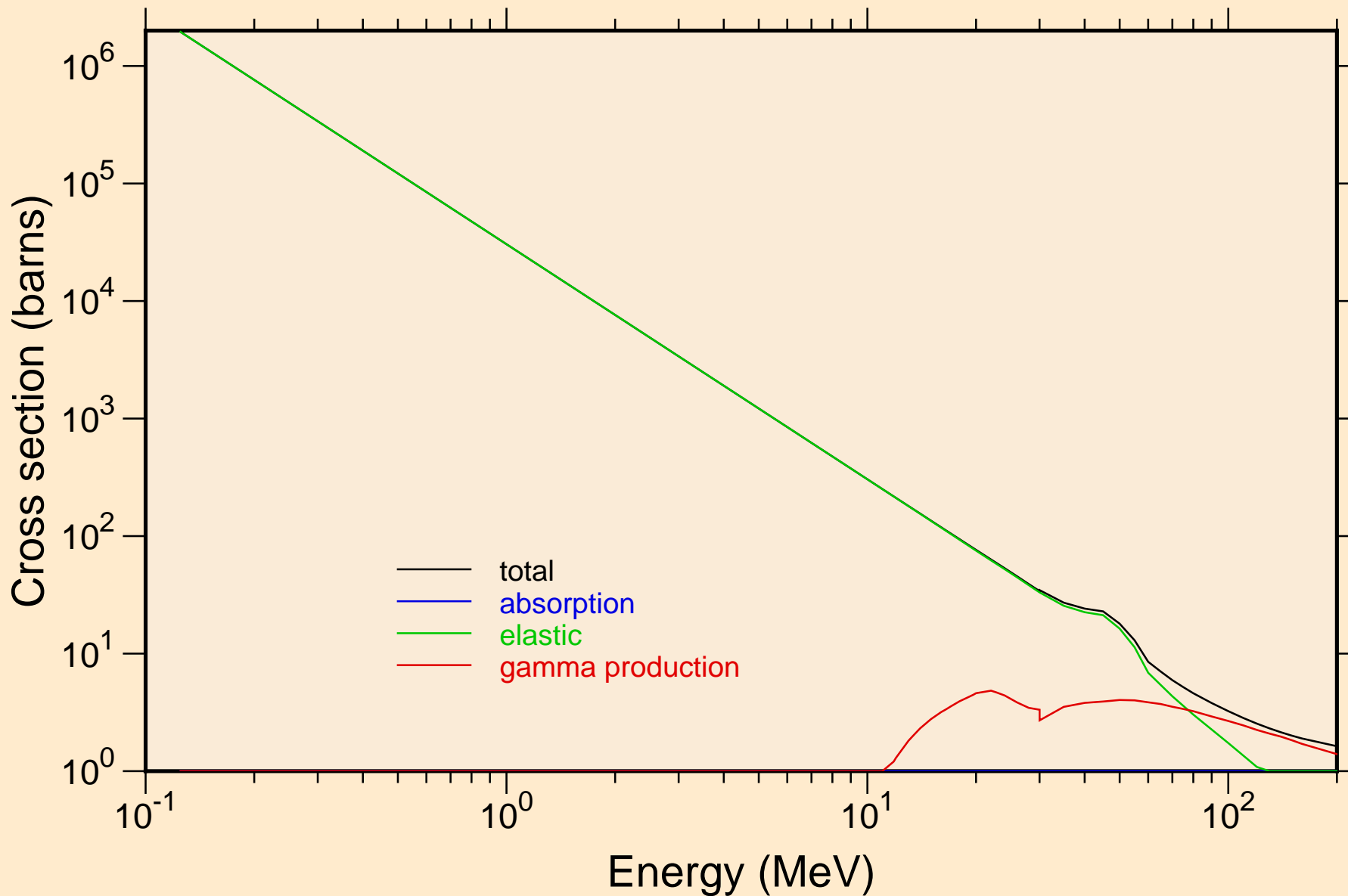


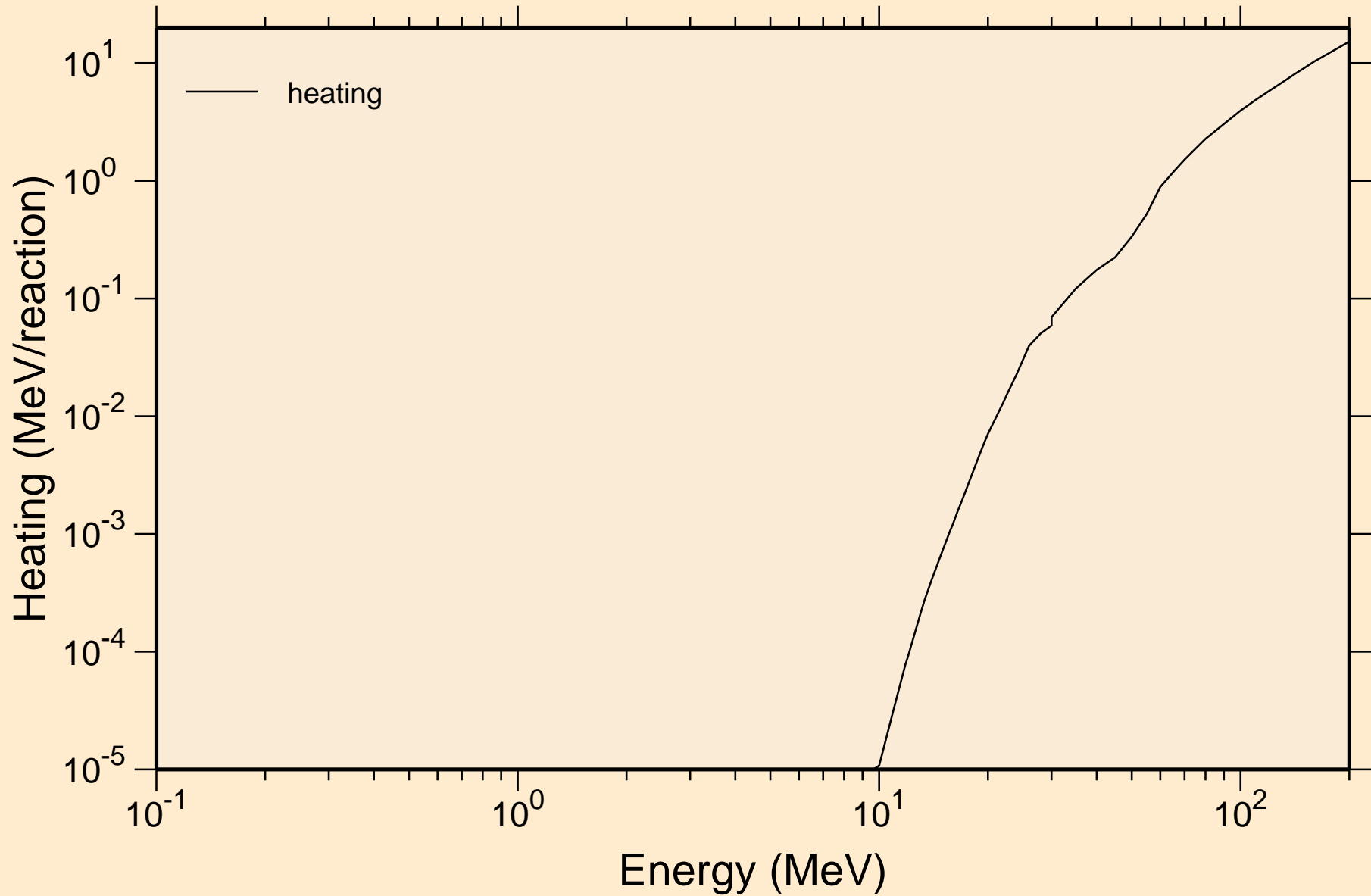
# YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



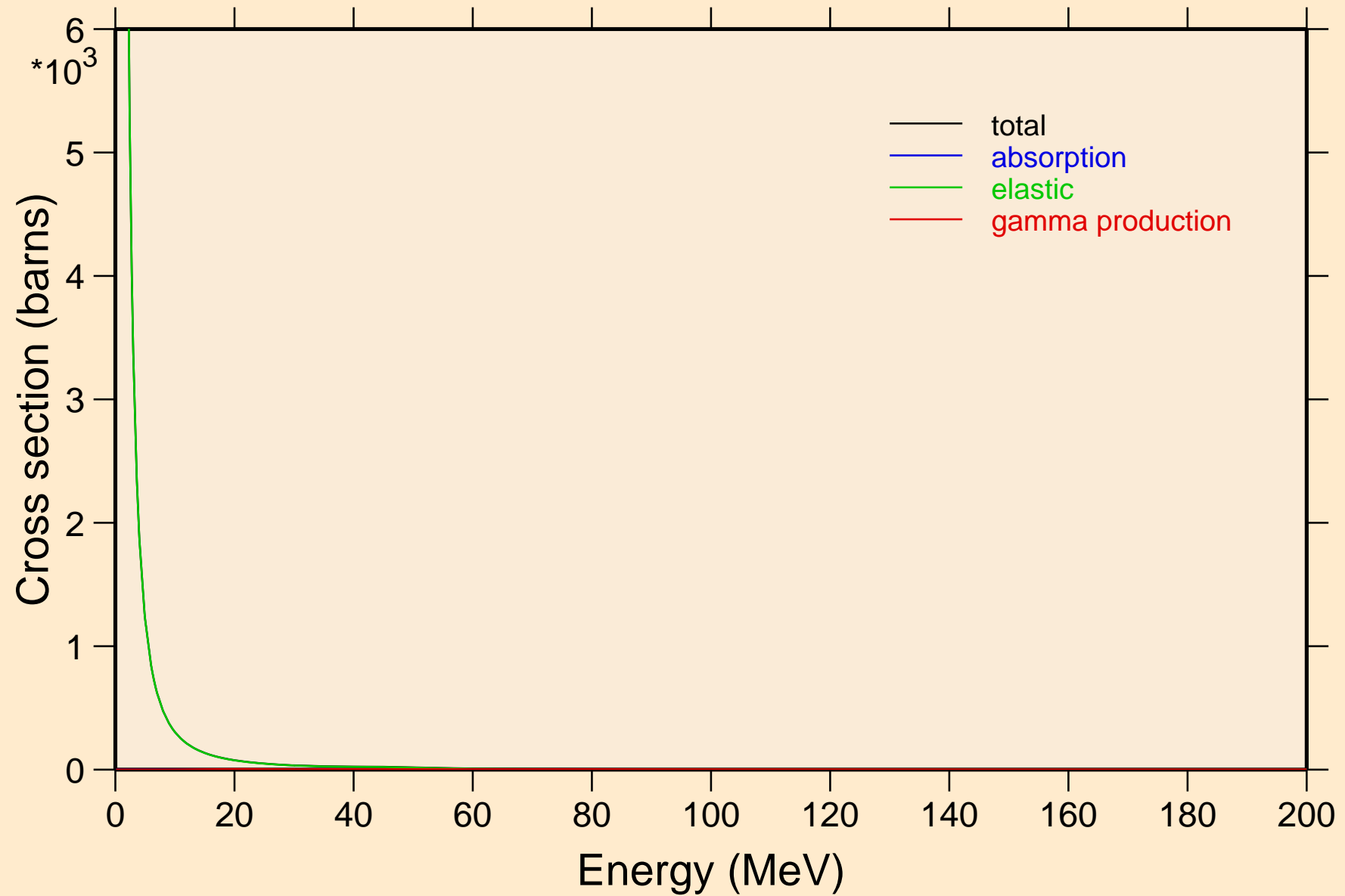
# YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



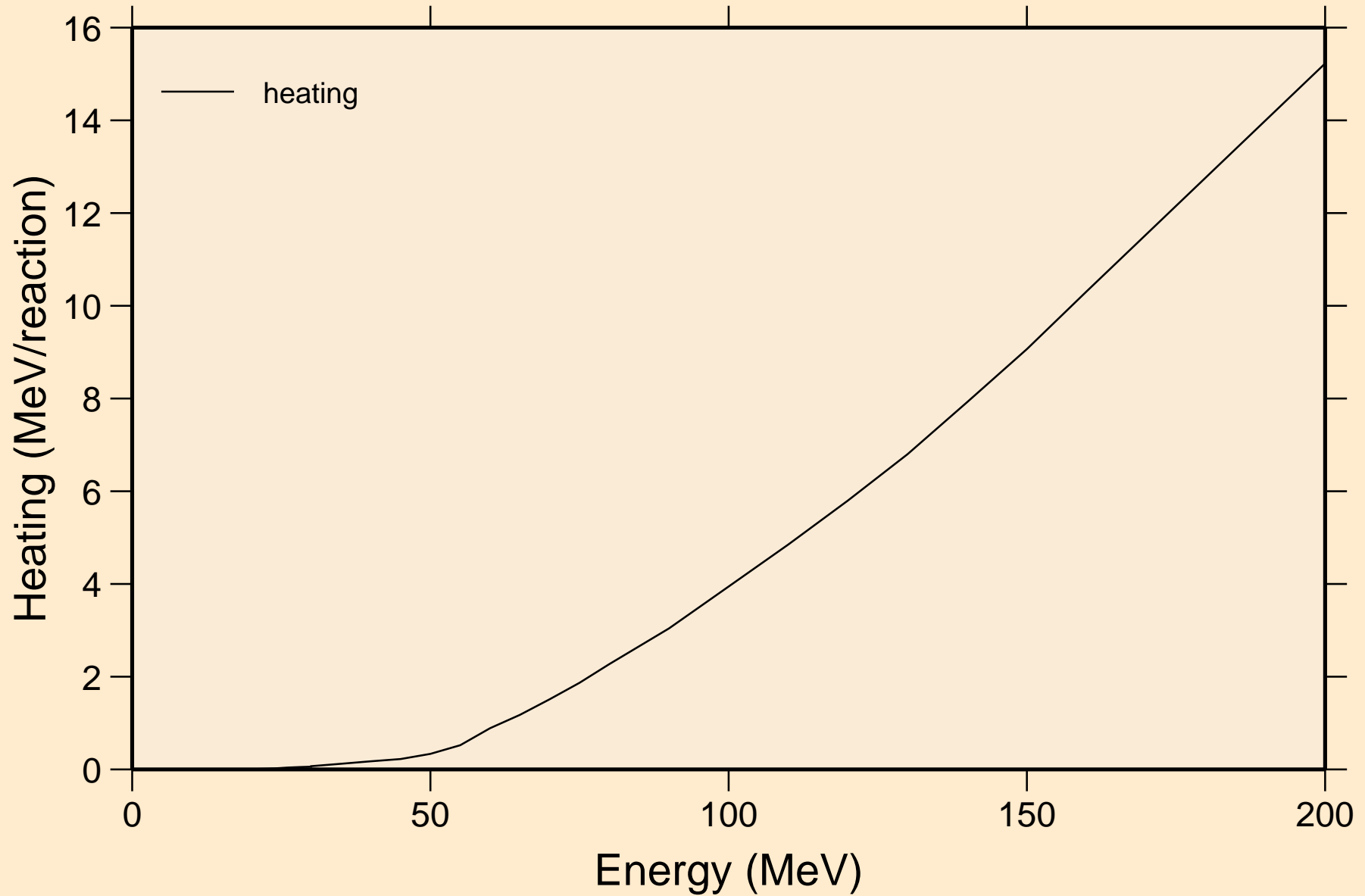
# YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



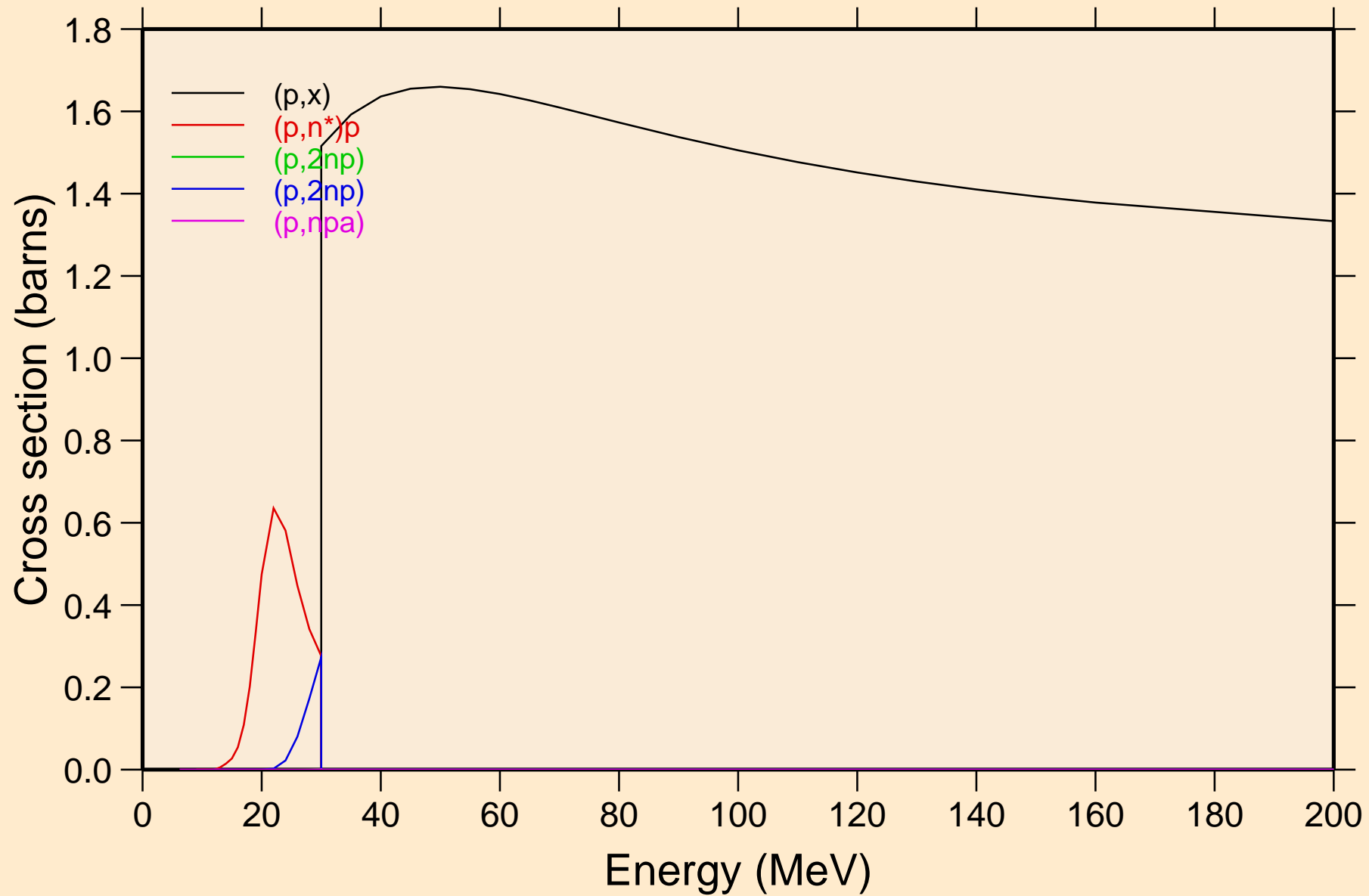
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating

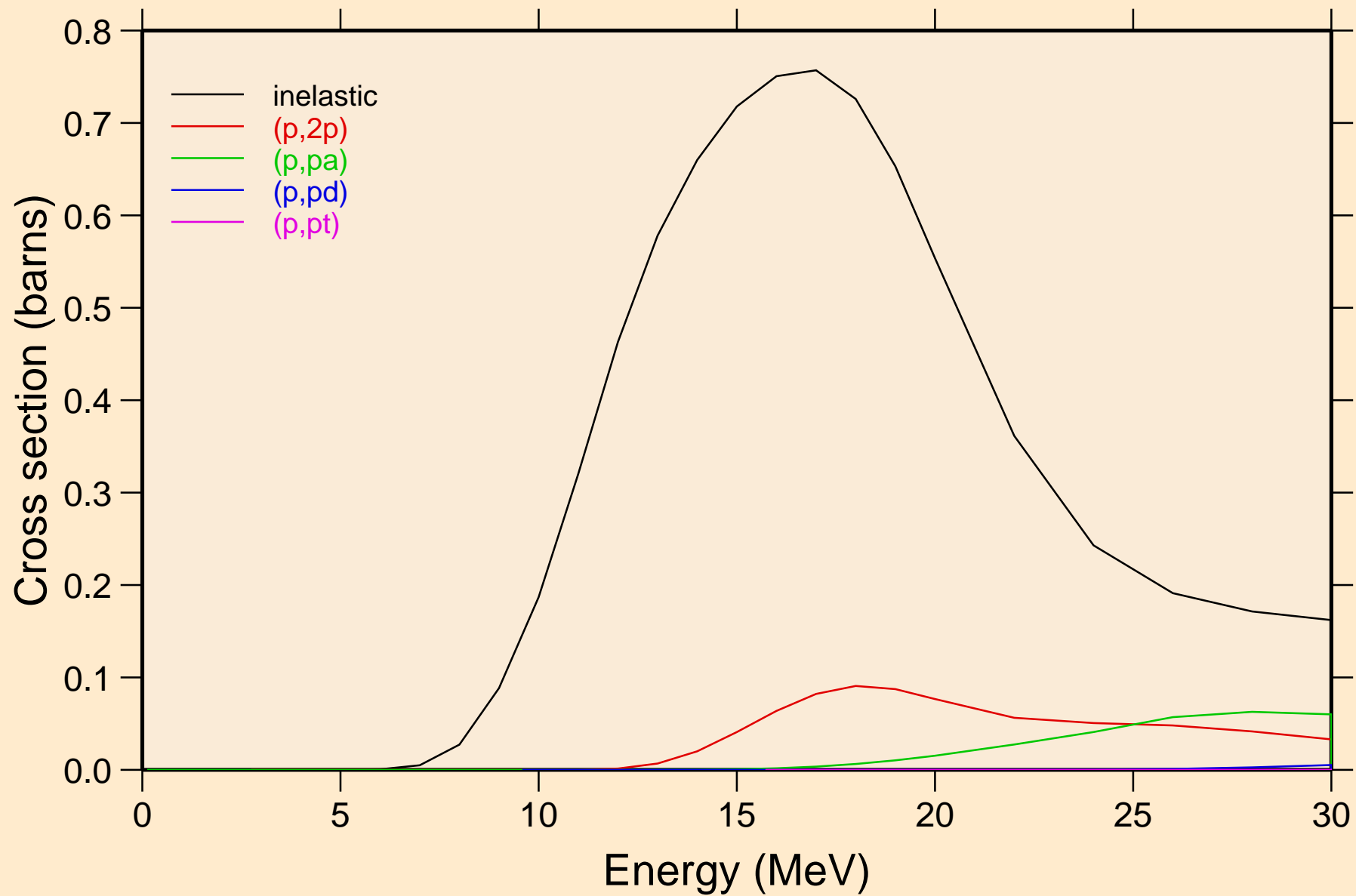


# YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K

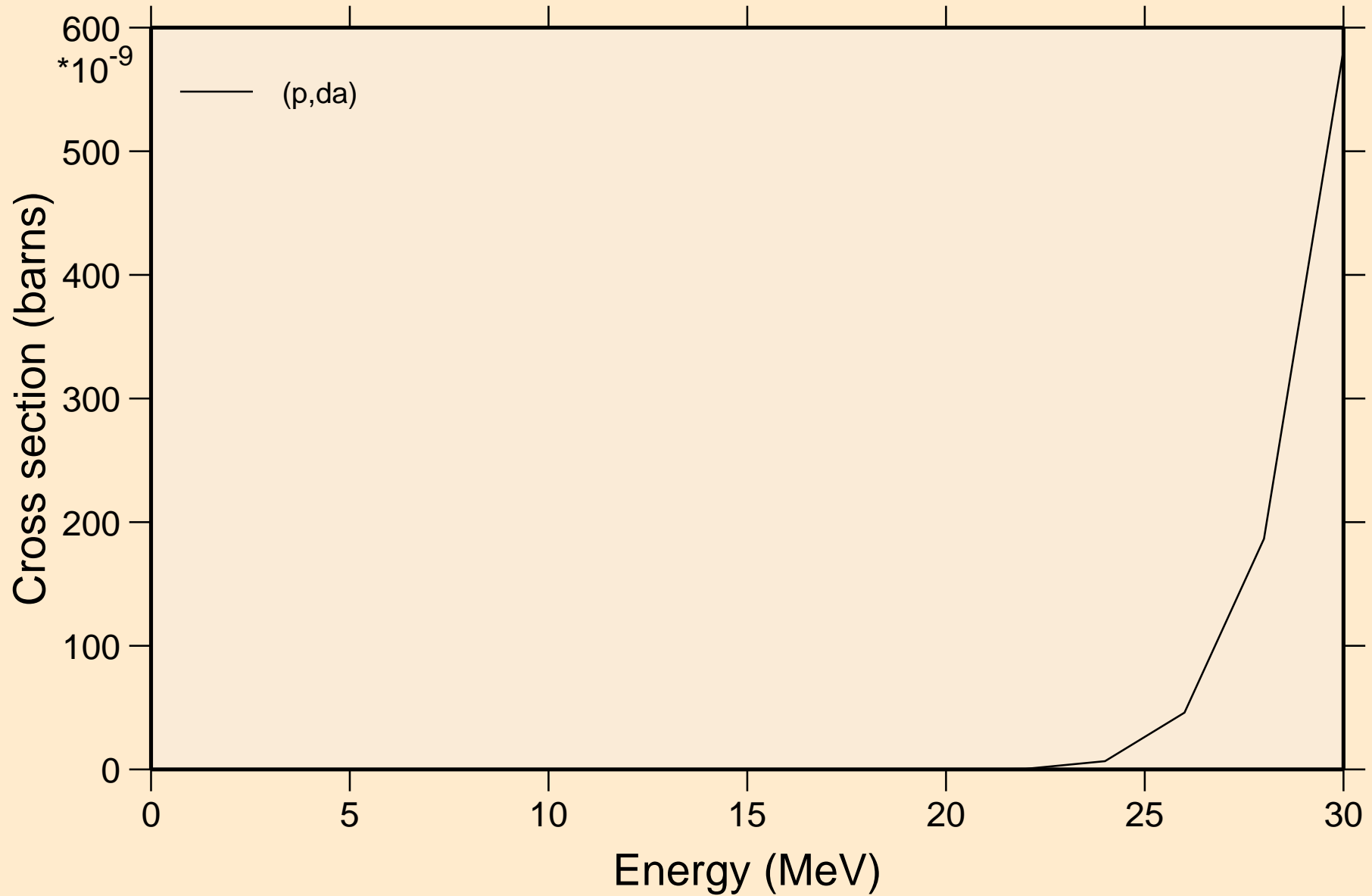
## Threshold reactions



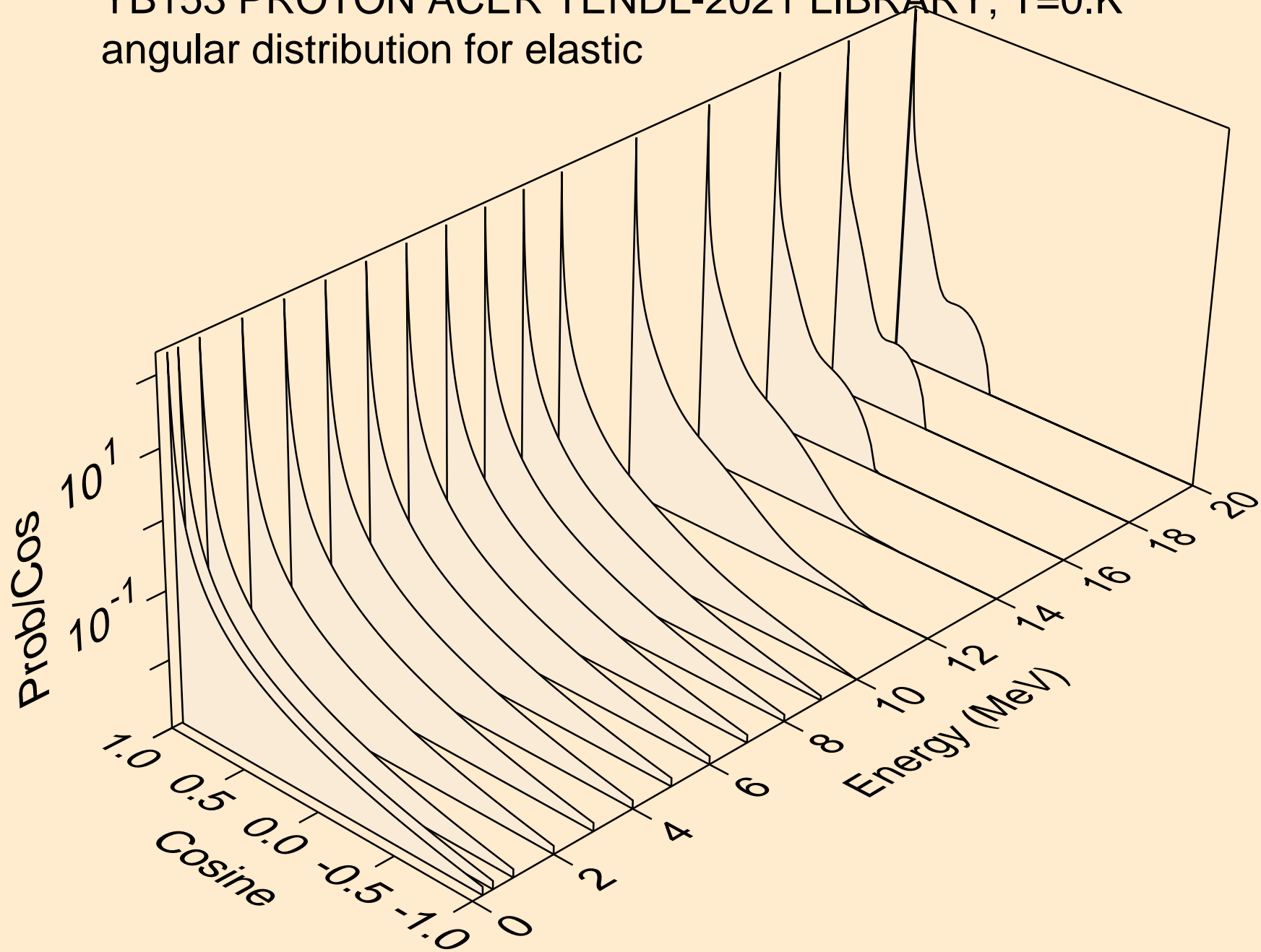
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

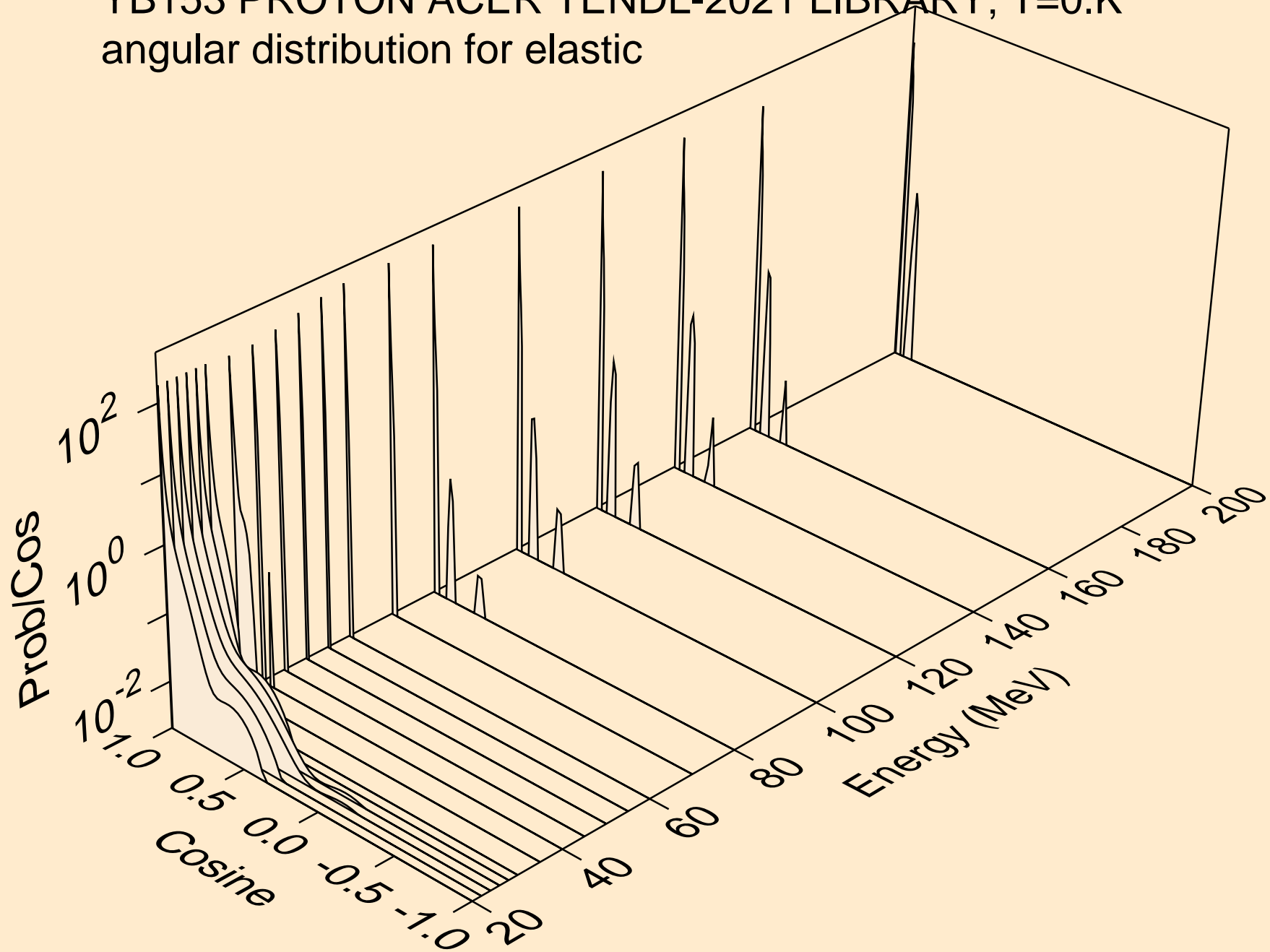


YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

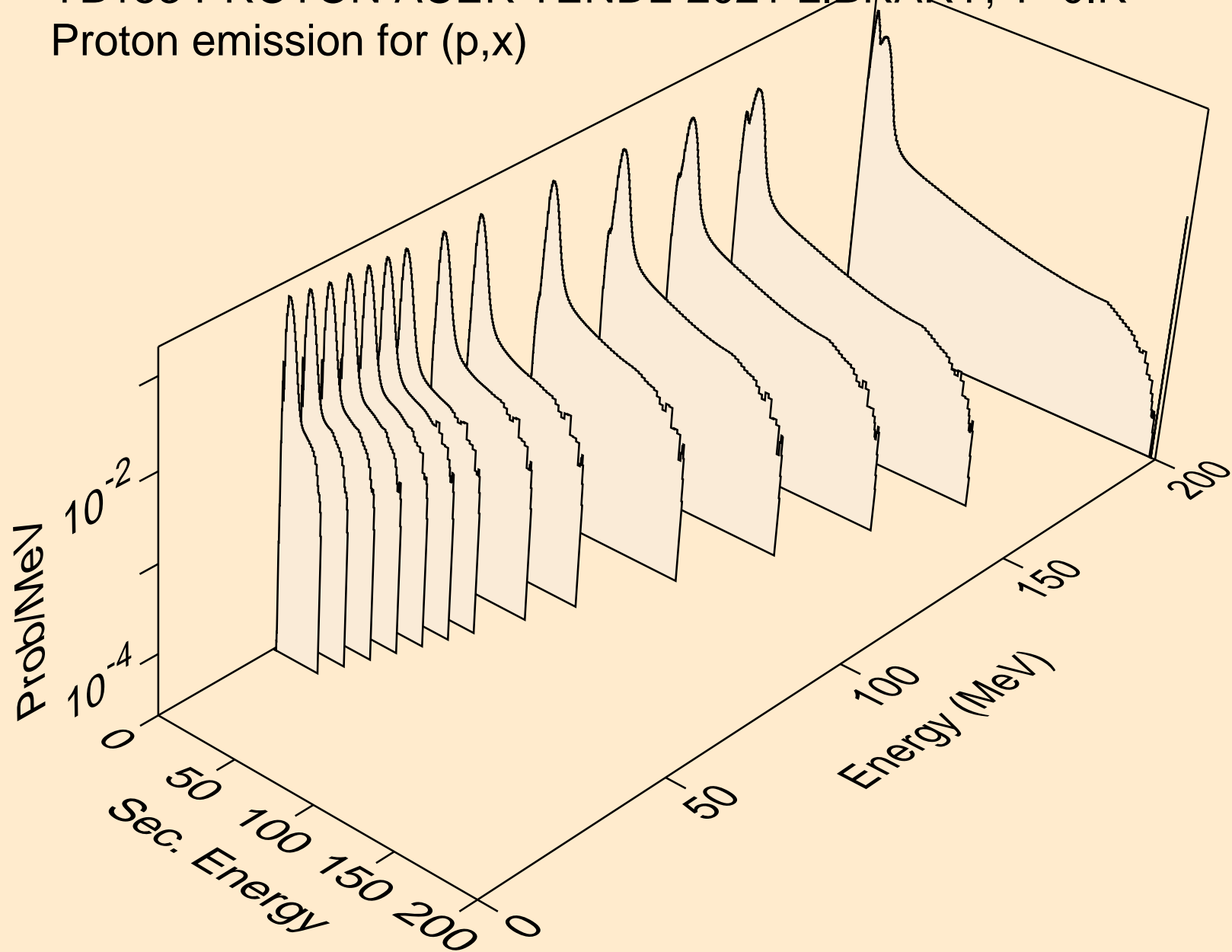




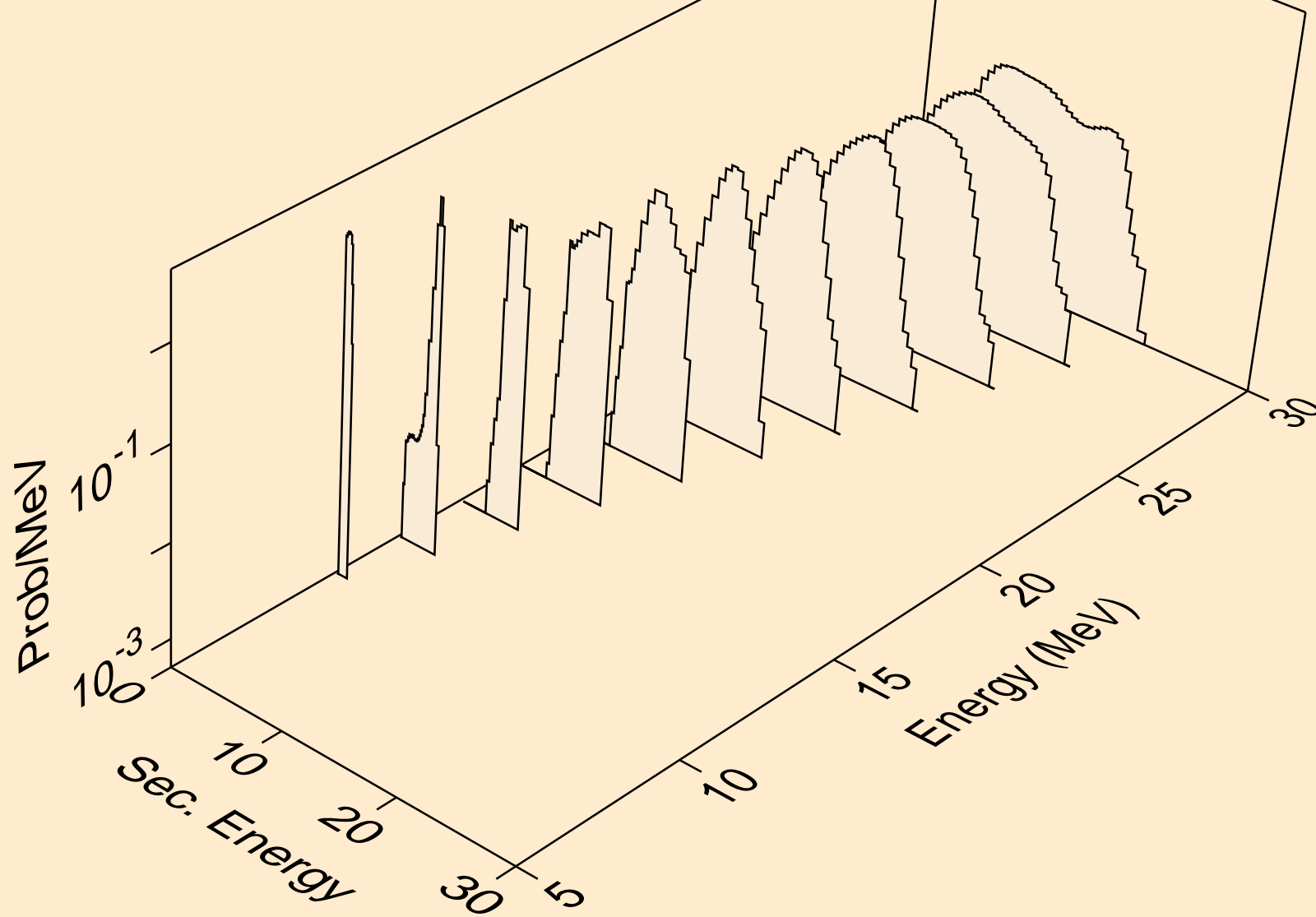
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



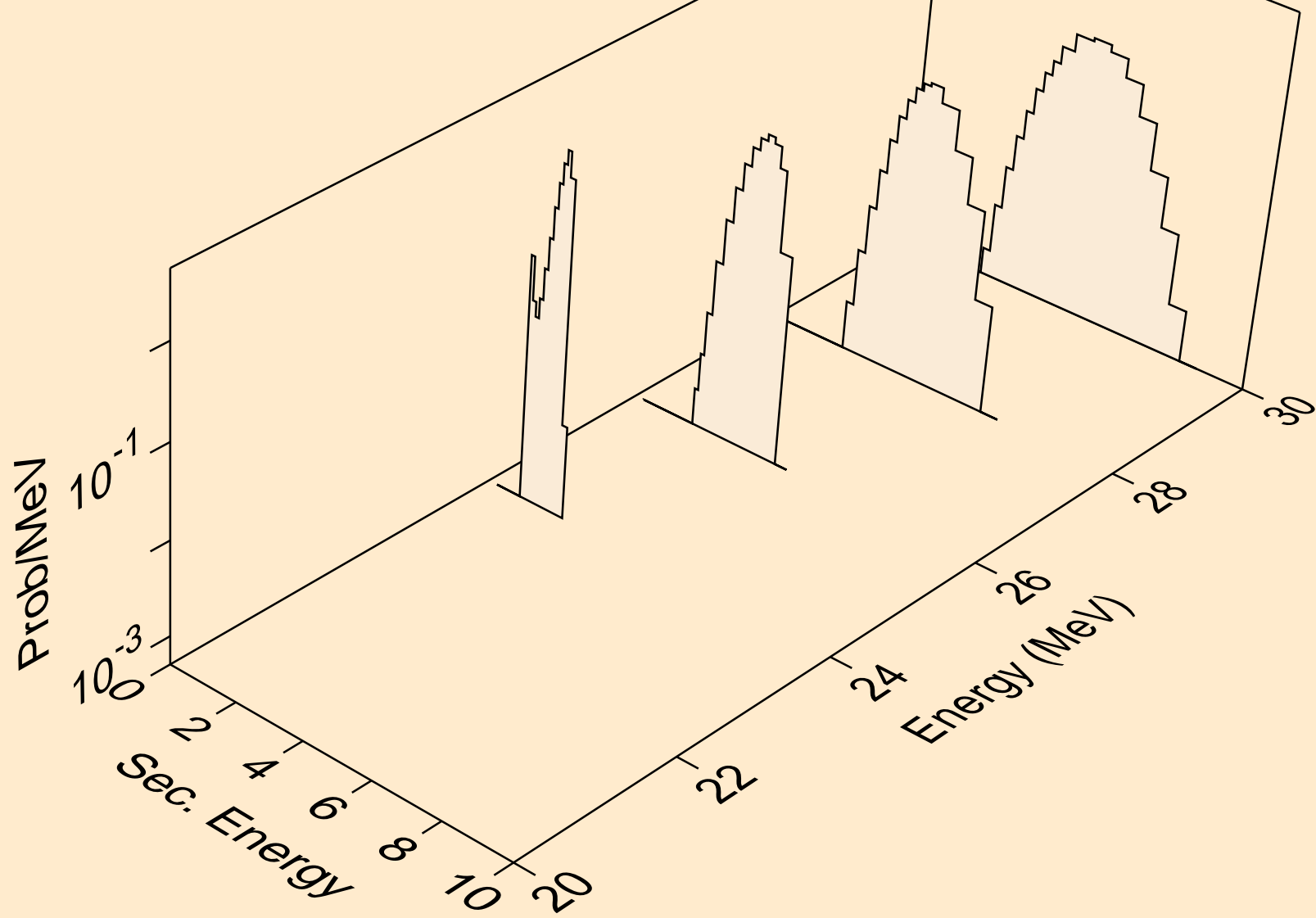
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



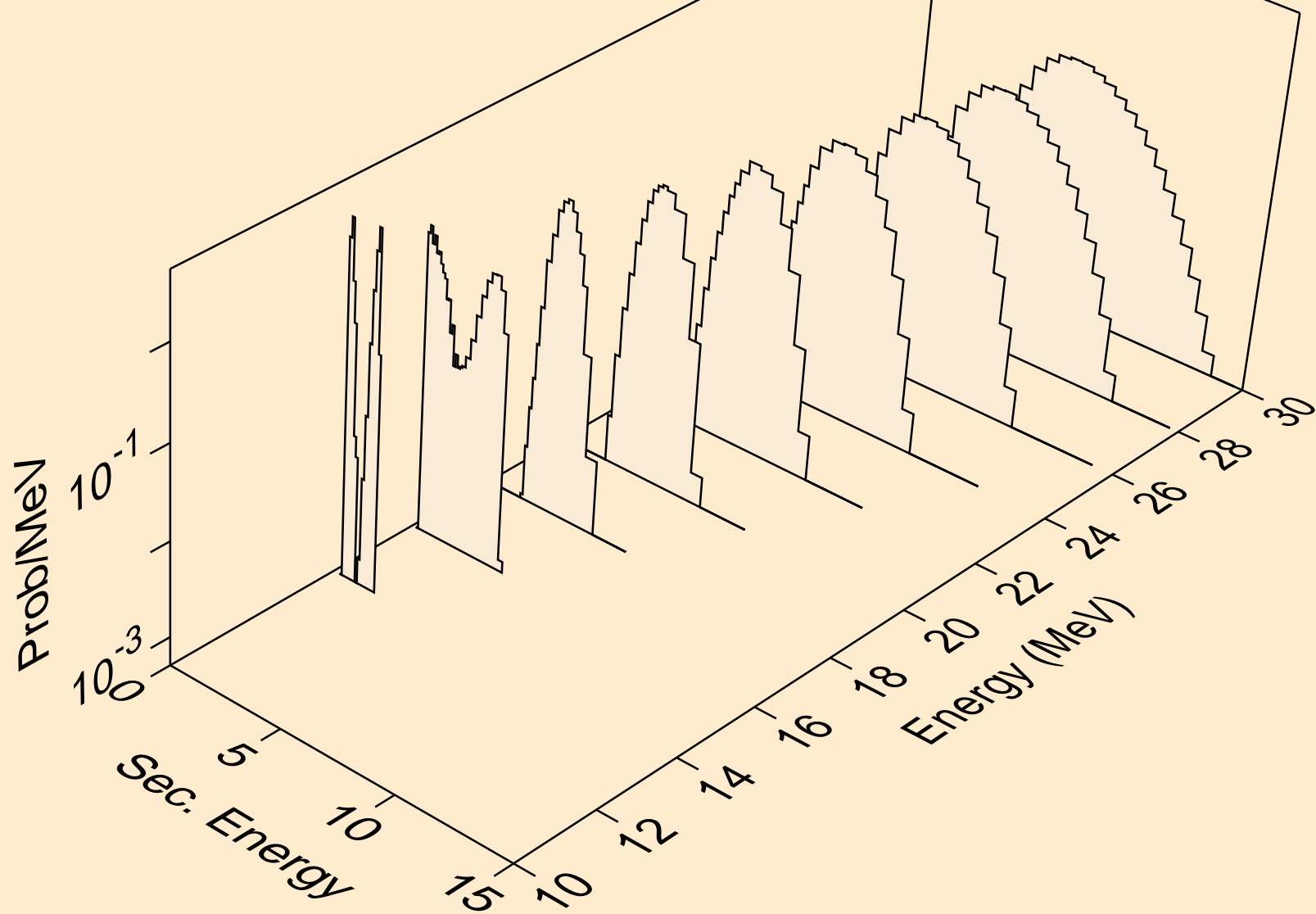
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



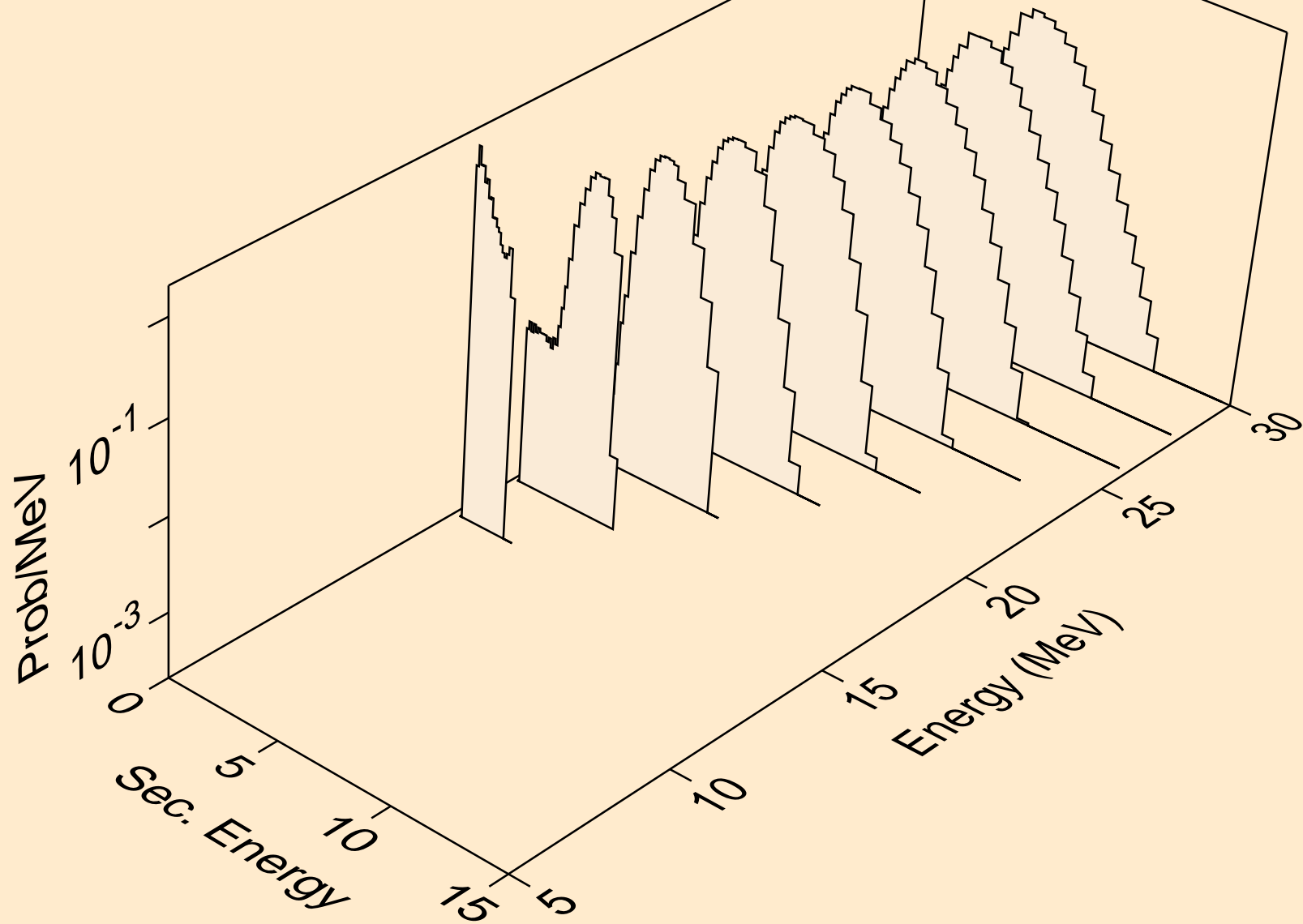
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



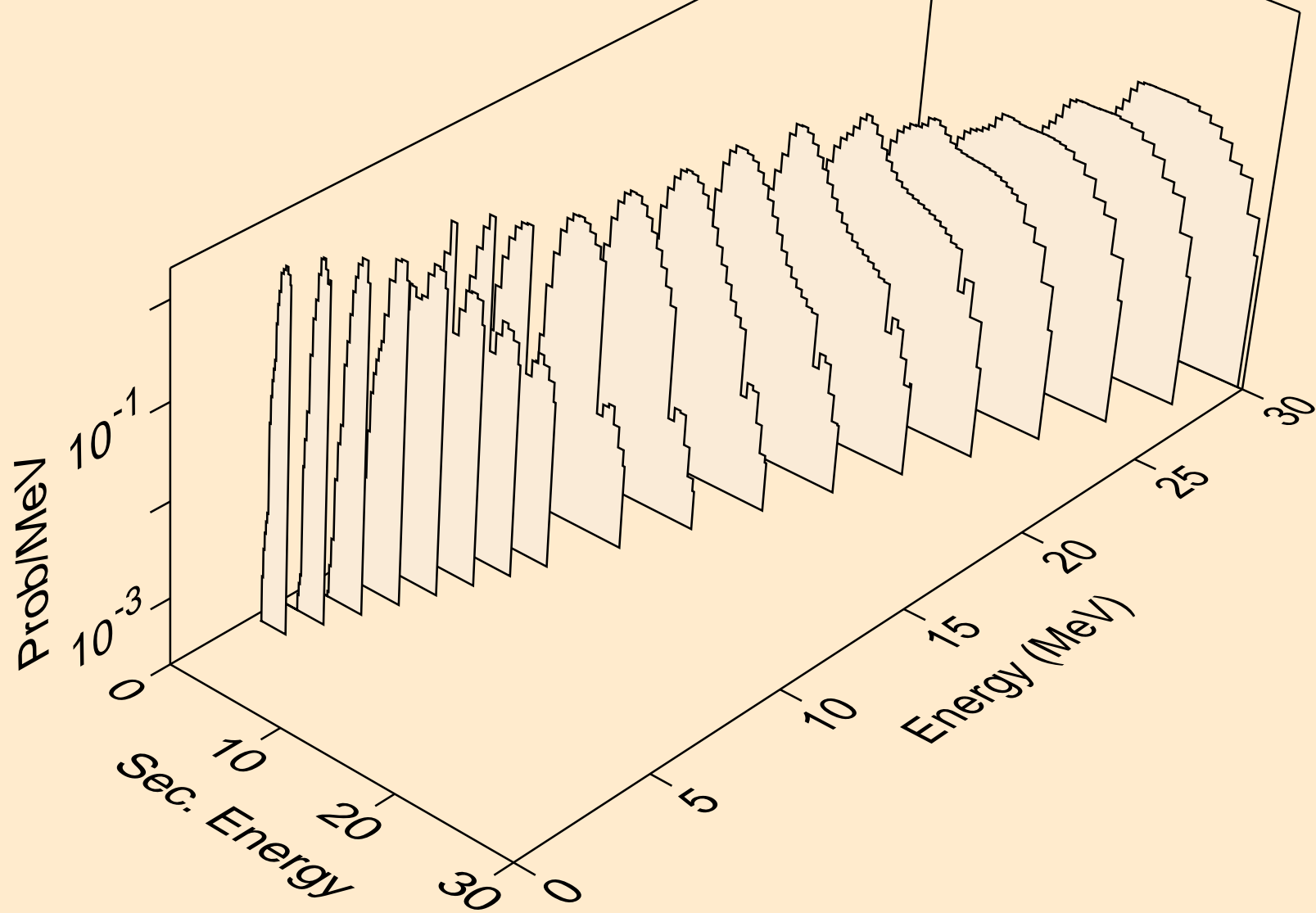
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



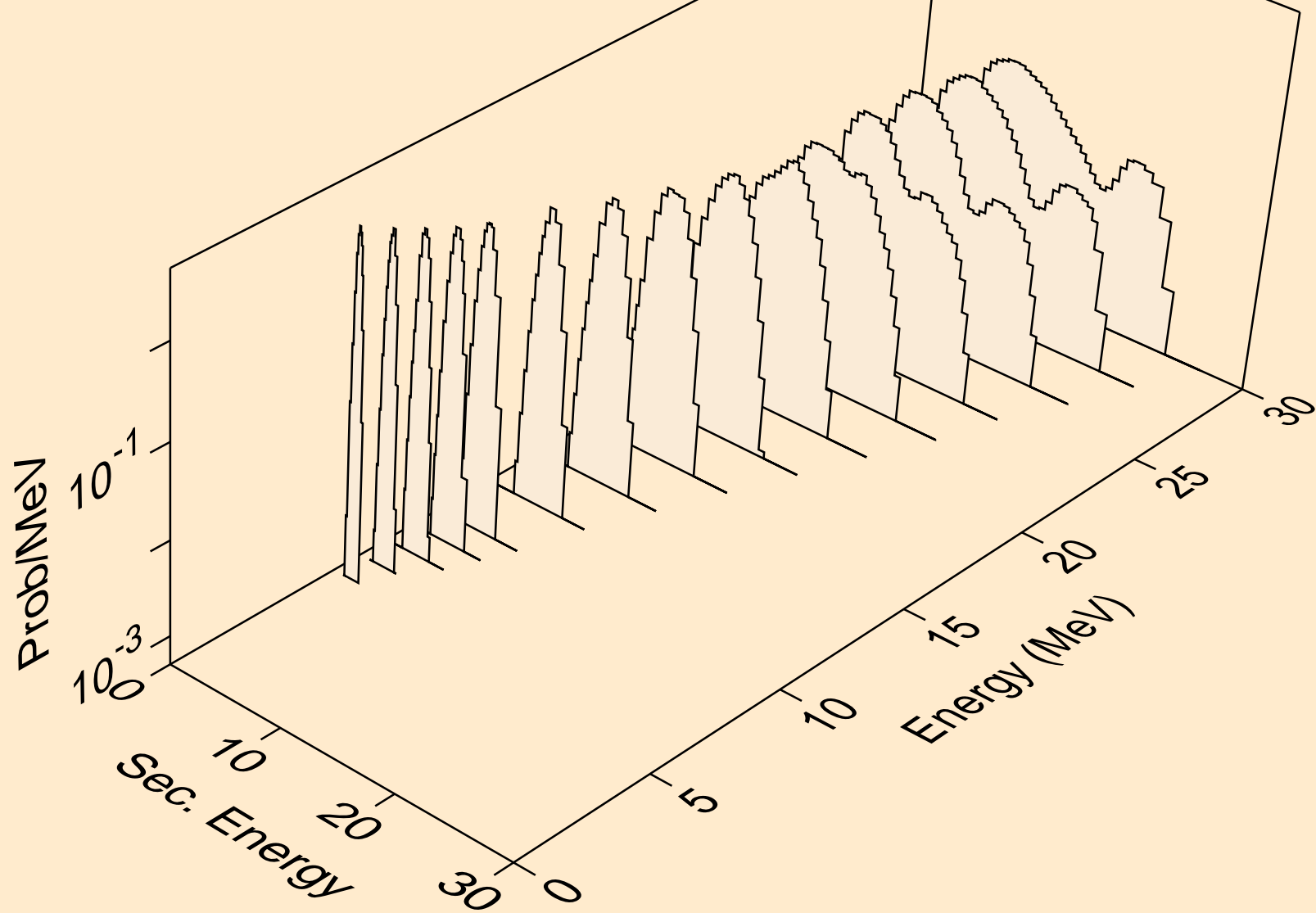
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)



YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

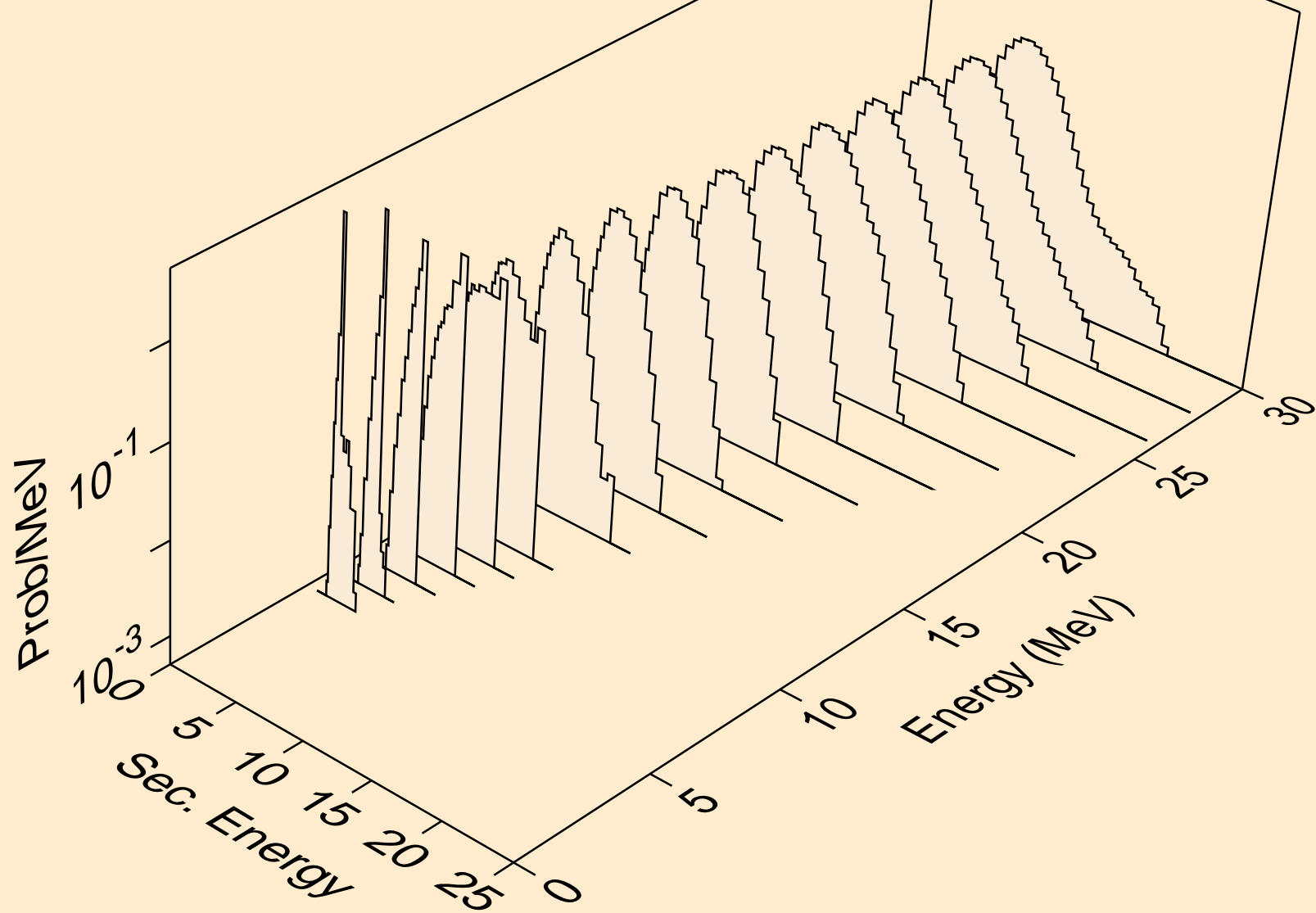


YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)

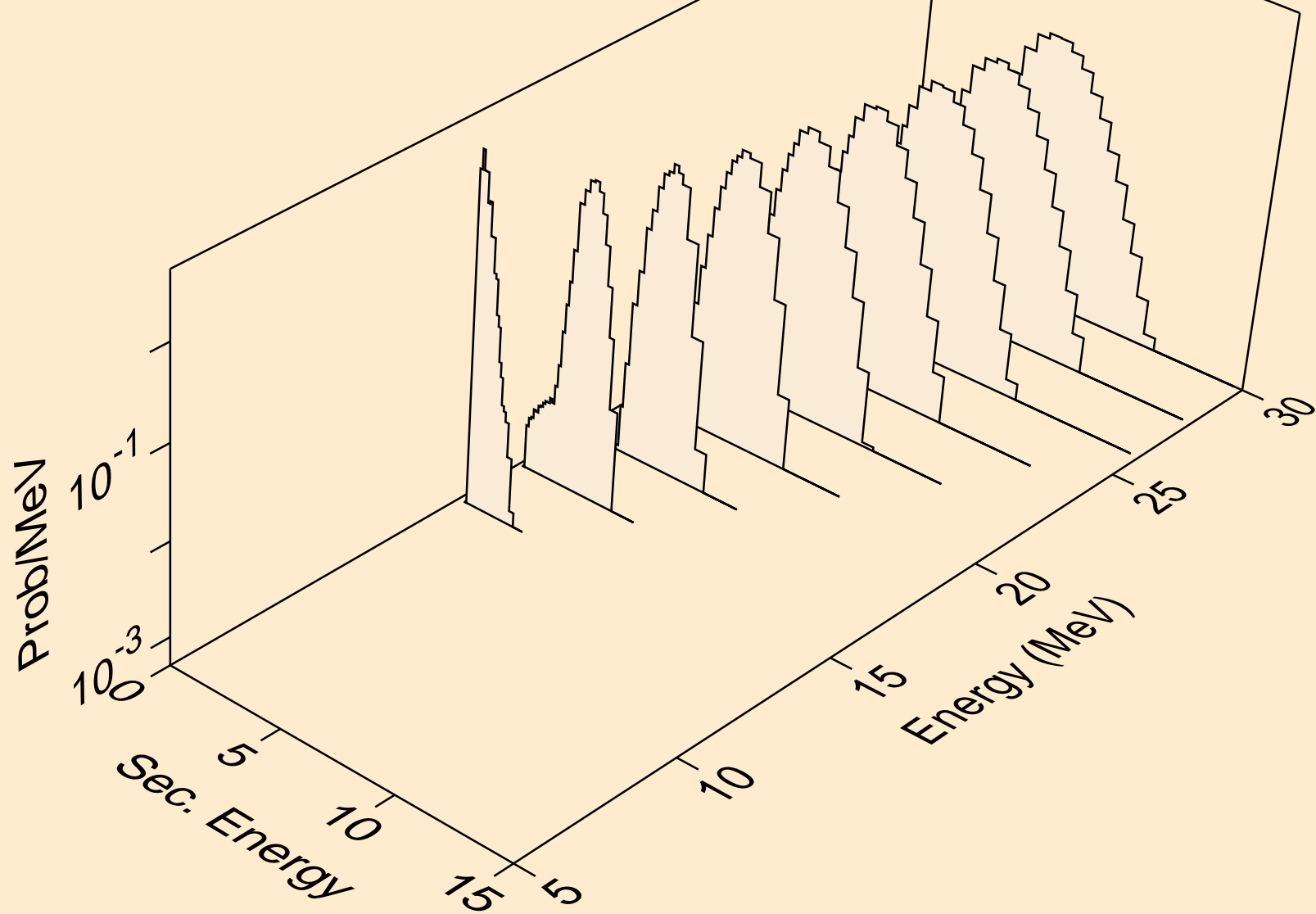




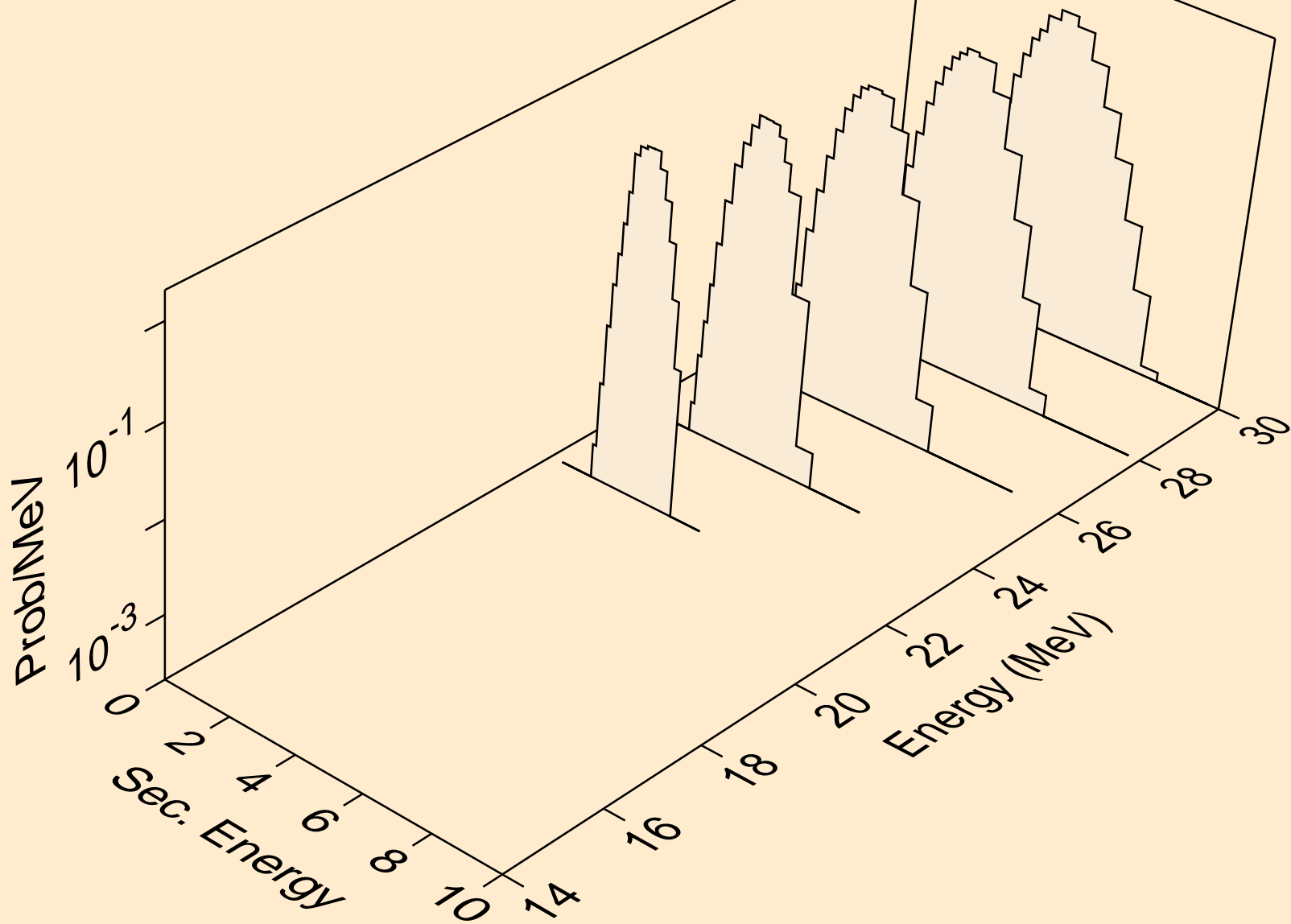
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



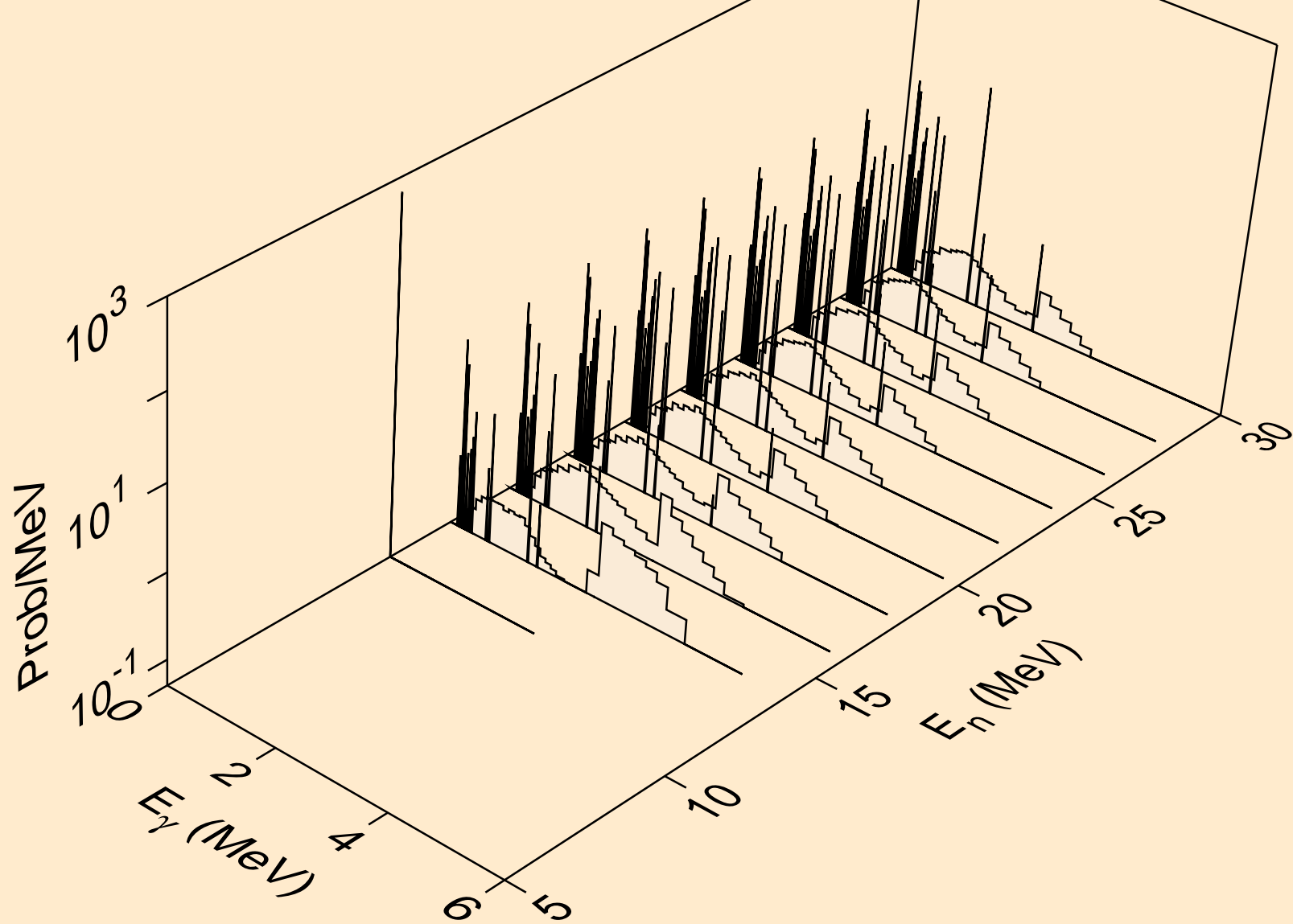
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



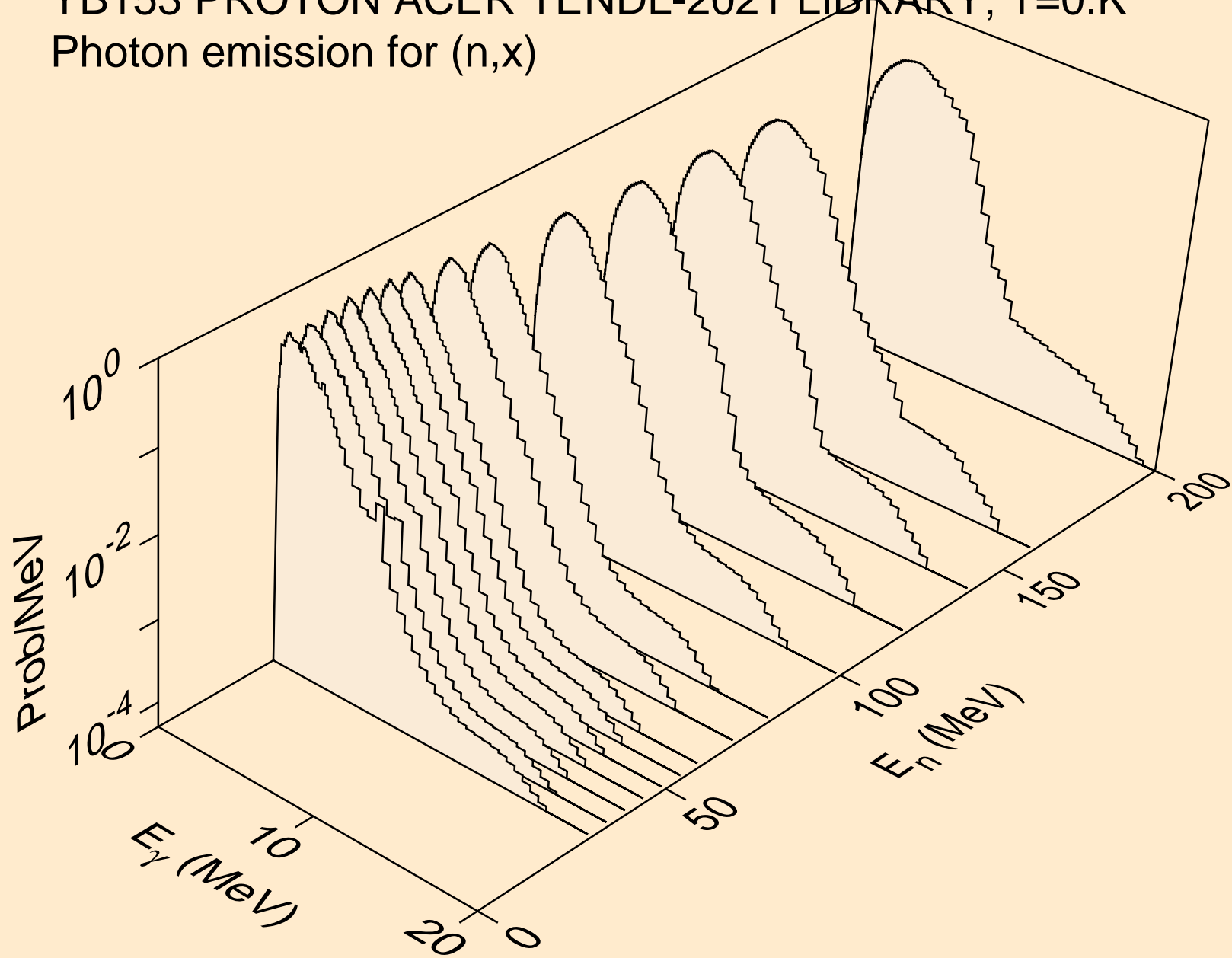
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



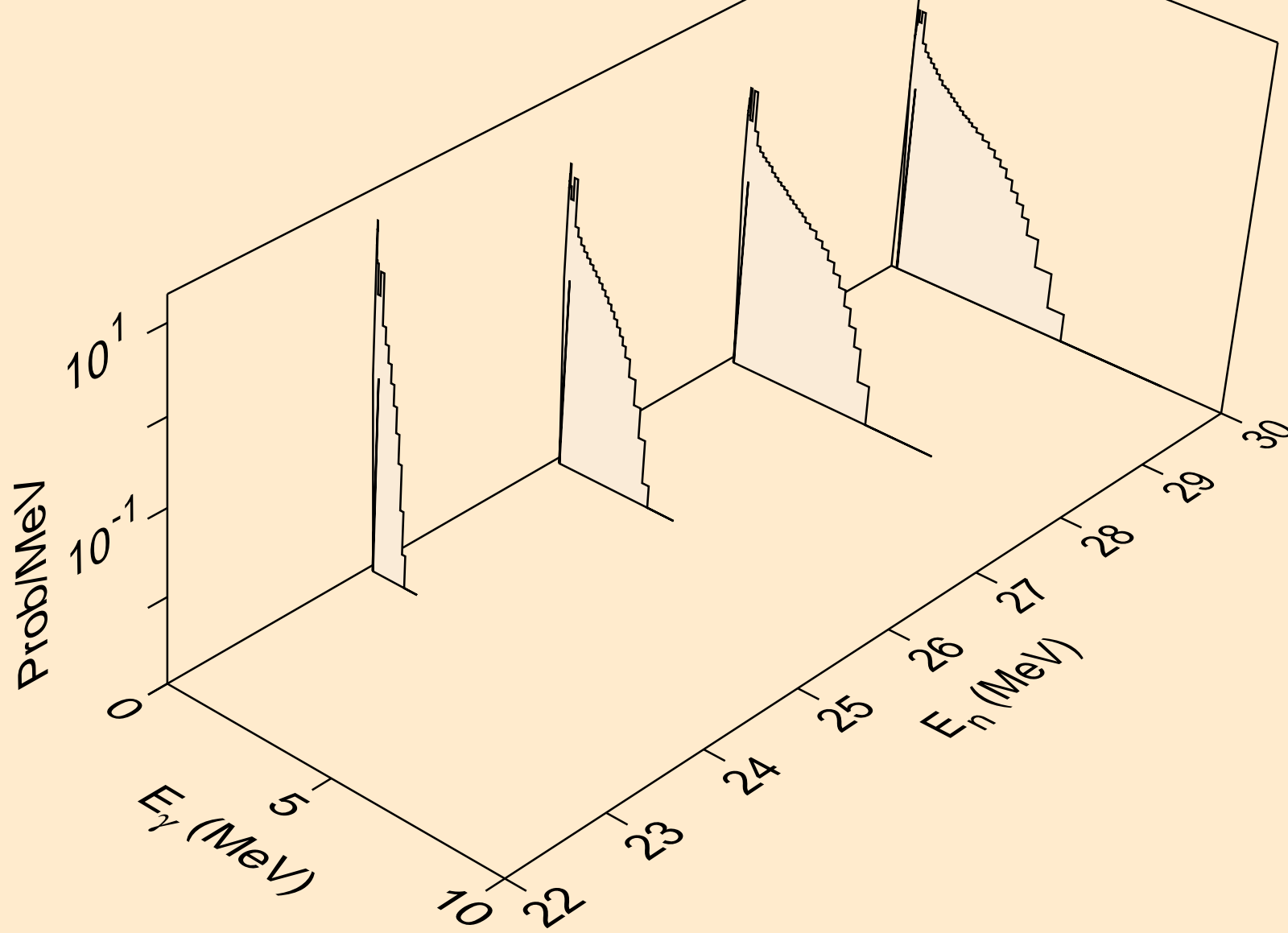
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



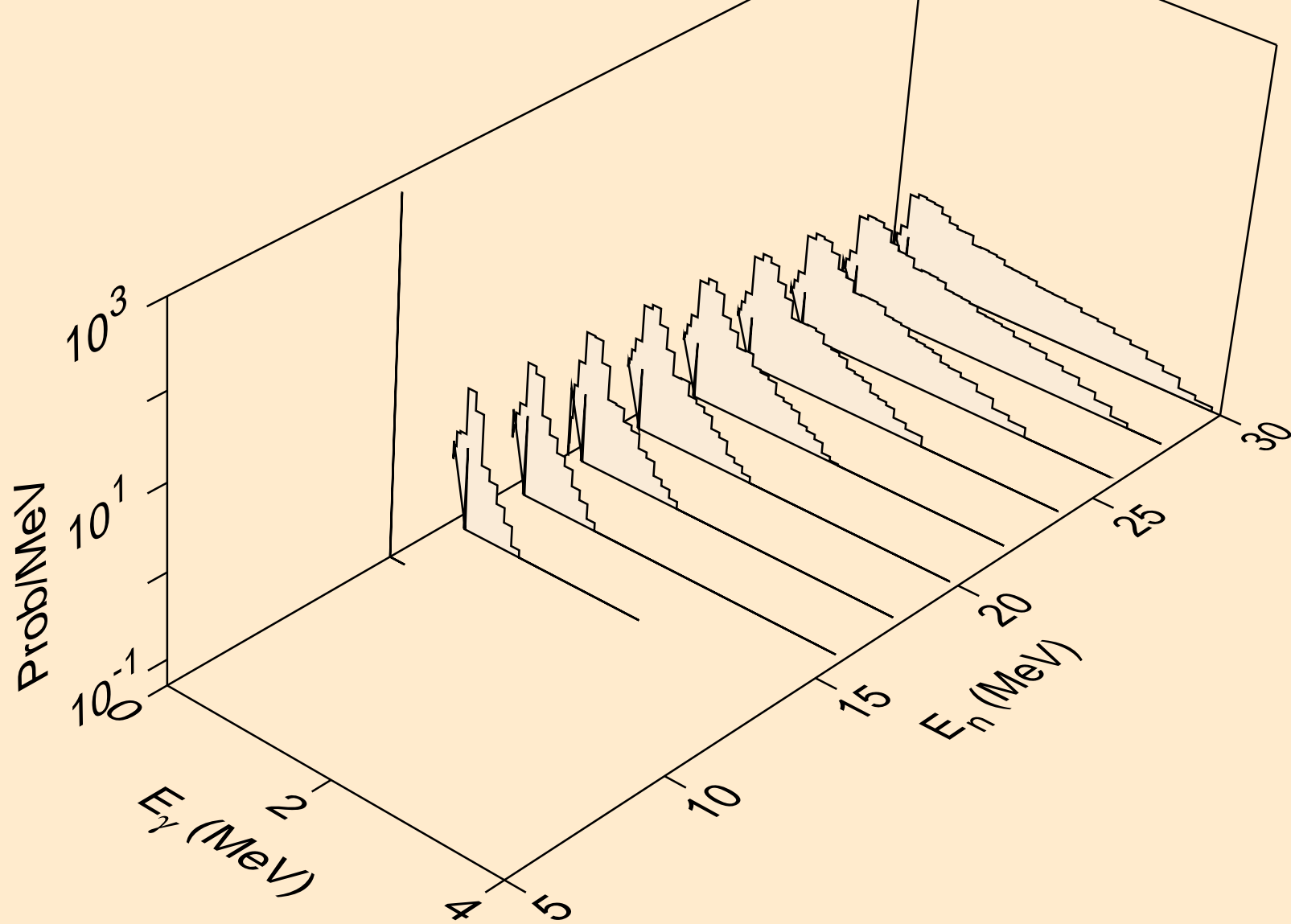
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



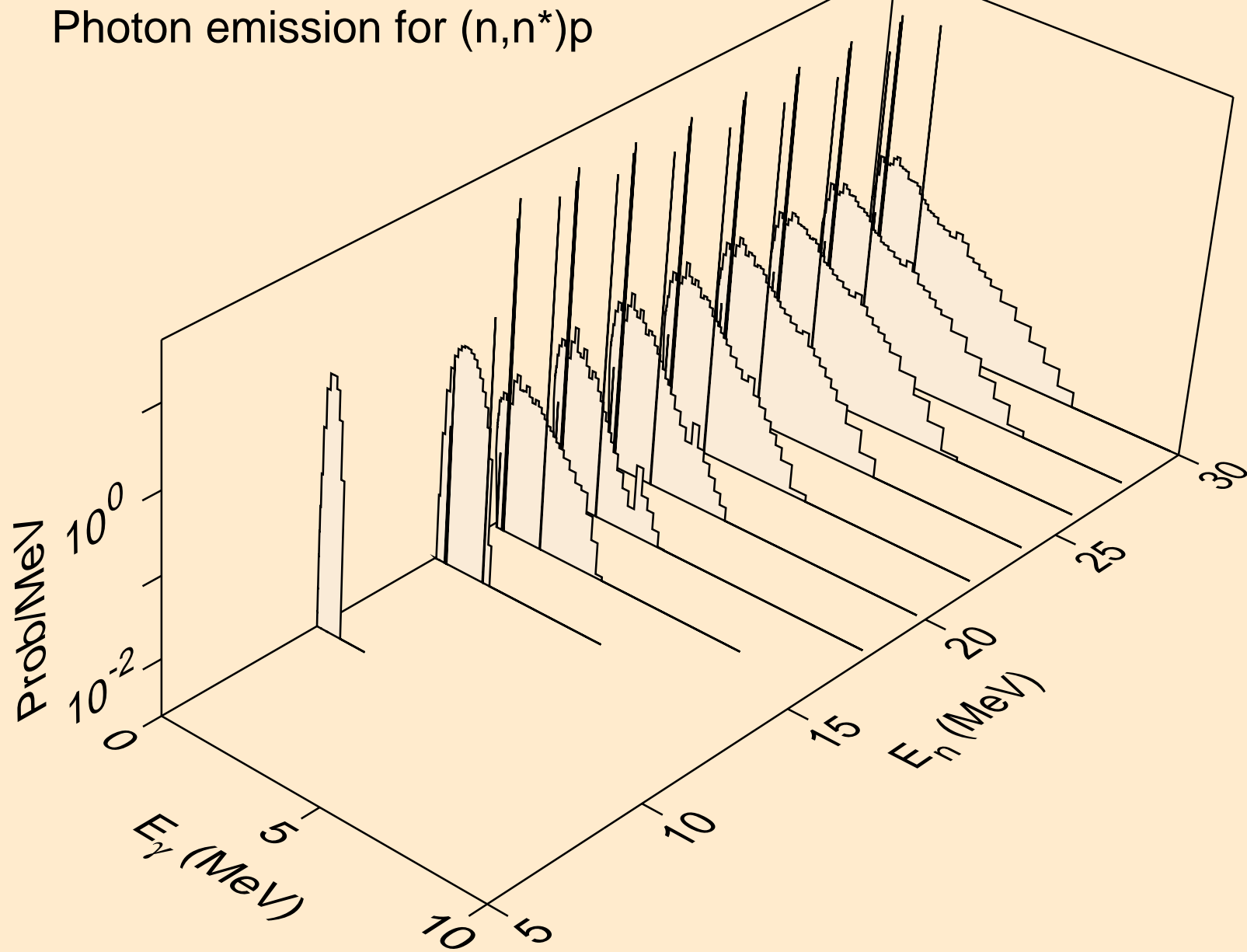
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

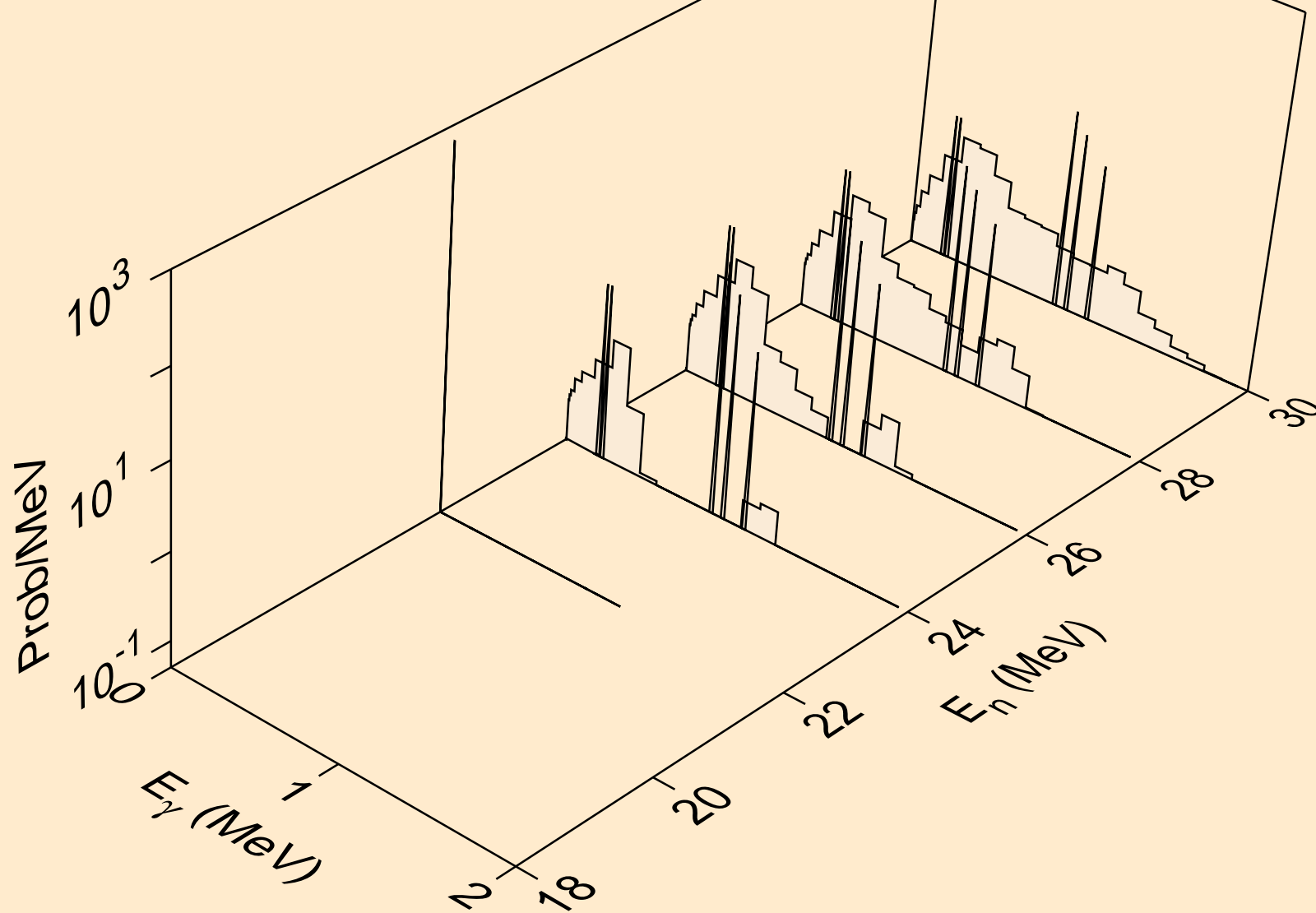


YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

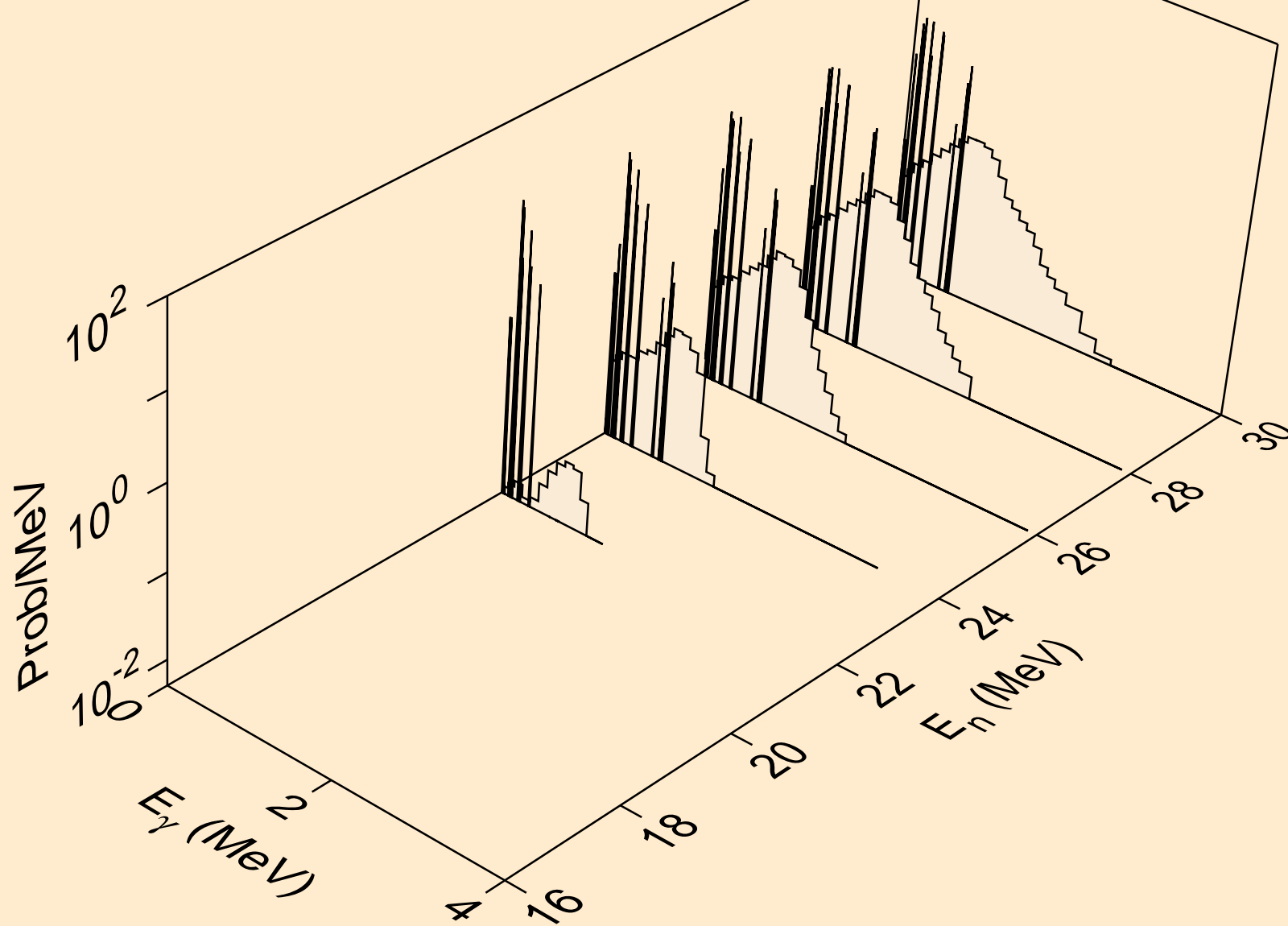




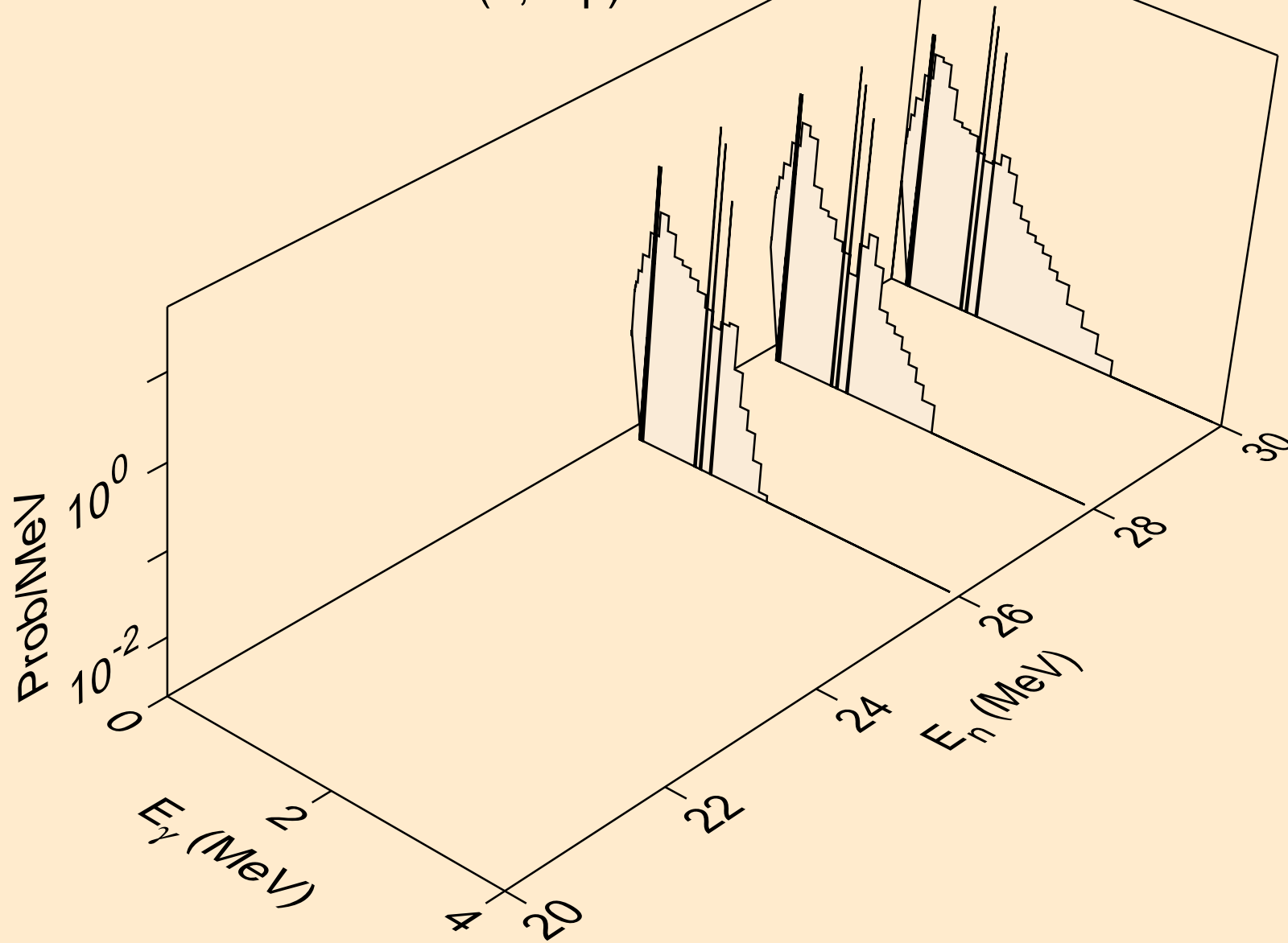
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



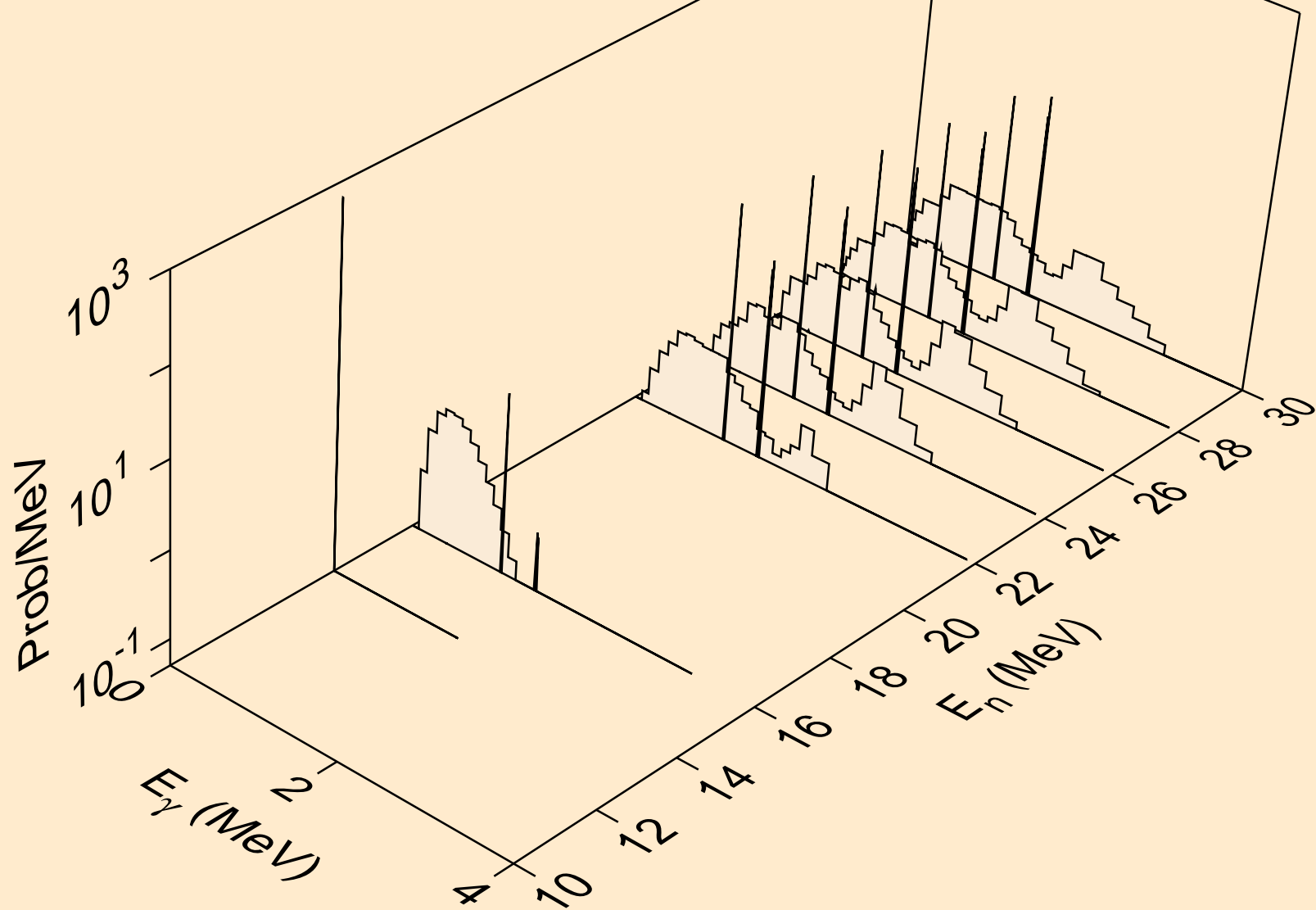
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



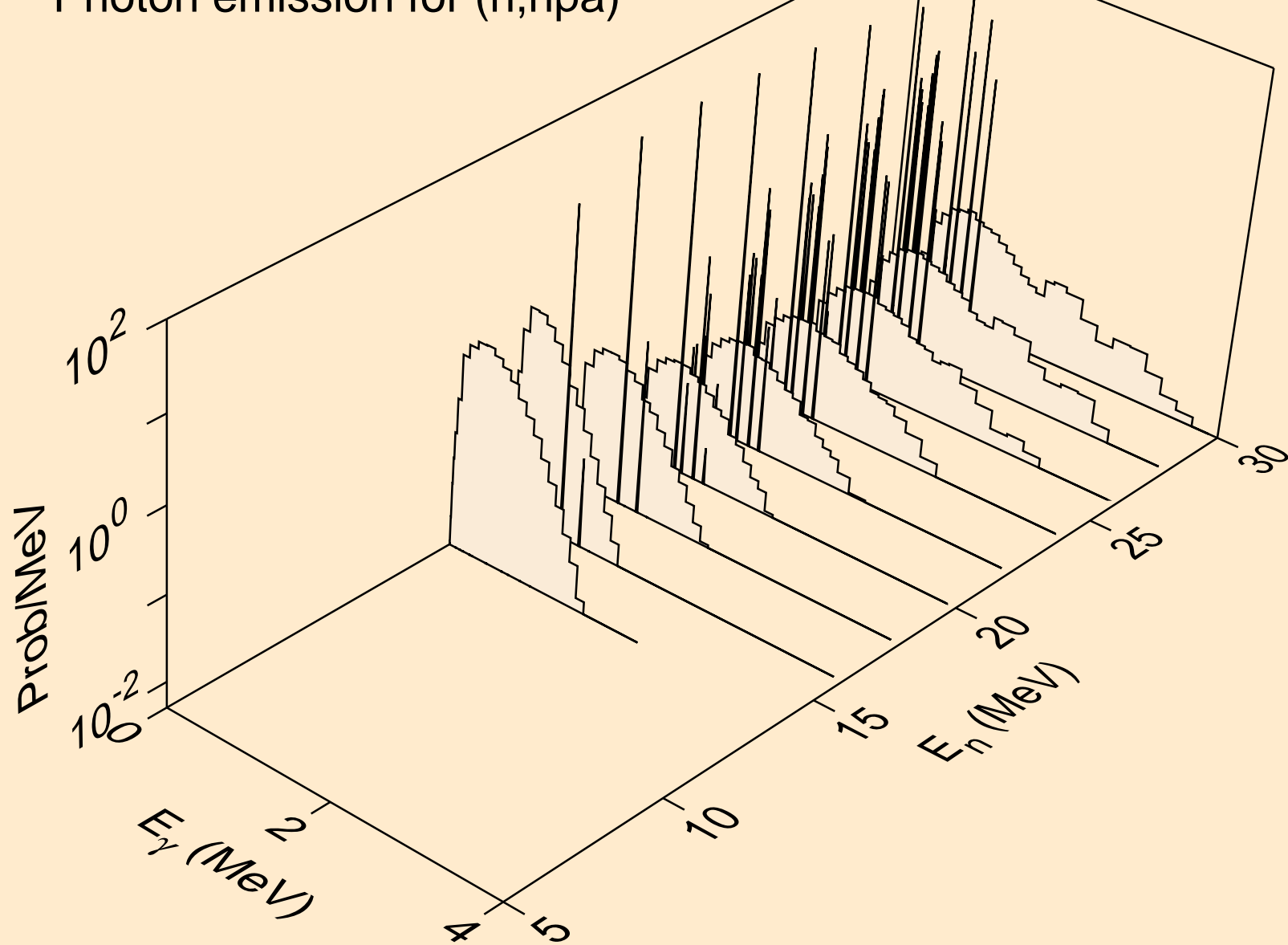
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



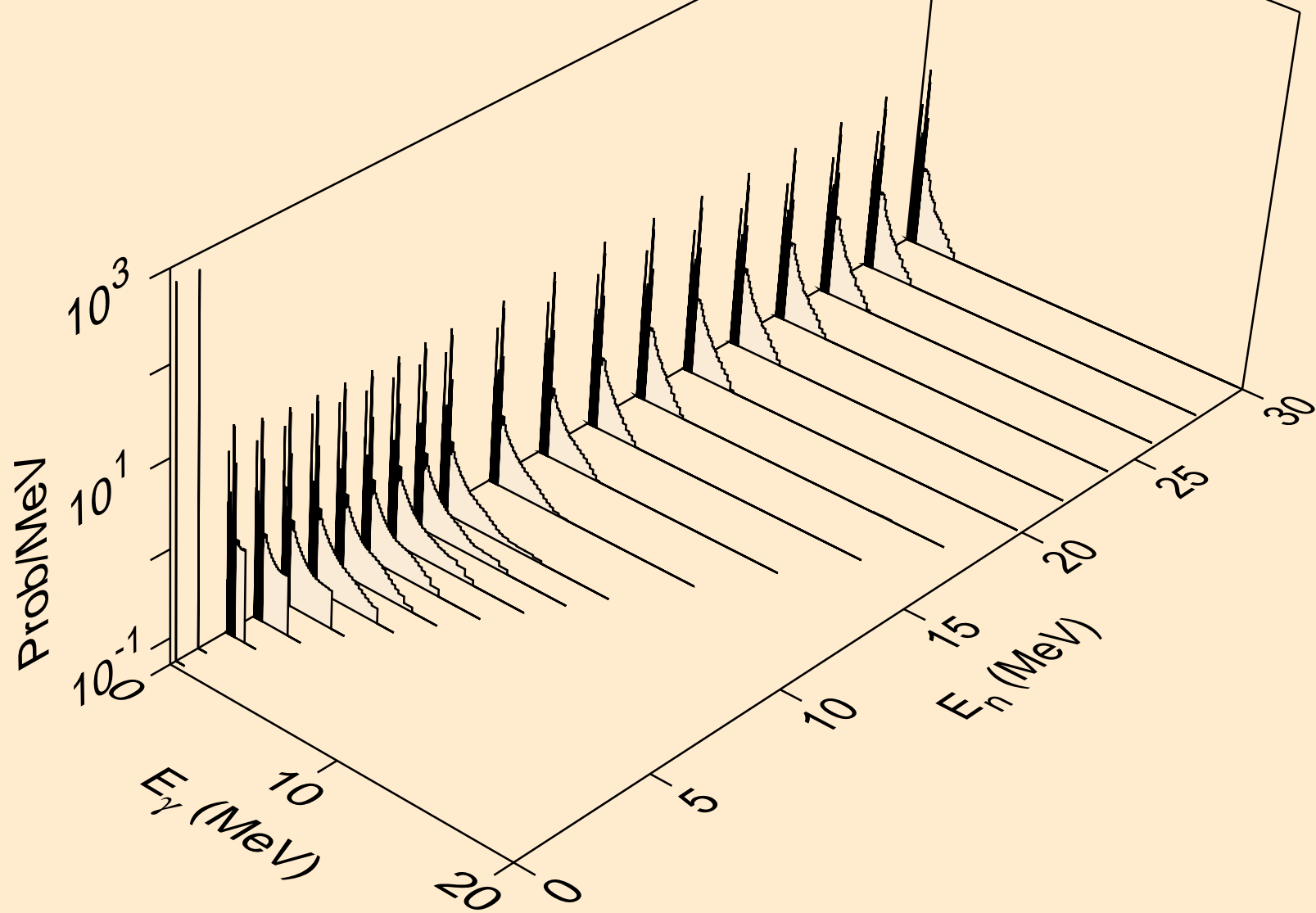
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



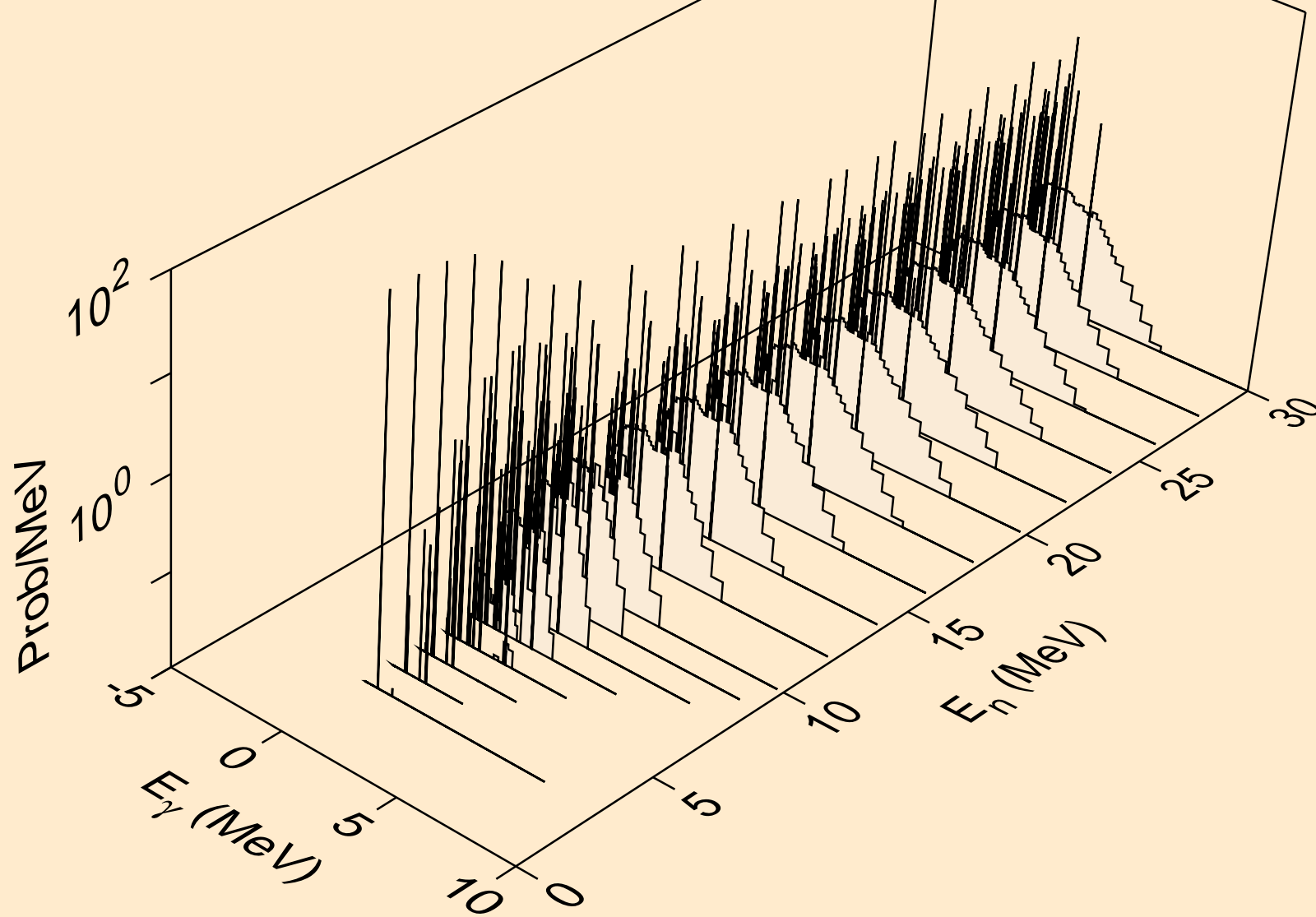
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



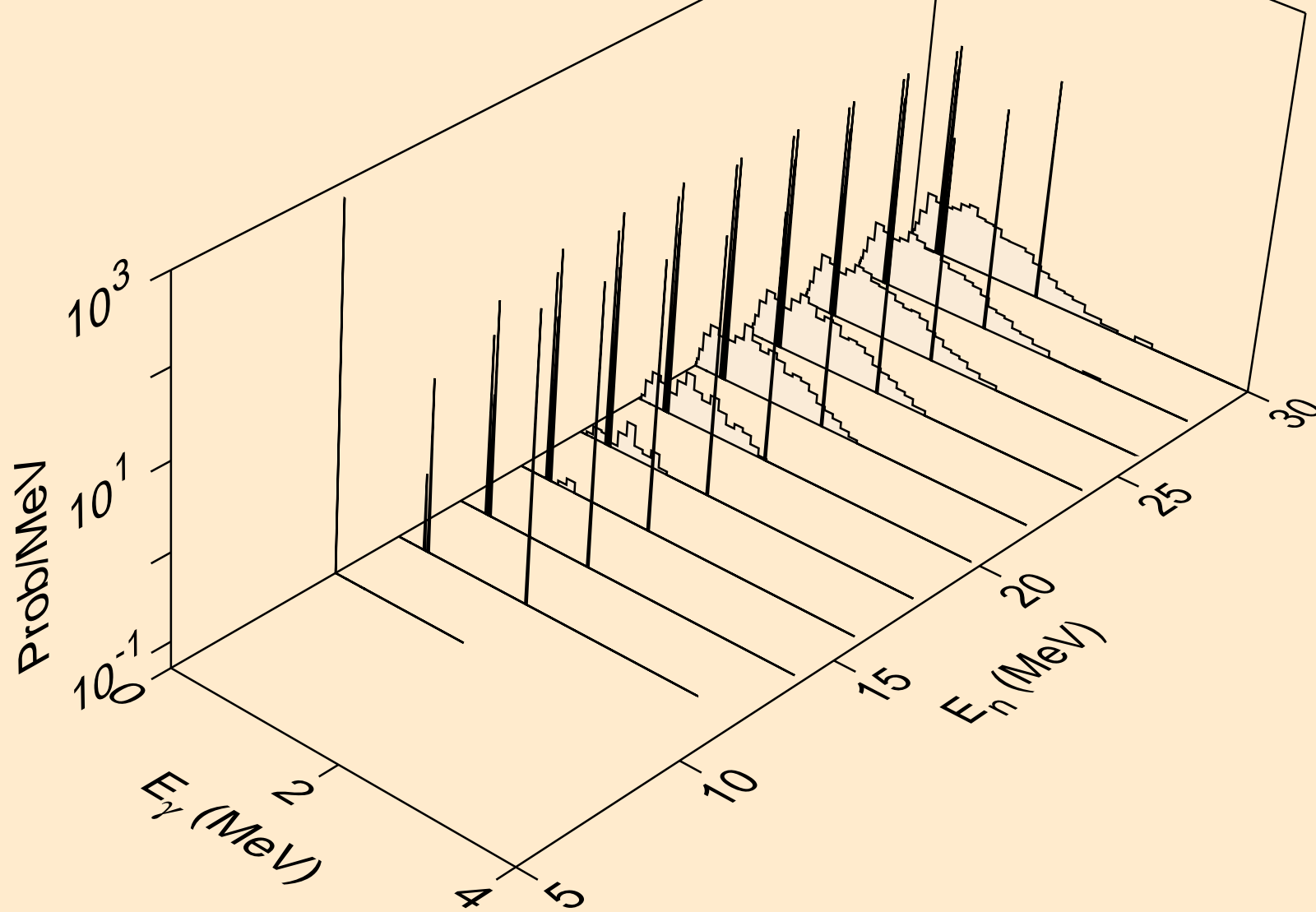
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

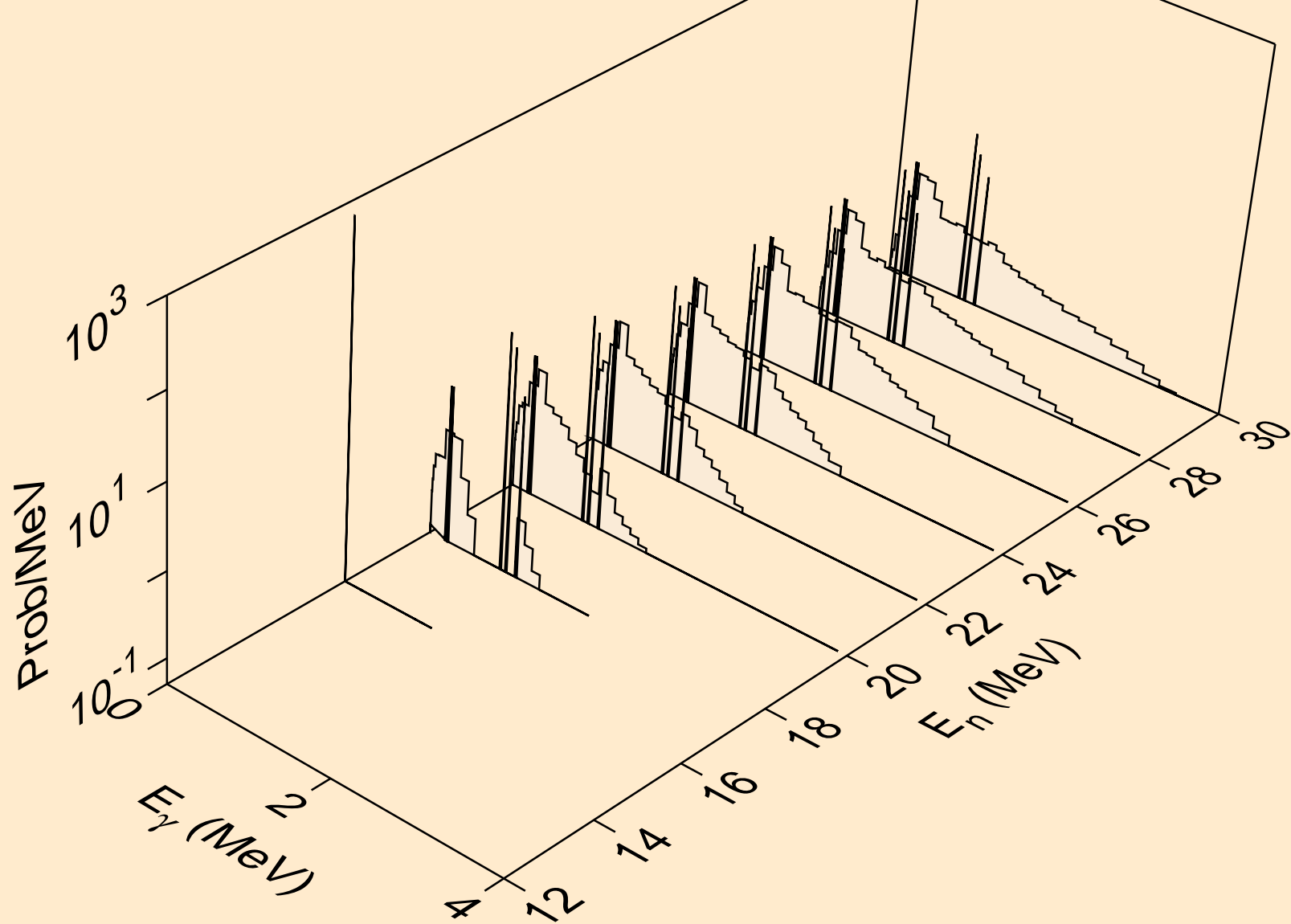


YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

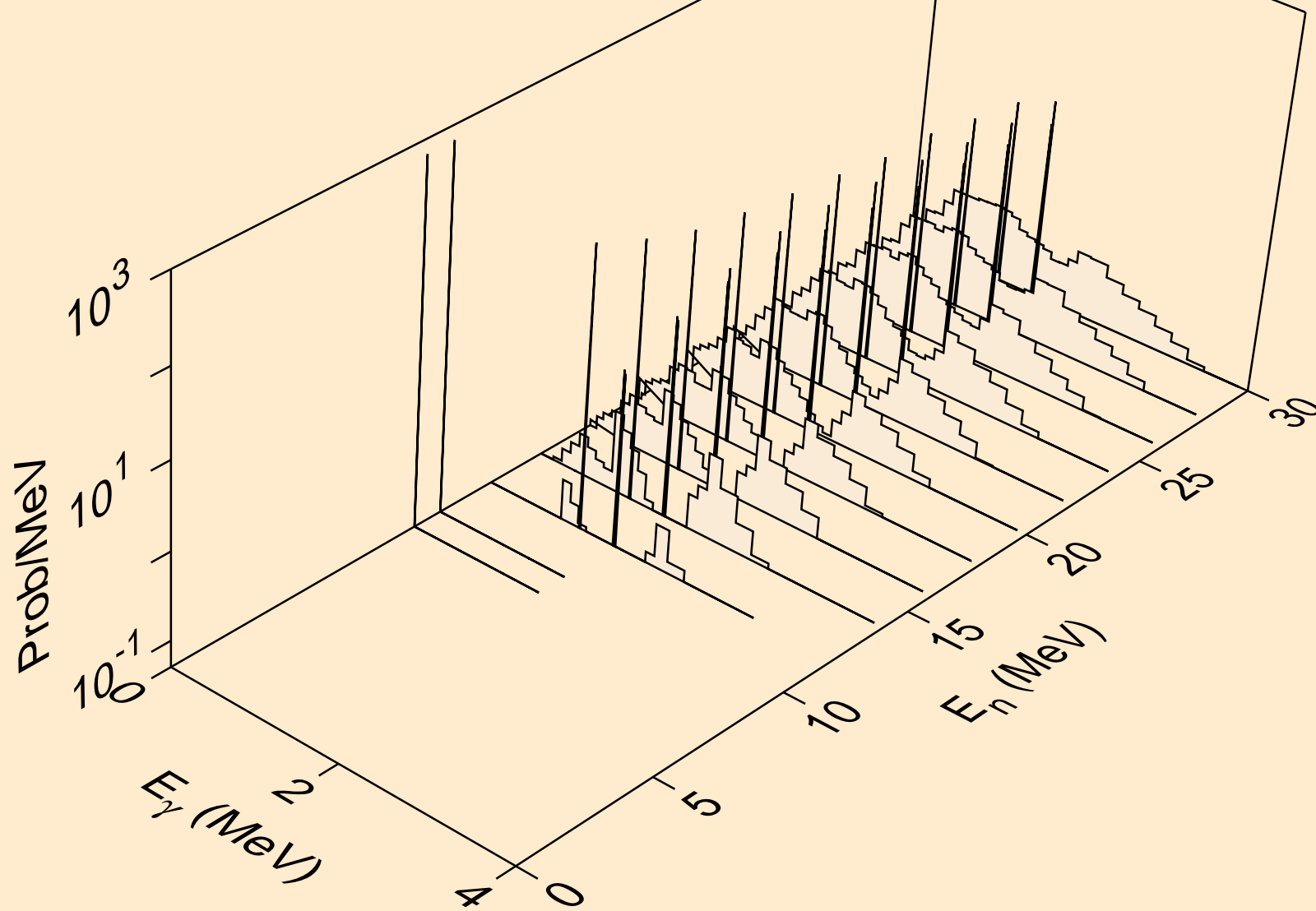




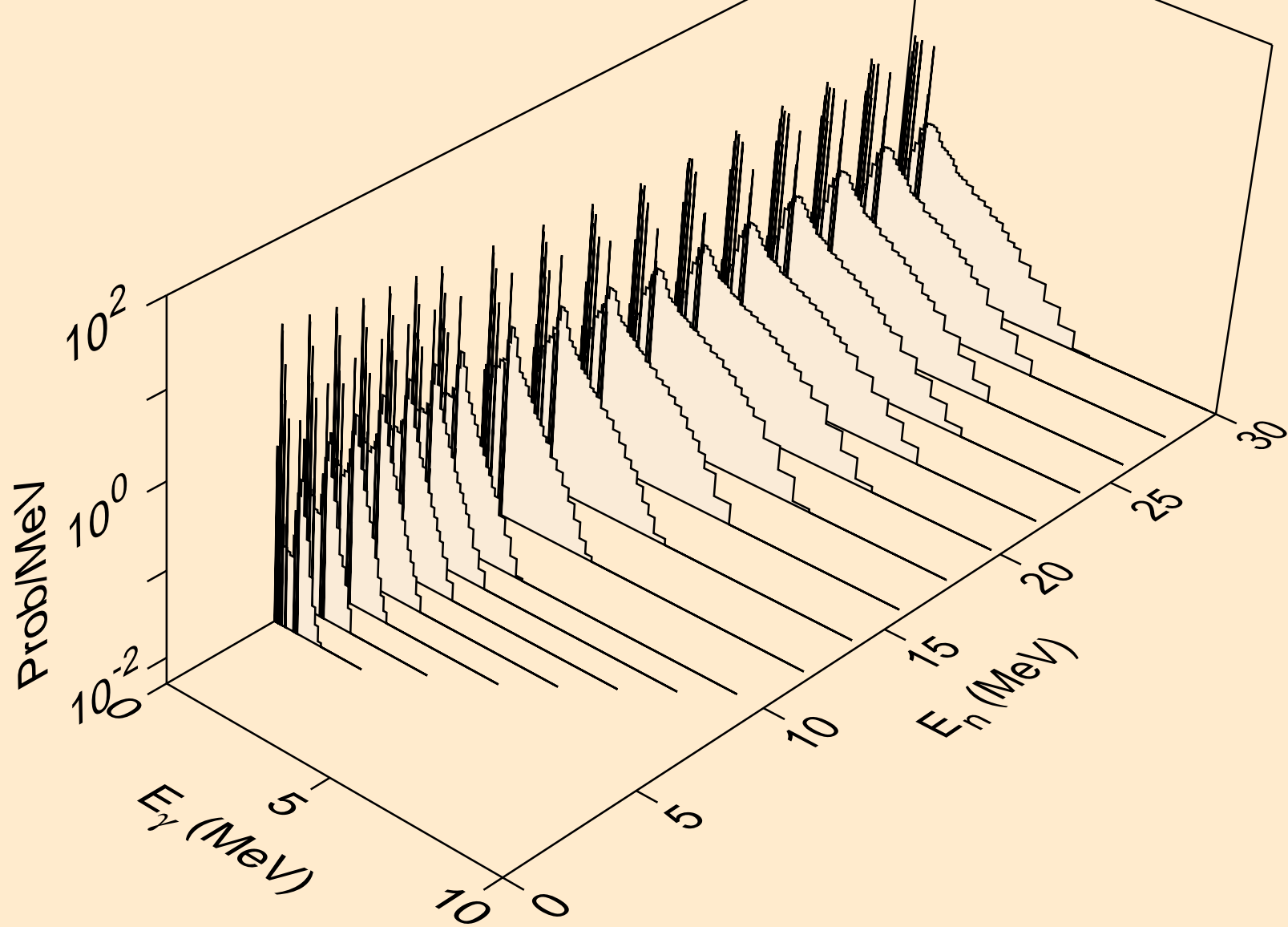
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



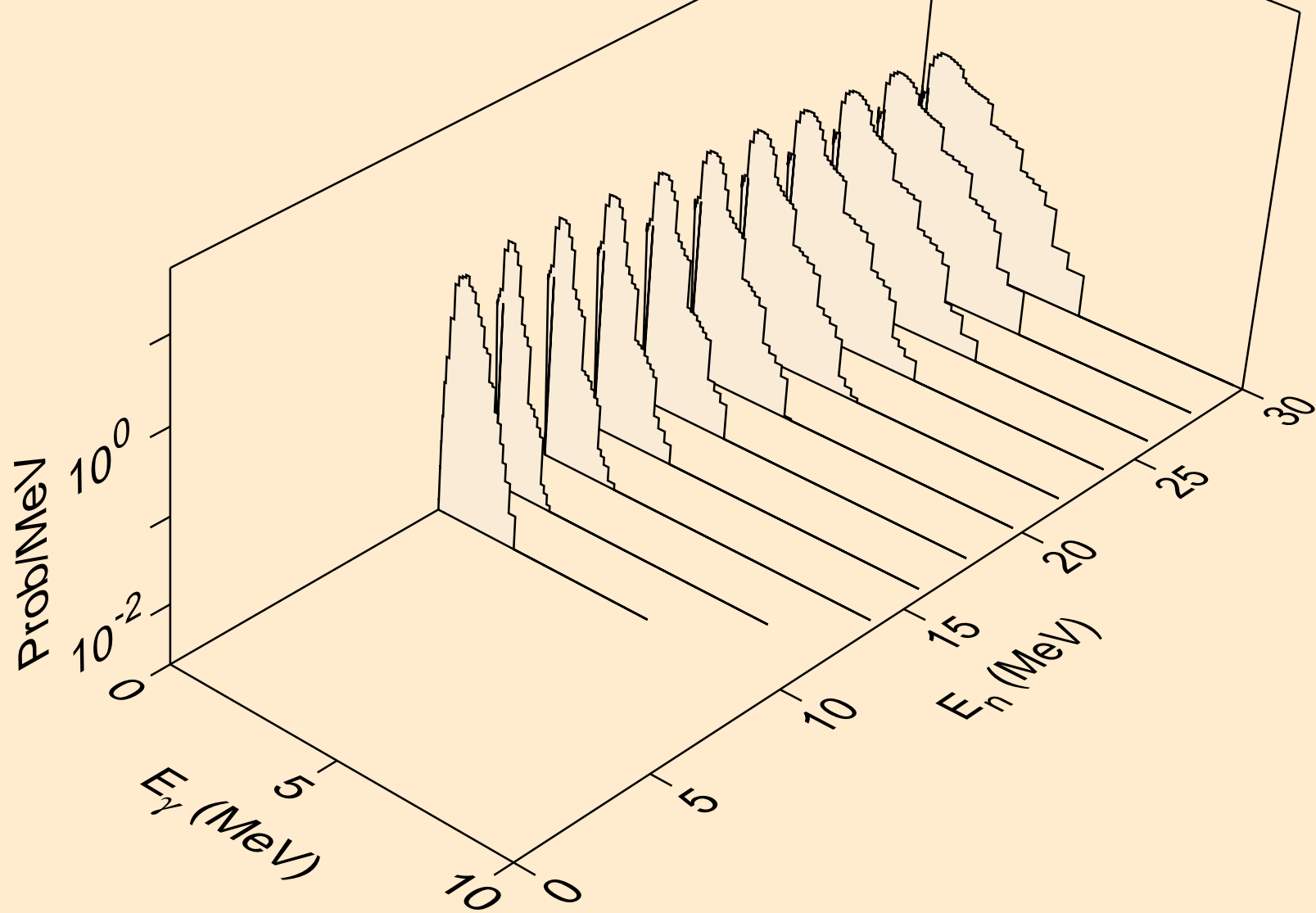
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



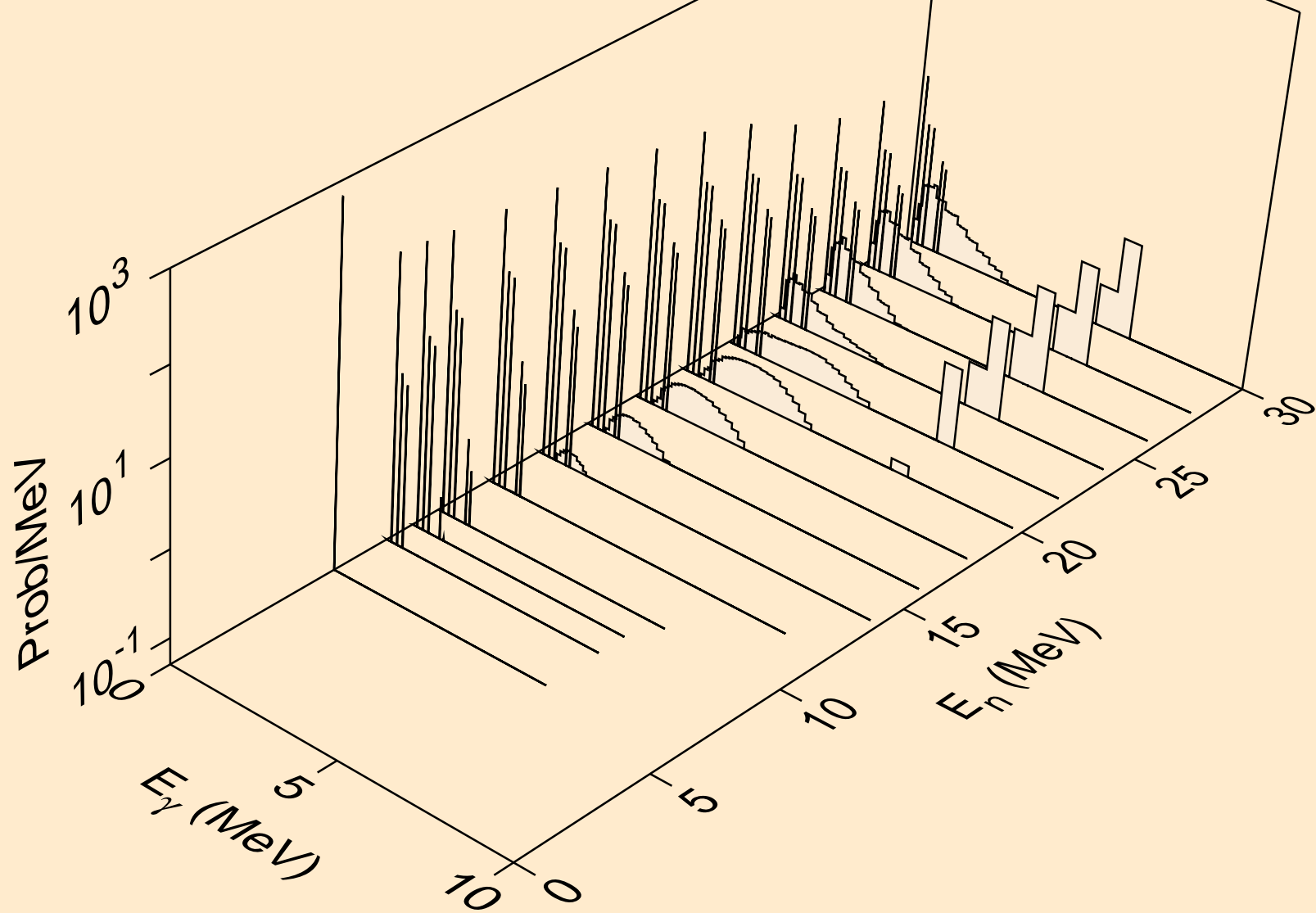
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



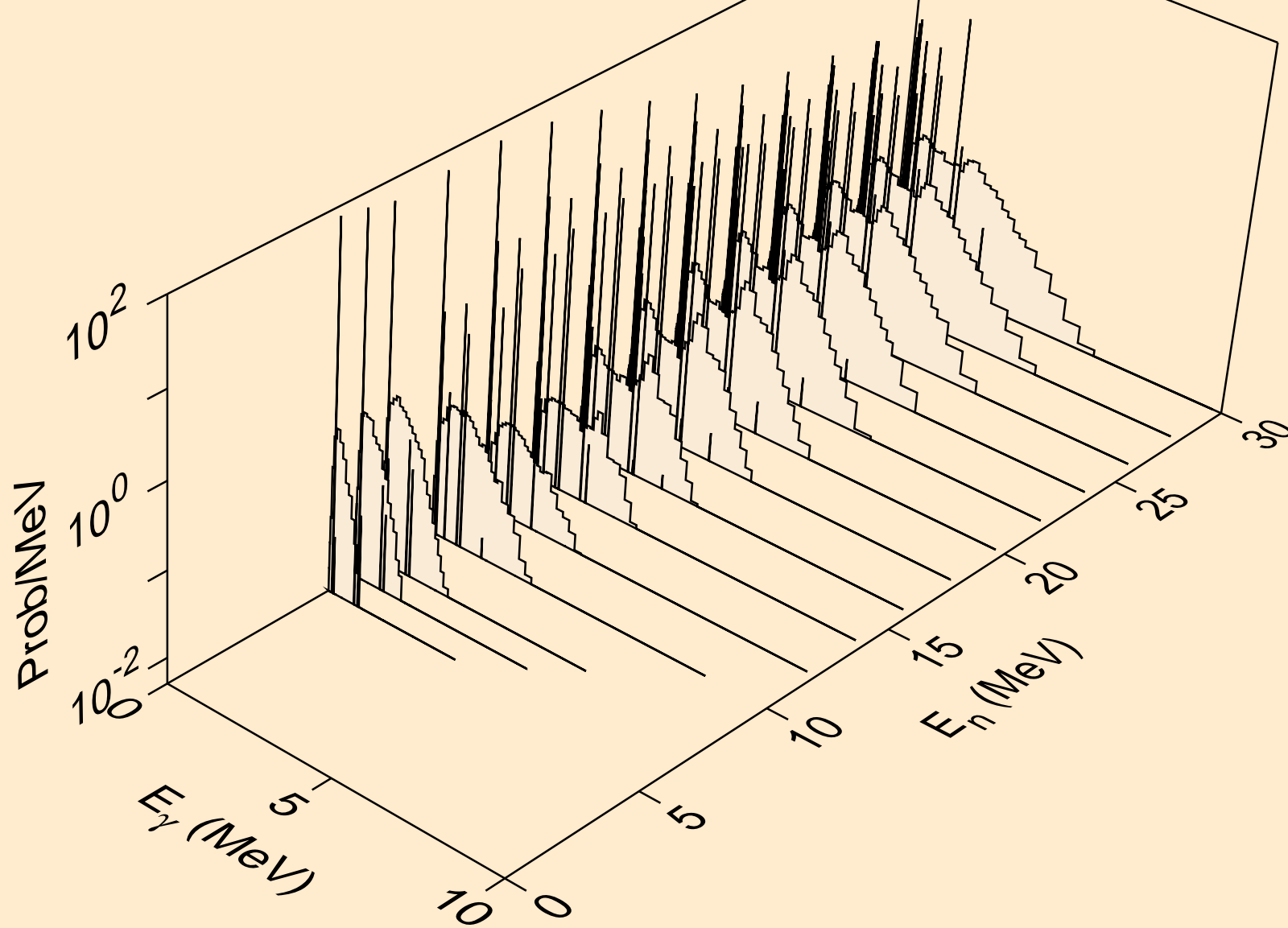
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



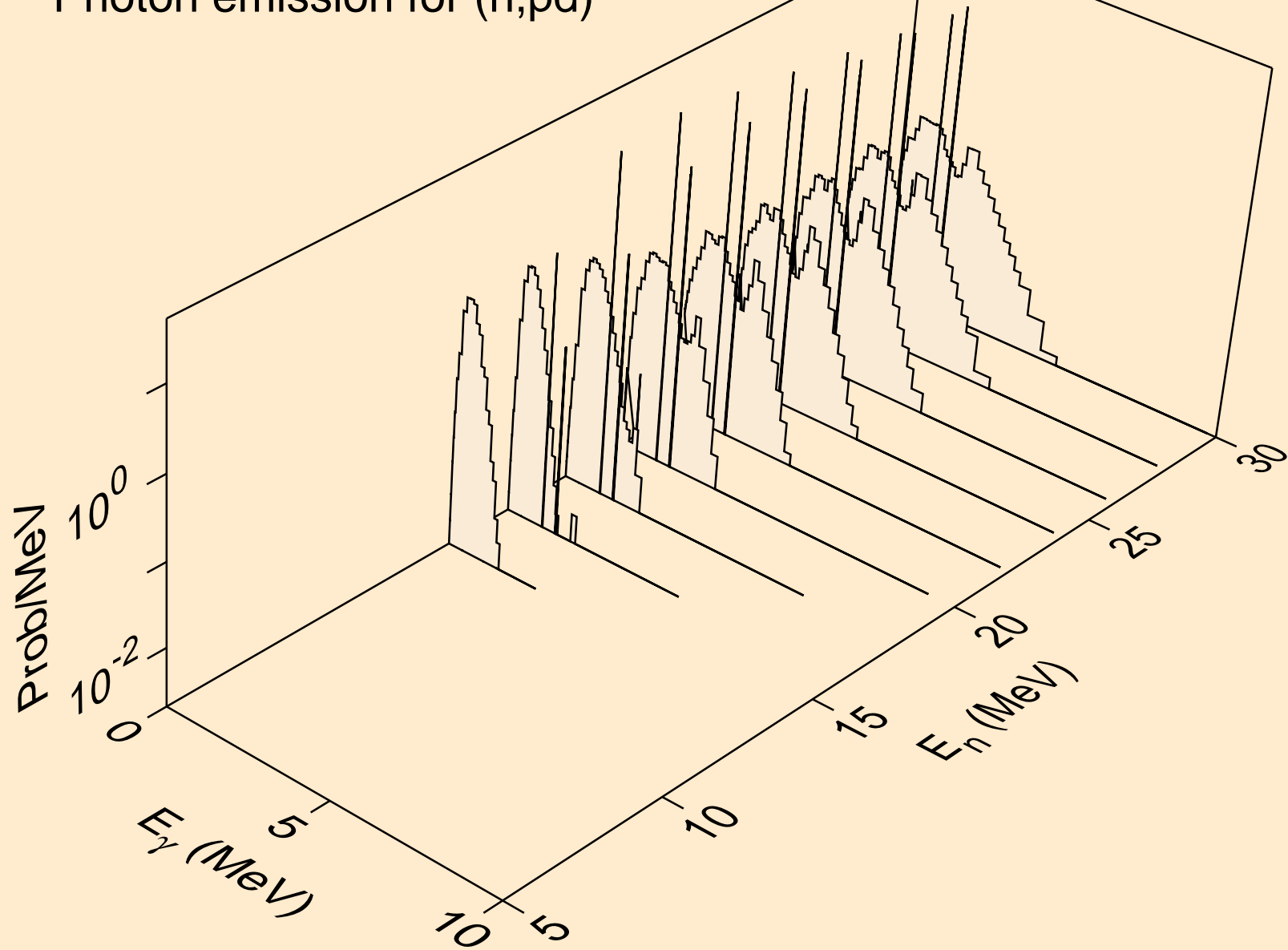
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



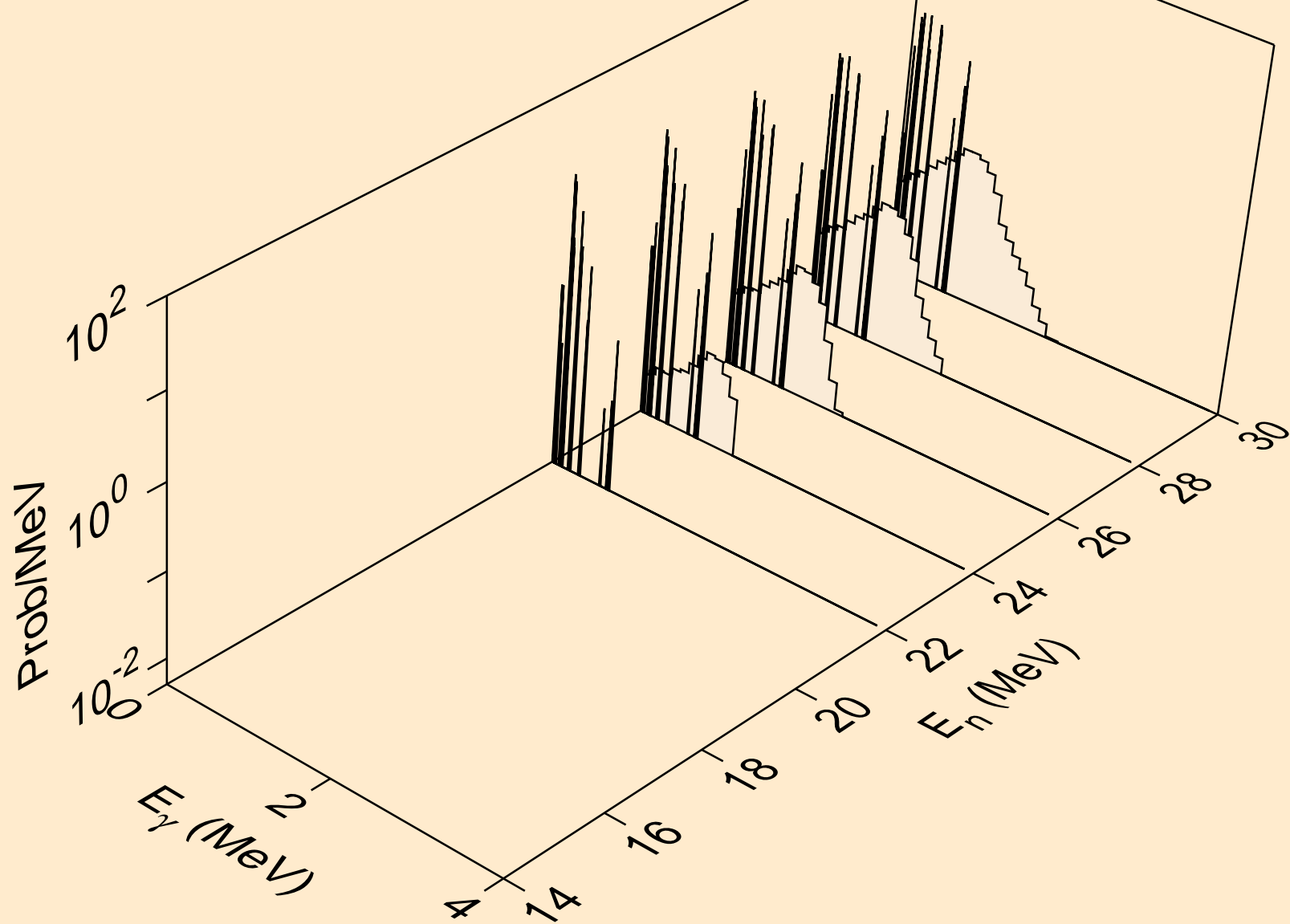
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

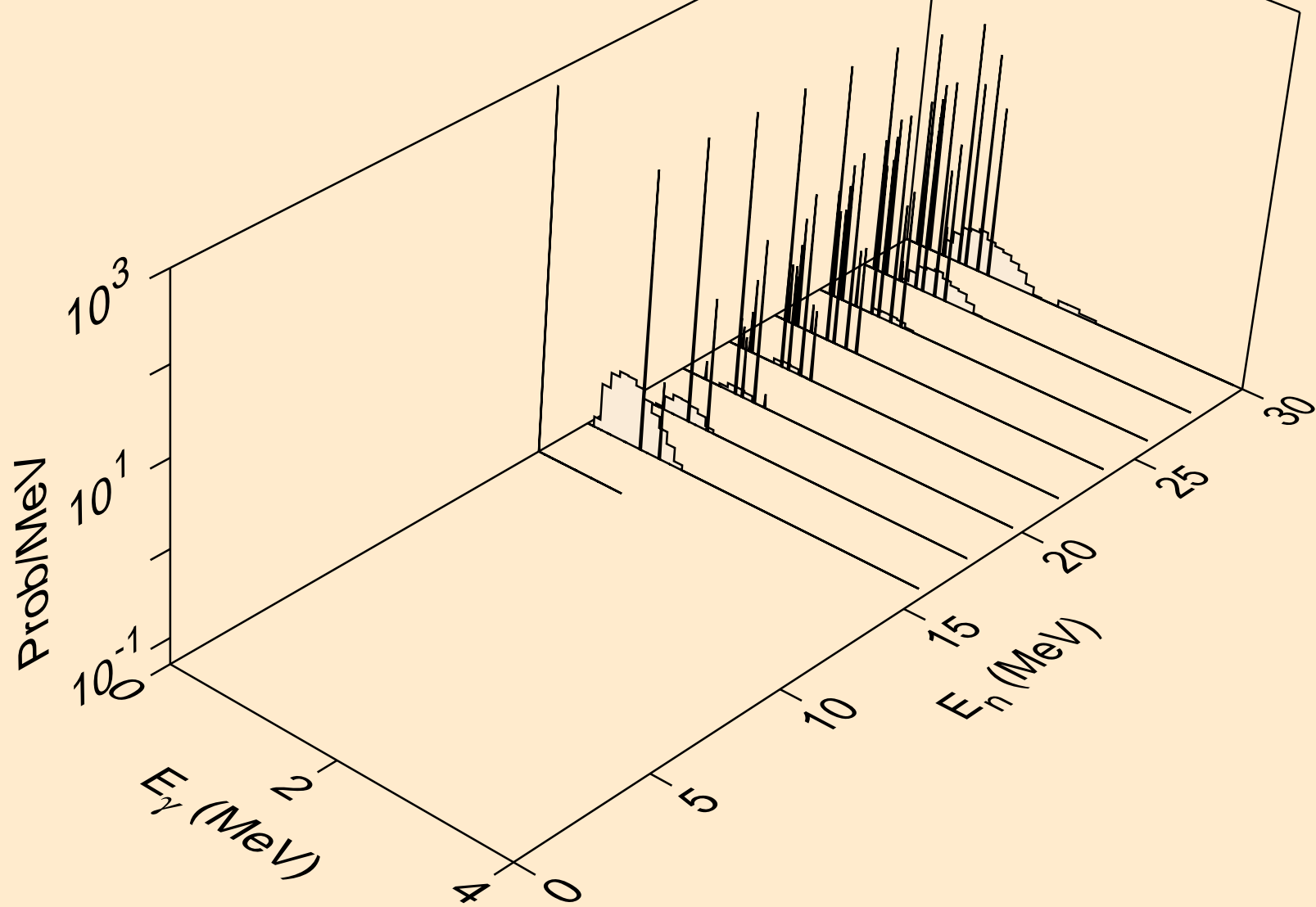


YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

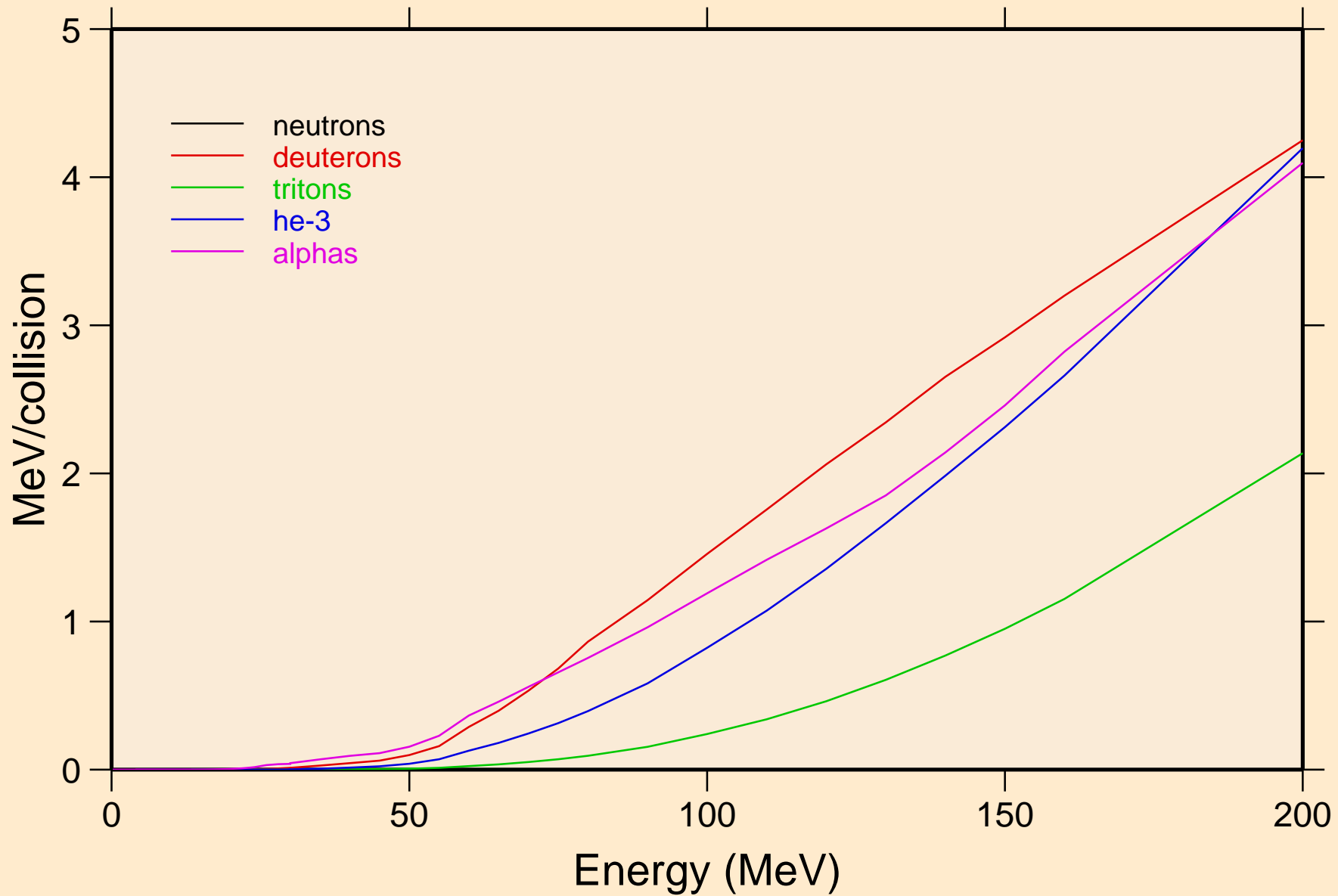




YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

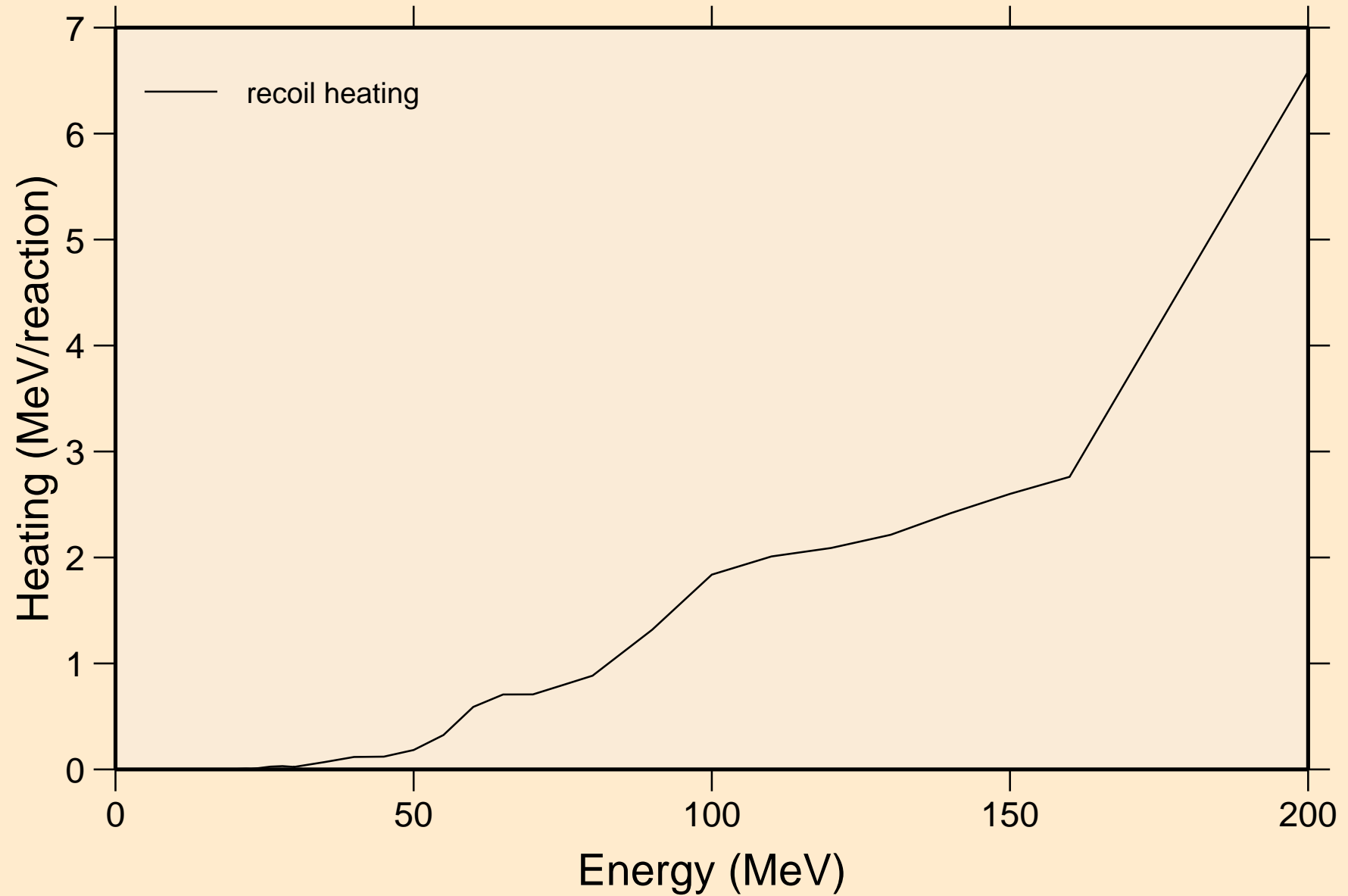


YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

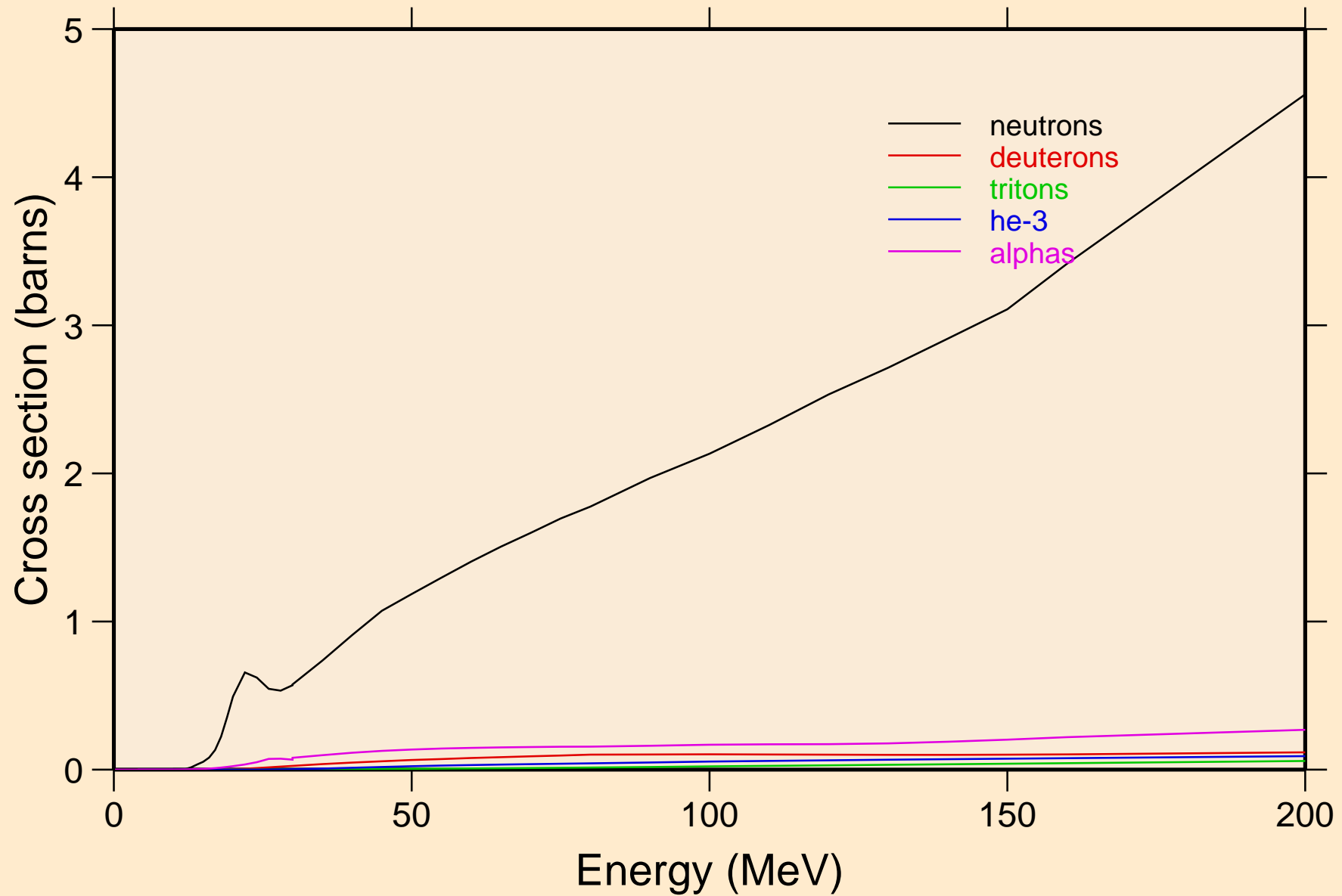


# YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K

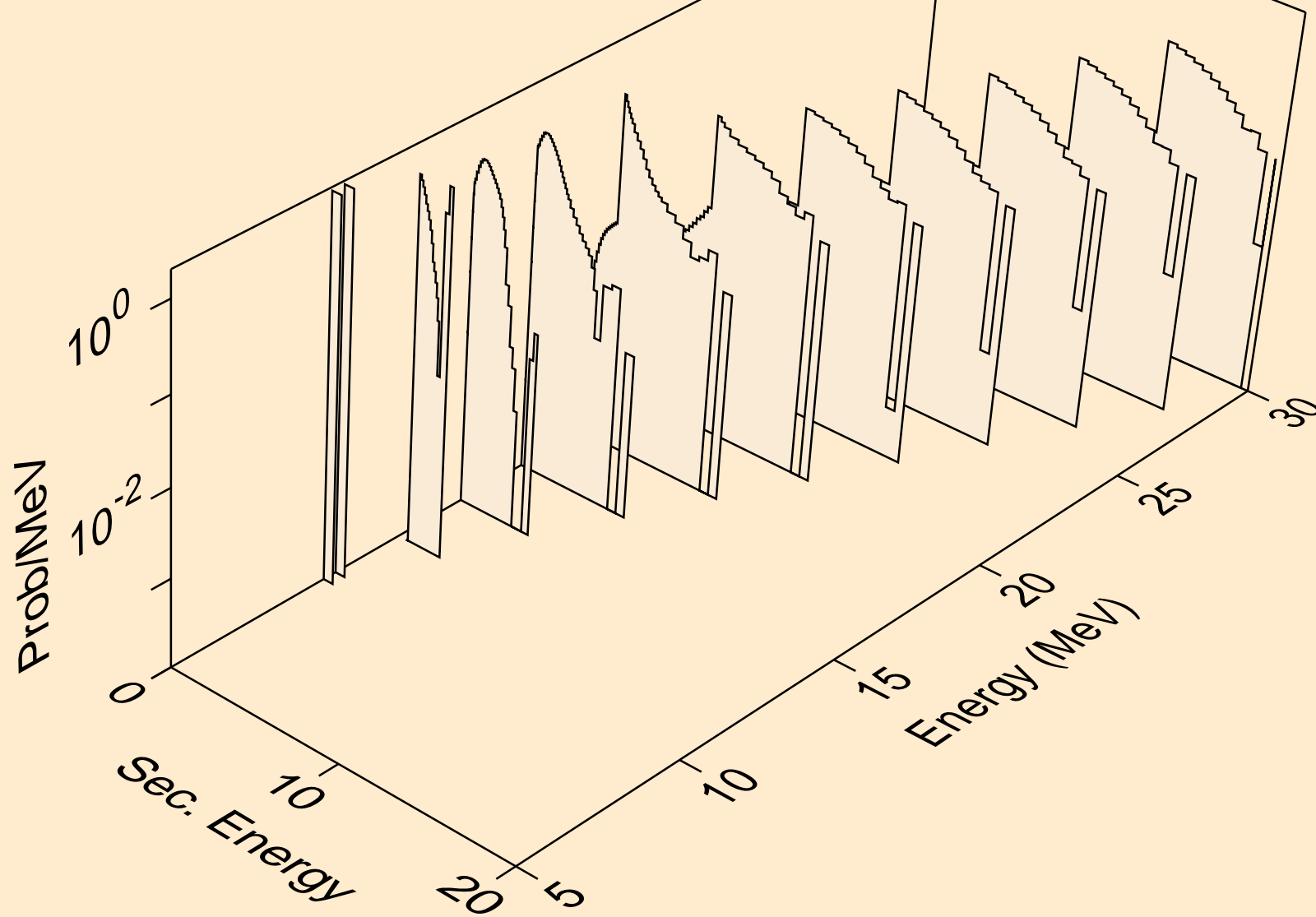
## Recoil Heating



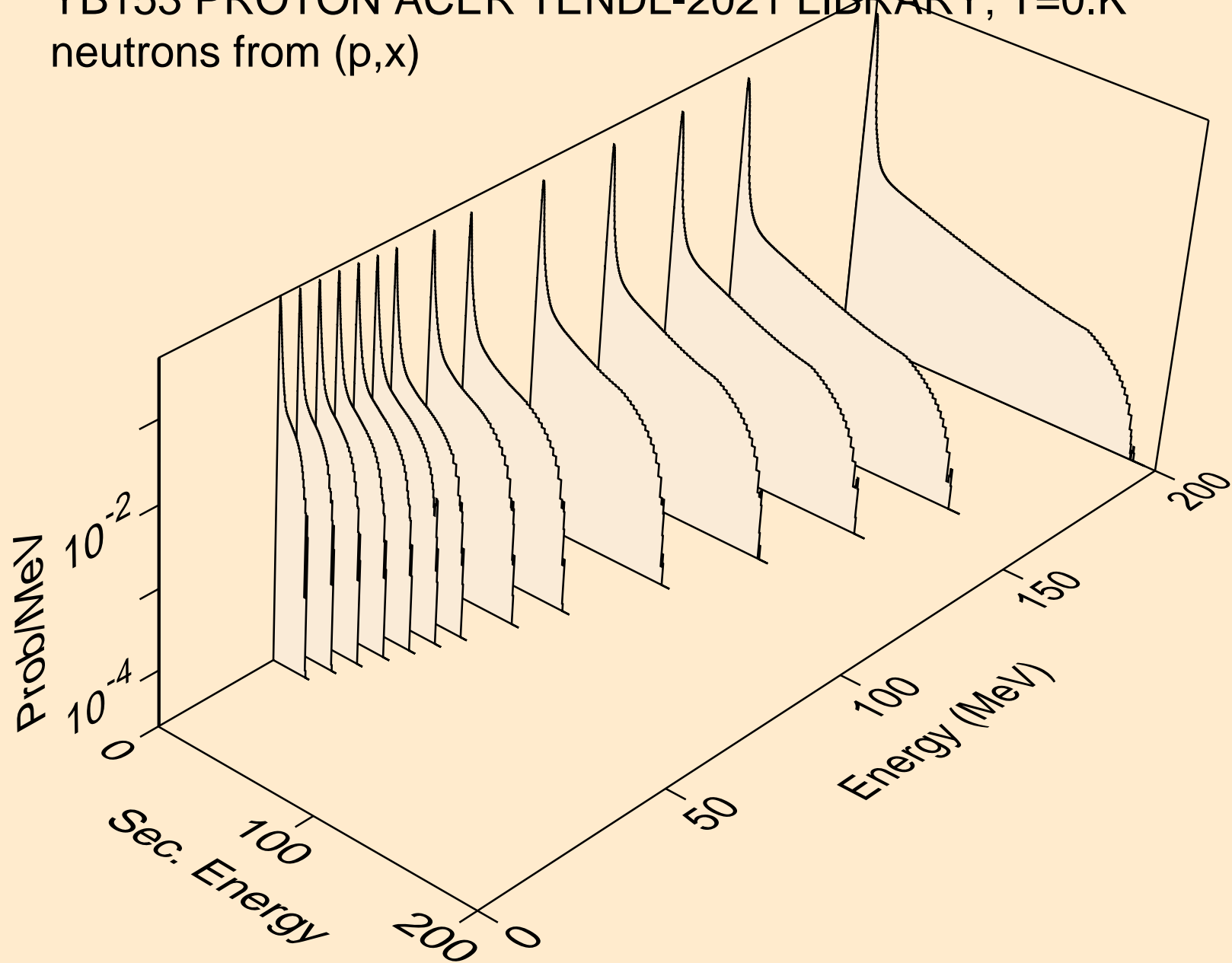
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



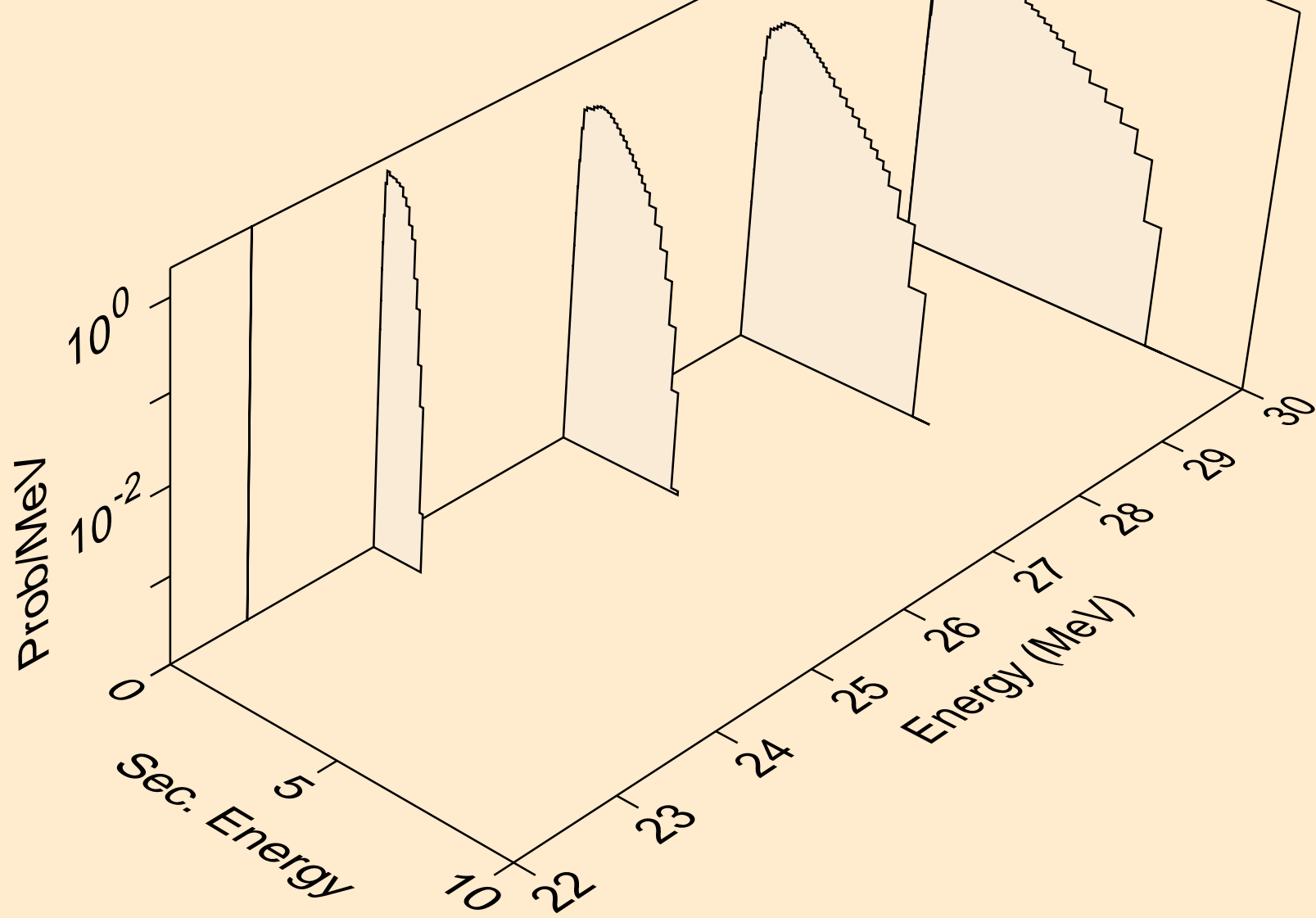
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



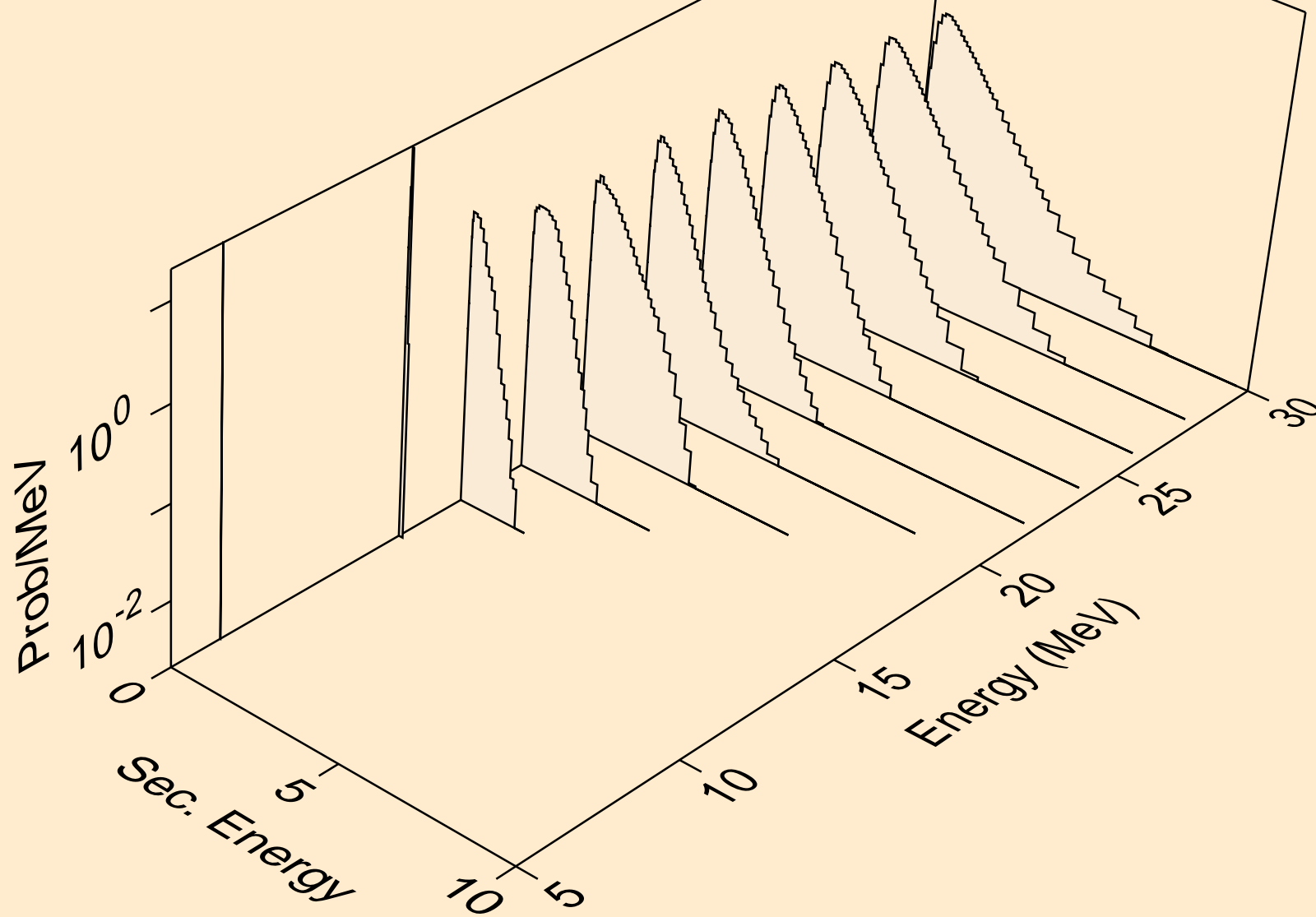
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

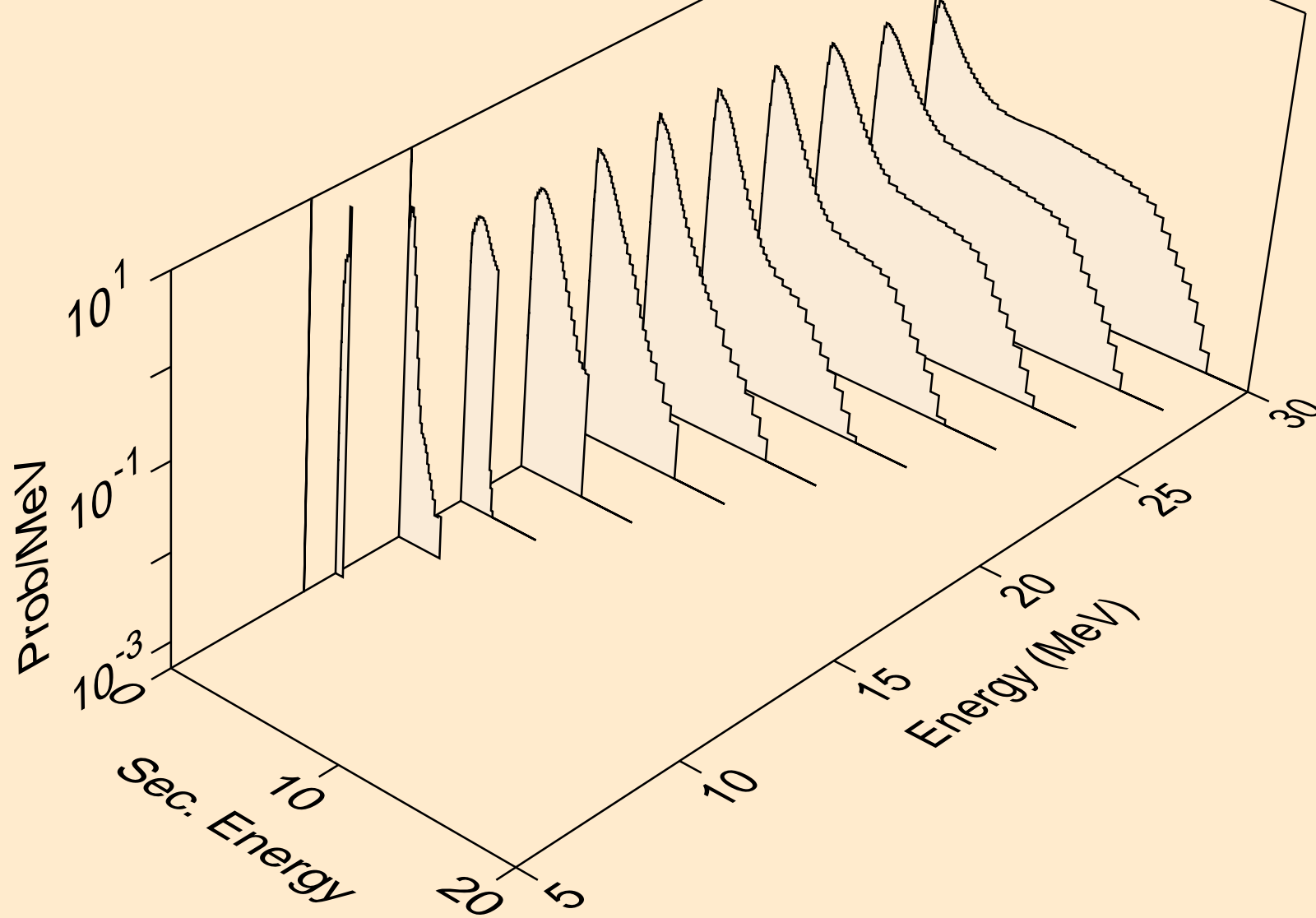


YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a

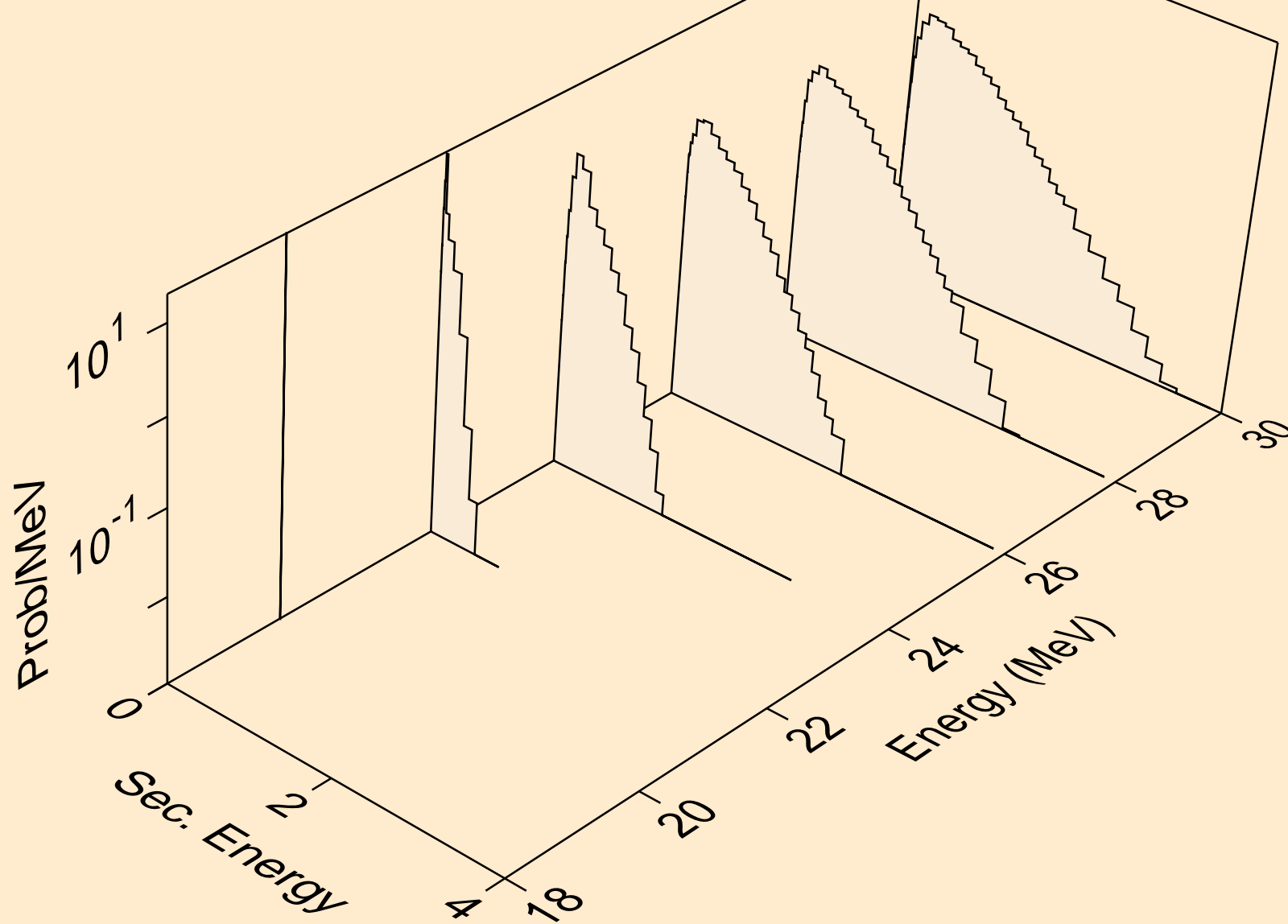




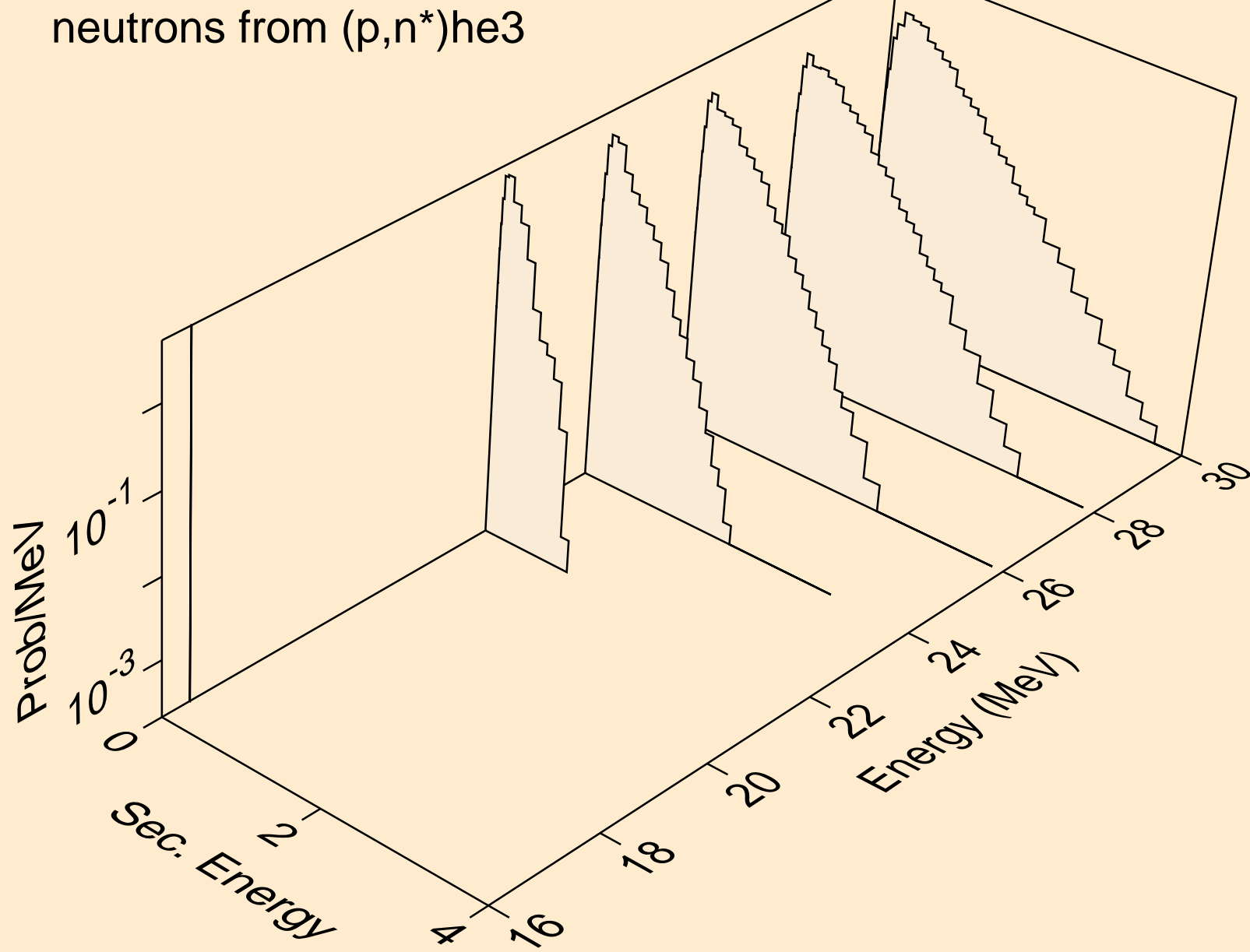
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



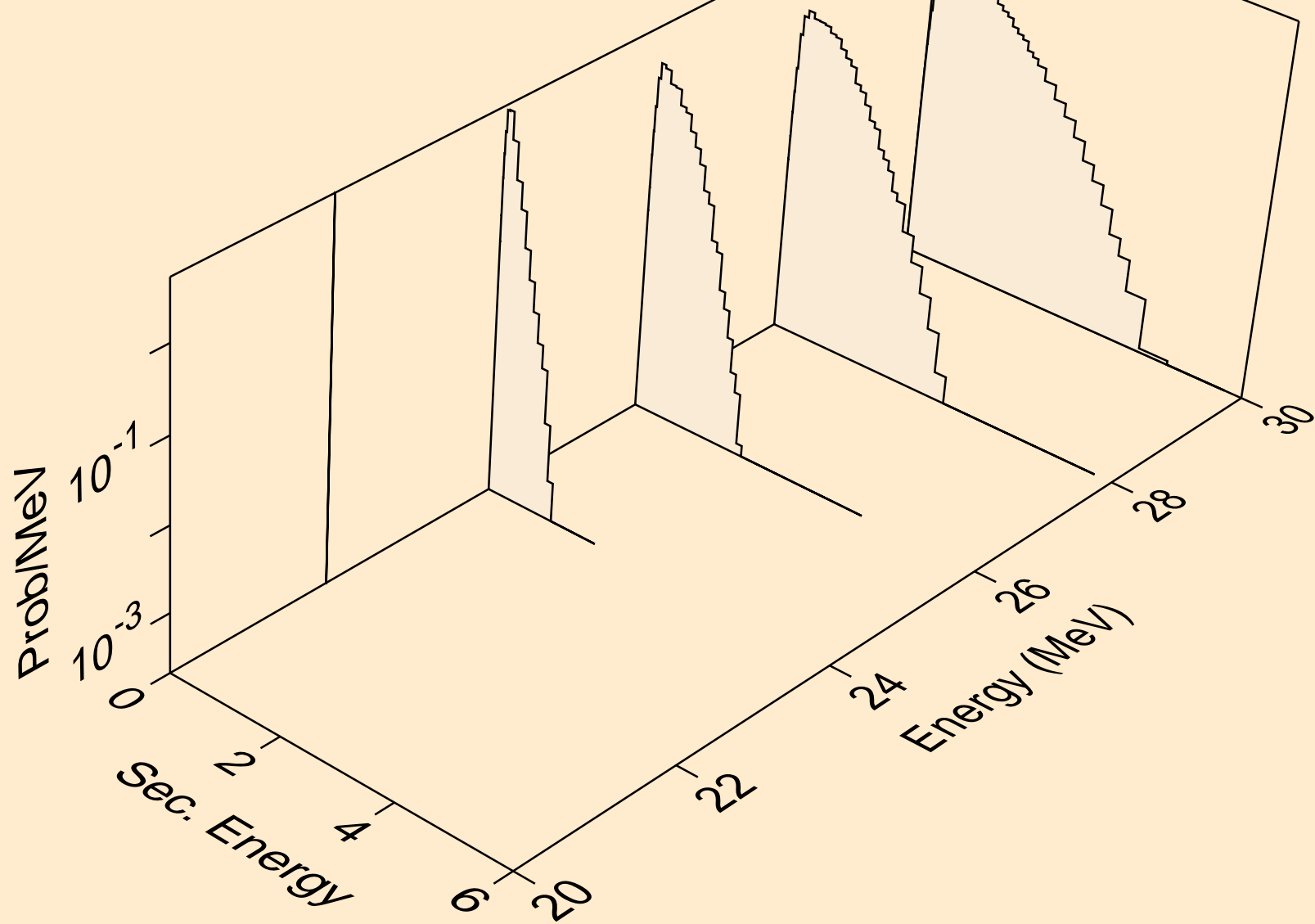
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d



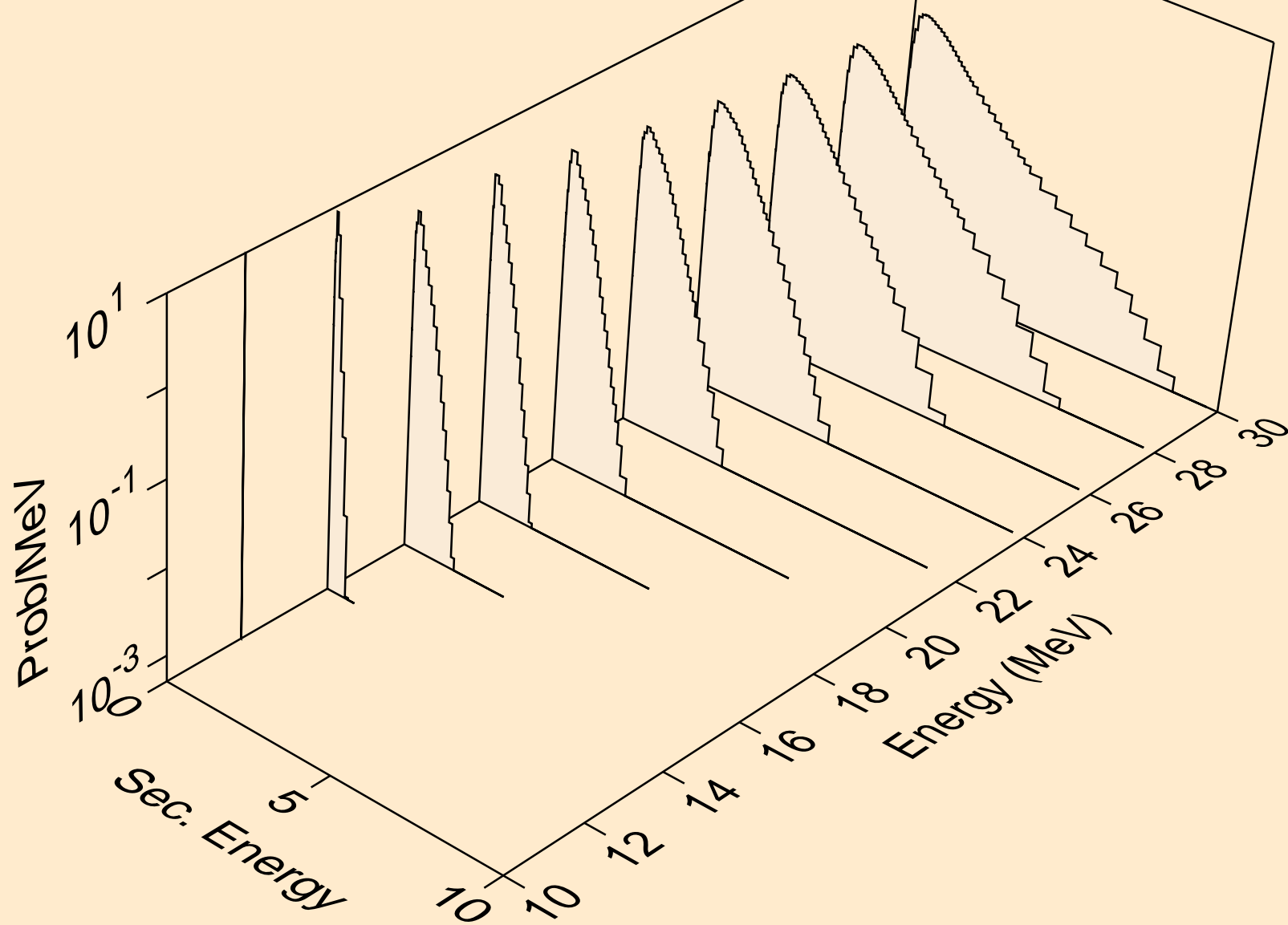
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



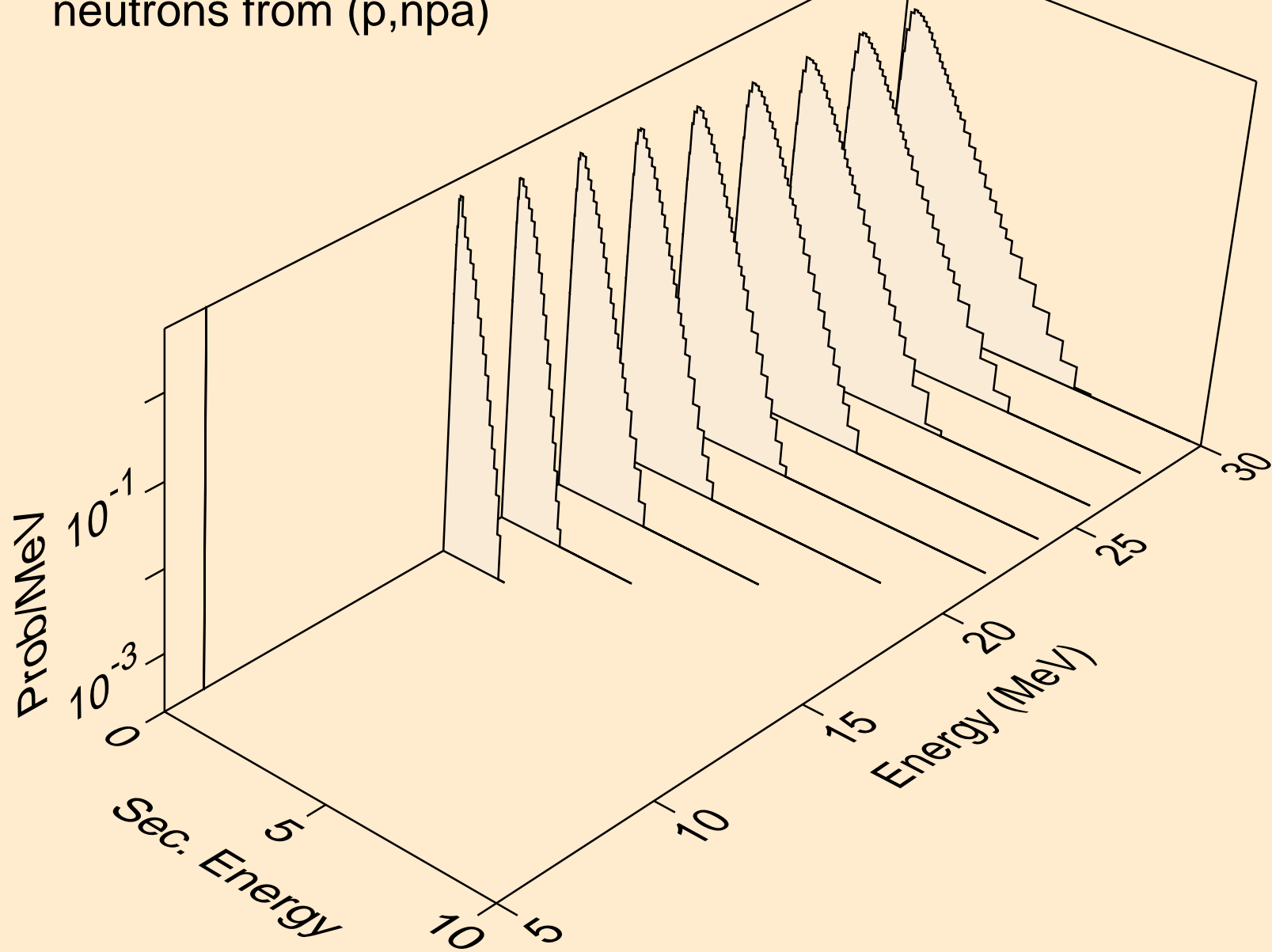
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



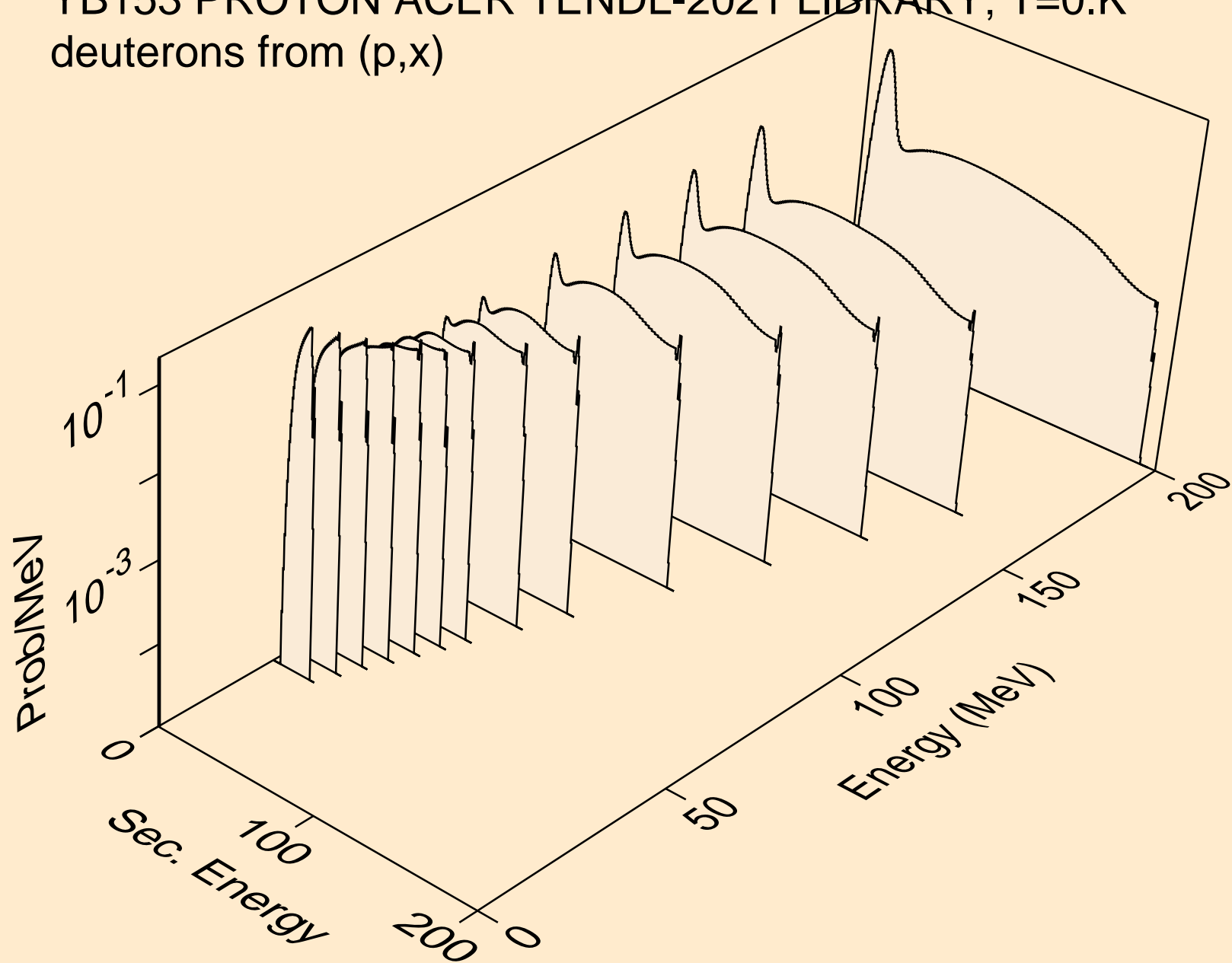
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



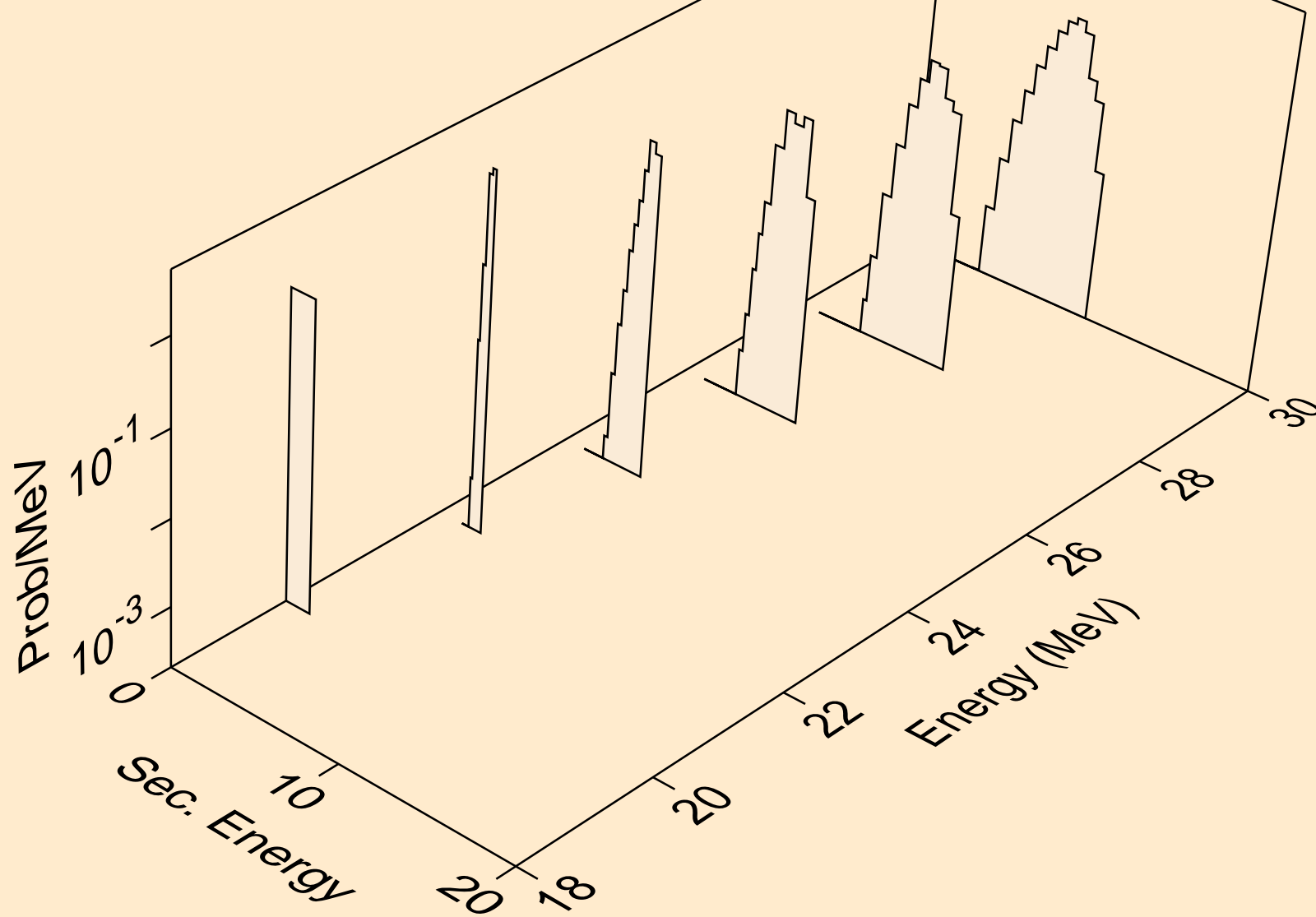
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)



YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)

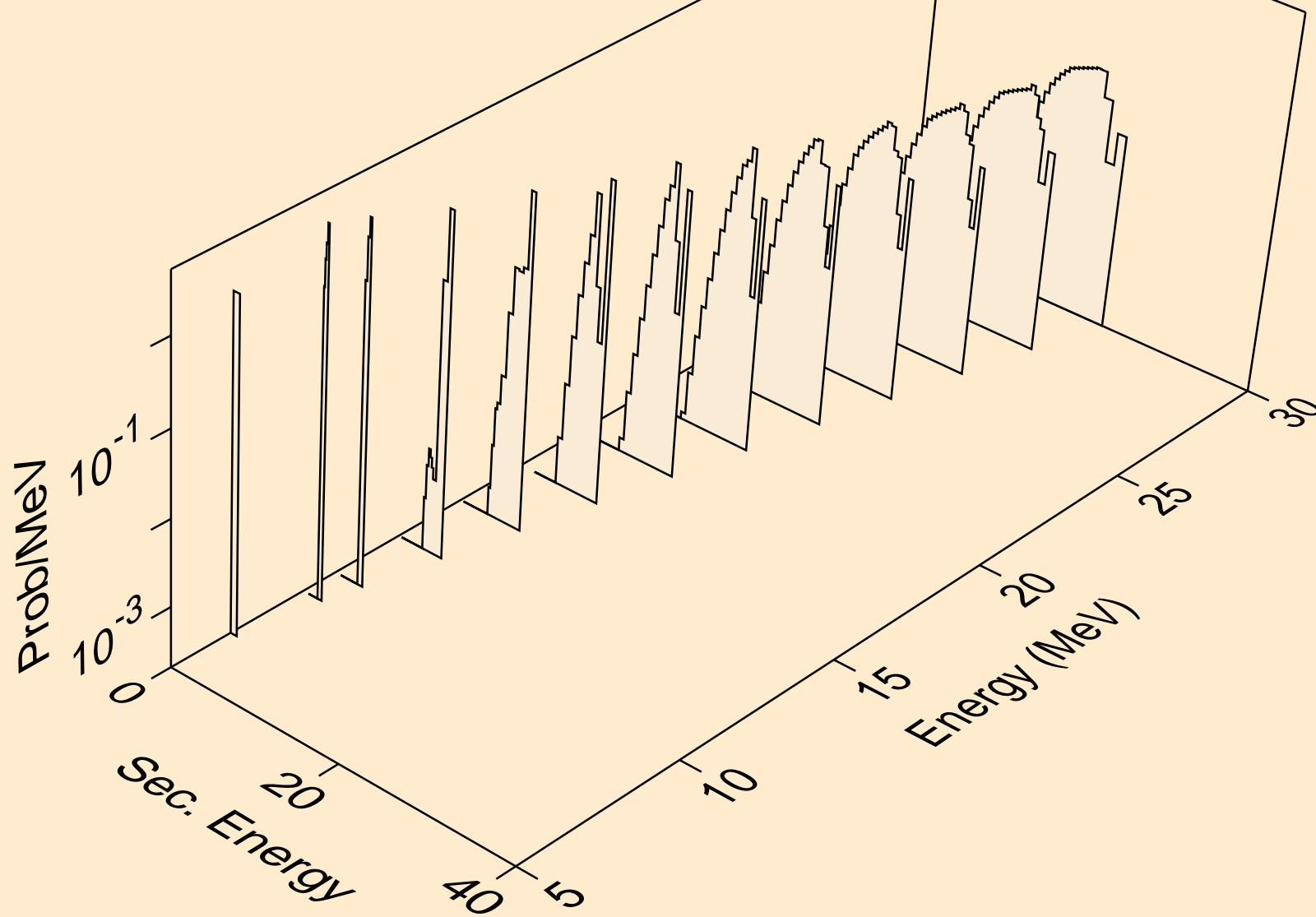


YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d

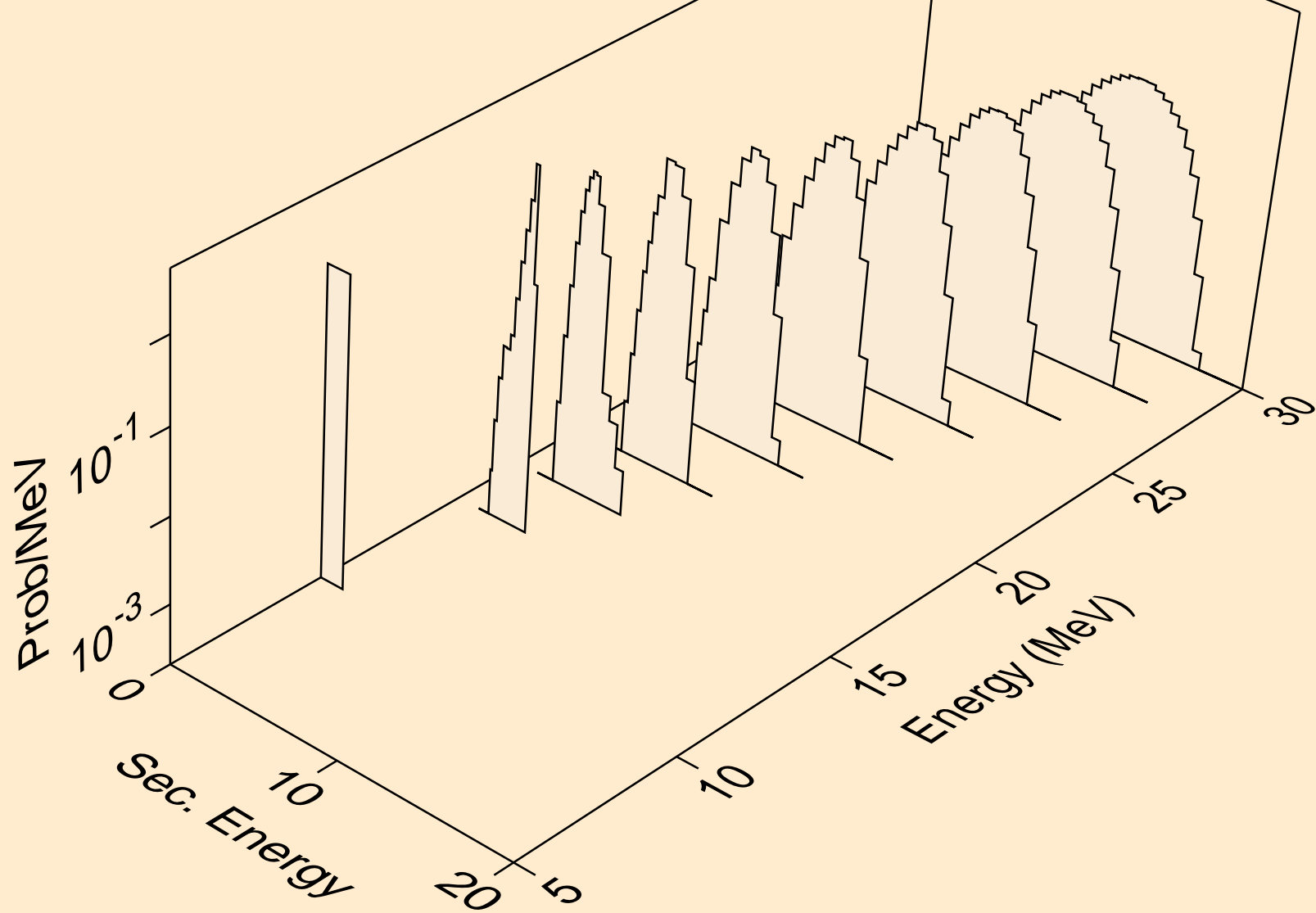




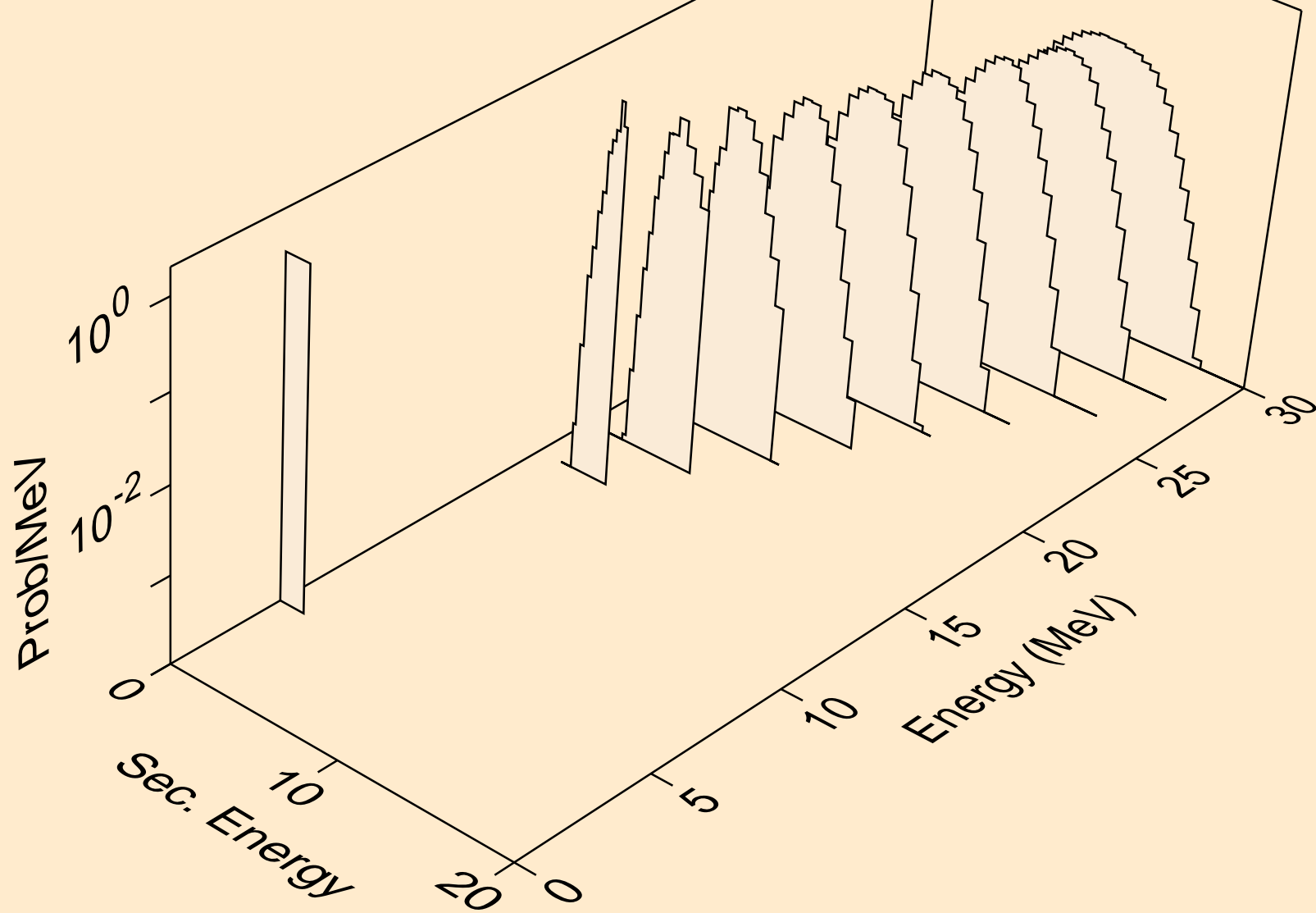
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



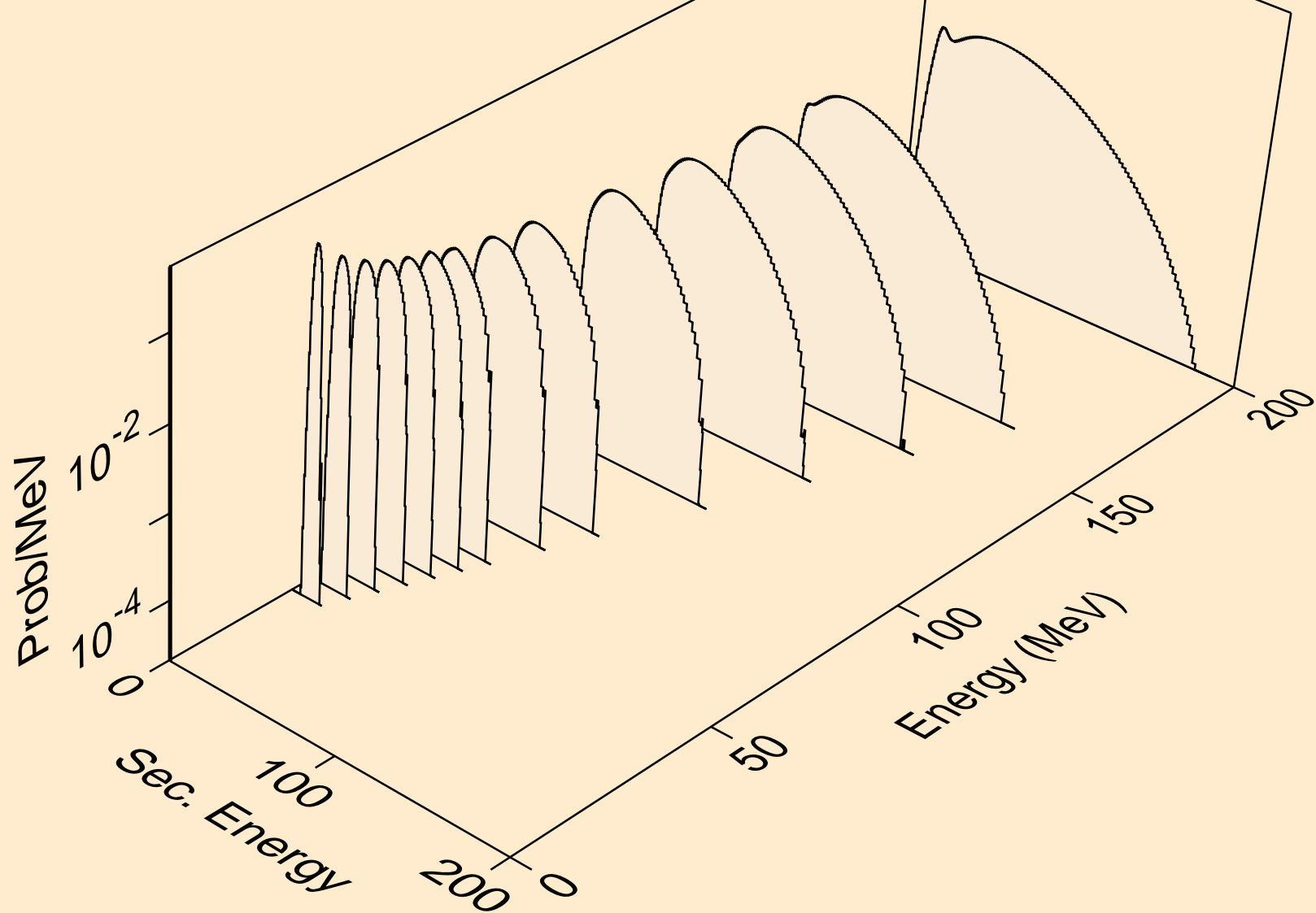
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)



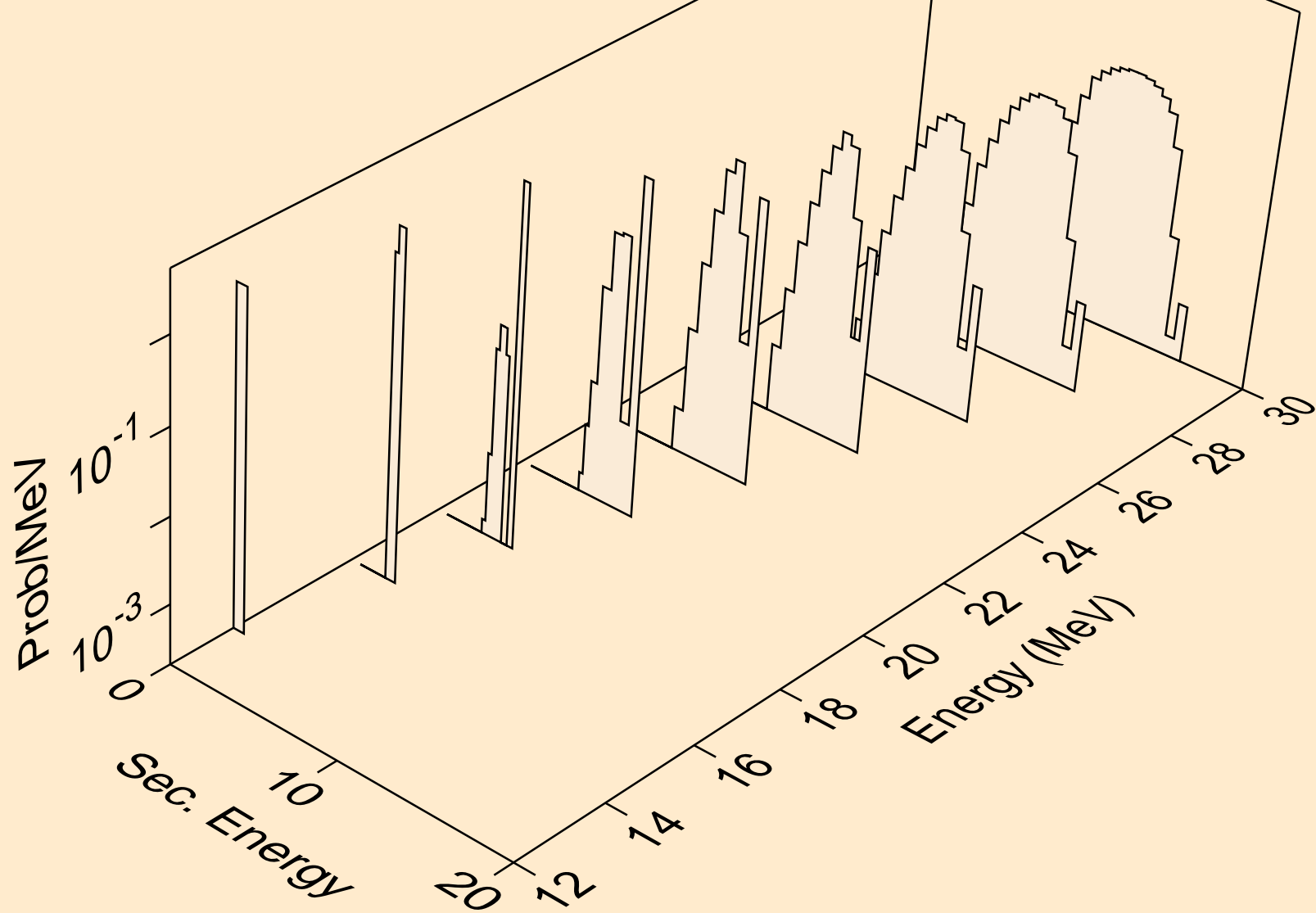
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)



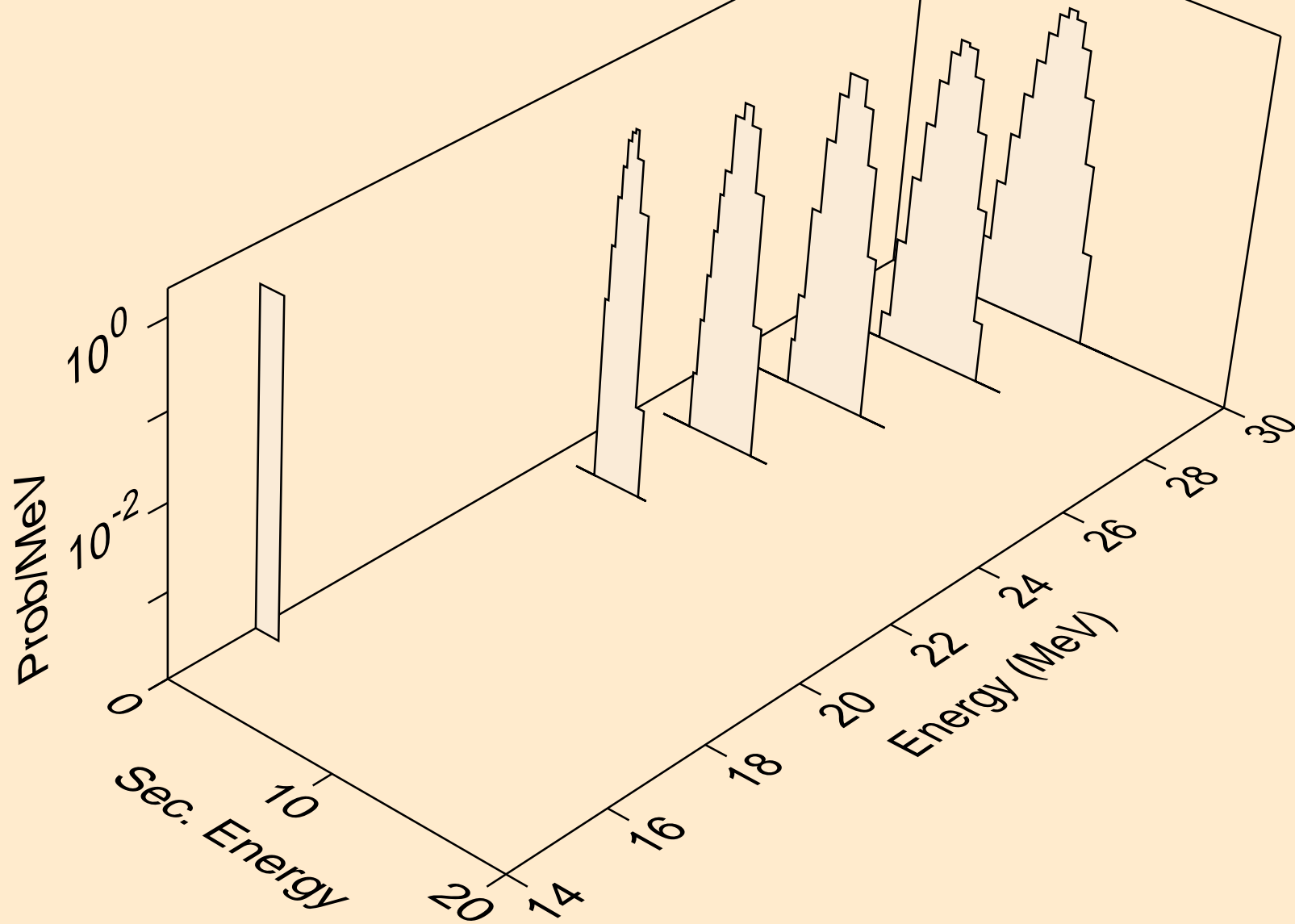
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



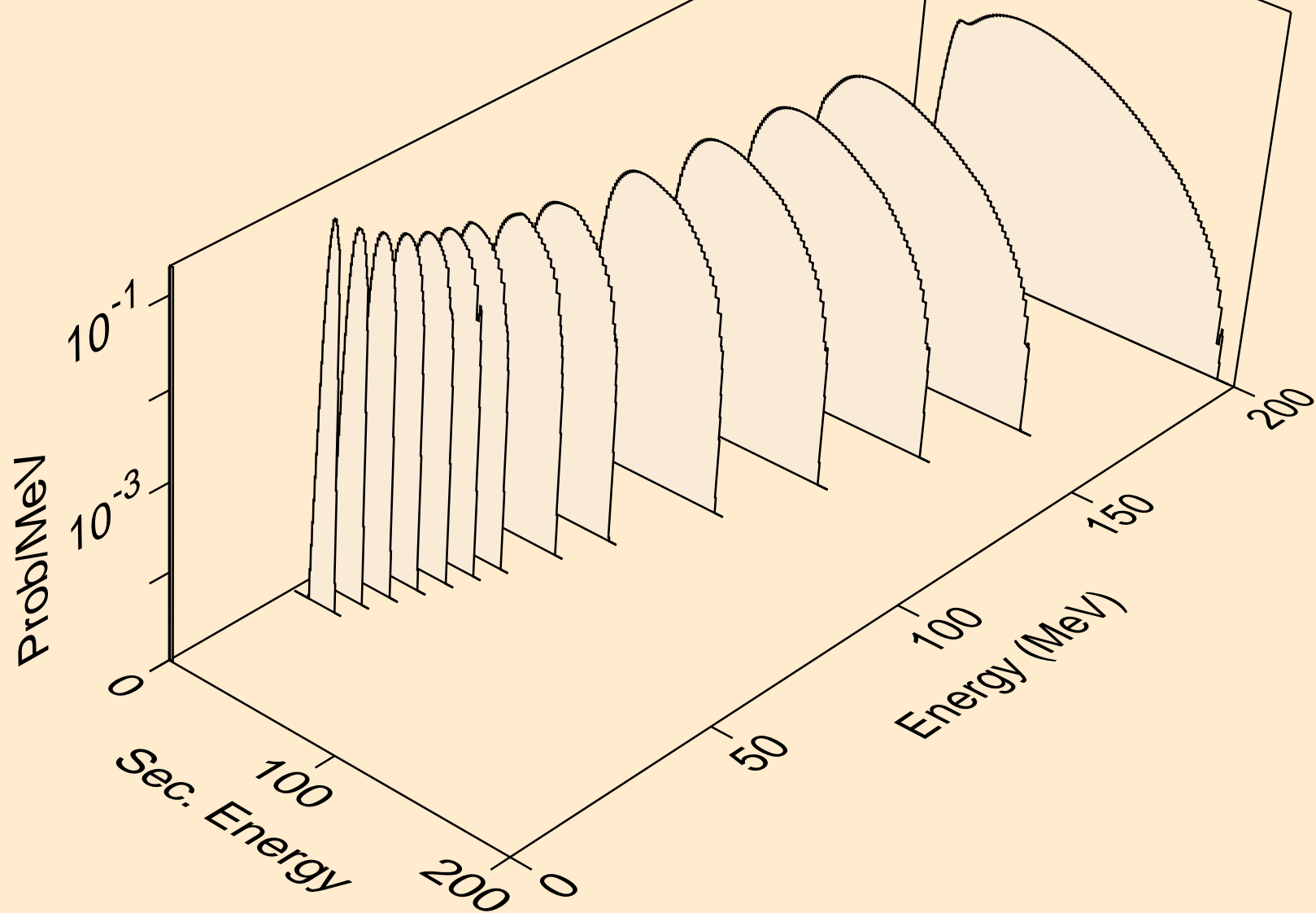
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



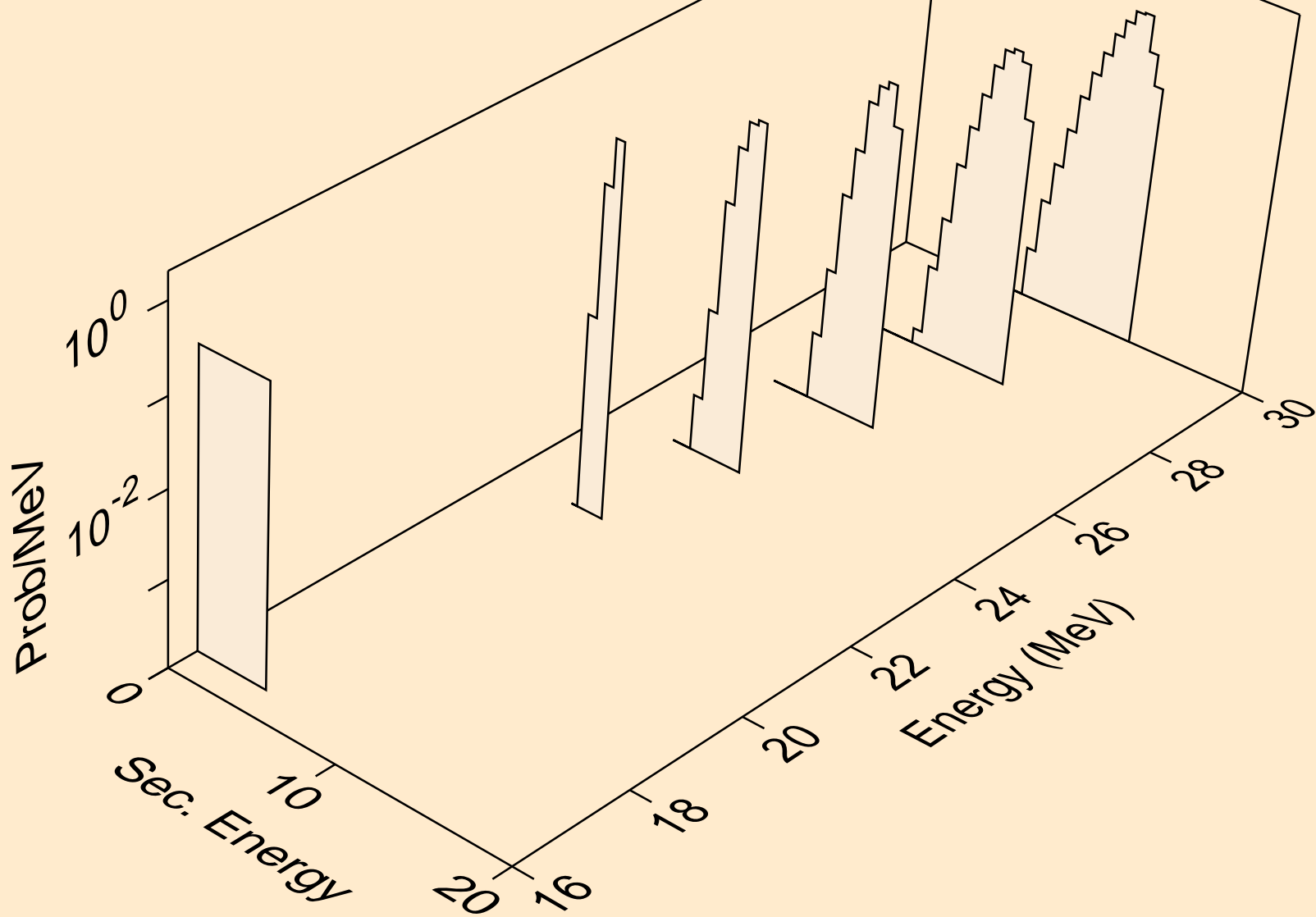
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)



YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)

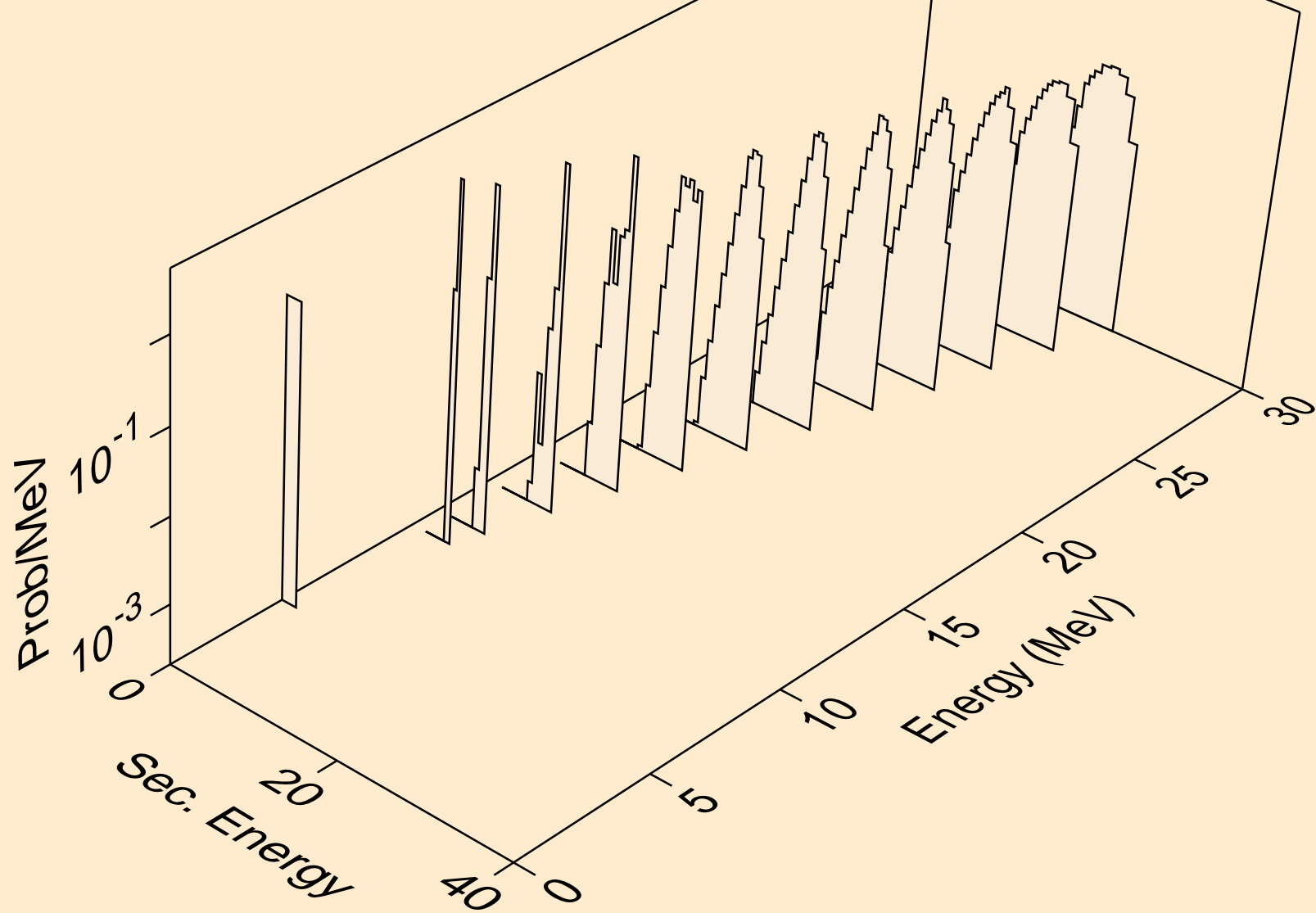


YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3

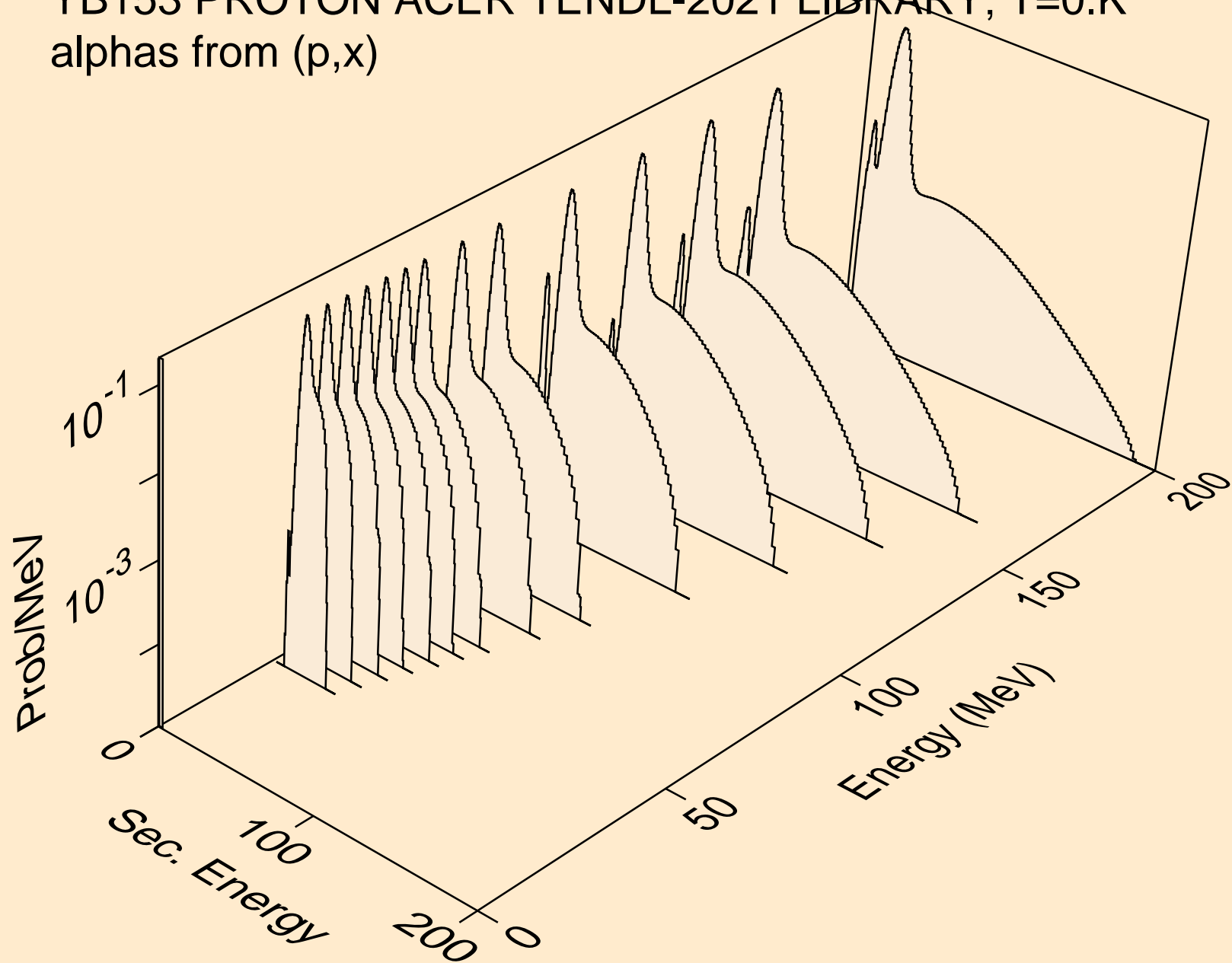




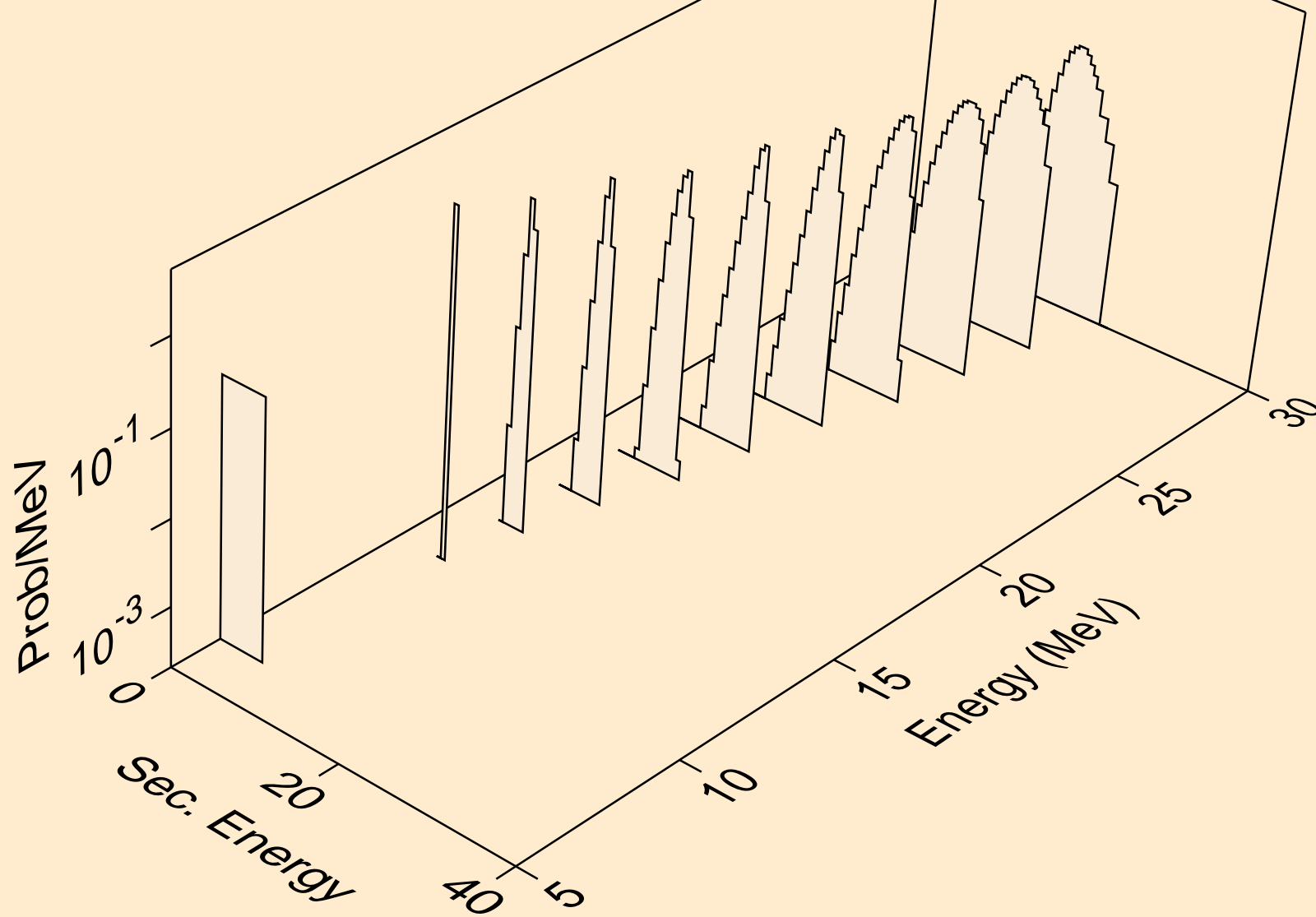
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



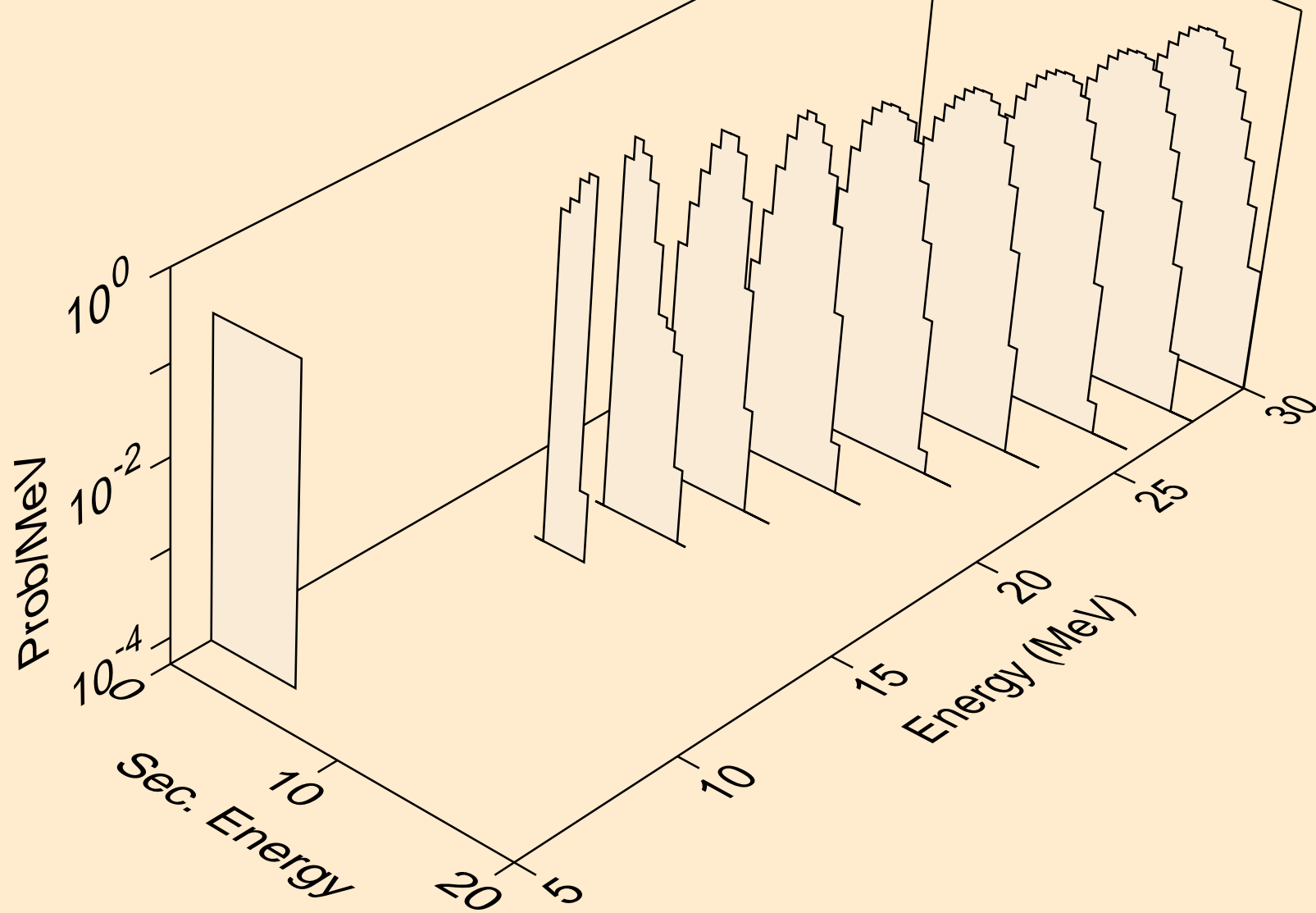
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



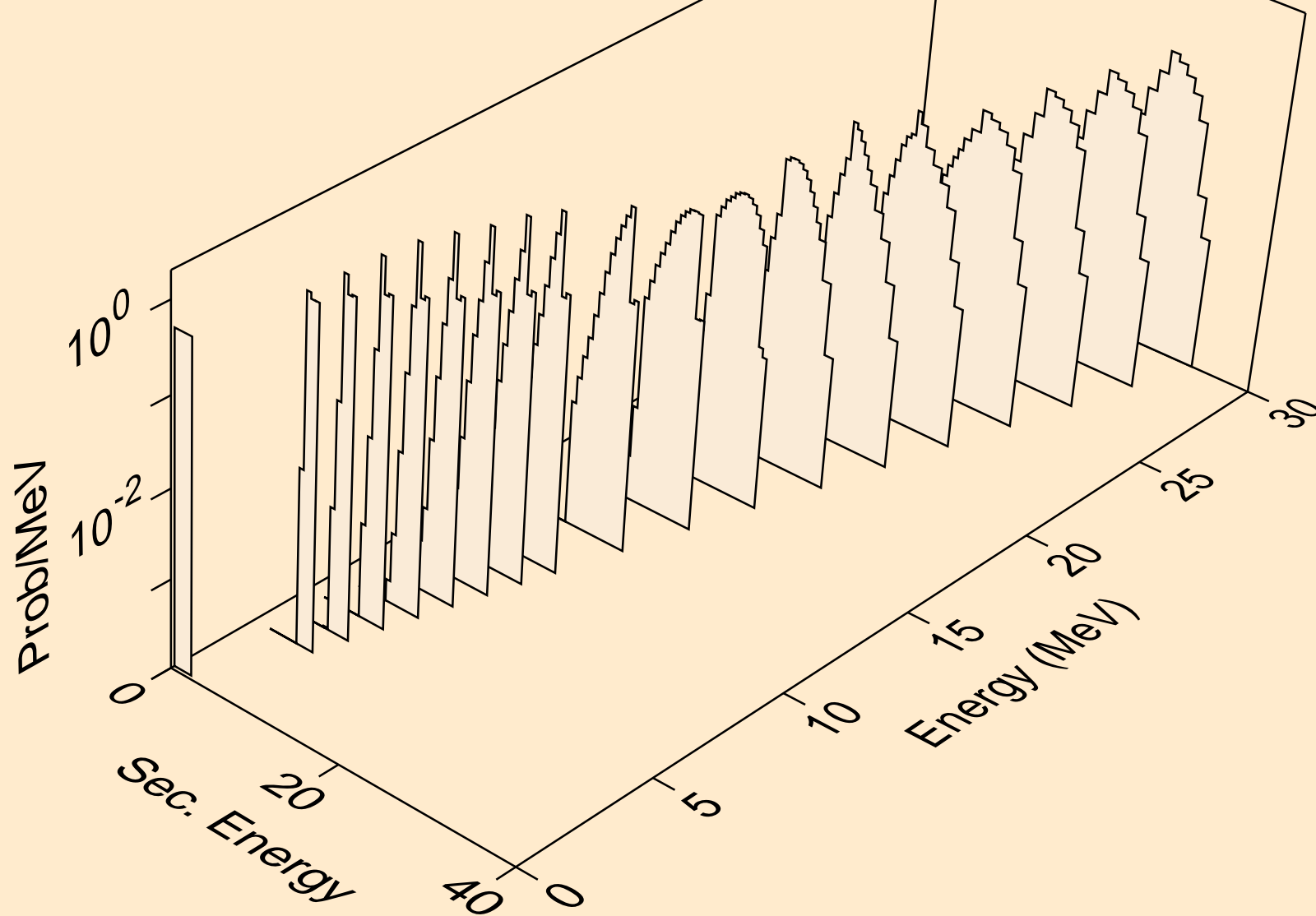
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



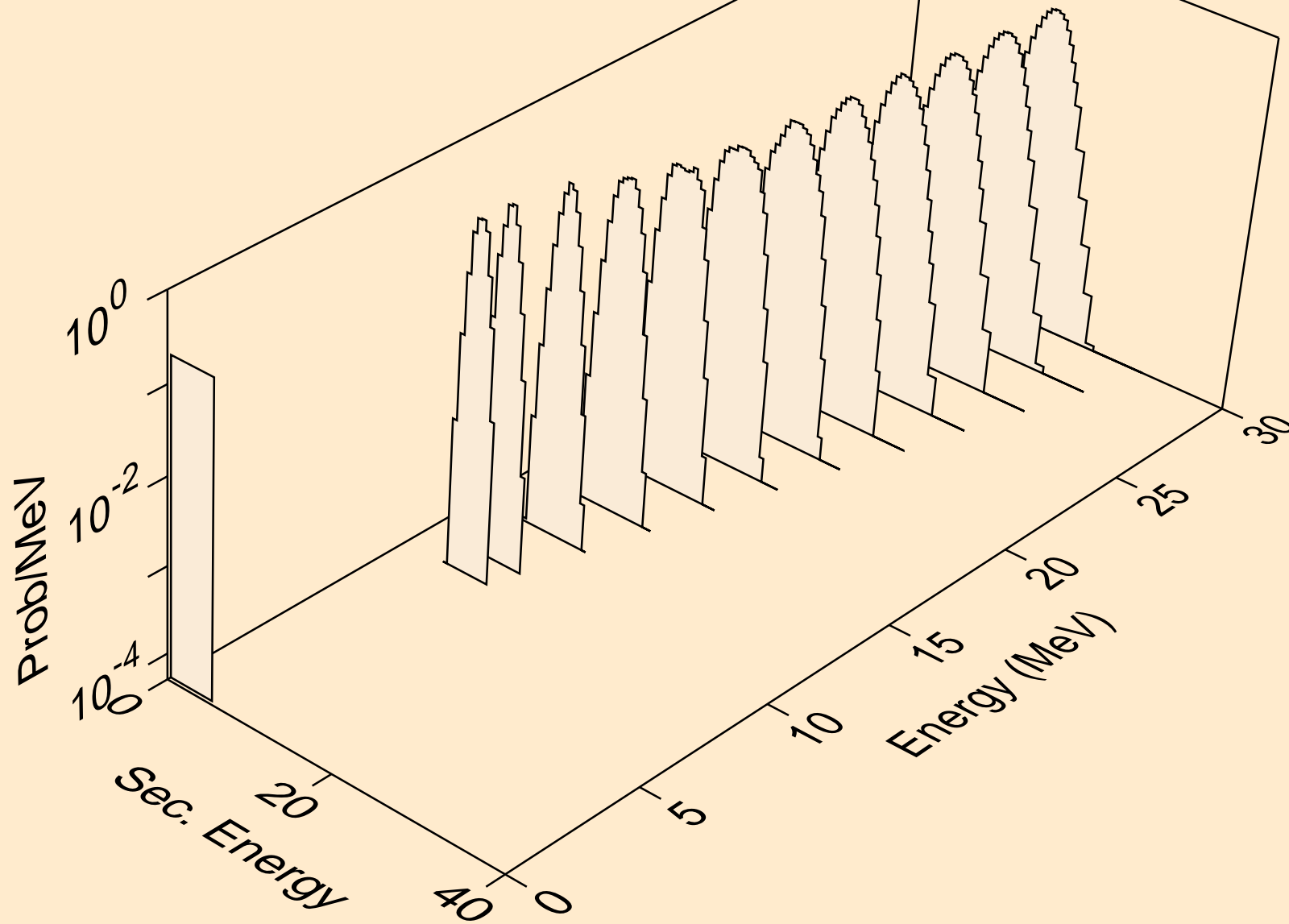
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



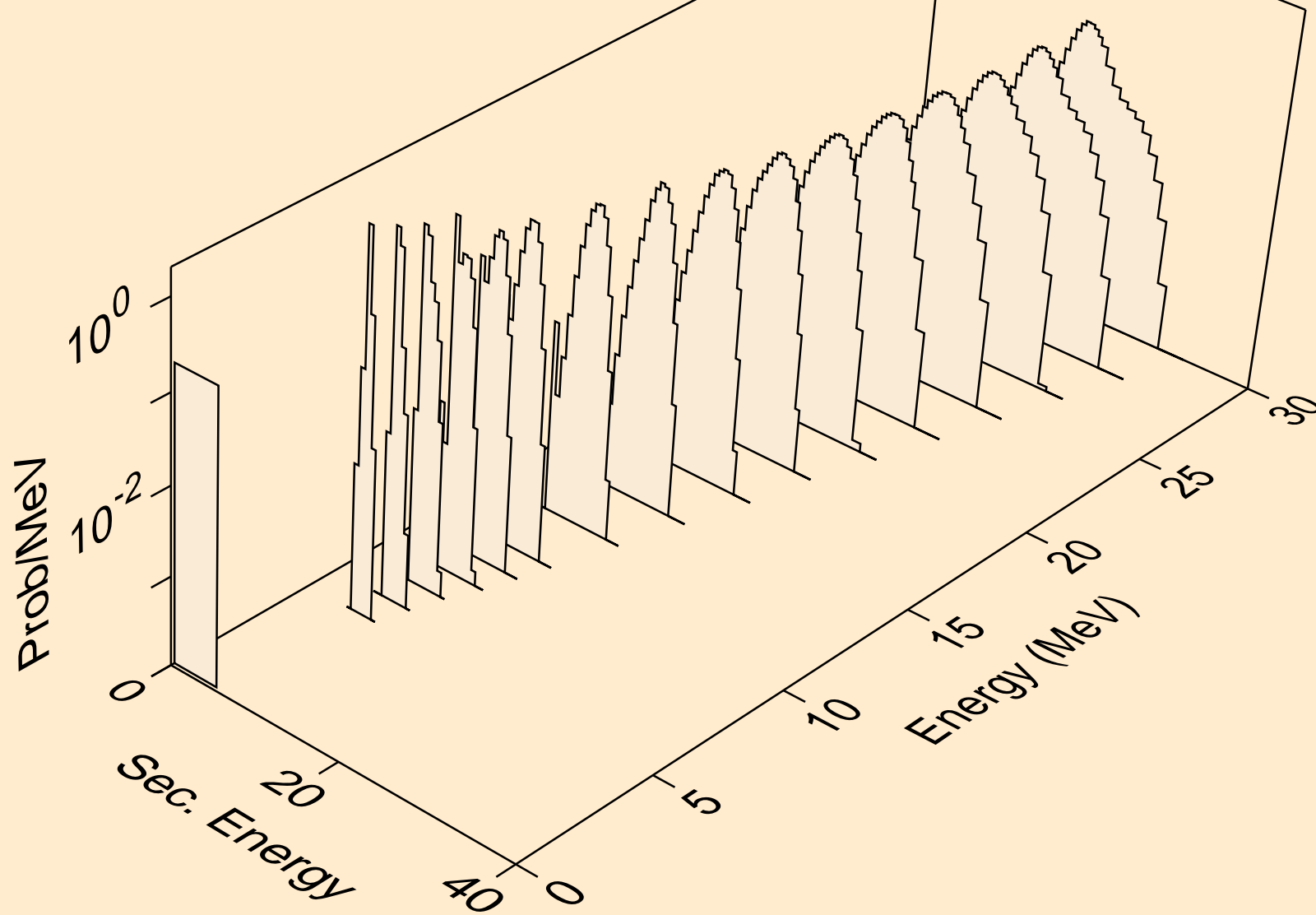
YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



YB153 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

