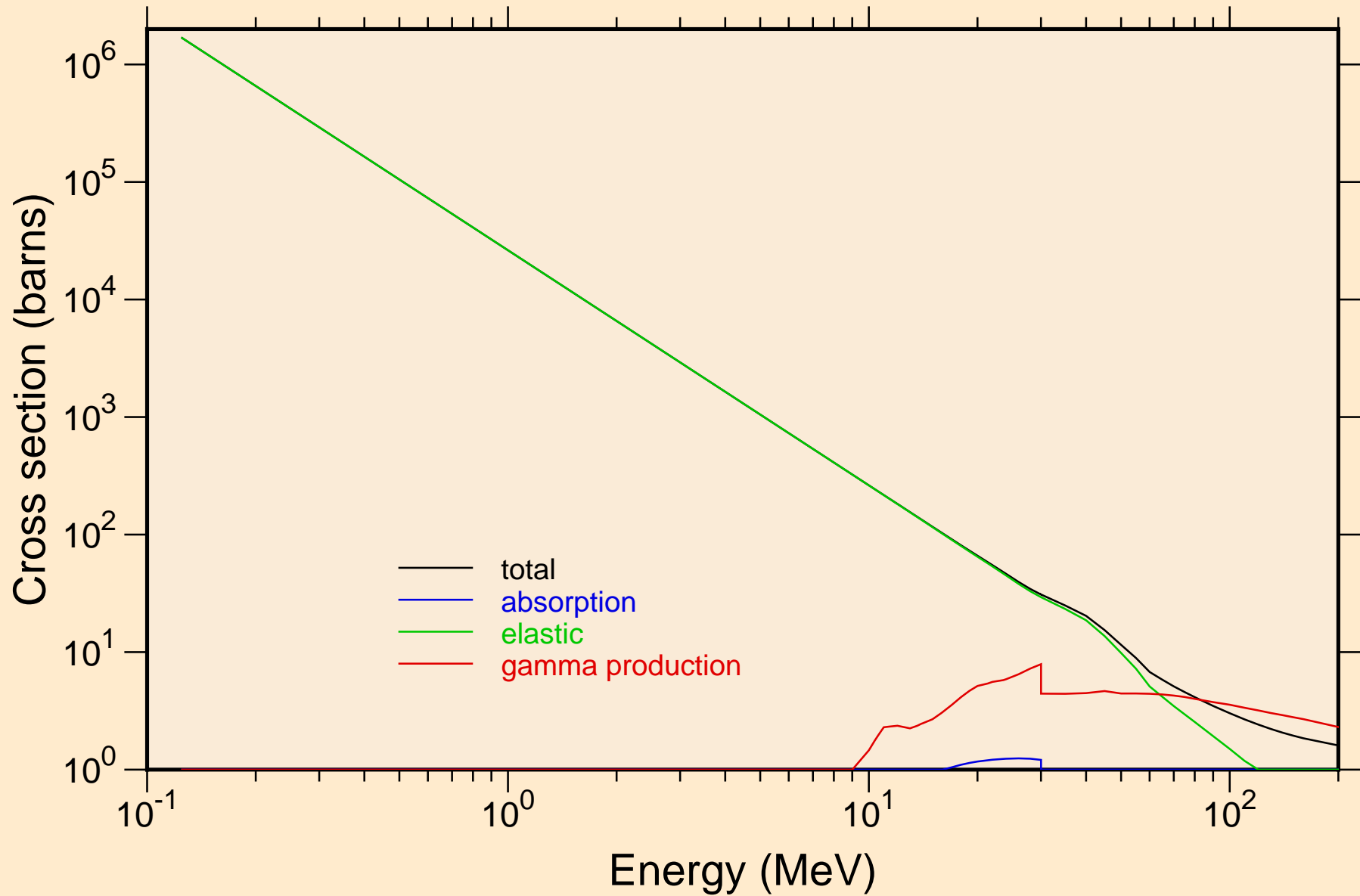


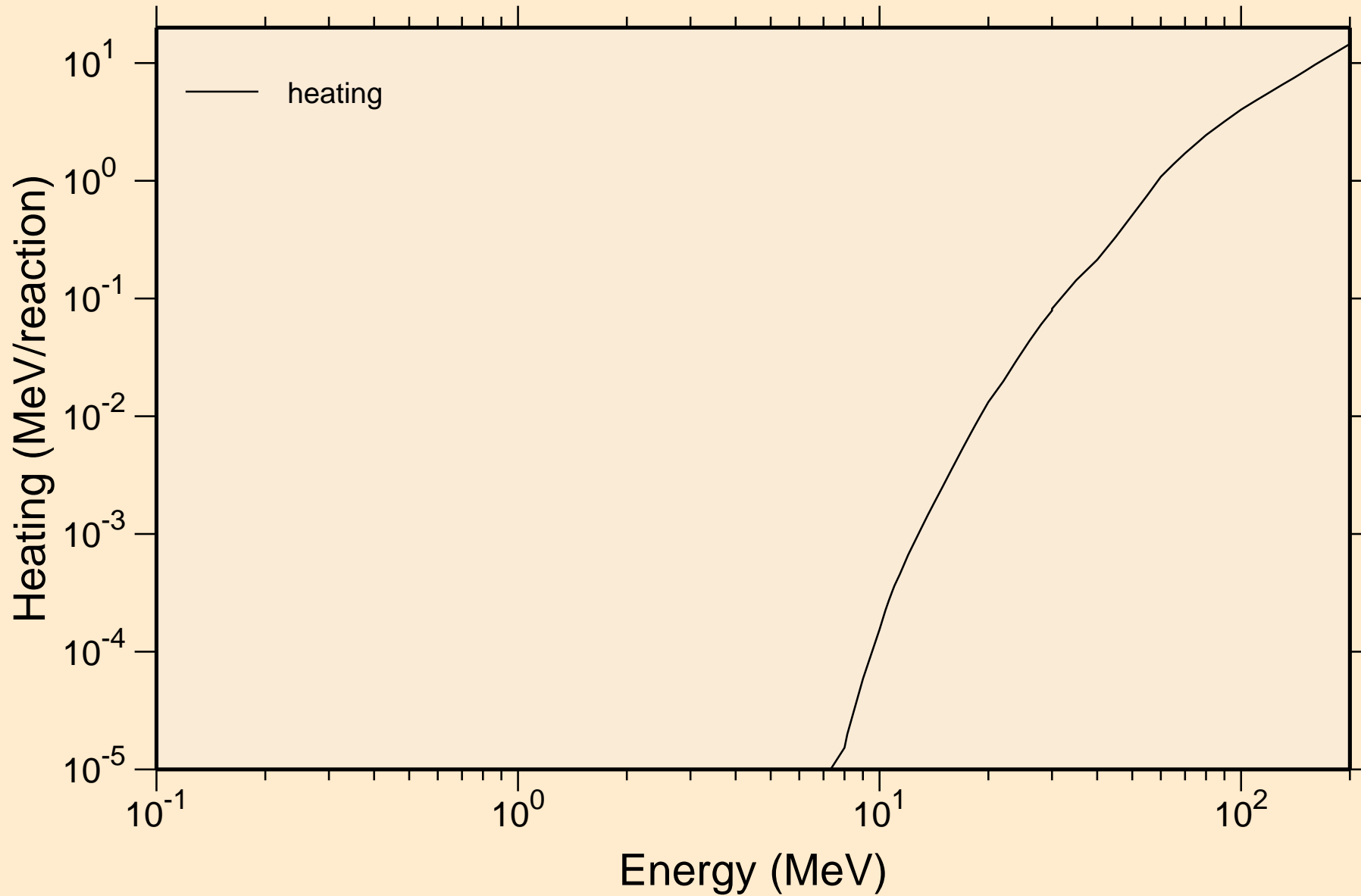
# TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



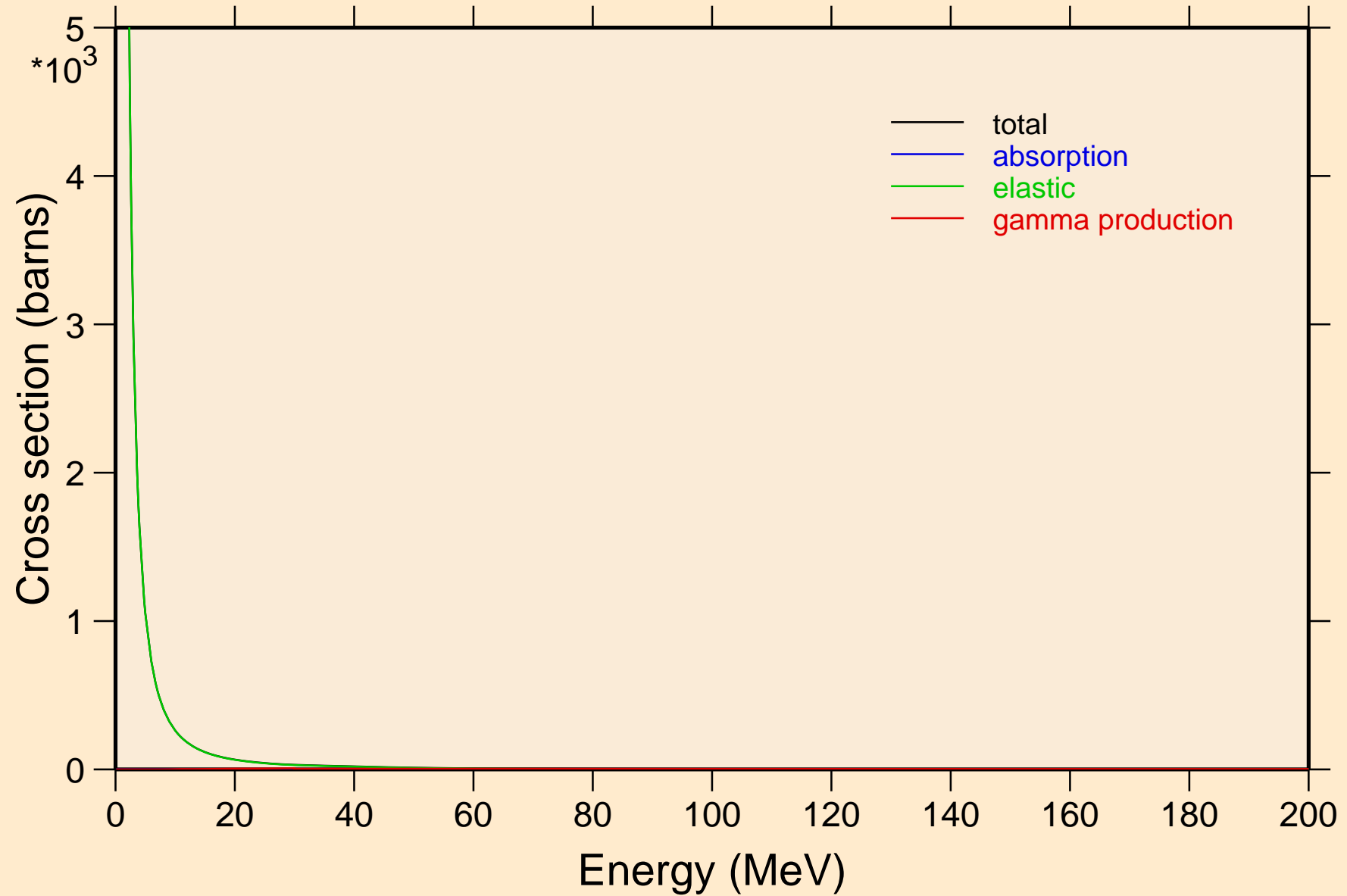
# TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



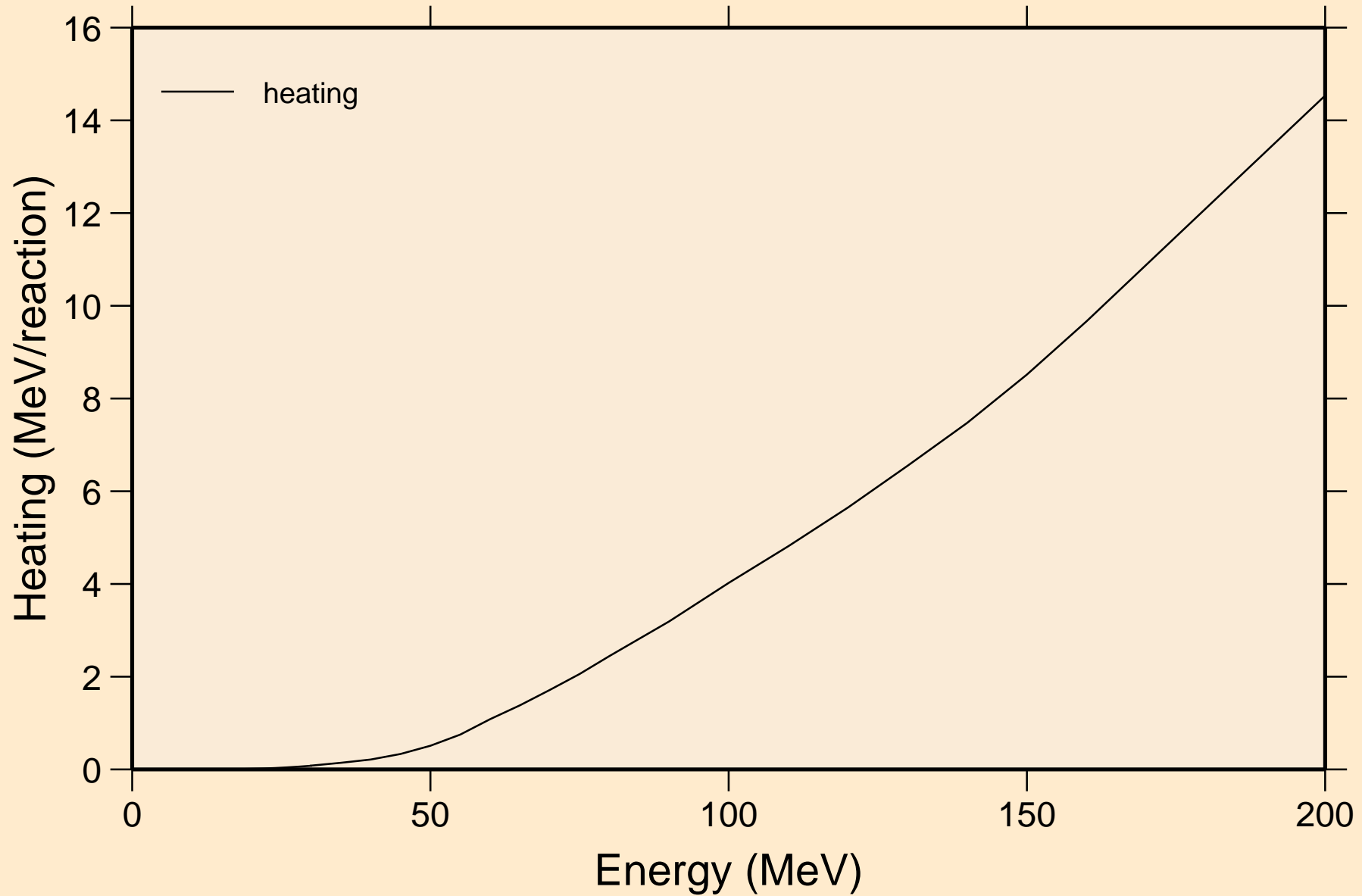
# TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

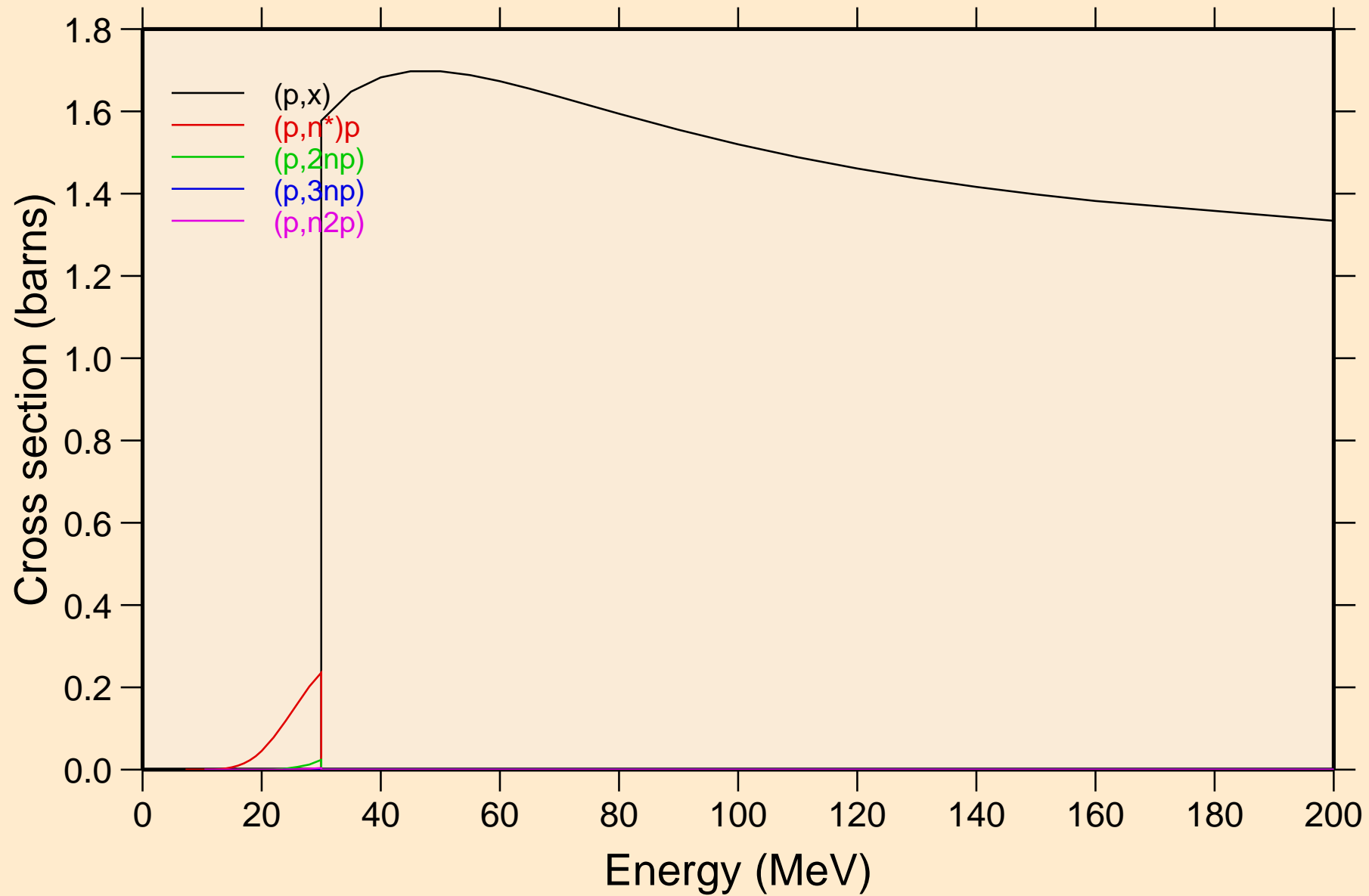


# TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

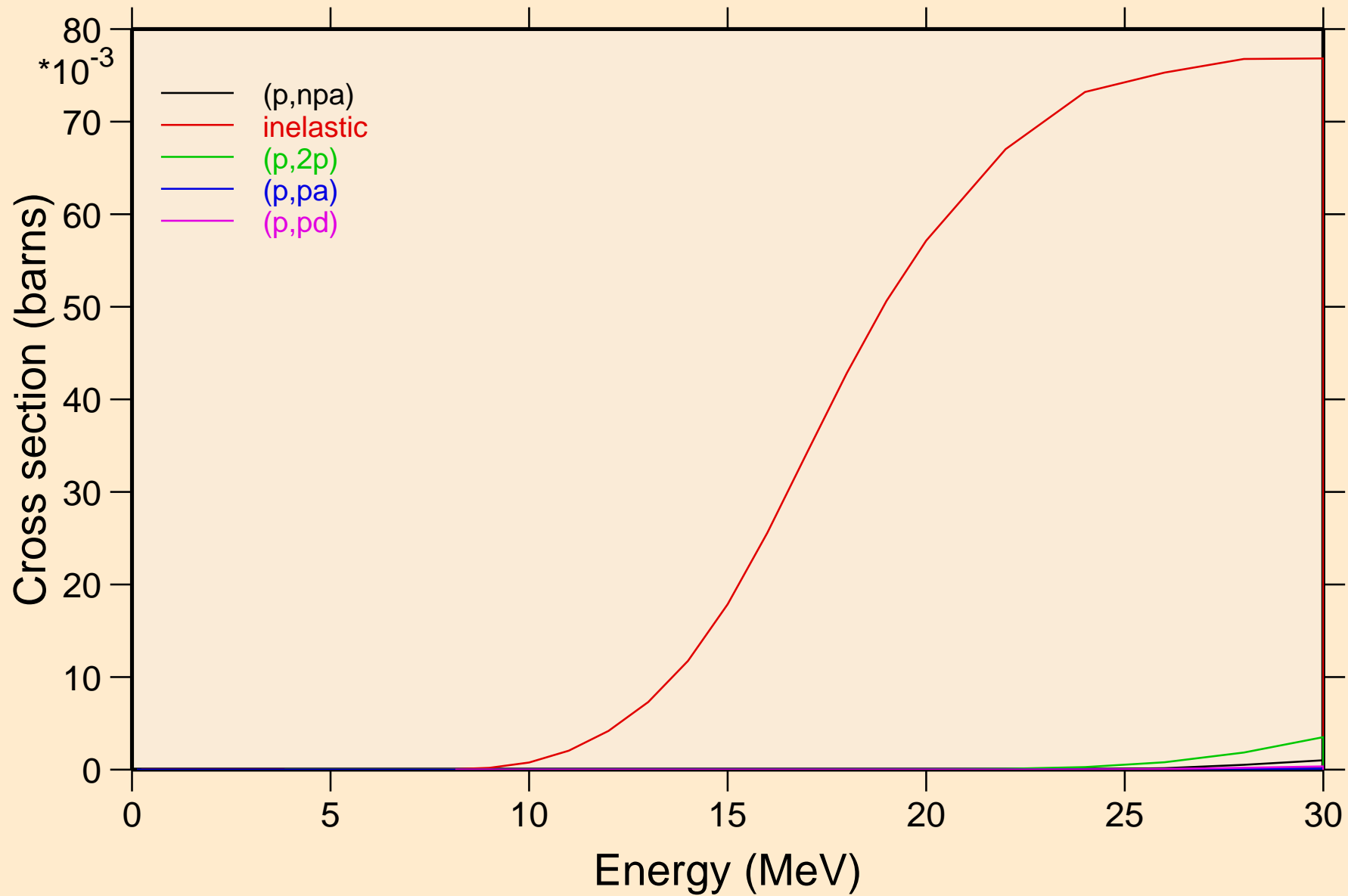
## Heating



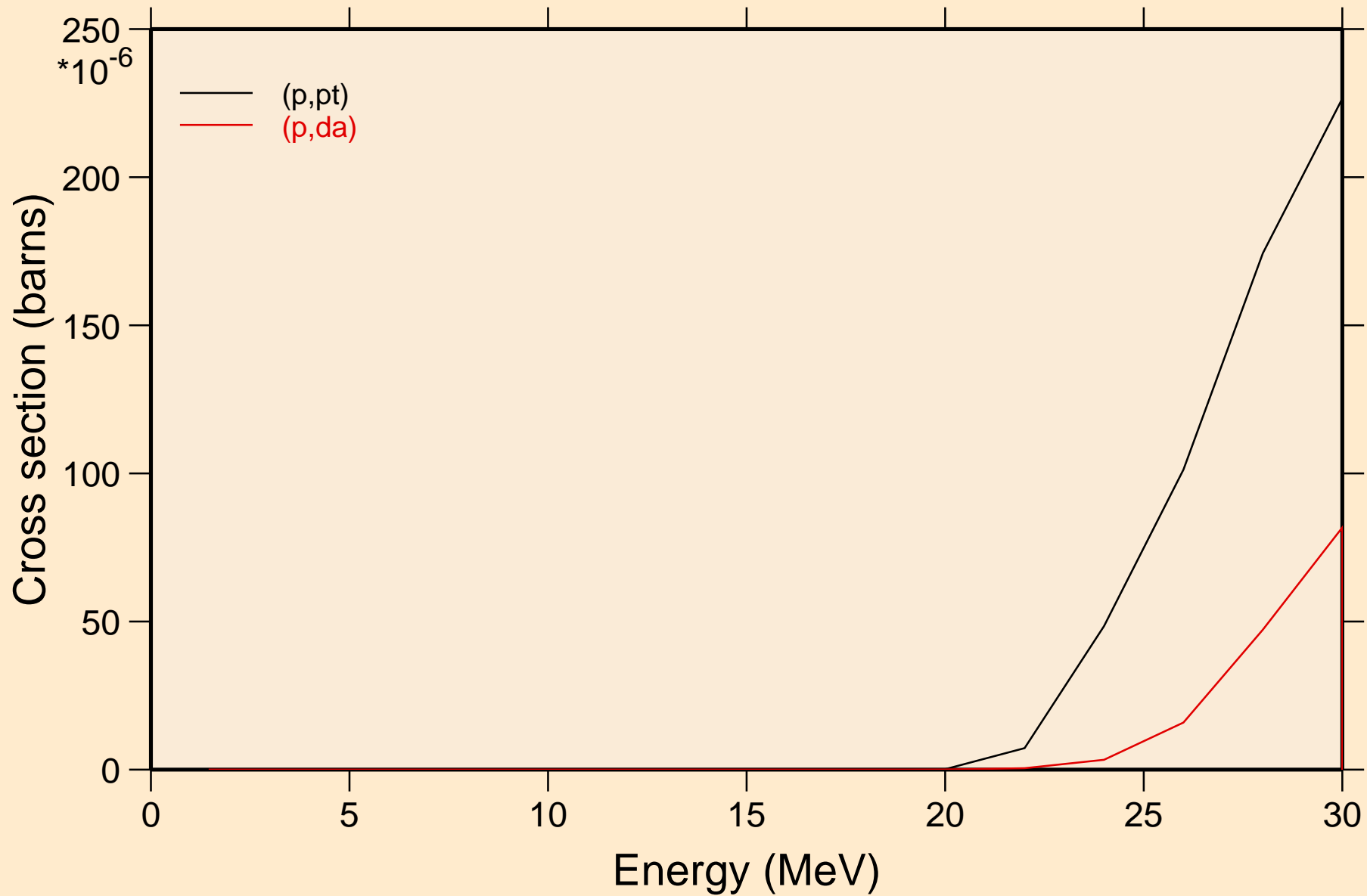
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



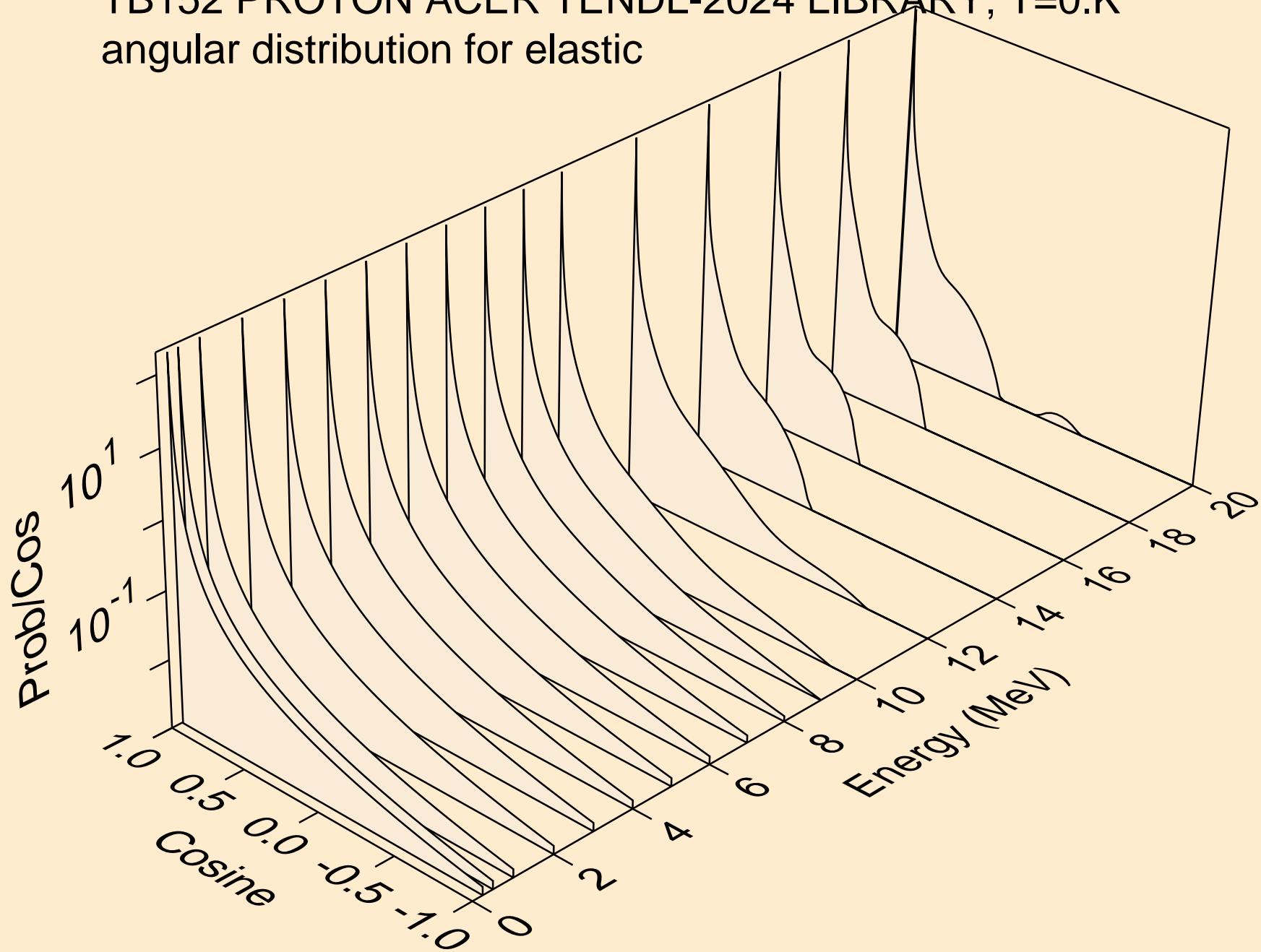
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



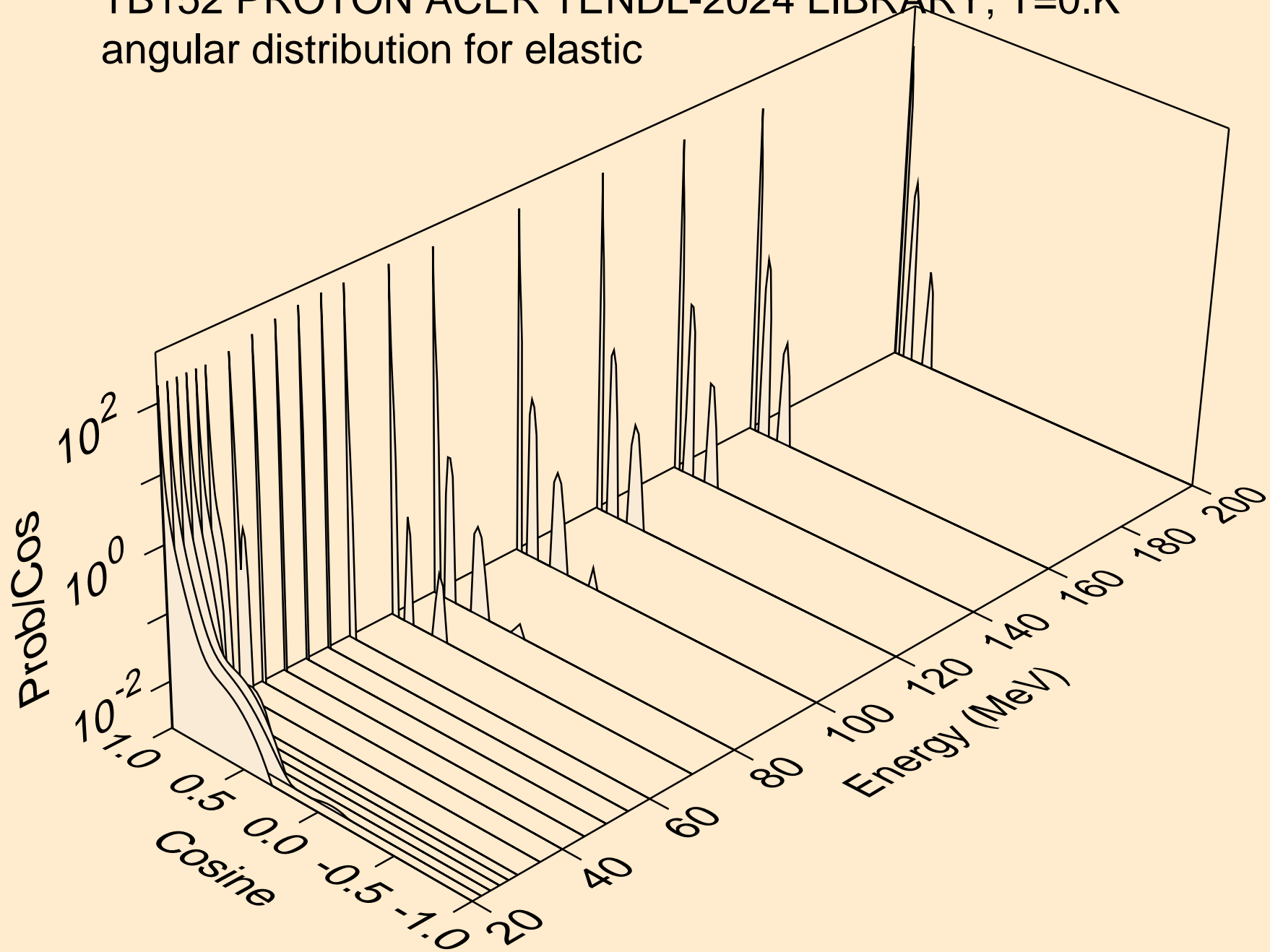
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



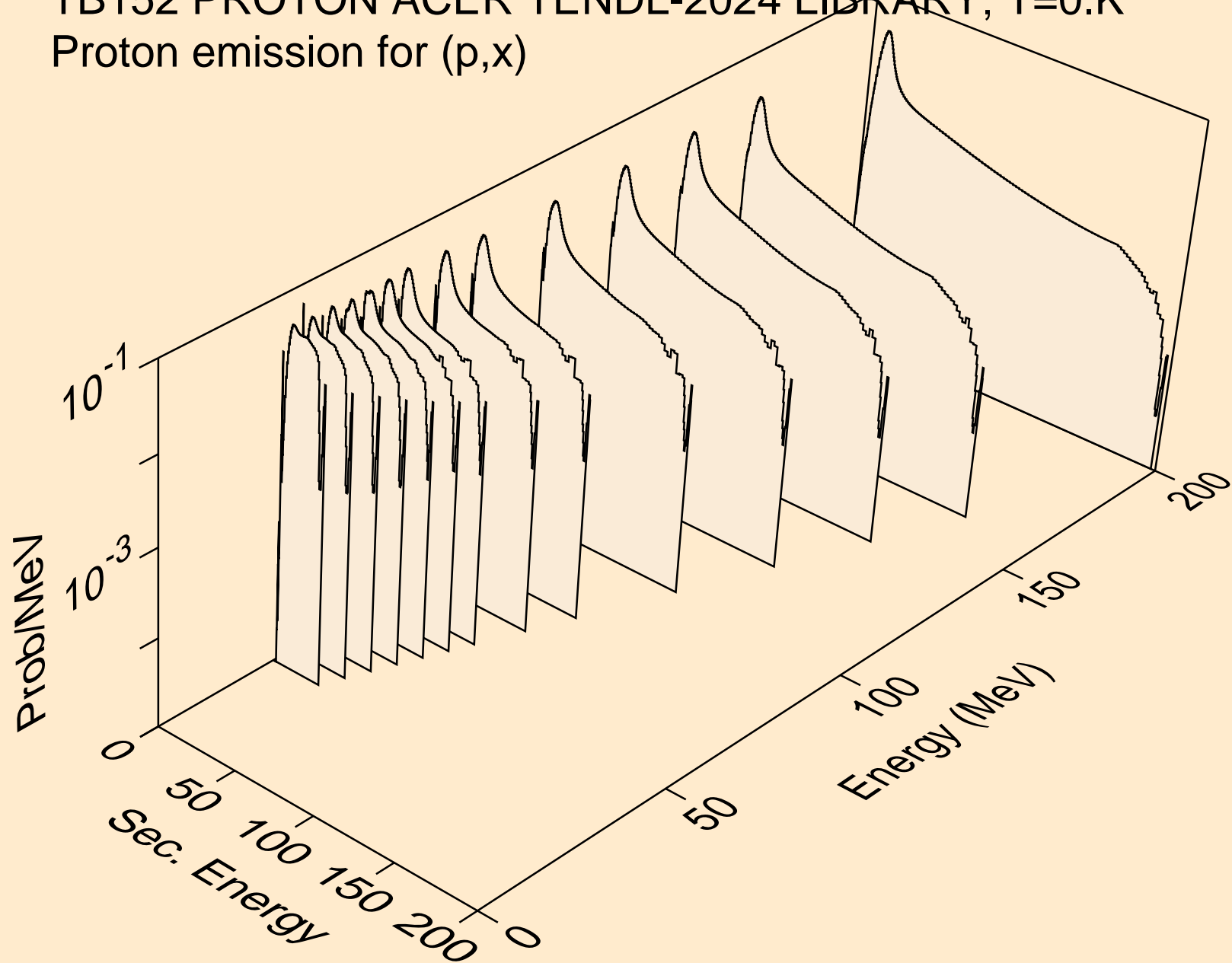
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



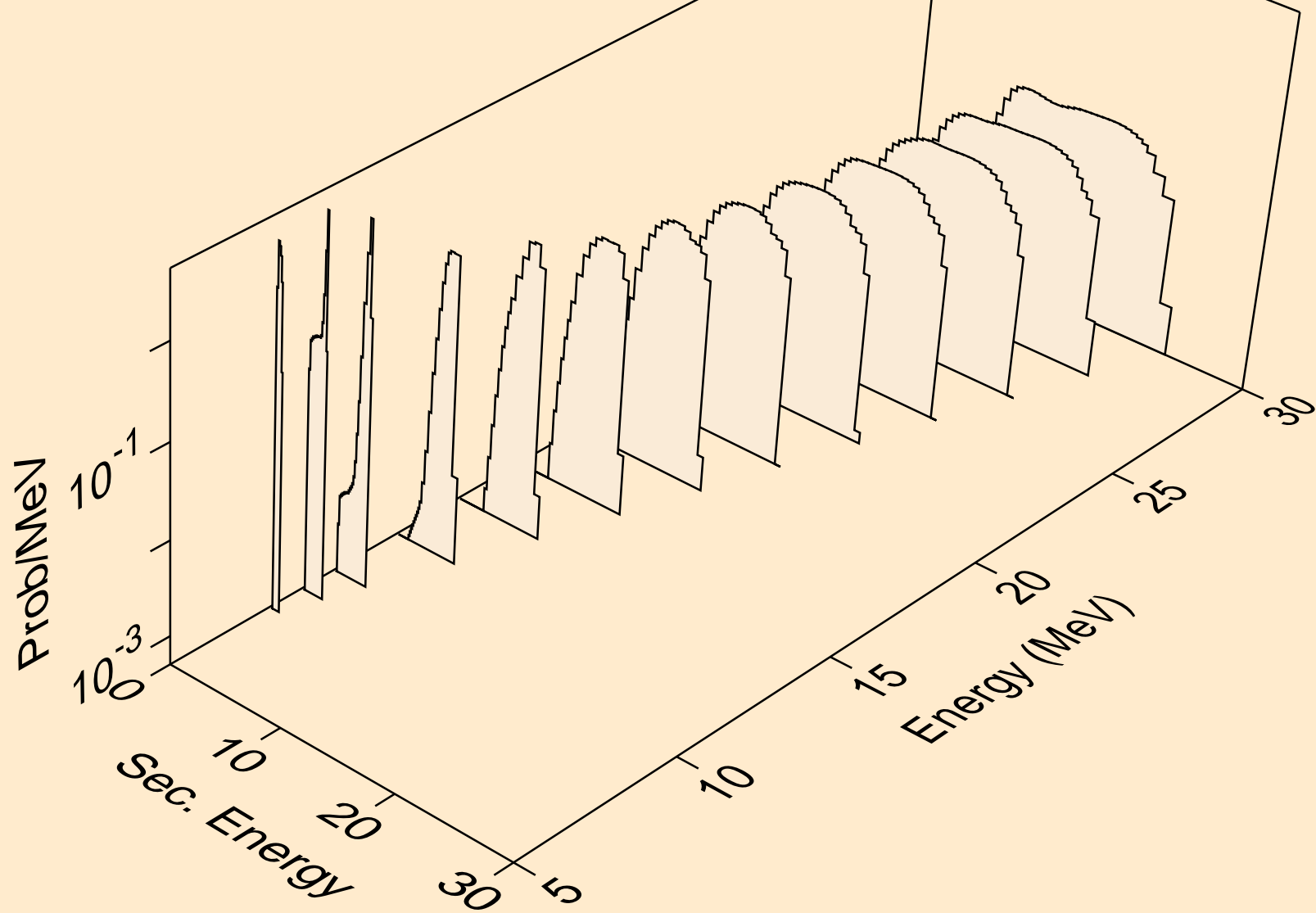
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



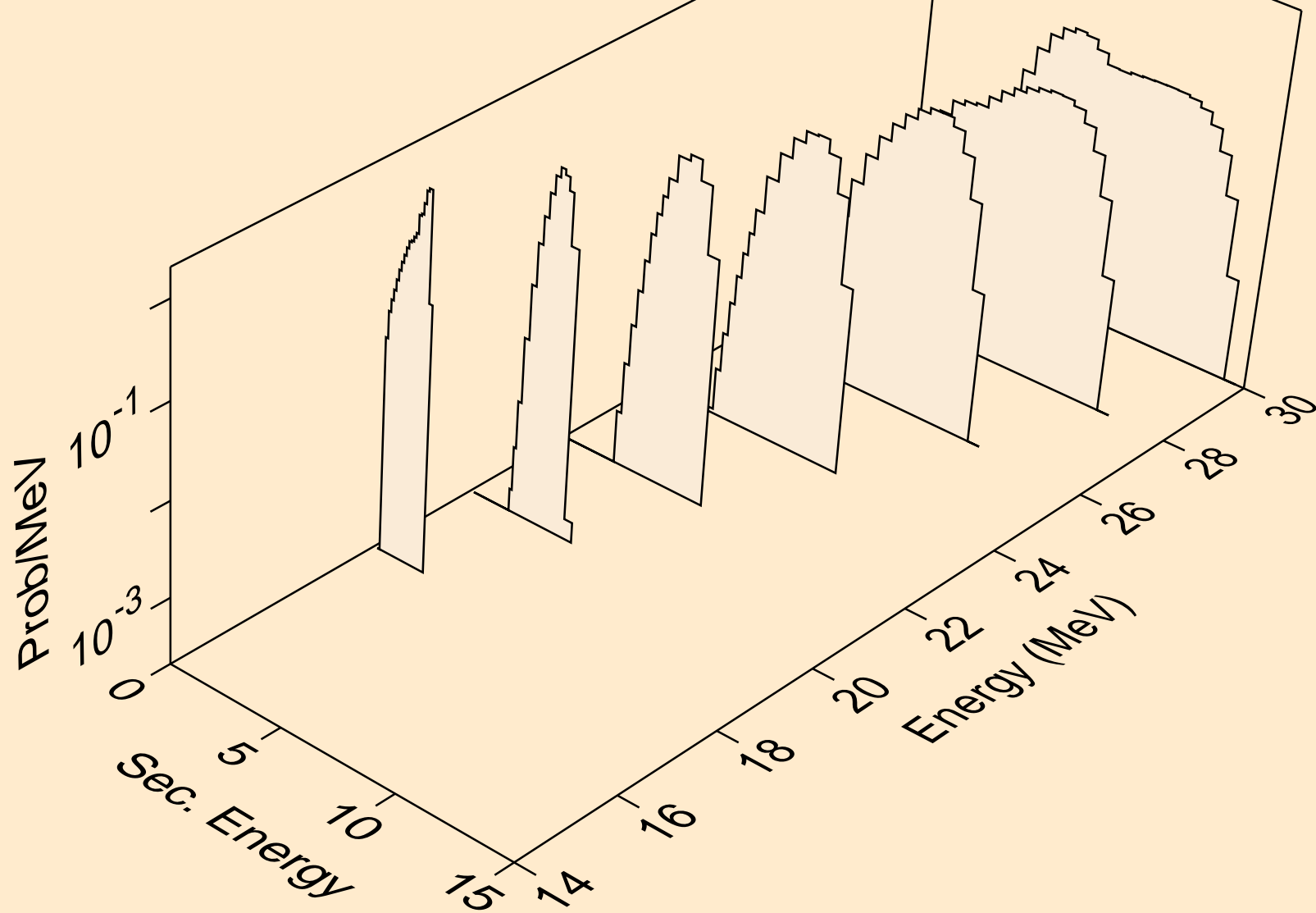
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



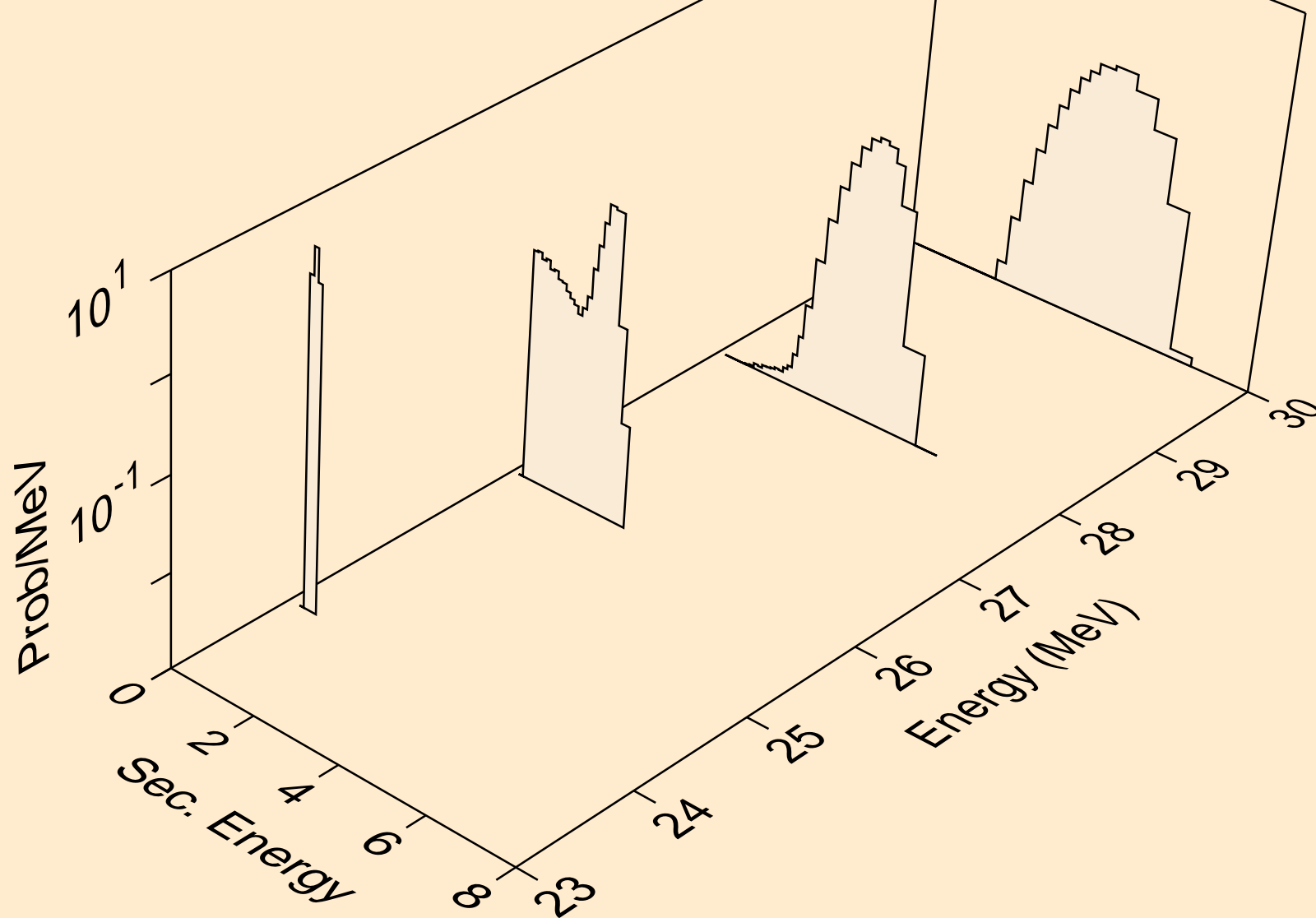
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



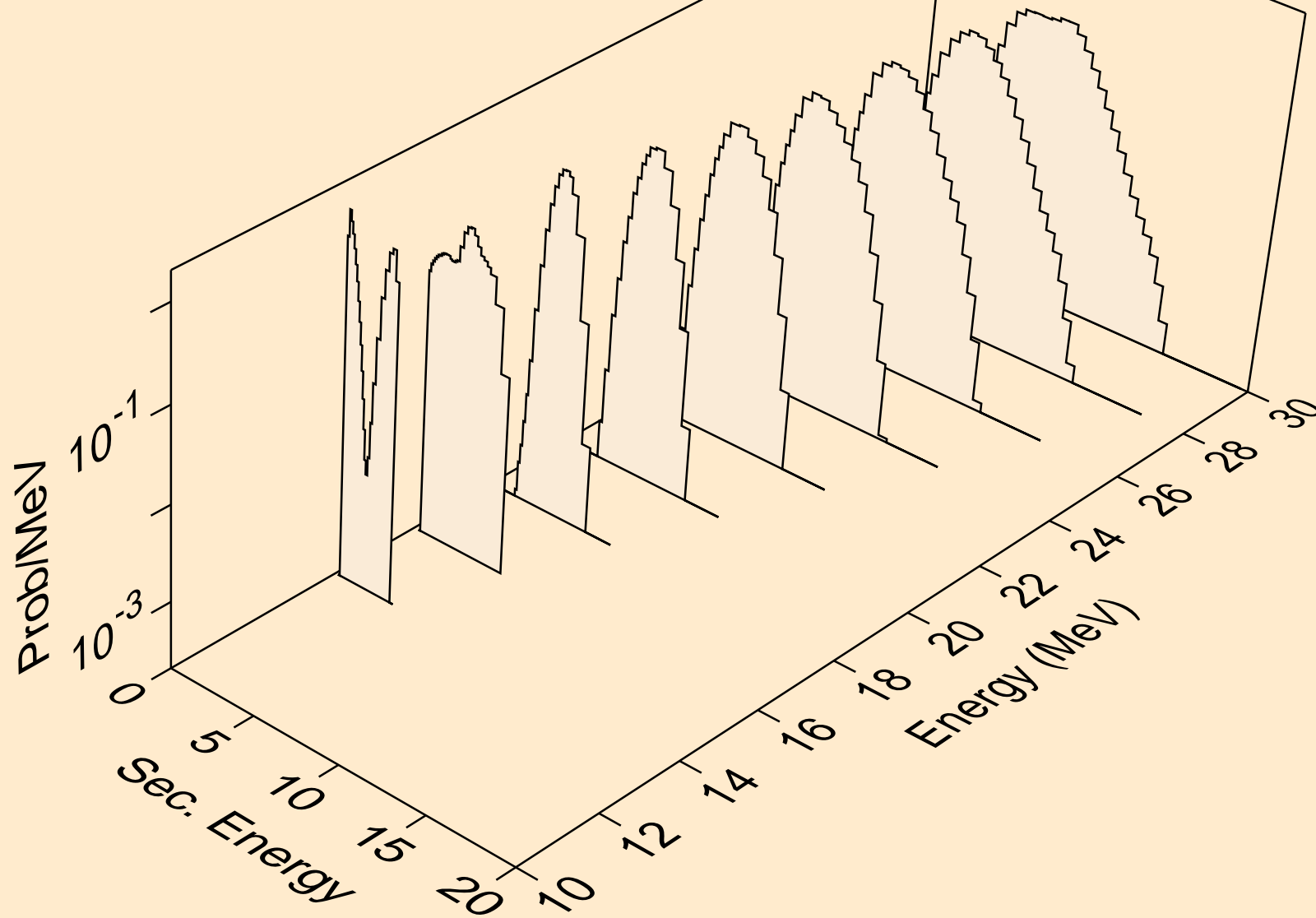
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



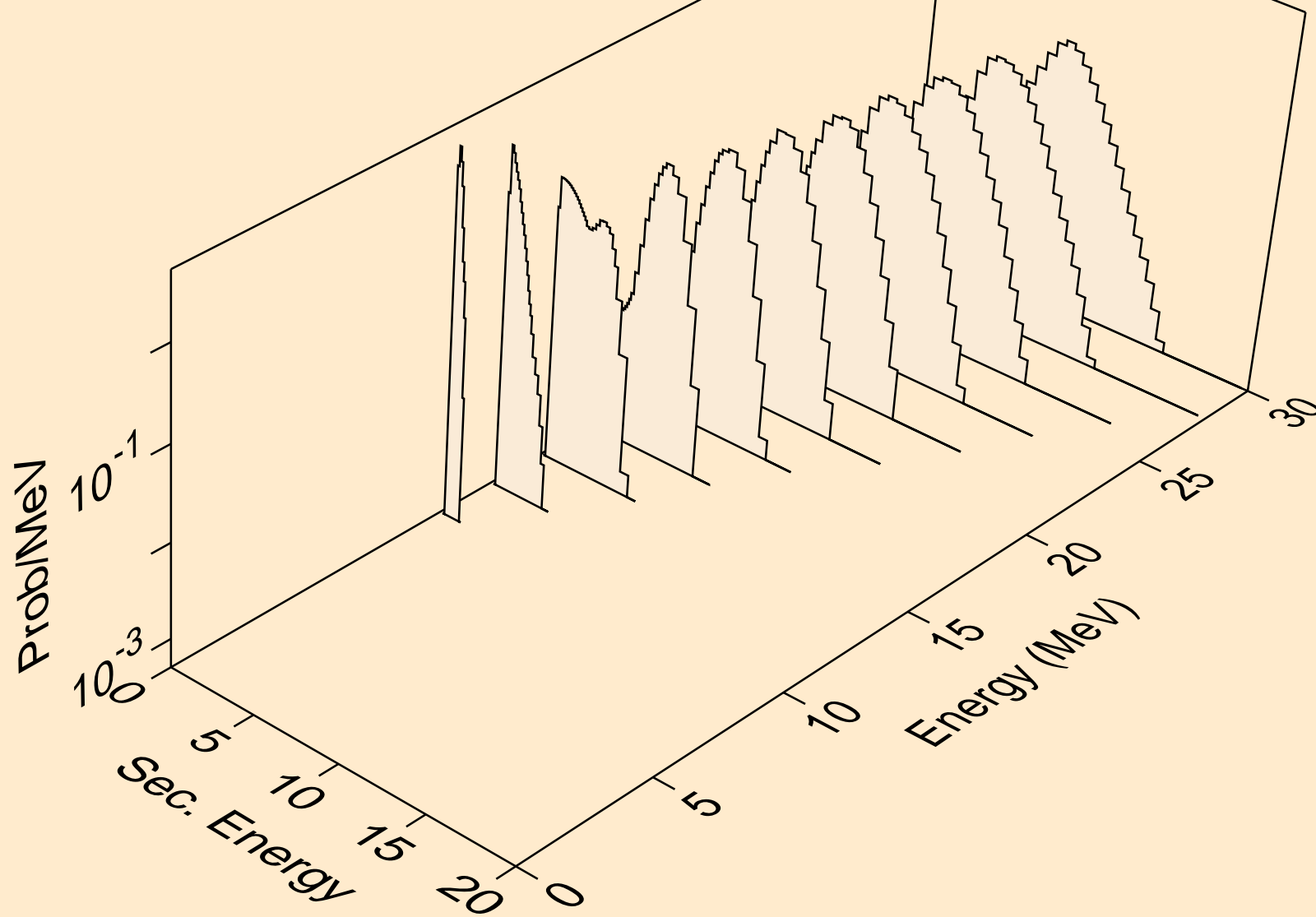
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



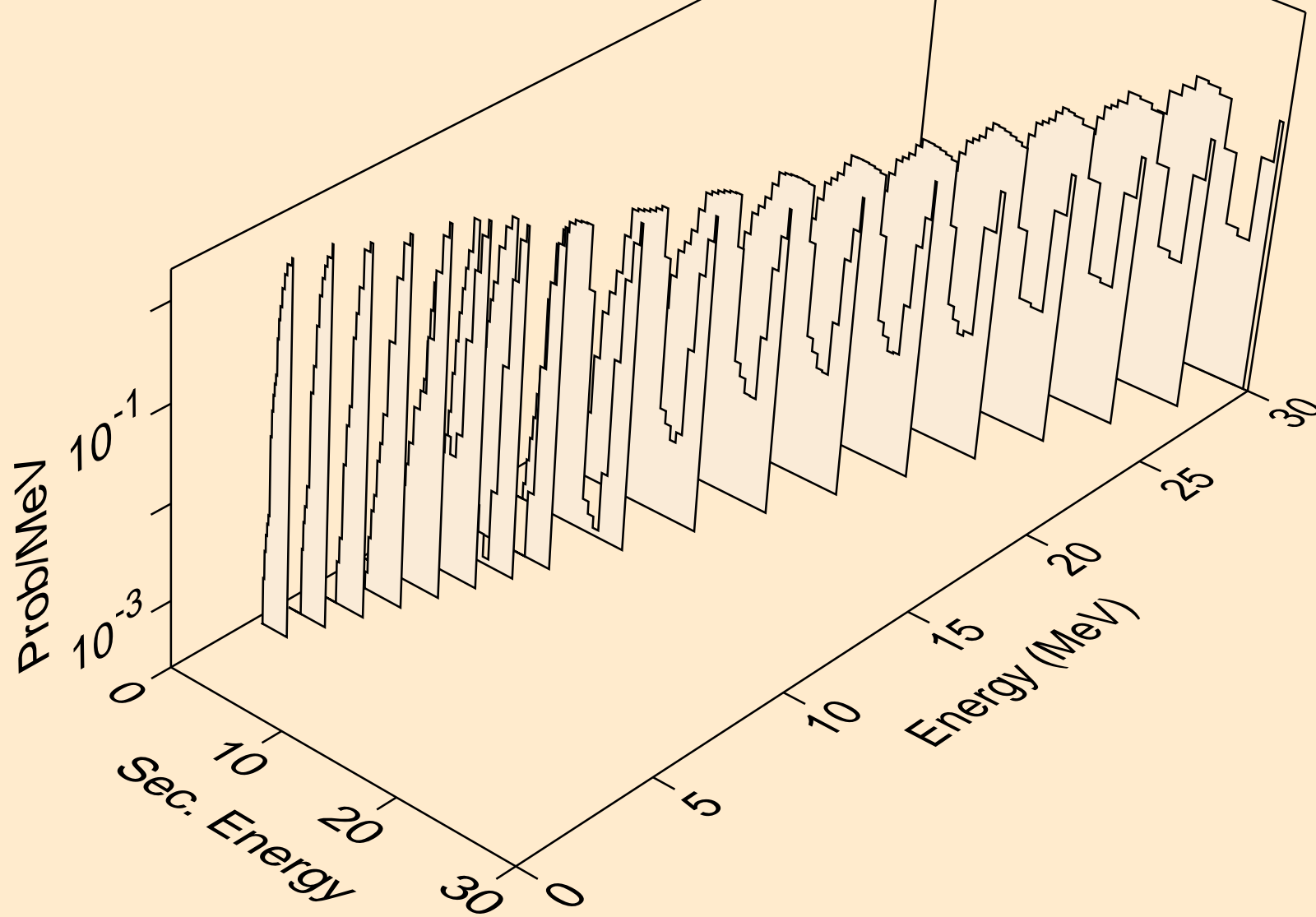
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



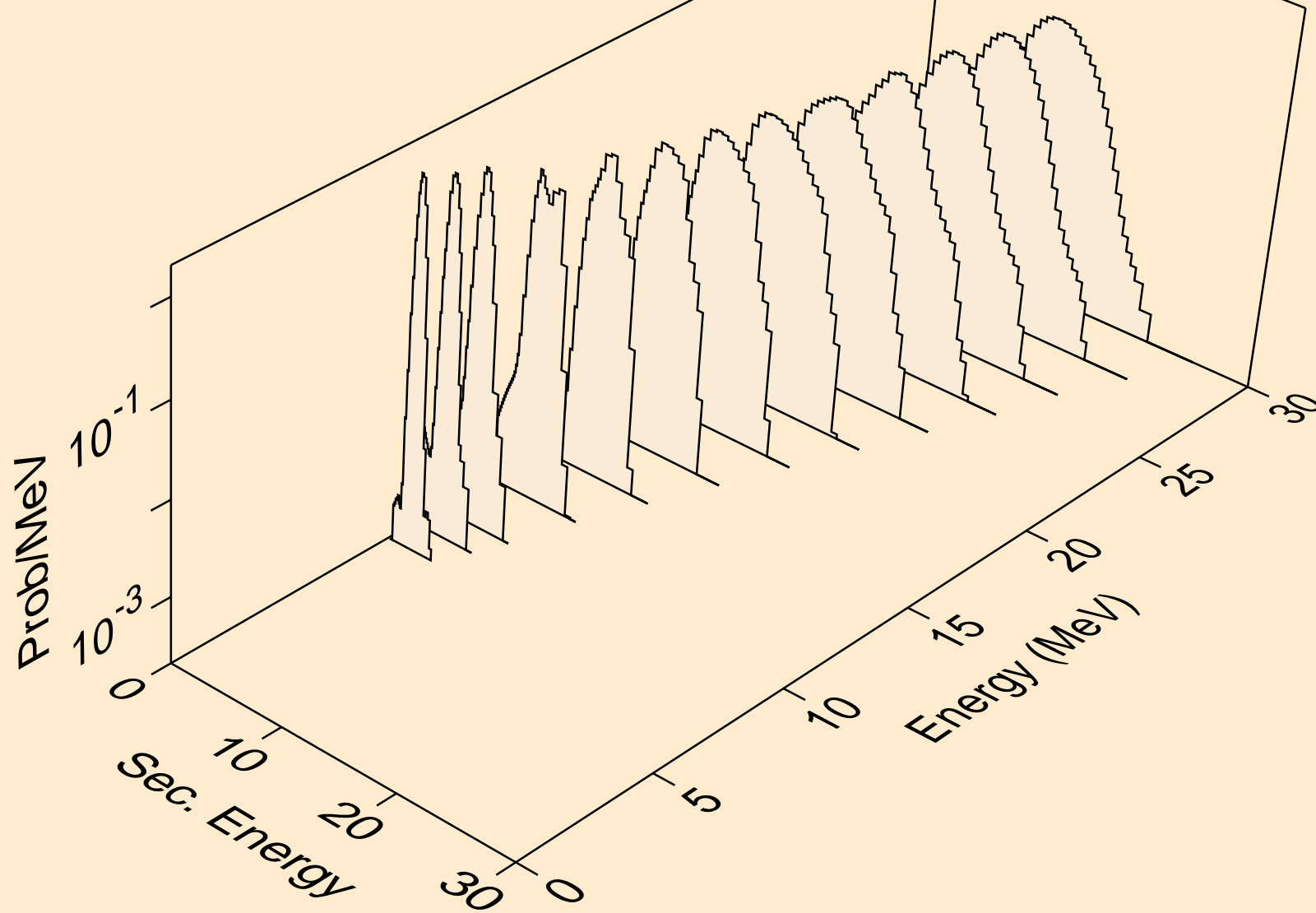
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,npa)



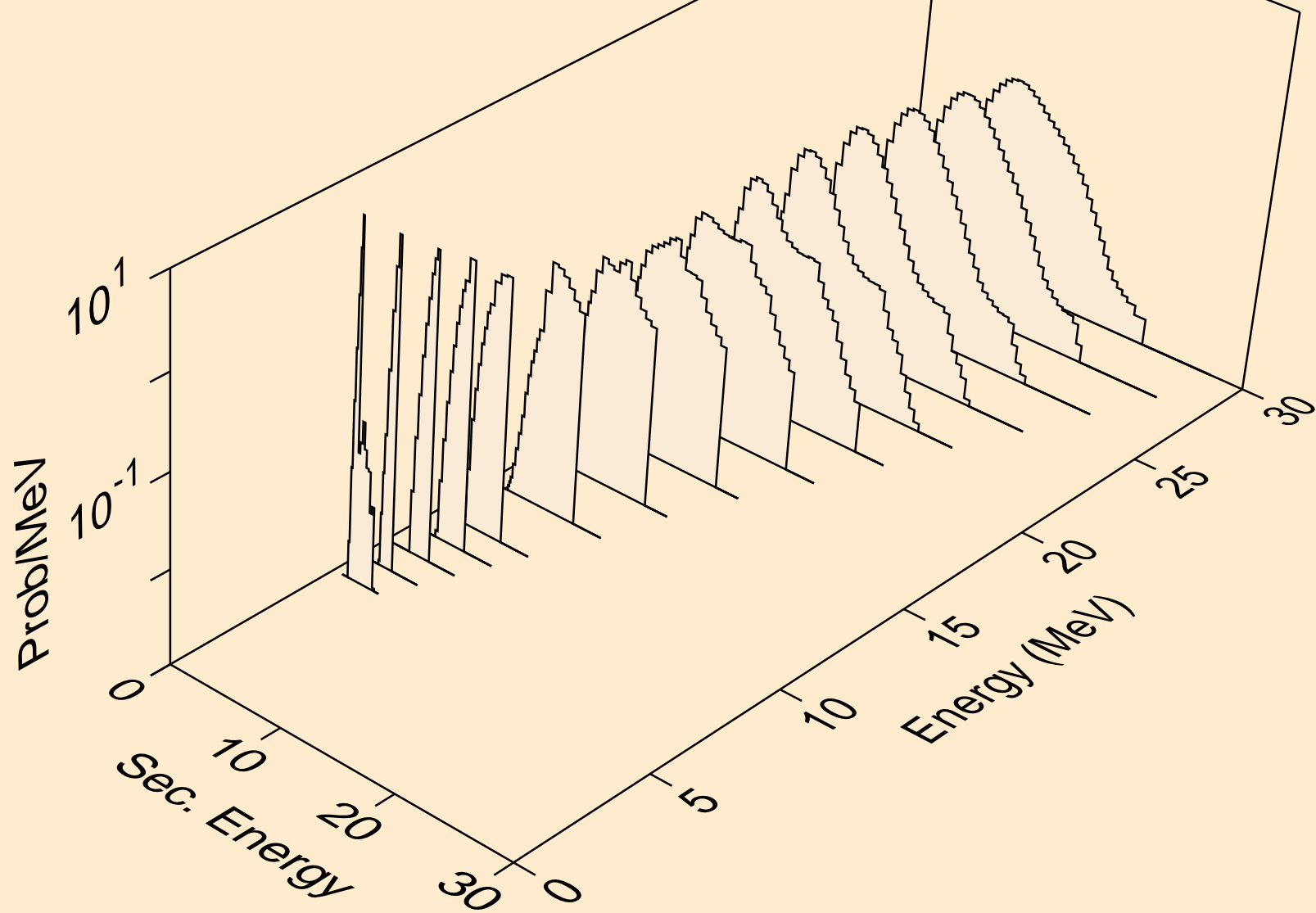
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



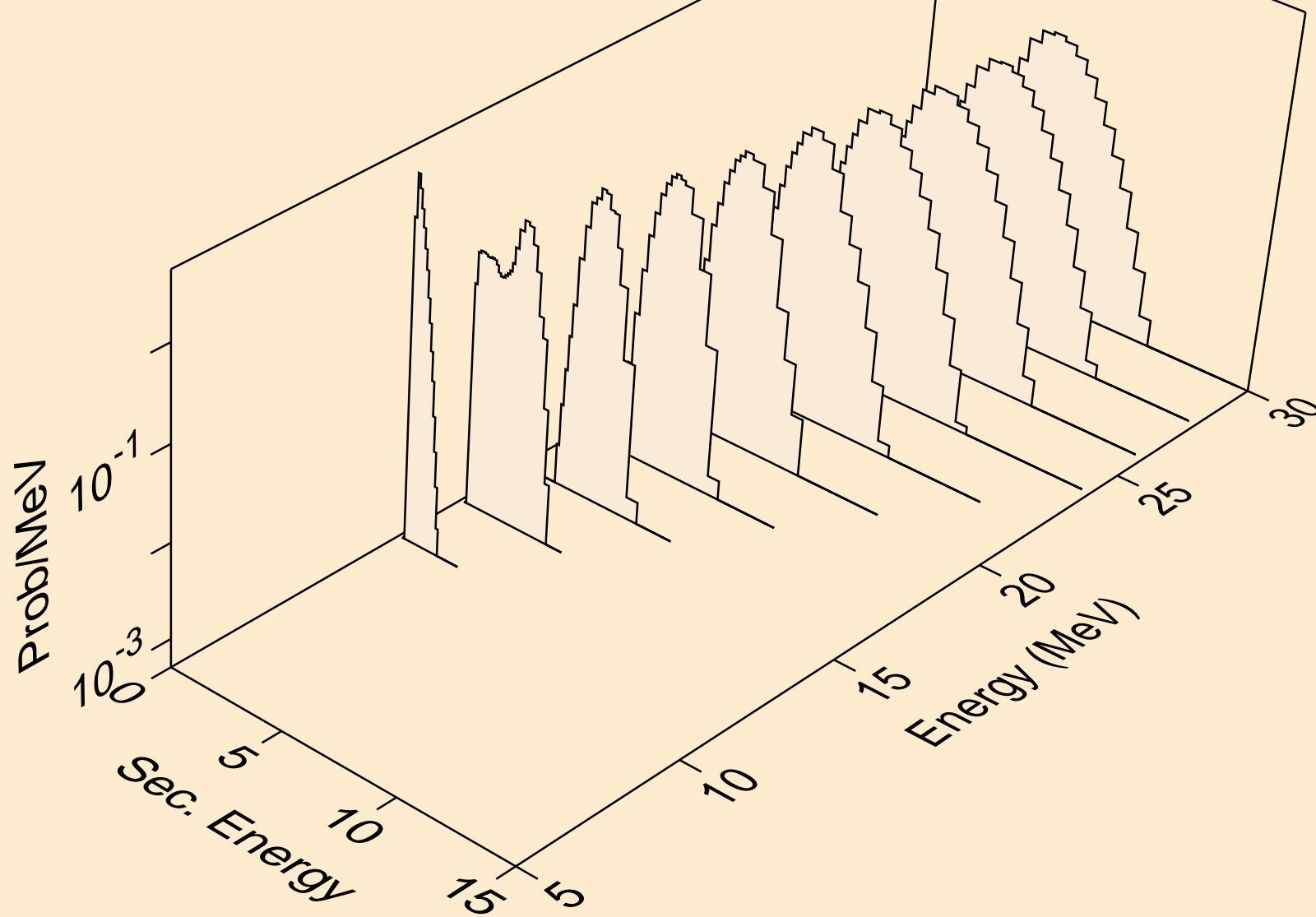
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pa)

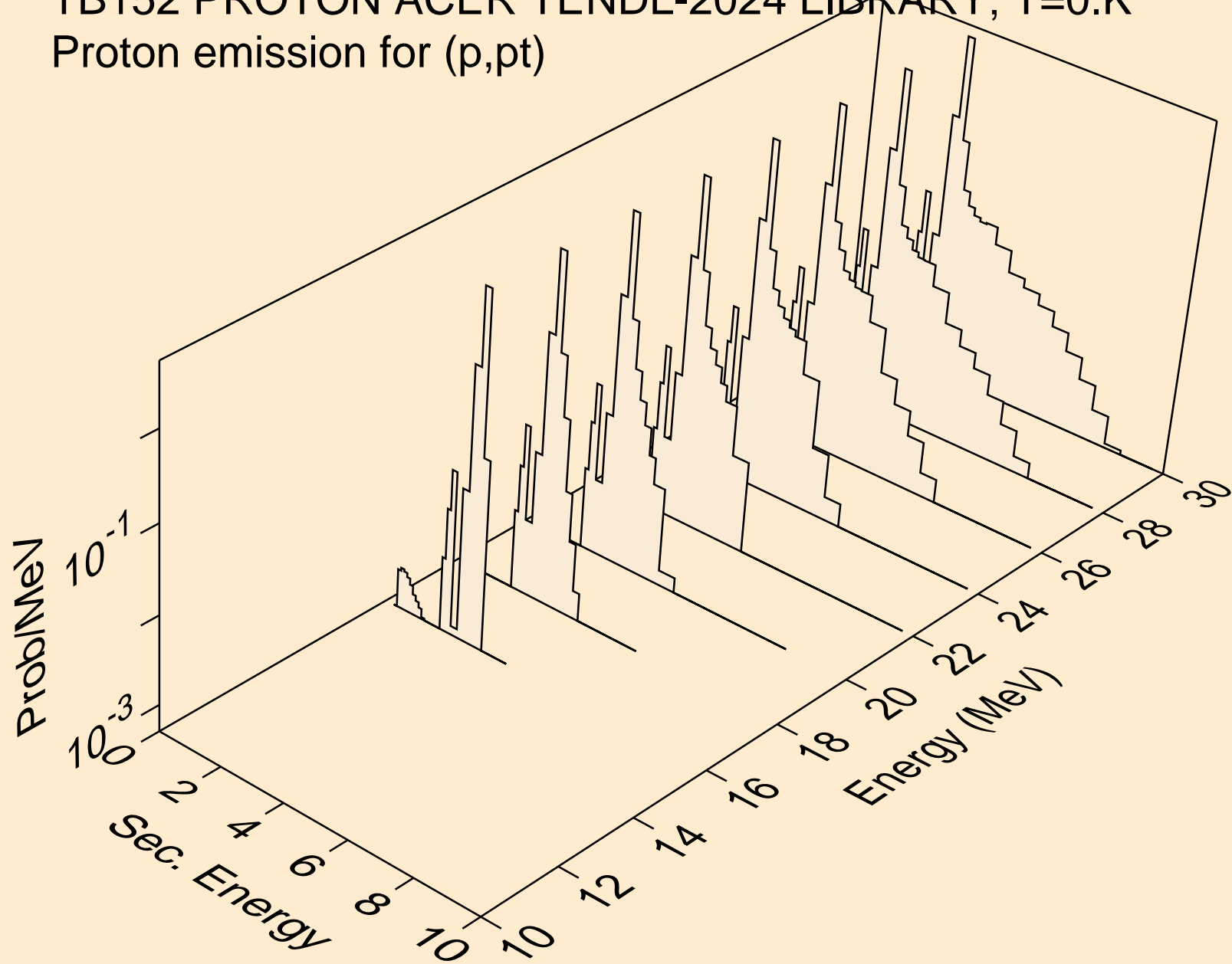


TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pd)

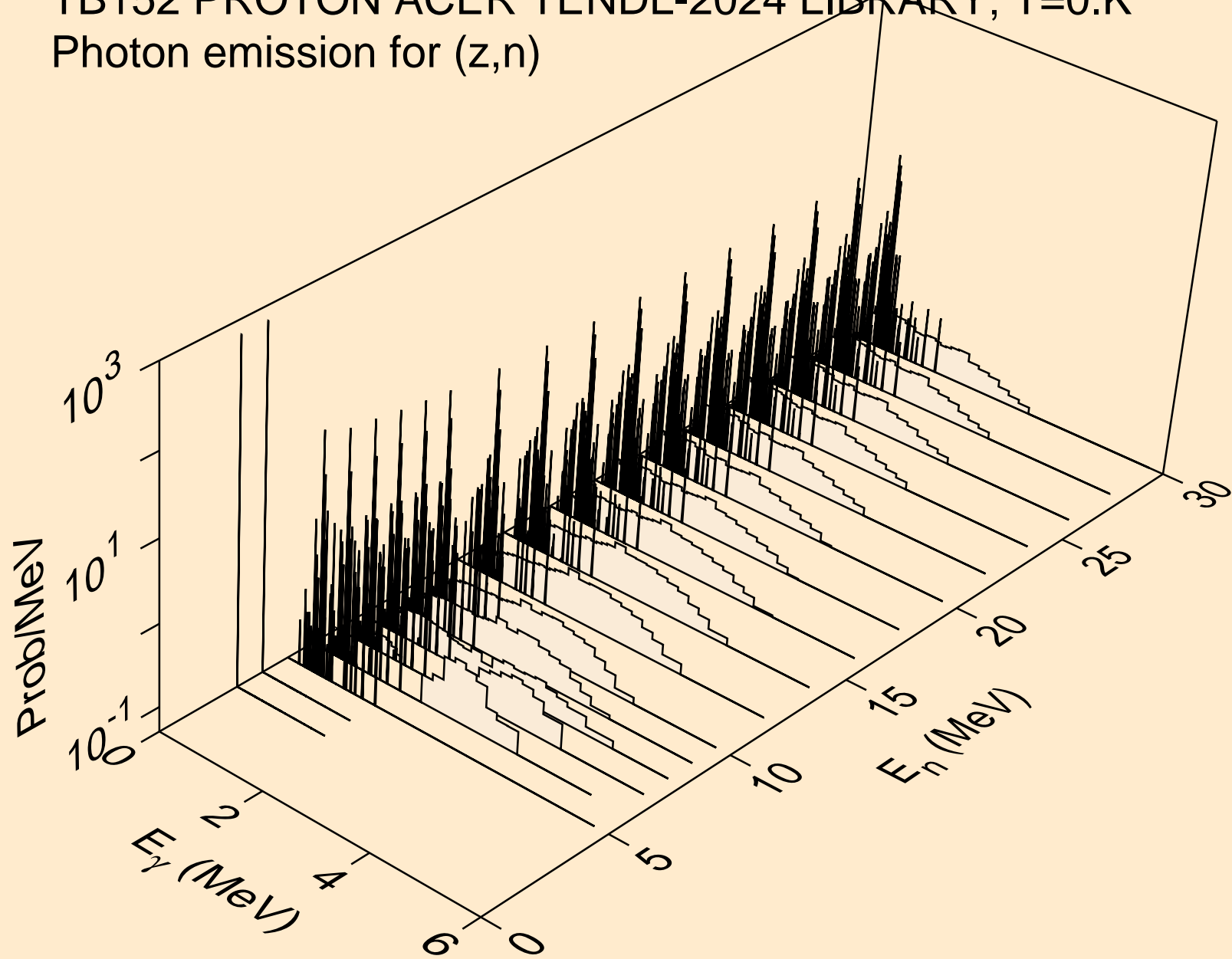


# TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

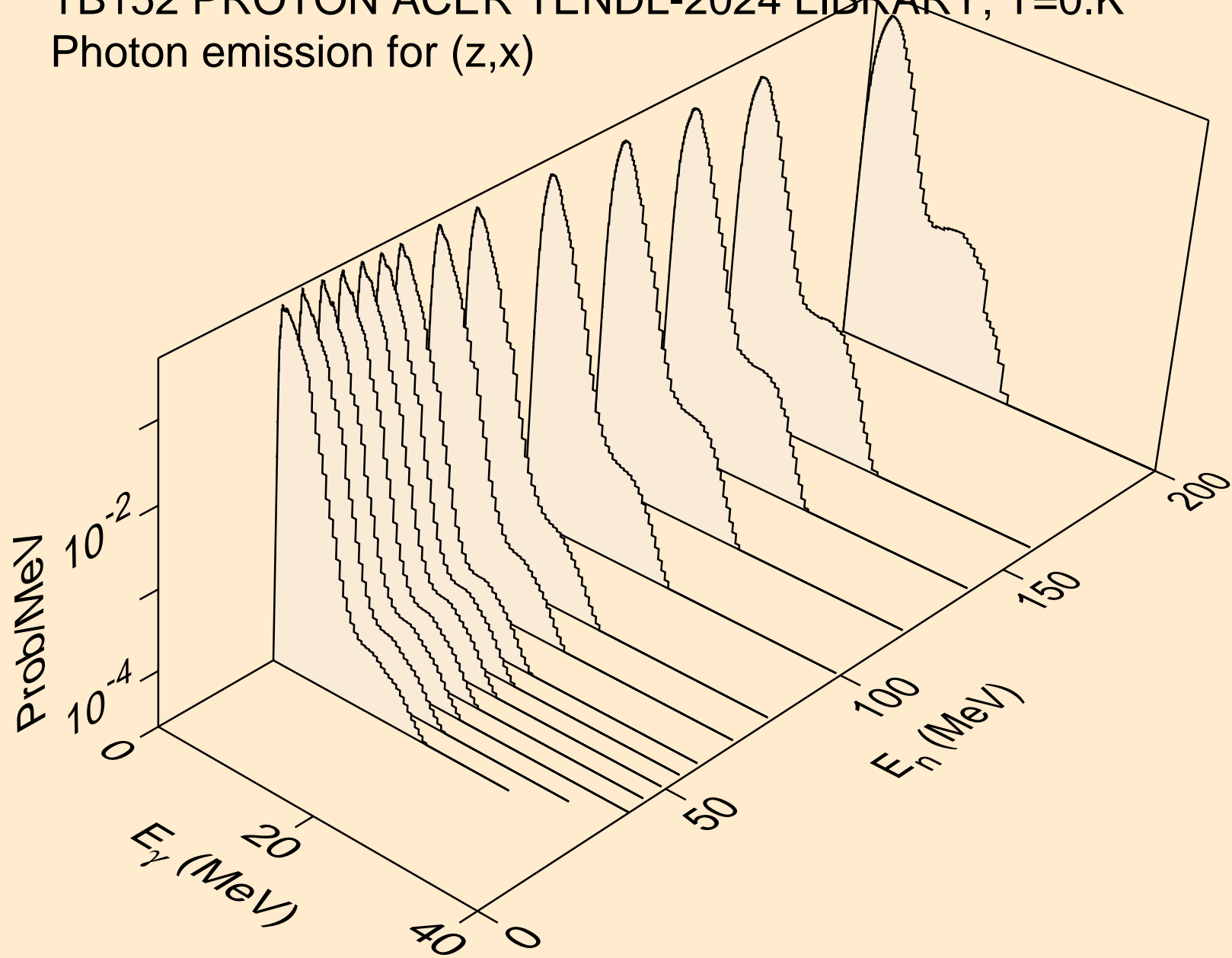
Proton emission for (p,pt)



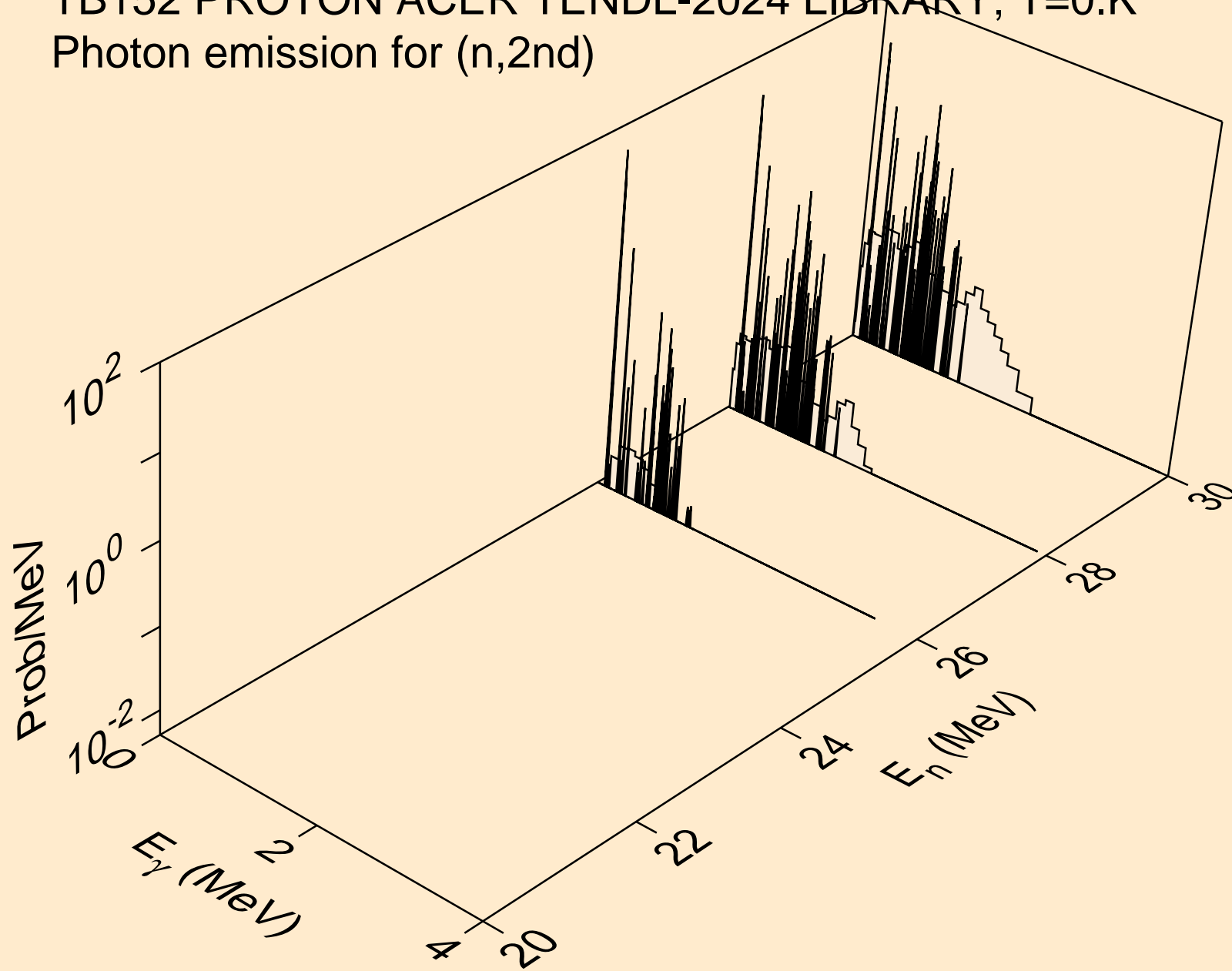
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



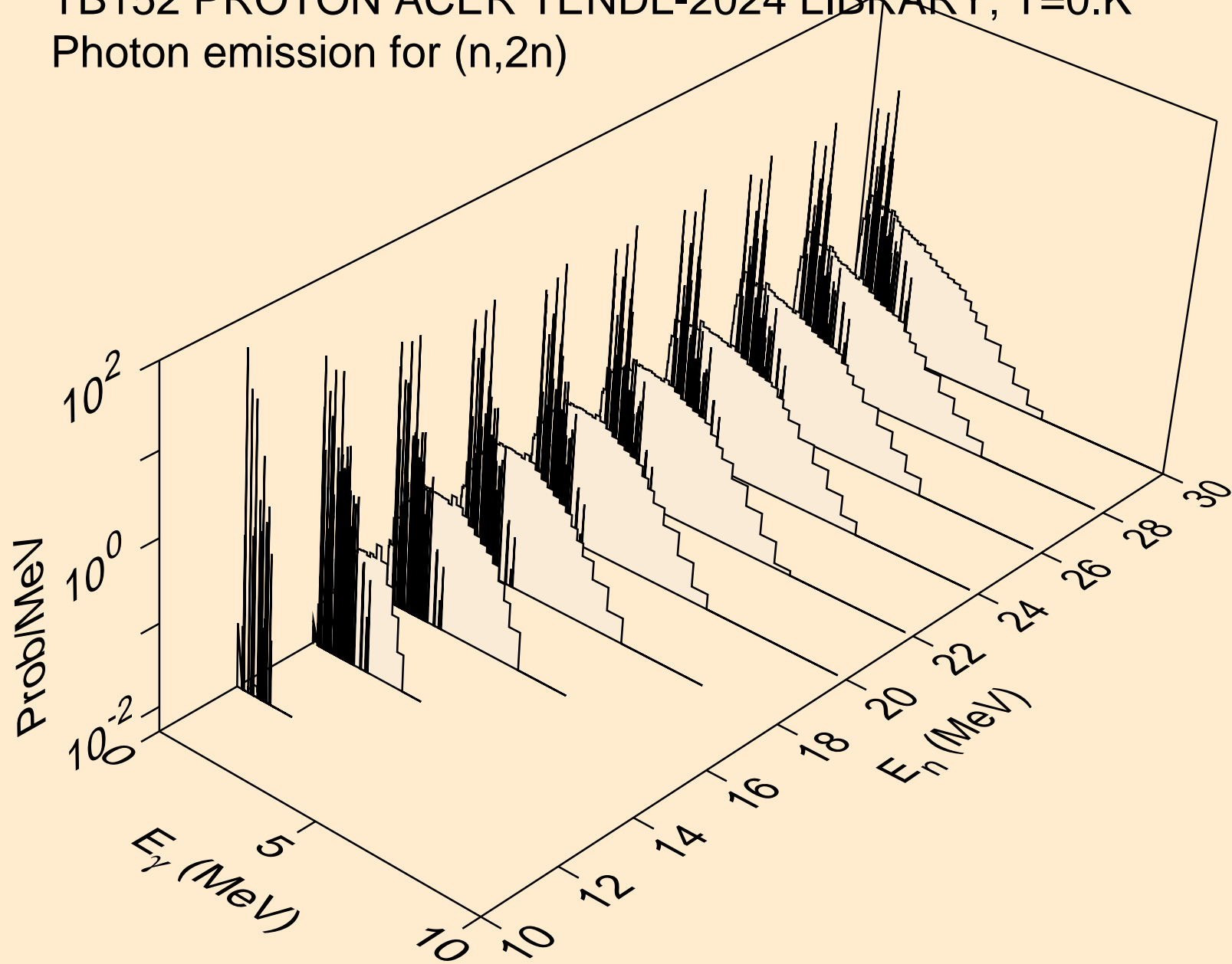
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



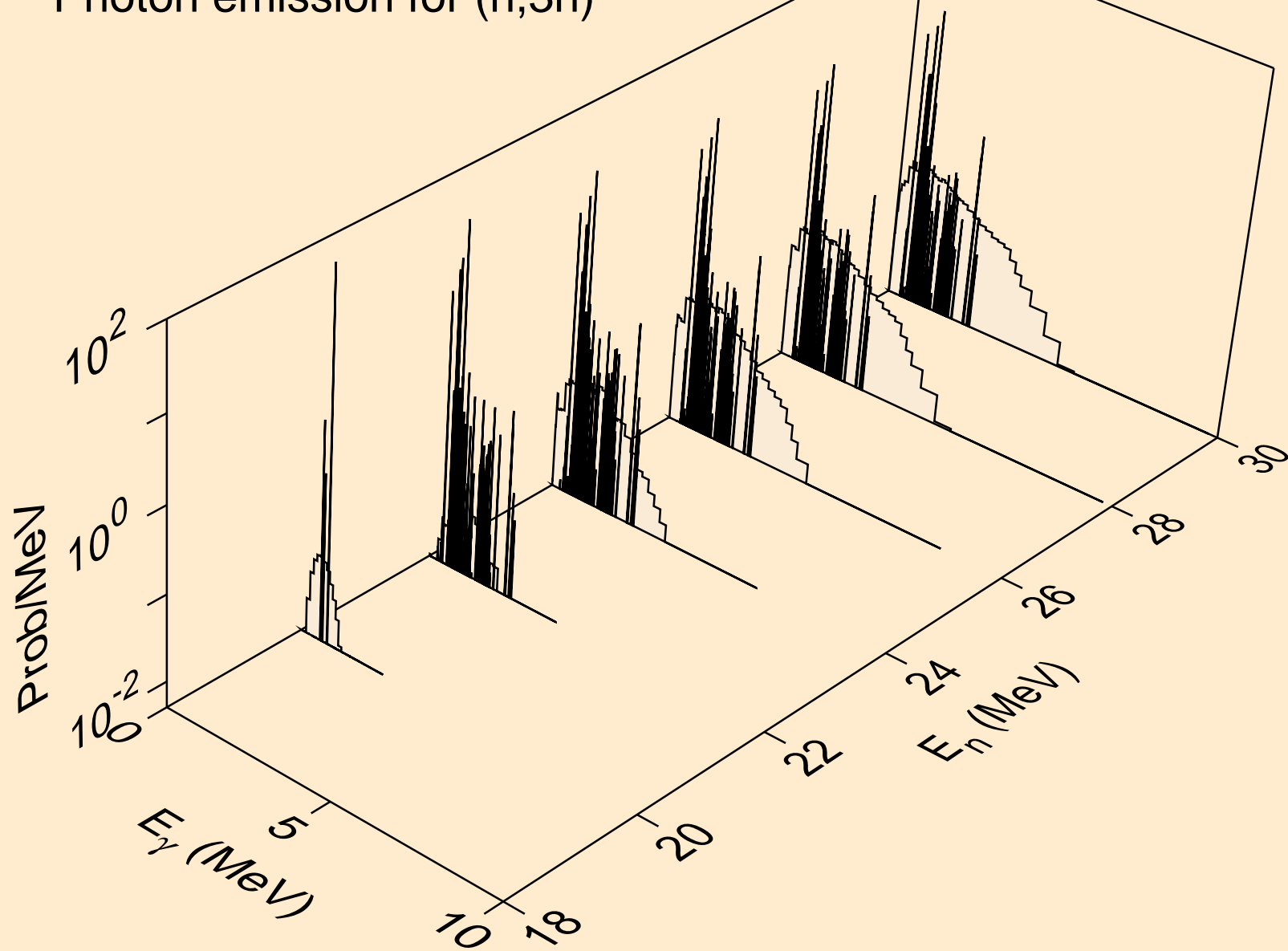
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



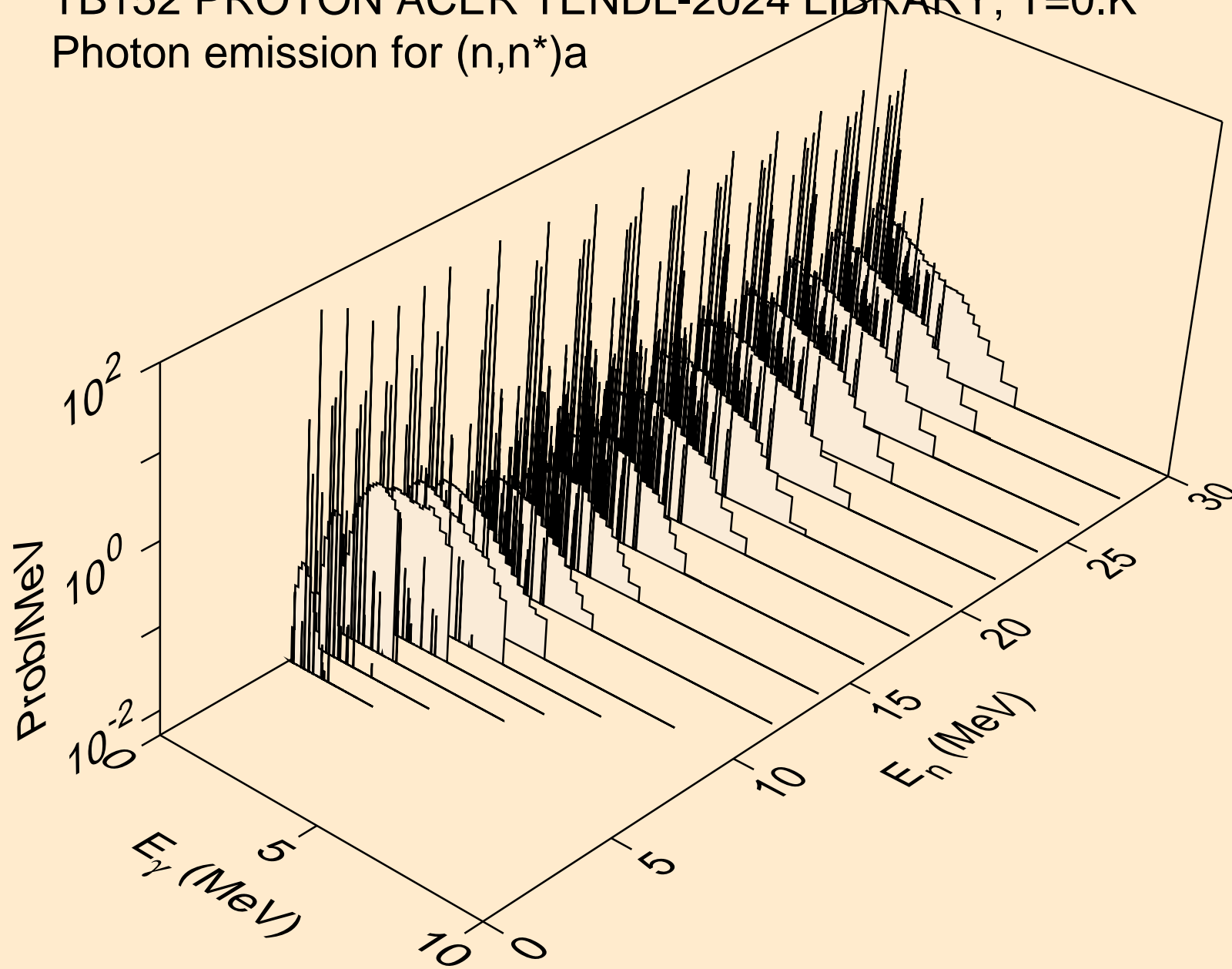
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



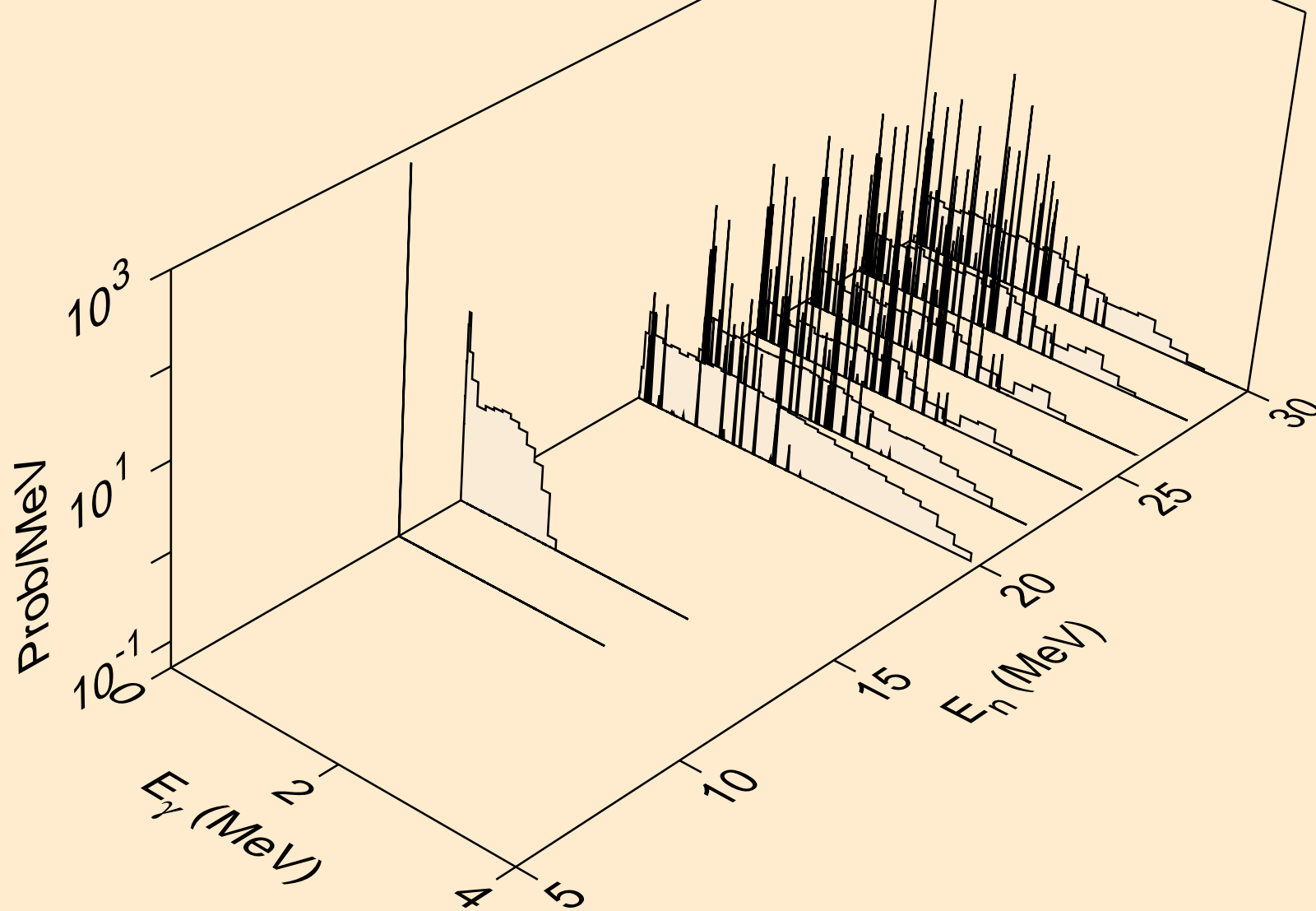
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



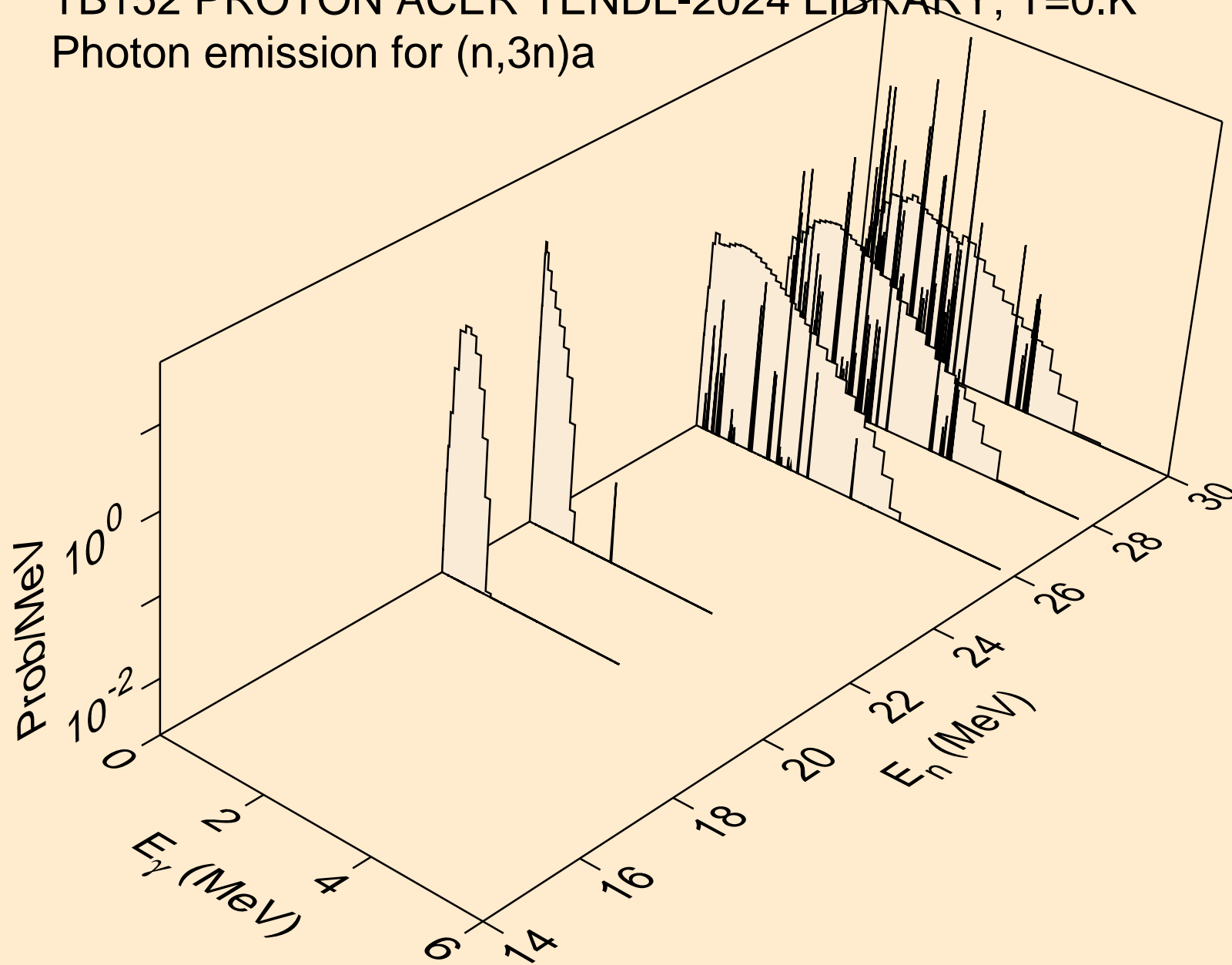
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



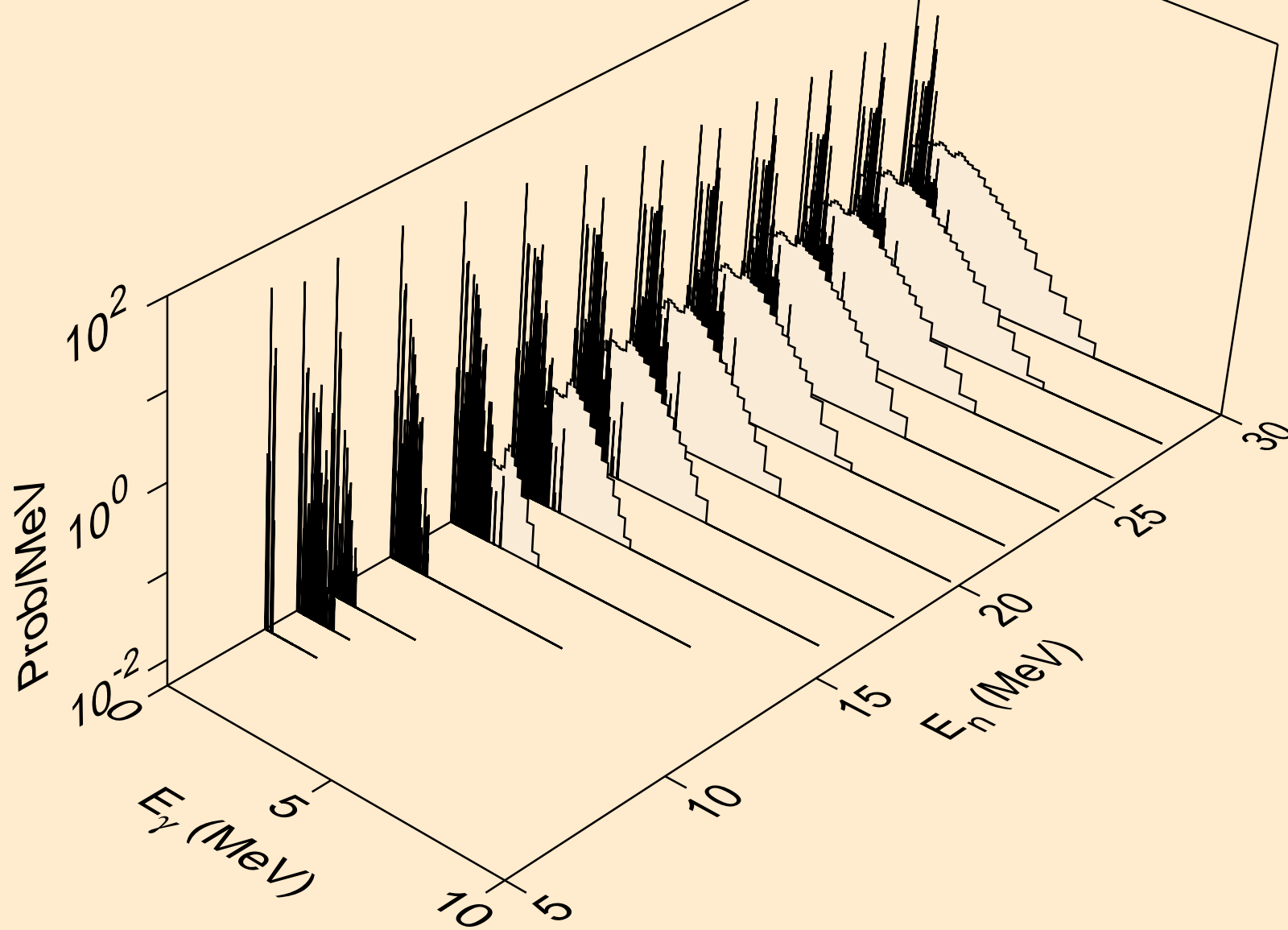
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



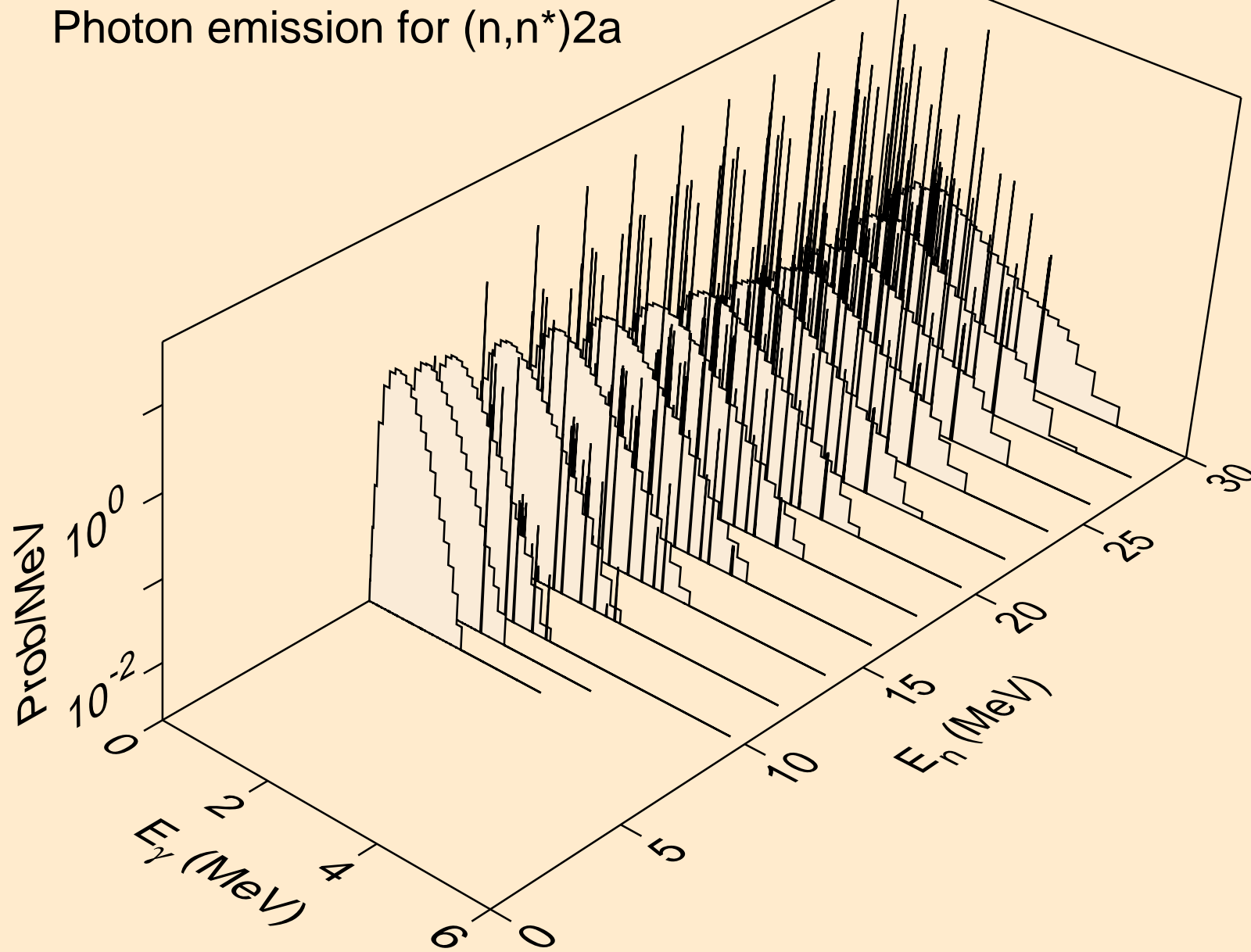
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



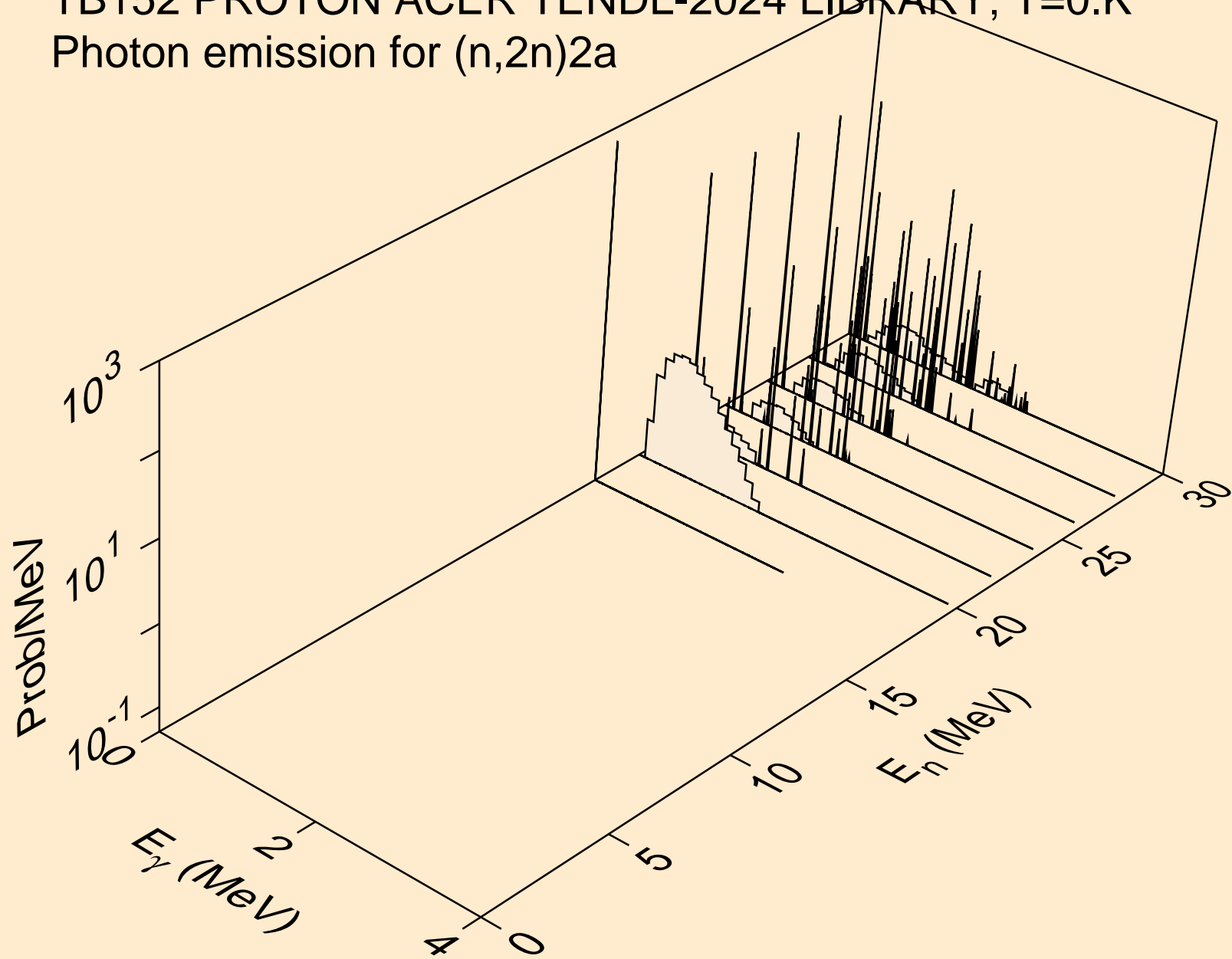
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



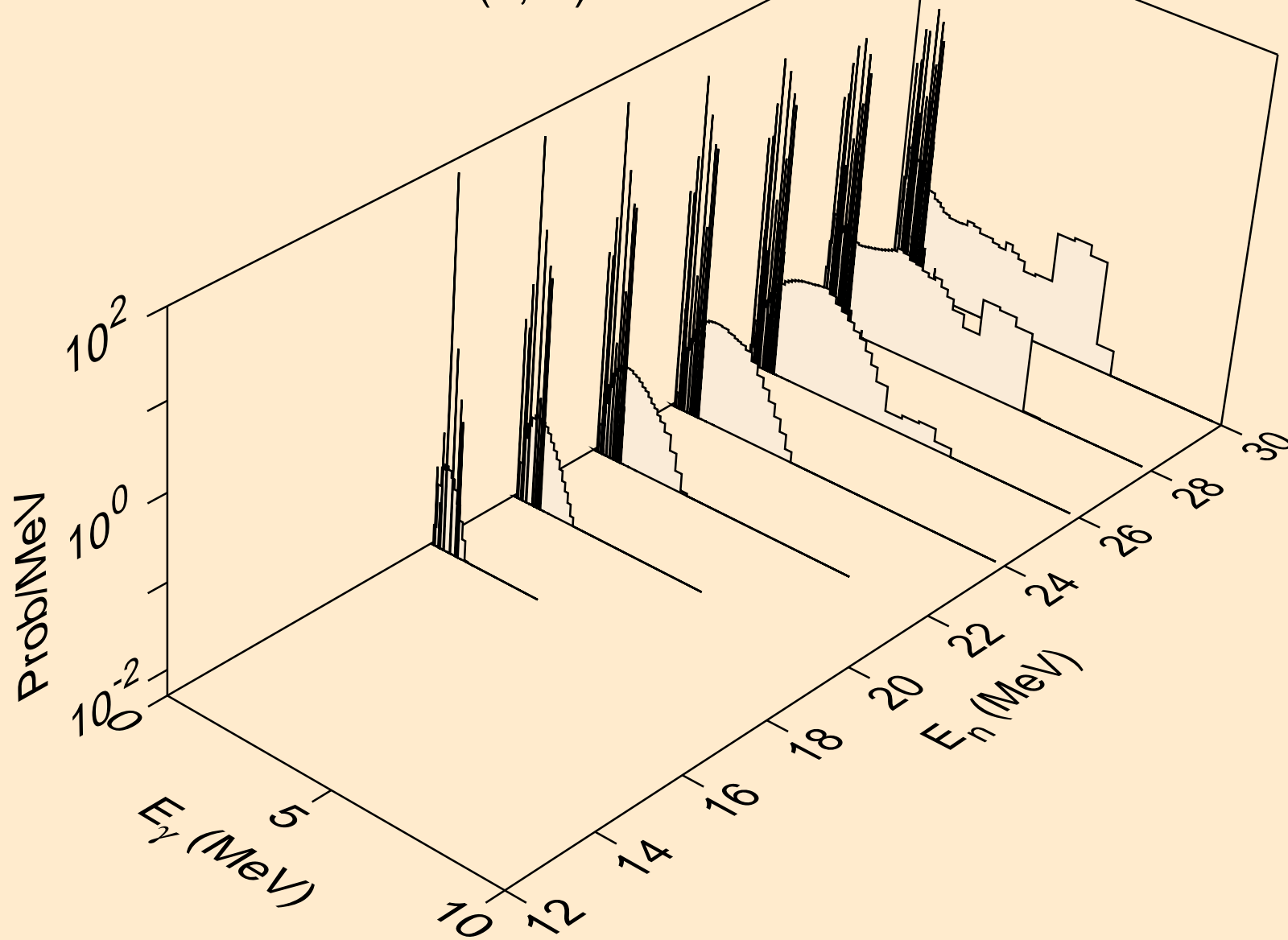
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



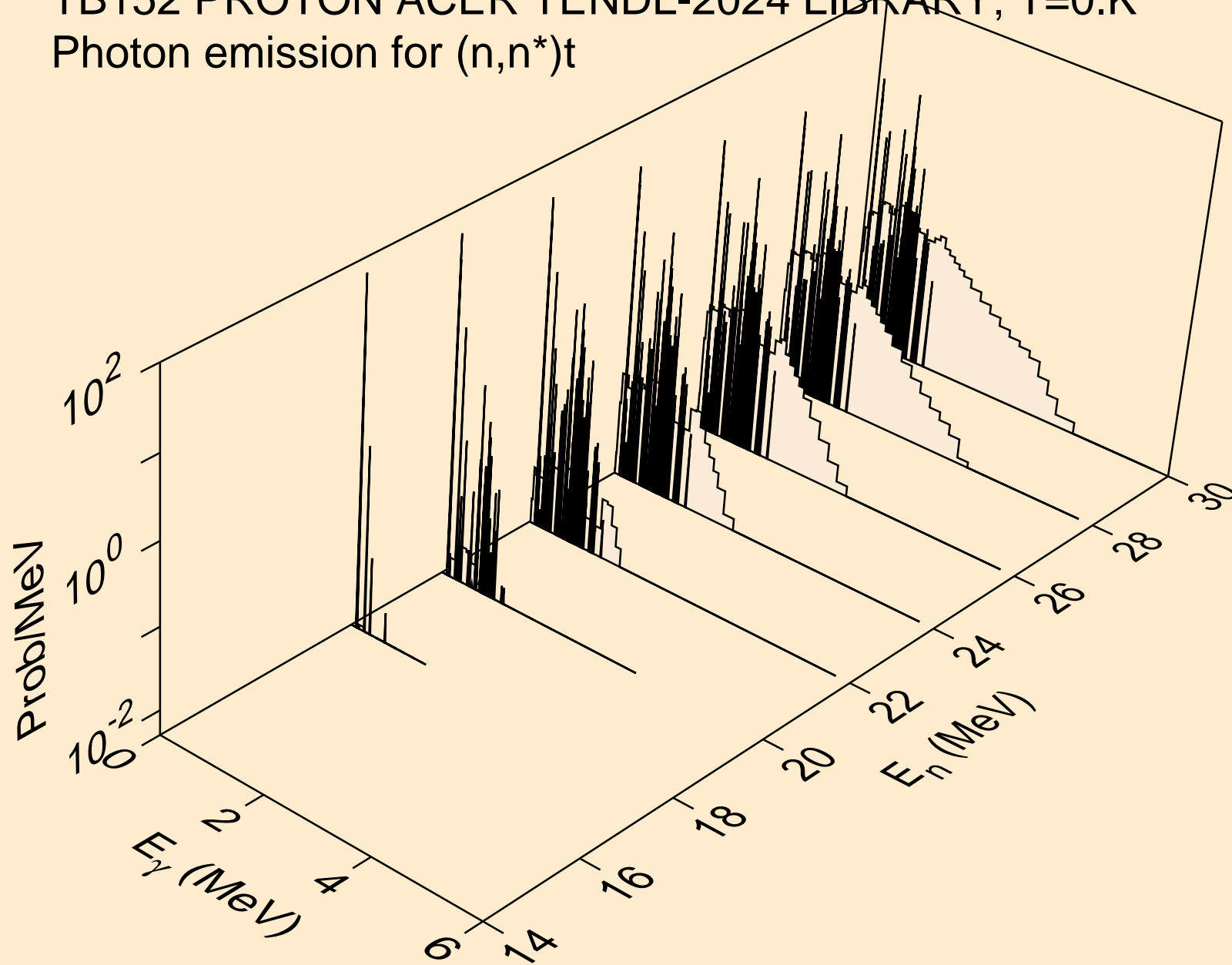
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



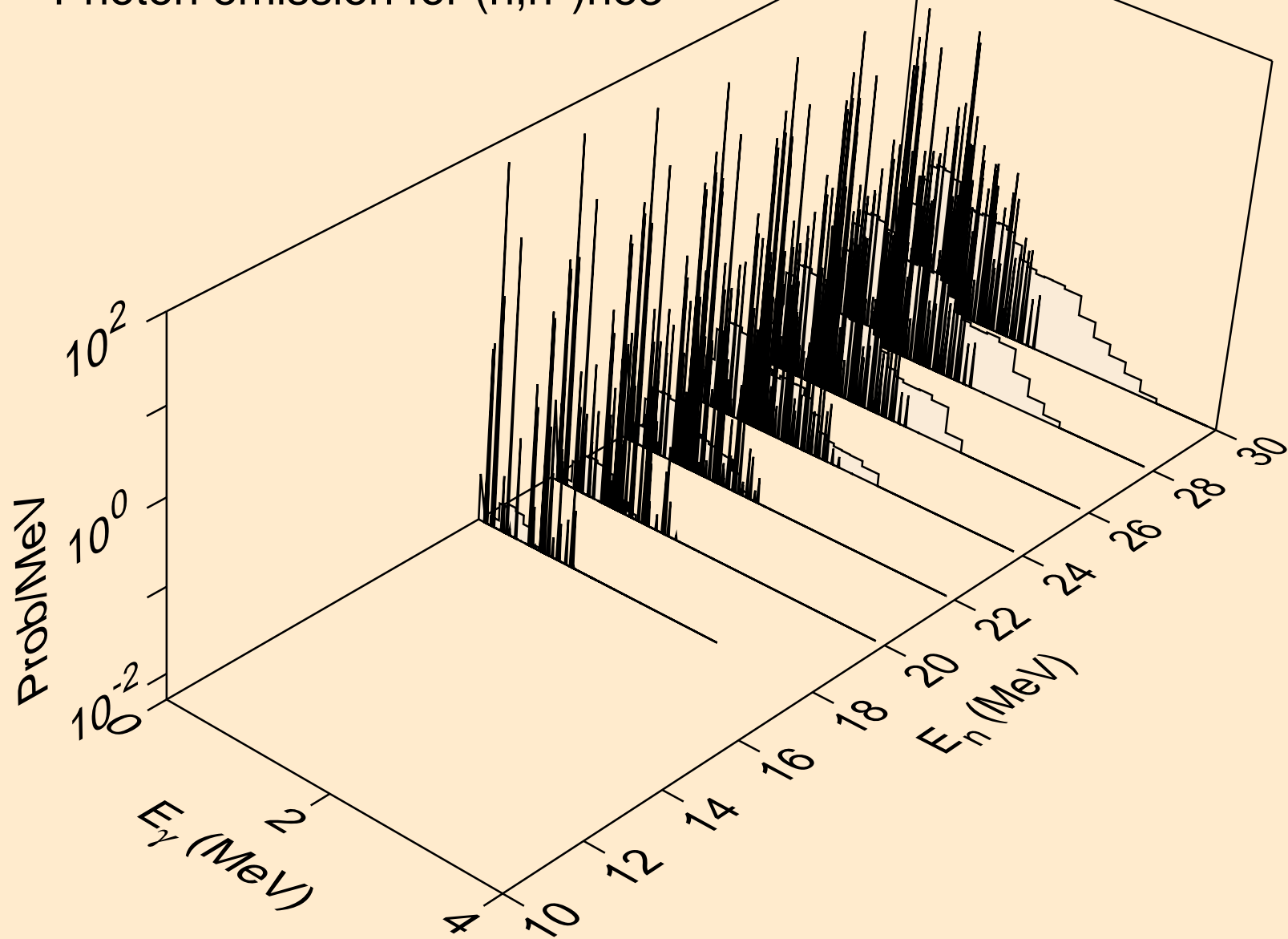
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



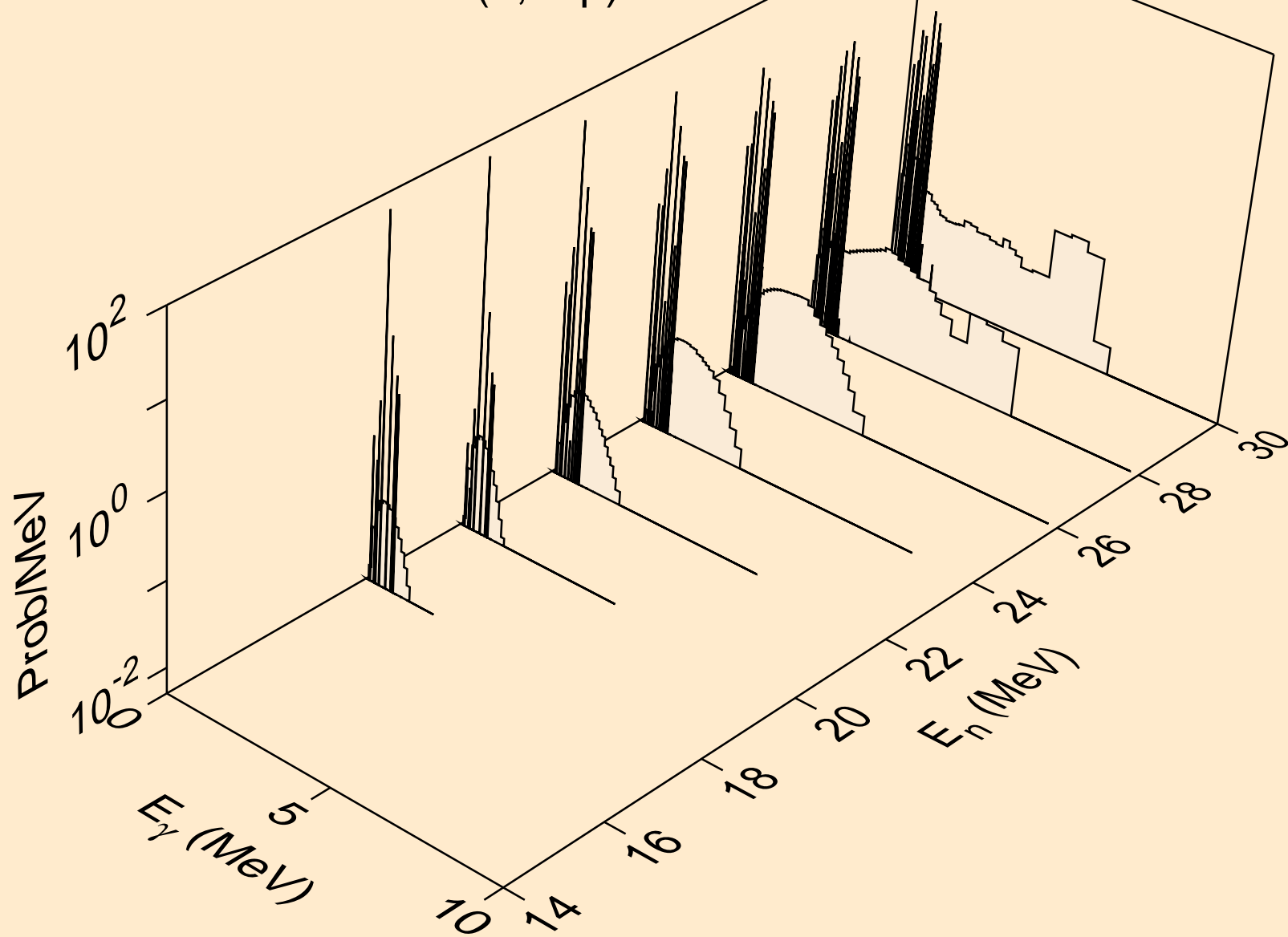
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



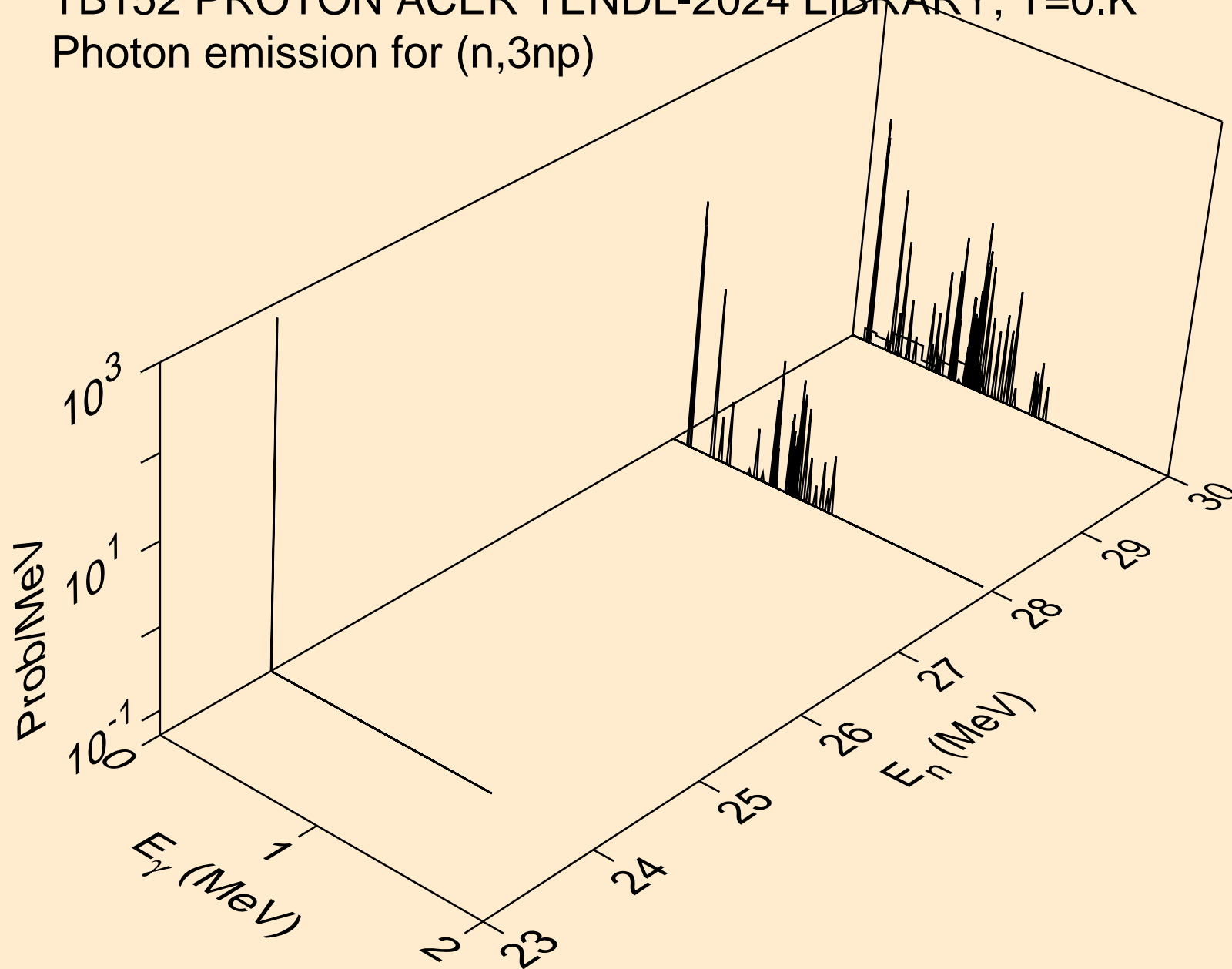
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



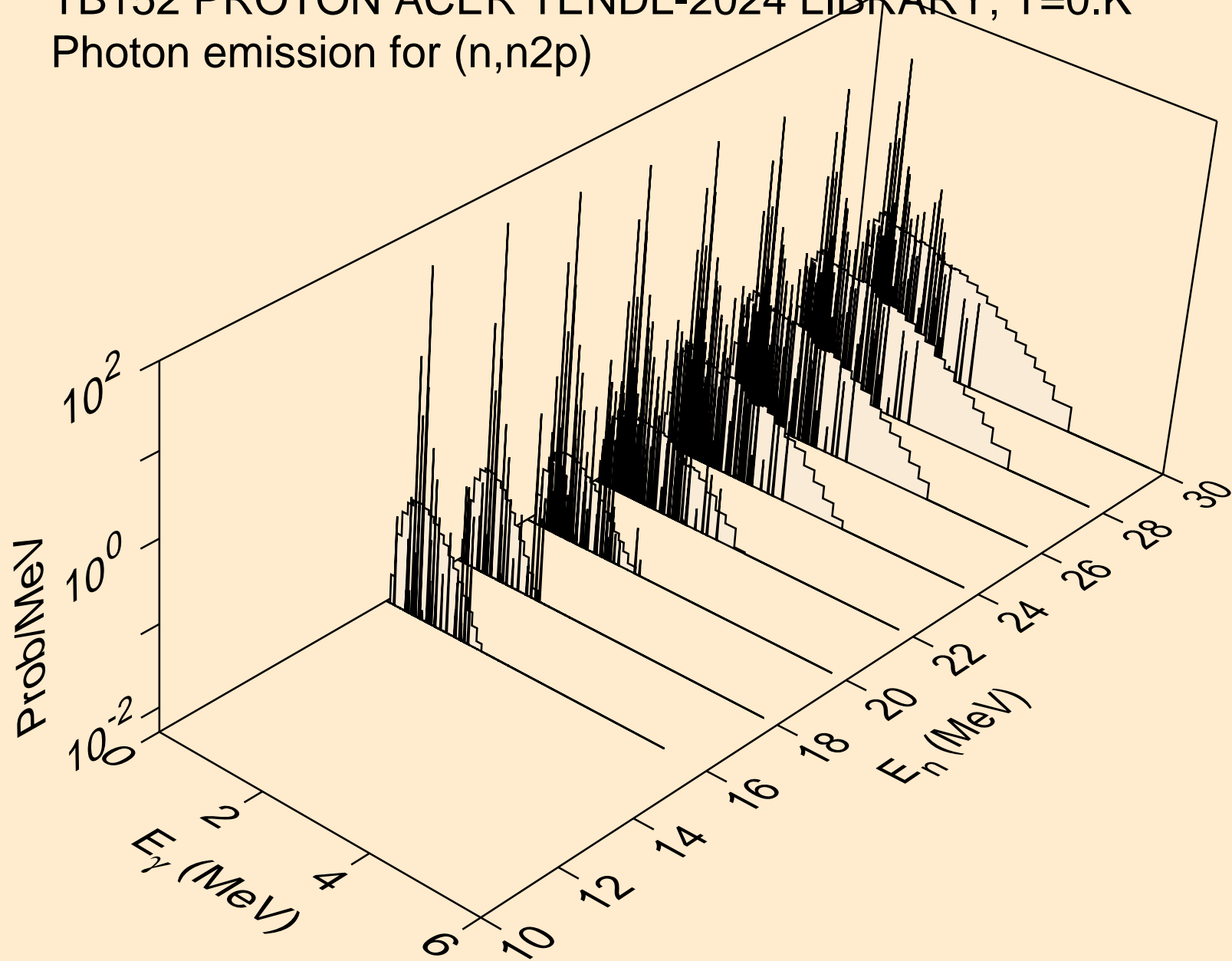
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



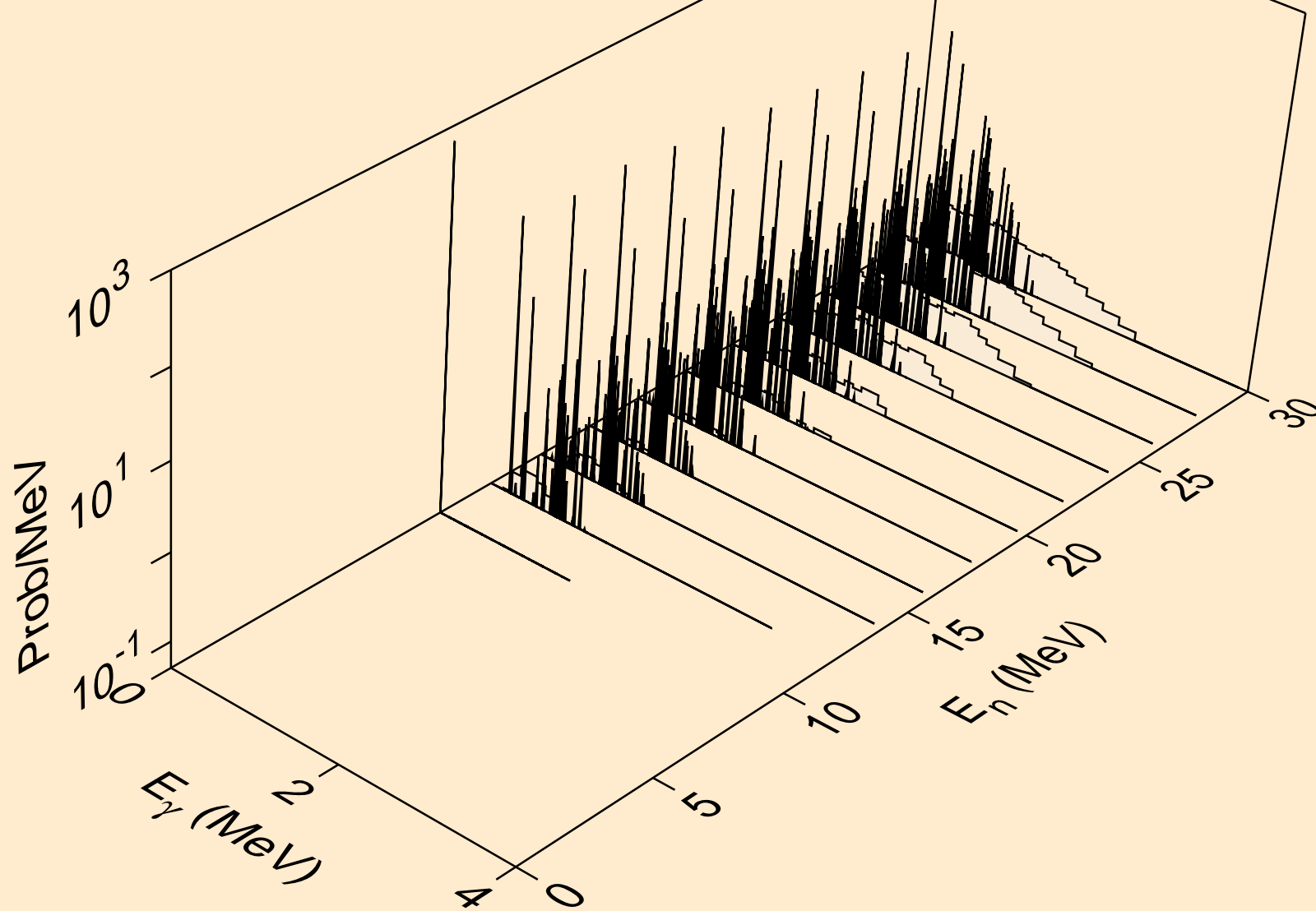
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



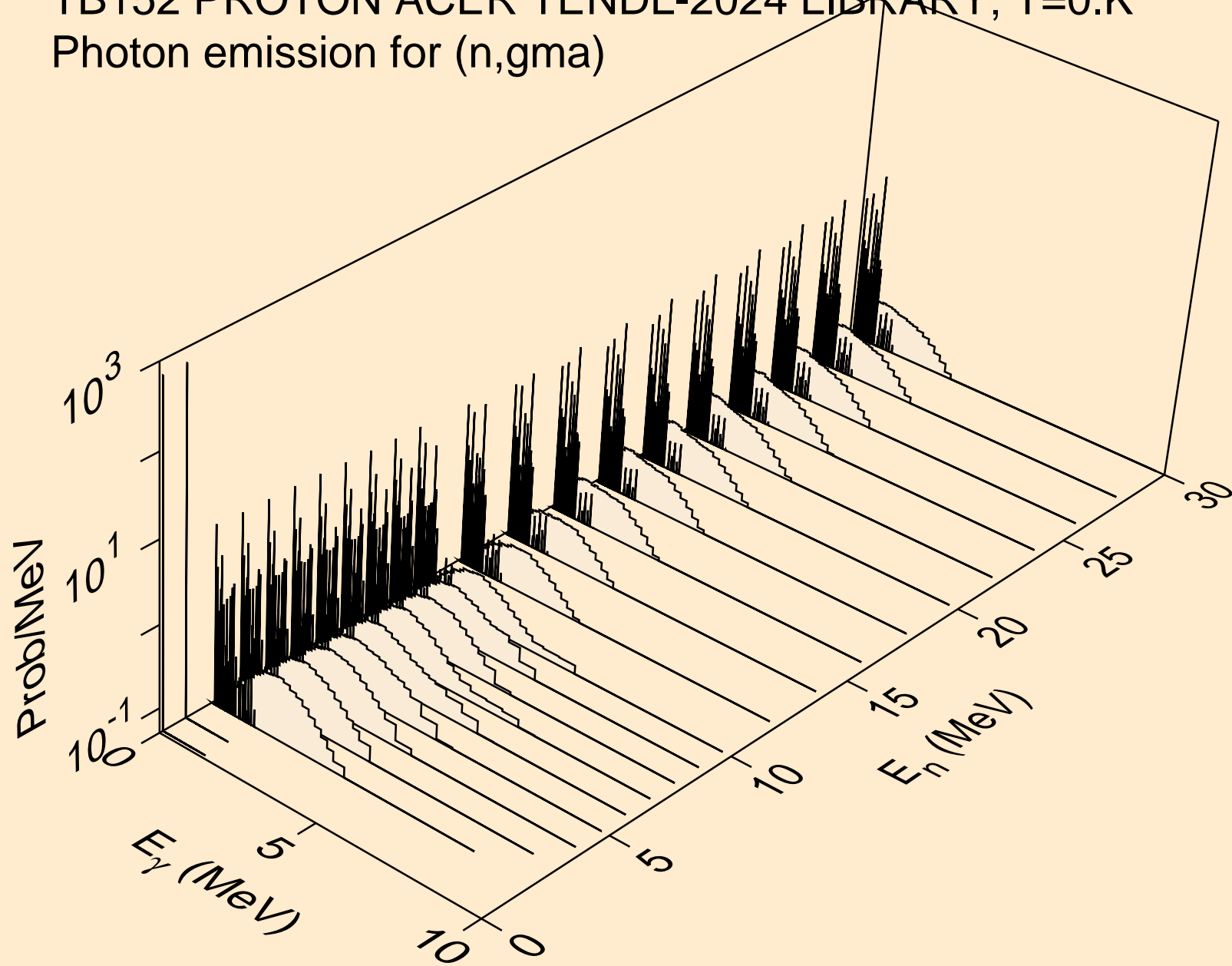
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



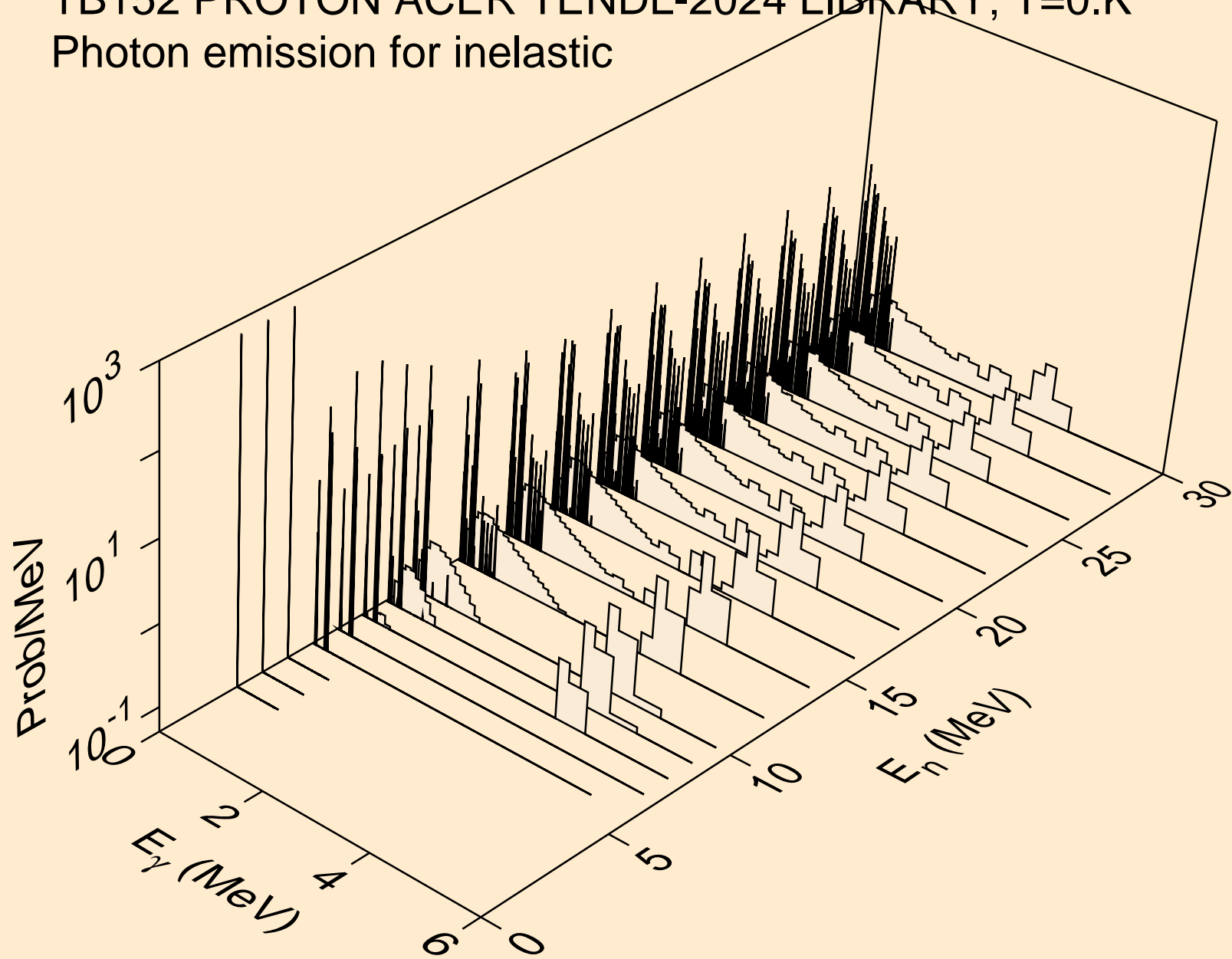
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



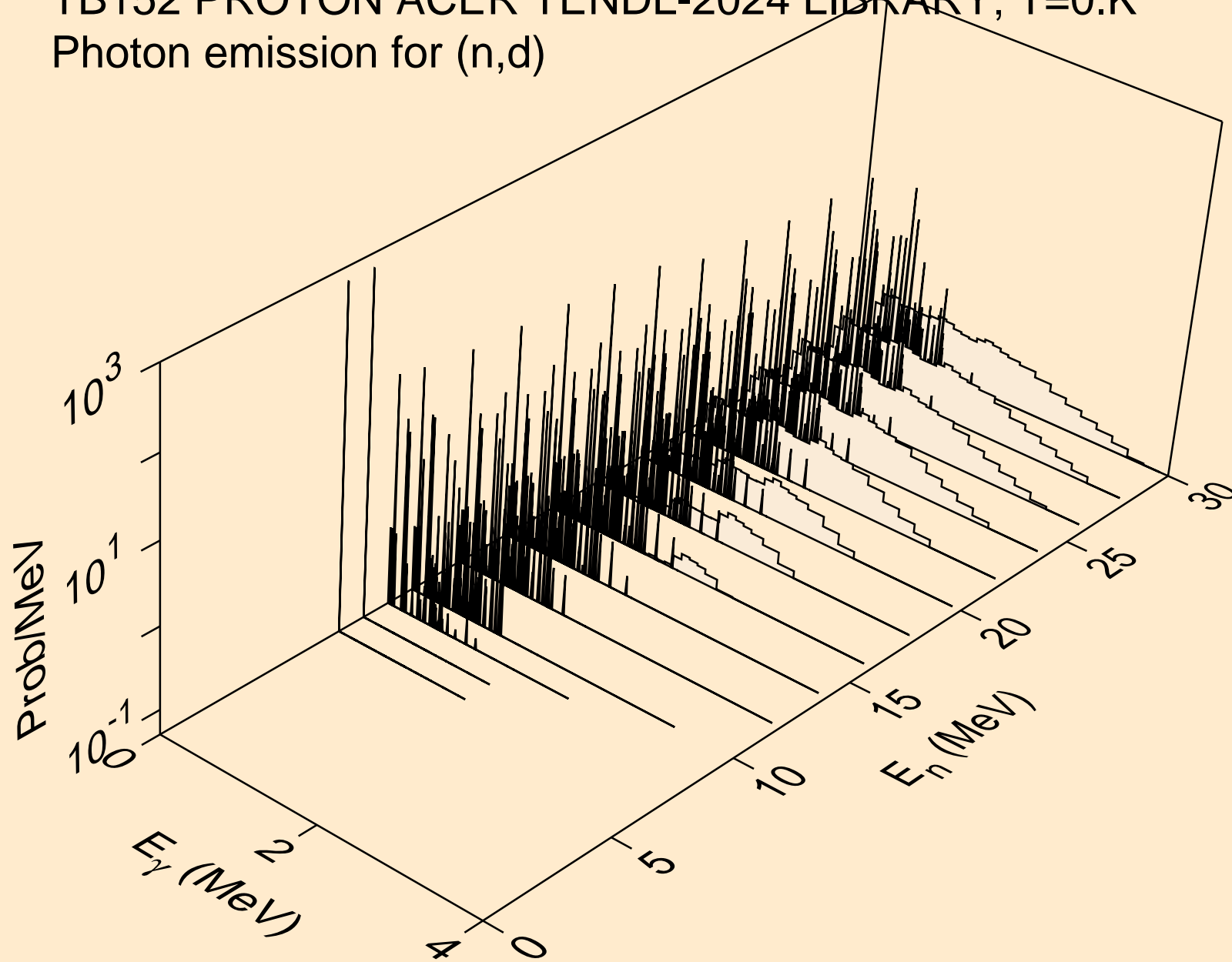
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



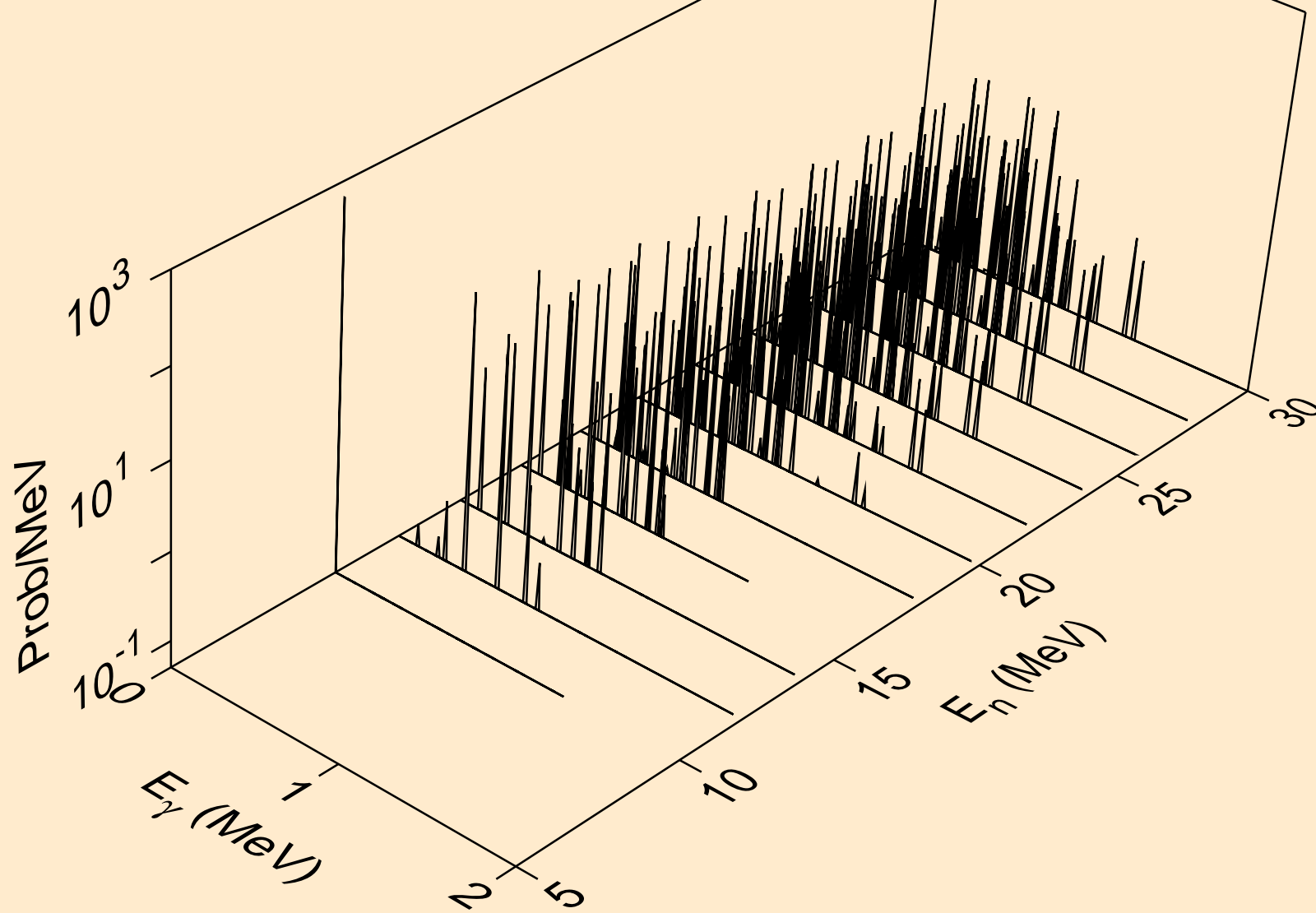
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



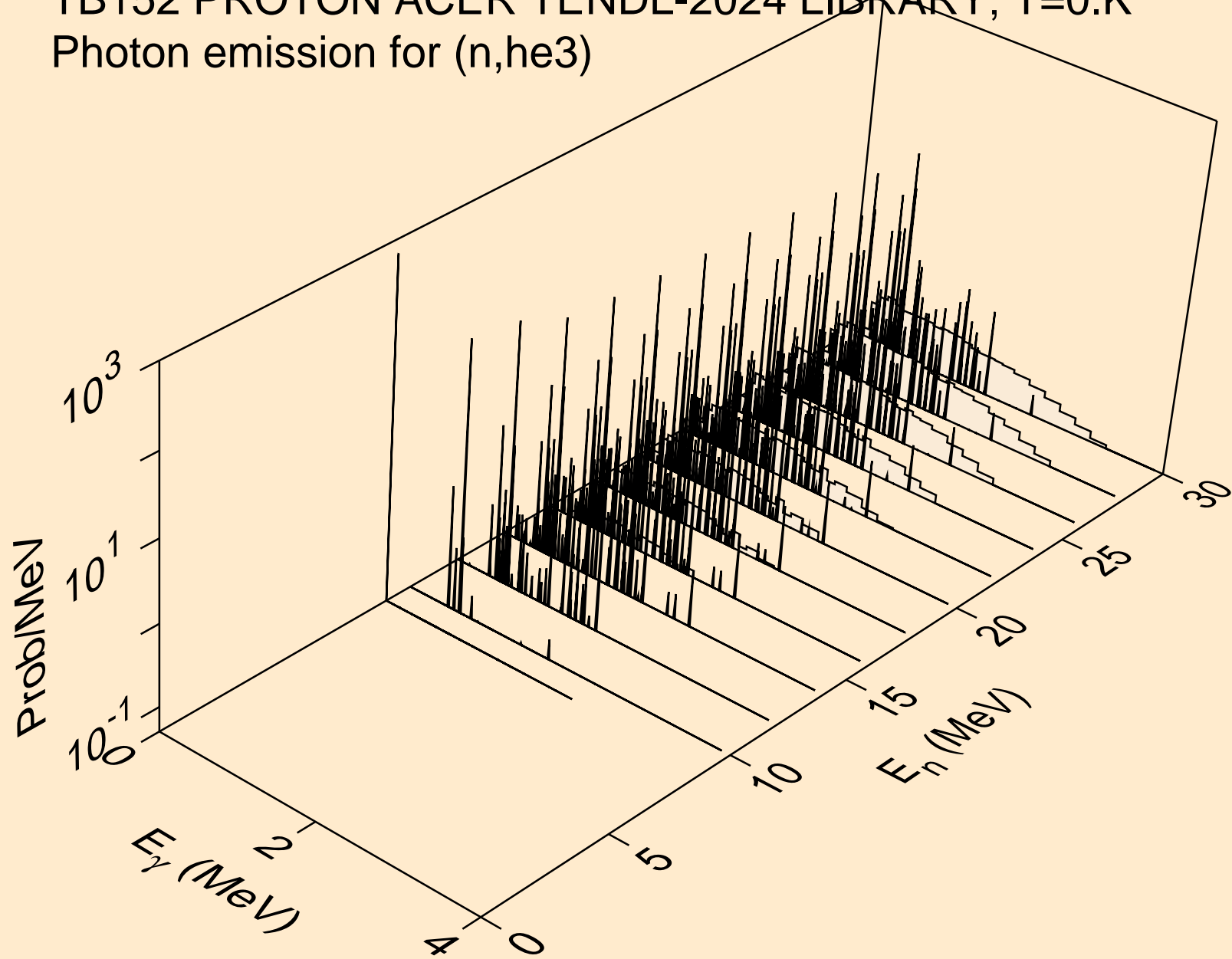
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



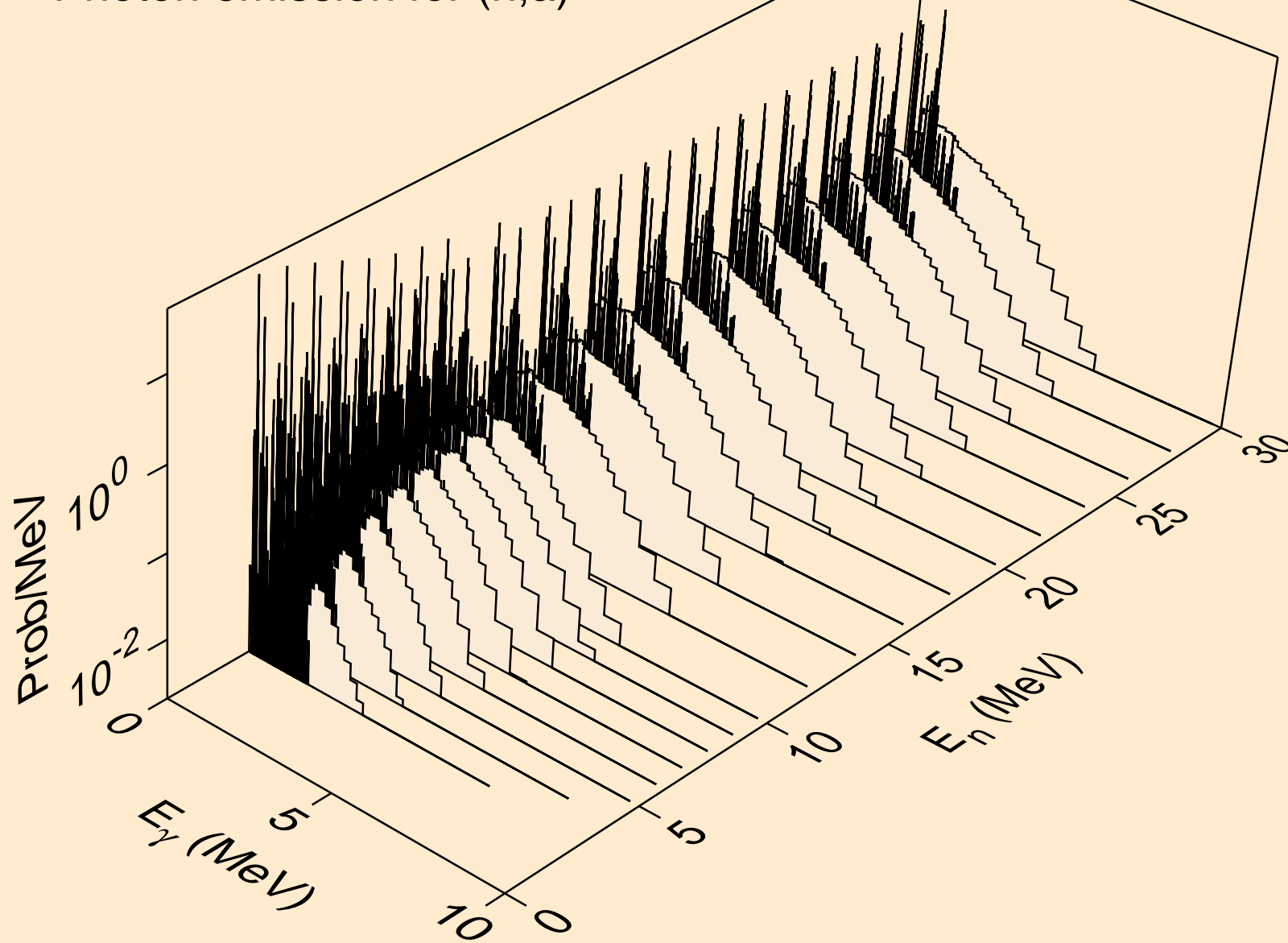
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



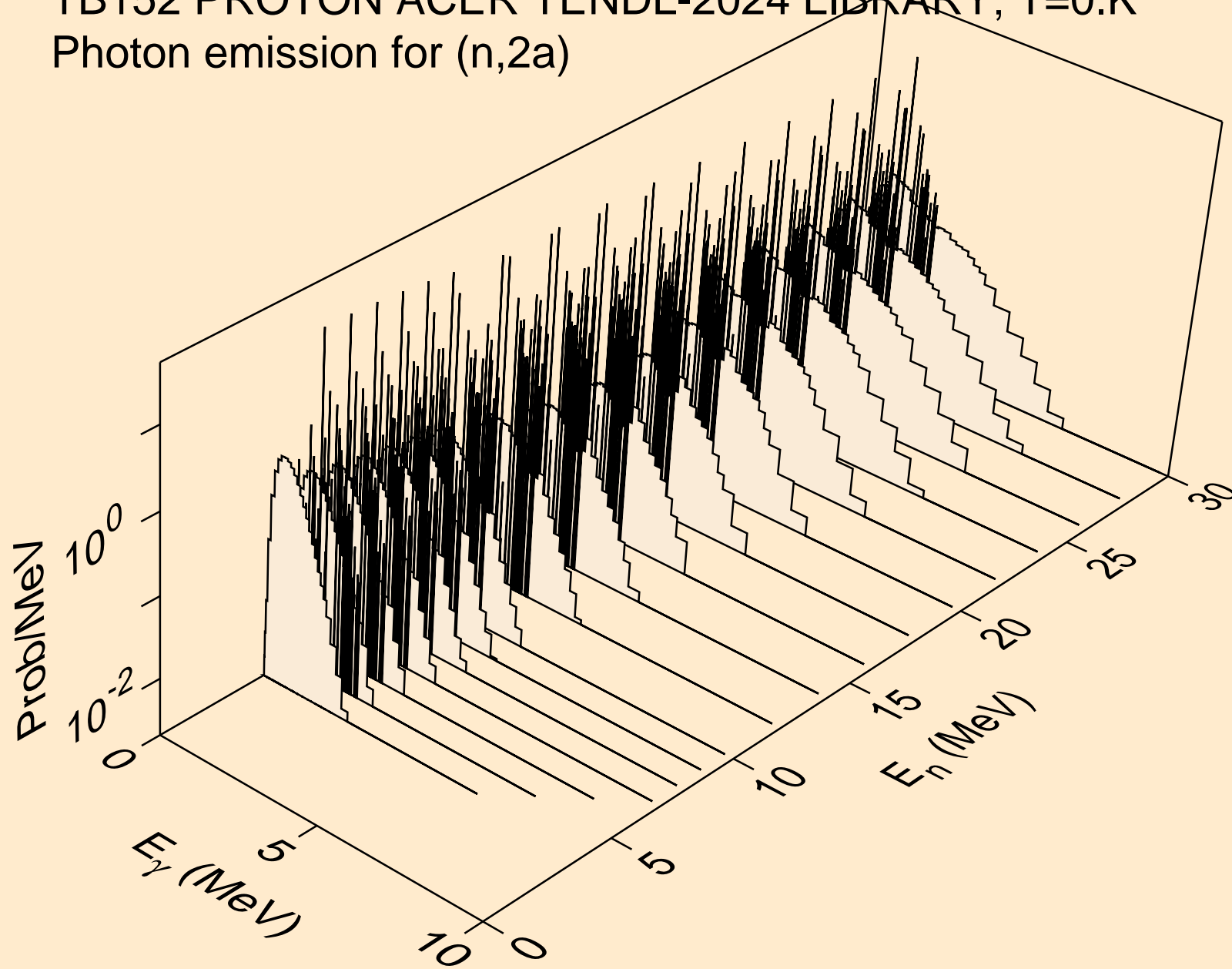
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



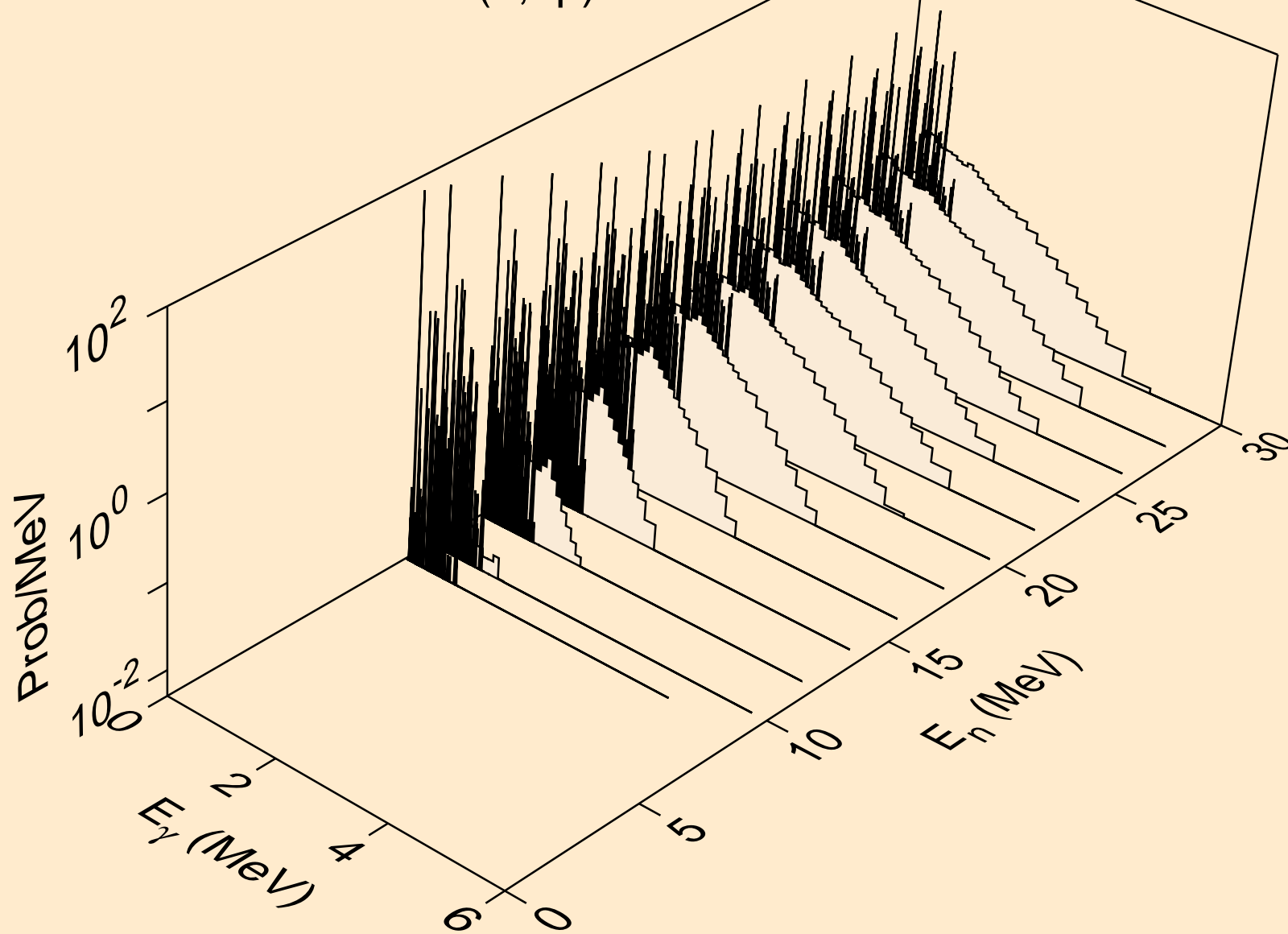
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



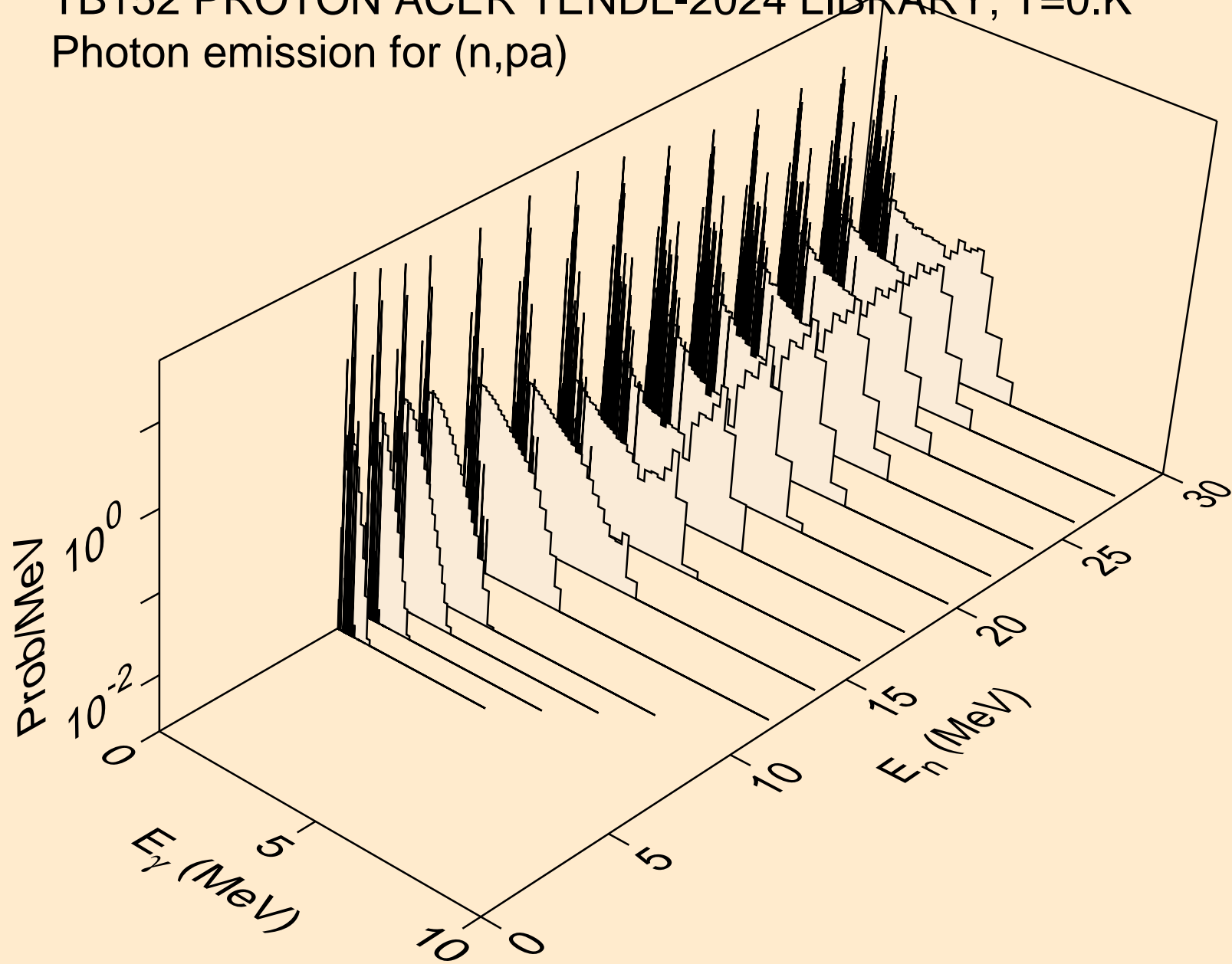
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



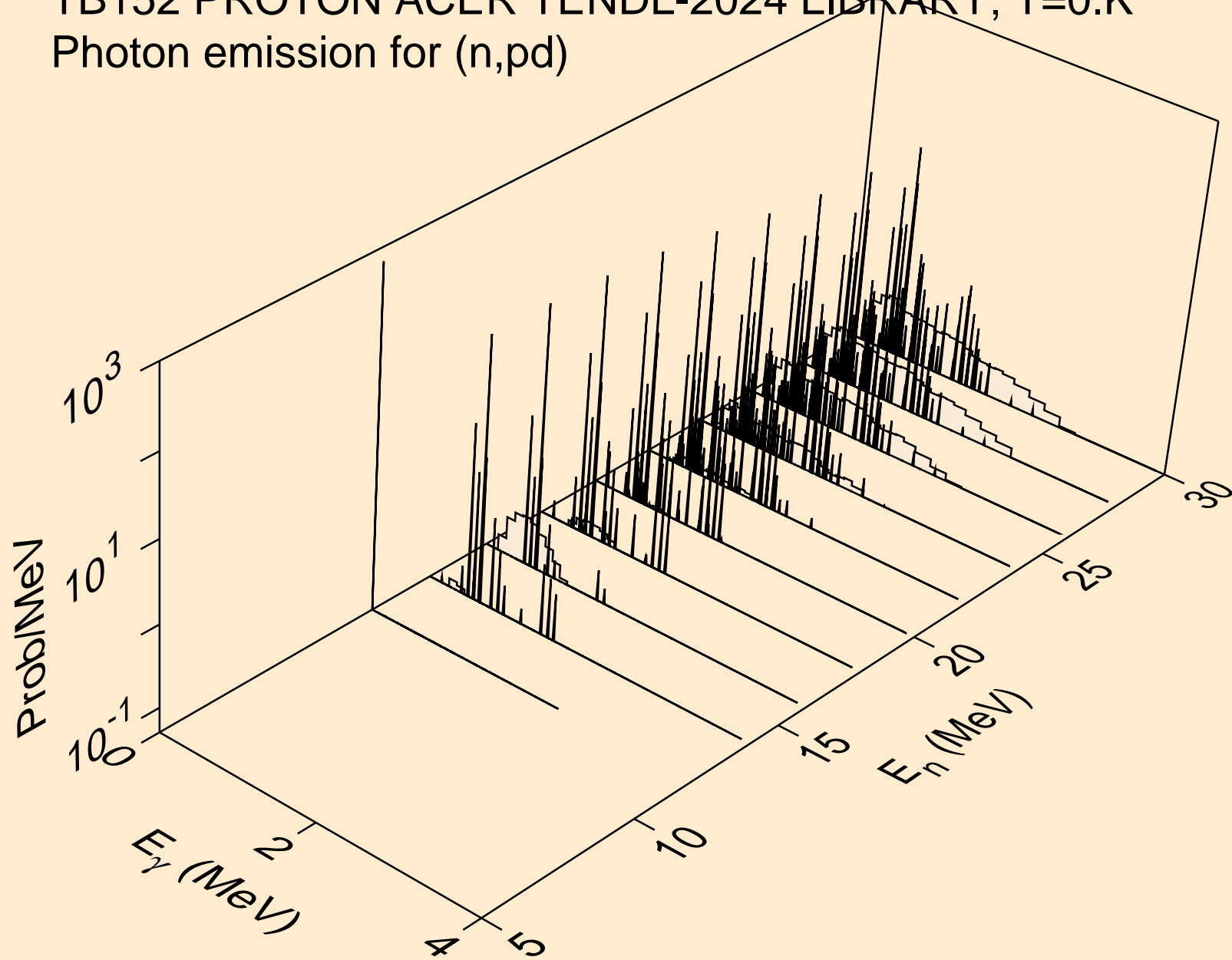
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



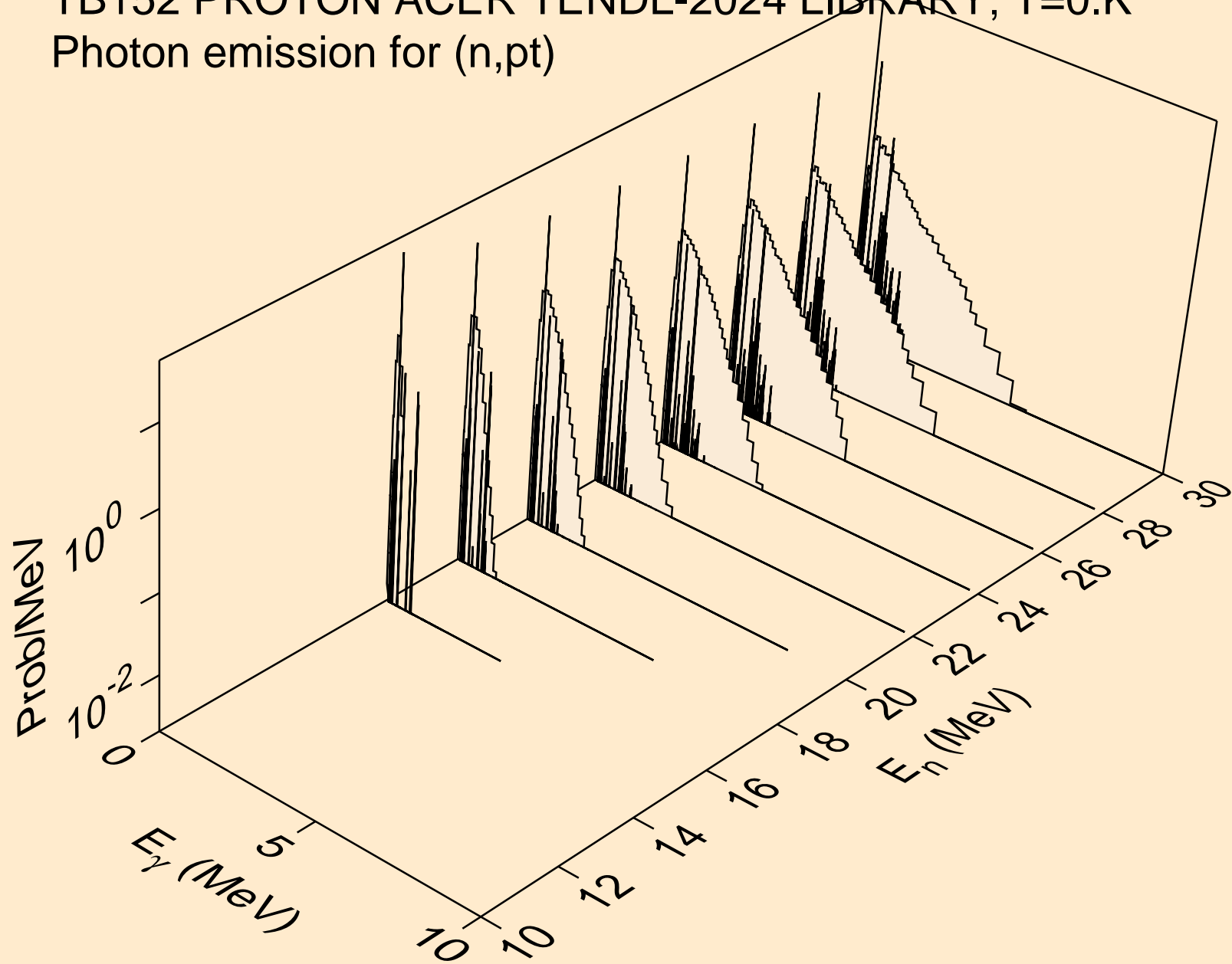
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



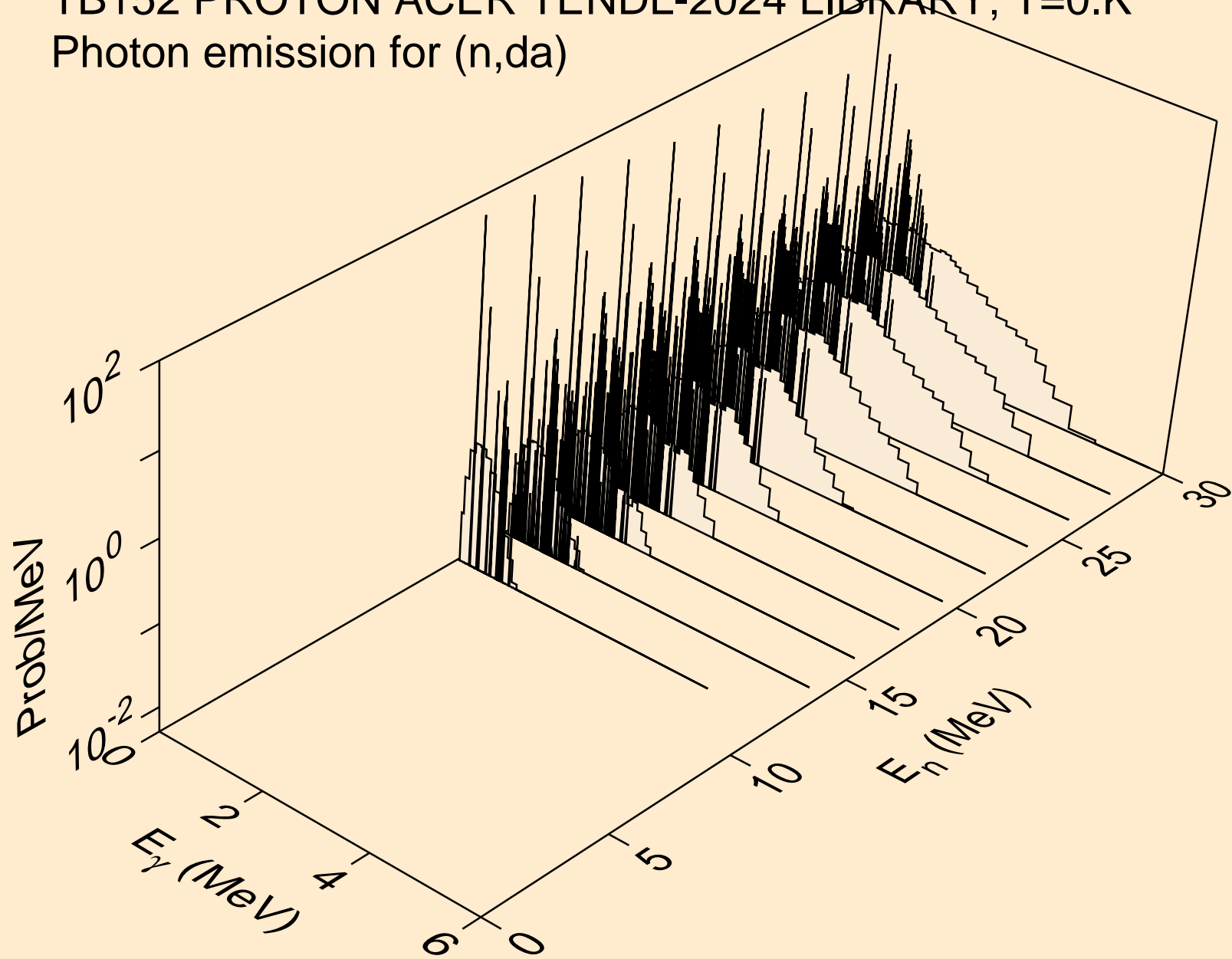
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



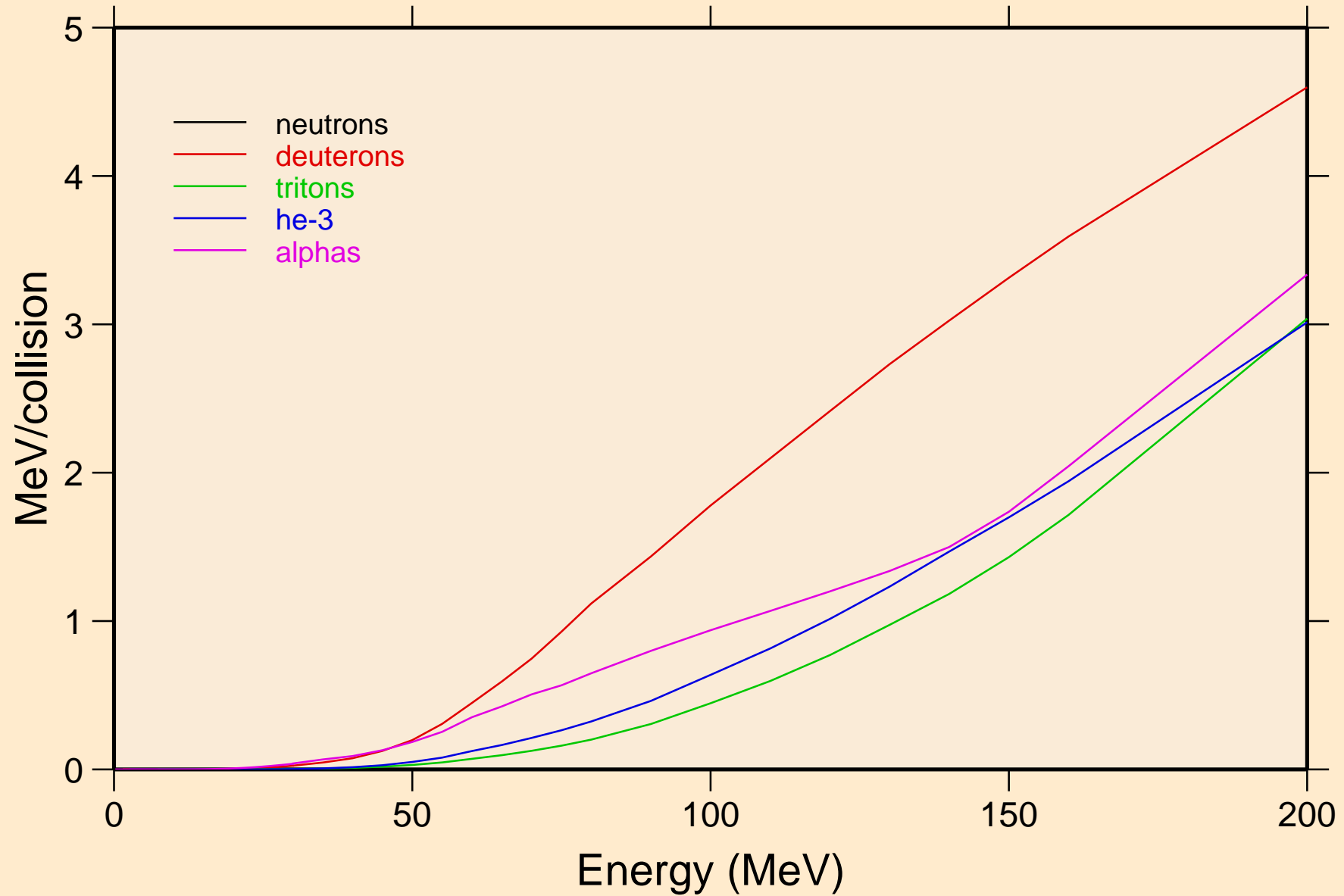
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

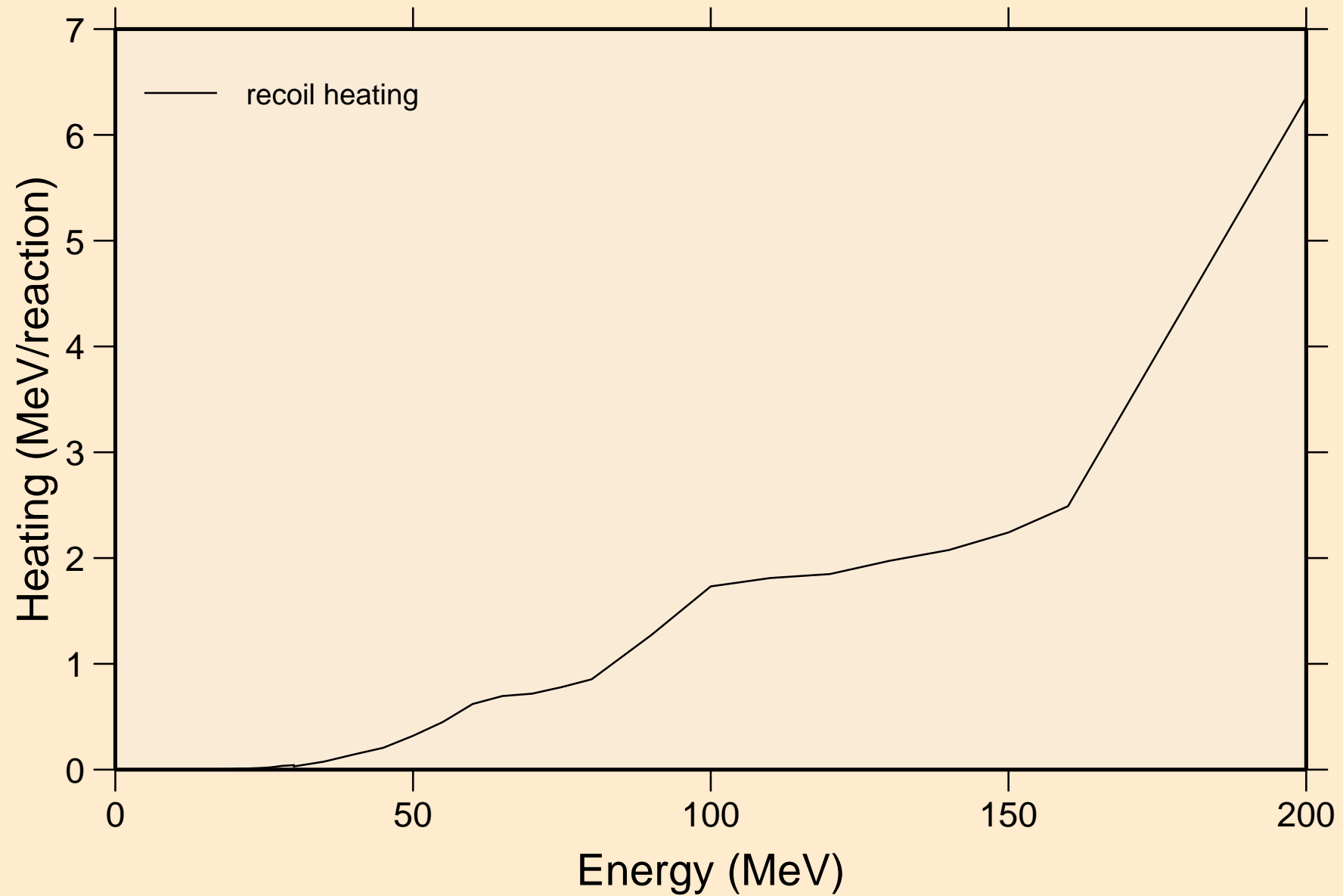


TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

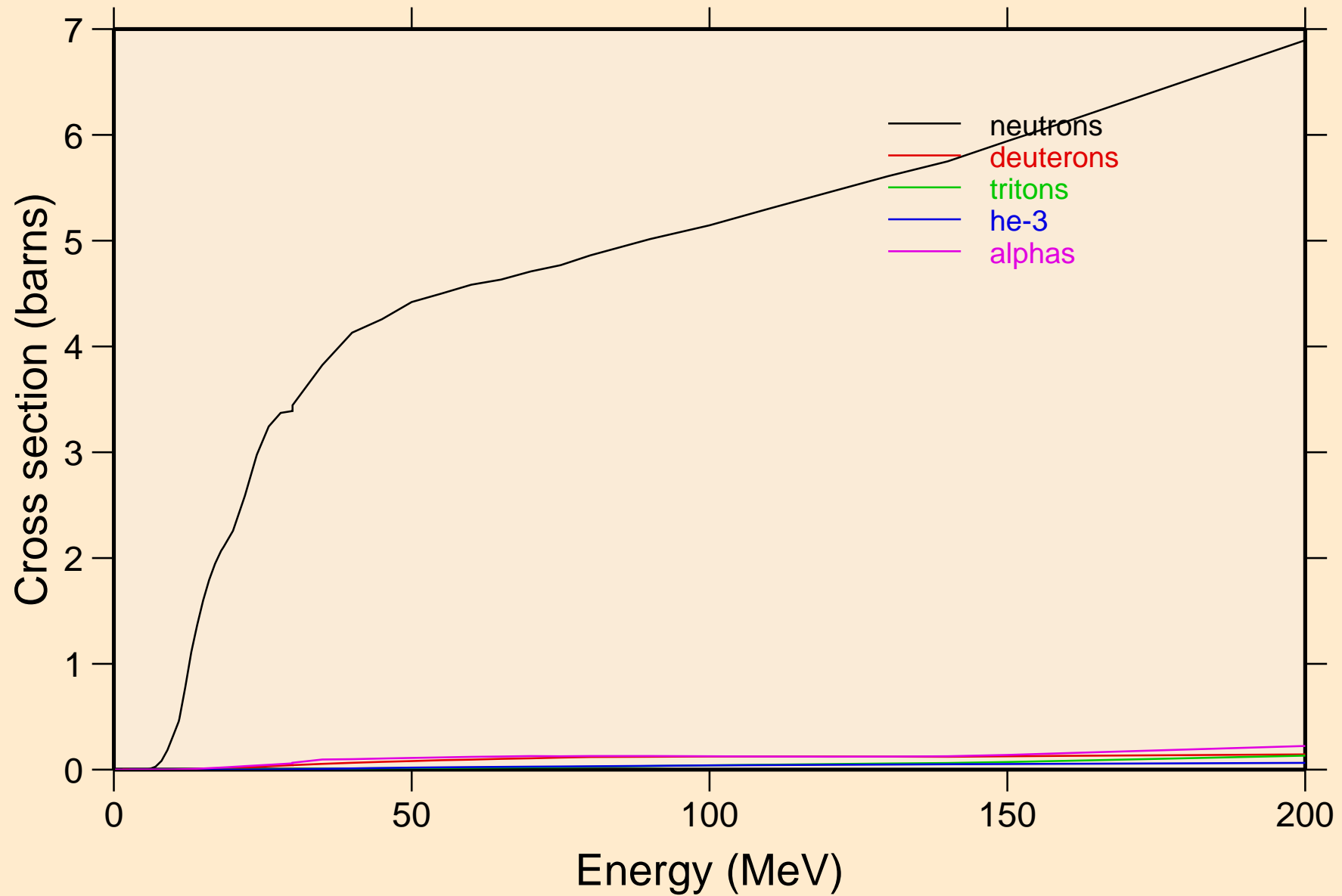


# TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K

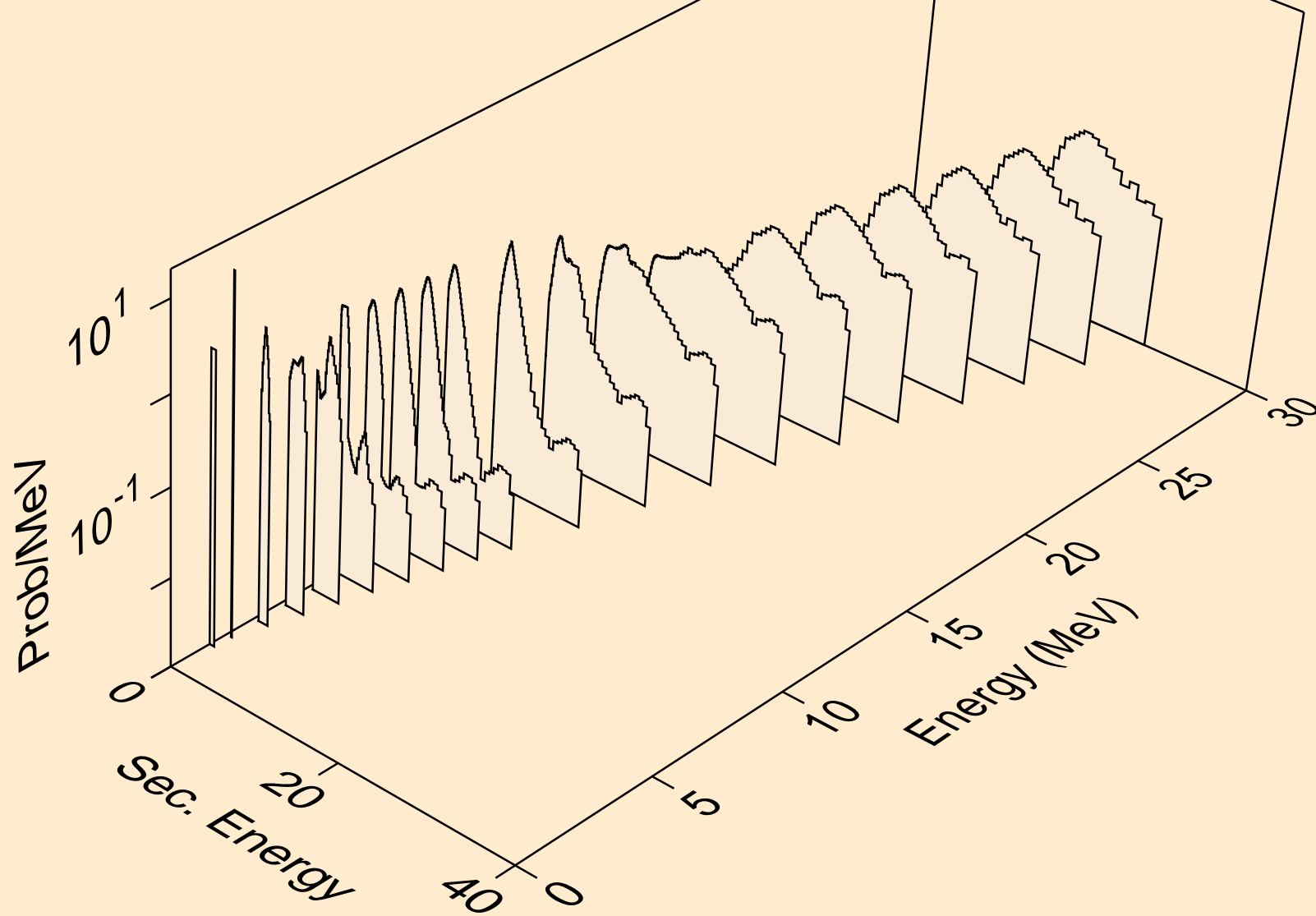
## Recoil Heating



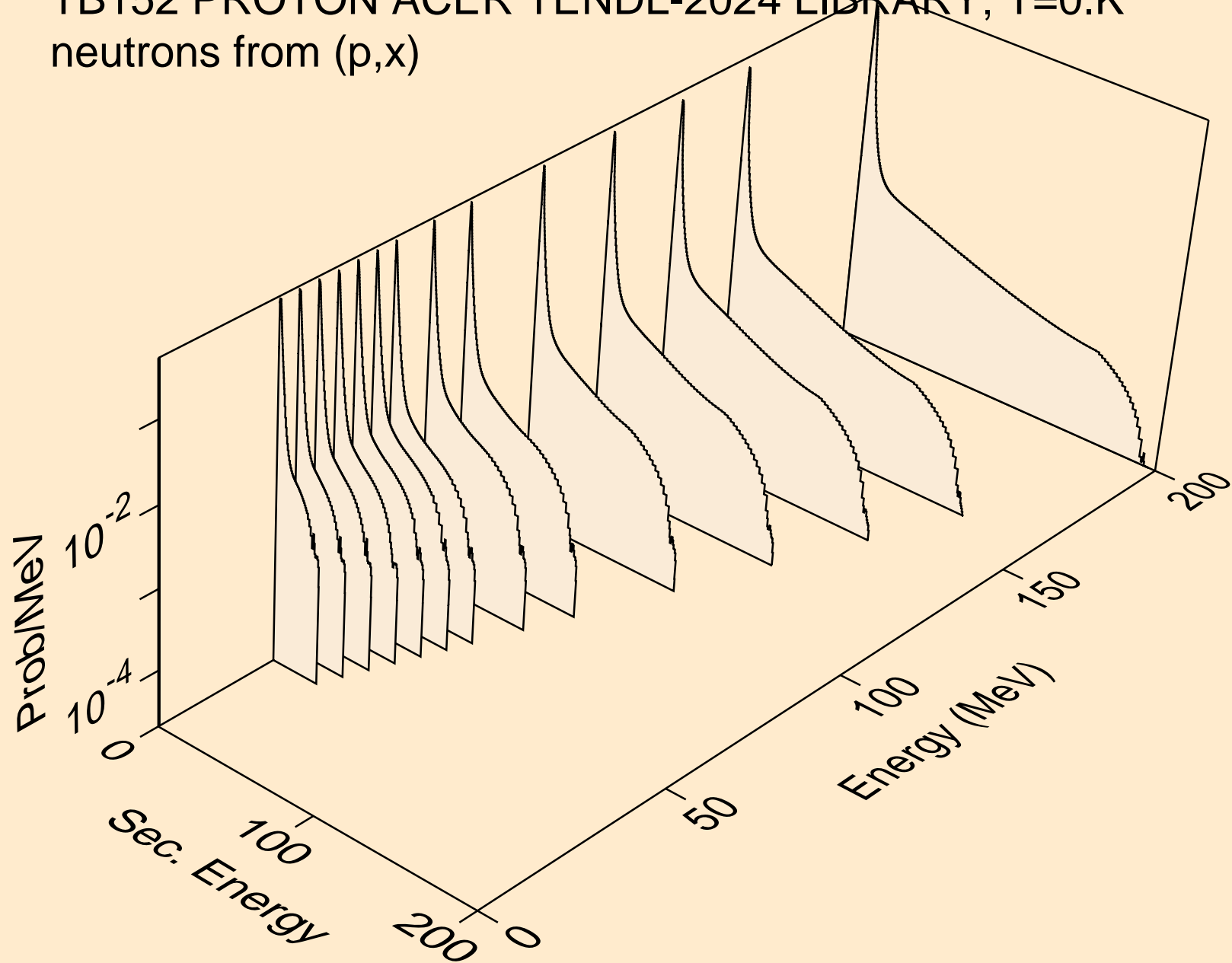
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



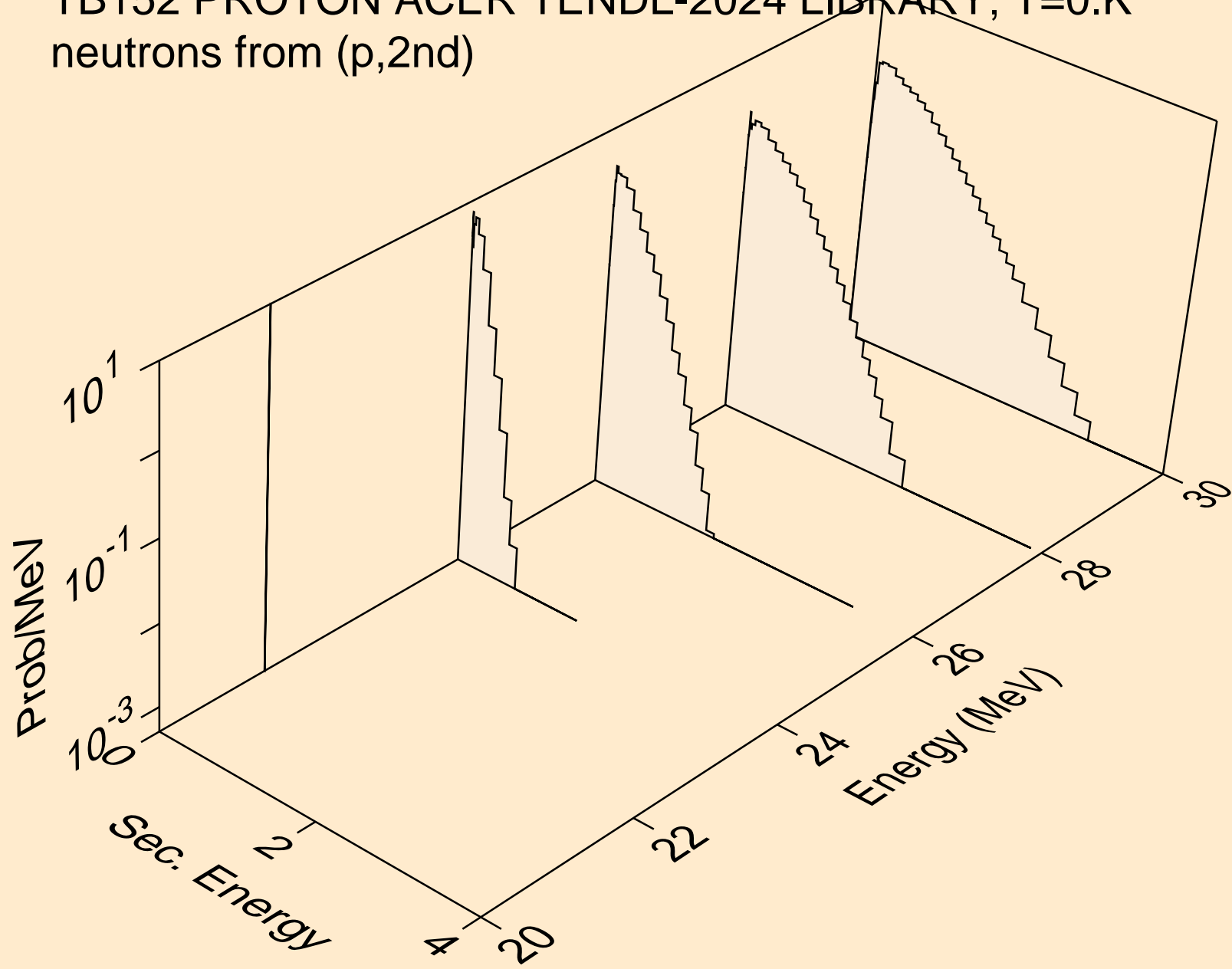
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



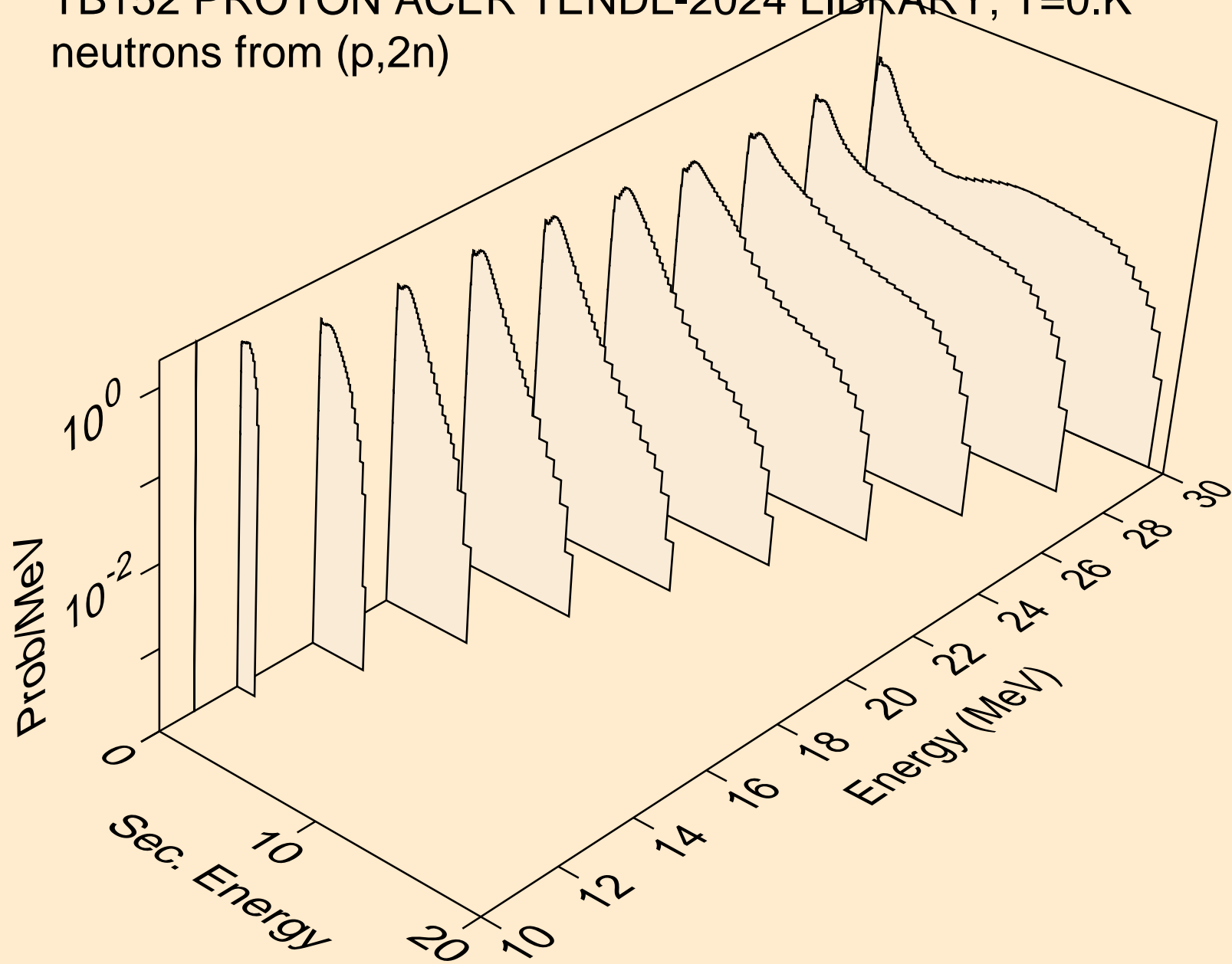
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



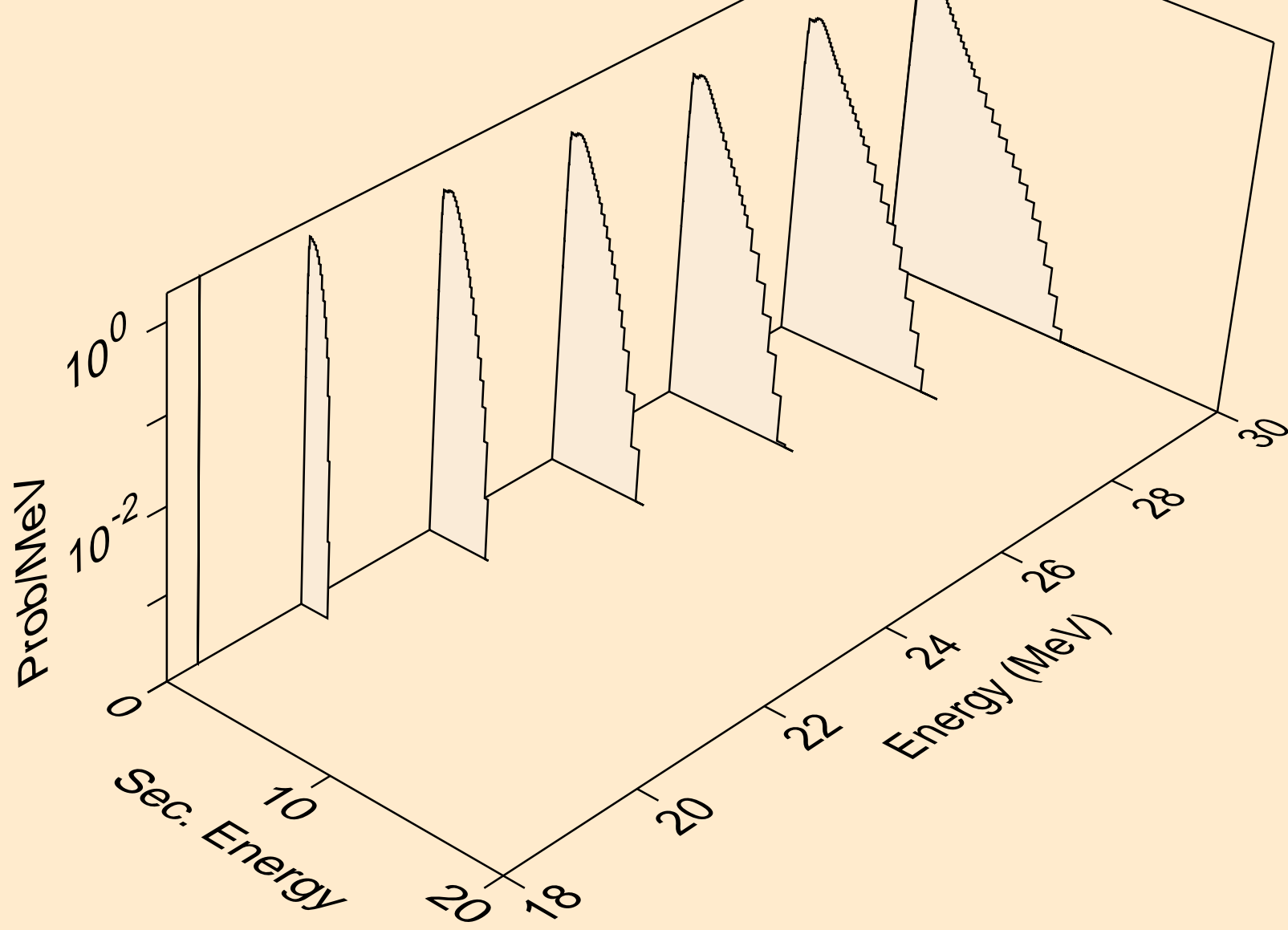
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2nd)



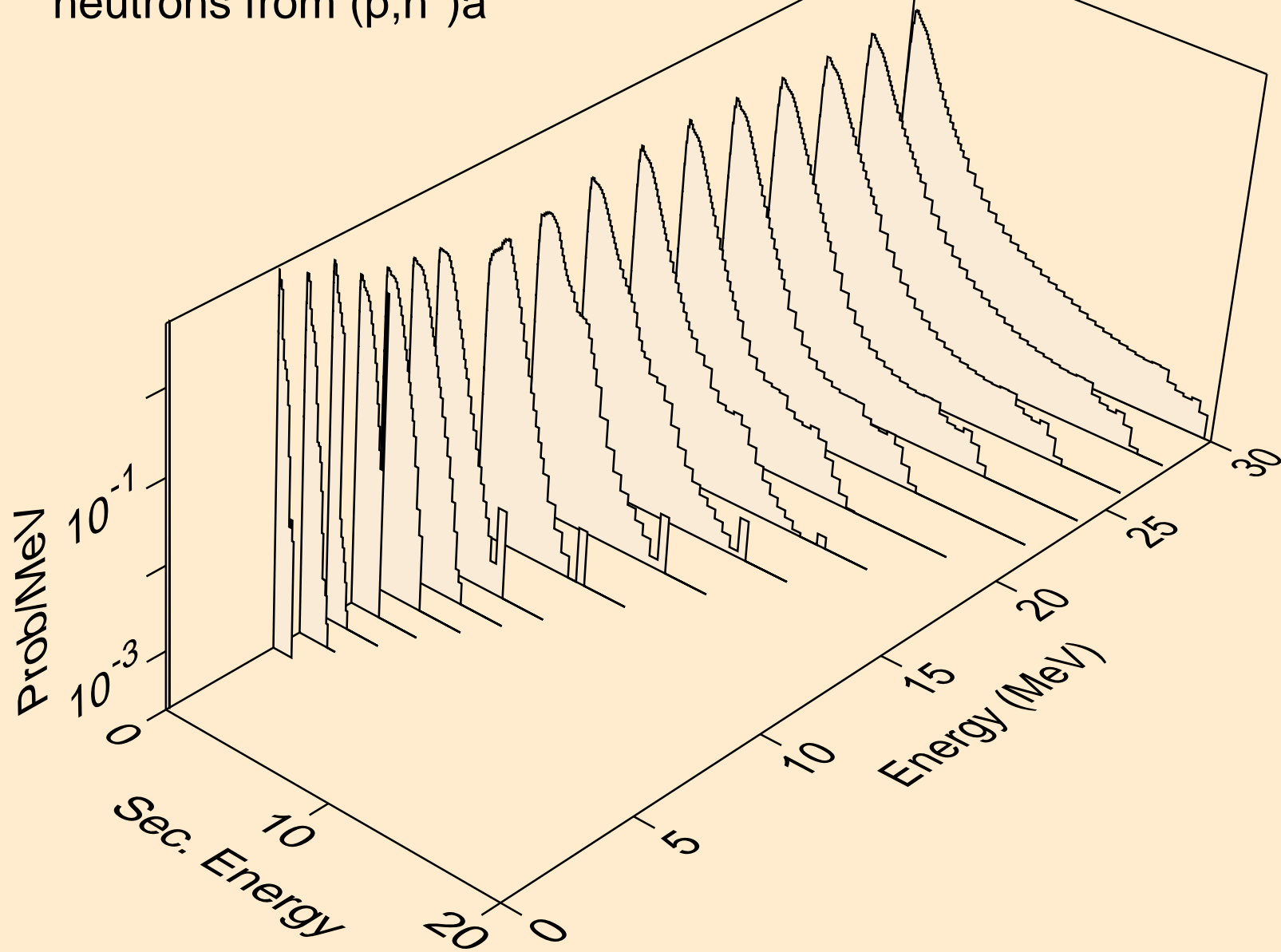
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



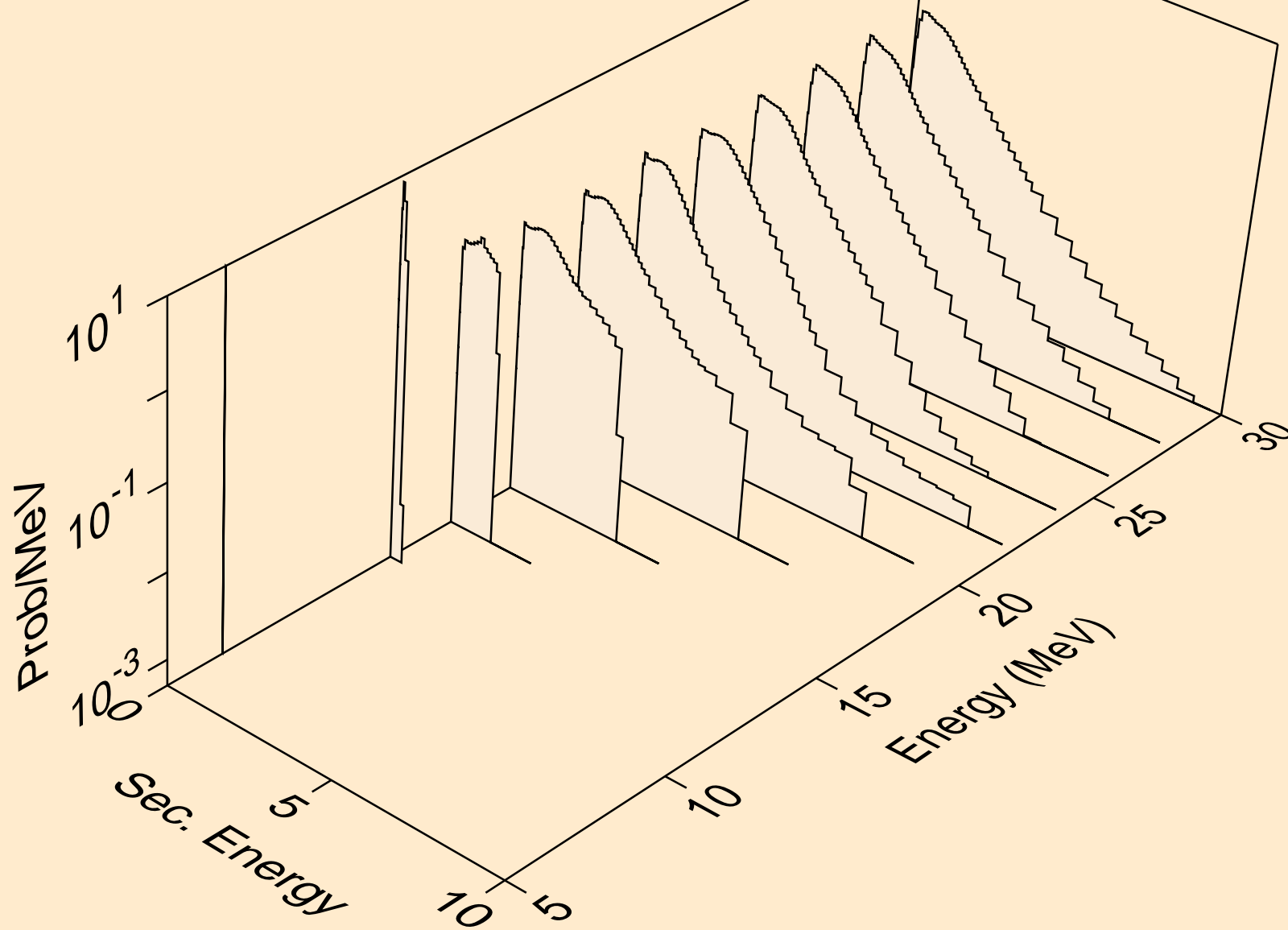
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



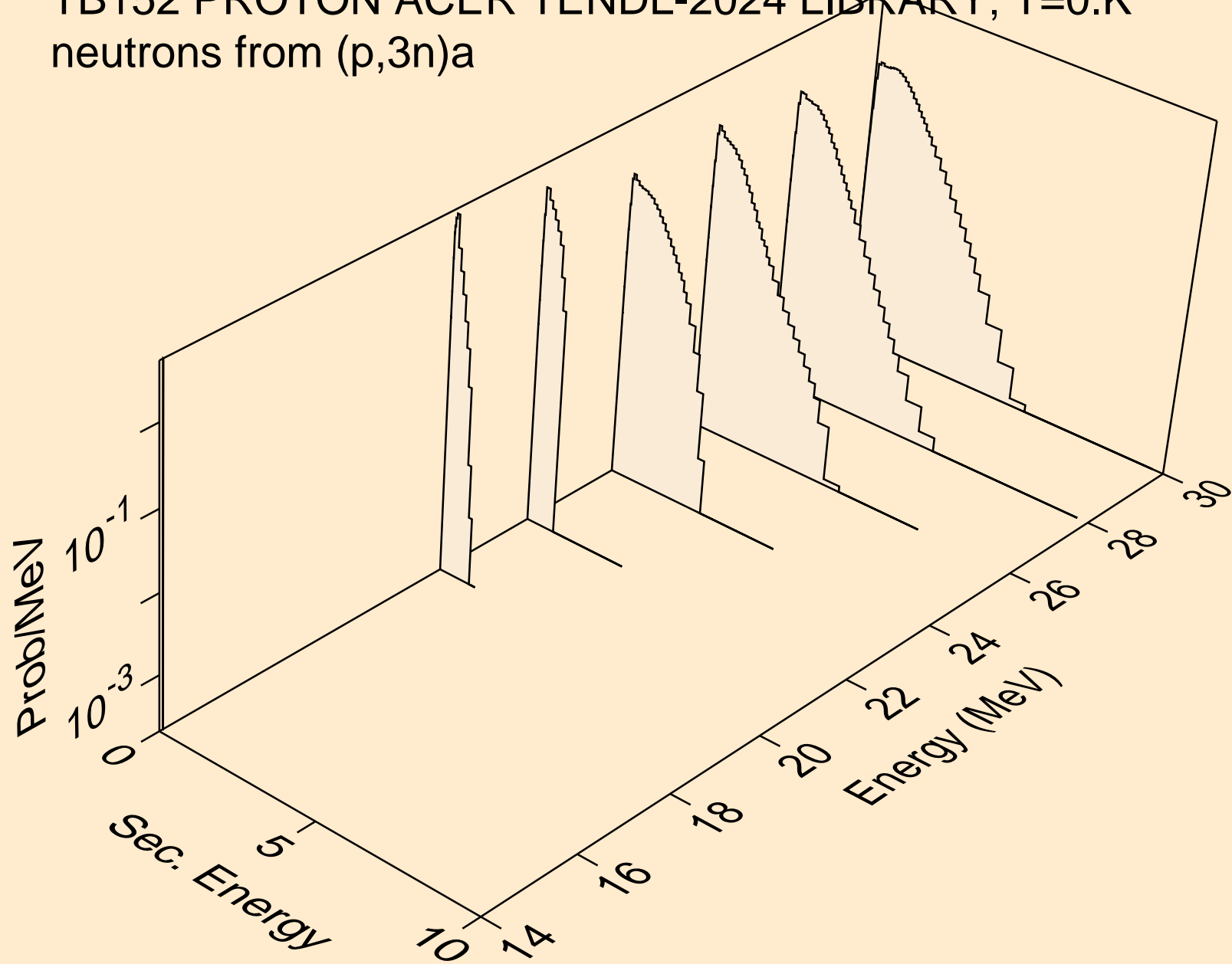
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



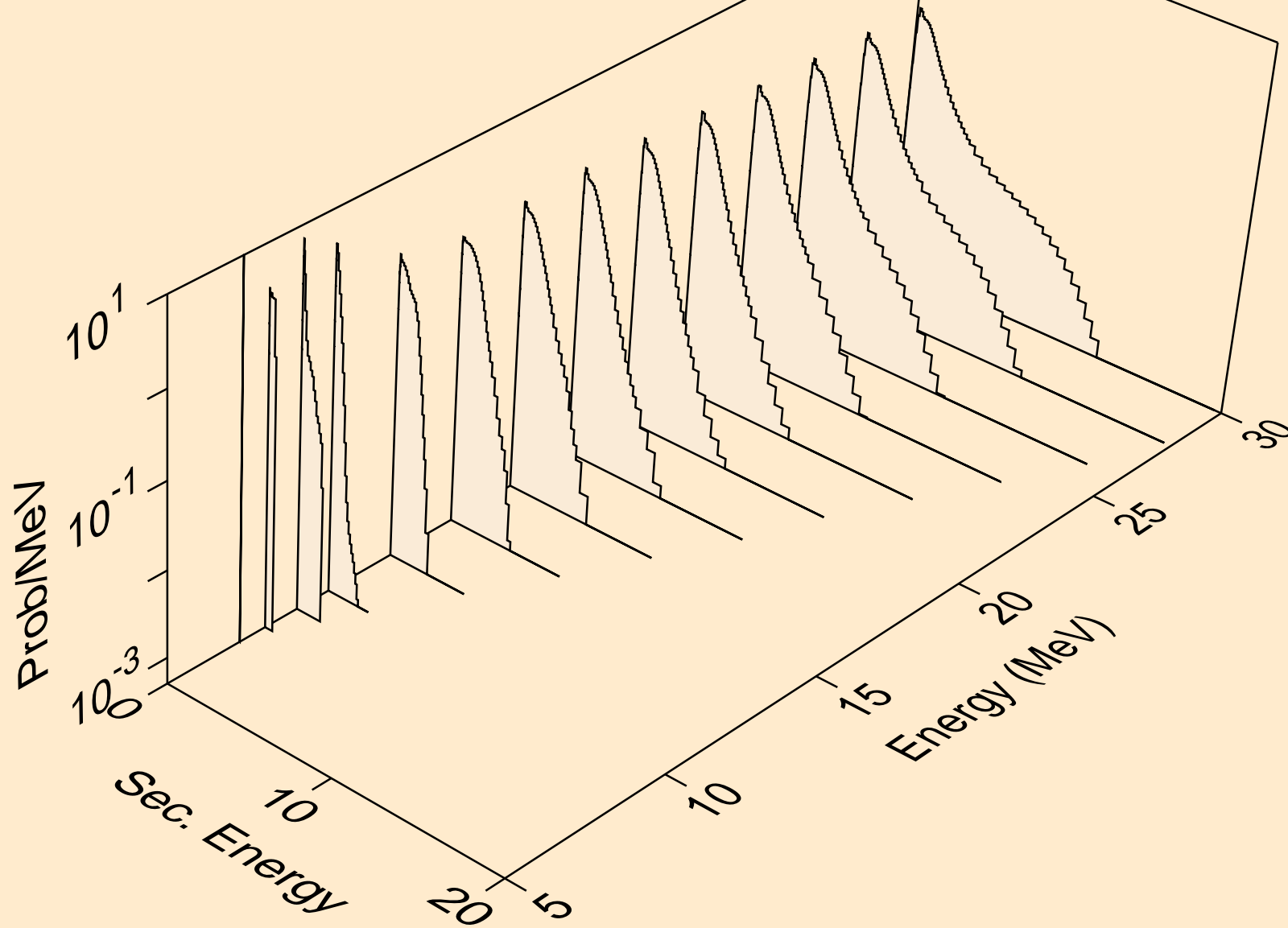
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)a



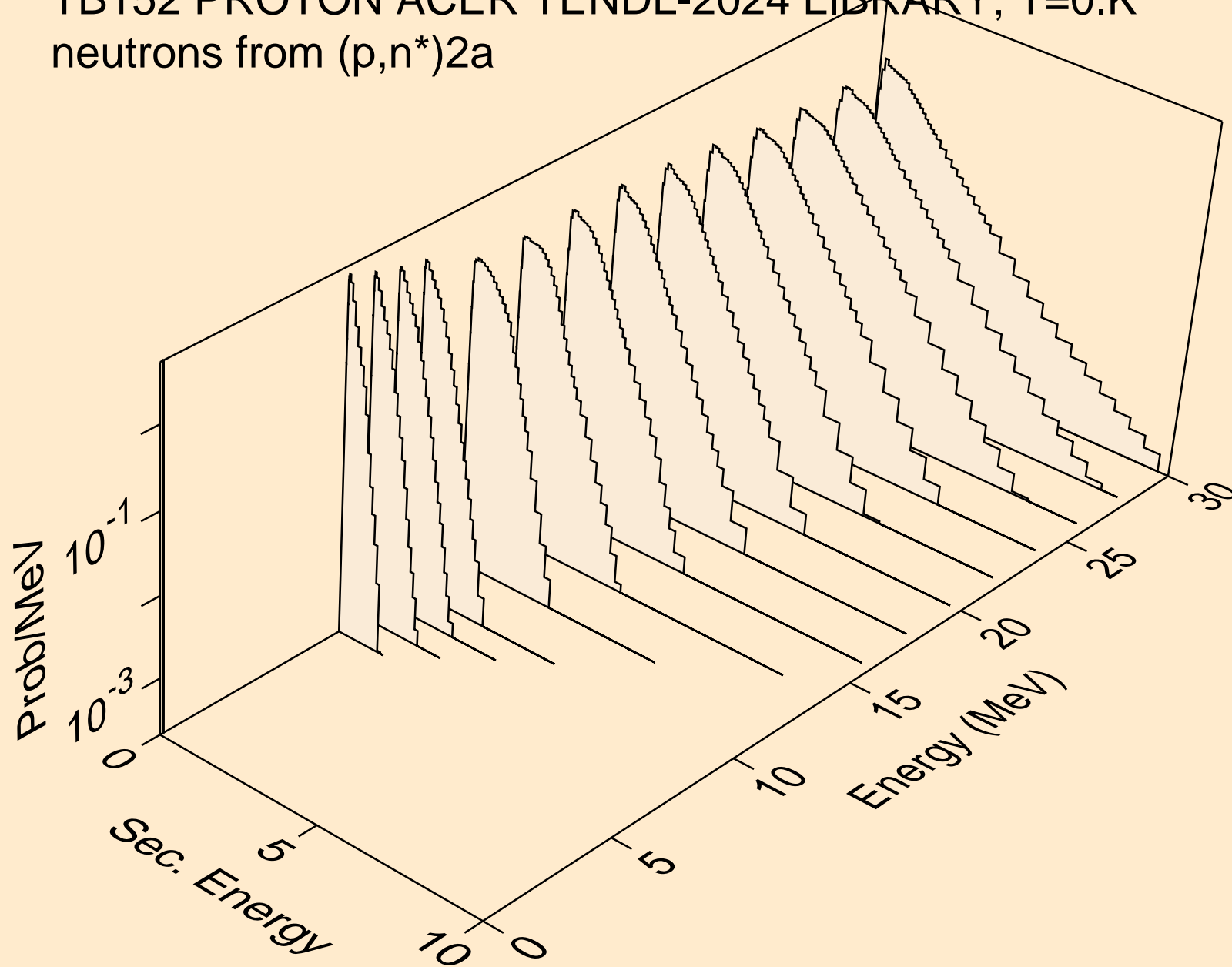
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)a



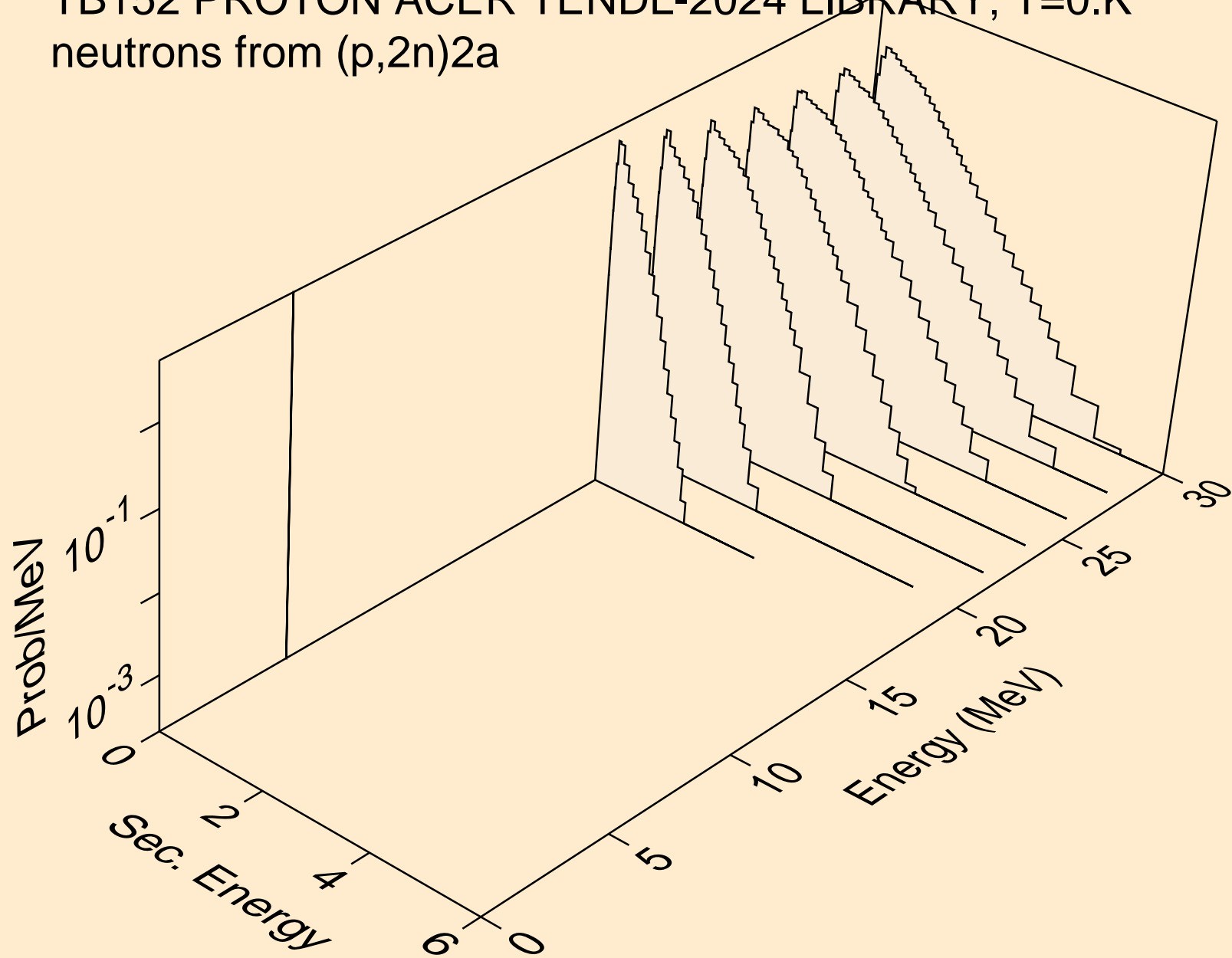
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



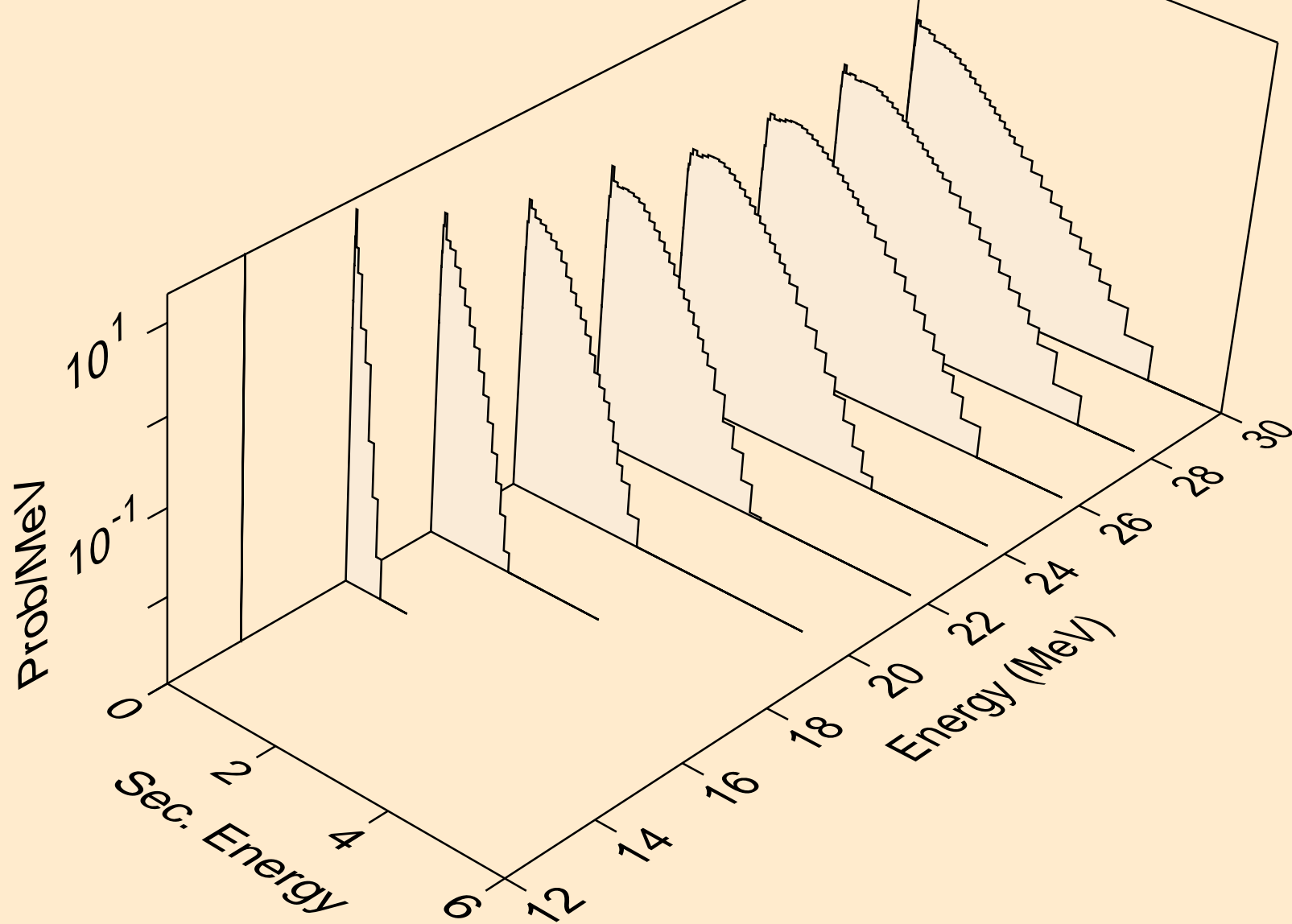
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



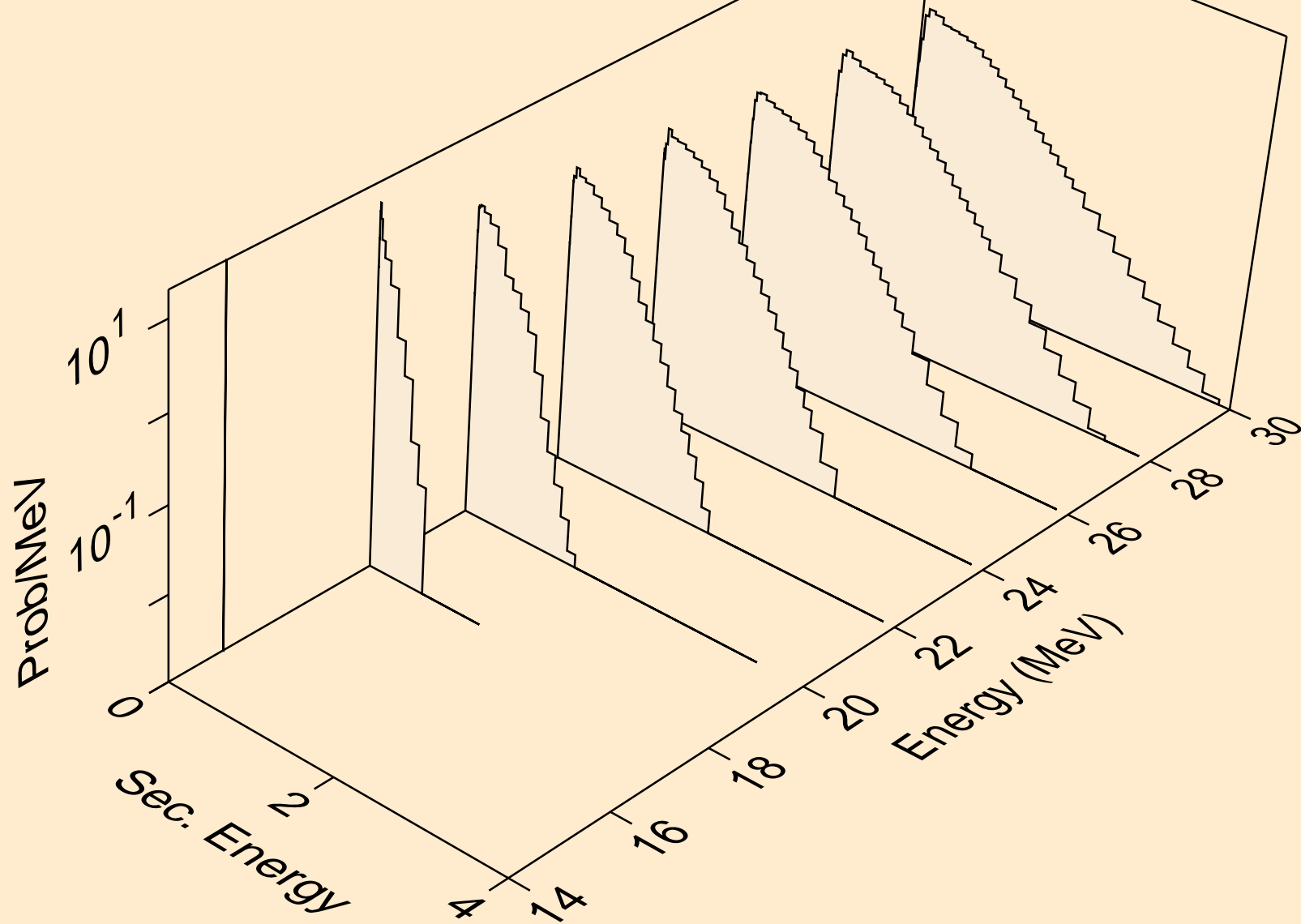
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)2a



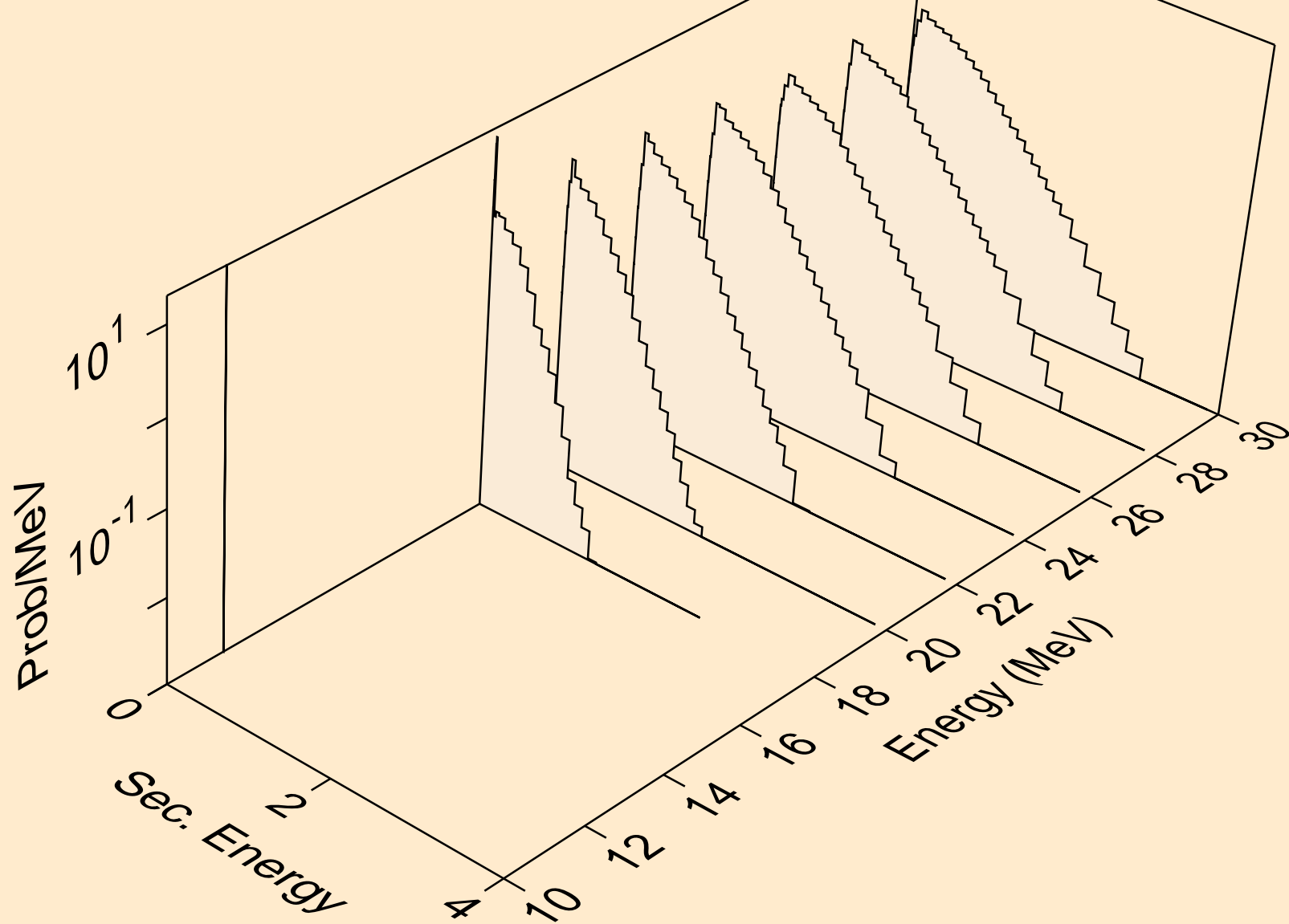
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)d



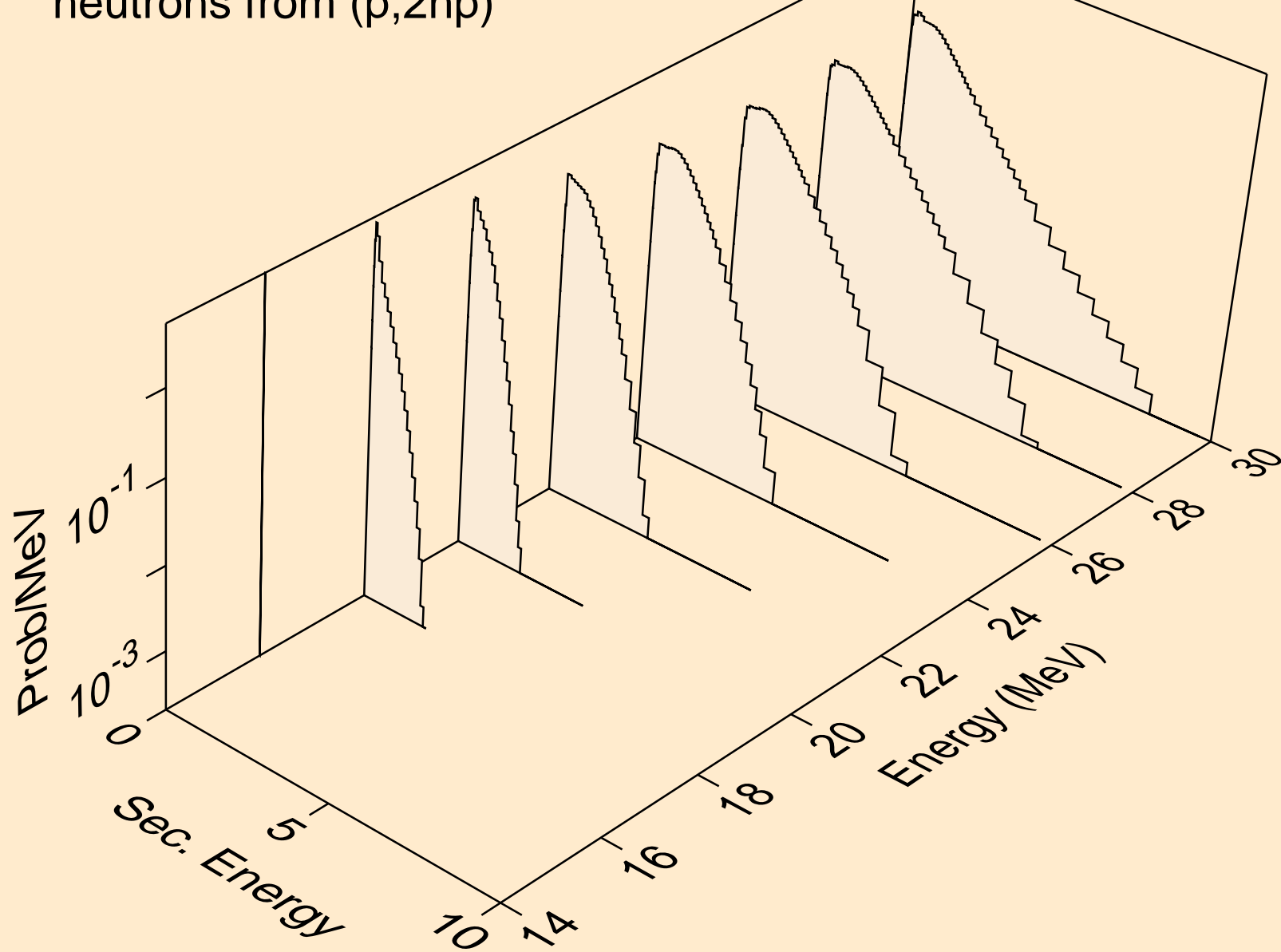
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)t



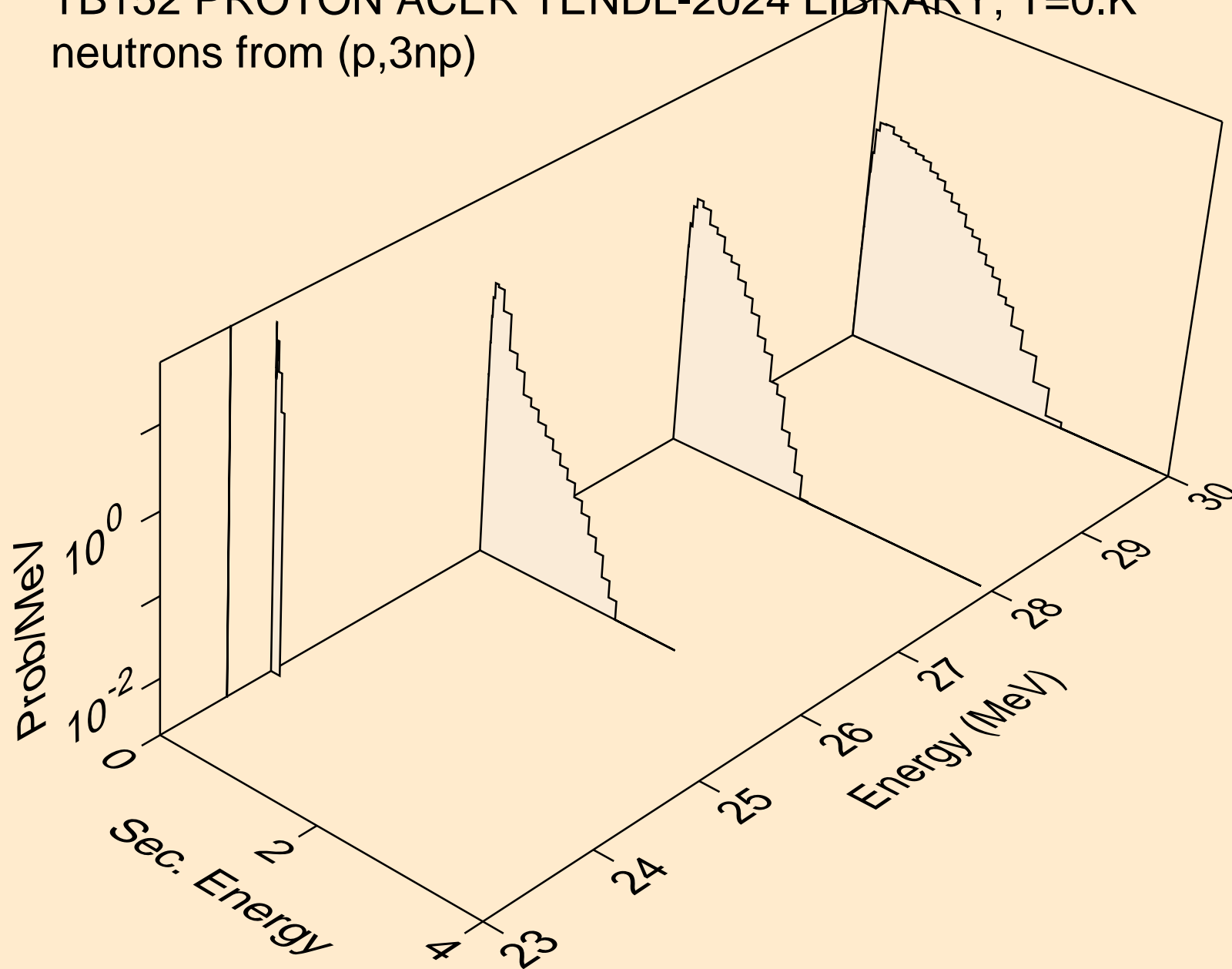
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



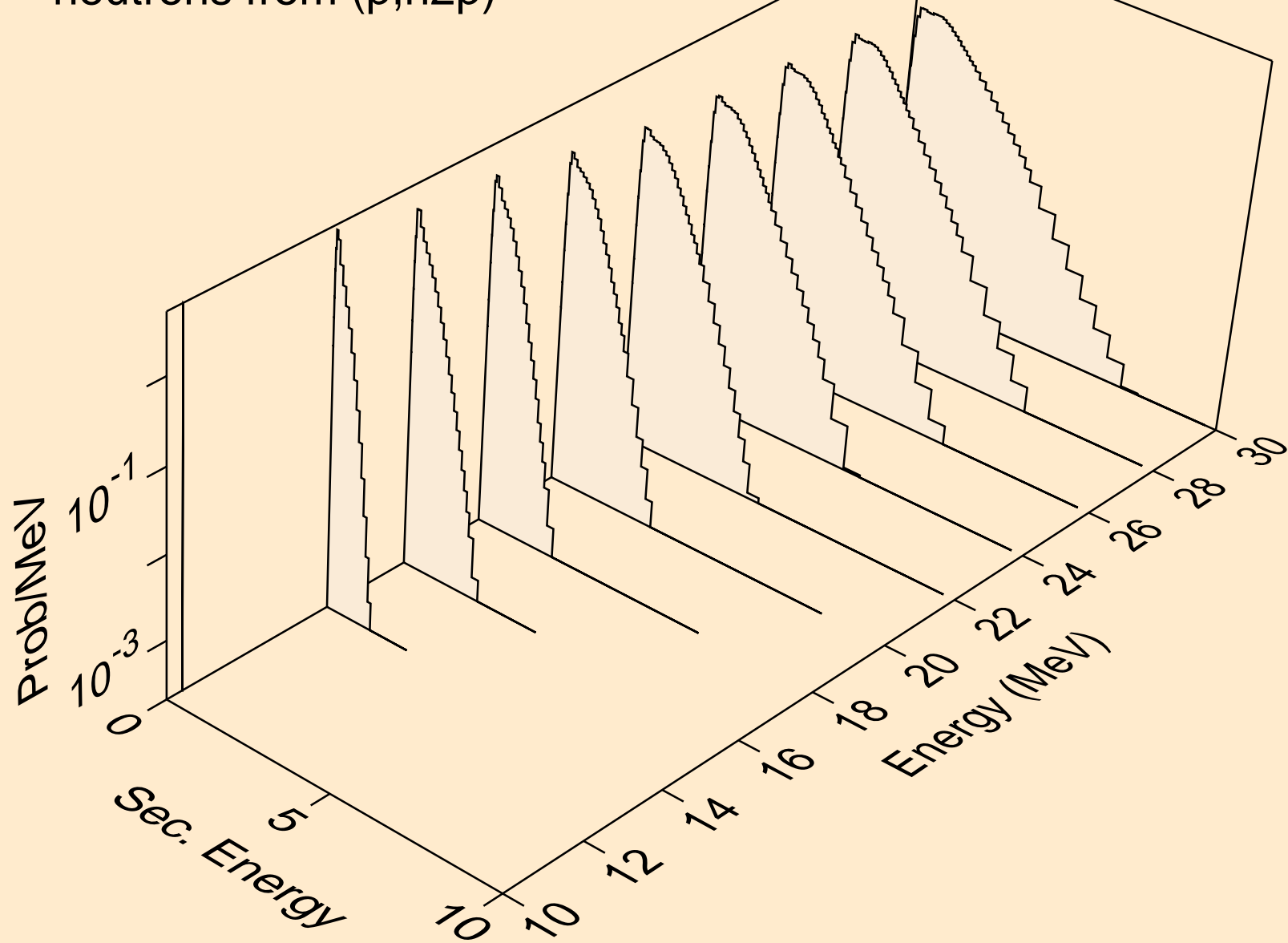
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2np)



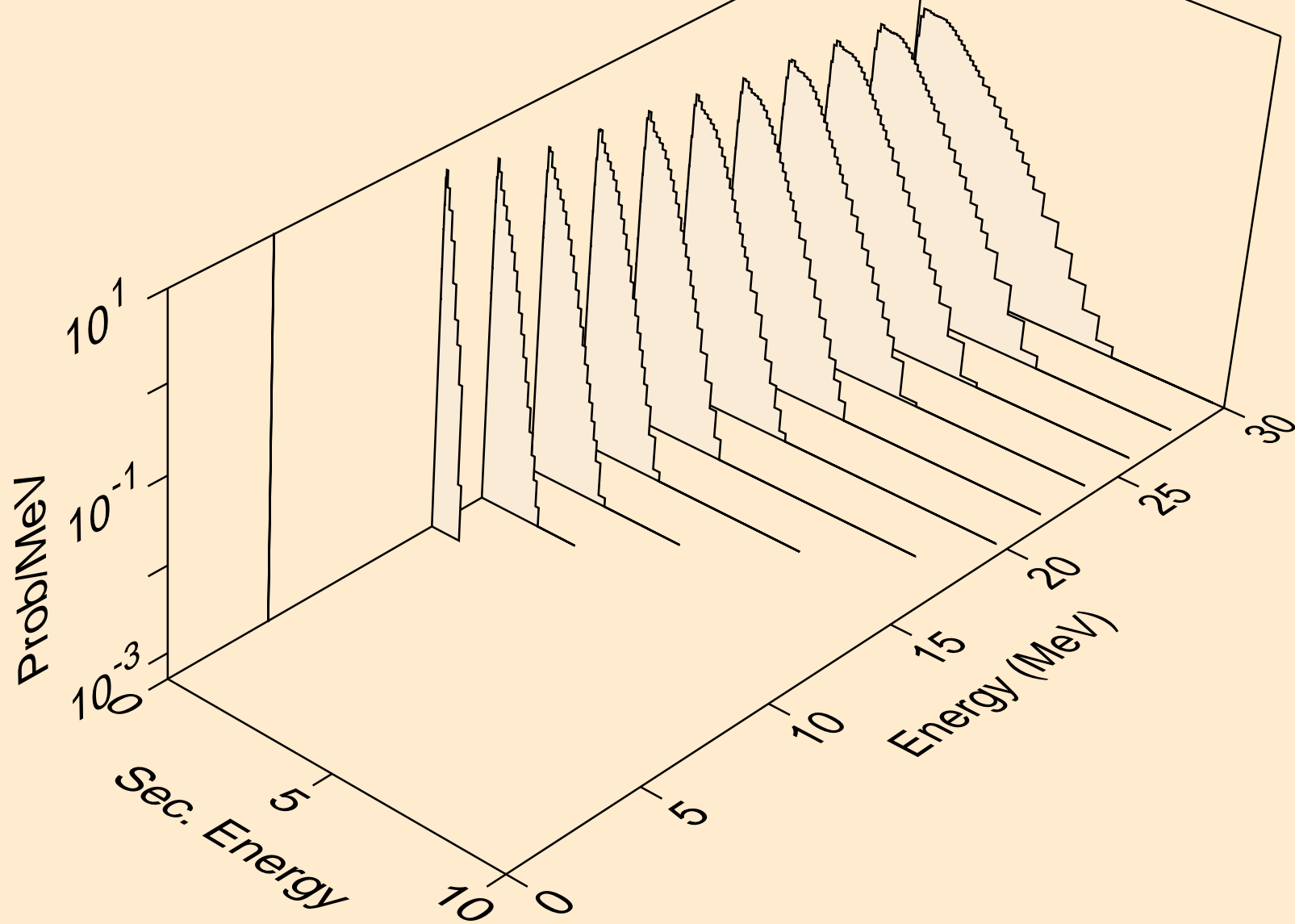
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3np)



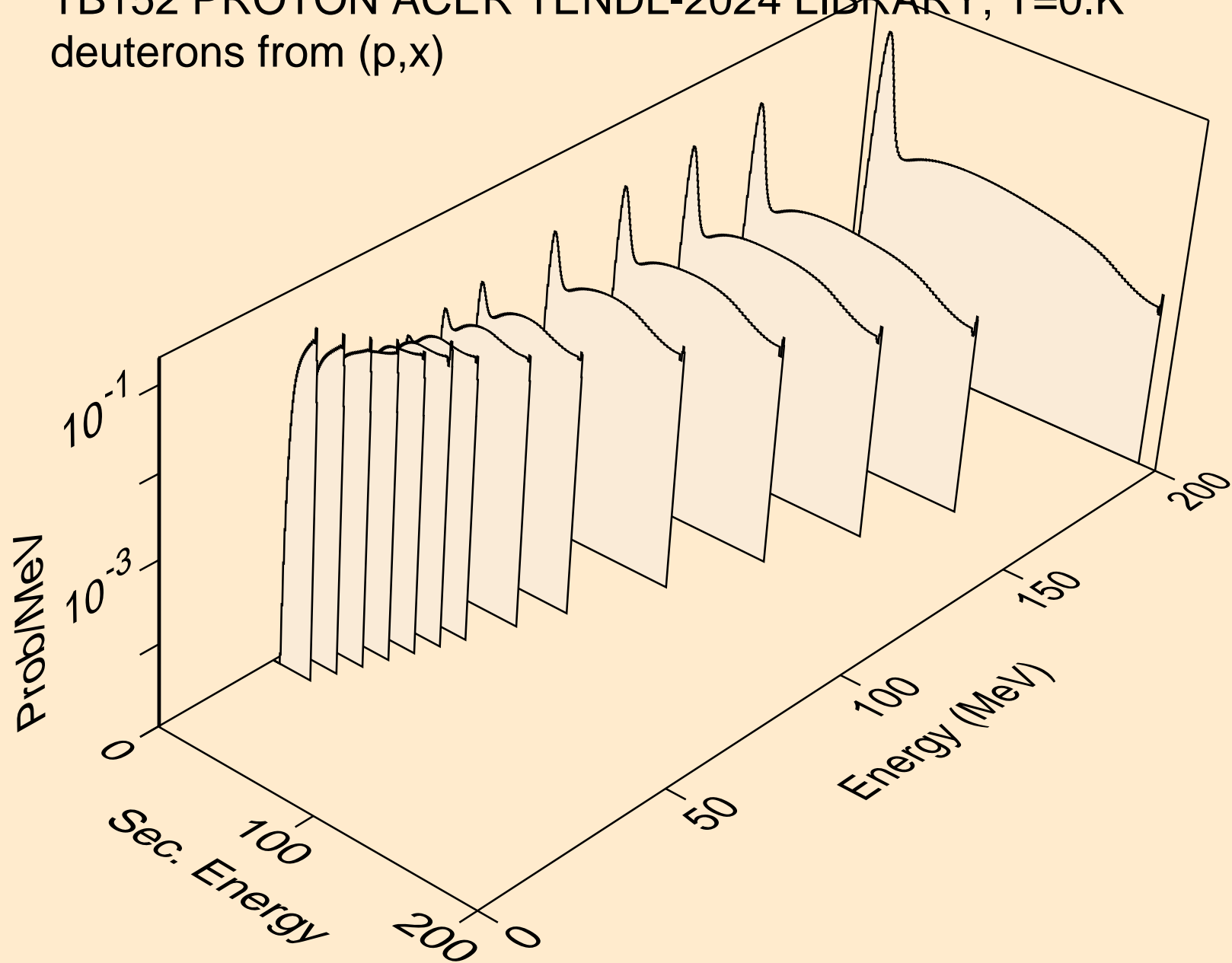
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n2p)



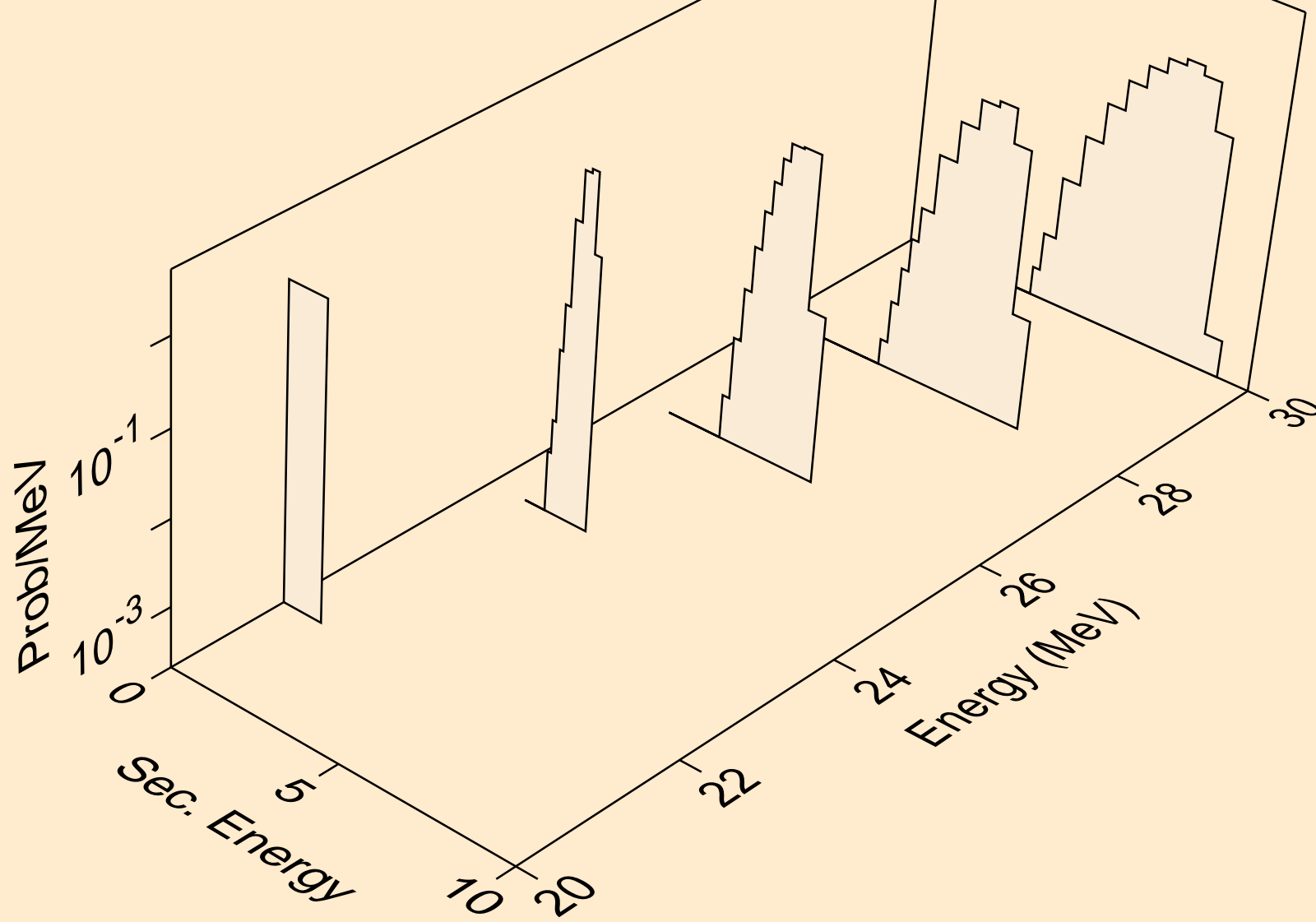
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,npa)



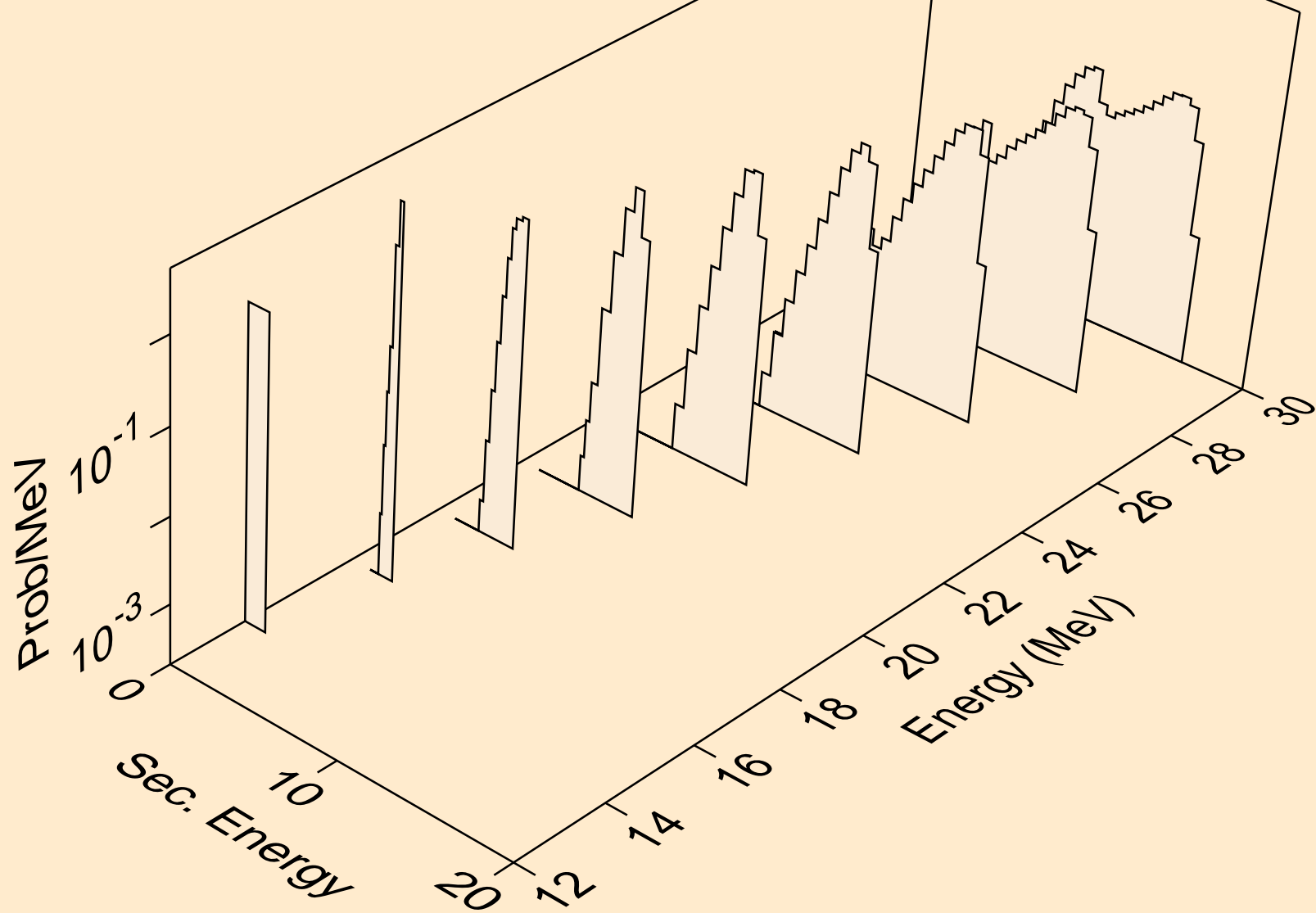
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



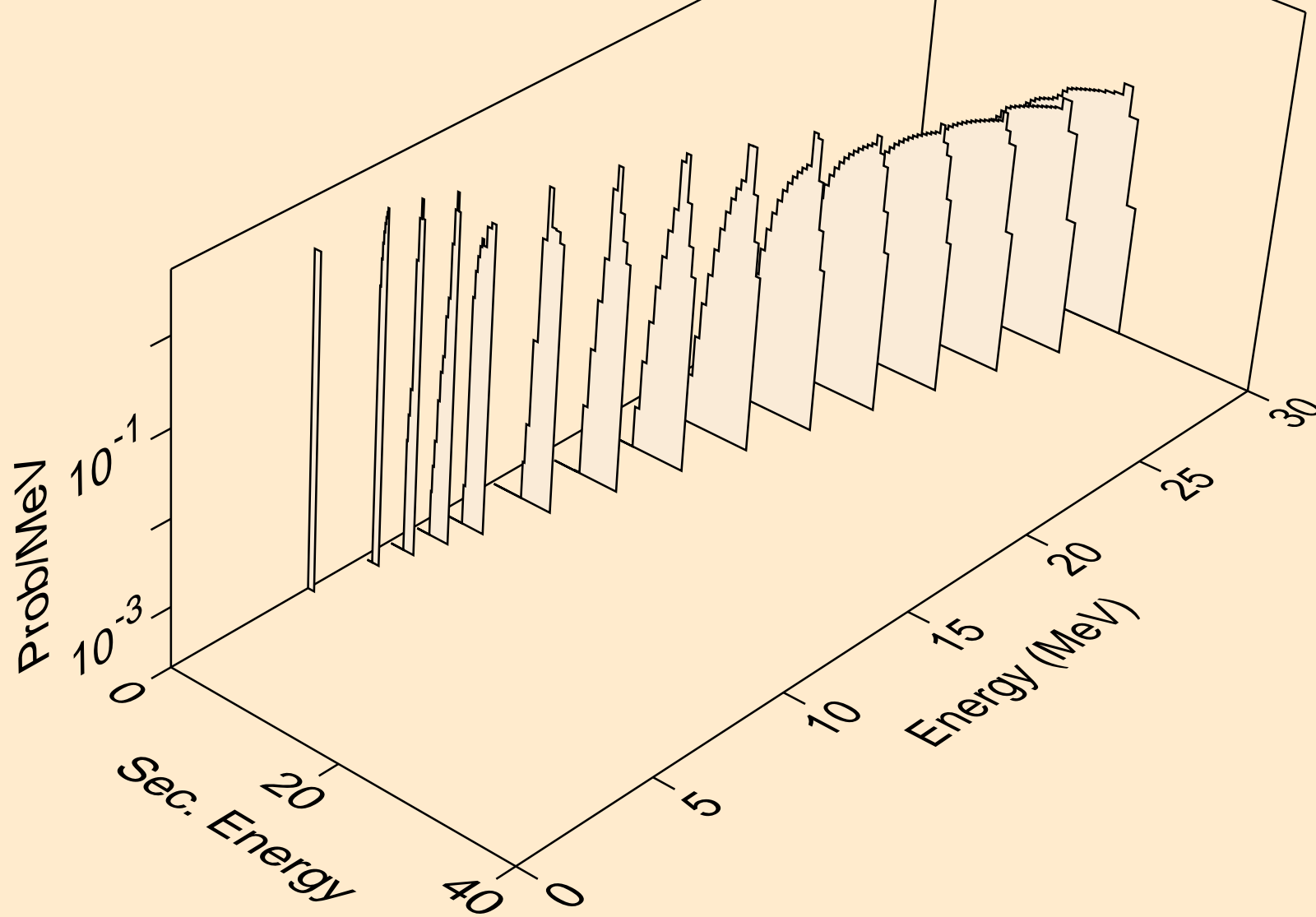
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,2nd)



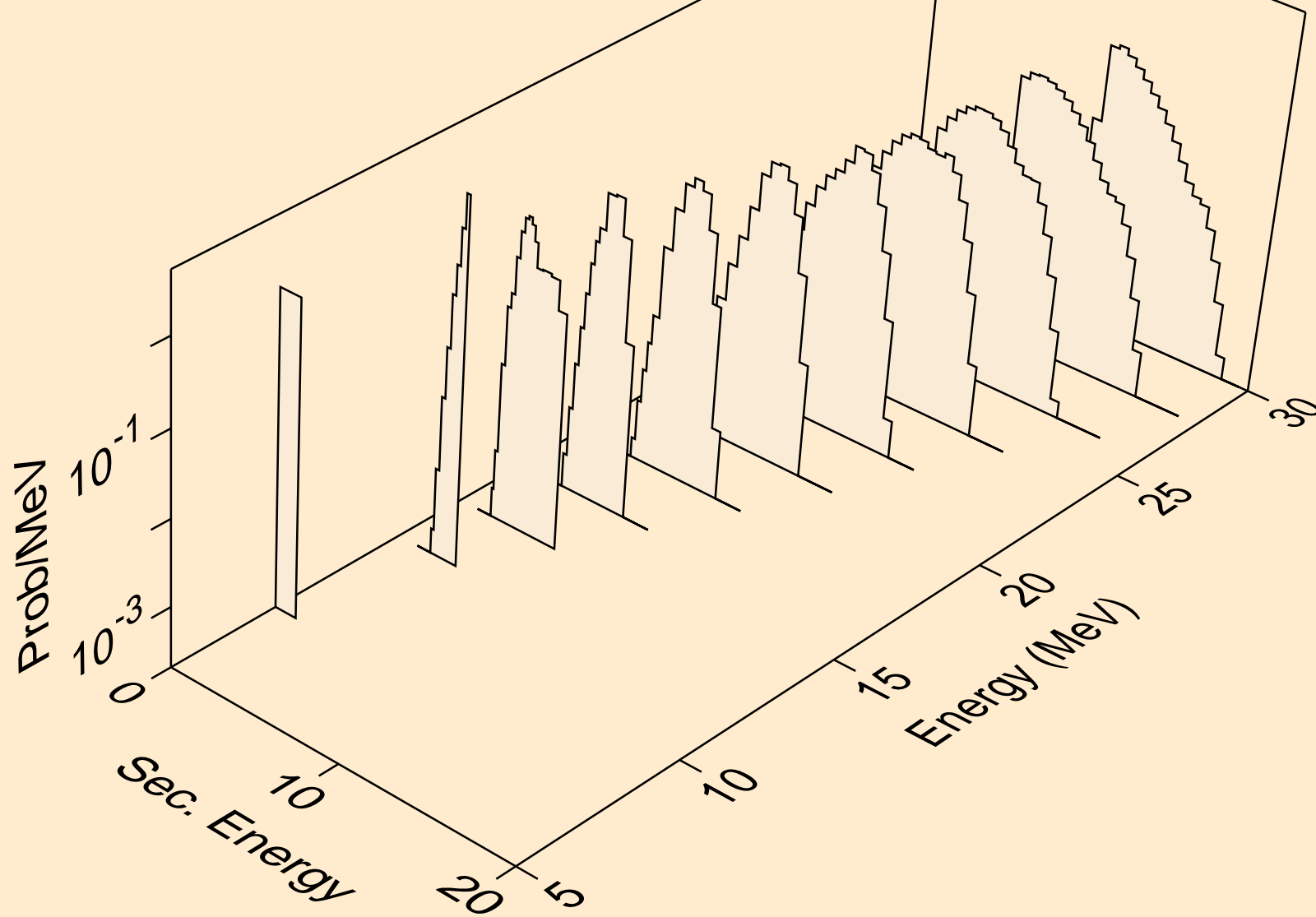
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,n\*)d



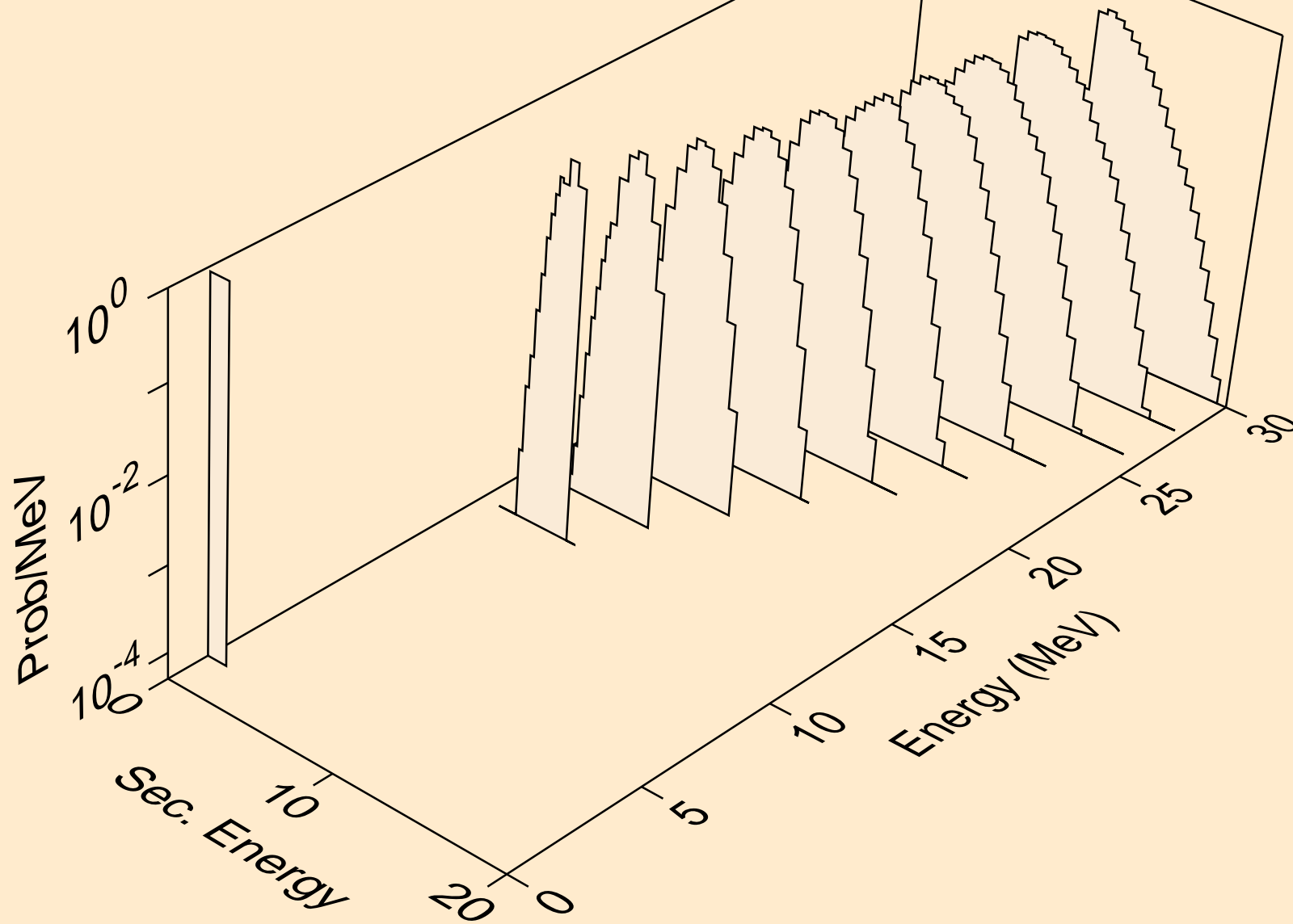
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d)



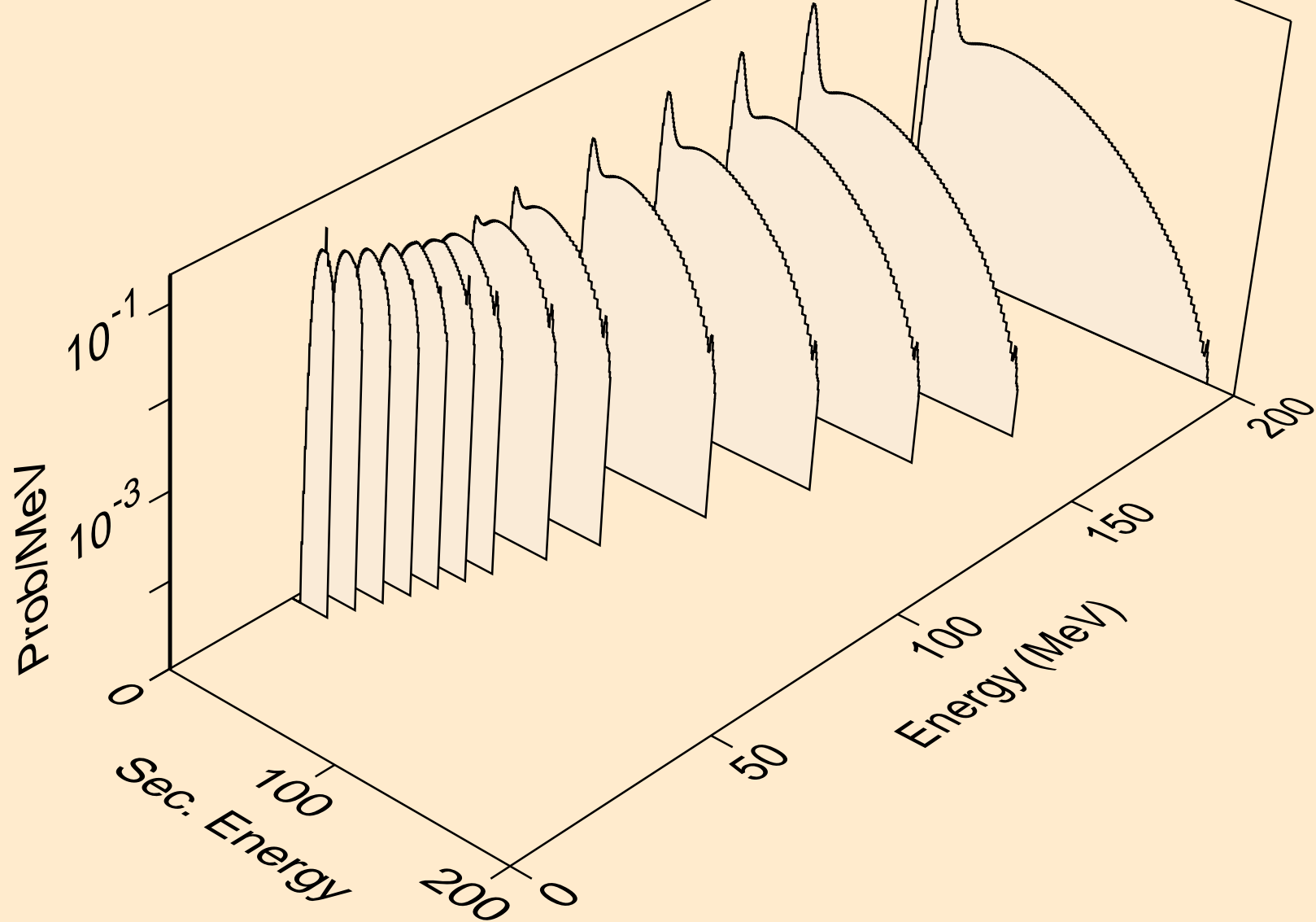
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,pd)



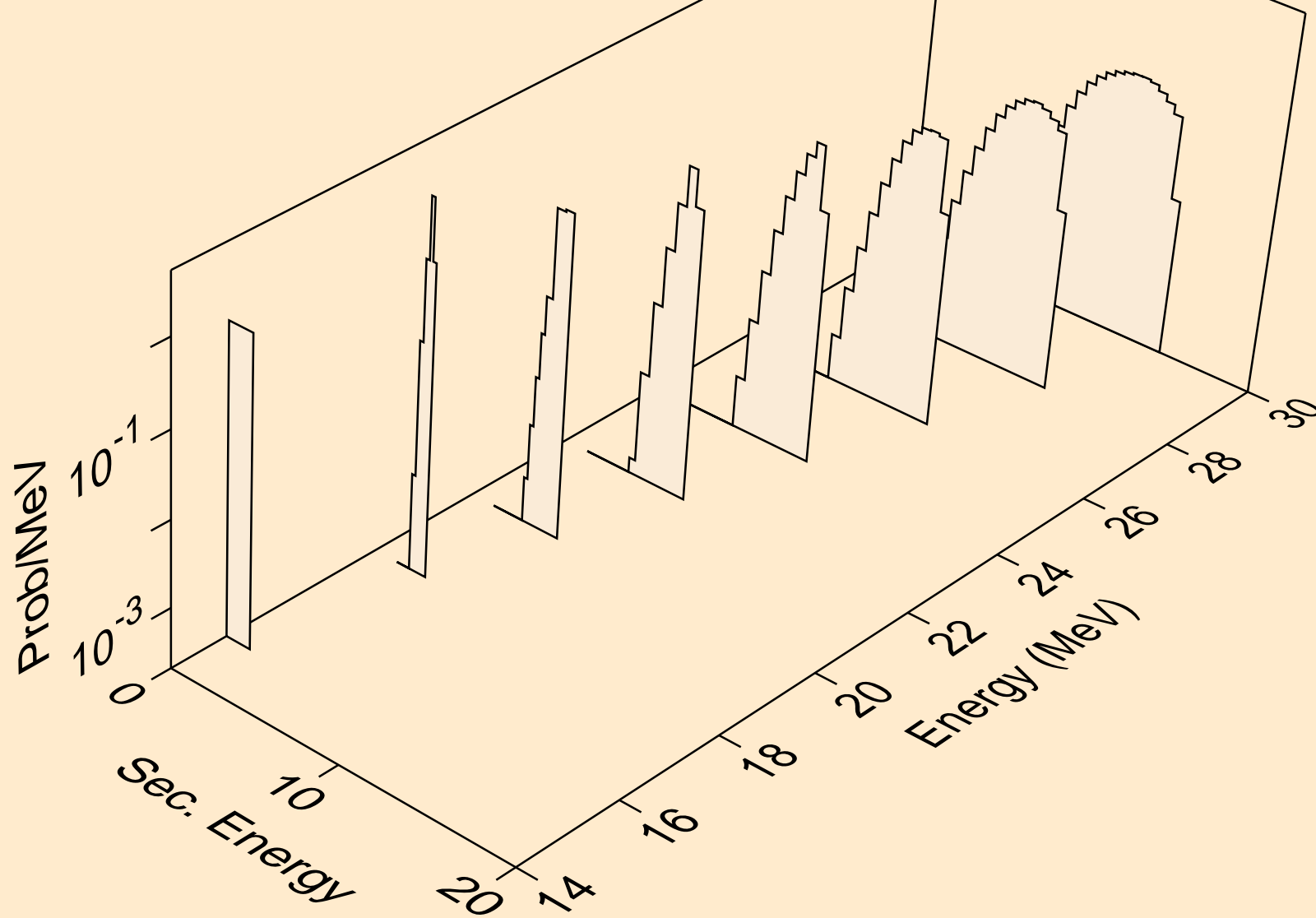
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,da)



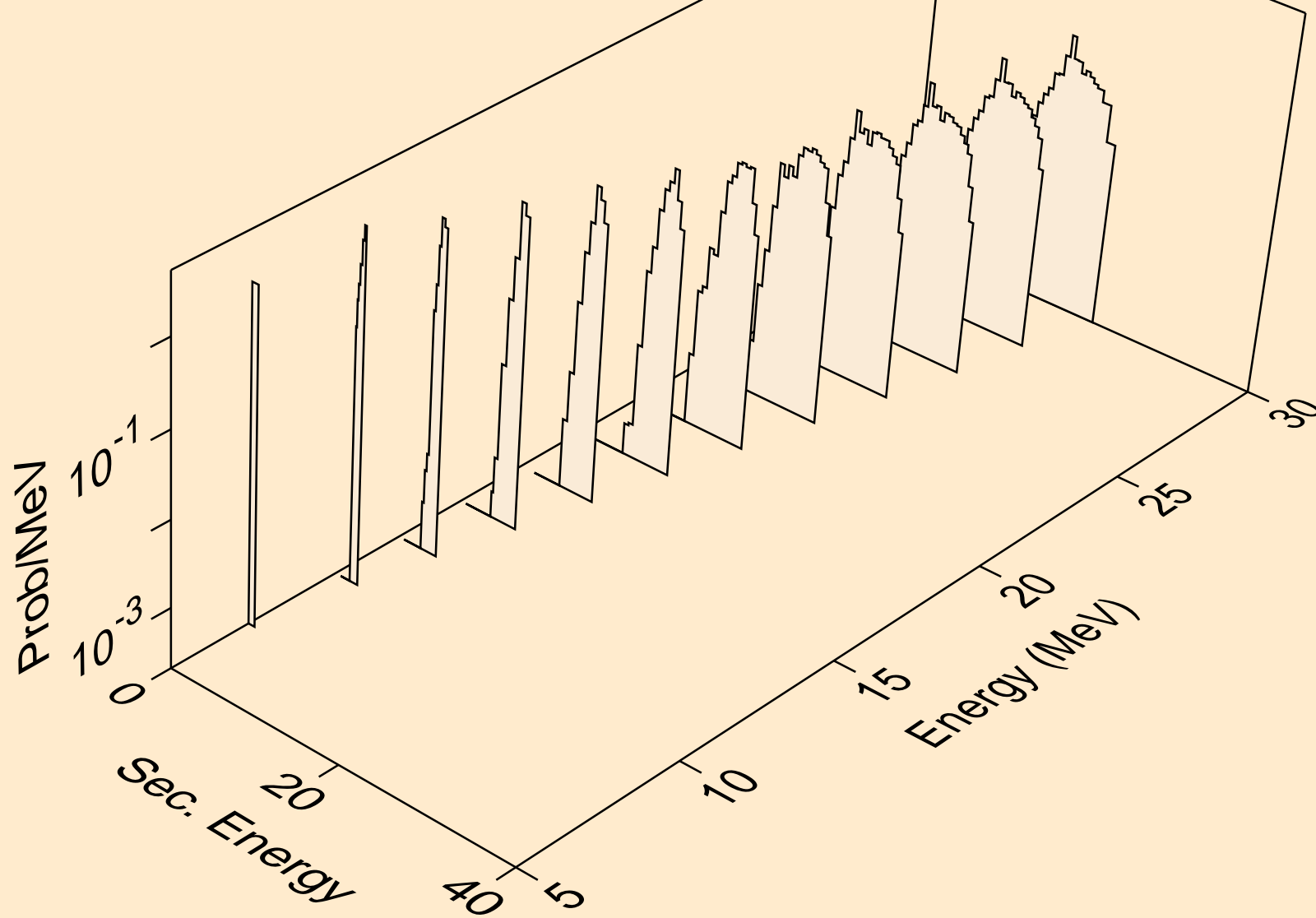
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



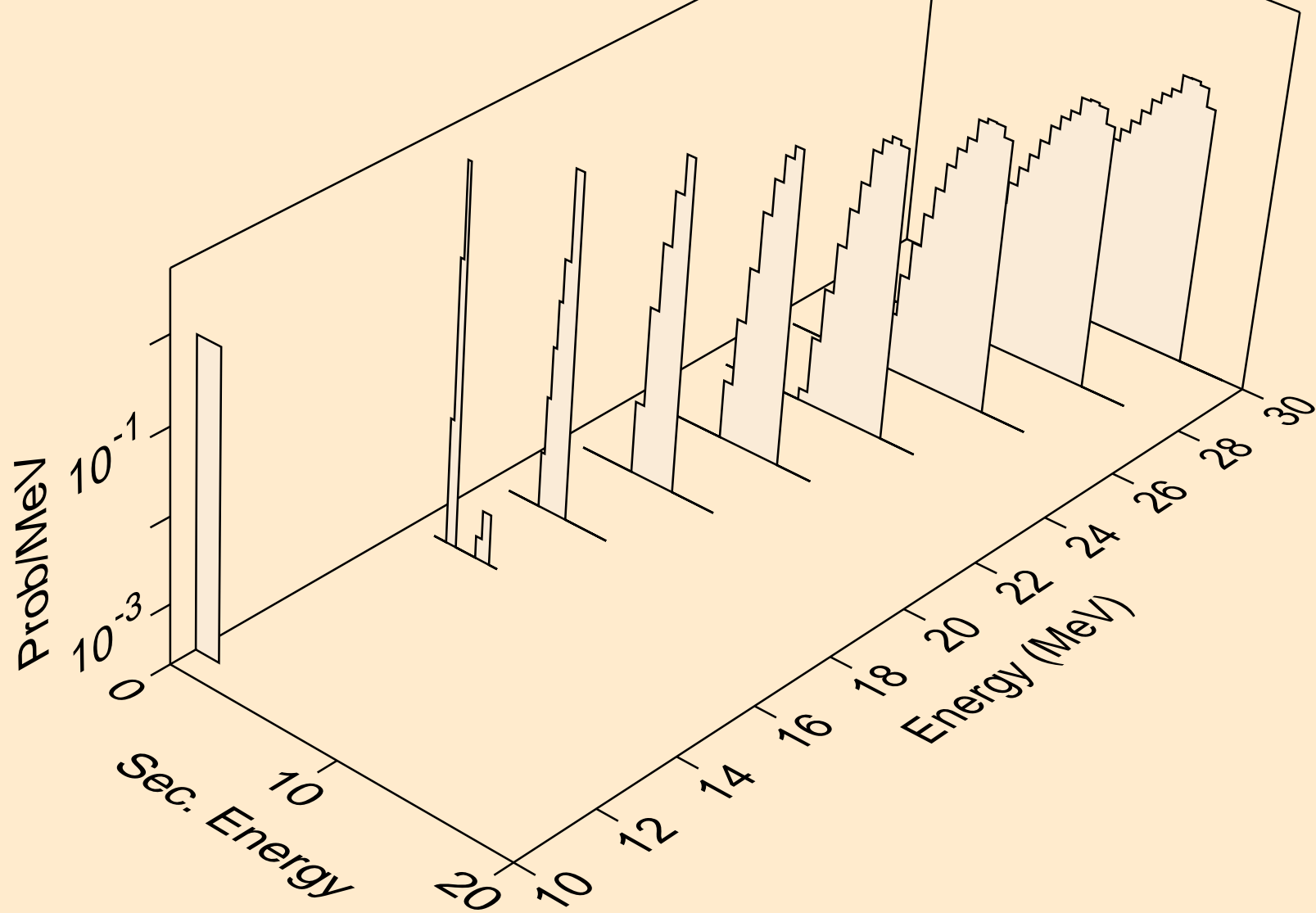
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,n\*)t



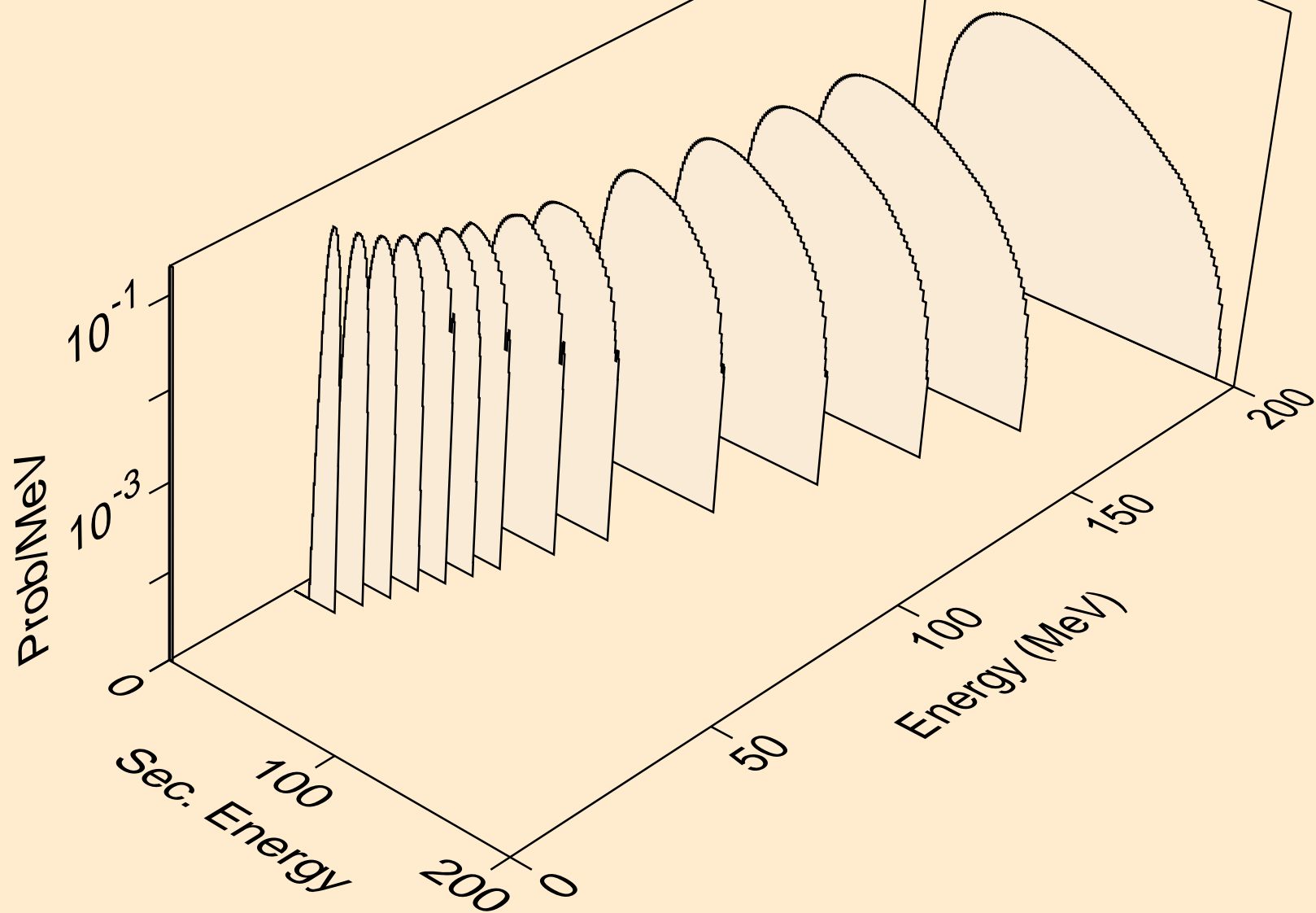
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



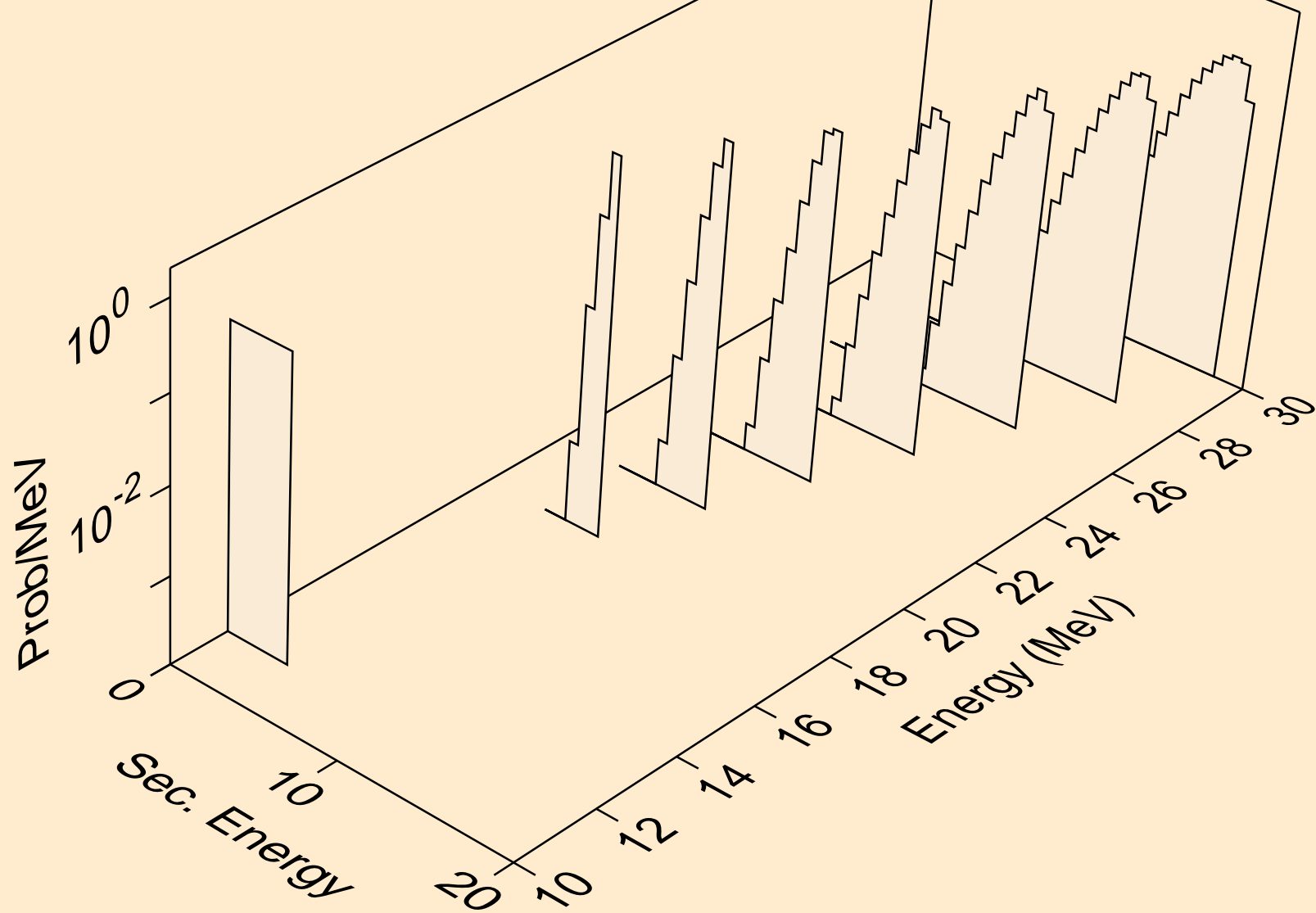
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,pt)



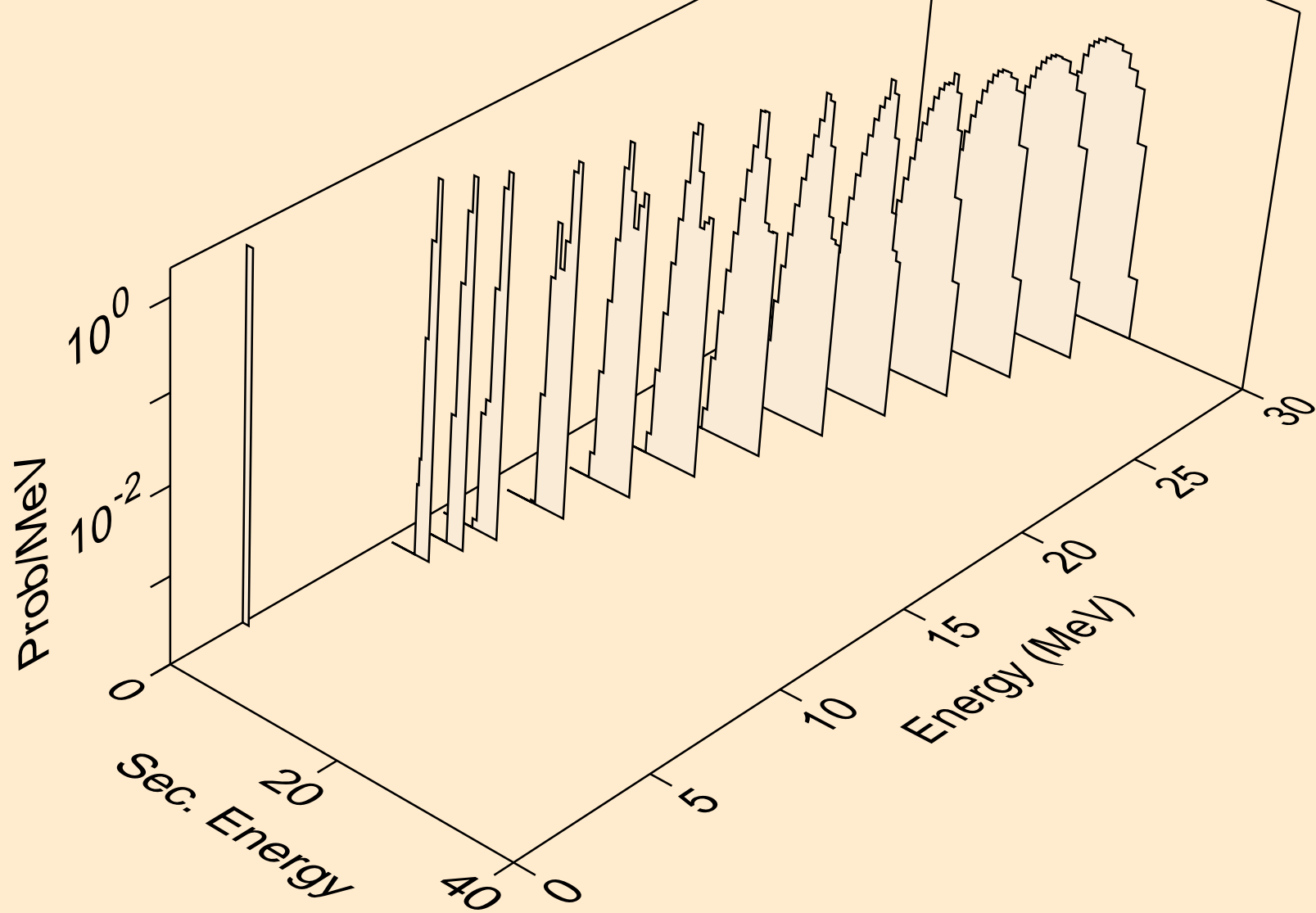
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



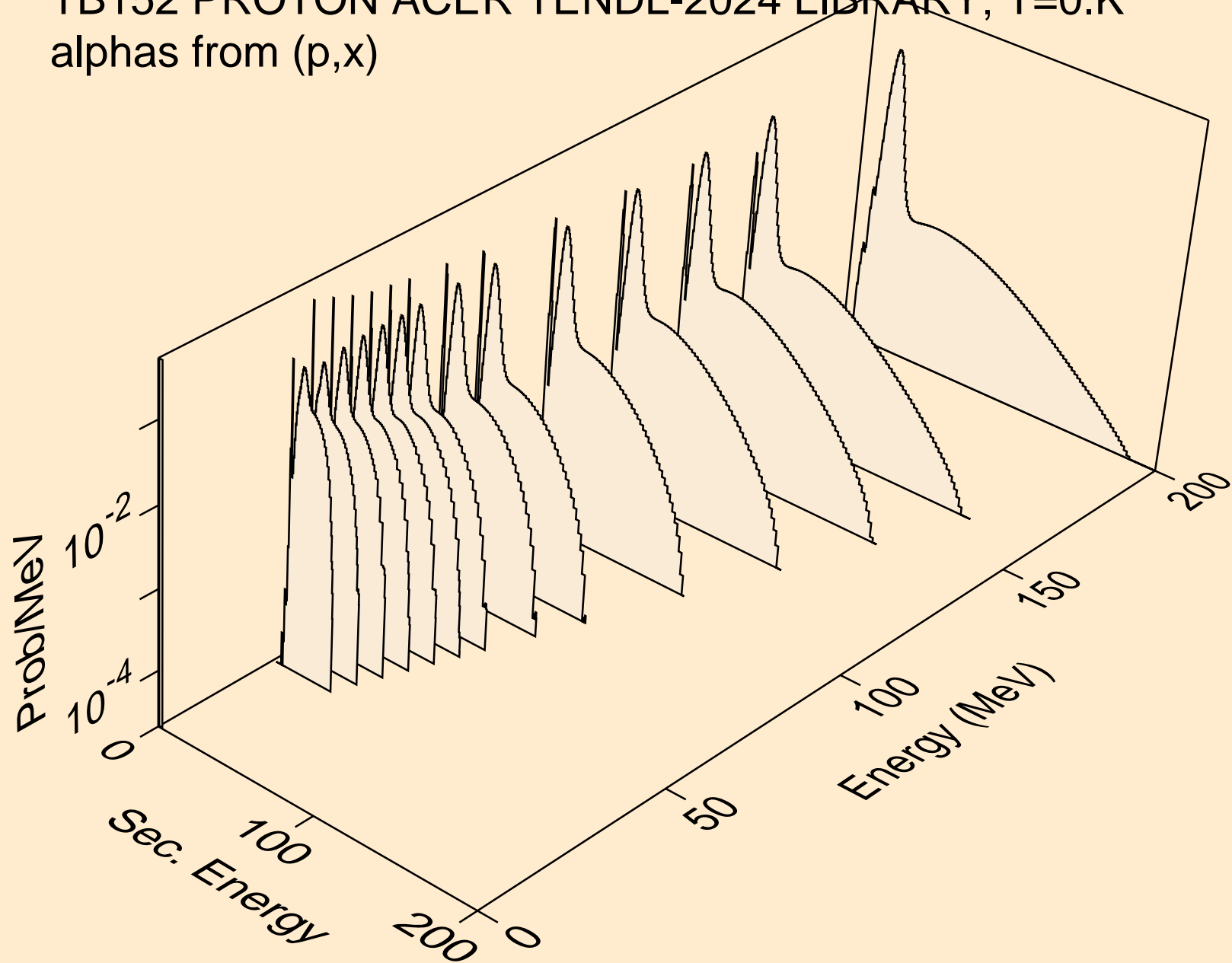
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



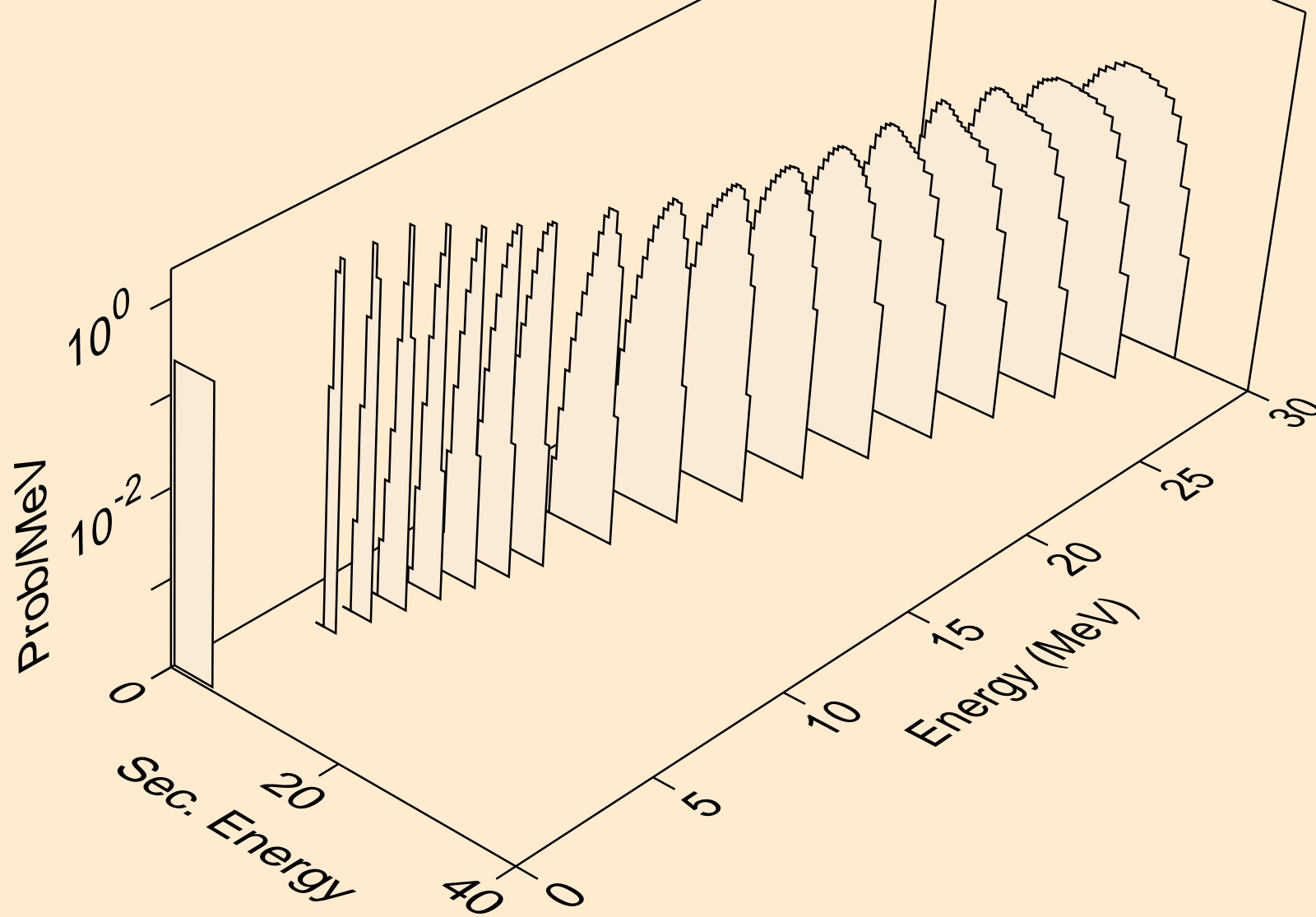
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,he3)



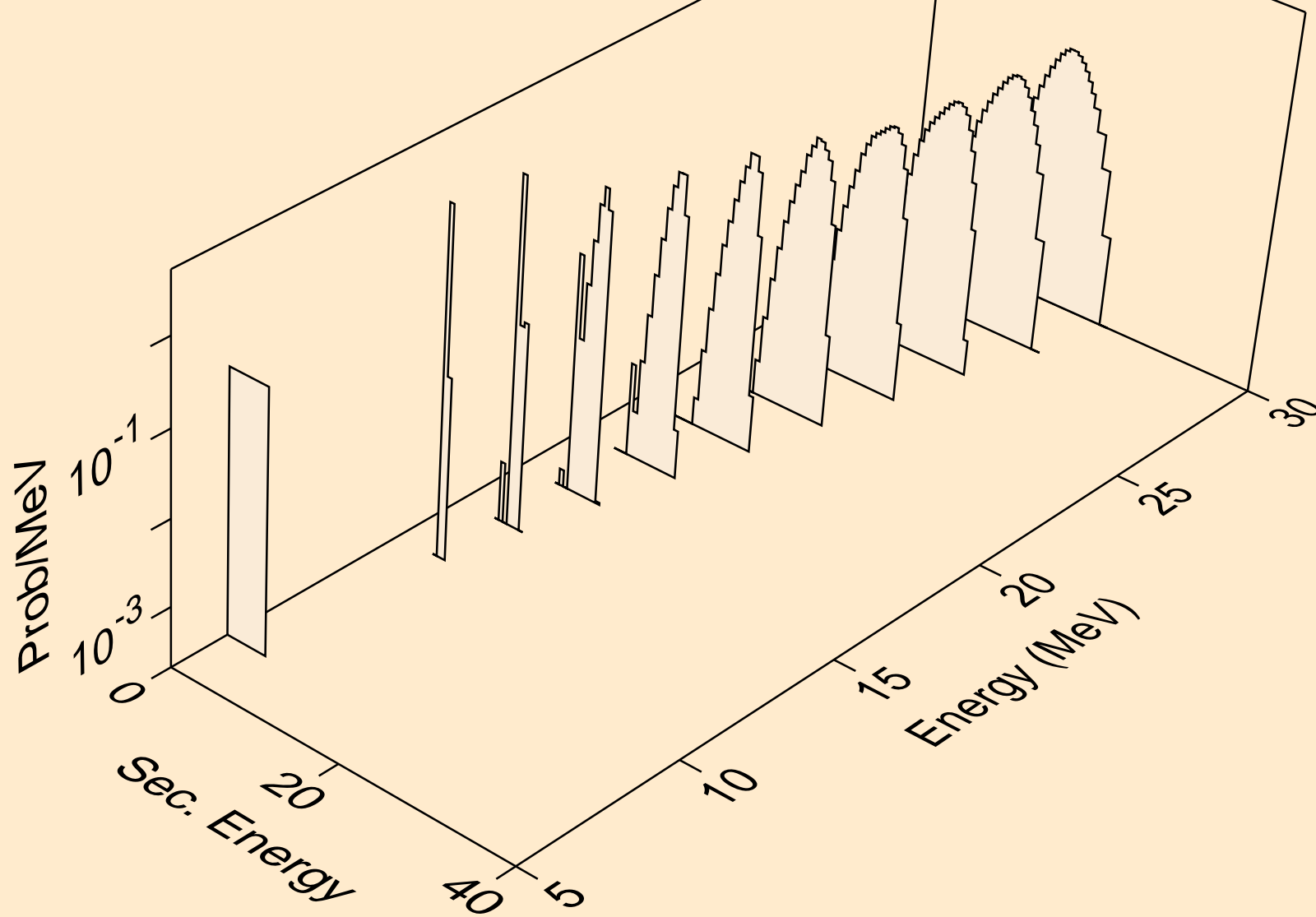
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



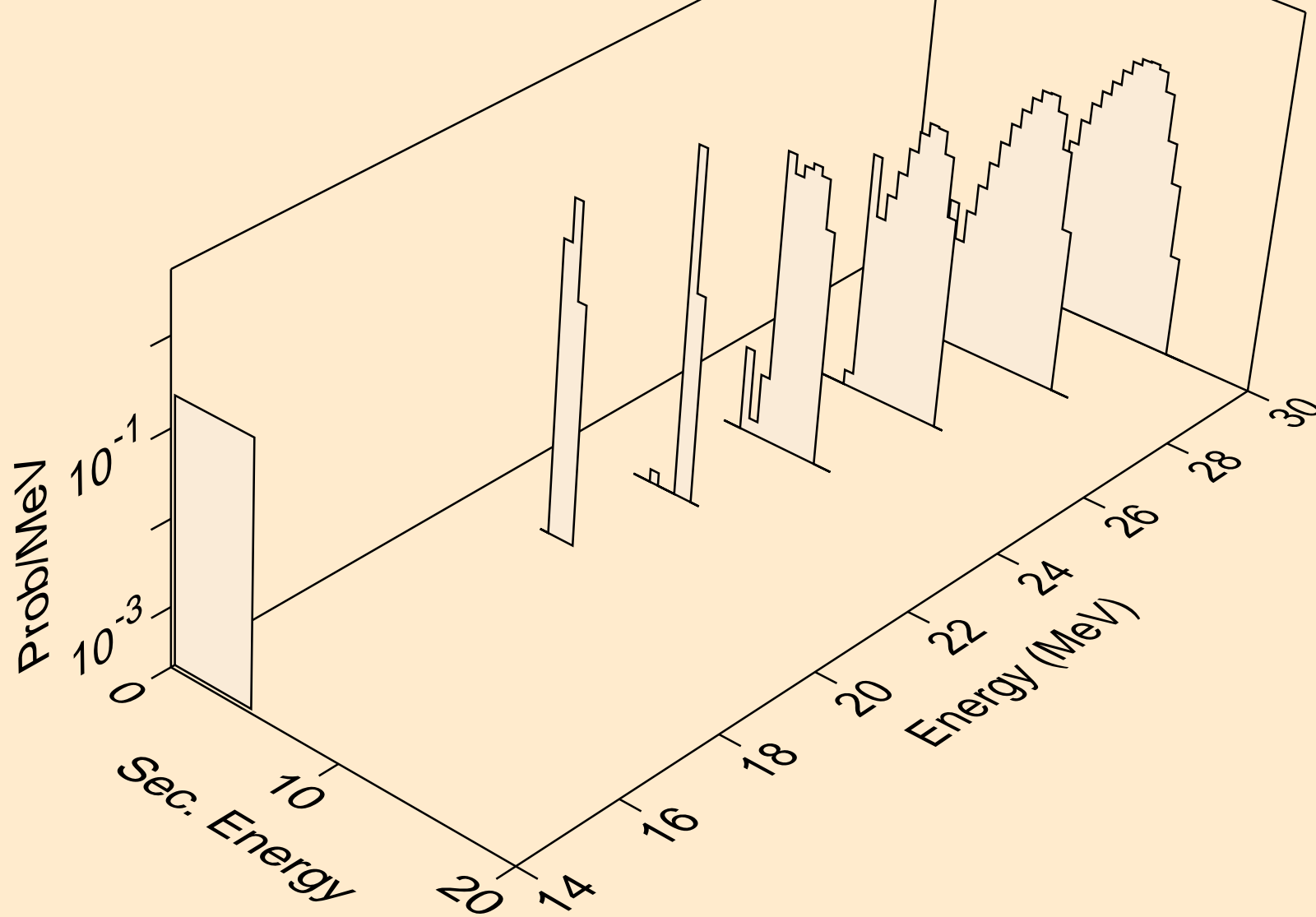
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



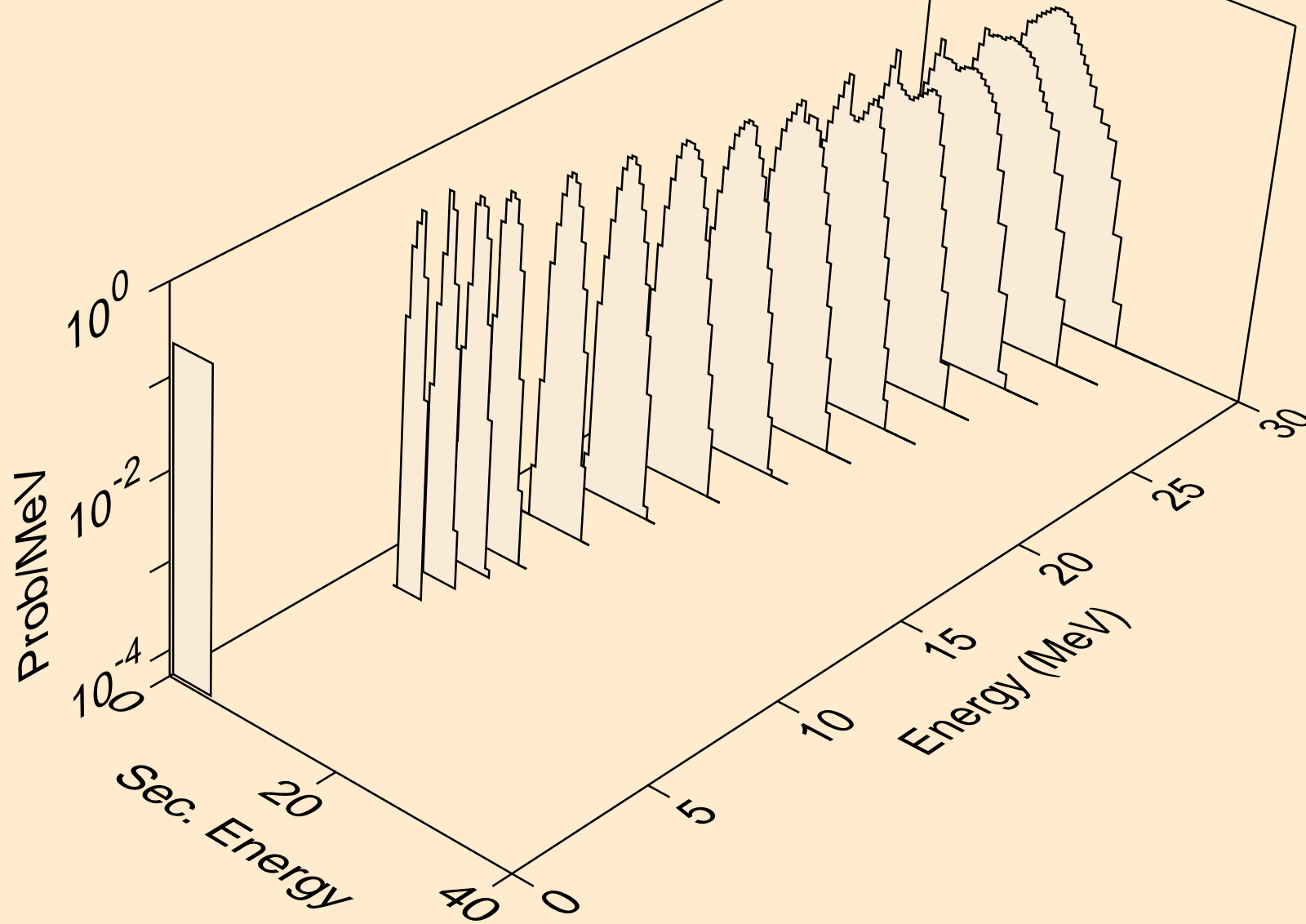
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



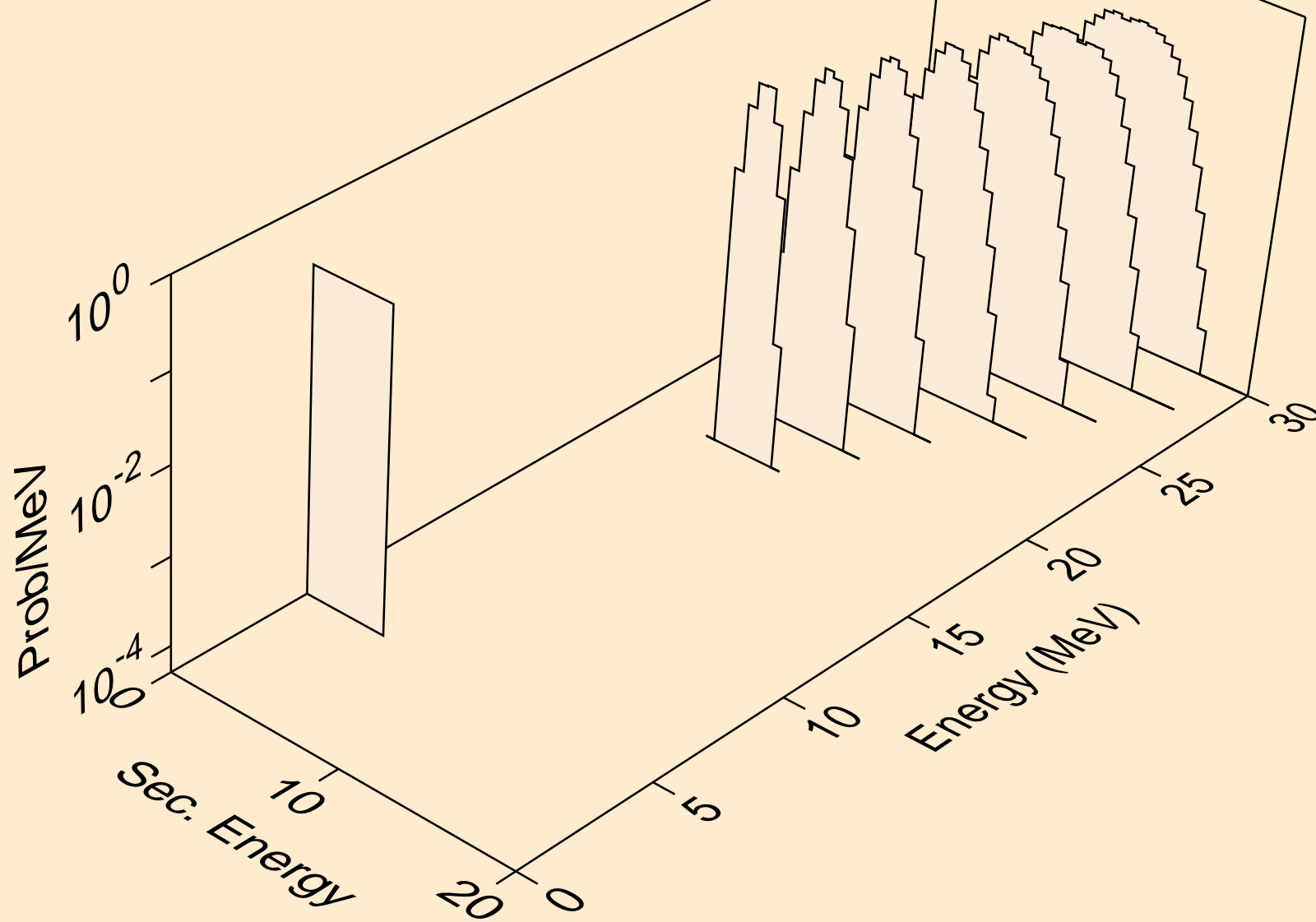
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3n)a



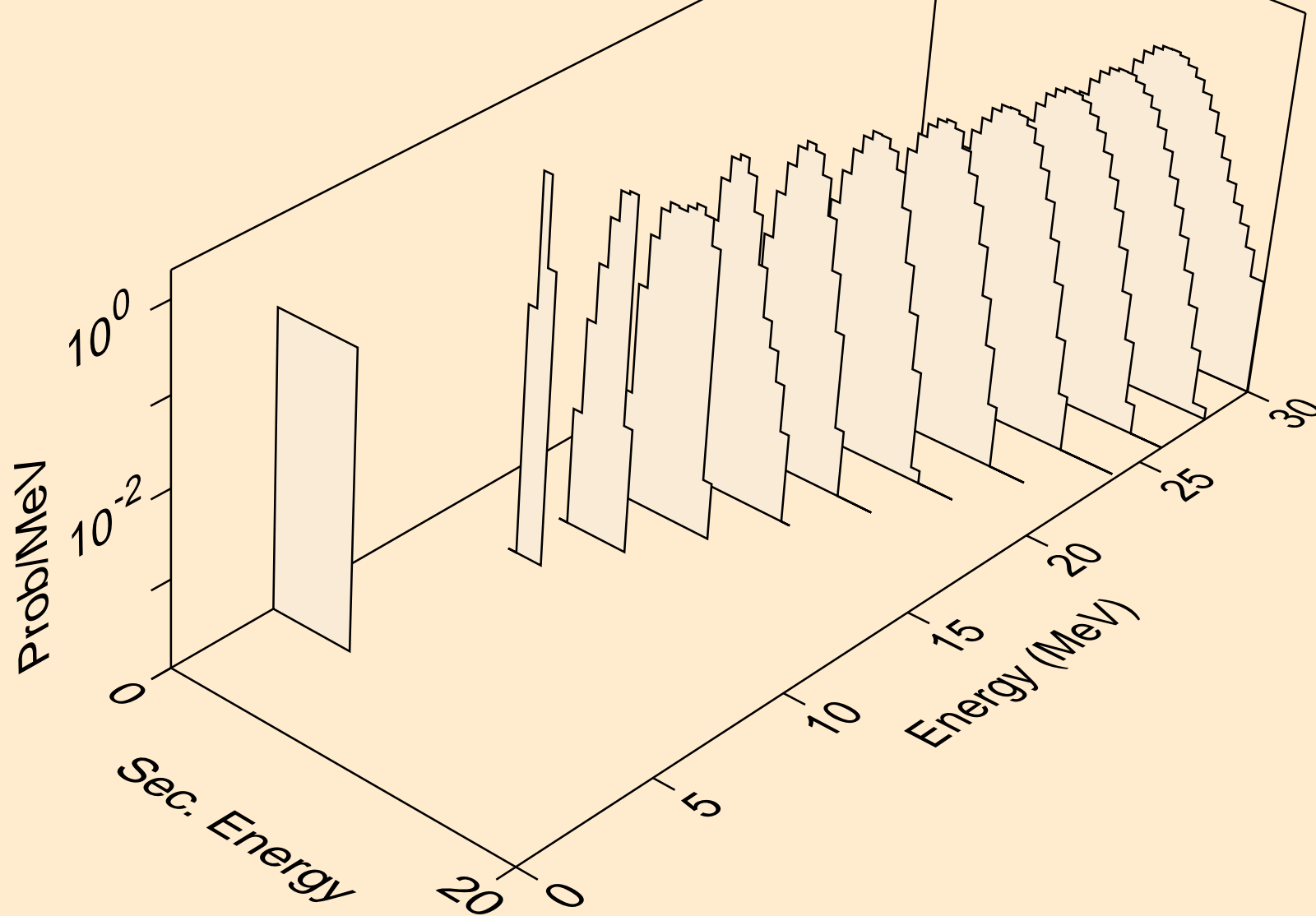
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)2a



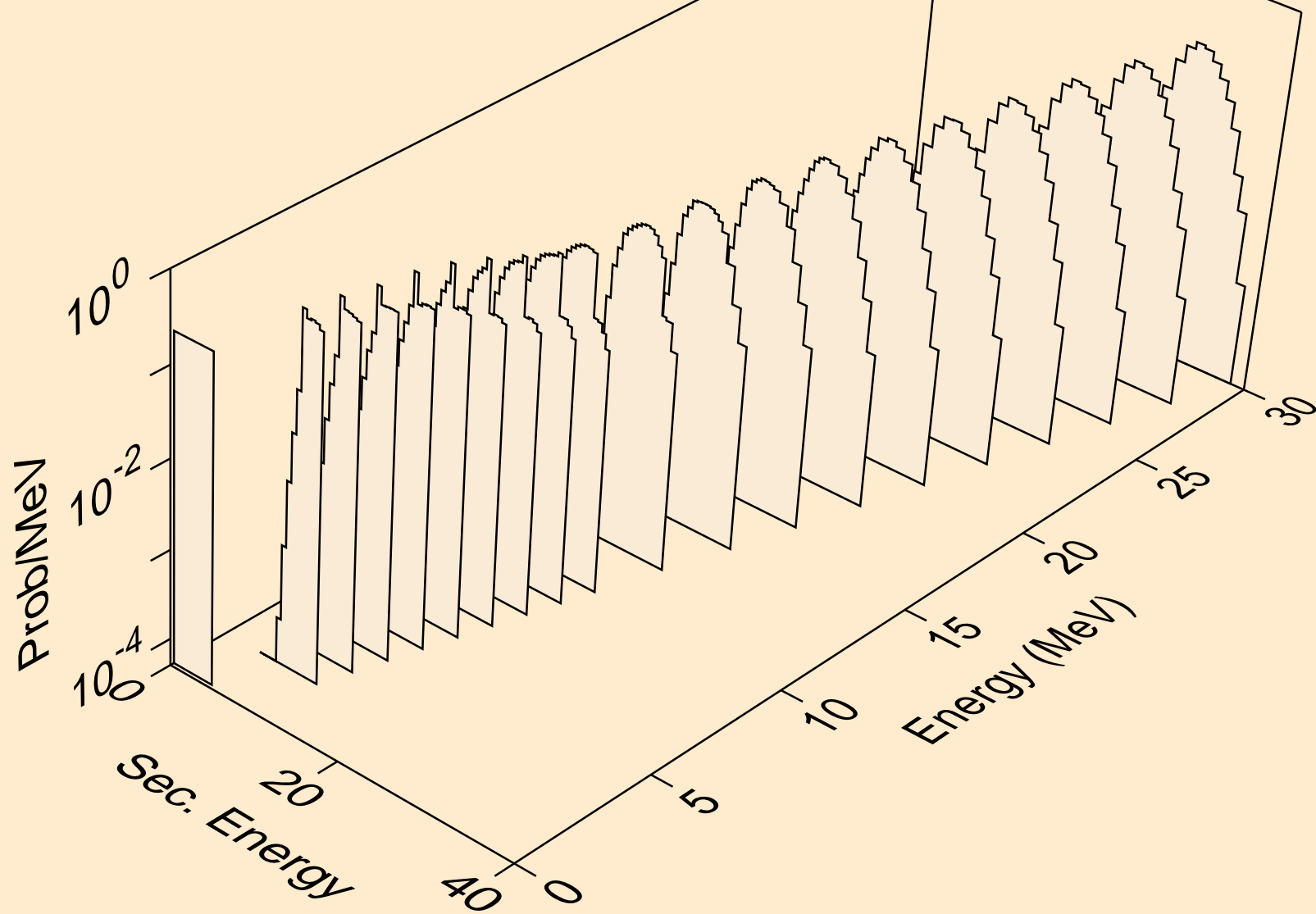
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)2a



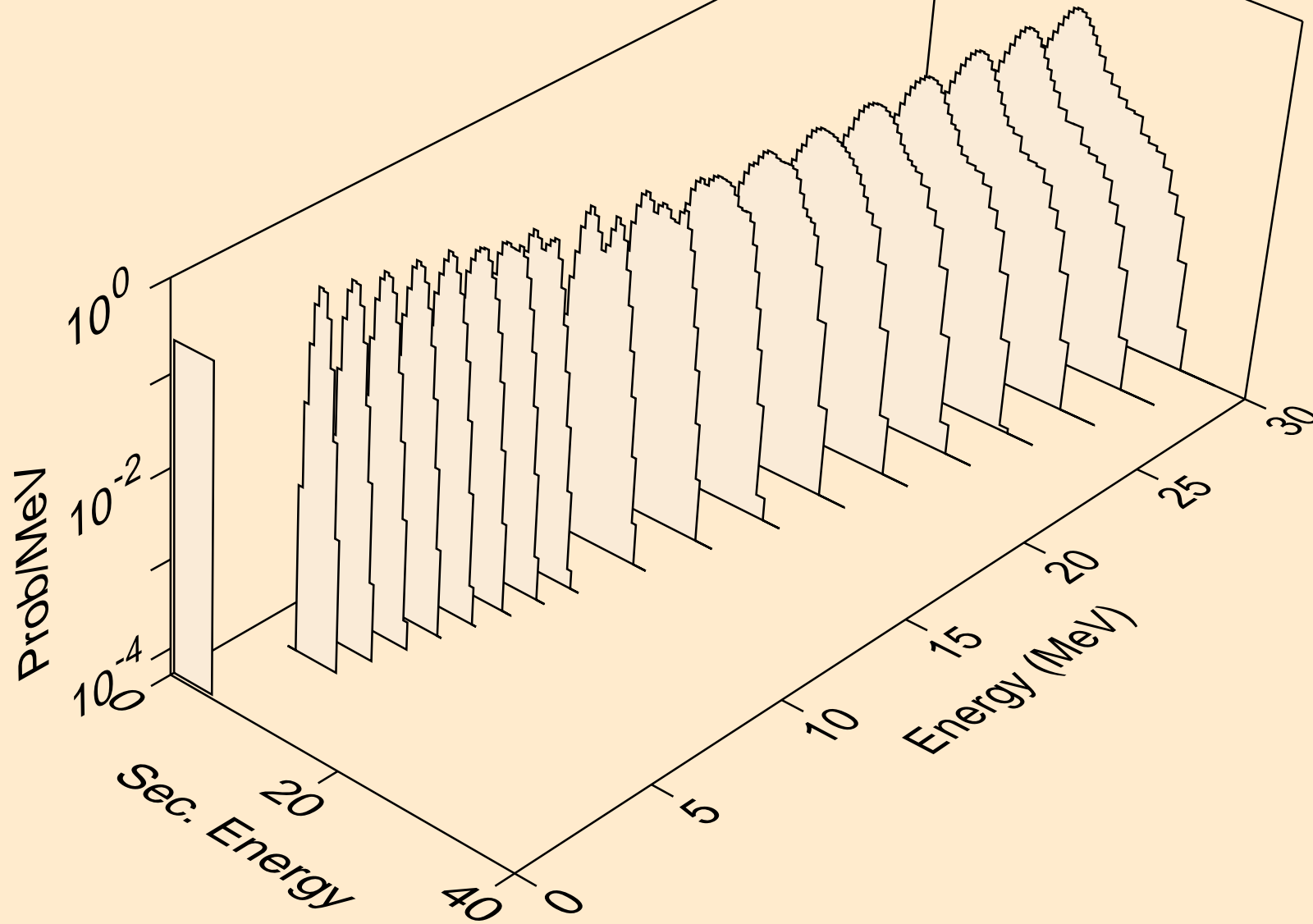
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,npa)



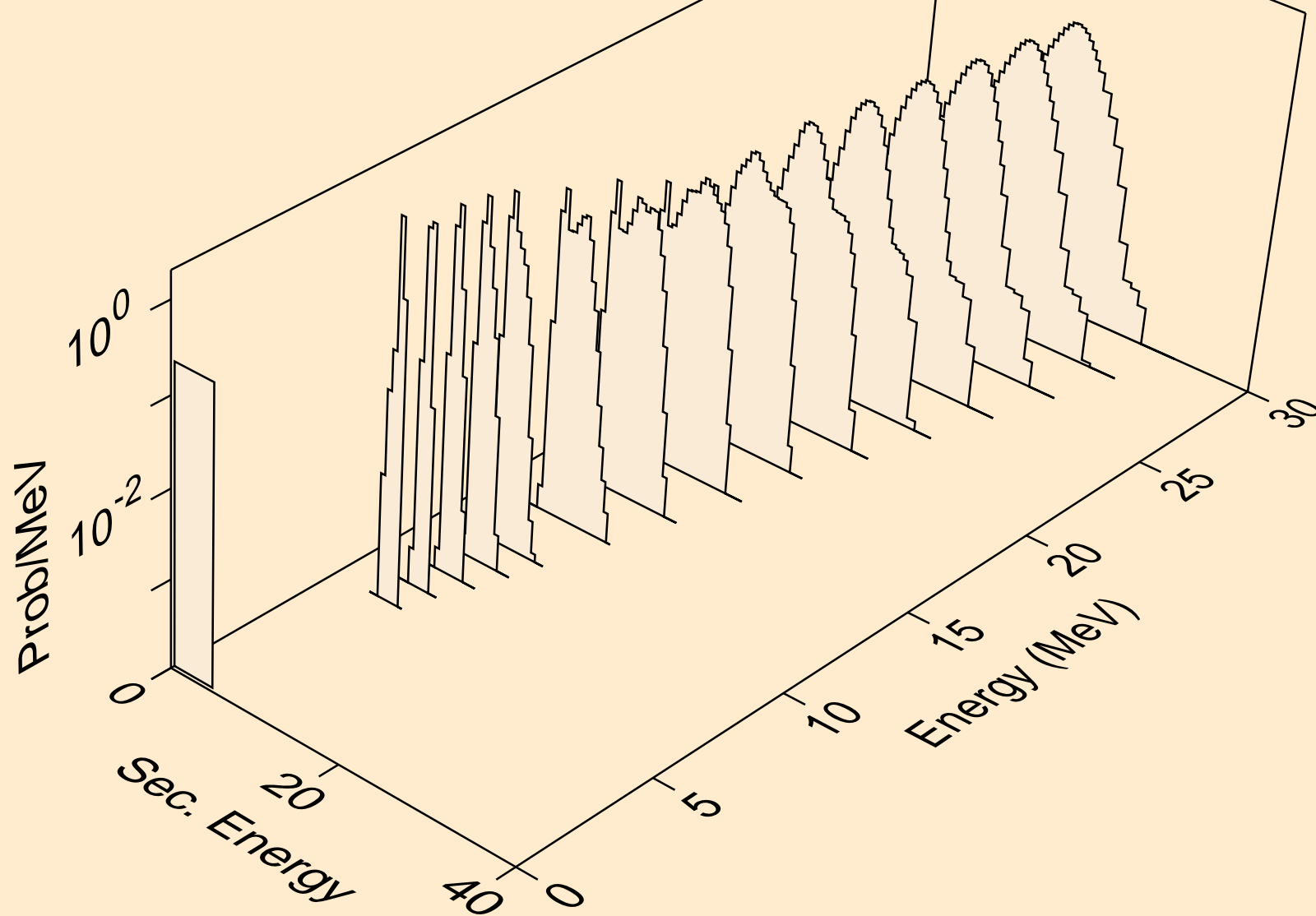
TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)



TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2a)



TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,pa)



TB152 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,da)

