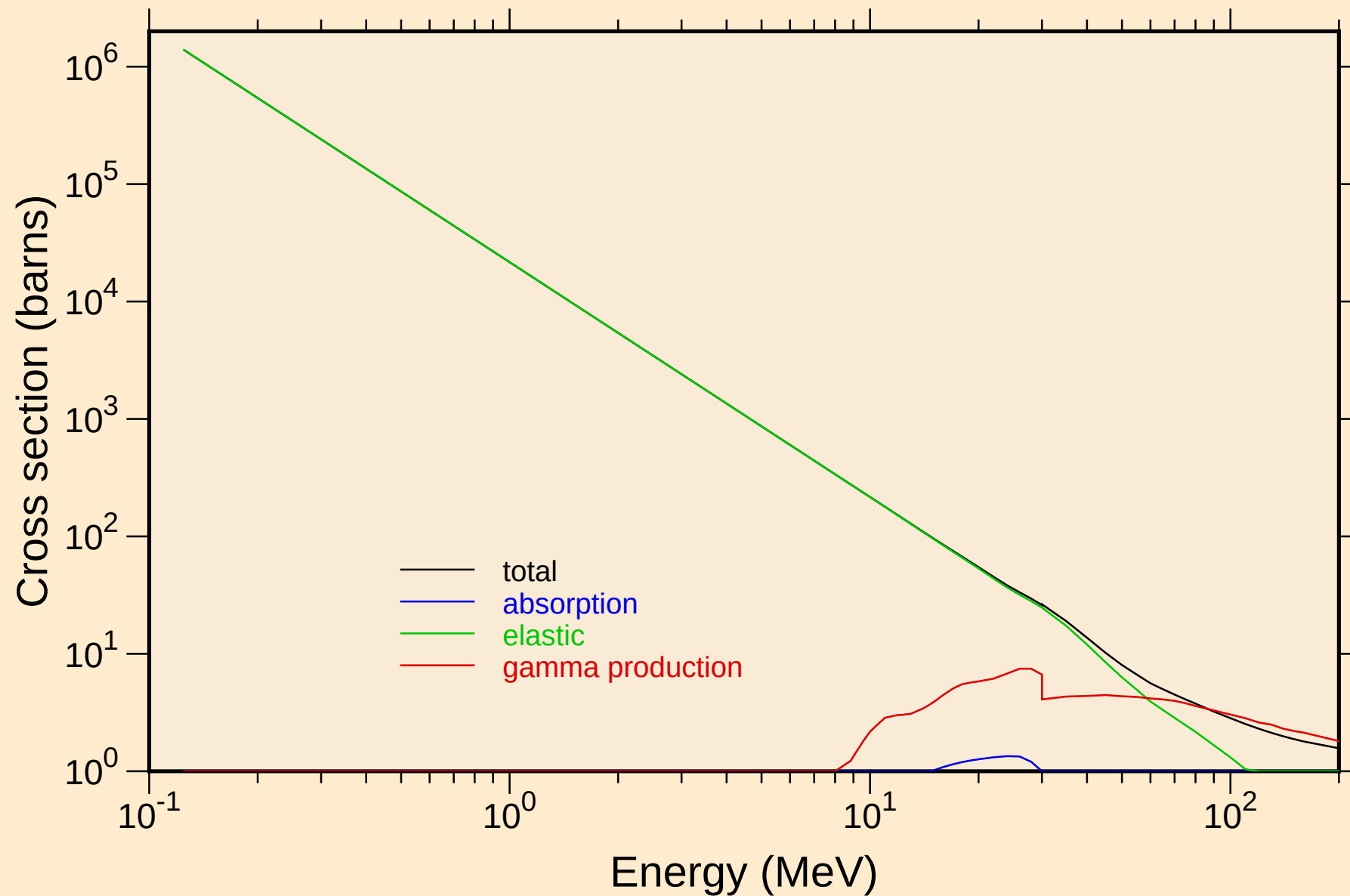


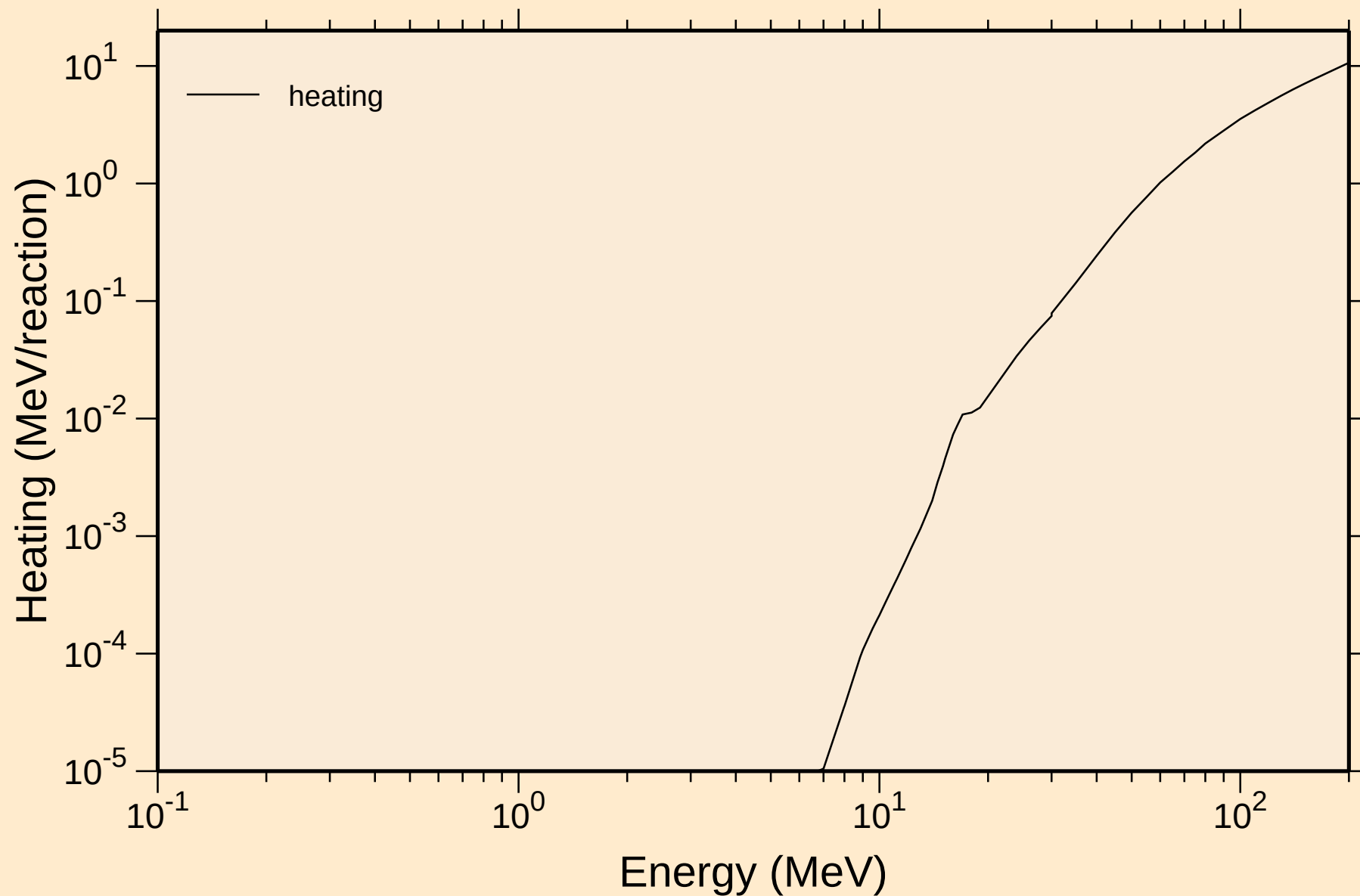
# PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



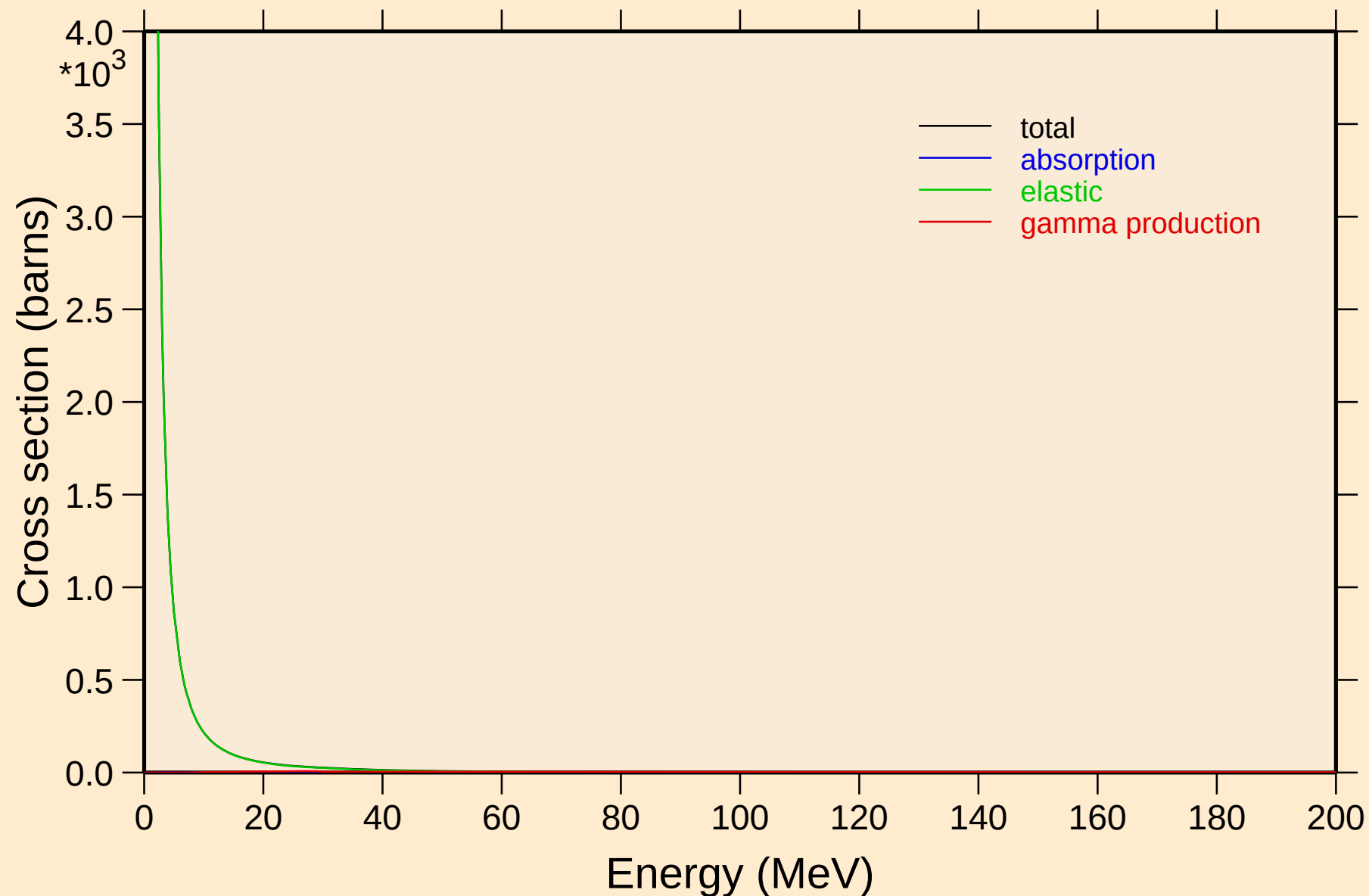
# PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



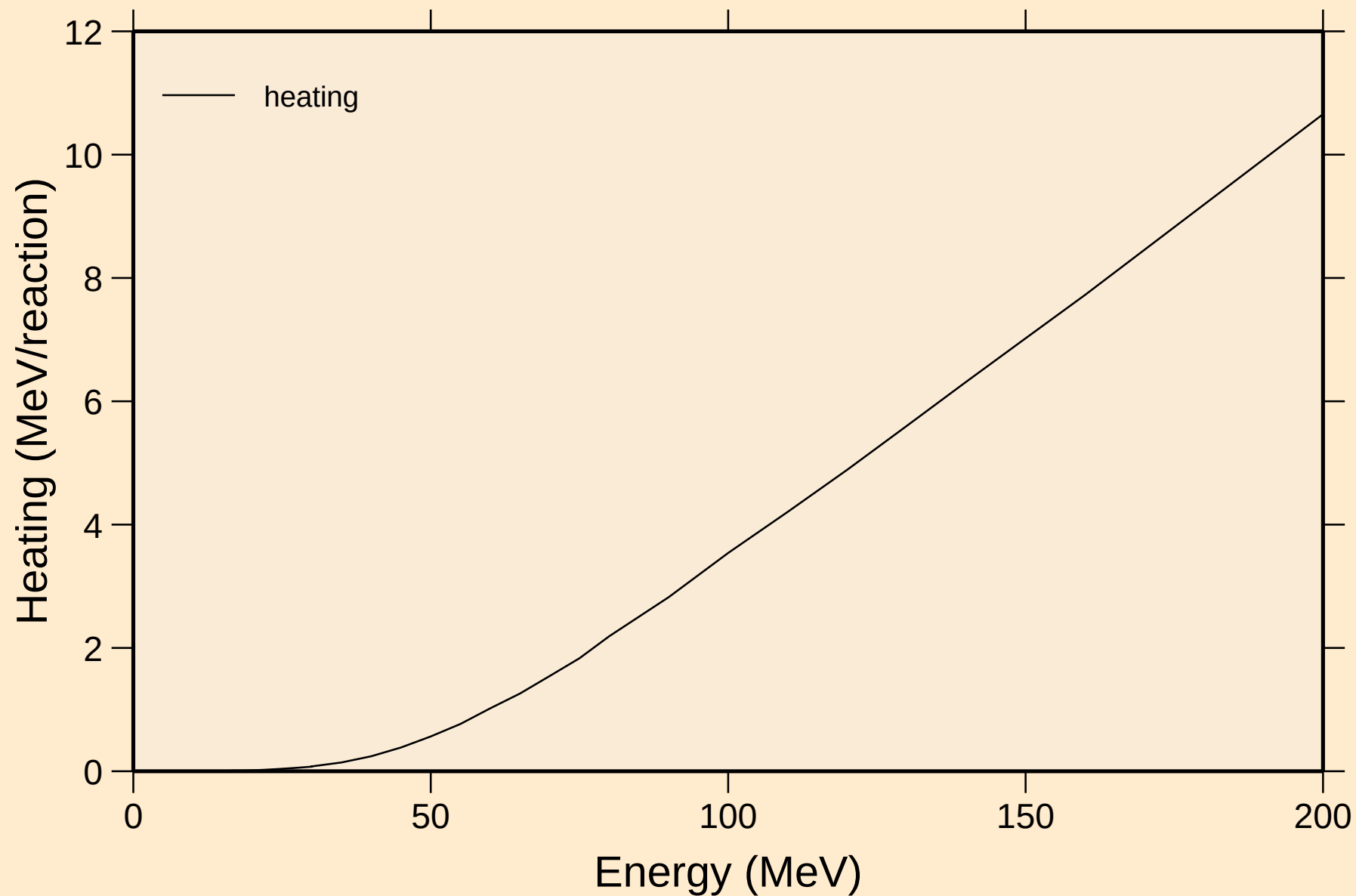
# PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



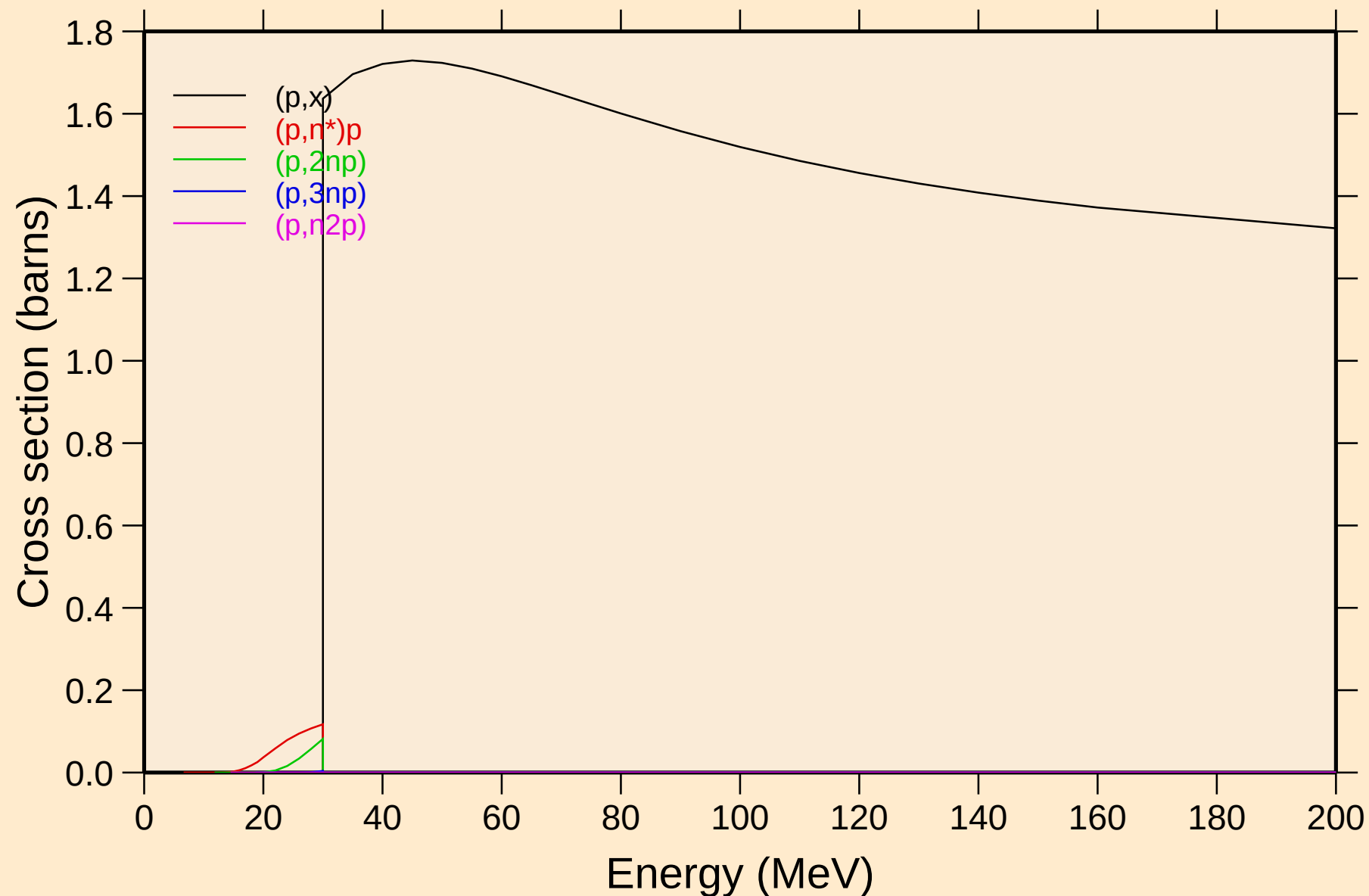
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



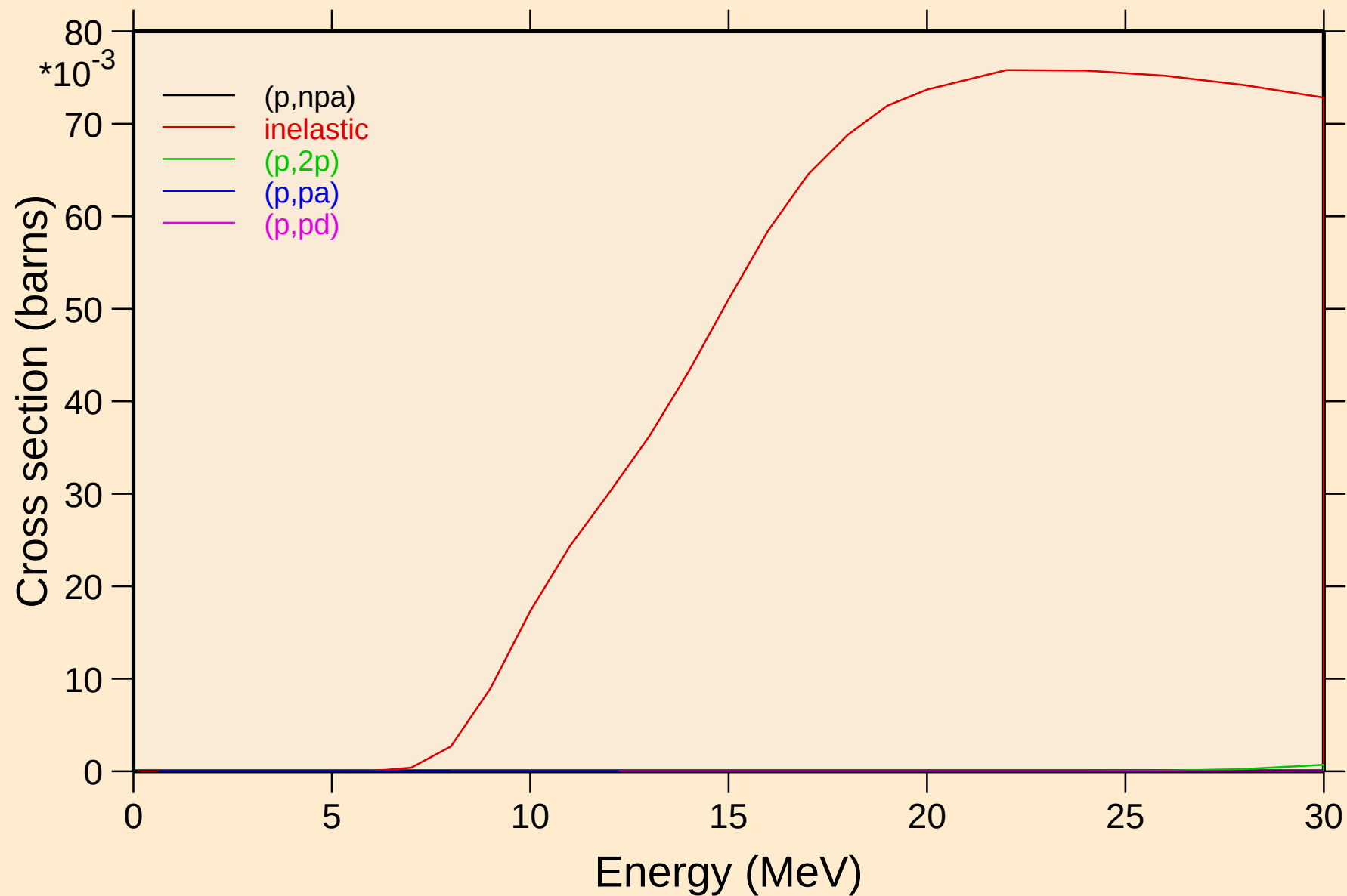
# PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



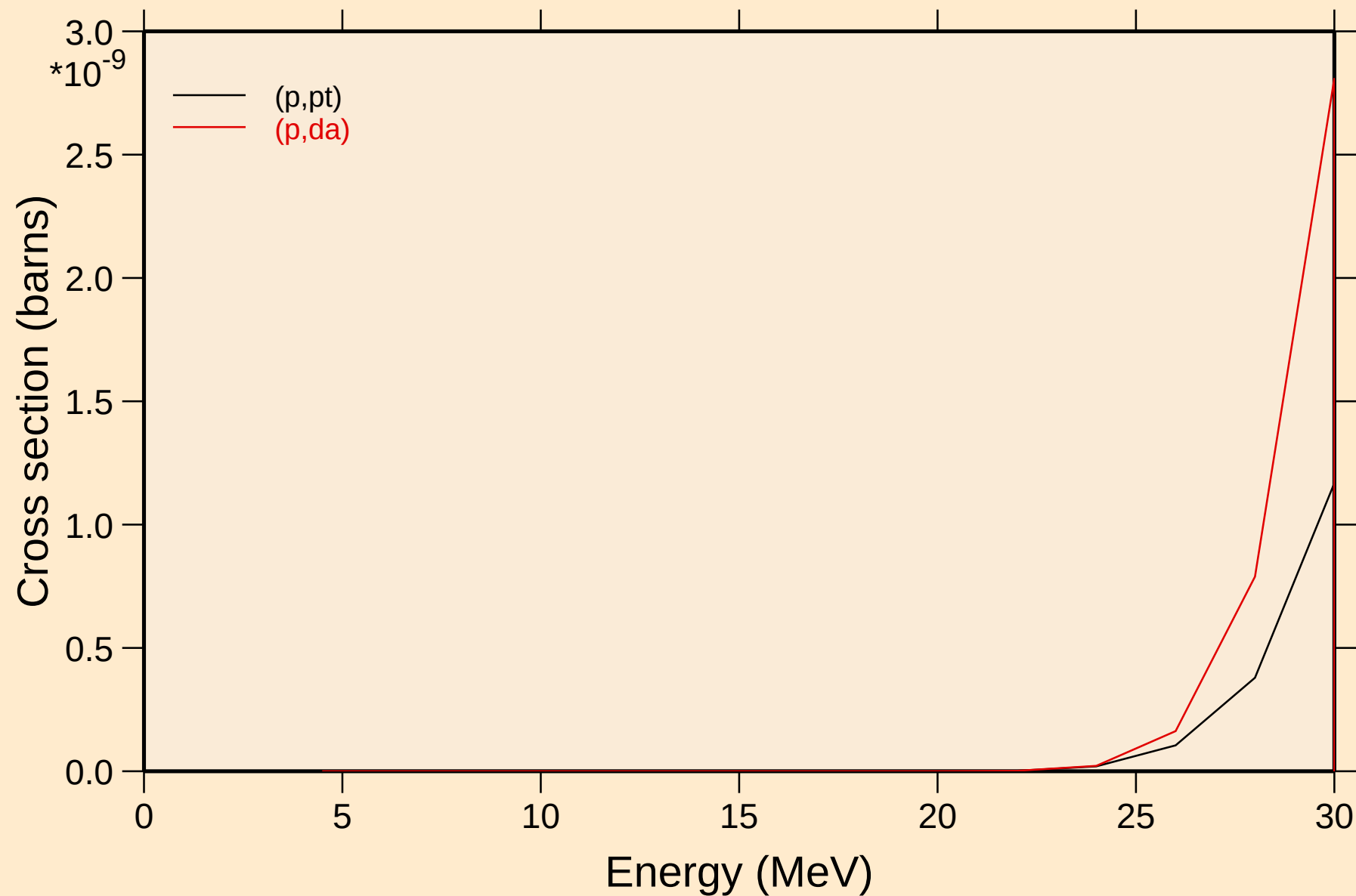
# PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

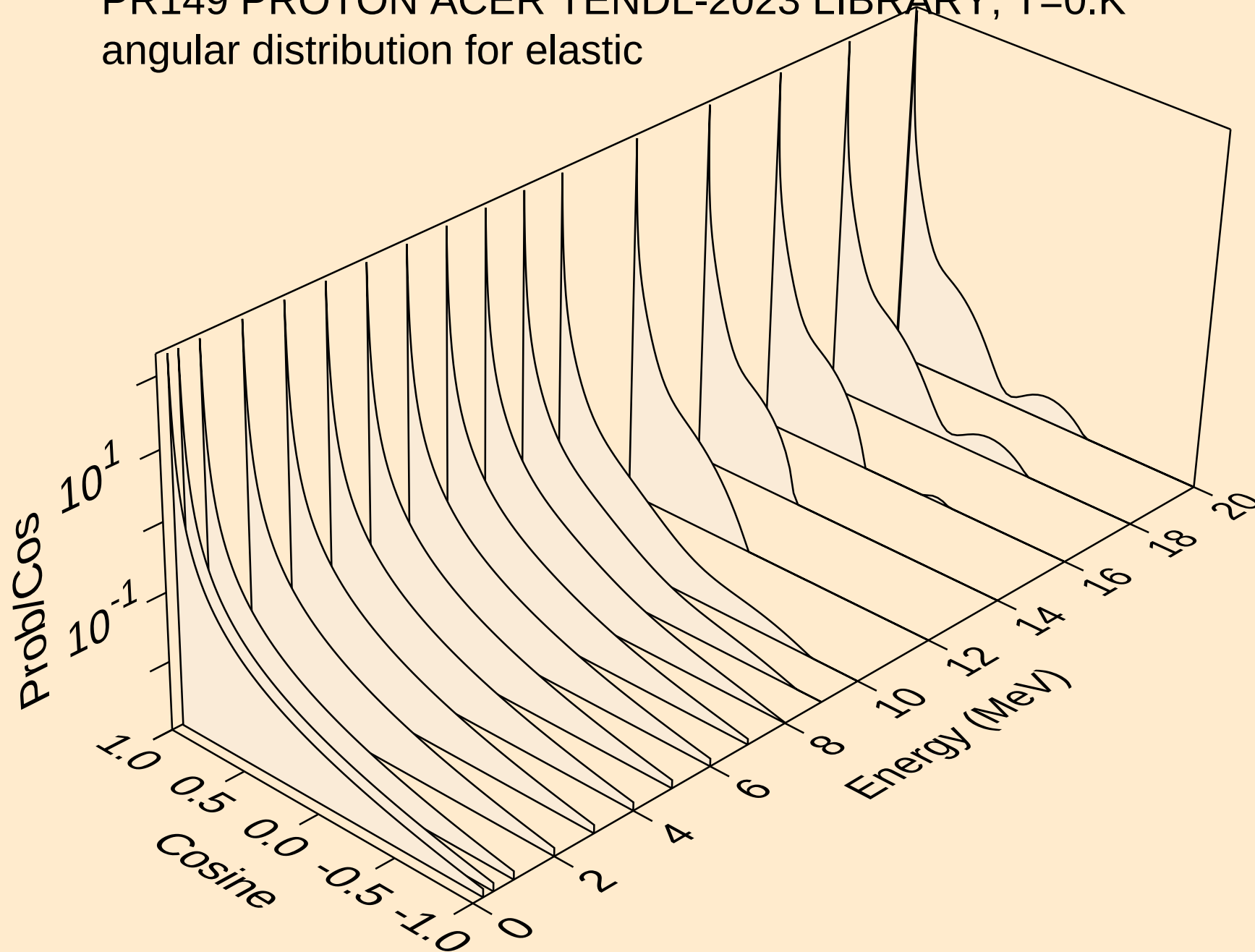


# PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

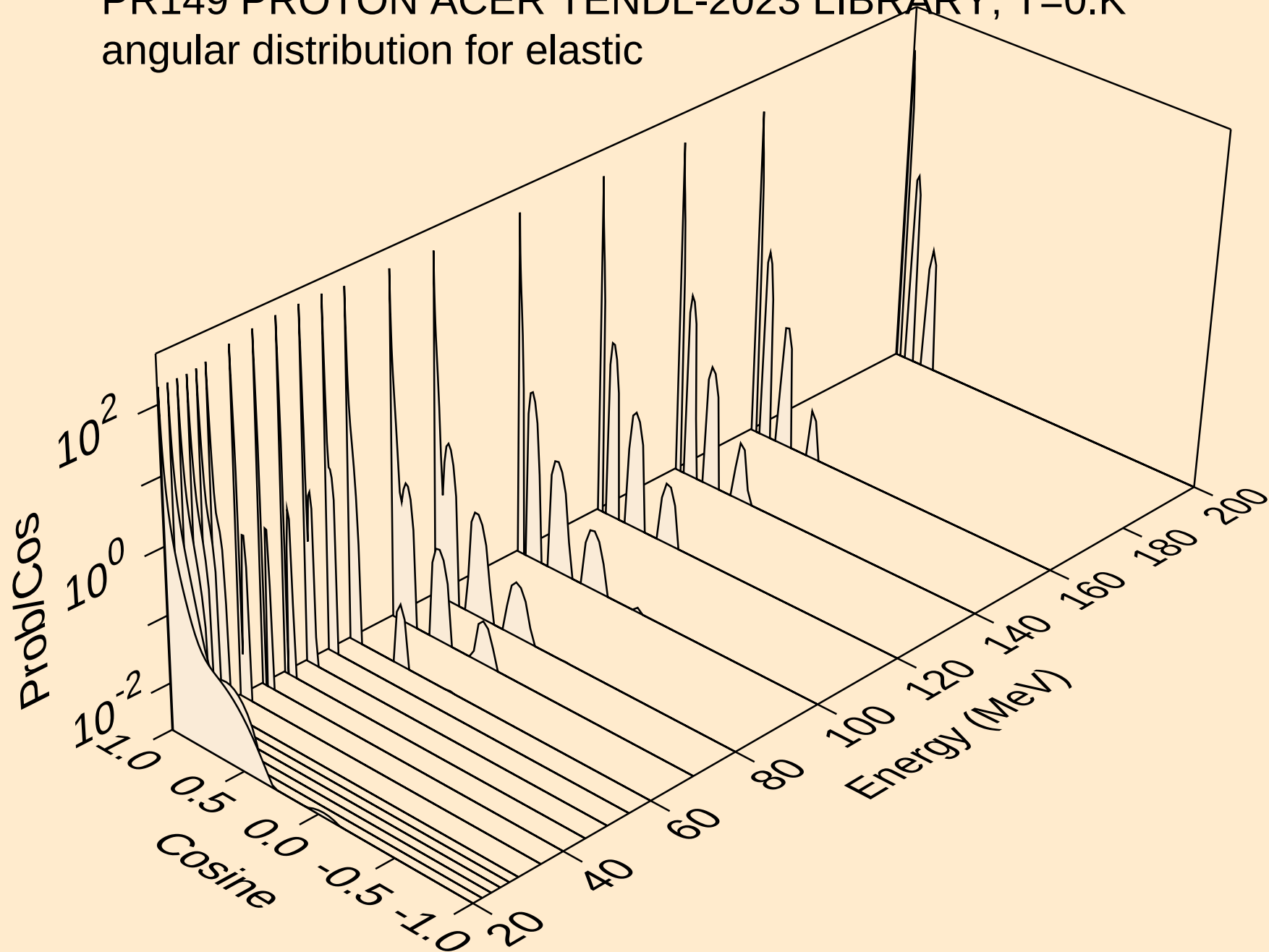


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

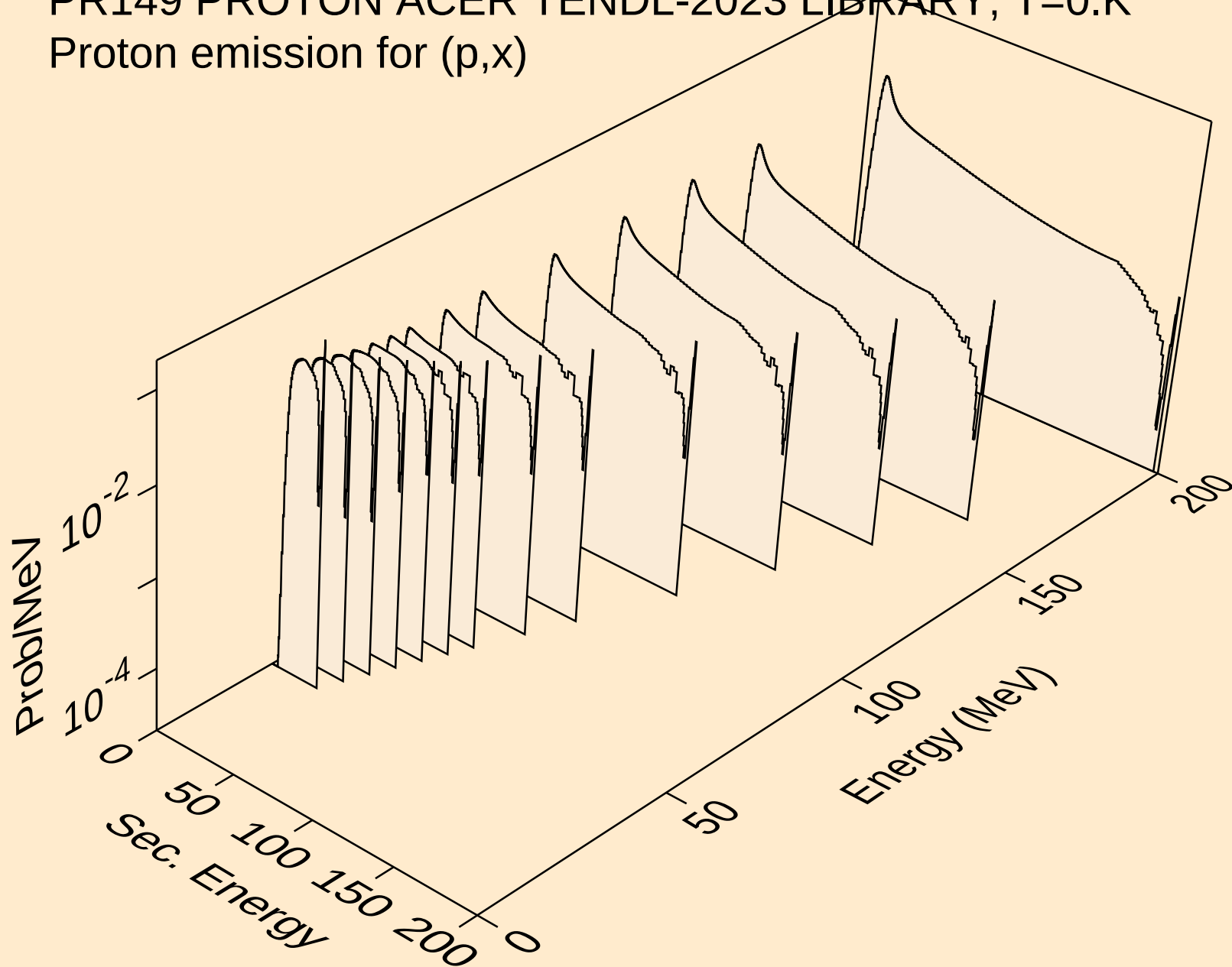




PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

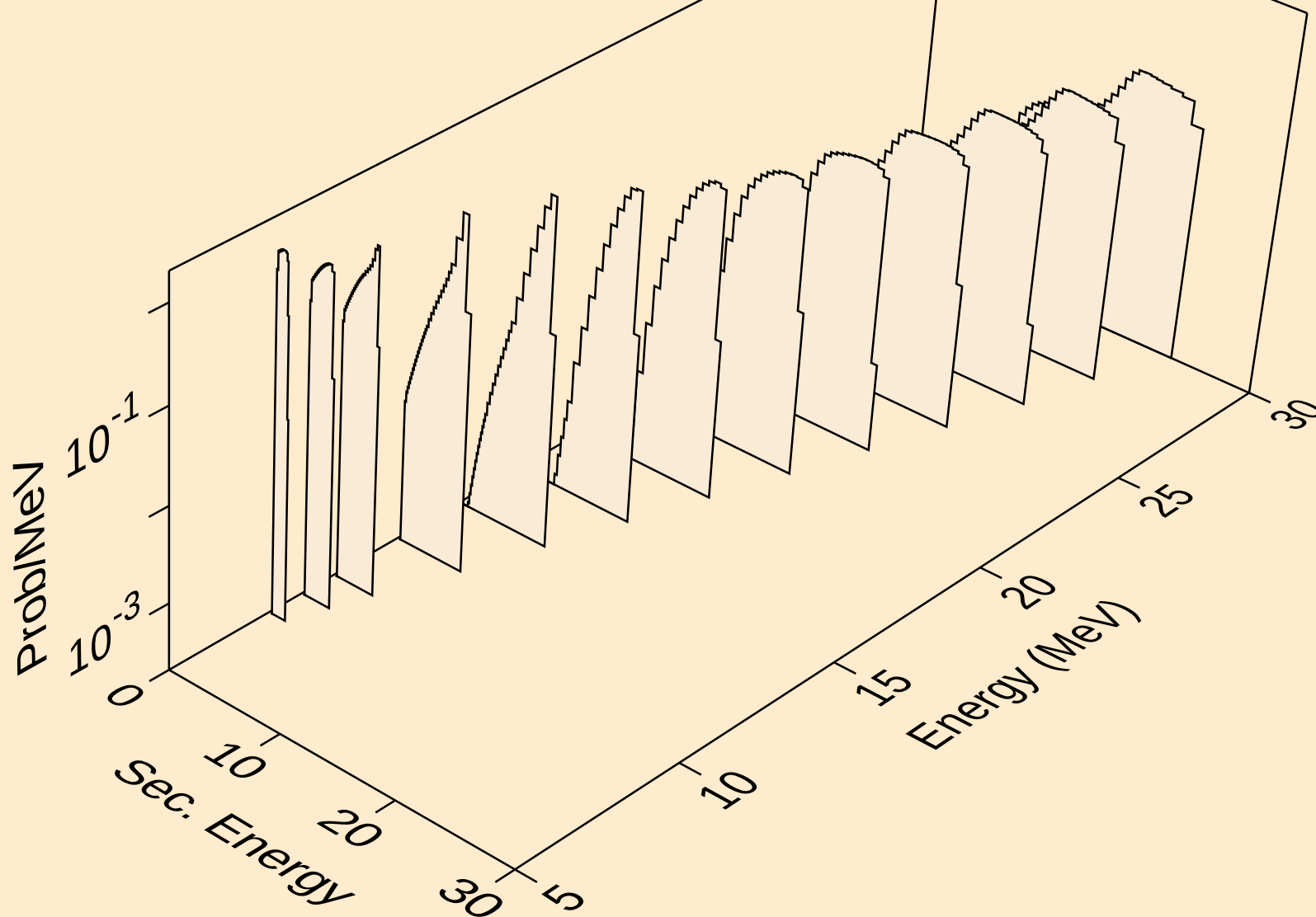


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)

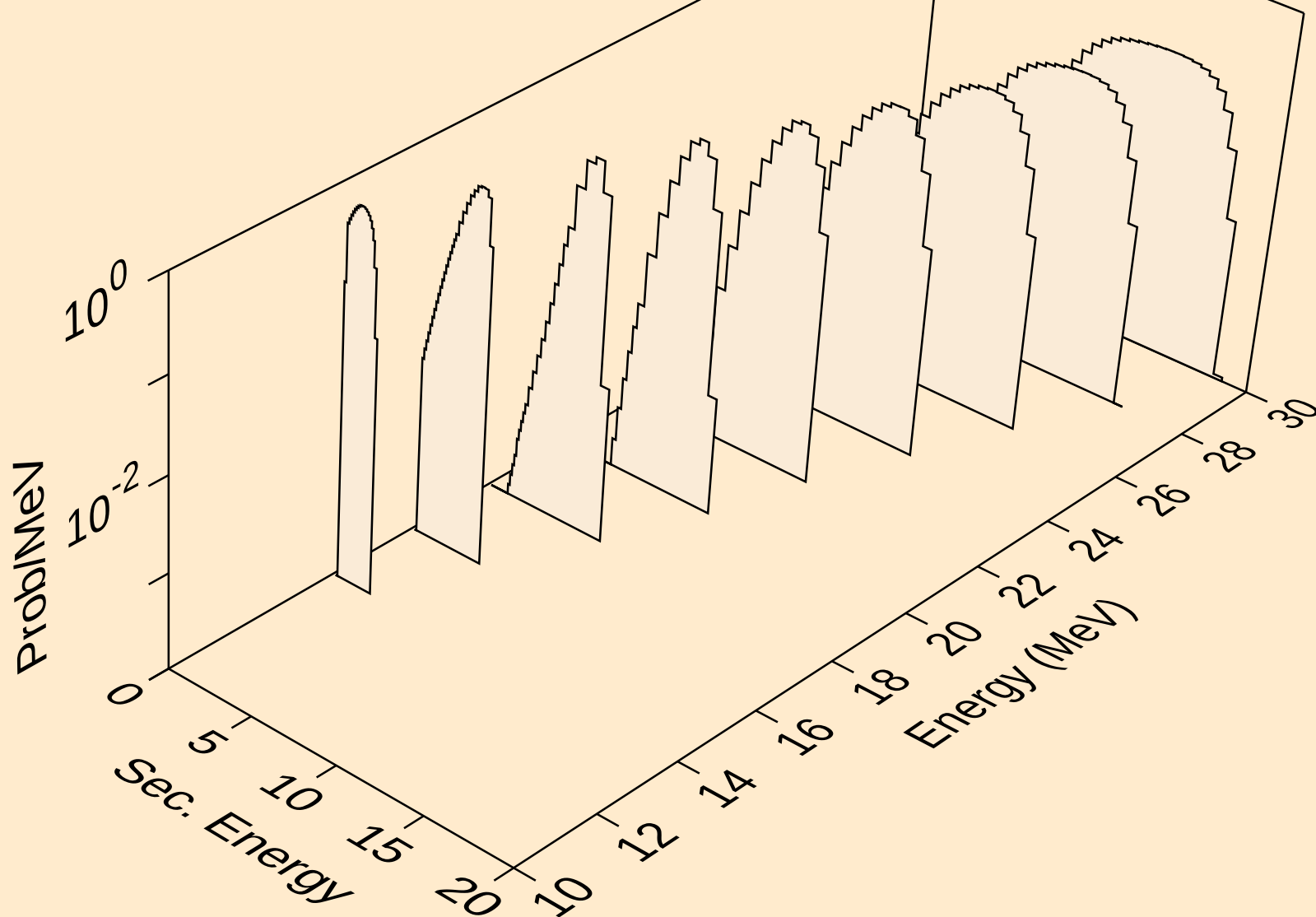


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

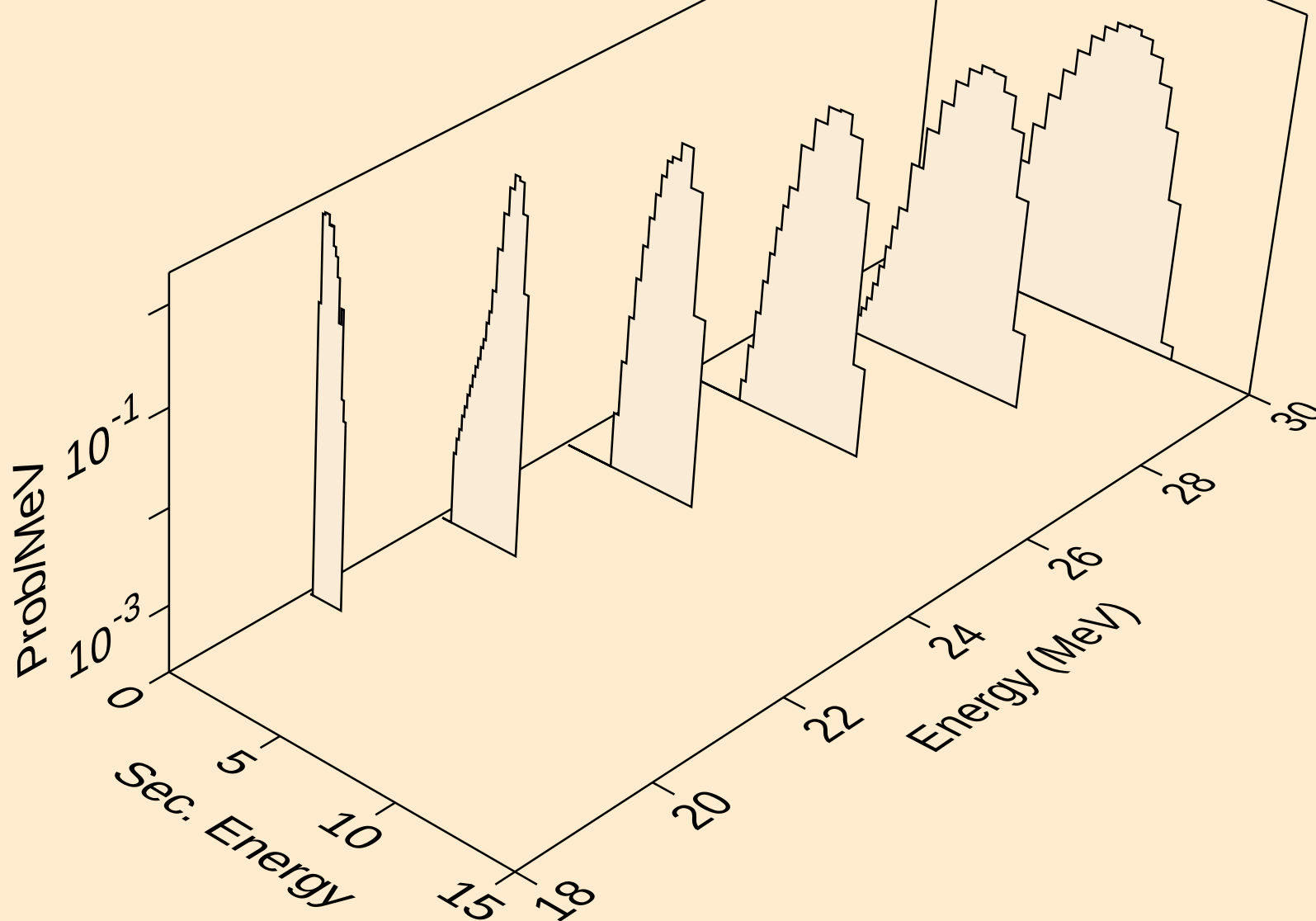
Proton emission for (p,n\*)p



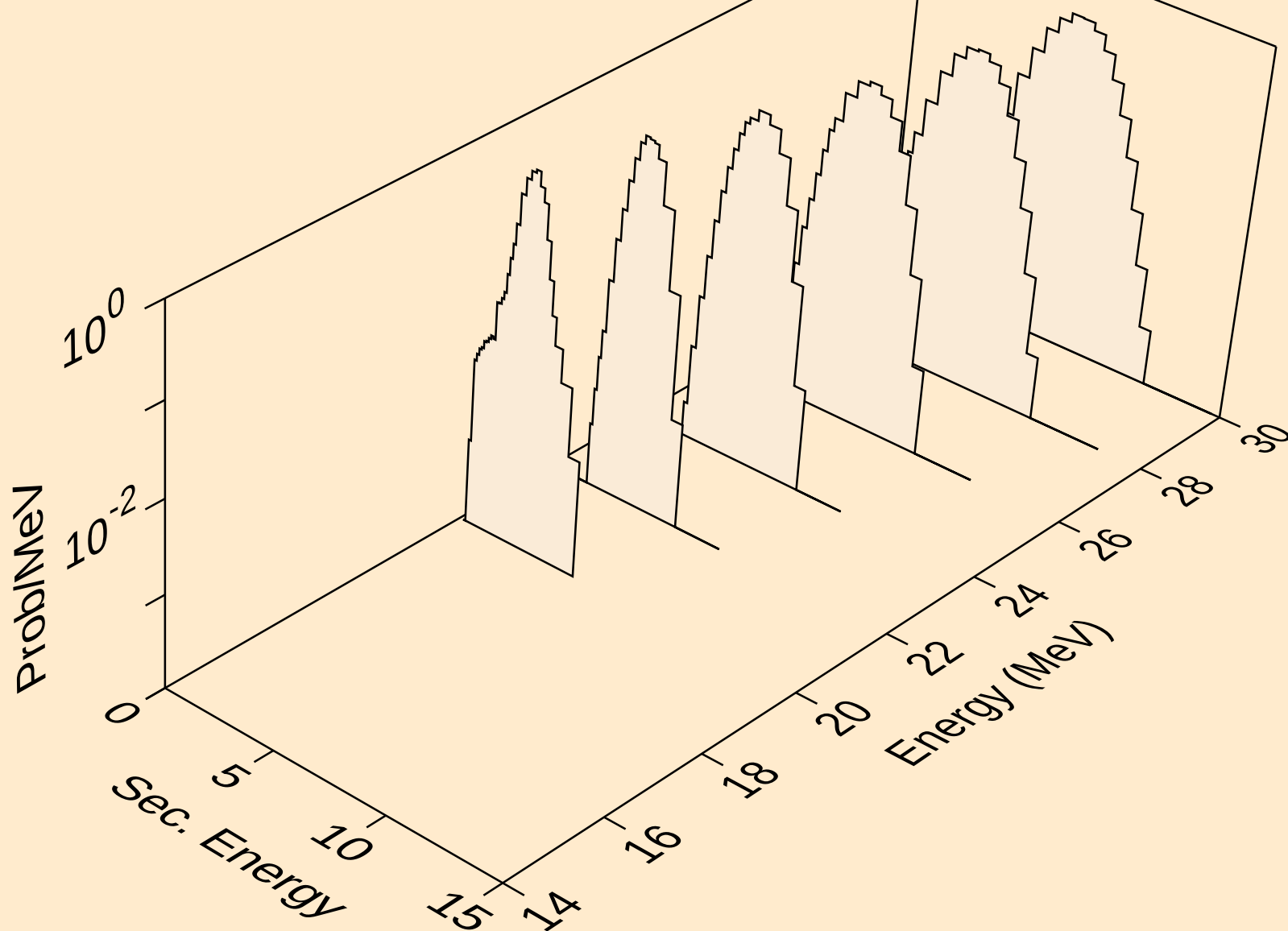
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



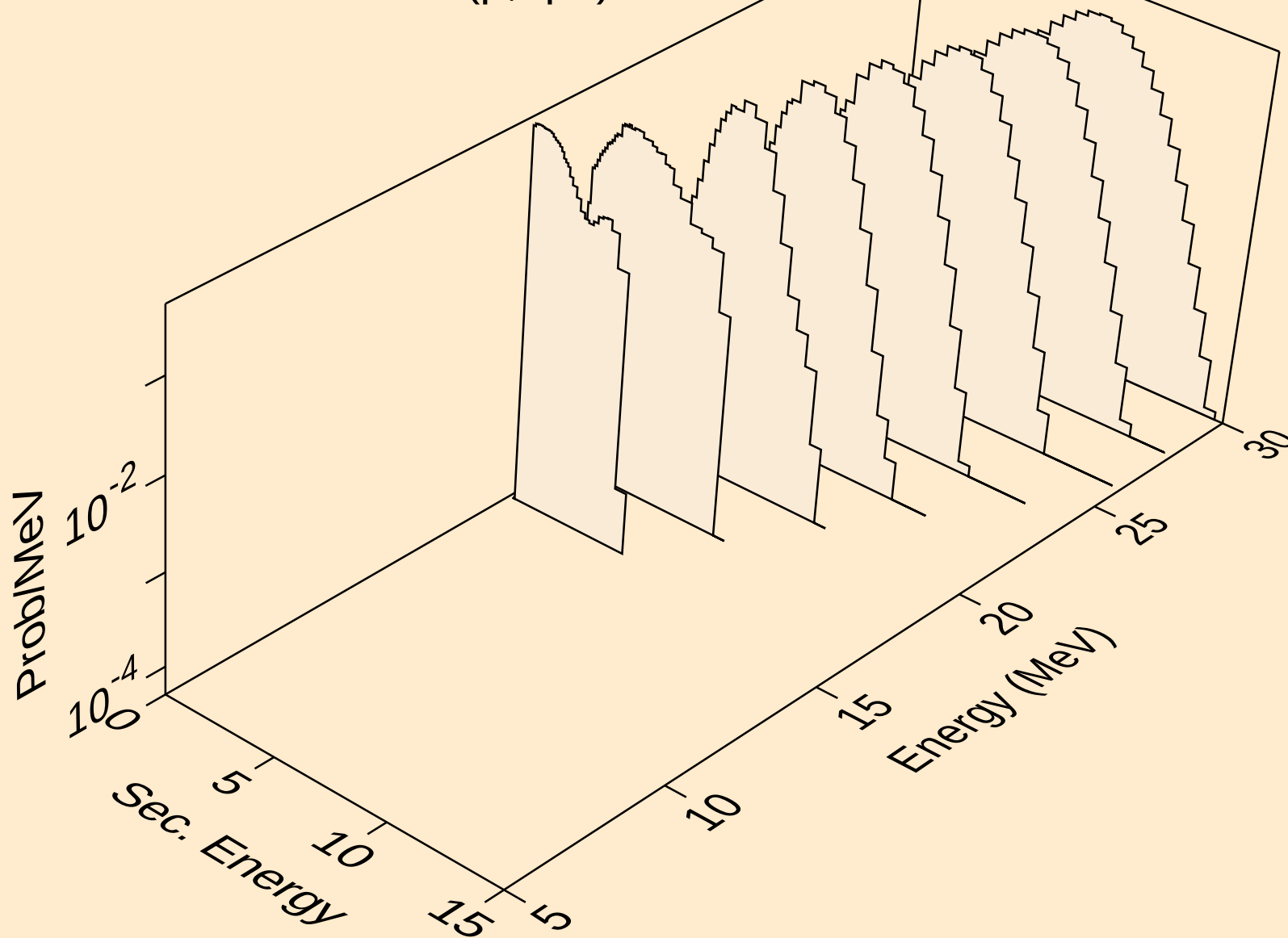
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



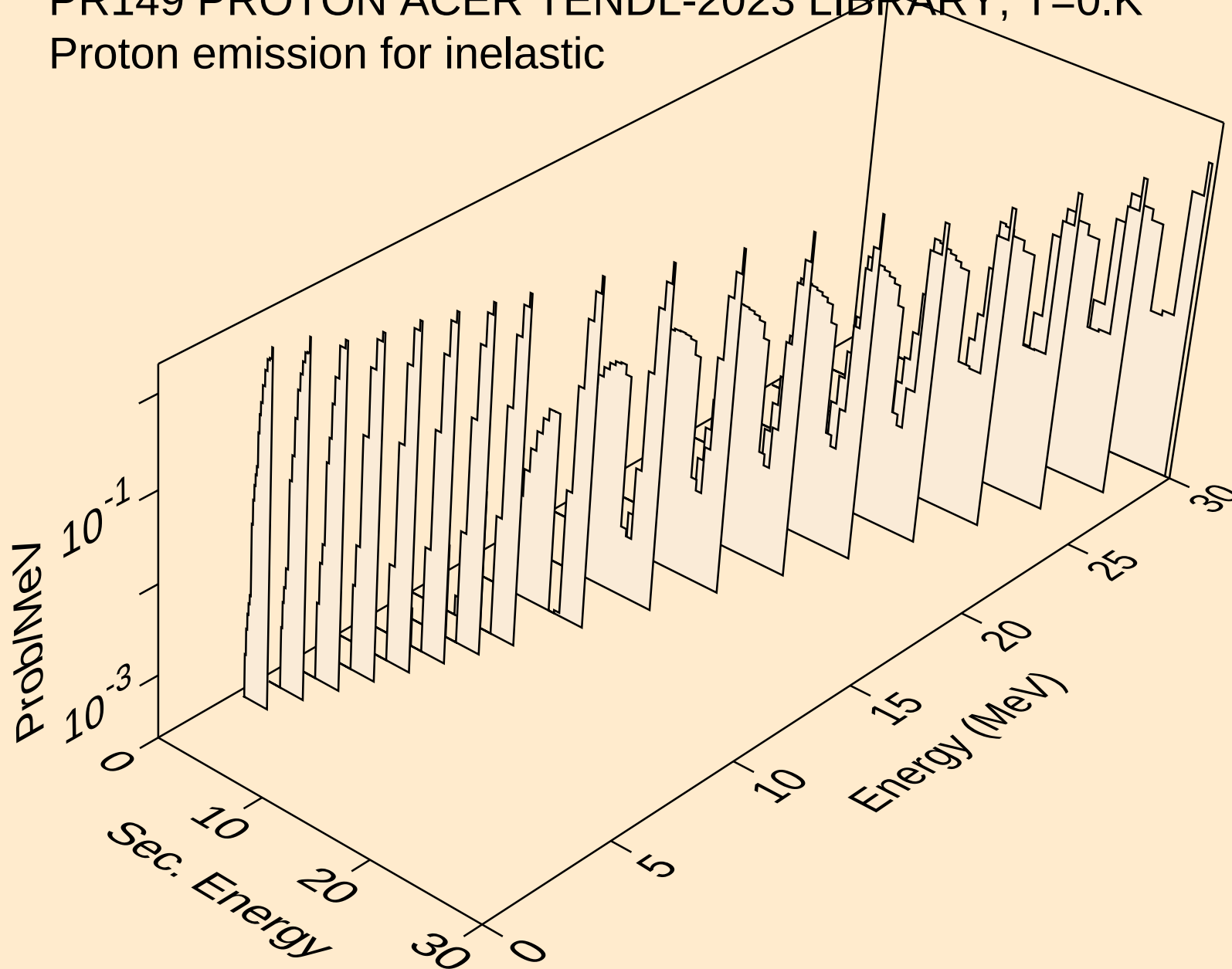
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

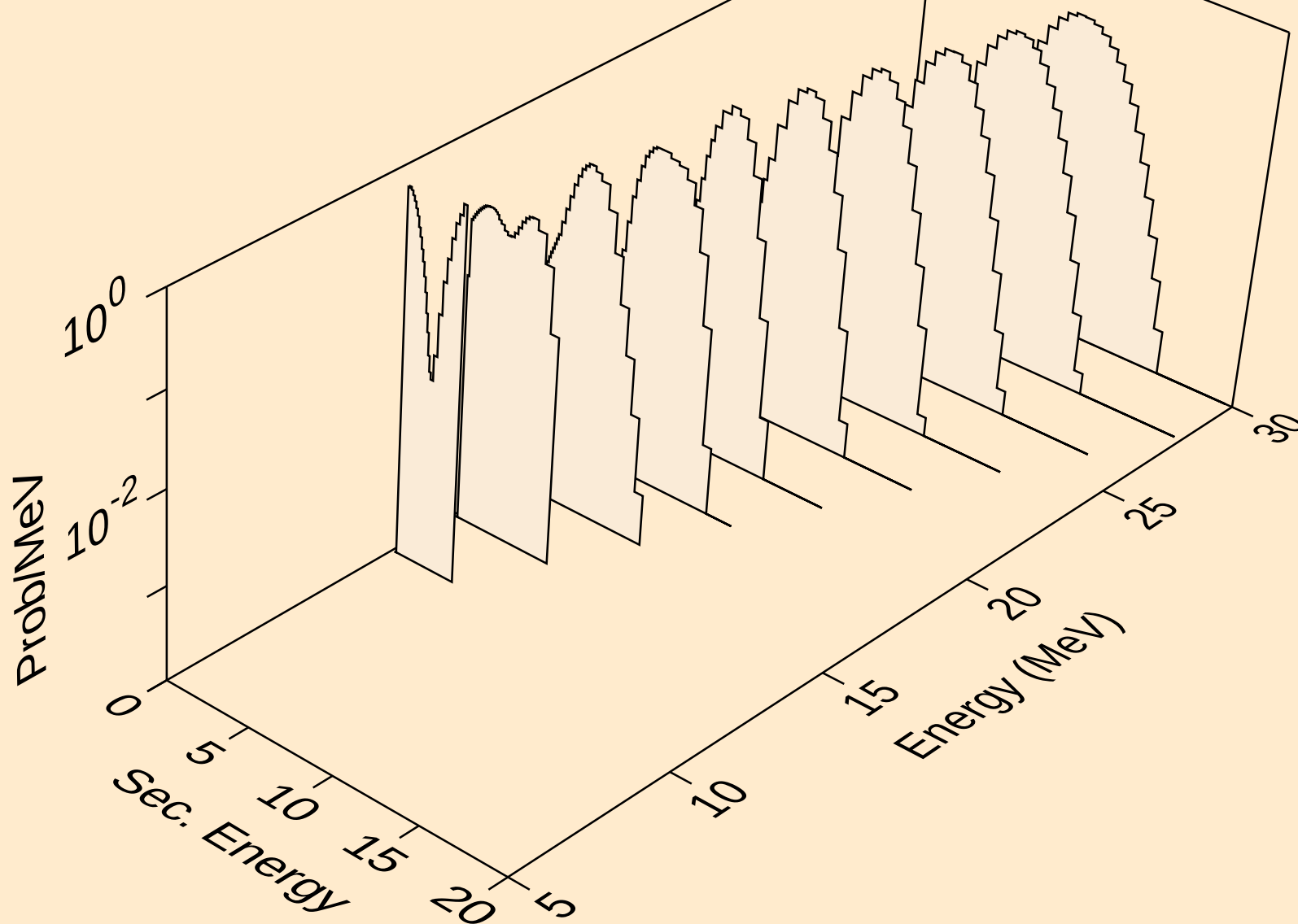


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

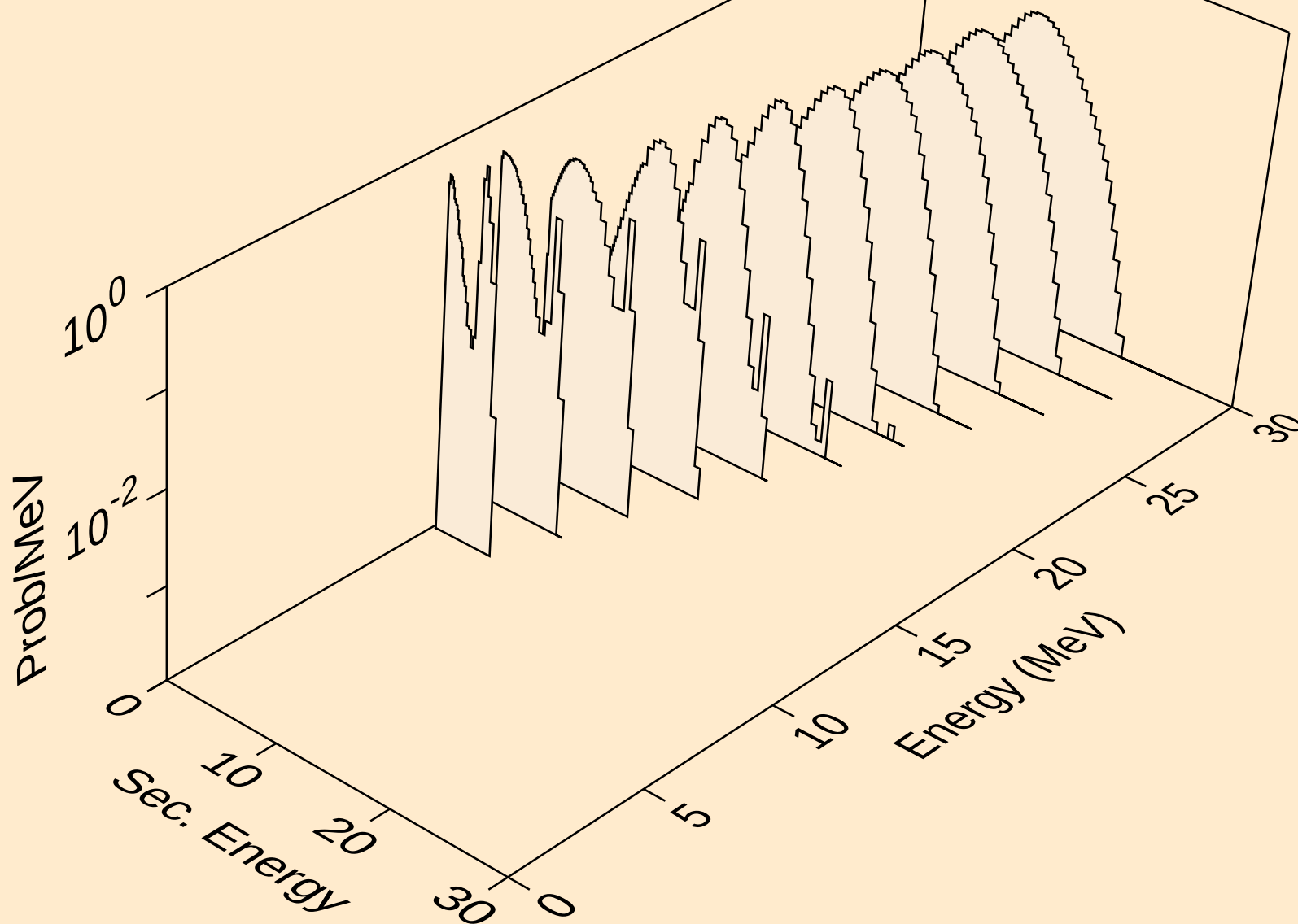




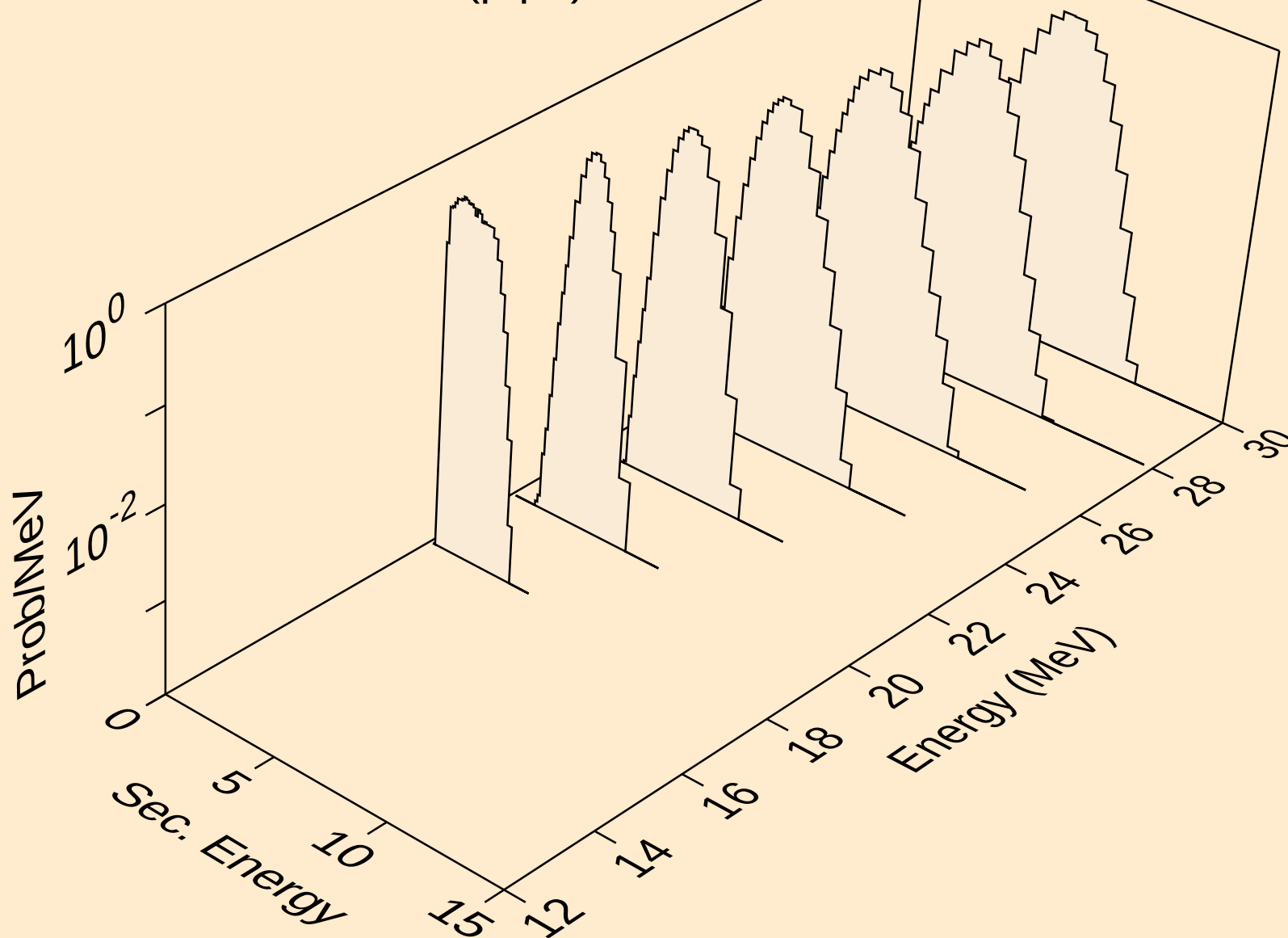
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)

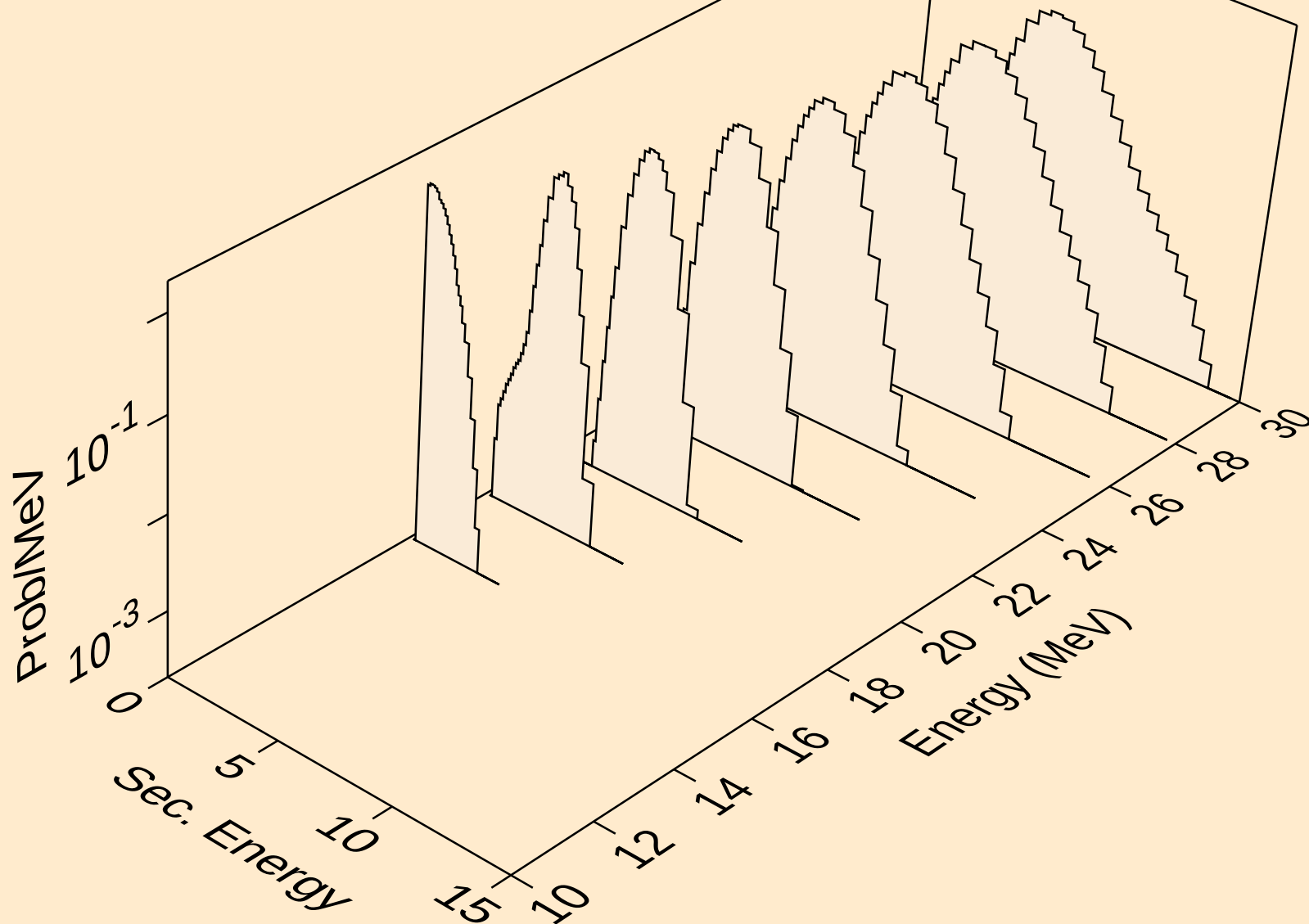


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)

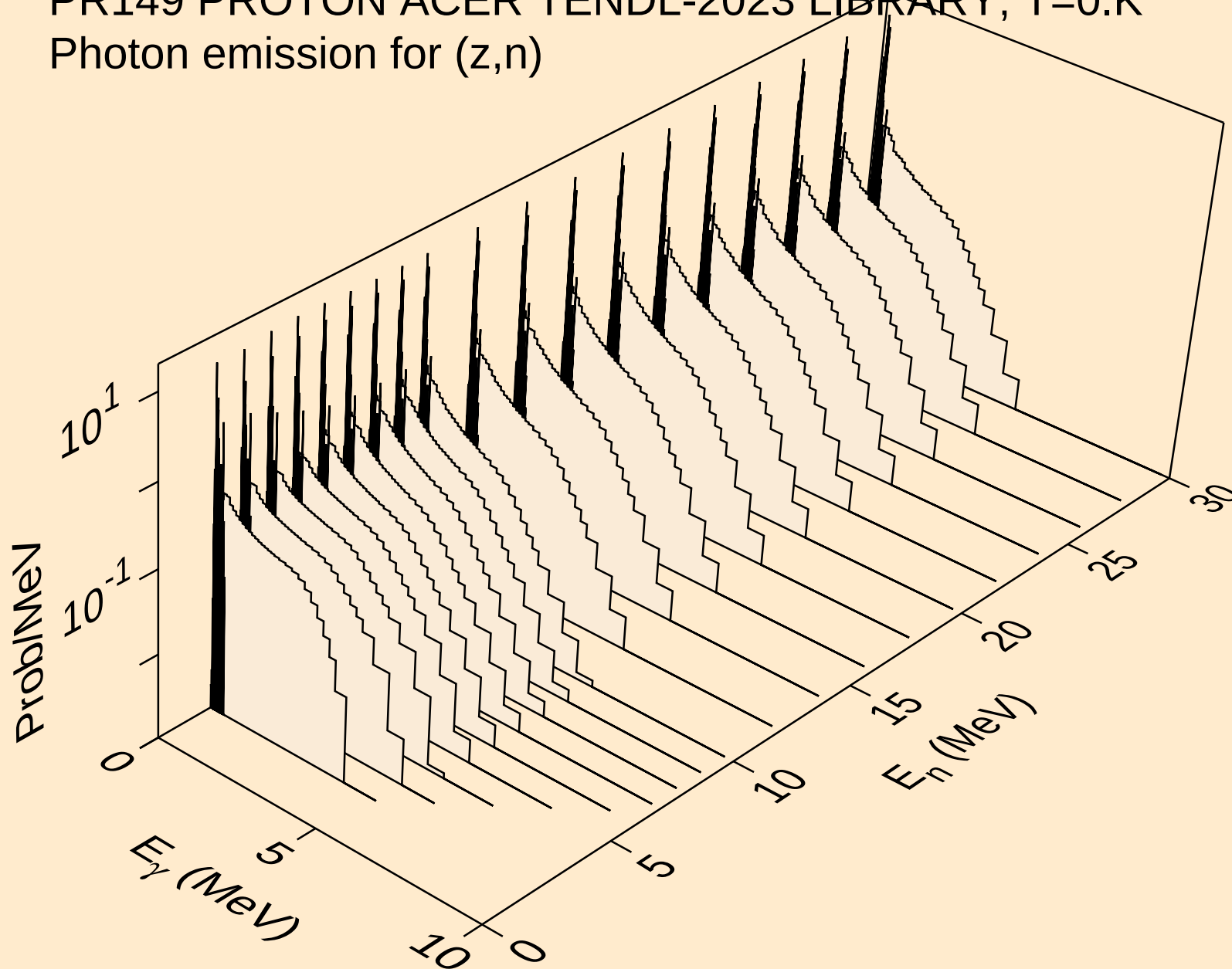


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pt)

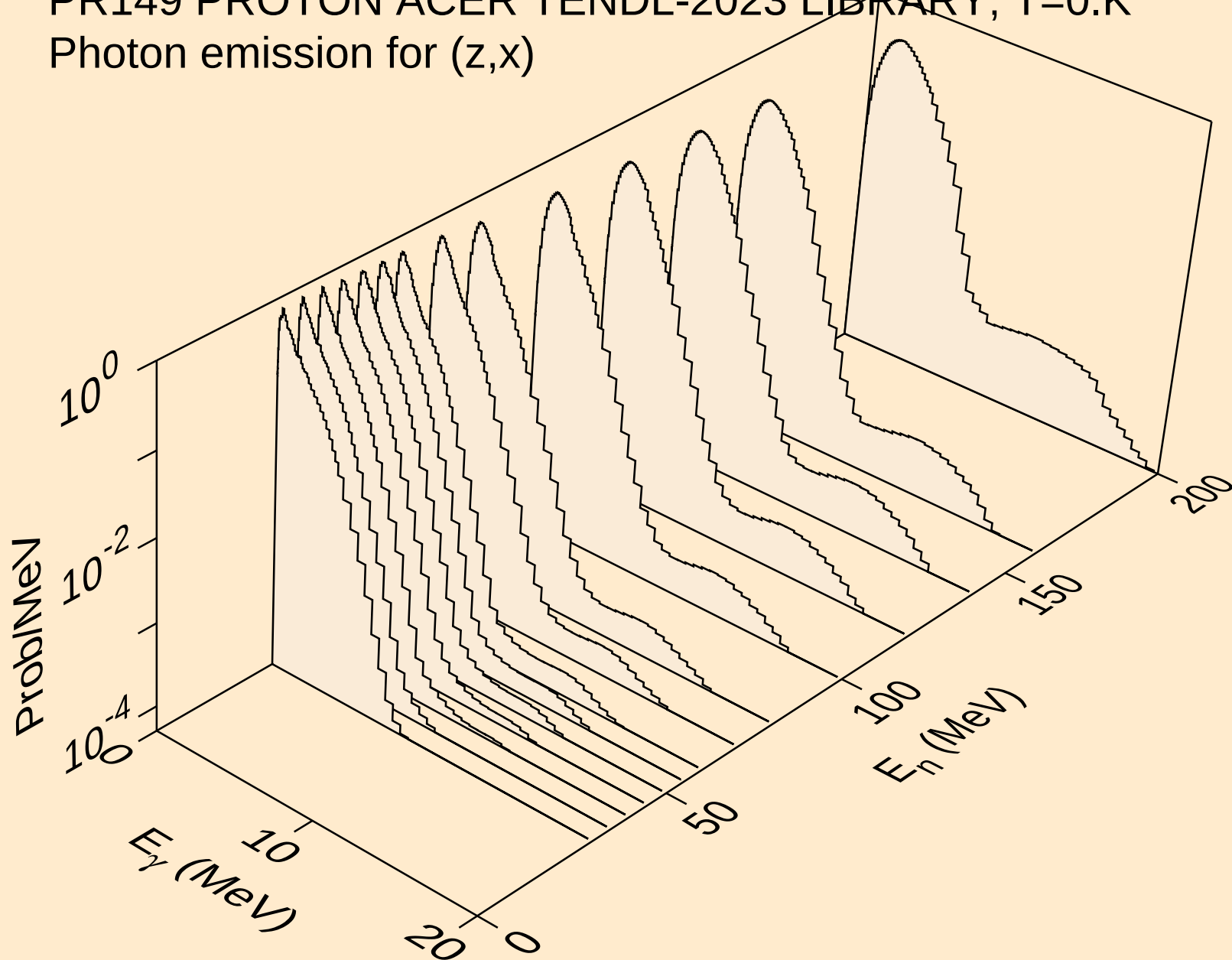


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

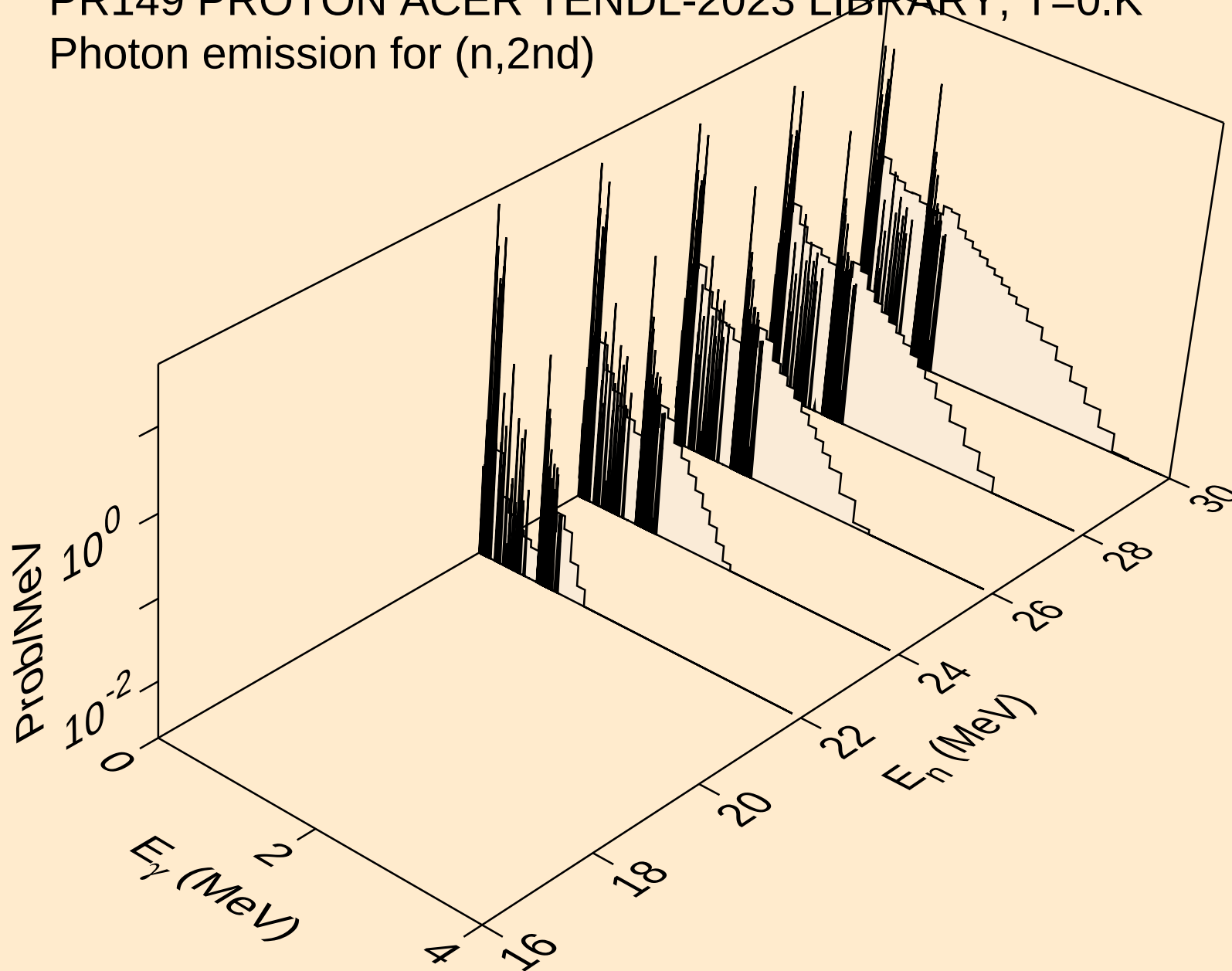


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

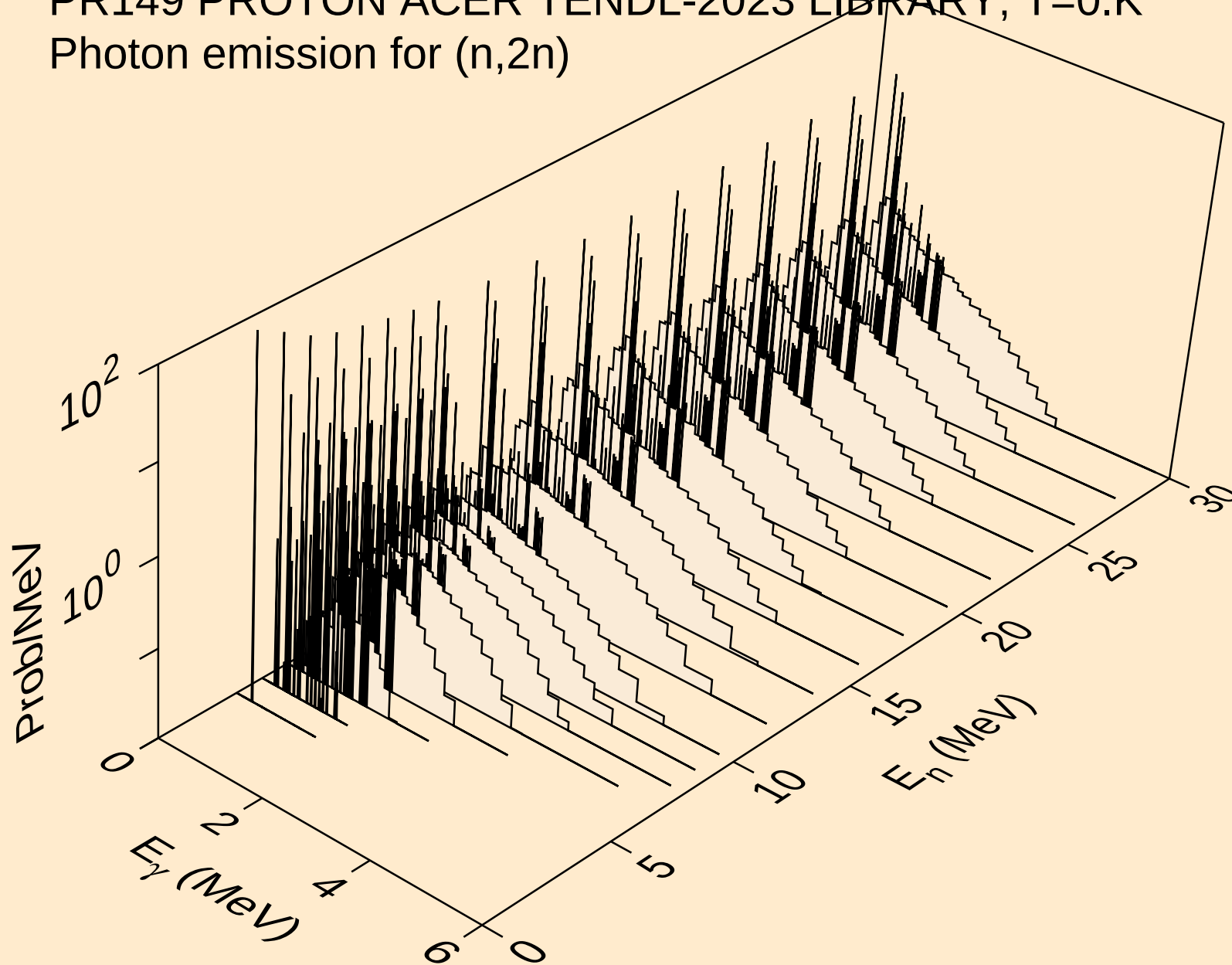
Photon emission for (z,x)



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

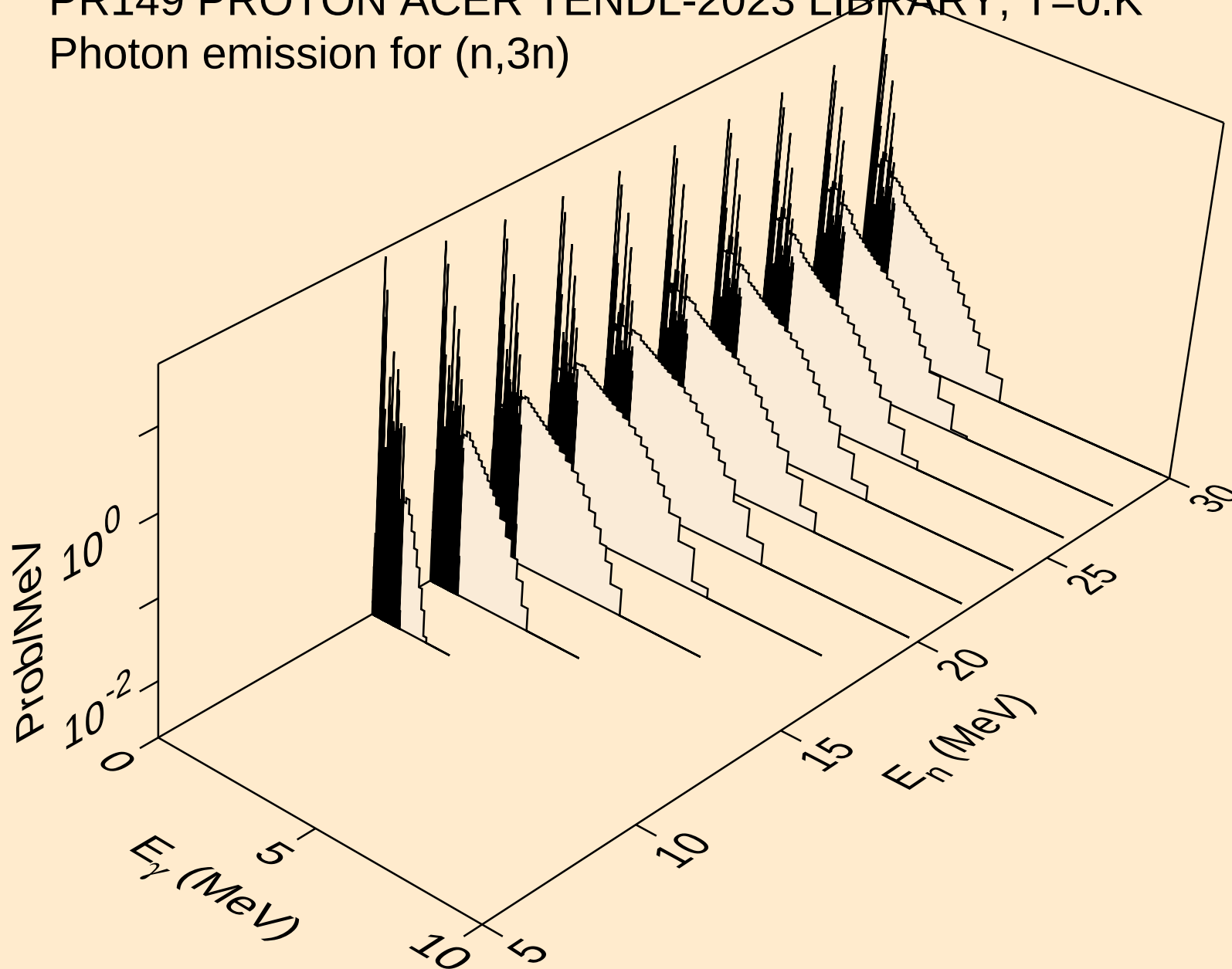


PR149 PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,2n)



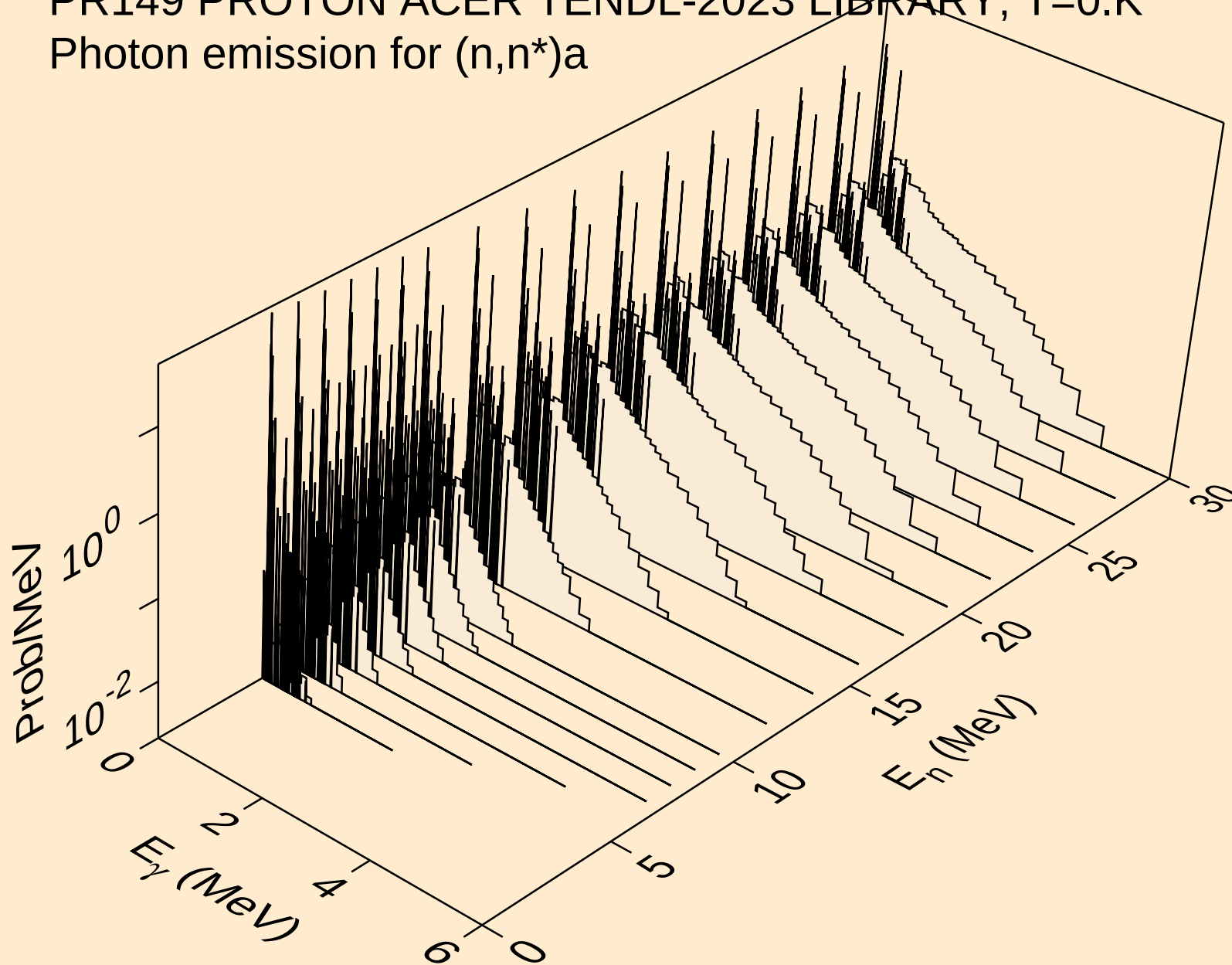


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



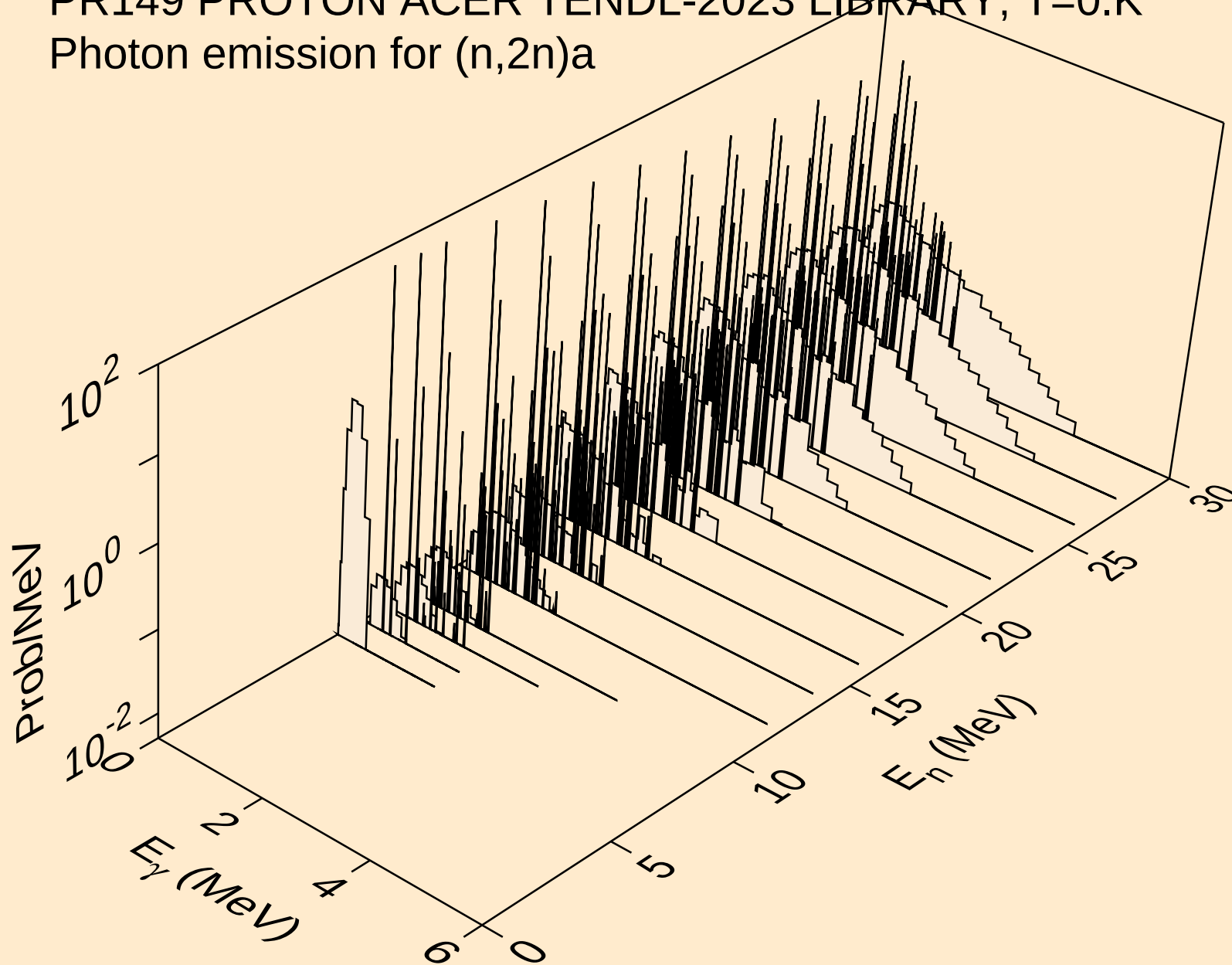
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a



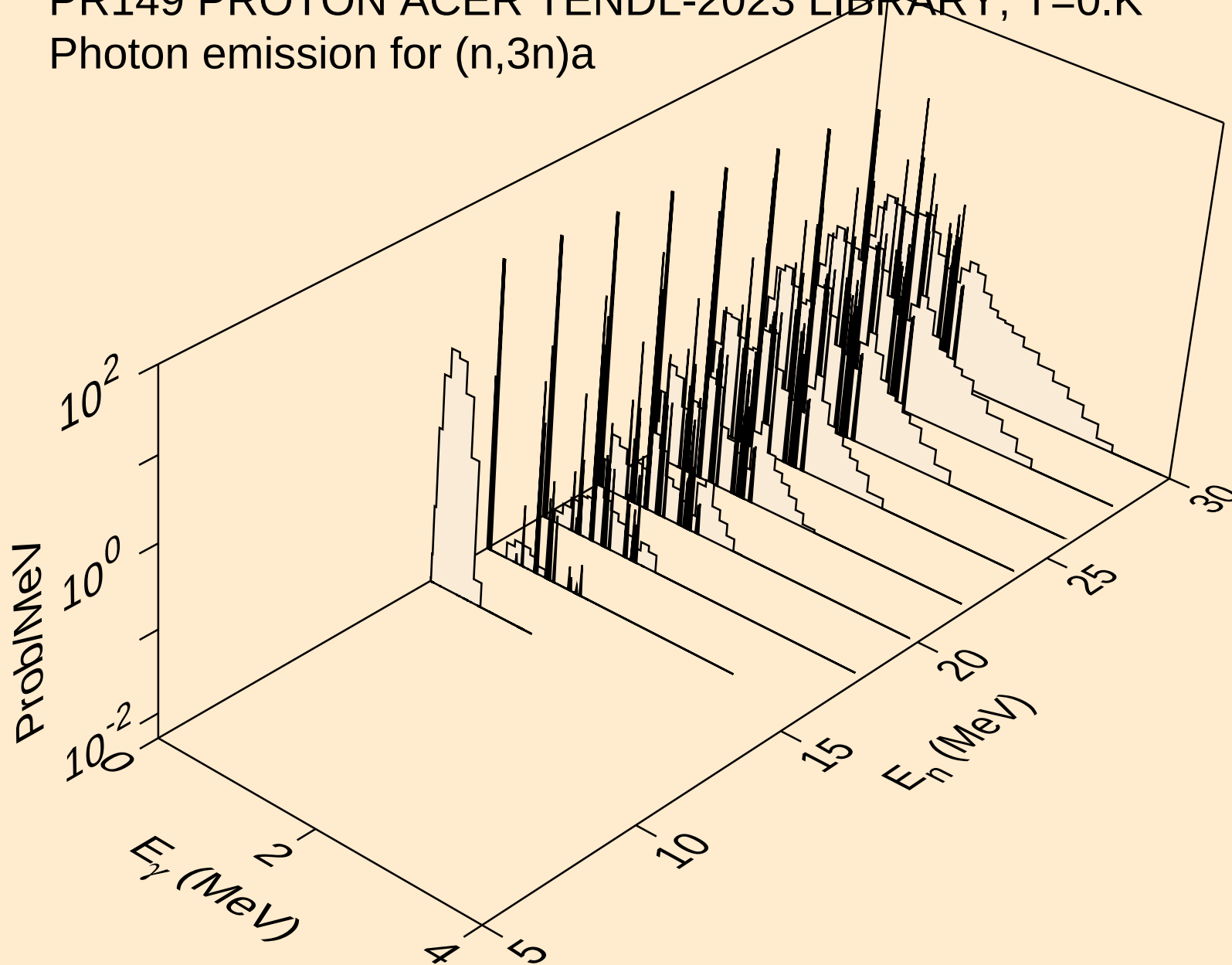
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

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

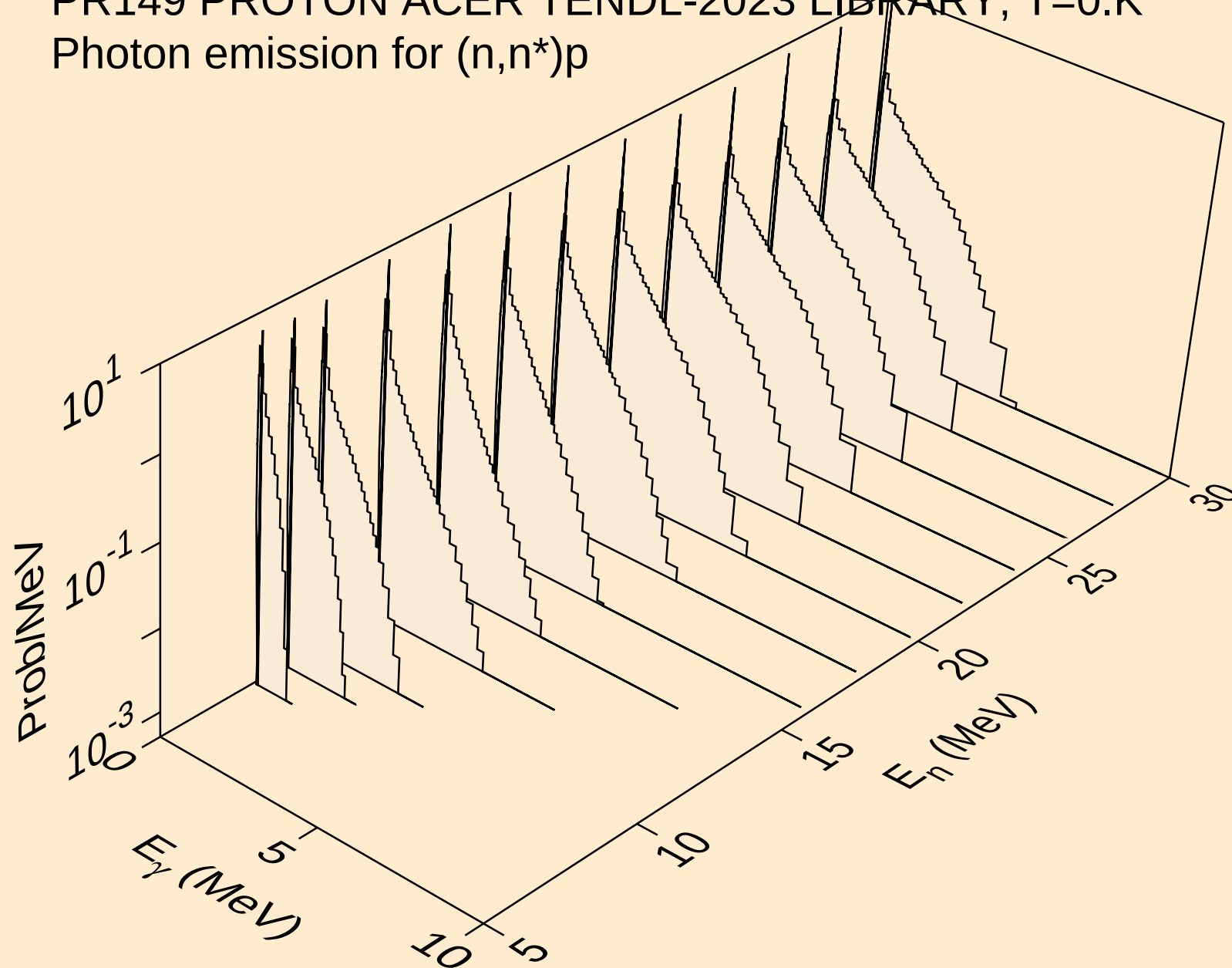


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n)a

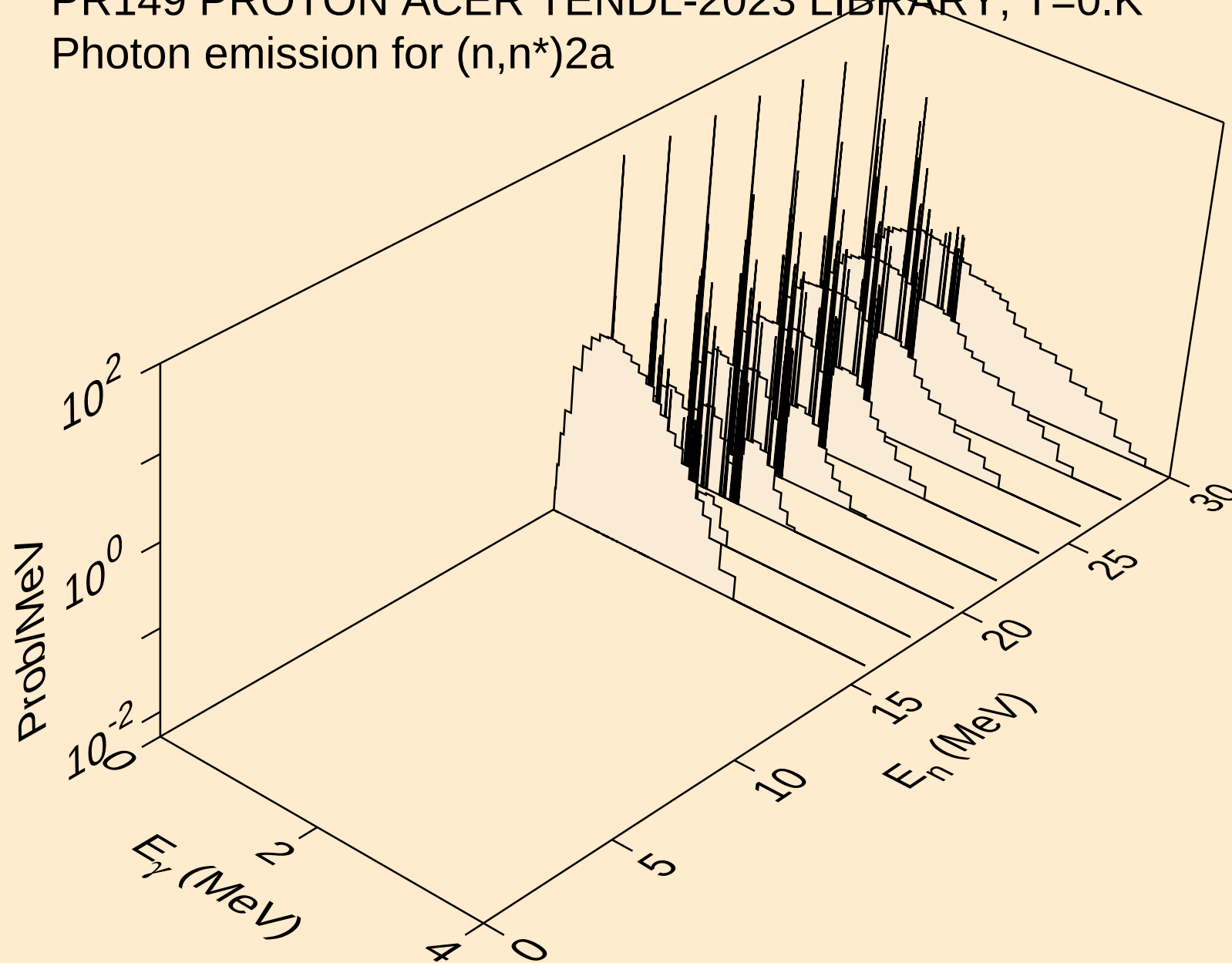


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

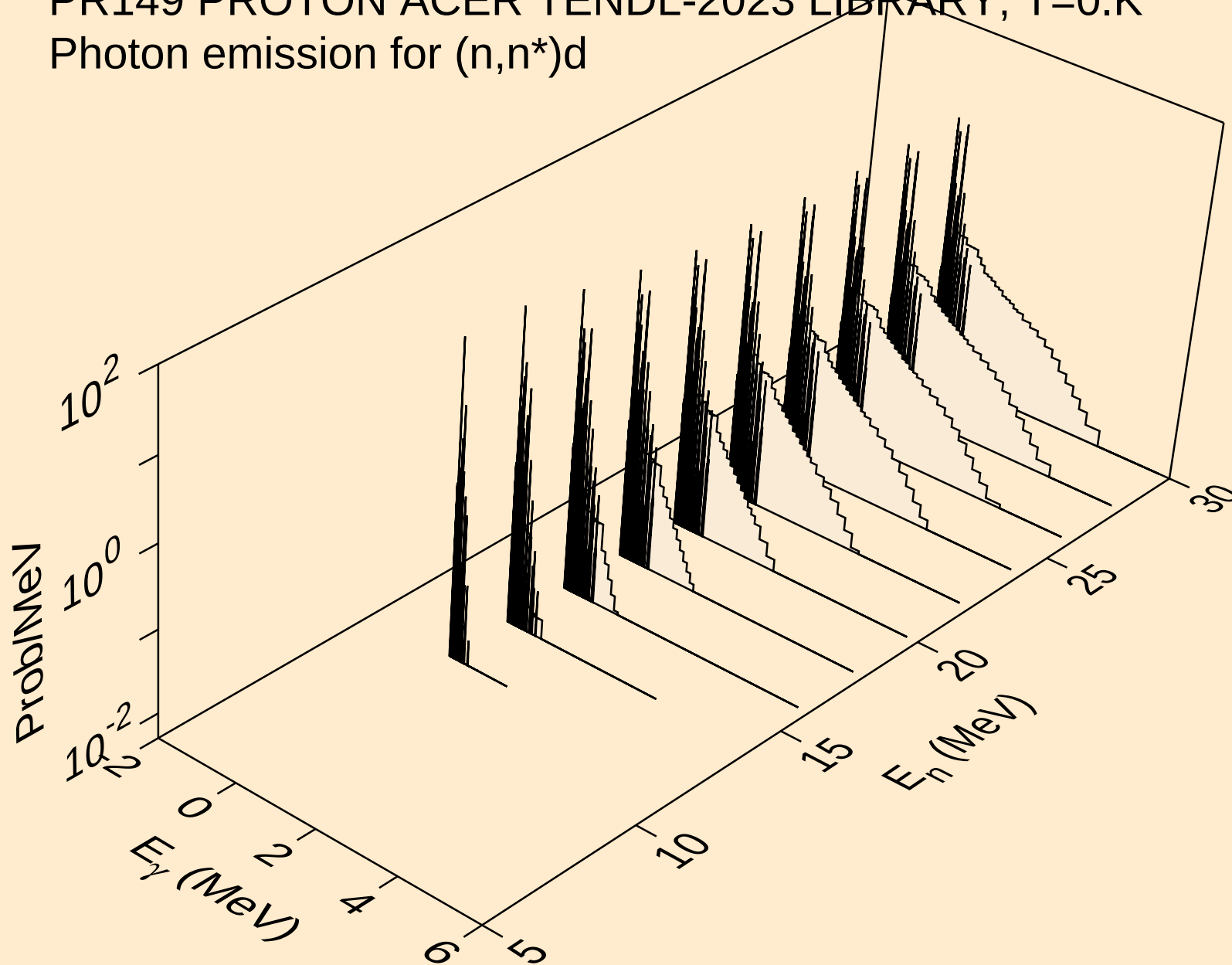


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)2a

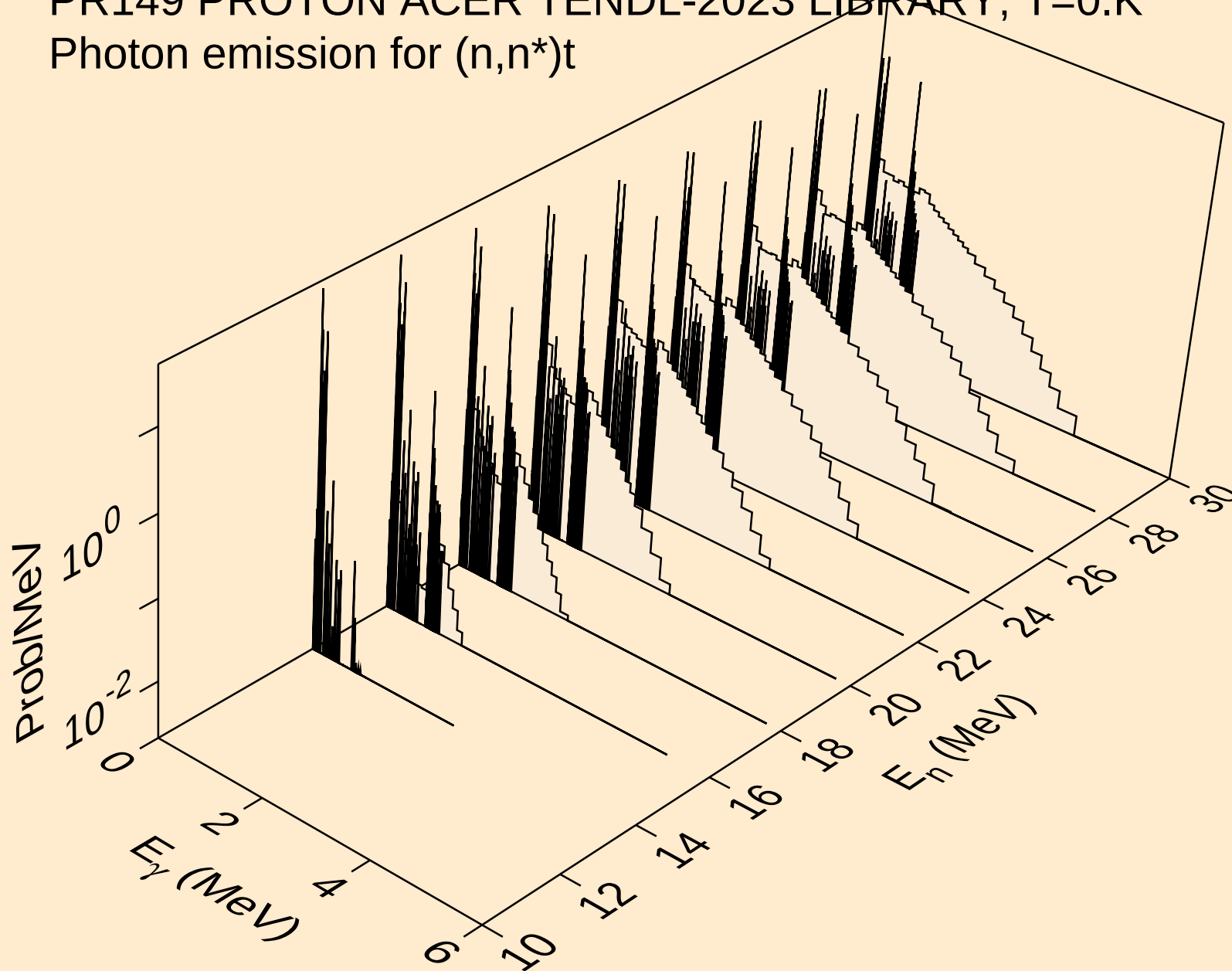


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



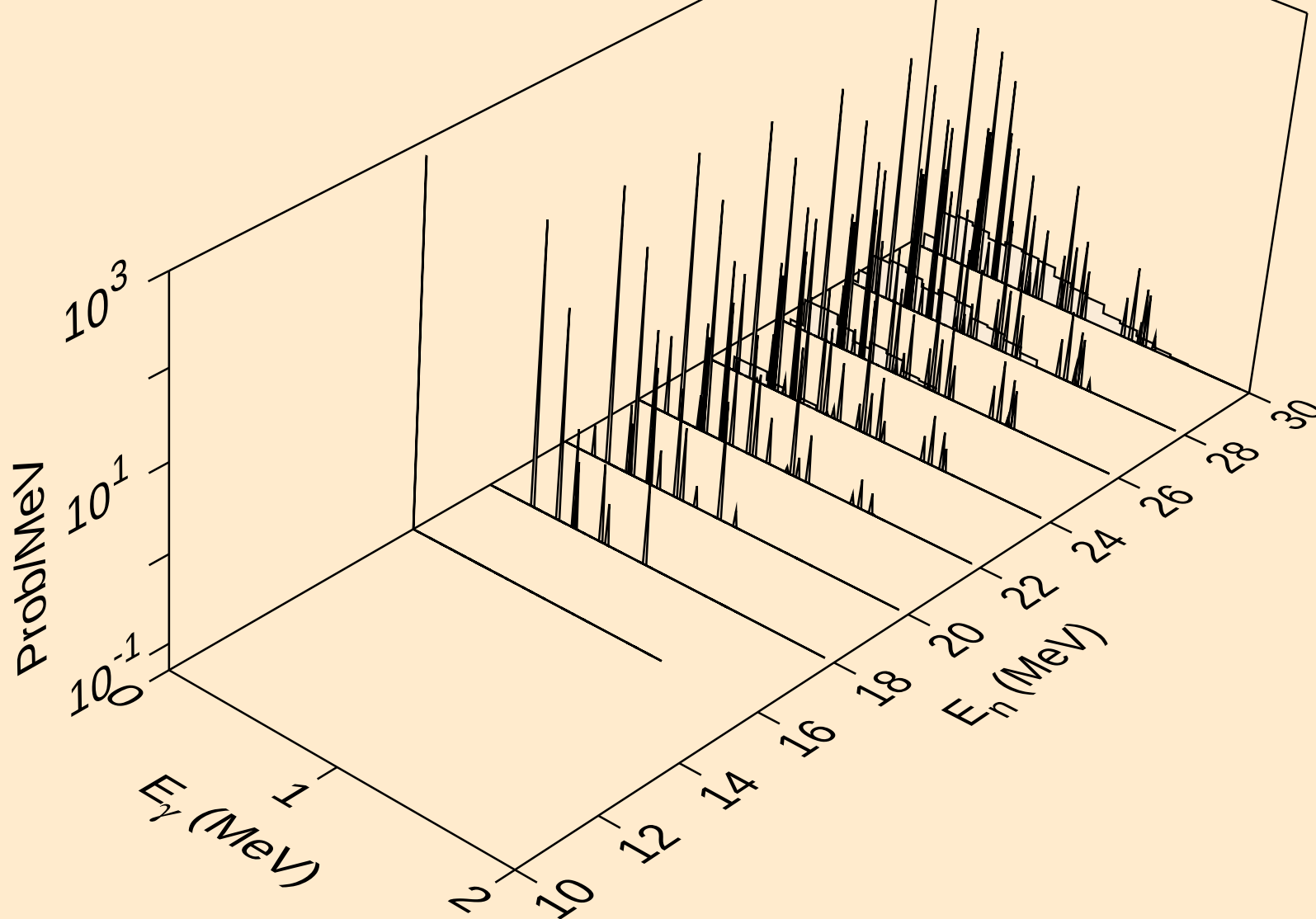
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)t

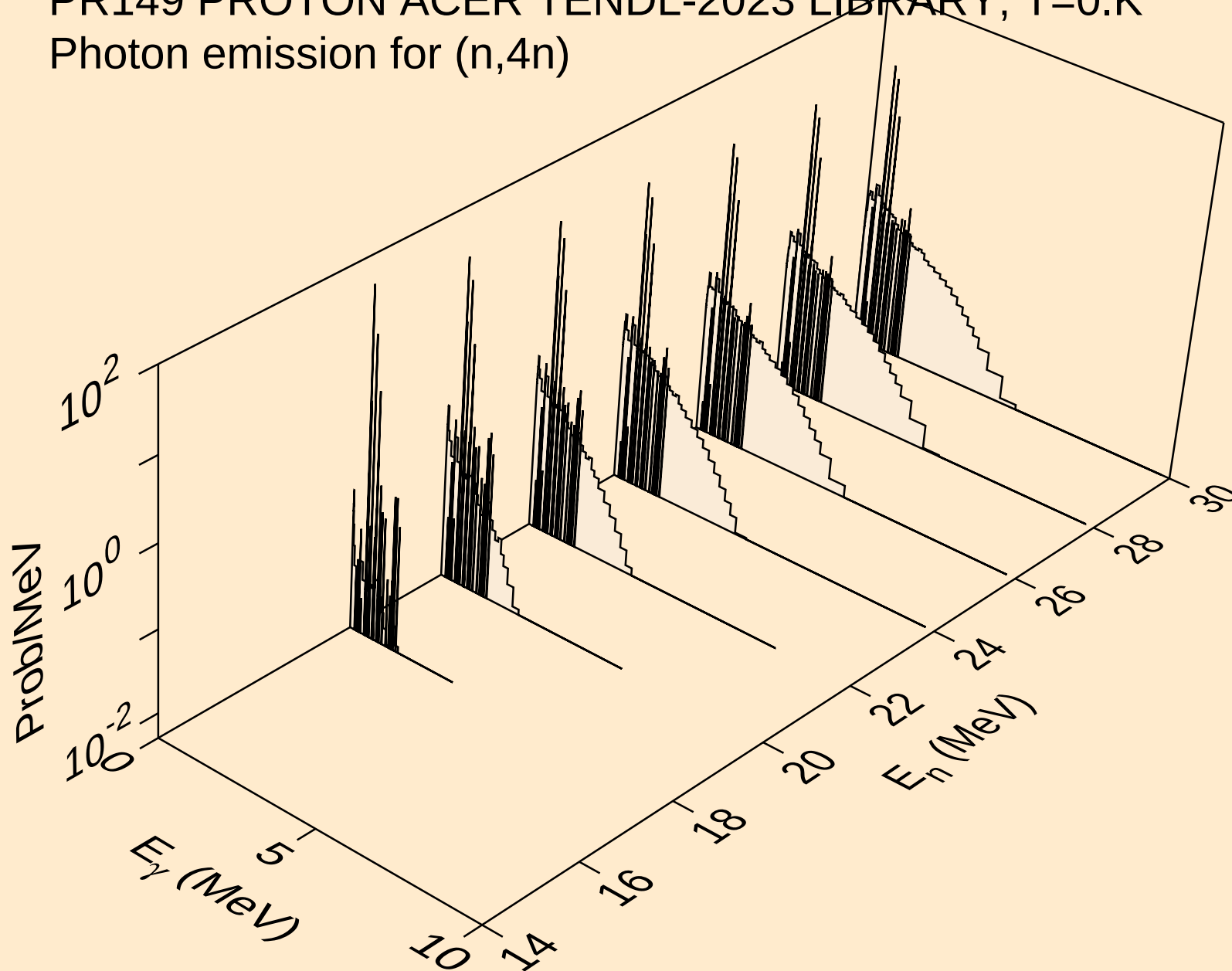




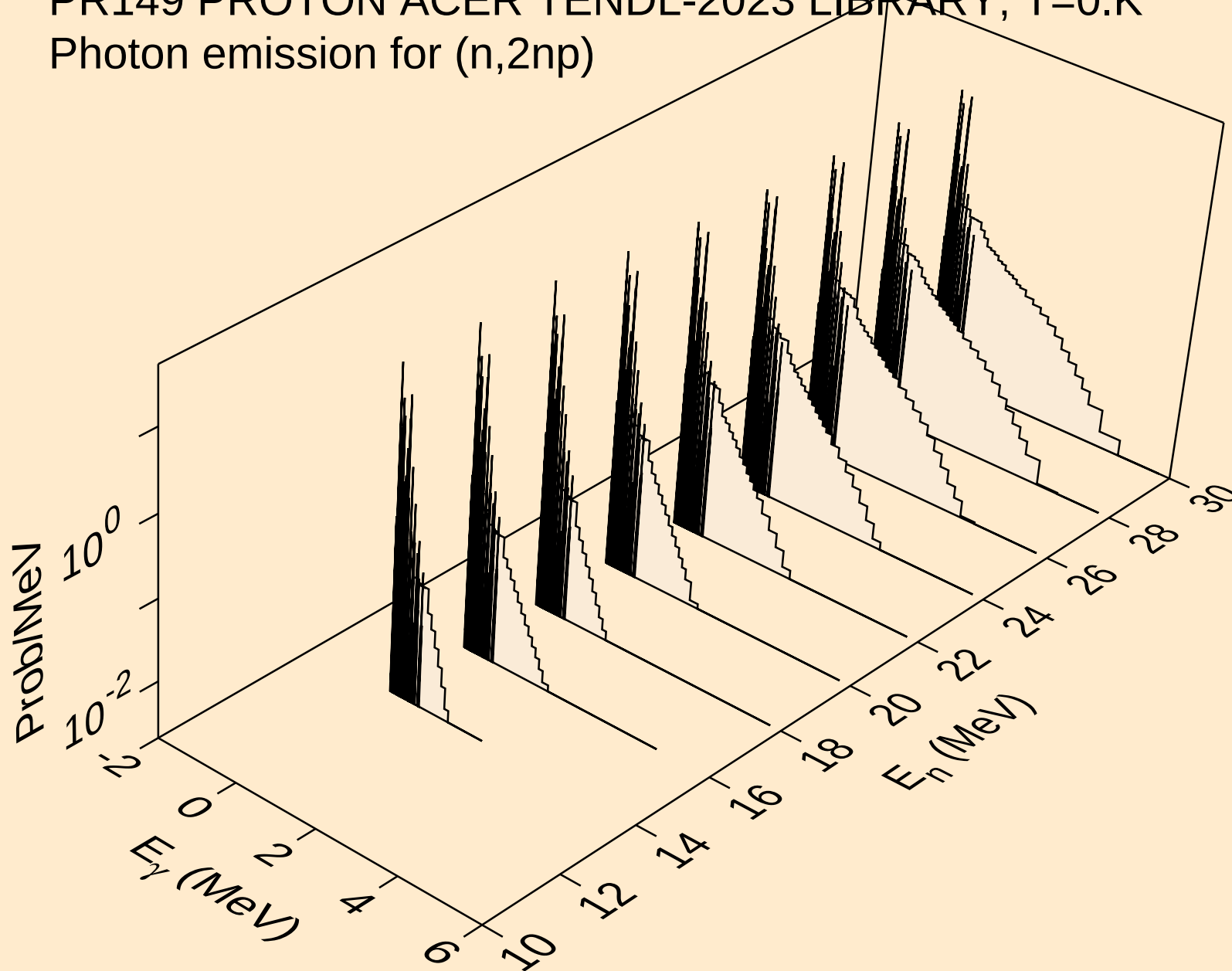
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



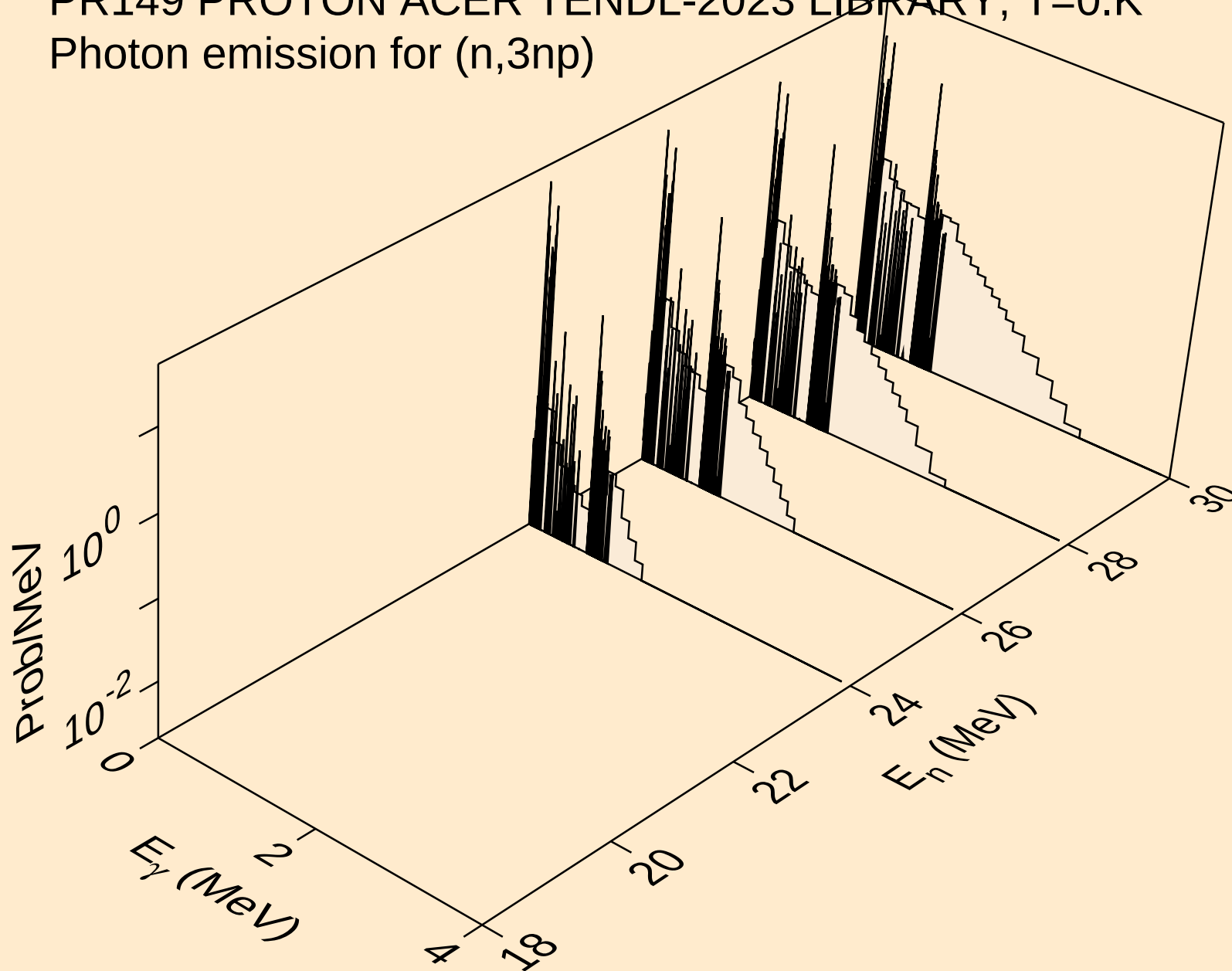
PR149 PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,4n)



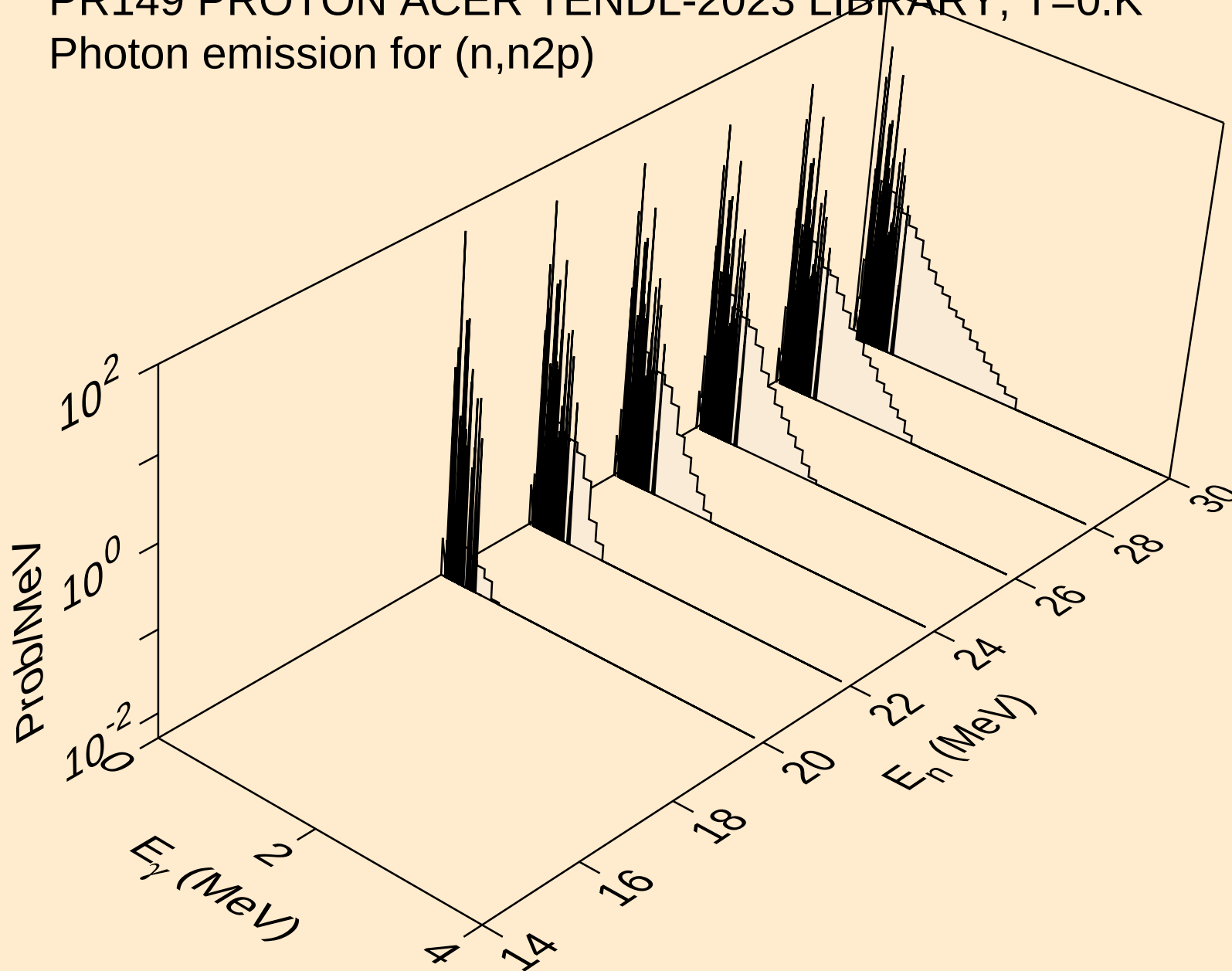
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



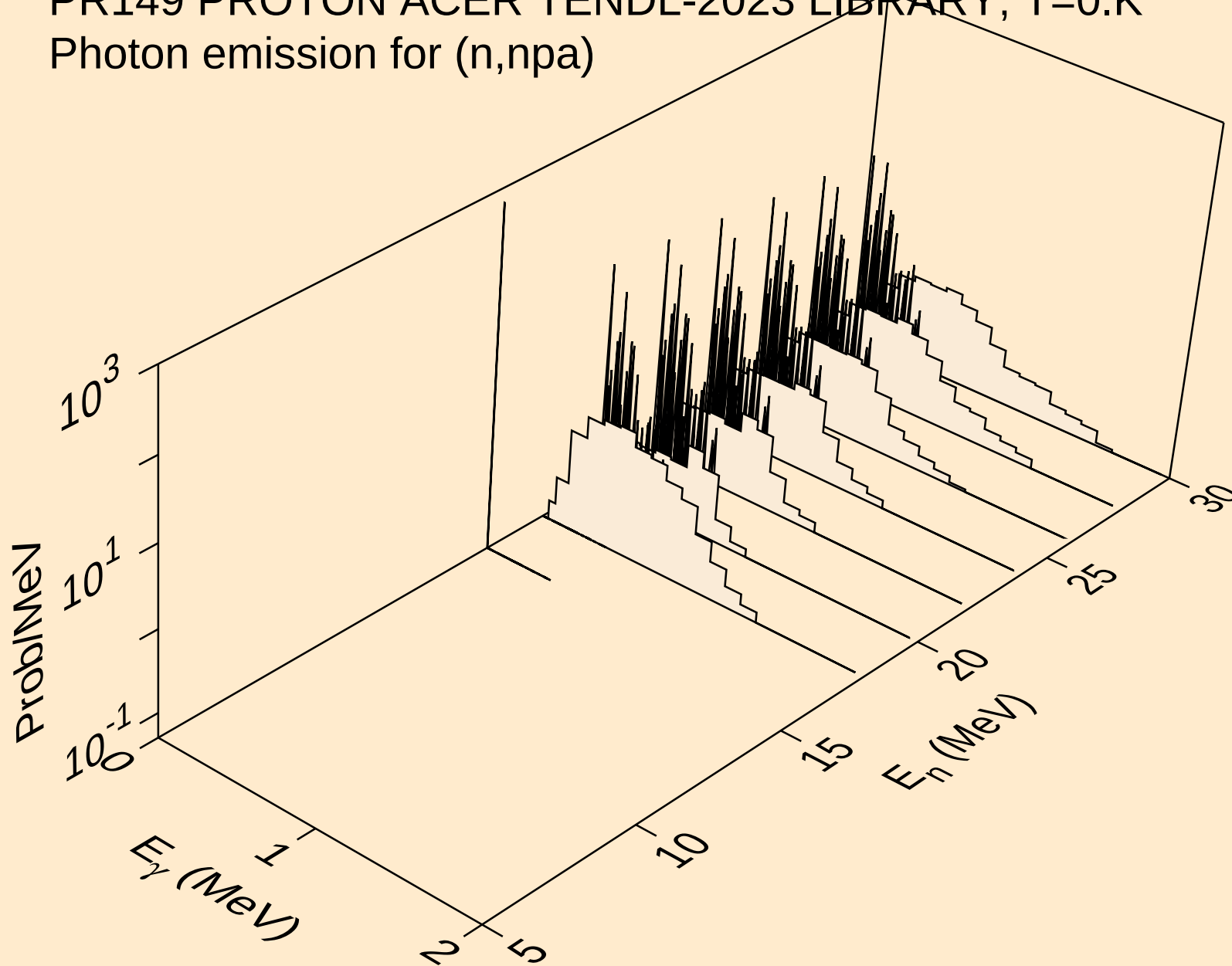
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



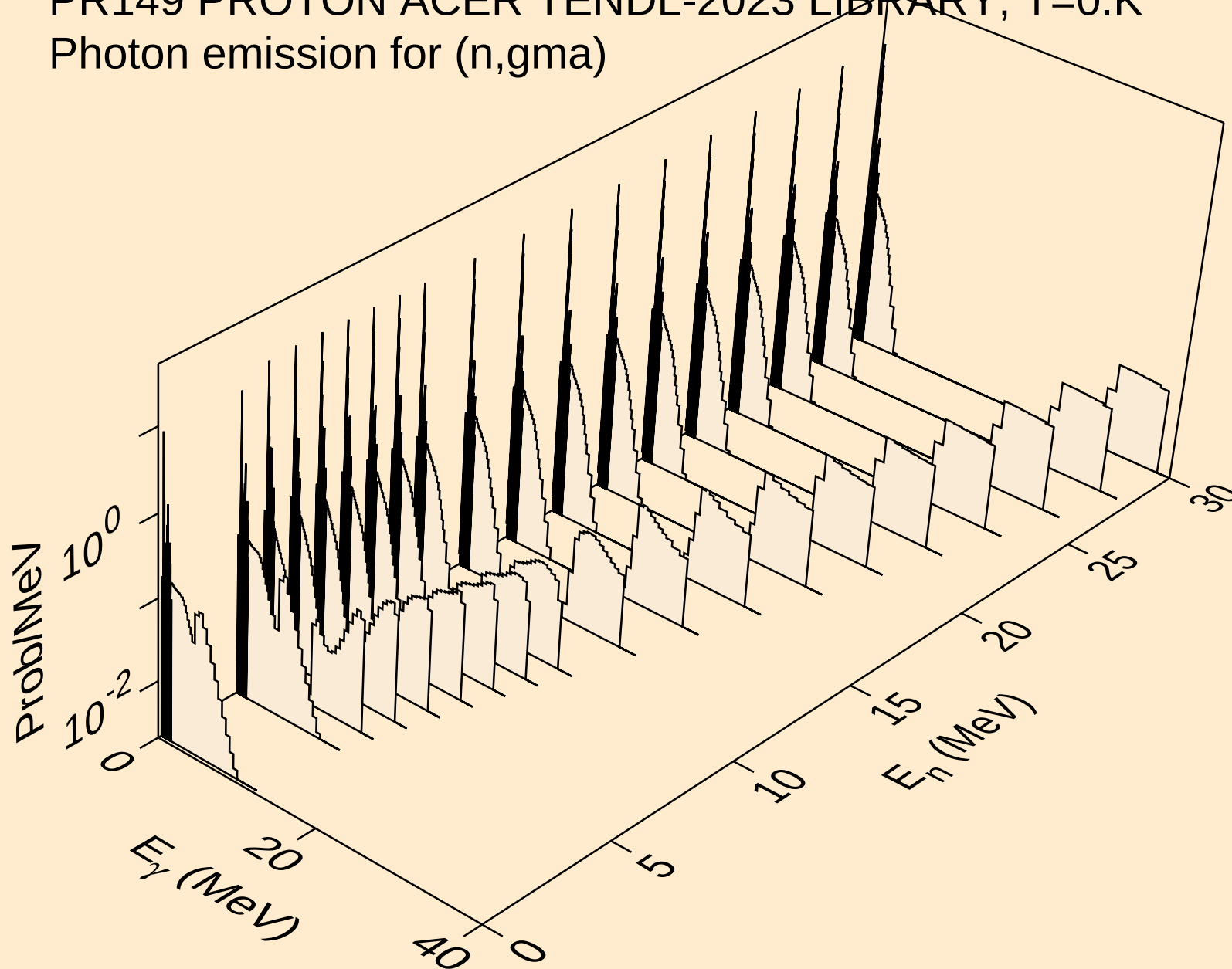
PR149 PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,n2p)



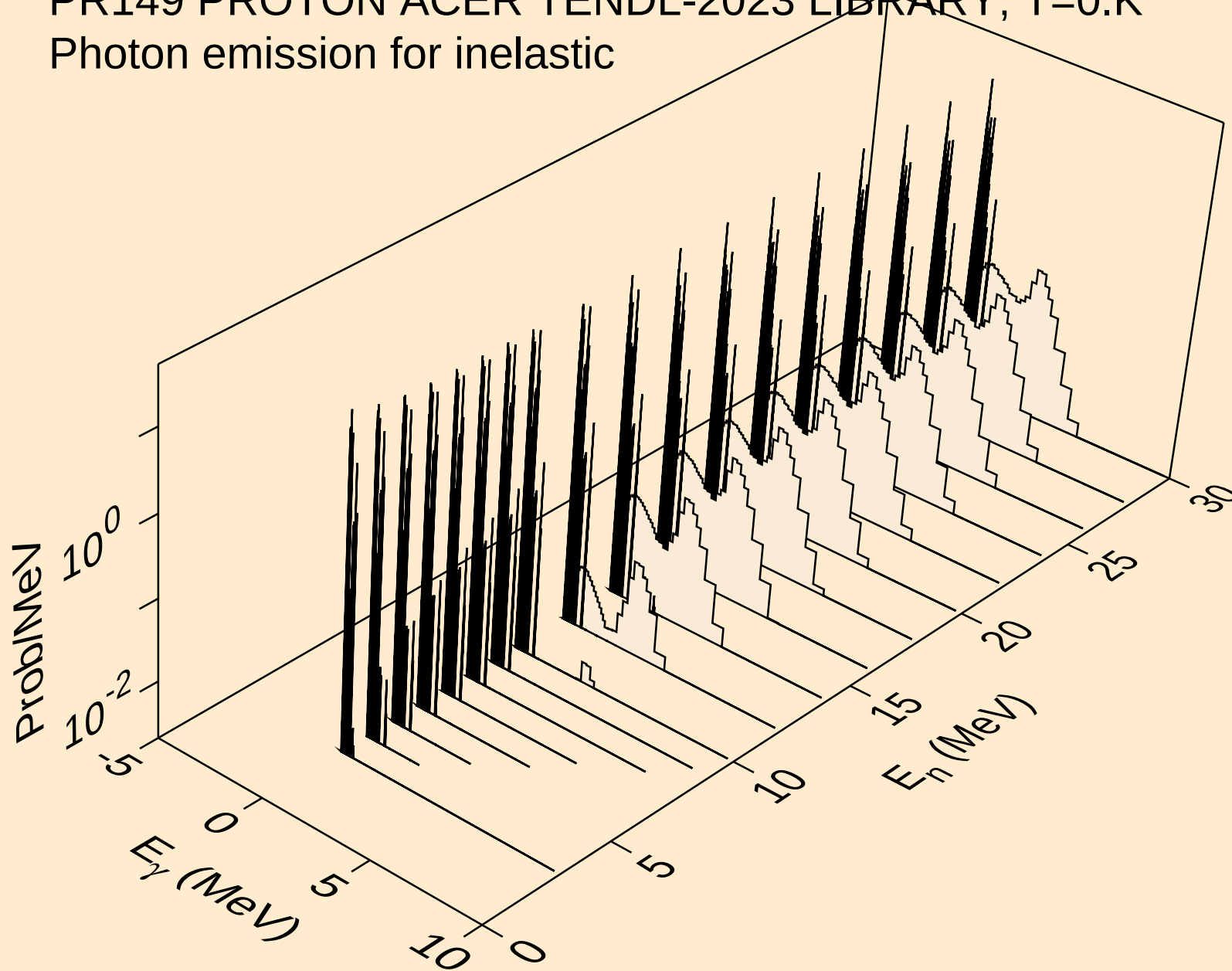
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

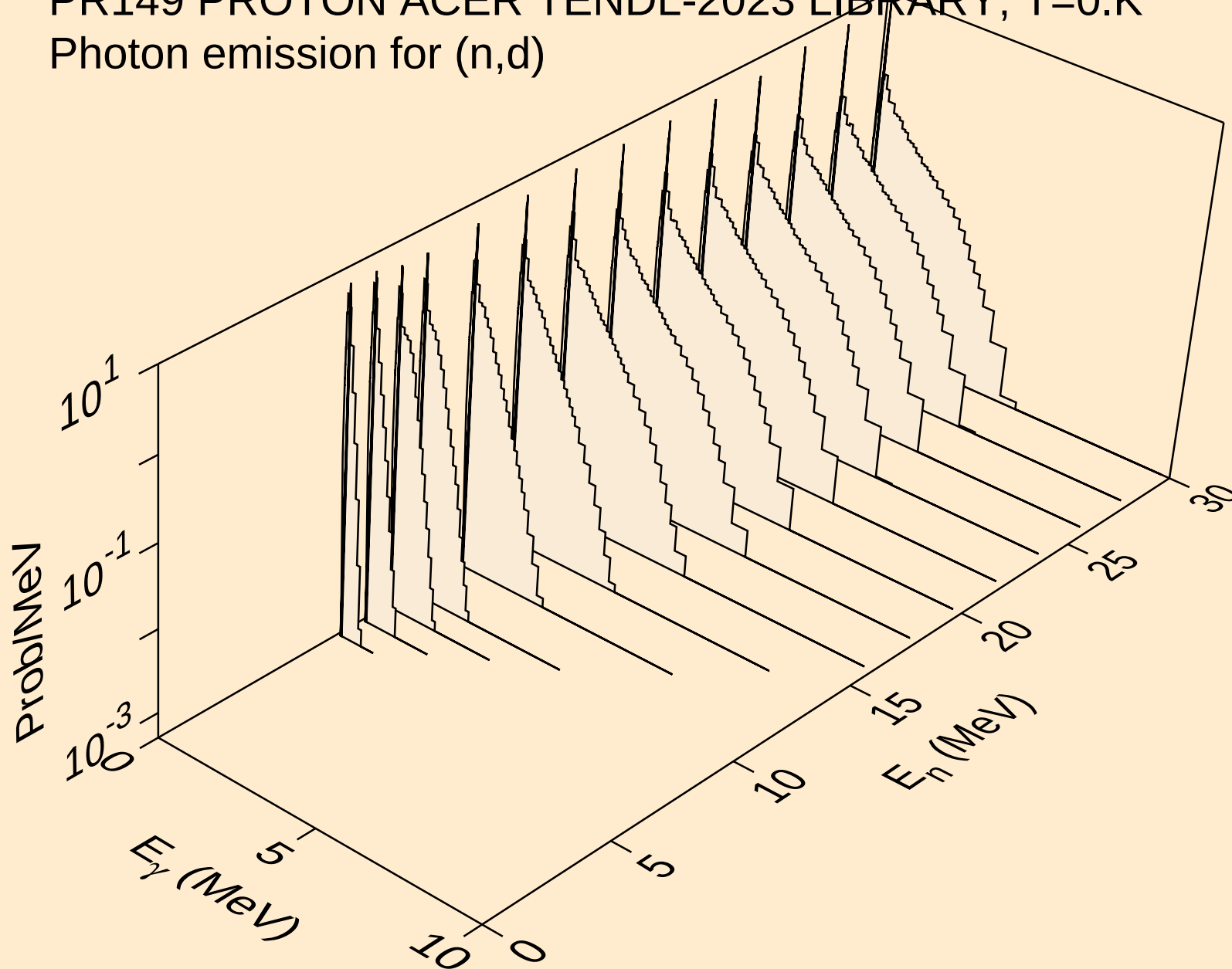


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

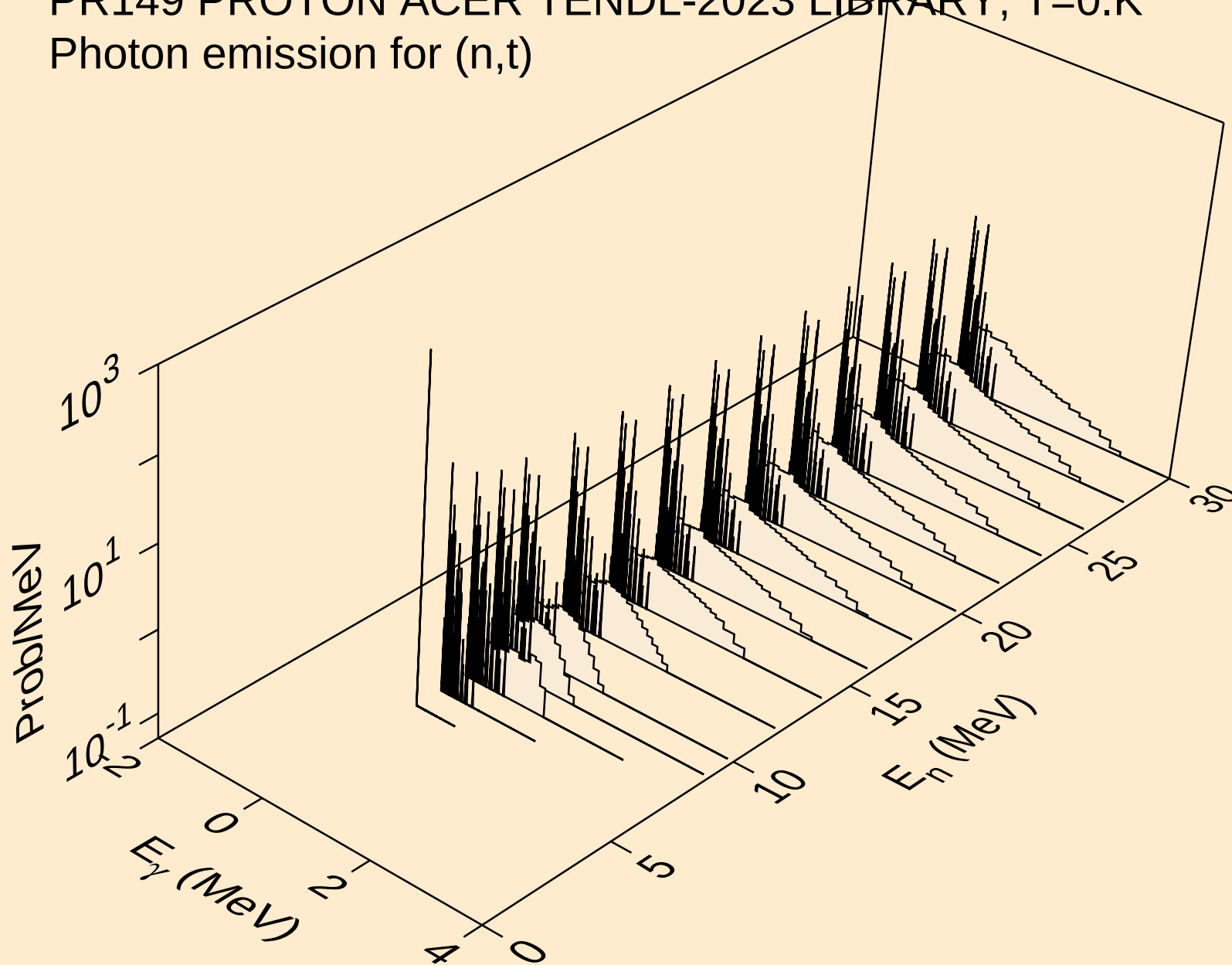




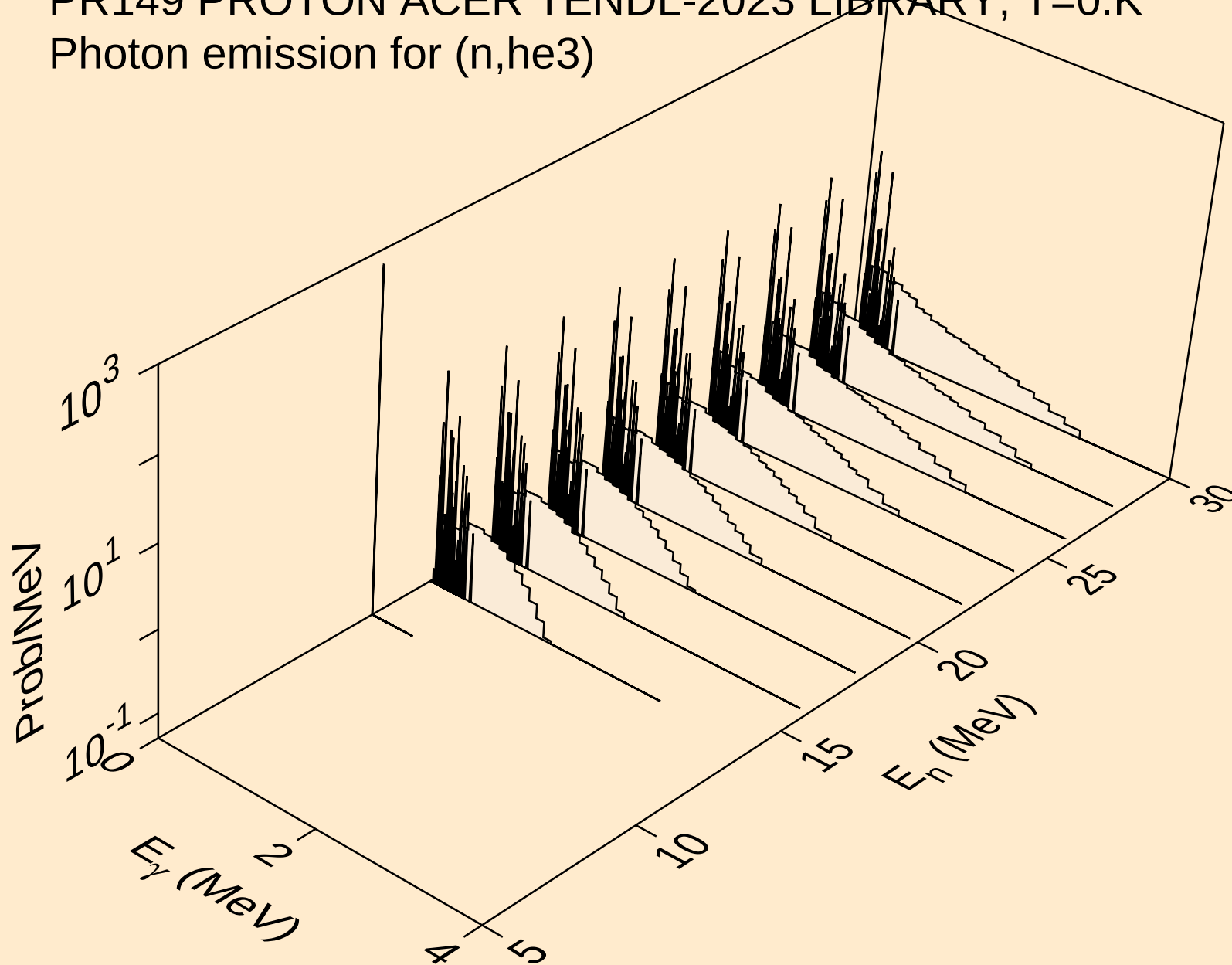
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



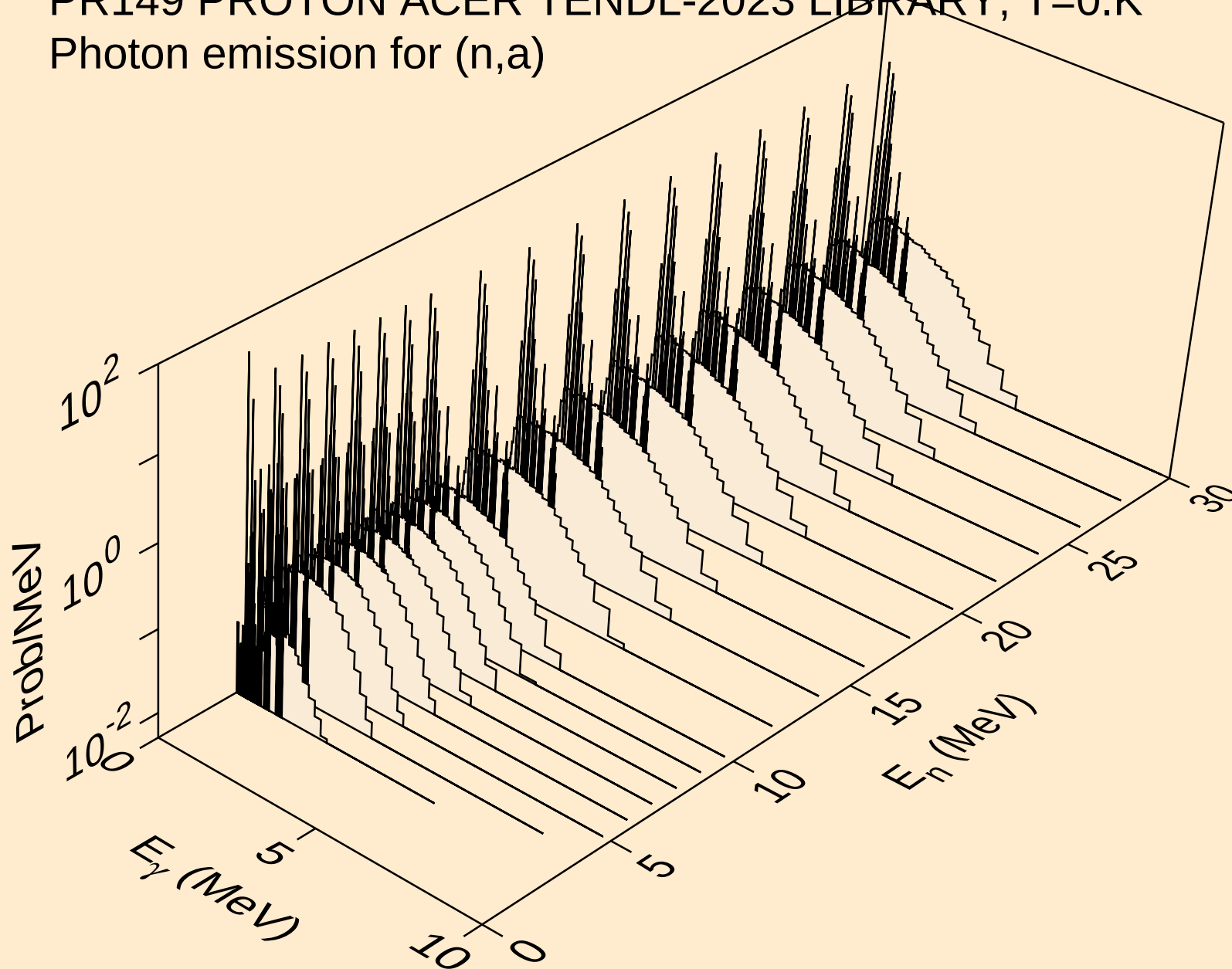
PR149 PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,t)



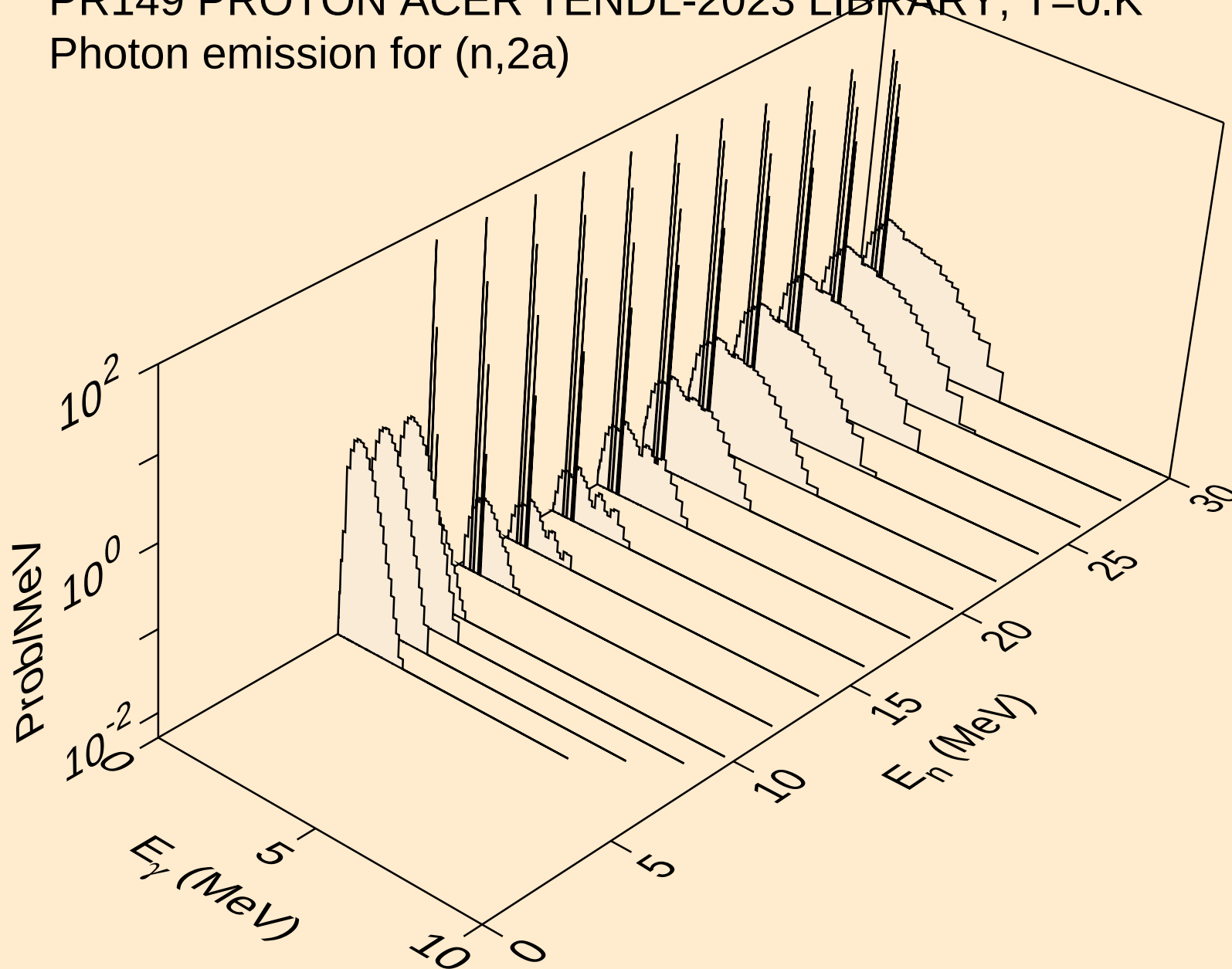
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



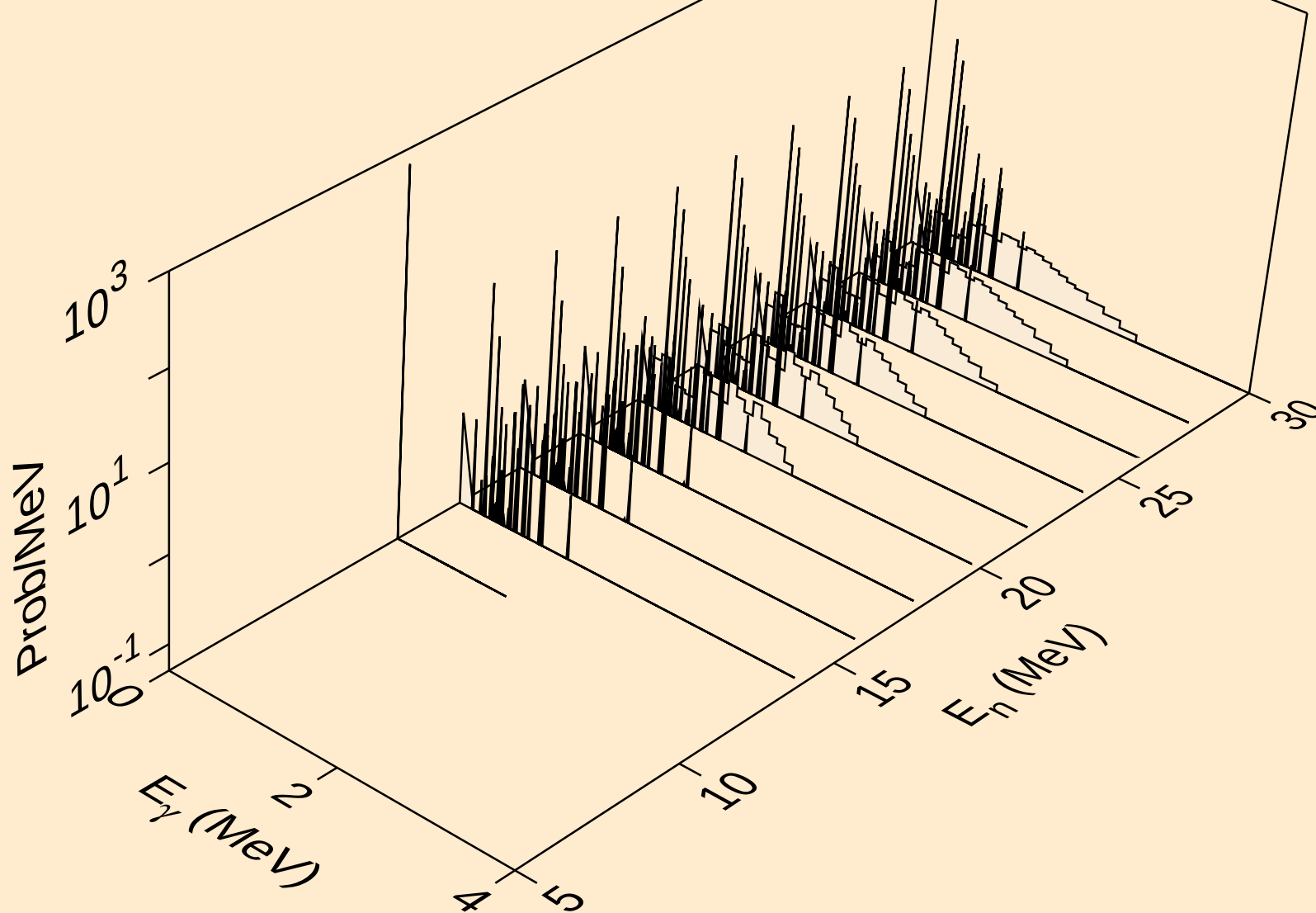
PR149 PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,a)



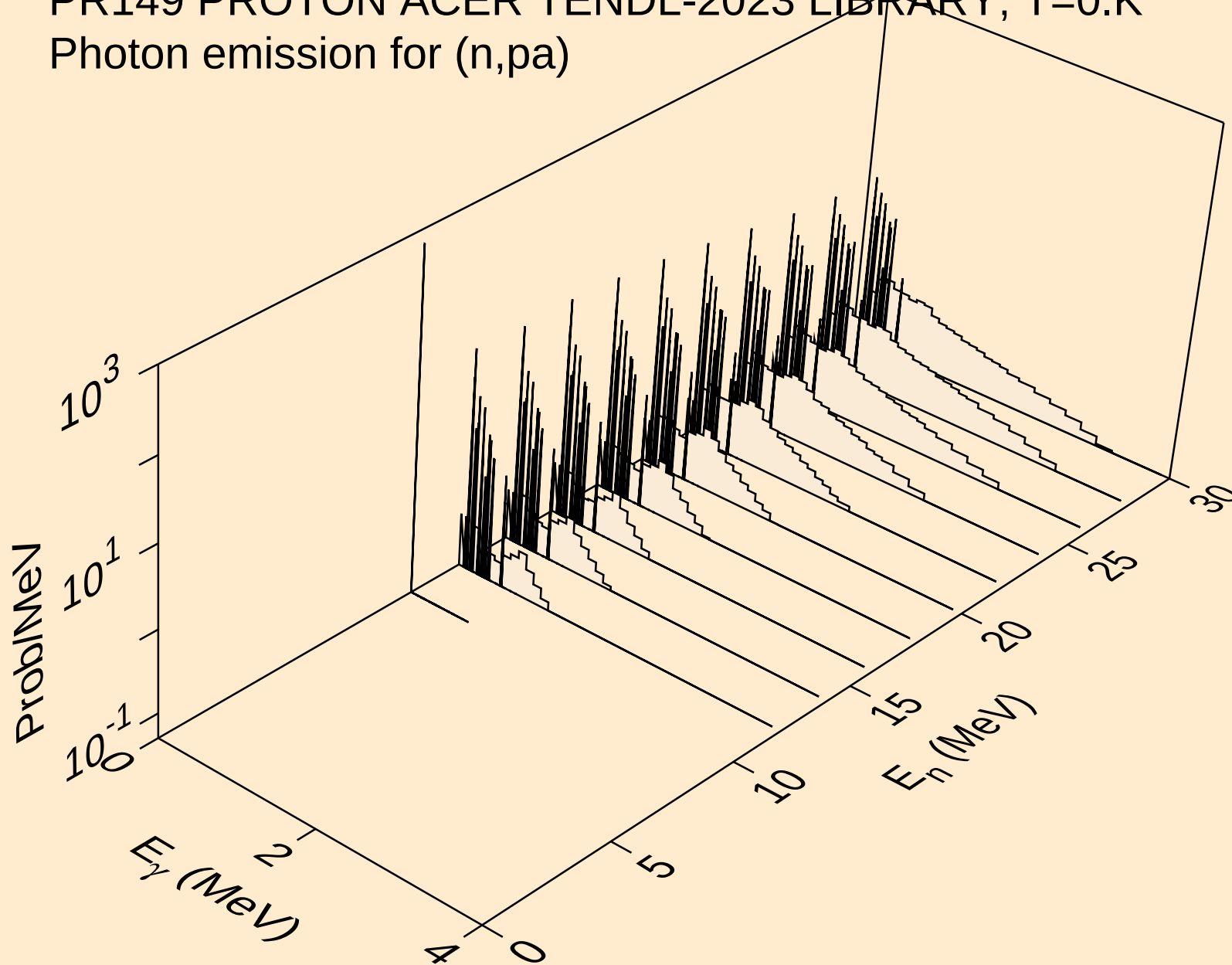
PR149 PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,2a)



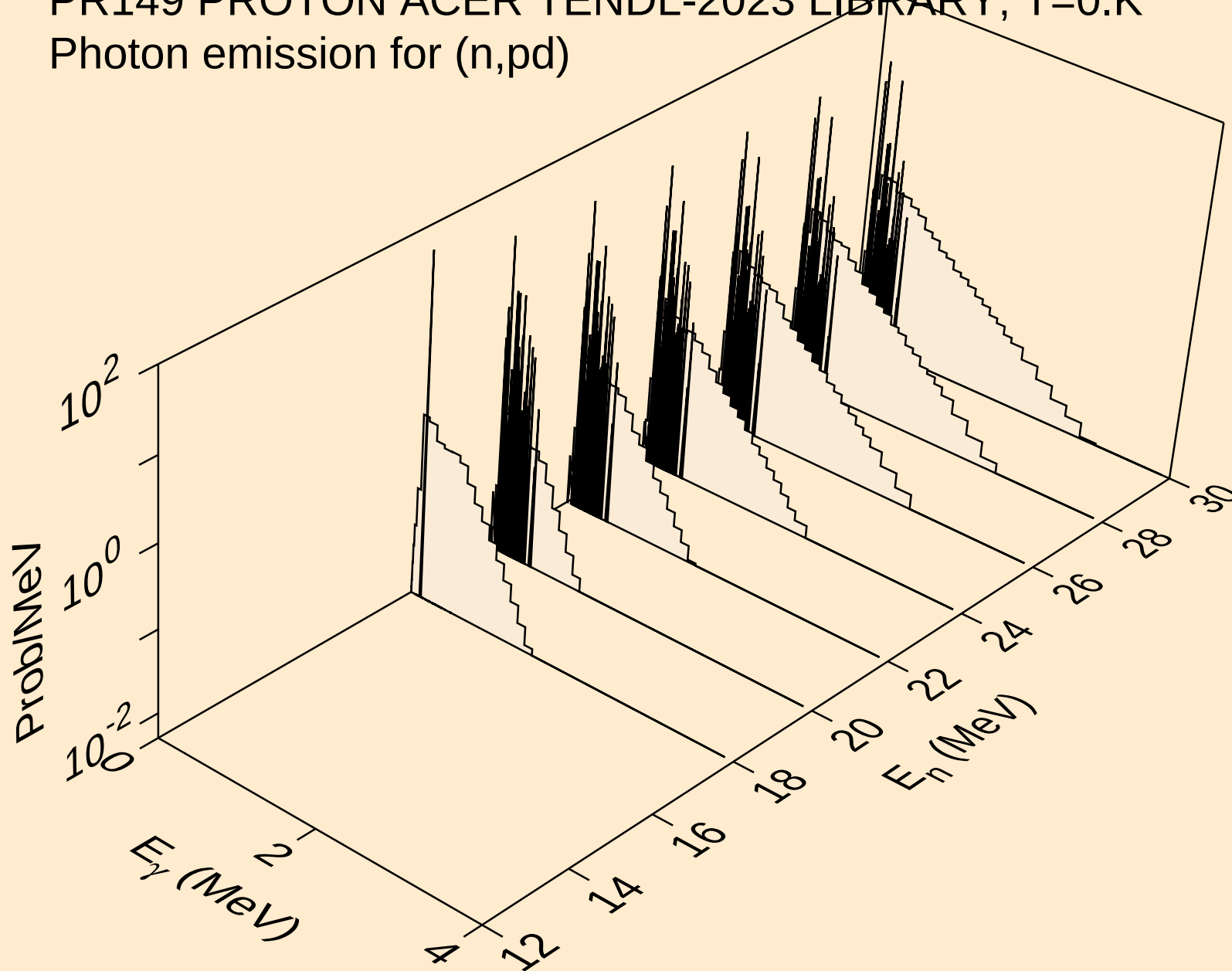
PR149 PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,2p)



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



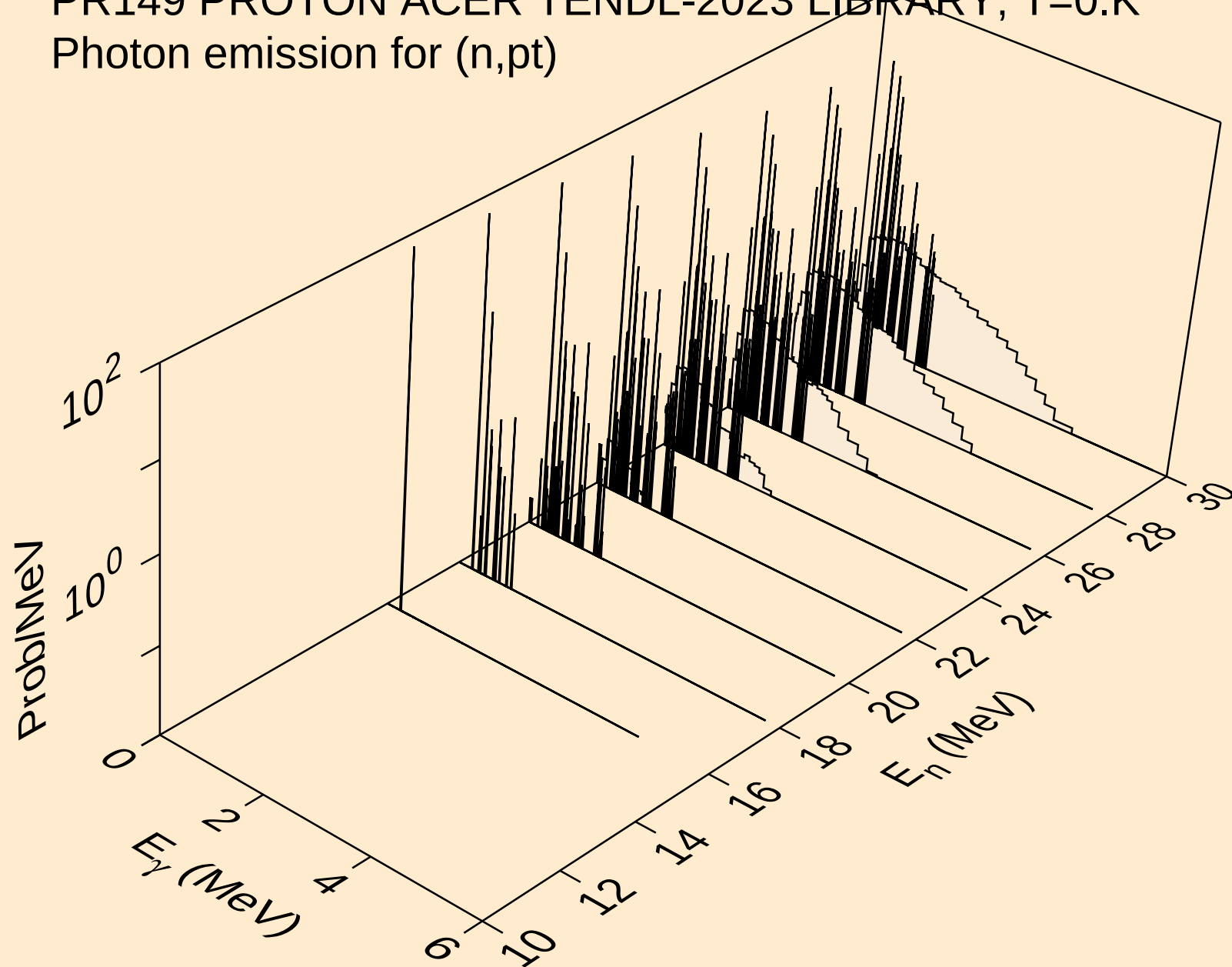
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



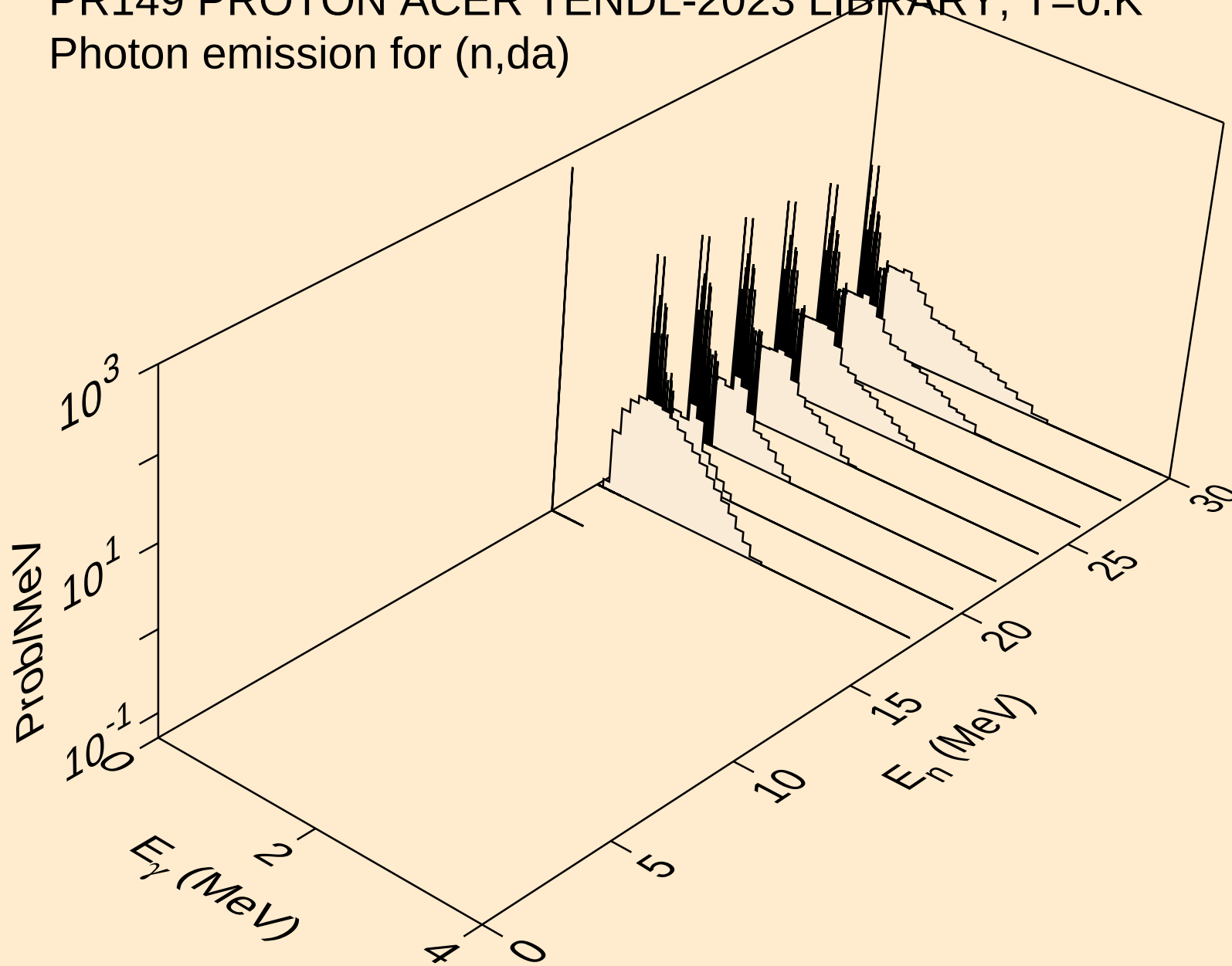


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

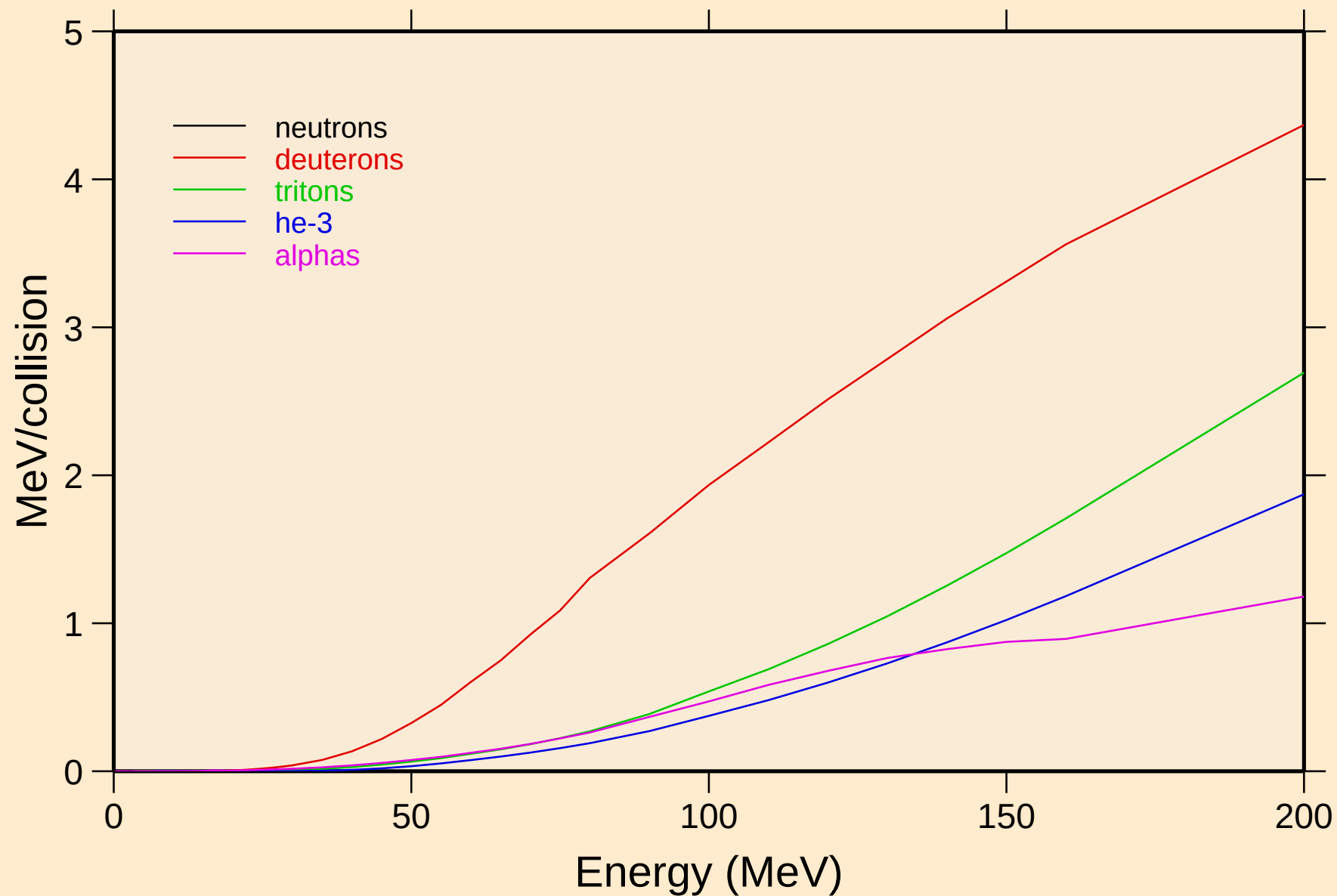
Photon emission for (n,pt)



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

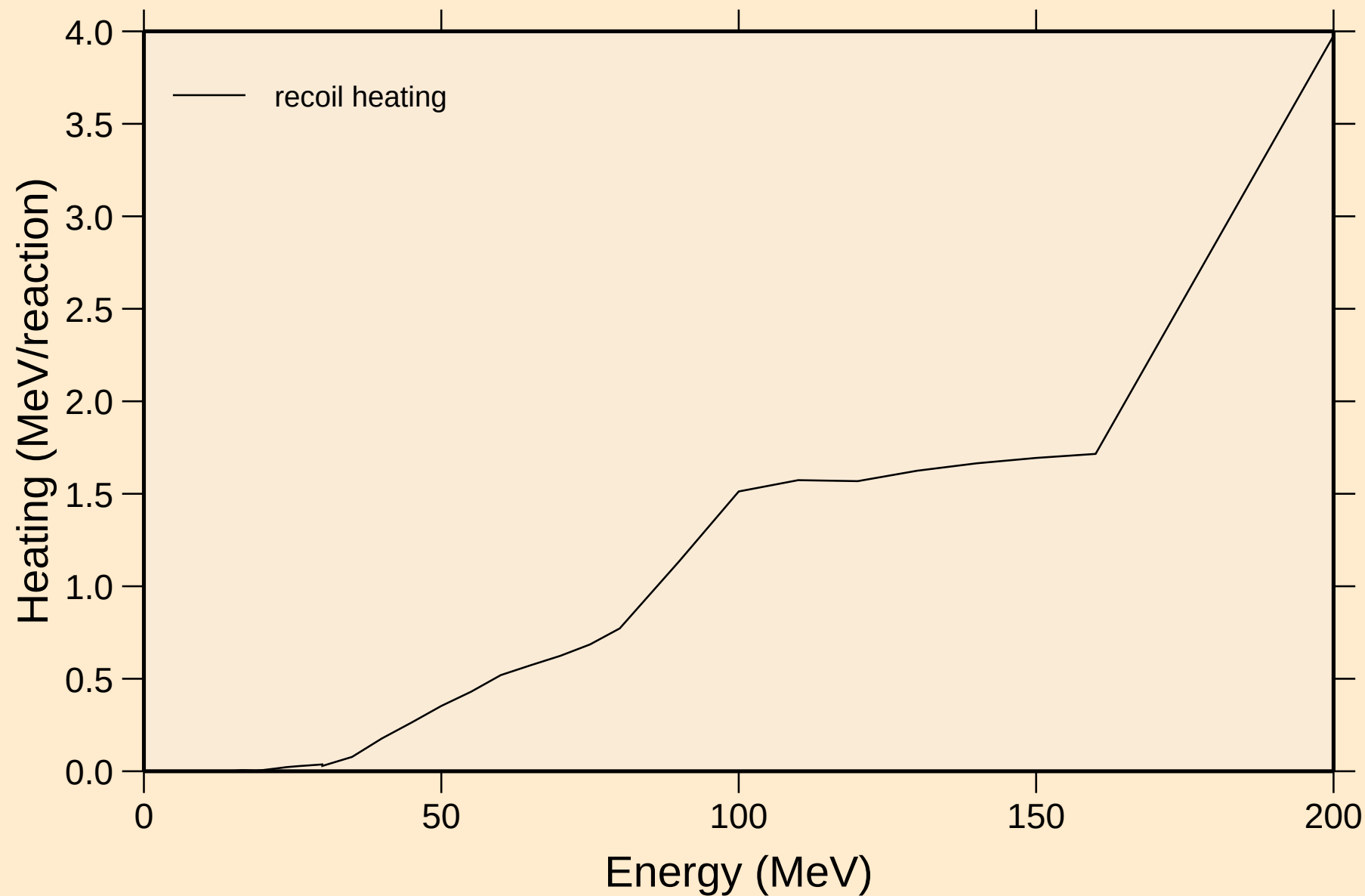


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



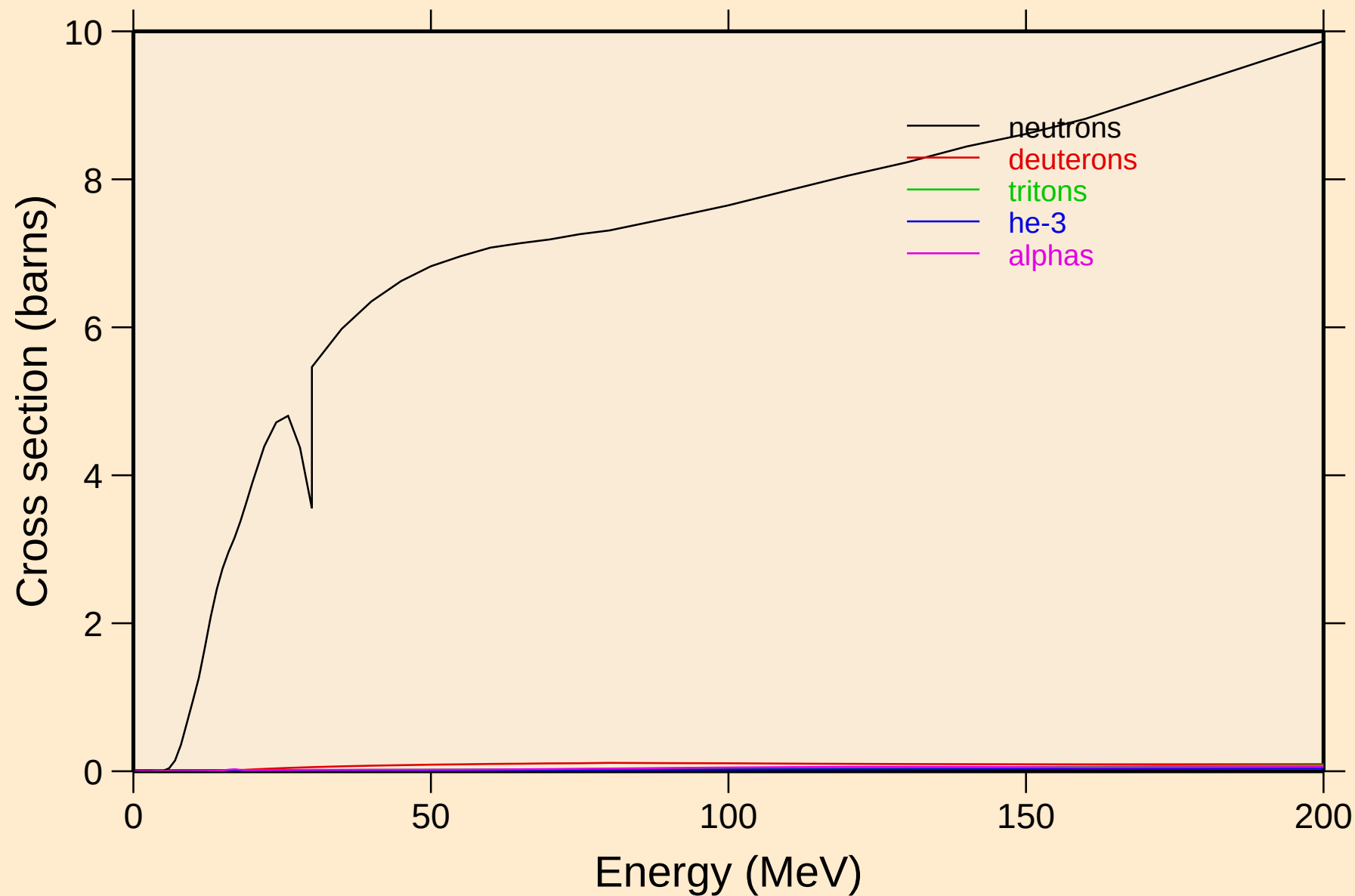
# PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

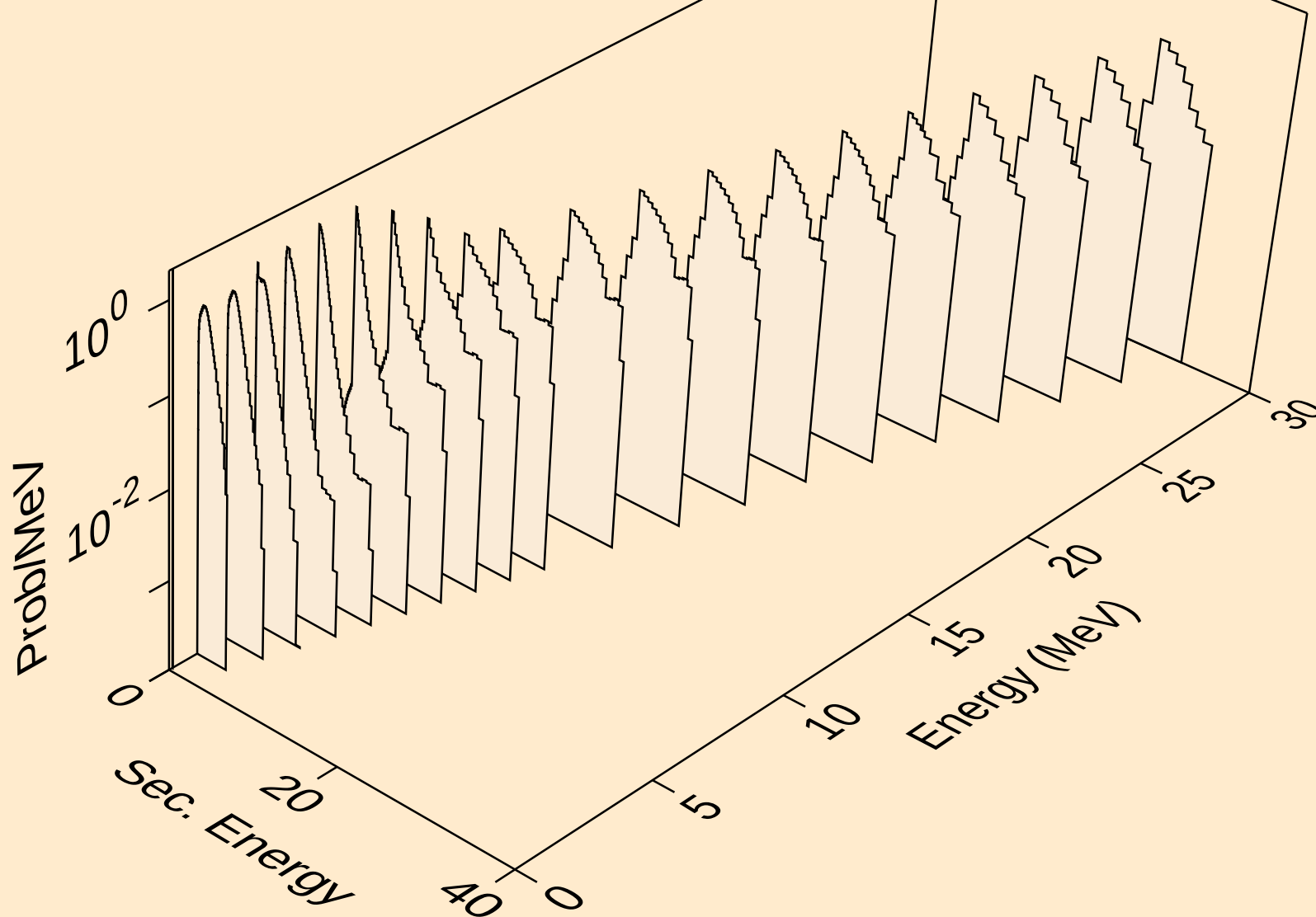


# PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

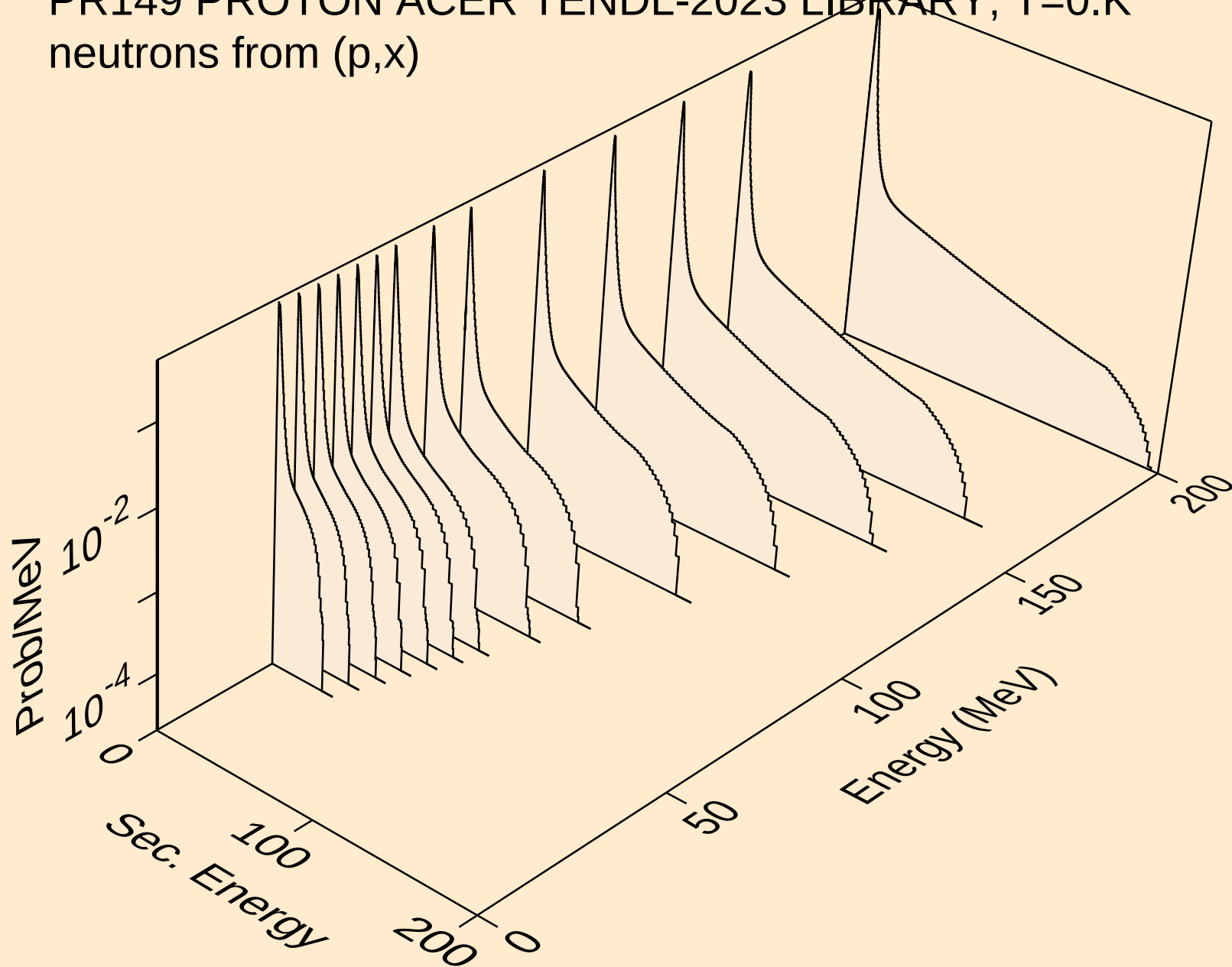
## Particle production cross sections



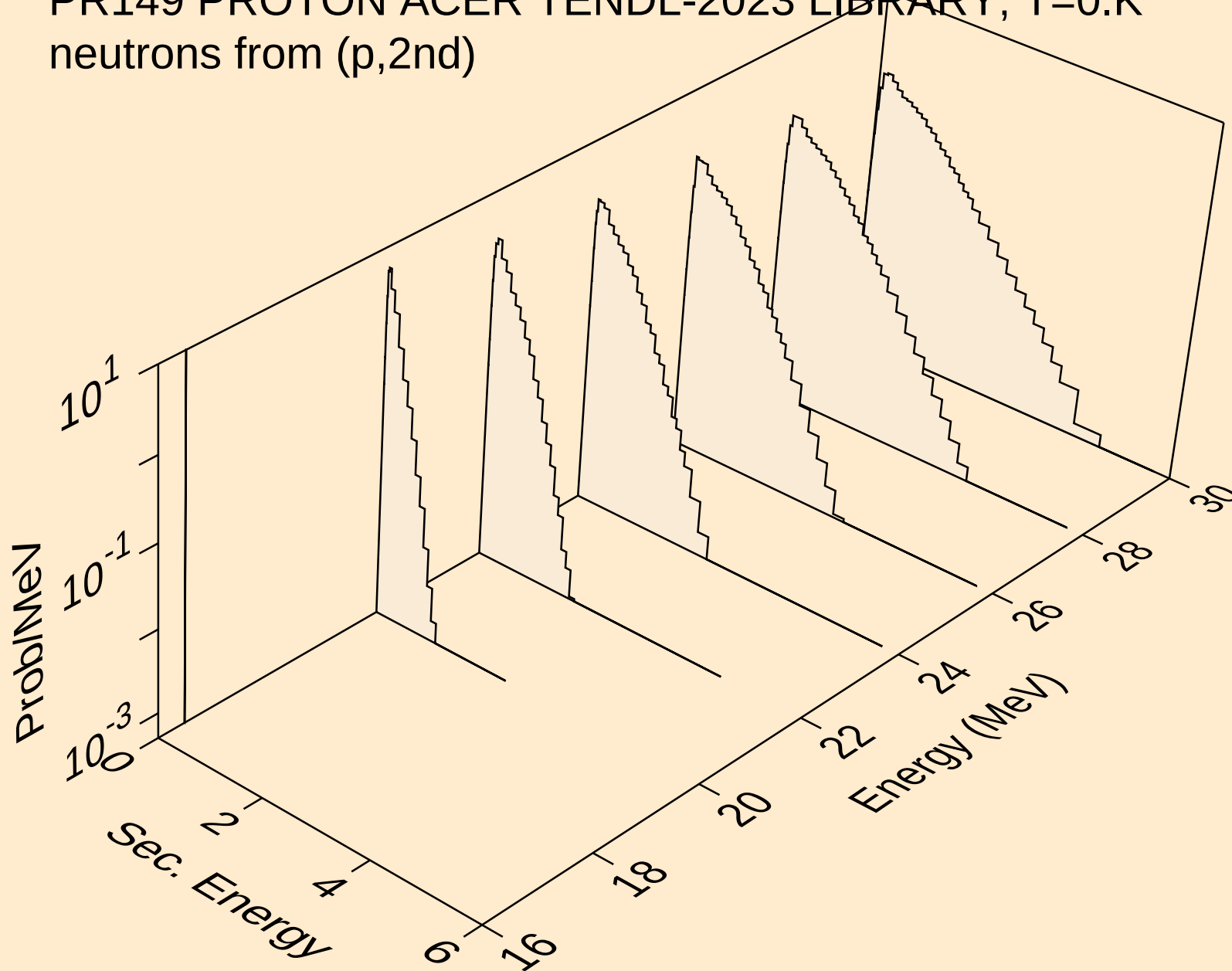
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

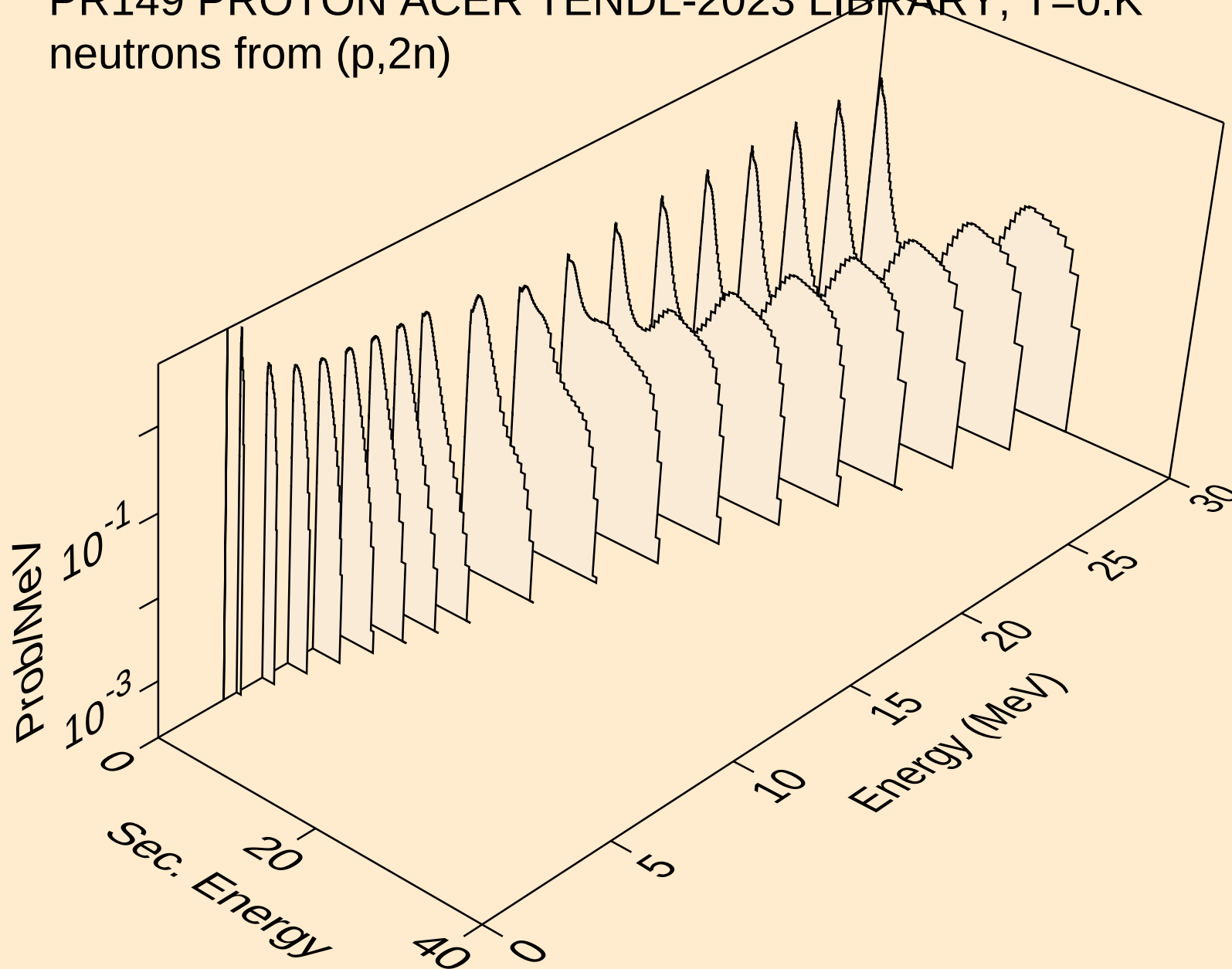


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

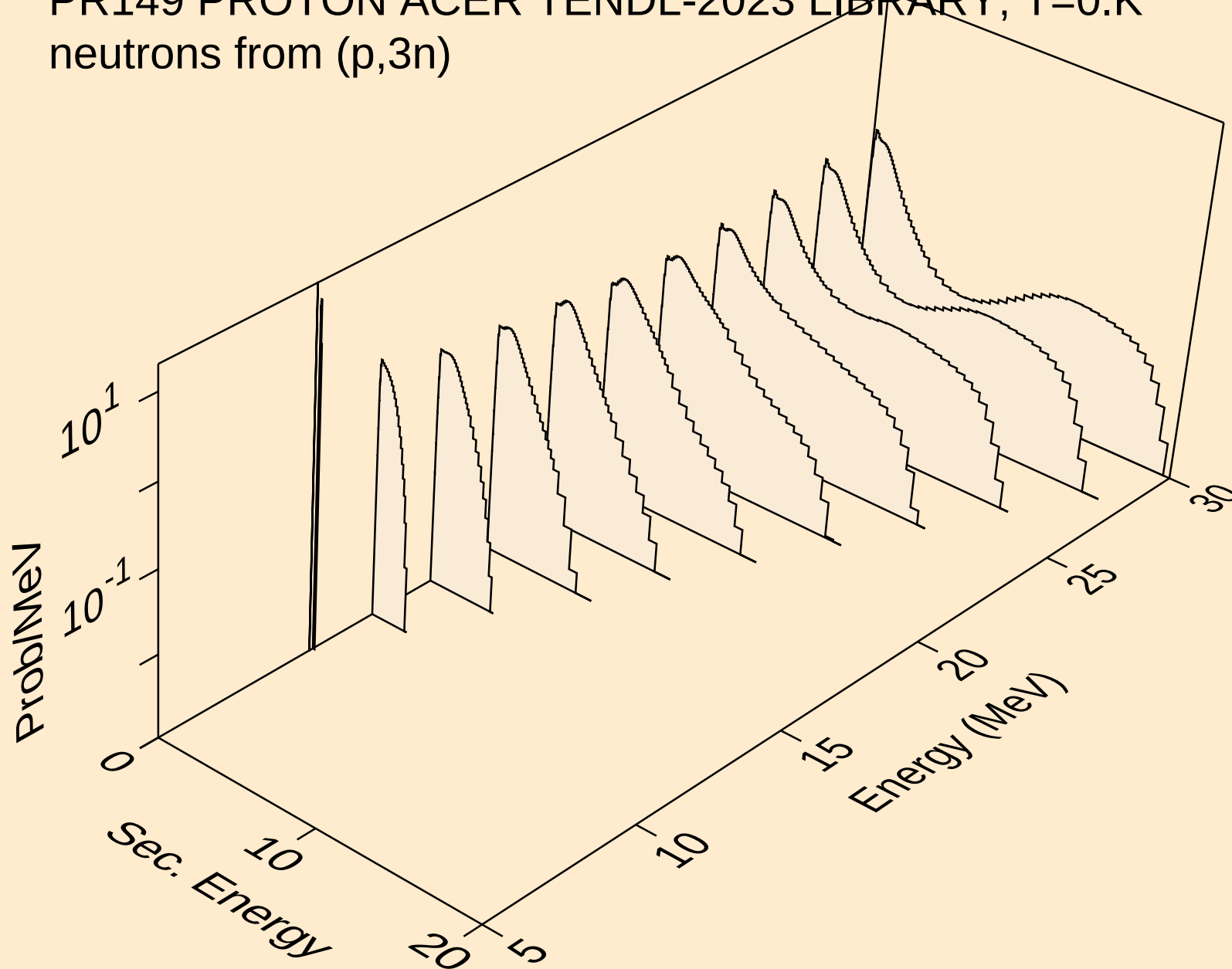




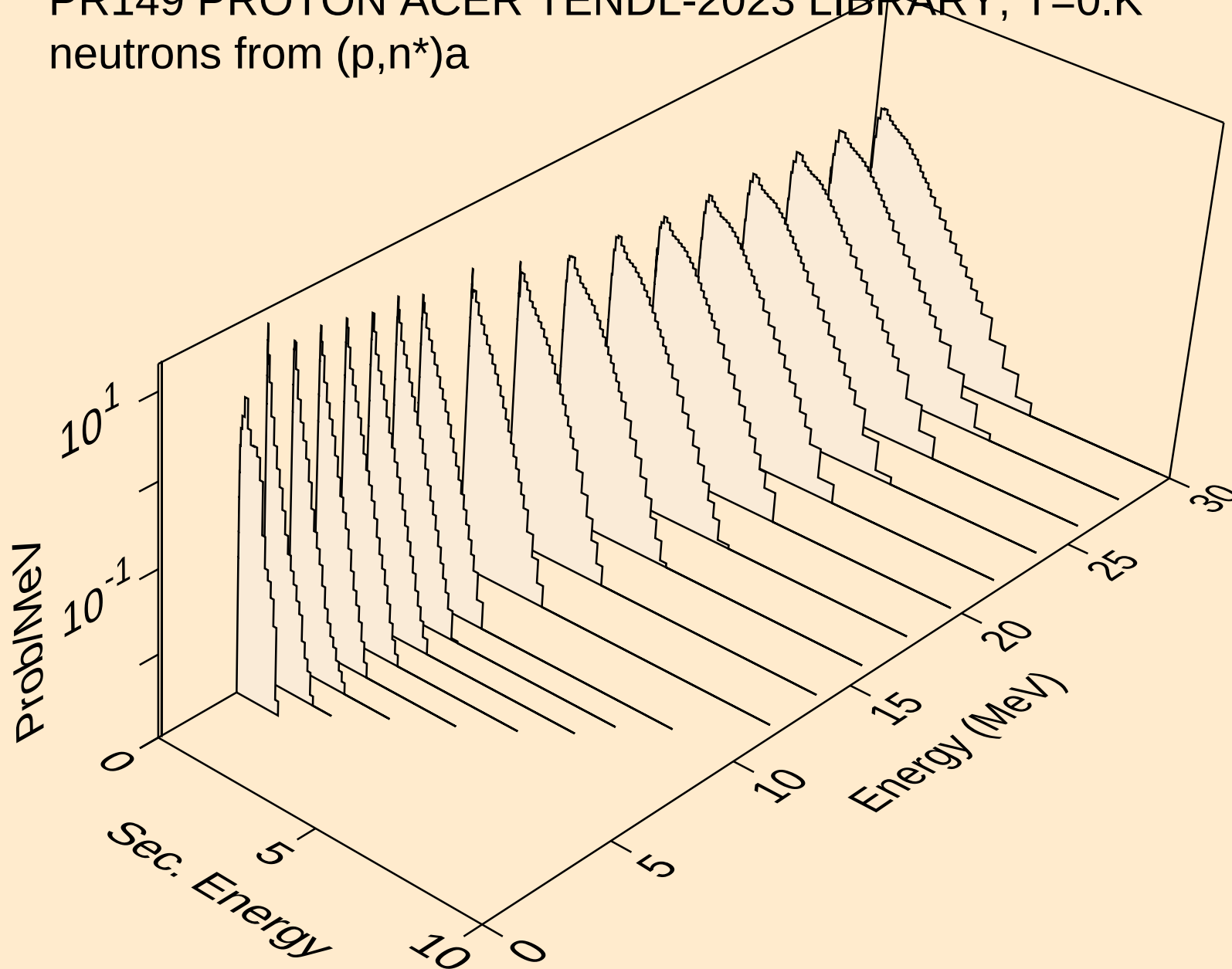
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



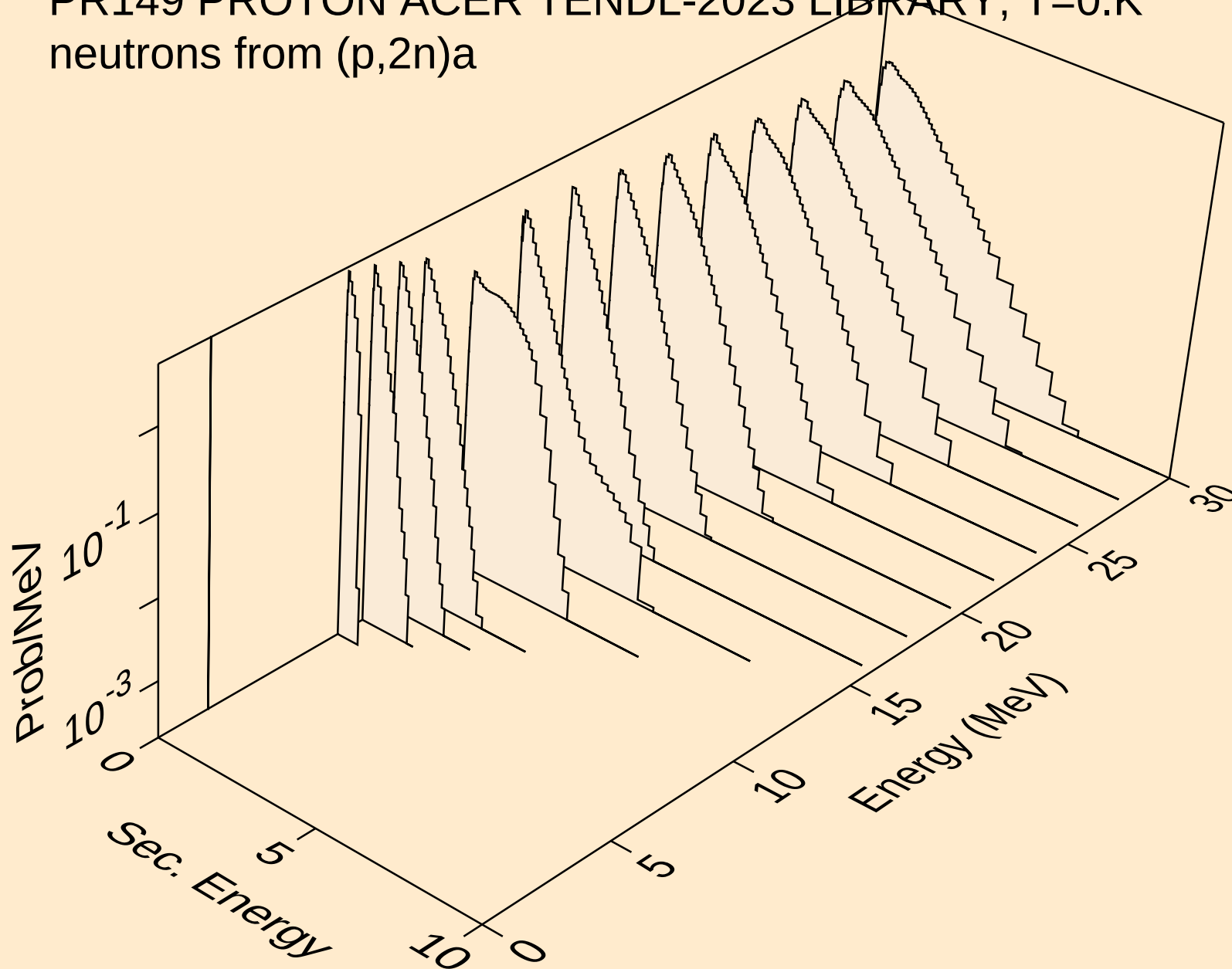
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



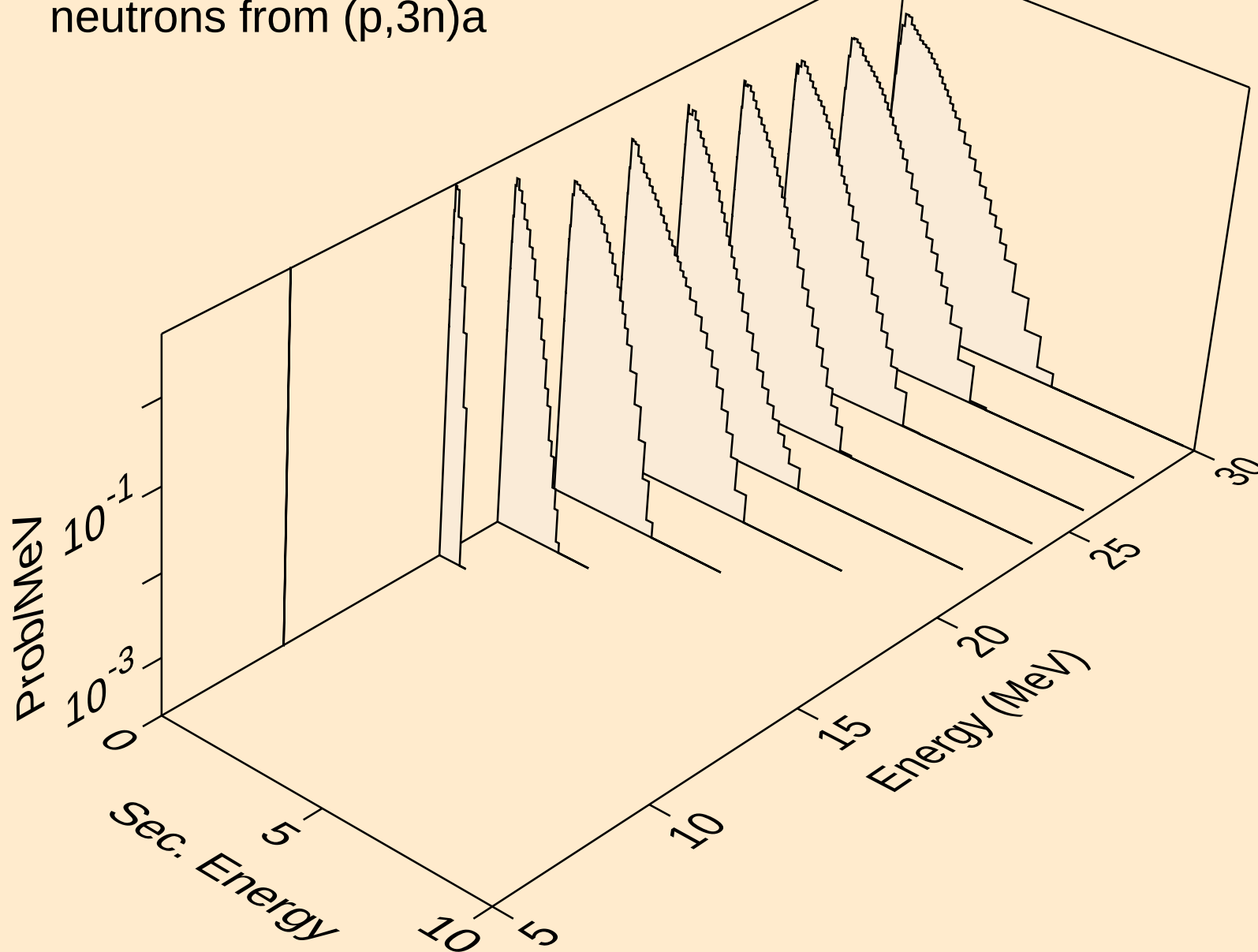
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



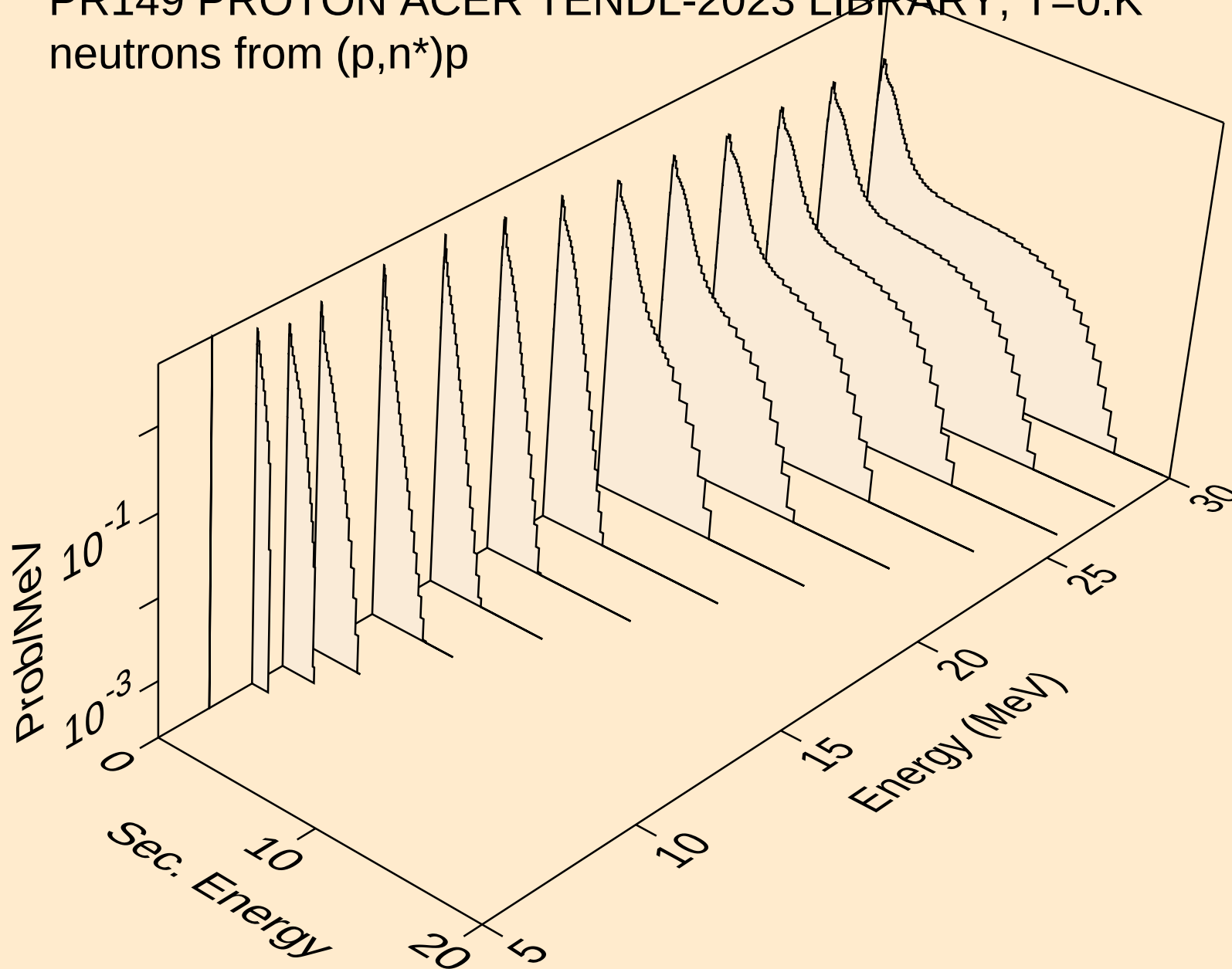
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



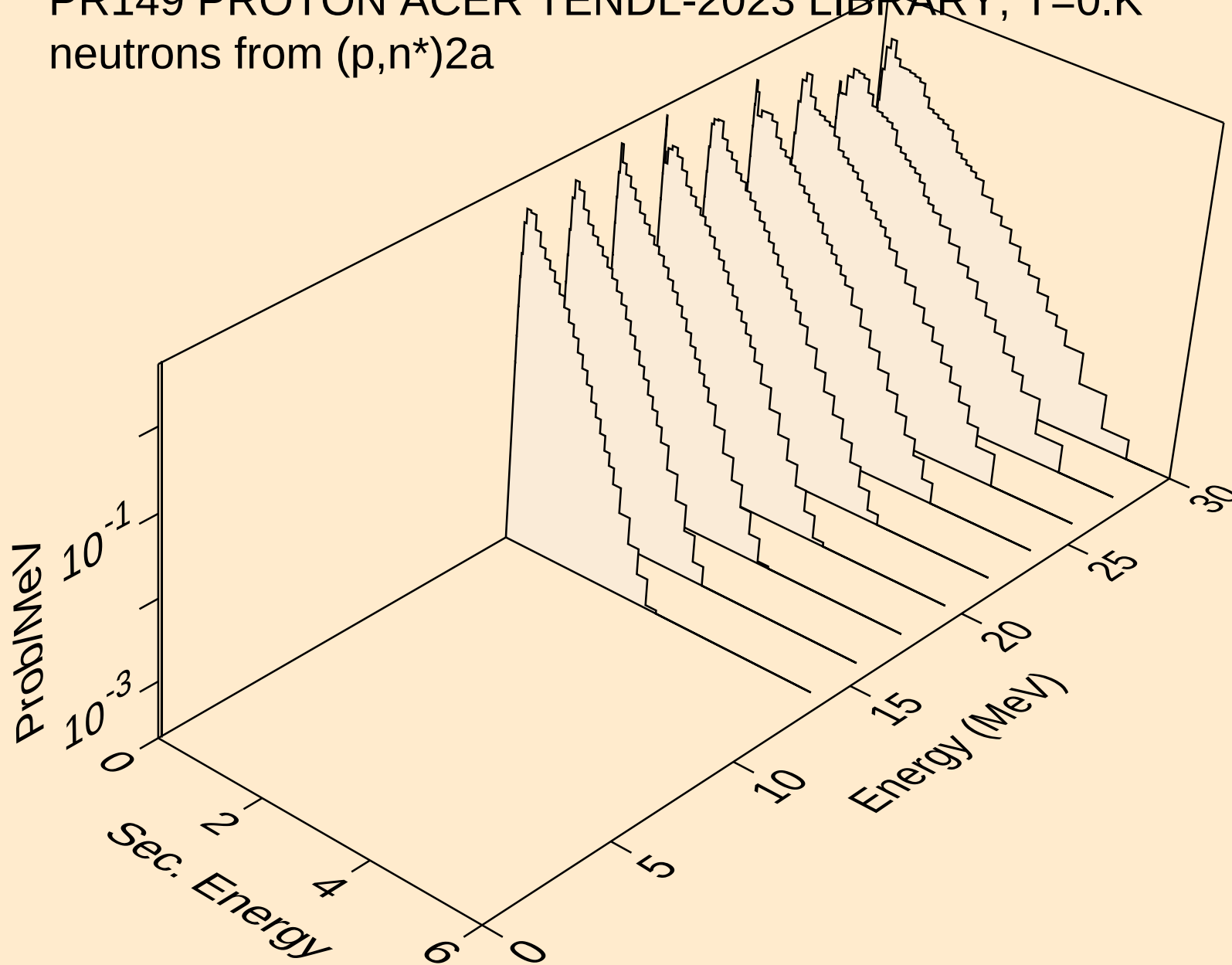
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



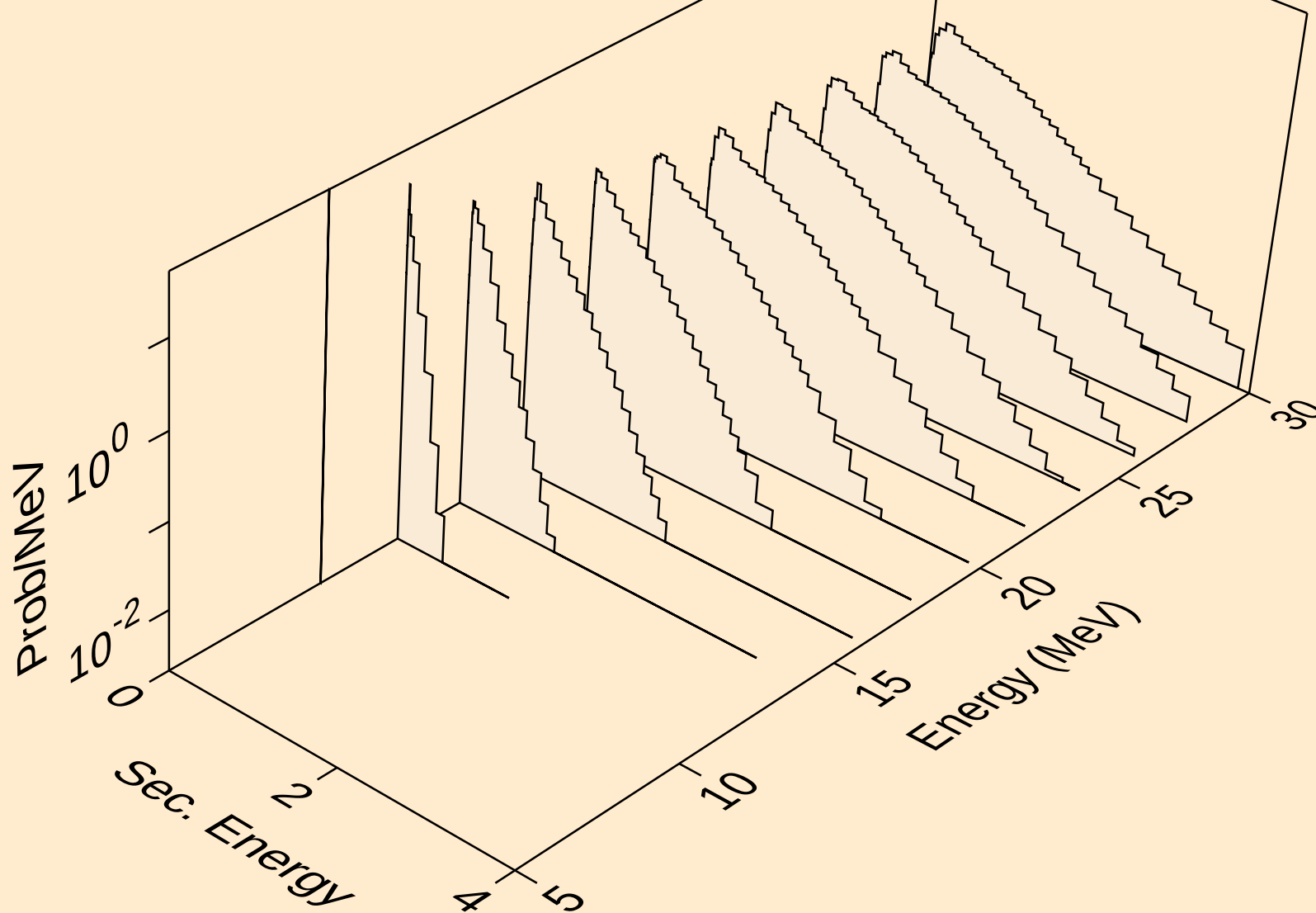
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

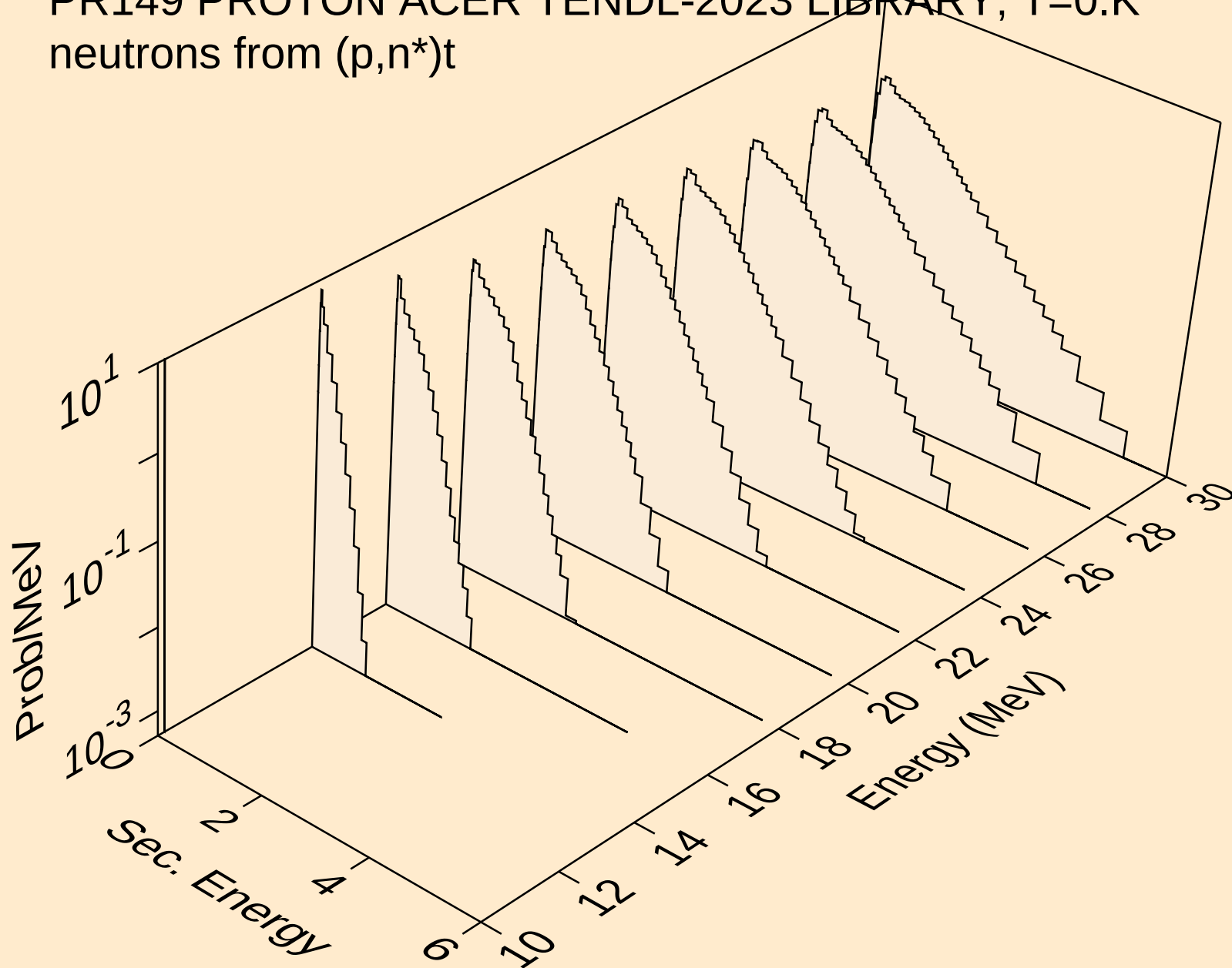


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

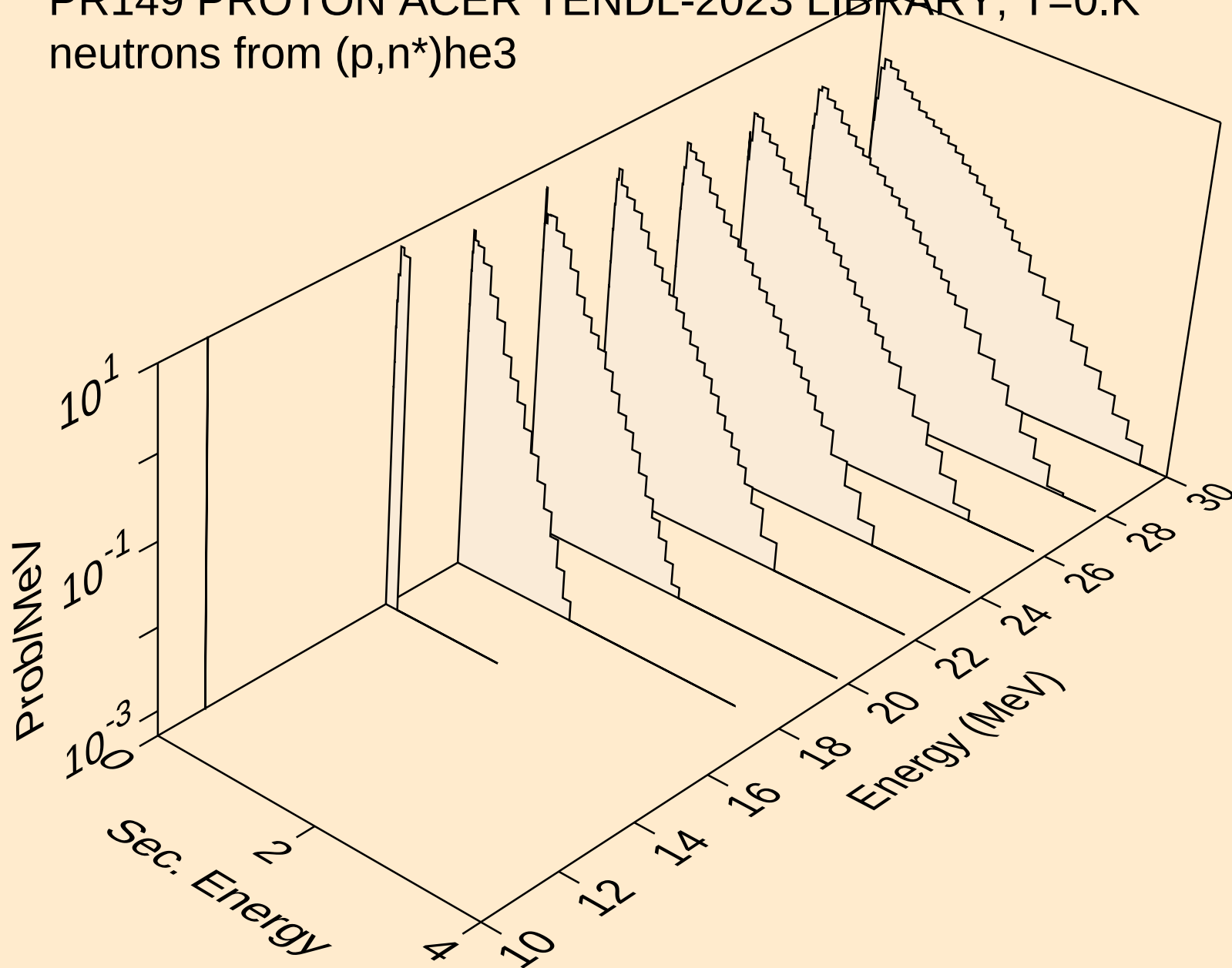




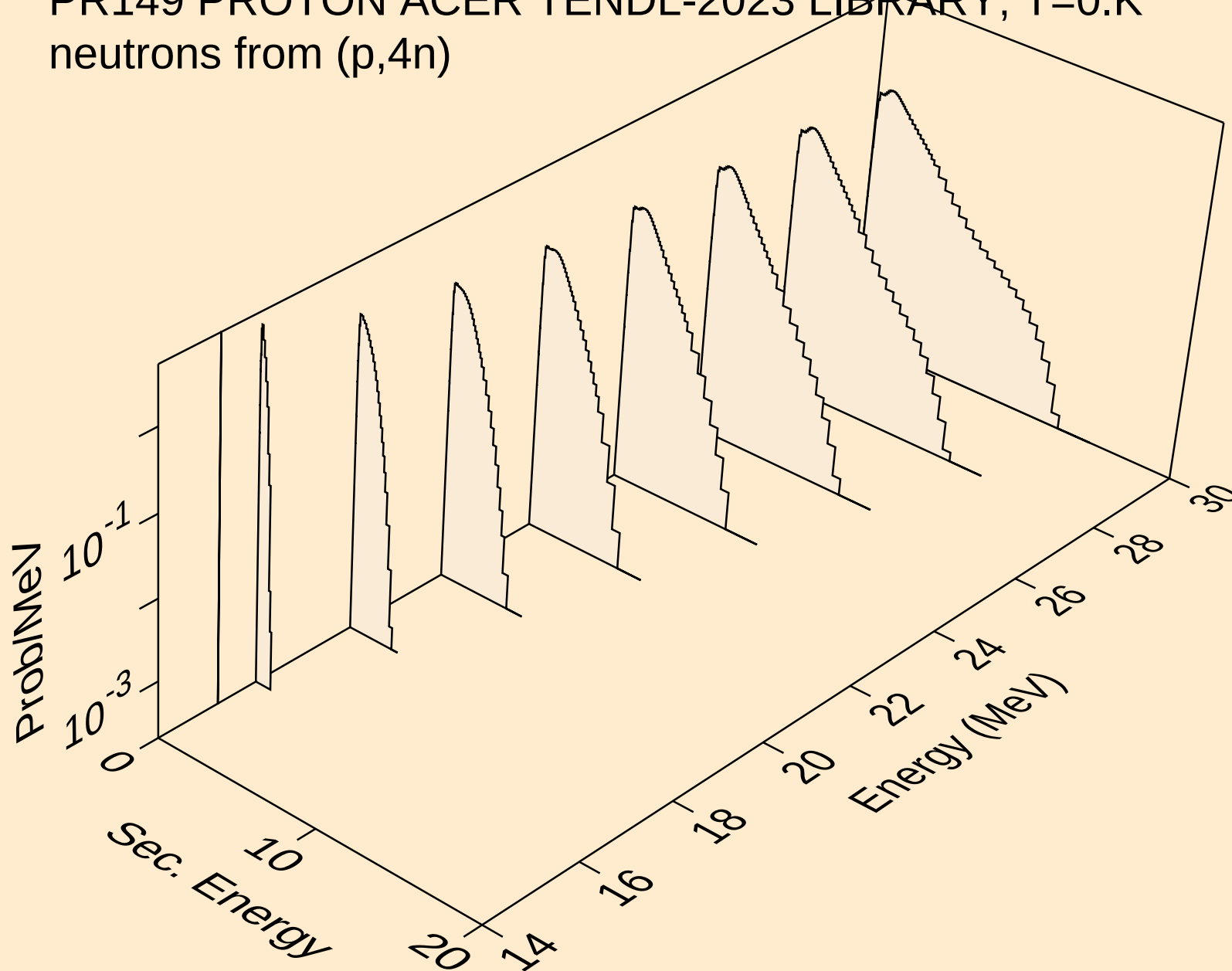
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



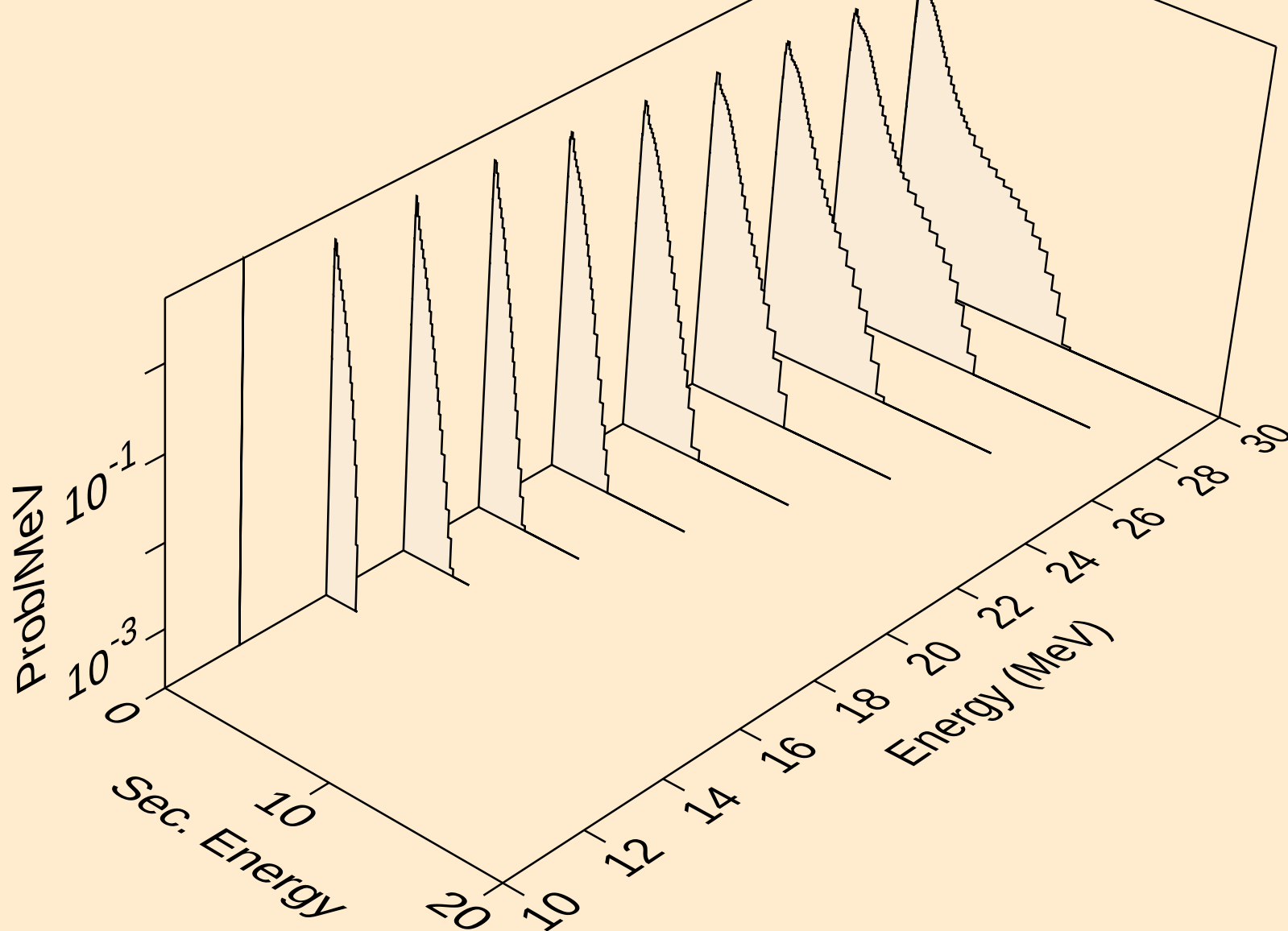
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



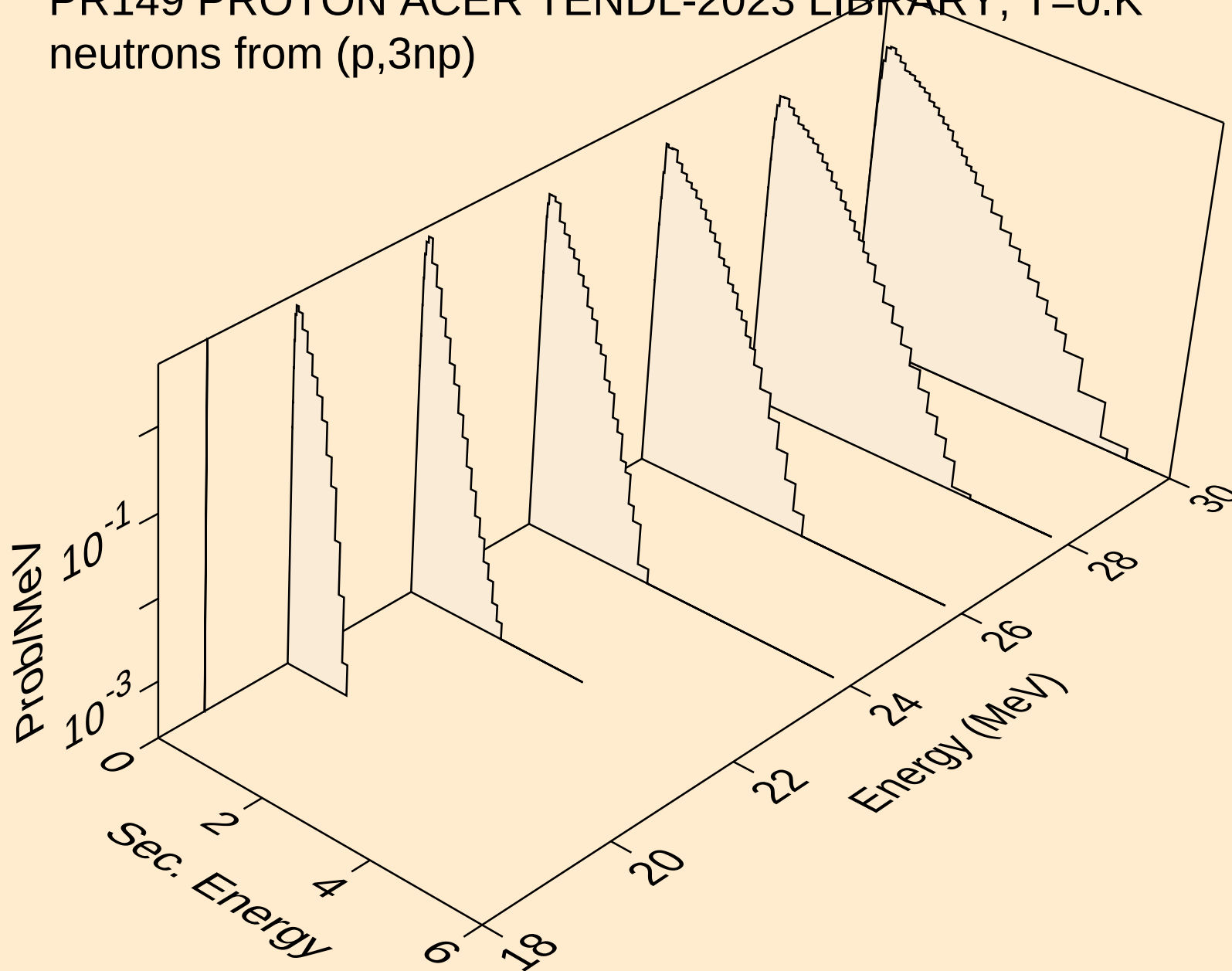
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



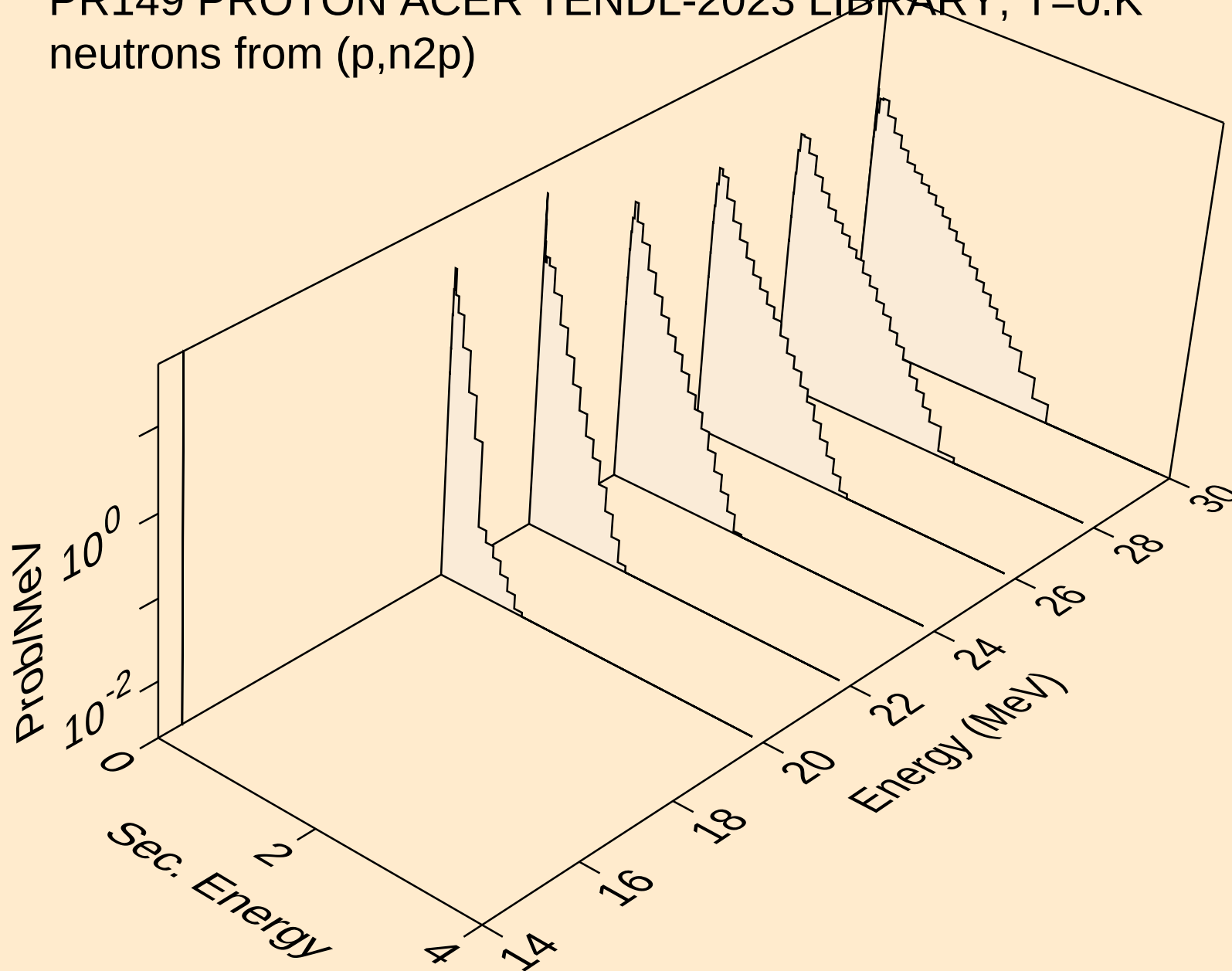
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



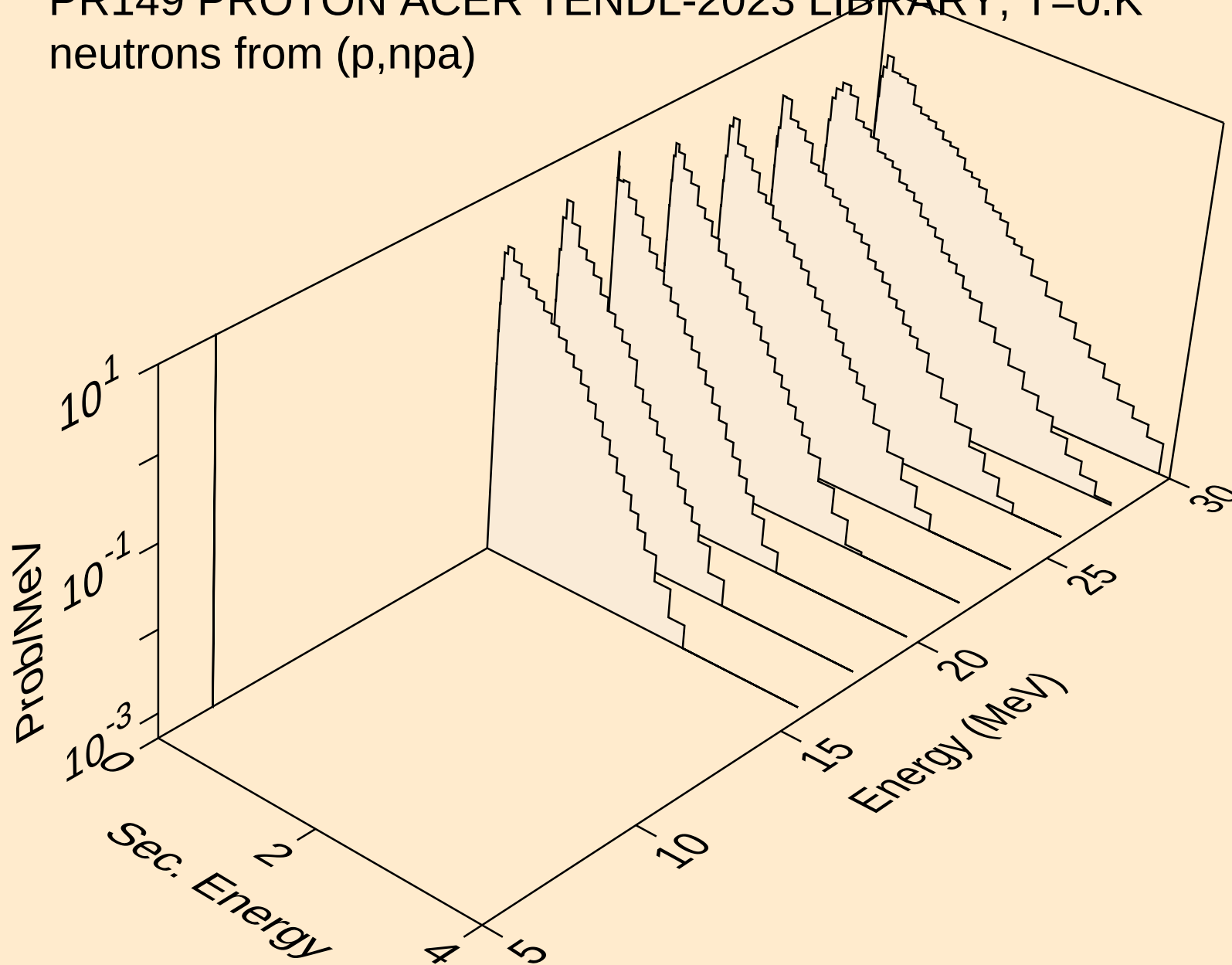
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



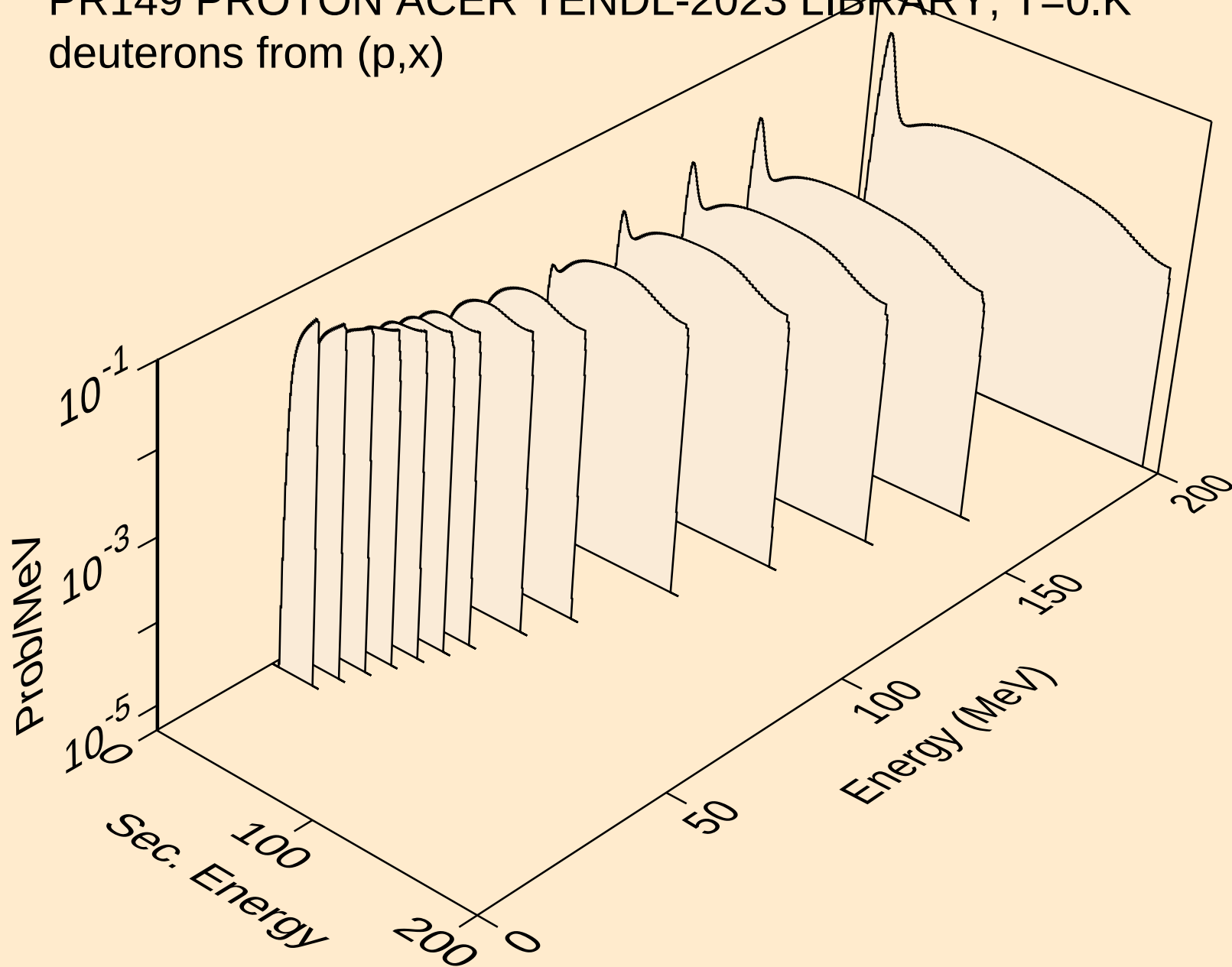
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)

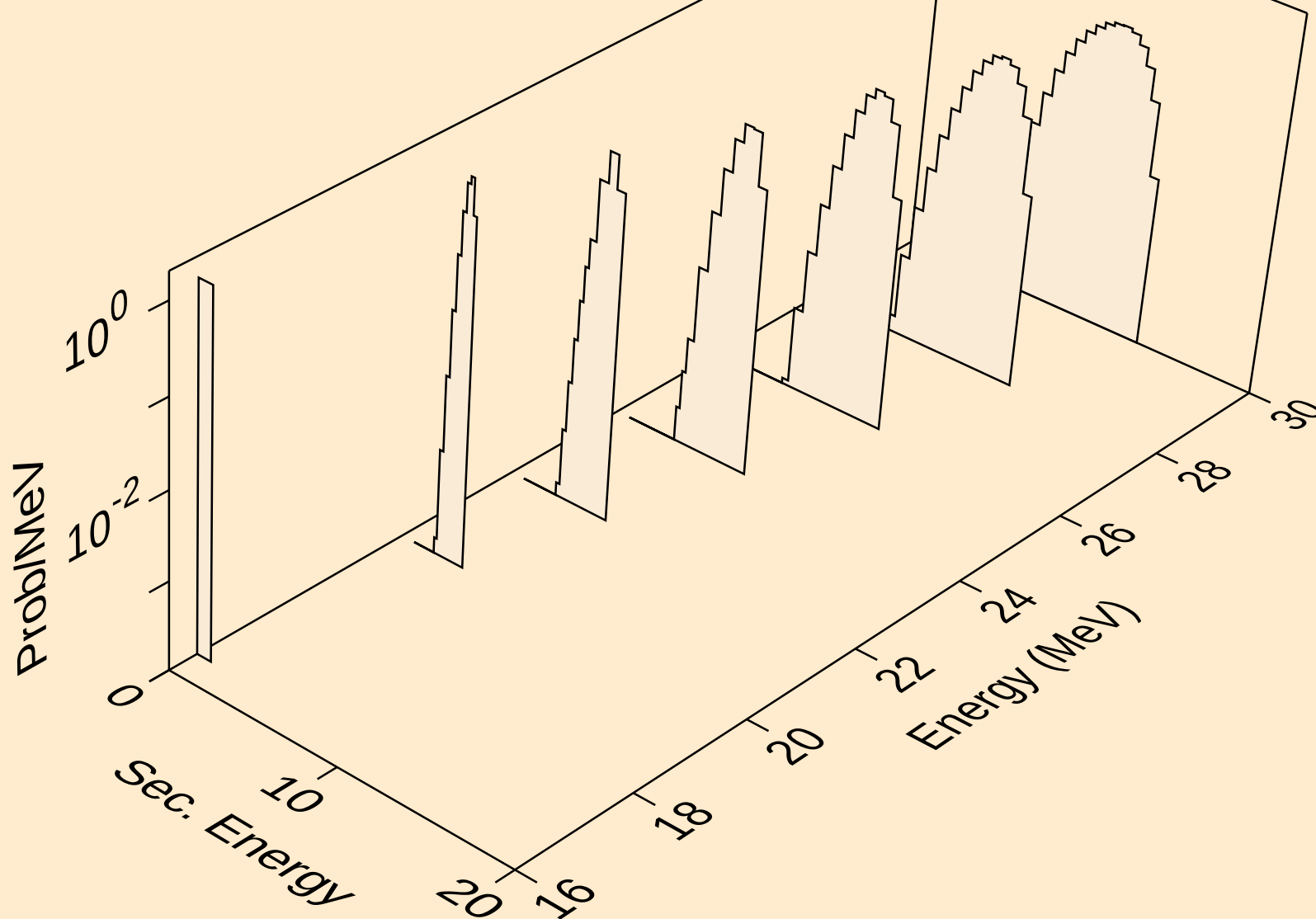


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

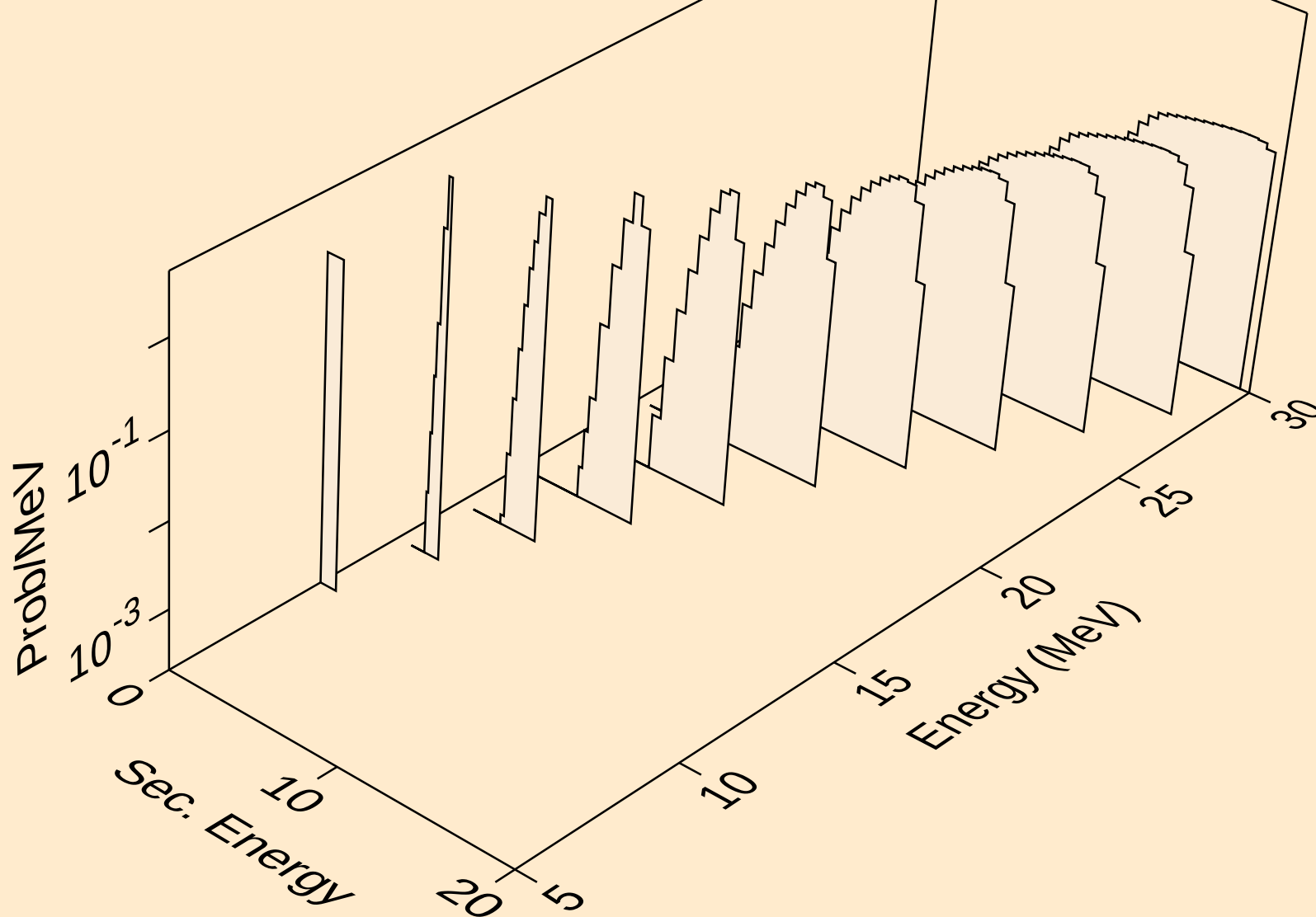




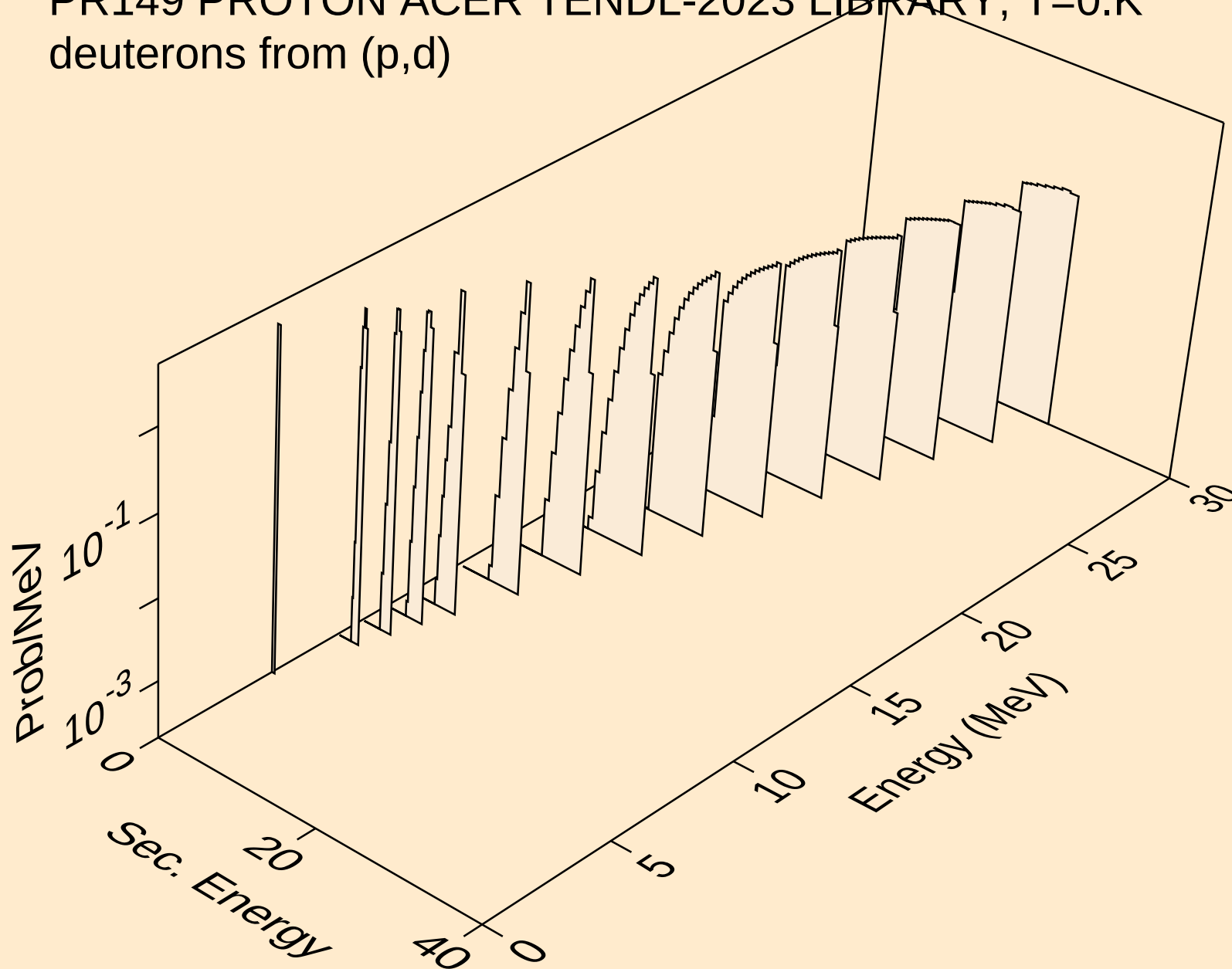
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



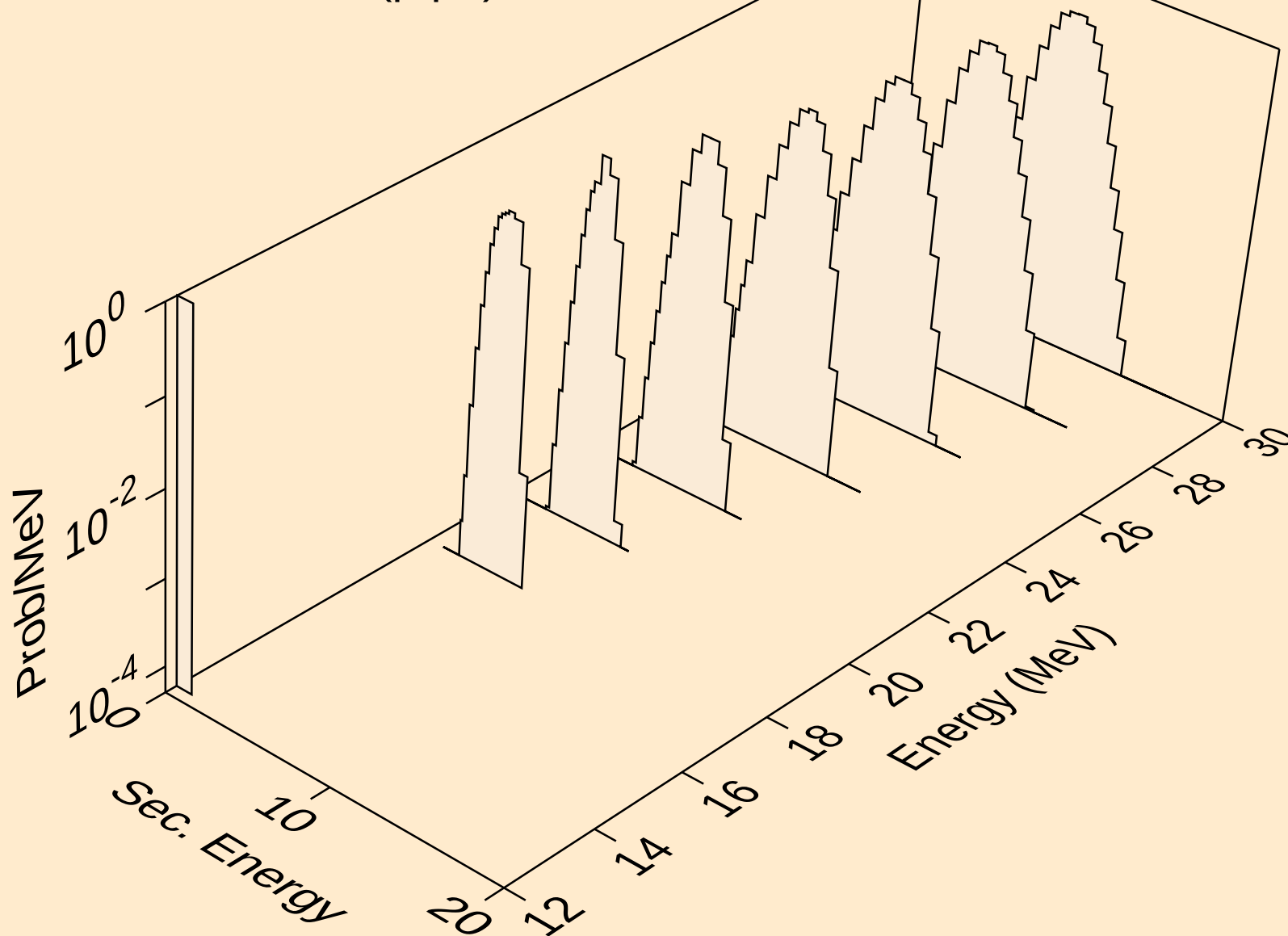
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



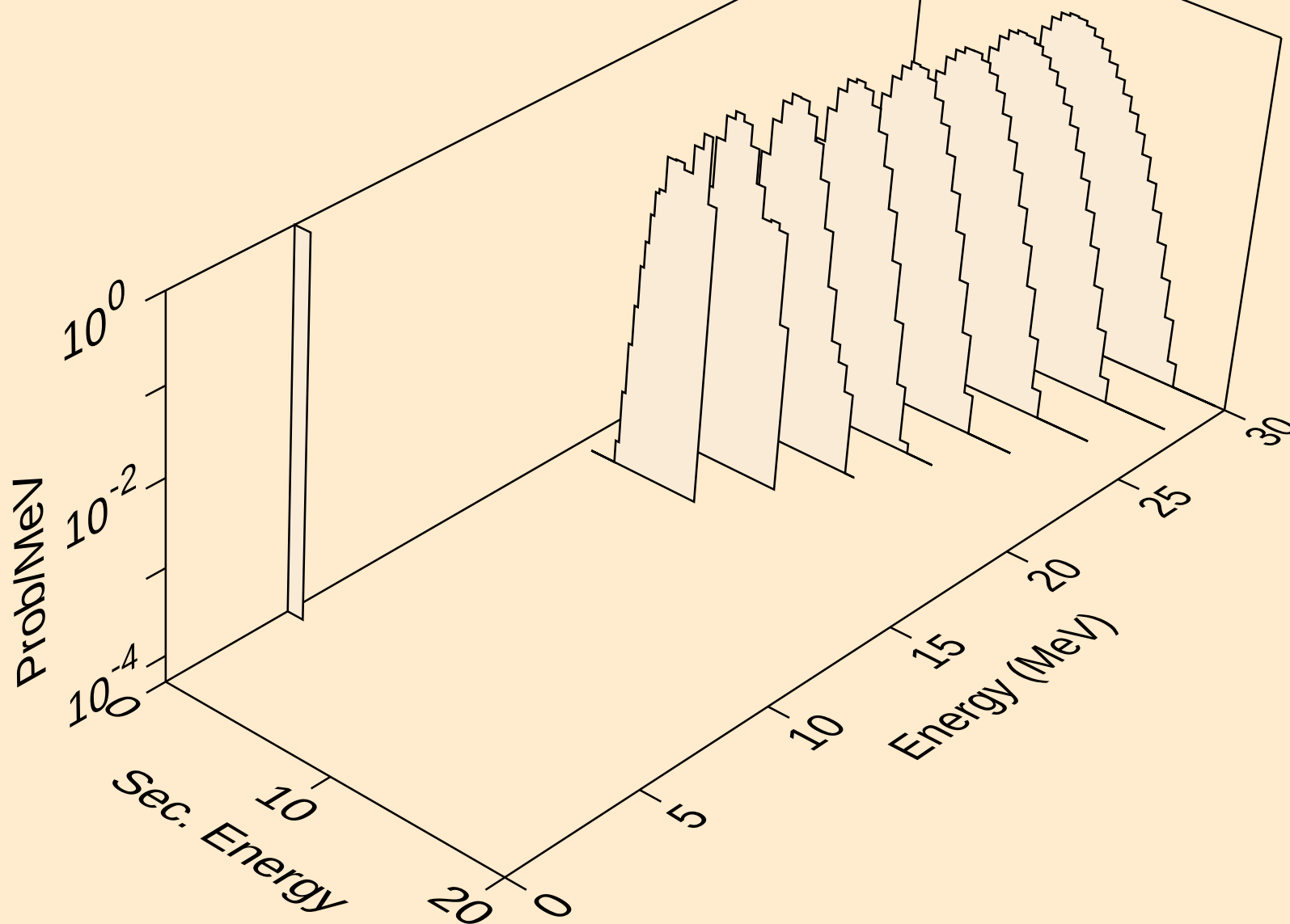
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



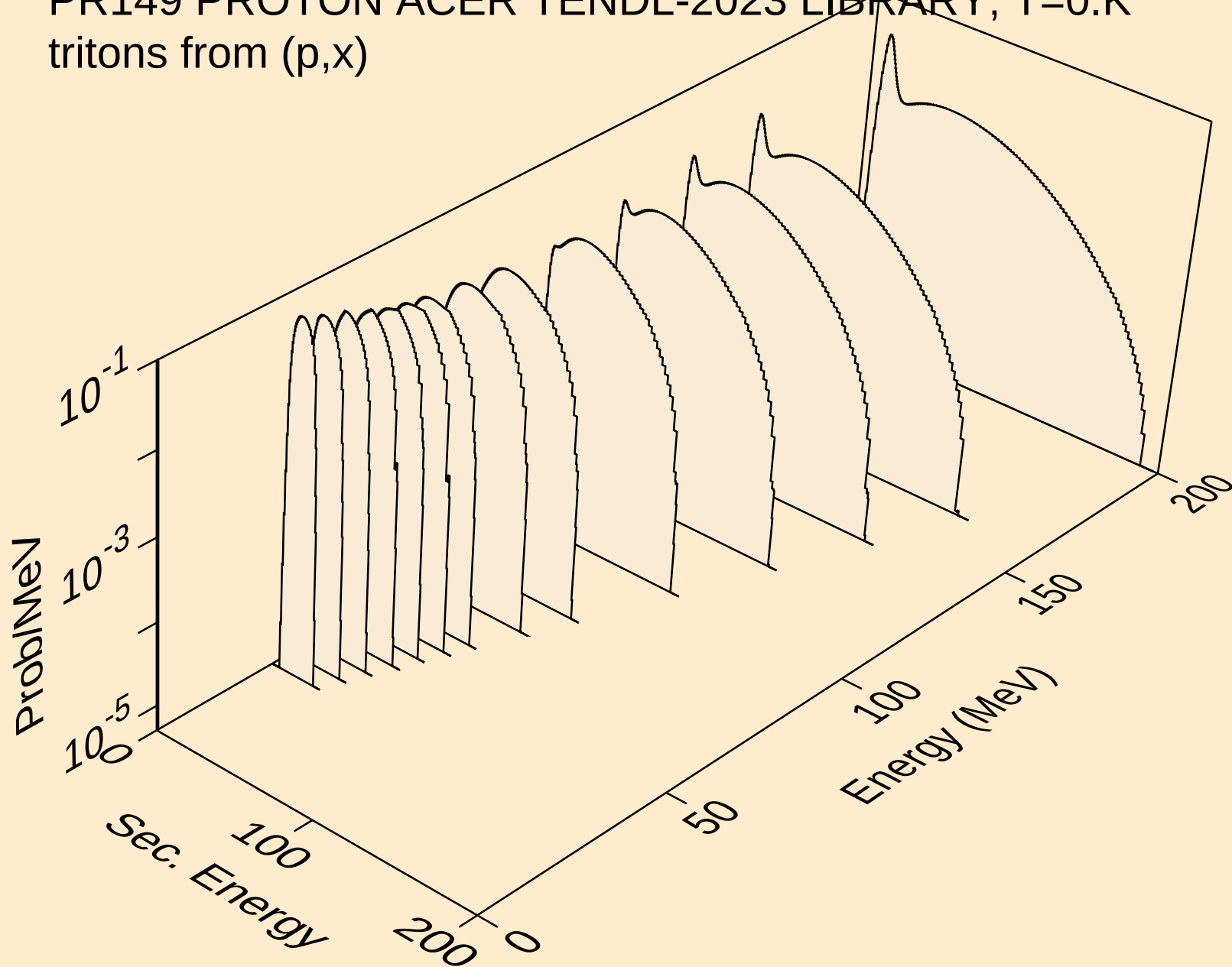
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



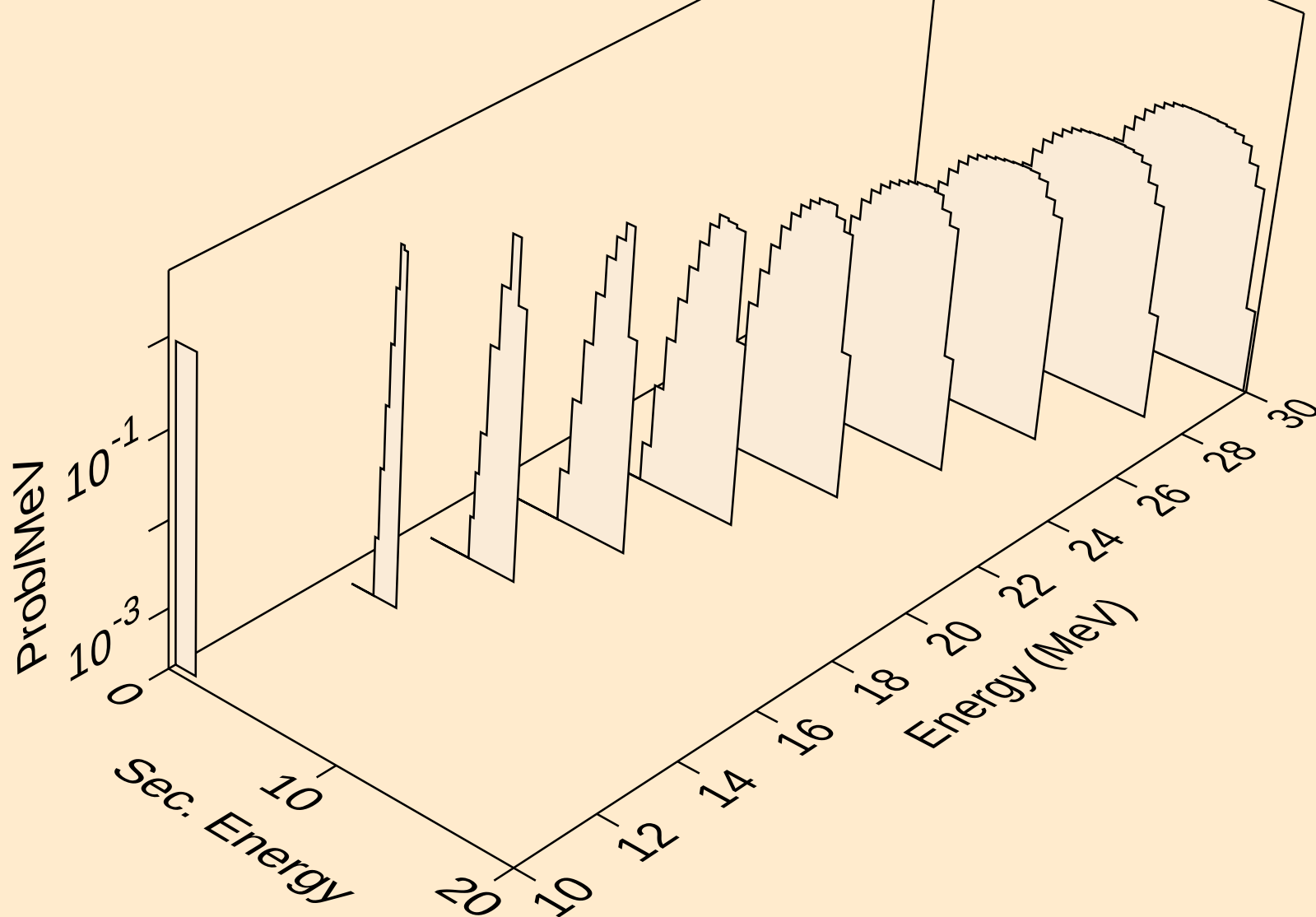
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



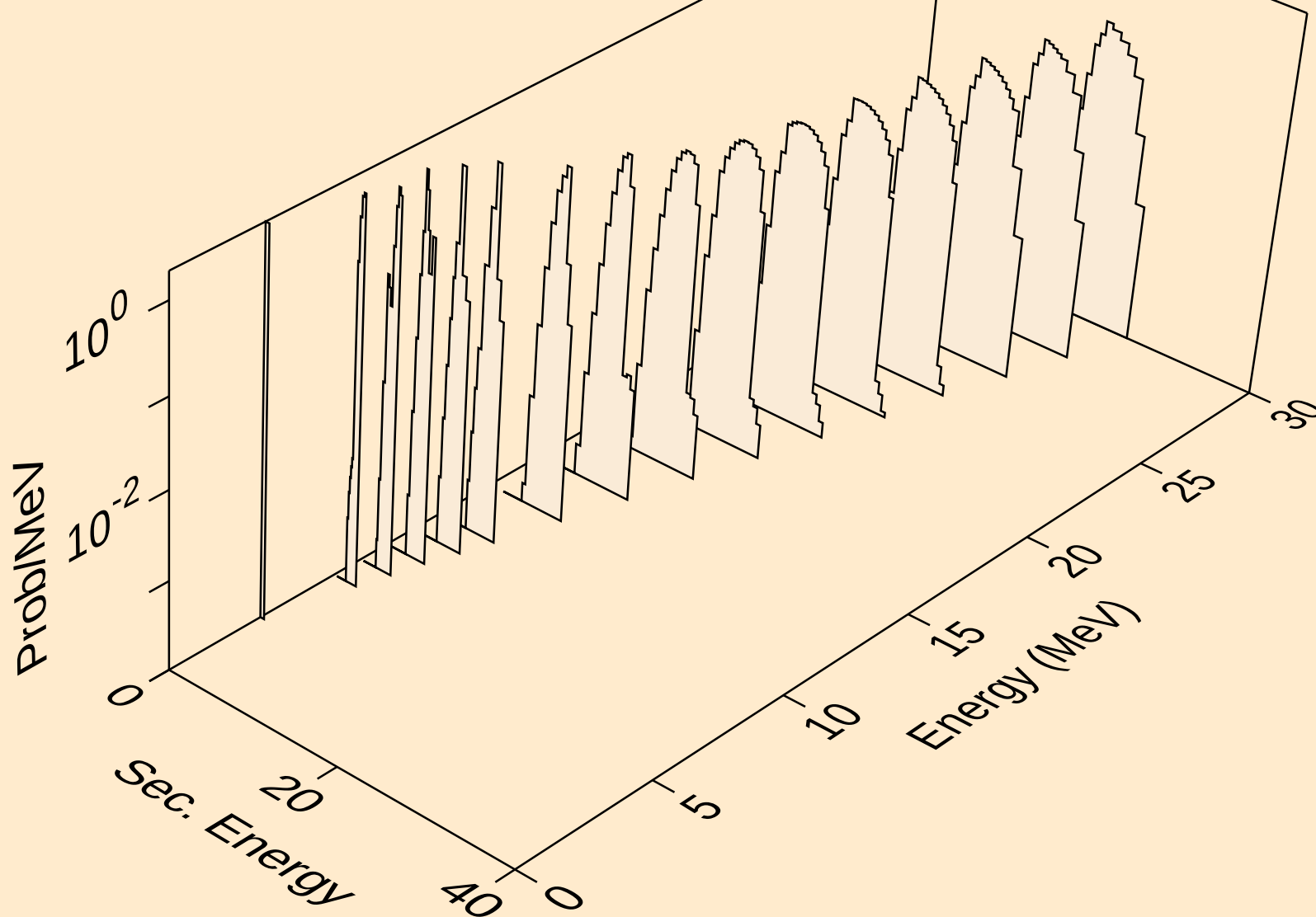
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

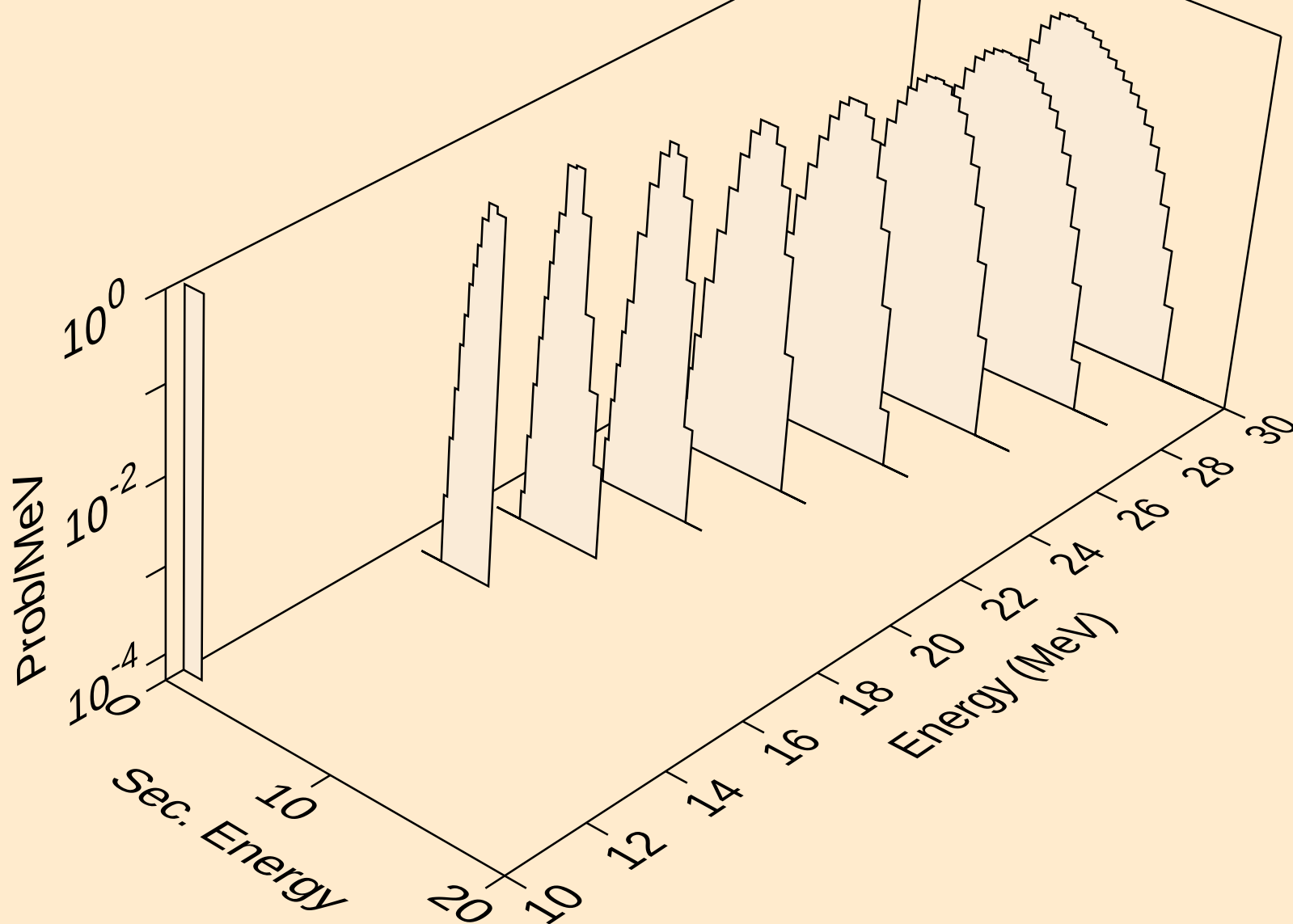


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

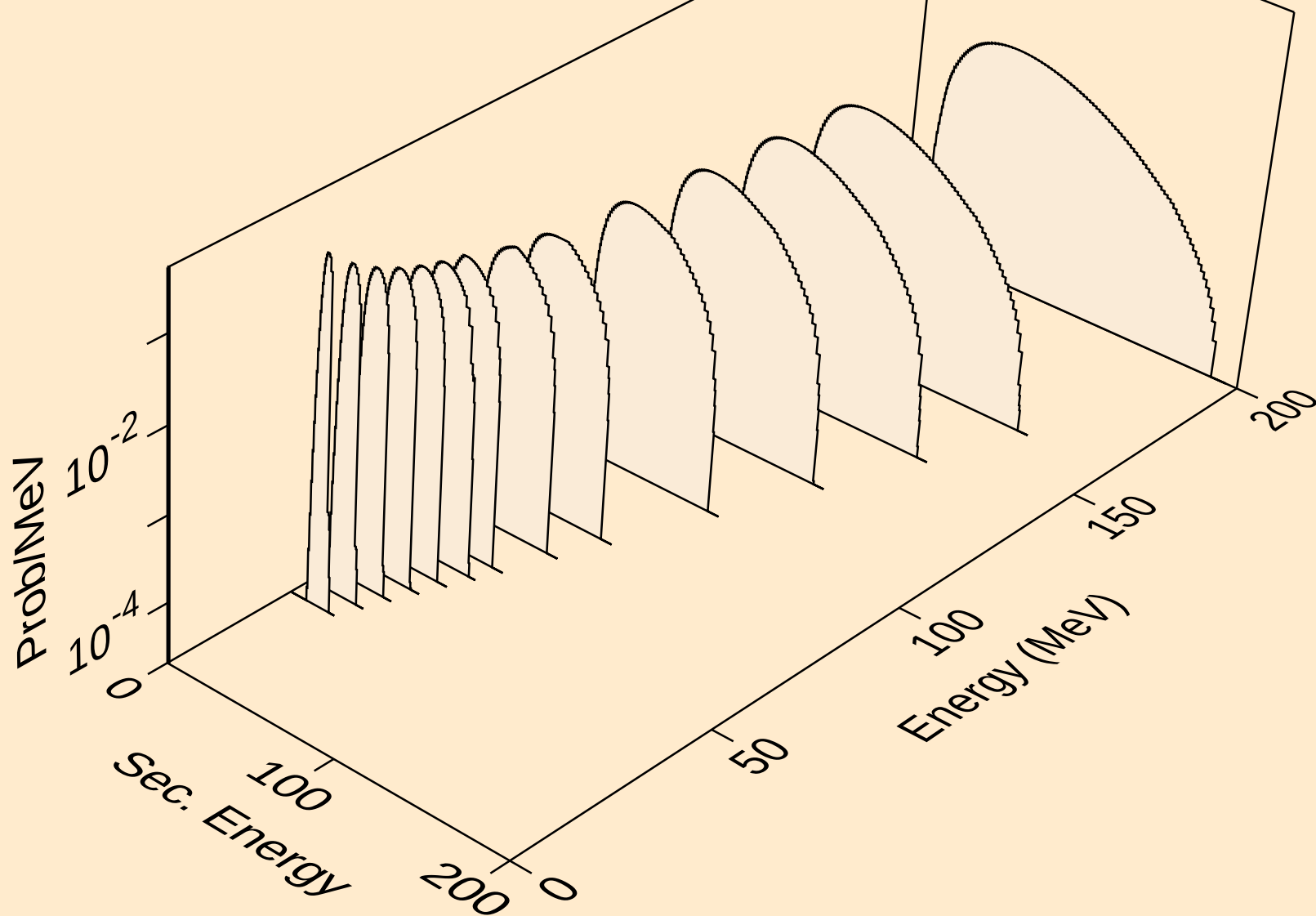




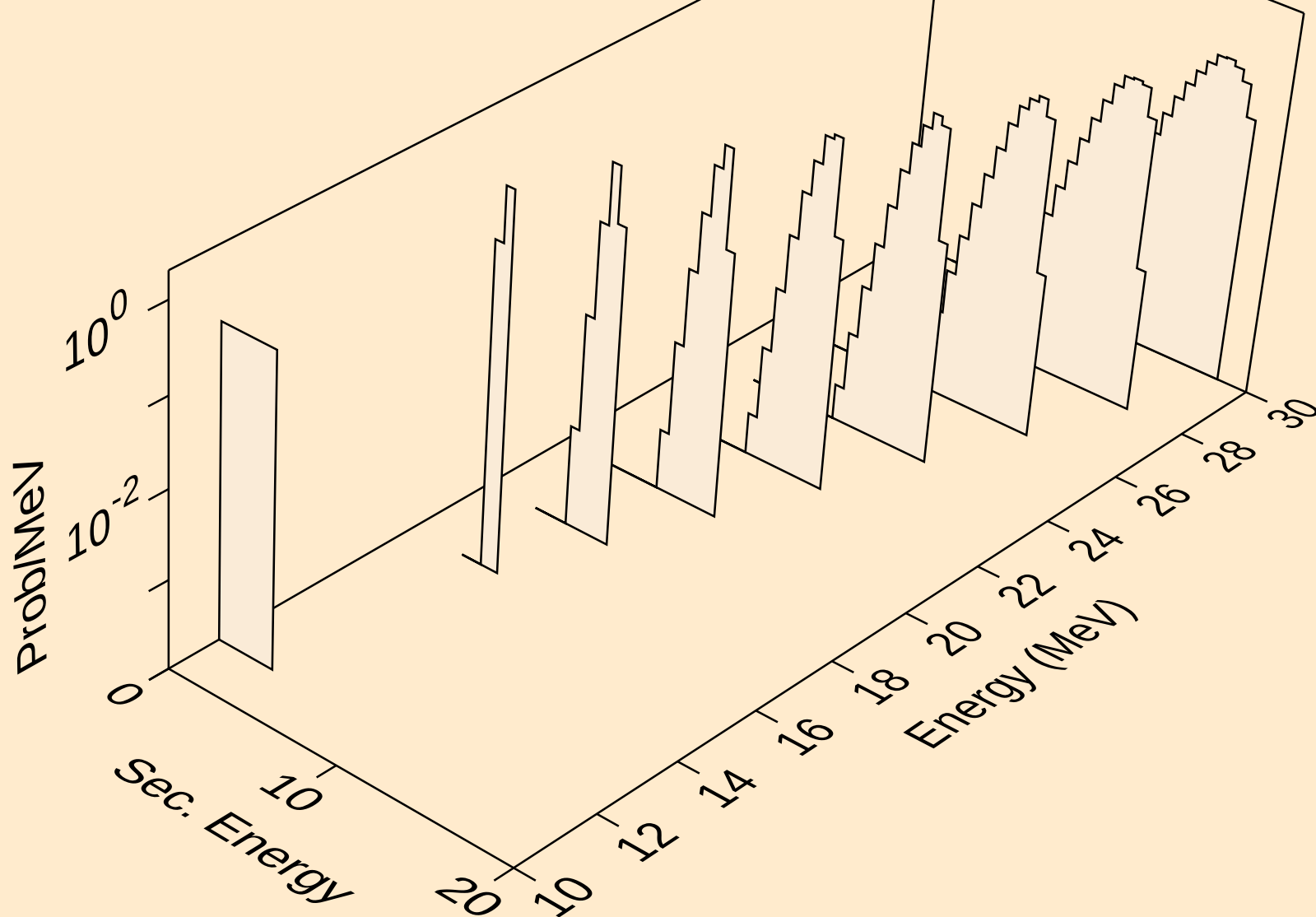
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



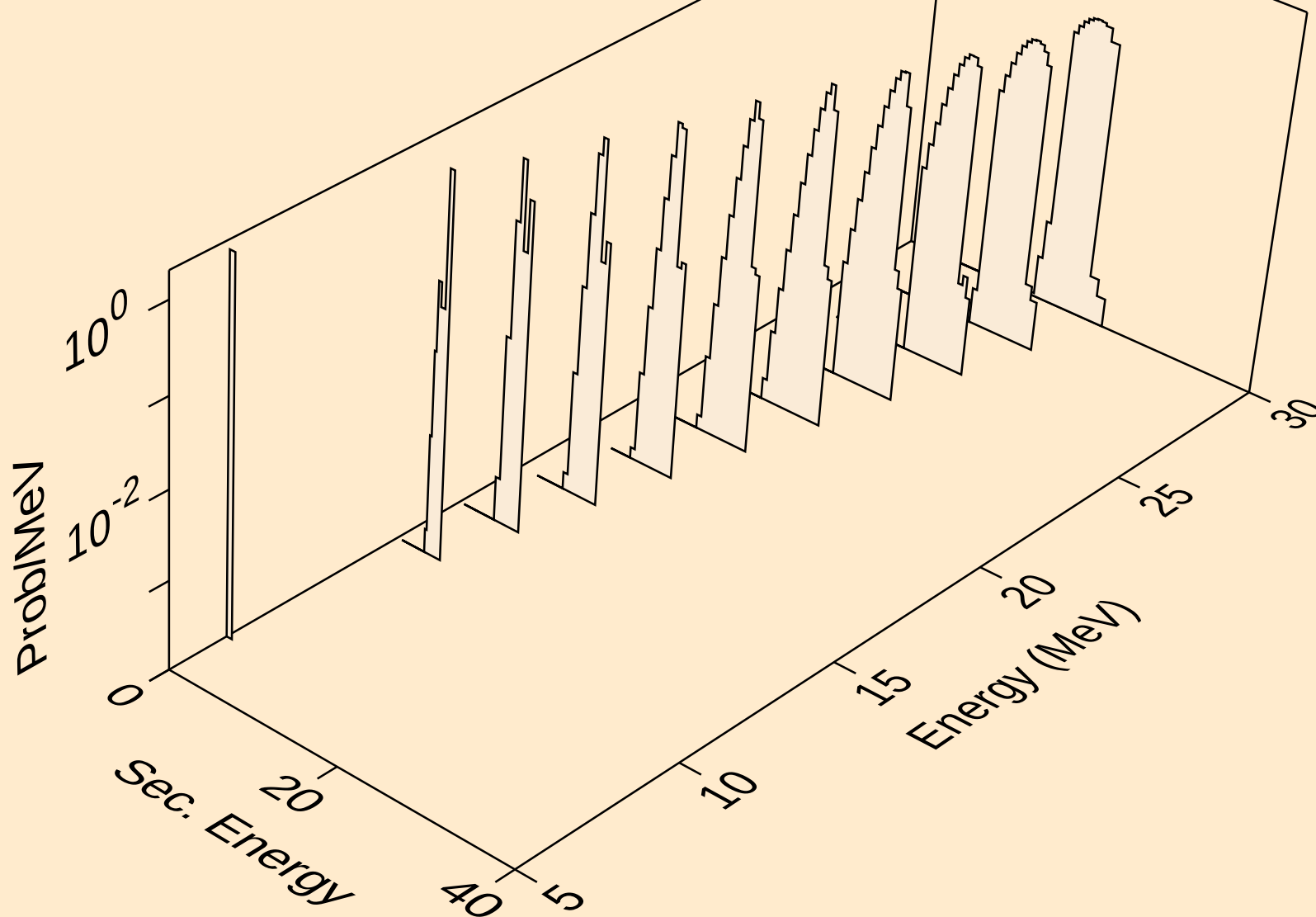
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



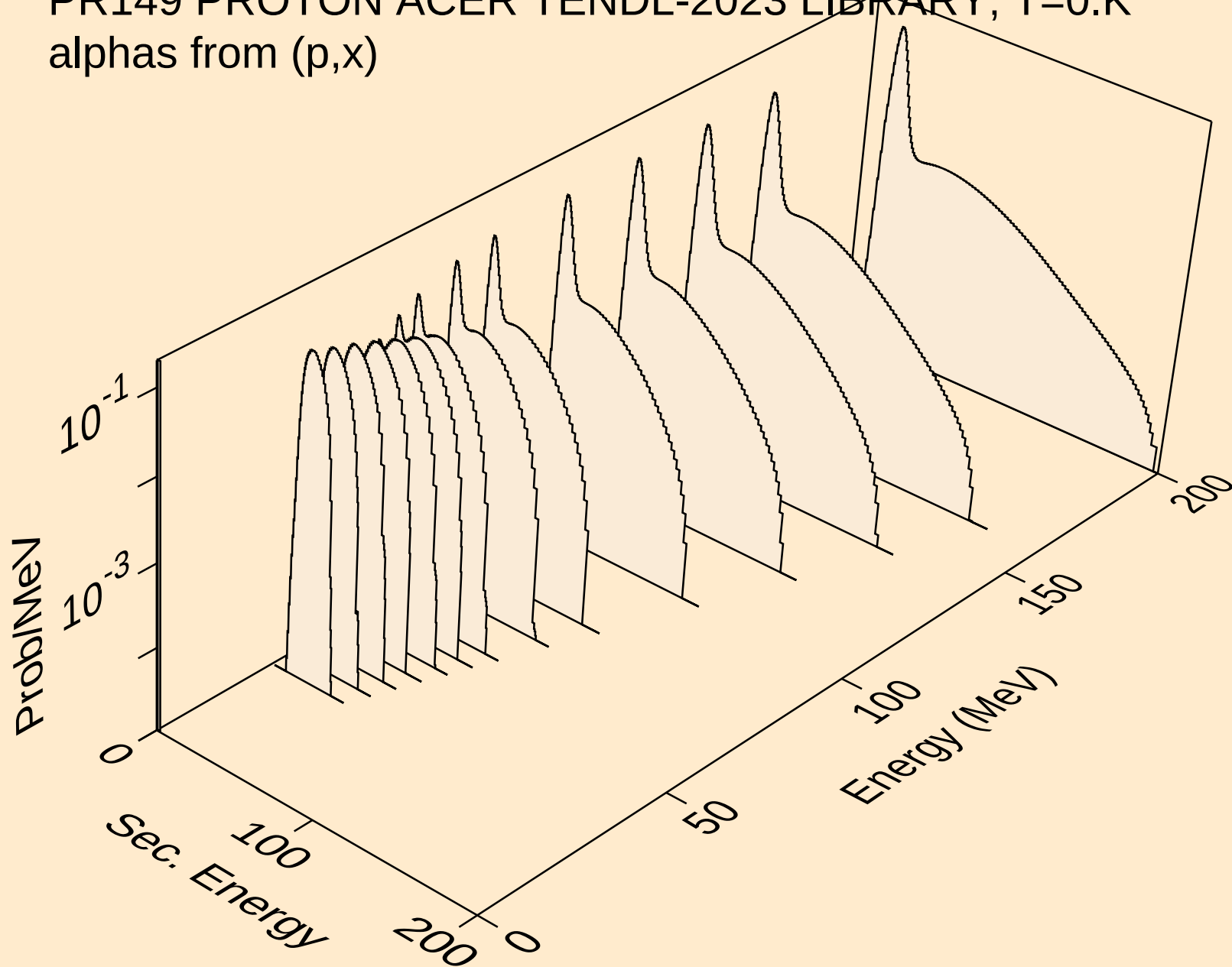
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



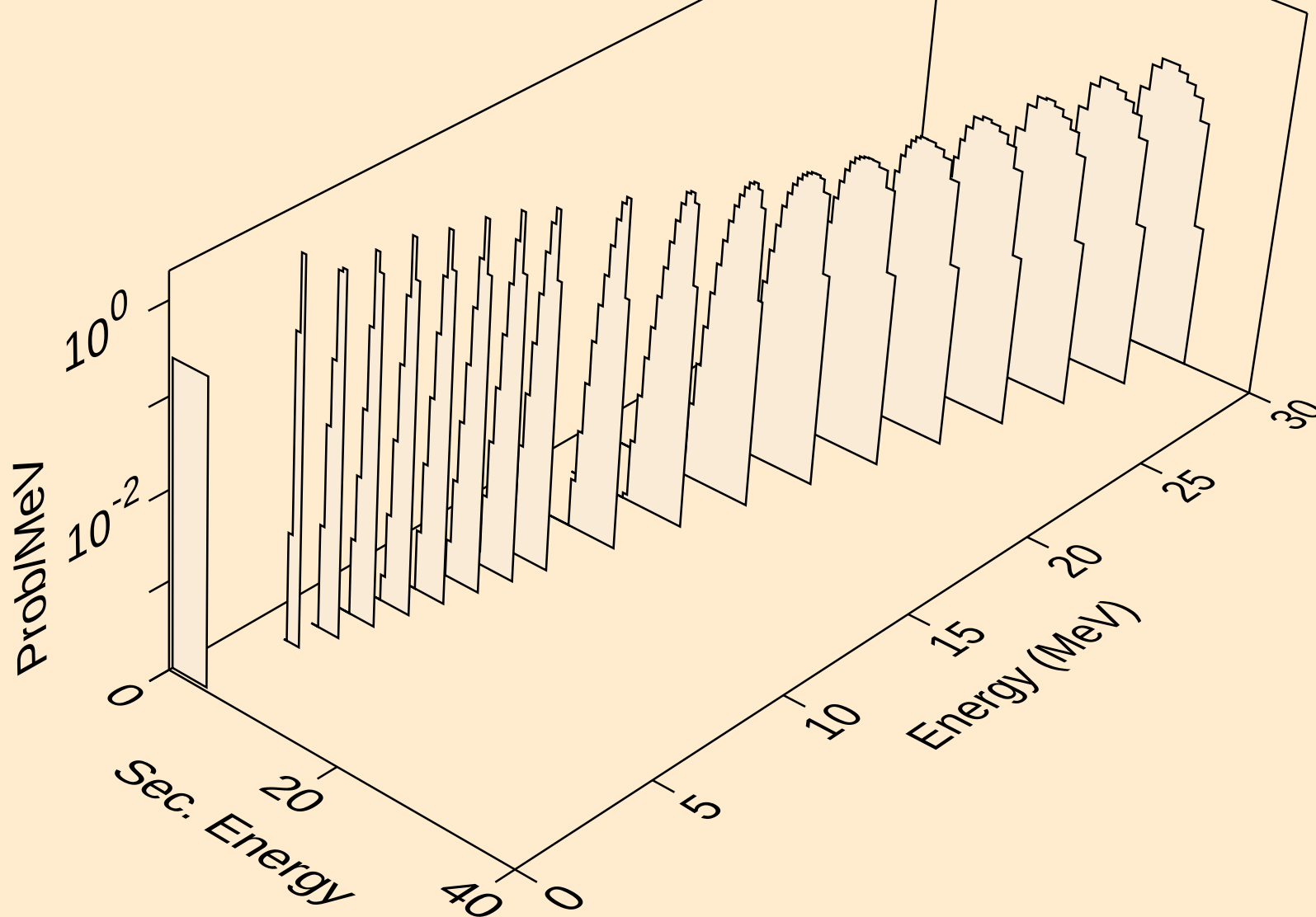
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



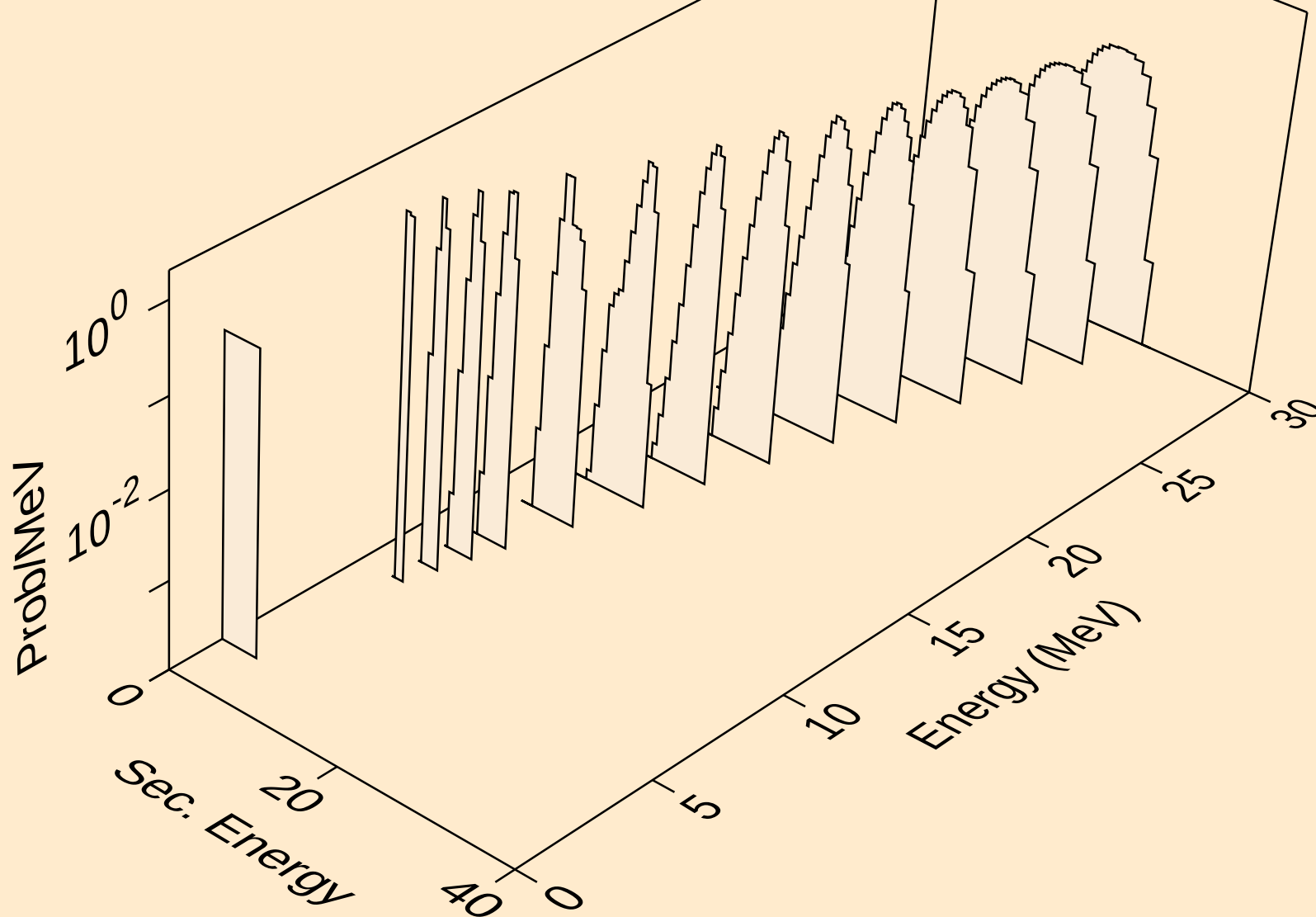
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



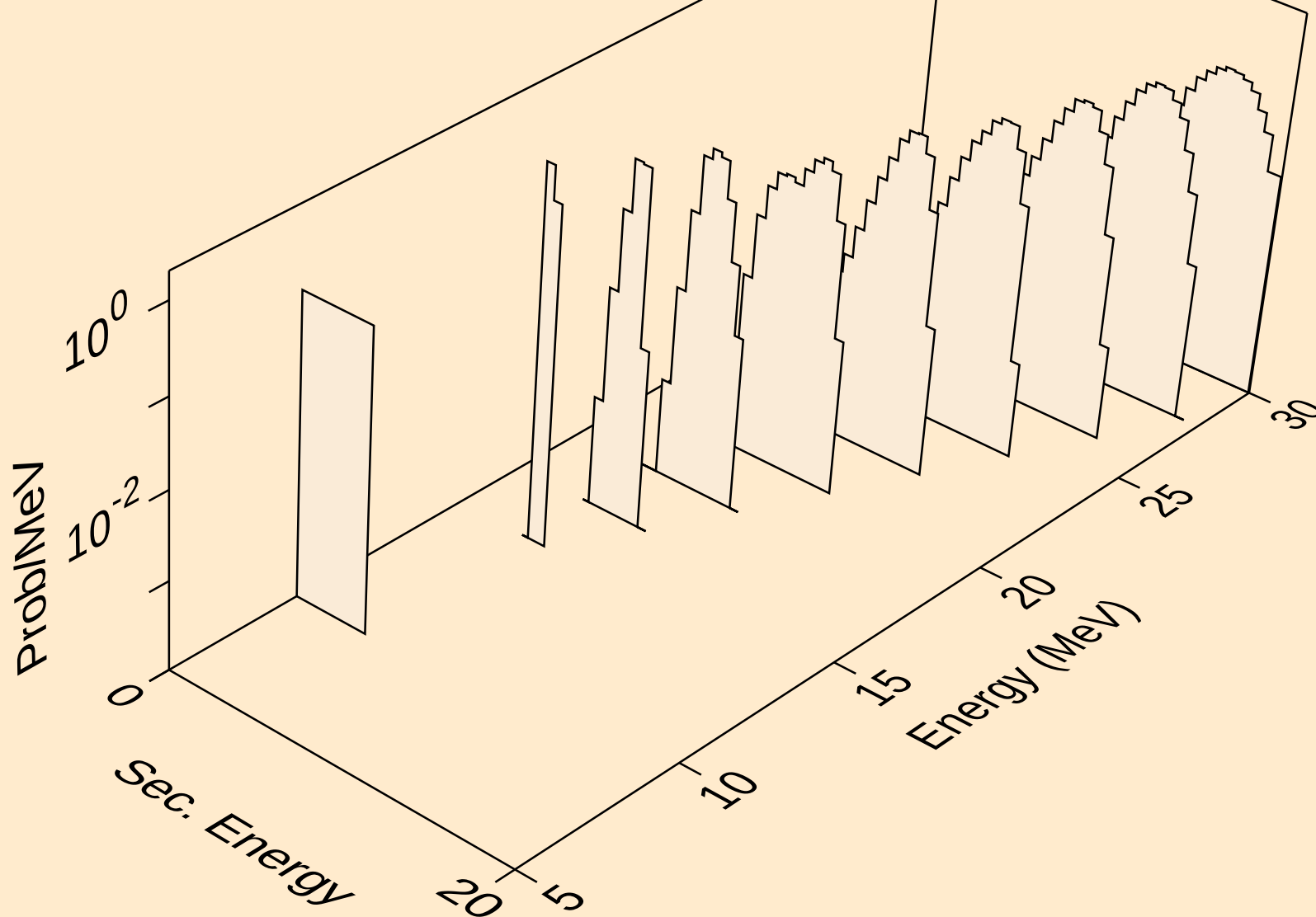
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

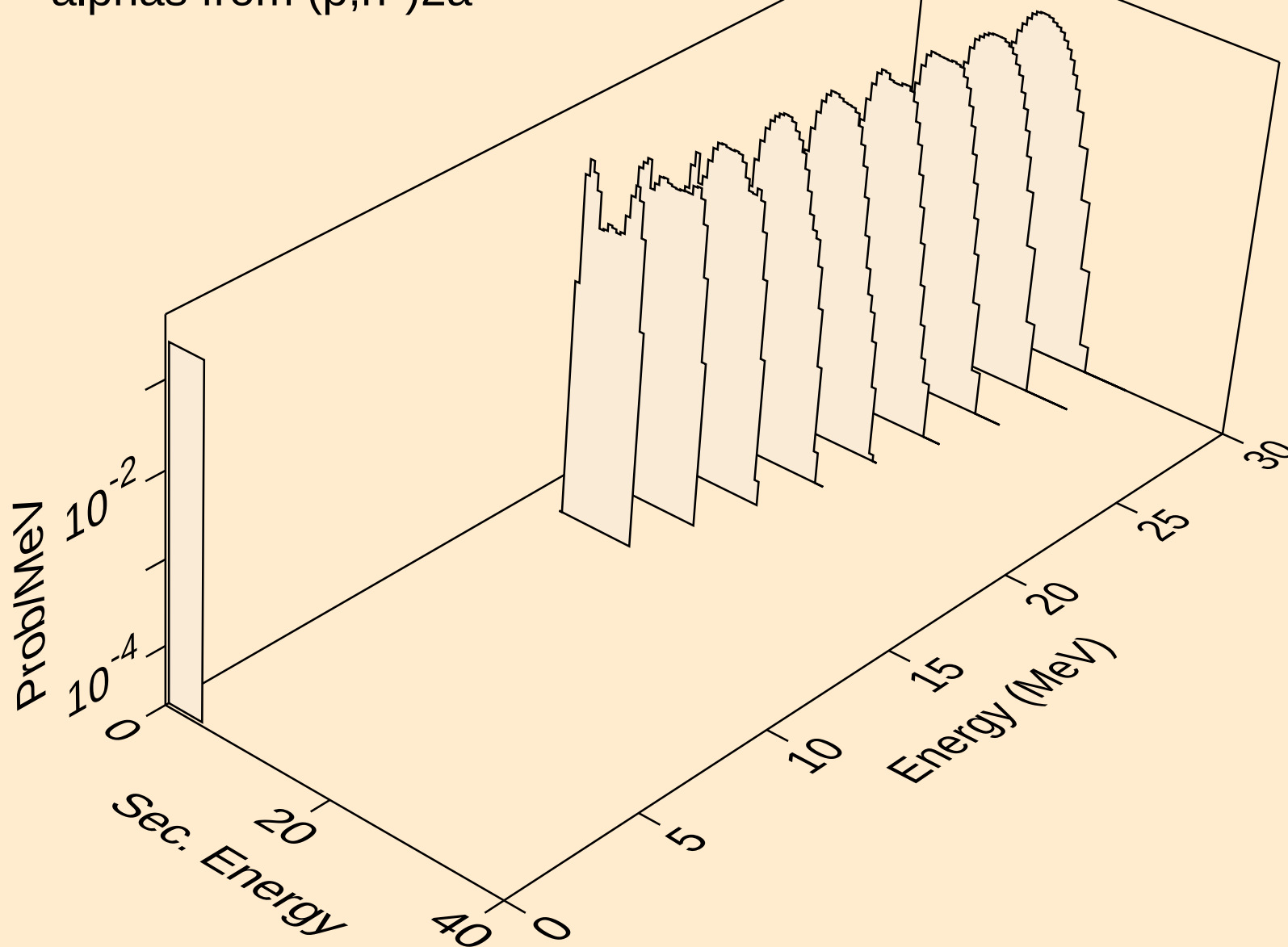


PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

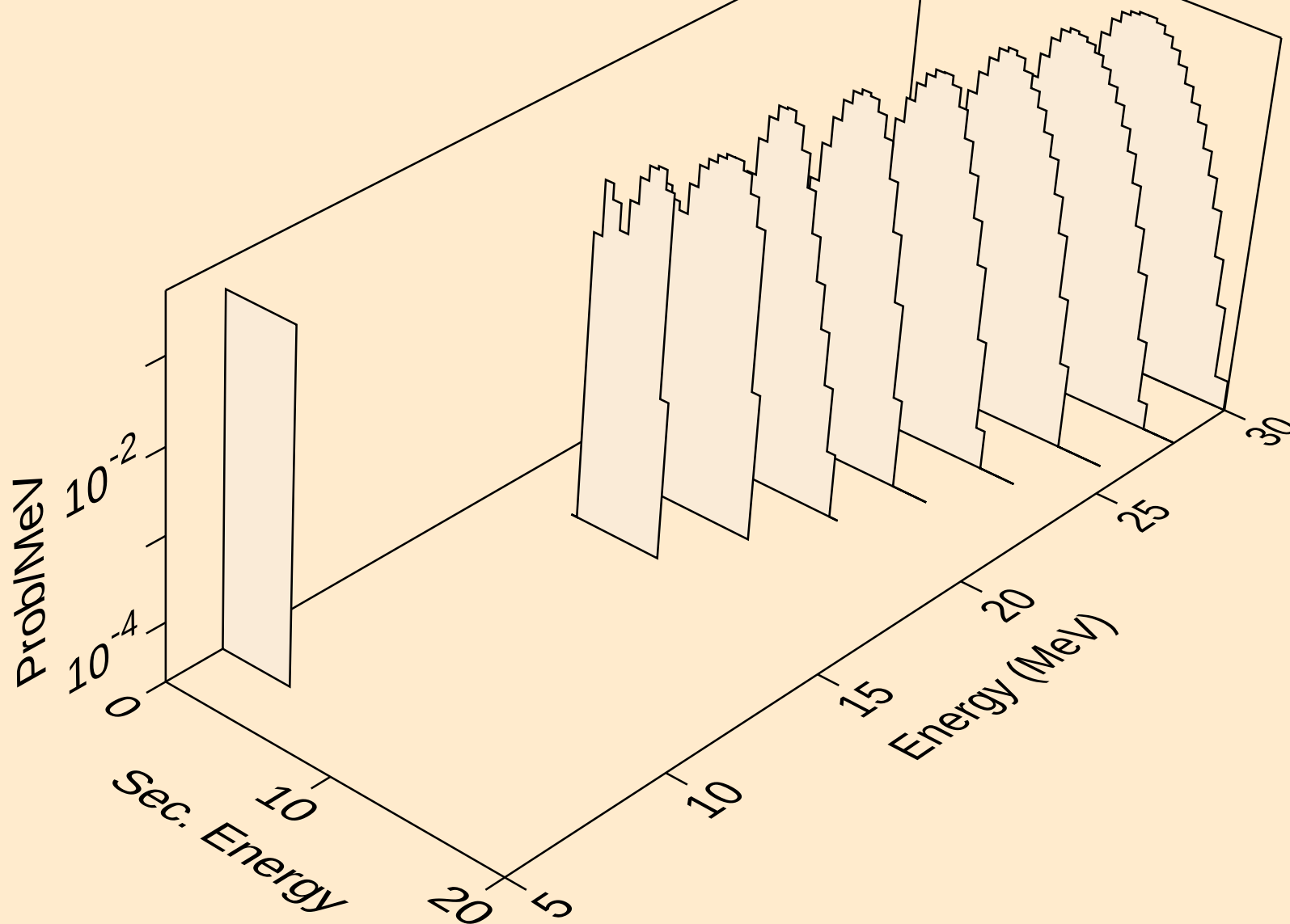




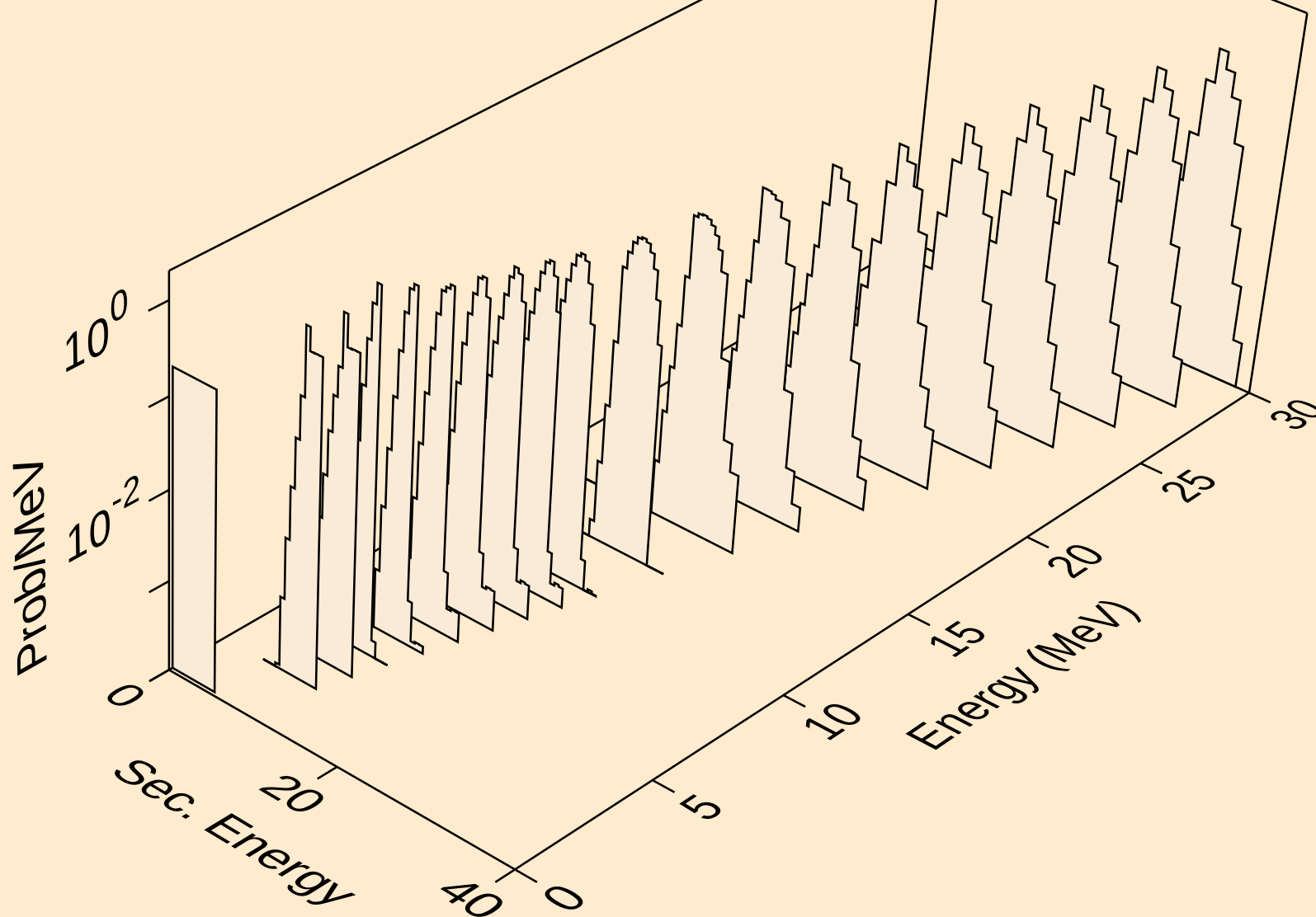
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



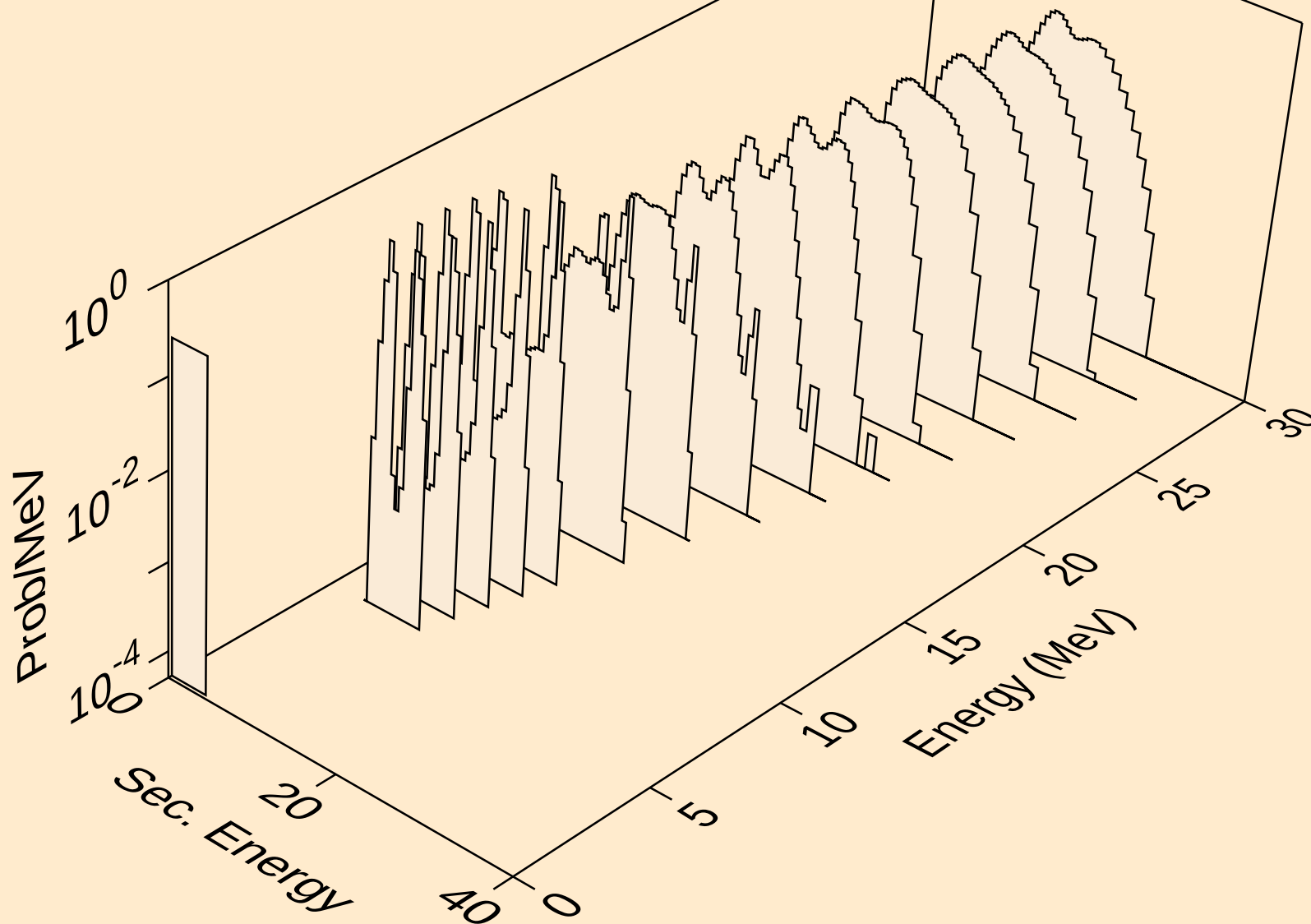
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



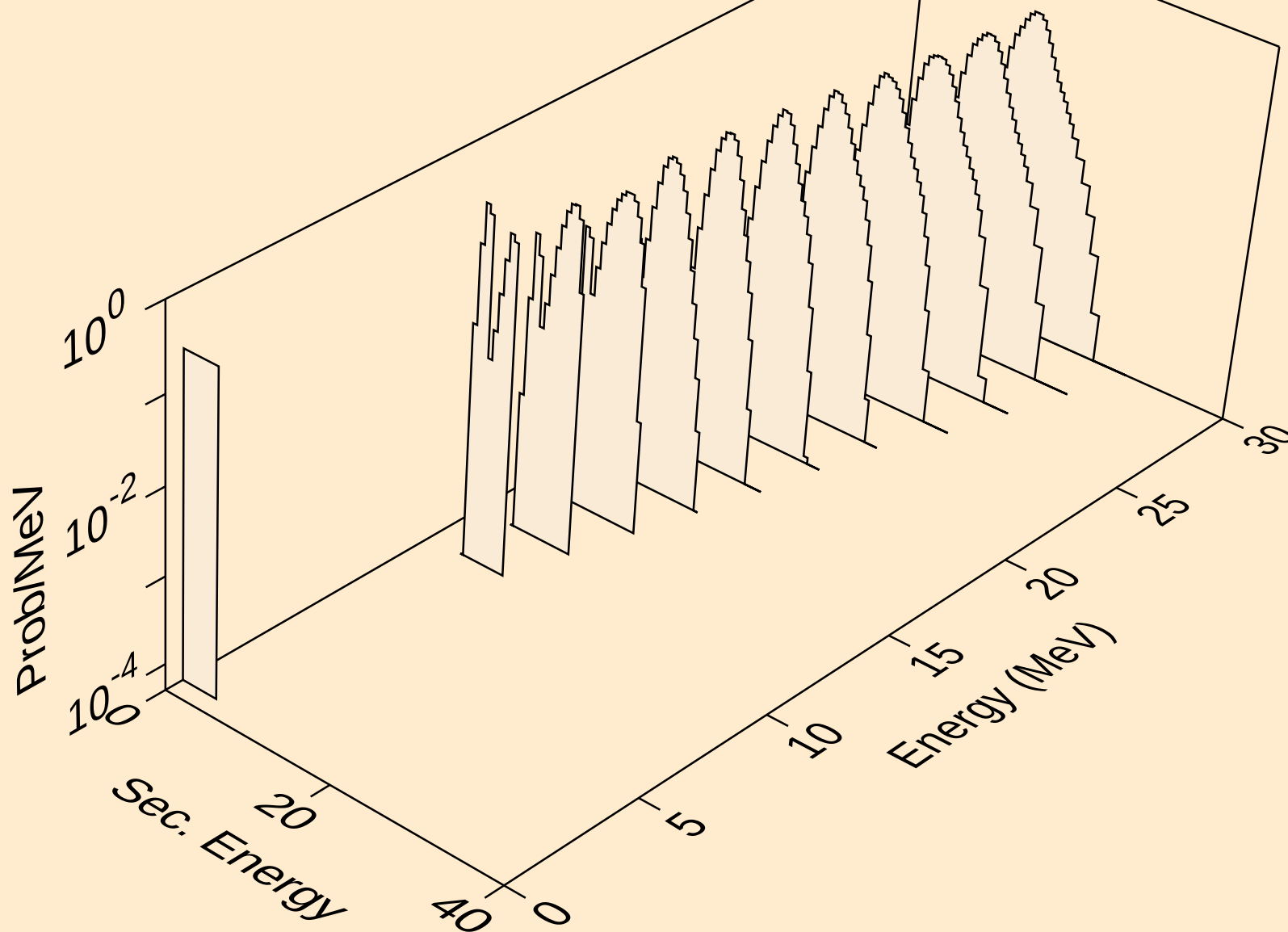
PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



PR149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

