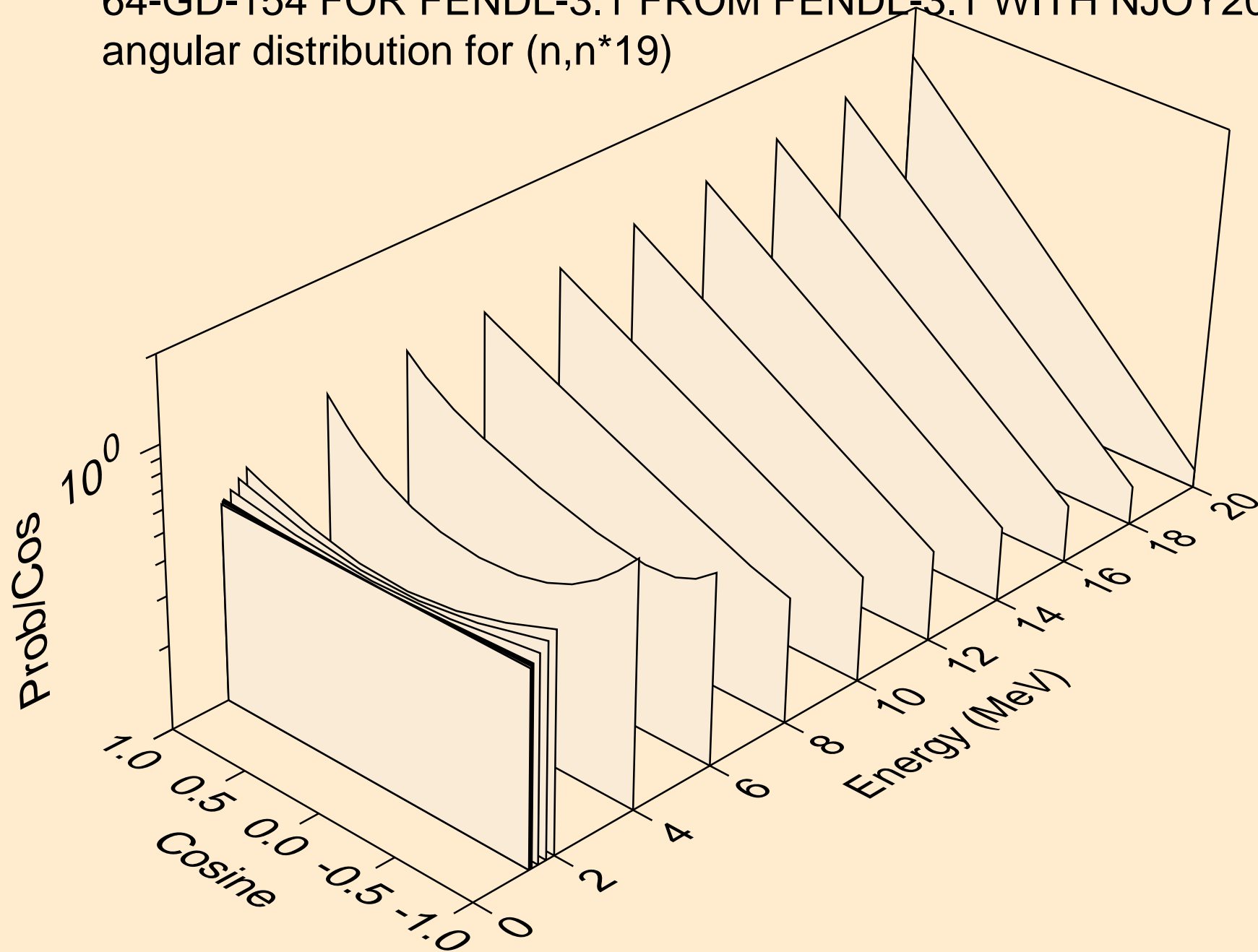


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*18)

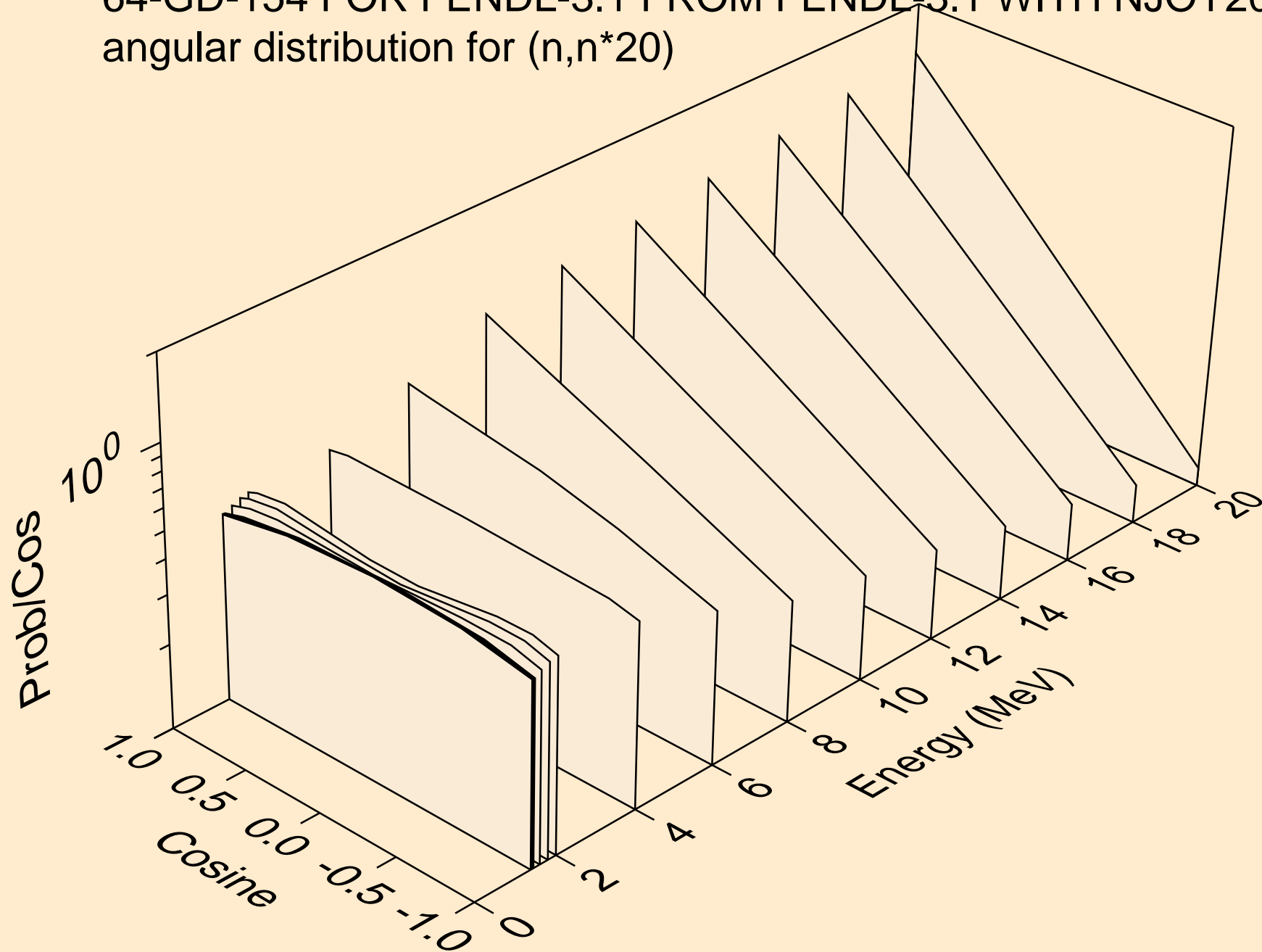




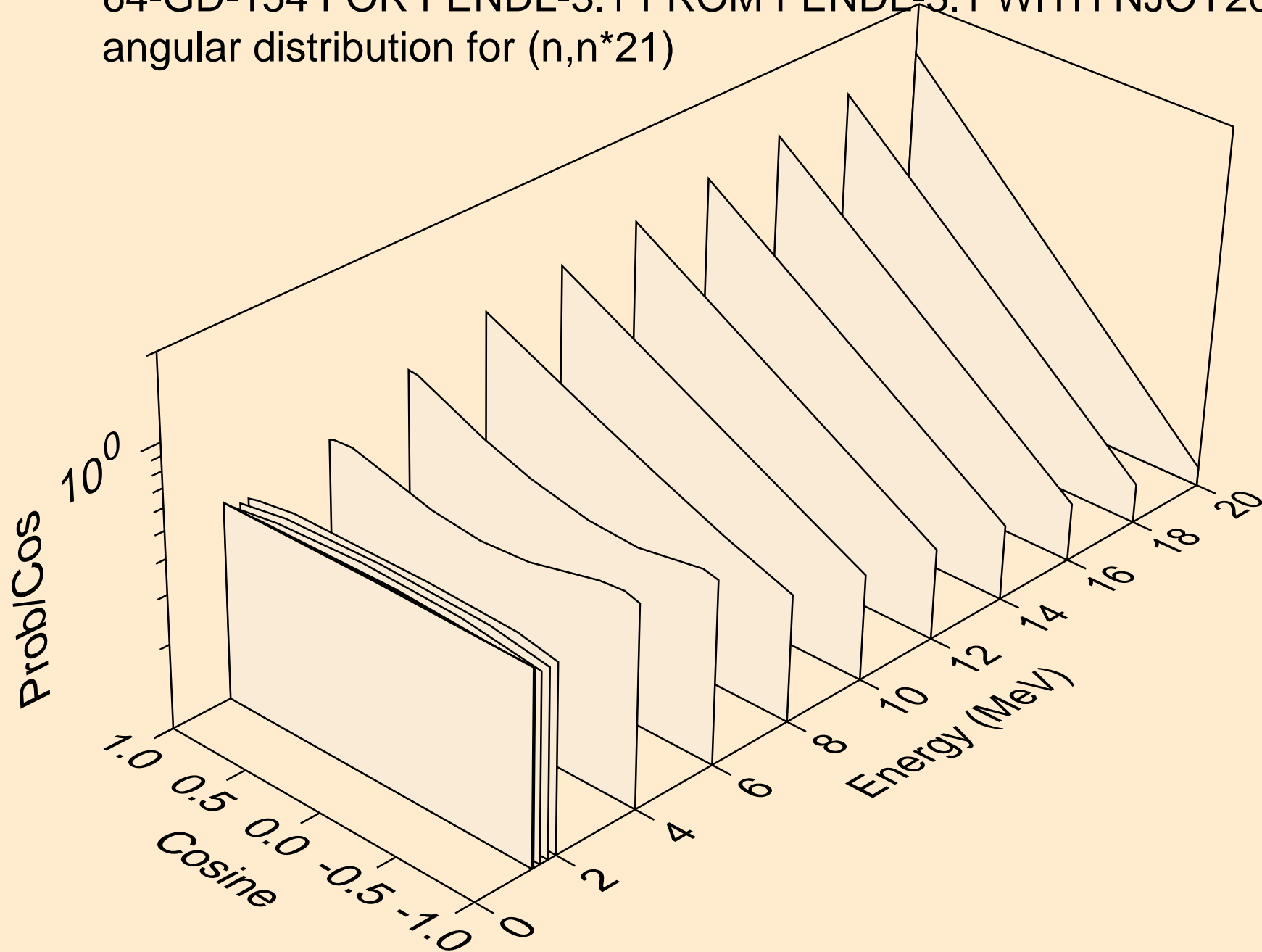
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*19)



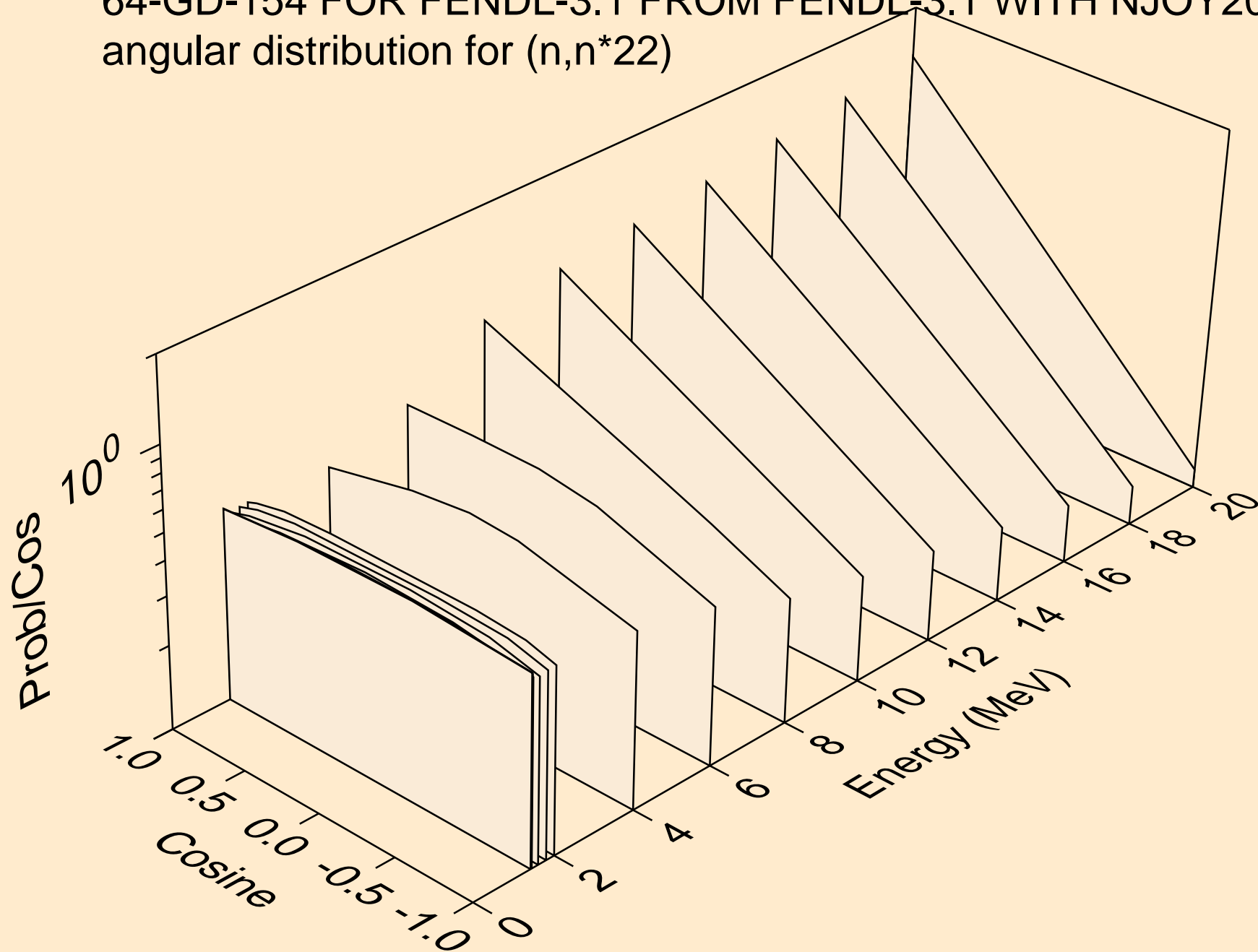
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*20)



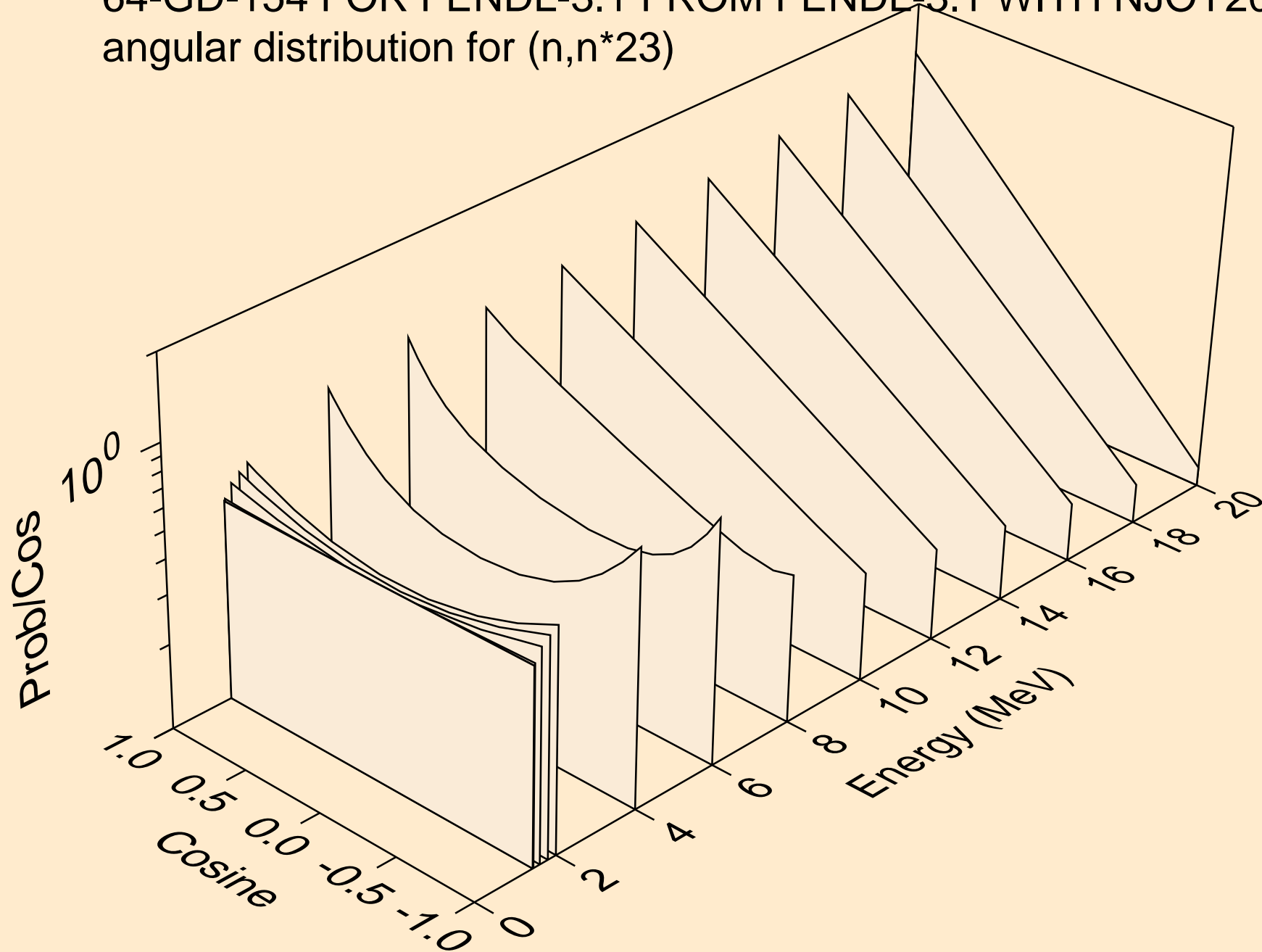
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*21)



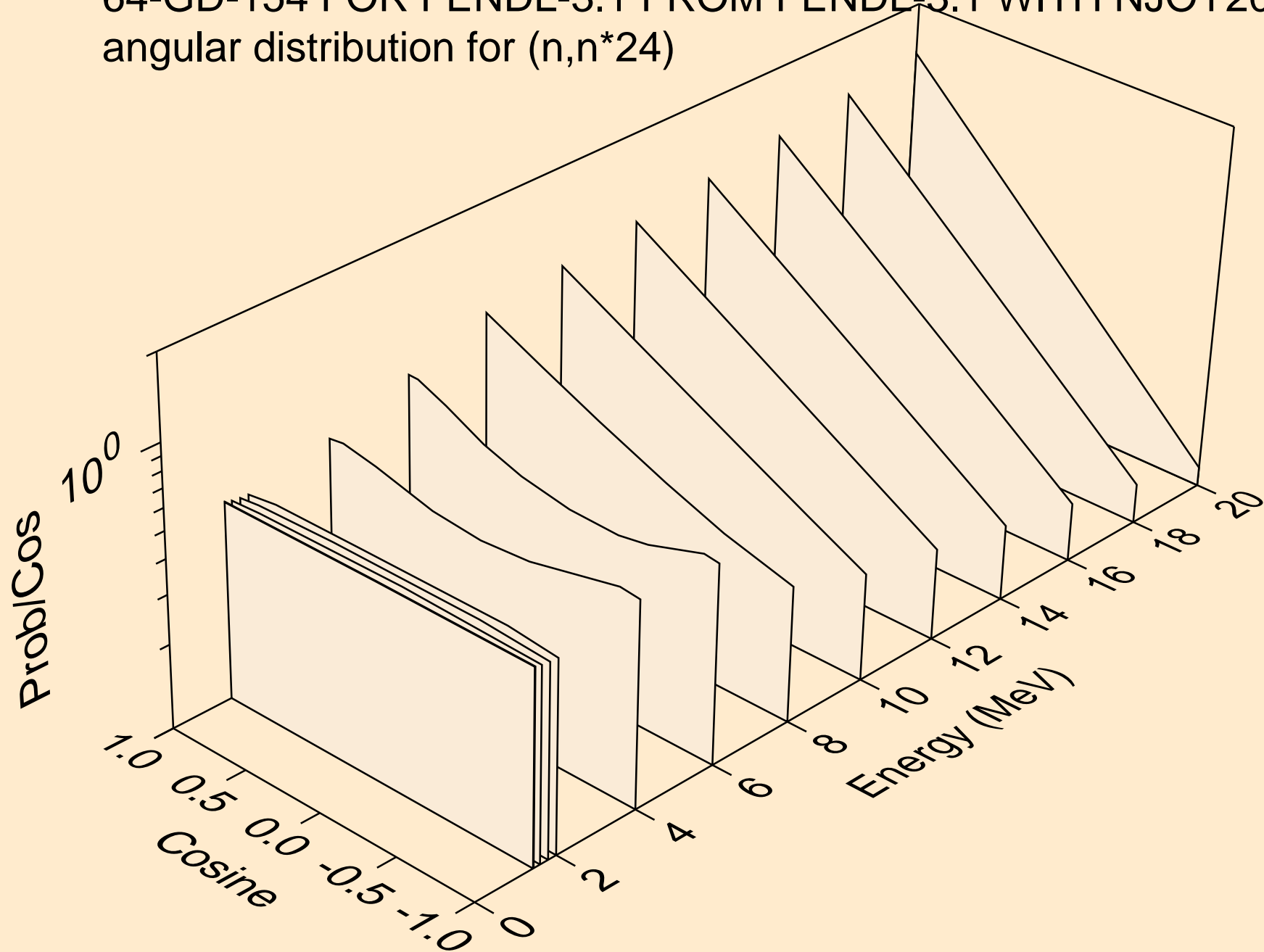
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*22)



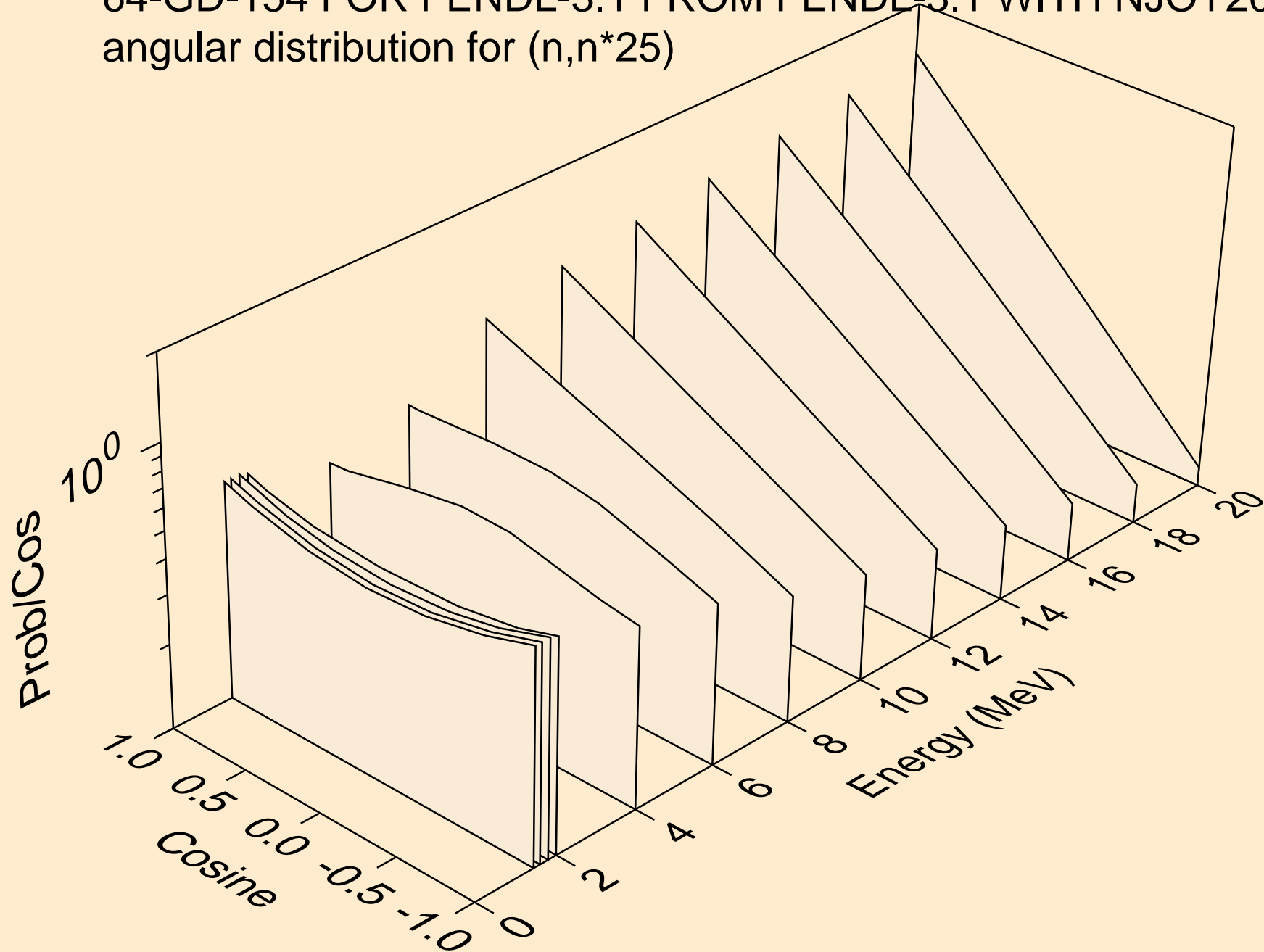
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*23)



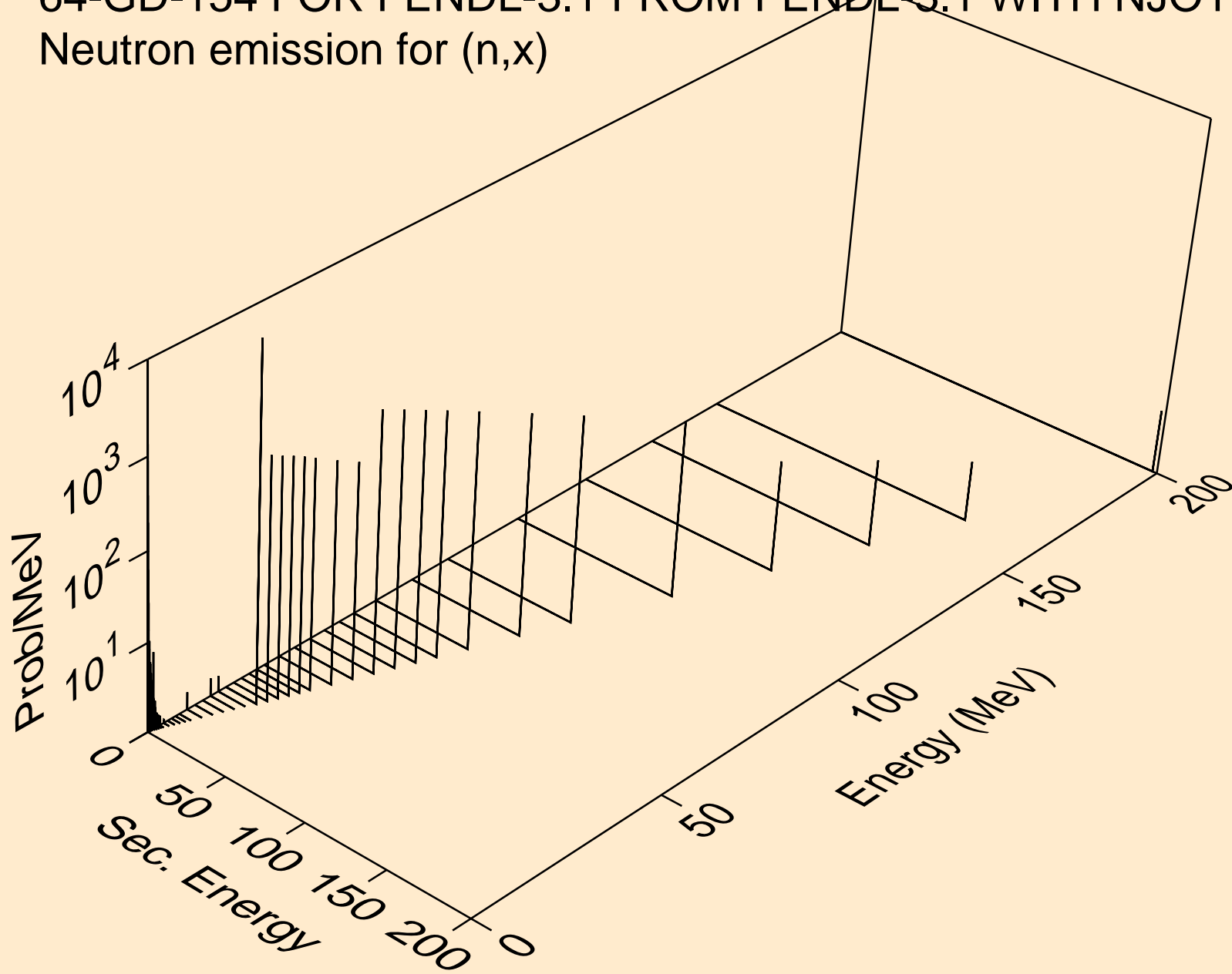
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*24)



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*25)

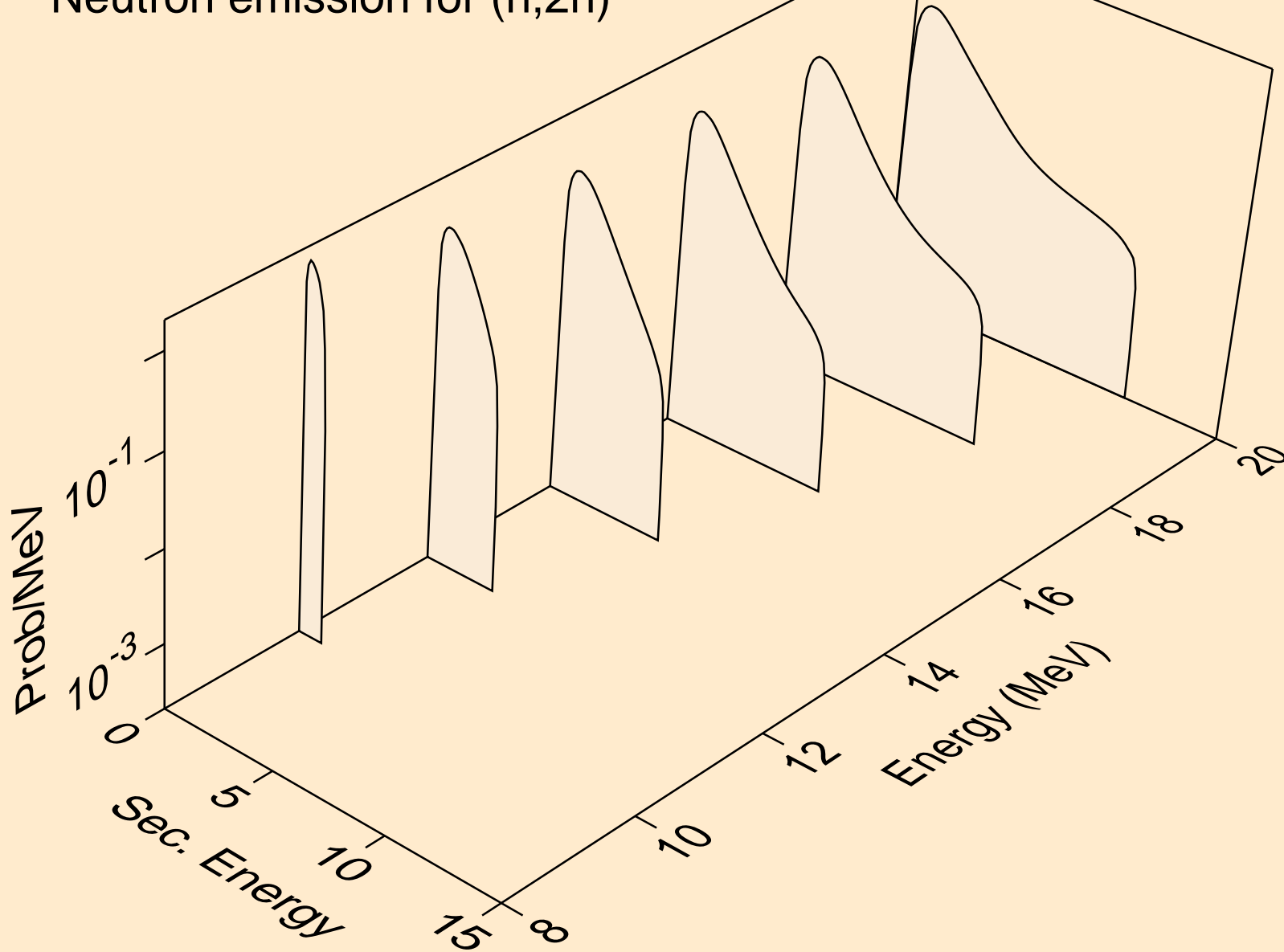


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,x)

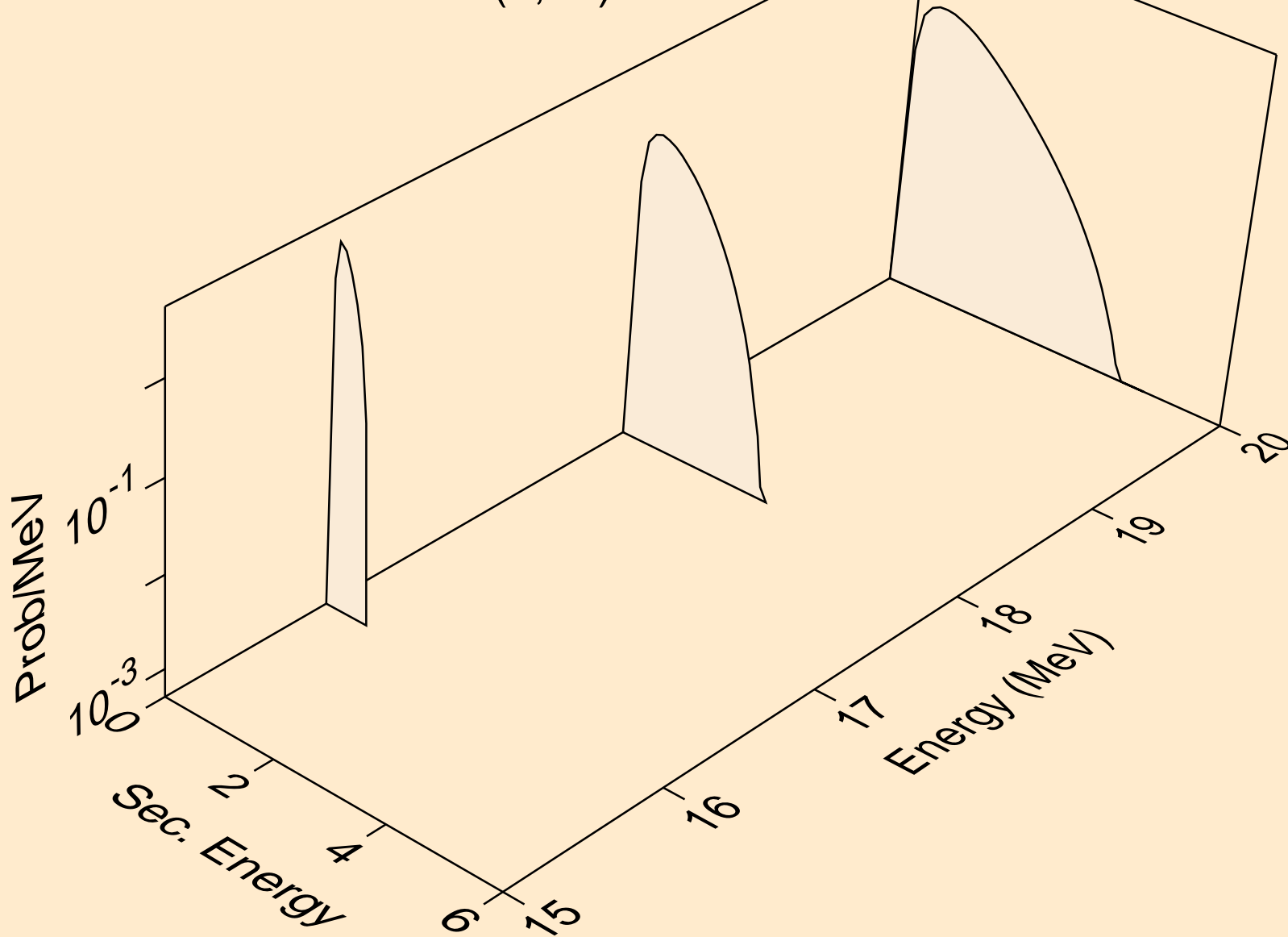




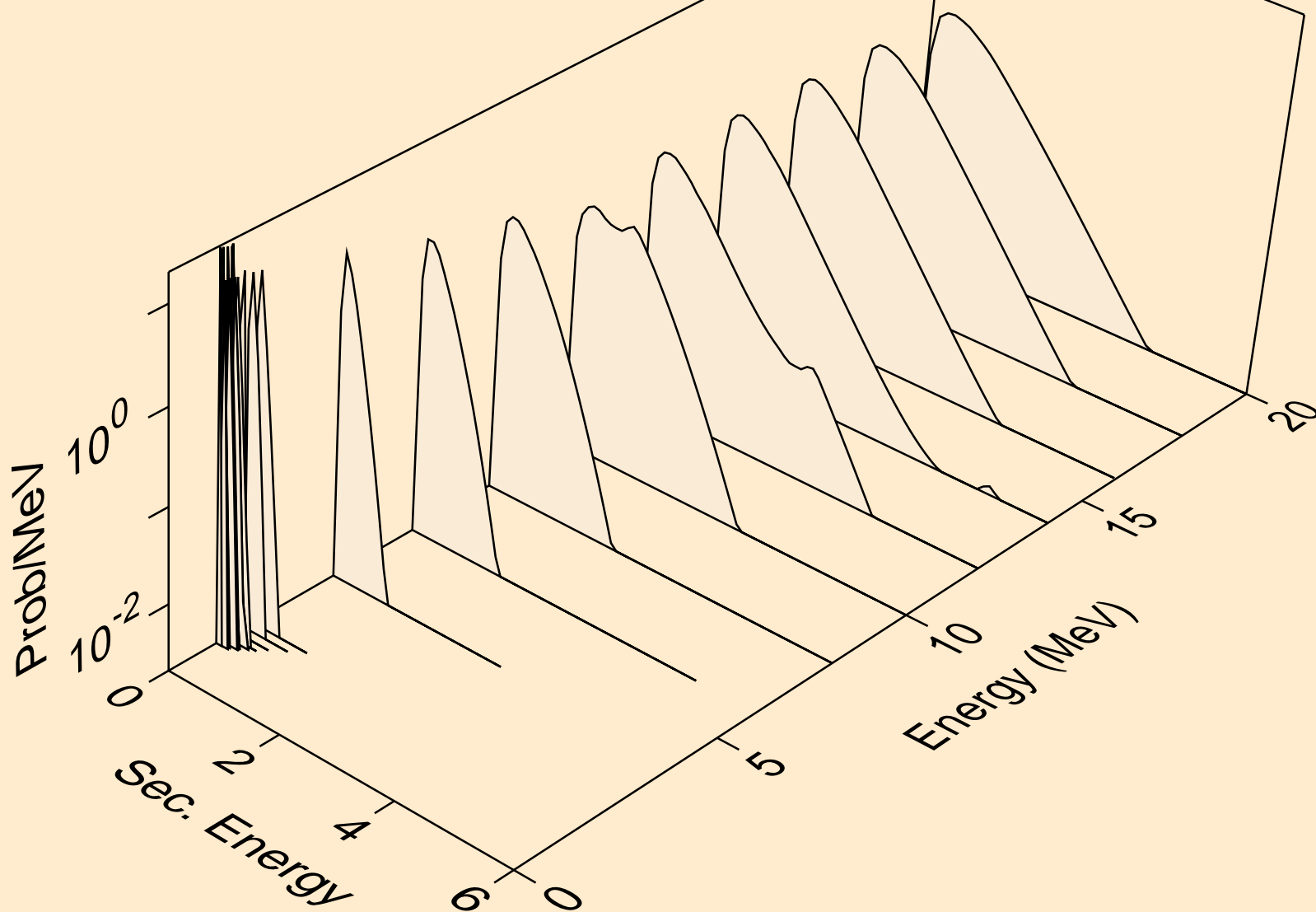
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,2n)



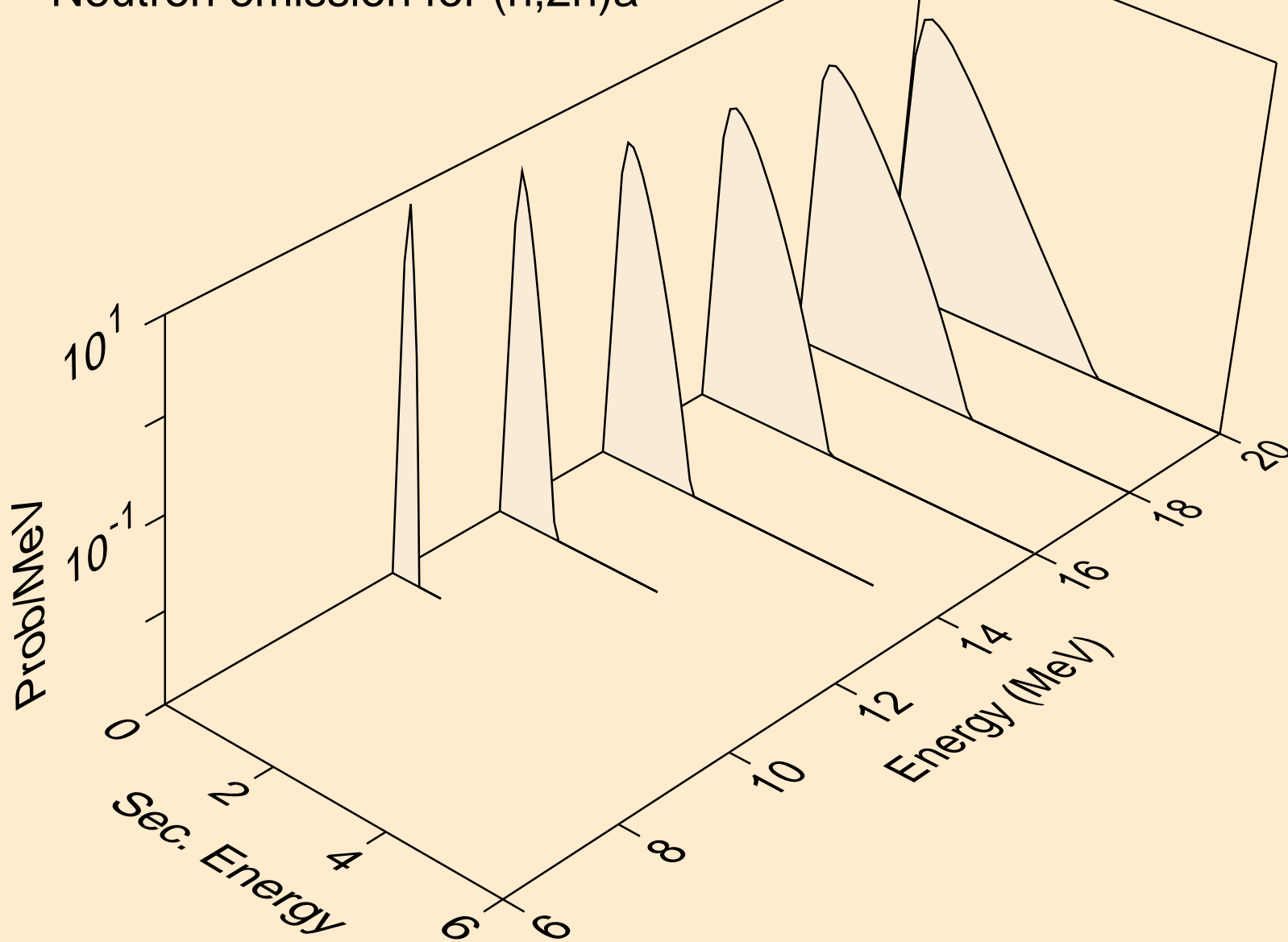
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,3n)



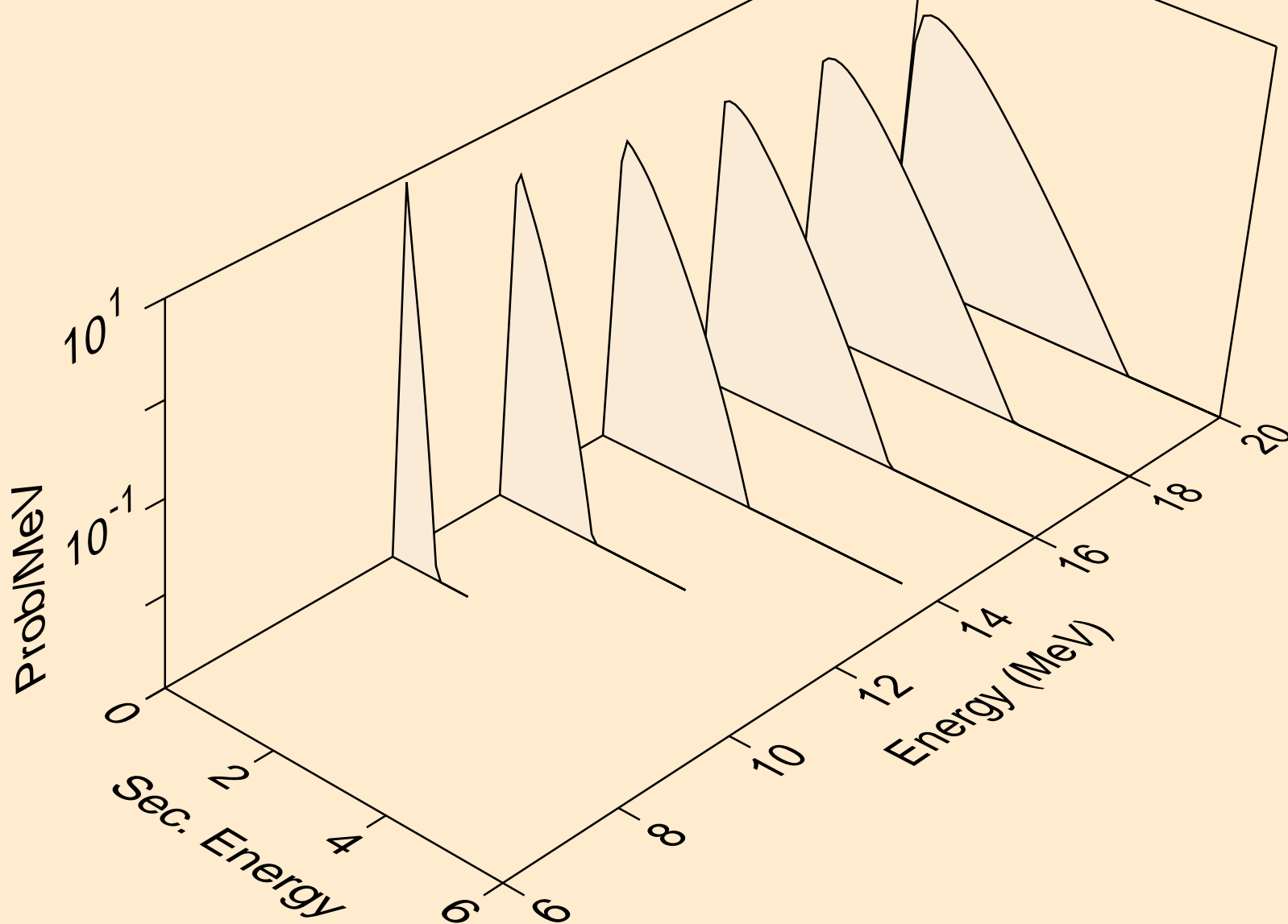
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,n\*)a



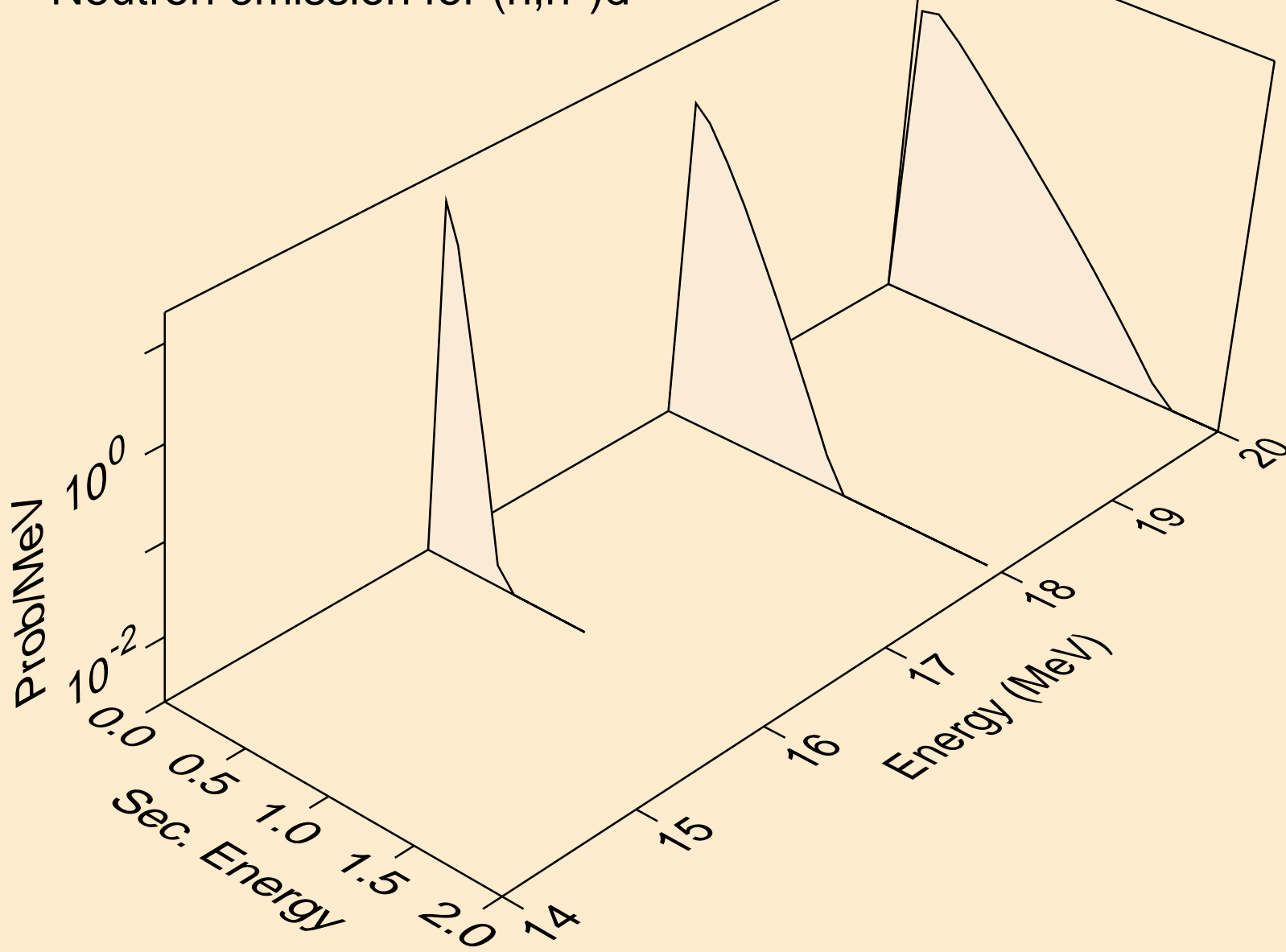
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,2n)a



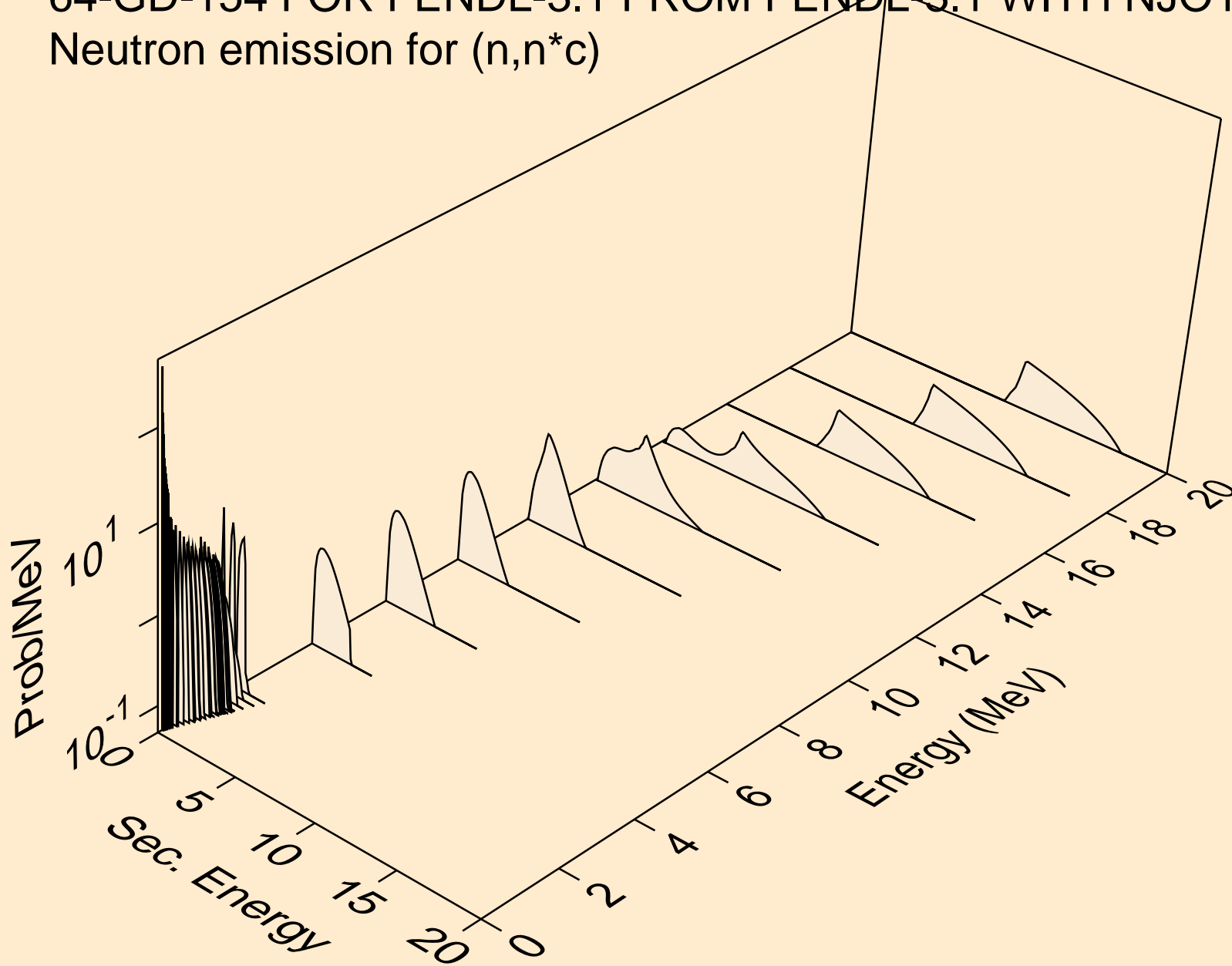
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,n\*)p



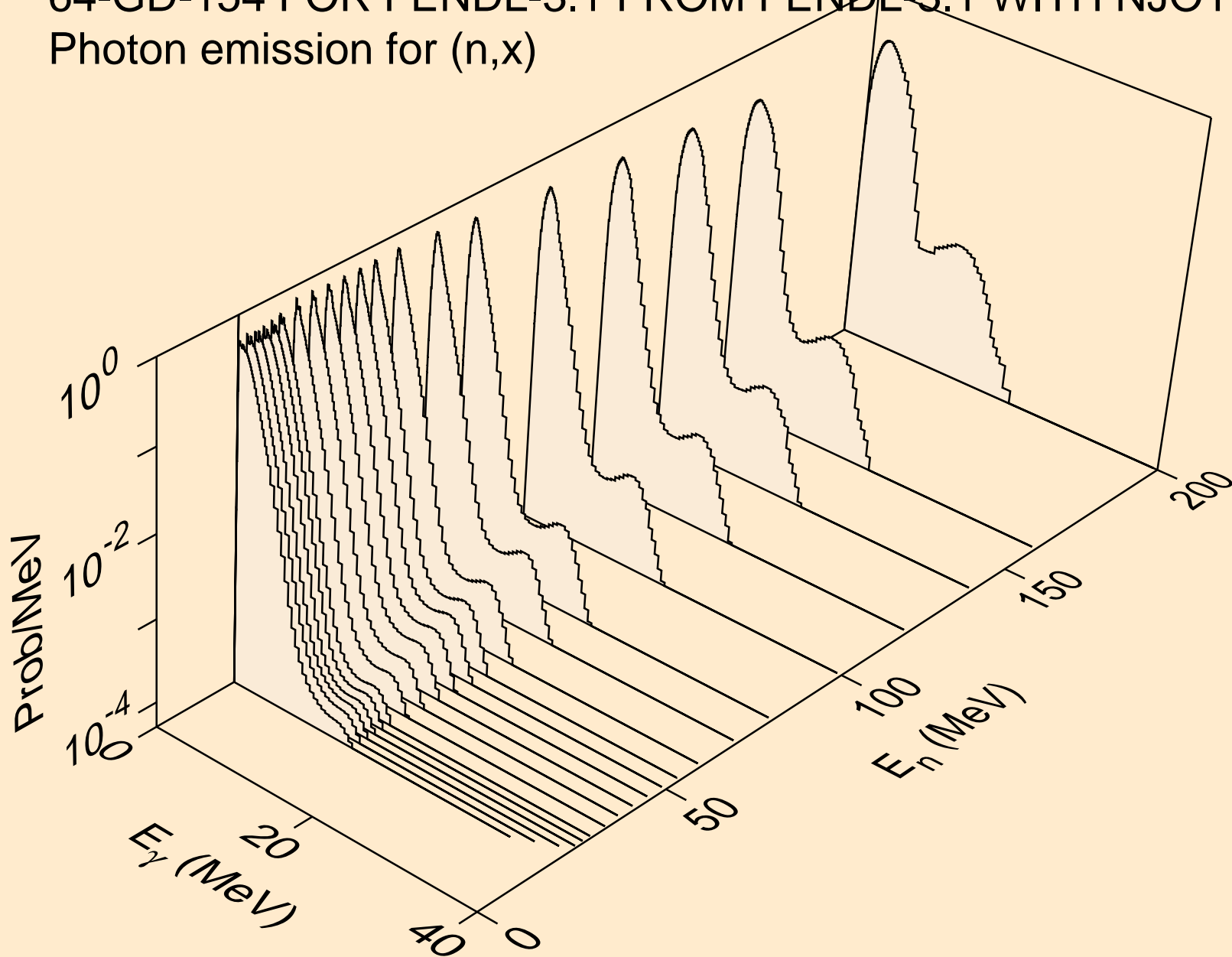
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,n\*)d



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,n\*c)

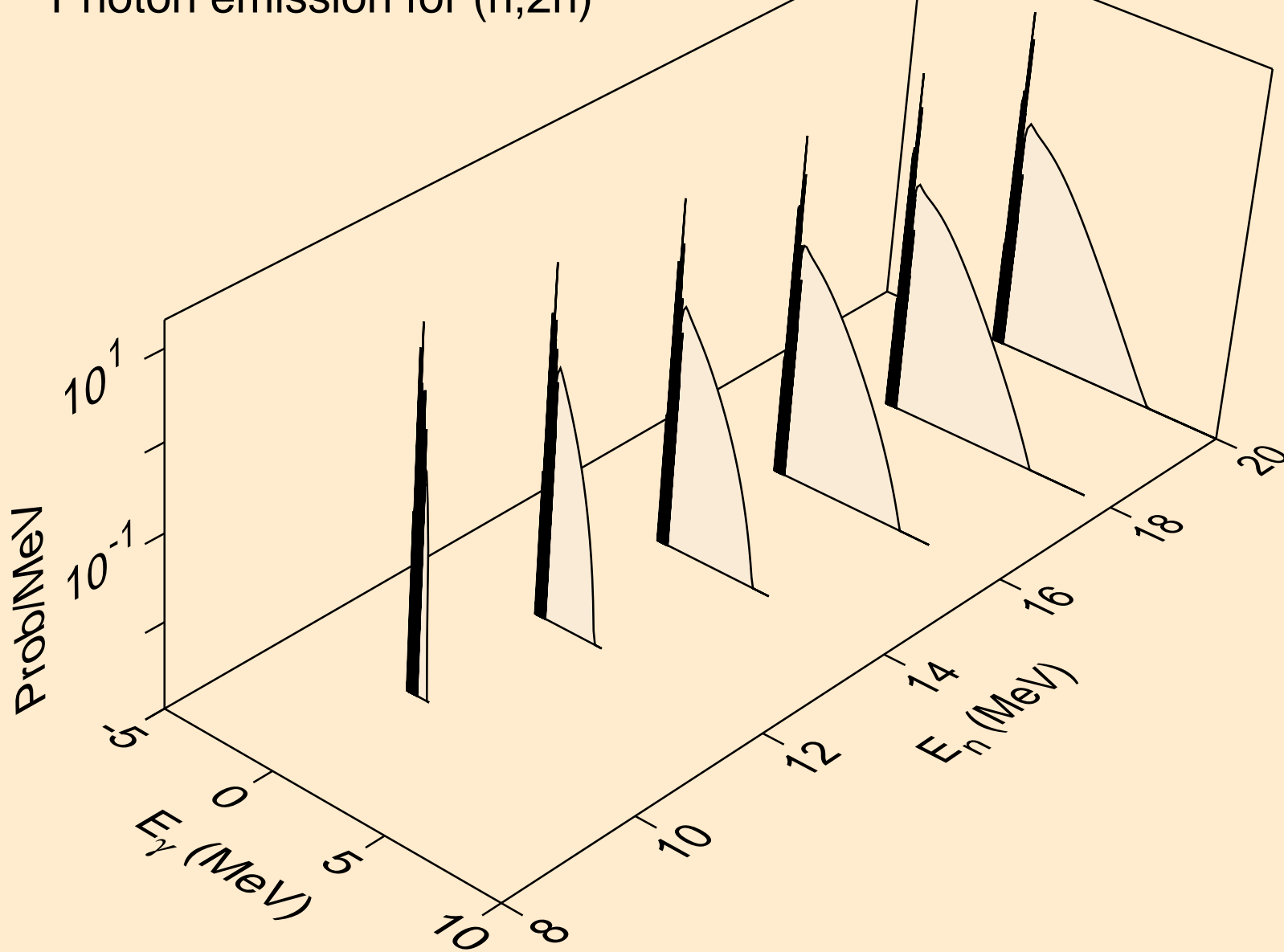


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,x)

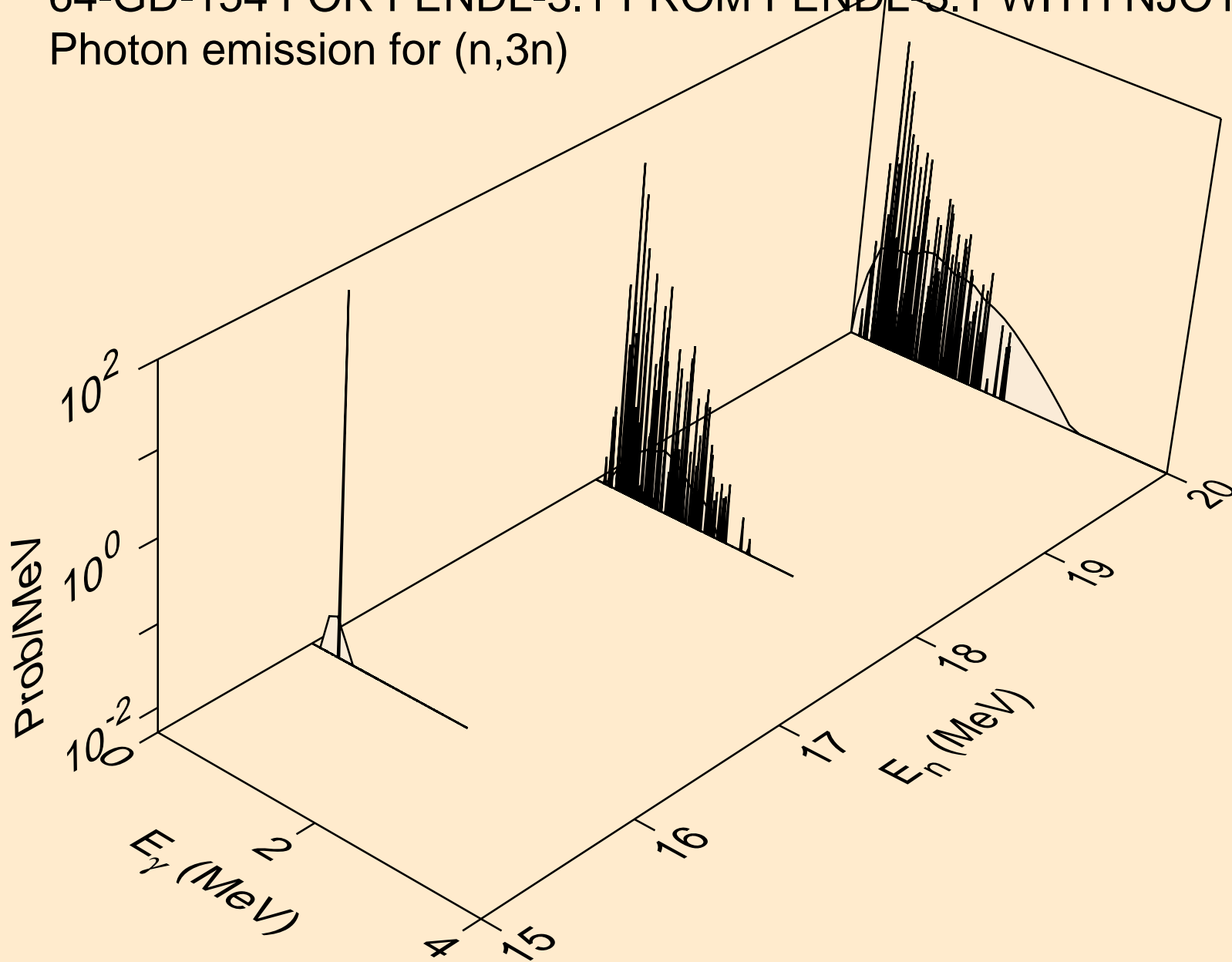




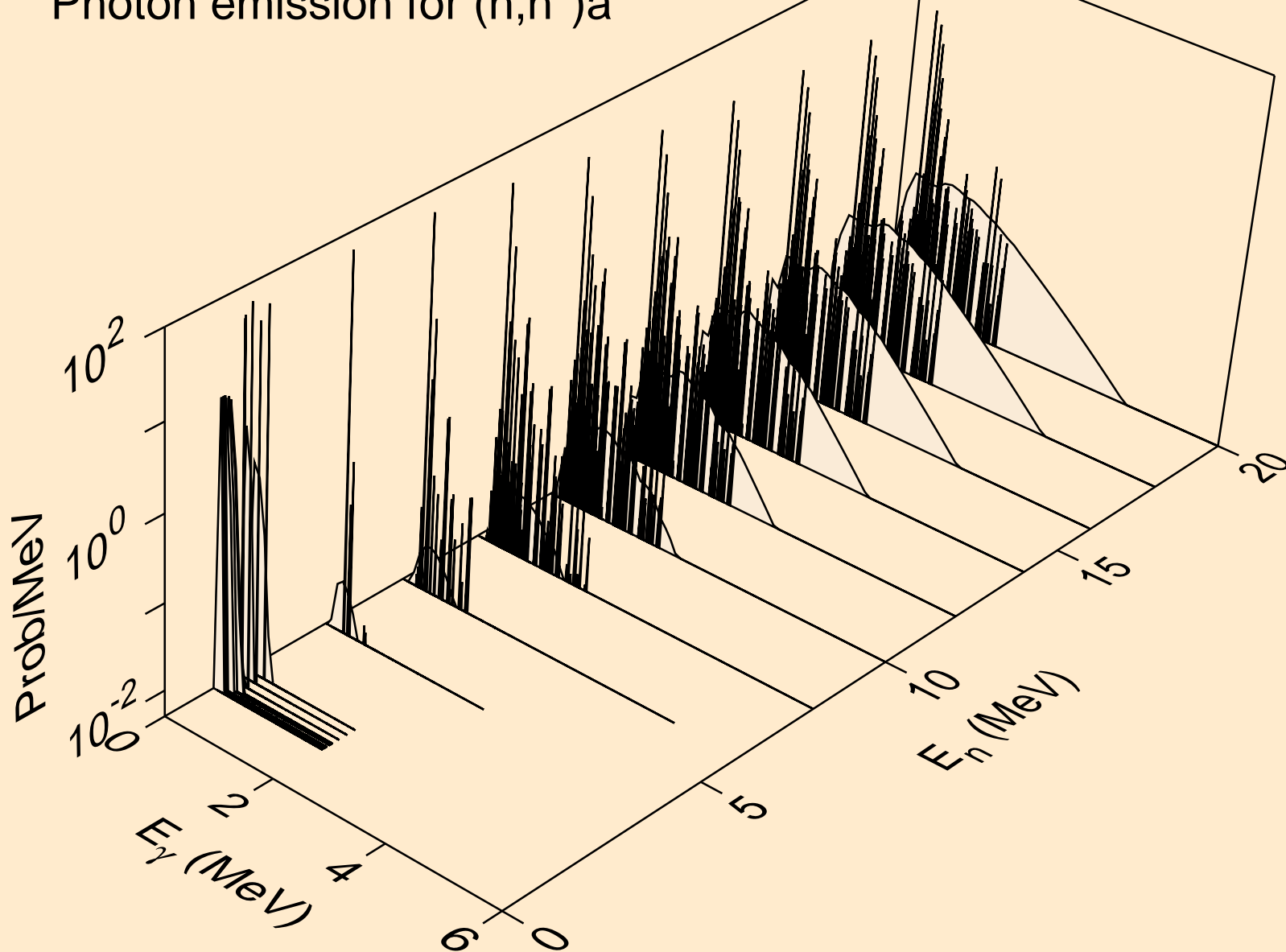
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,2n)



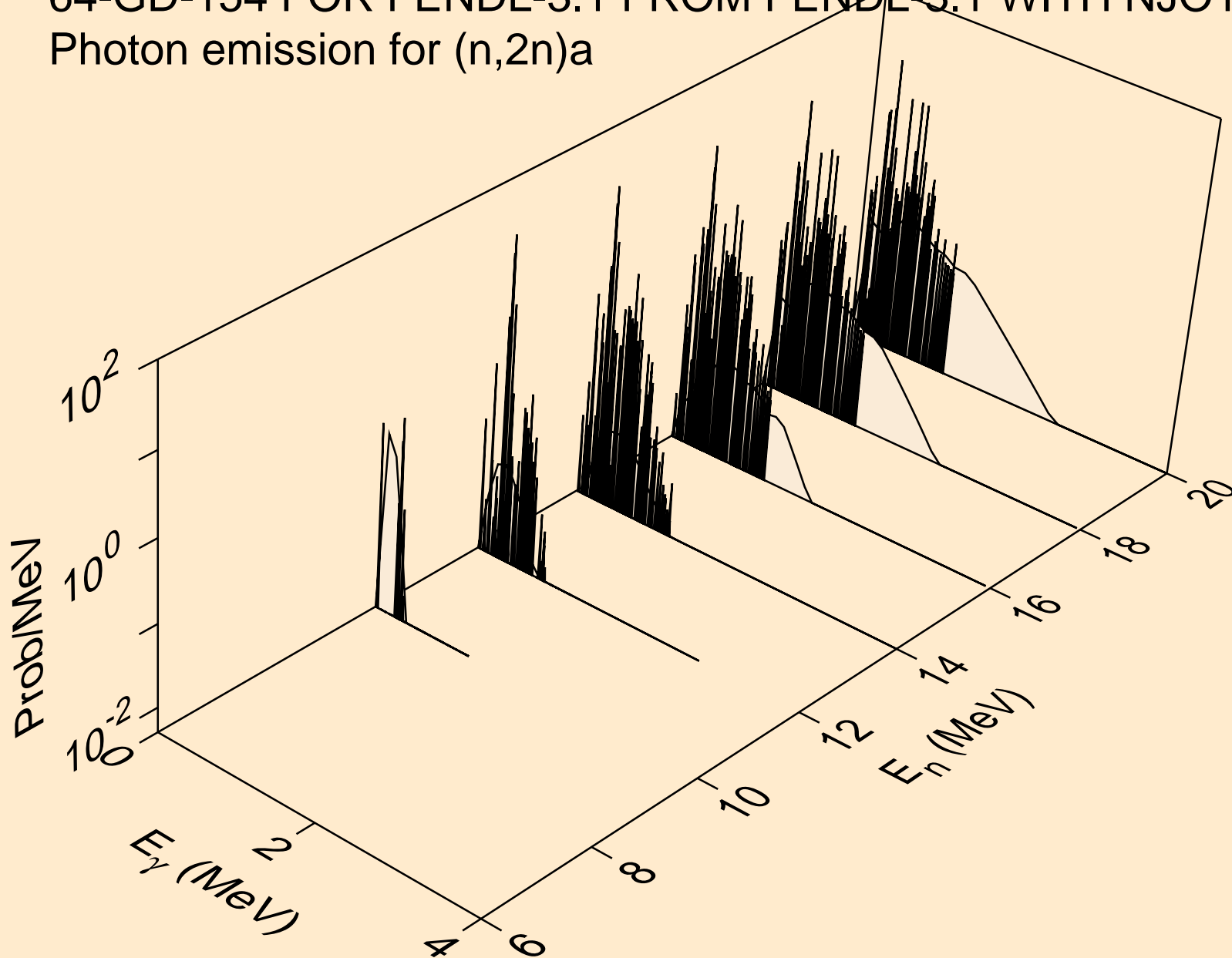
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,3n)



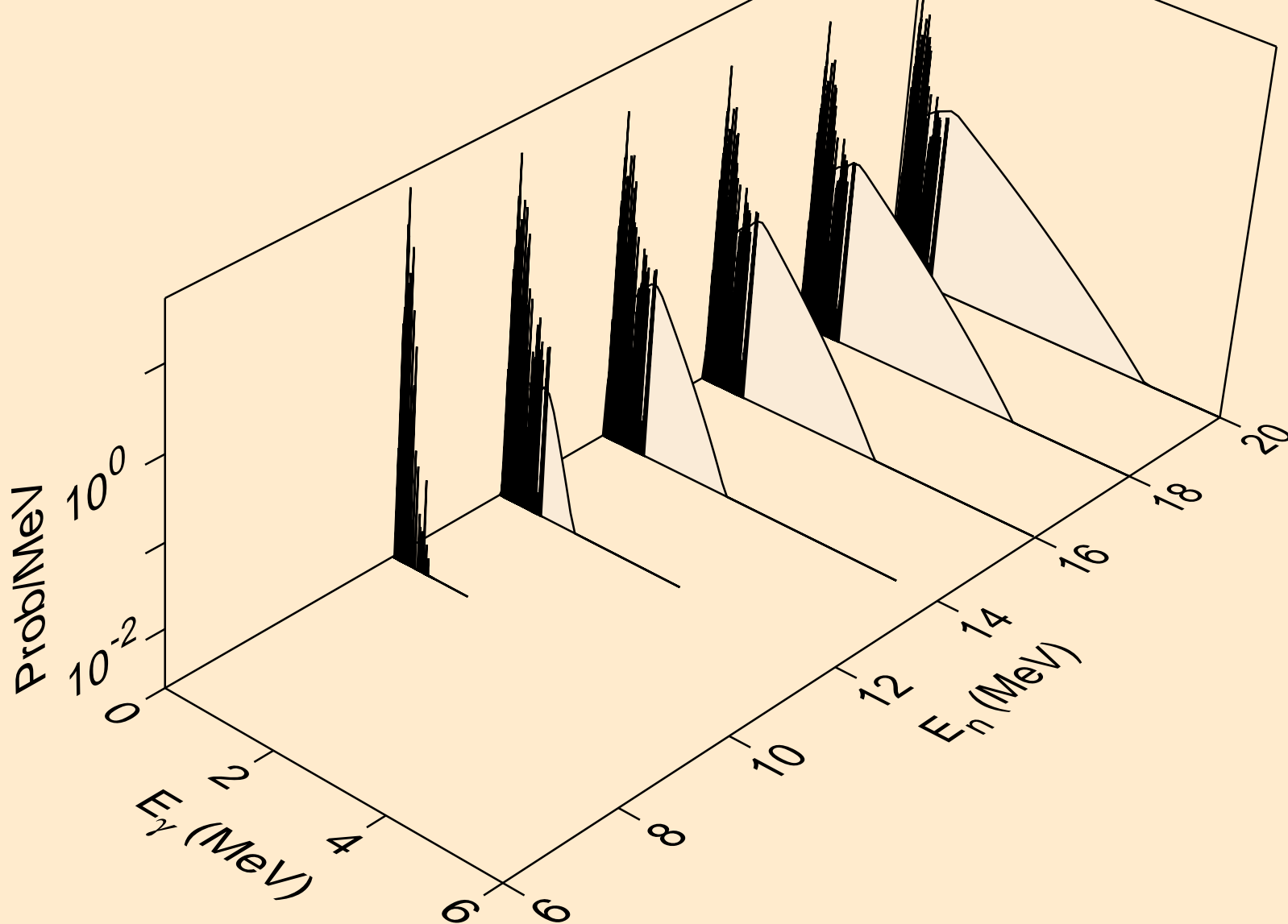
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*)a



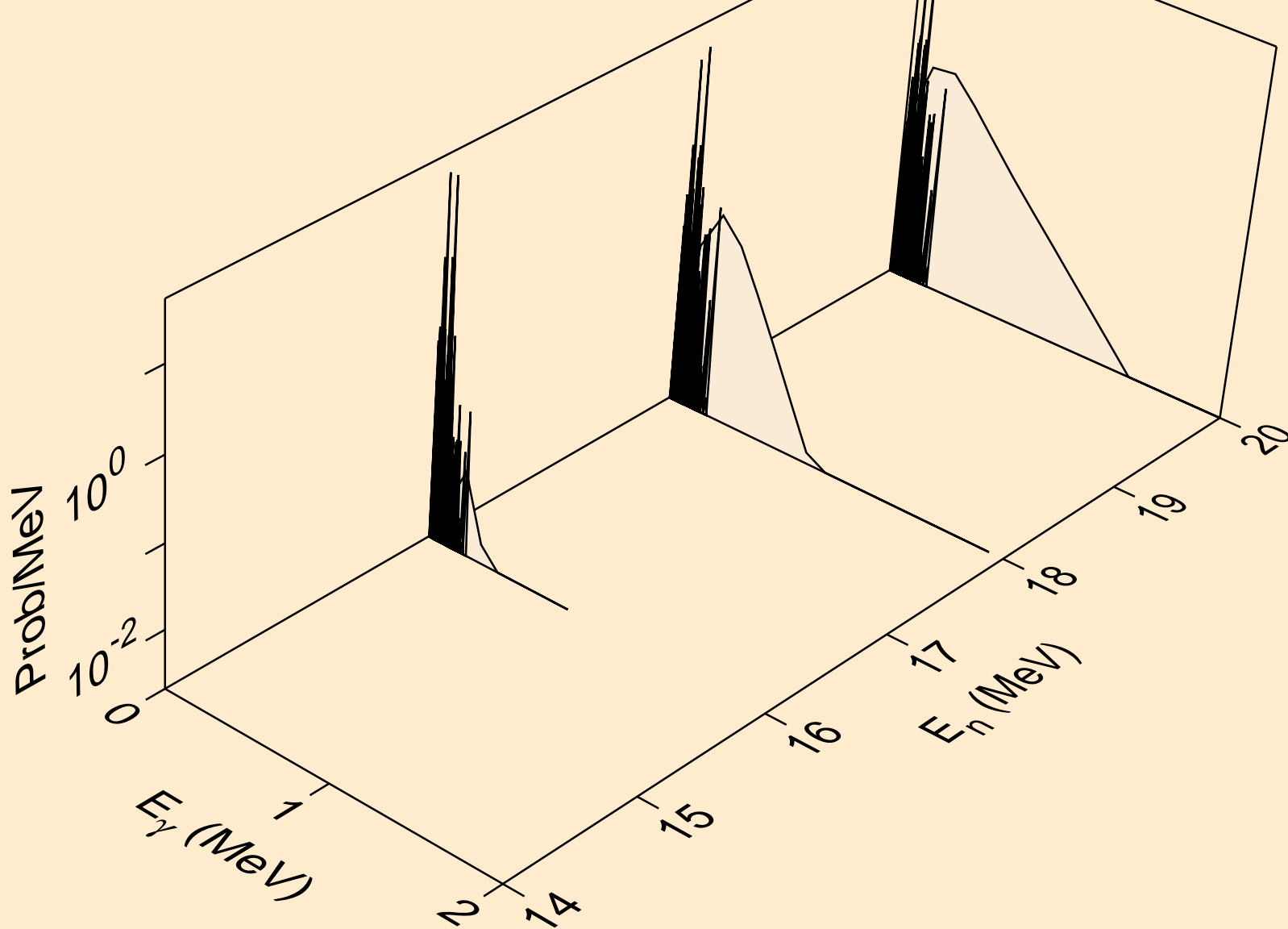
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,2n)a



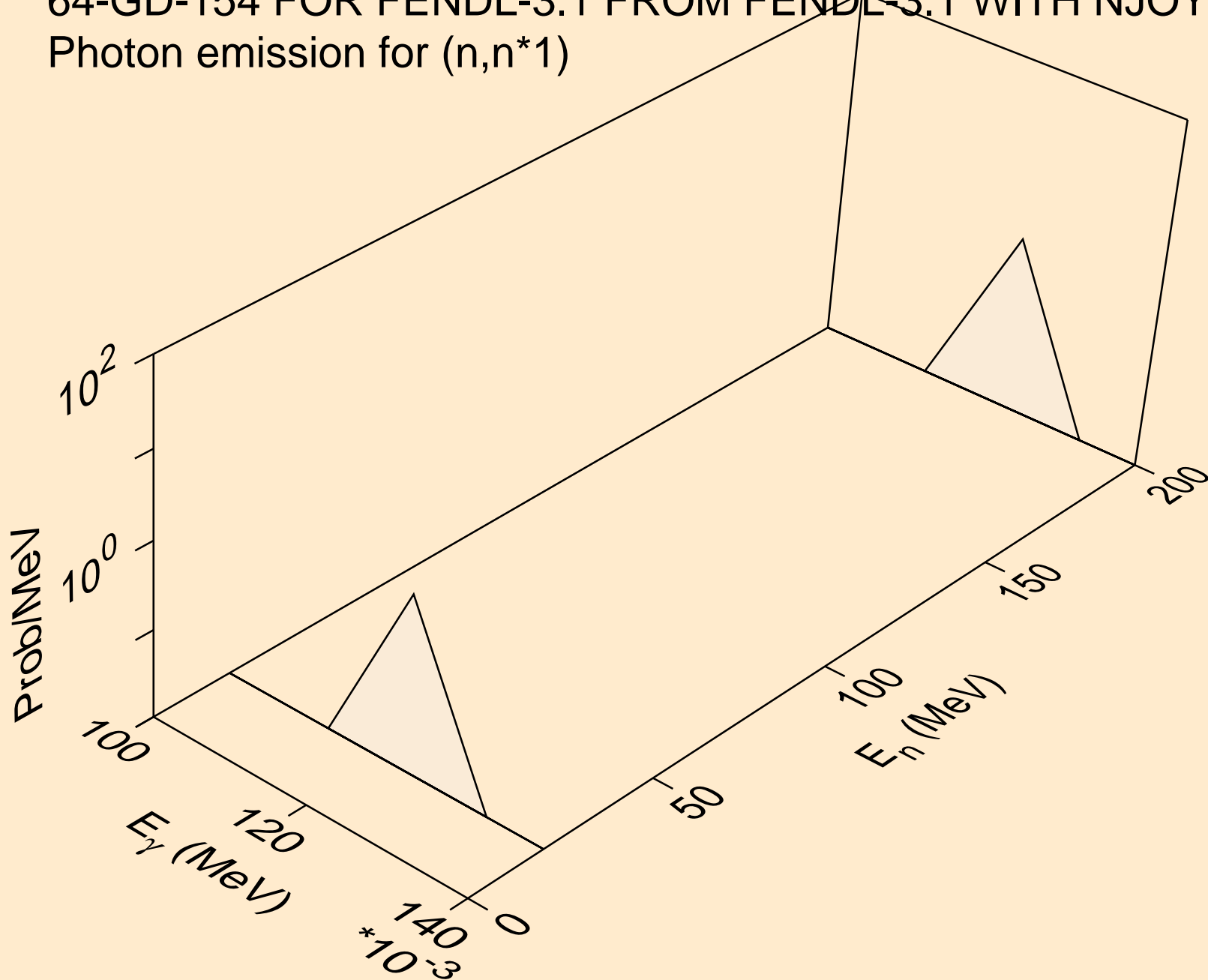
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*)p



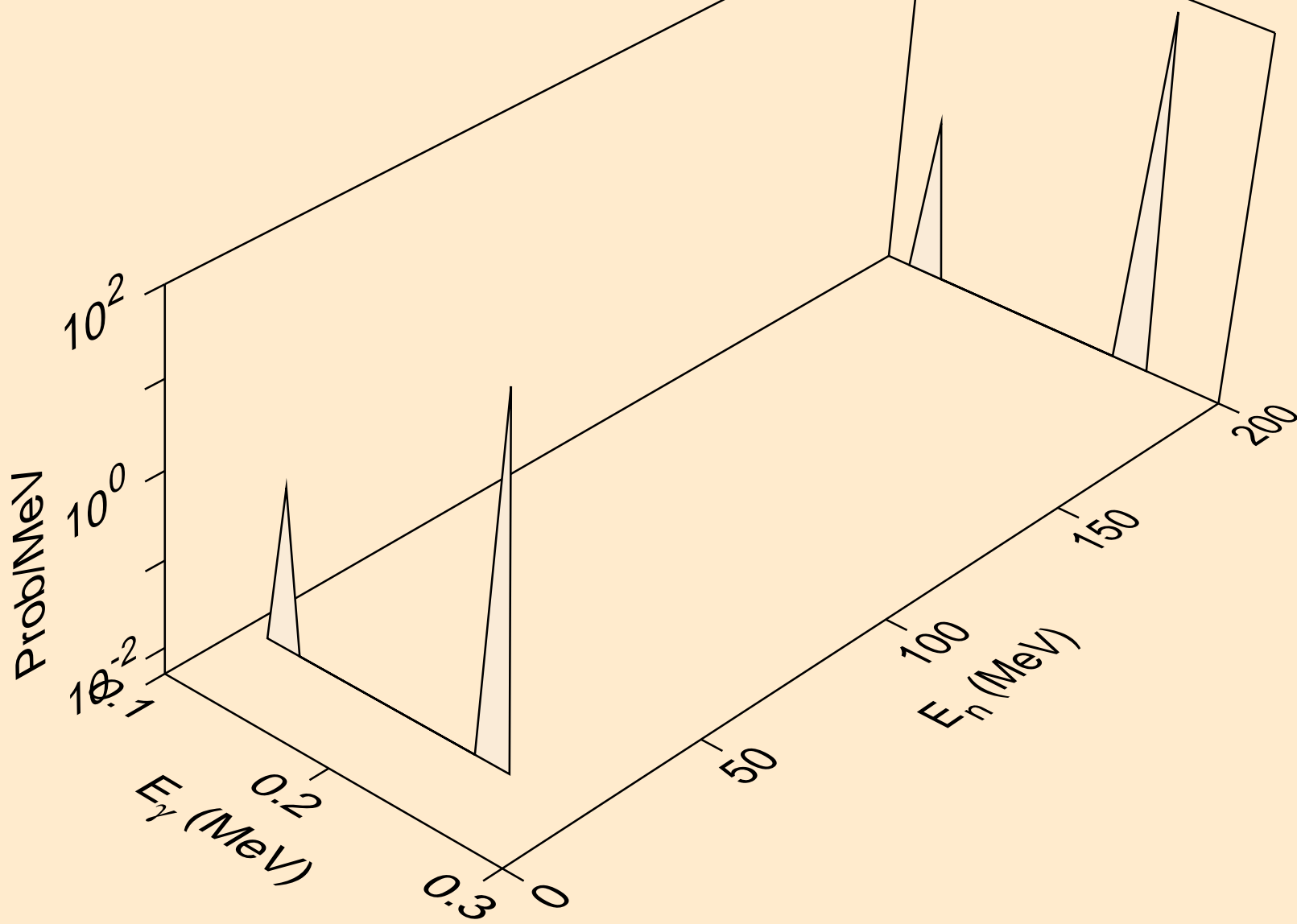
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*)d



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*1)

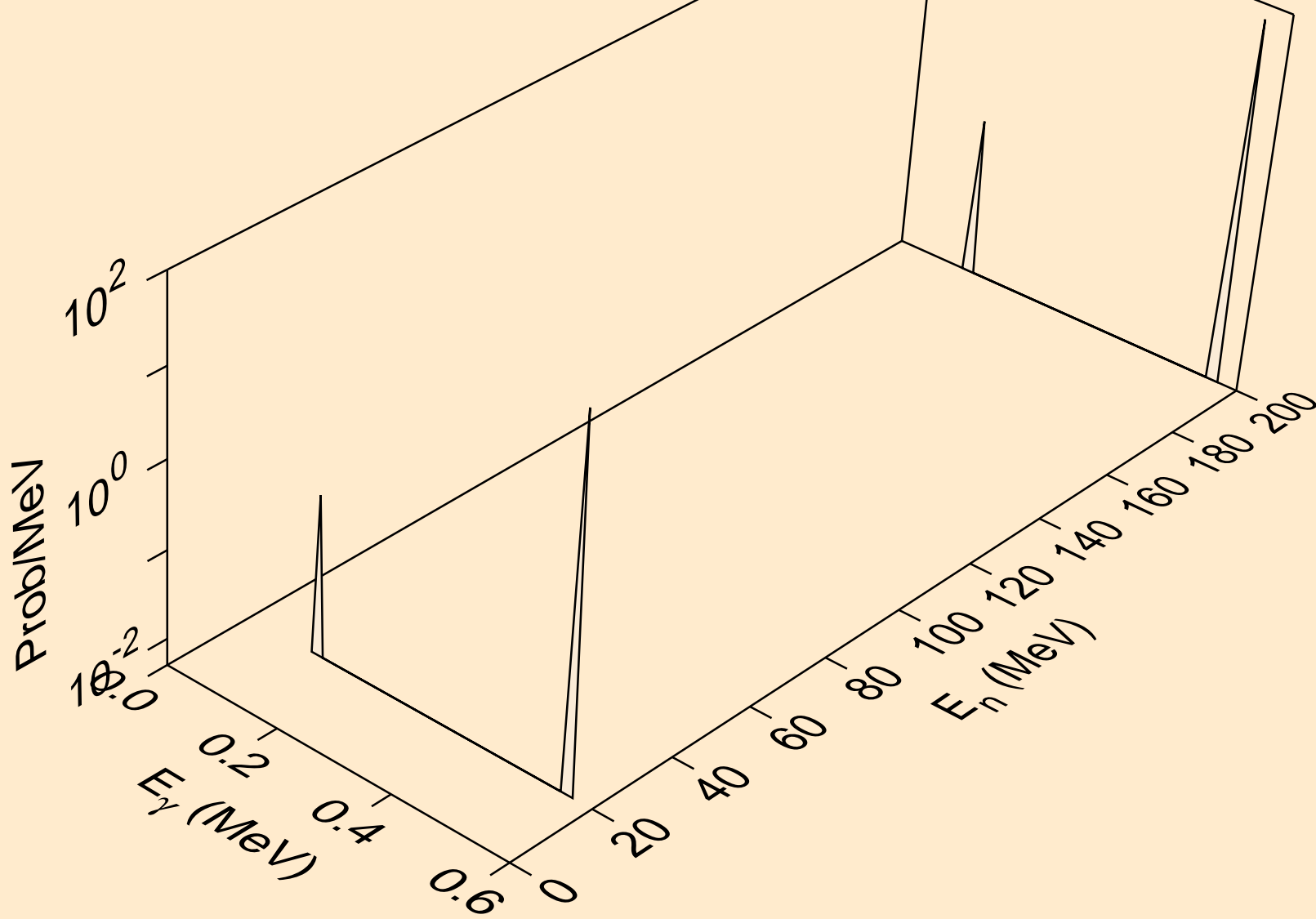


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*2)

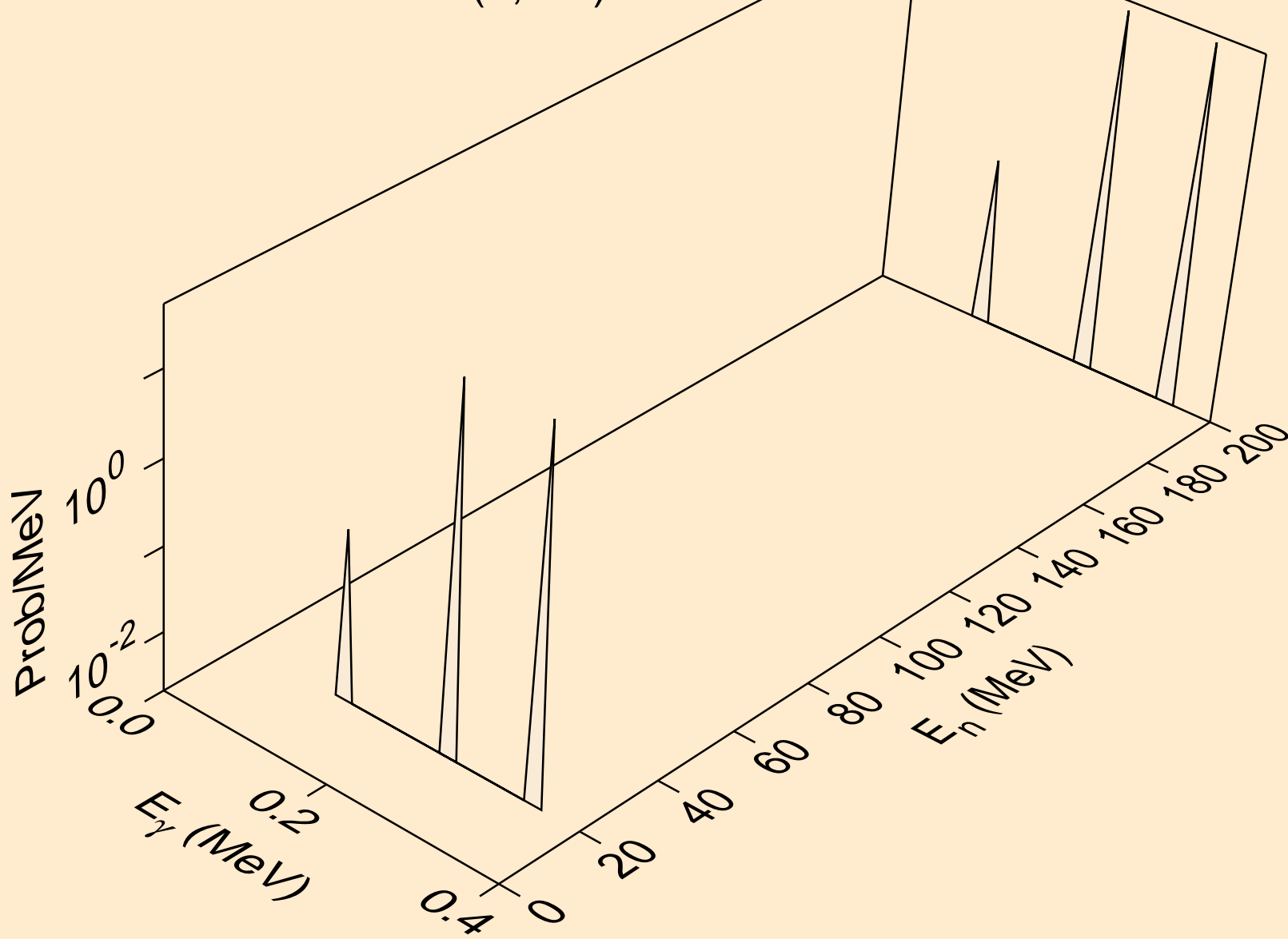




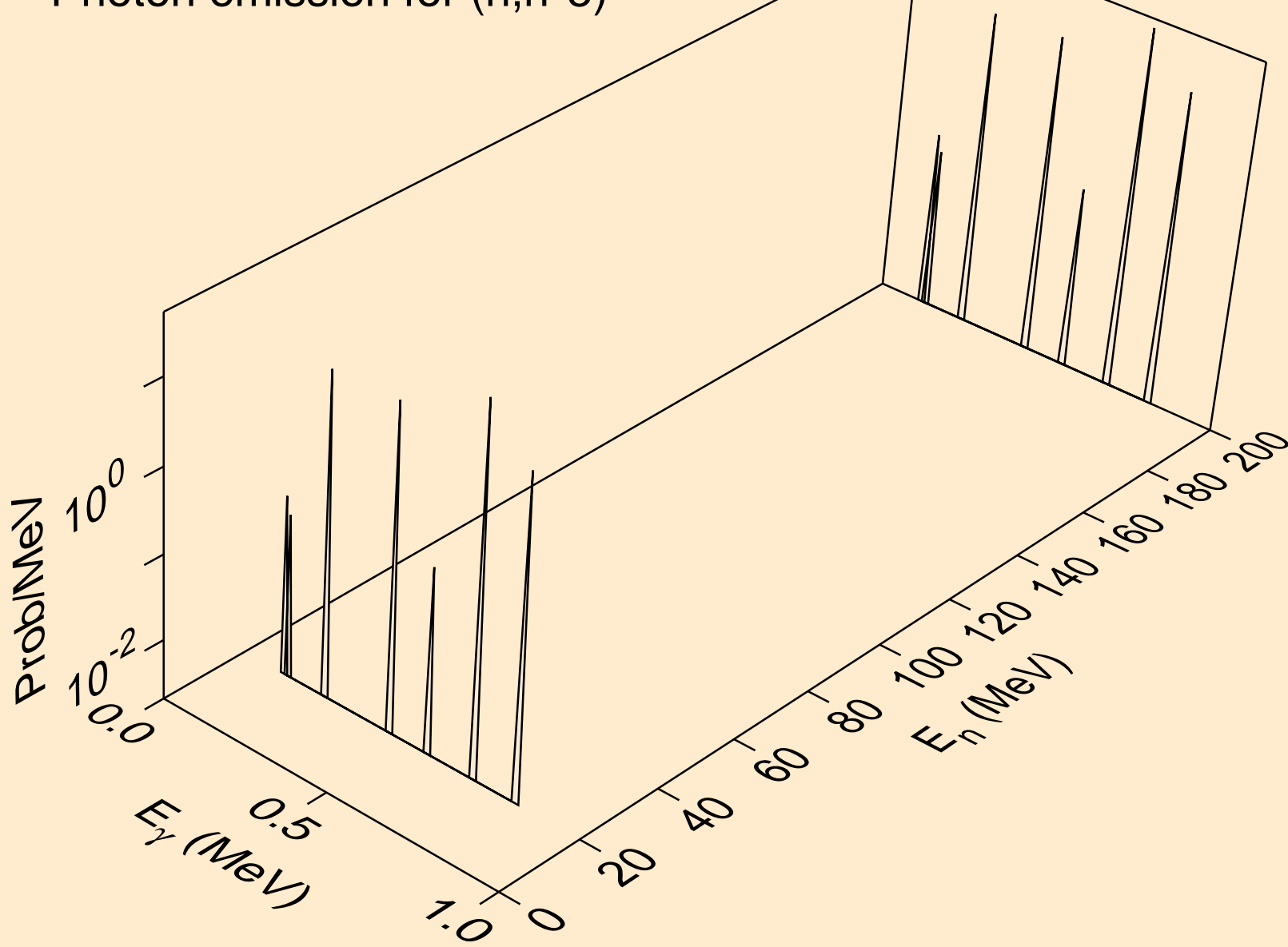
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*3)



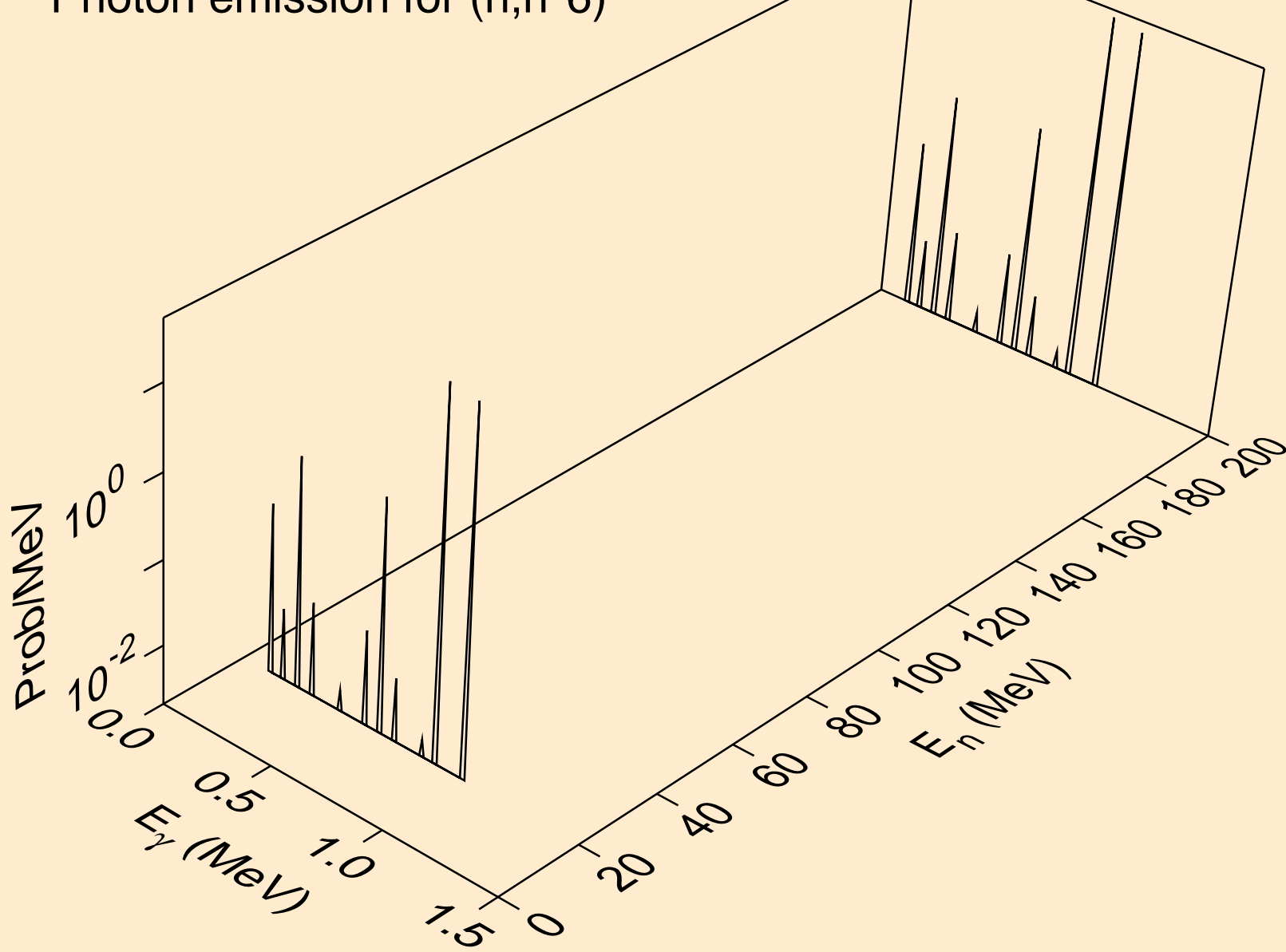
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*4)



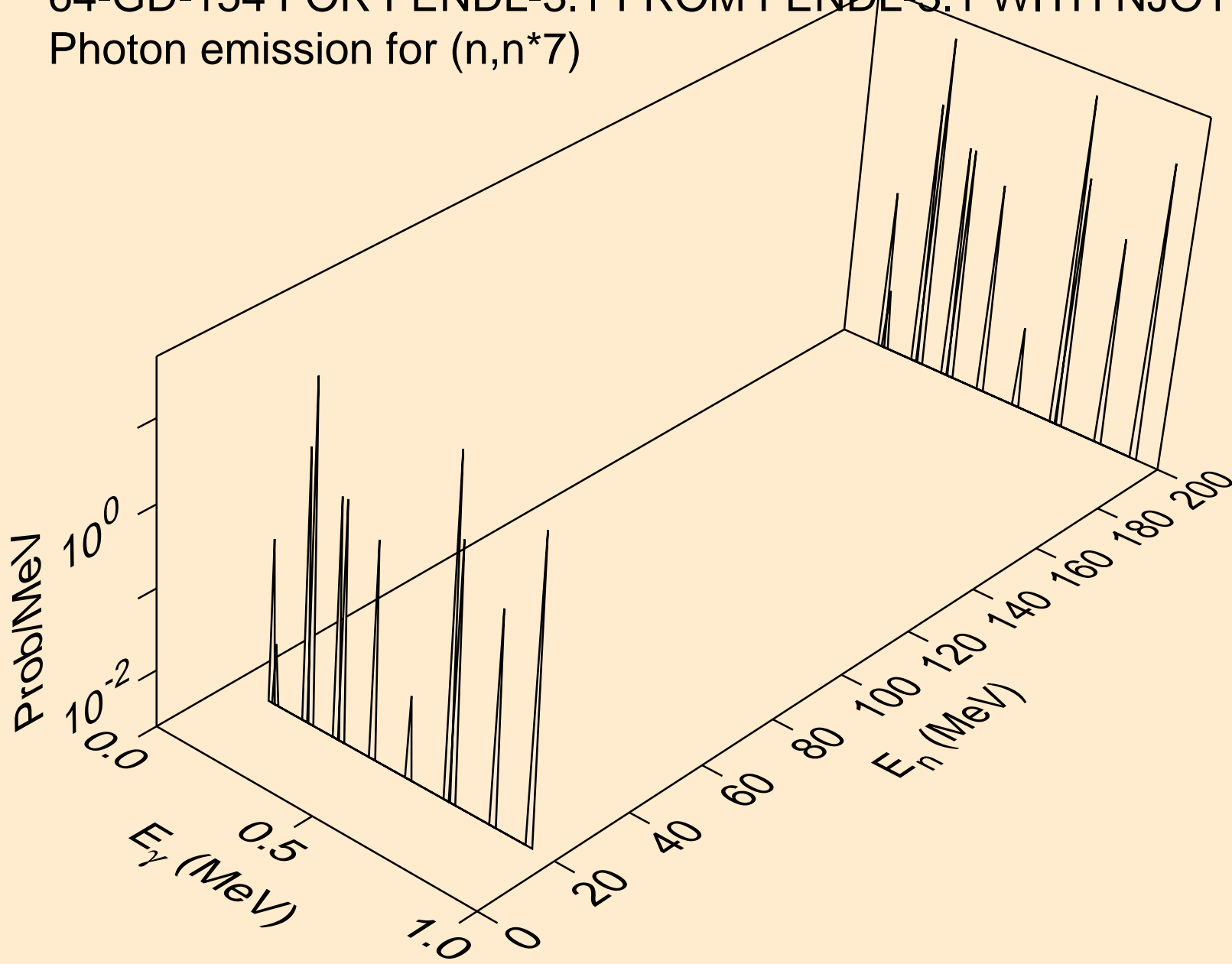
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*5)



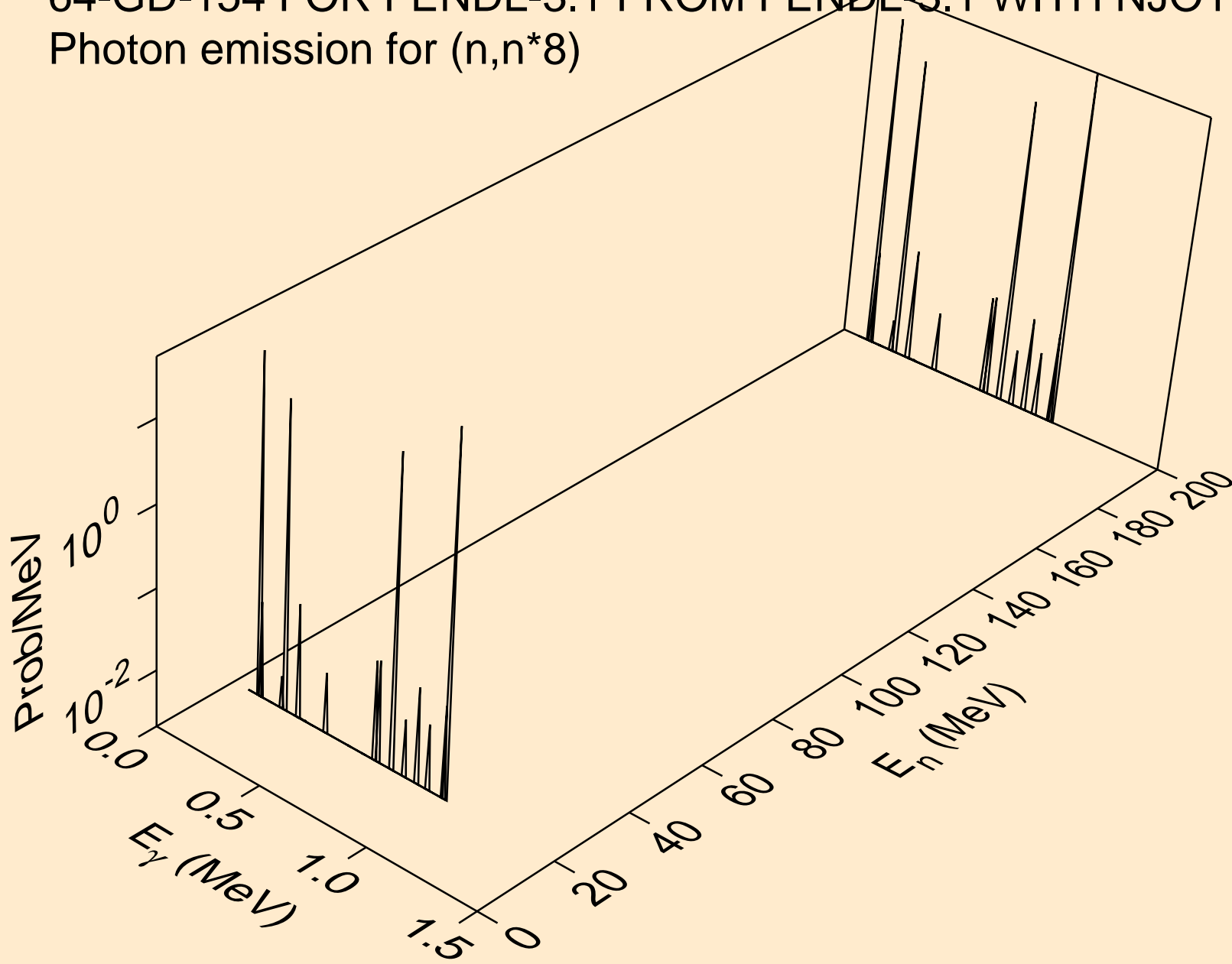
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*6)



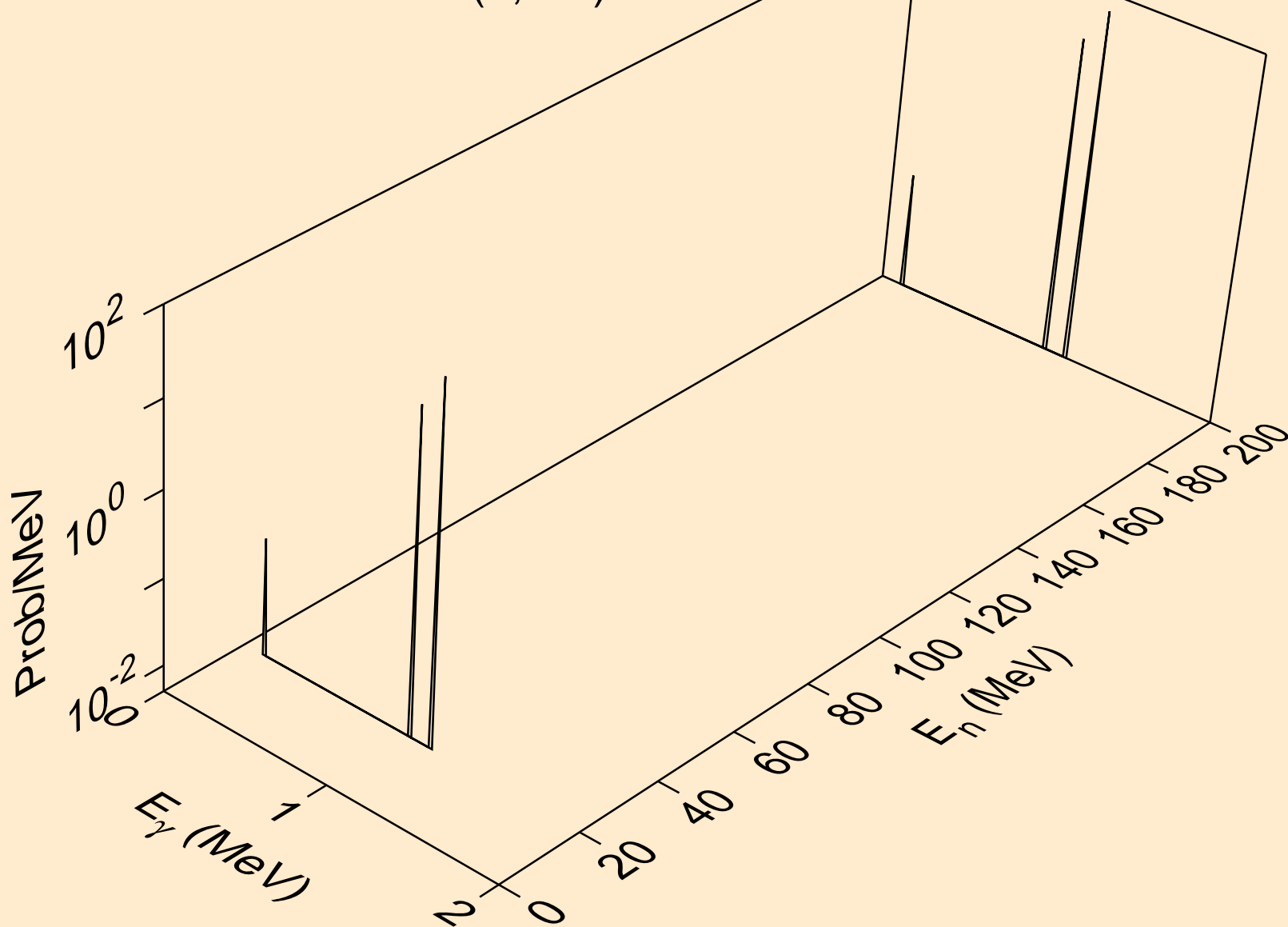
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*7)



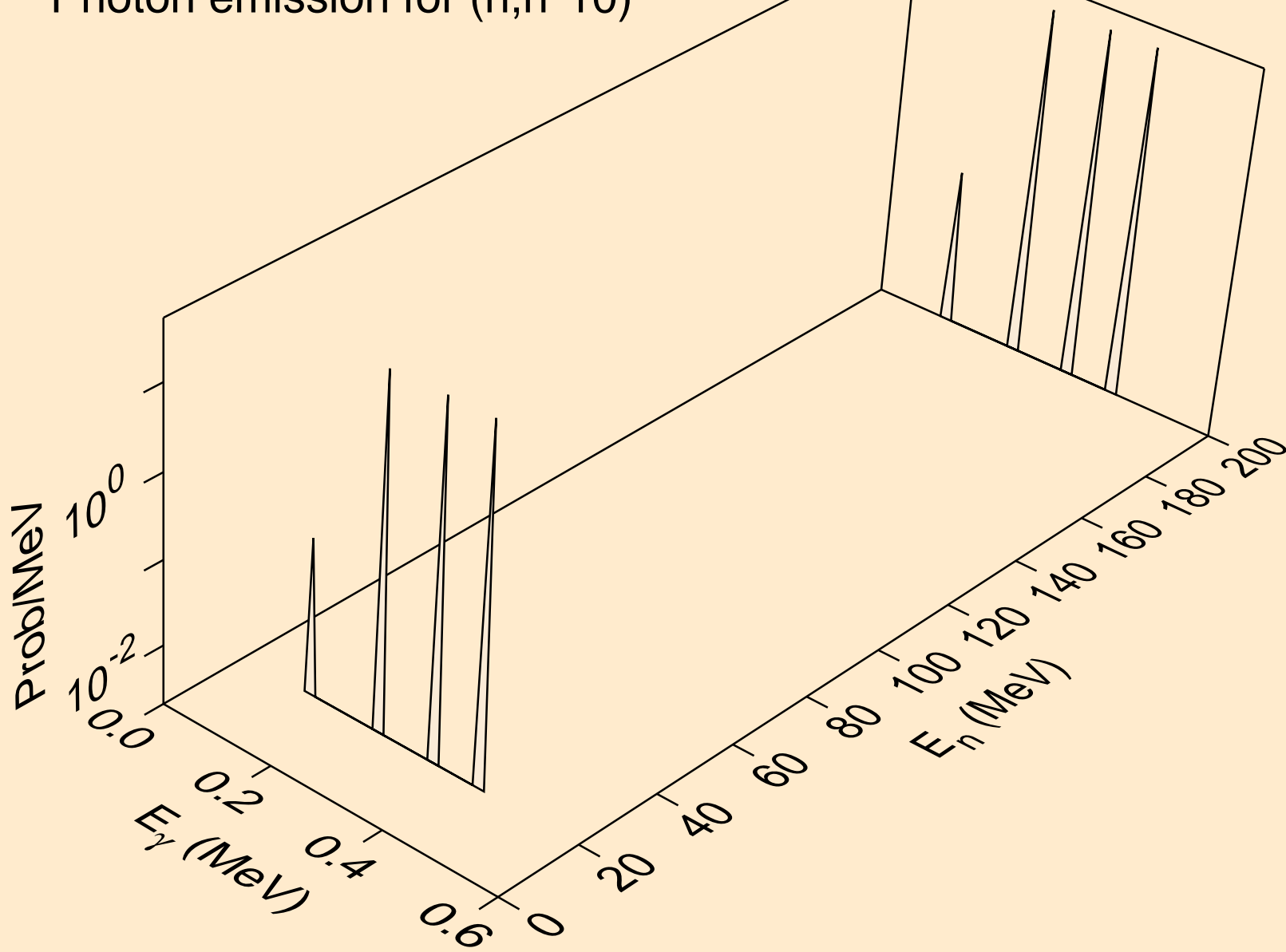
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*8)



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*9)

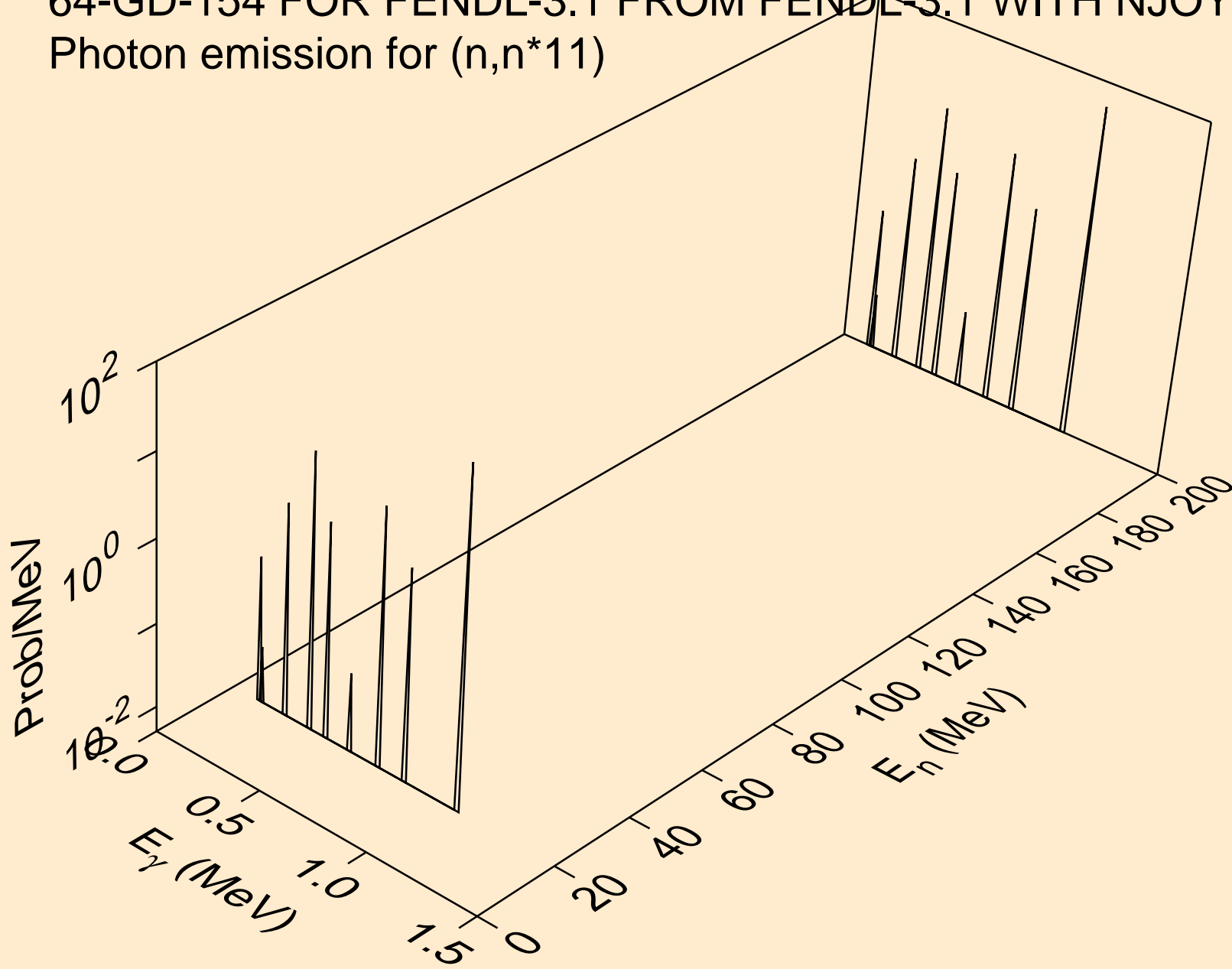


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*10)

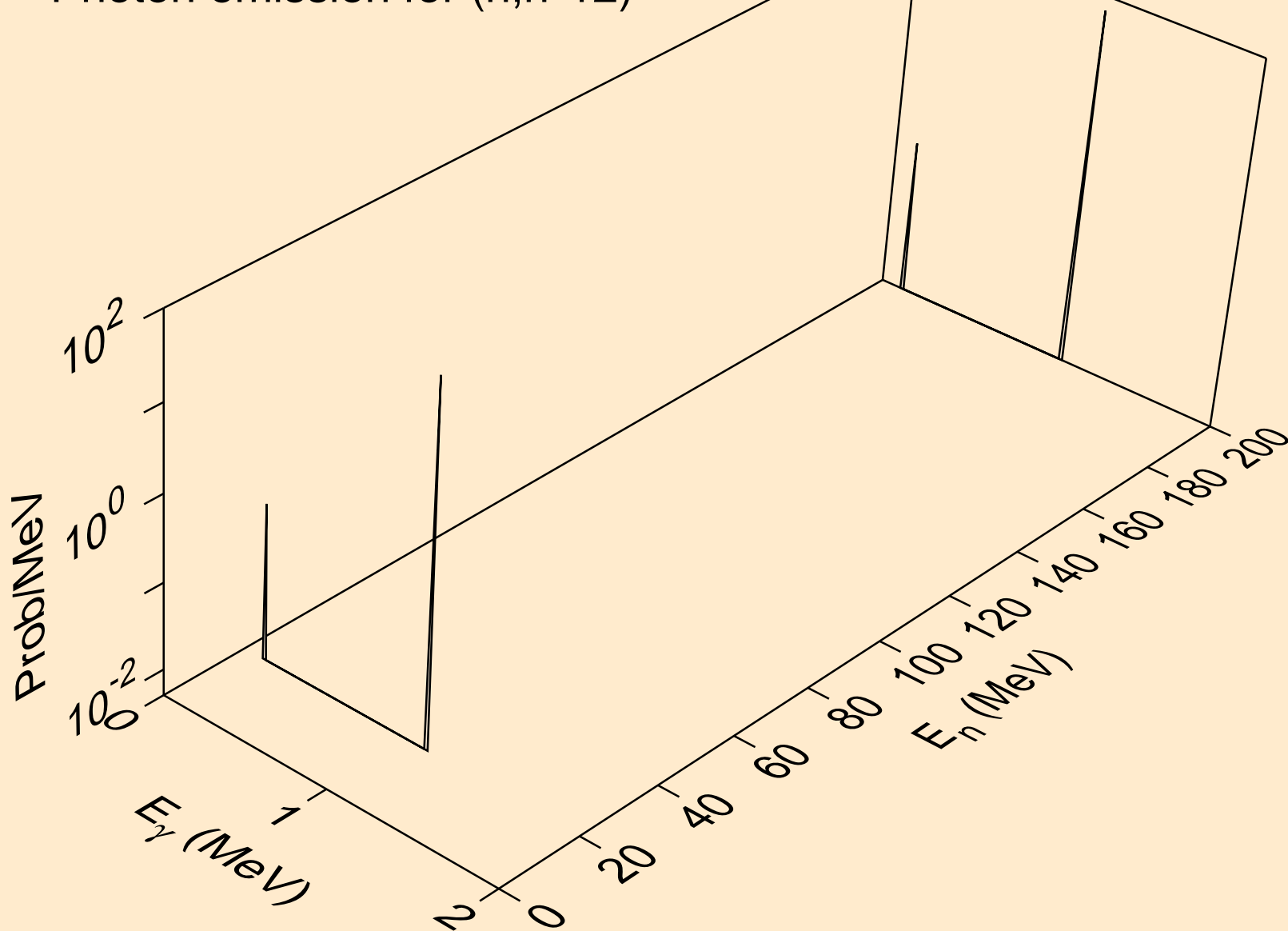




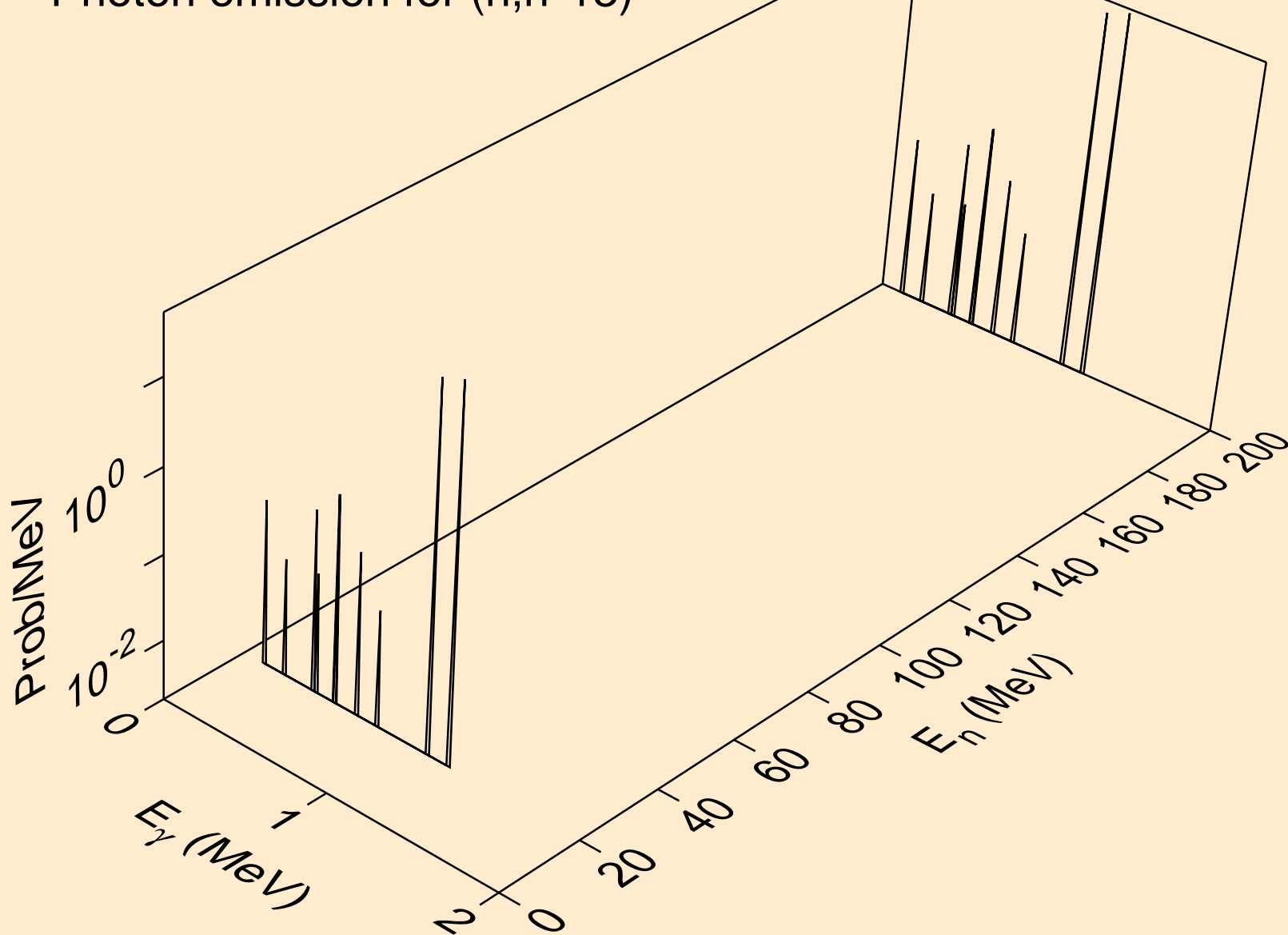
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*11)



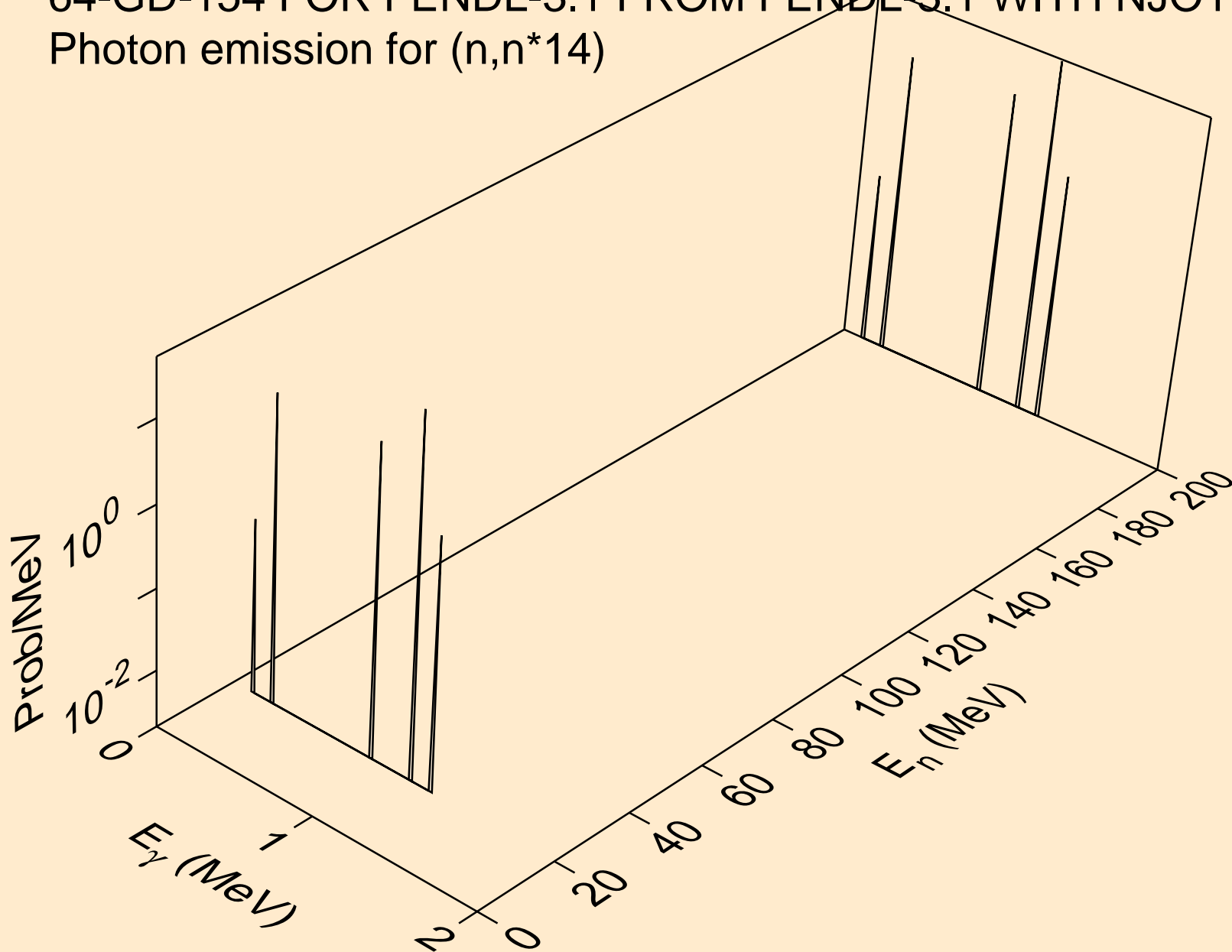
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*12)



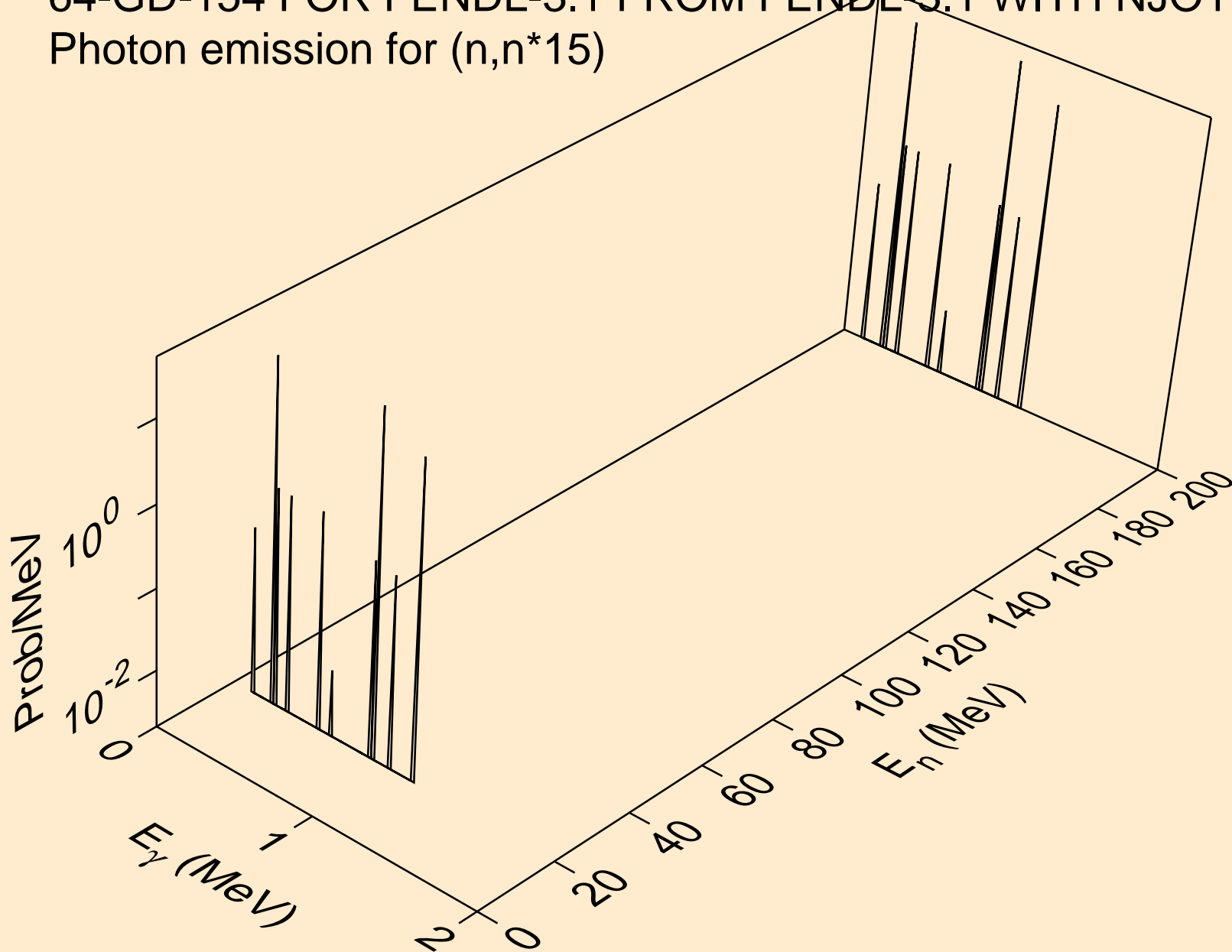
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*13)



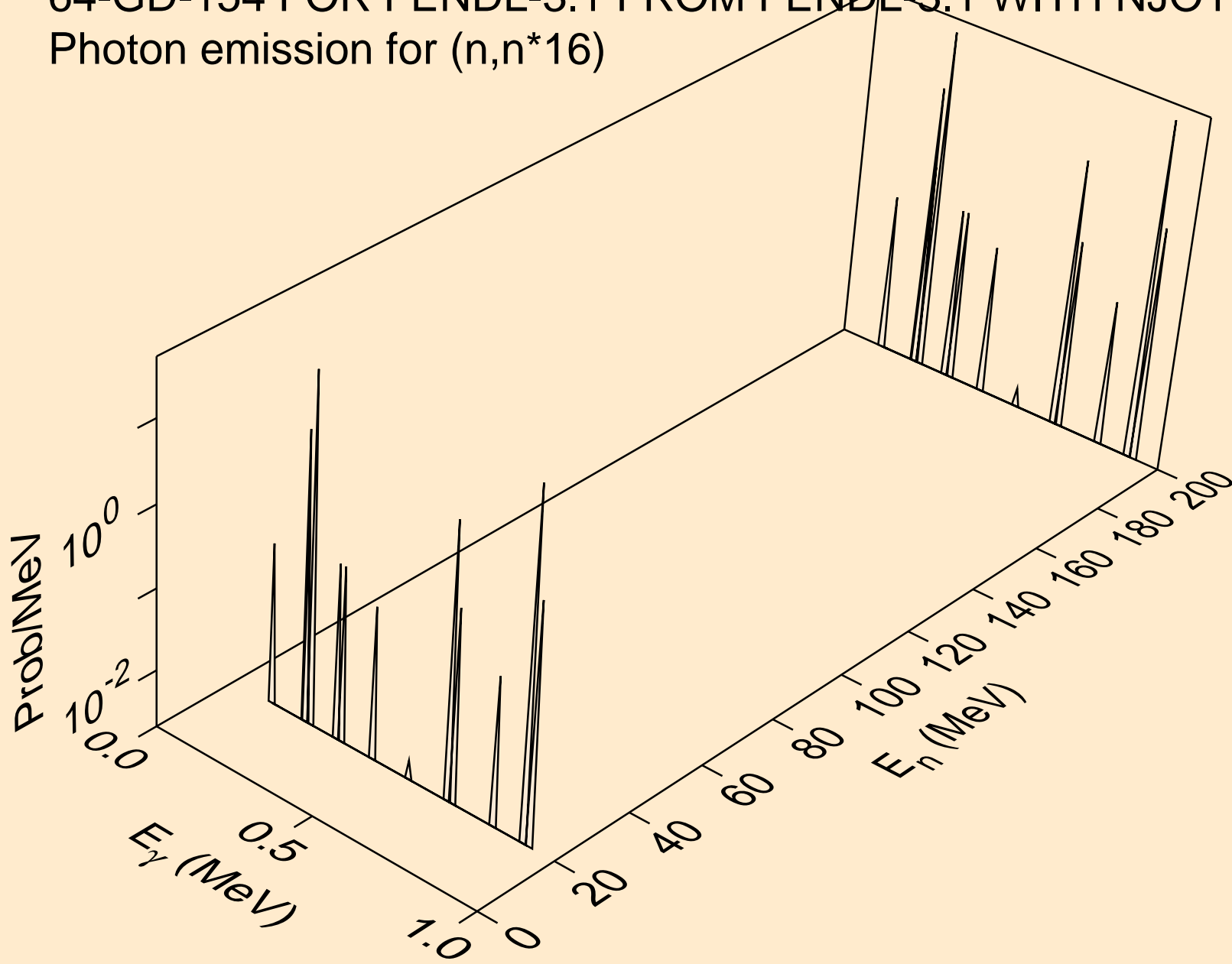
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*14)



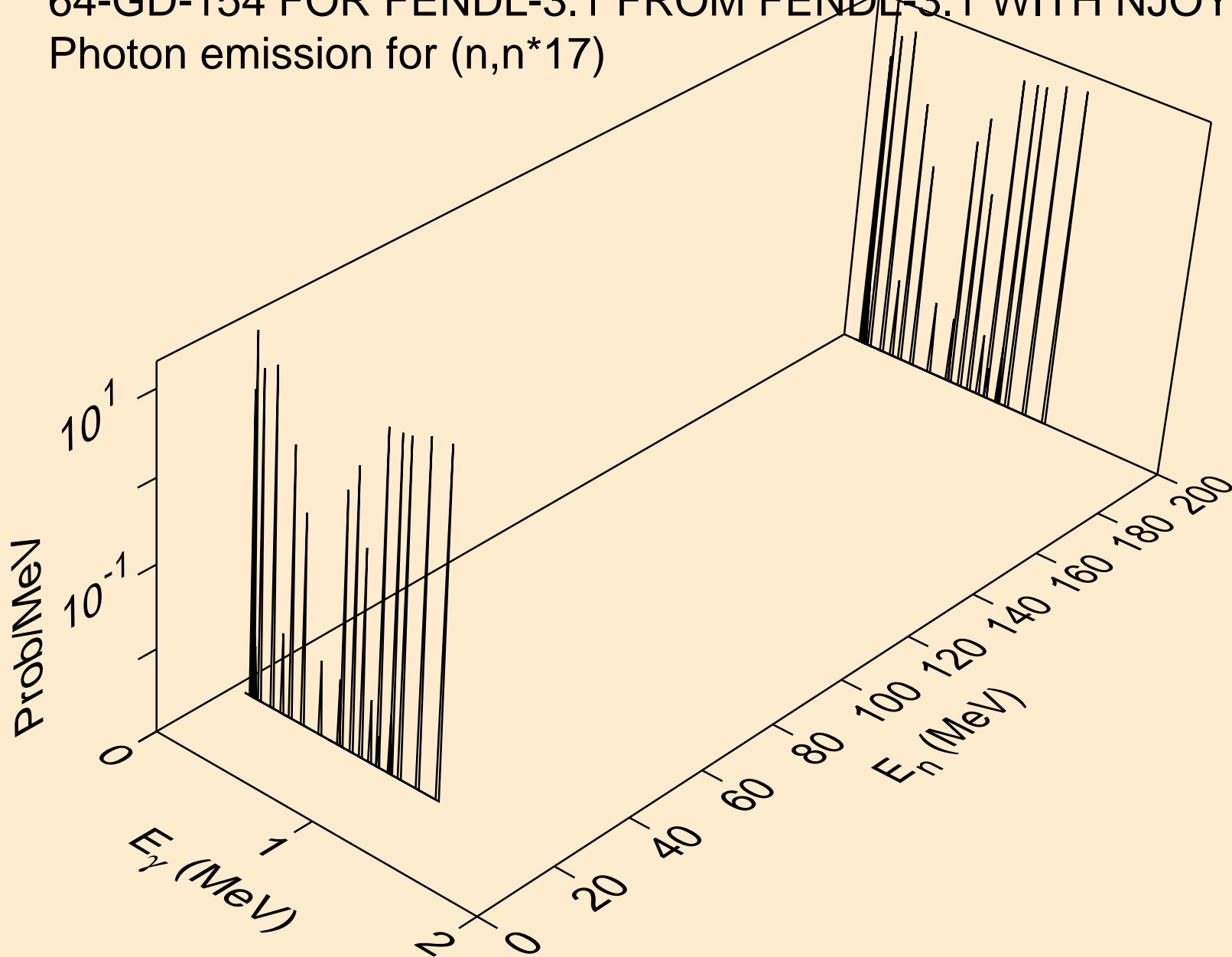
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*15)



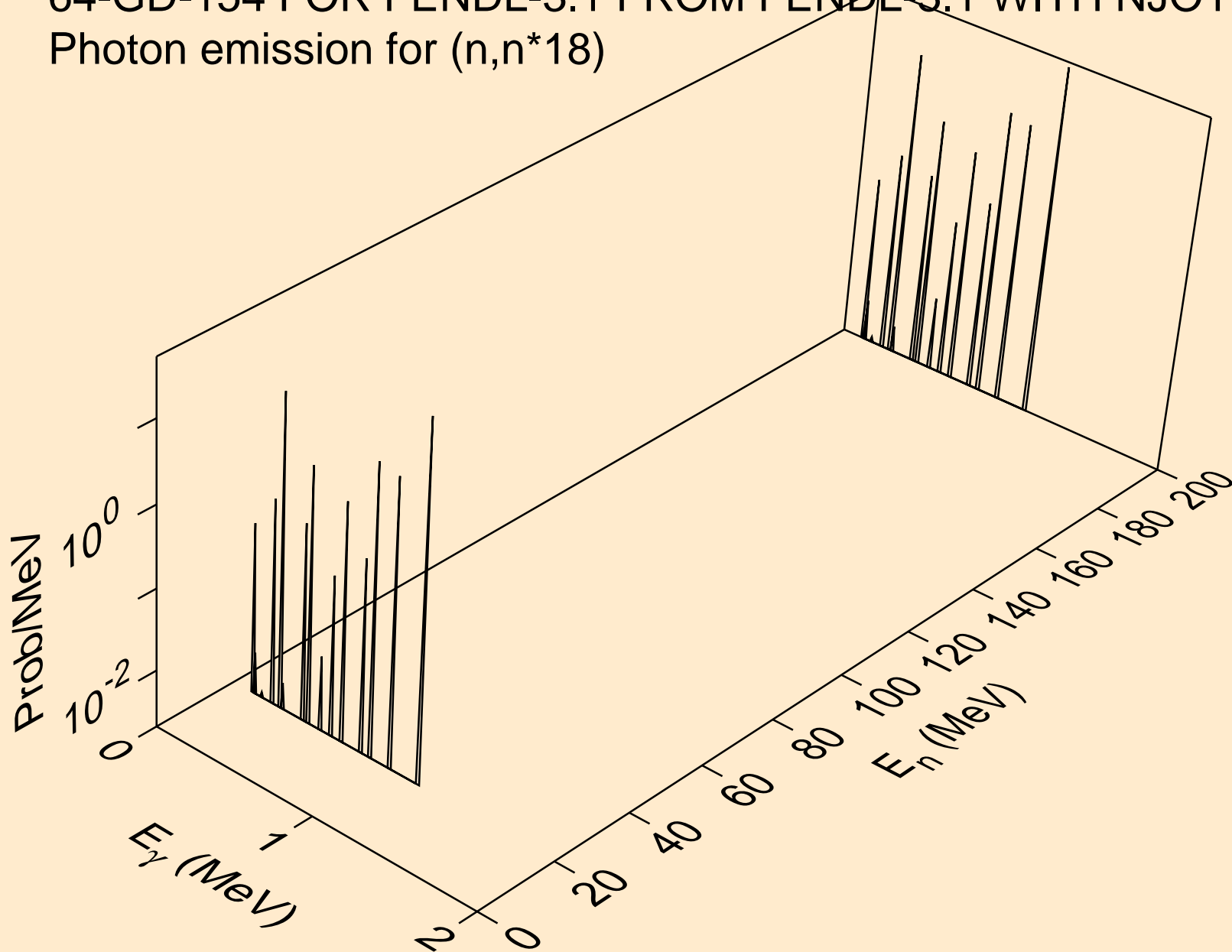
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*16)



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*17)

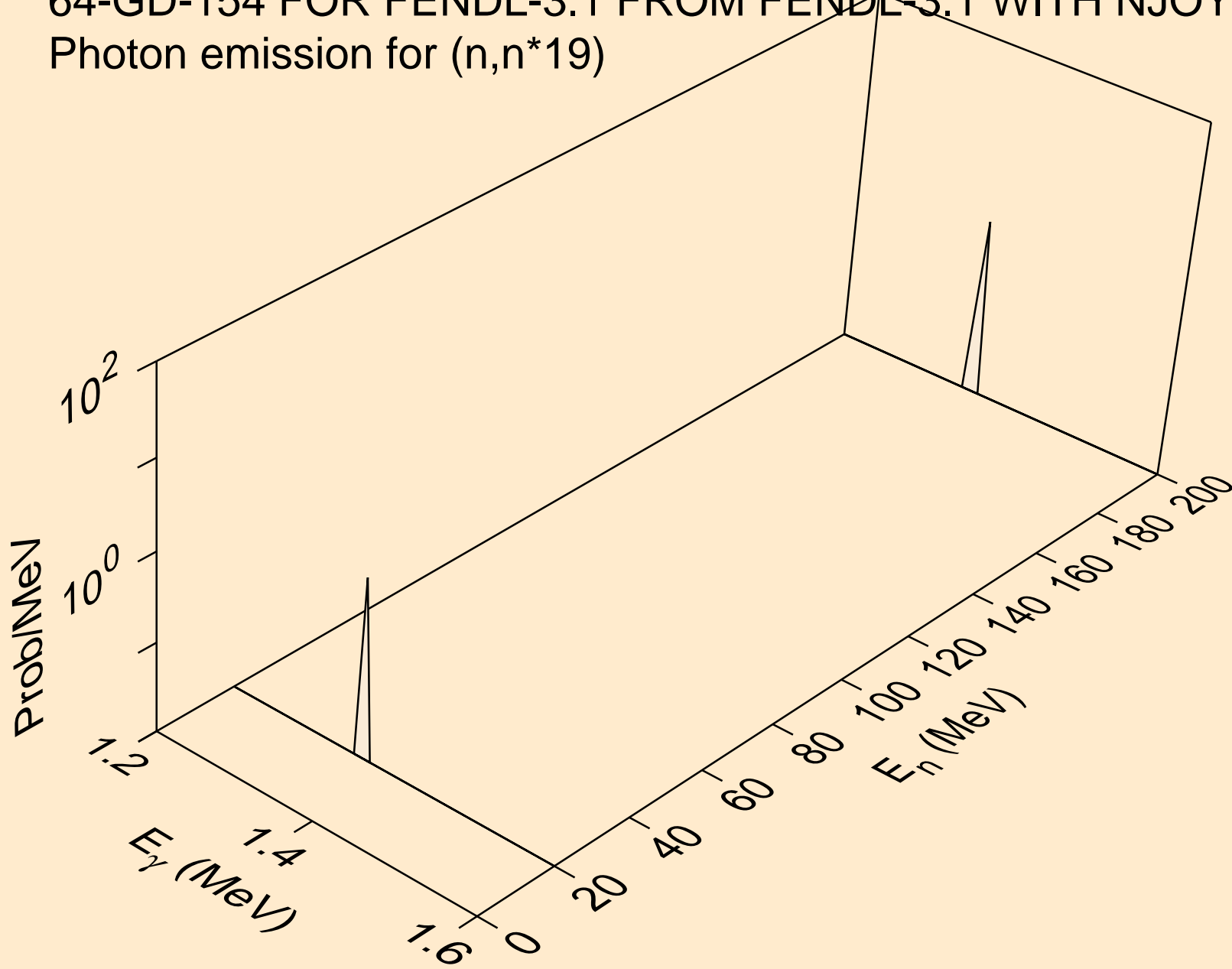


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*18)

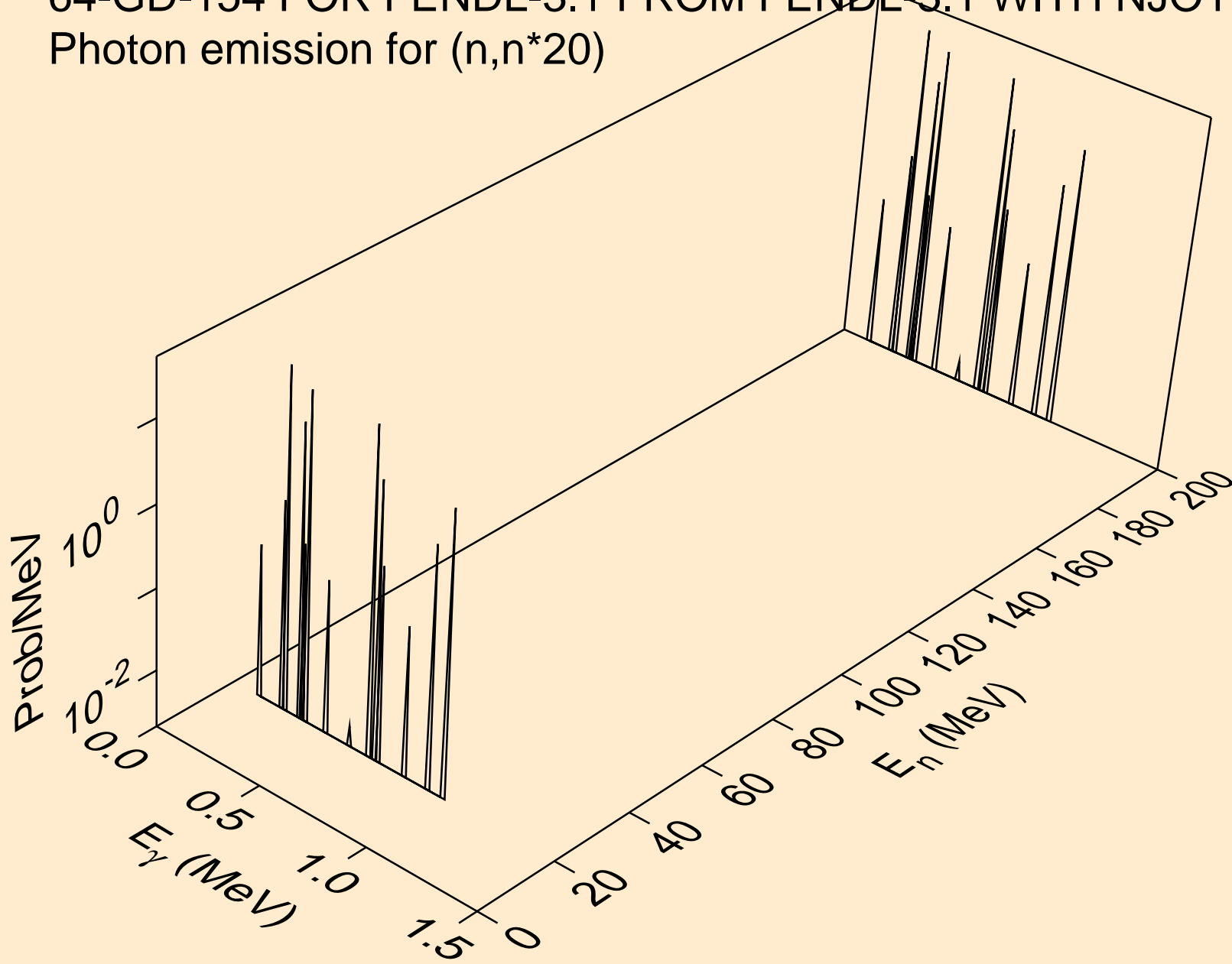




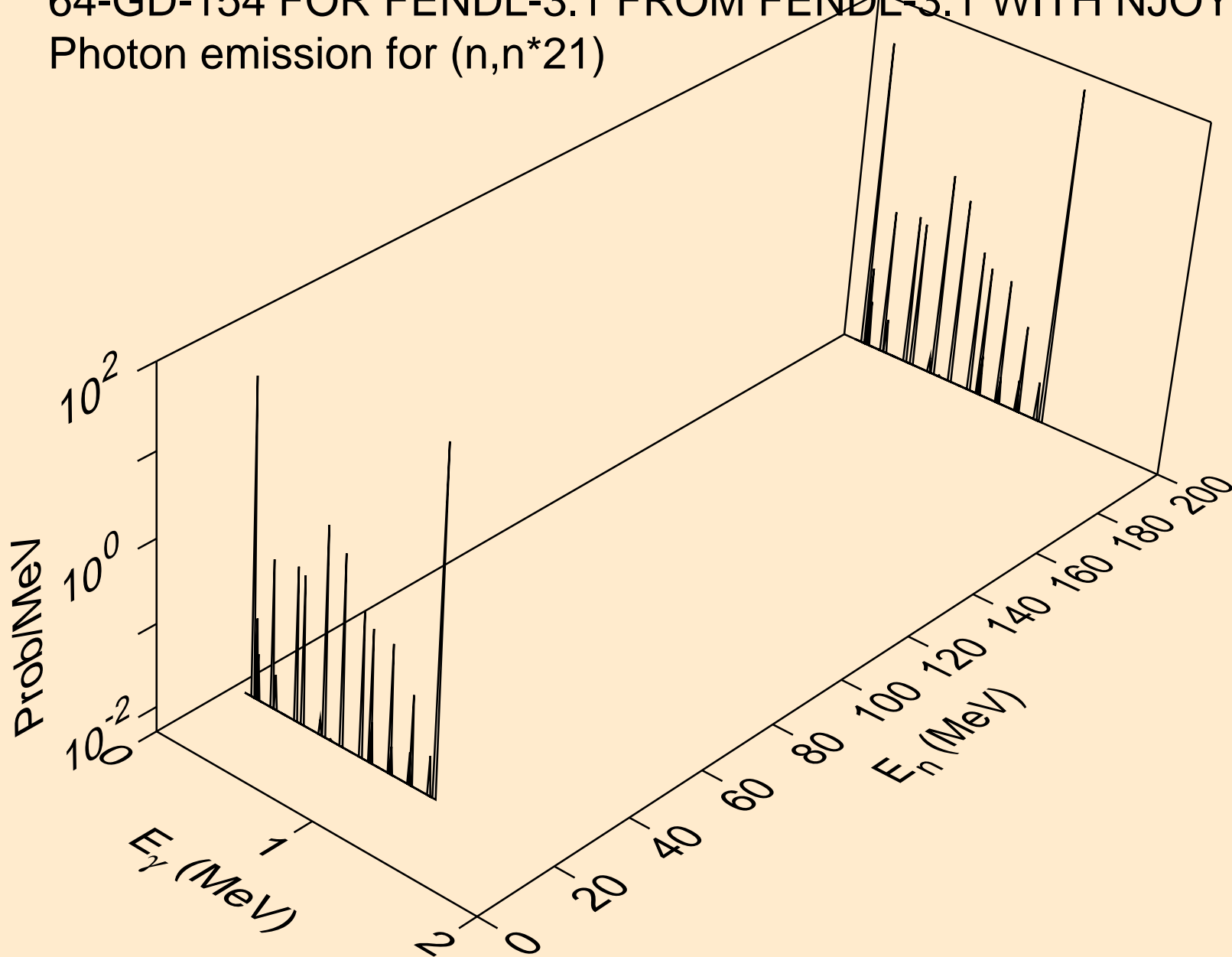
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*19)



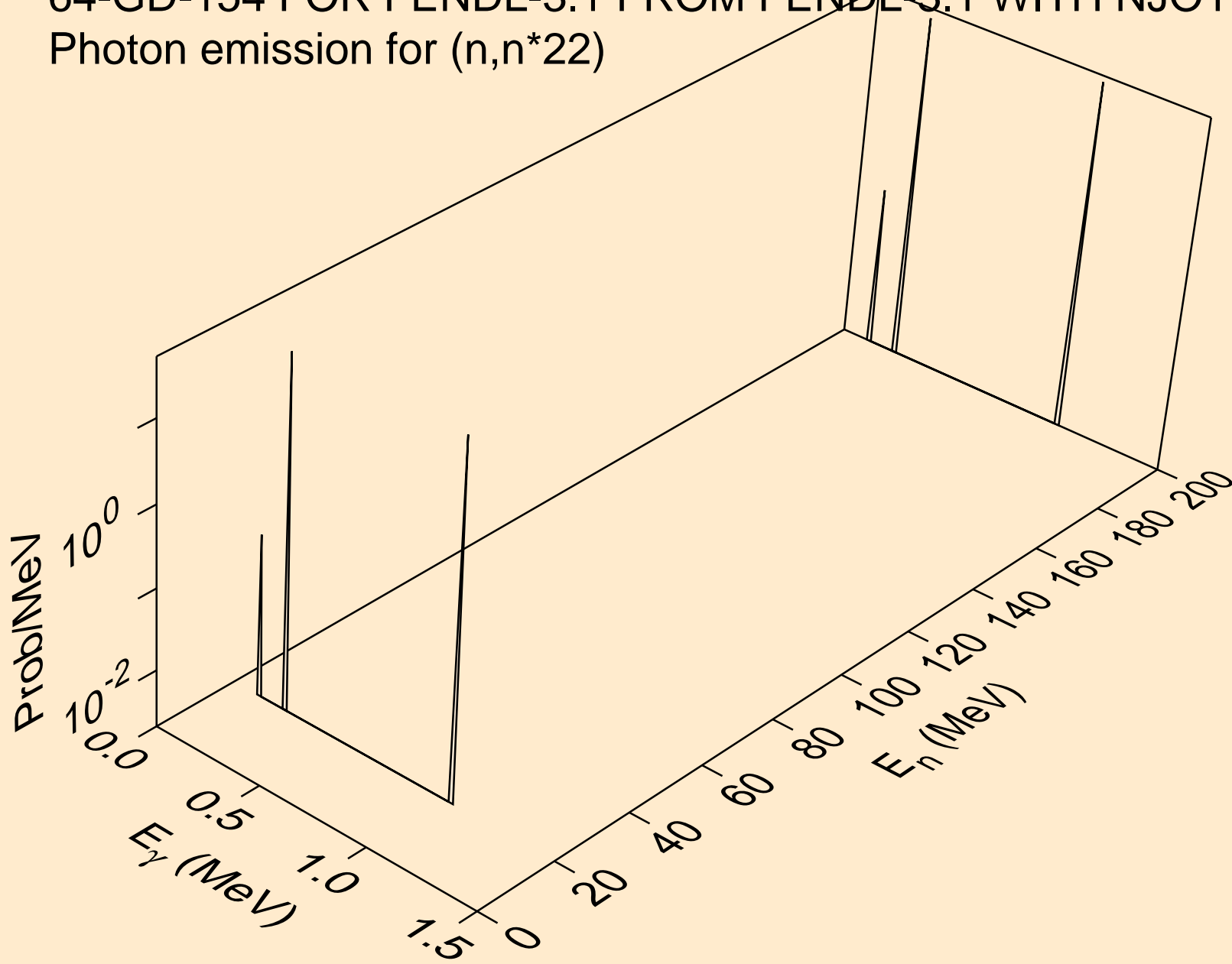
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*20)



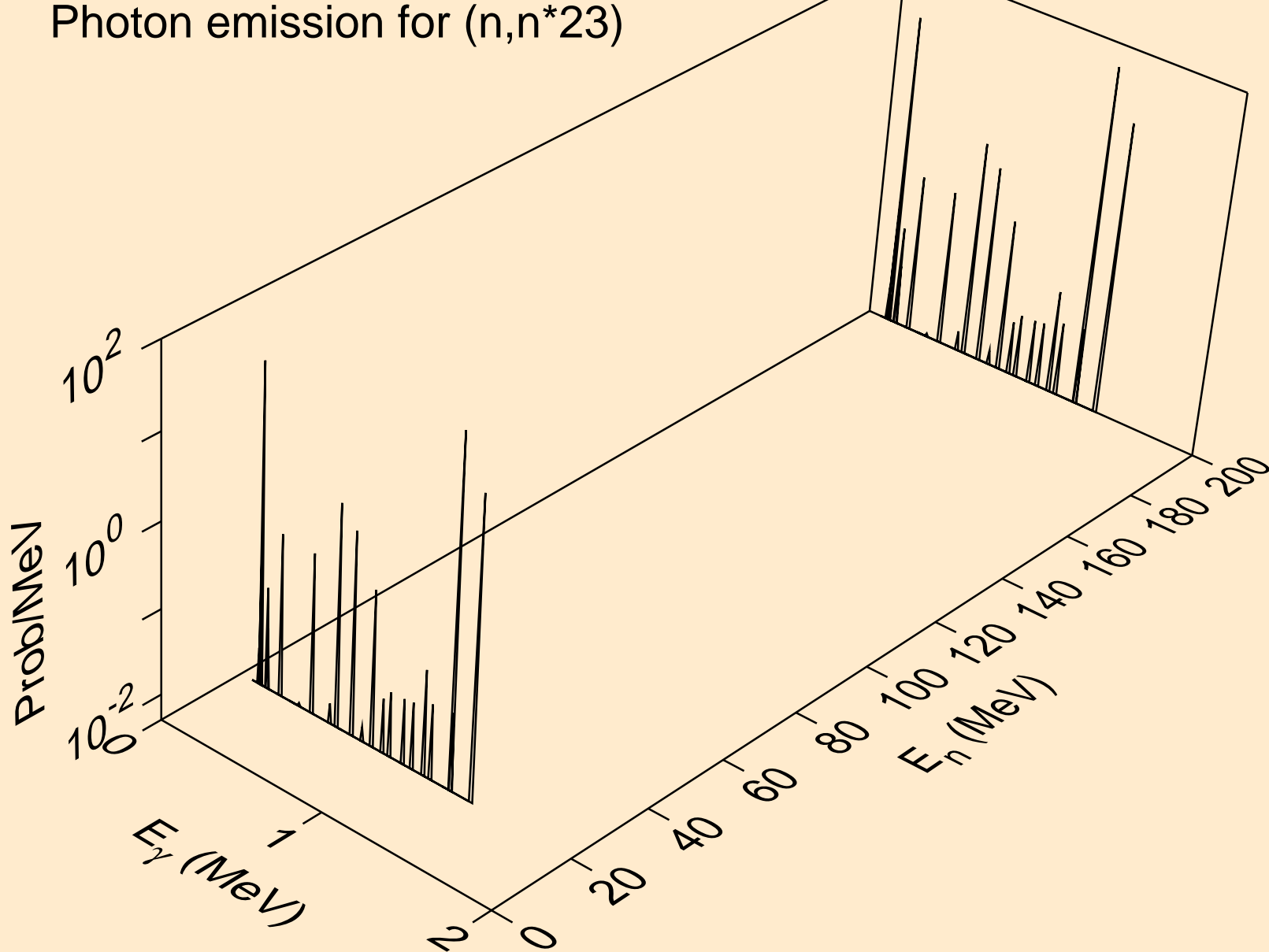
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*21)



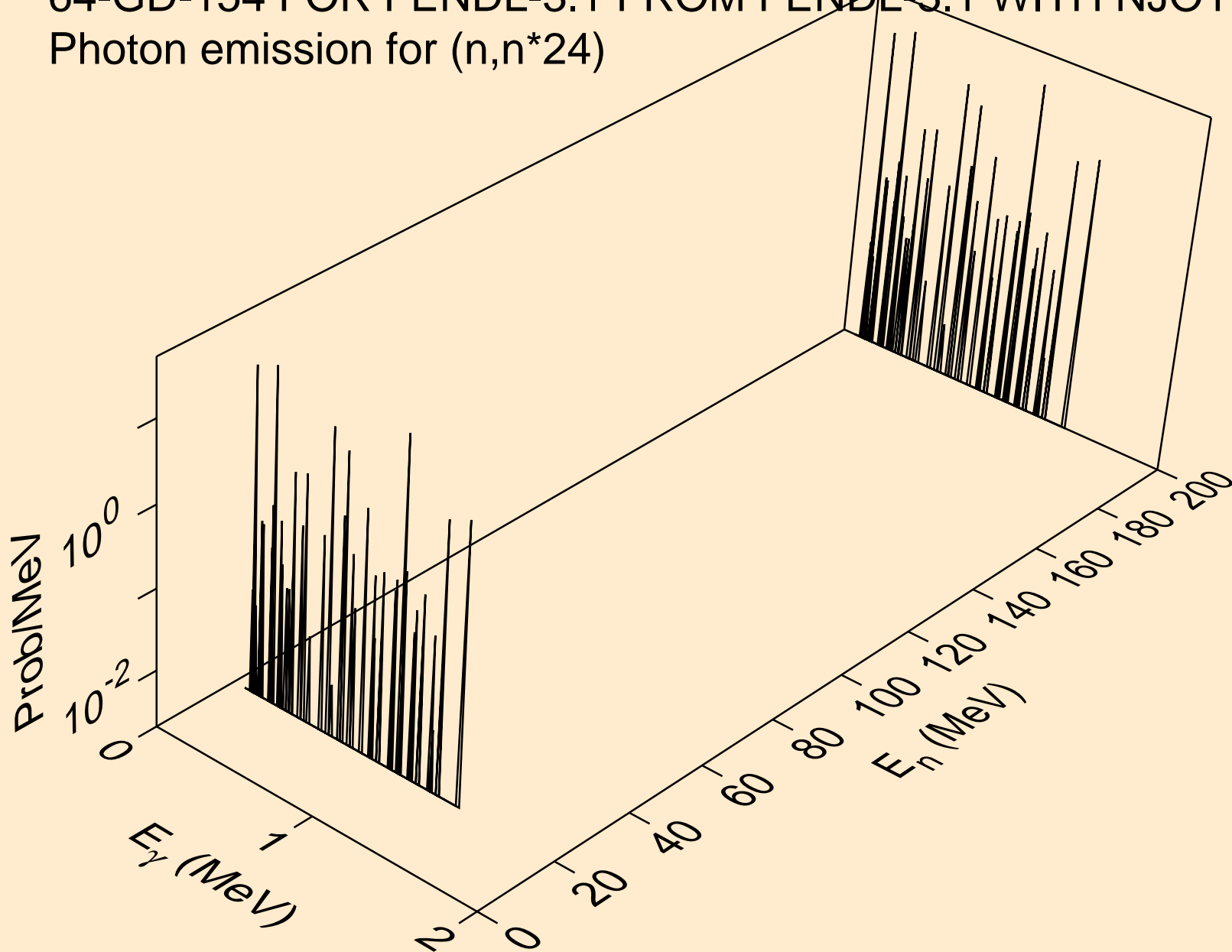
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*22)



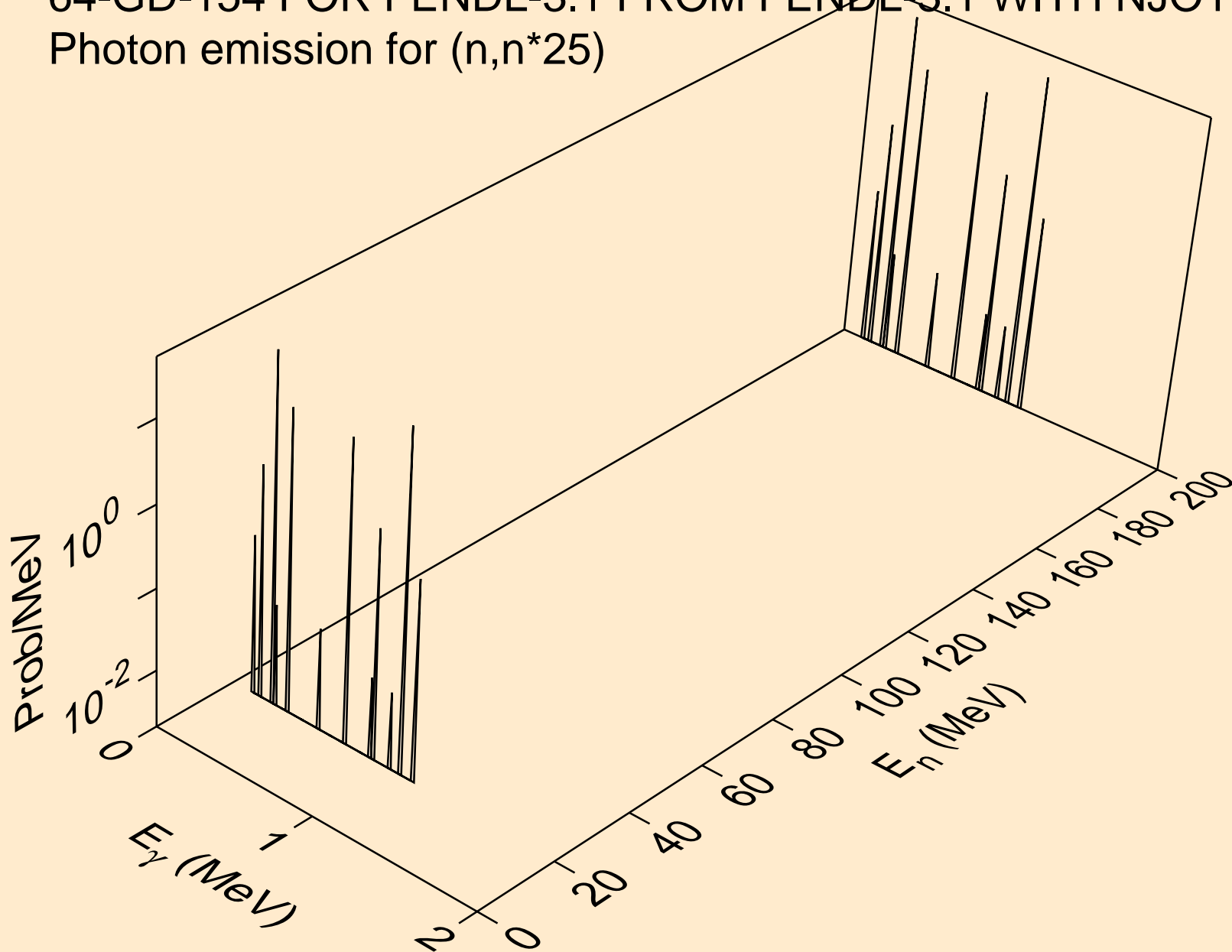
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*23)



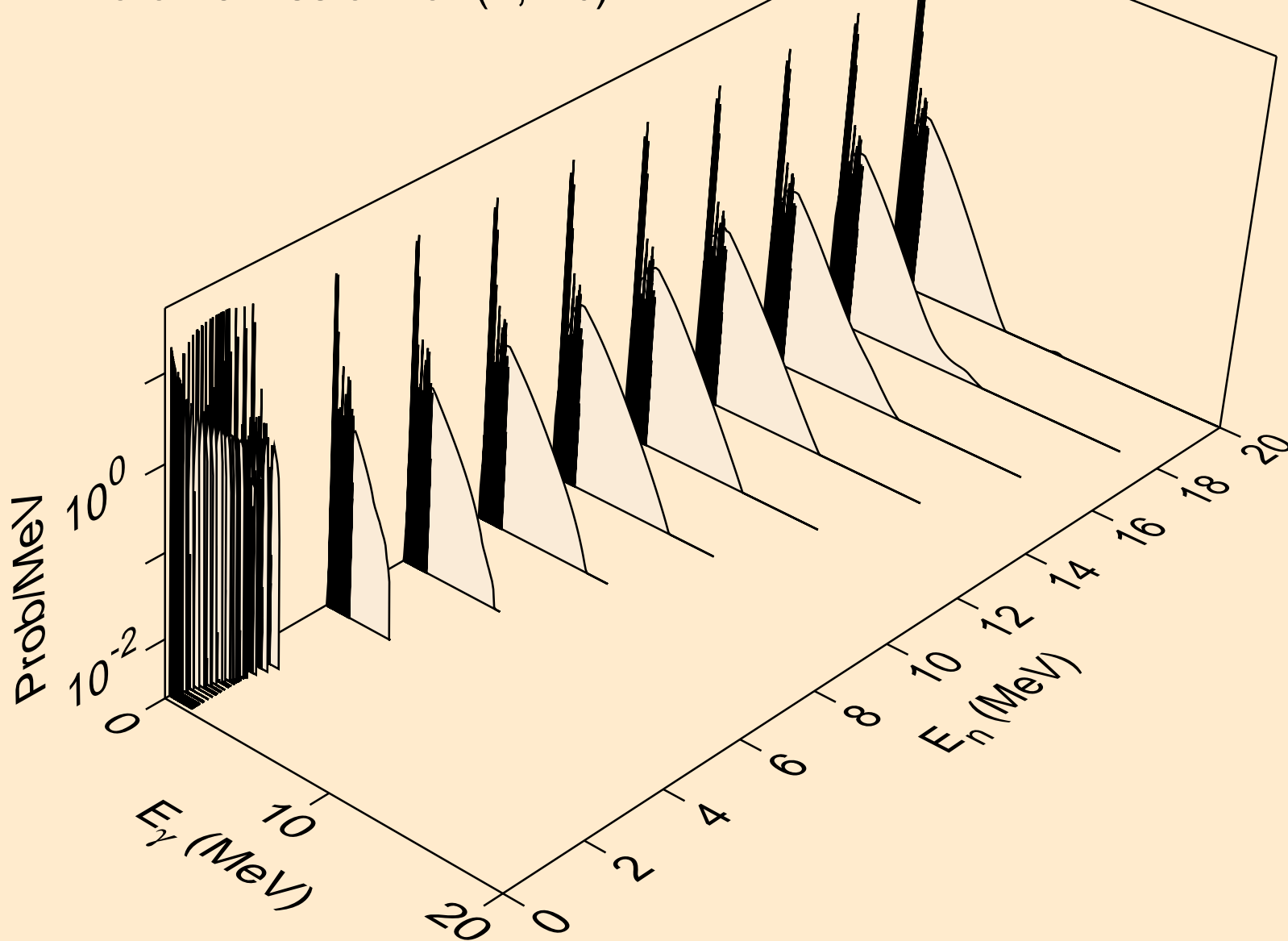
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*24)



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*25)

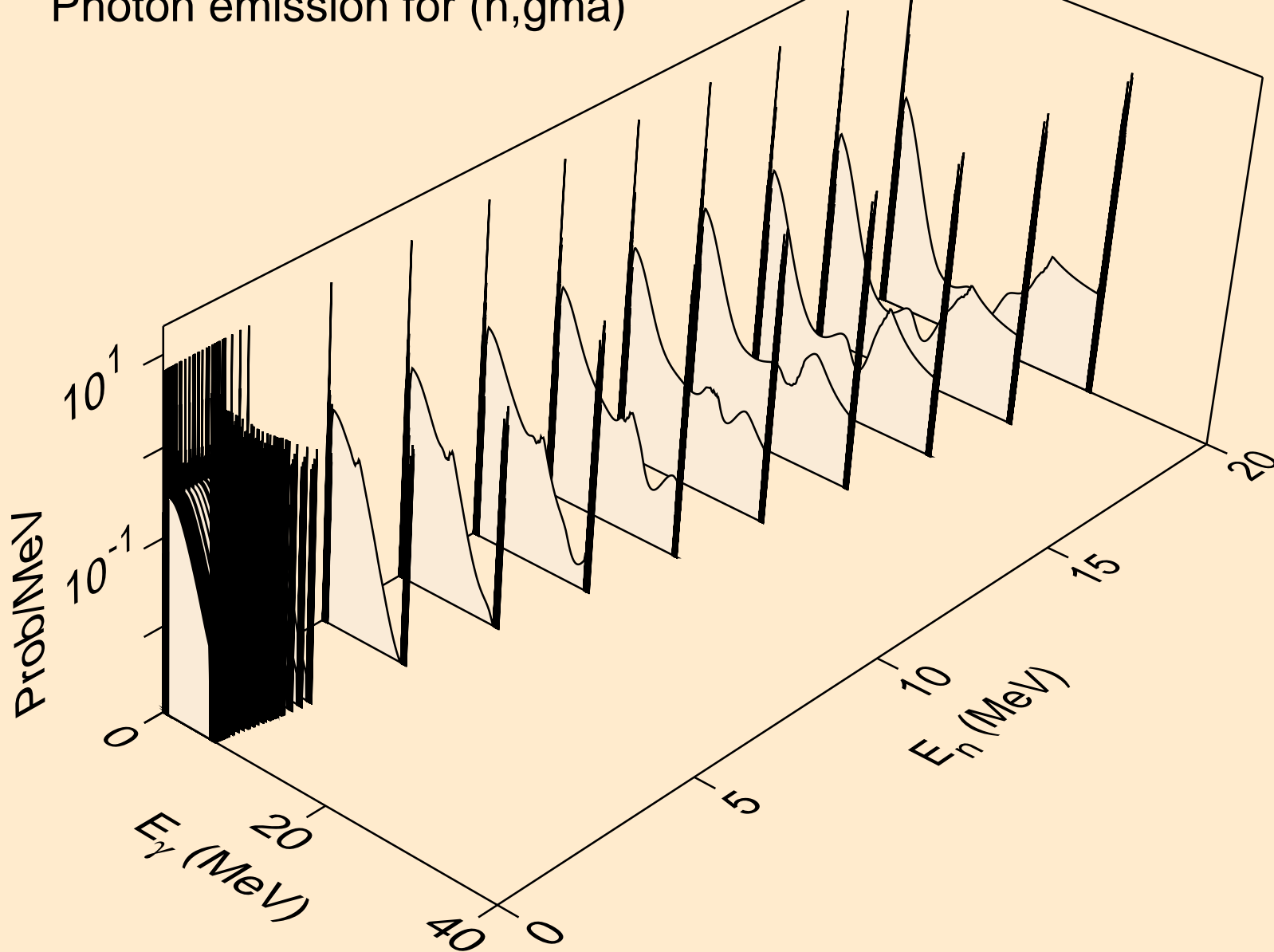


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,n\*c)

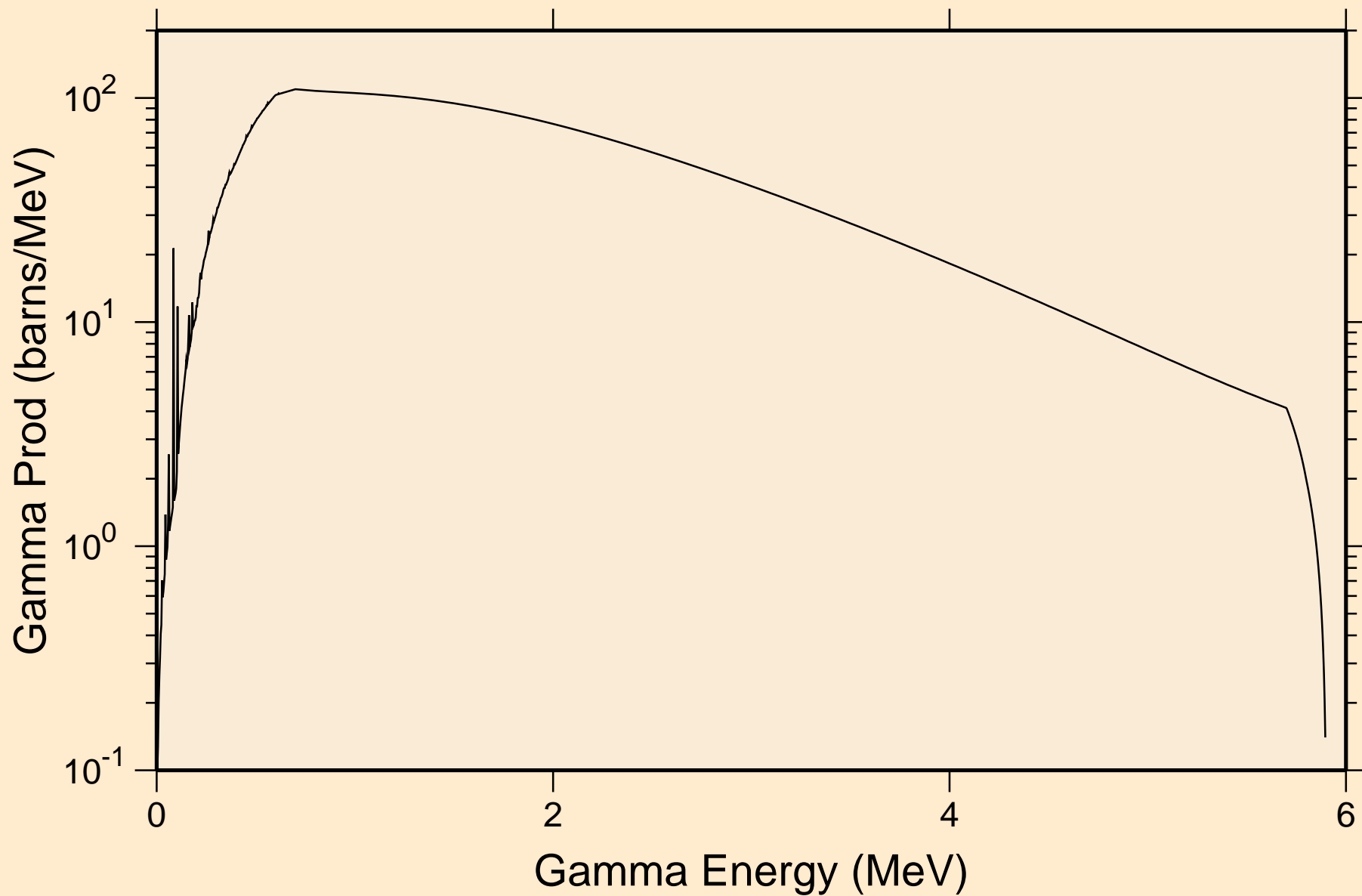




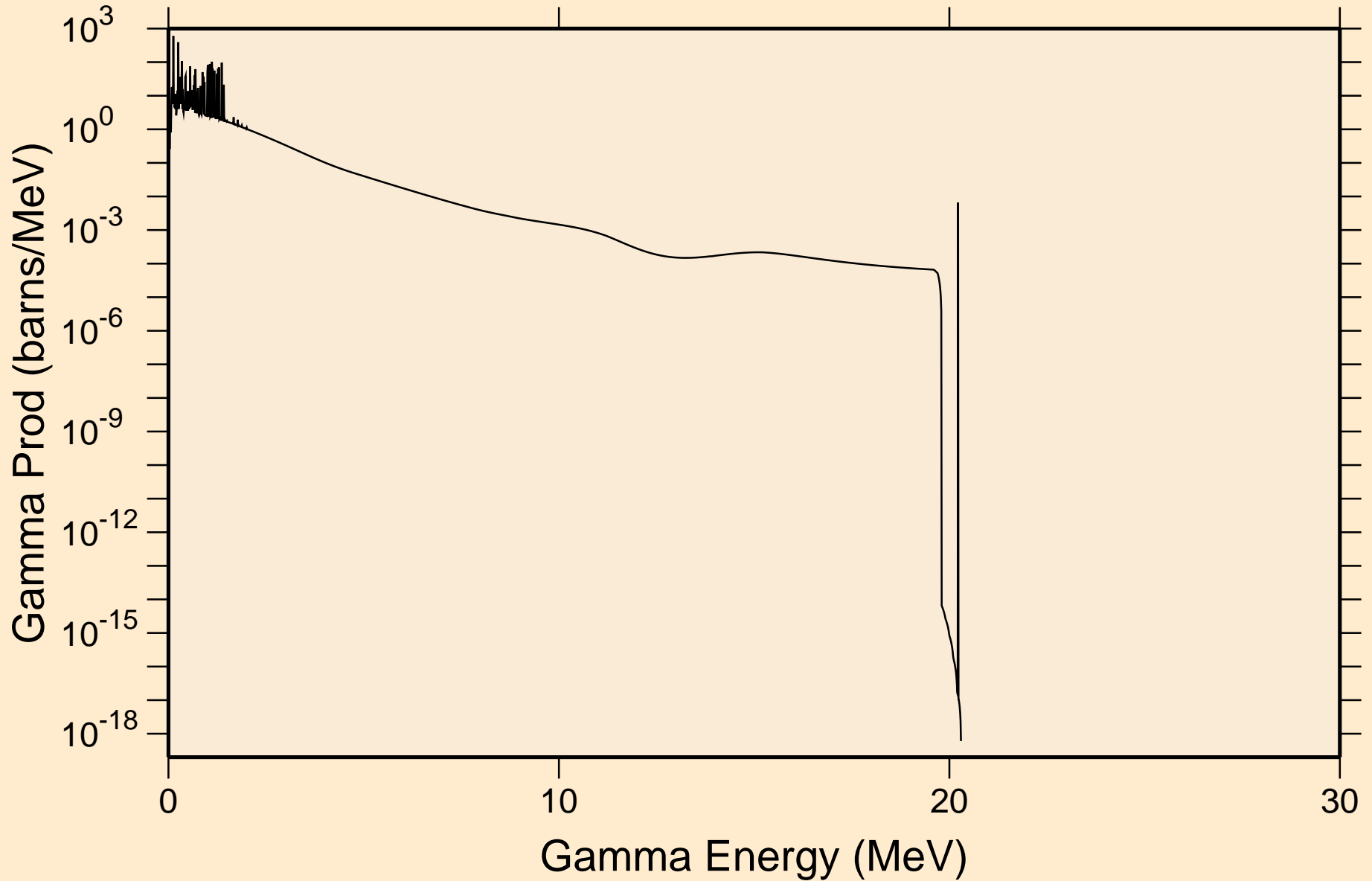
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,gma)



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
thermal capture photon spectrum

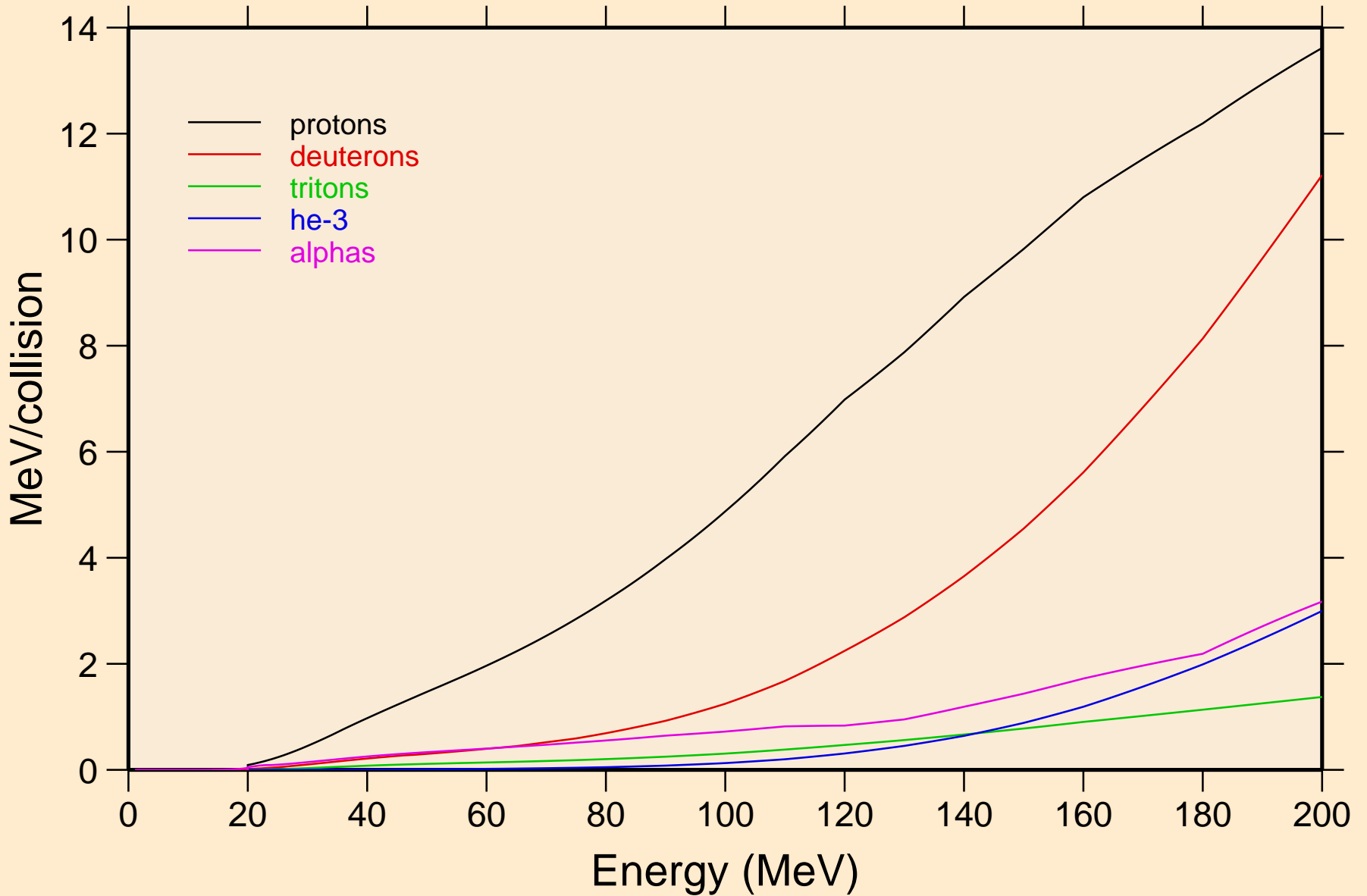


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
14 MeV photon spectrum



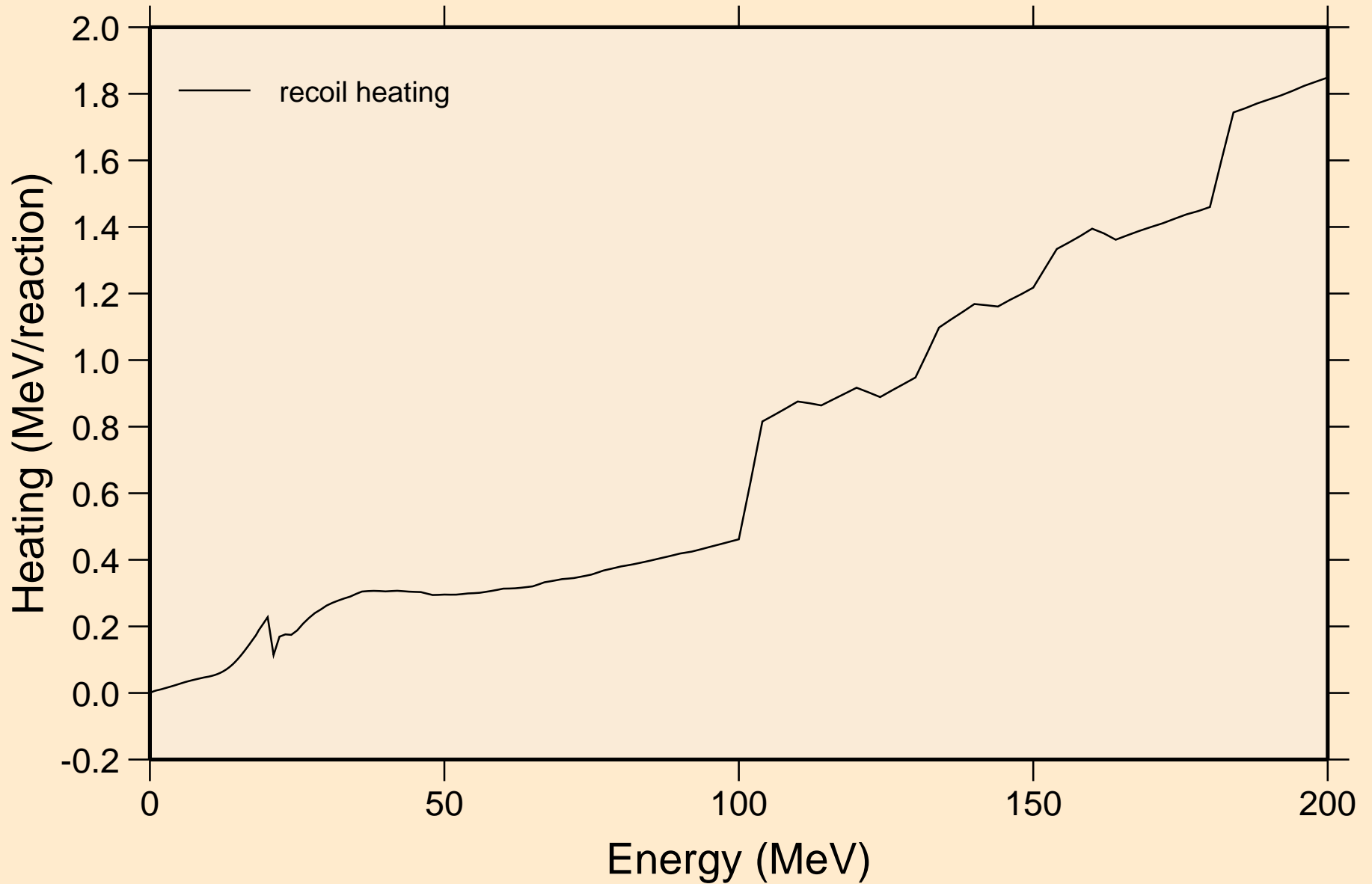
# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Particle heating contributions

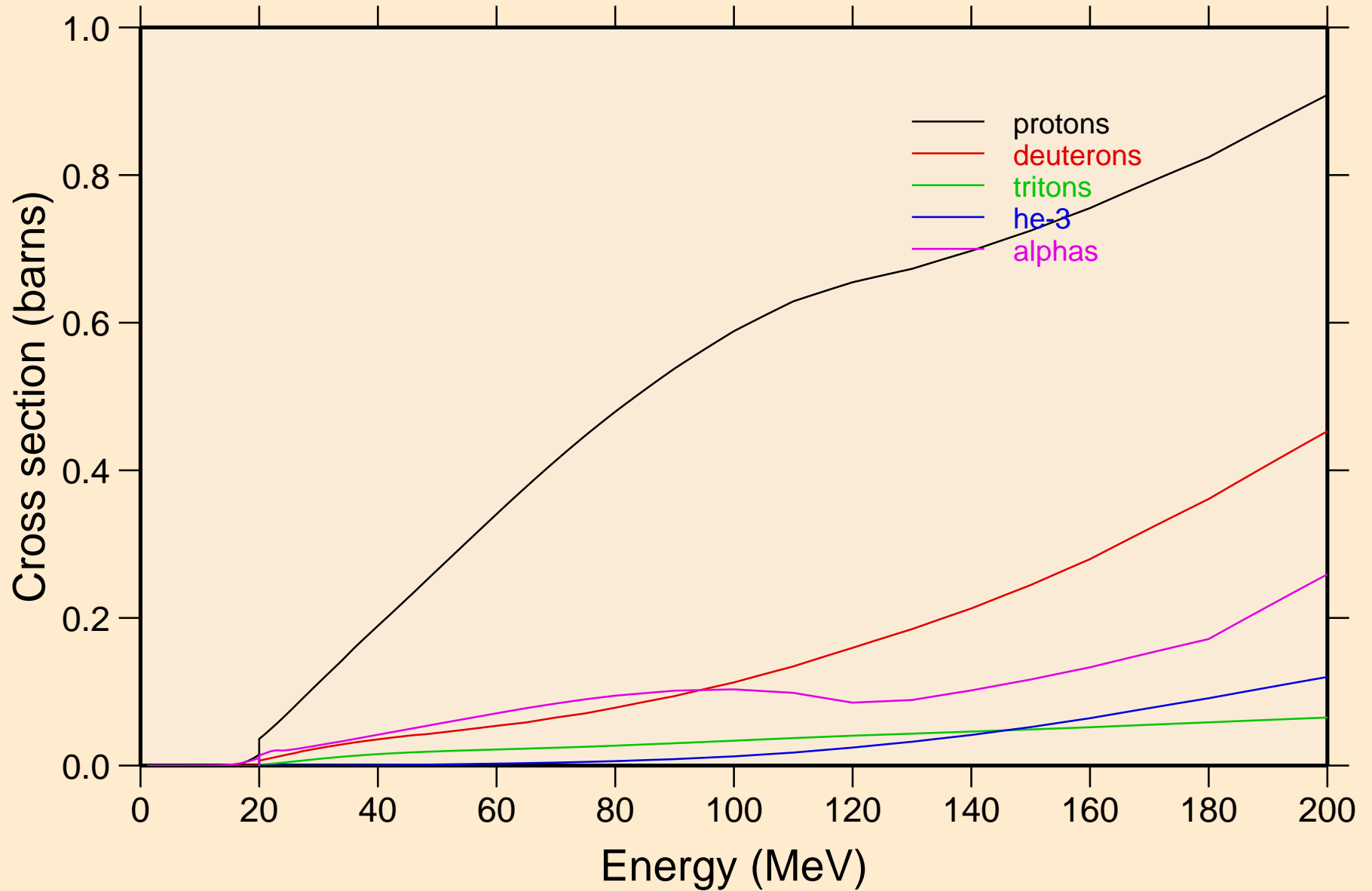


# 64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

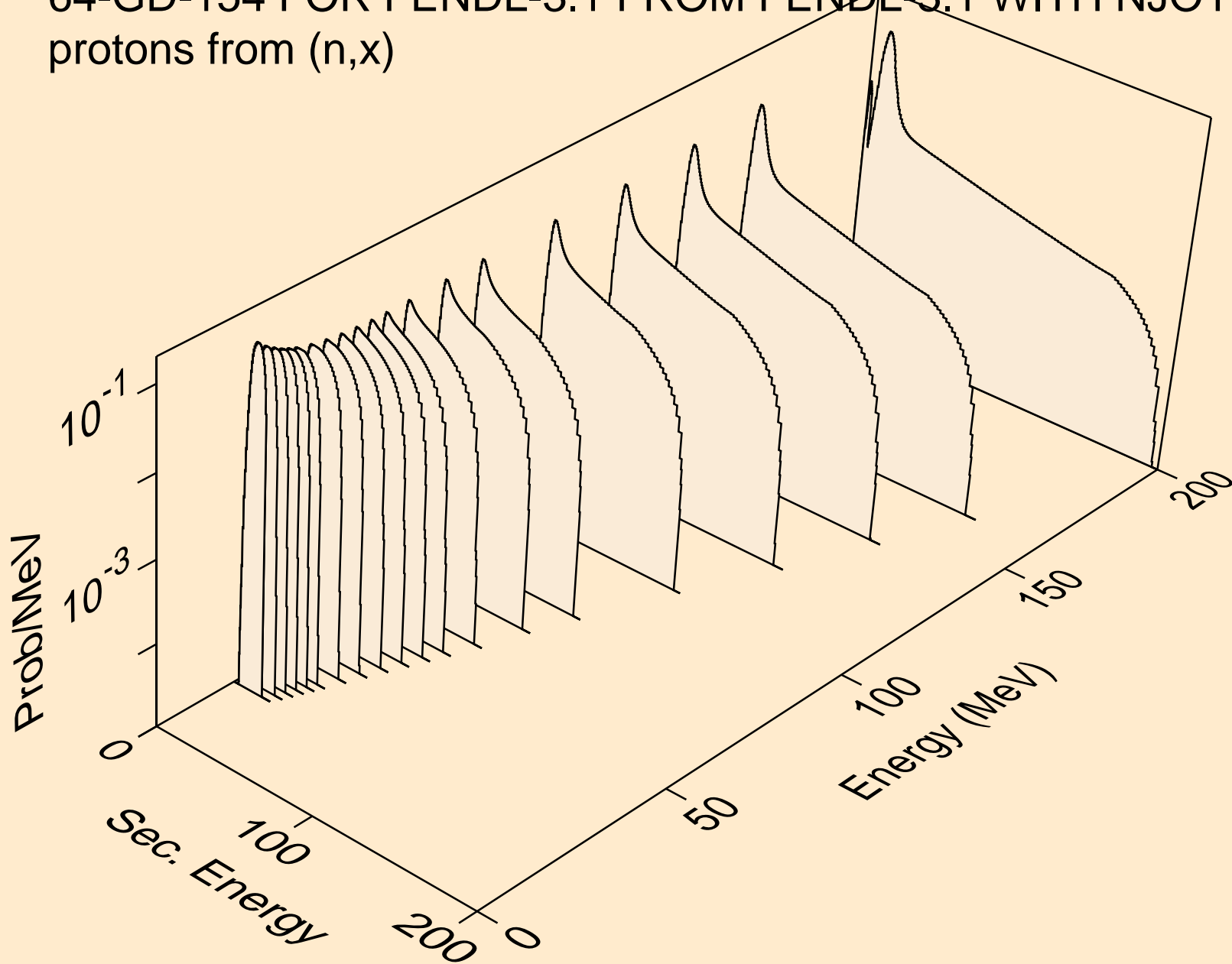
## Recoil Heating



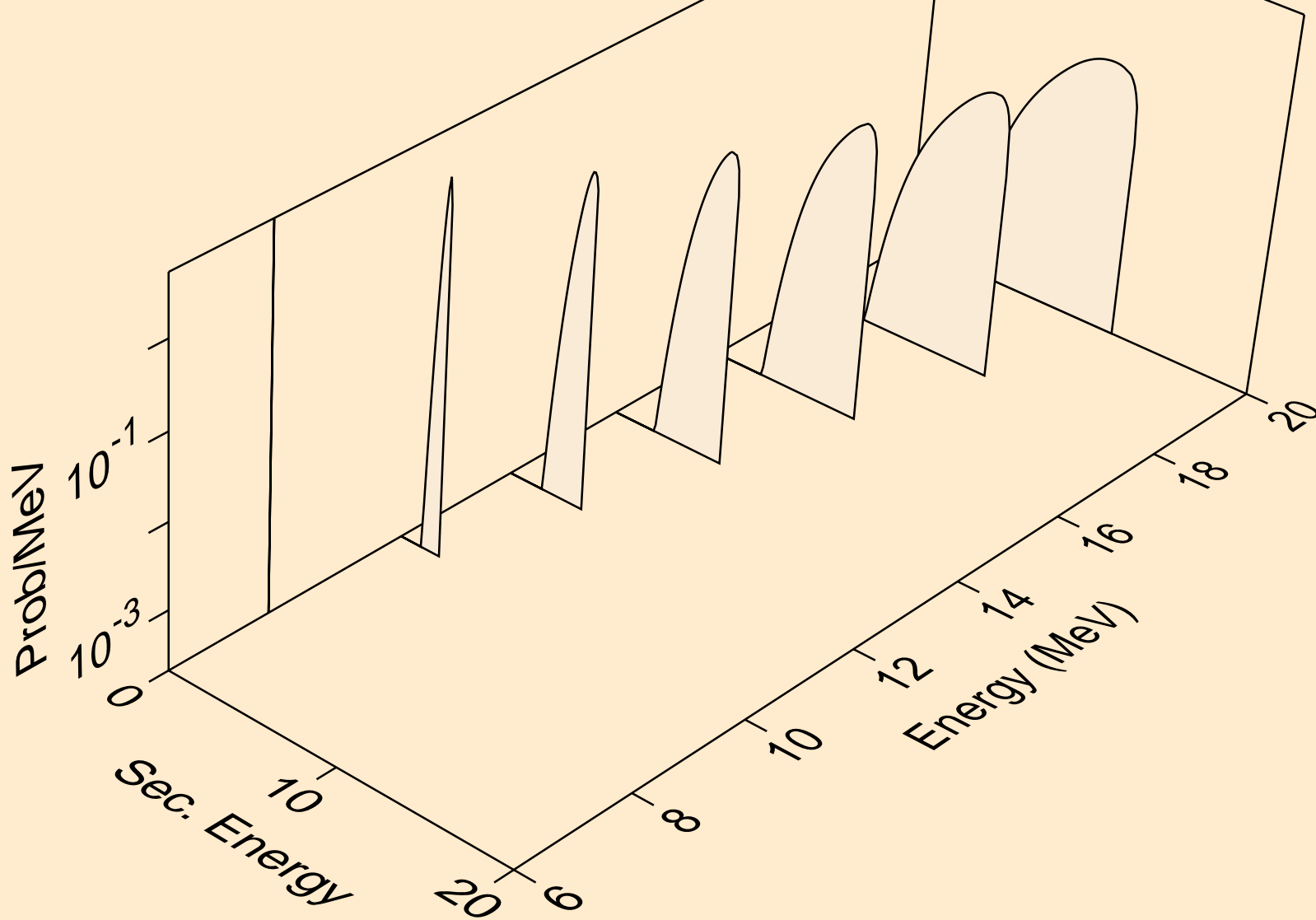
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Particle production cross sections



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
protons from (n,x)

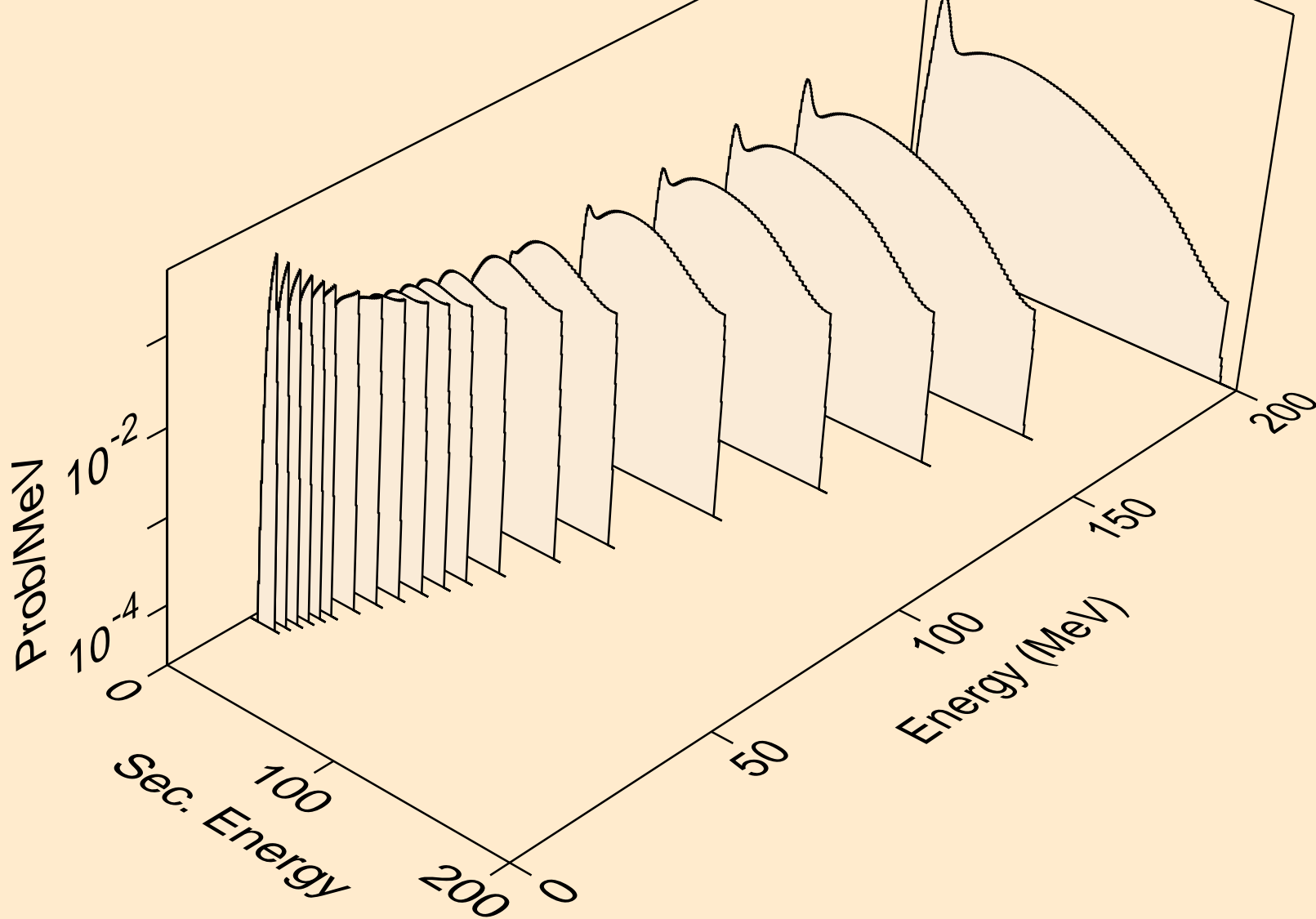


64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
protons from (n,n\*)p

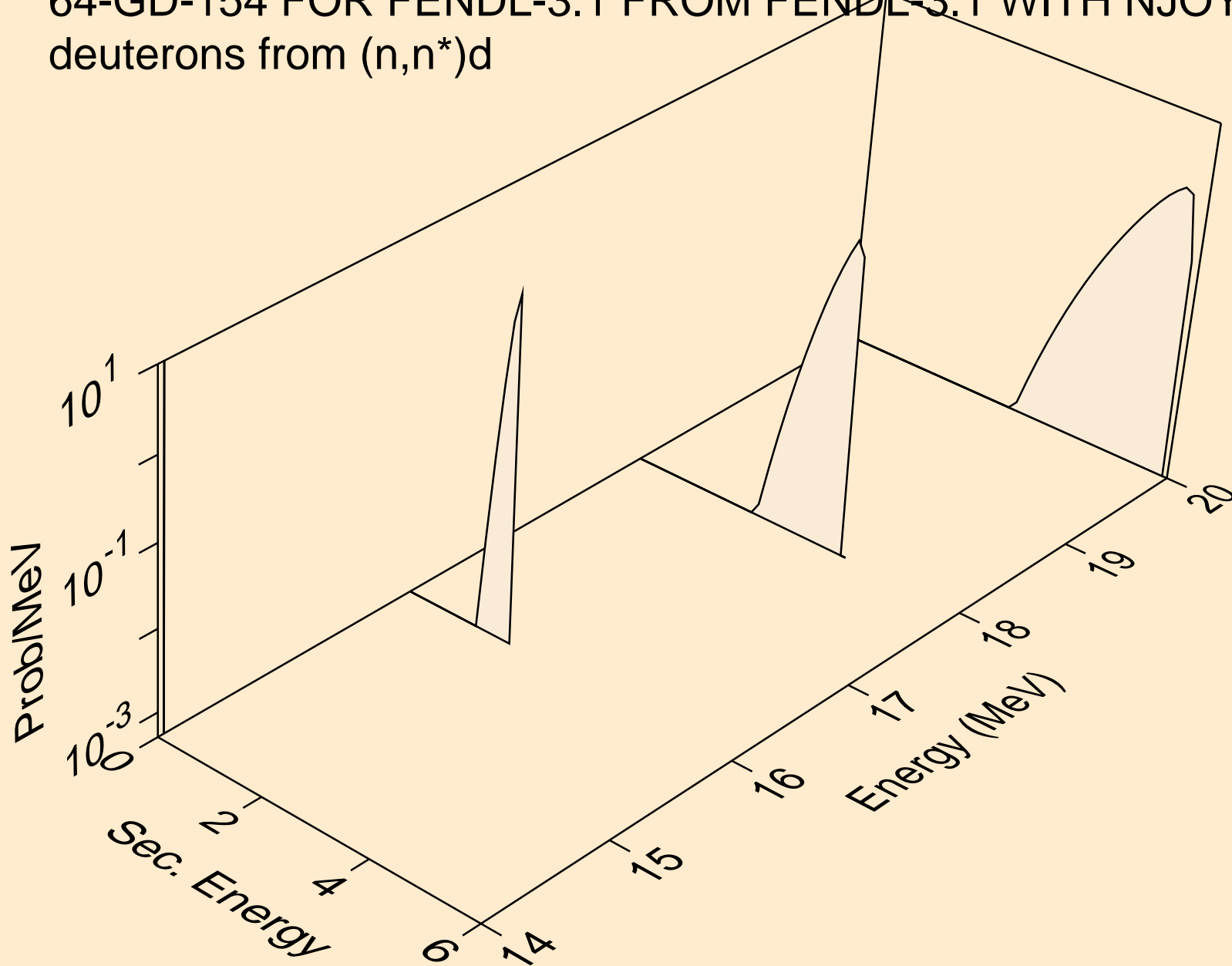




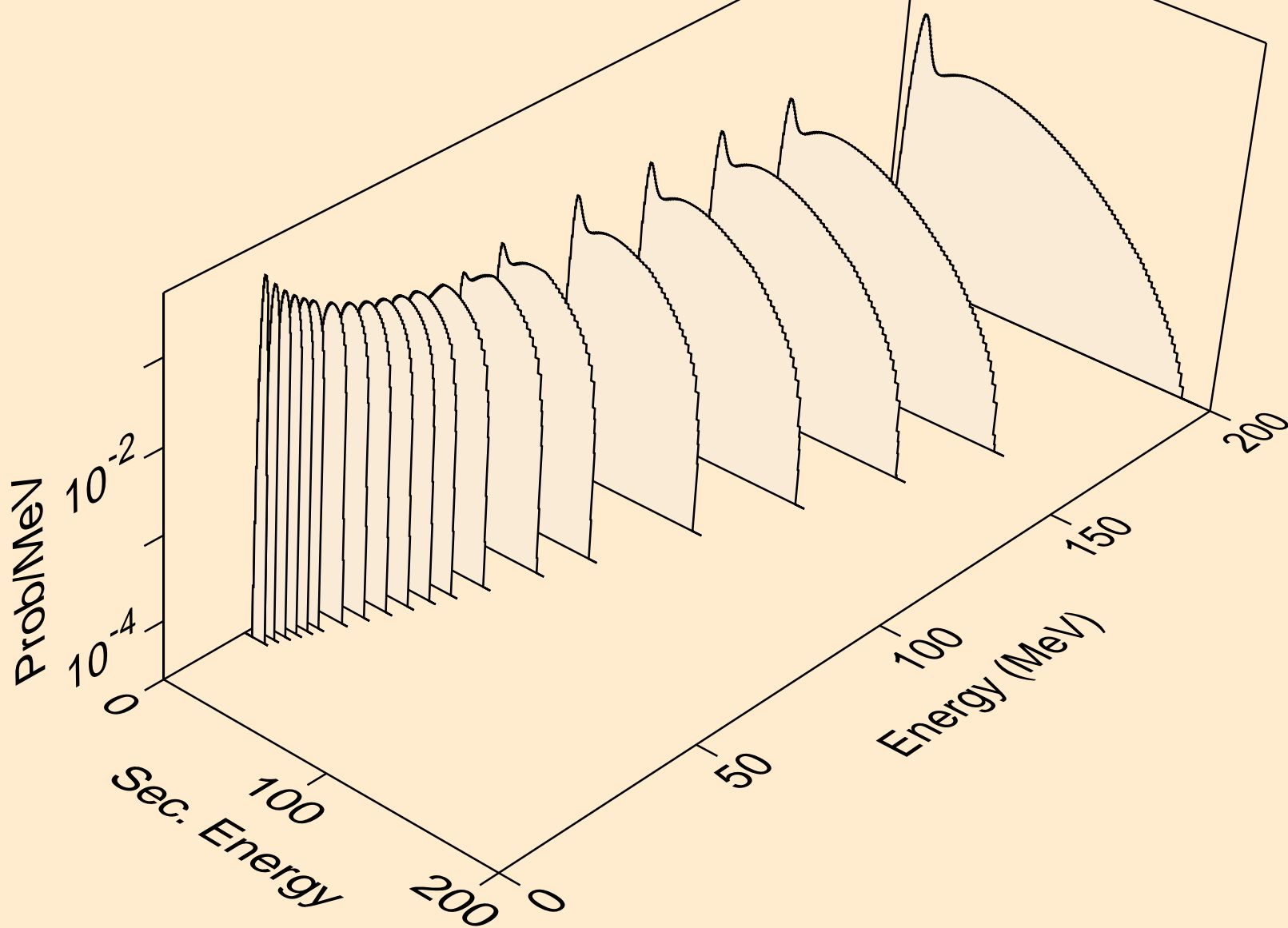
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
deuterons from (n,x)



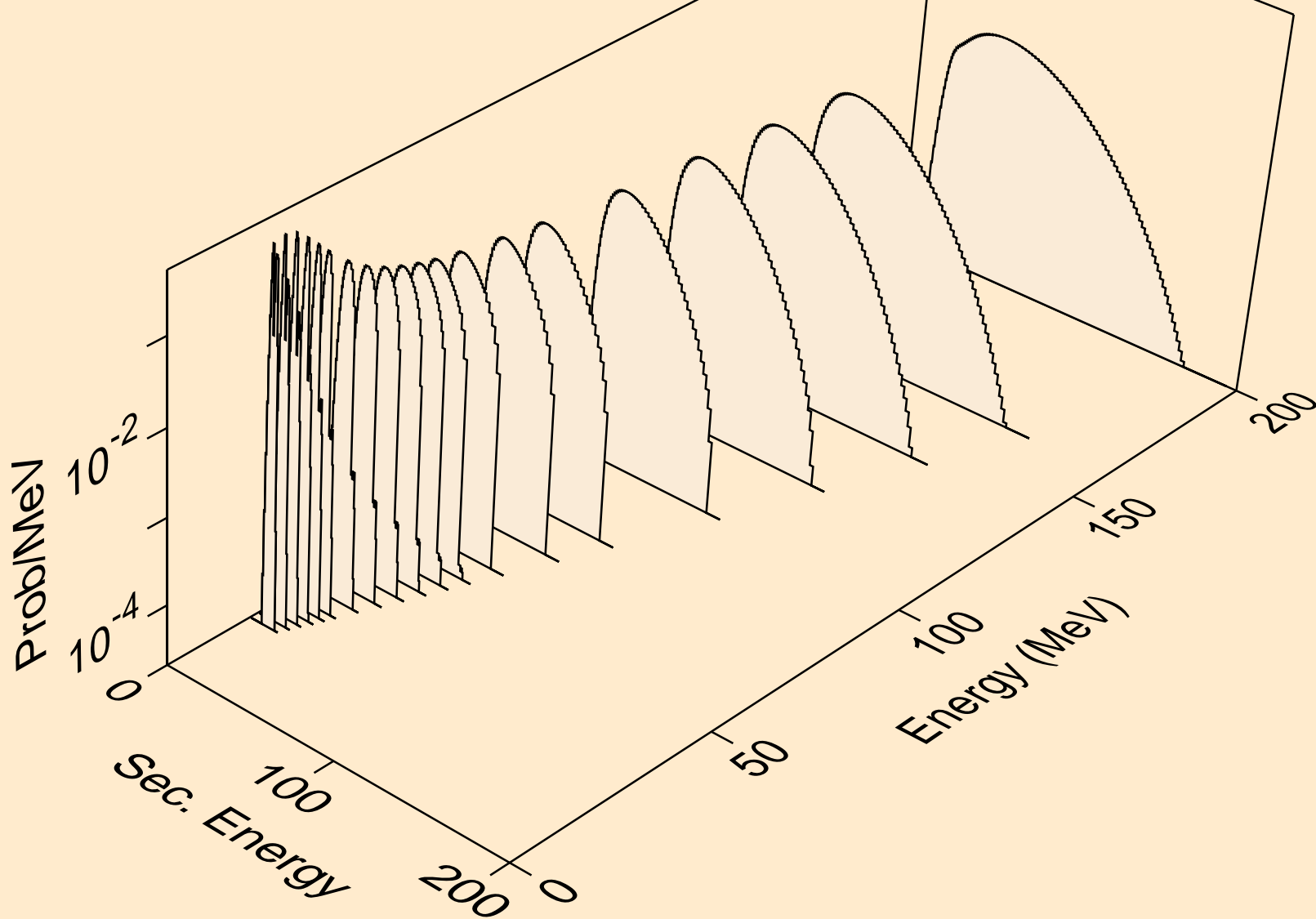
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
deuterons from (n,n\*)d



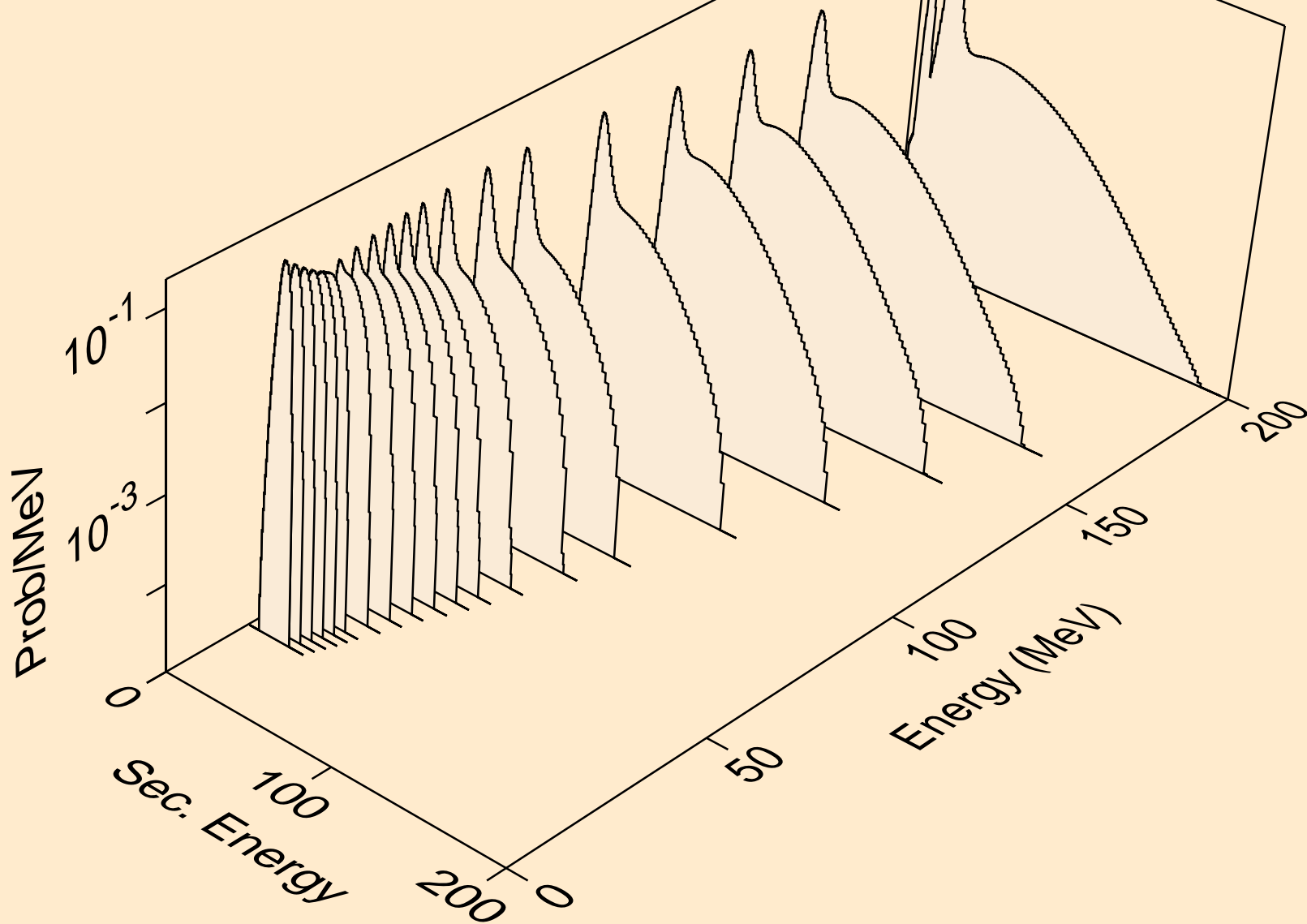
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
tritons from (n,x)



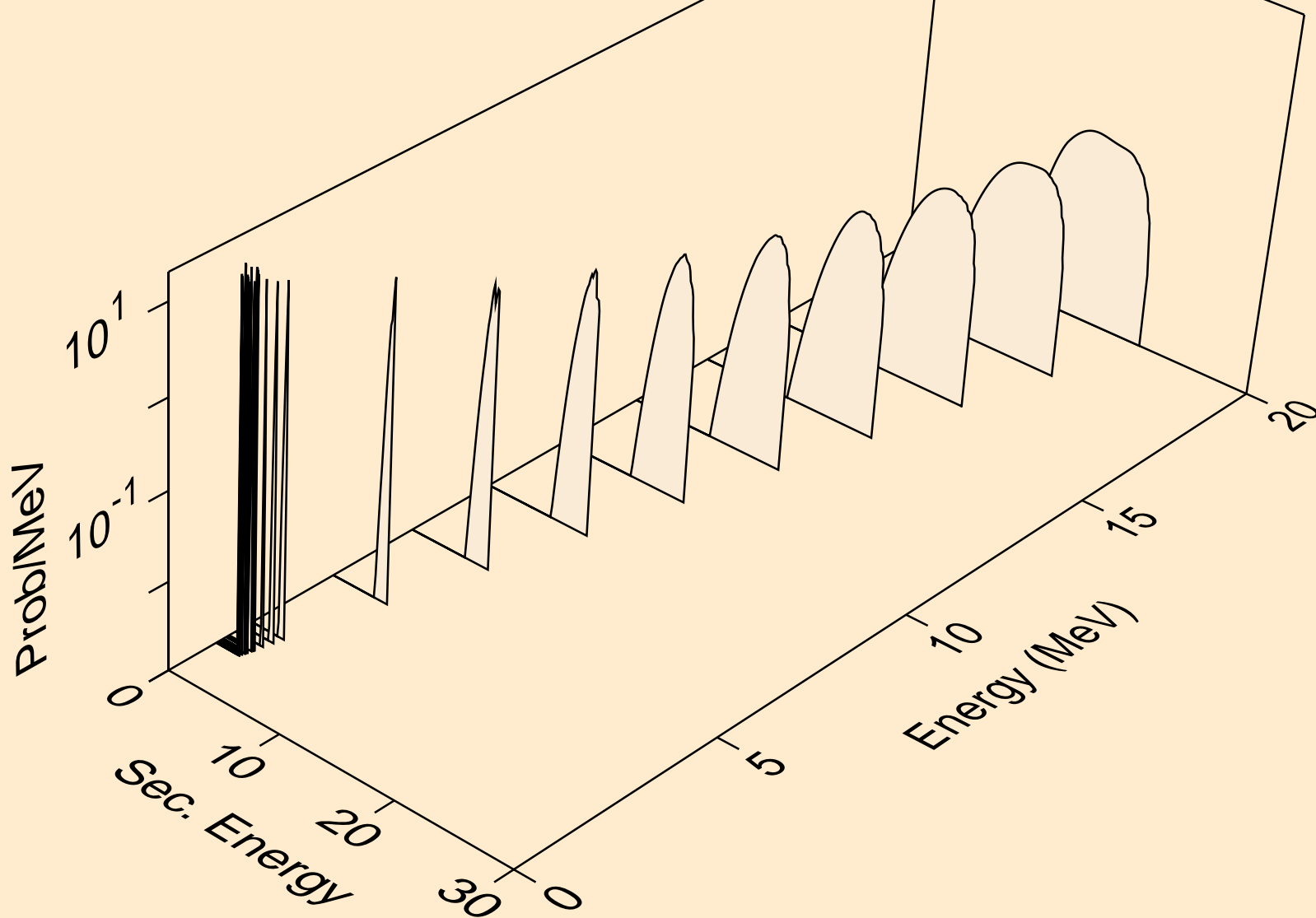
64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
he3s from (n,x)



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
alphas from (n,x)



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
alphas from (n,n\*)a



64-GD-154 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
alphas from (n,2n)a

