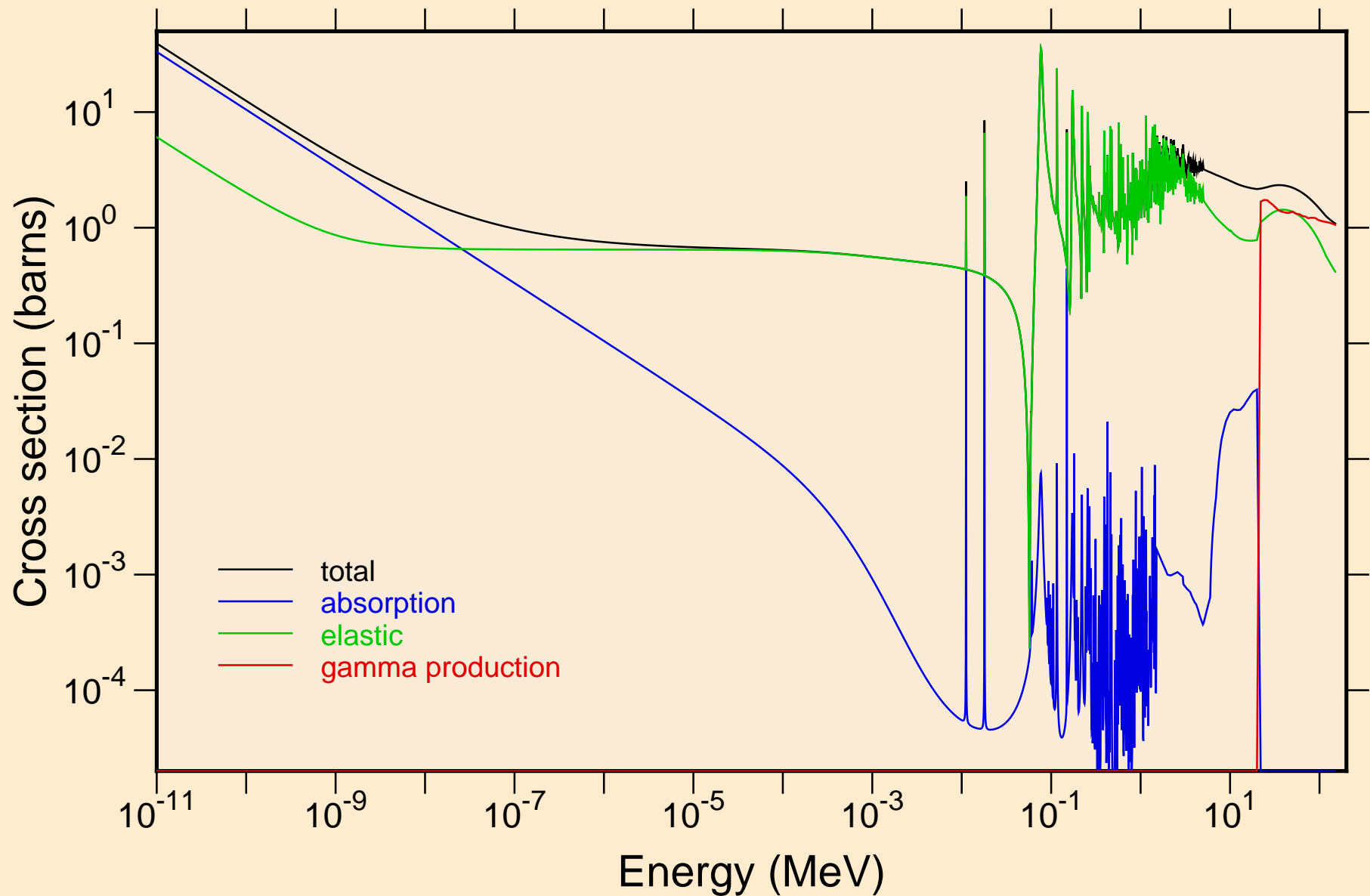
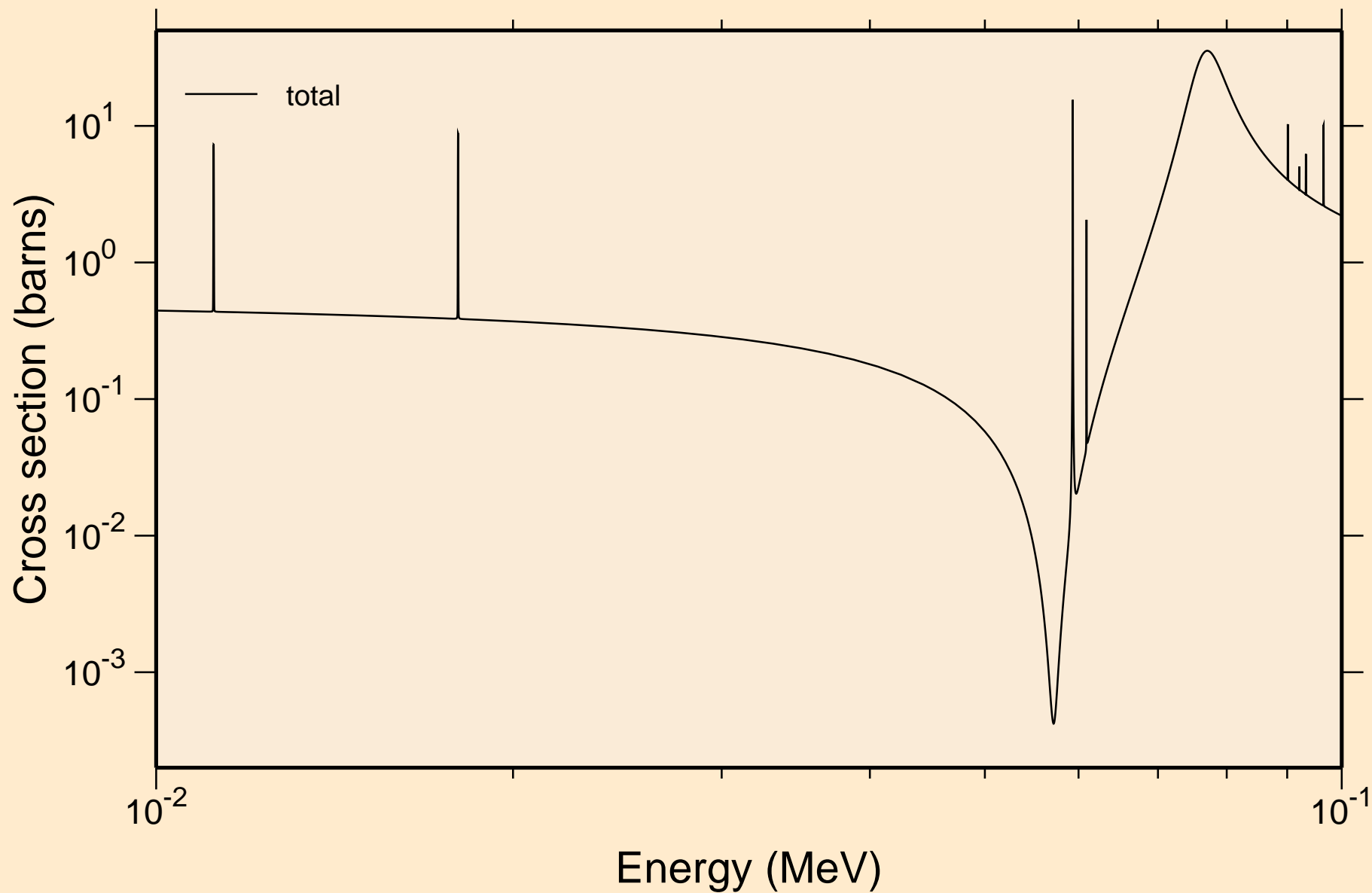


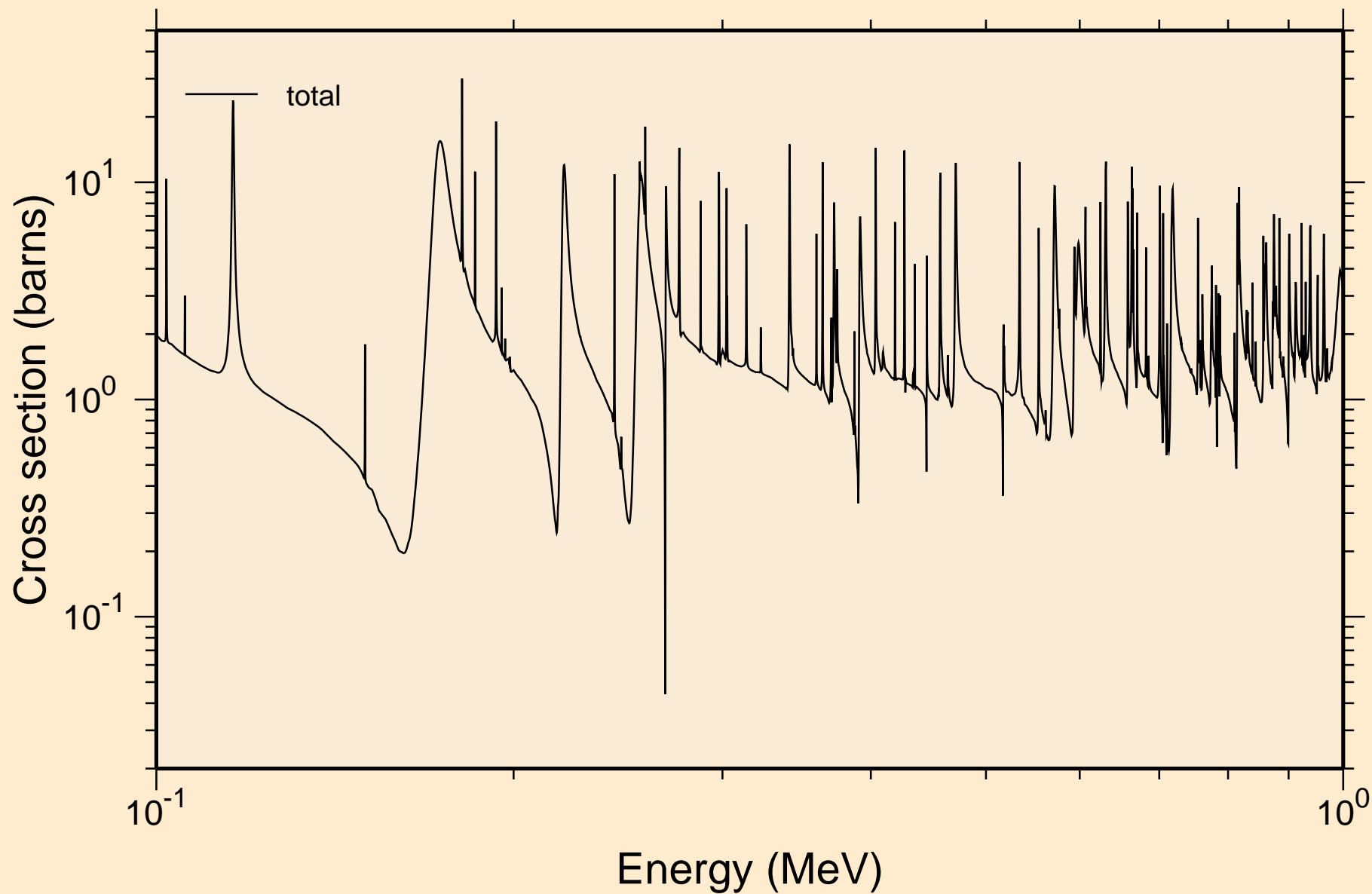
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Principal cross sections



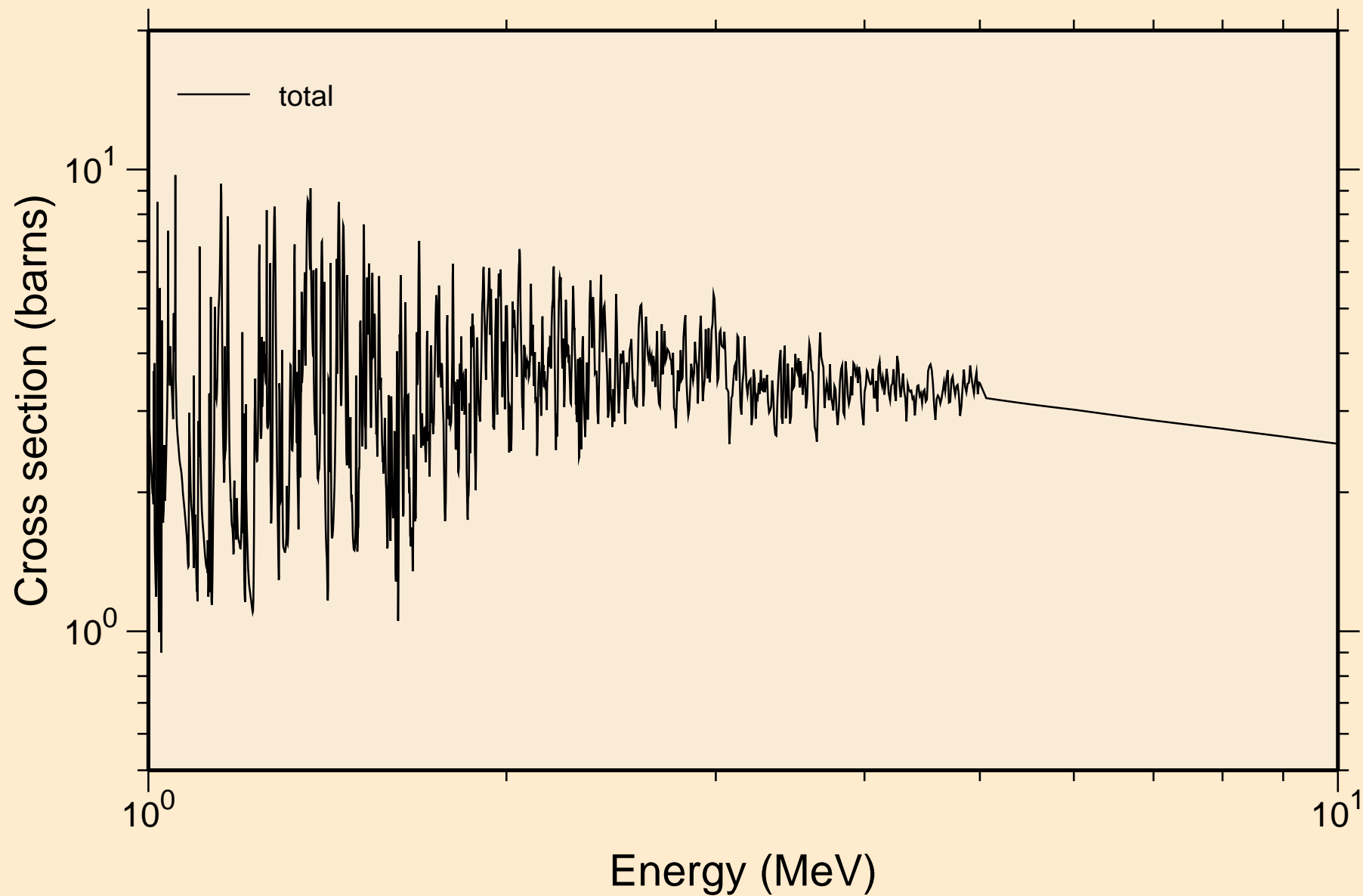
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance total cross section



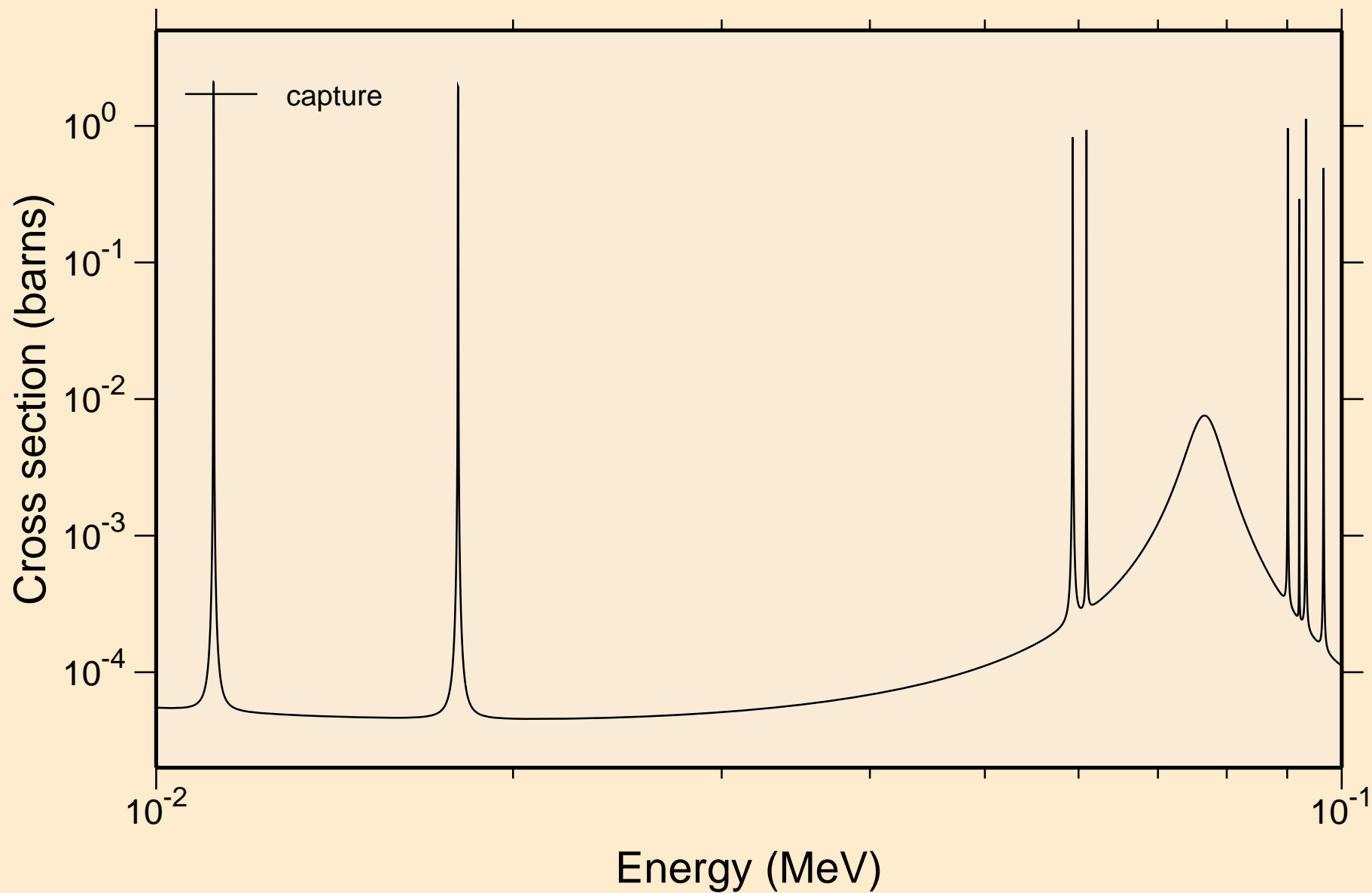
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance total cross section



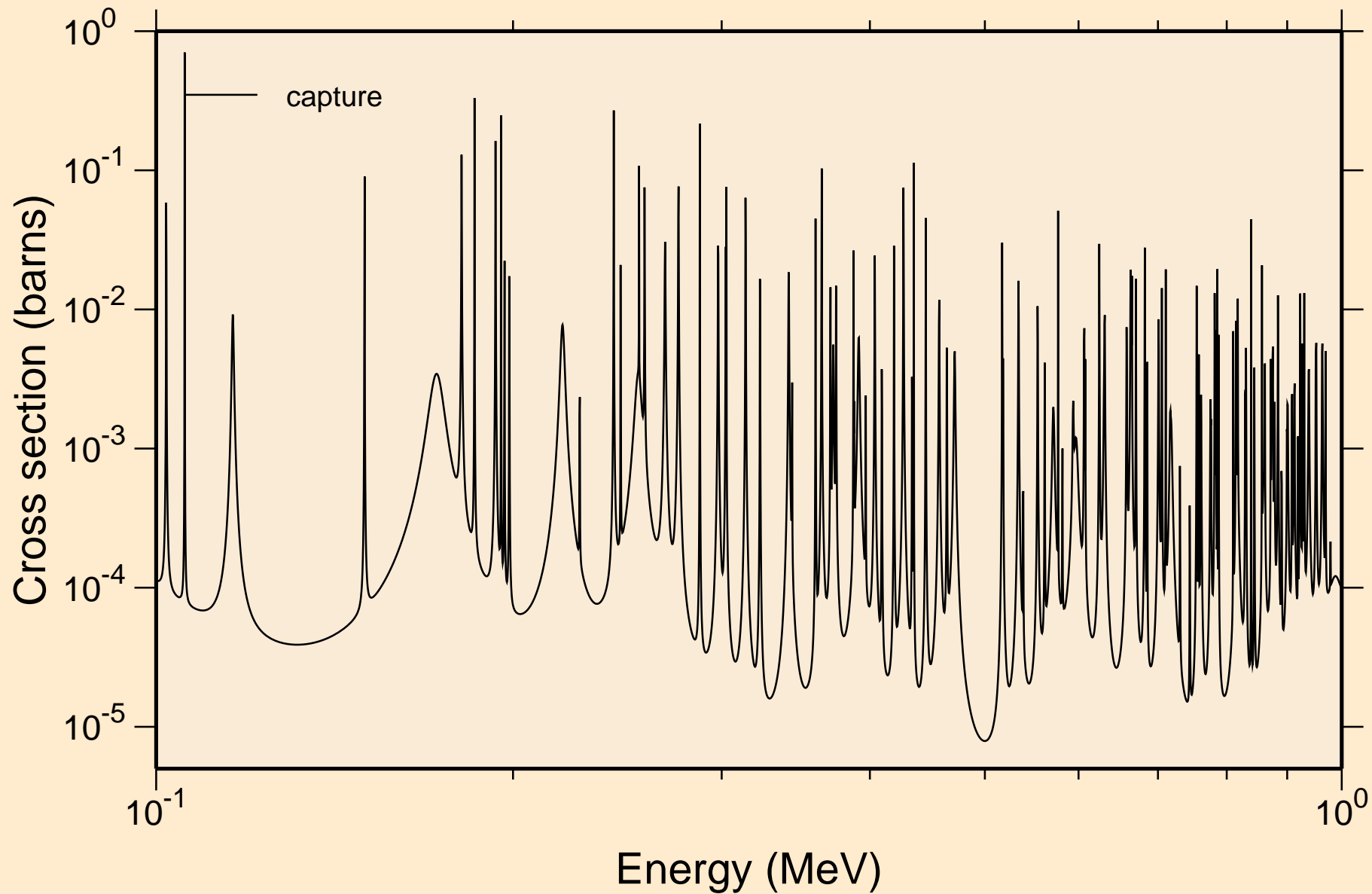
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance total cross section



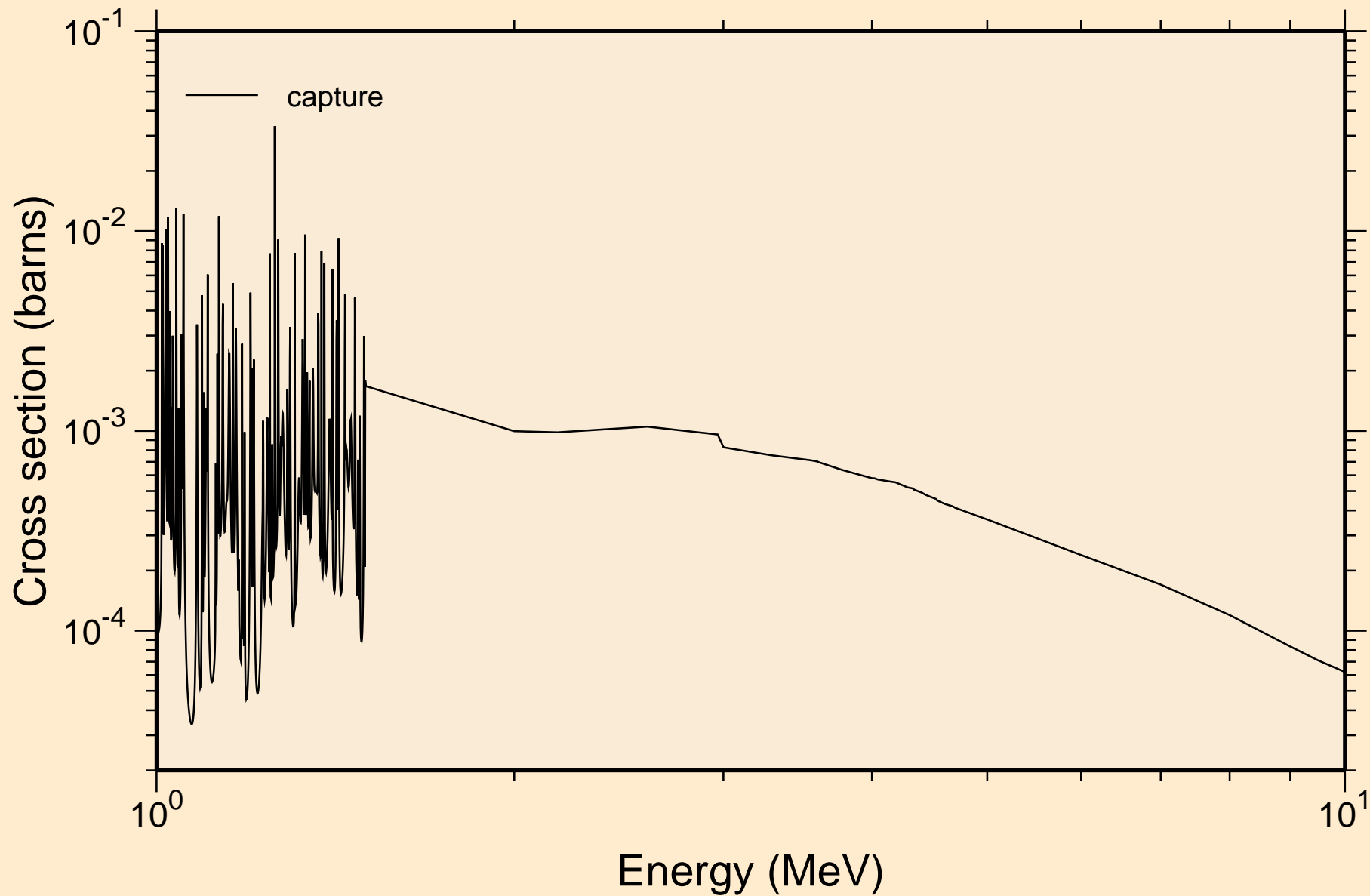
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance absorption cross sections



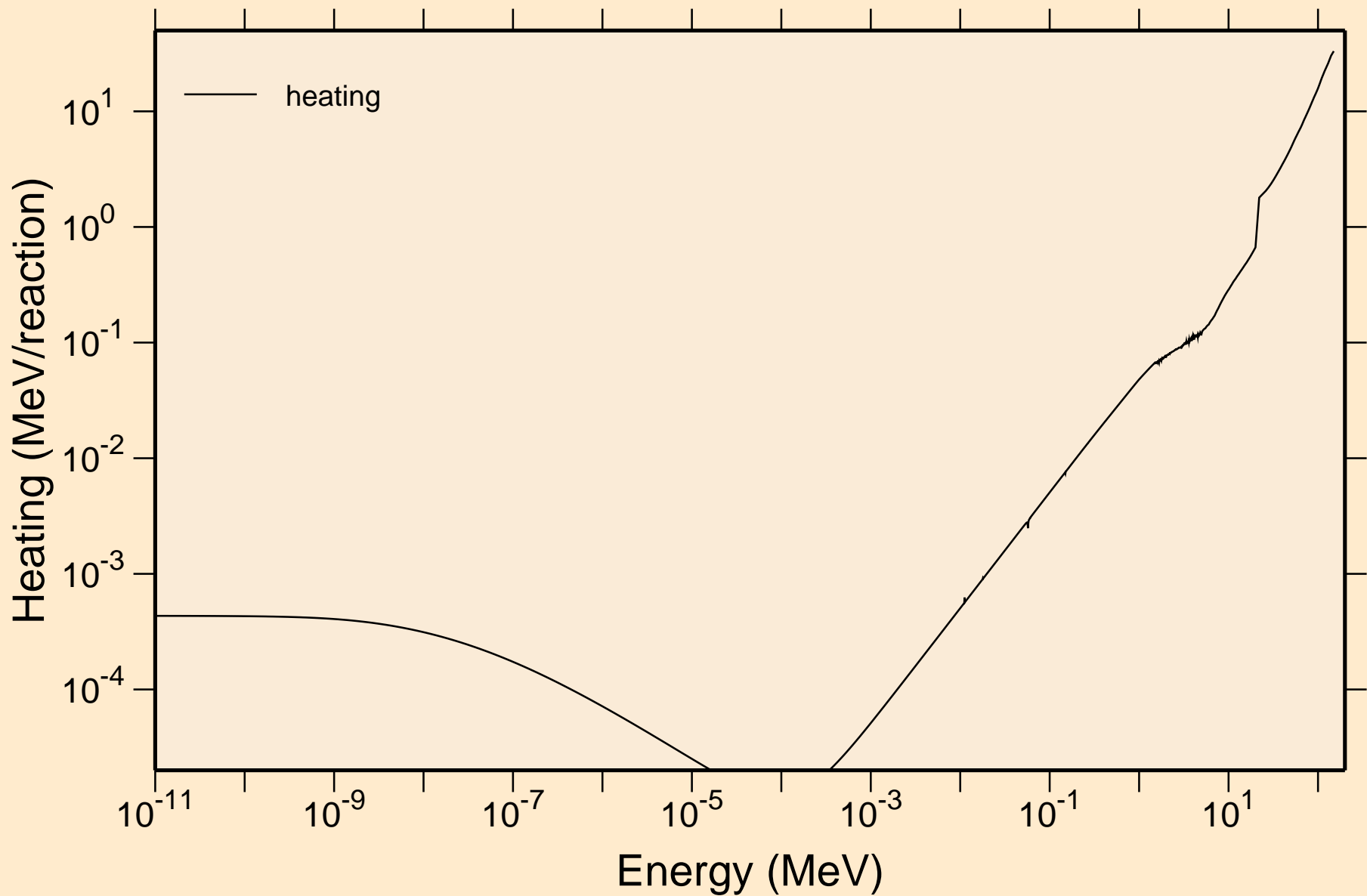
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance absorption cross sections



18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
resonance absorption cross sections

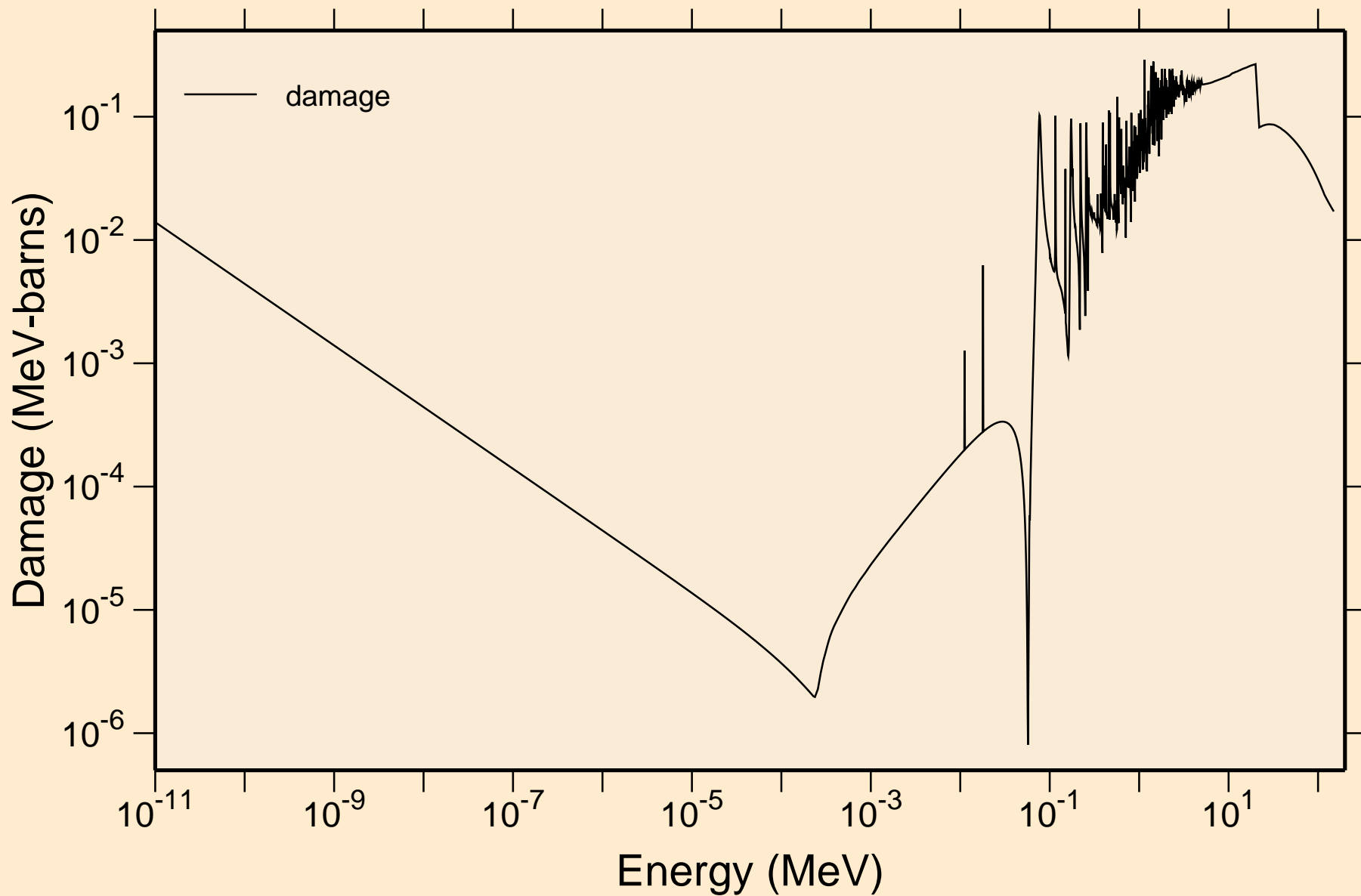


18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Heating

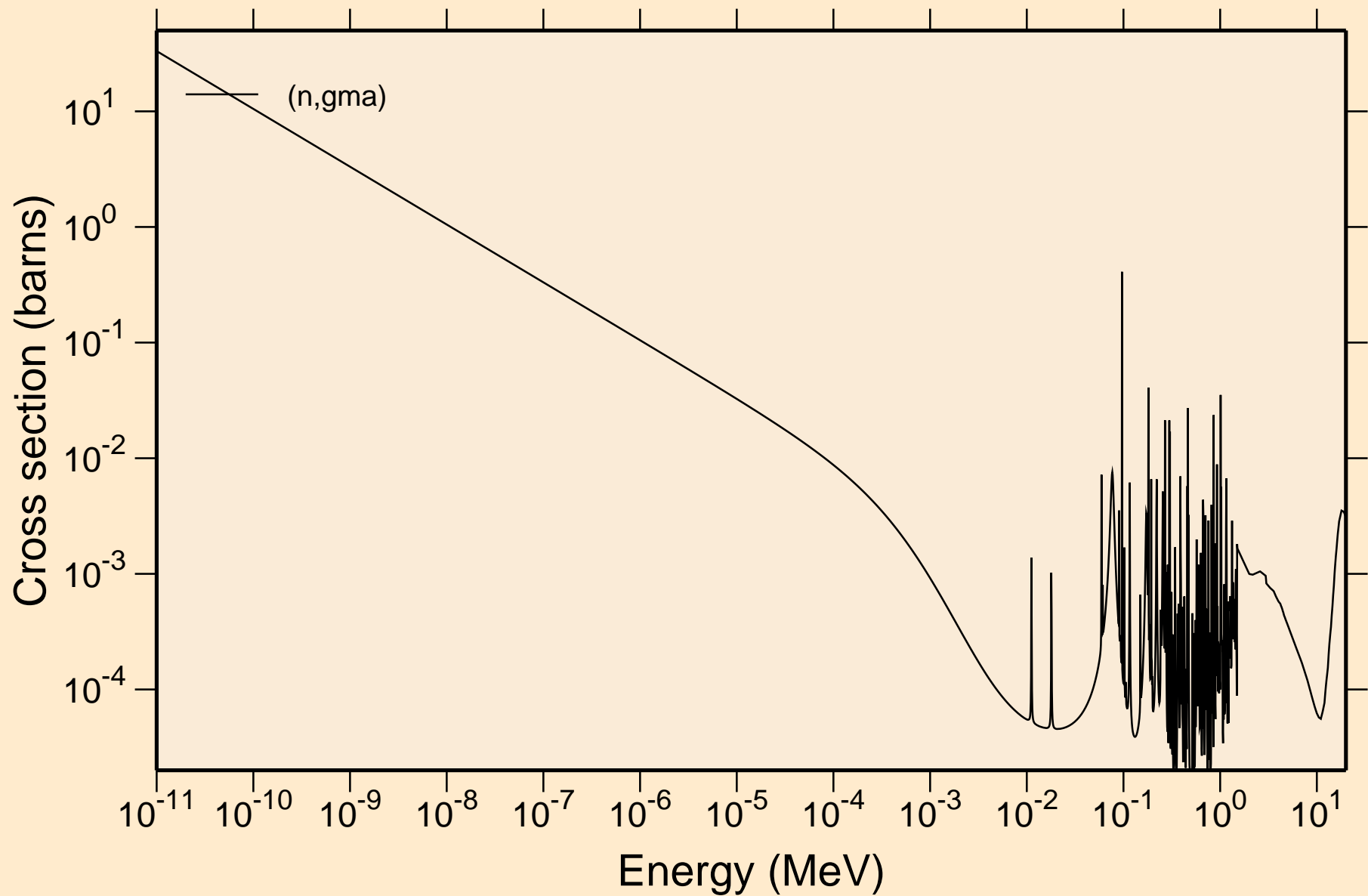




18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Damage

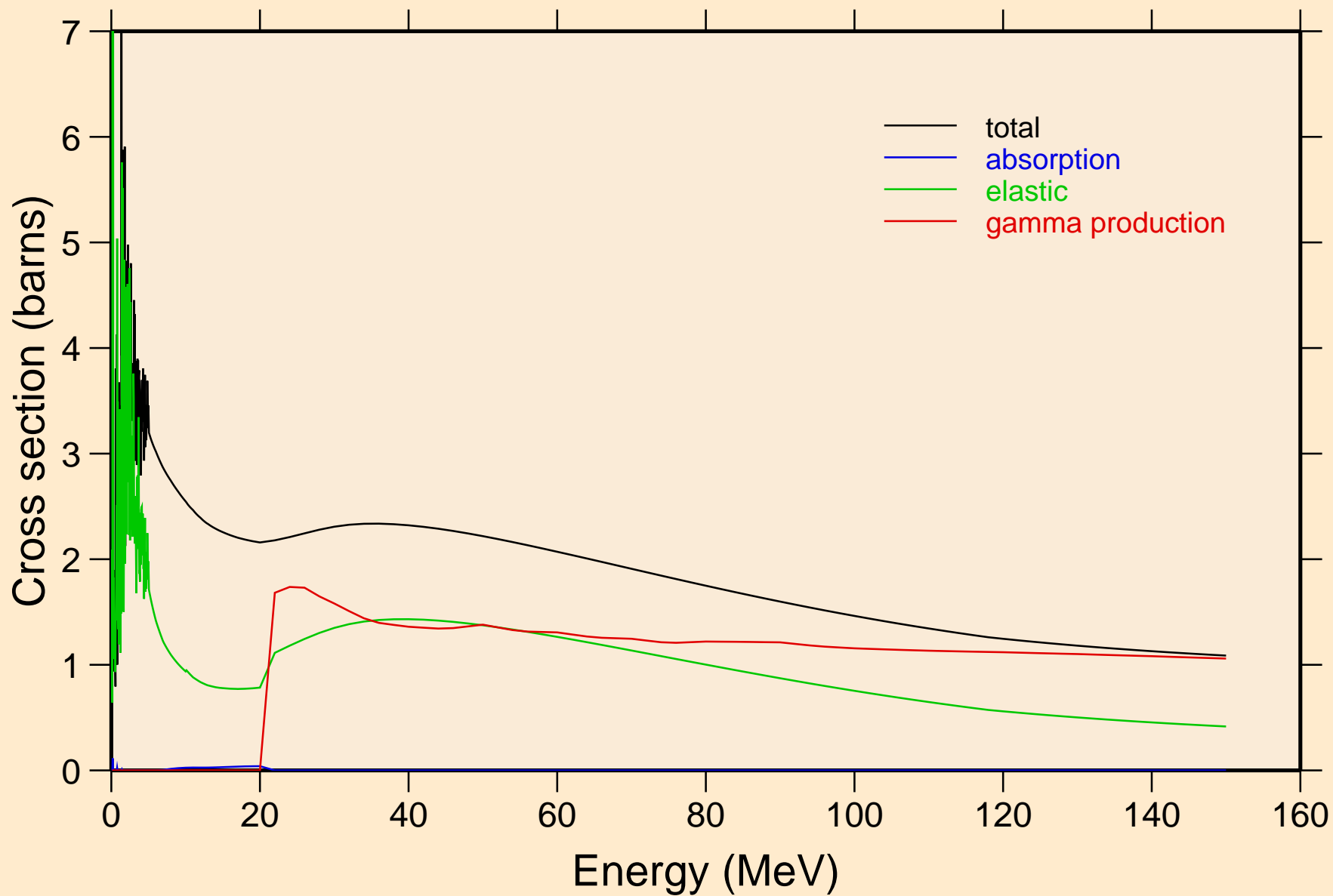


18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Non-threshold reactions

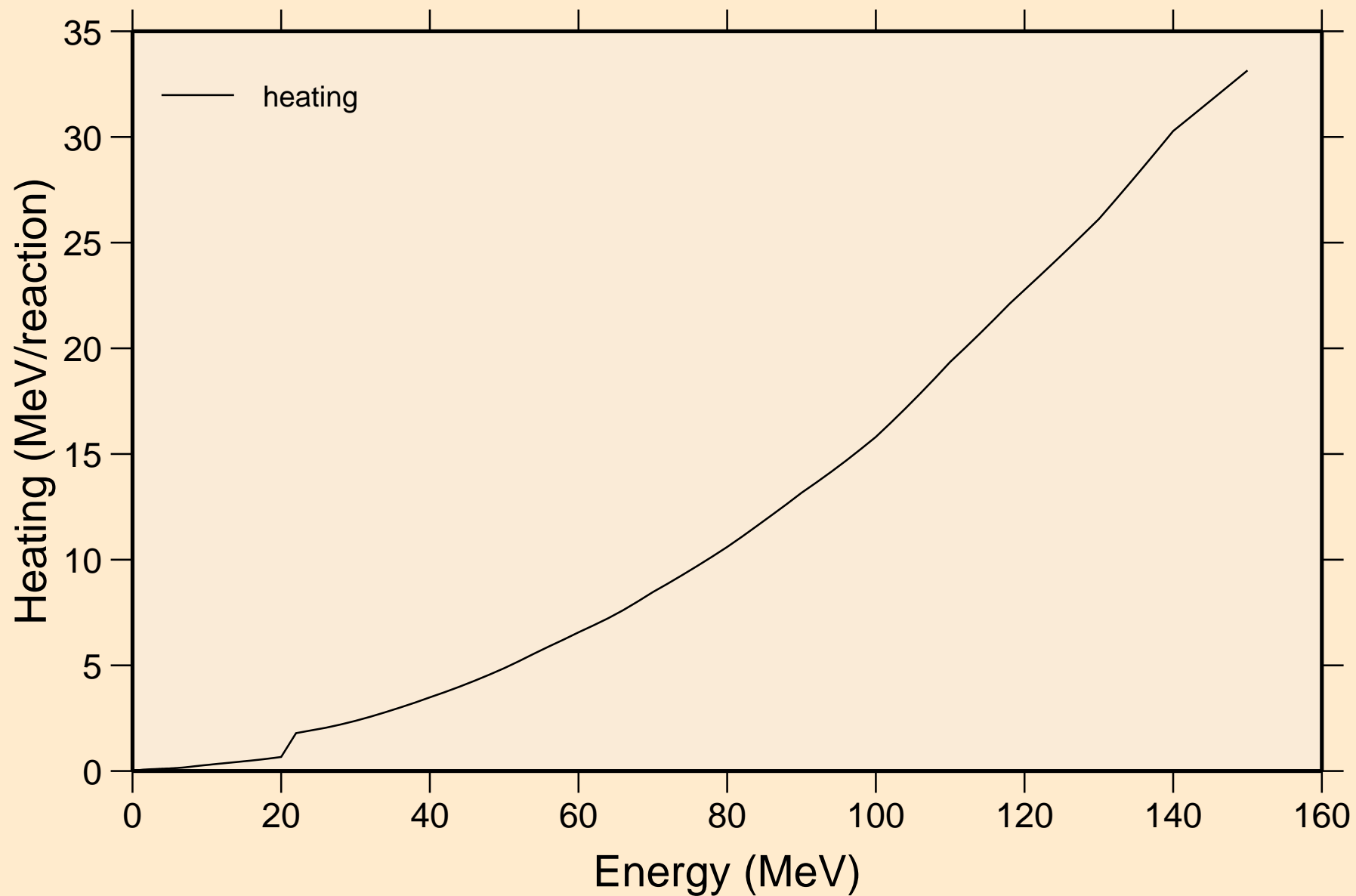


18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

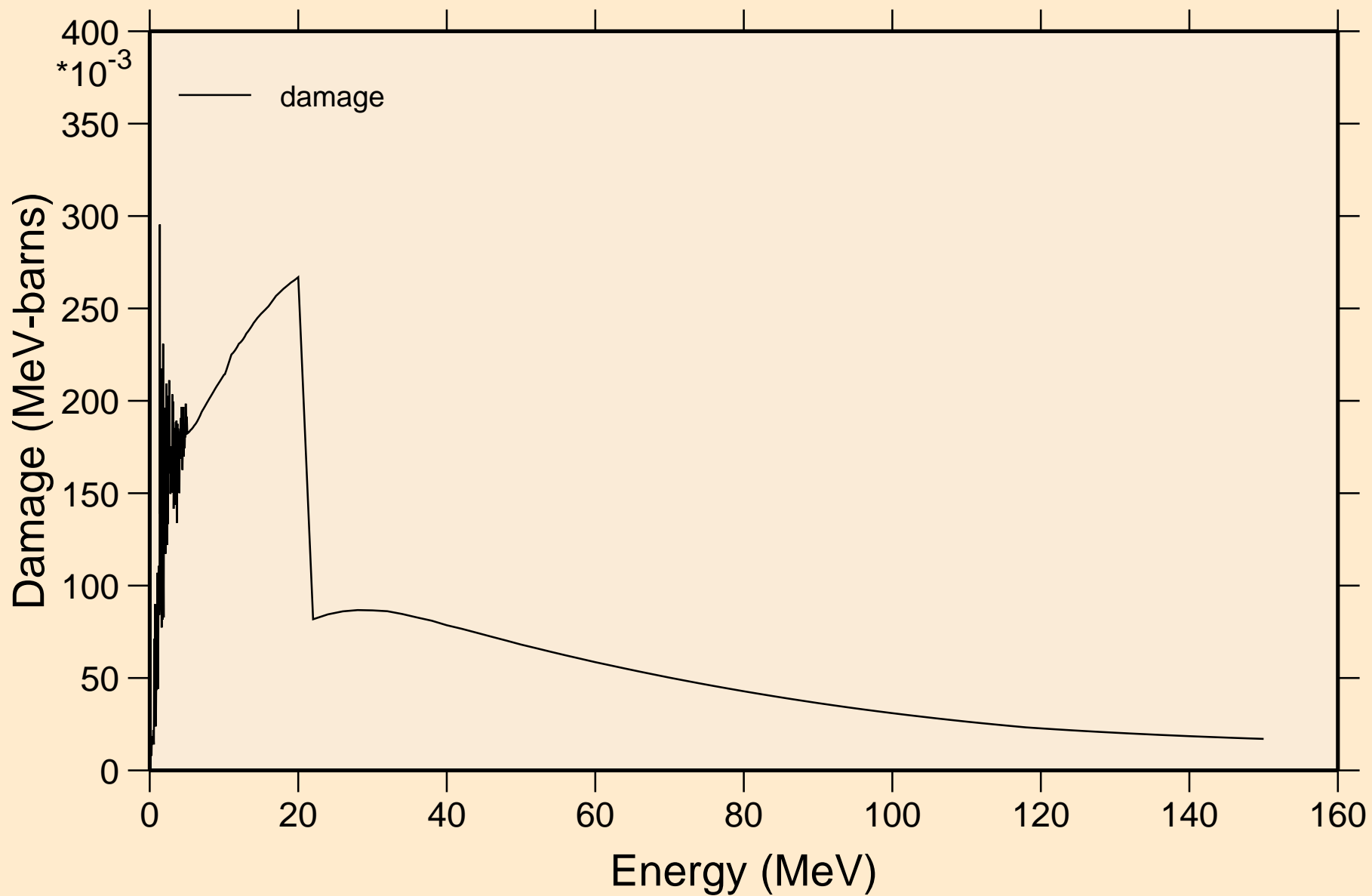
### Principal cross sections



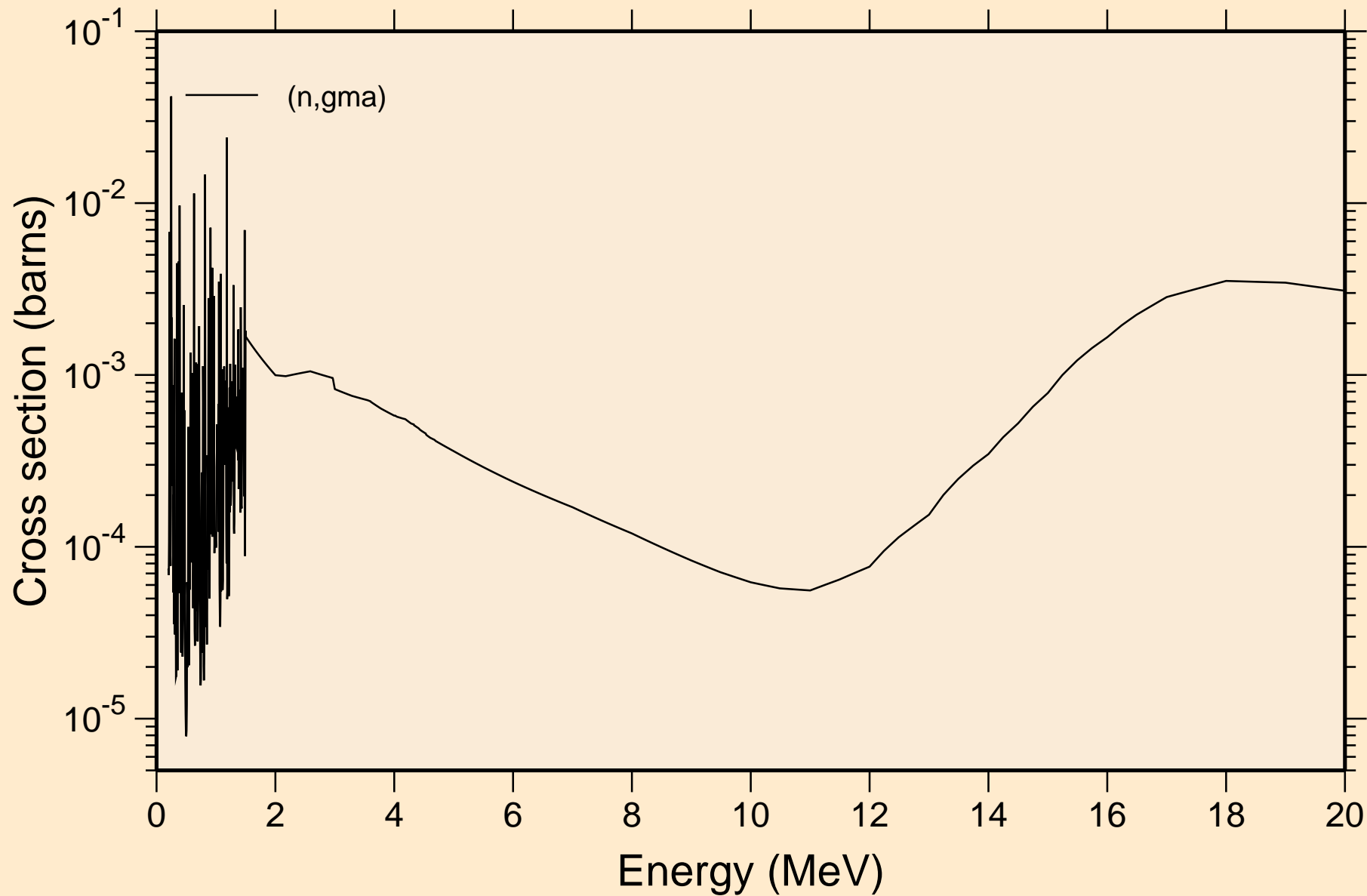
# 18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50 Heating



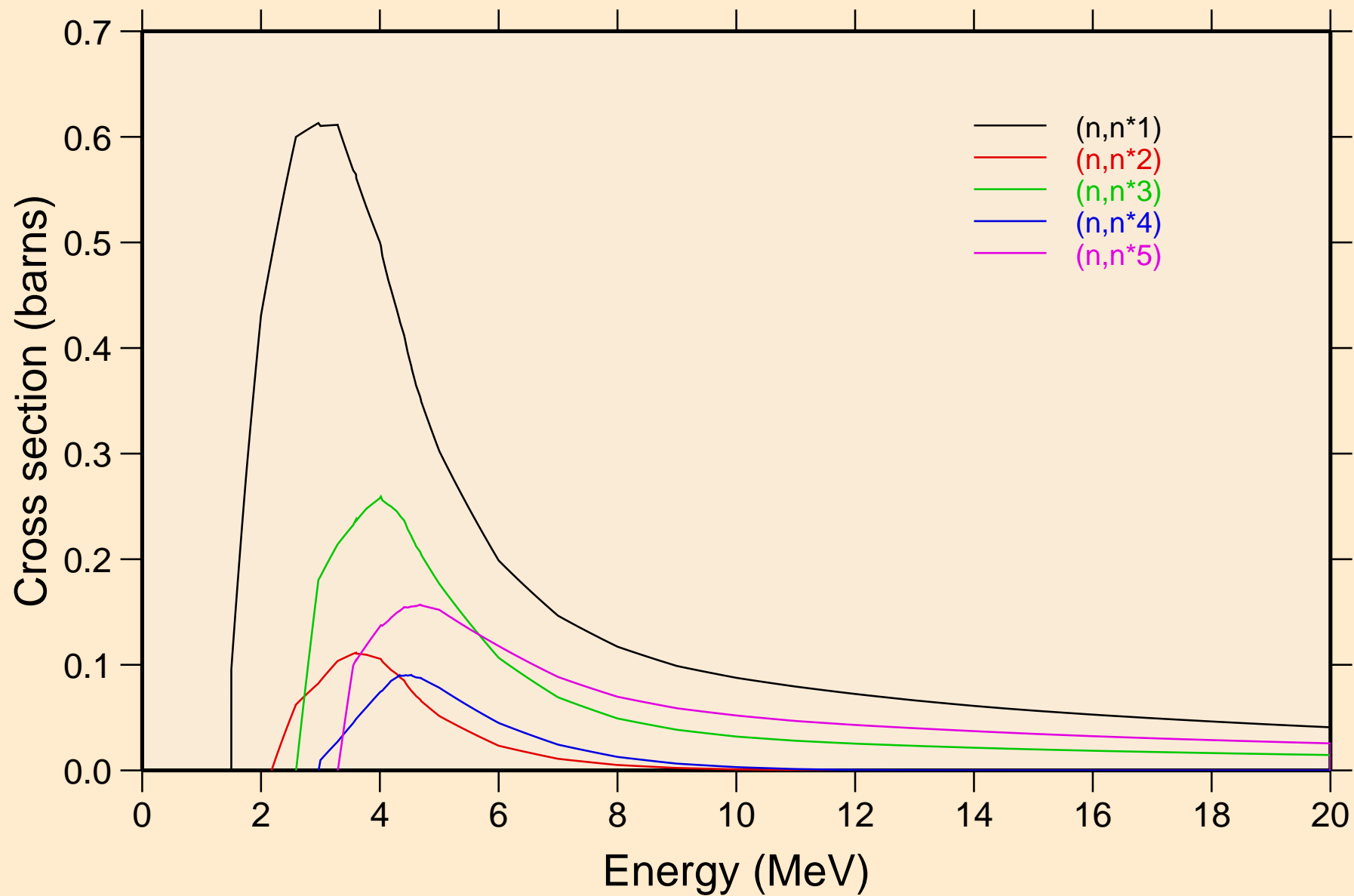
# 18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50 Damage



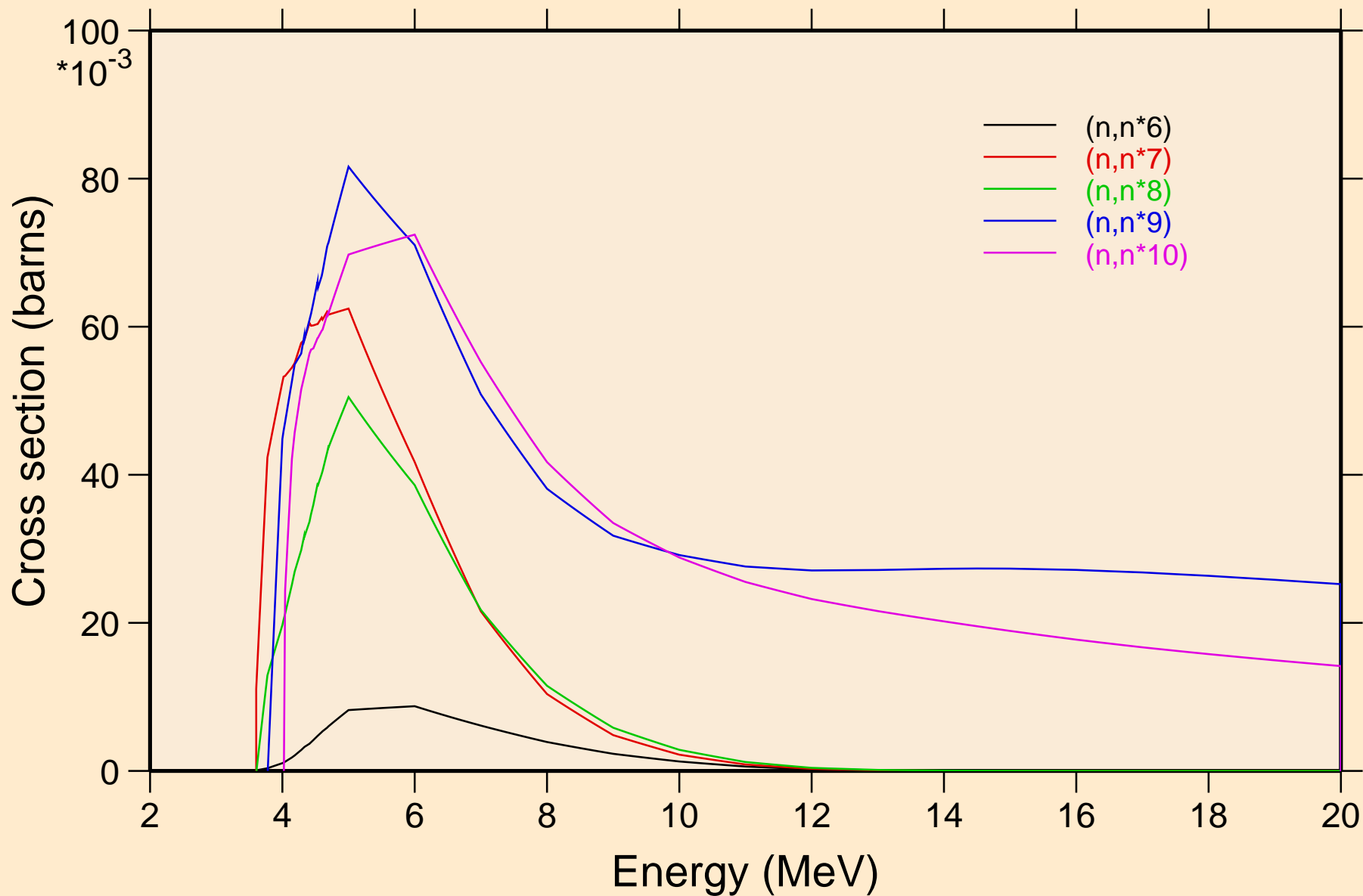
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Non-threshold reactions



18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Inelastic levels

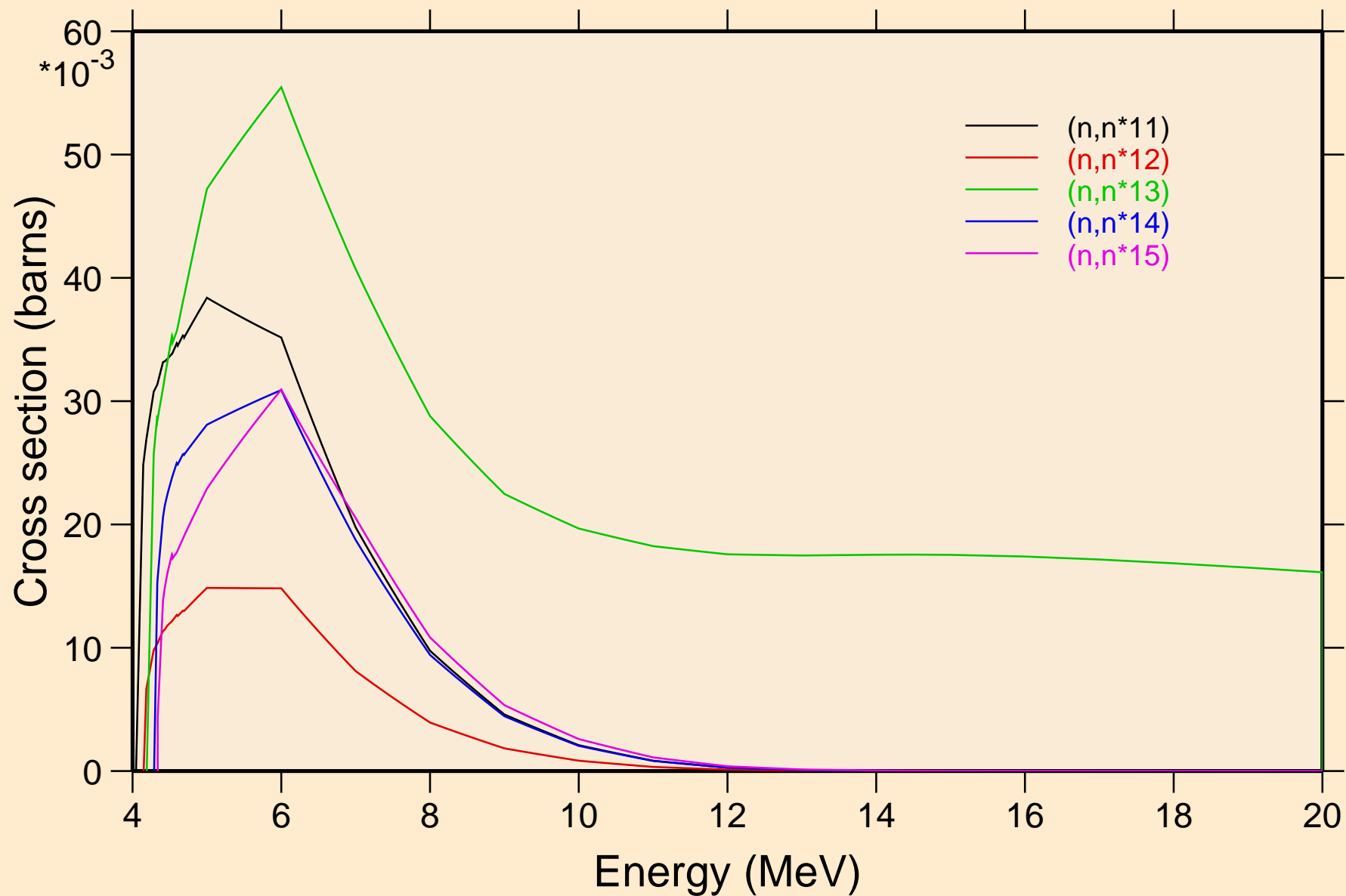


18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Inelastic levels

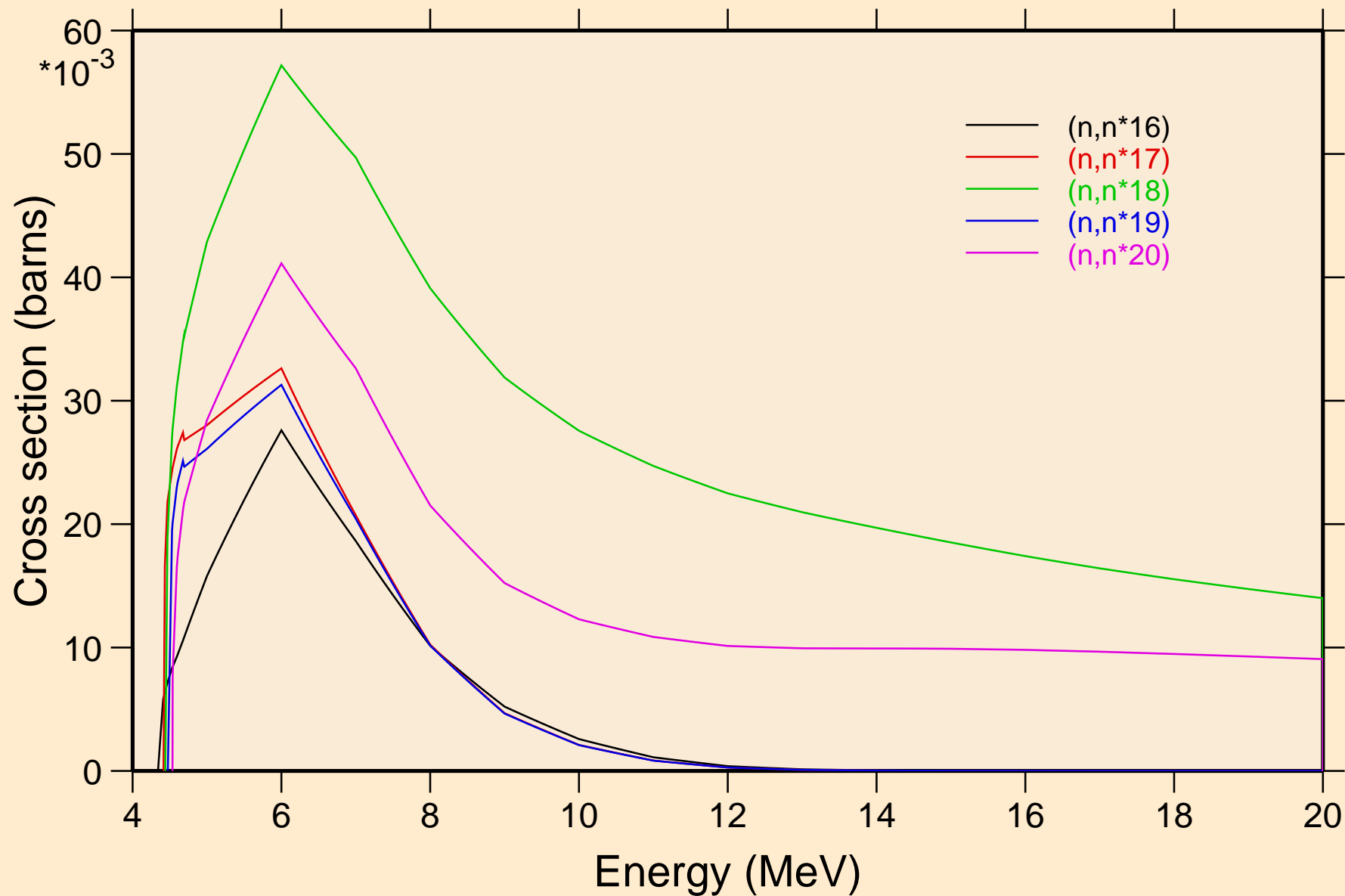




18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Inelastic levels

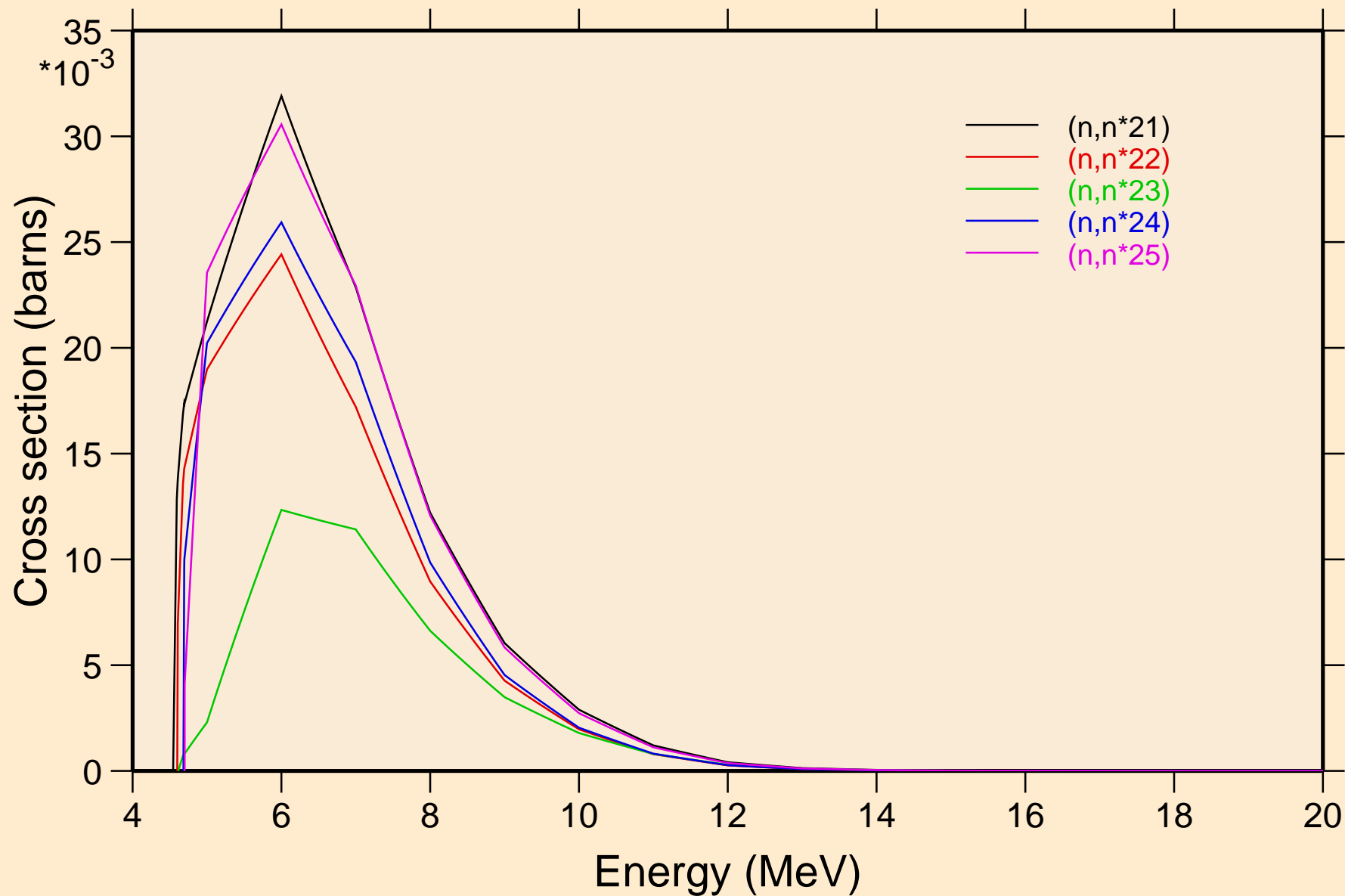


18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Inelastic levels

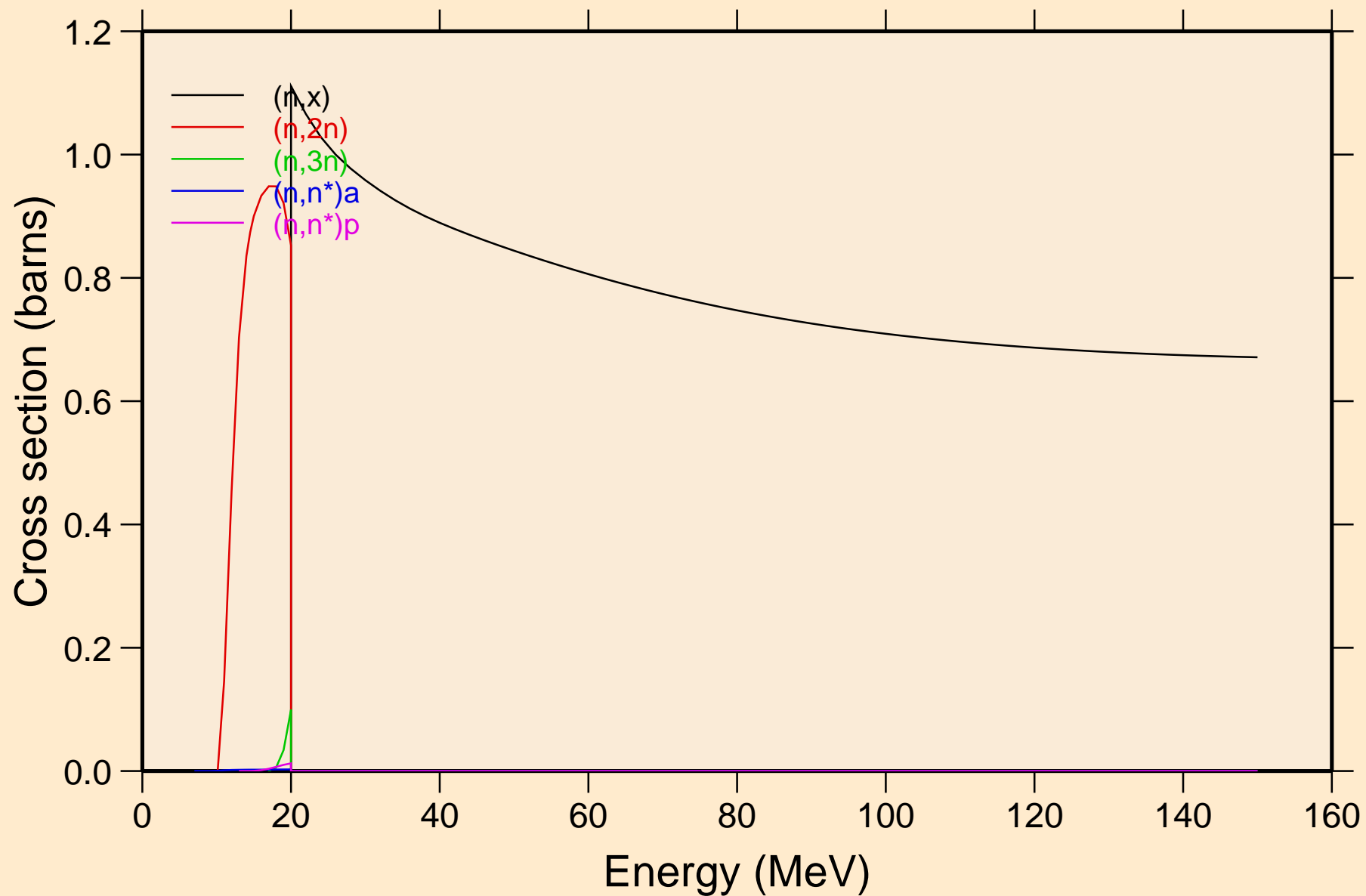


# 18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

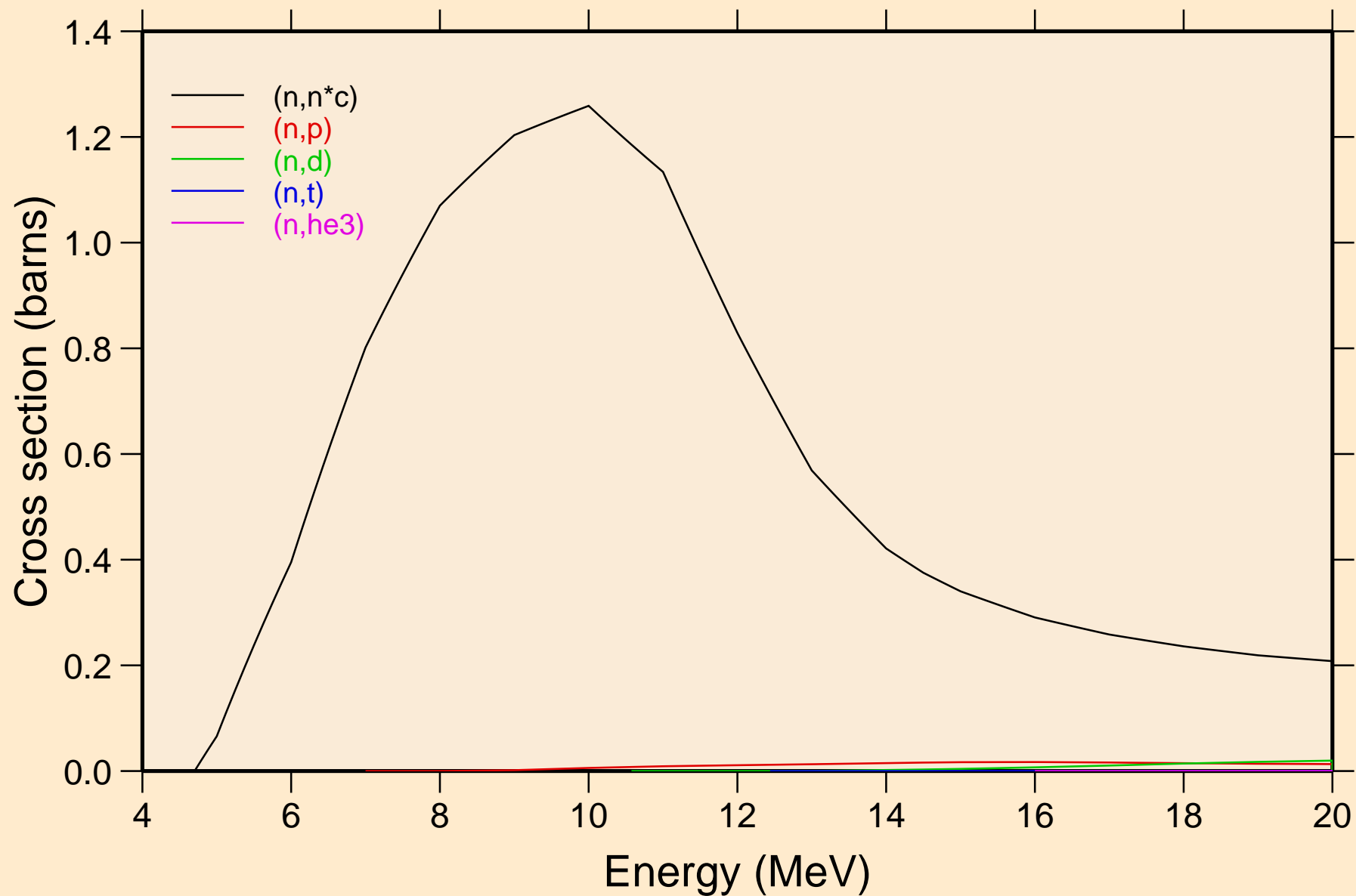
## Inelastic levels



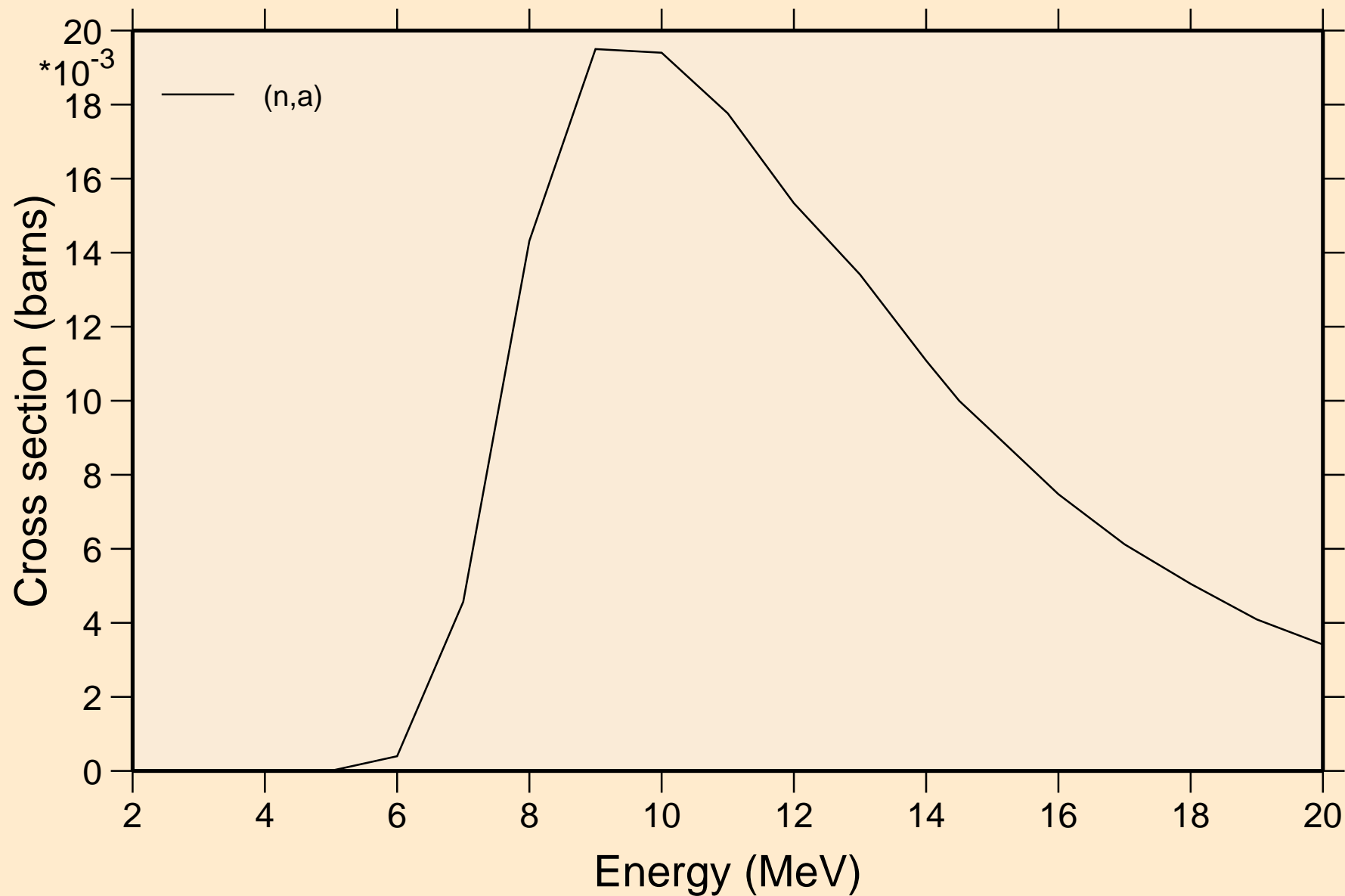
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Threshold reactions



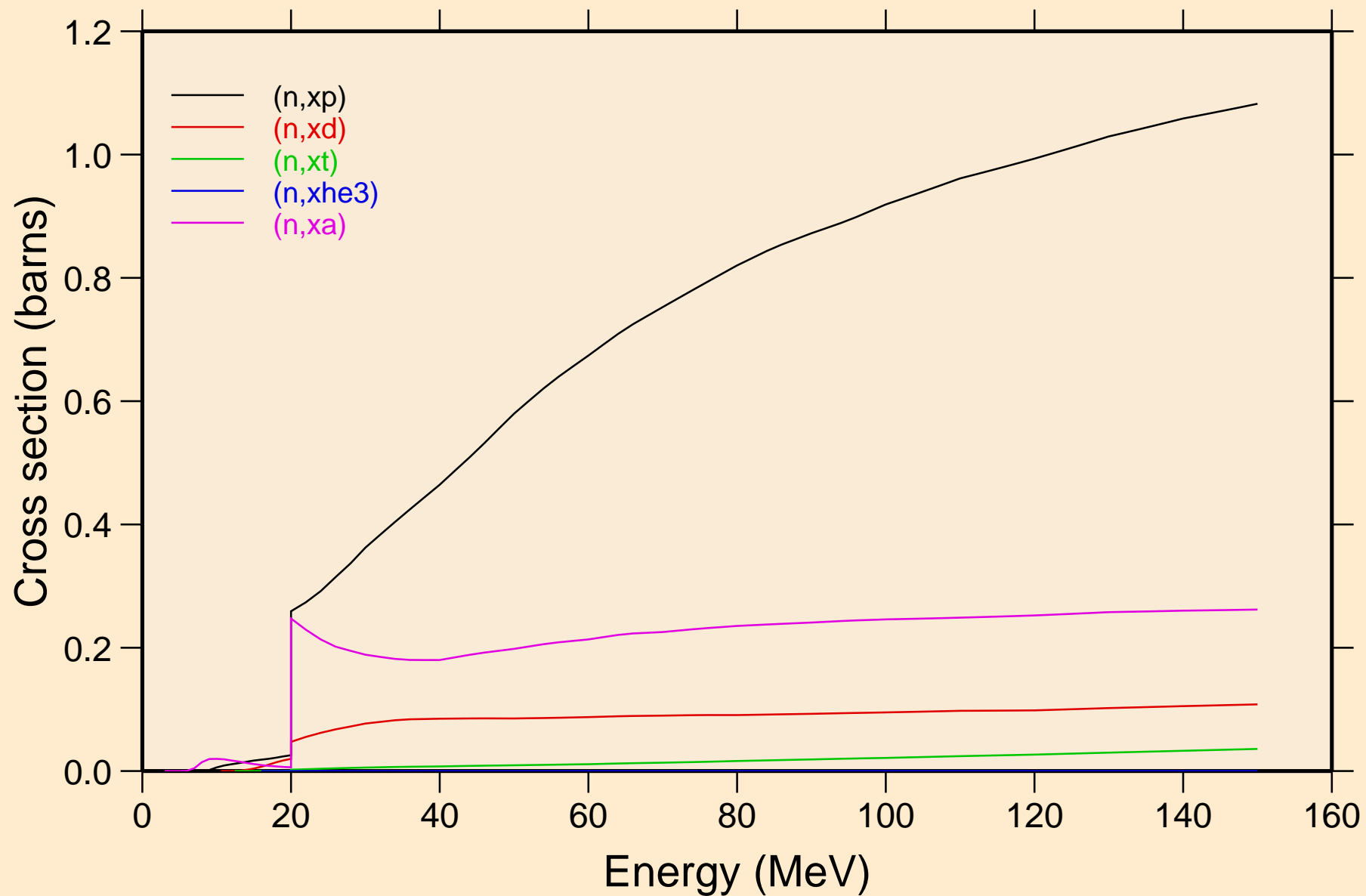
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Threshold reactions



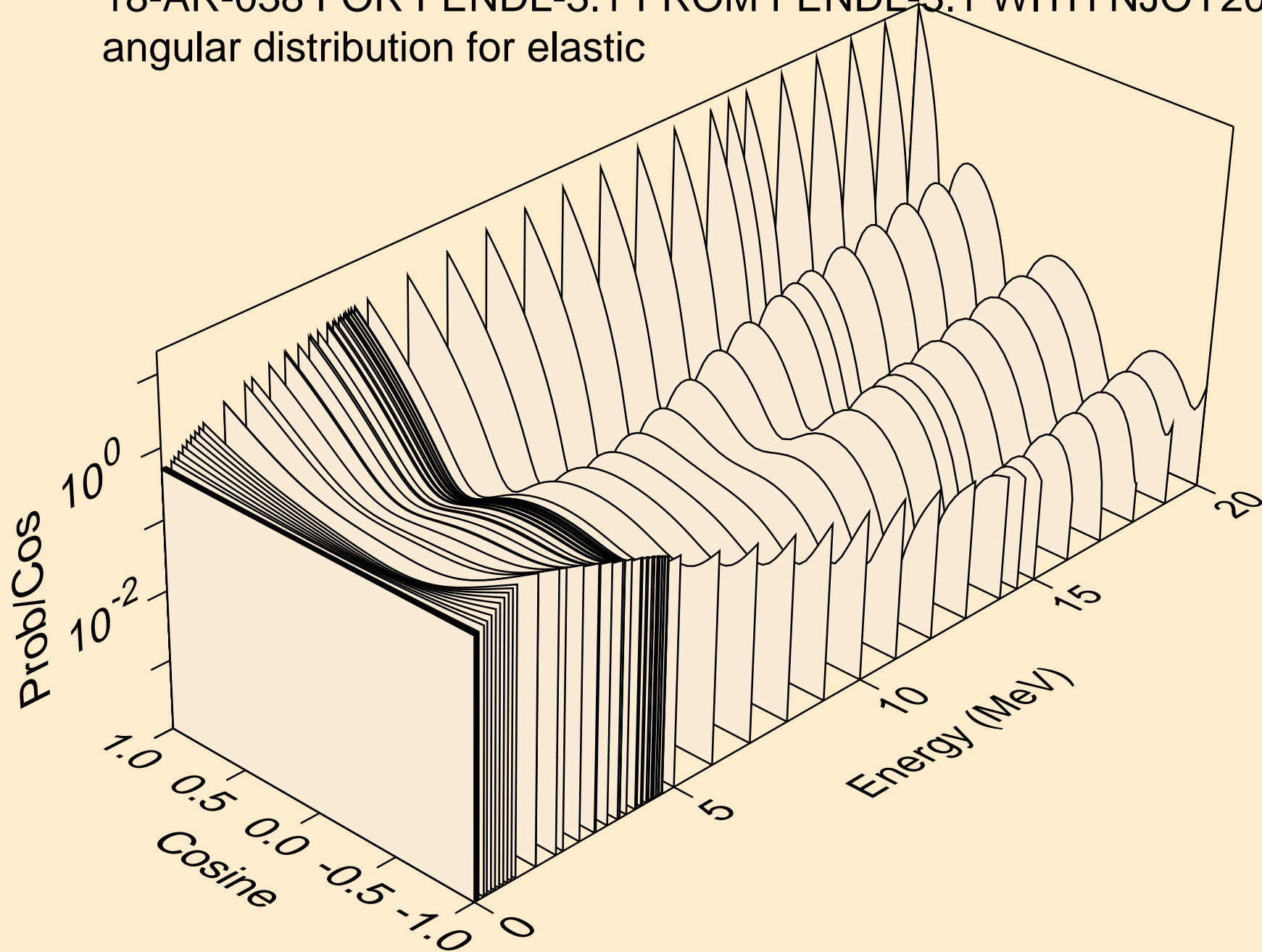
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Threshold reactions



18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Threshold reactions

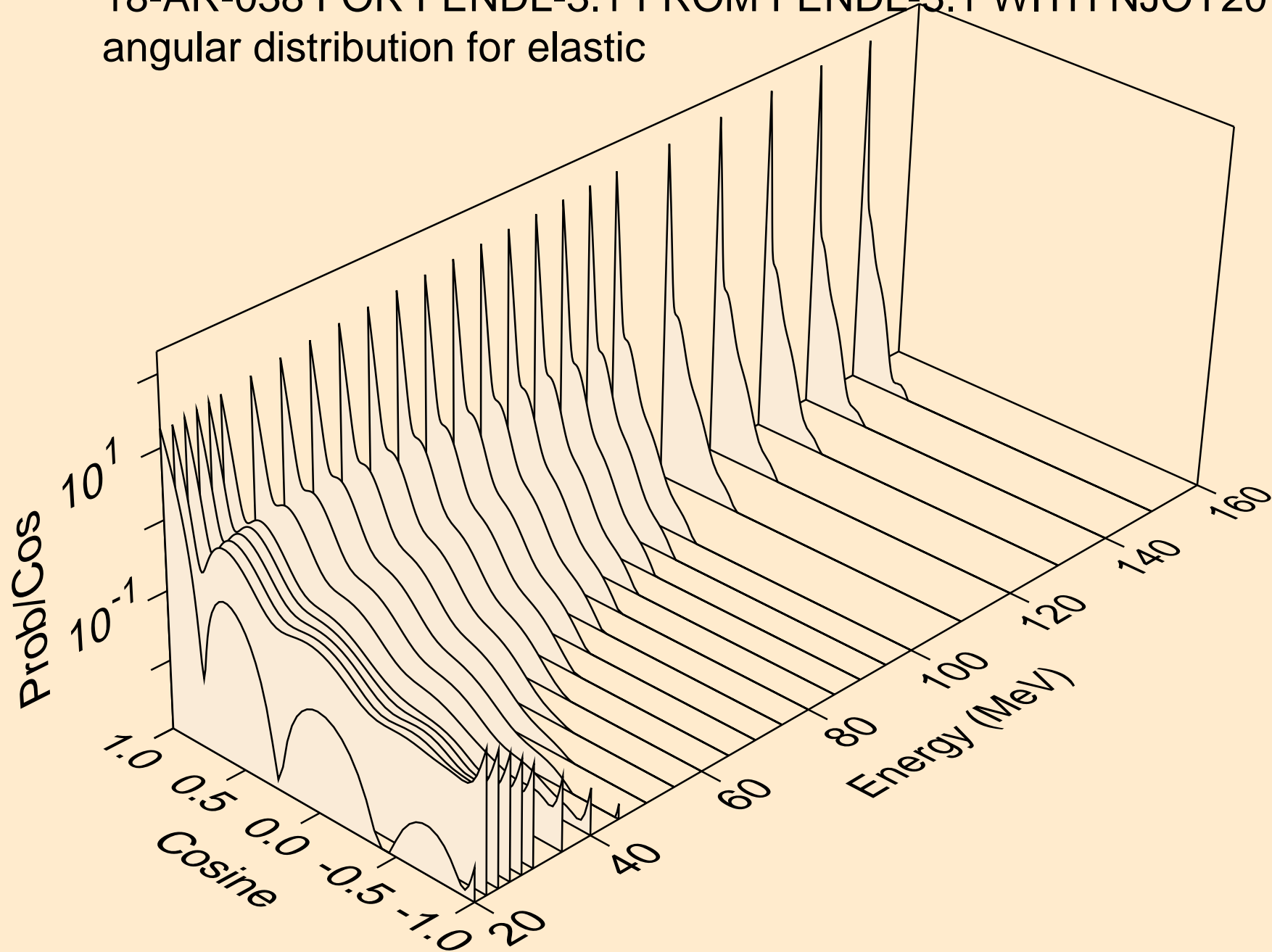


18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for elastic

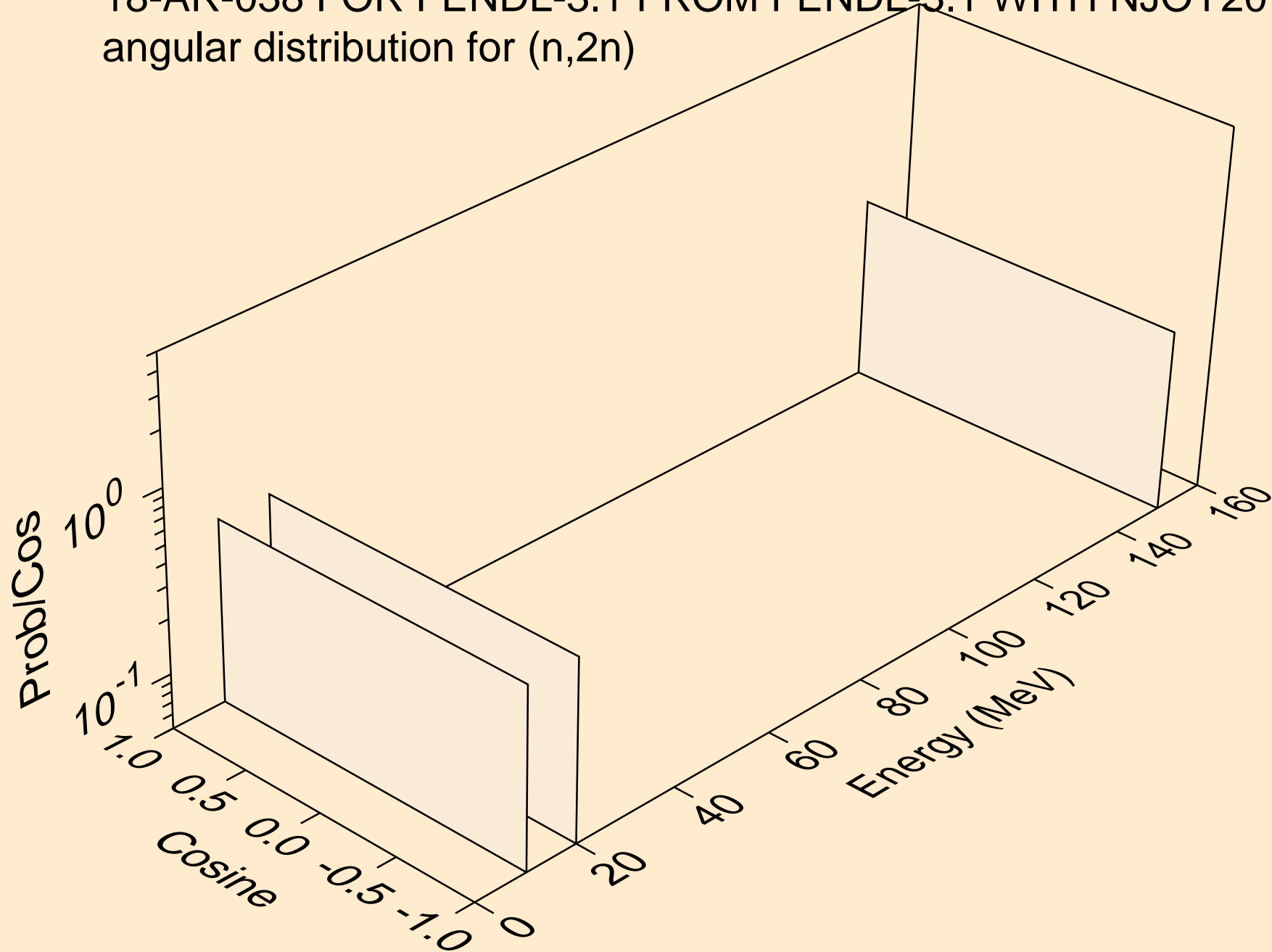




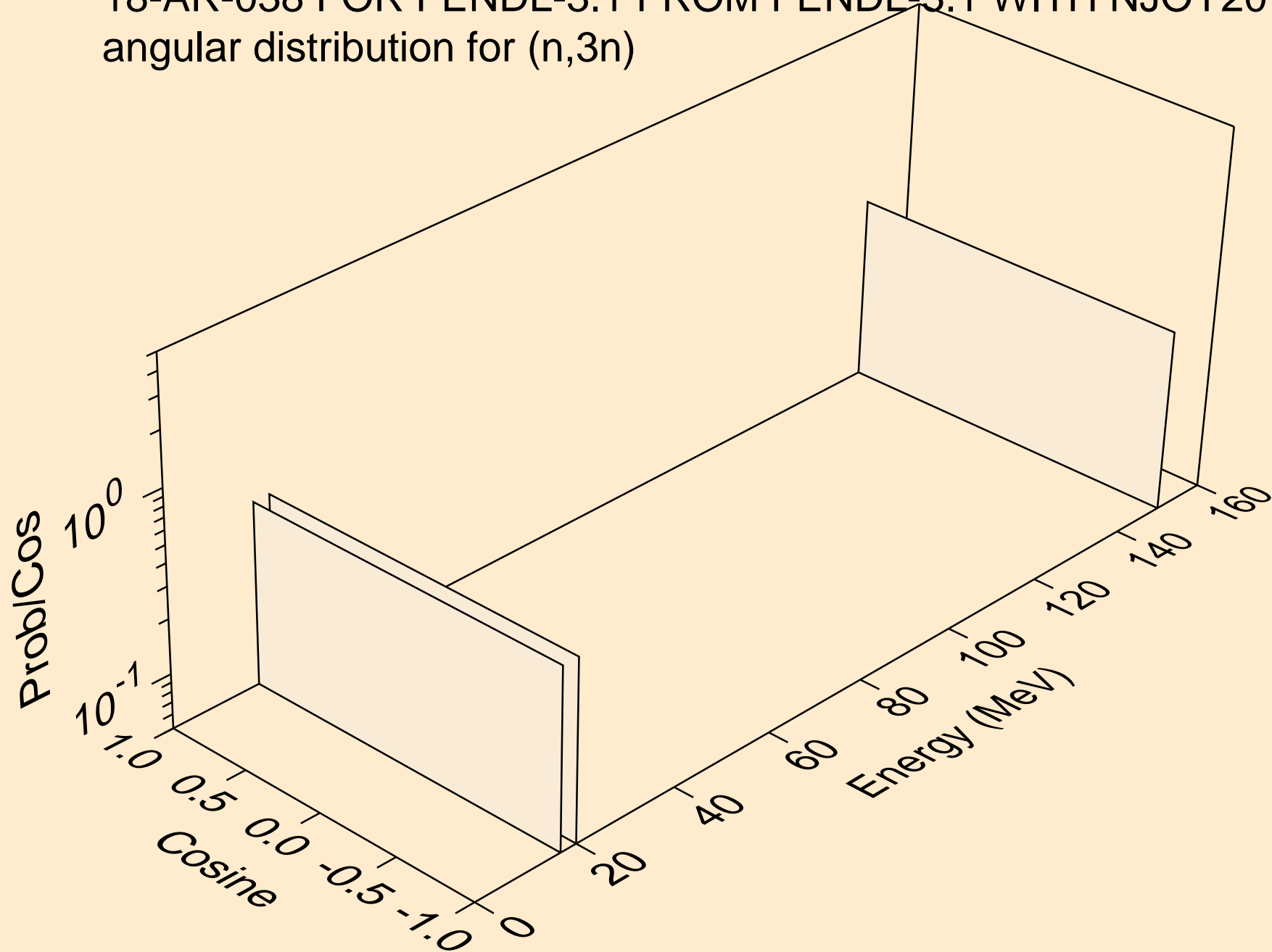
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for elastic



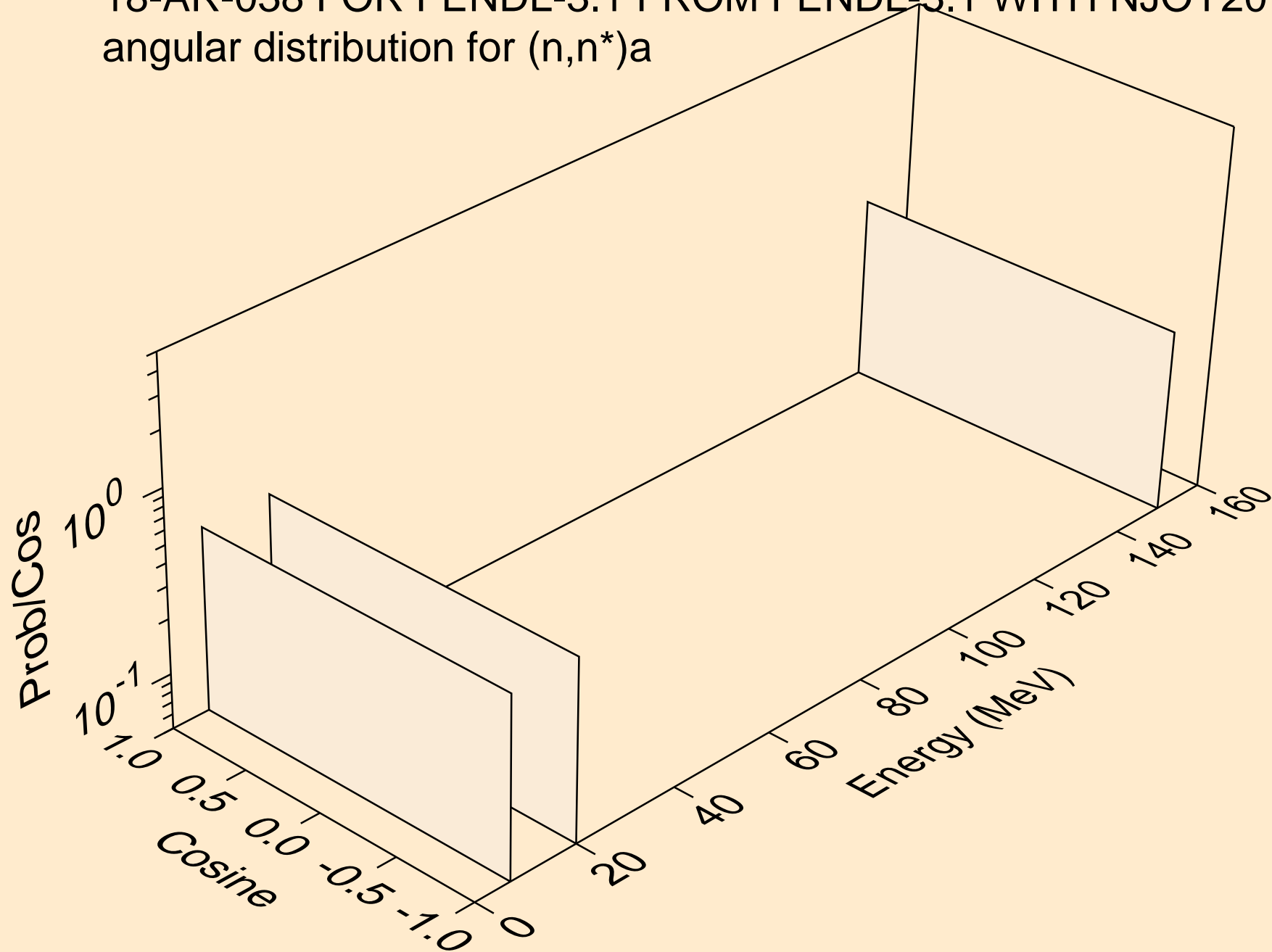
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,2n)



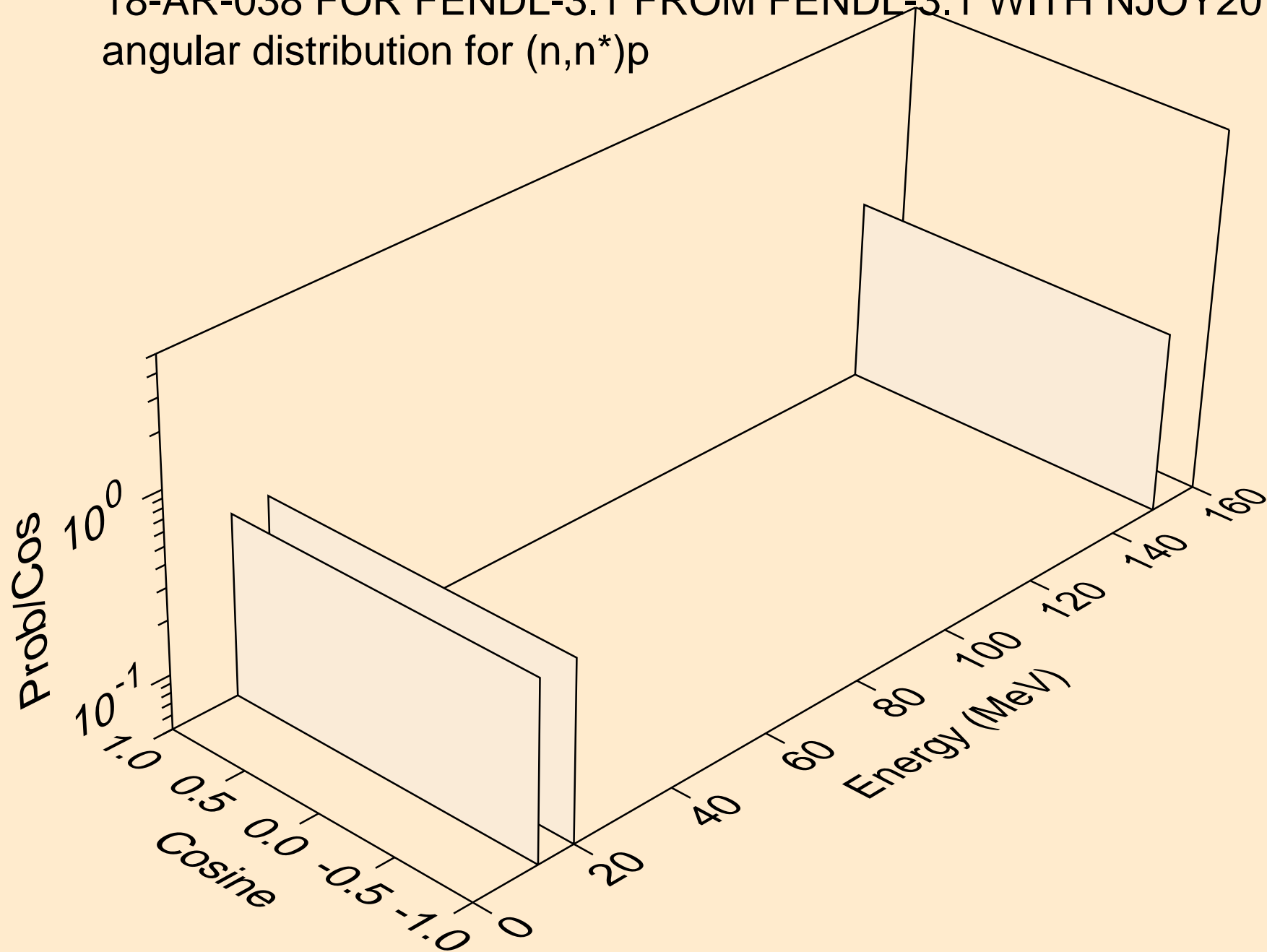
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,3n)



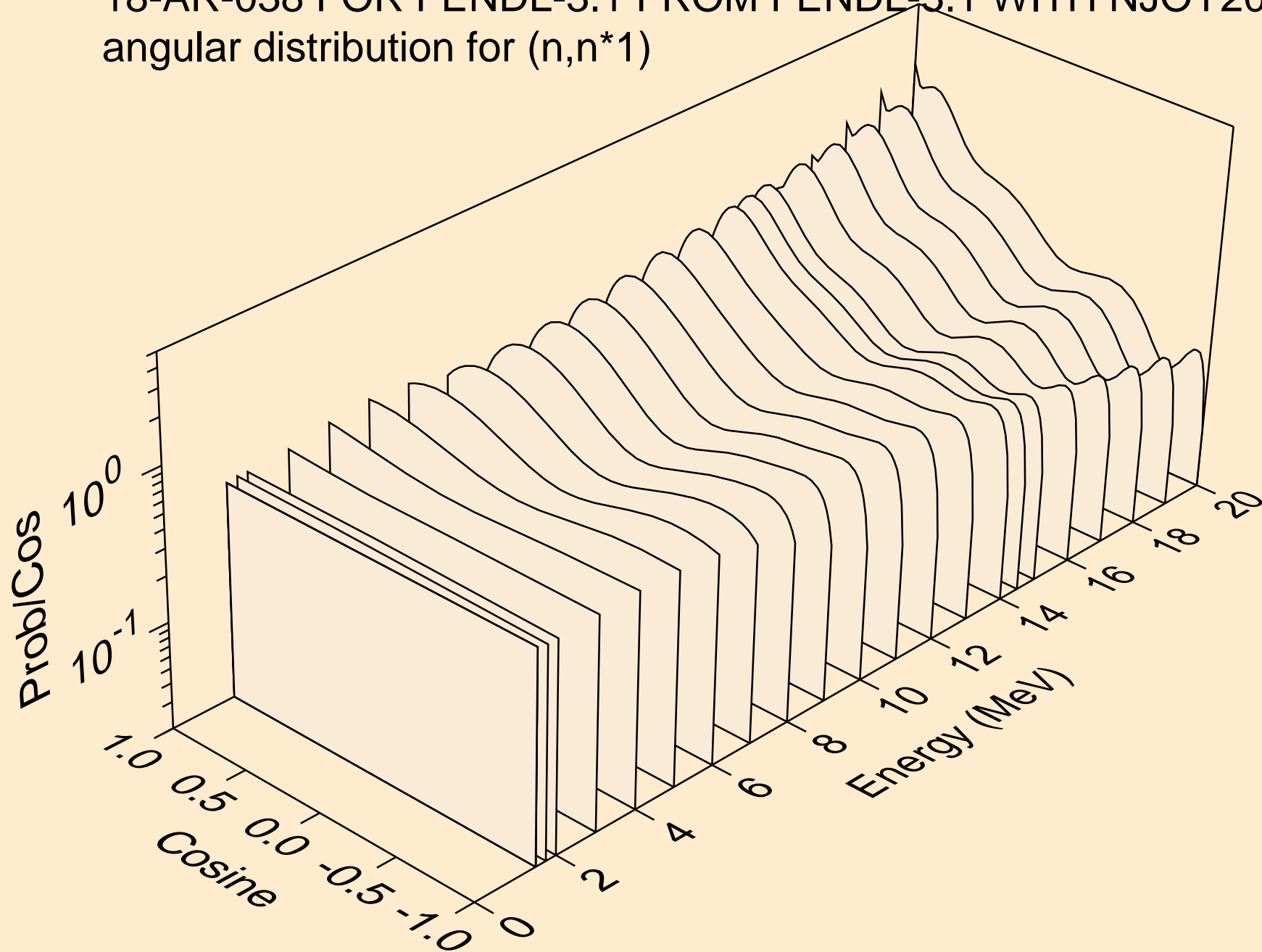
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*)a



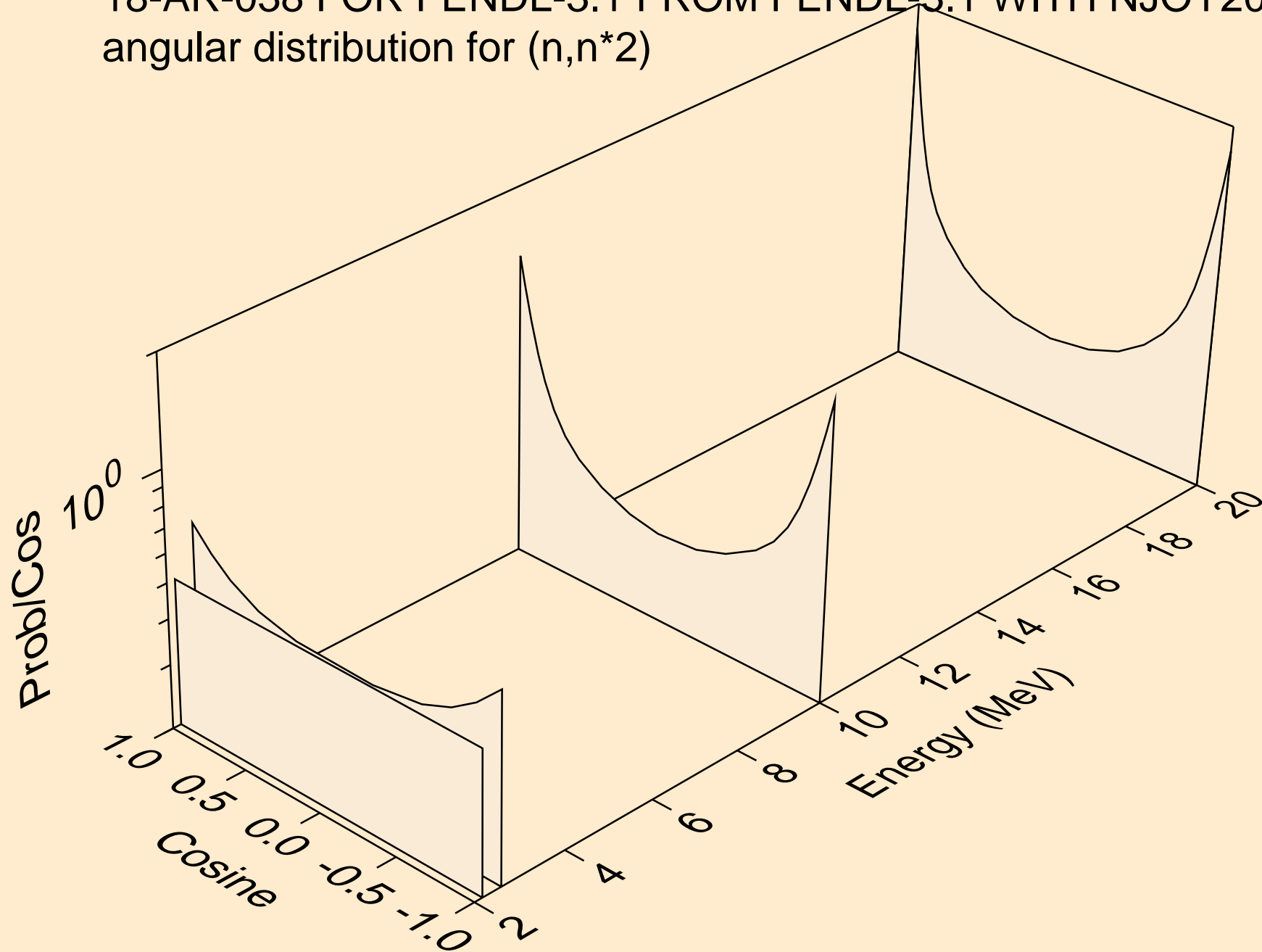
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*)p



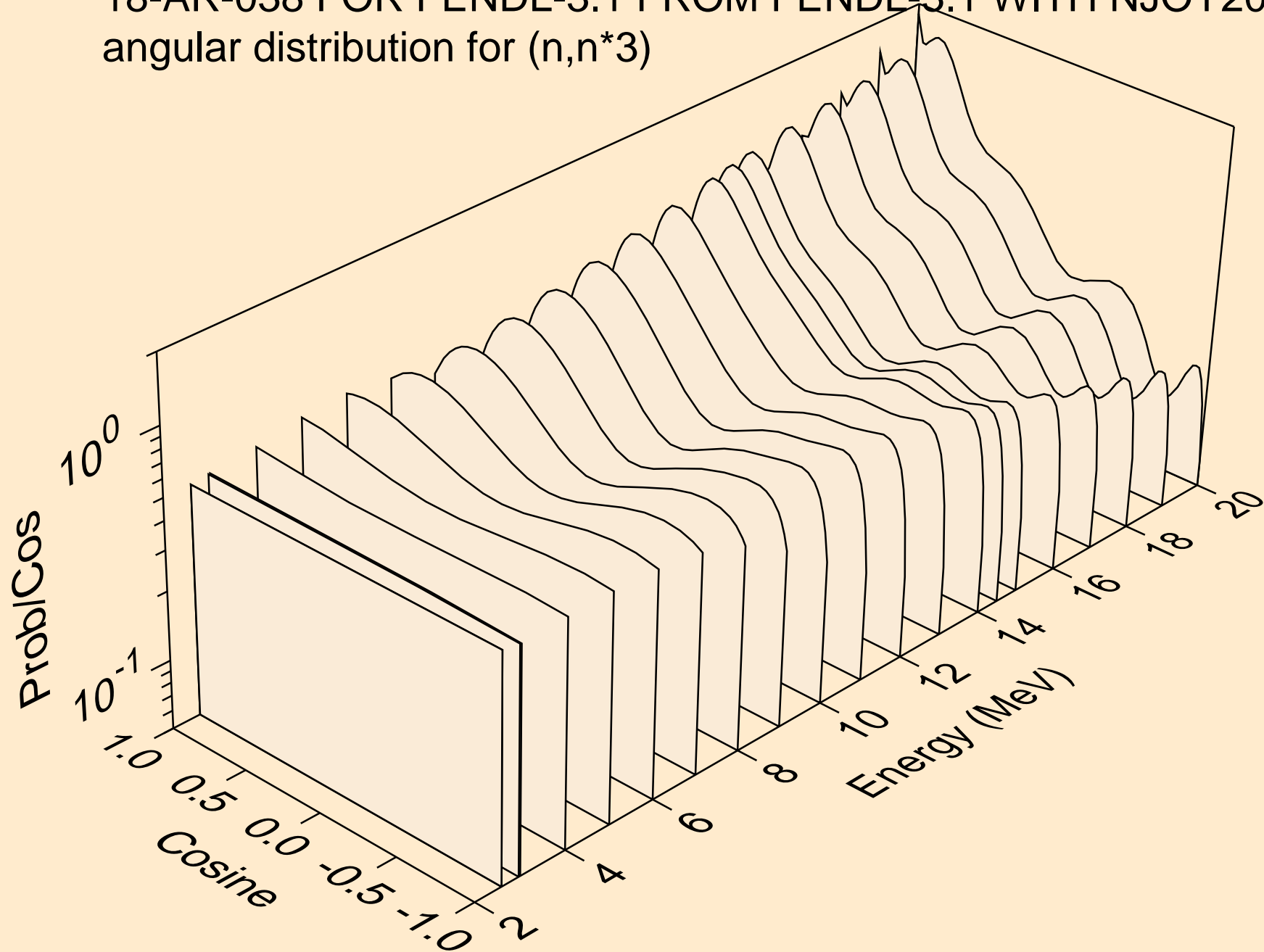
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*1)



18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*2)

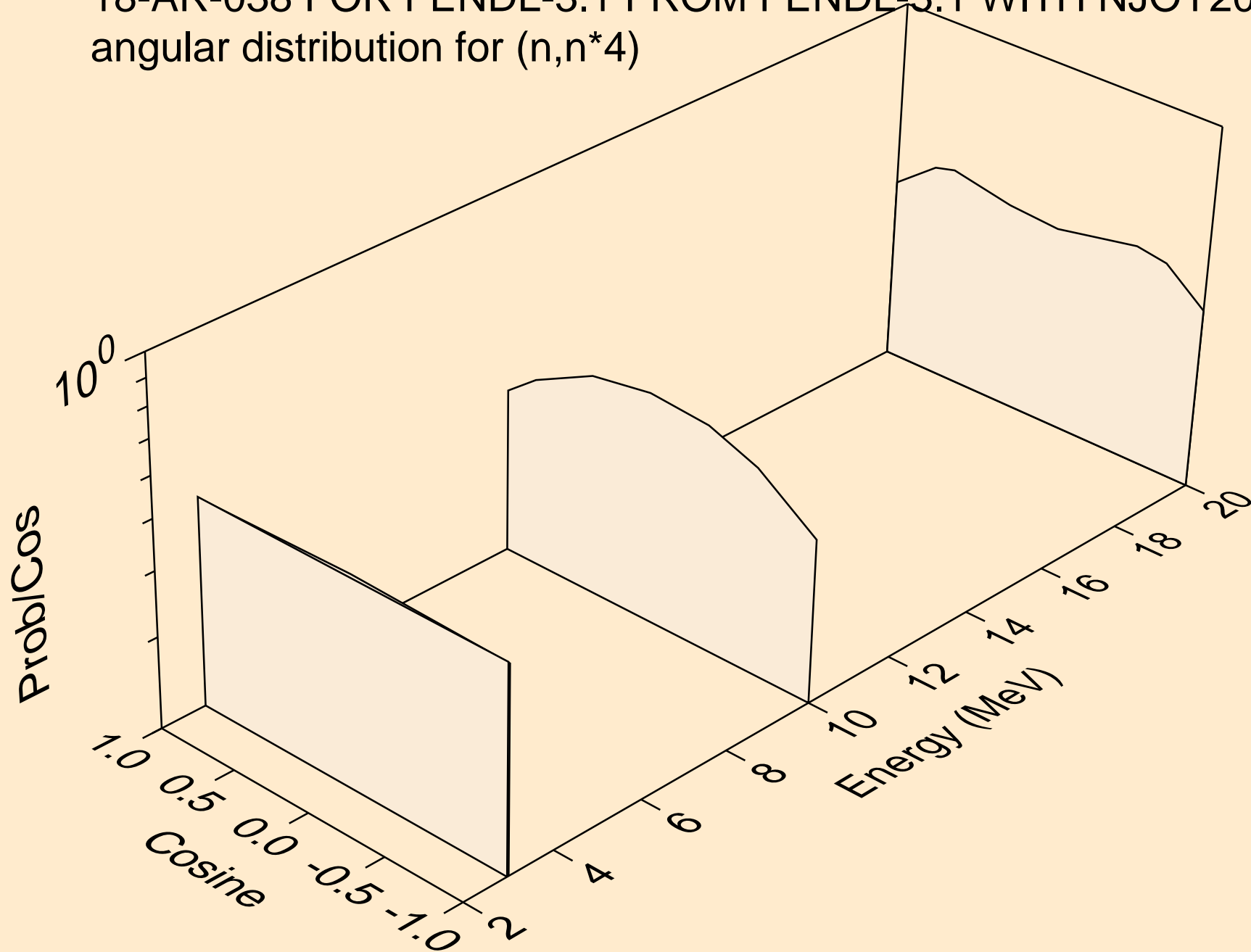


18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*3)

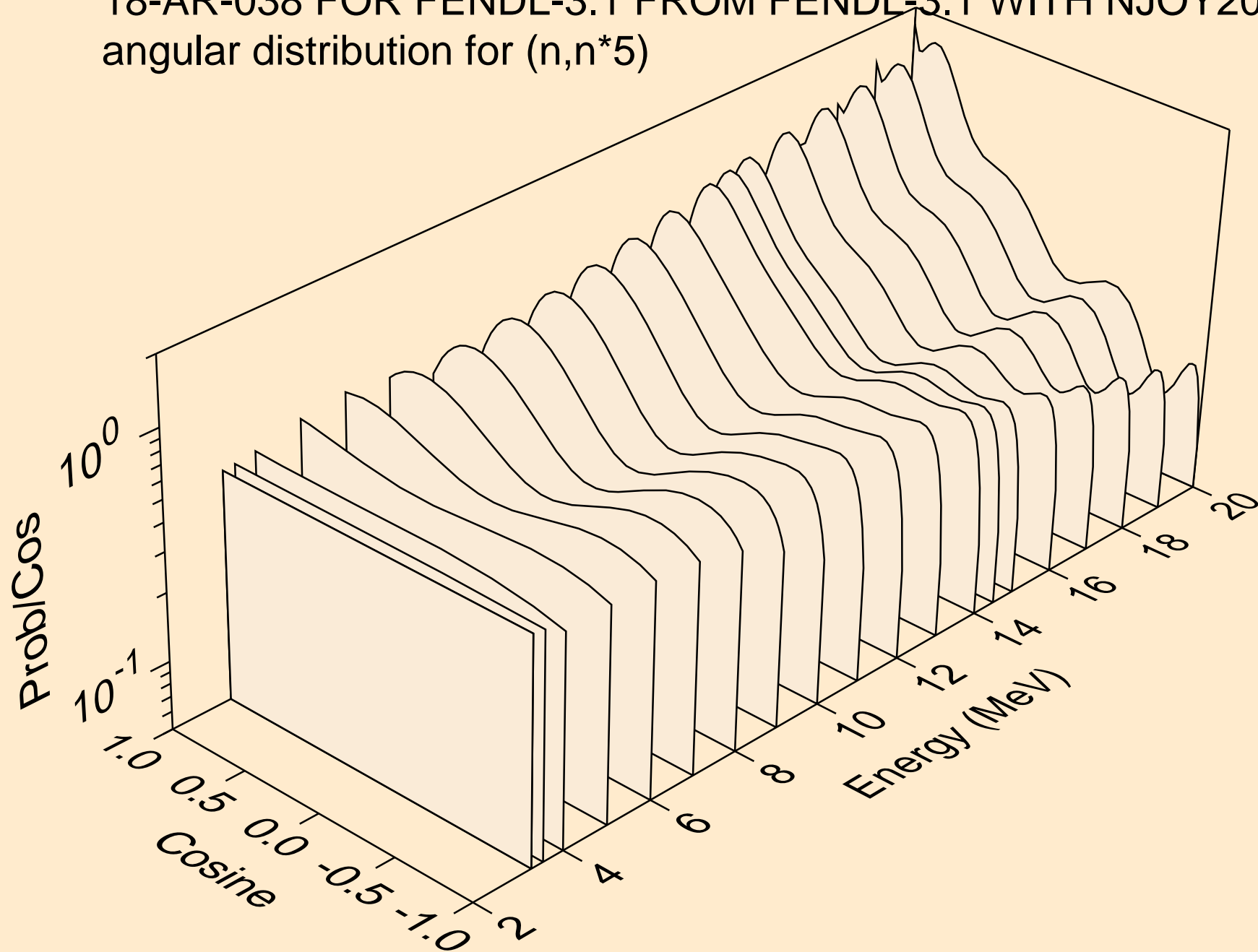




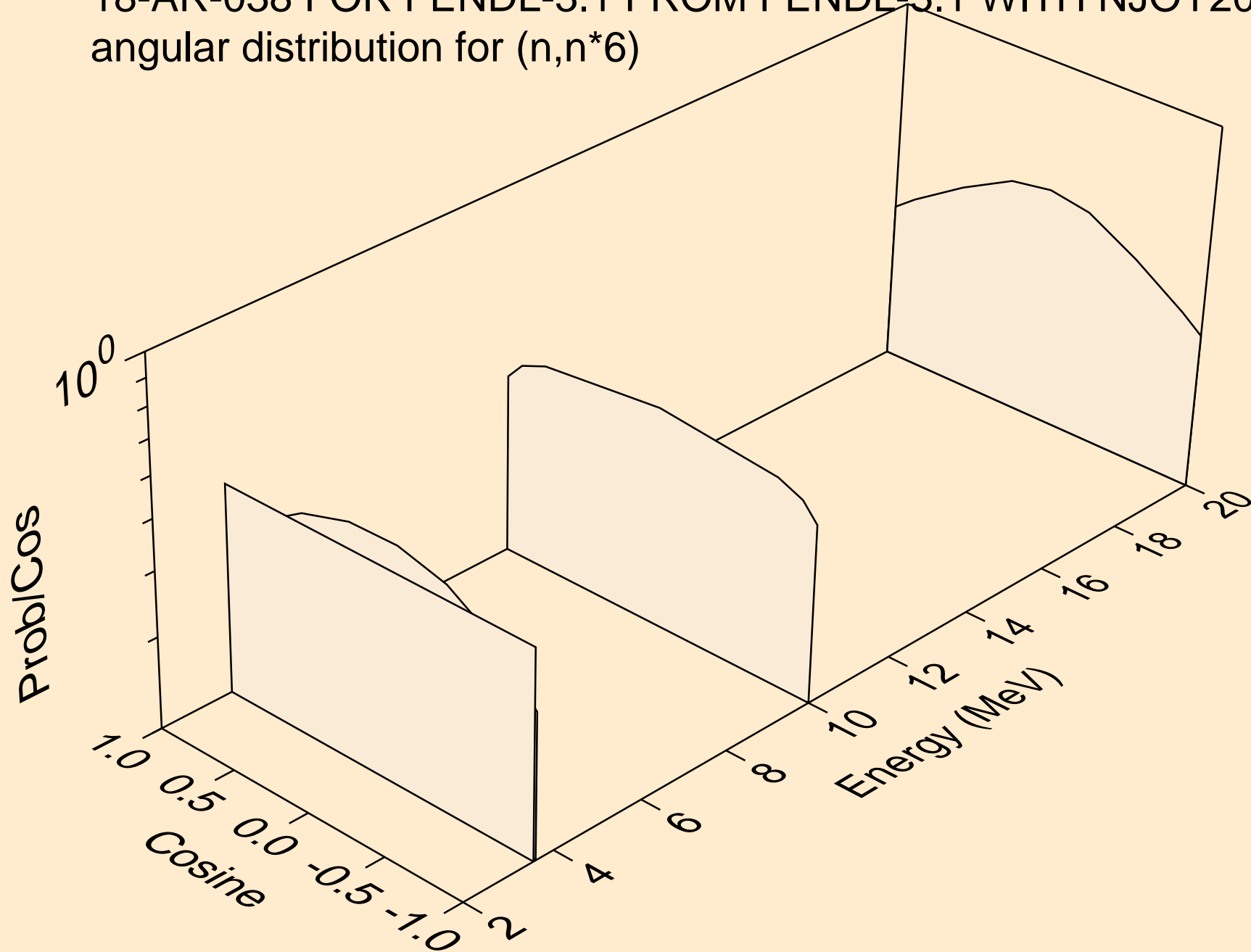
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*4)



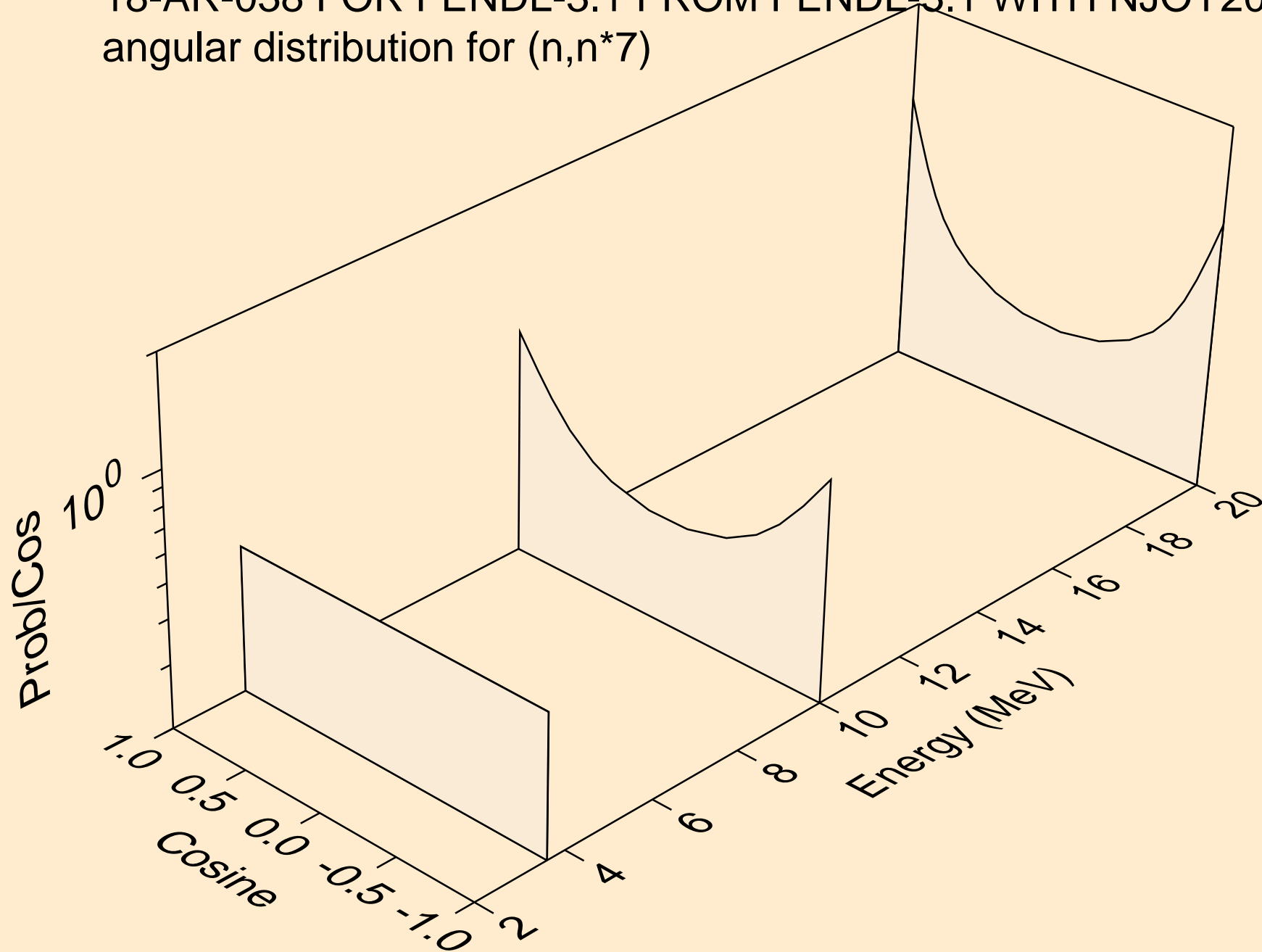
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*5)



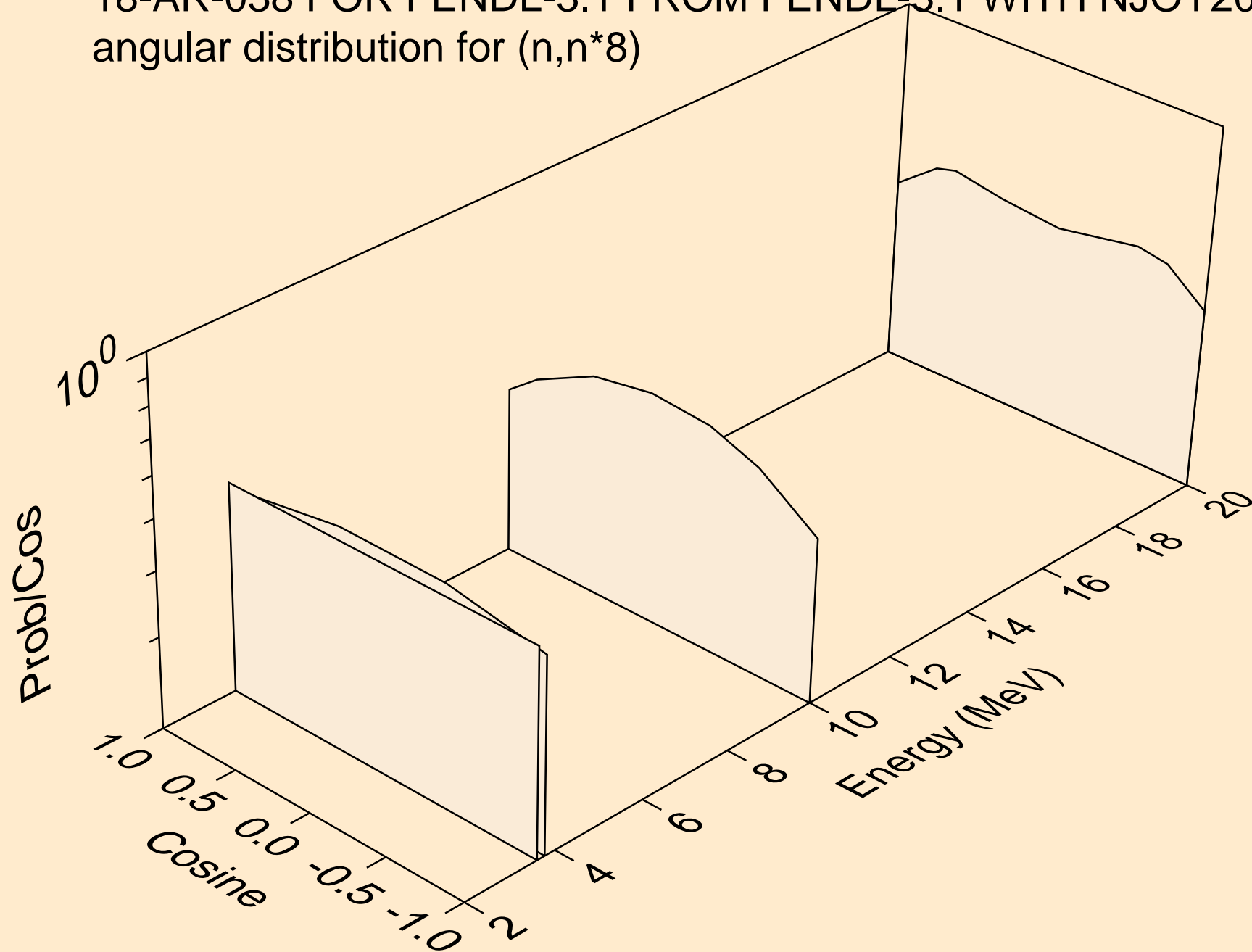
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*6)



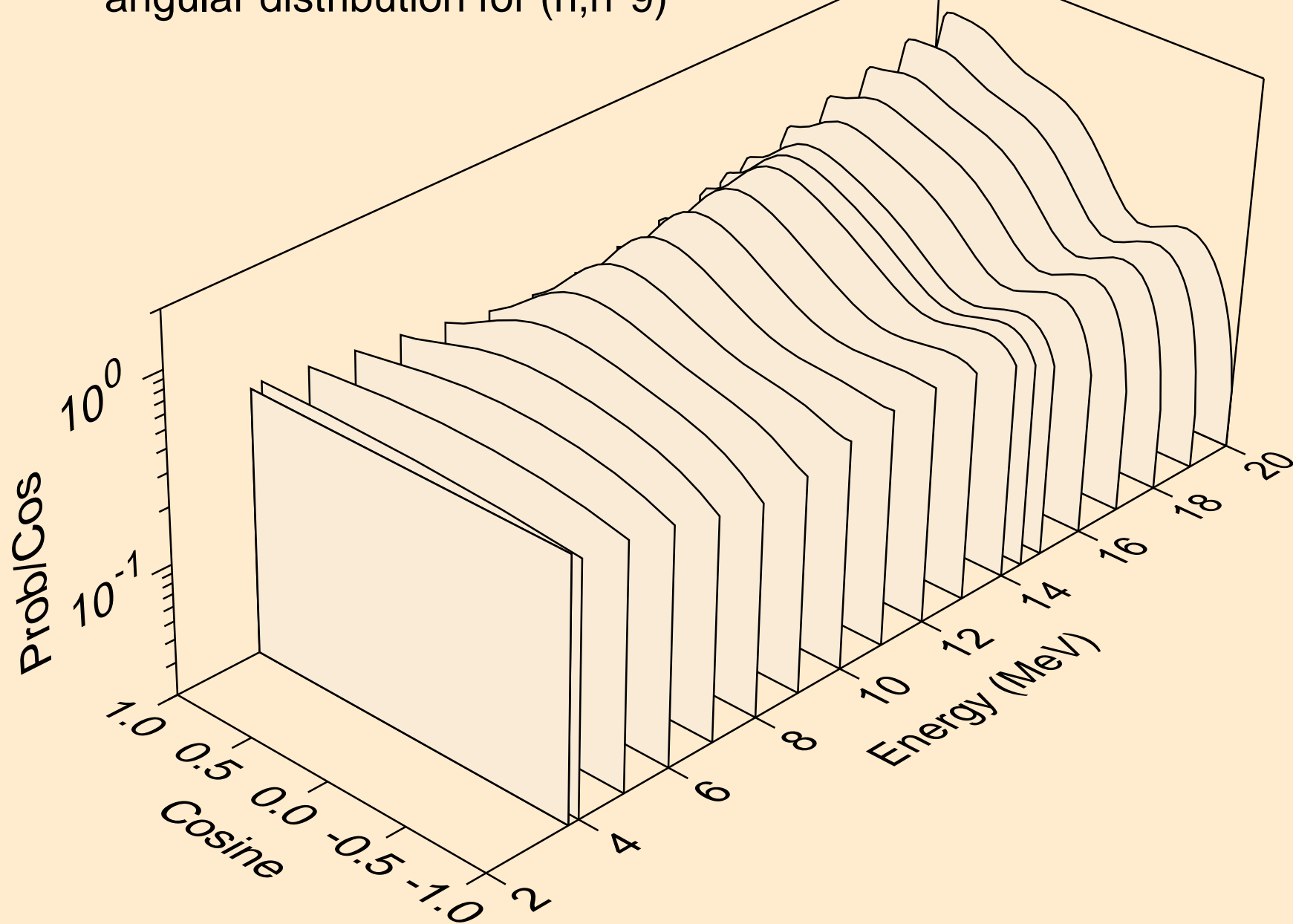
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*7)



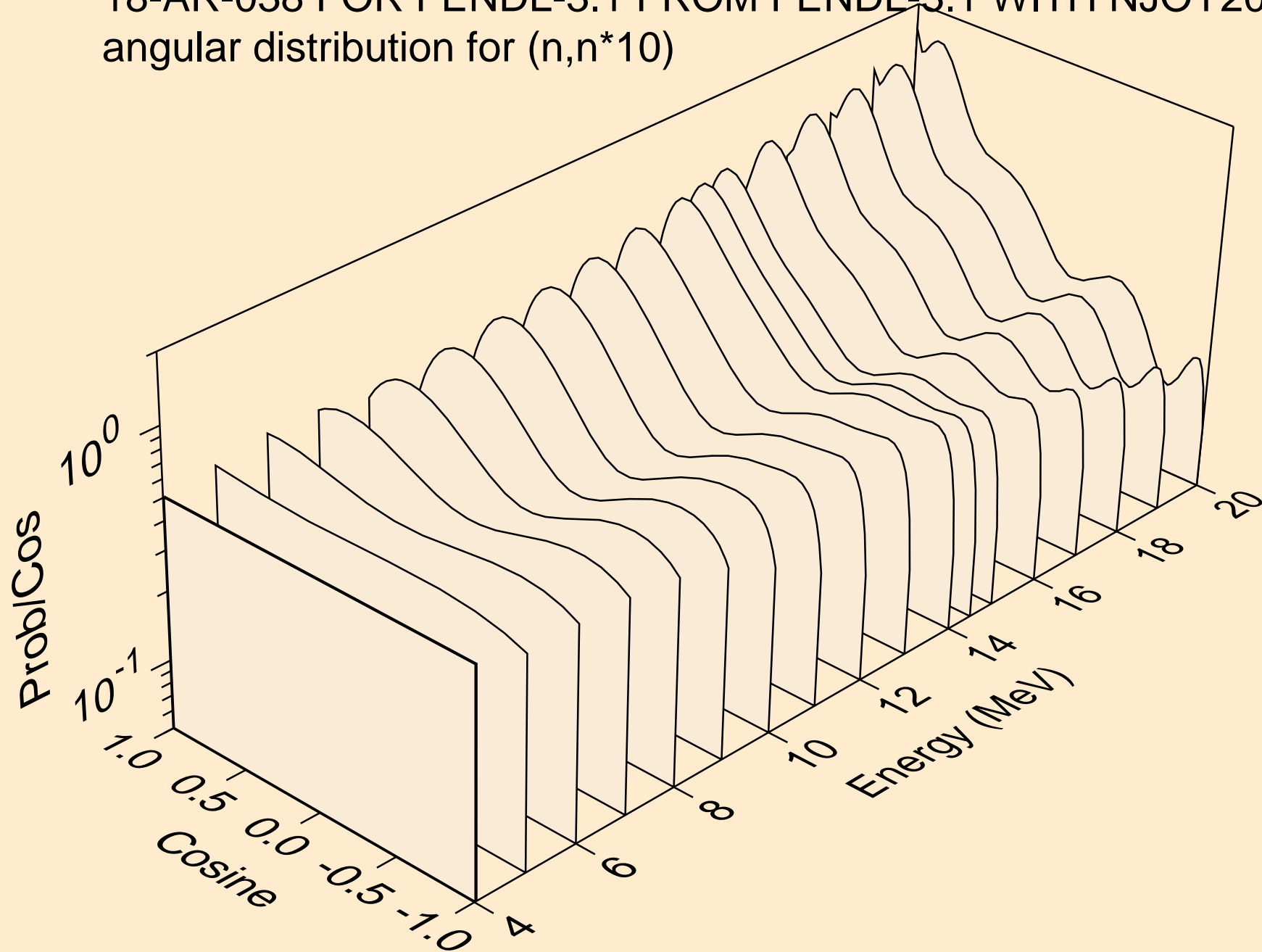
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*8)



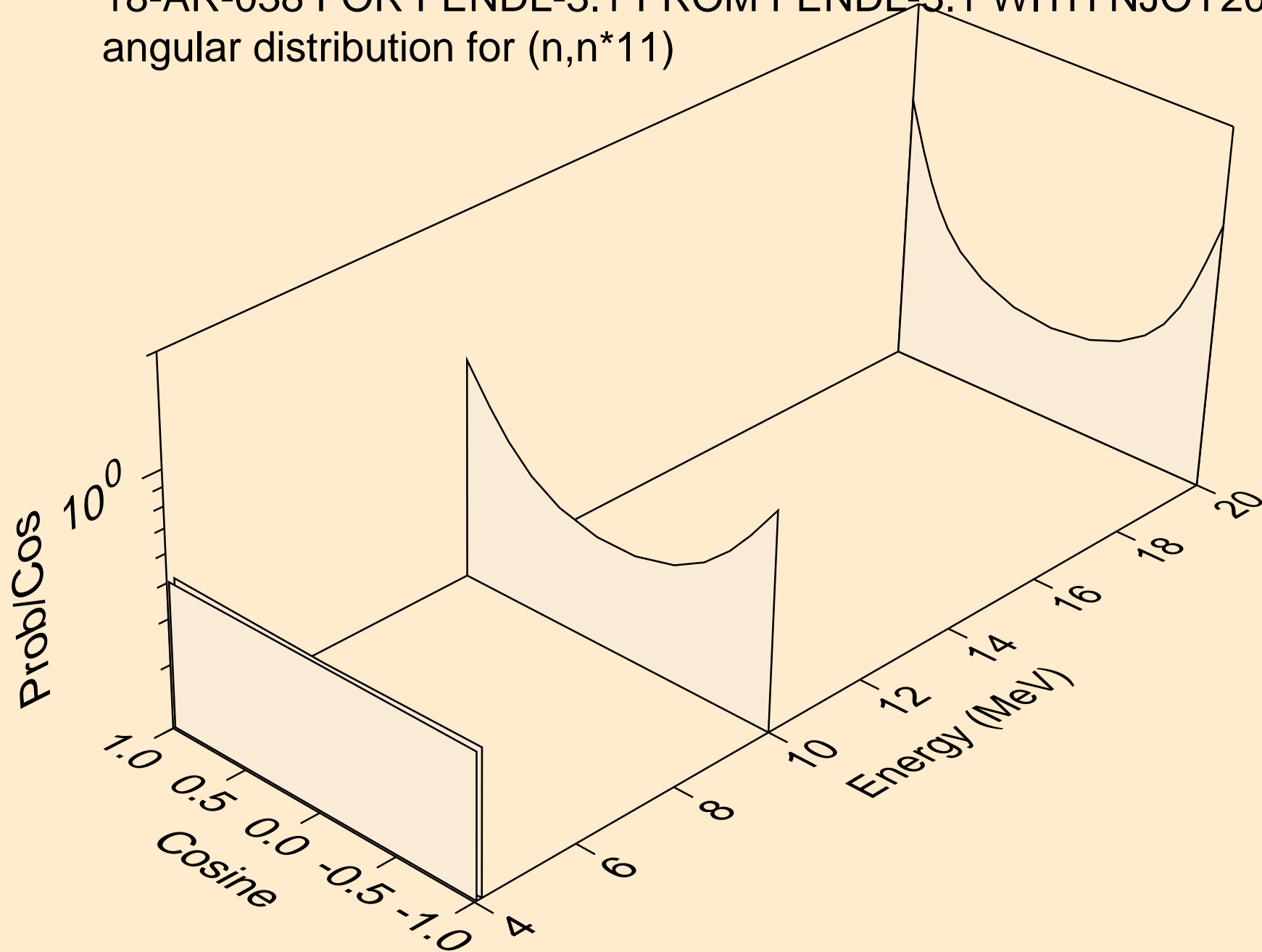
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*9)



18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*10)

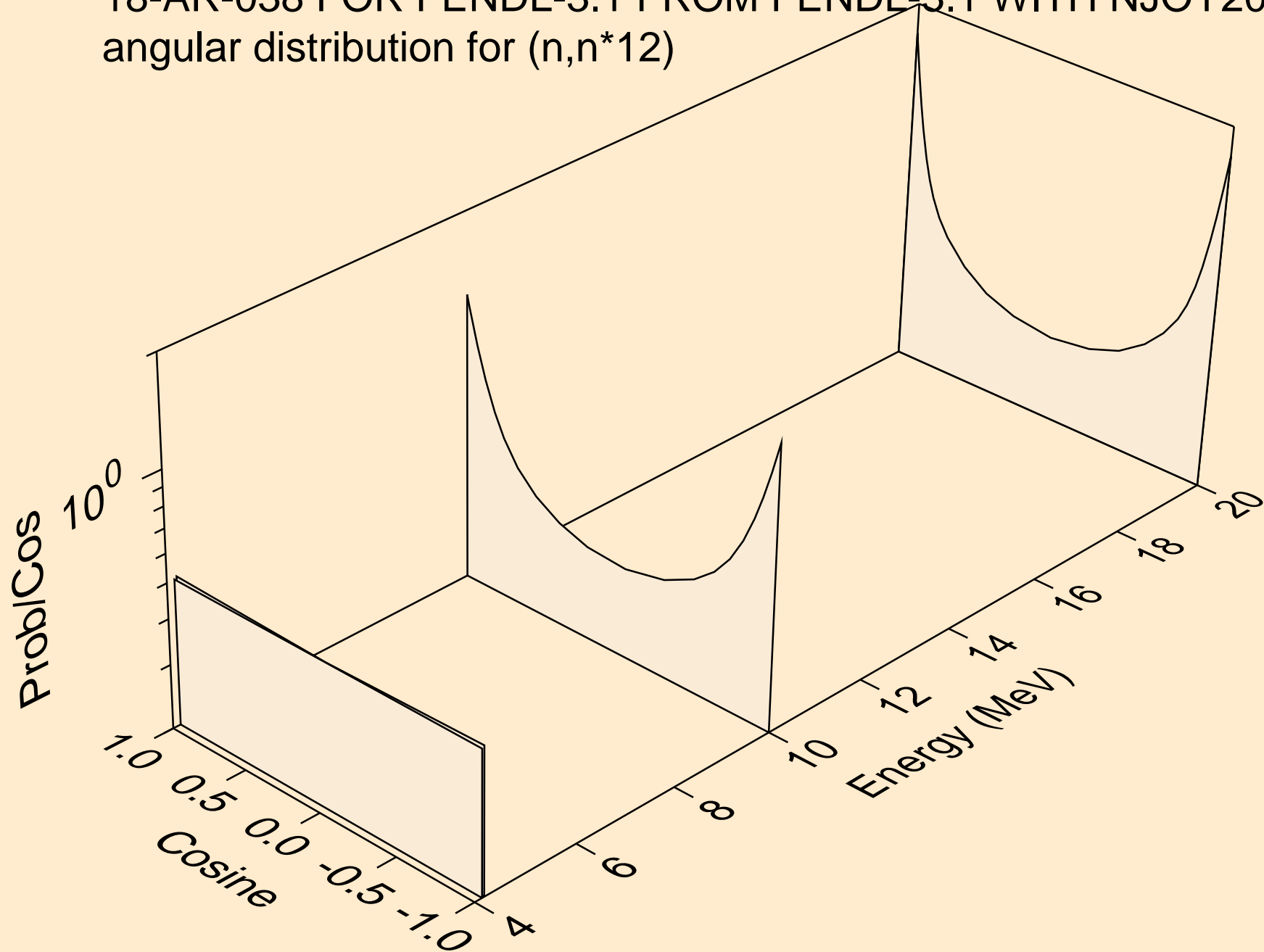


18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*11)

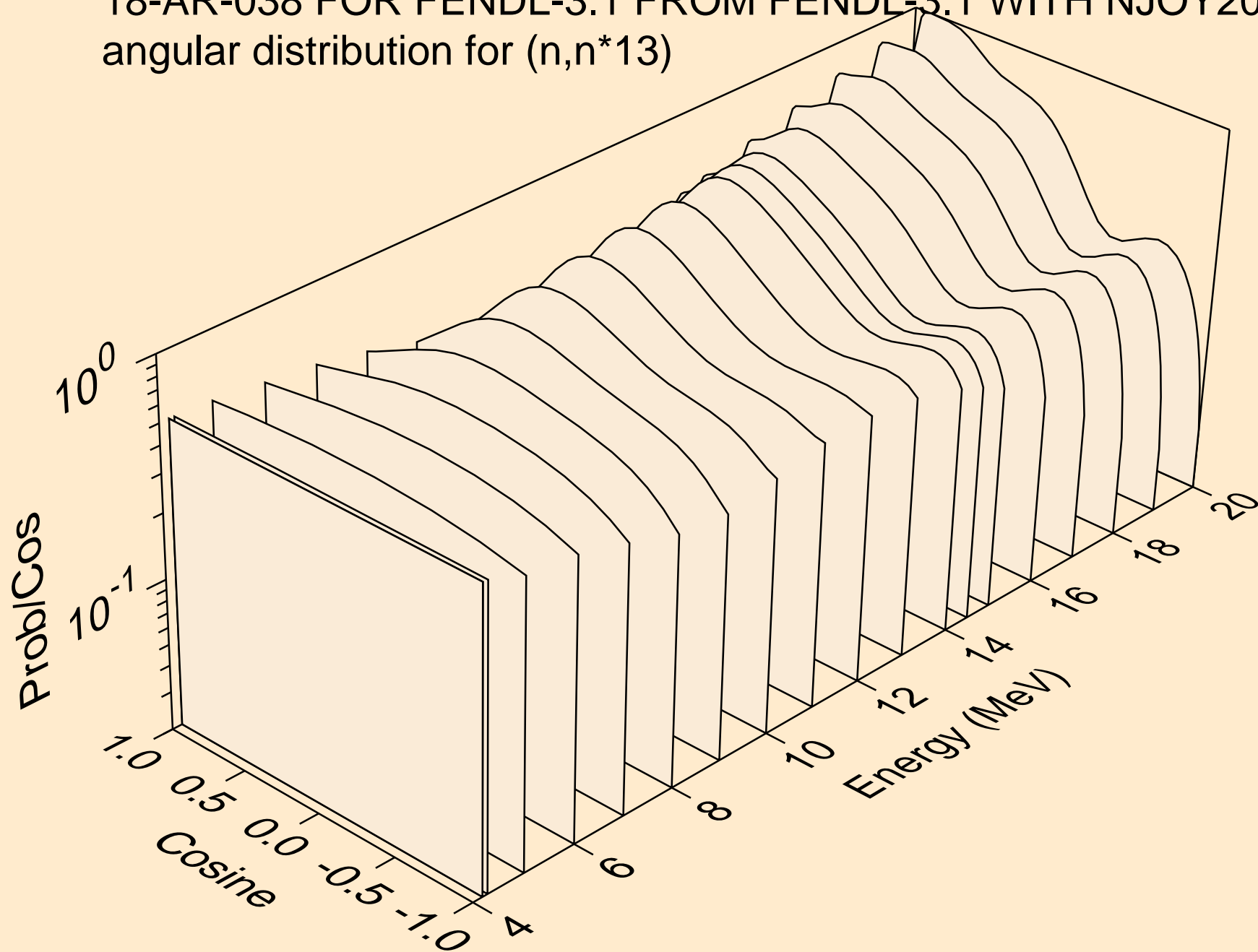




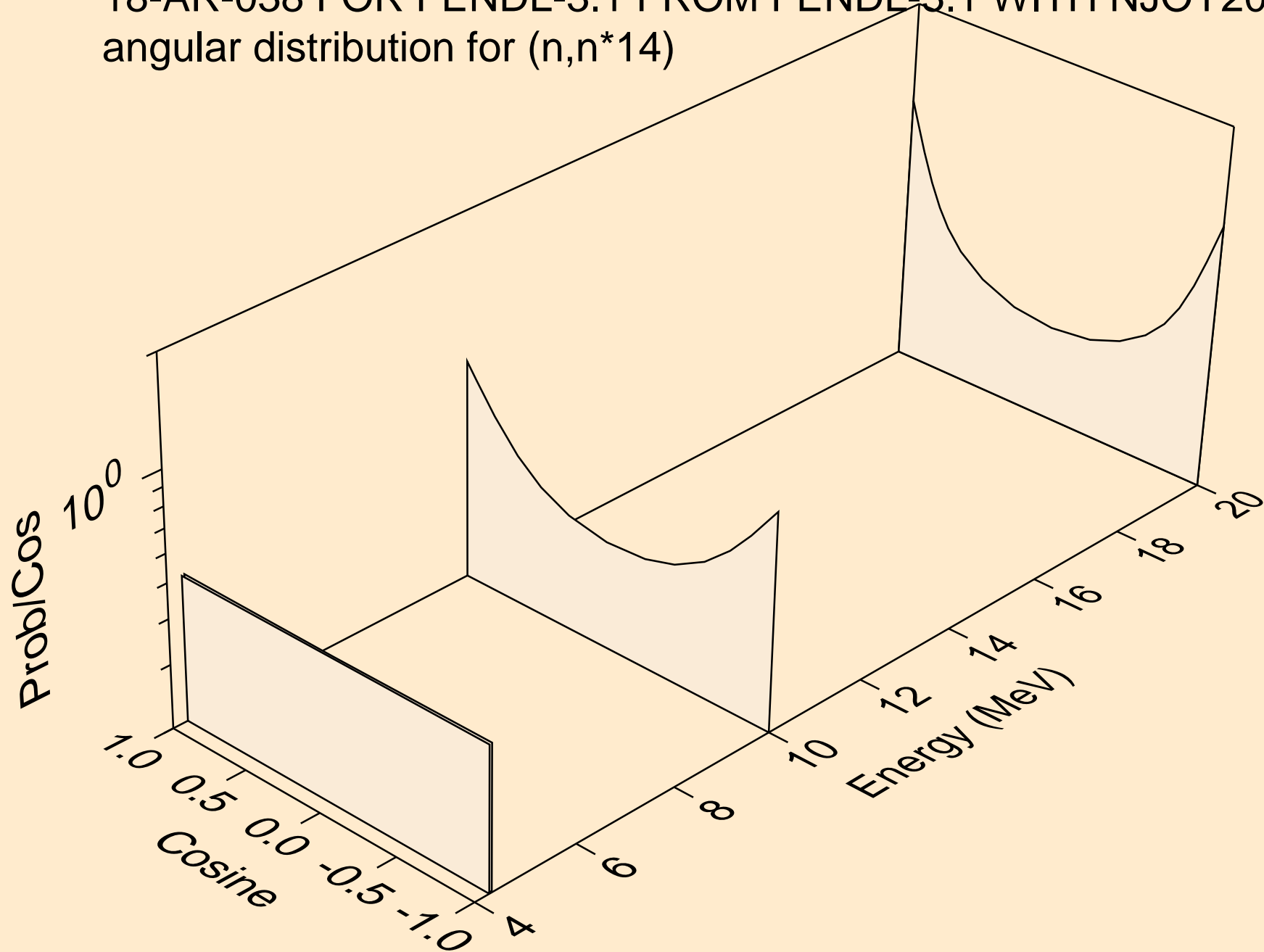
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*12)



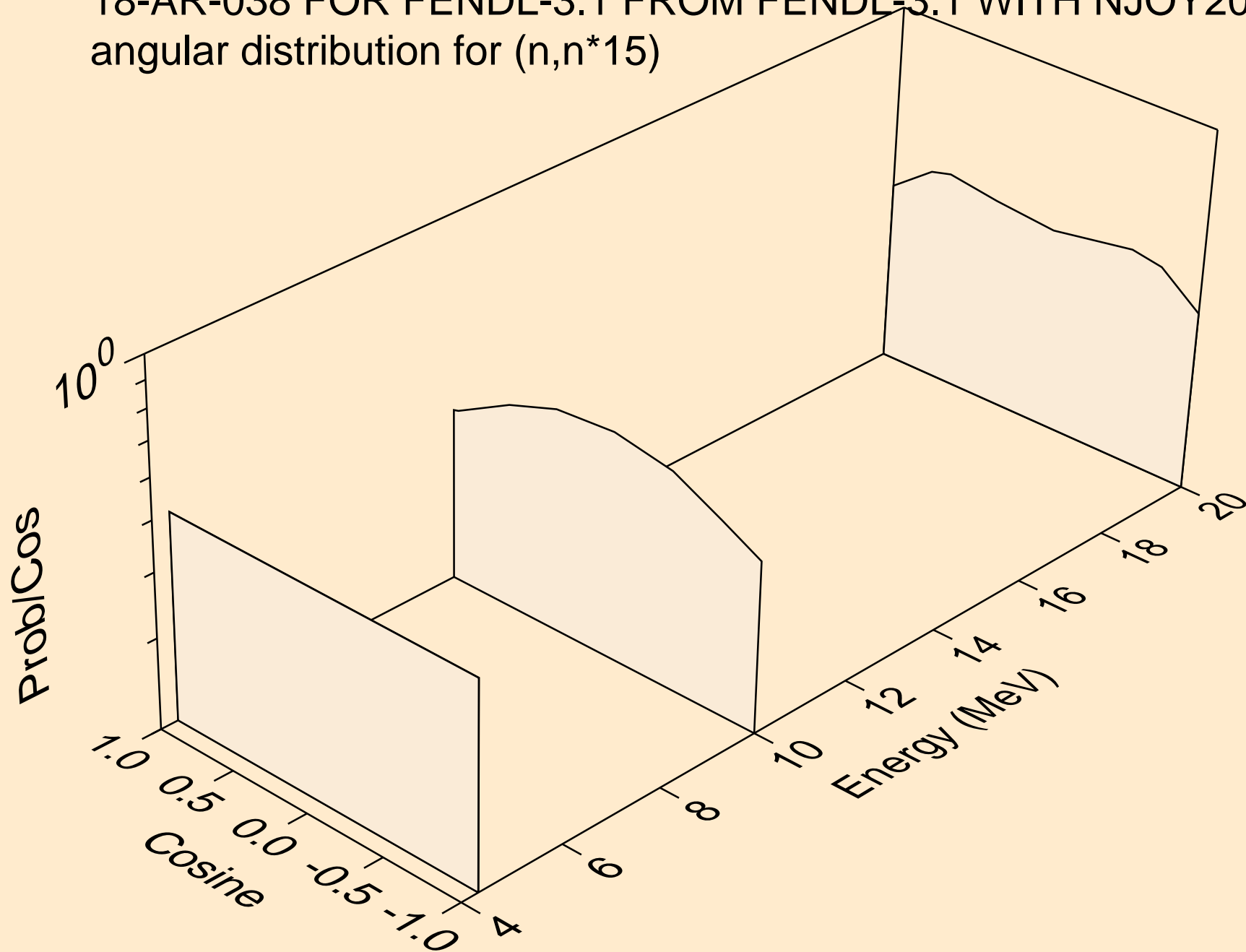
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*13)



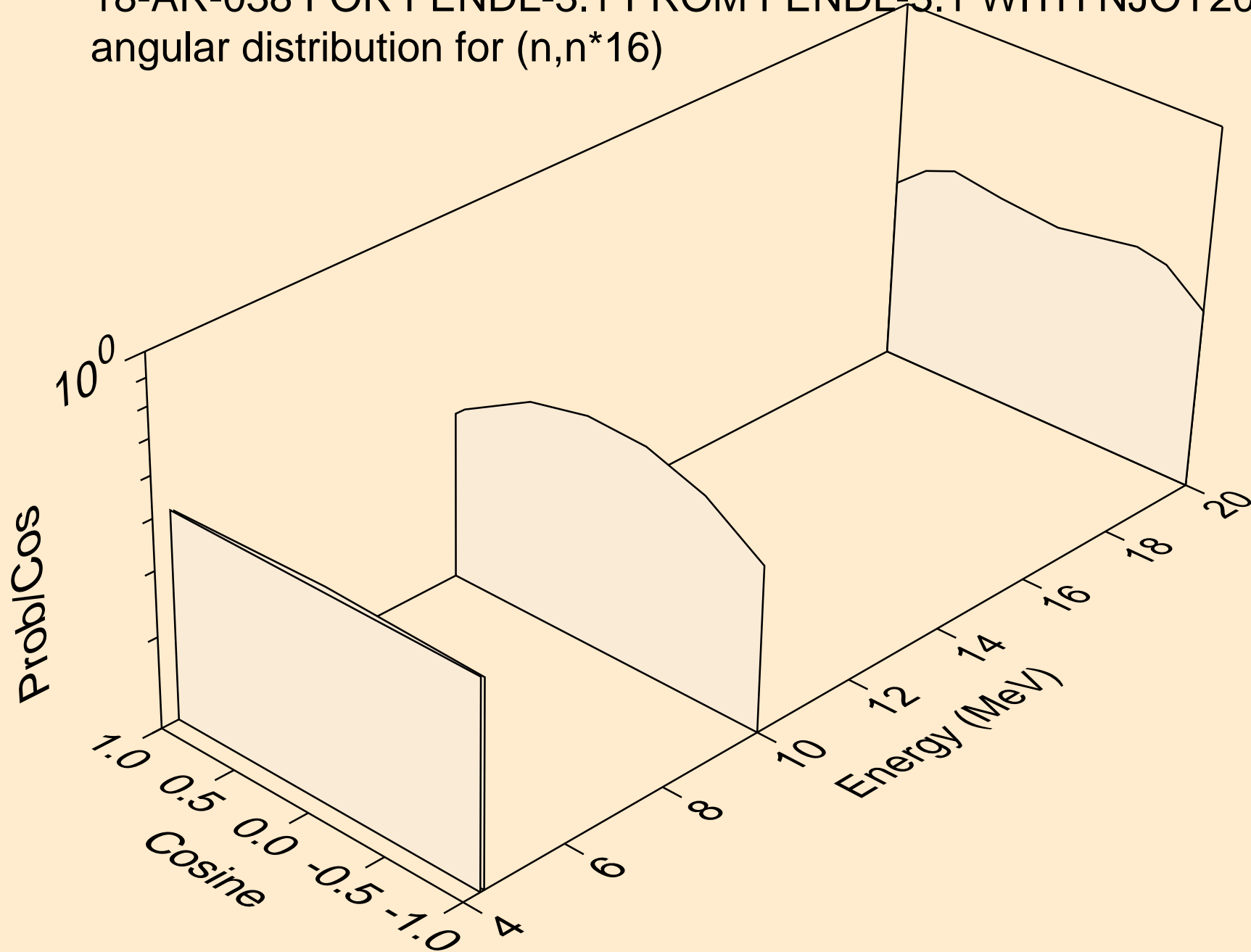
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*14)



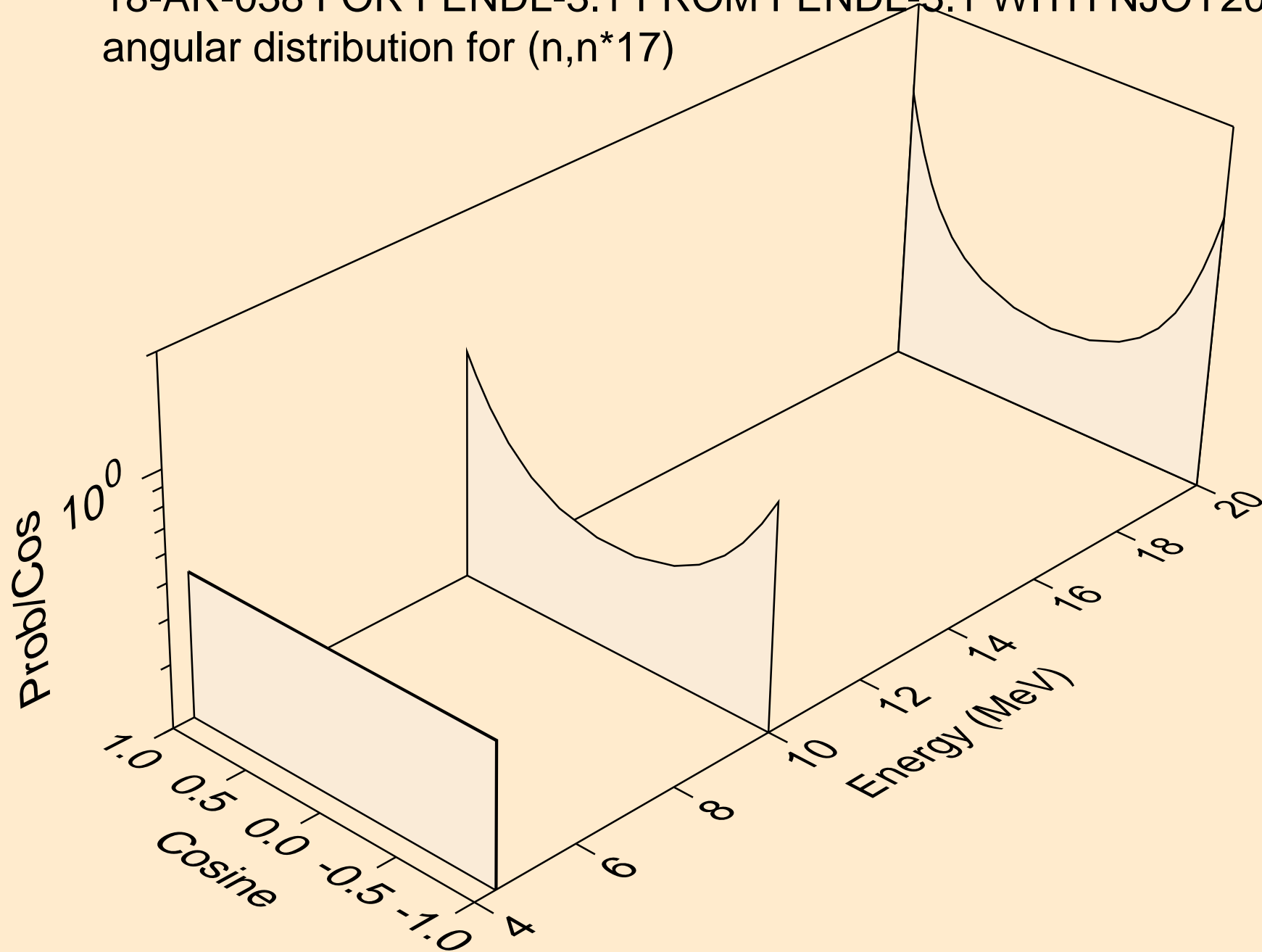
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*15)



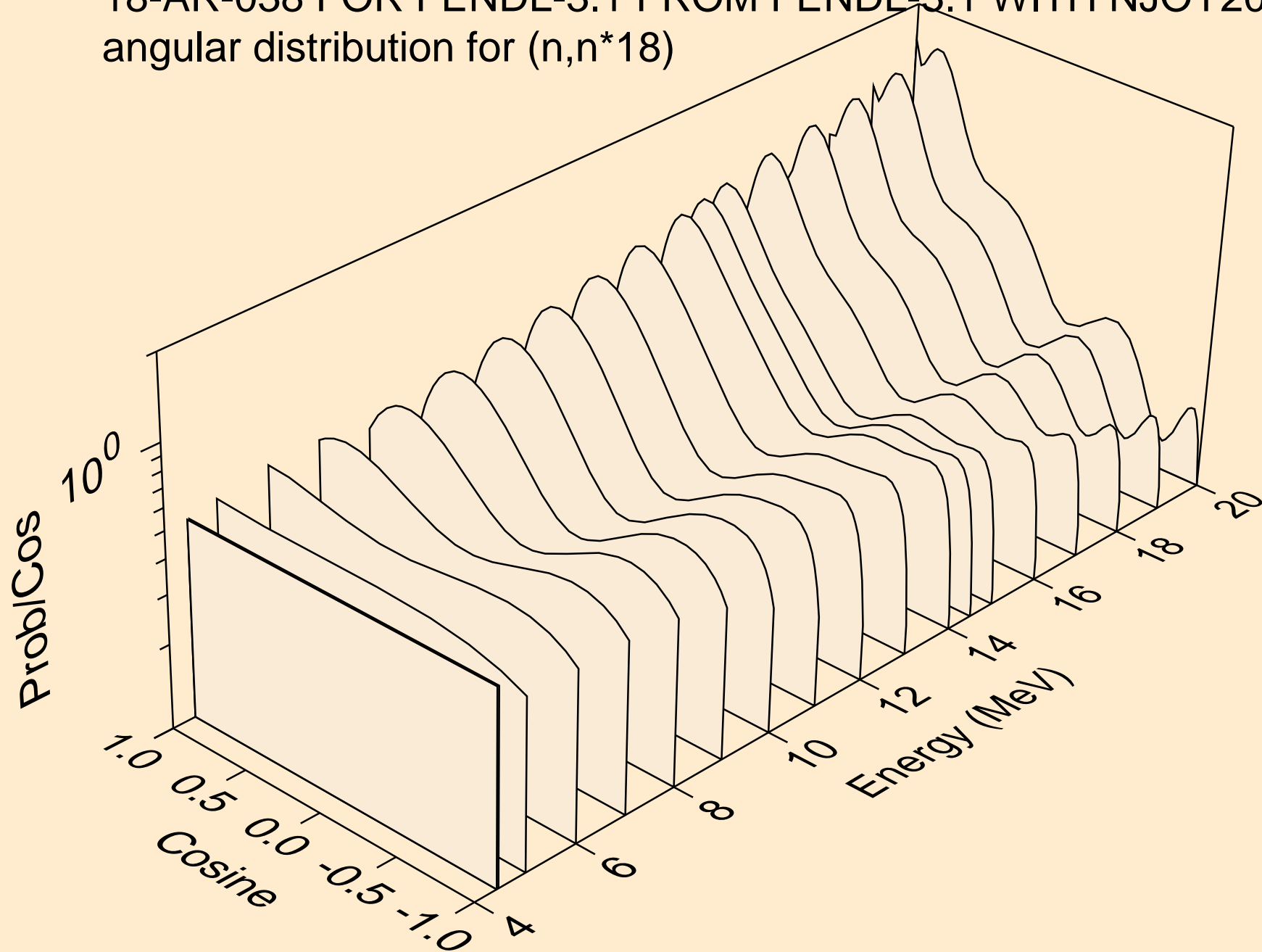
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*16)



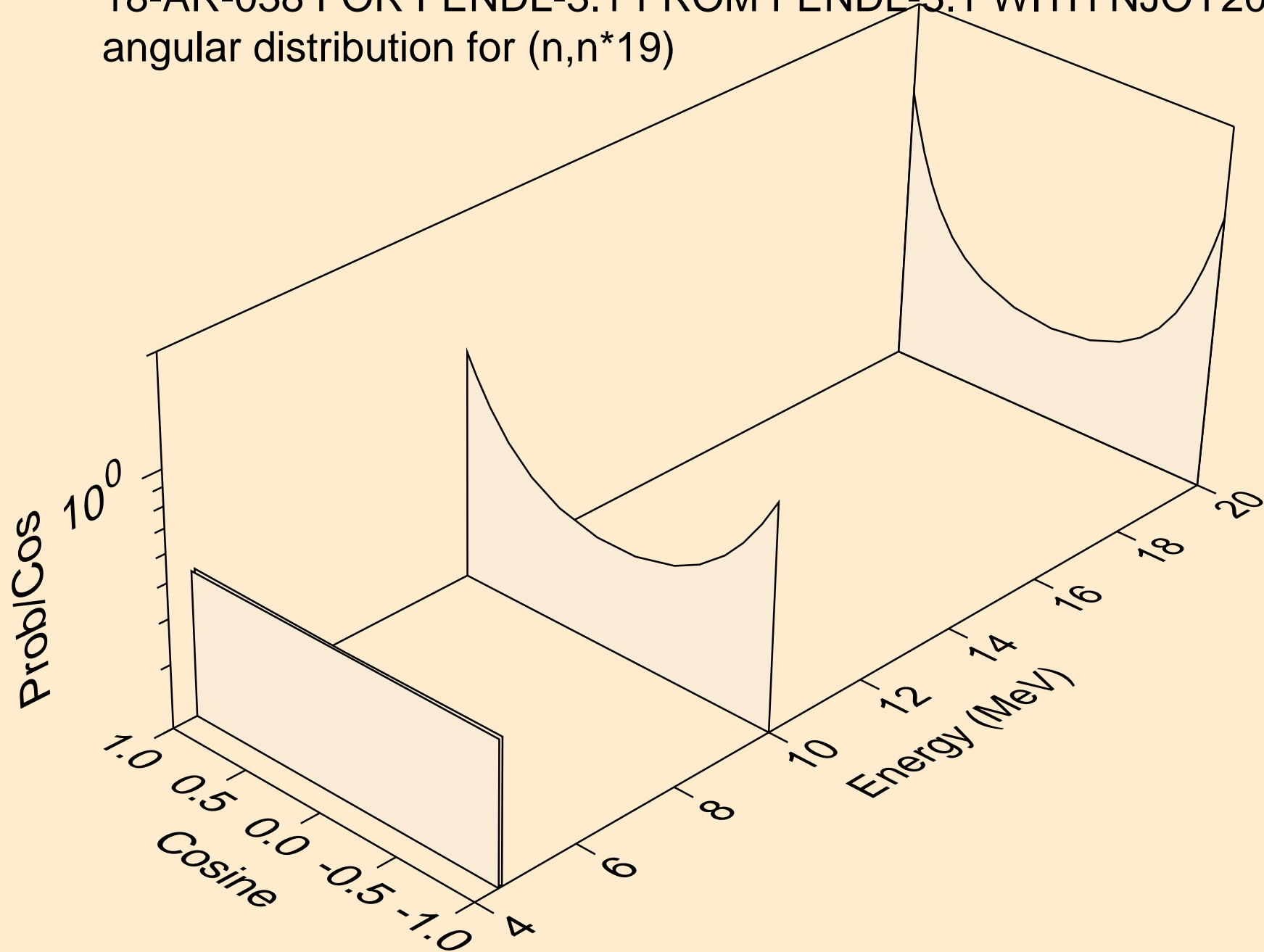
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*17)



18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*18)

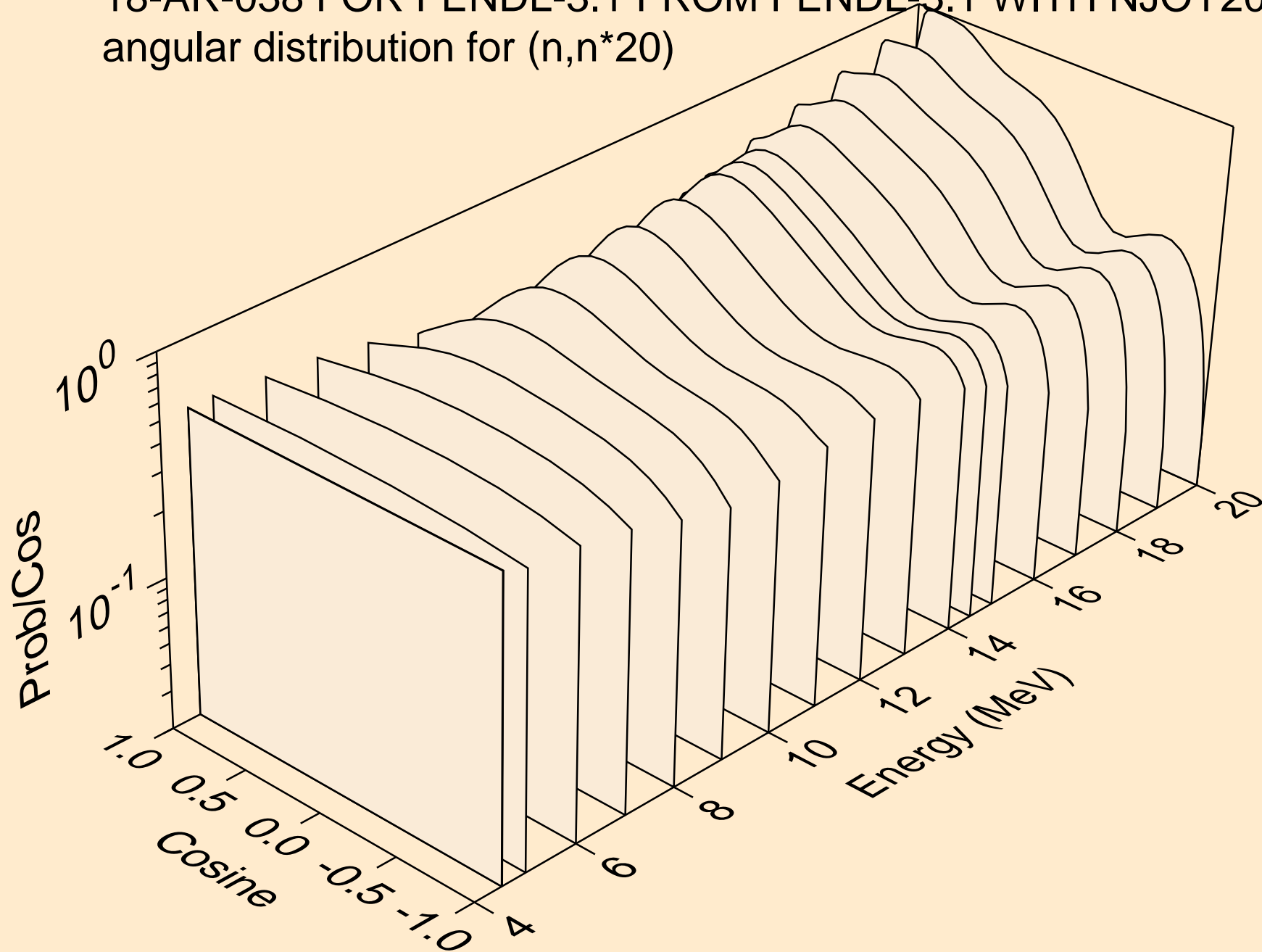


18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*19)

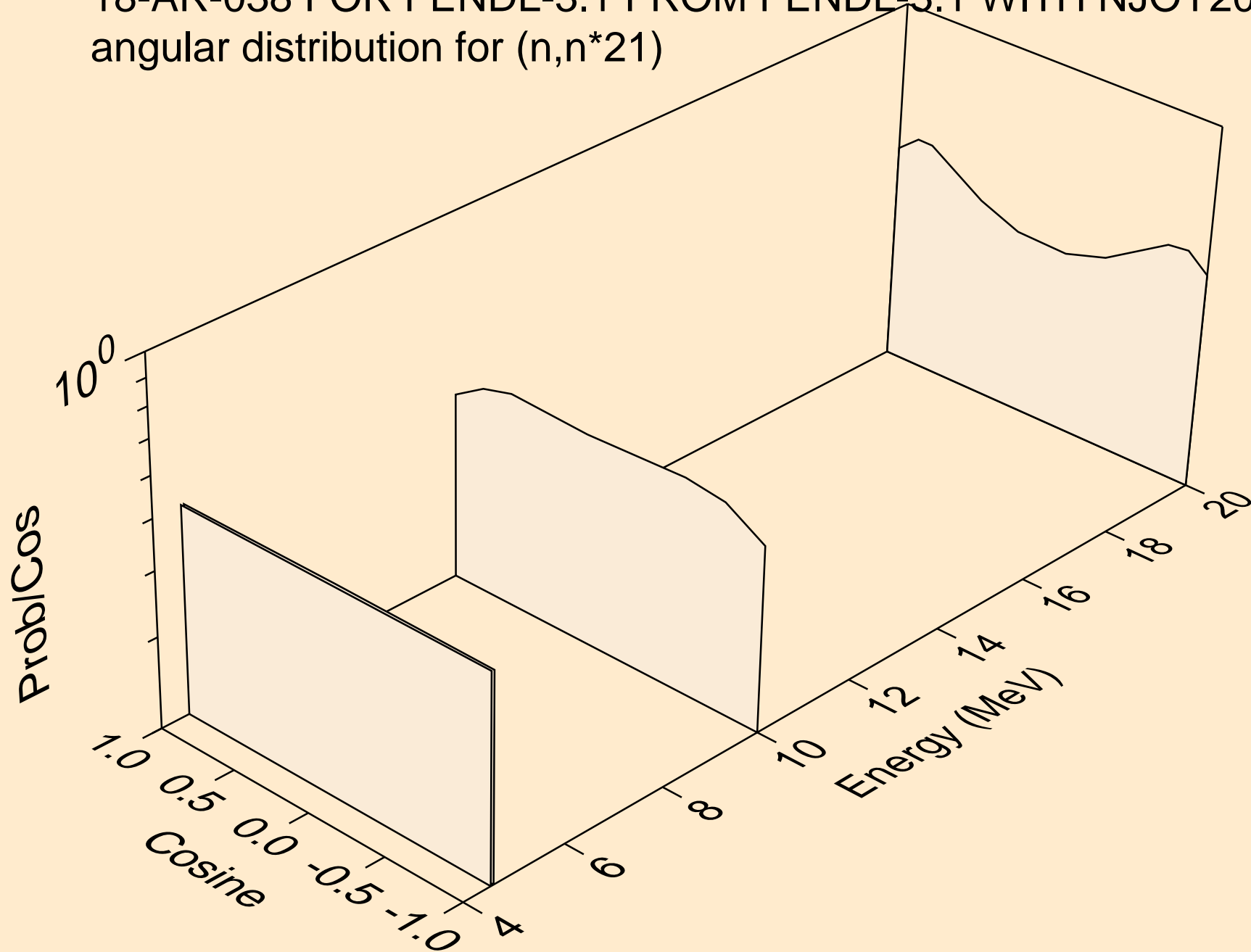




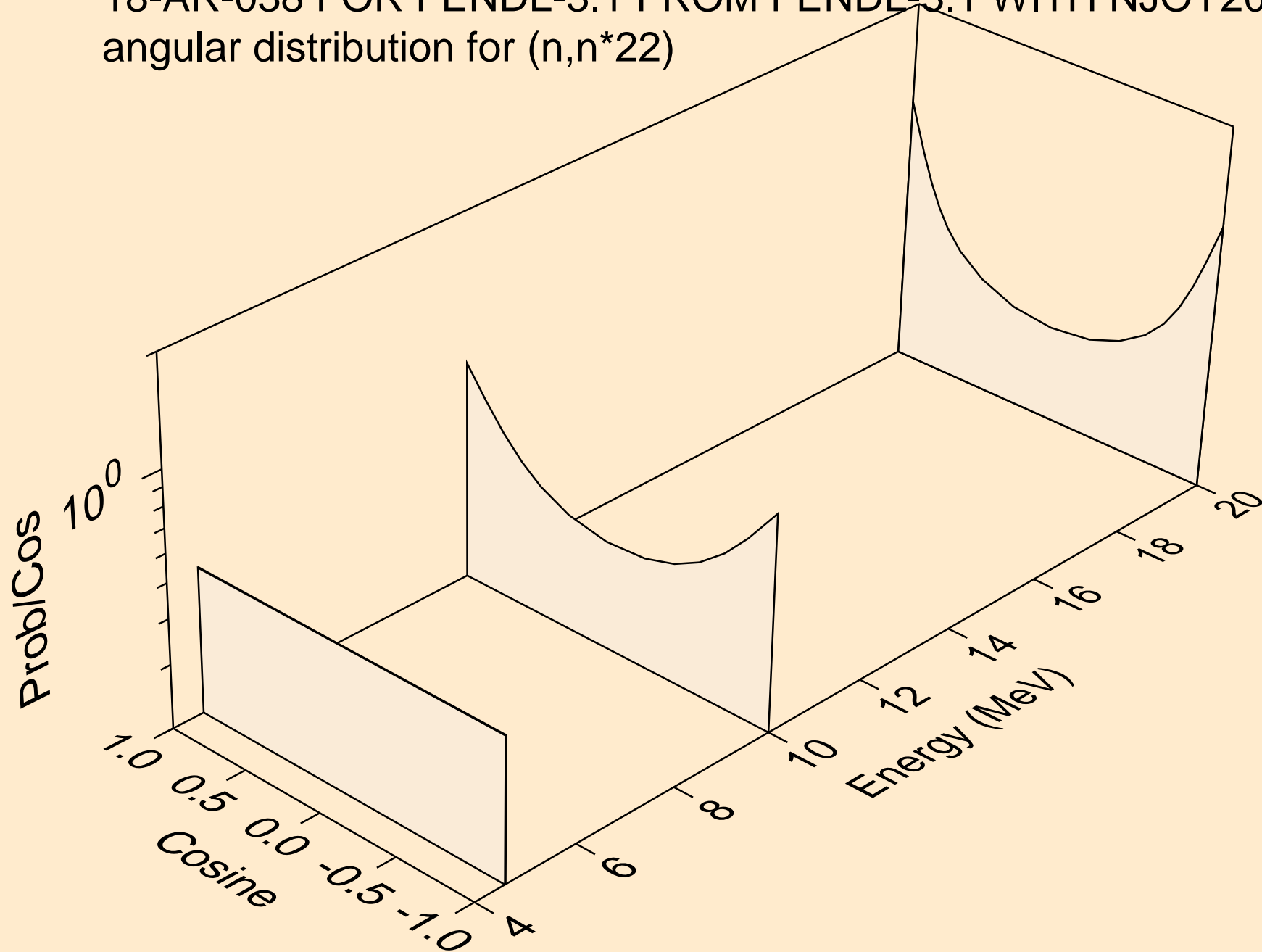
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*20)



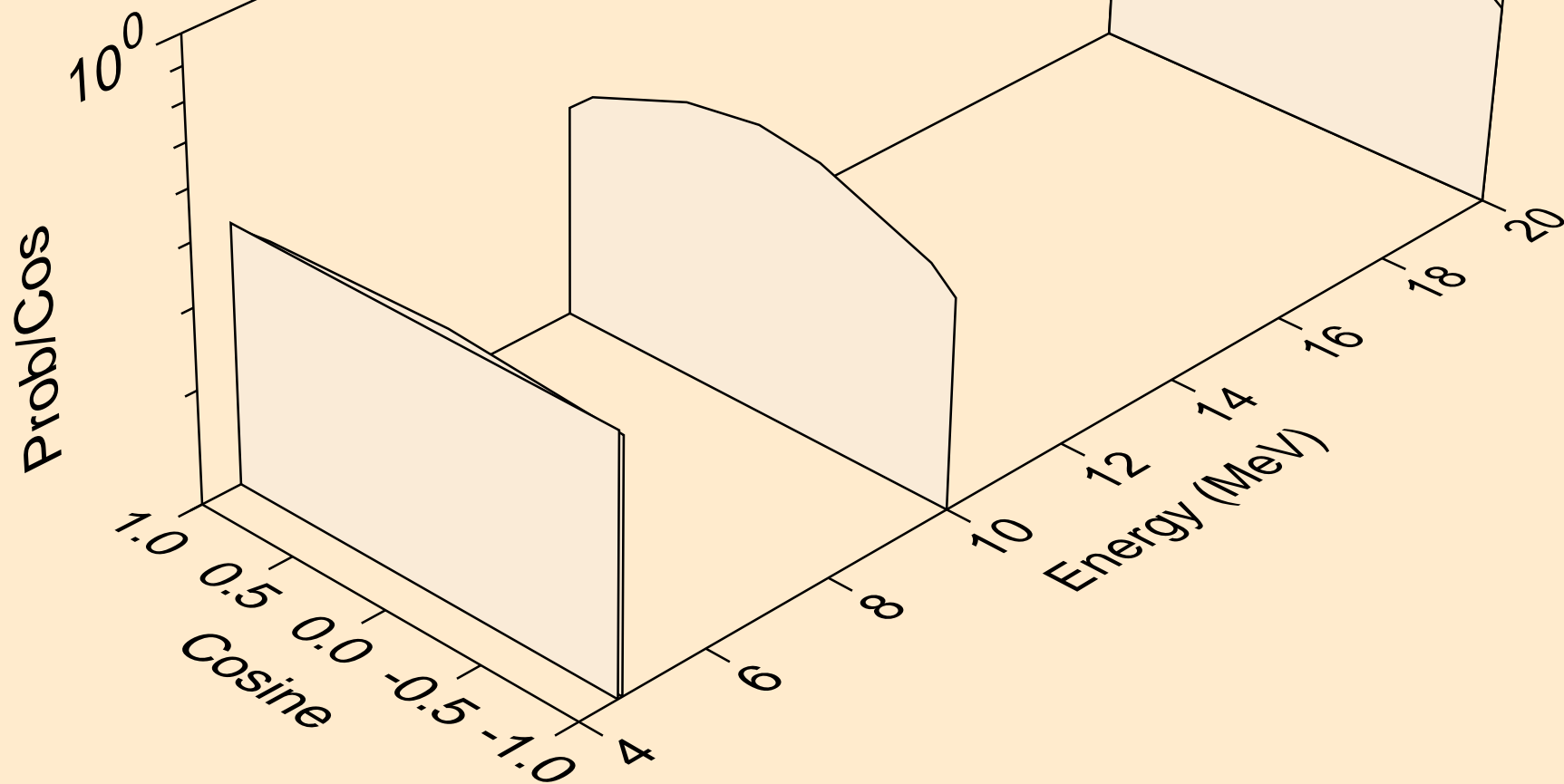
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*21)



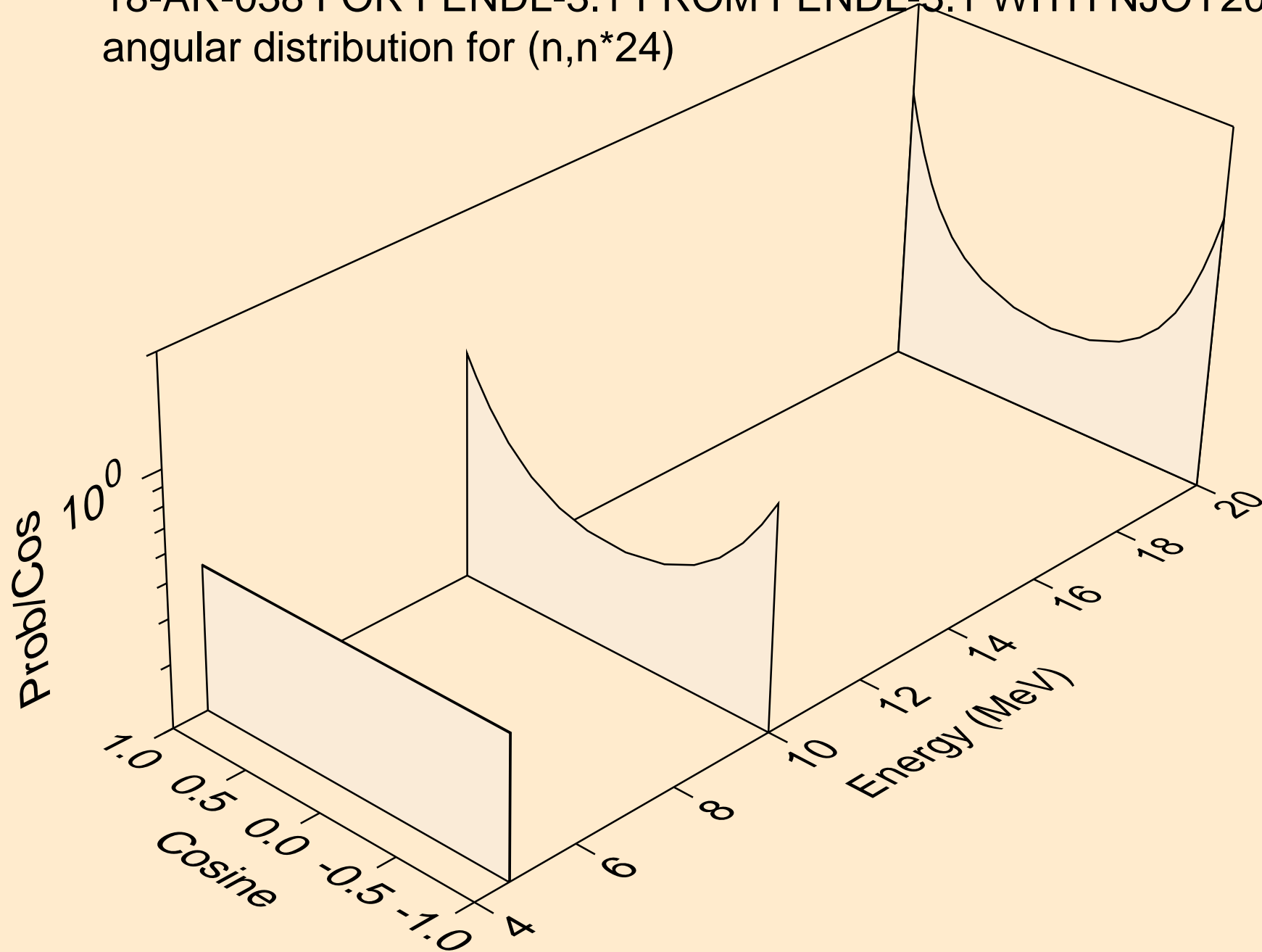
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*22)



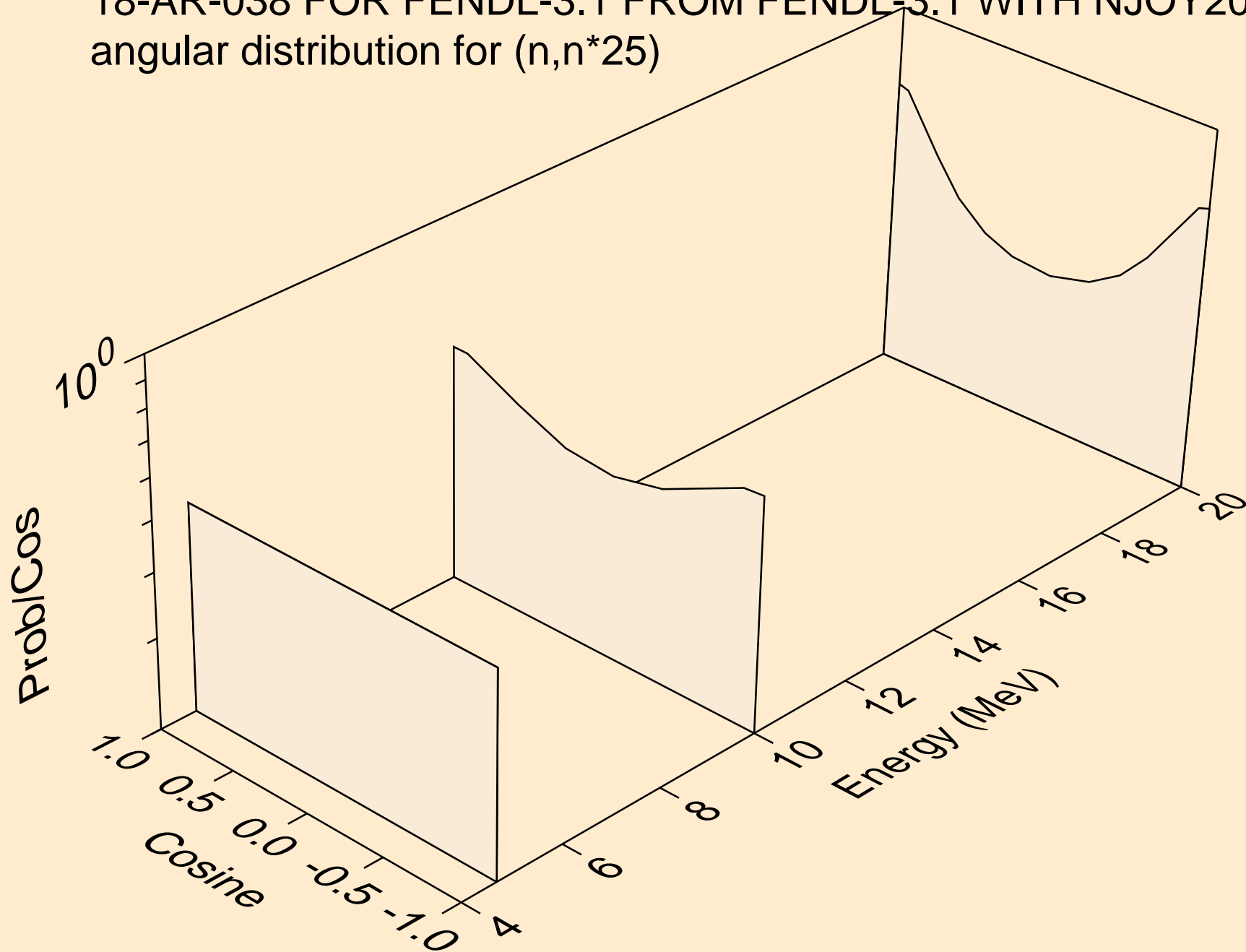
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*23)



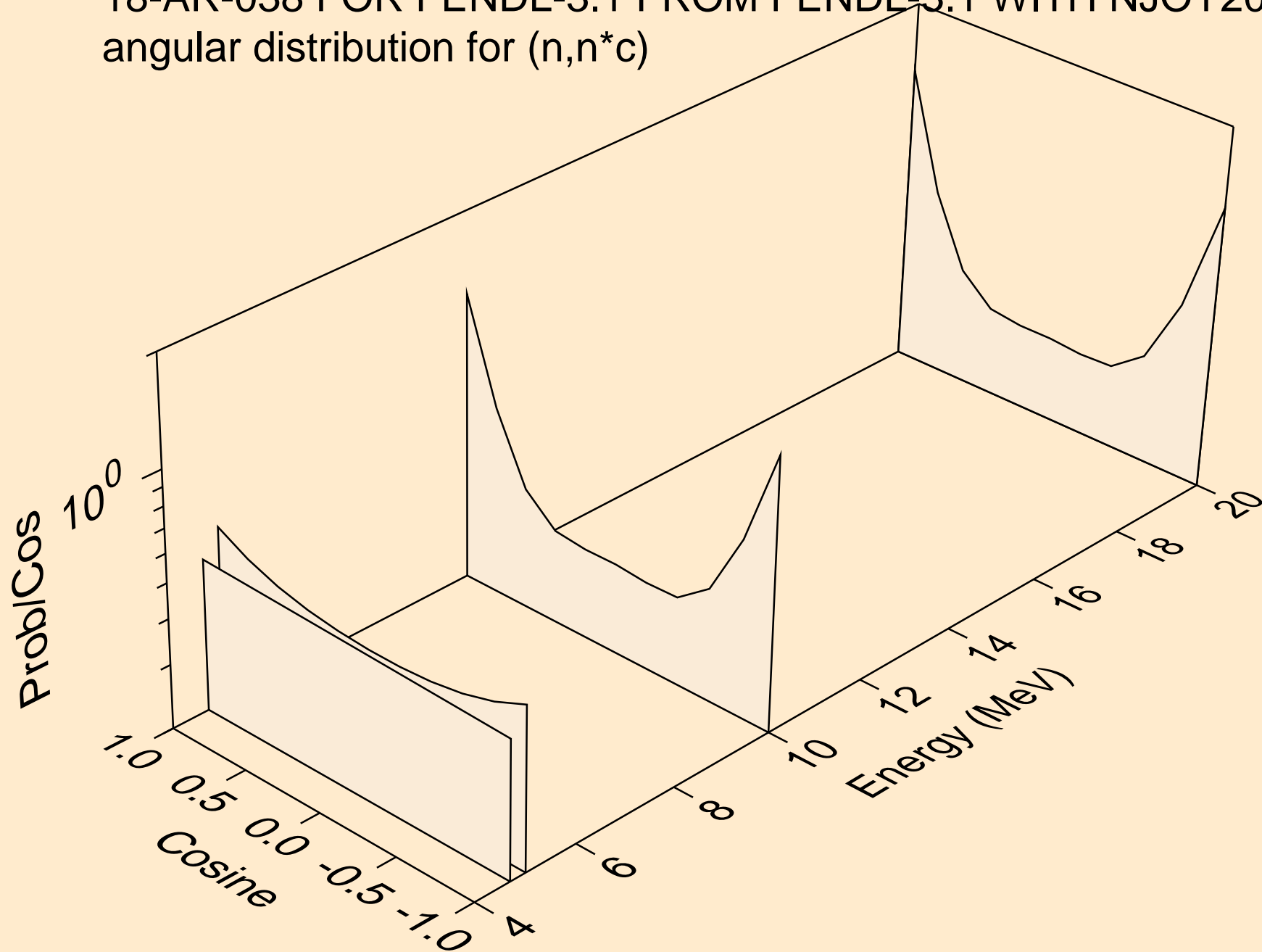
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*24)



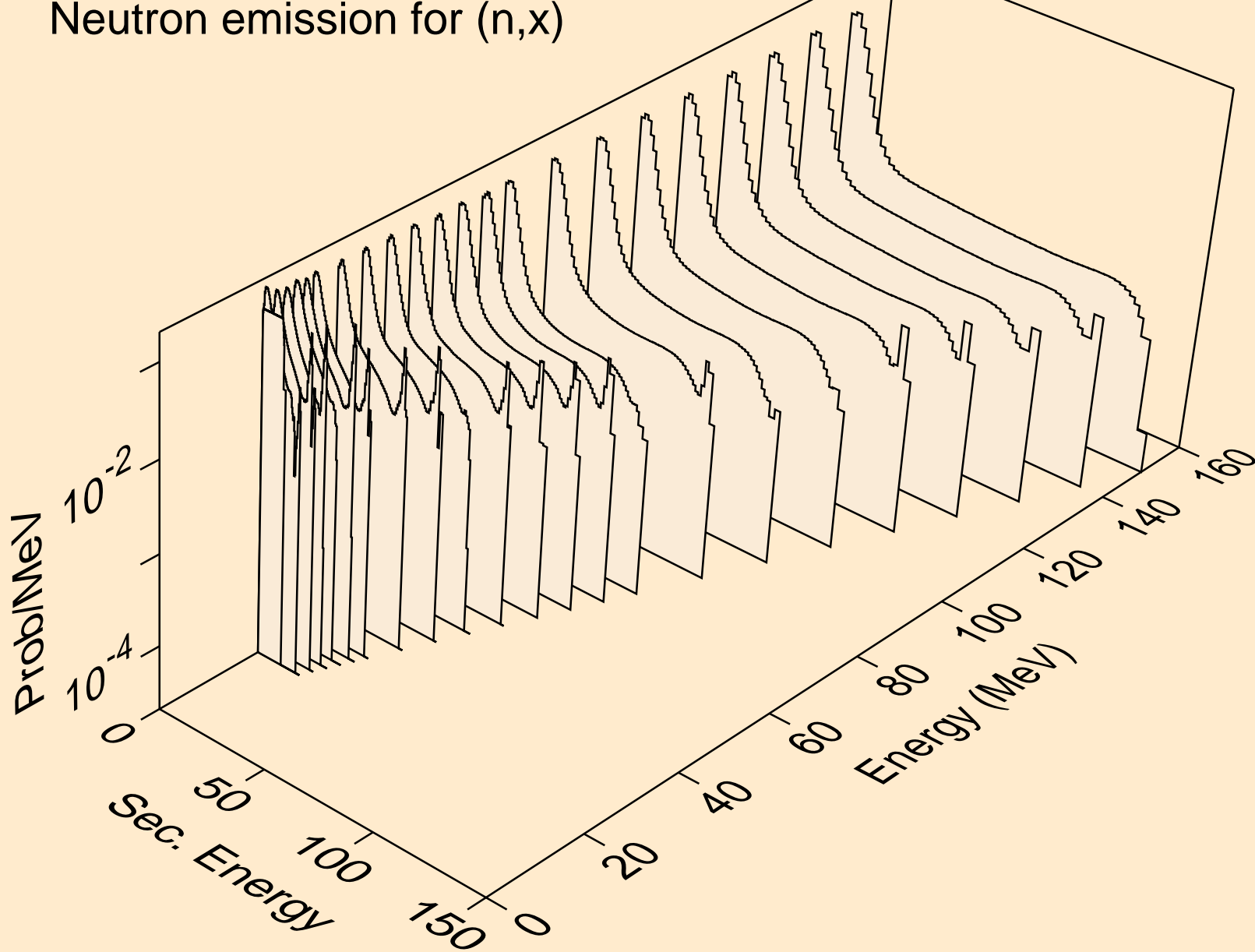
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*25)



18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
angular distribution for (n,n\*c)

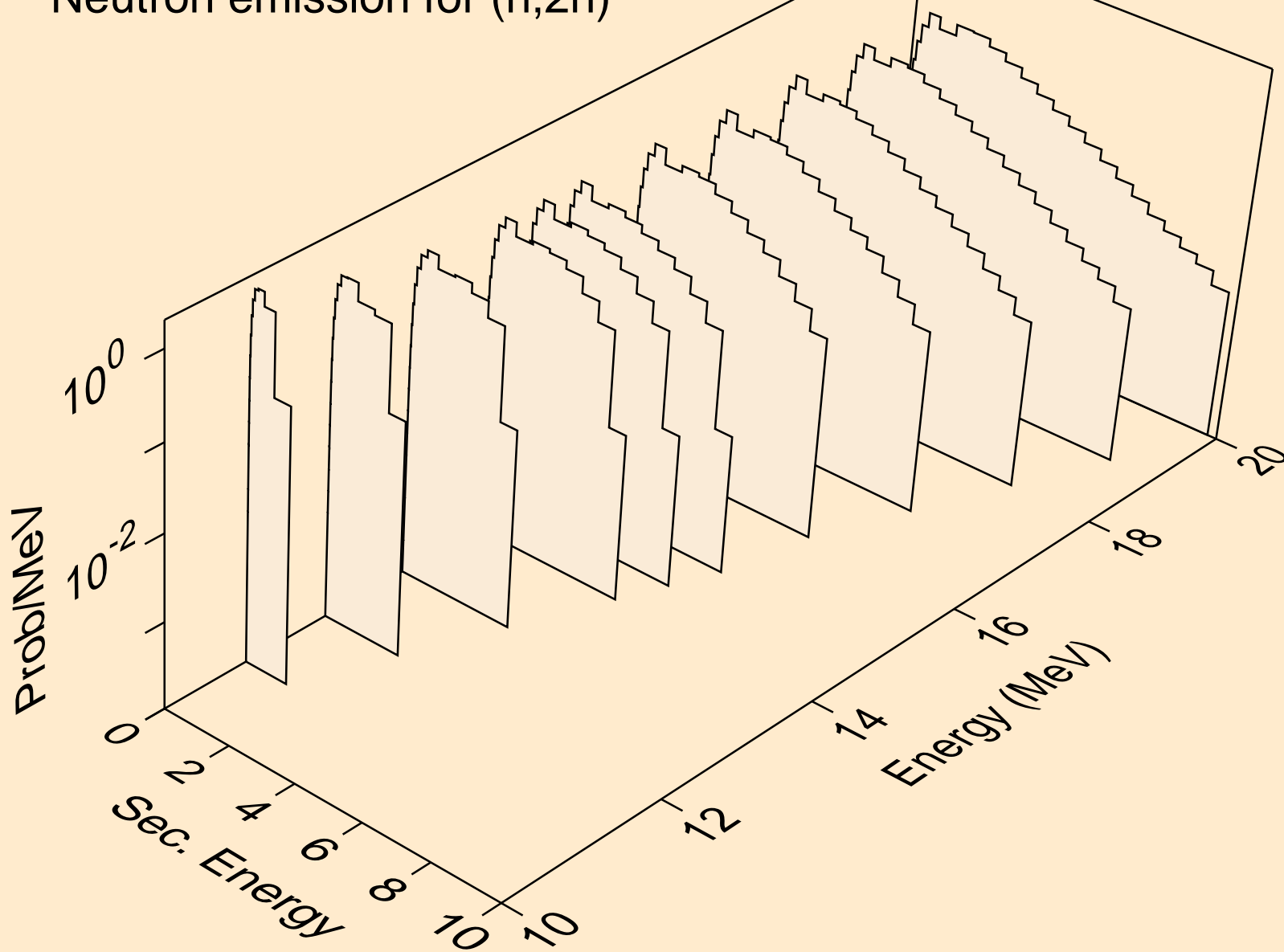


18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,x)

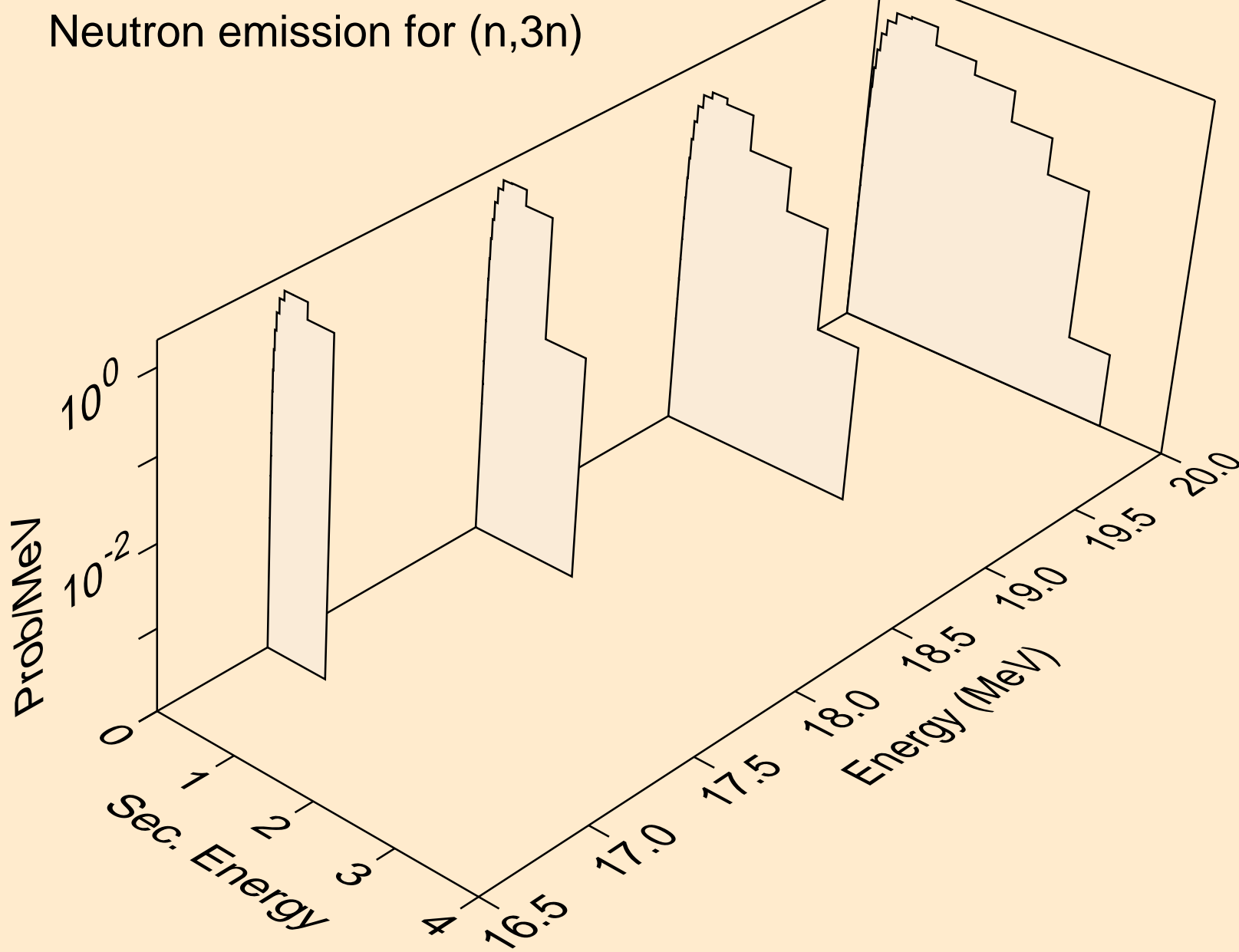




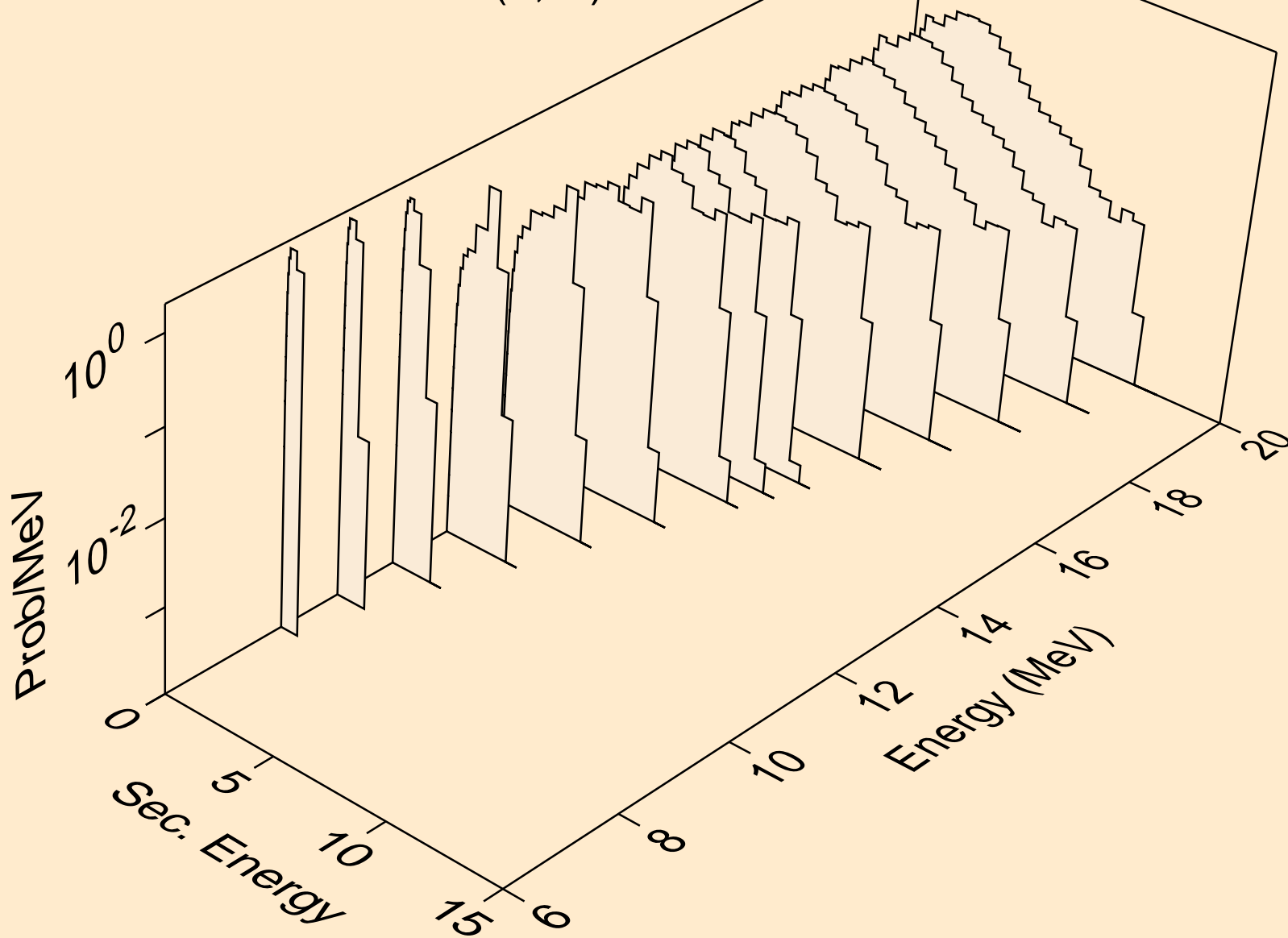
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,2n)



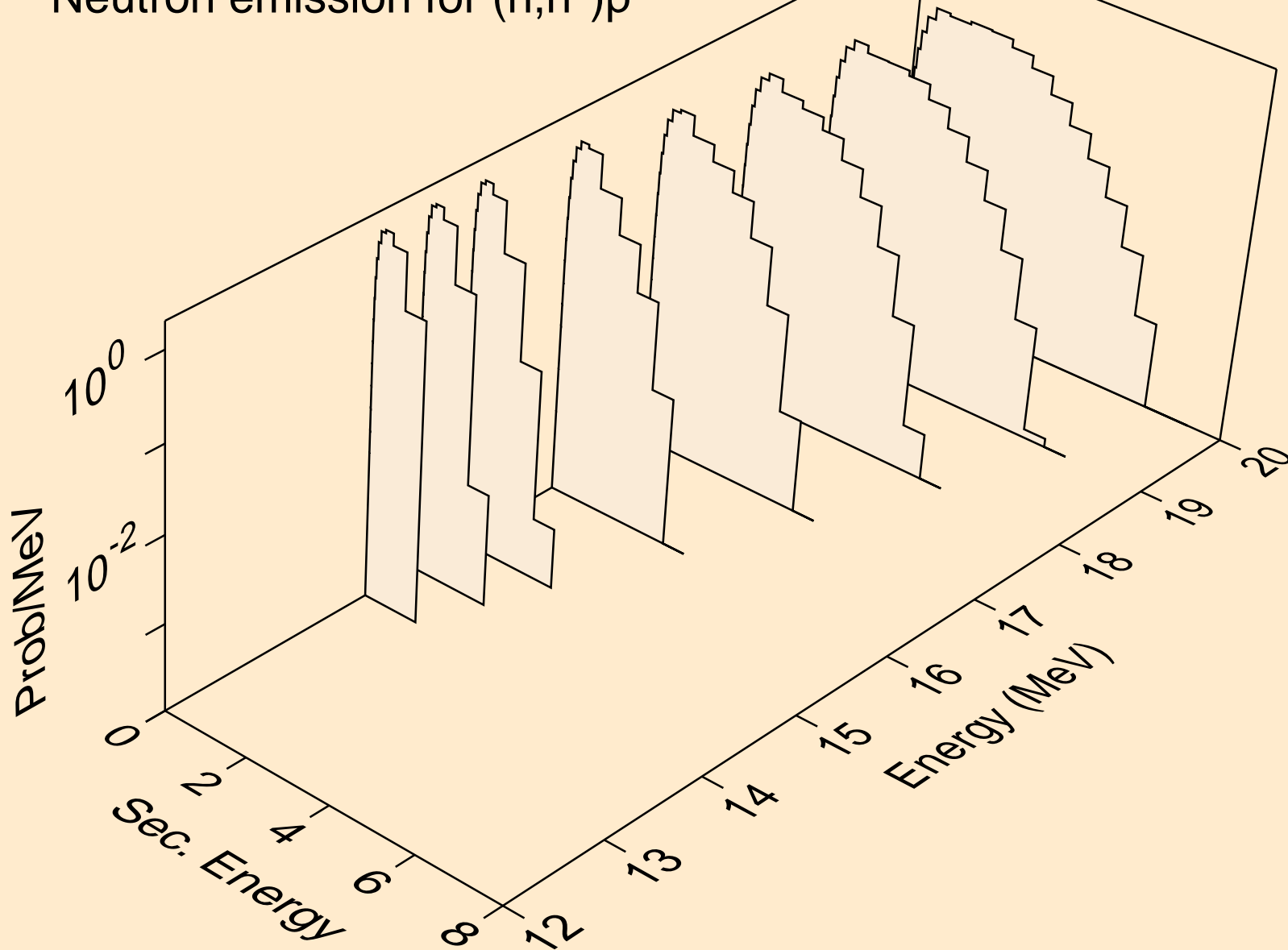
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,3n)



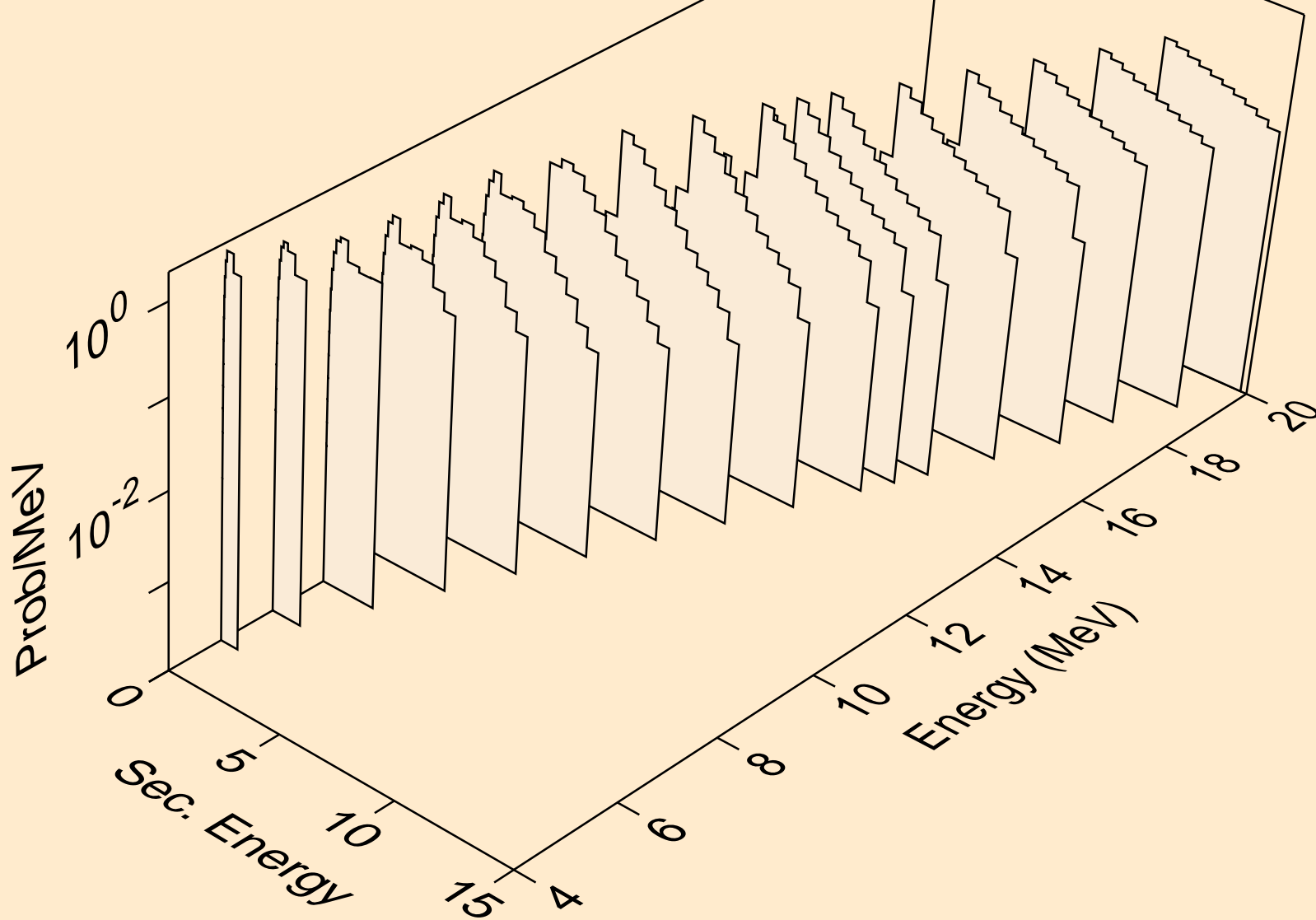
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,n\*)a



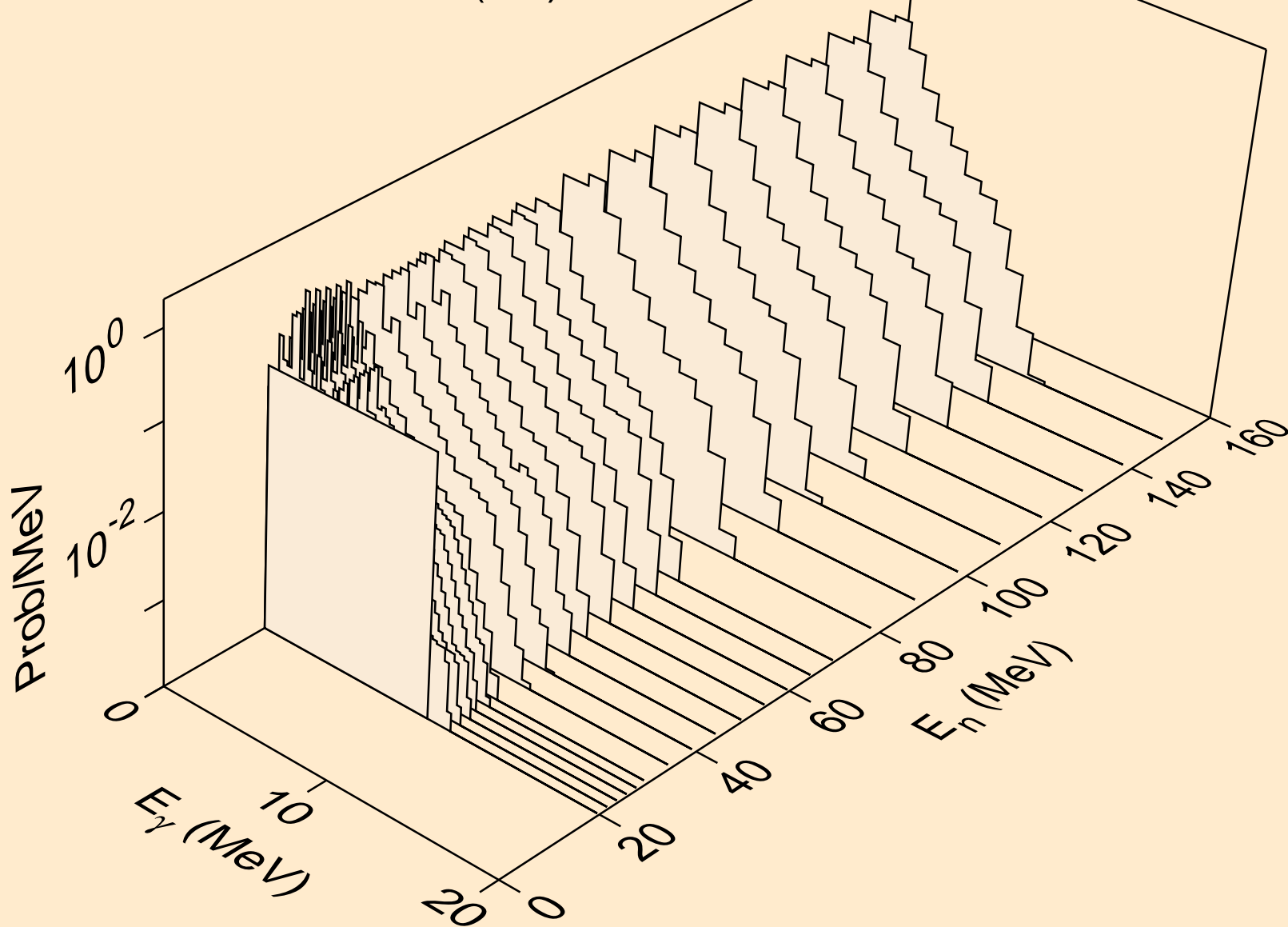
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,n\*)p



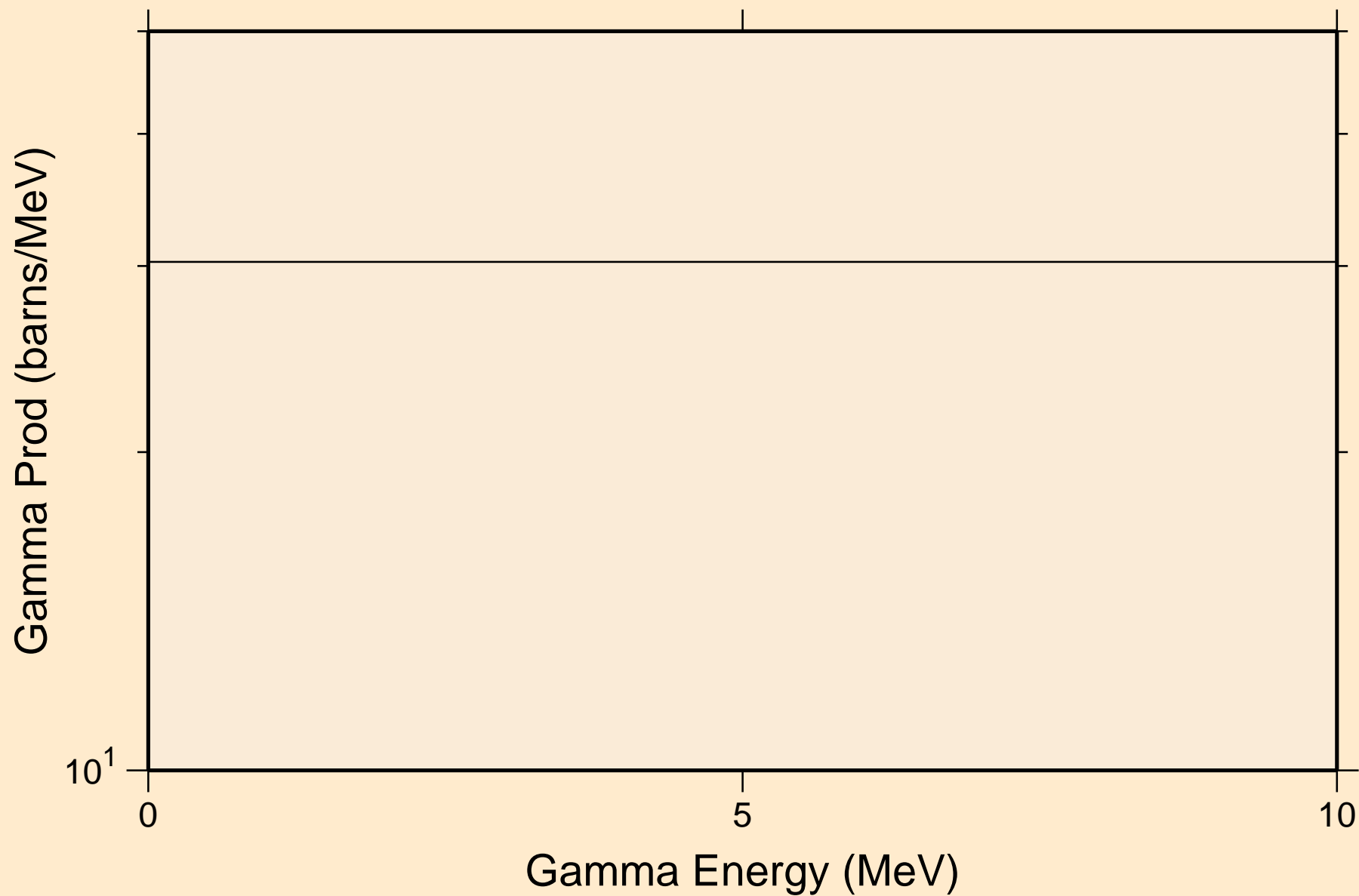
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Neutron emission for (n,n\*c)



18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Photon emission for (n,x)

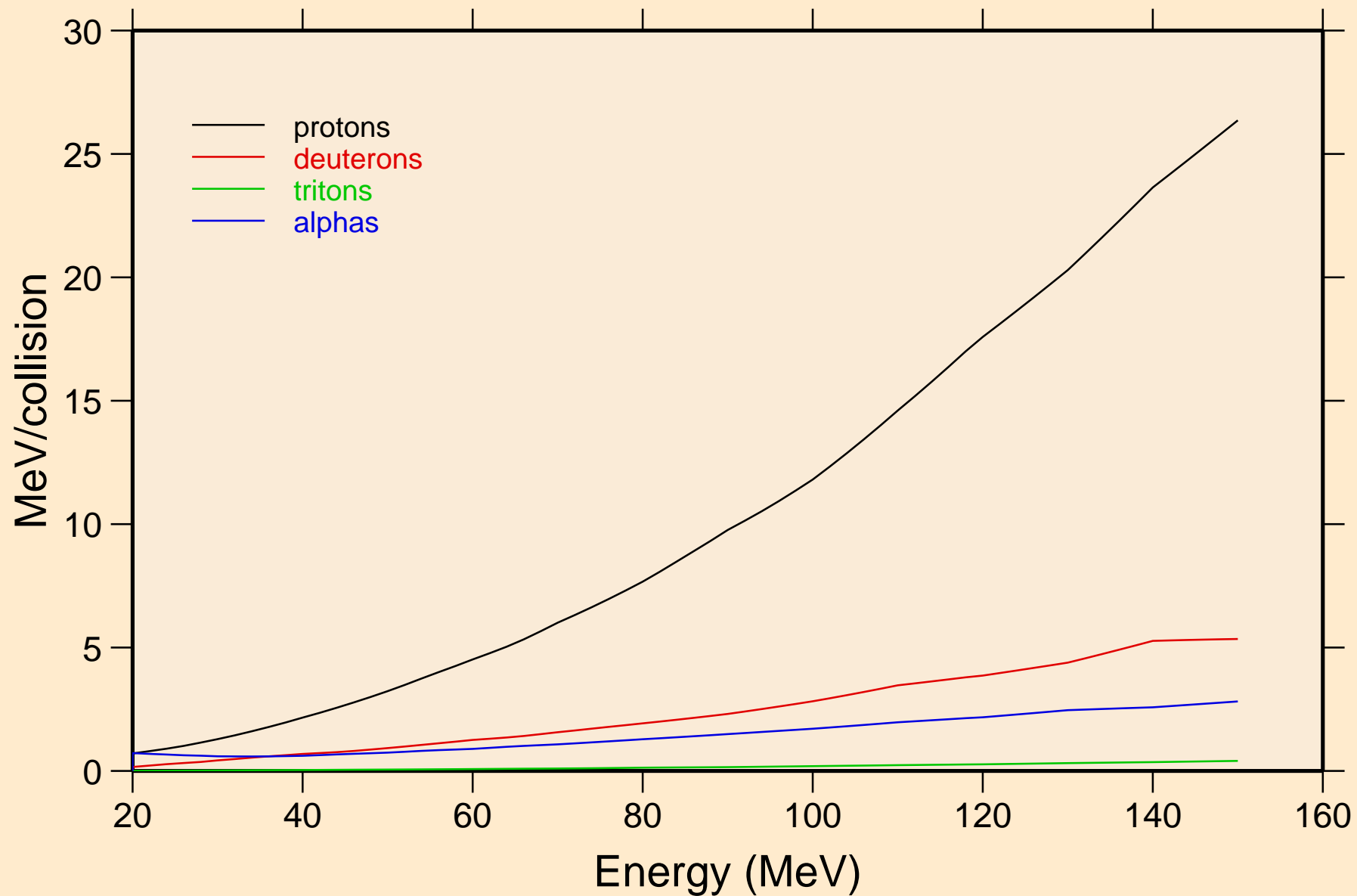


18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
14 MeV photon spectrum



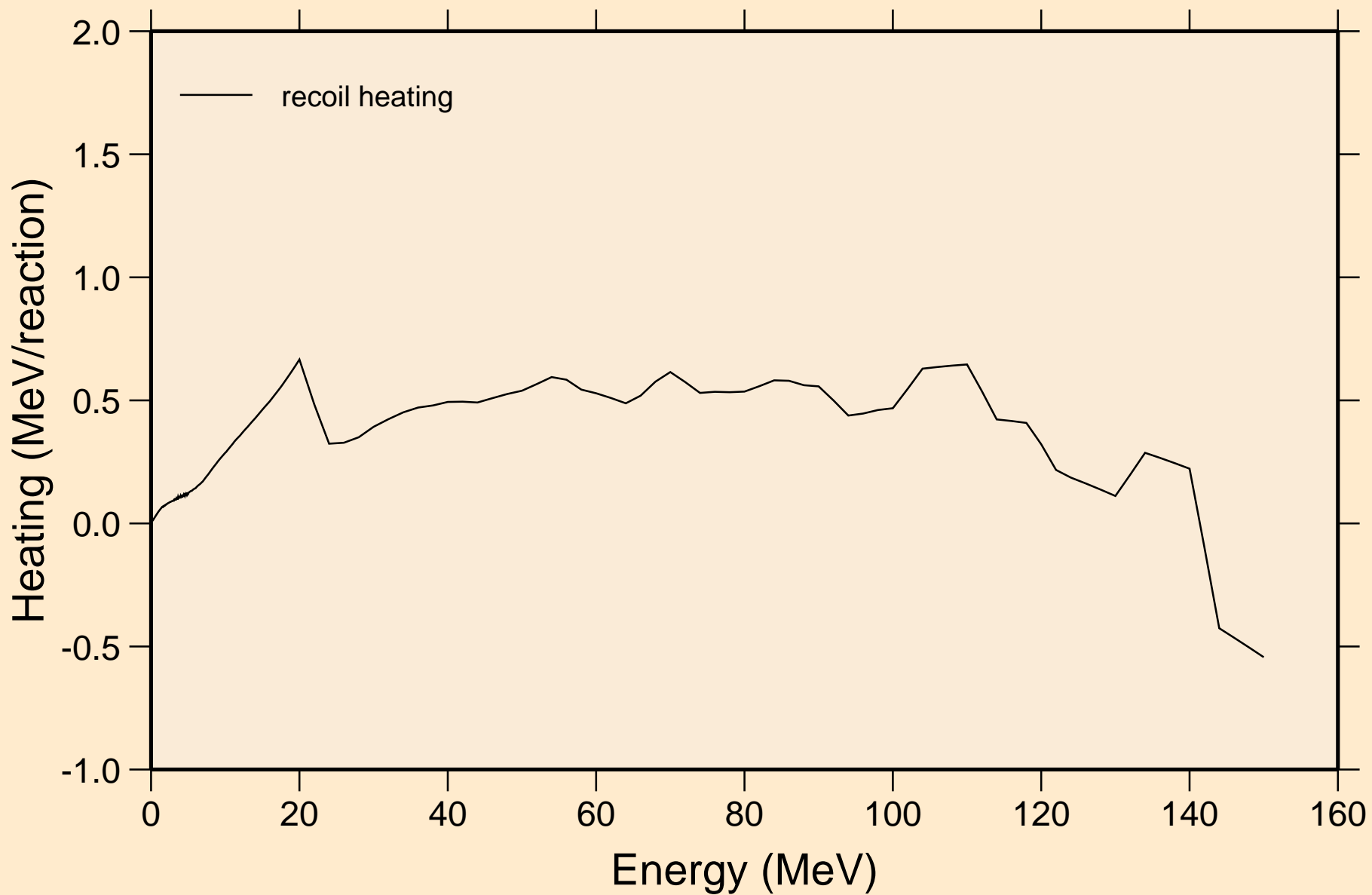
# 18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50

## Particle heating contributions

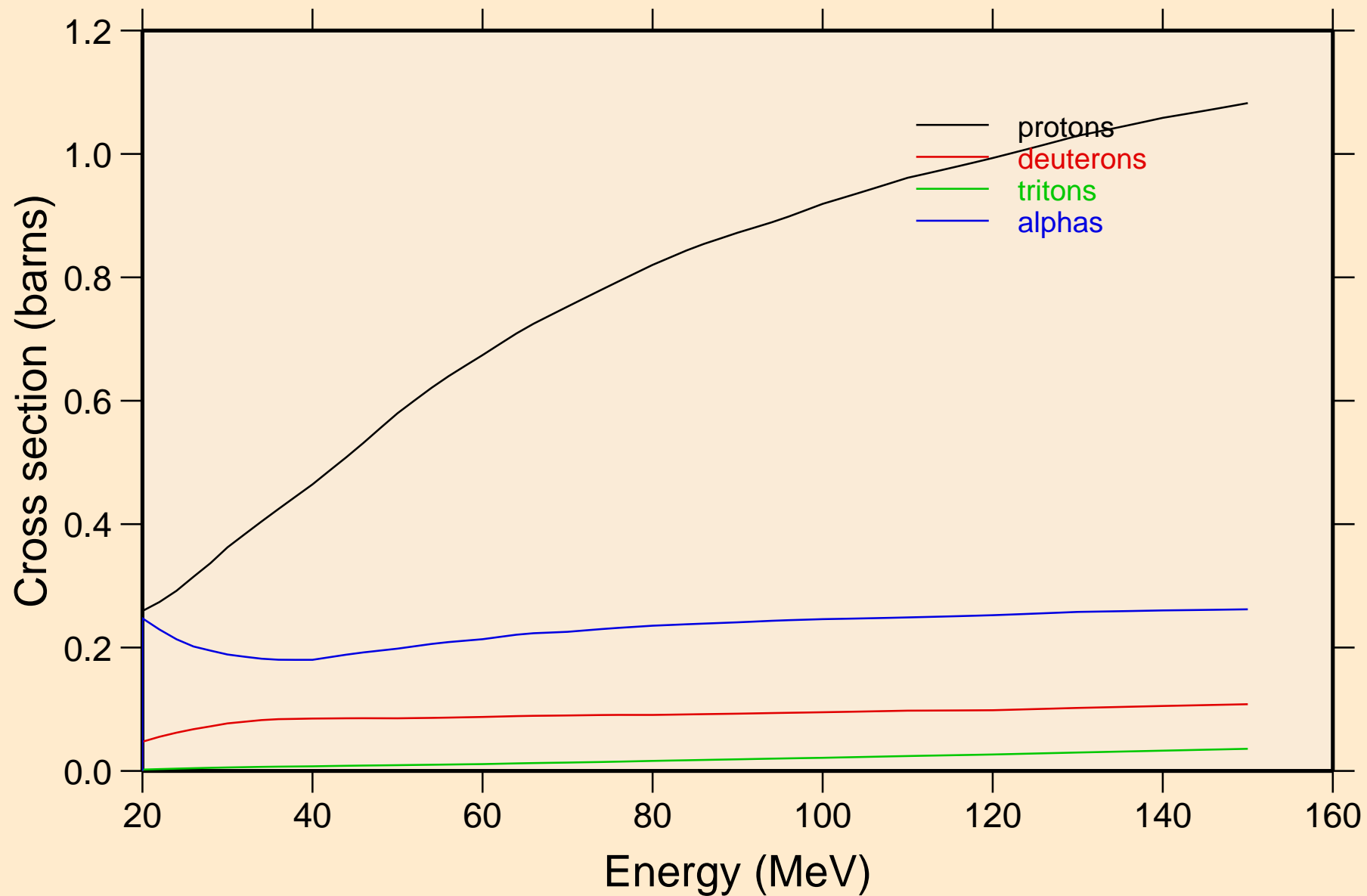




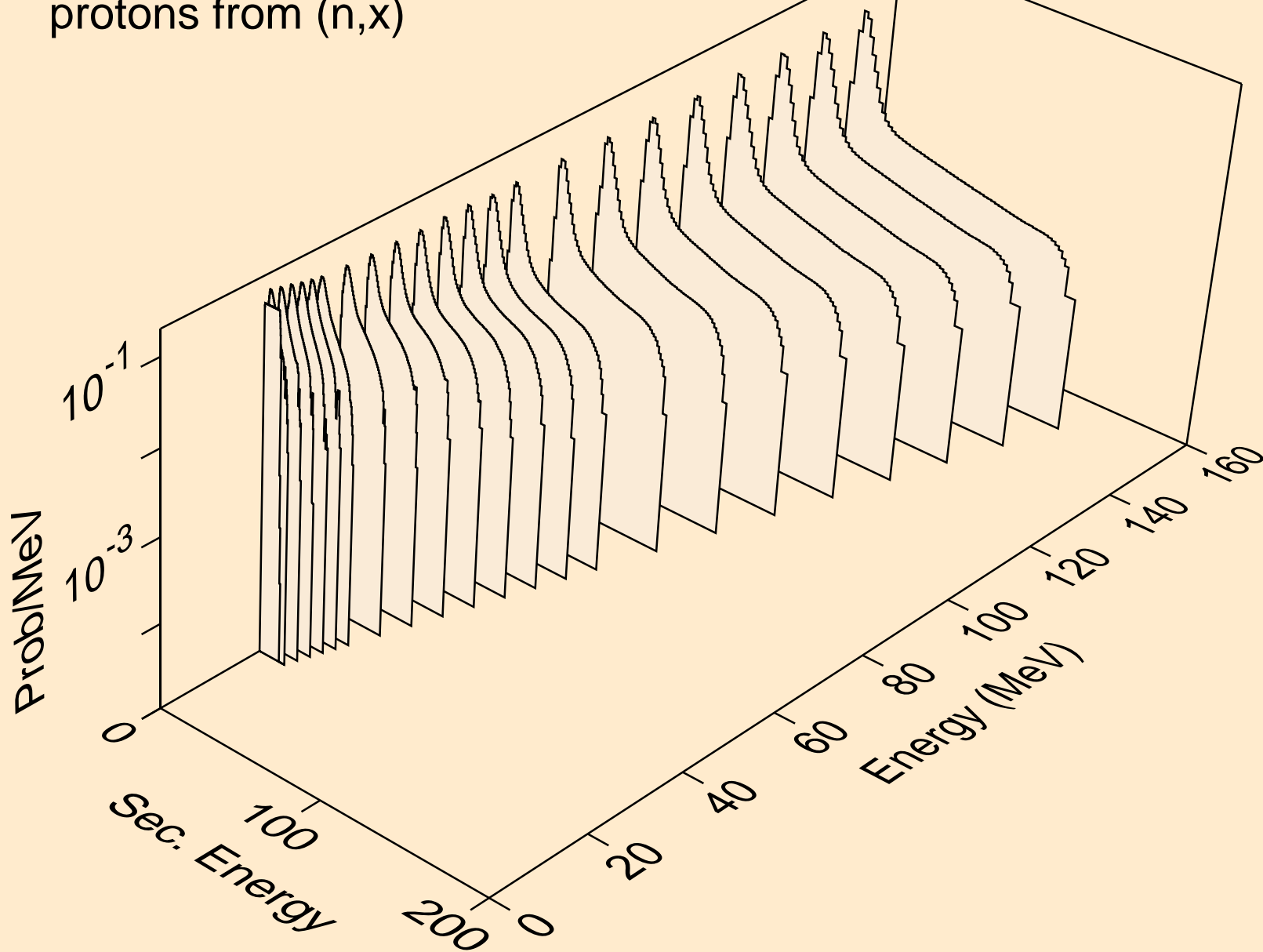
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Recoil Heating



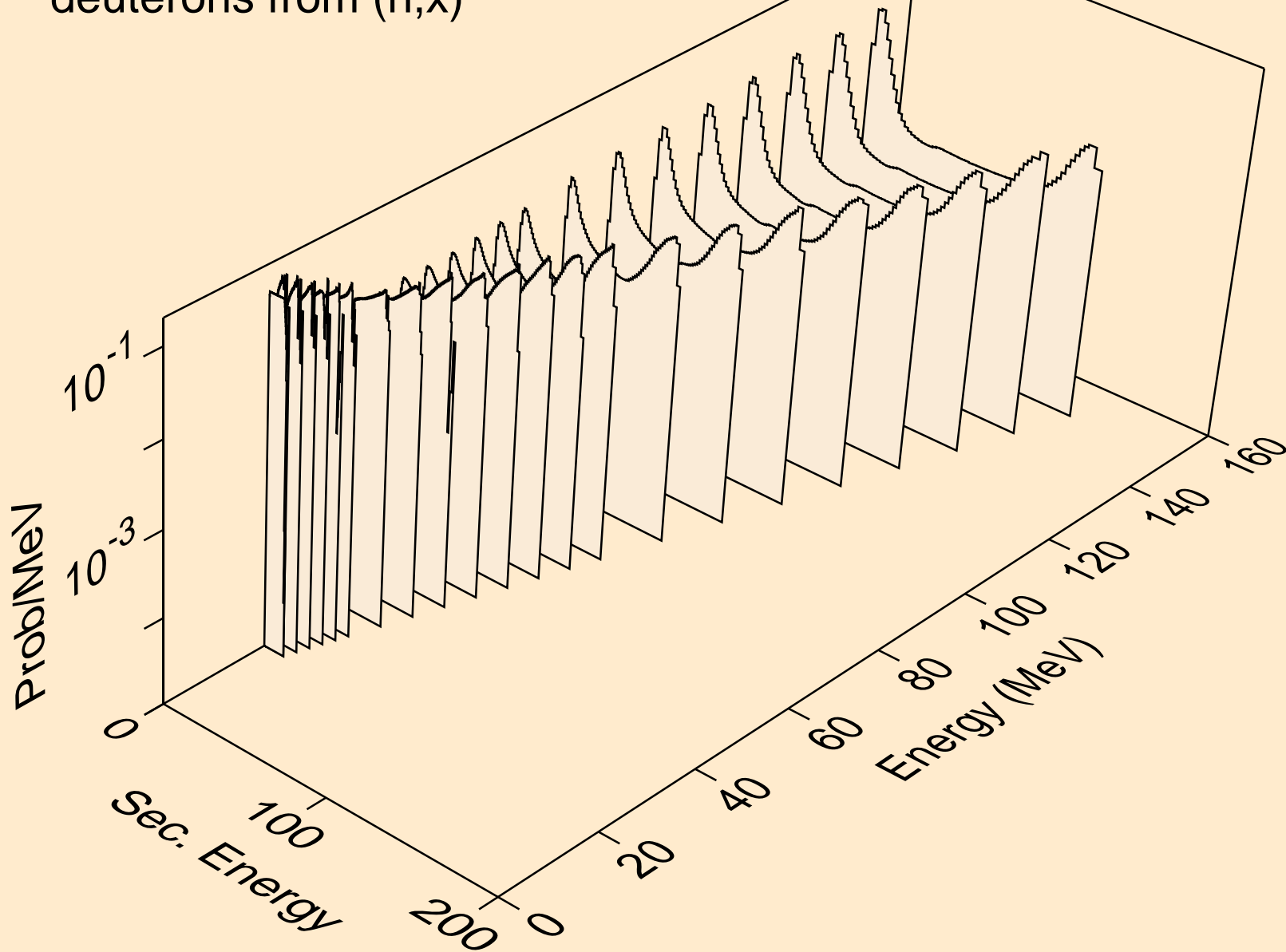
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
Particle production cross sections



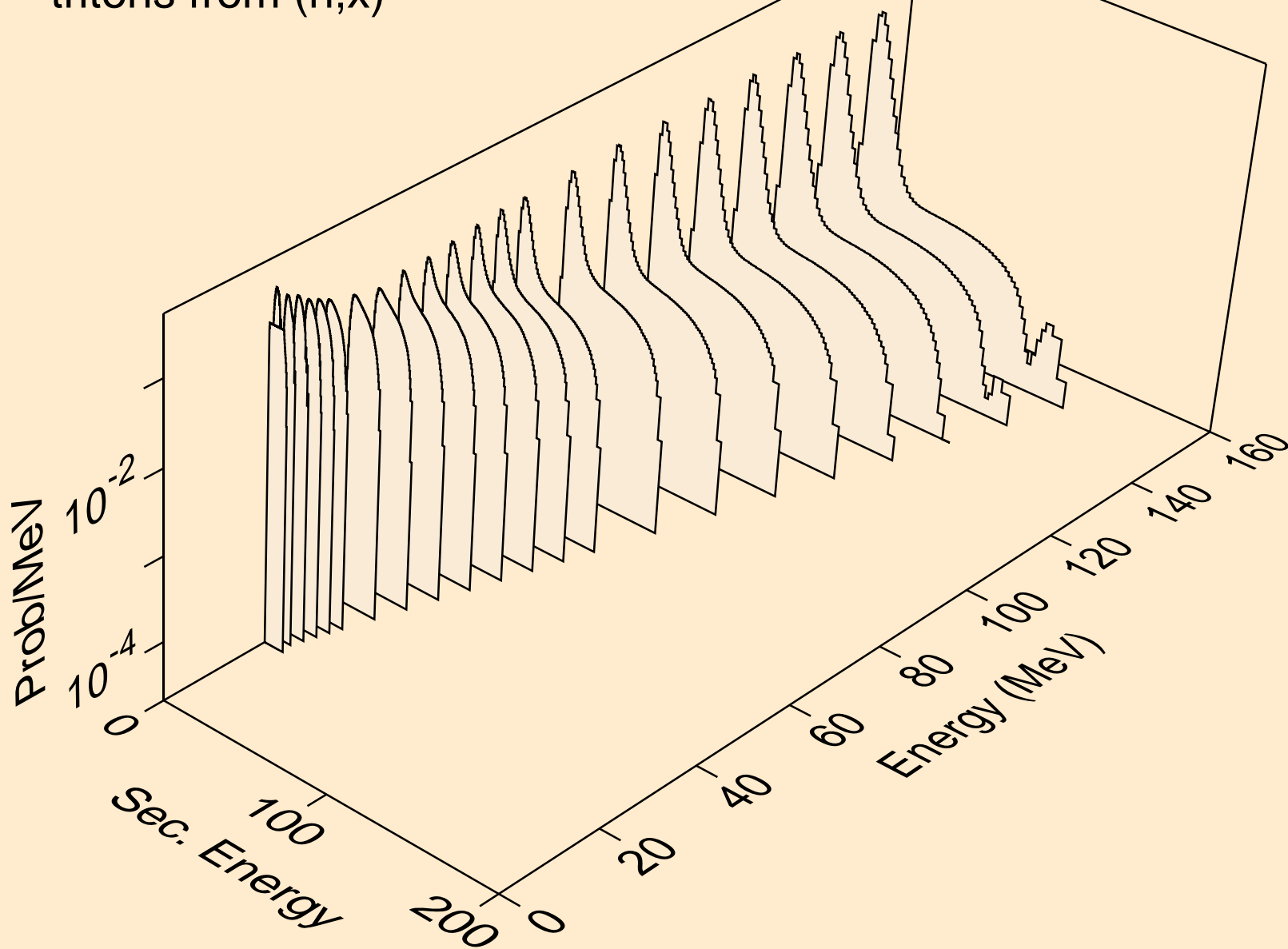
18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
protons from (n,x)



18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
deuterons from (n,x)



18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
tritons from (n,x)



18-AR-038 FOR FENDL-3.1 FROM FENDL-3.1 WITH NJOY2012.50  
alphas from (n,x)

