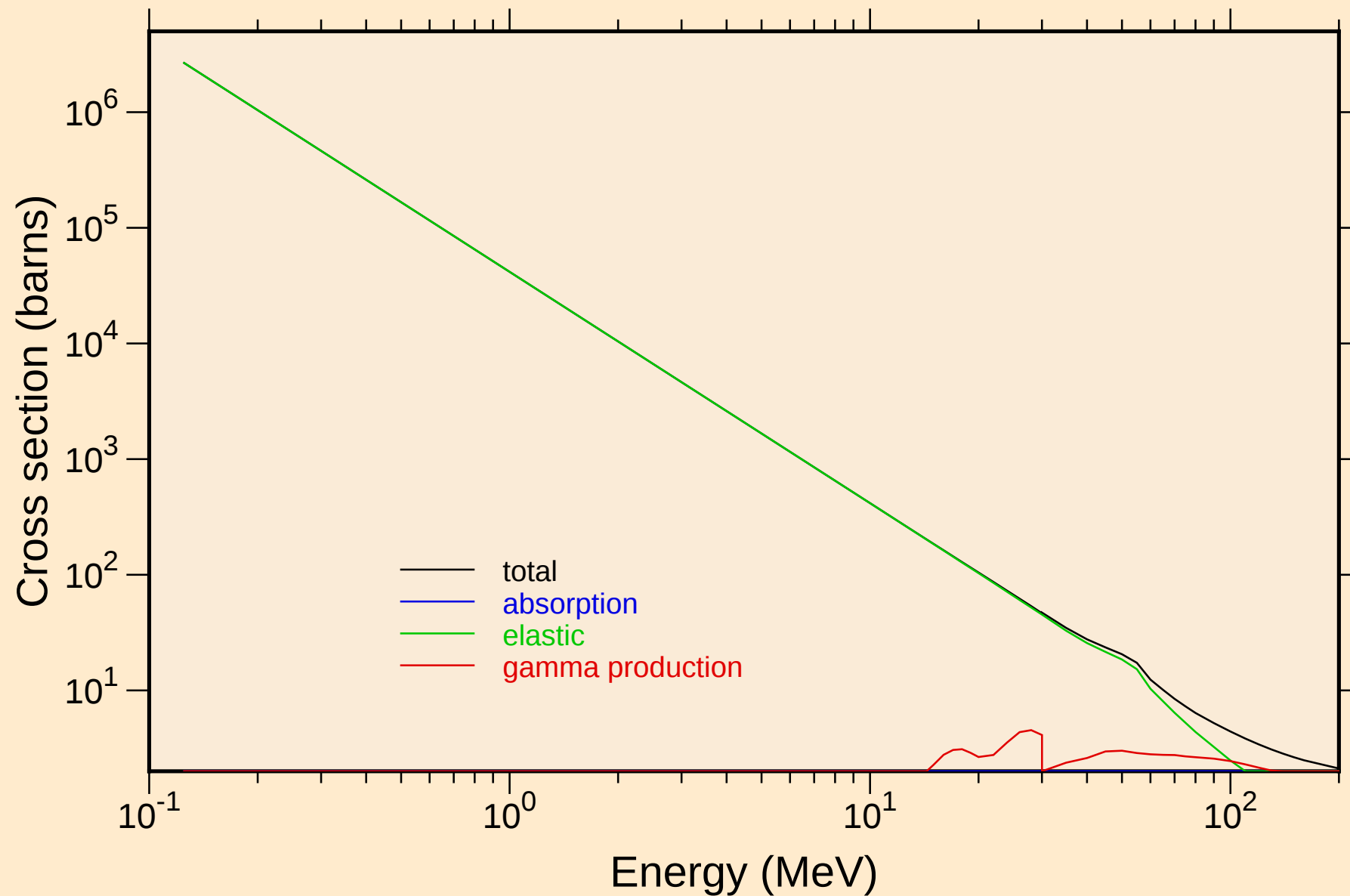


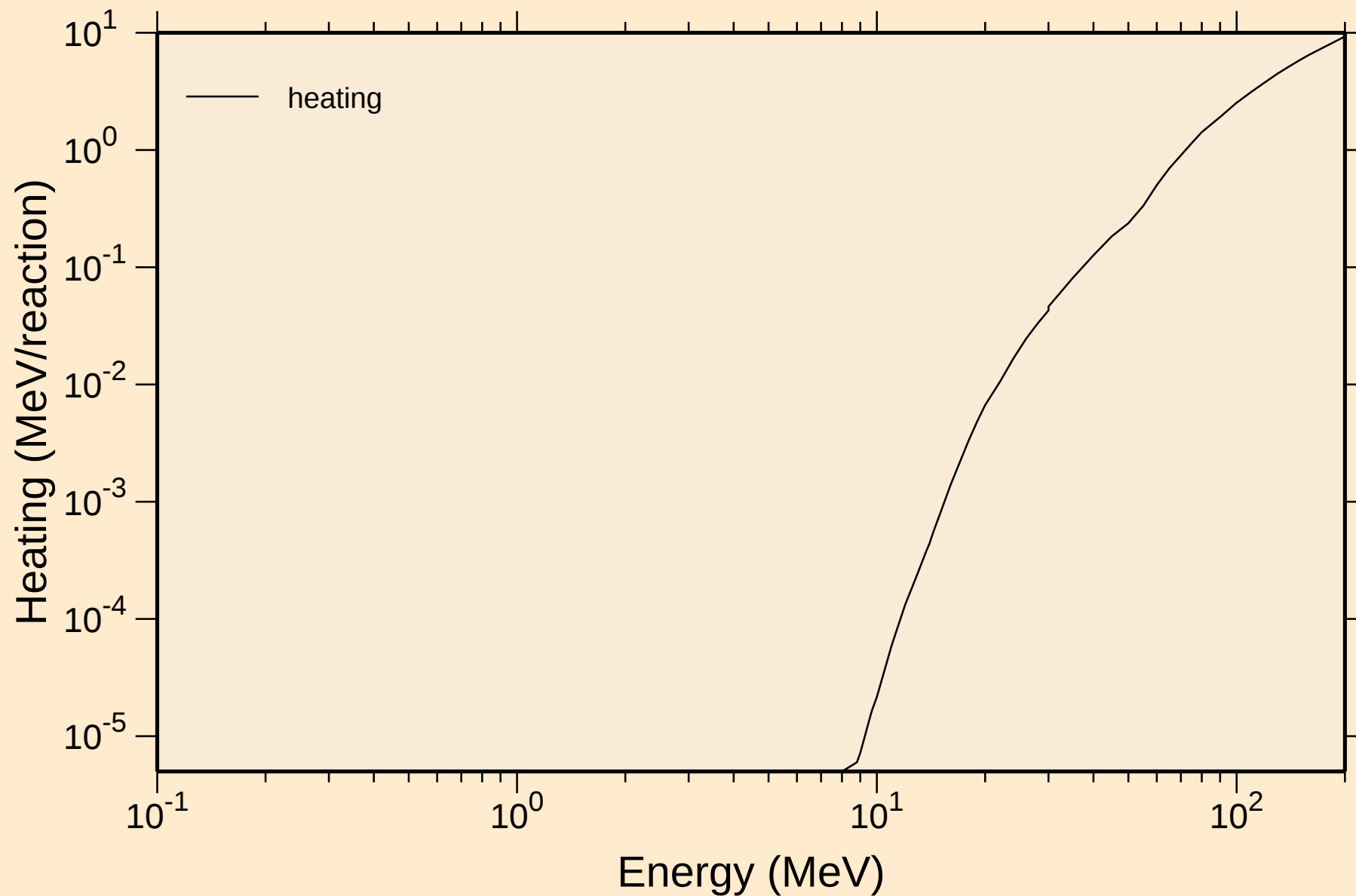
# PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



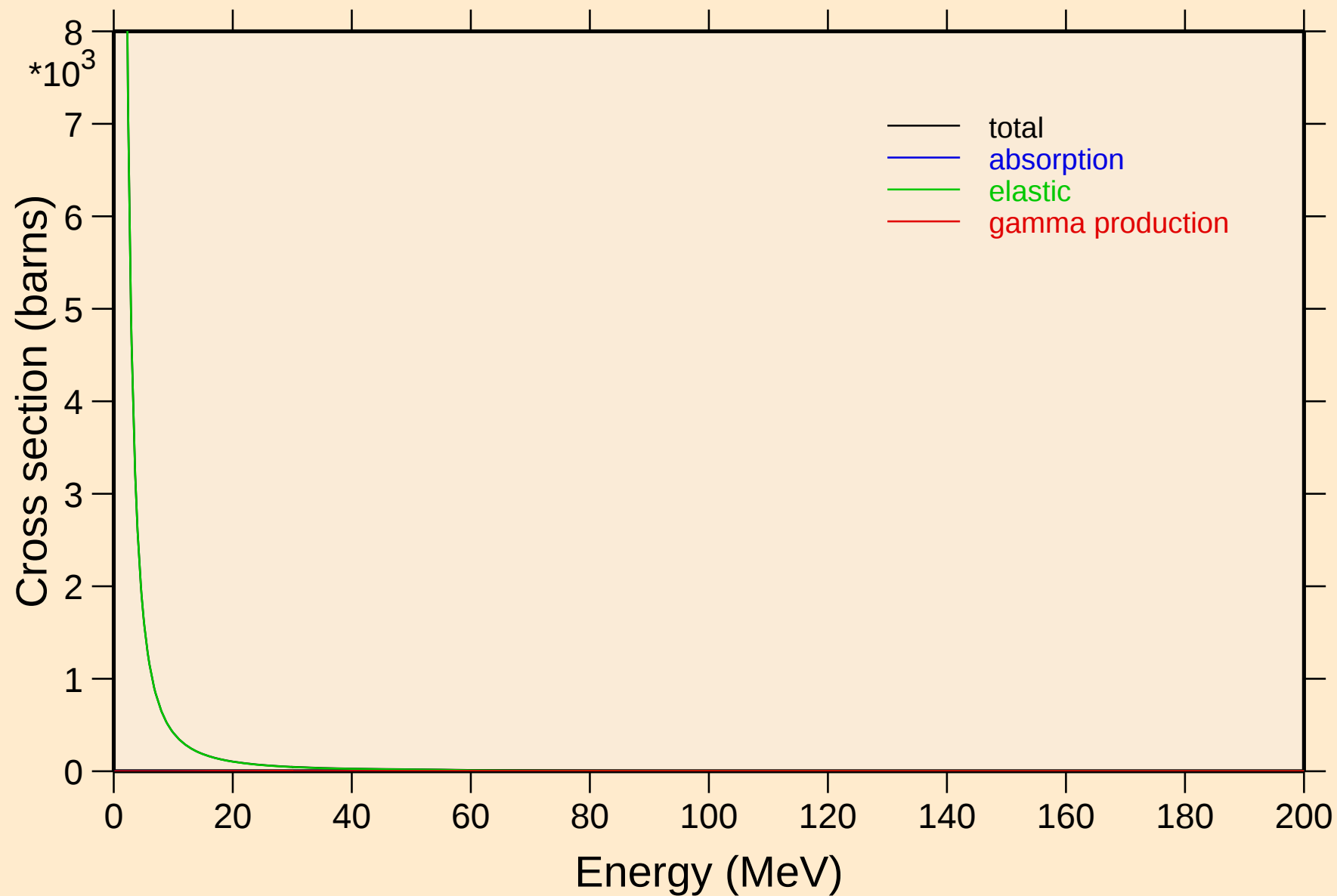
# PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



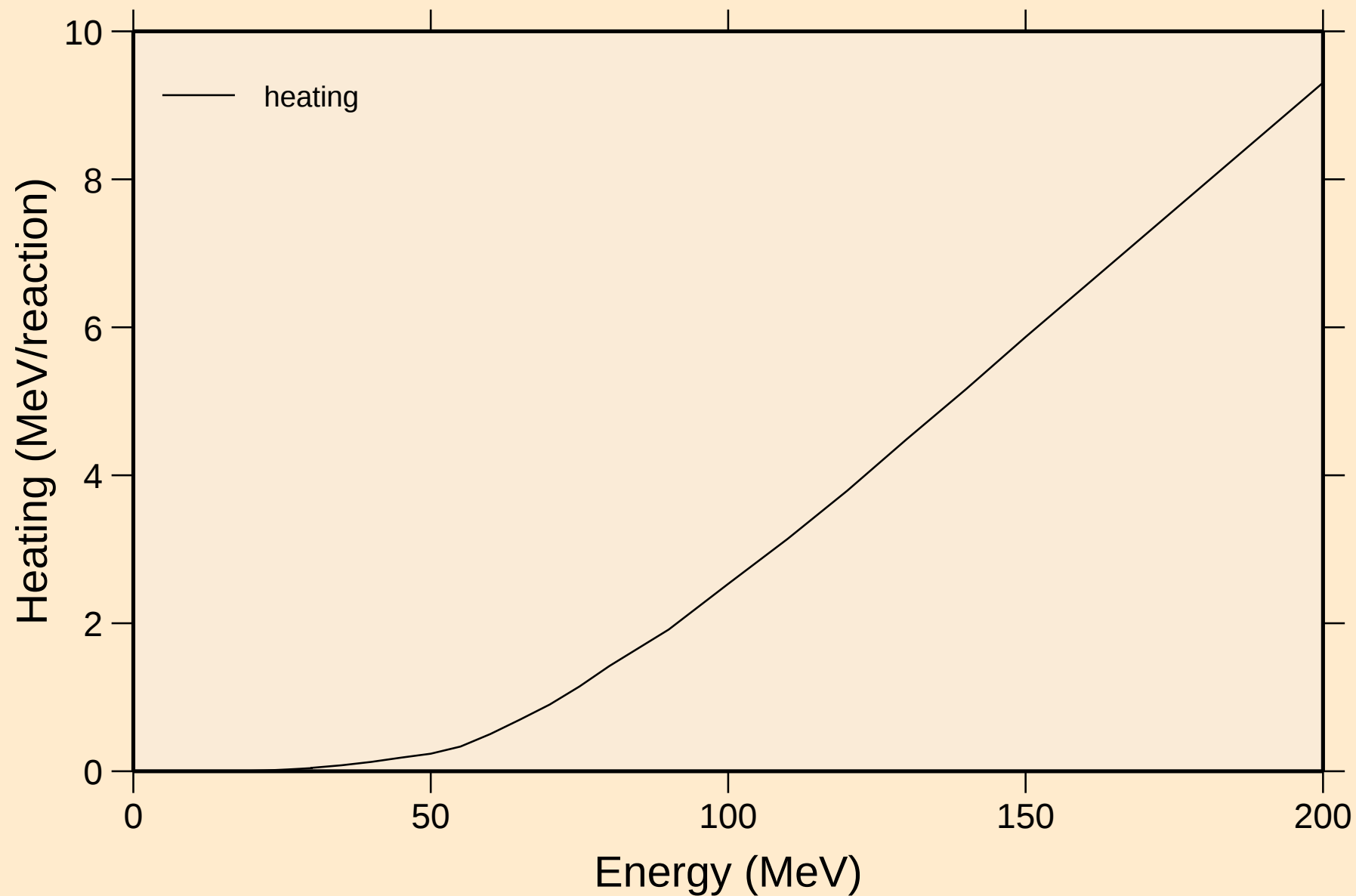
# PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



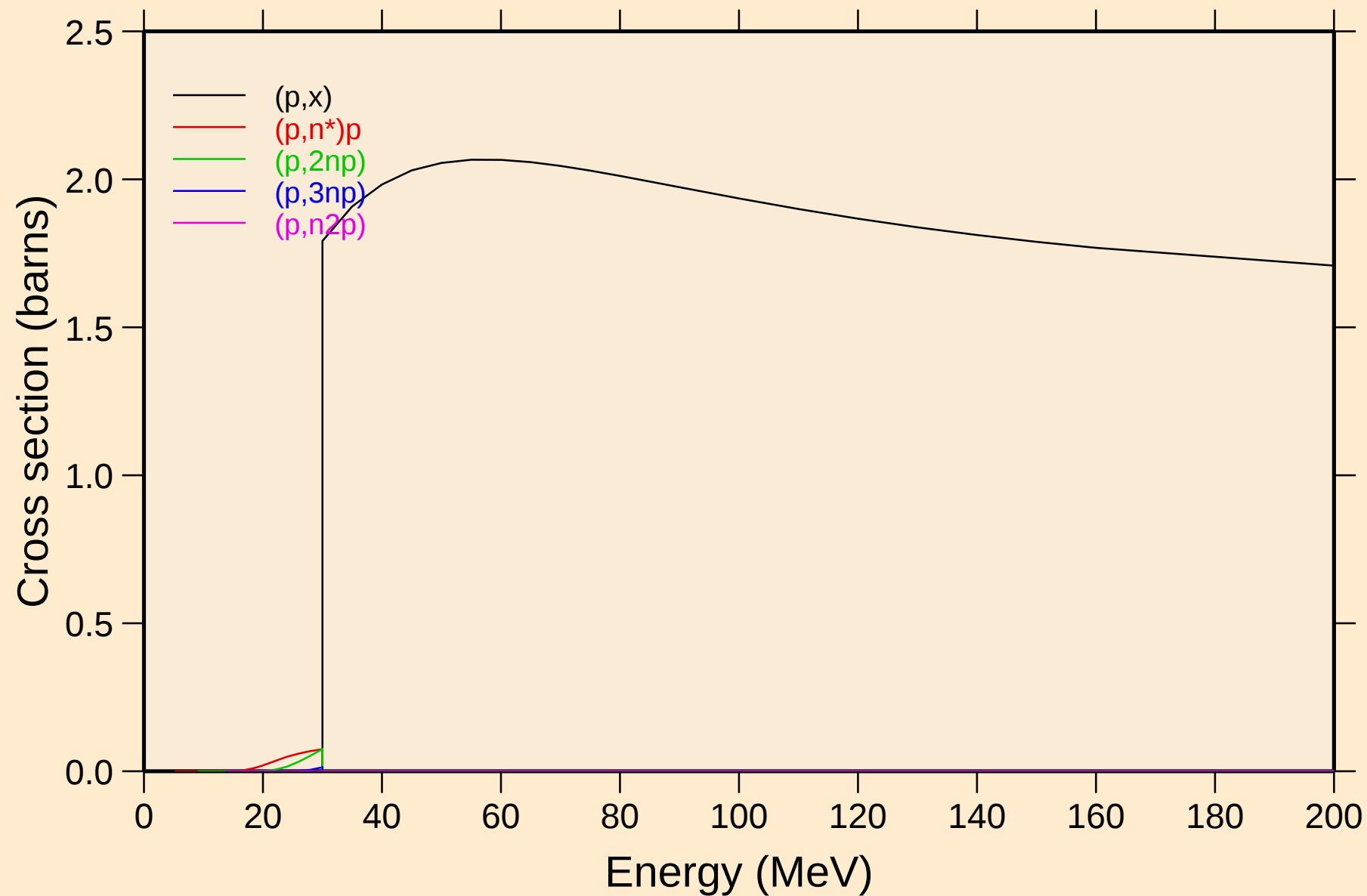
# PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



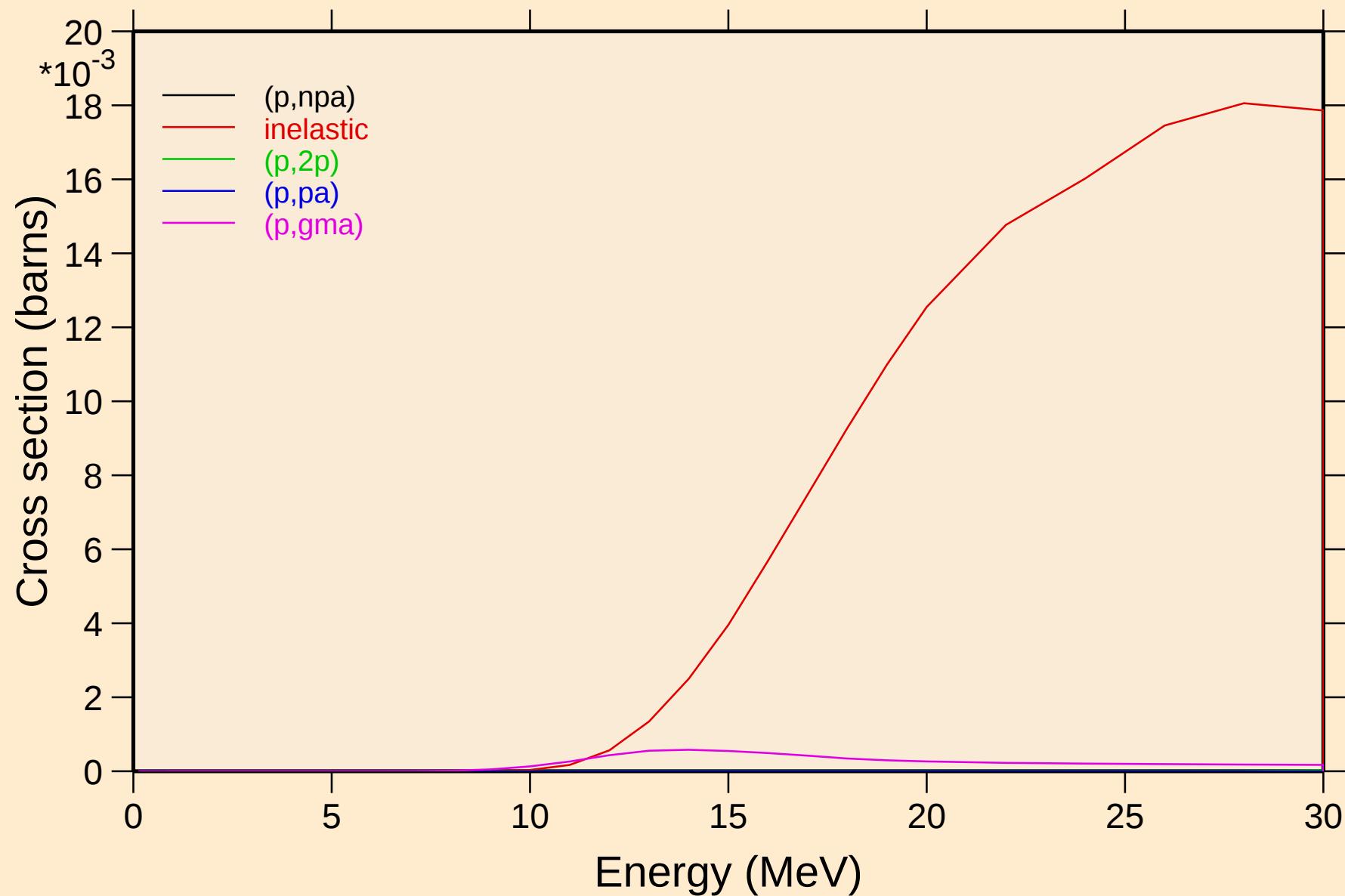
# PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



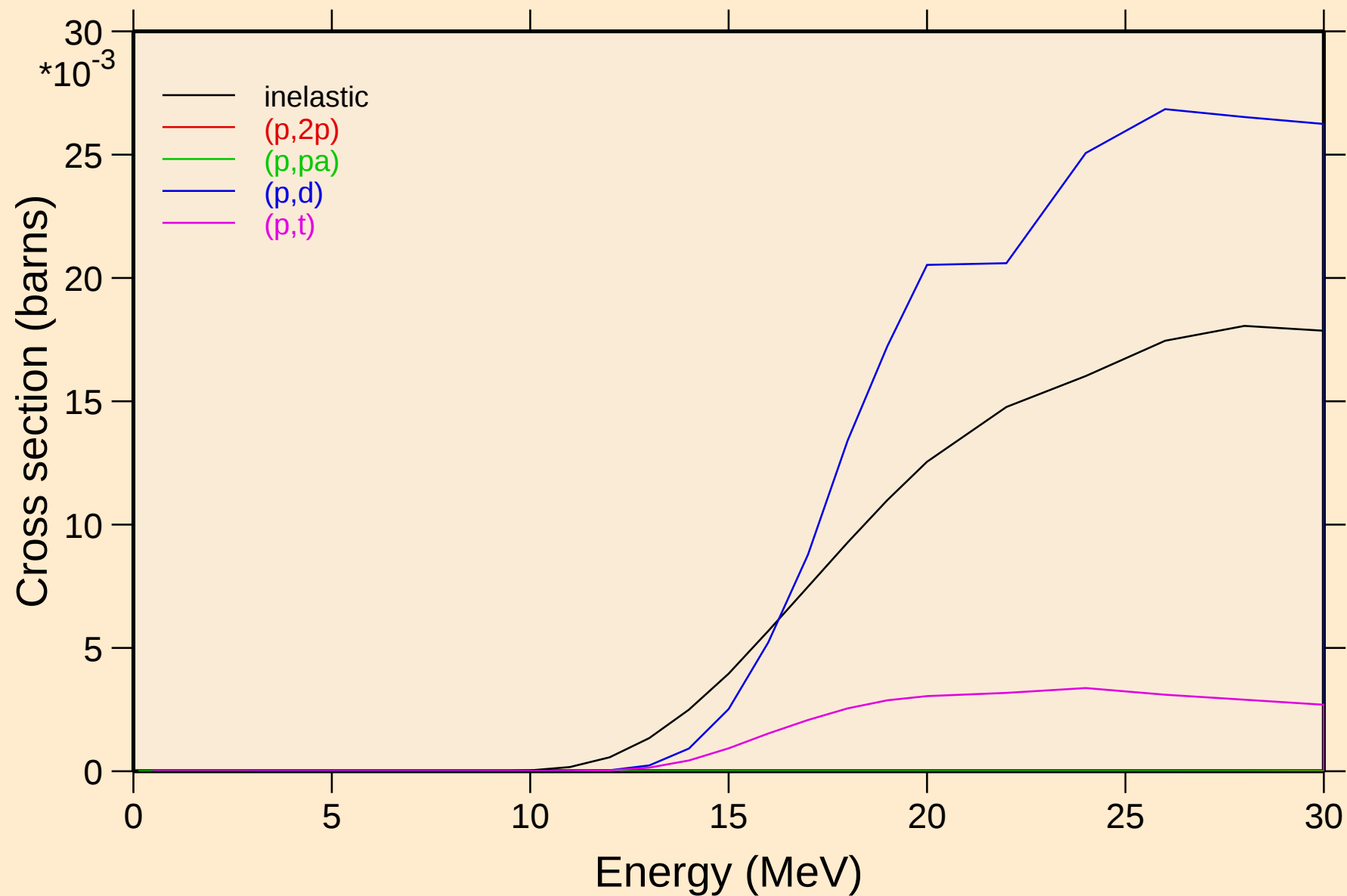
# PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



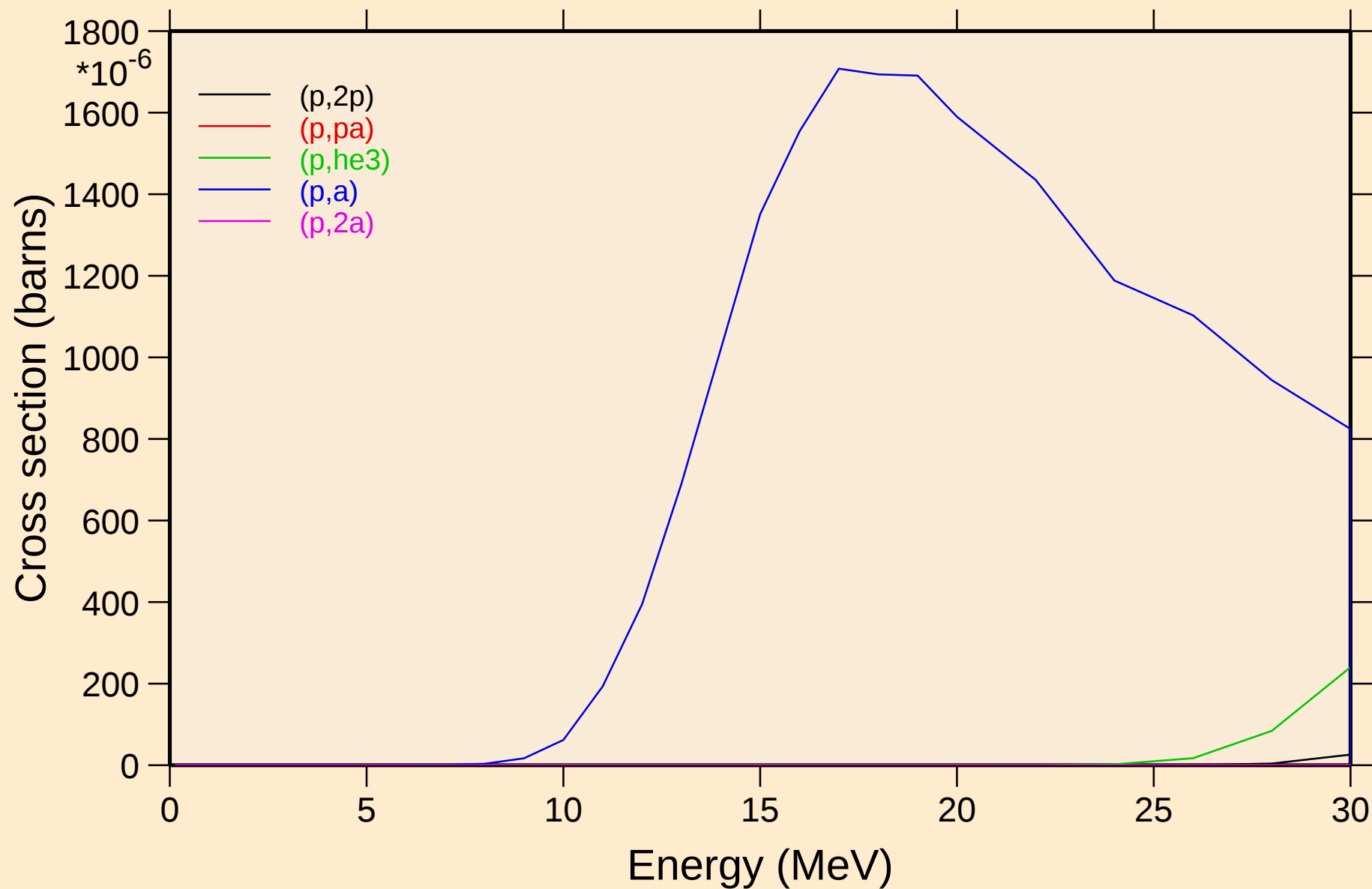
# PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



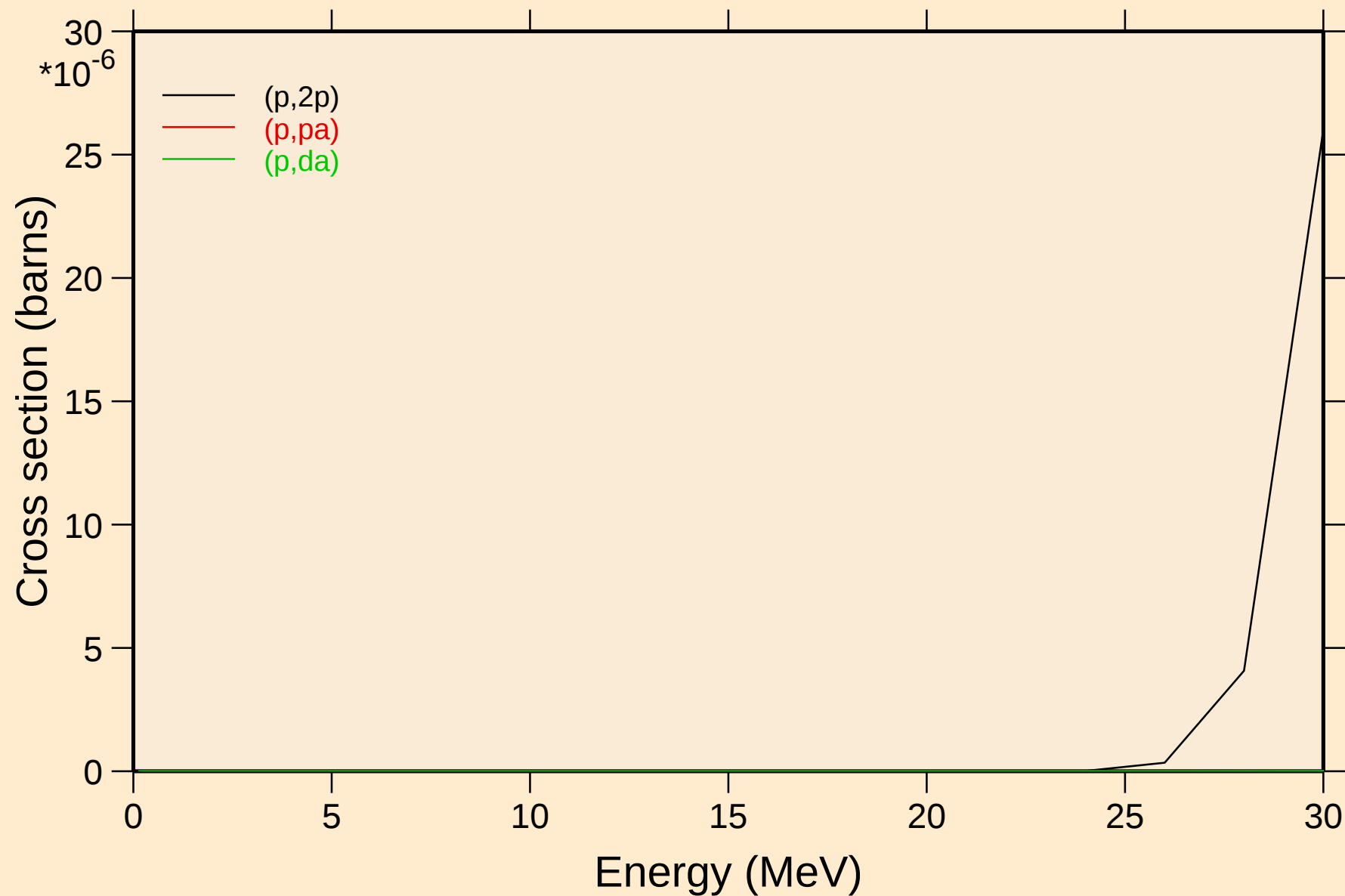
# PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

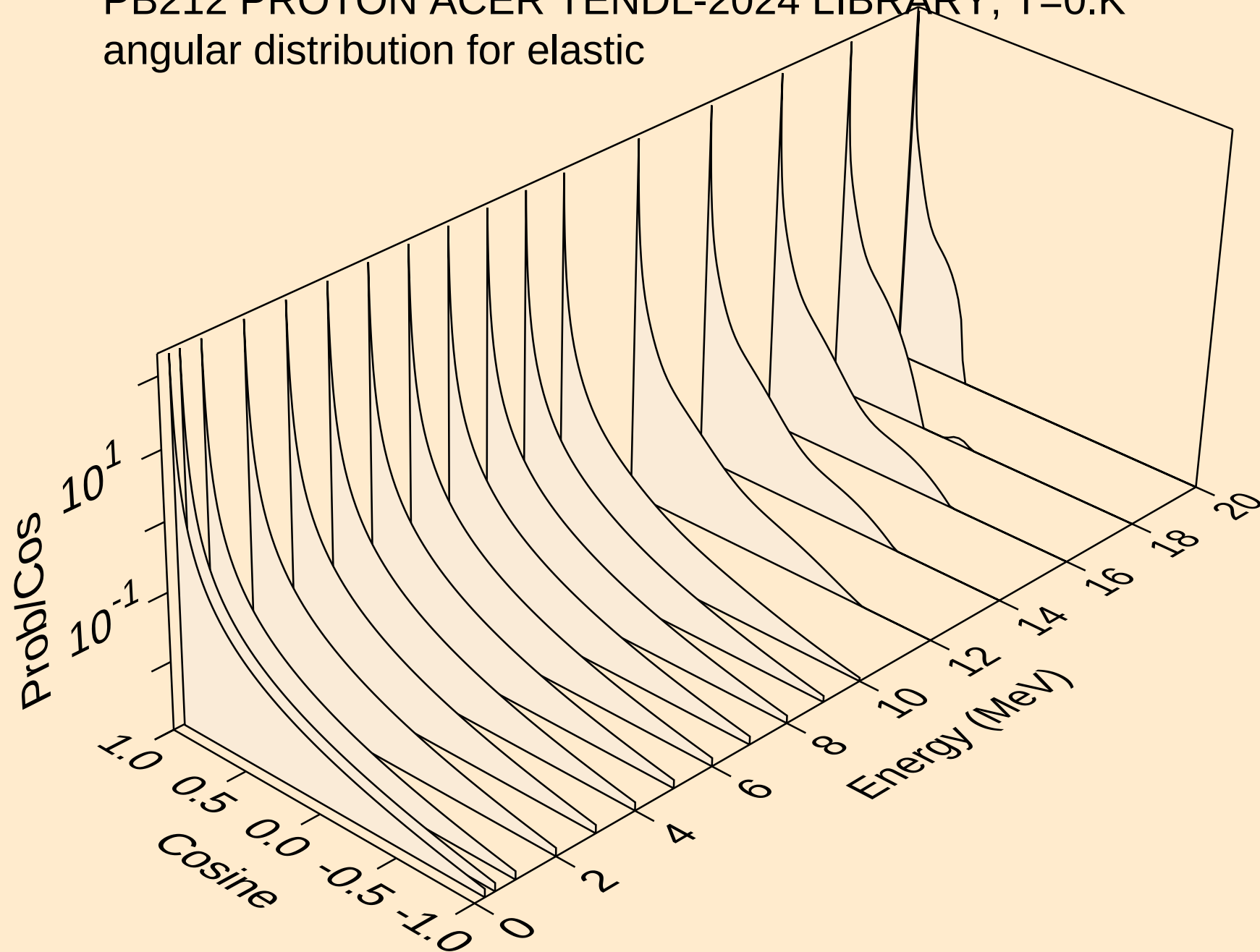


# PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

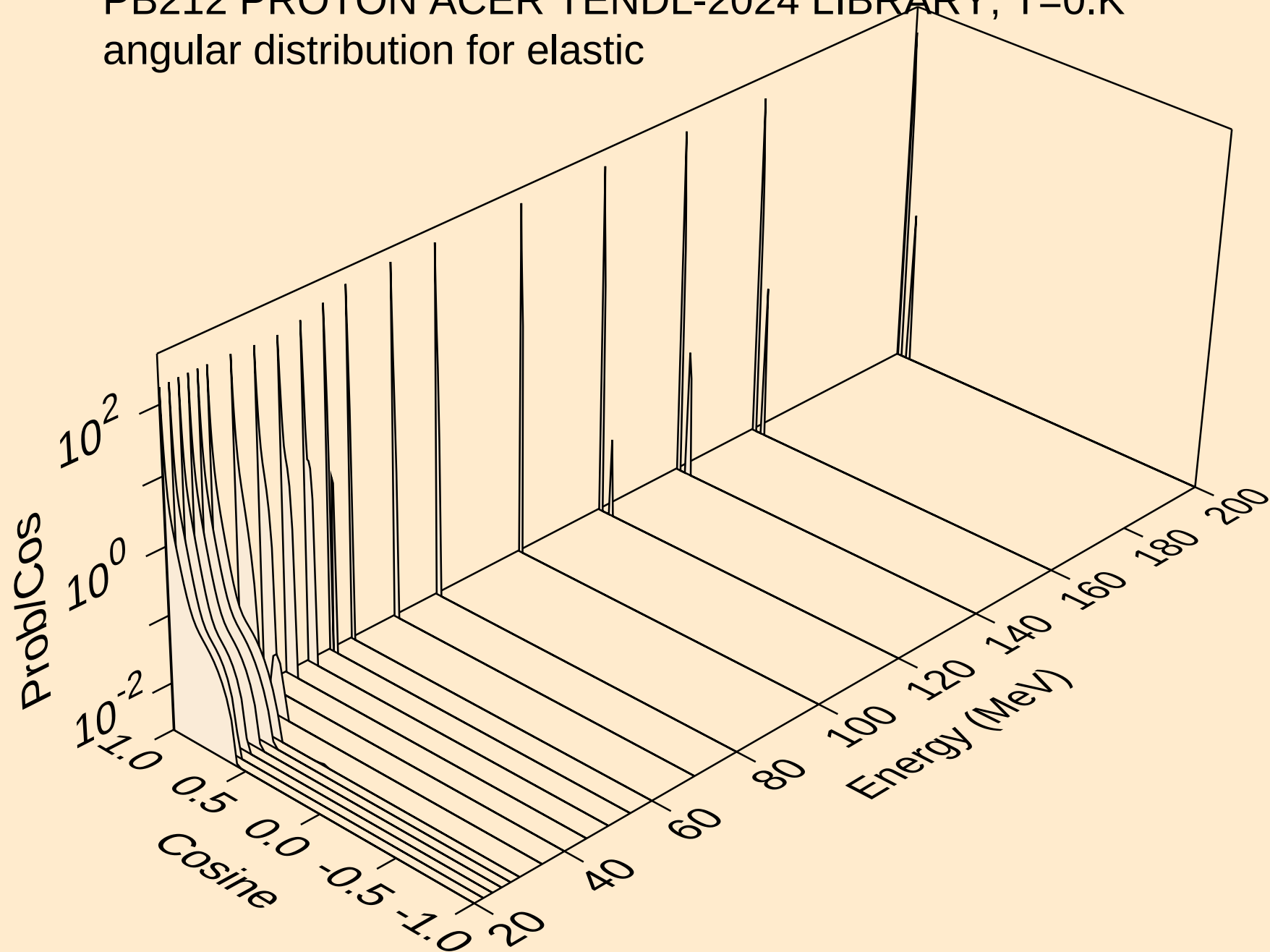
Threshold reactions



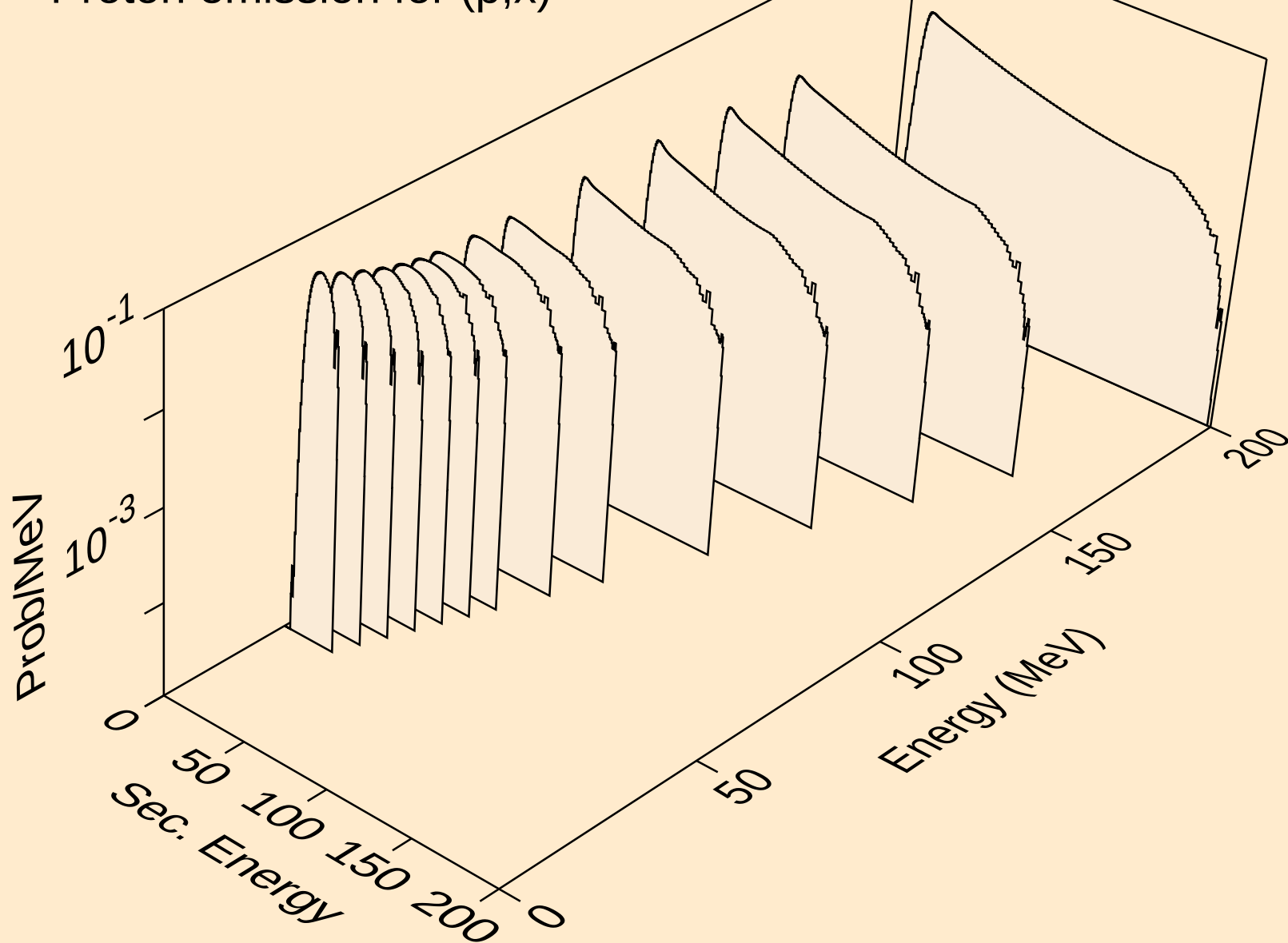
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
angular distribution for elastic



PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

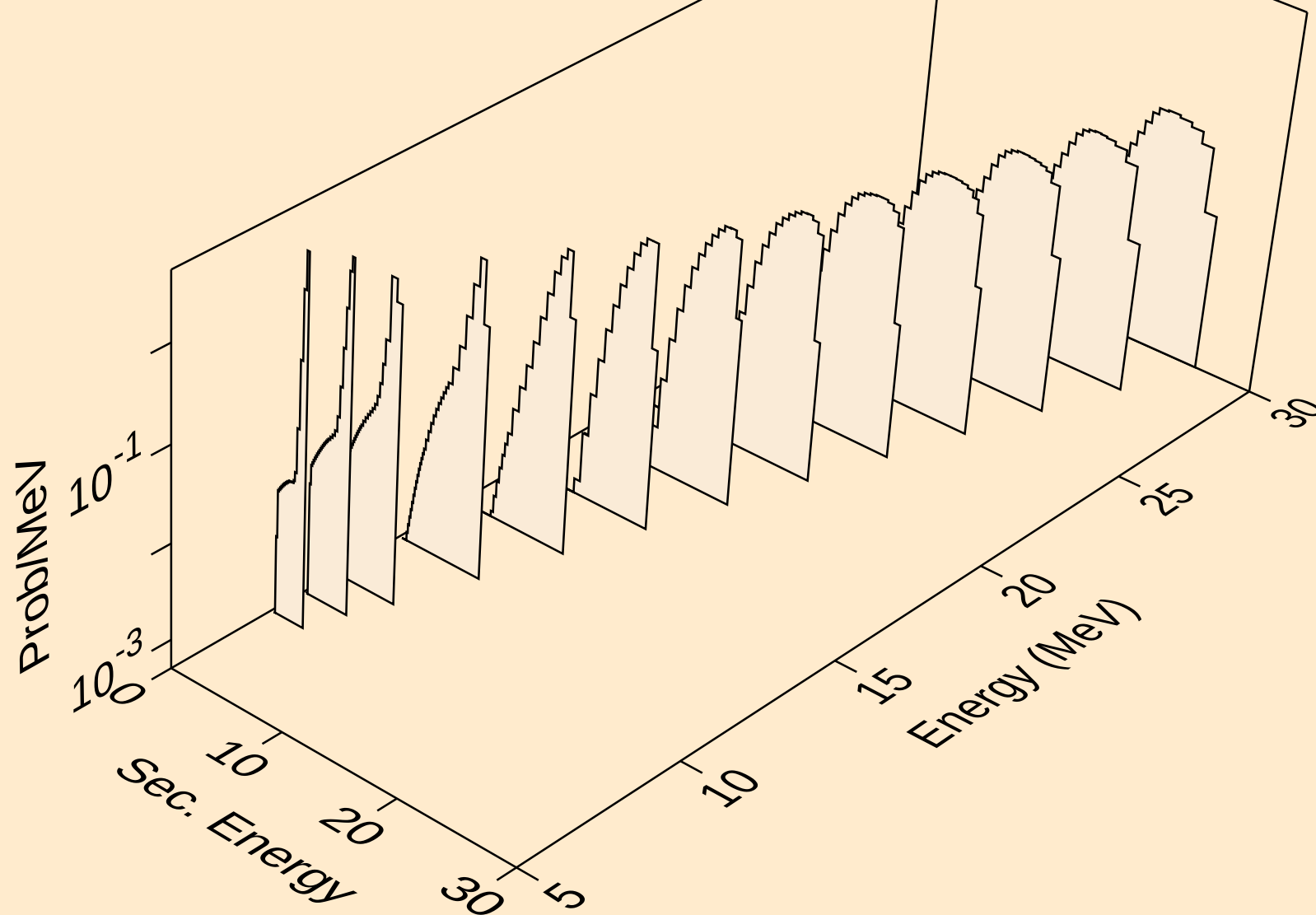


PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)

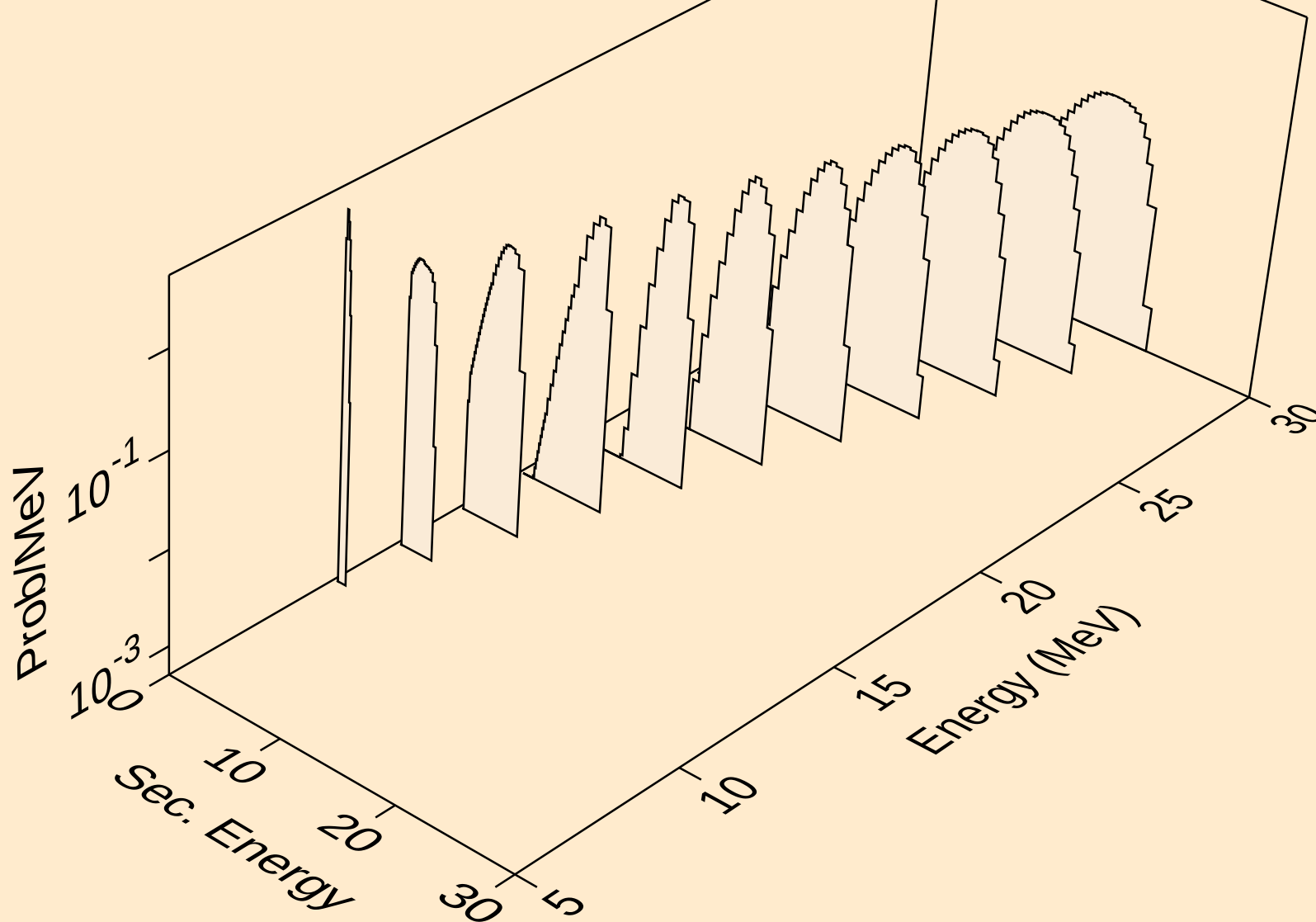


PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

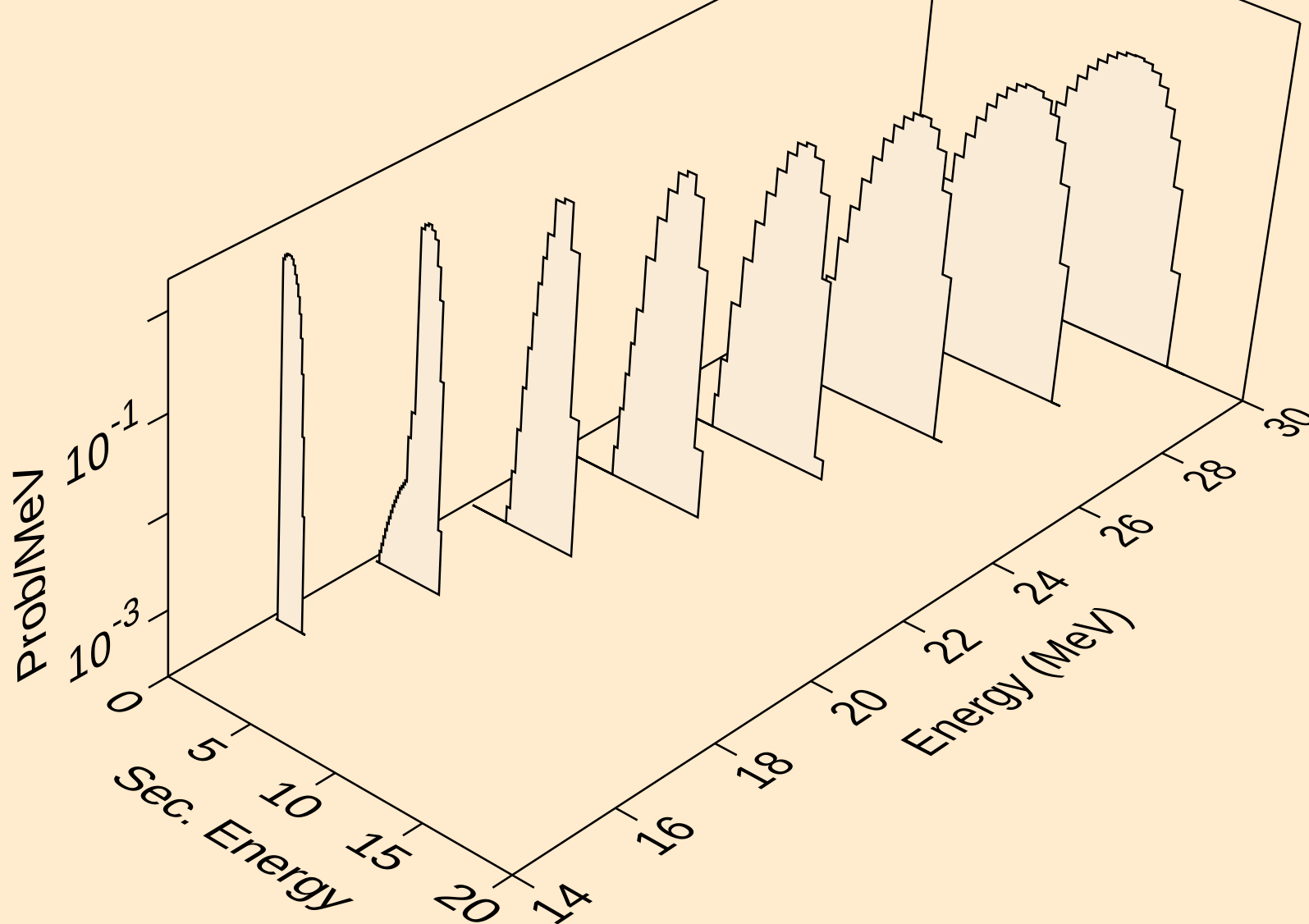
Proton emission for (p,n\*)p



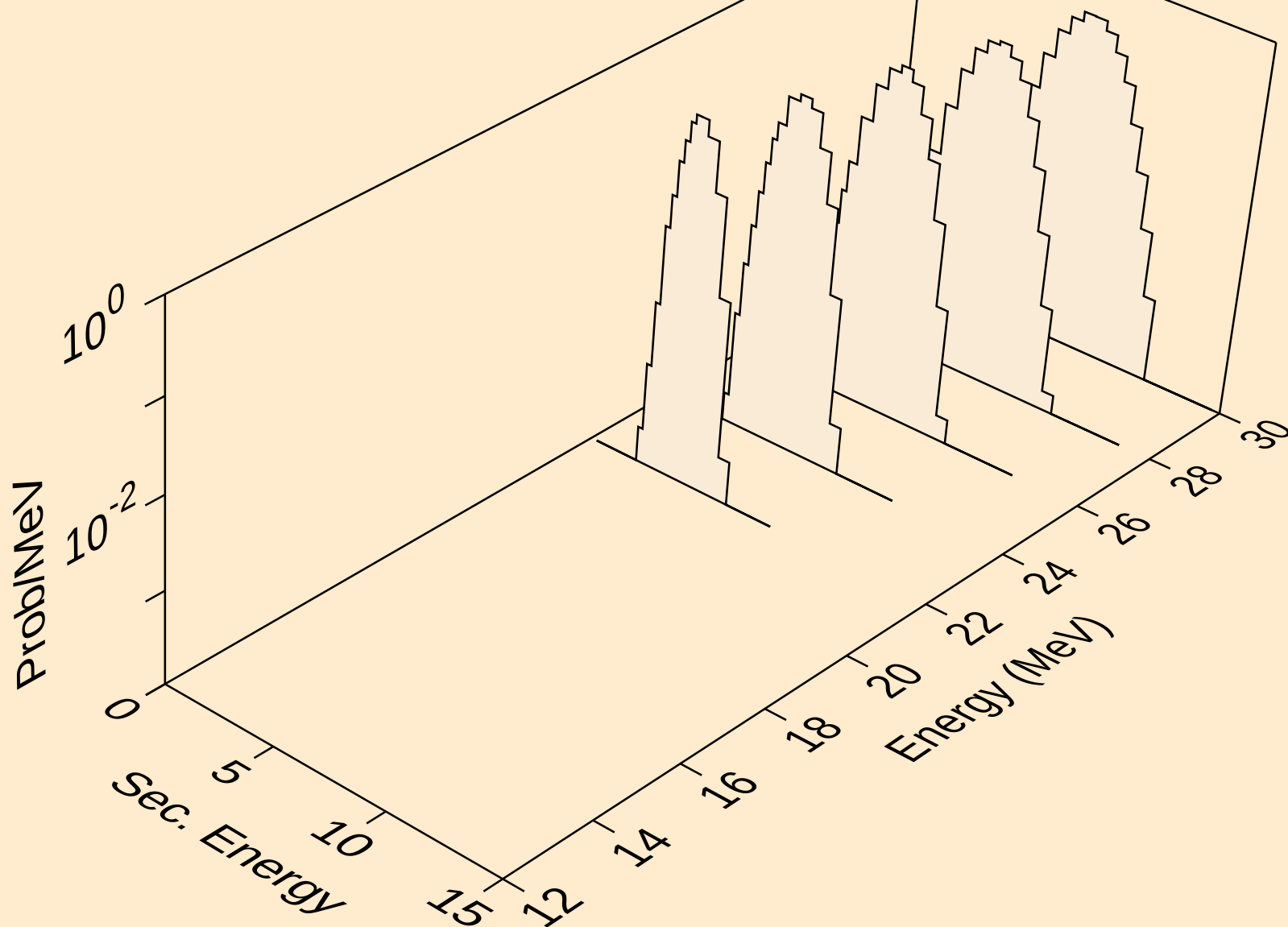
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



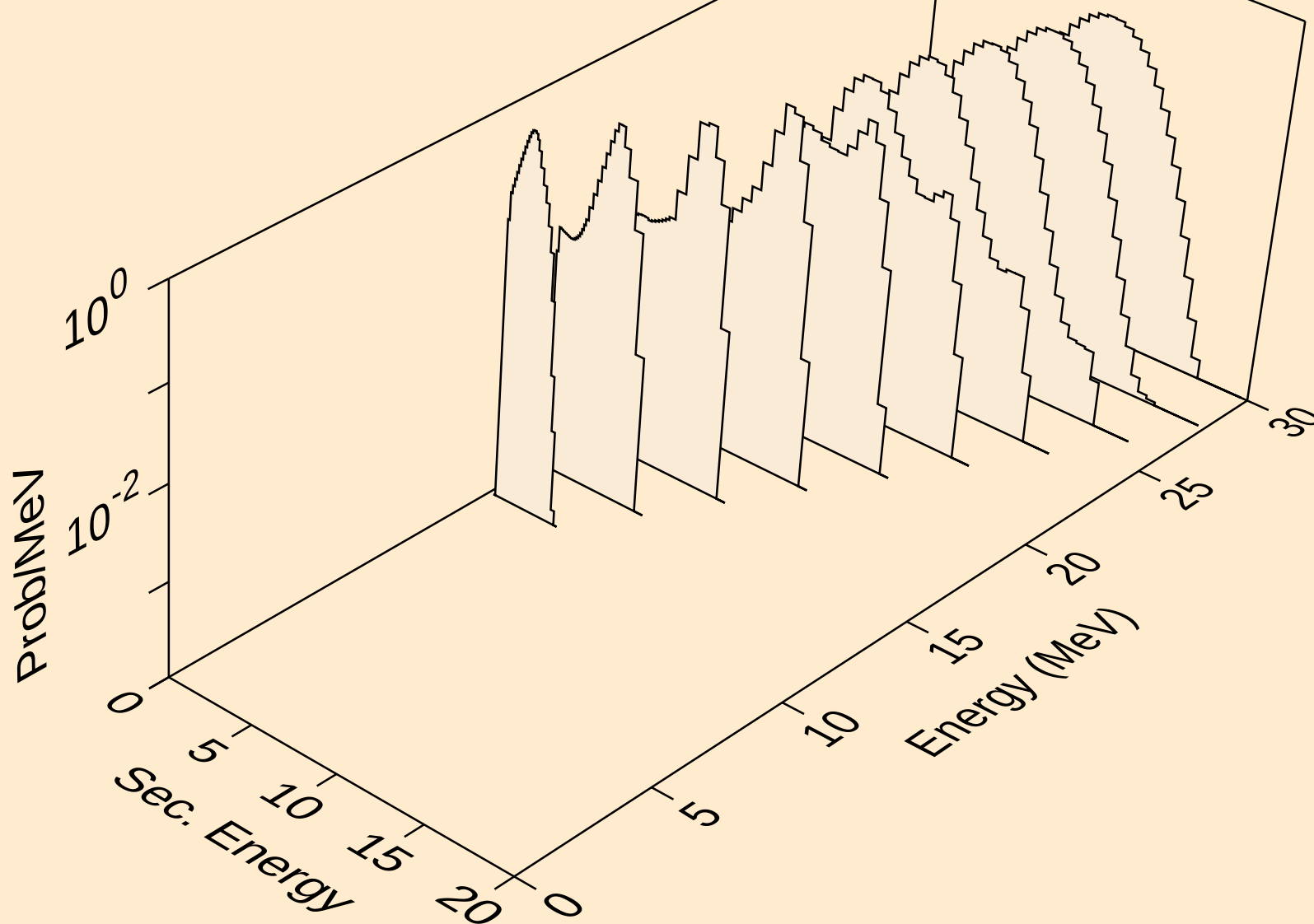
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



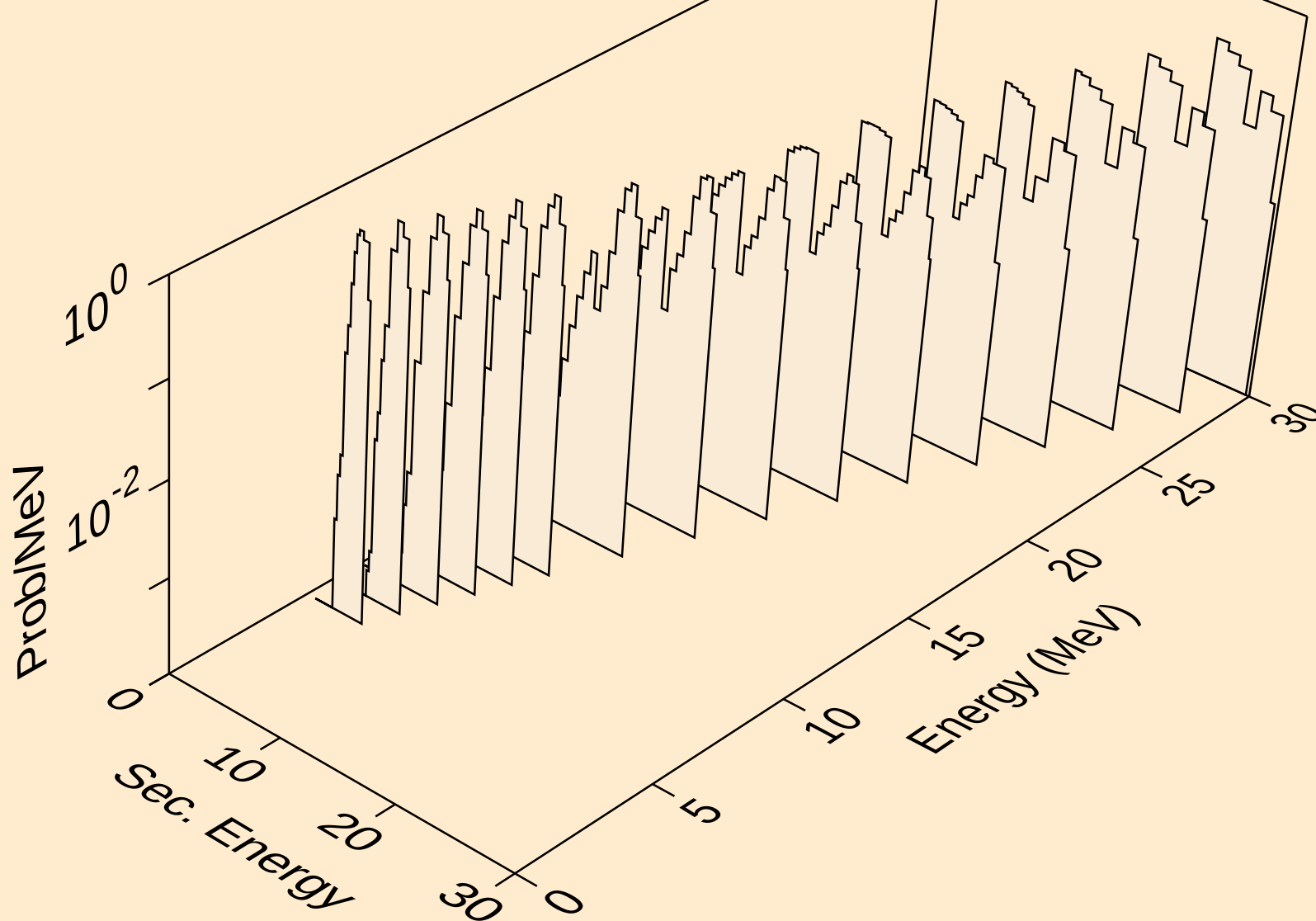
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,npa)

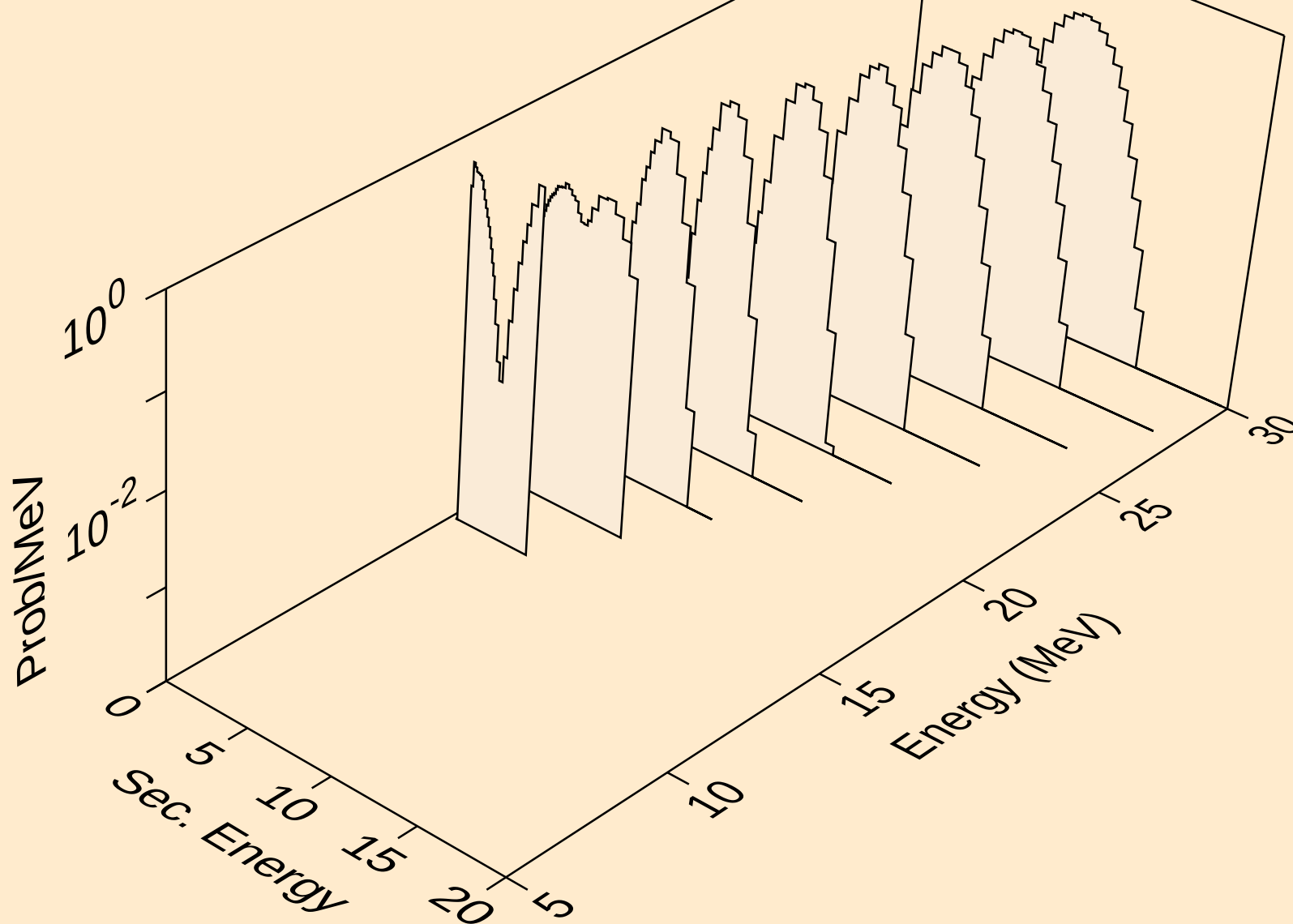


PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic

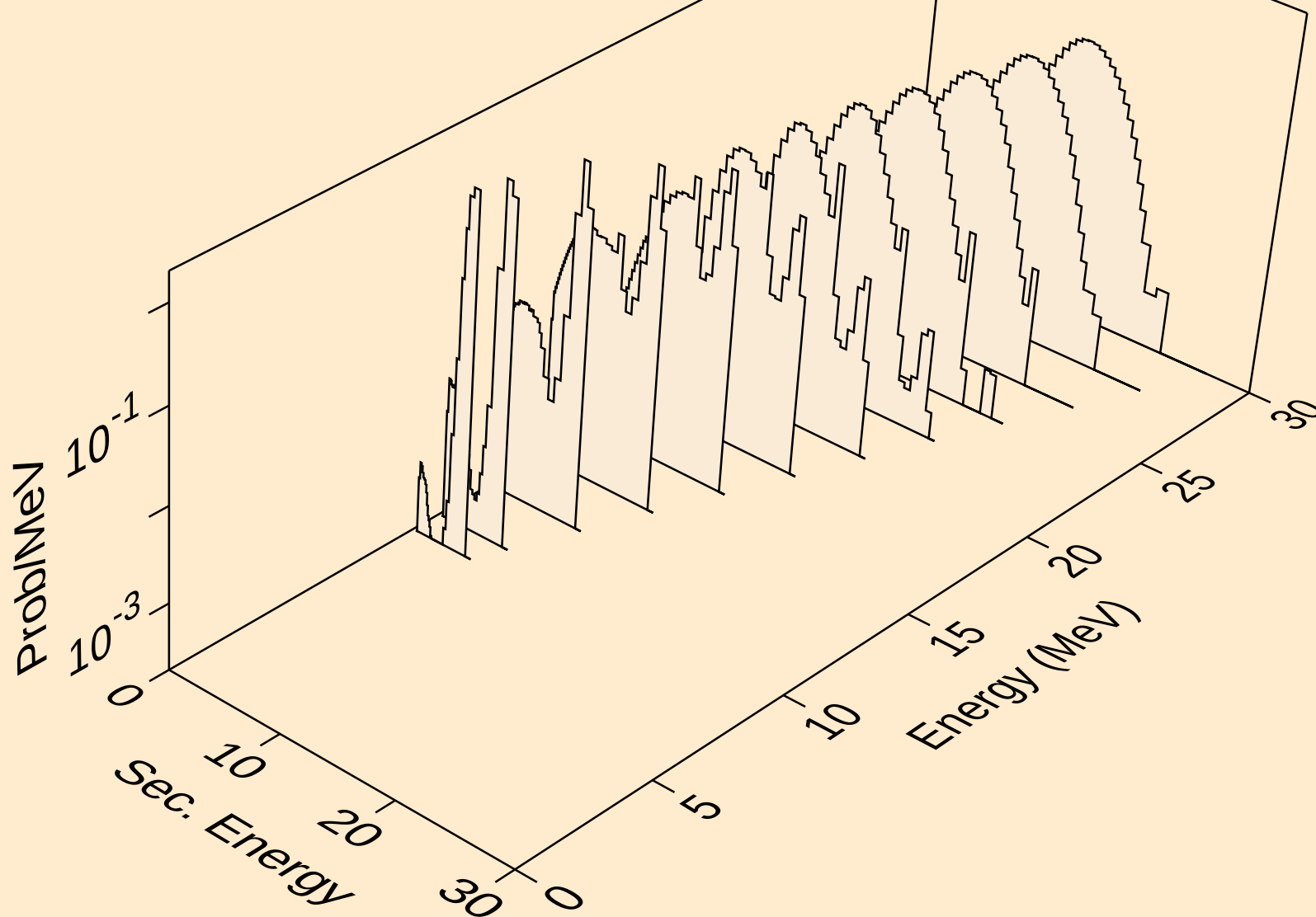


PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

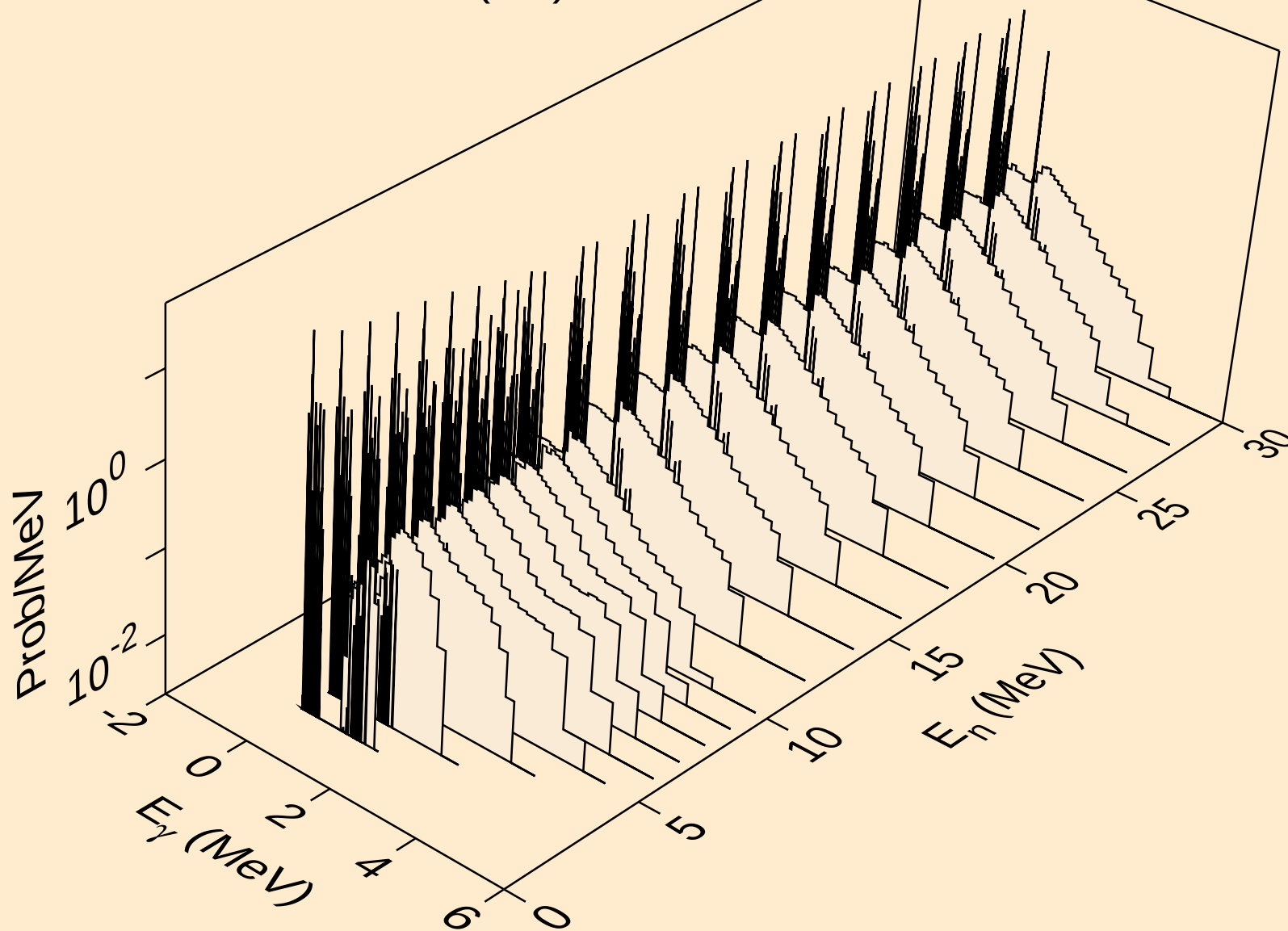
Proton emission for (p,2p)



PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pa)

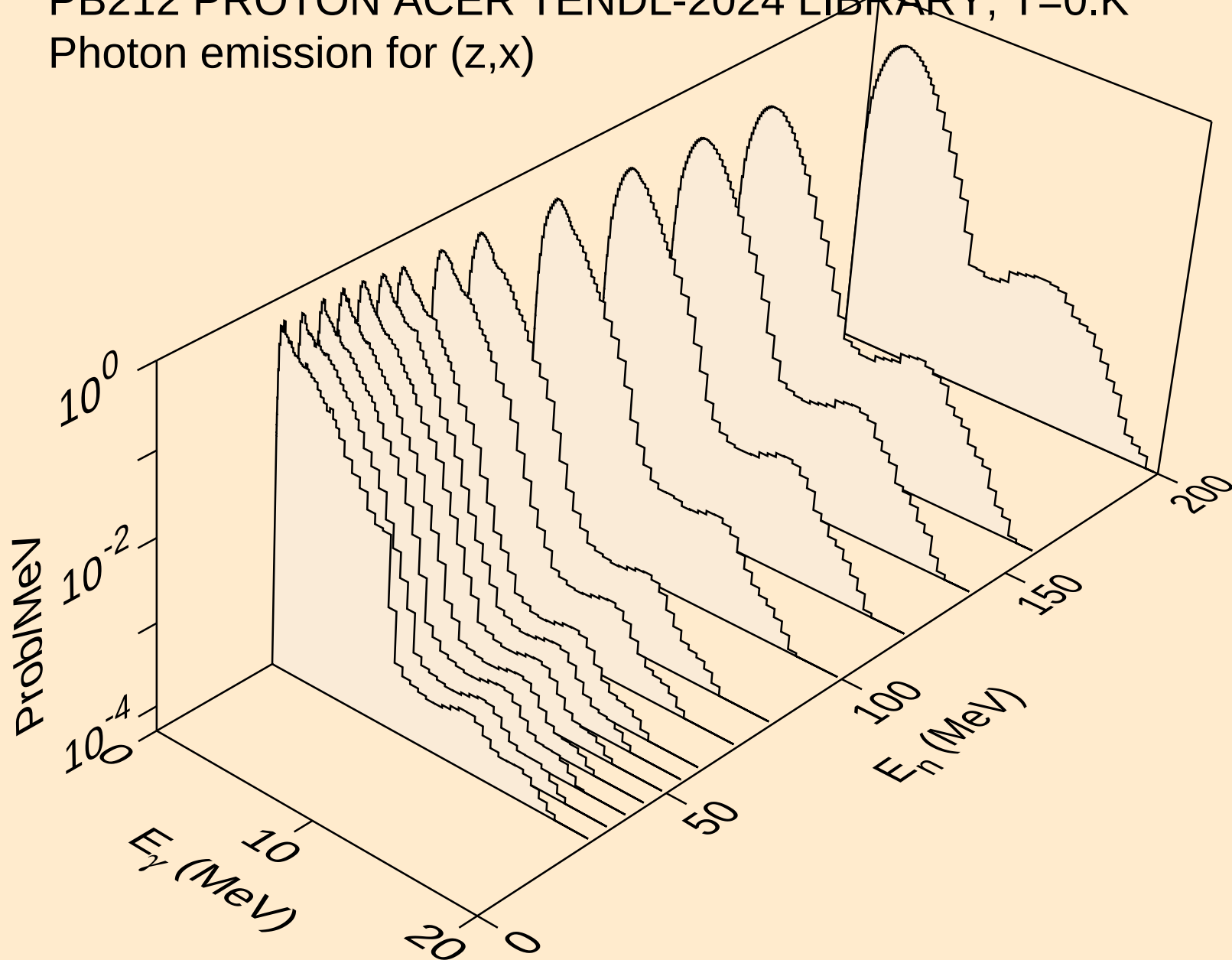


PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (z,n)

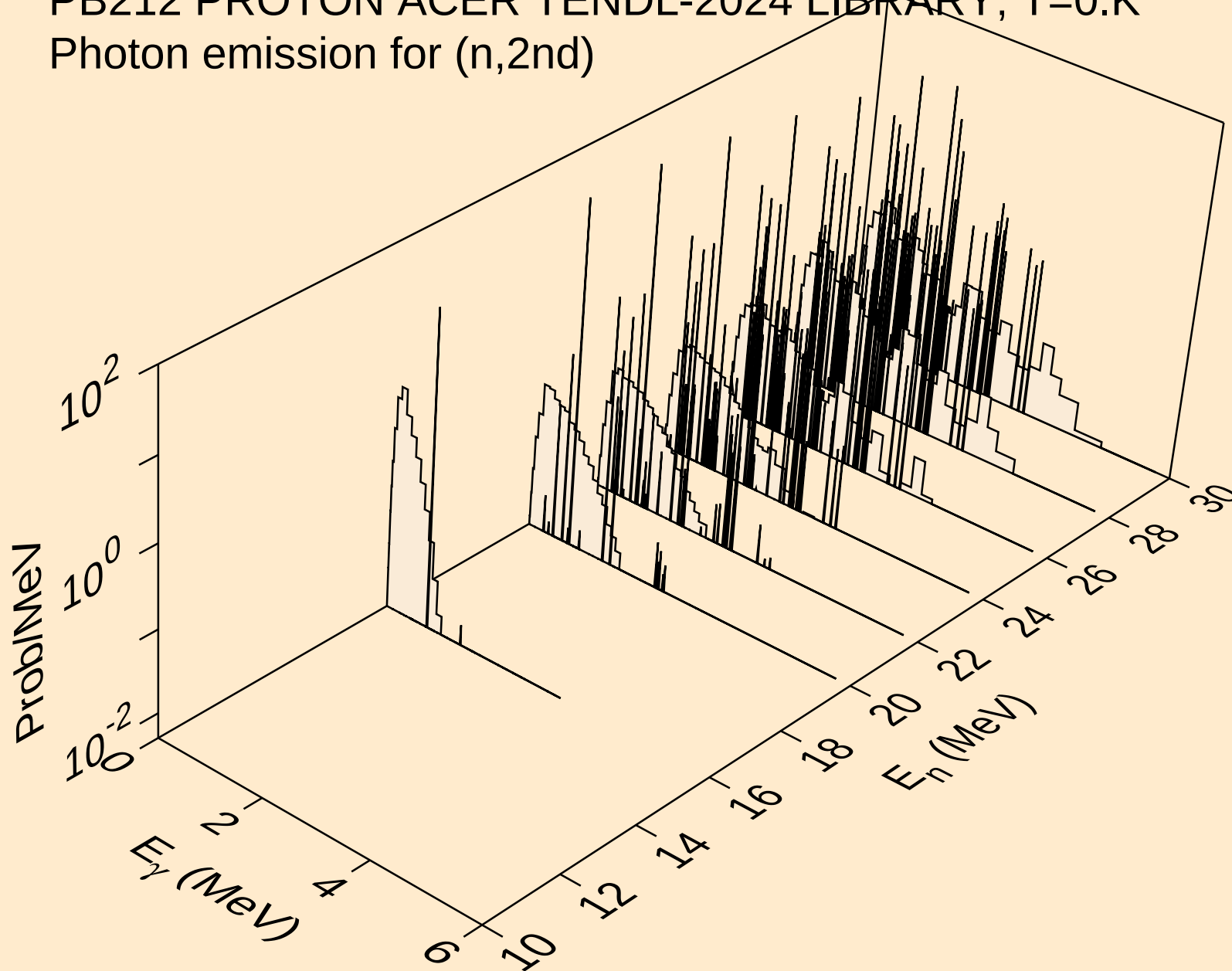


PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$

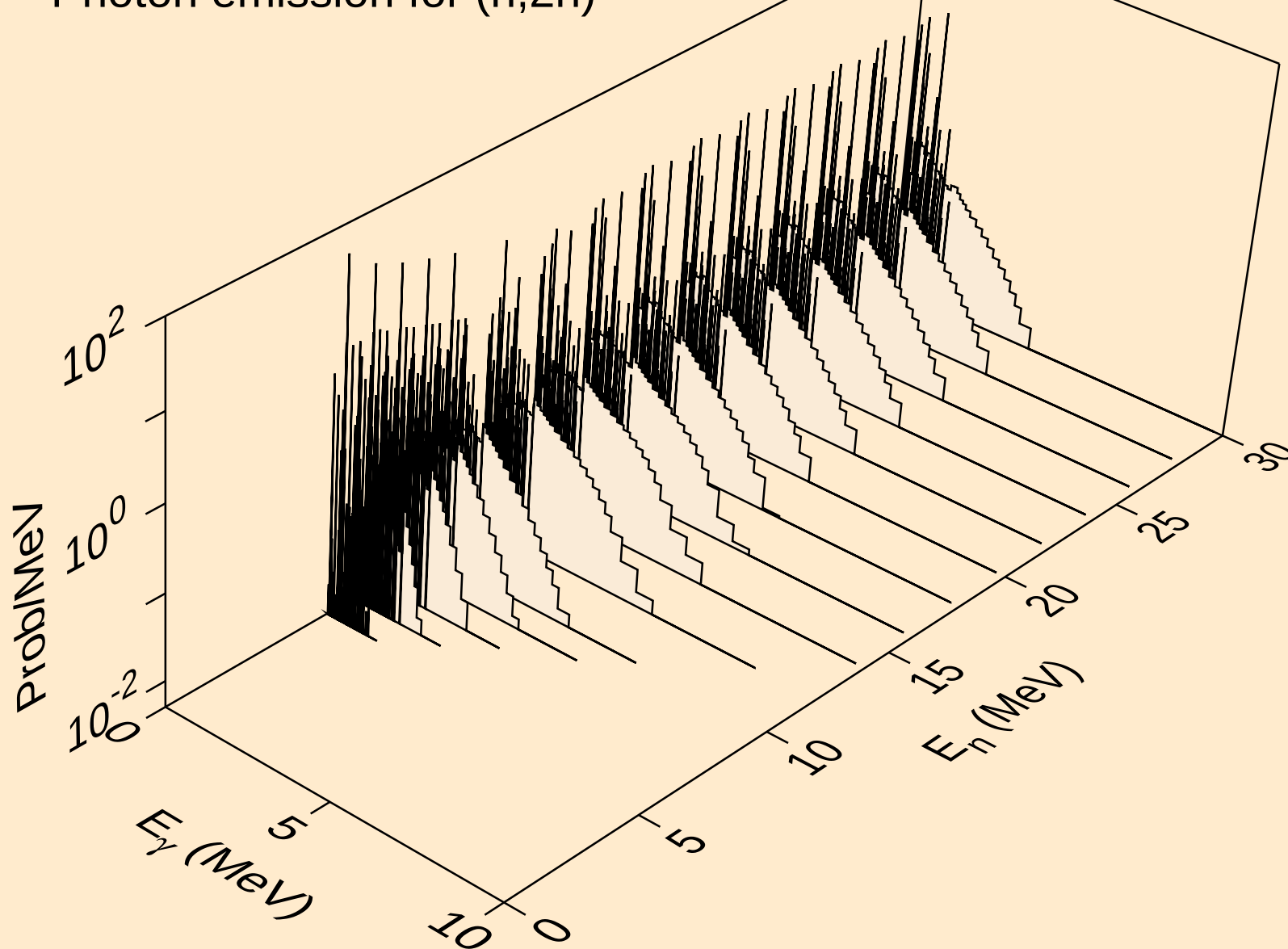
Photon emission for (z,x)



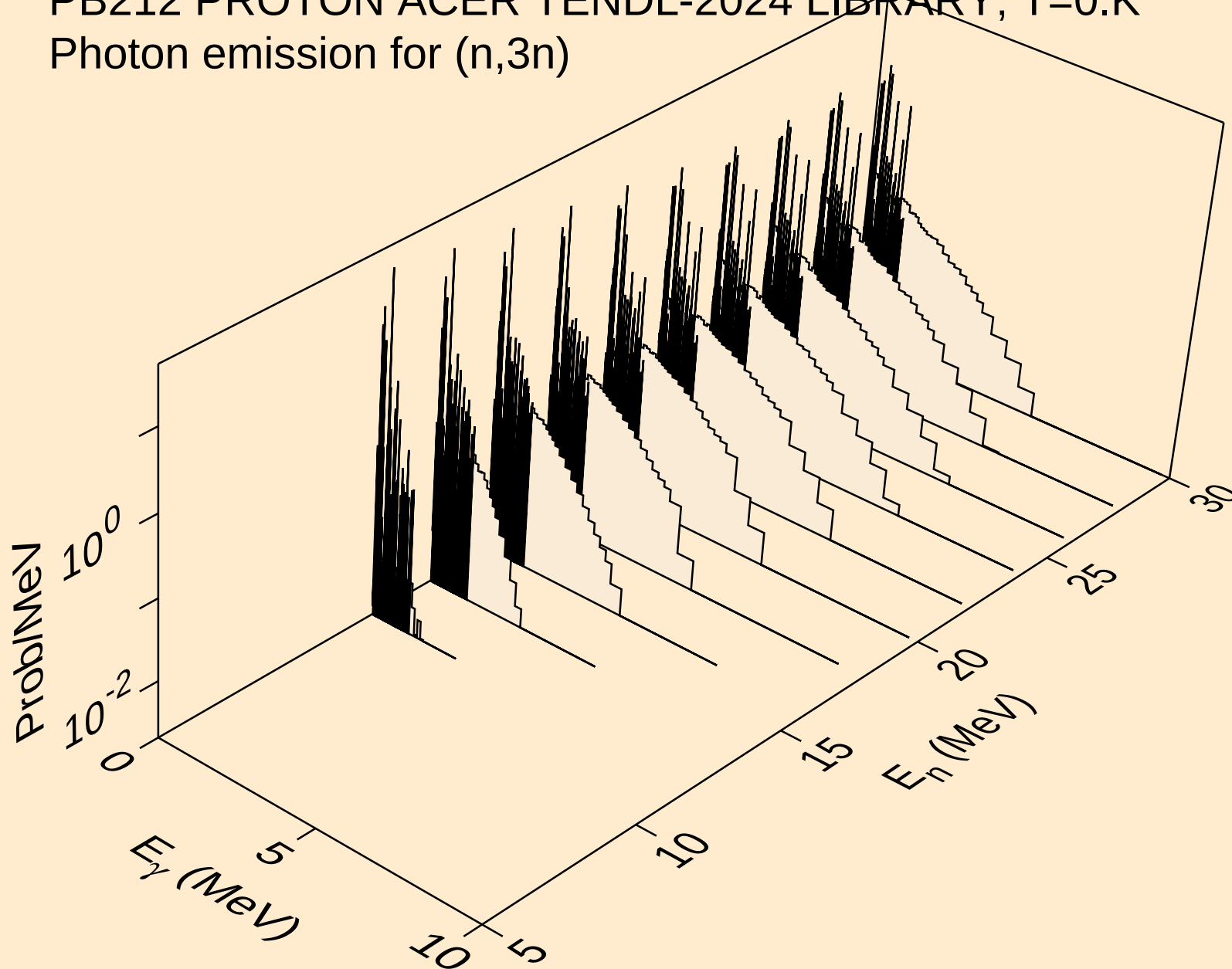
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2nd)



PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2n)

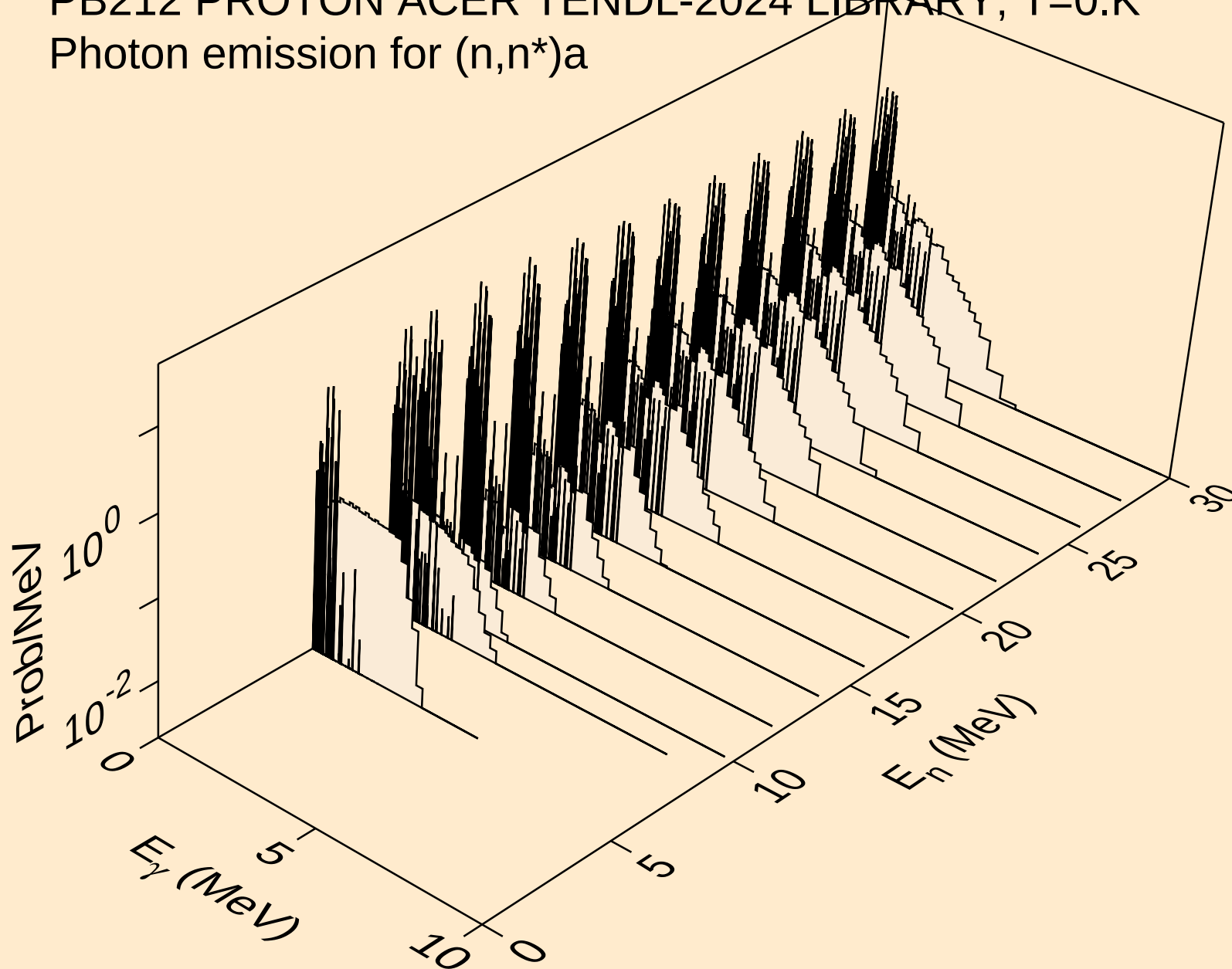


PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,3n)



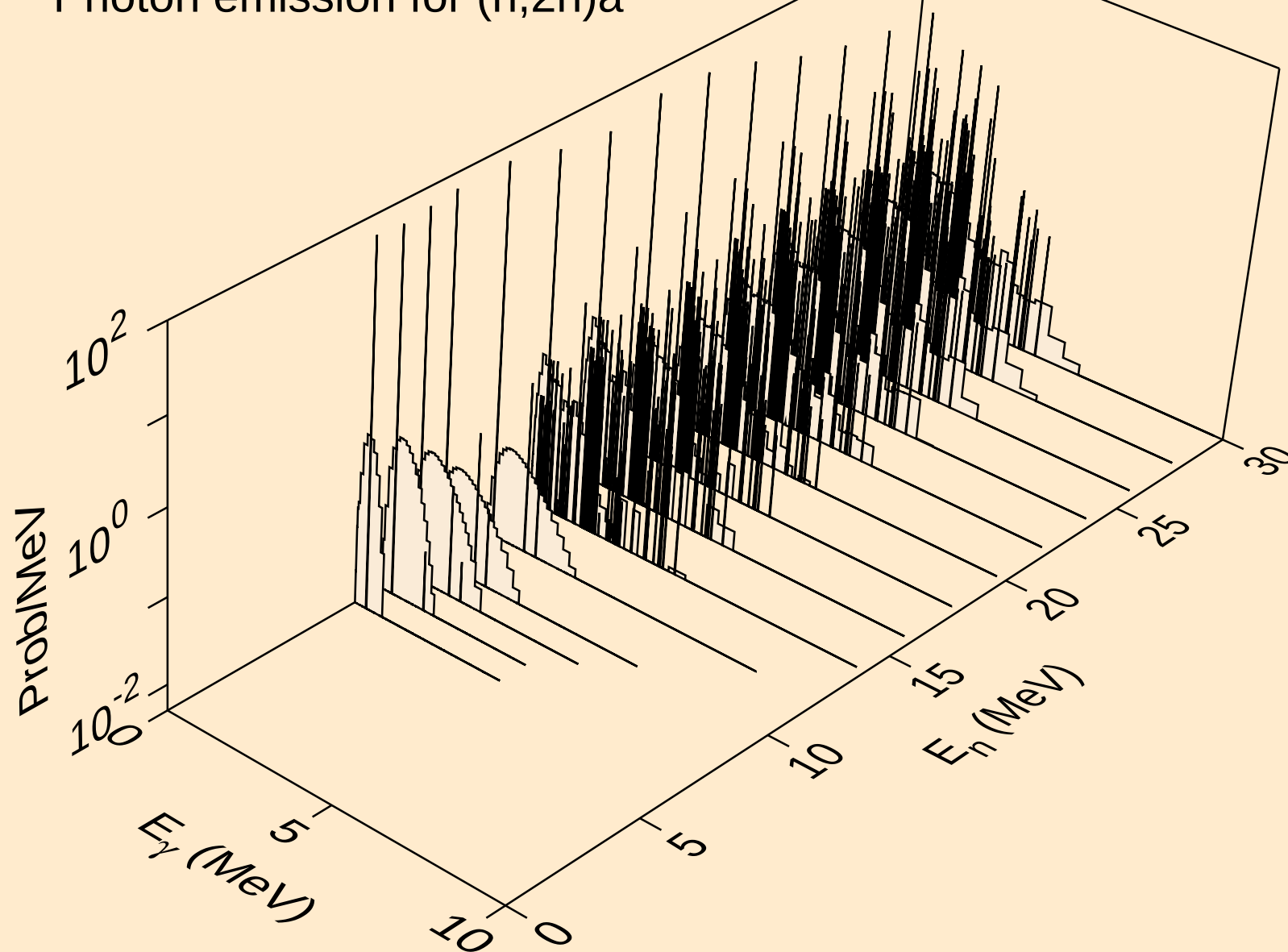
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



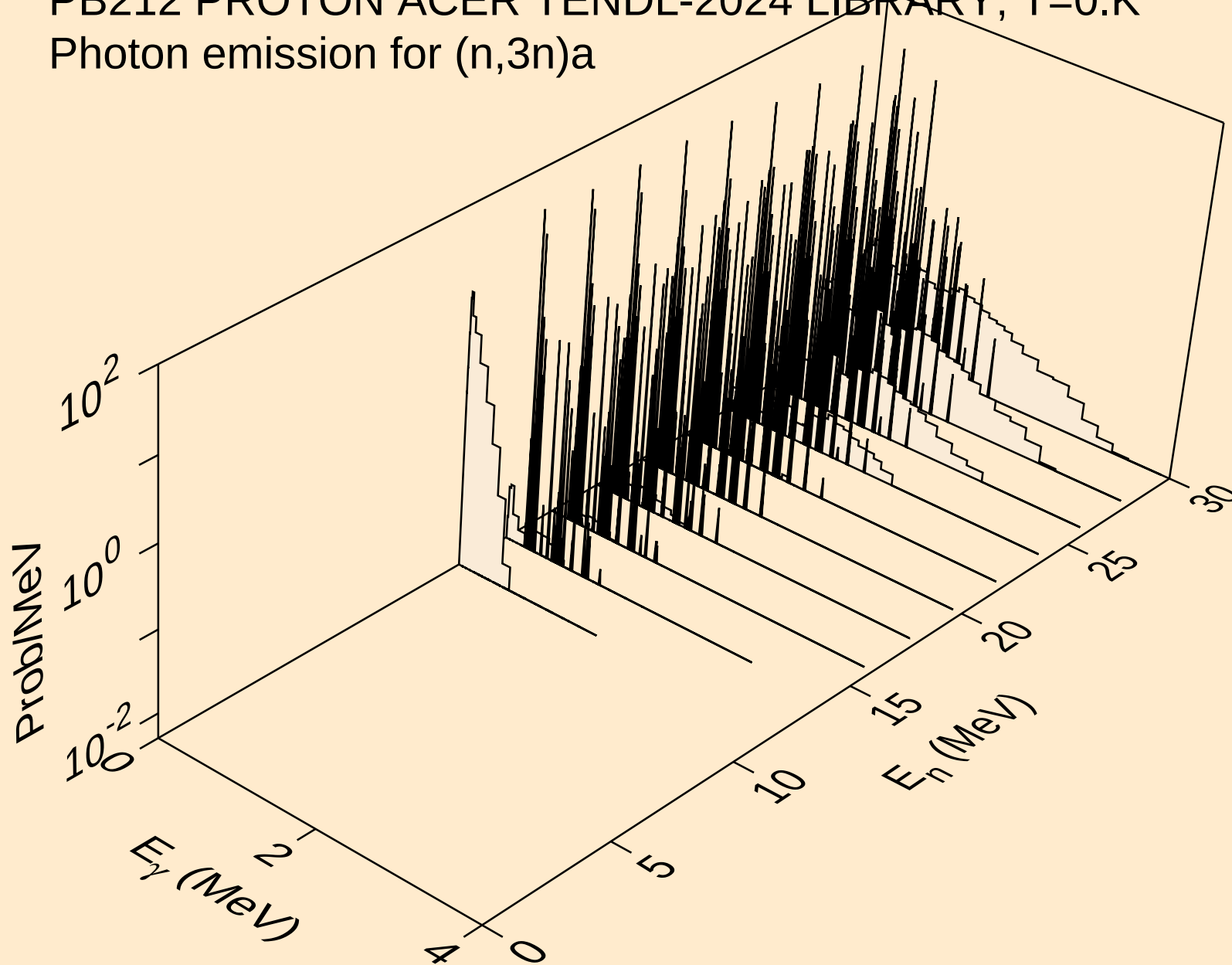
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$

Photon emission for  $(n,2n)\alpha$



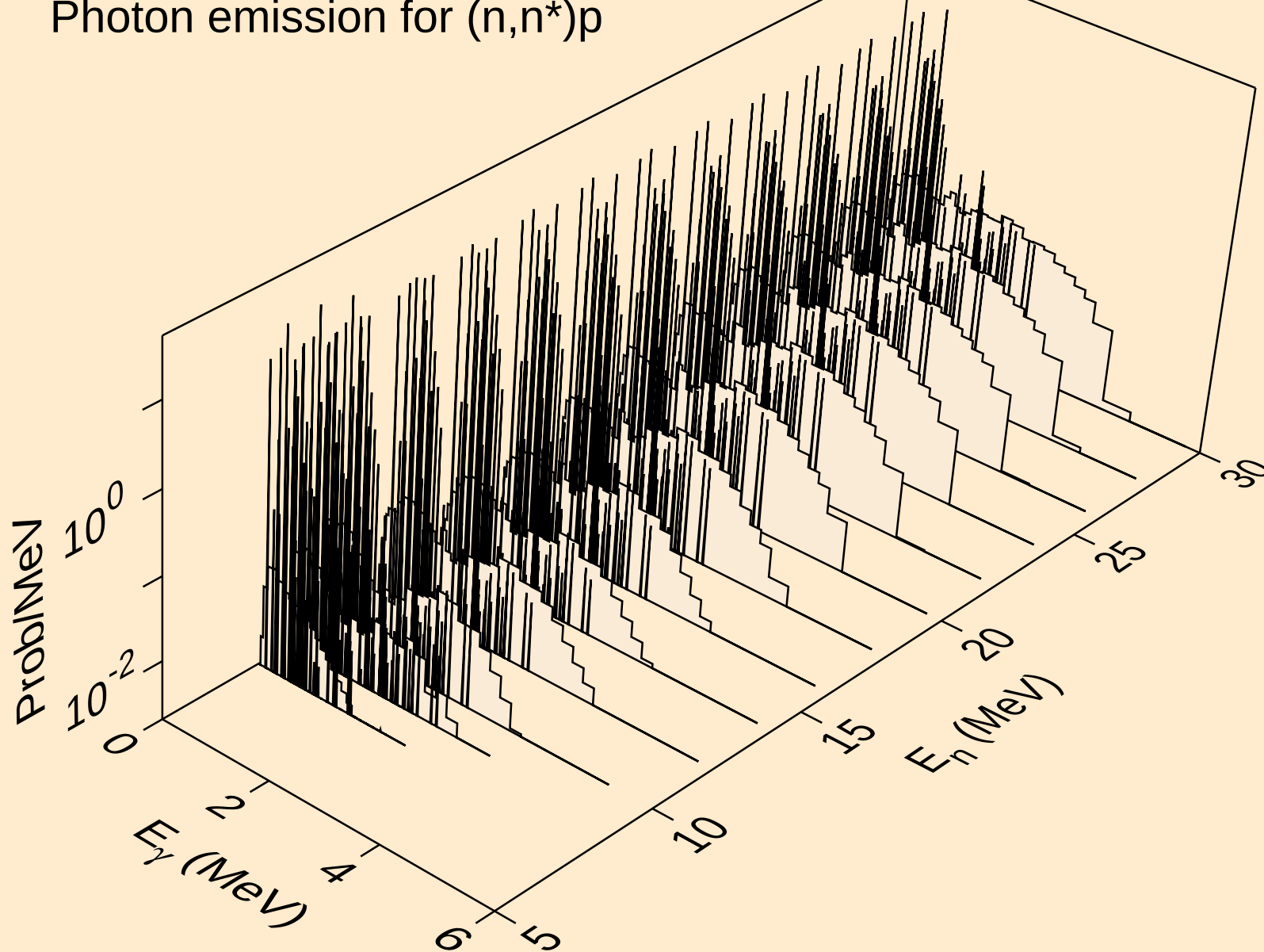
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$

Photon emission for  $(n,3n)\alpha$



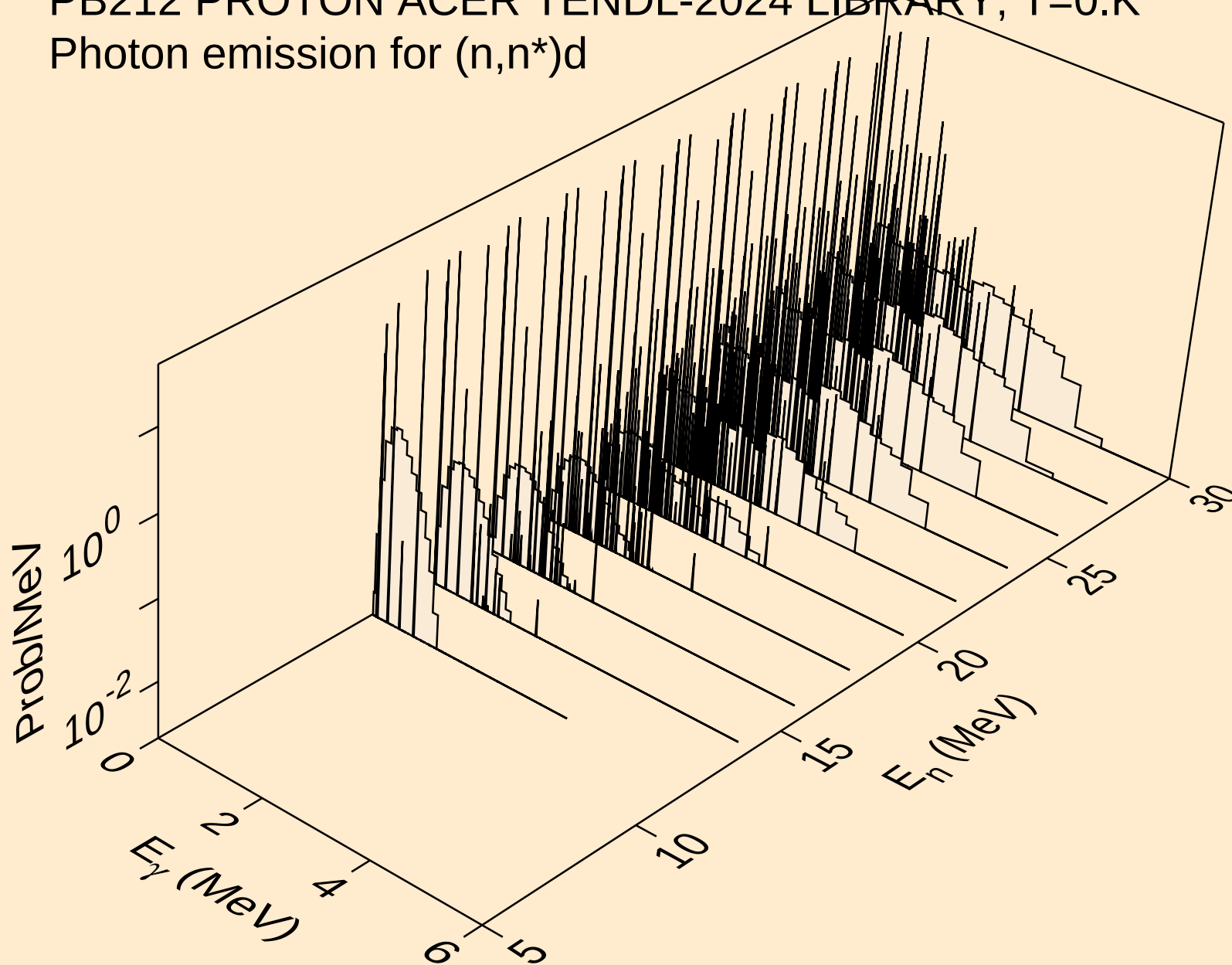
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$

Photon emission for  $(n,n^*)p$



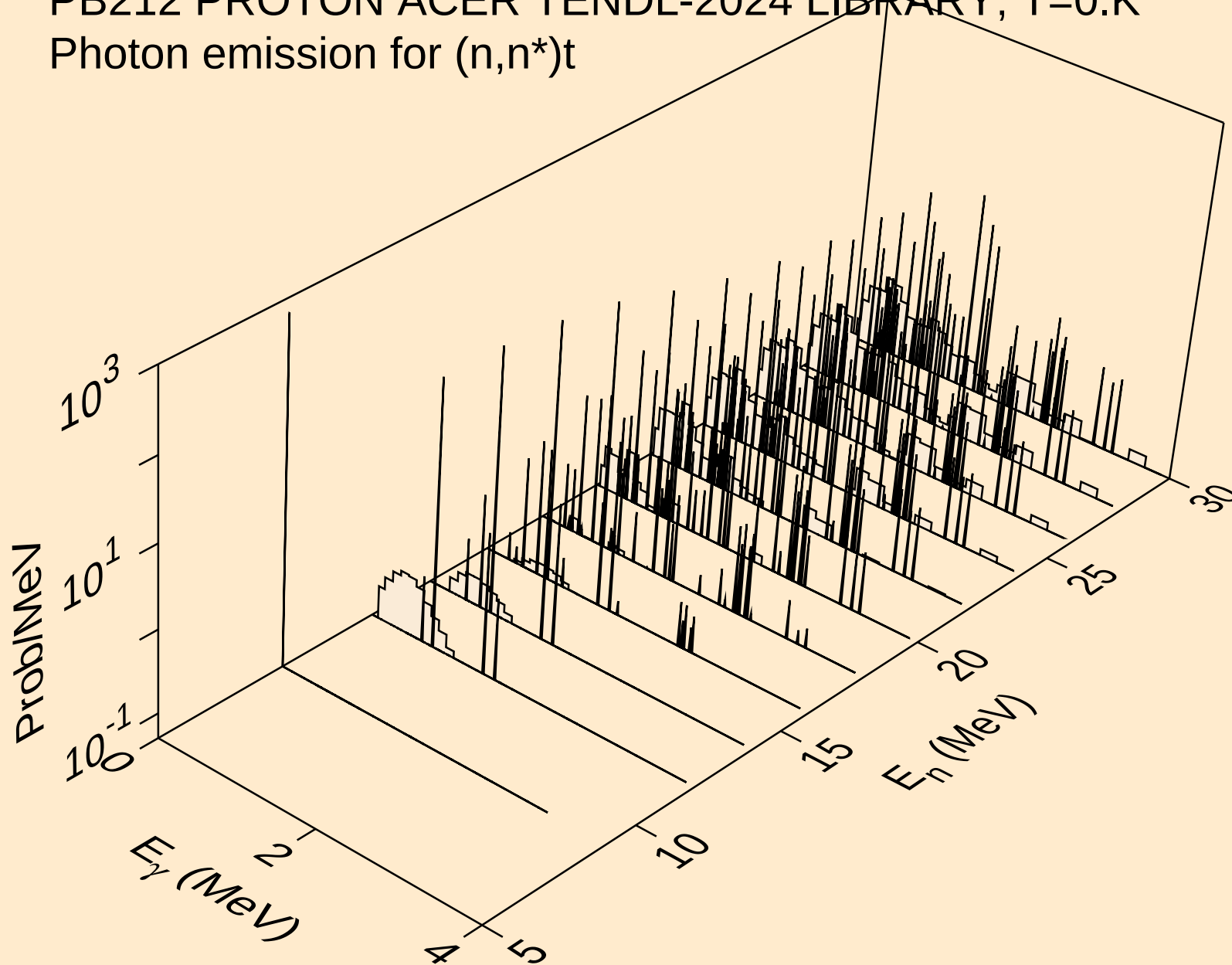
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$

Photon emission for  $(n,n^*)d$

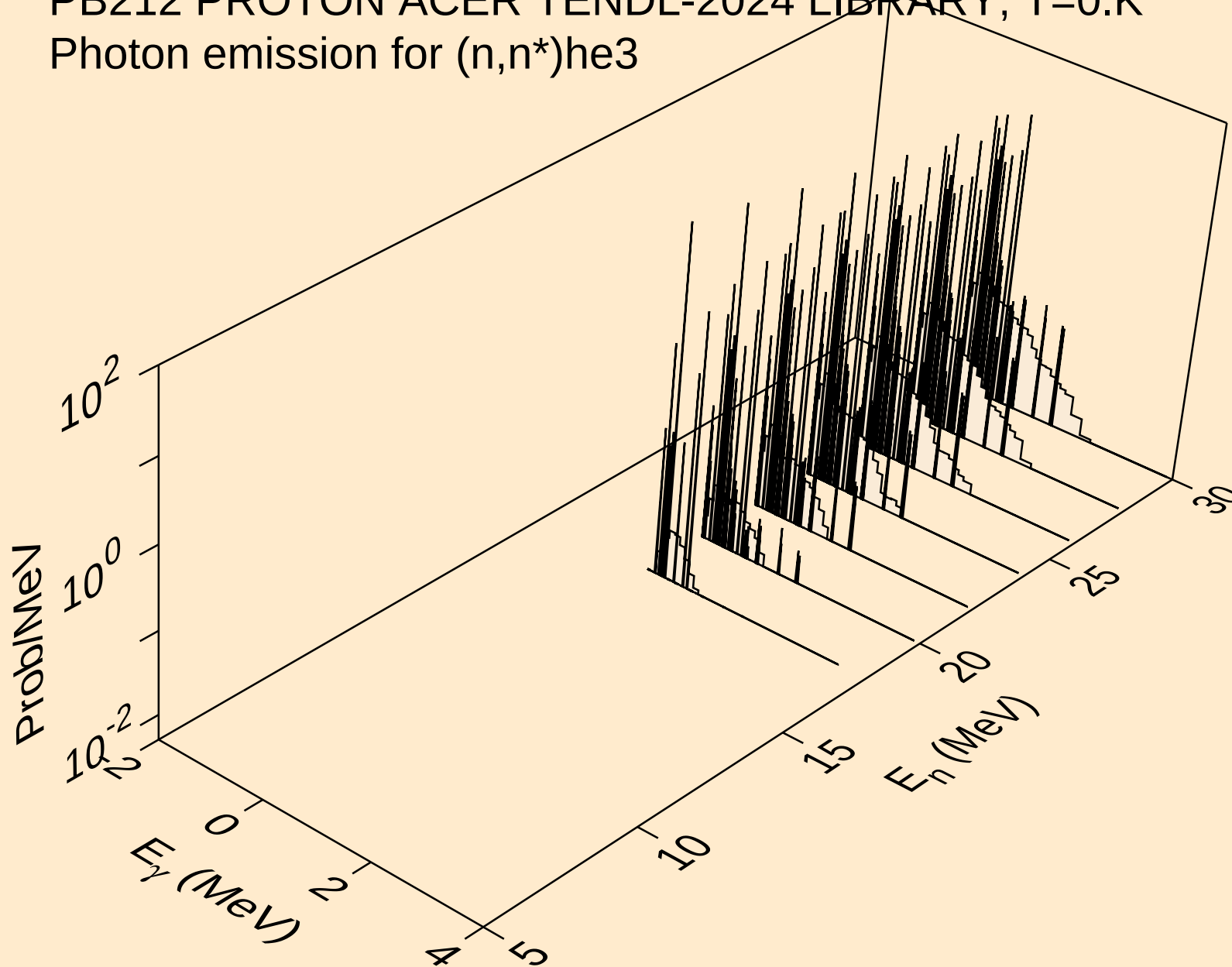


PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$

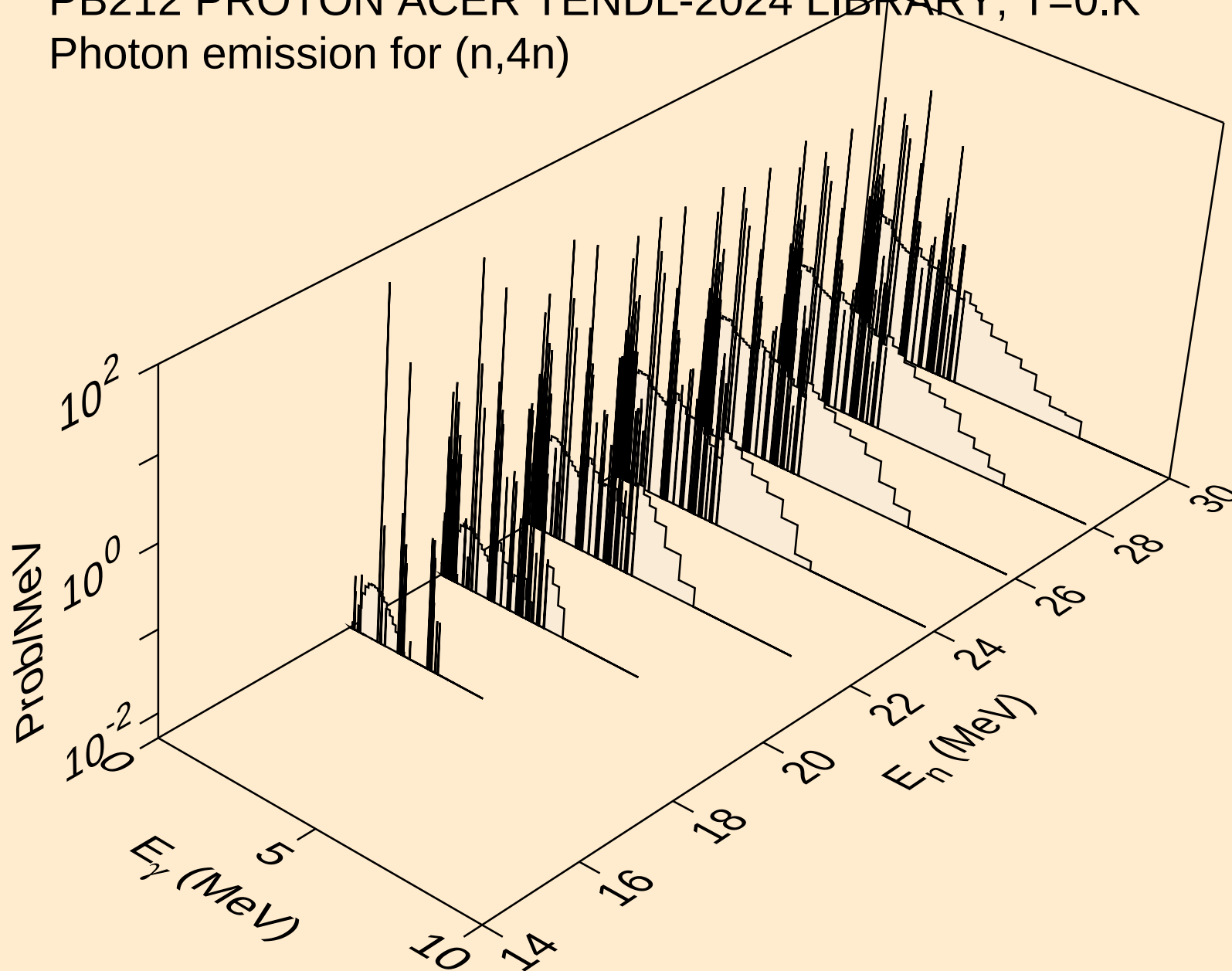
Photon emission for  $(n,n^*)t$



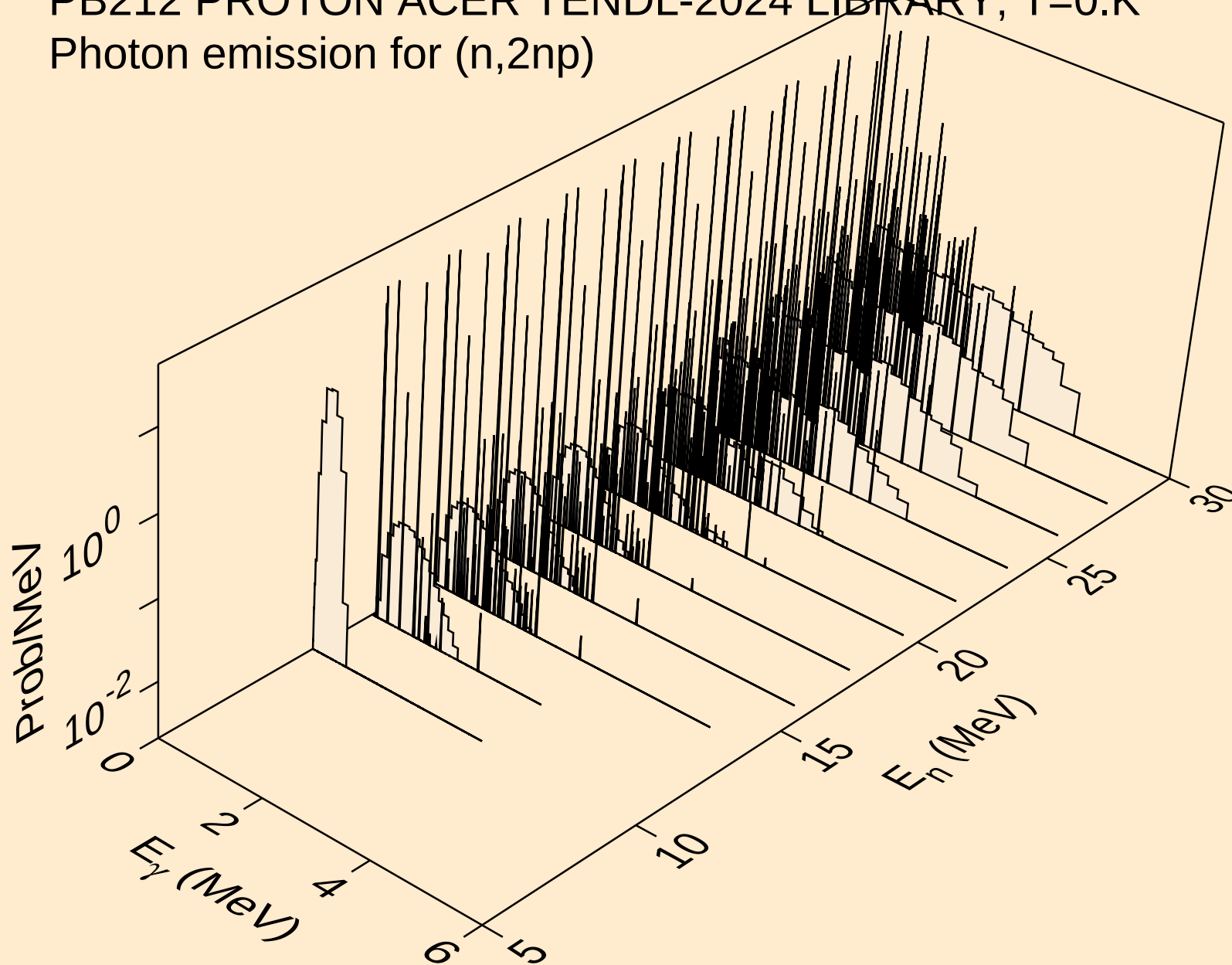
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*)\text{he3}$



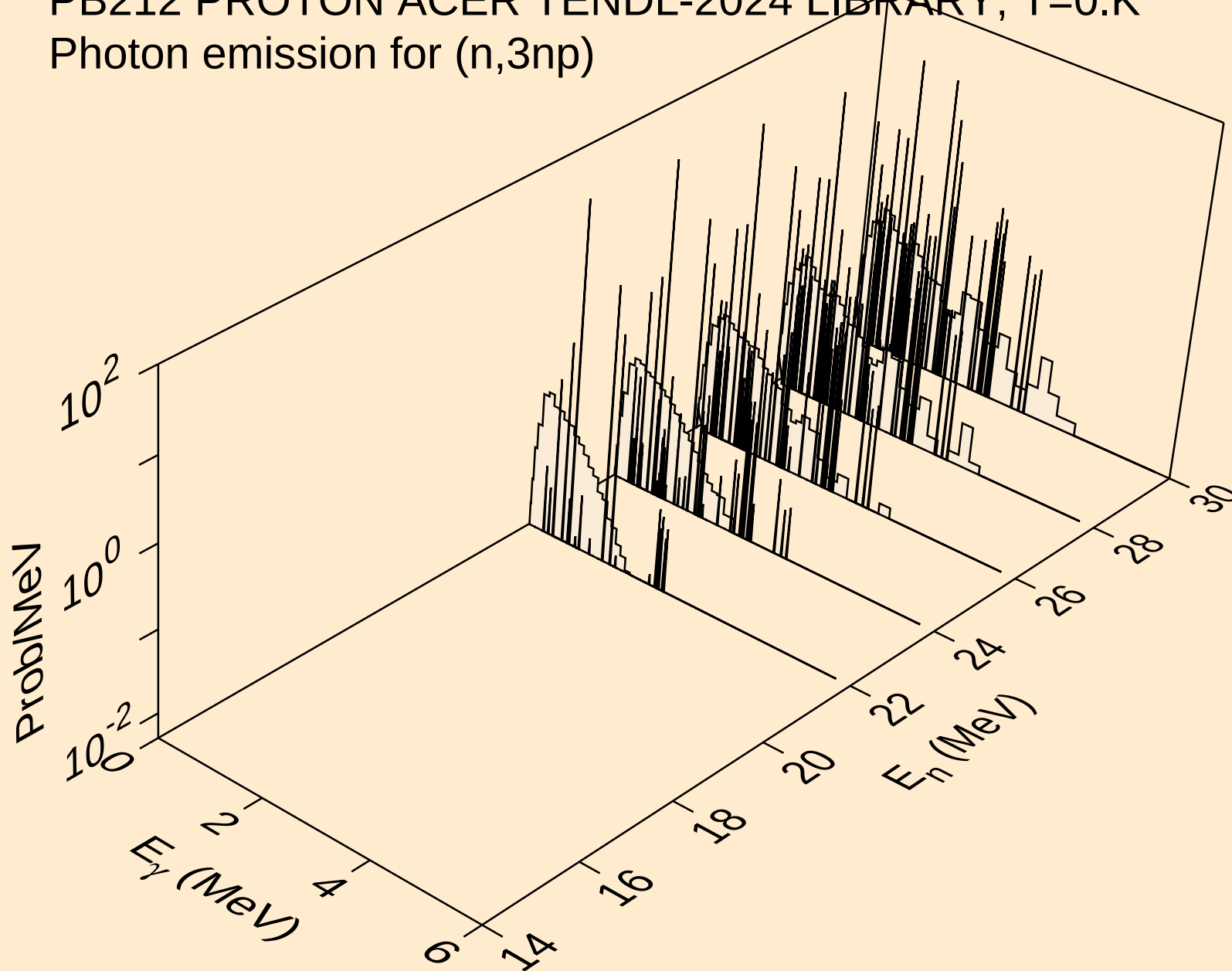
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,4n)



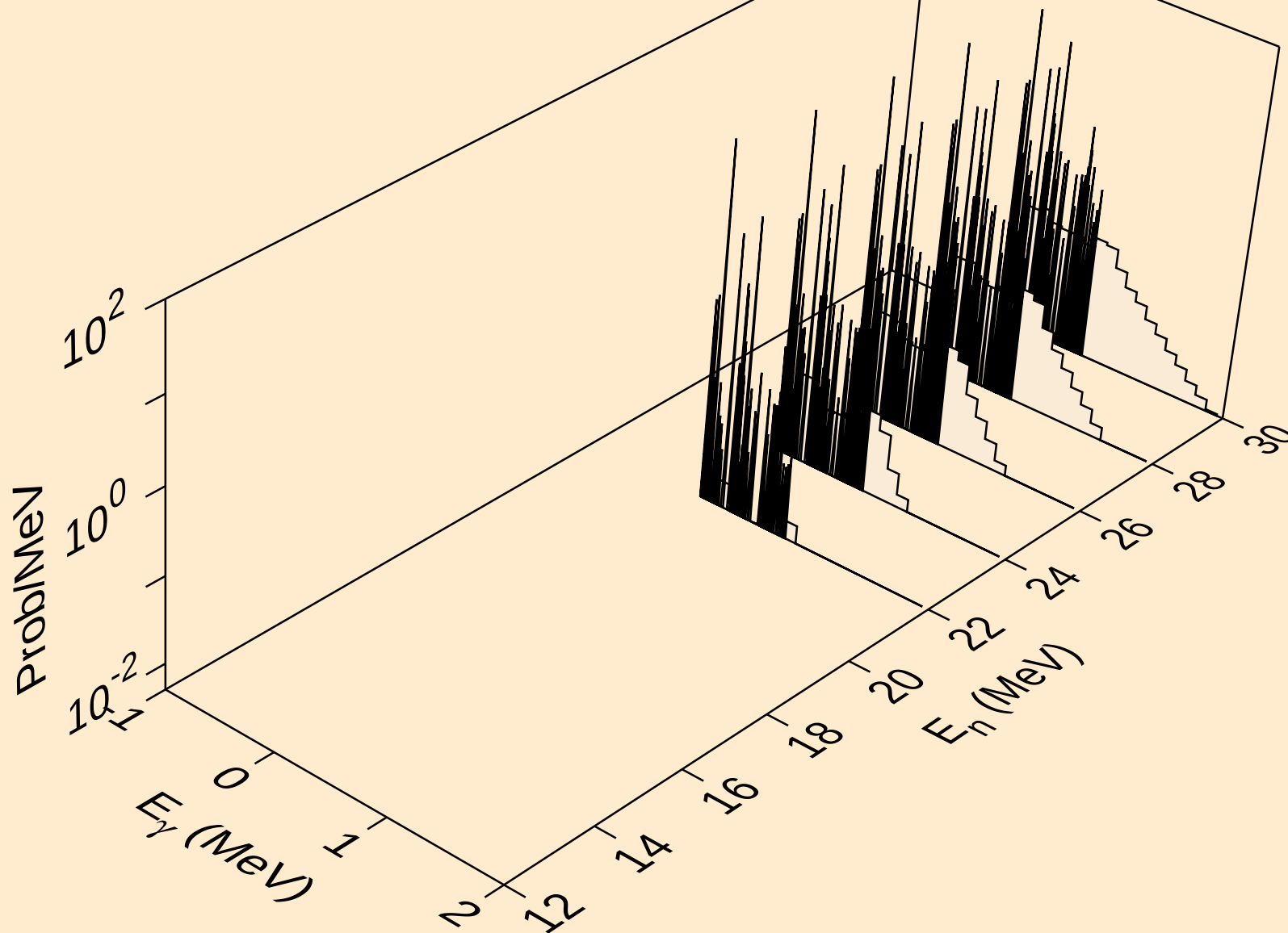
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2np)



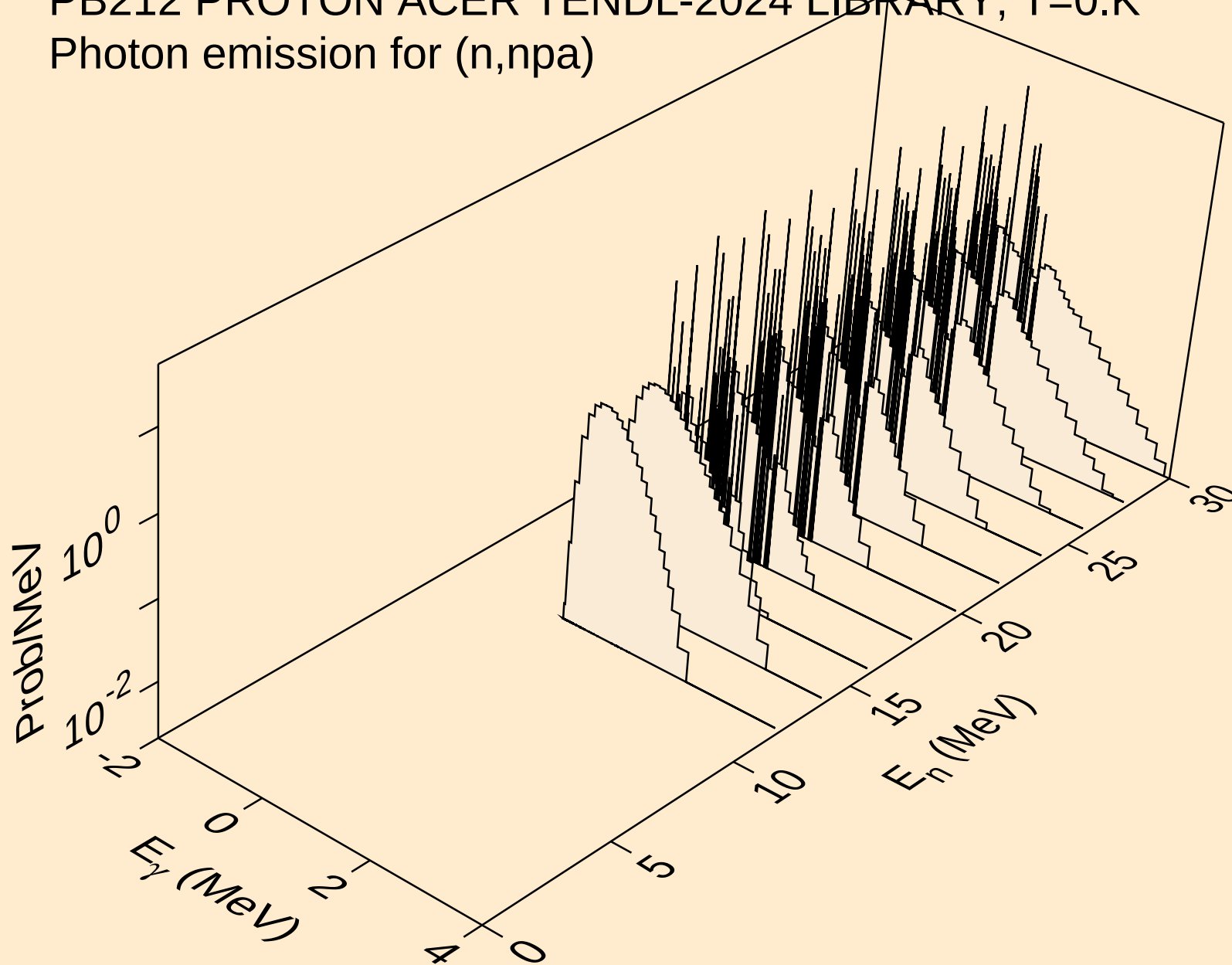
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,3np)



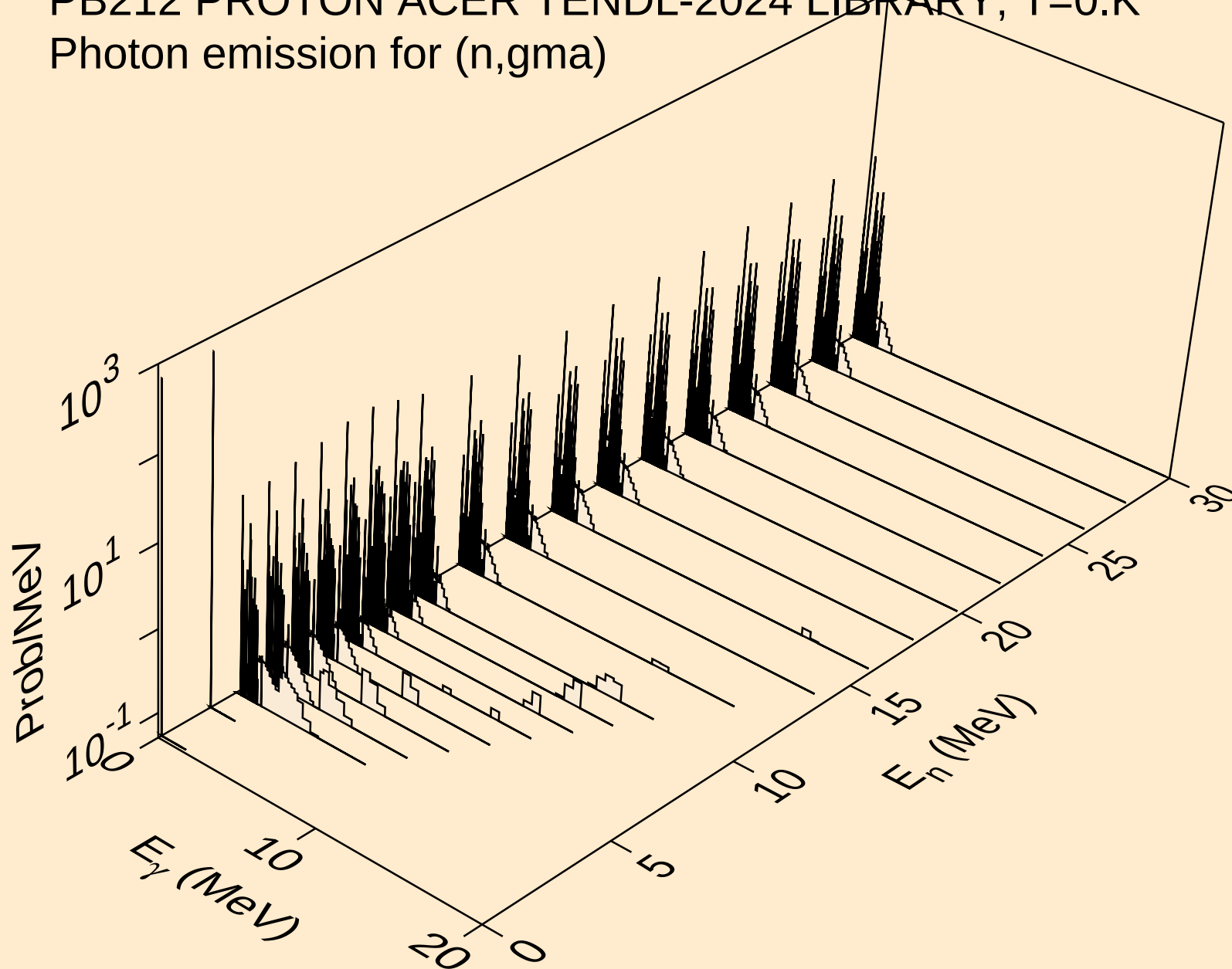
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,n2p)



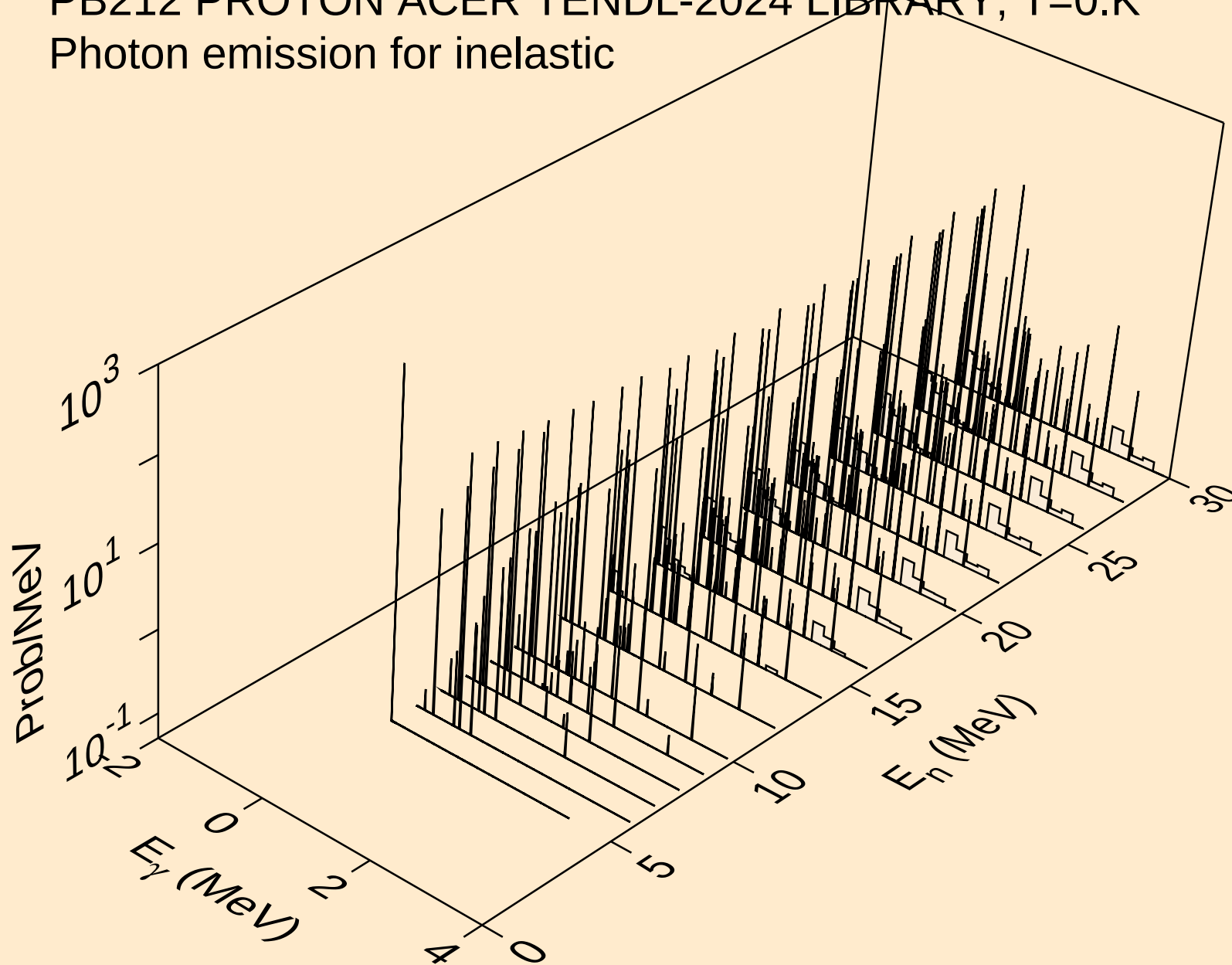
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,npa)



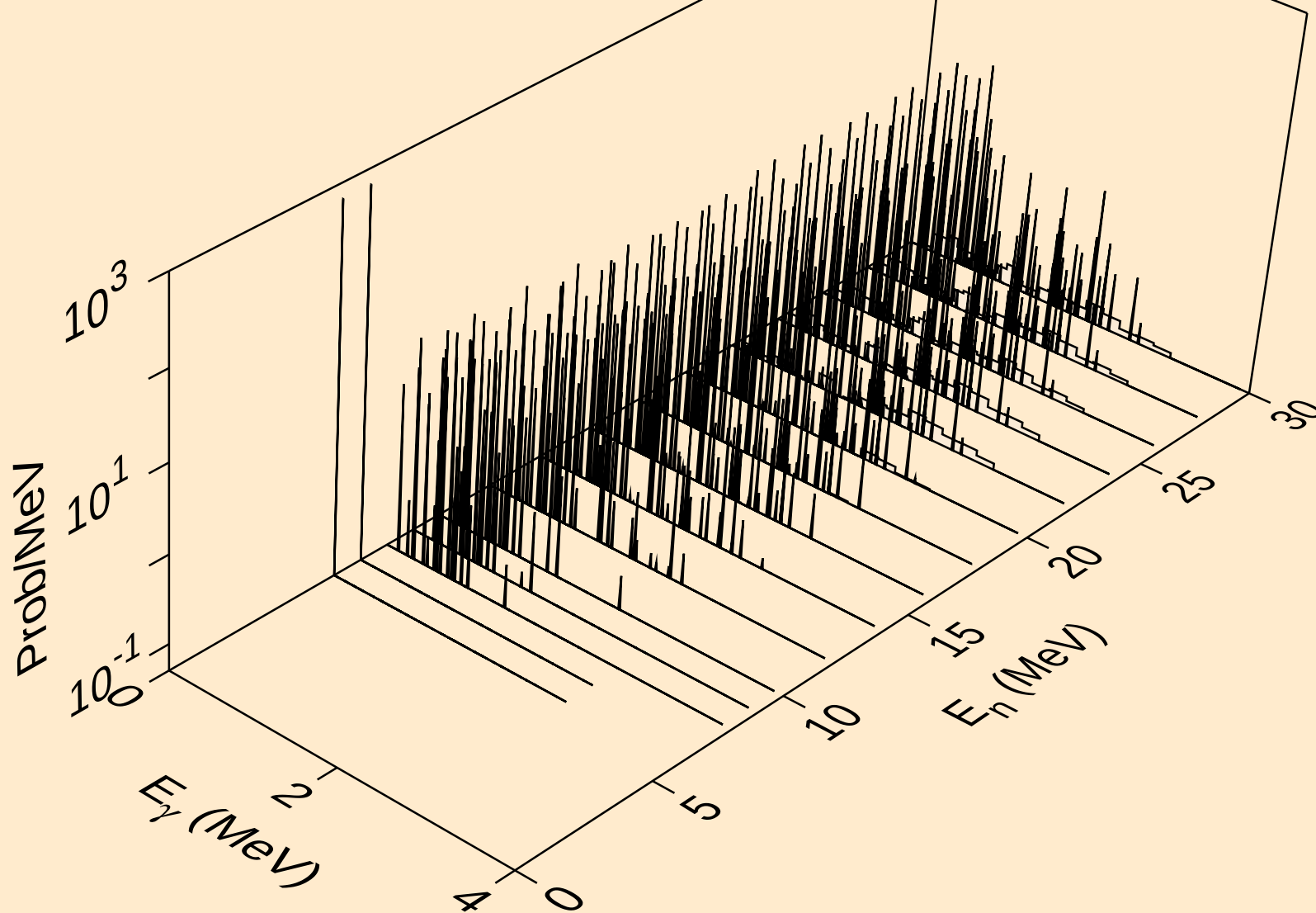
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,gma)



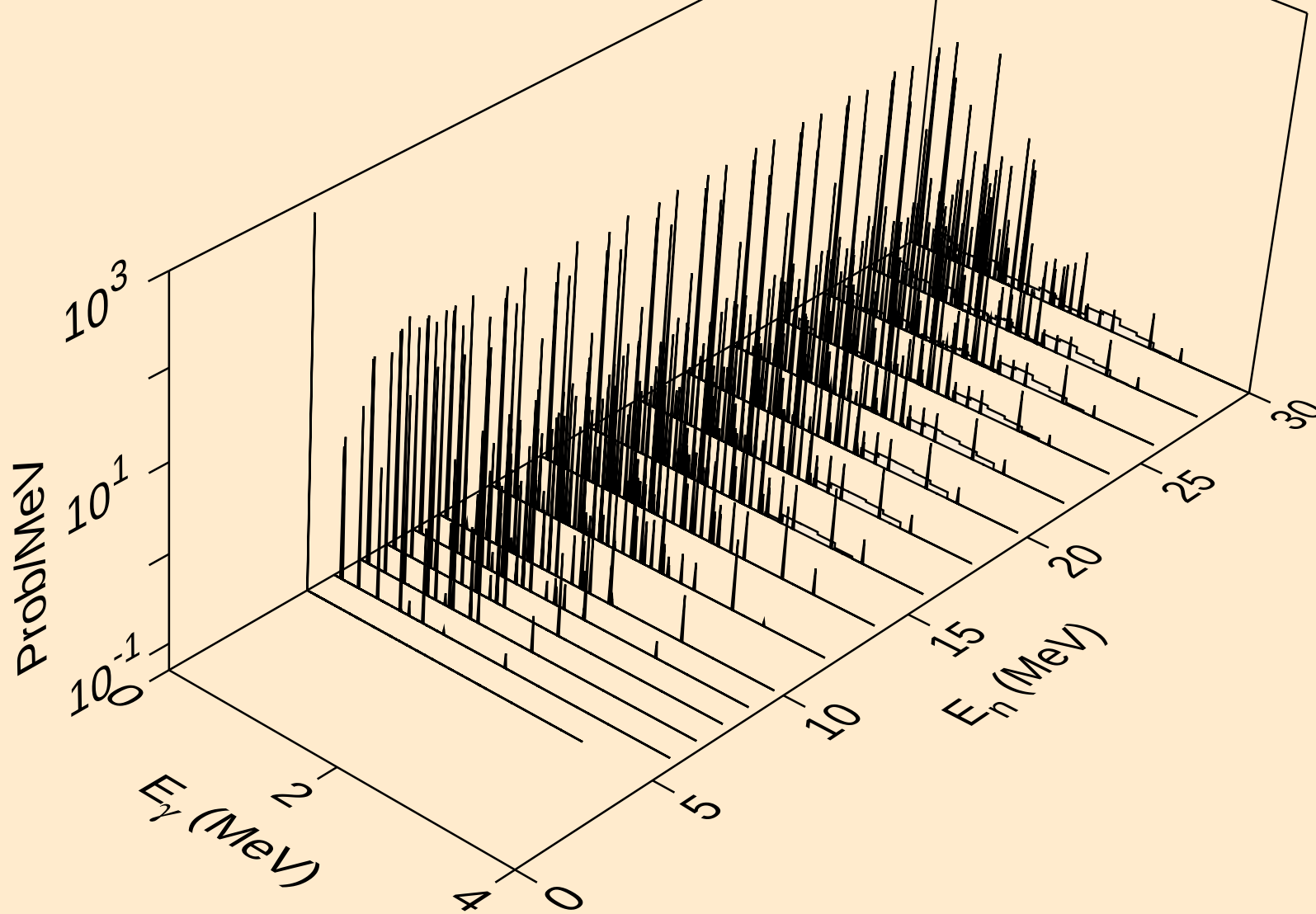
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for inelastic



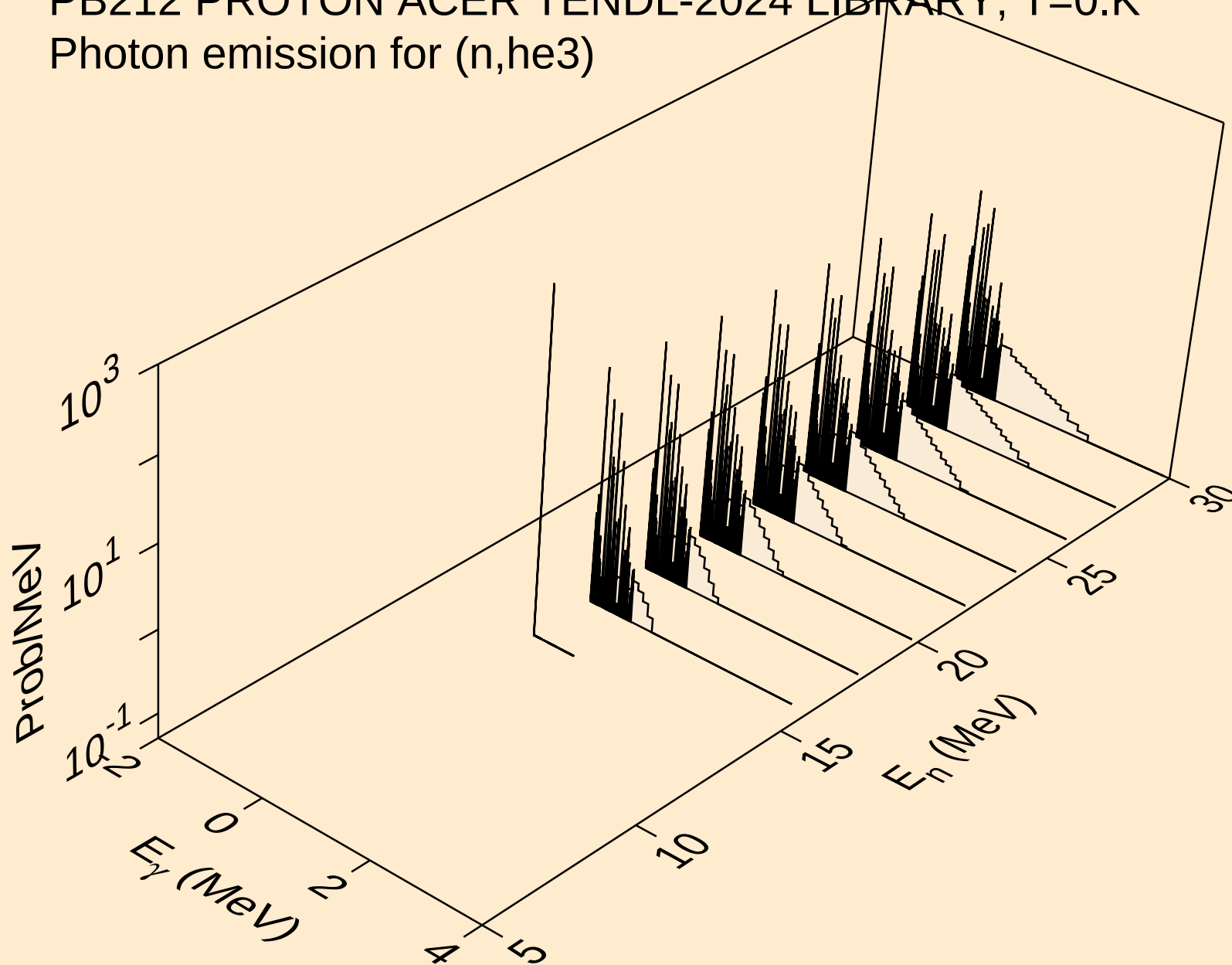
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,d)



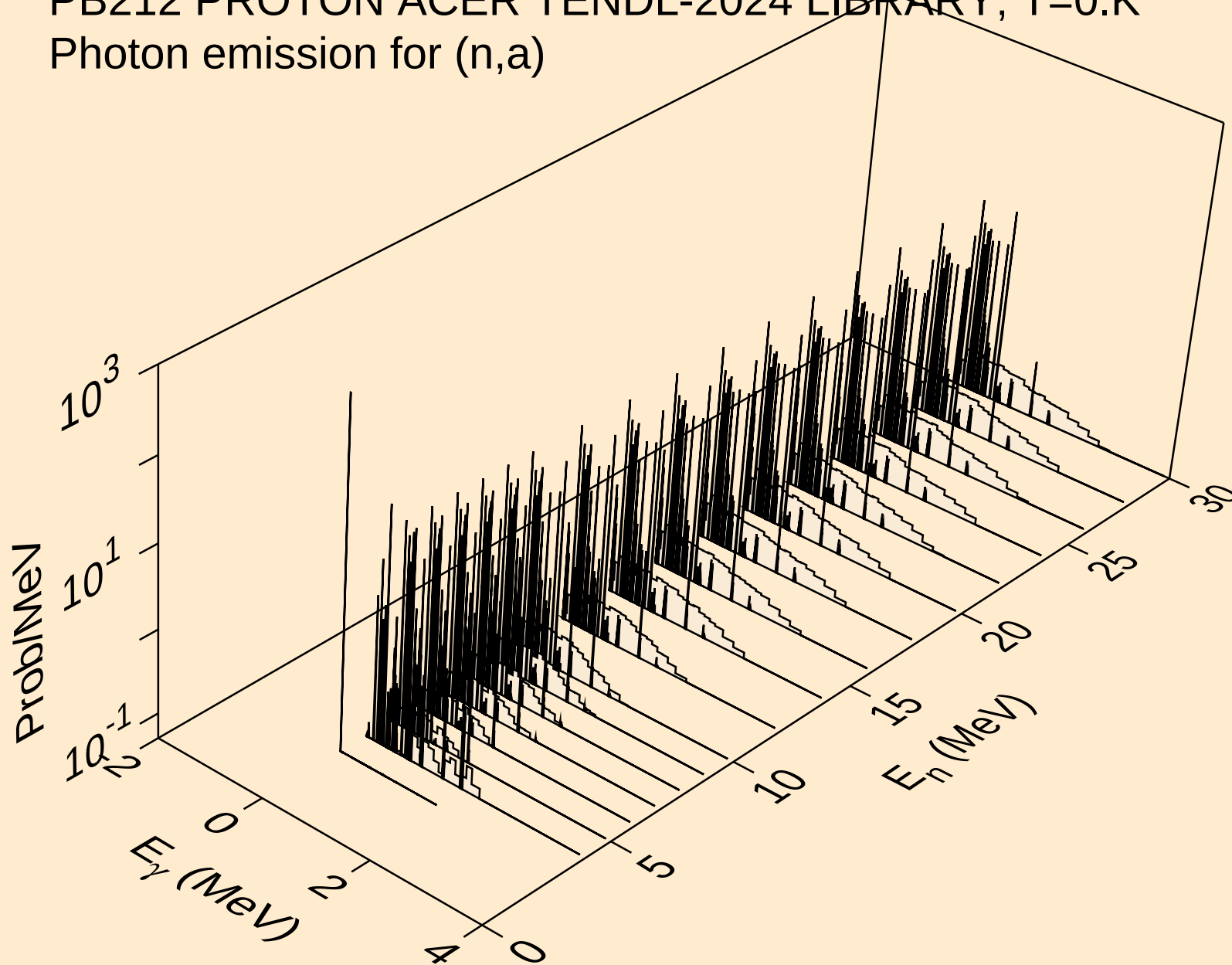
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,t)



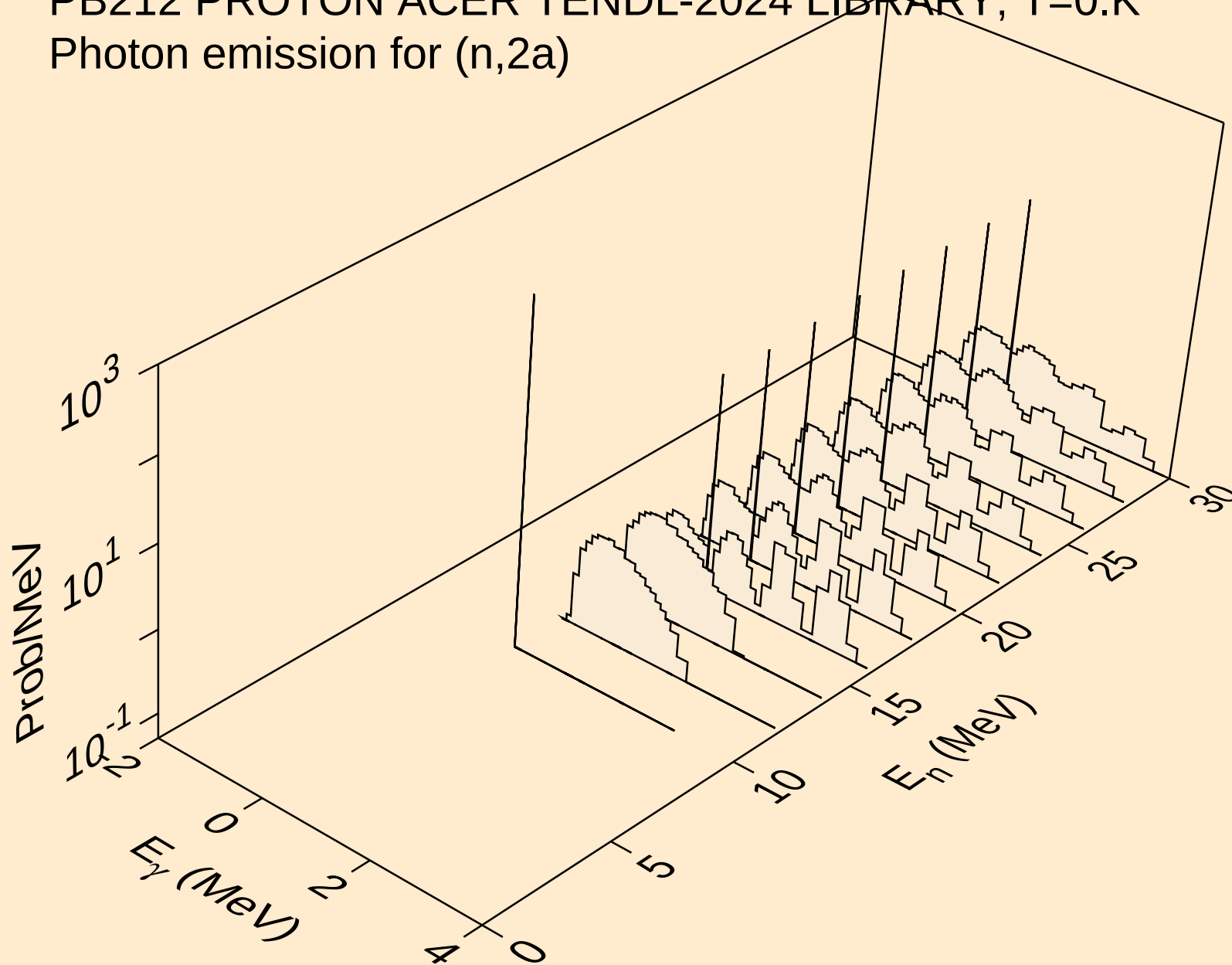
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,he3)



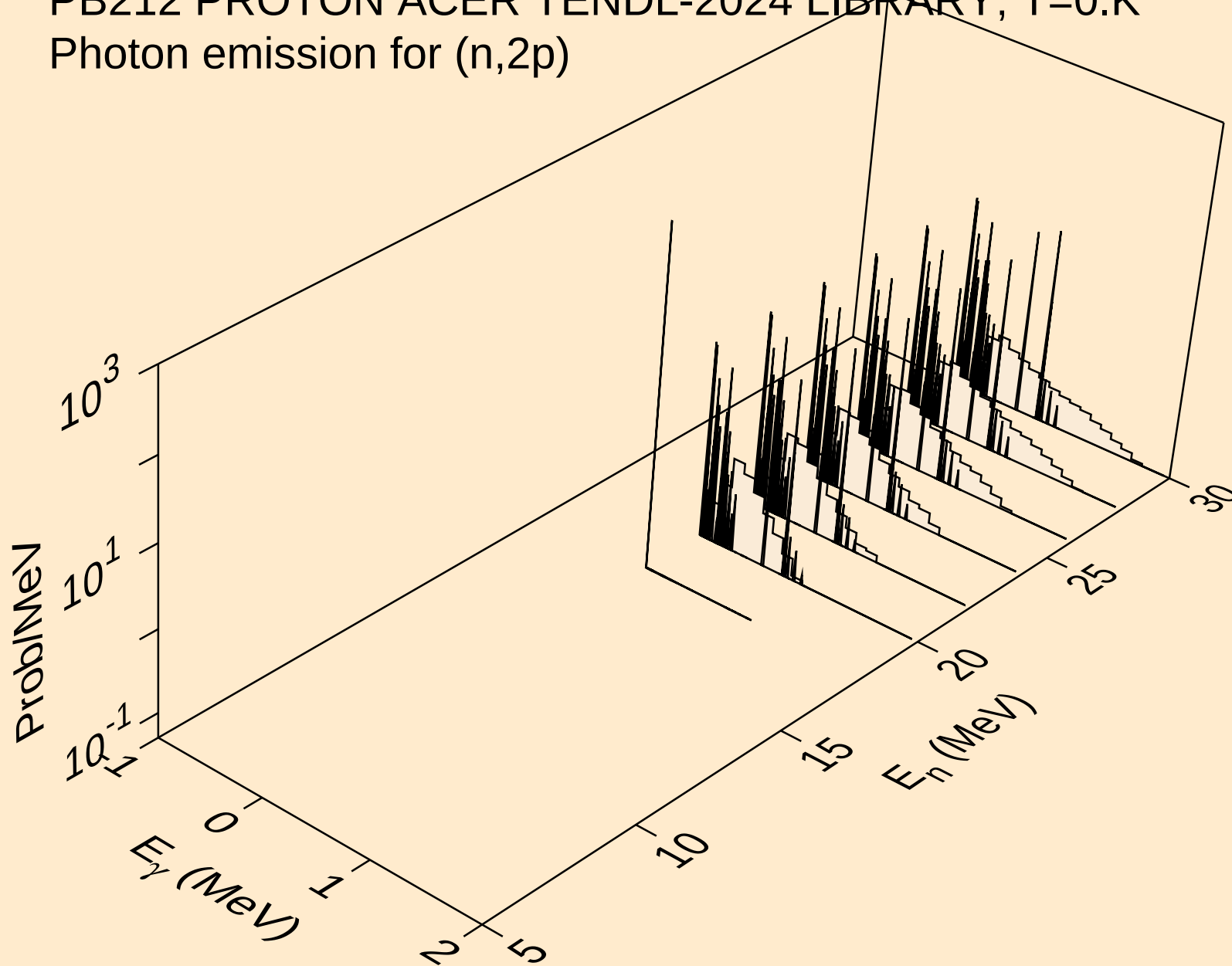
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,a)



PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2a)

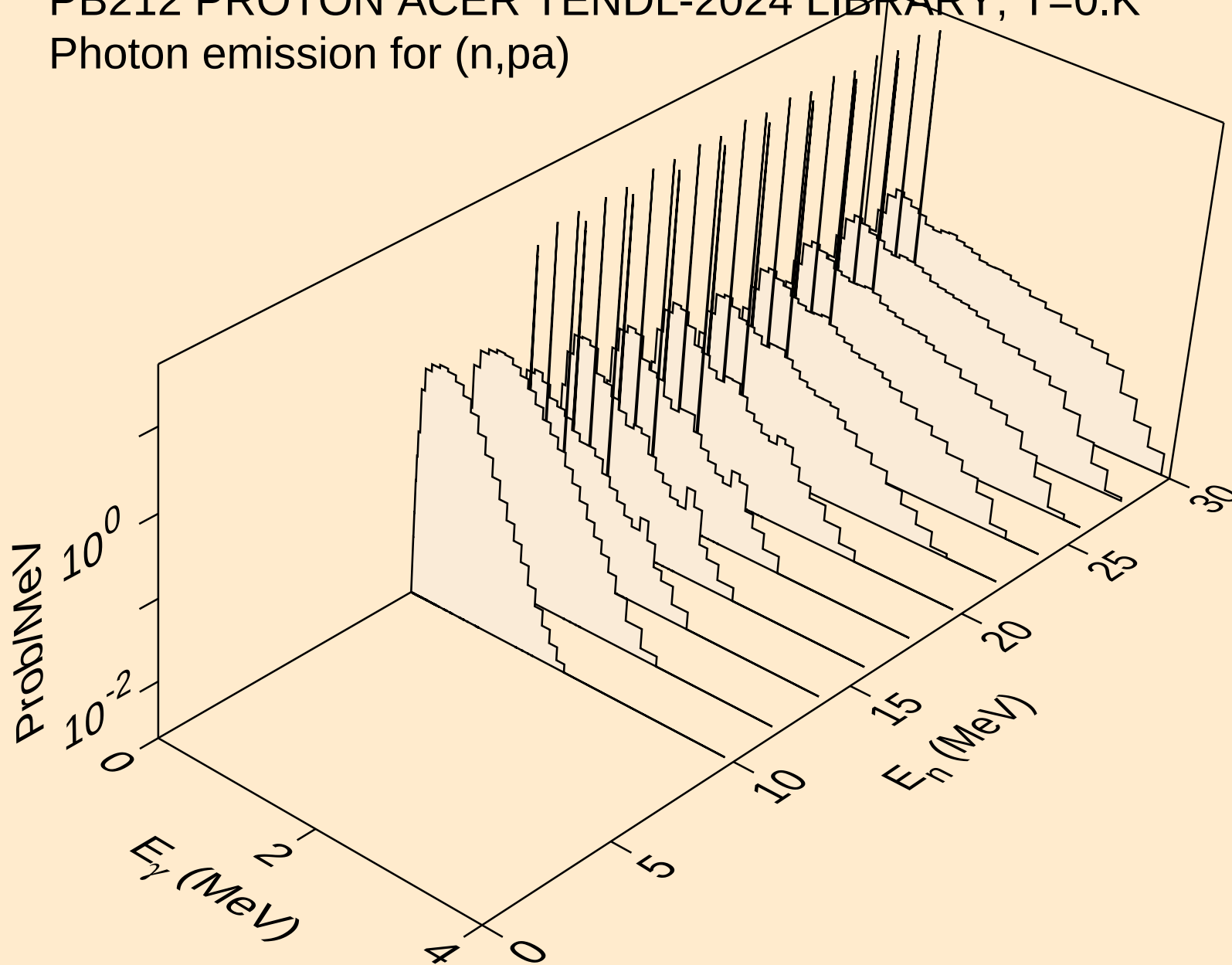


PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2p)

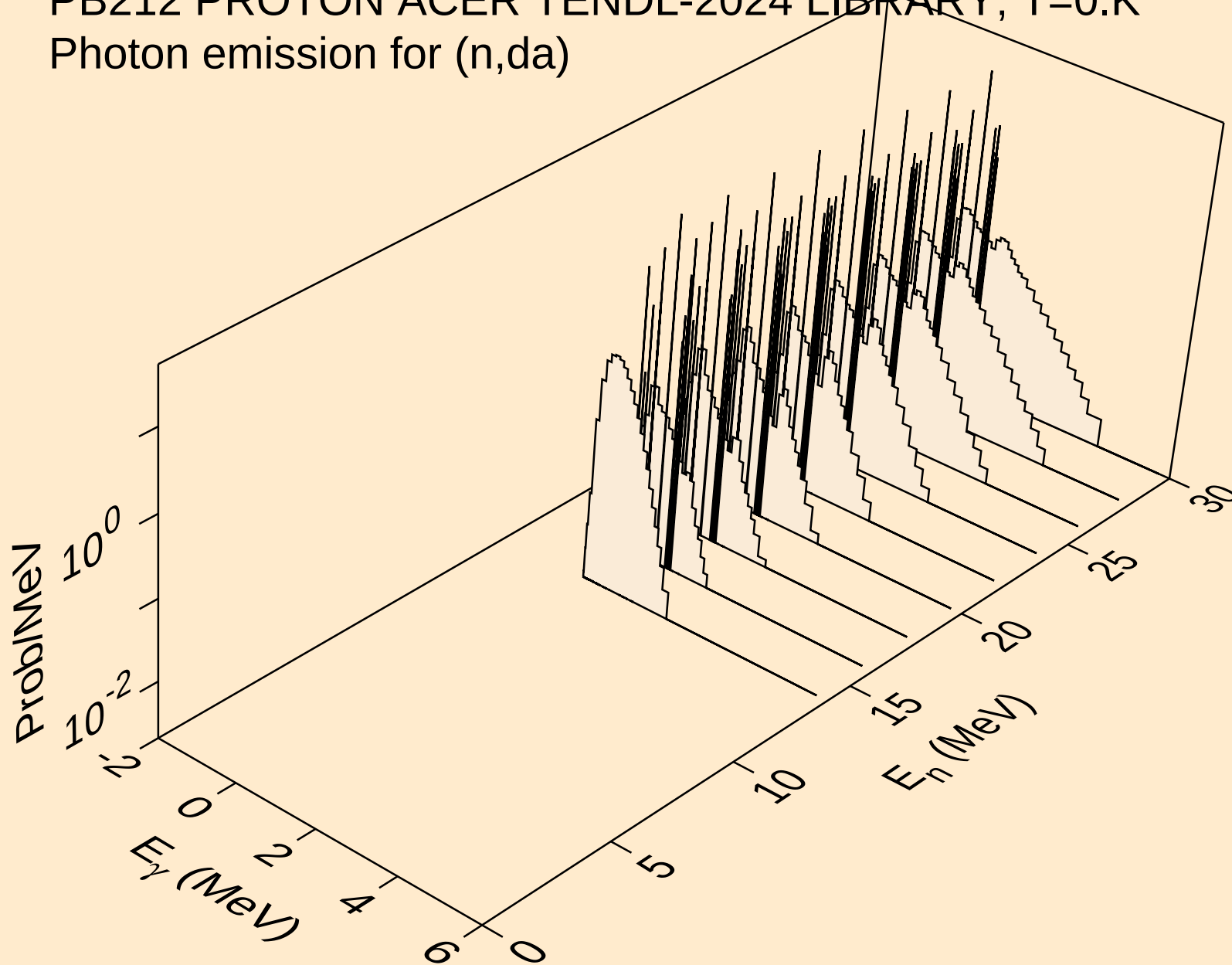


PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

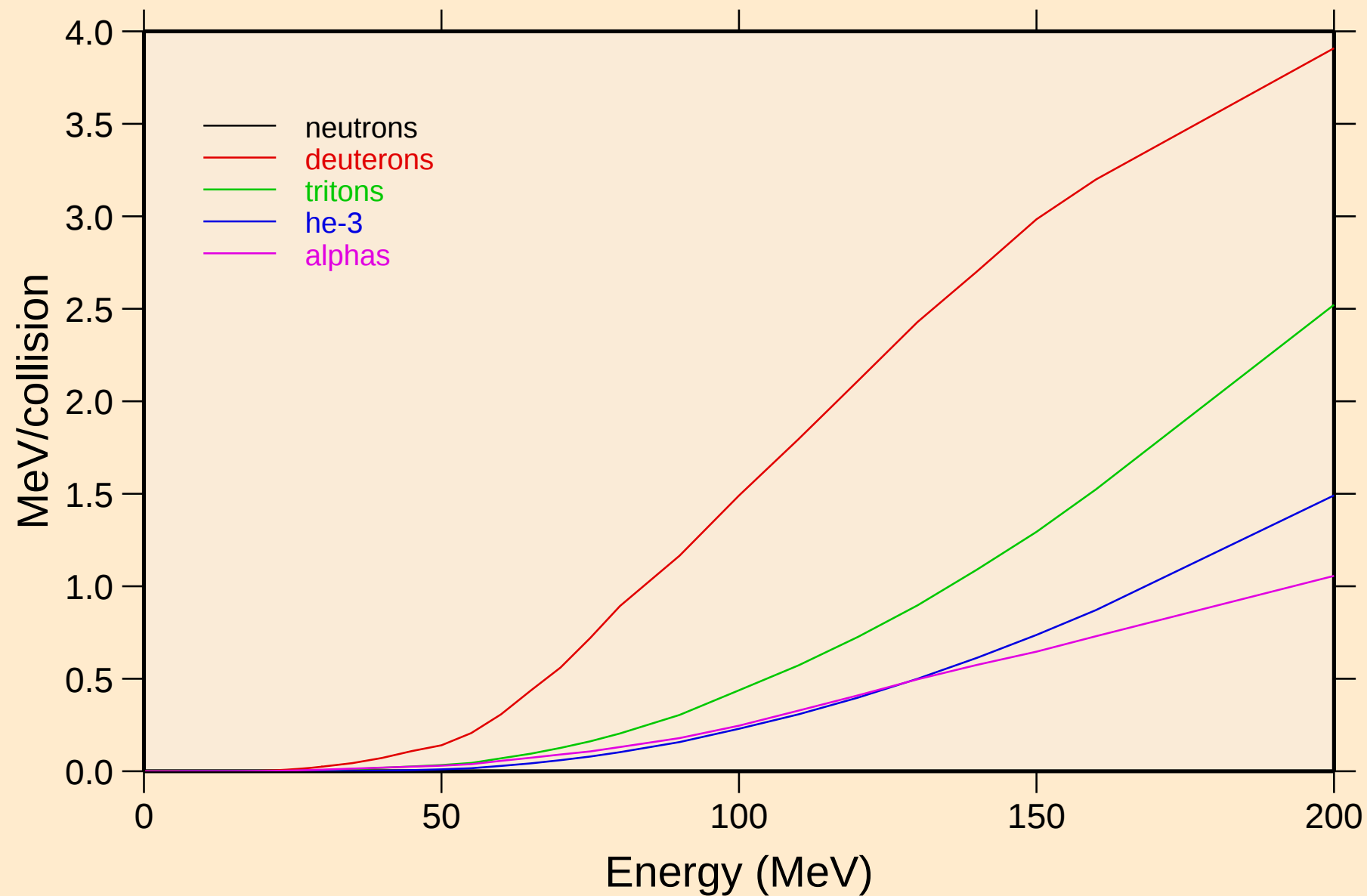
Photon emission for (n,p $\alpha$ )



PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,da)

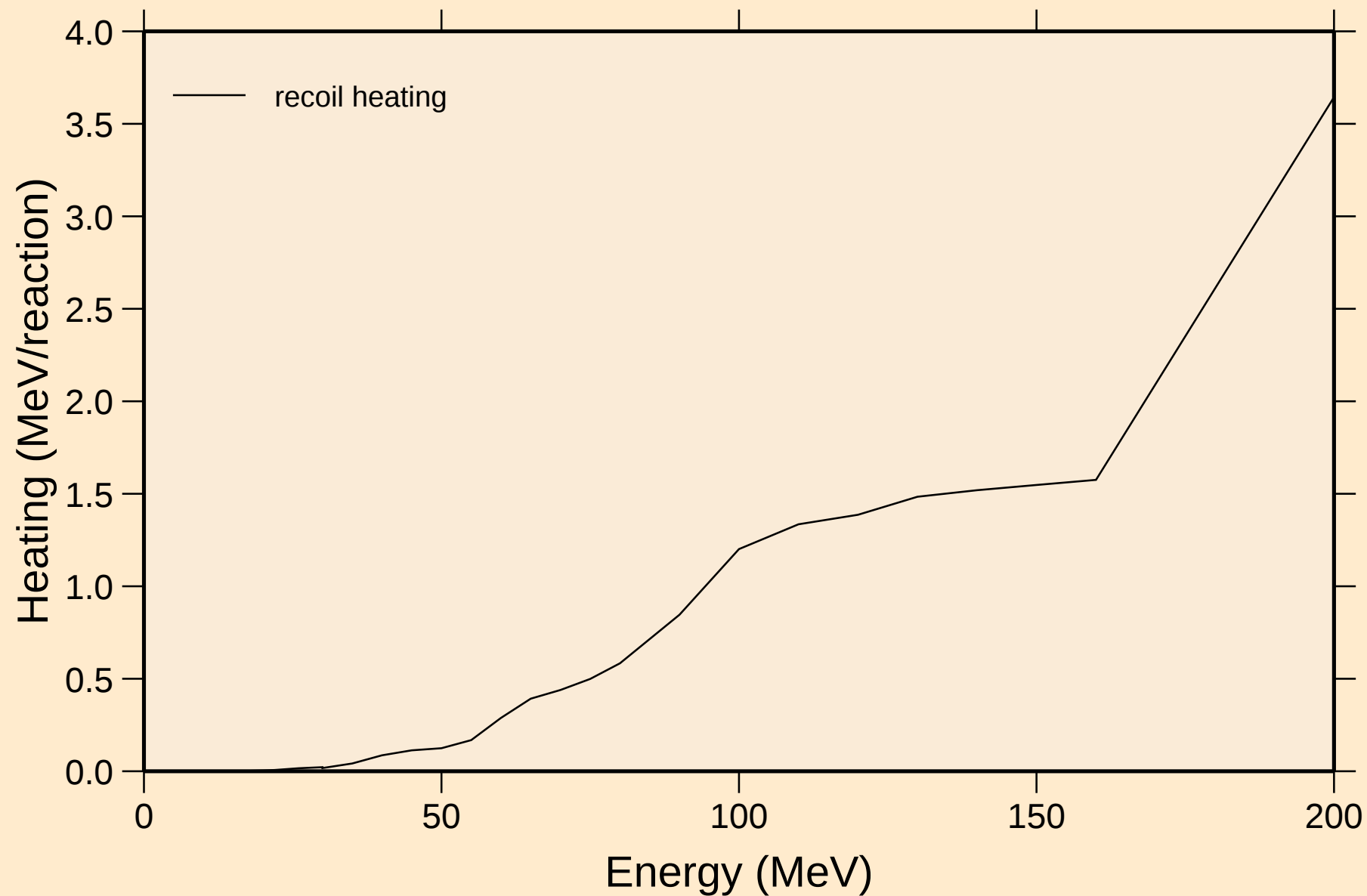


PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



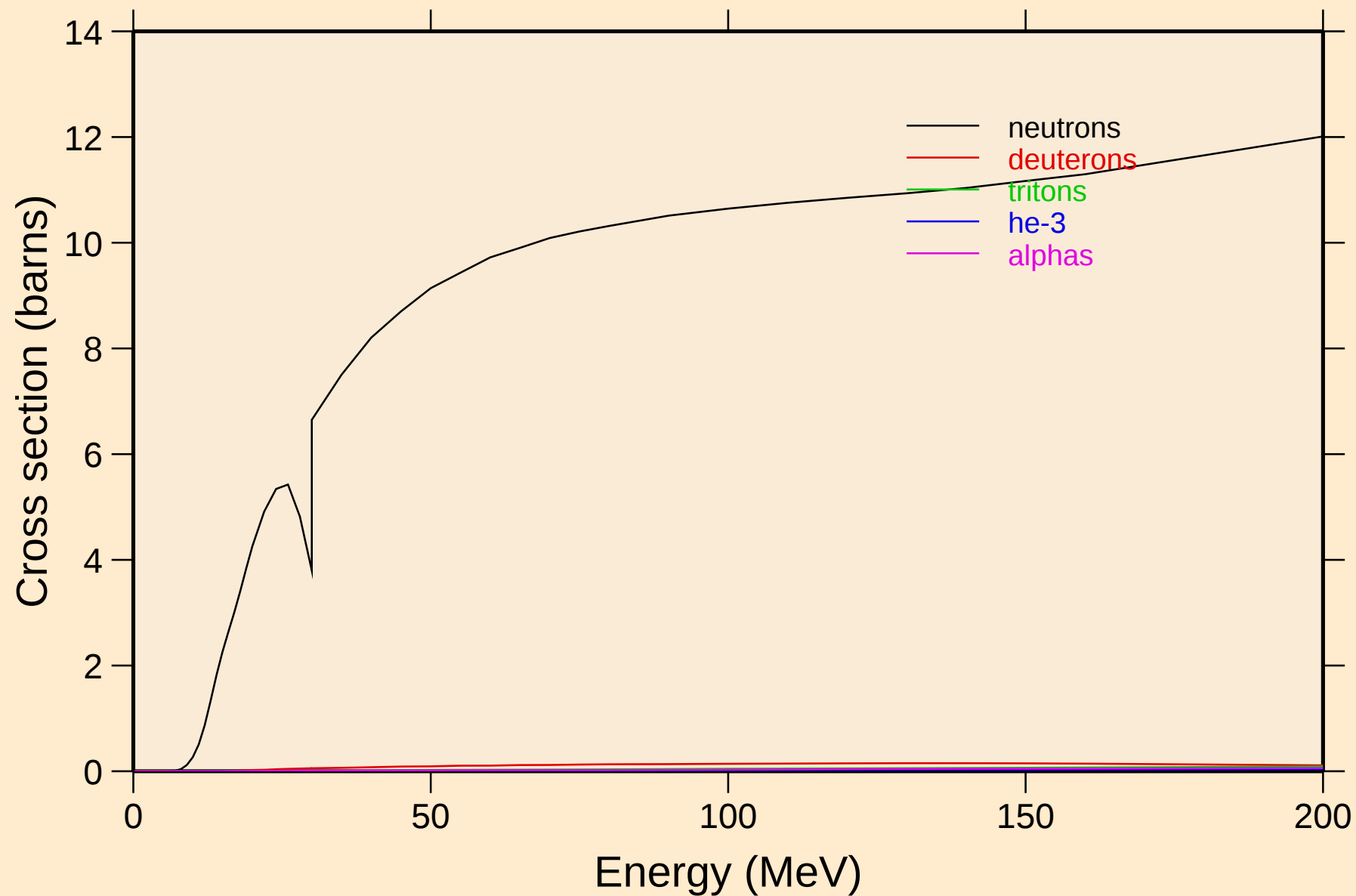
# PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

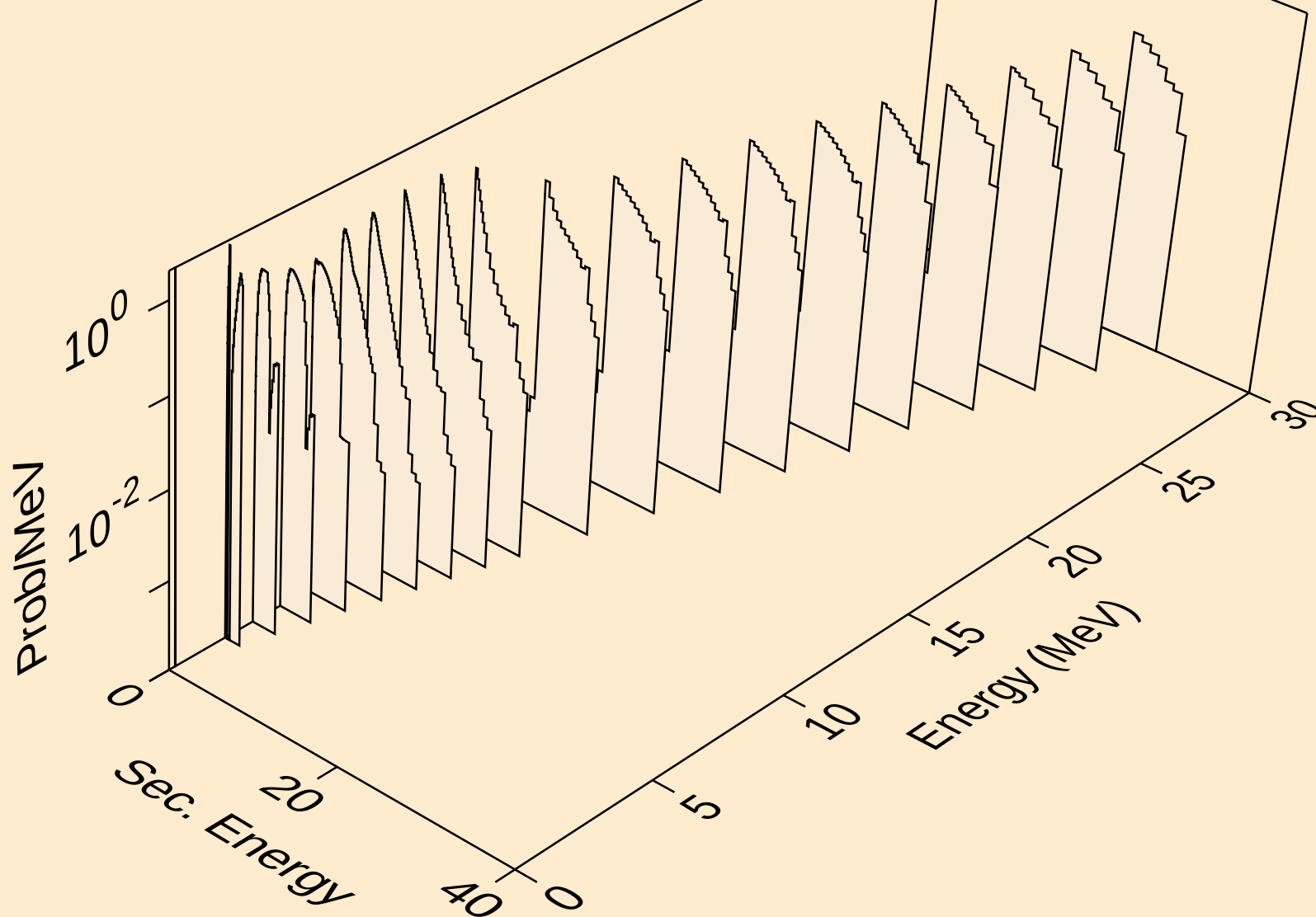


# PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K

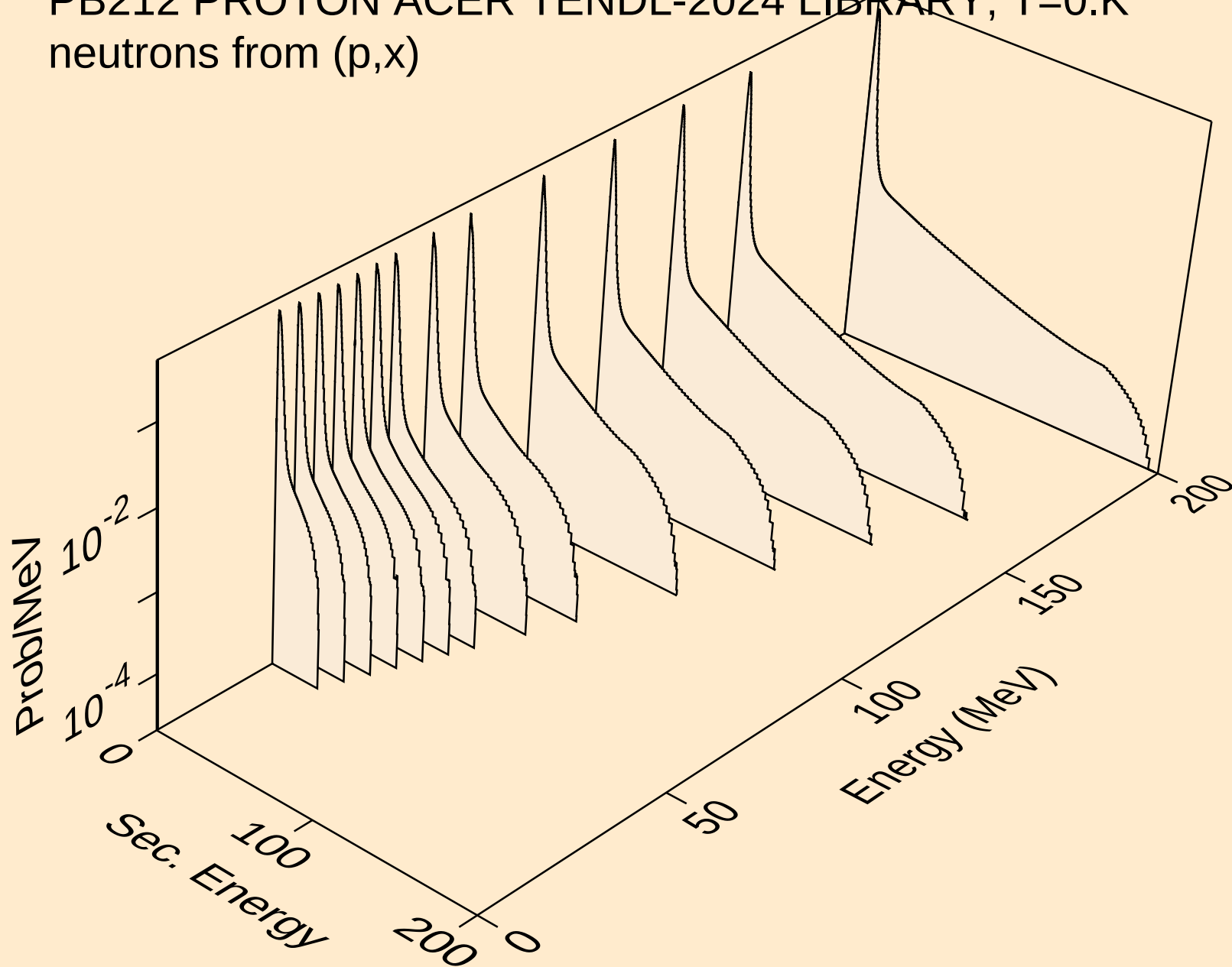
## Particle production cross sections



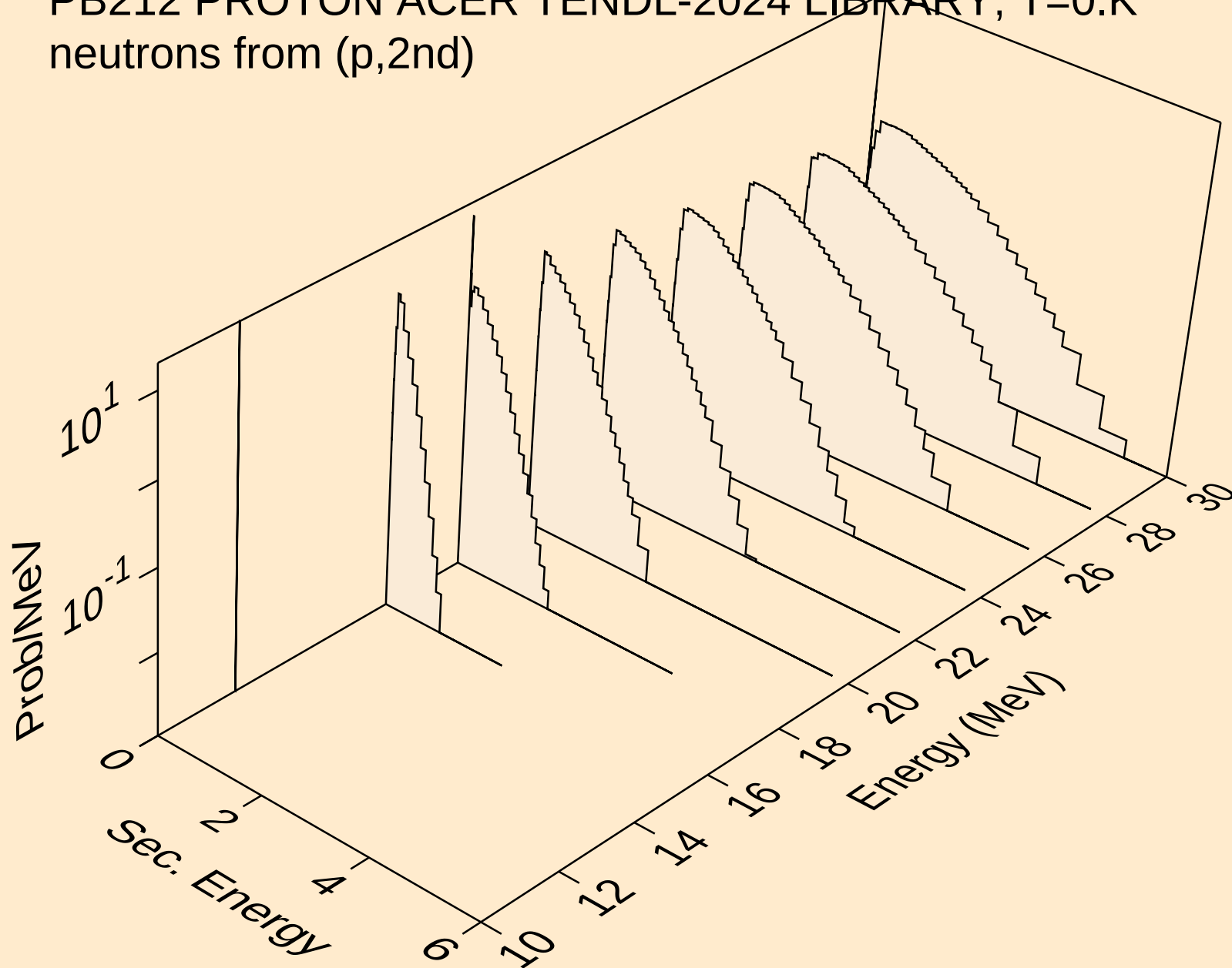
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



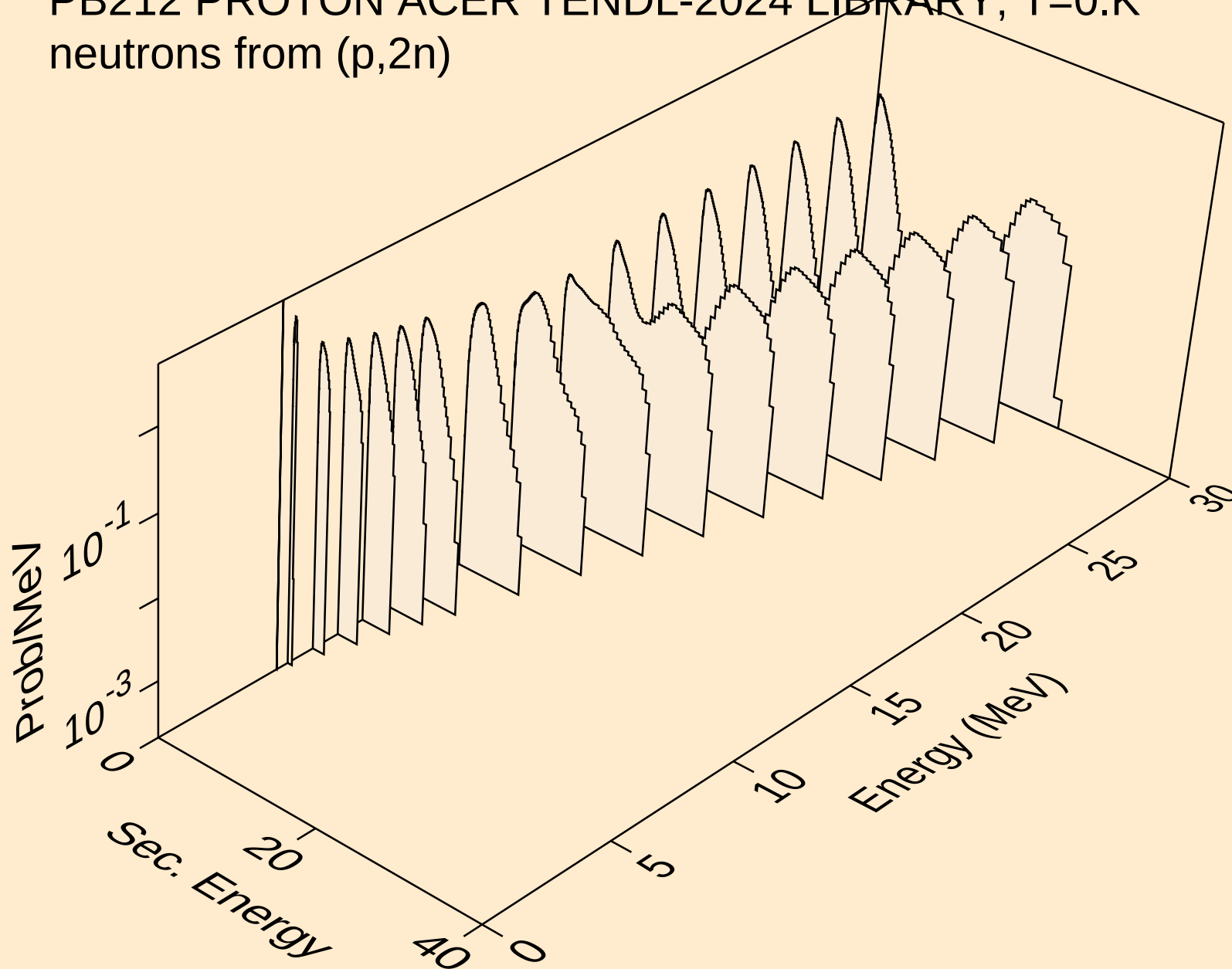
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



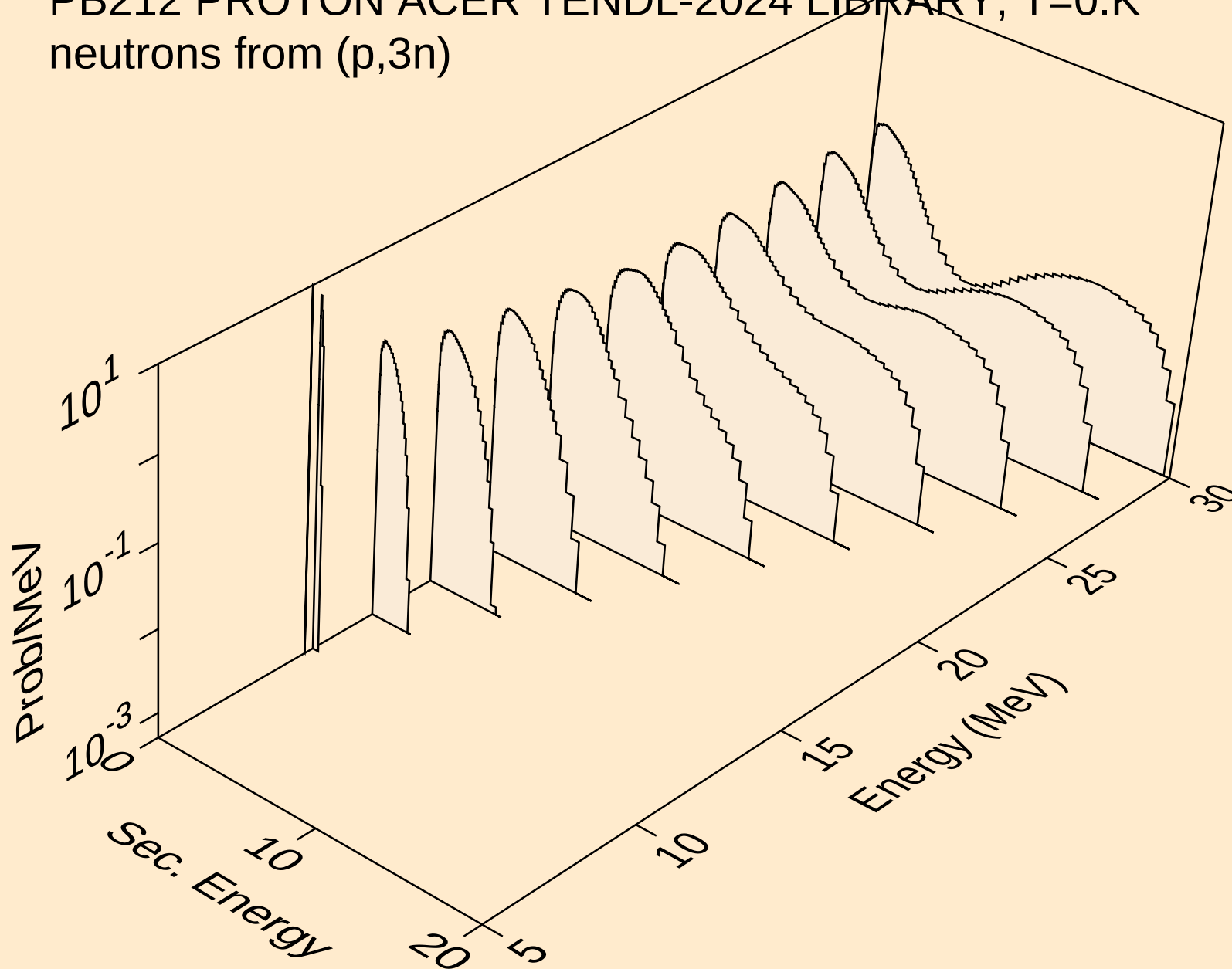
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
neutrons from (p,2nd)



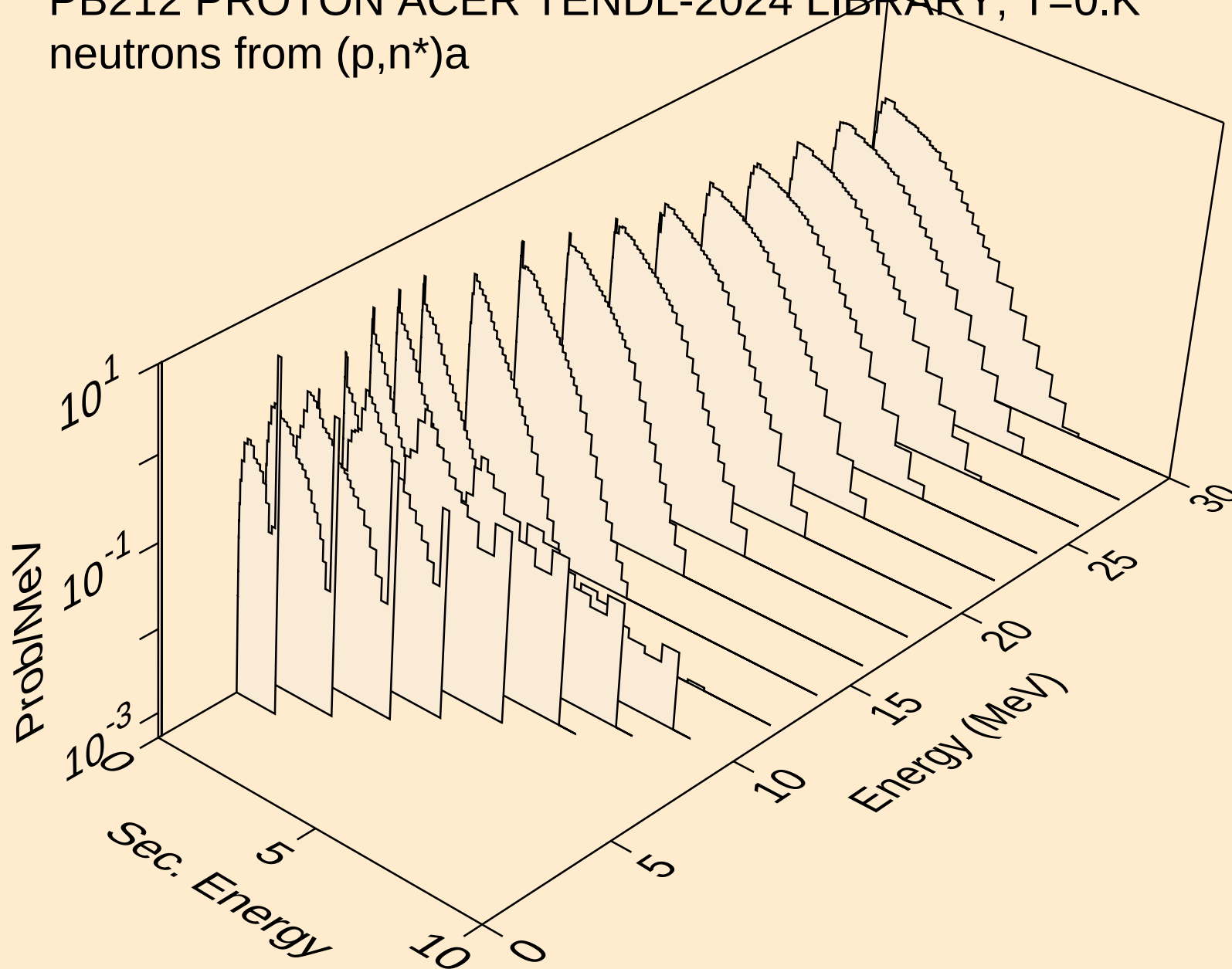
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



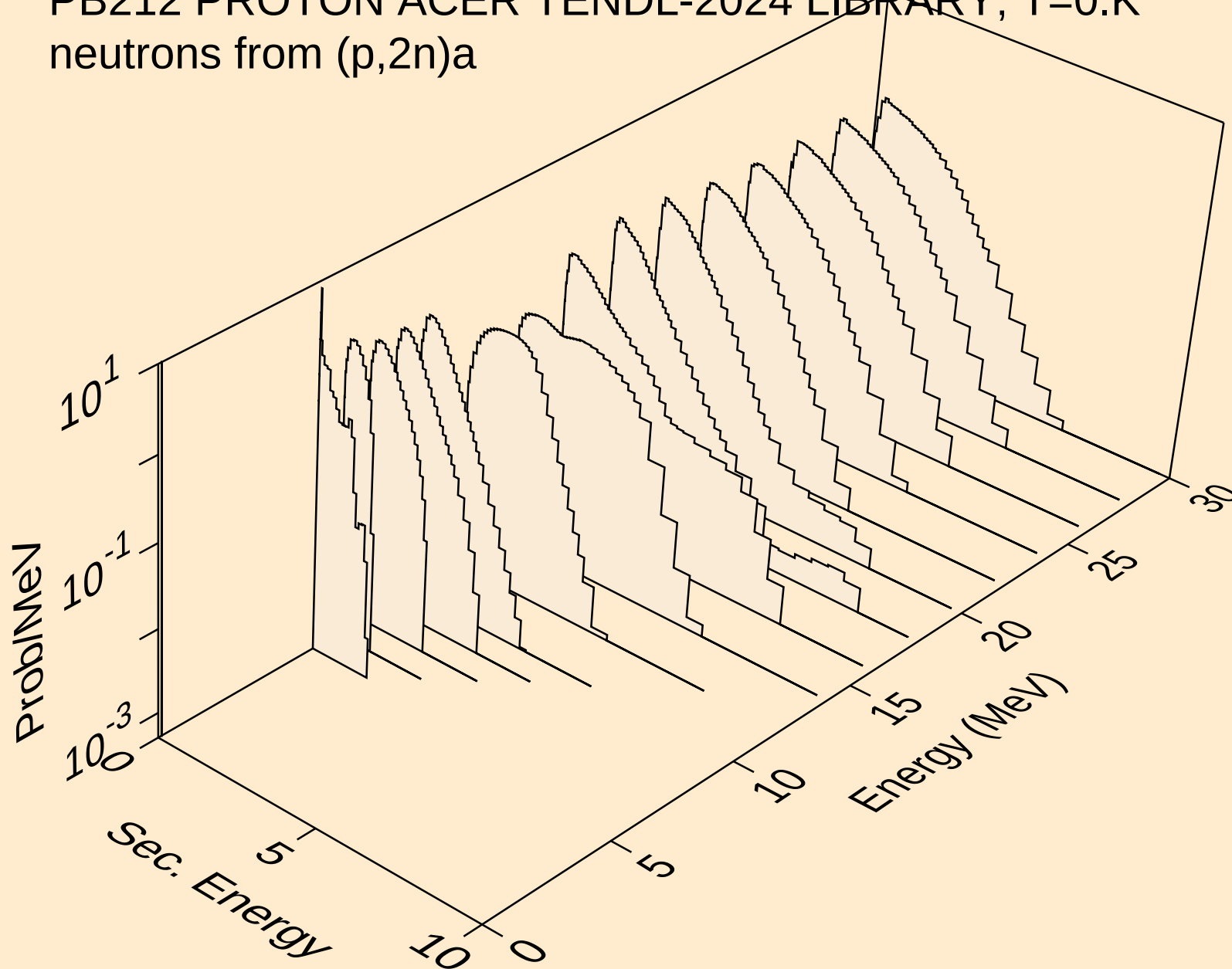
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



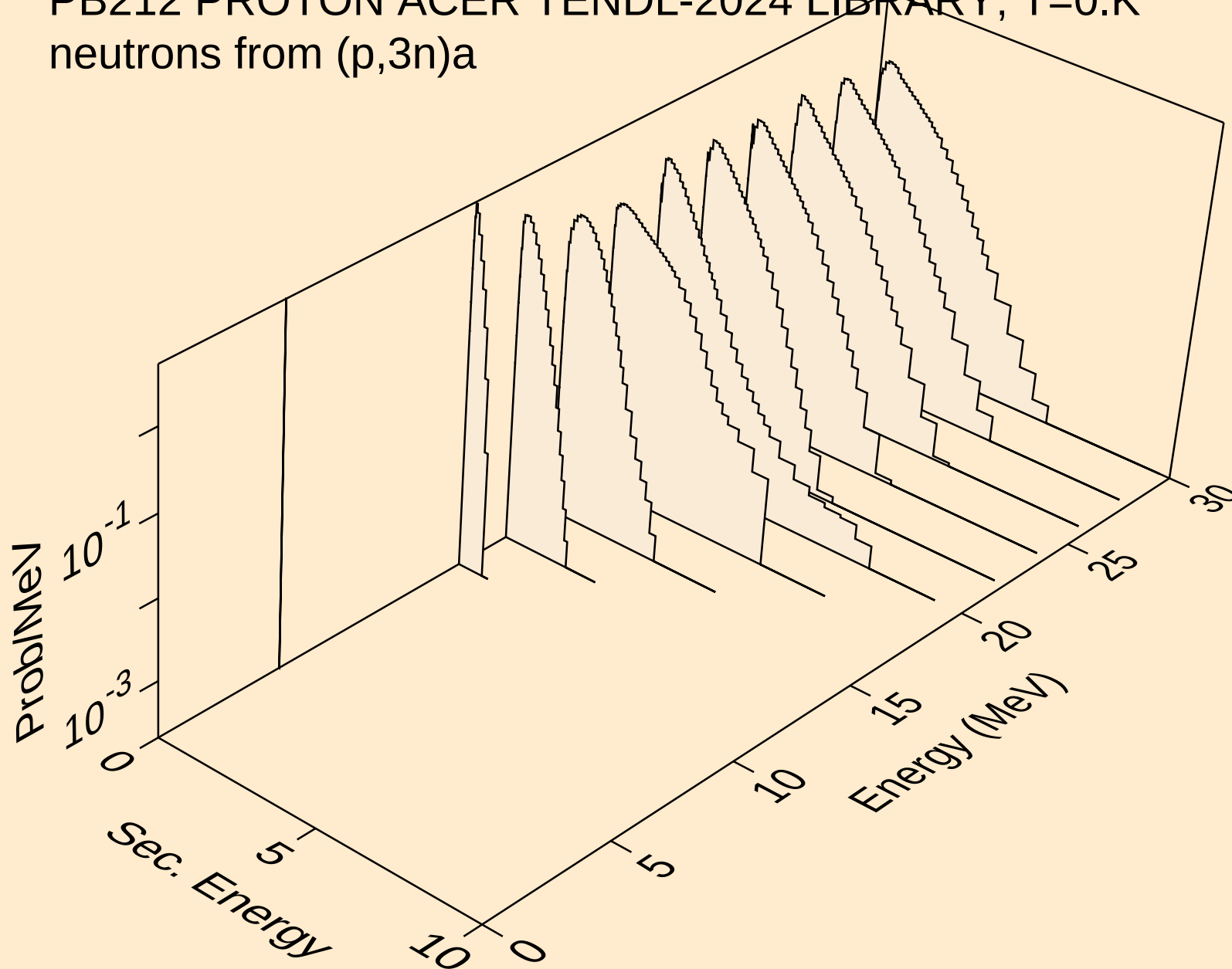
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
neutrons from  $(p,n^*)a$



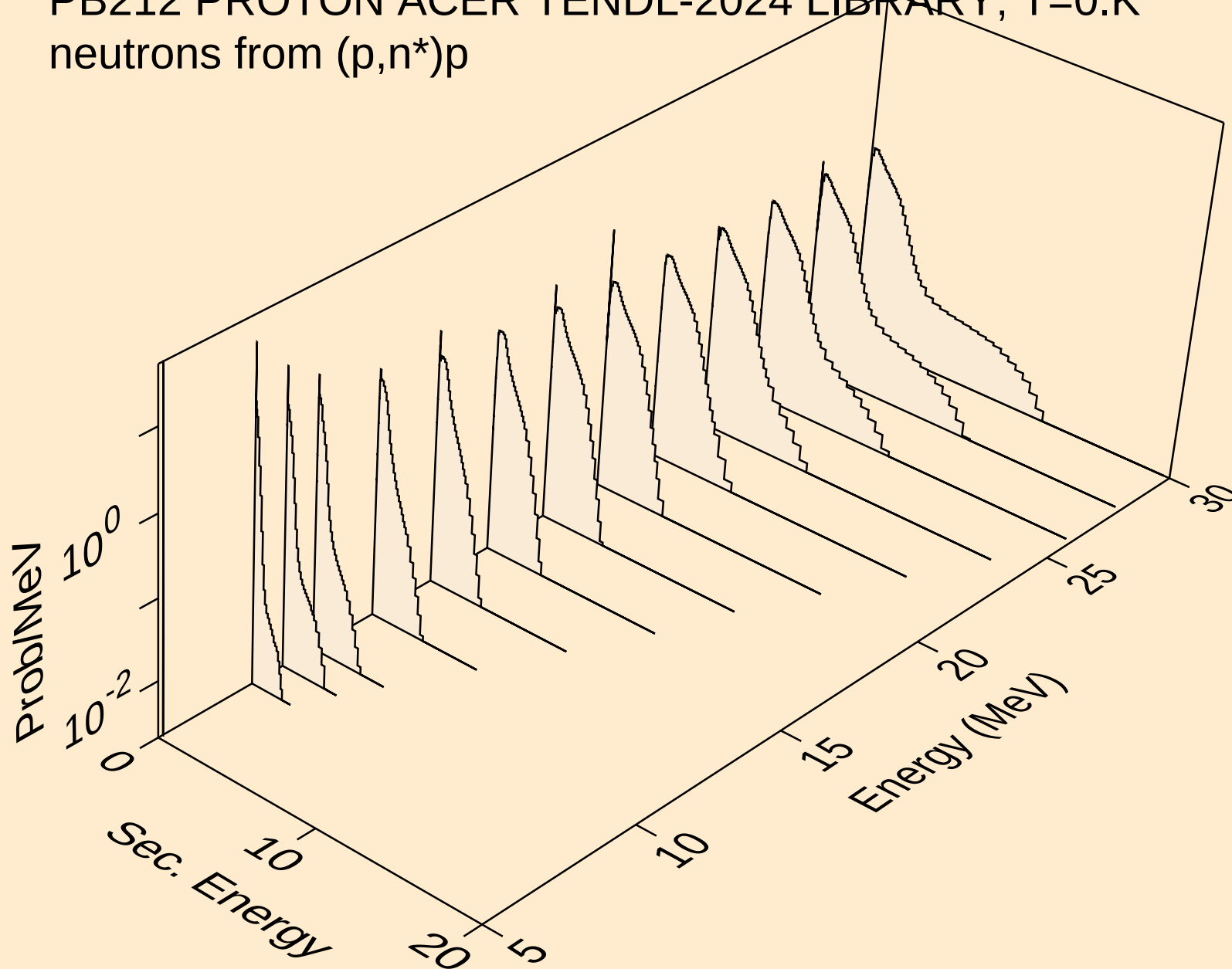
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
neutrons from (p,2n)a



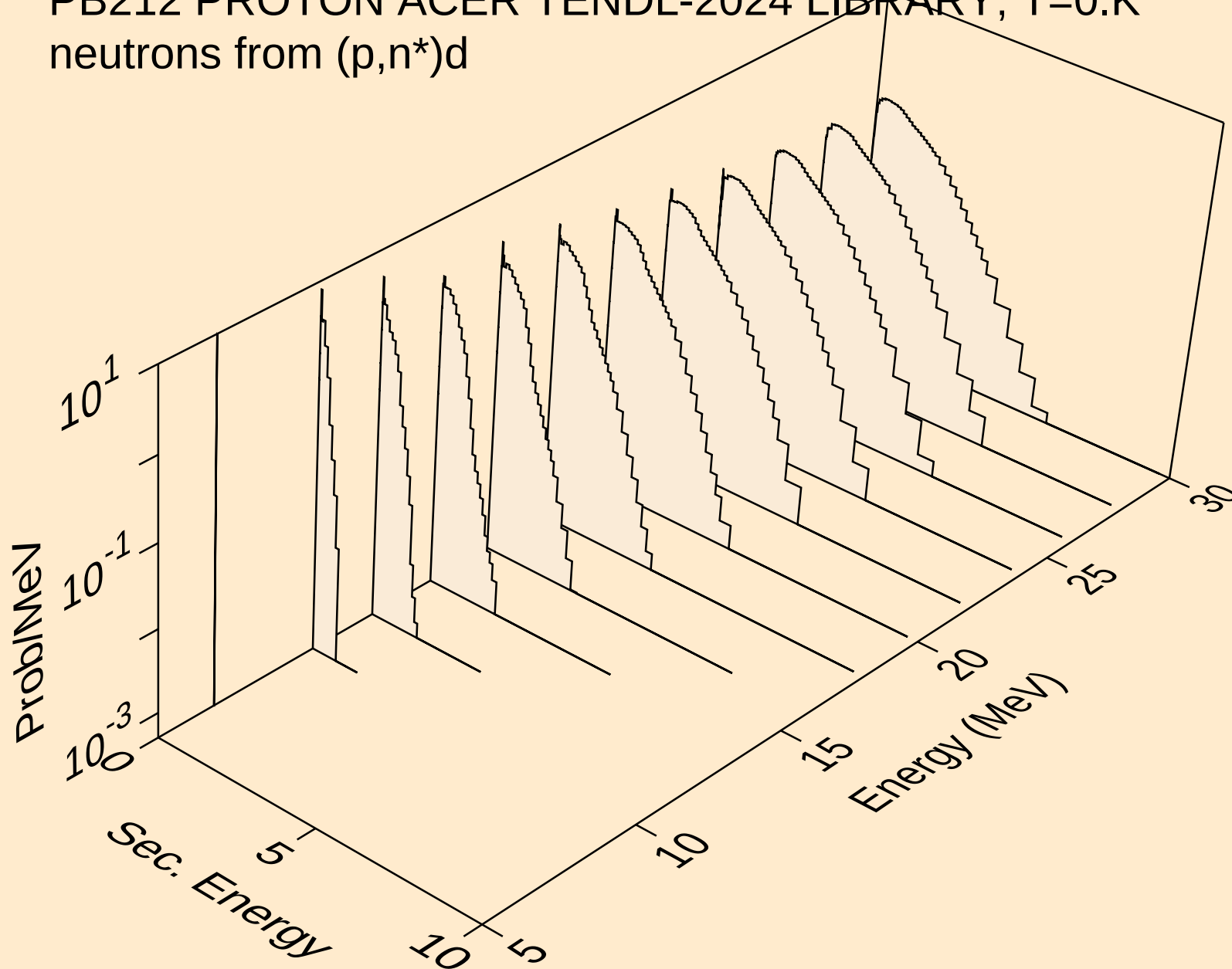
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)a



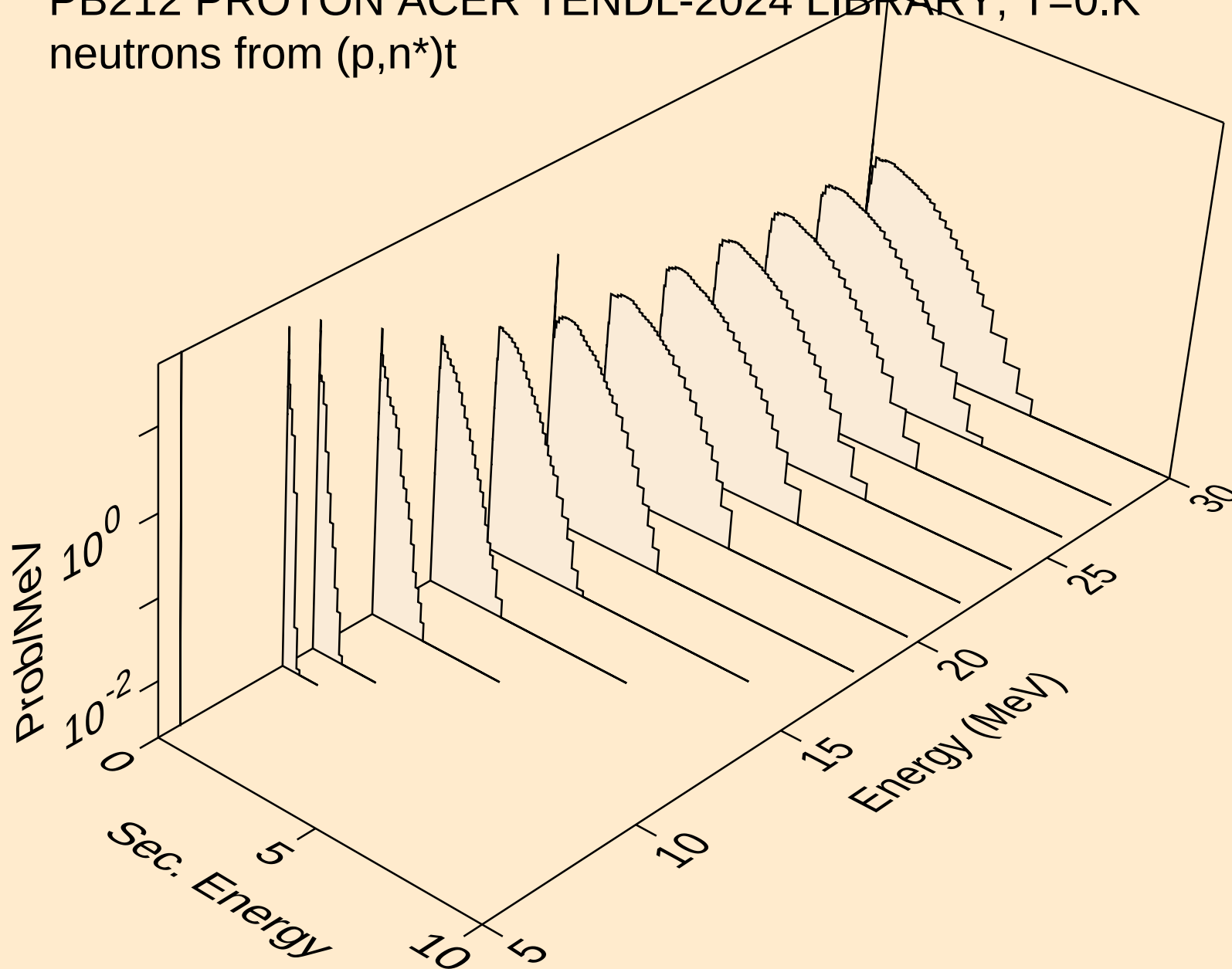
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



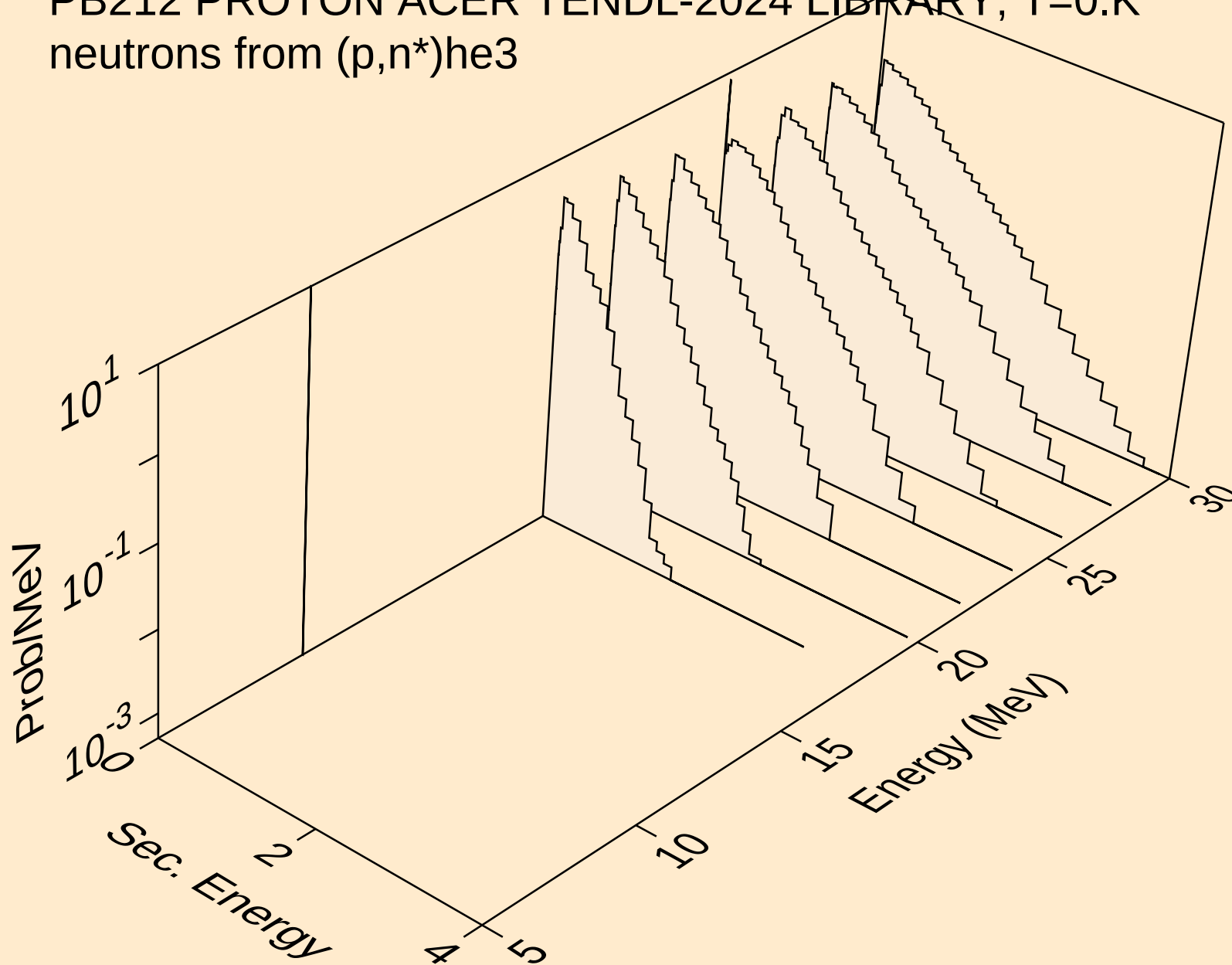
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)d



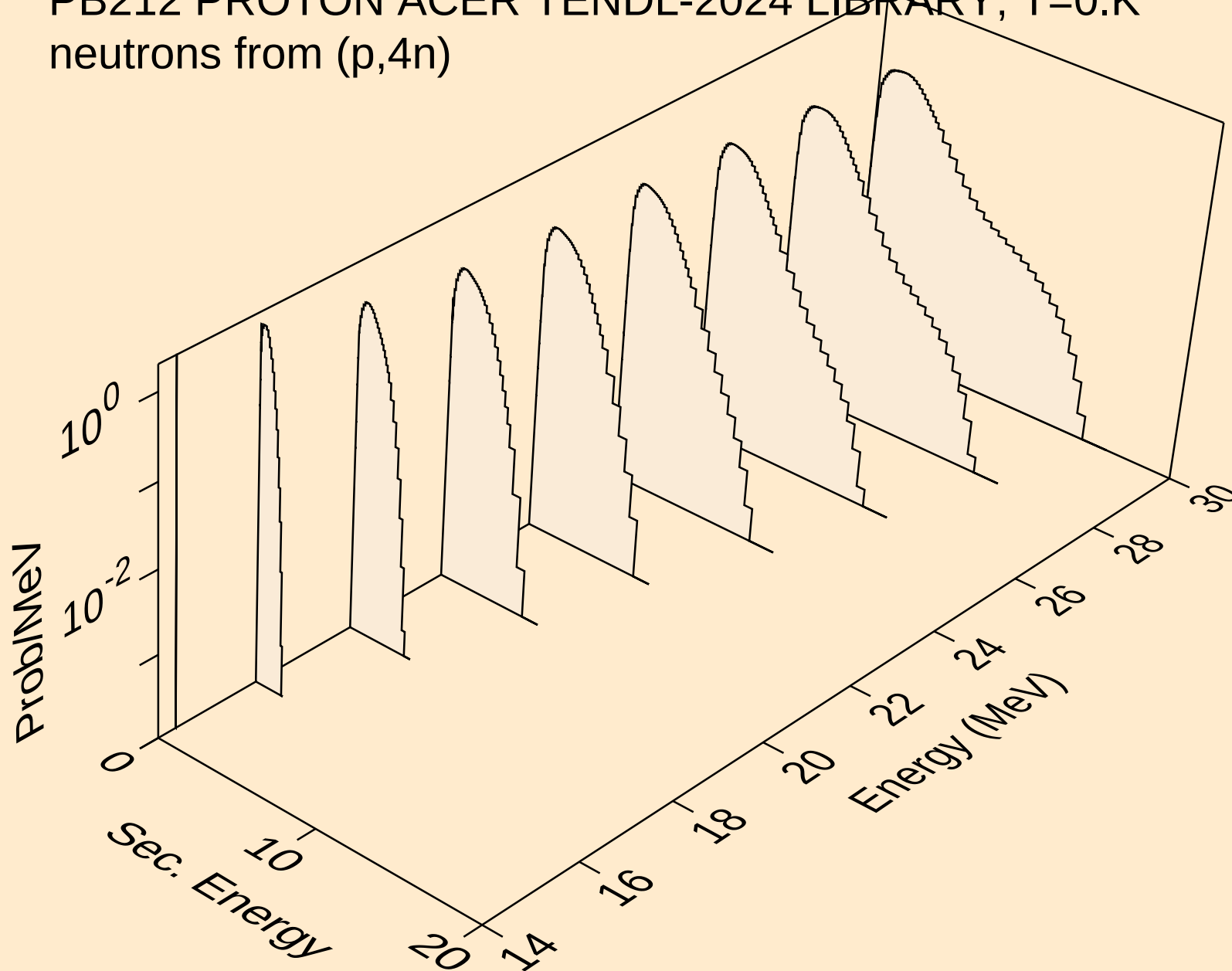
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)t



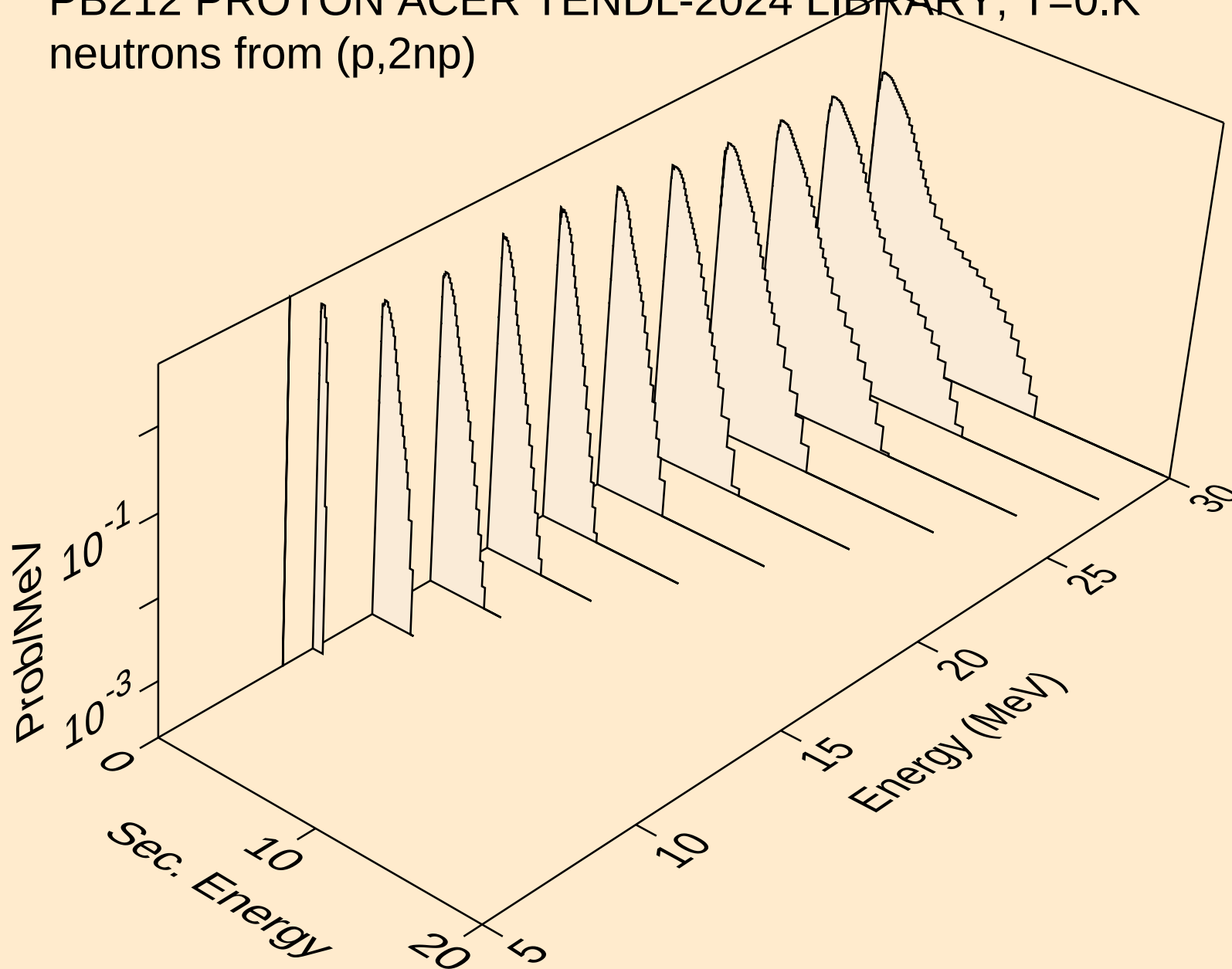
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
neutrons from  $(p,n^*)\text{he3}$



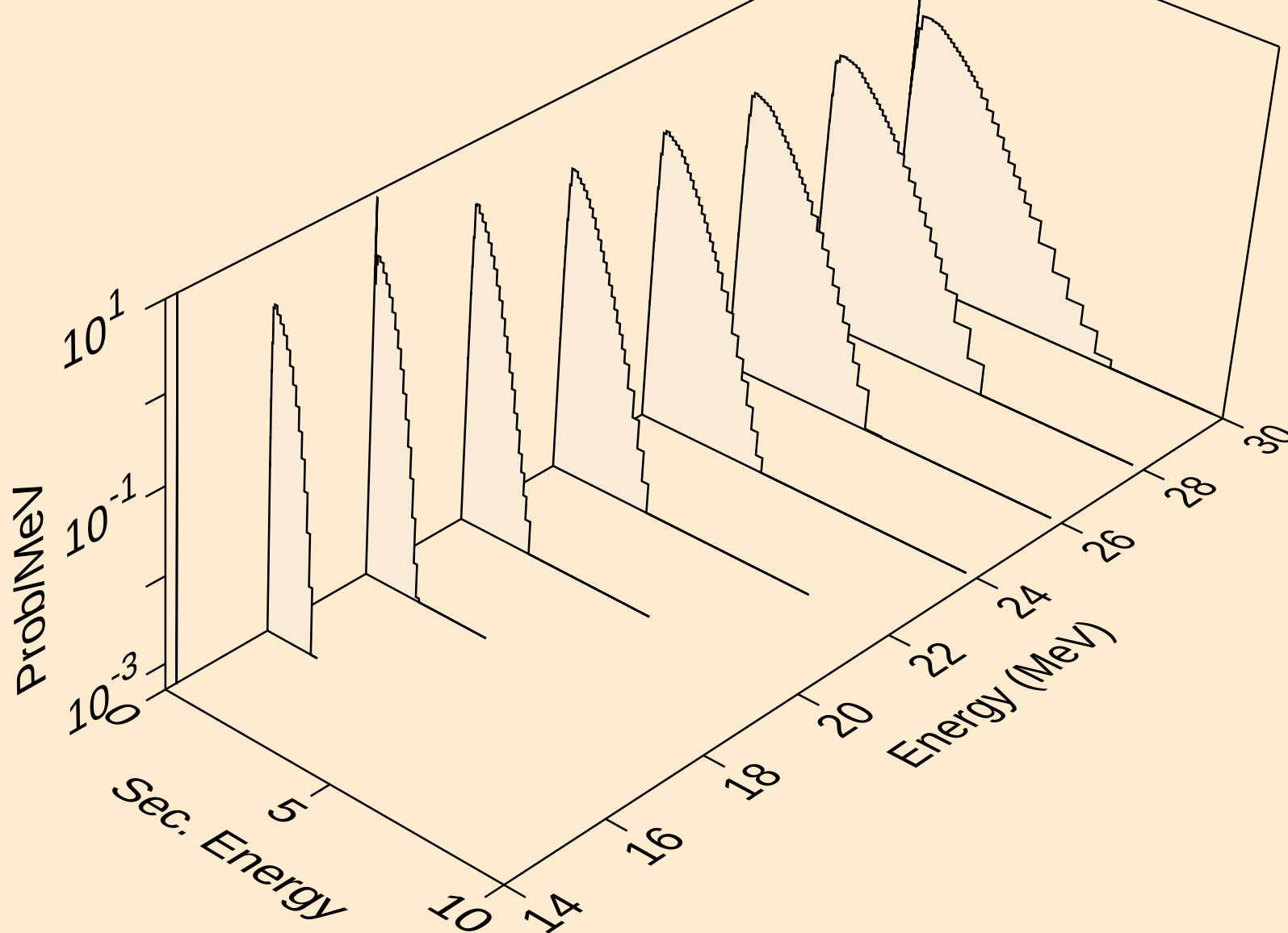
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,4n)



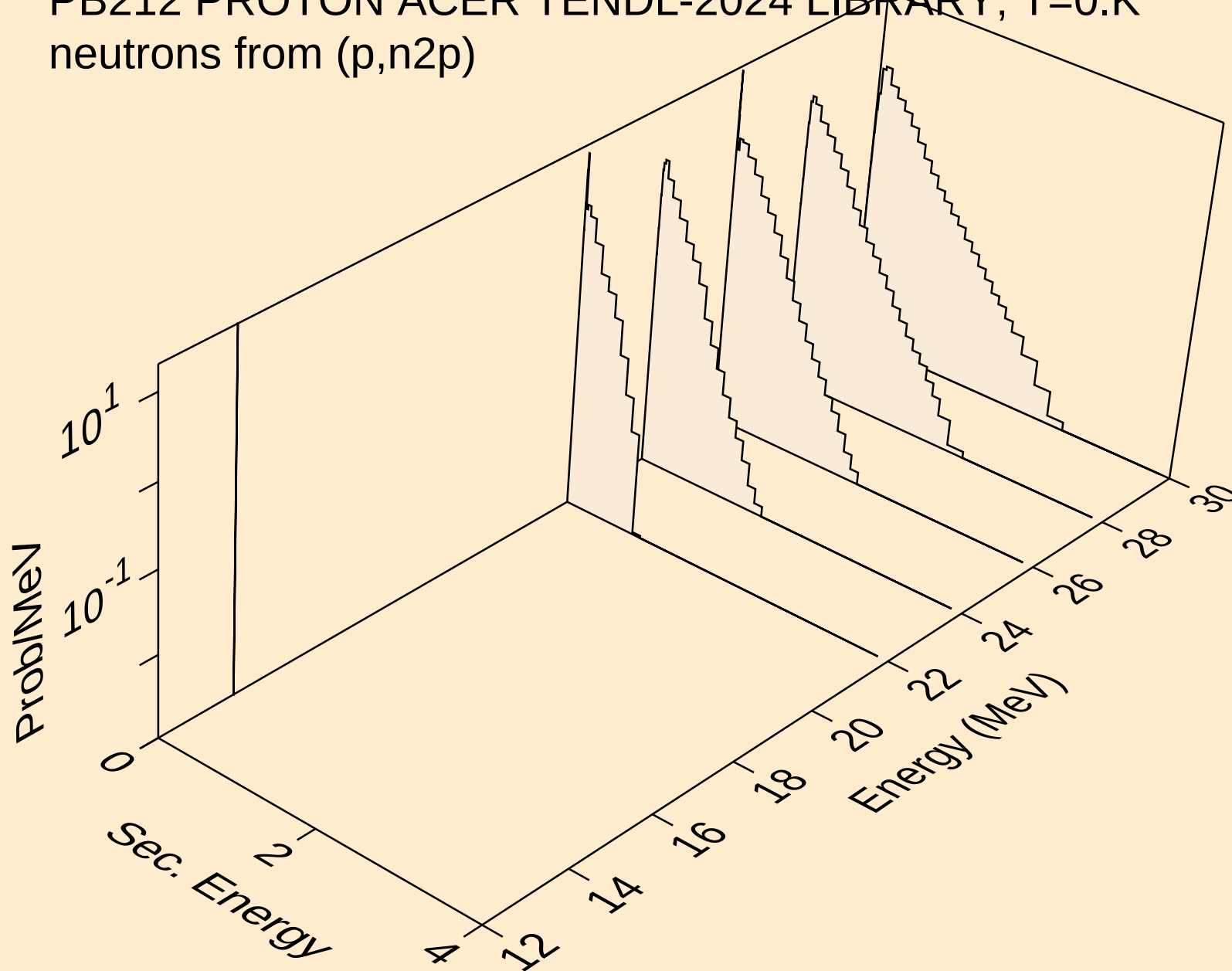
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
neutrons from (p,2np)



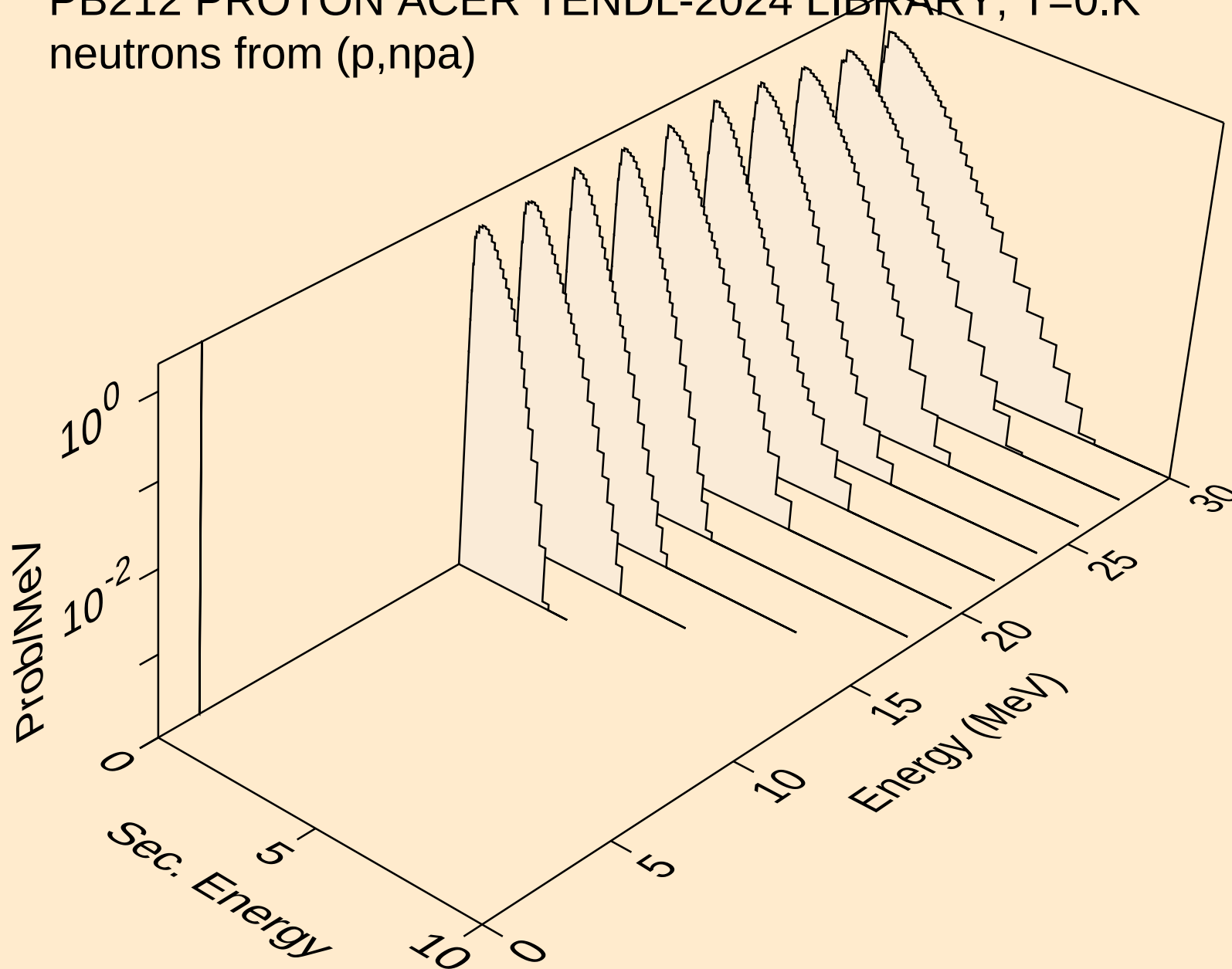
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3np)



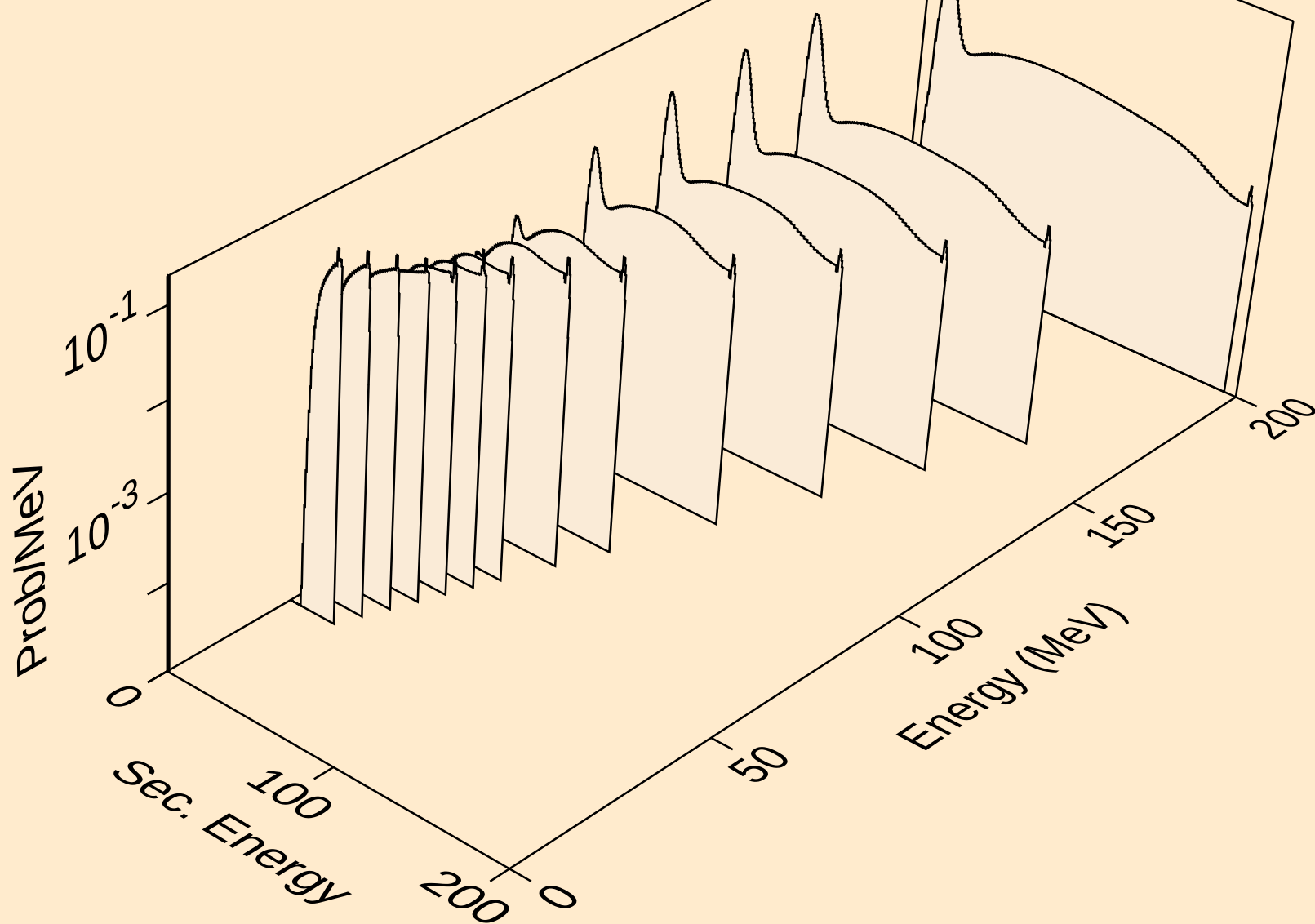
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n2p)



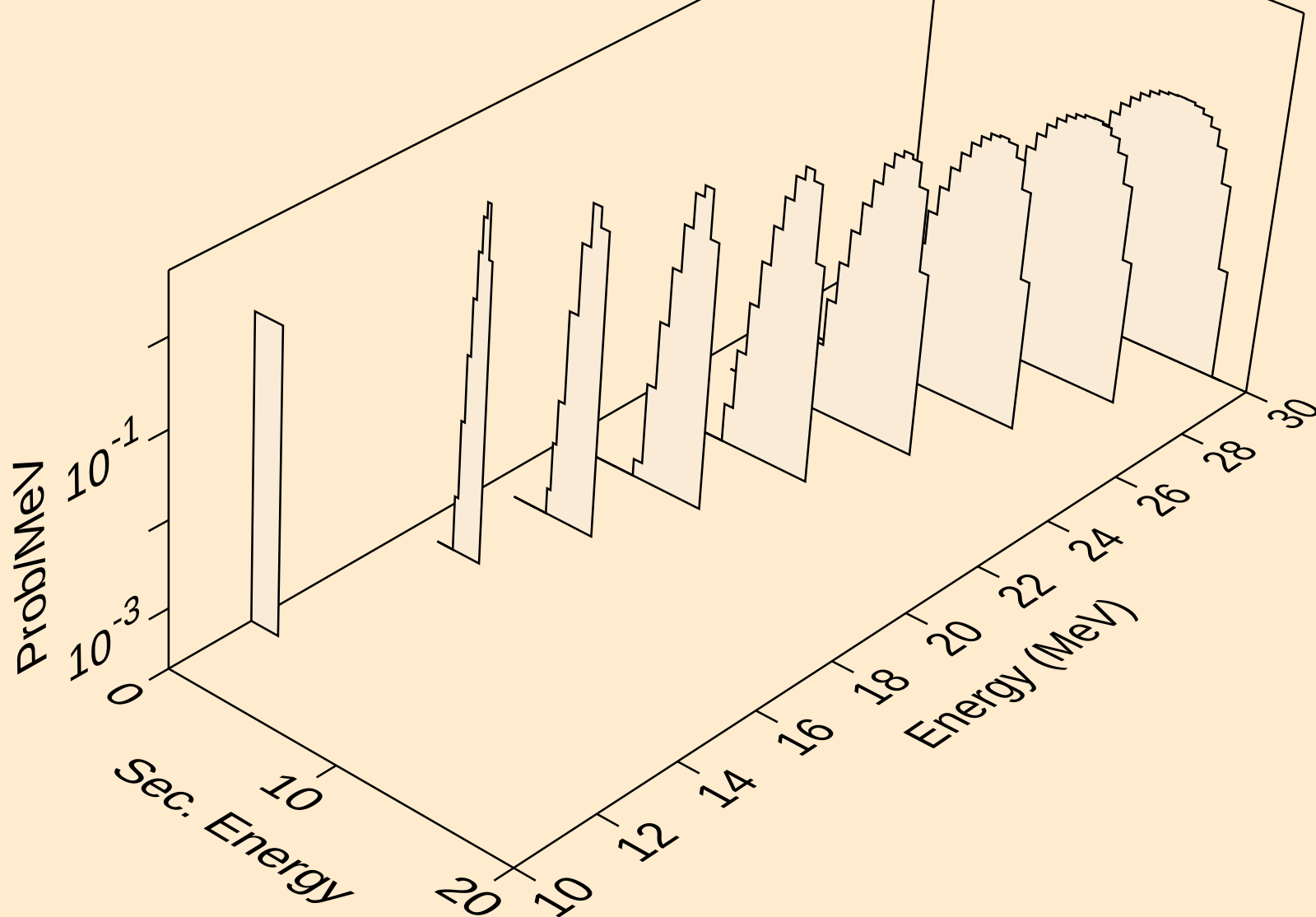
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,npa)



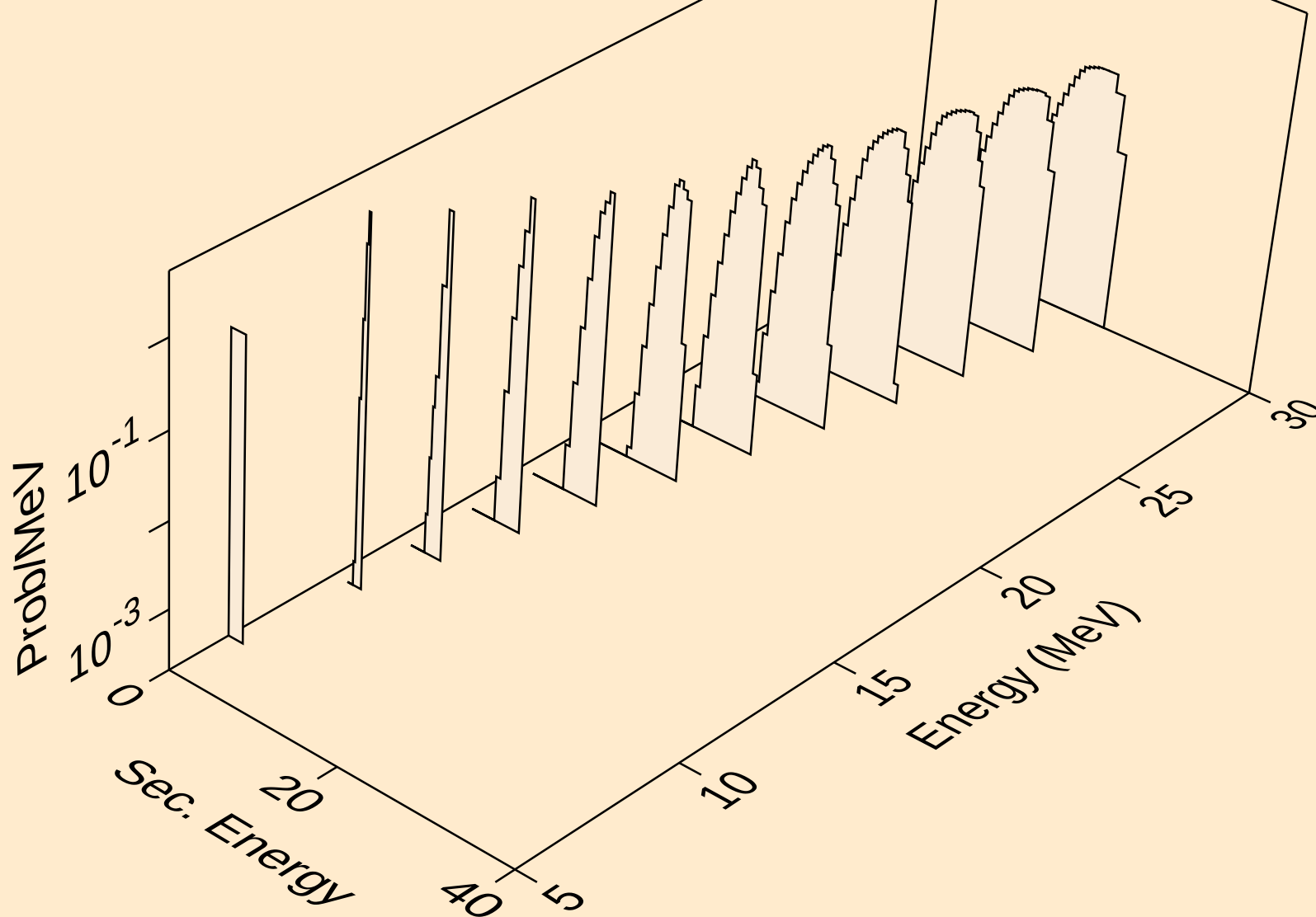
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



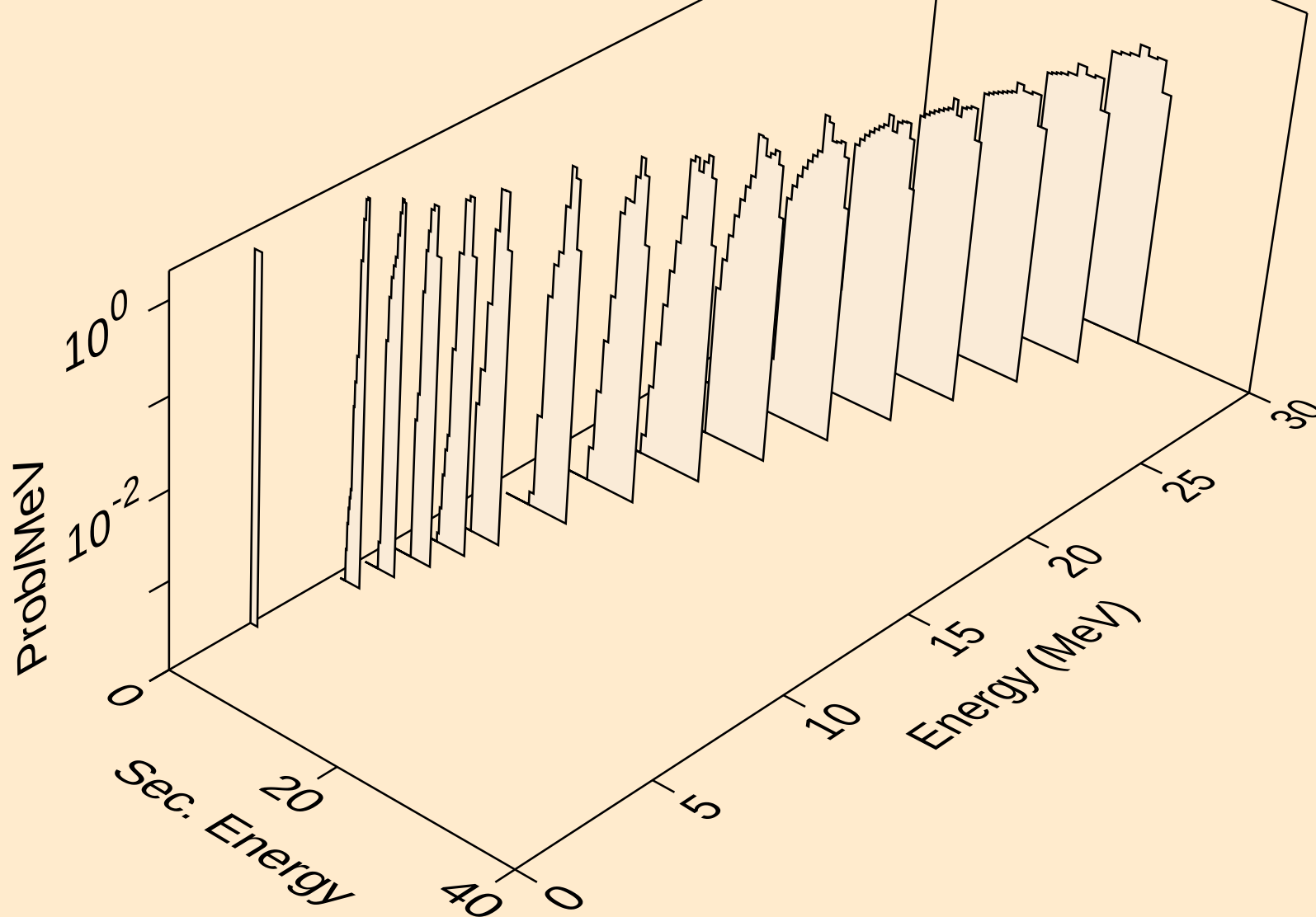
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,2nd)



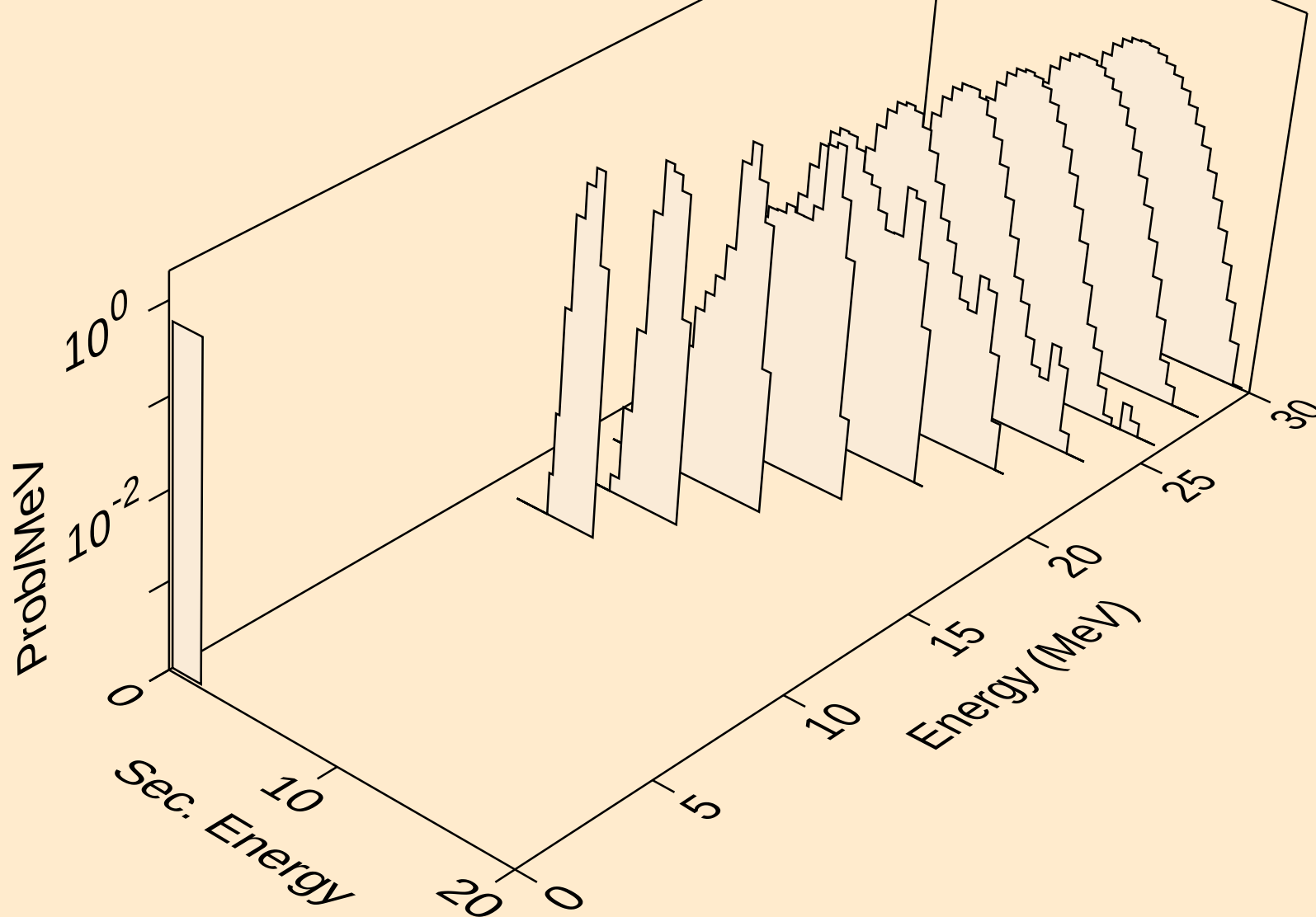
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
deuterons from  $(p,n^*)d$



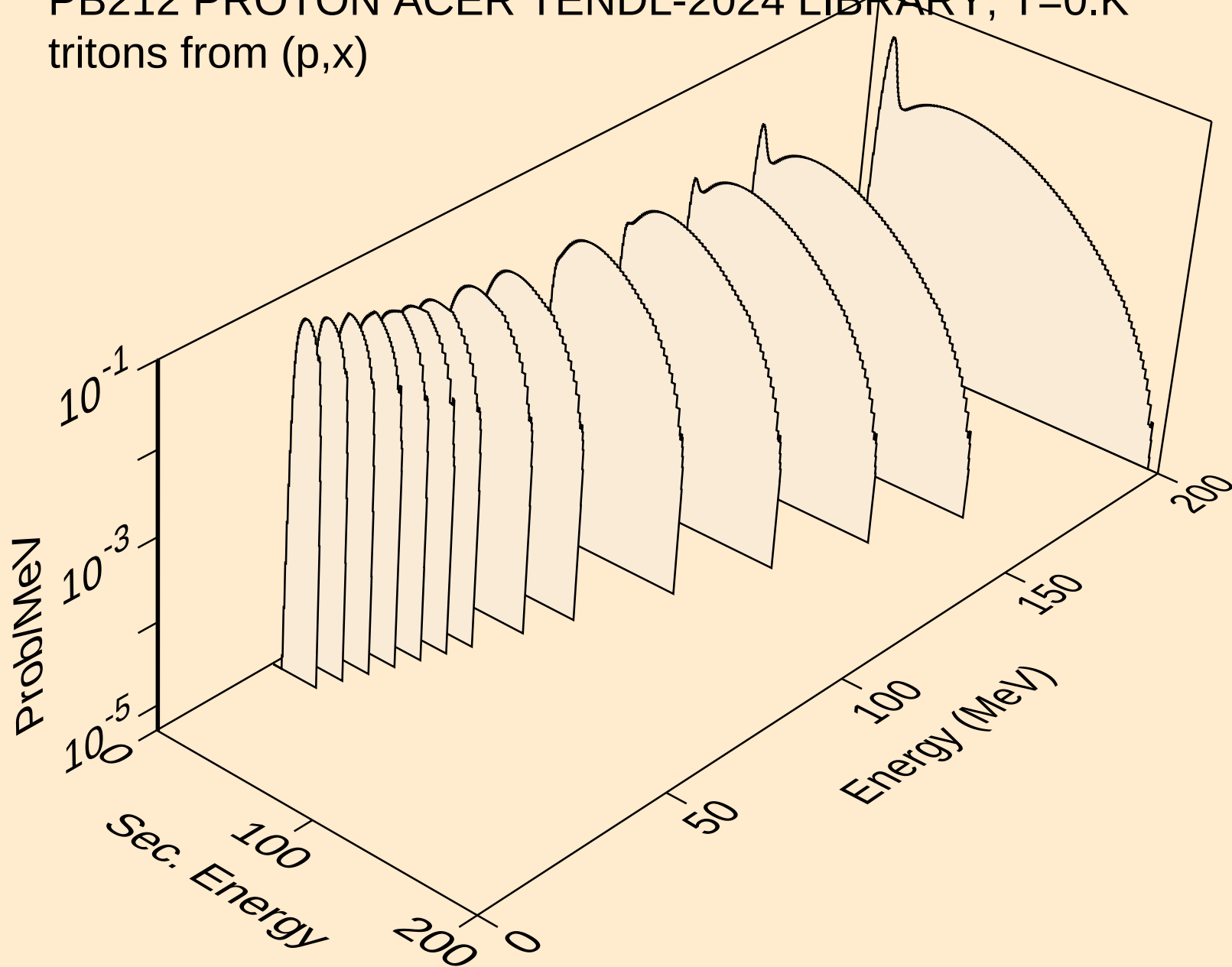
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d)



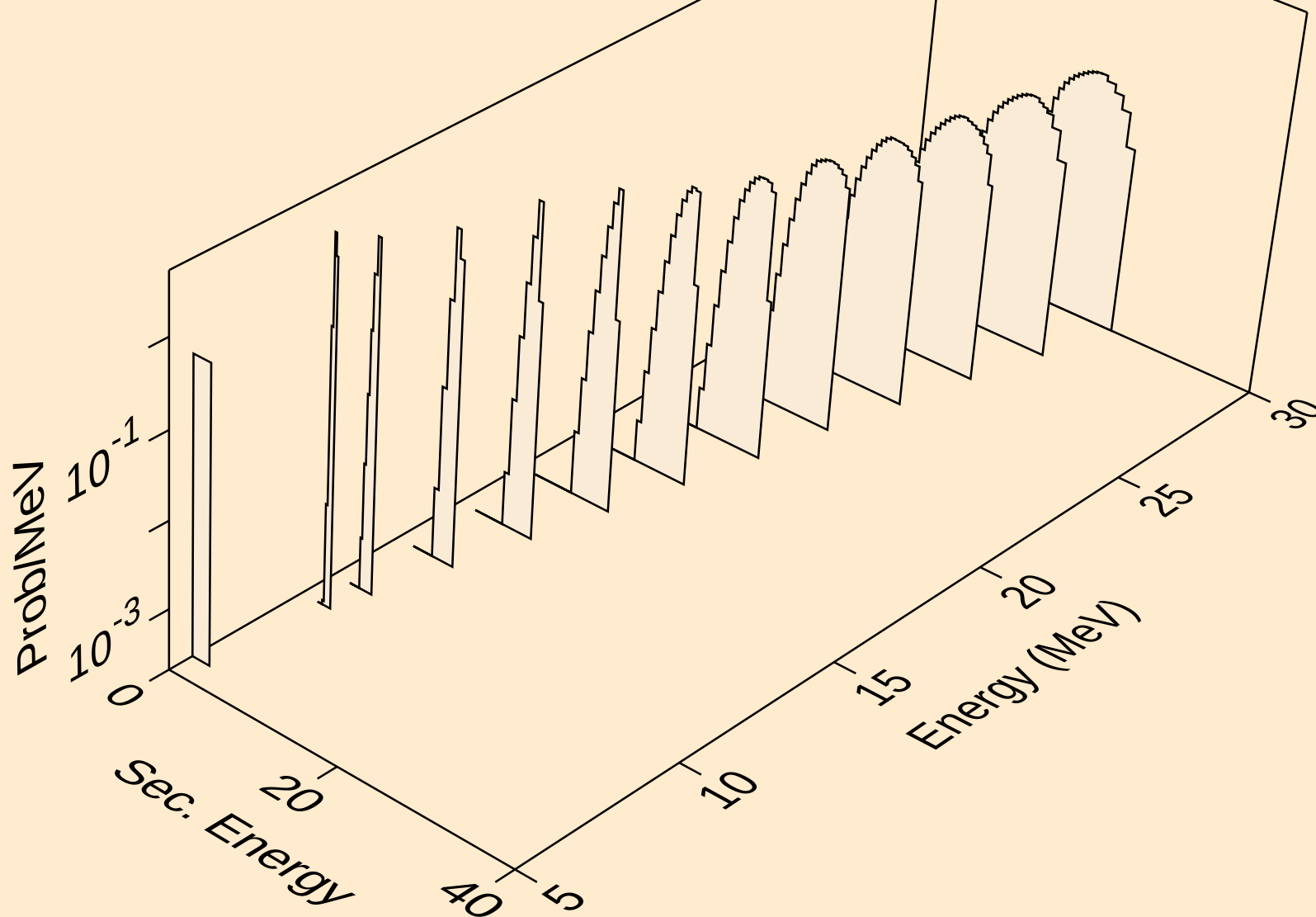
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,da)



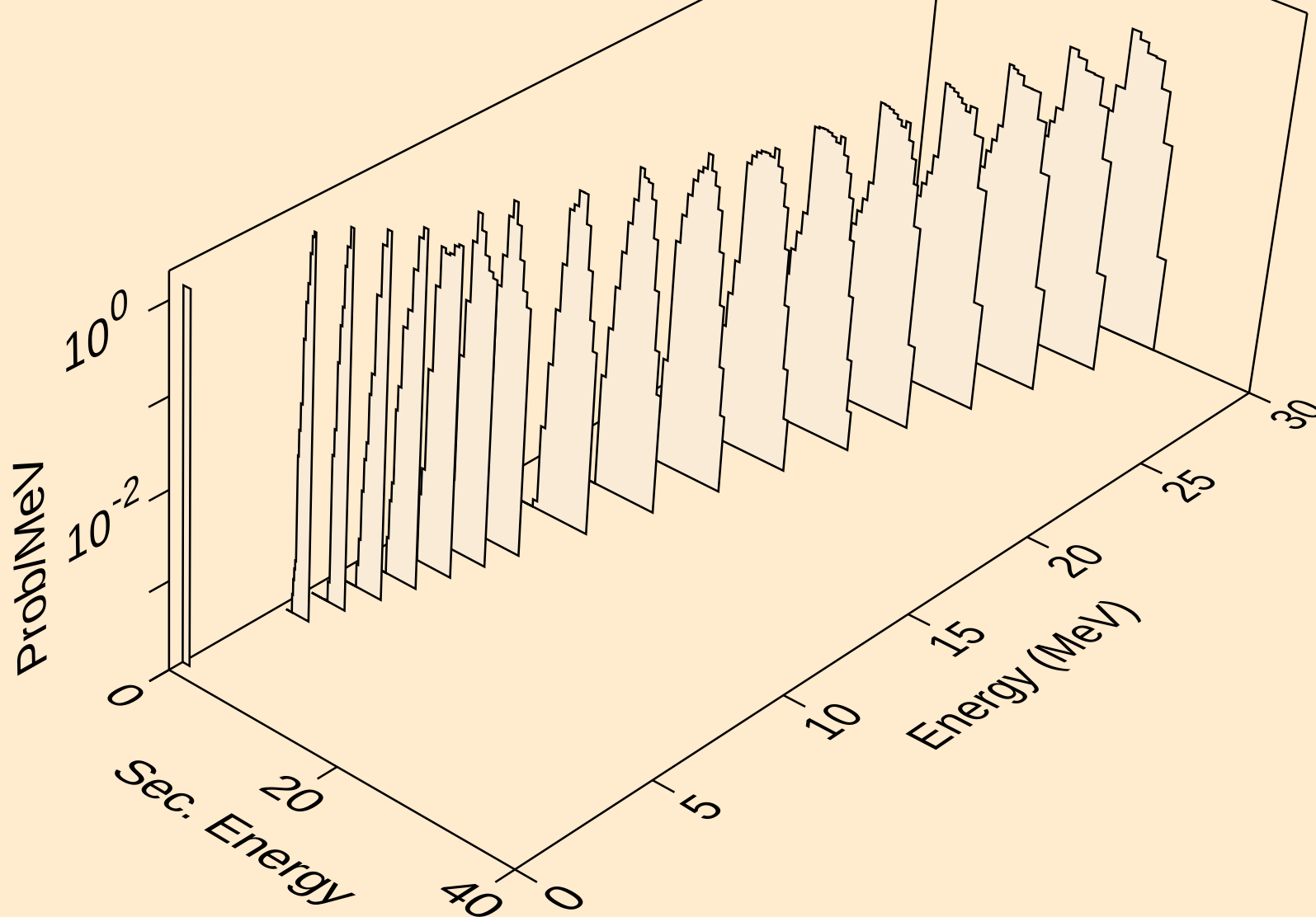
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



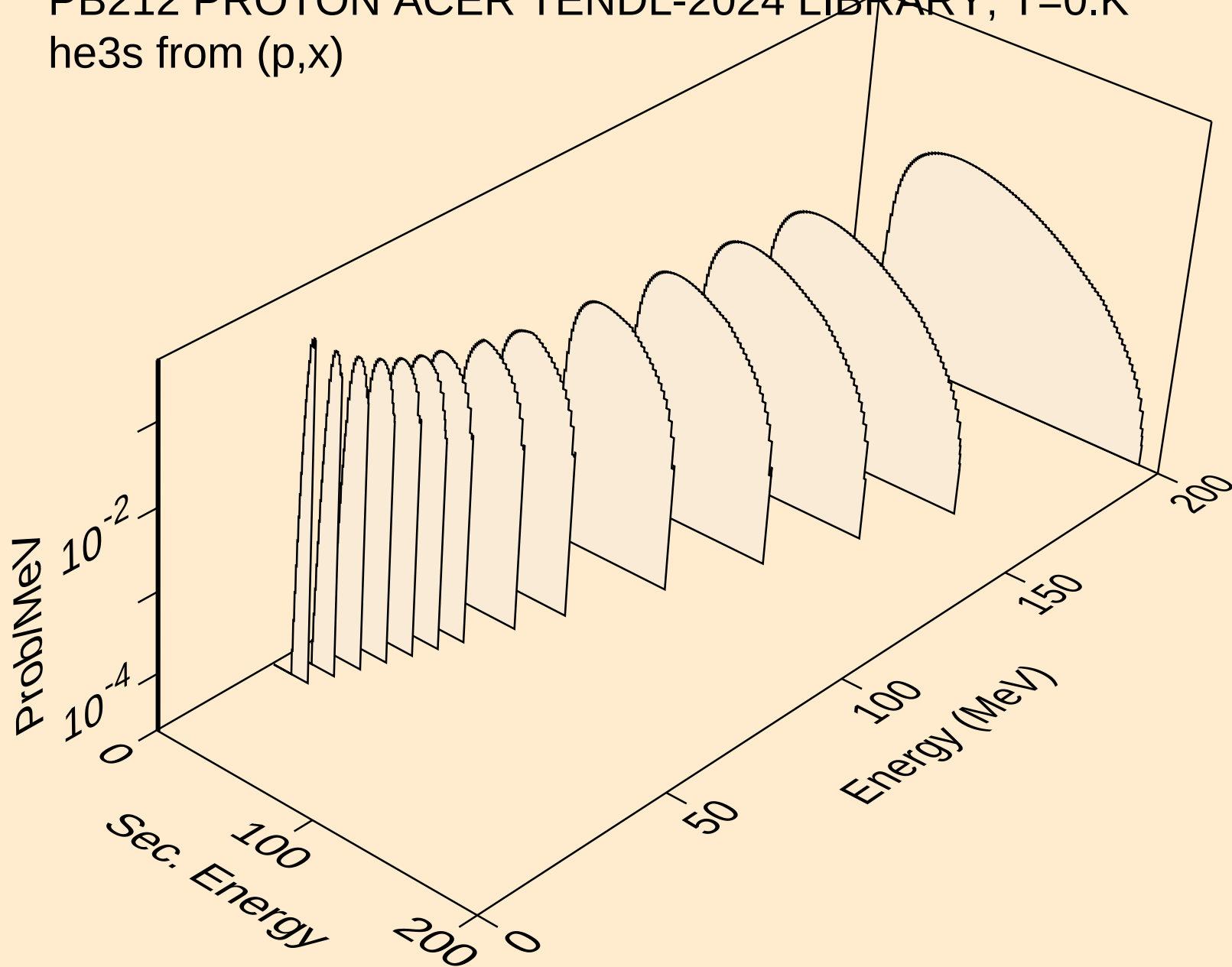
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
tritons from  $(p,n^*)t$



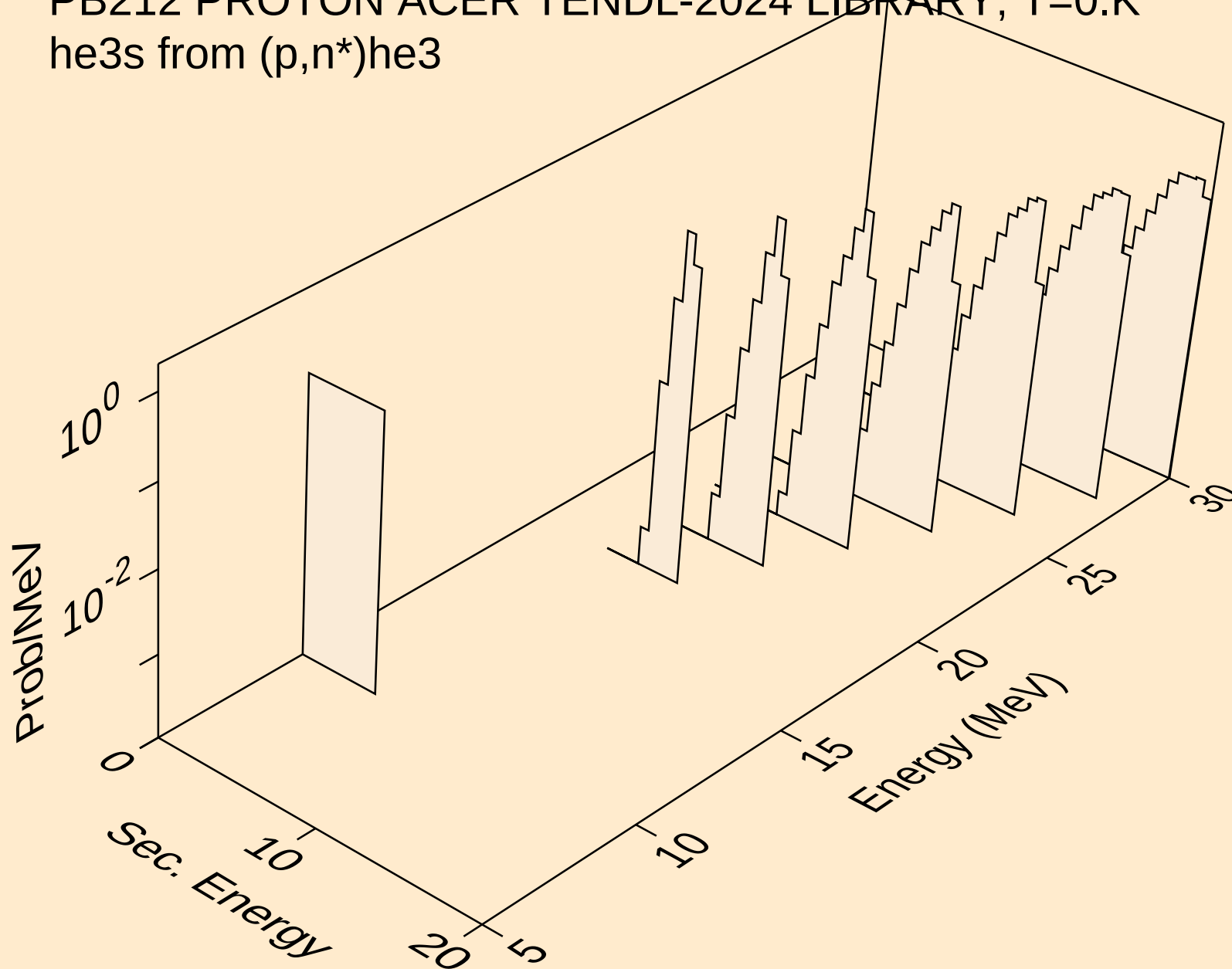
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



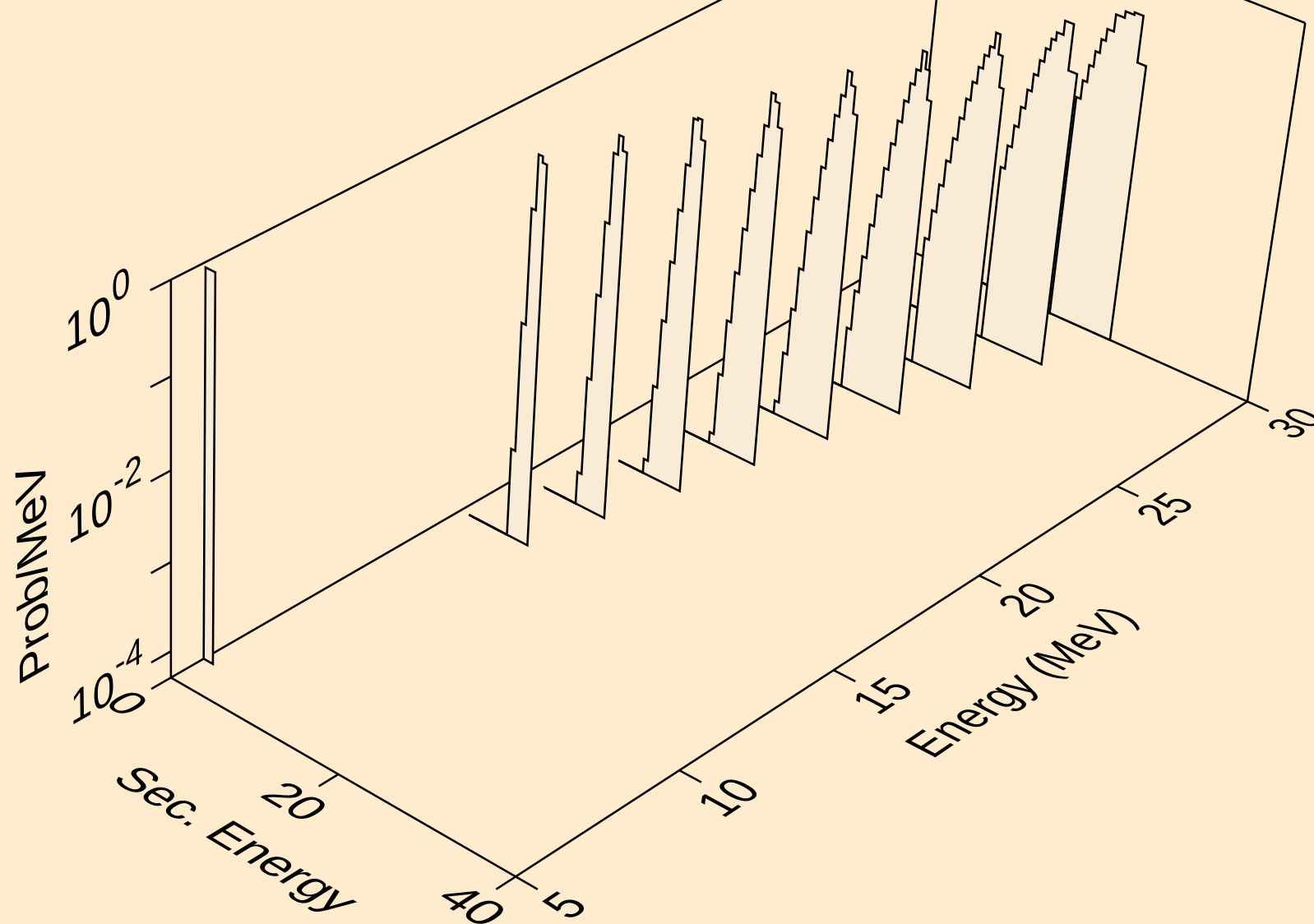
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



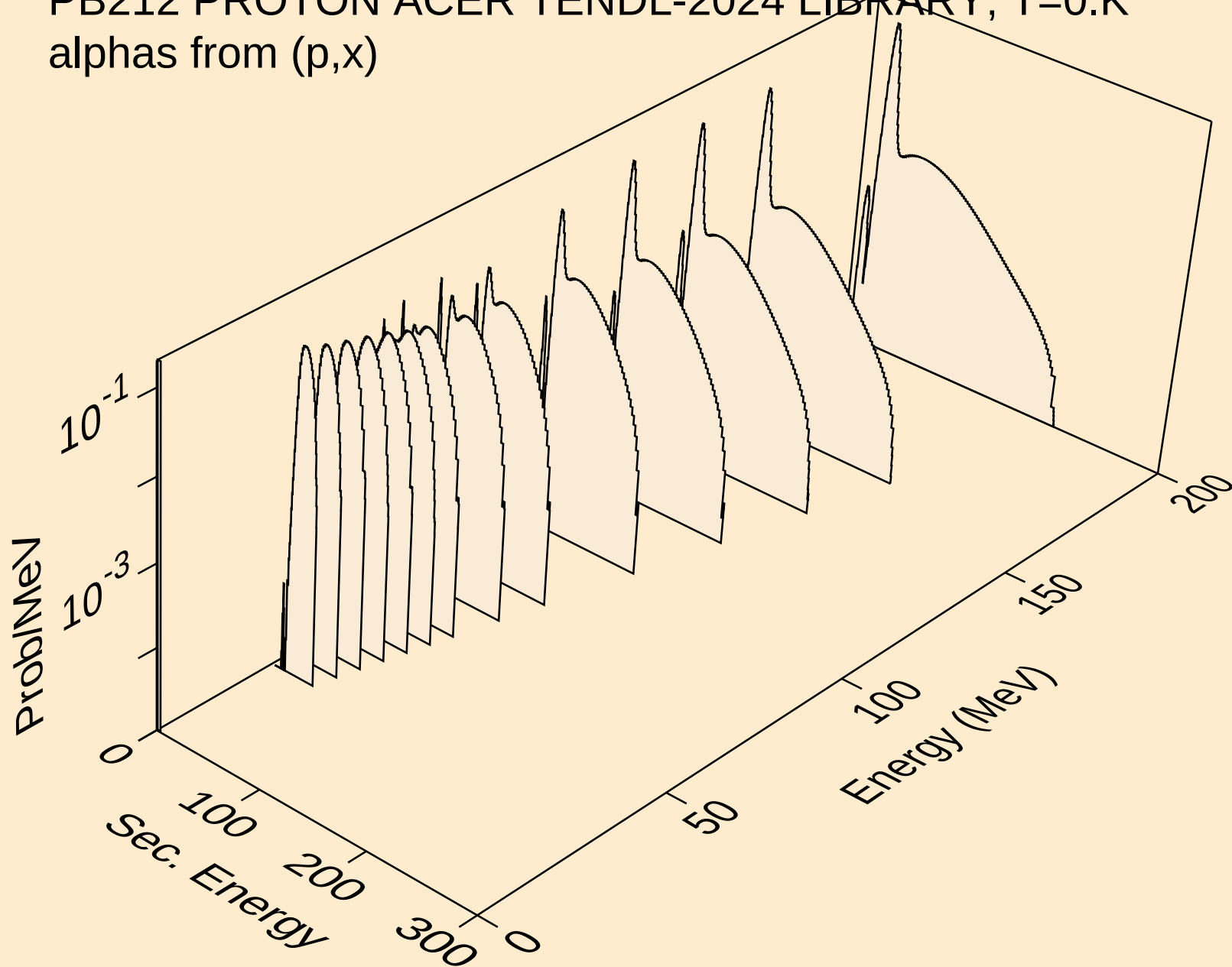
PB212 PROTON ACER TENDL-2024 LIBRARY;  $T=0.K$   
he3s from (p,n\*)he3



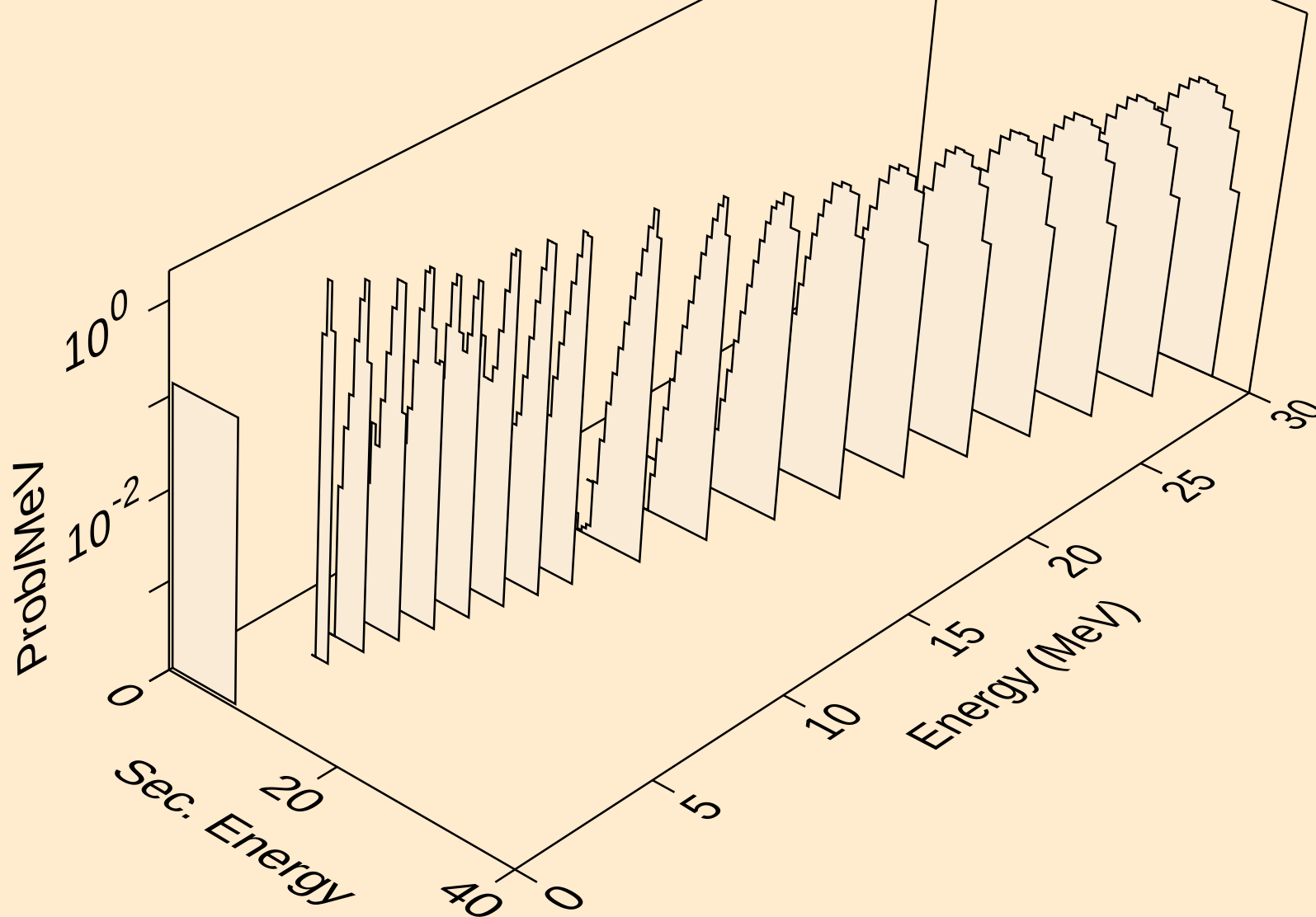
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,he3)



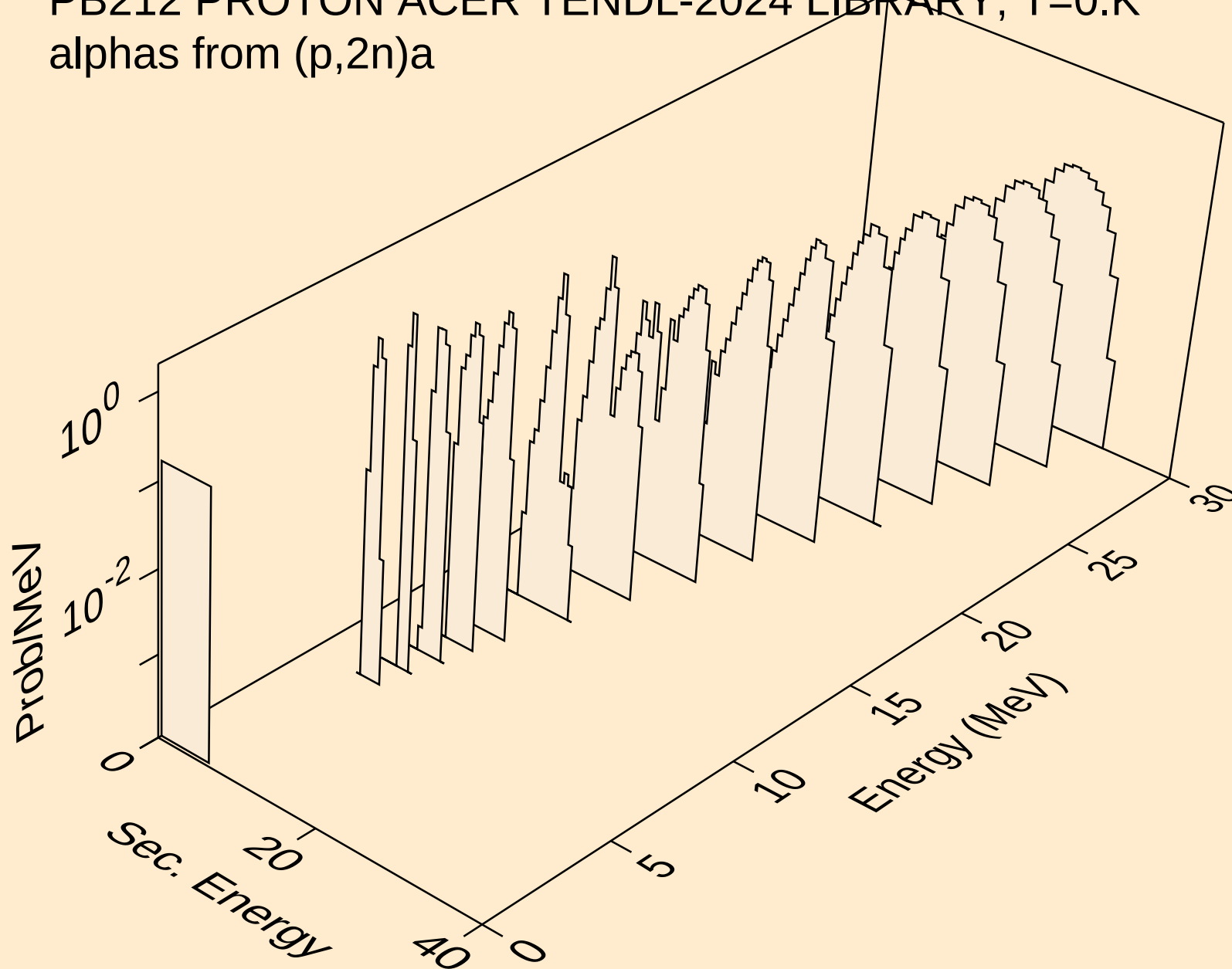
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



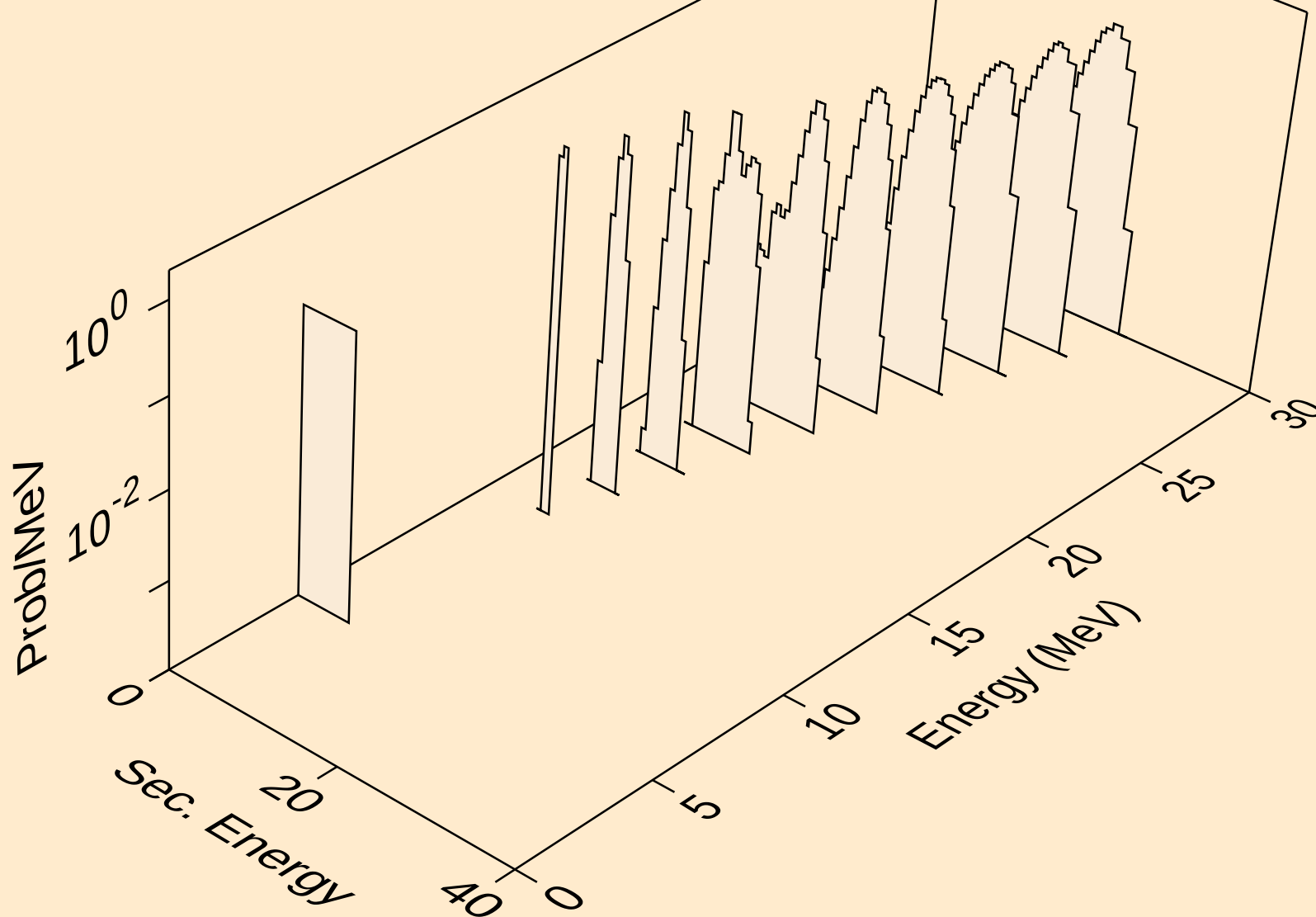
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



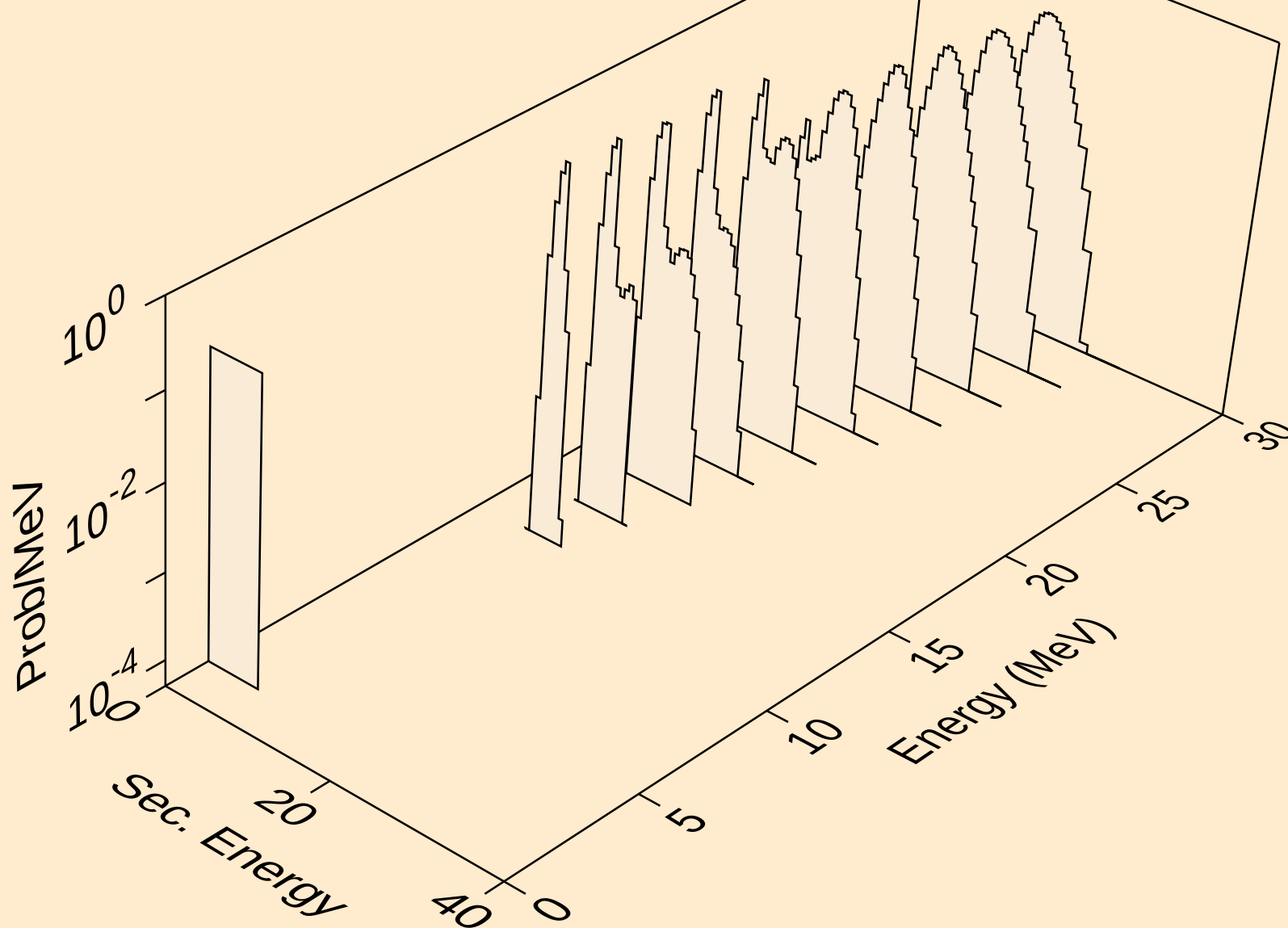
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



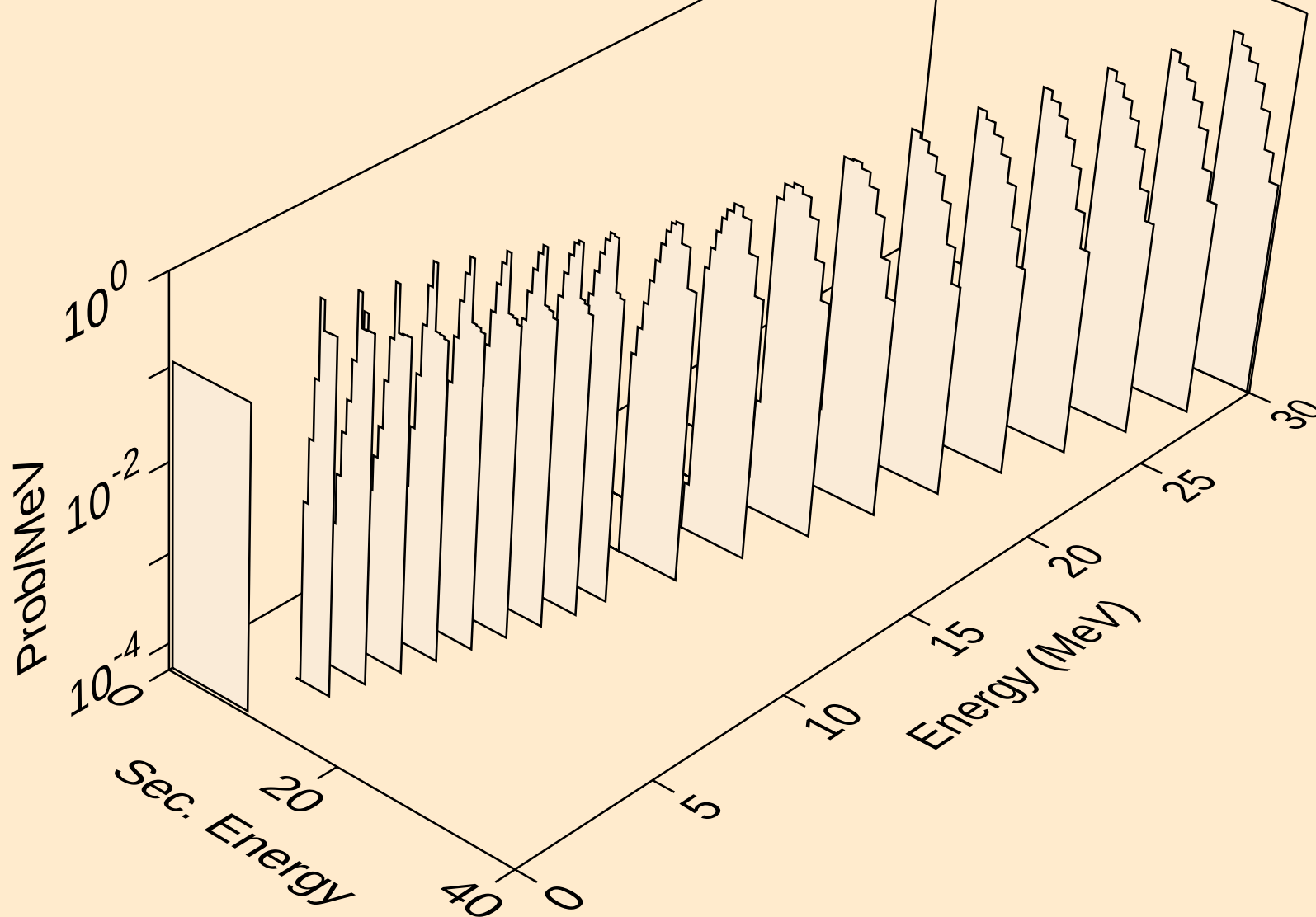
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3n)a



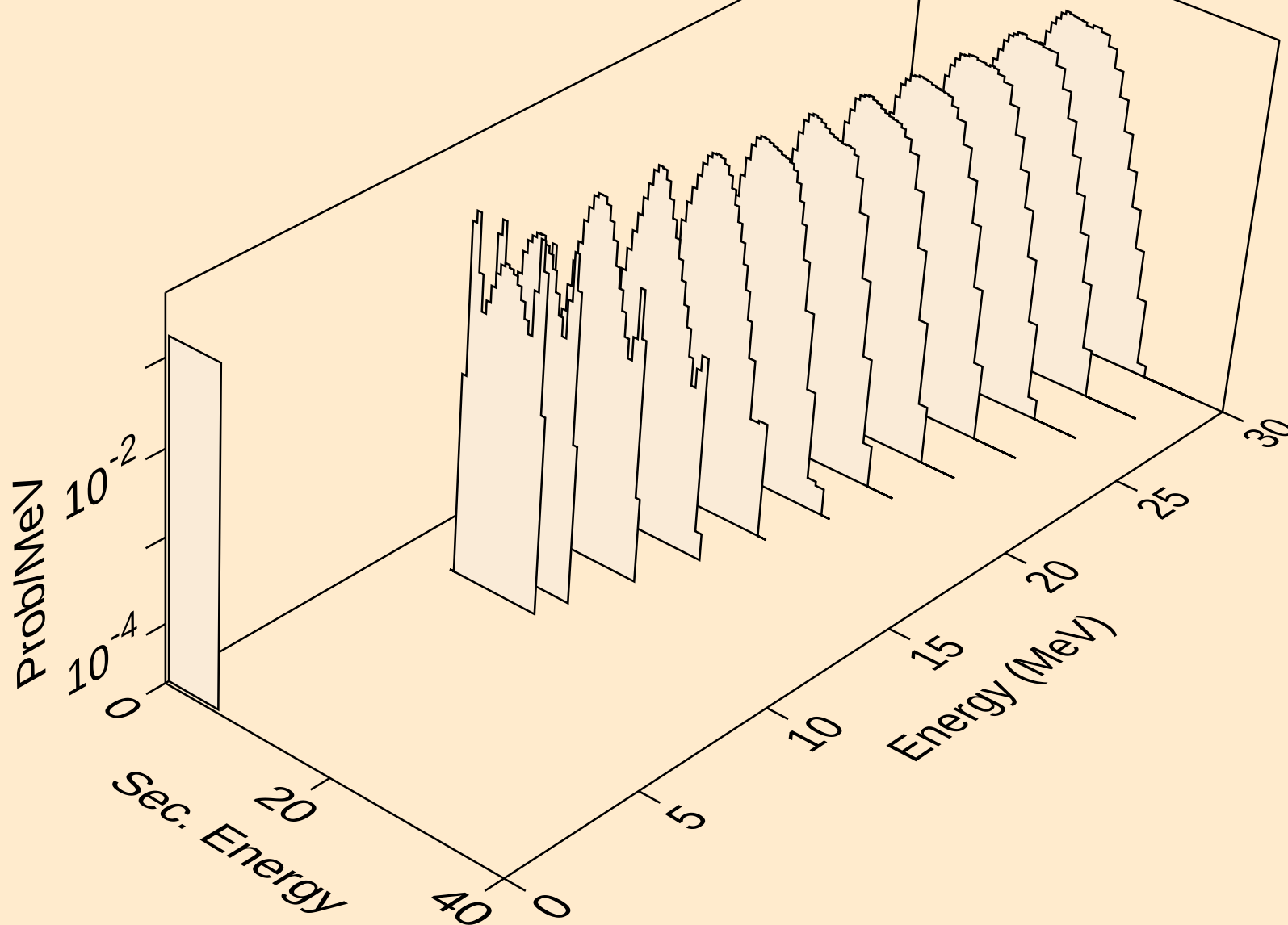
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,npa)



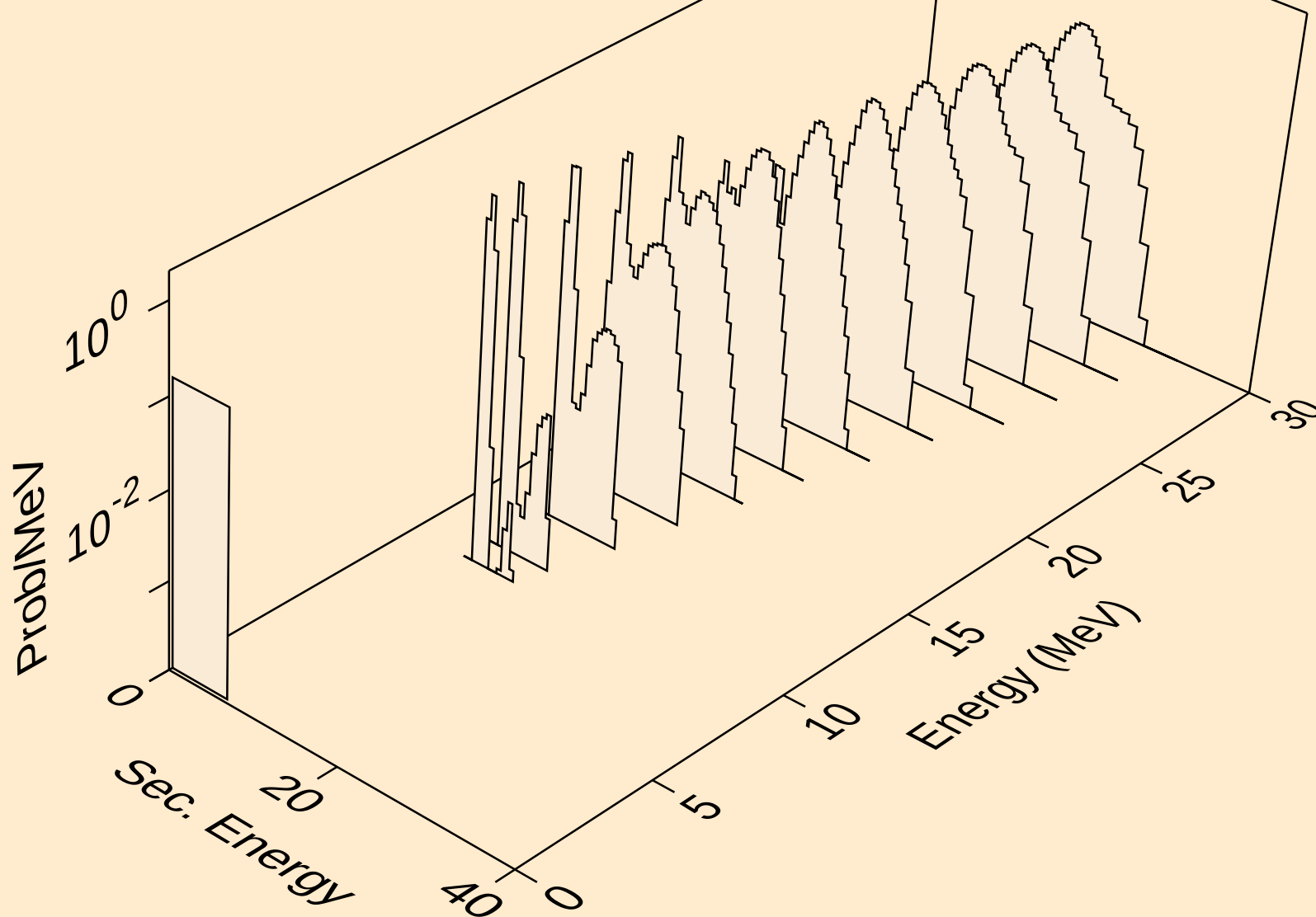
PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)



PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2a)



PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,pa)



PB212 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,da)

