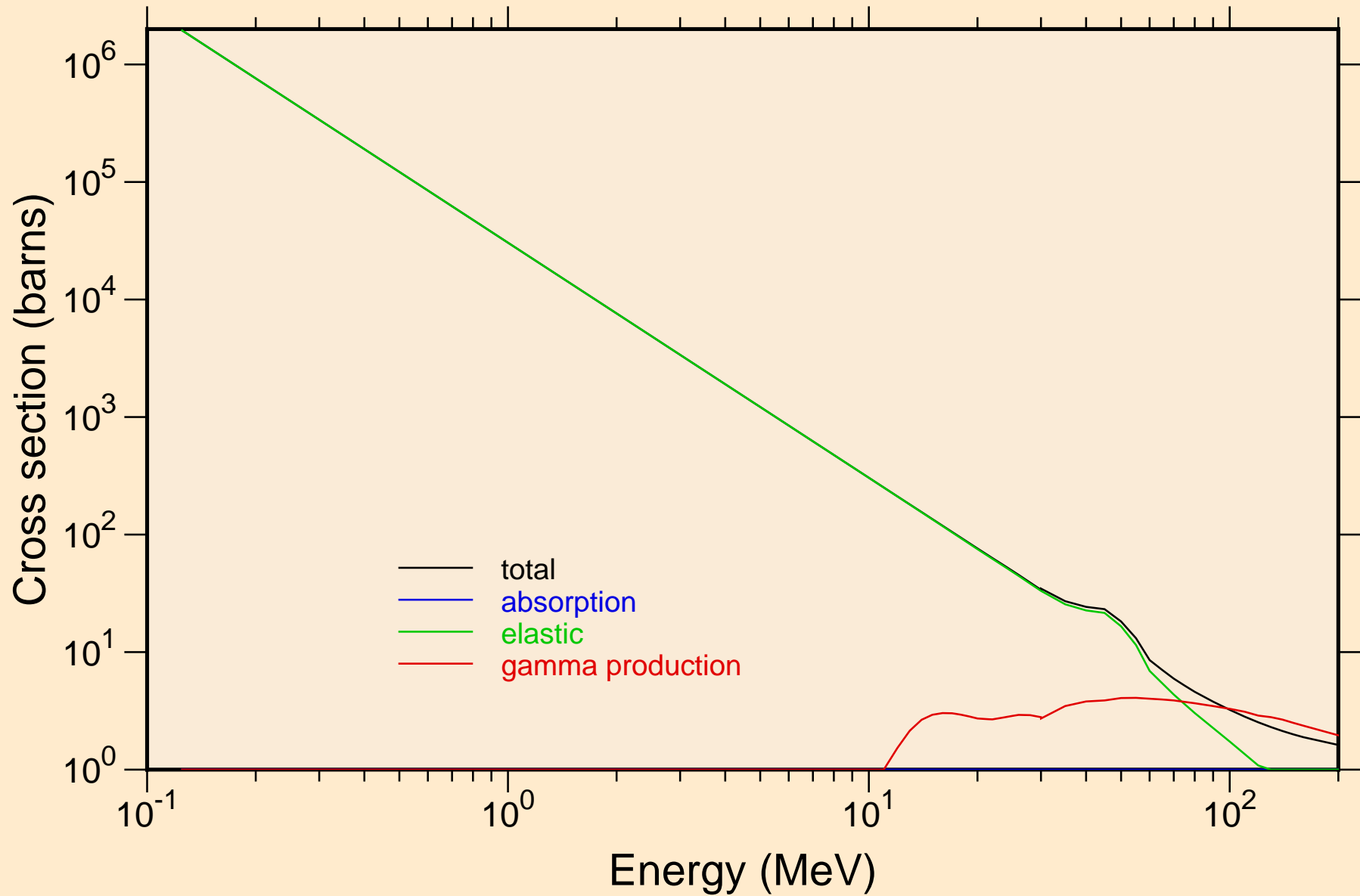


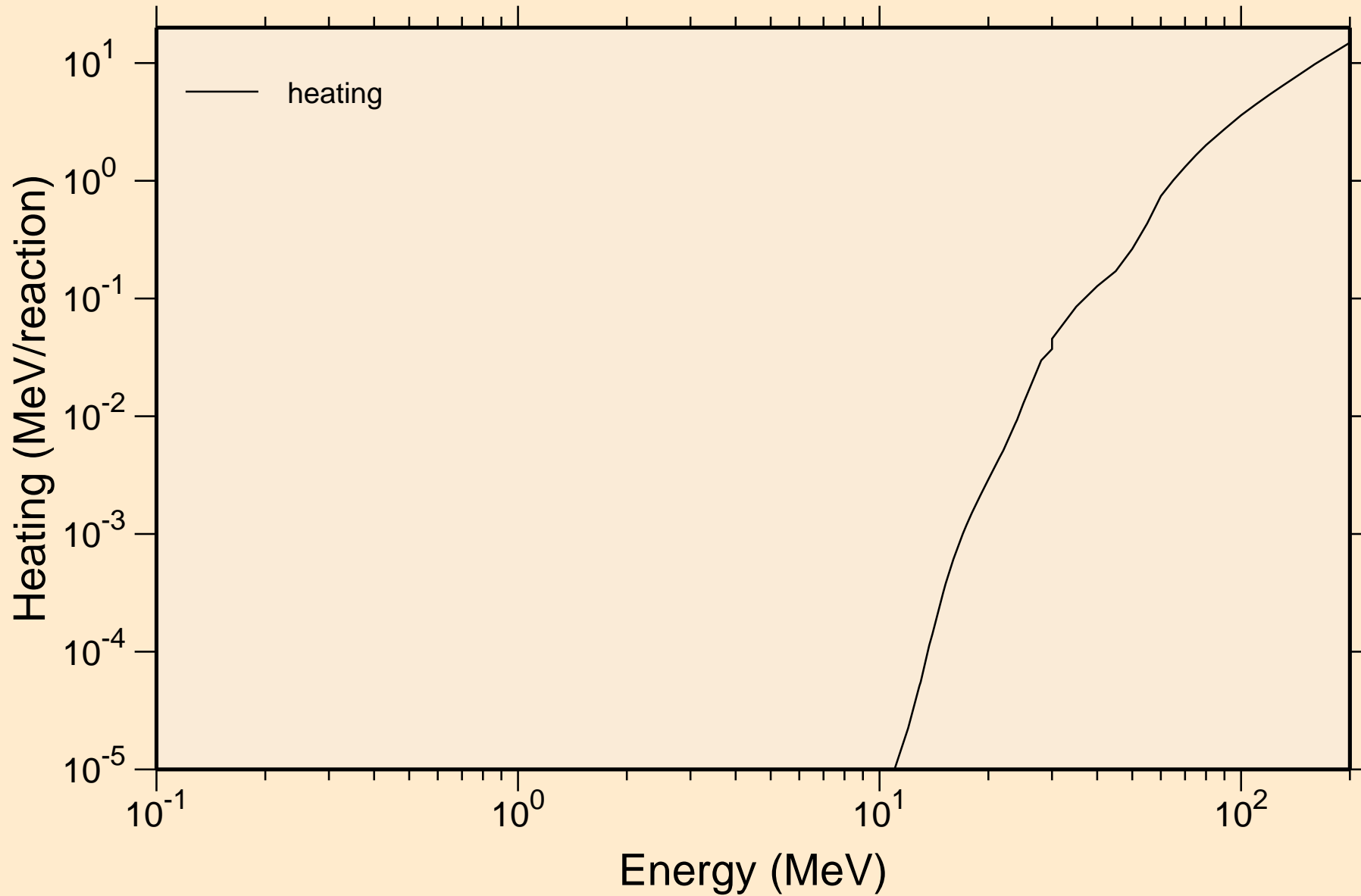
# YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



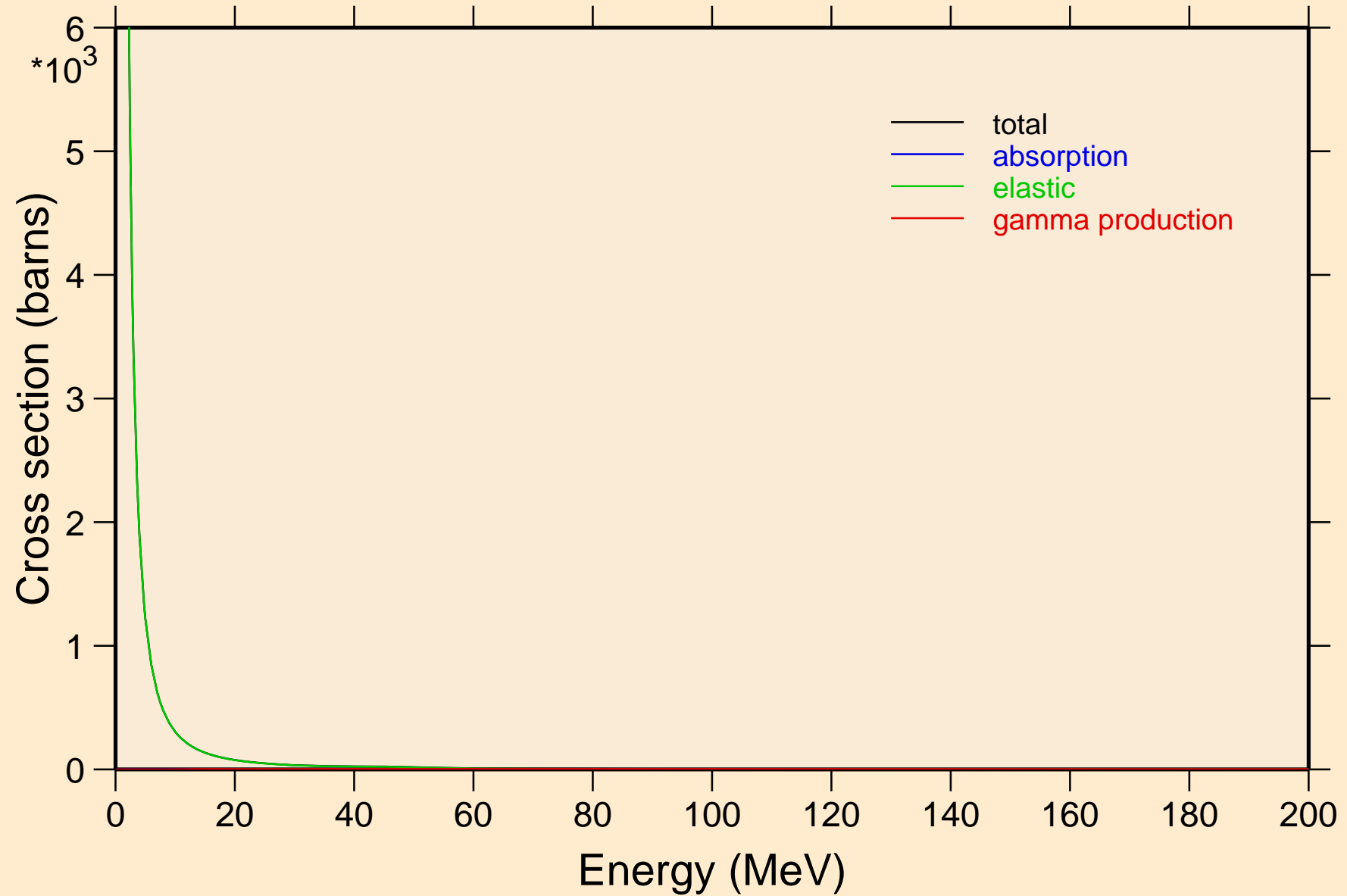
# YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



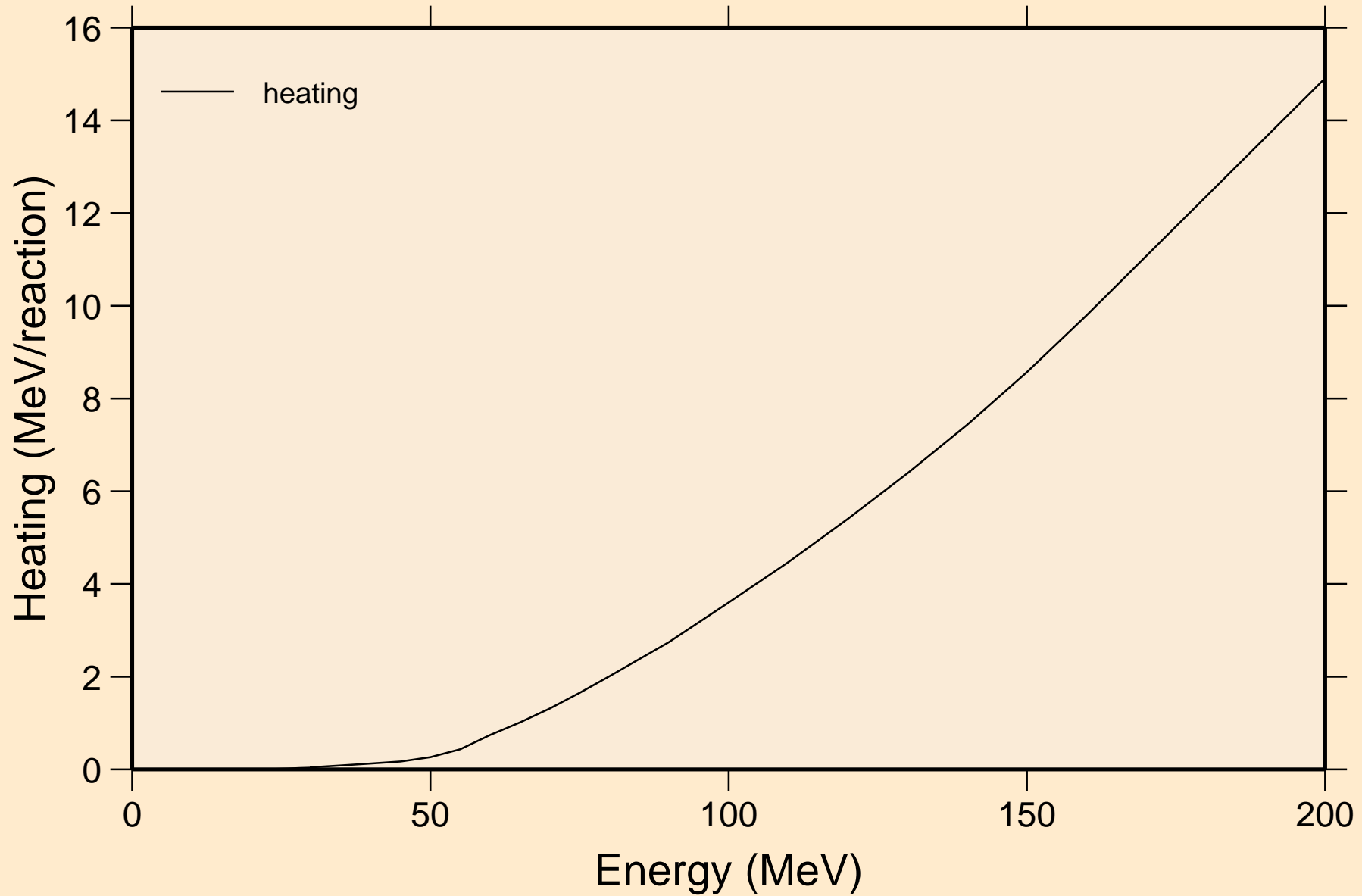
# YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



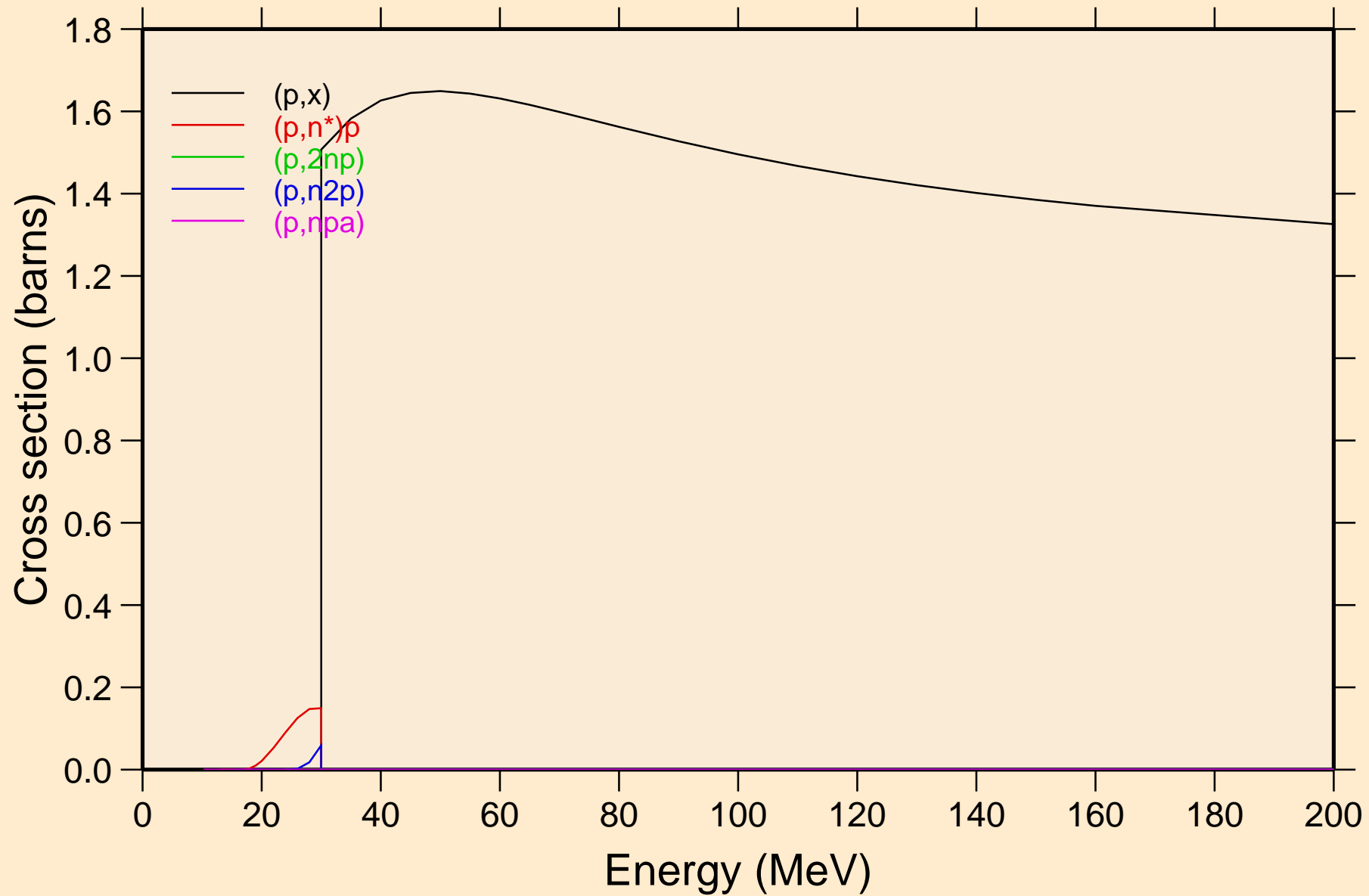
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

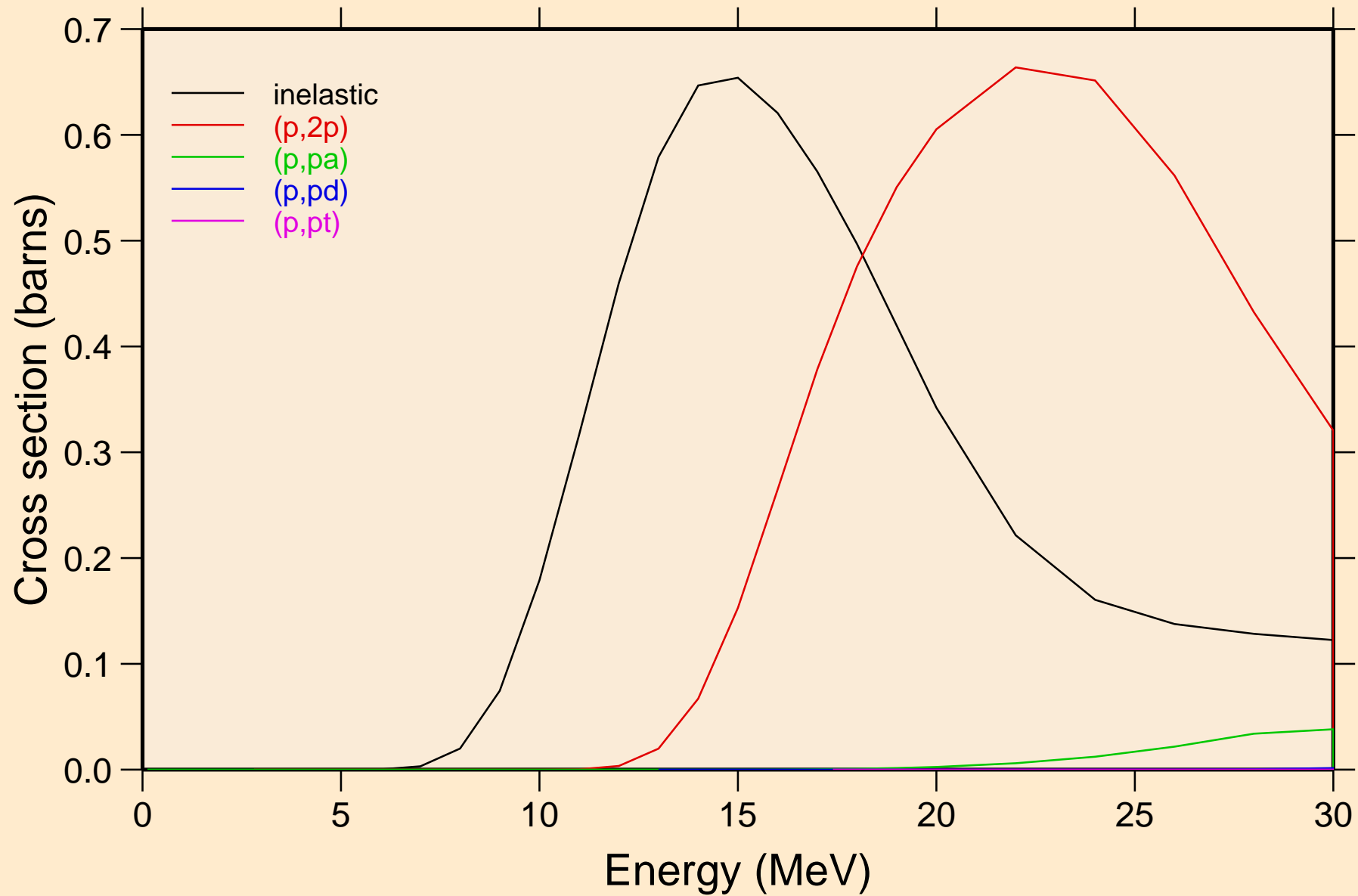


# YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K

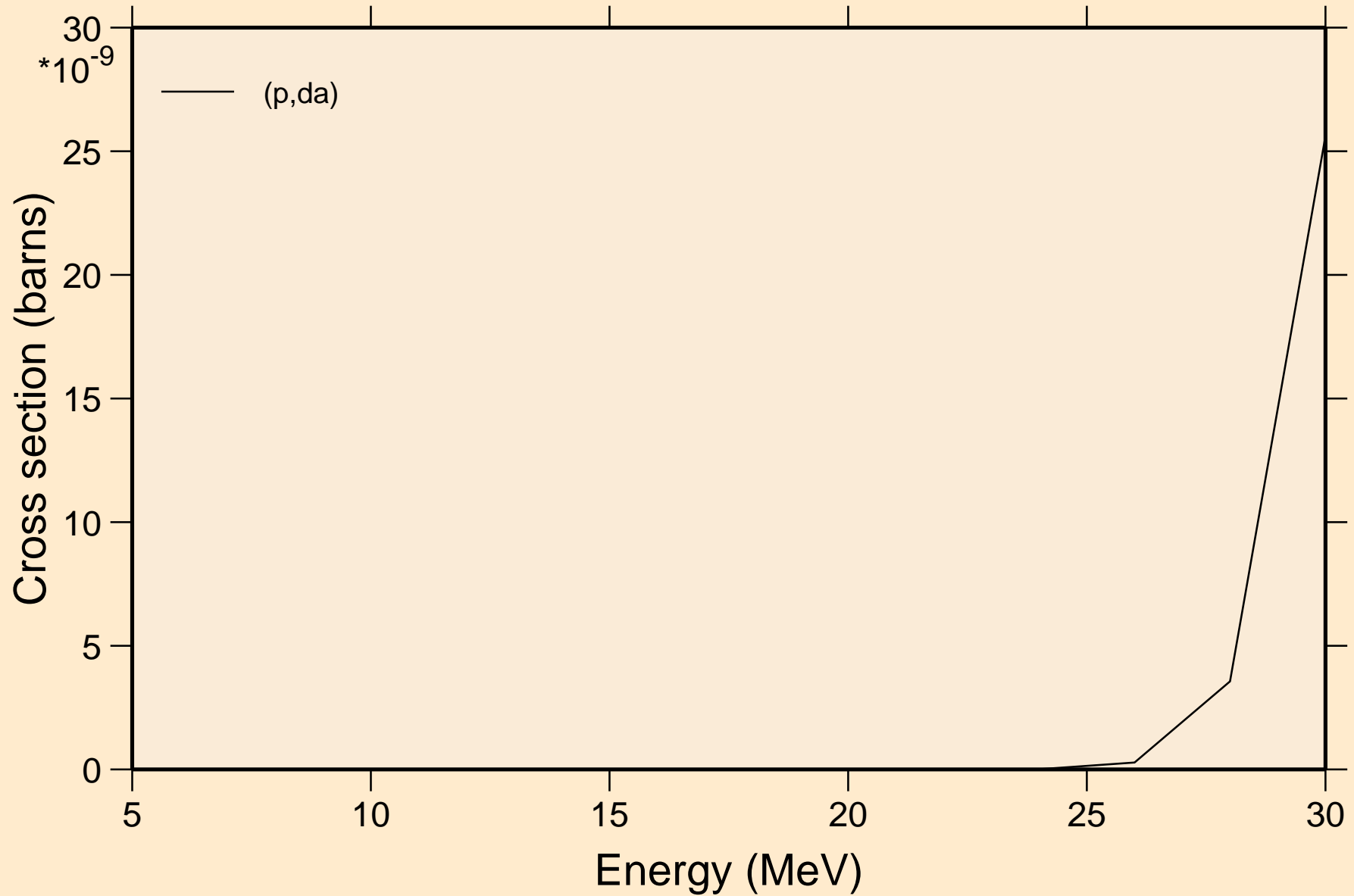
## Threshold reactions



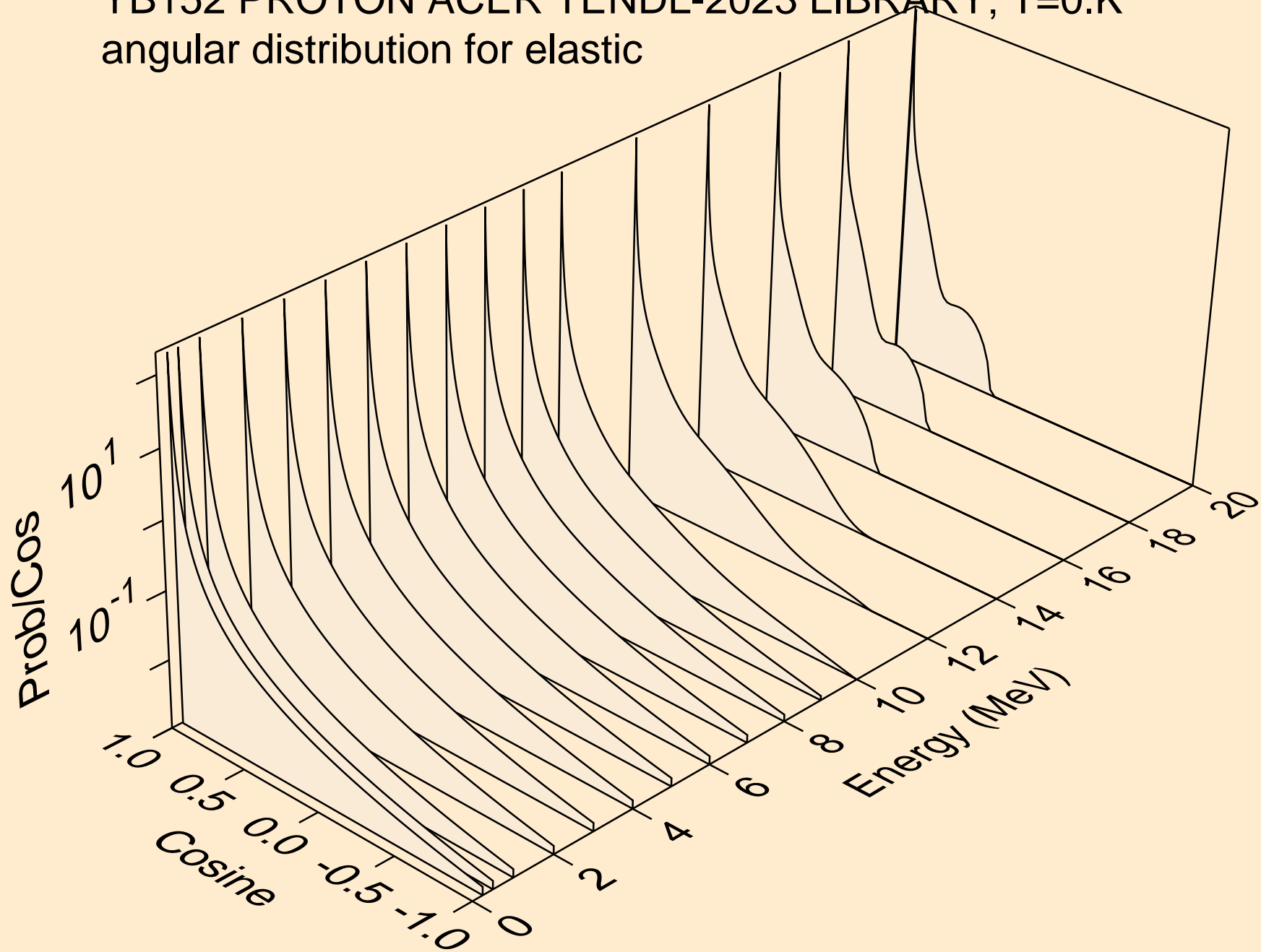
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

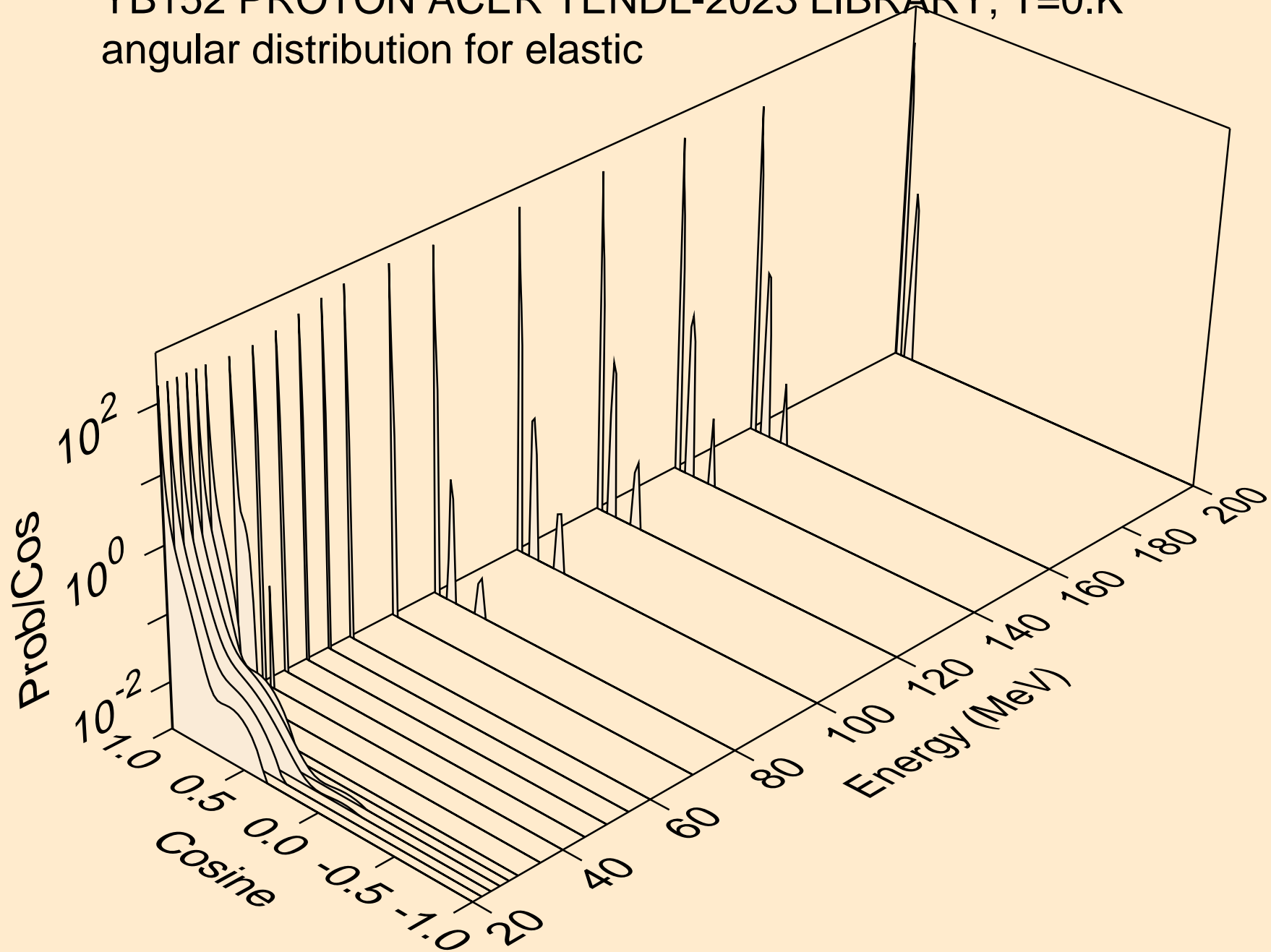


YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

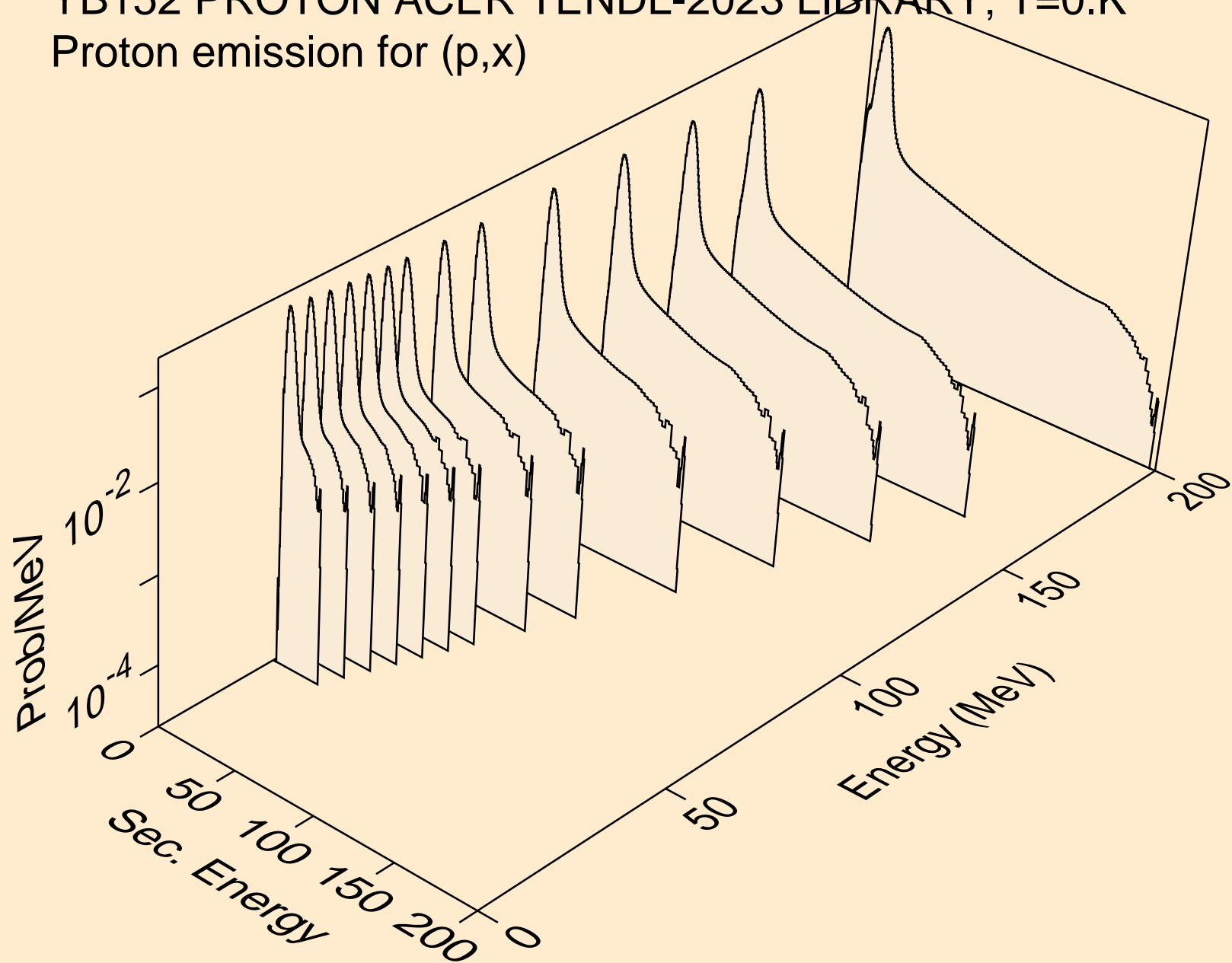




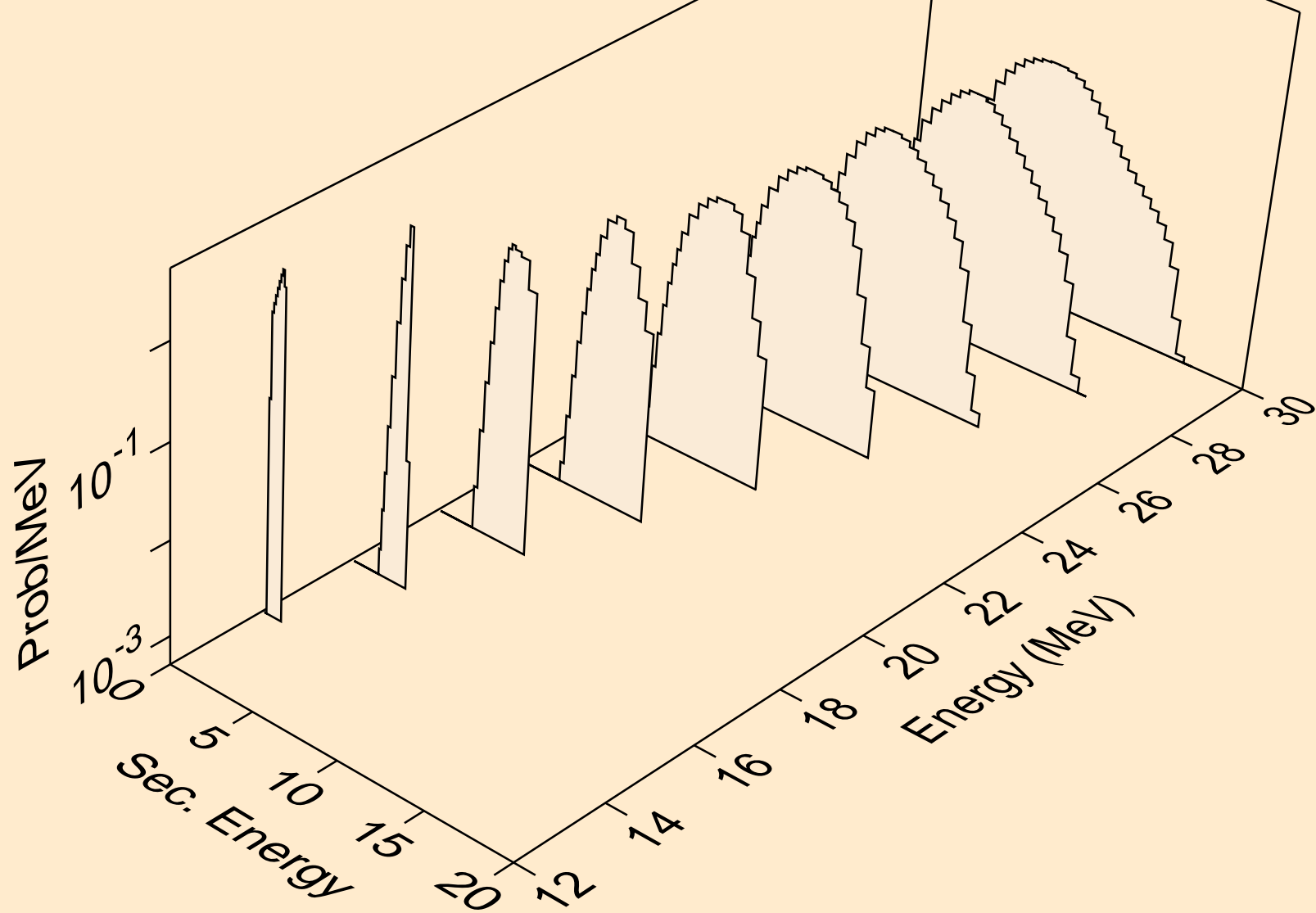
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



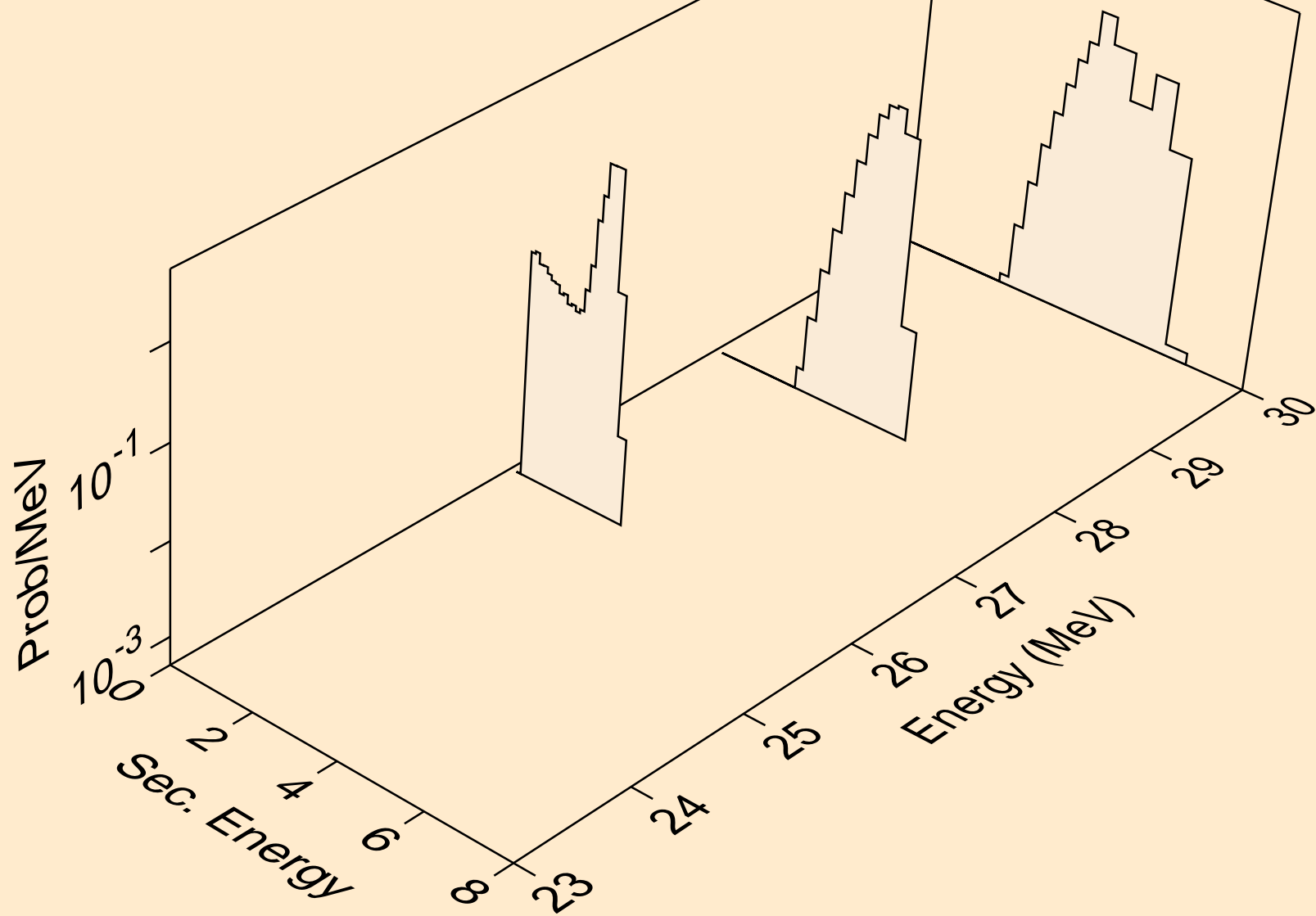
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



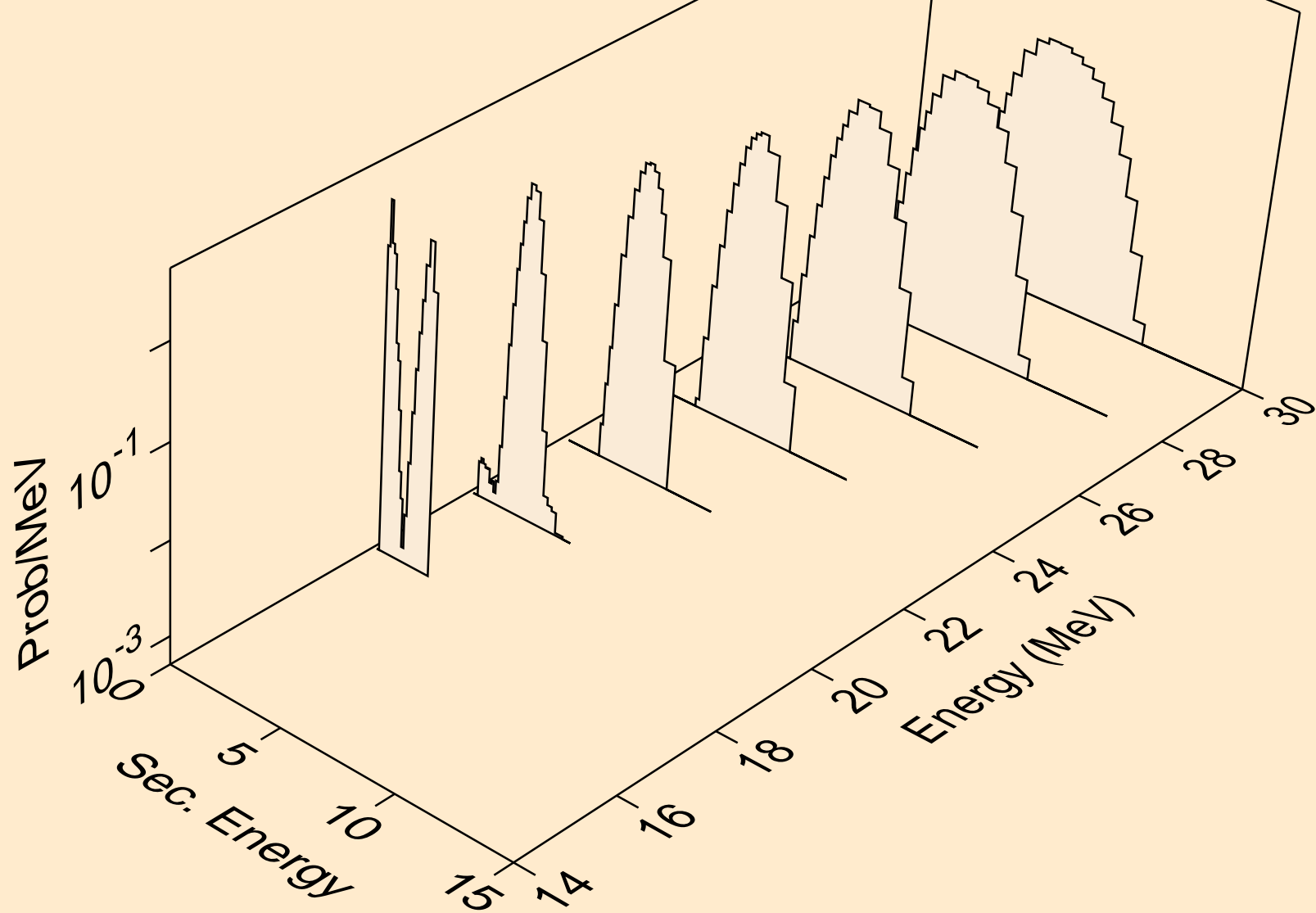
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



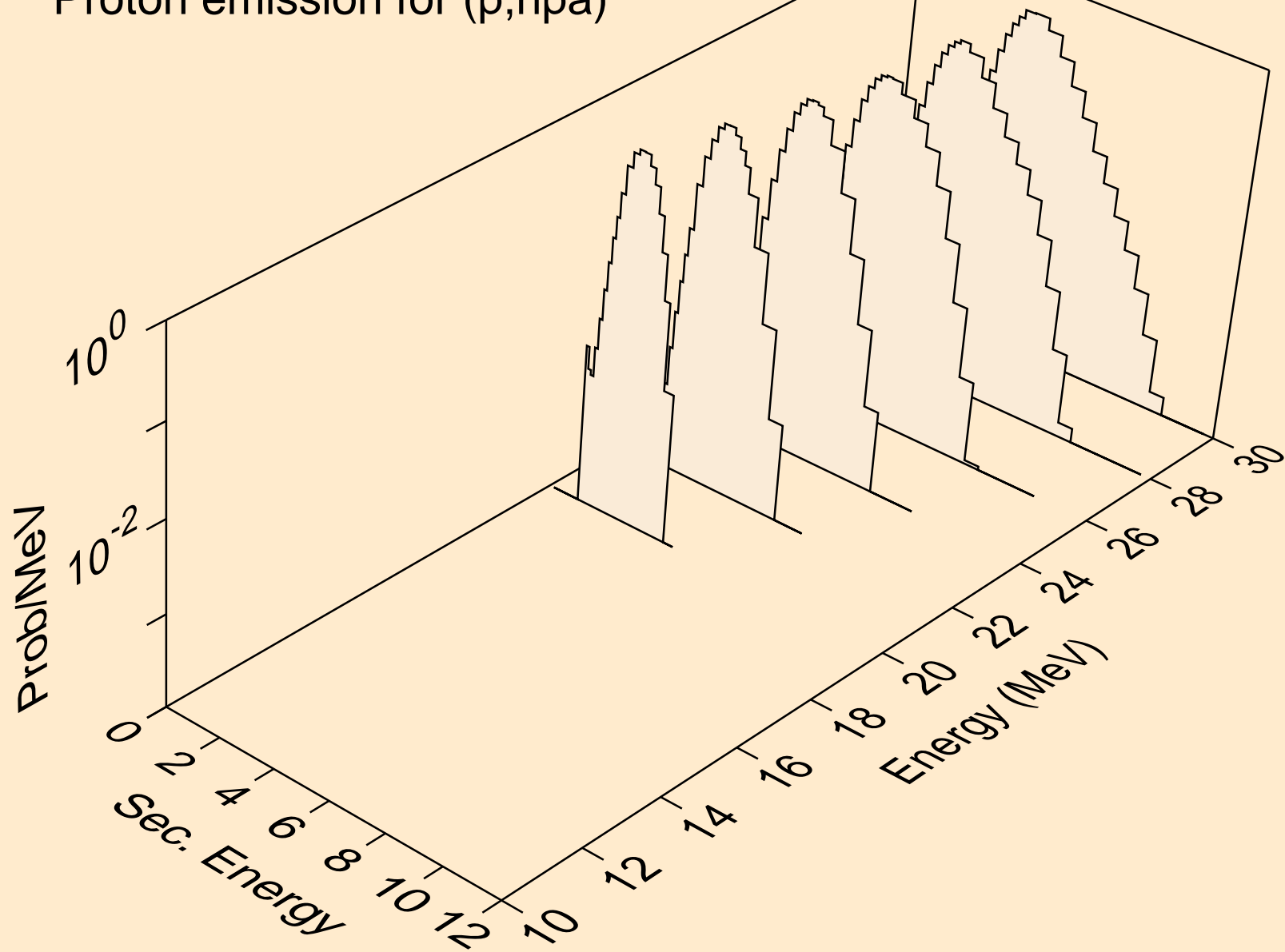
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



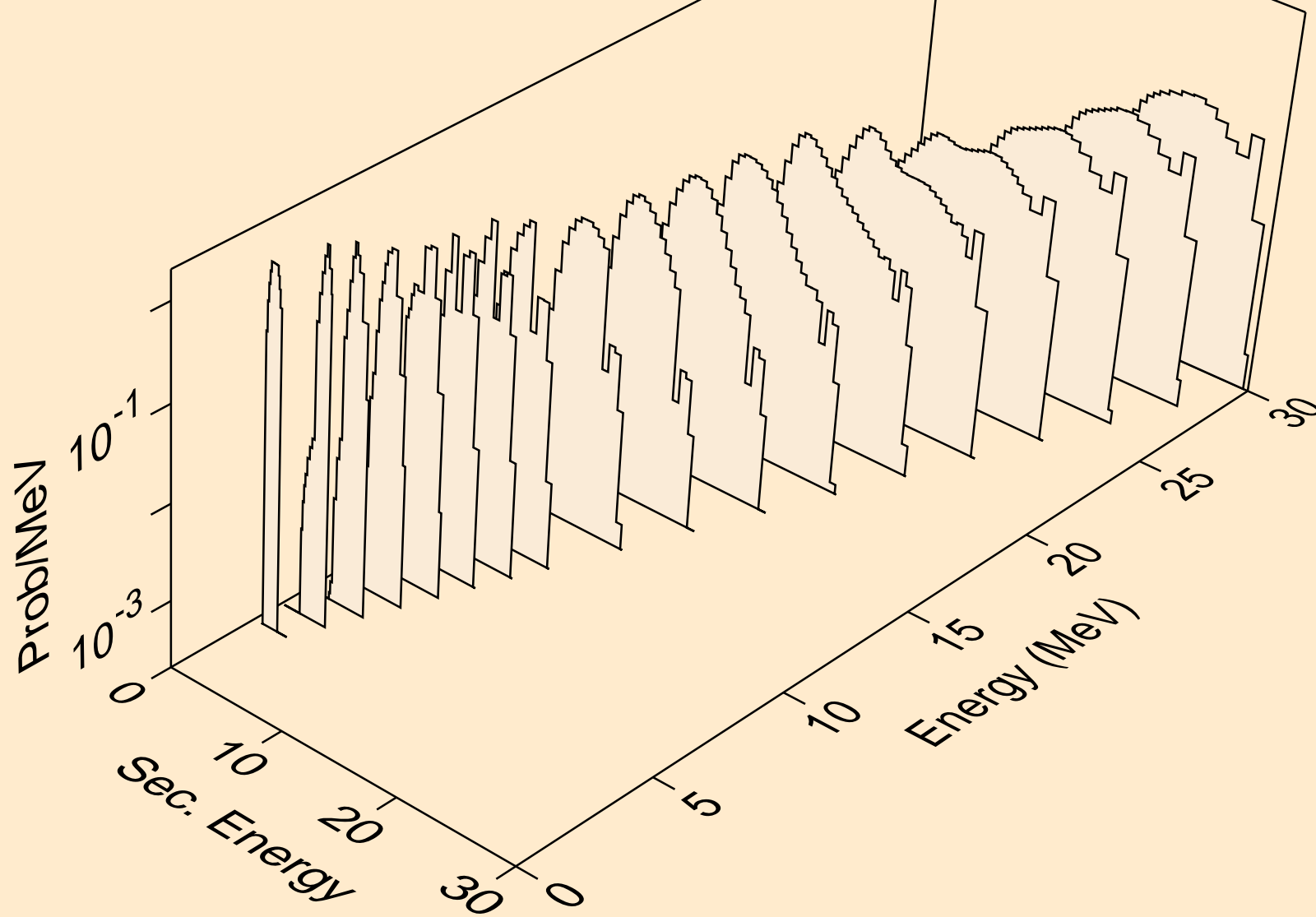
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



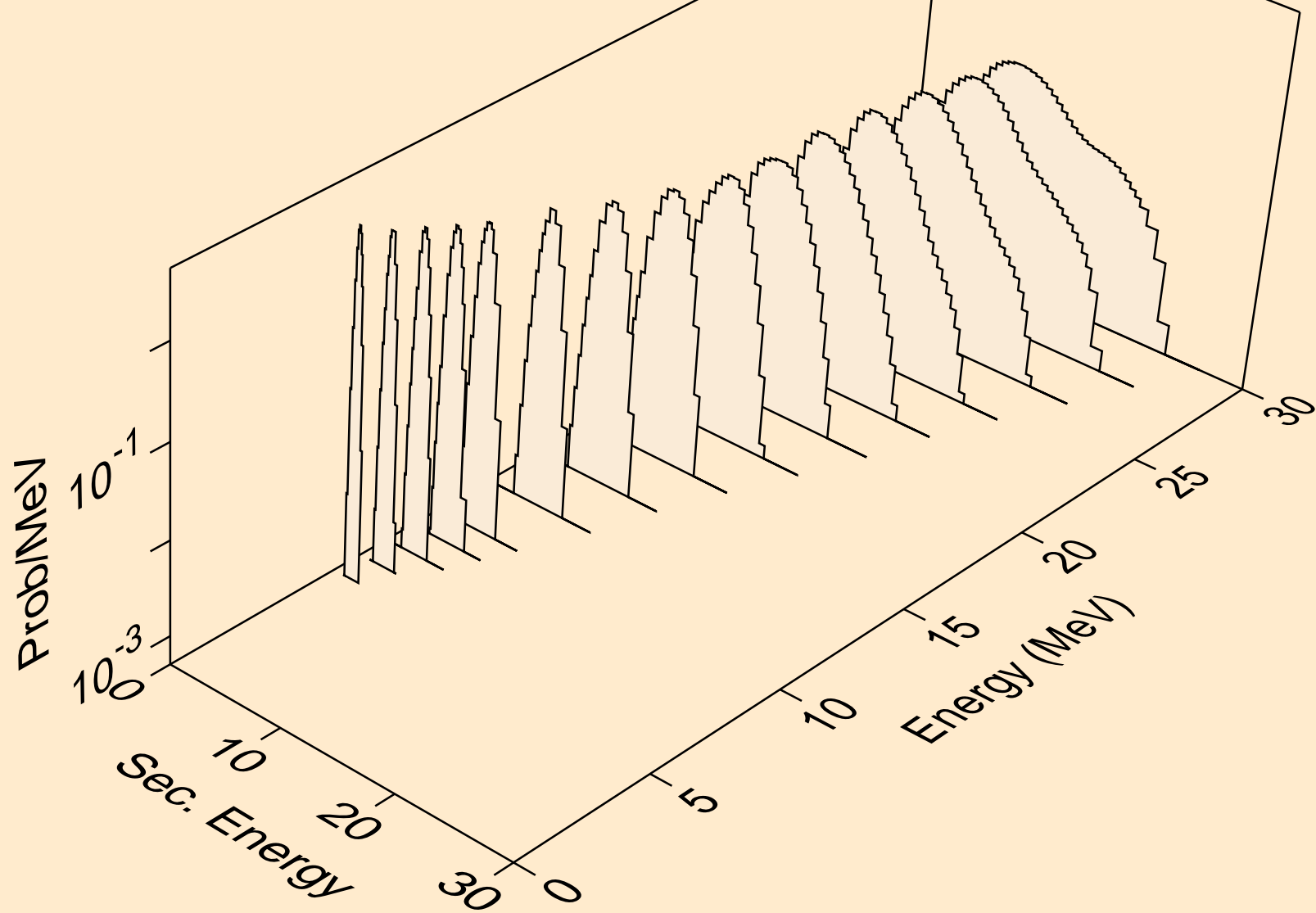
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

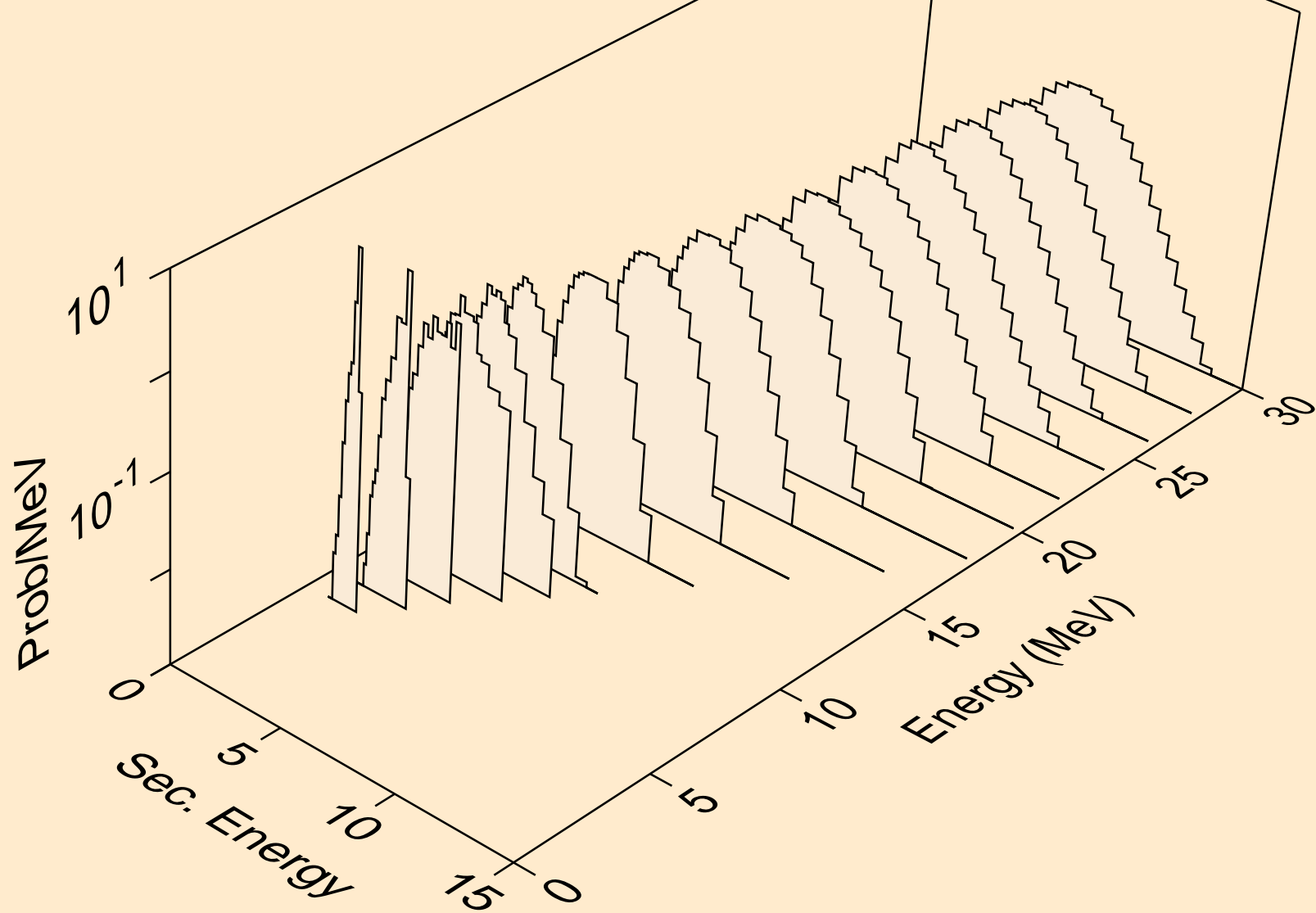


YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

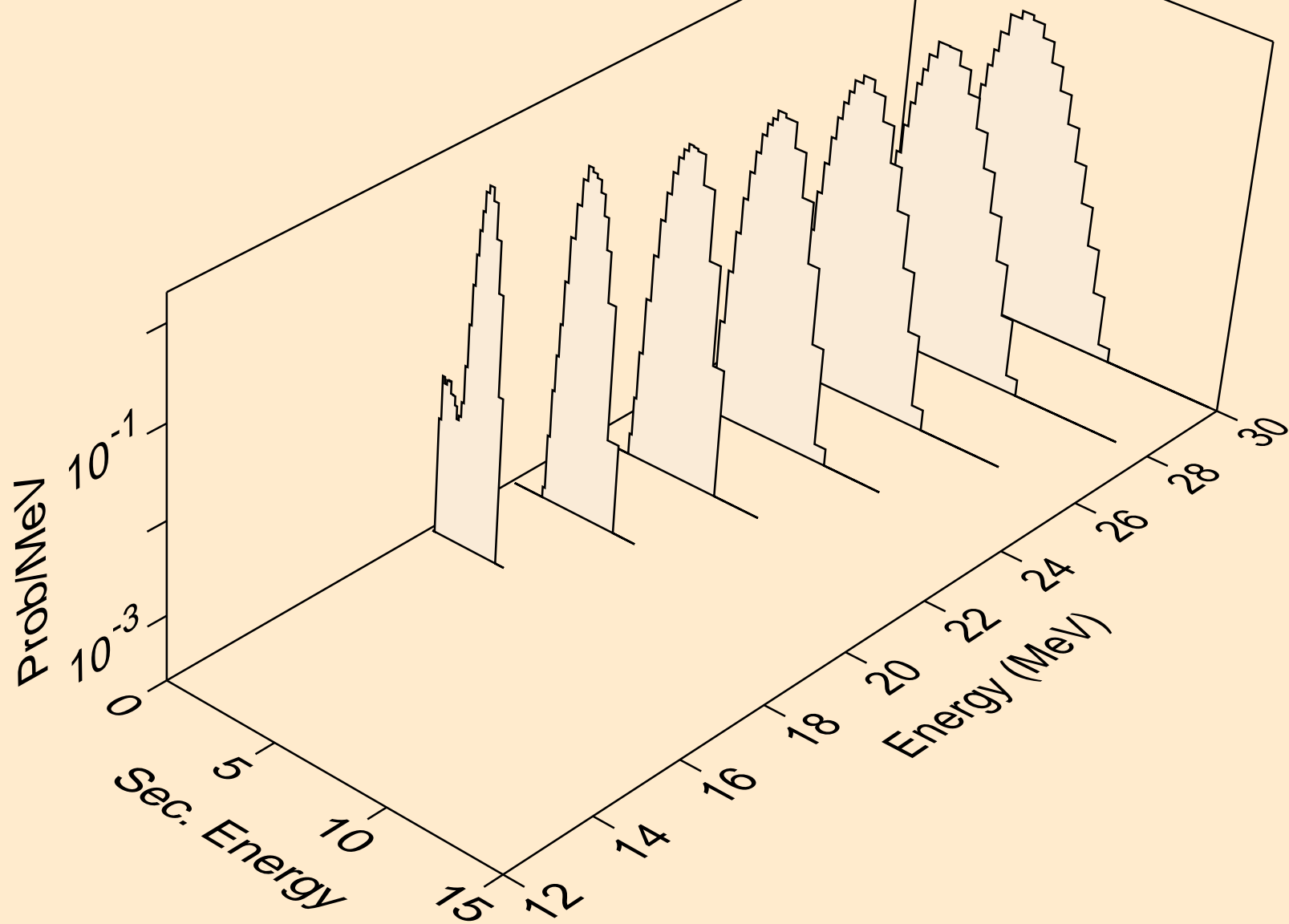




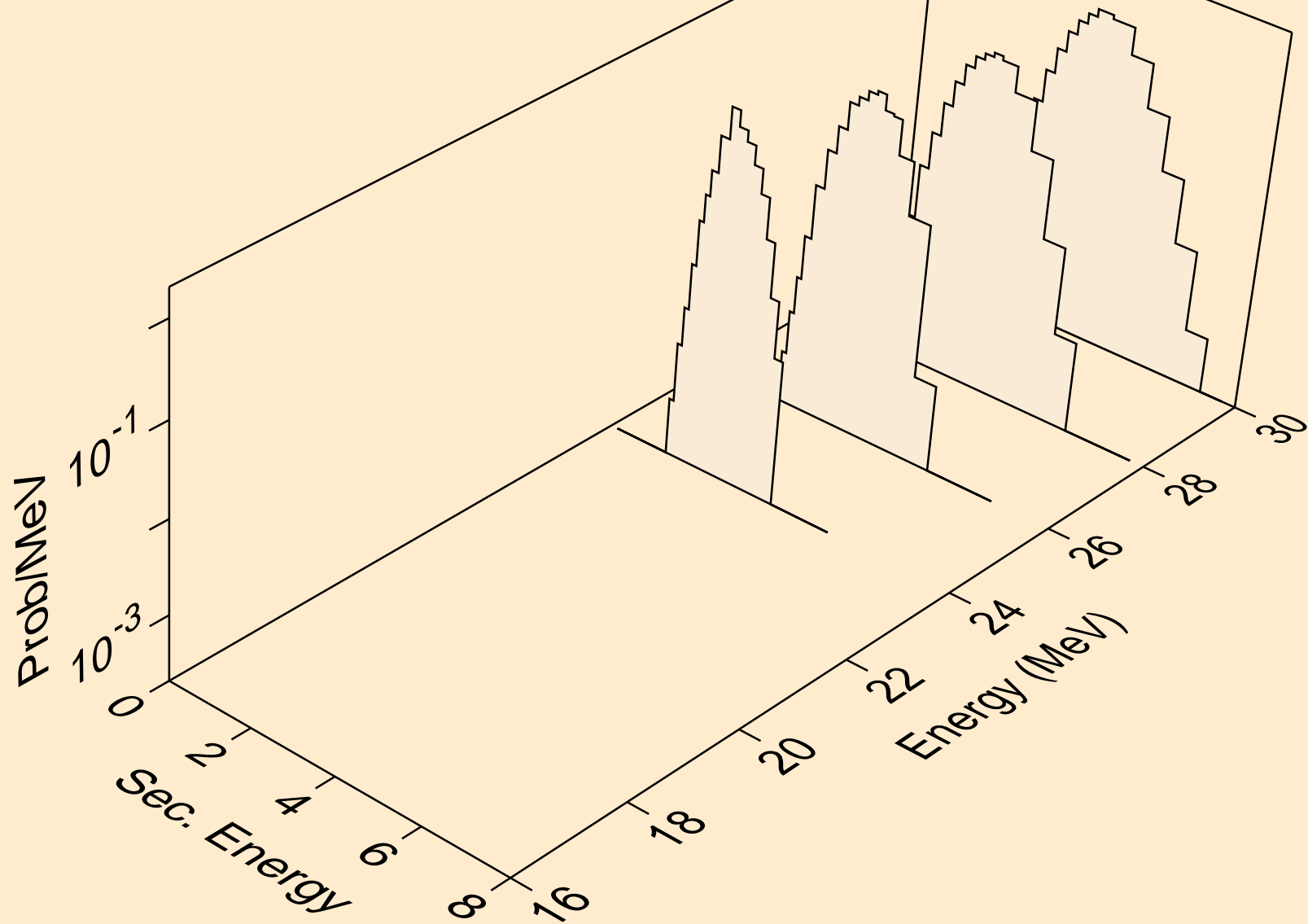
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



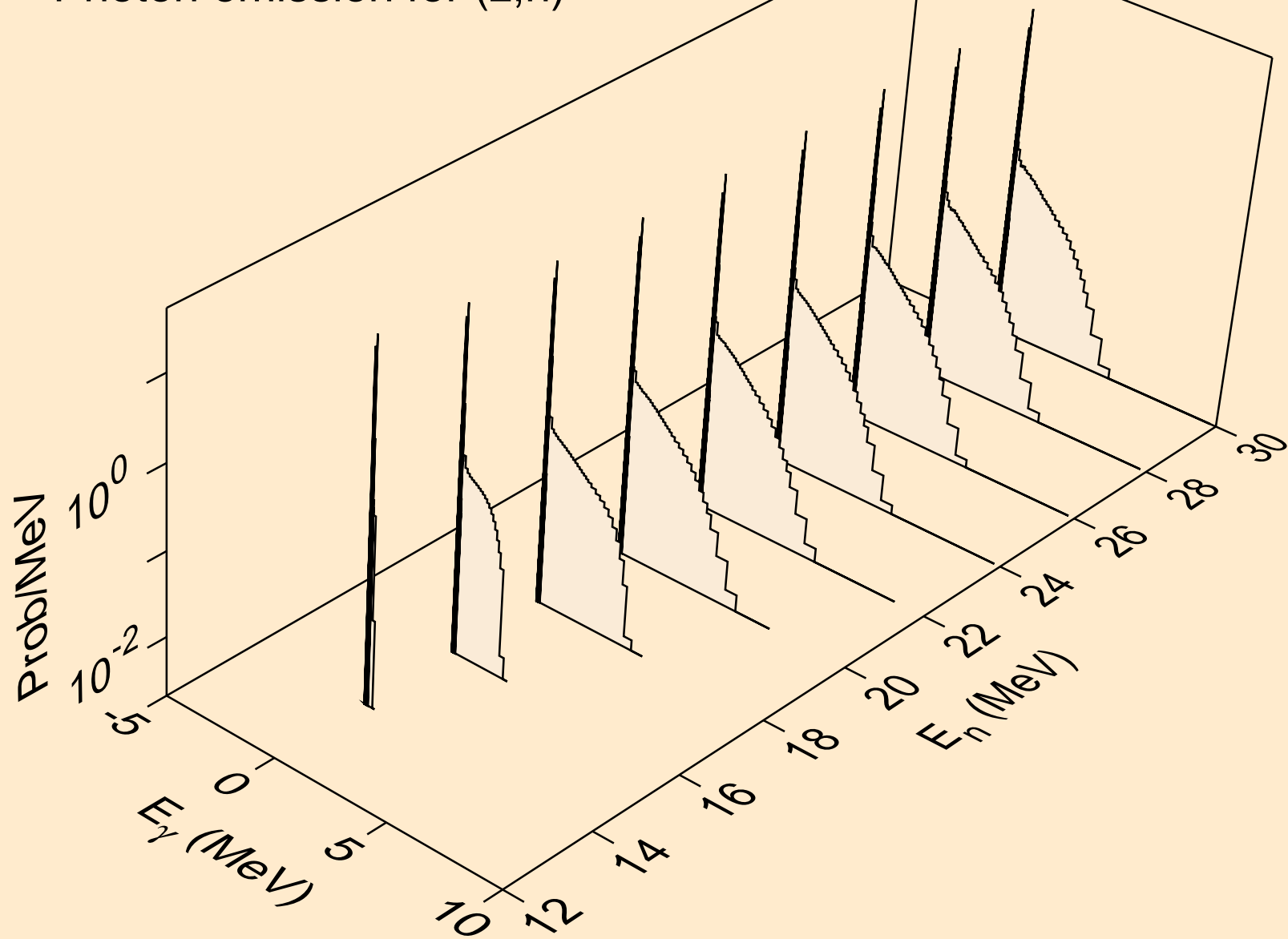
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



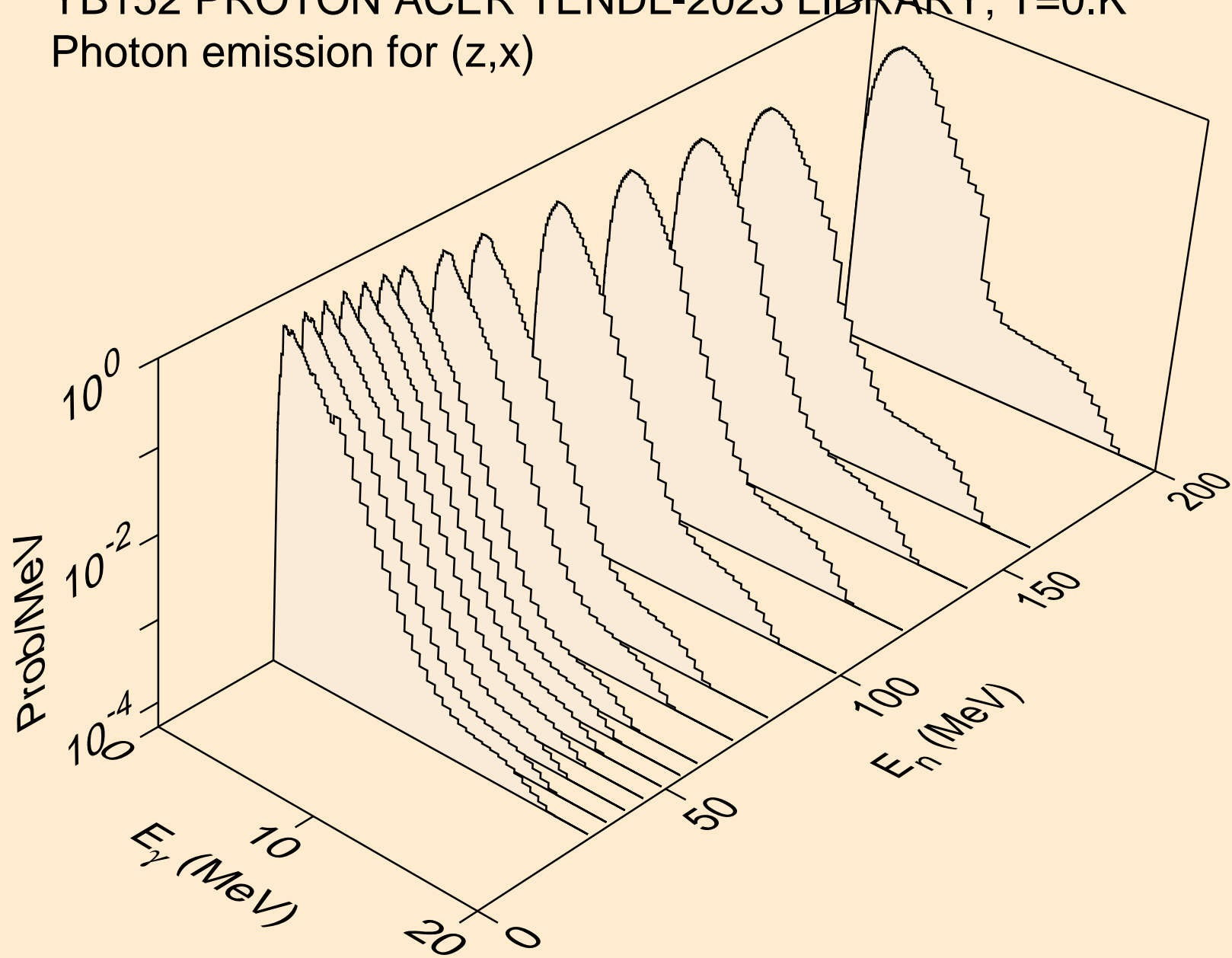
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



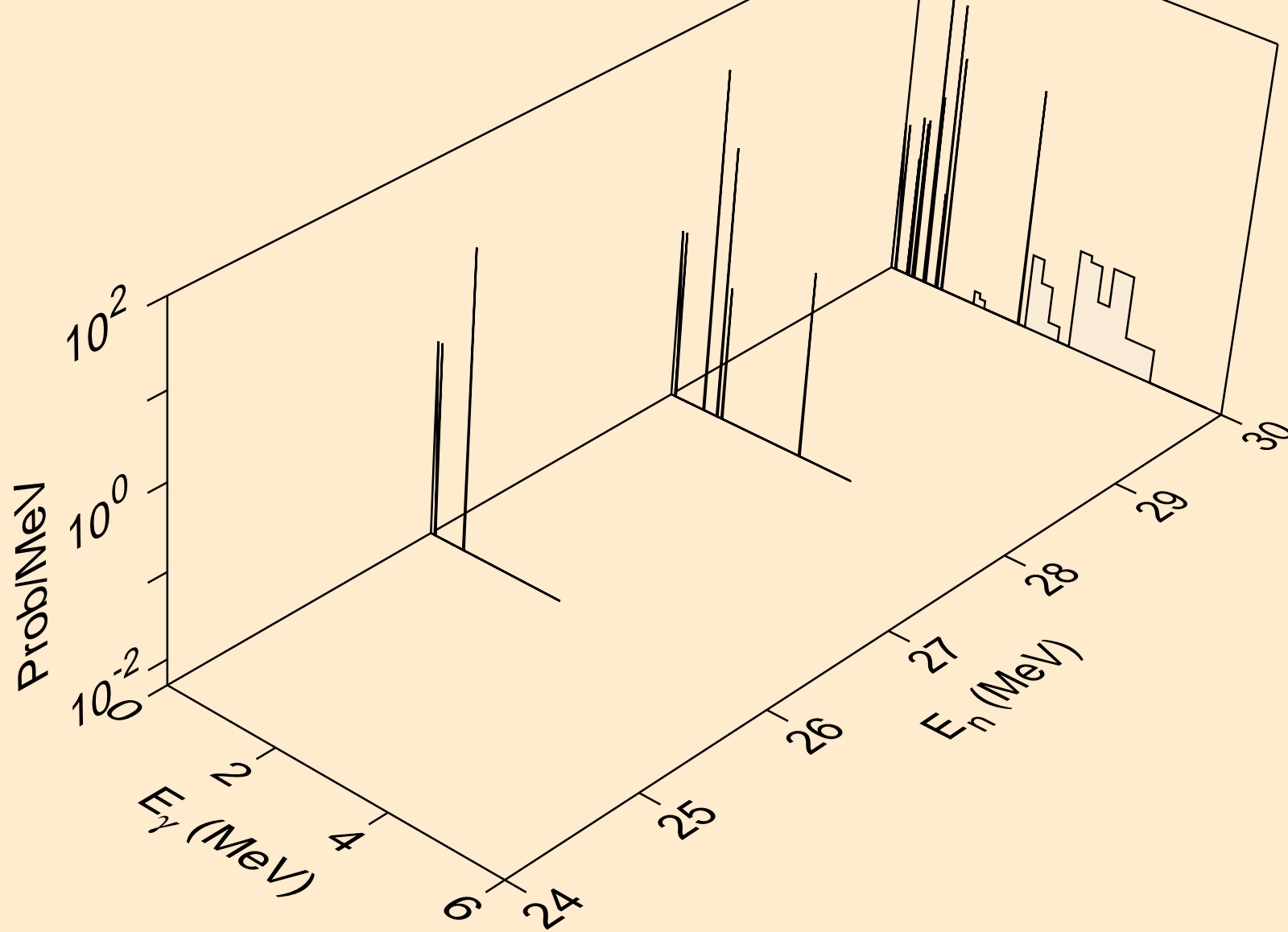
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

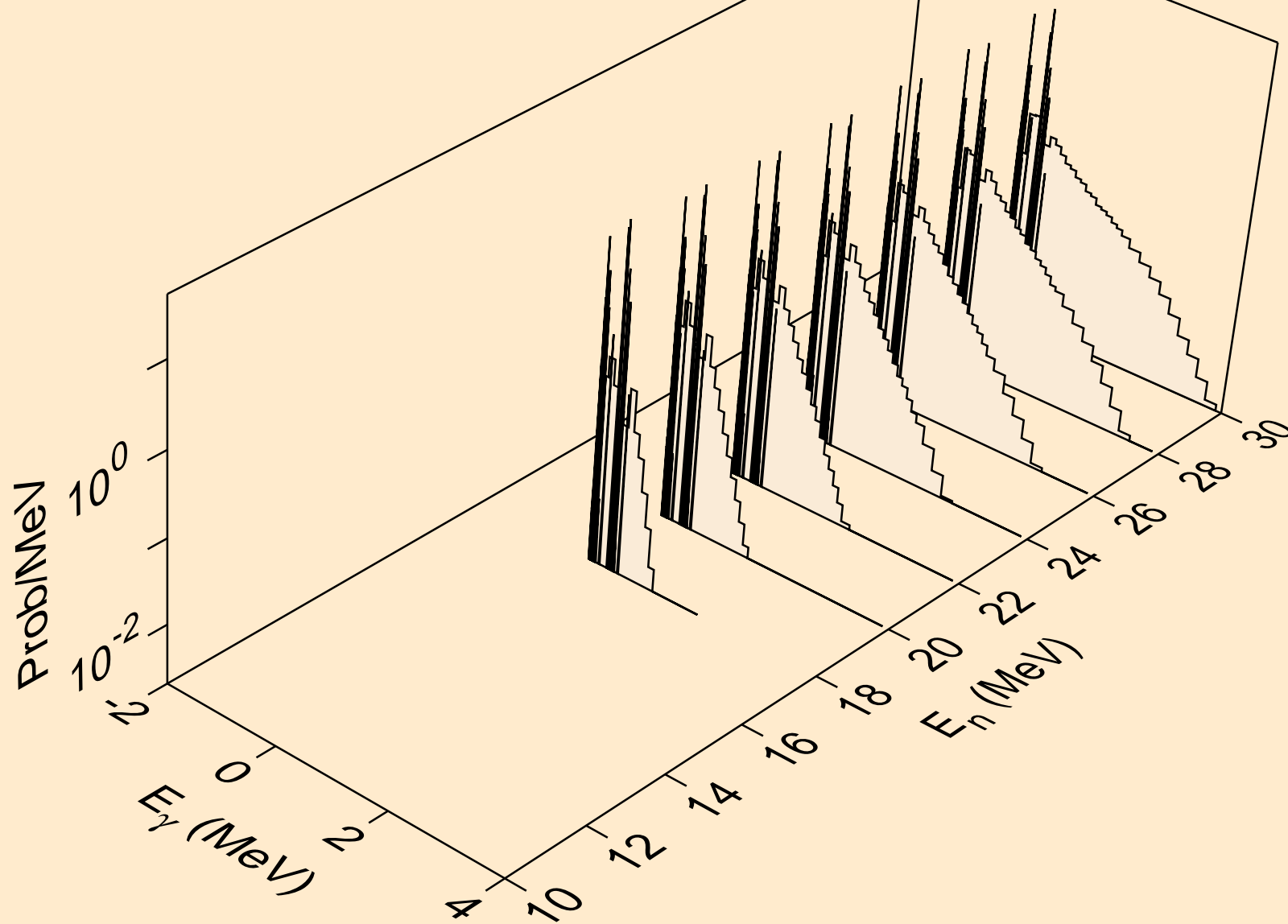


YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

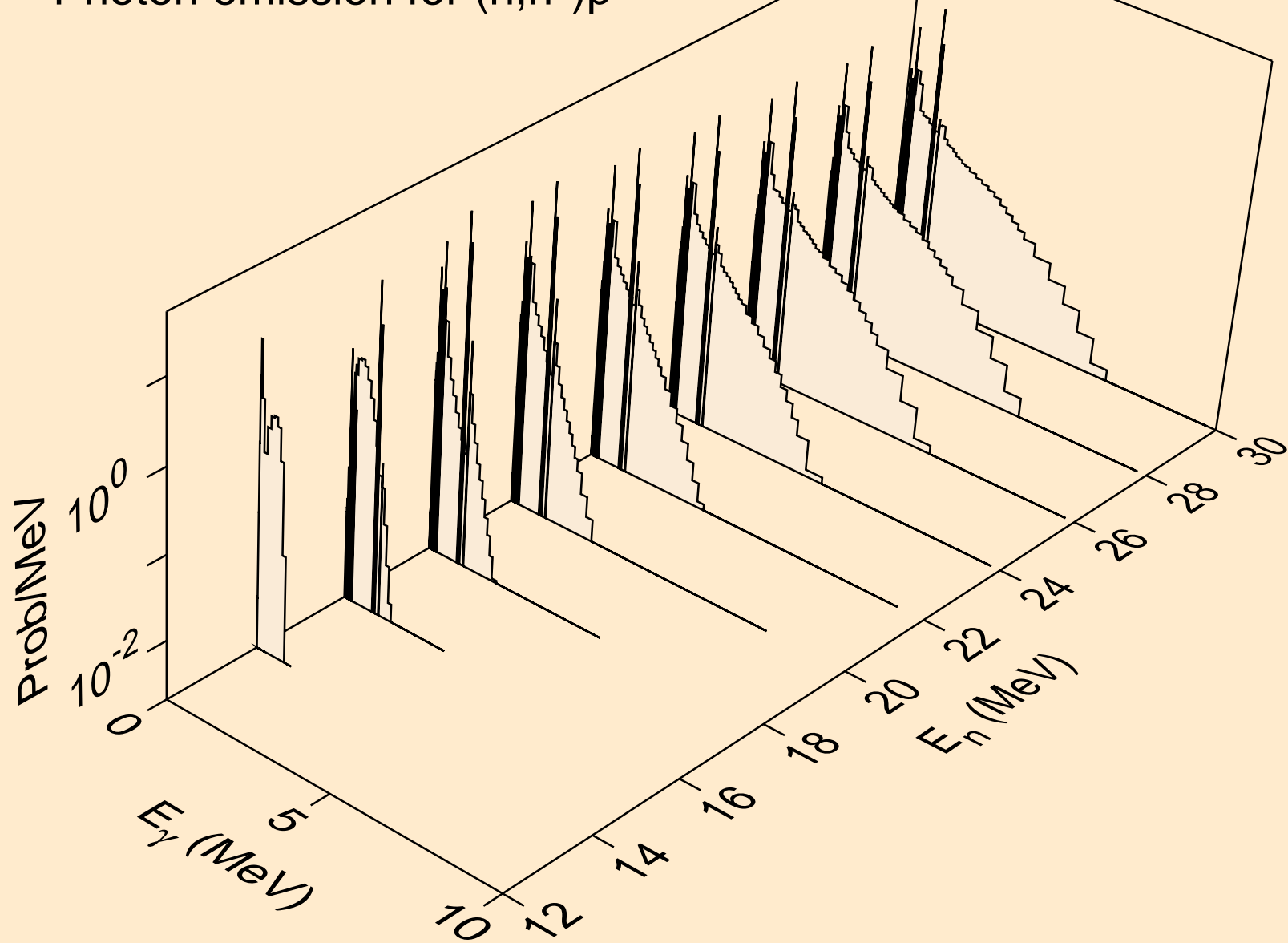


YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a

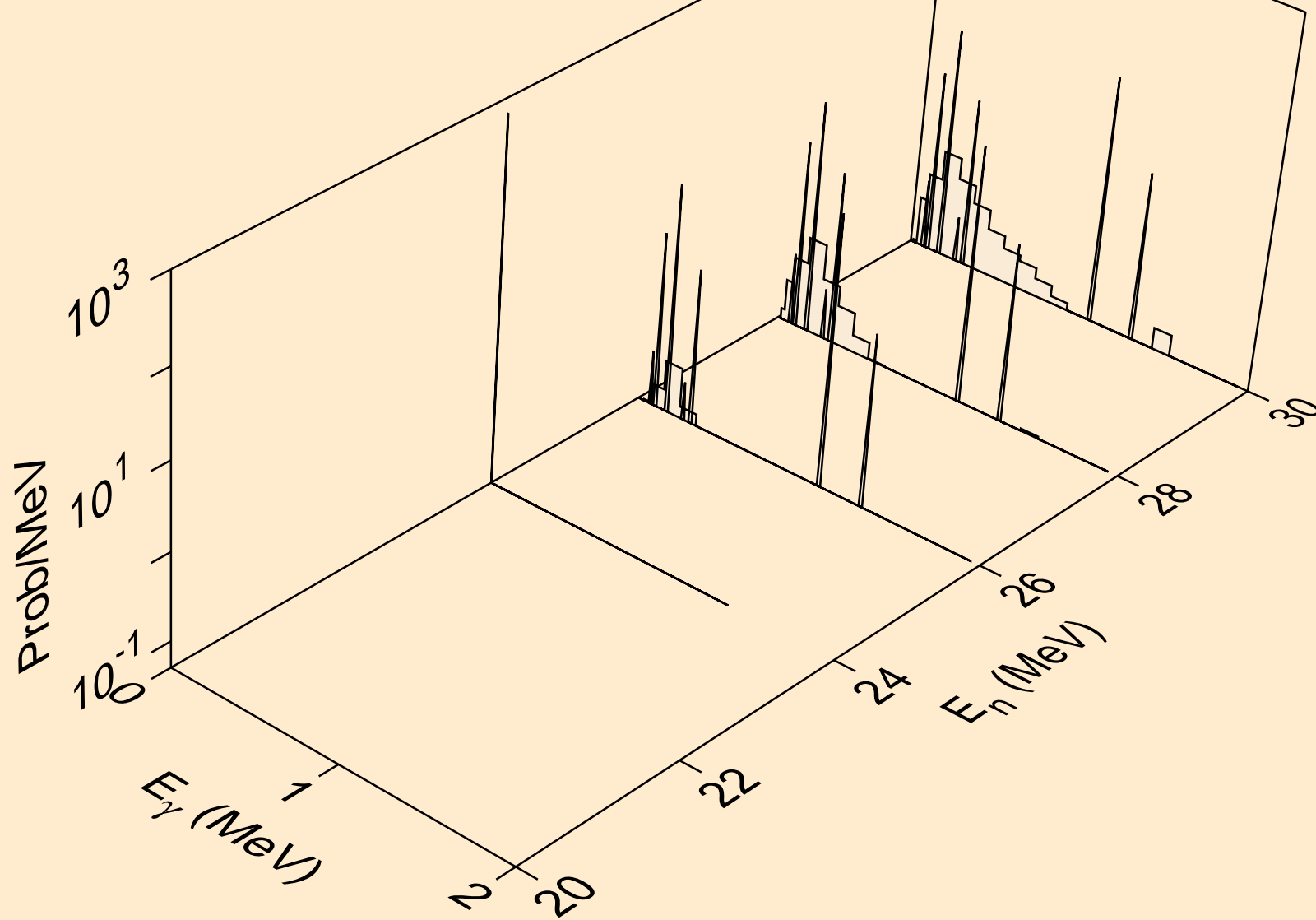


YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

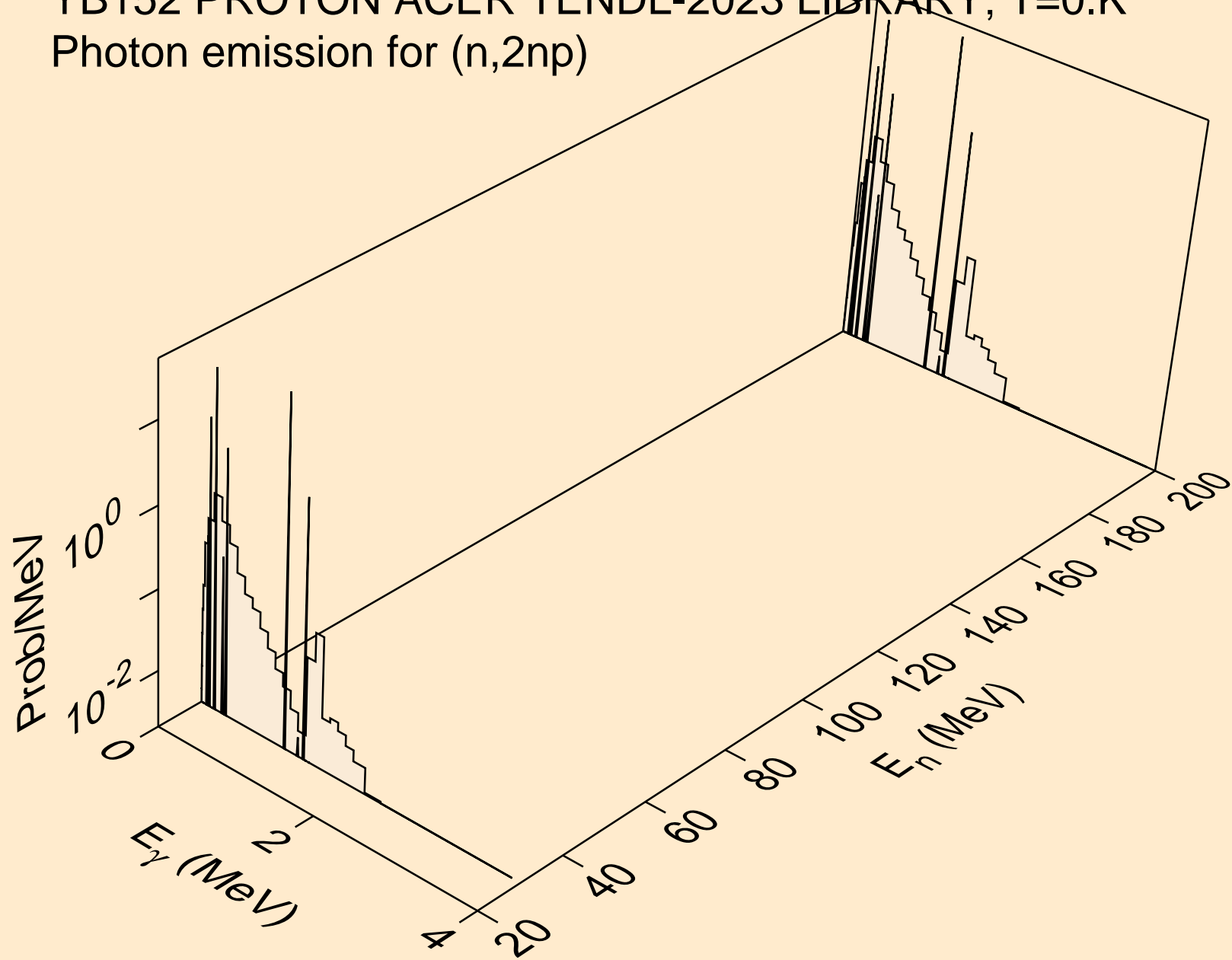




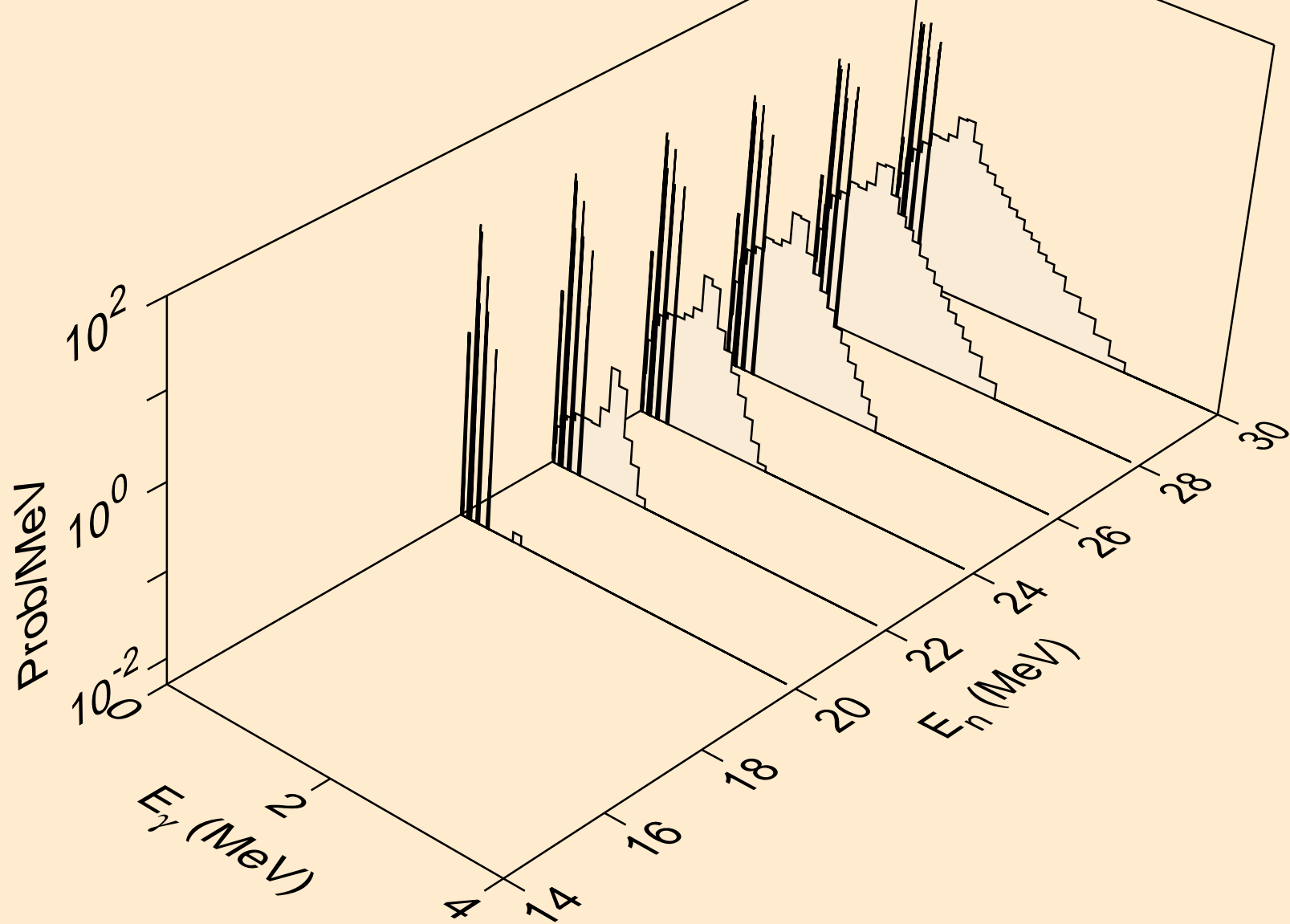
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



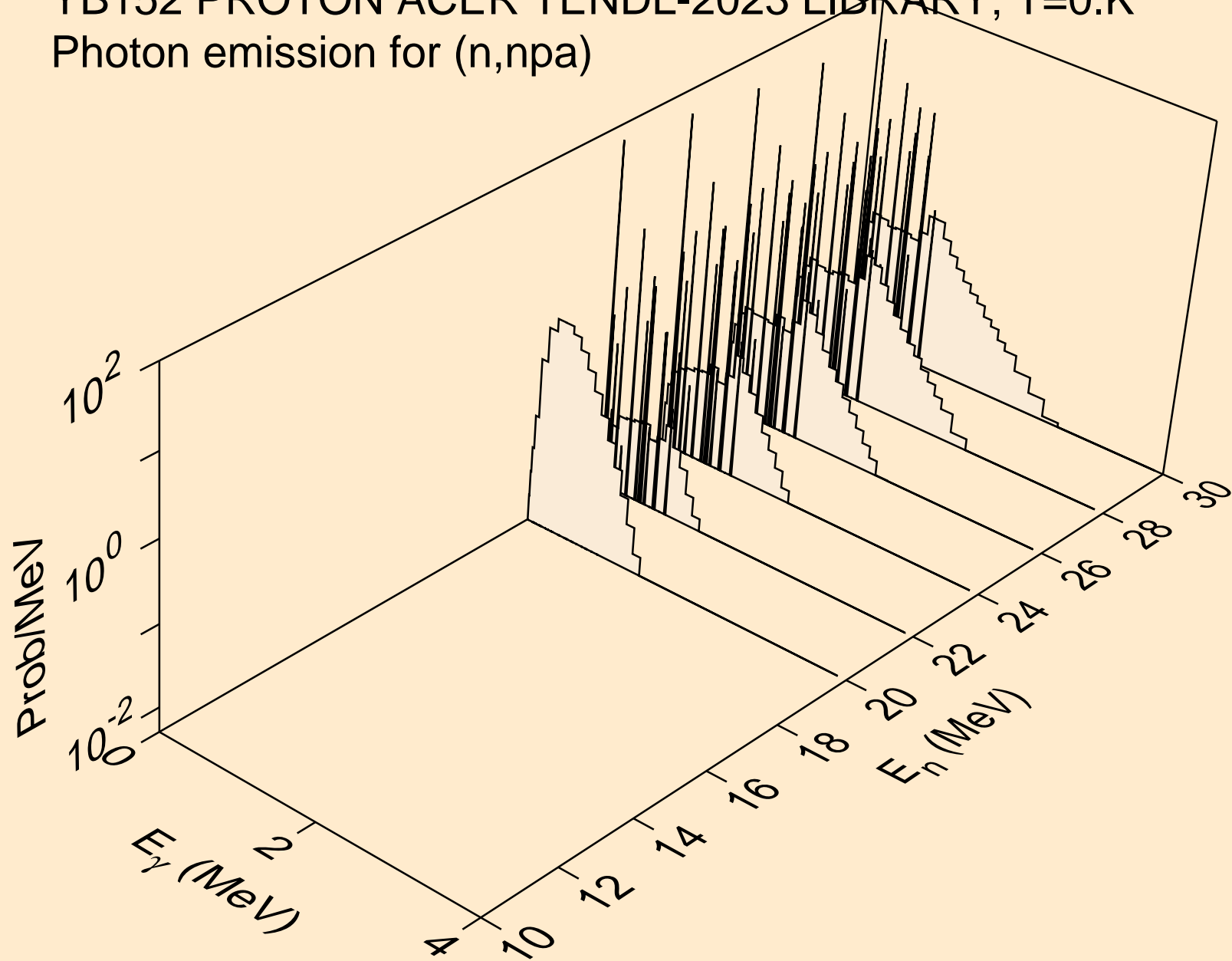
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



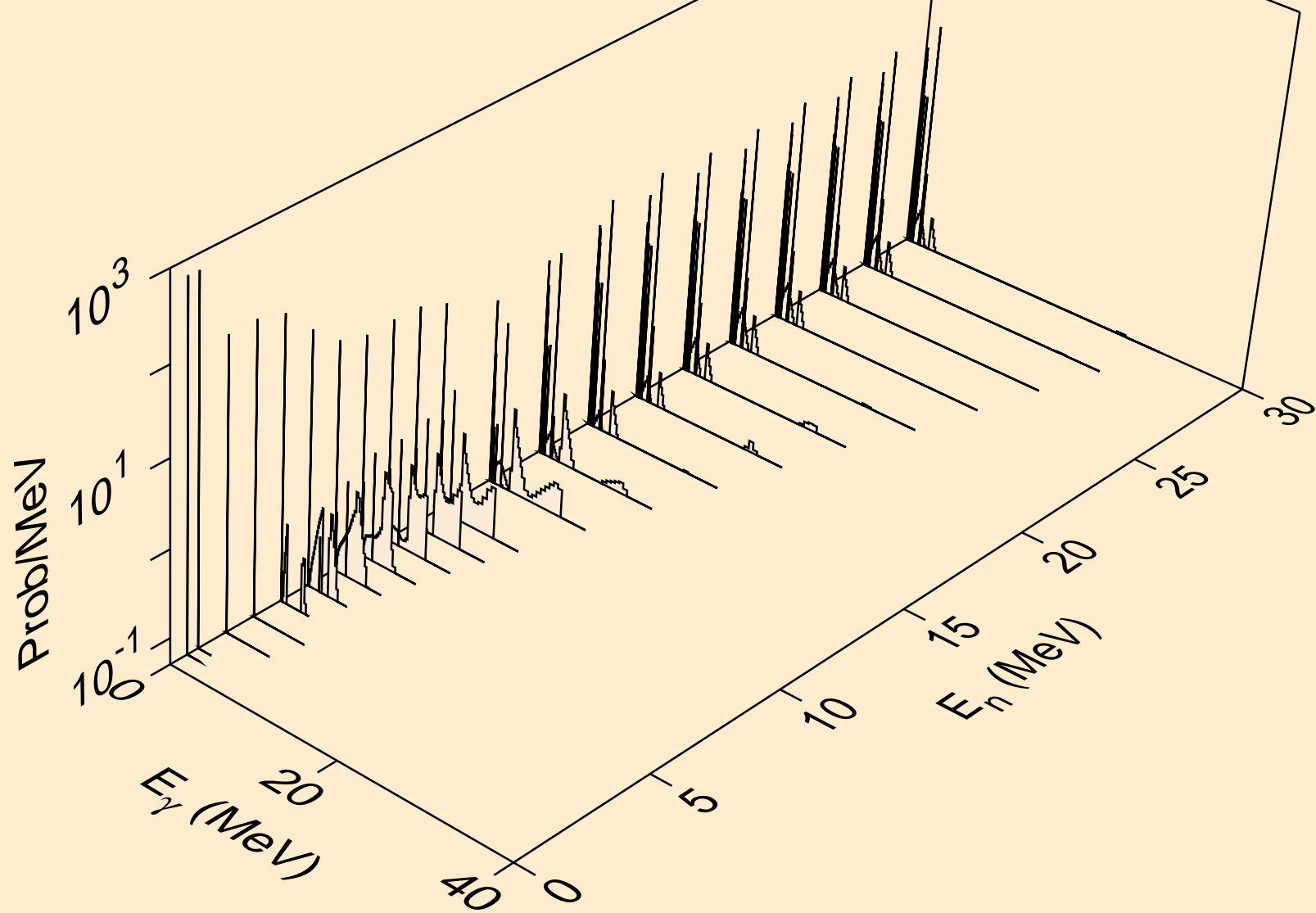
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



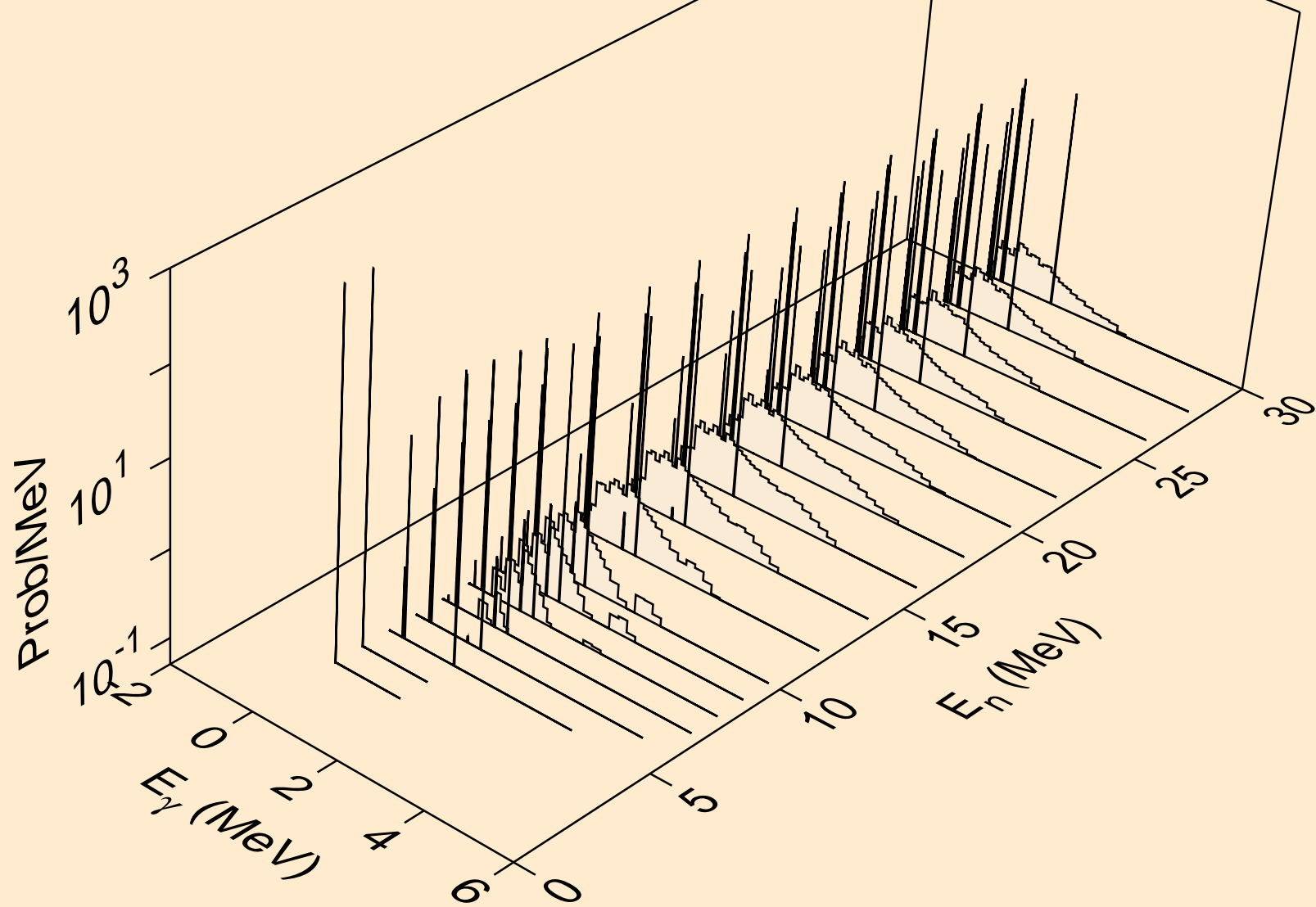
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



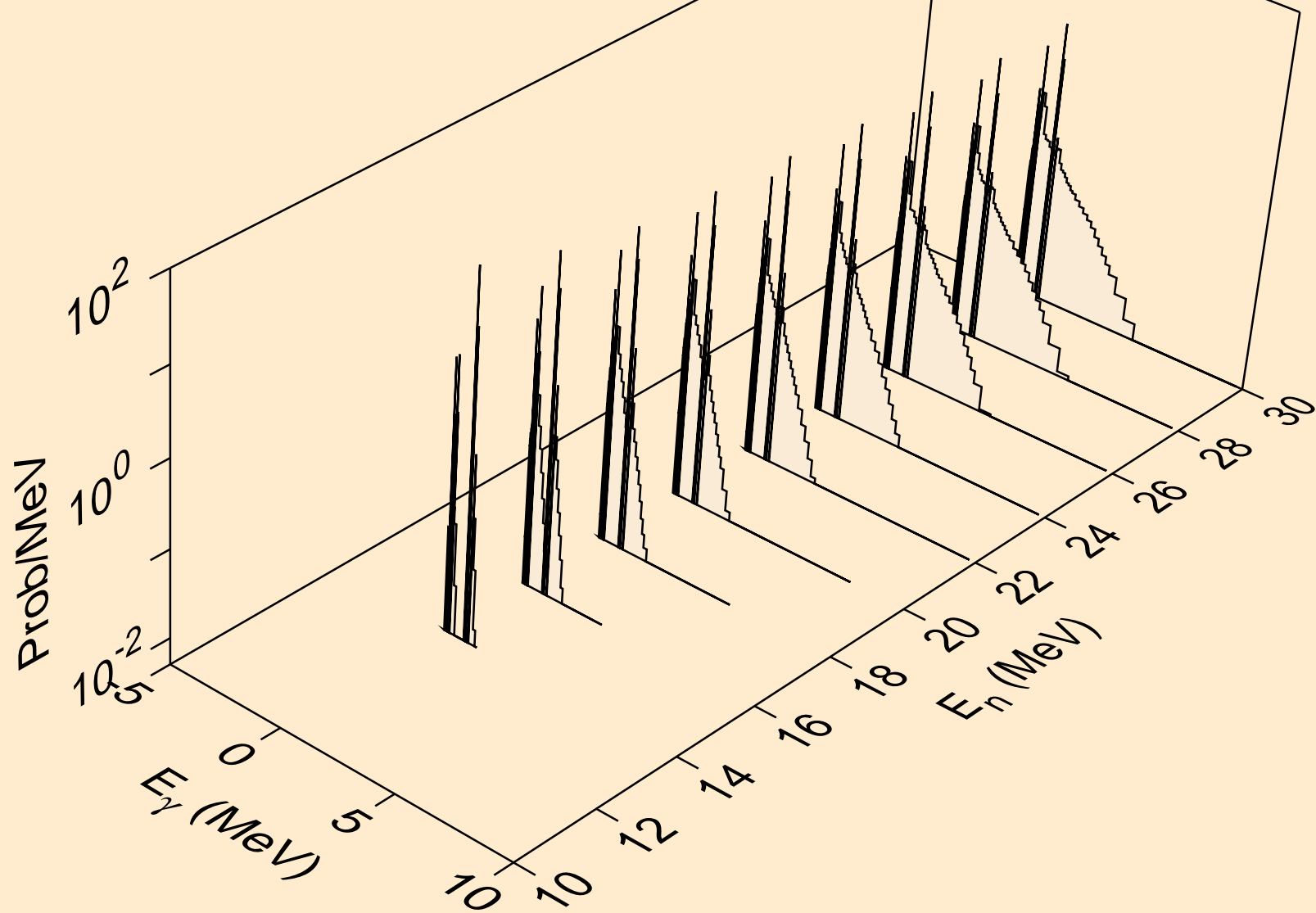
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



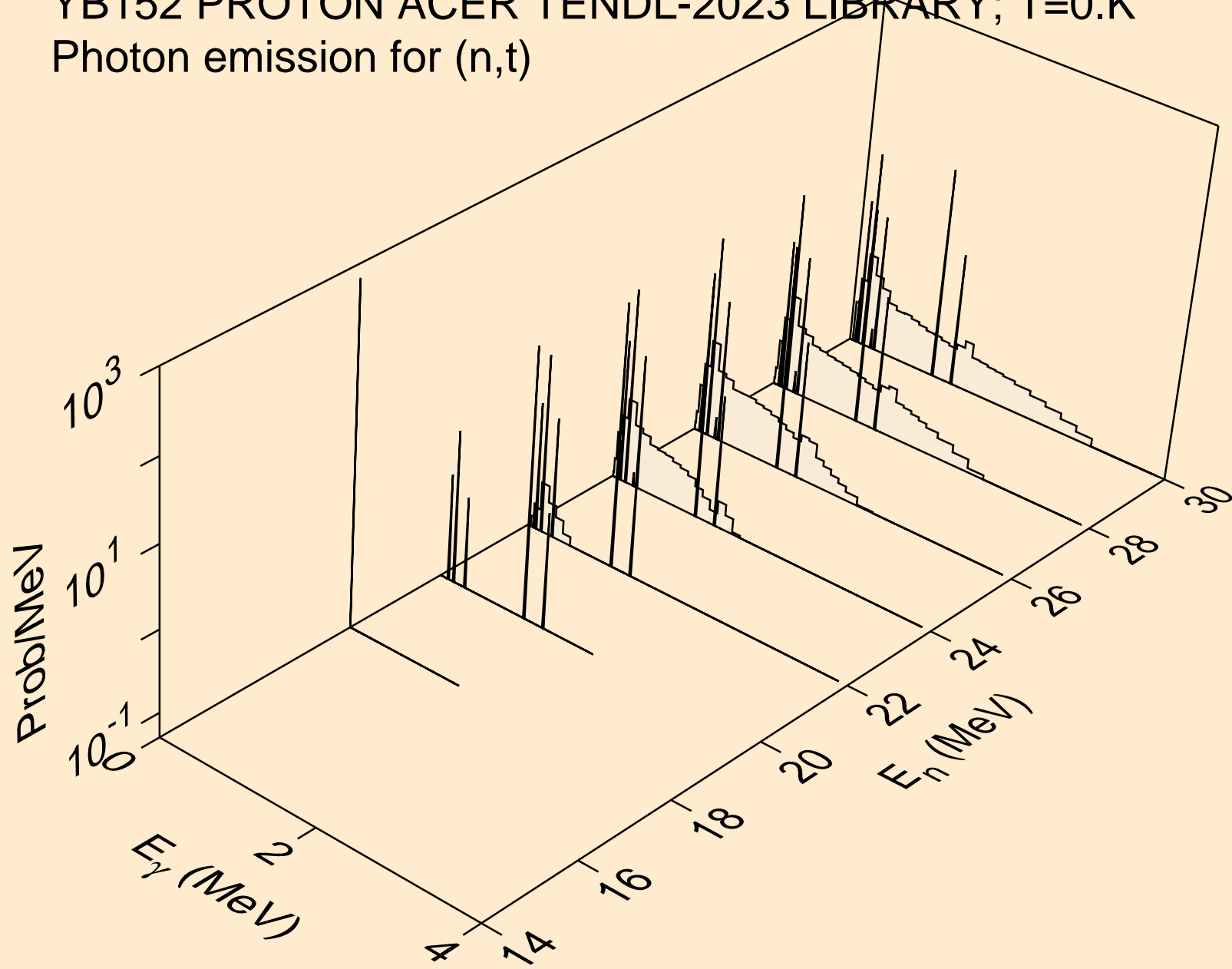
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

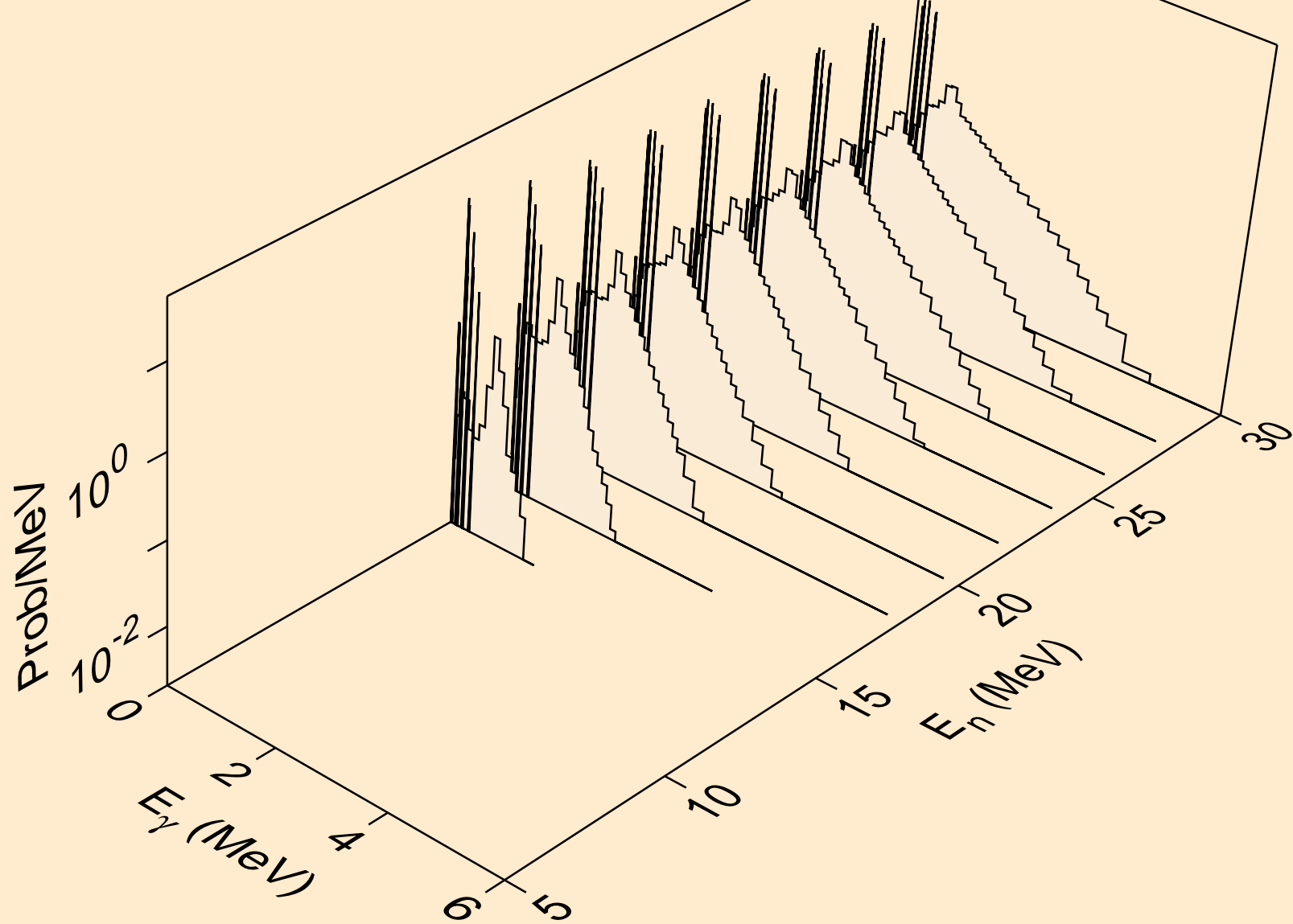


YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

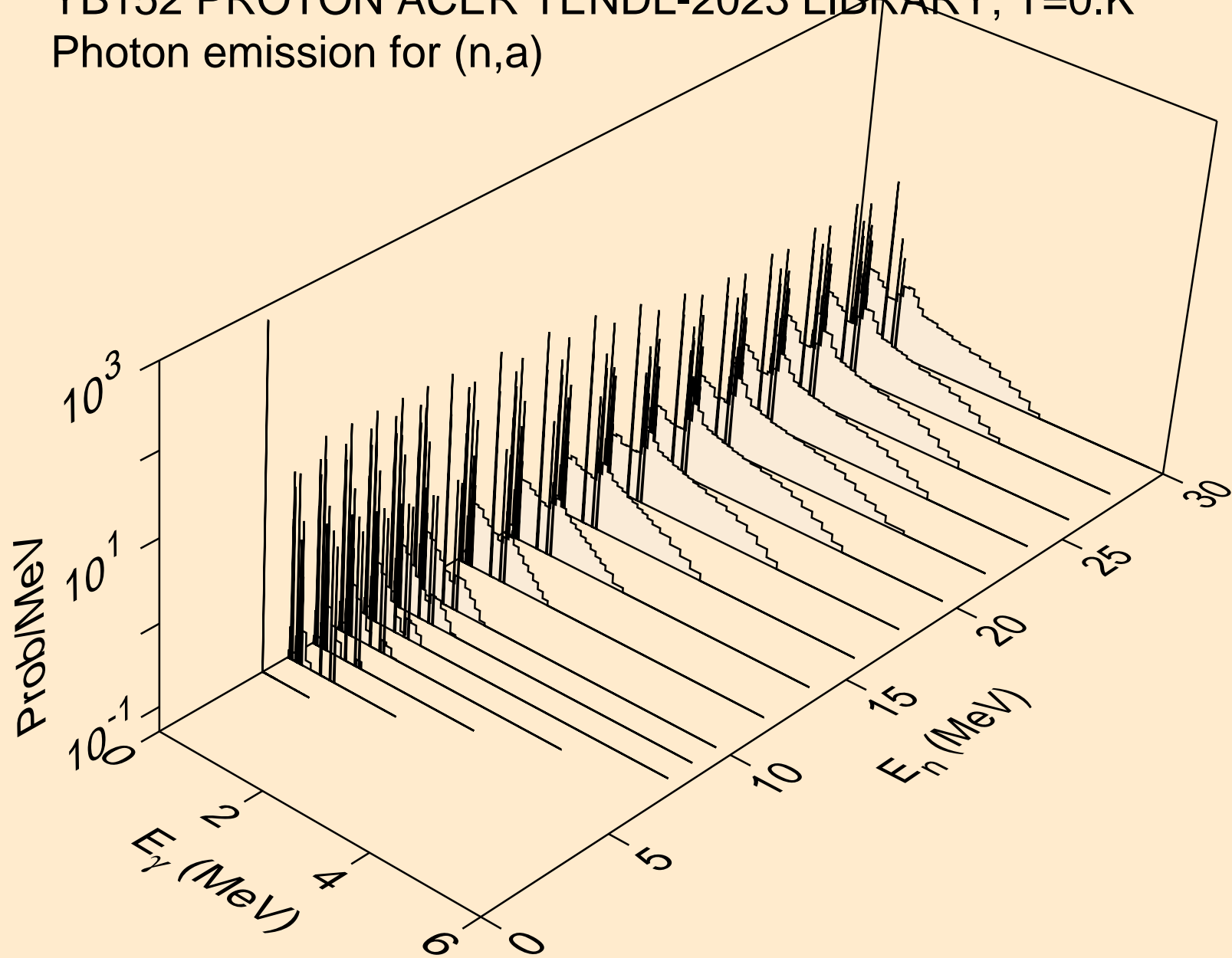




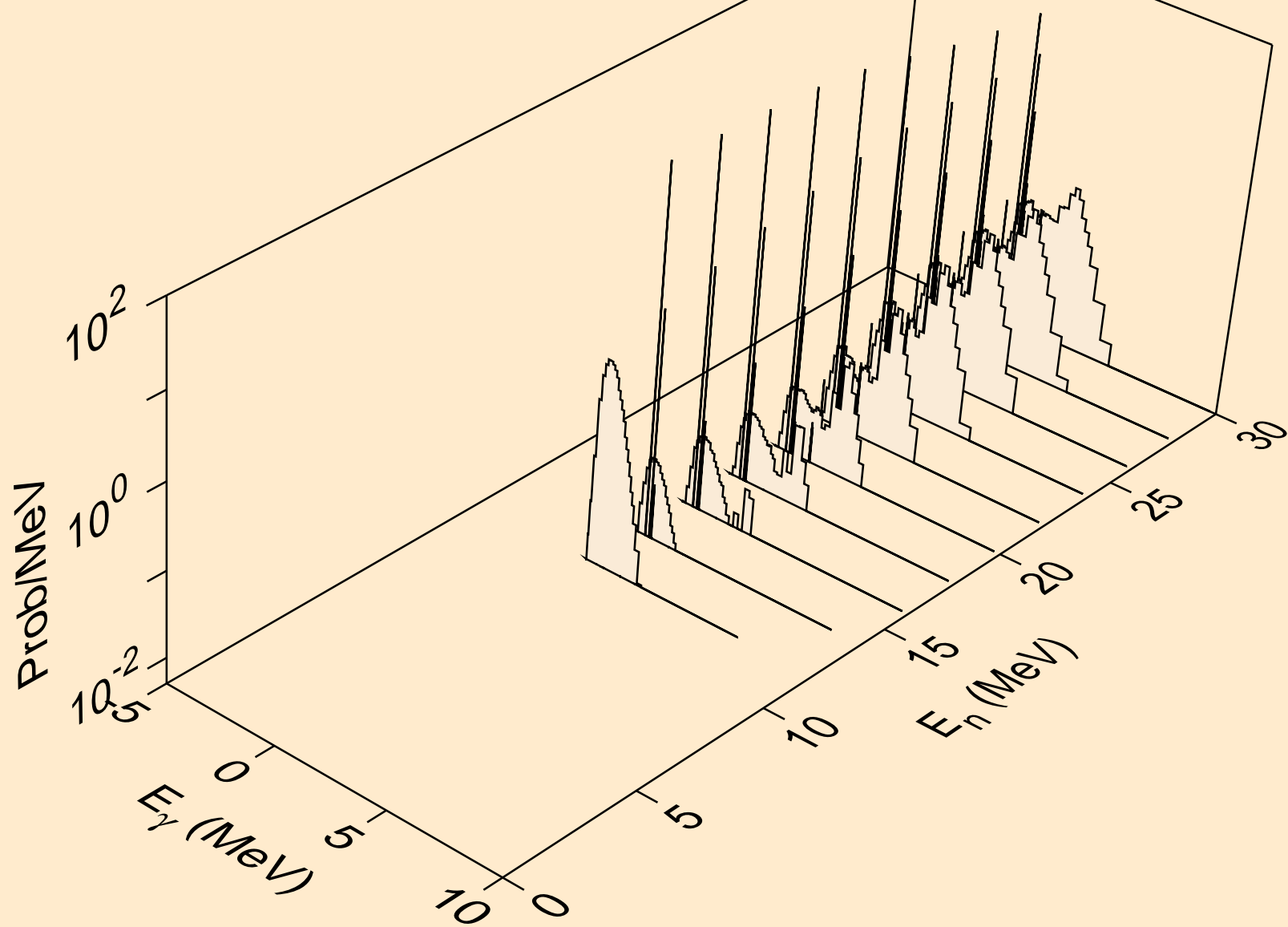
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



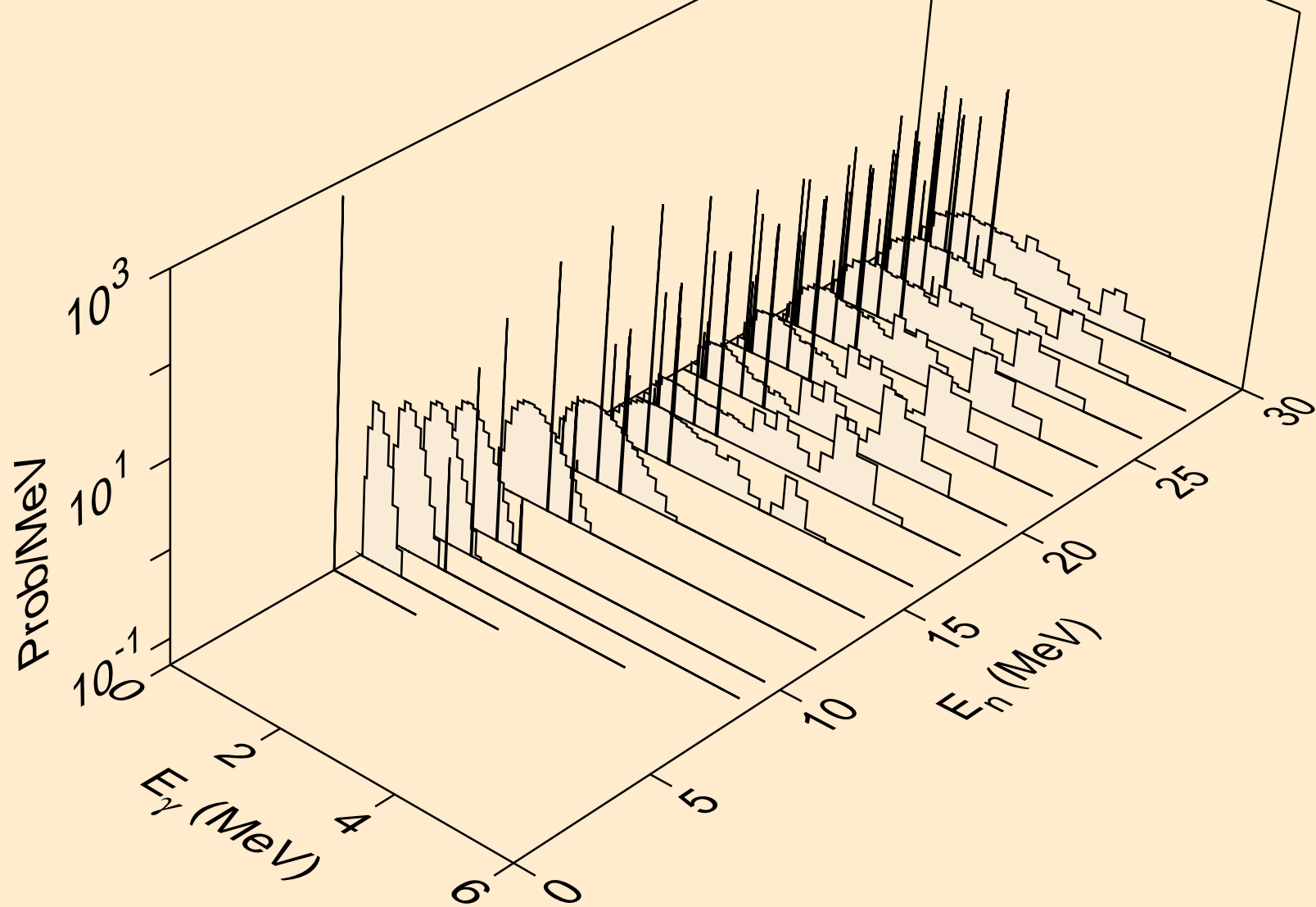
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



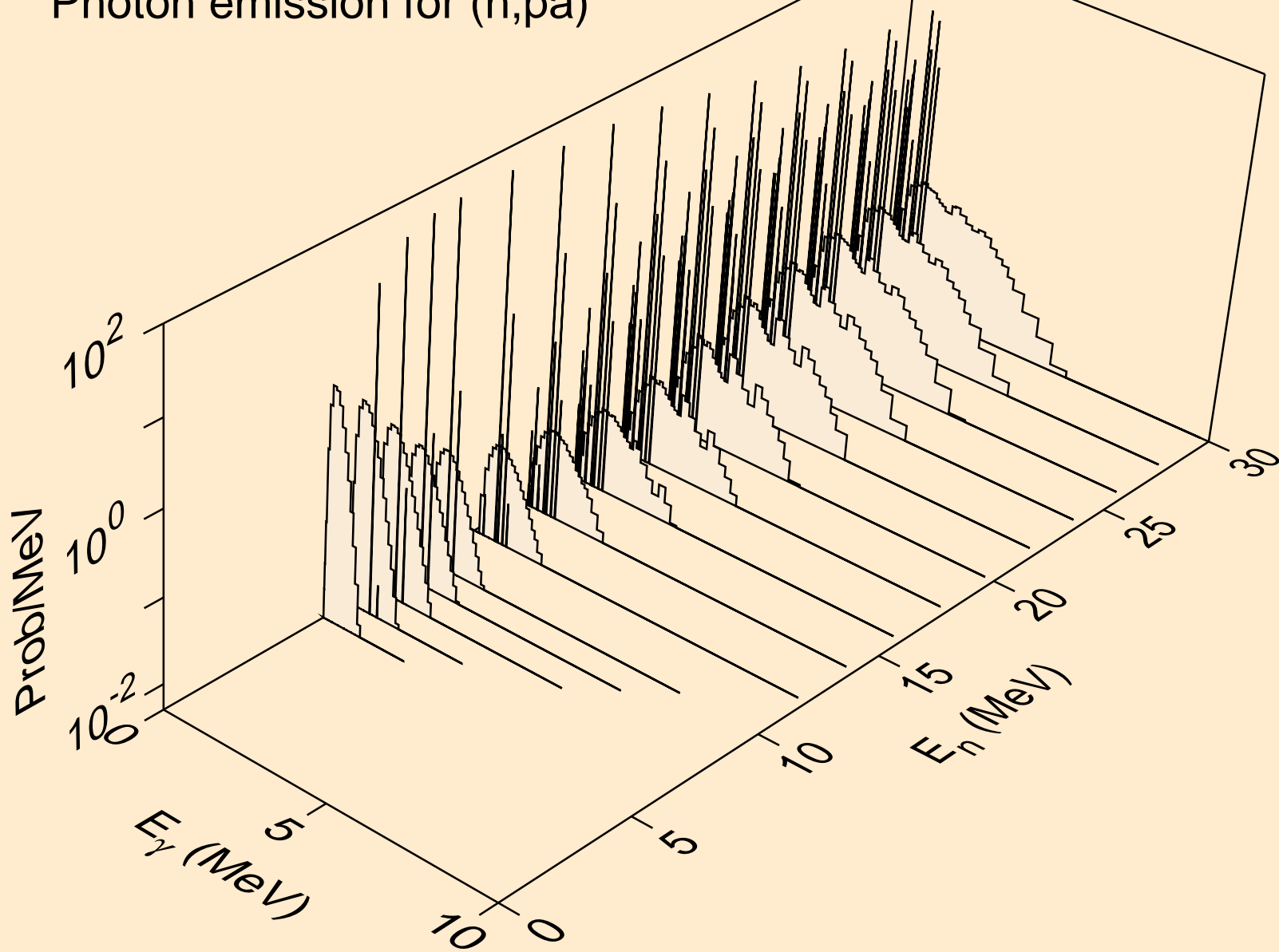
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



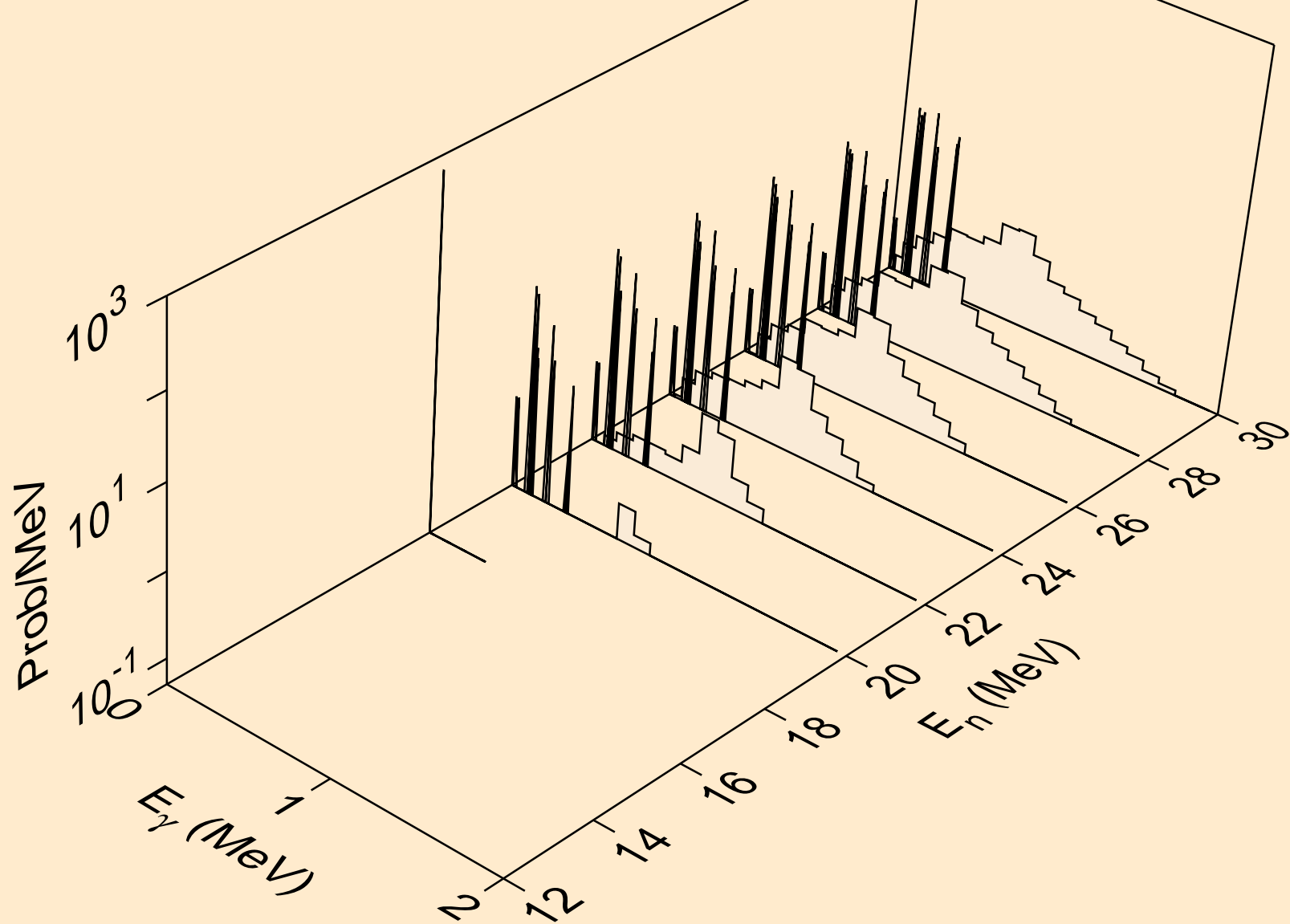
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



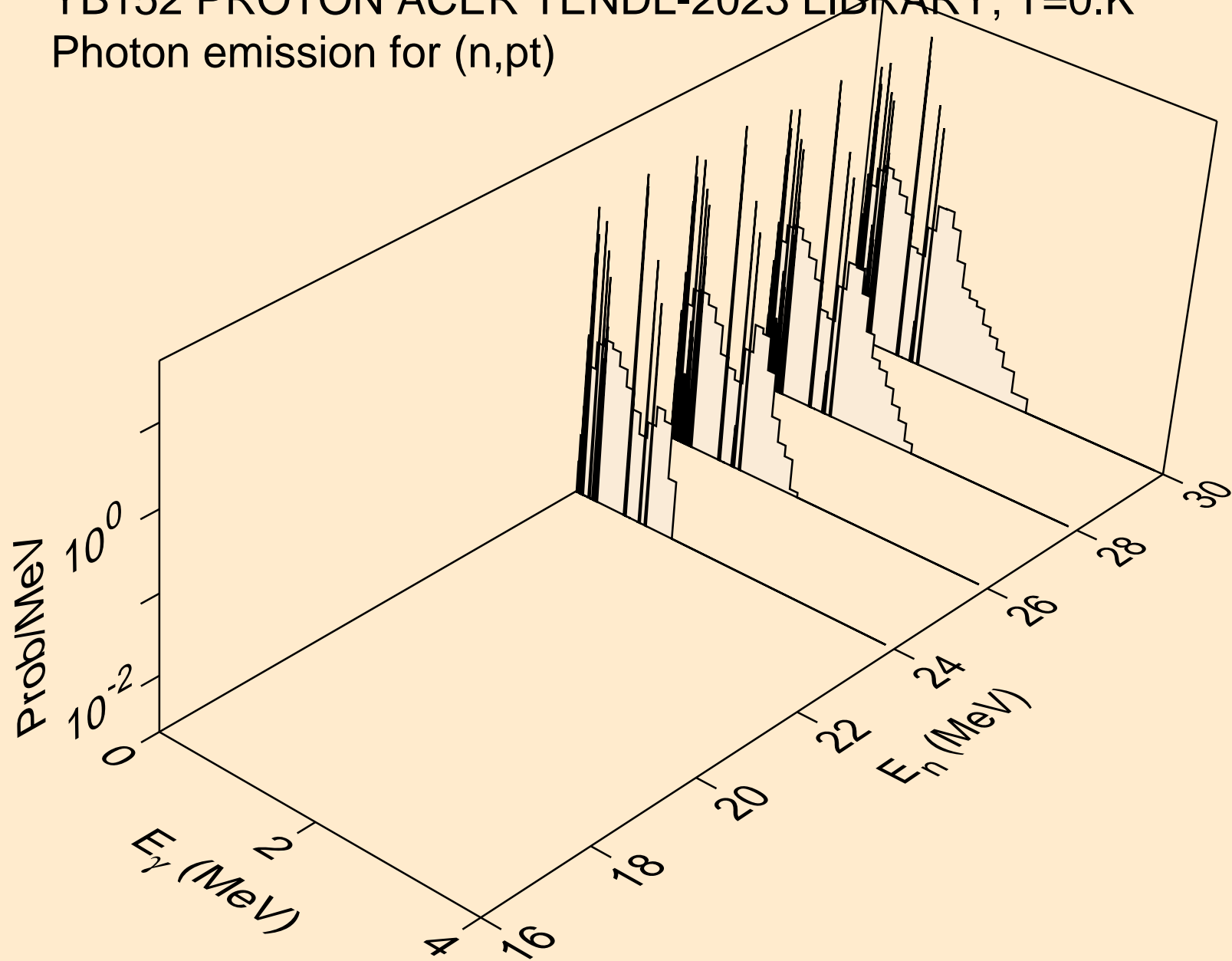
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



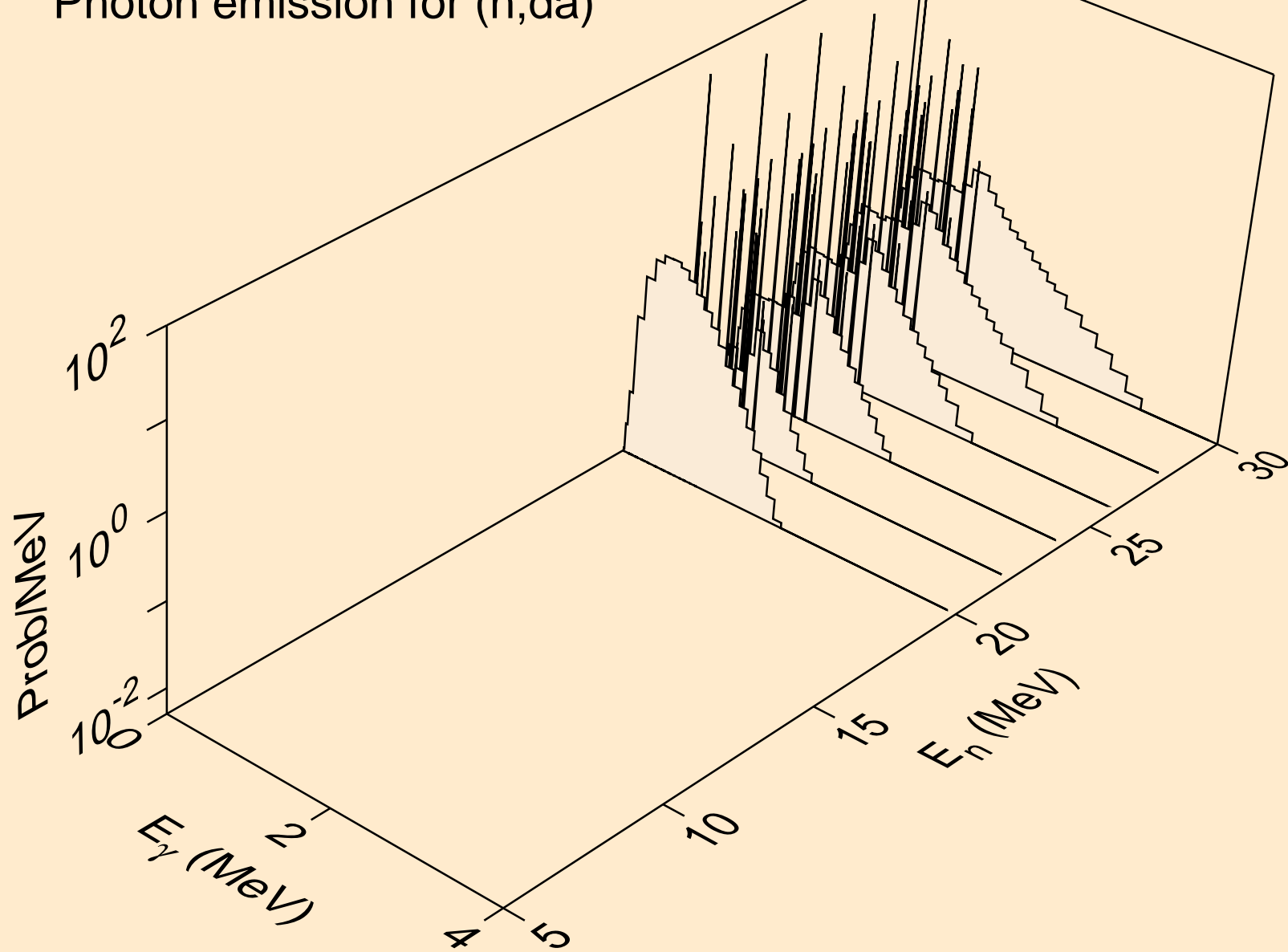
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



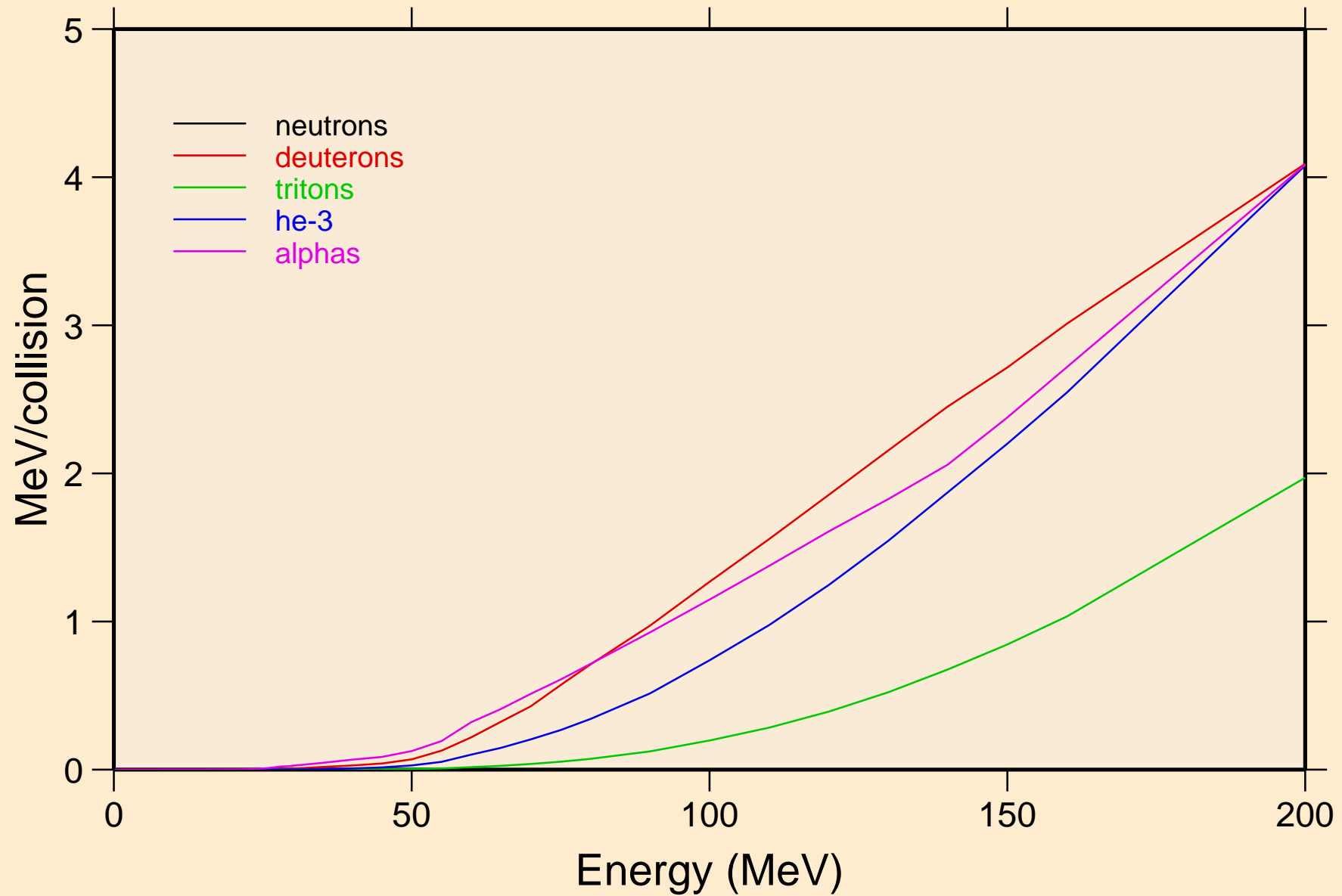
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)





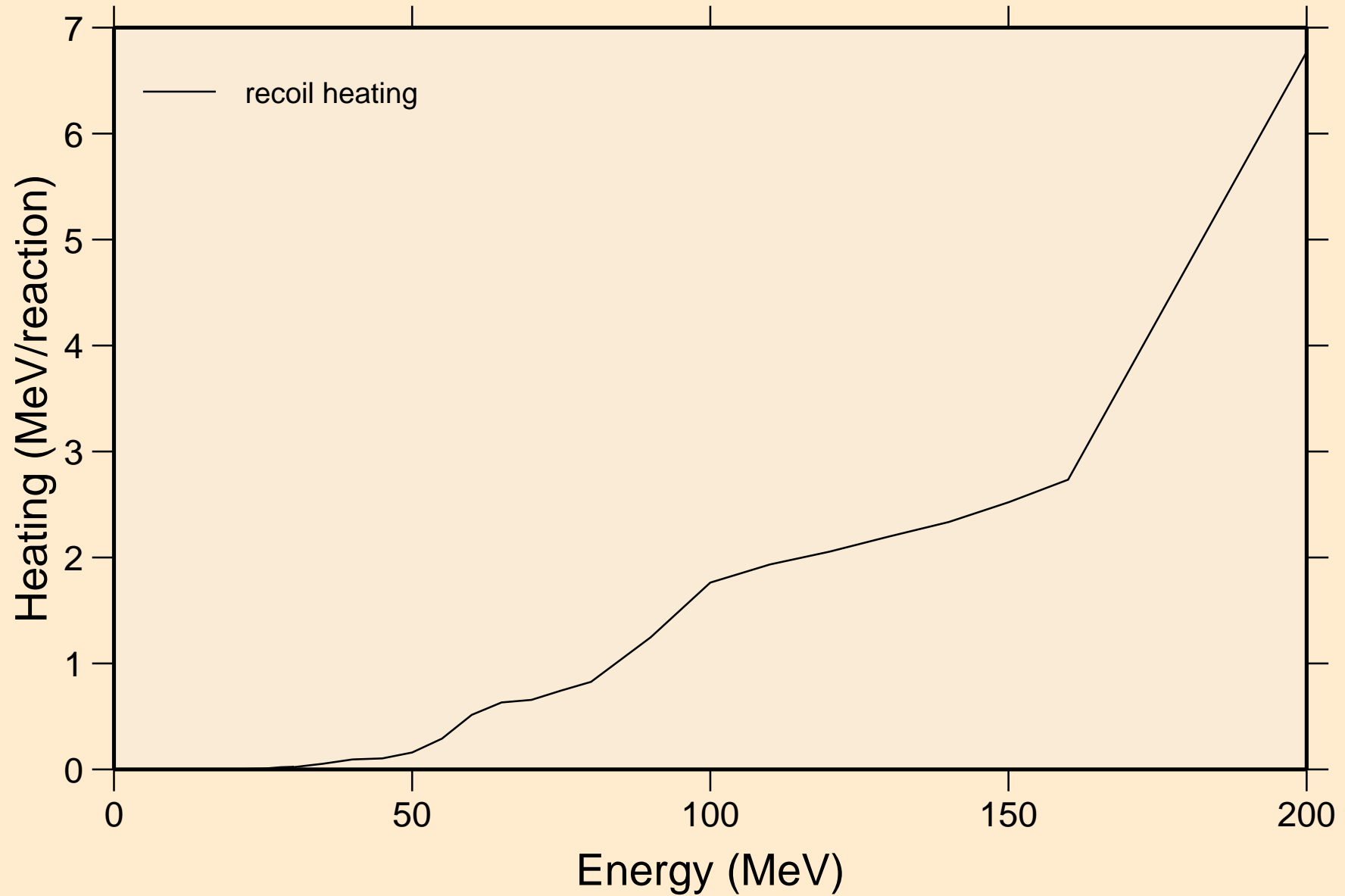
# YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

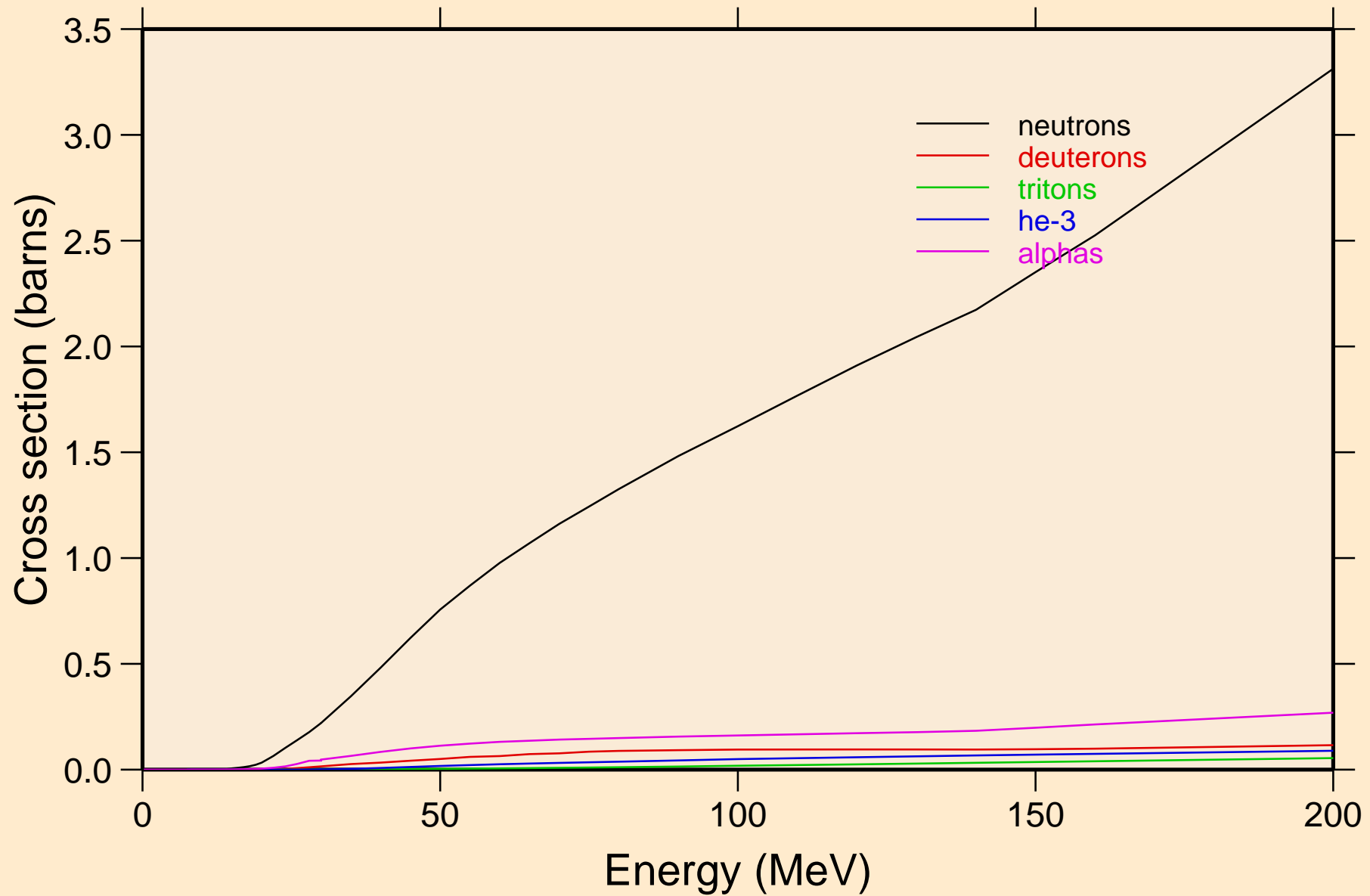


# YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K

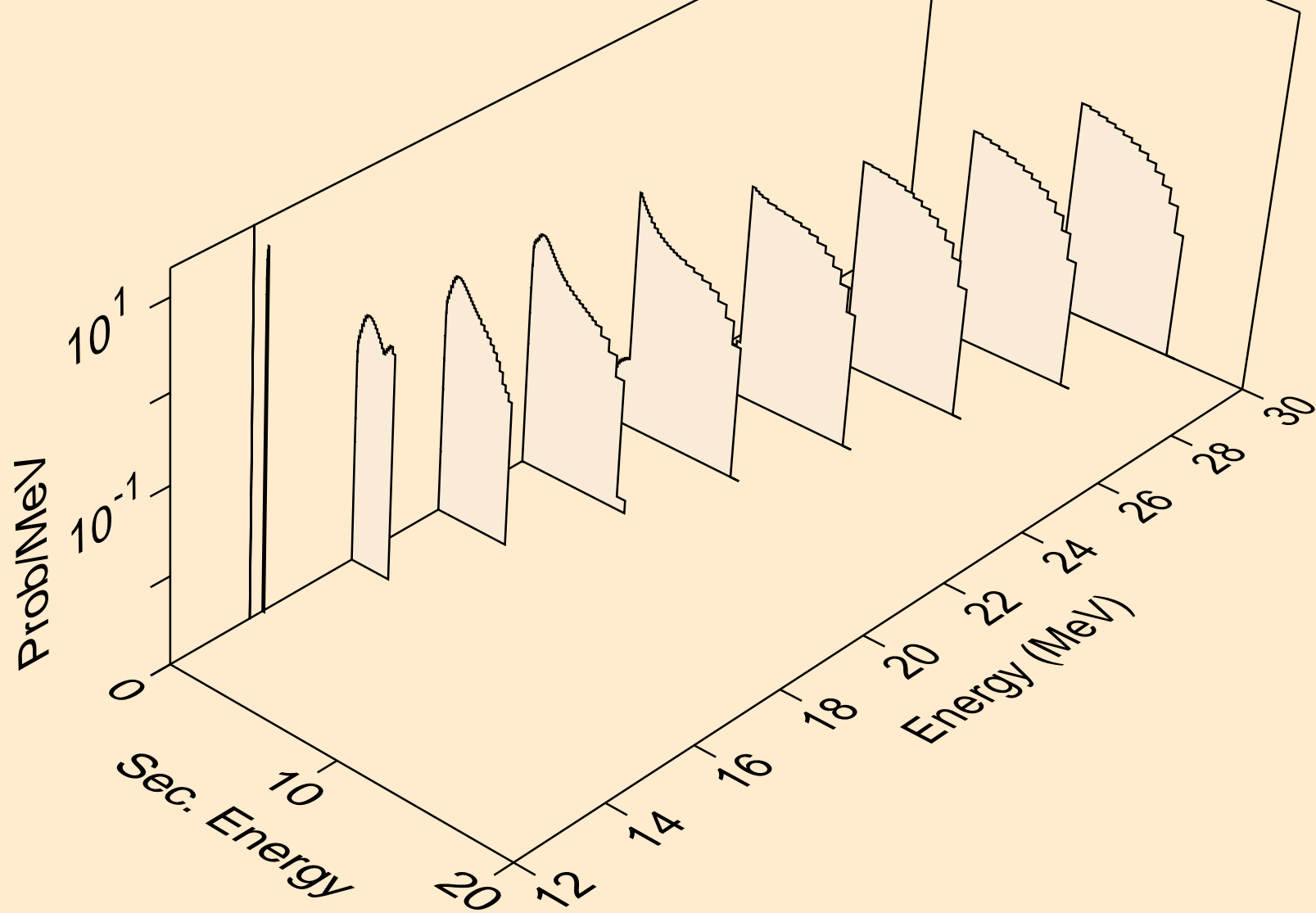
## Recoil Heating



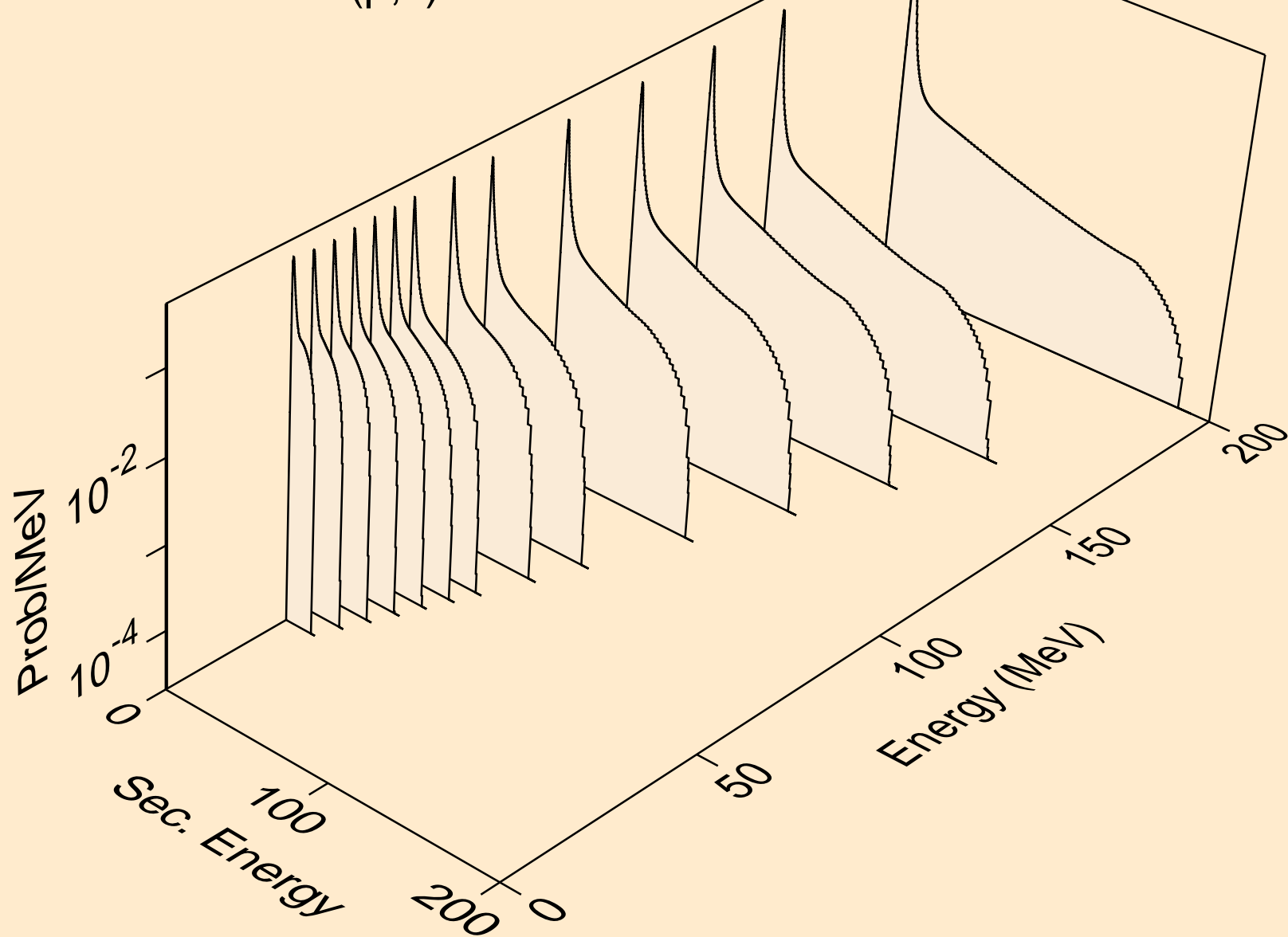
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



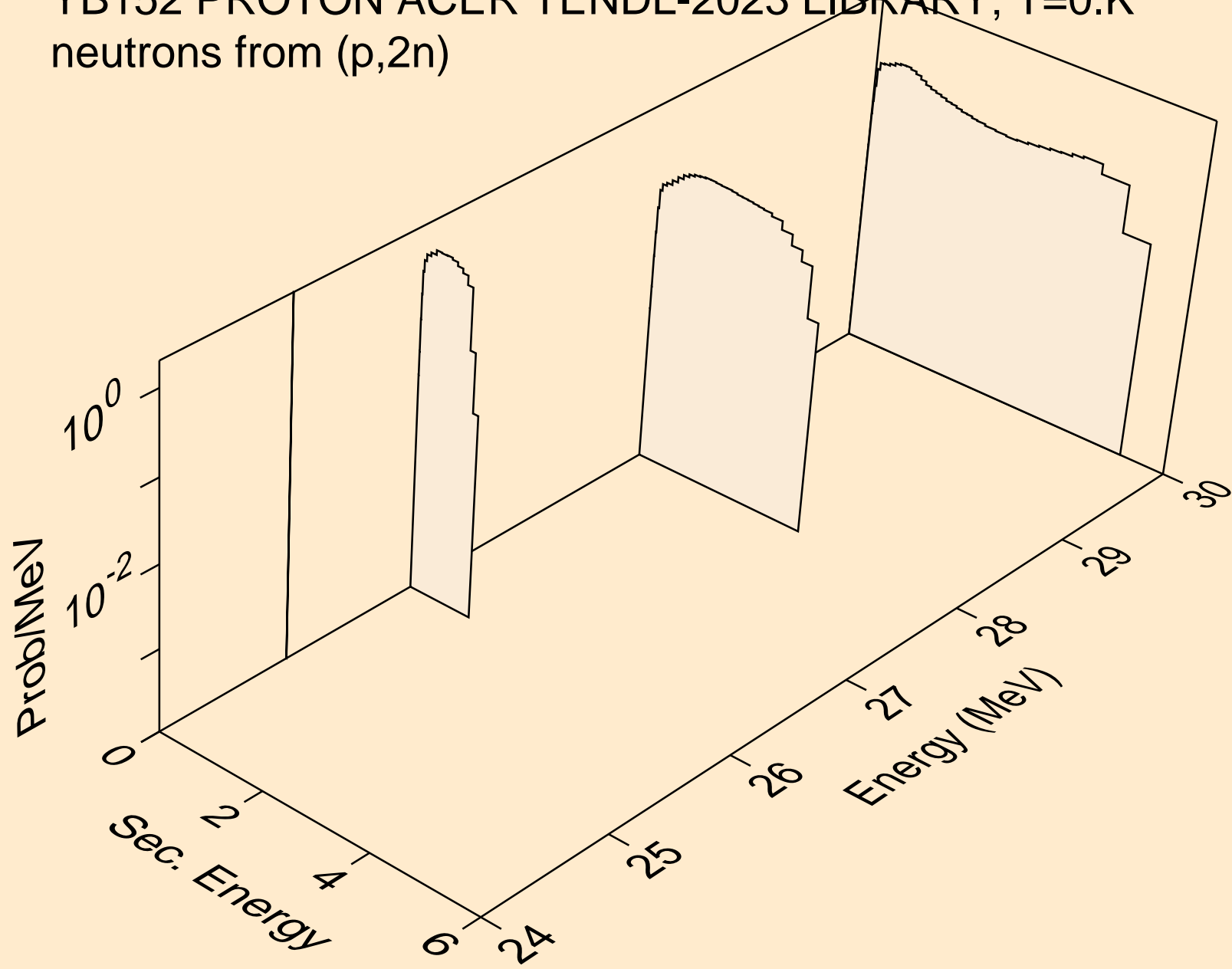
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



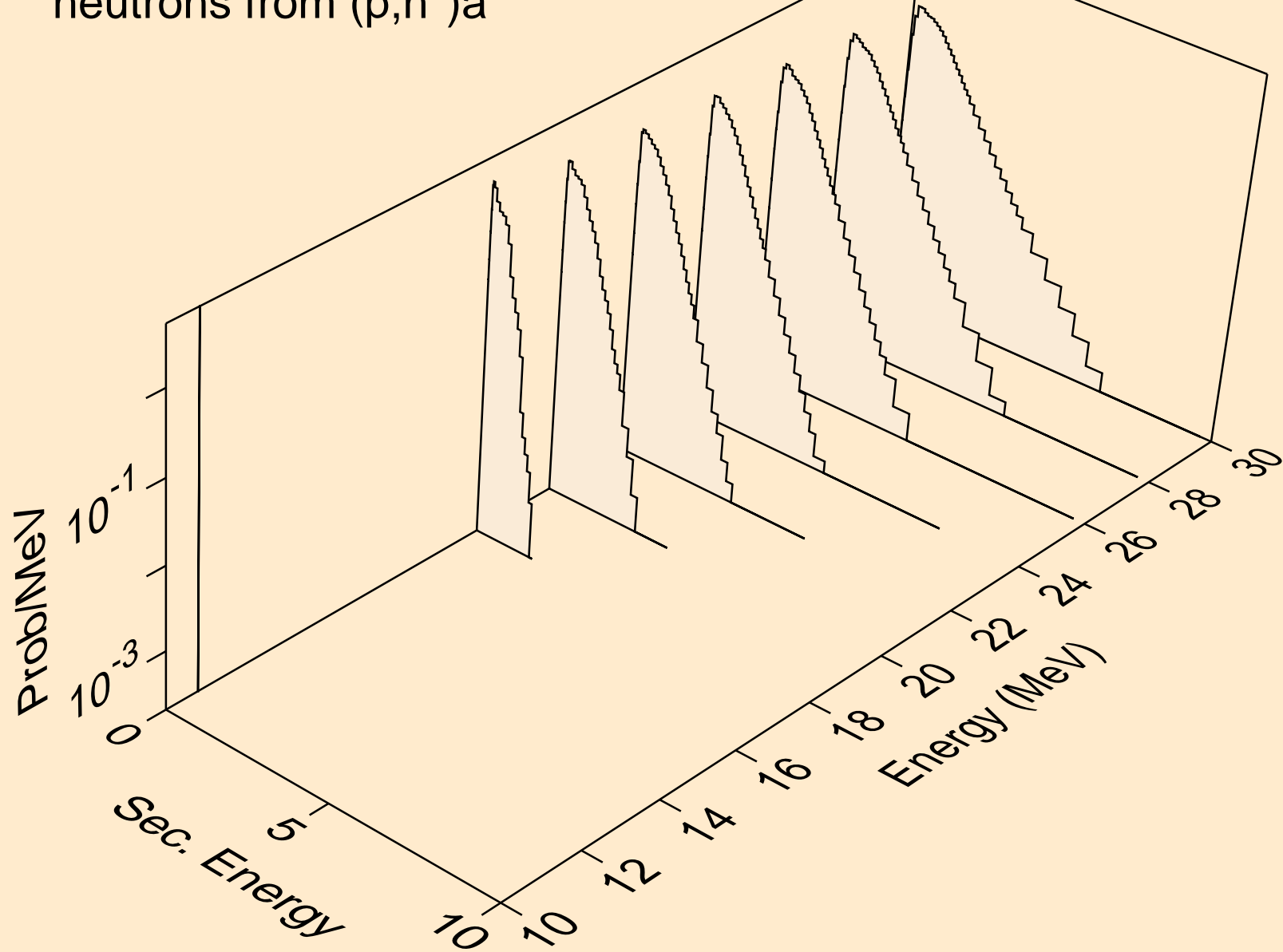
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



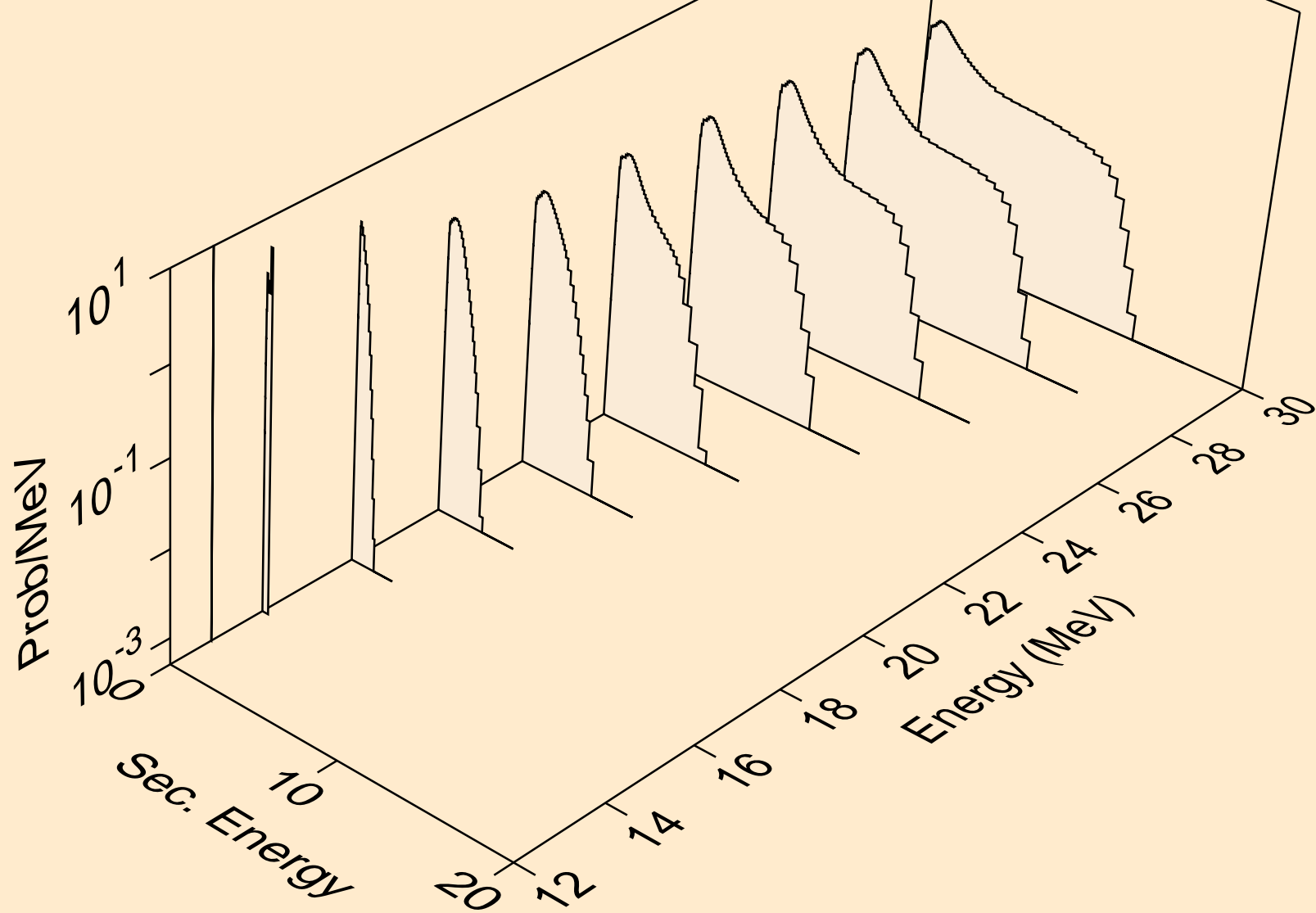
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a

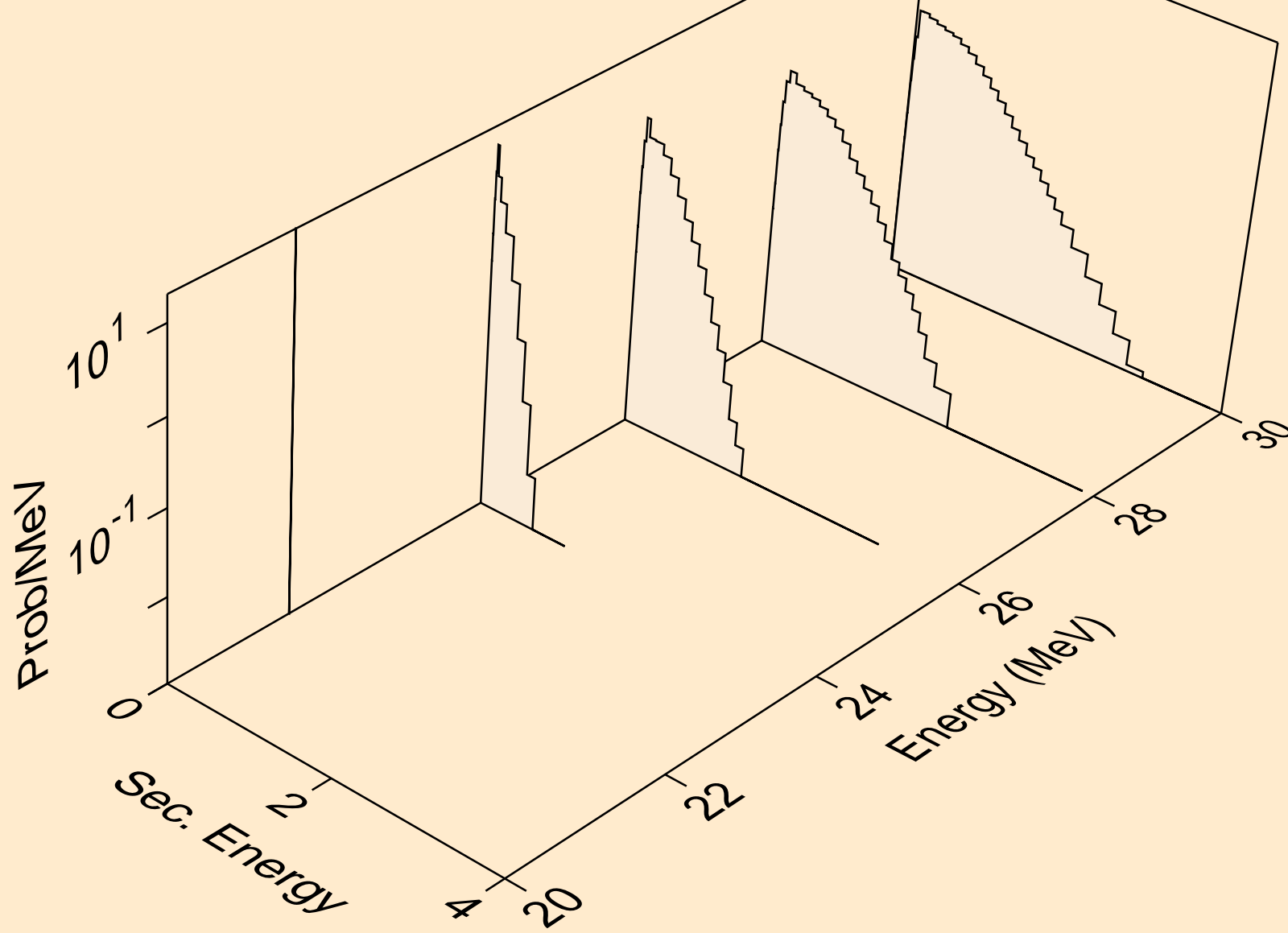


YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p

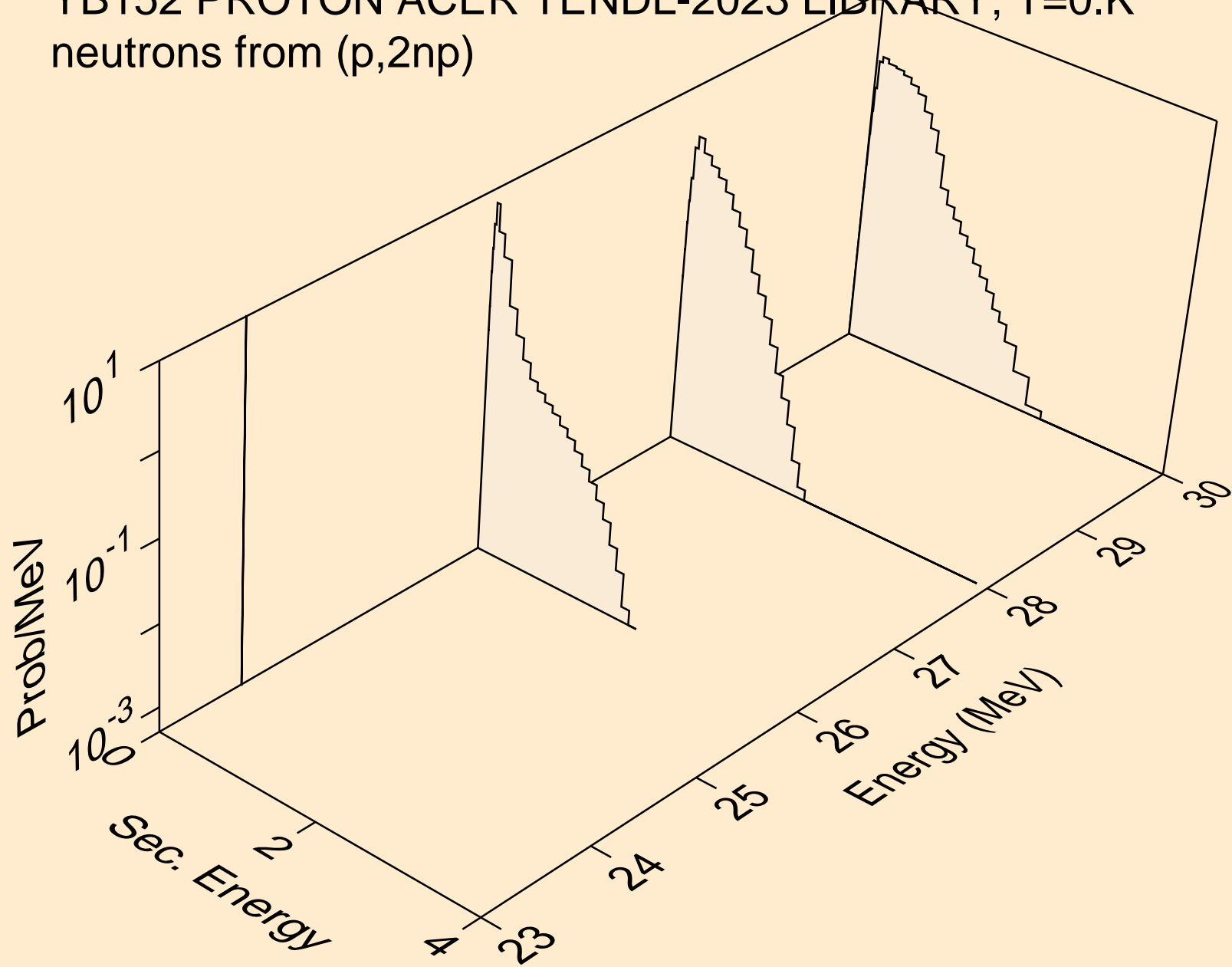




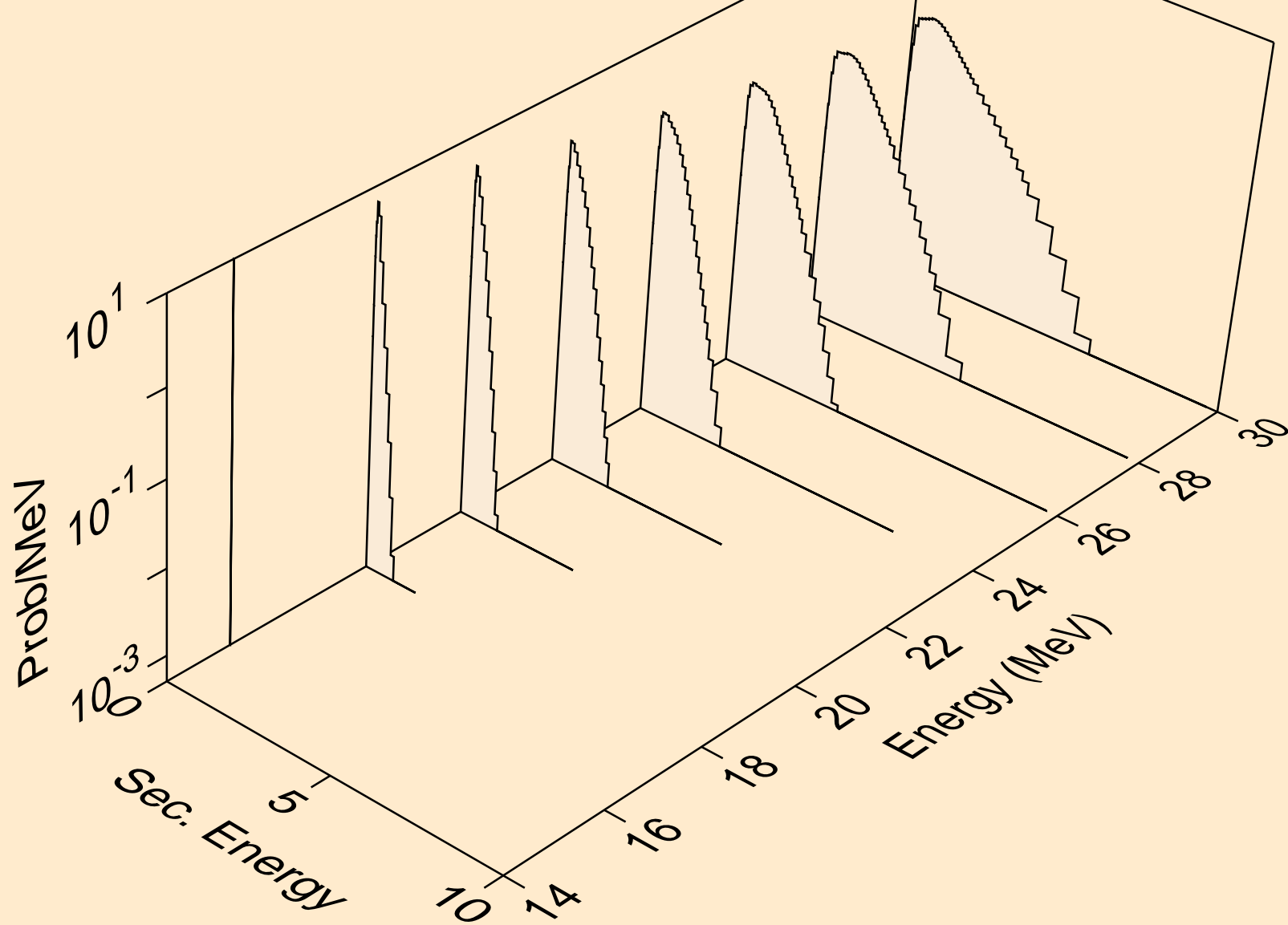
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



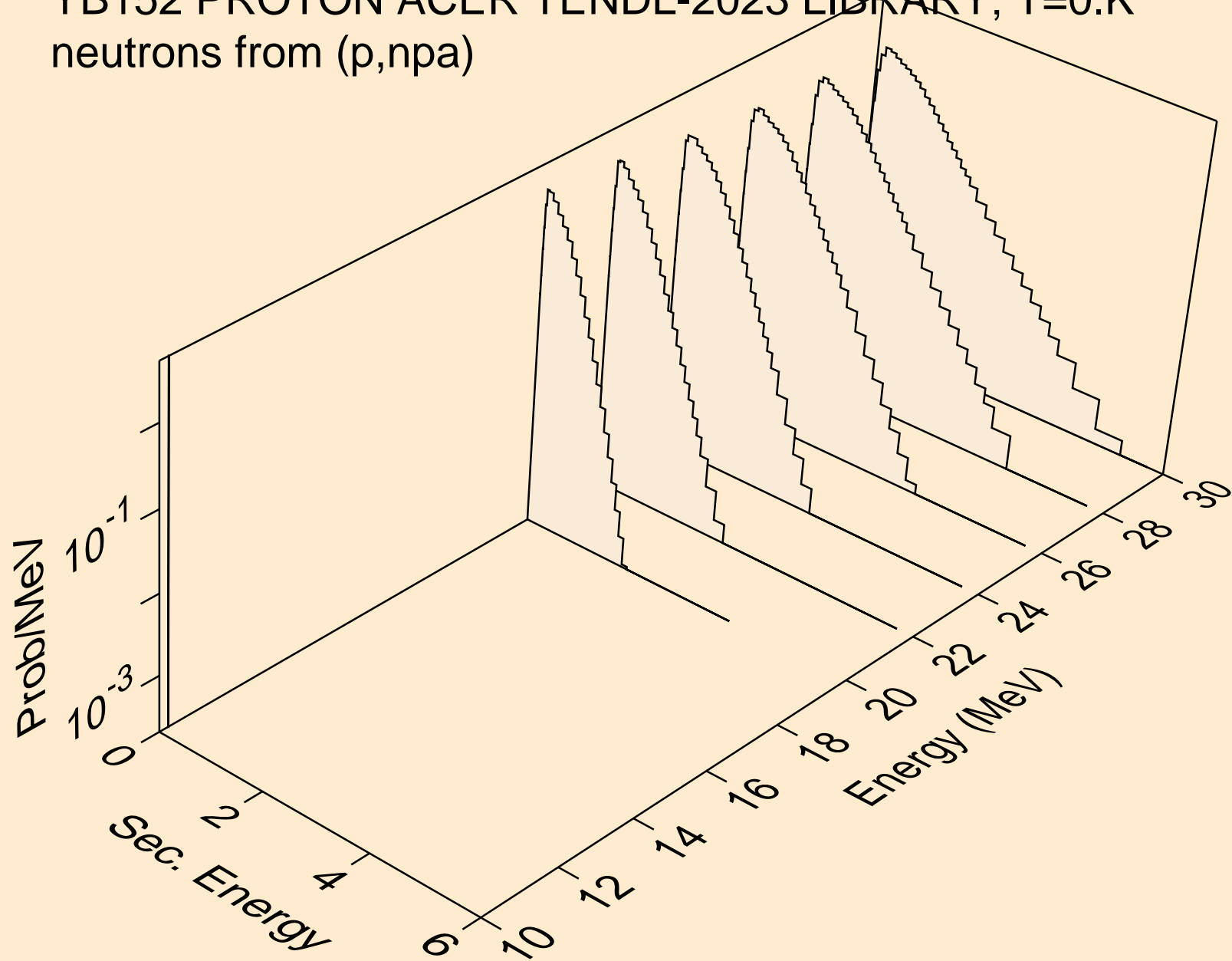
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



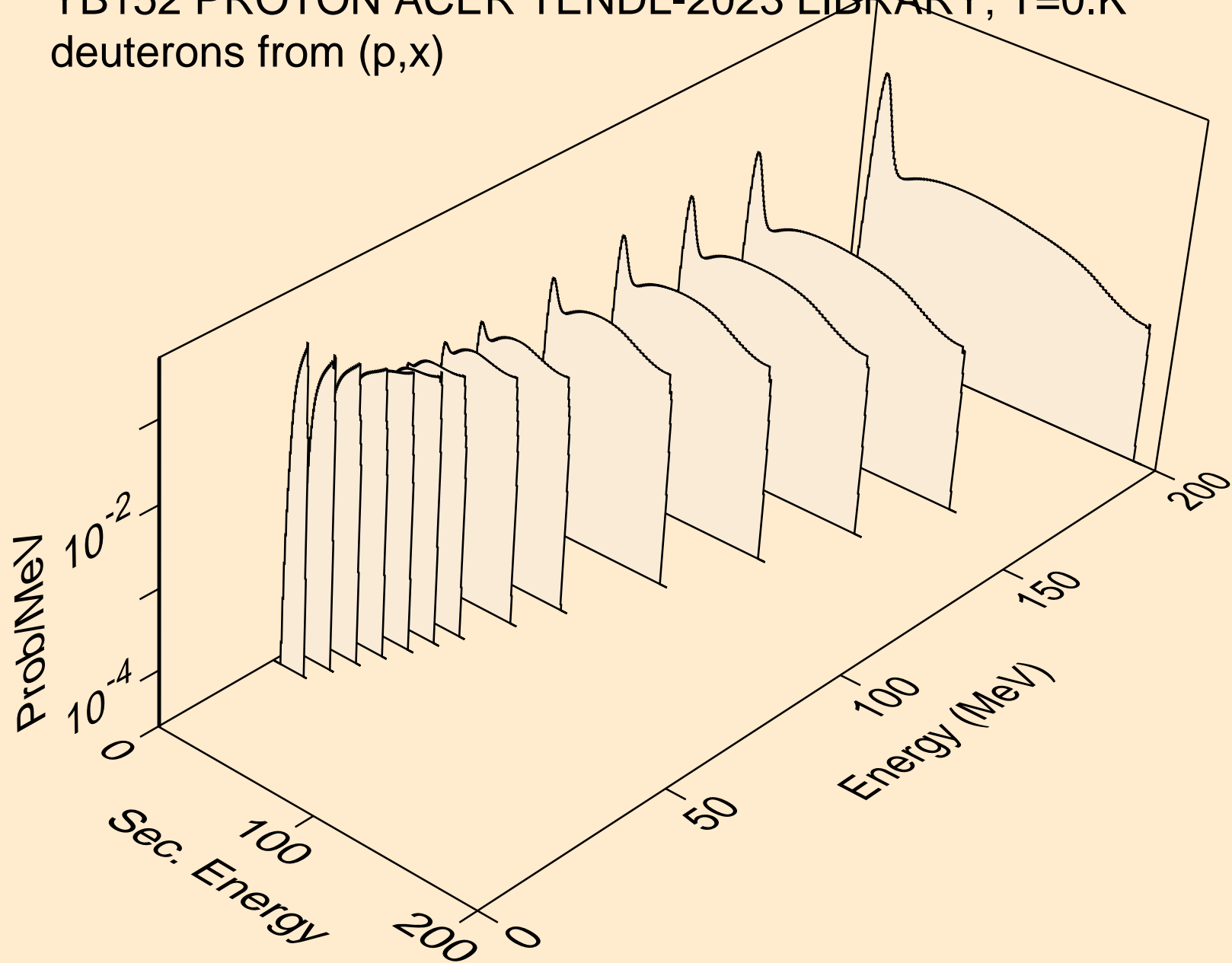
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



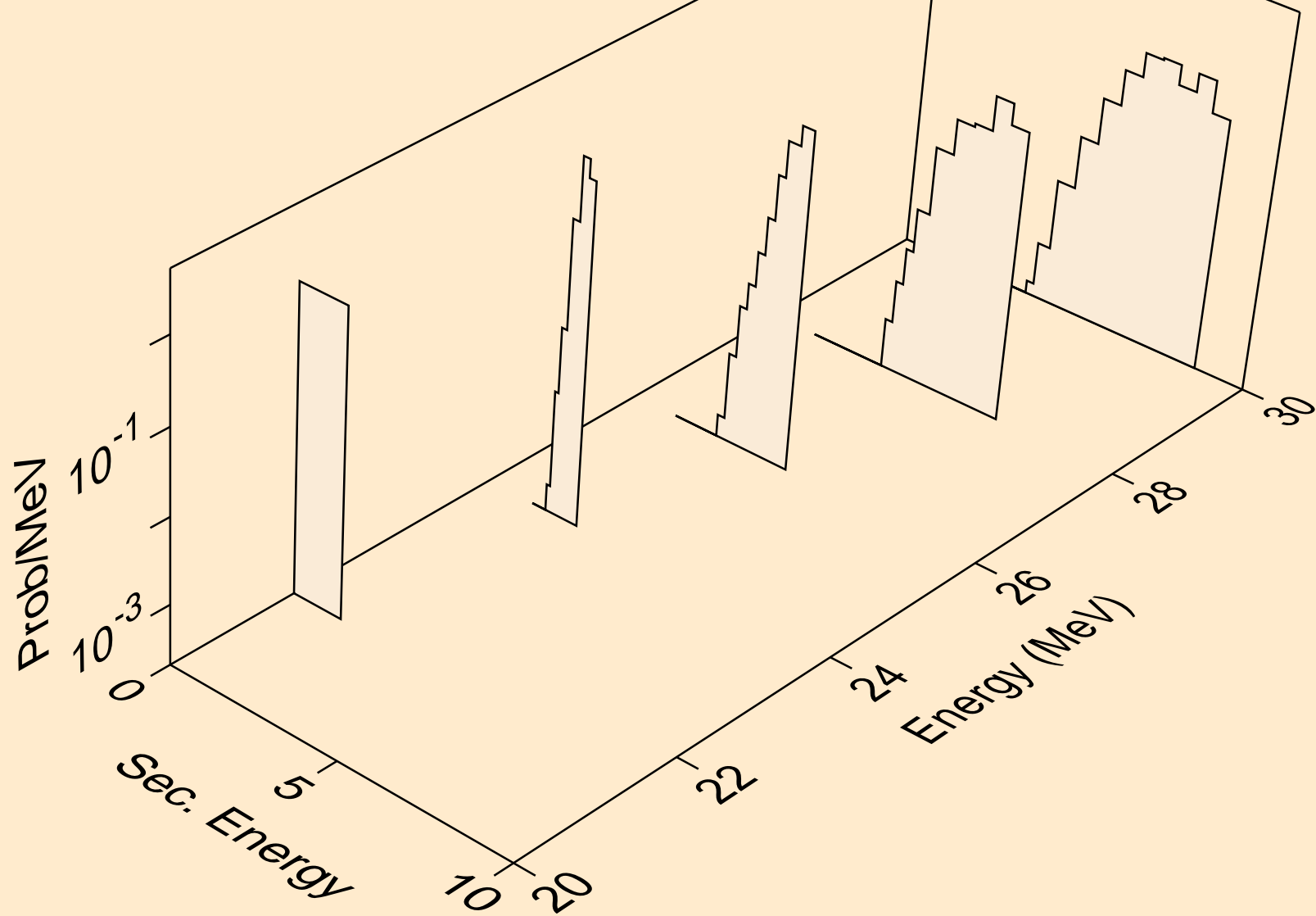
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



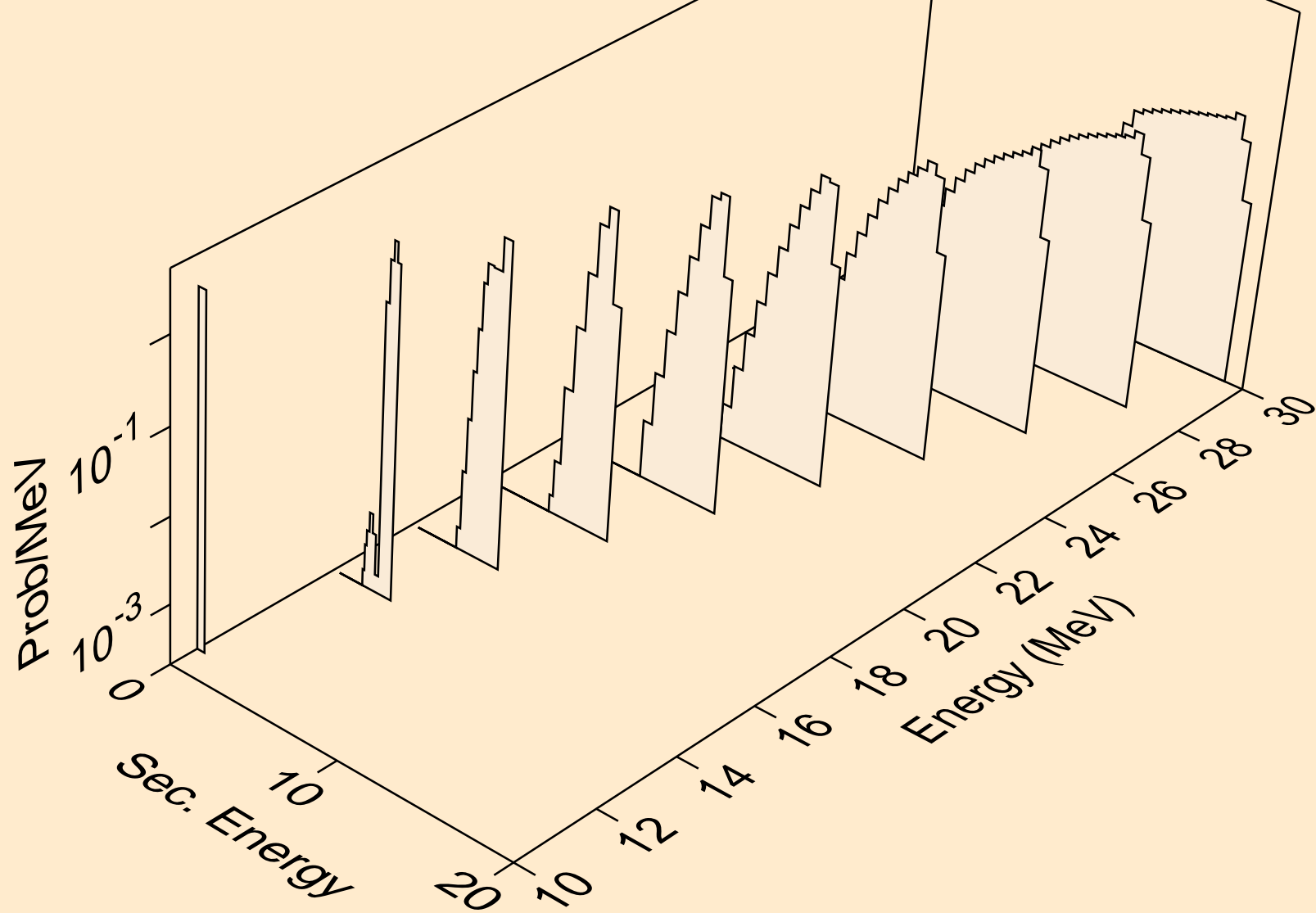
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



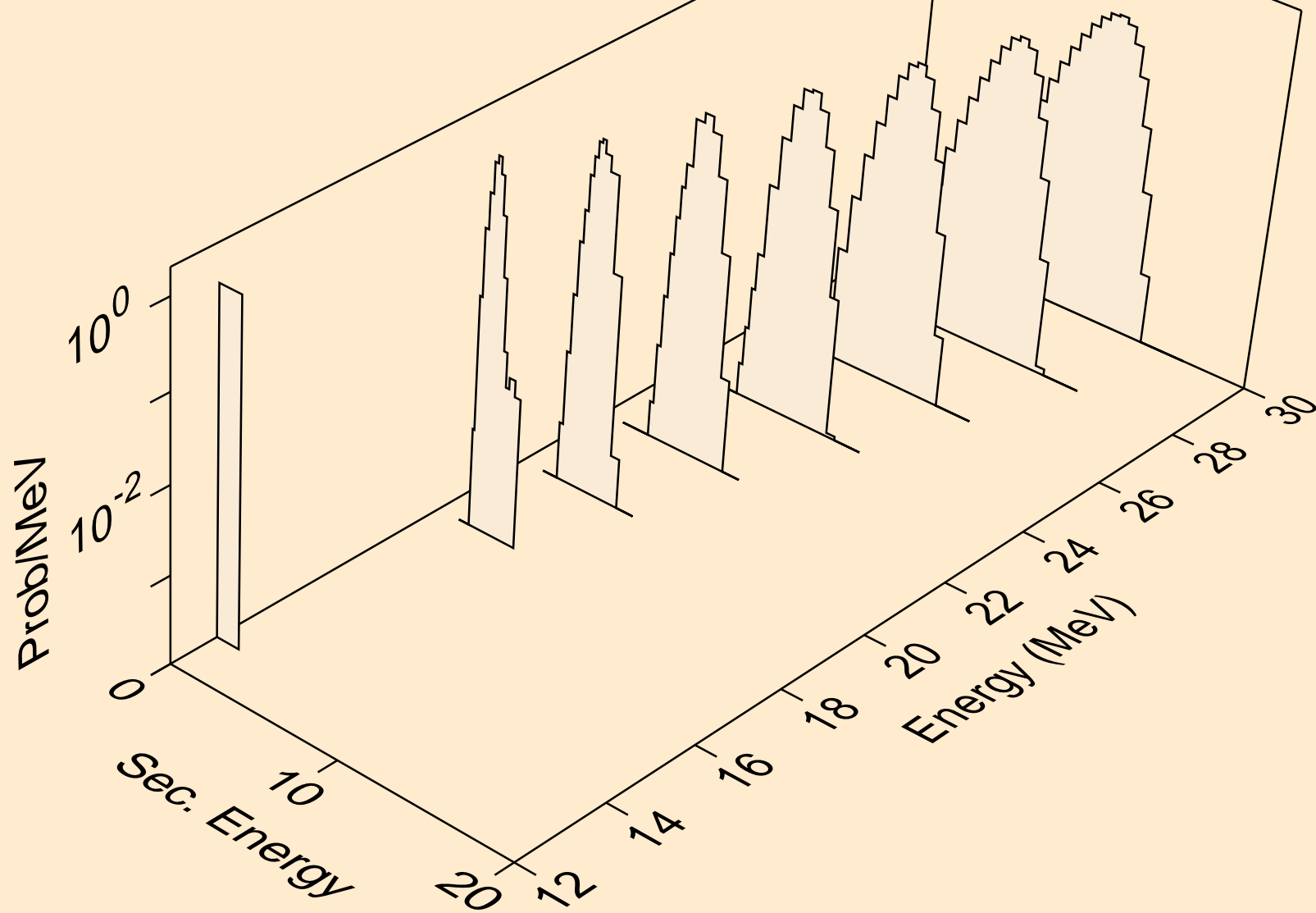
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

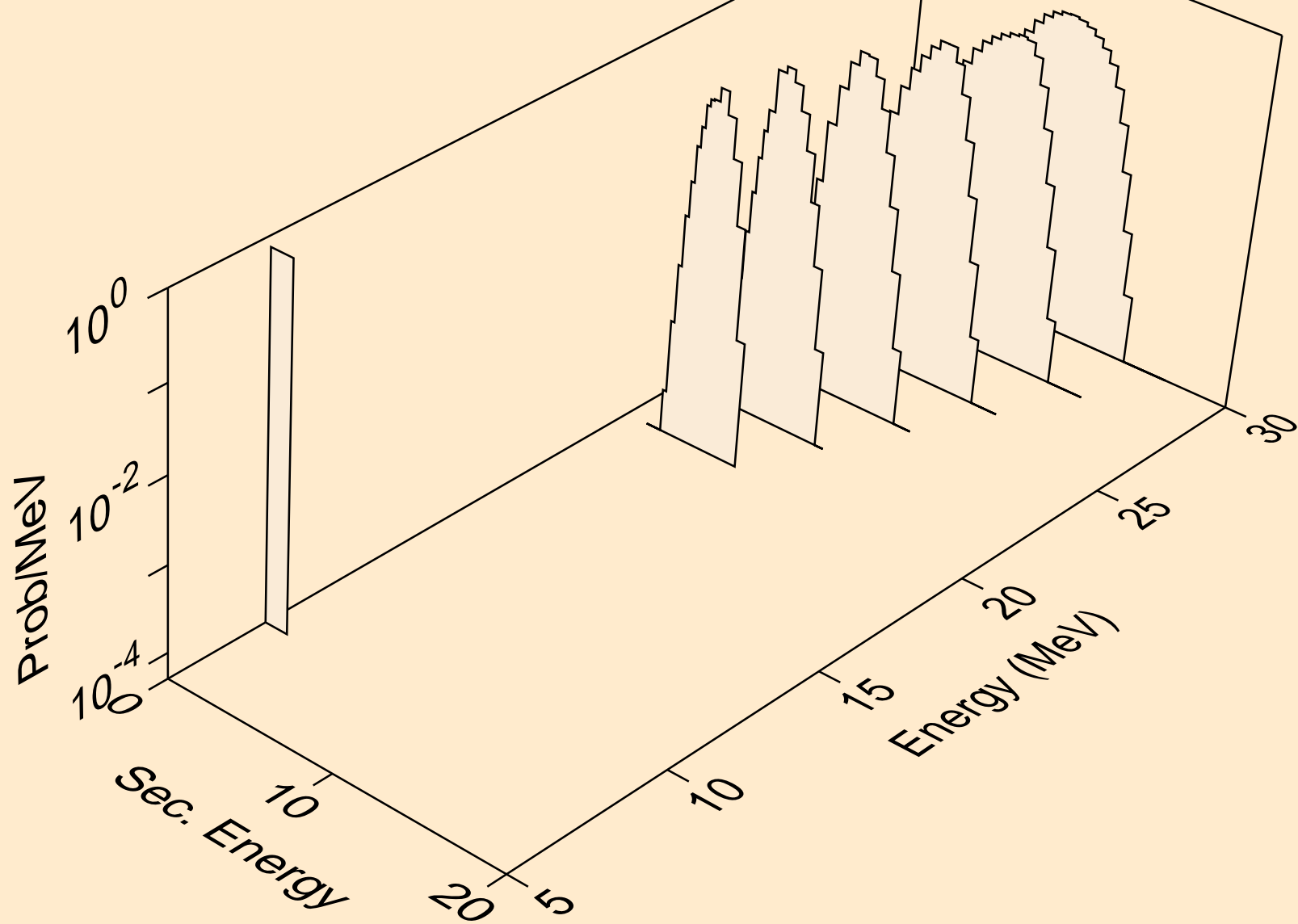


YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)

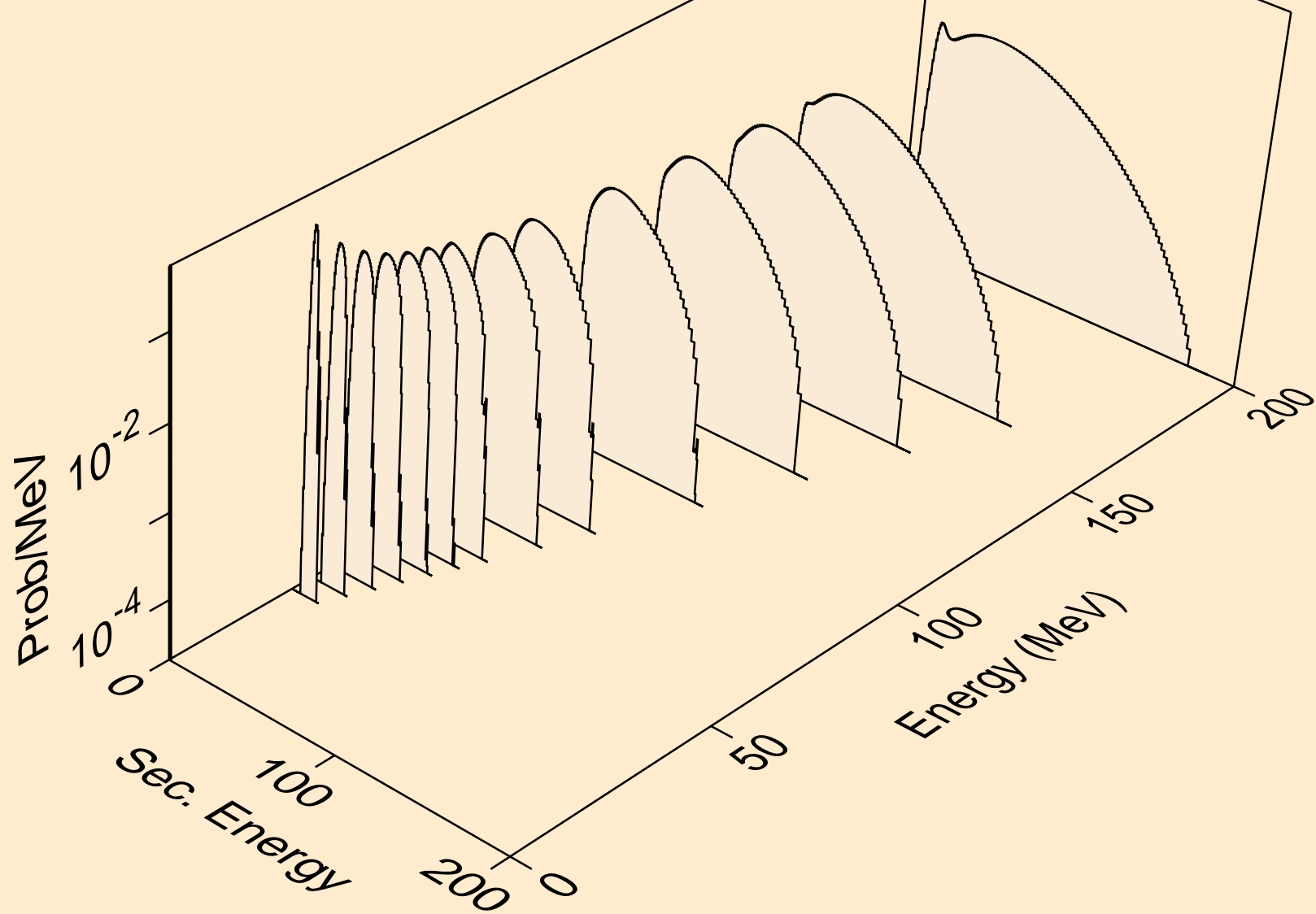




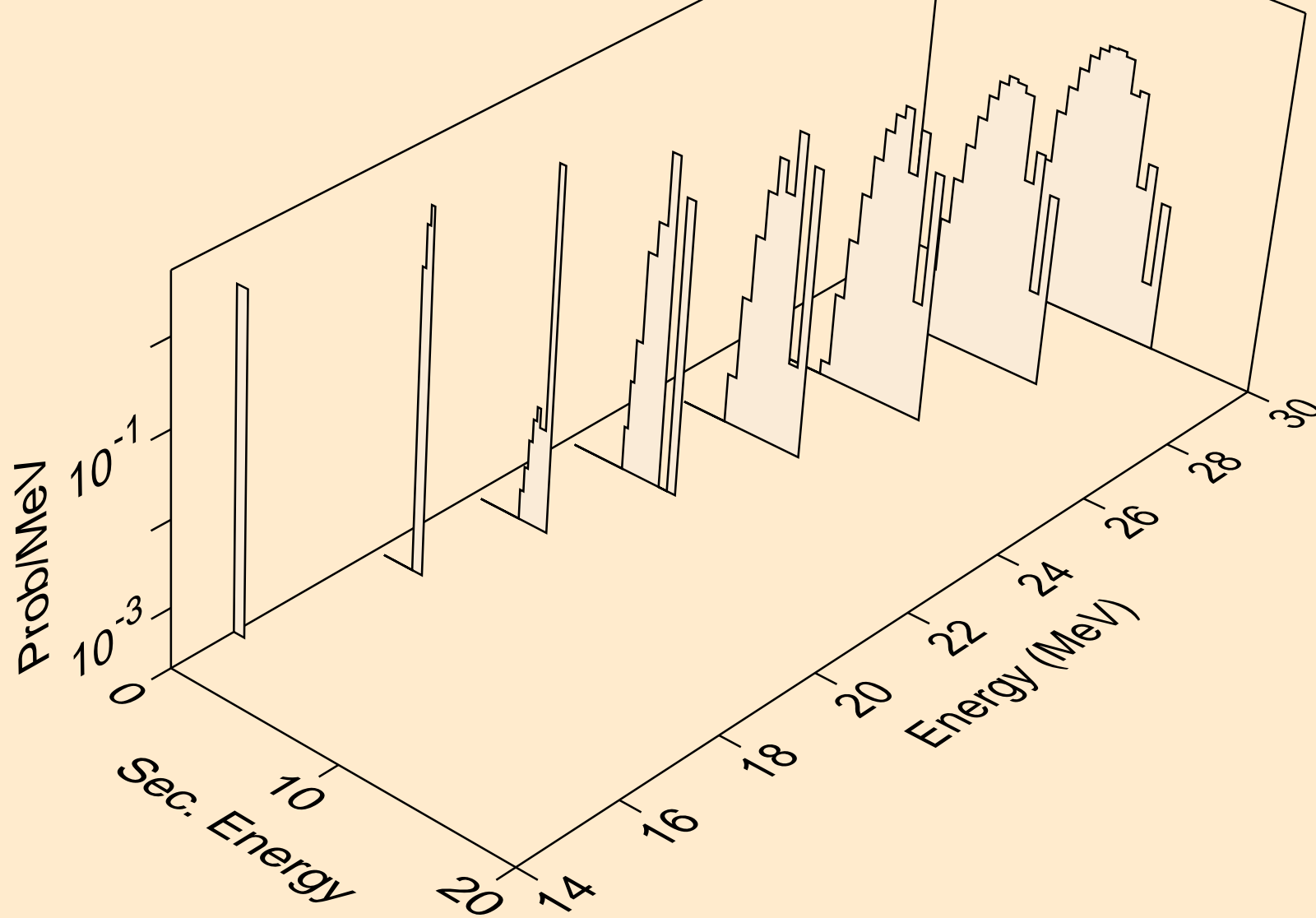
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



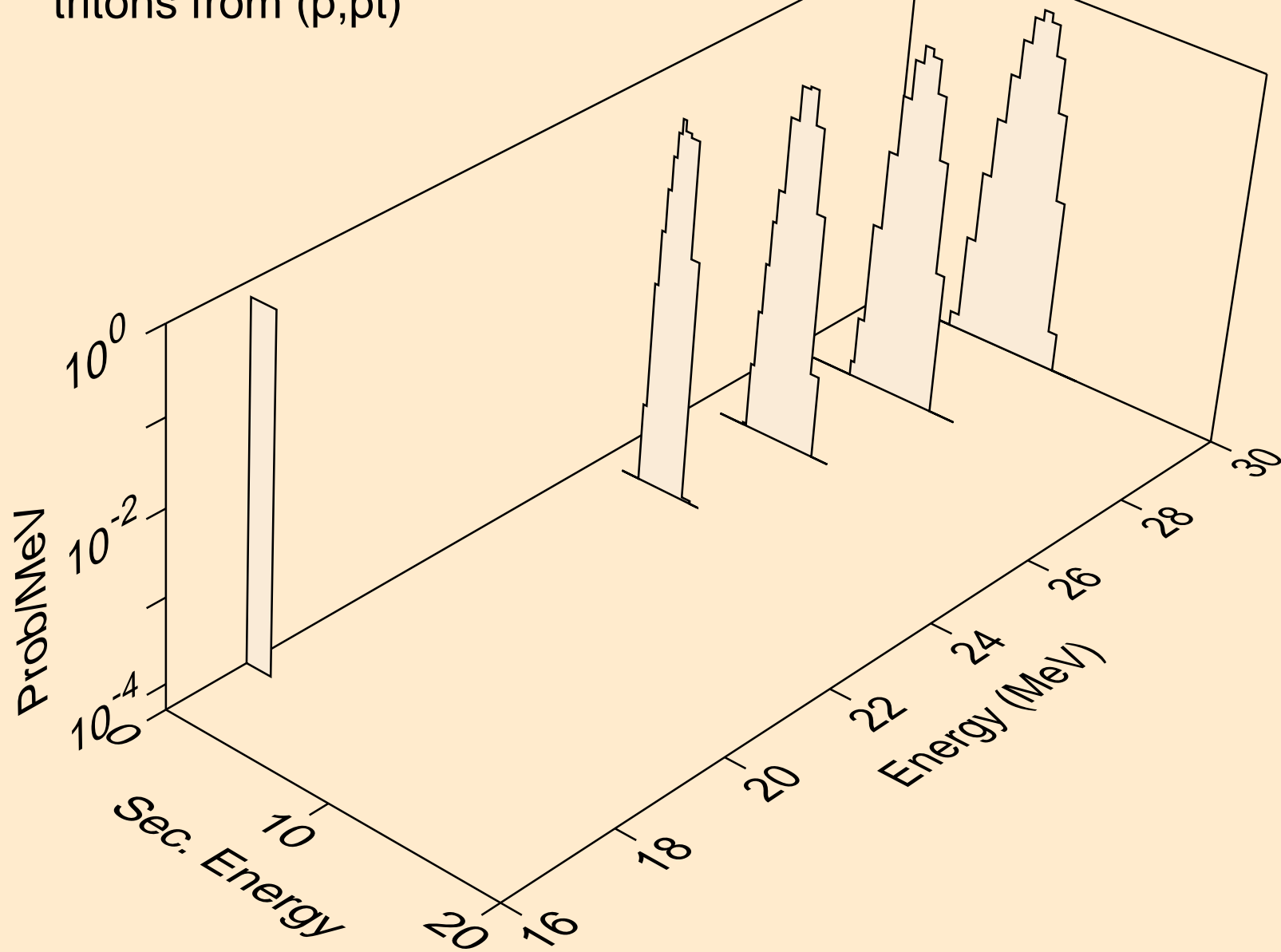
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



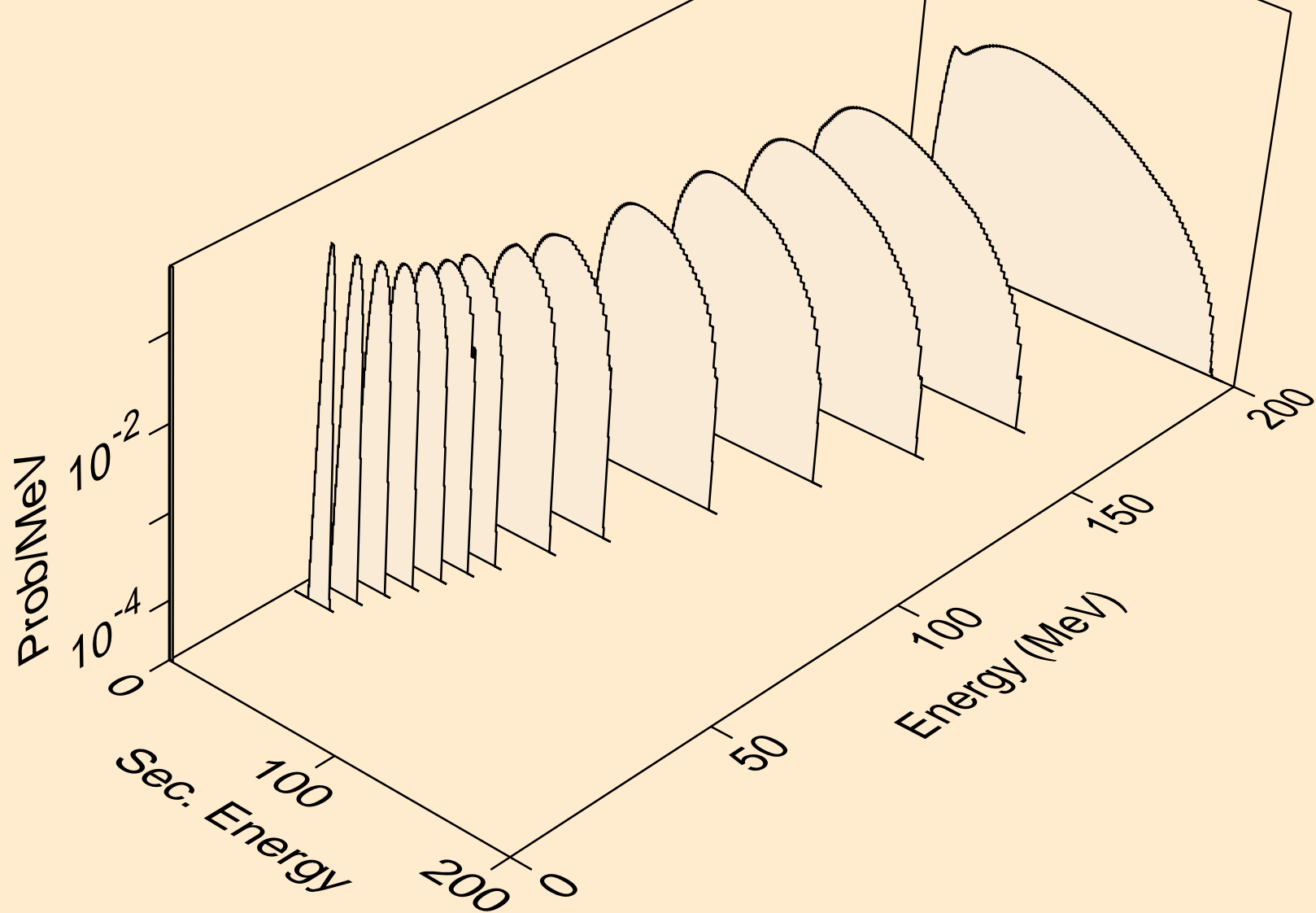
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



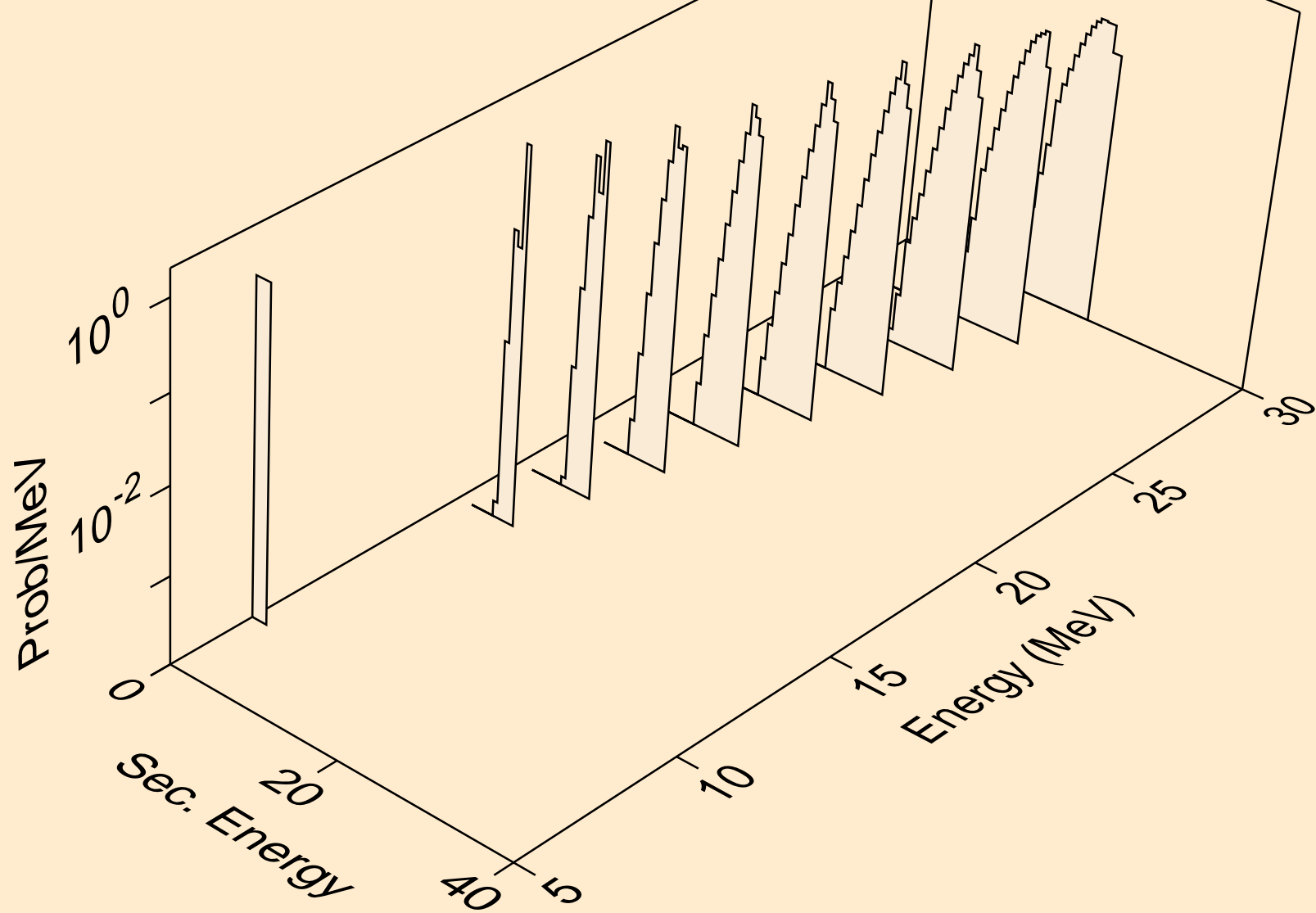
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



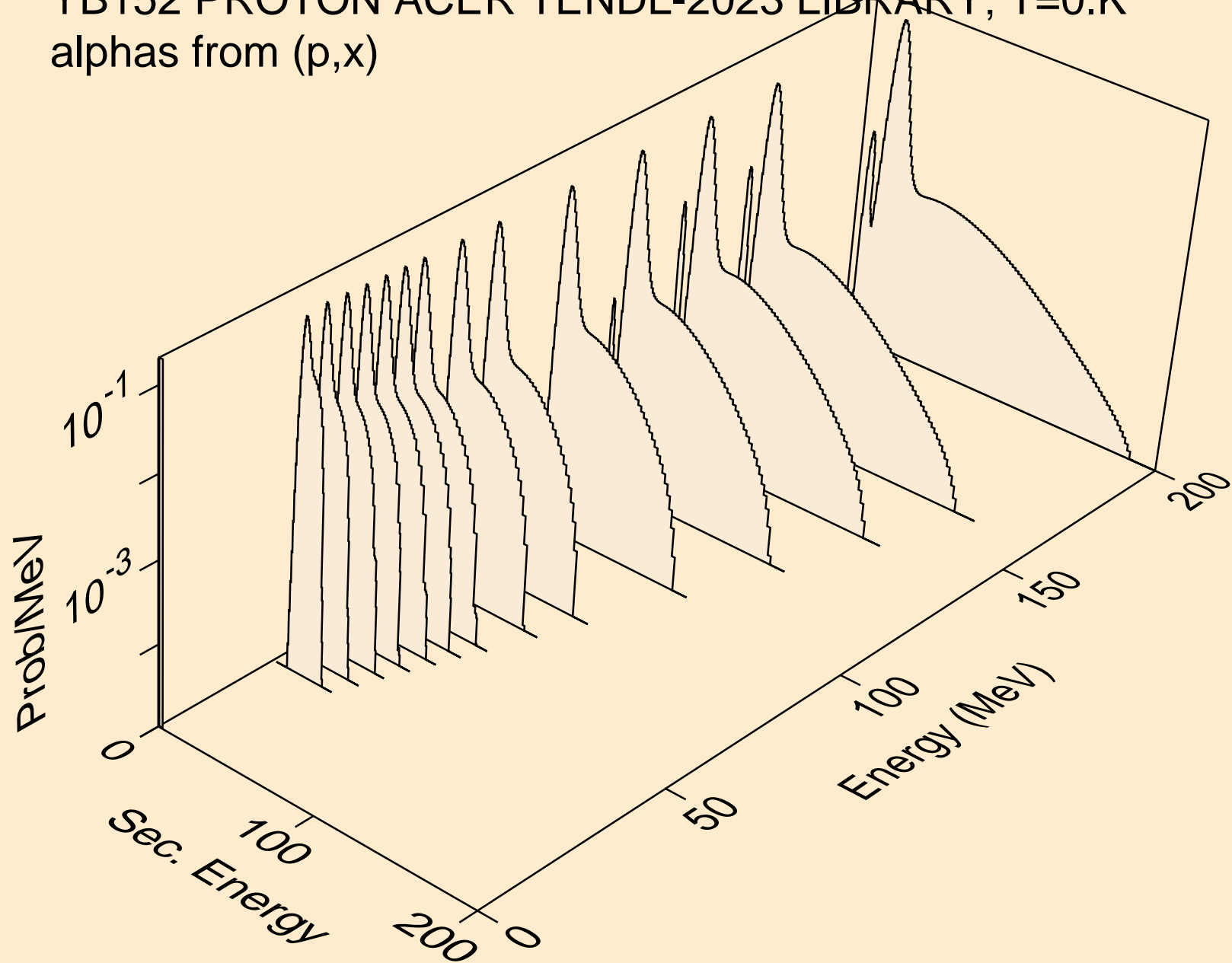
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



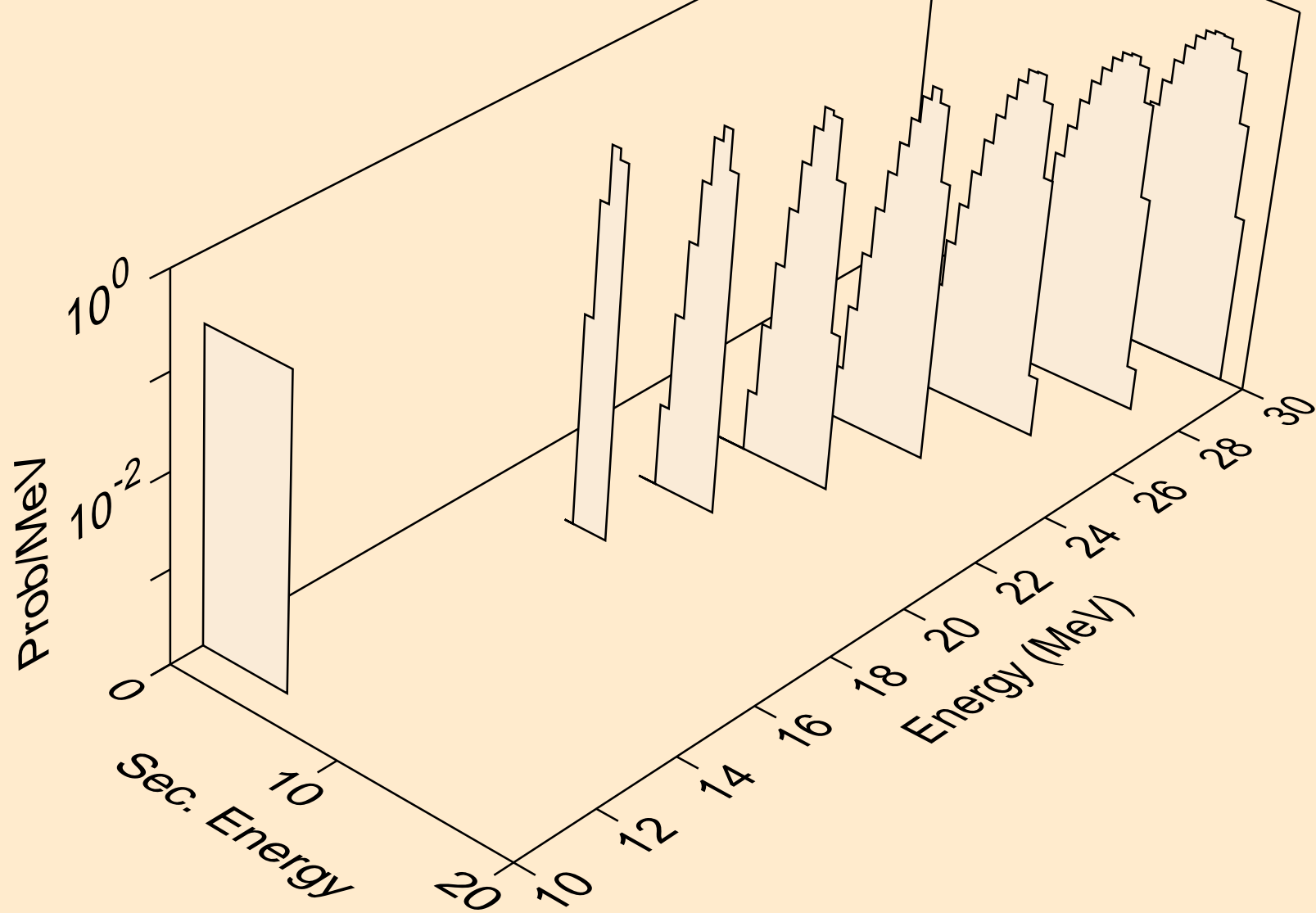
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)

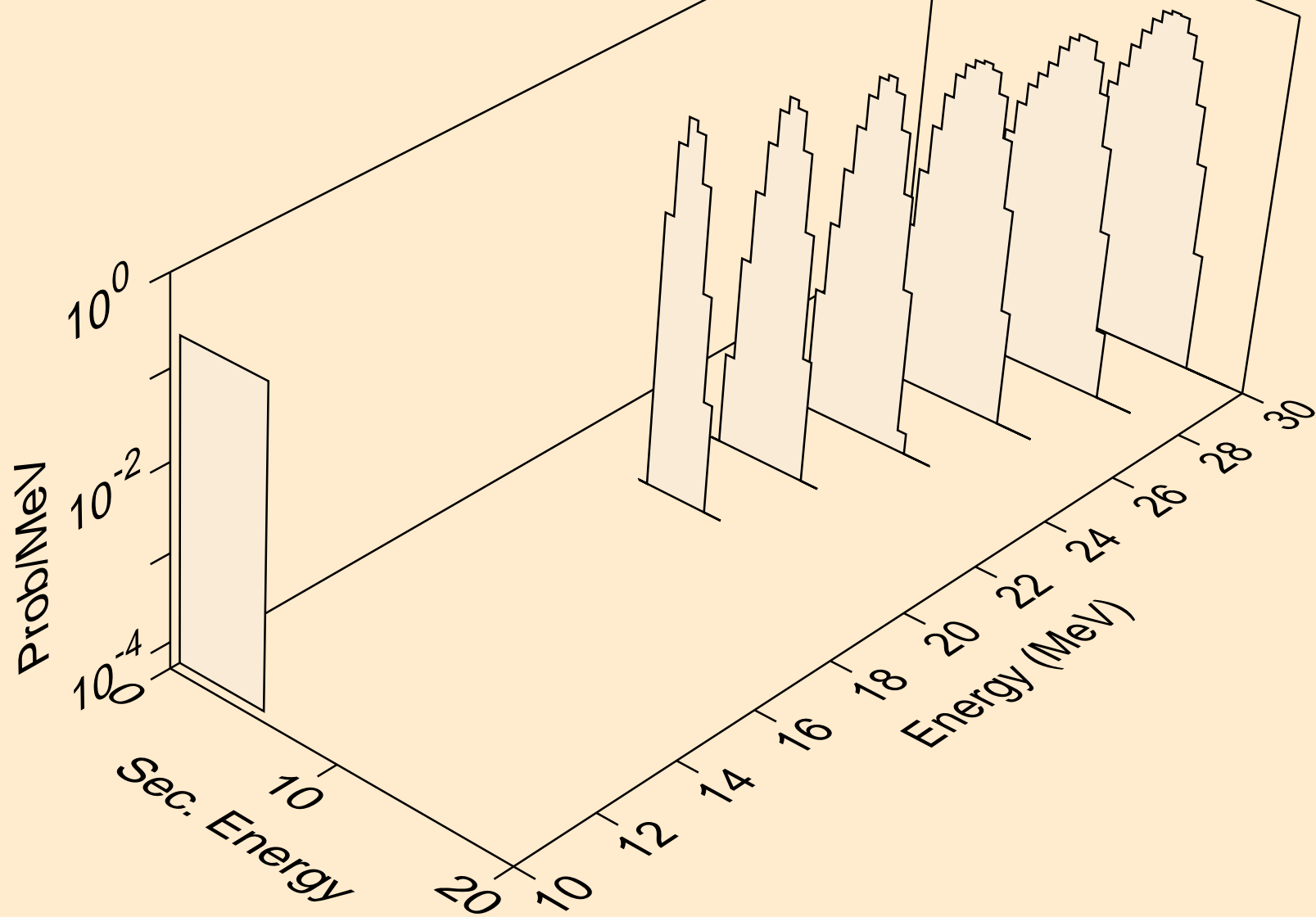


YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

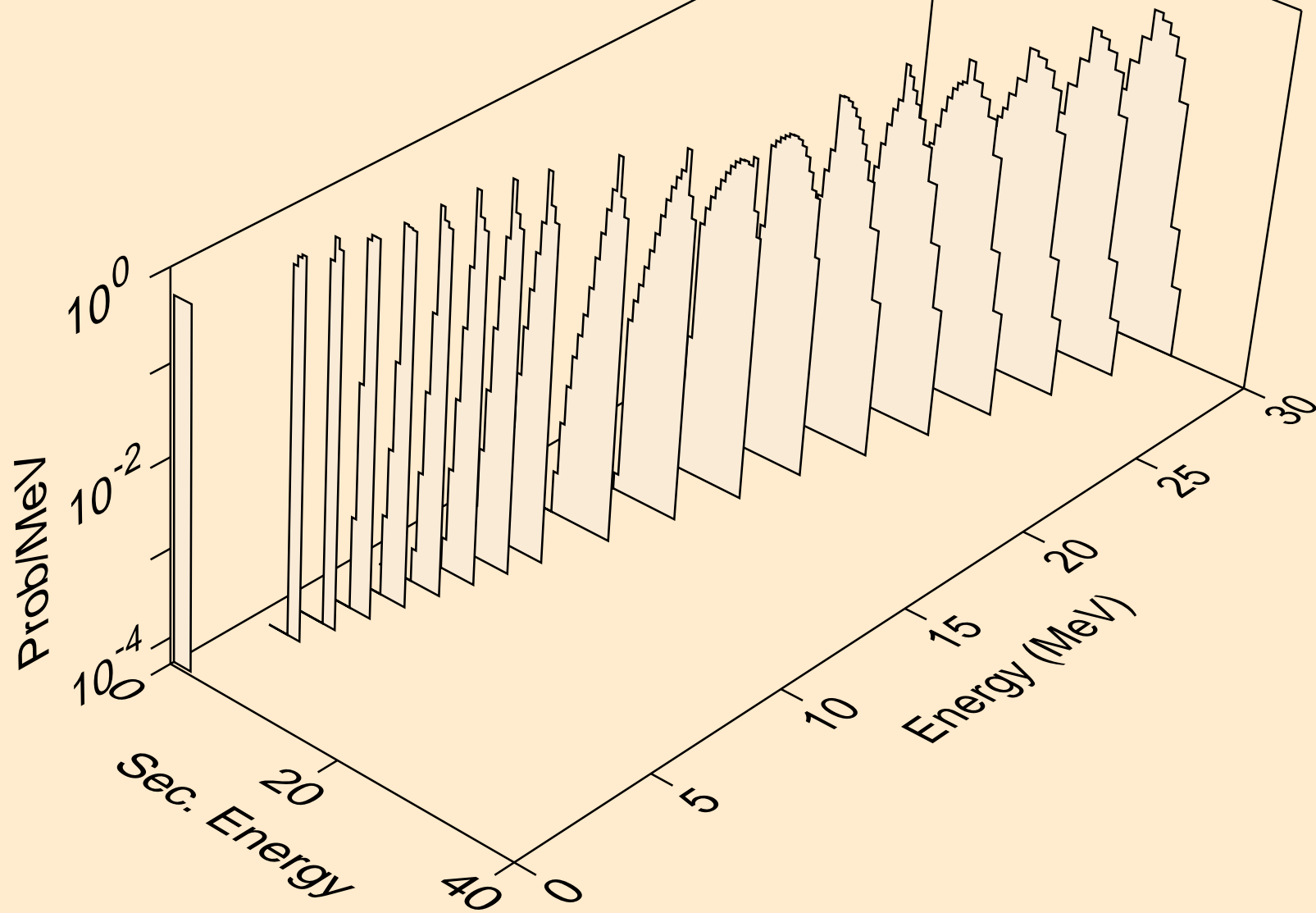




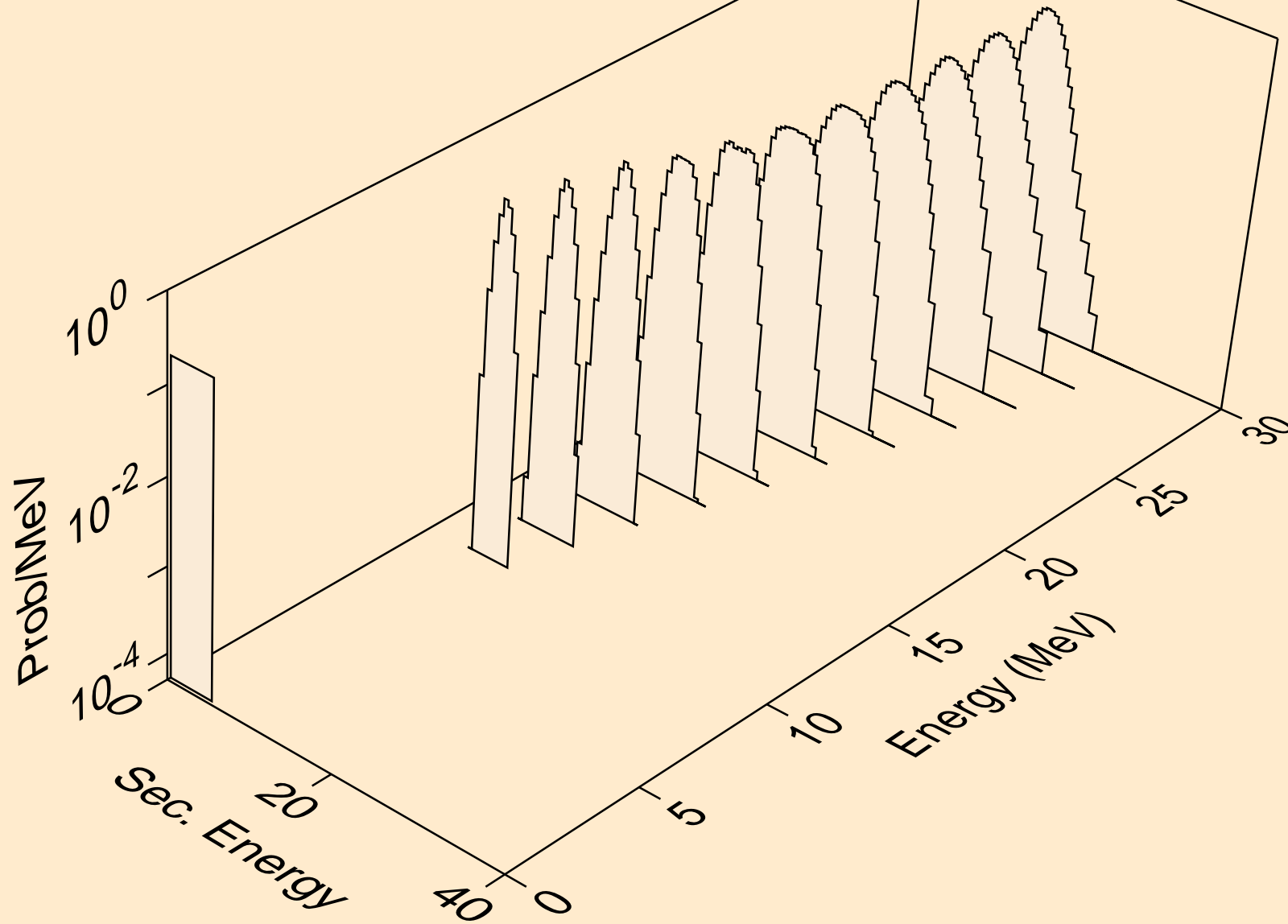
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



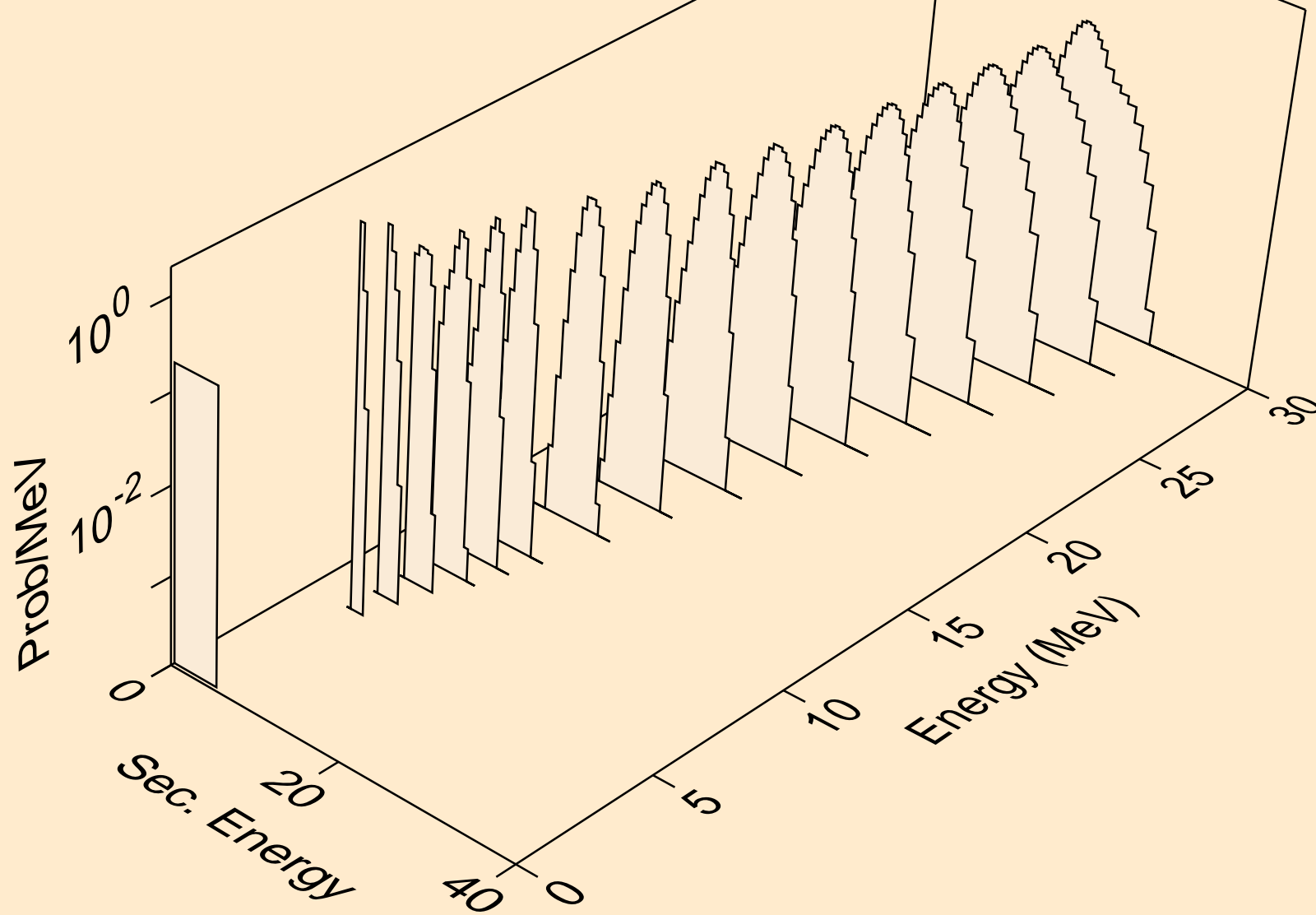
YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



YB152 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

