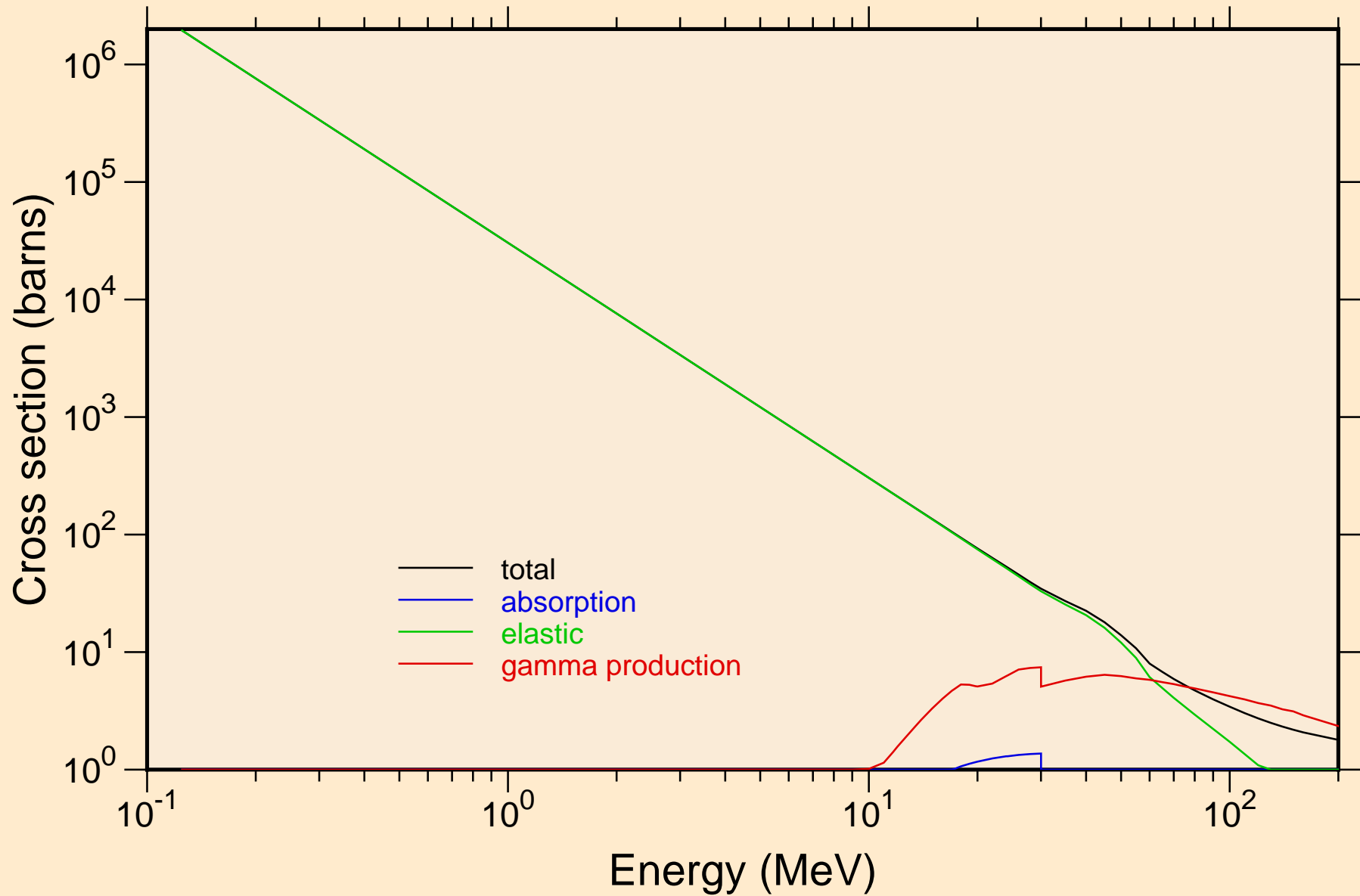
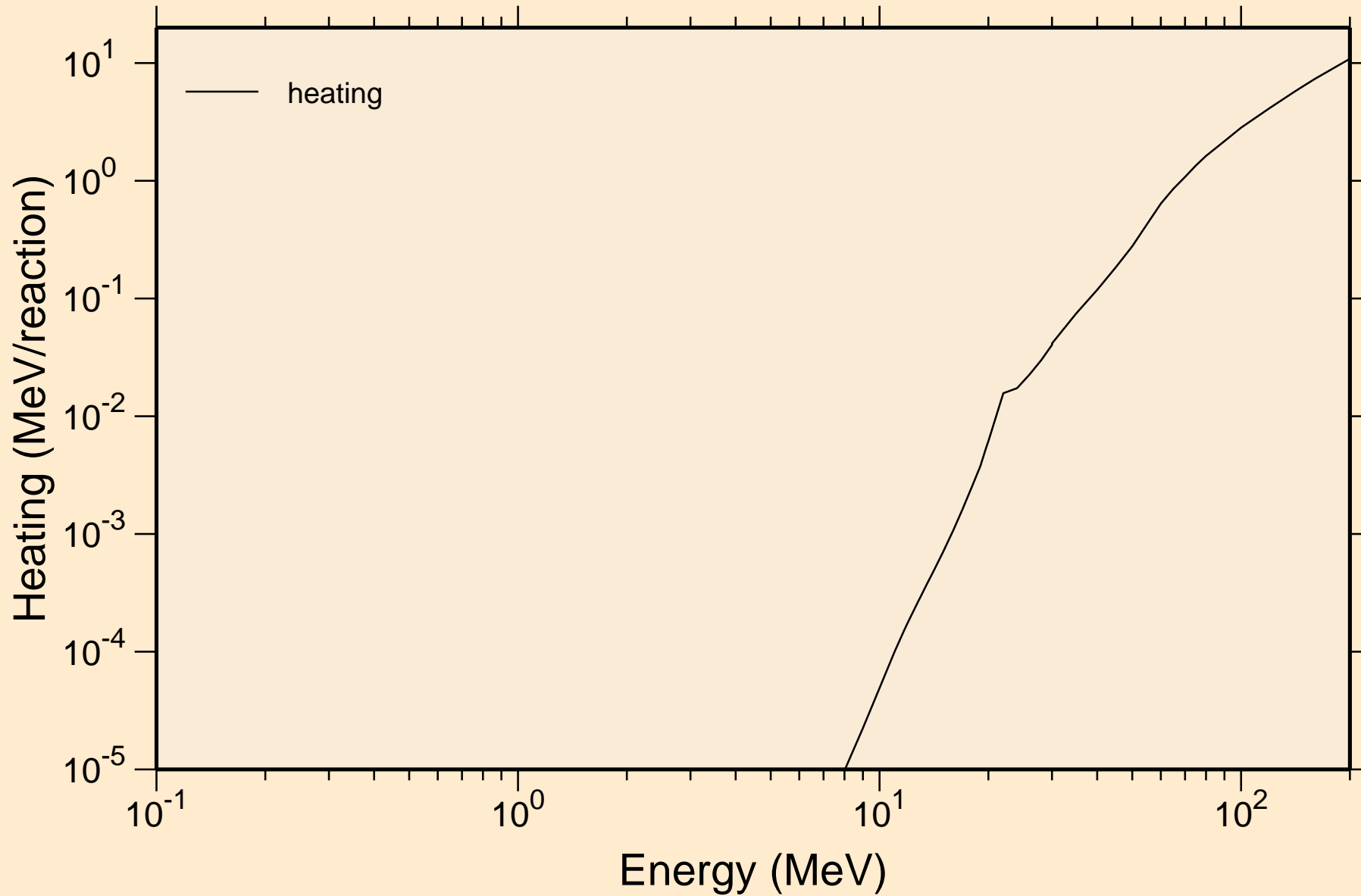


YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



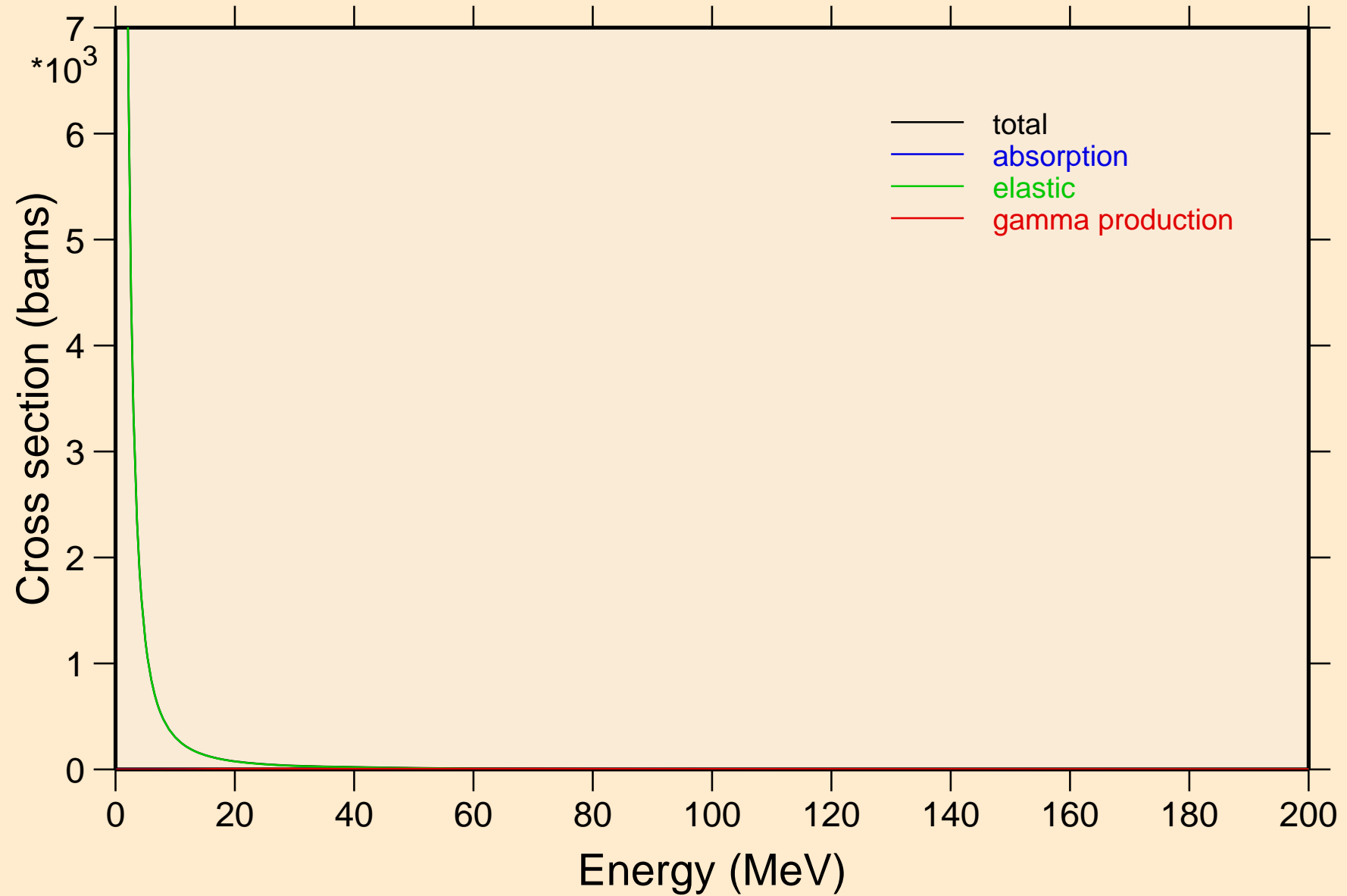
# YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



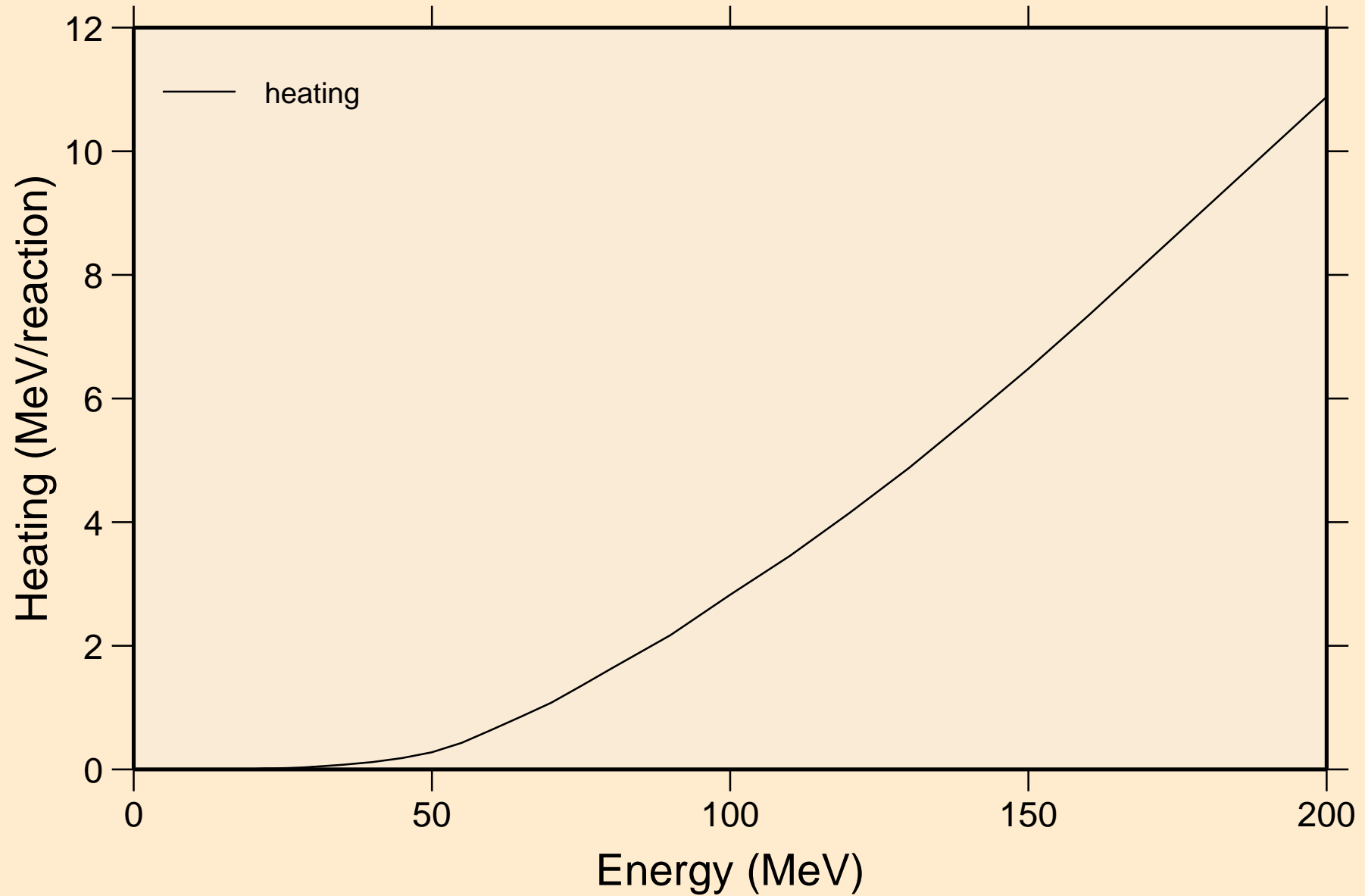
# YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



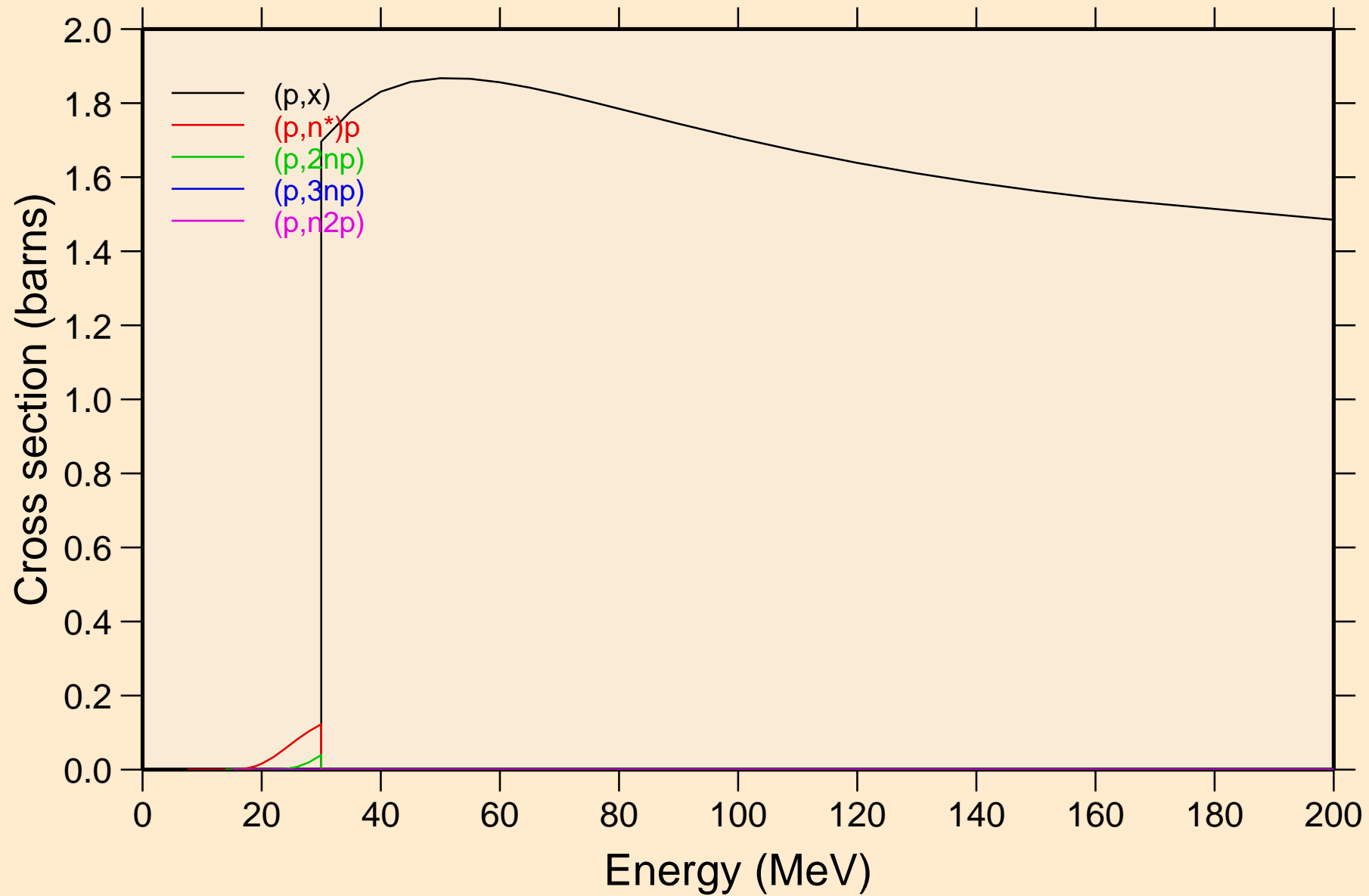
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

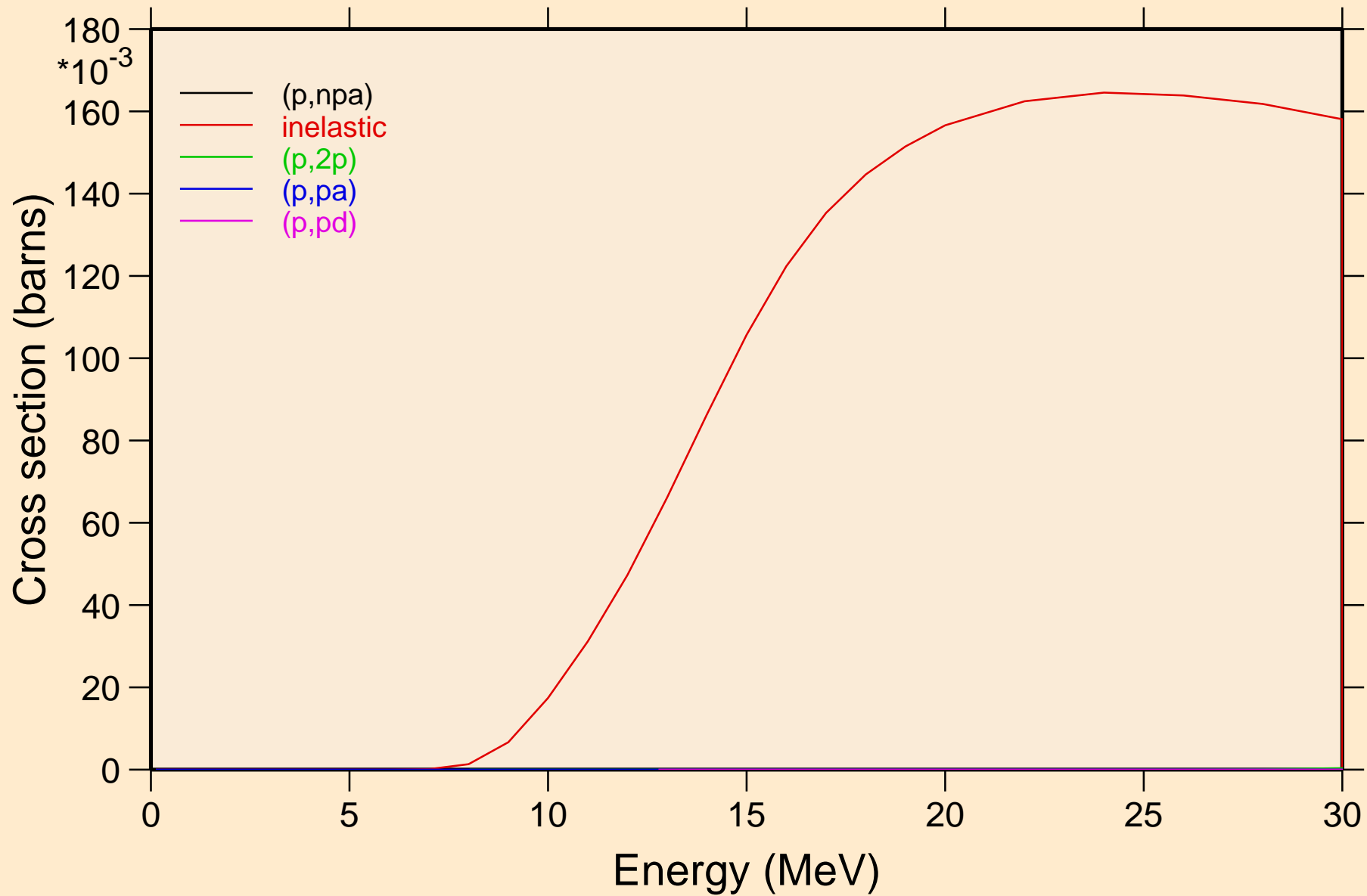


# YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K

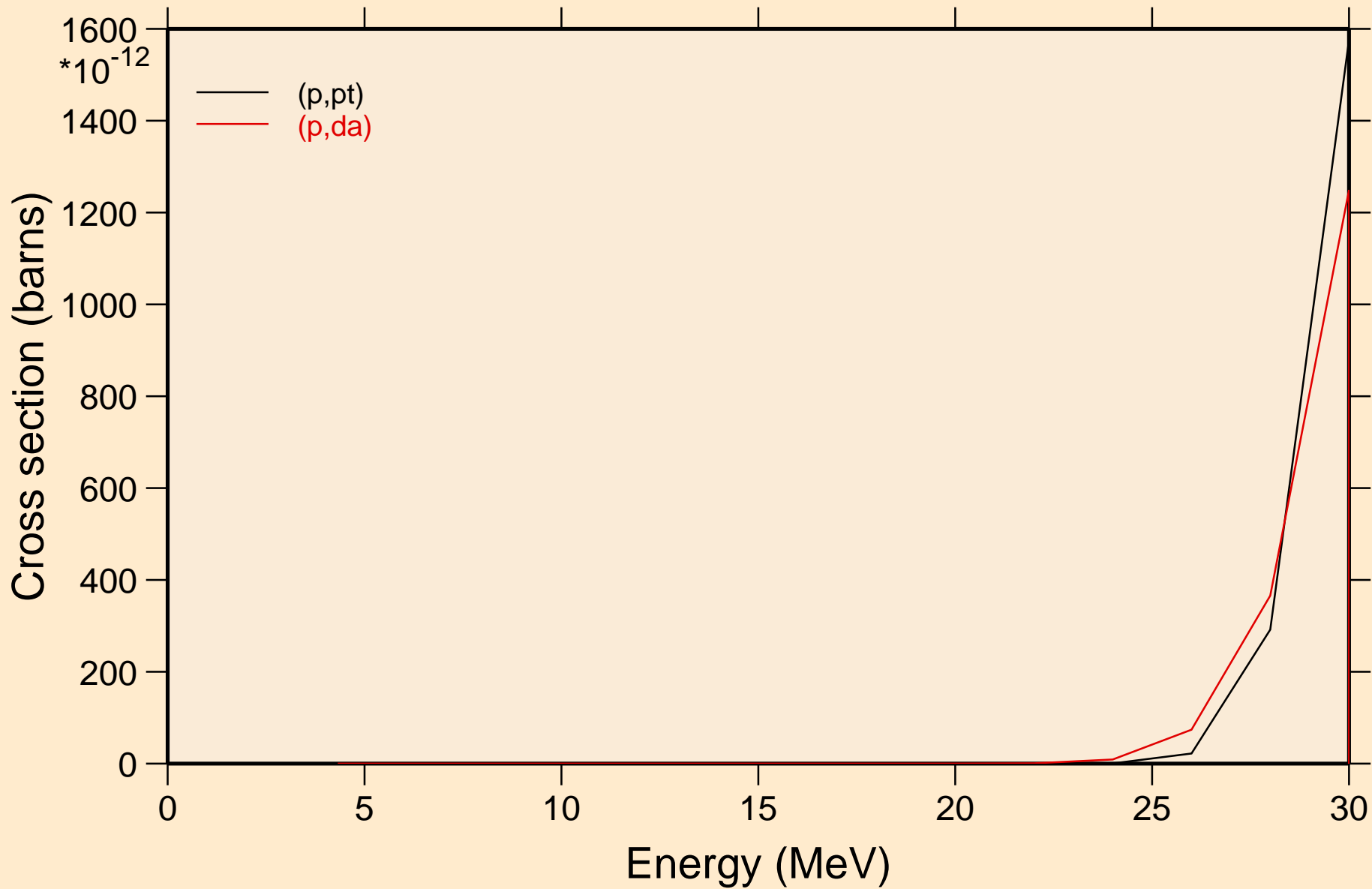
## Threshold reactions



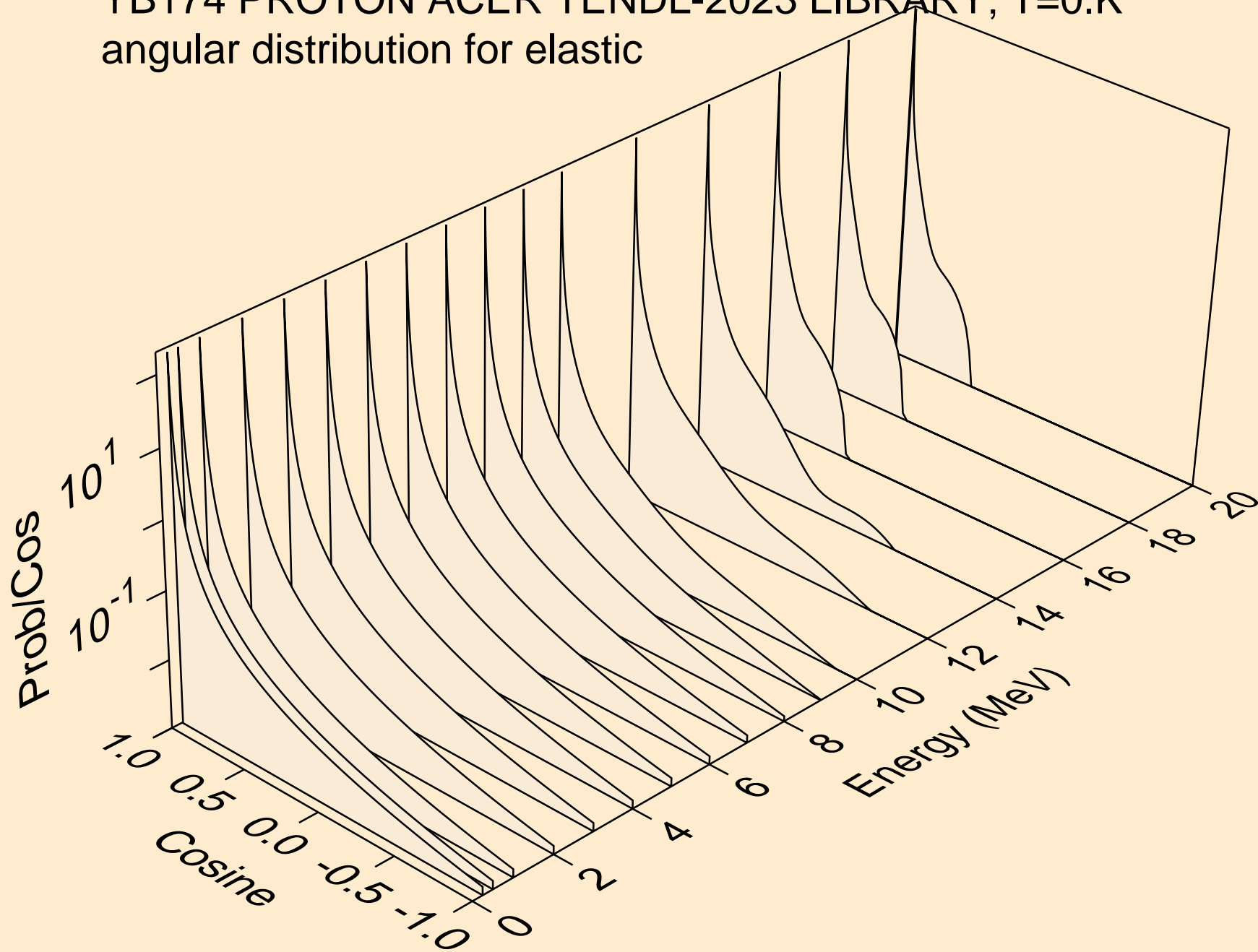
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

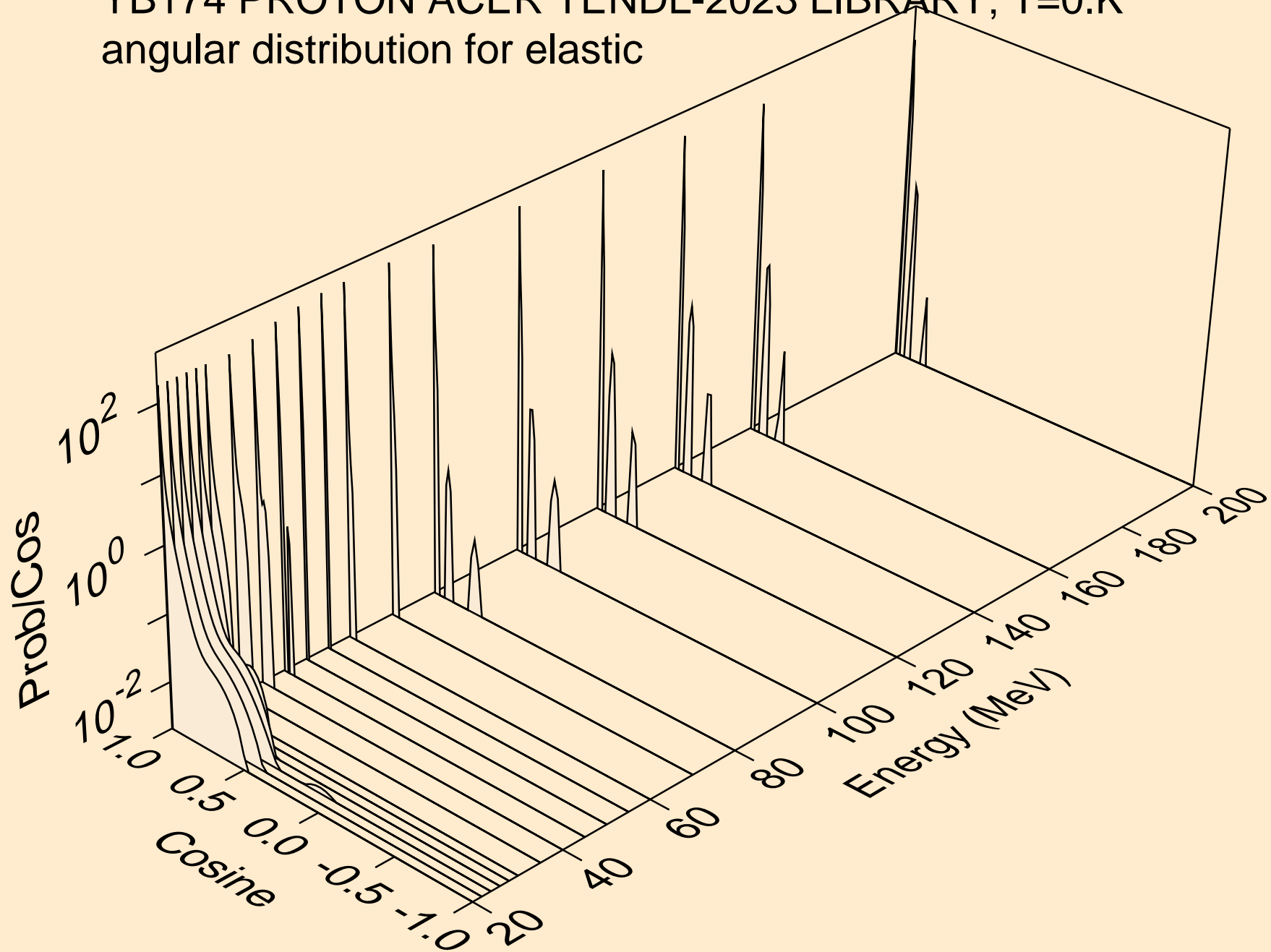


YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

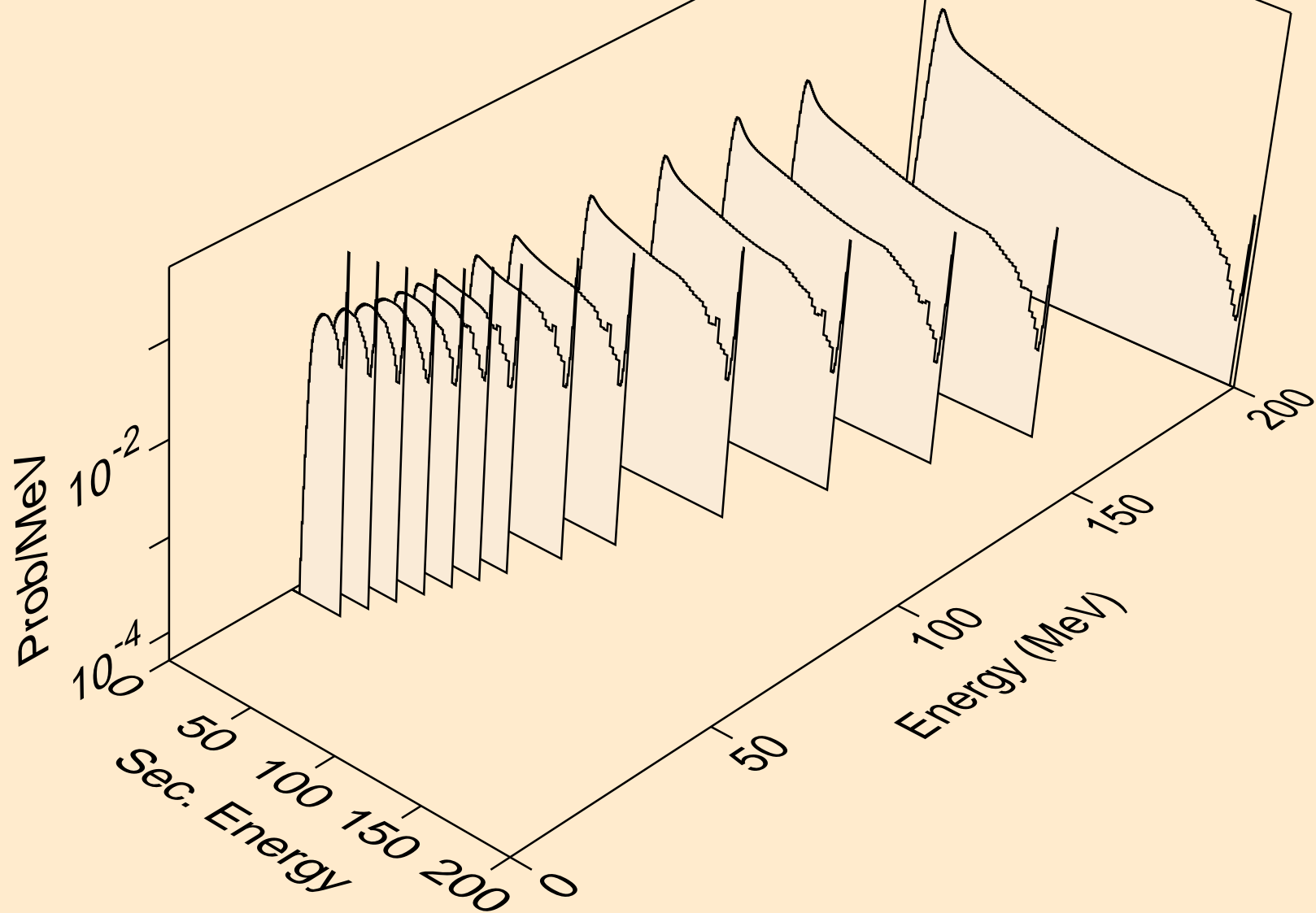




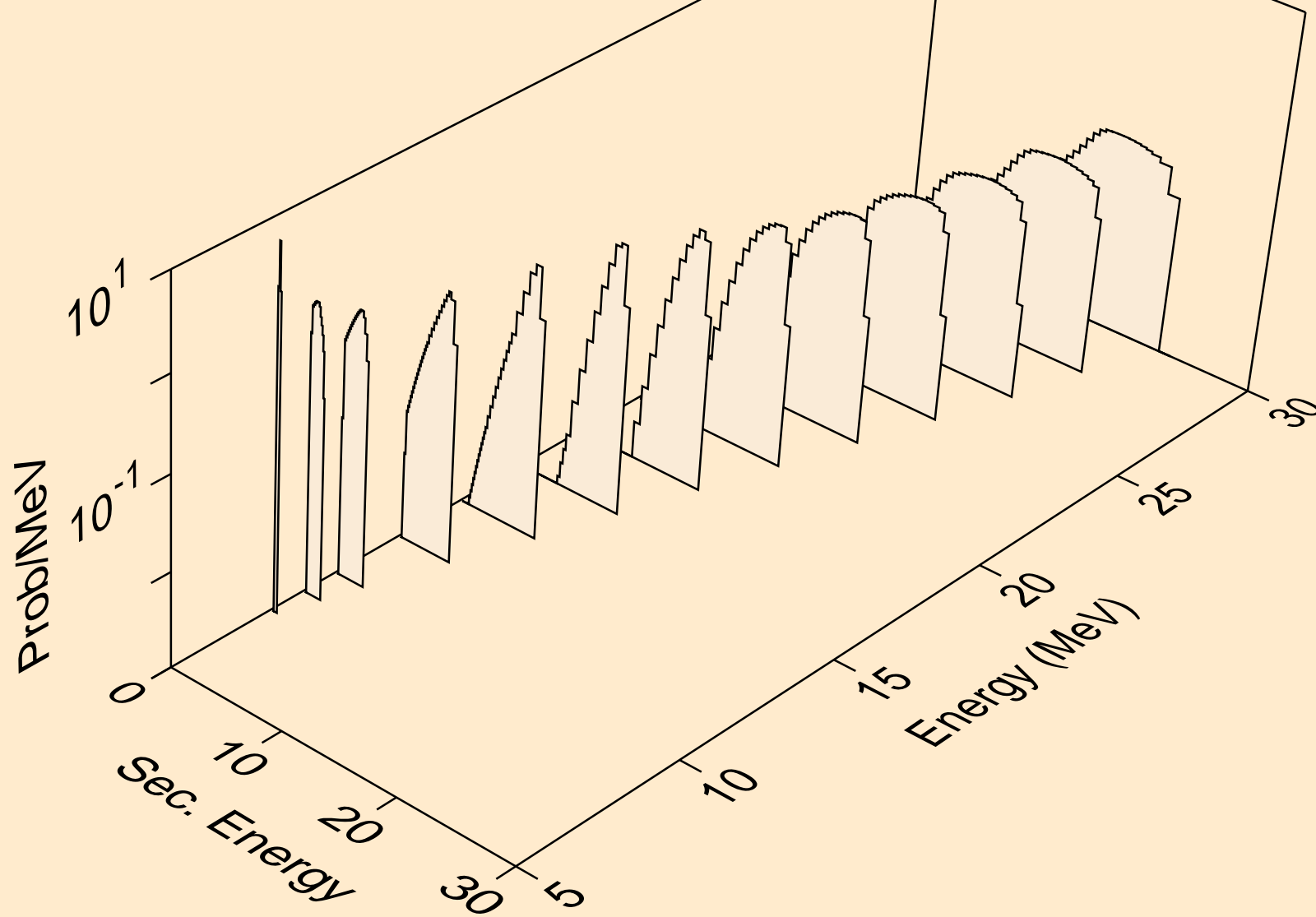
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



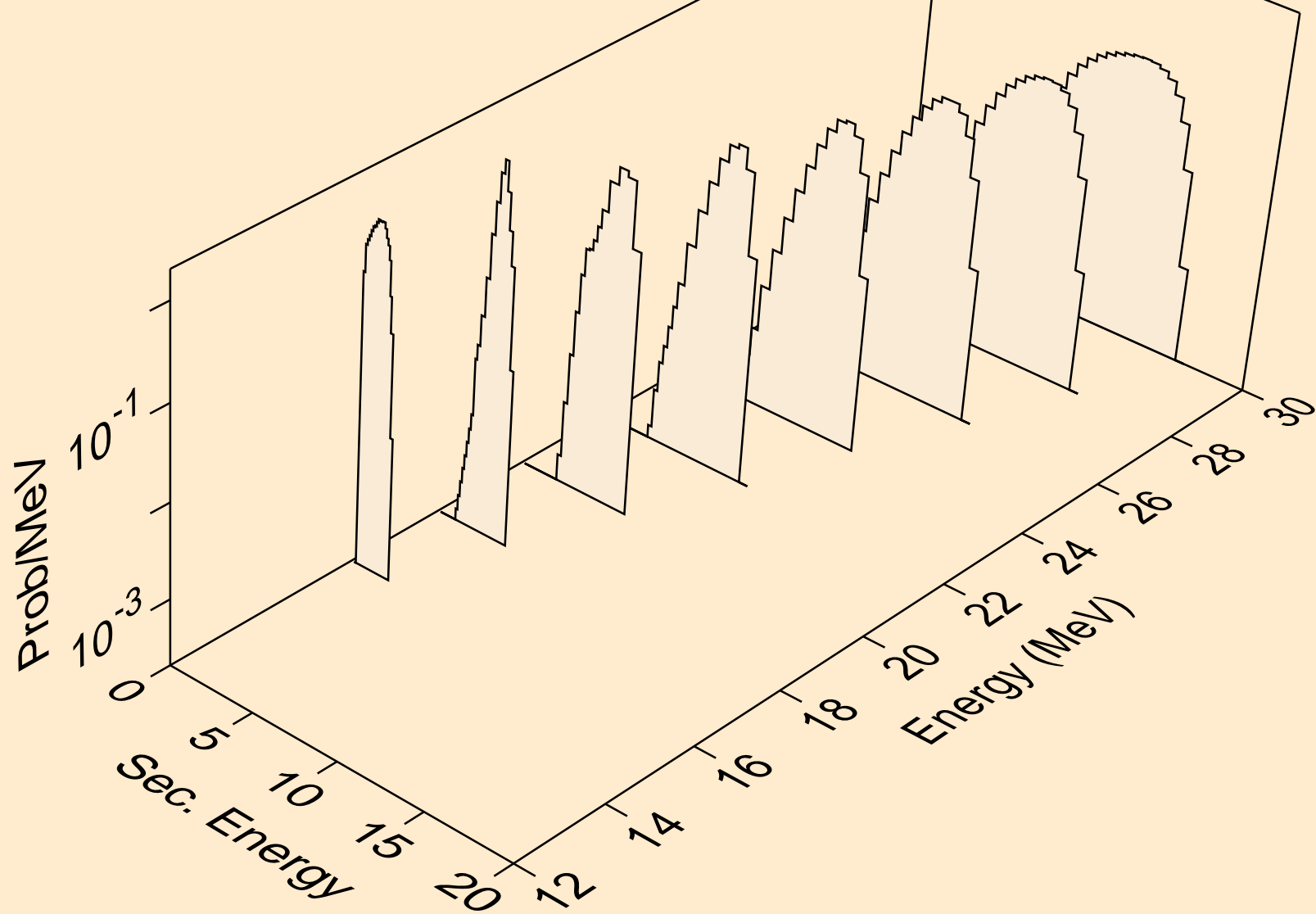
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



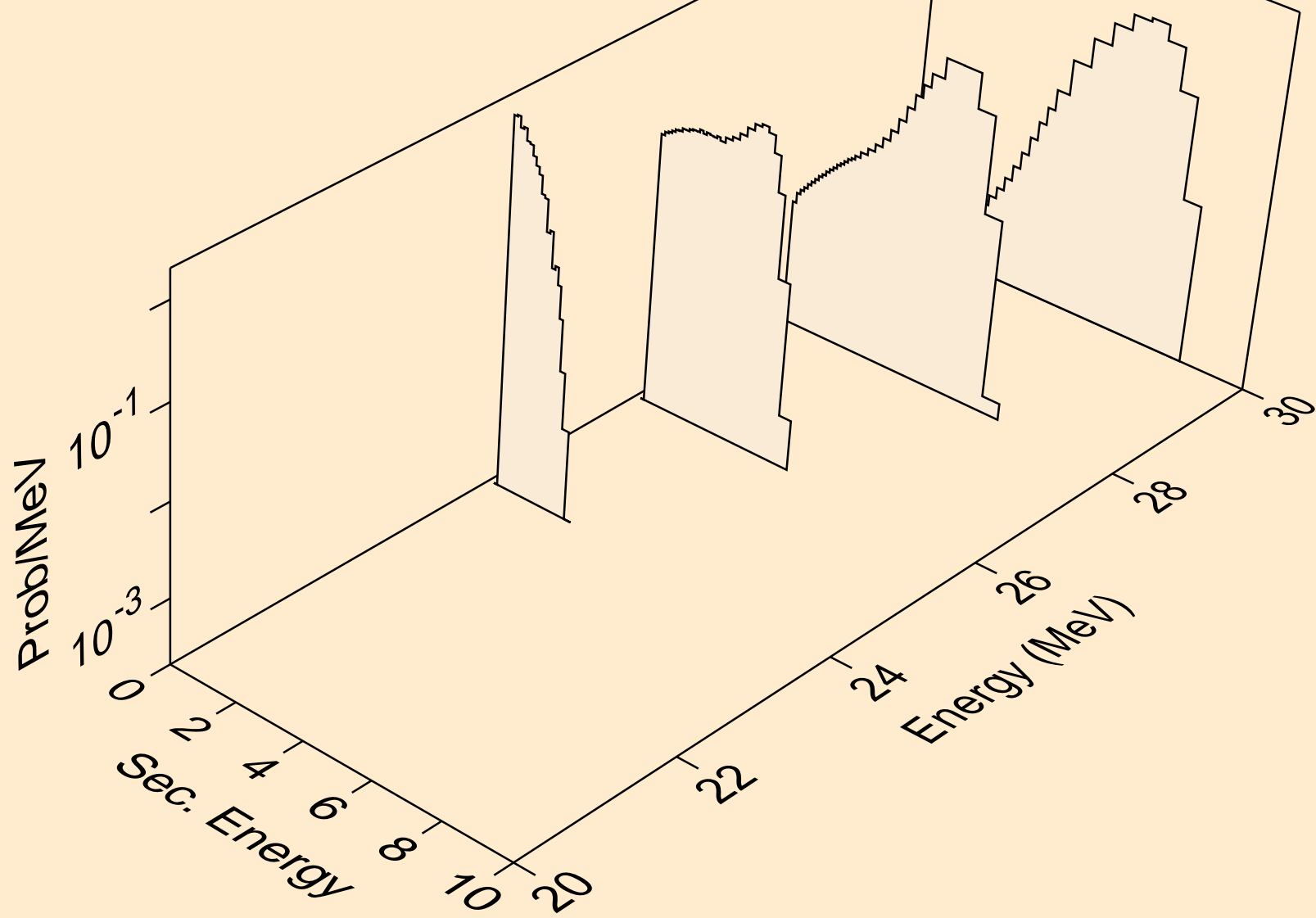
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



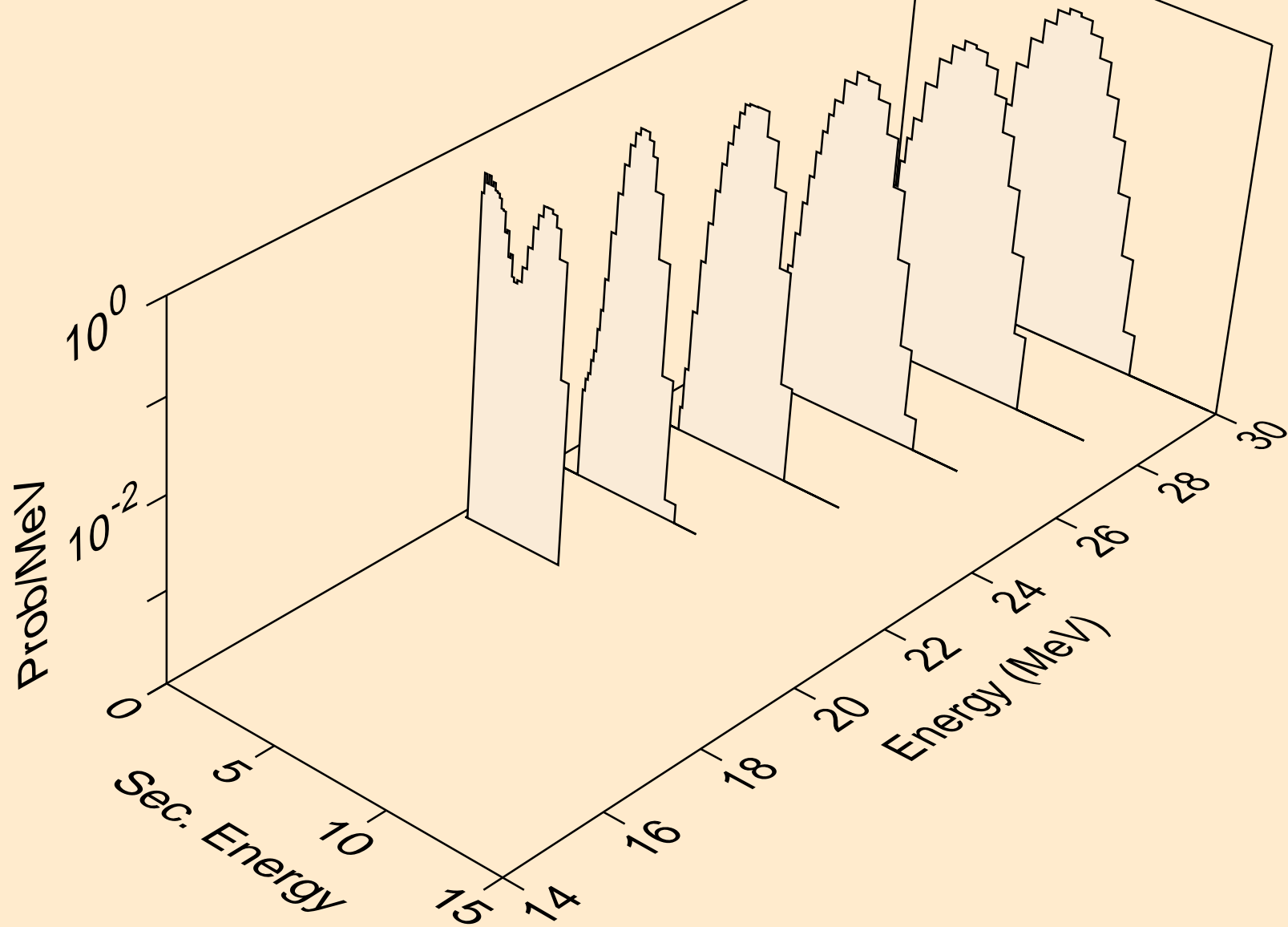
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



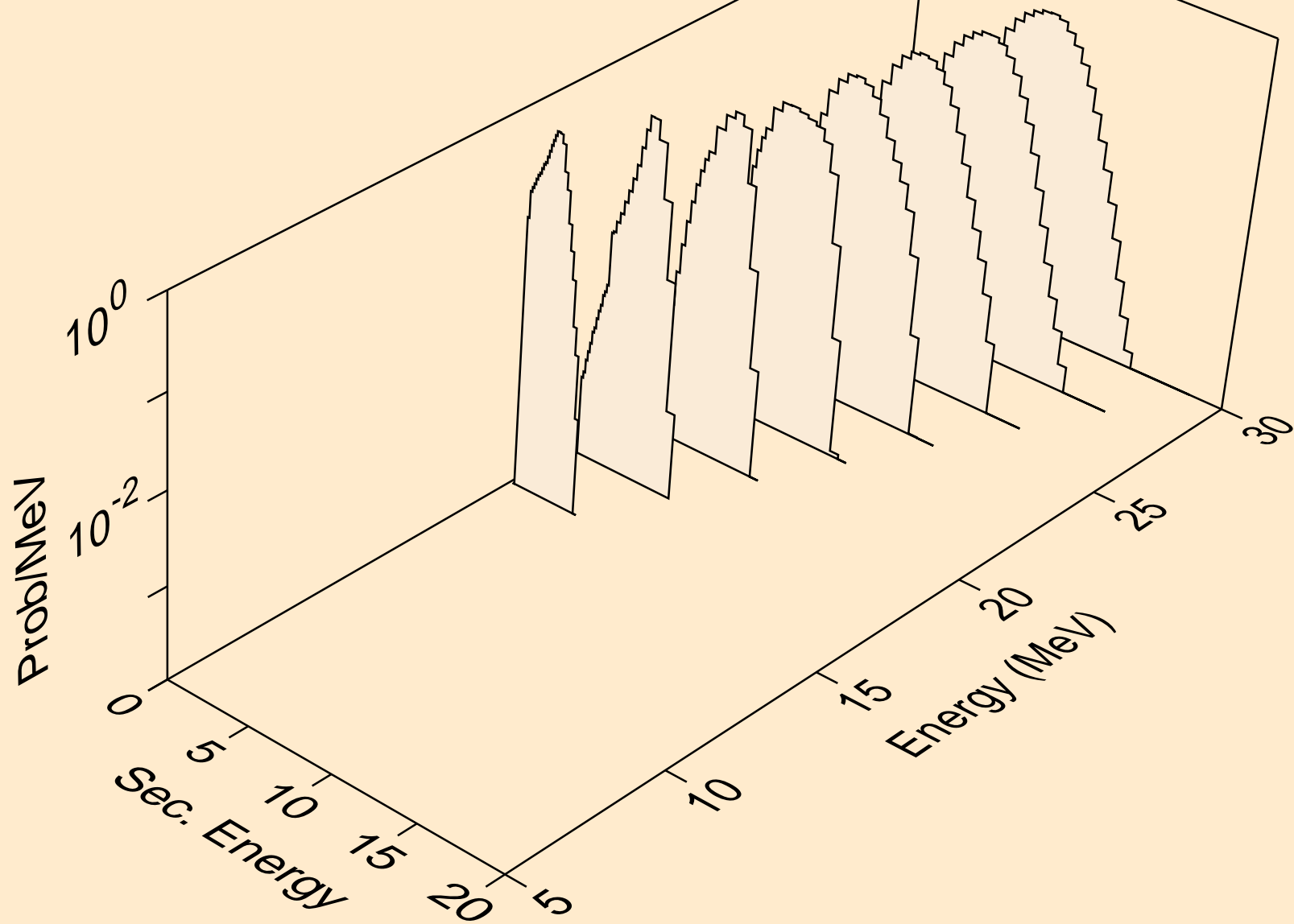
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



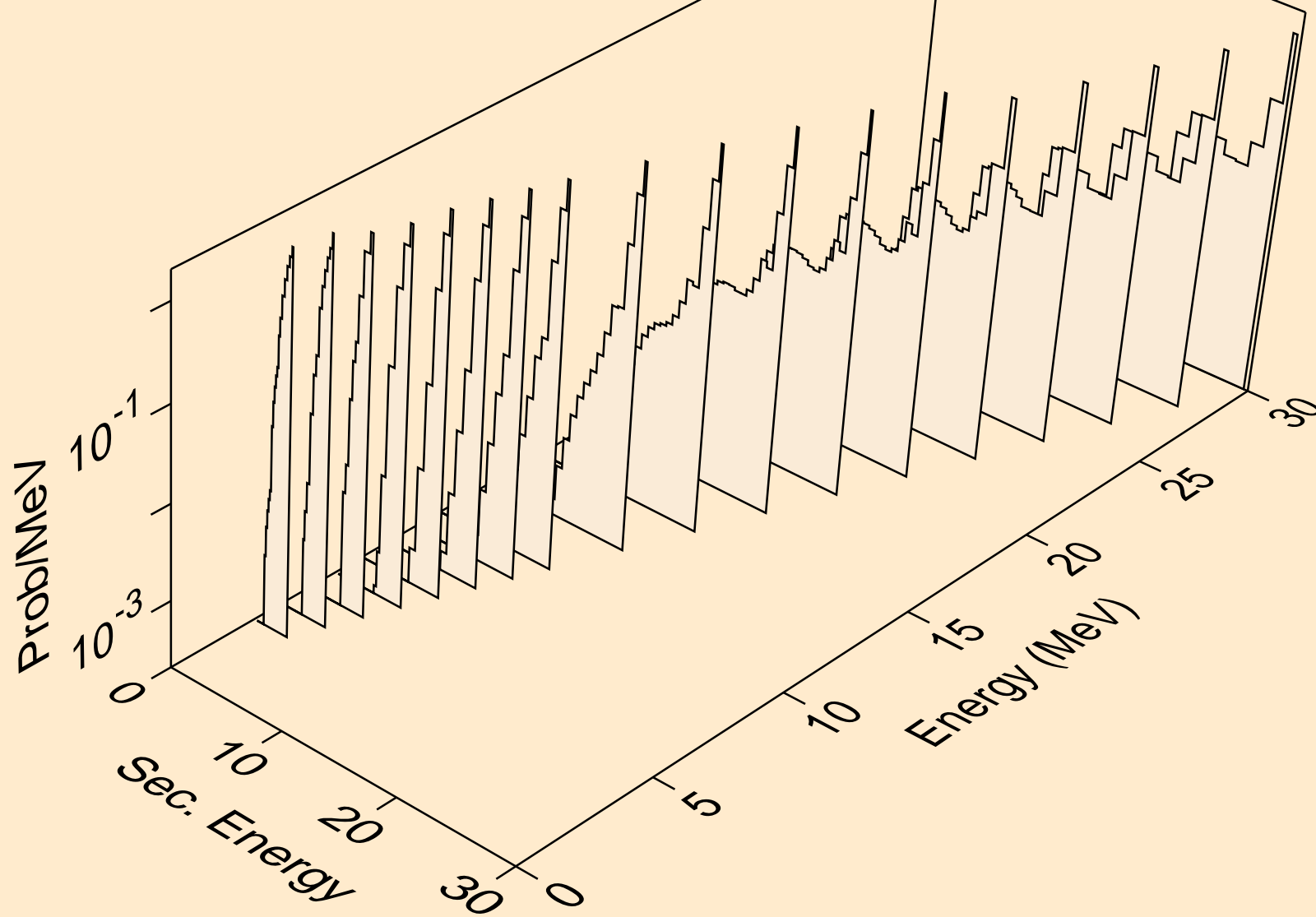
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

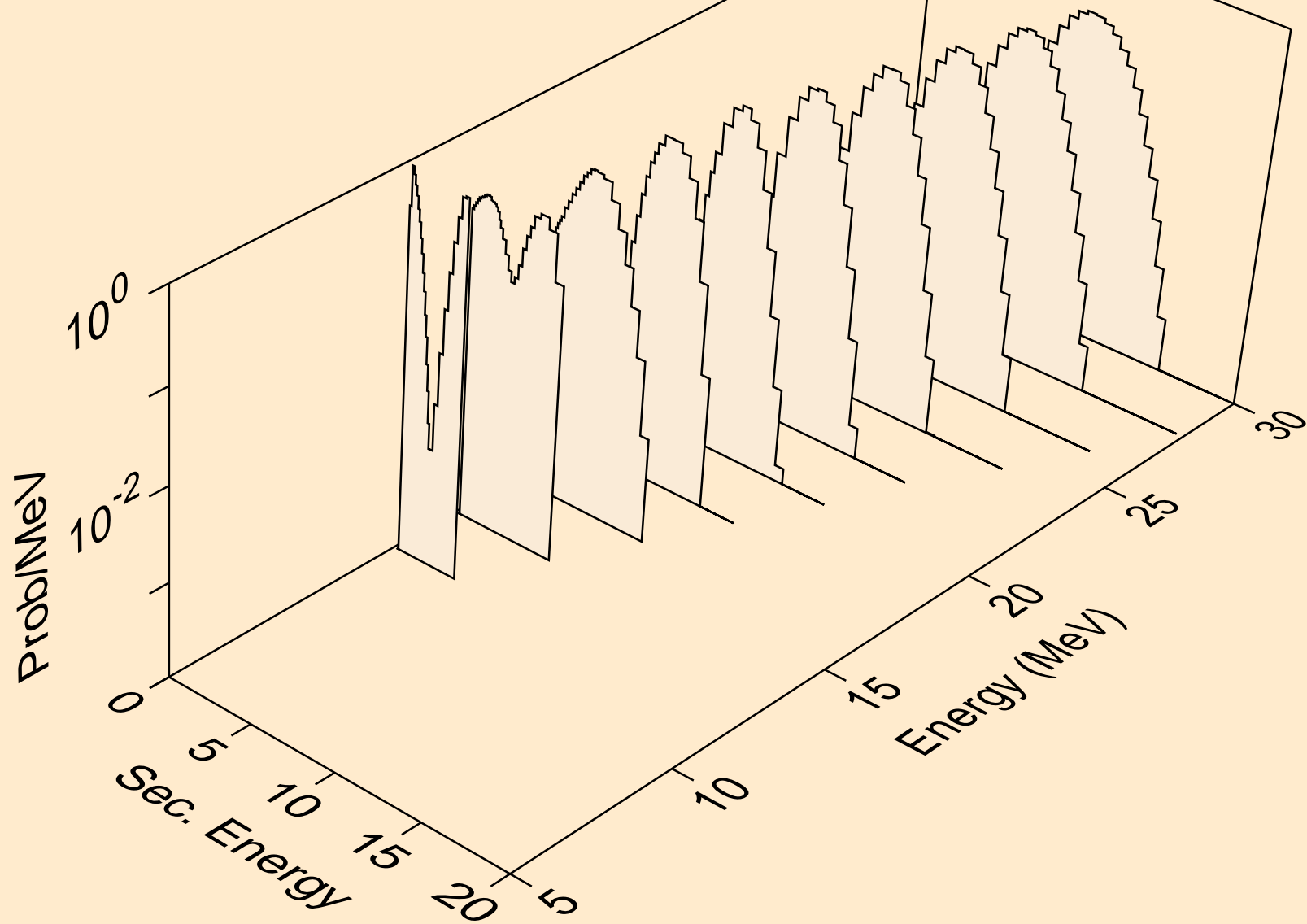


YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

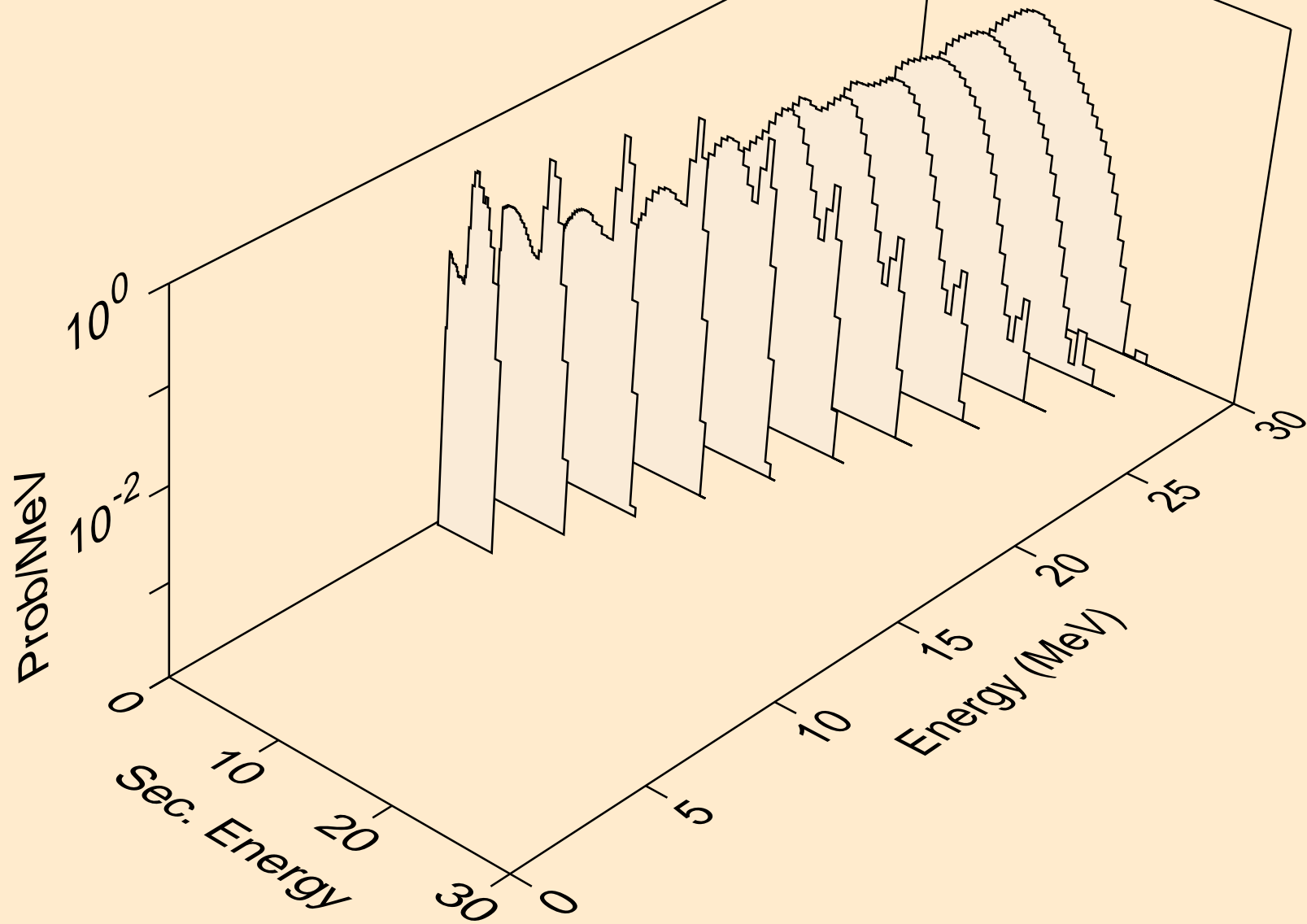




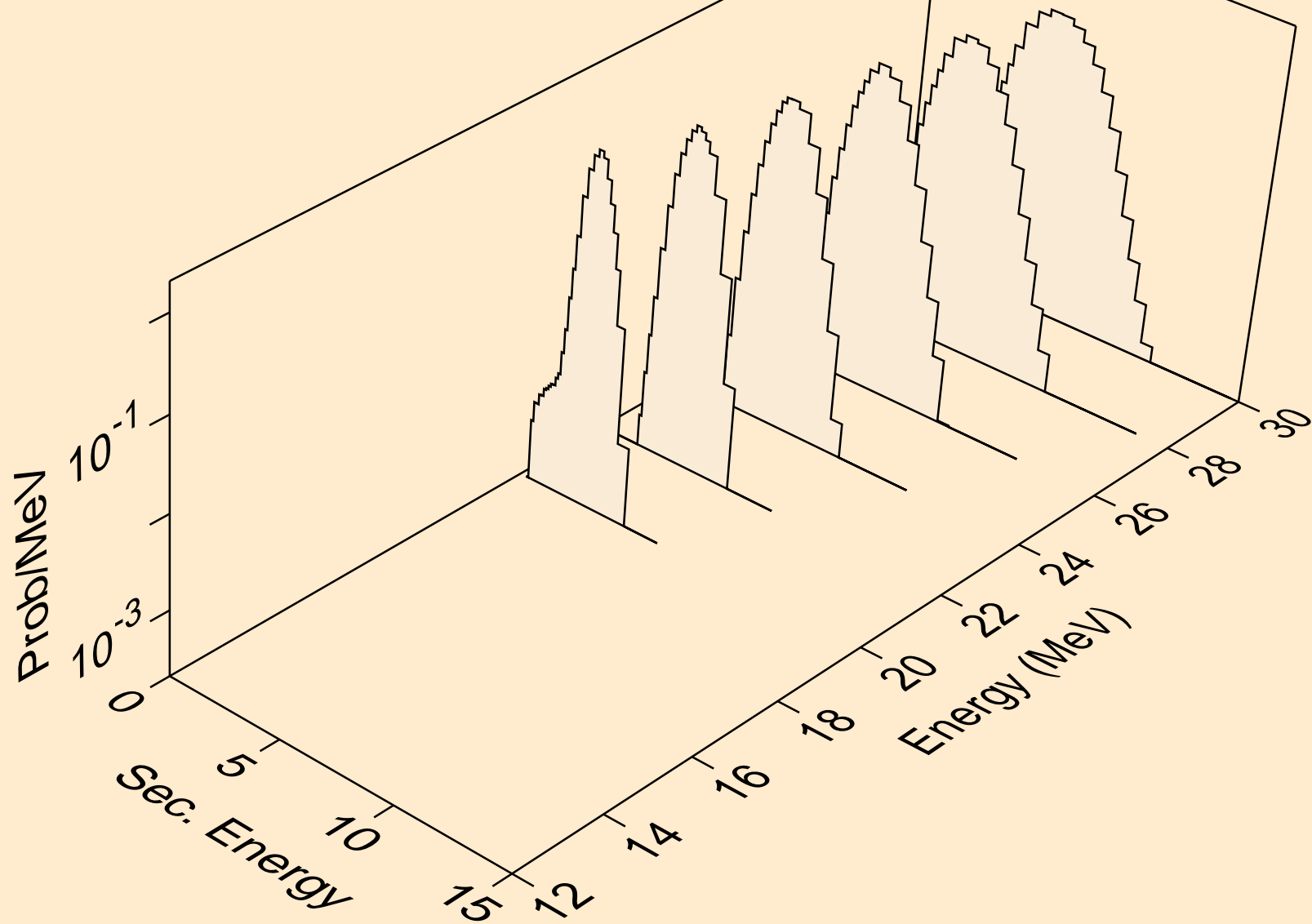
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



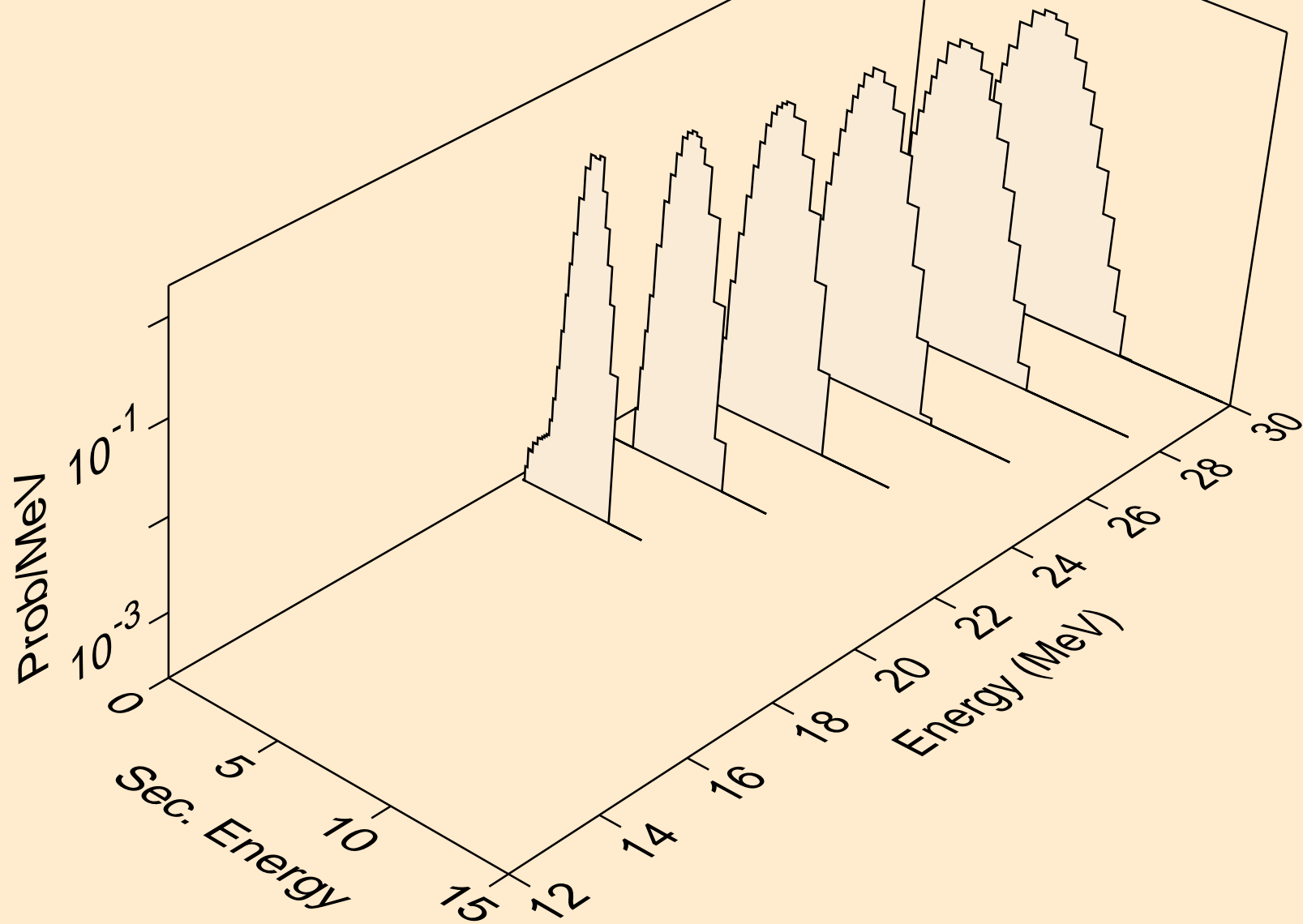
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



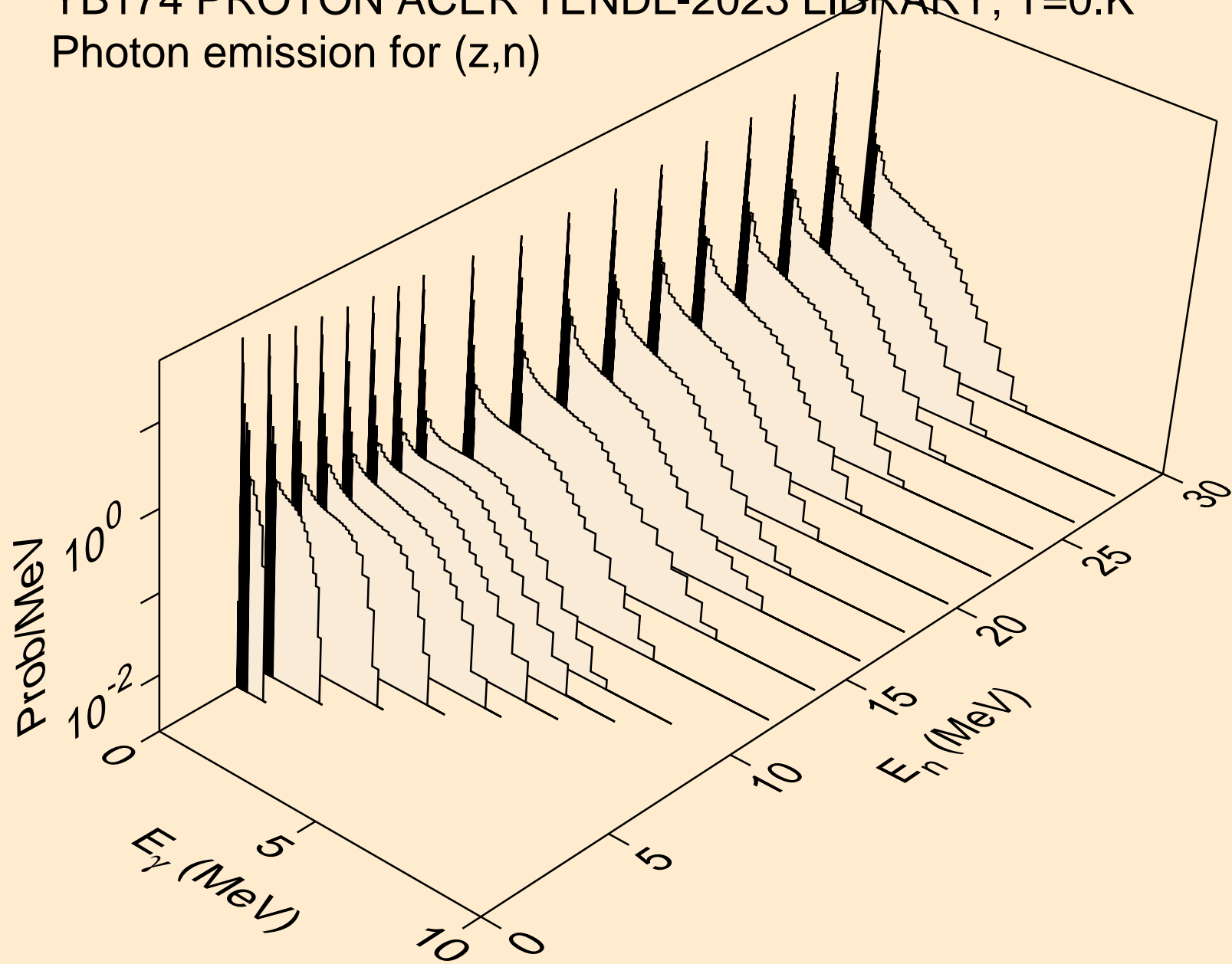
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



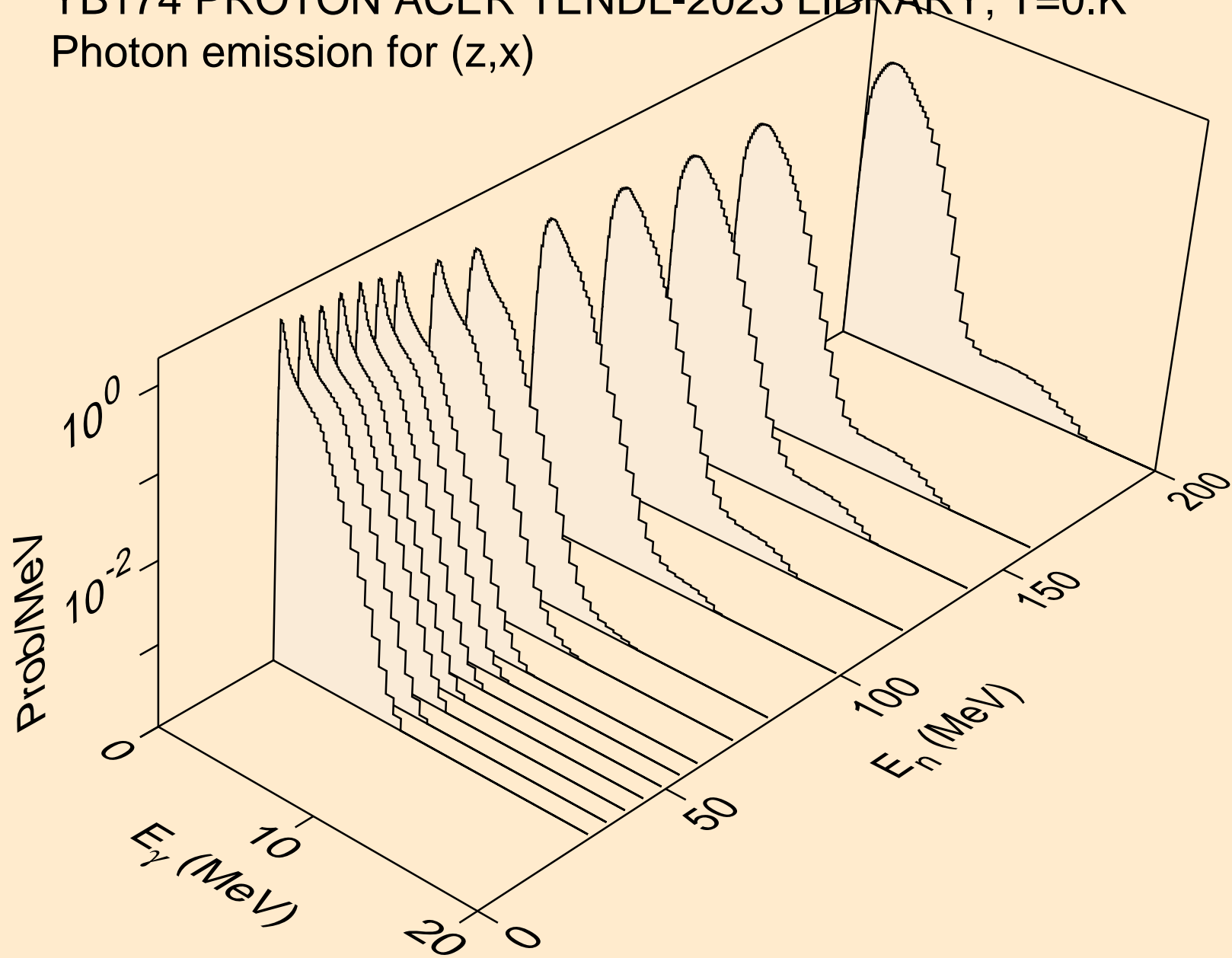
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



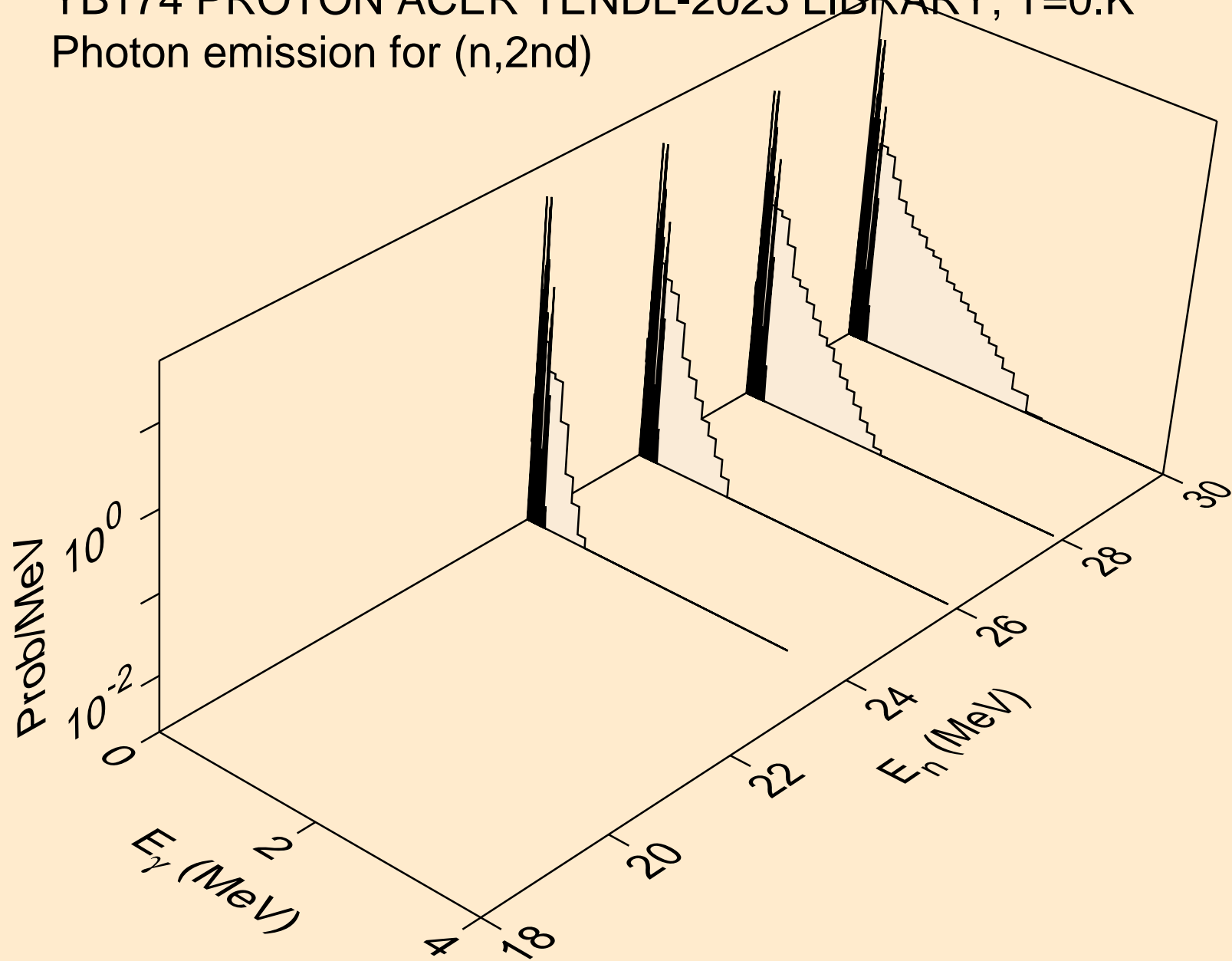
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



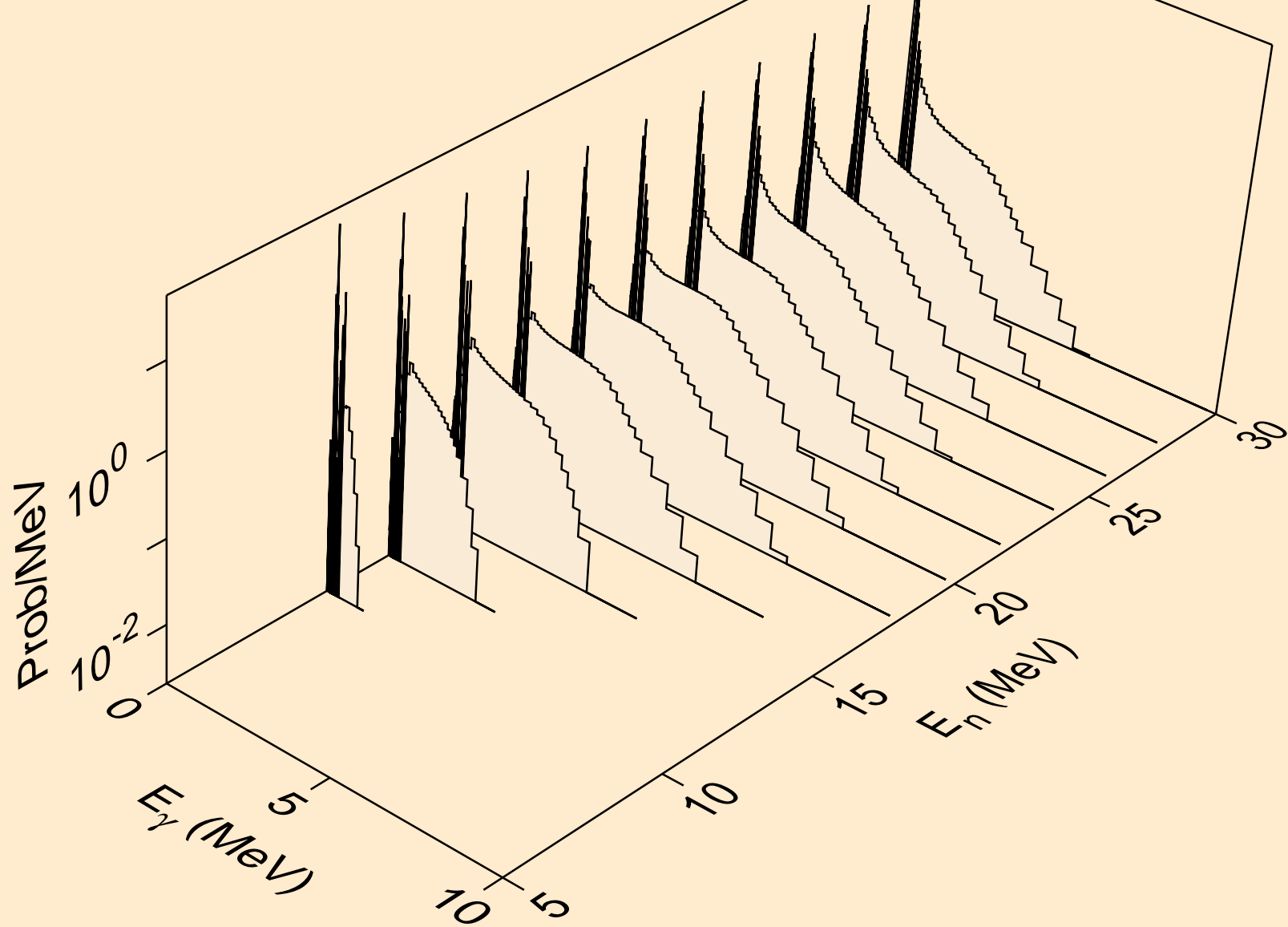
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

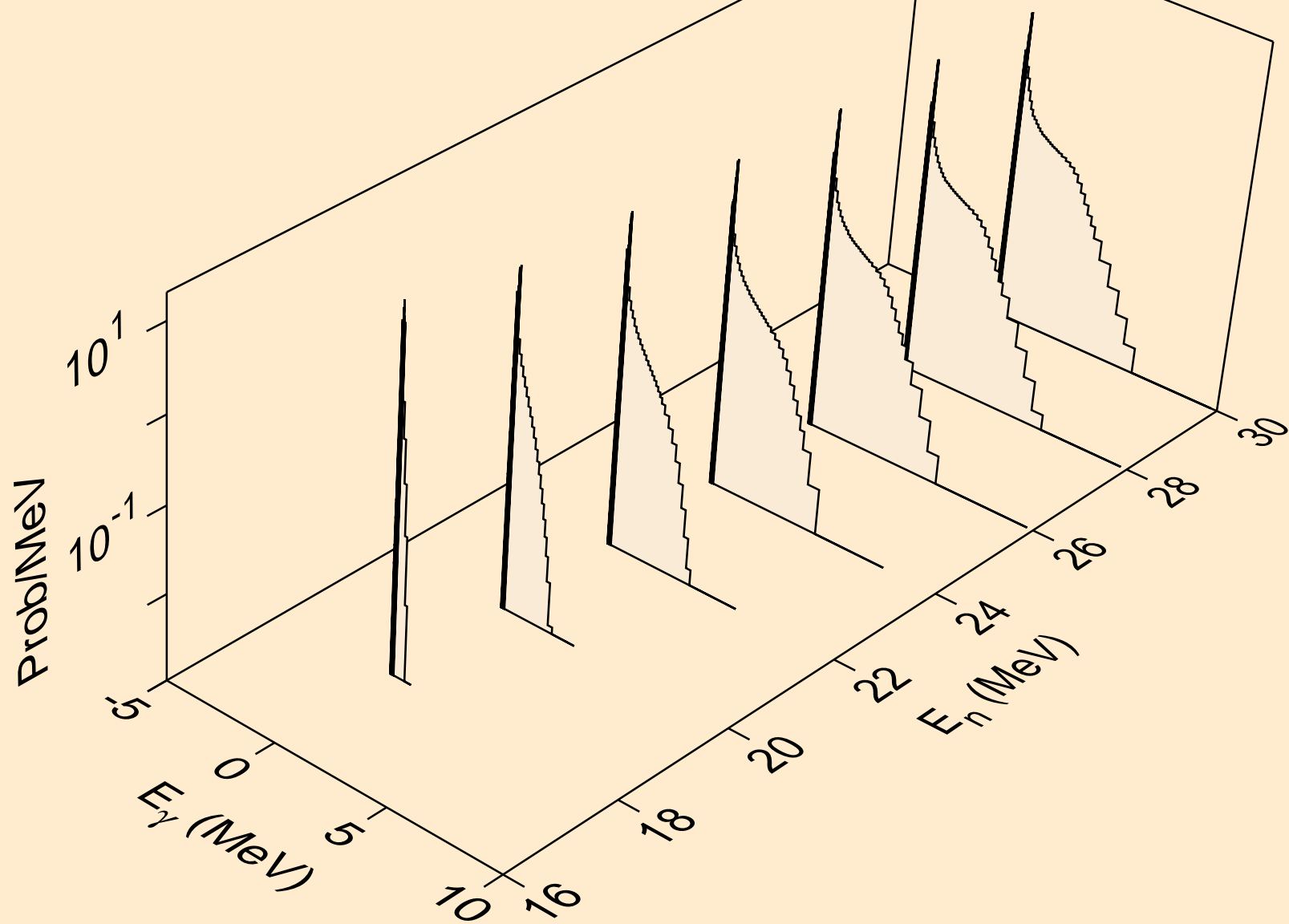


YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

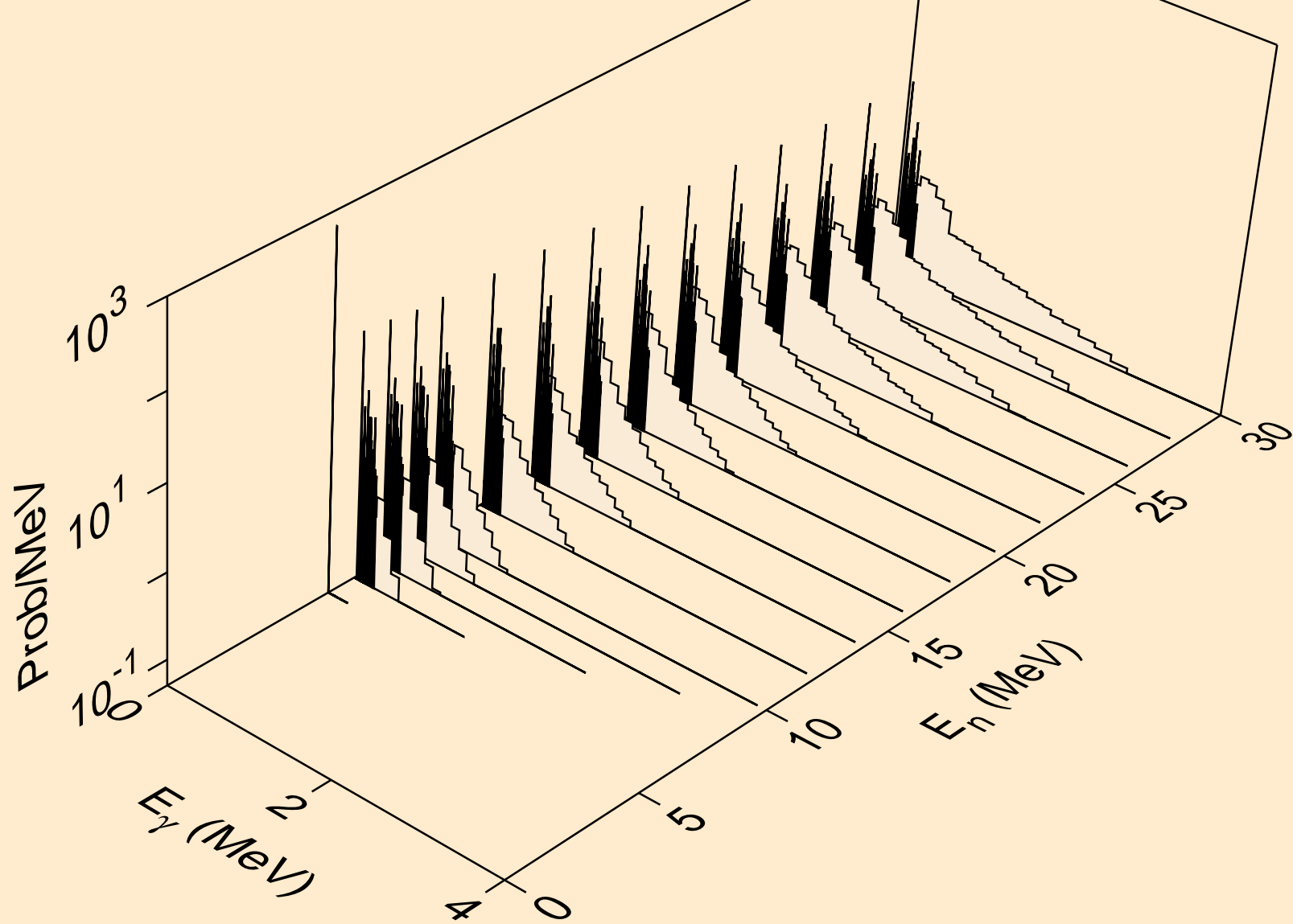




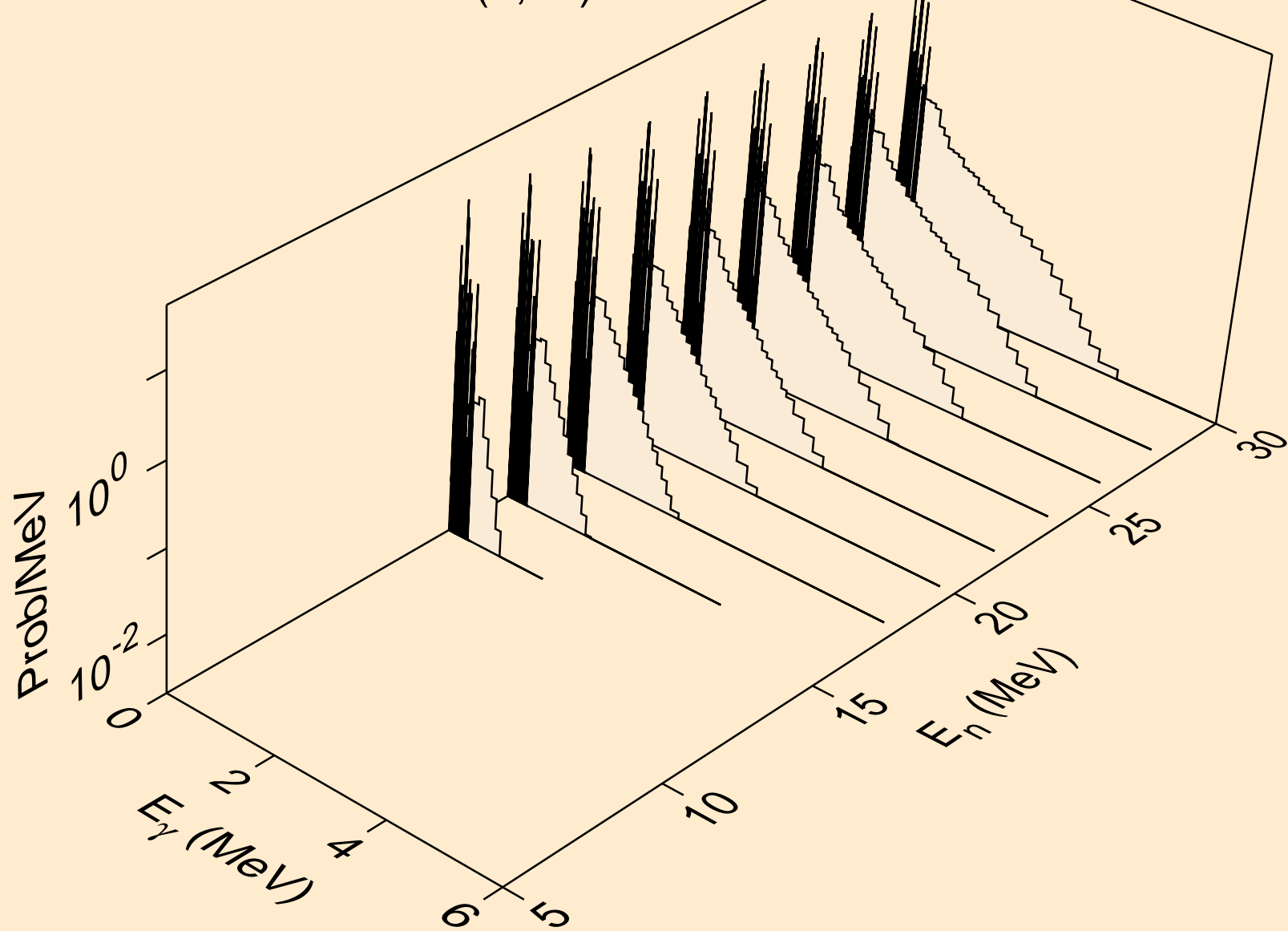
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



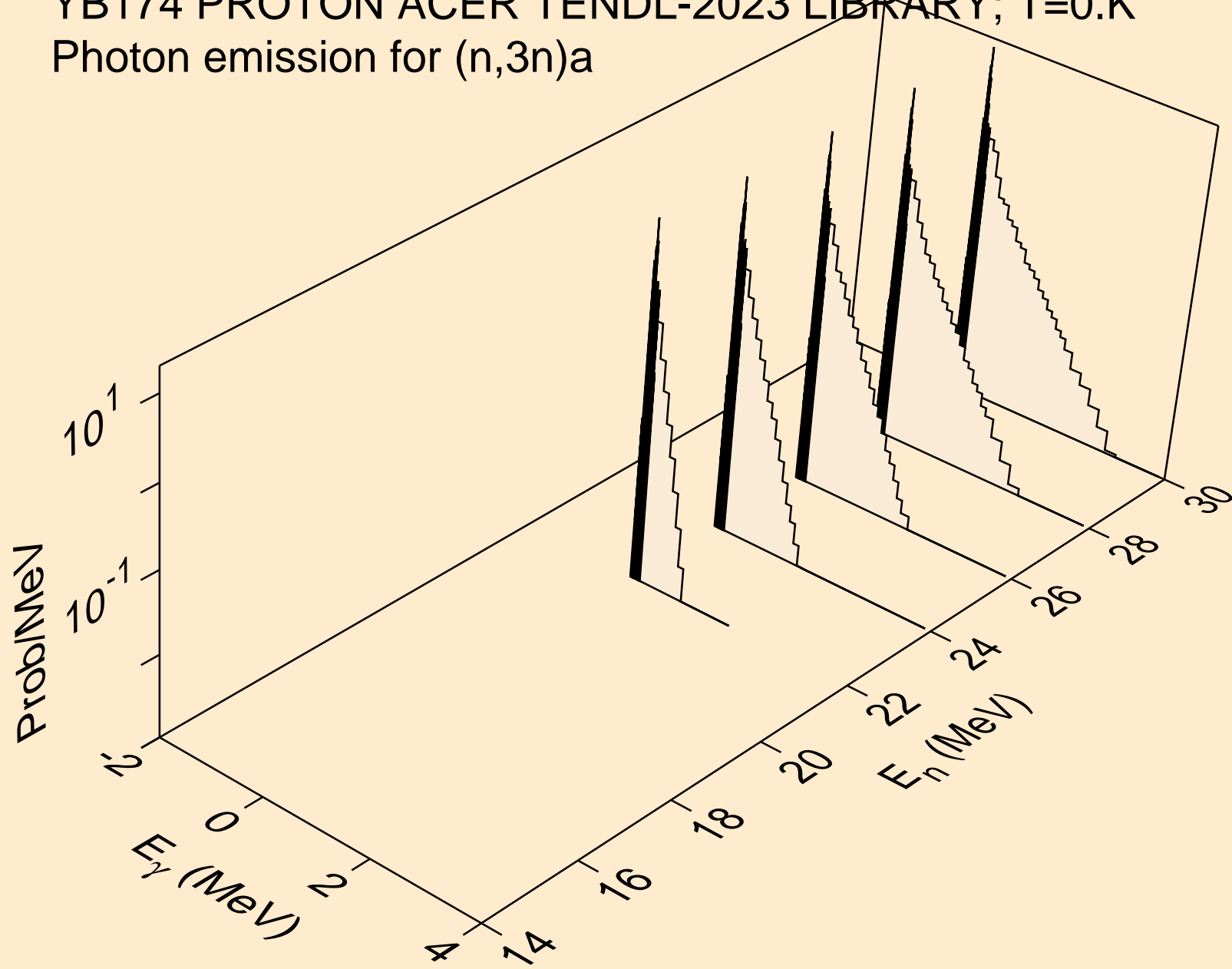
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



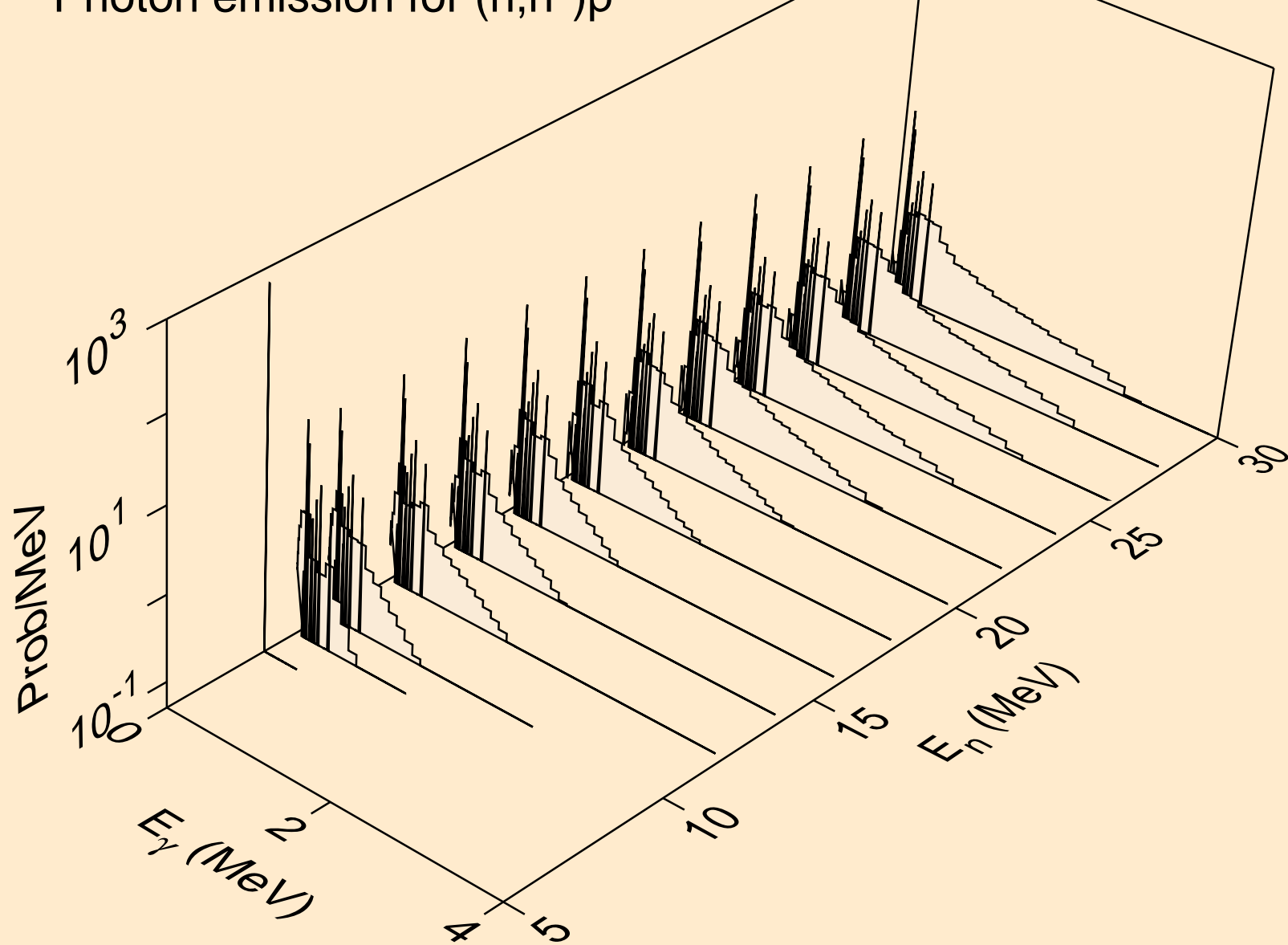
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



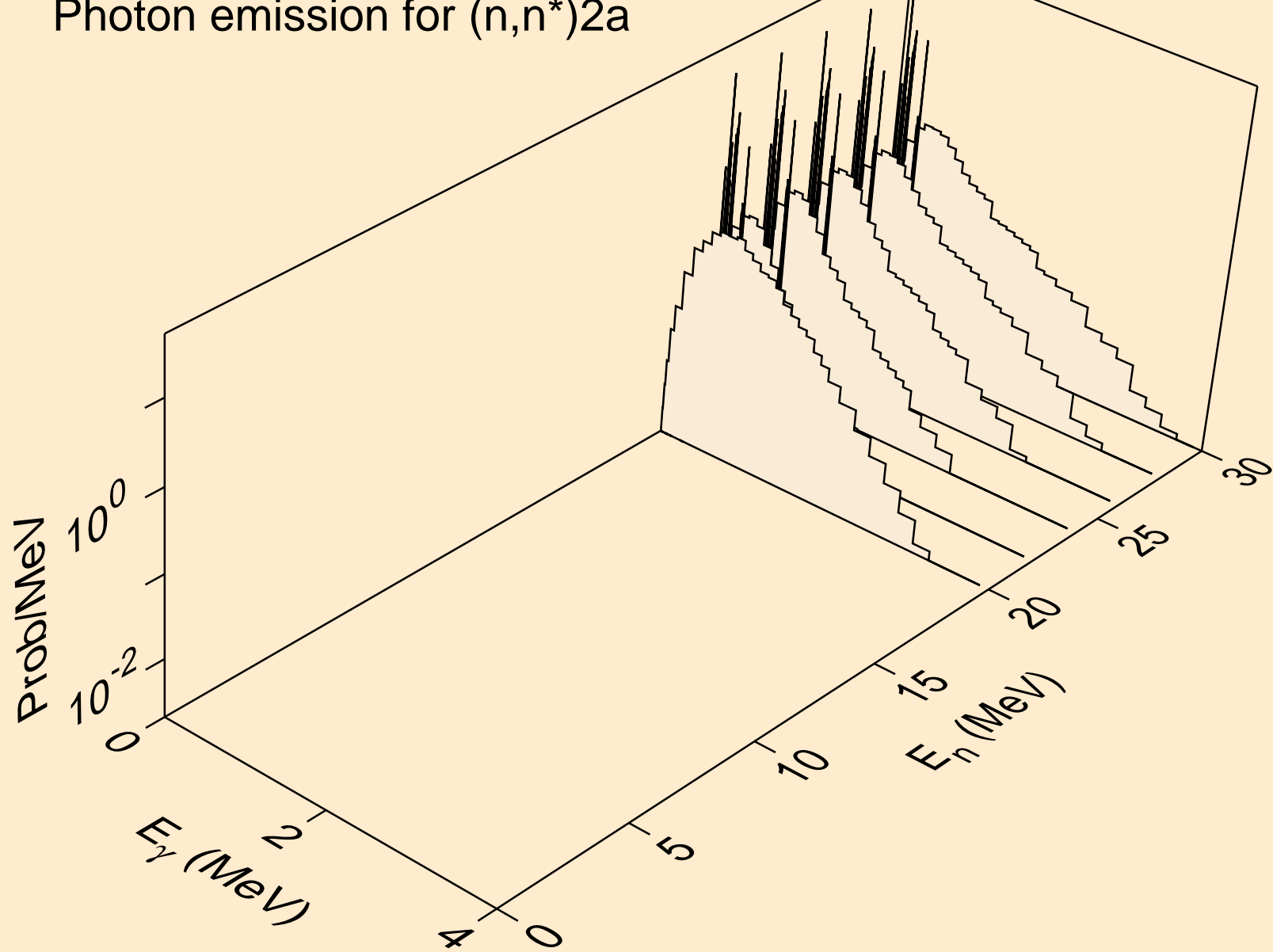
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



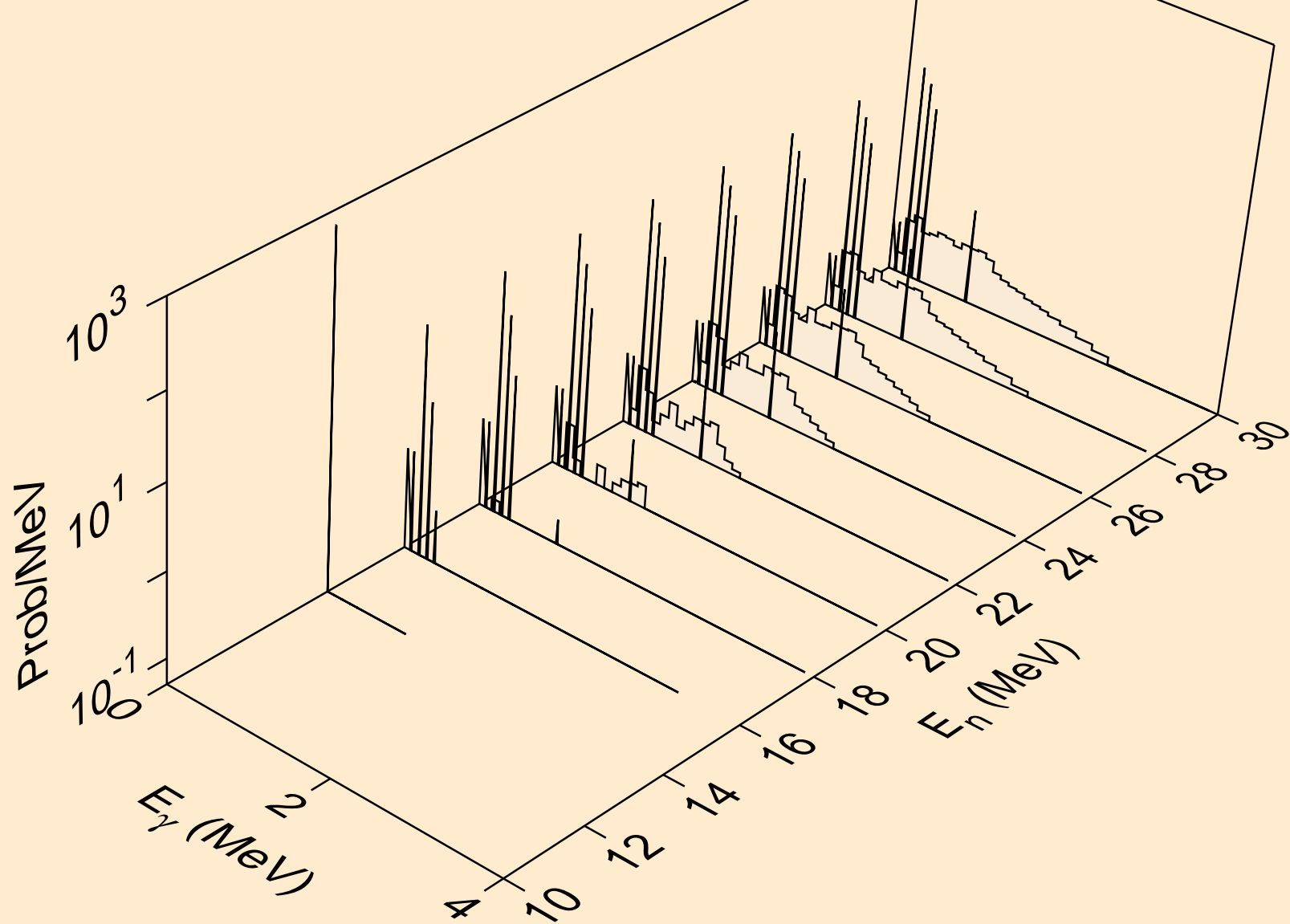
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



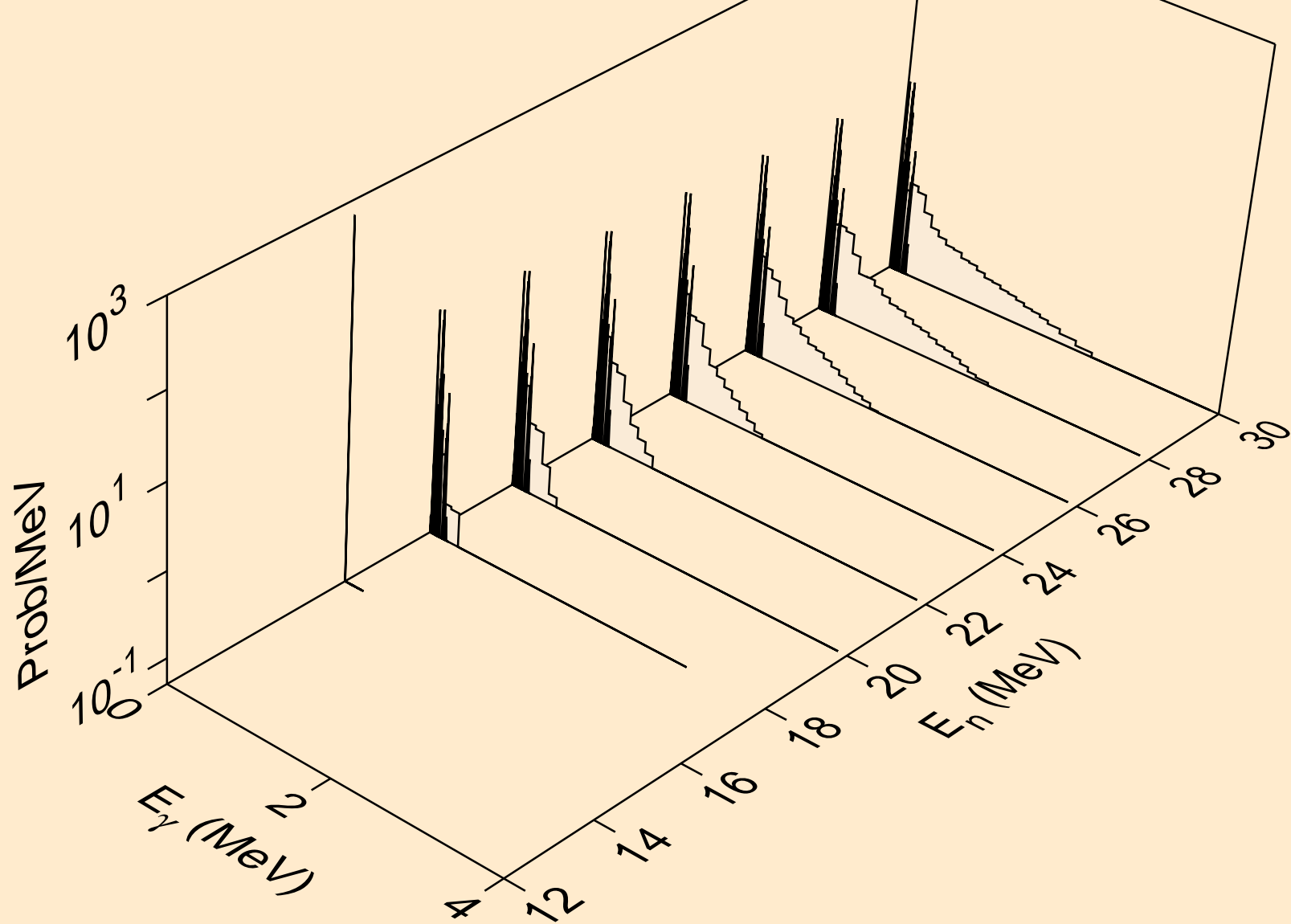
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

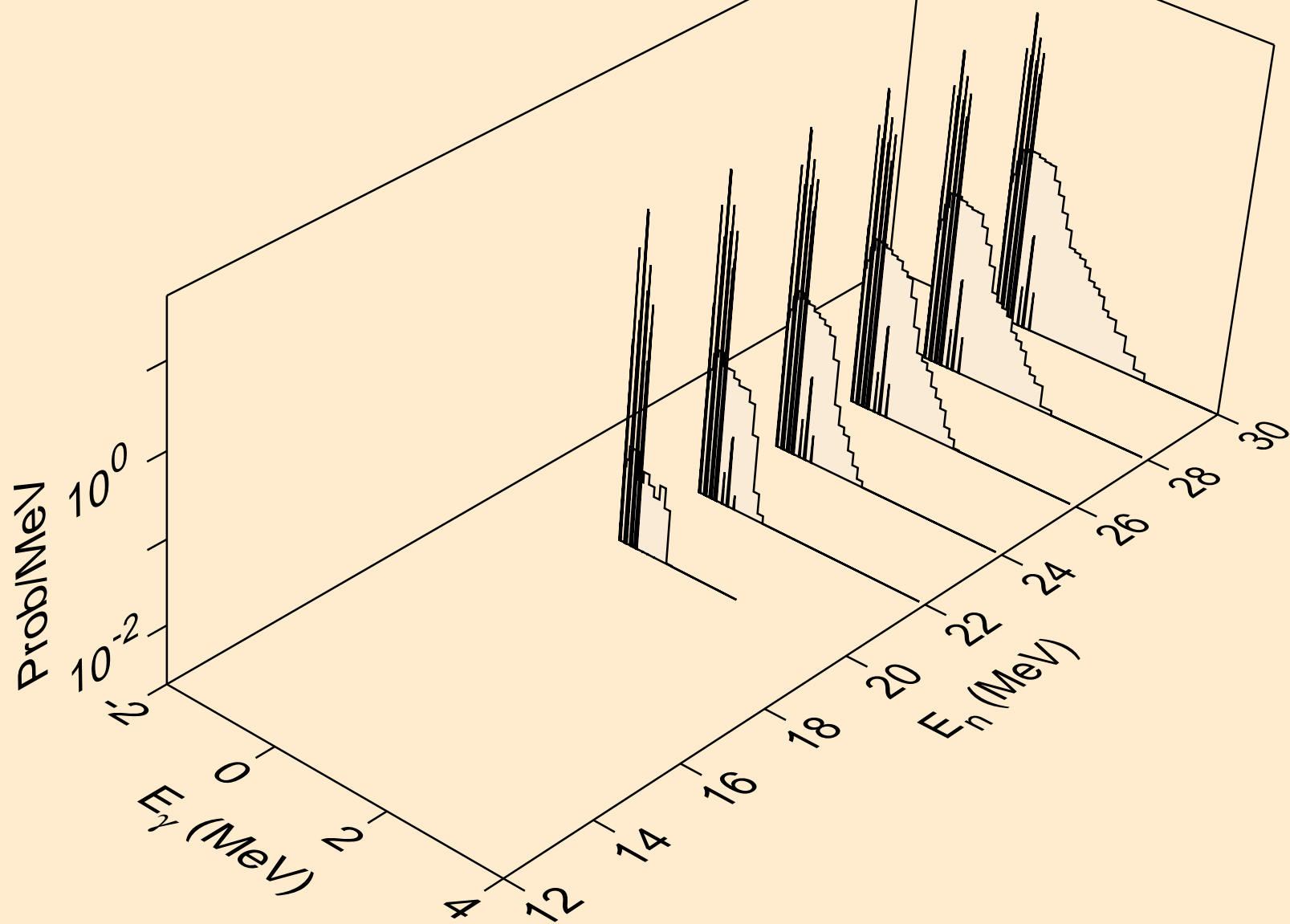


YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

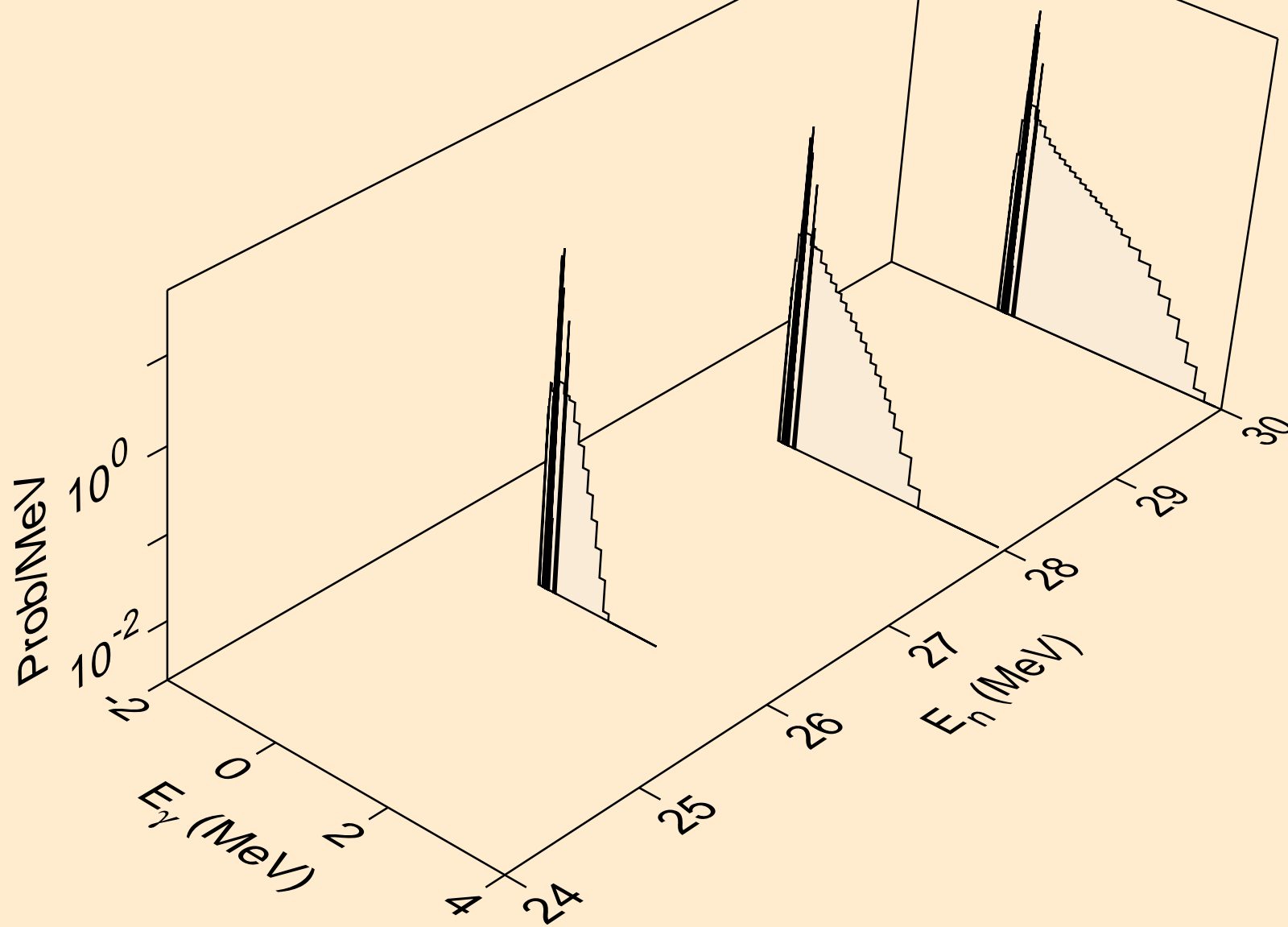




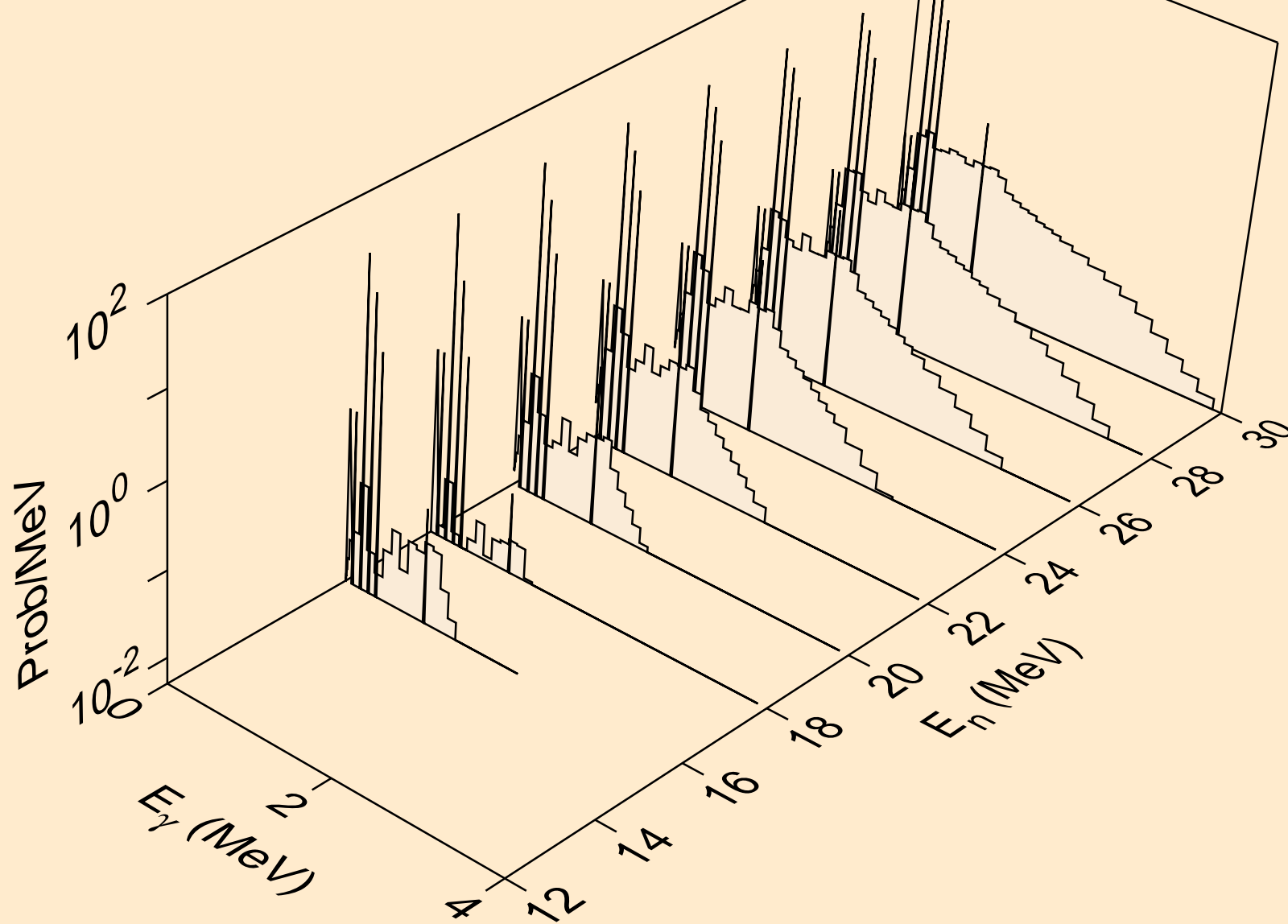
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



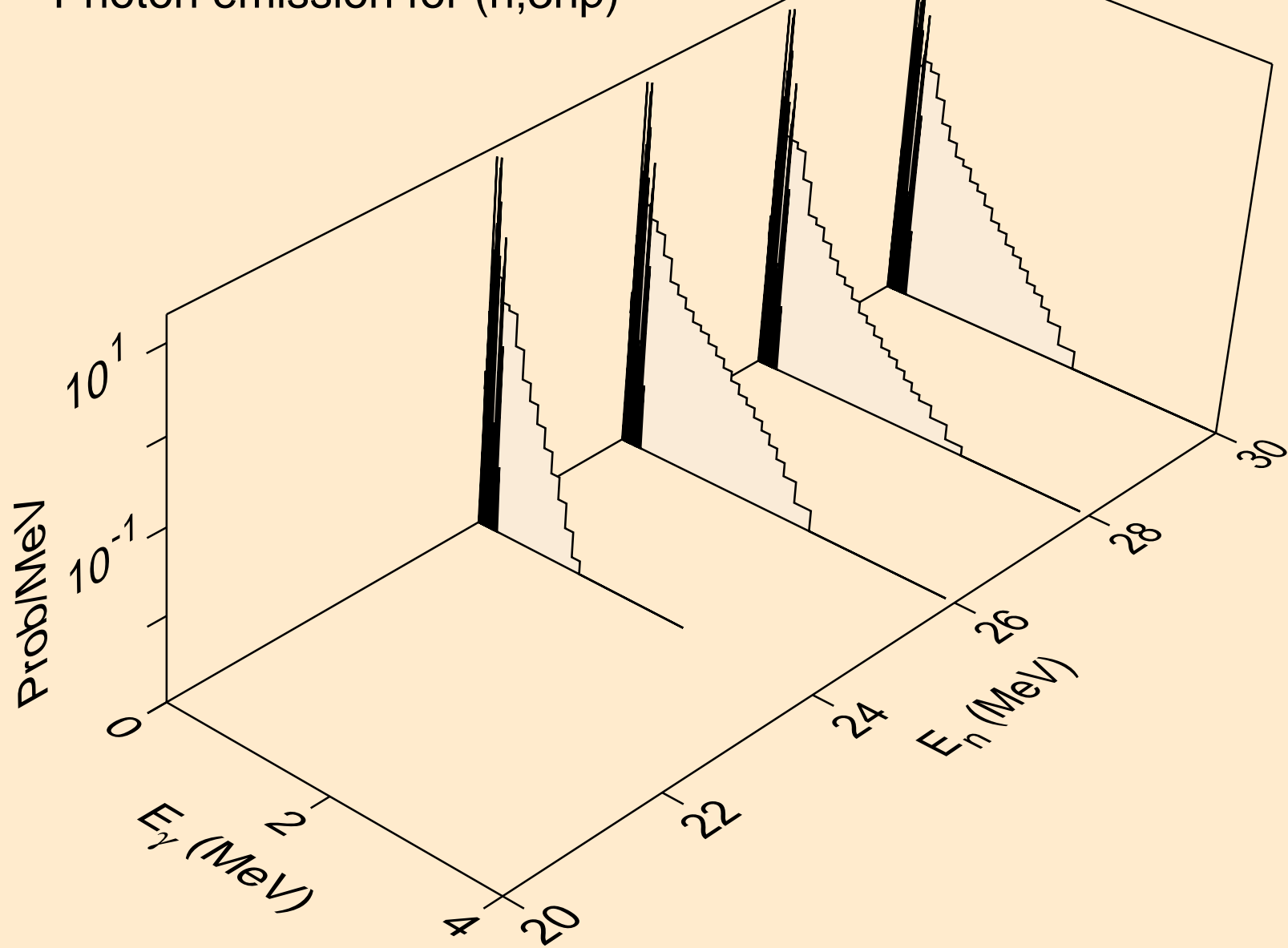
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



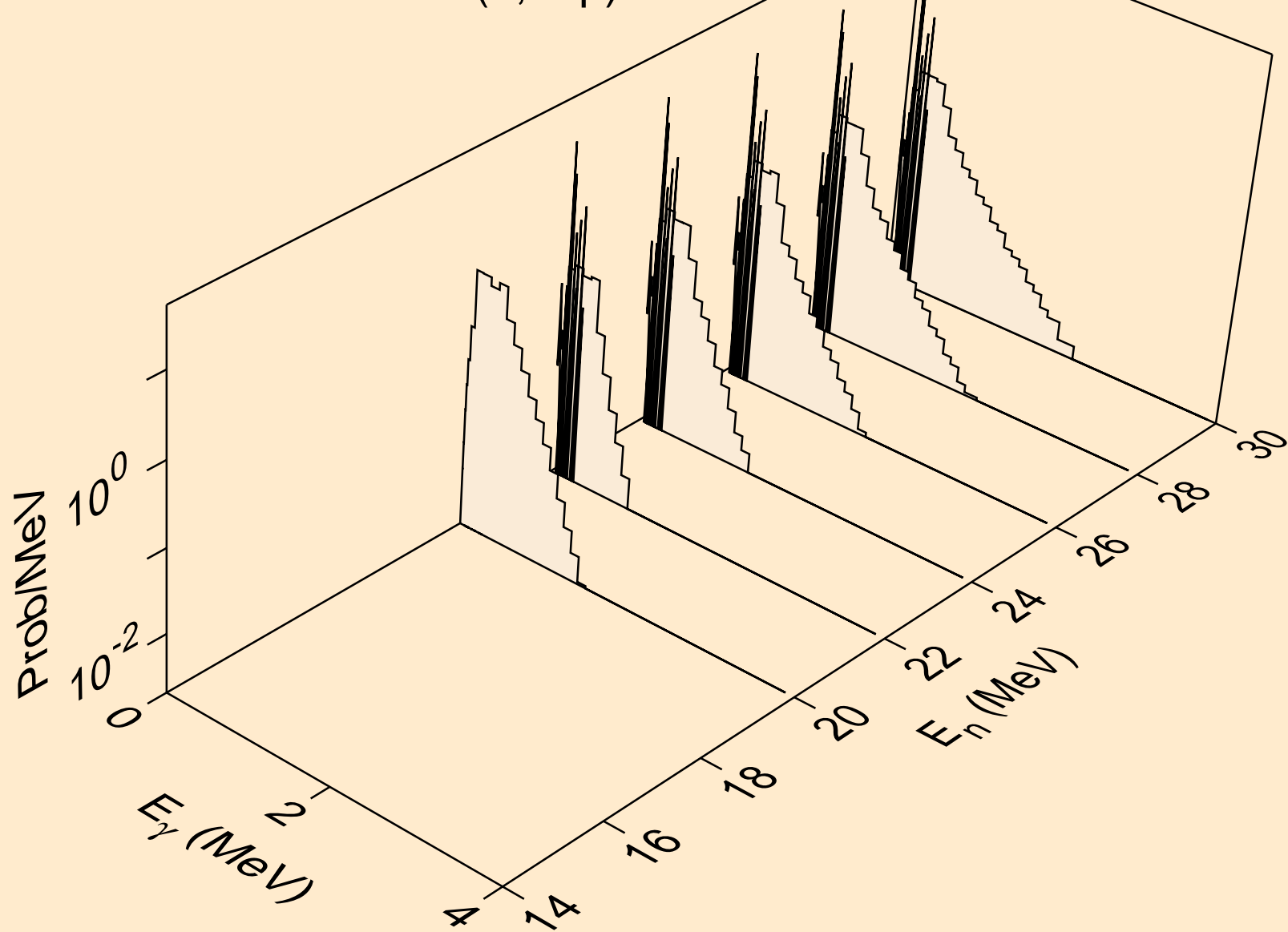
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



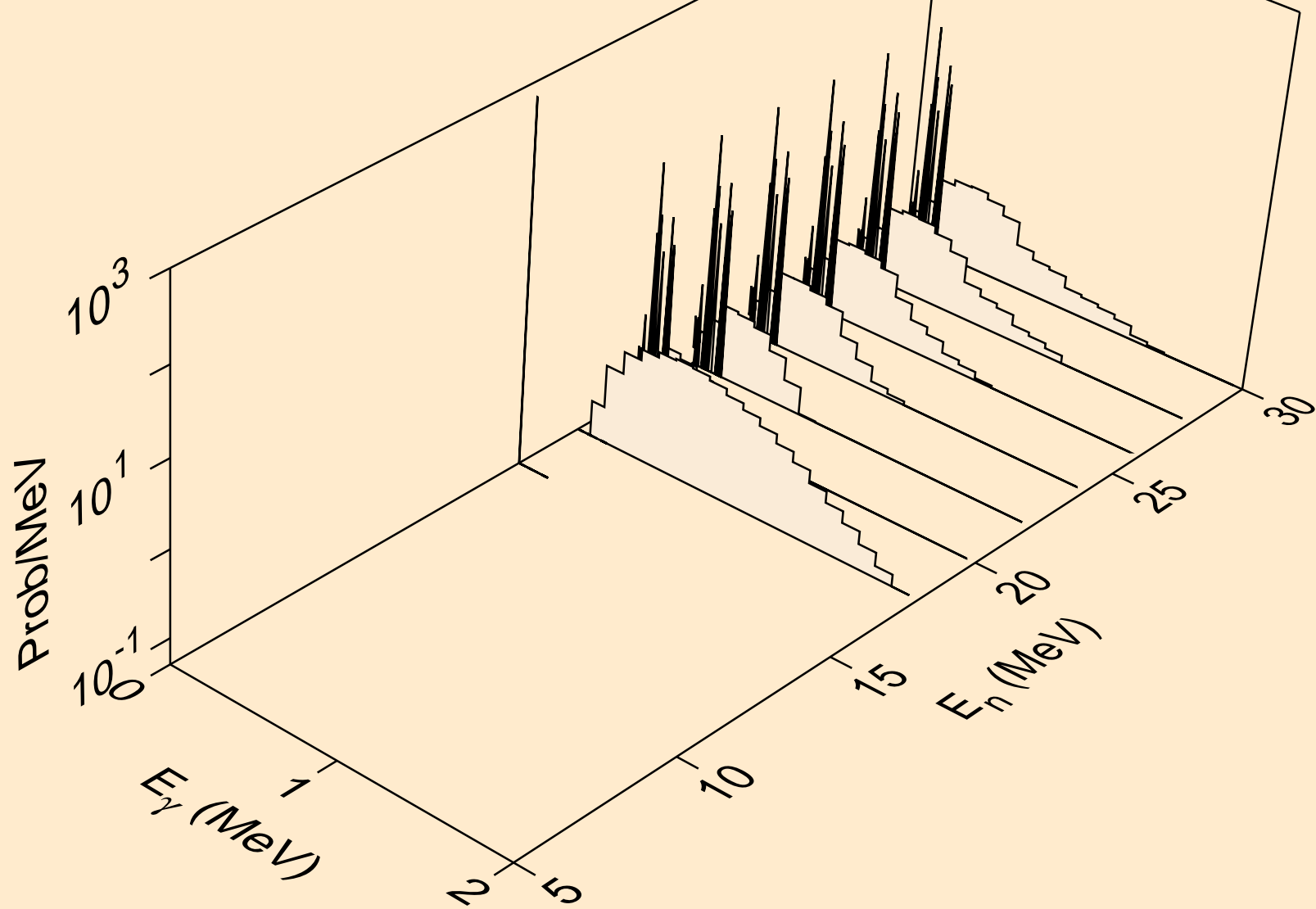
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



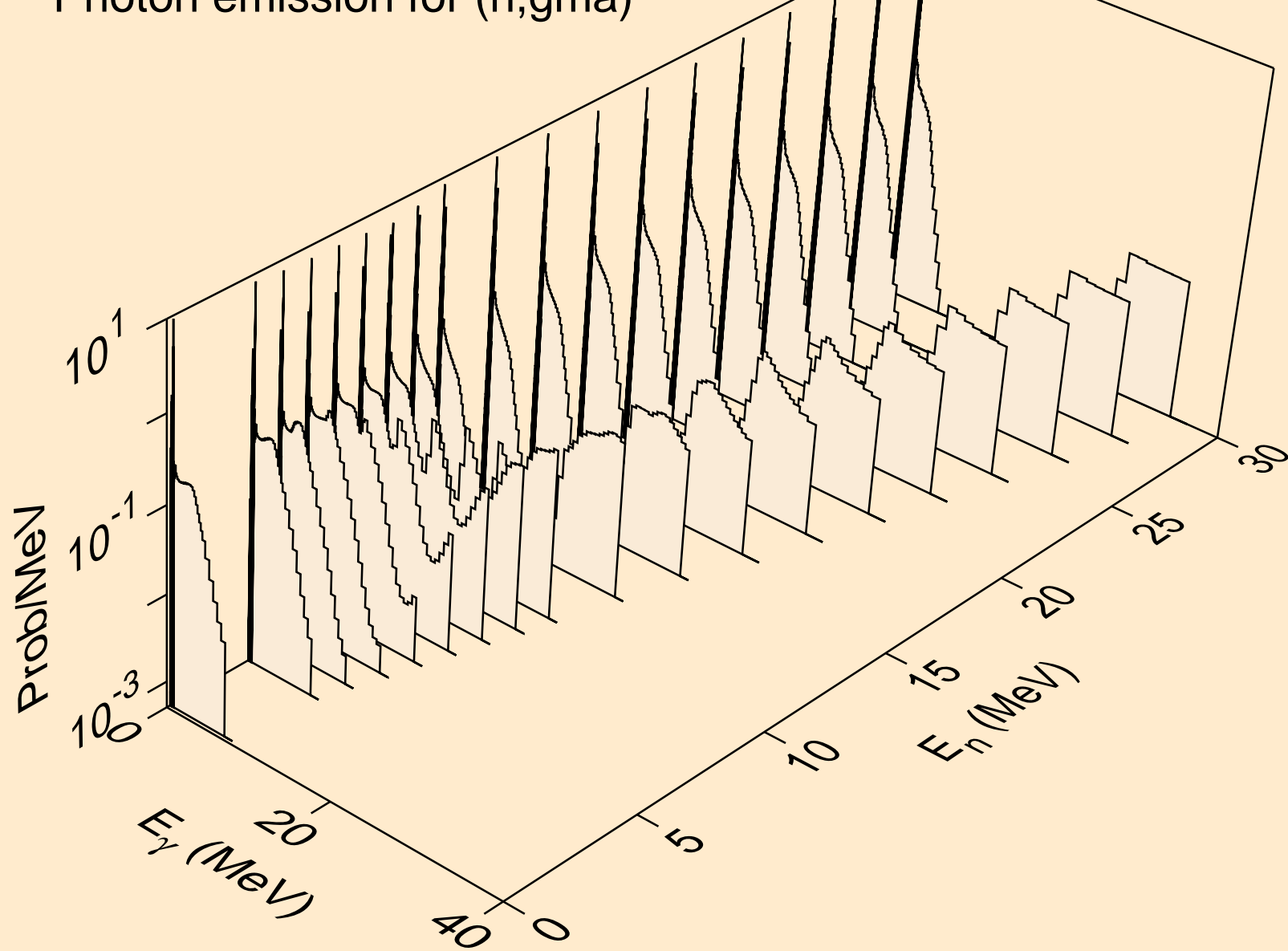
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



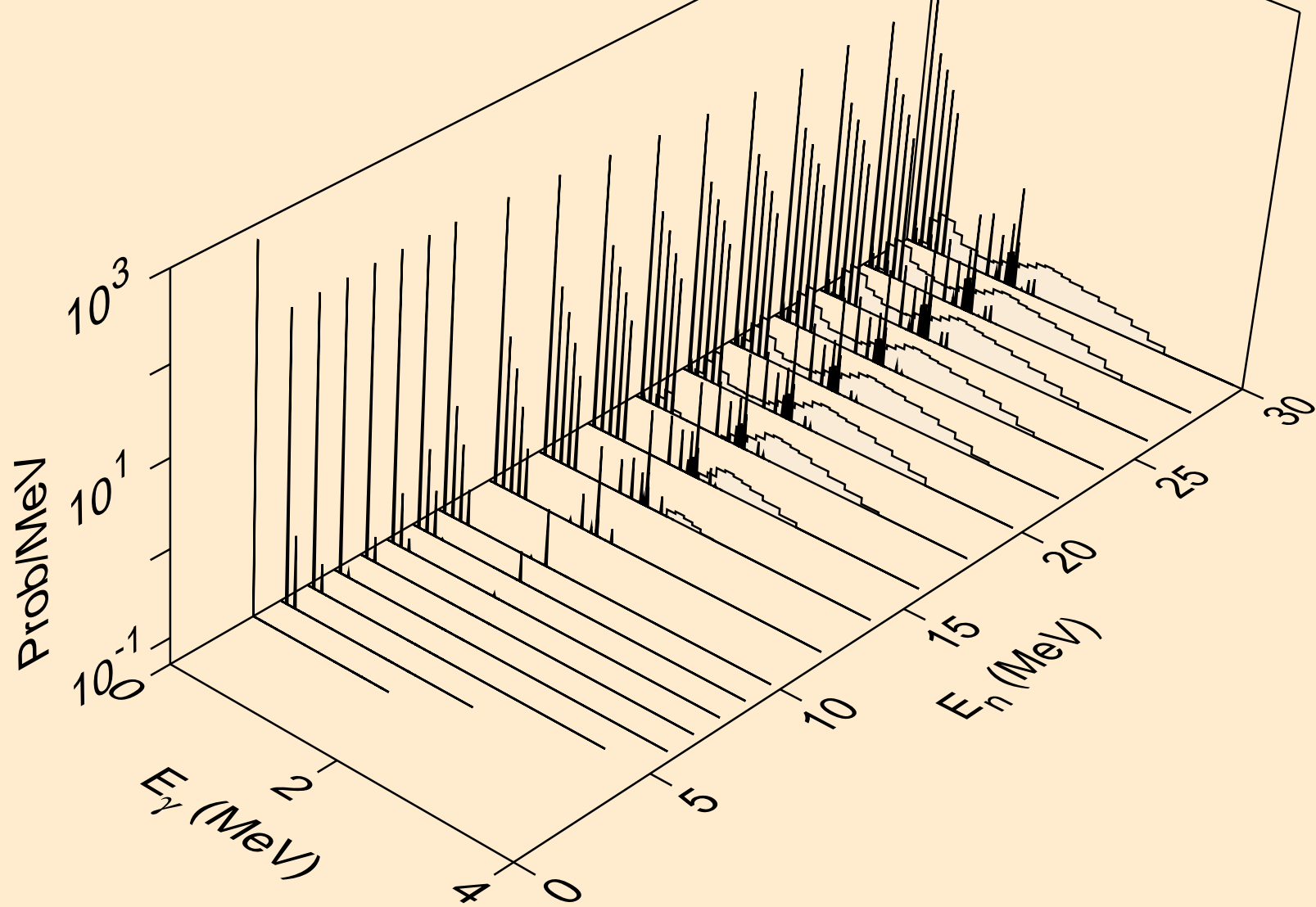
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

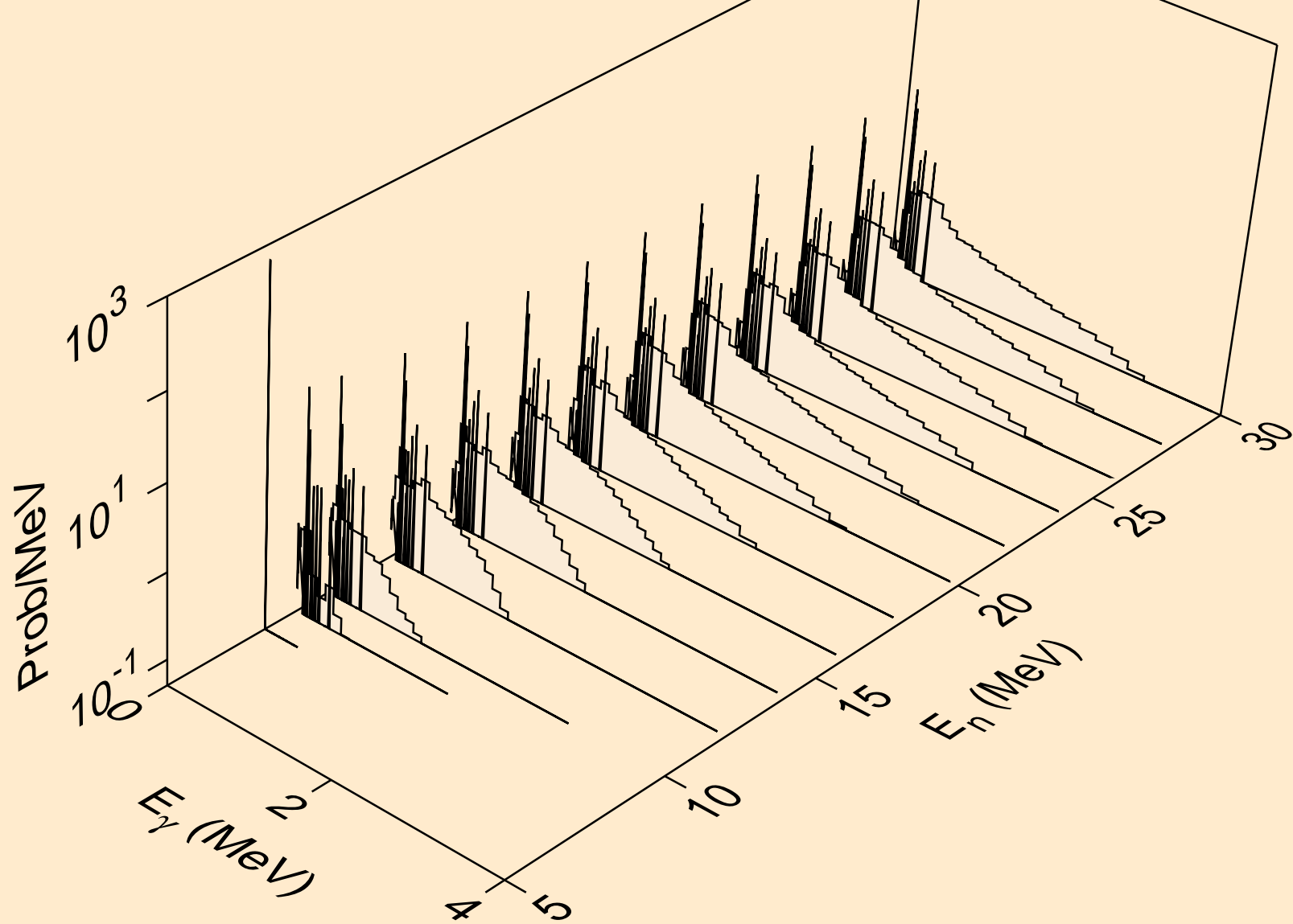


YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

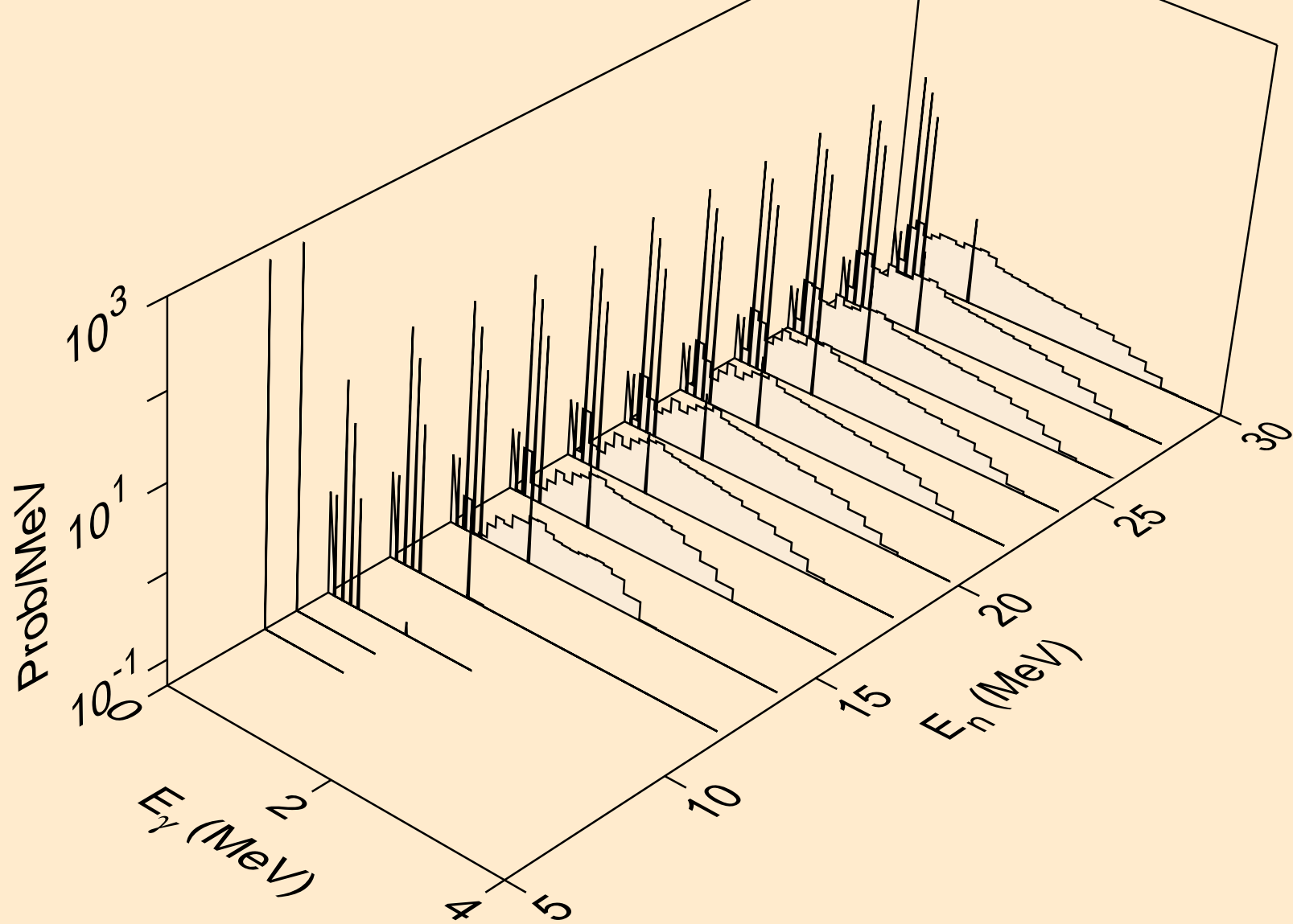




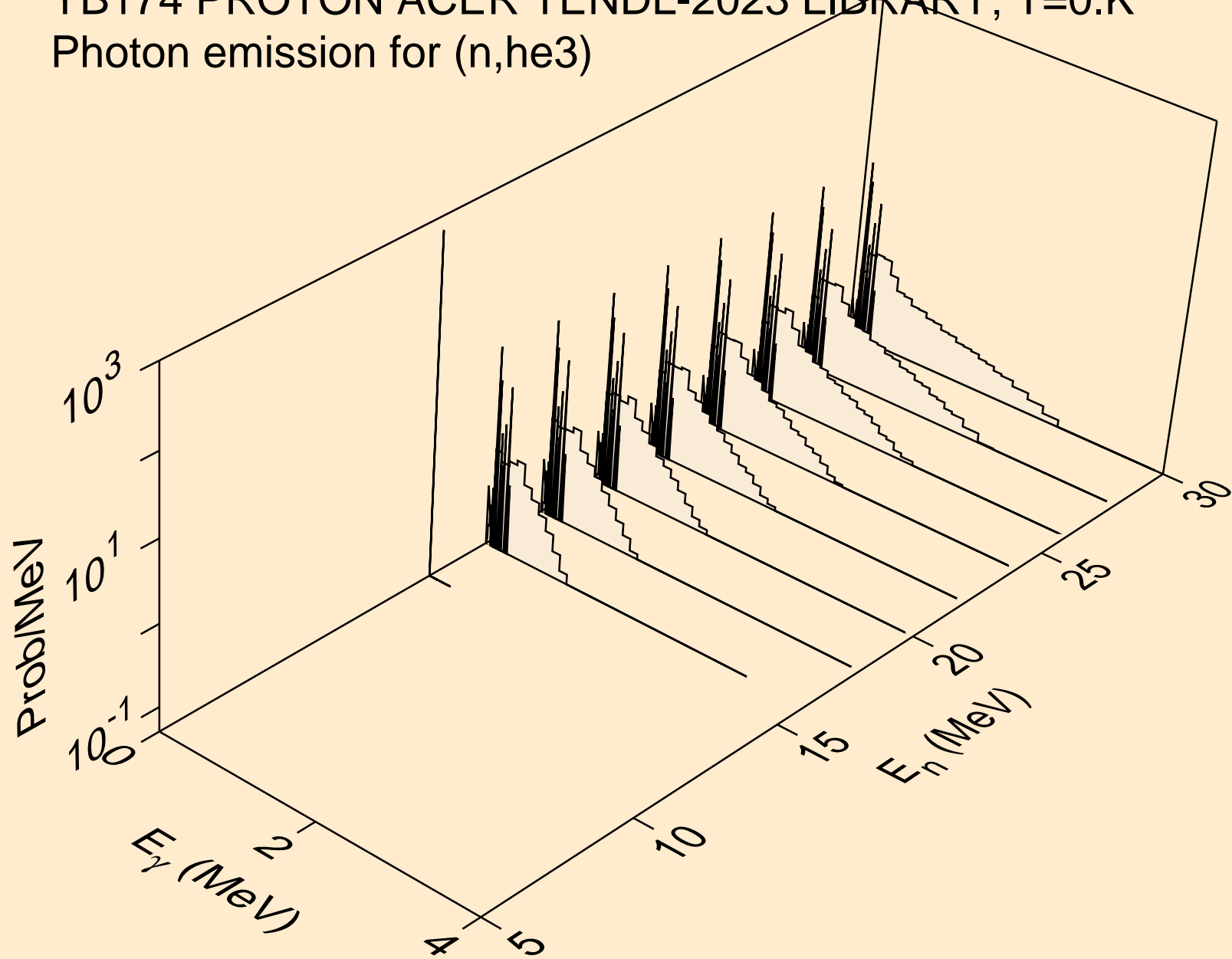
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



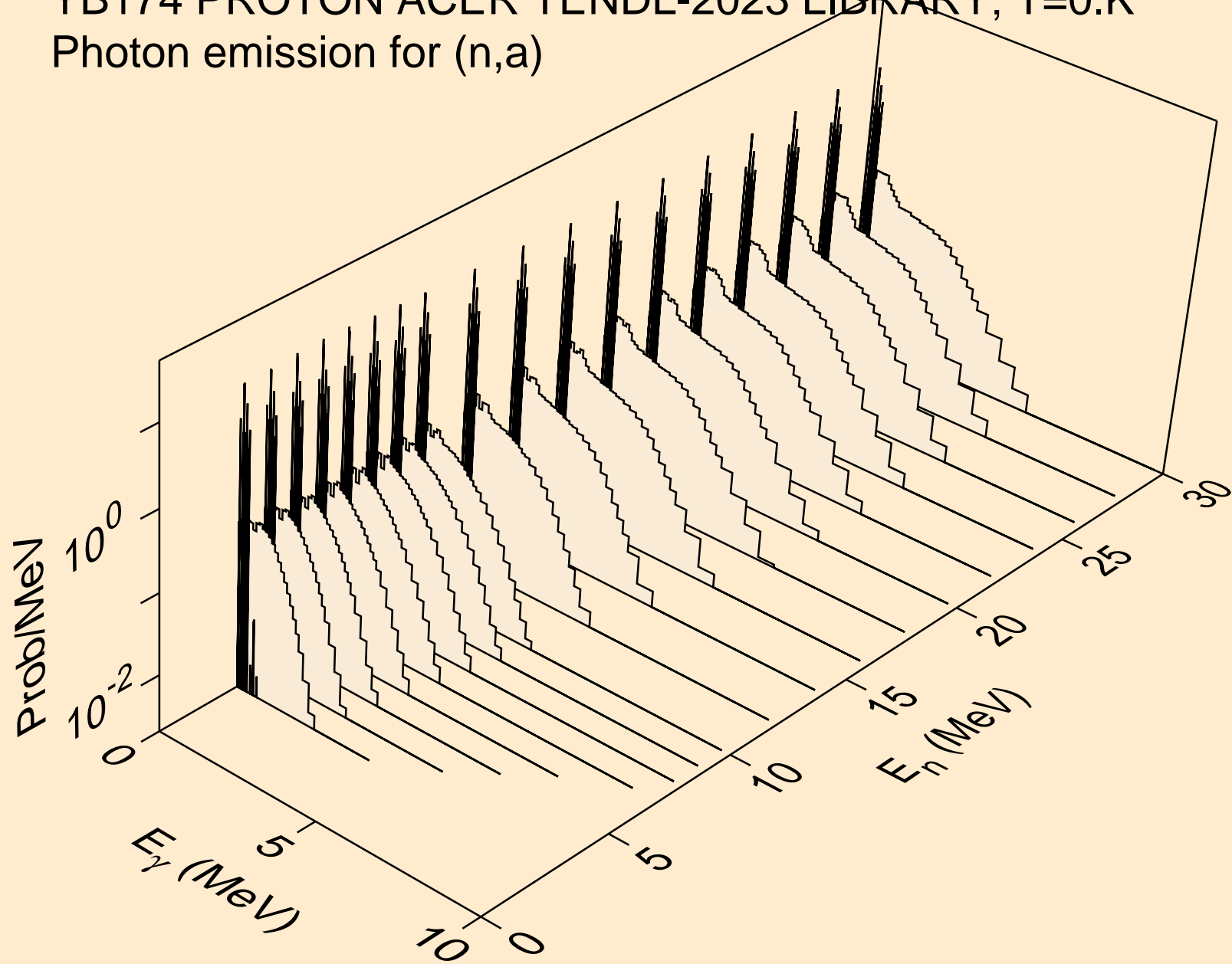
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



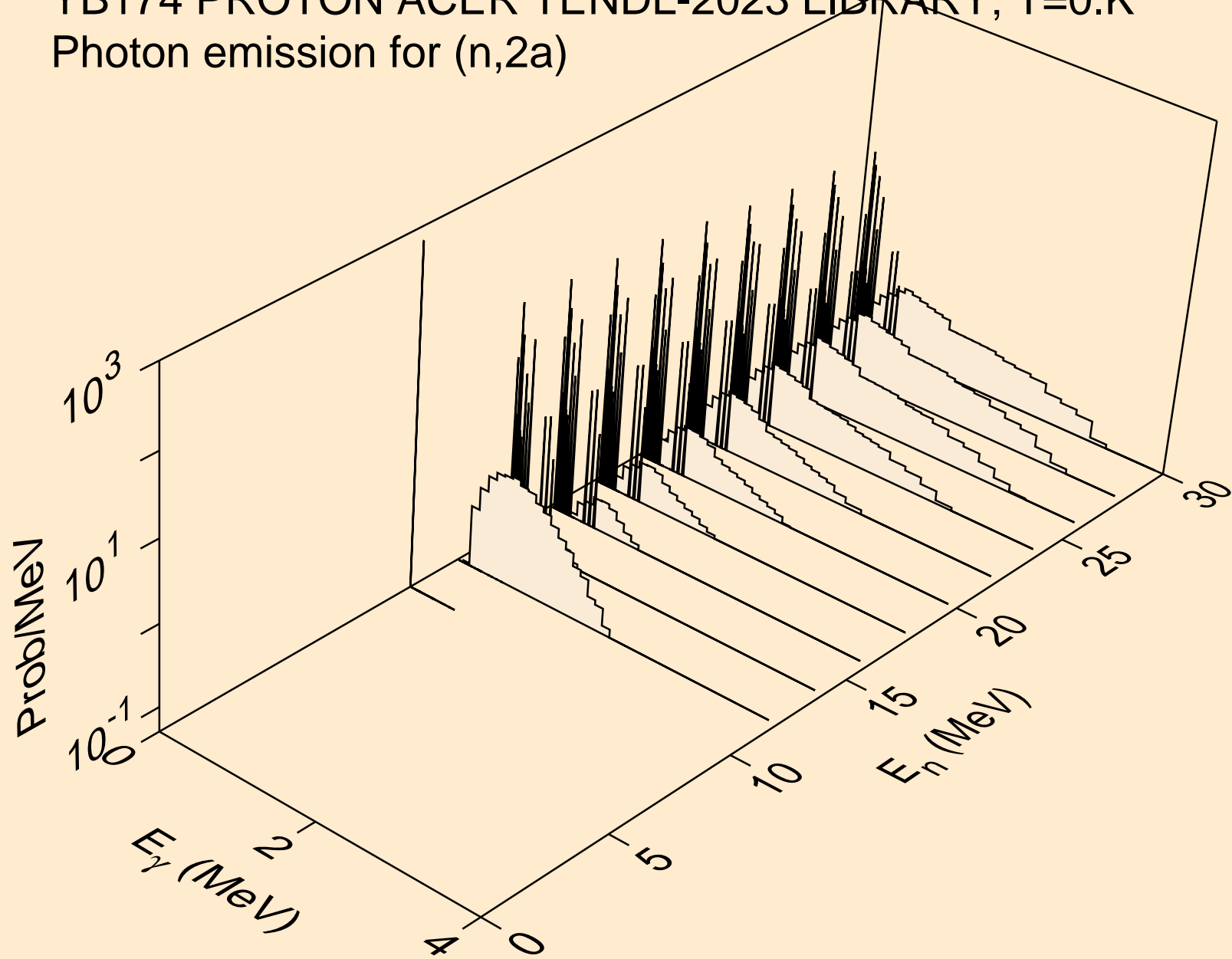
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Photon emission for (n,he3)



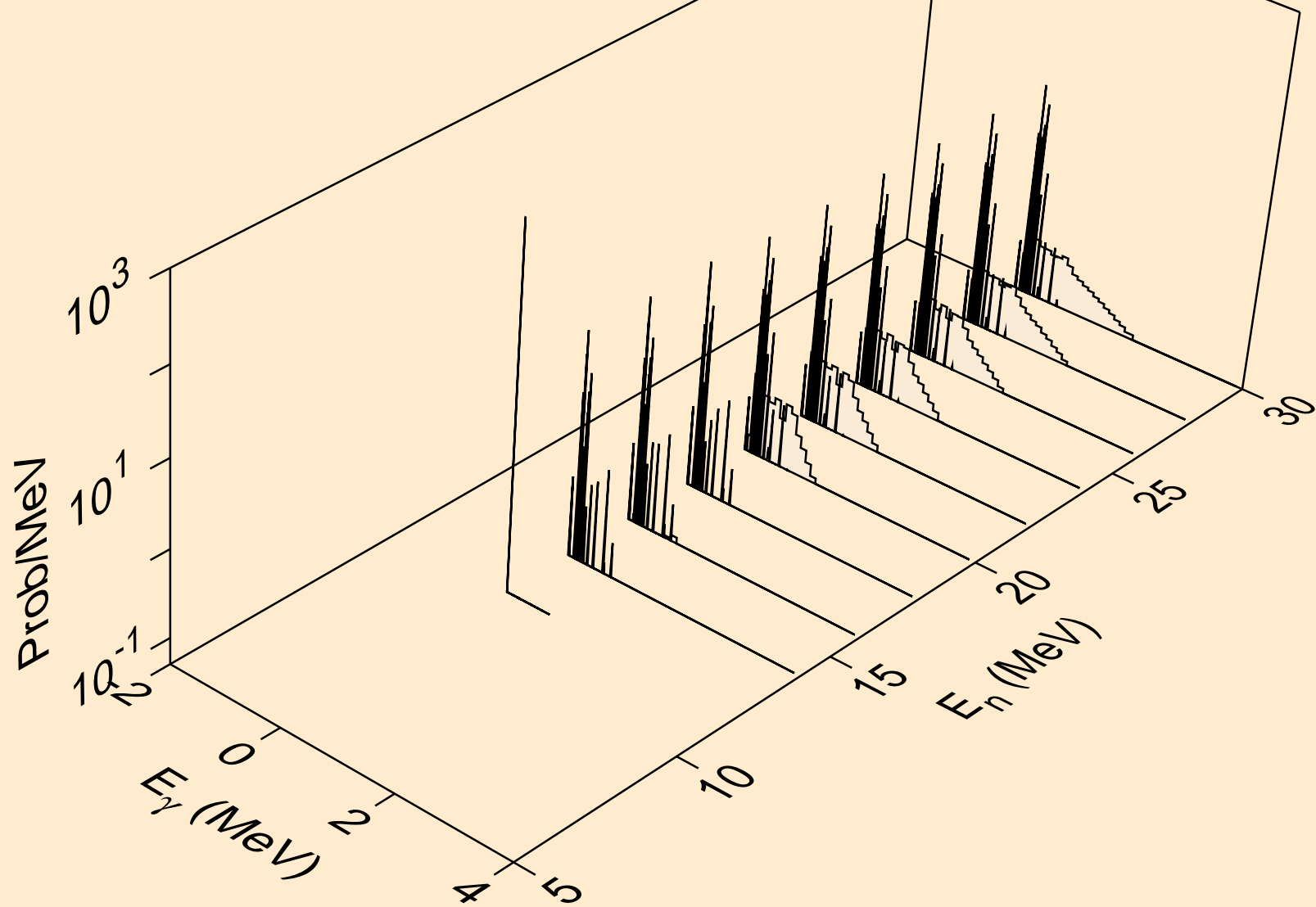
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



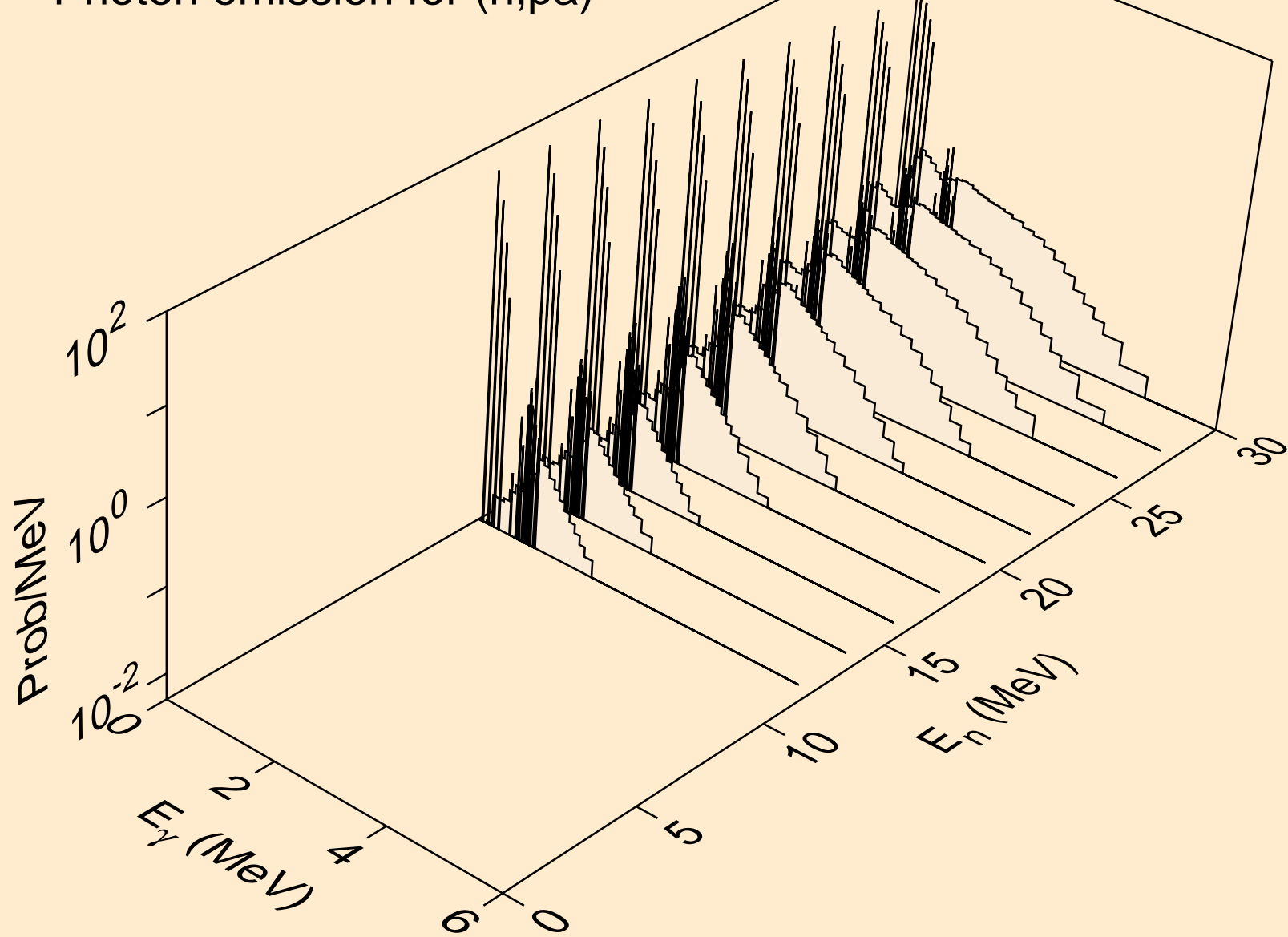
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



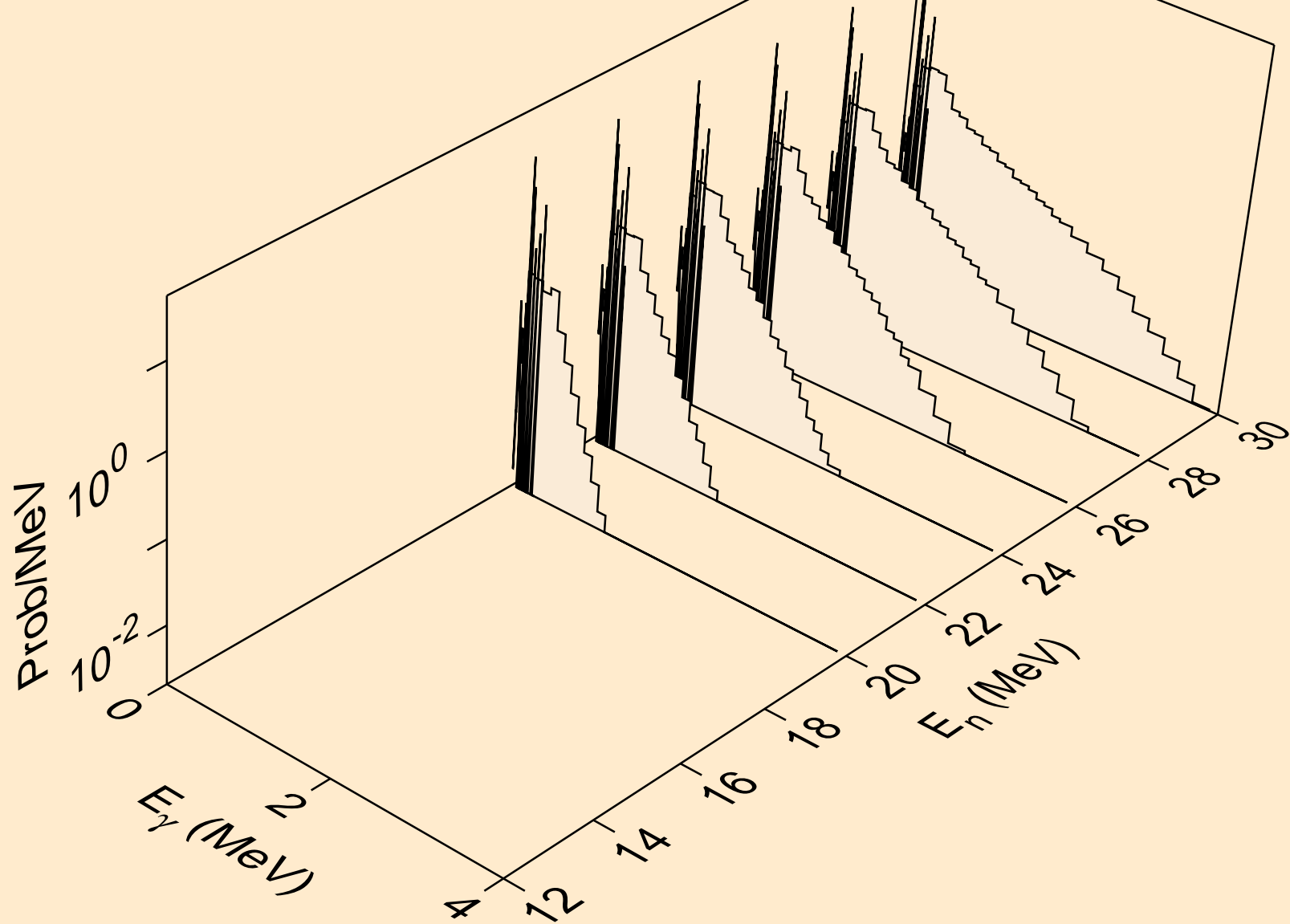
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

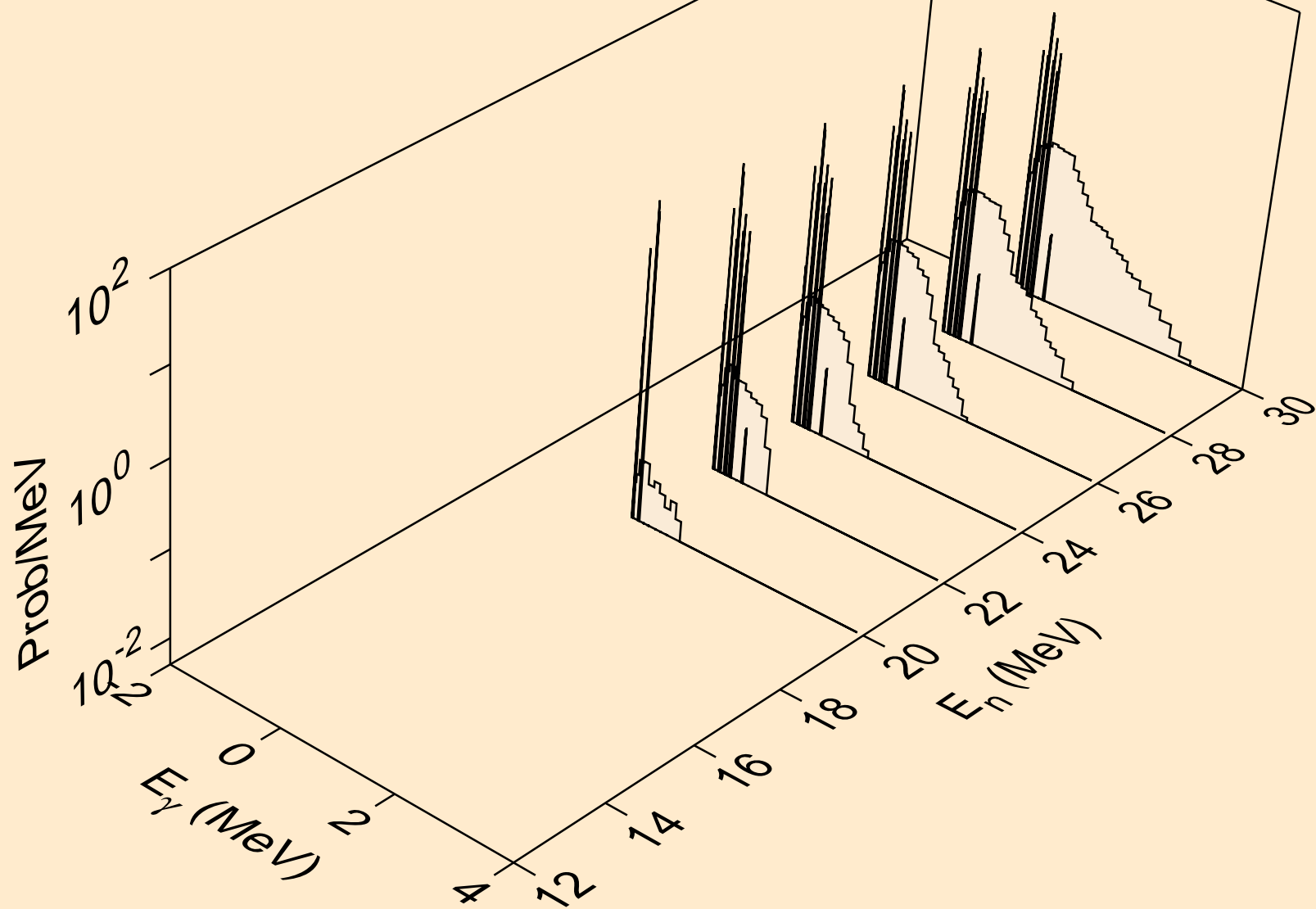


YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

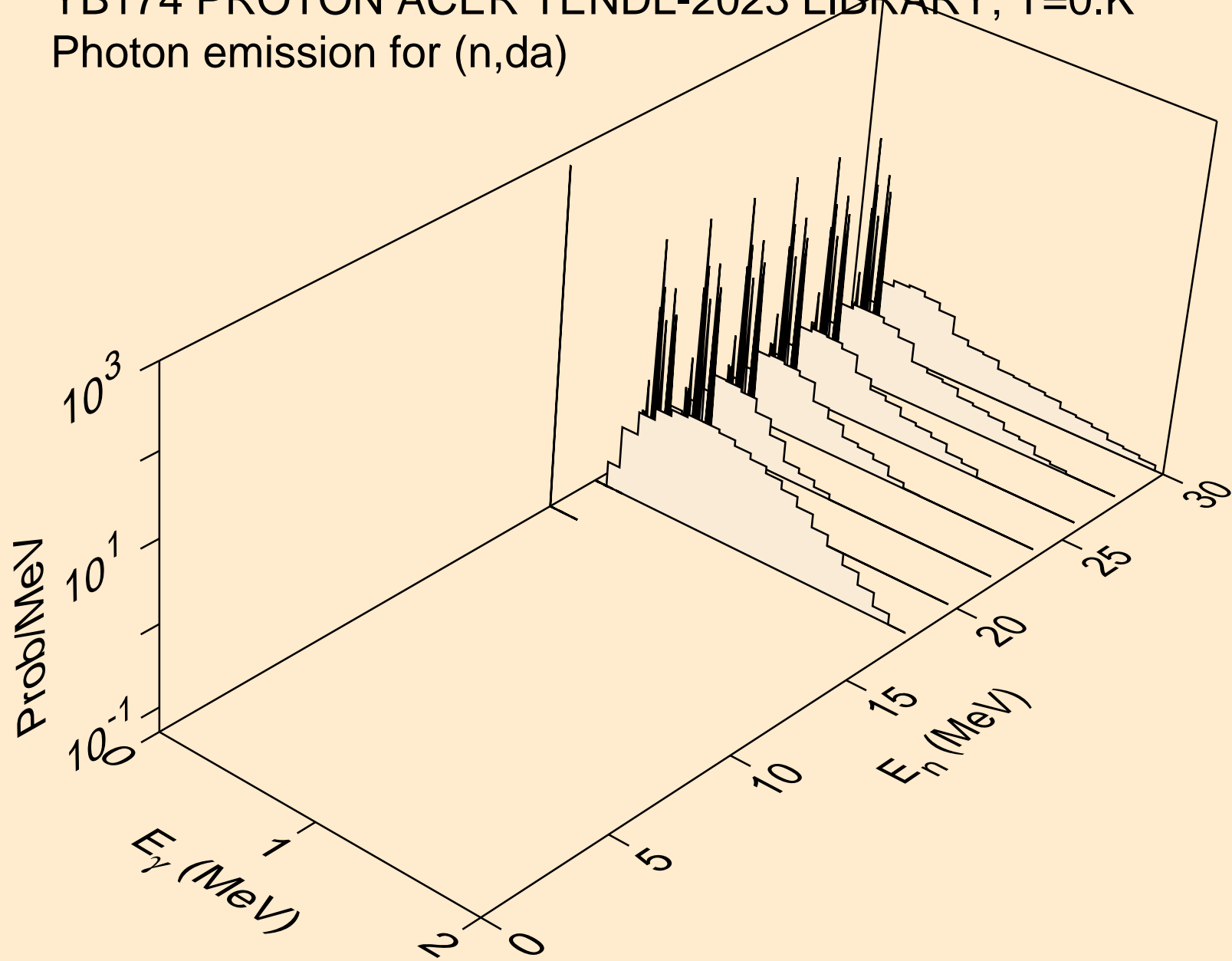




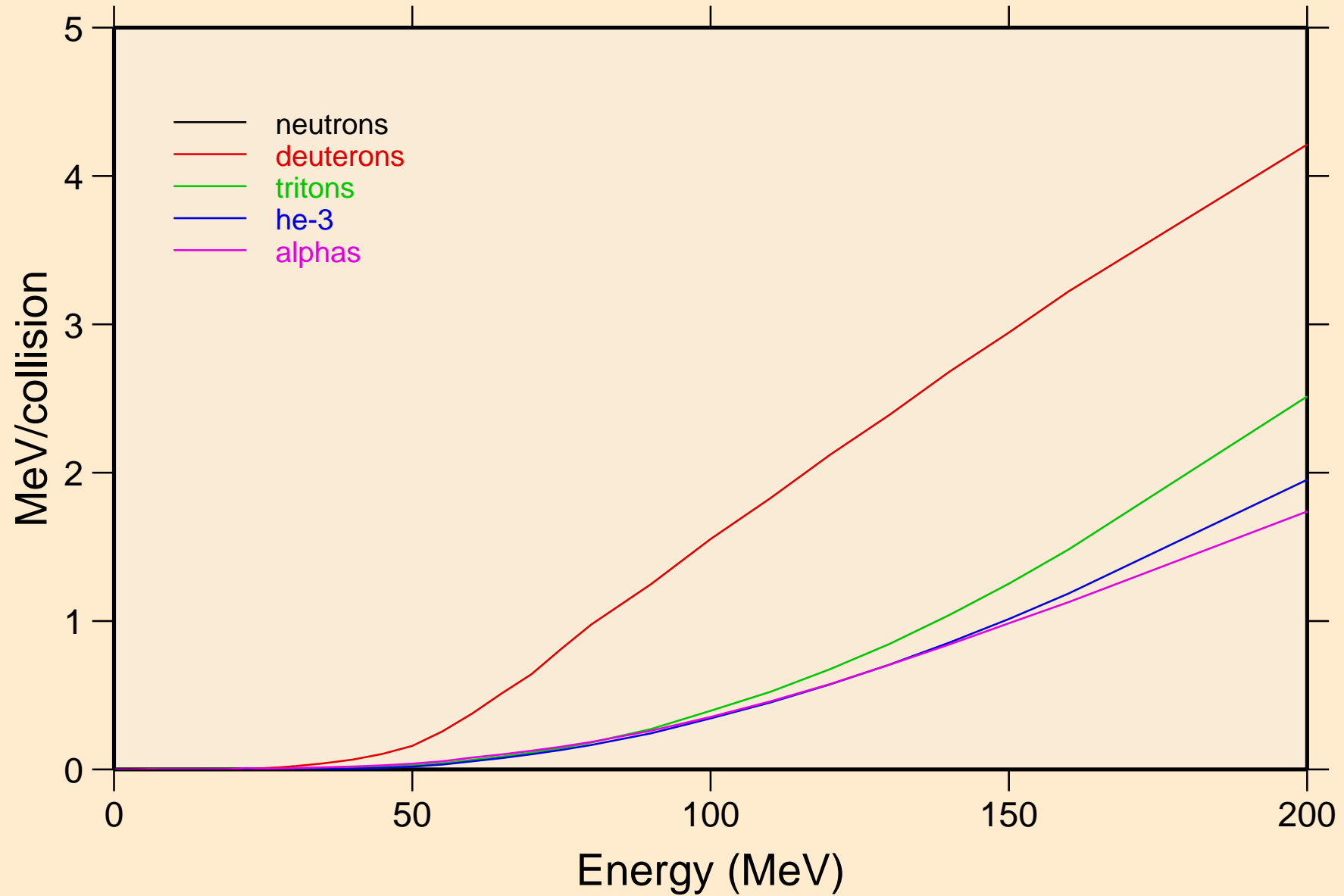
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

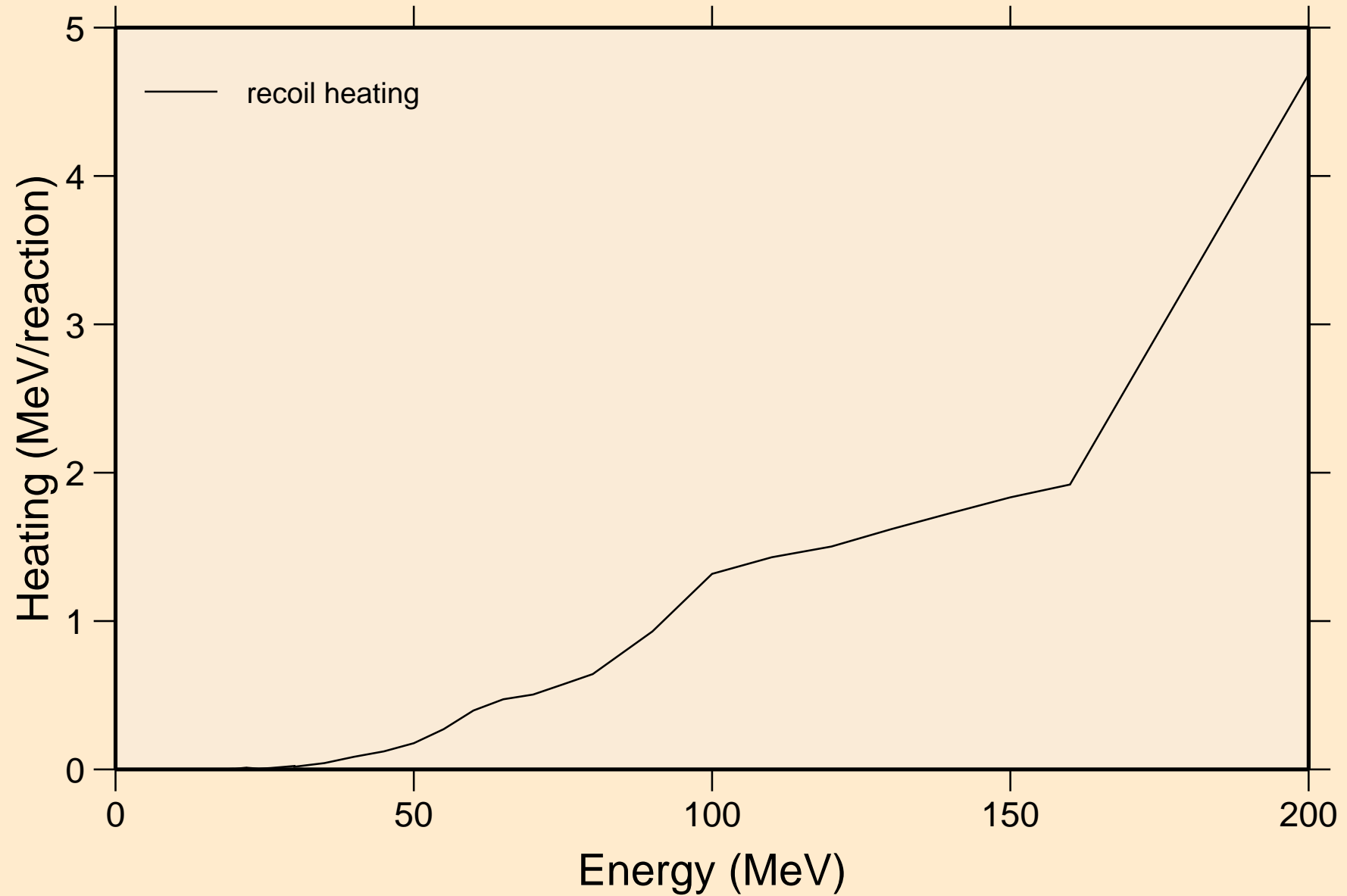


YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

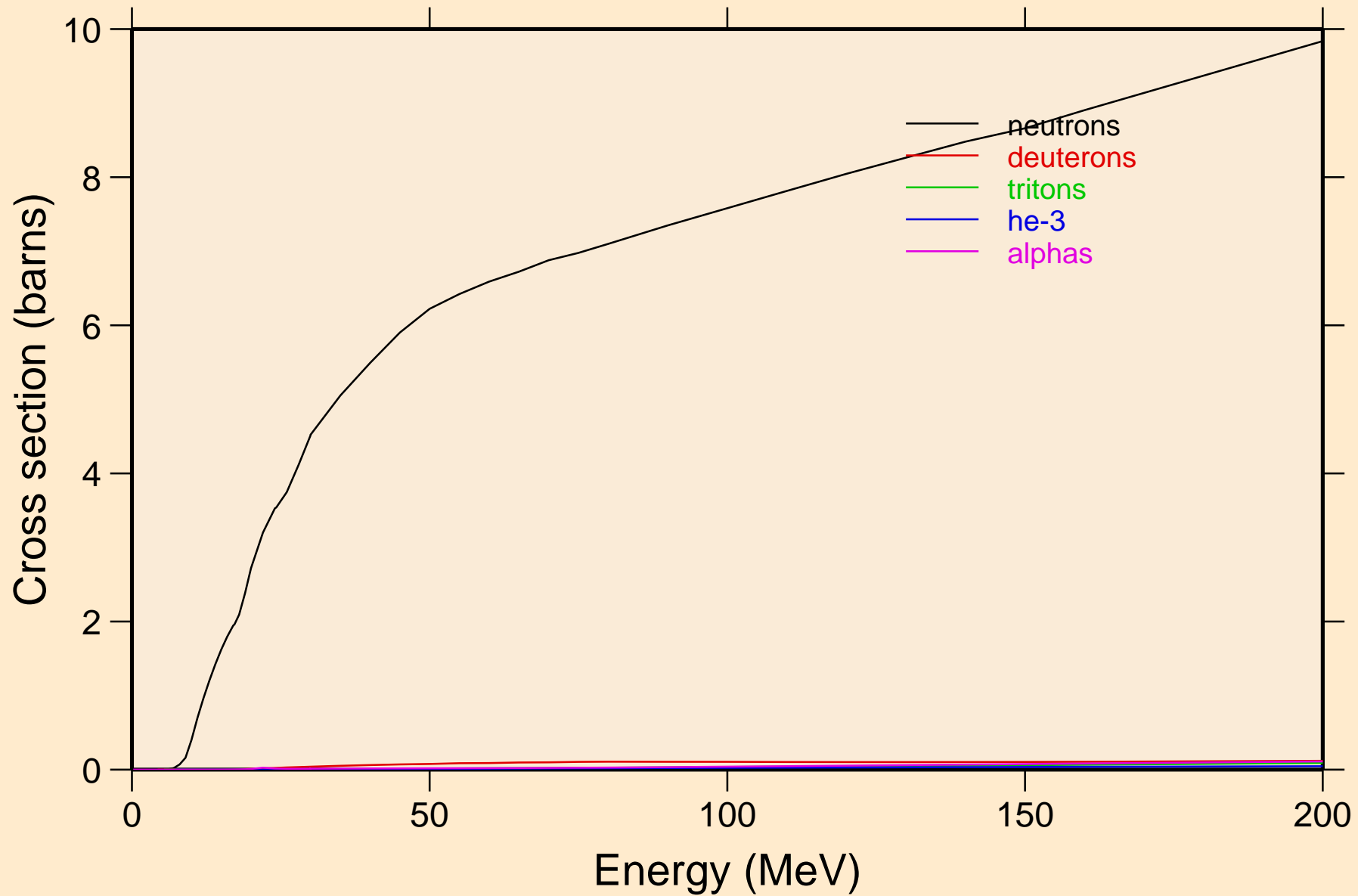


# YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K

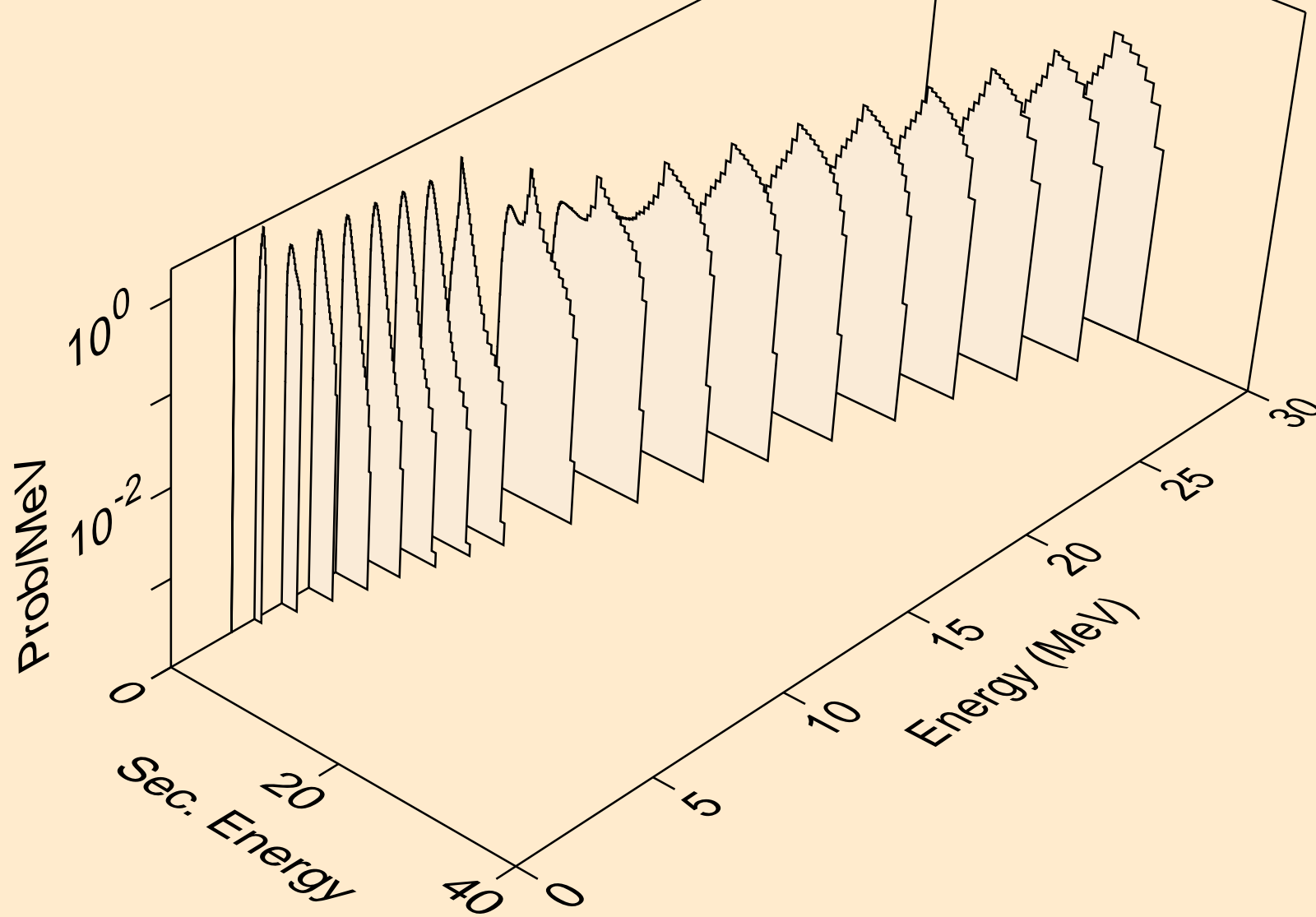
## Recoil Heating



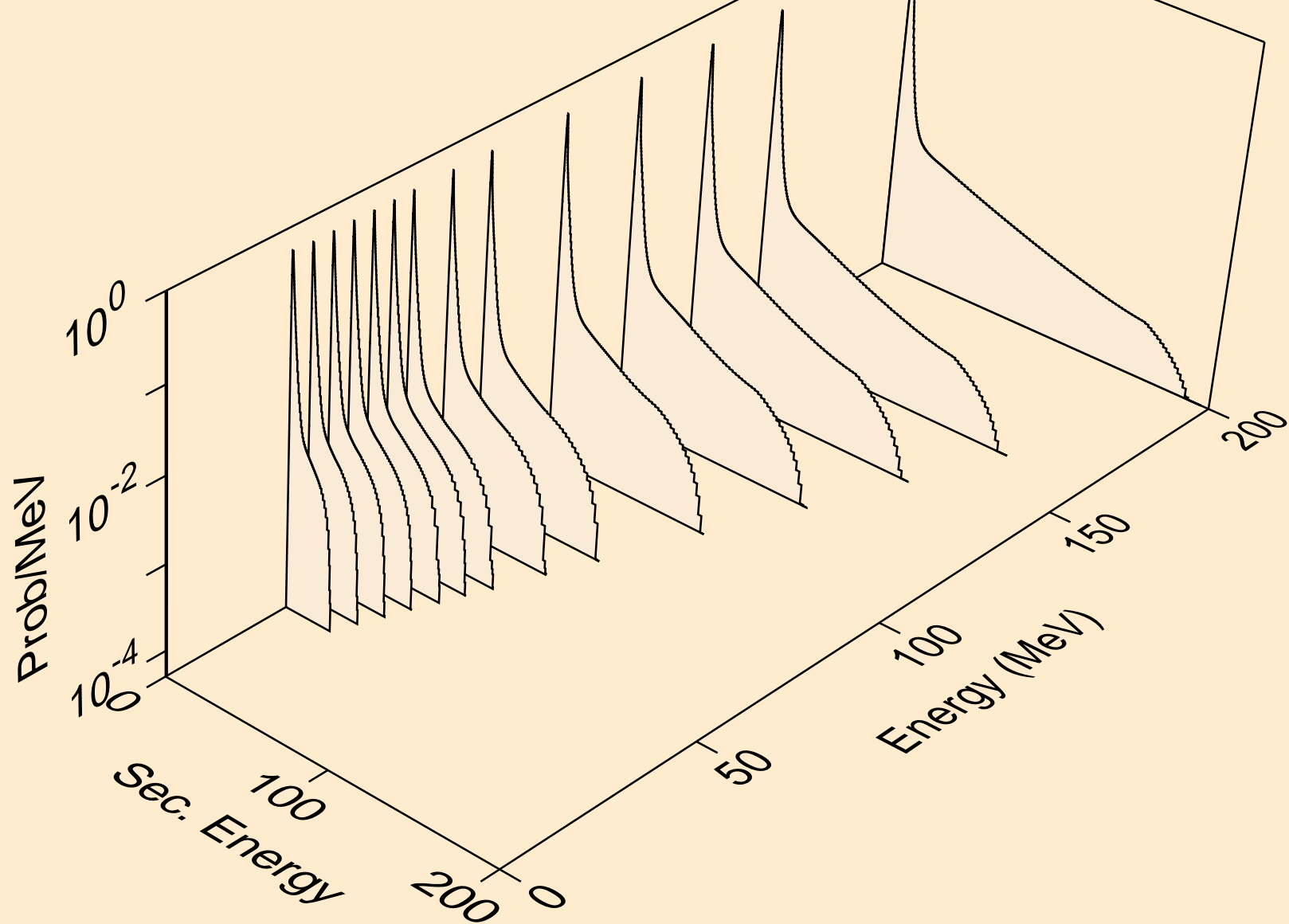
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



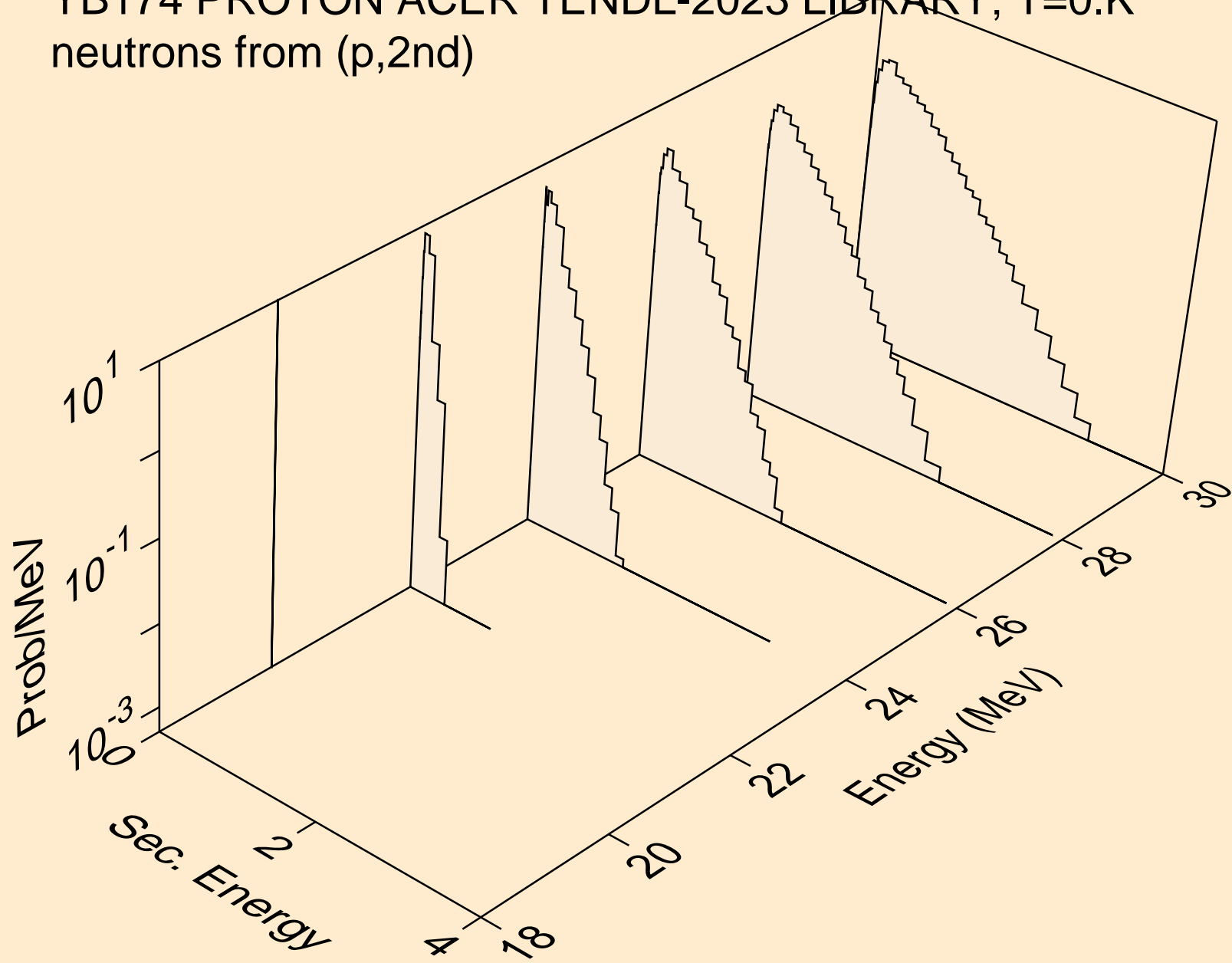
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

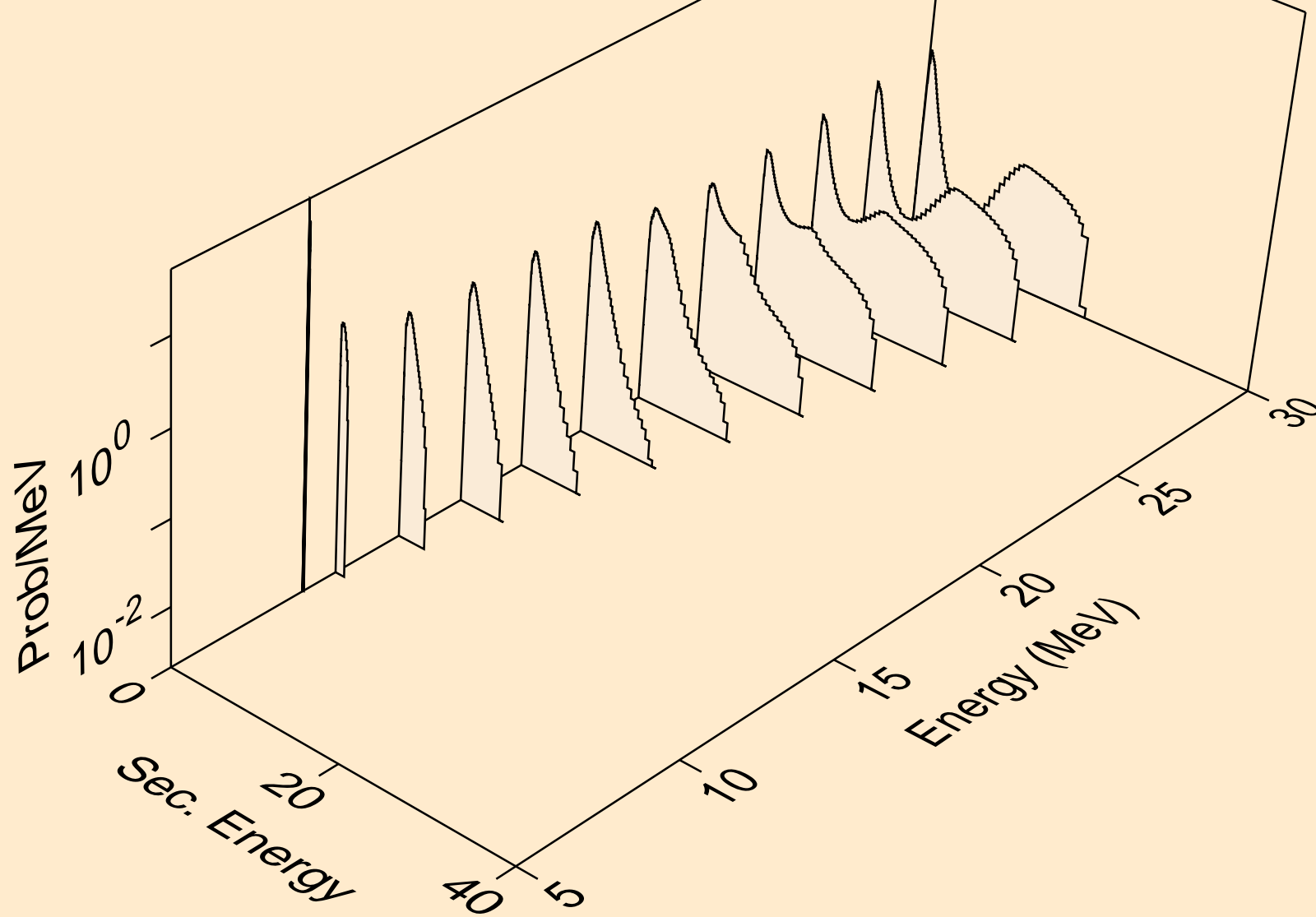


YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

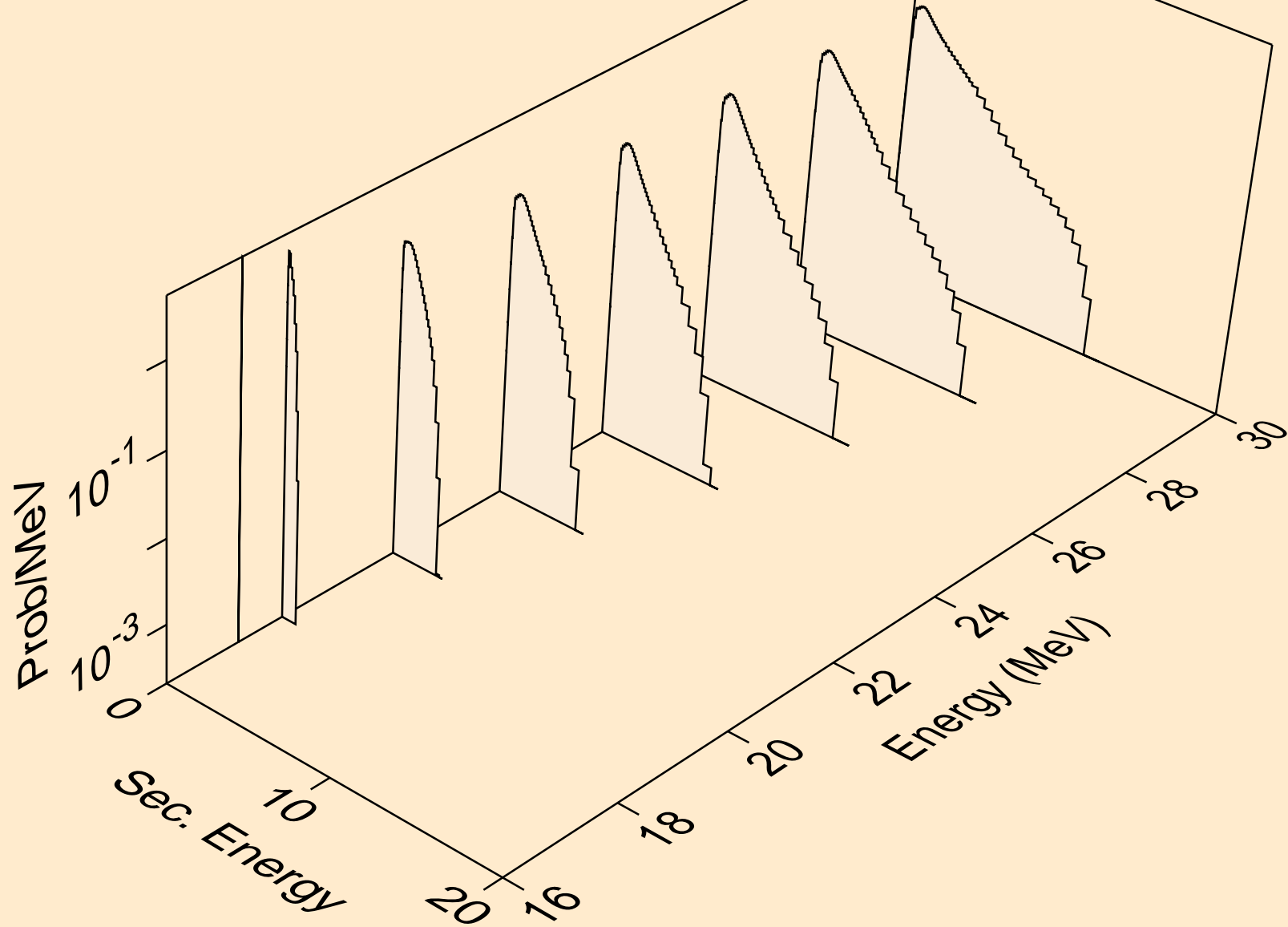




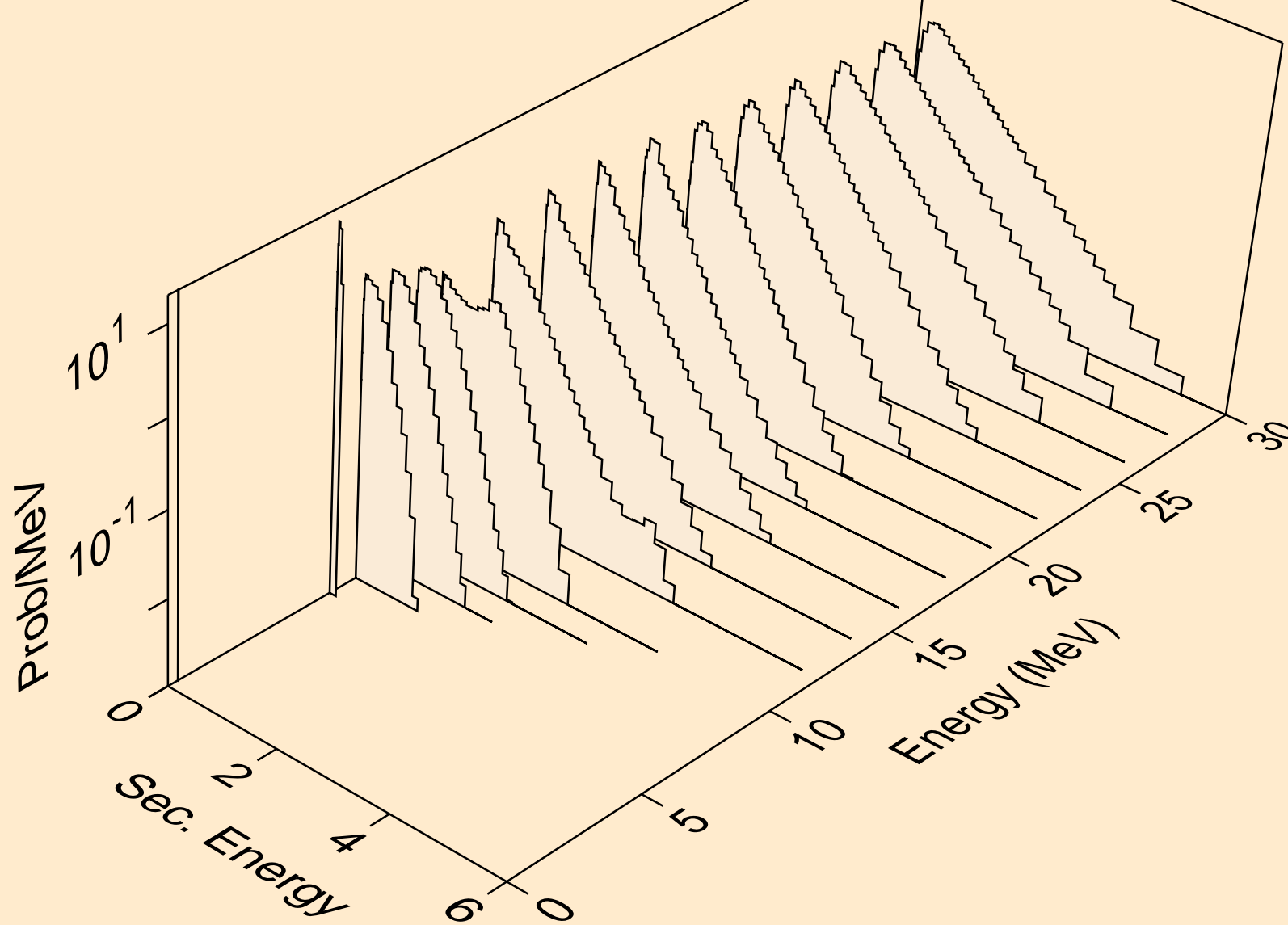
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



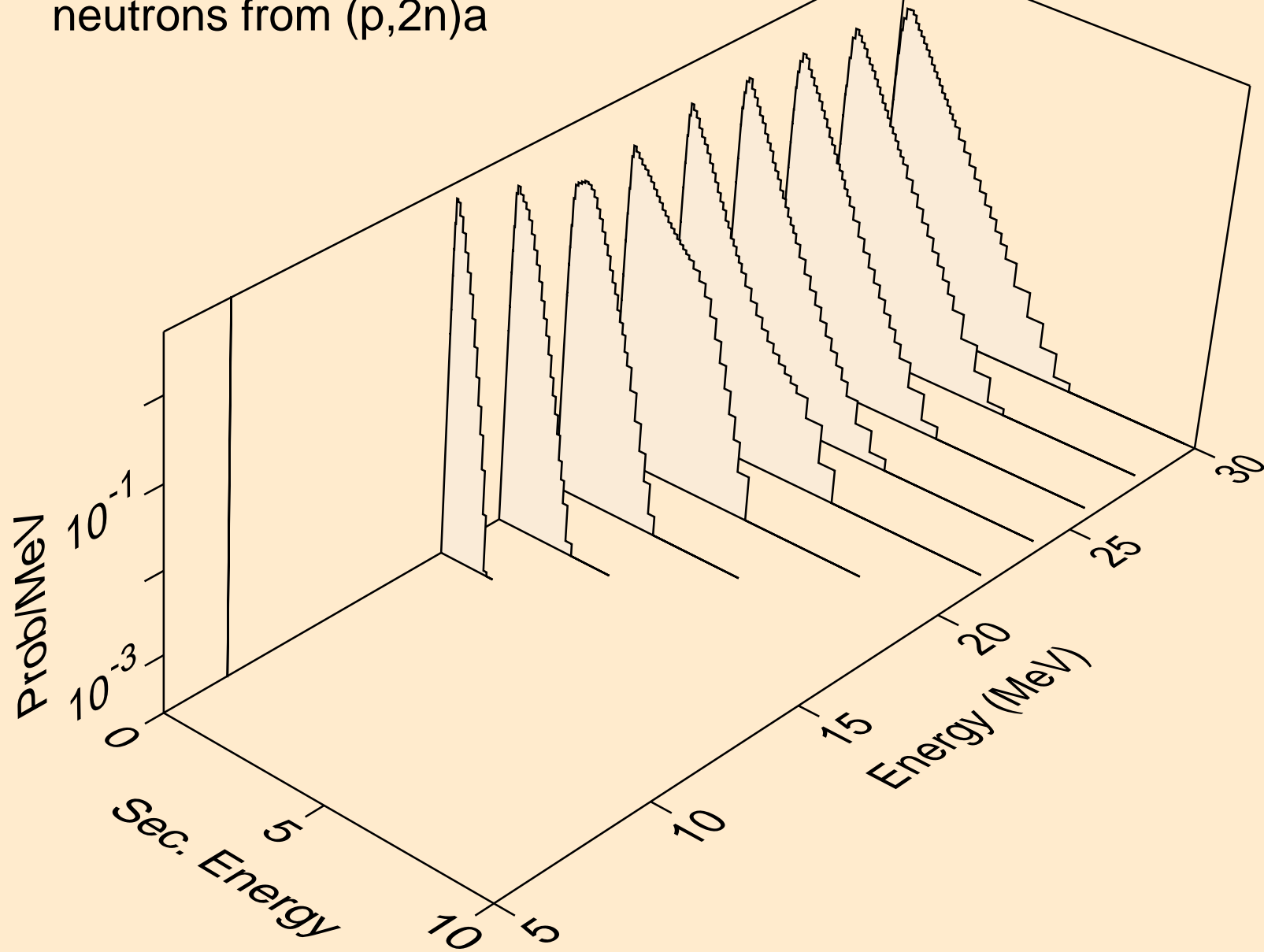
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



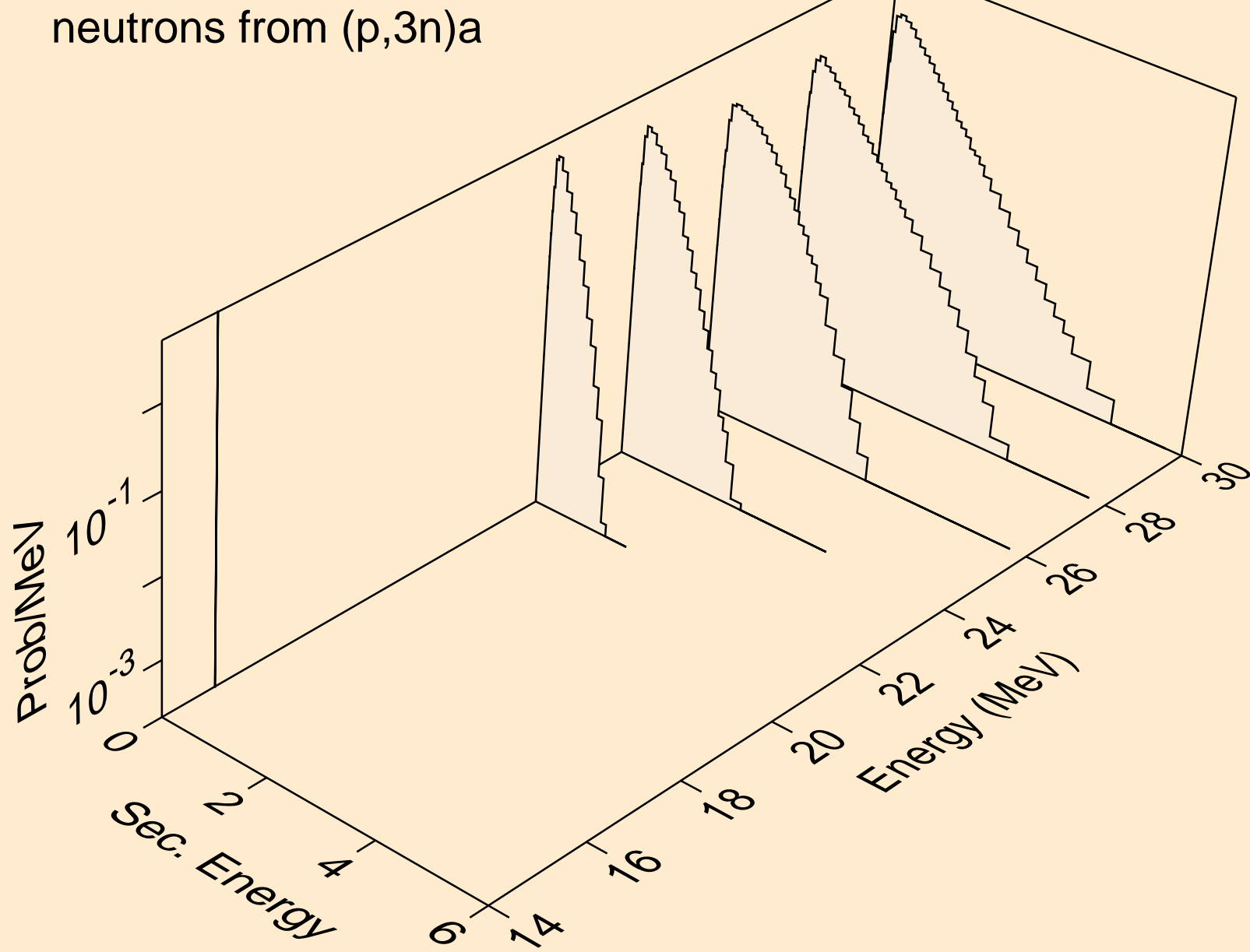
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



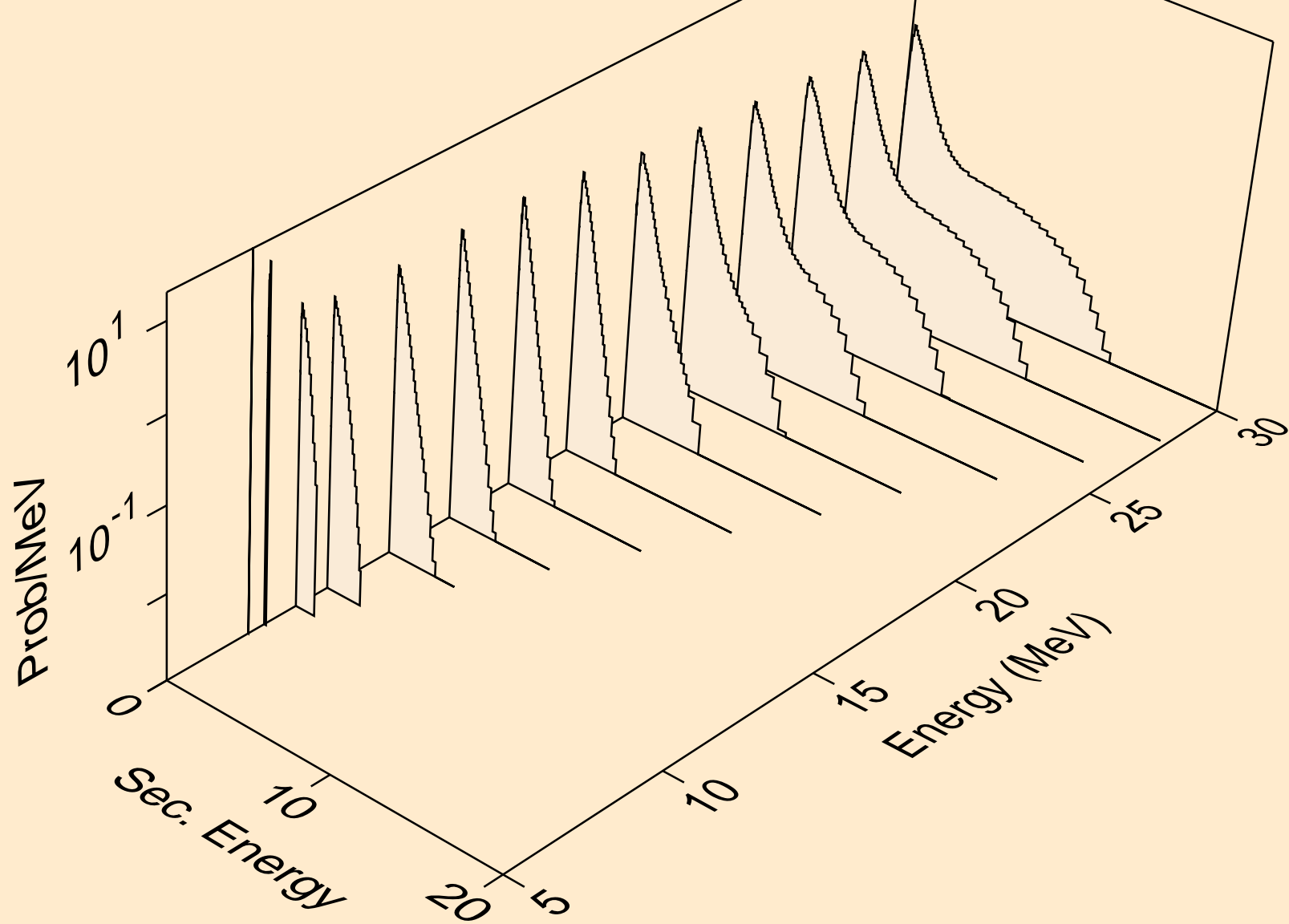
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



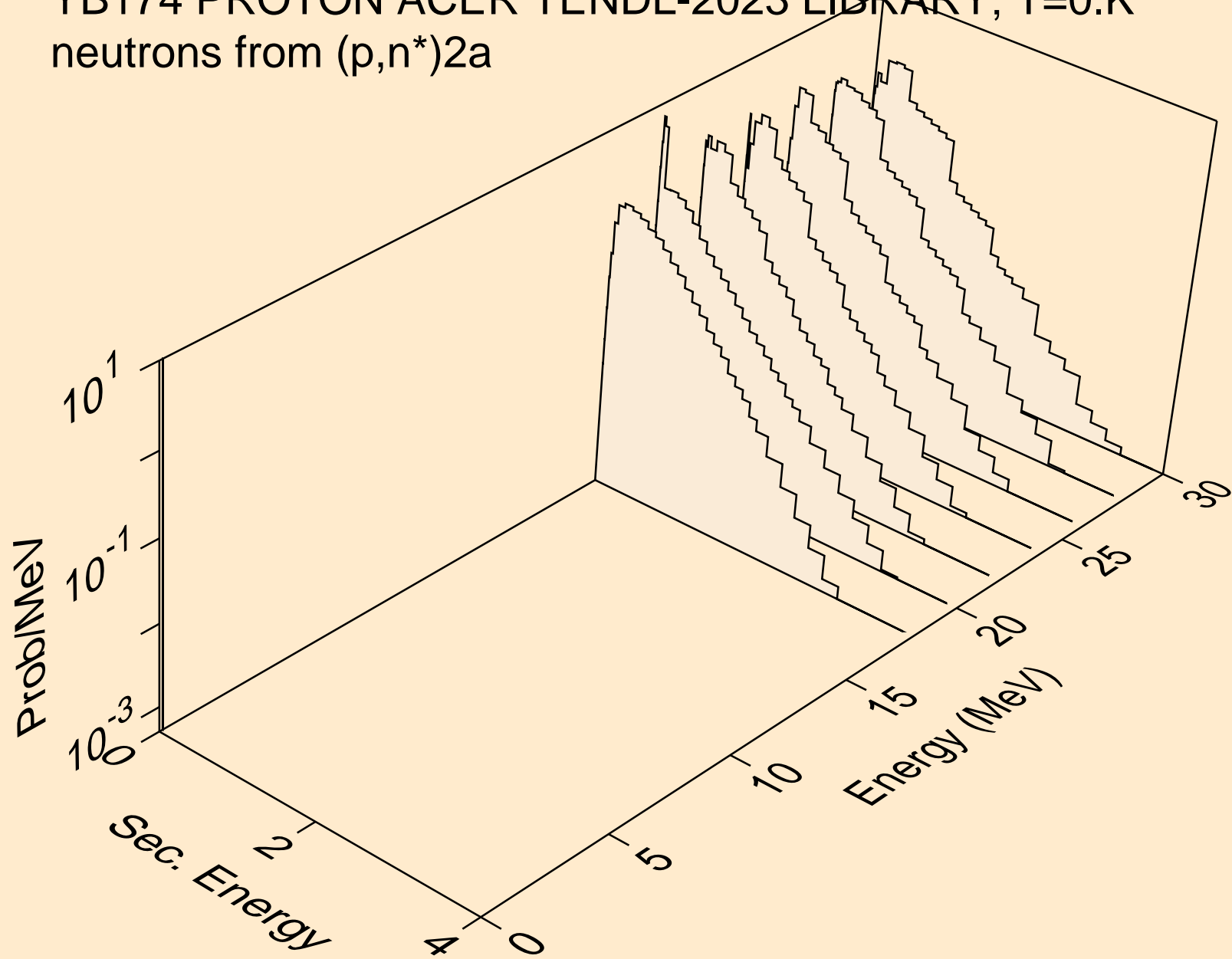
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



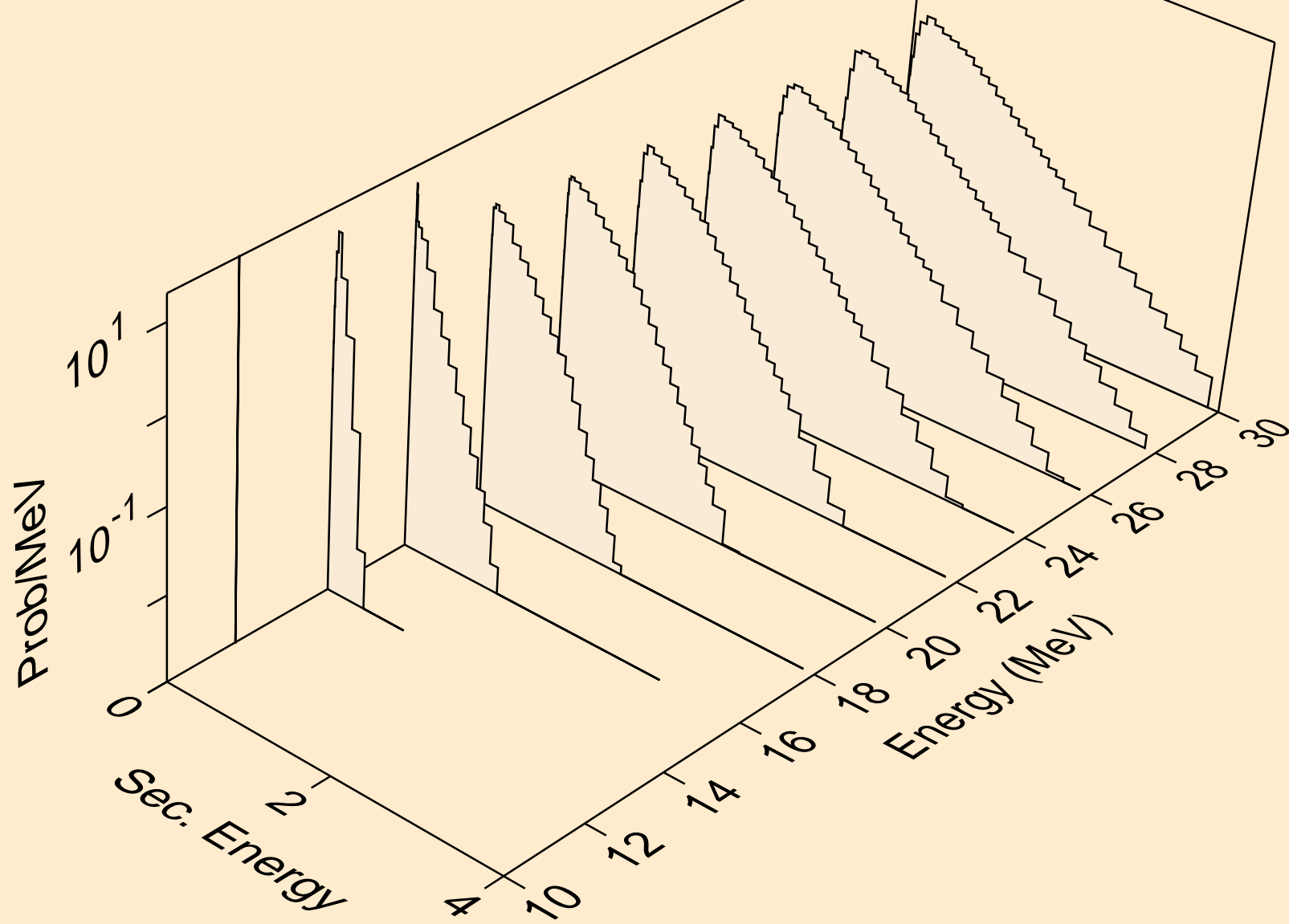
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

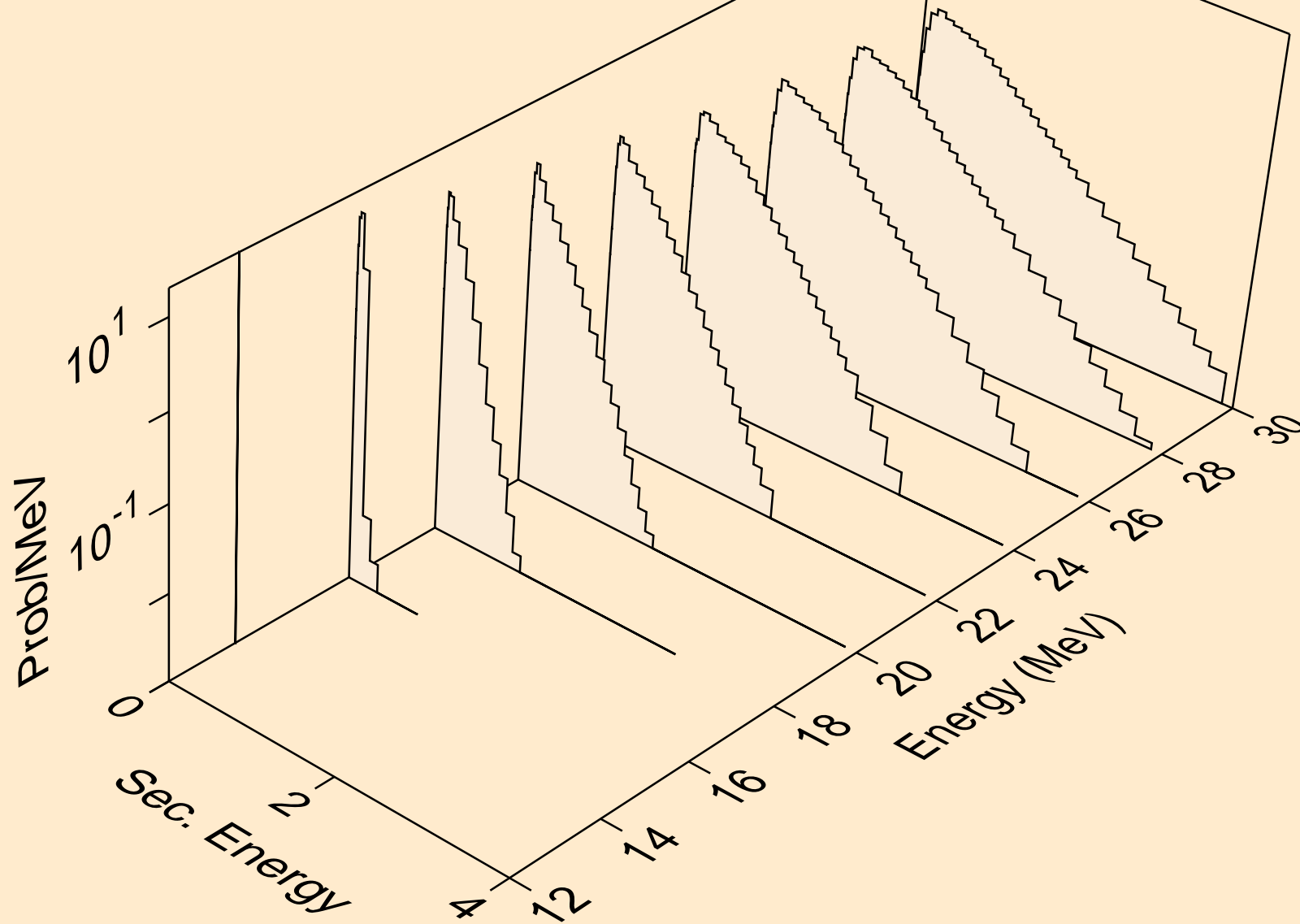


YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

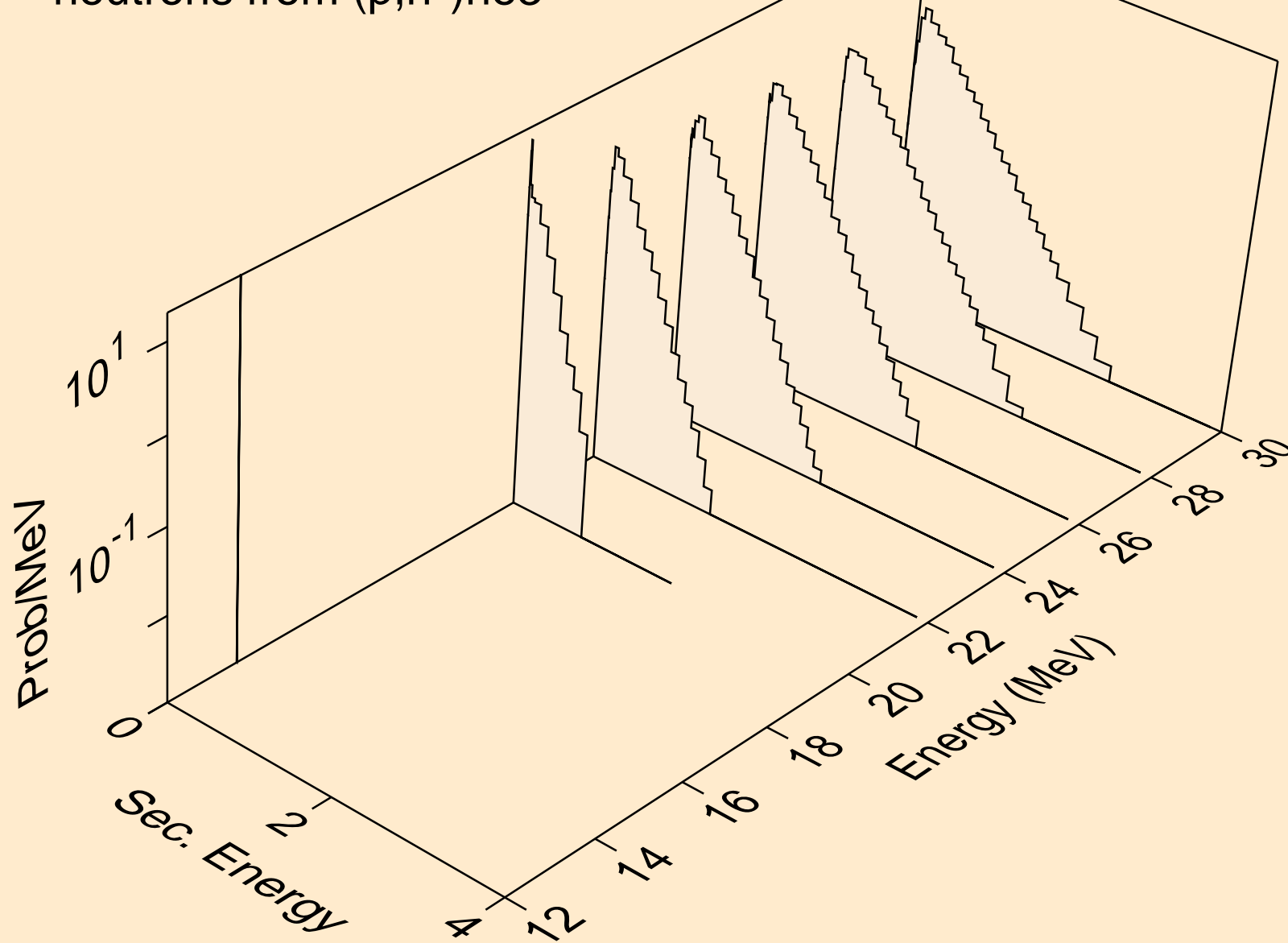




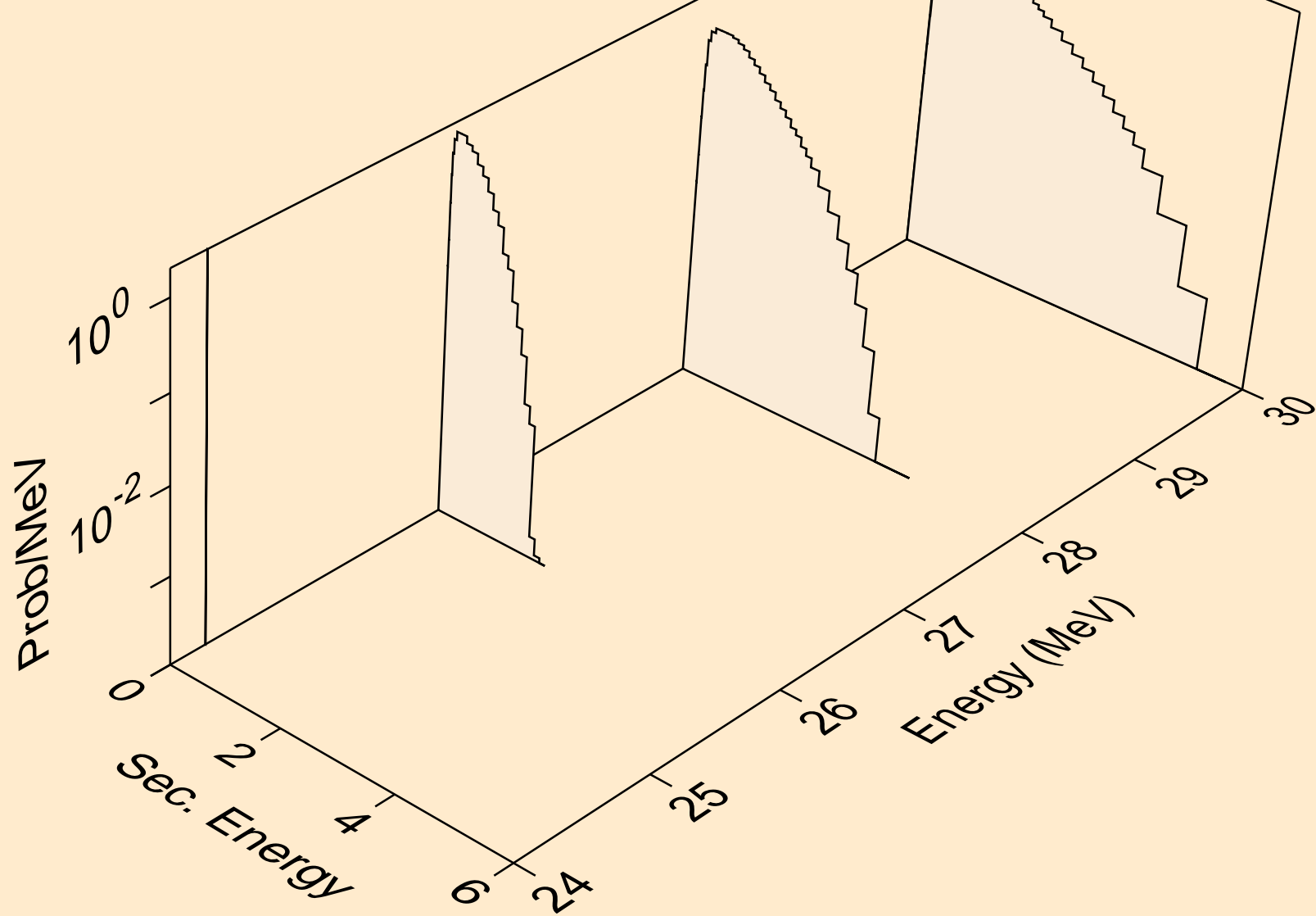
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



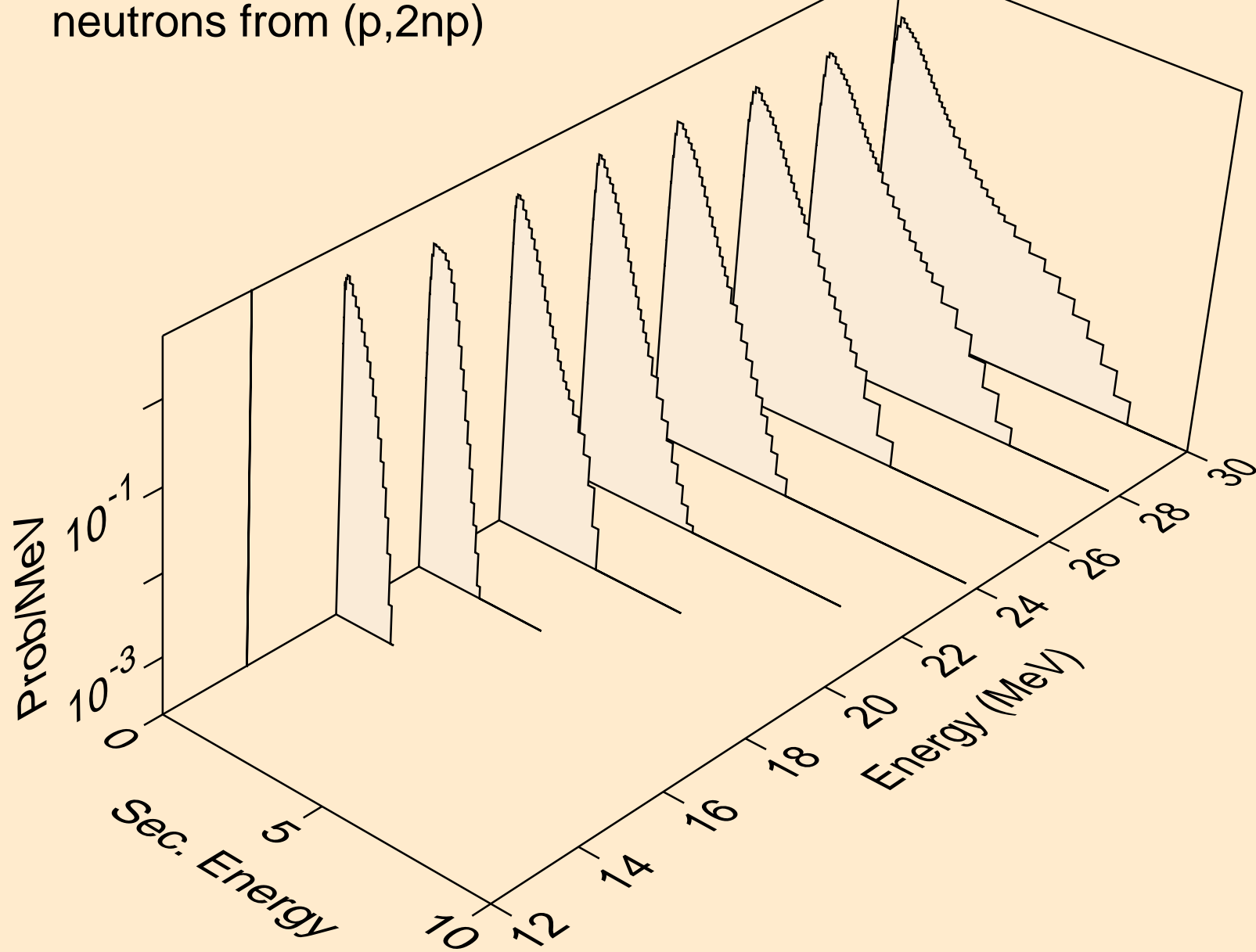
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



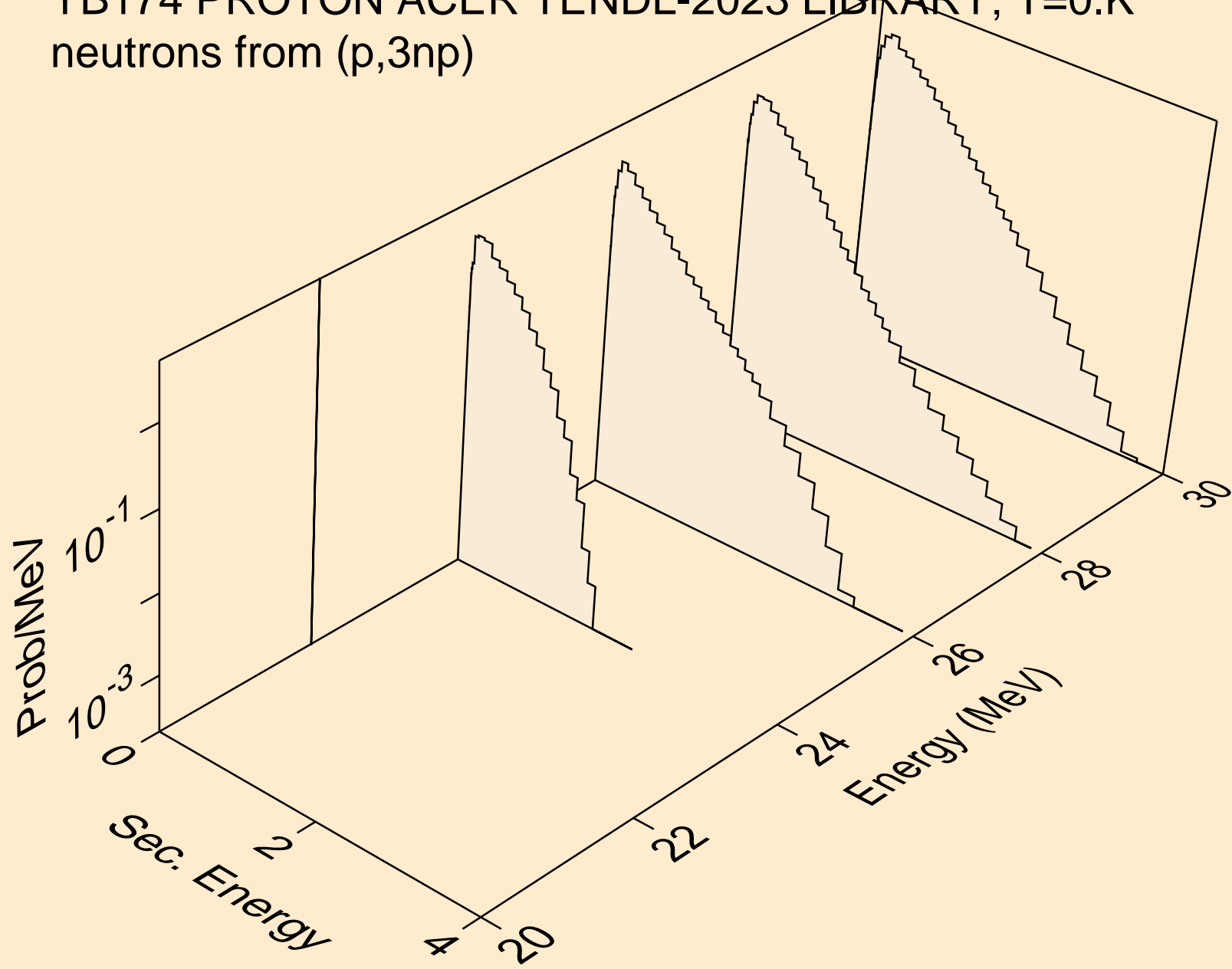
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



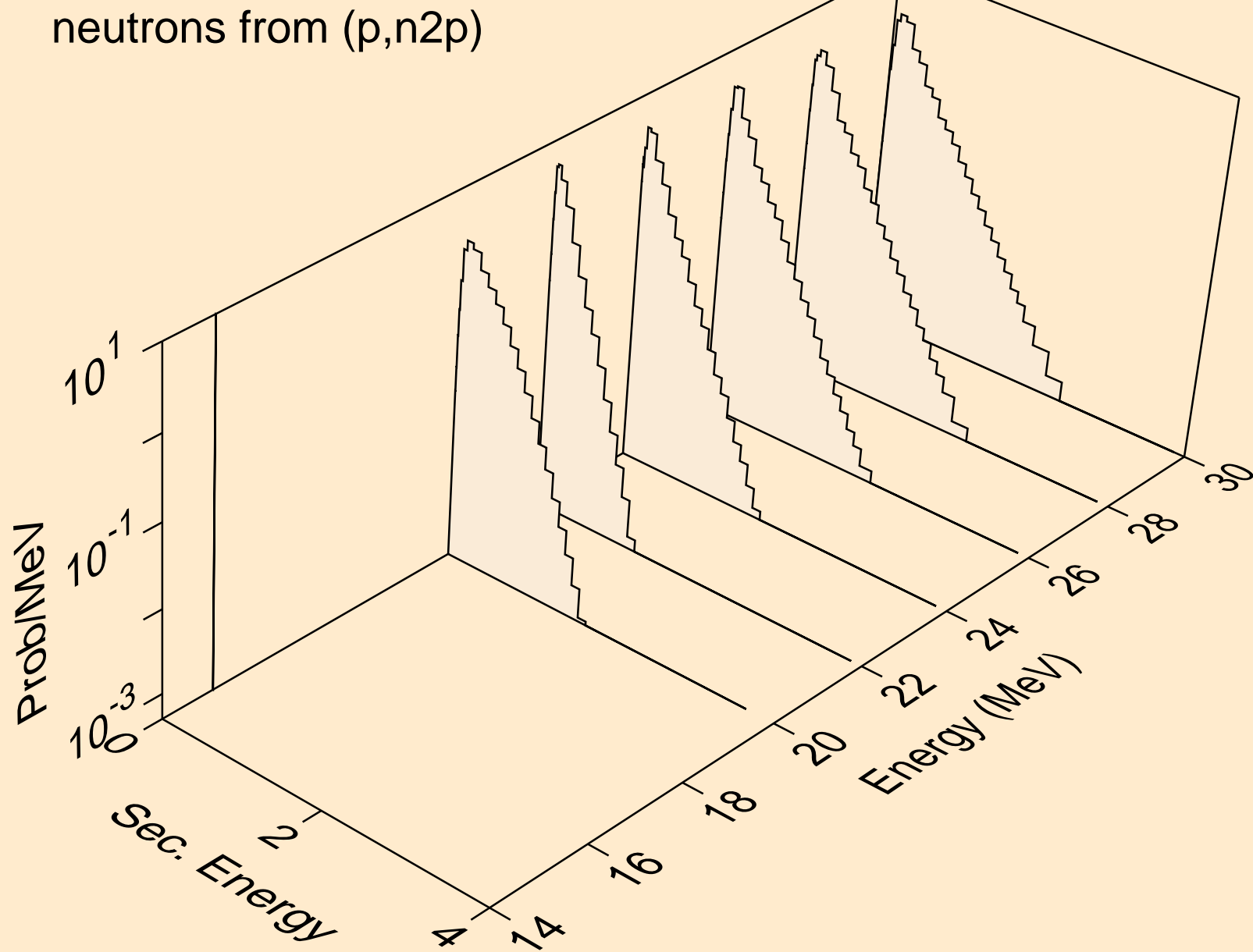
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



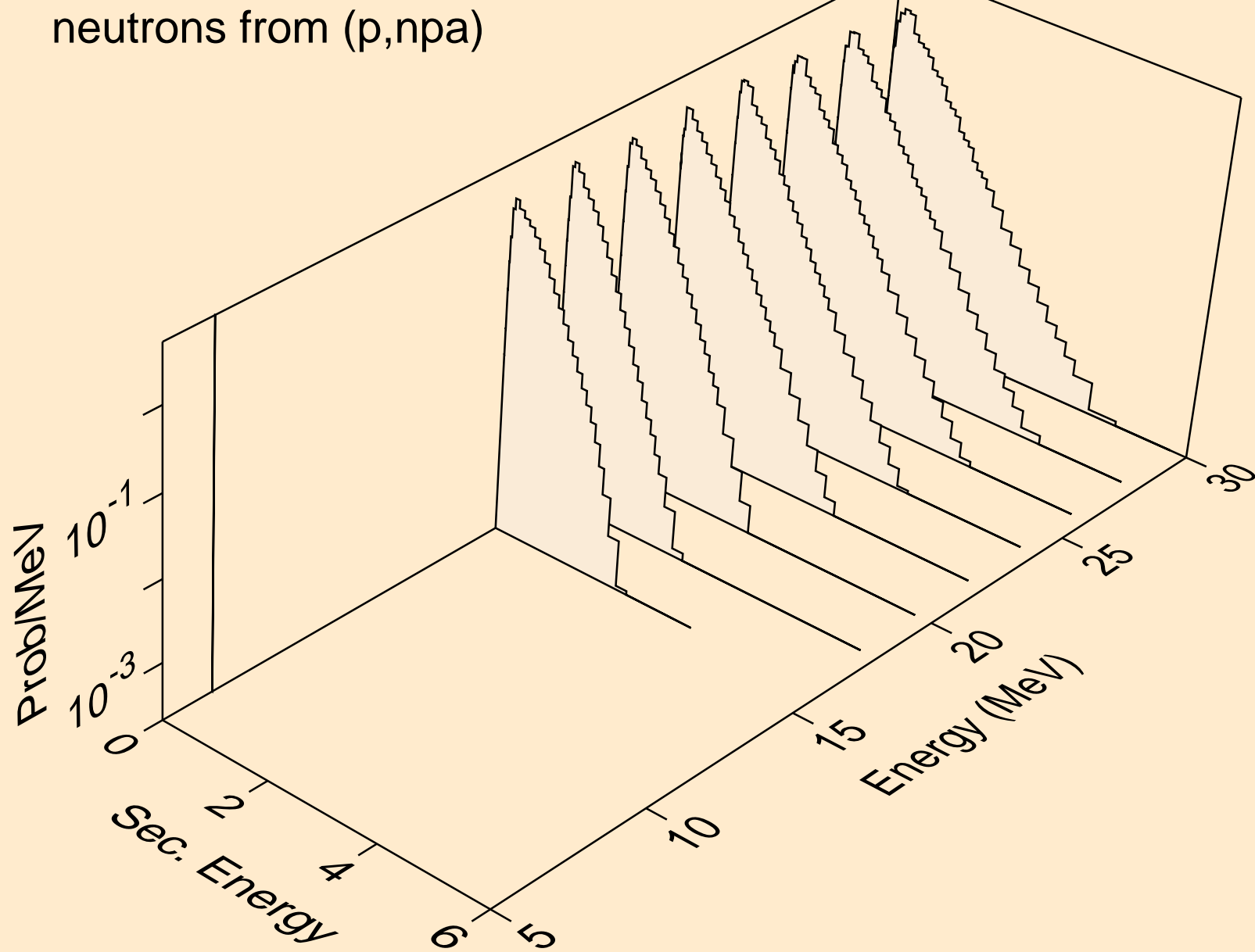
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



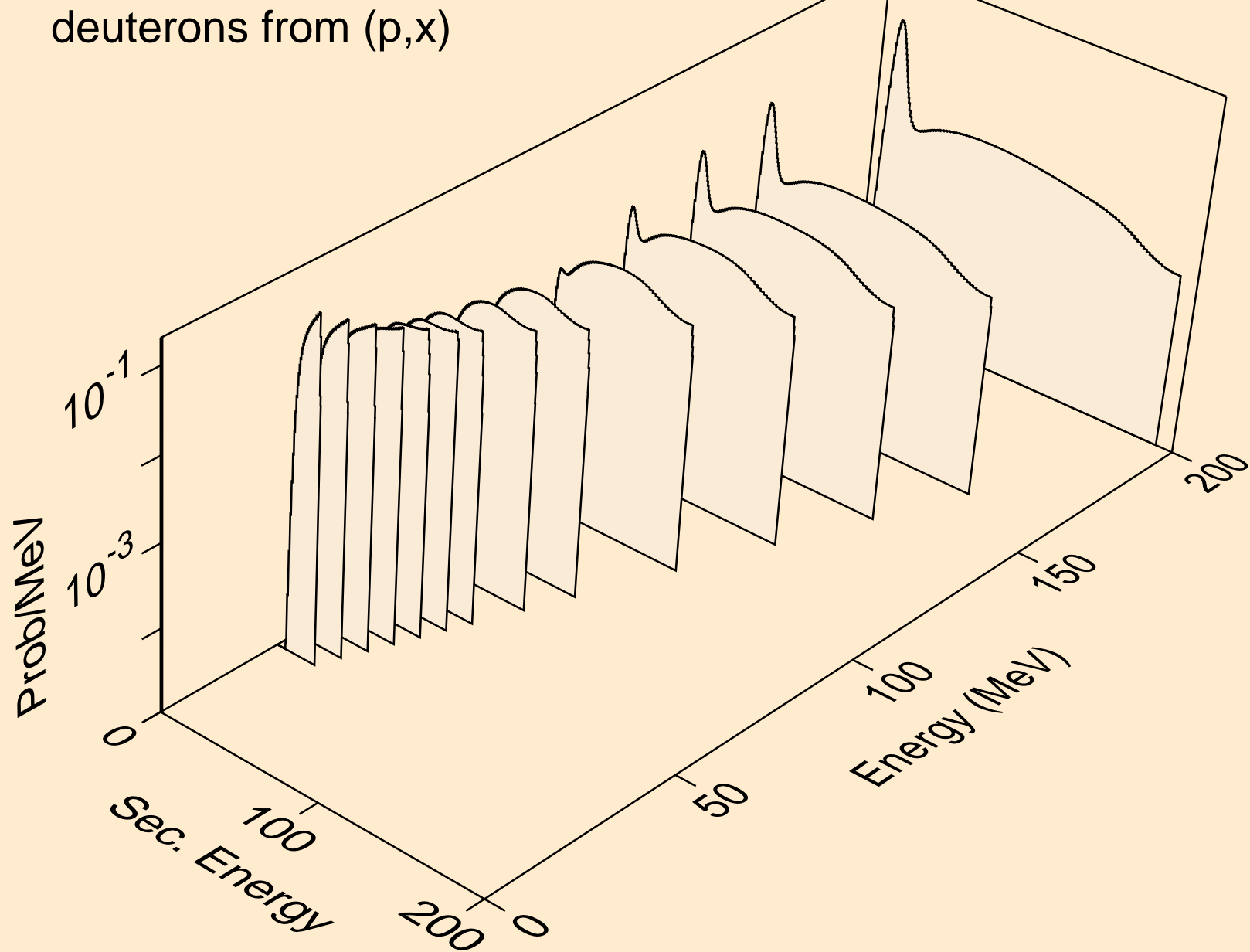
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)

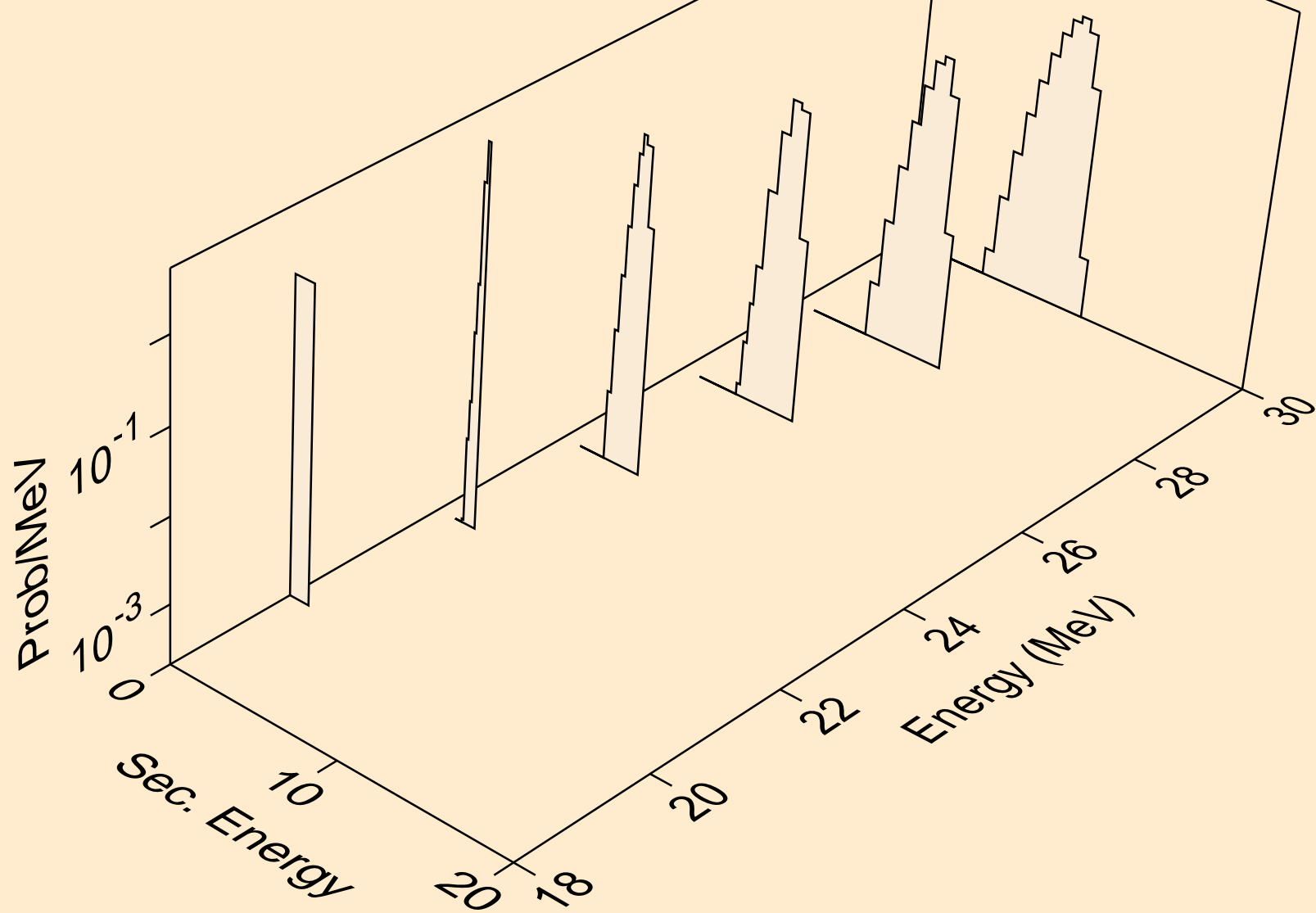


YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

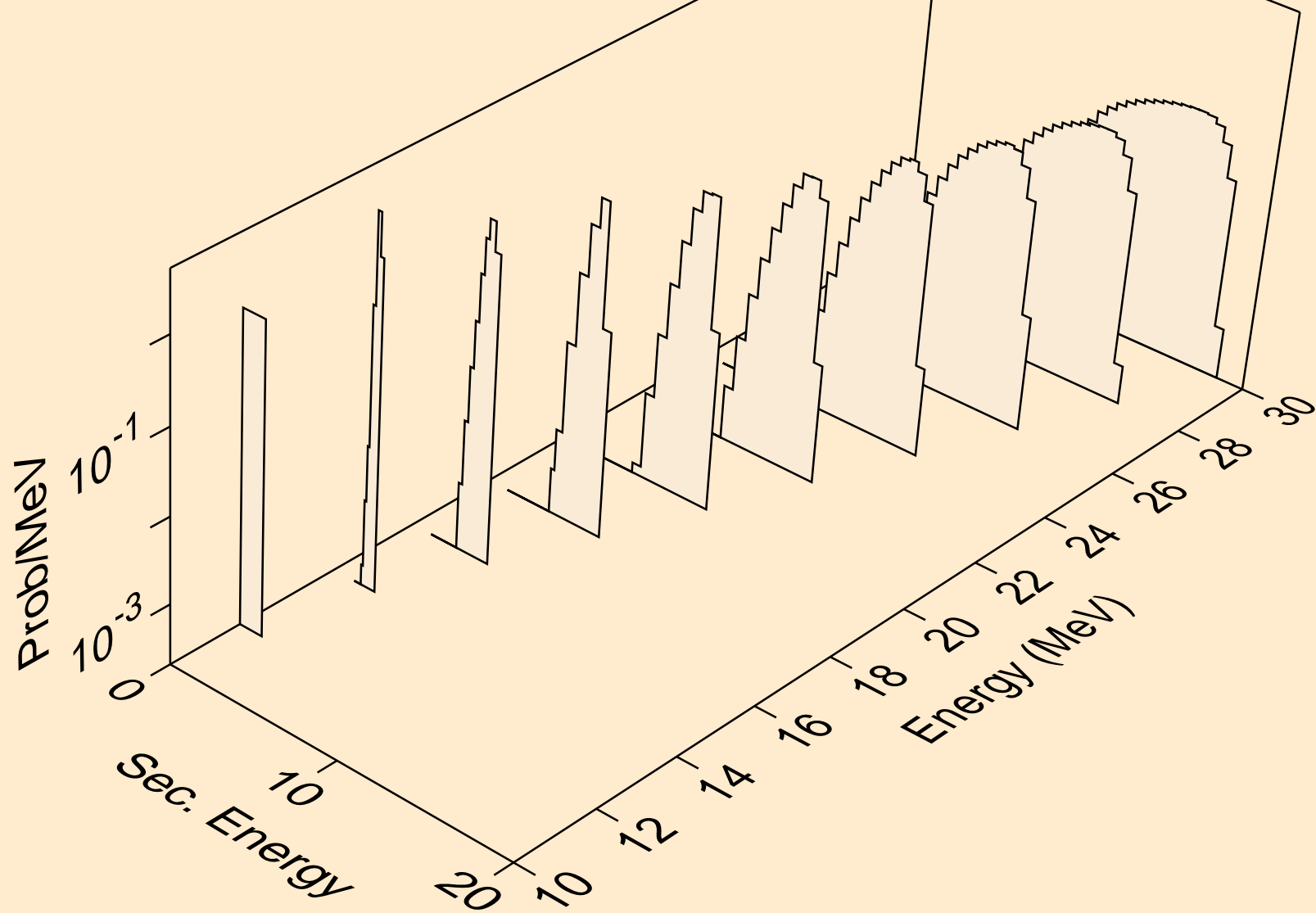




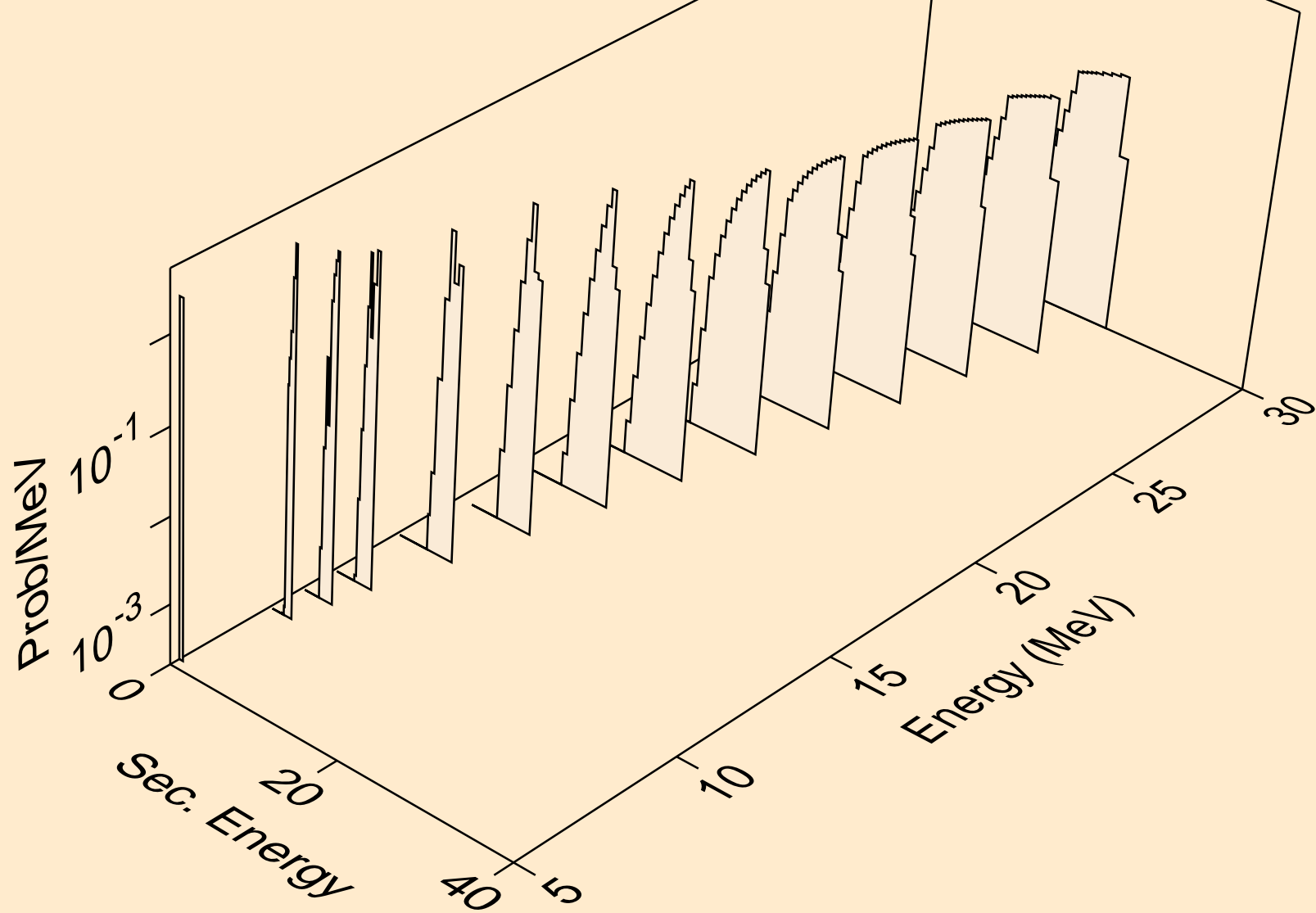
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



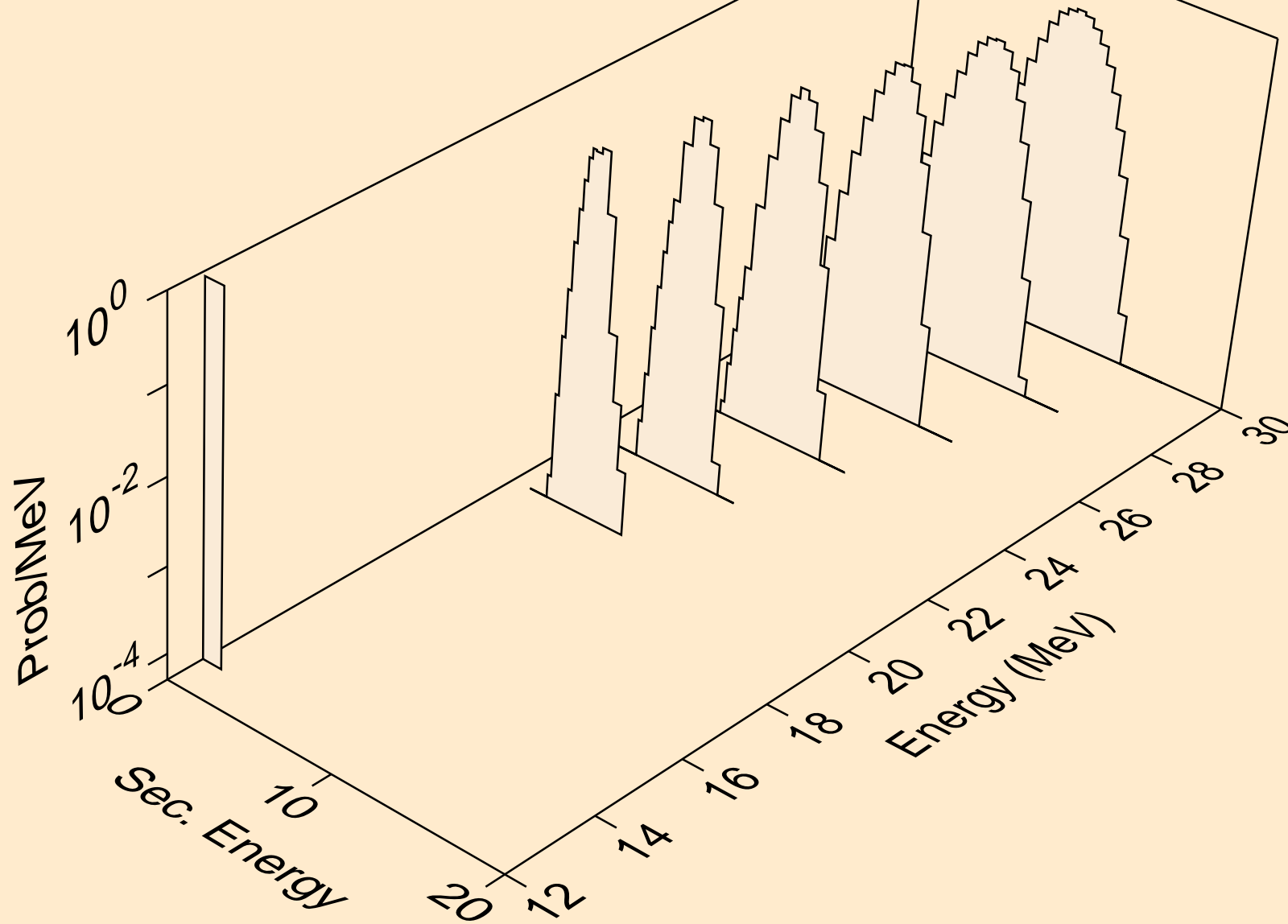
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



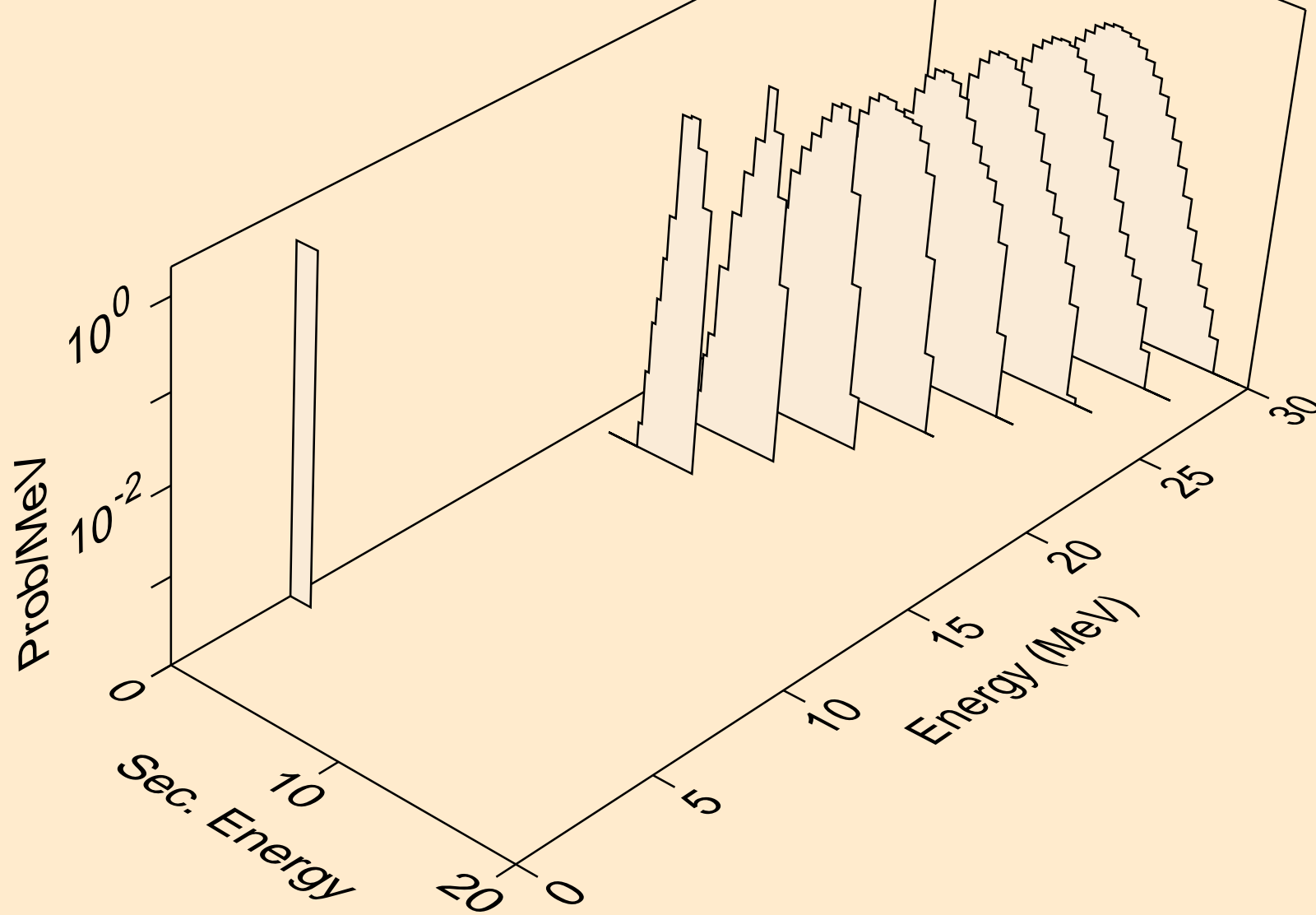
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



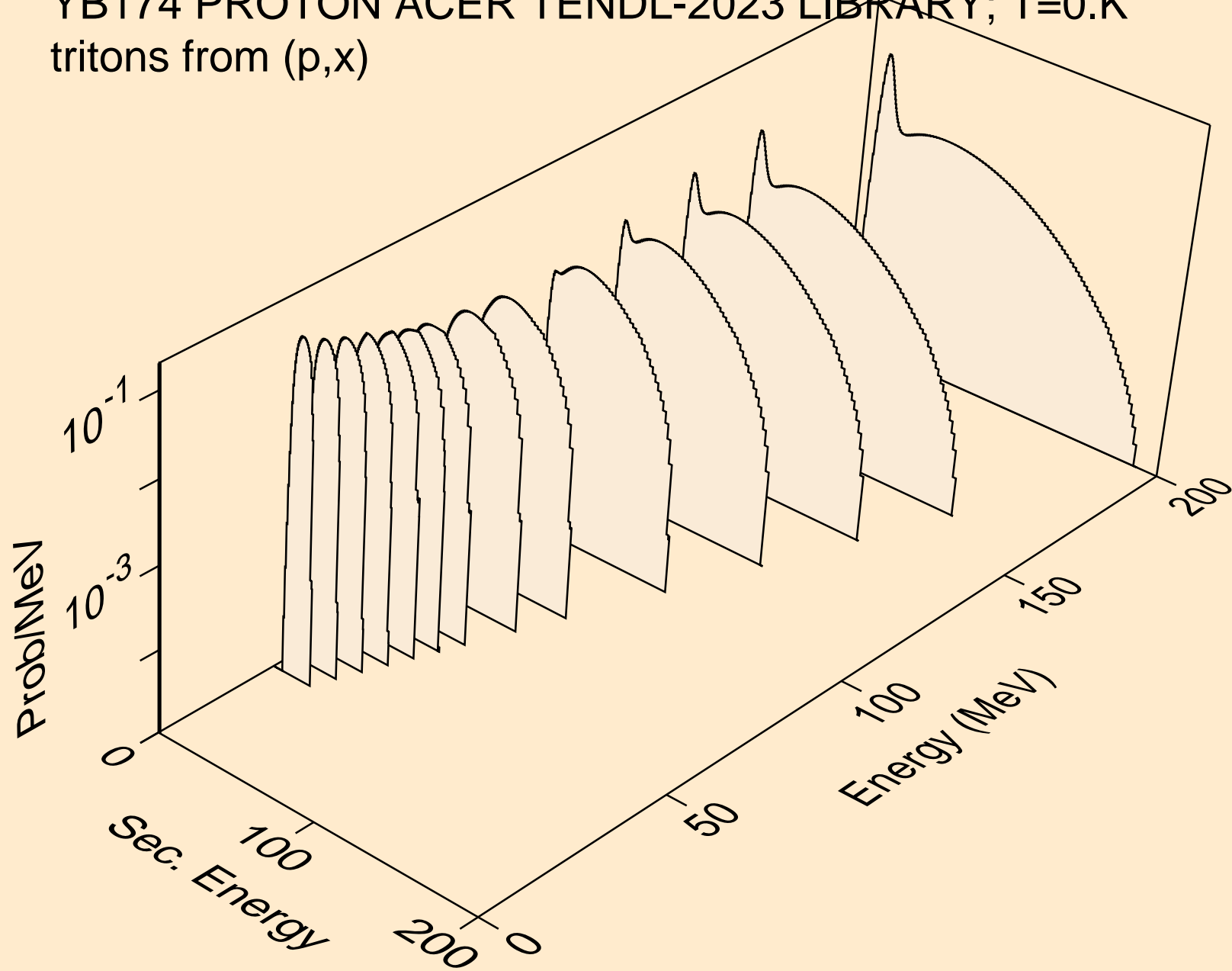
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



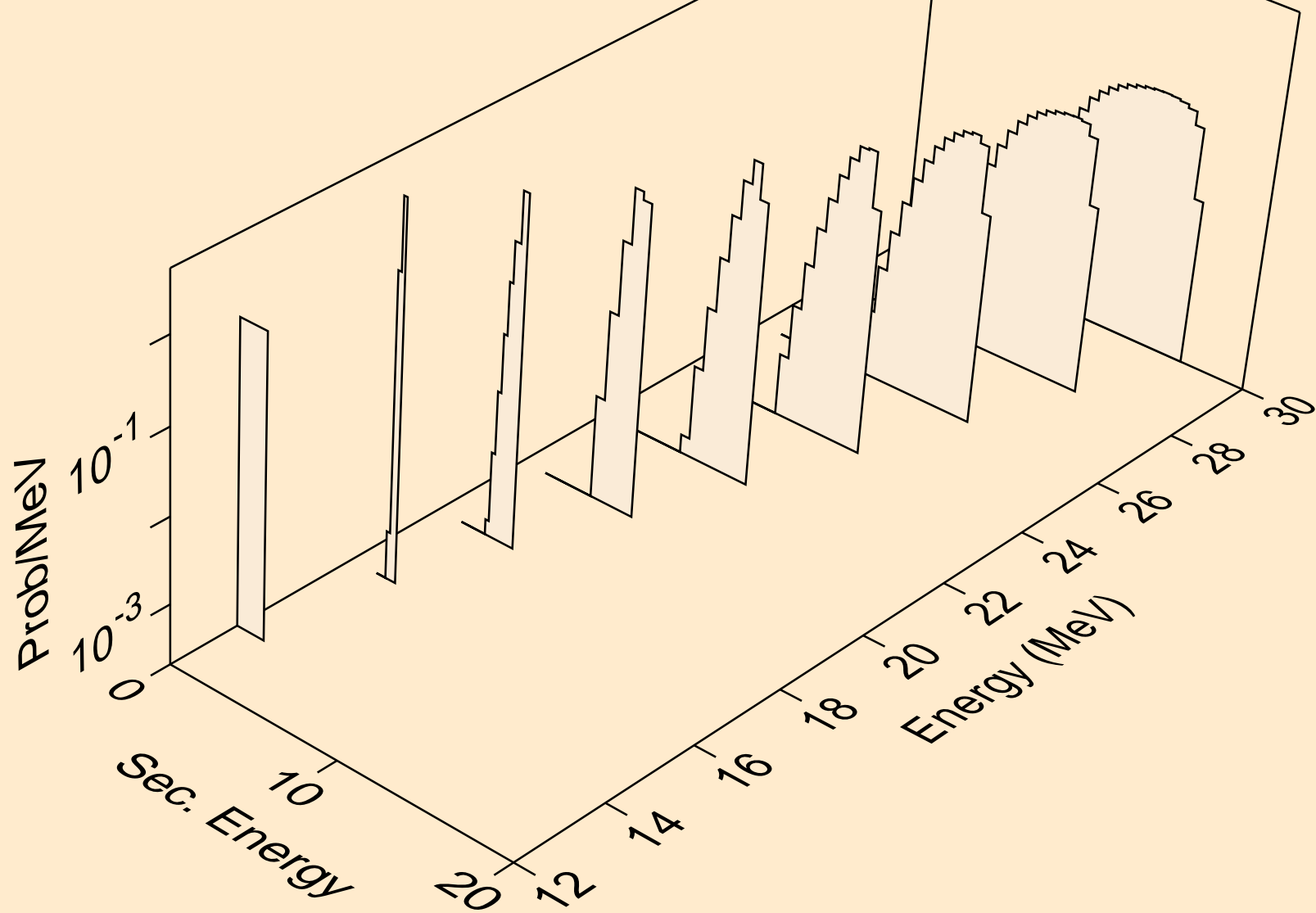
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



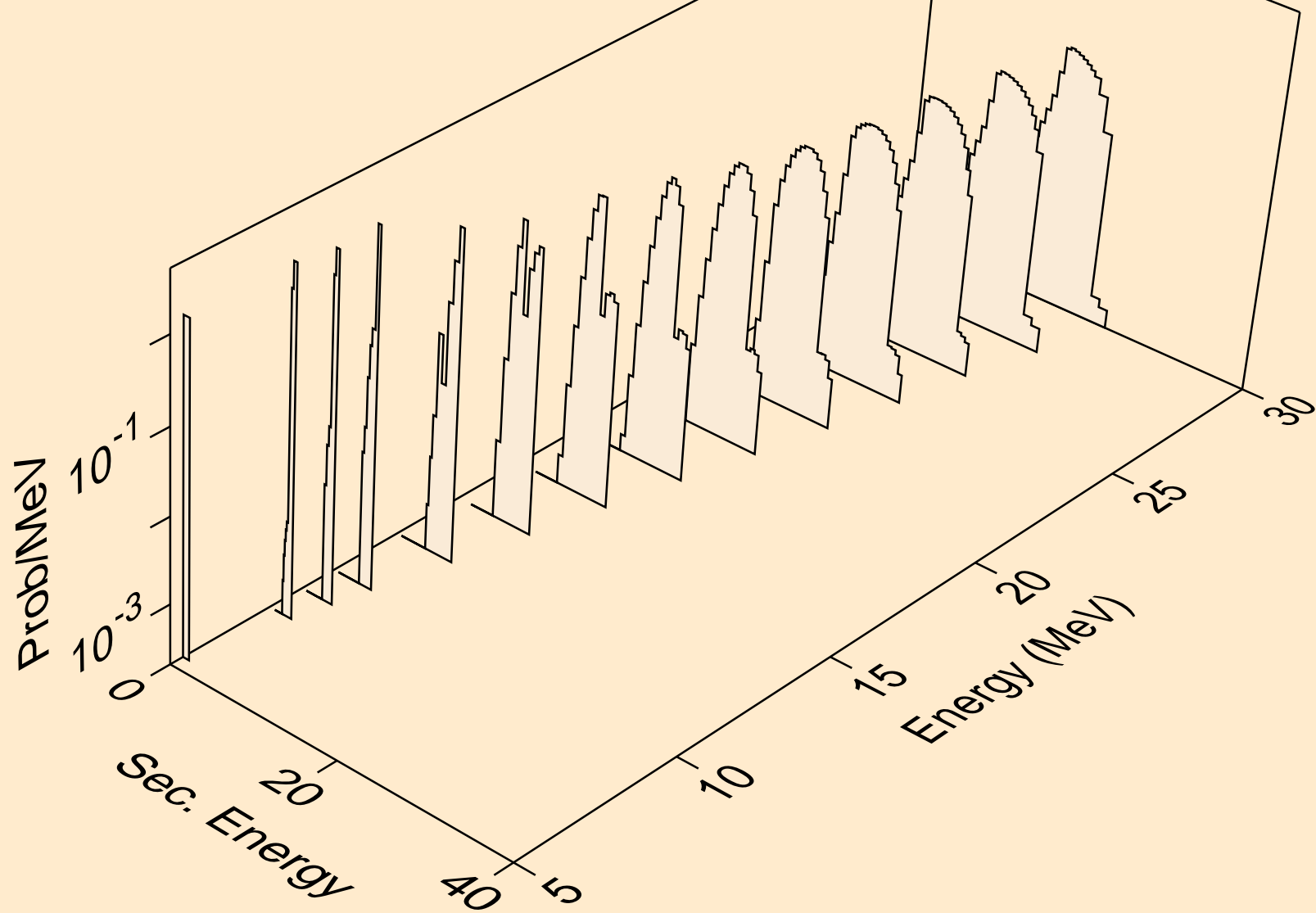
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

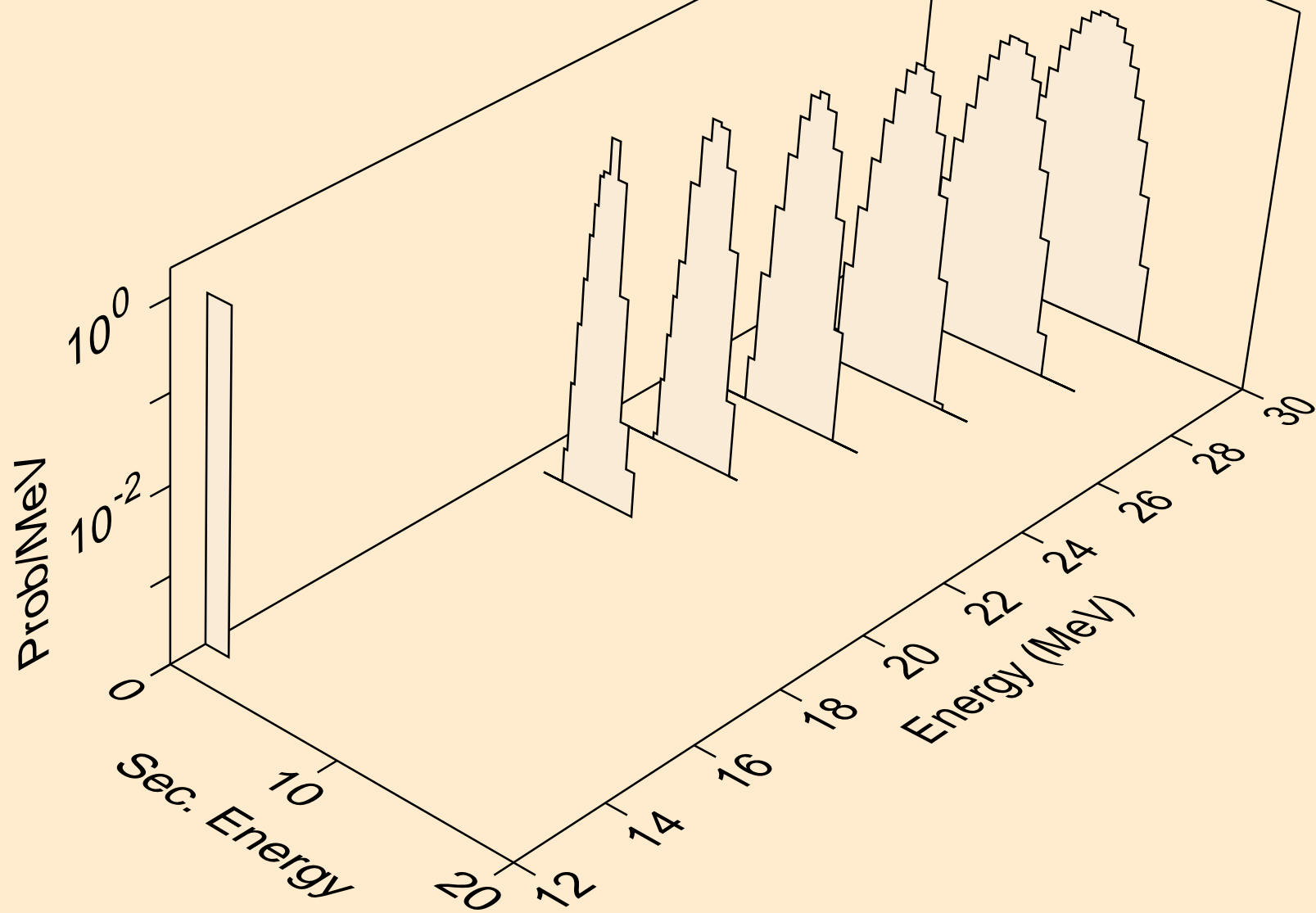


YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

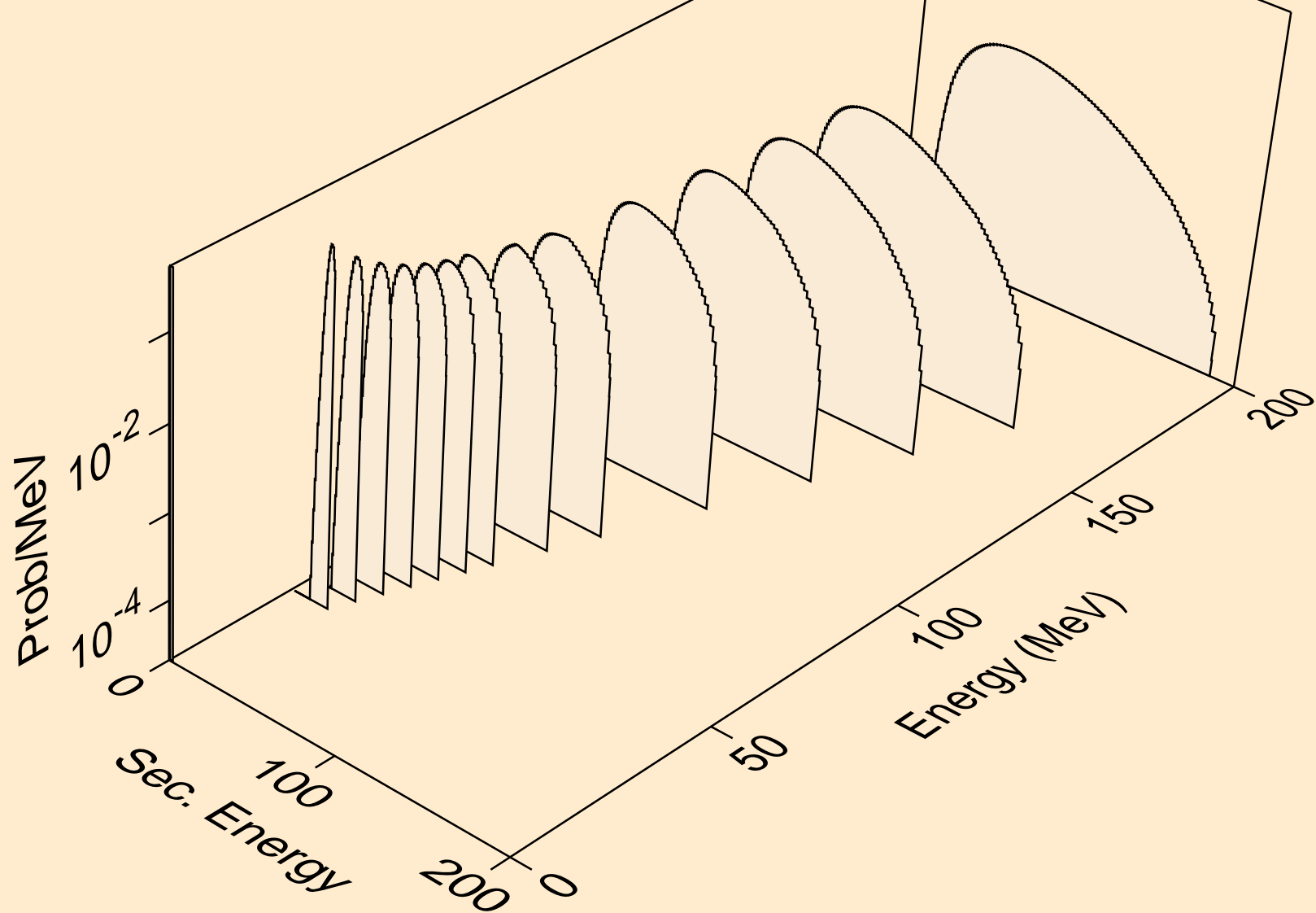




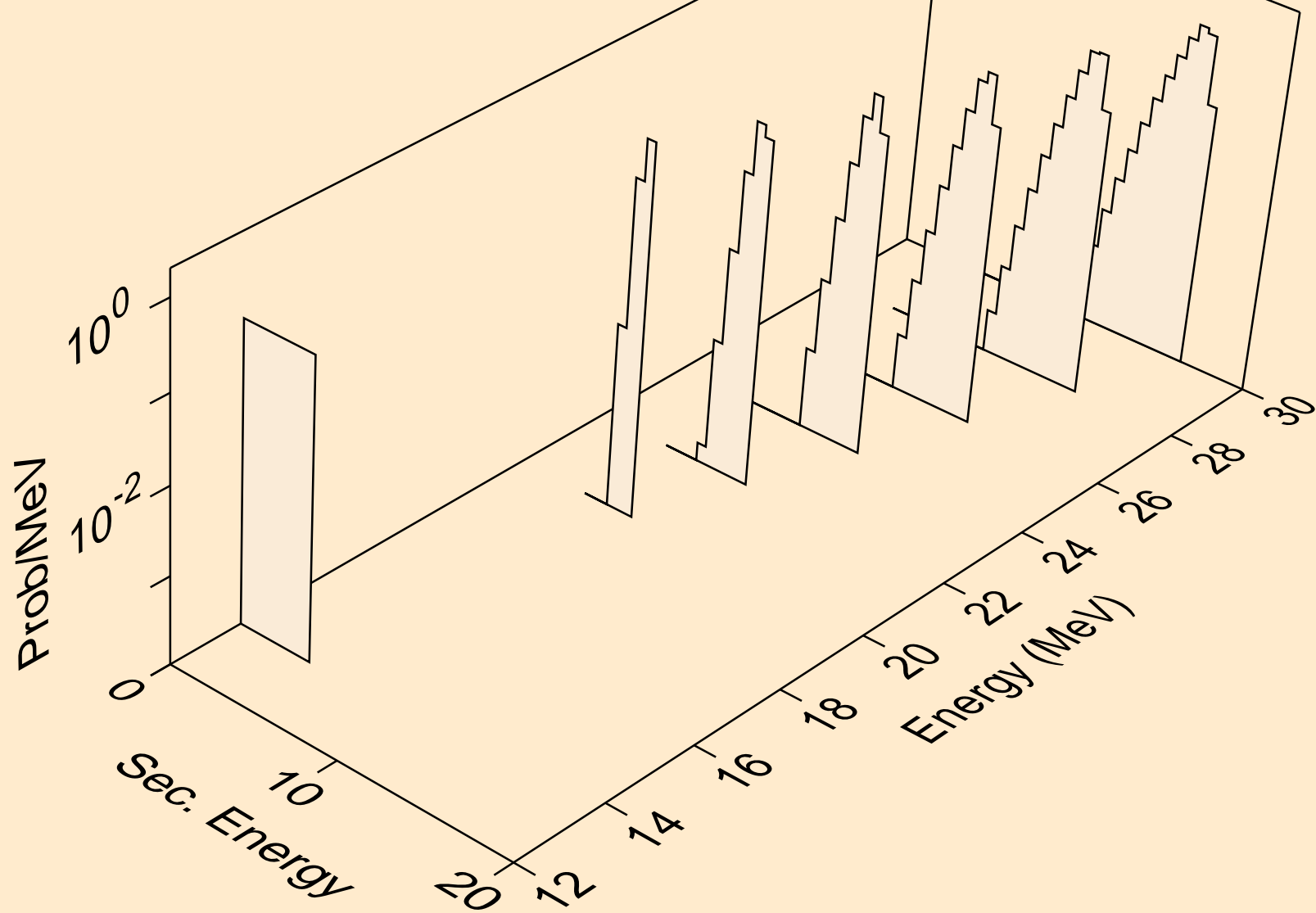
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



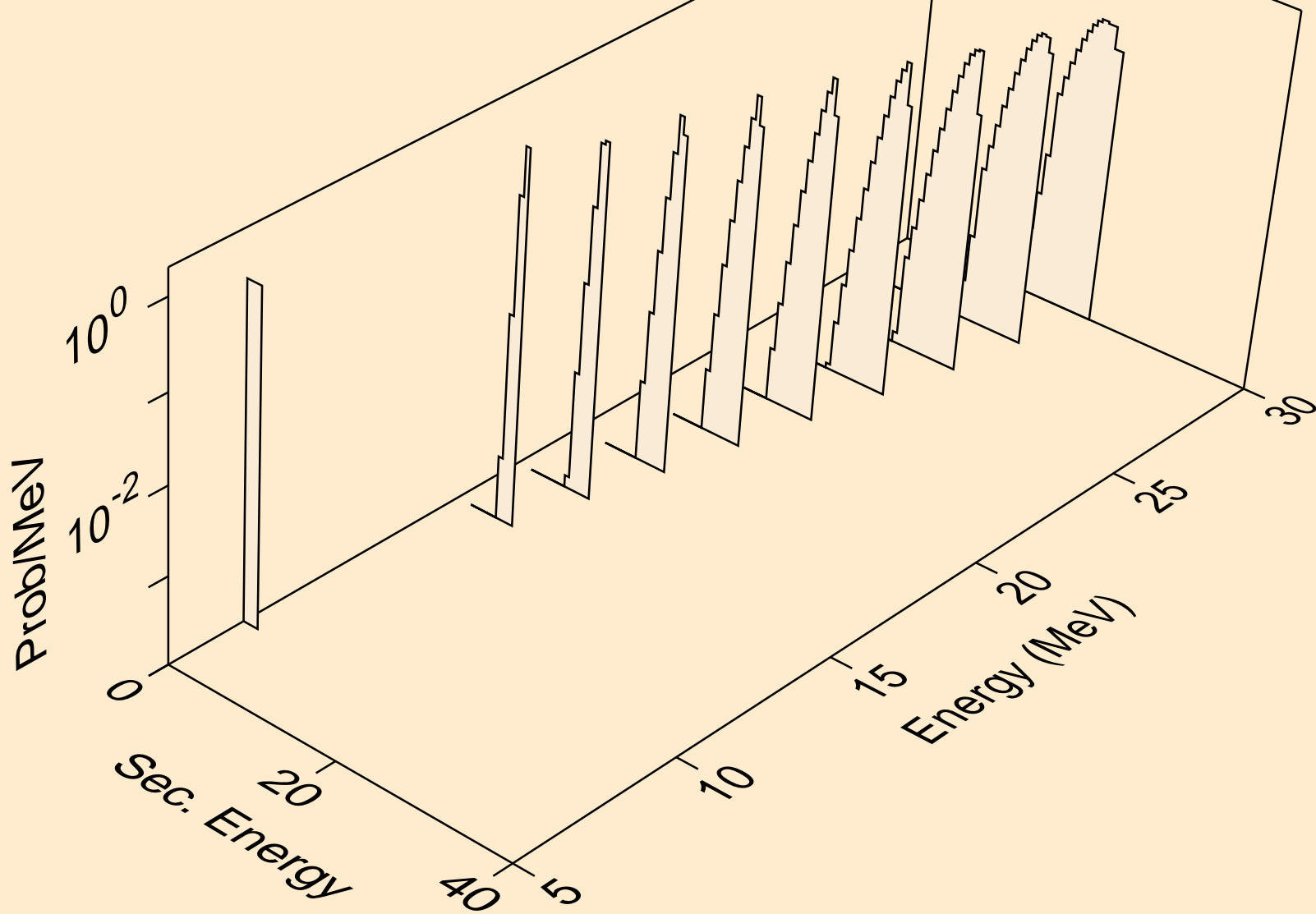
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



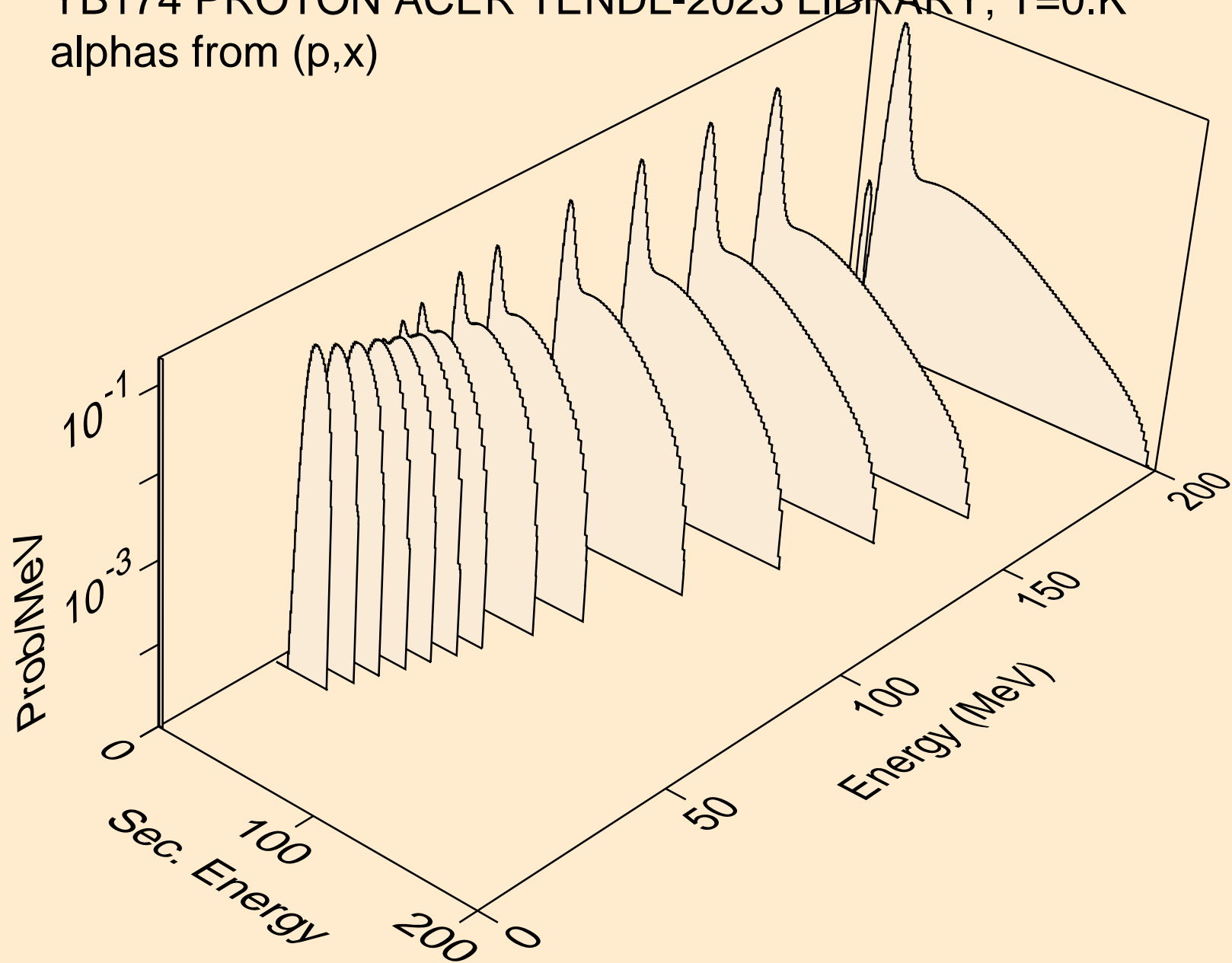
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



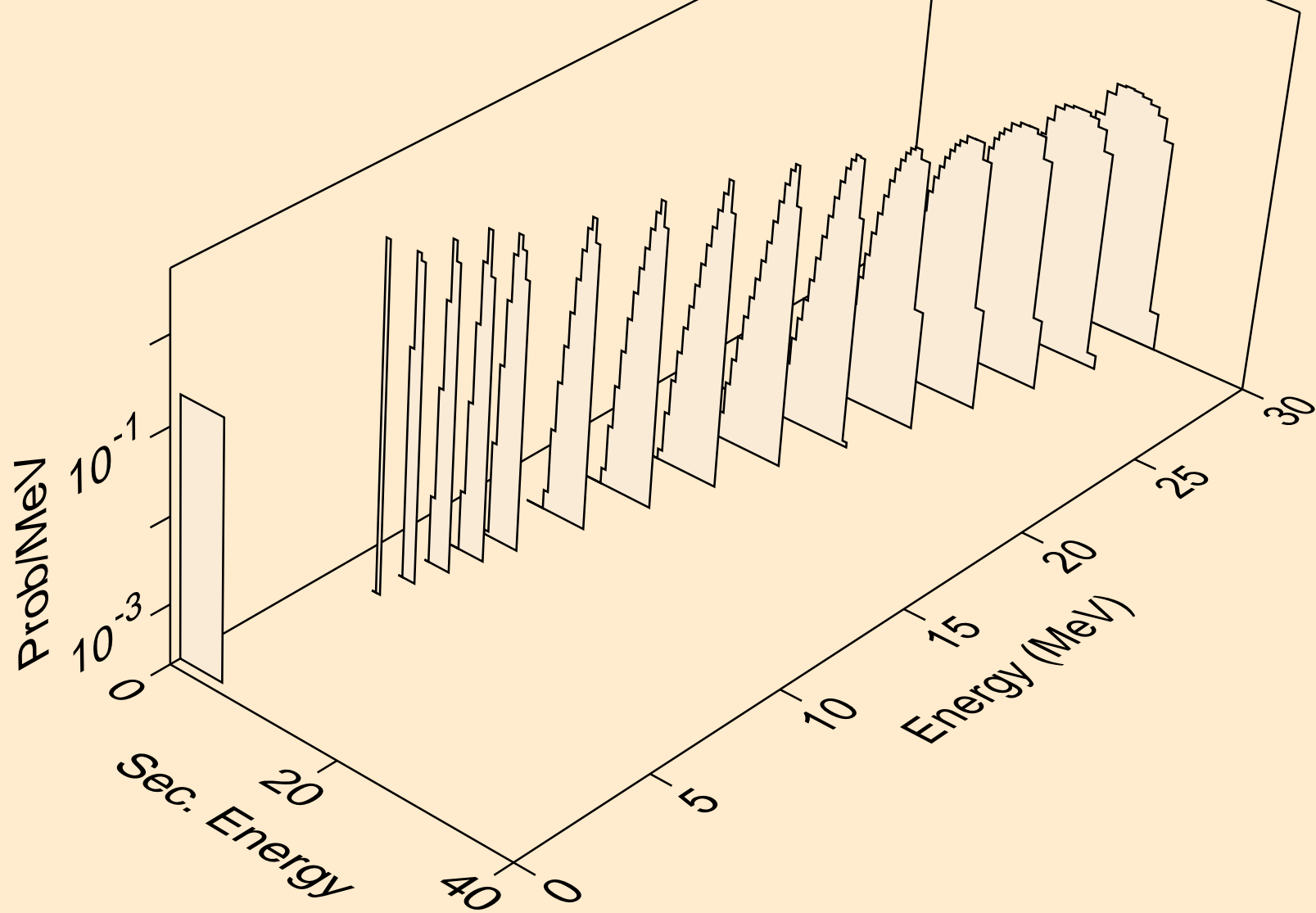
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



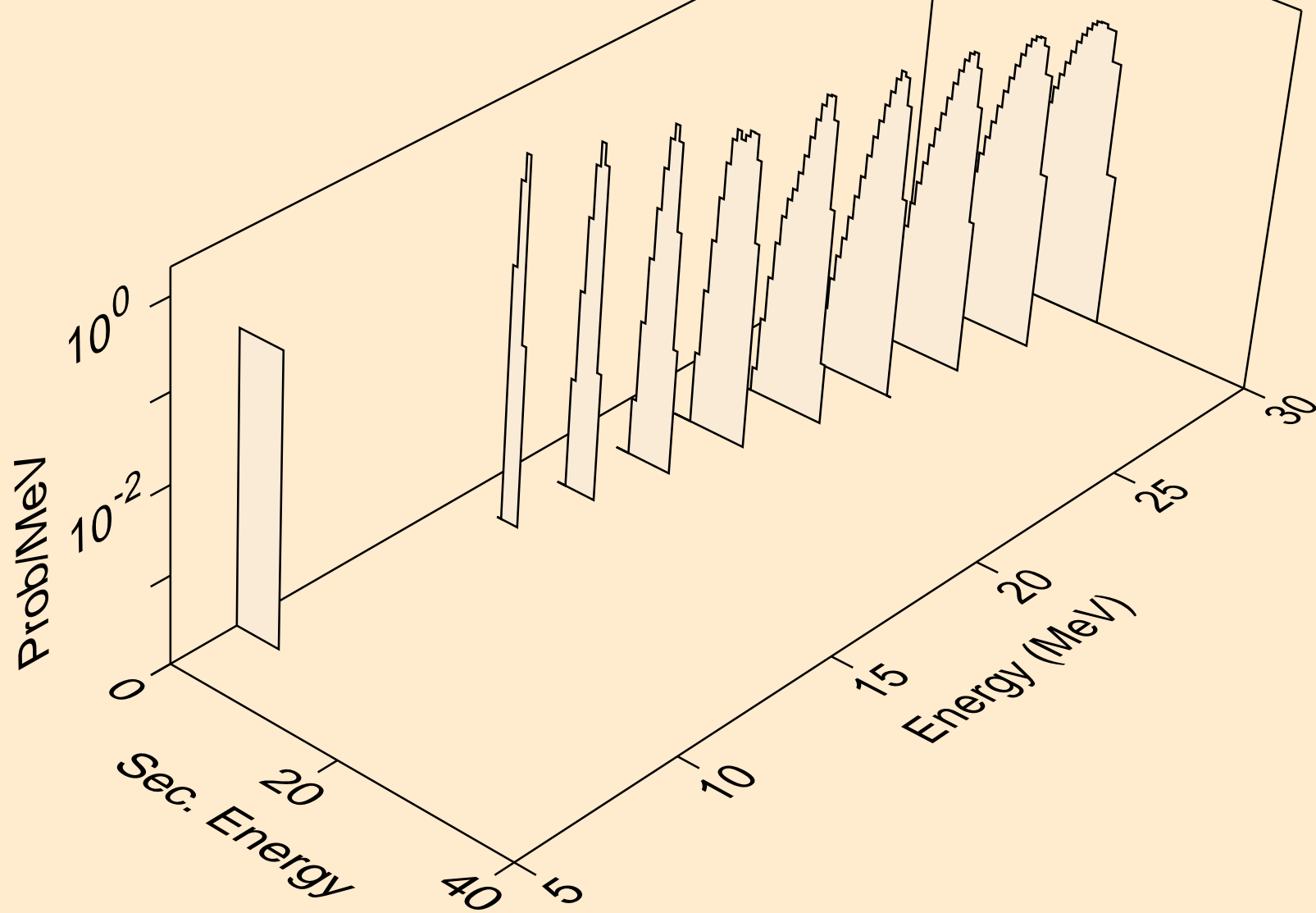
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



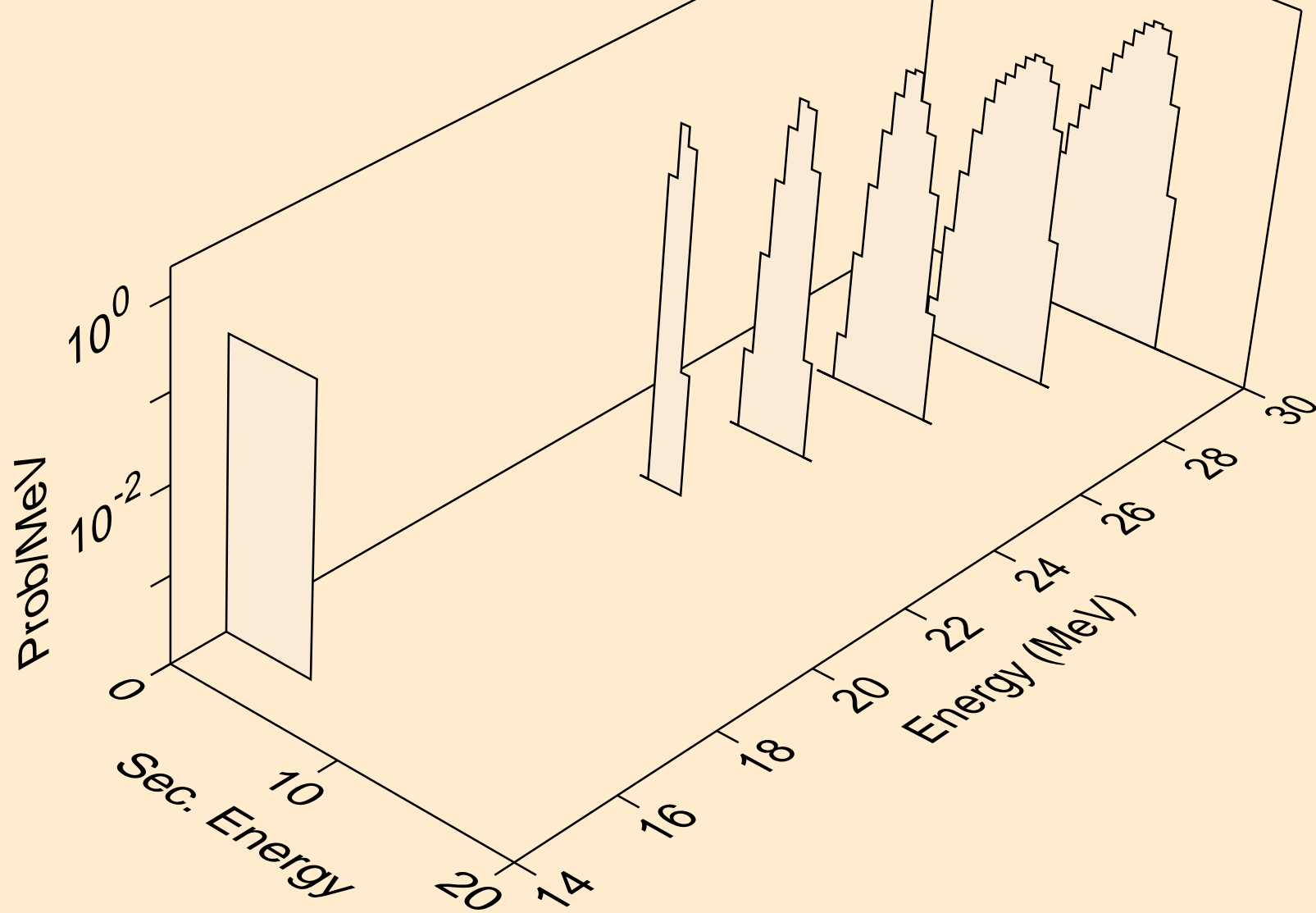
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

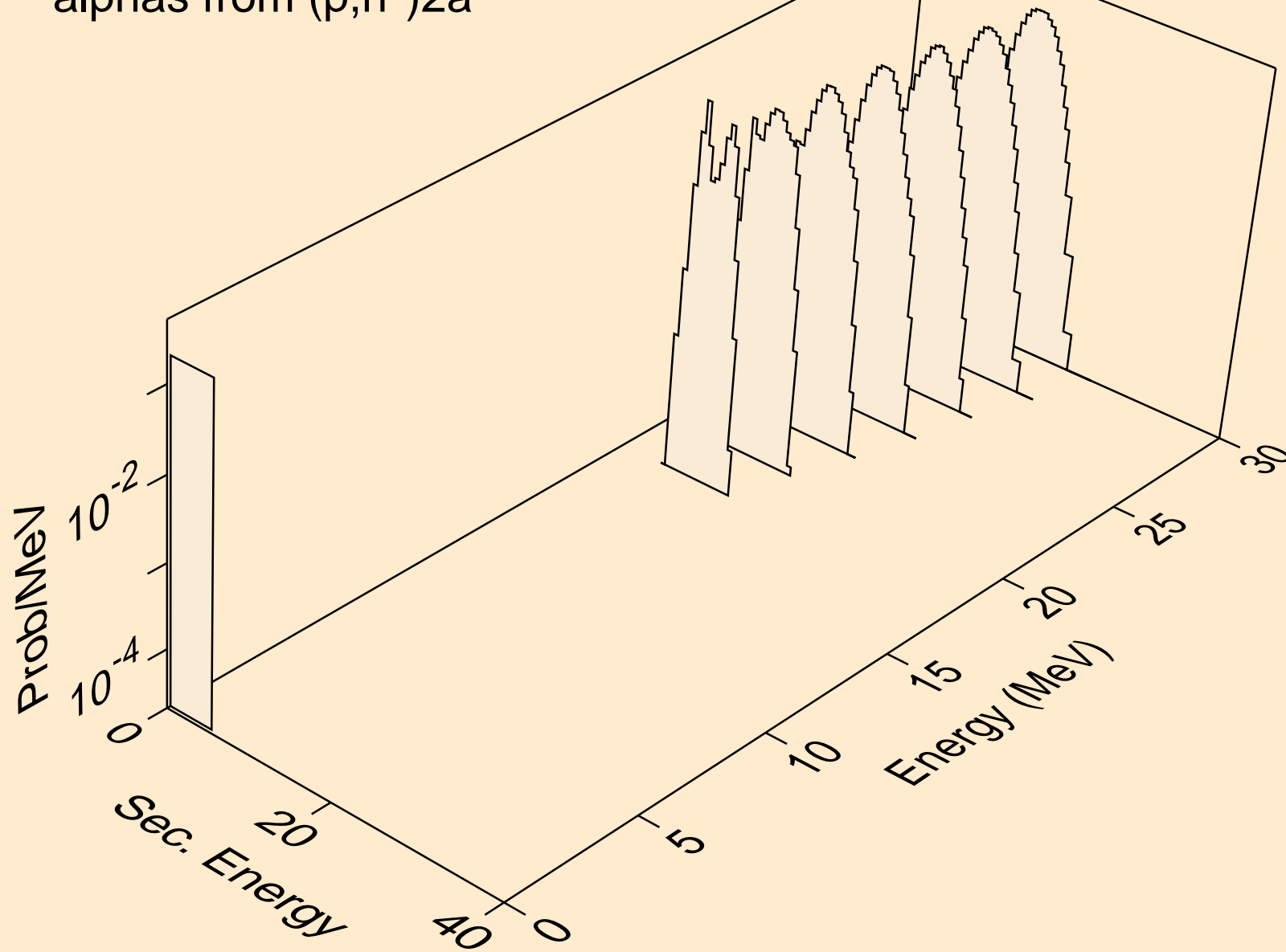


YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

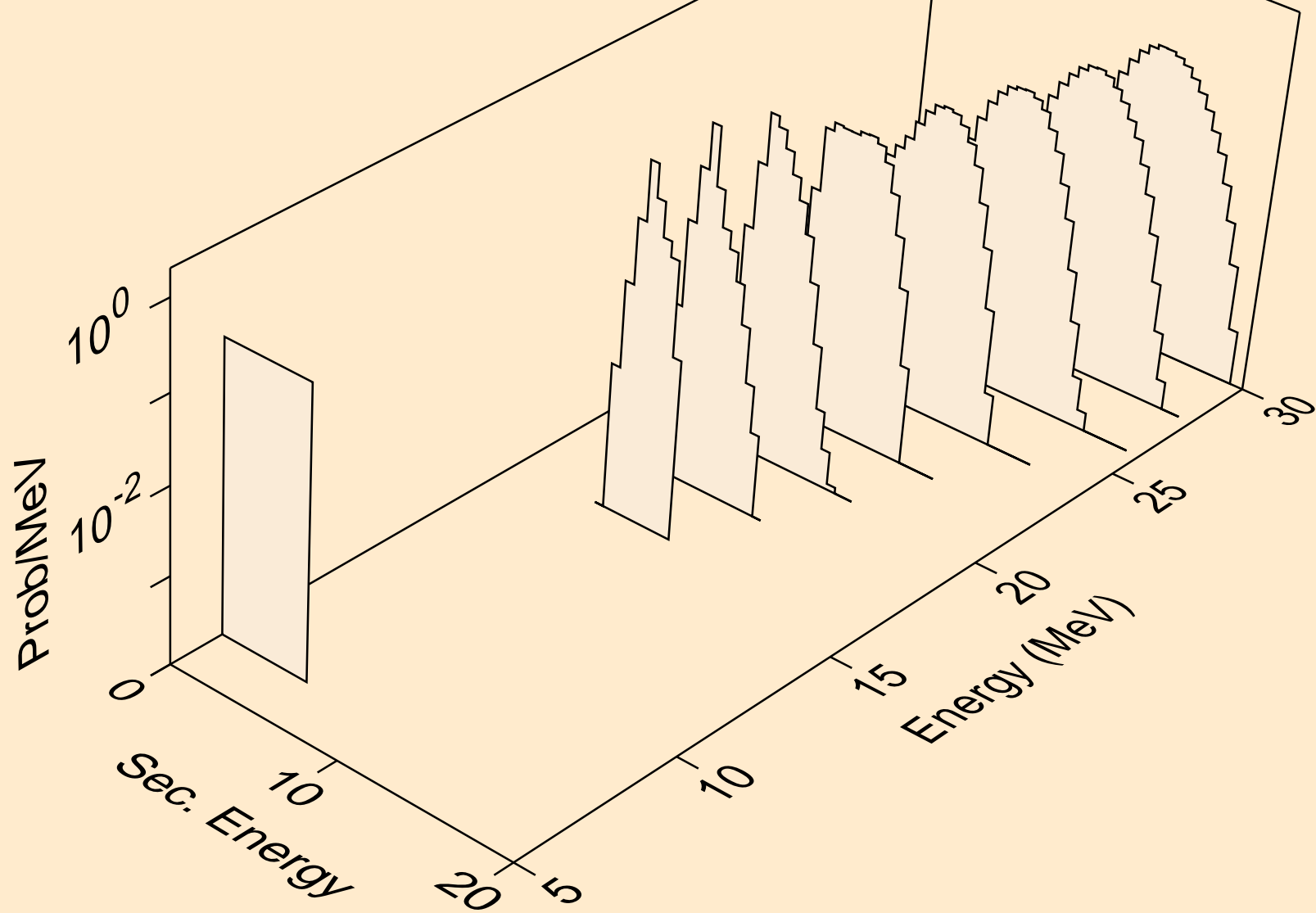




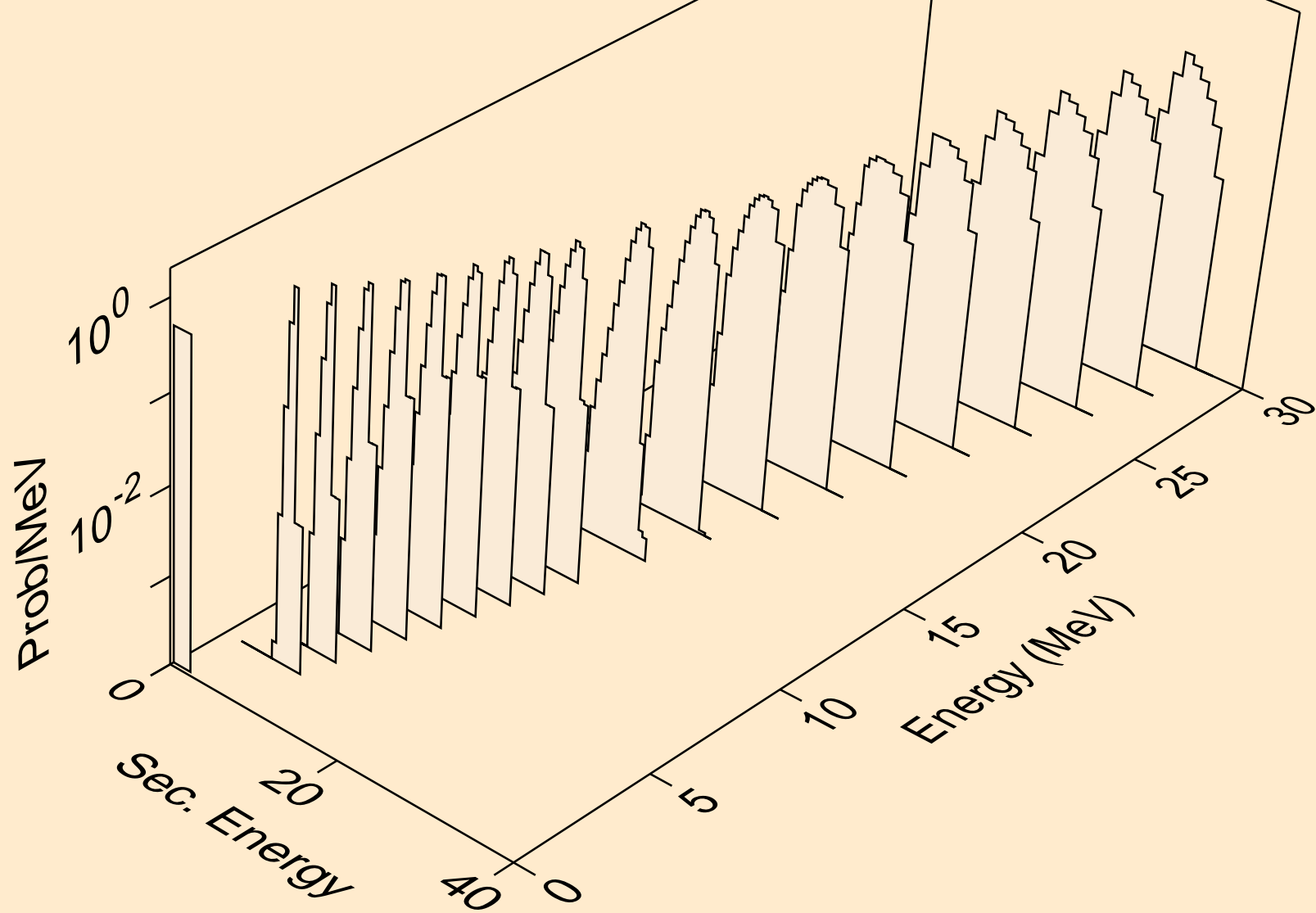
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



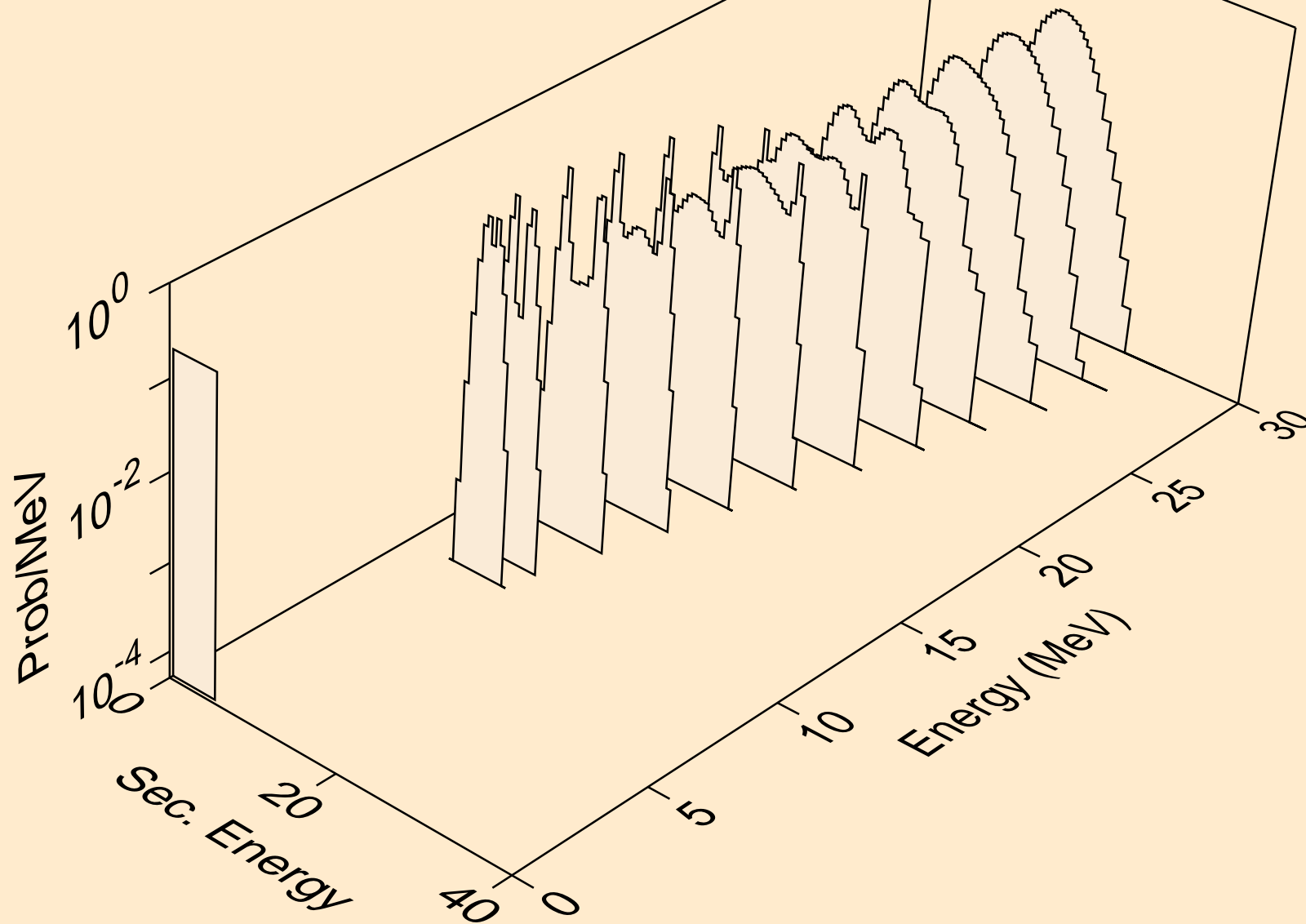
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



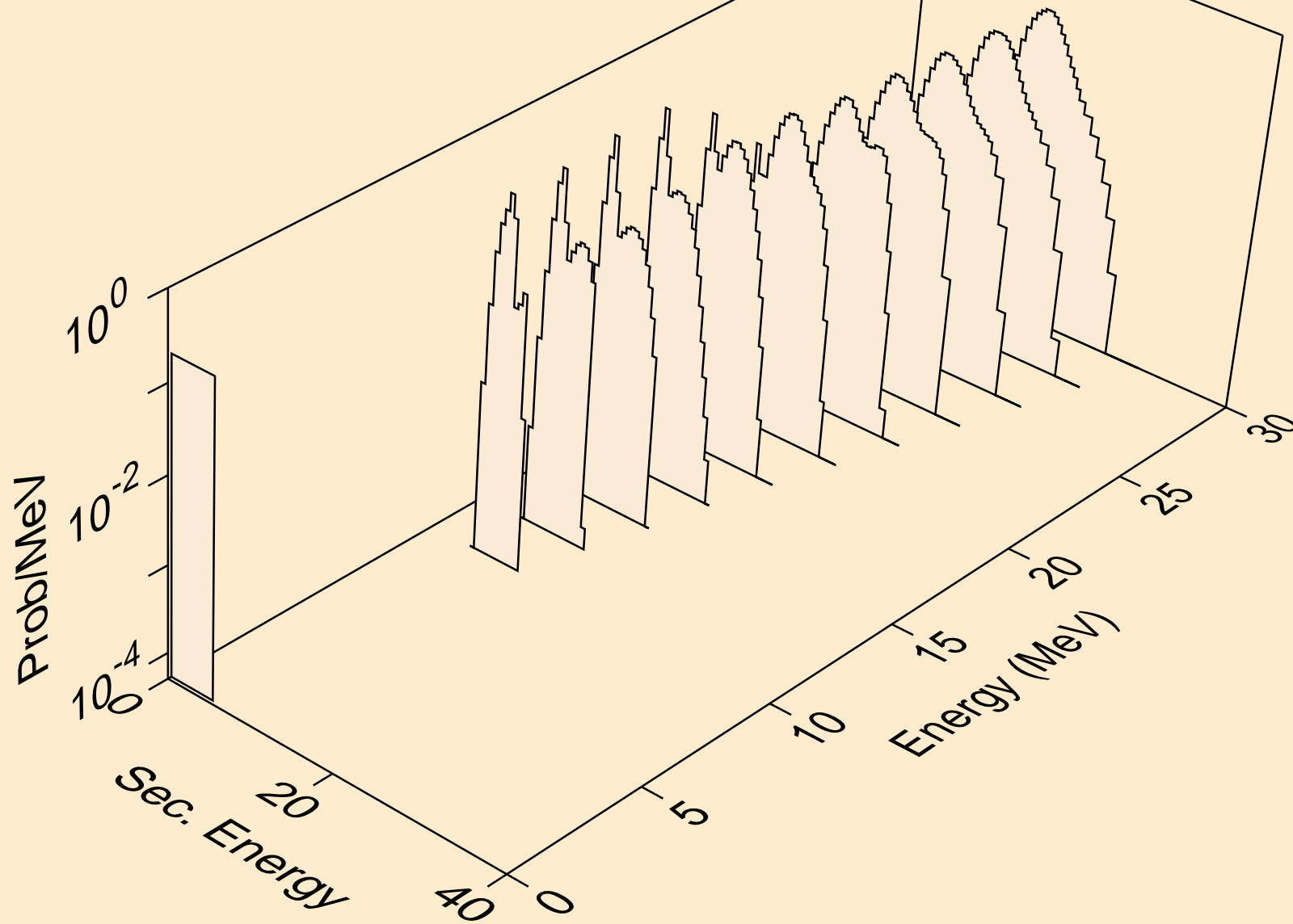
YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



YB174 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

