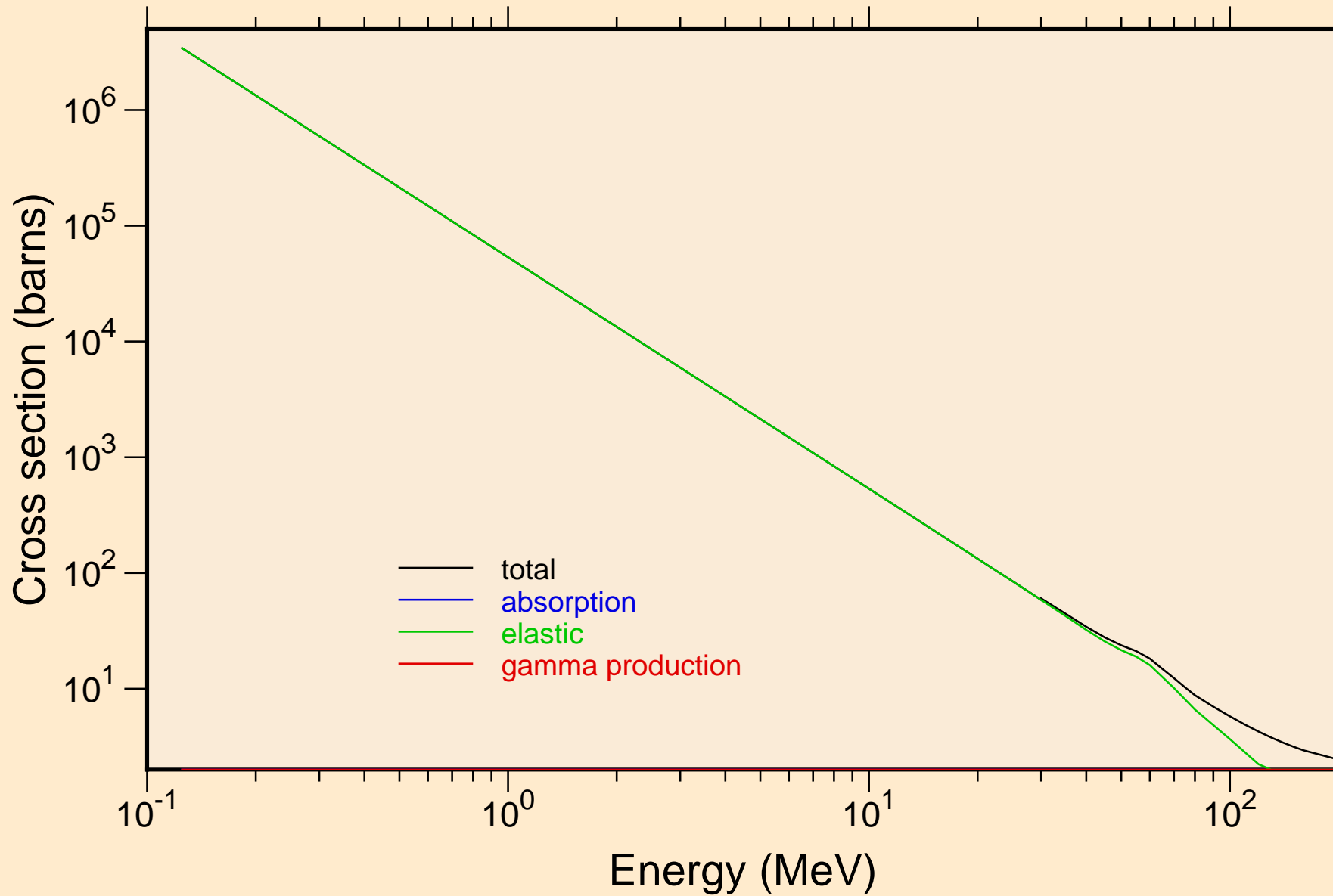


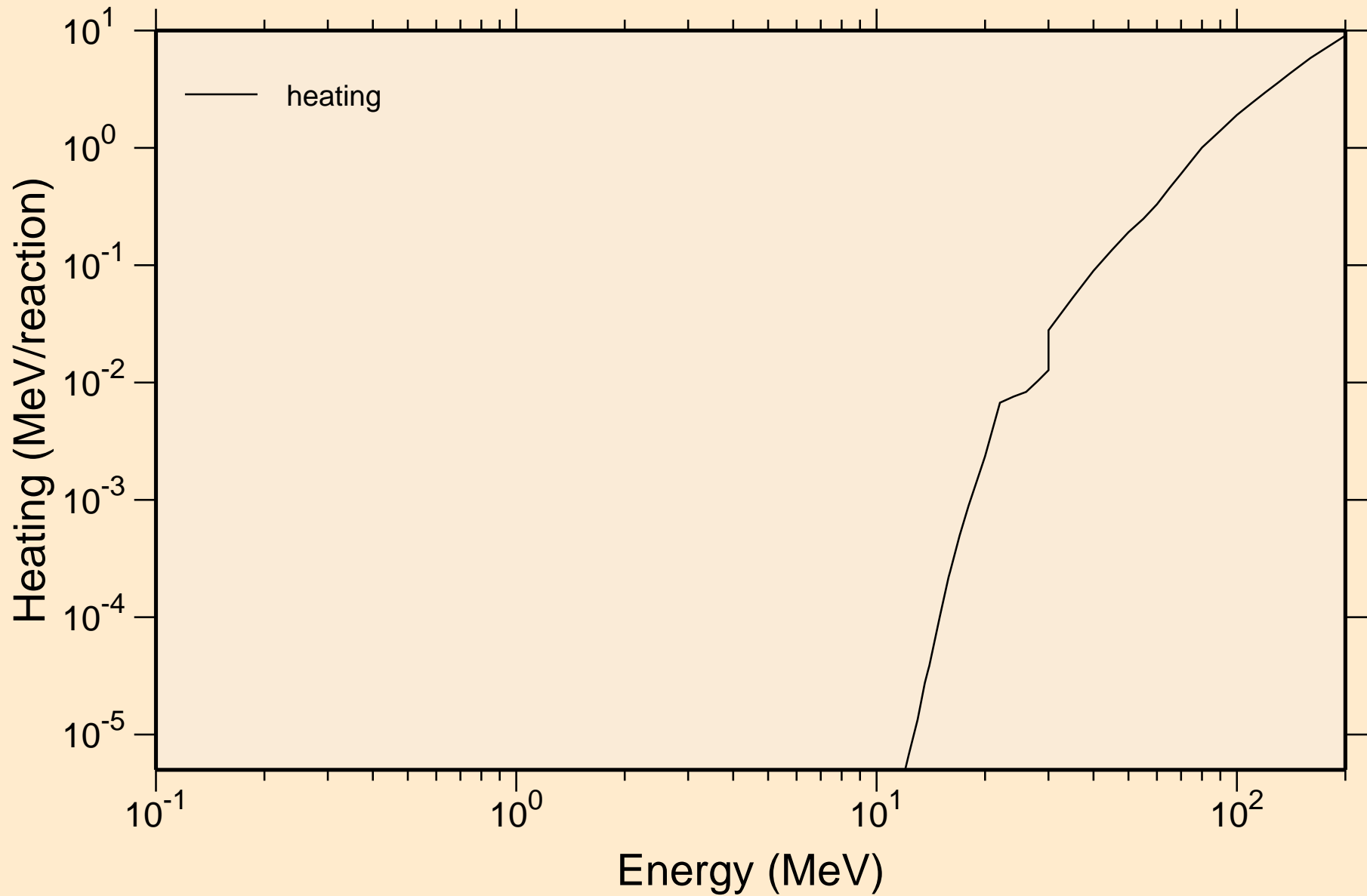
# NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



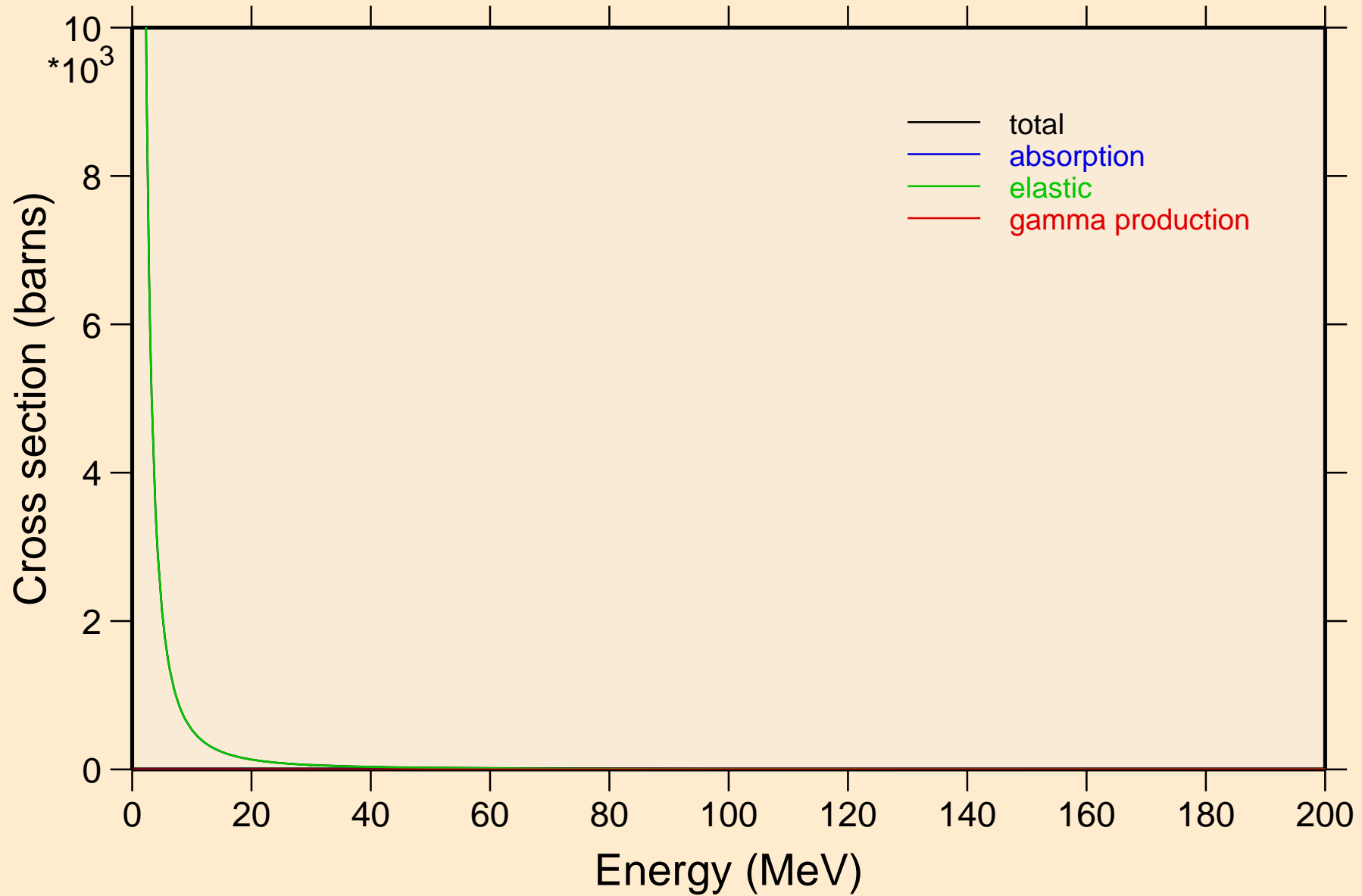
# NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



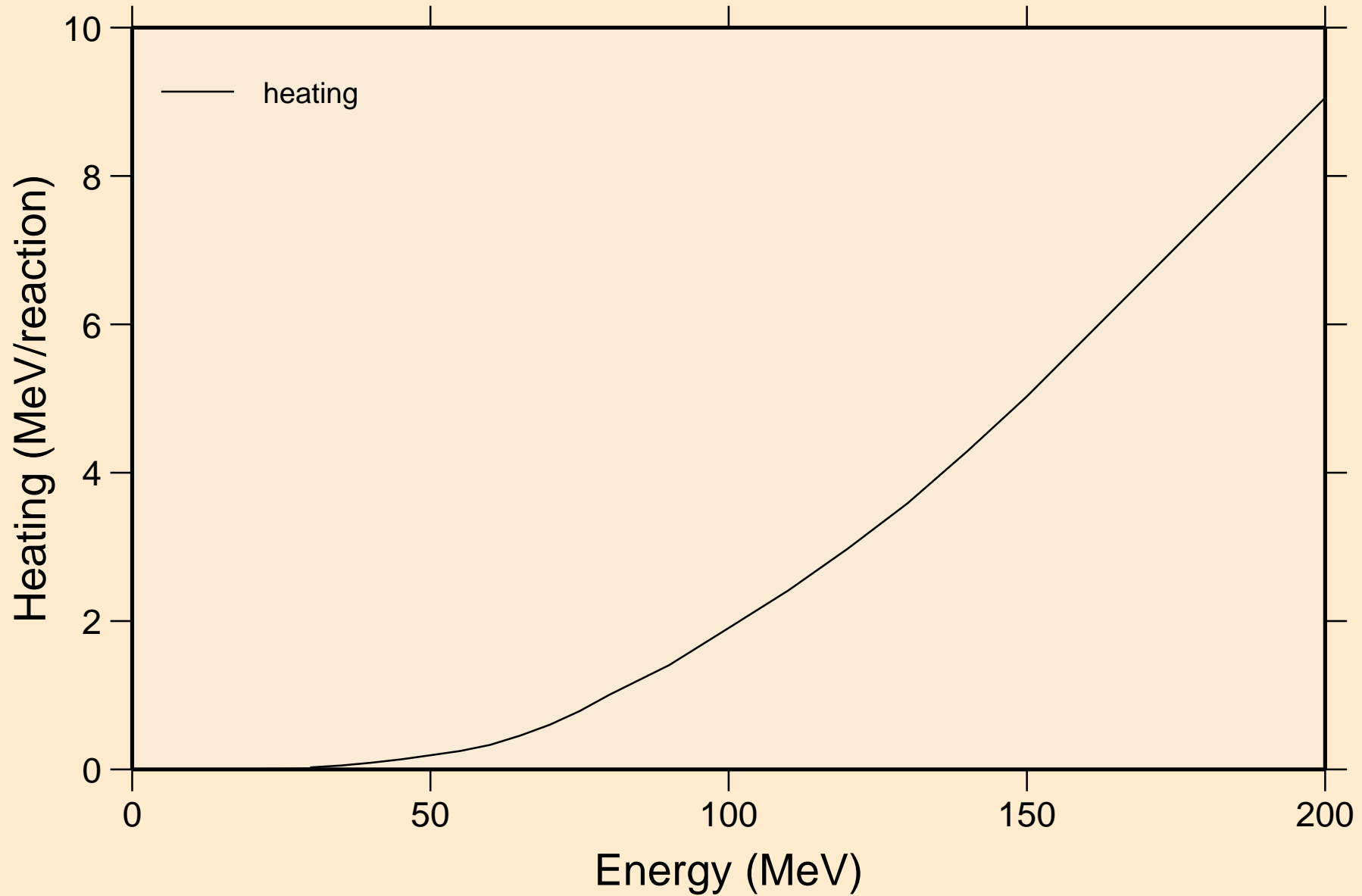
# NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



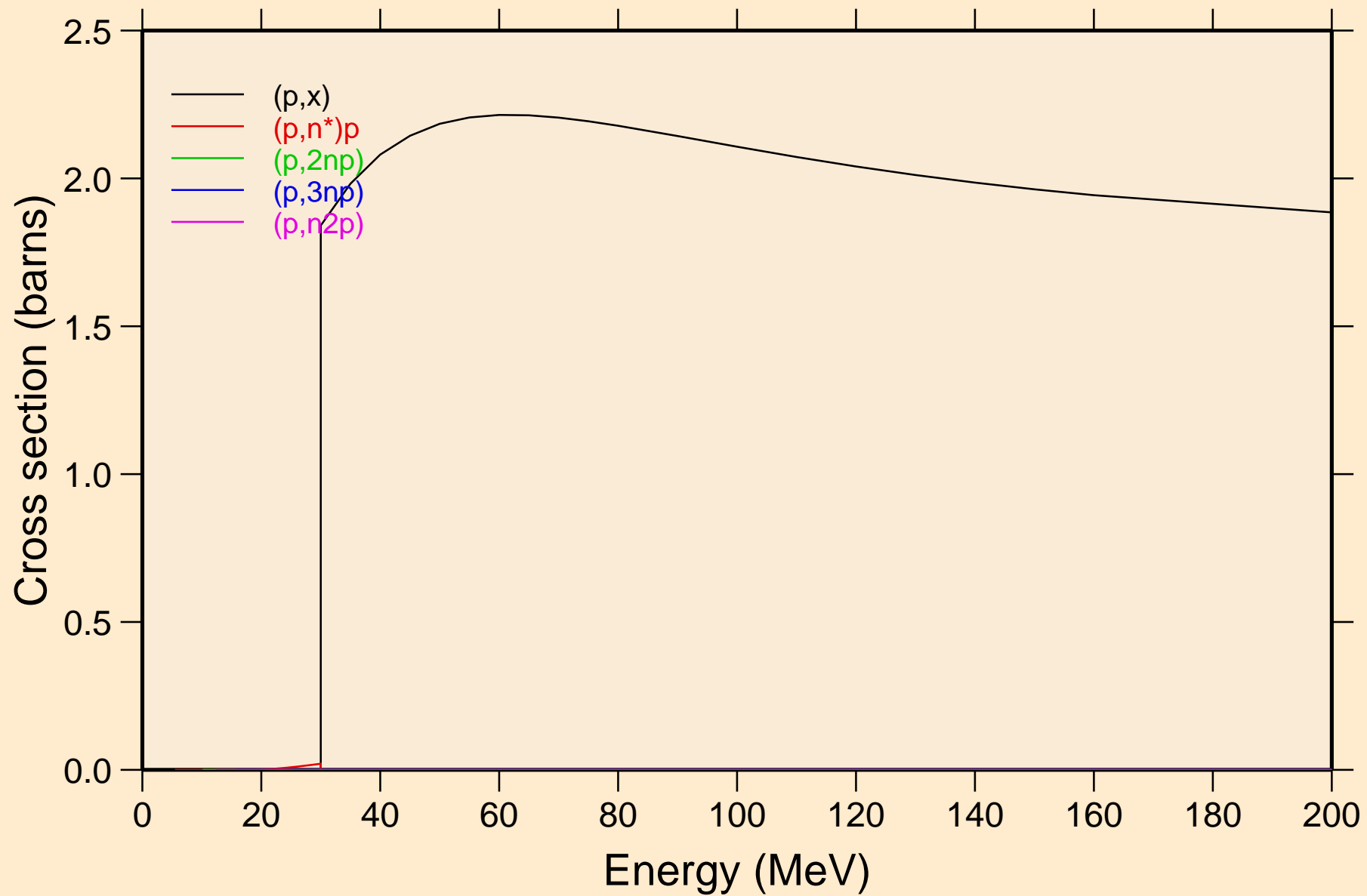
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



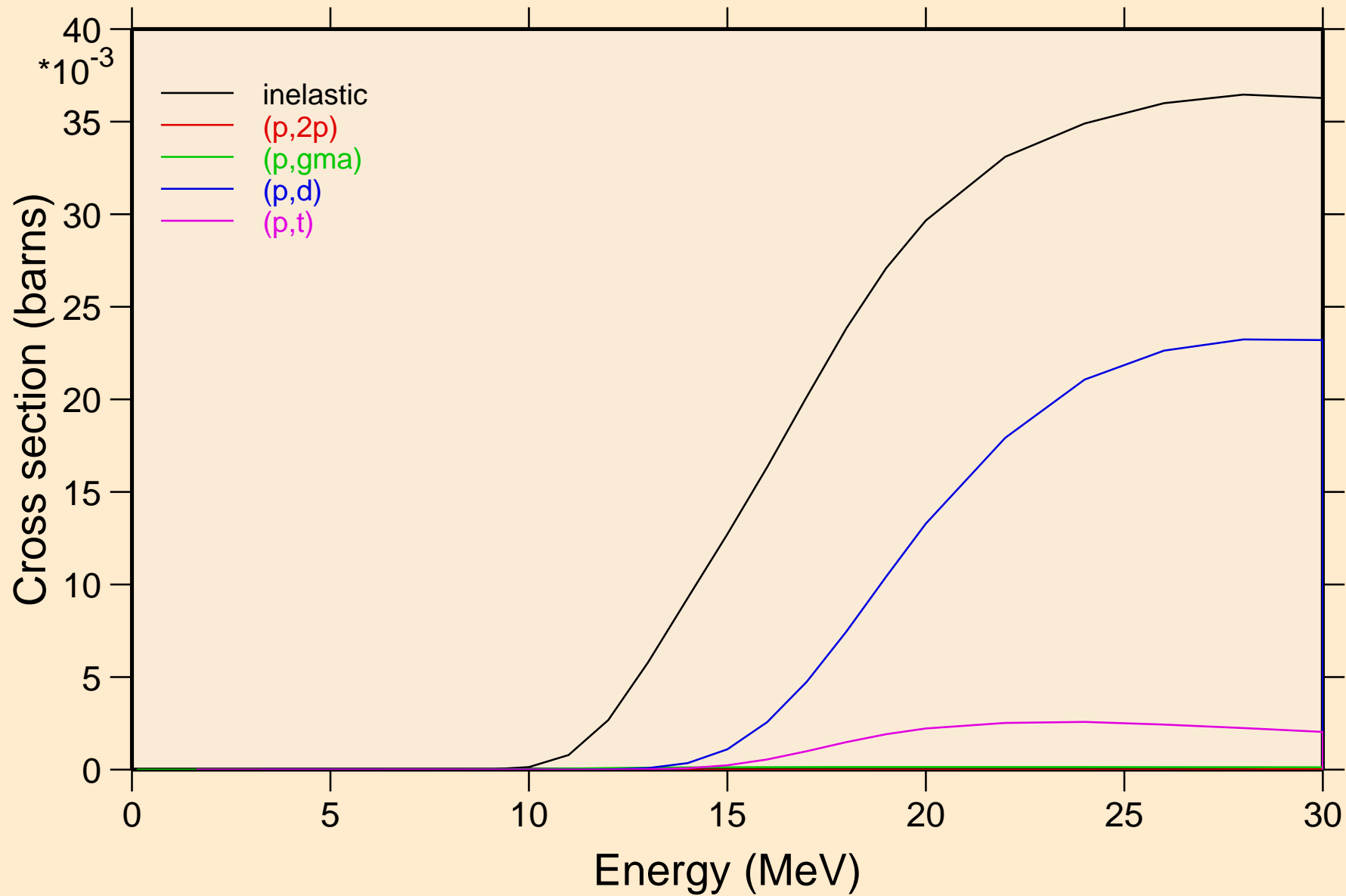
# NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

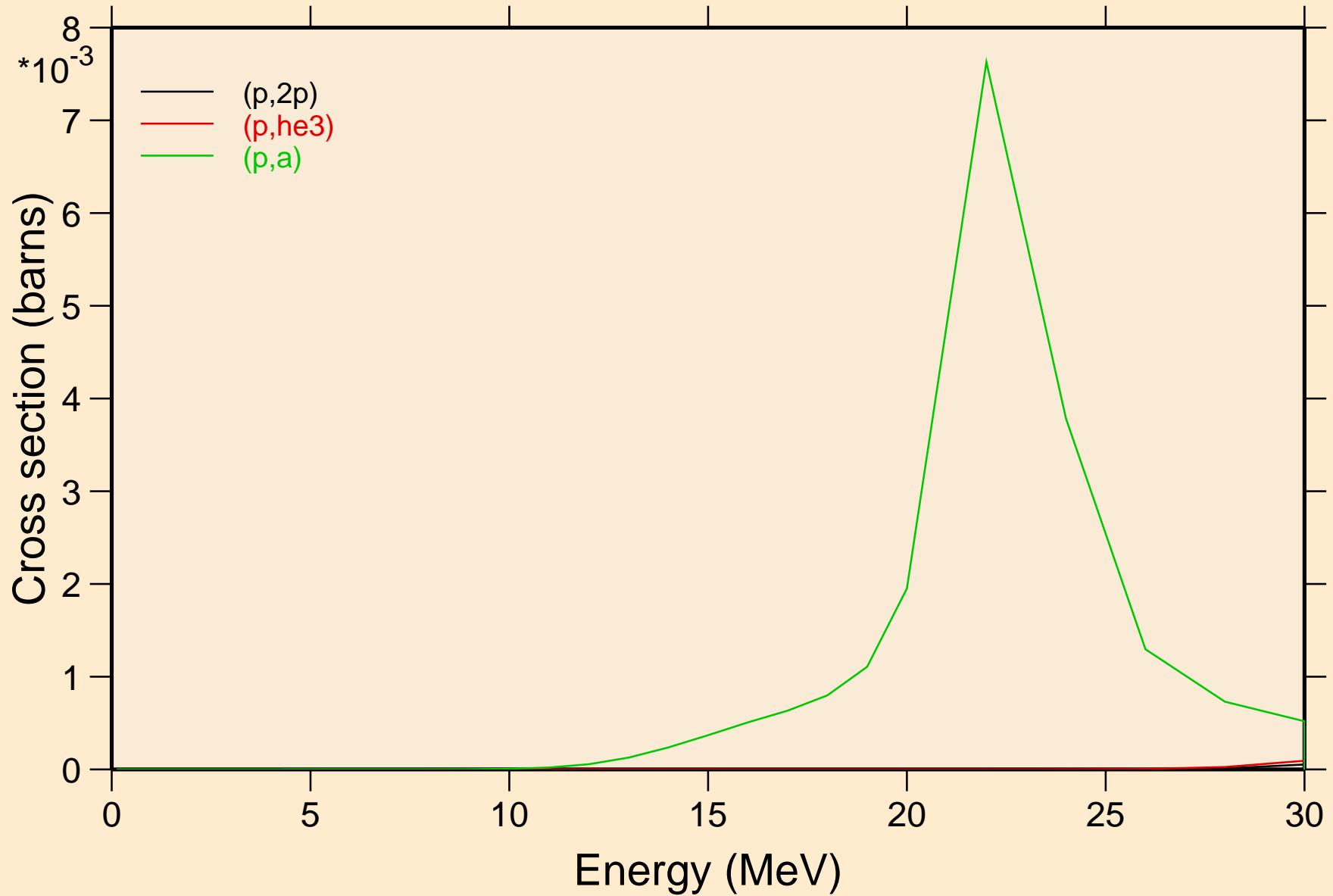


# NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K

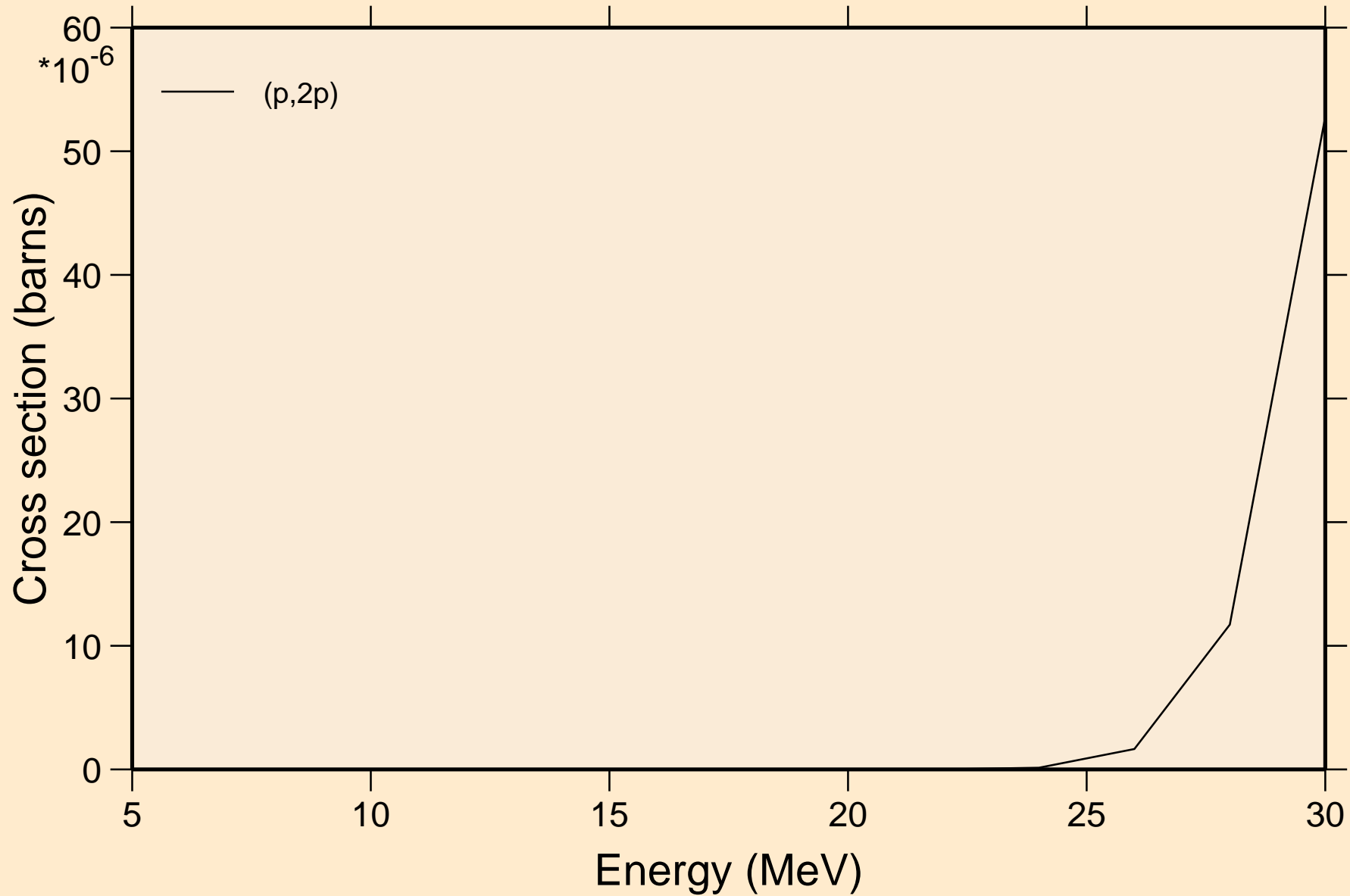
## Threshold reactions



NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

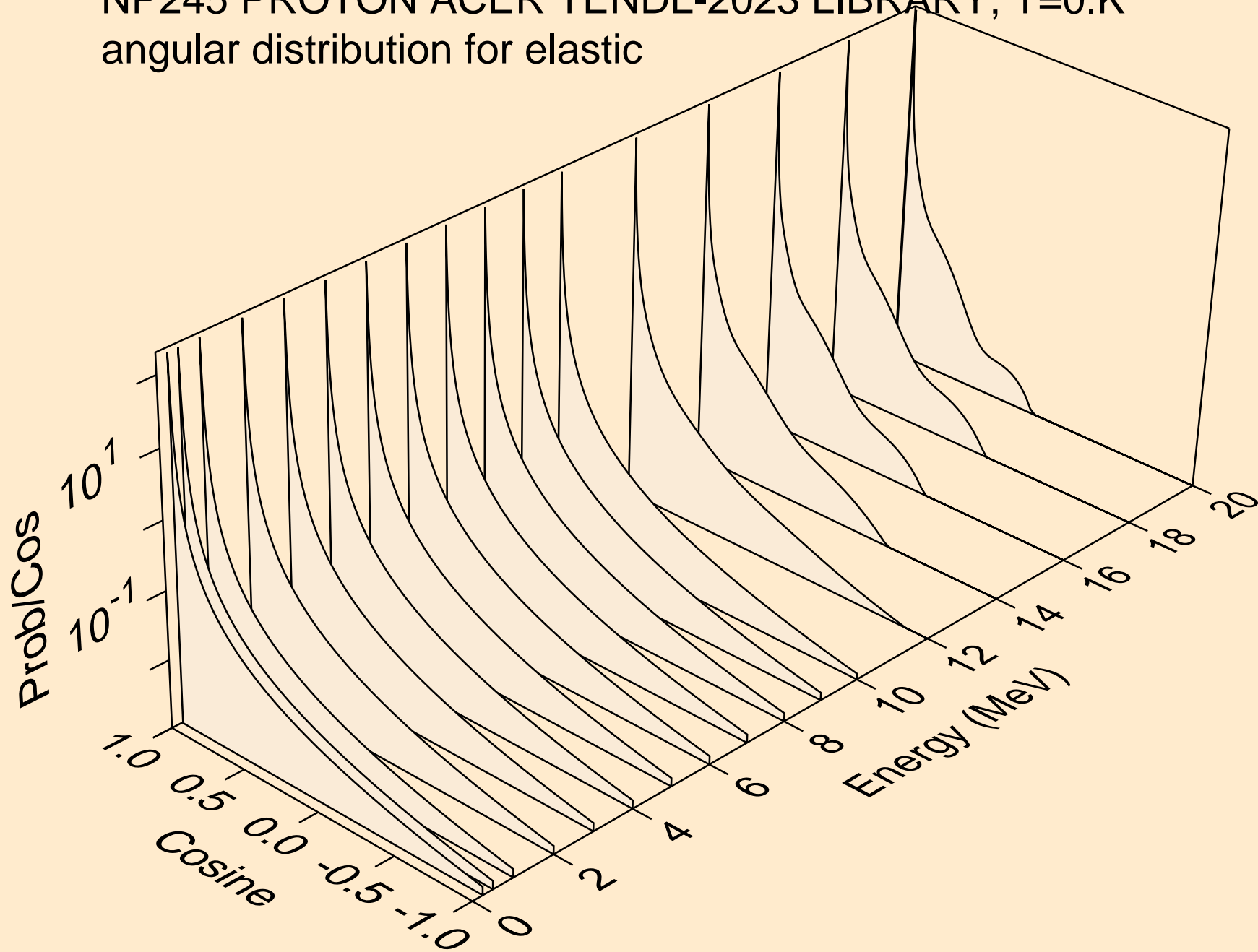


NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

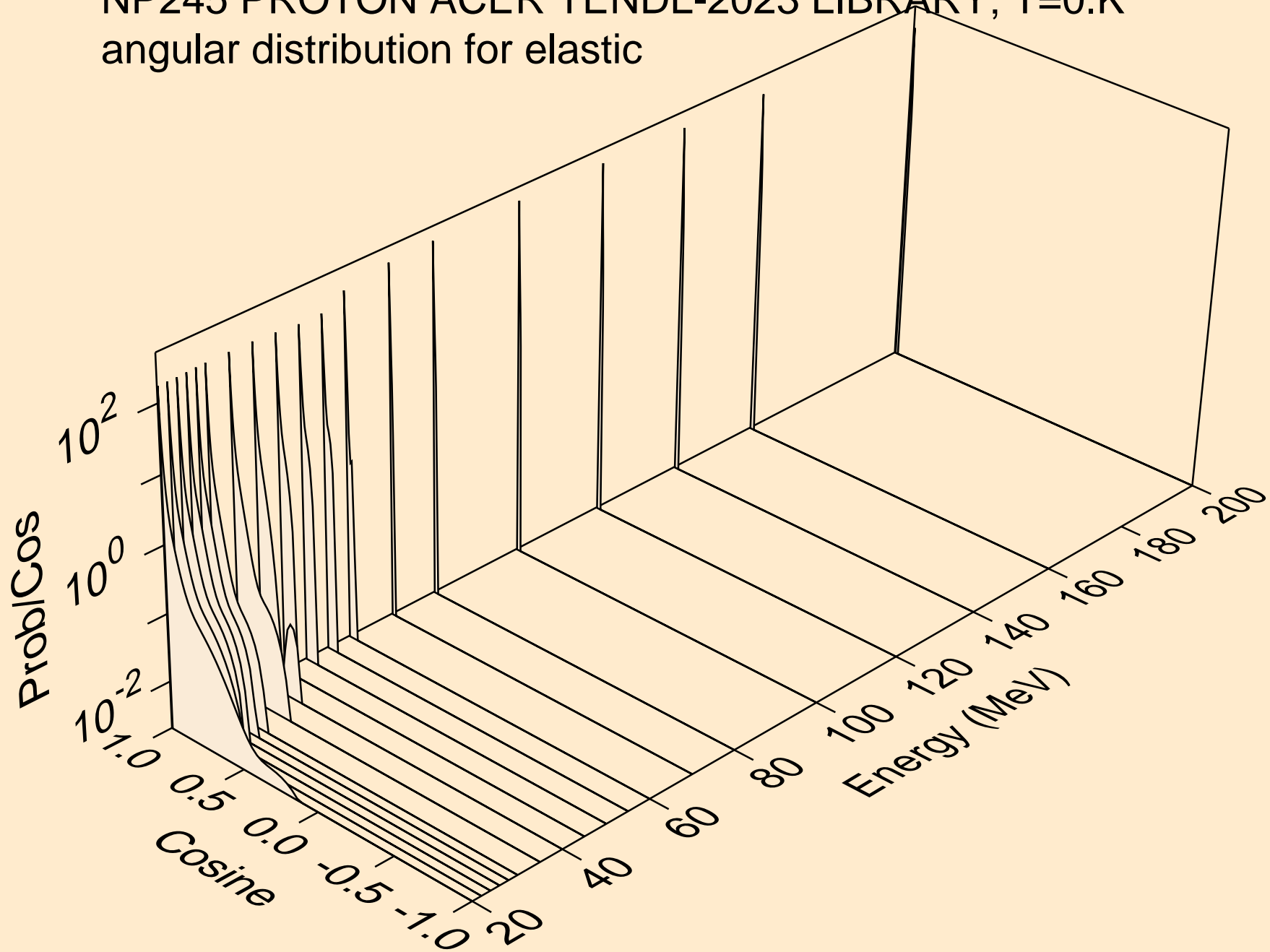




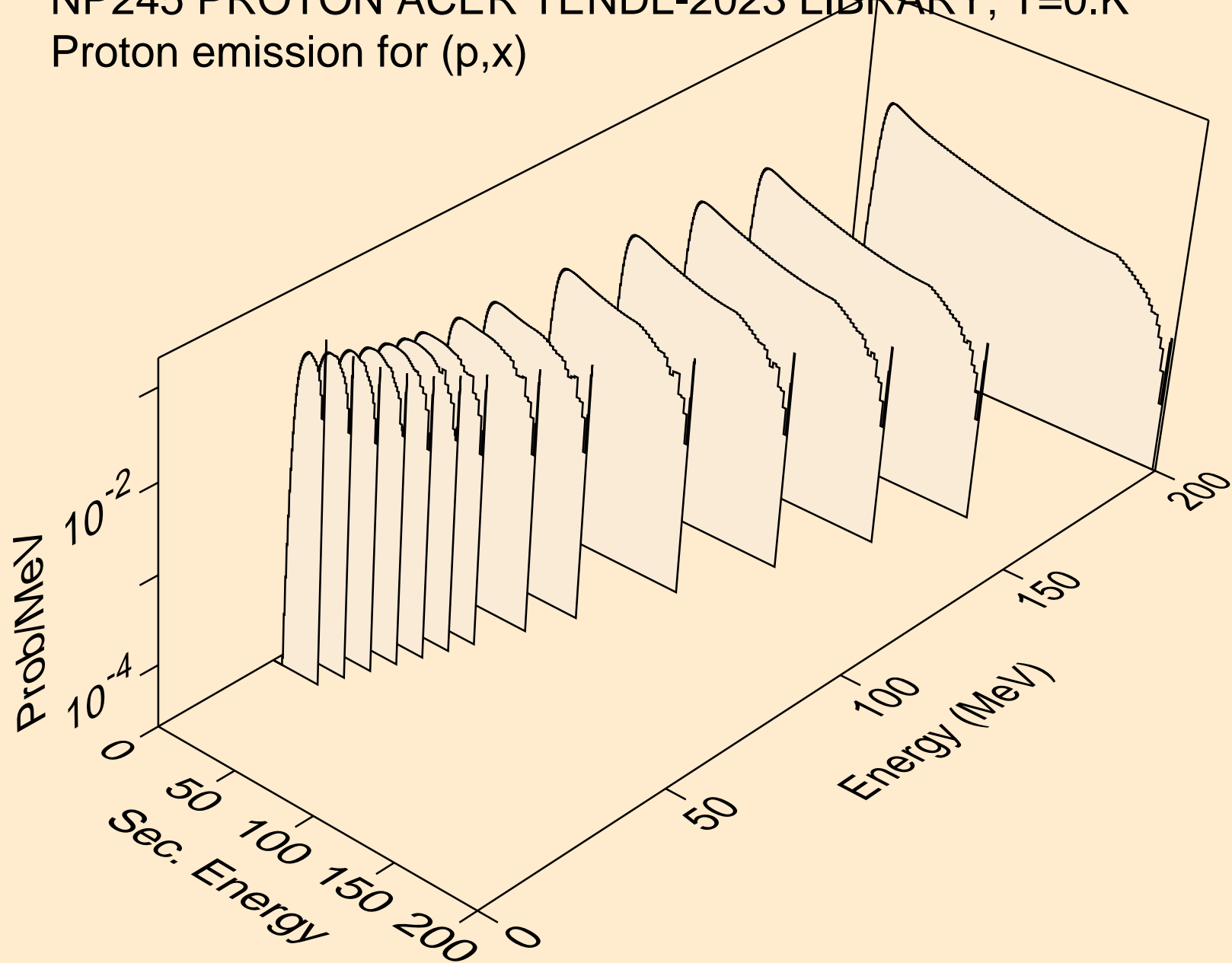
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



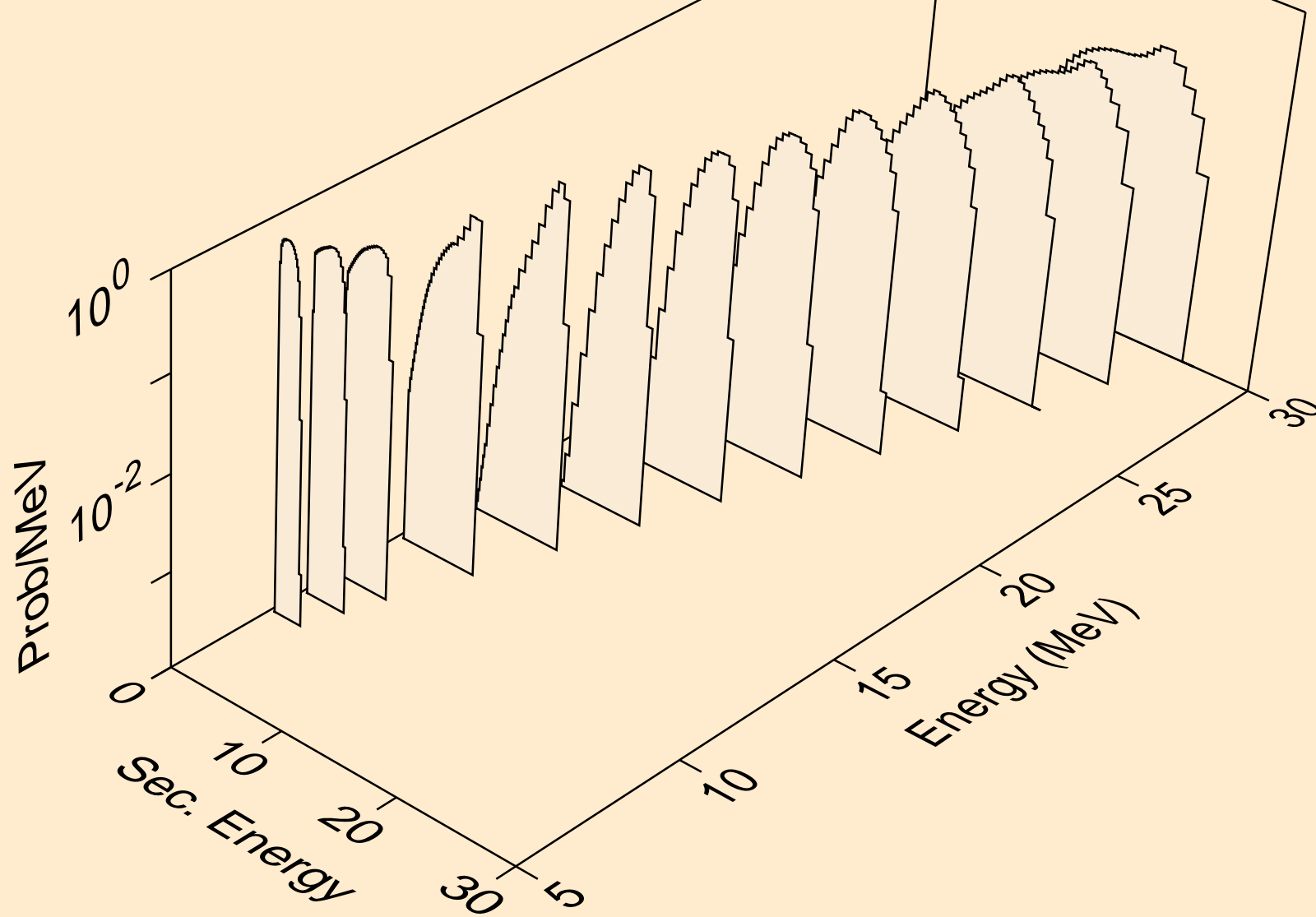
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



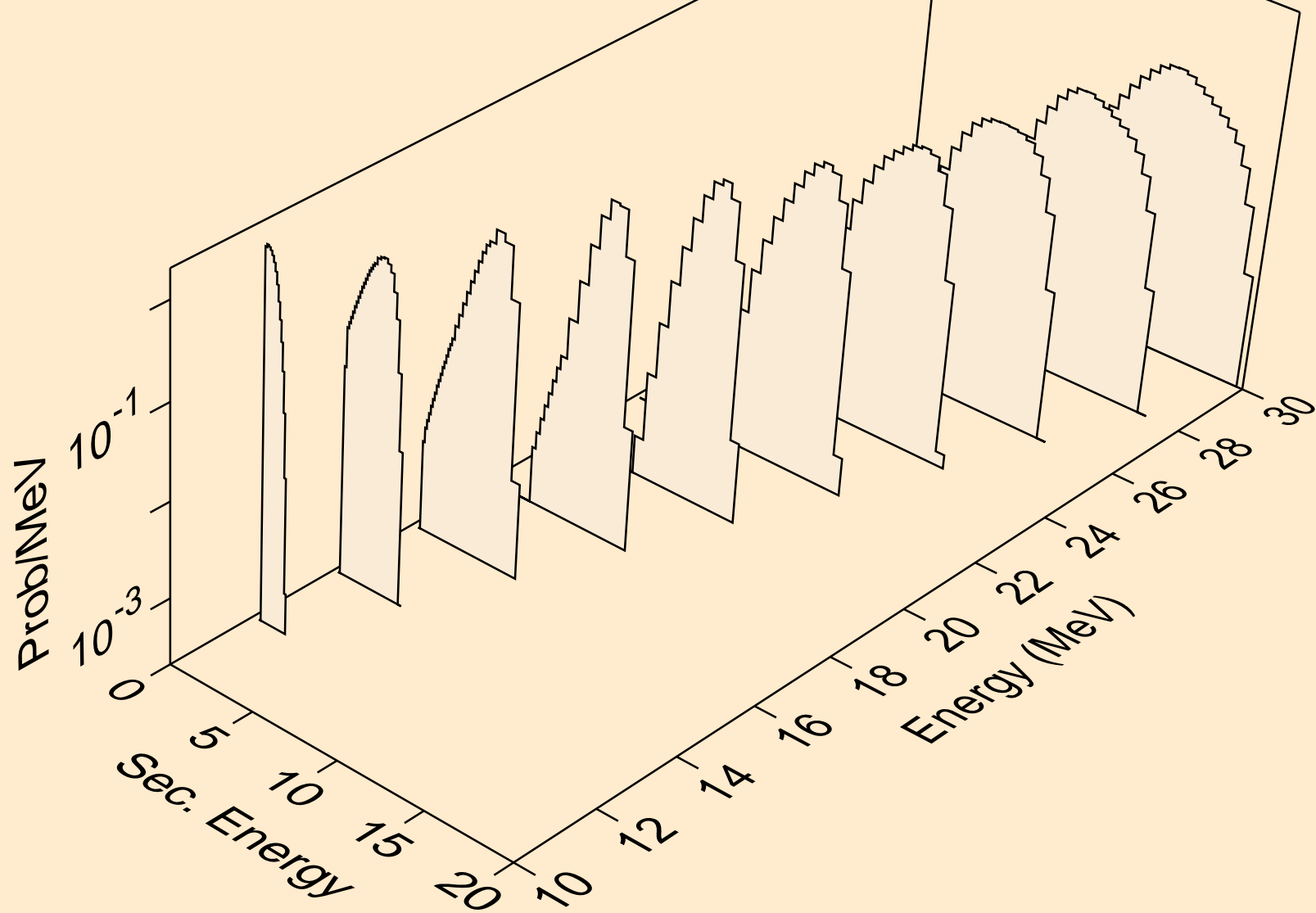
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



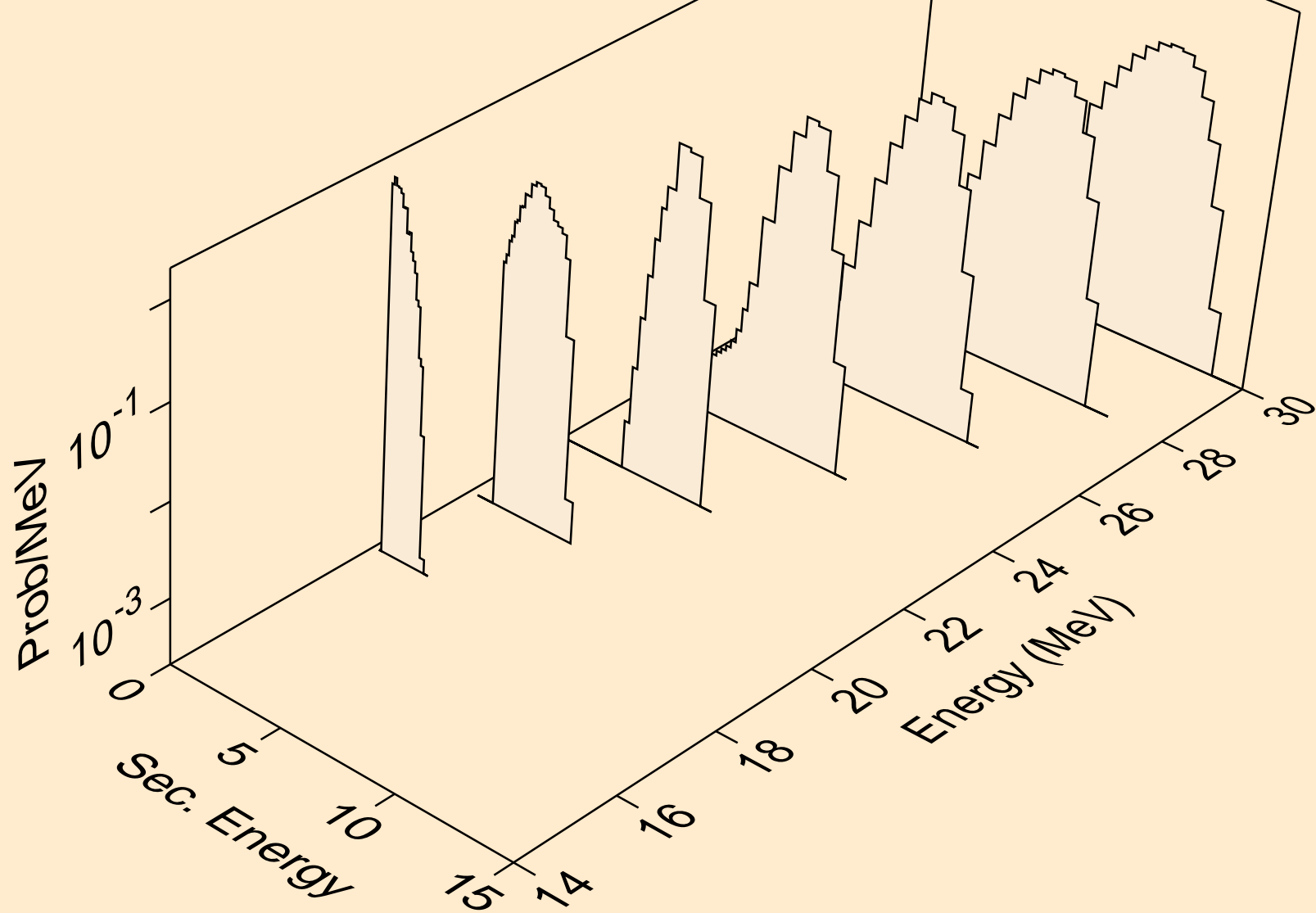
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



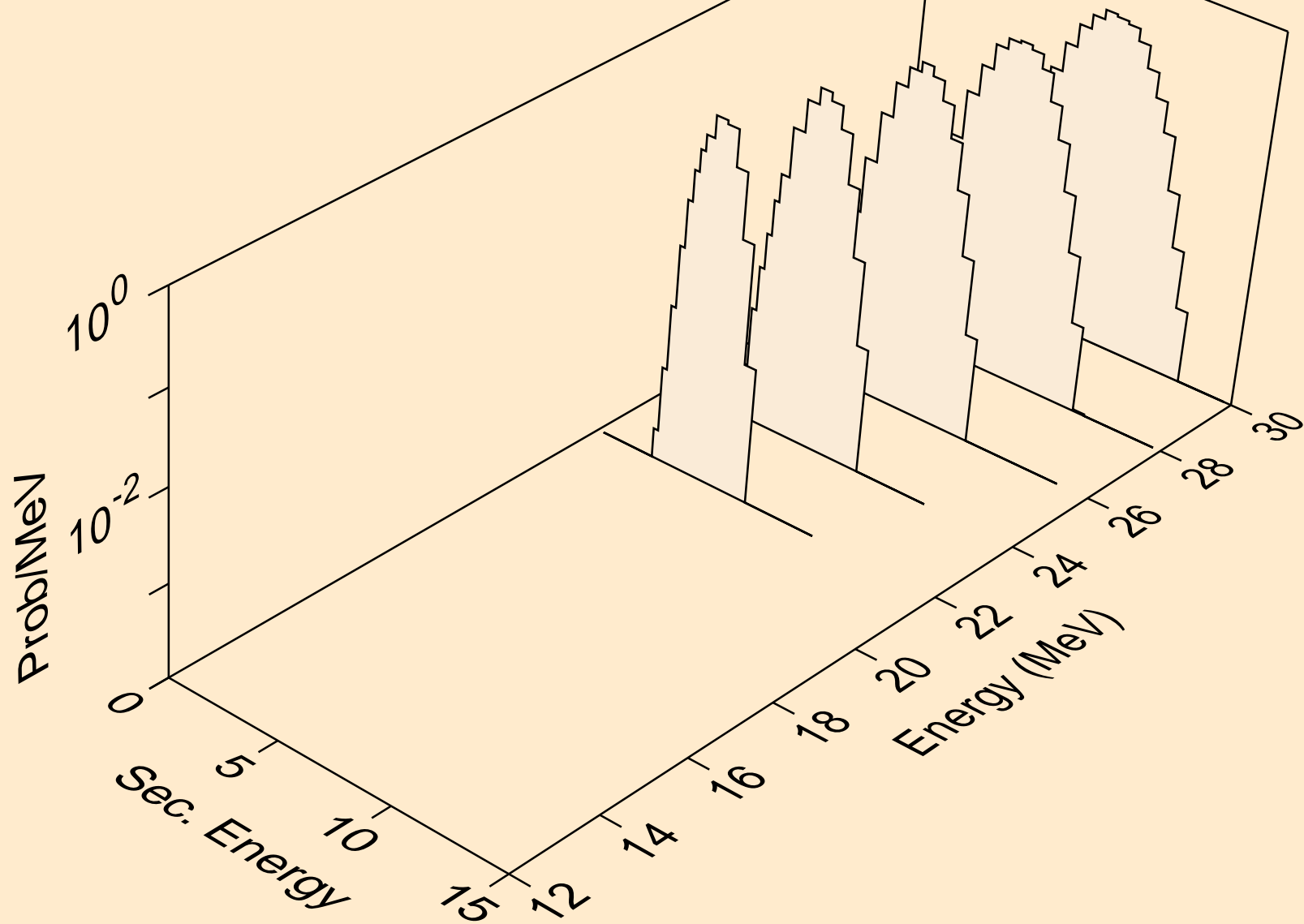
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



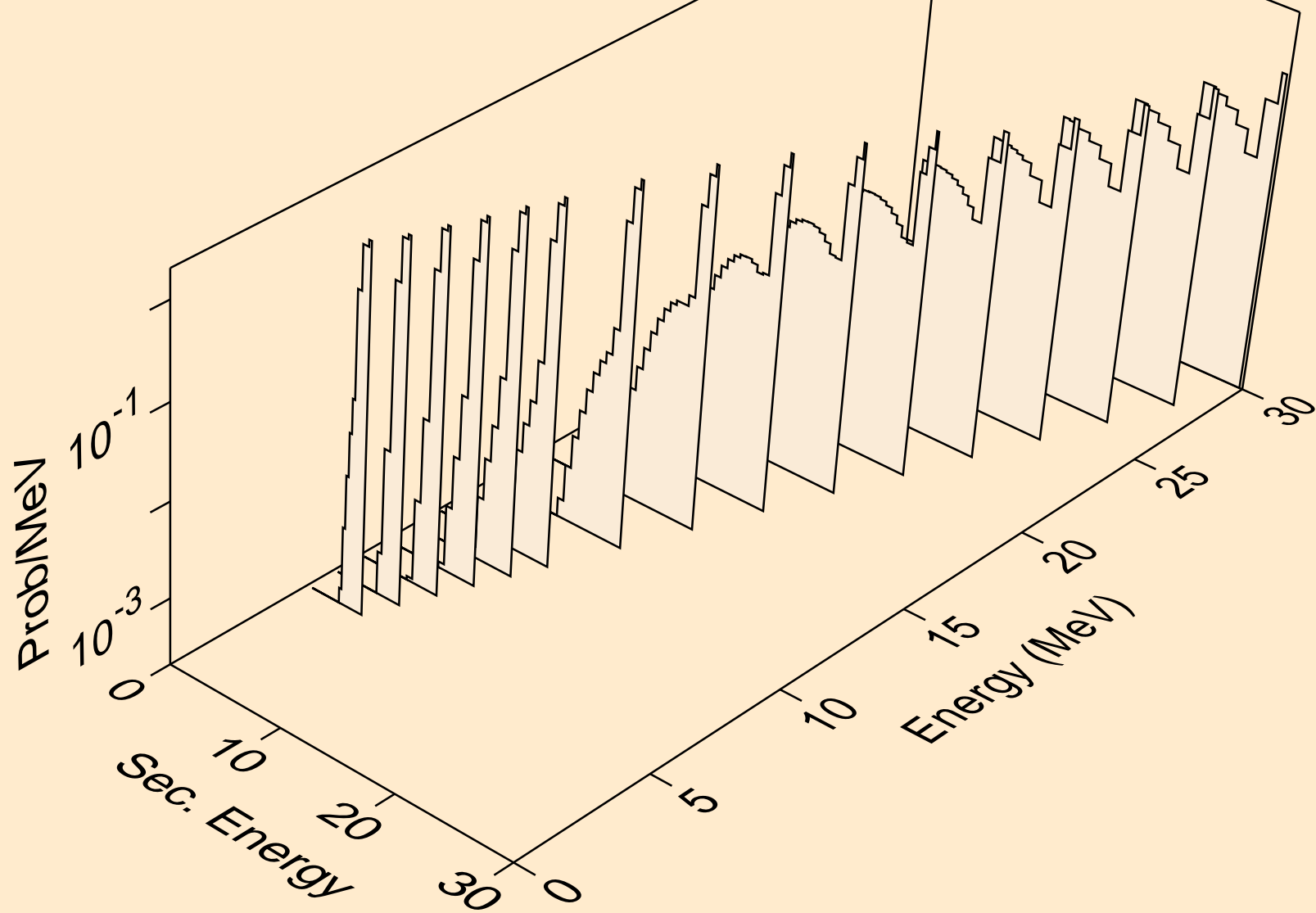
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

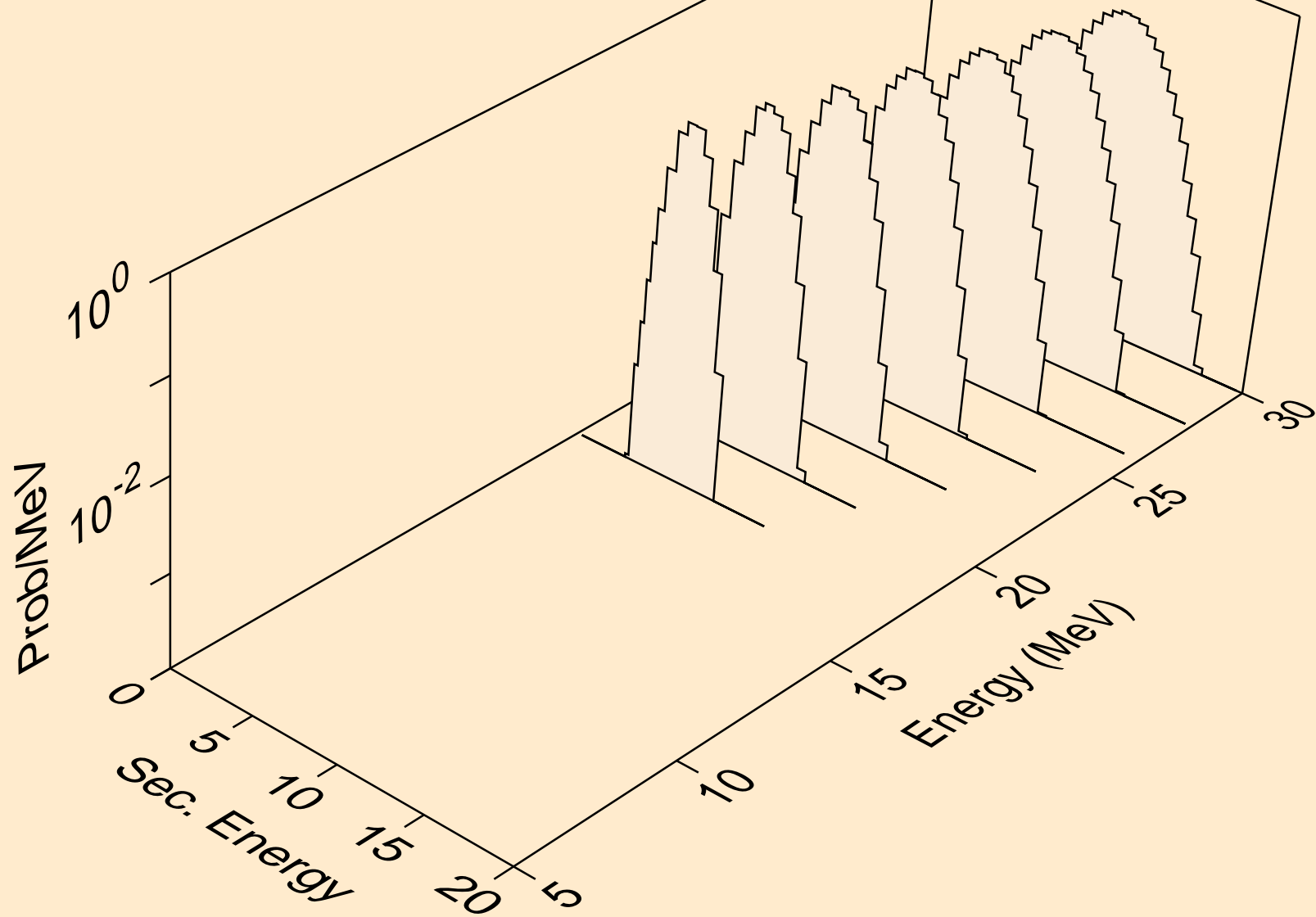


NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

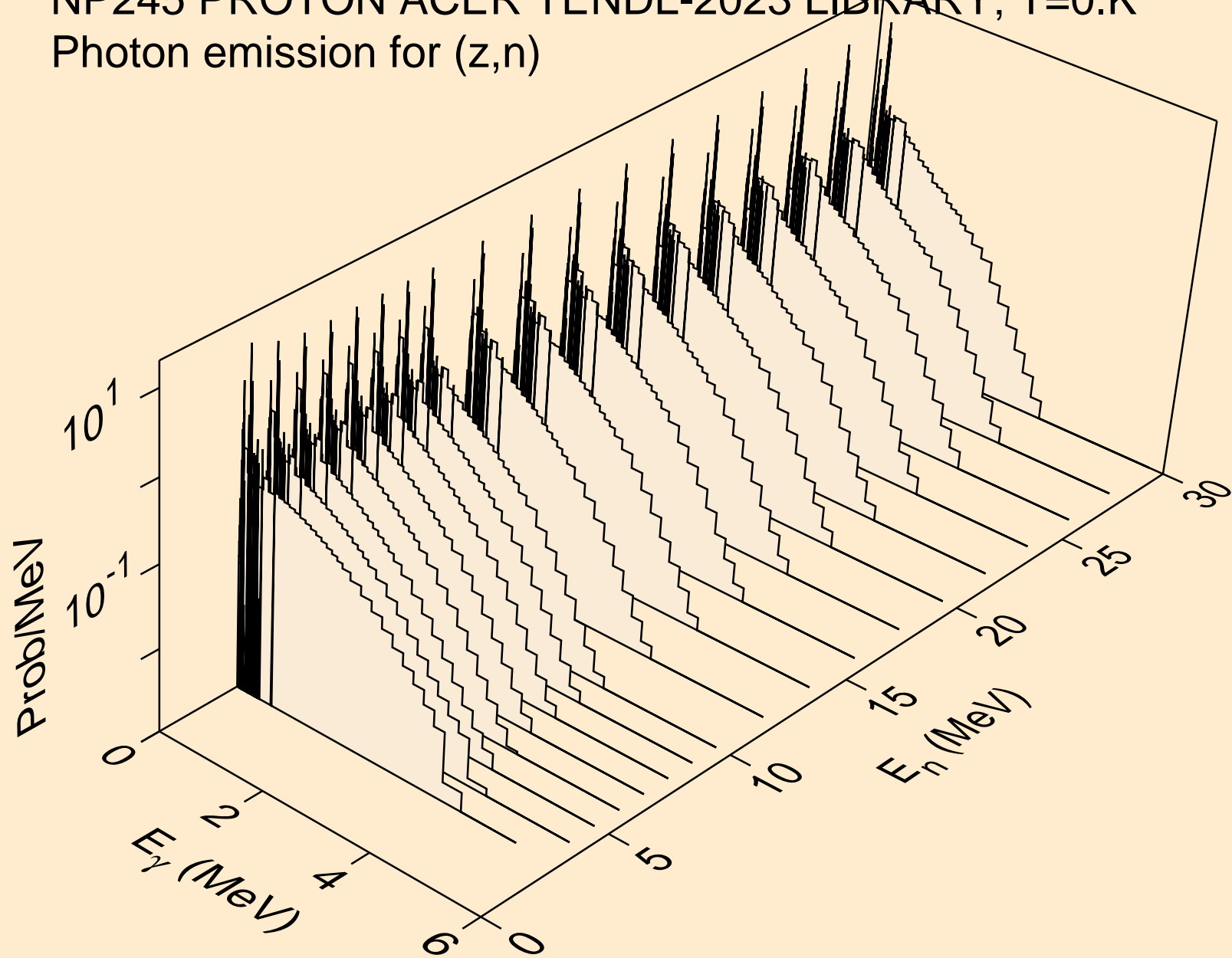




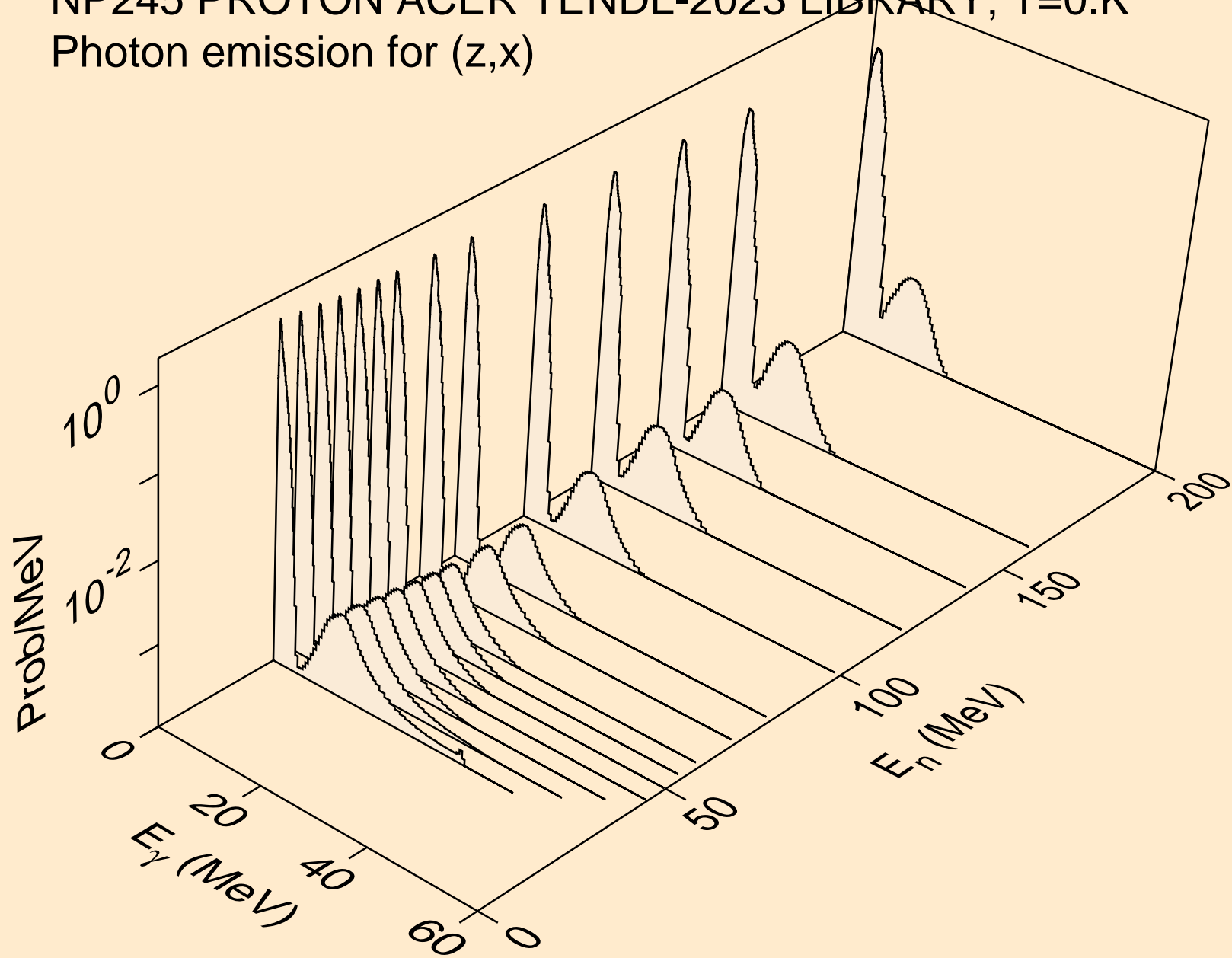
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



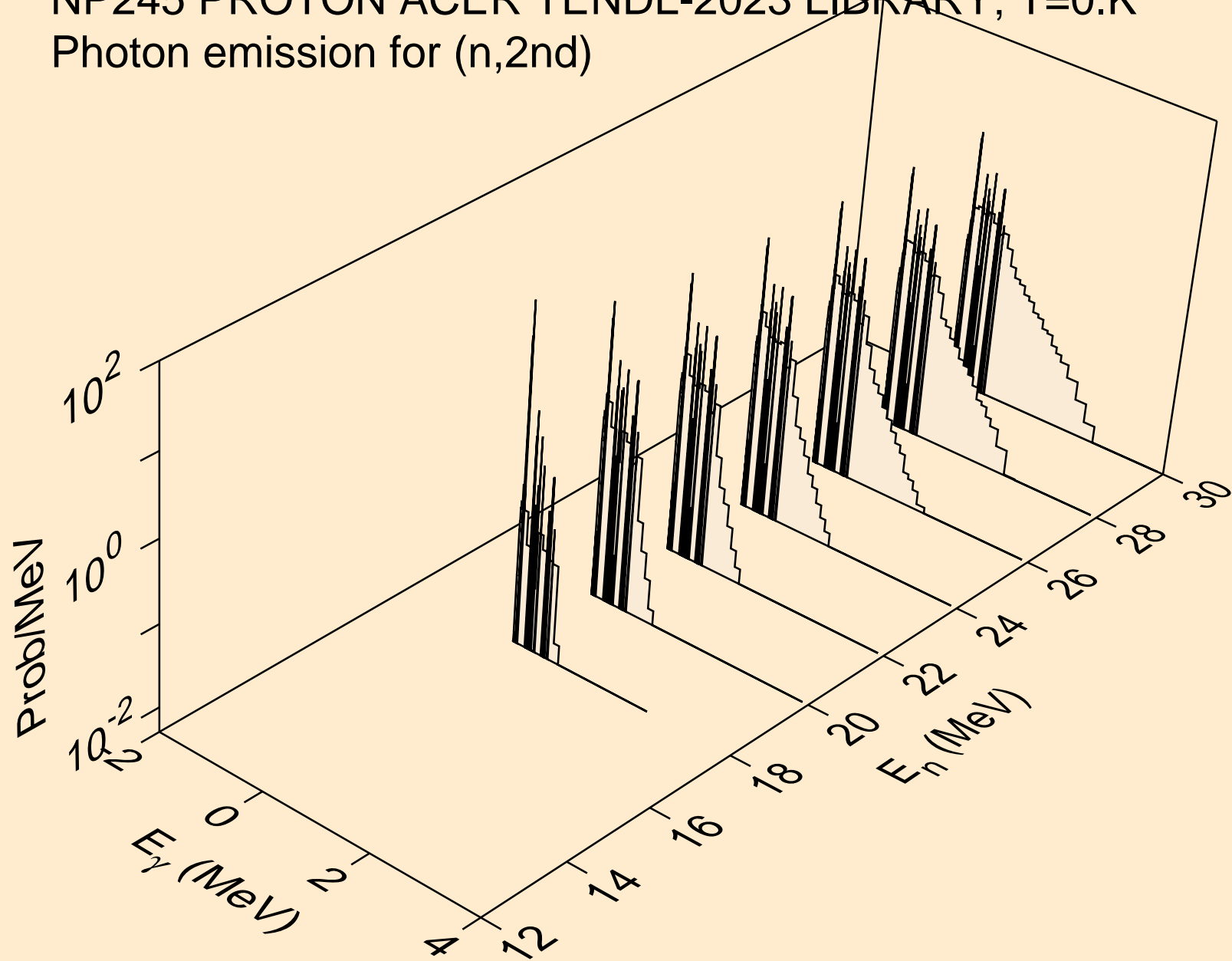
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



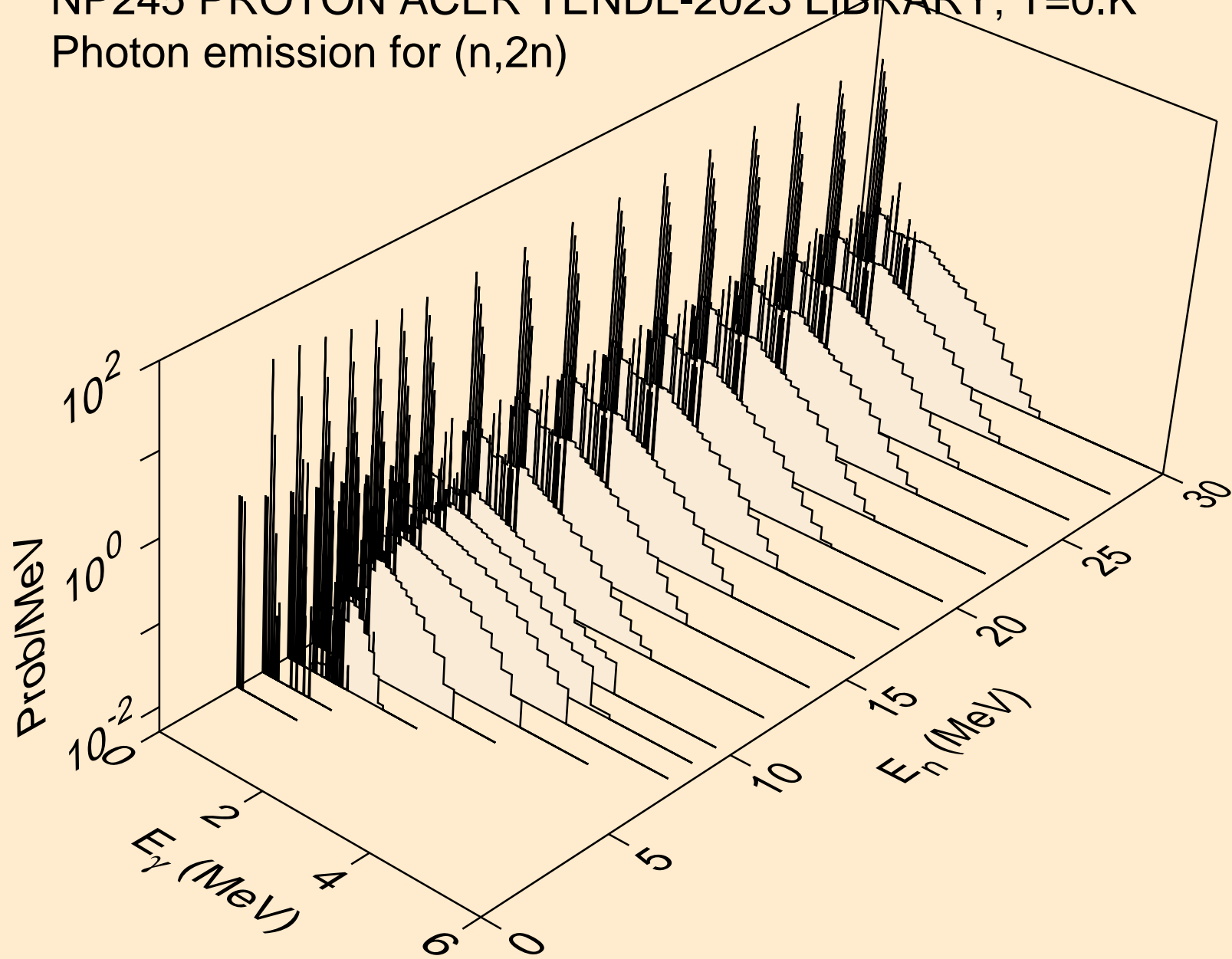
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



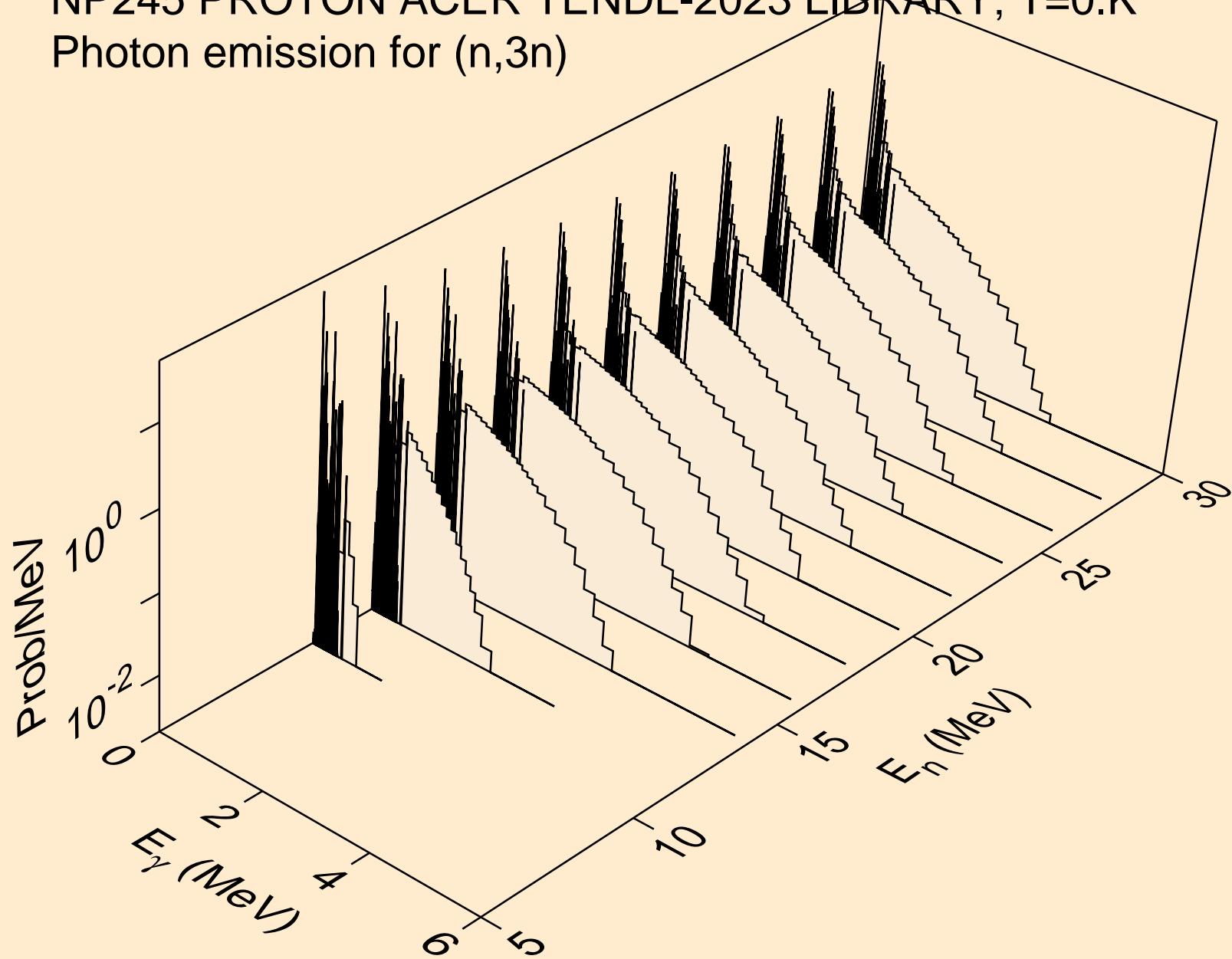
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



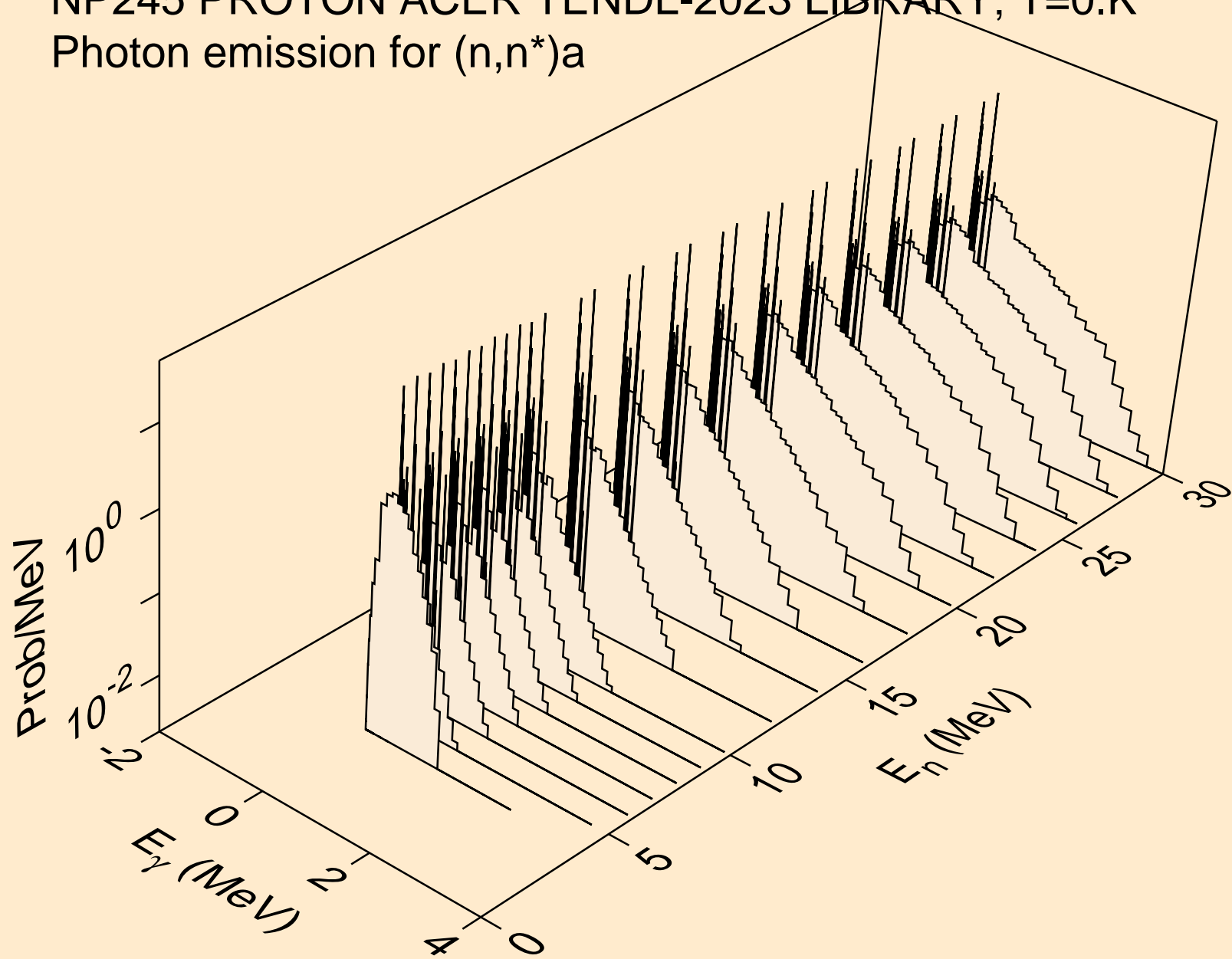
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



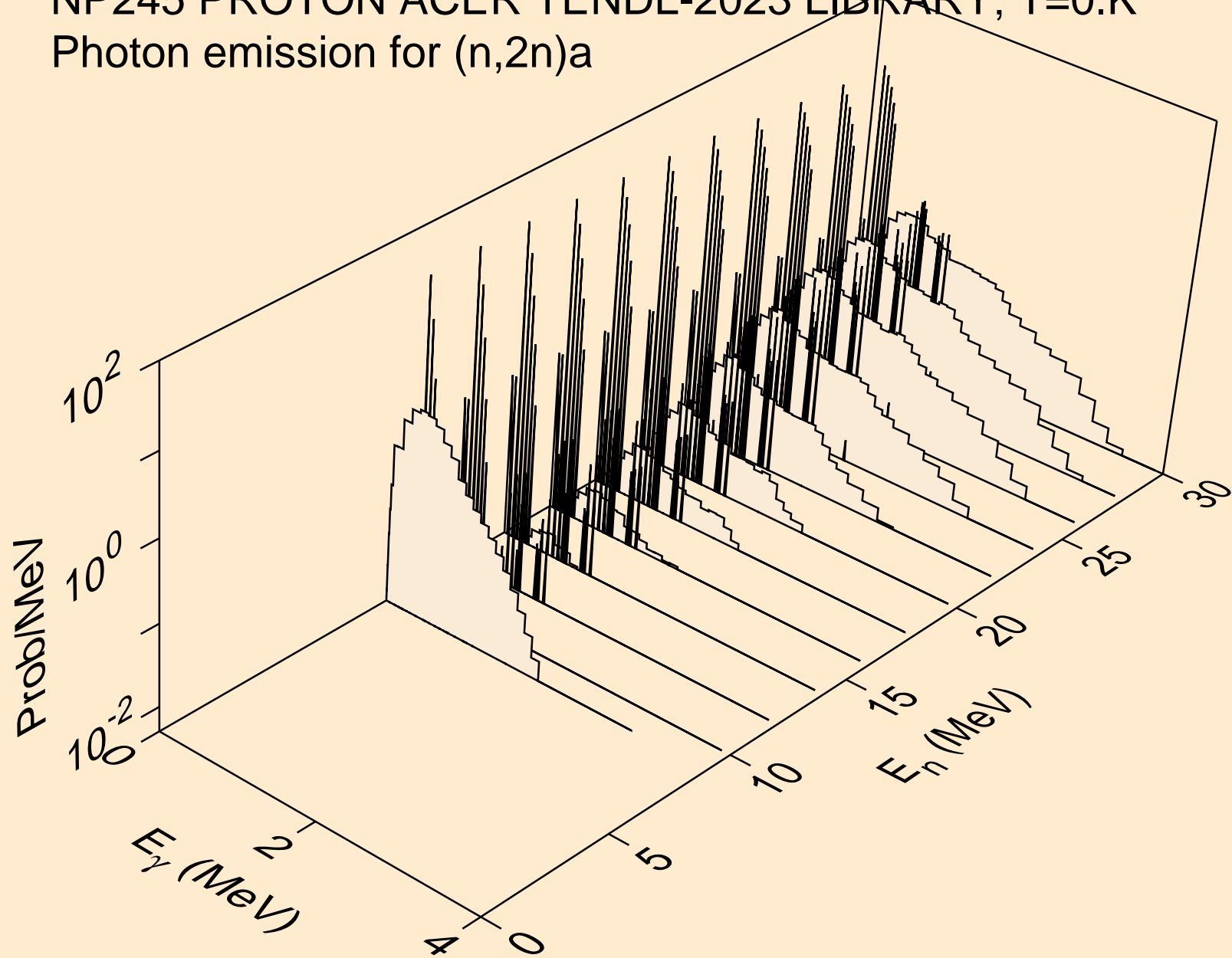
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

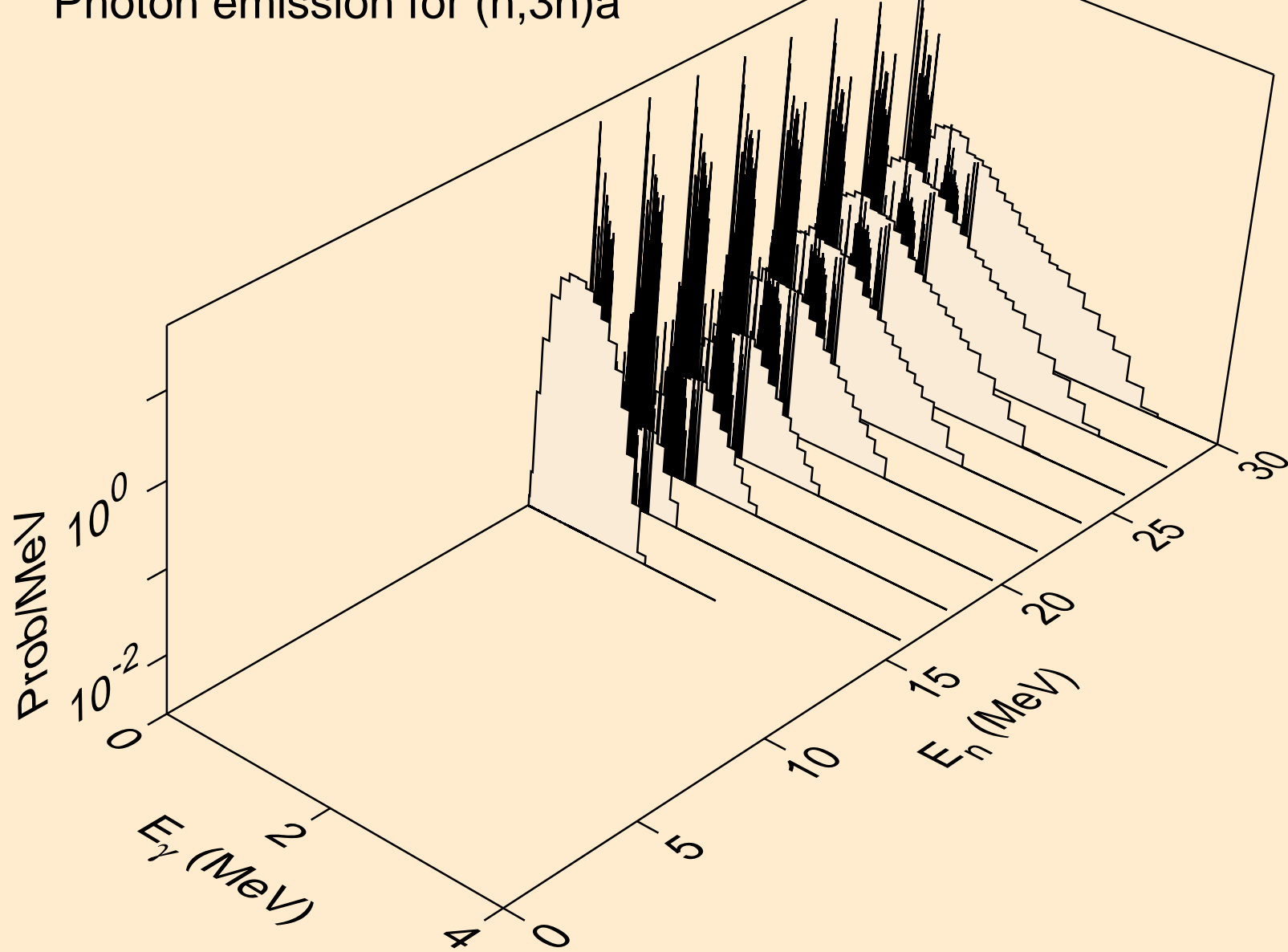


NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

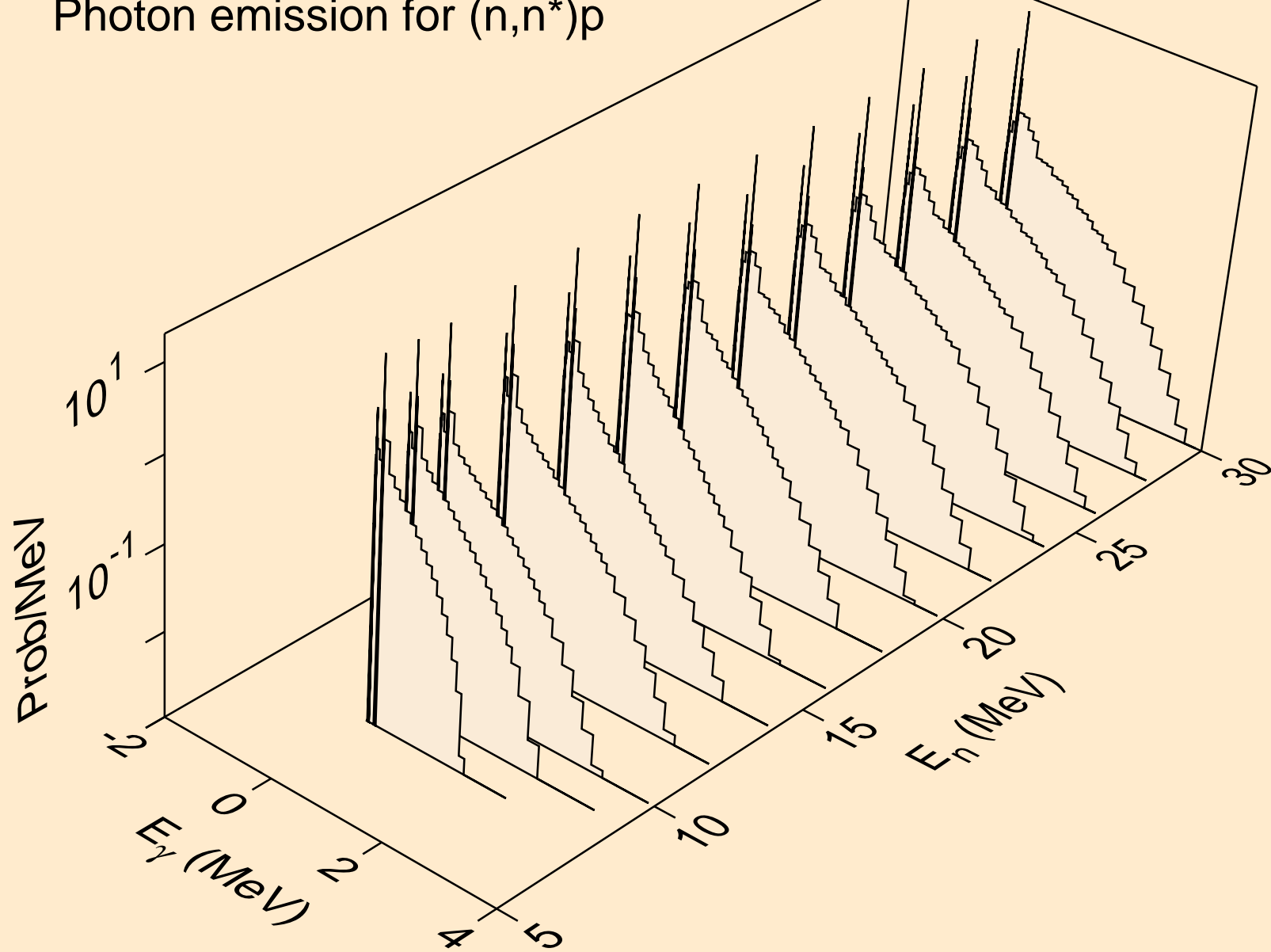




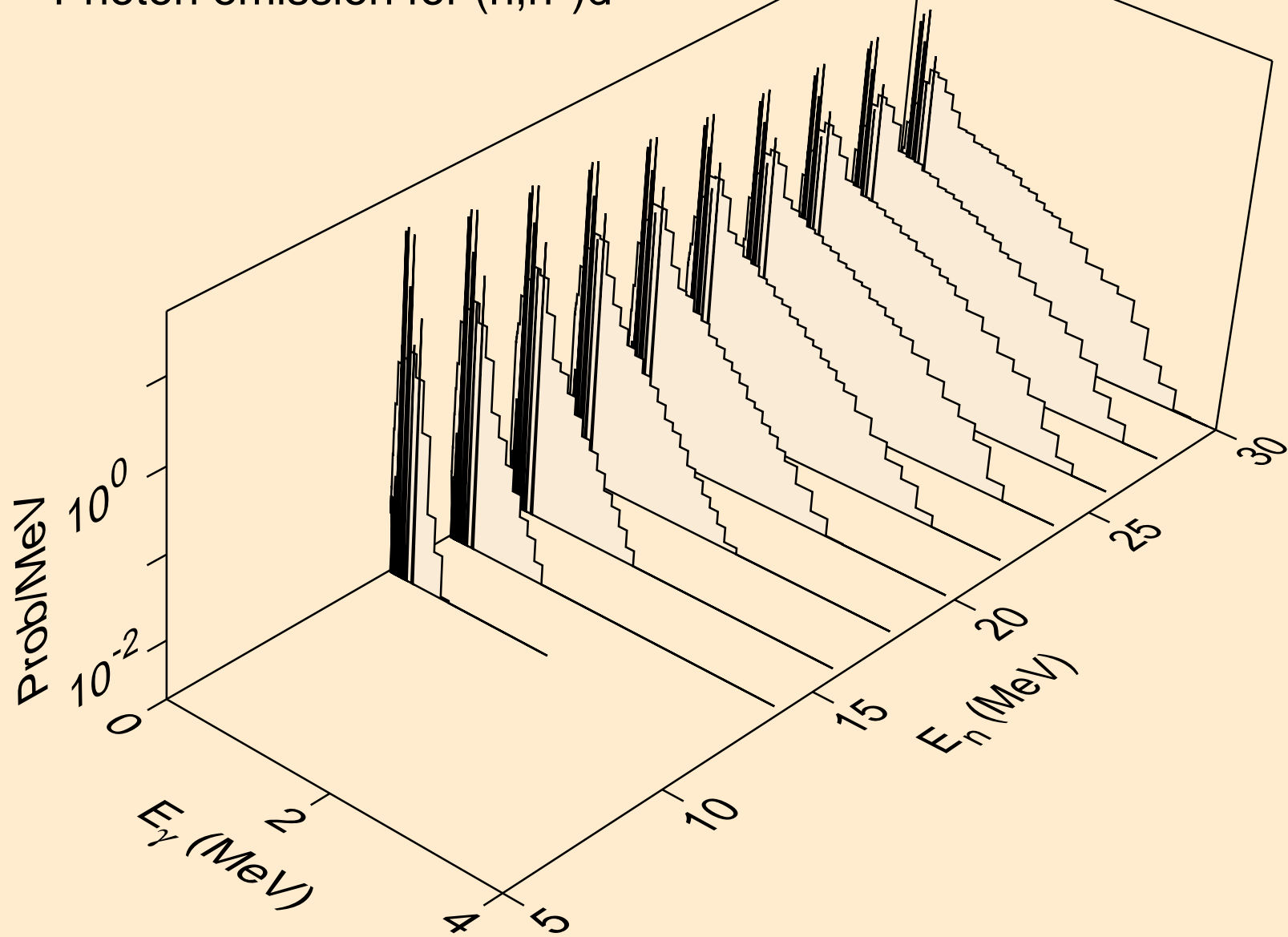
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



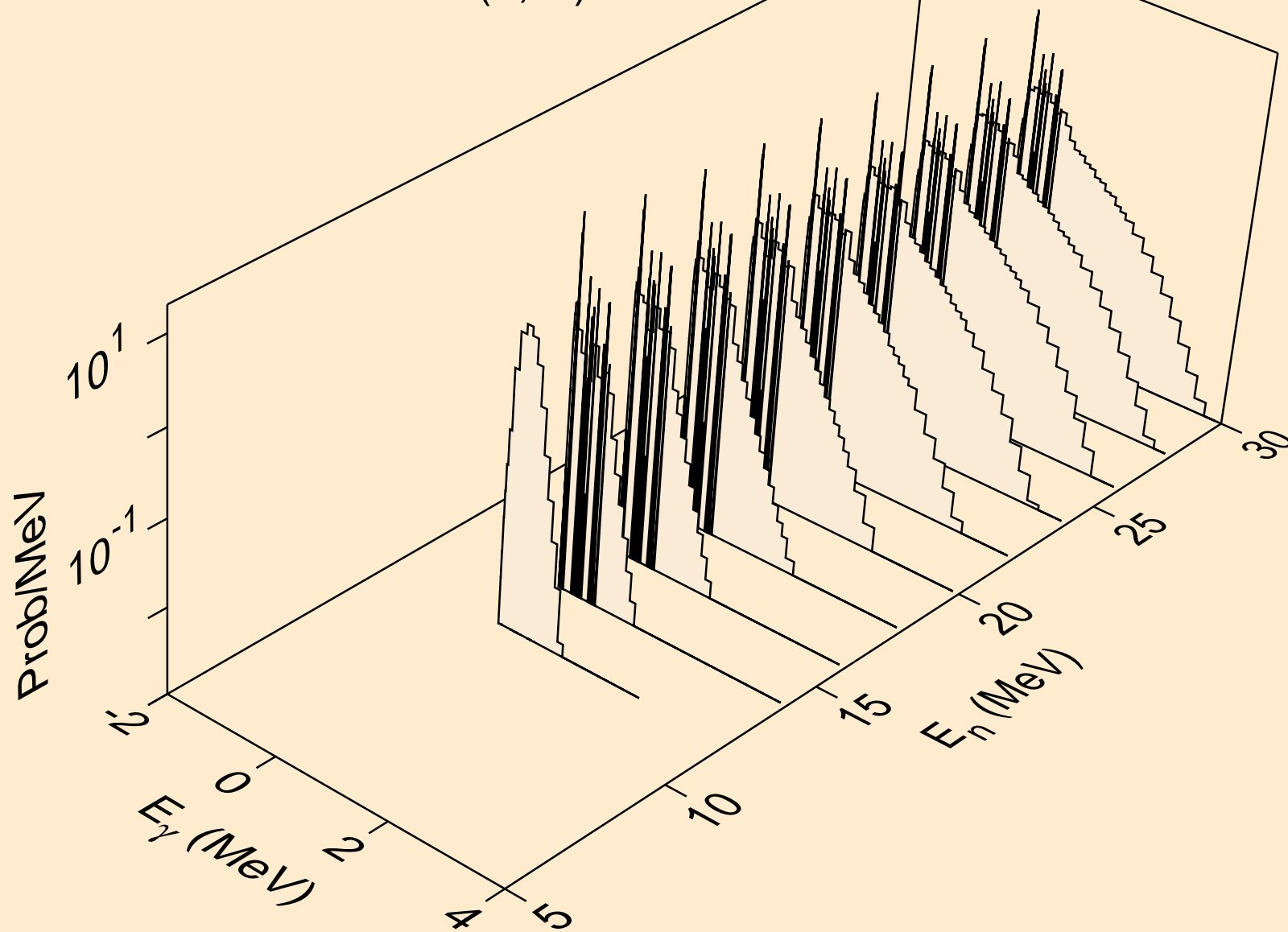
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



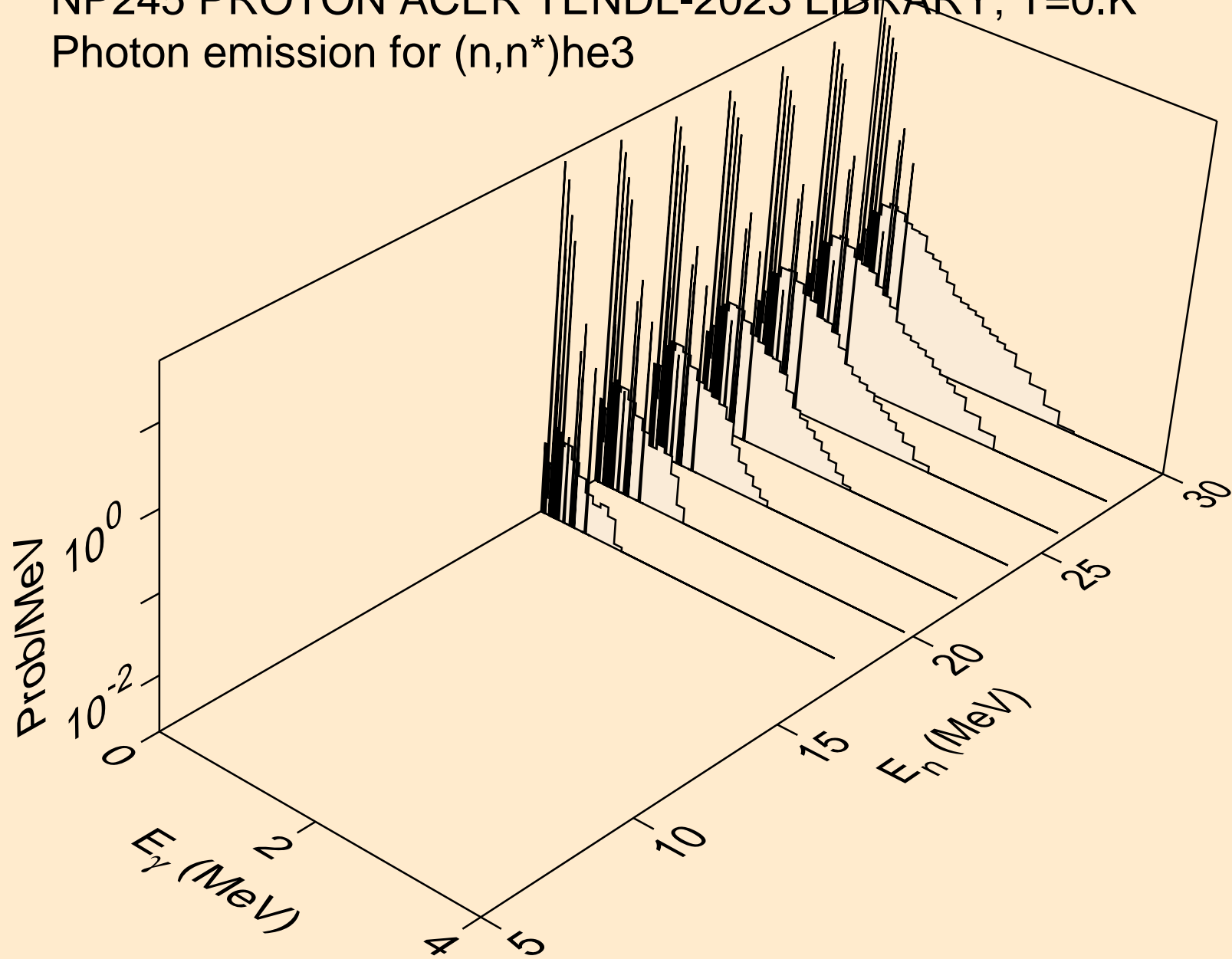
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



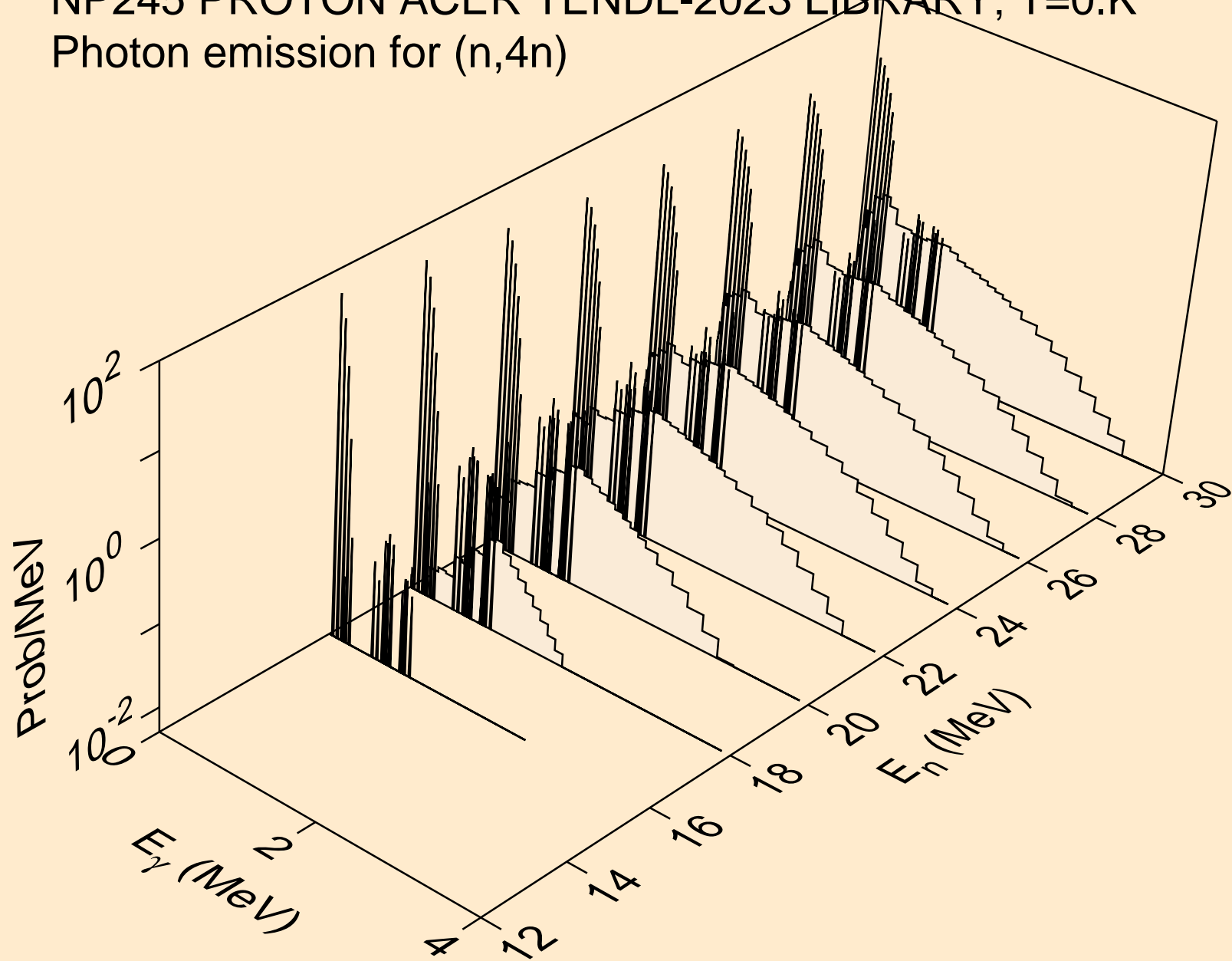
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



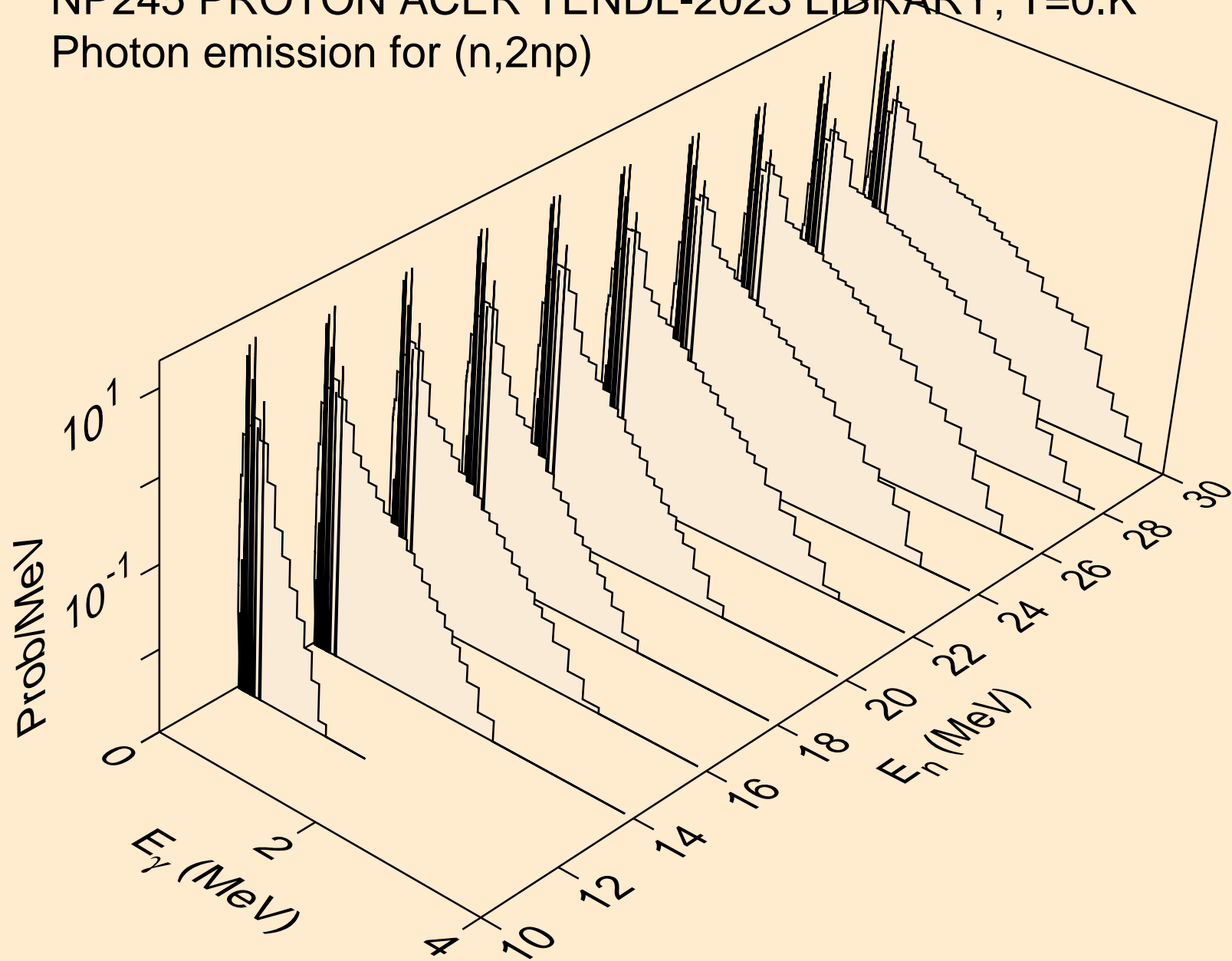
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



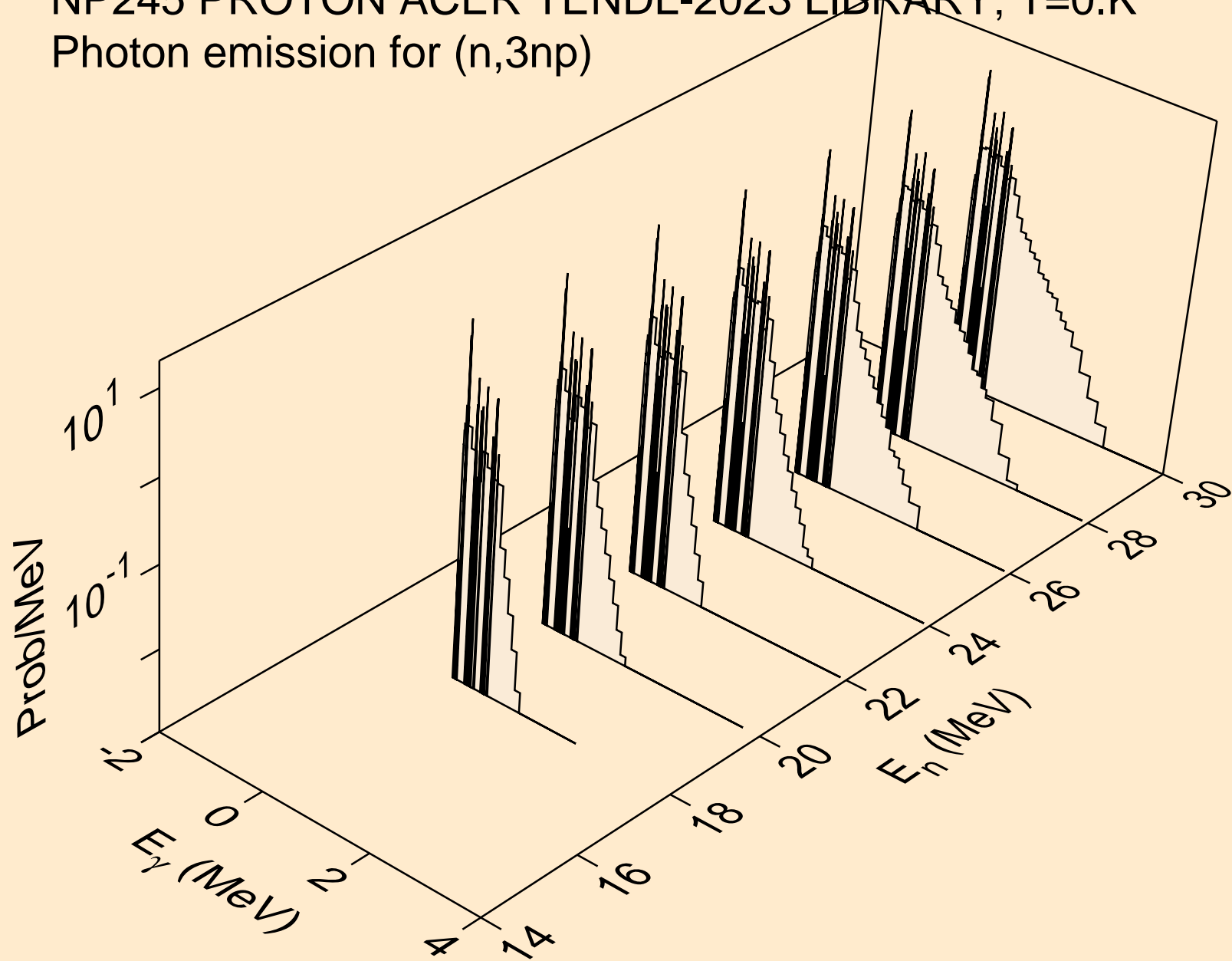
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

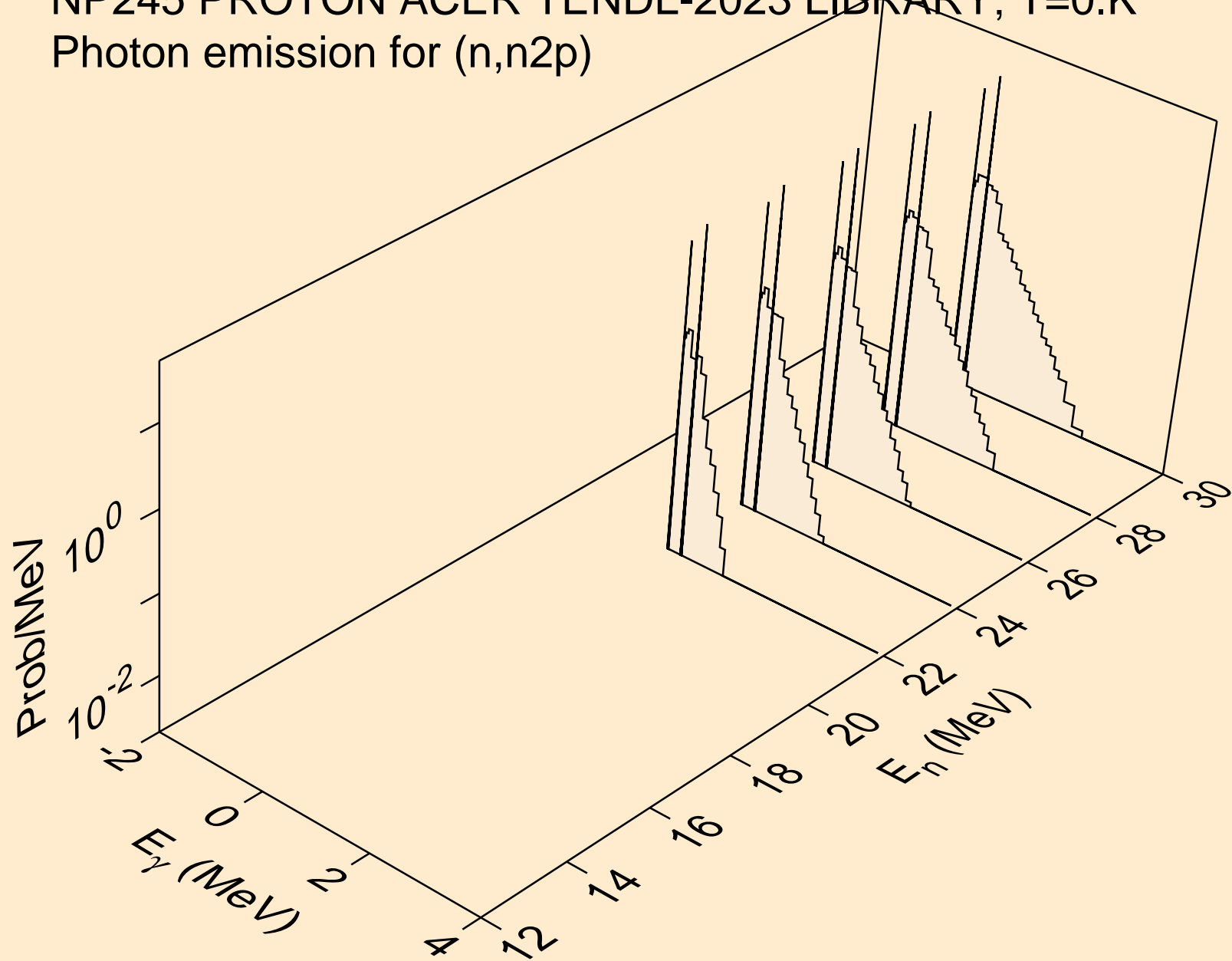


NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

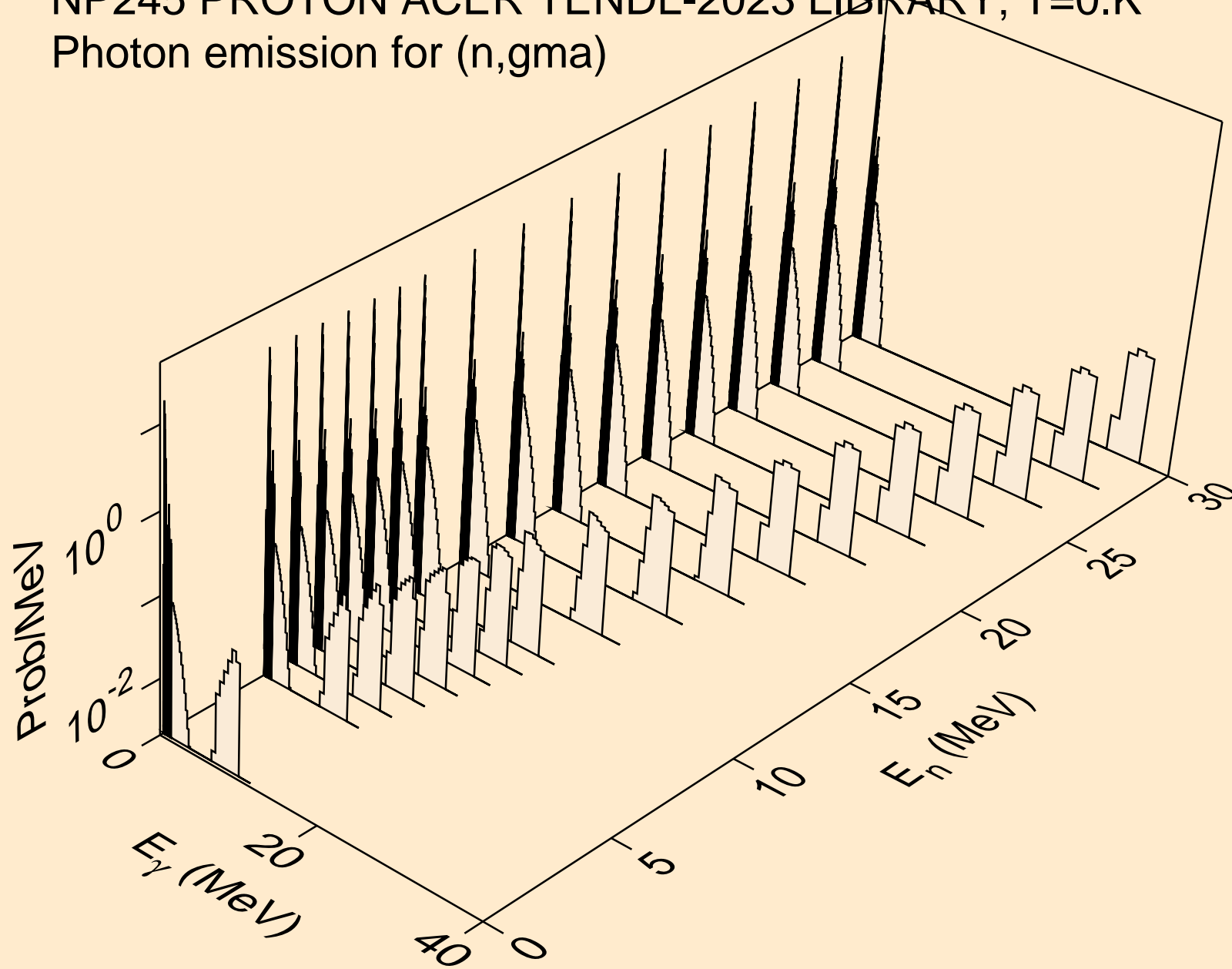




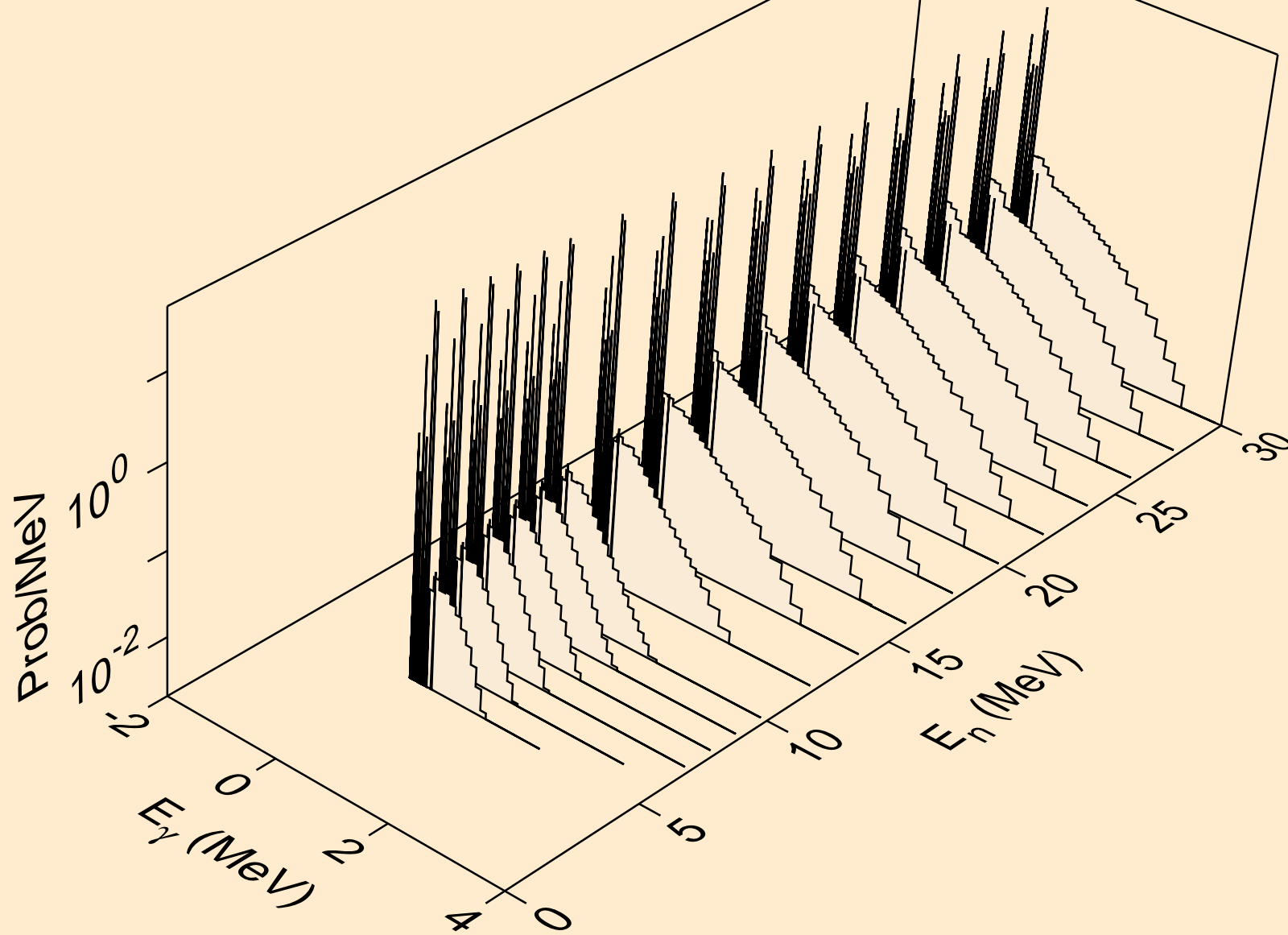
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



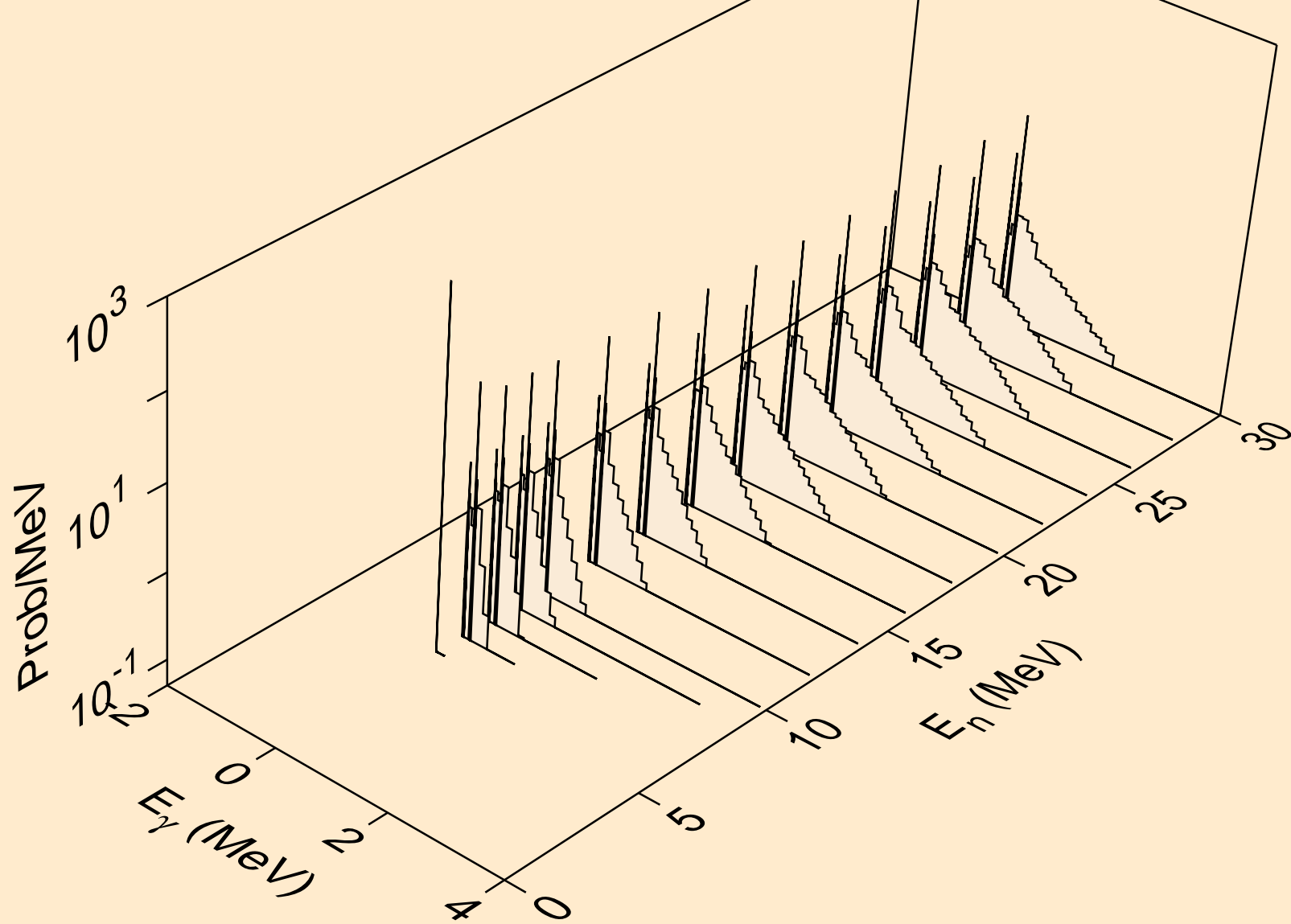
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



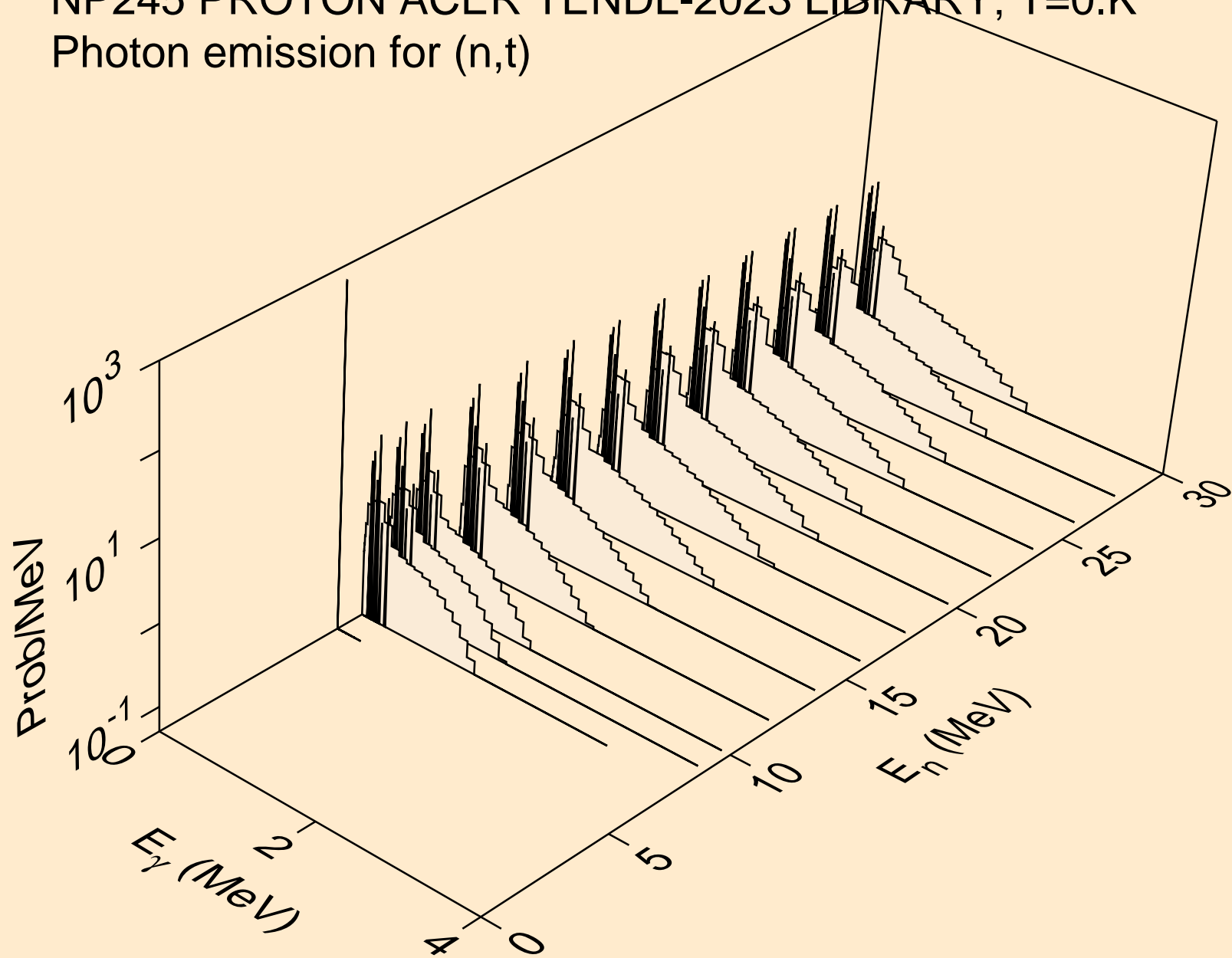
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



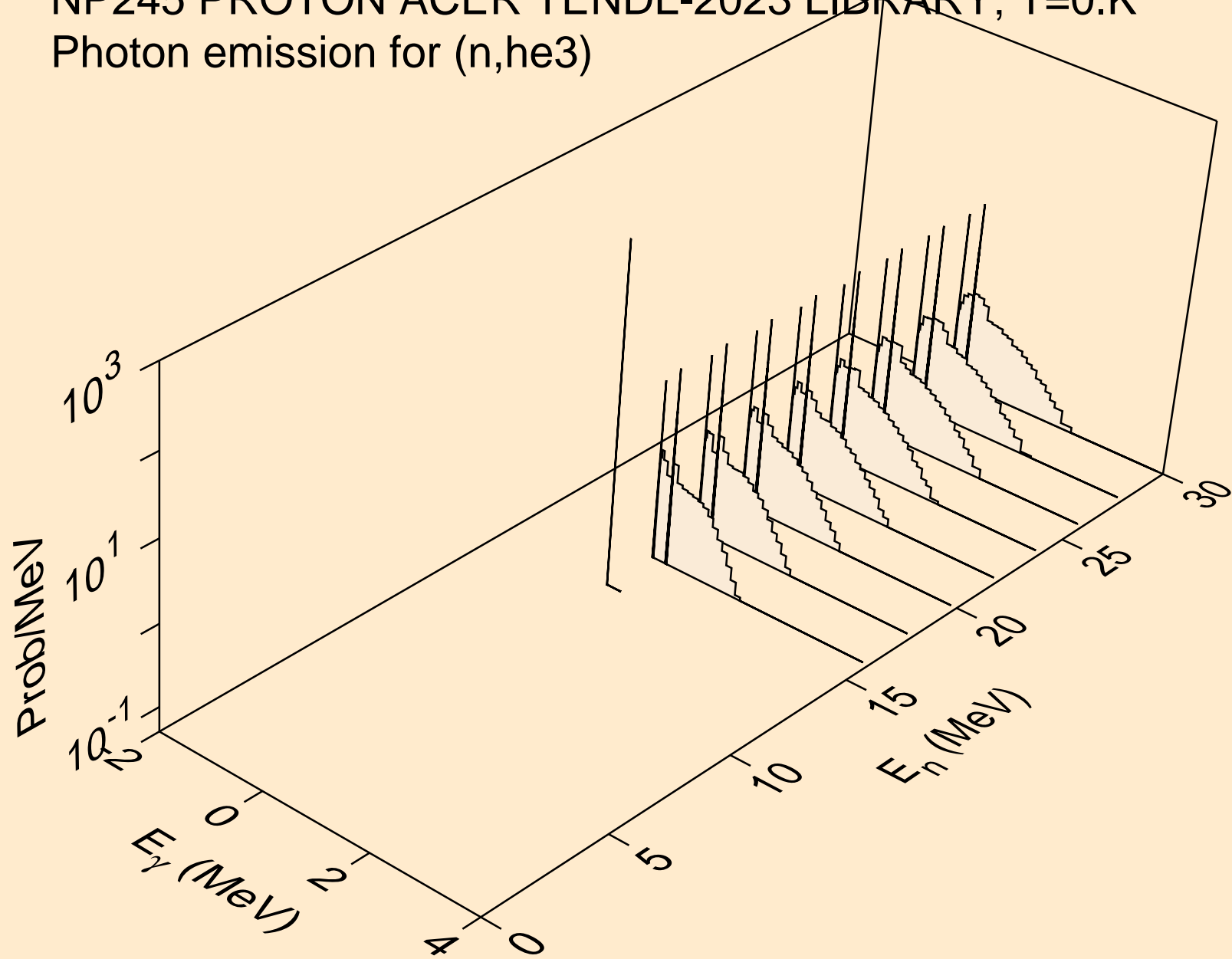
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



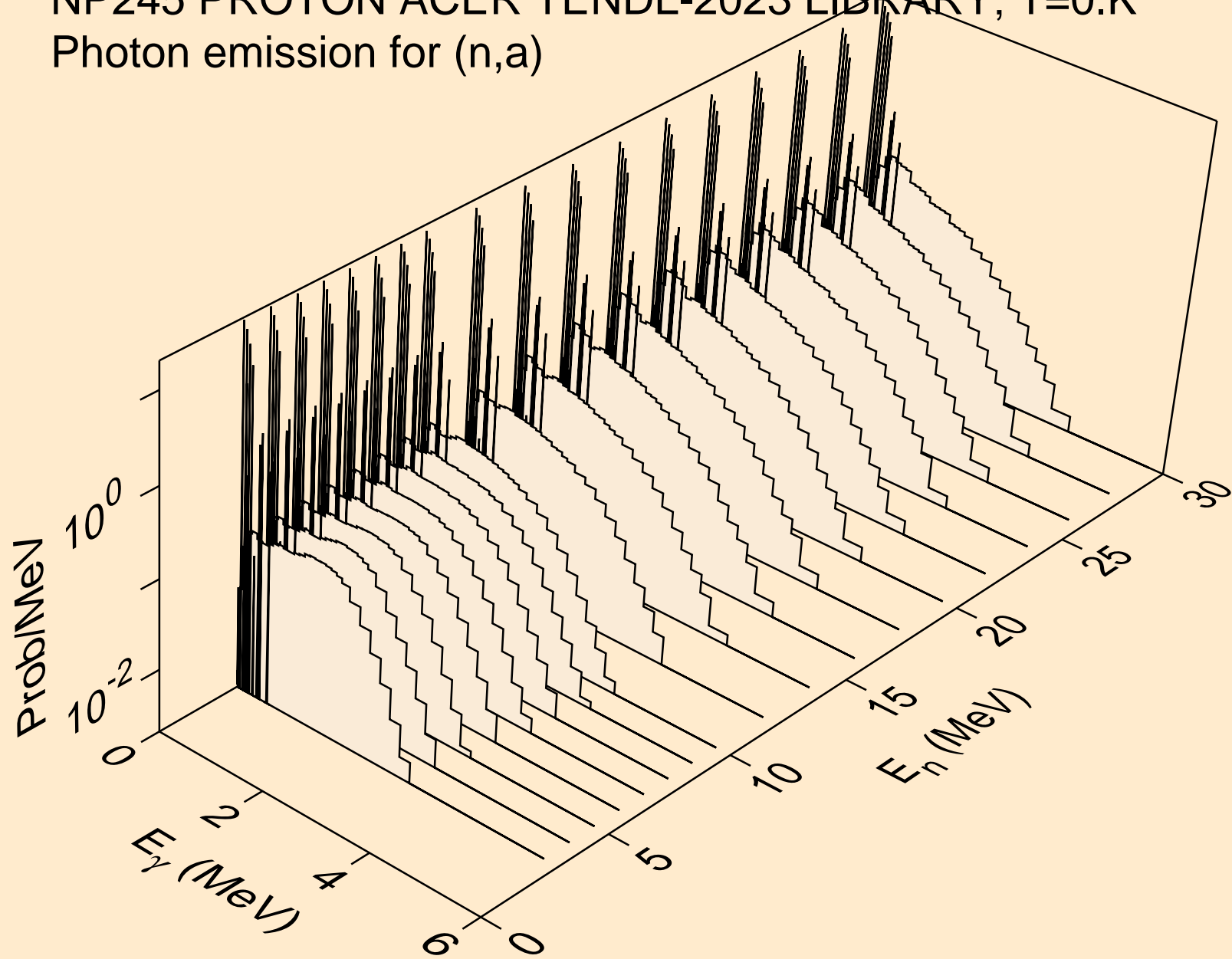
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



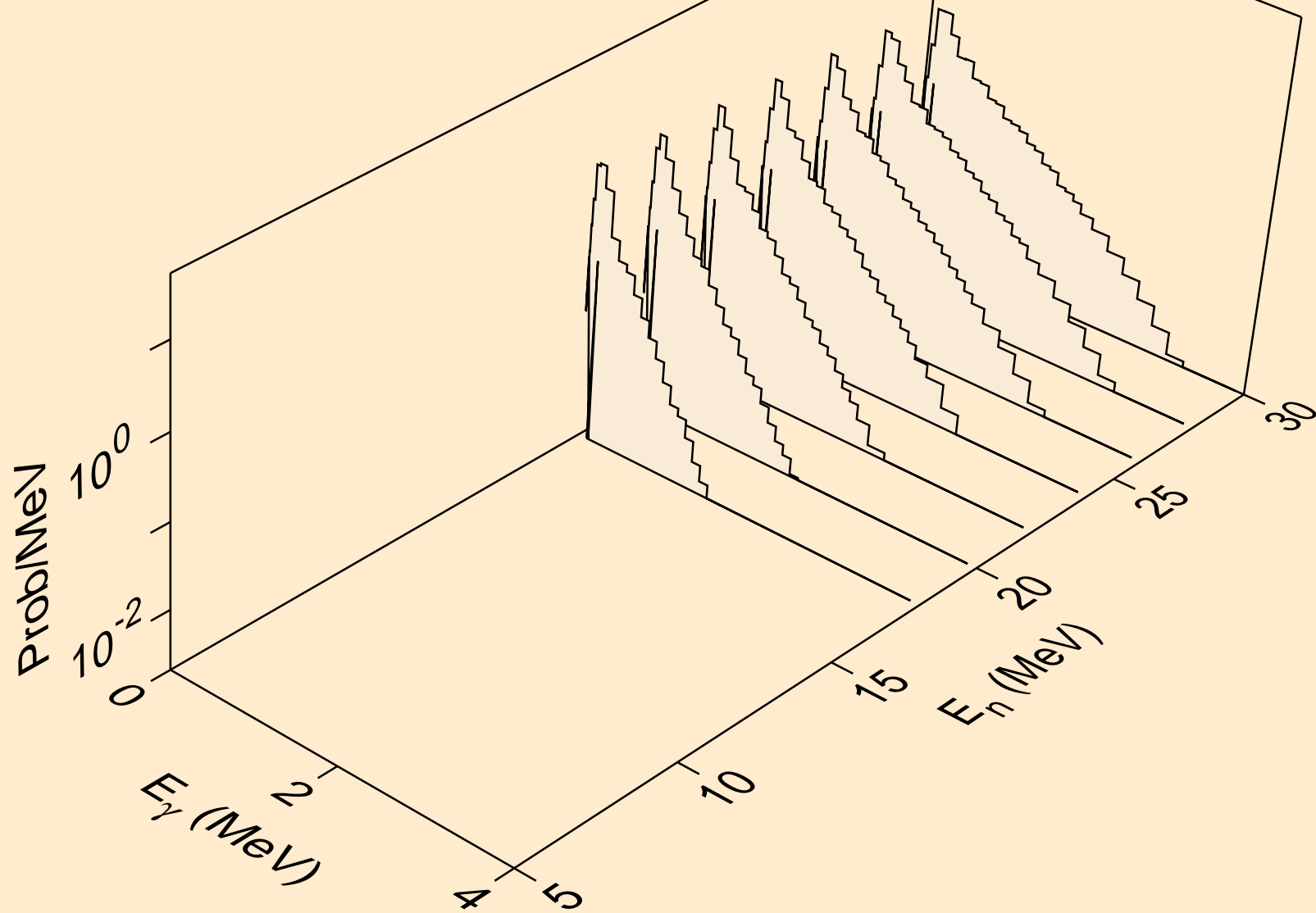
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



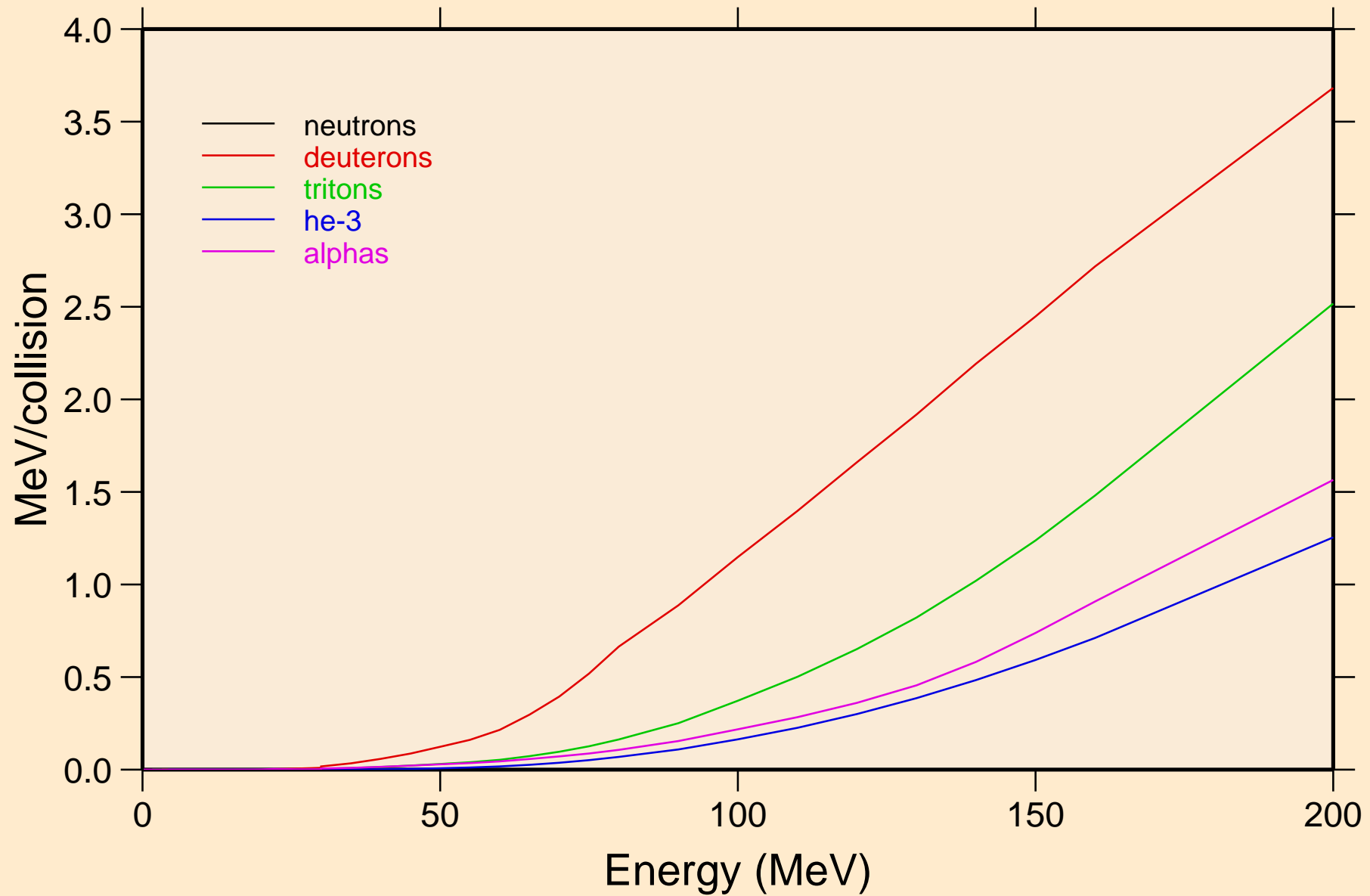
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



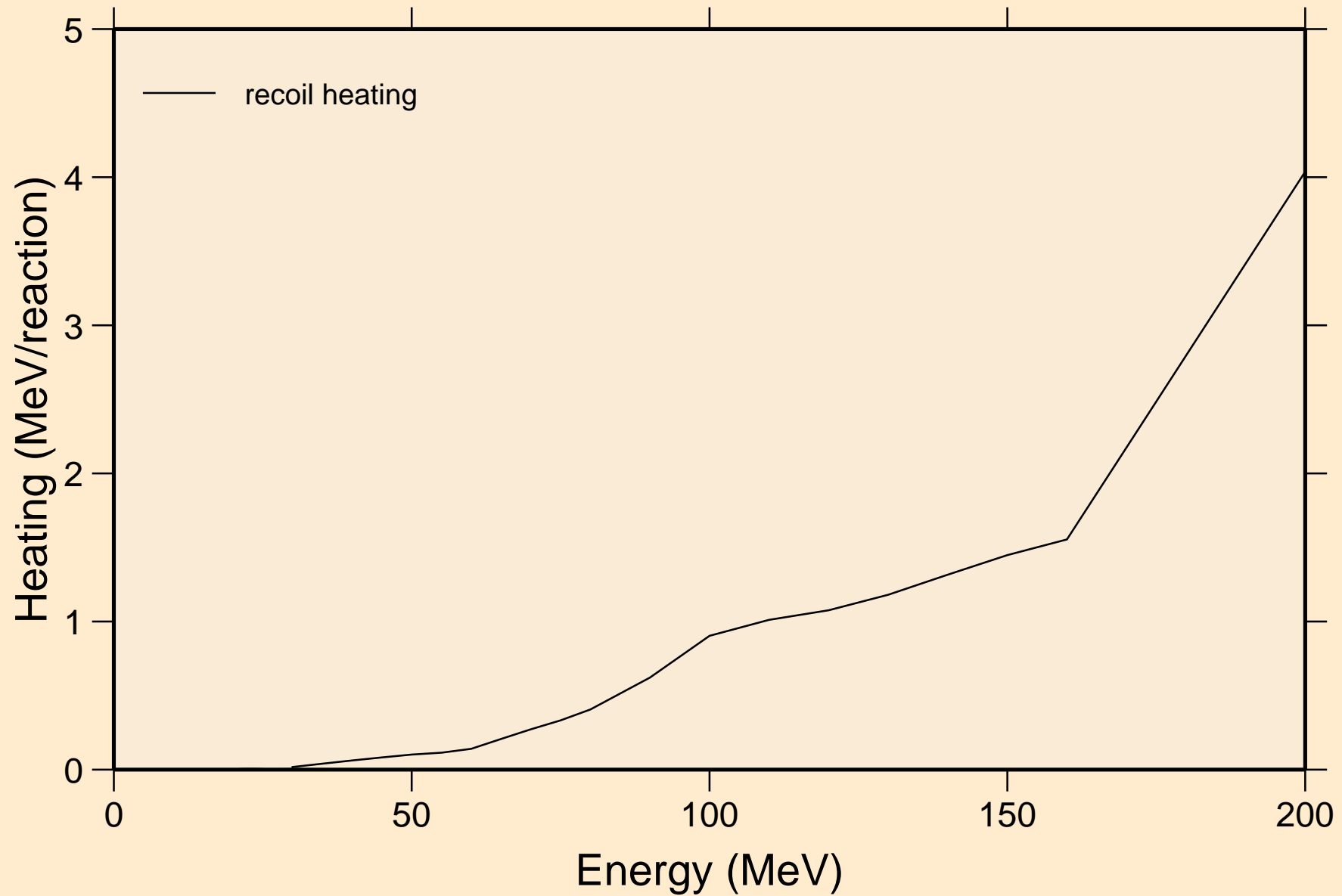


# NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K

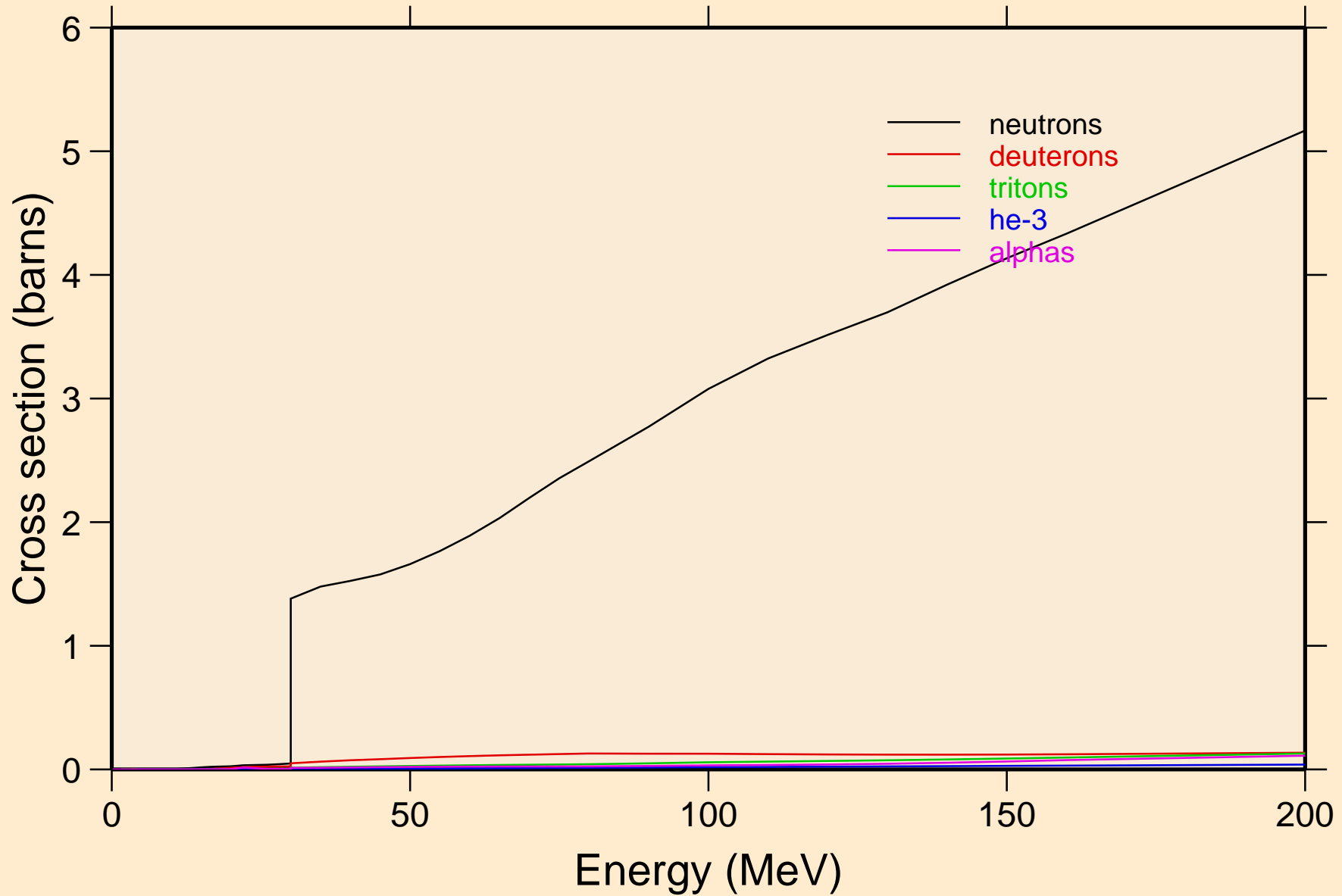
## Particle heating contributions



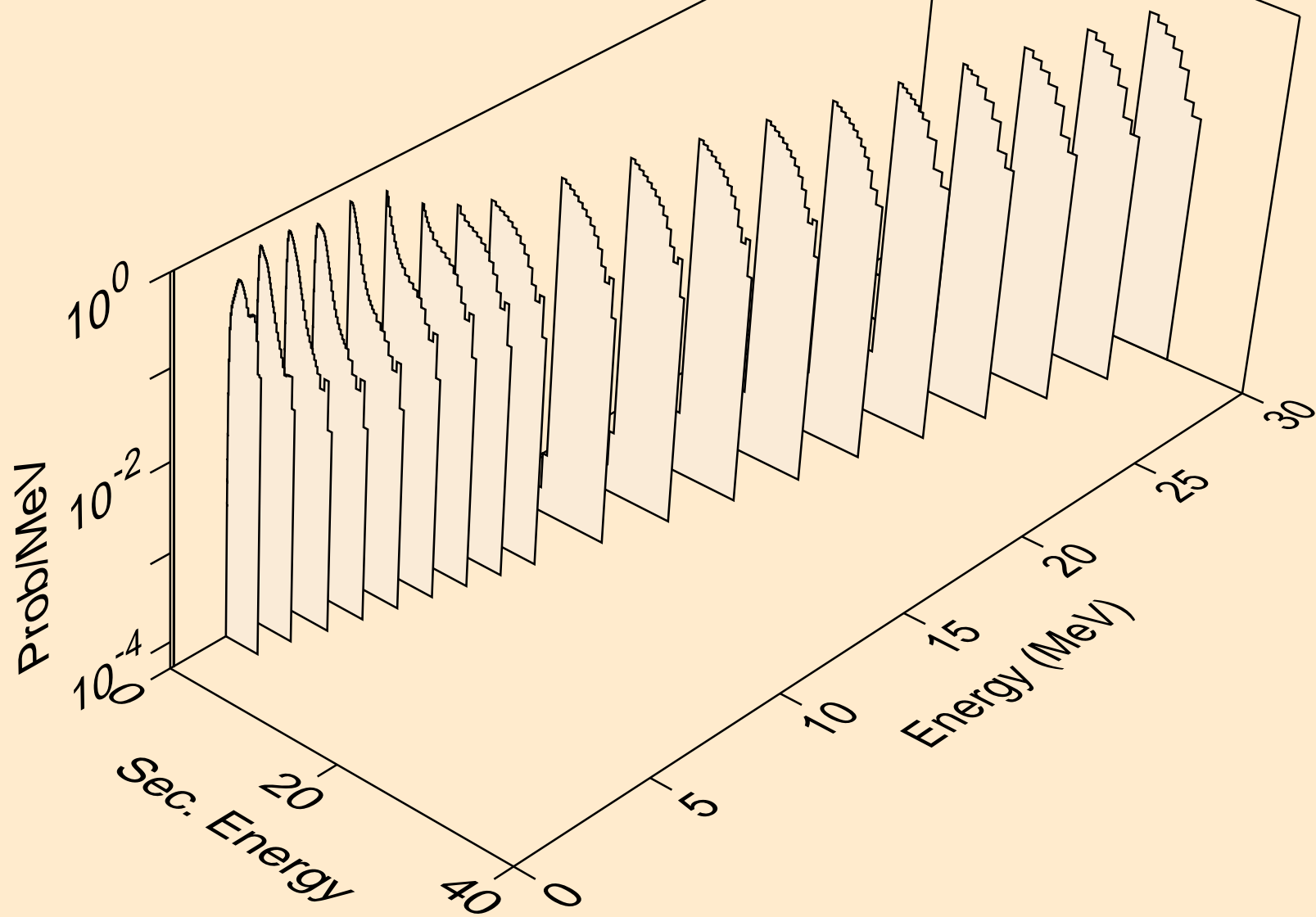
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



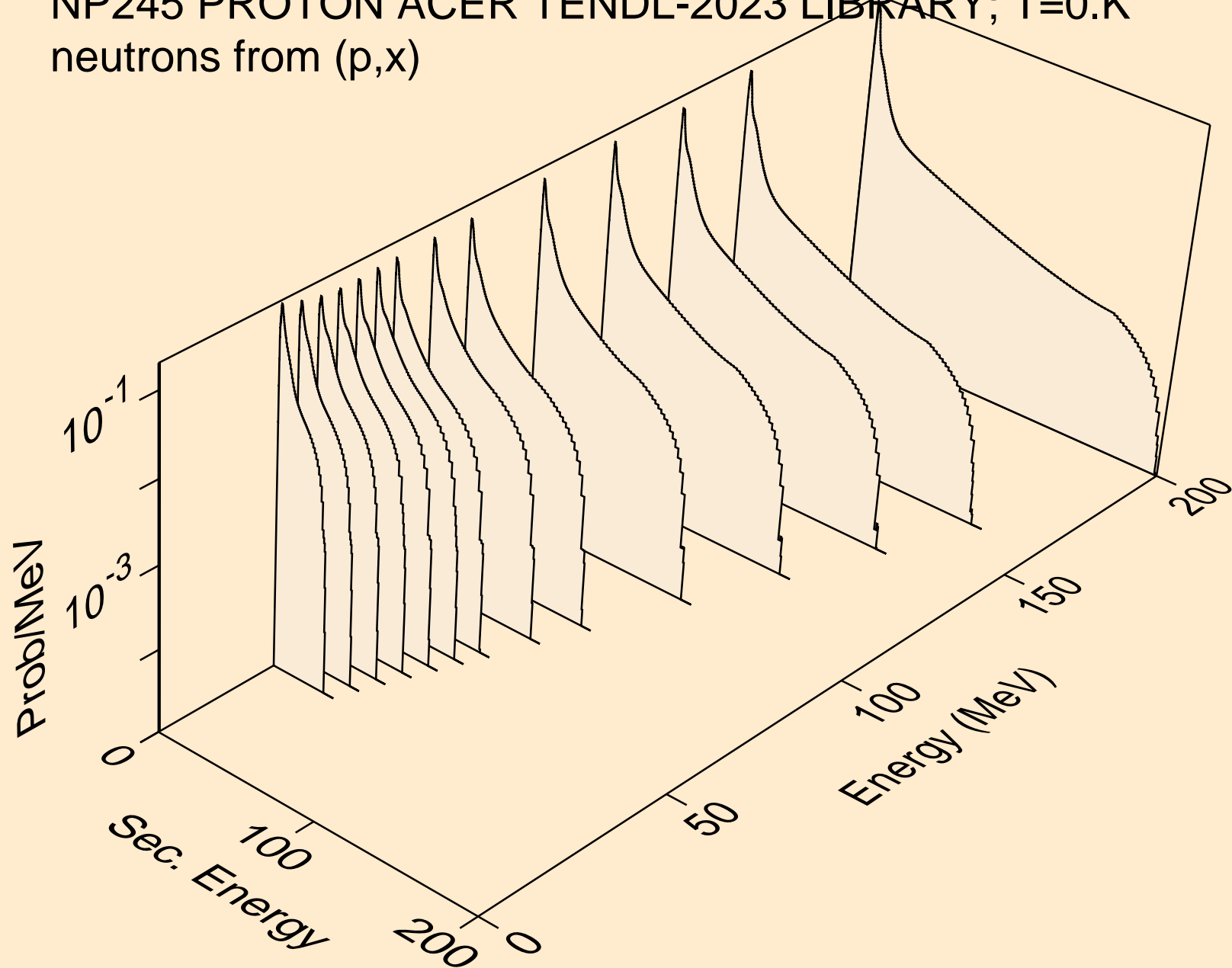
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



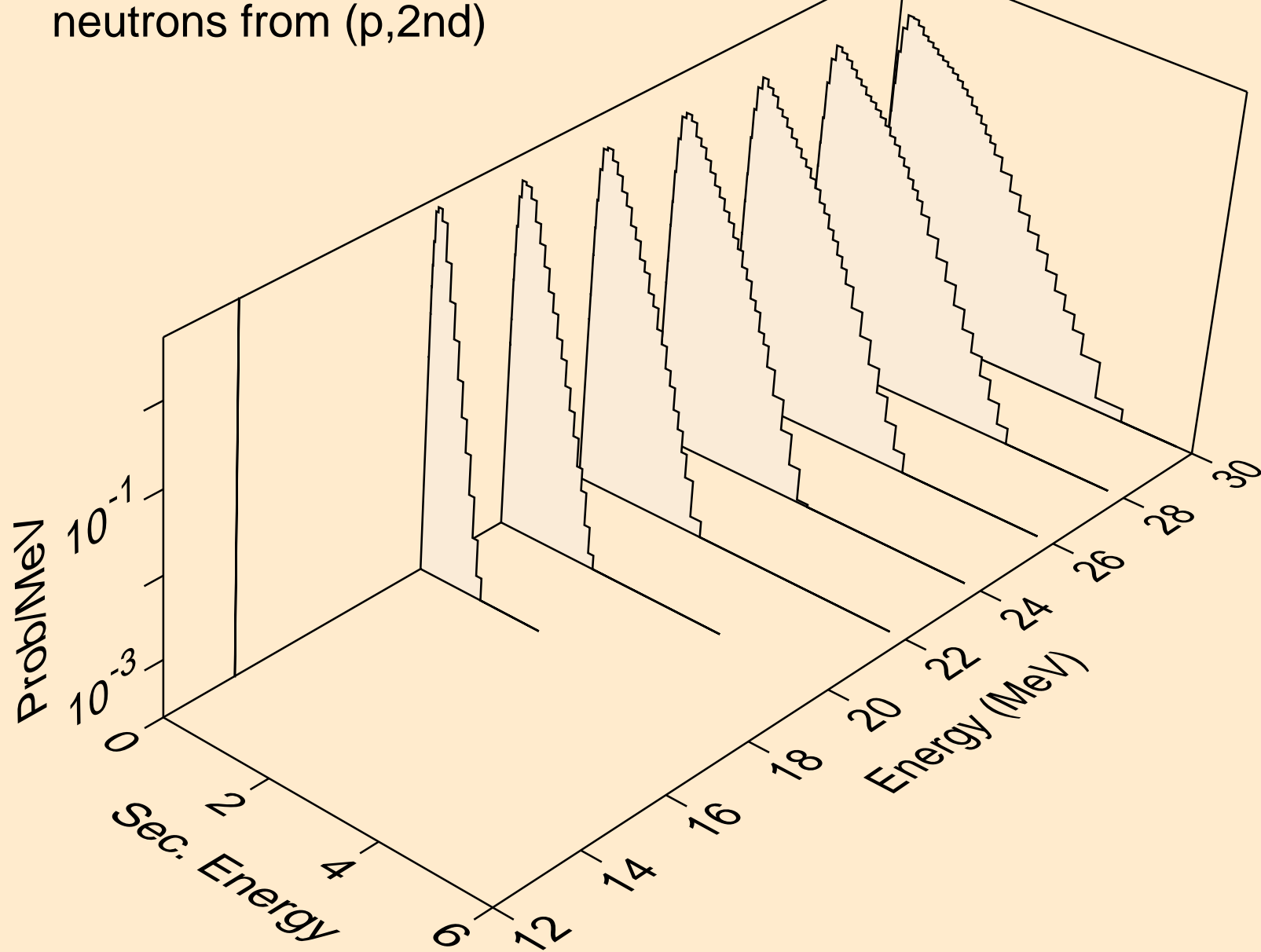
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



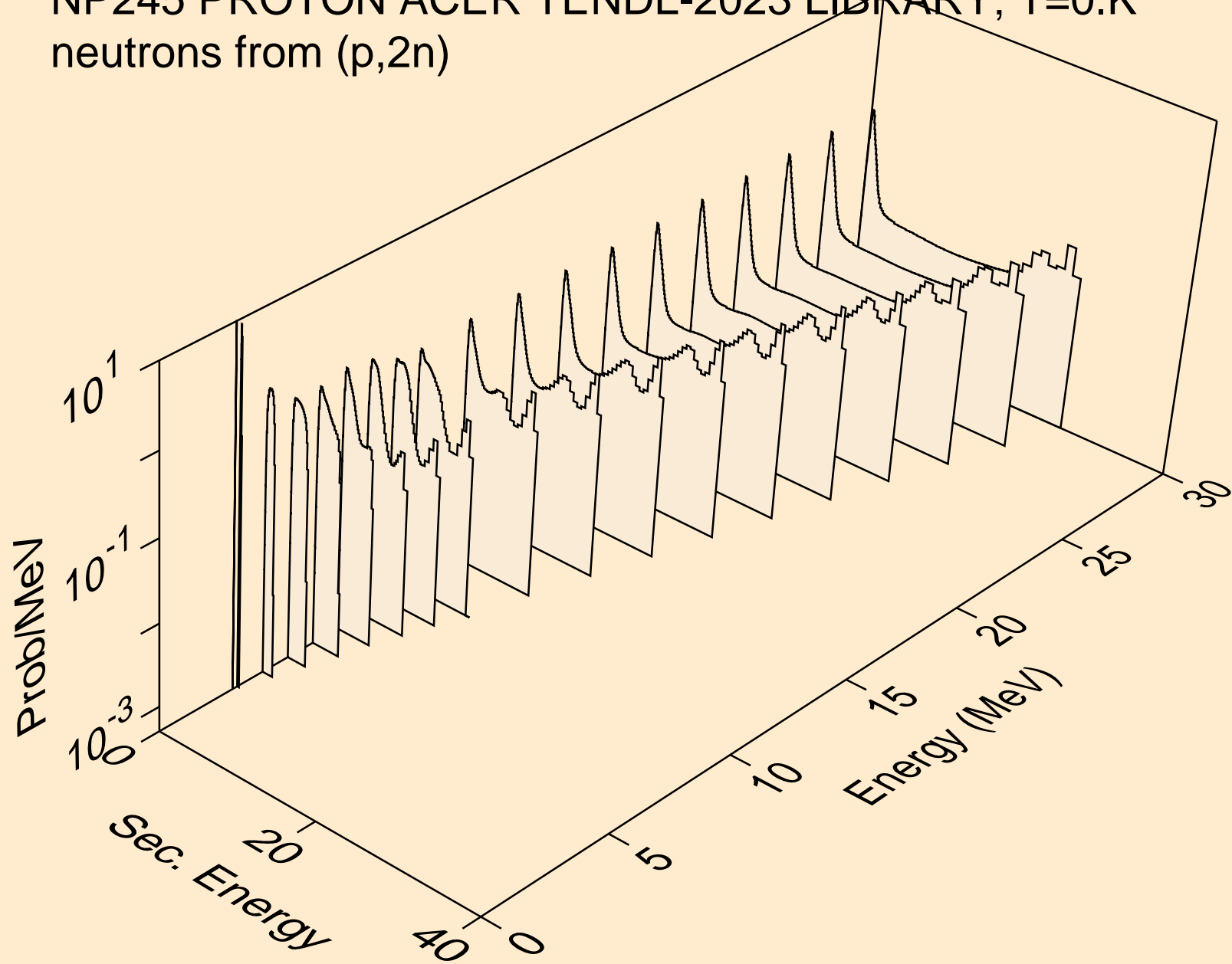
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



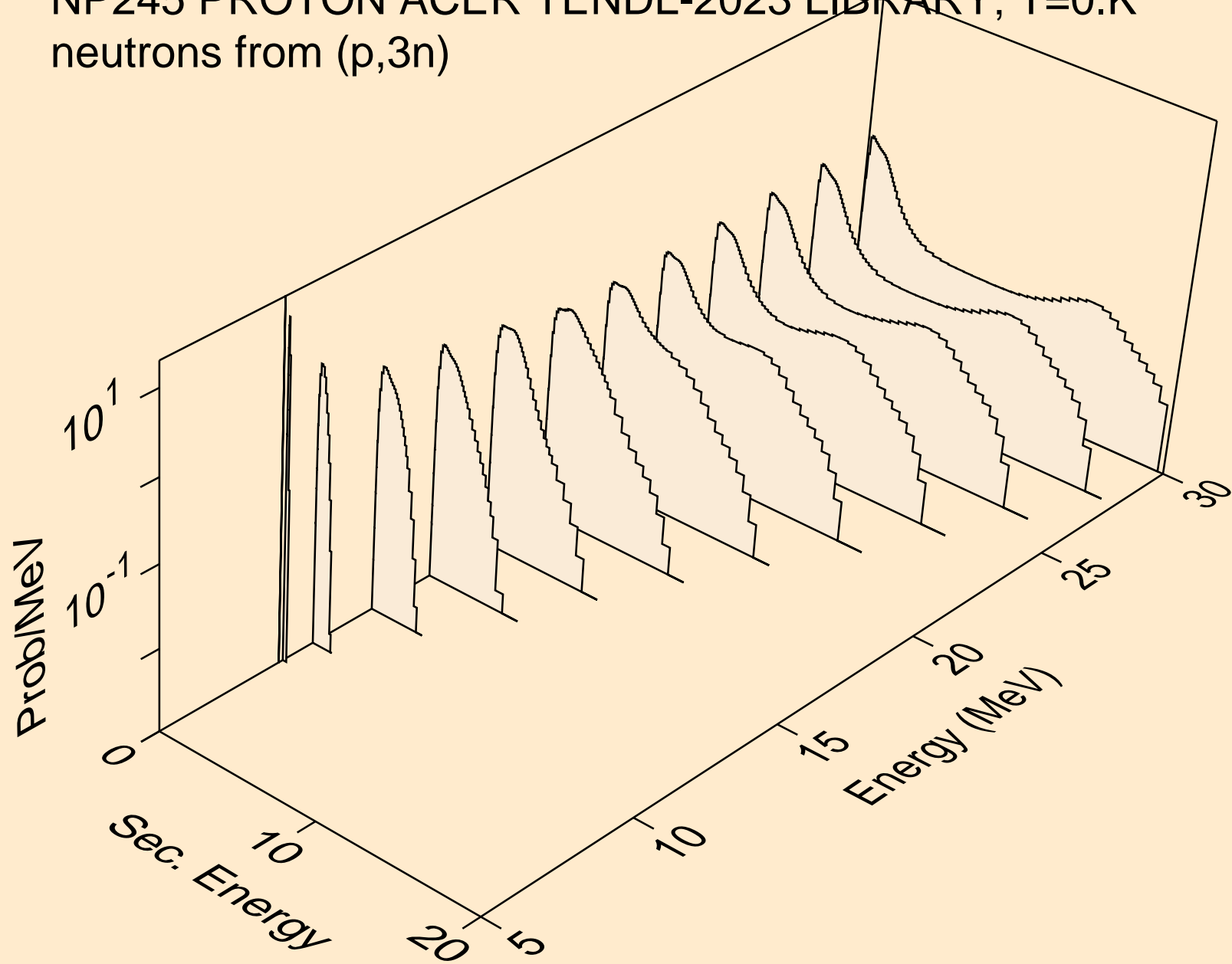
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

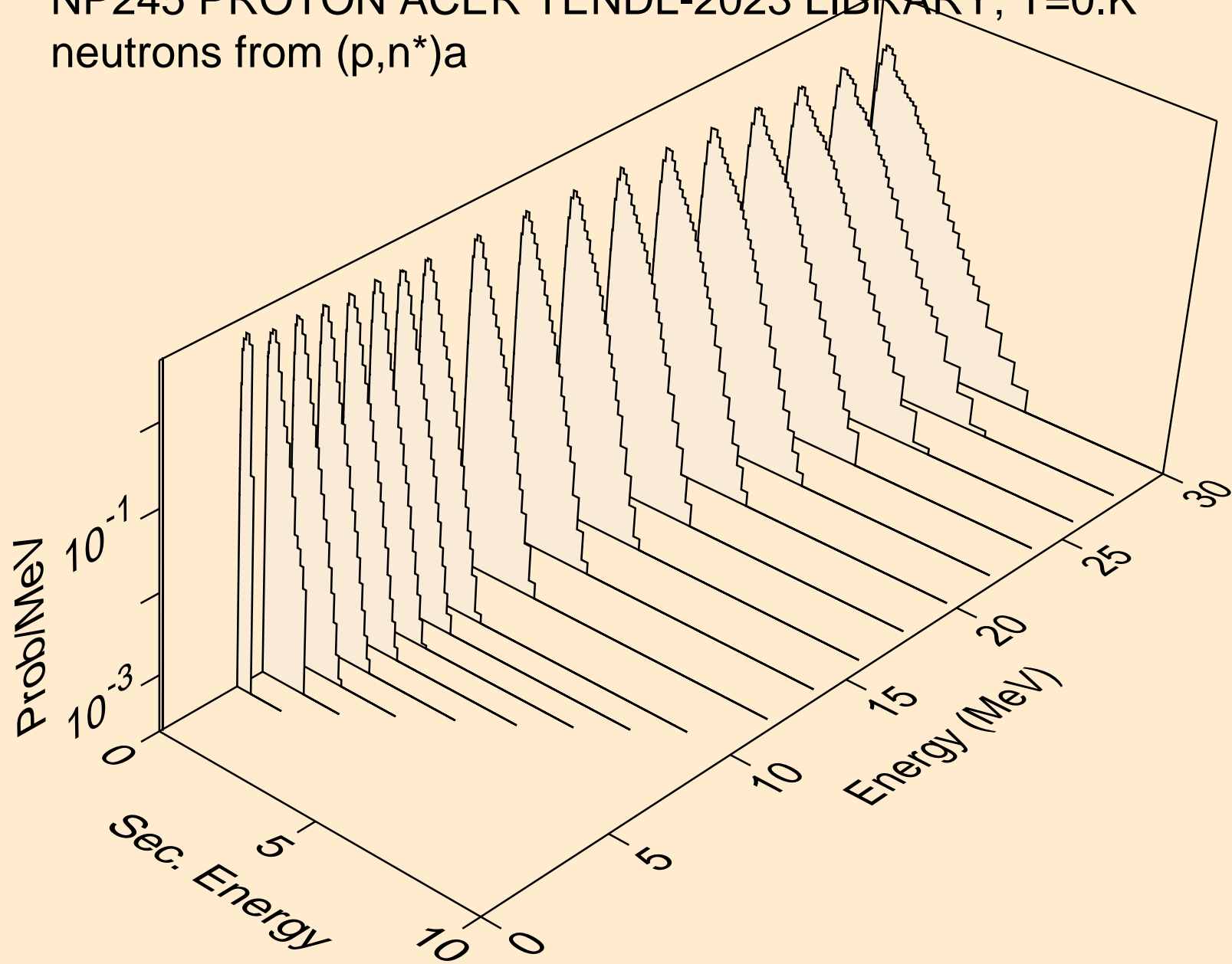


NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)

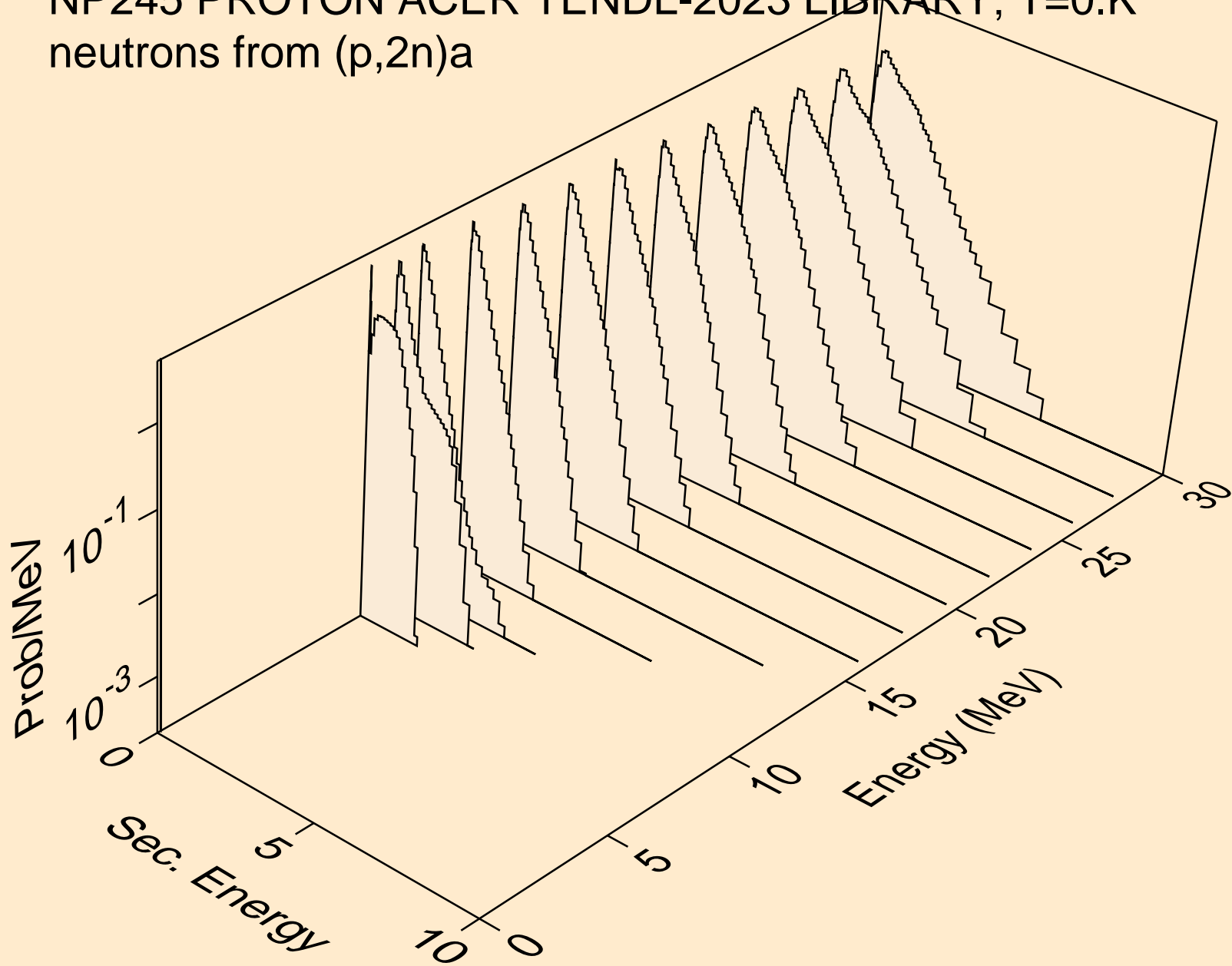




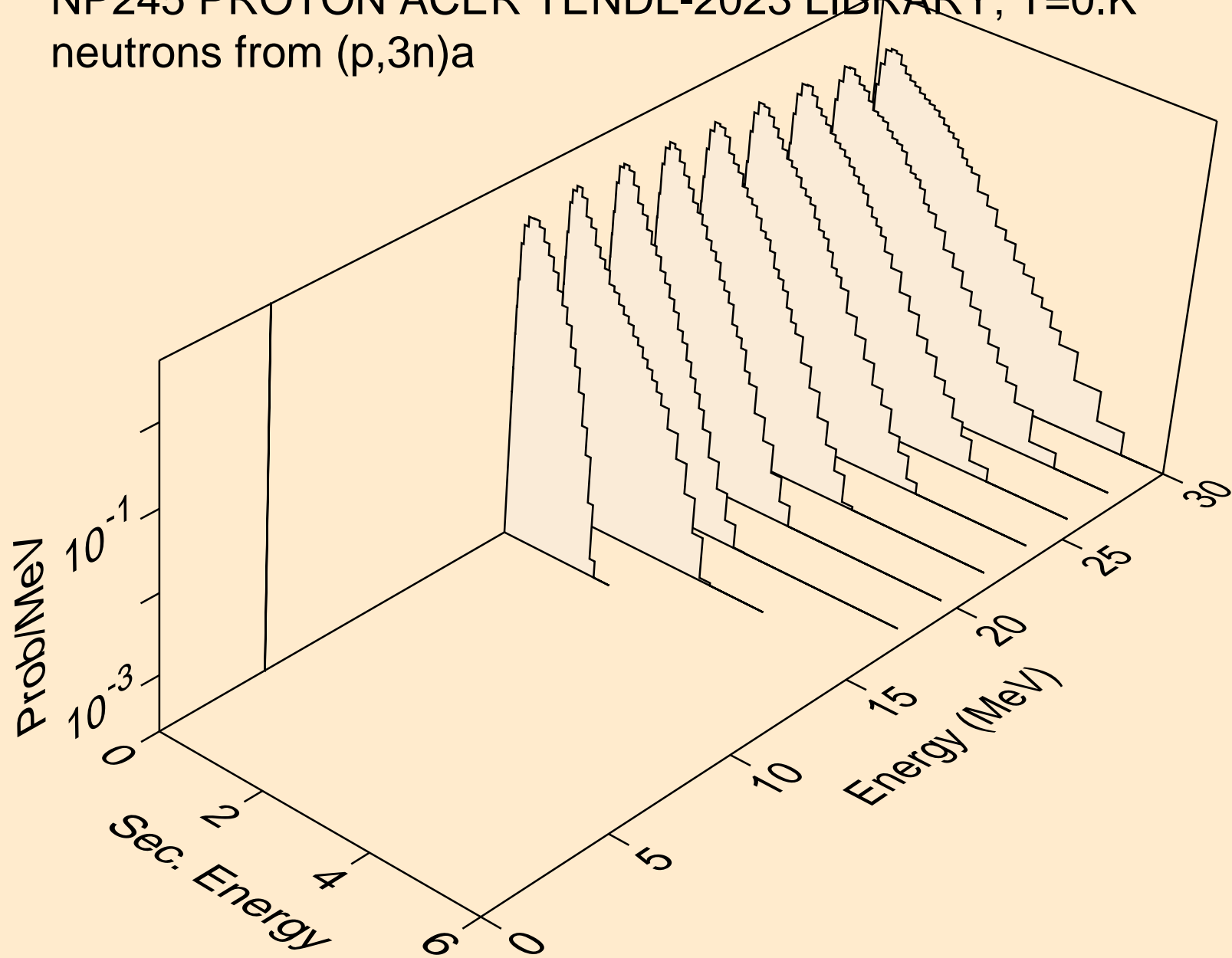
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



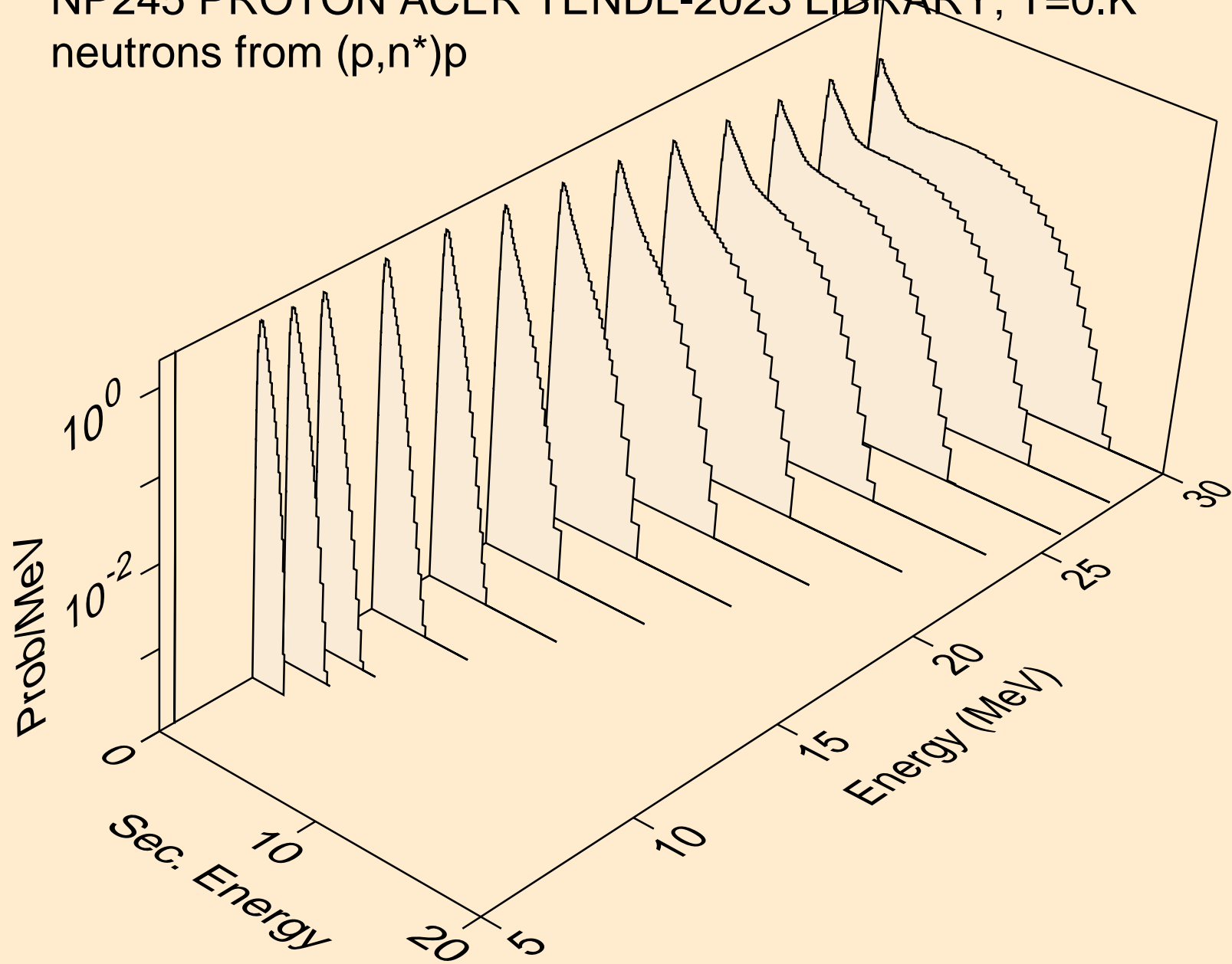
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



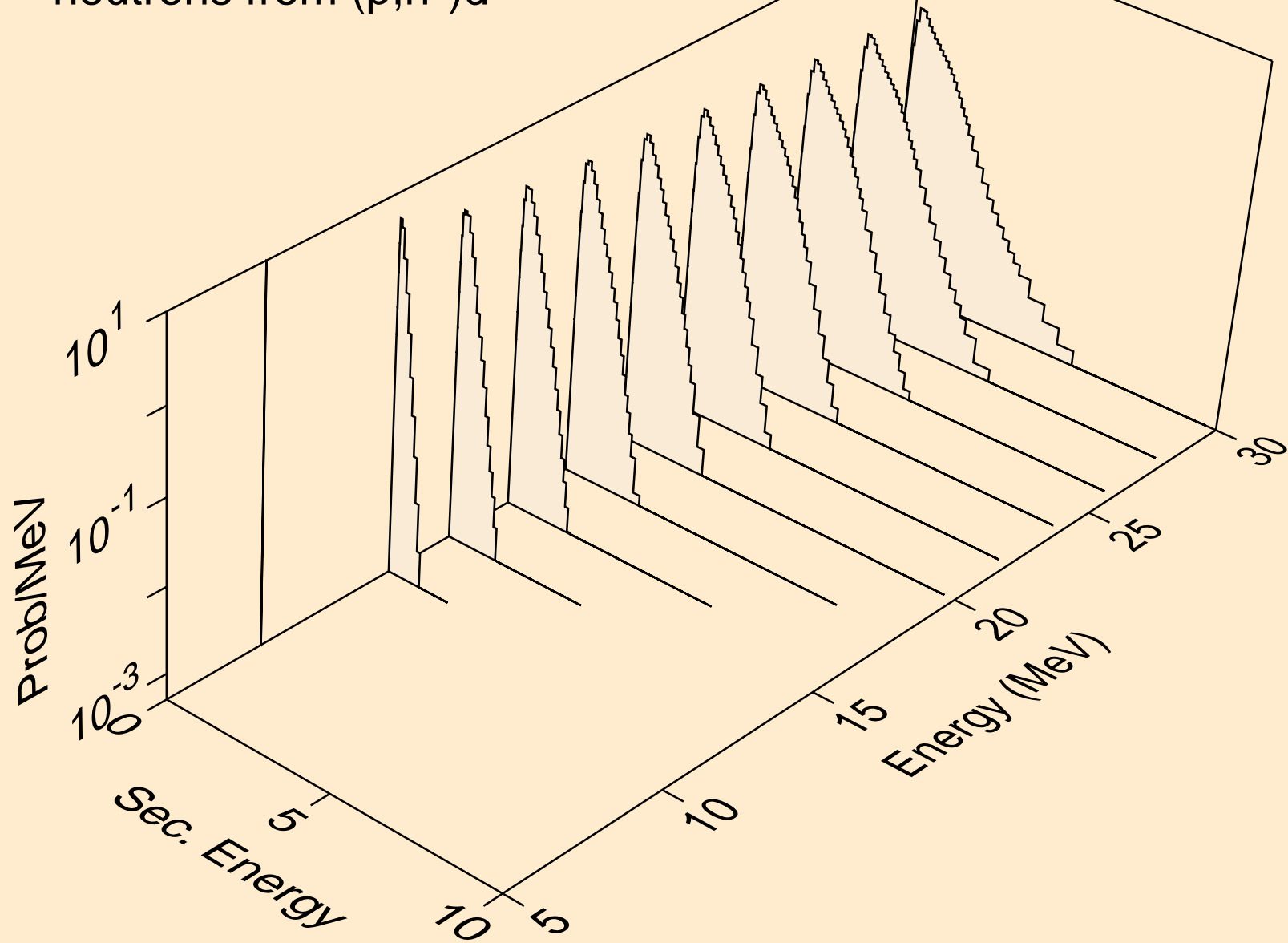
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



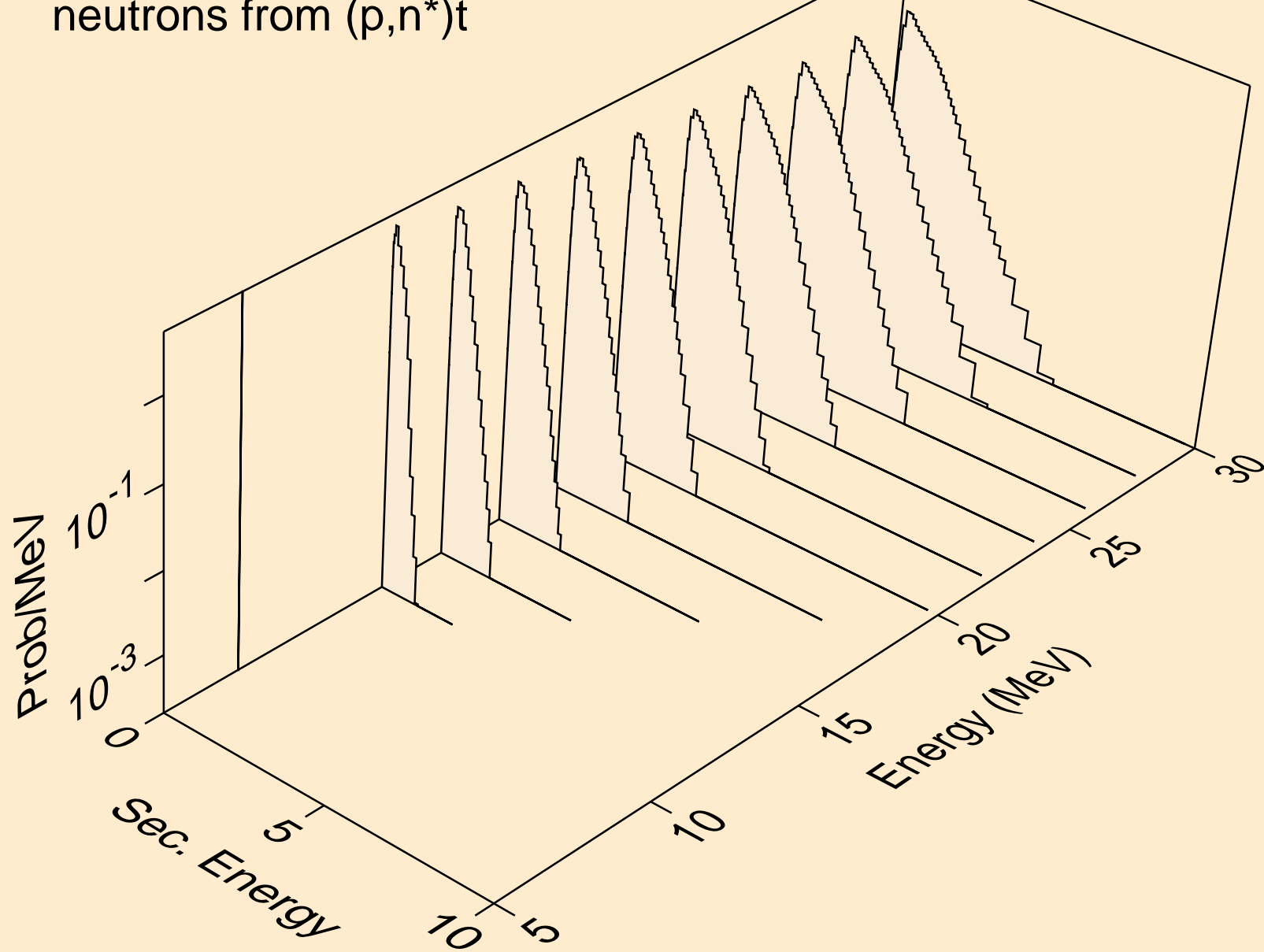
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



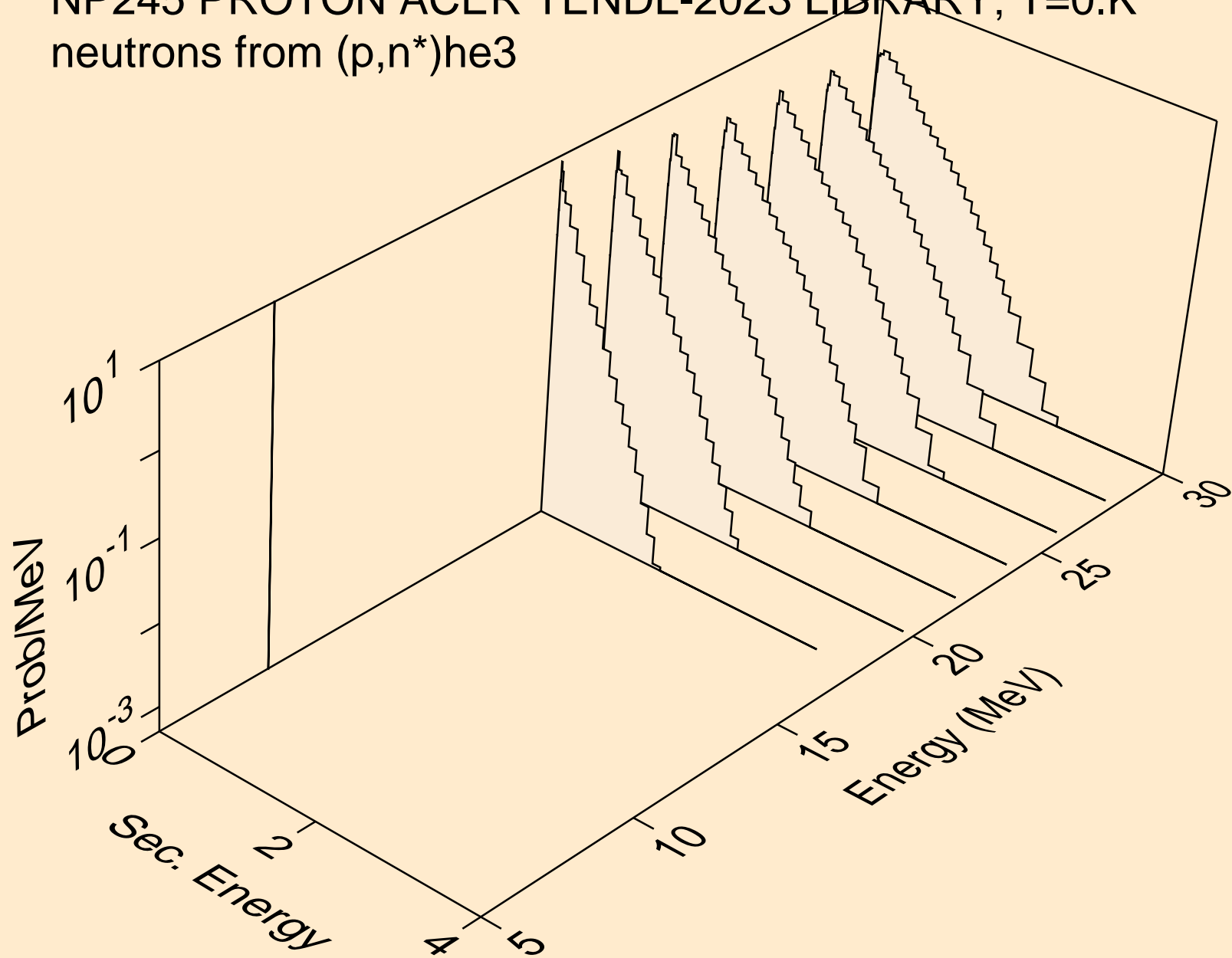
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



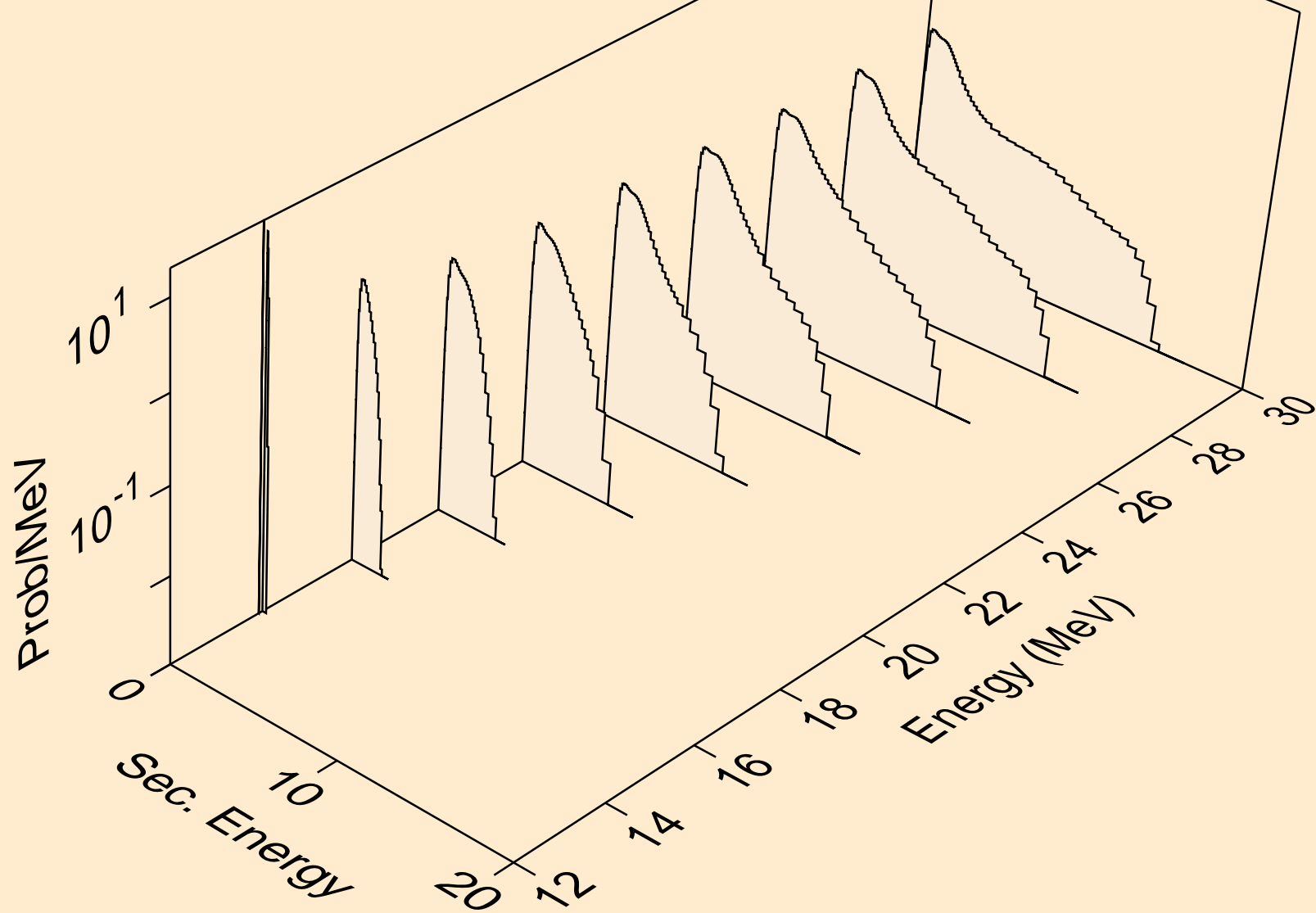
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

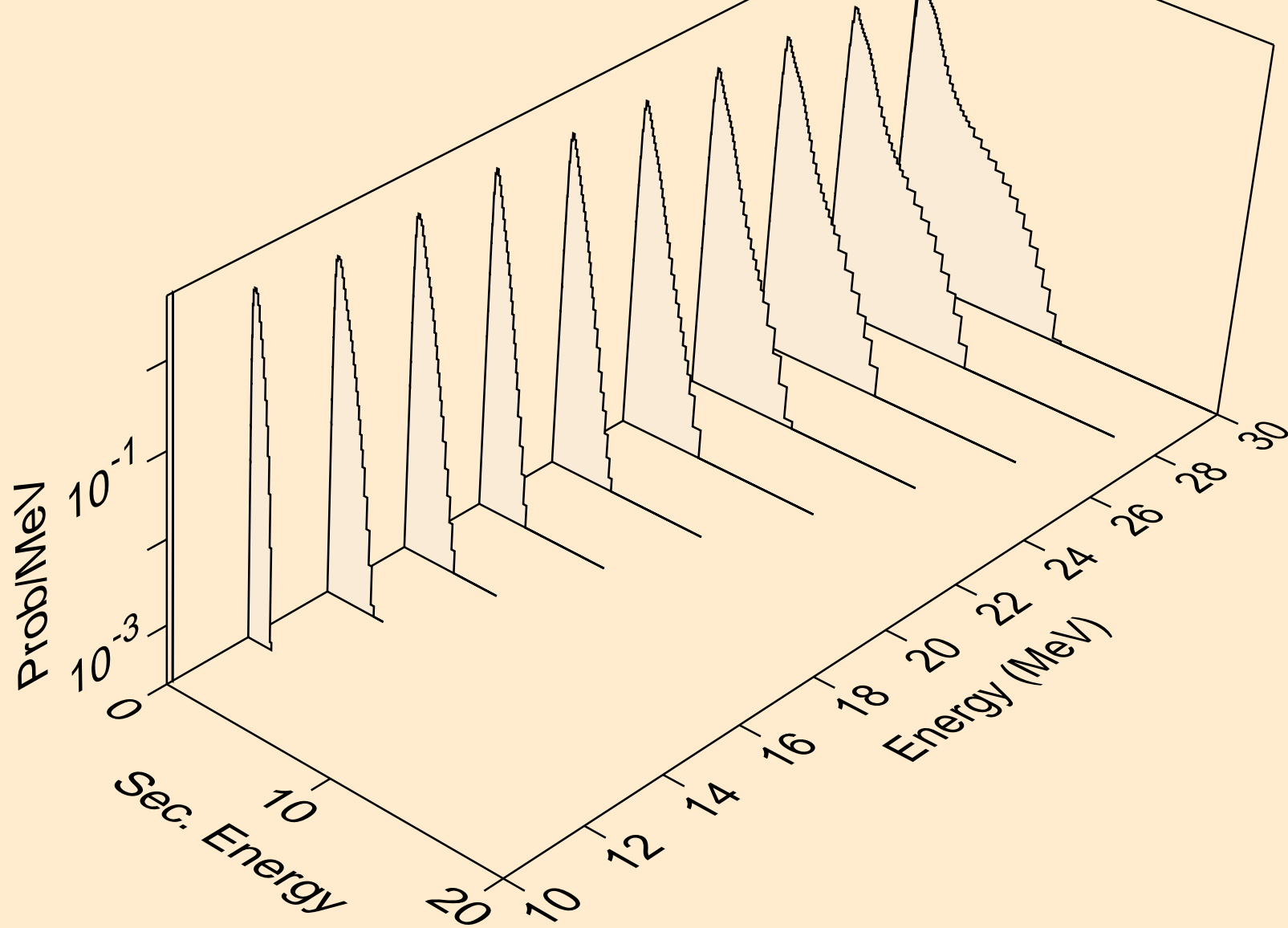


NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)

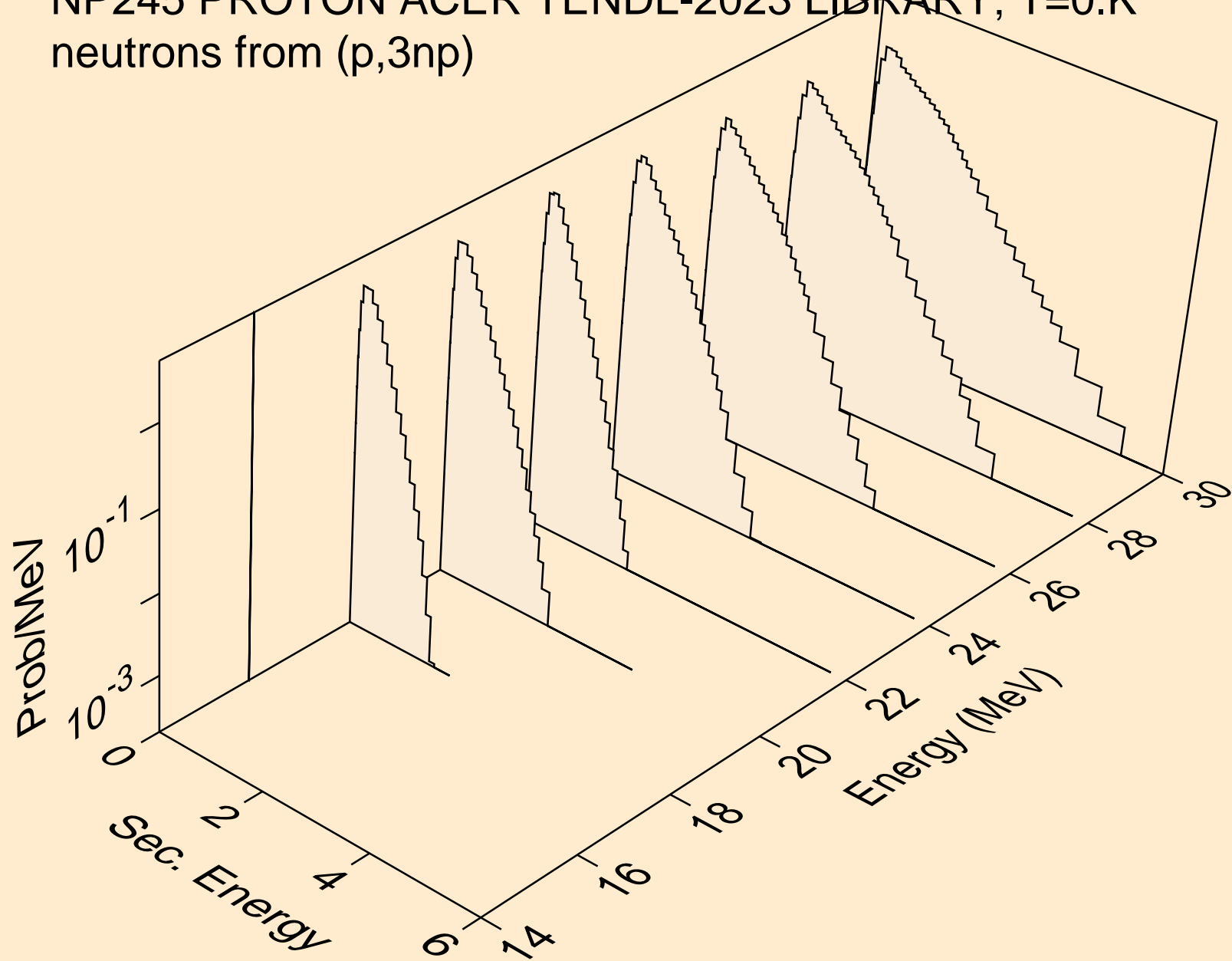




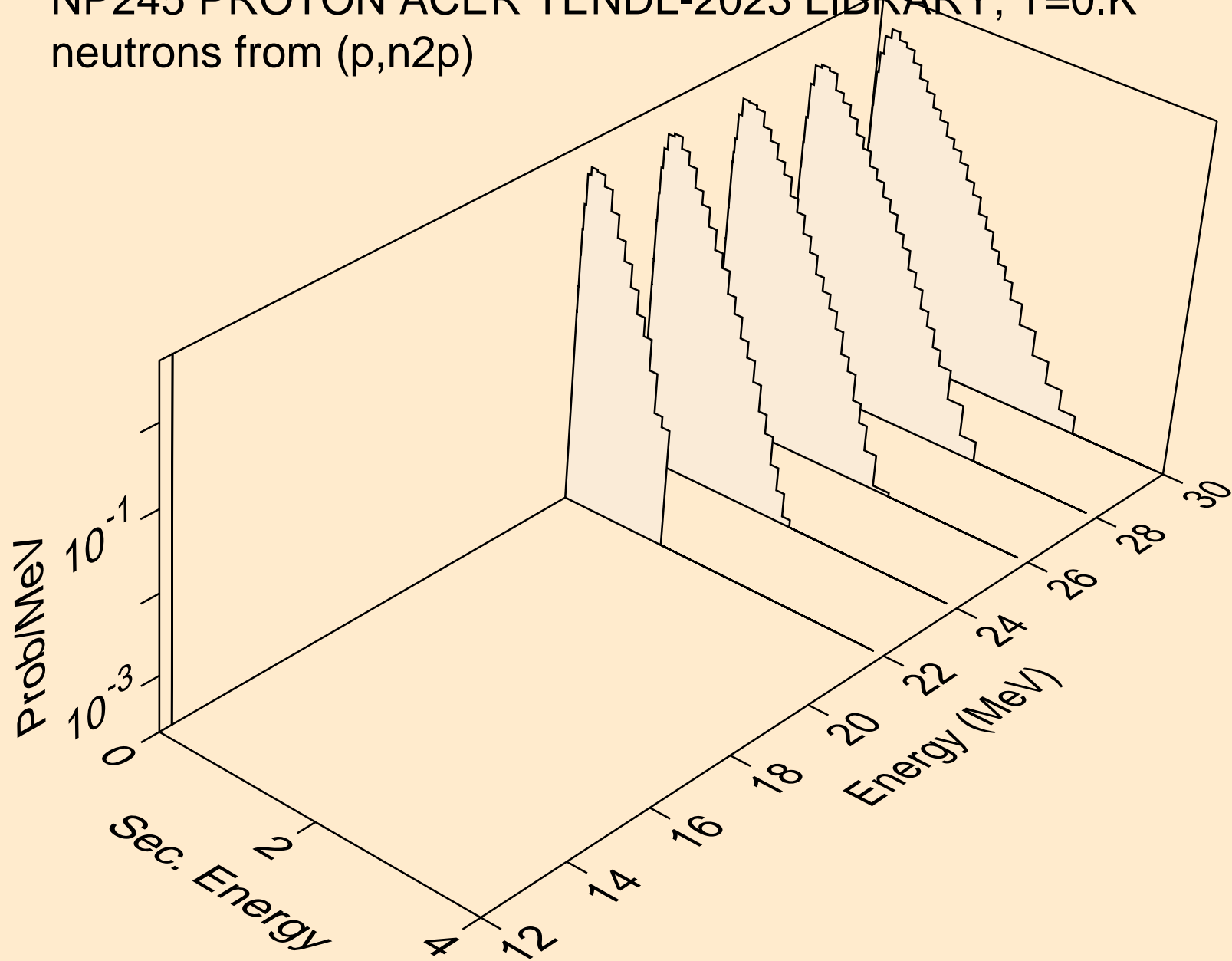
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



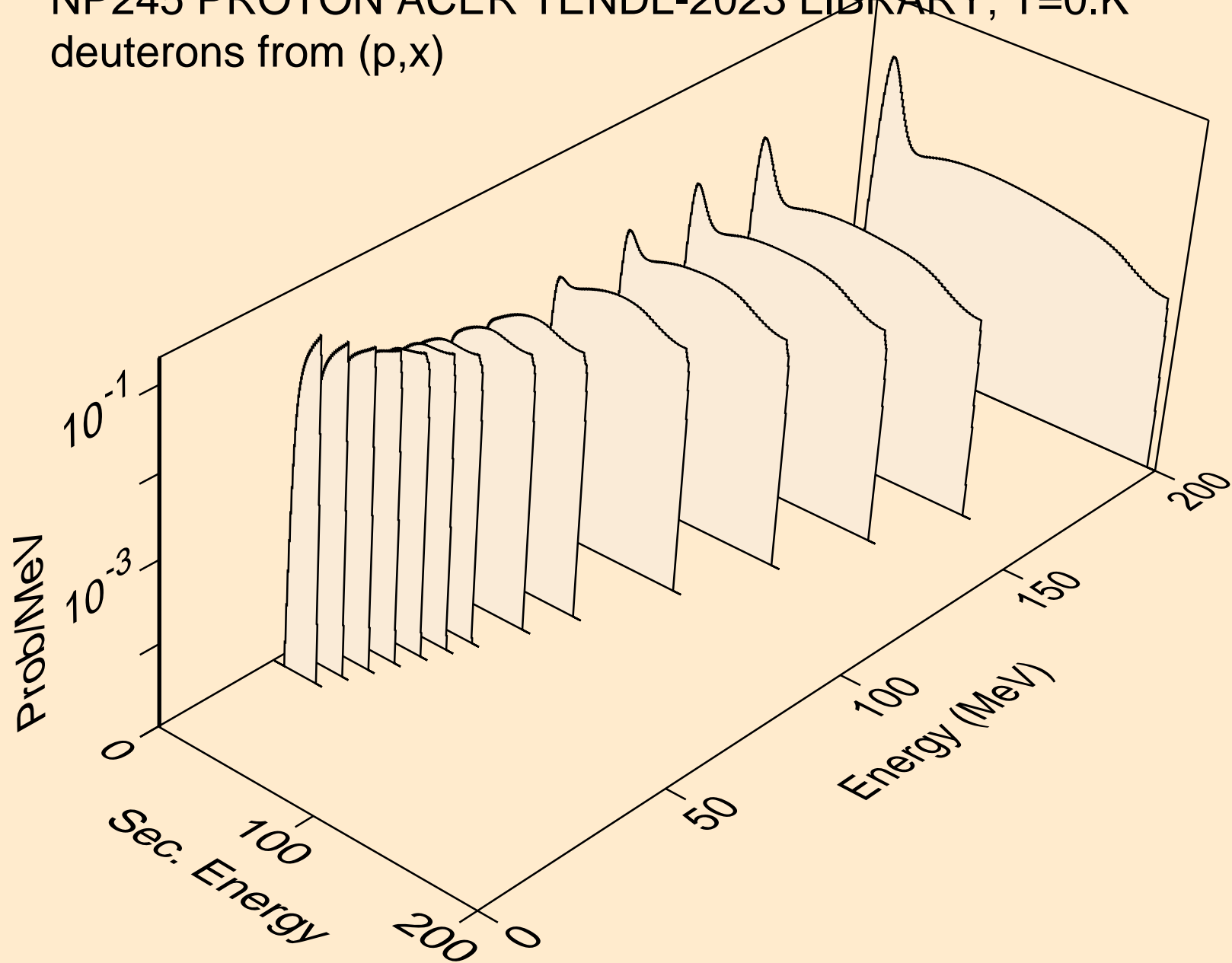
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



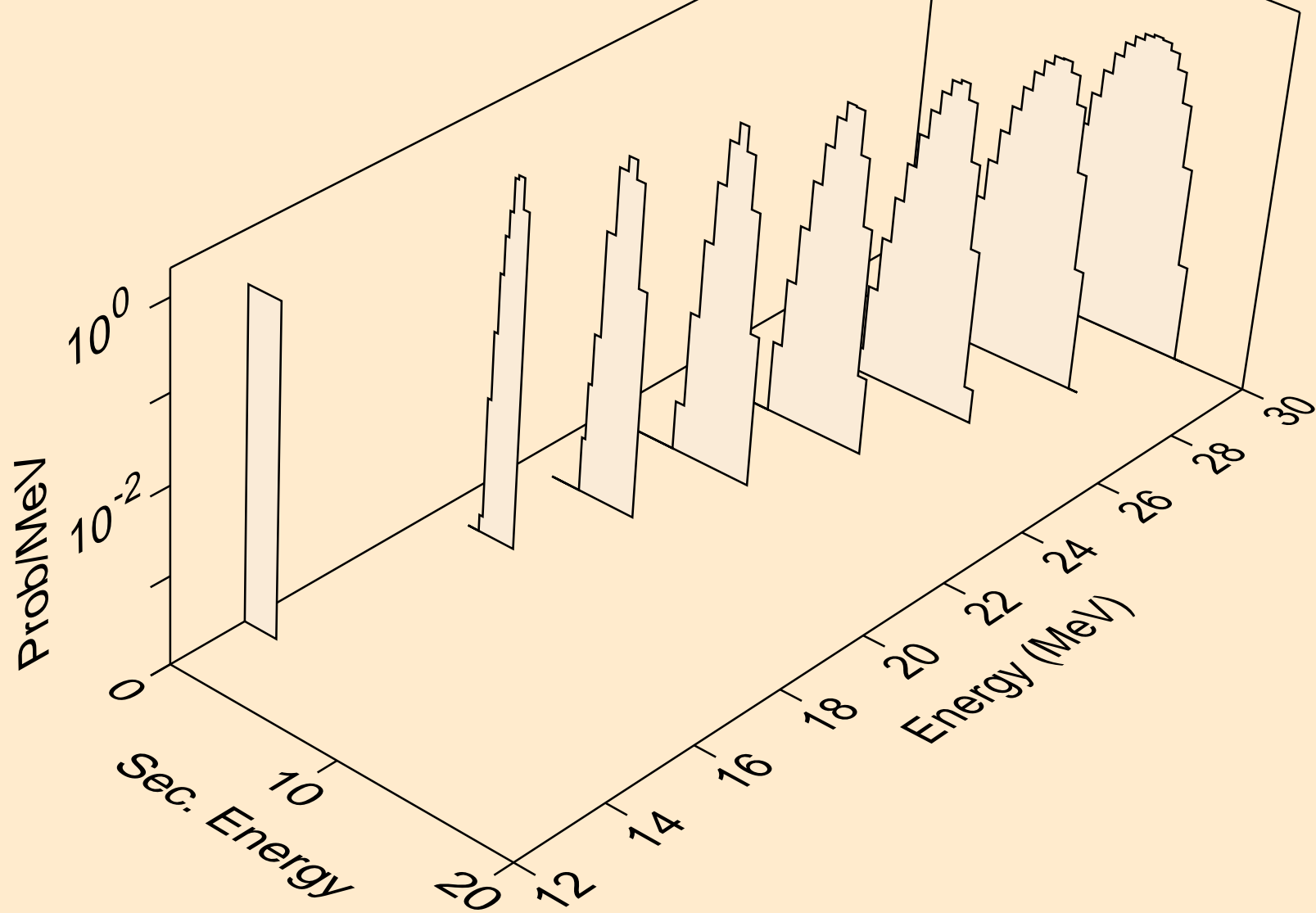
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



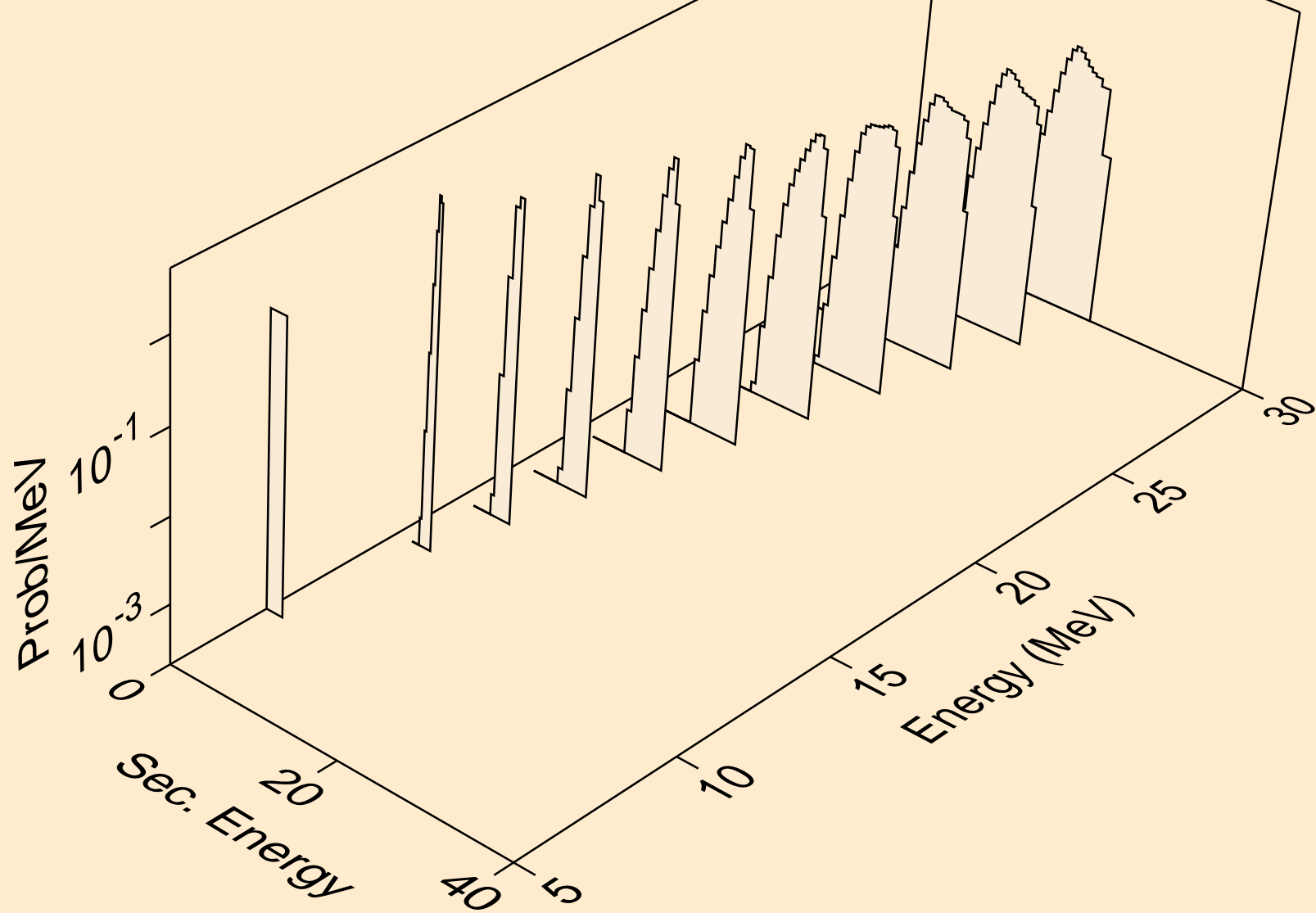
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



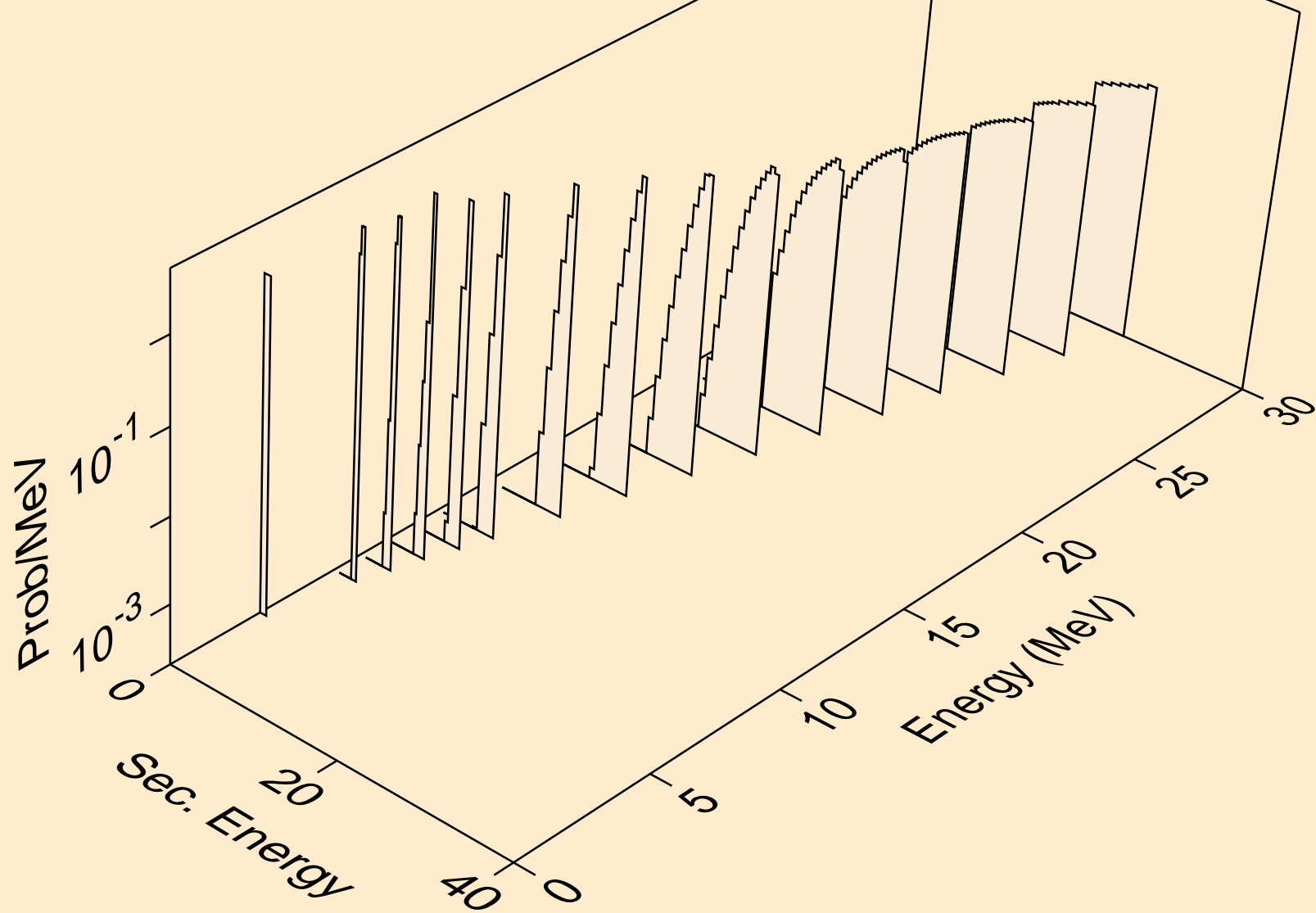
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



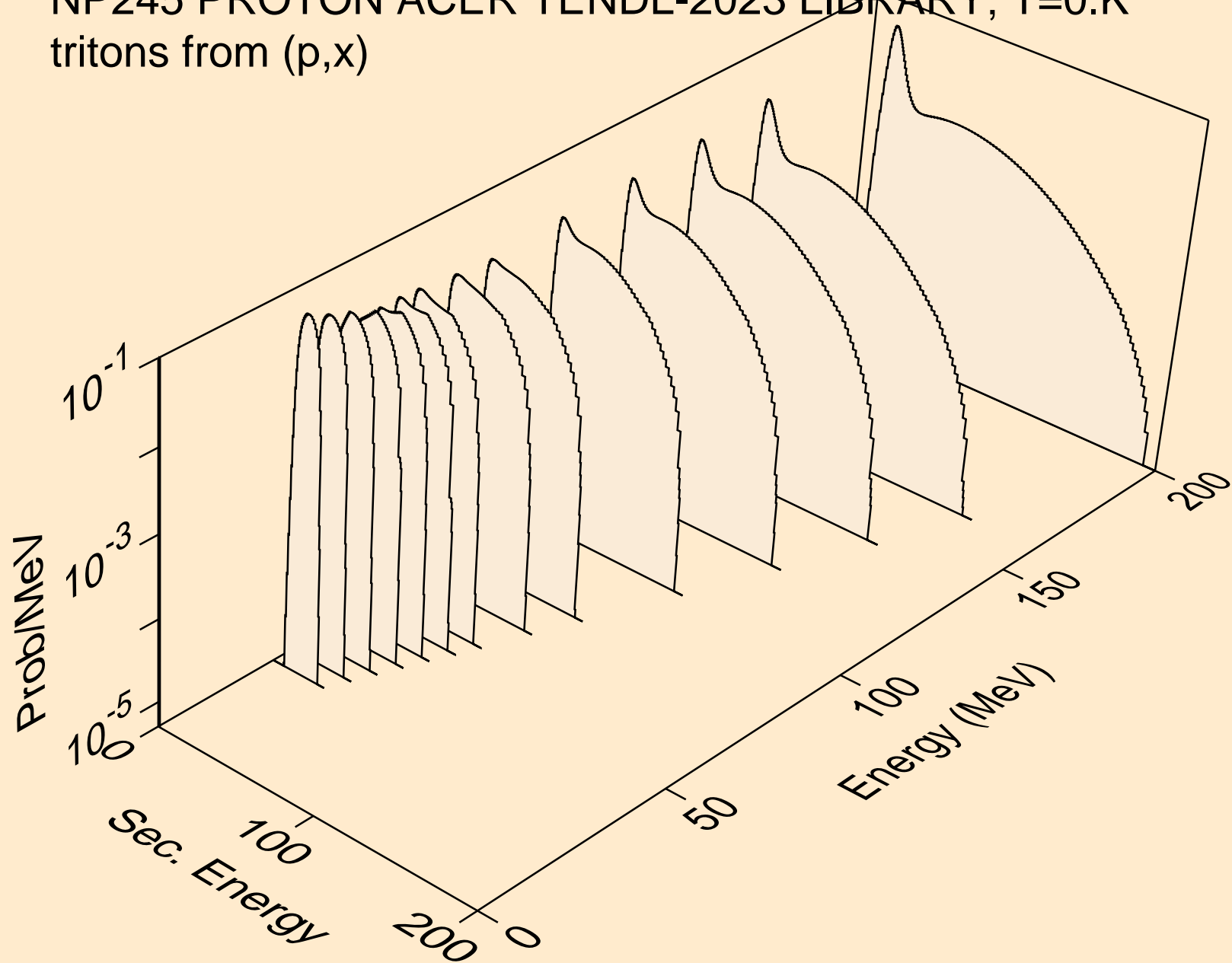
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

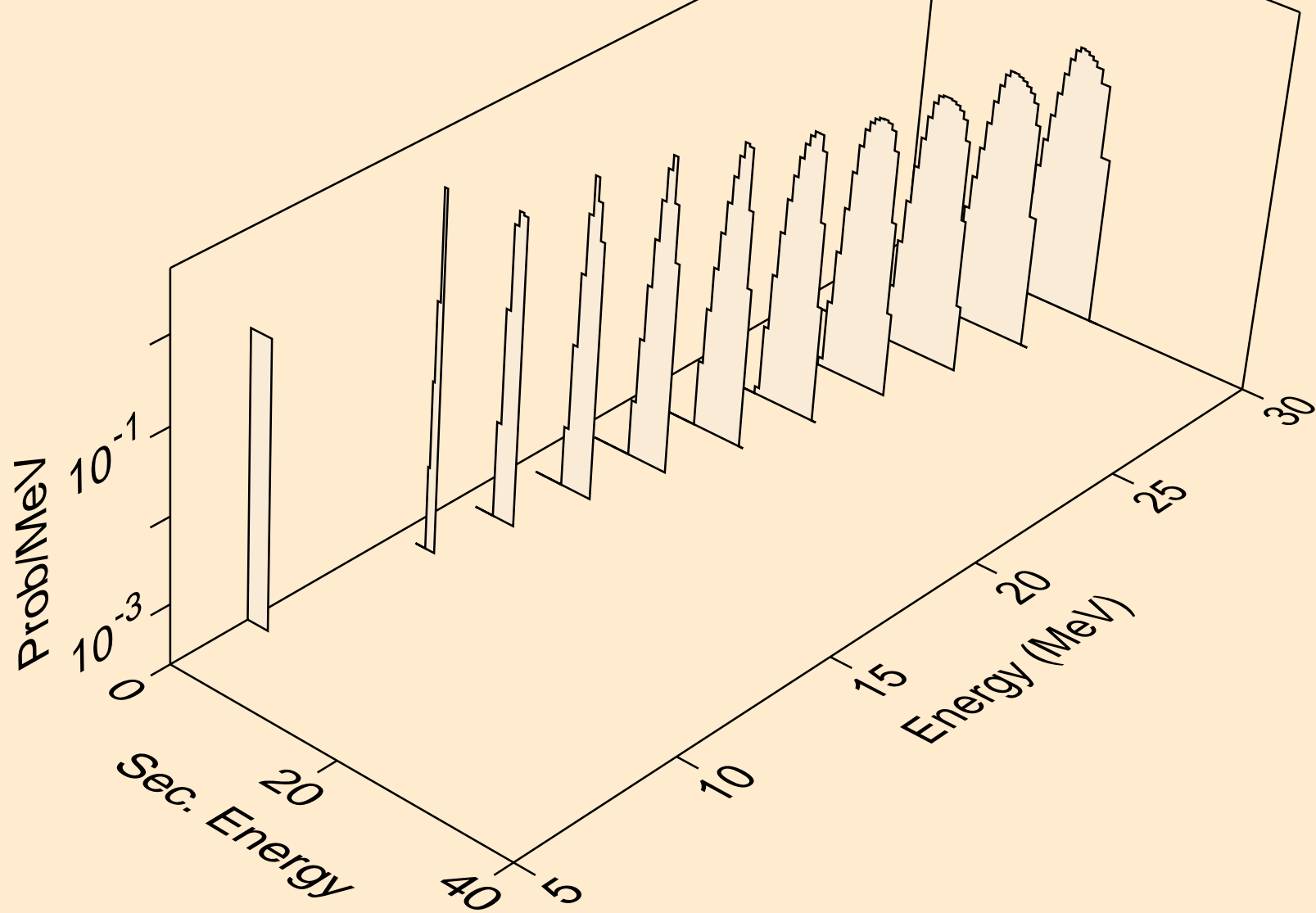


NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

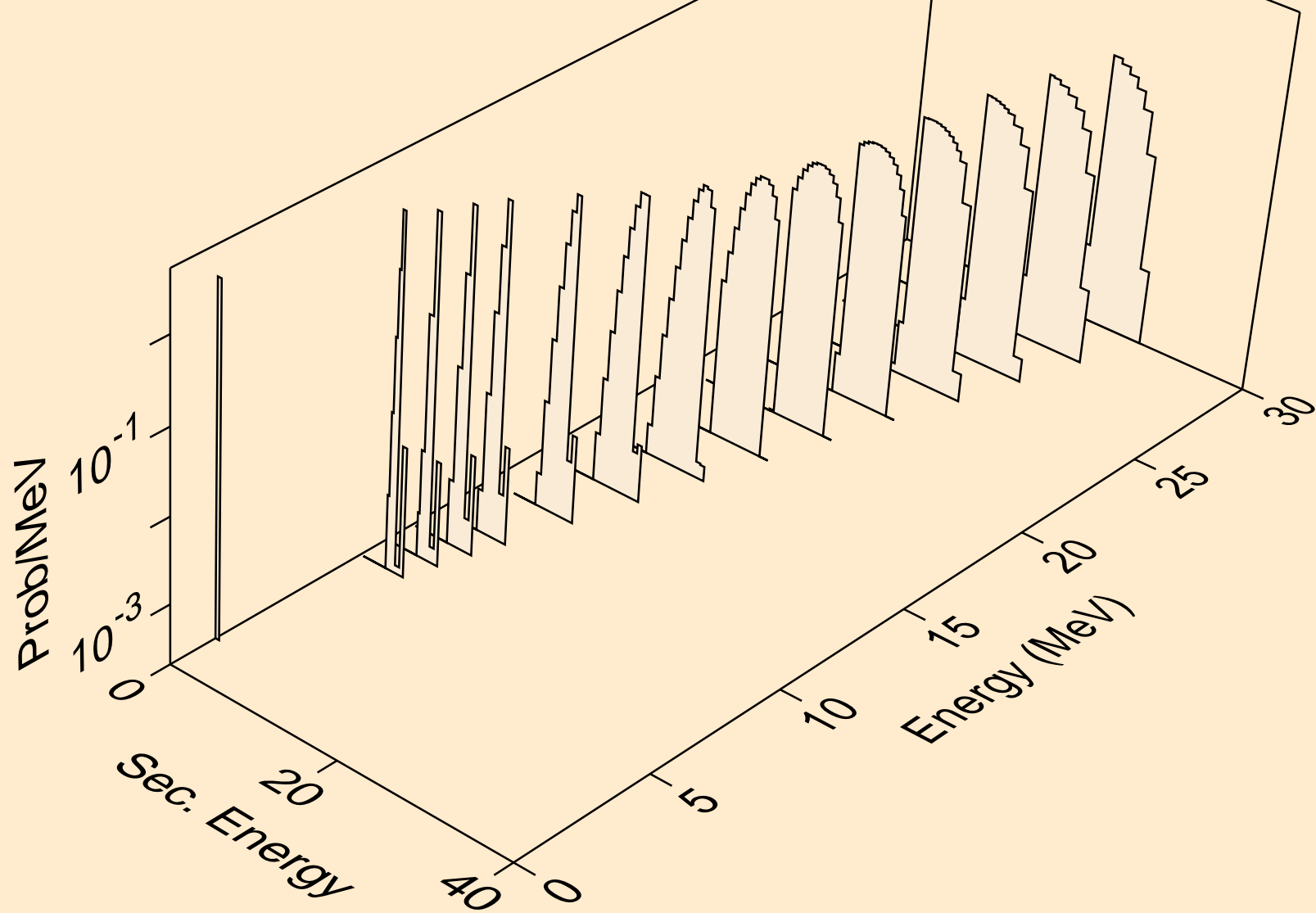




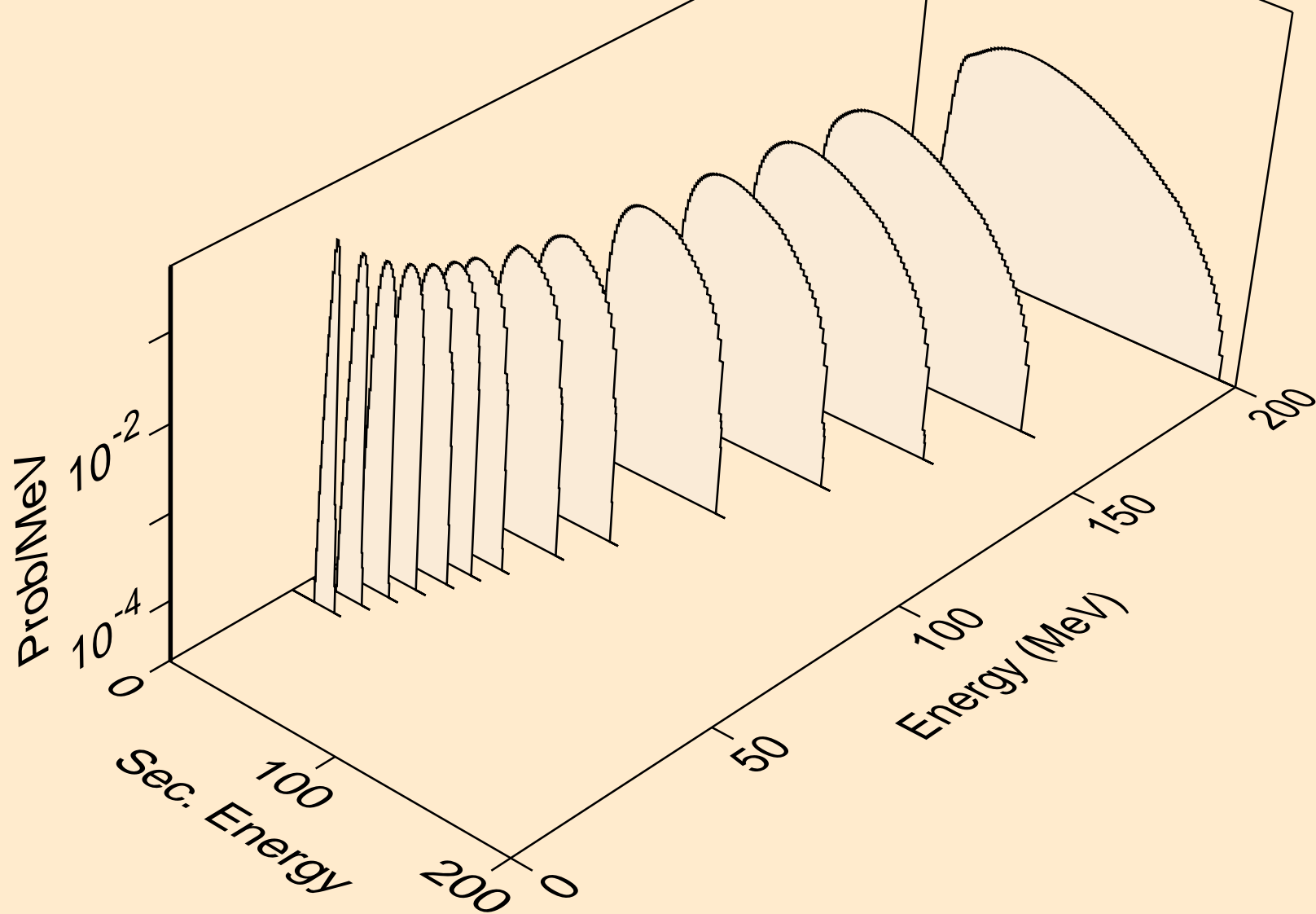
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



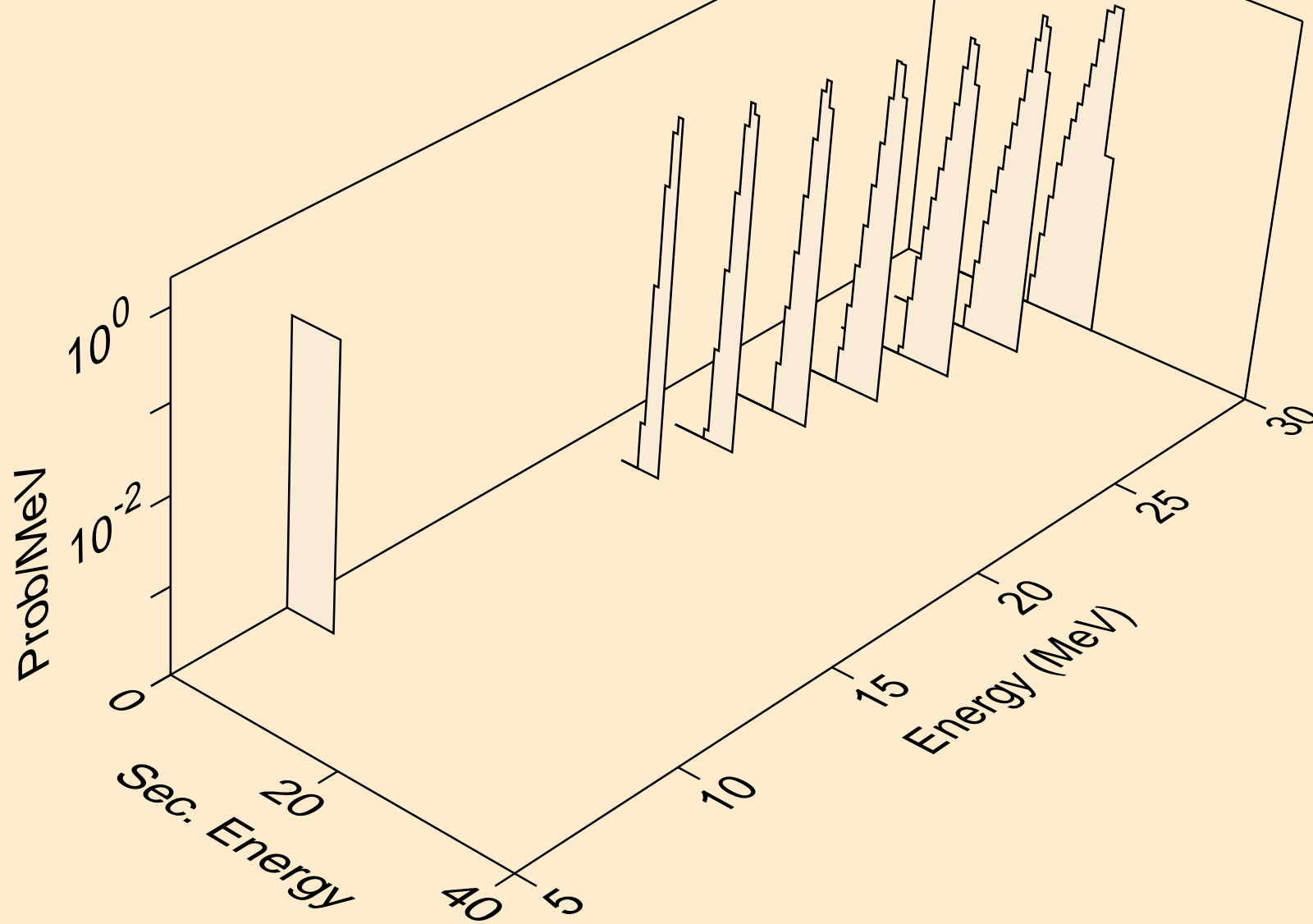
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



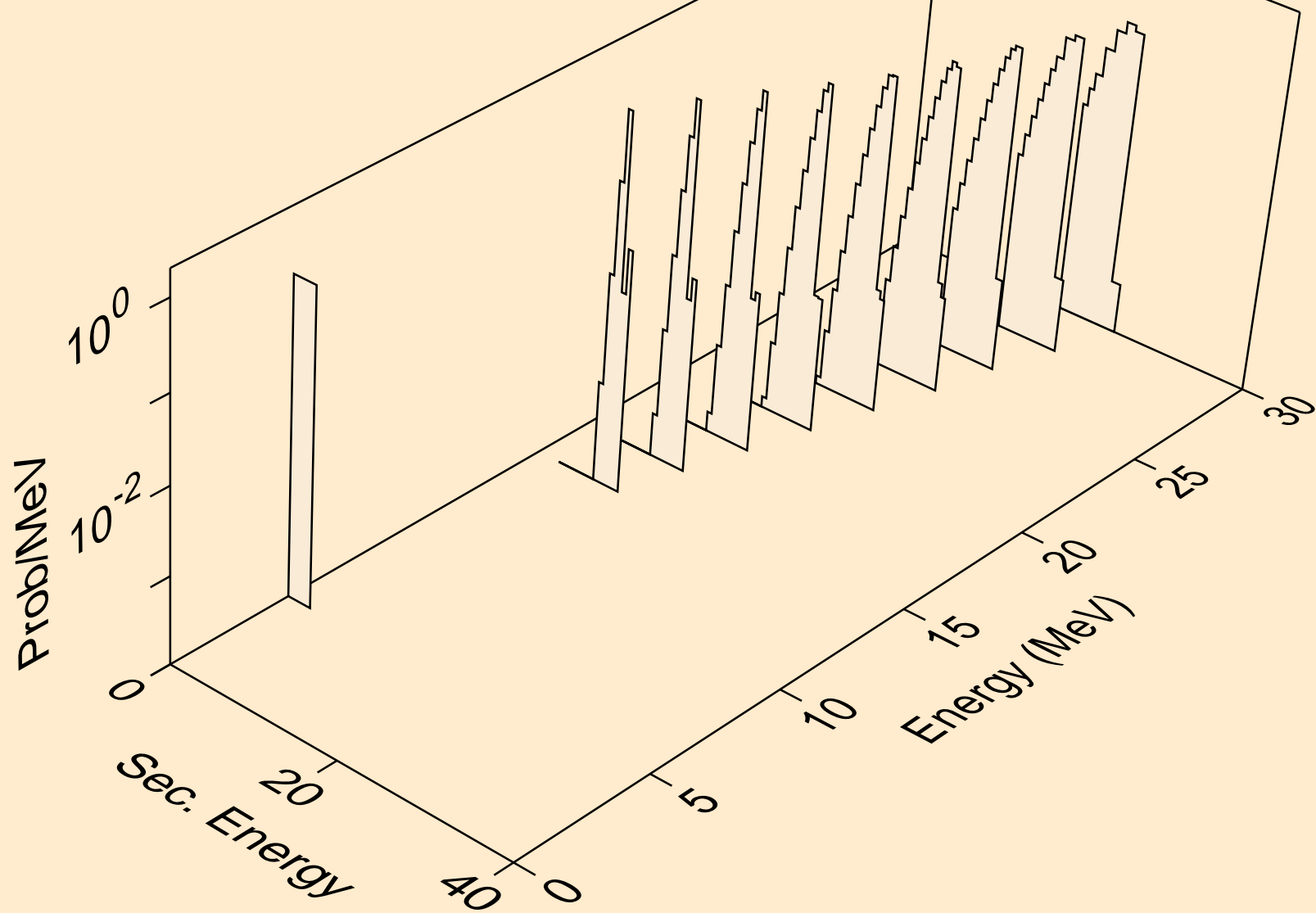
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



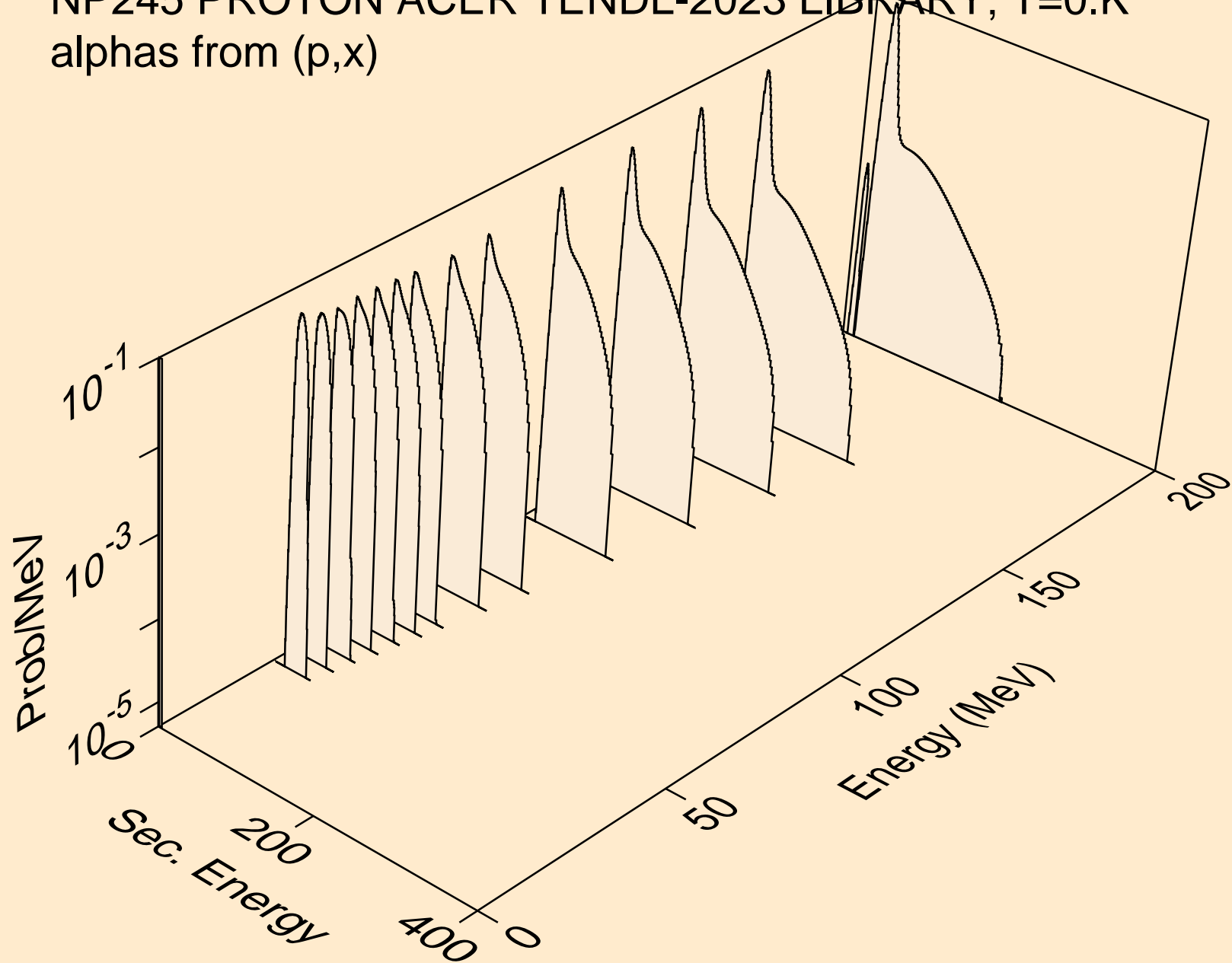
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



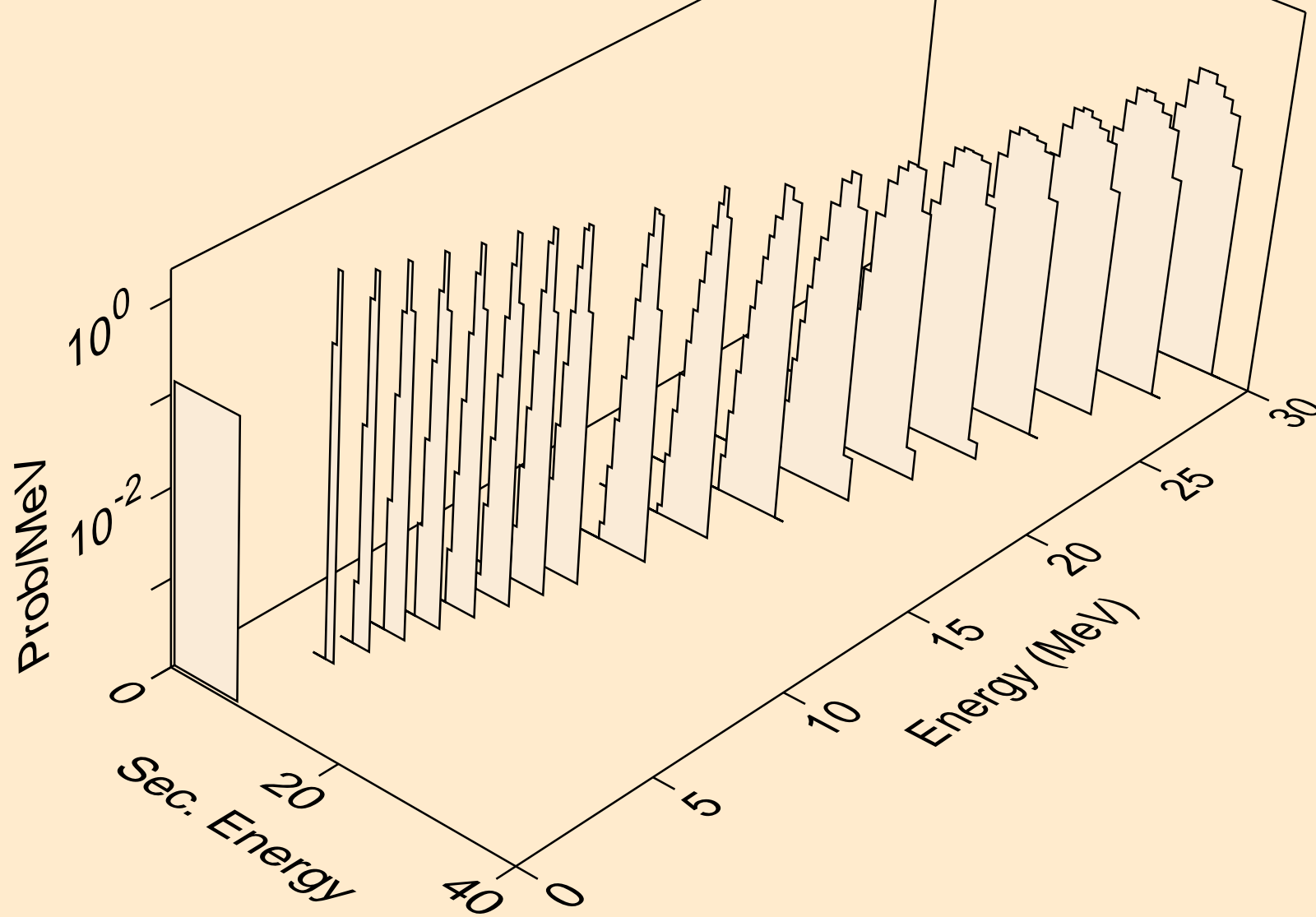
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



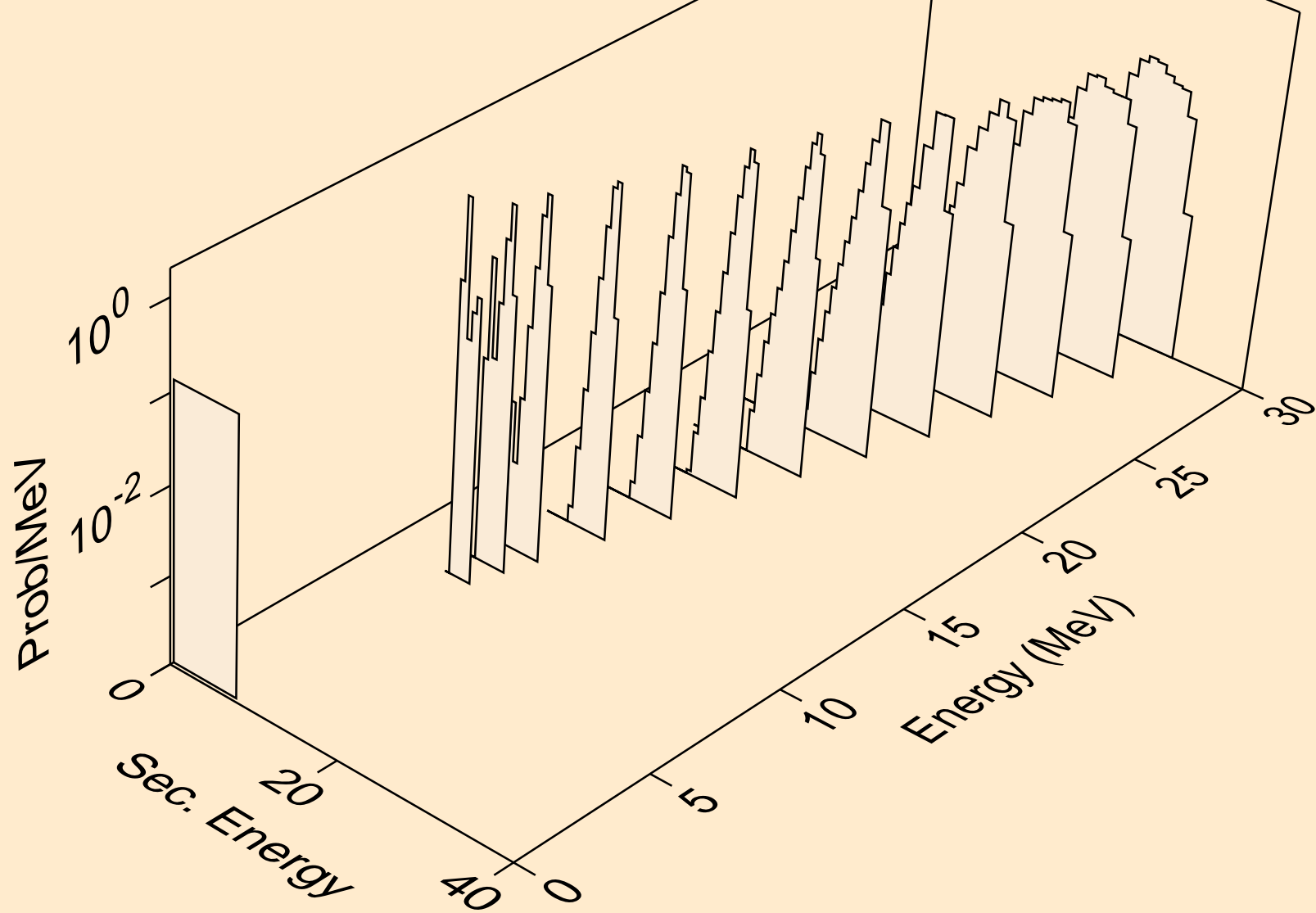
NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

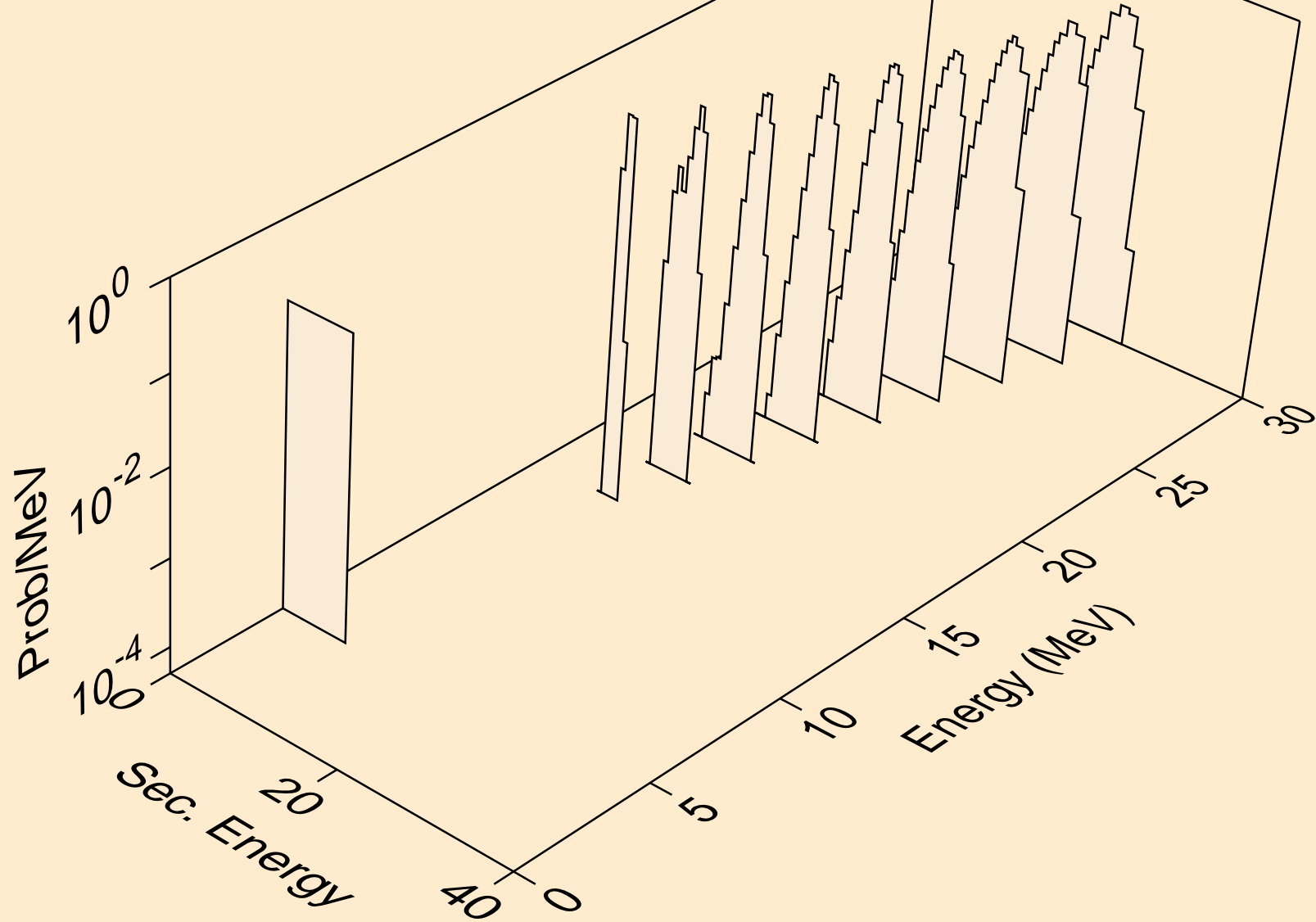


NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a





NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



NP245 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

