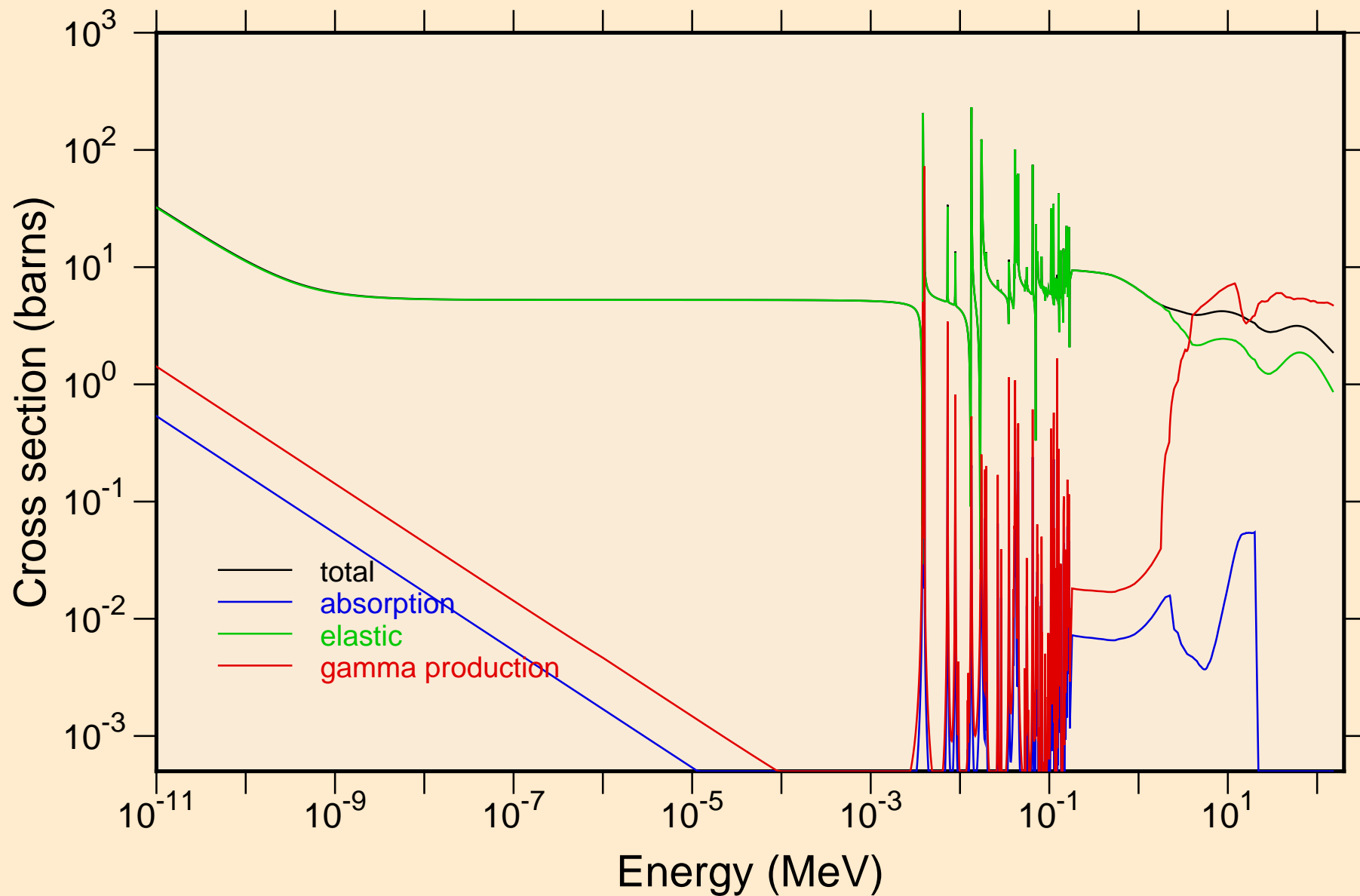
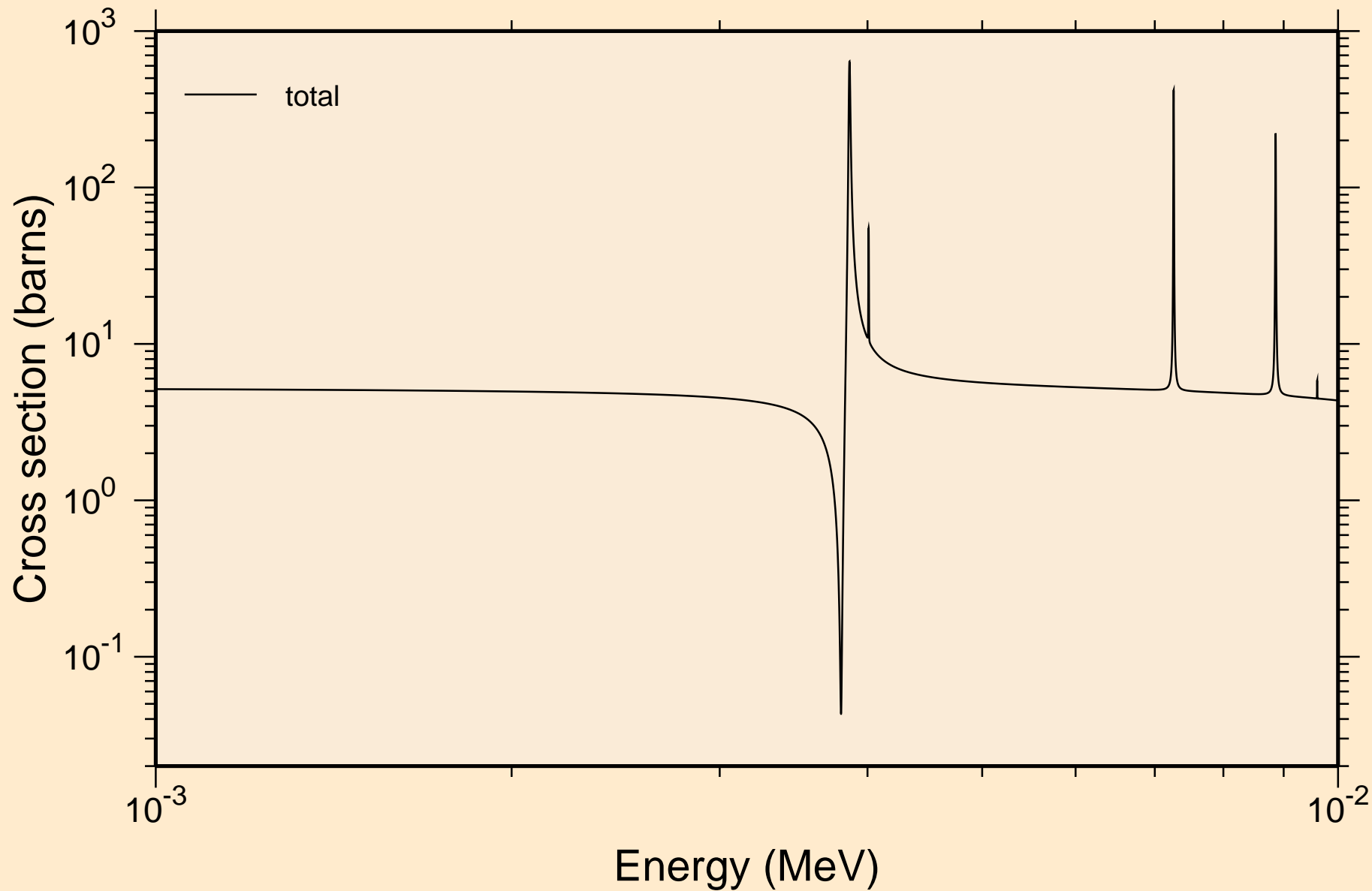


# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+

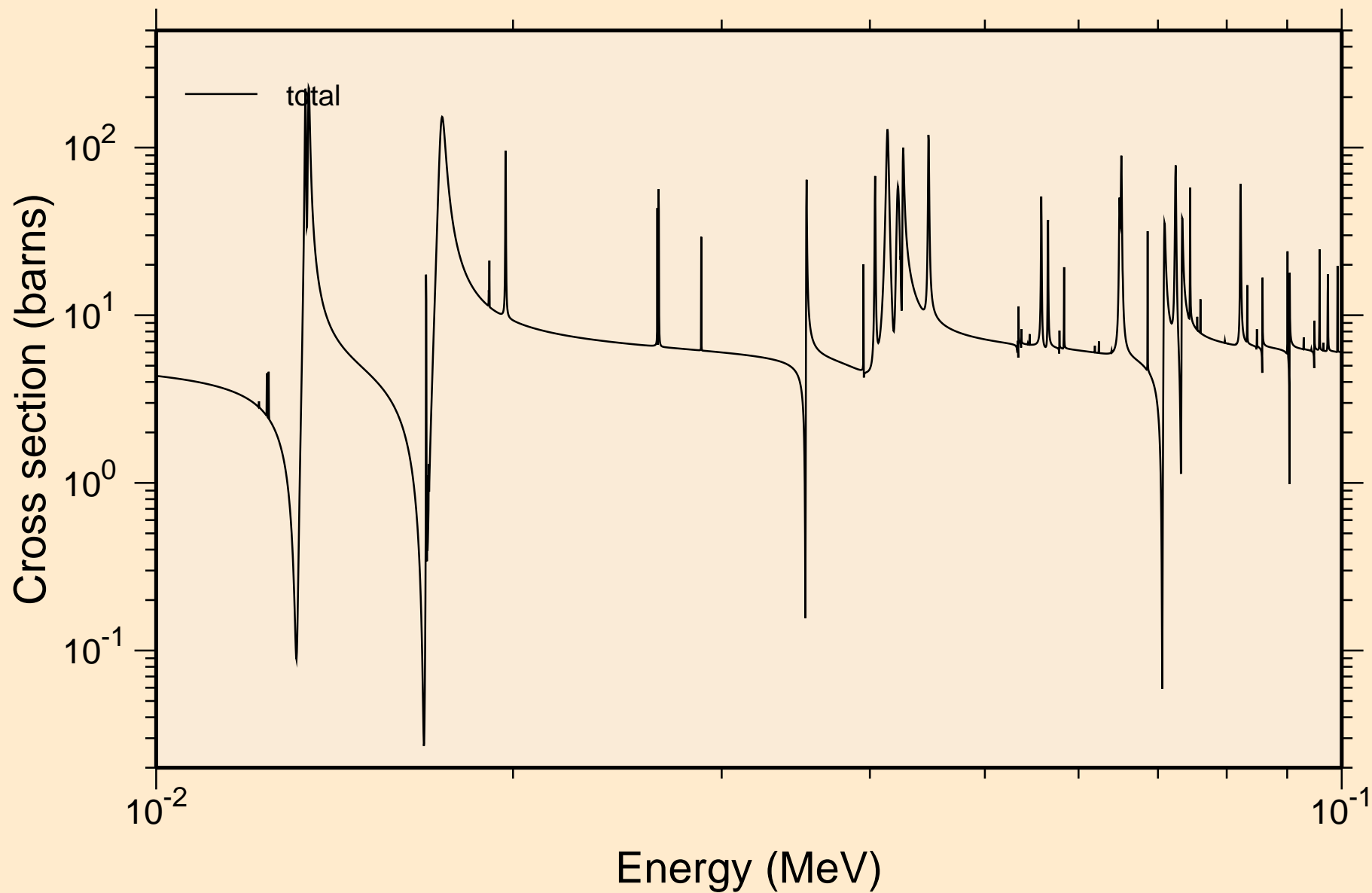
## Principal cross sections



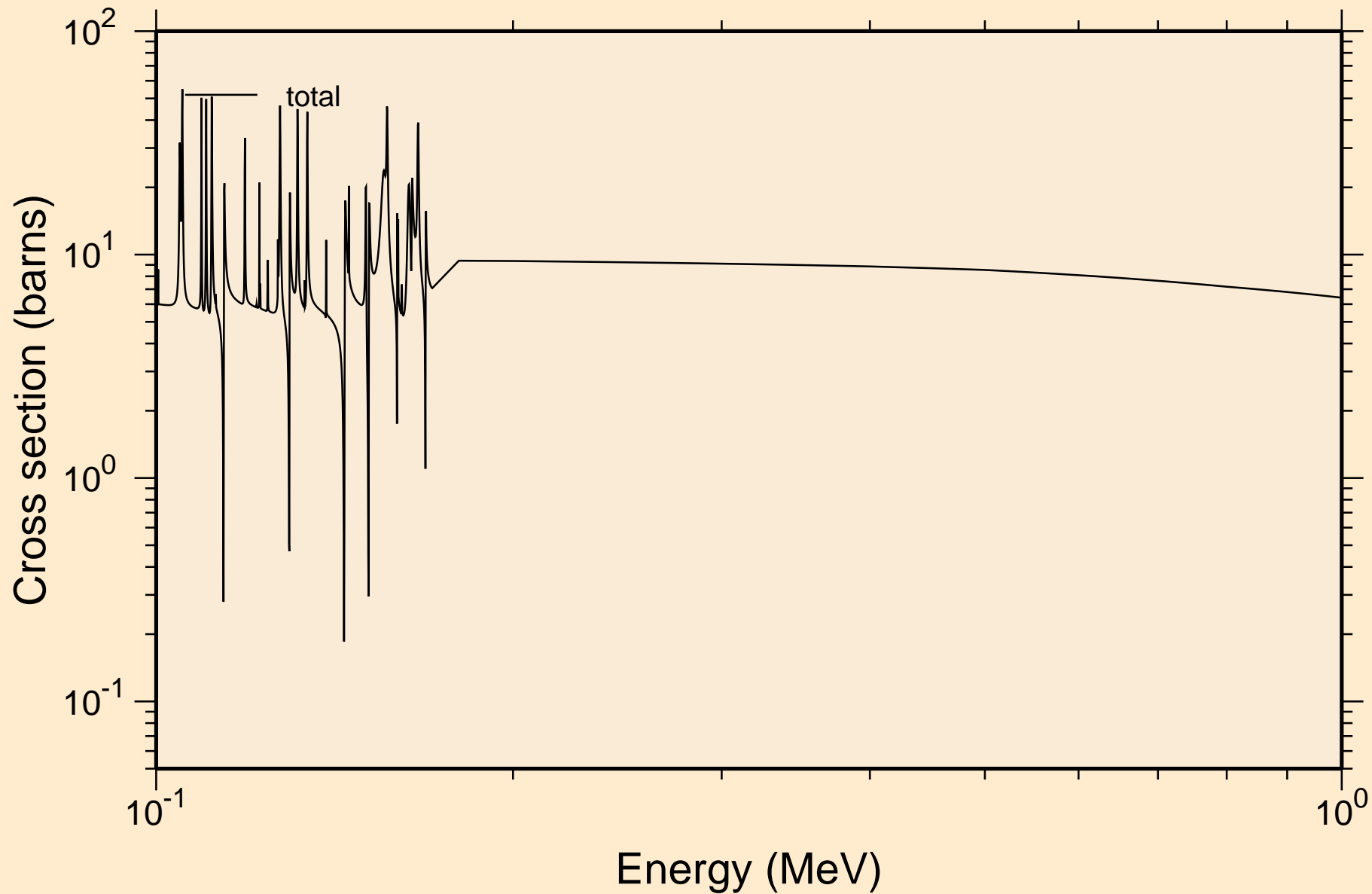
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
resonance total cross section



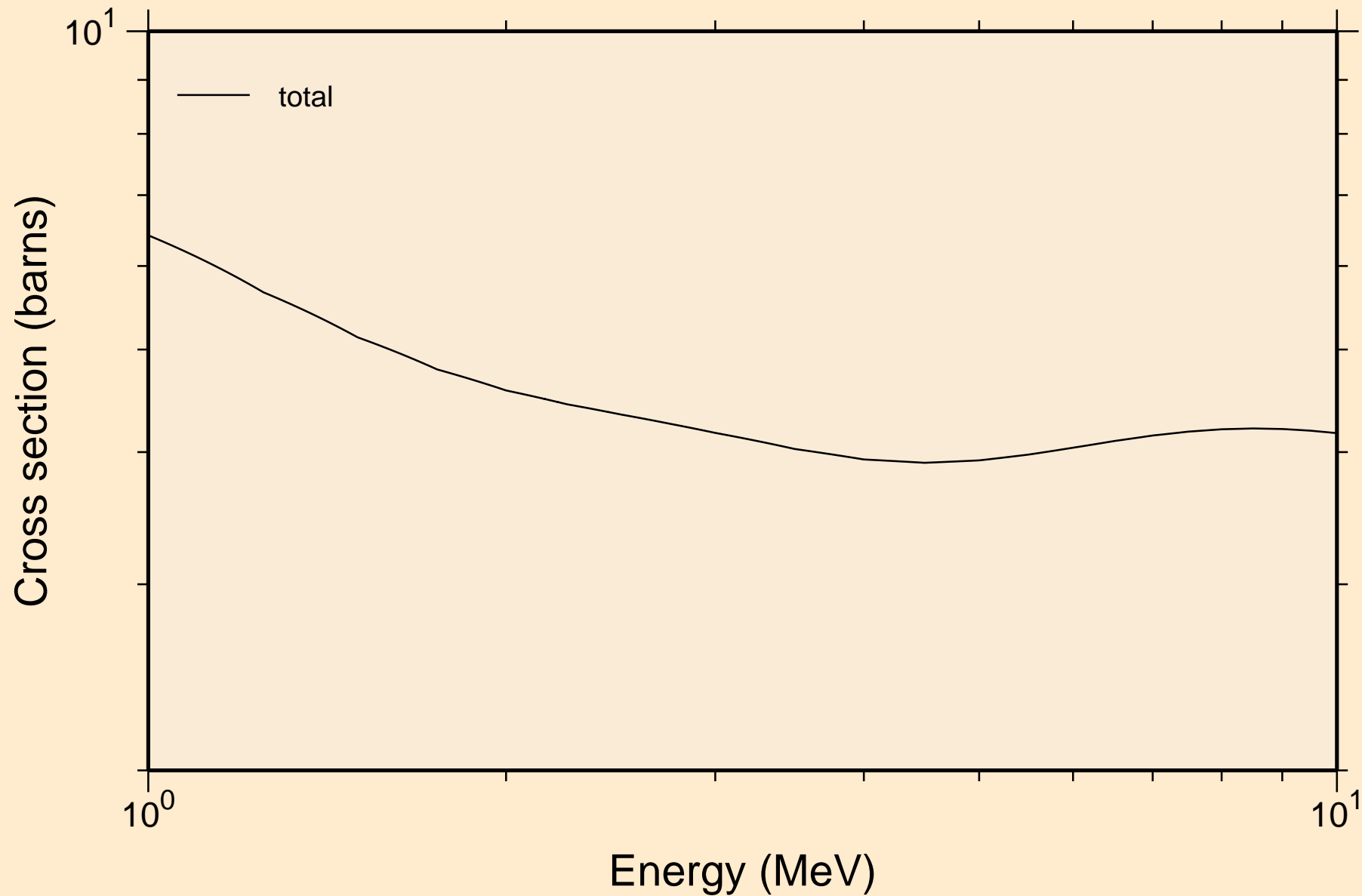
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
resonance total cross section



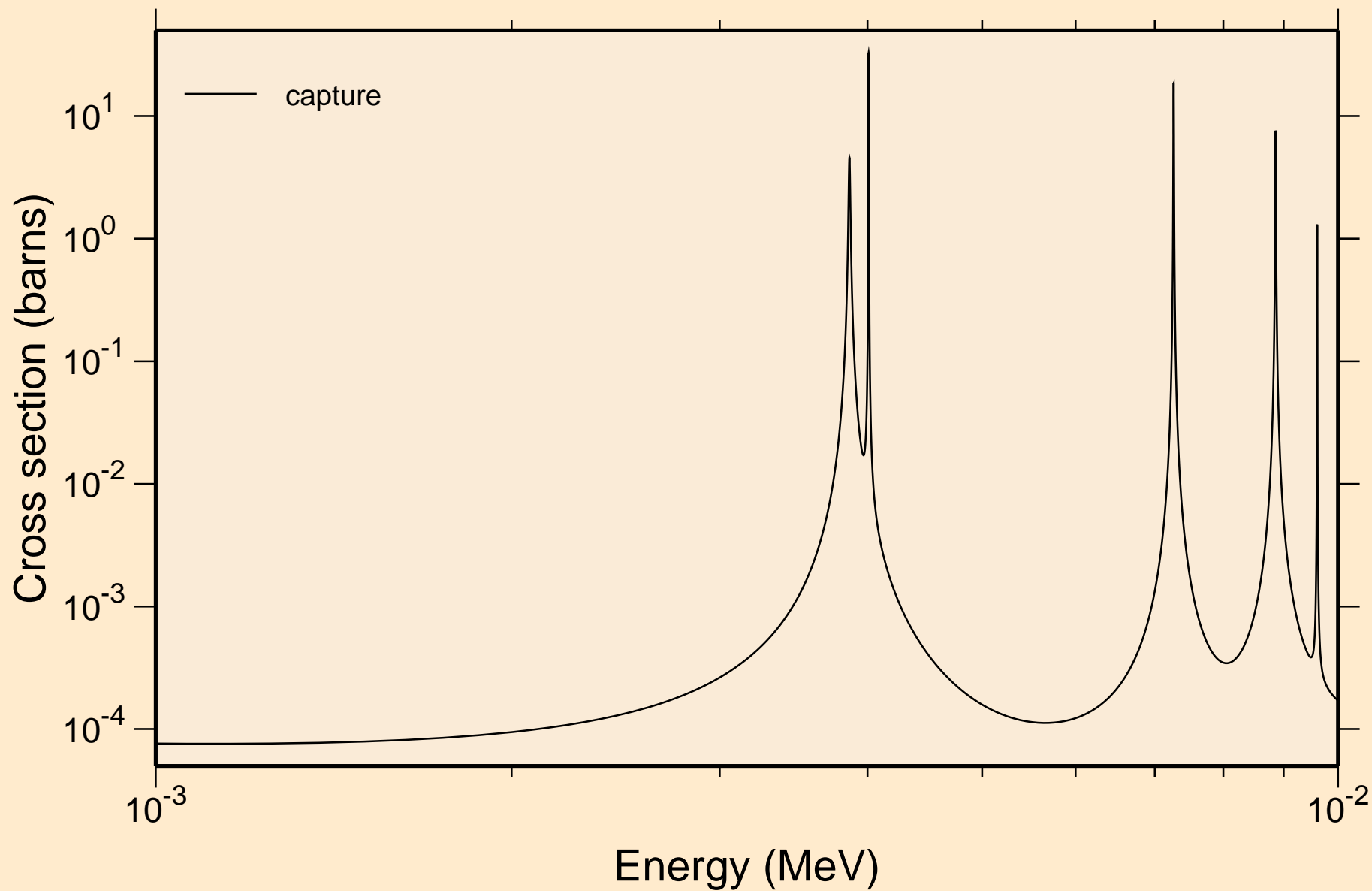
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
resonance total cross section



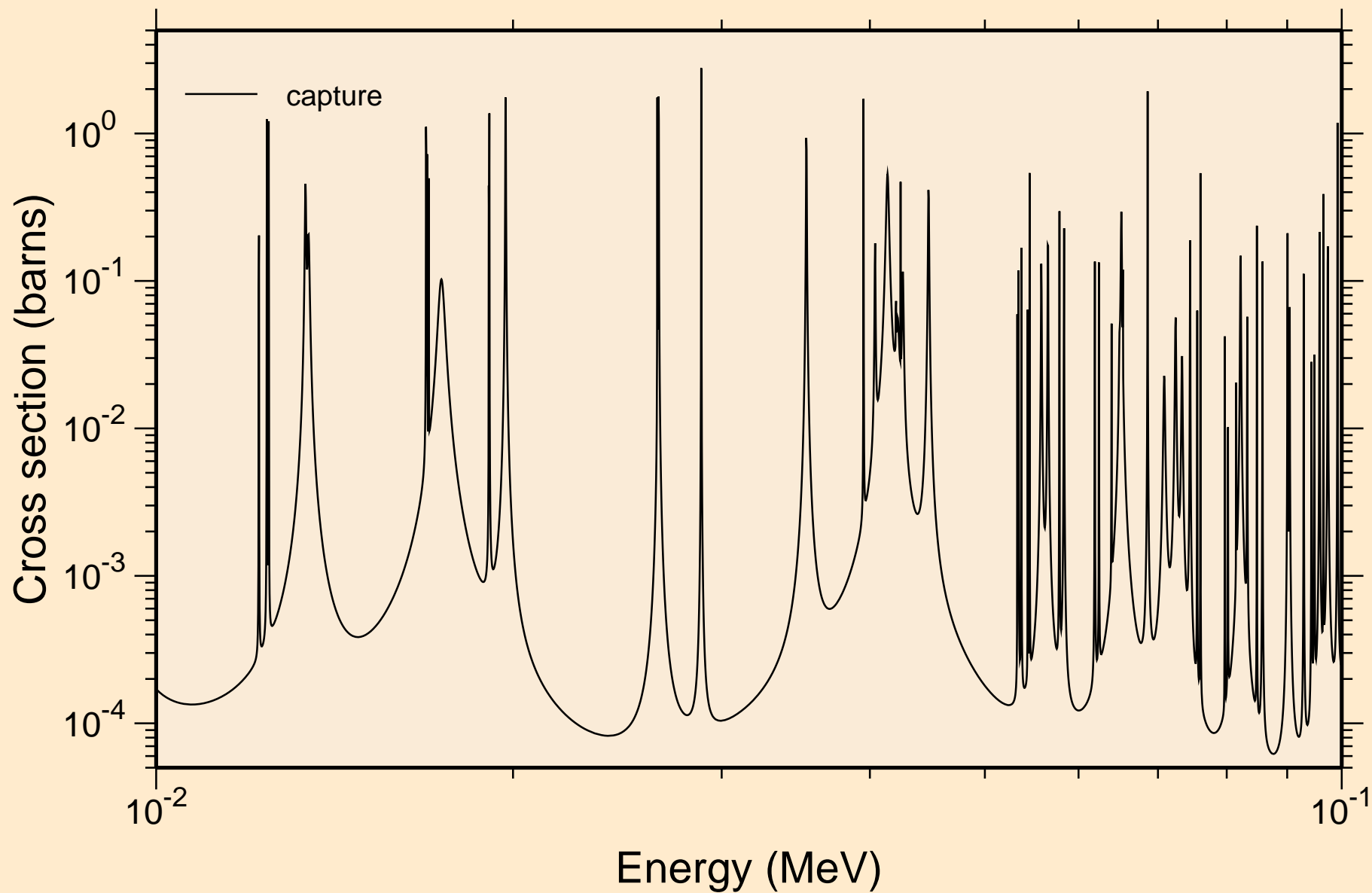
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
resonance total cross section



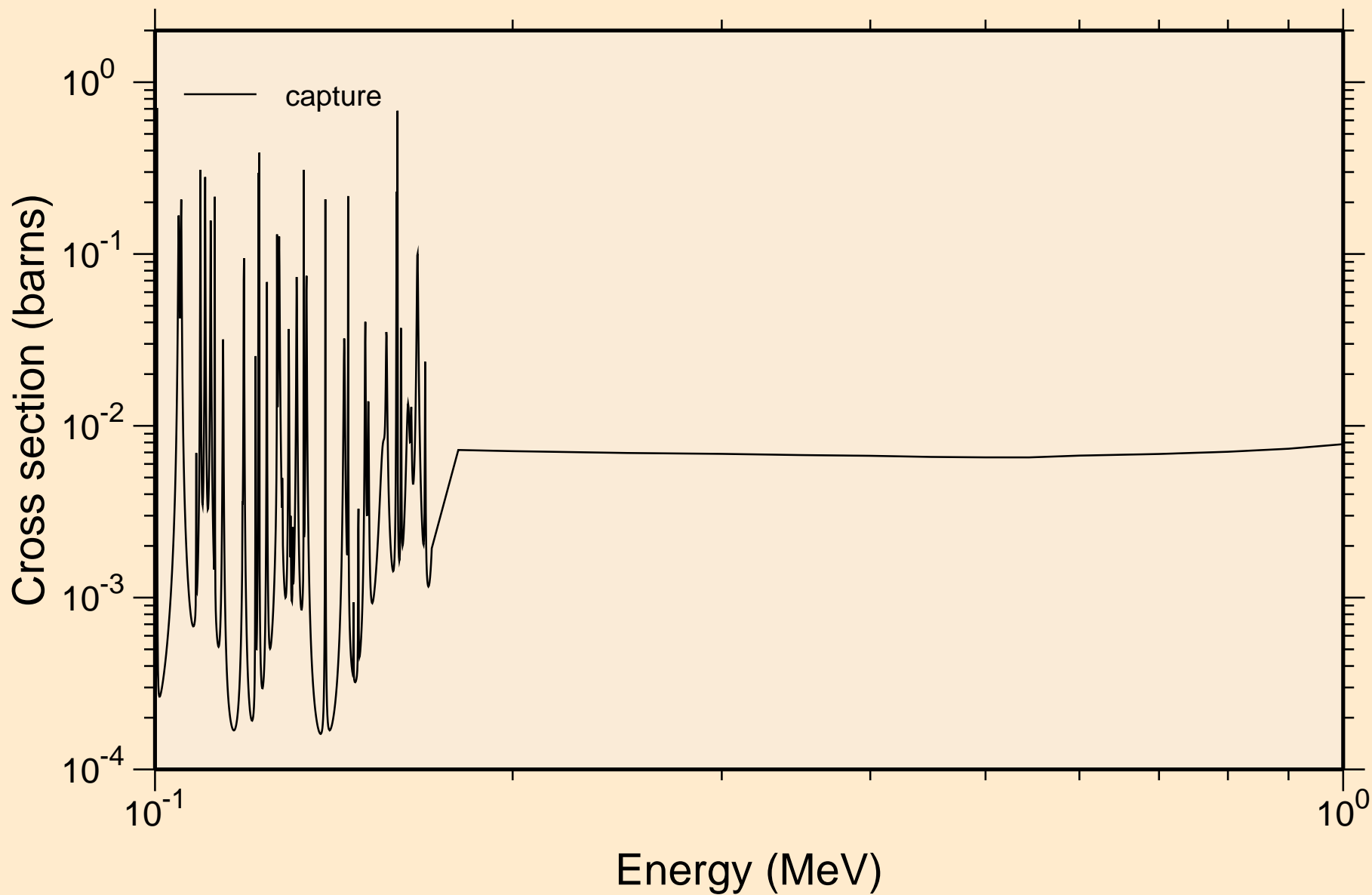
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
resonance absorption cross sections



# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+ resonance absorption cross sections

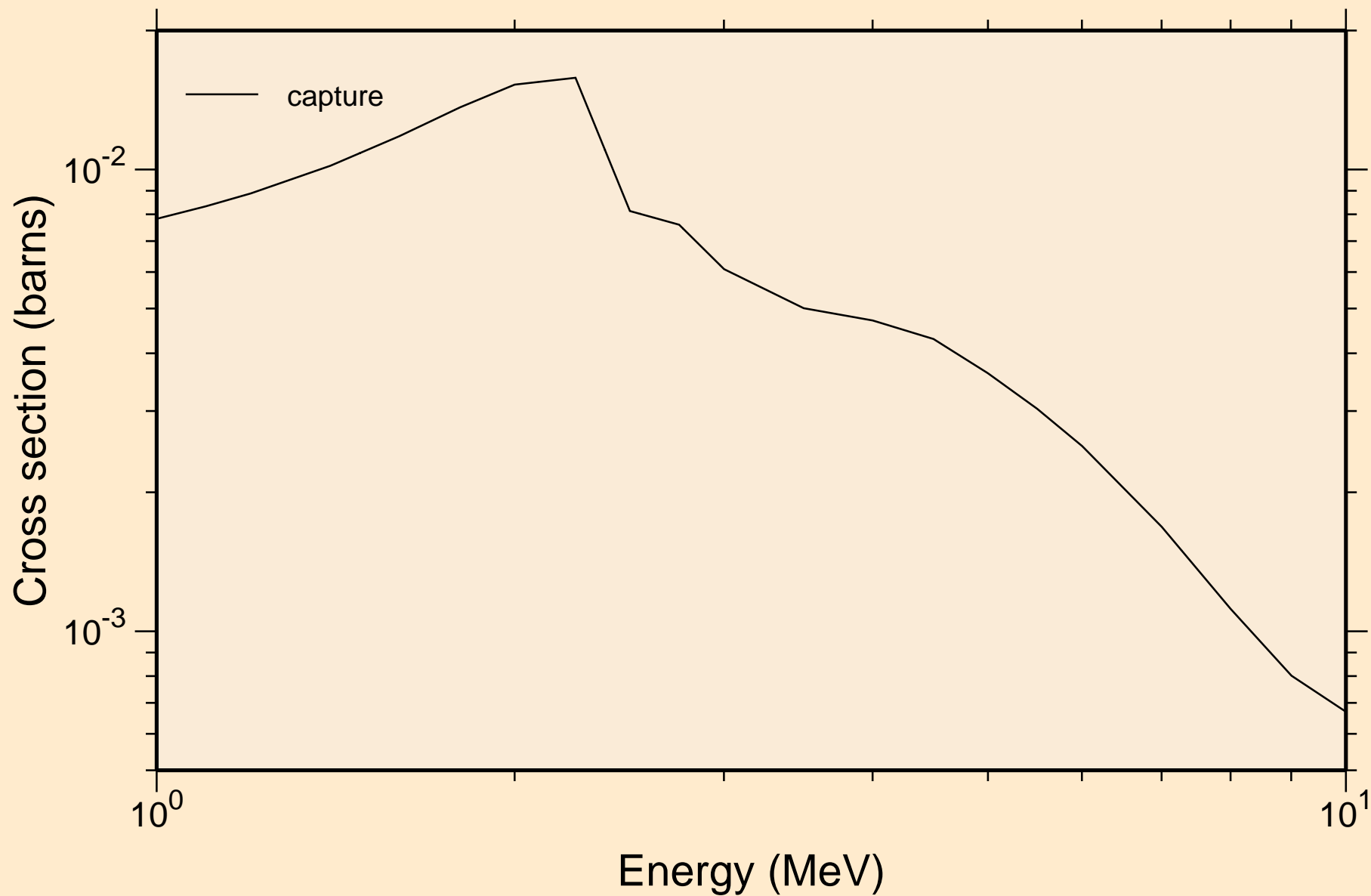


40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
resonance absorption cross sections

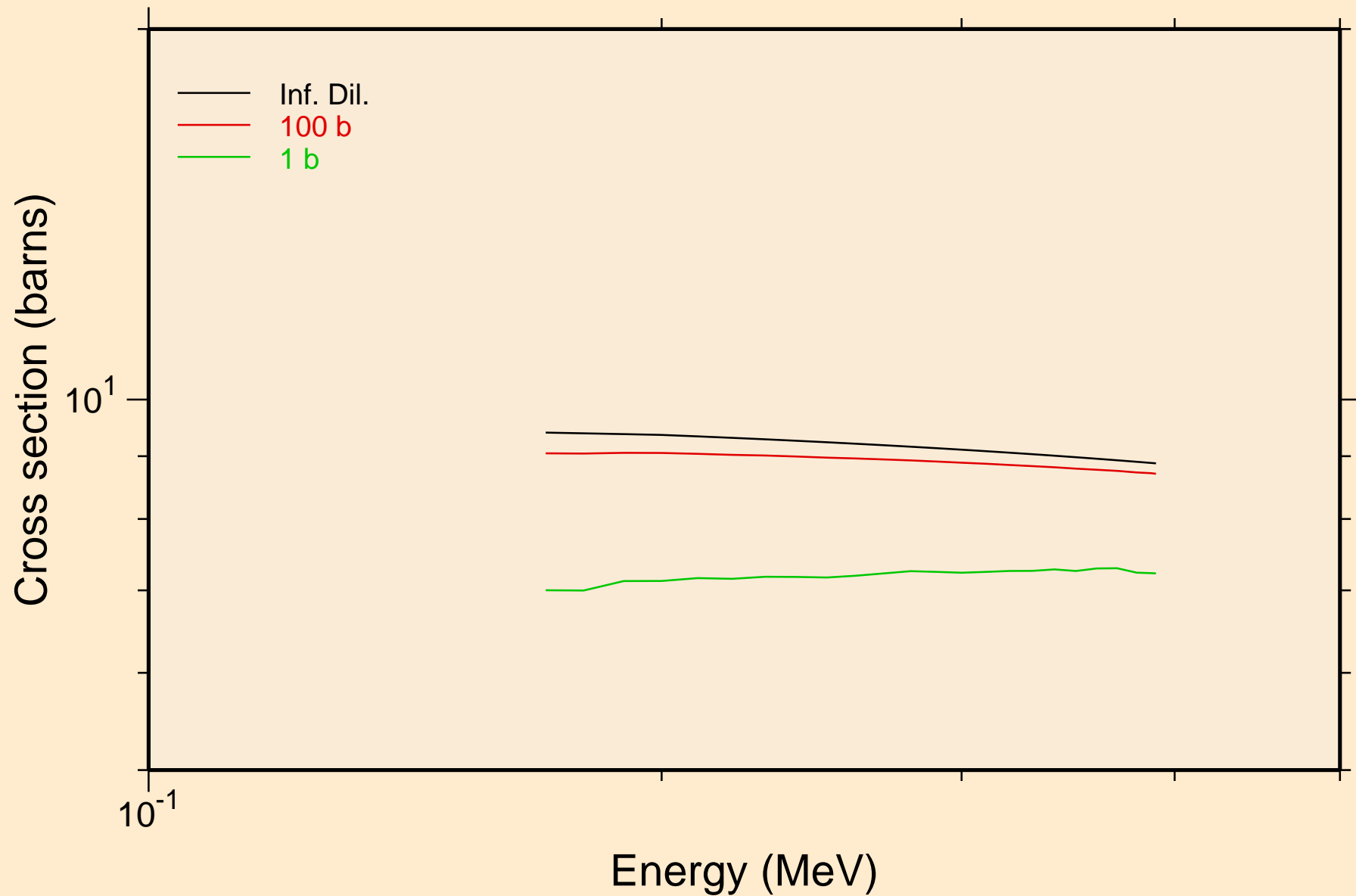




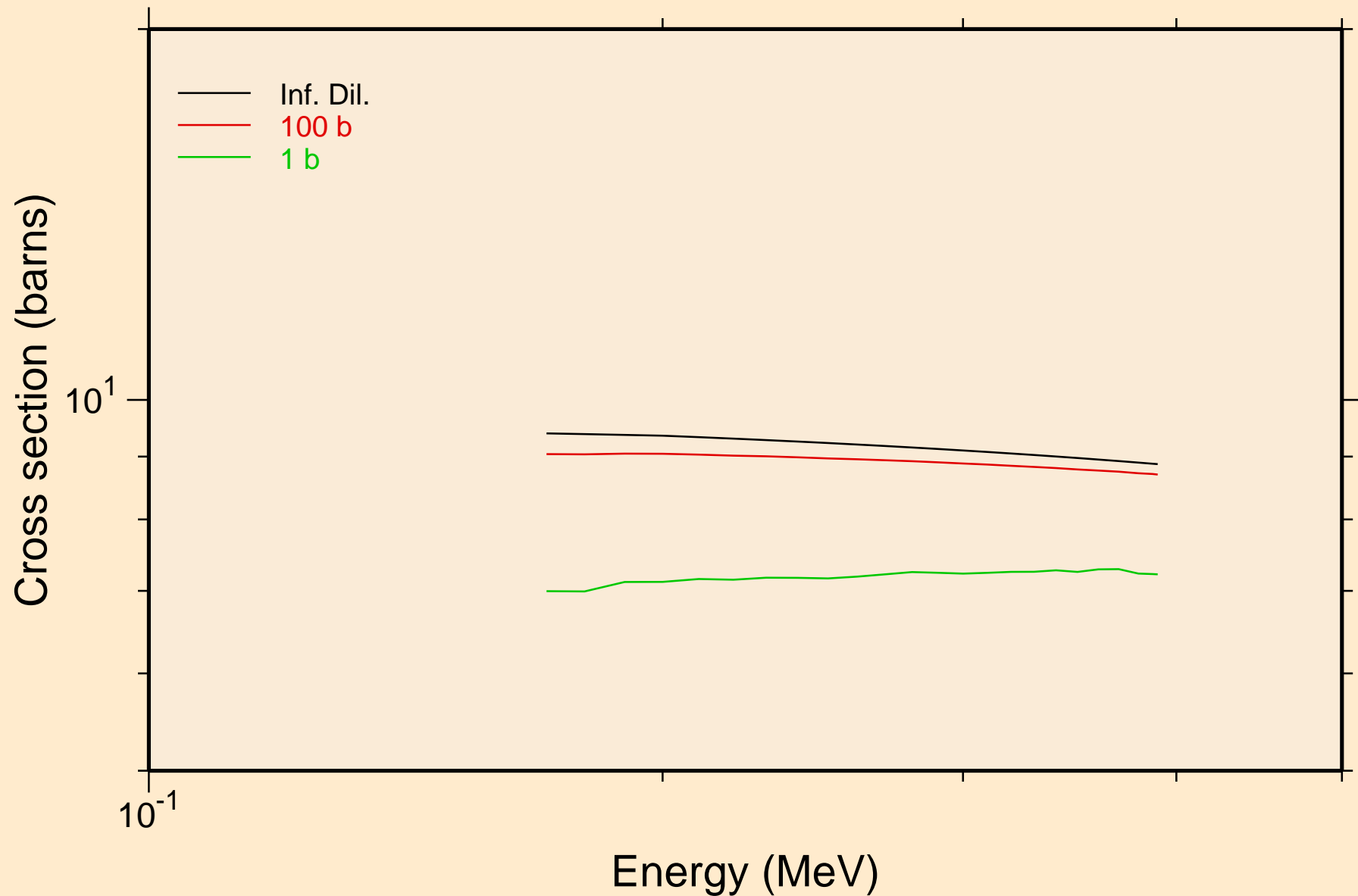
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
resonance absorption cross sections



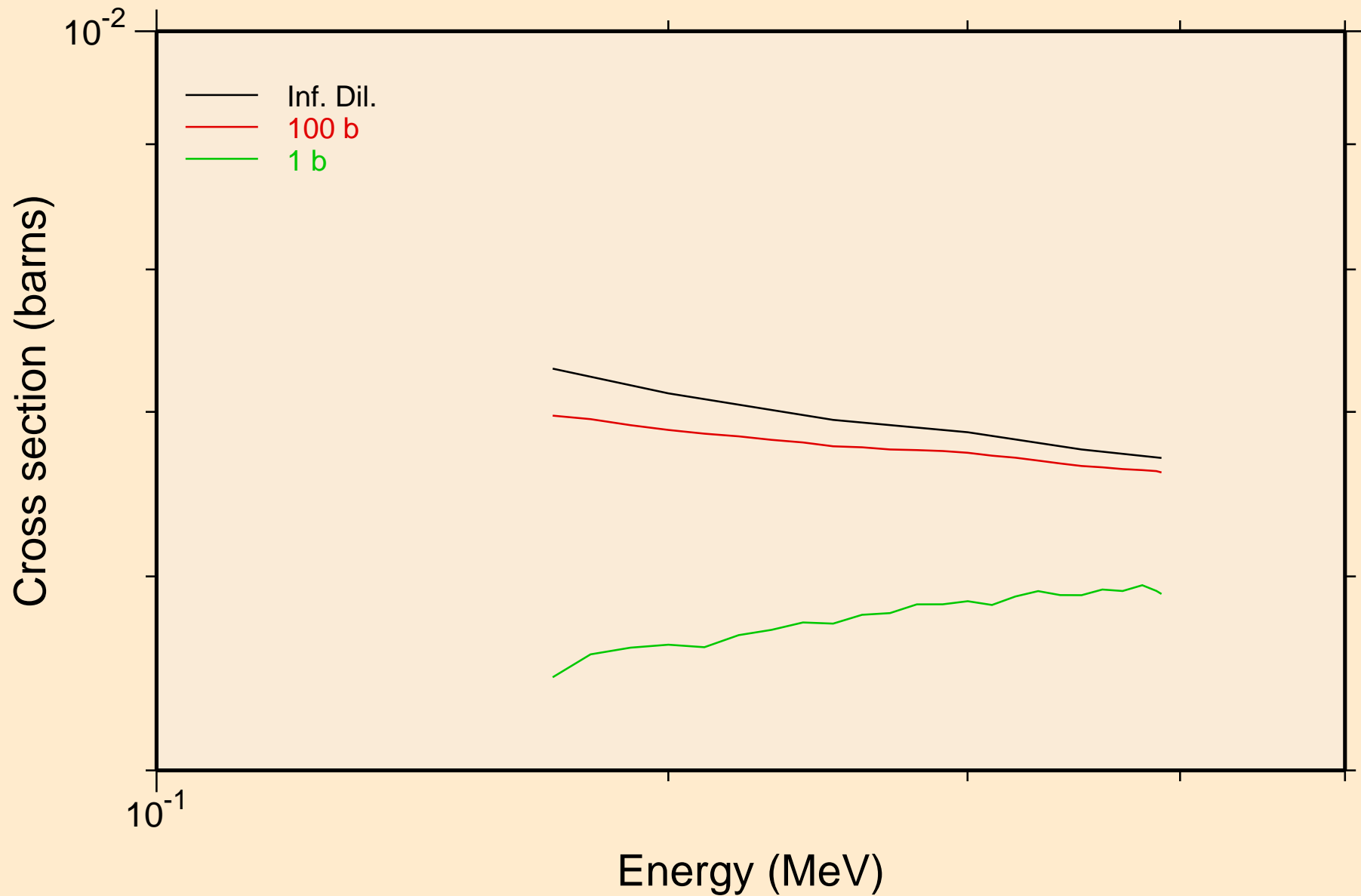
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
UR total cross section



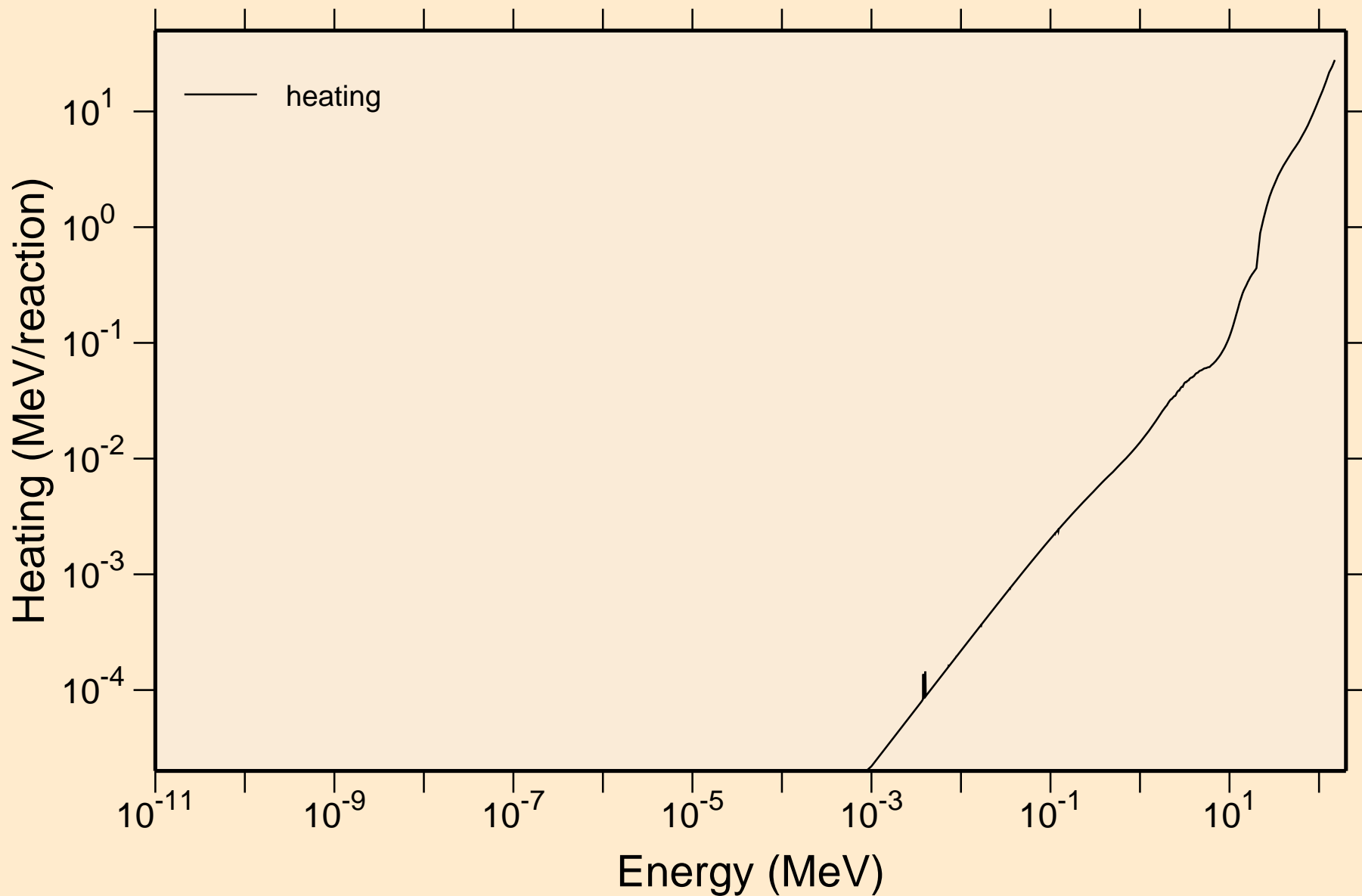
# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+ UR elastic cross section



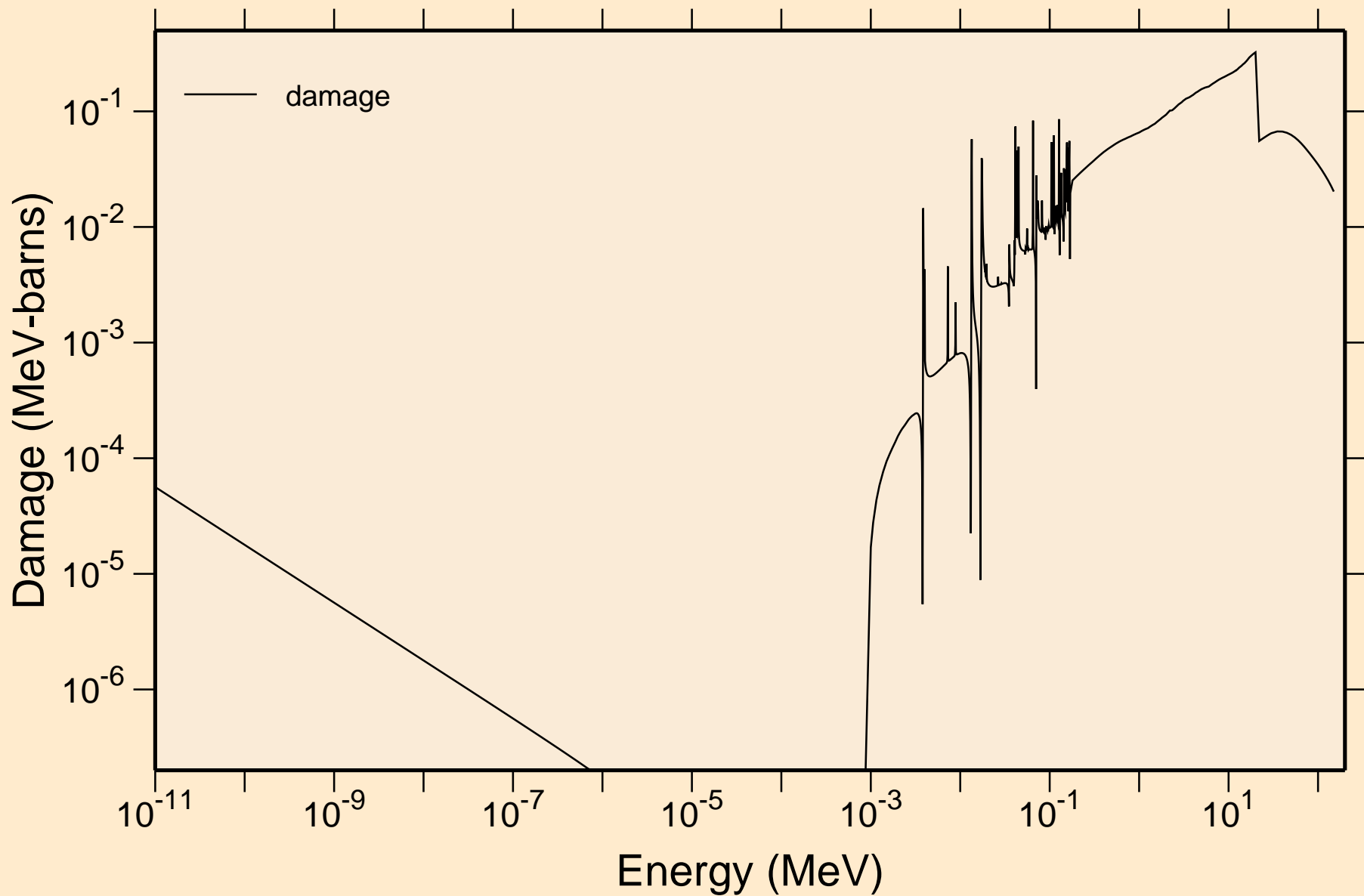
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
UR capture cross section



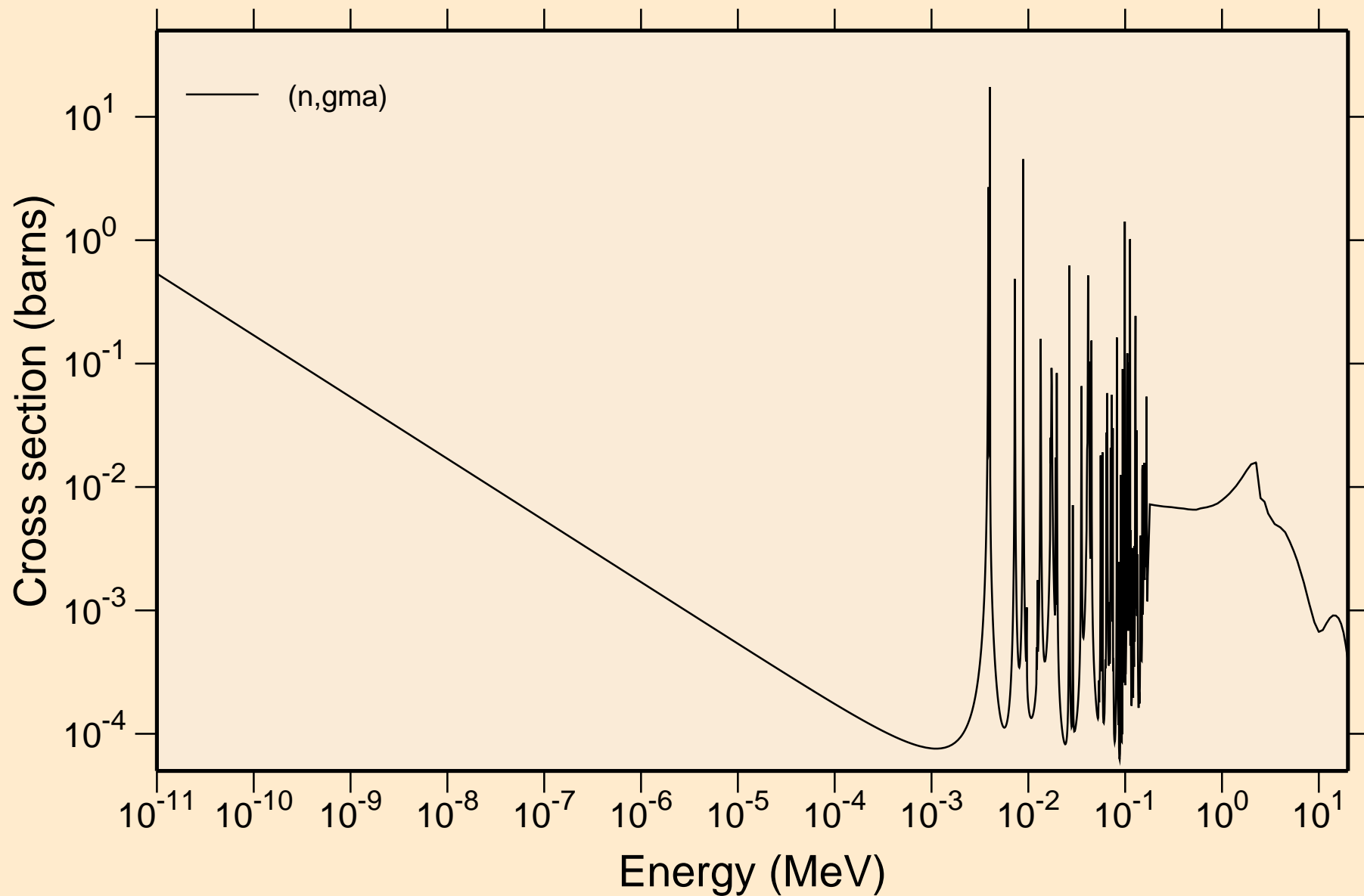
# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+ Heating



# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+ Damage

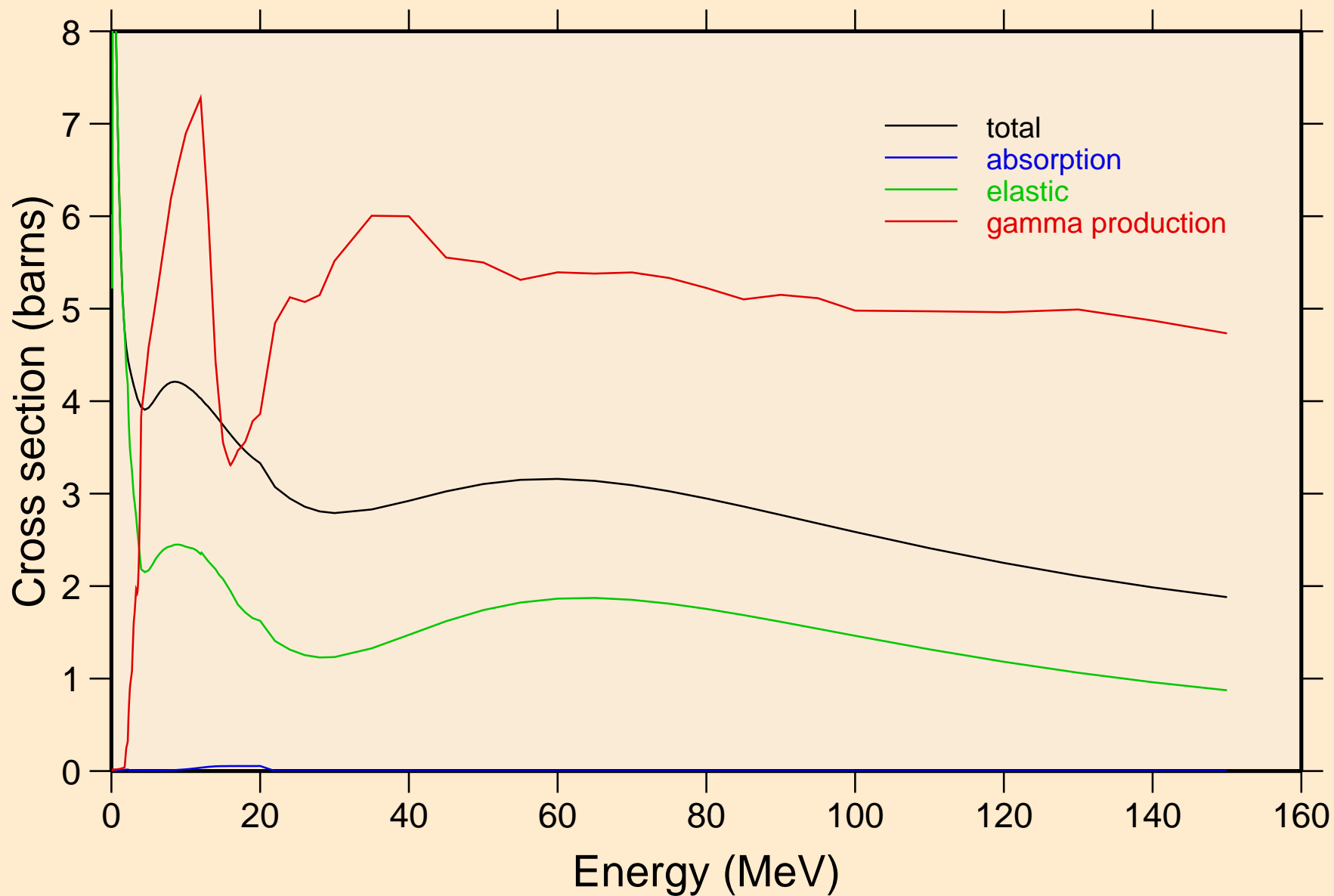


40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Non-threshold reactions



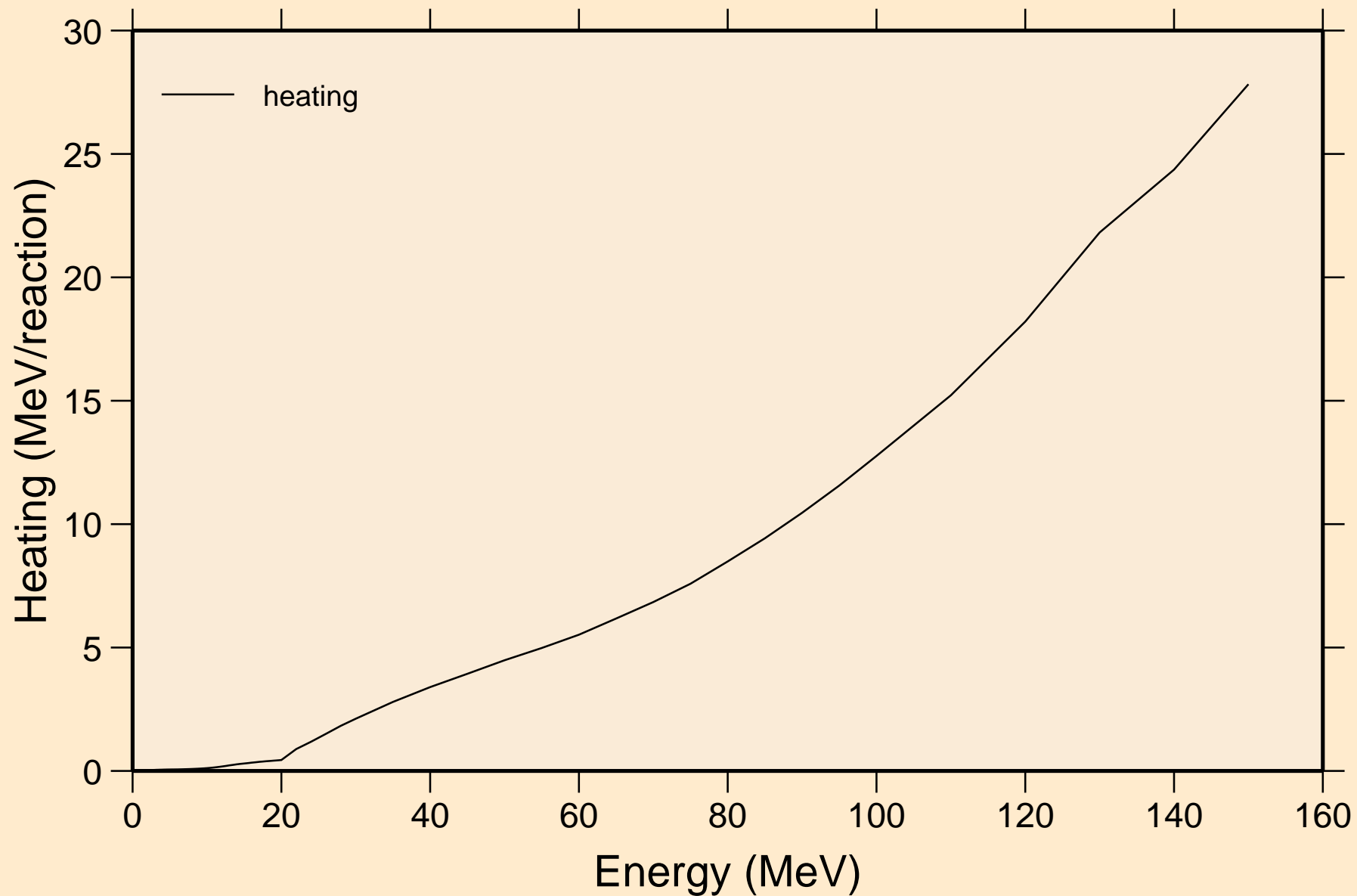
# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+

## Principal cross sections

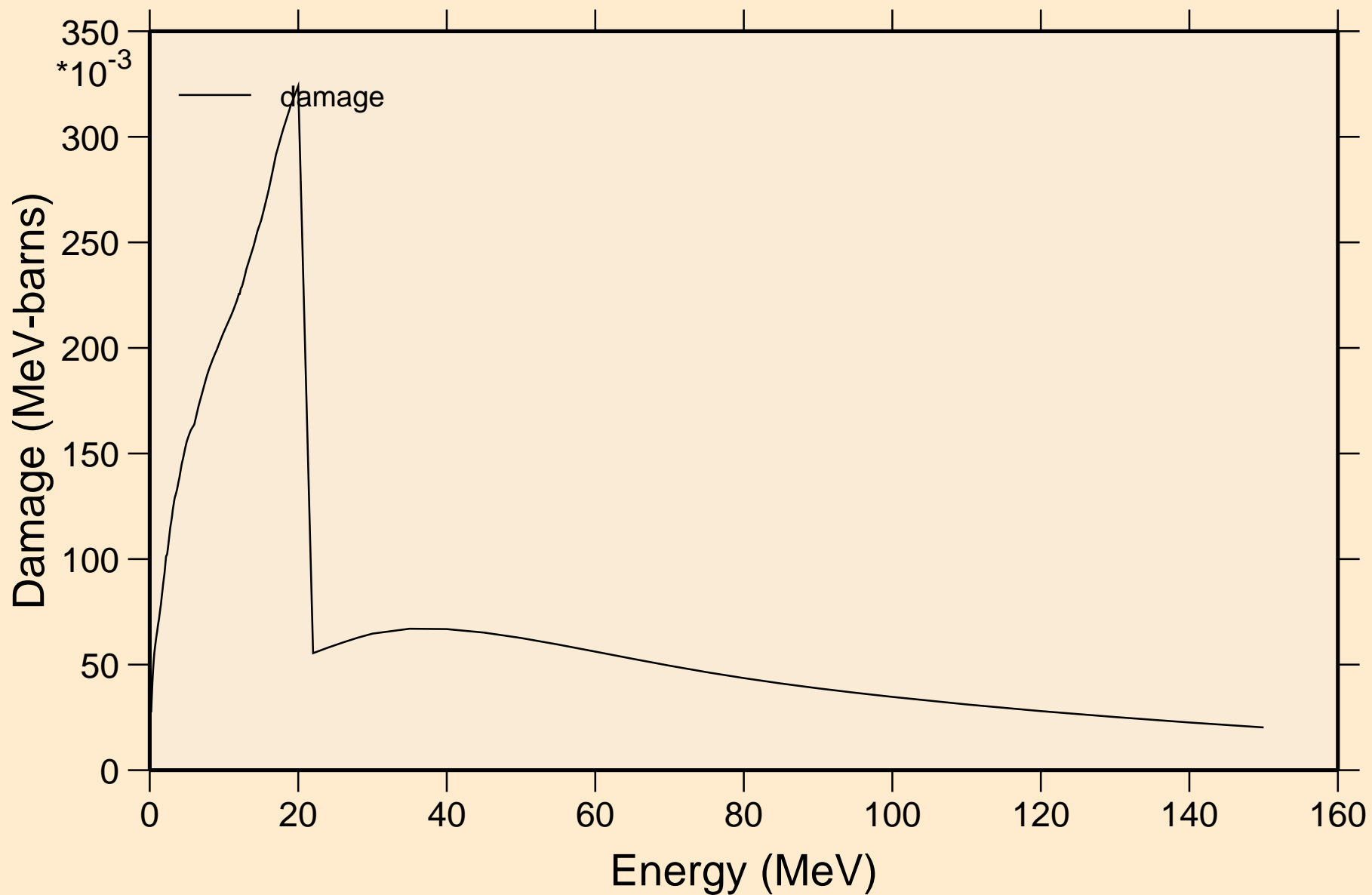




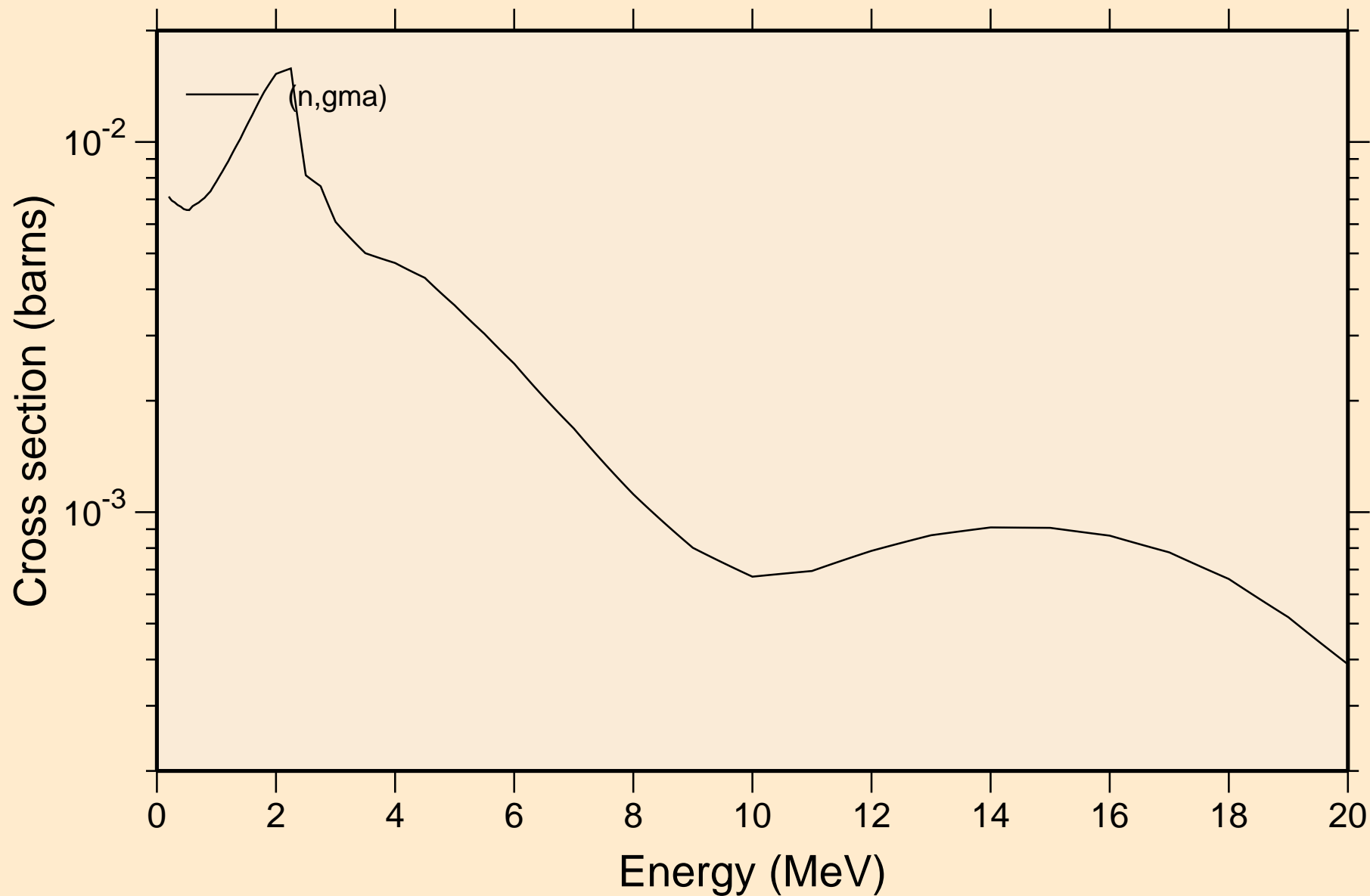
# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+ Heating



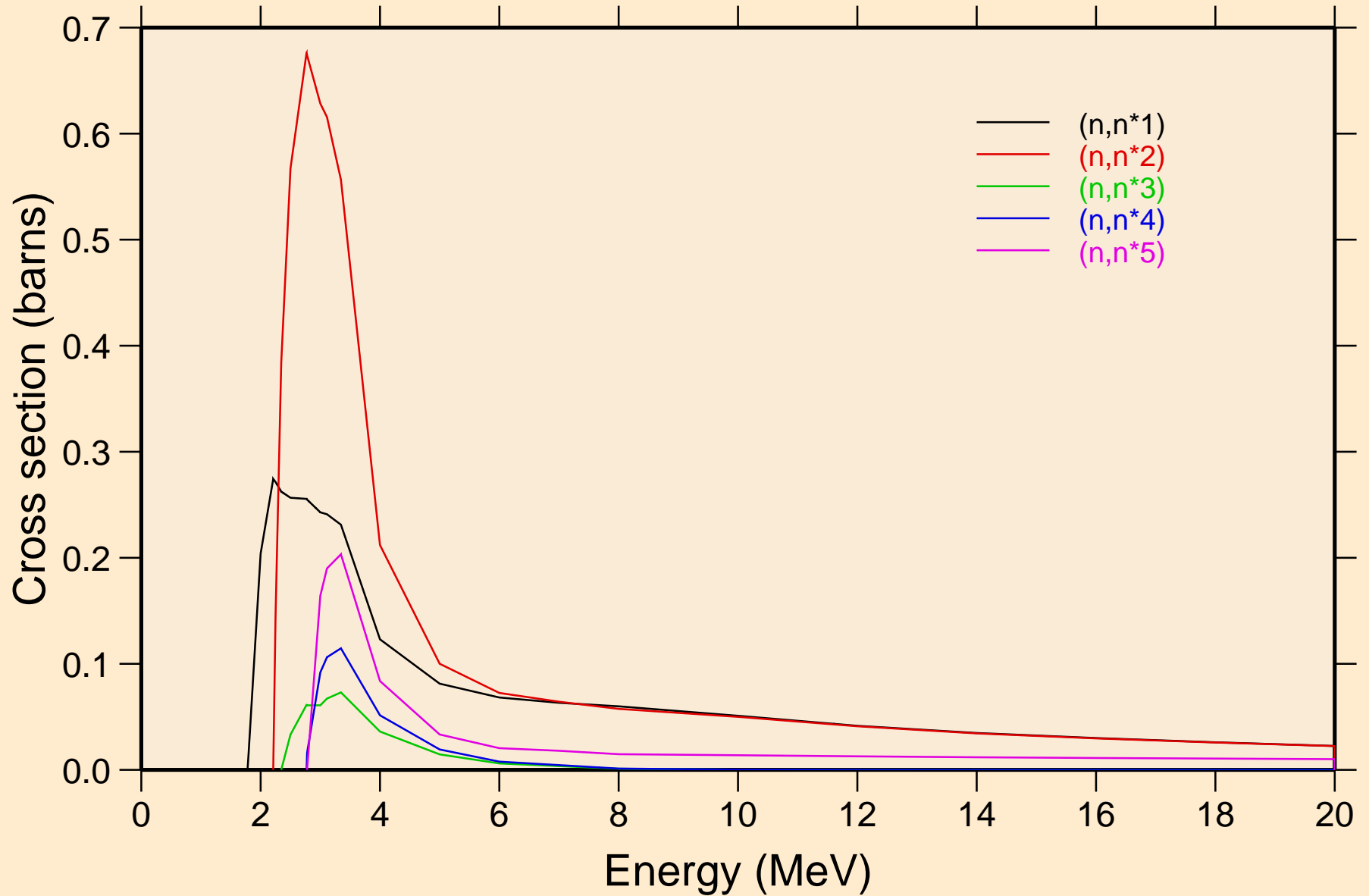
# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+ Damage



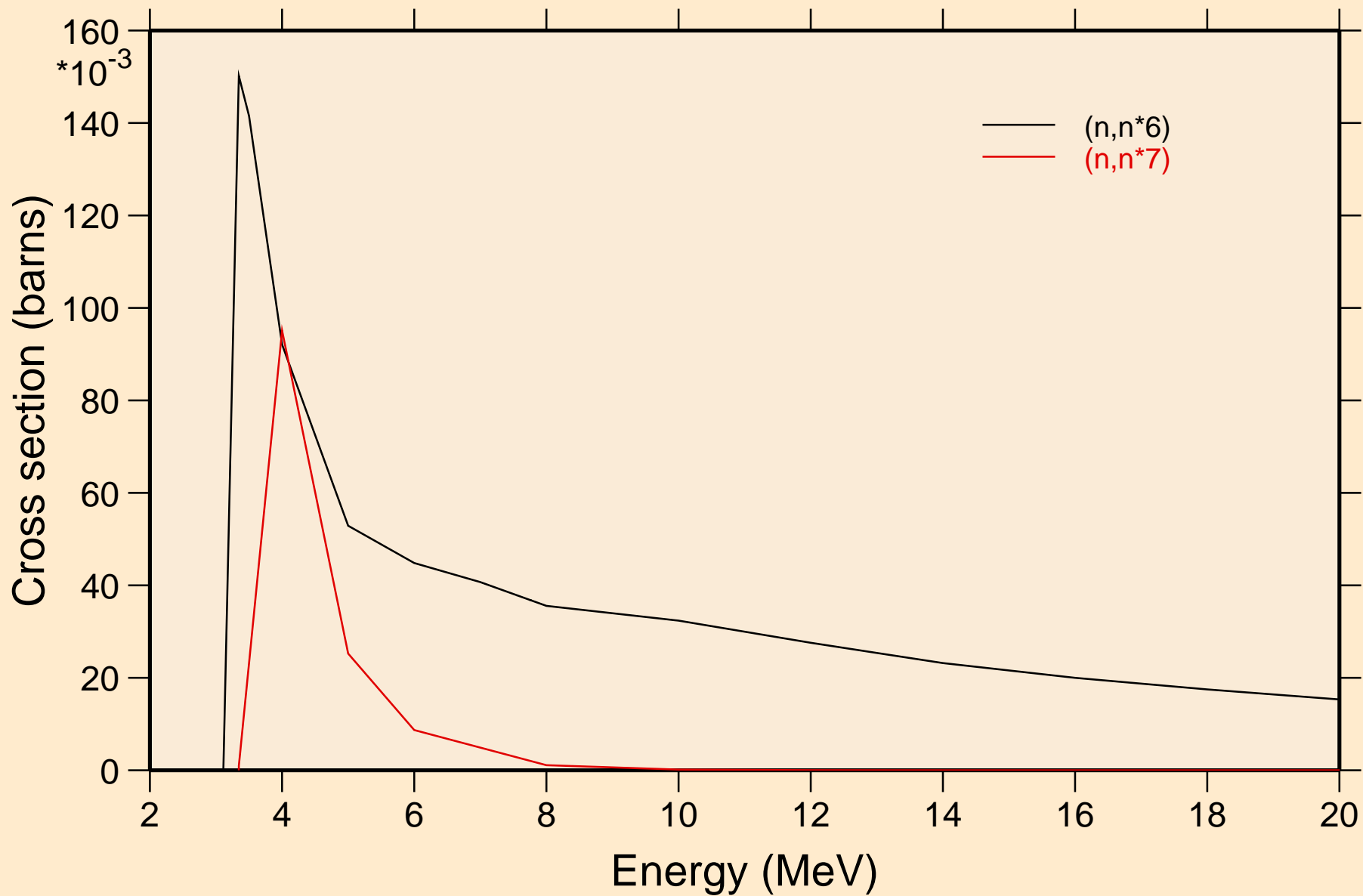
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Non-threshold reactions



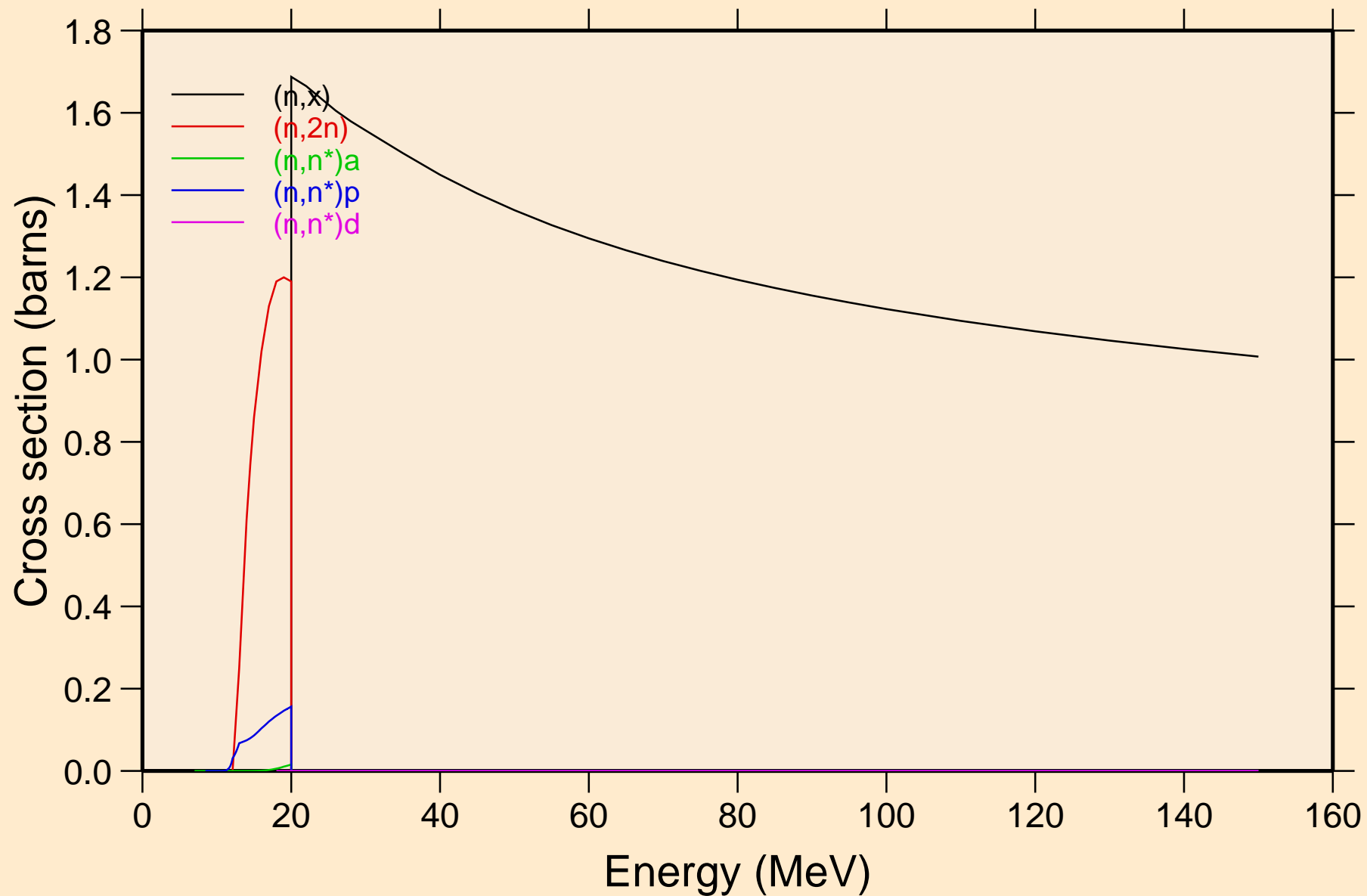
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Inelastic levels



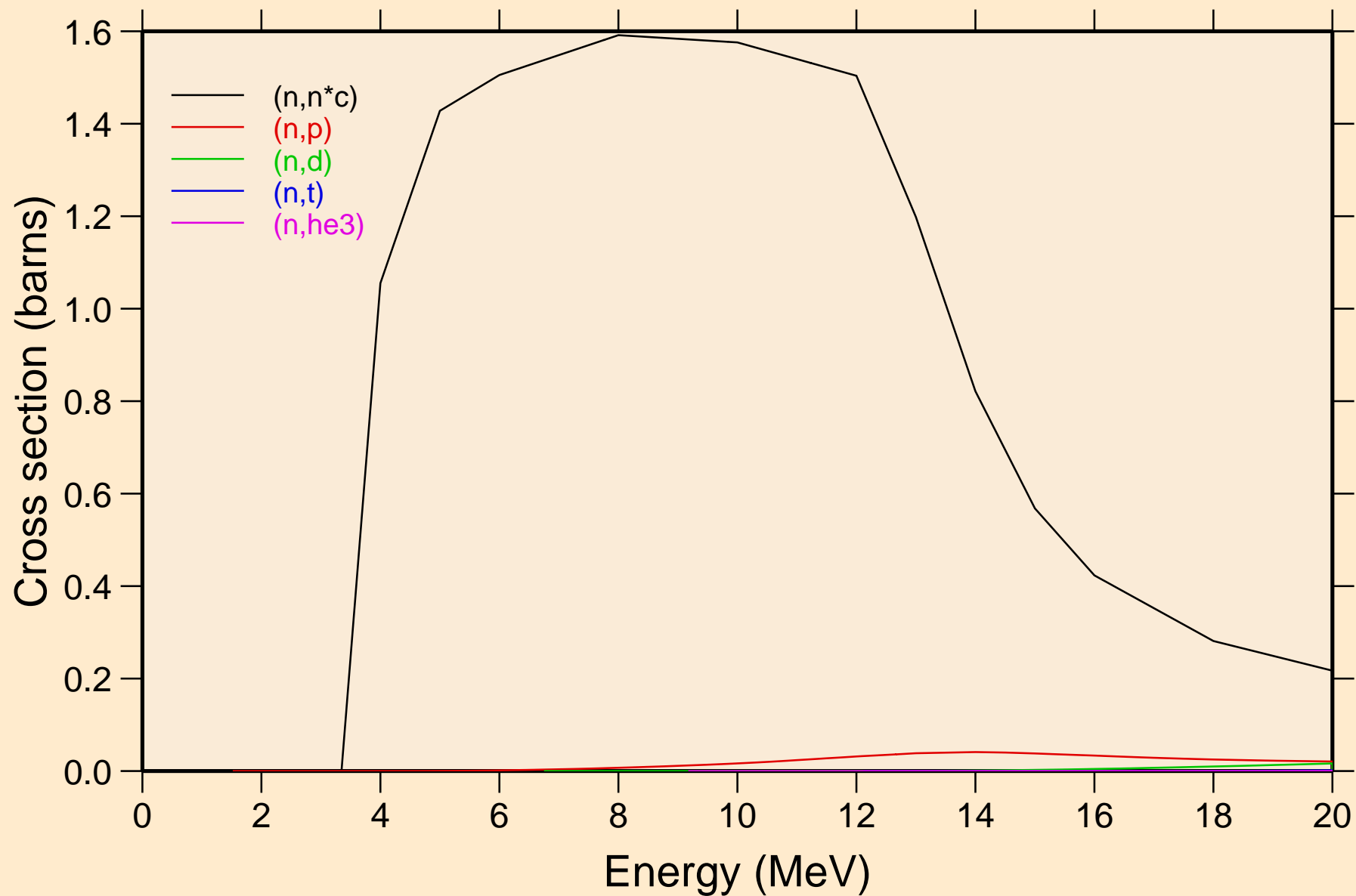
# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+ Inelastic levels



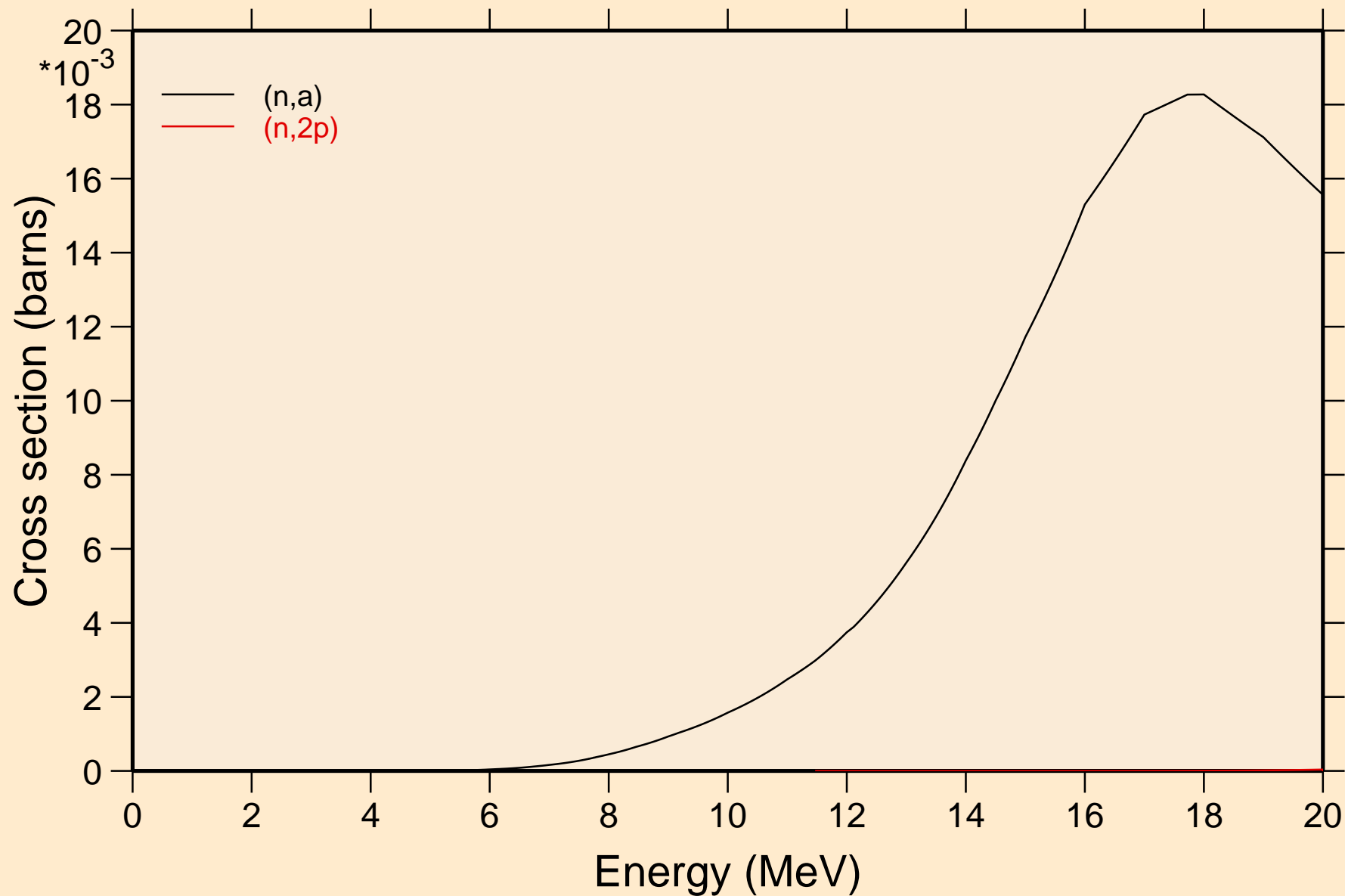
# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+ Threshold reactions



# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+ Threshold reactions

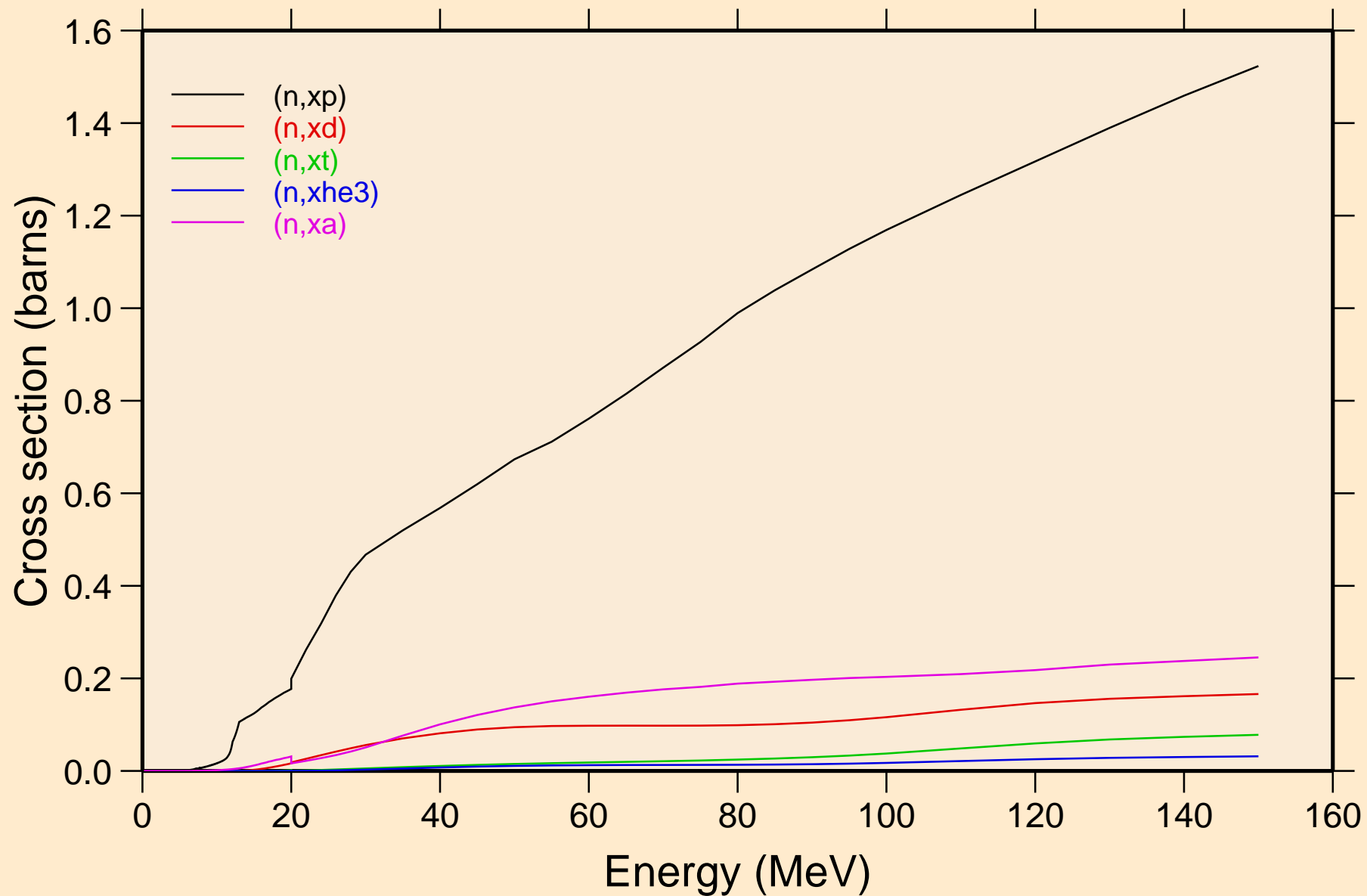


40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Threshold reactions

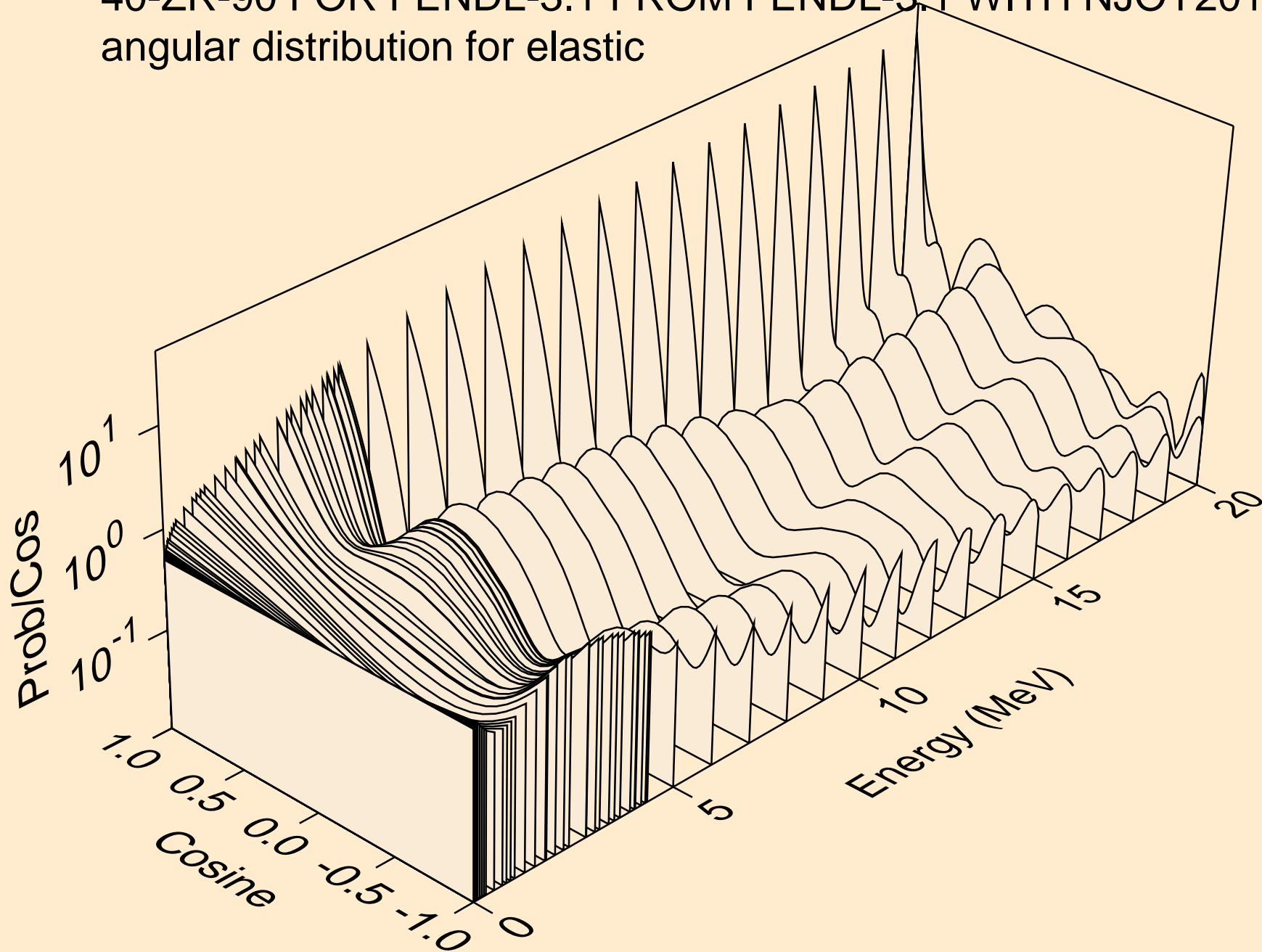




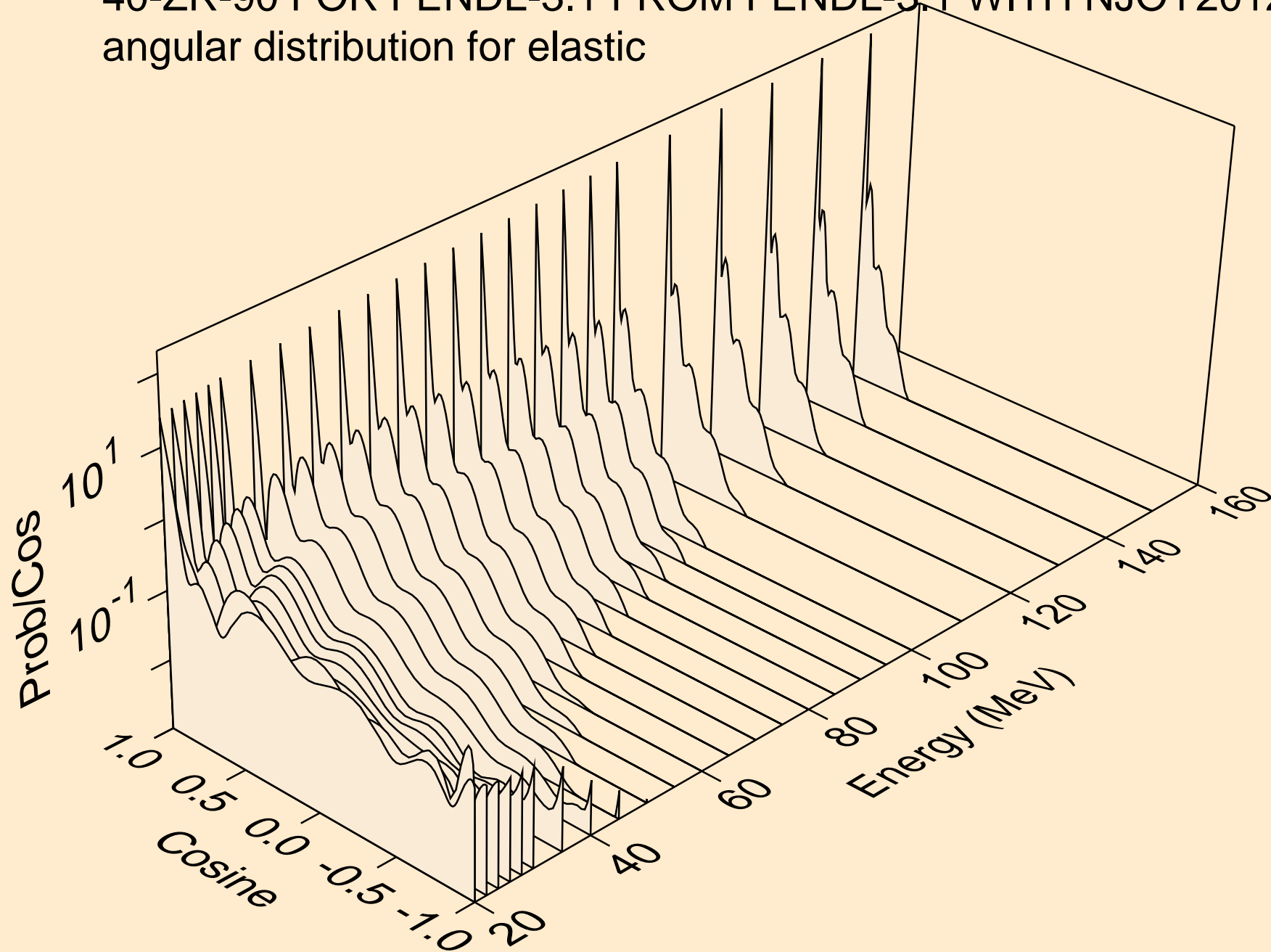
# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+ Threshold reactions



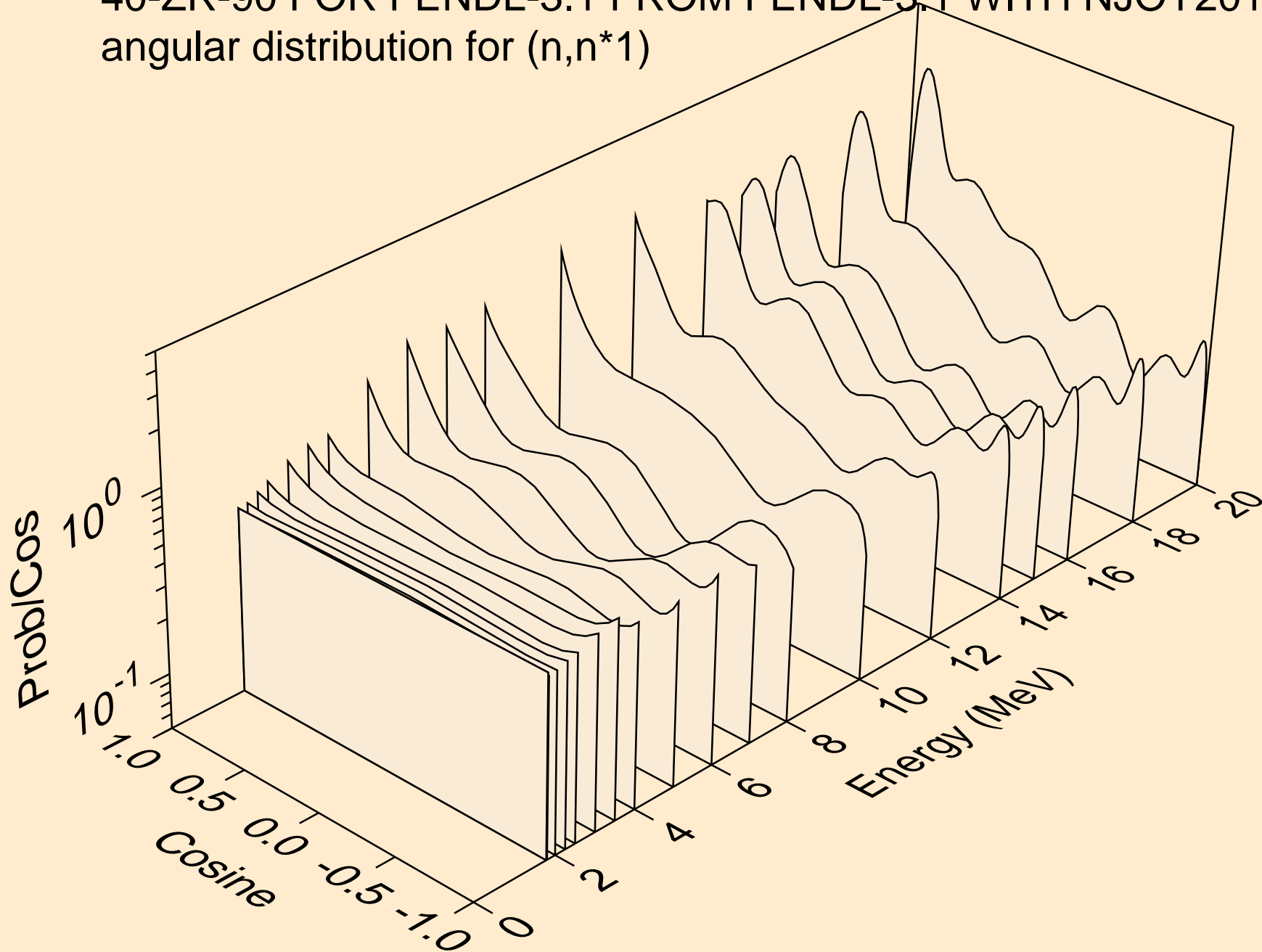
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
angular distribution for elastic



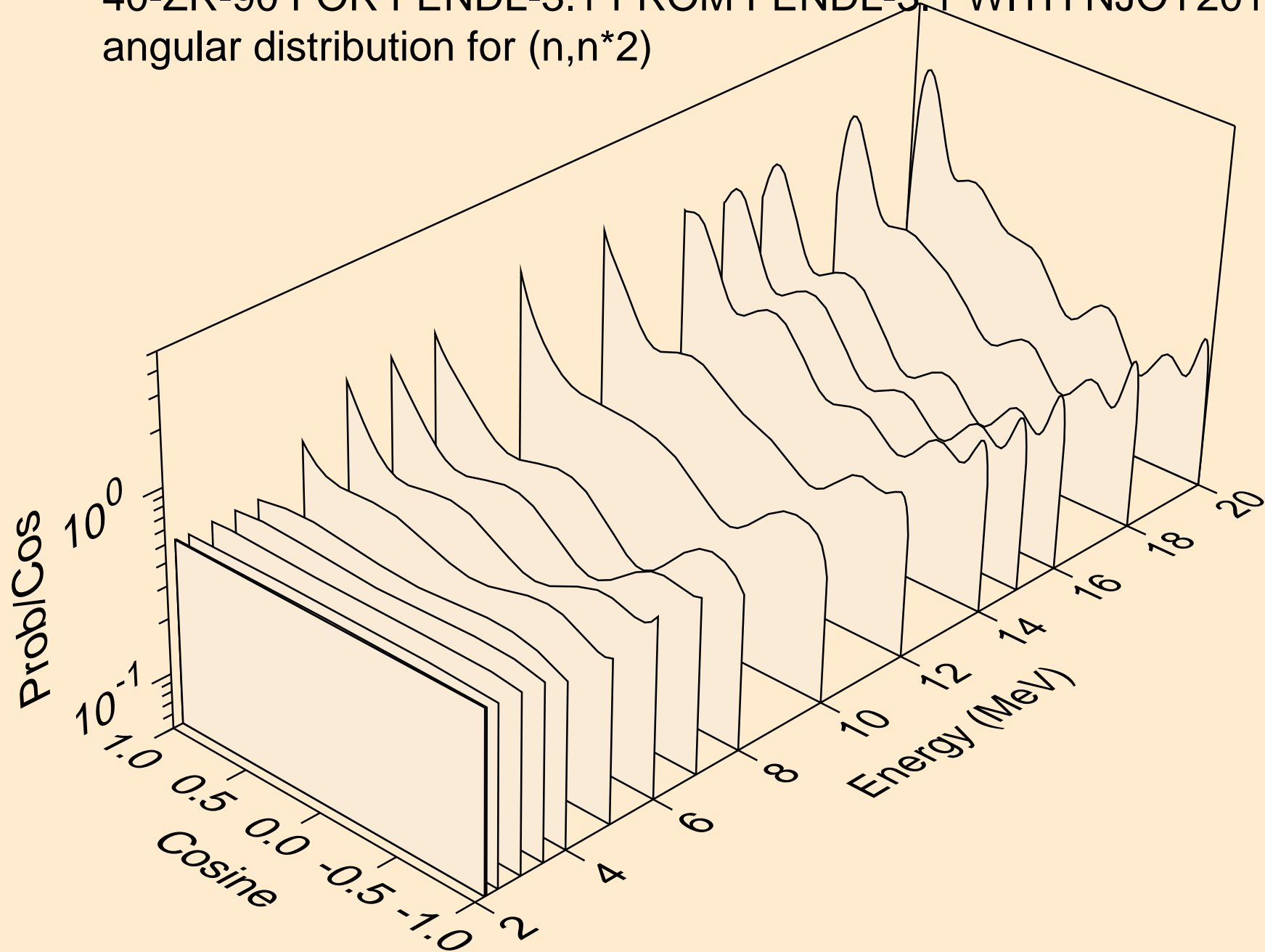
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
angular distribution for elastic



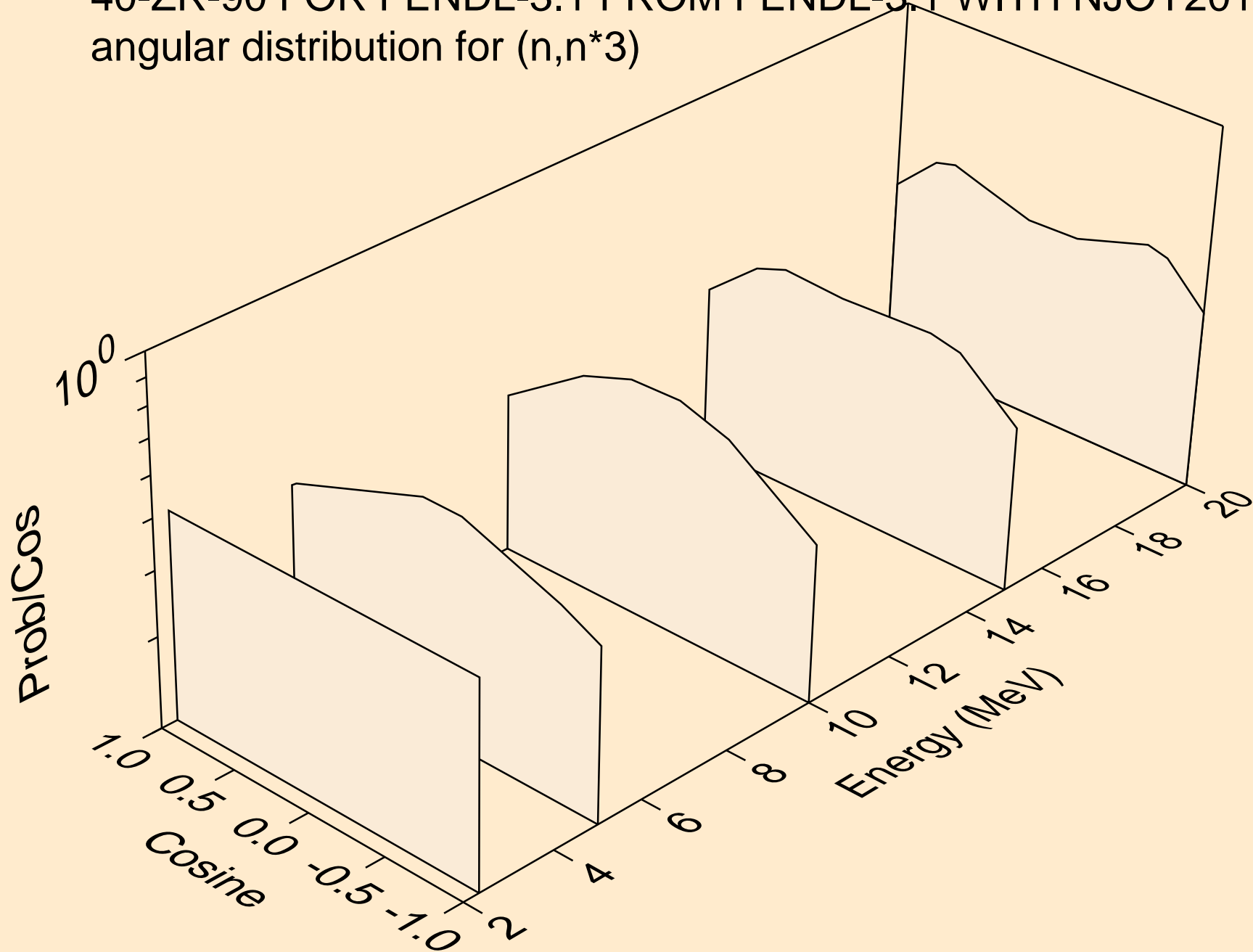
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
angular distribution for (n,n\*1)



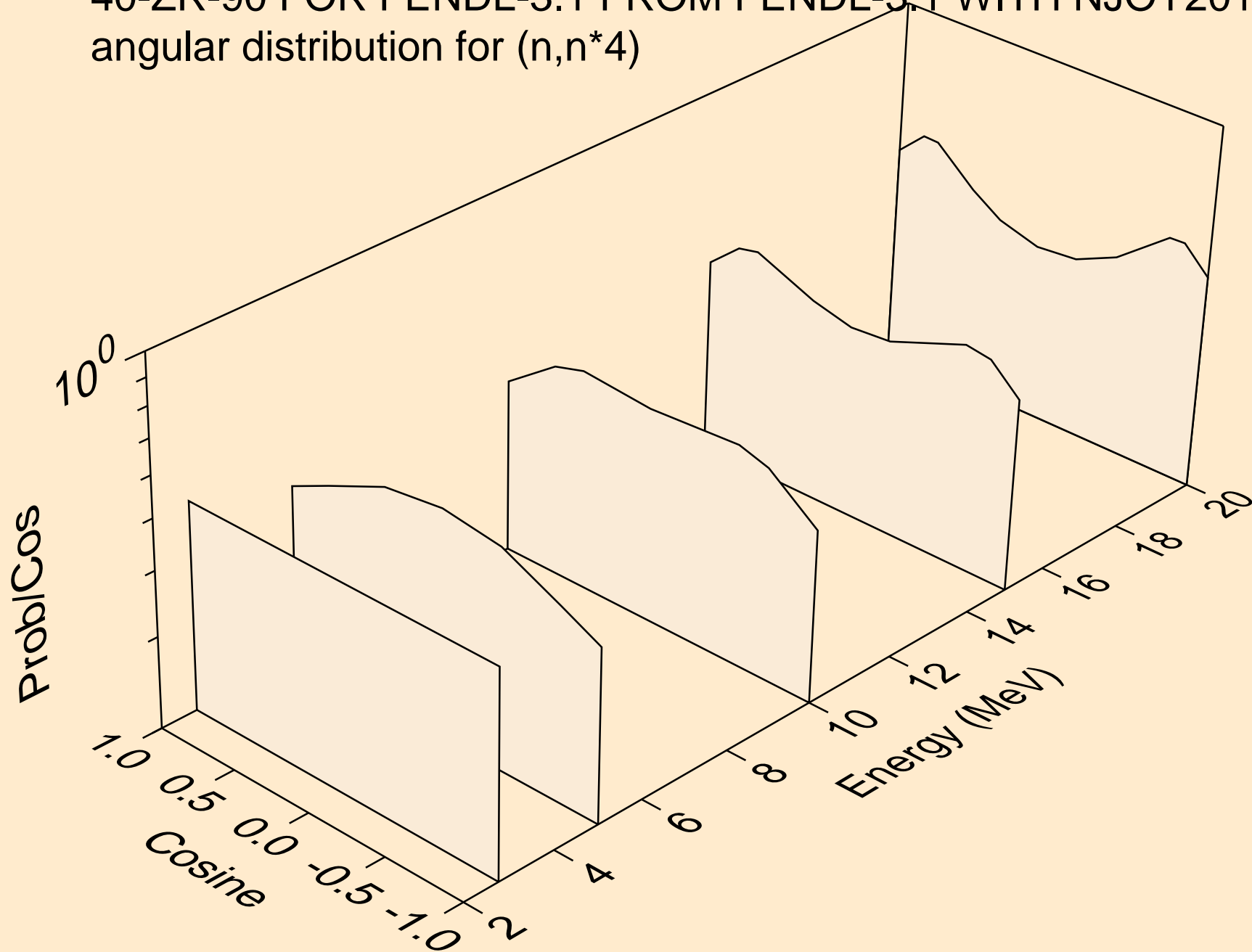
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
angular distribution for (n,n\*2)



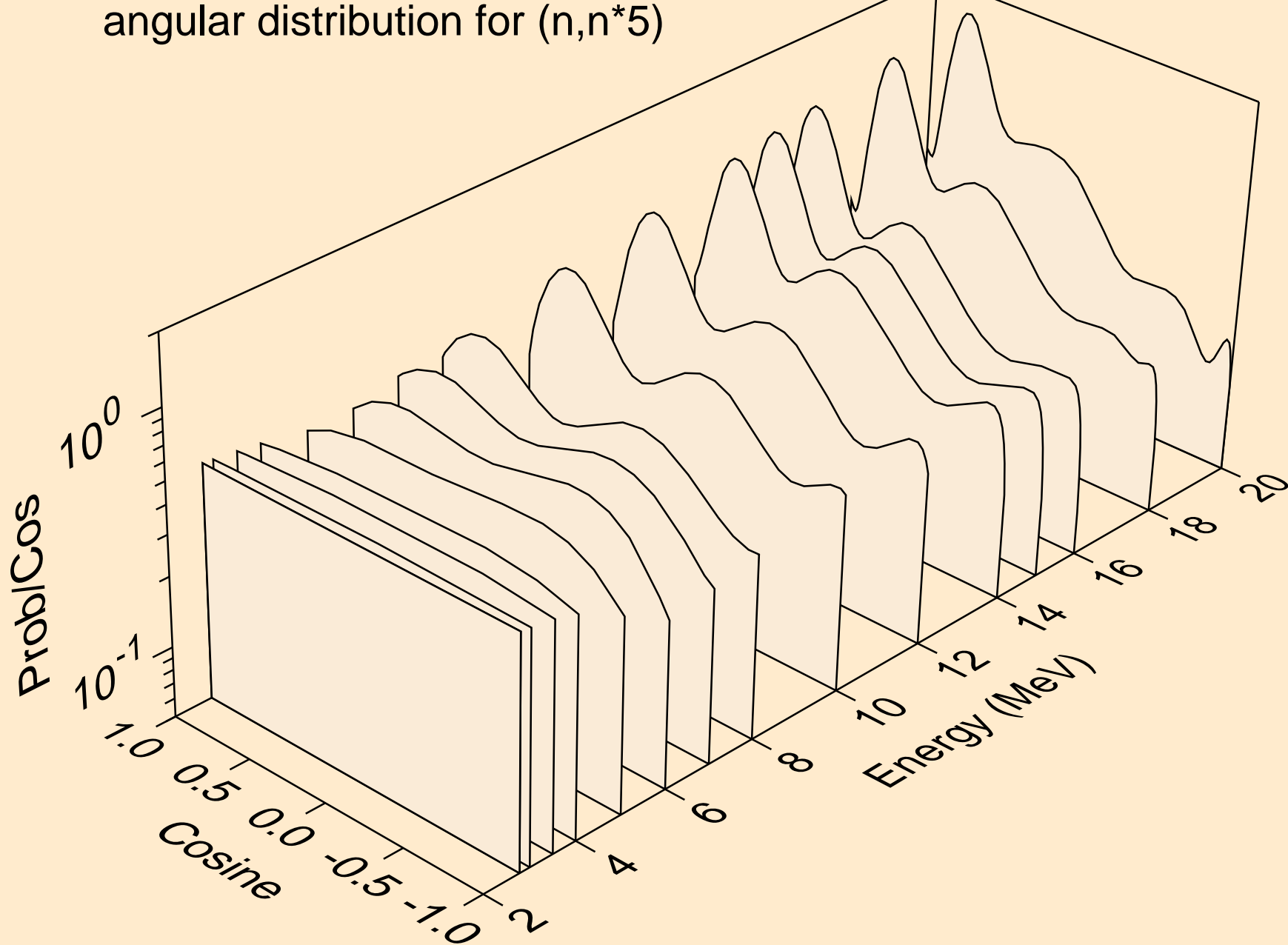
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
angular distribution for (n,n\*3)



40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
angular distribution for (n,n\*4)

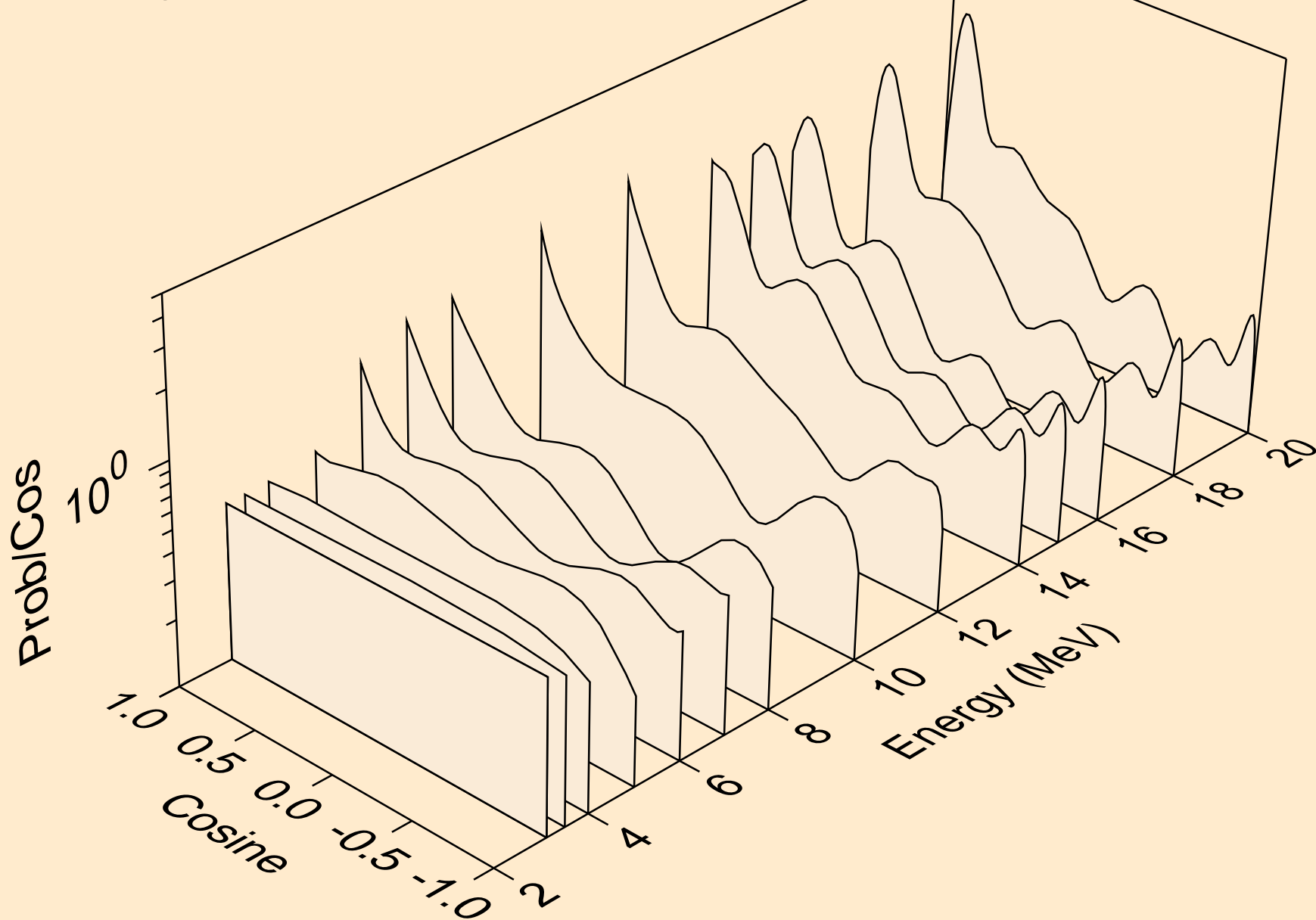


40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
angular distribution for (n,n\*5)

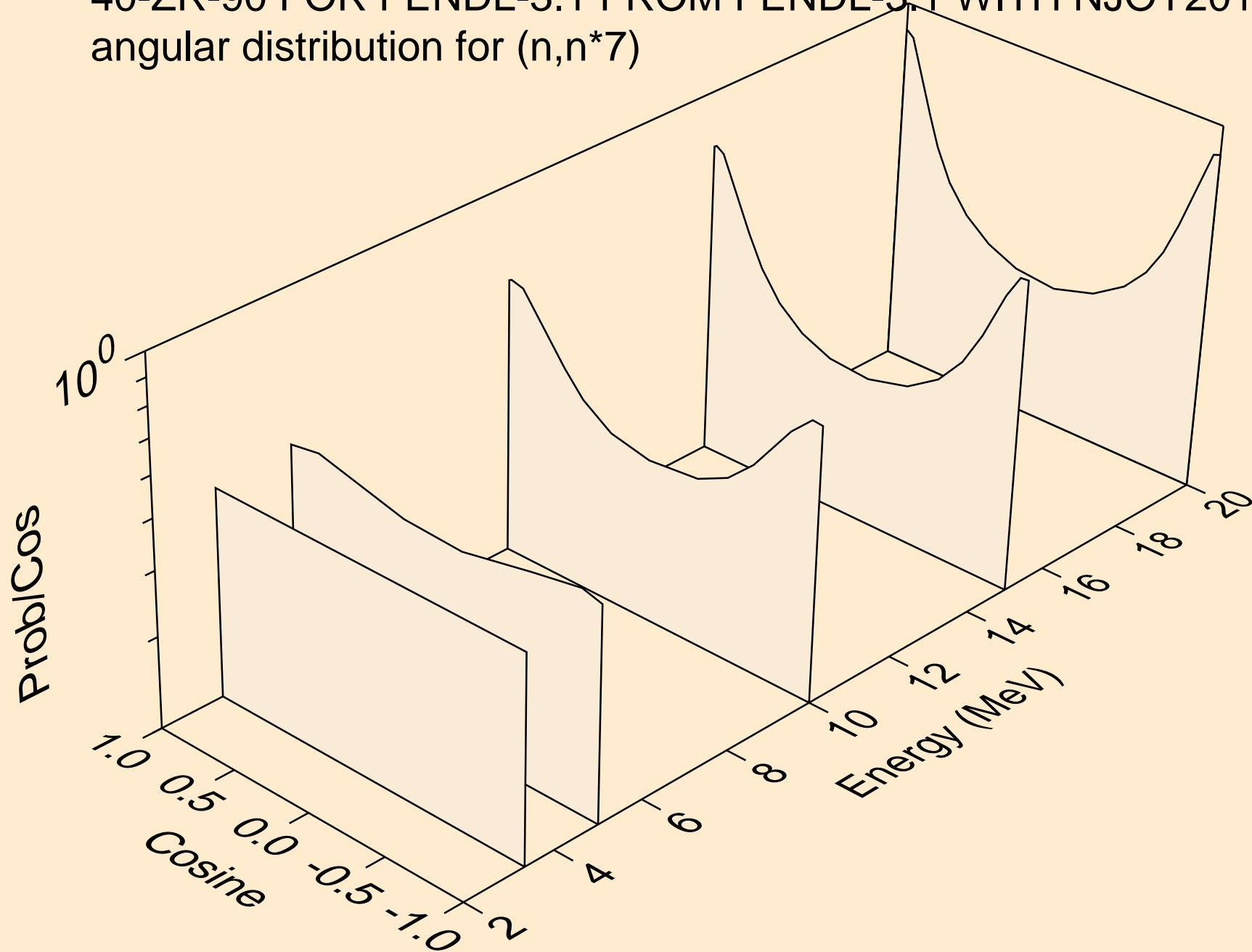




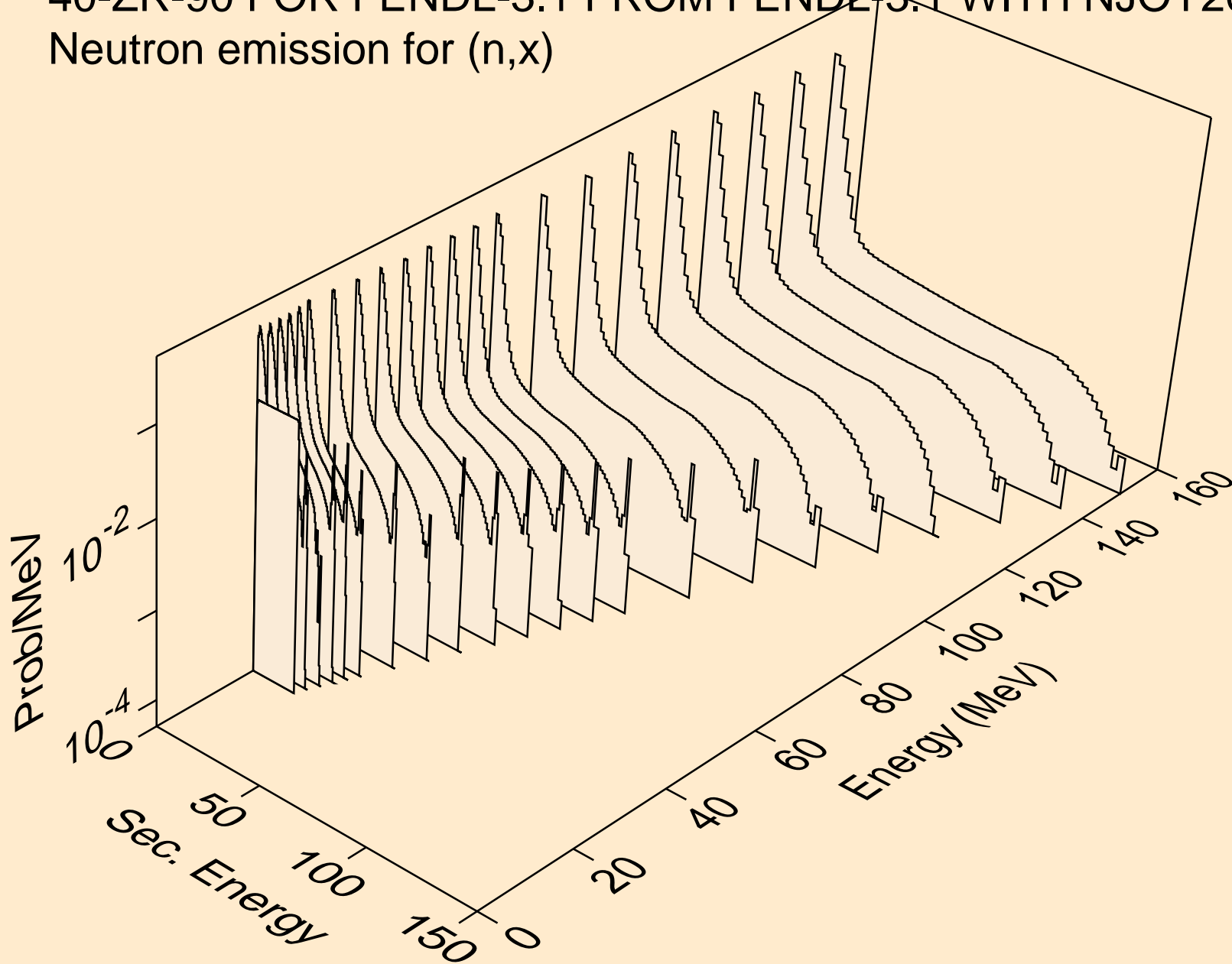
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
angular distribution for (n,n\*6)



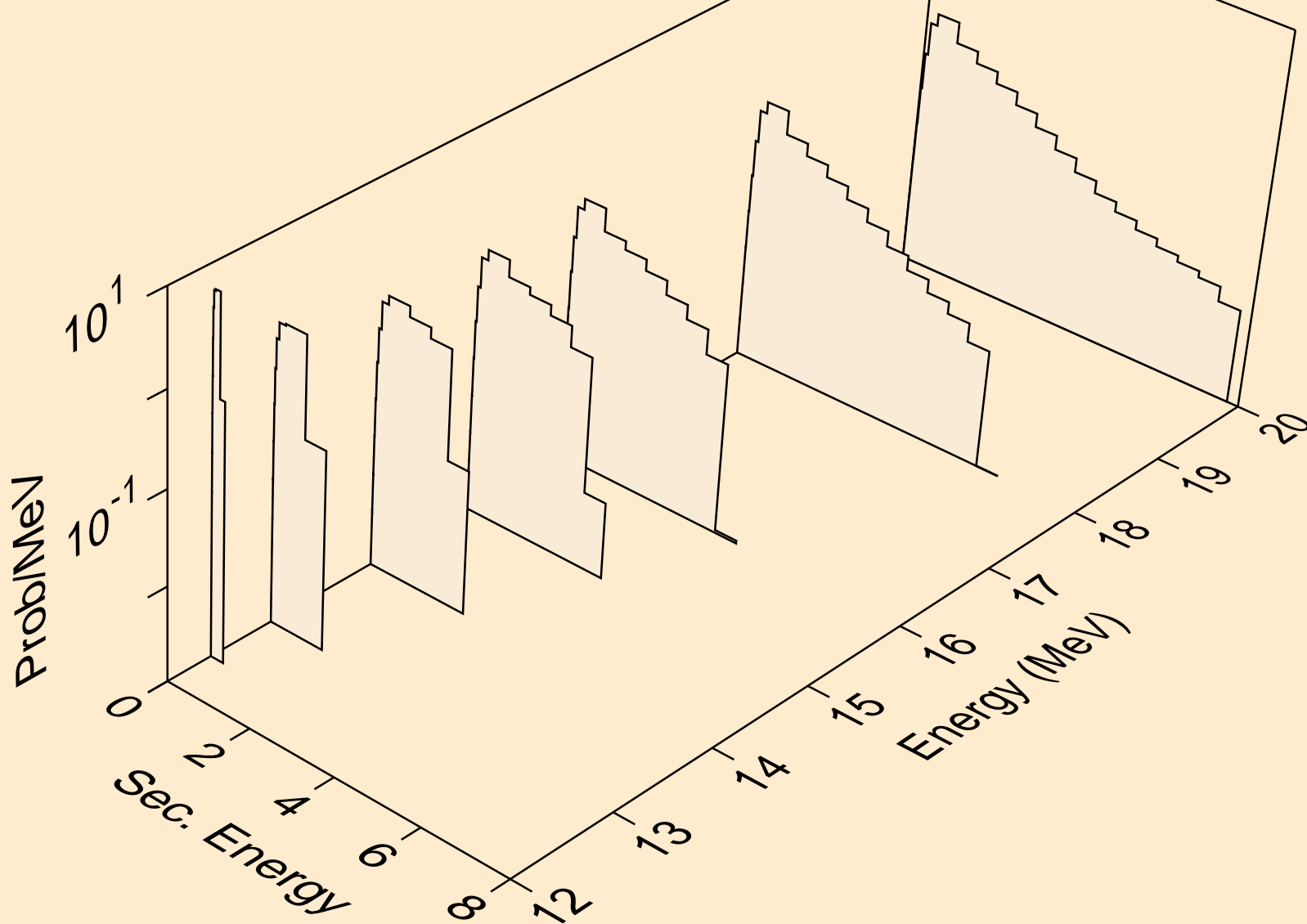
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
angular distribution for (n,n\*7)



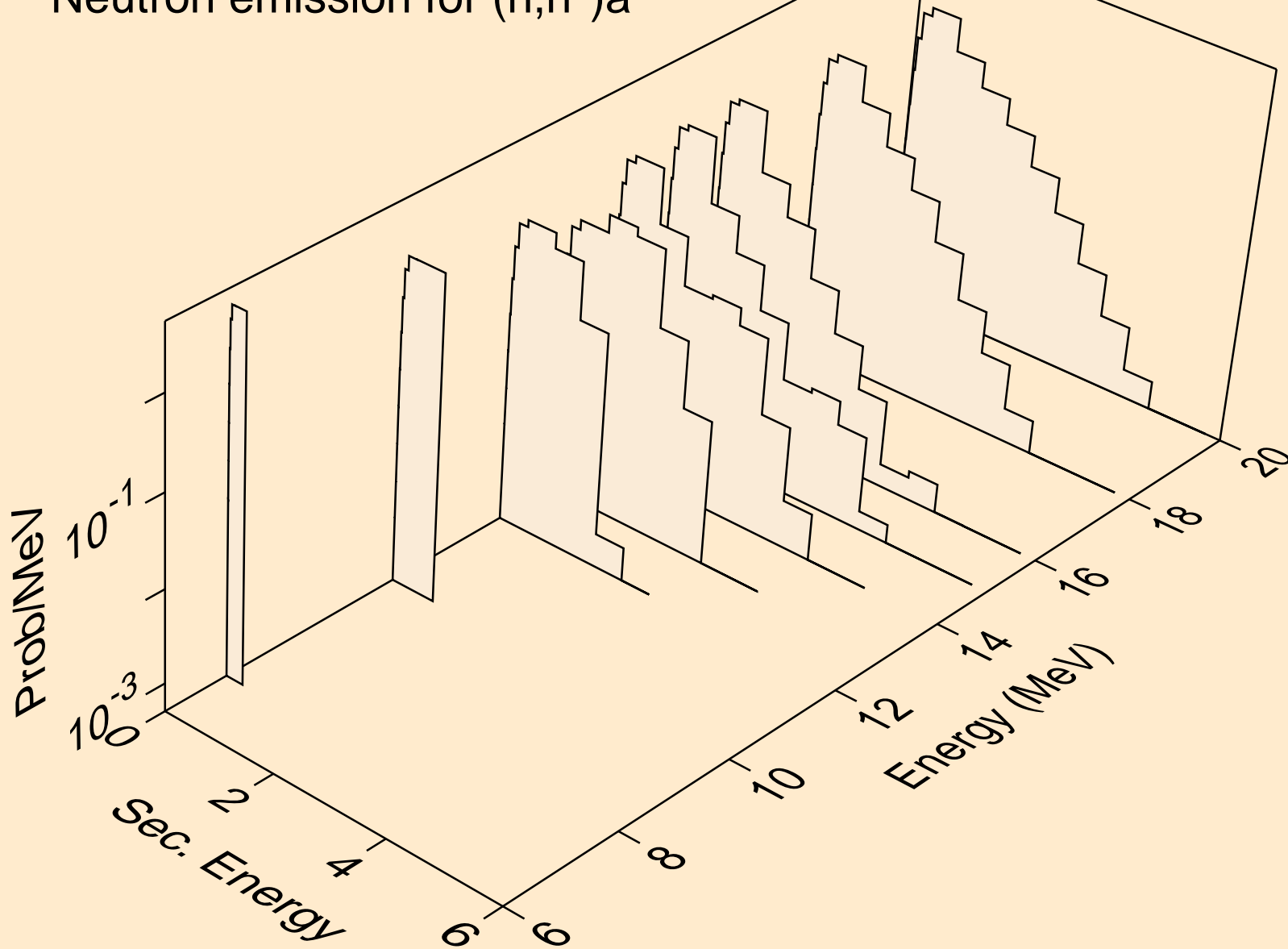
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Neutron emission for (n,x)



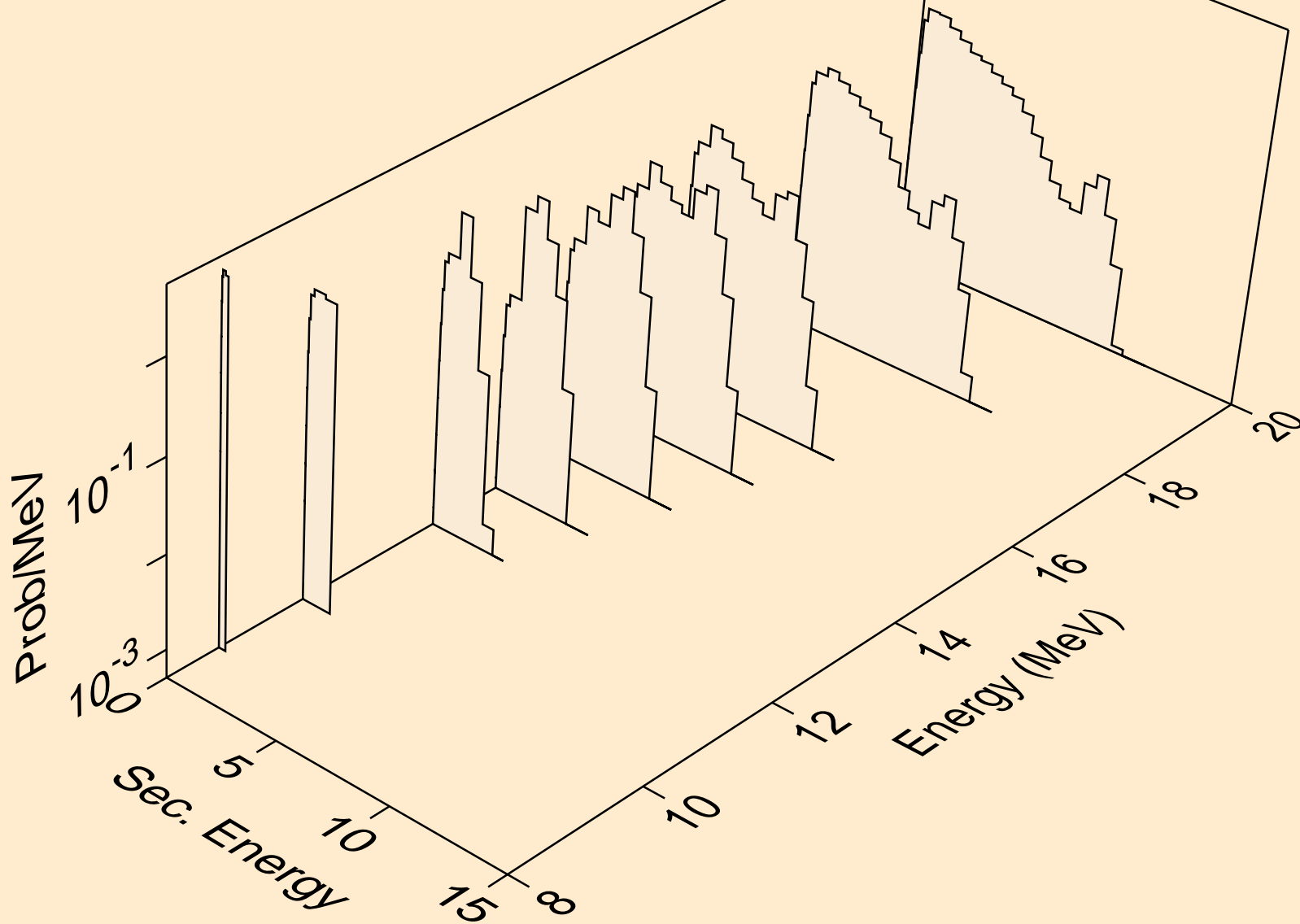
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Neutron emission for (n,2n)



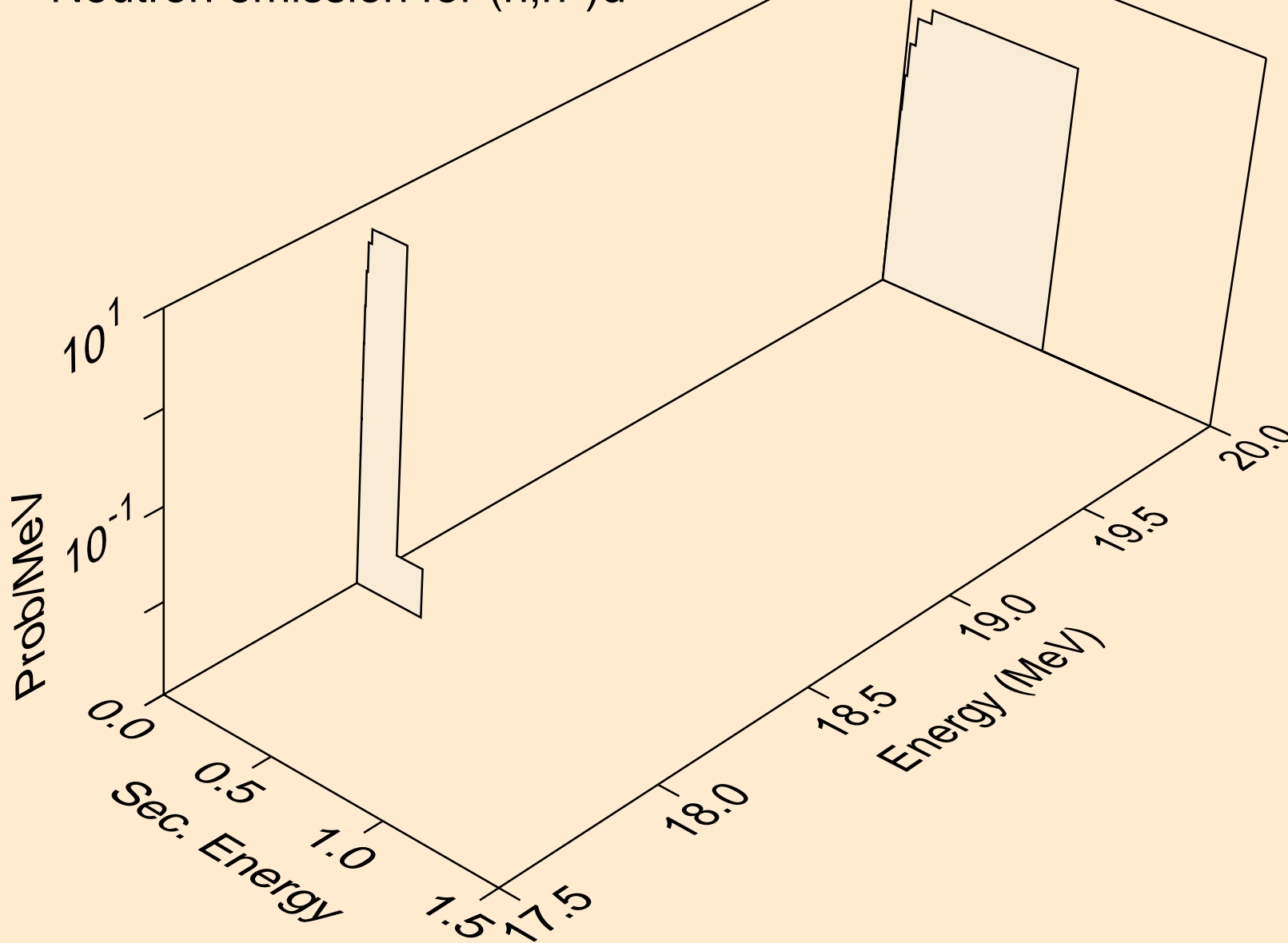
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Neutron emission for (n,n\*)a



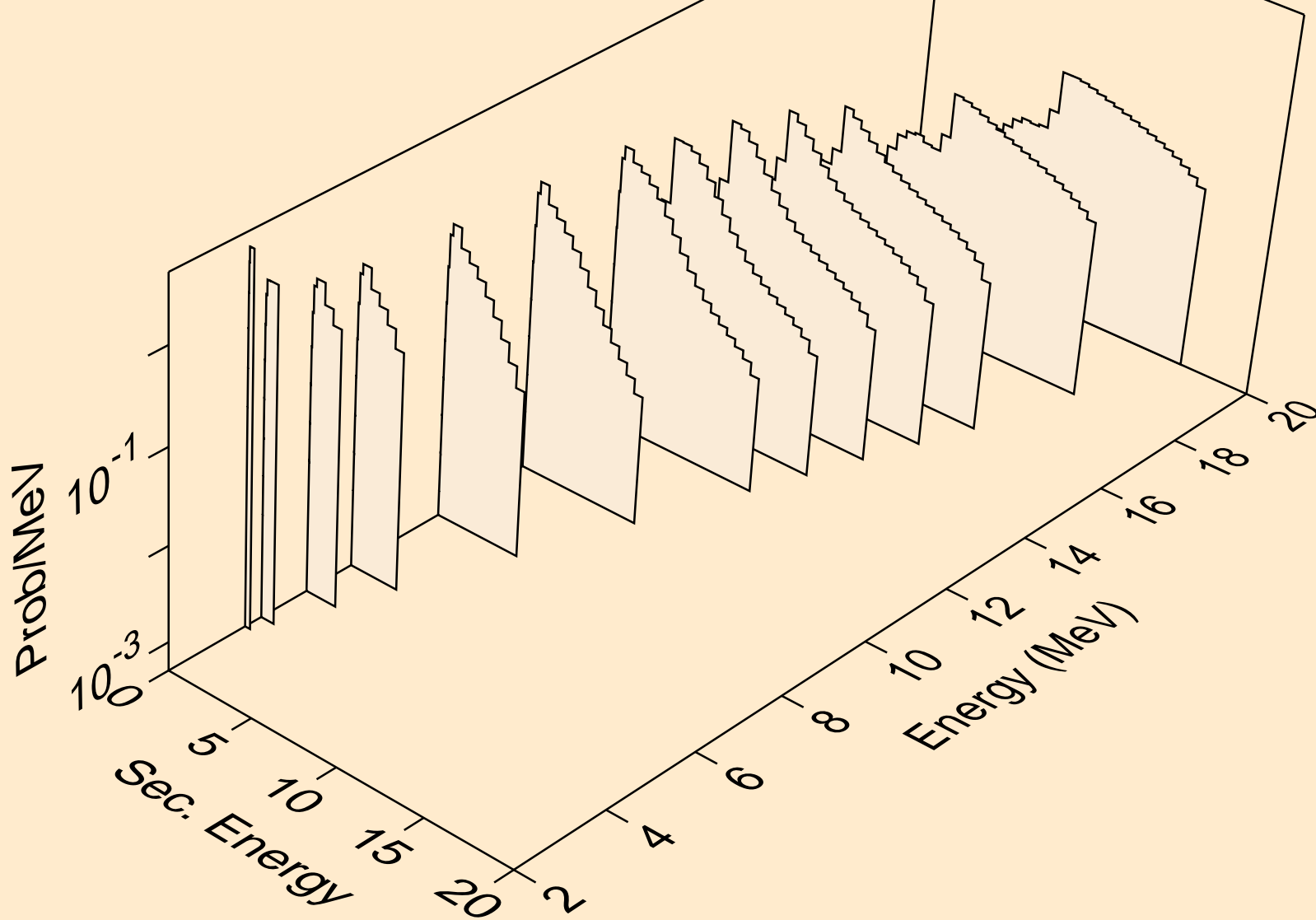
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Neutron emission for (n,n\*)p



40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Neutron emission for (n,n\*)d

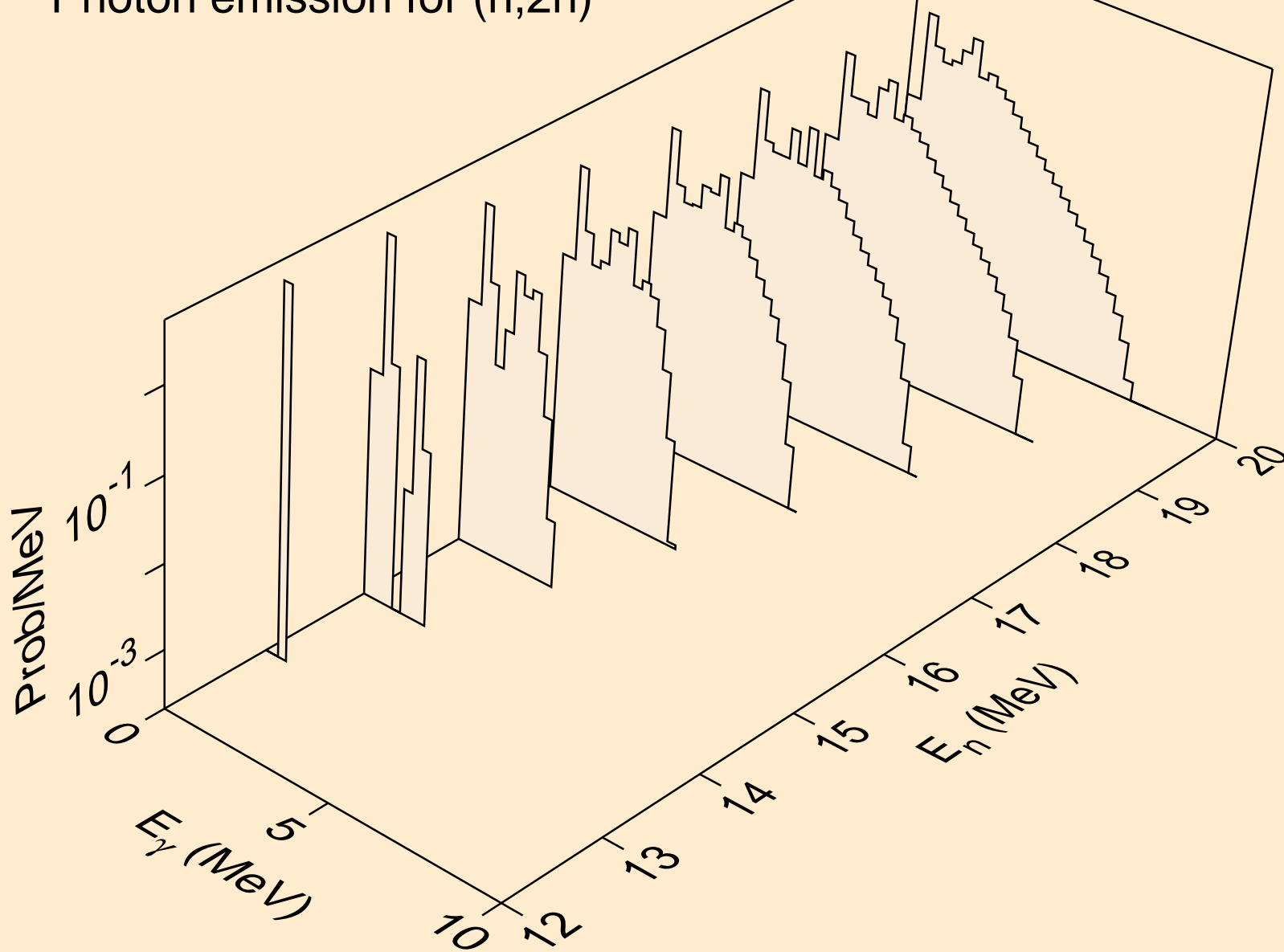


40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Neutron emission for (n,n\*c)

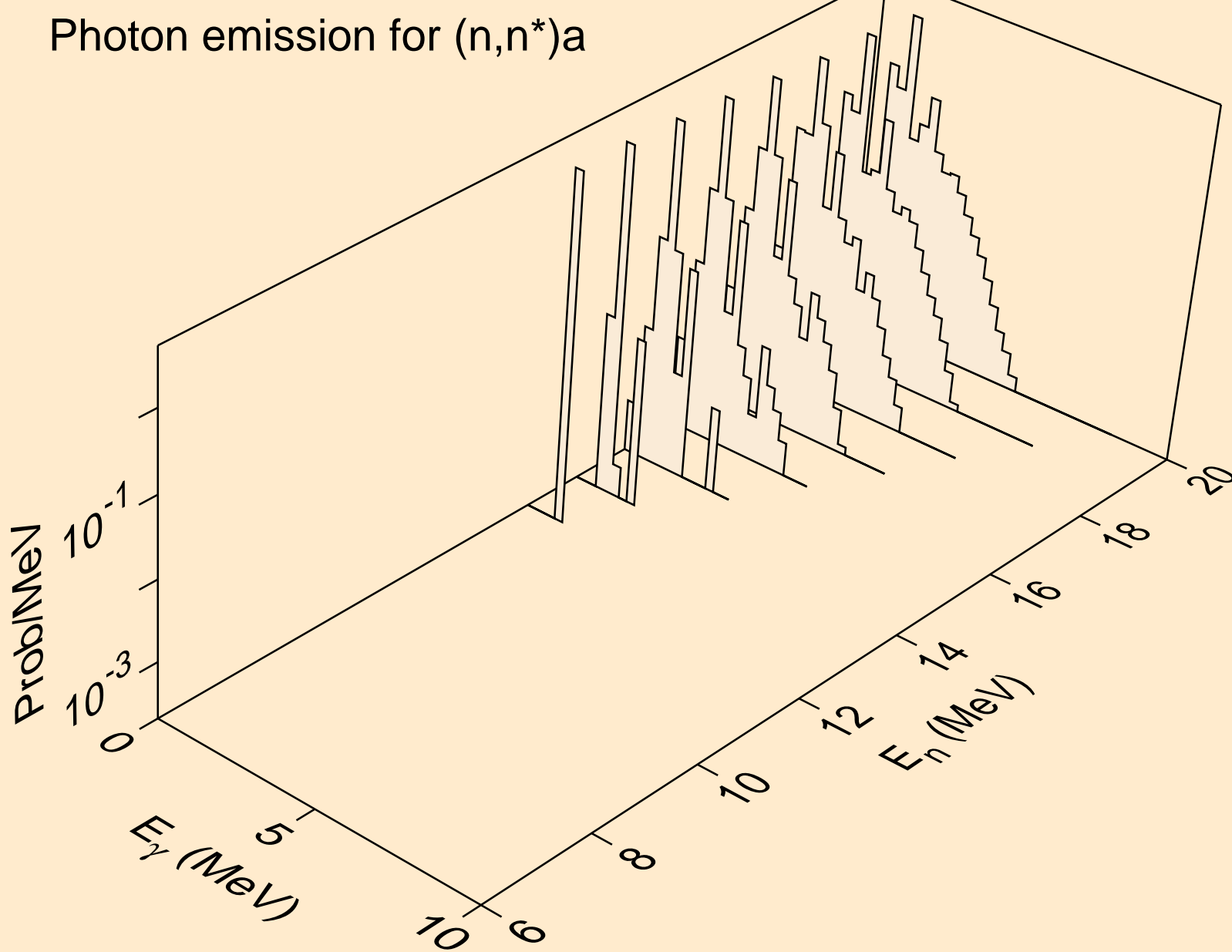




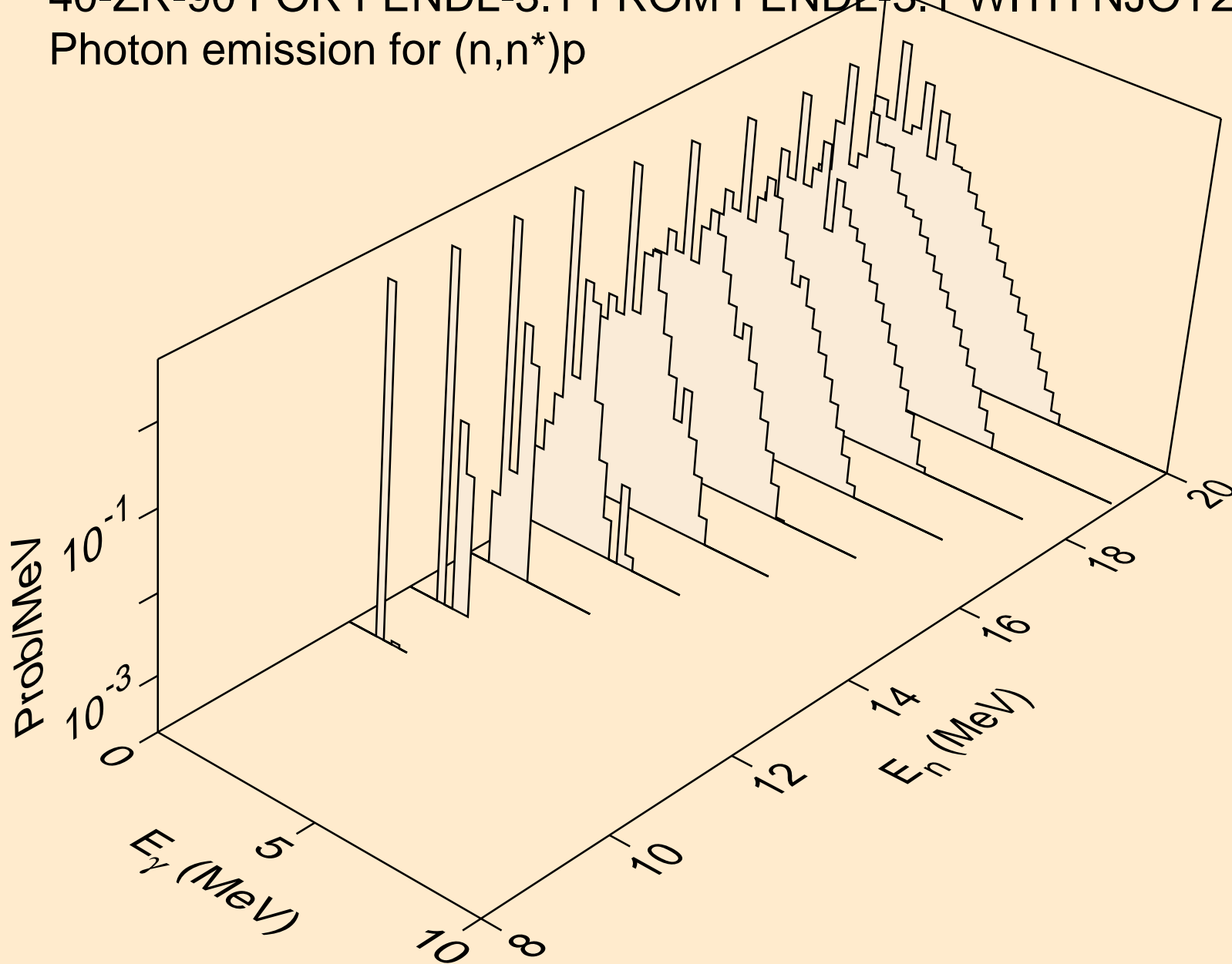
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Photon emission for (n,2n)



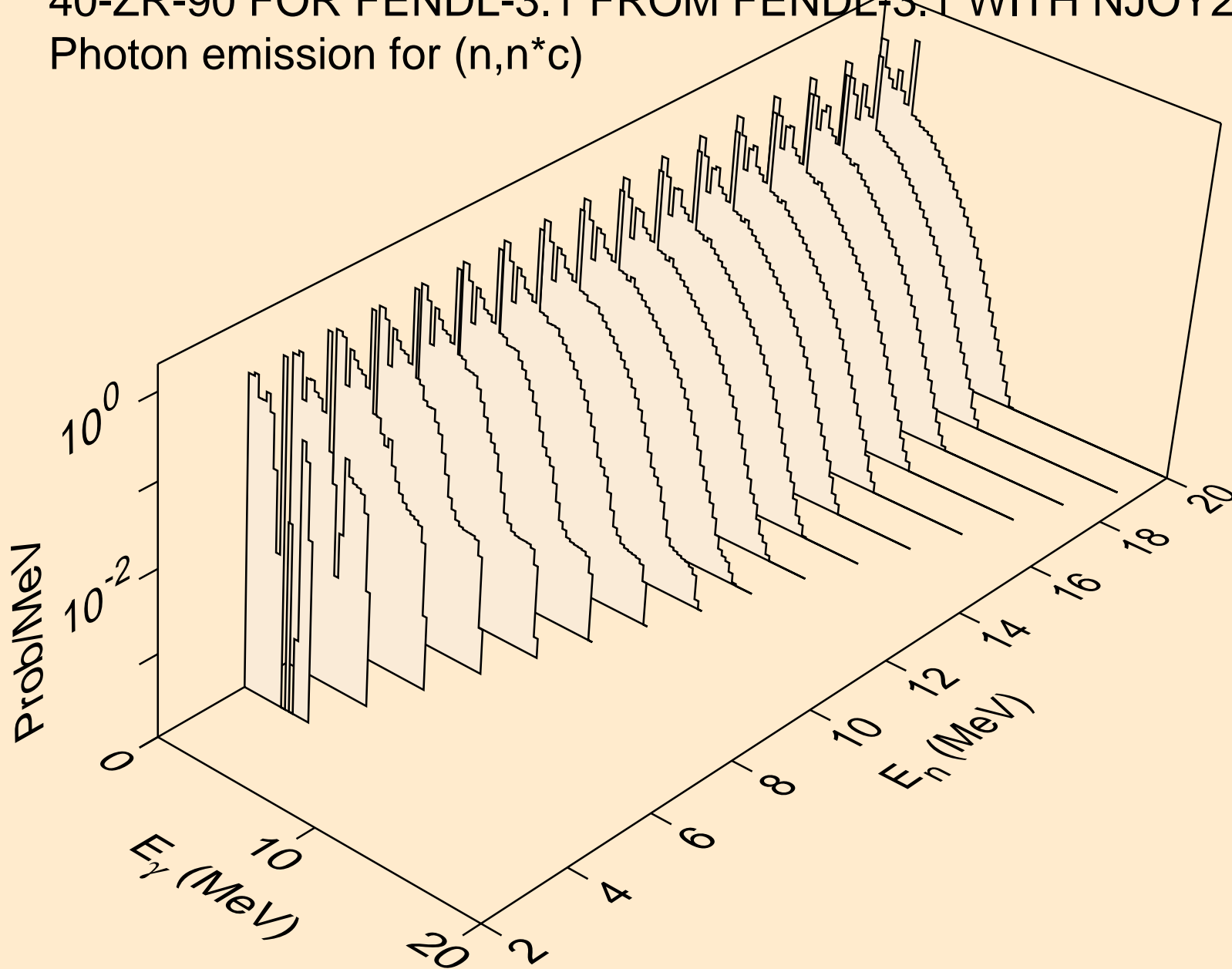
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Photon emission for (n,n\*)a



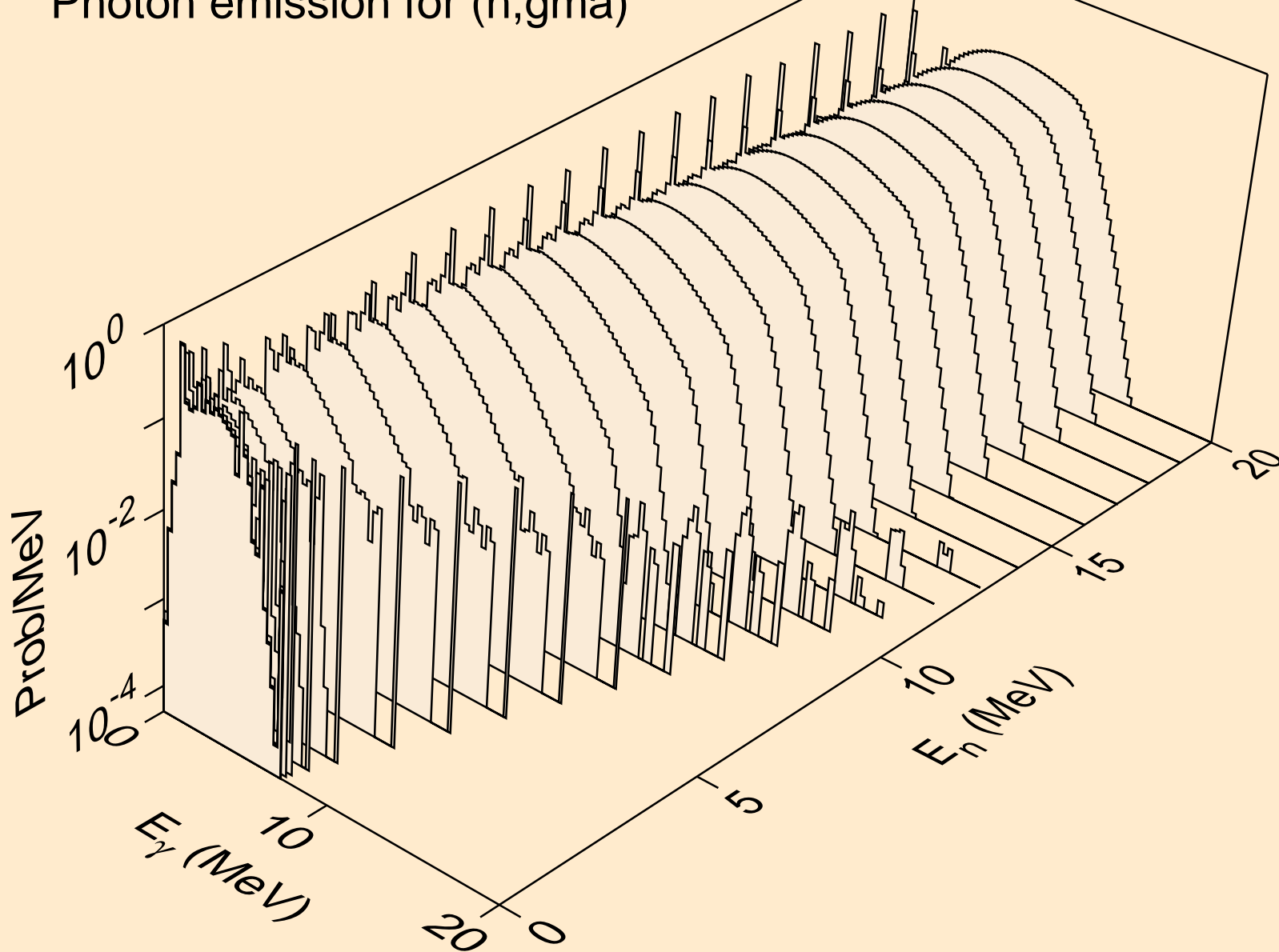
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Photon emission for (n,n\*)p



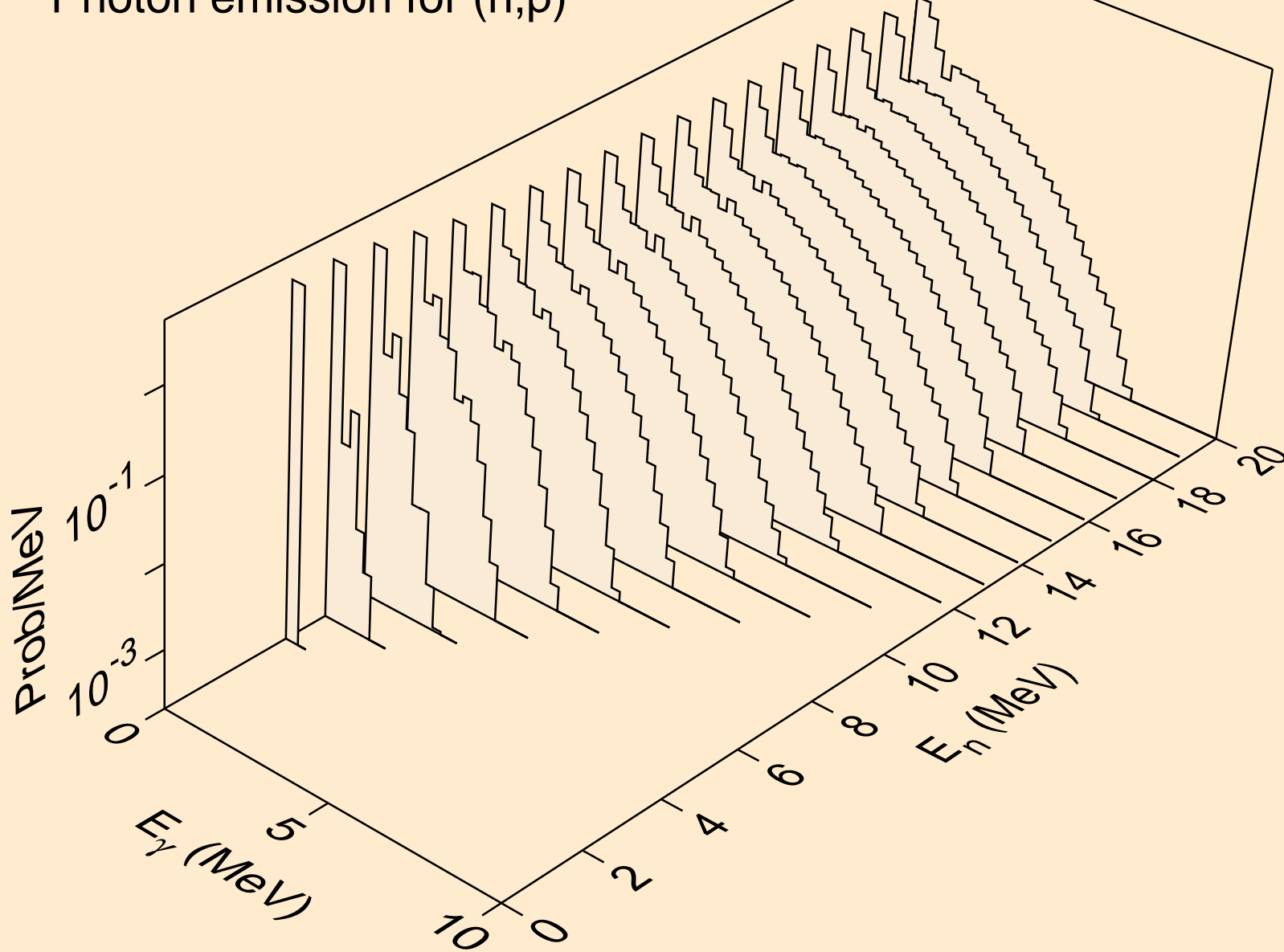
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Photon emission for (n,n\*c)



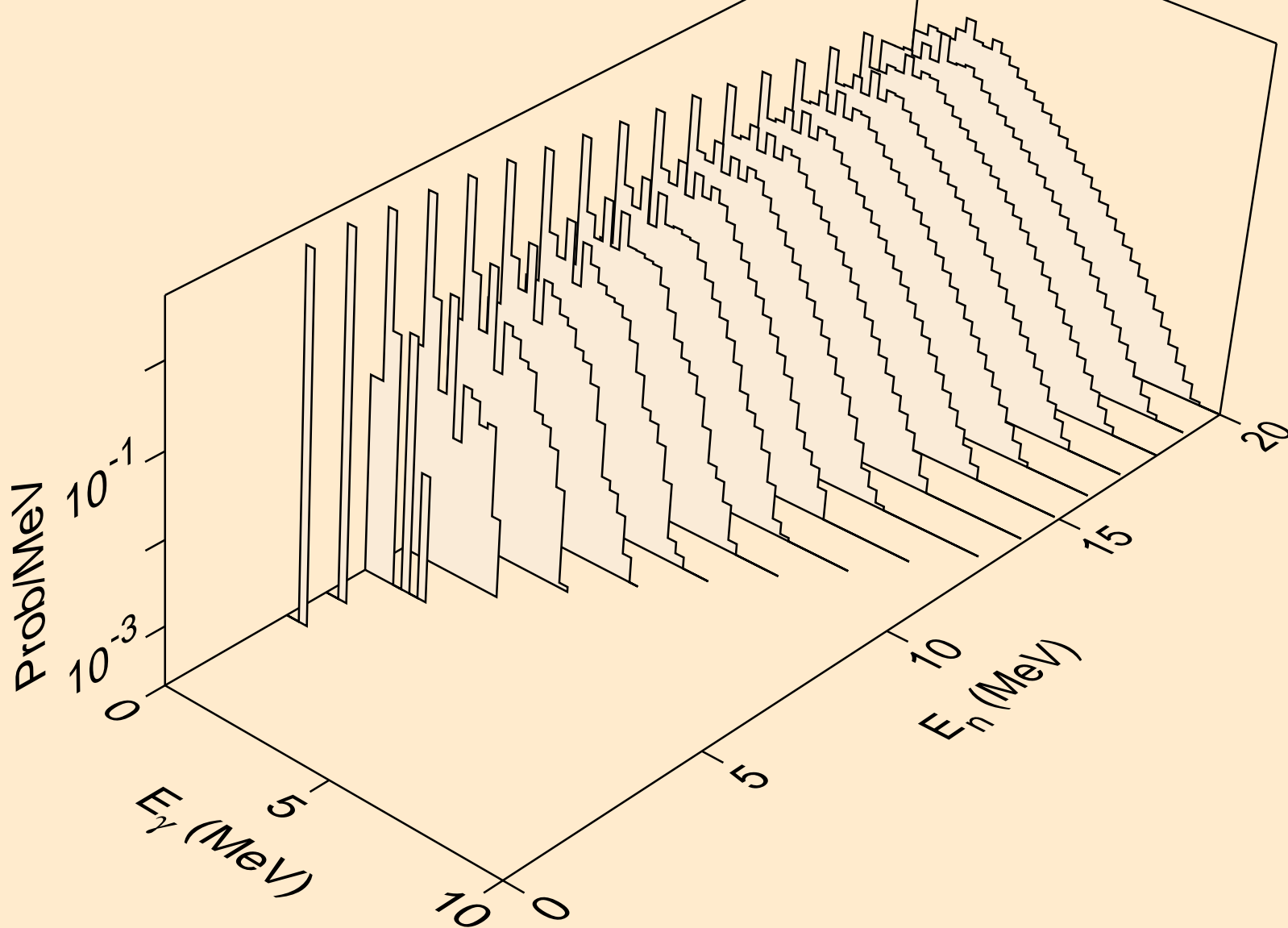
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Photon emission for (n,gma)



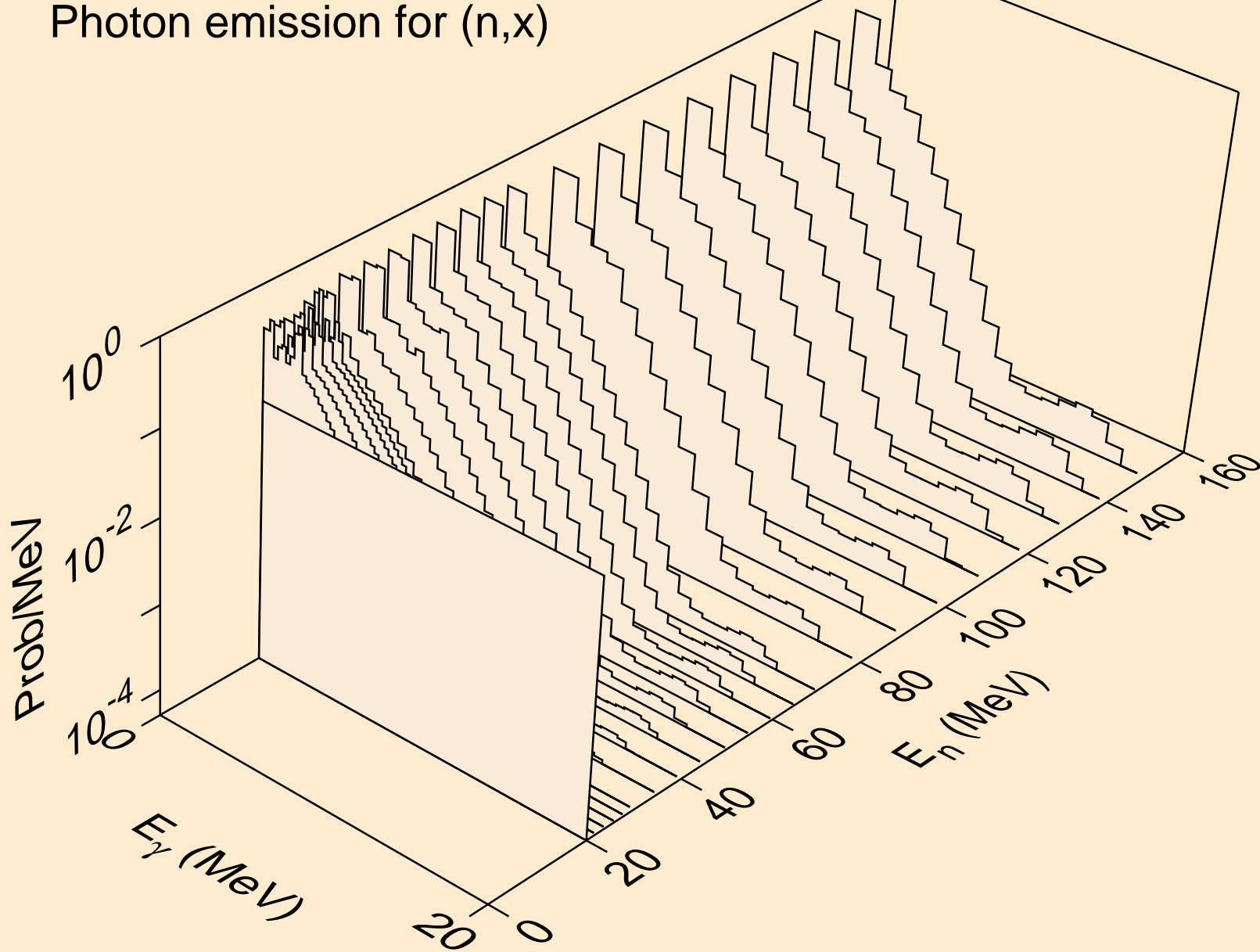
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Photon emission for (n,p)



40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Photon emission for (n,a)

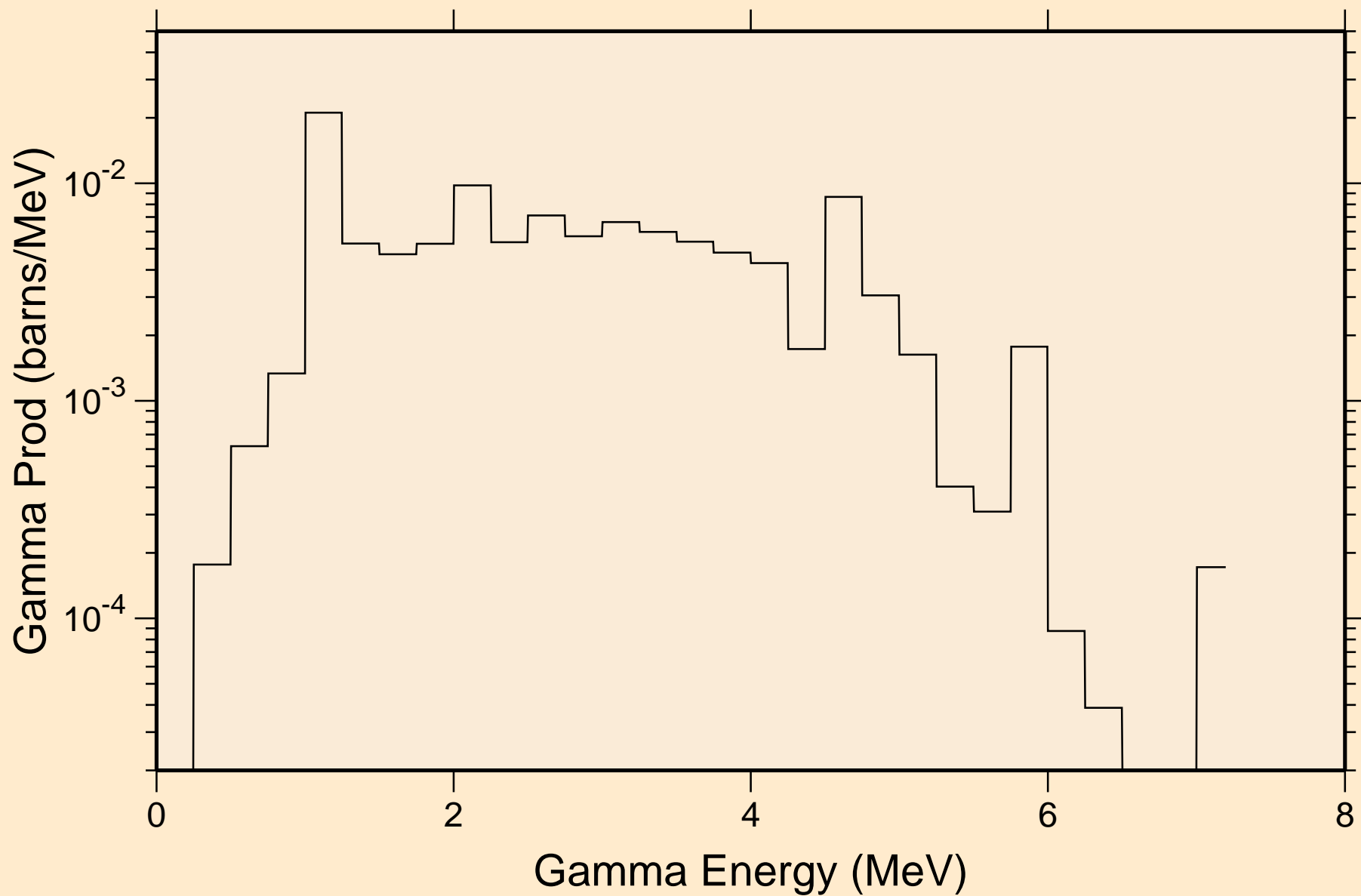


40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
Photon emission for (n,x)

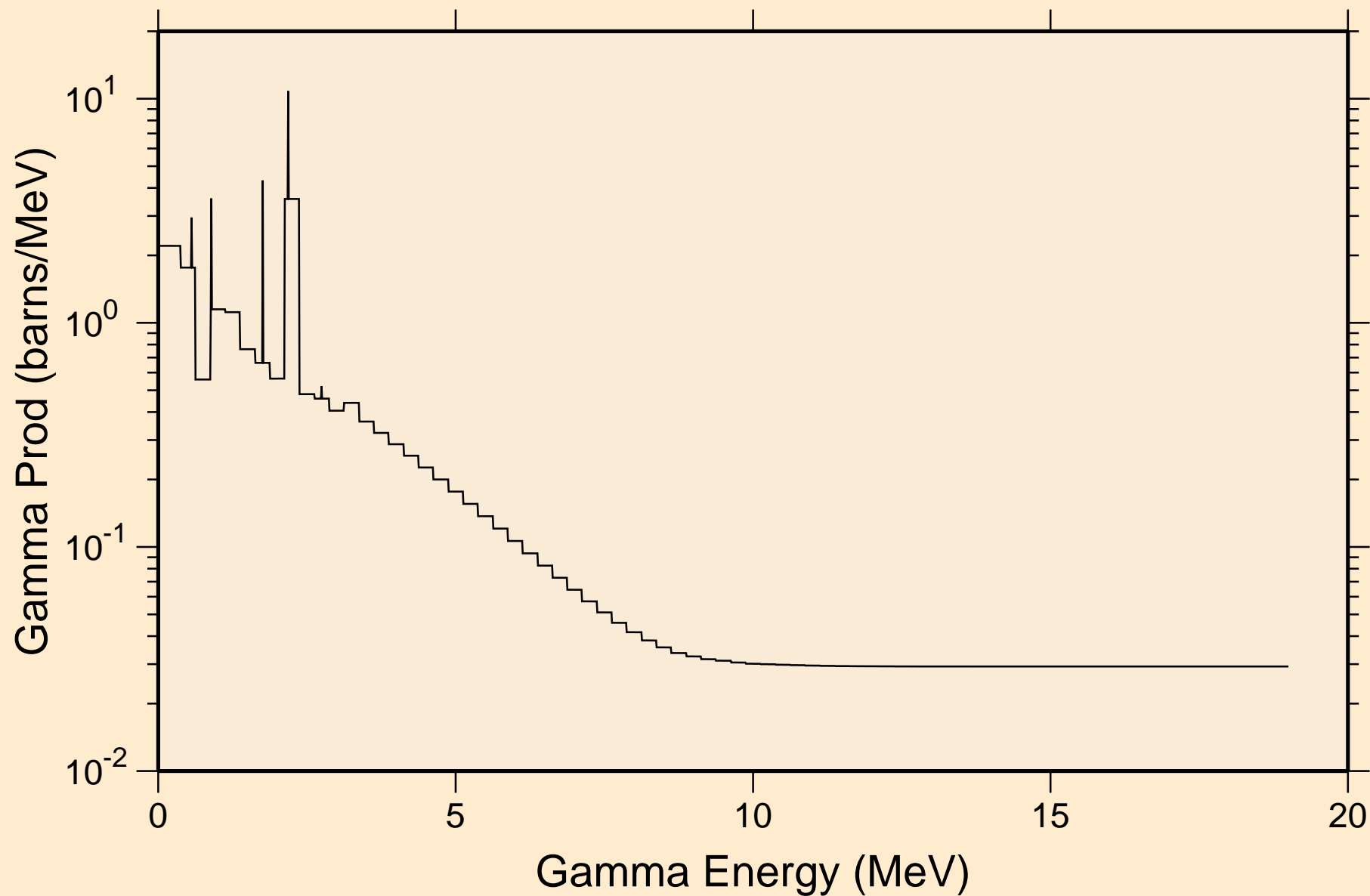




40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
thermal capture photon spectrum

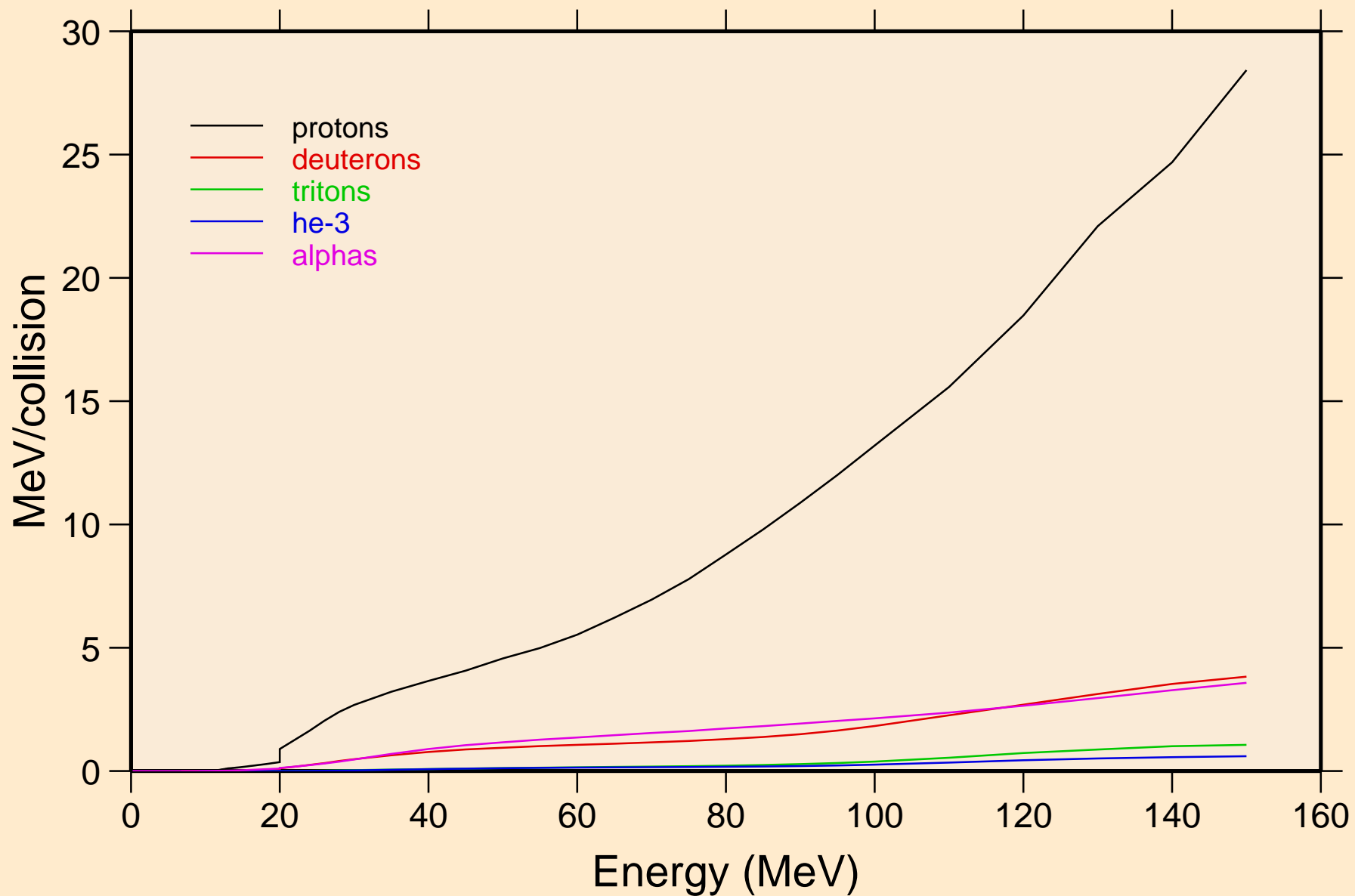


40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
14 MeV photon spectrum

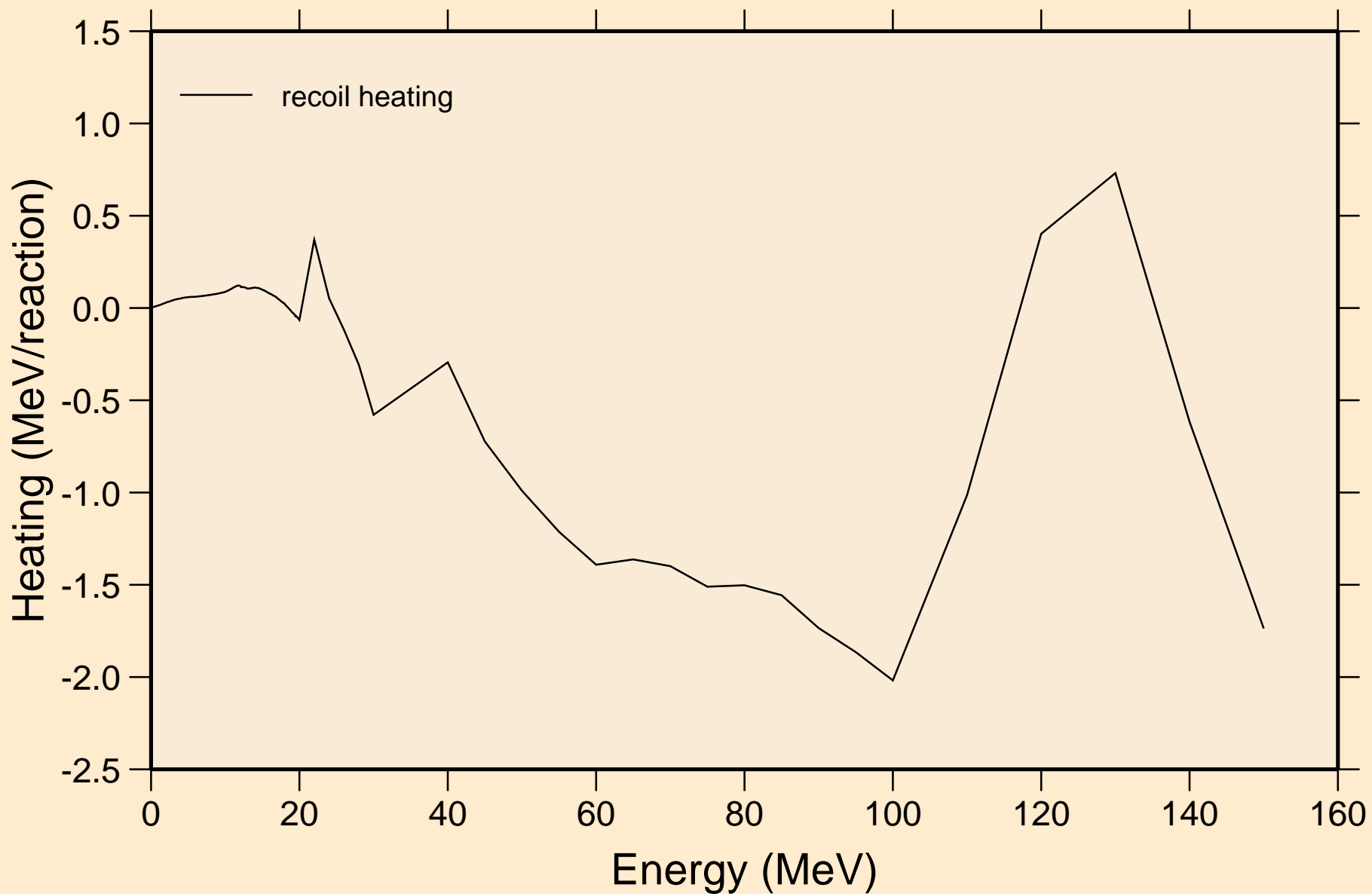


# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+

## Particle heating contributions

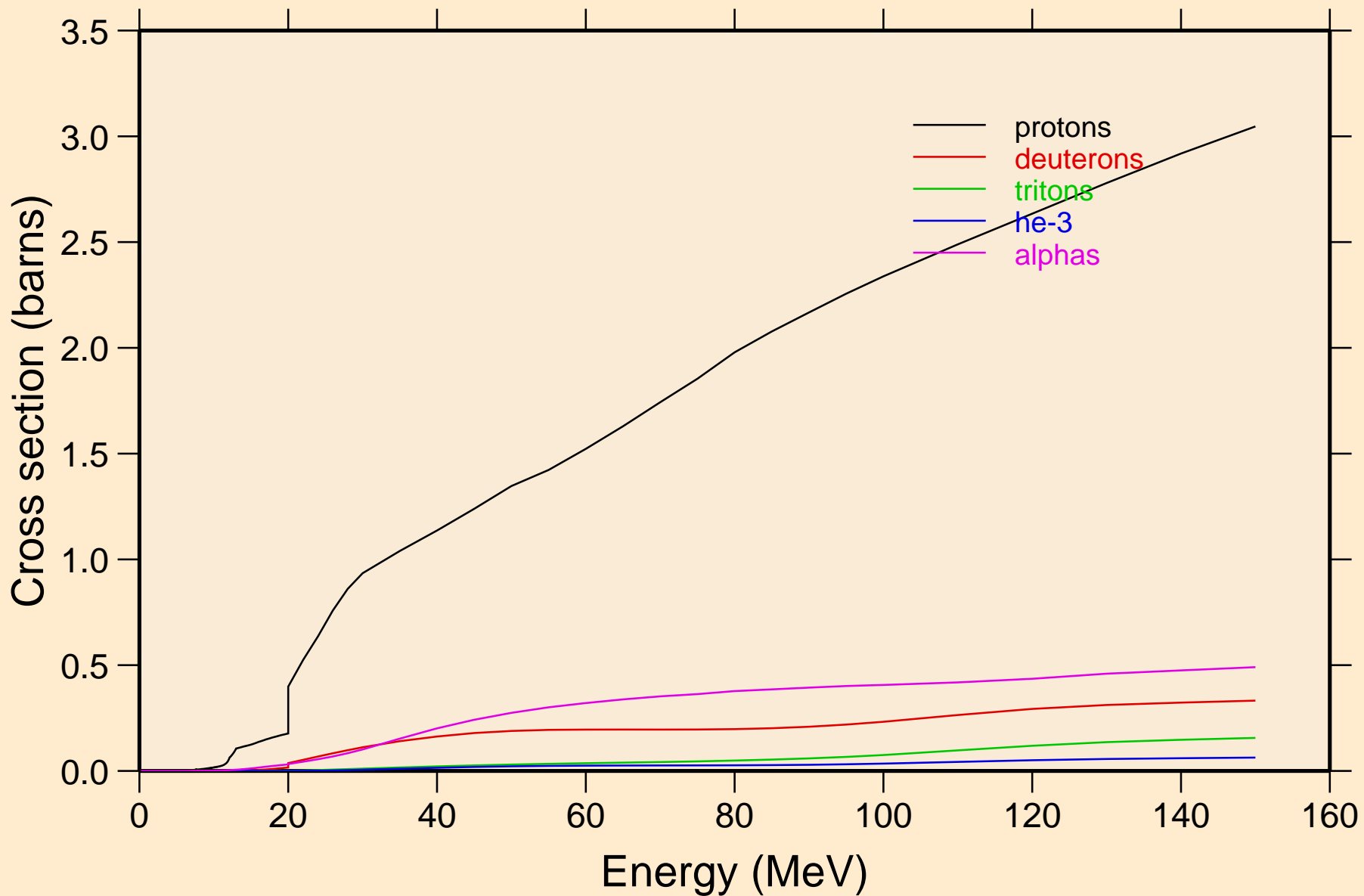


# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+ Recoil Heating

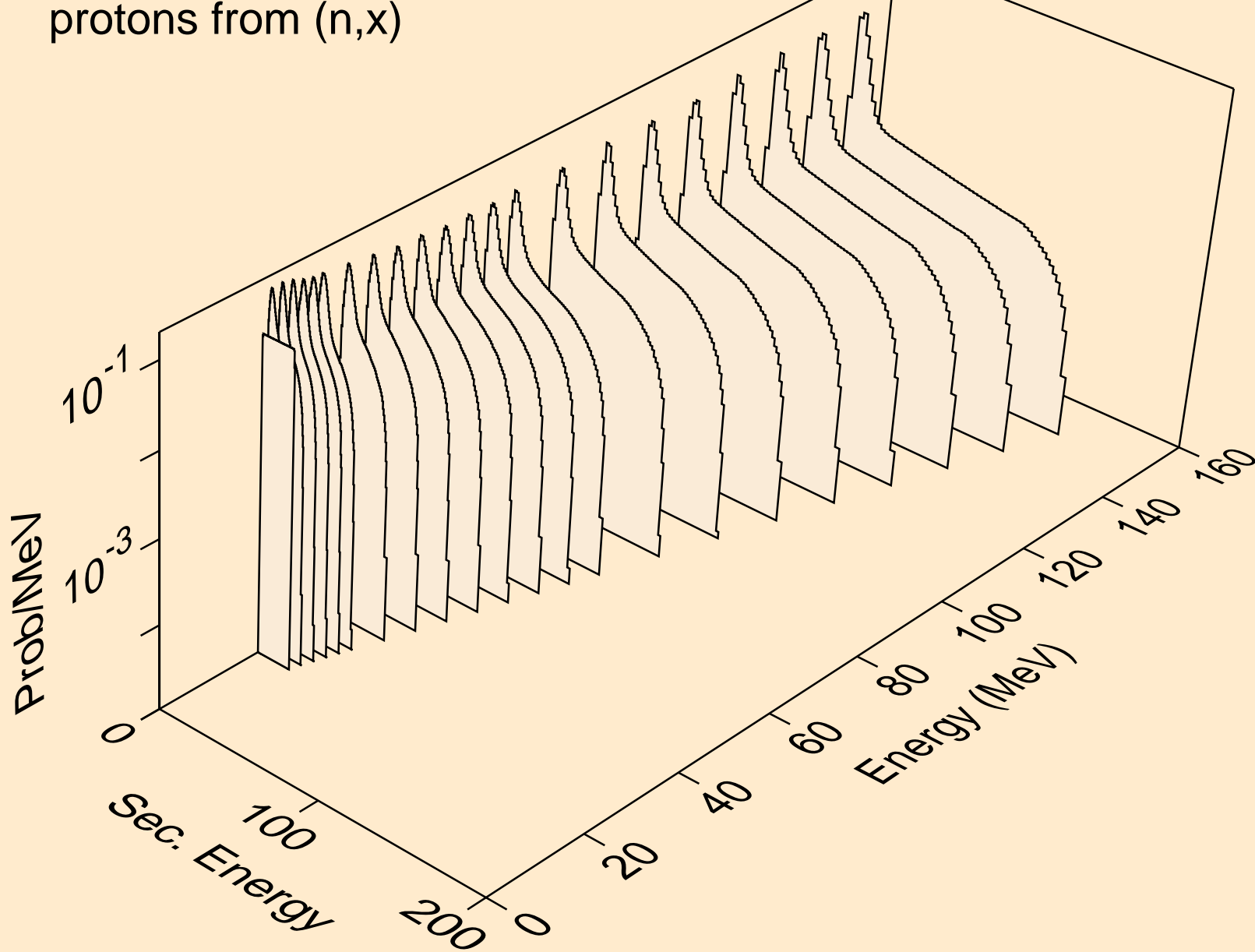


# 40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+

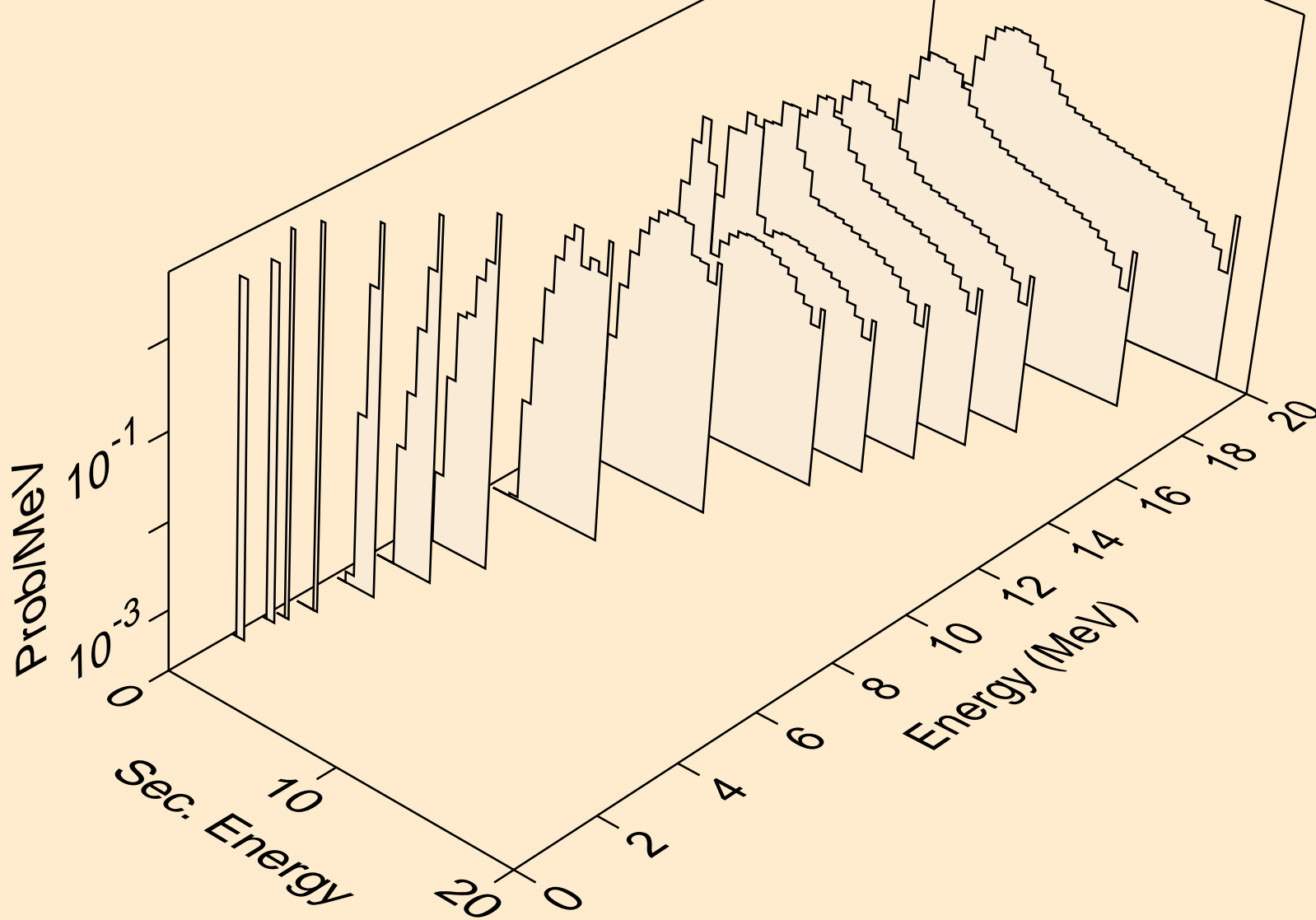
## Particle production cross sections



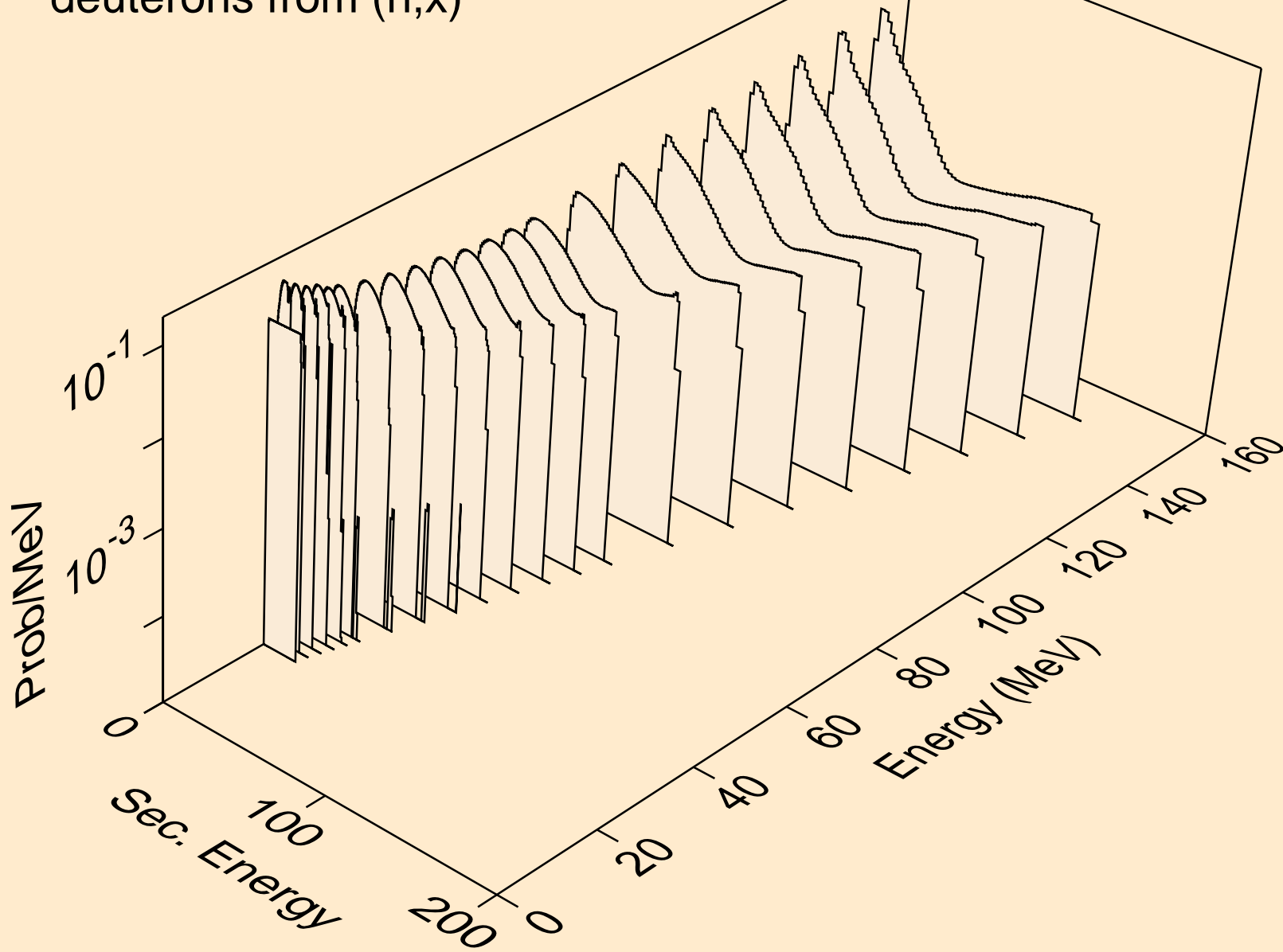
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
protons from (n,x)



40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
protons from (n,xp)

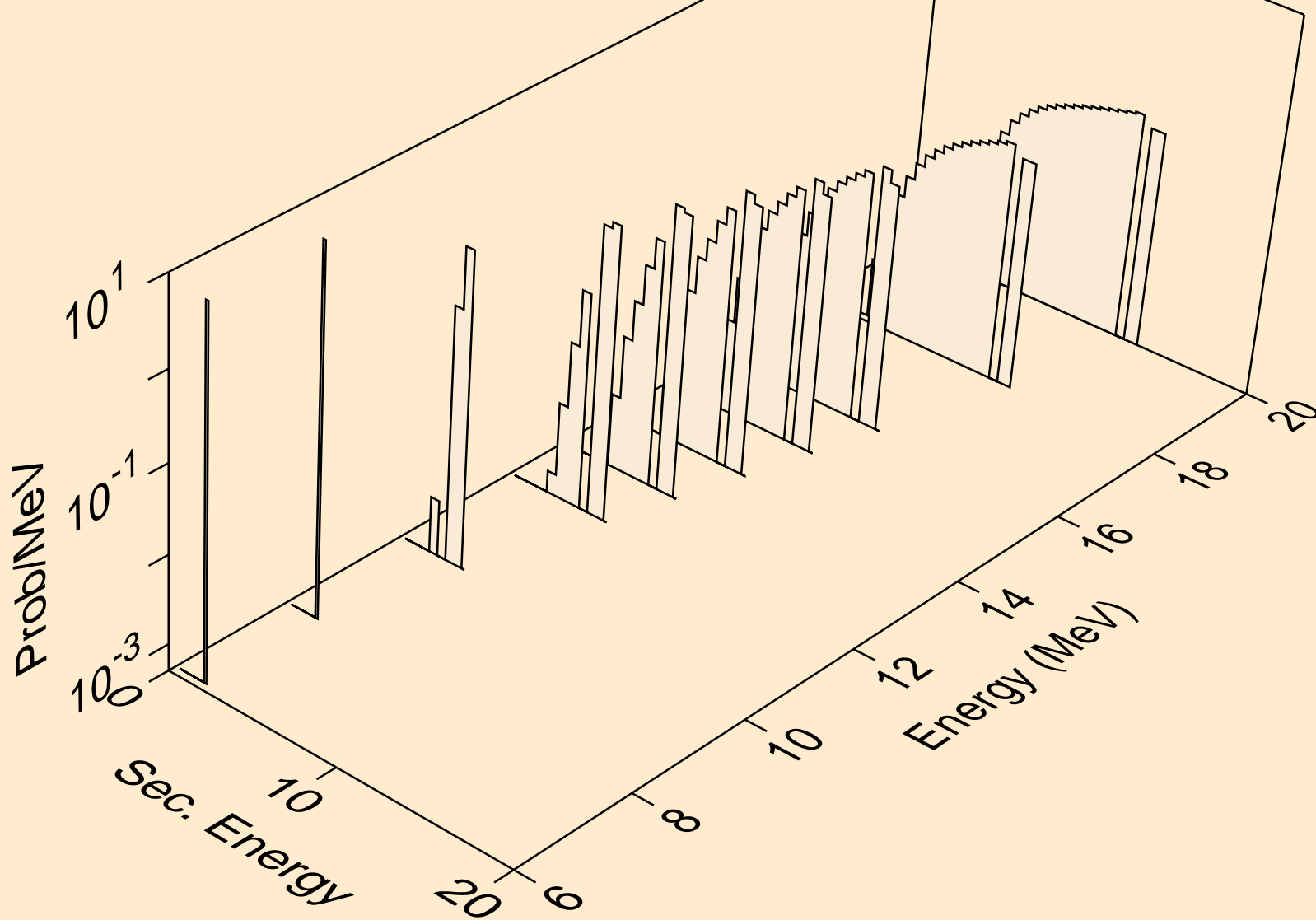


40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
deuterons from (n,x)

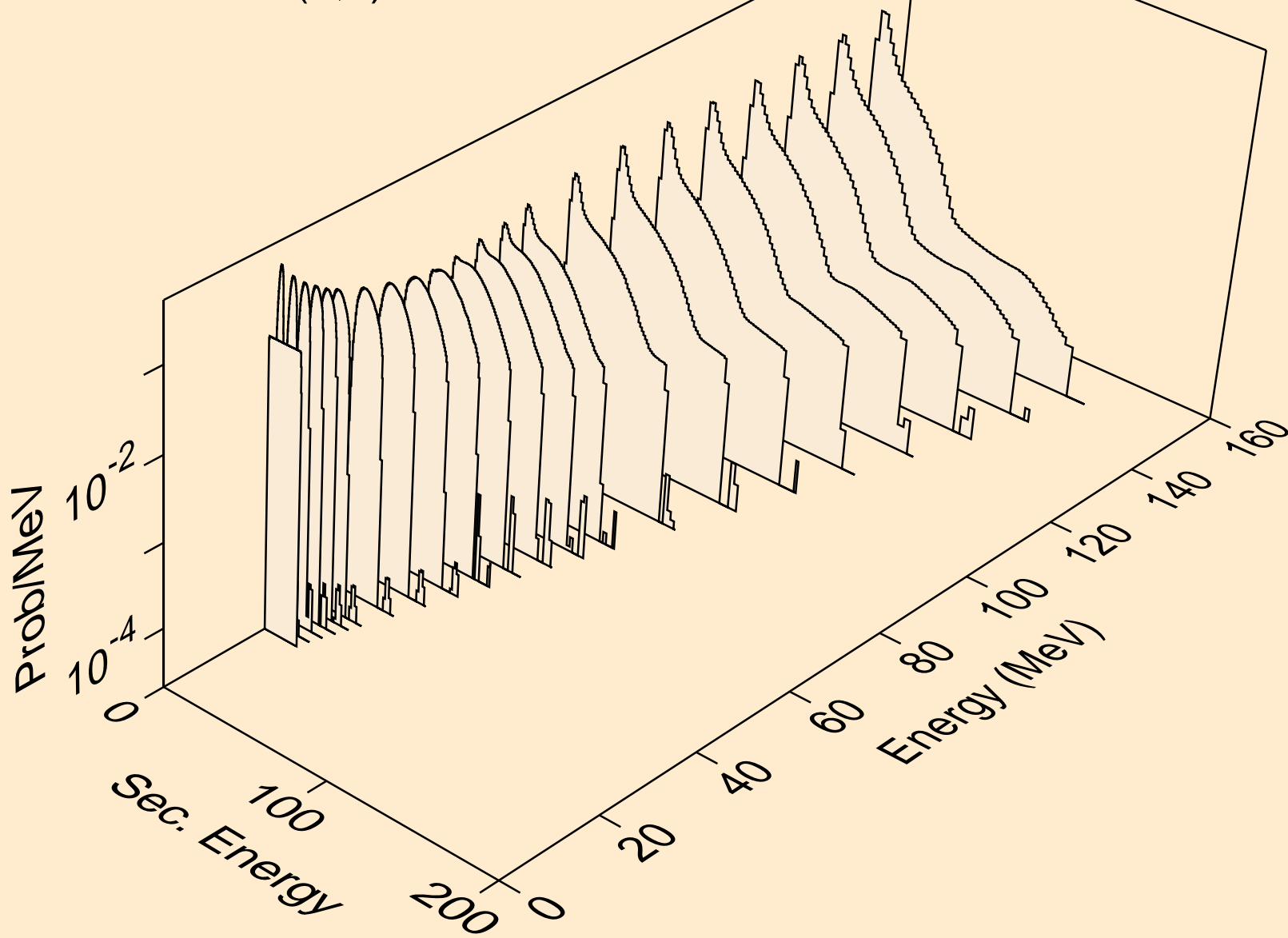




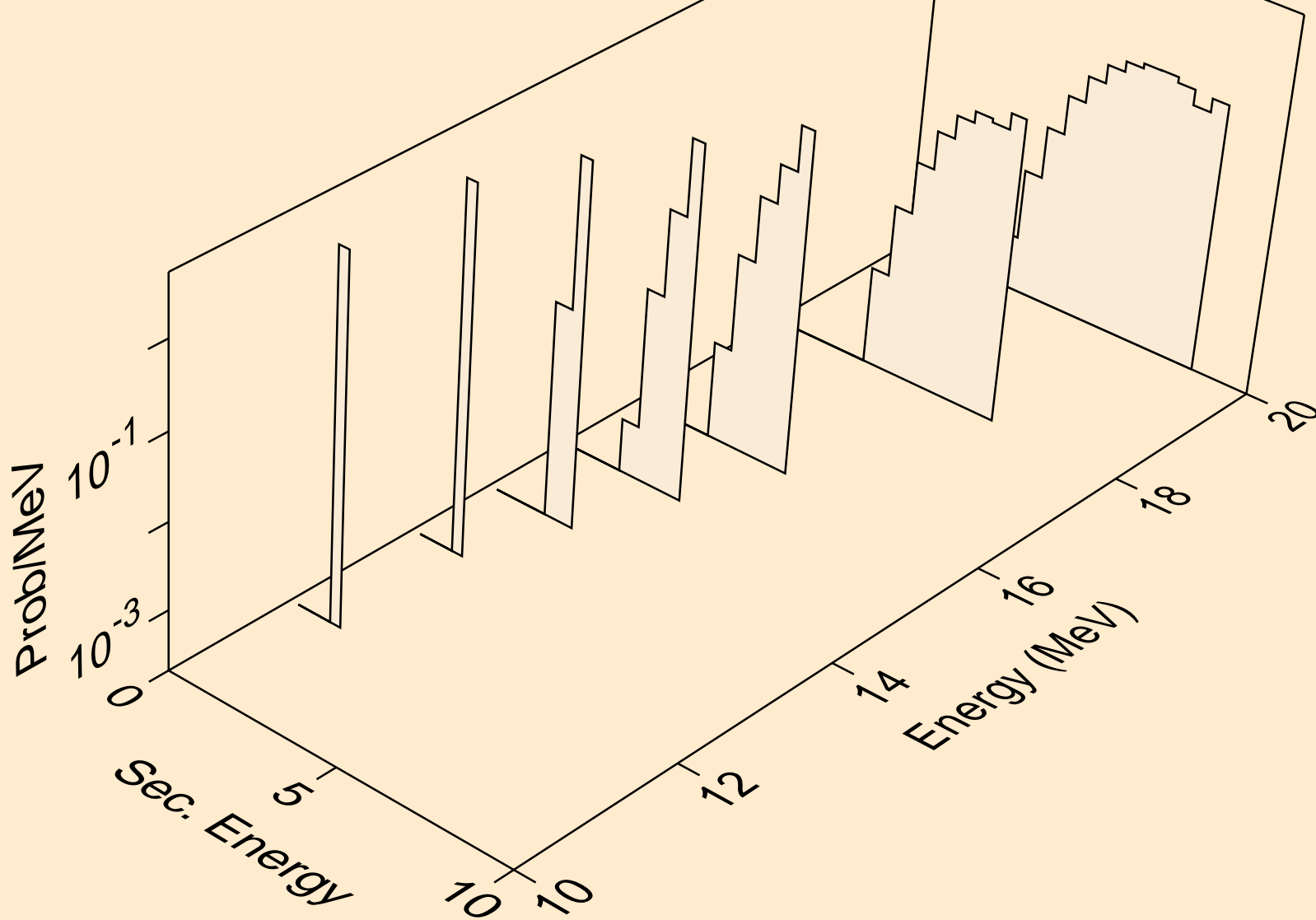
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
deuterons from (n,xd)



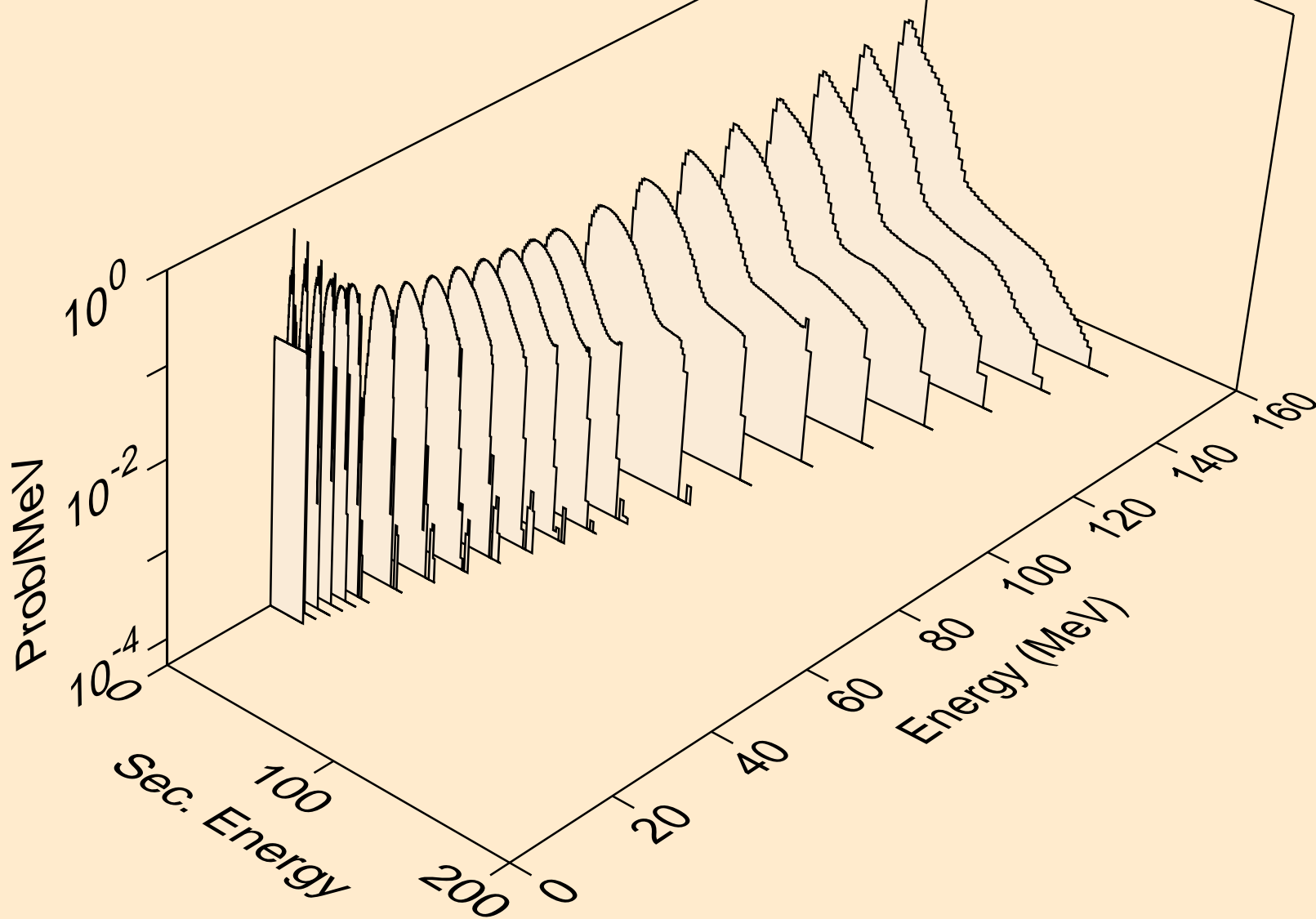
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
tritons from (n,x)



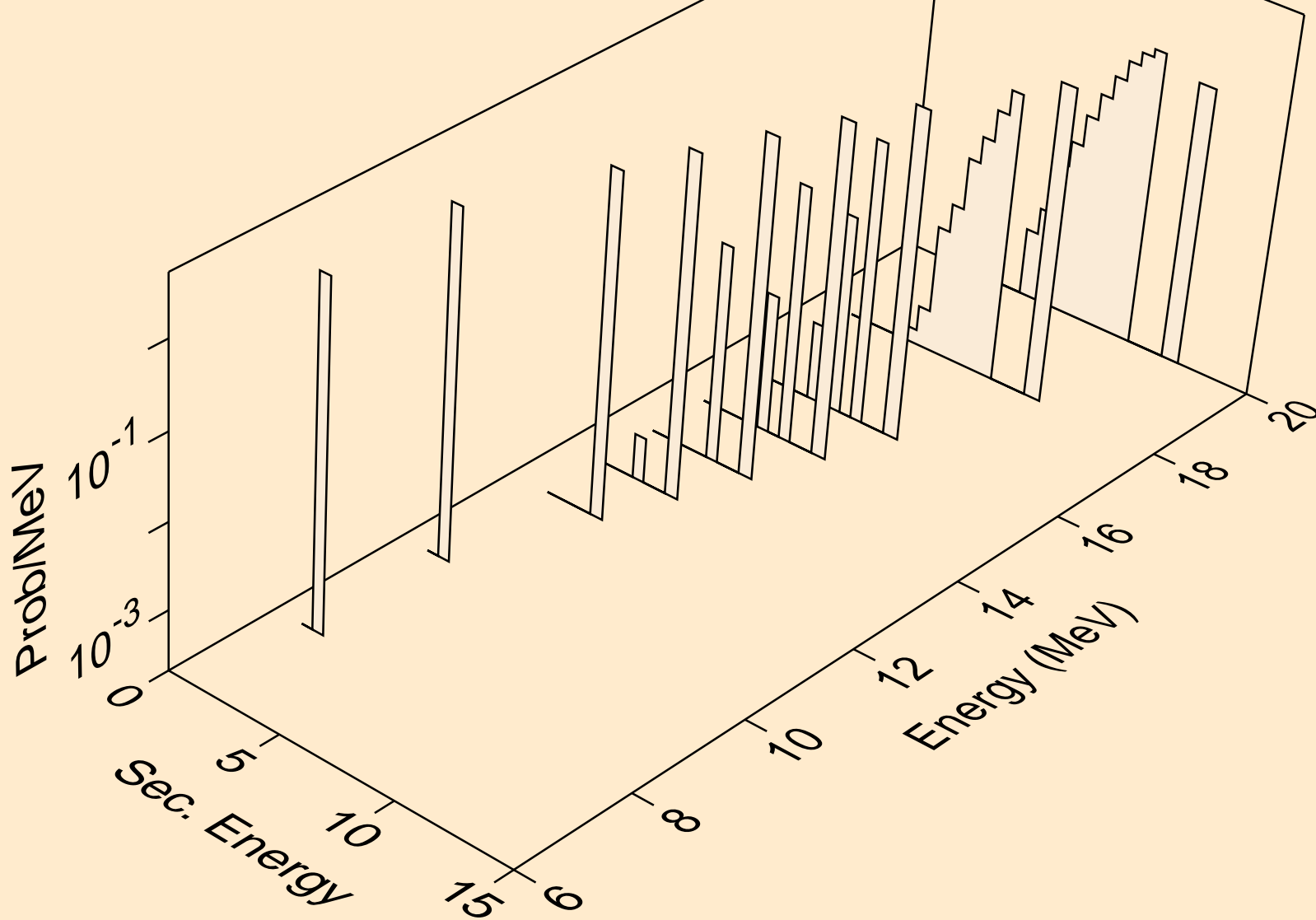
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
tritons from (n,xt)



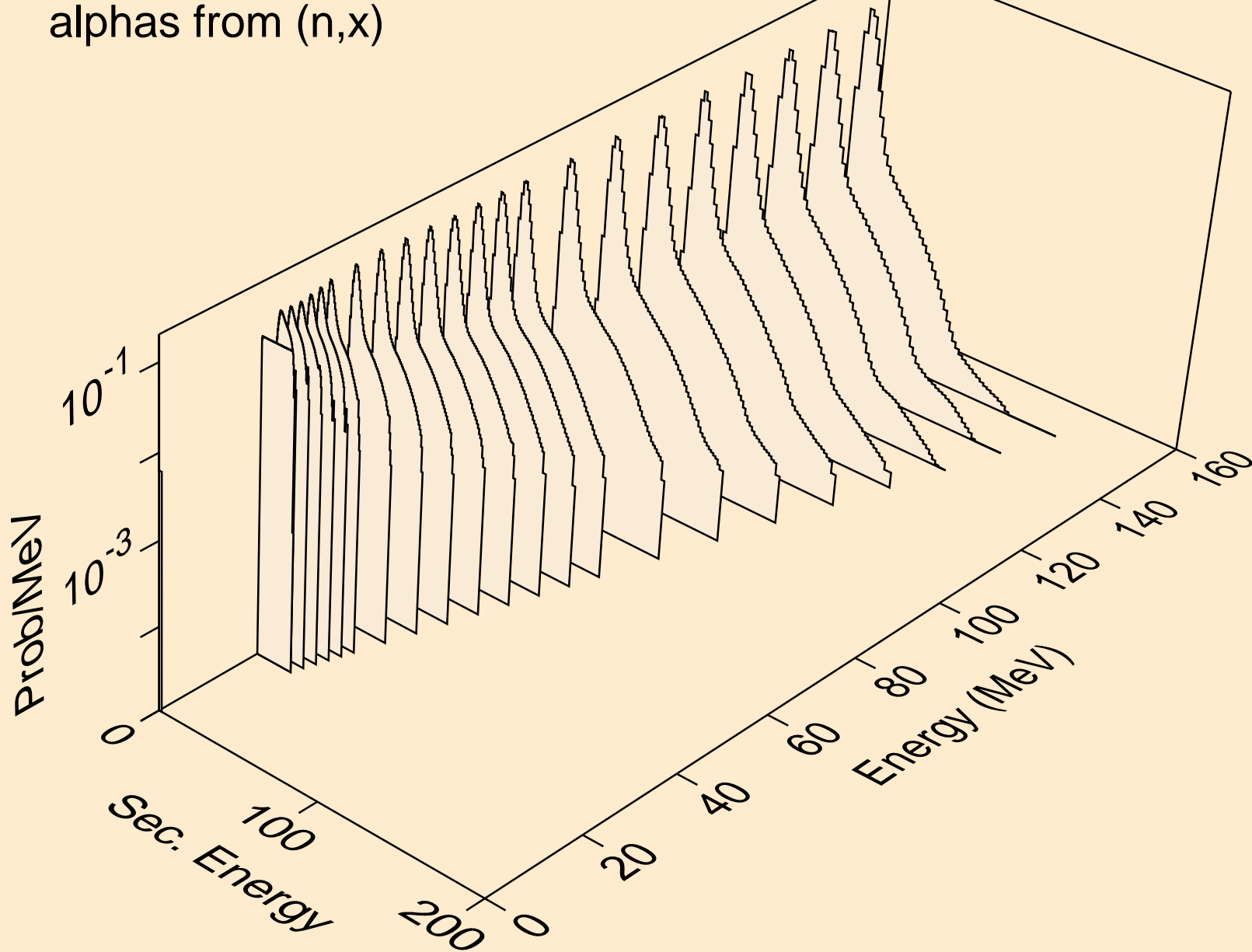
40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
he3s from (n,x)



40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
he3s from (n,xhe3)



40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
alphas from (n,x)



40-ZR-90 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50+  
alphas from (n,xa)

