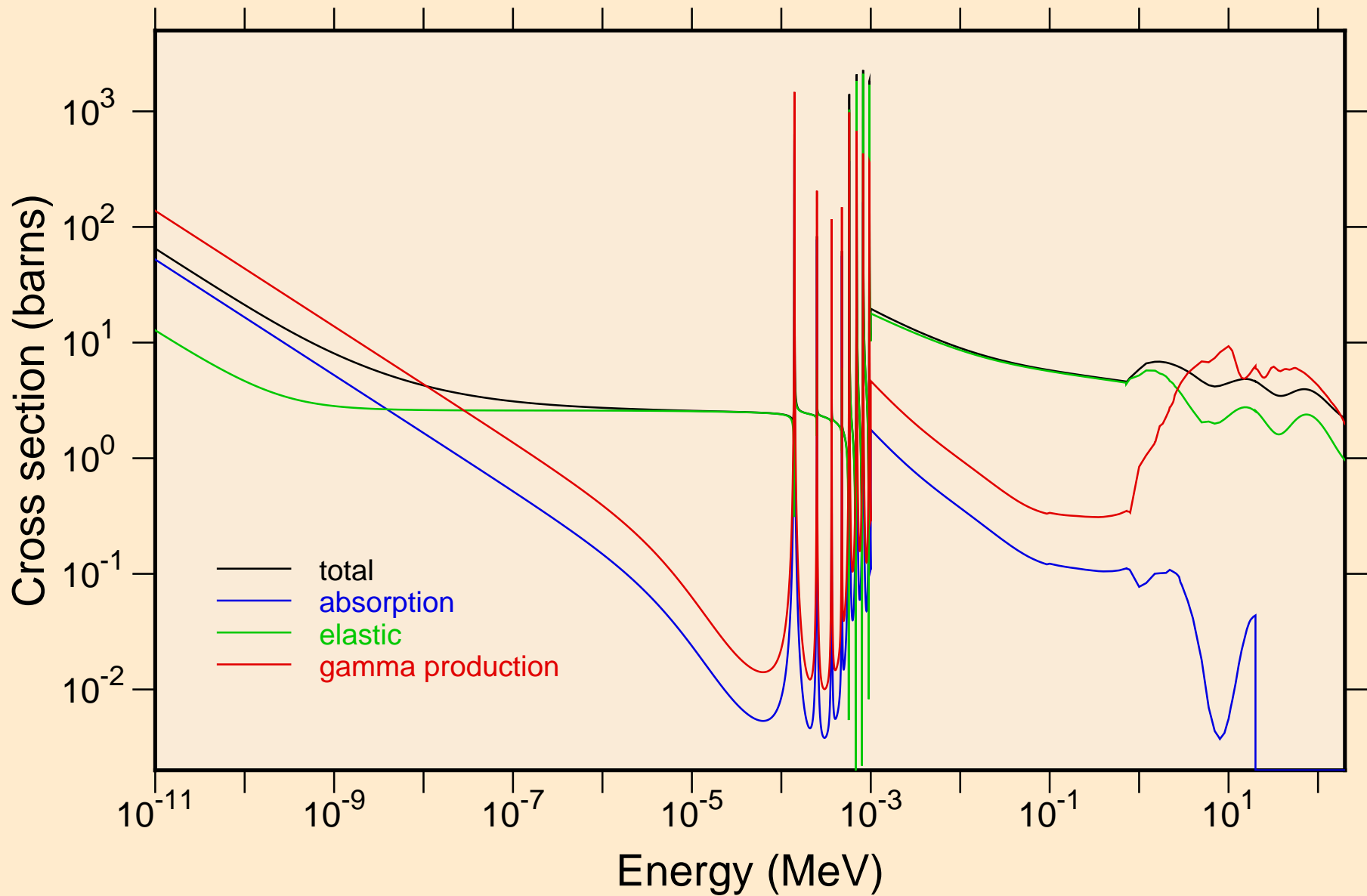
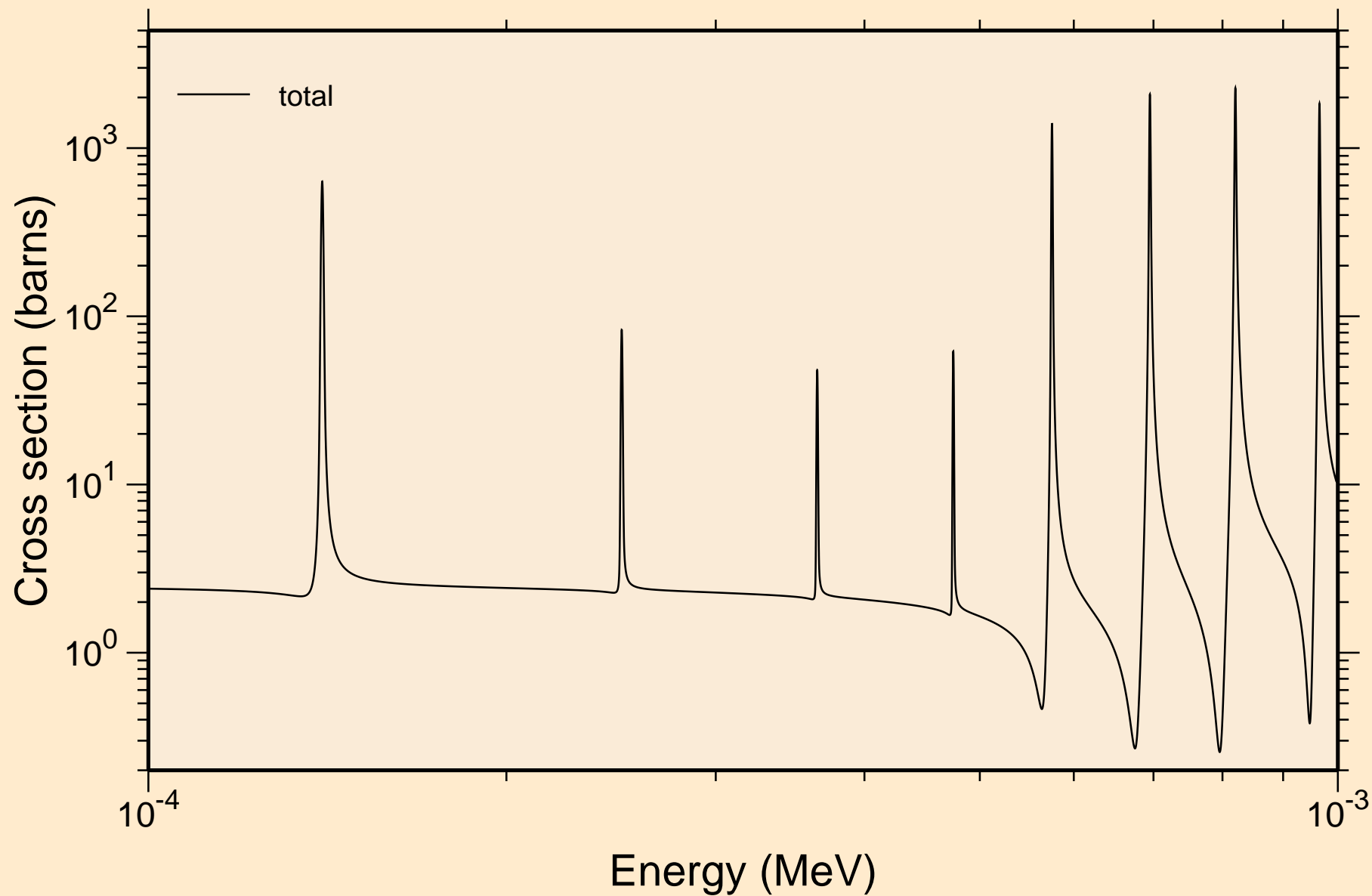


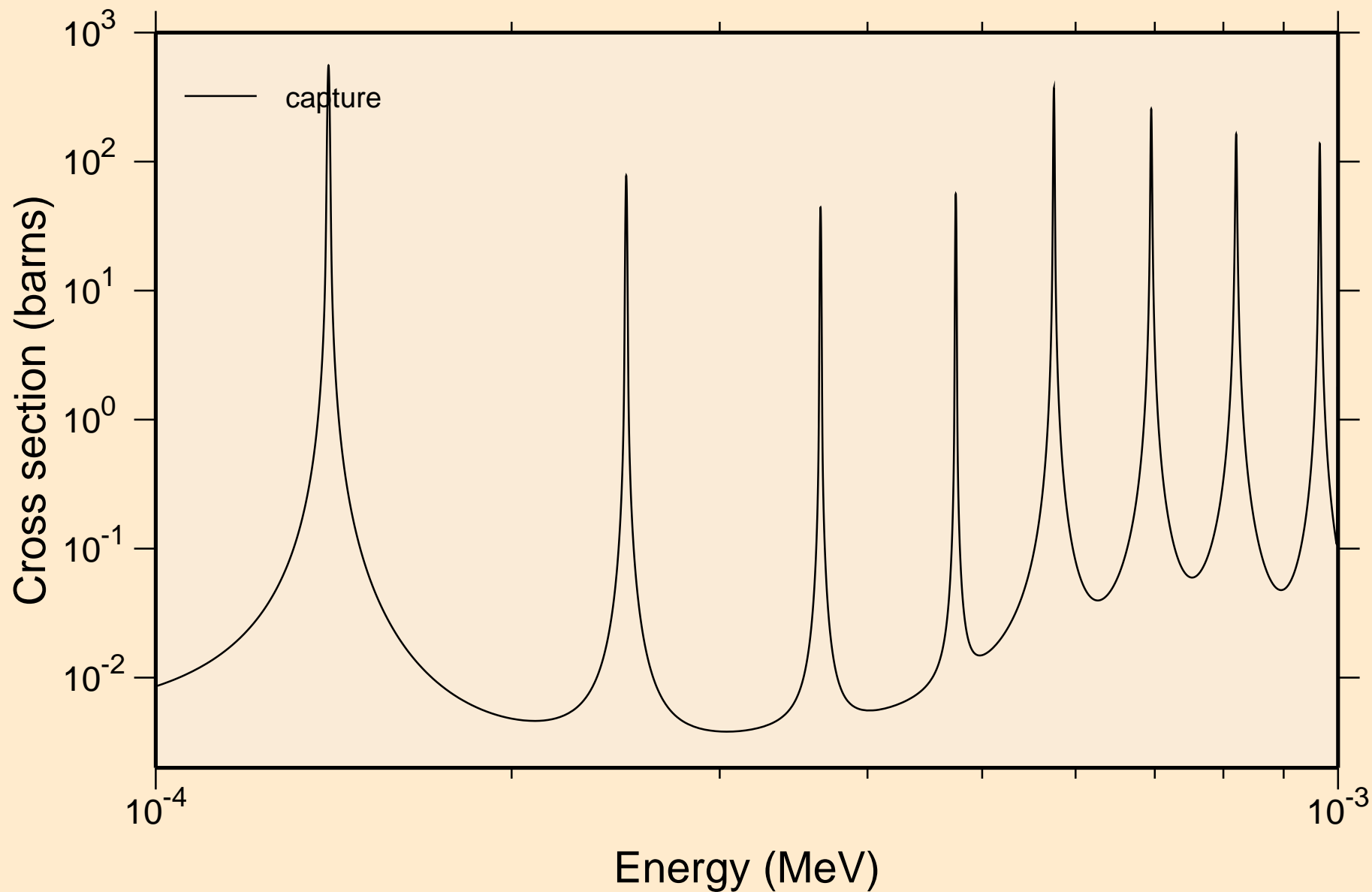
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Principal cross sections



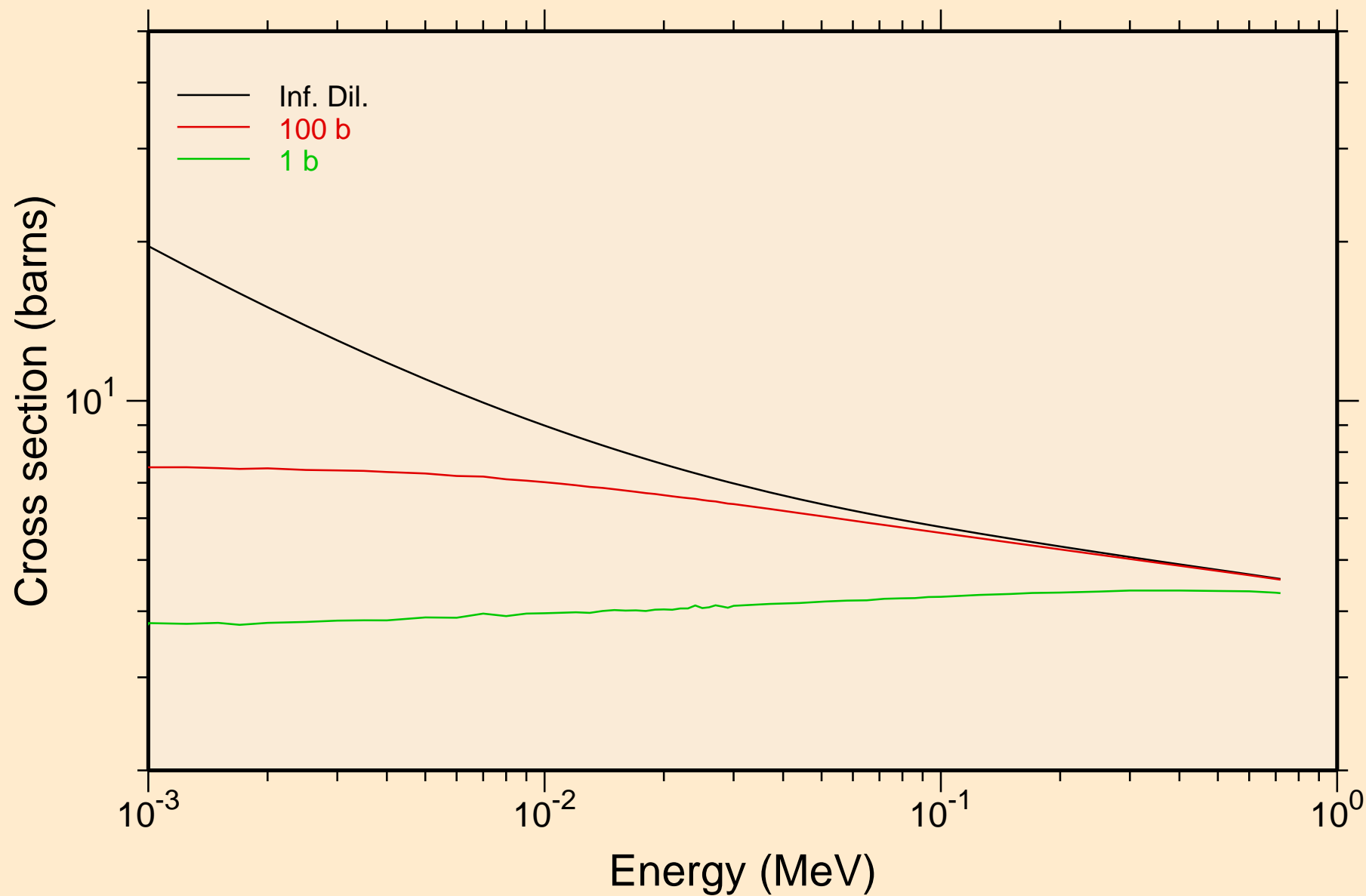
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
resonance total cross section



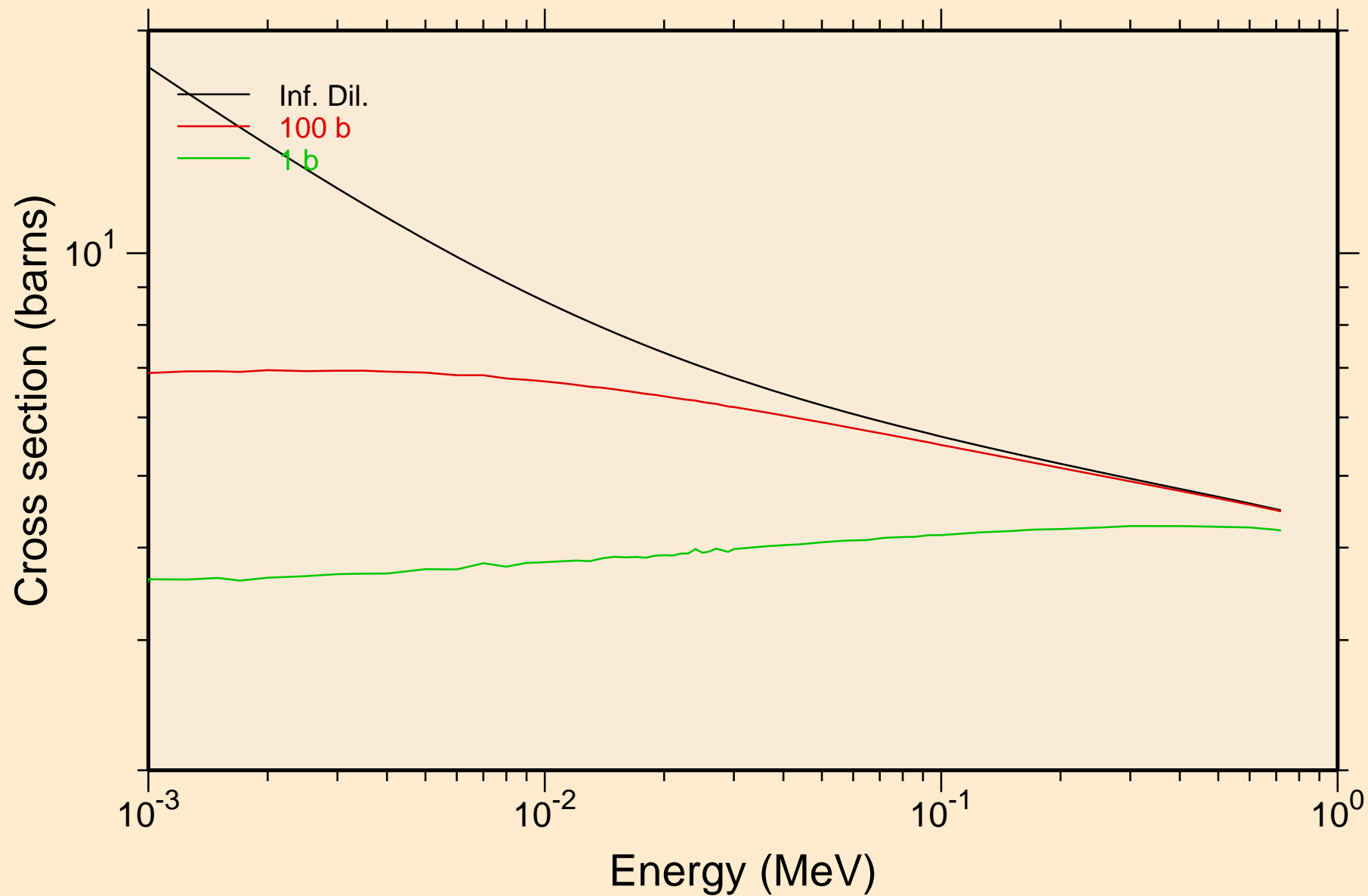
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
resonance absorption cross sections



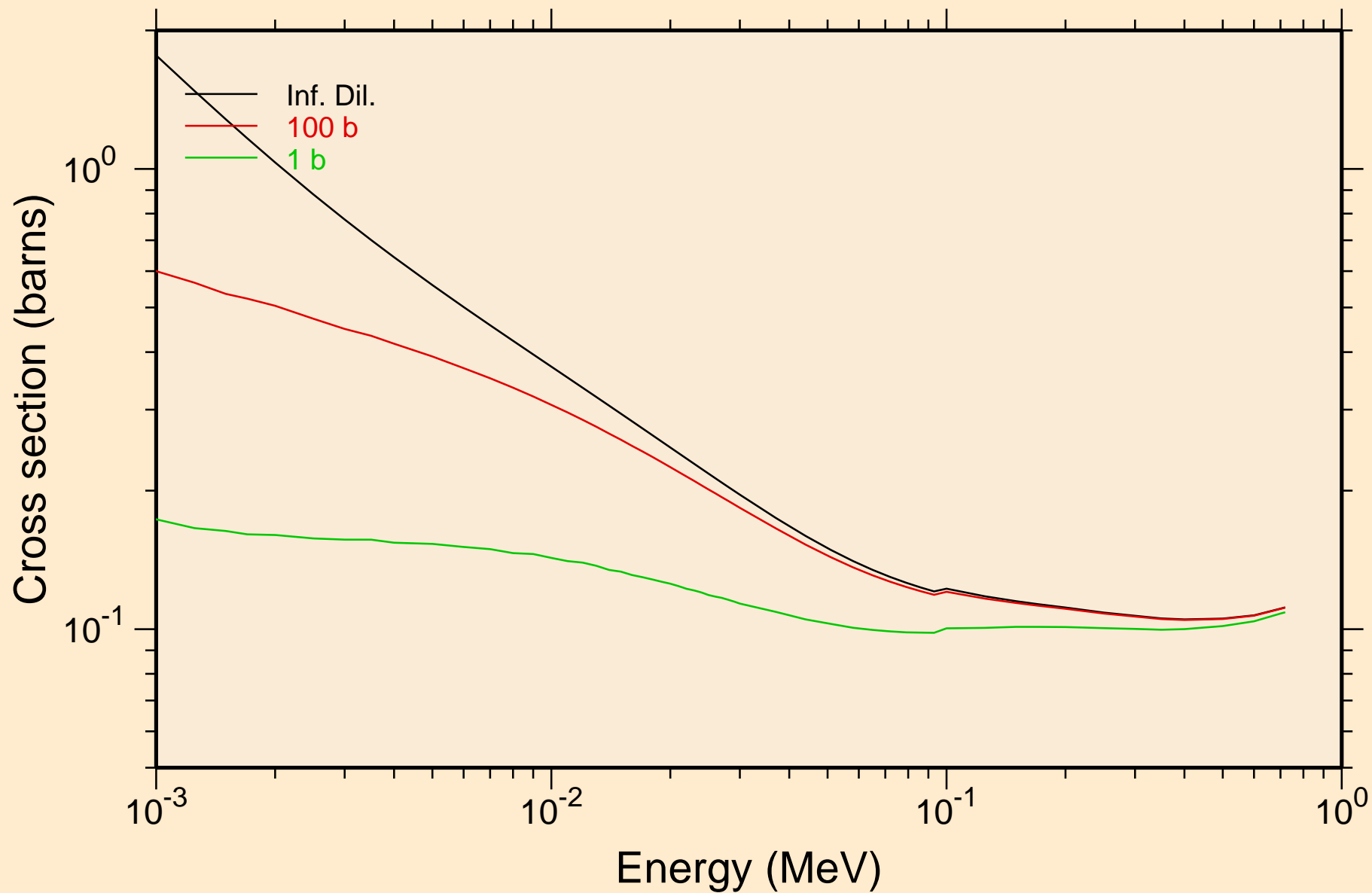
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
UR total cross section



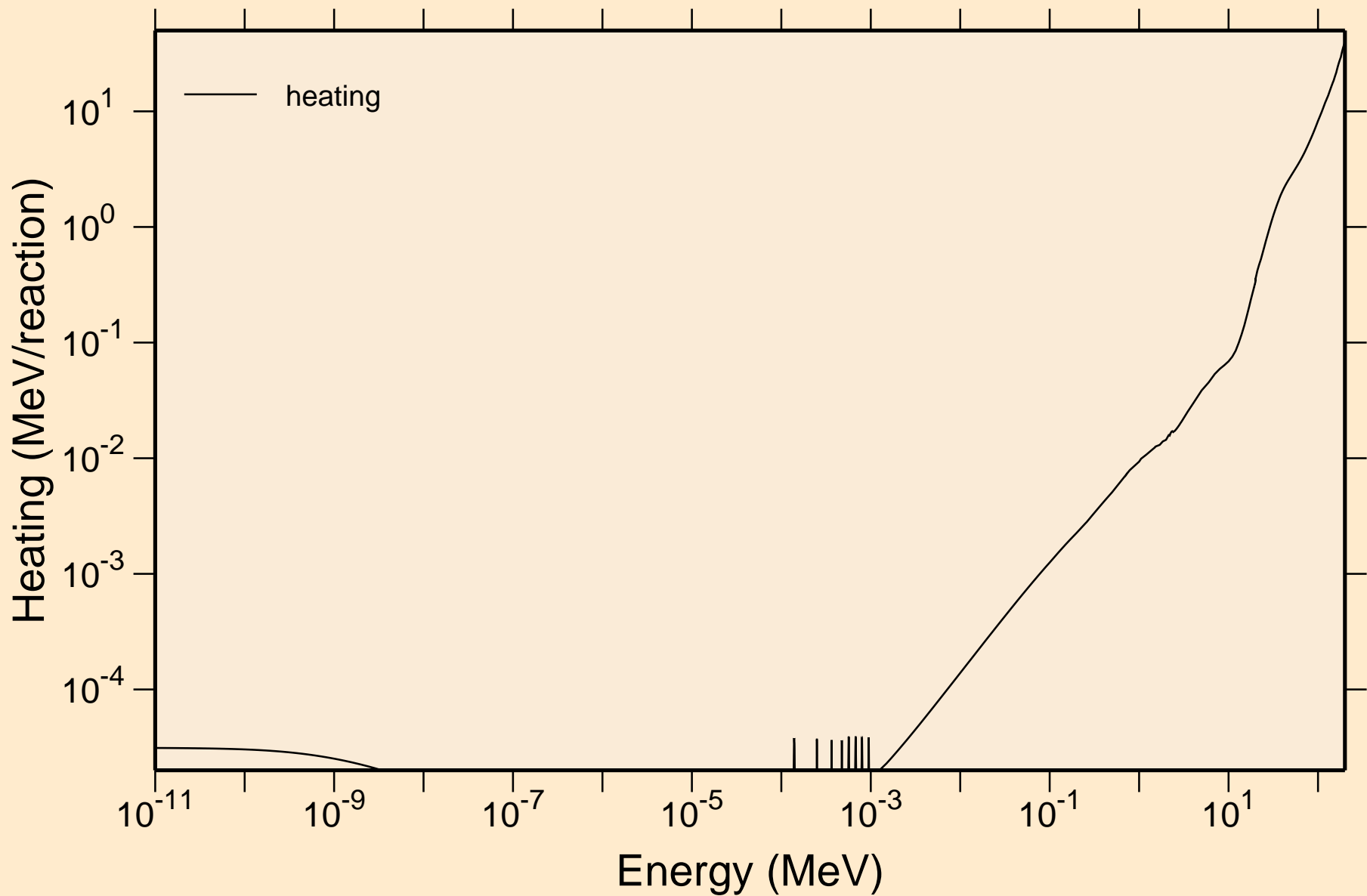
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
UR elastic cross section



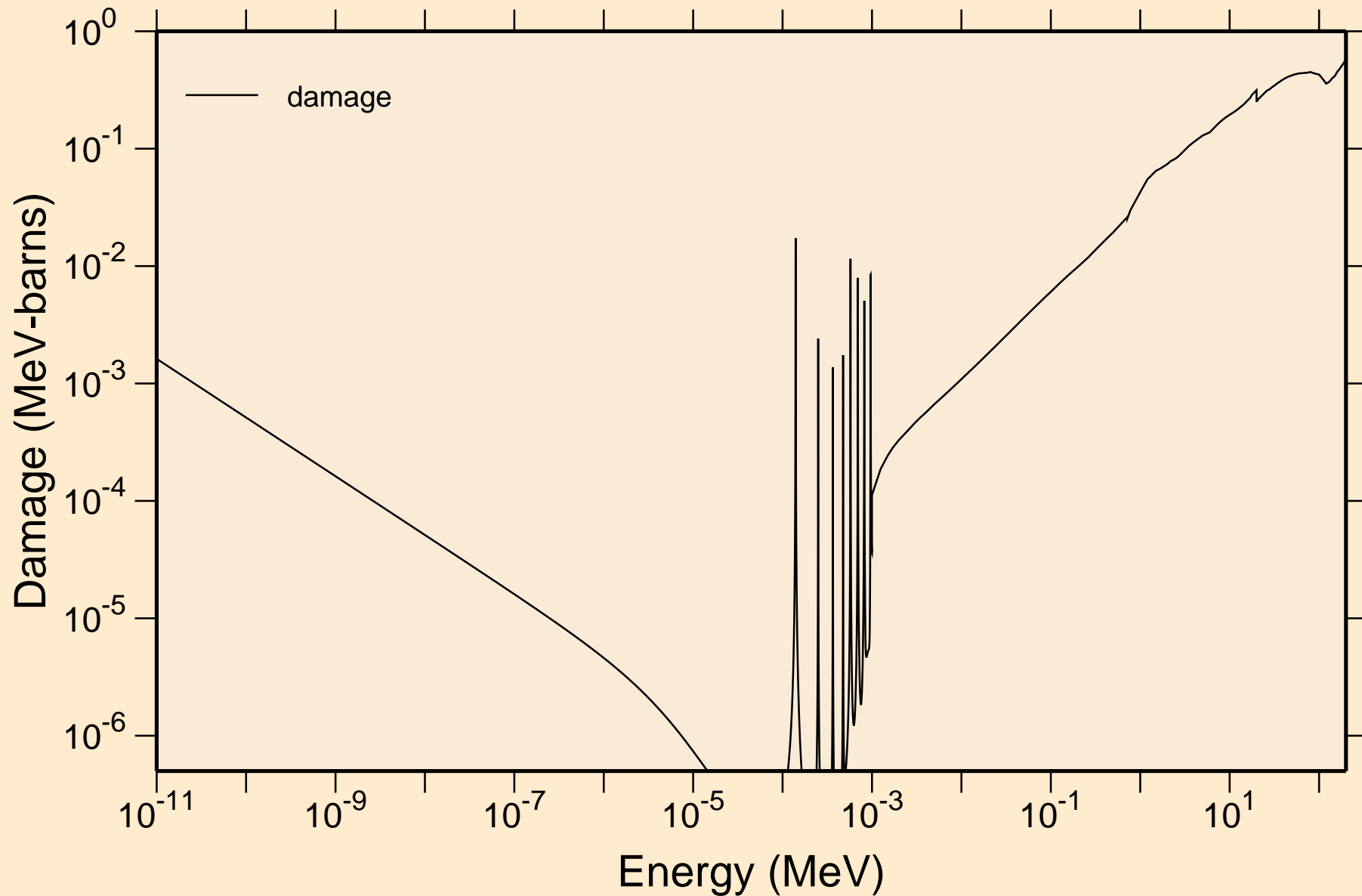
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
UR capture cross section



58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Heating

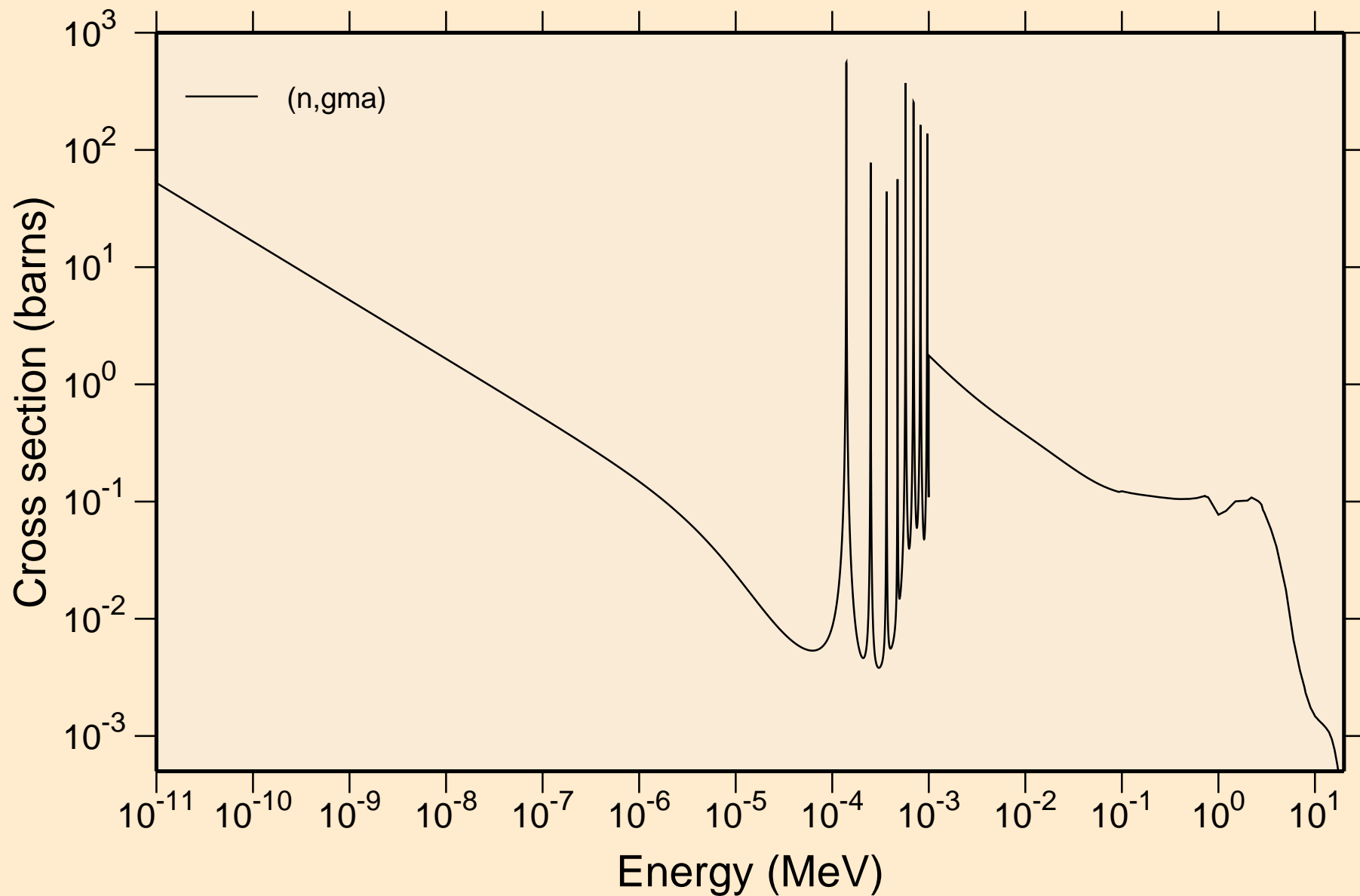


# 58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60 Damage

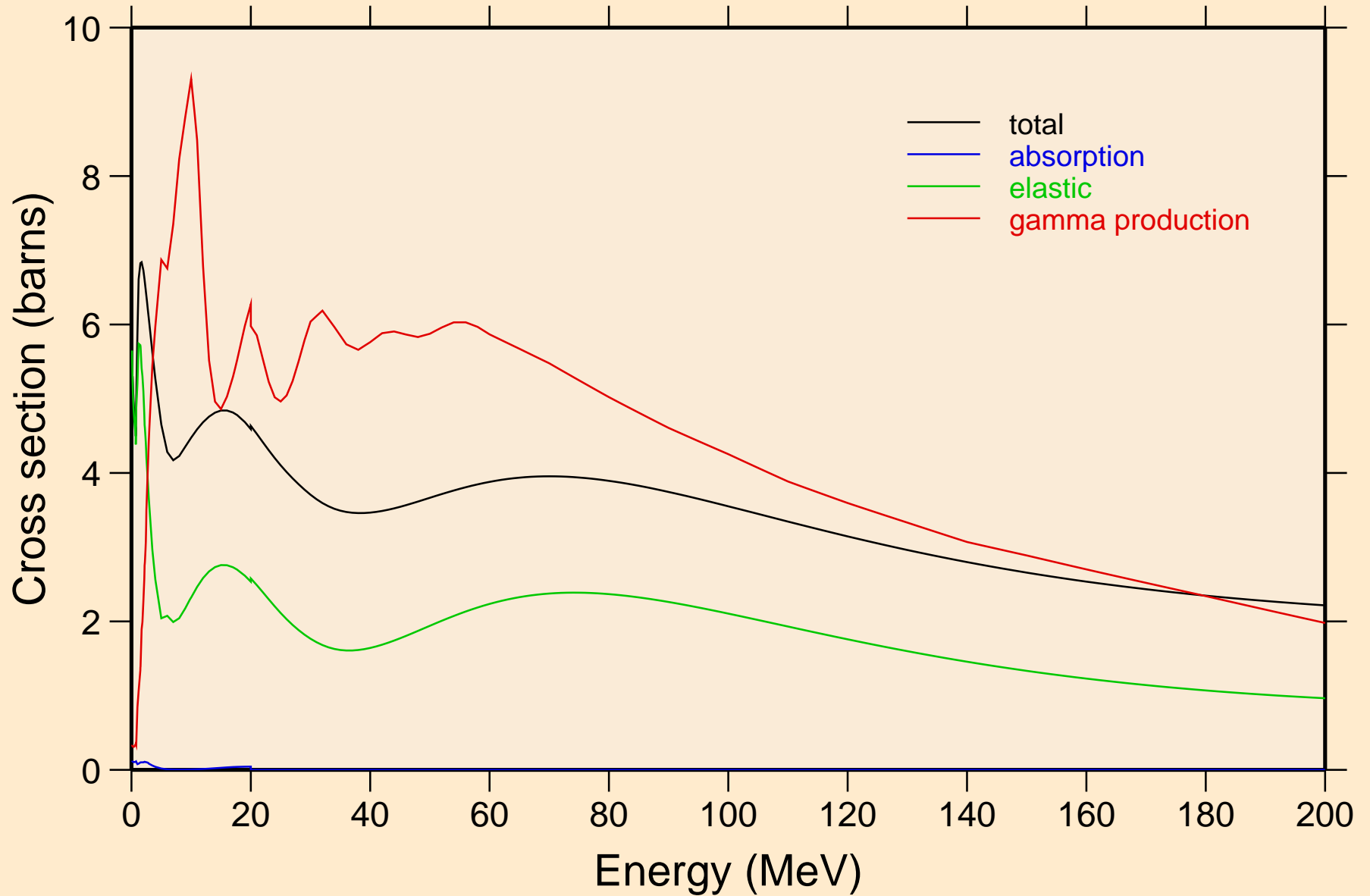




58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Non-threshold reactions

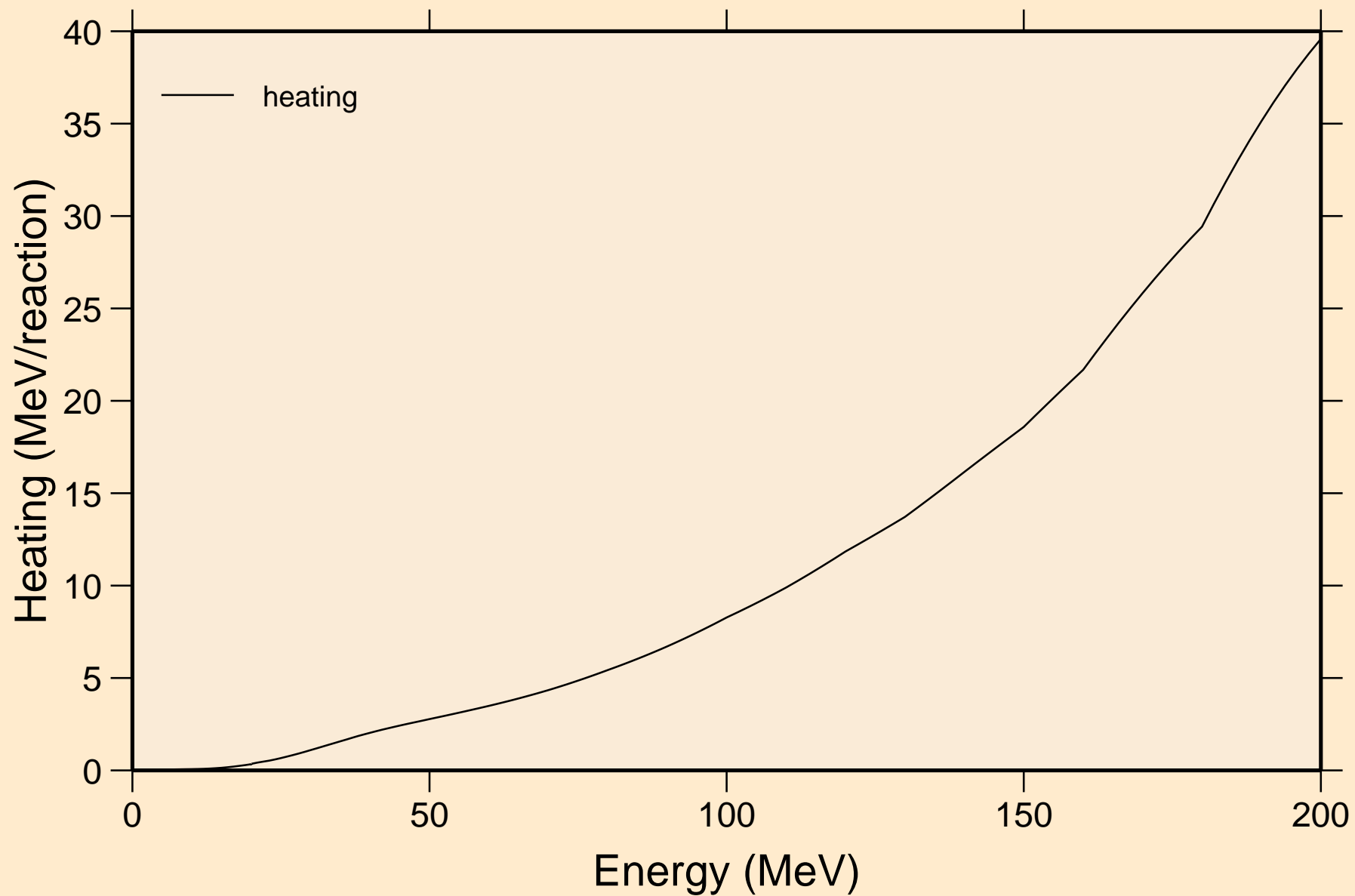


58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Principal cross sections

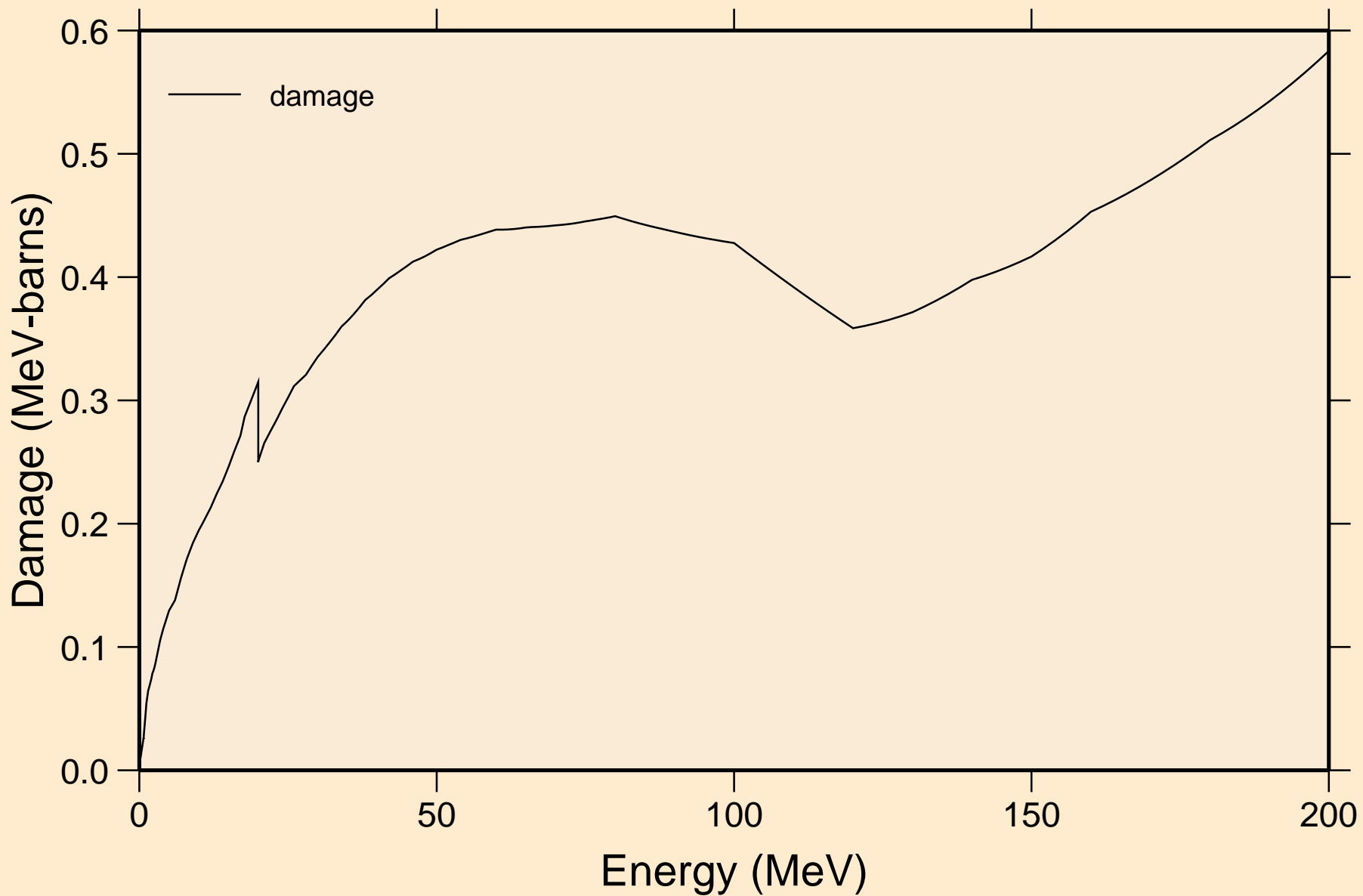


# 58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60

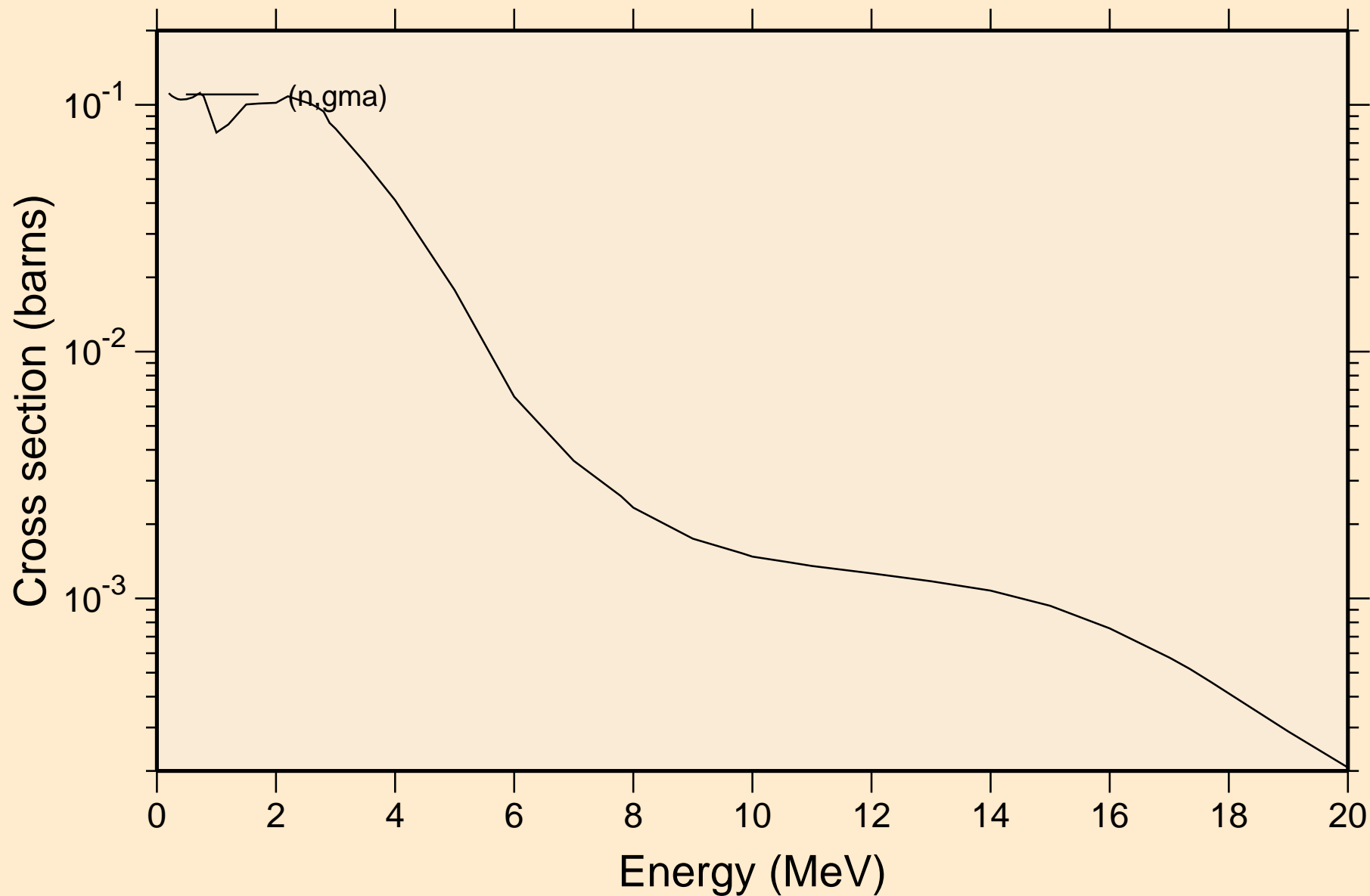
## Heating



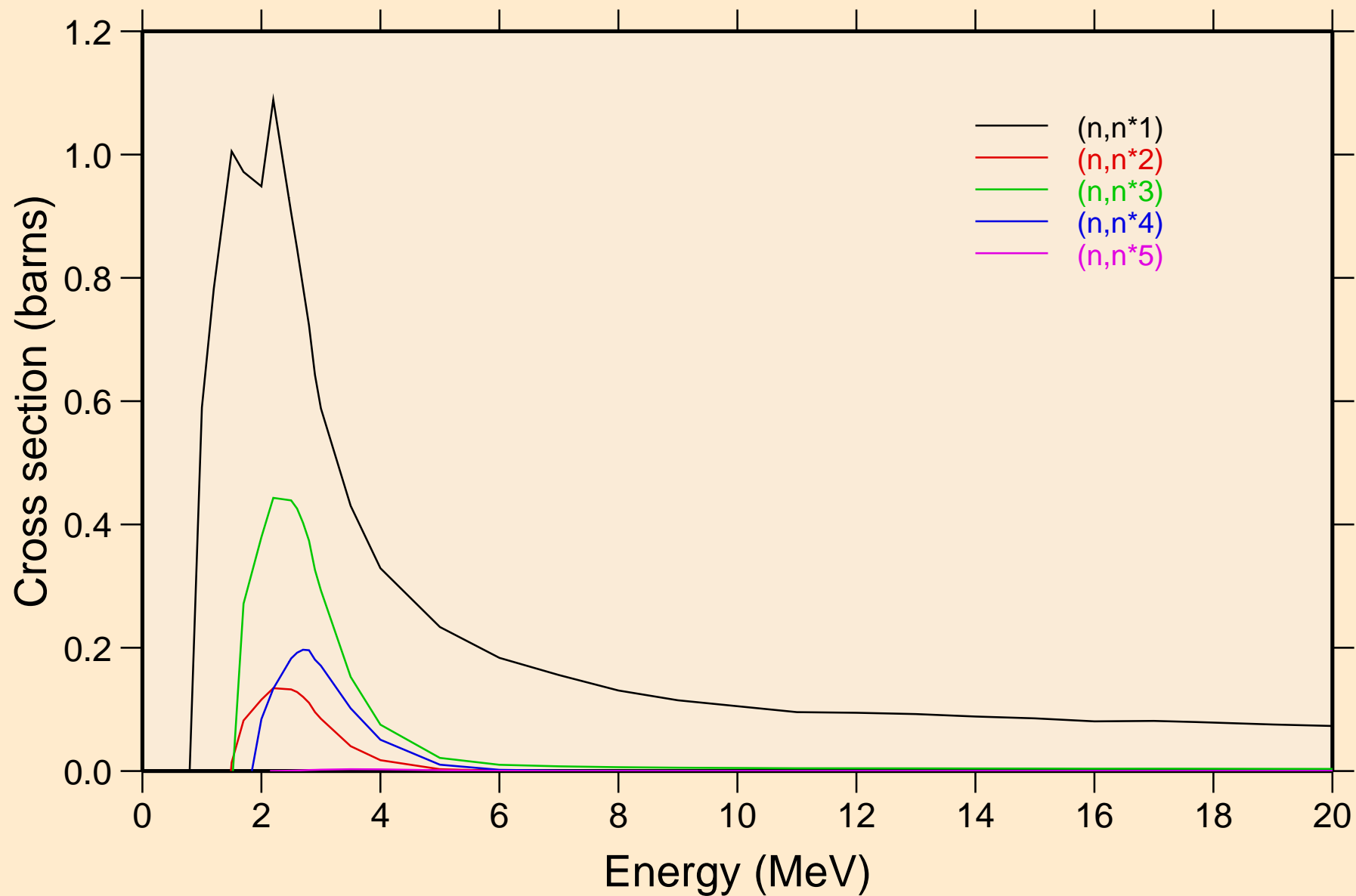
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Damage



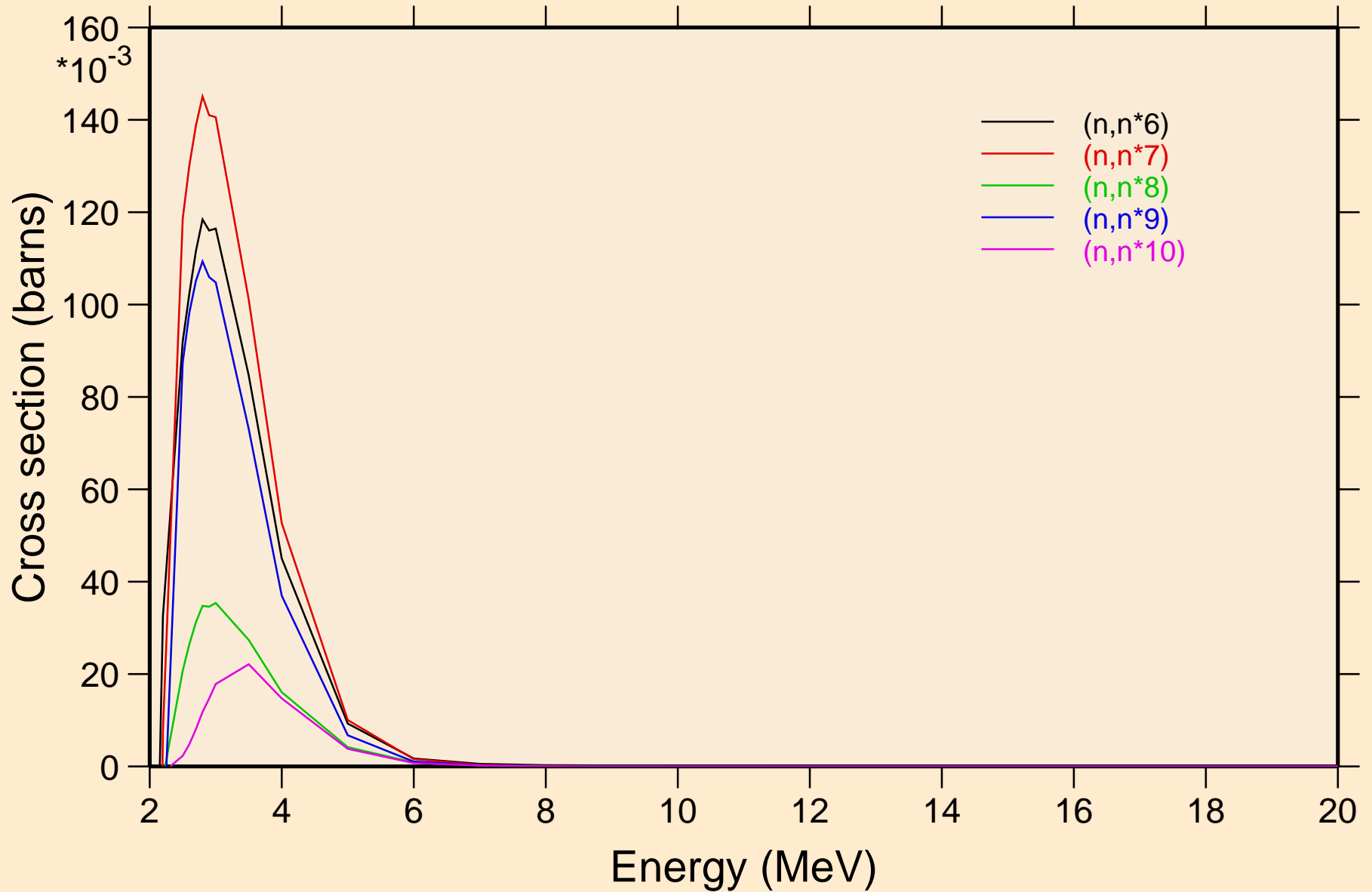
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Non-threshold reactions



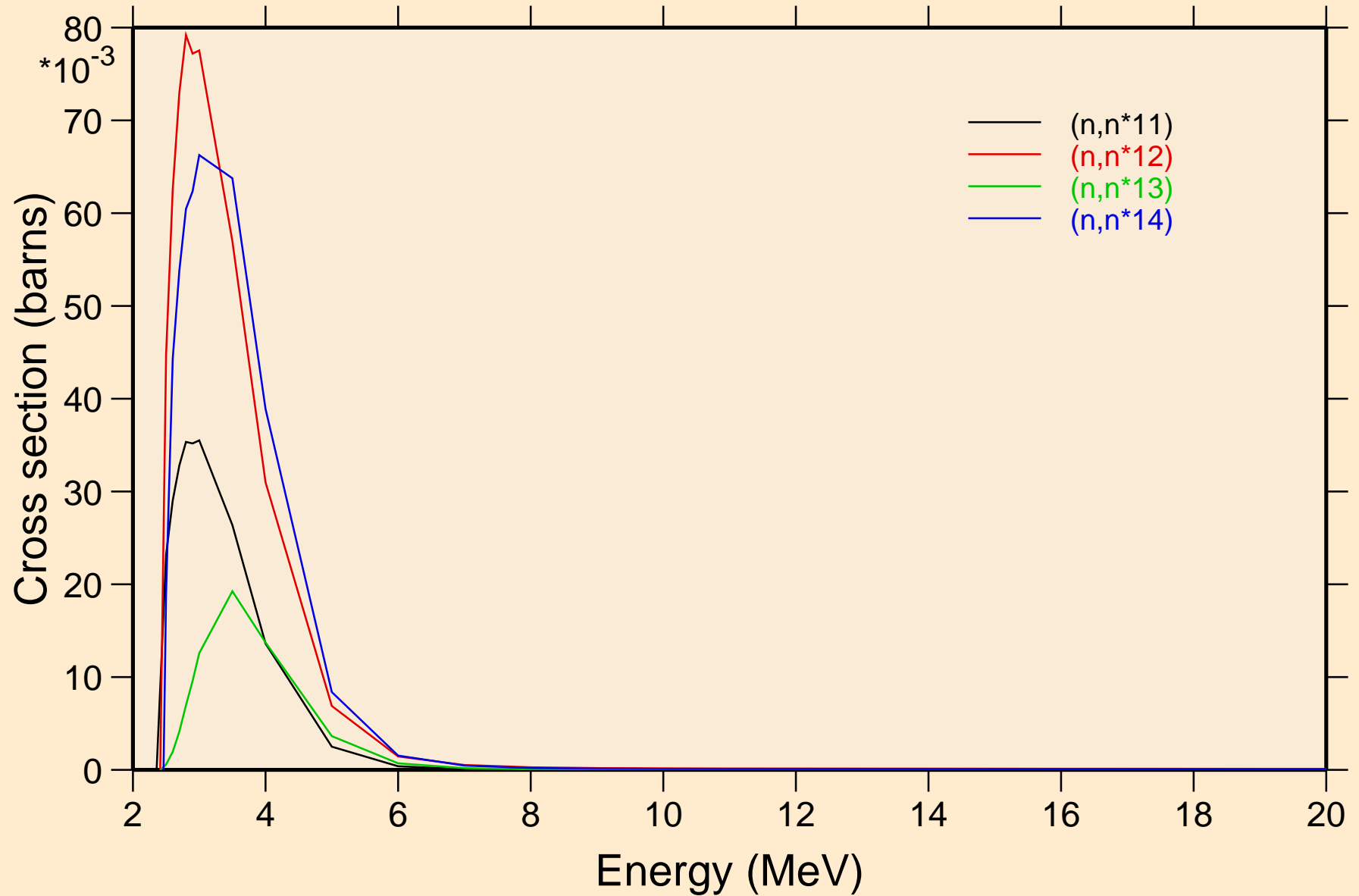
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Inelastic levels



58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Inelastic levels

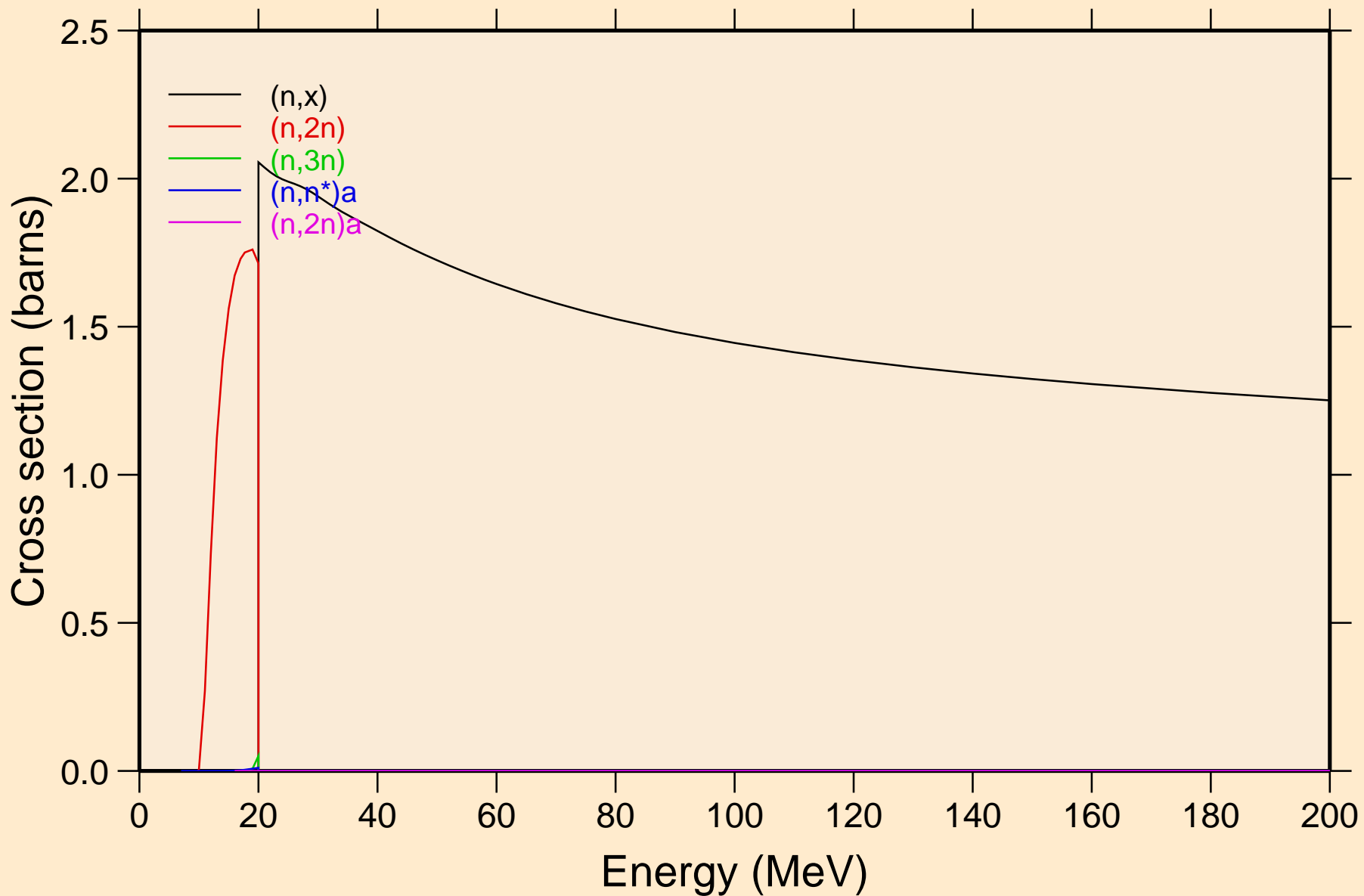


58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Inelastic levels



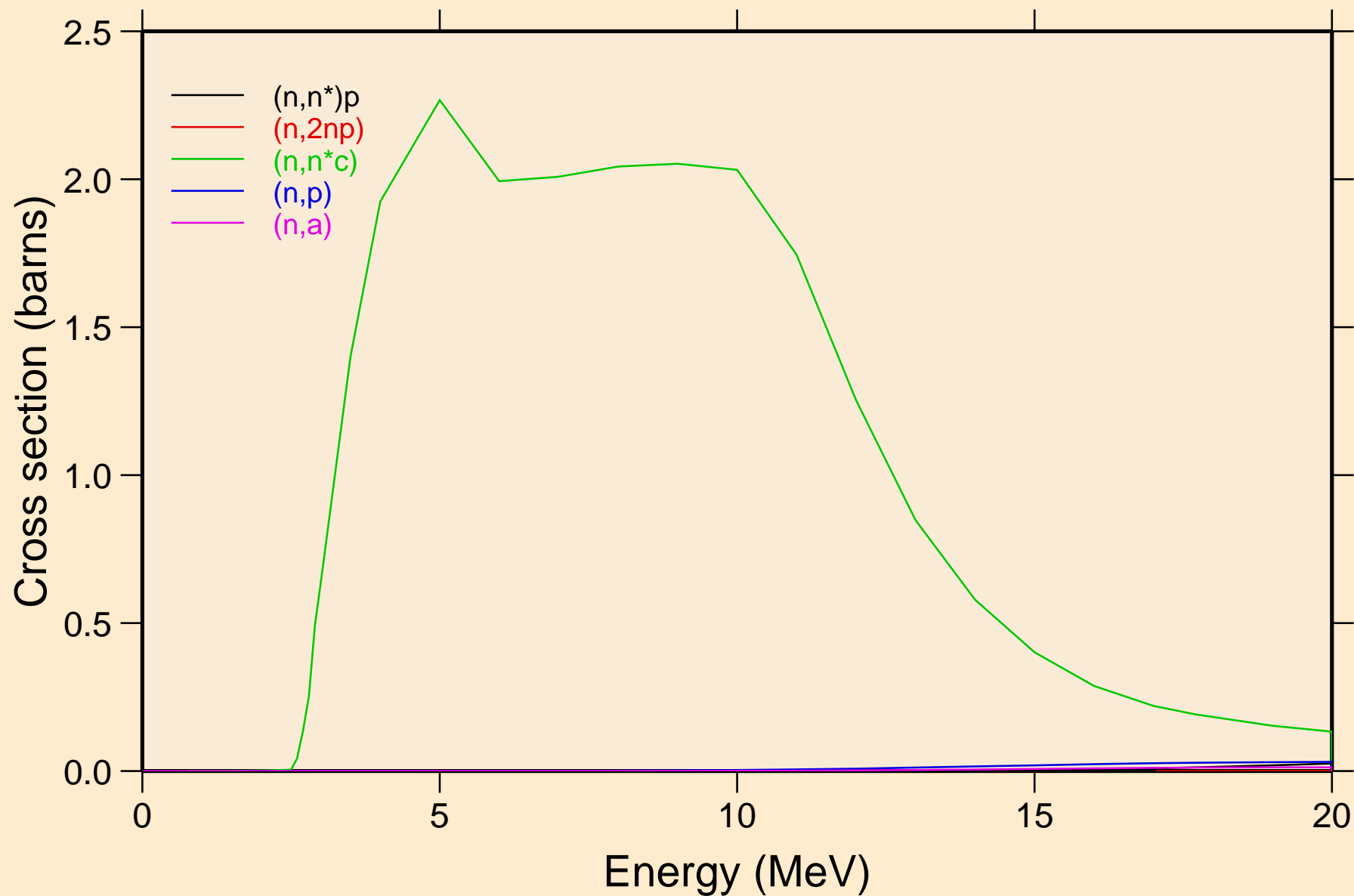


58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Threshold reactions

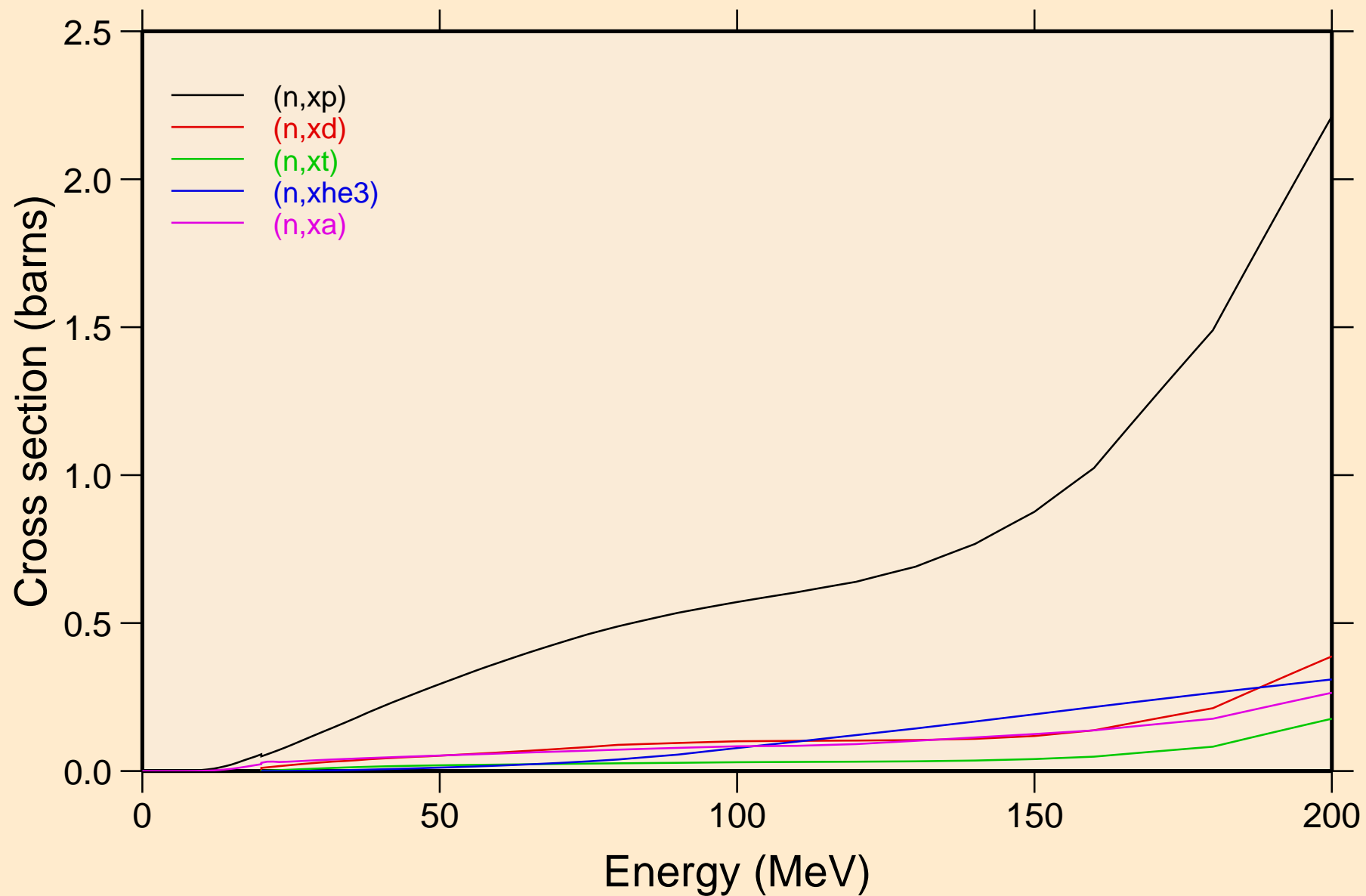


# 58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60

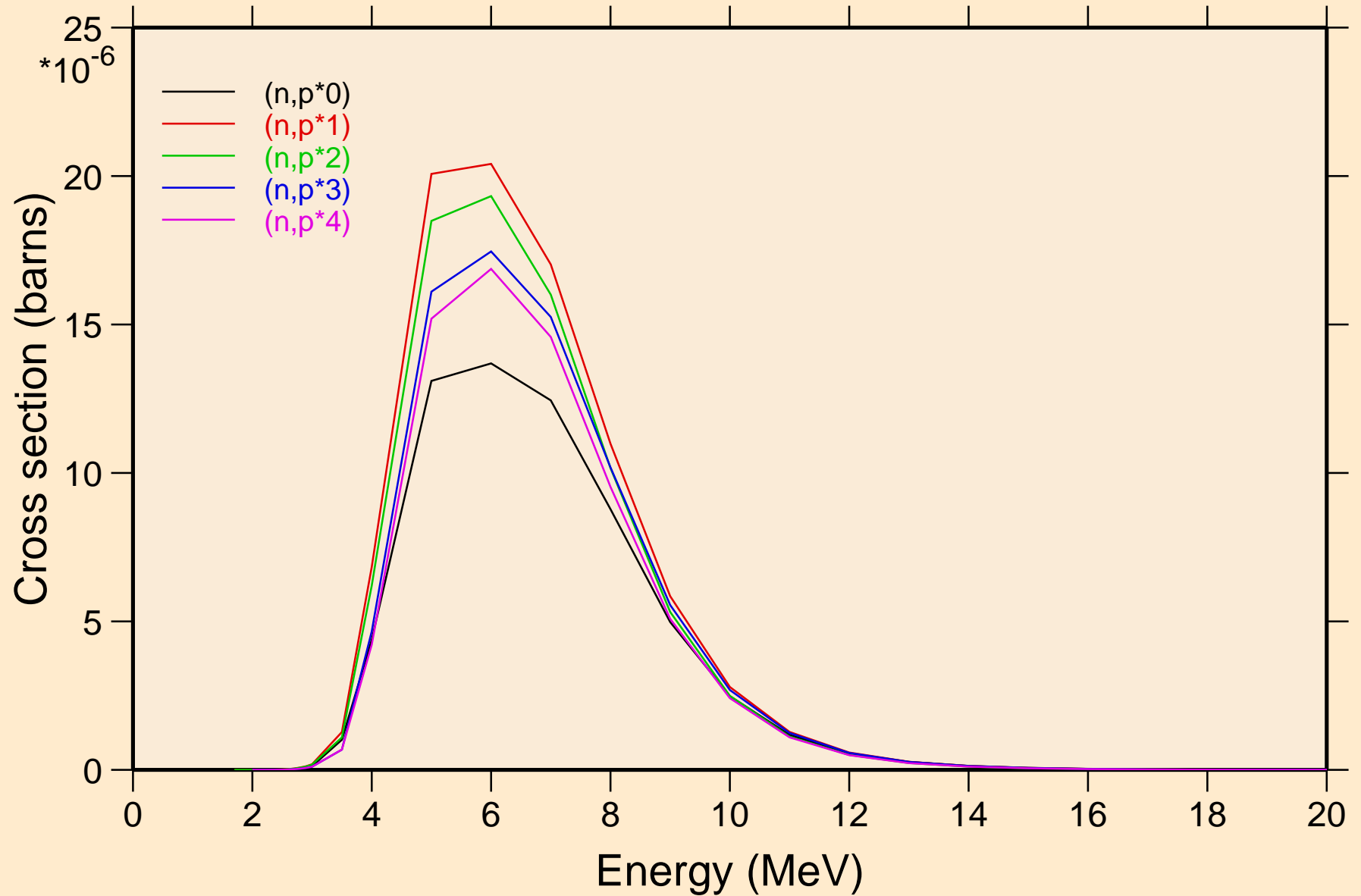
## Threshold reactions



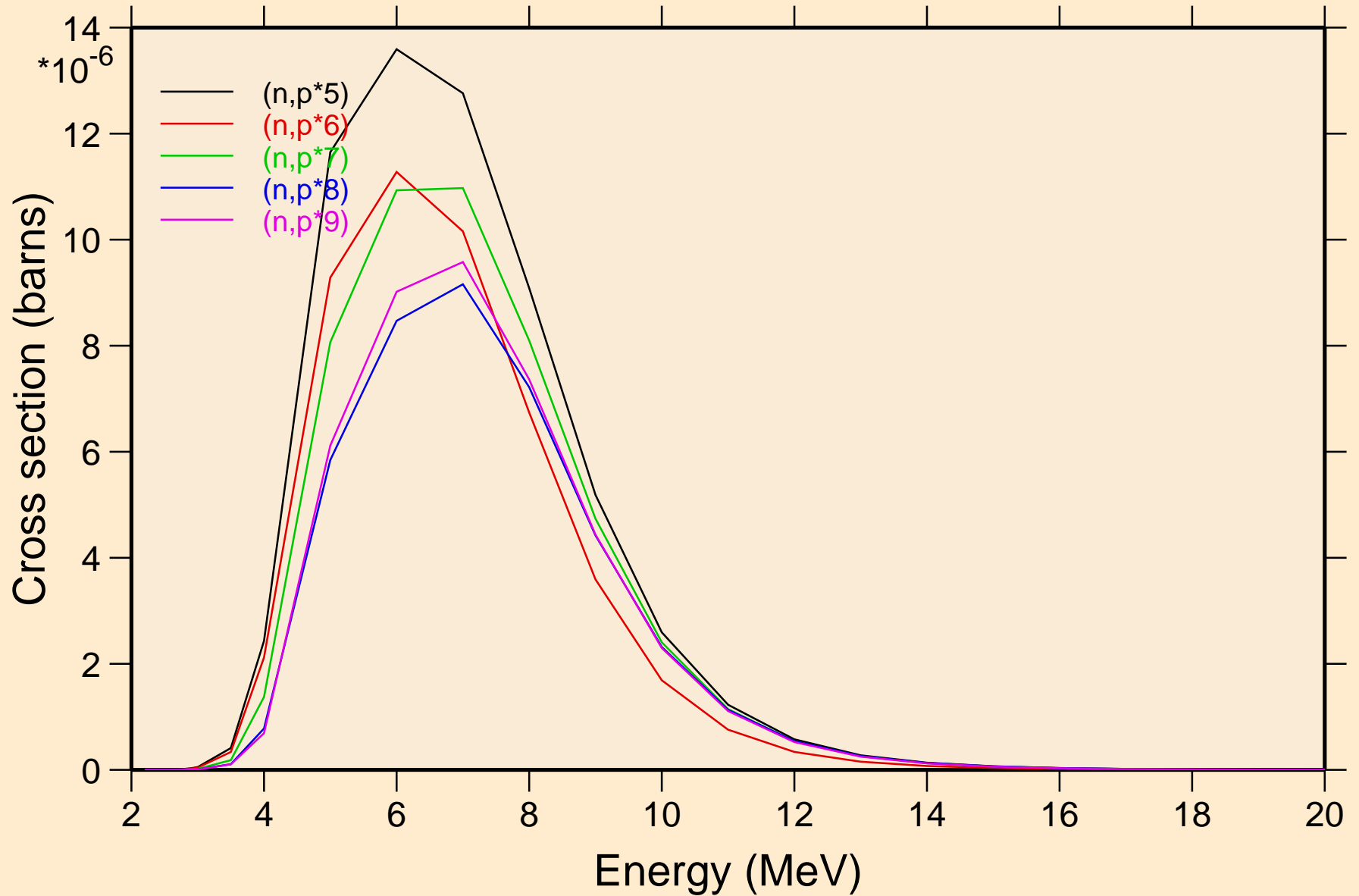
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Threshold reactions



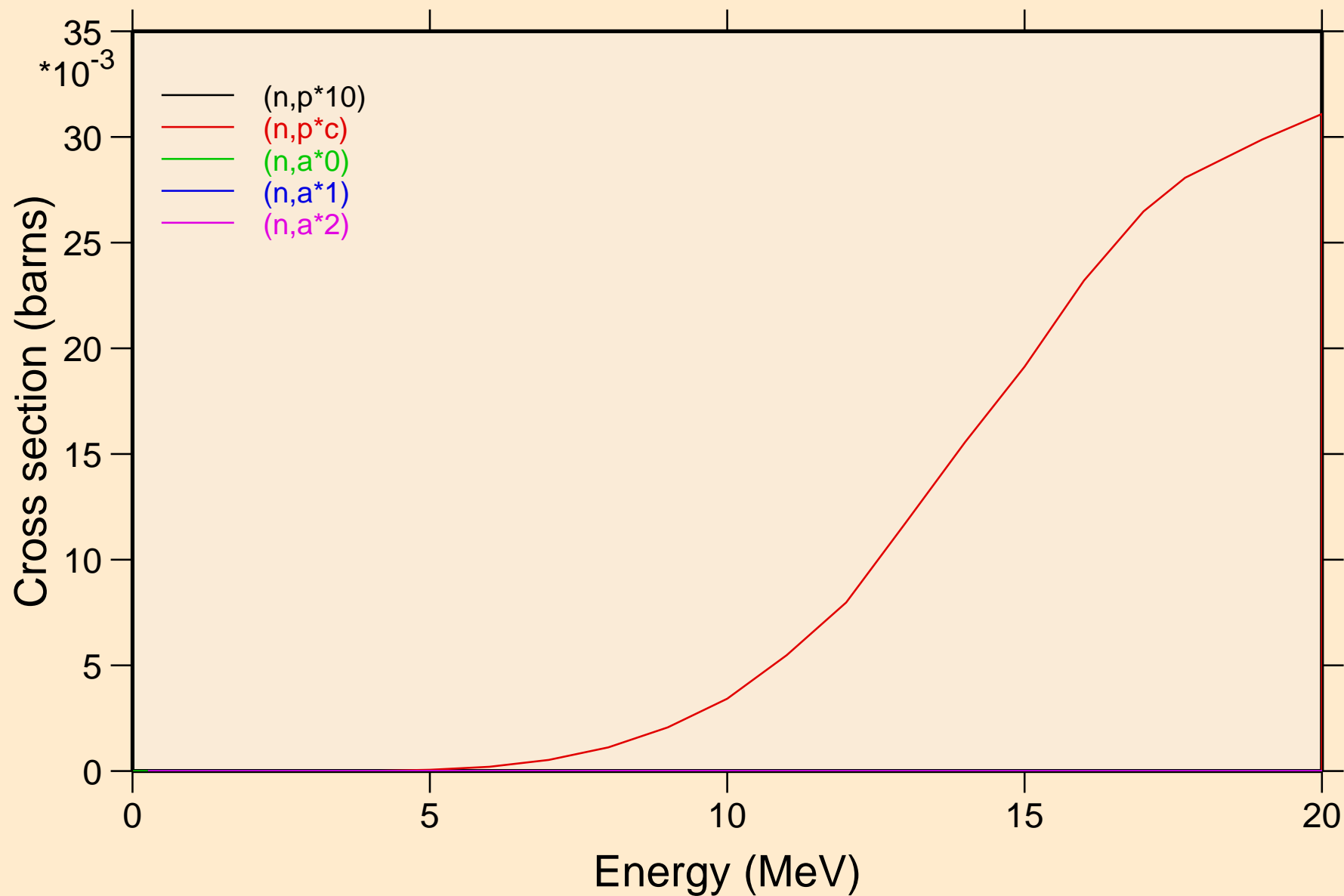
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Threshold reactions



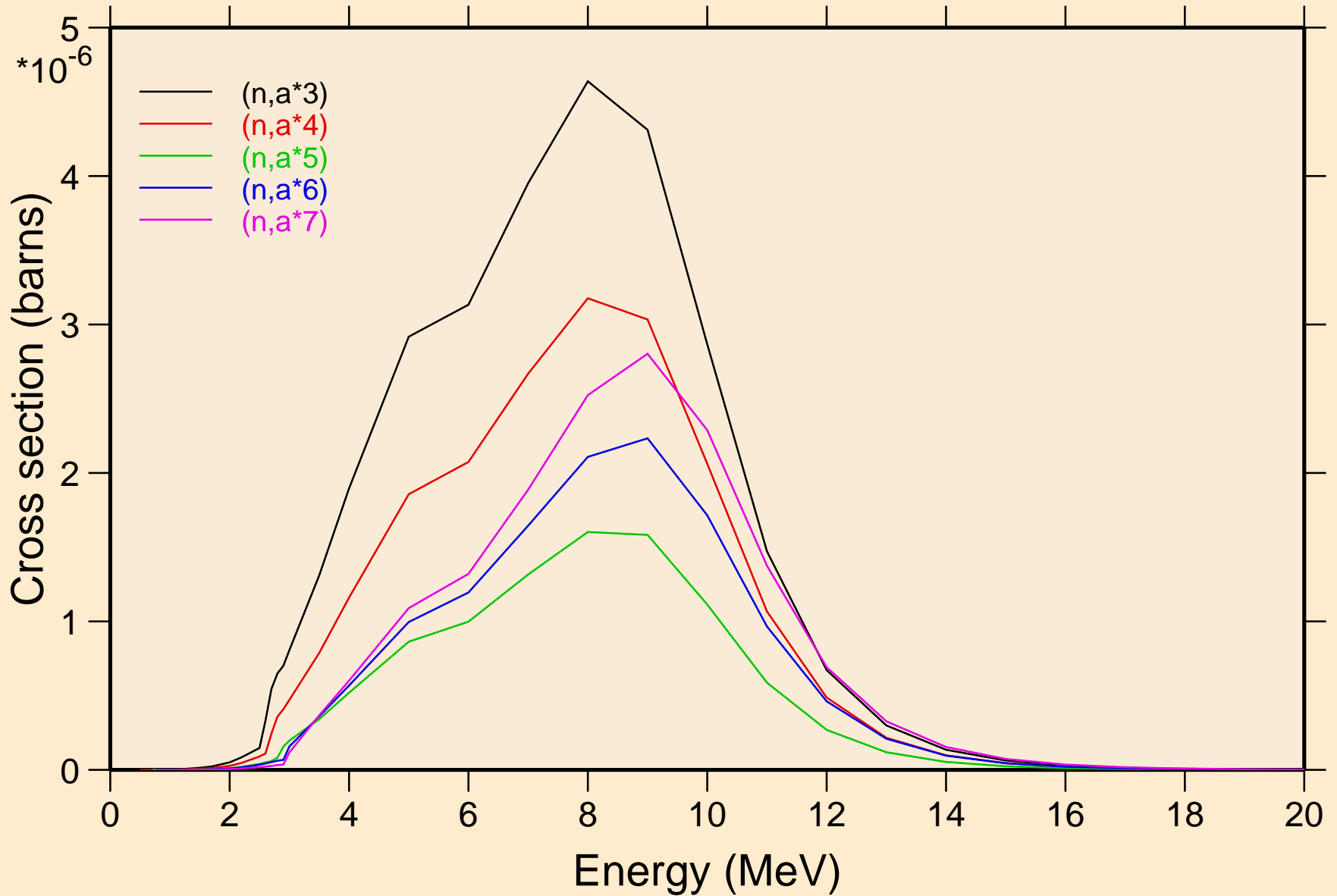
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Threshold reactions



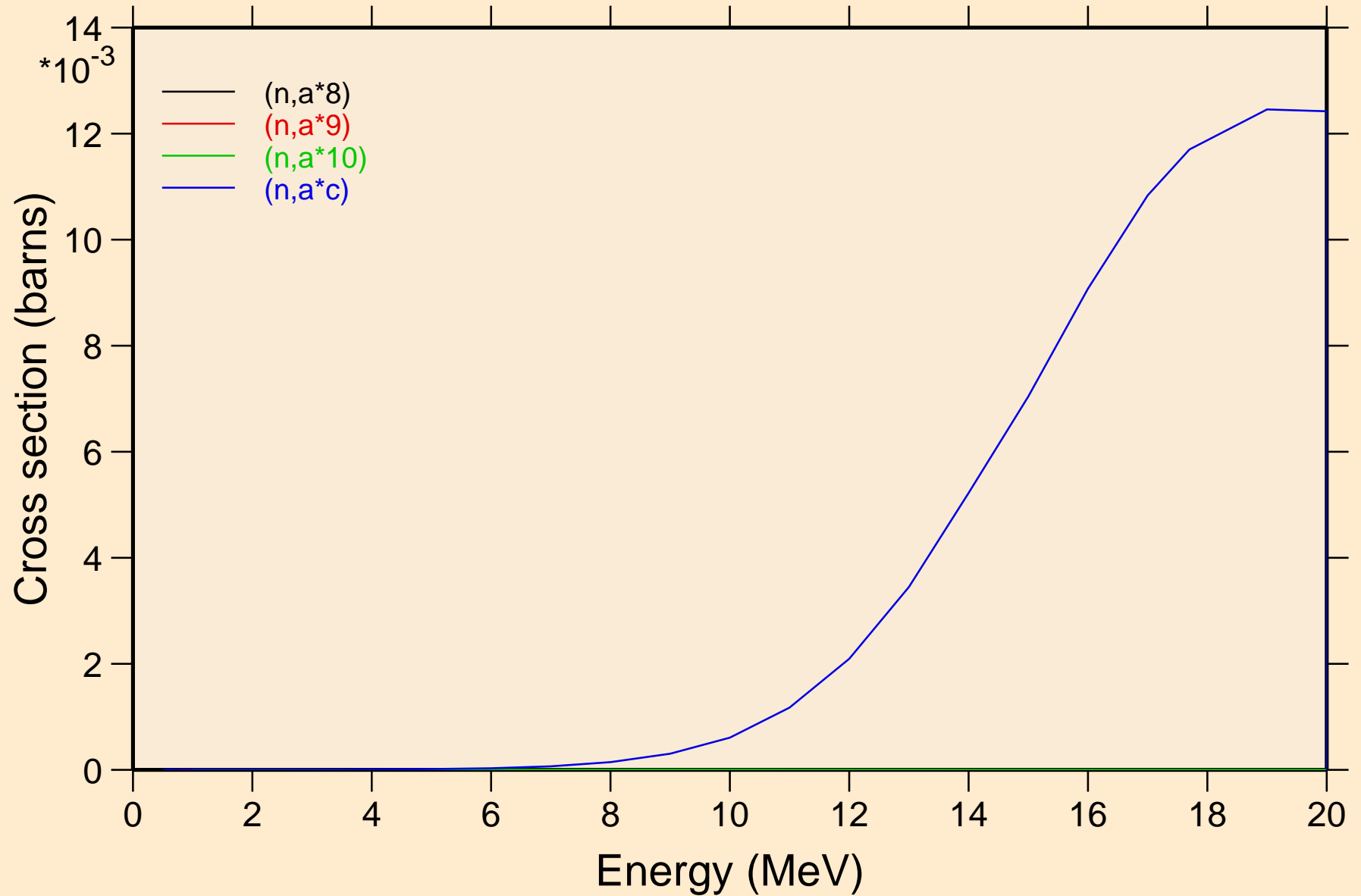
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Threshold reactions



58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Threshold reactions

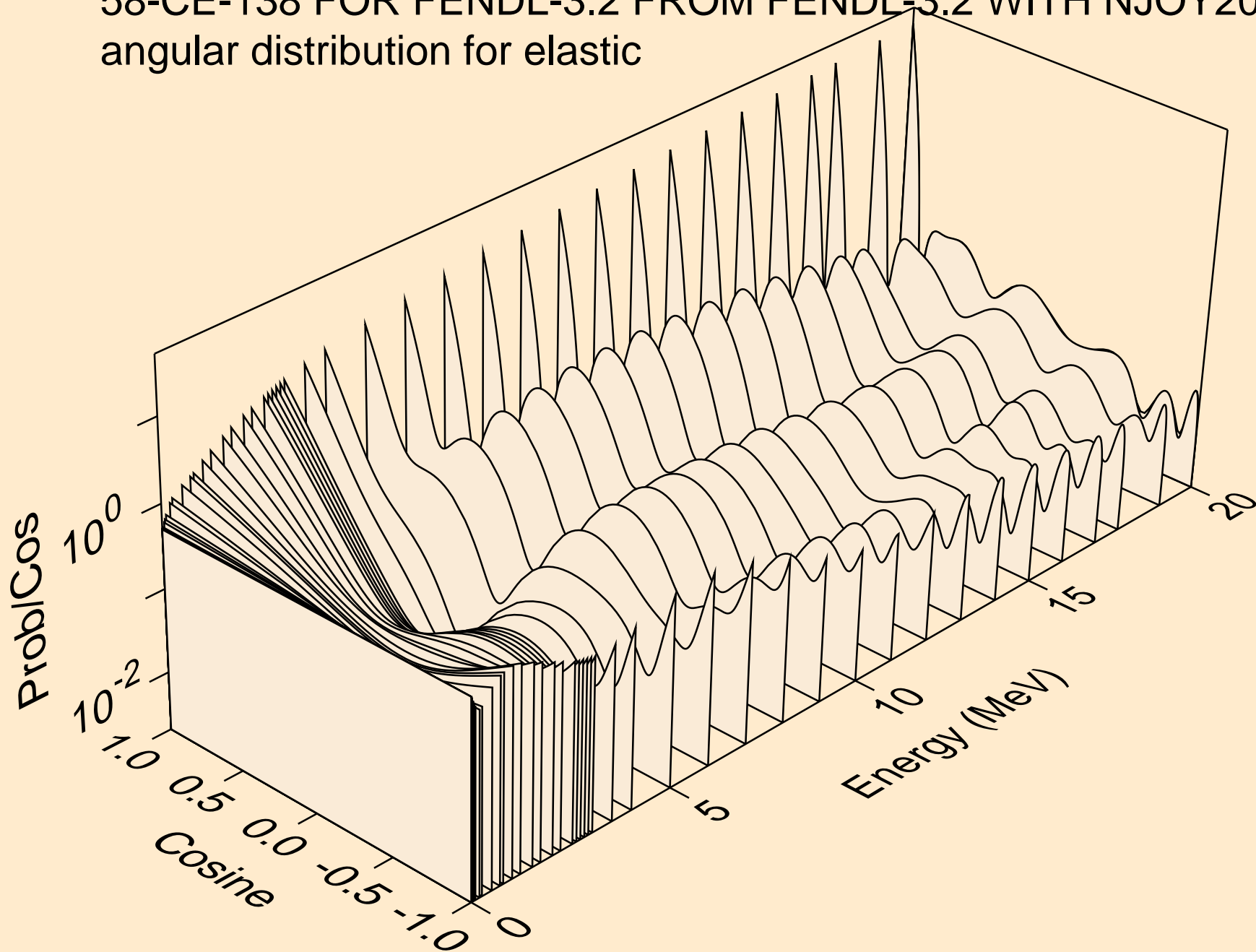


58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Threshold reactions

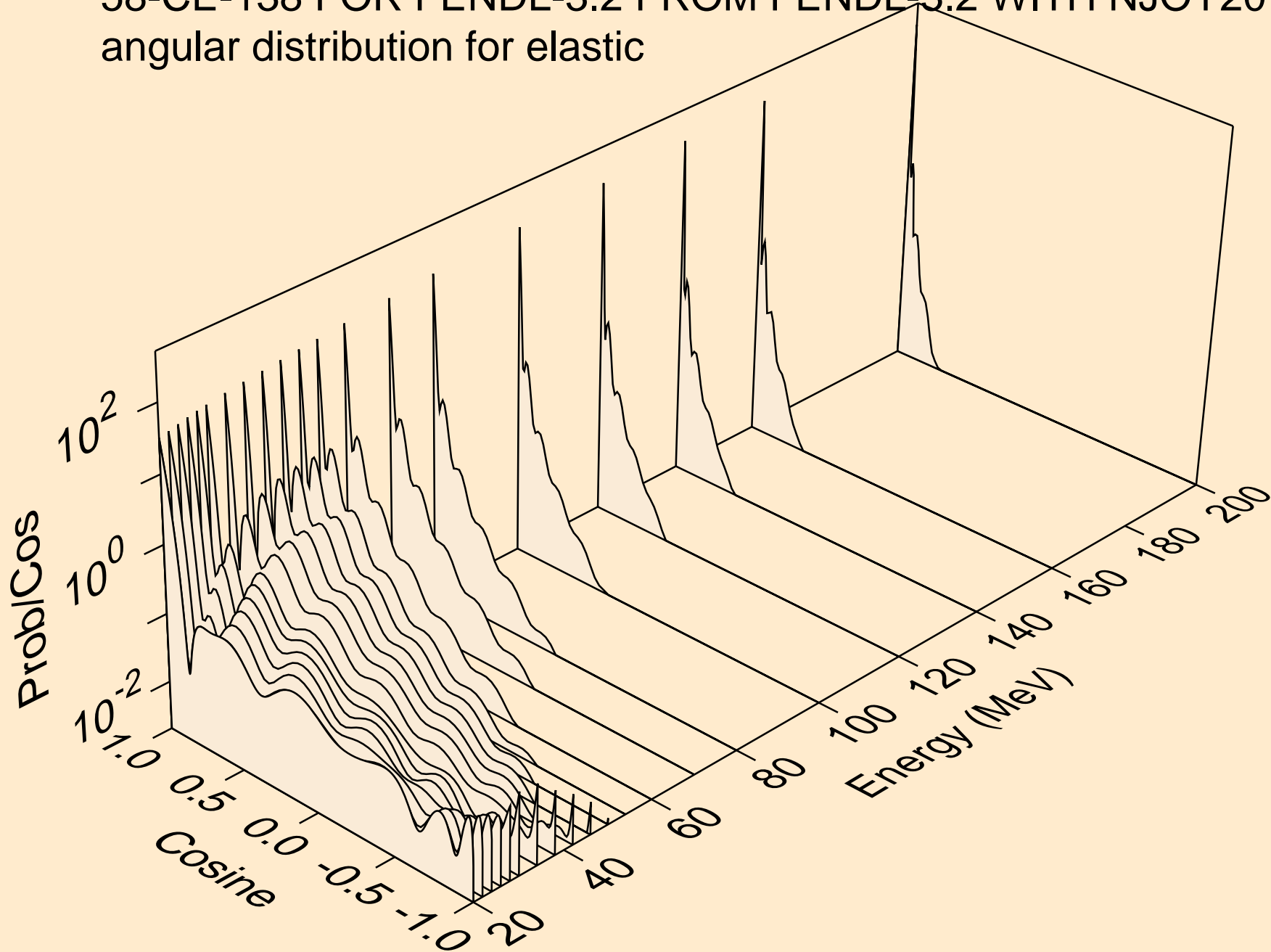




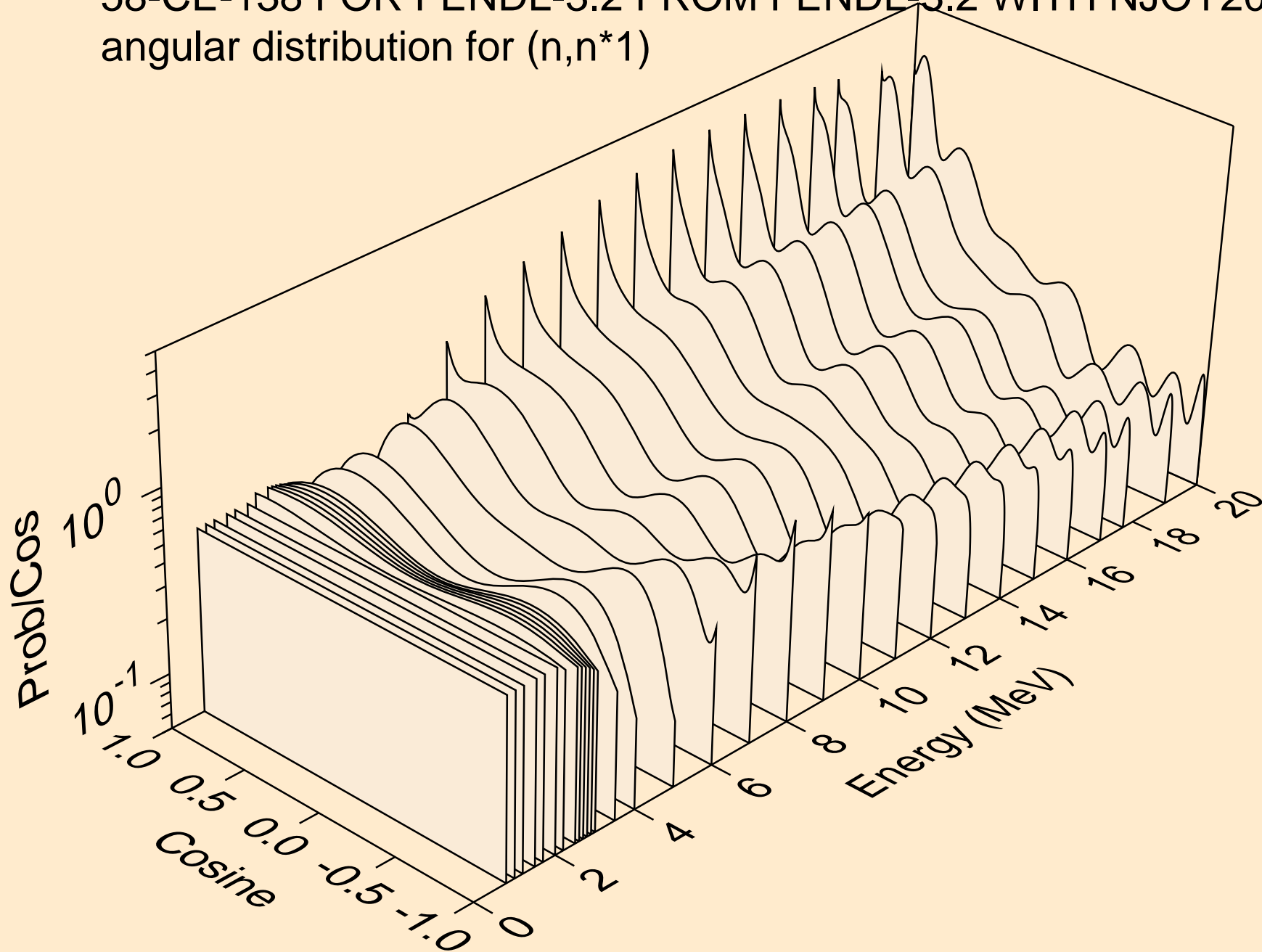
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for elastic



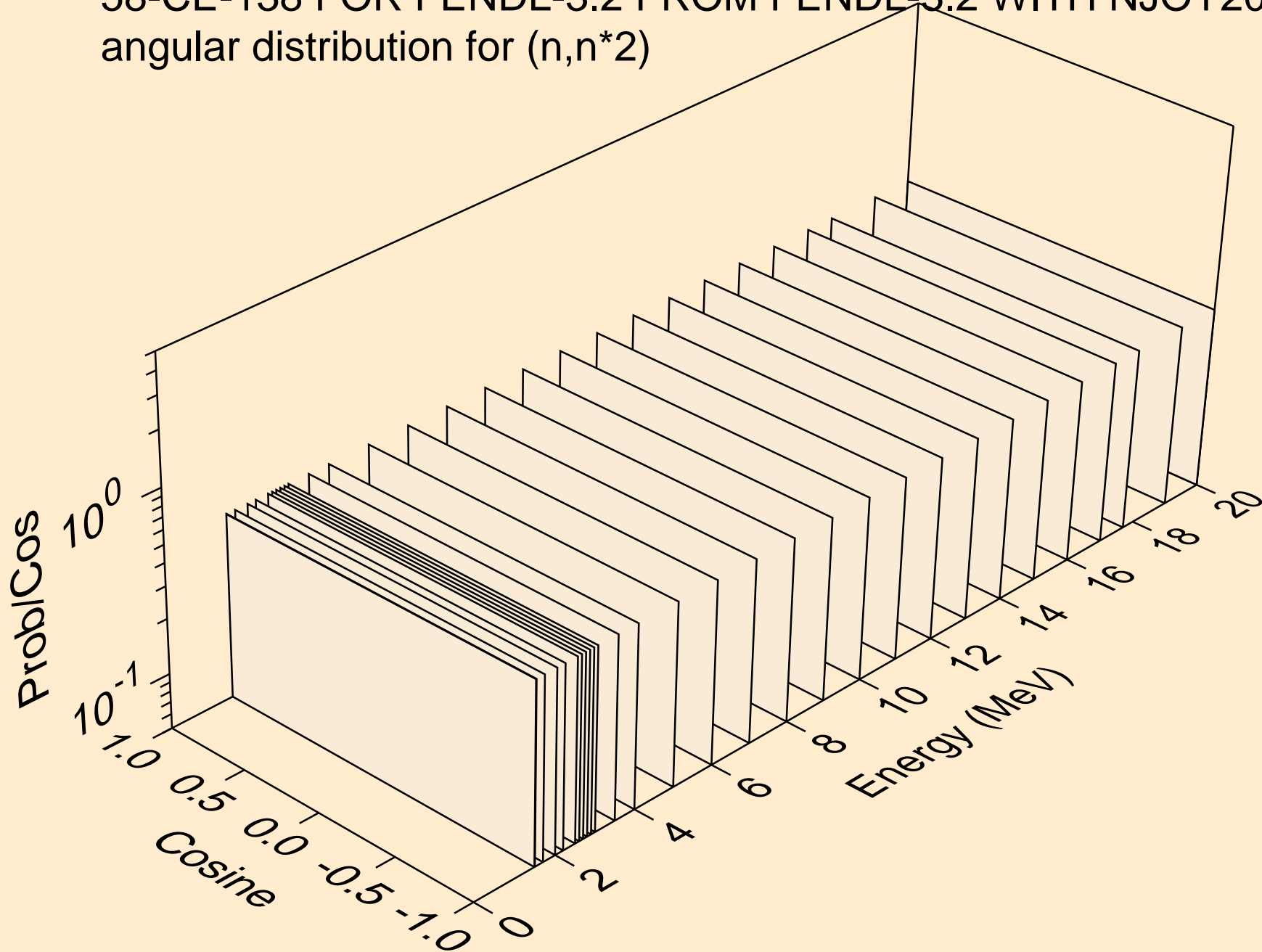
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for elastic



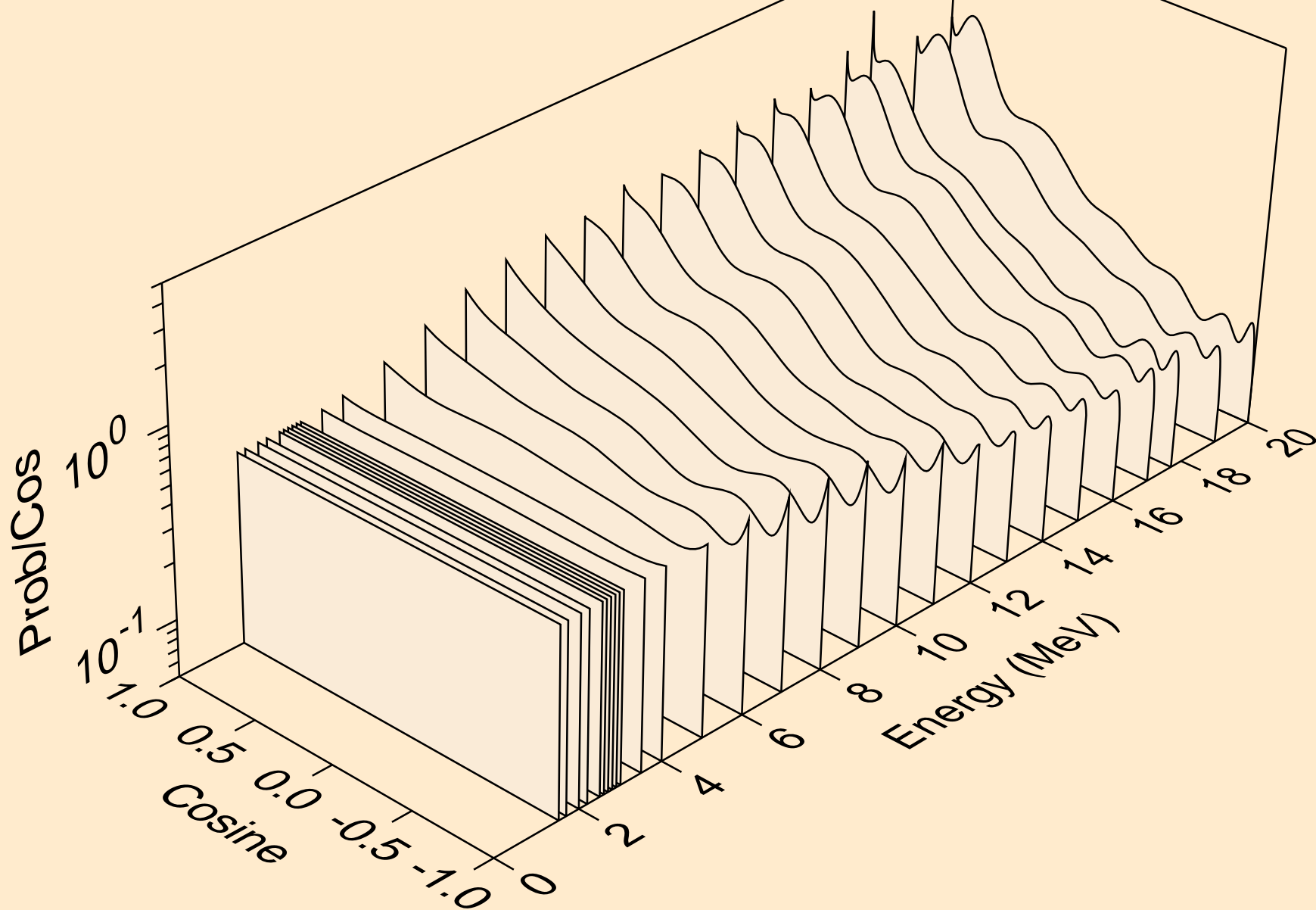
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*1)



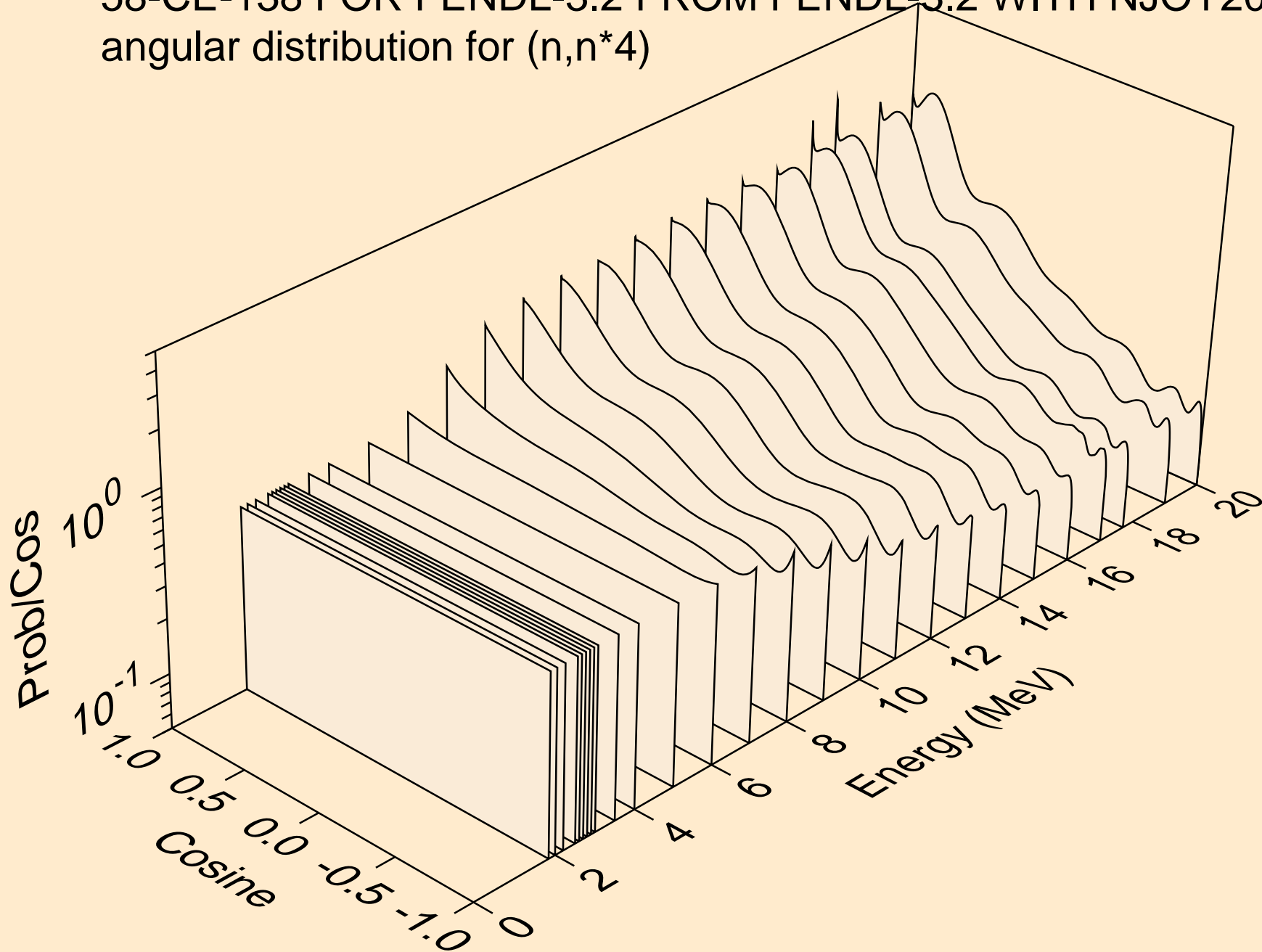
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*2)



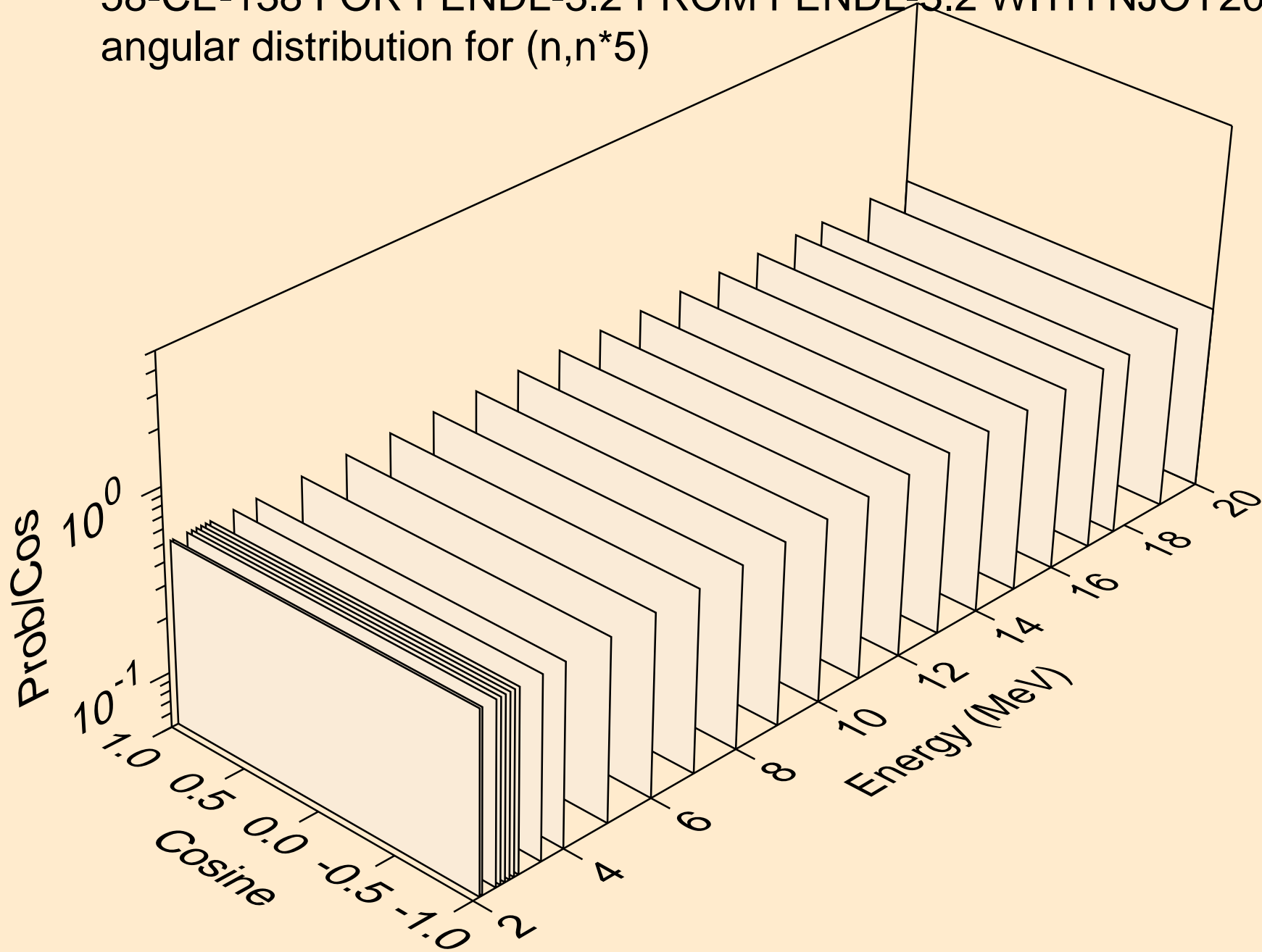
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*3)



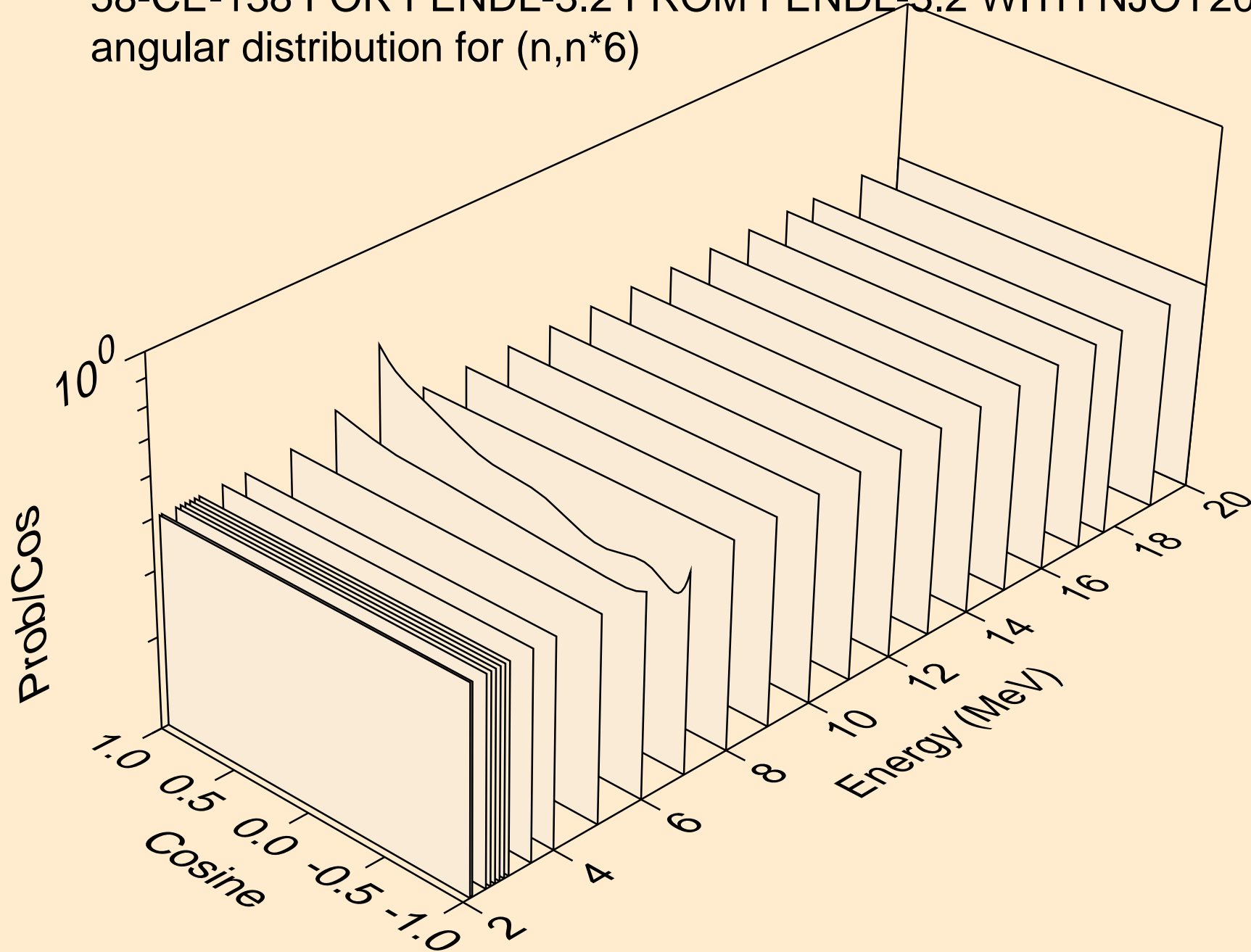
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*4)



58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*5)

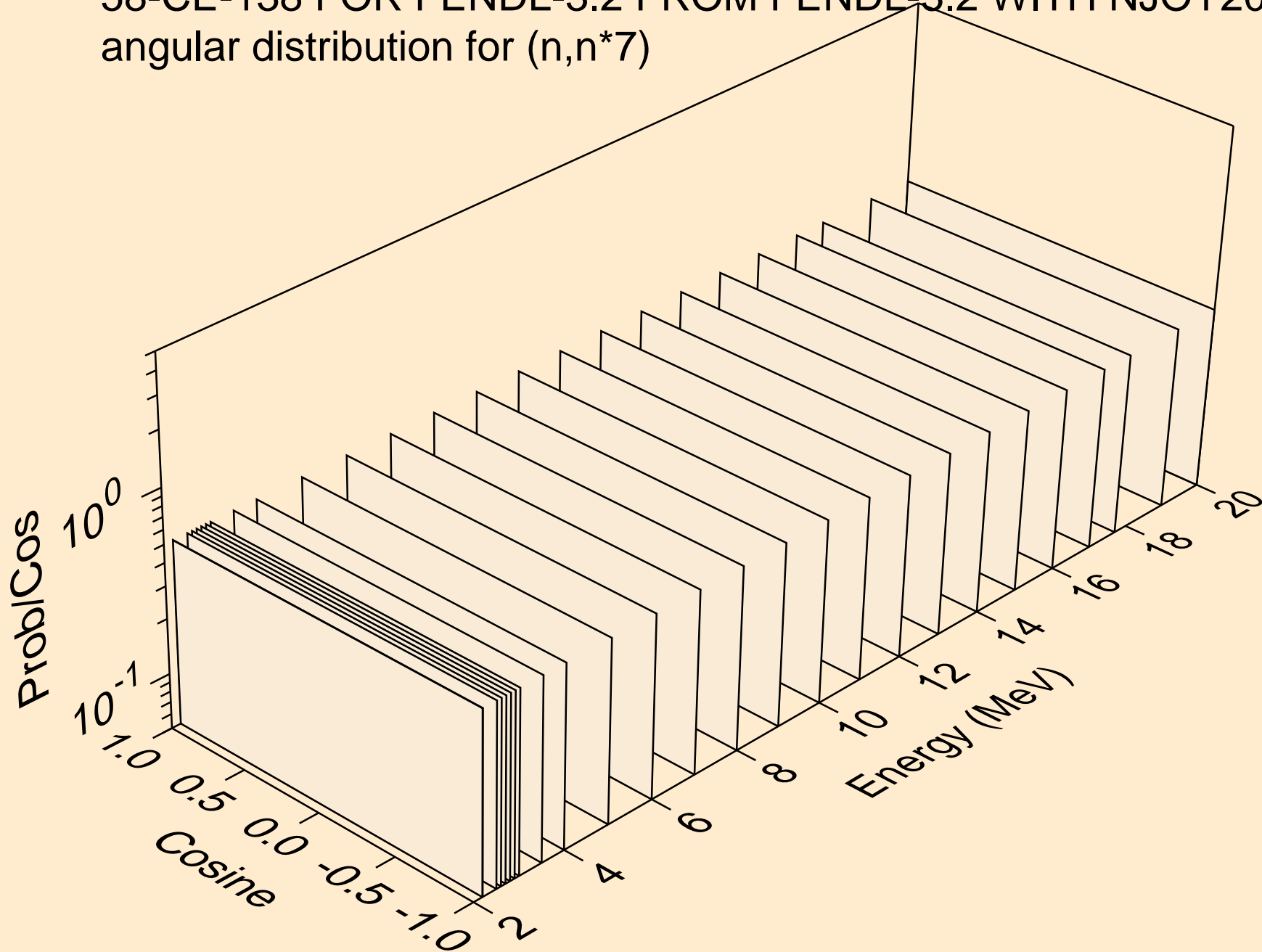


58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*6)

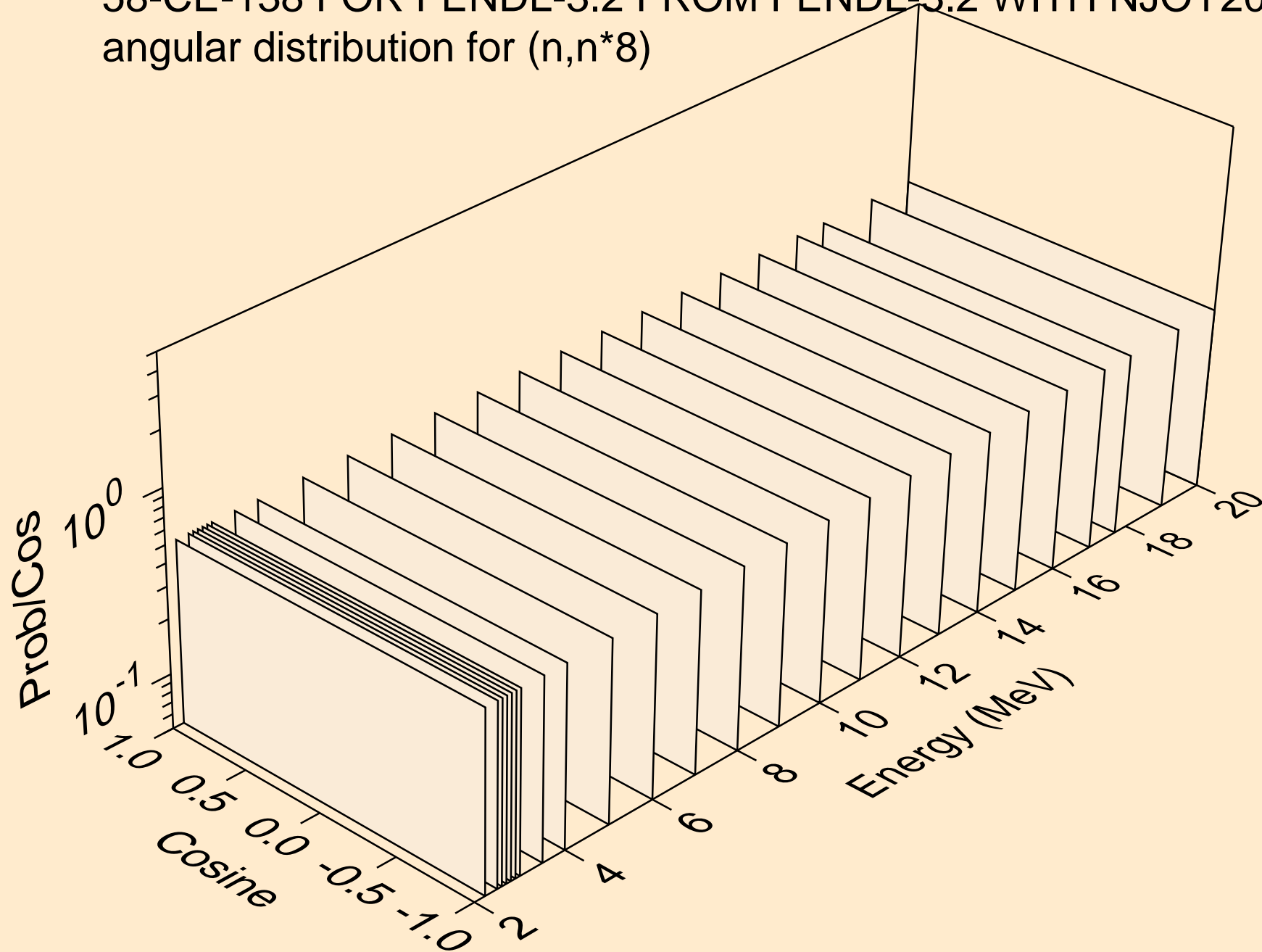




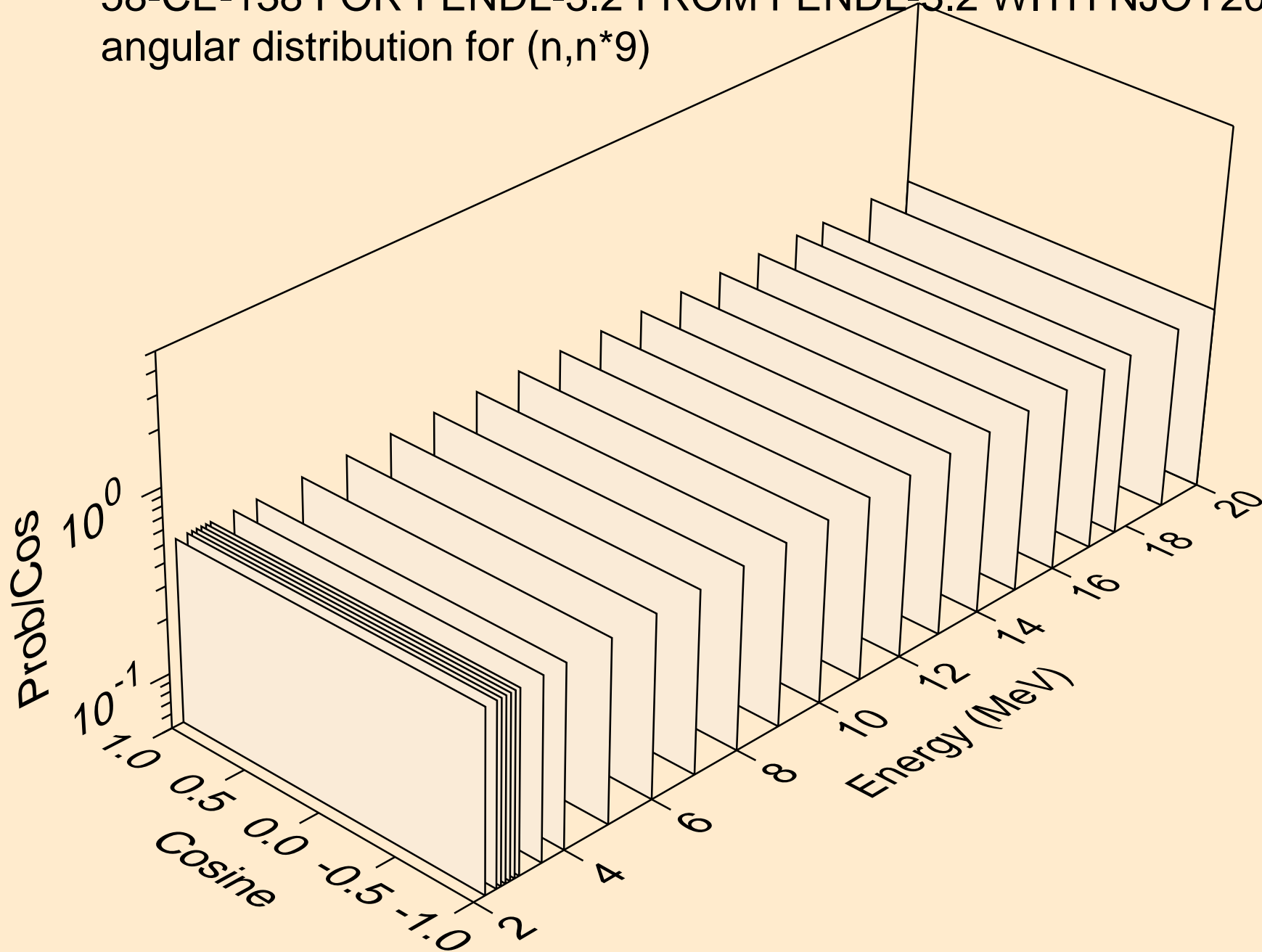
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*7)



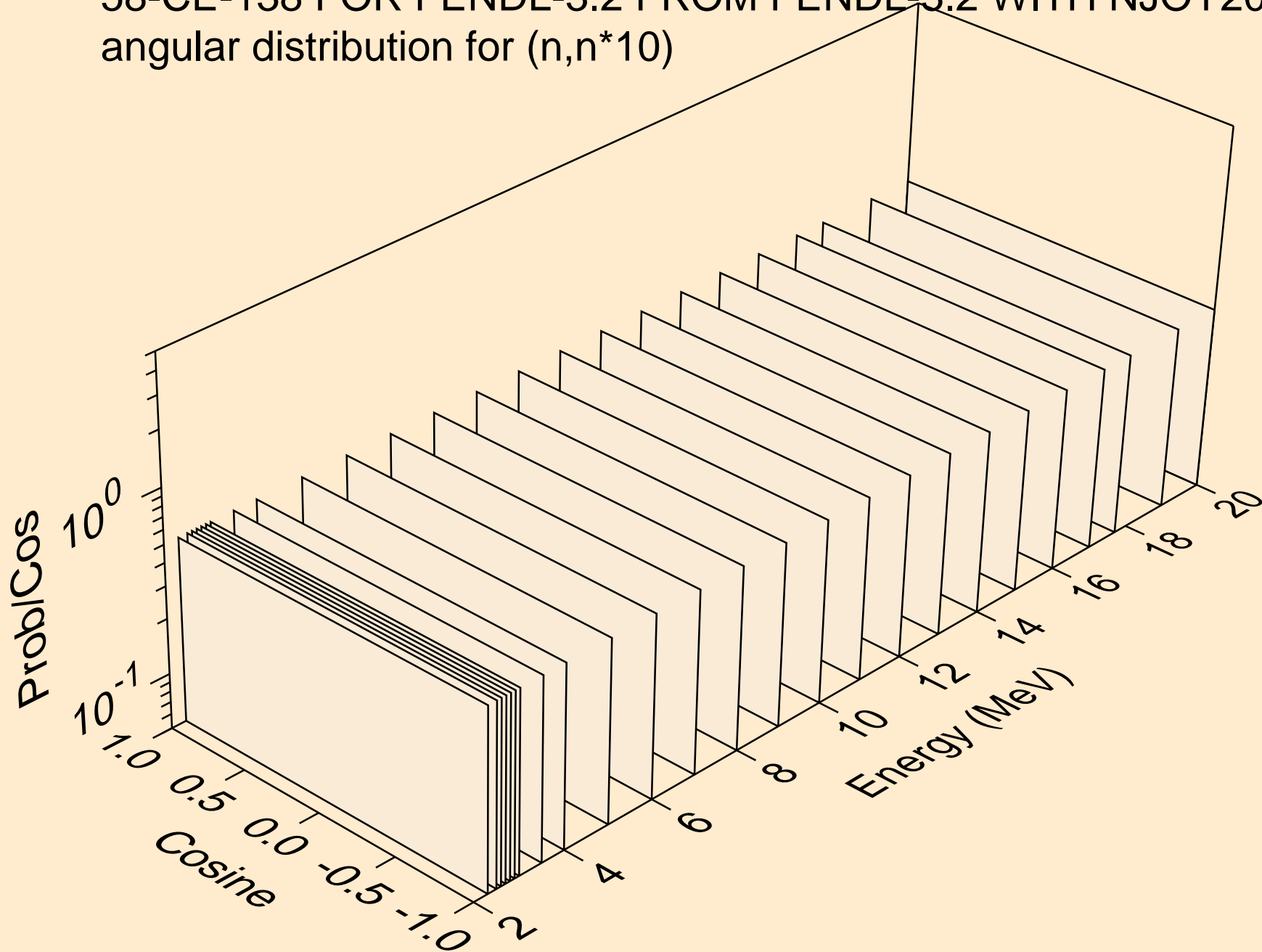
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*8)



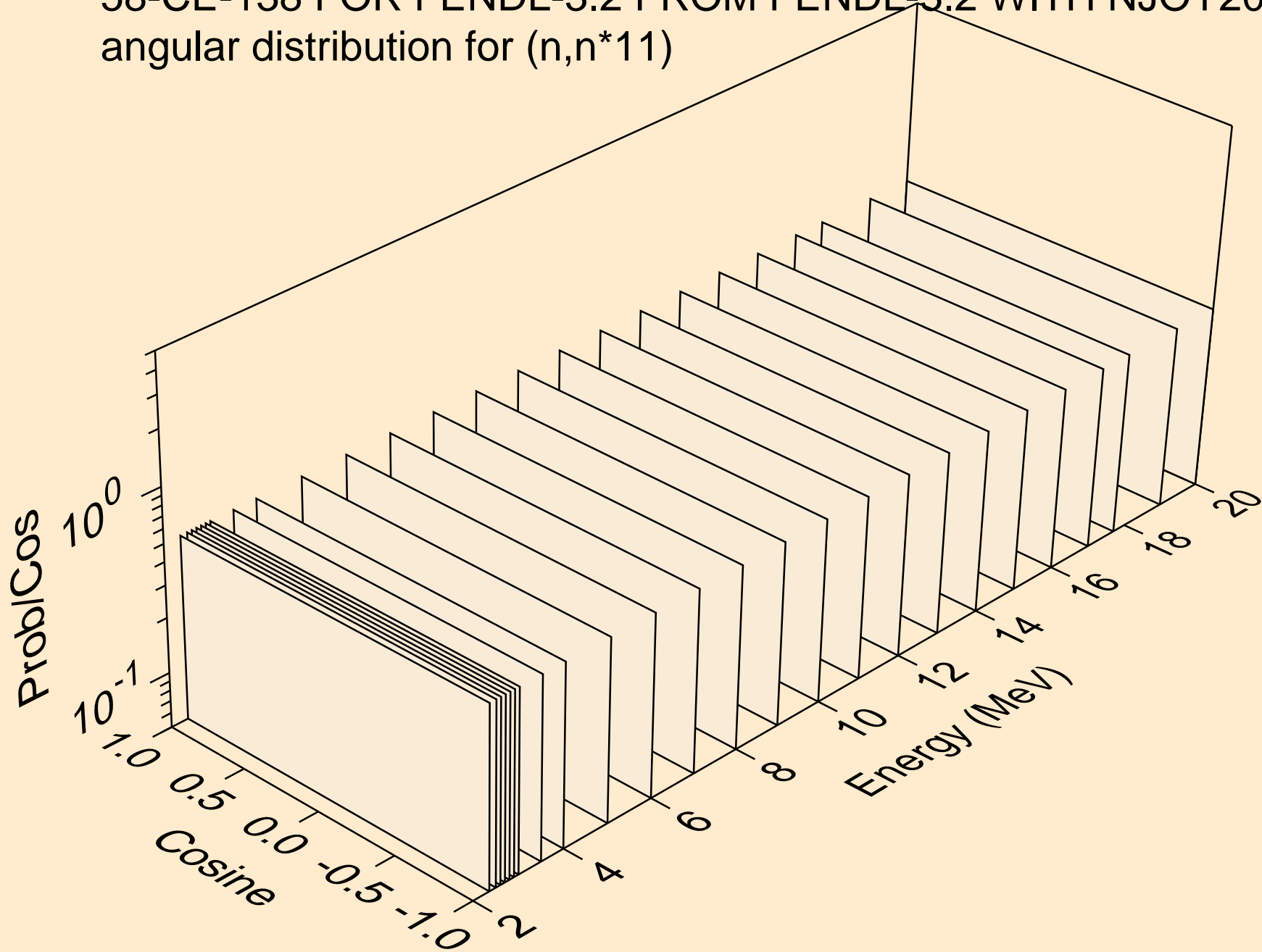
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*9)



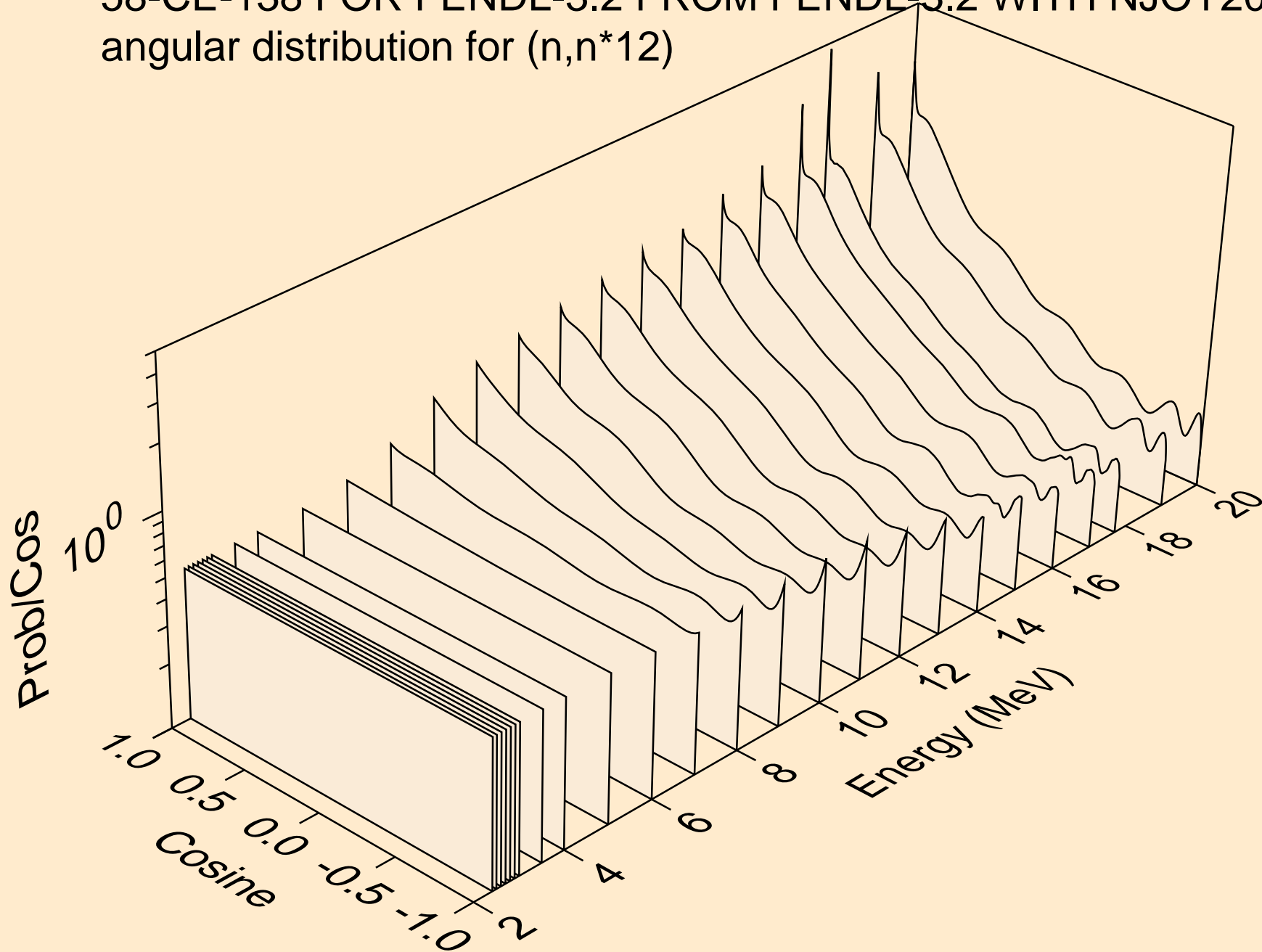
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*10)



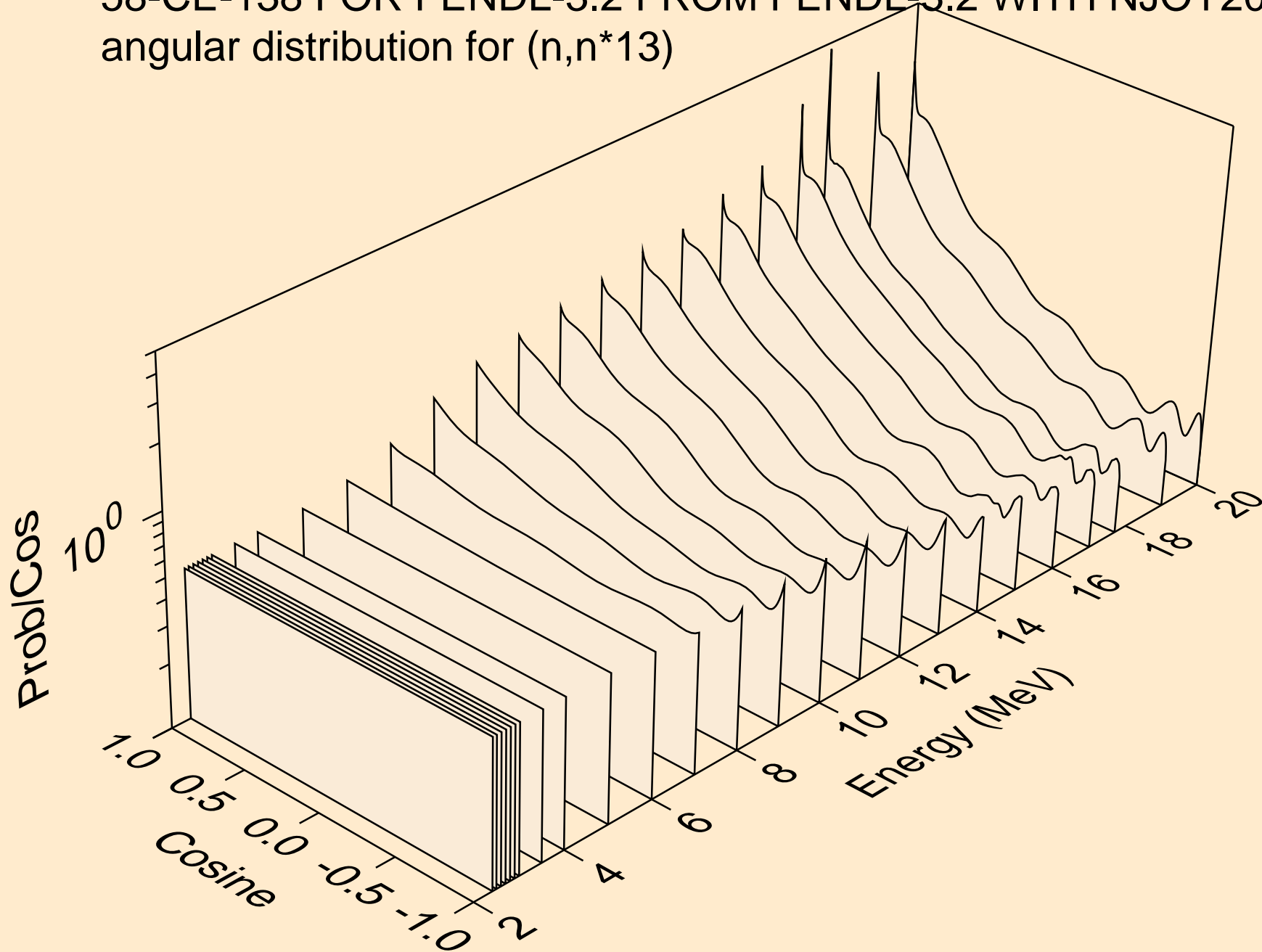
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*11)



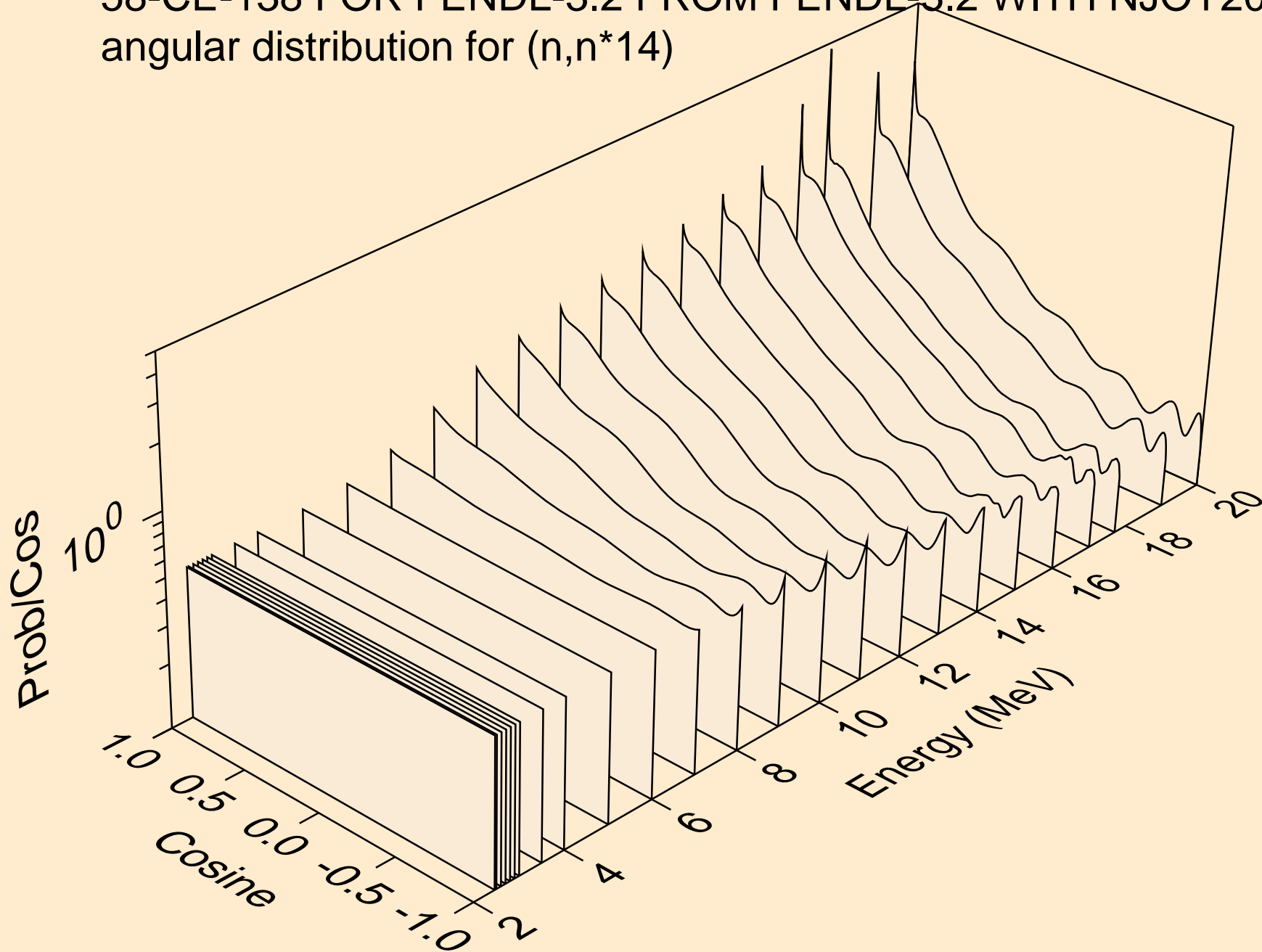
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*12)



58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*13)

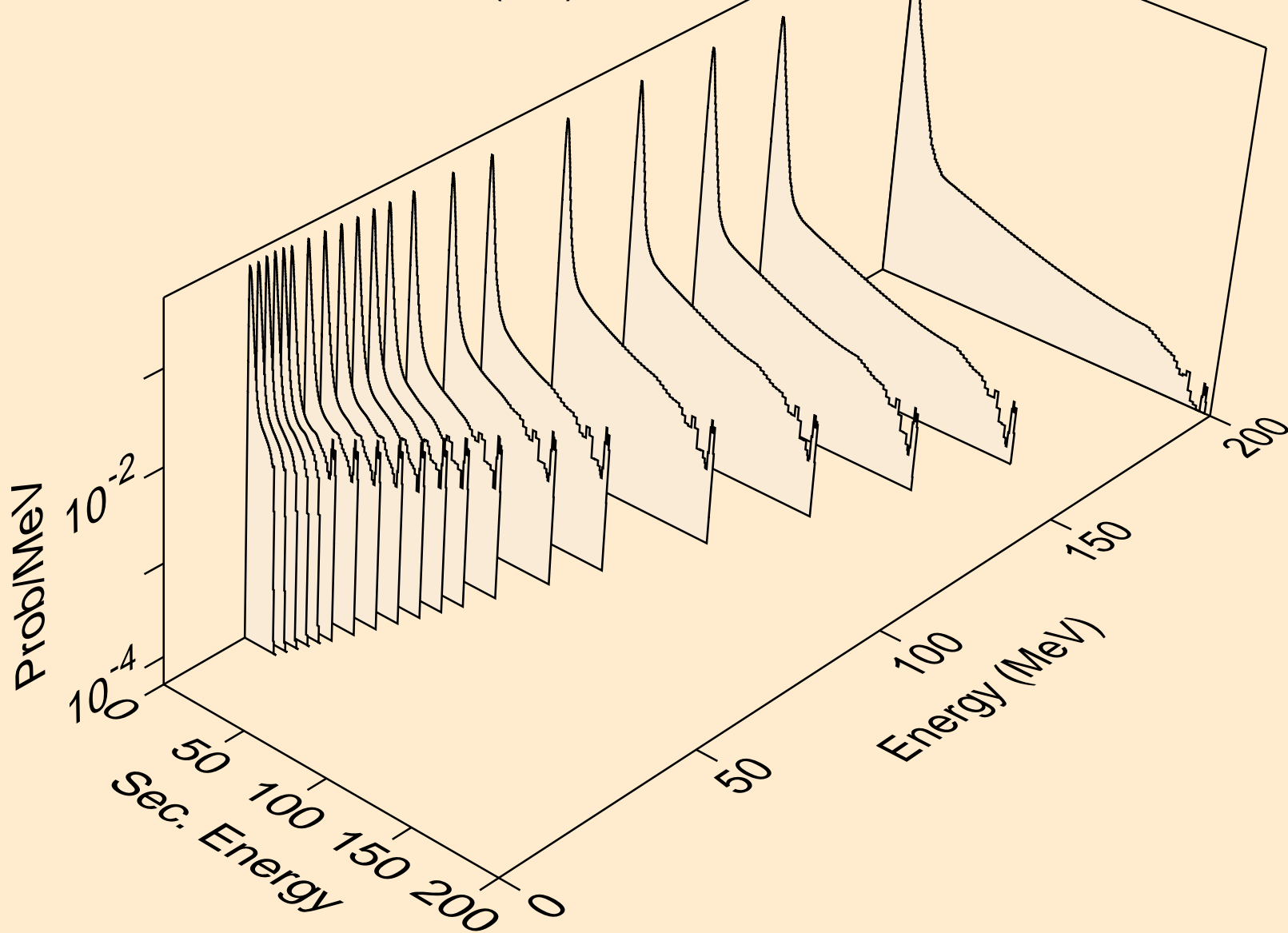


58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,n\*14)

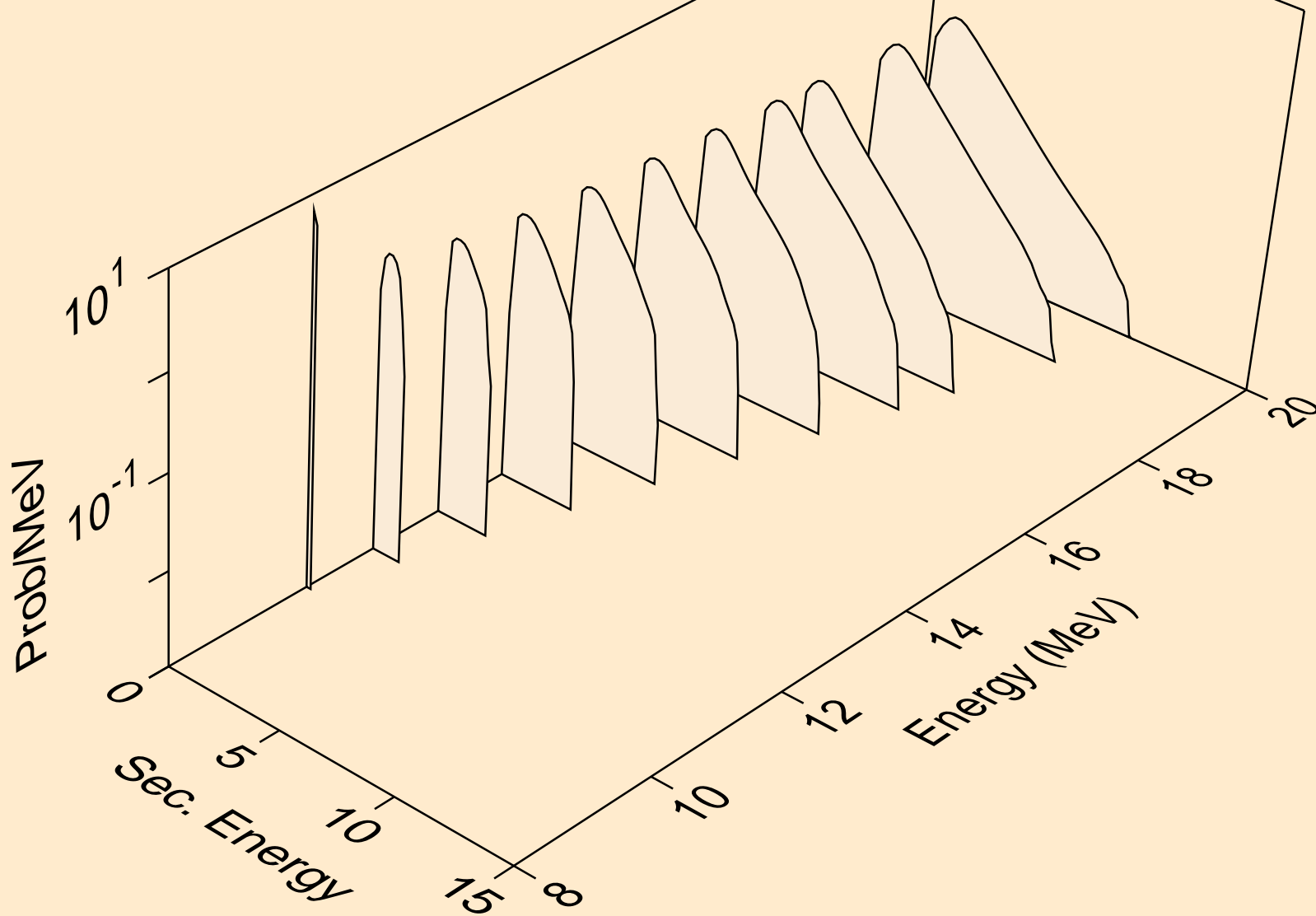




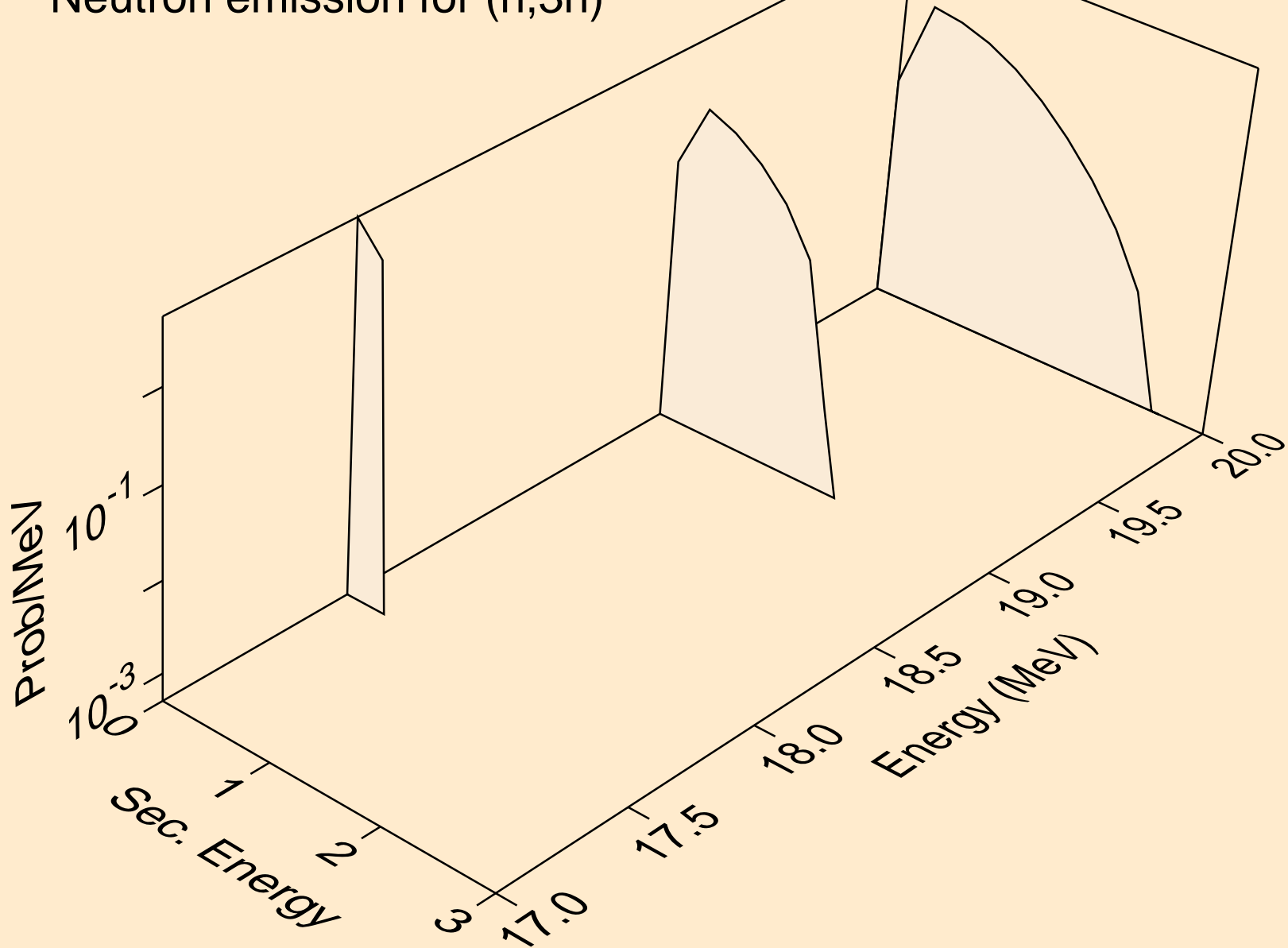
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Neutron emission for (n,x)



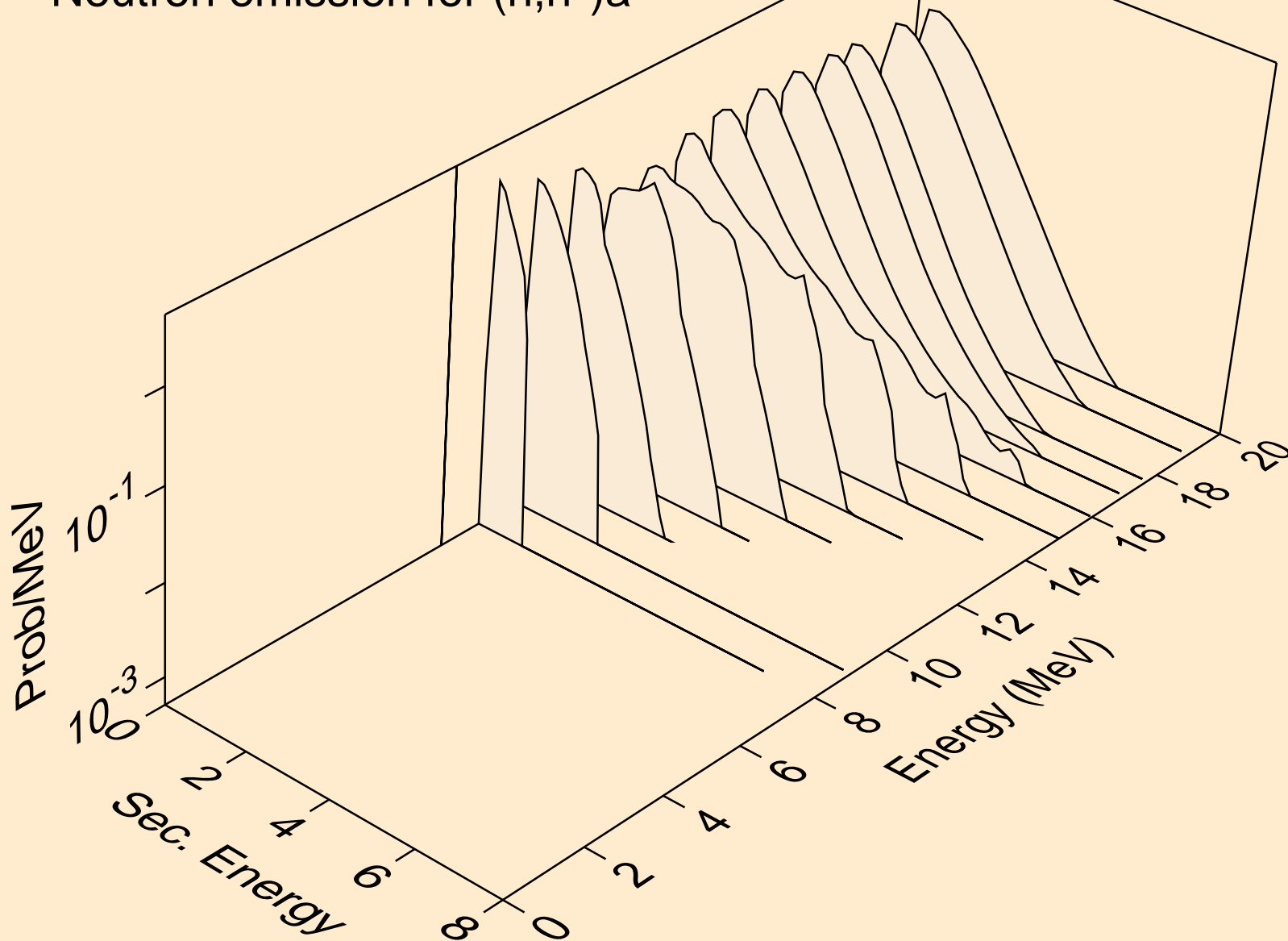
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Neutron emission for (n,2n)



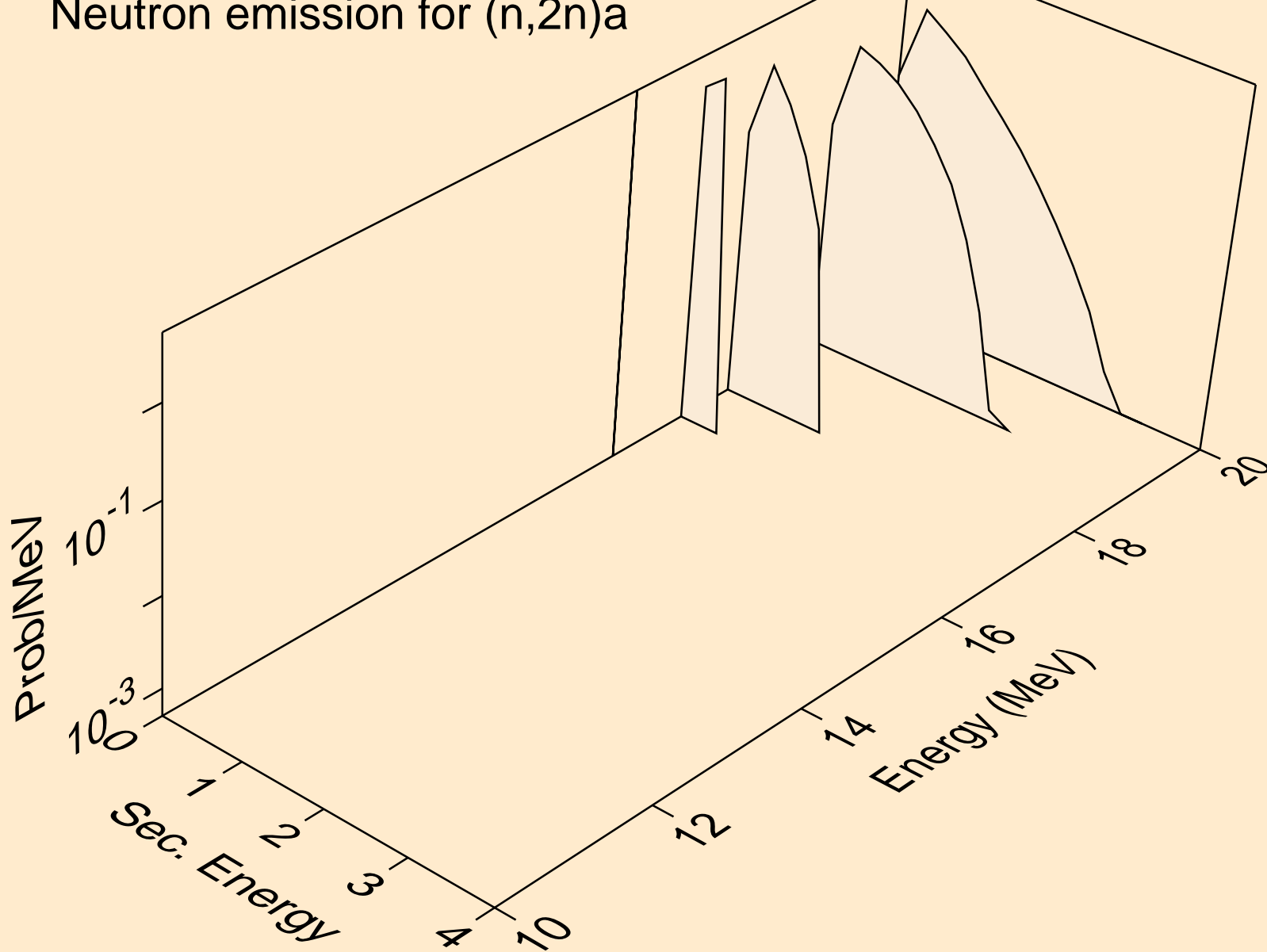
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Neutron emission for (n,3n)



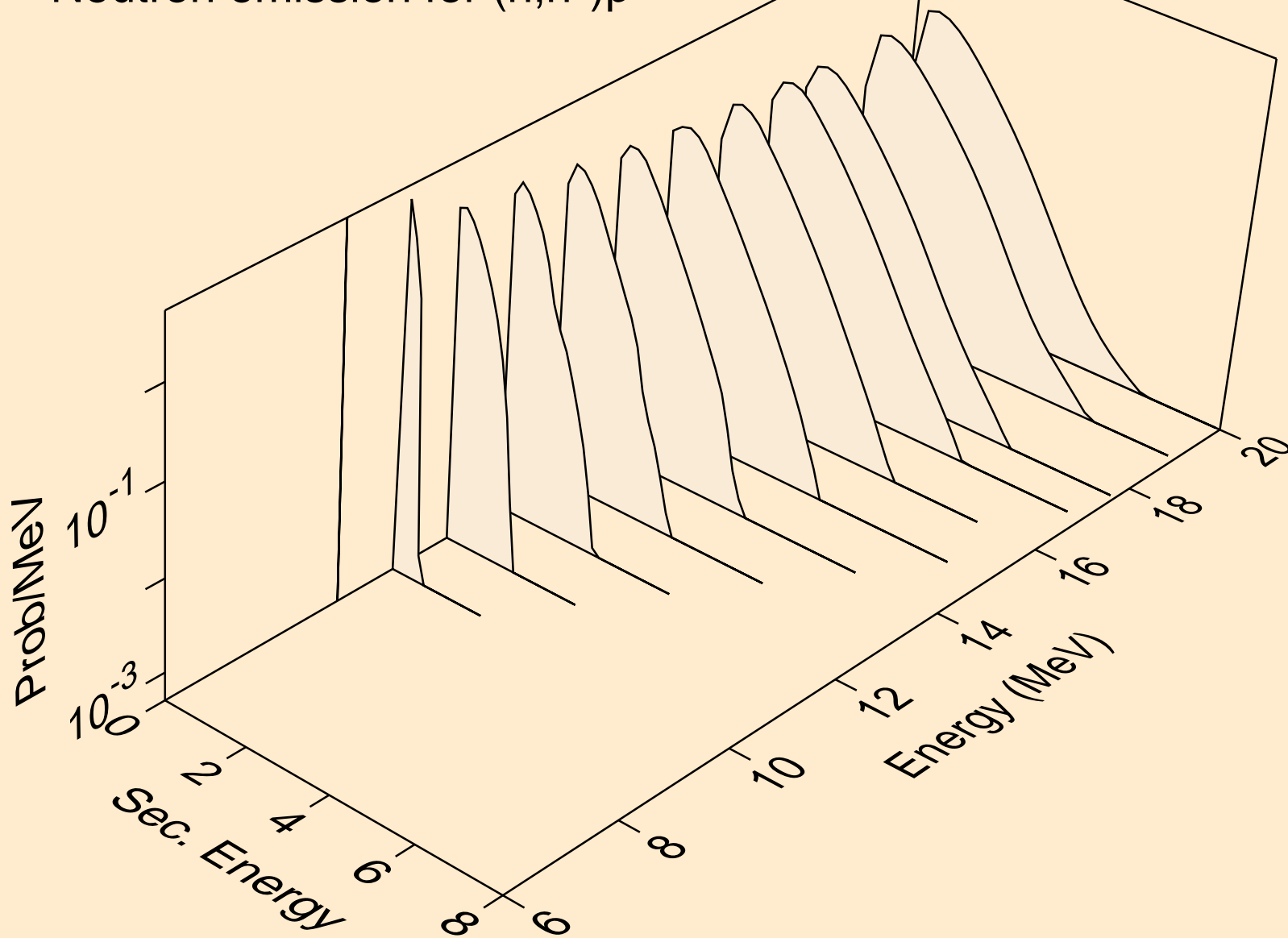
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Neutron emission for (n,n\*)a



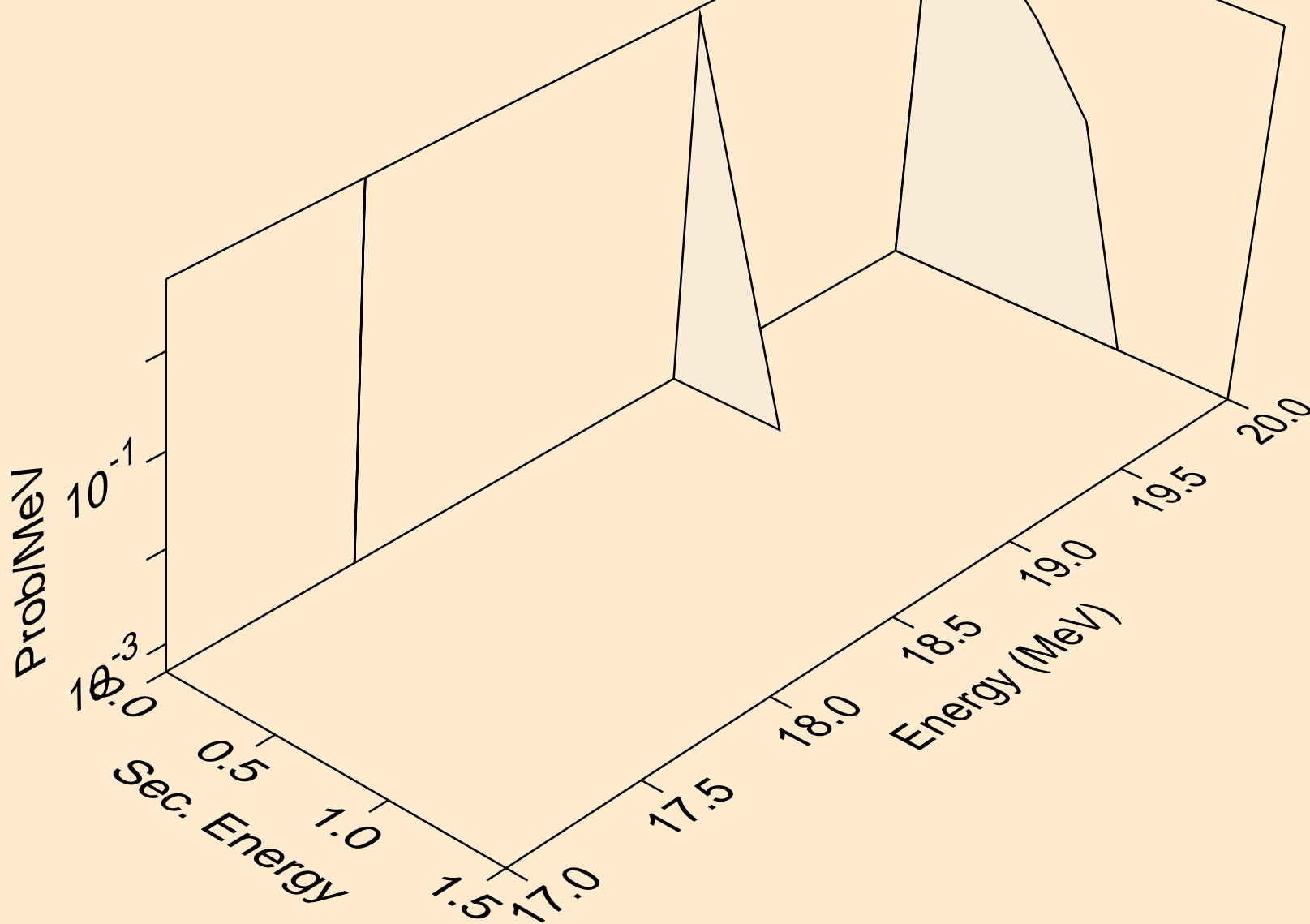
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Neutron emission for (n,2n)a



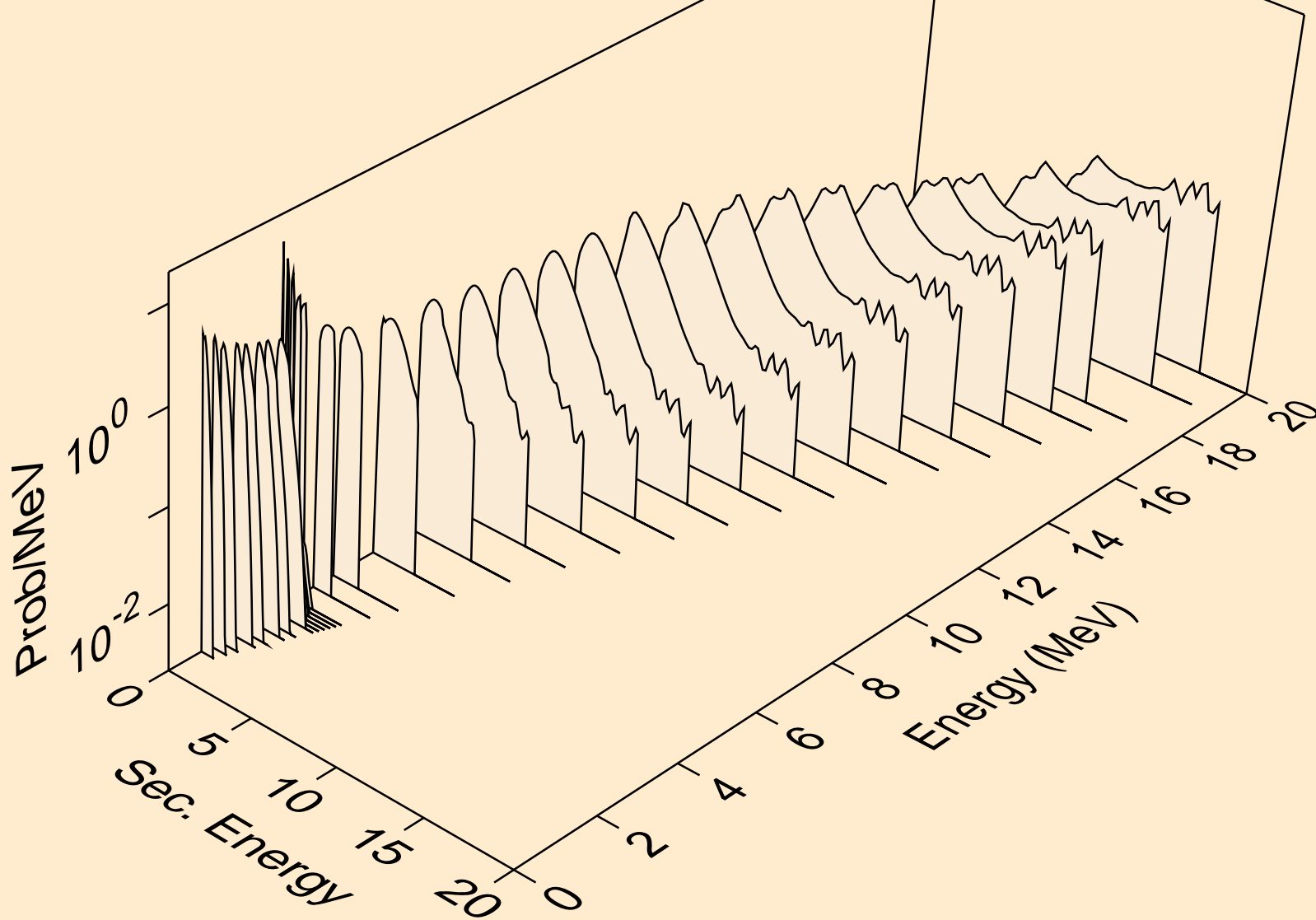
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Neutron emission for (n,n\*)p



58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Neutron emission for (n,2np)

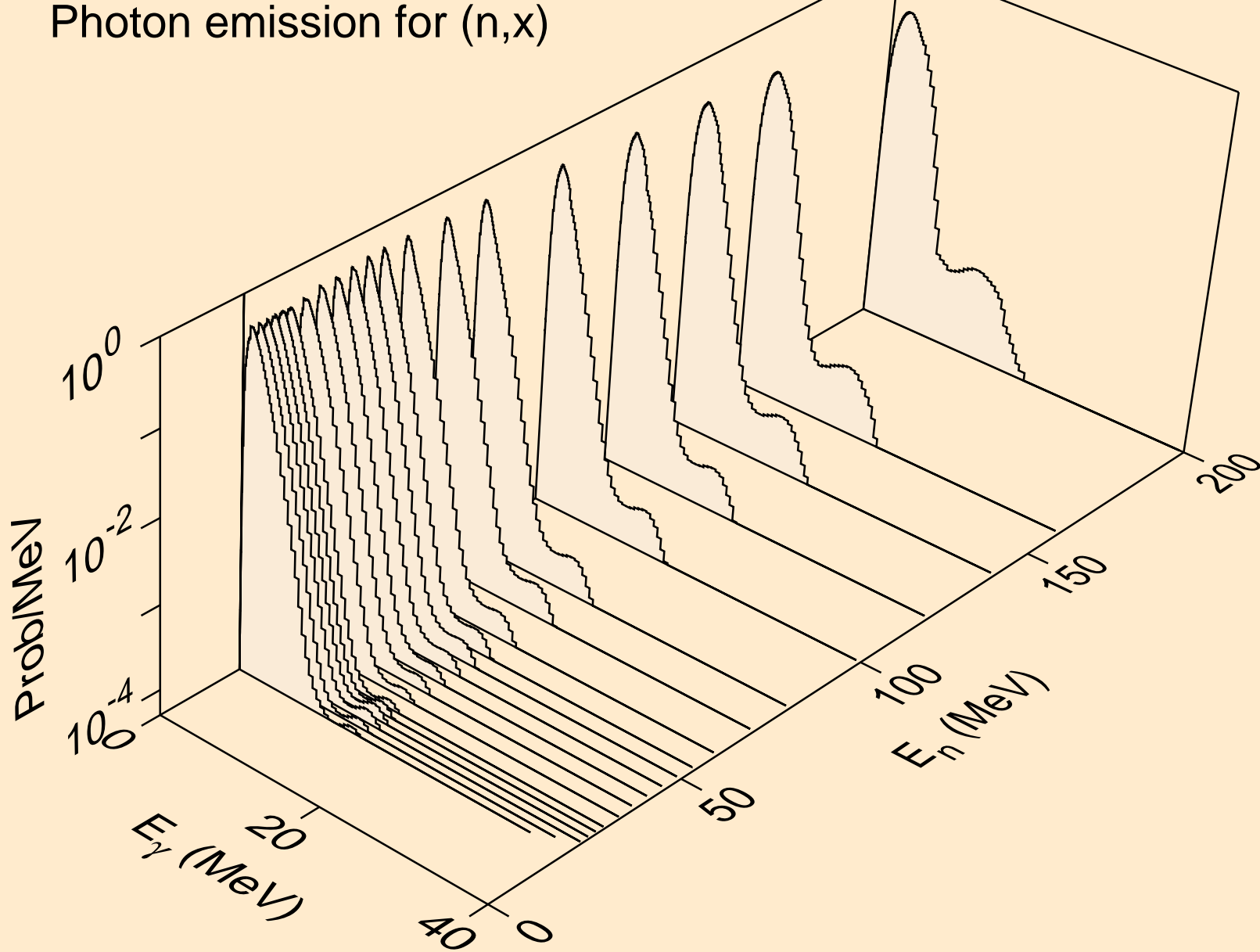


58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Neutron emission for (n,n\*c)

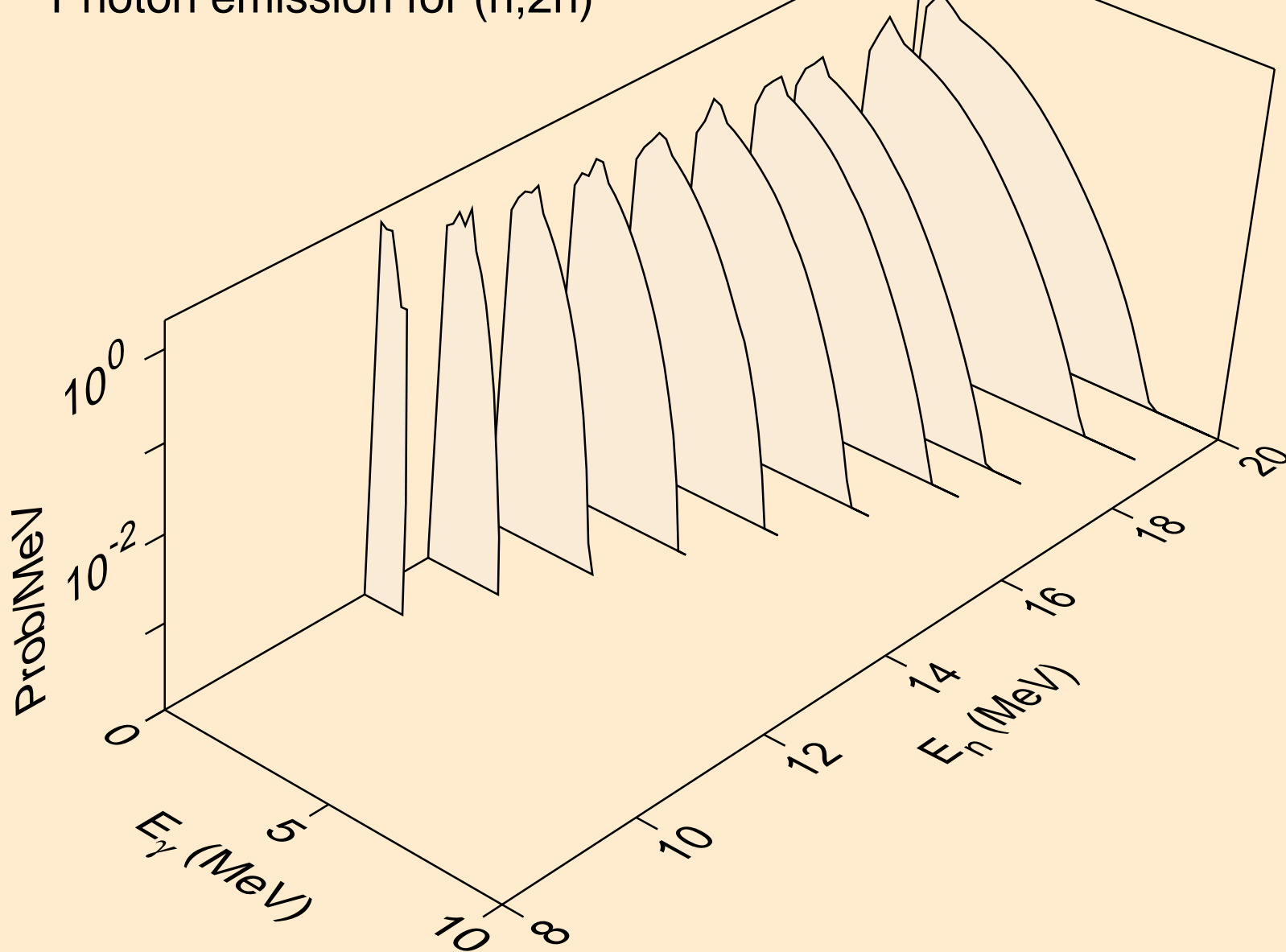




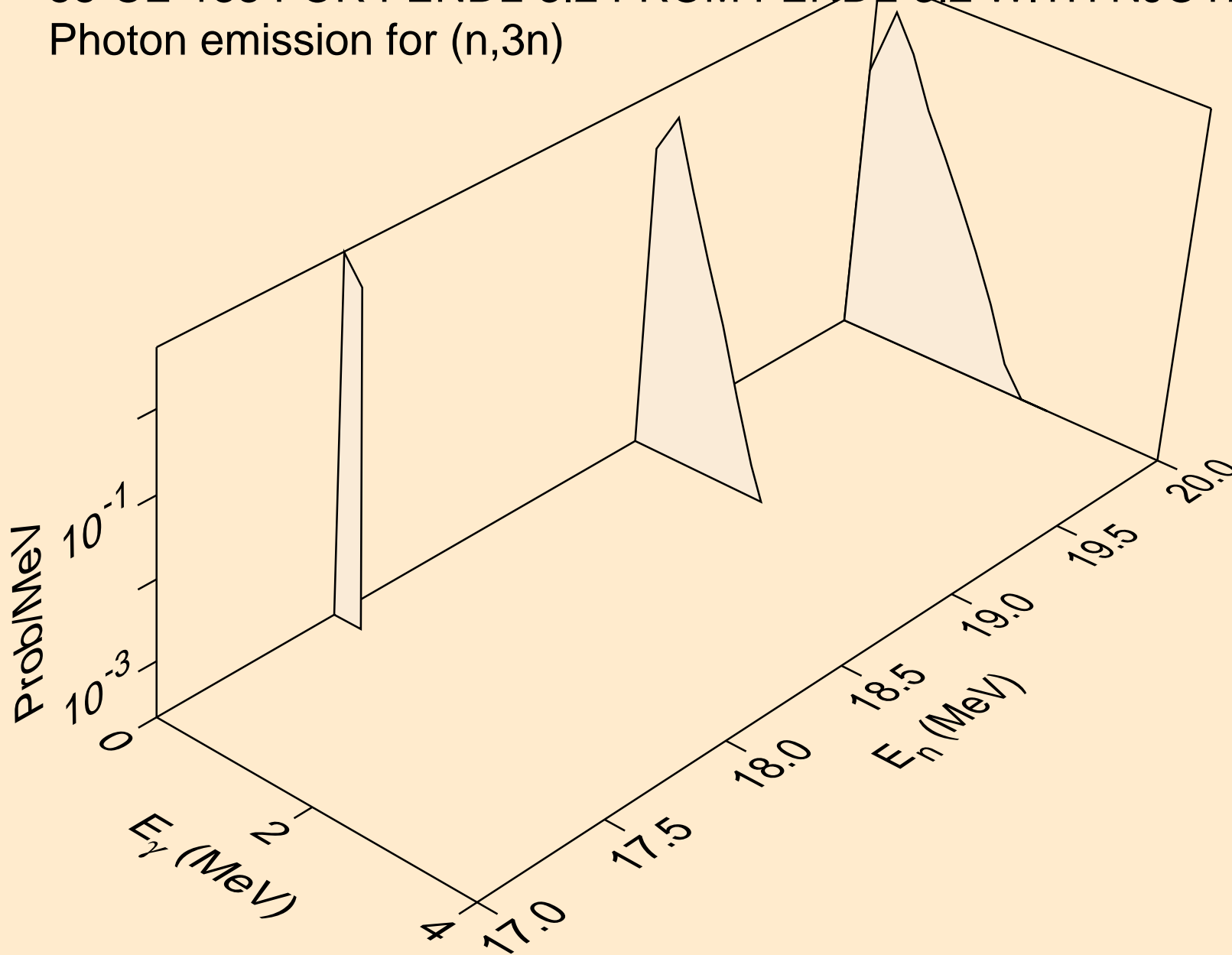
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Photon emission for (n,x)



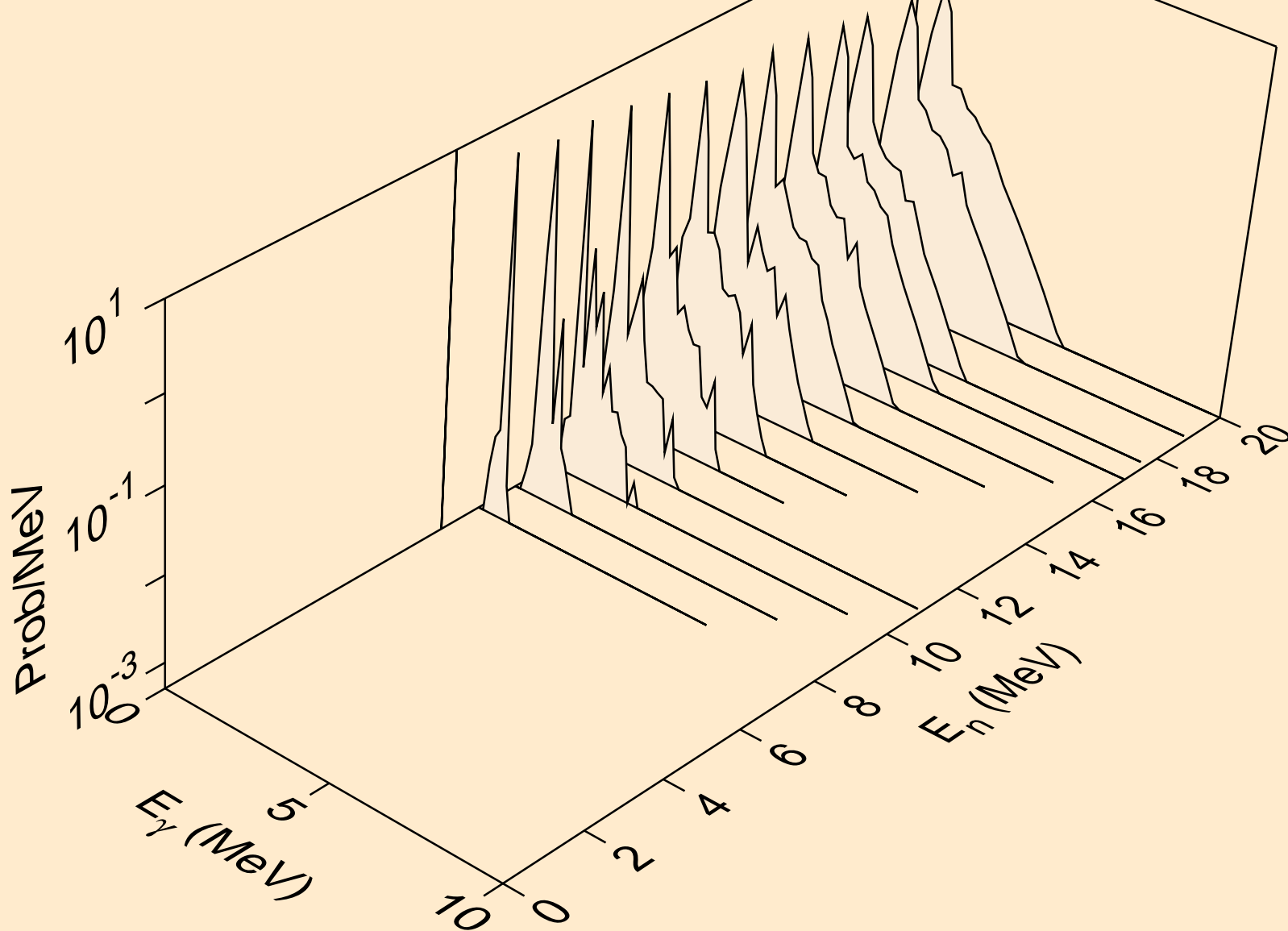
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Photon emission for (n,2n)



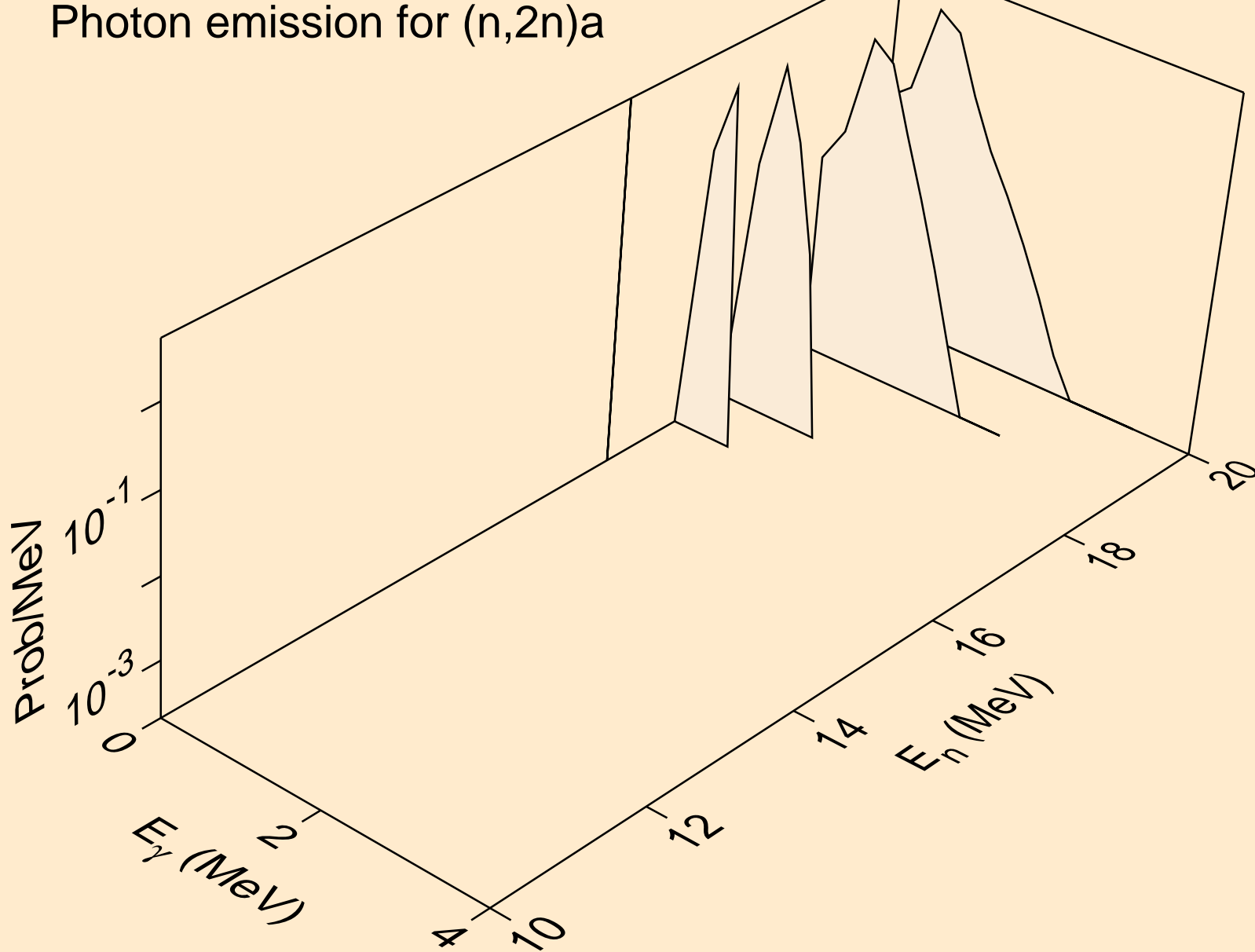
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Photon emission for (n,3n)



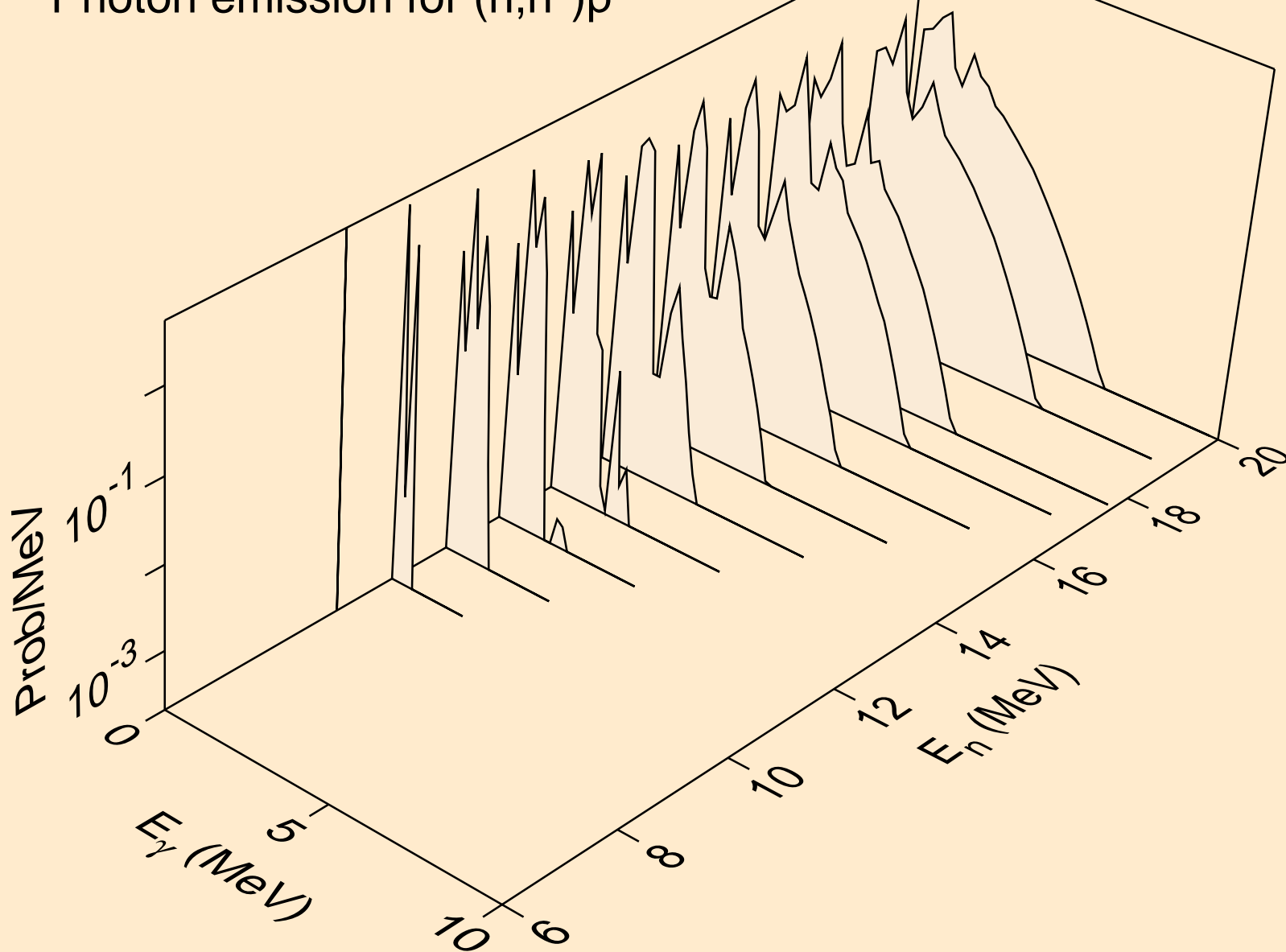
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Photon emission for (n,n\*)a



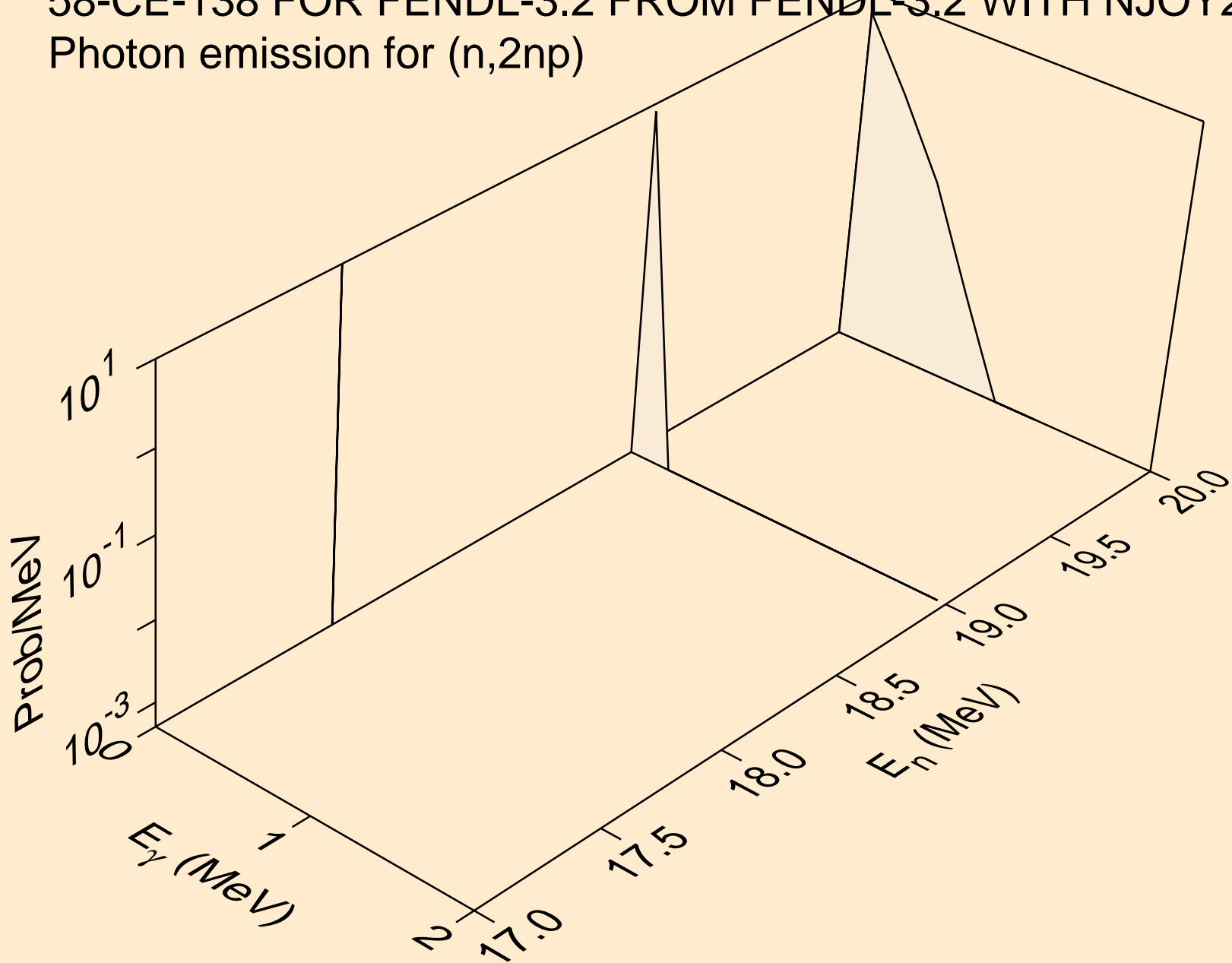
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Photon emission for (n,2n)a



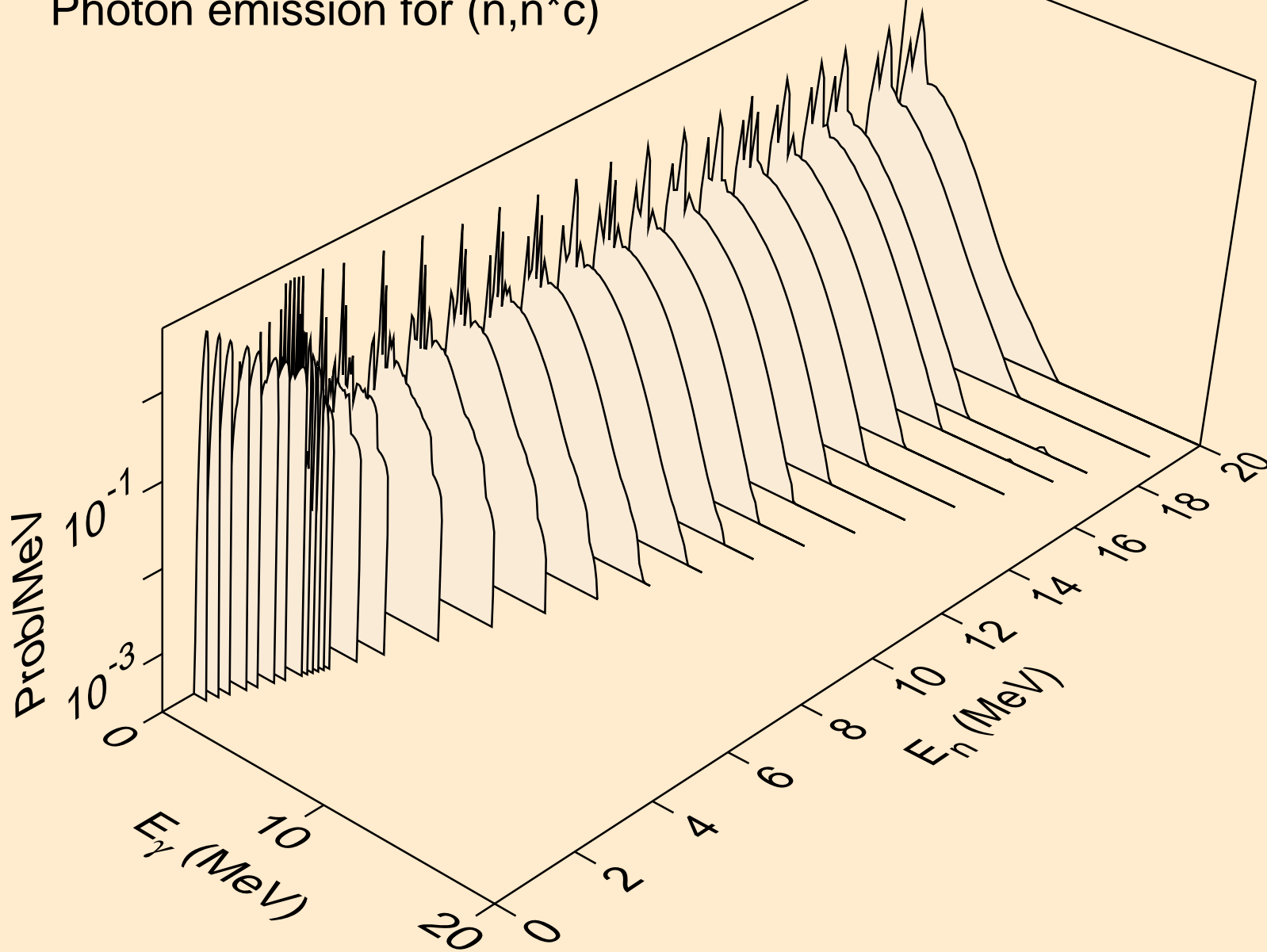
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Photon emission for (n,n\*)p



58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Photon emission for (n,2np)

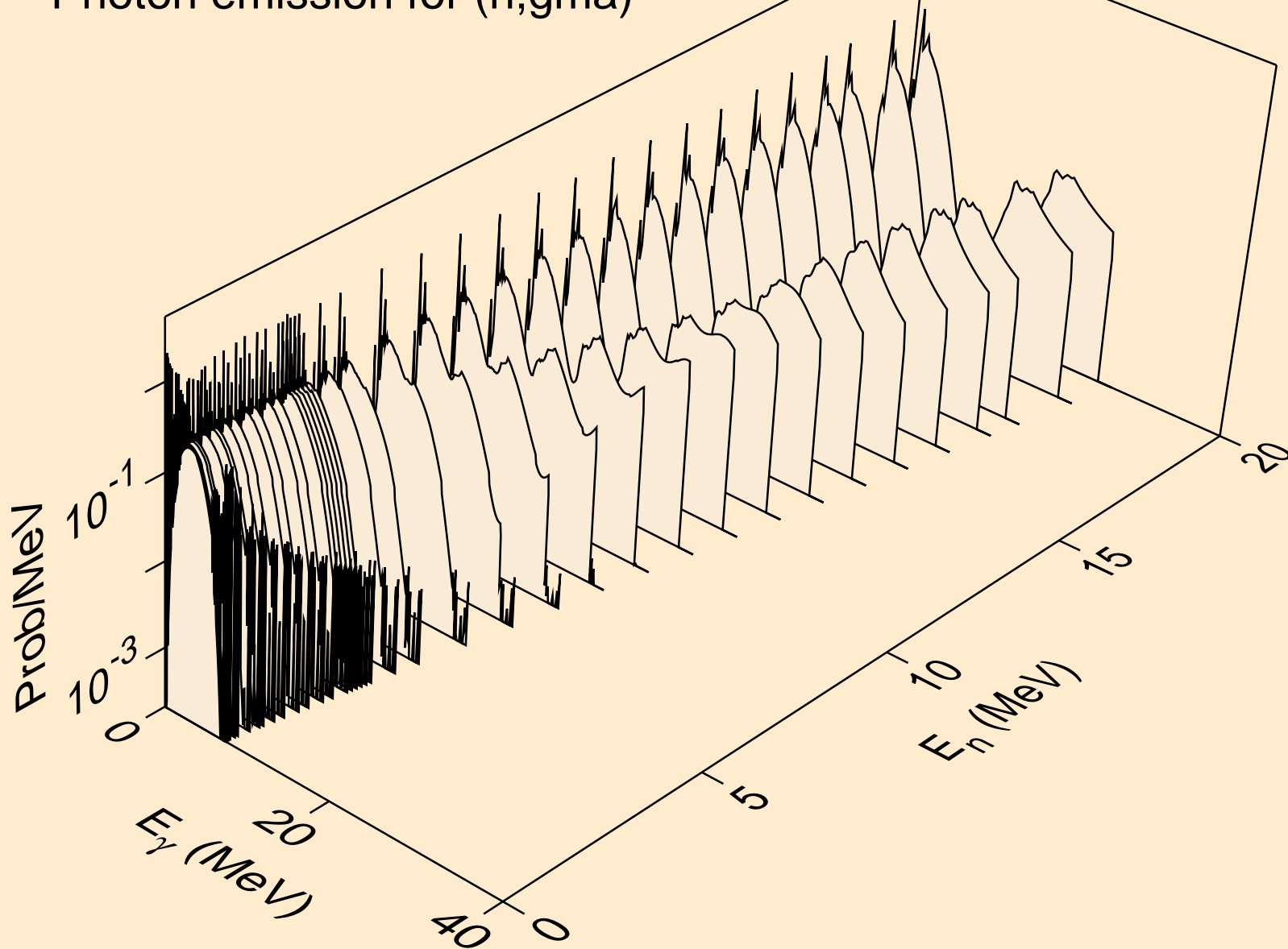


58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Photon emission for (n,n\*c)

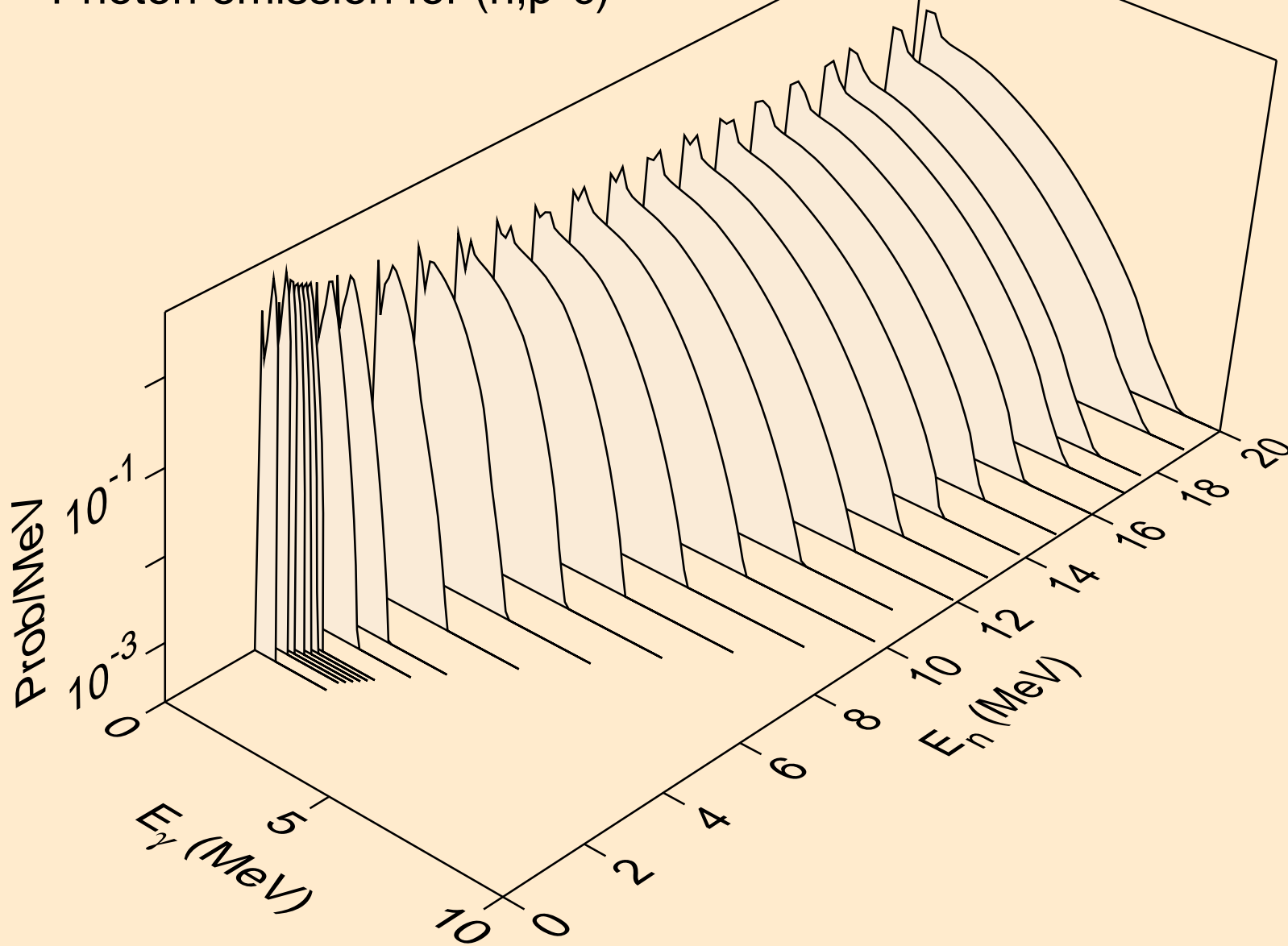




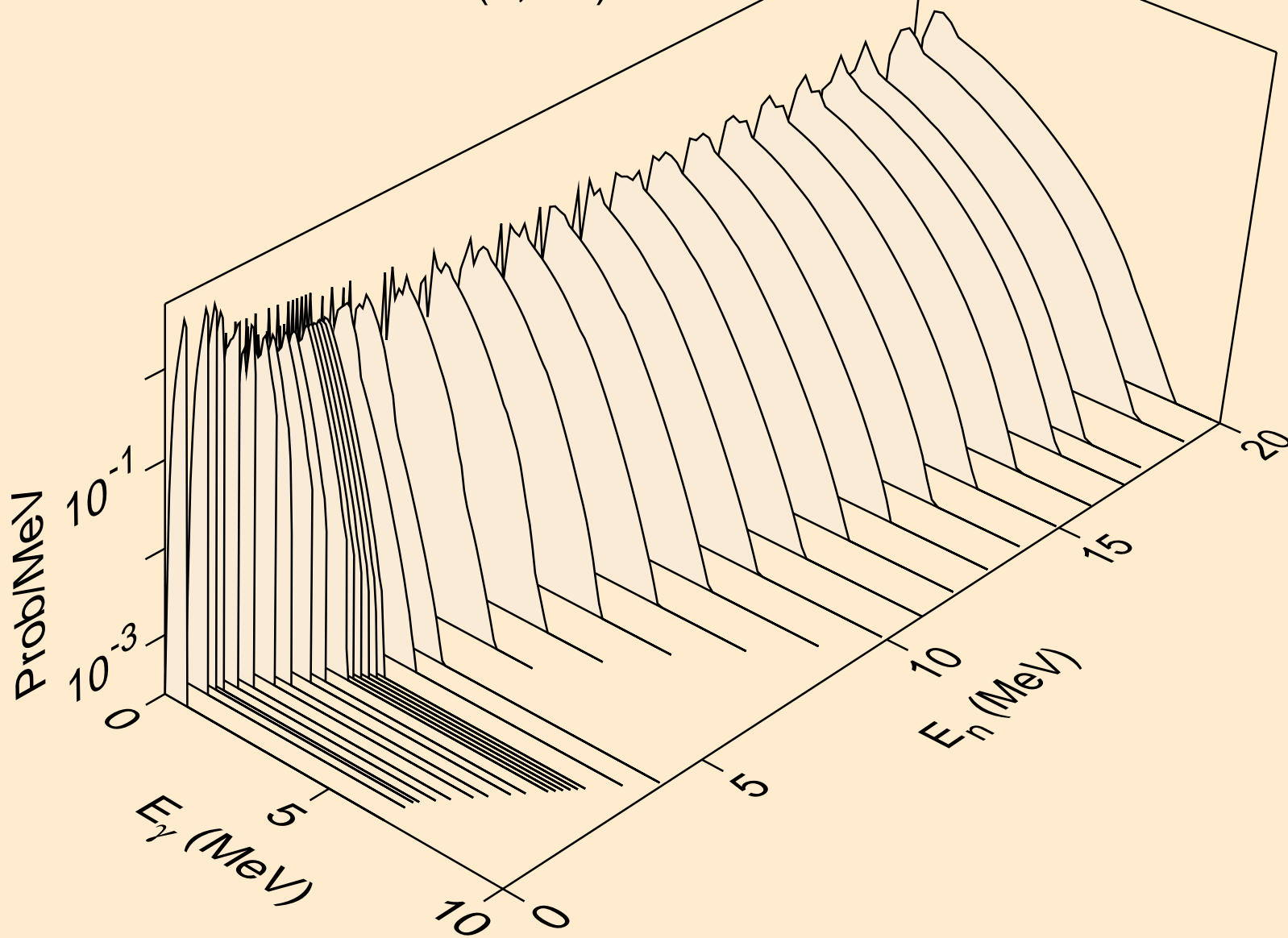
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Photon emission for (n,gma)



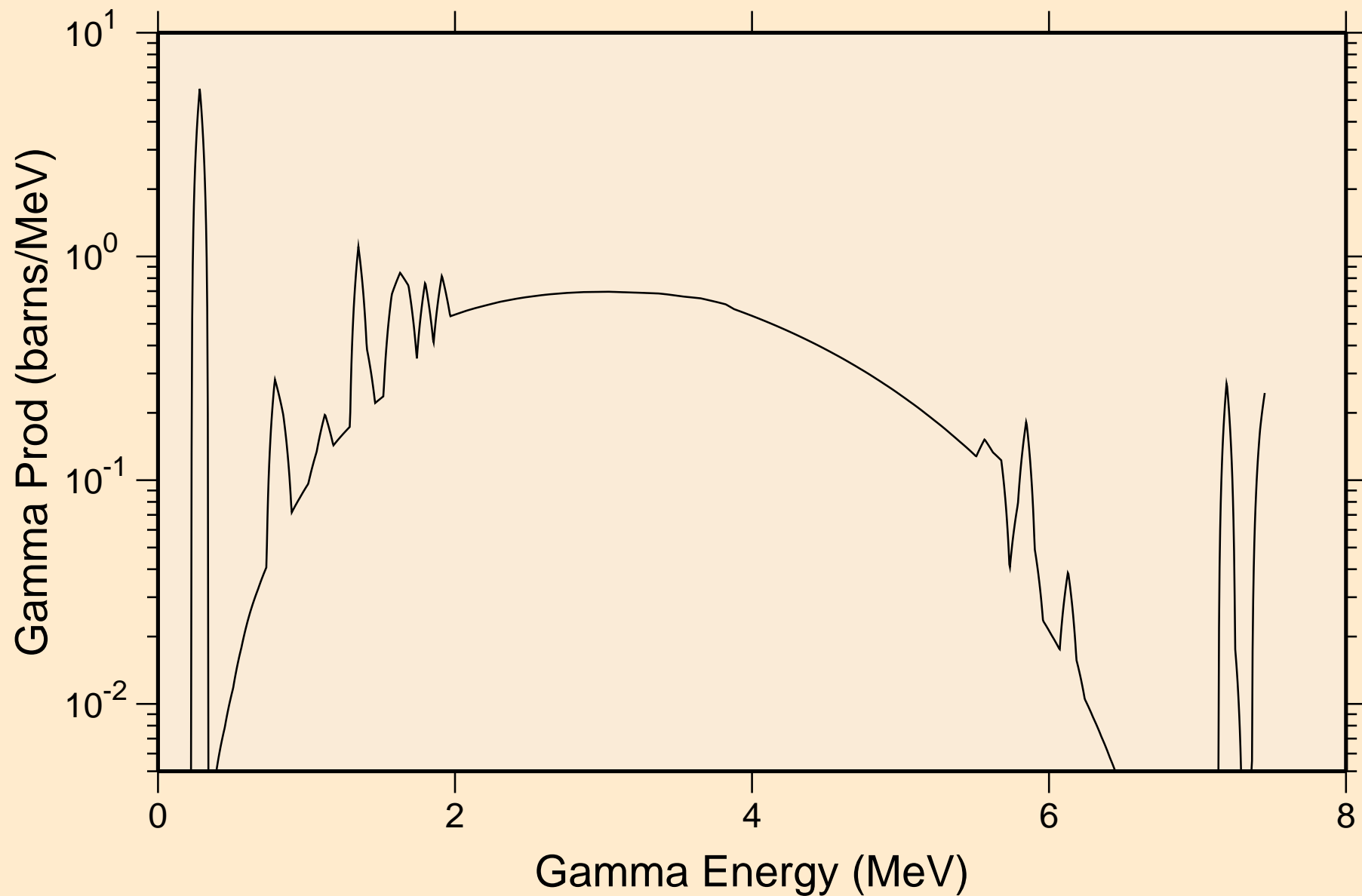
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Photon emission for (n,p\*c)



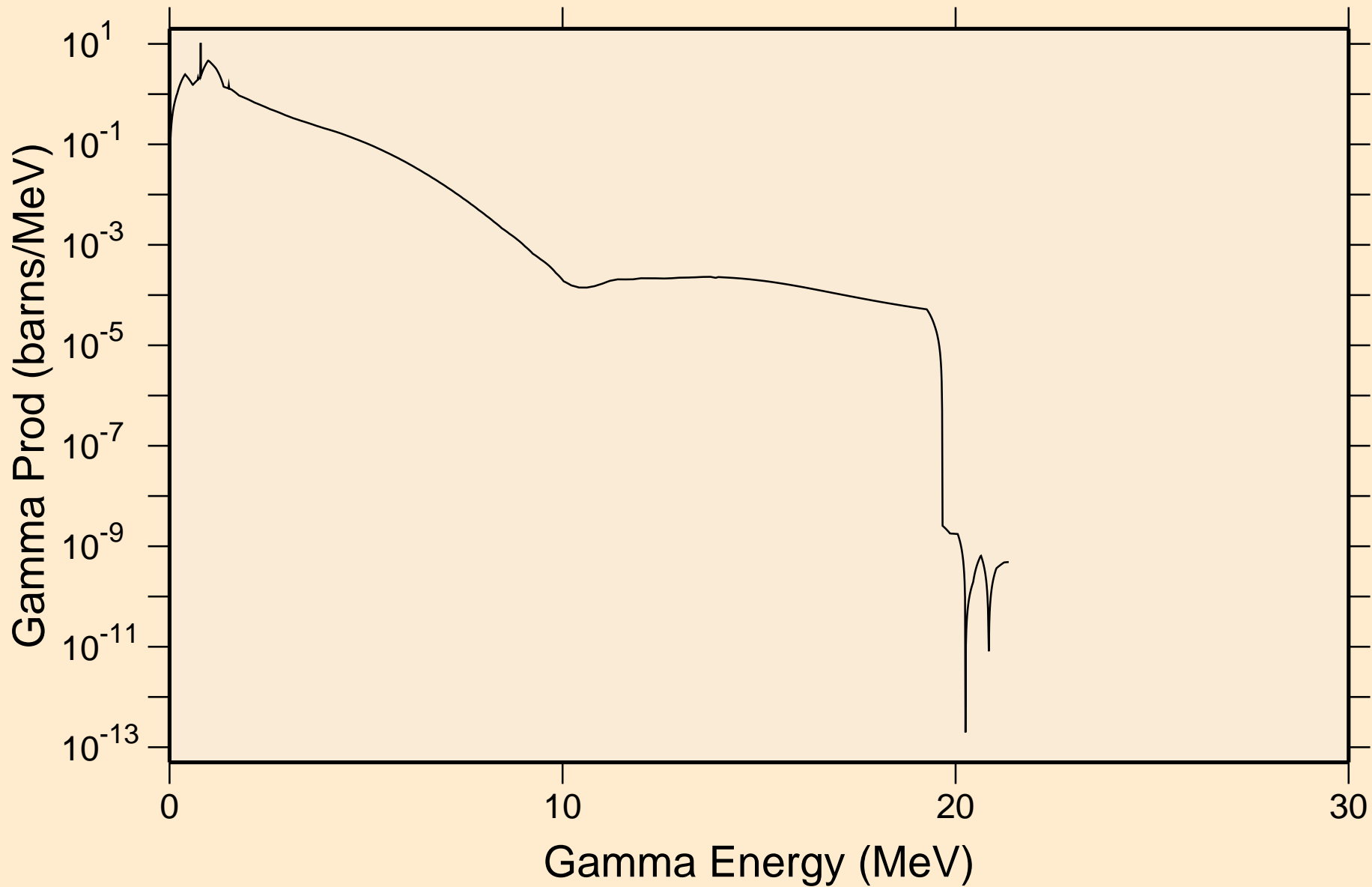
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Photon emission for (n,a\*c)



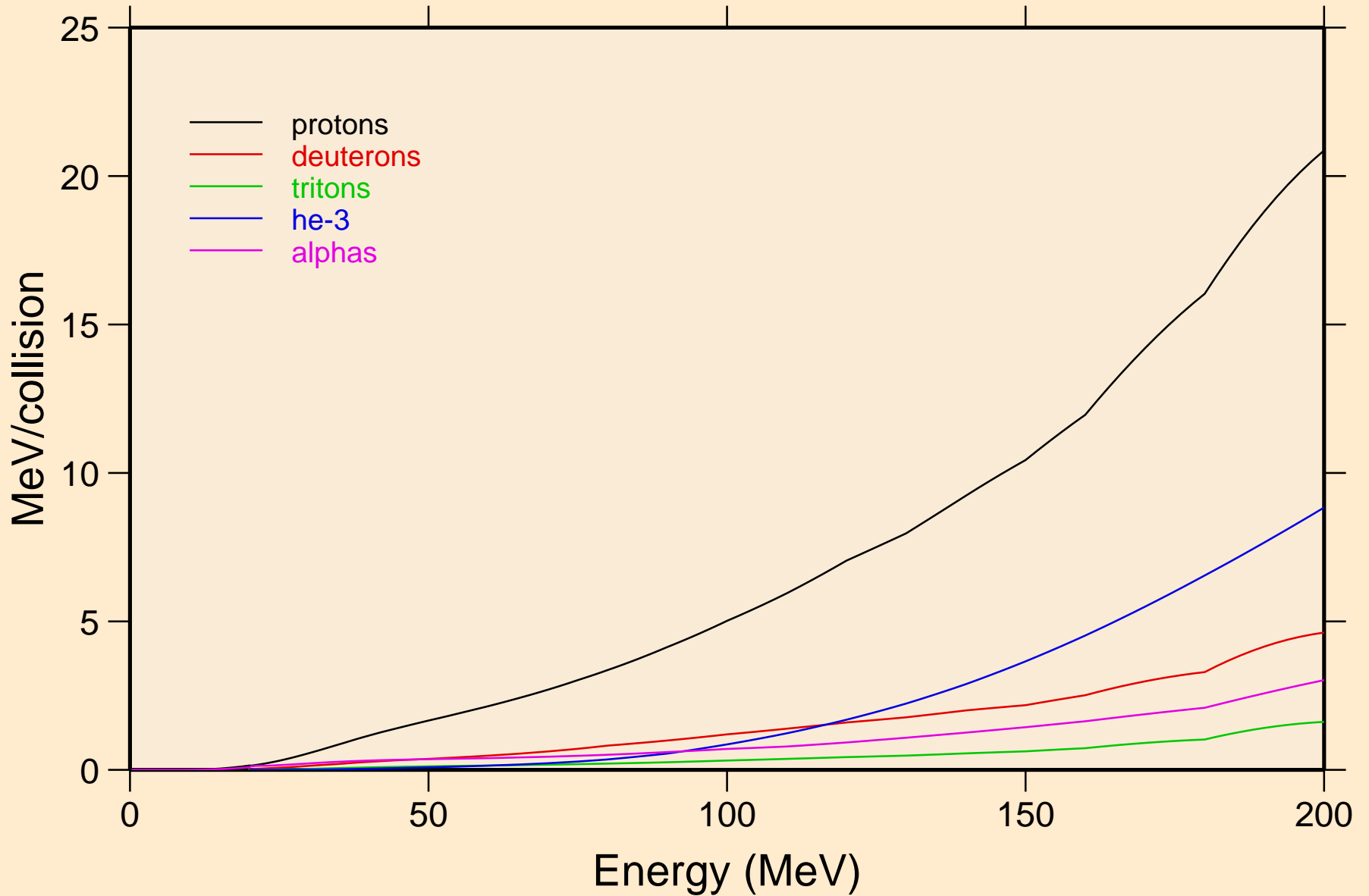
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
thermal capture photon spectrum



58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
14 MeV photon spectrum

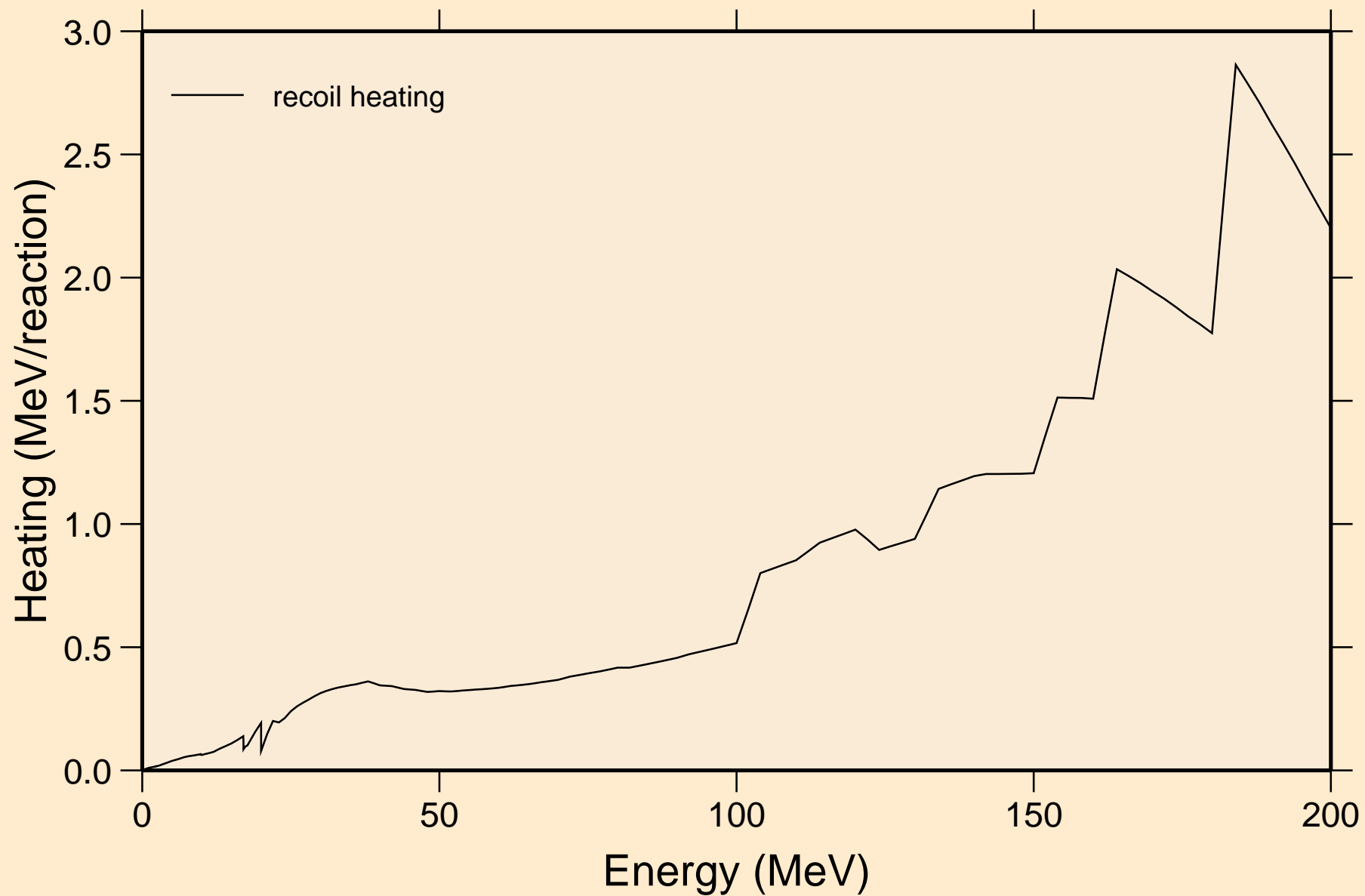


58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
Particle heating contributions



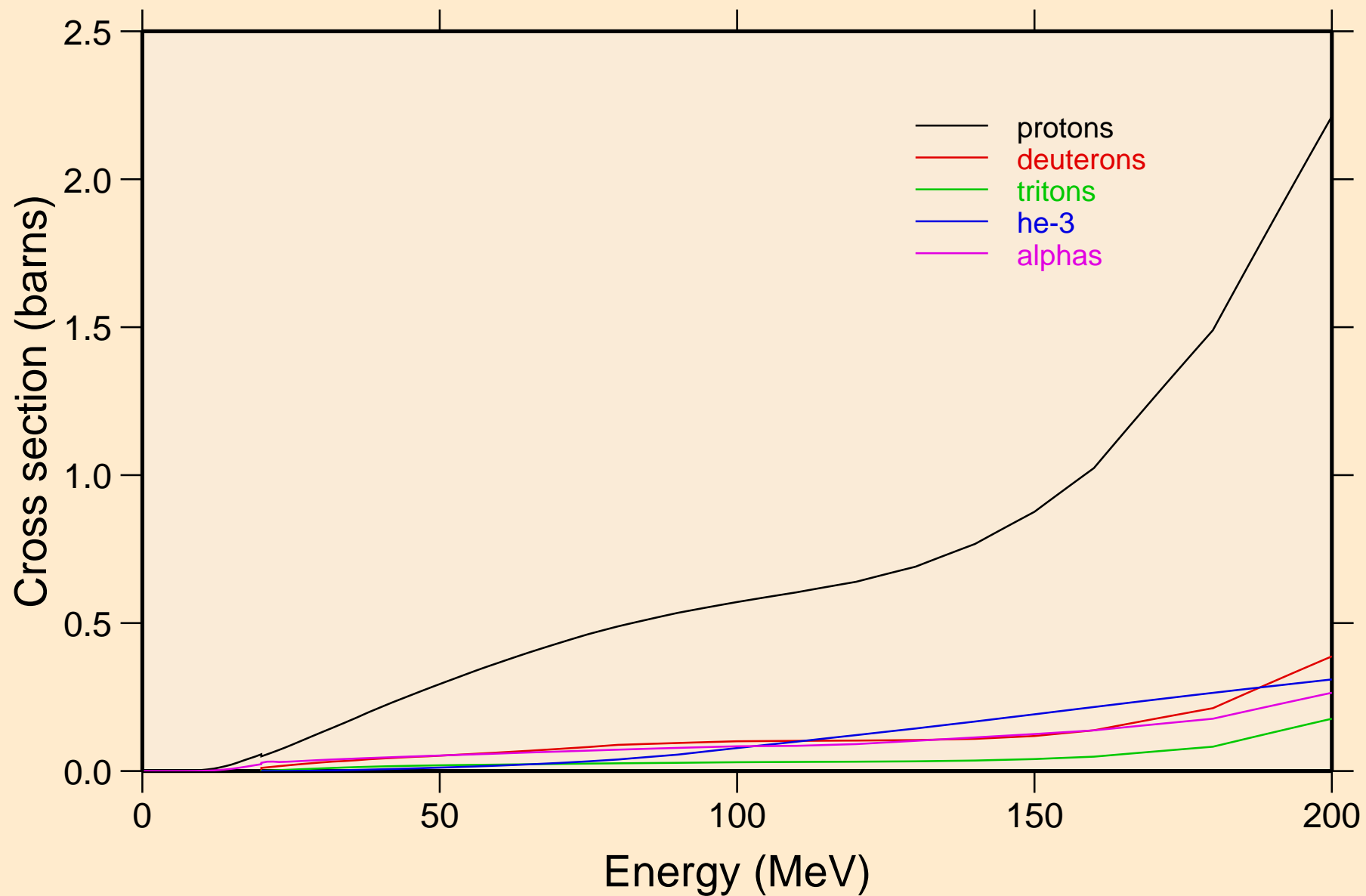
# 58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60

## Recoil Heating



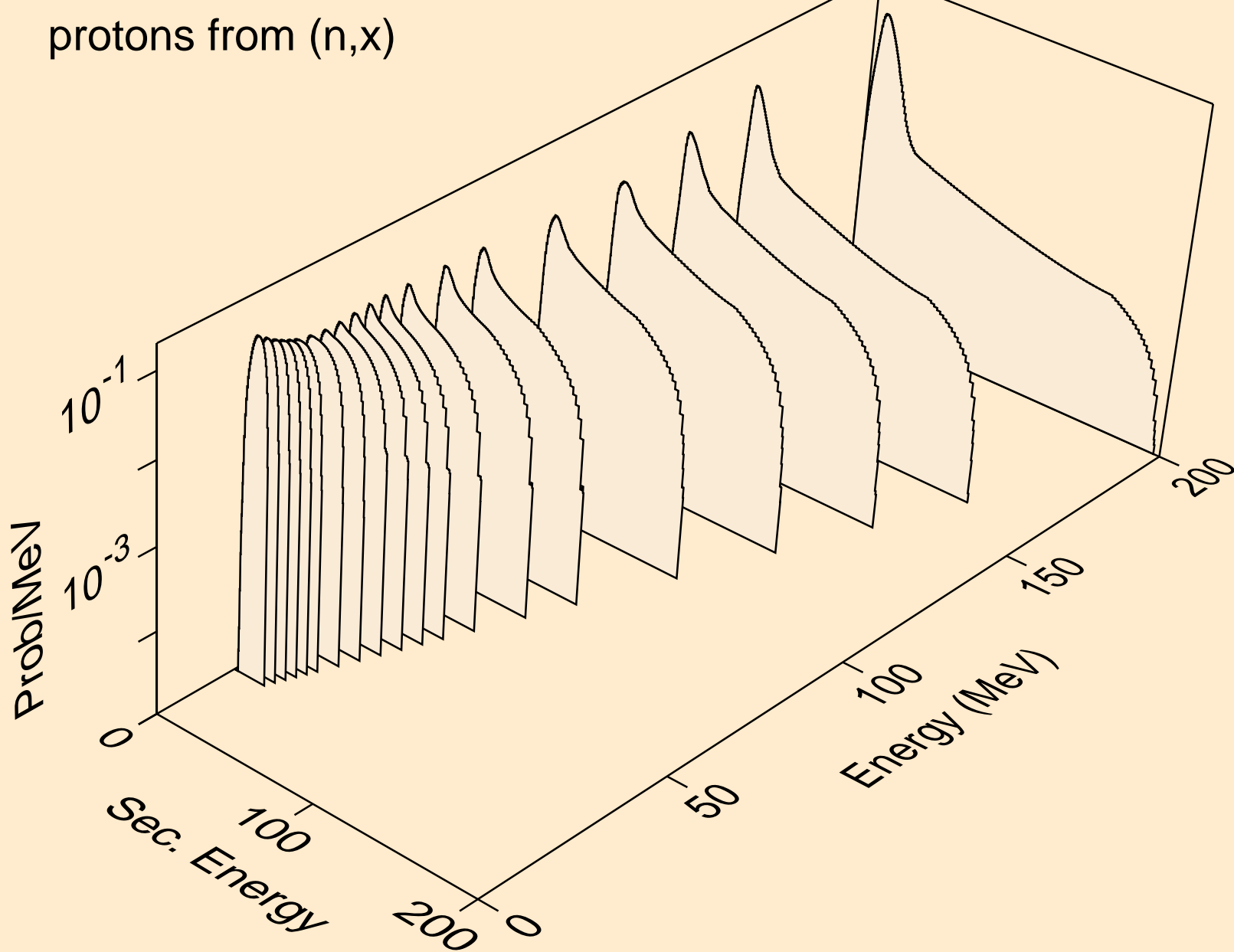
# 58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60

## Particle production cross sections

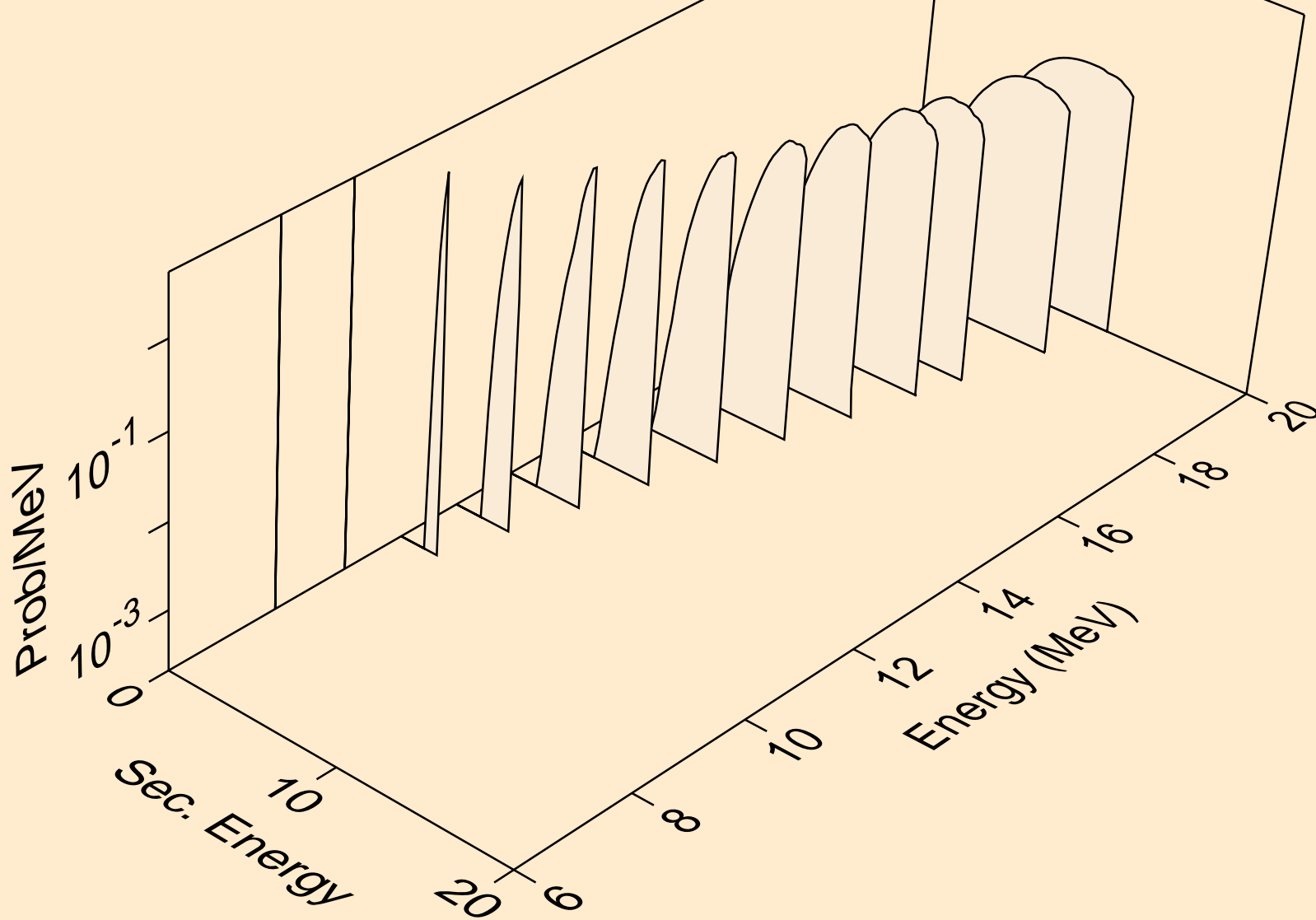




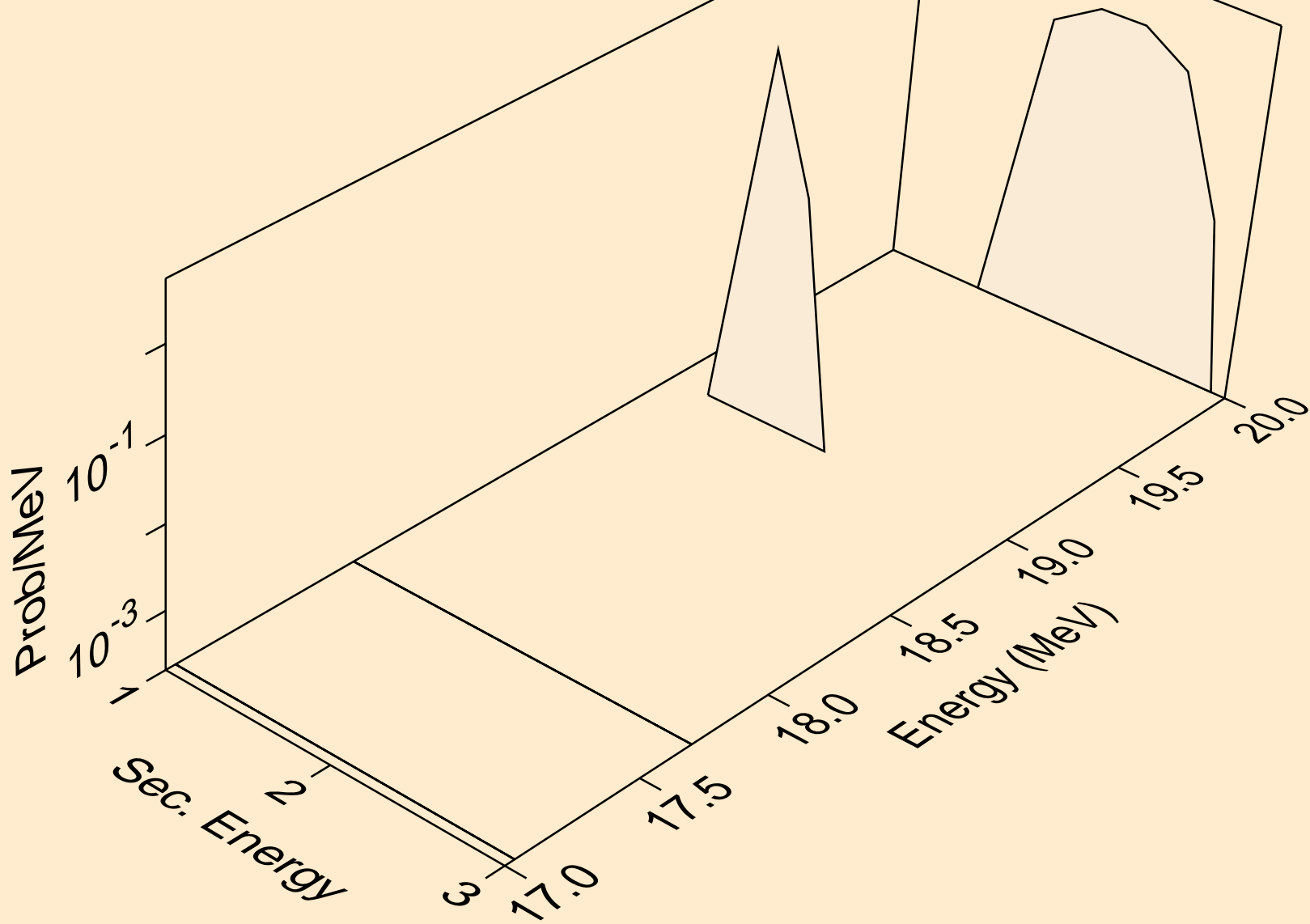
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
protons from (n,x)



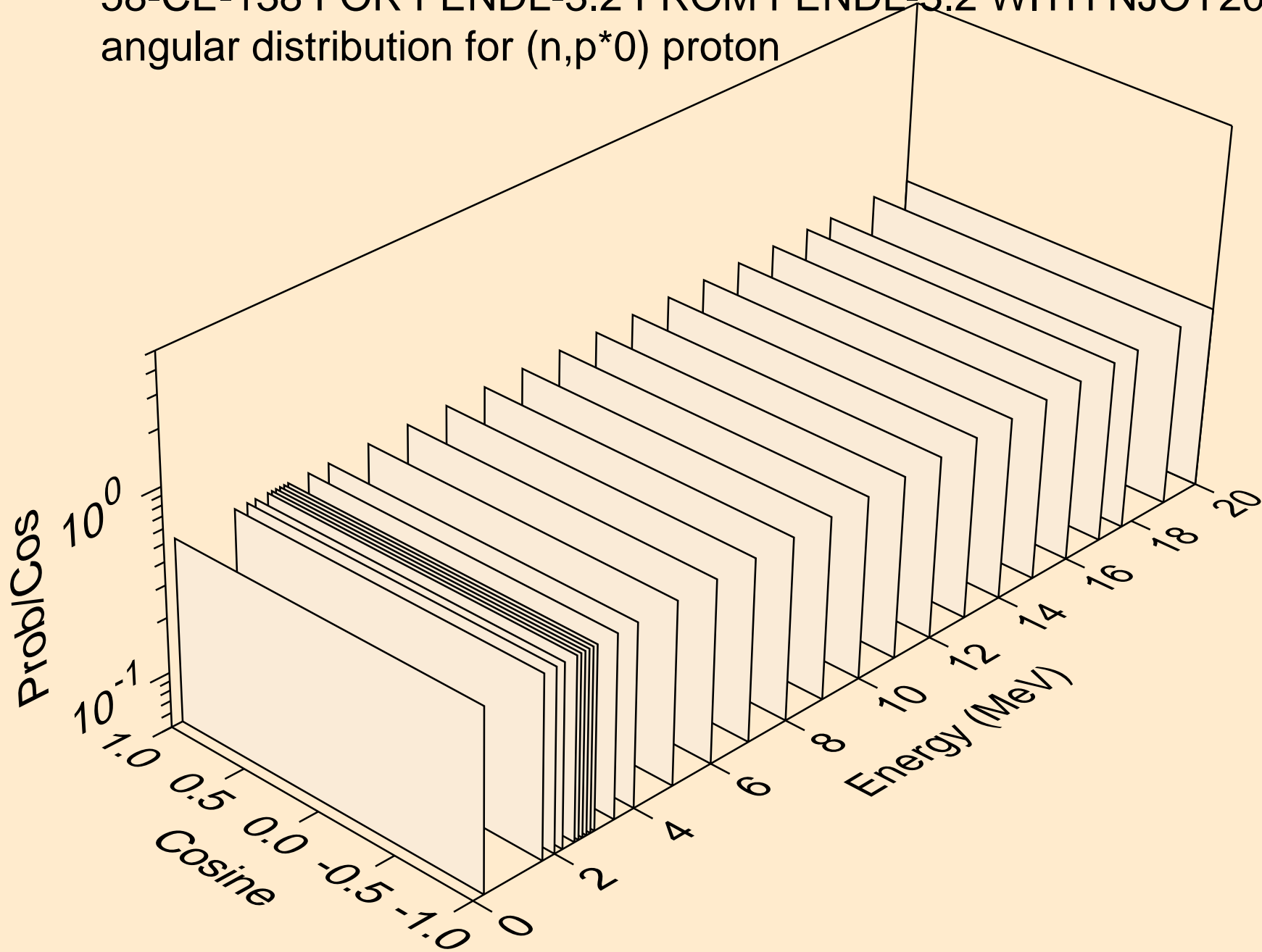
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
protons from (n,n\*)p



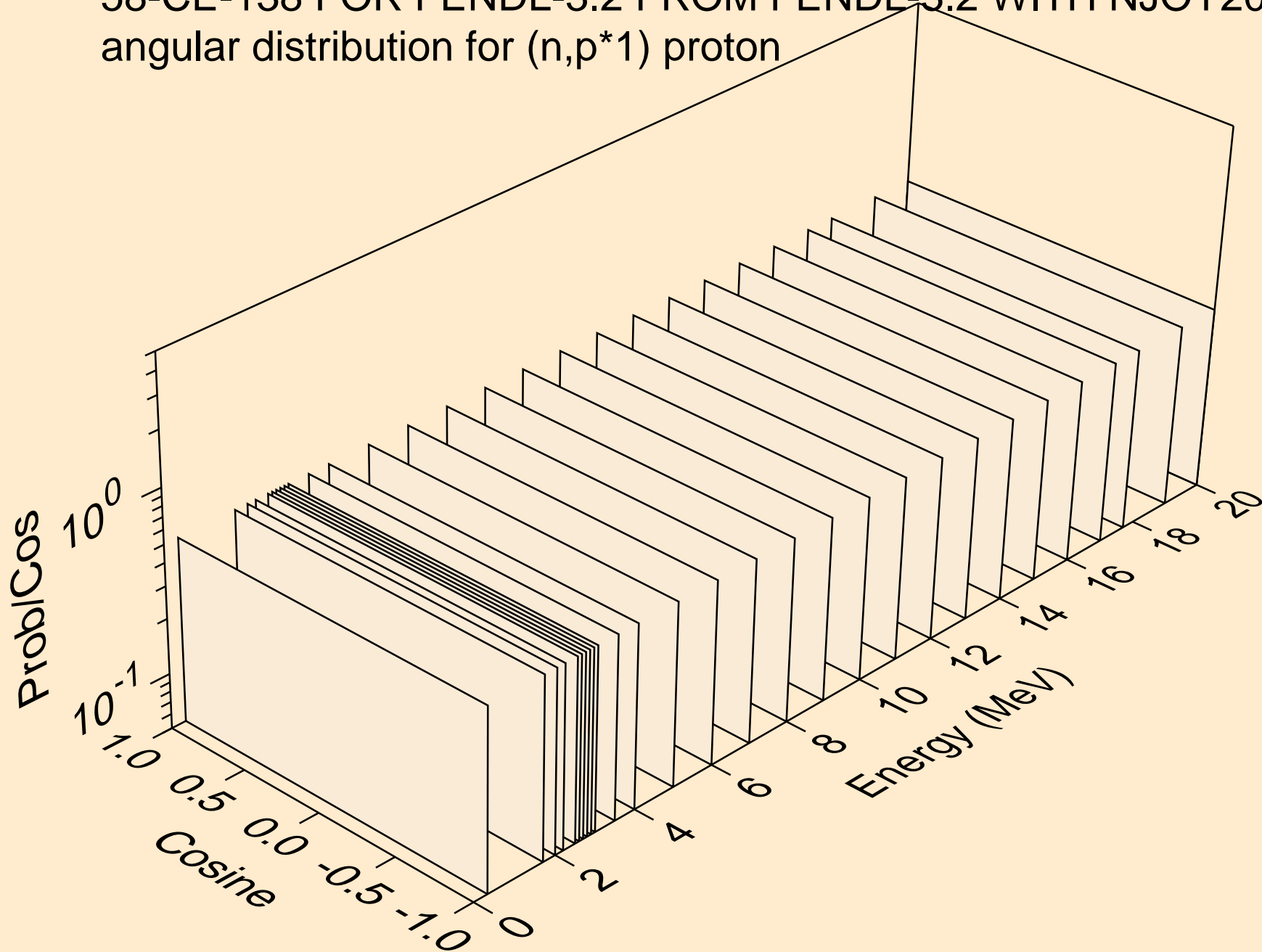
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
protons from (n,2np)



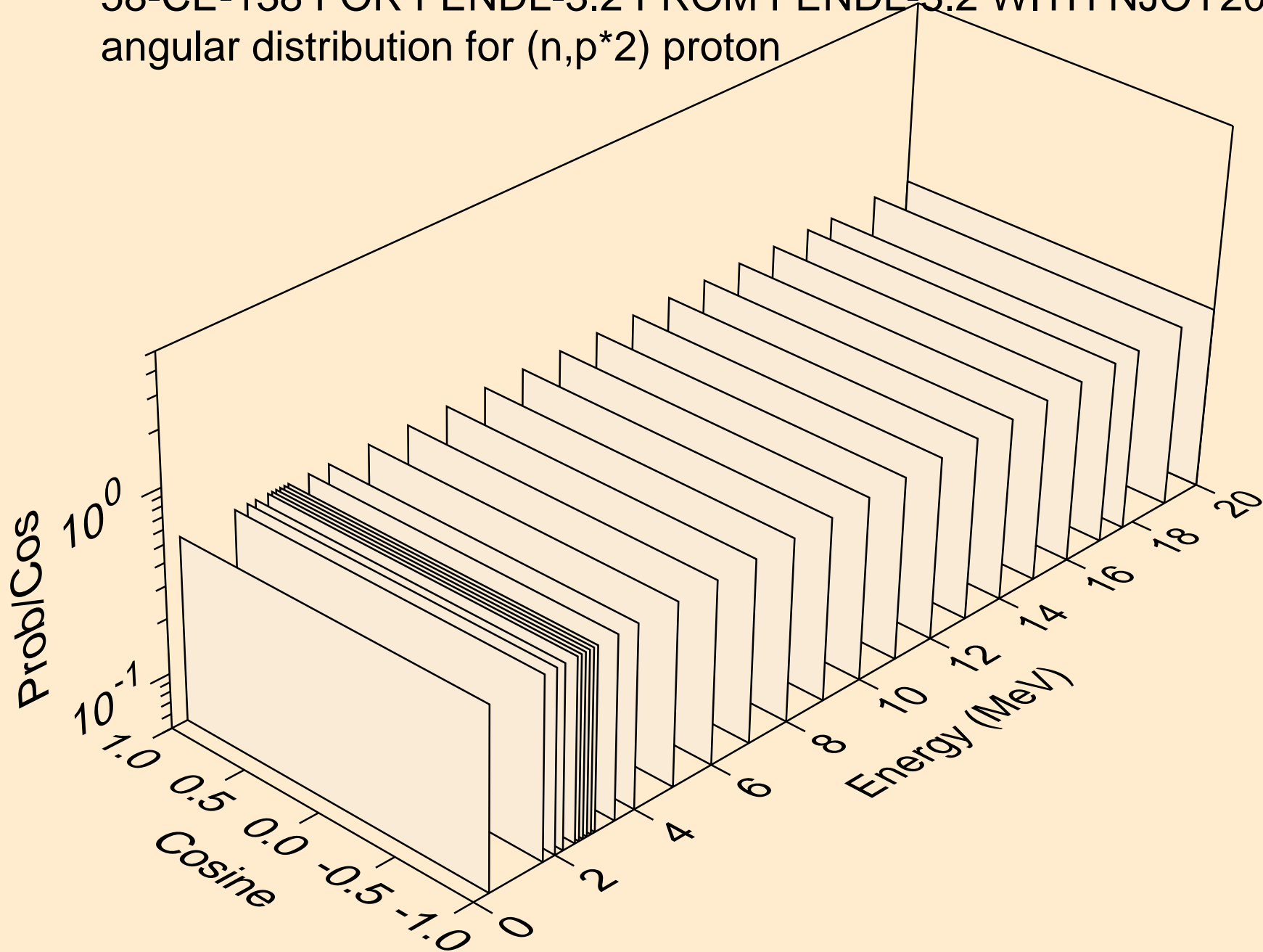
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,p\*0) proton



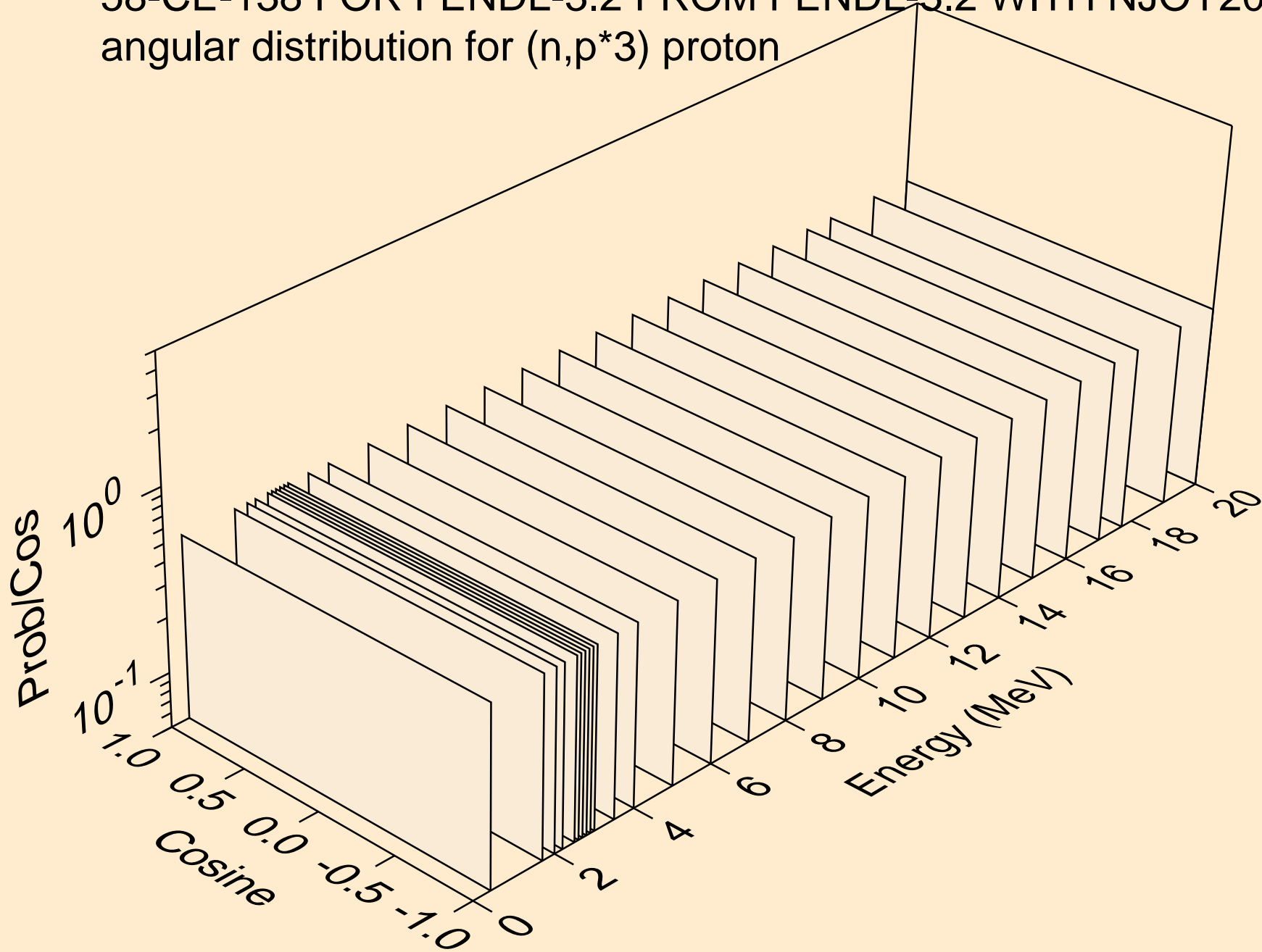
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,p\*1) proton



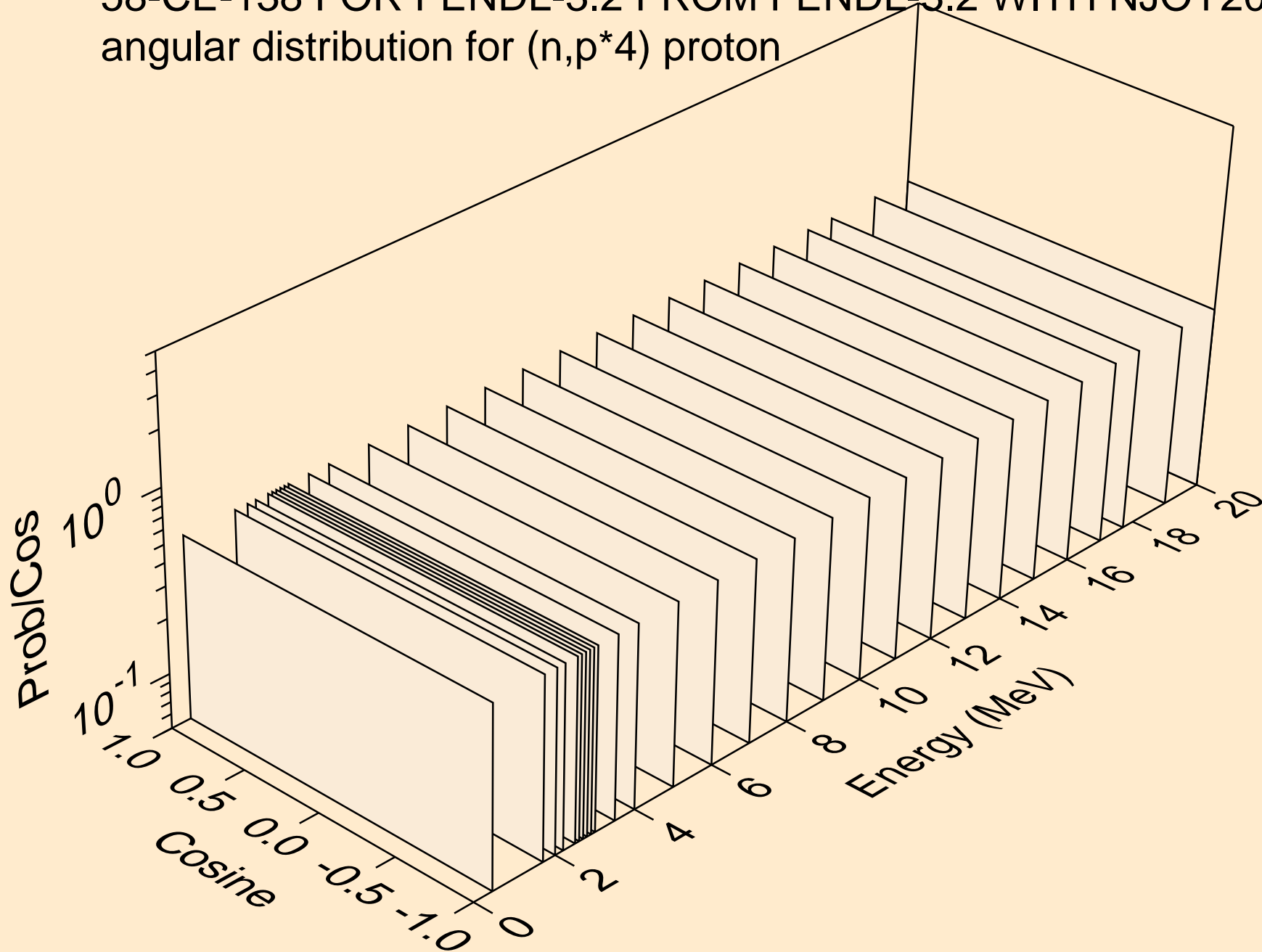
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,p\*2) proton



58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,p\*3) proton

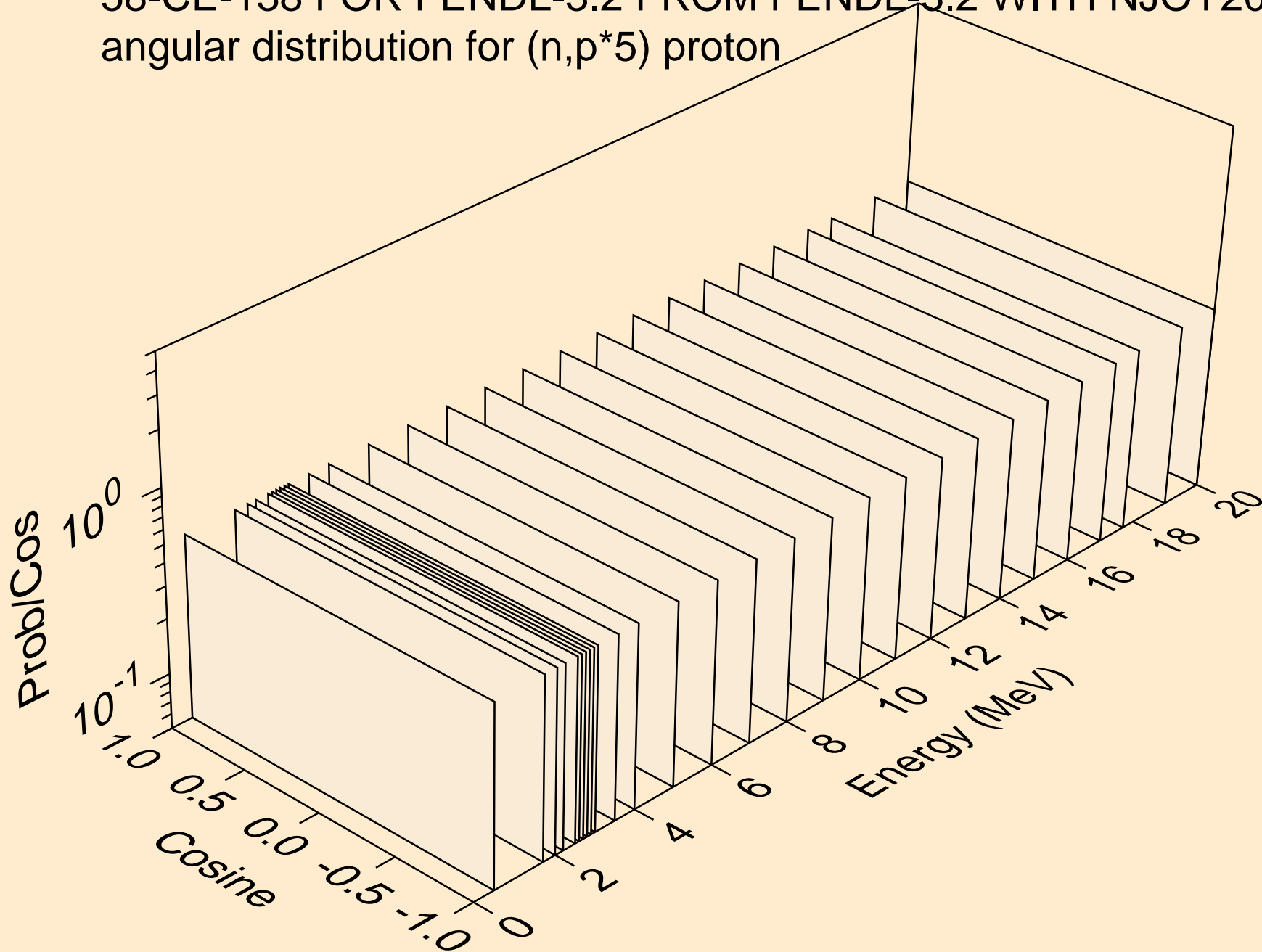


58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,p\*4) proton

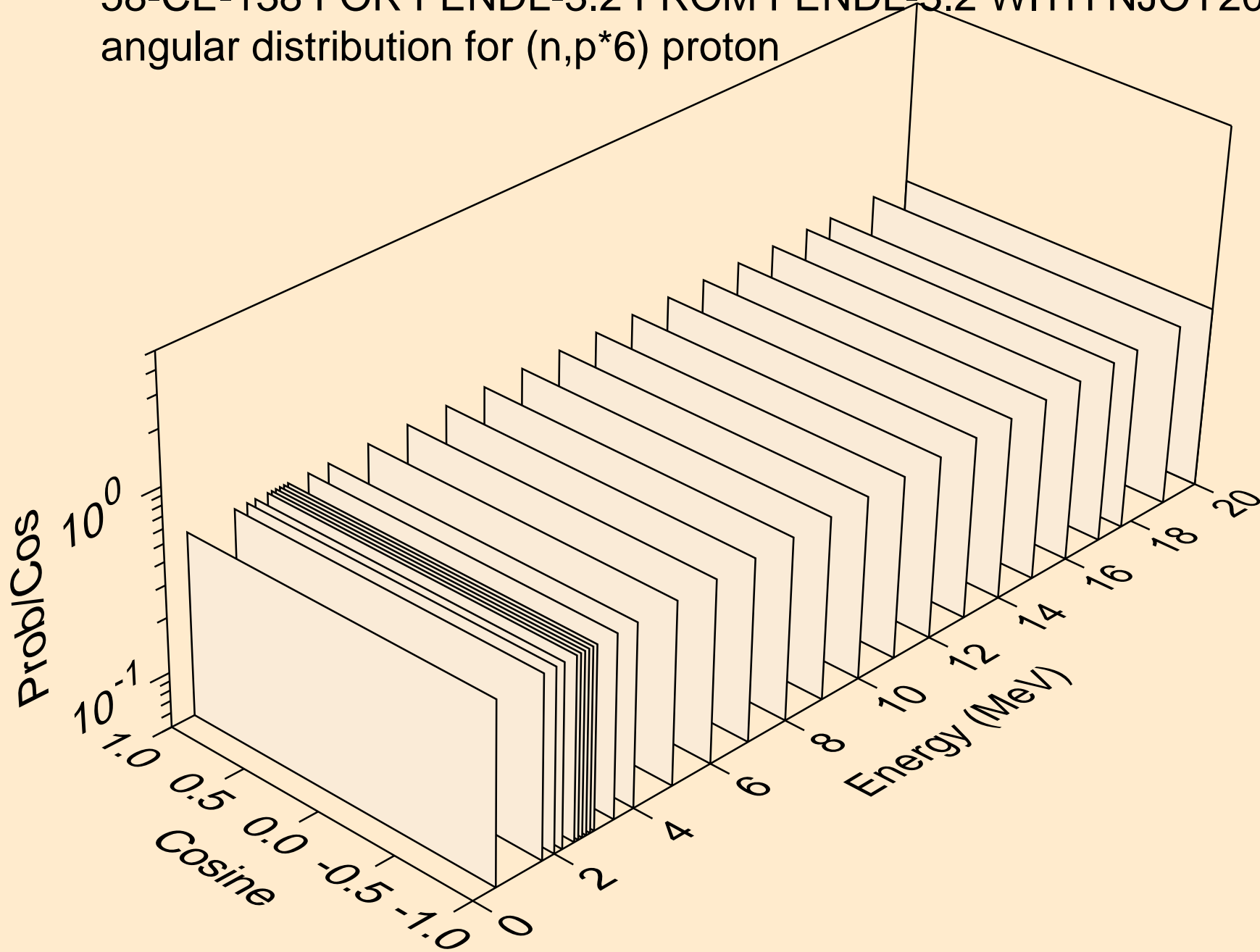




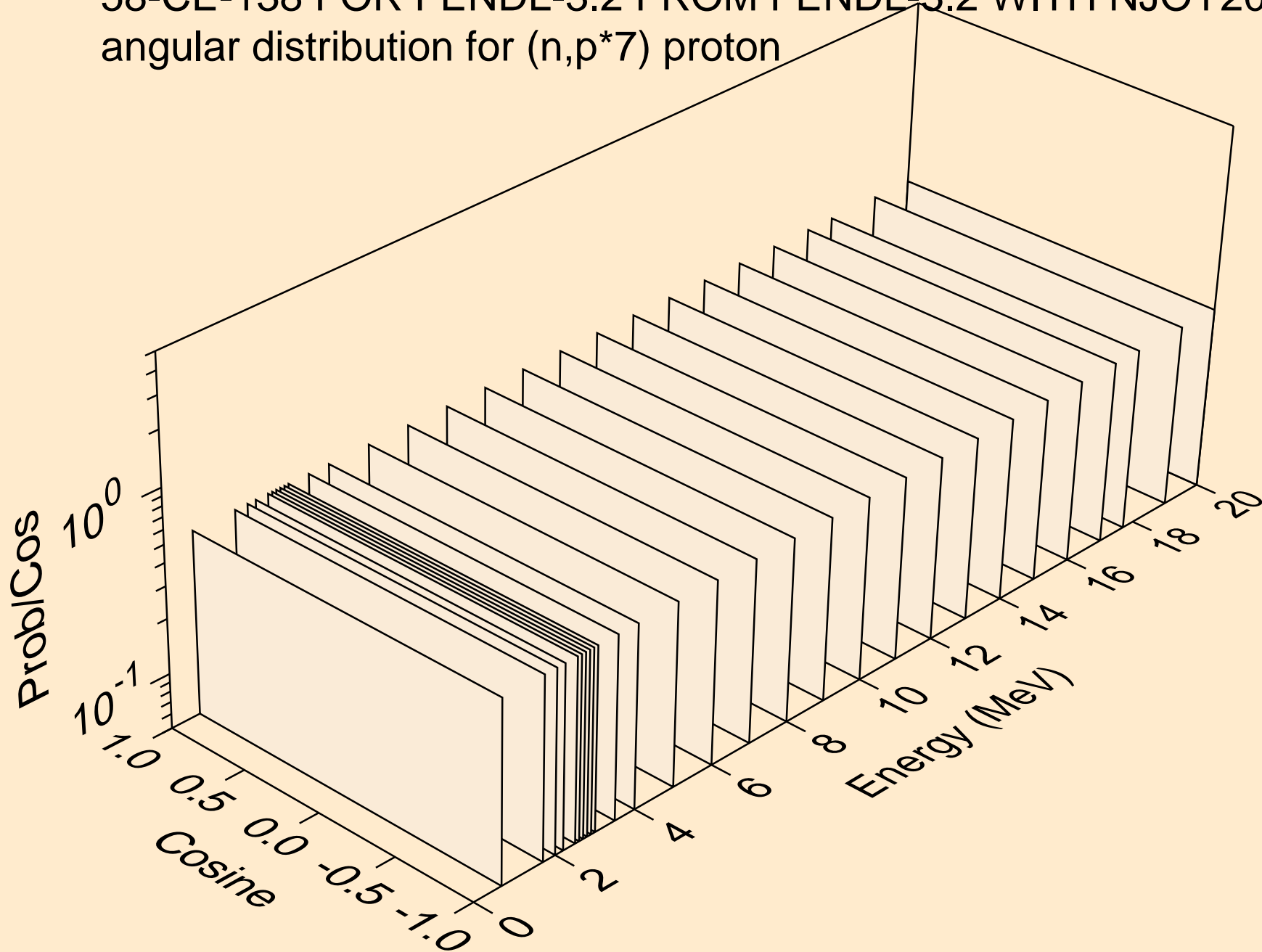
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,p\*5) proton



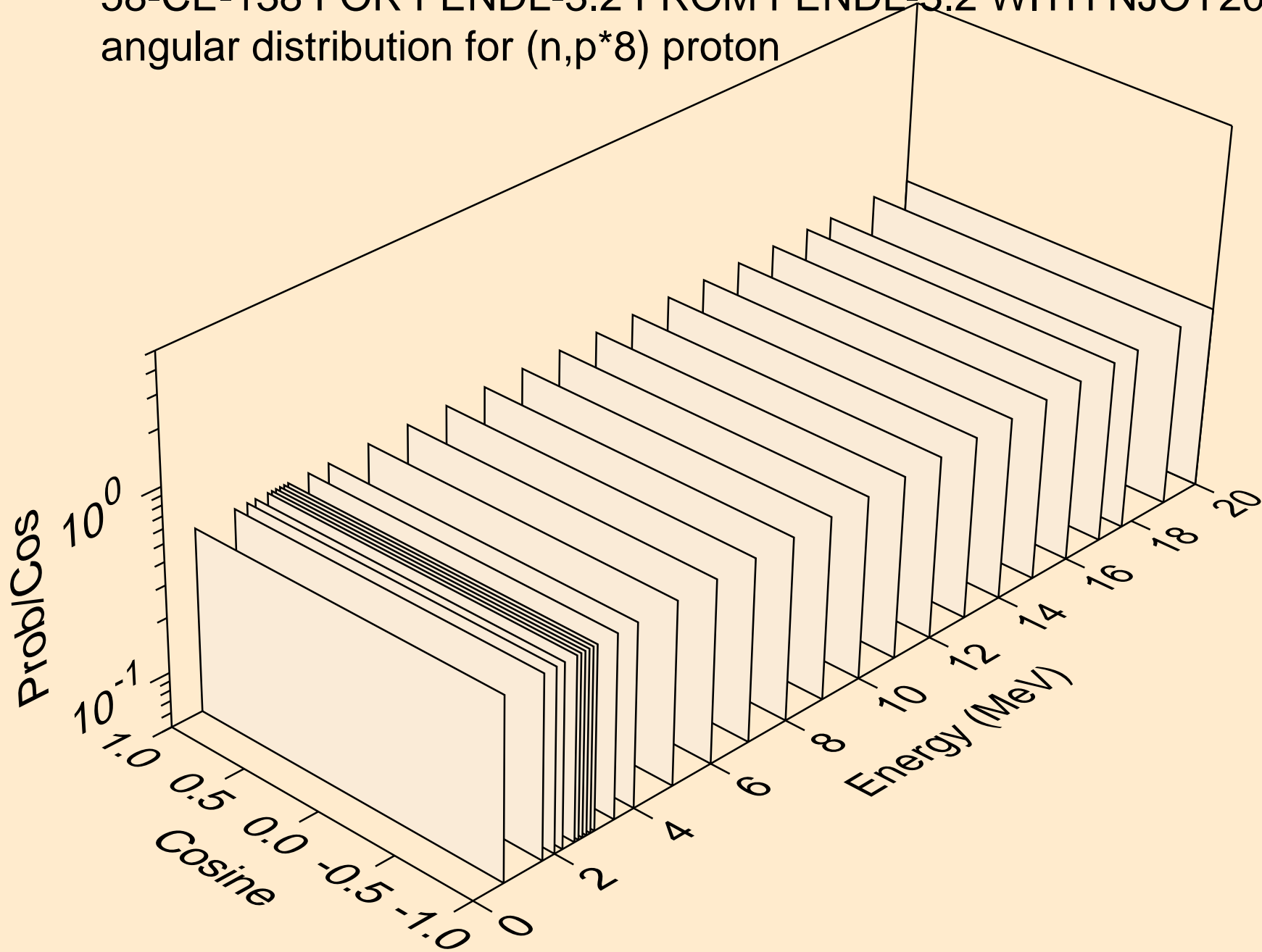
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,p\*6) proton



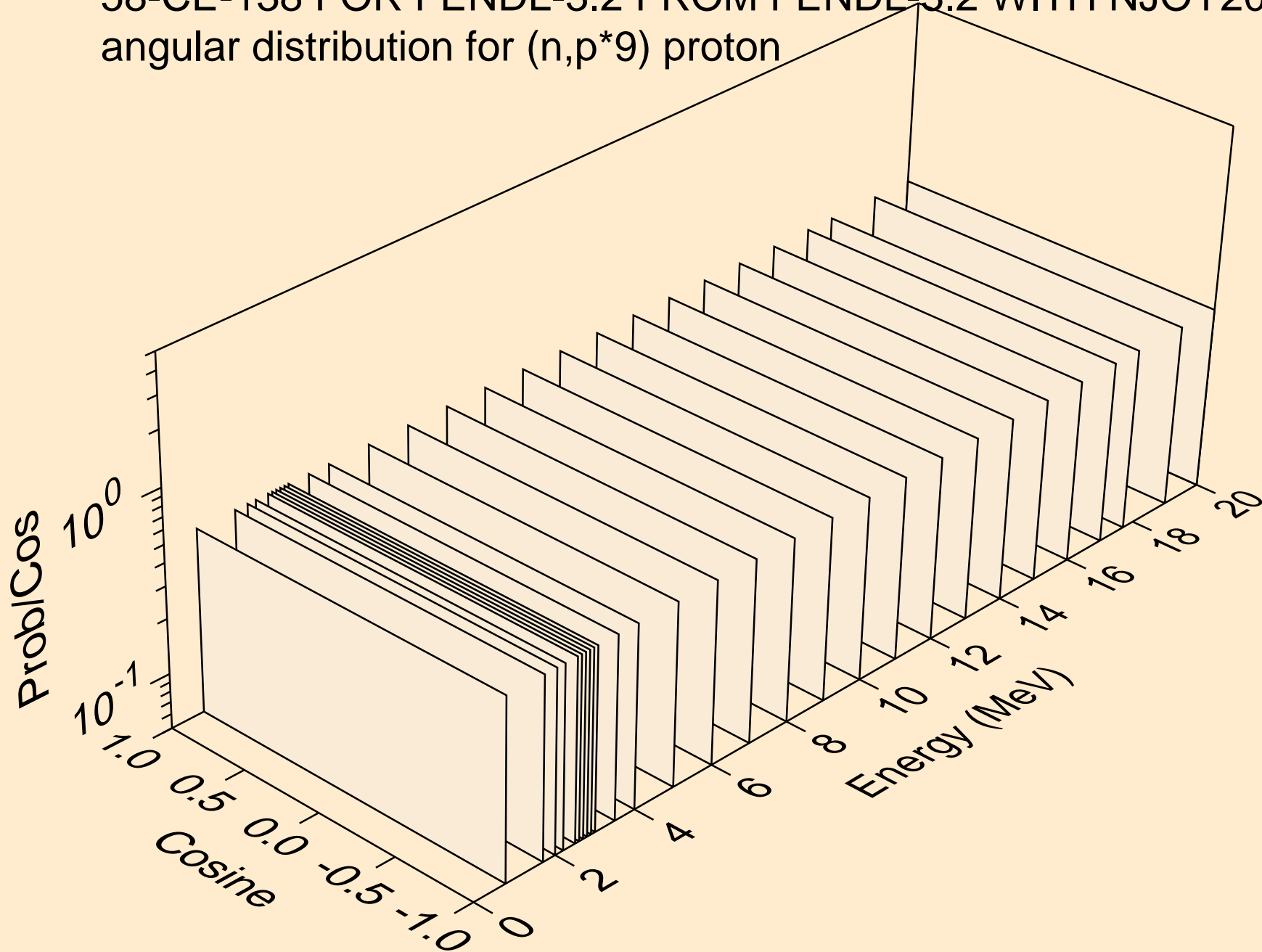
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,p\*7) proton



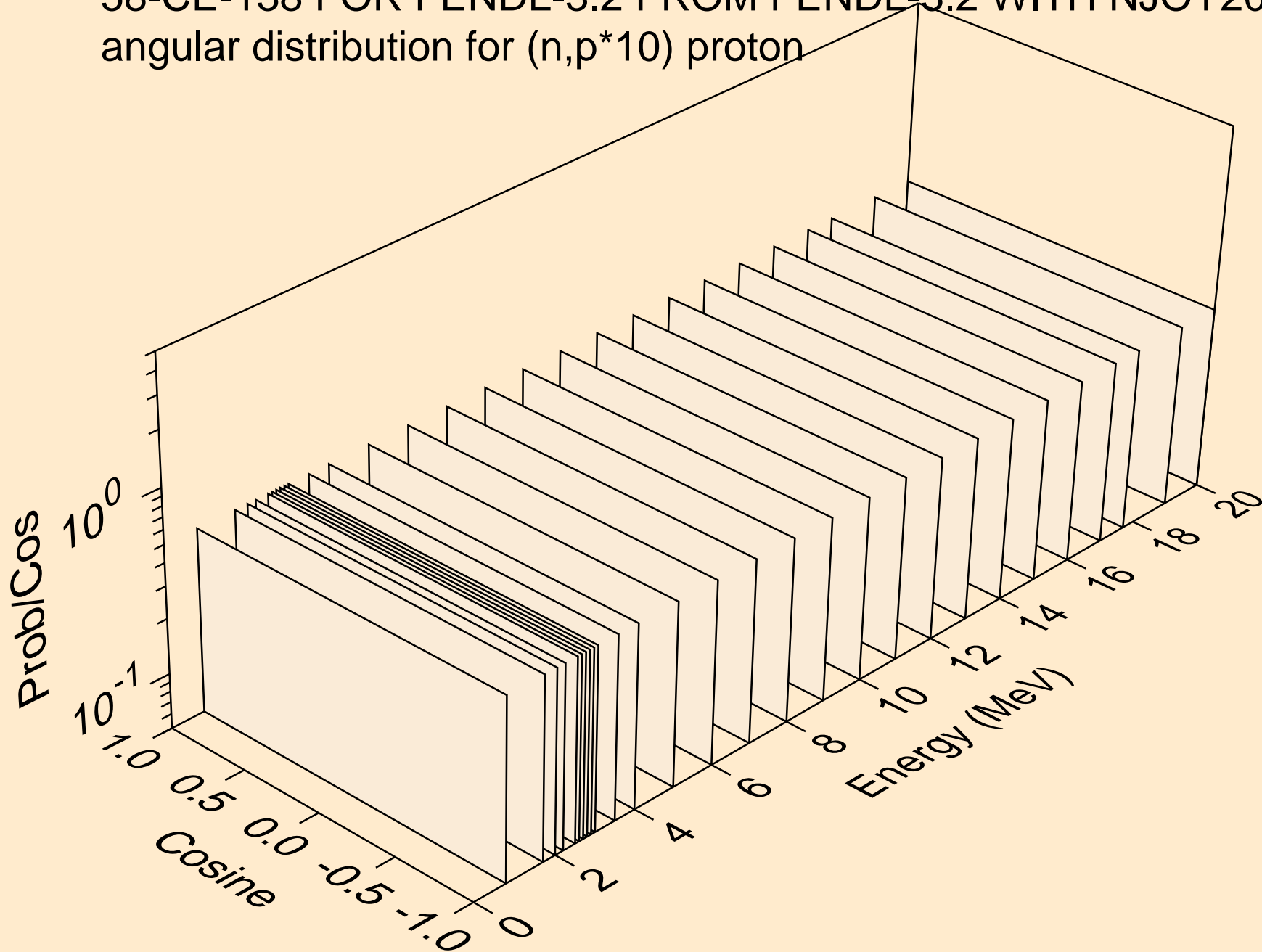
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,p\*8) proton



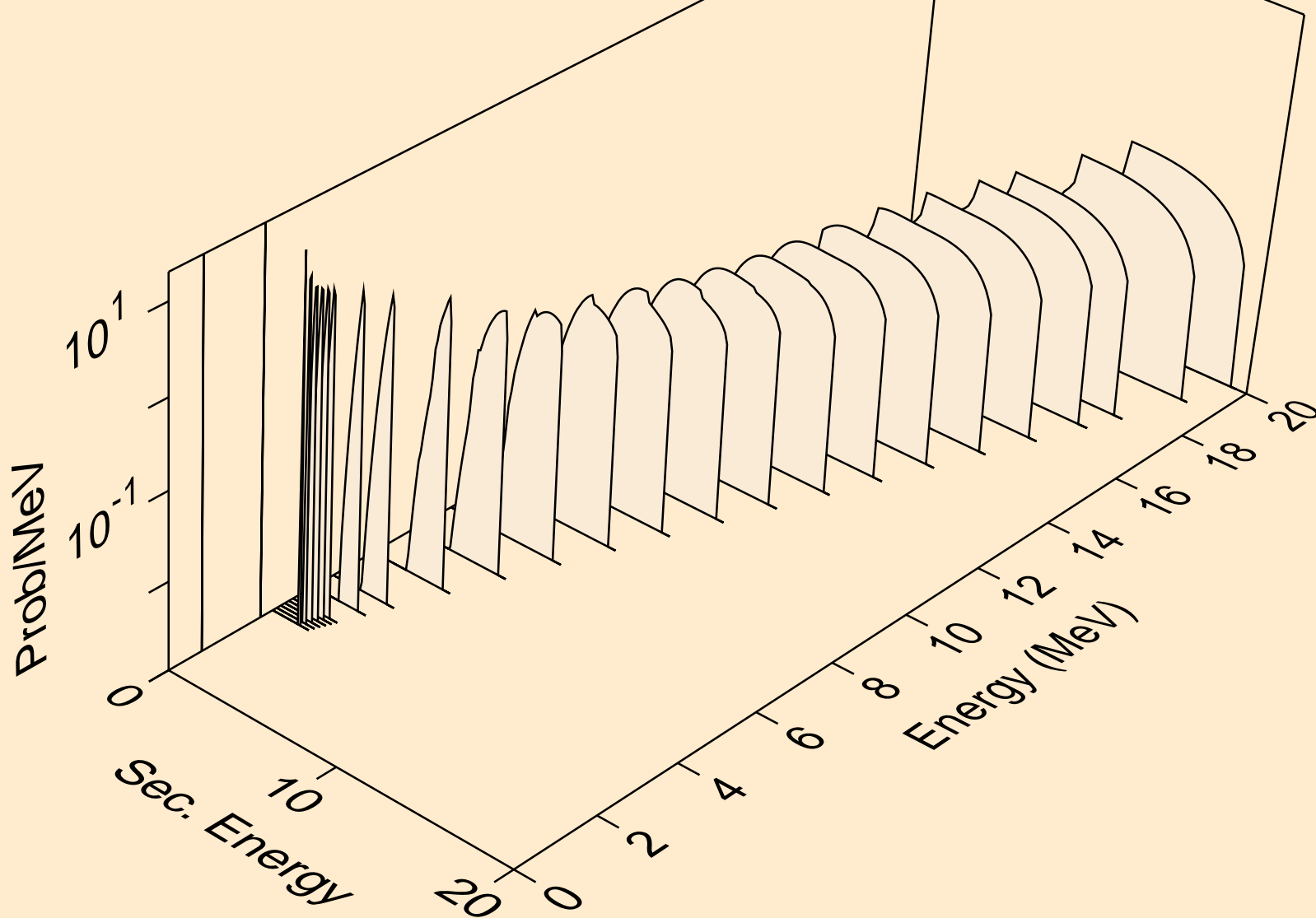
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,p\*9) proton



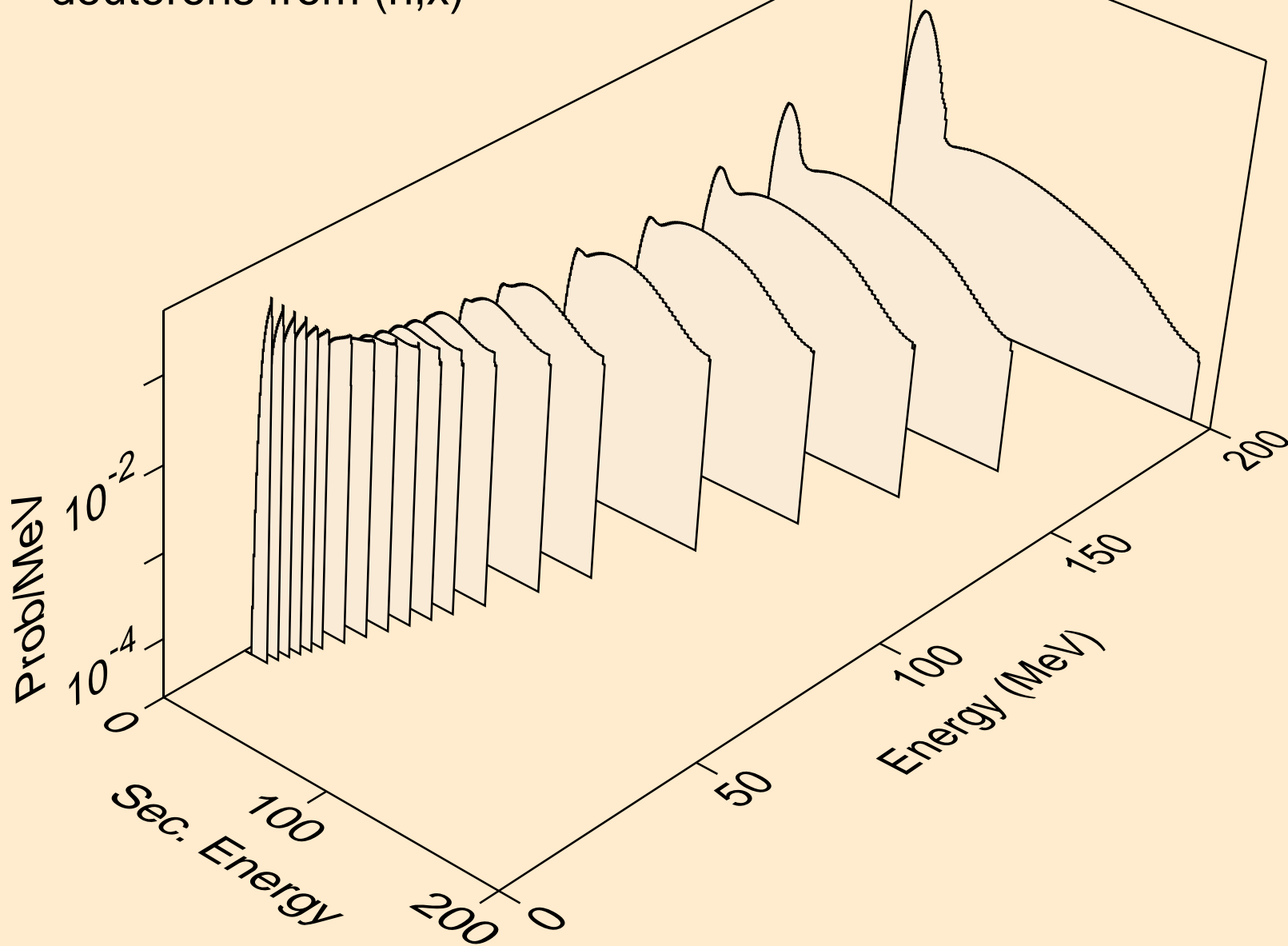
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,p\*10) proton



58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
protons from (n,p\*c)

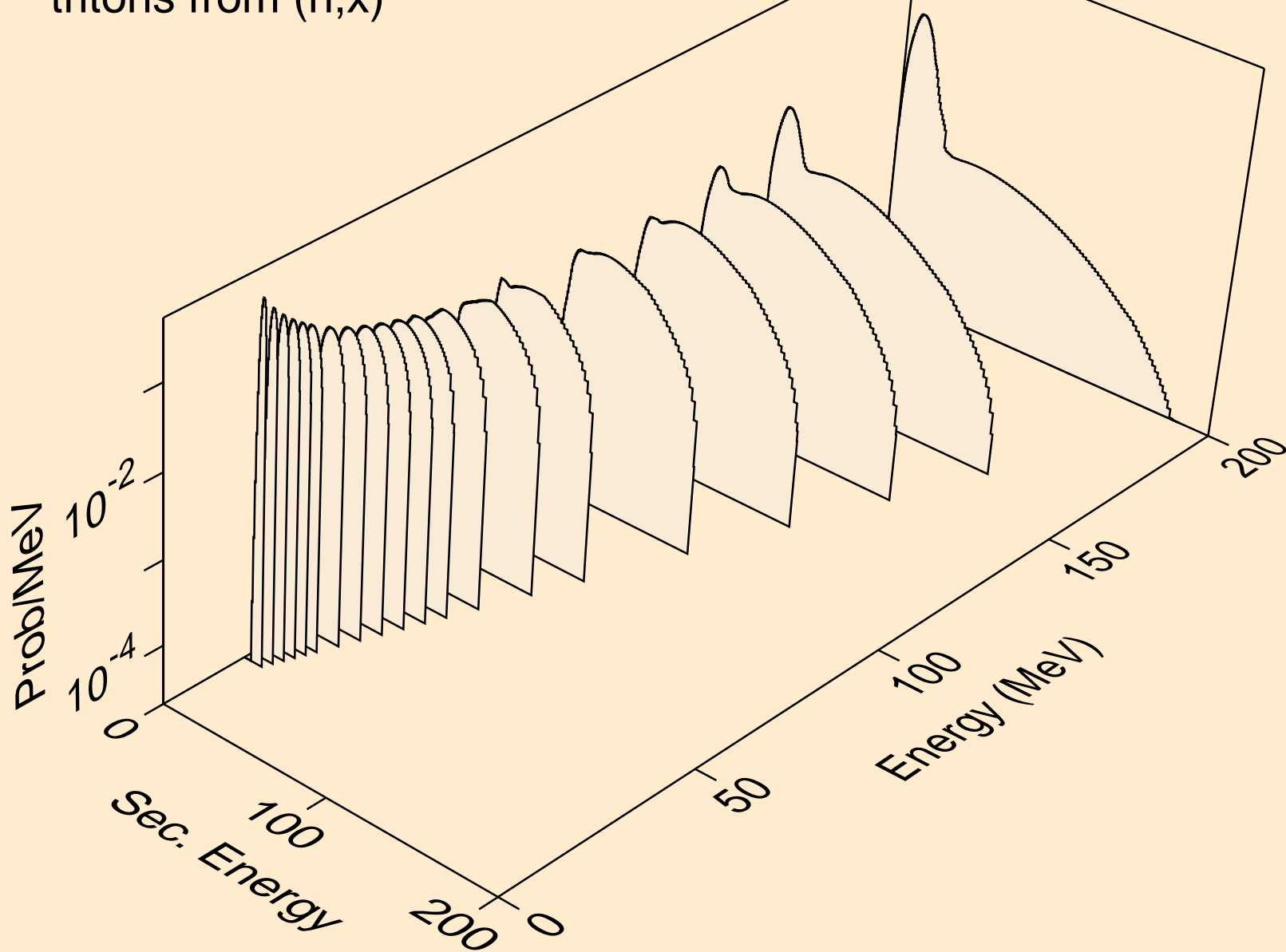


58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
deuterons from (n,x)

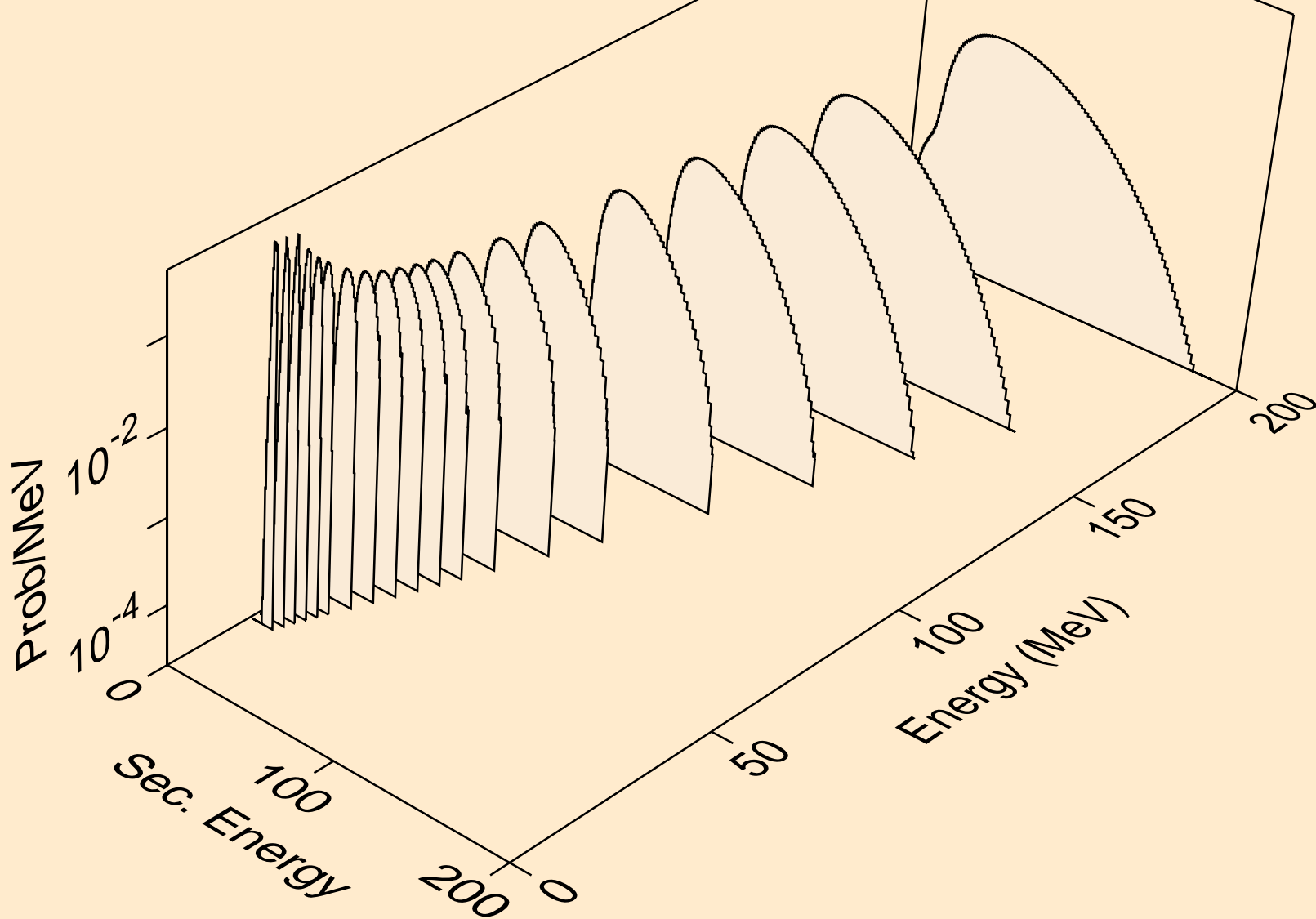




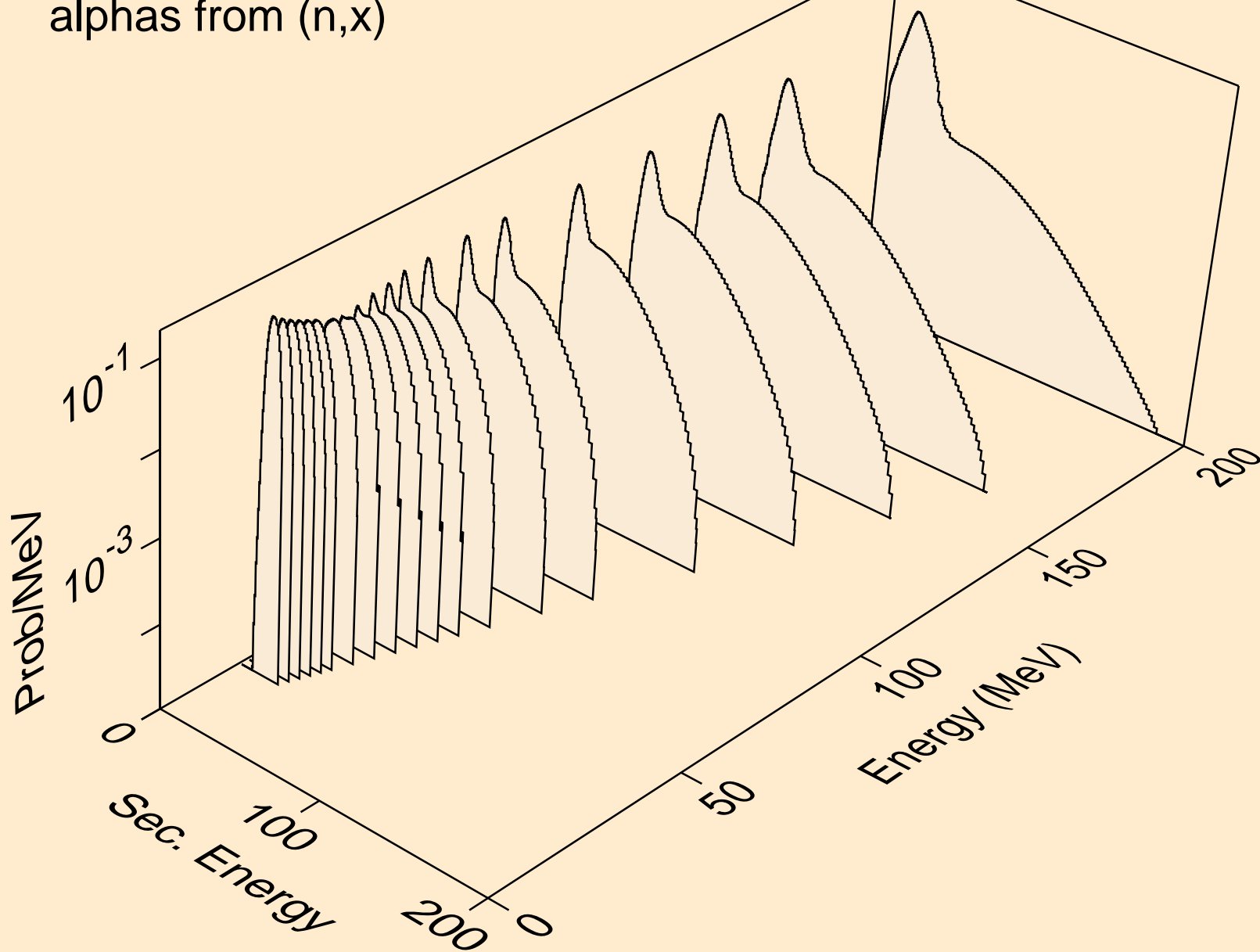
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
tritons from (n,x)



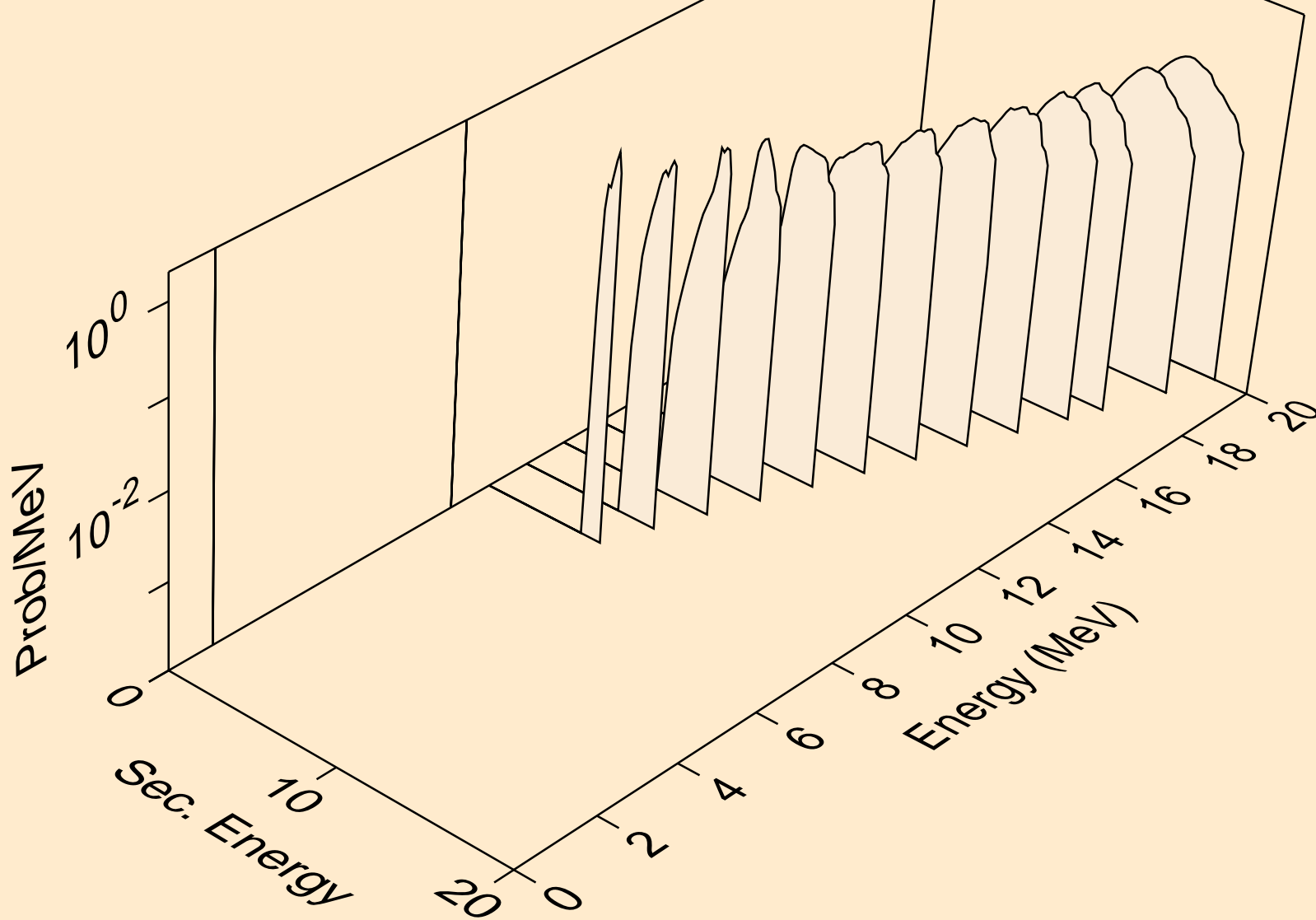
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
he3s from (n,x)



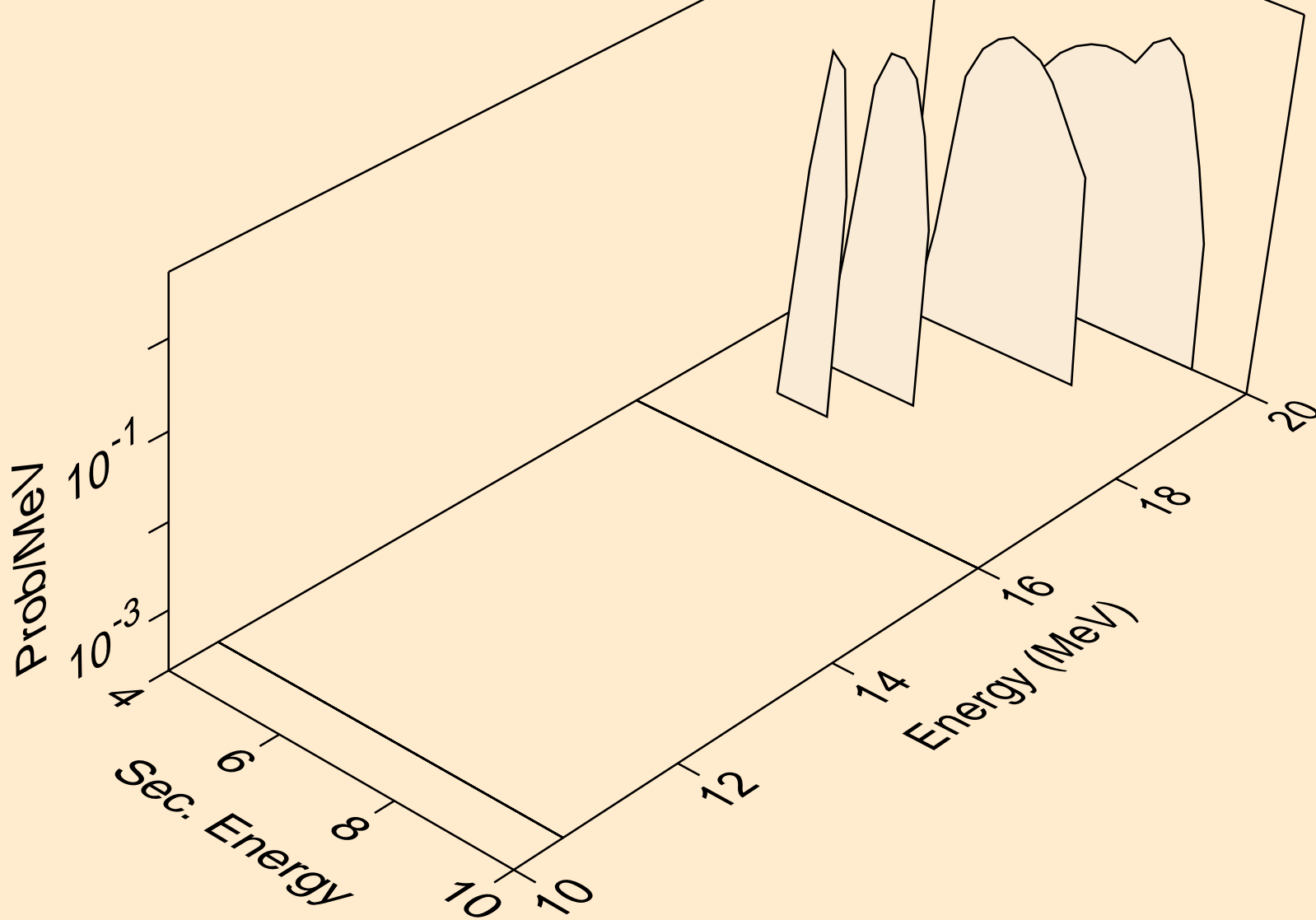
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
alphas from (n,x)



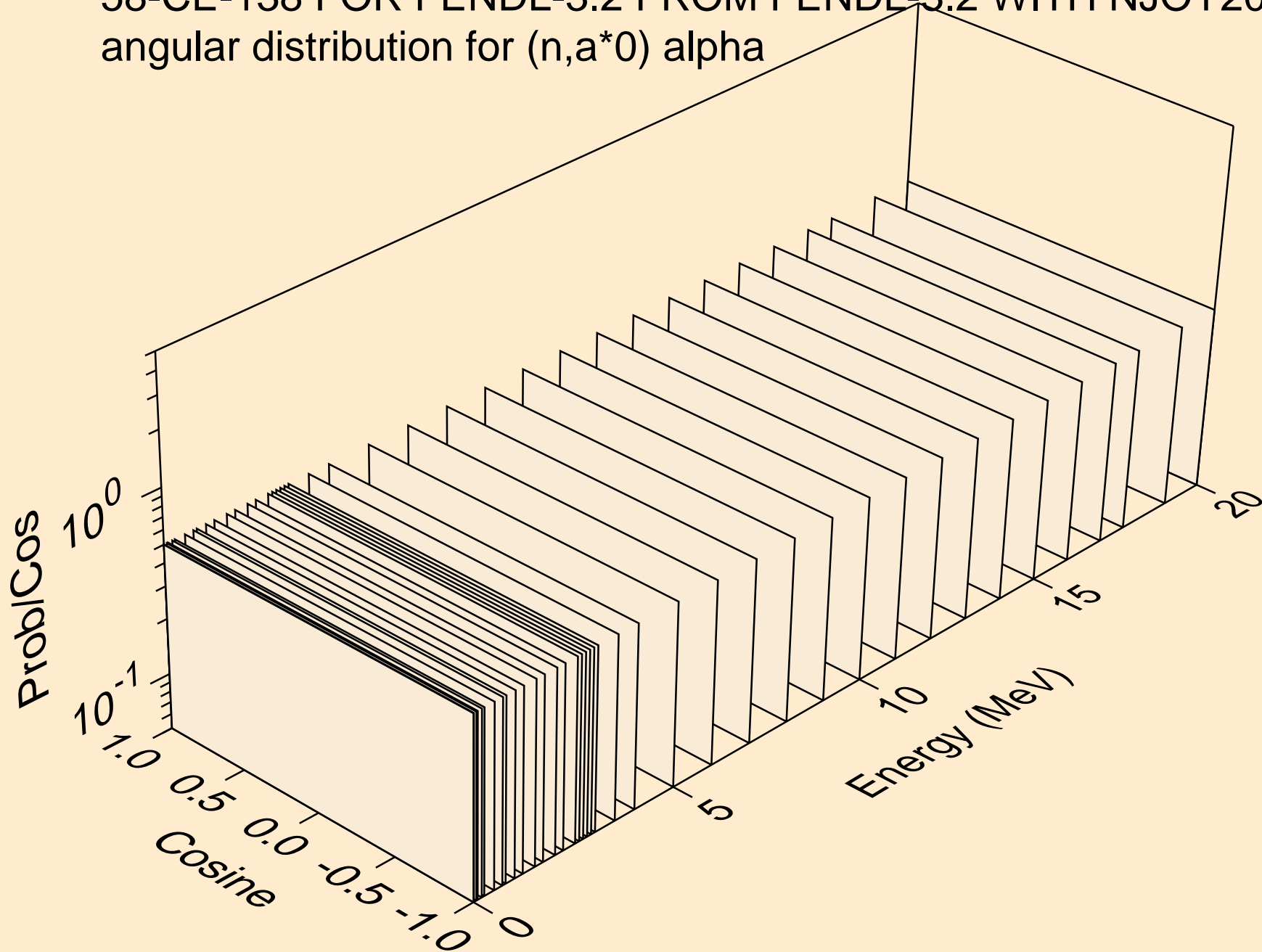
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
alphas from (n,n\*)a



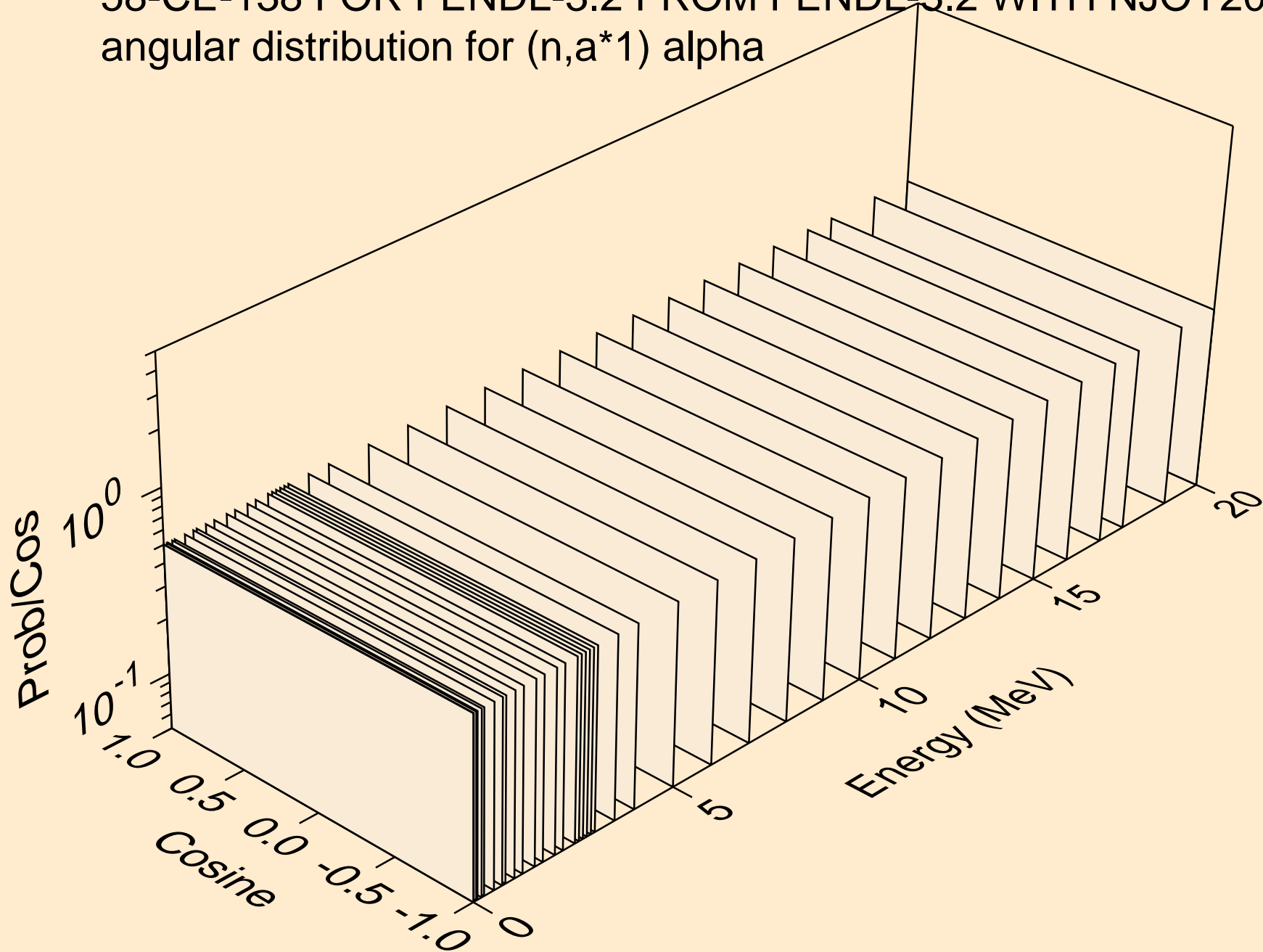
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
alphas from (n,2n)a



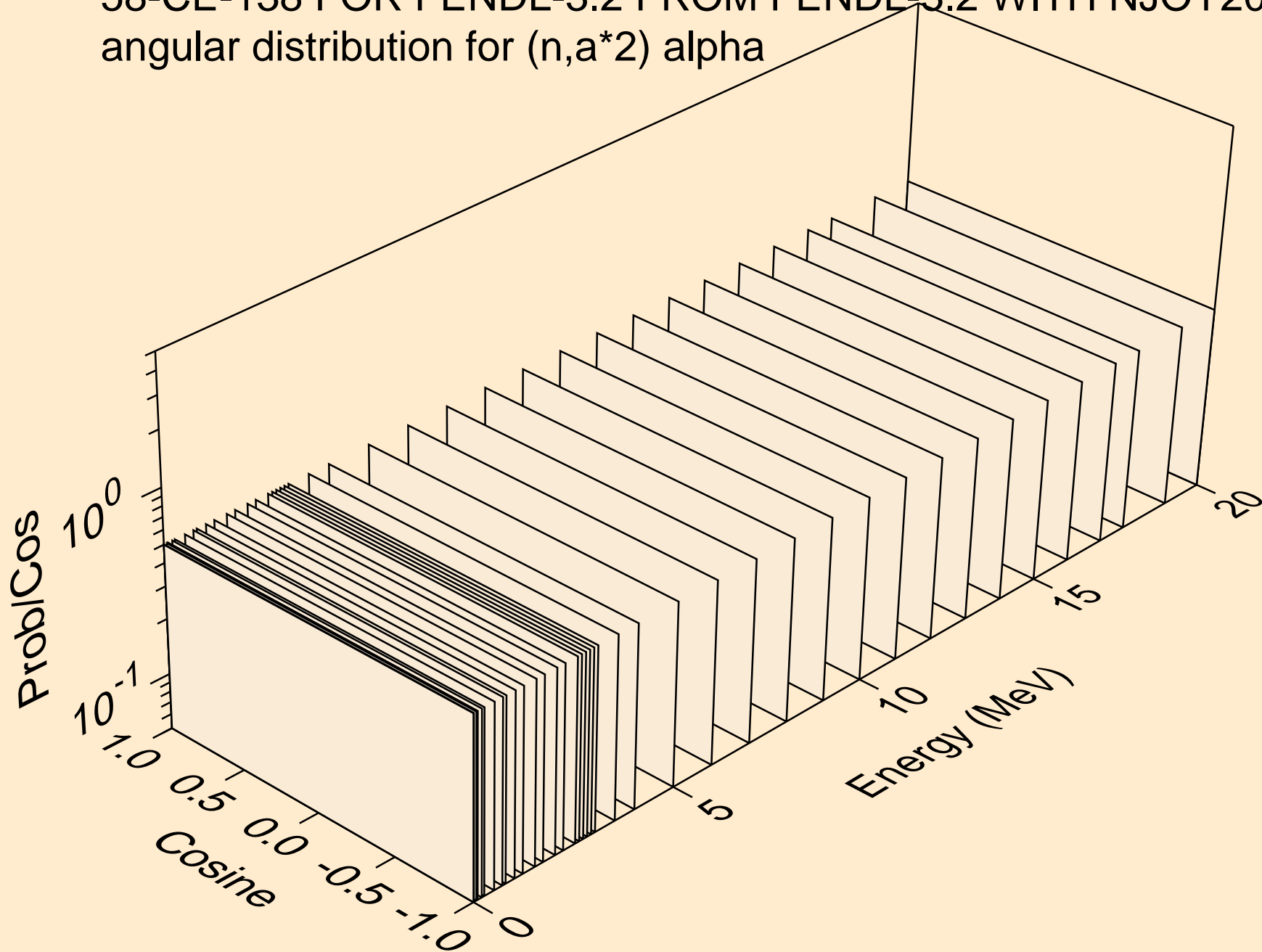
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,a\*0) alpha



58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,a\*1) alpha

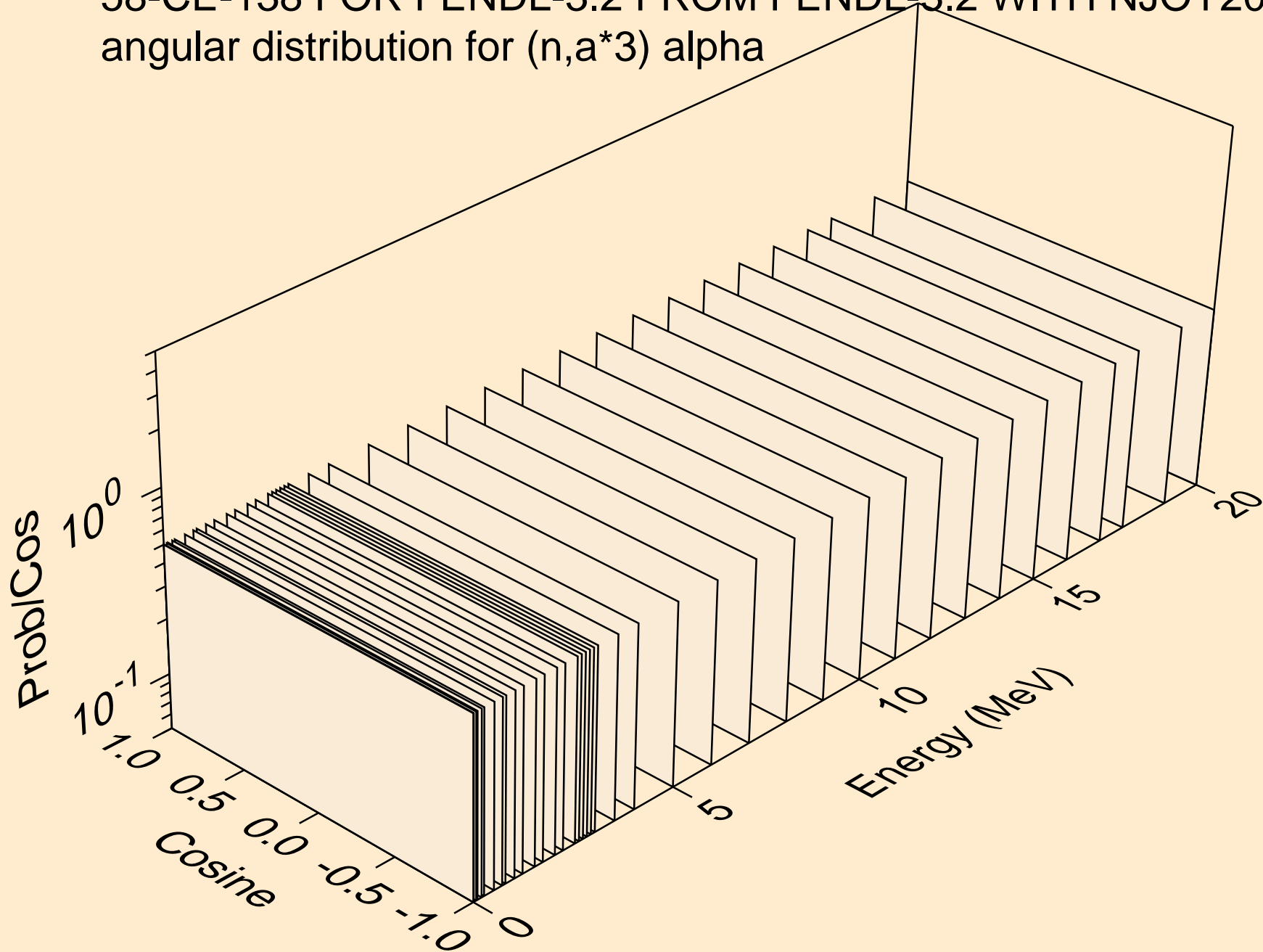


58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,a\*2) alpha

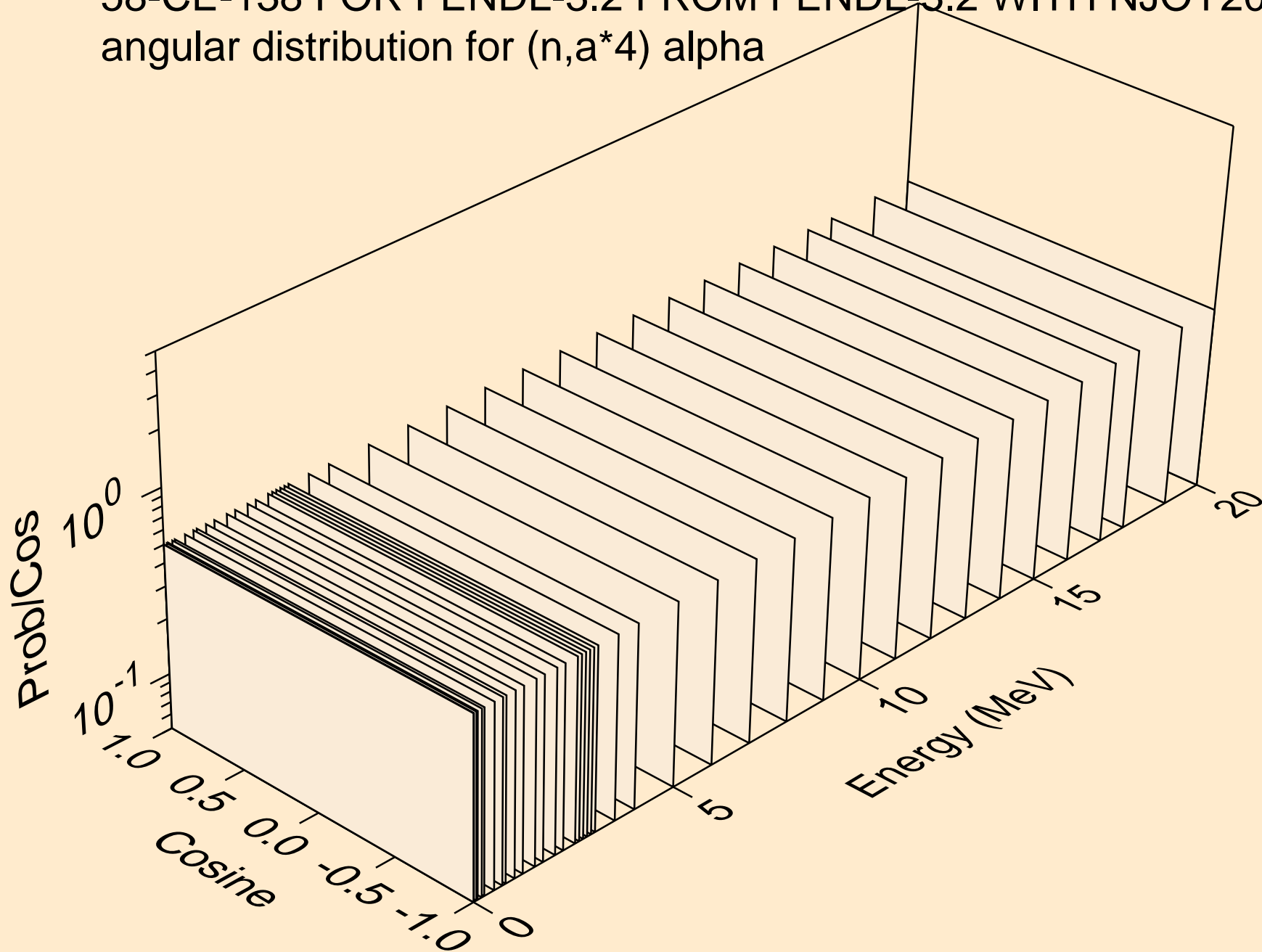




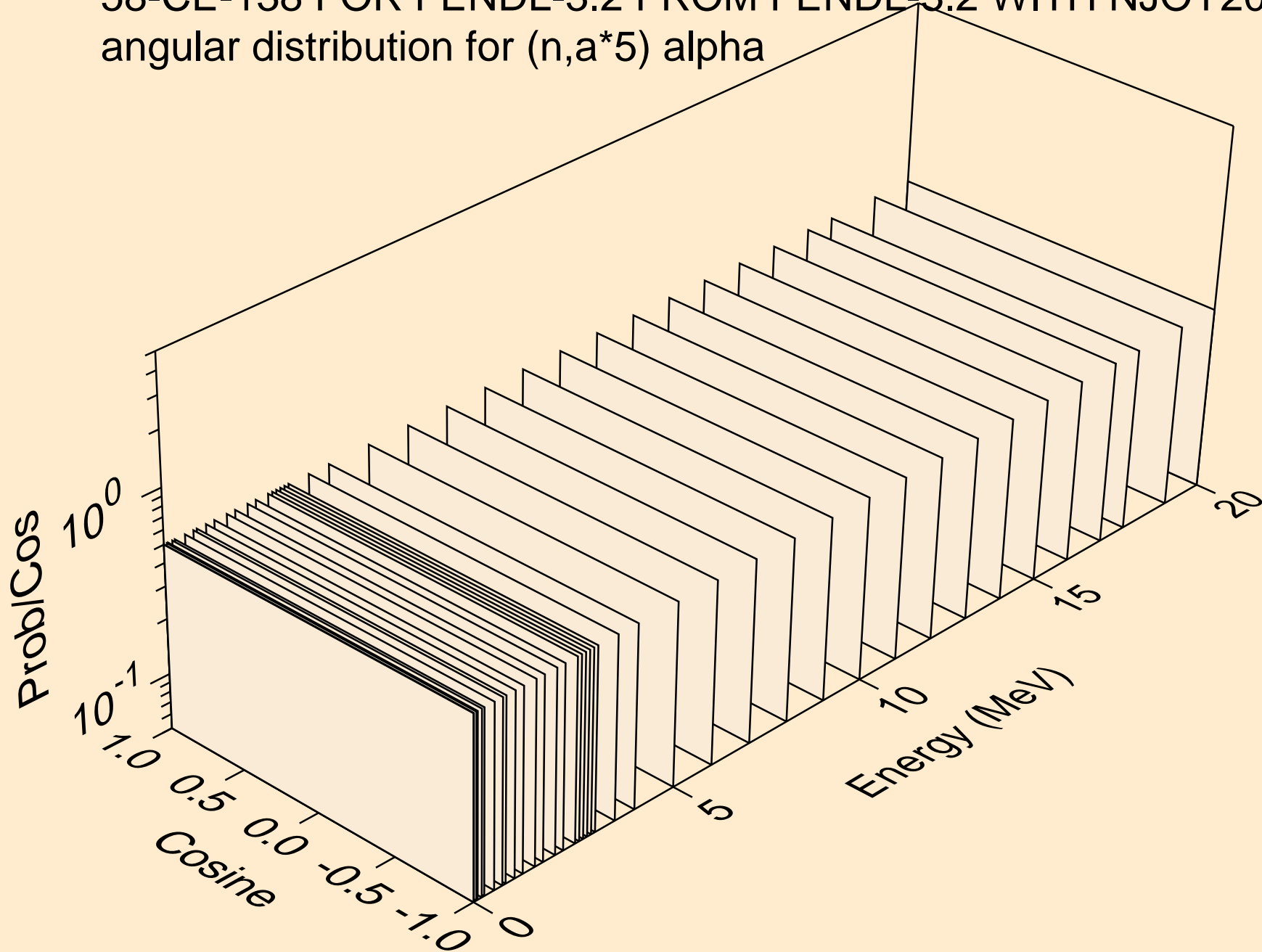
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,a\*3) alpha



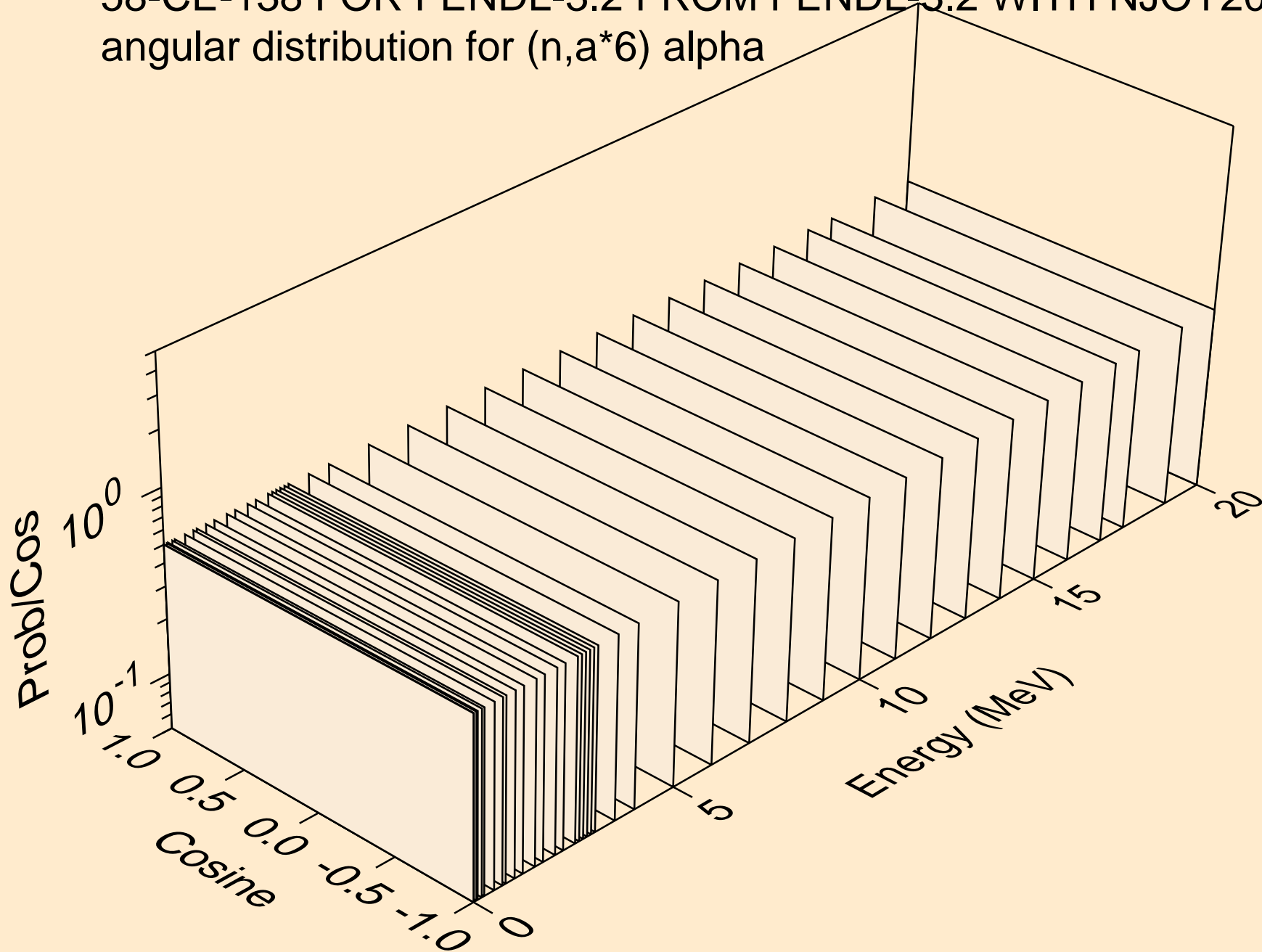
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,a\*4) alpha



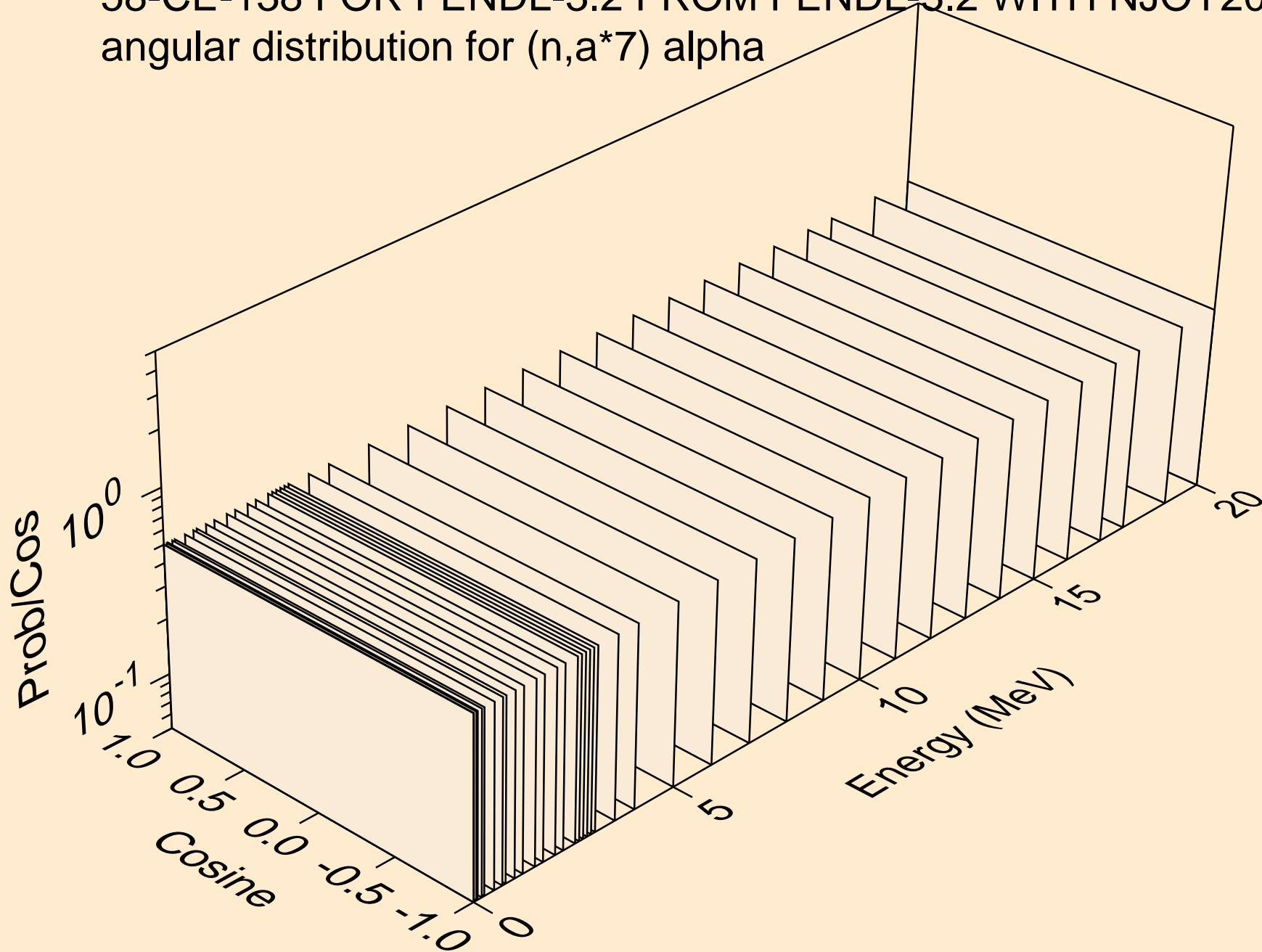
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,a\*5) alpha



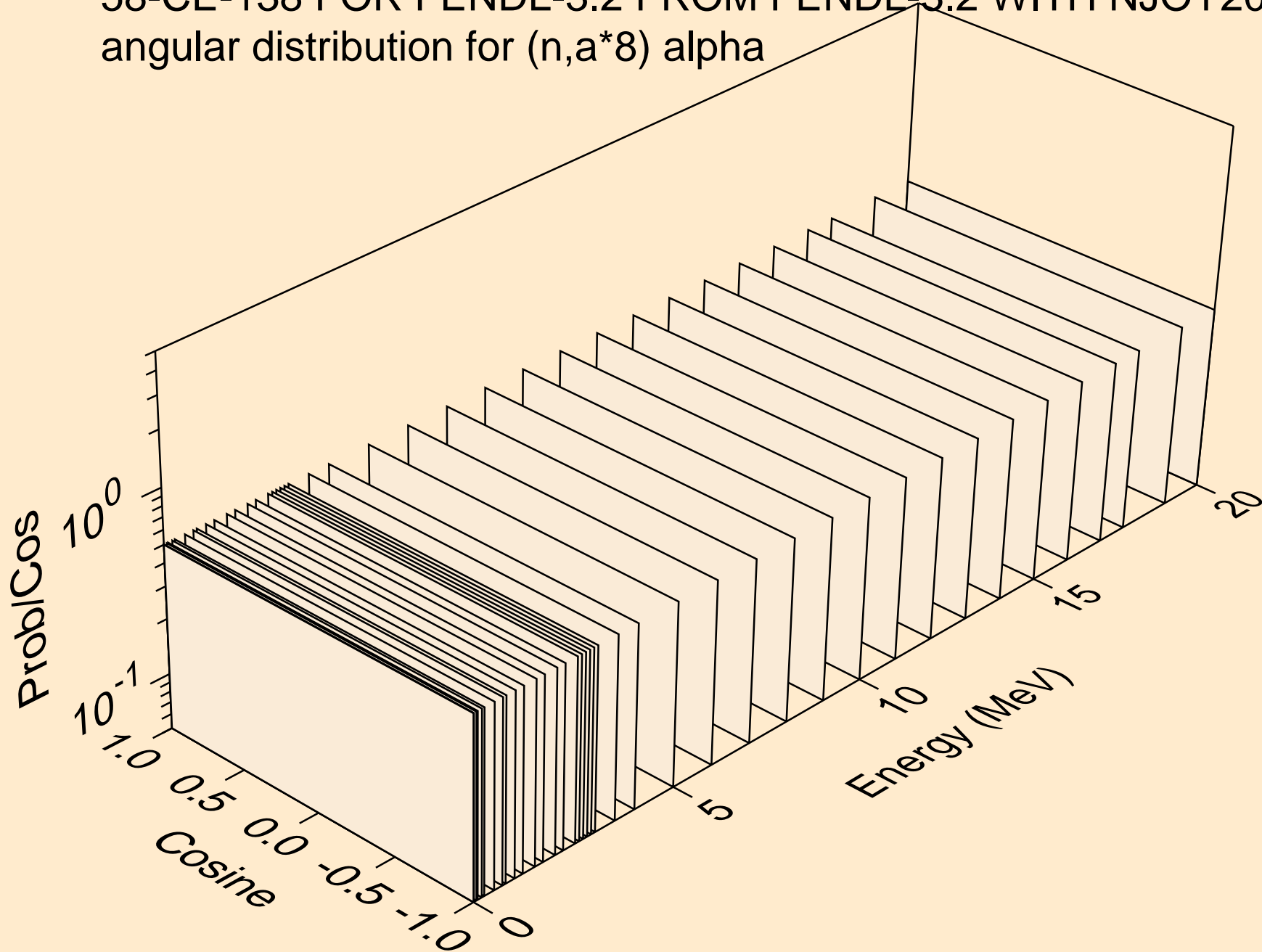
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,a\*6) alpha



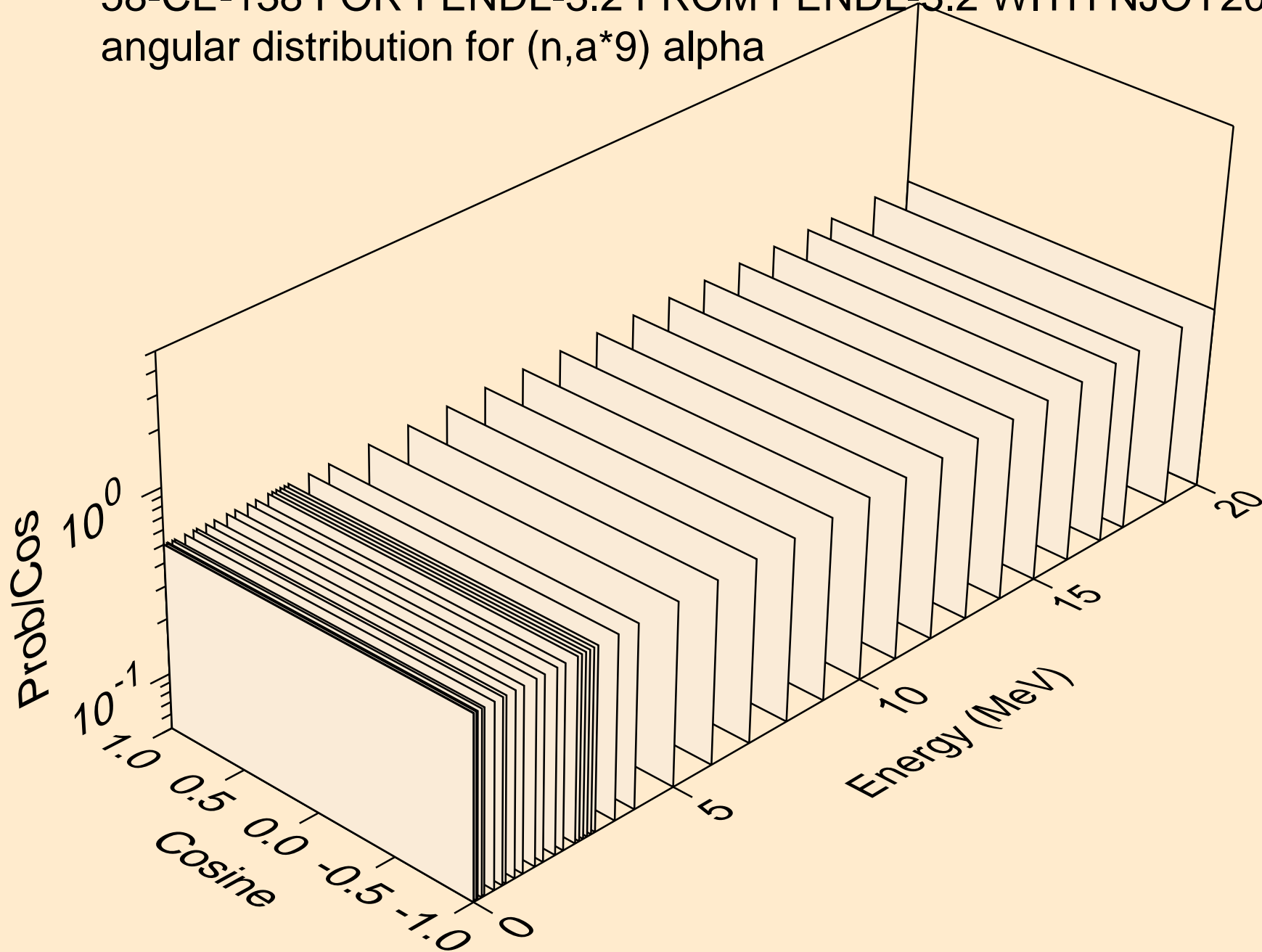
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,a\*7) alpha



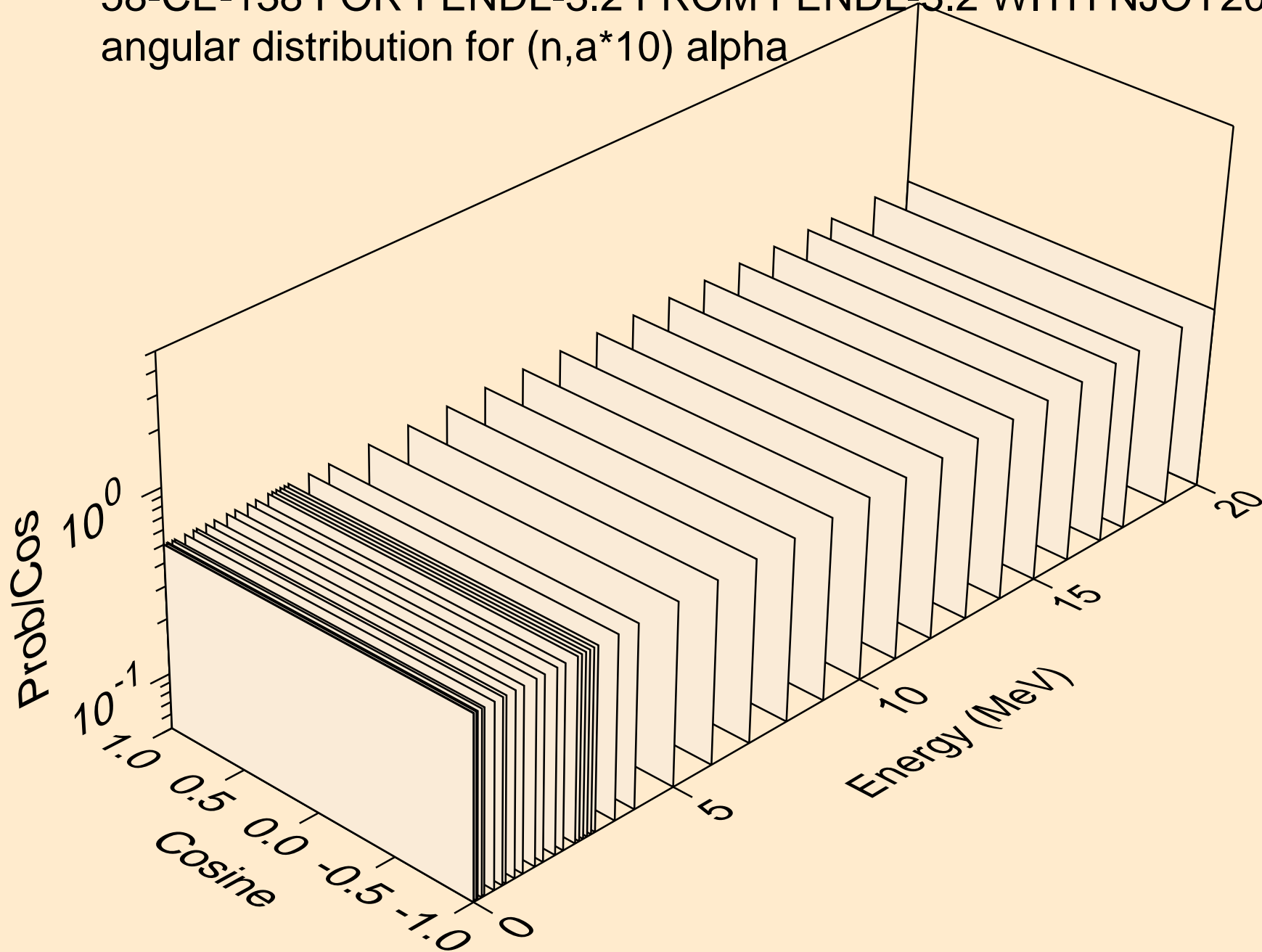
58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,a\*8) alpha



58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,a\*9) alpha



58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
angular distribution for (n,a\*10) alpha





58-CE-138 FOR FENDL-3.2 FROM FENDL-3.2 WITH NJOY2016.60  
alphas from (n,a\*c)

