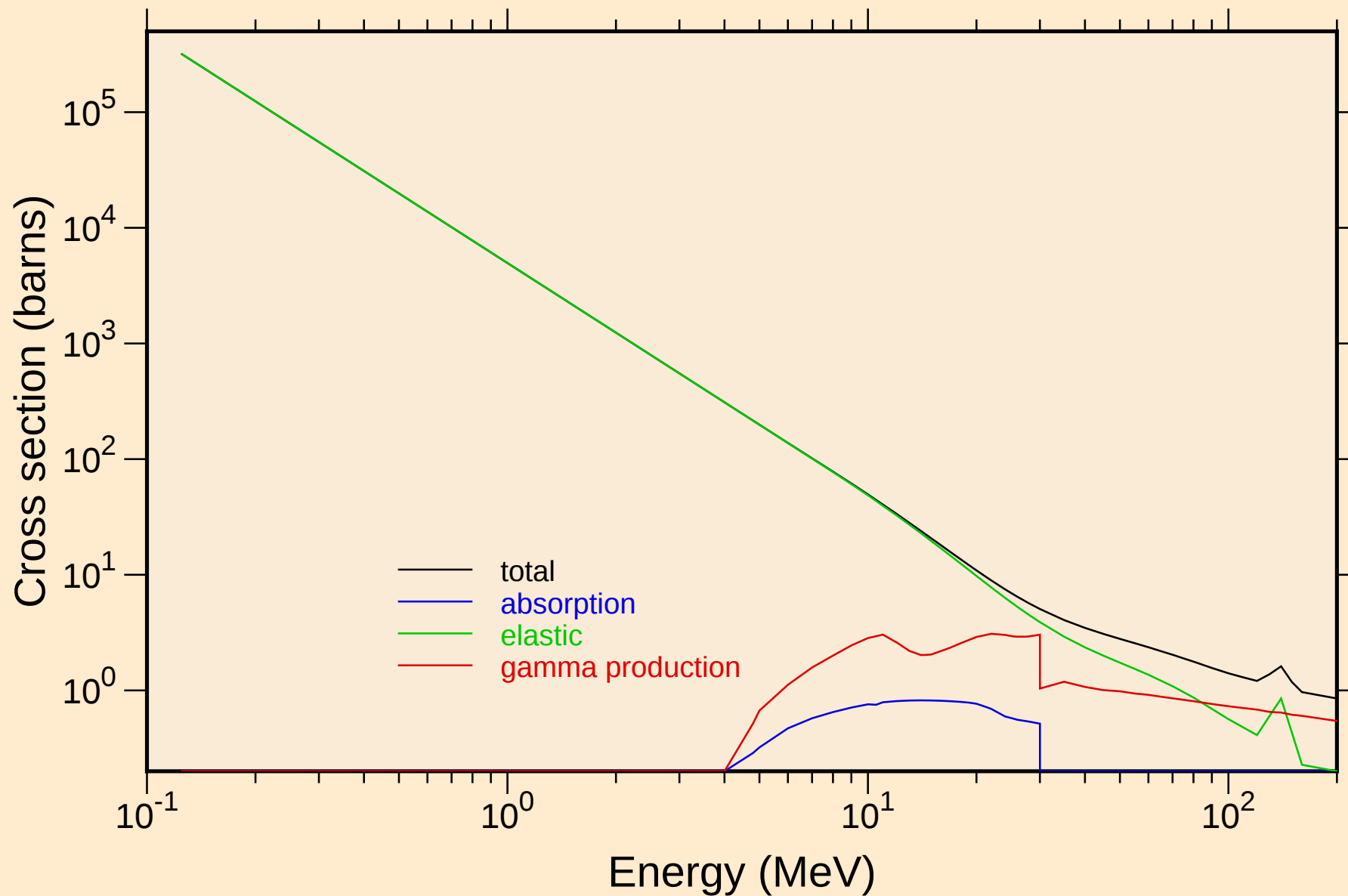


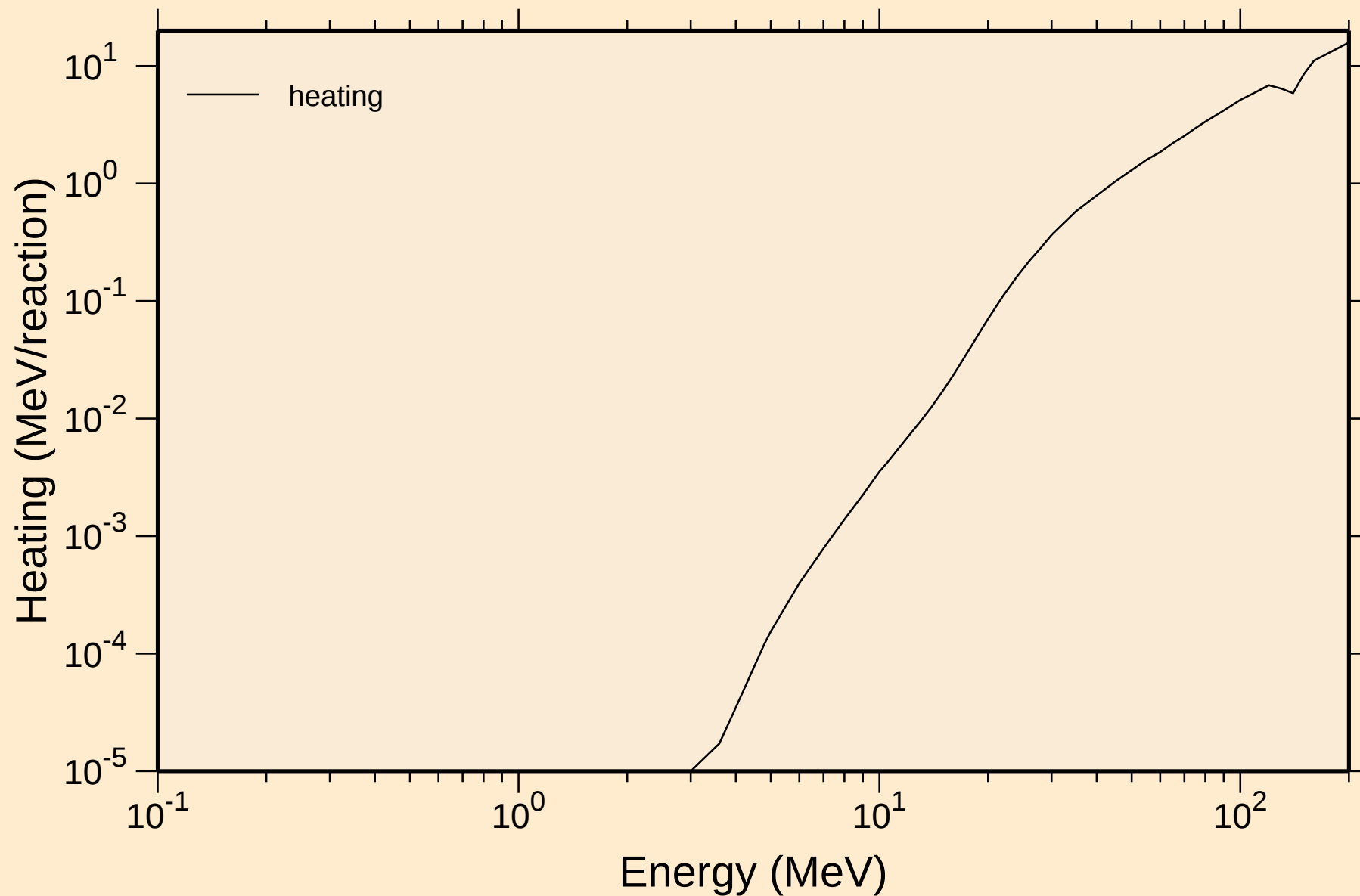
# NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



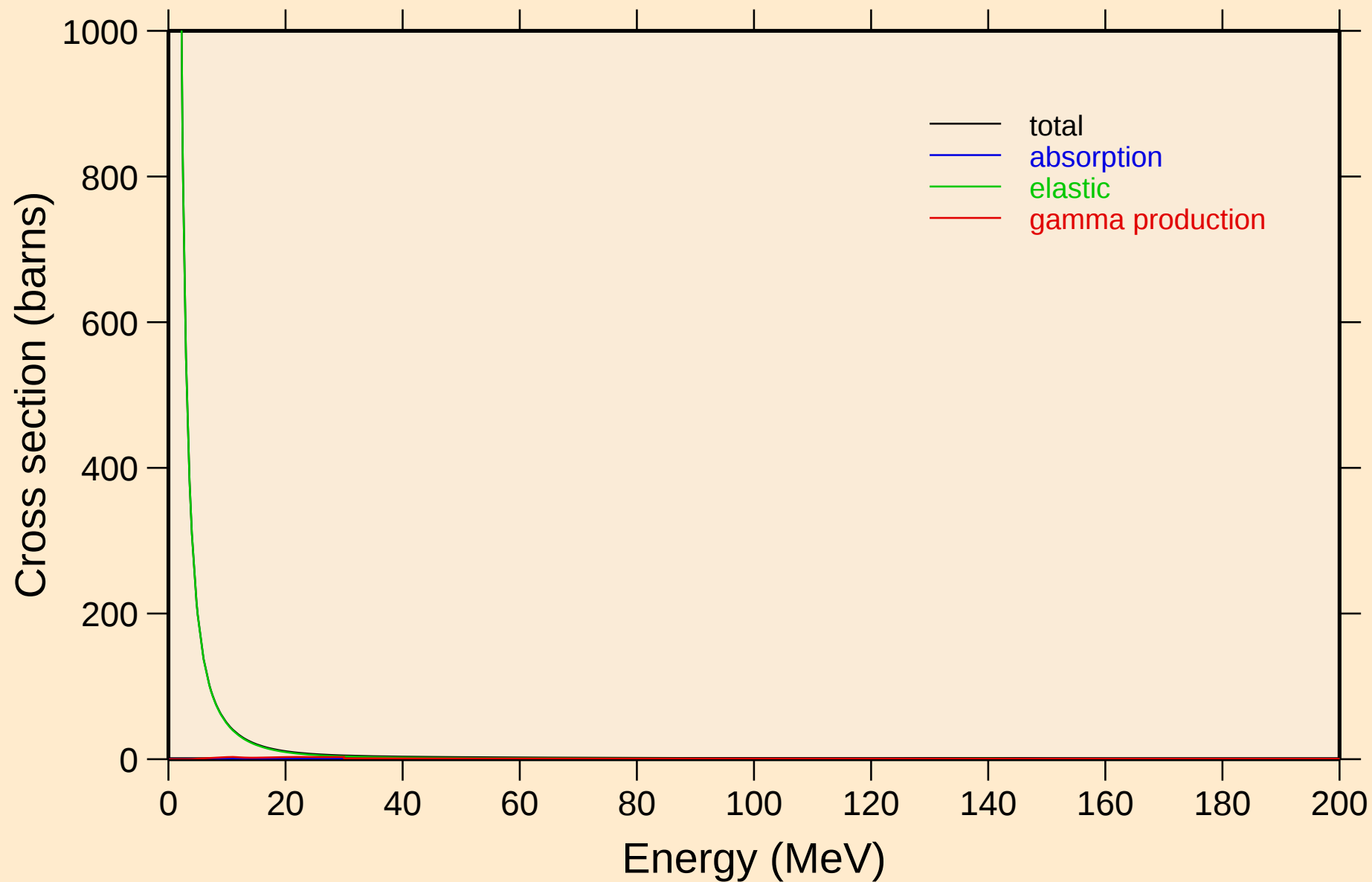
# NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



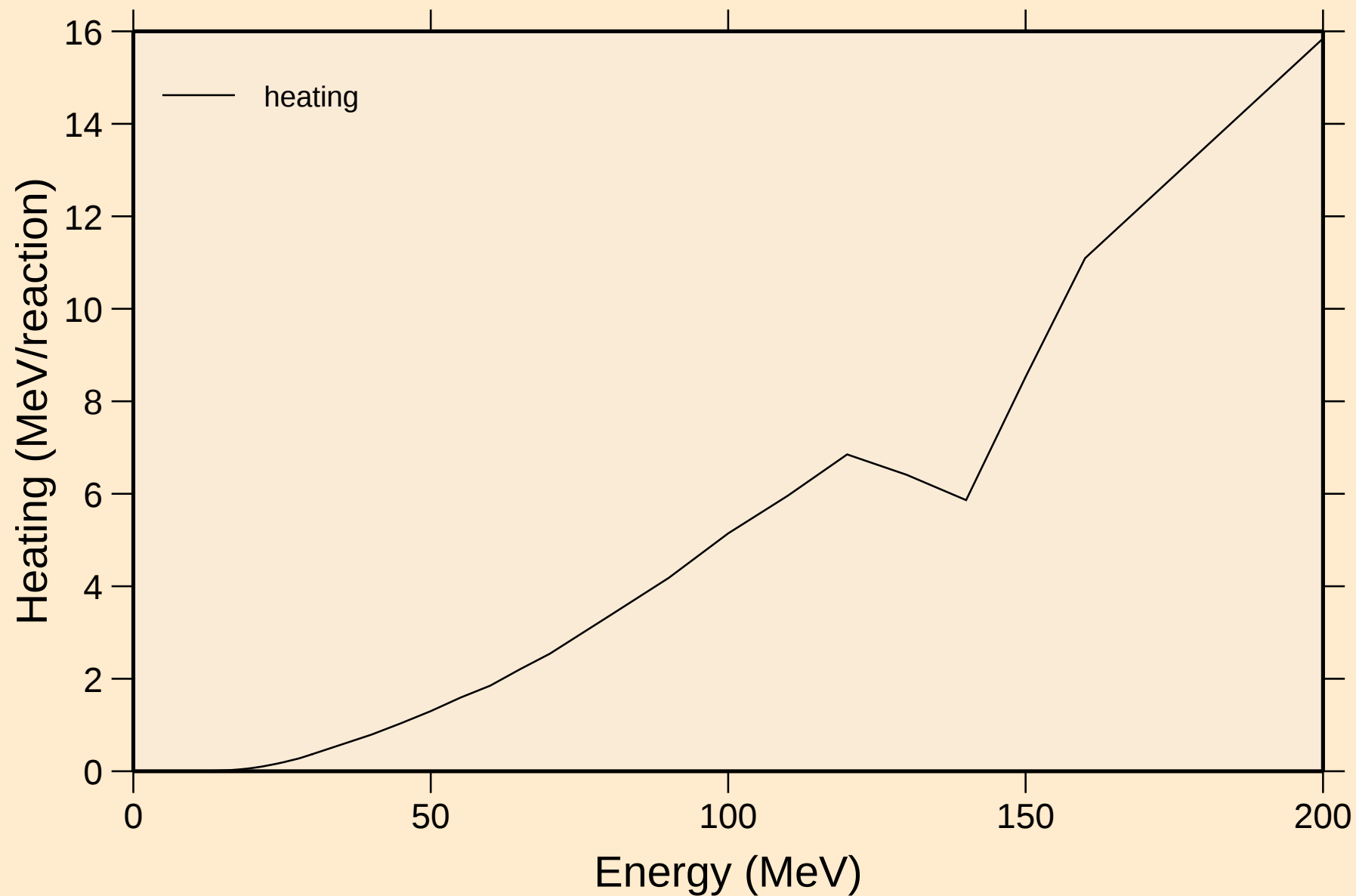
# NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



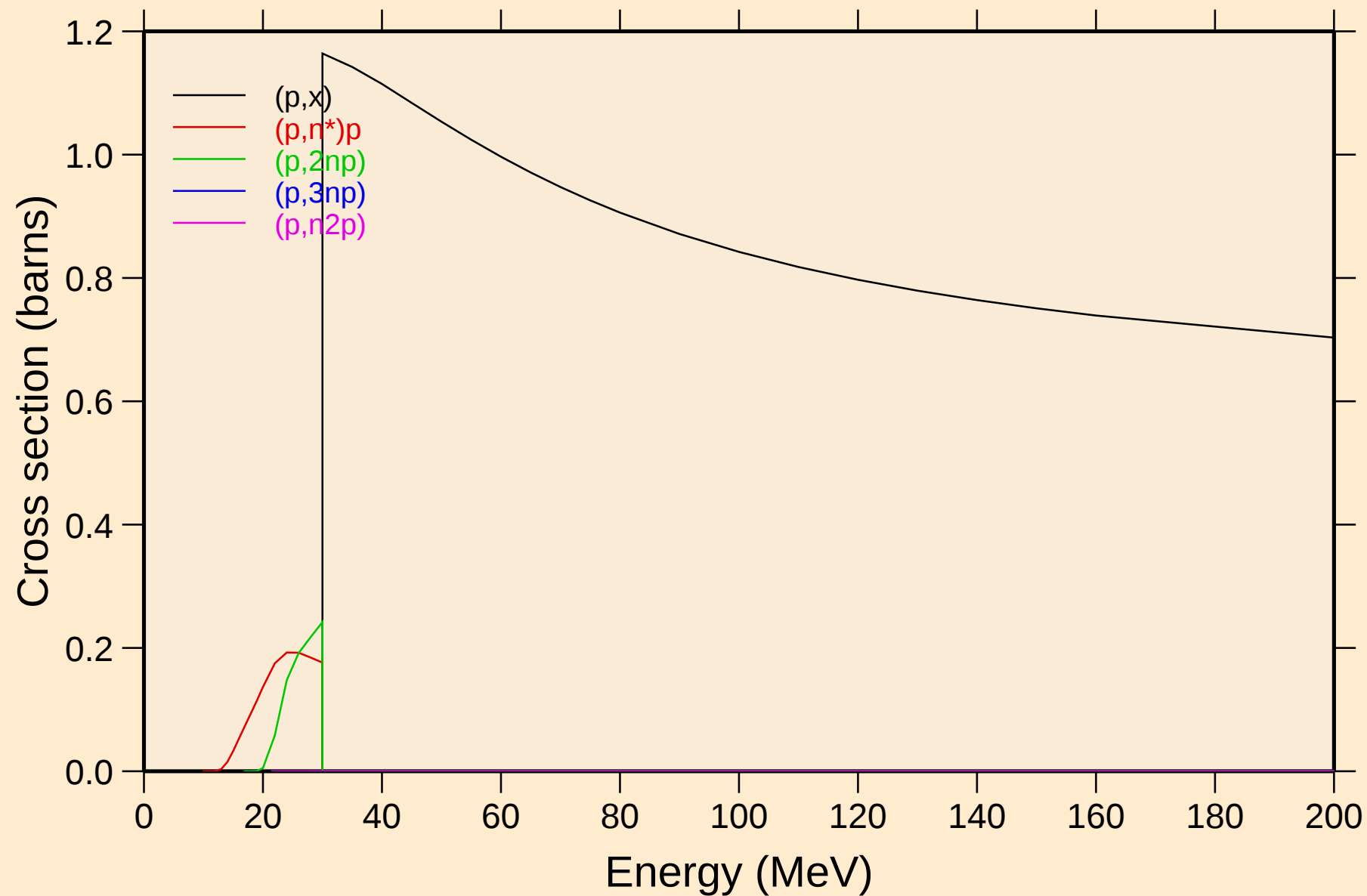
# NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Heating



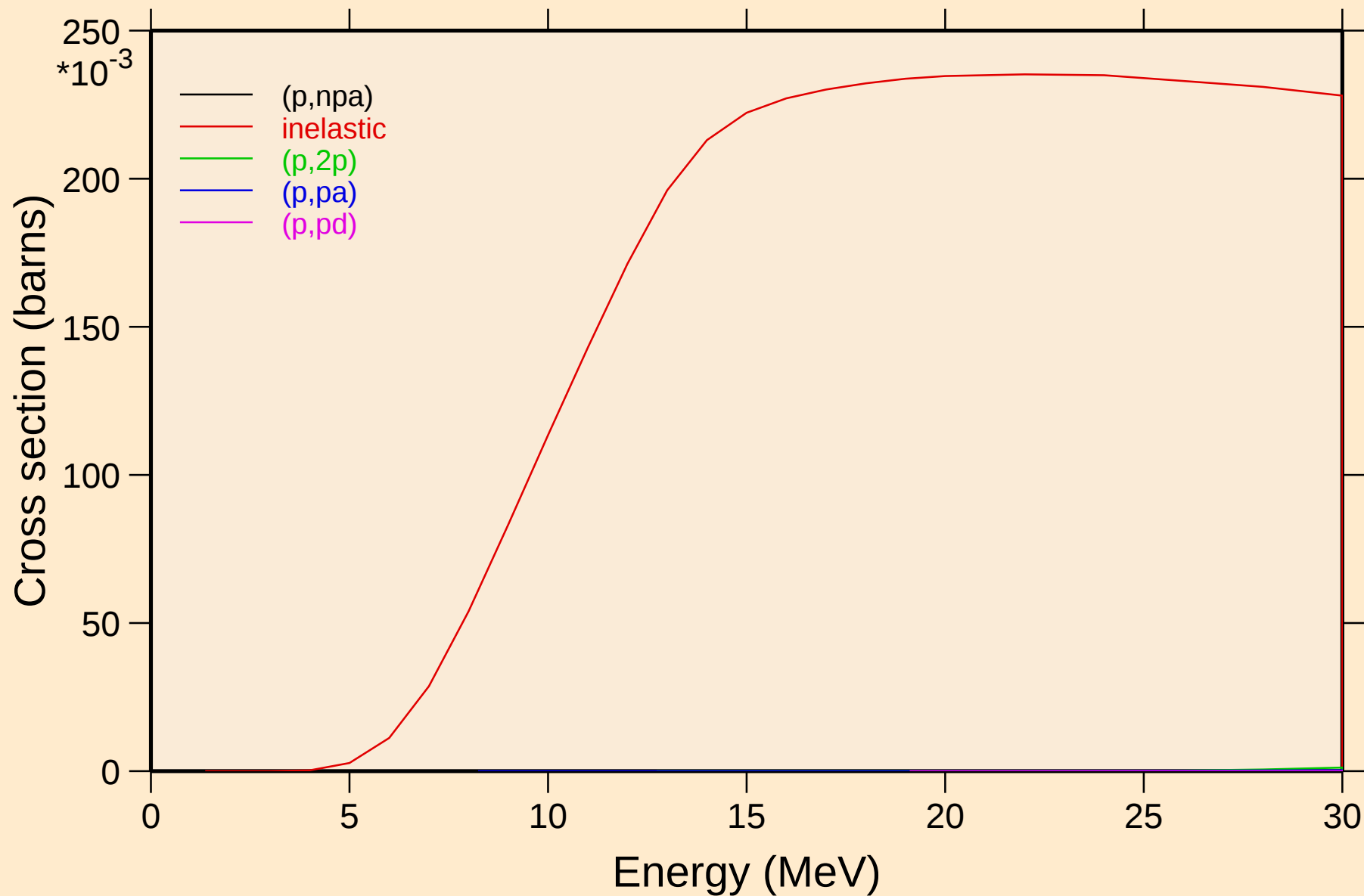
# NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



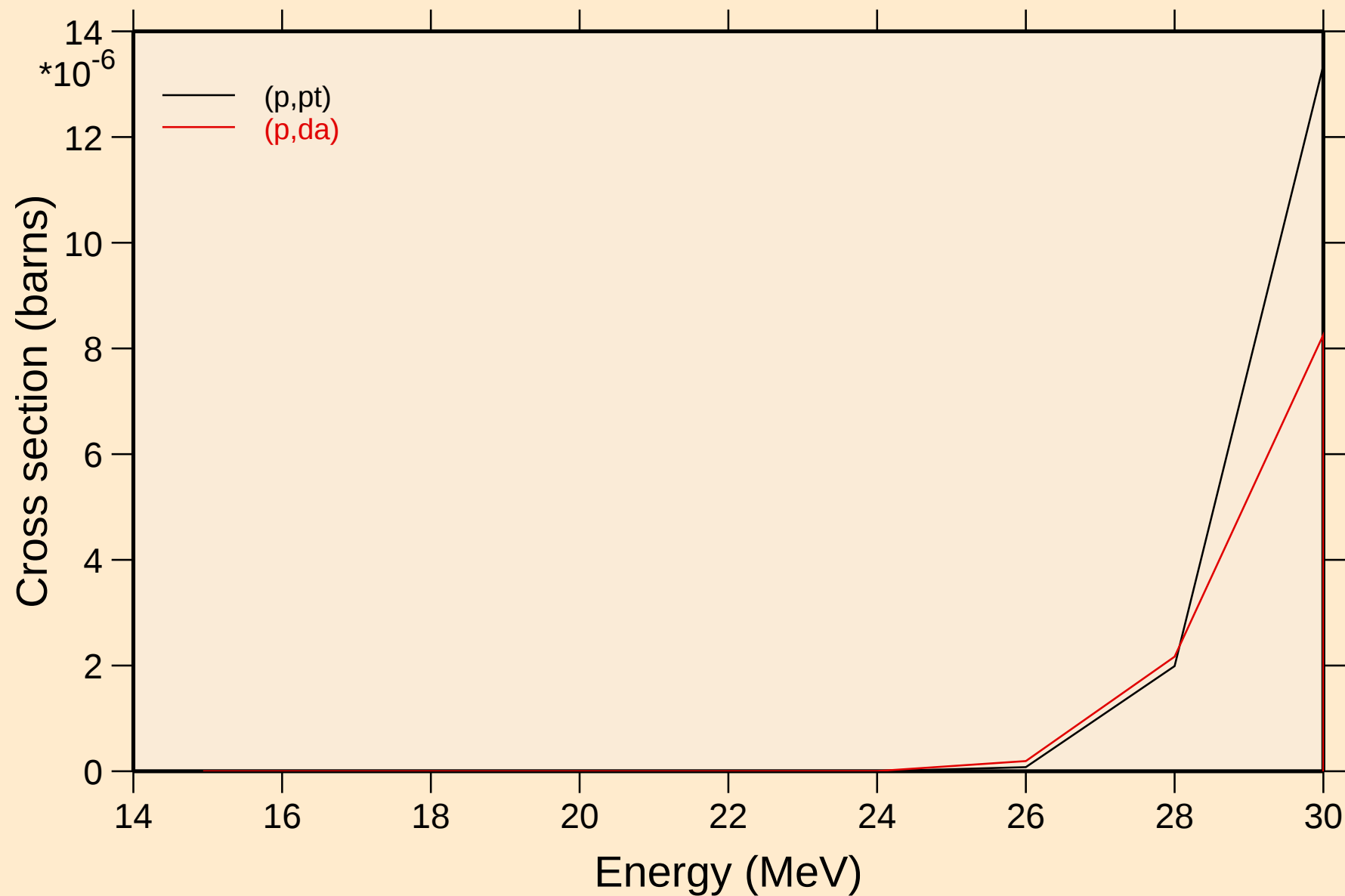
# NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

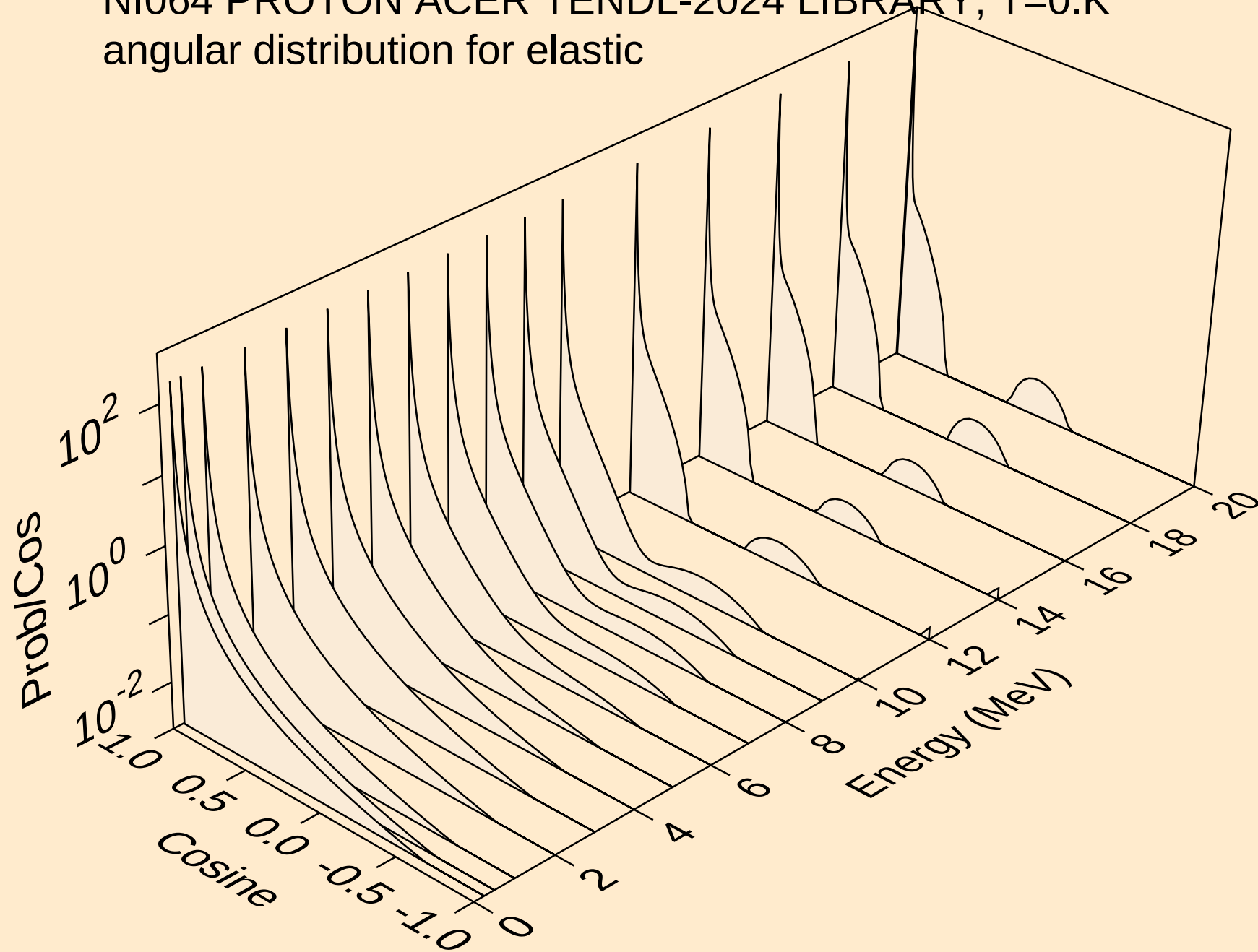


# NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K

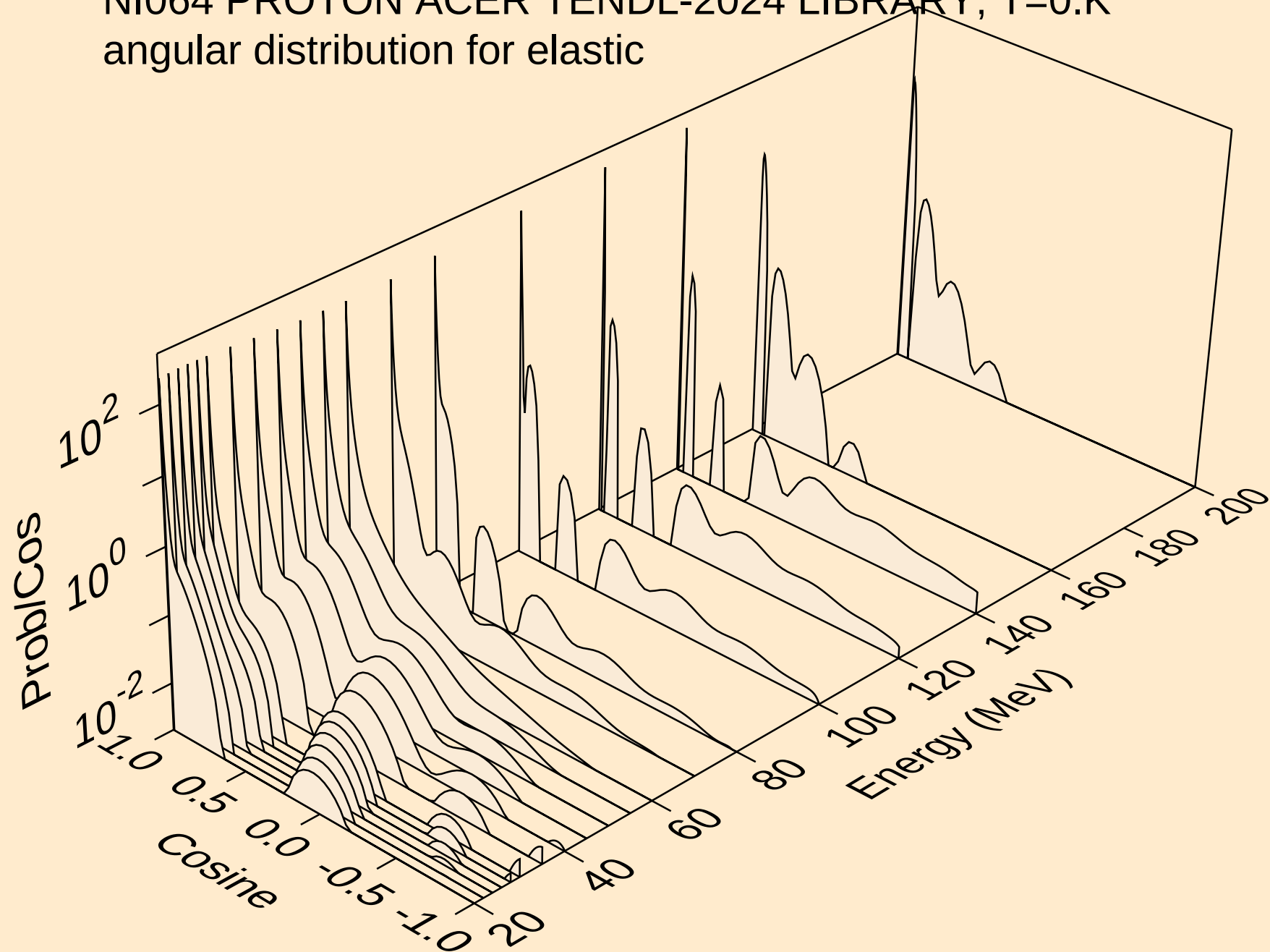
Threshold reactions



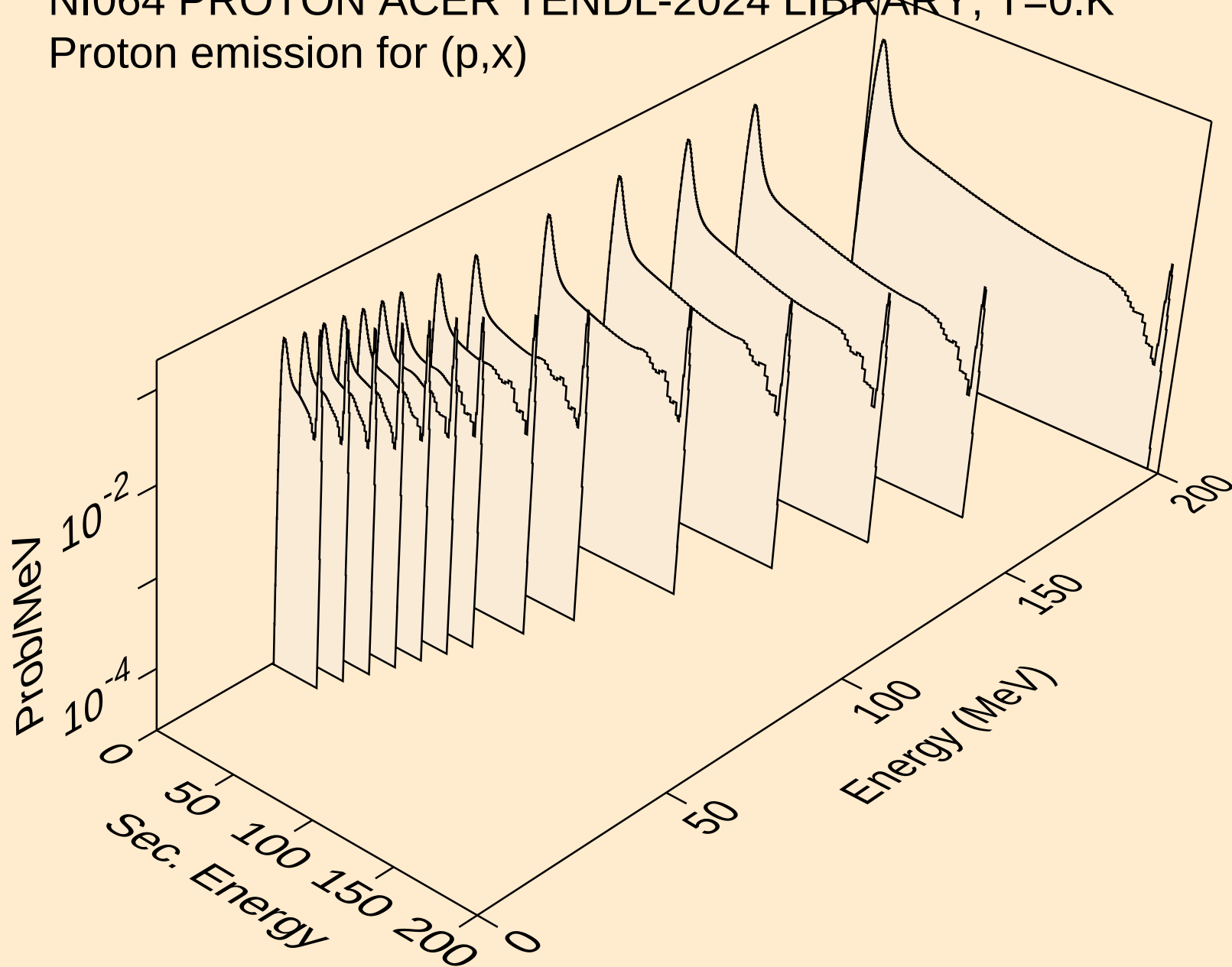
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

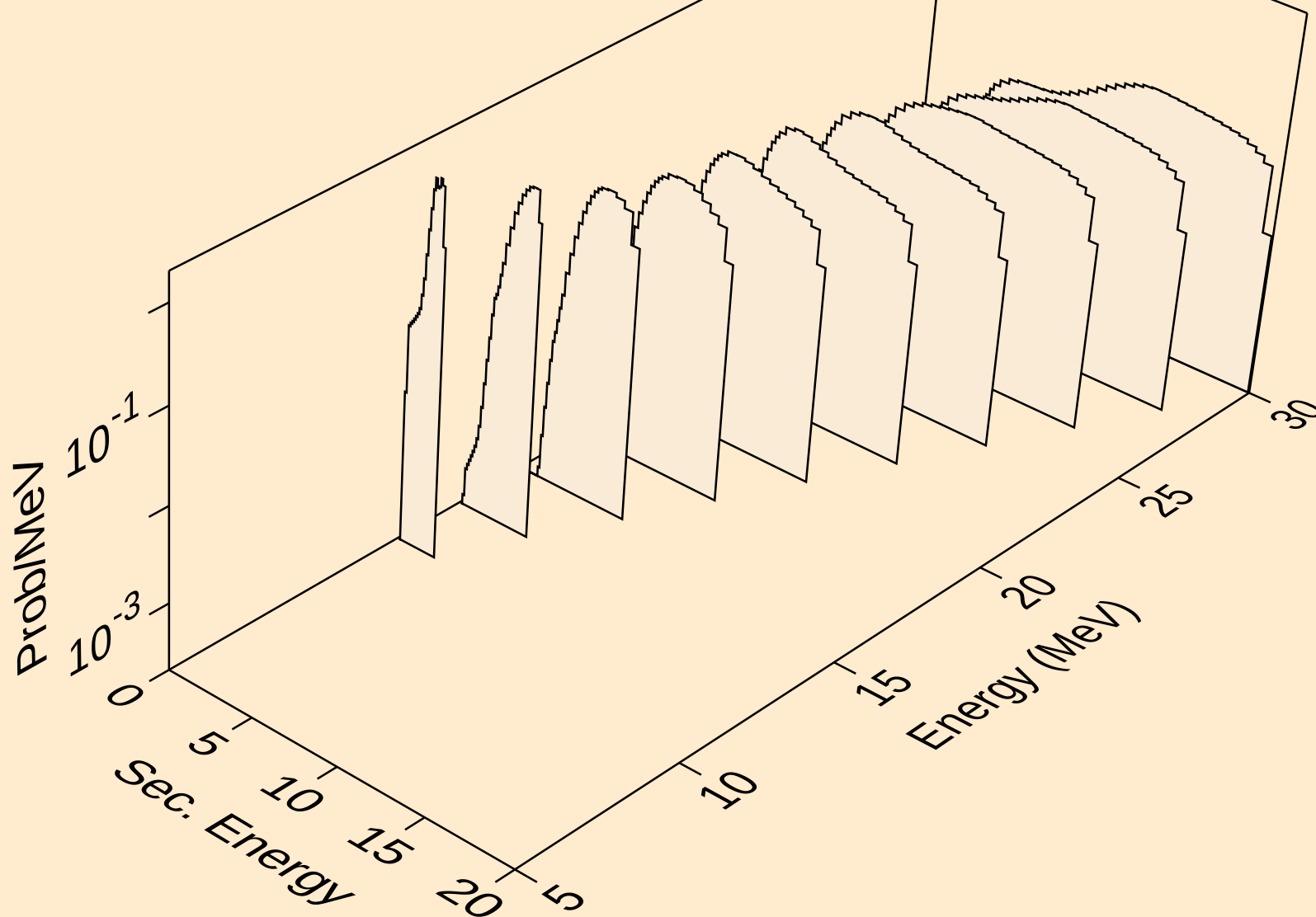


NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)

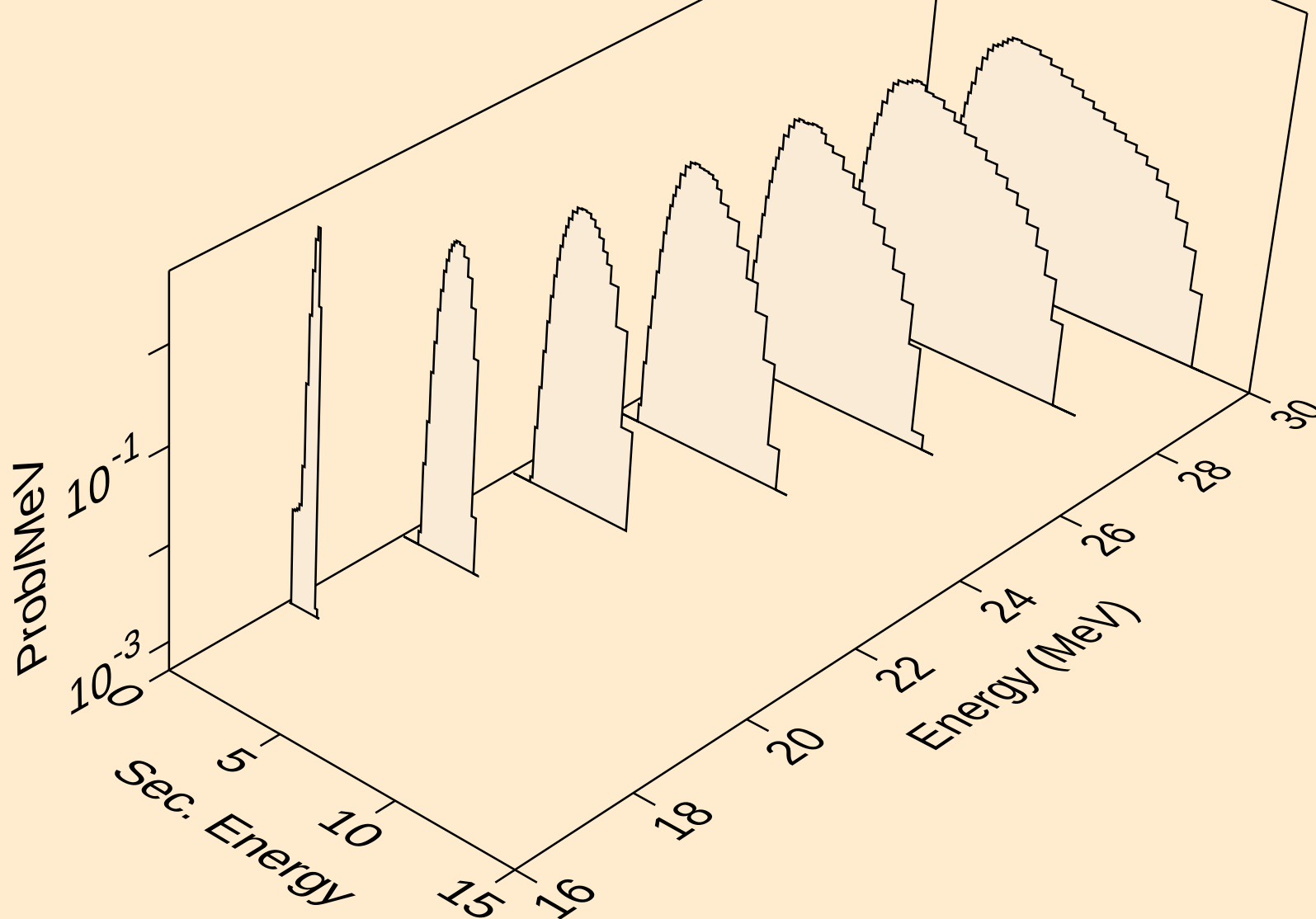


NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K

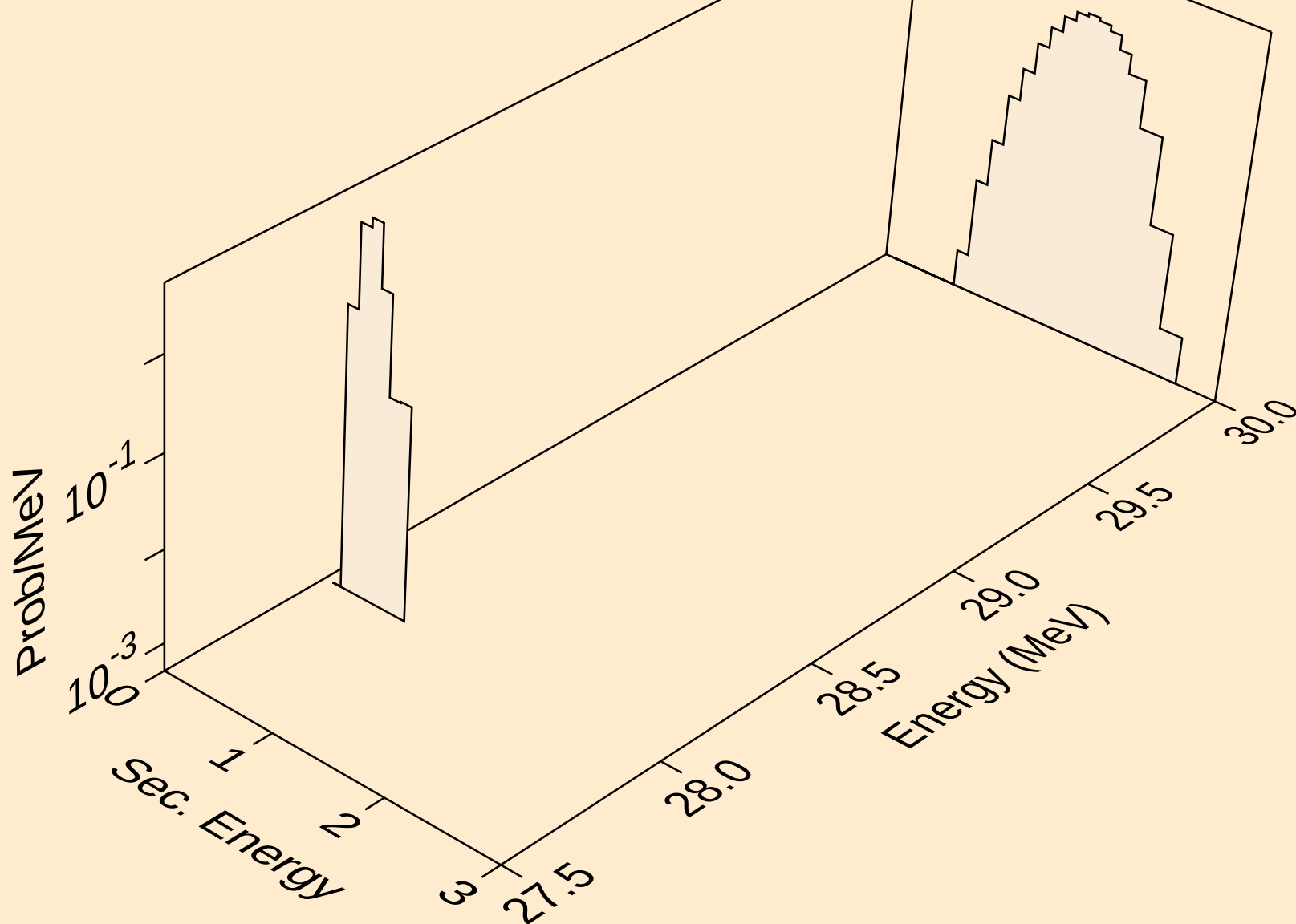
Proton emission for (p,n\*)p



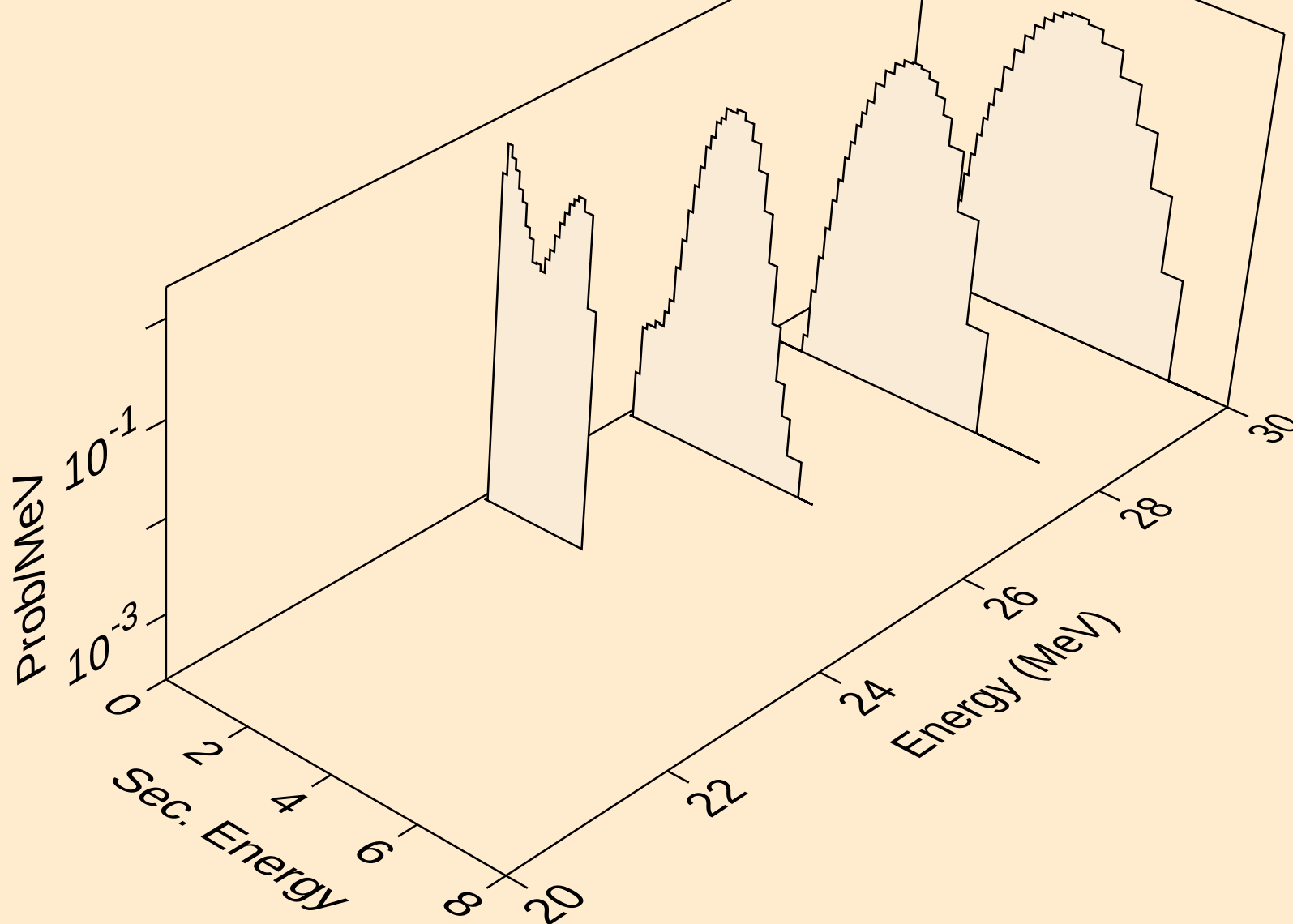
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



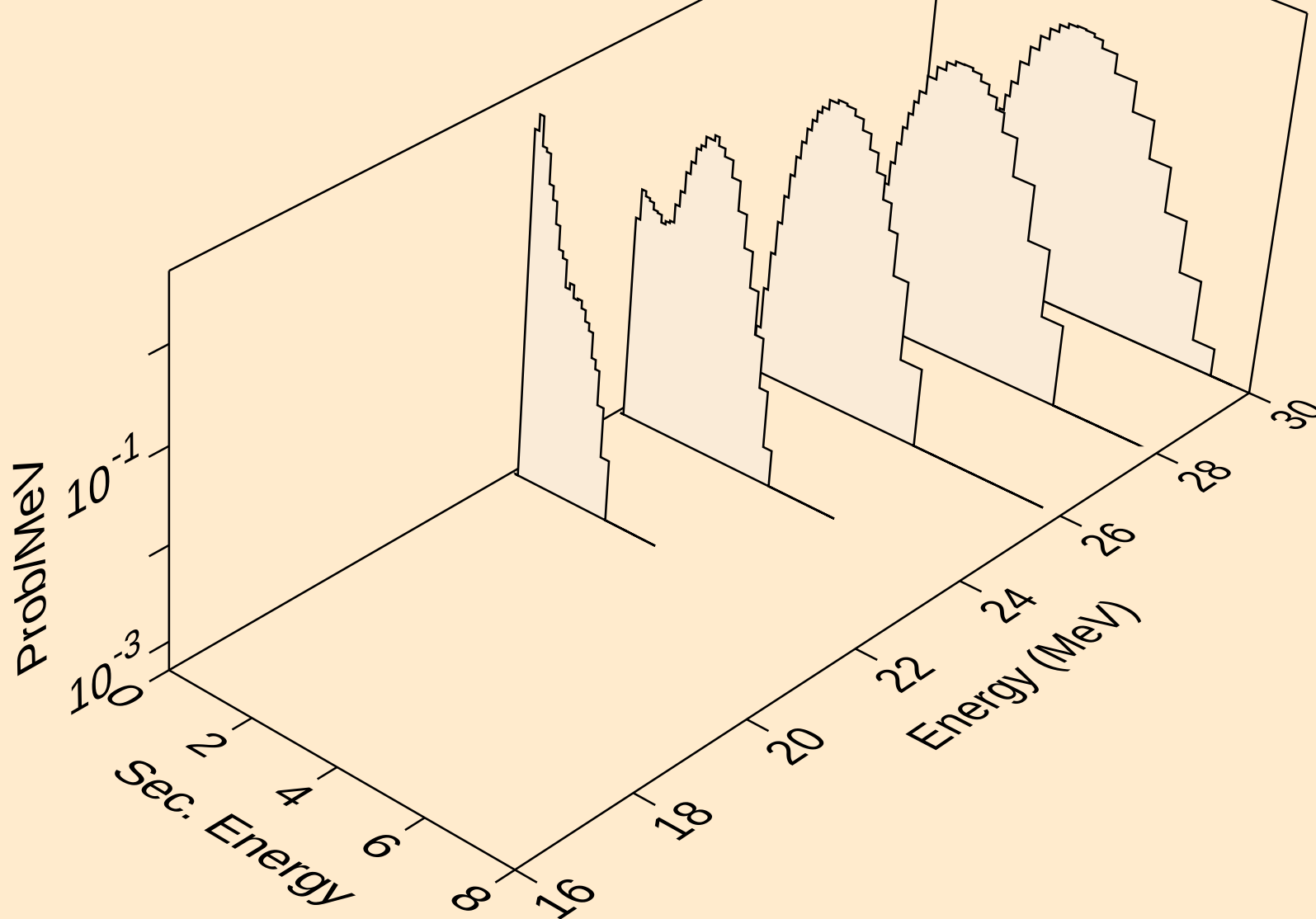
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



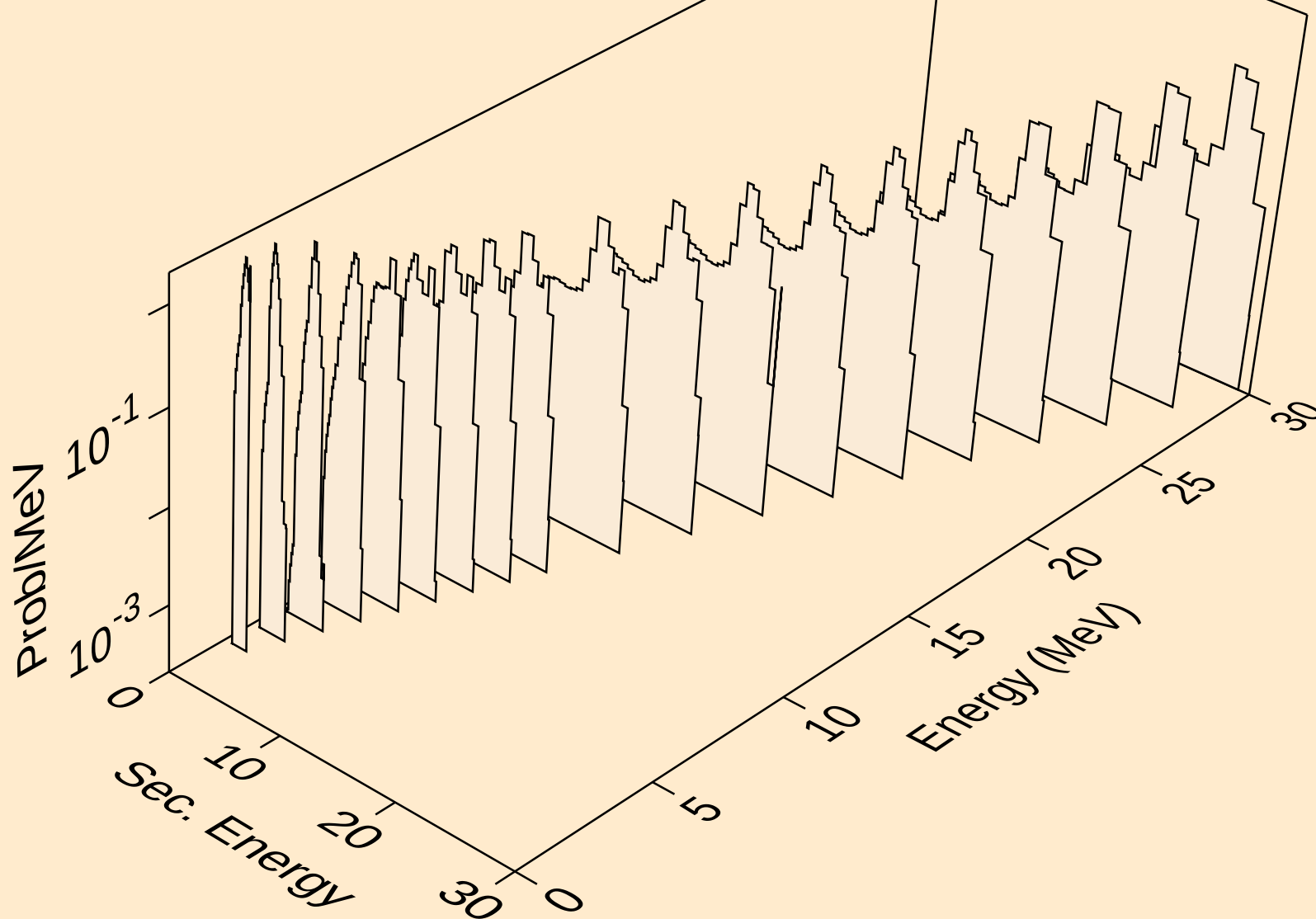
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



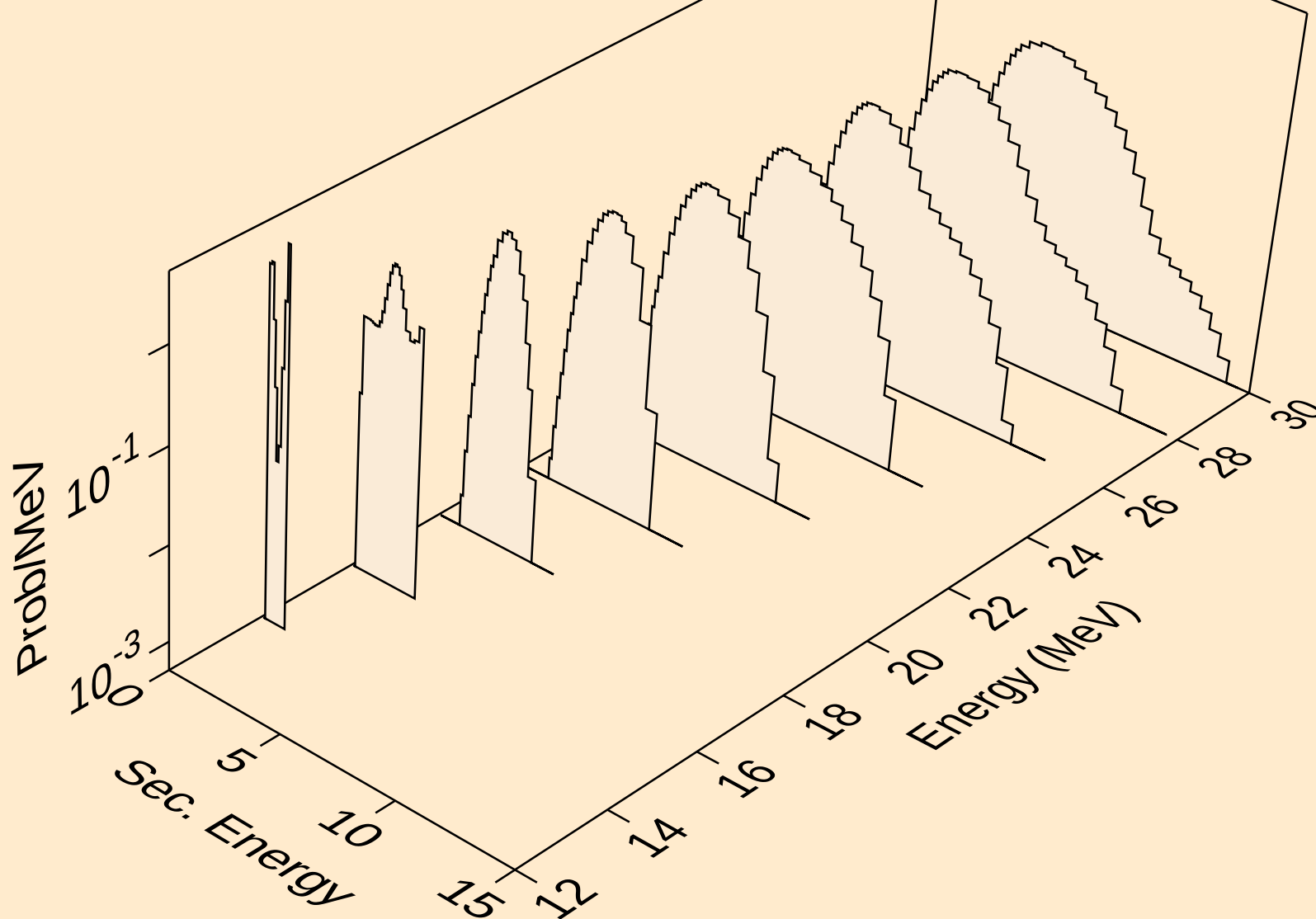
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,npa)



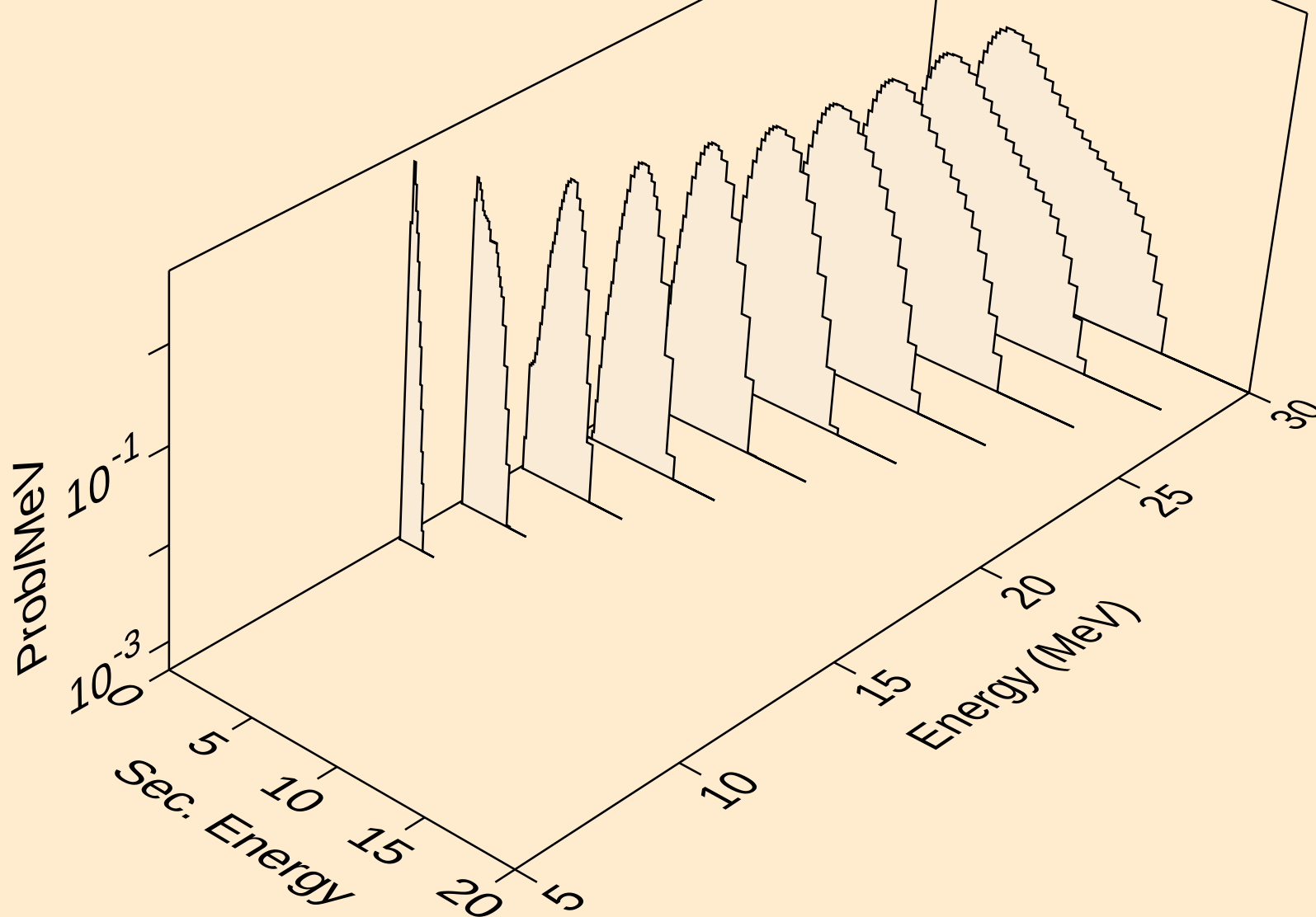
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



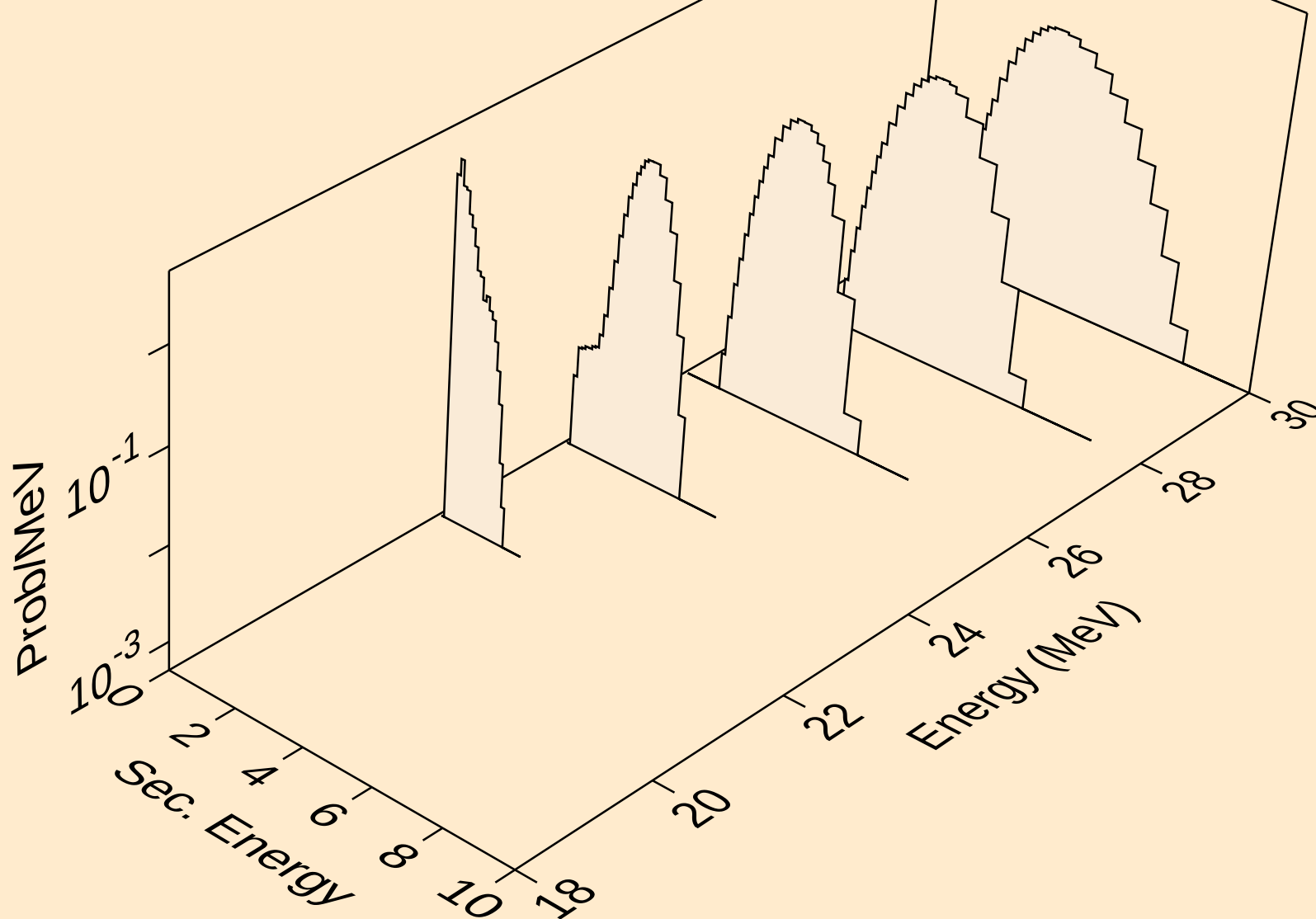
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



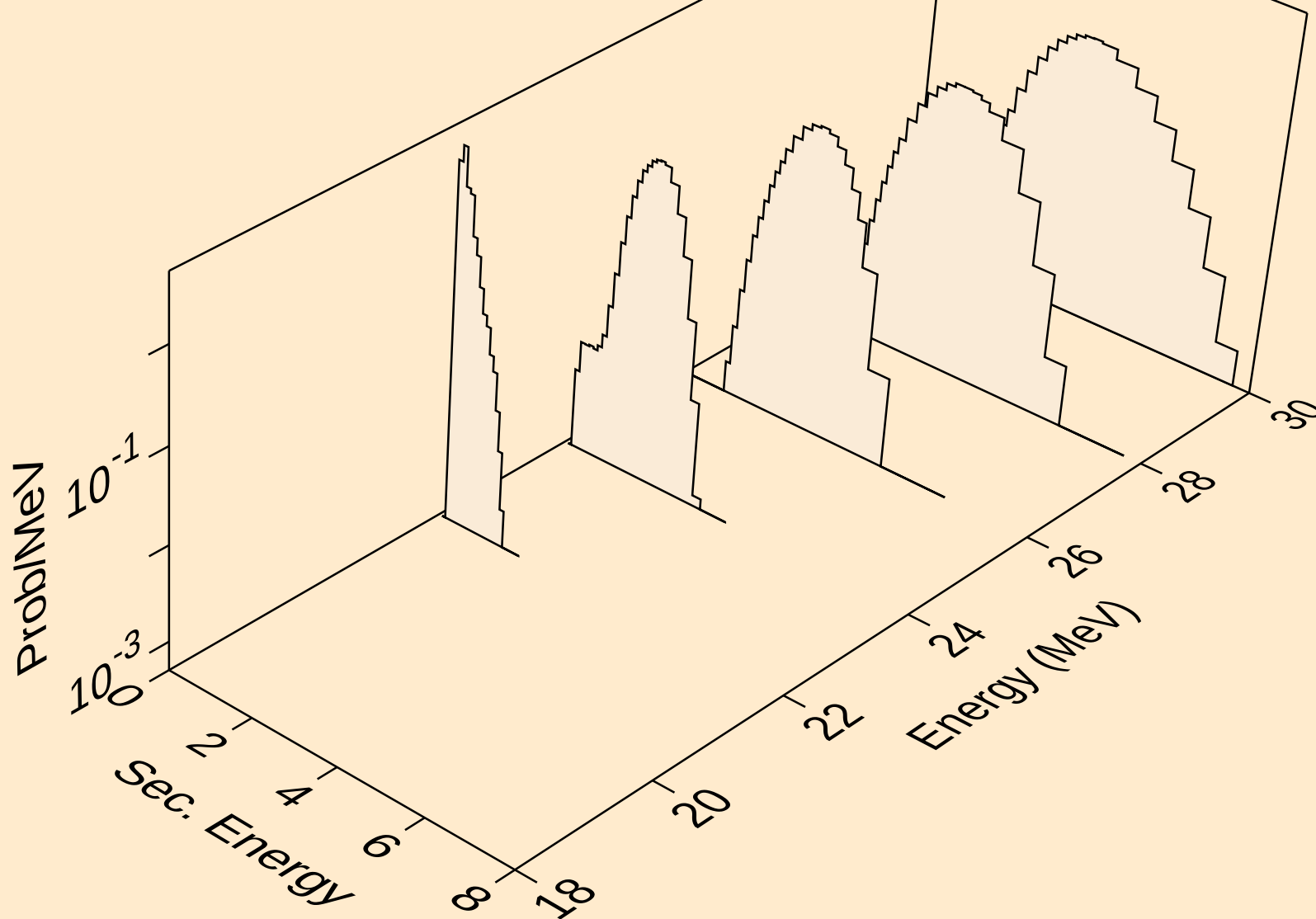
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pa)



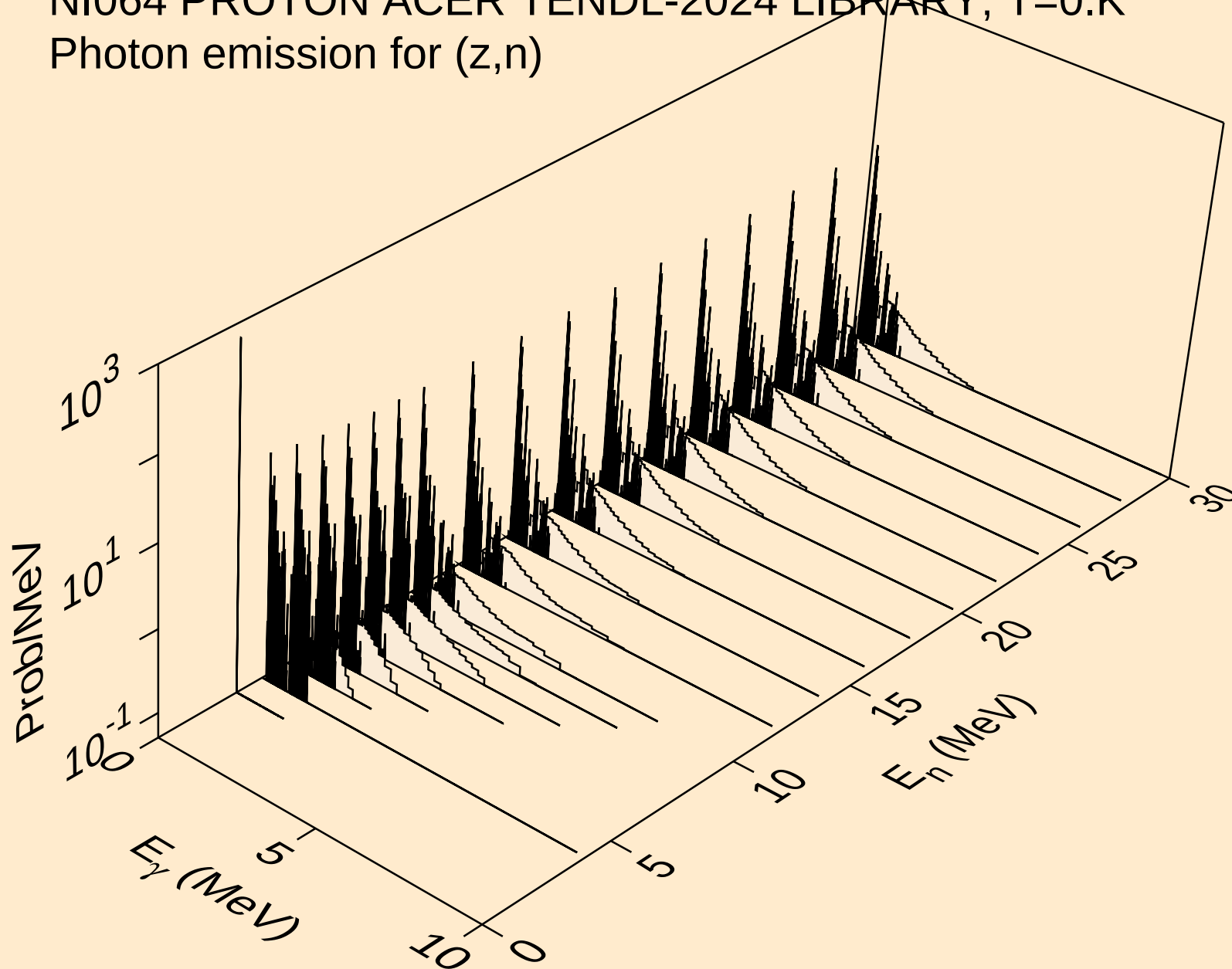
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pd)



NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pt)

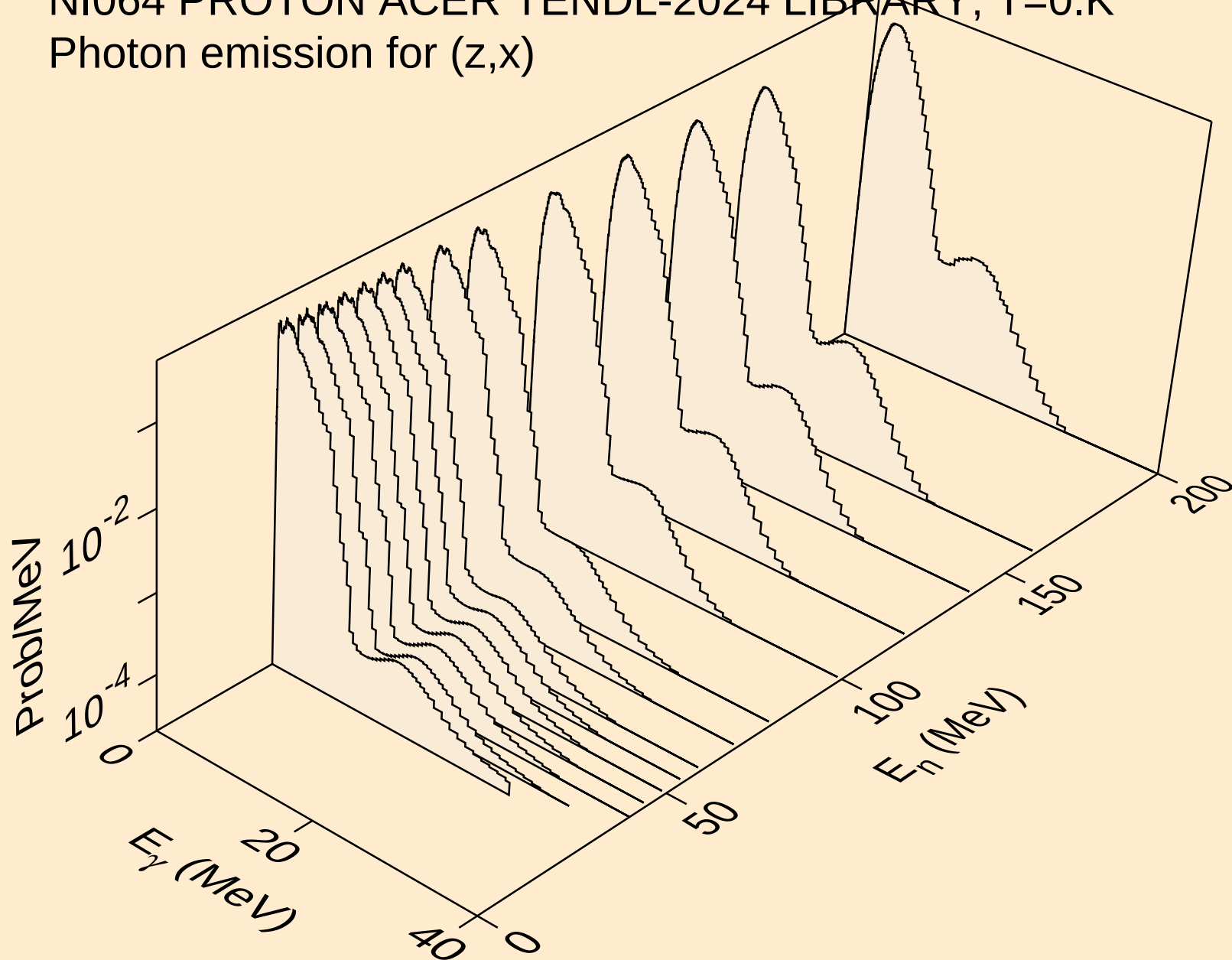


NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

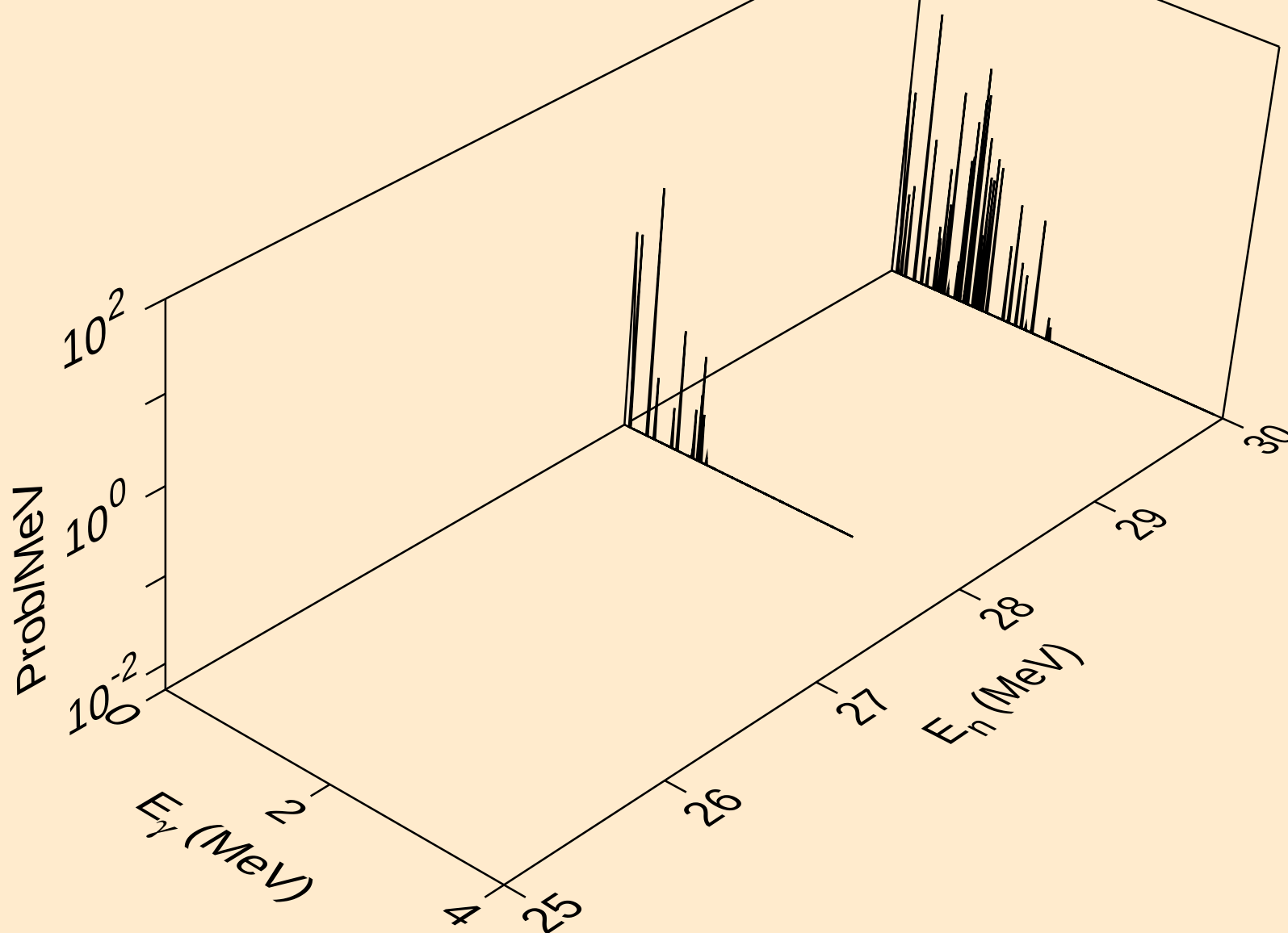


NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K

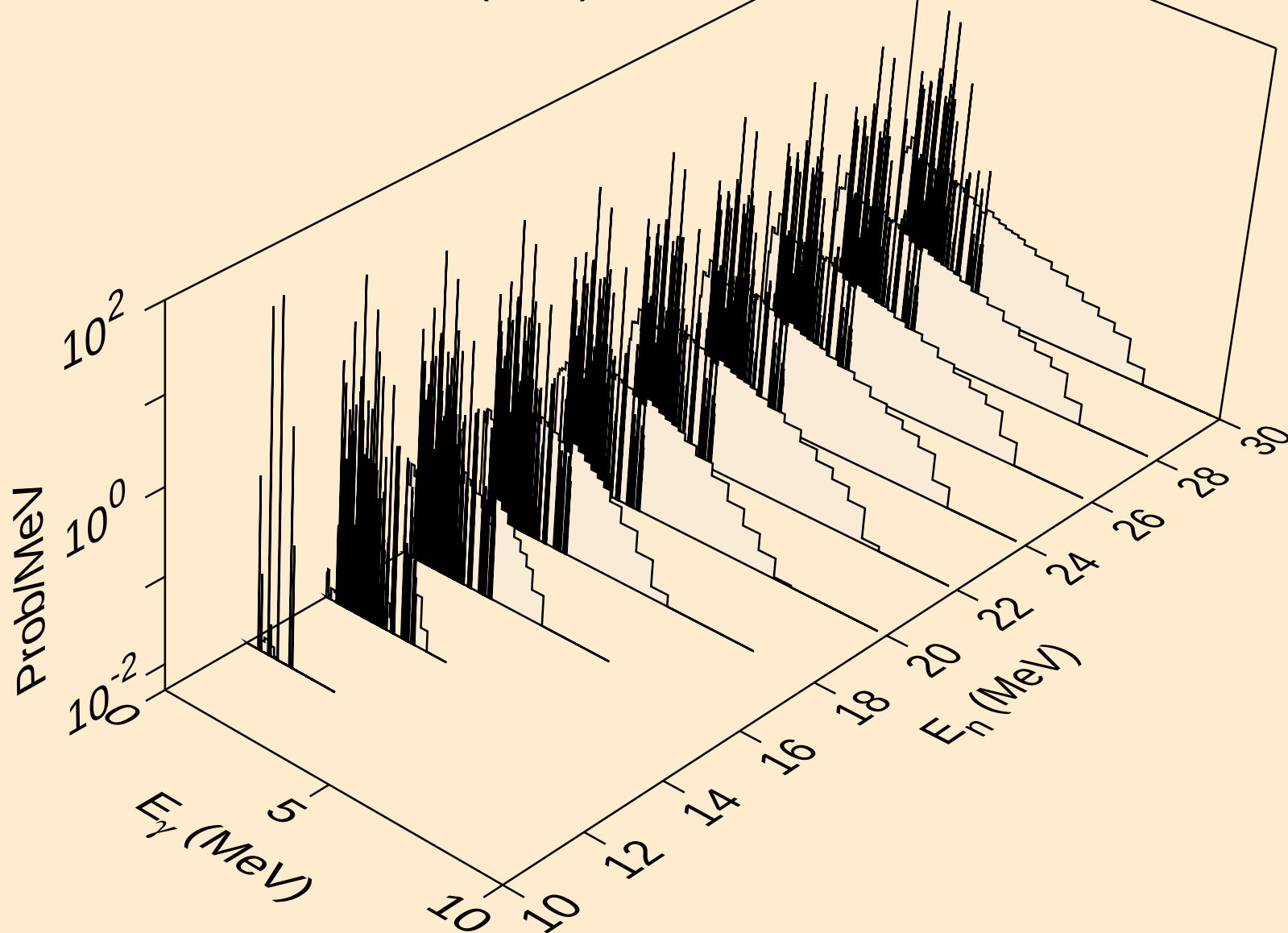
Photon emission for (z,x)



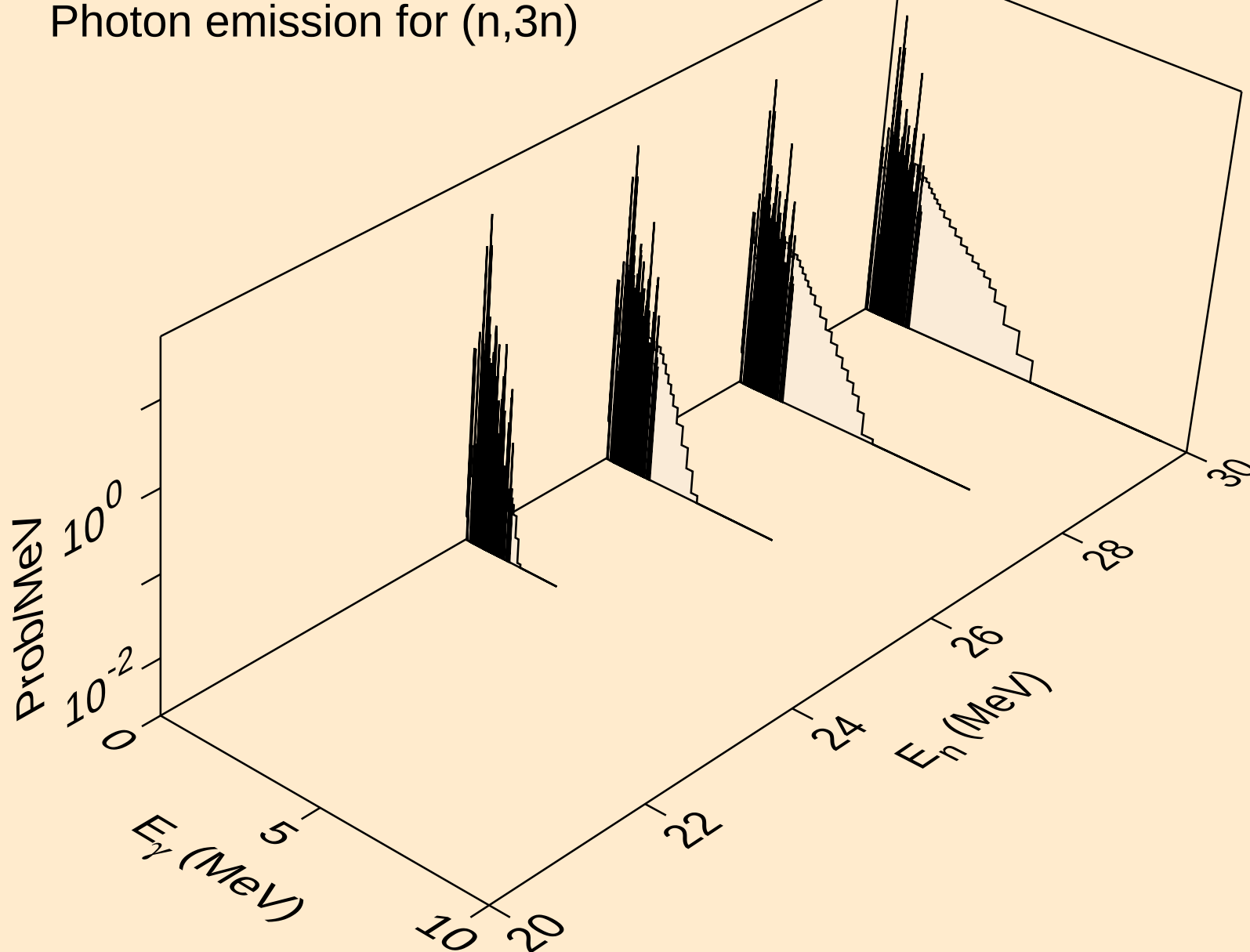
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



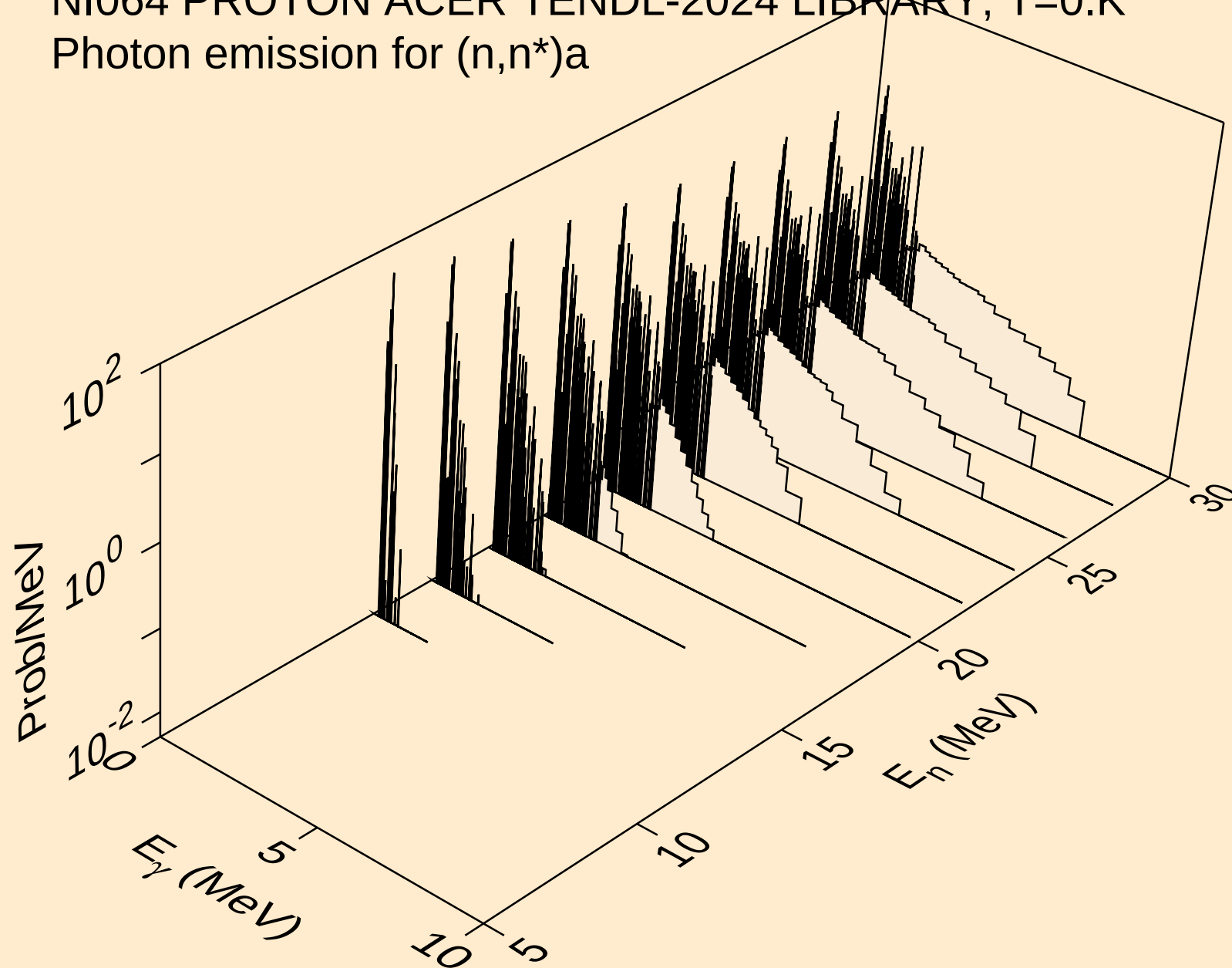
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



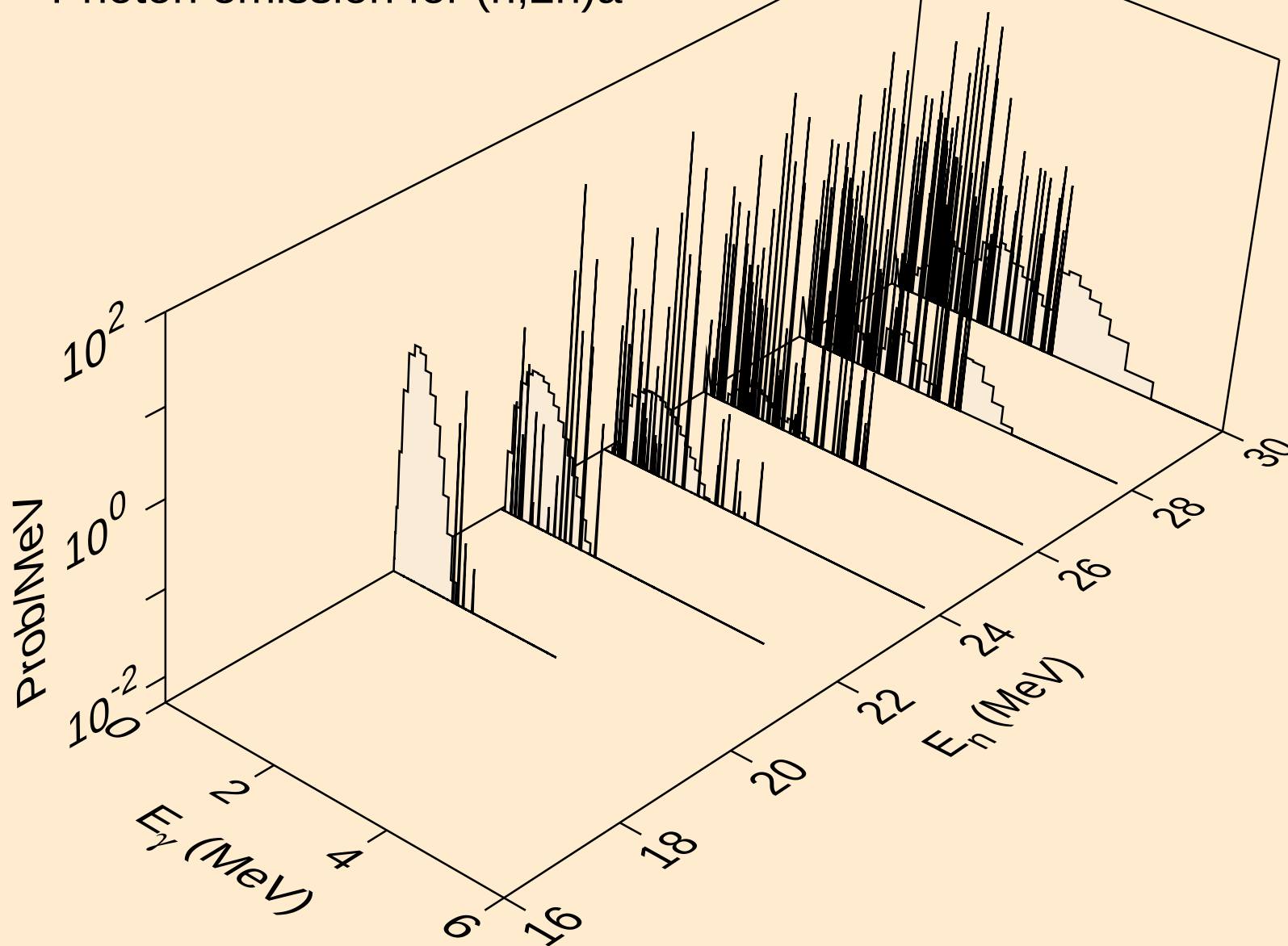
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

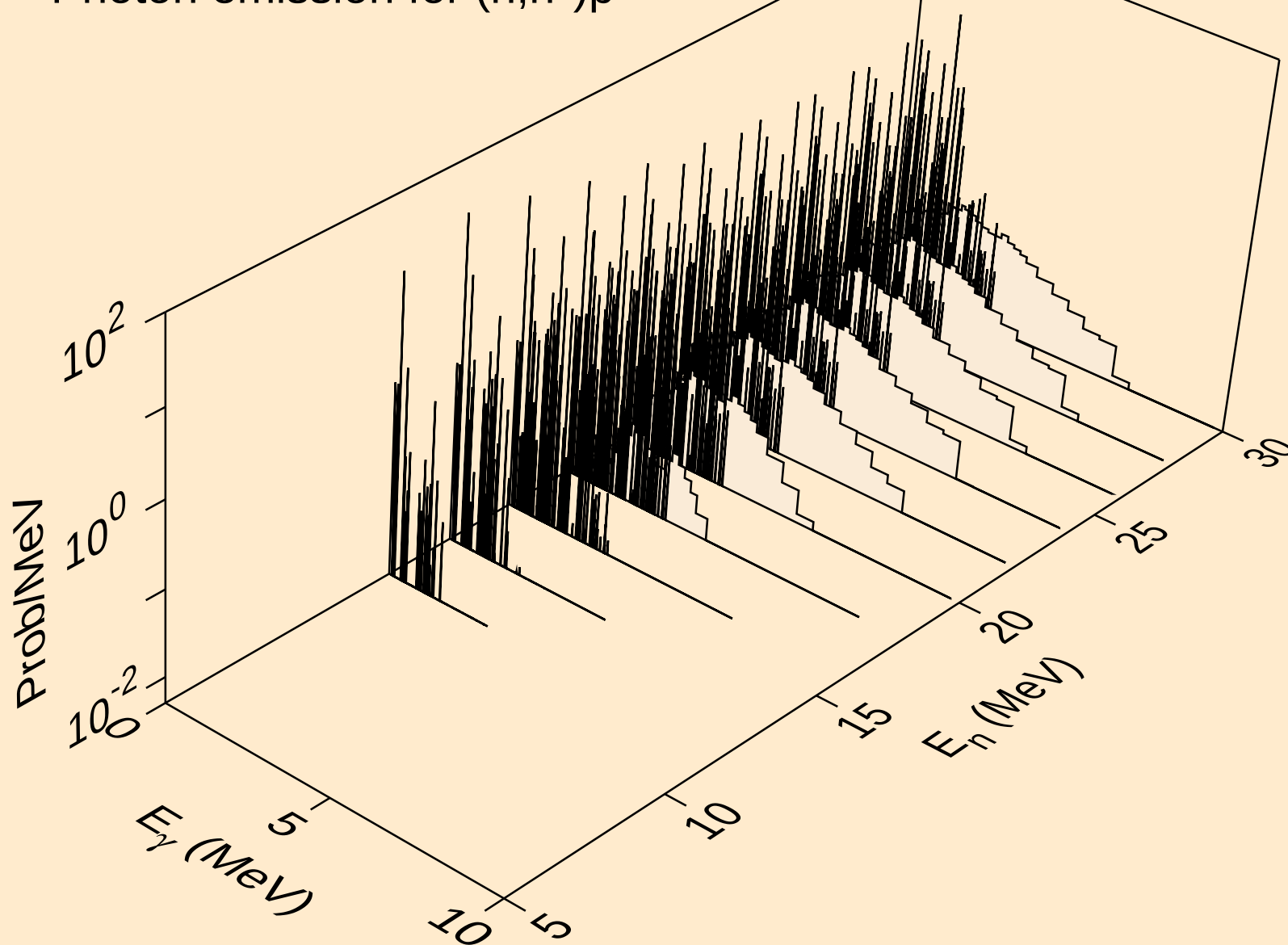


NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

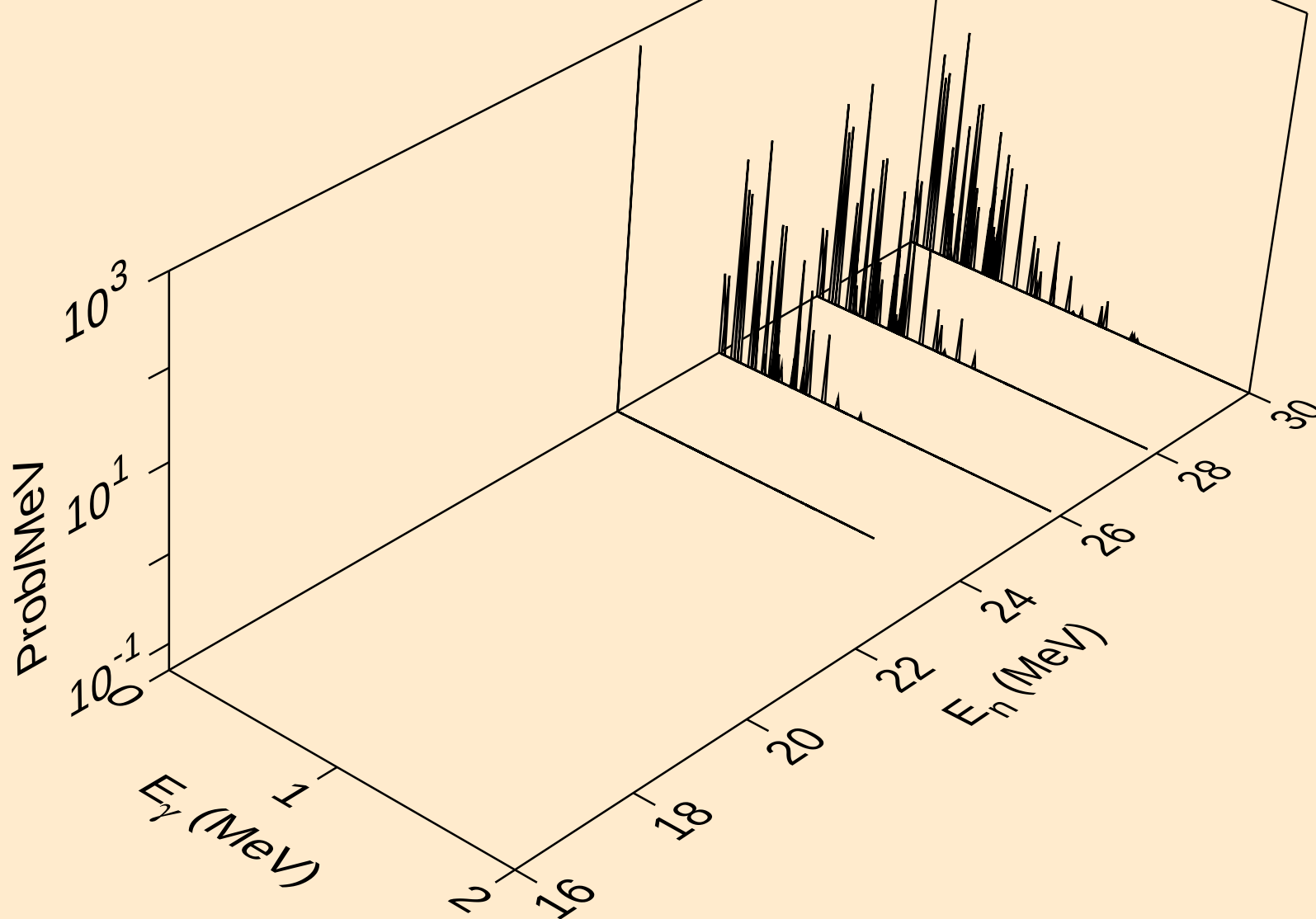


NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K

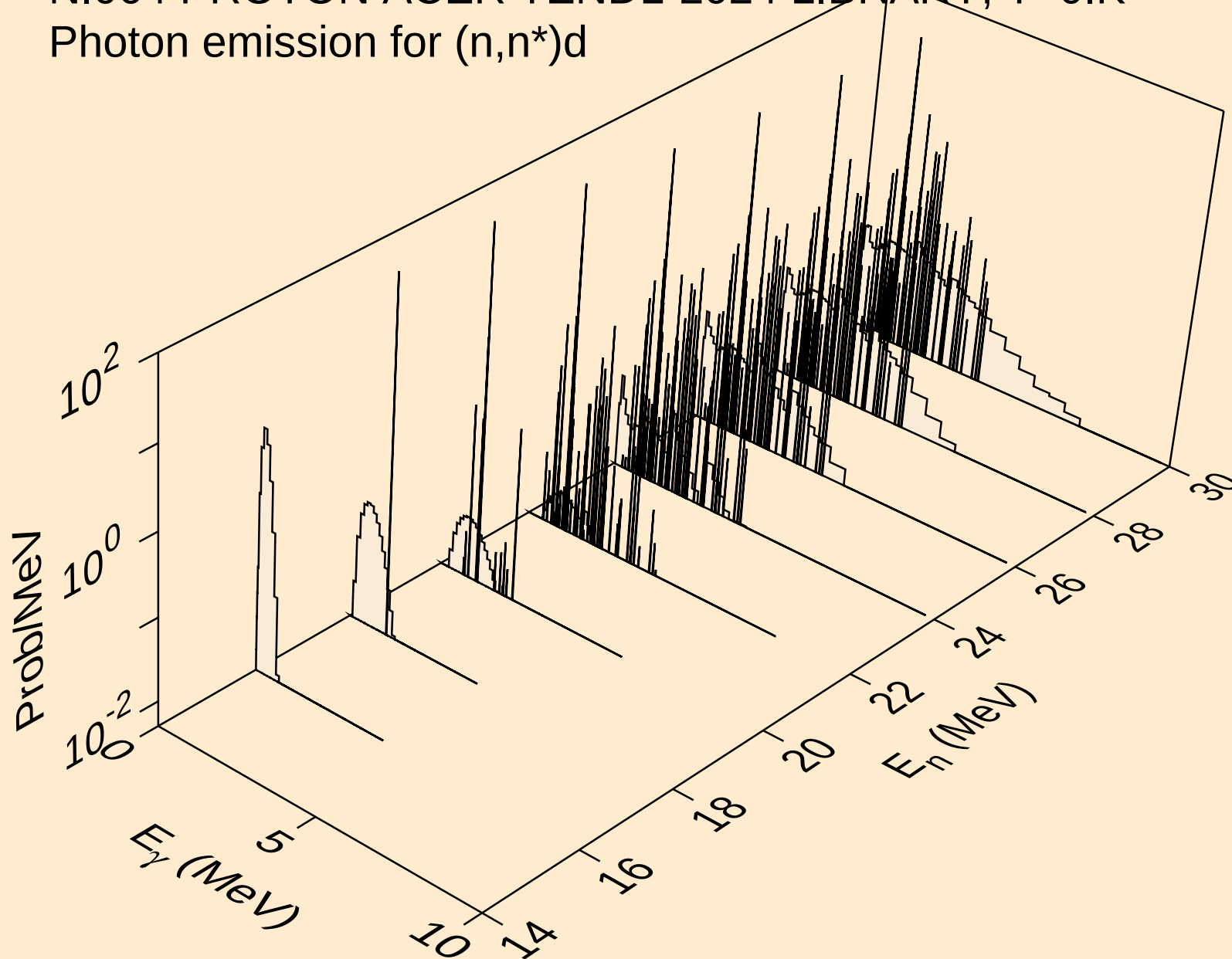
Photon emission for (n,n\*)p



NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

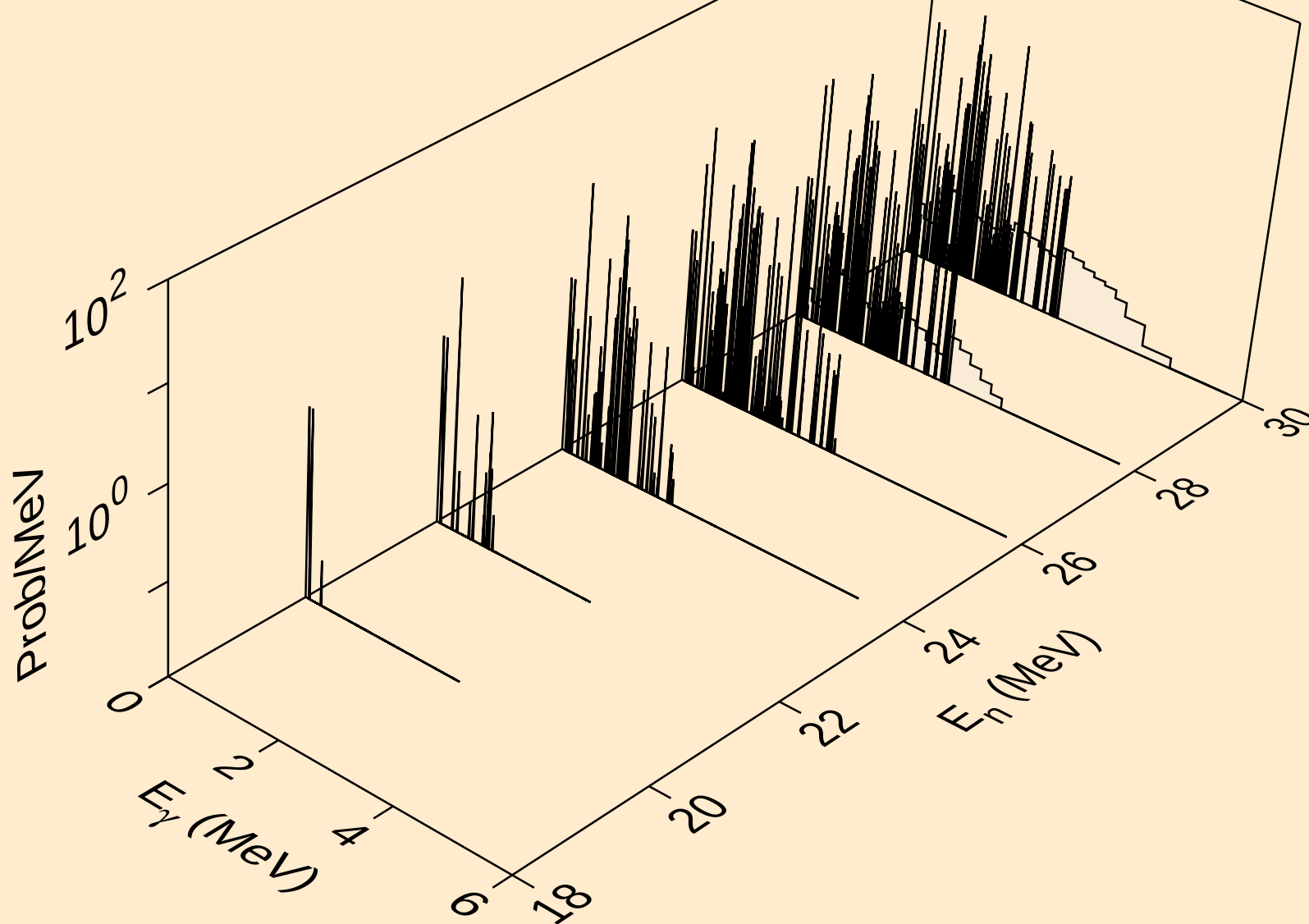


NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

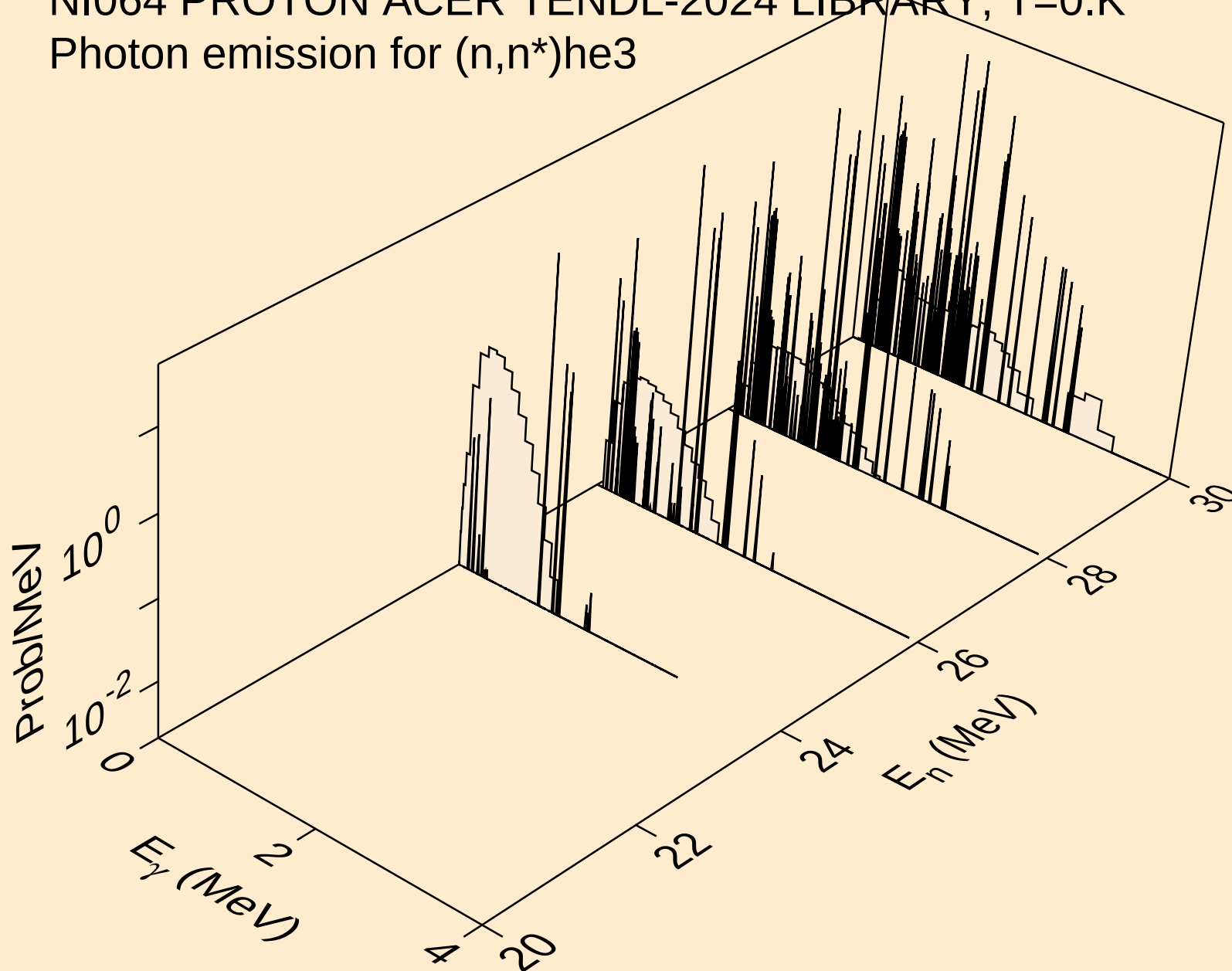


NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K

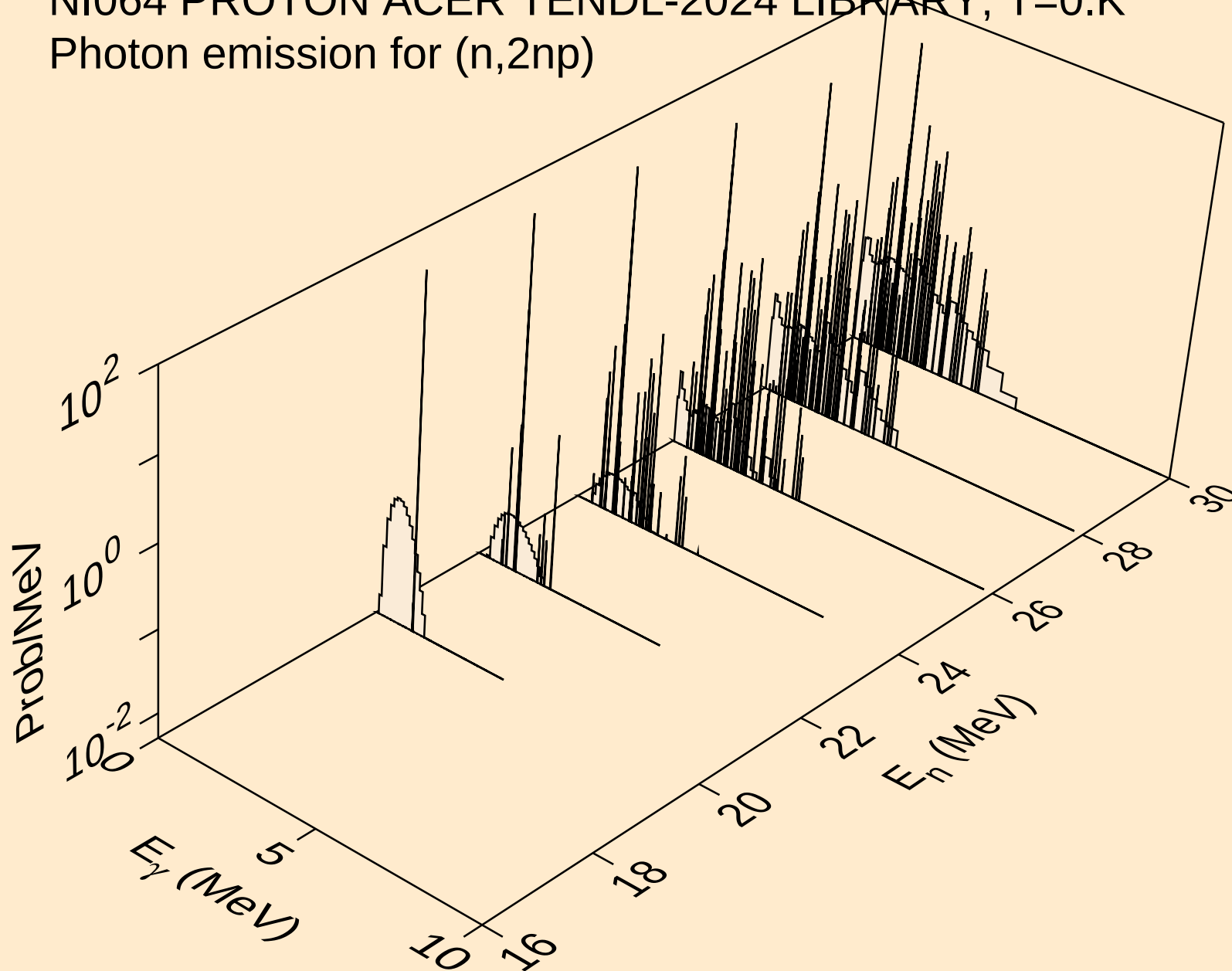
Photon emission for (n,n\*)t



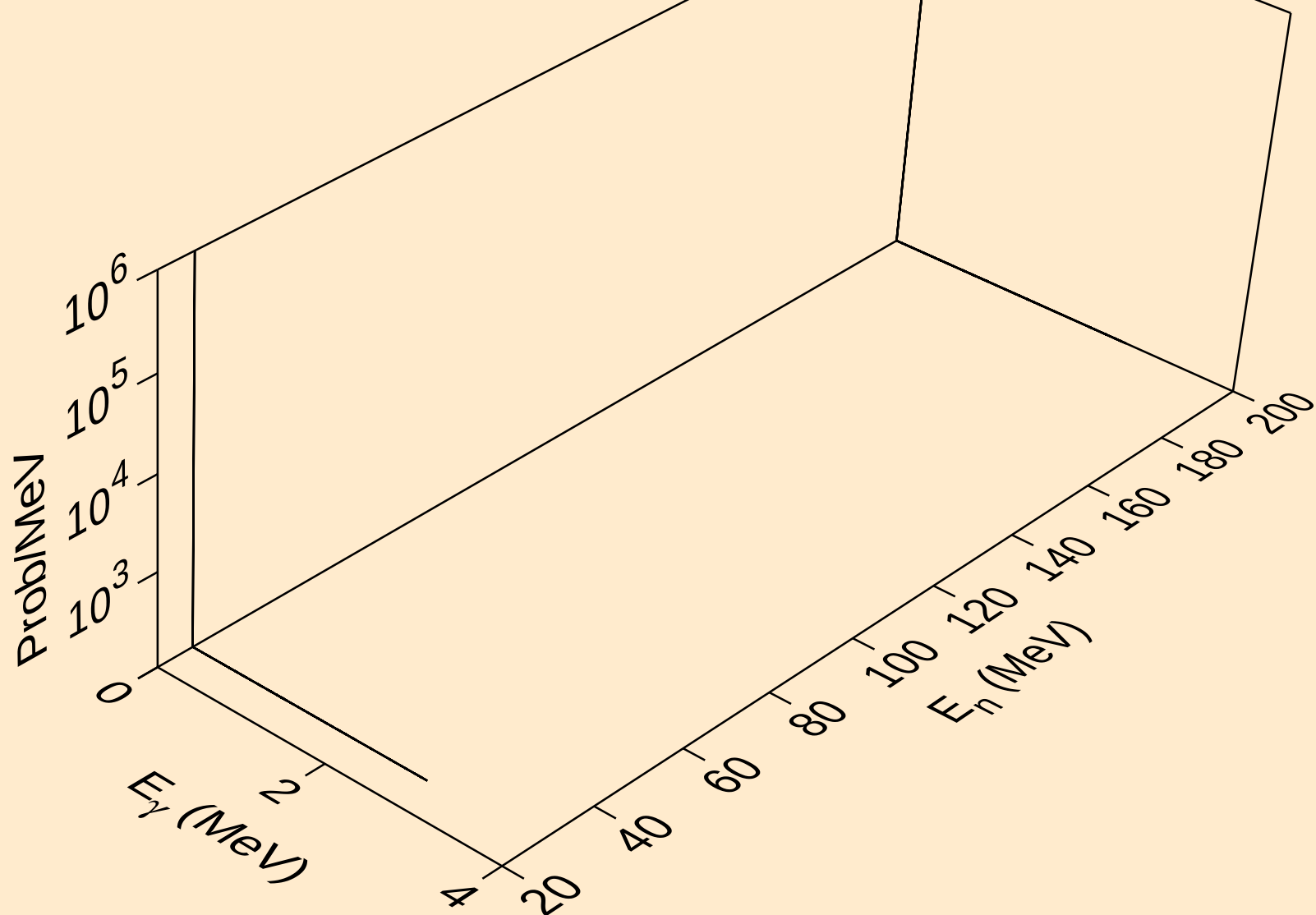
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



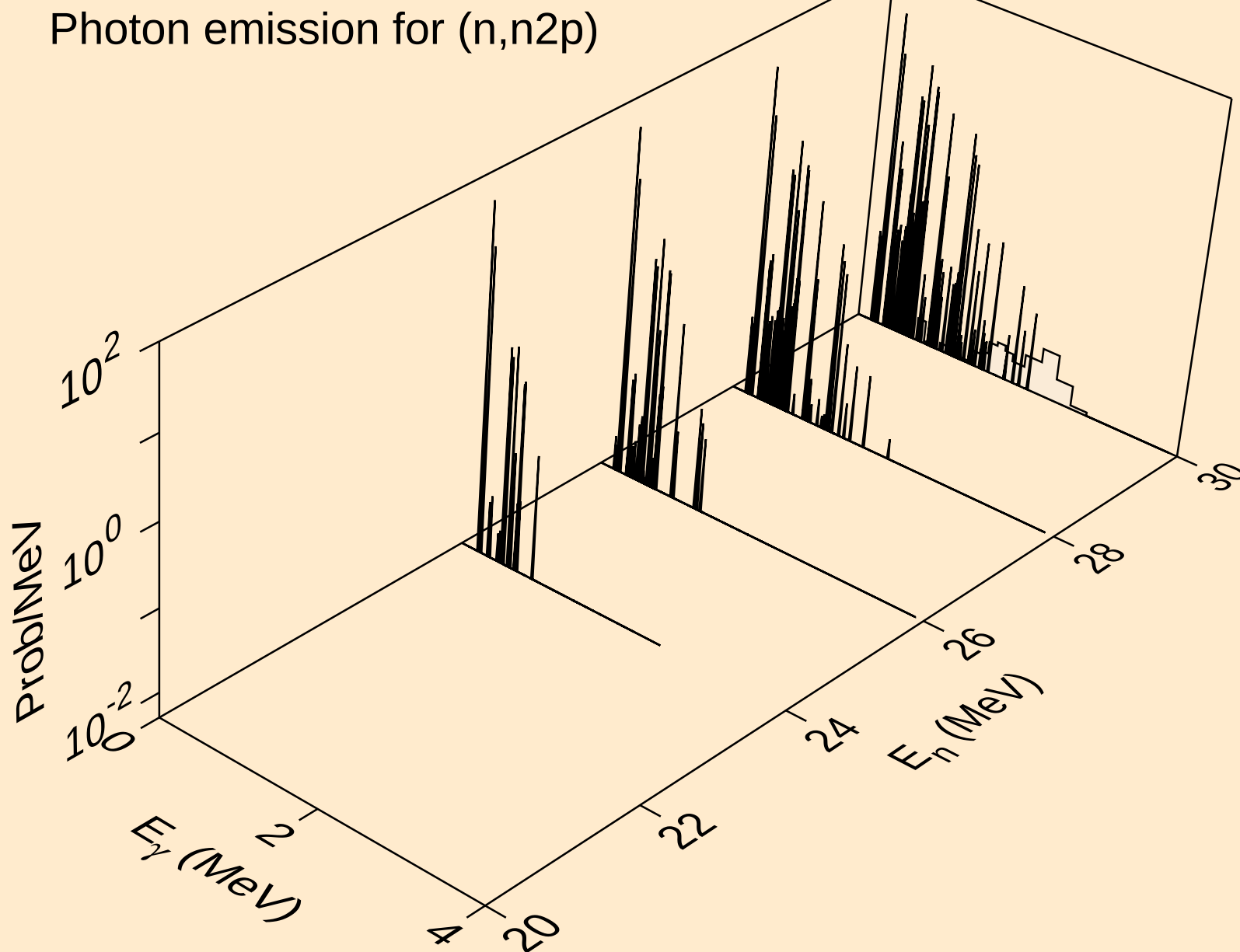
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



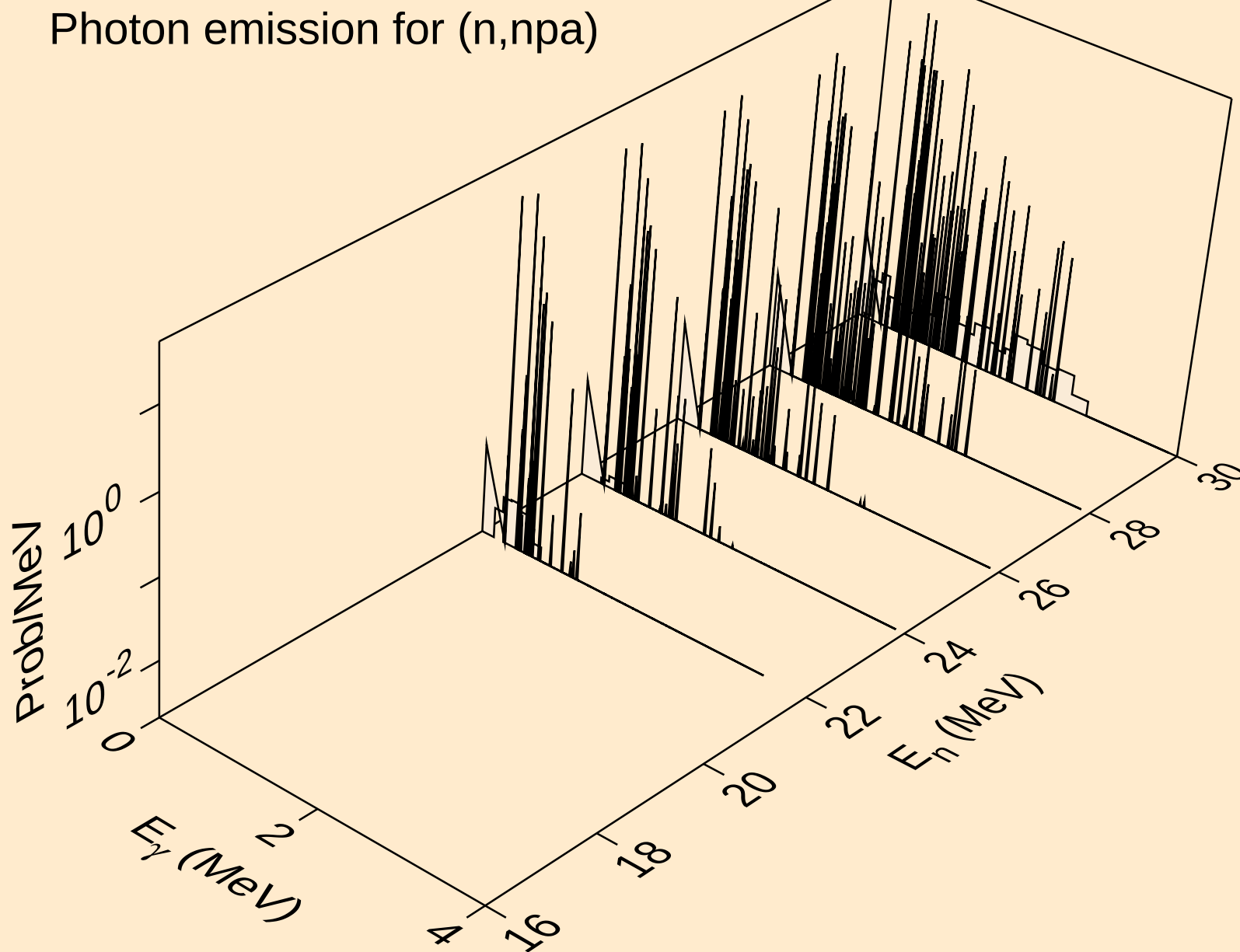
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



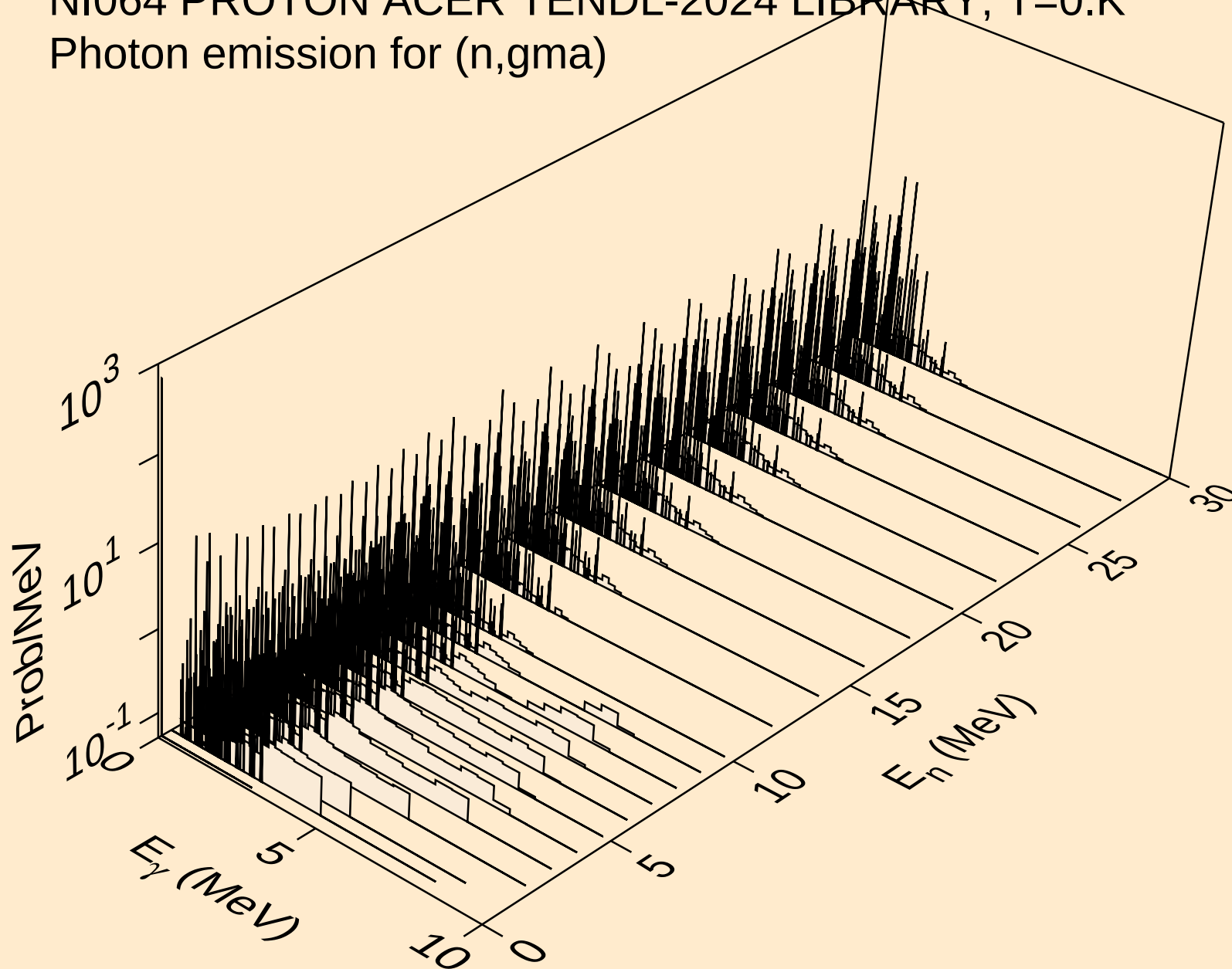
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



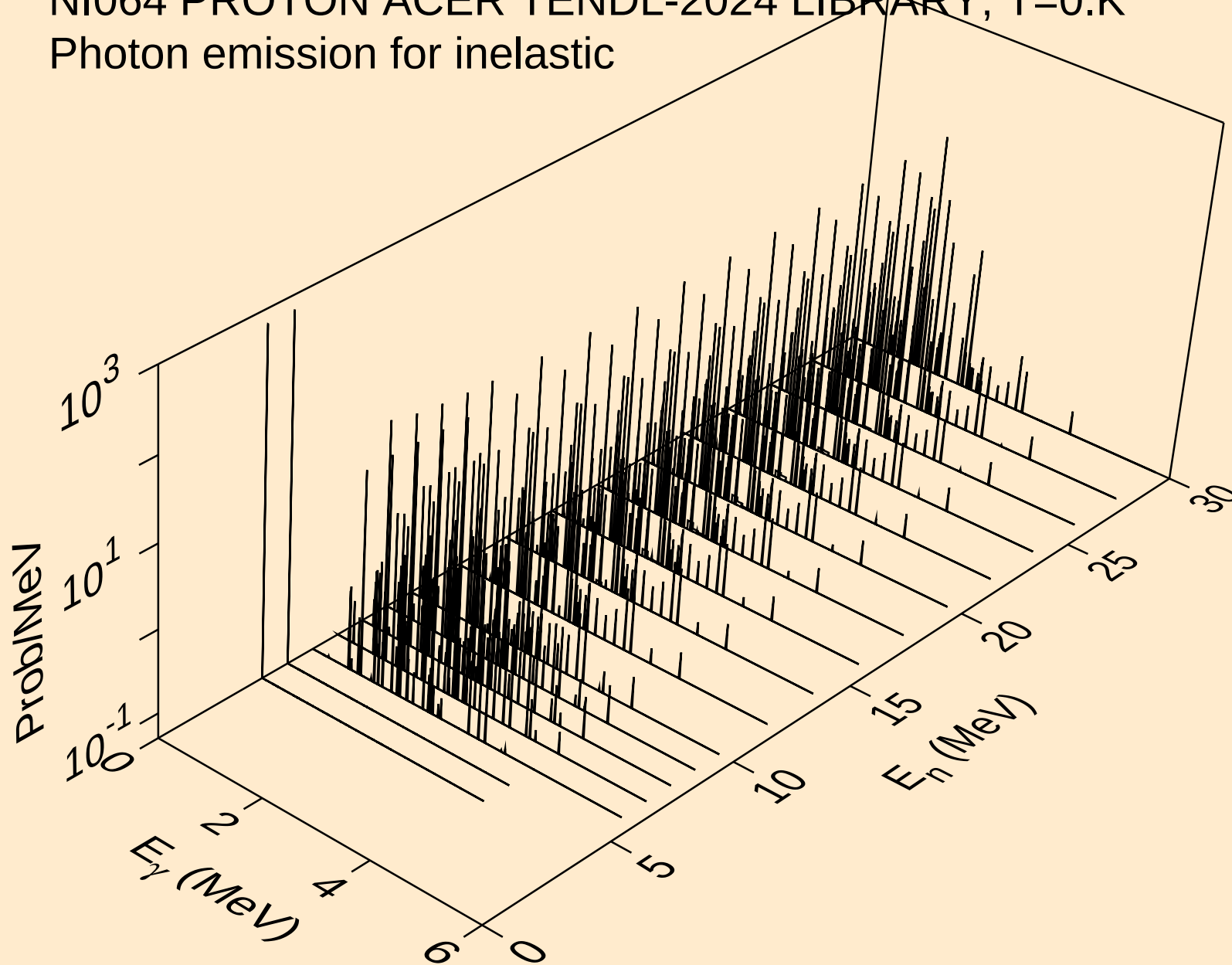
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



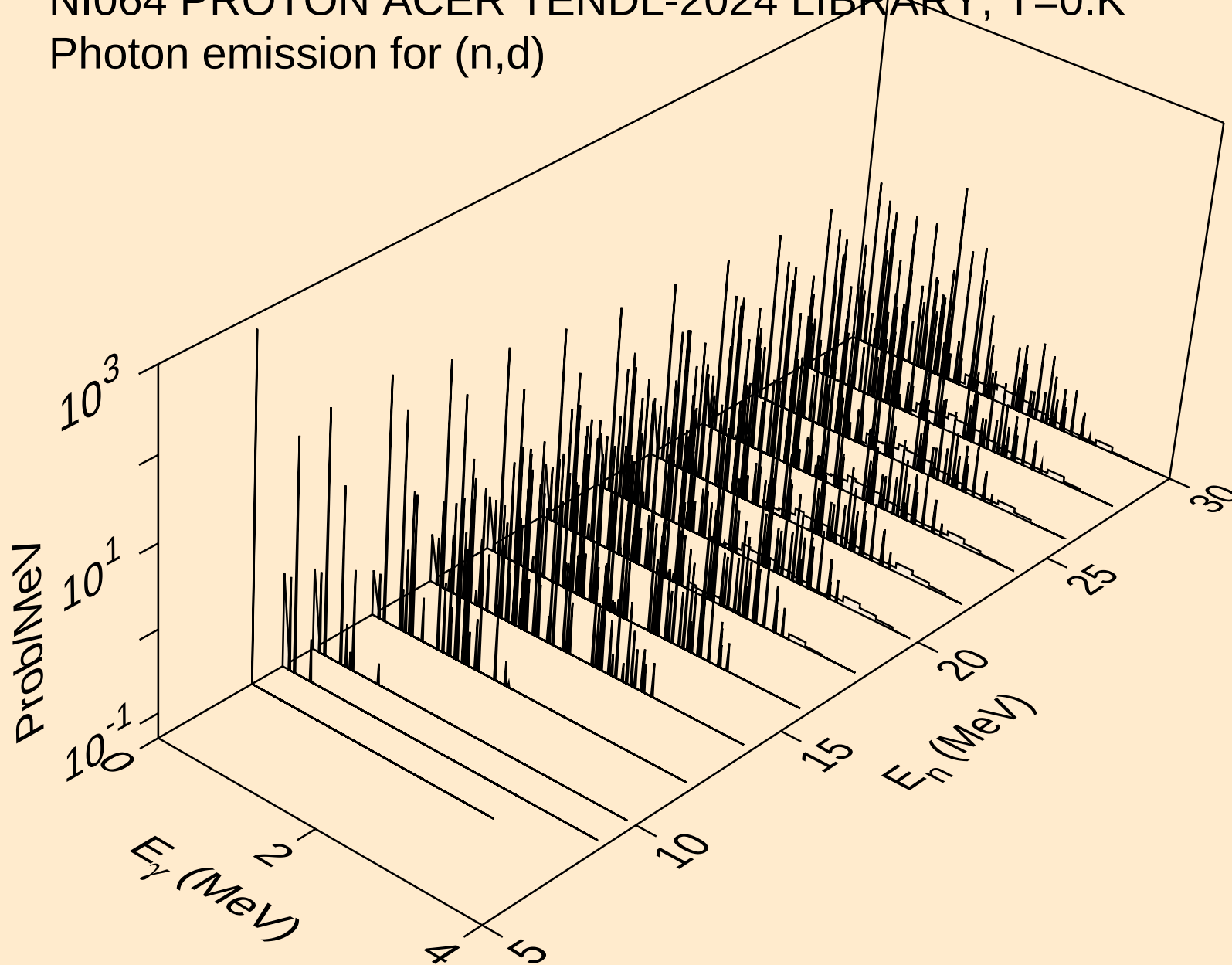
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



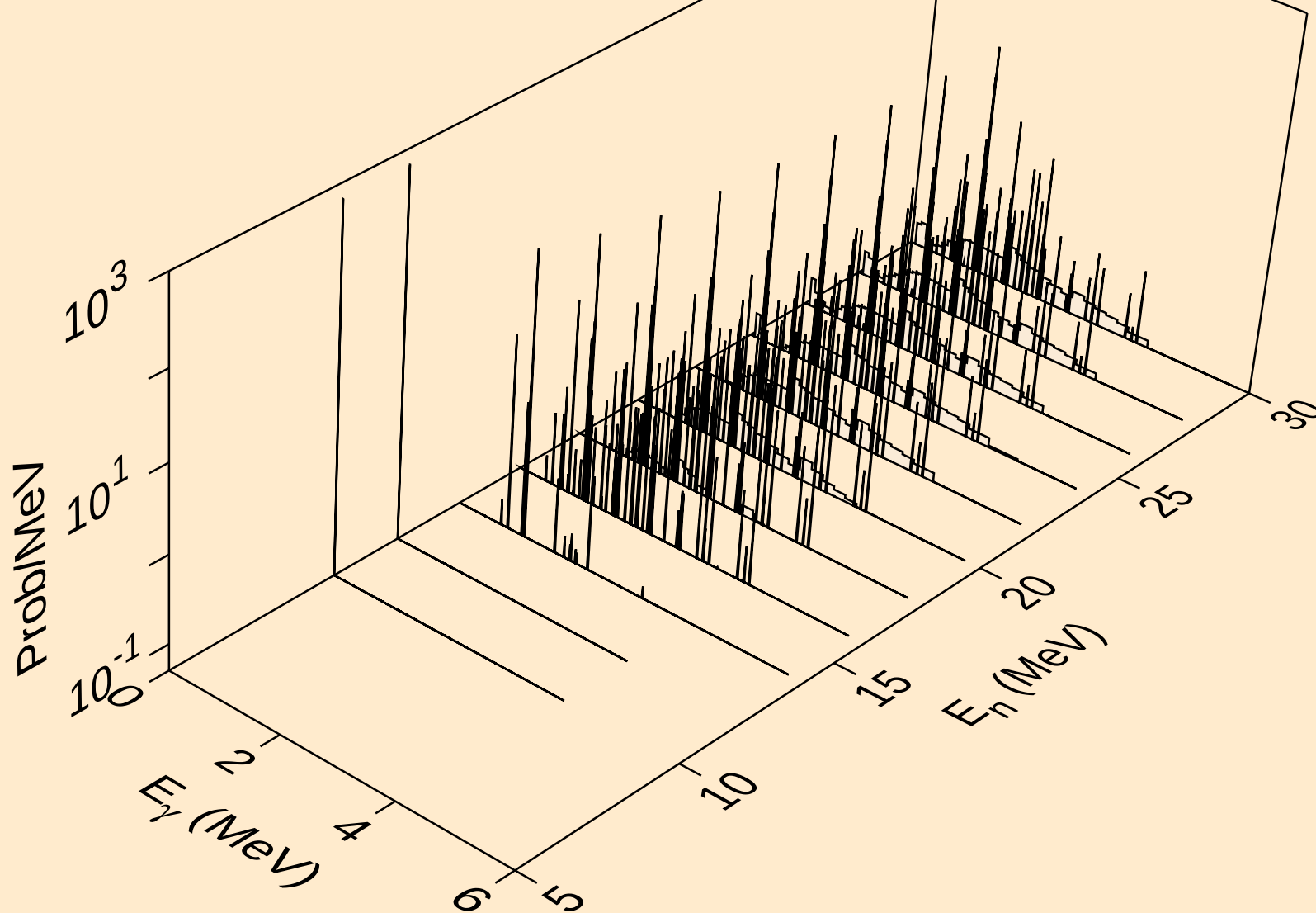
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



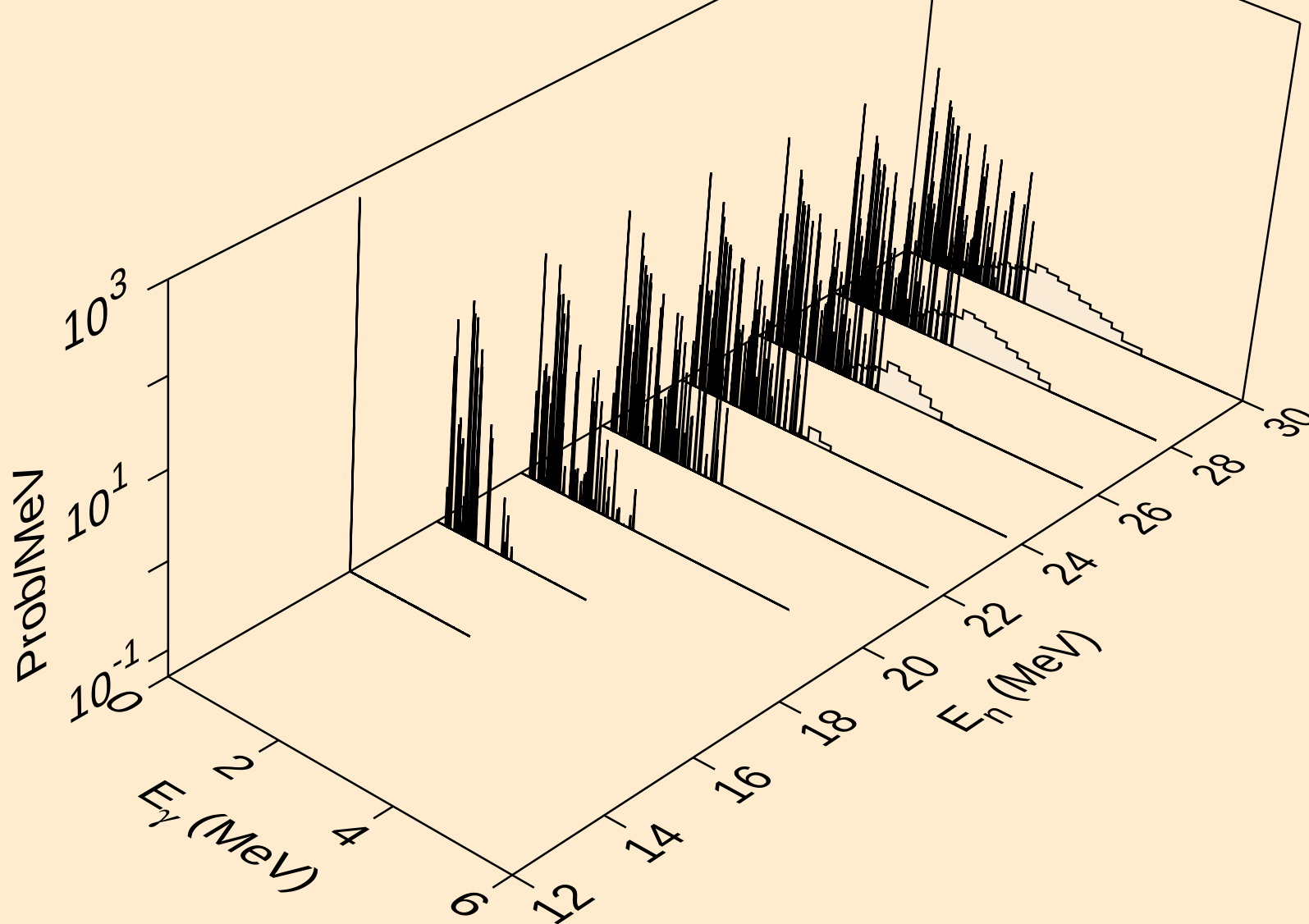
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



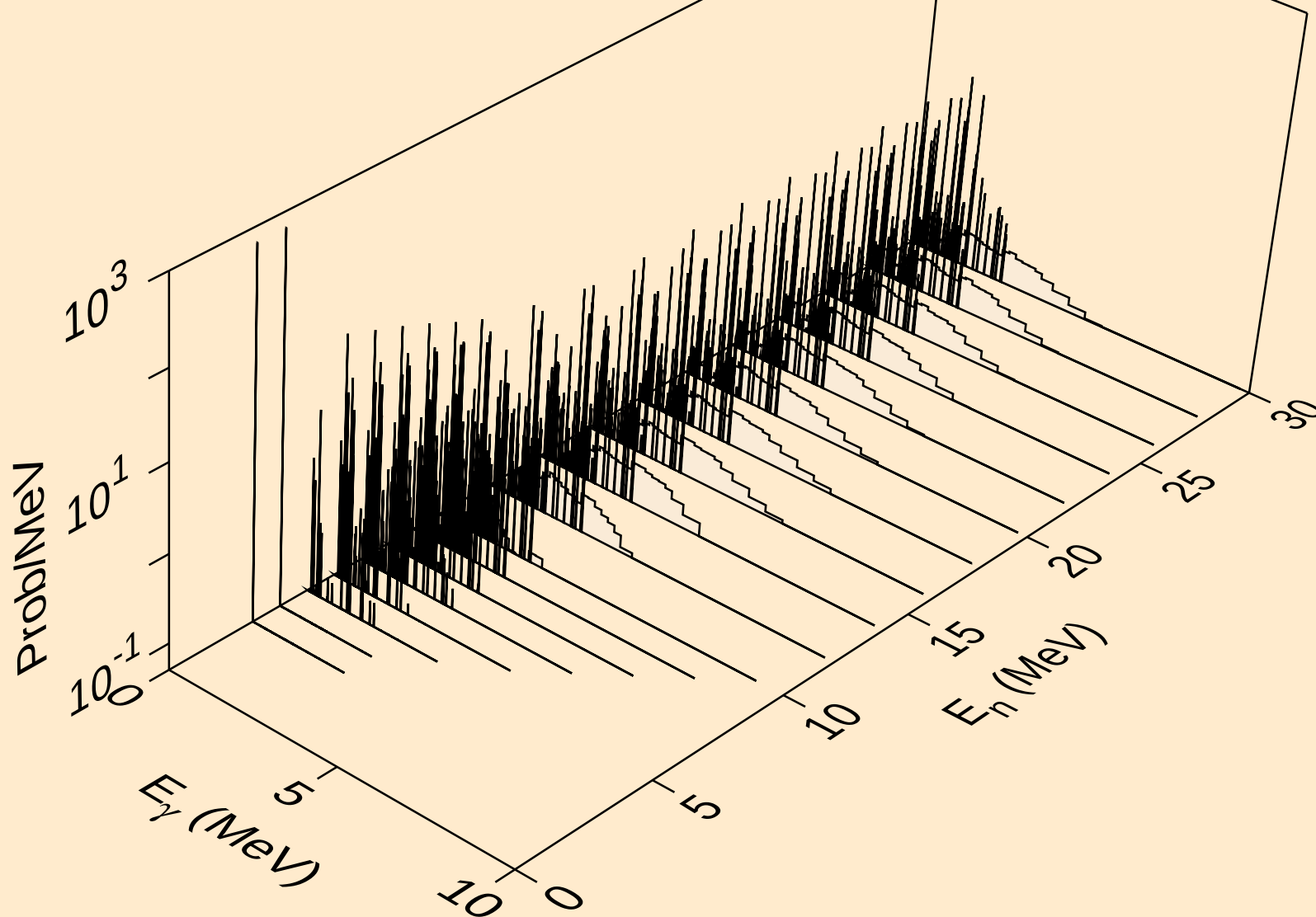
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



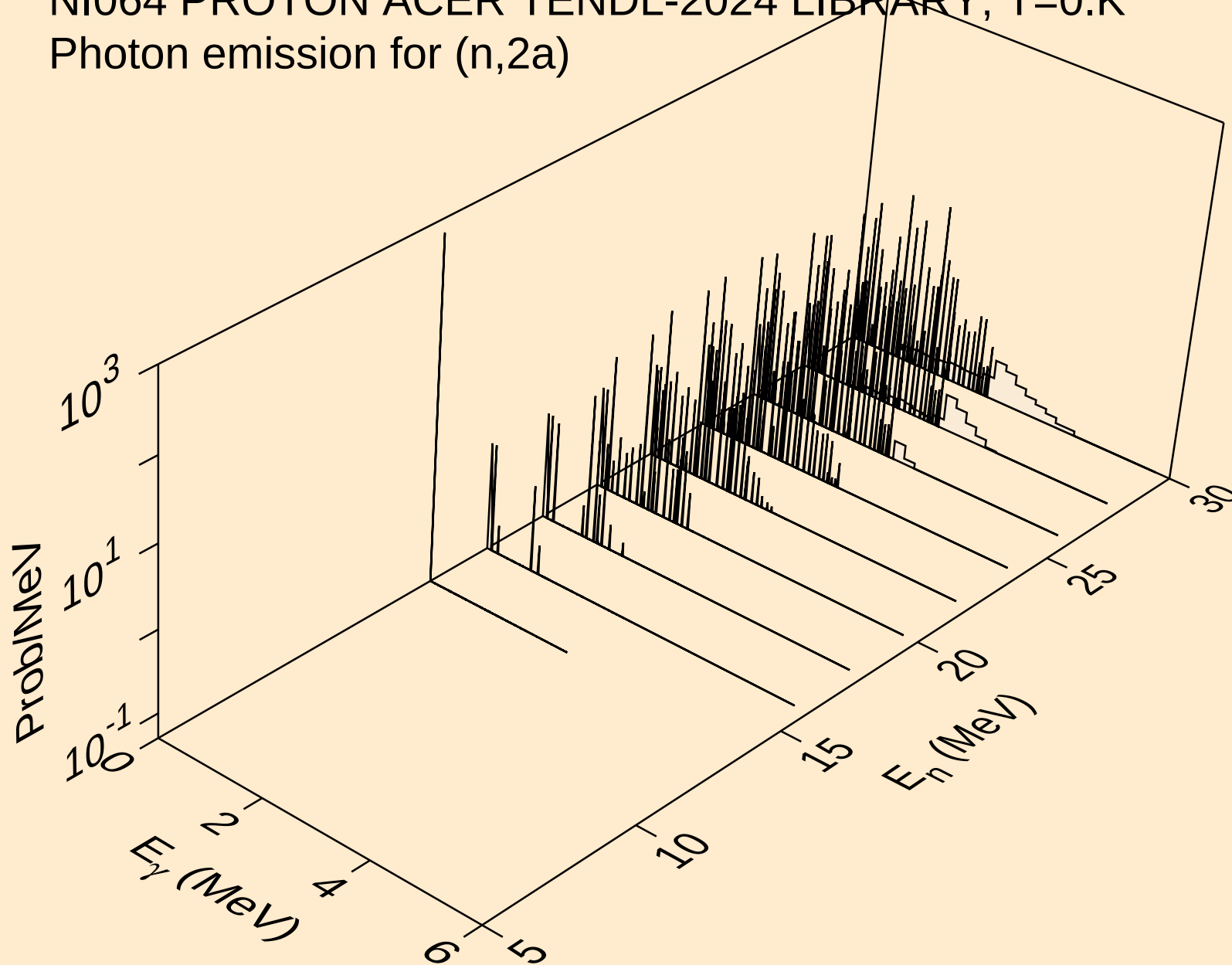
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



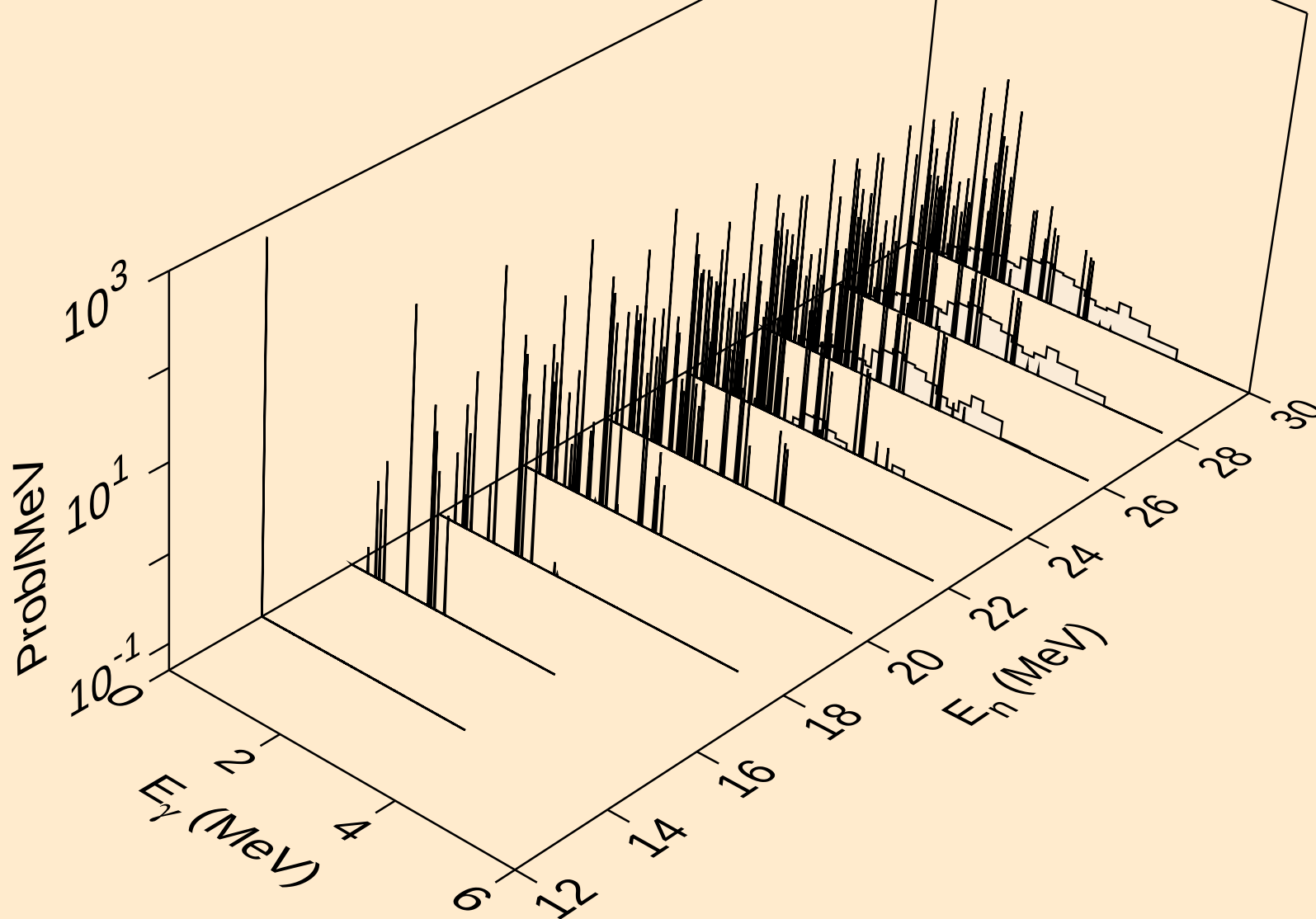
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



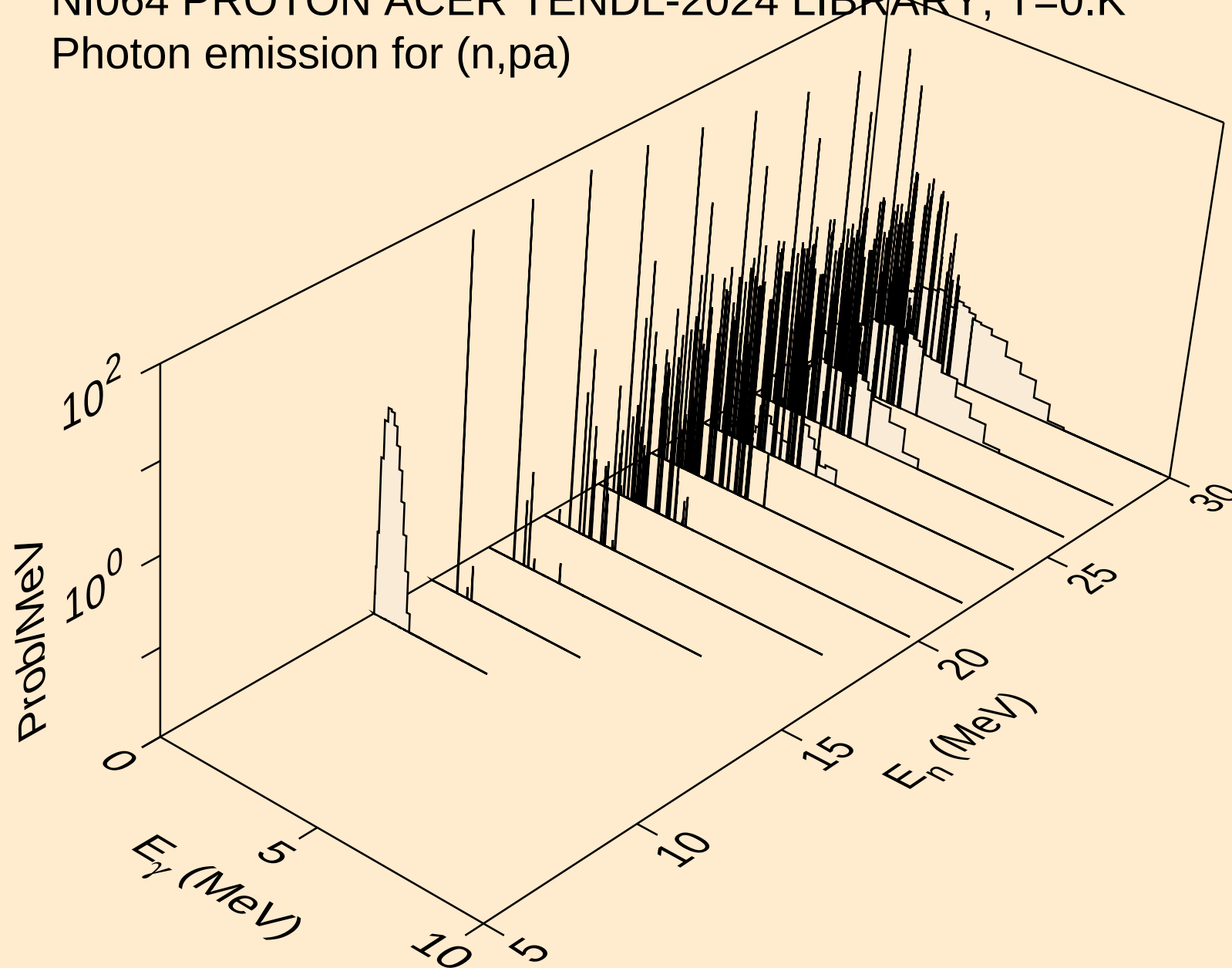
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



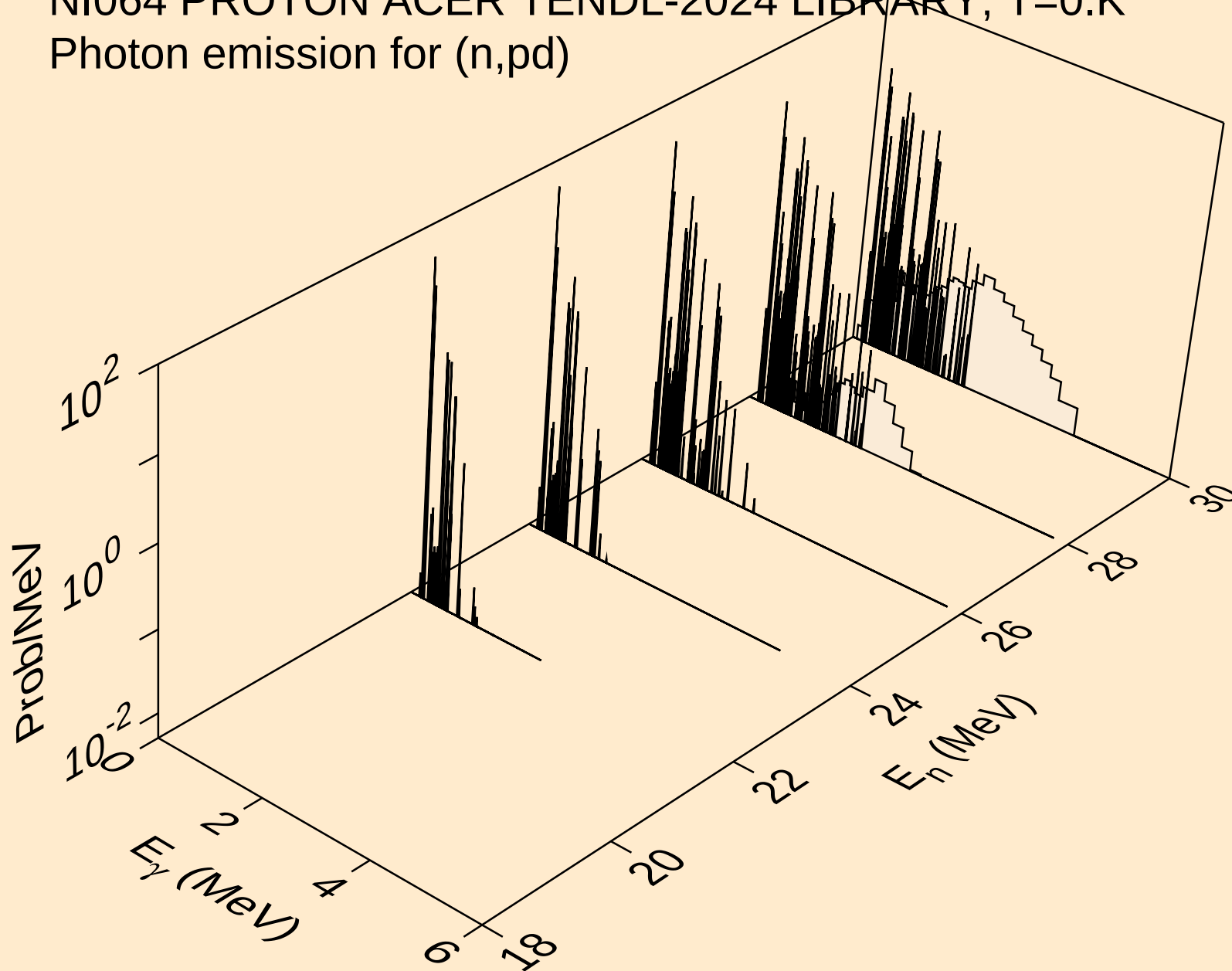
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



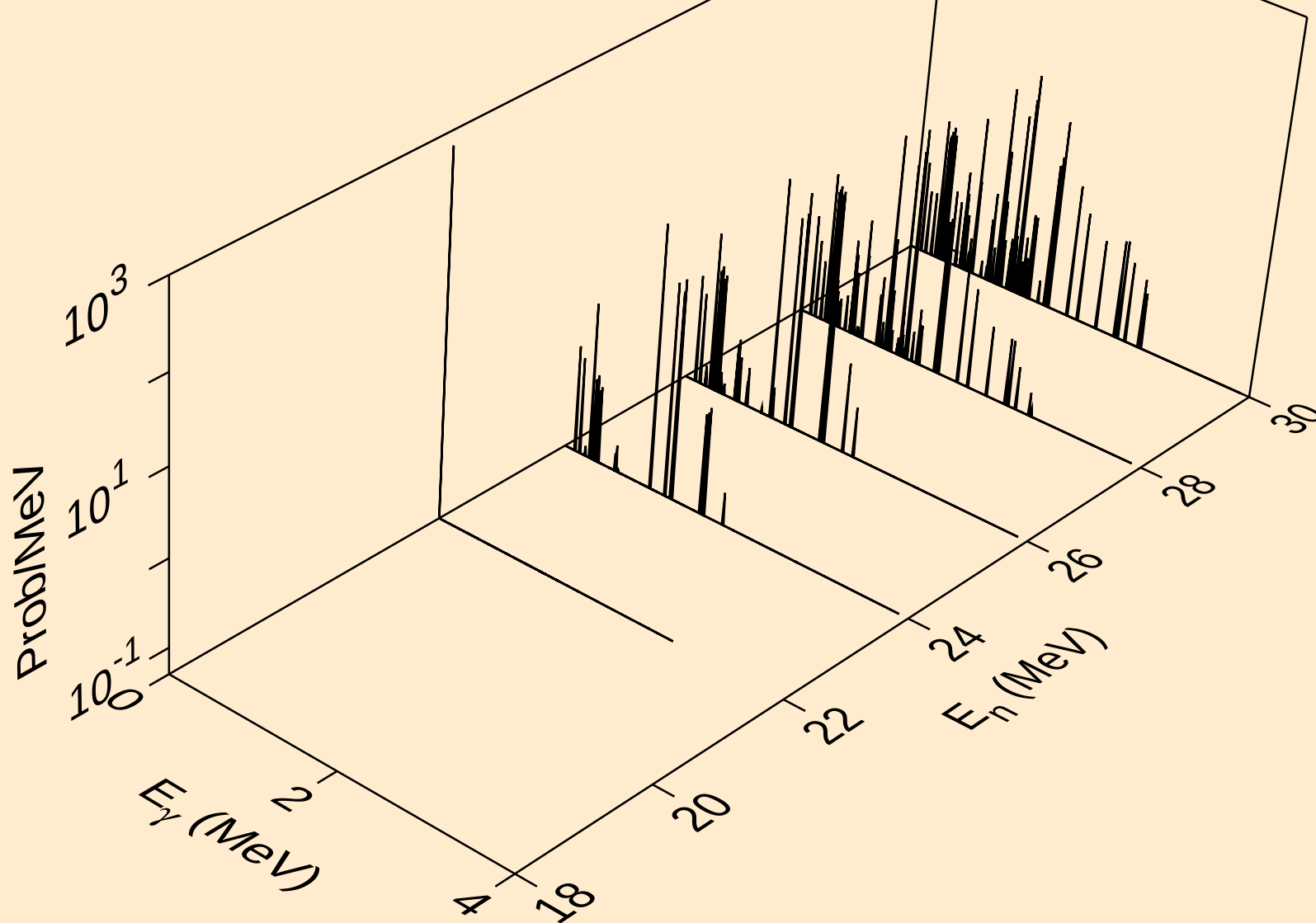
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



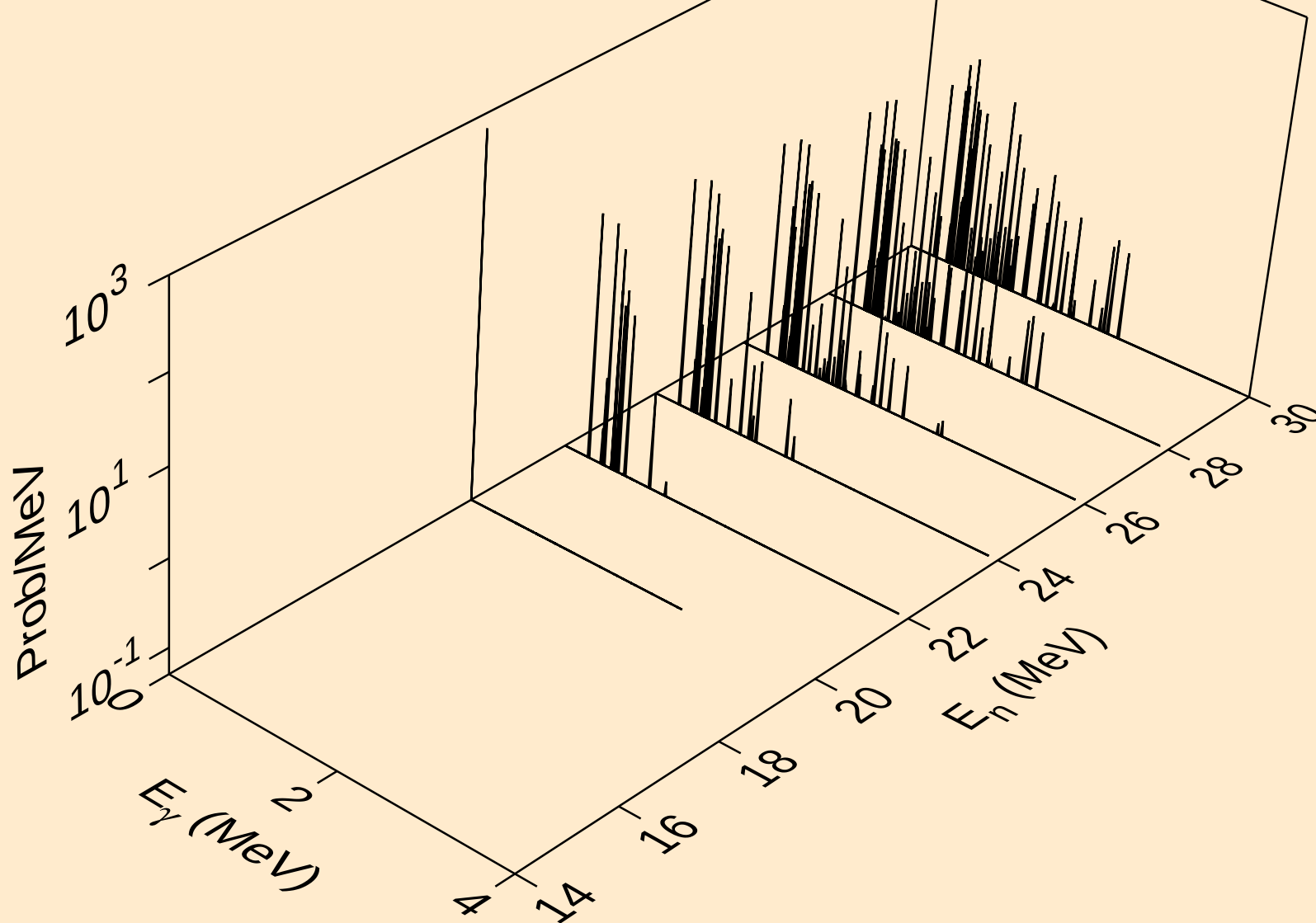
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



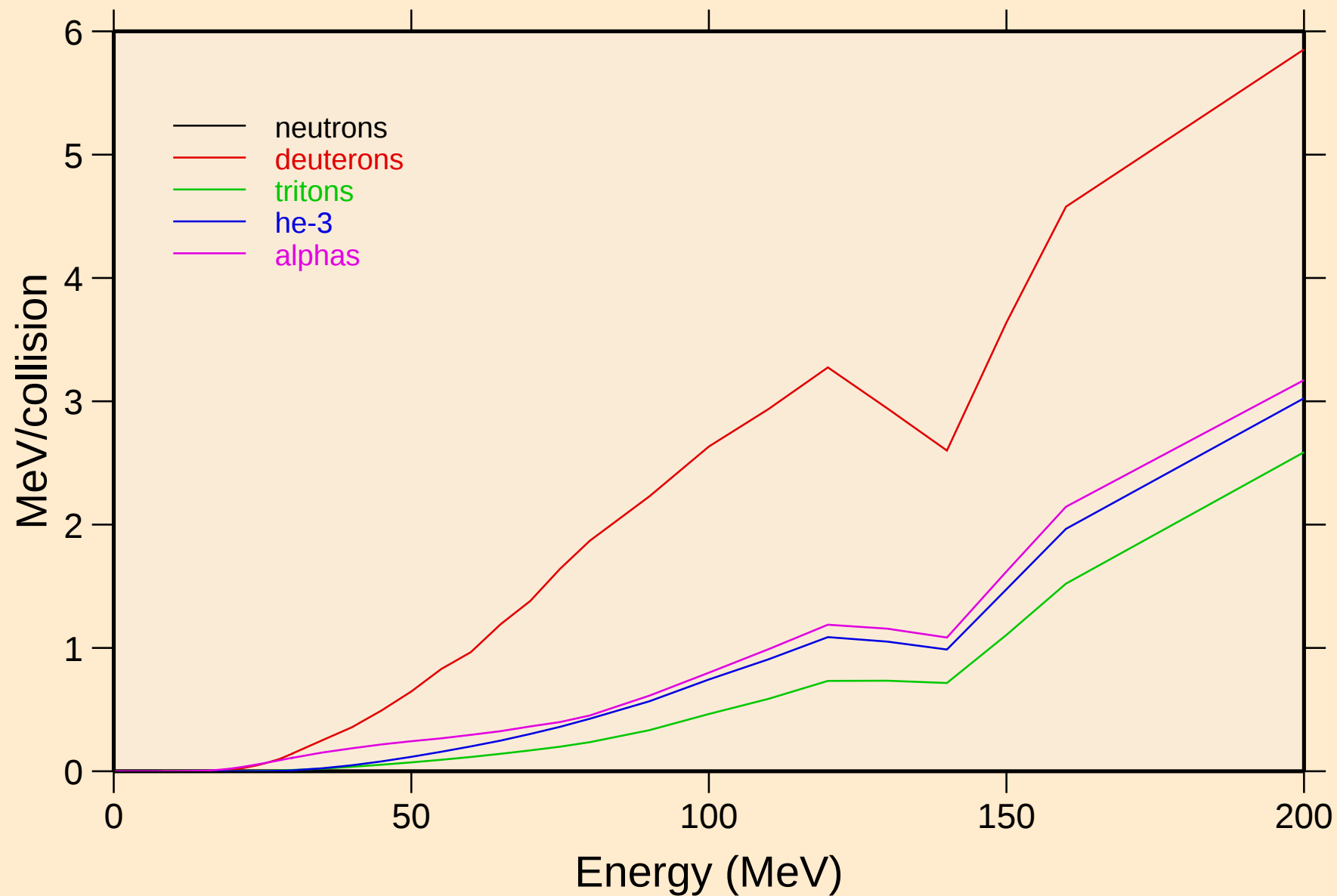
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

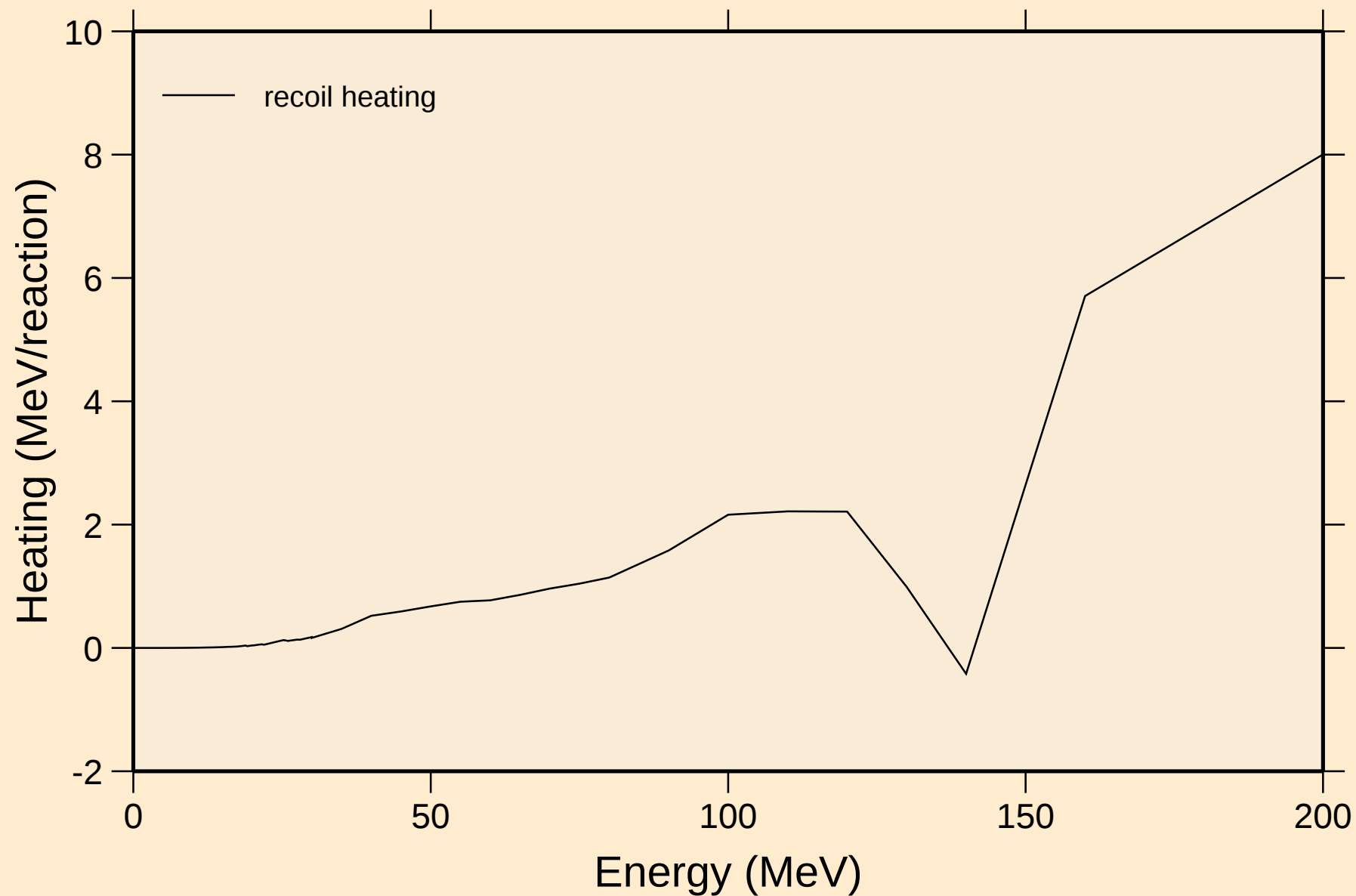


NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



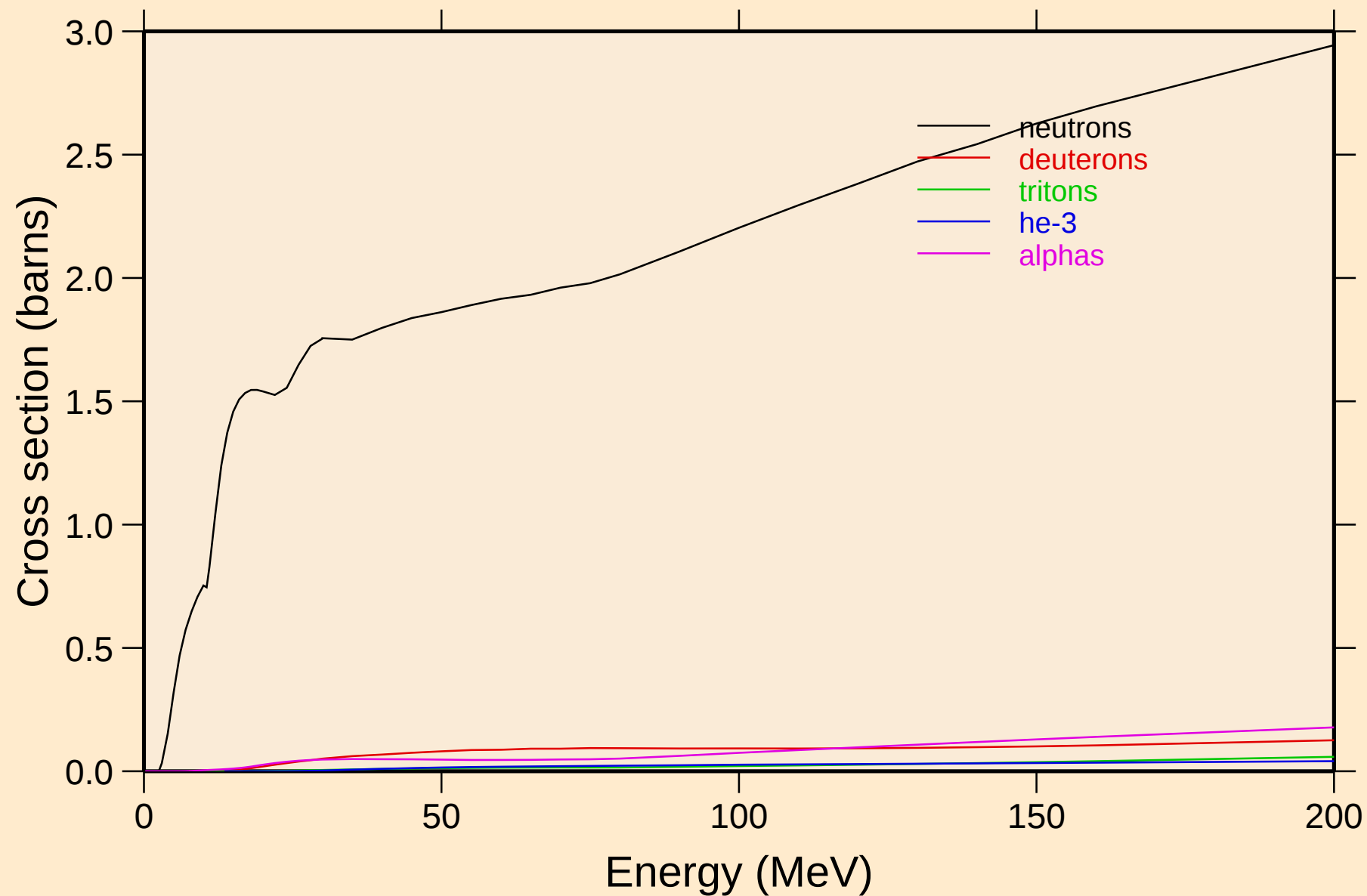
# NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

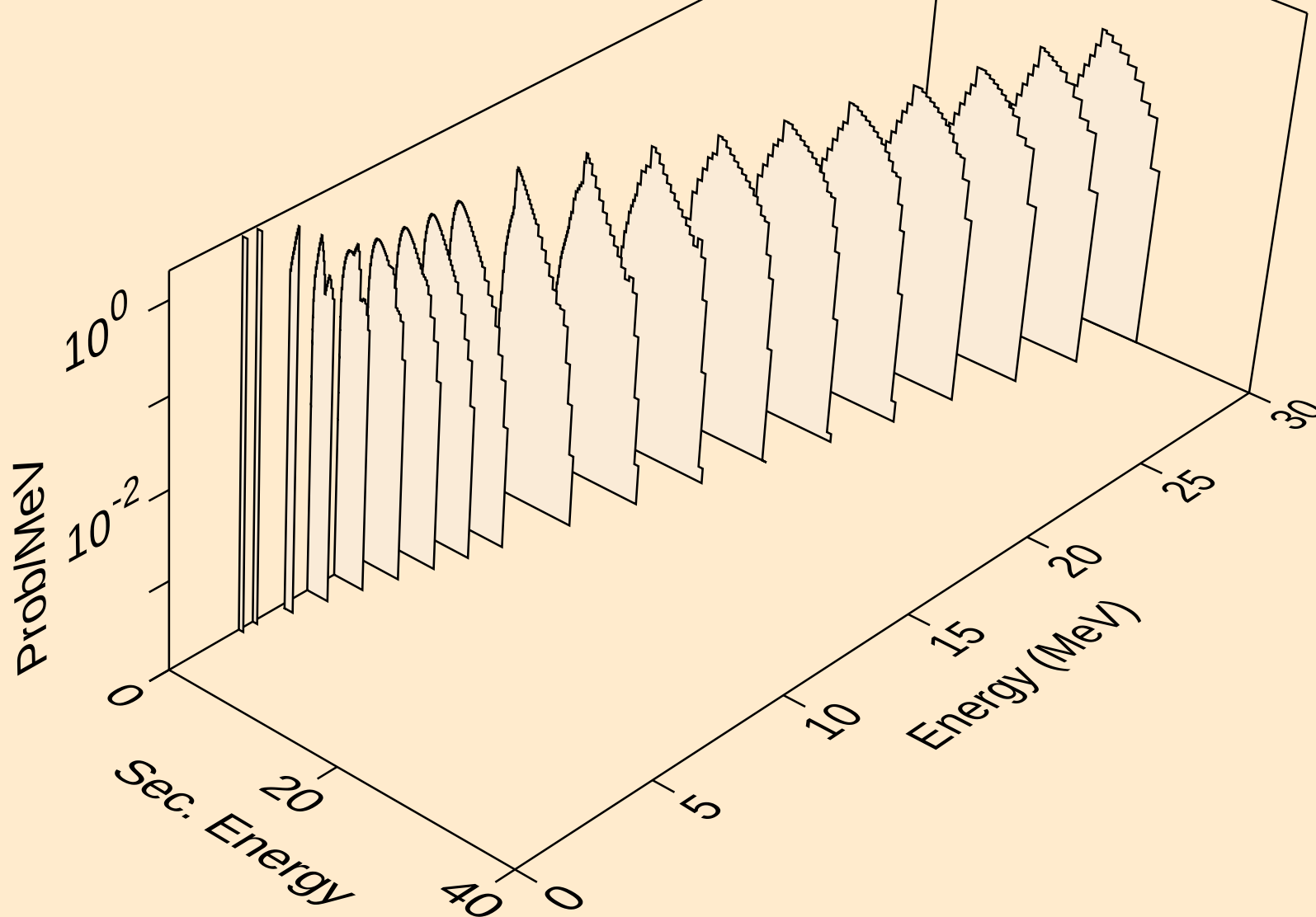


# NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K

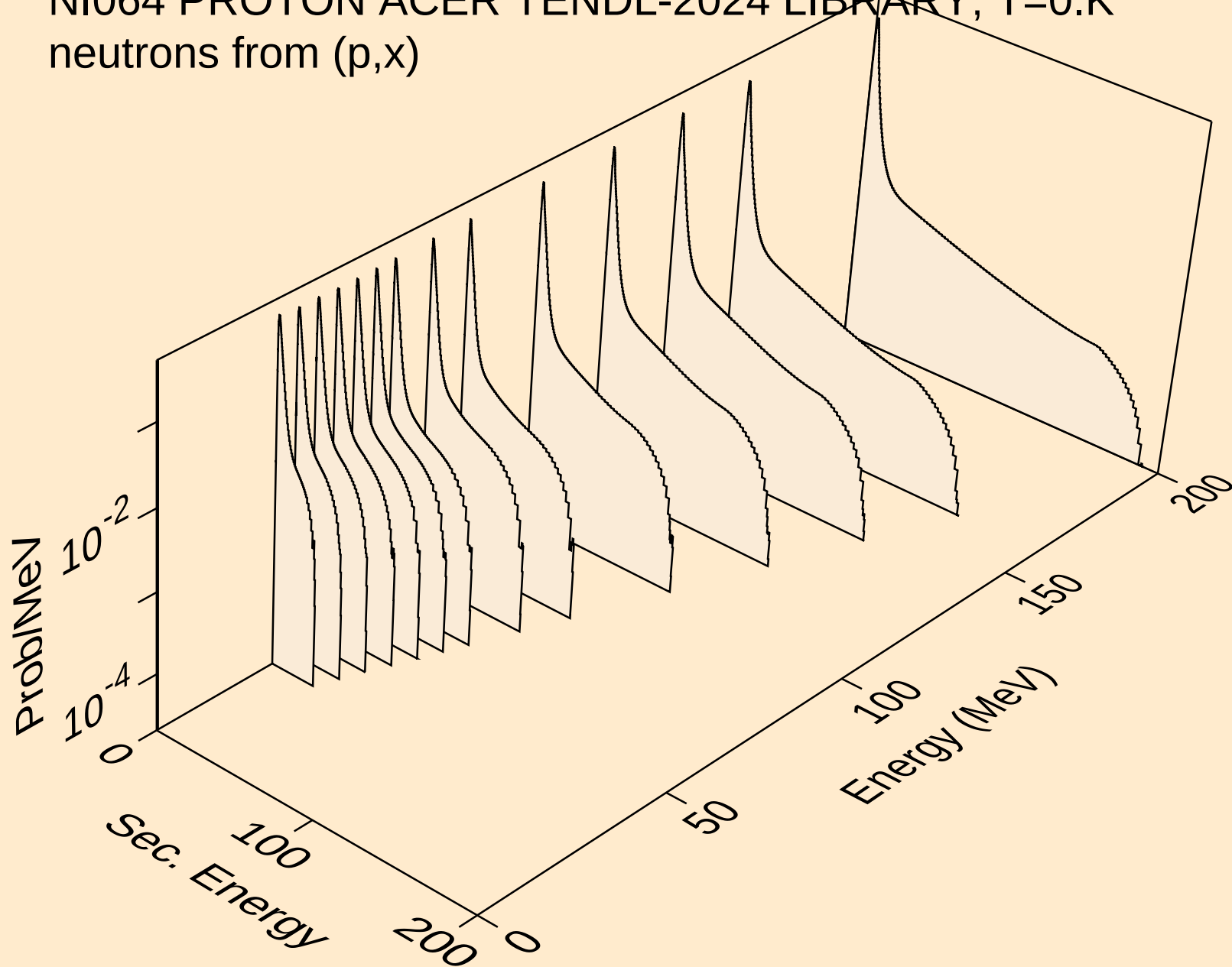
## Particle production cross sections



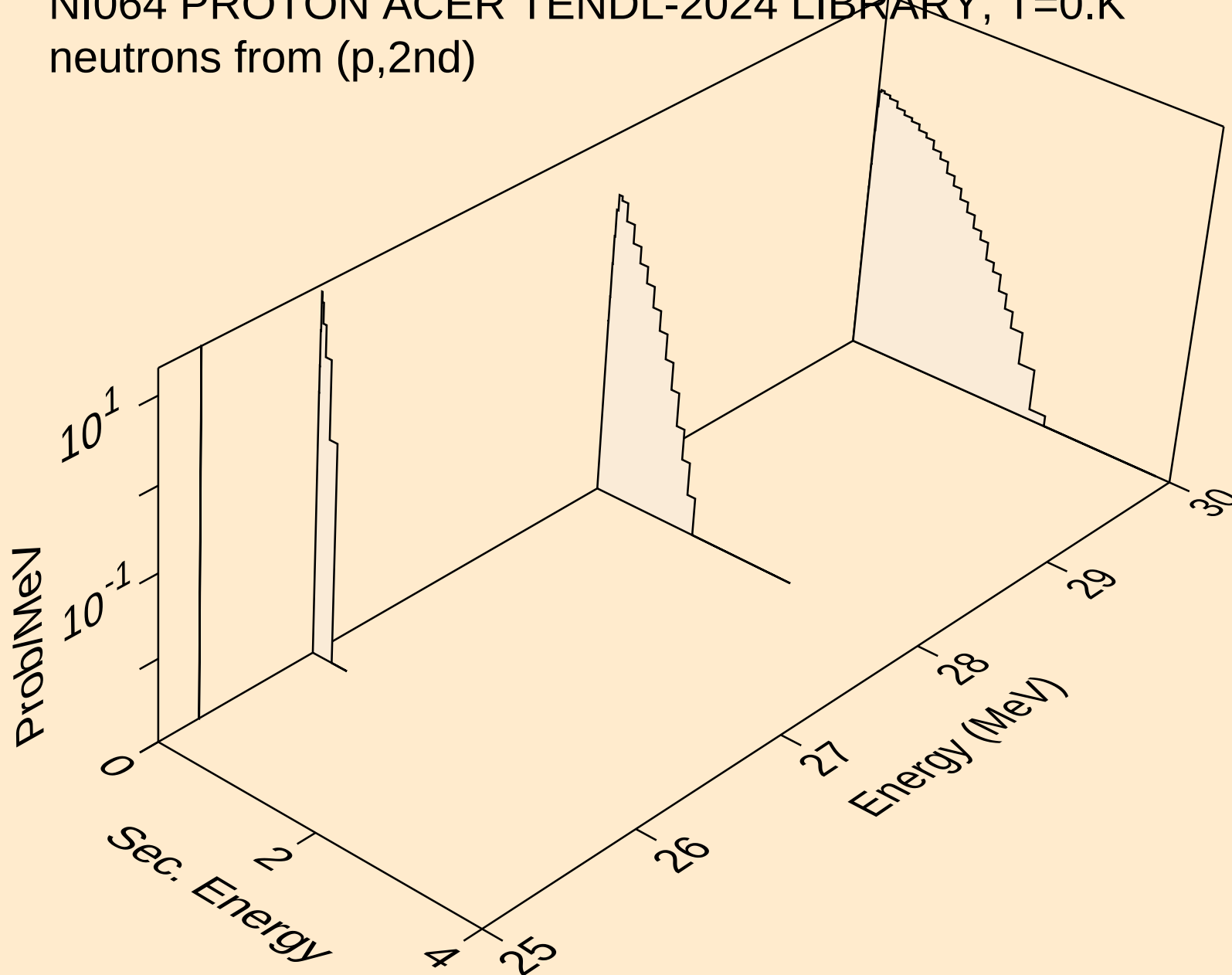
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



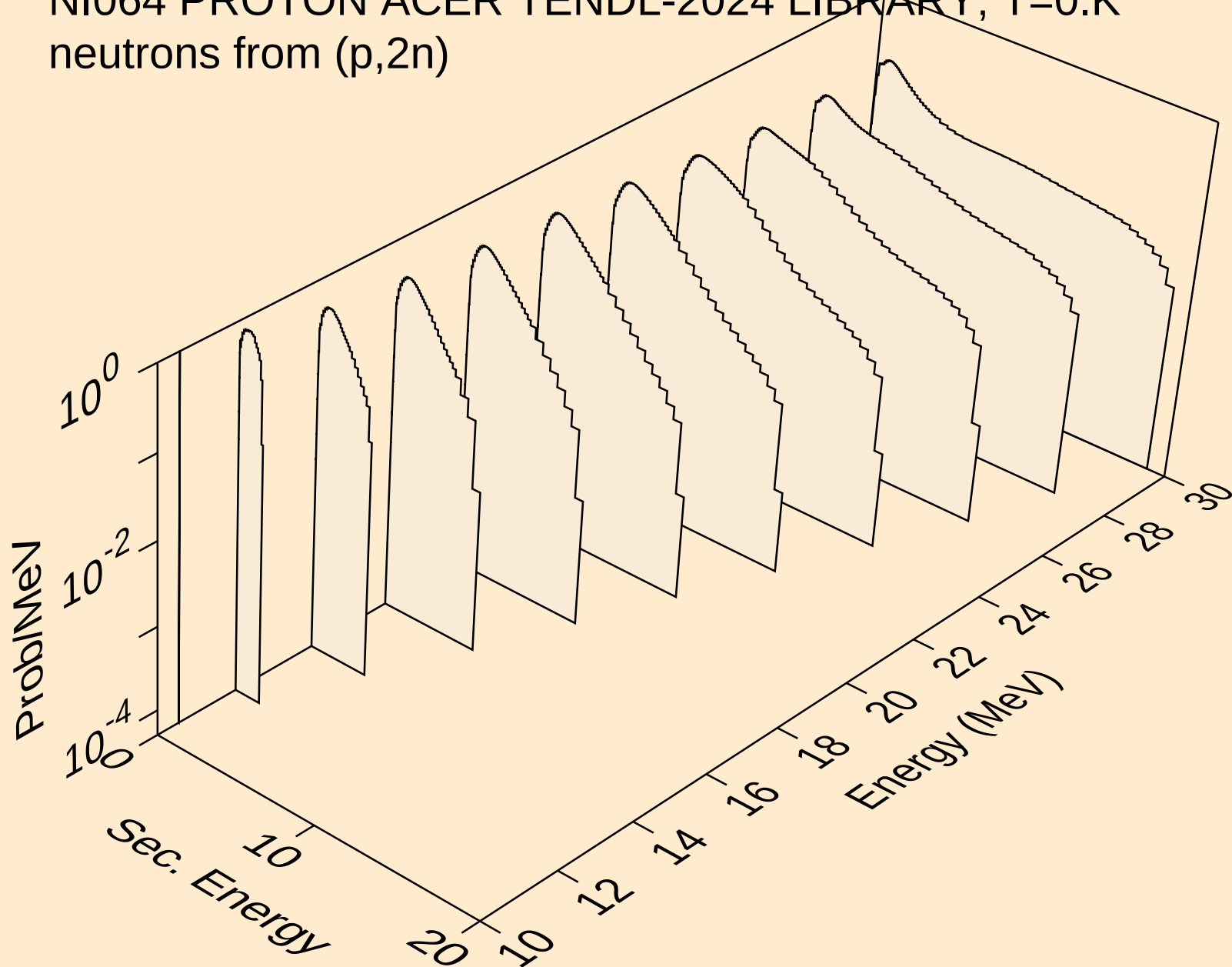
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



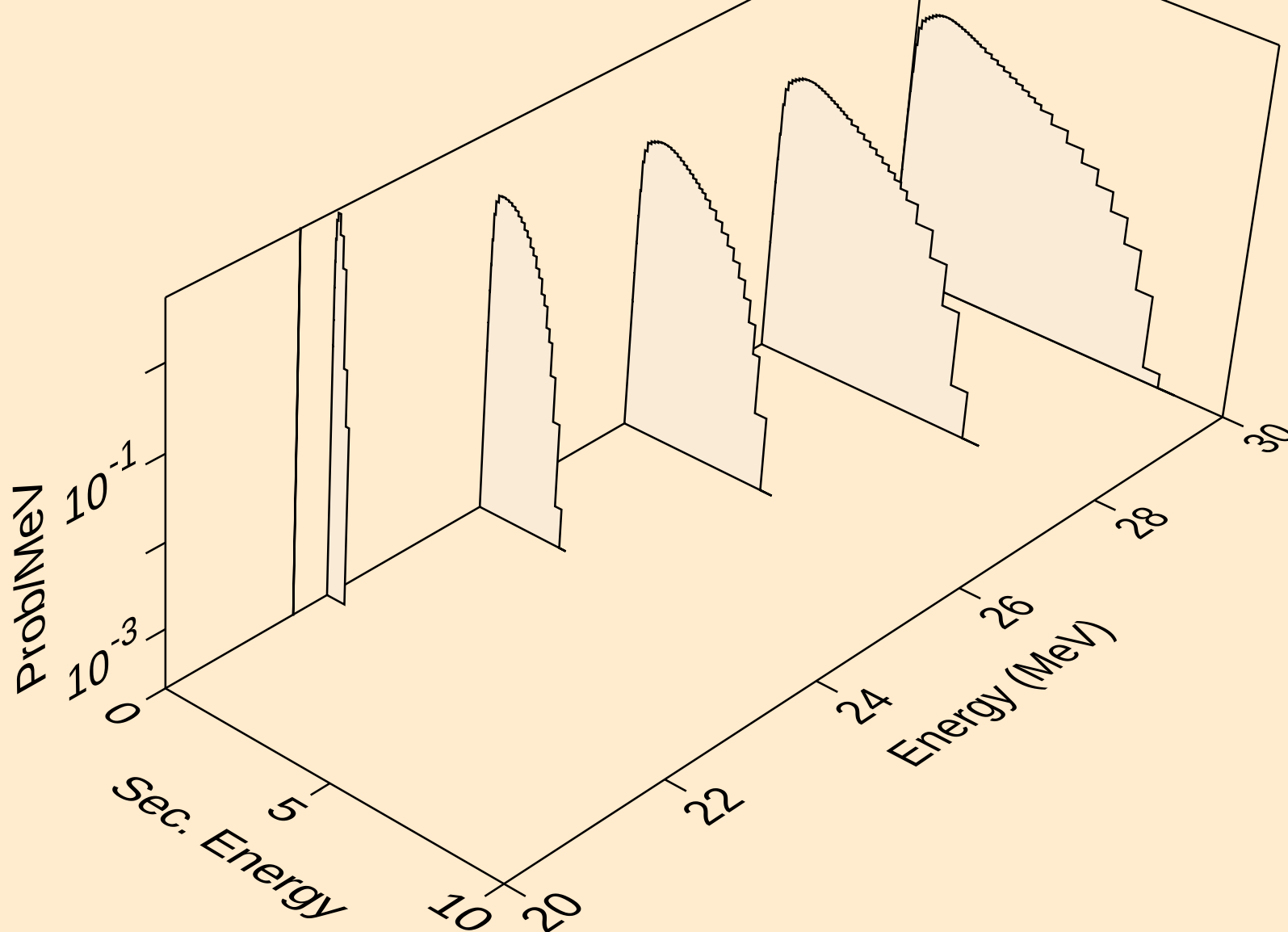
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2nd)



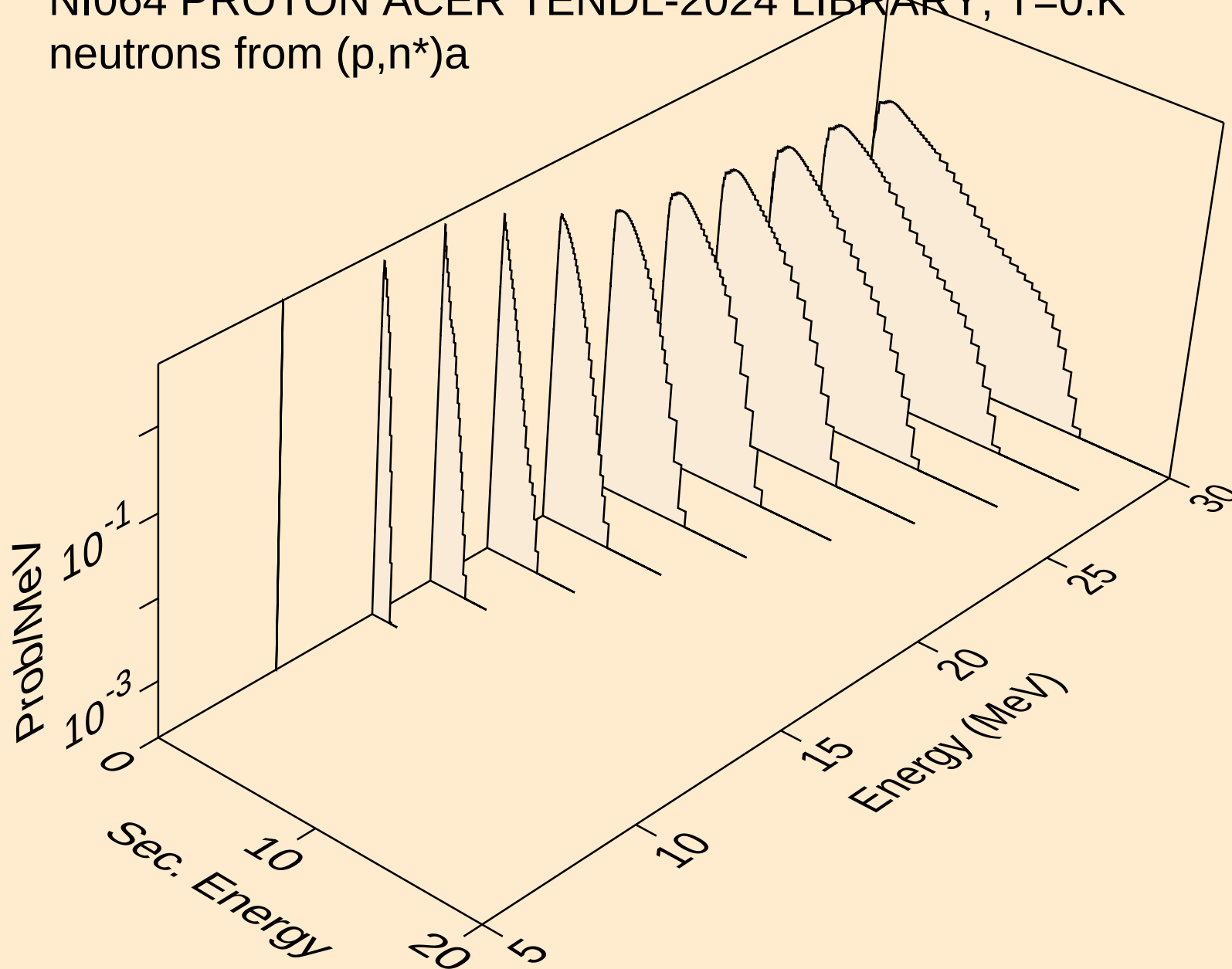
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



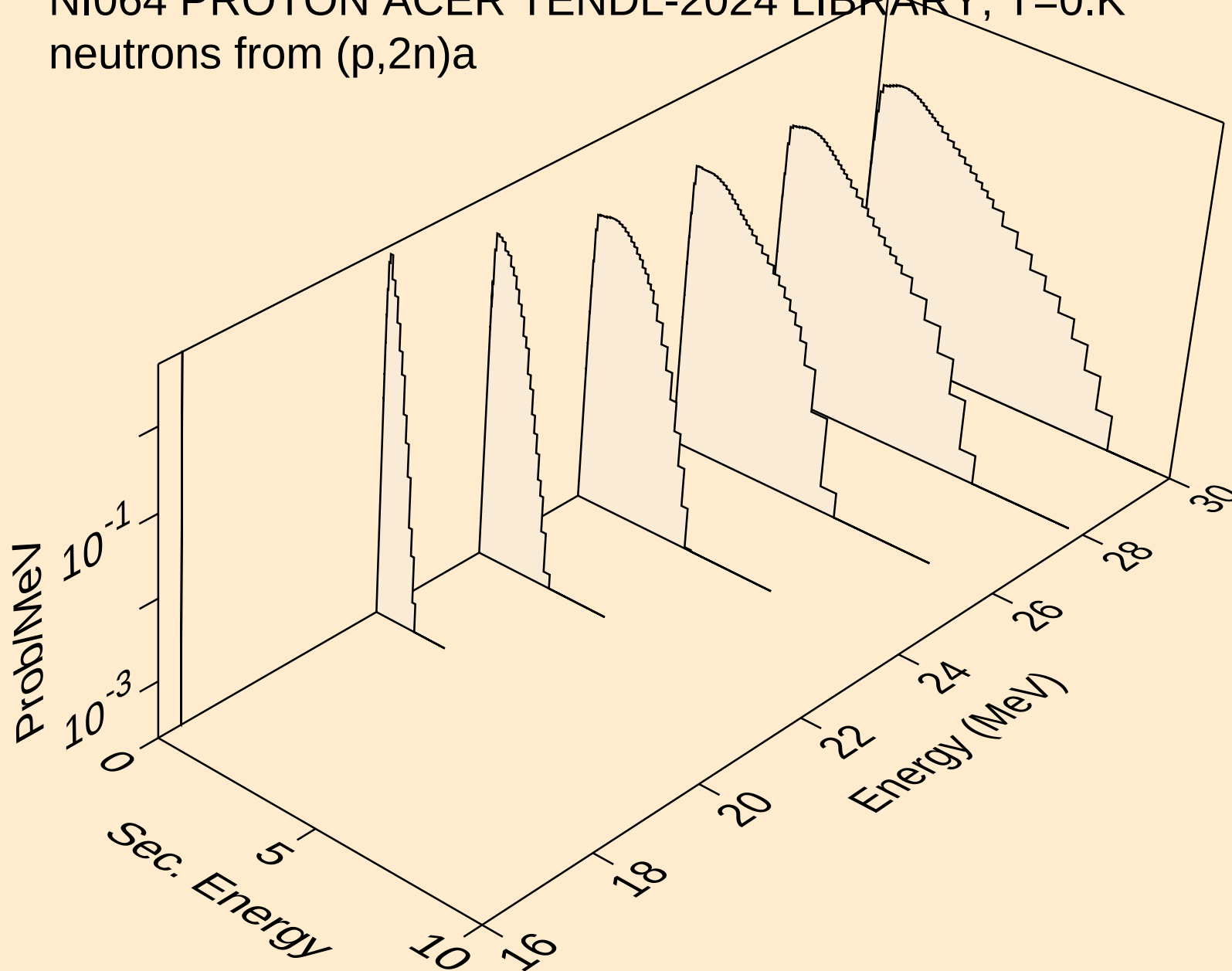
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



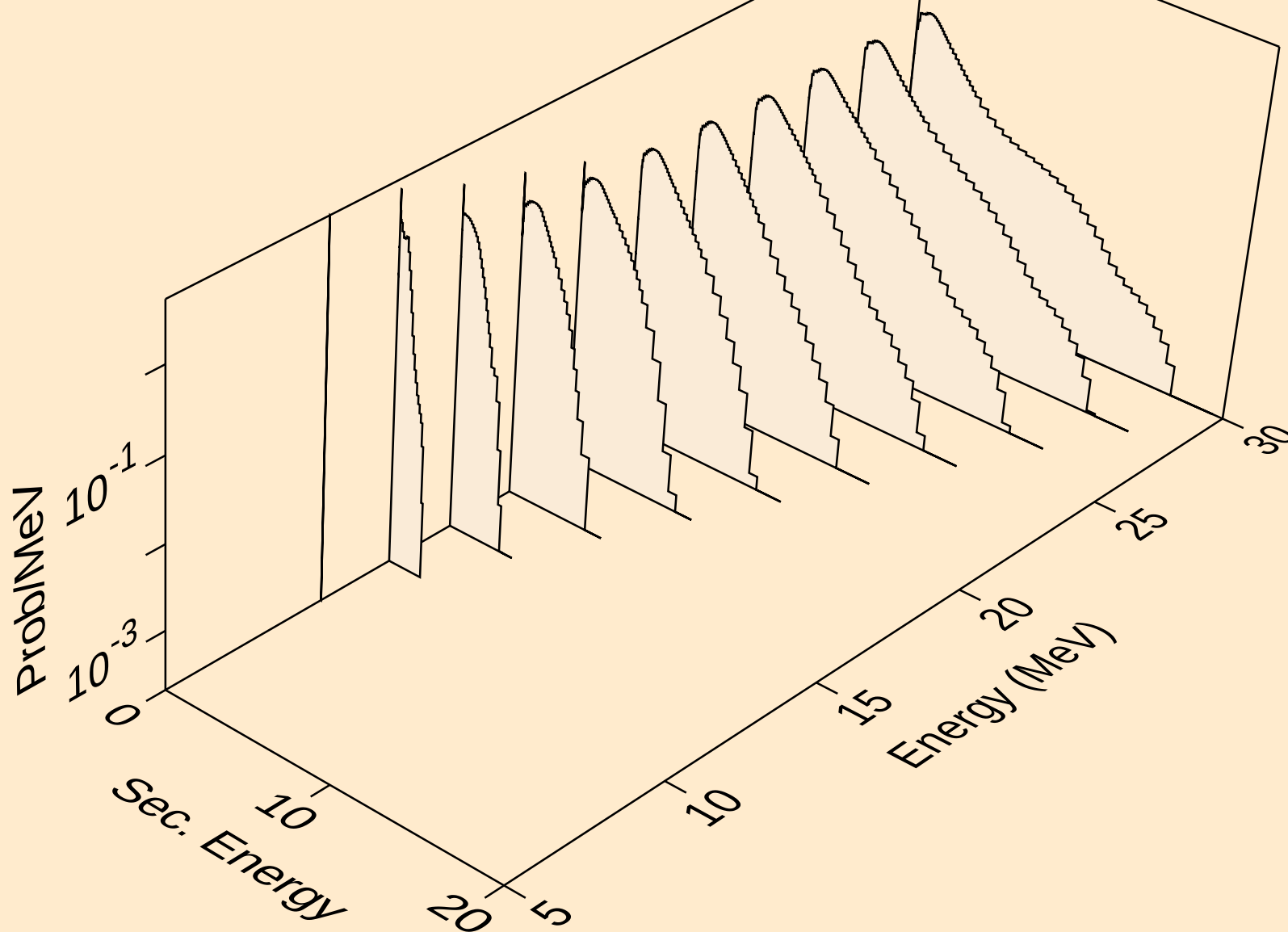
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



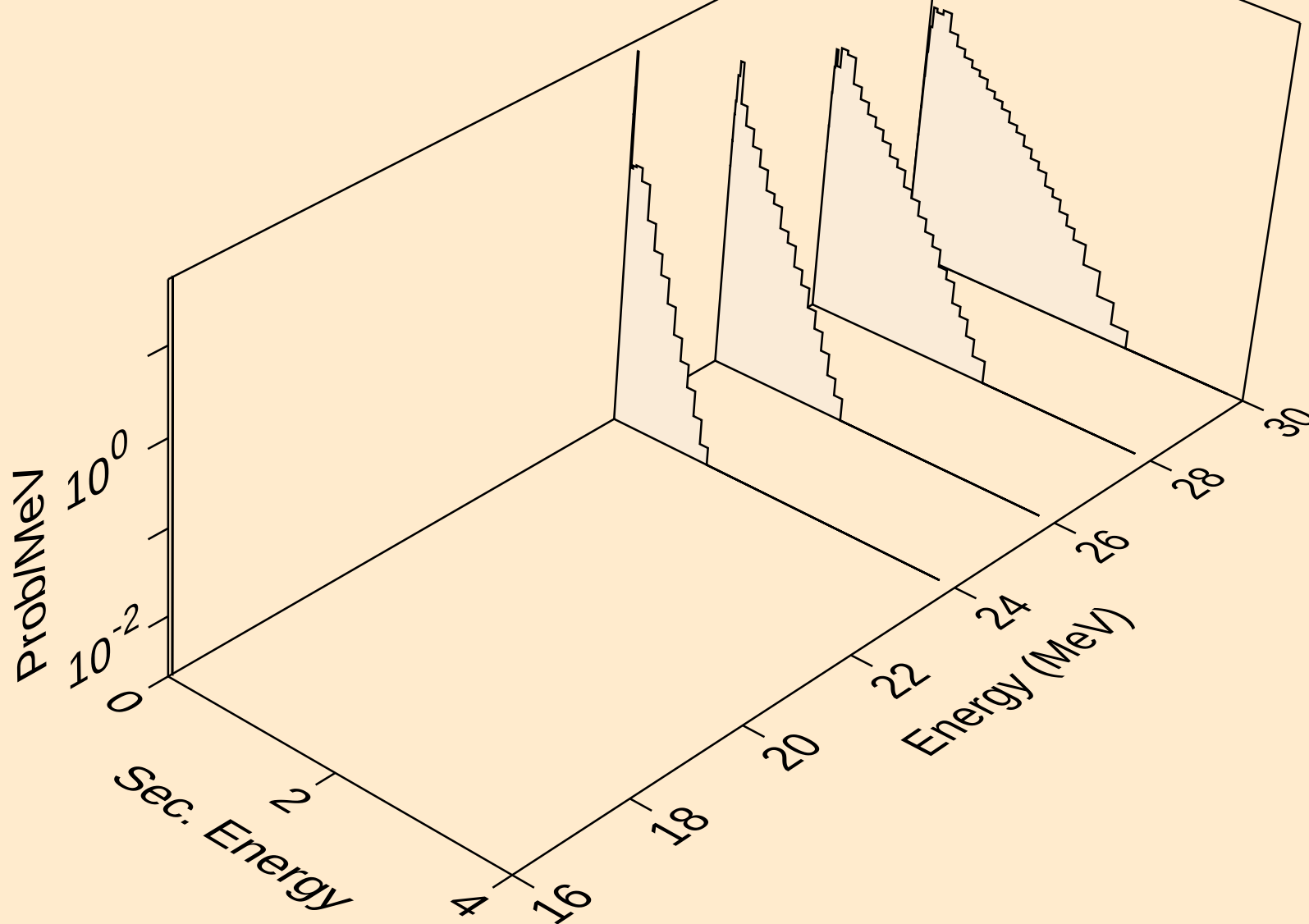
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)a



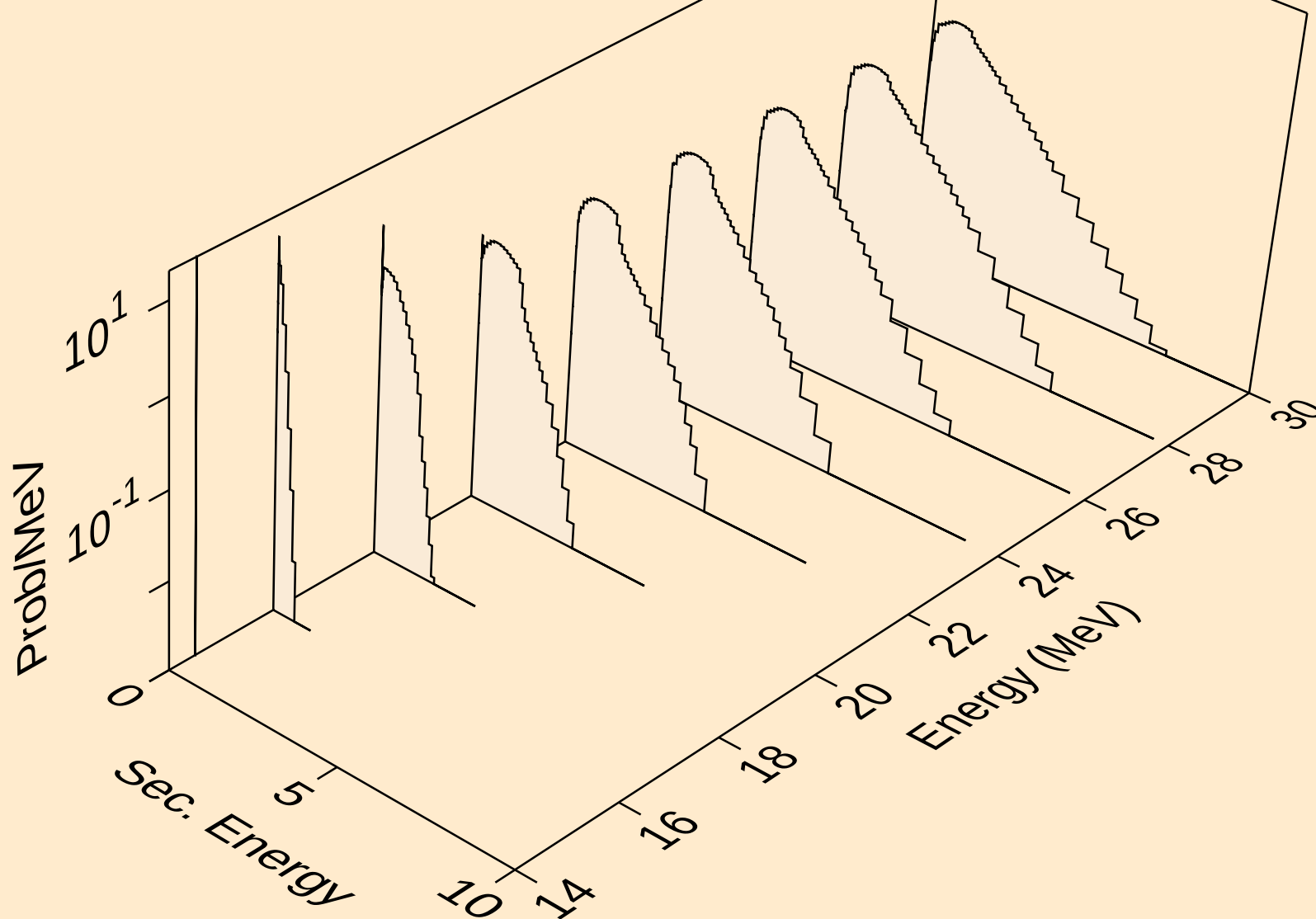
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



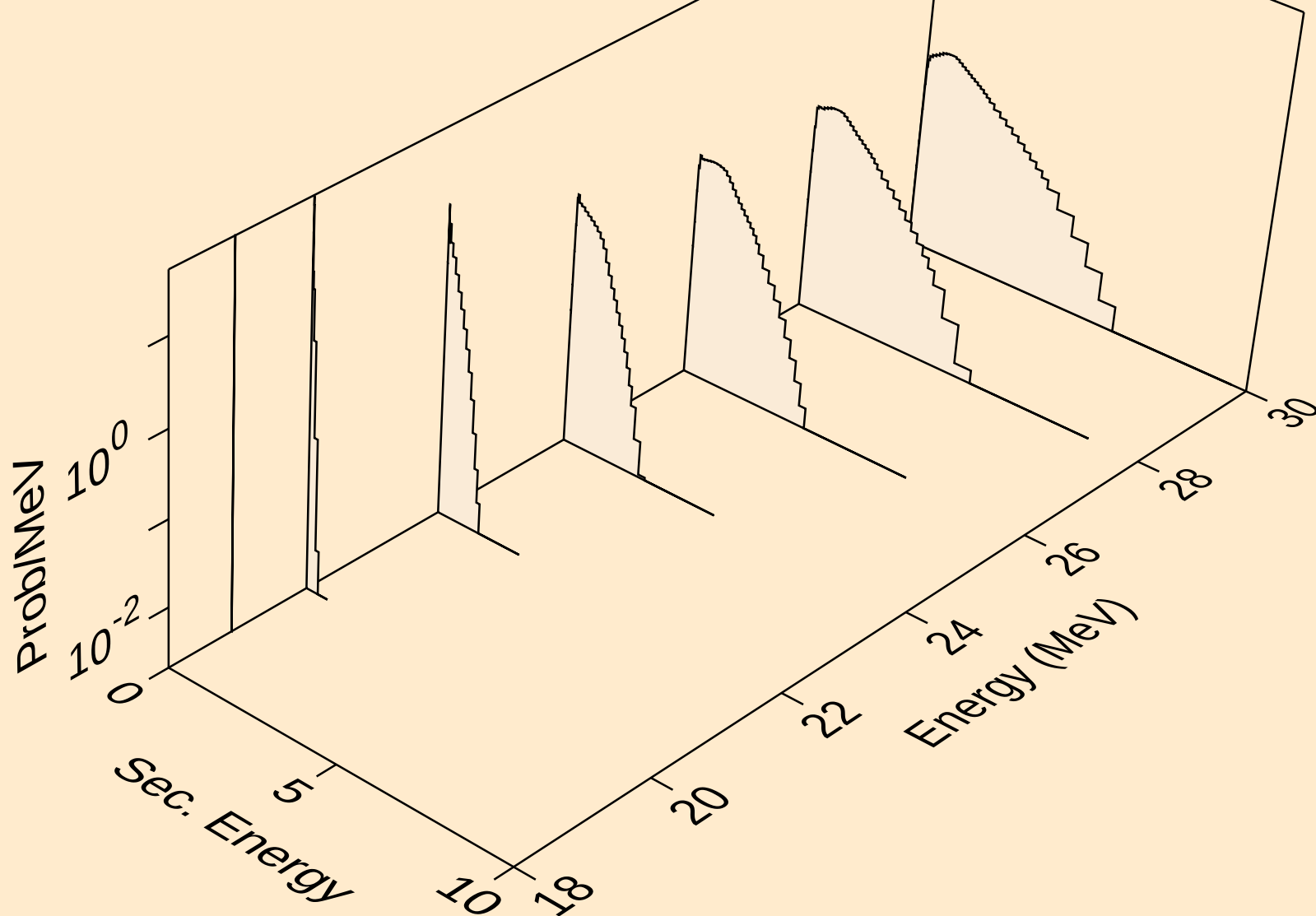
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



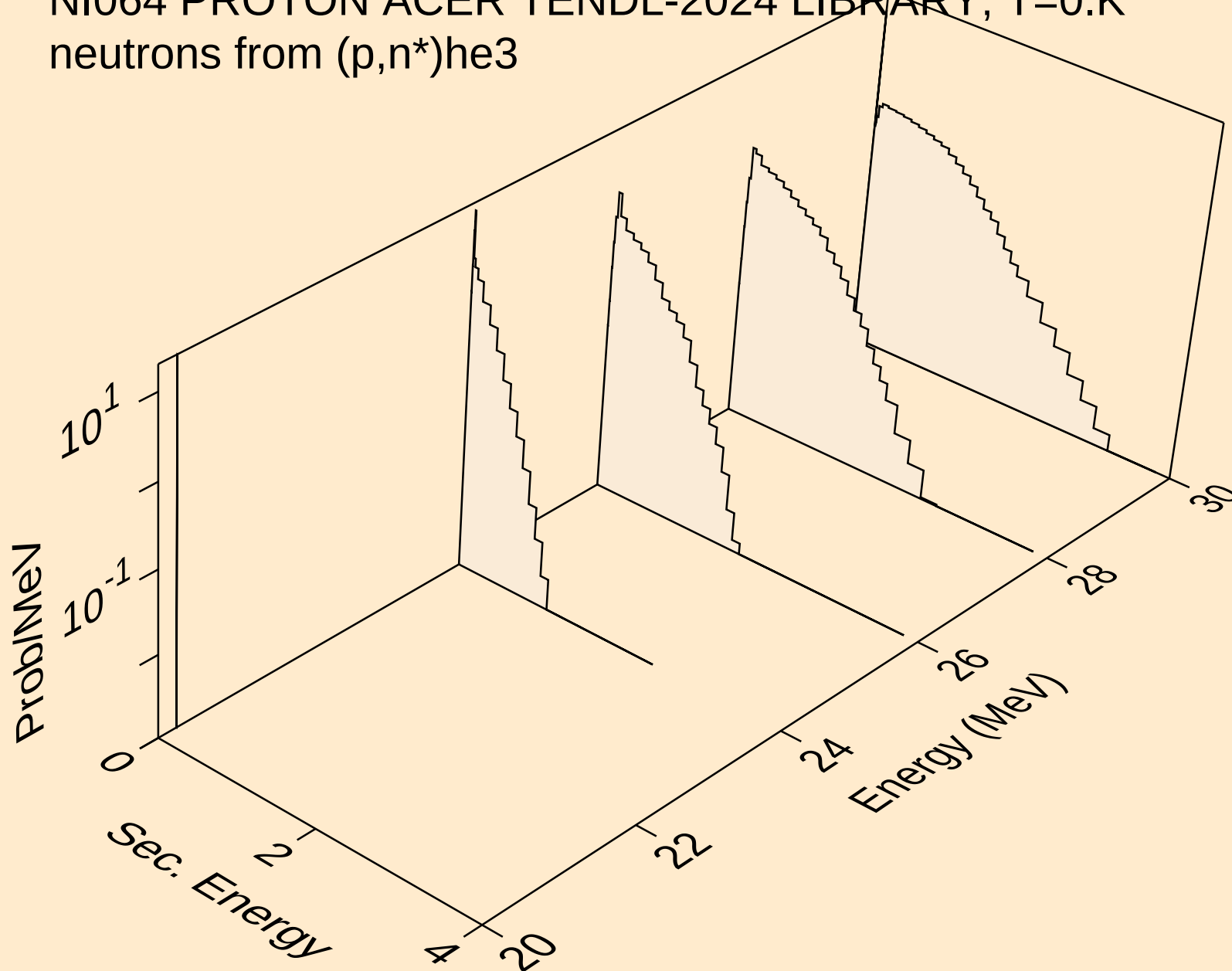
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)d



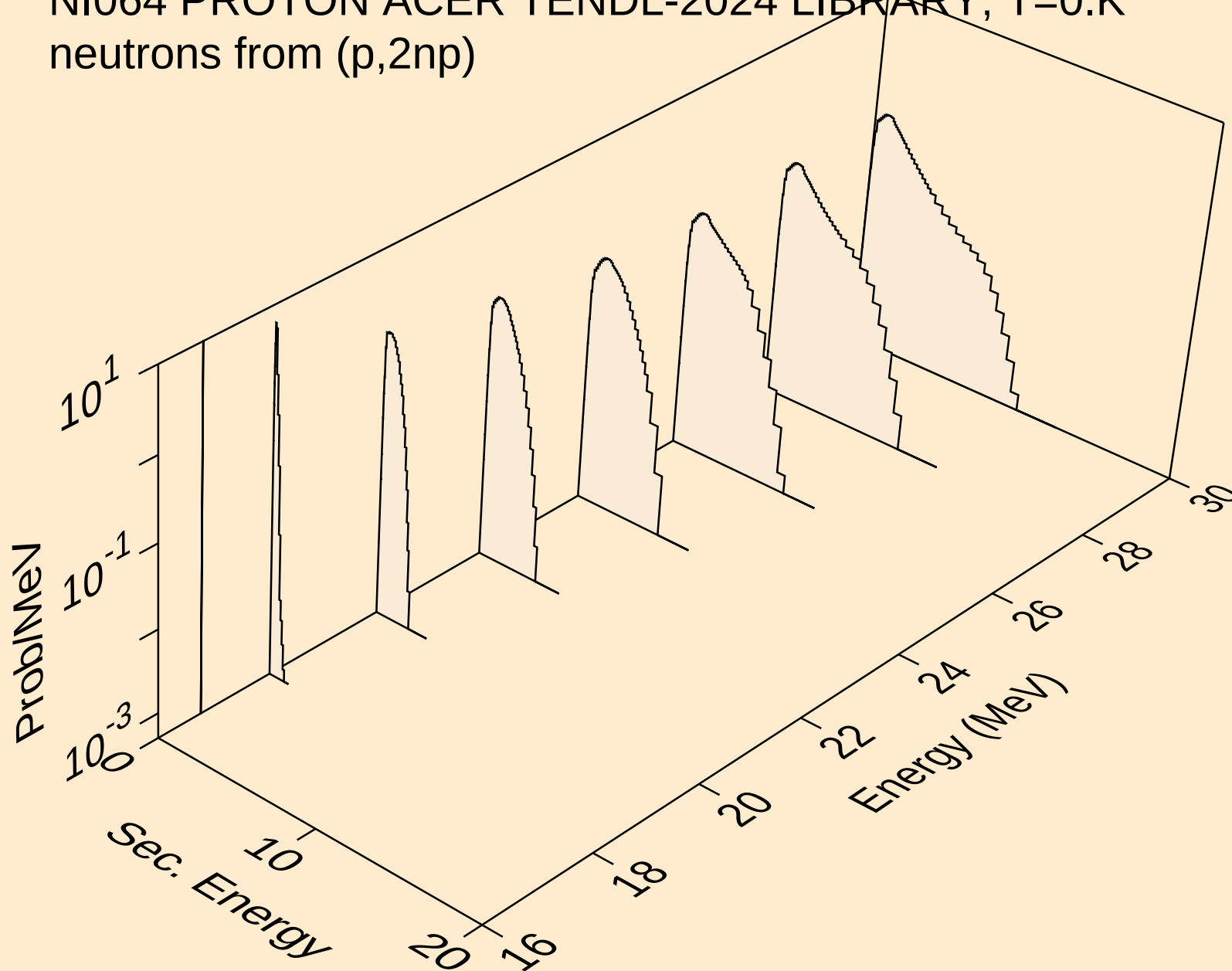
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)t



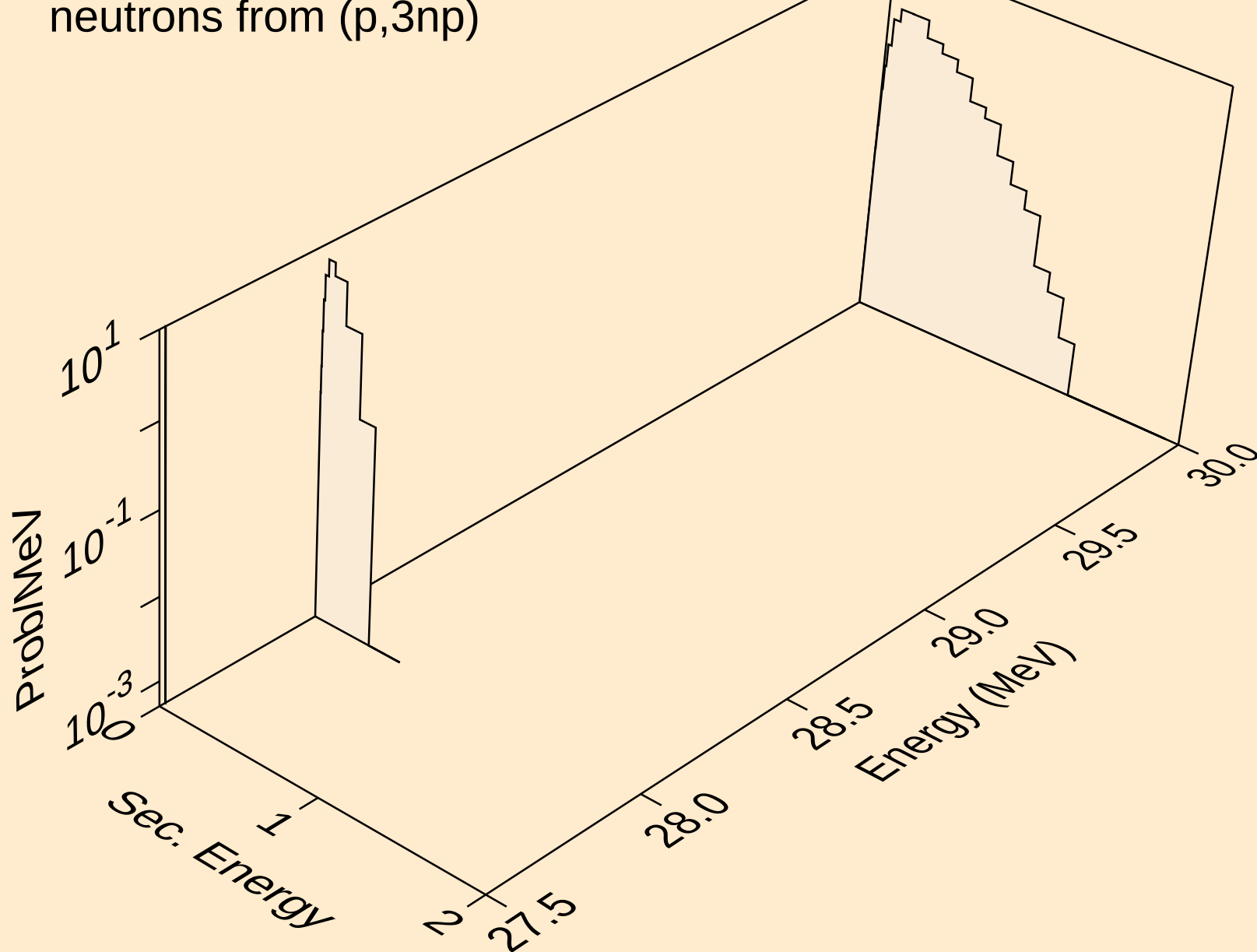
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



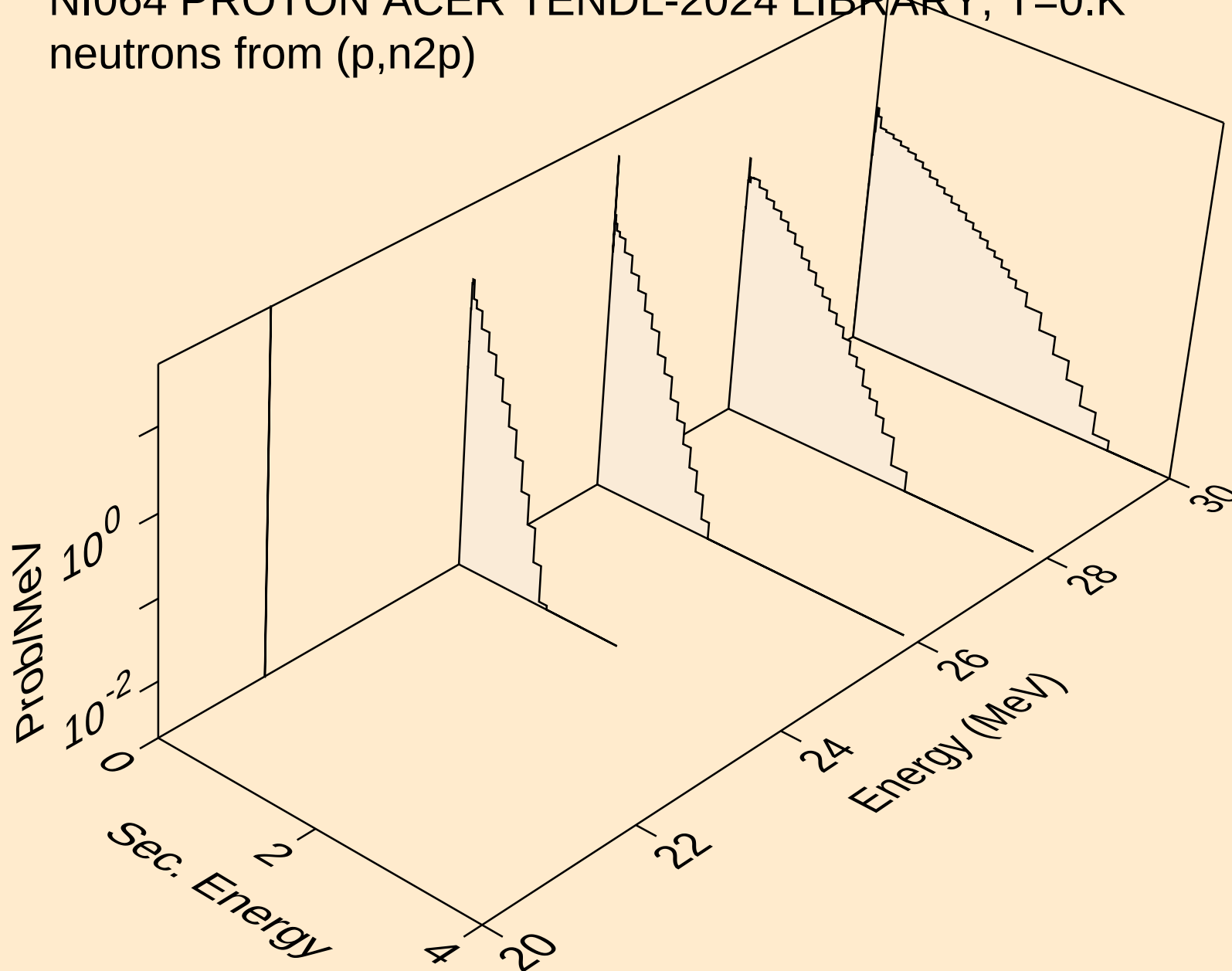
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2np)



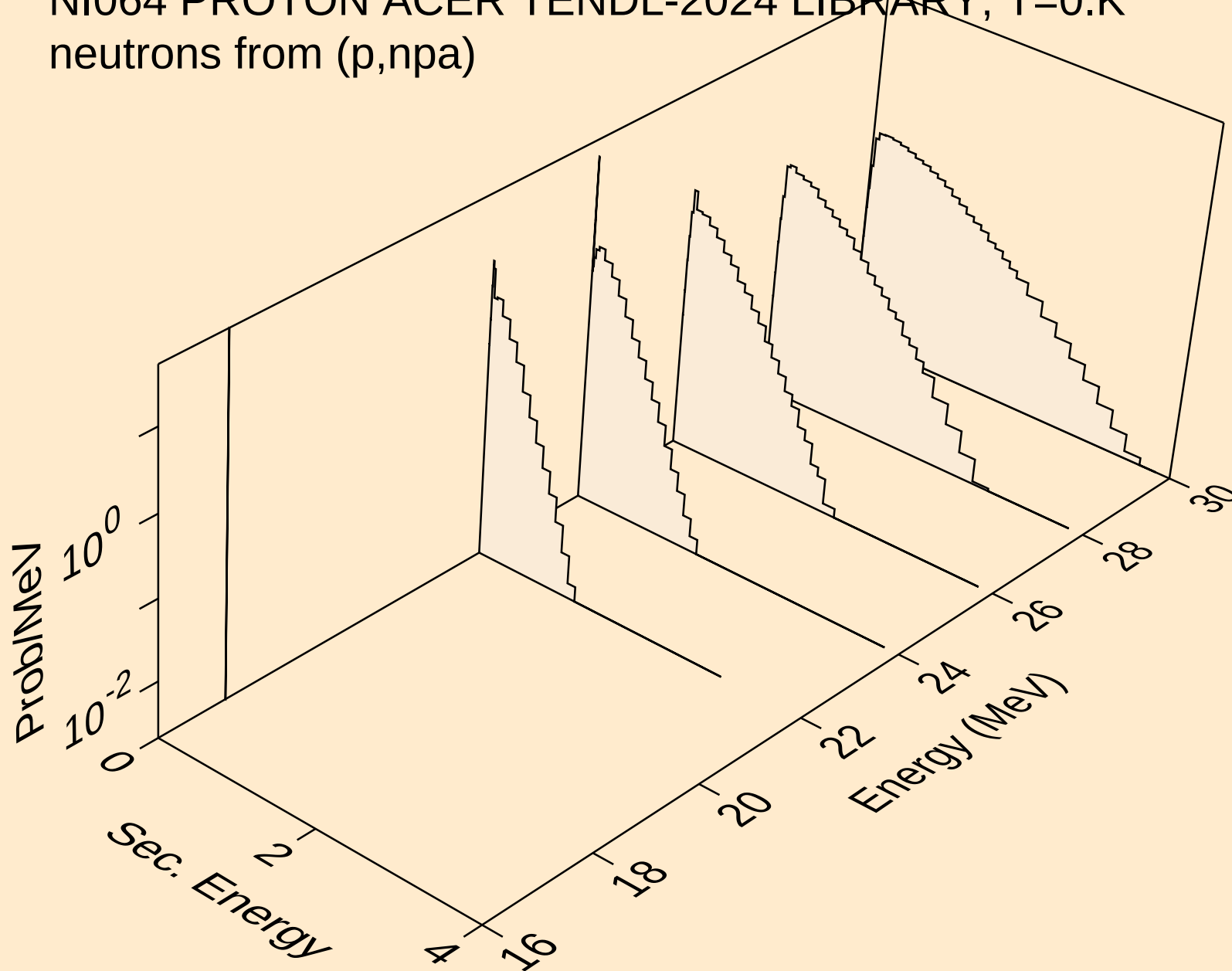
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3np)



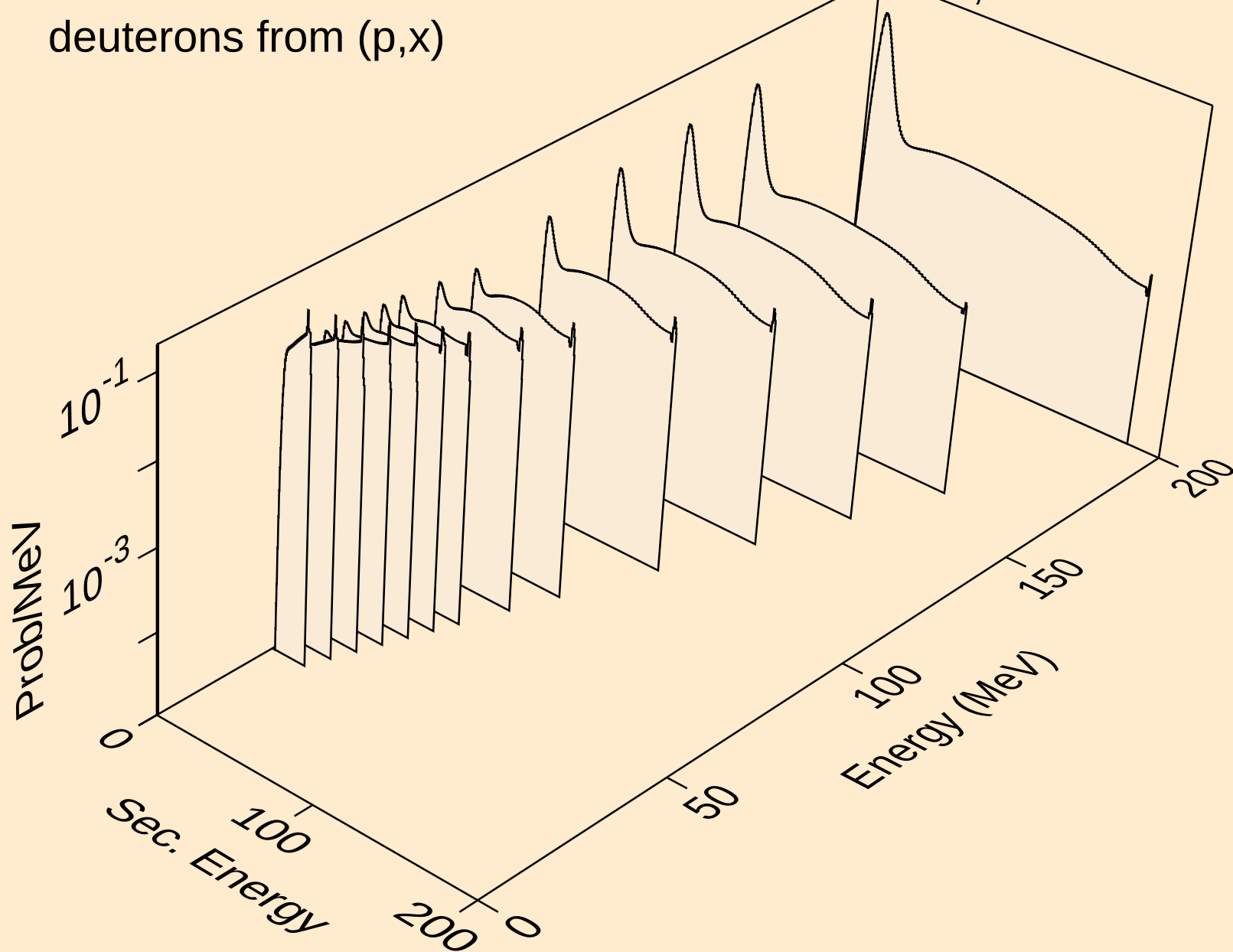
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n2p)



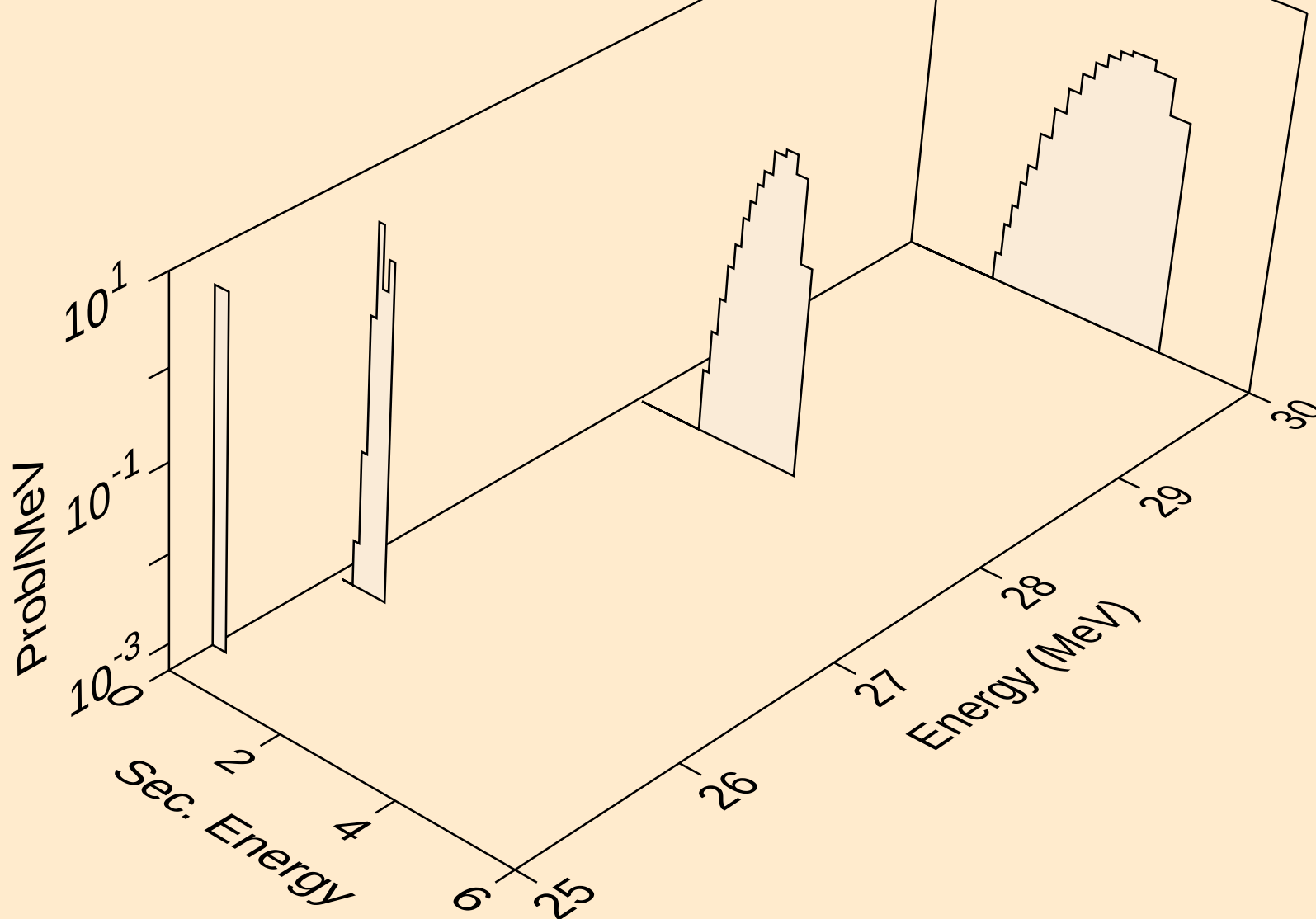
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,npa)



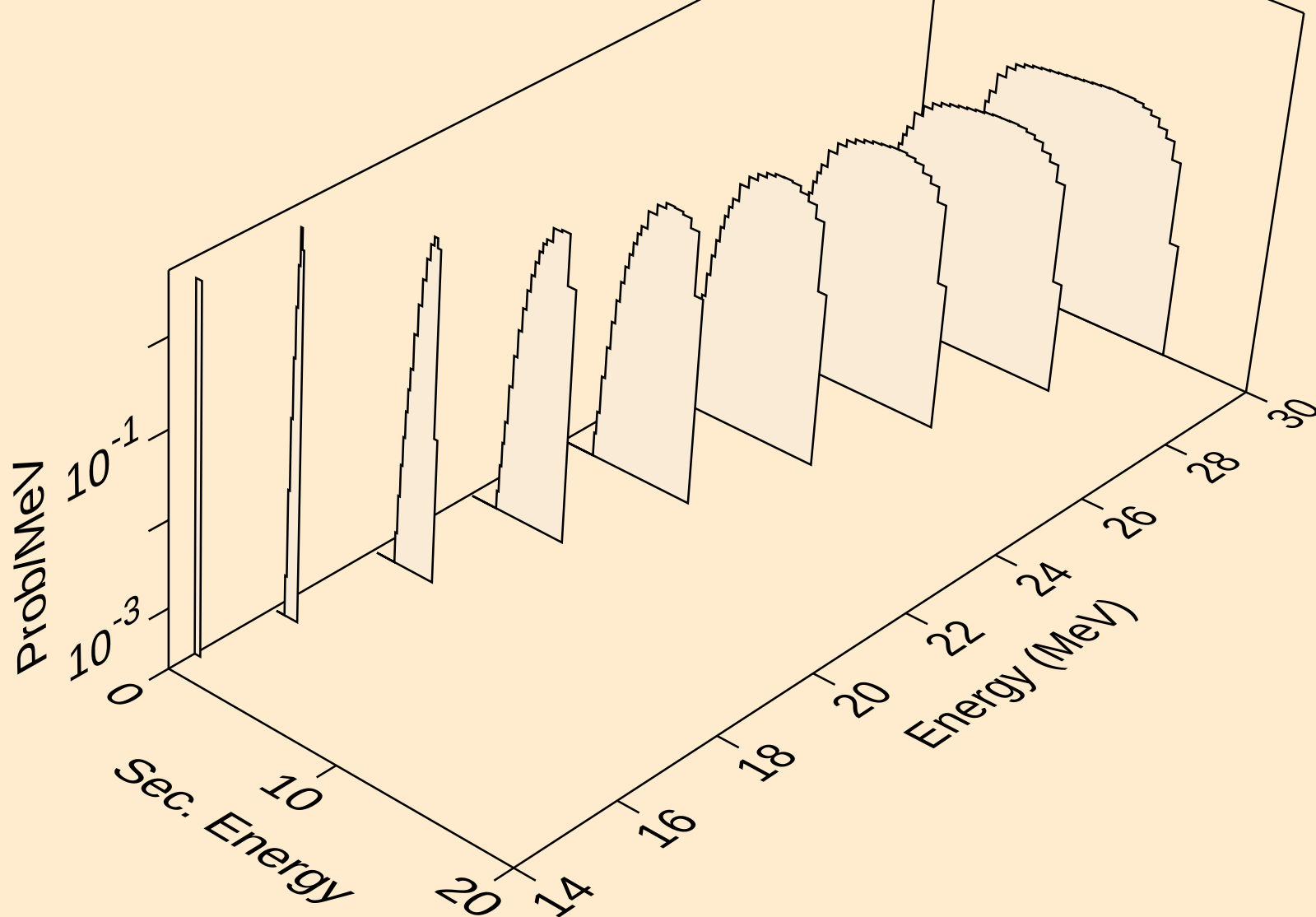
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



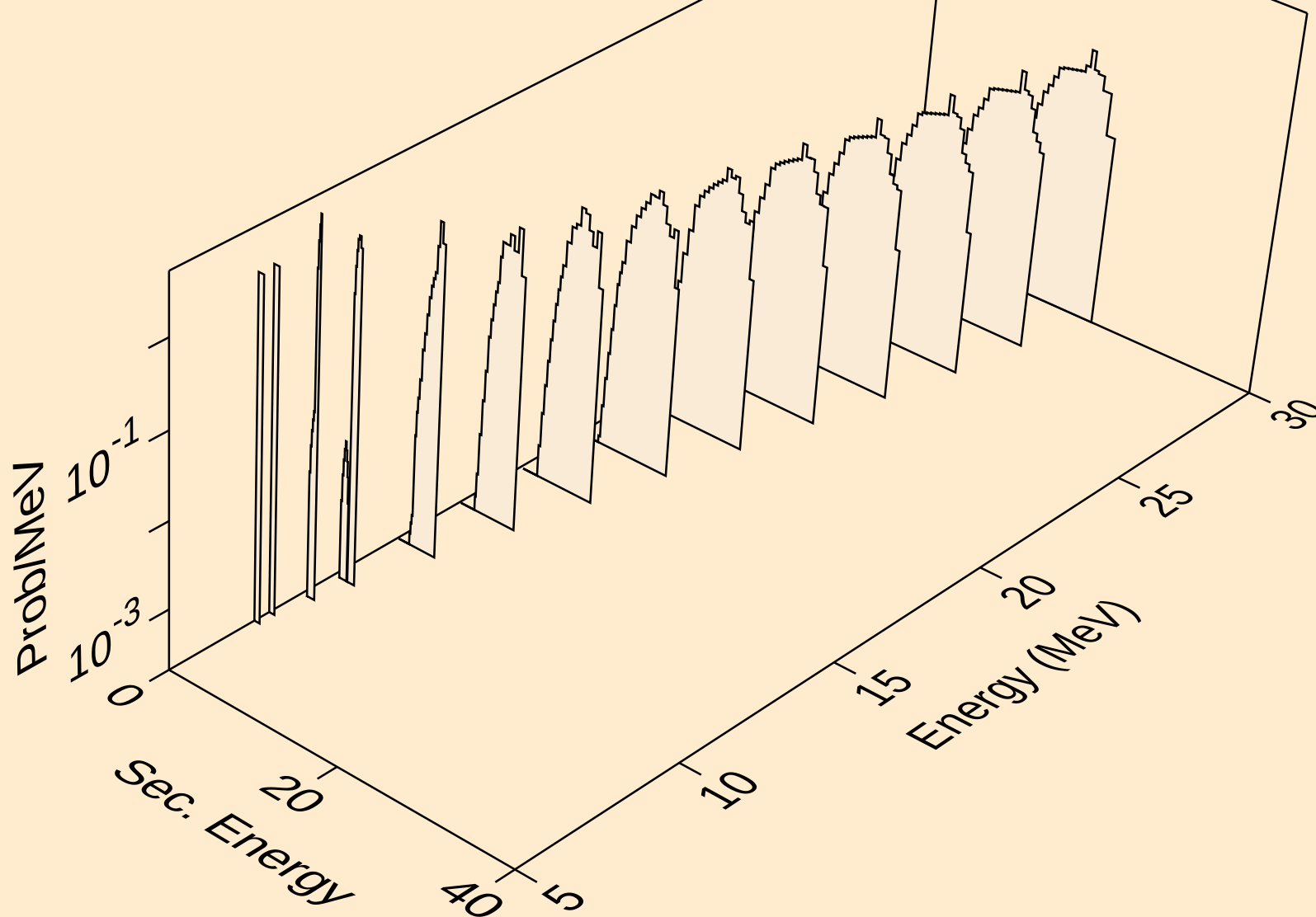
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,2nd)



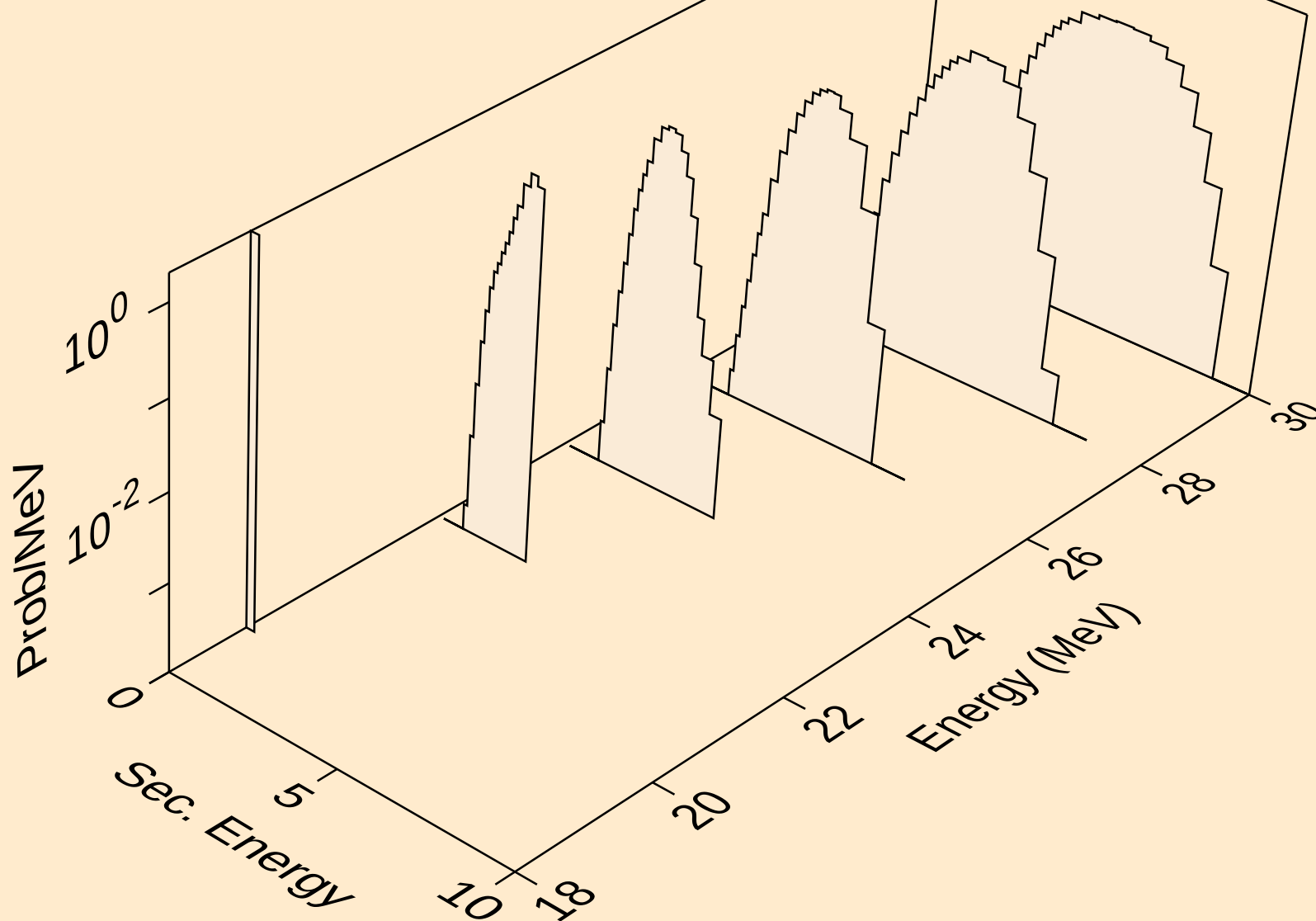
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,n\*)d



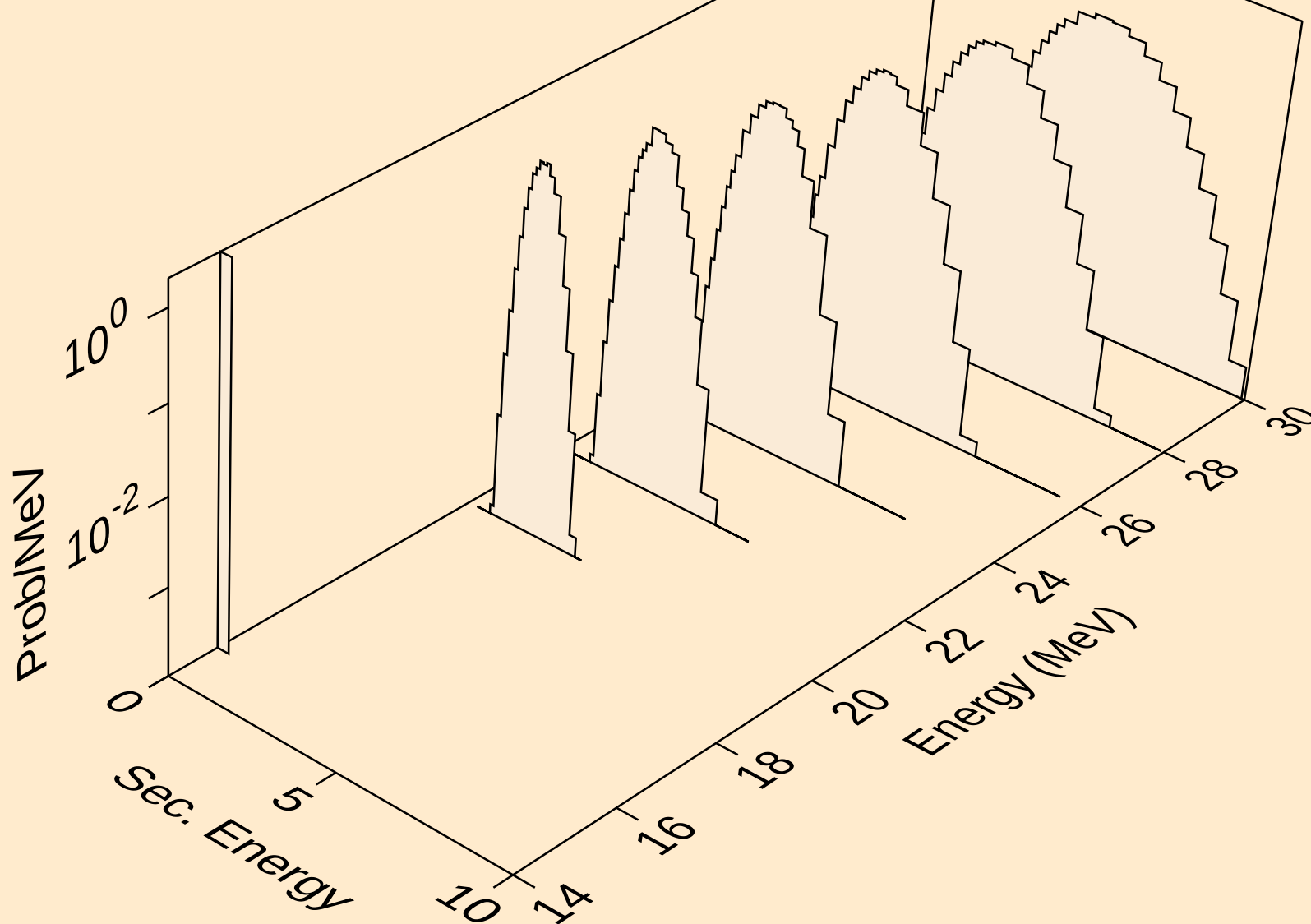
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d)



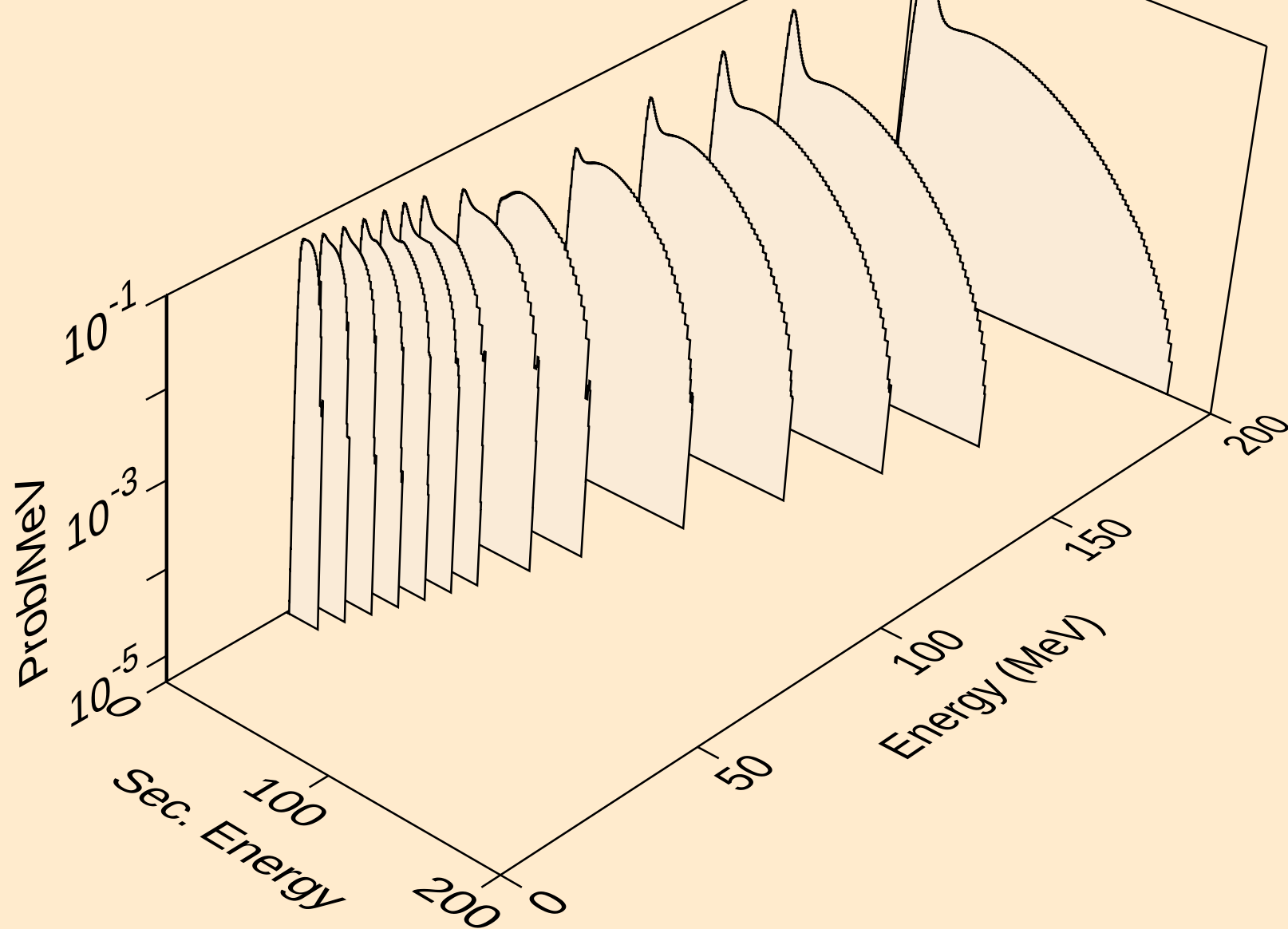
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,pd)



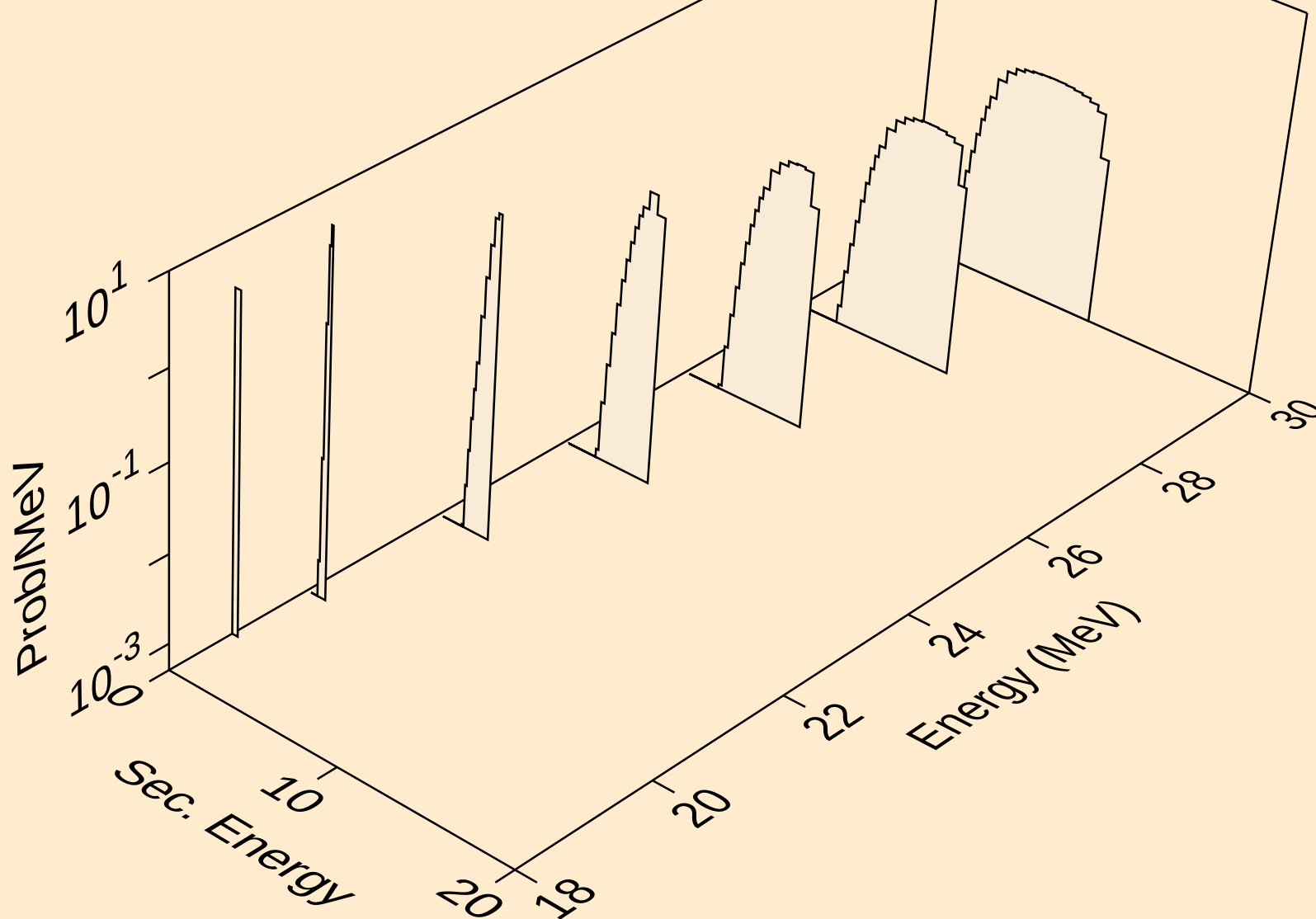
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,da)



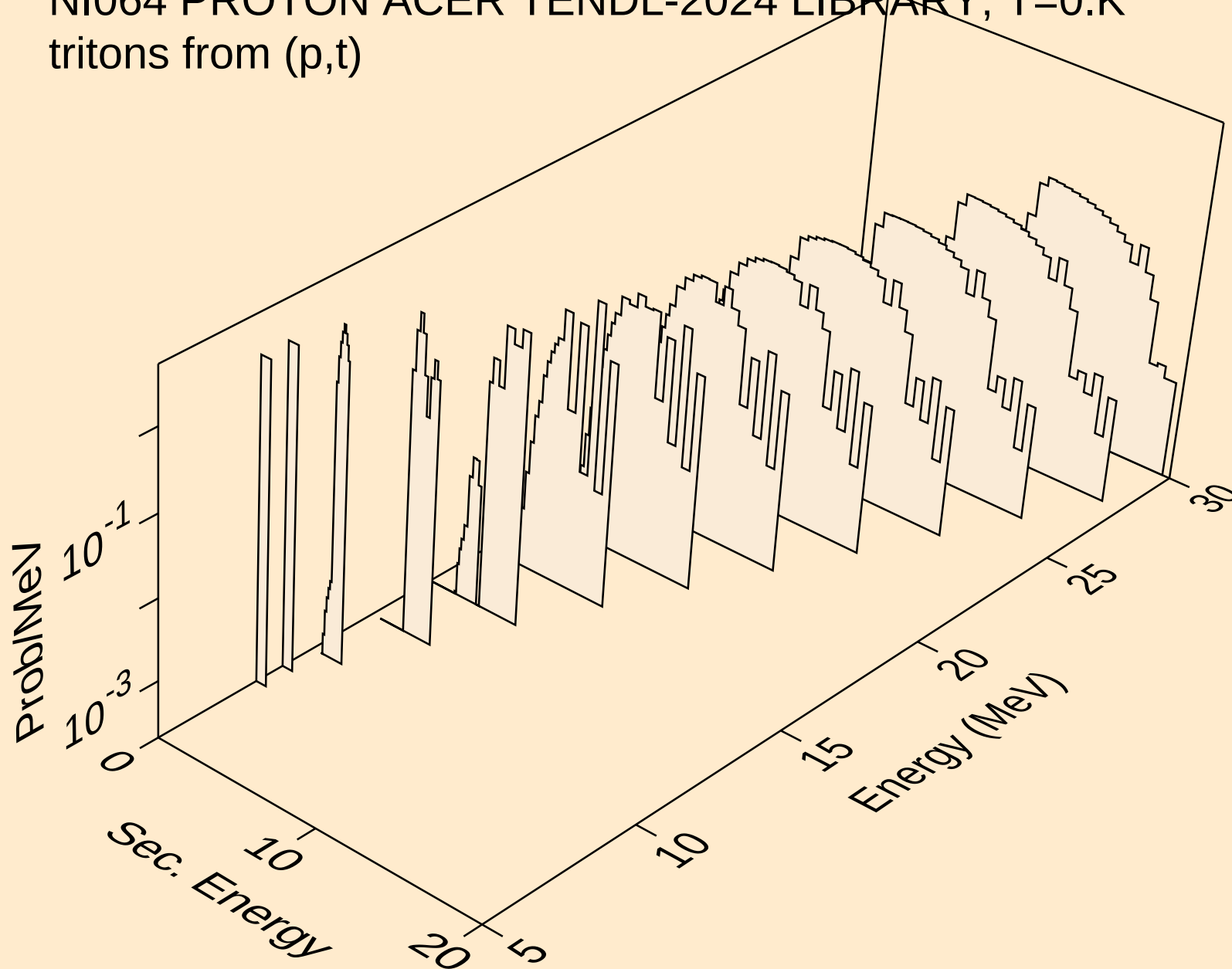
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



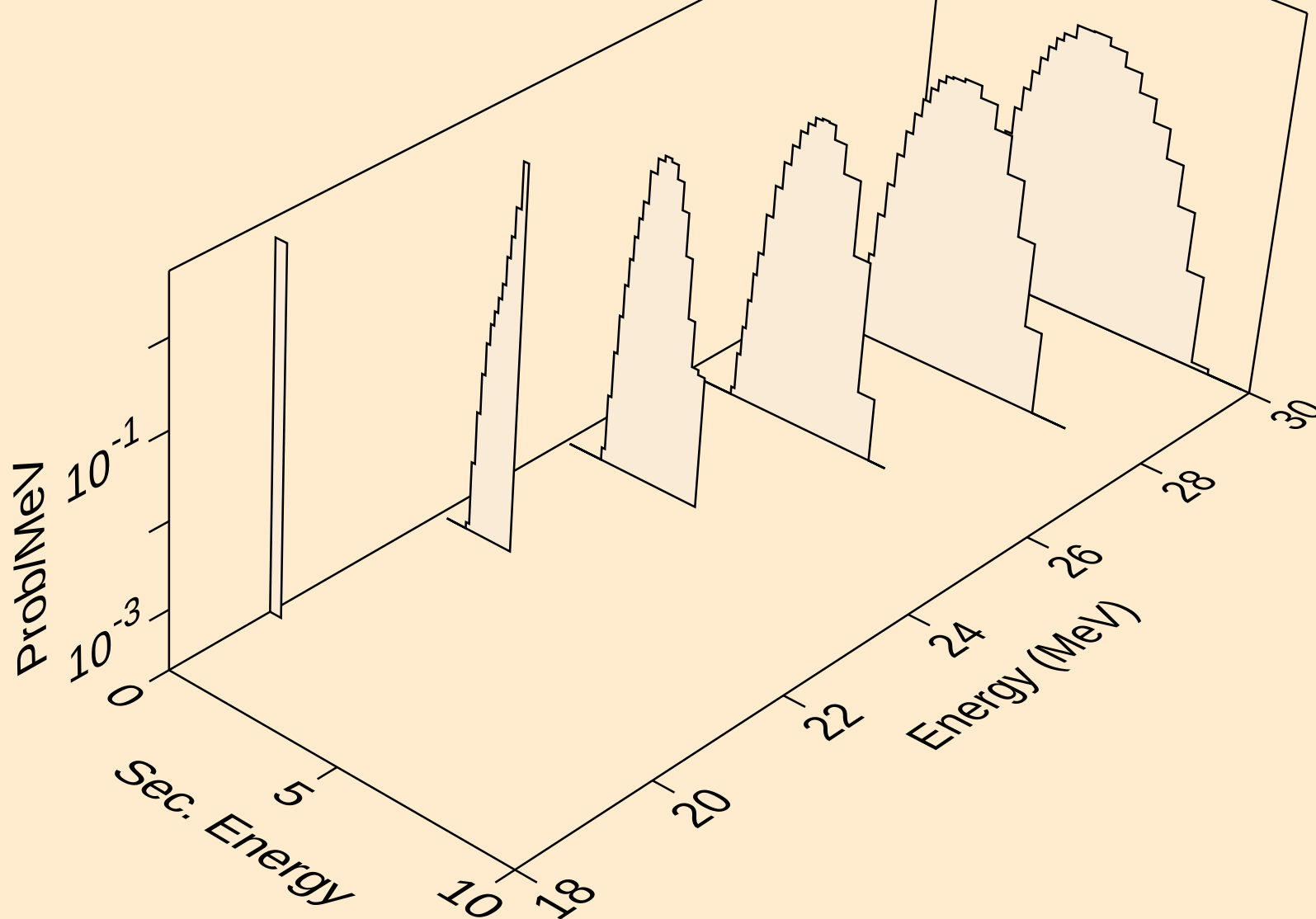
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,n\*)t



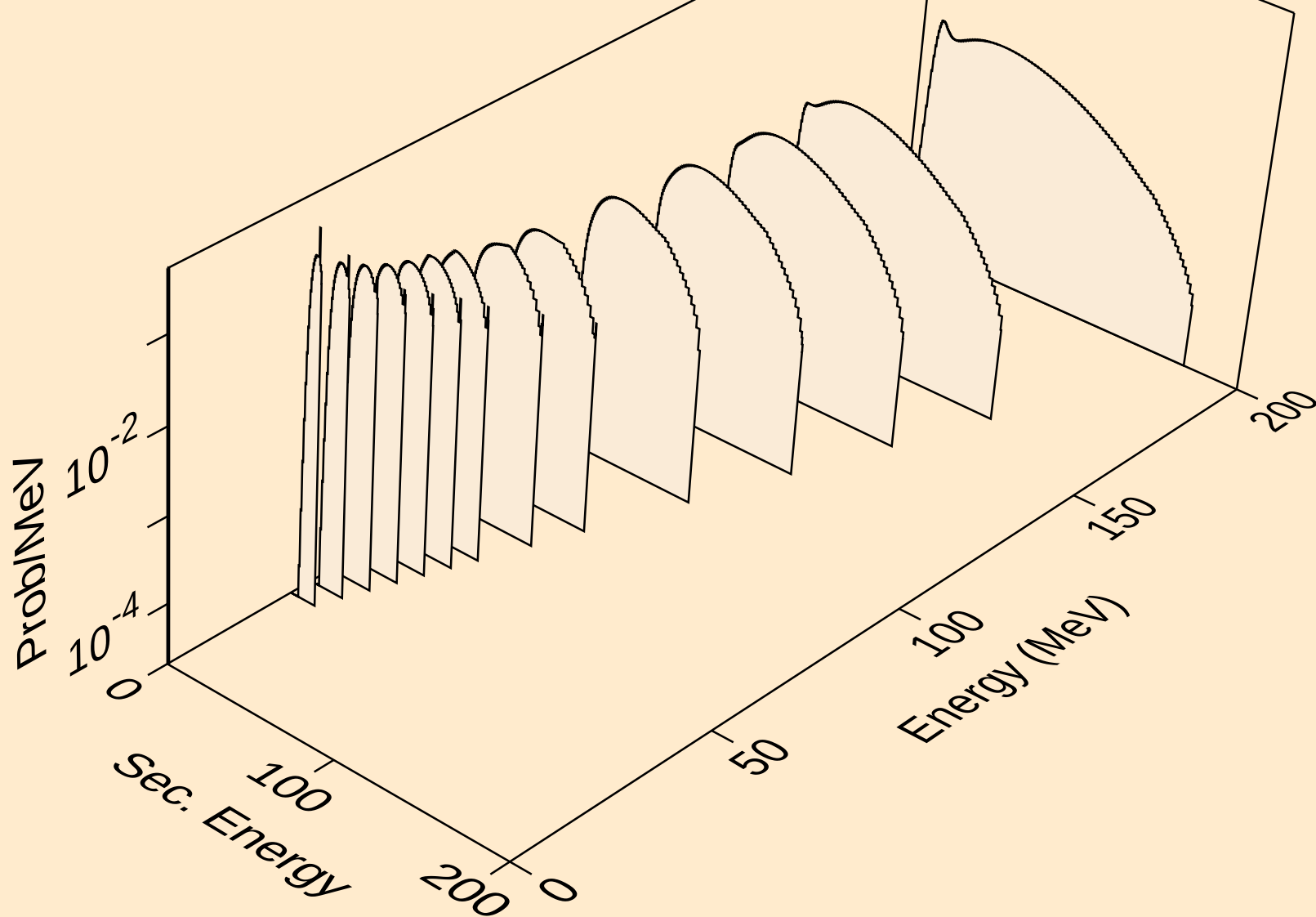
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



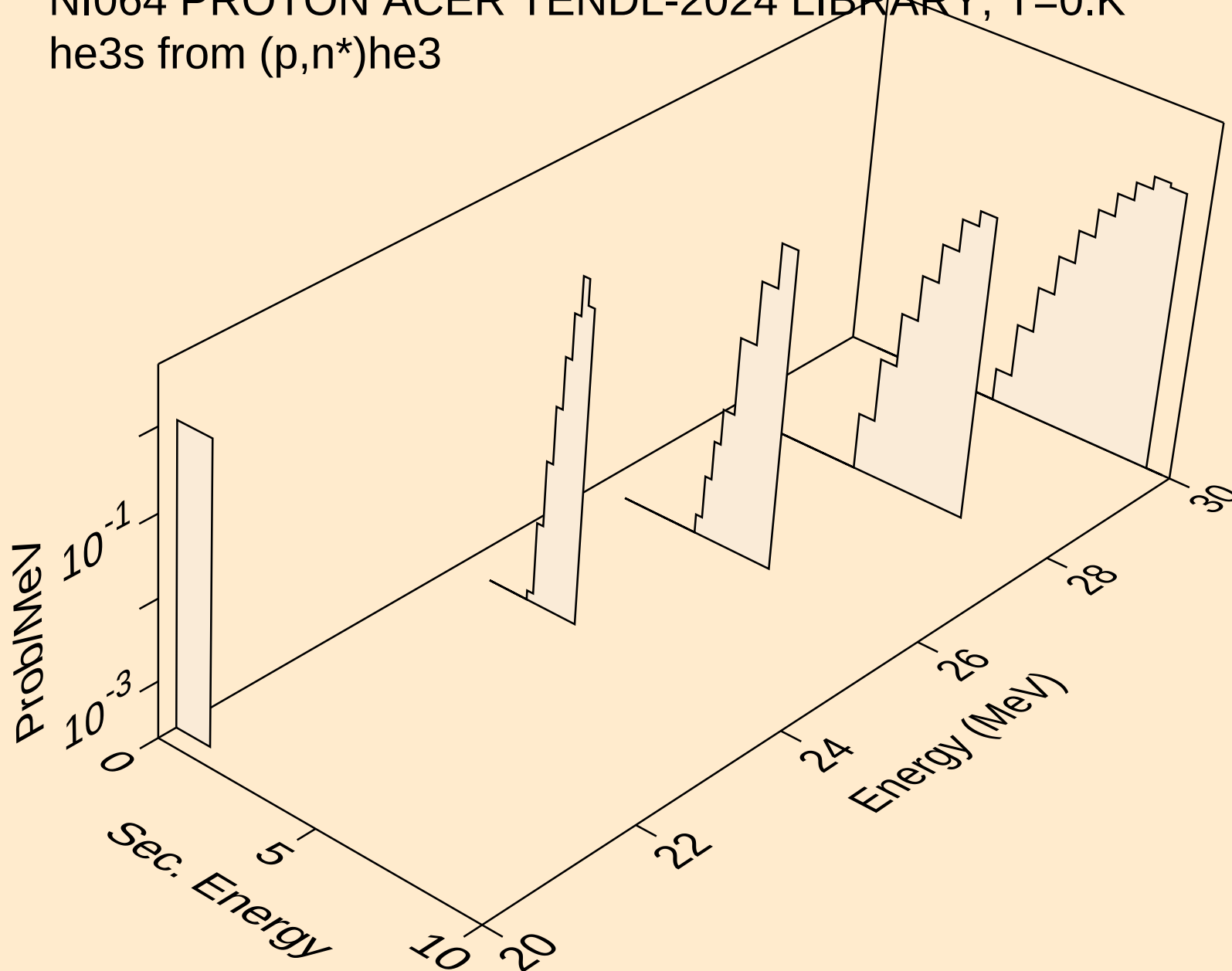
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,pt)



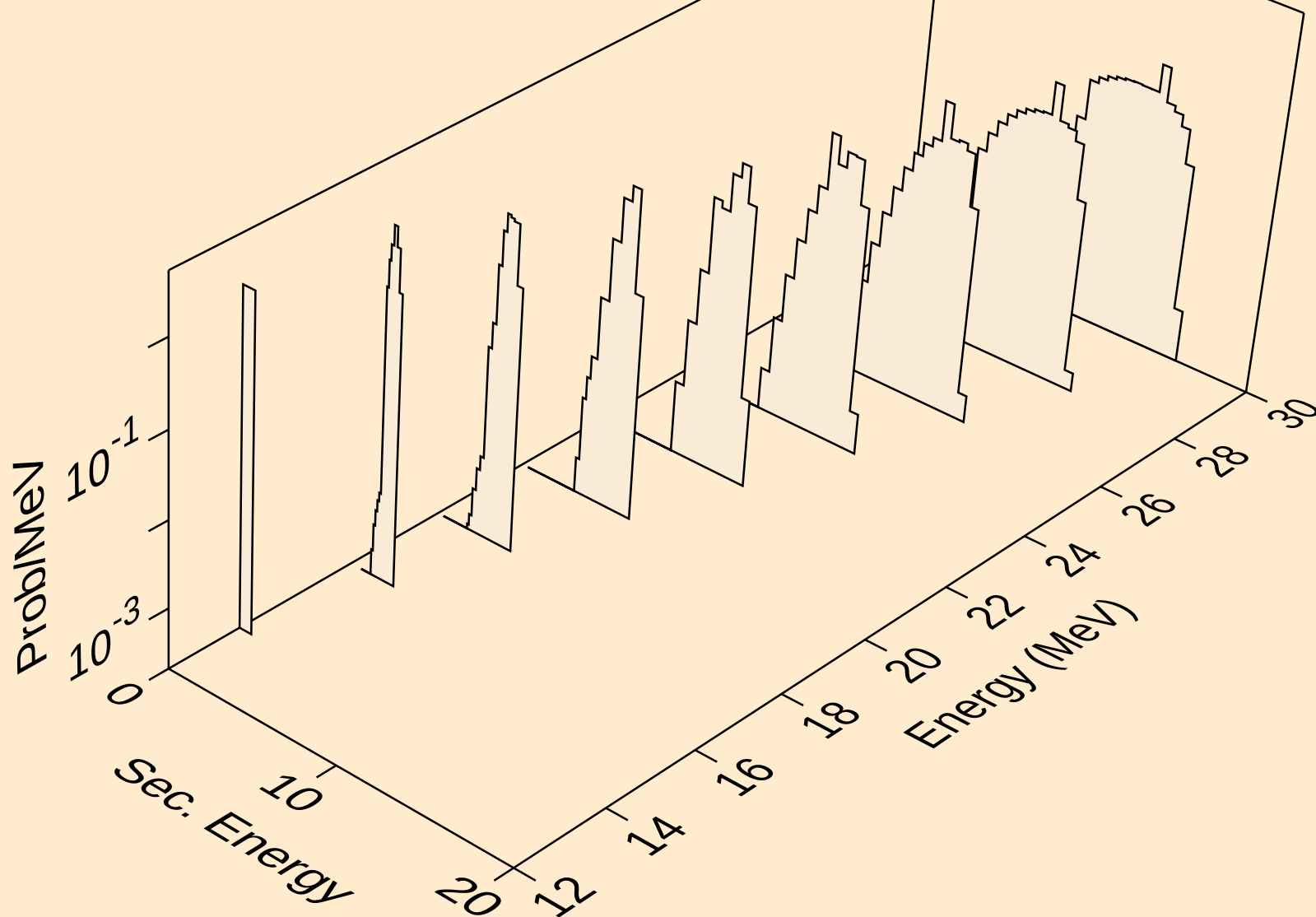
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



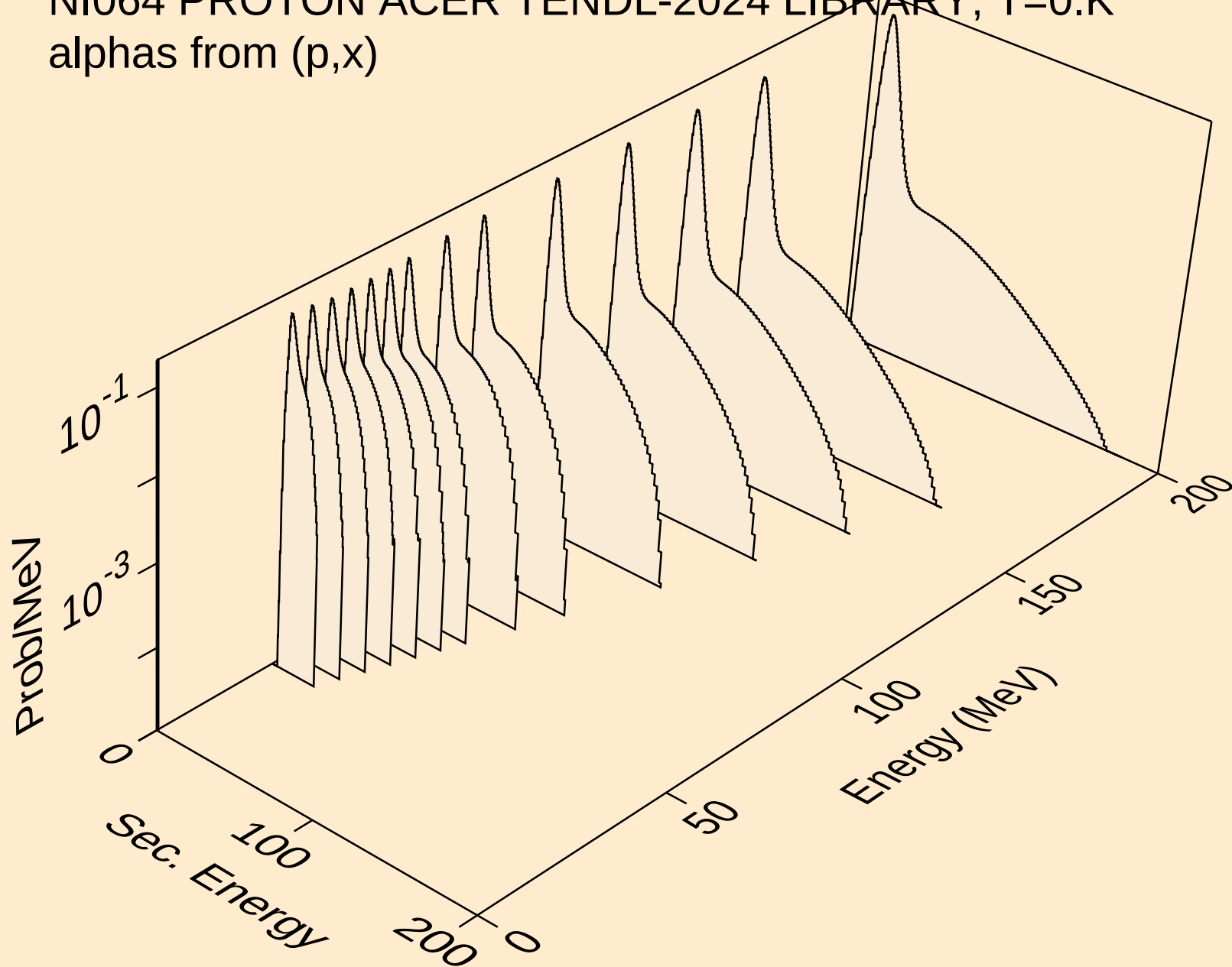
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



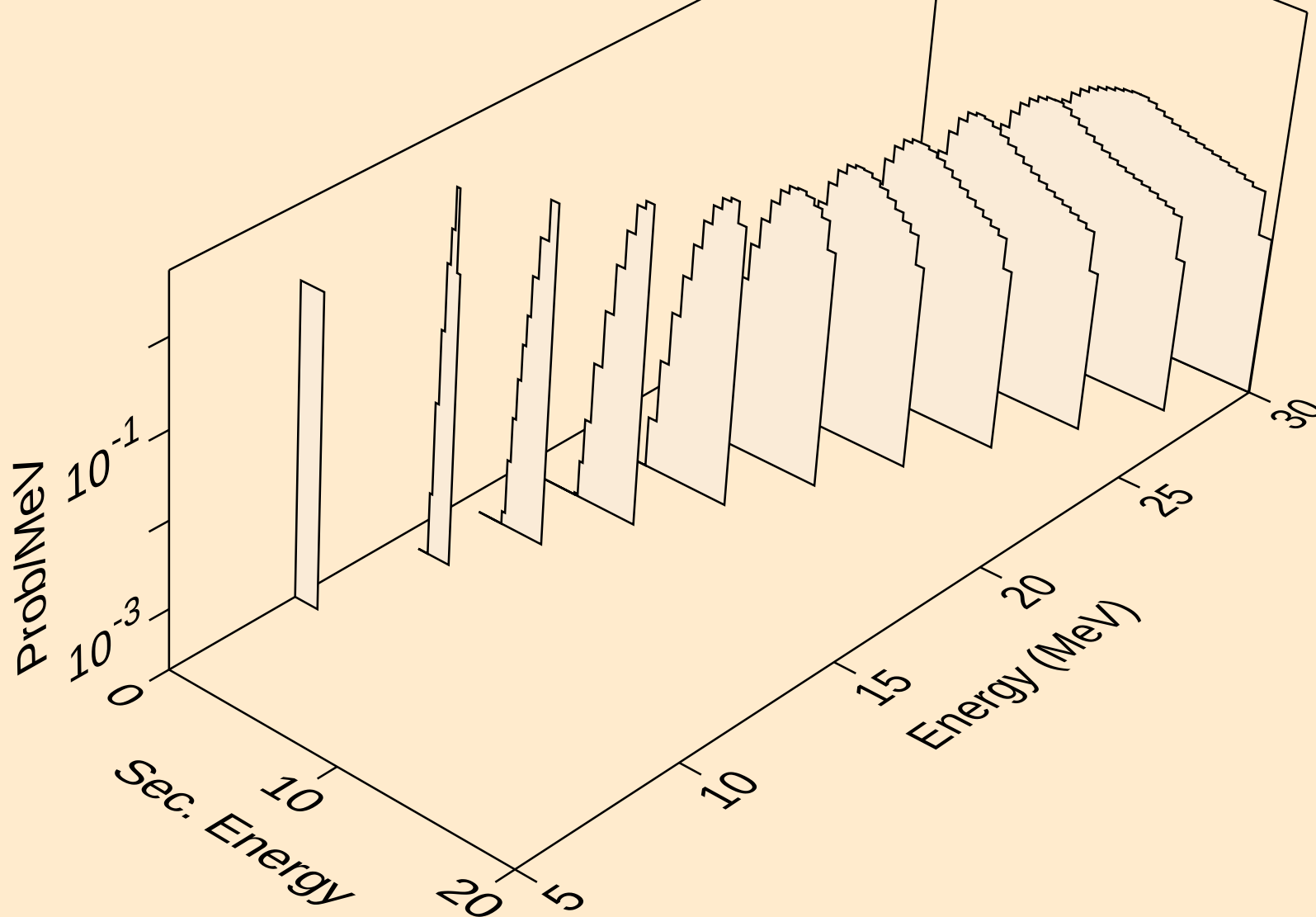
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,he3)



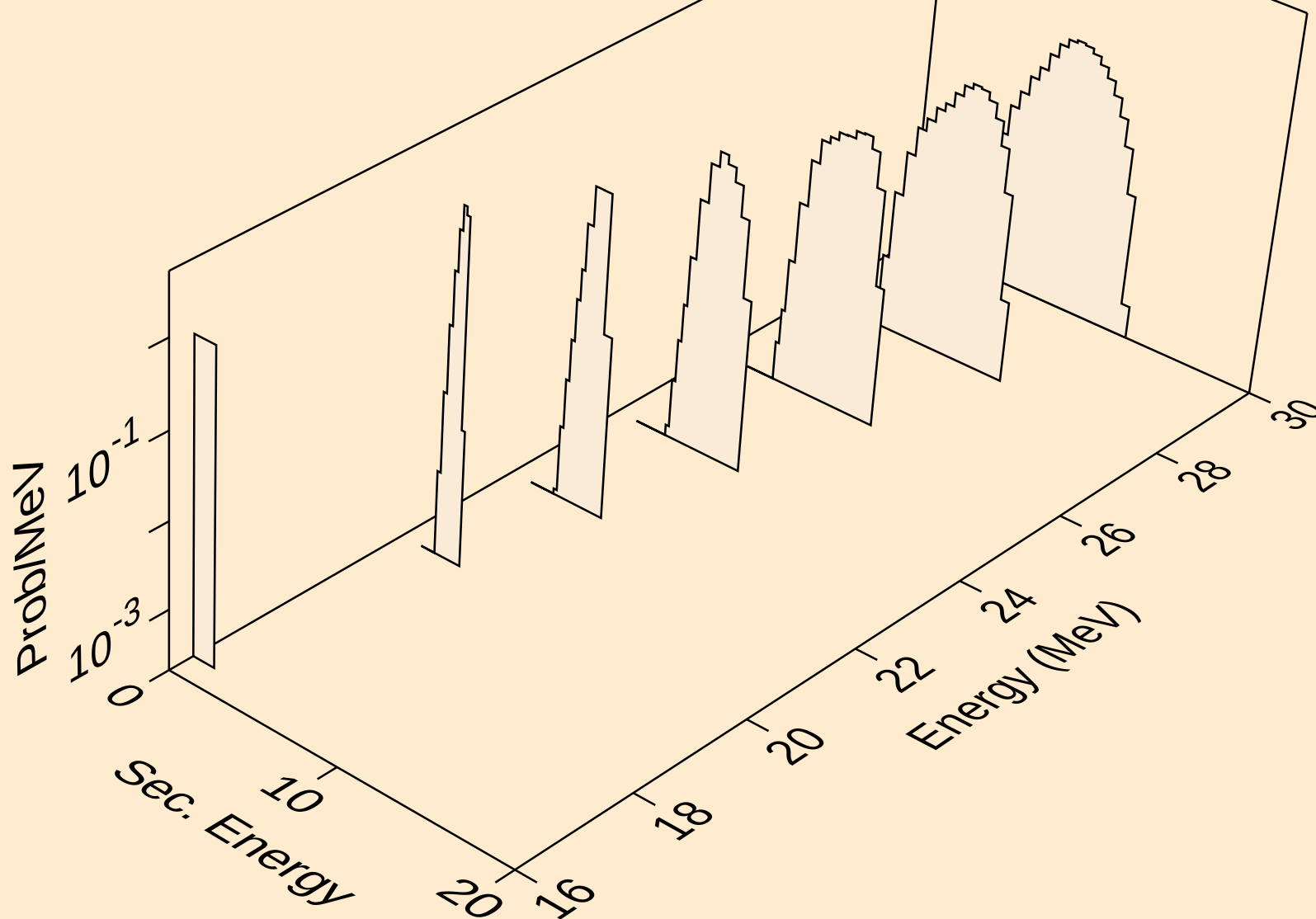
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



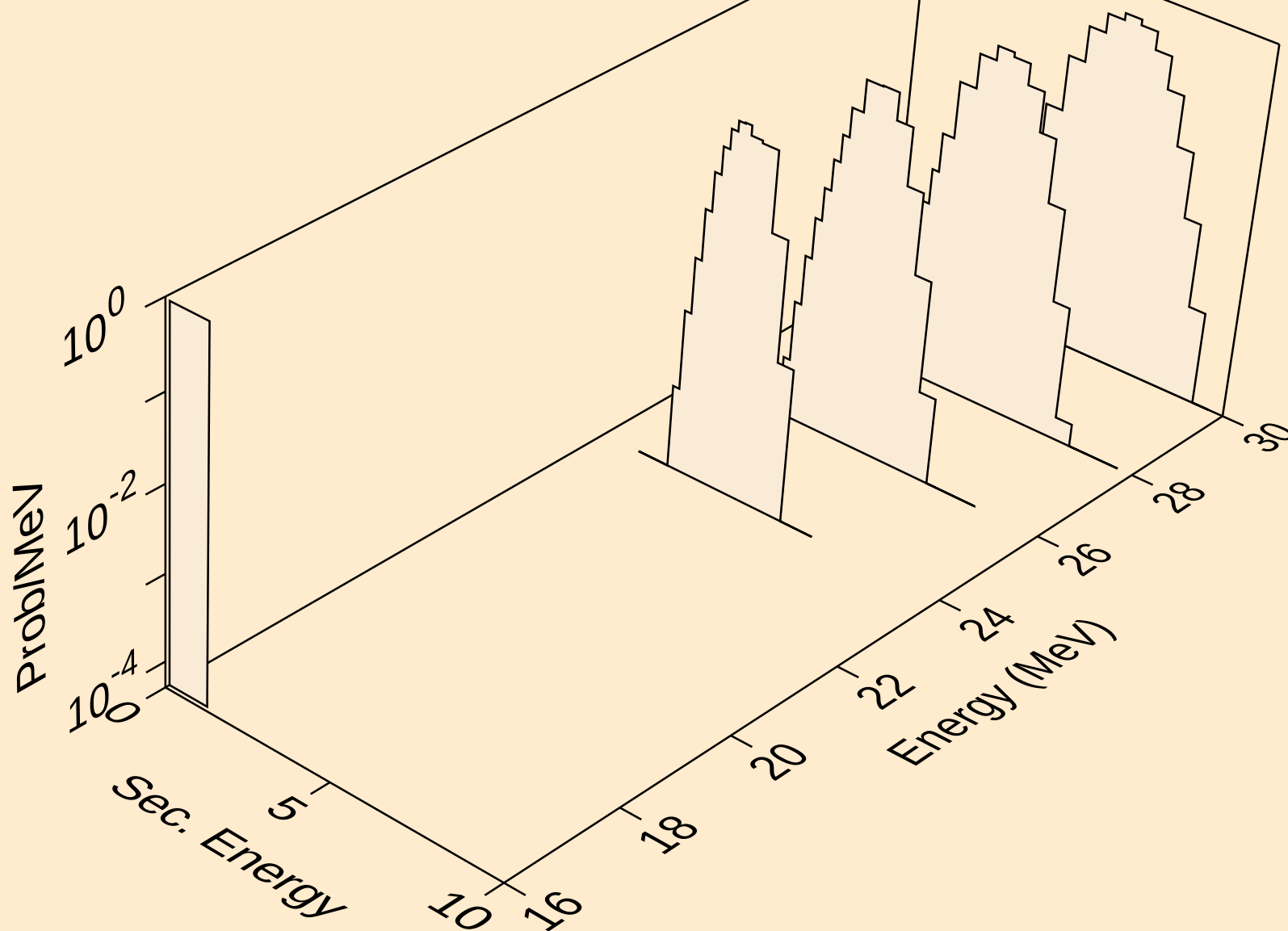
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



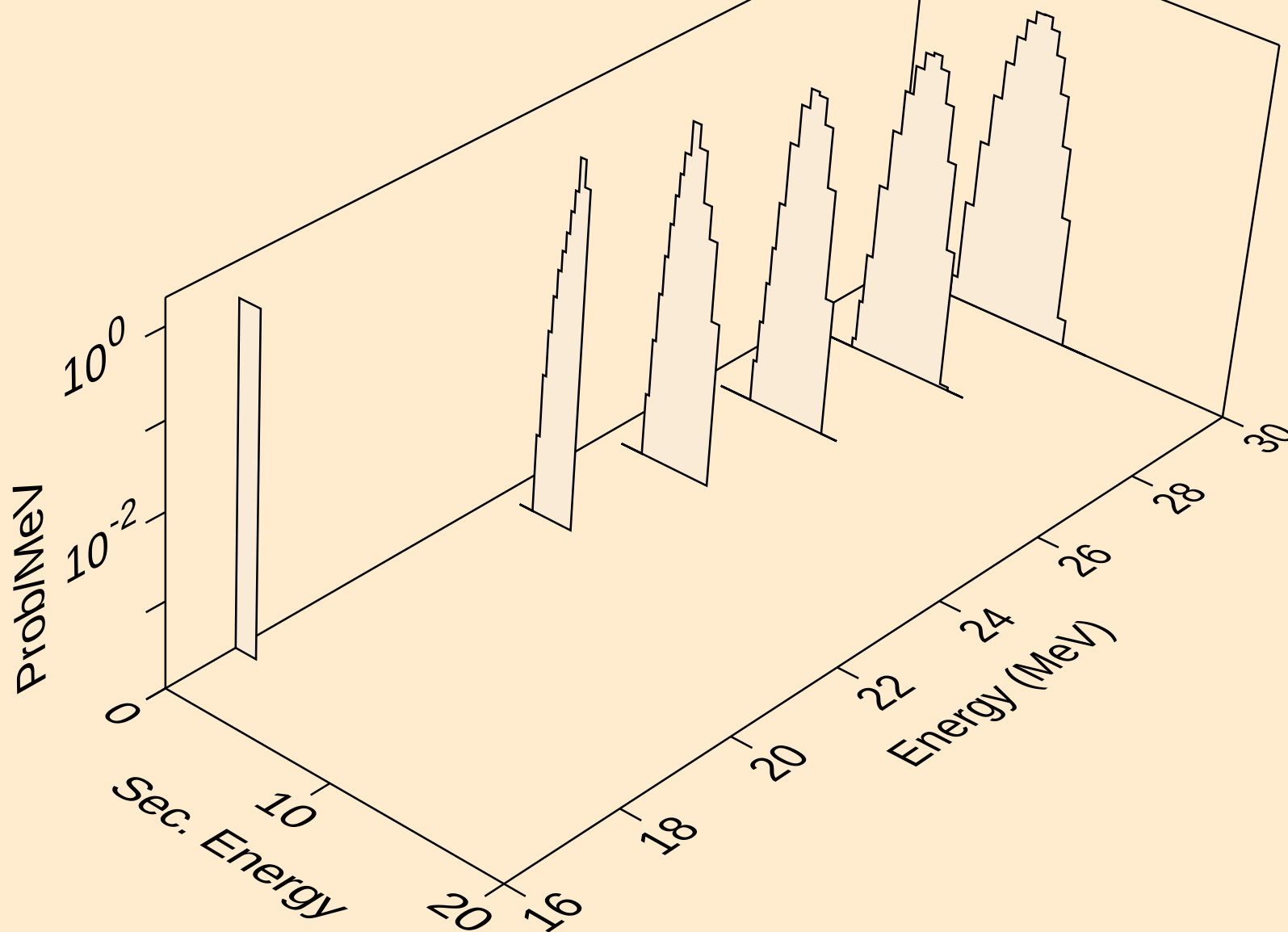
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



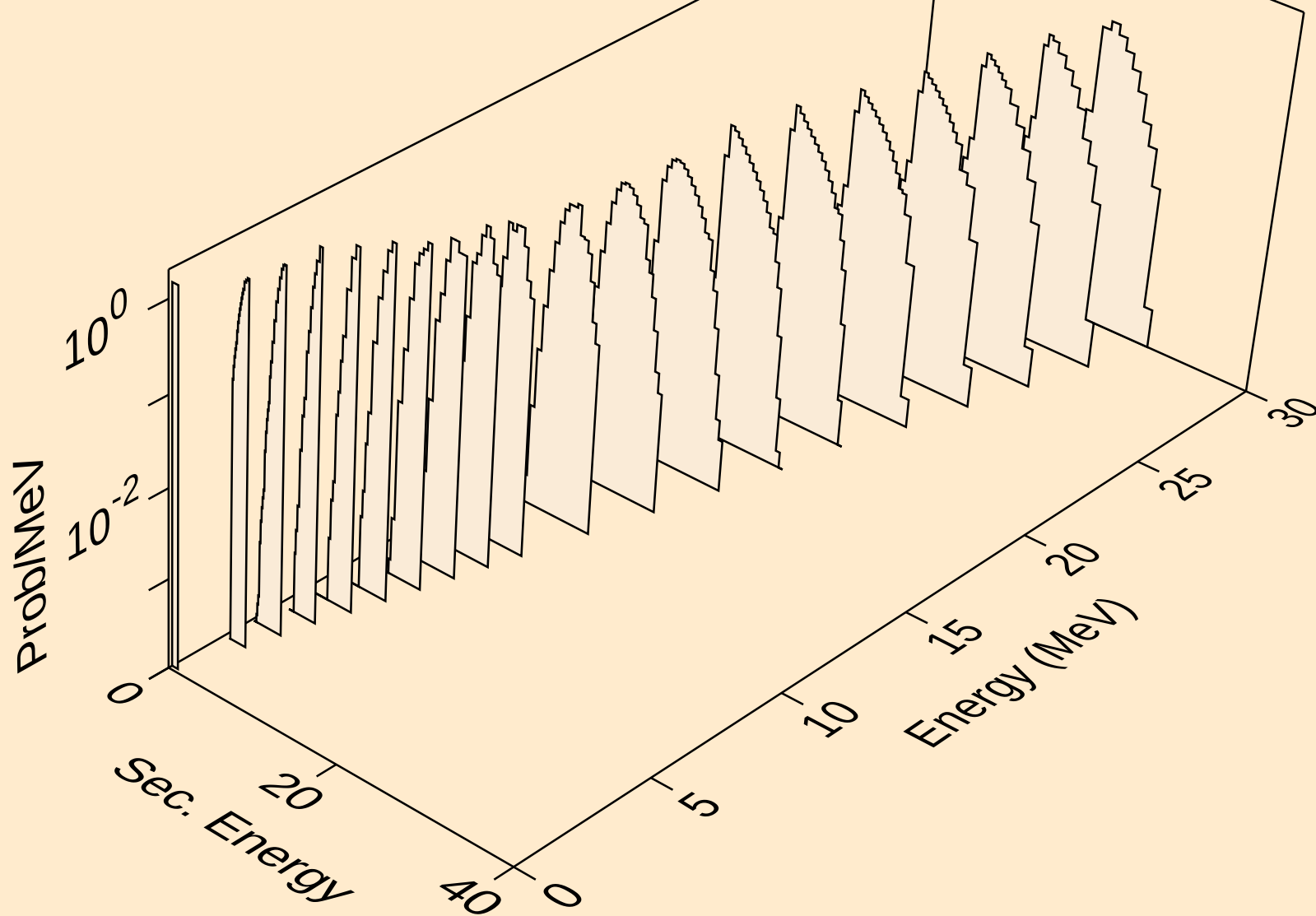
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)2a



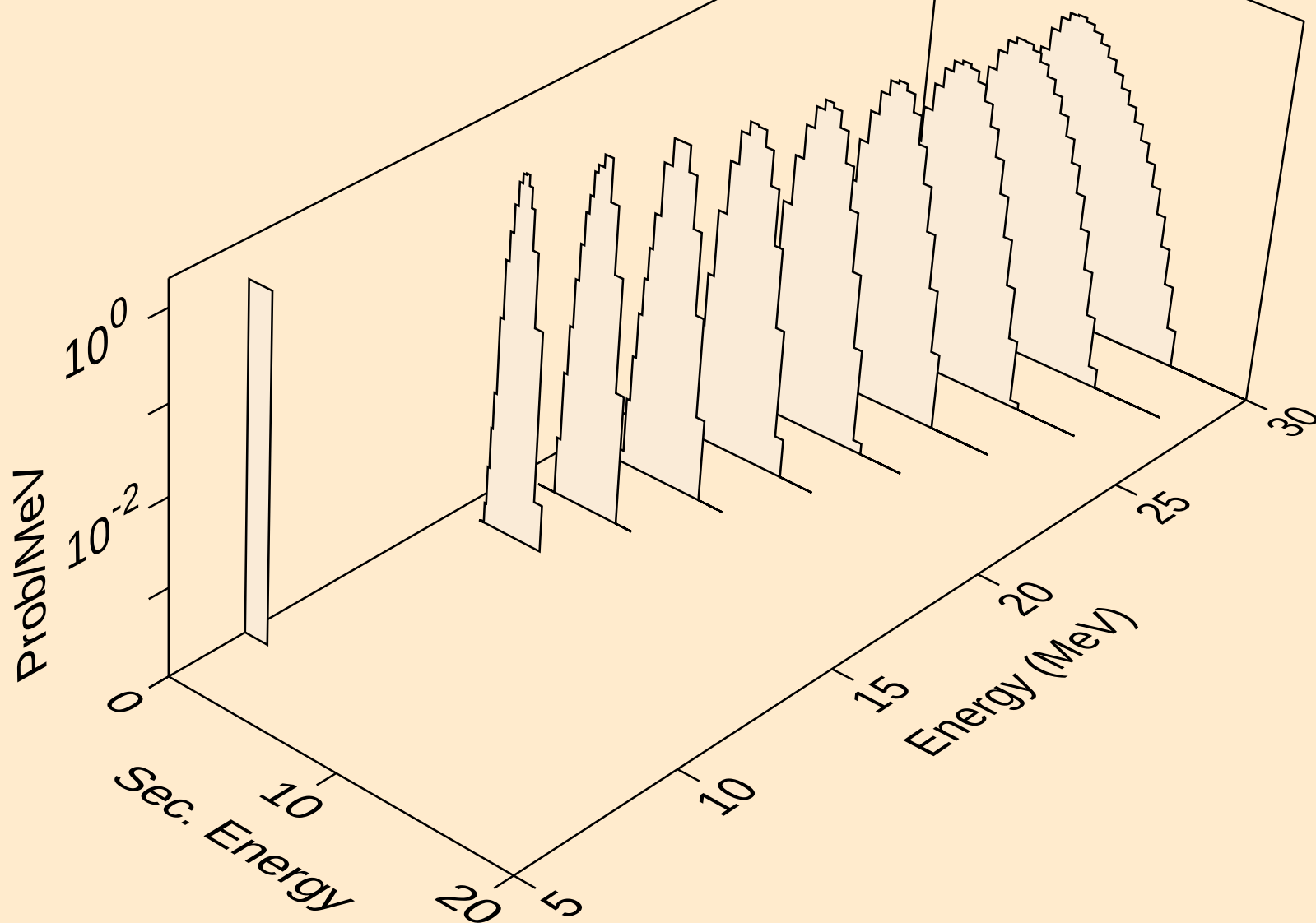
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,npa)



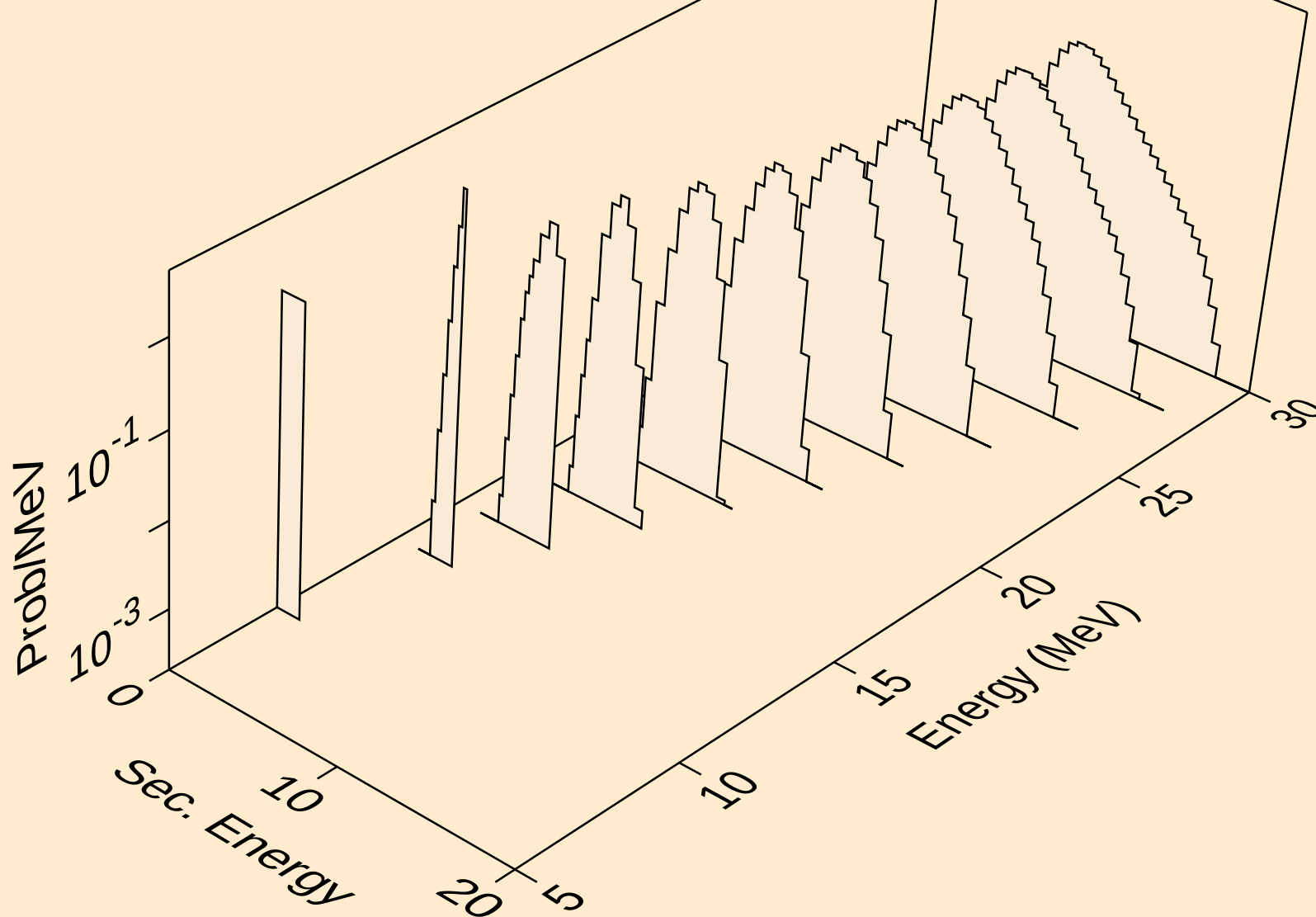
NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)



NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2a)



NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,pa)



NI064 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,da)

