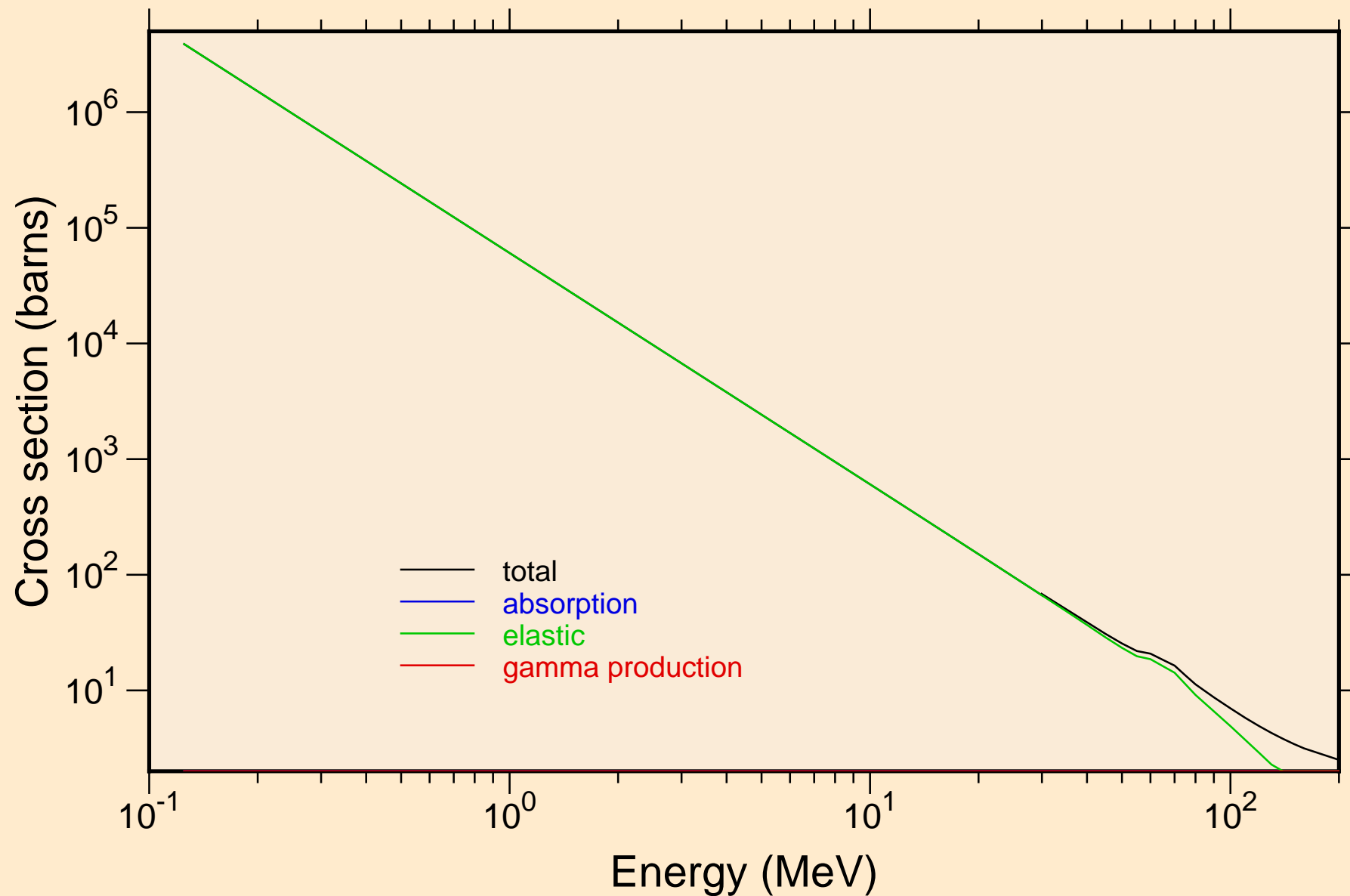


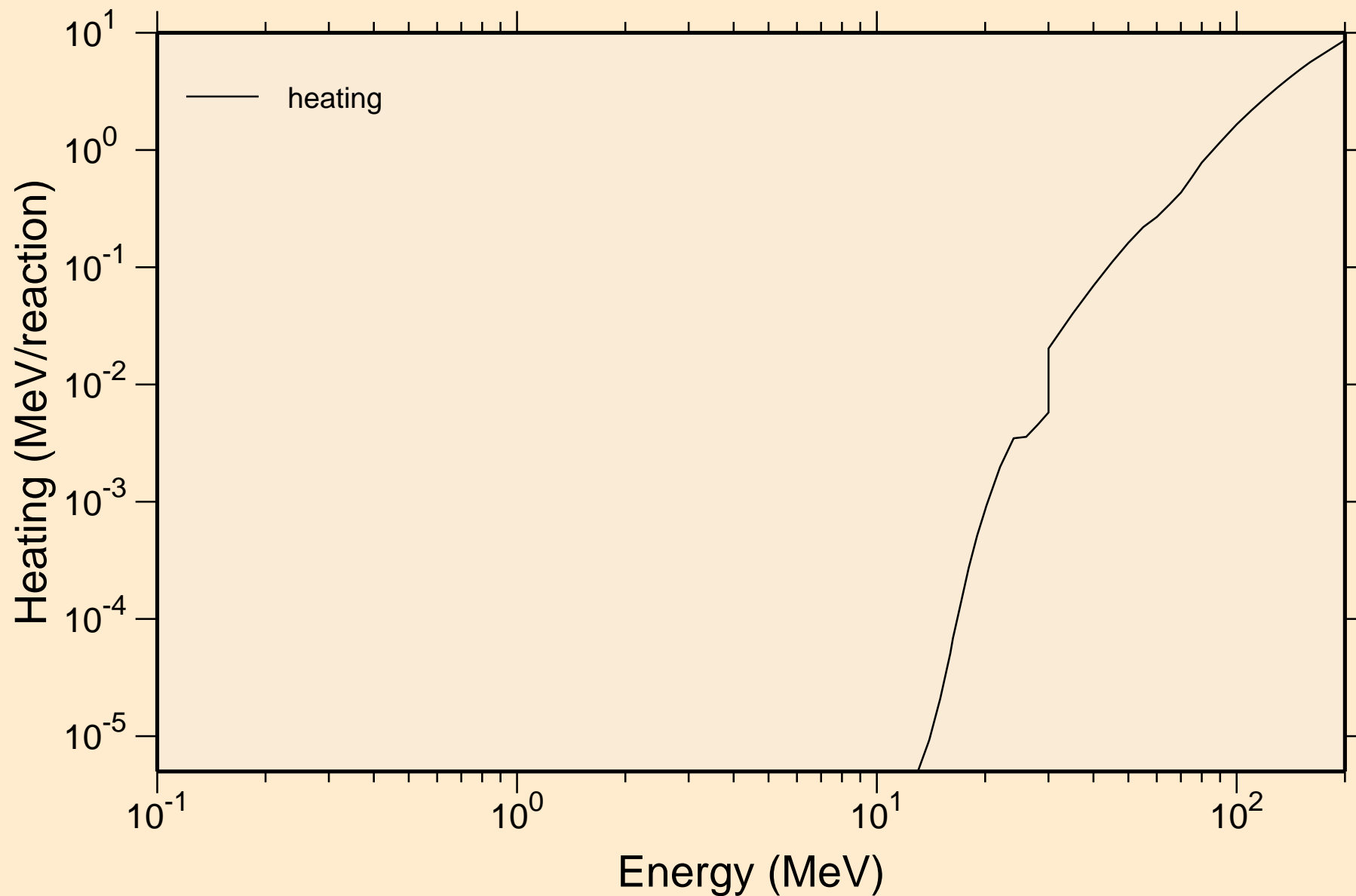
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



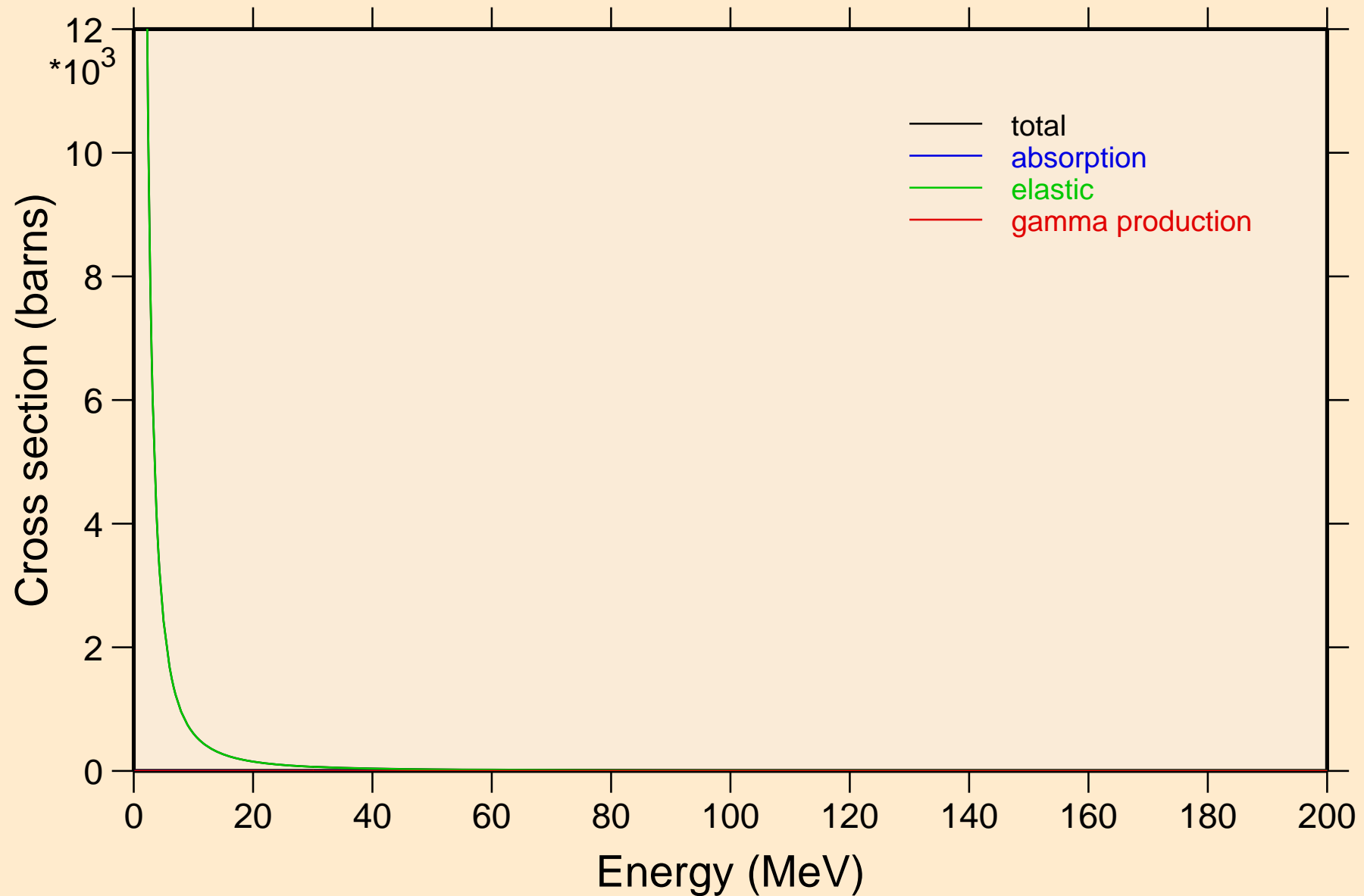
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



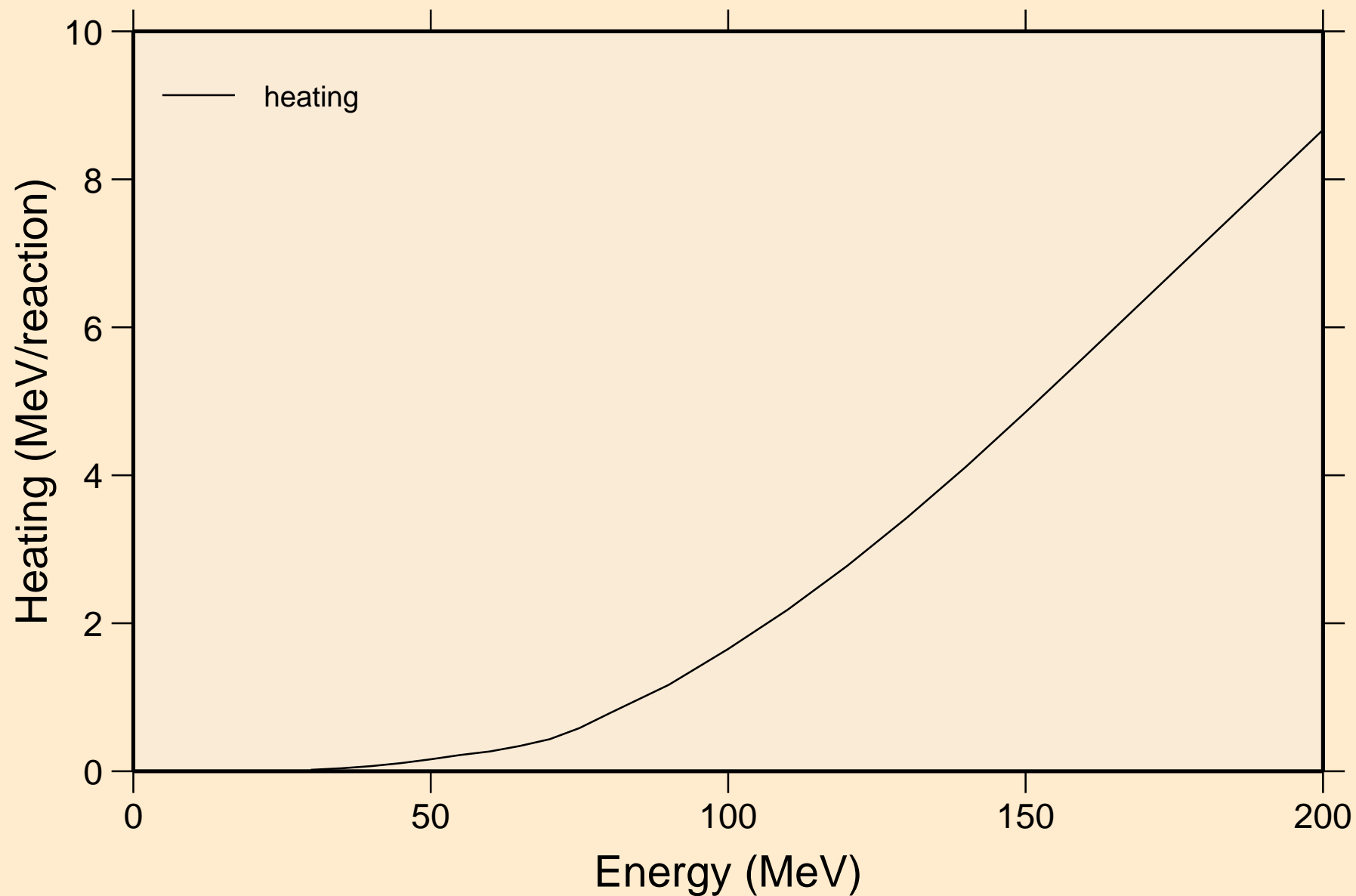
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



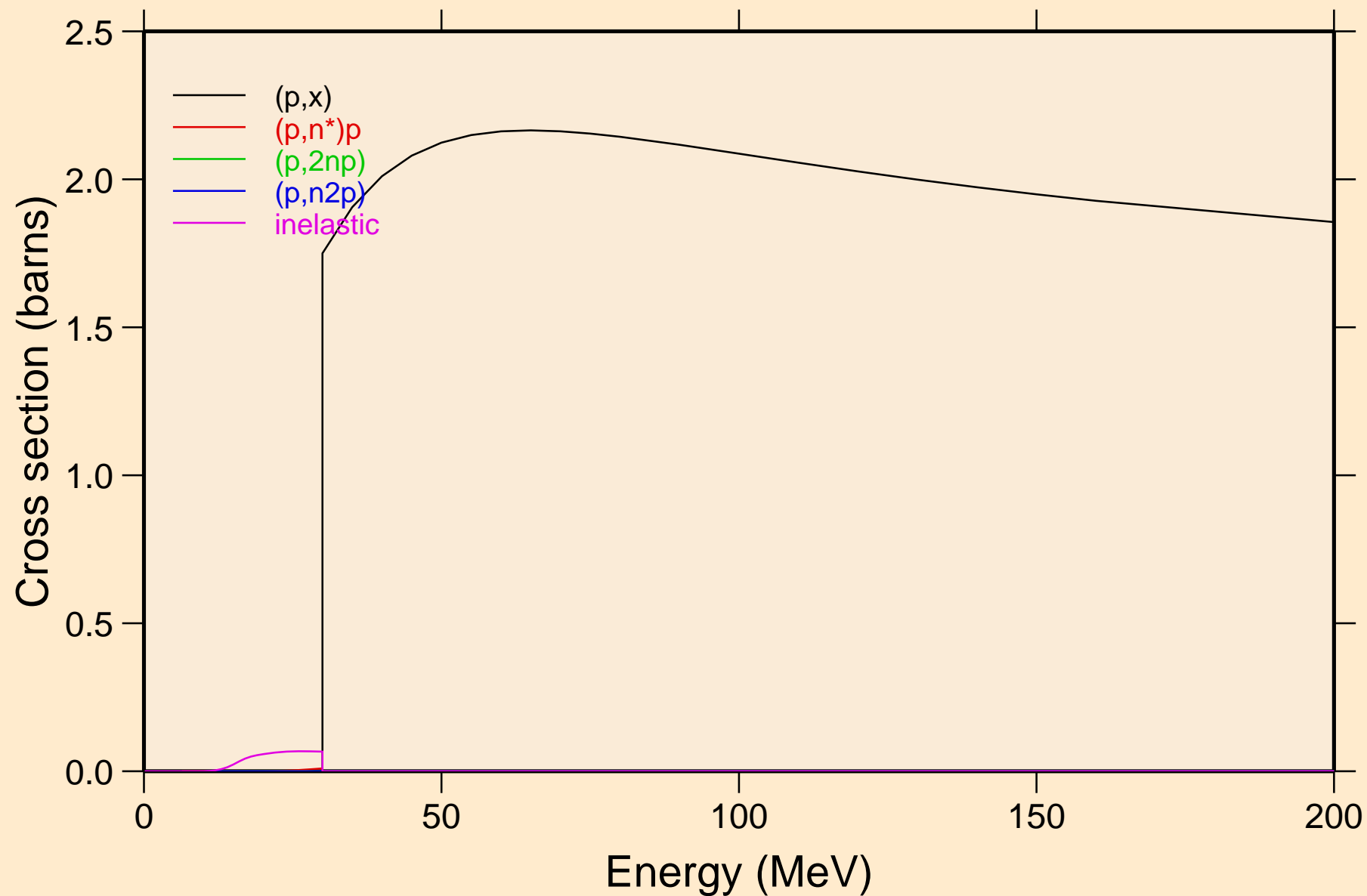
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



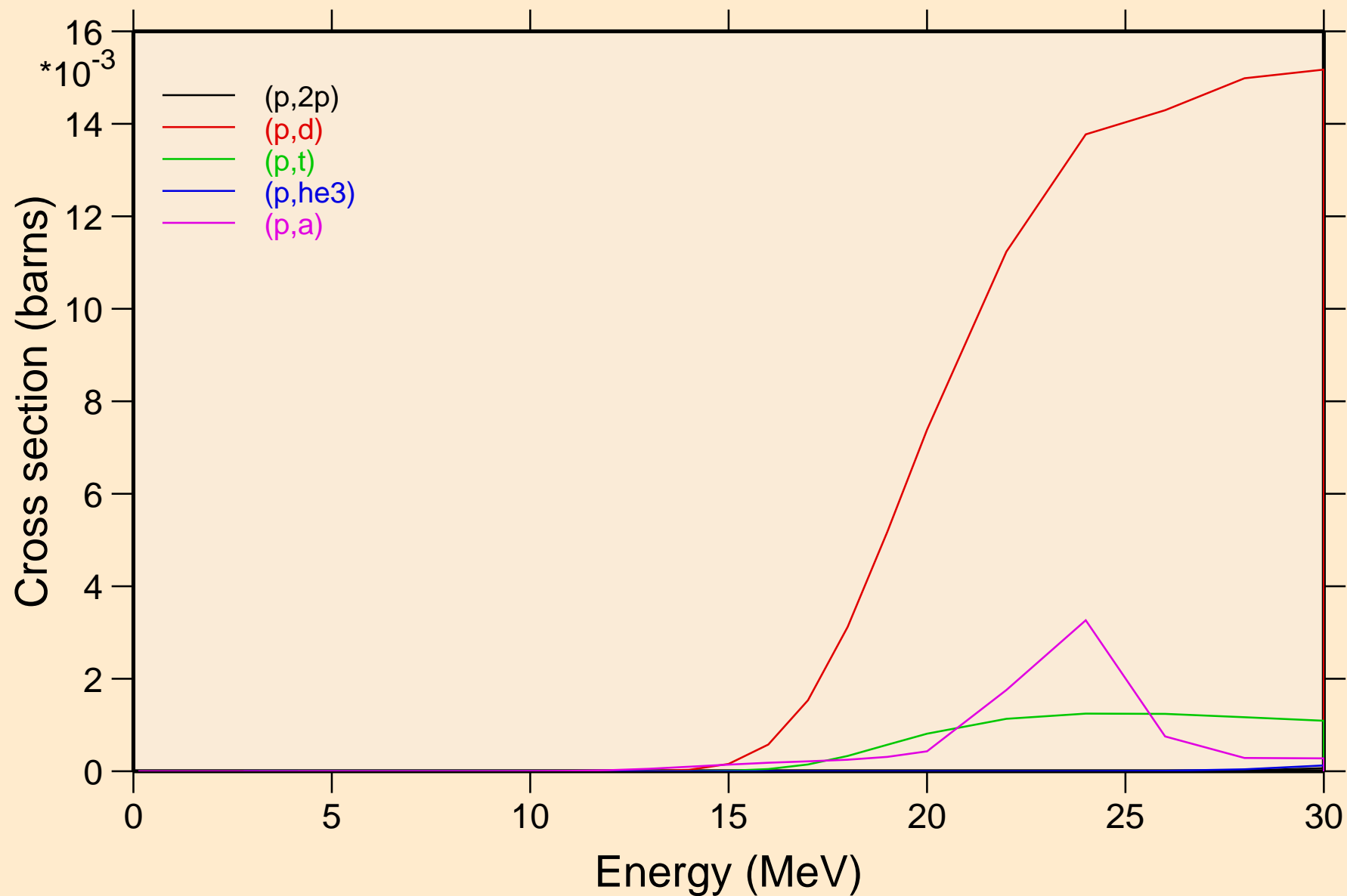
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



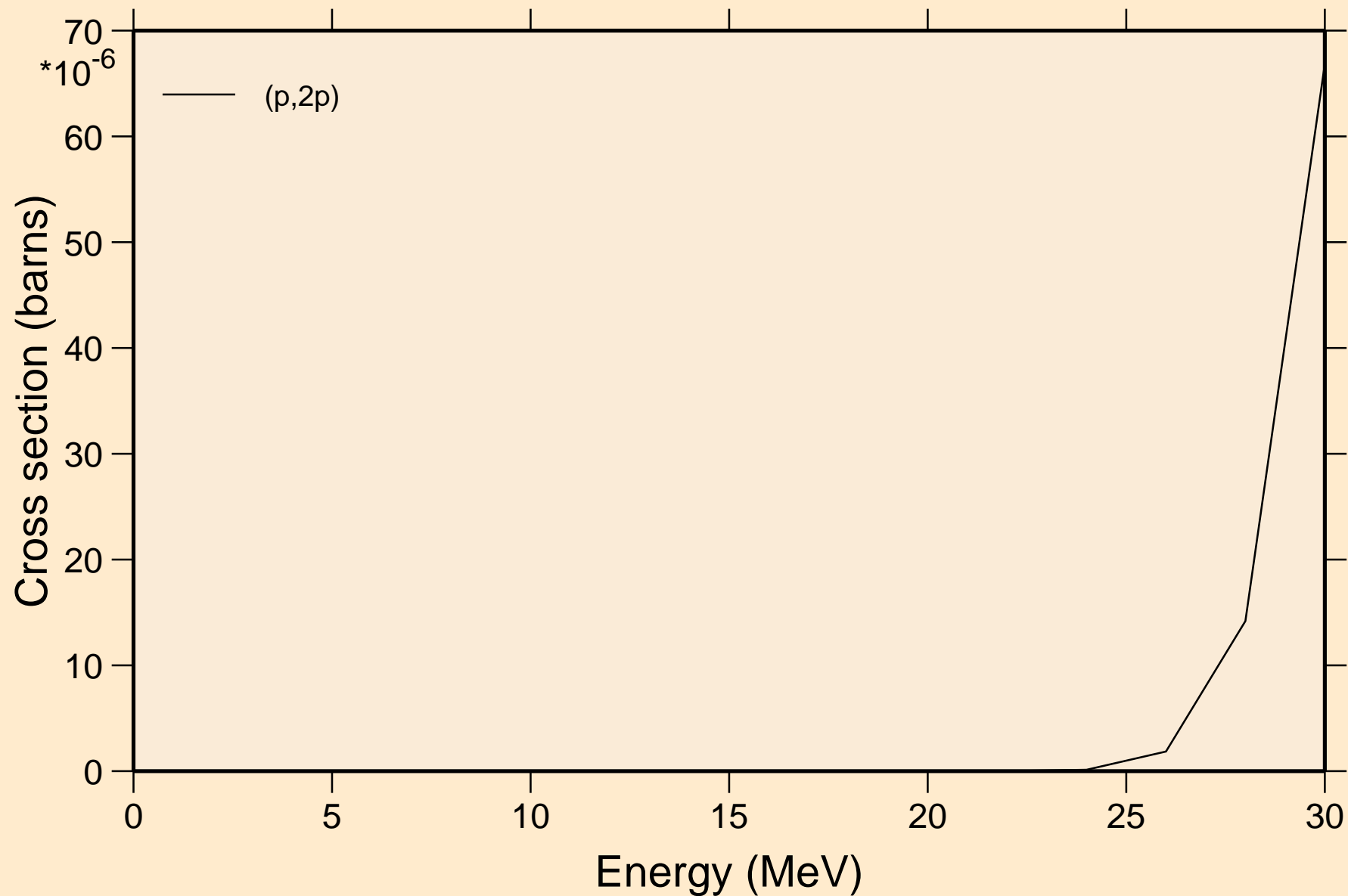
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

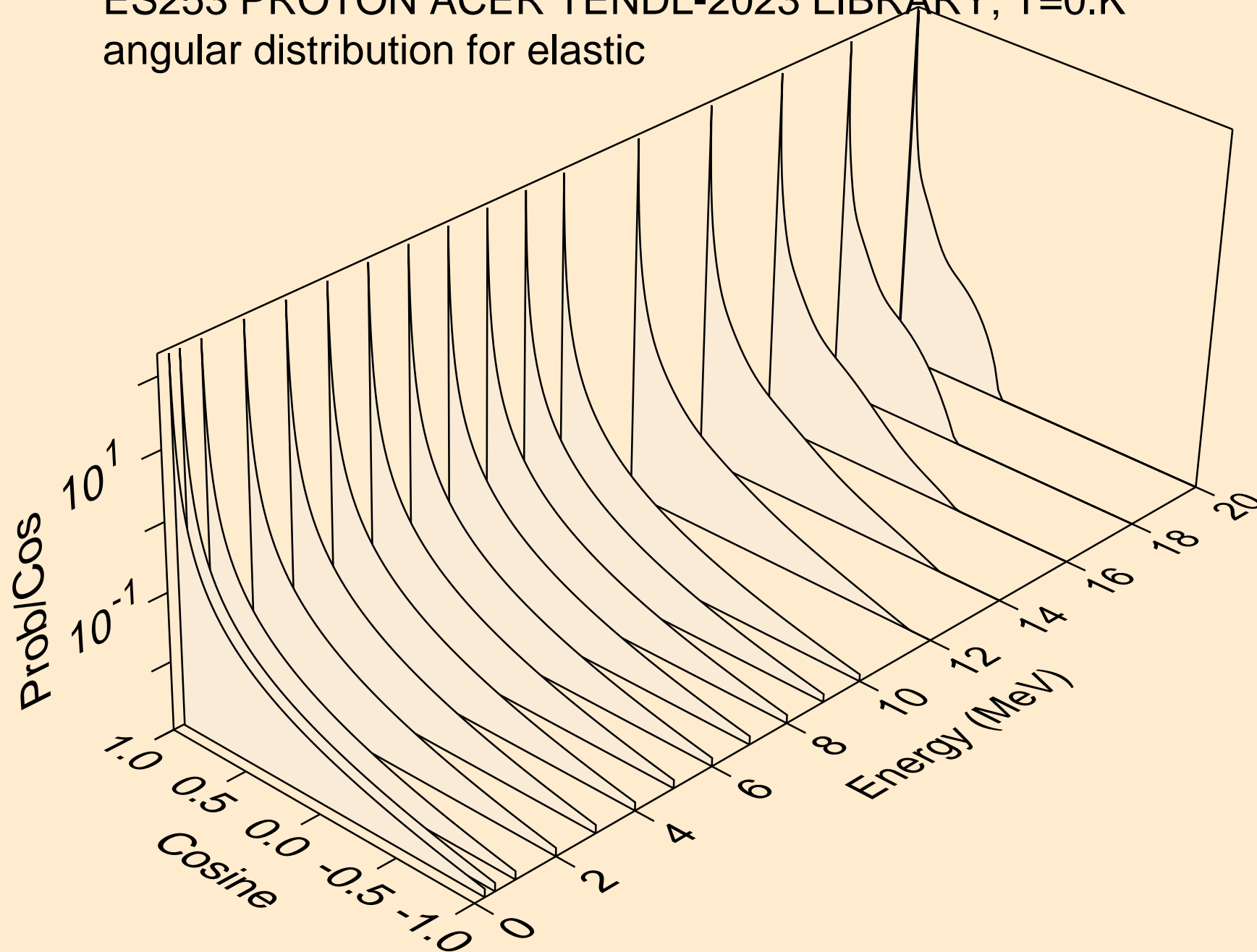


# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

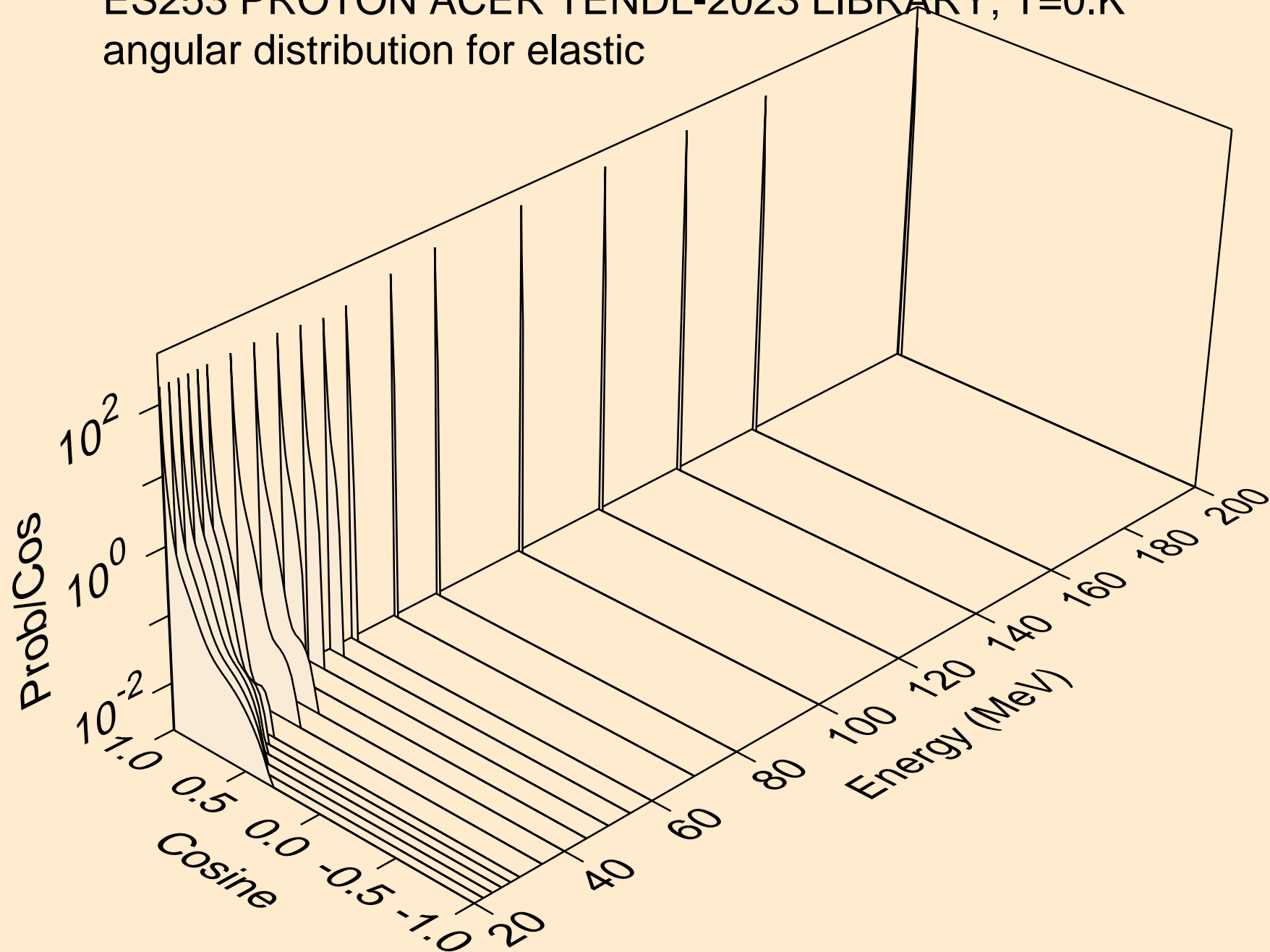


ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



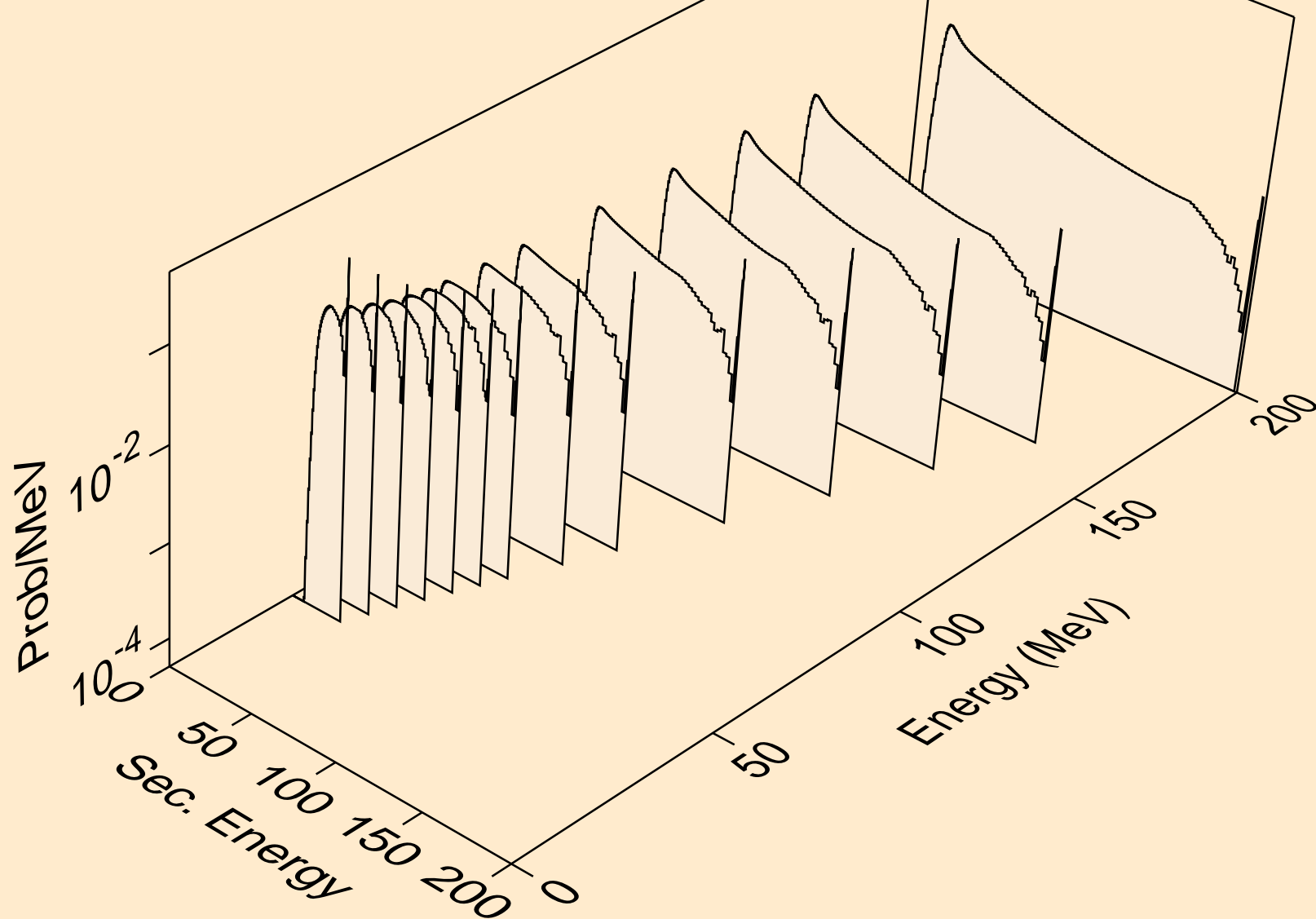


ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



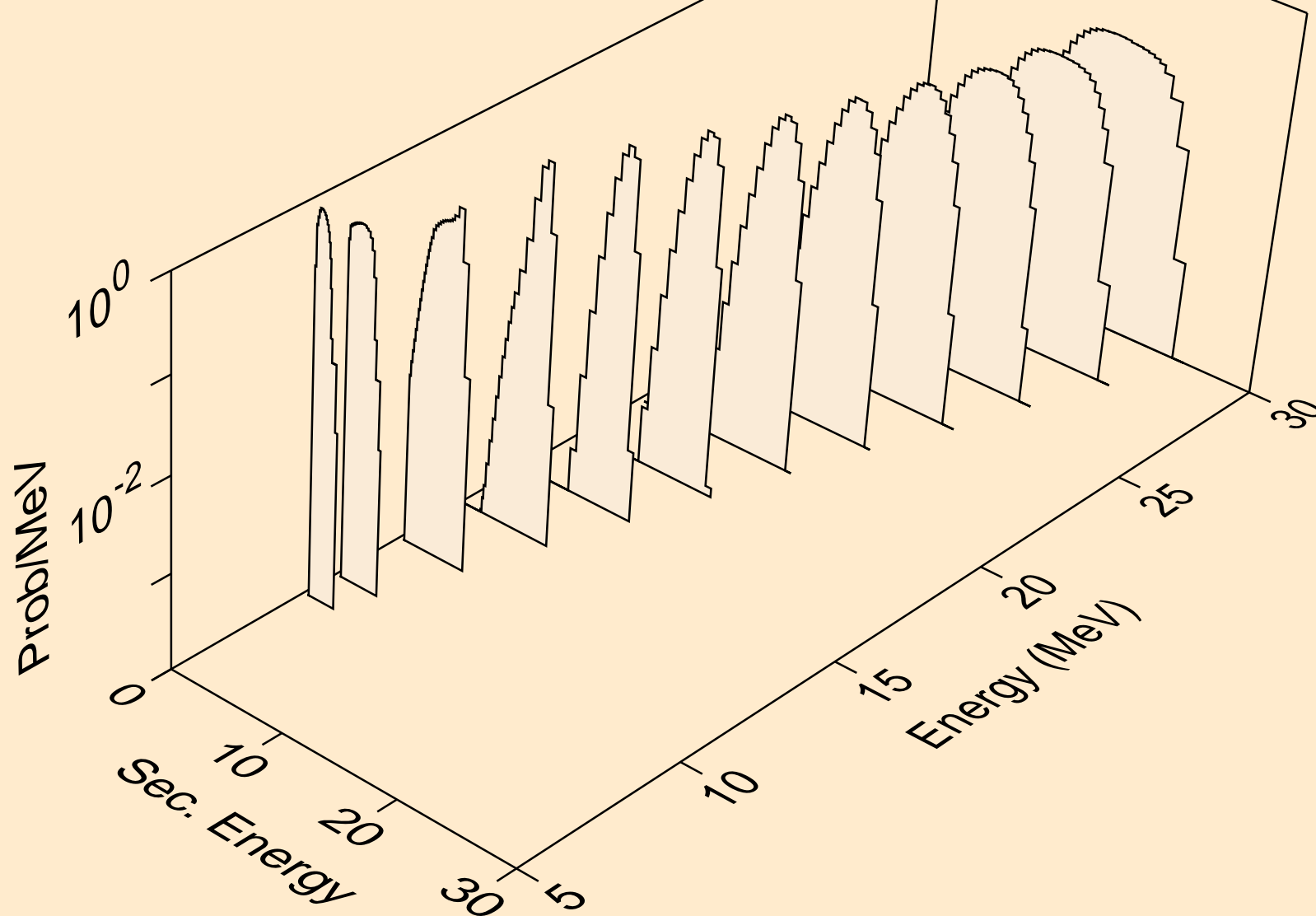
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,x)

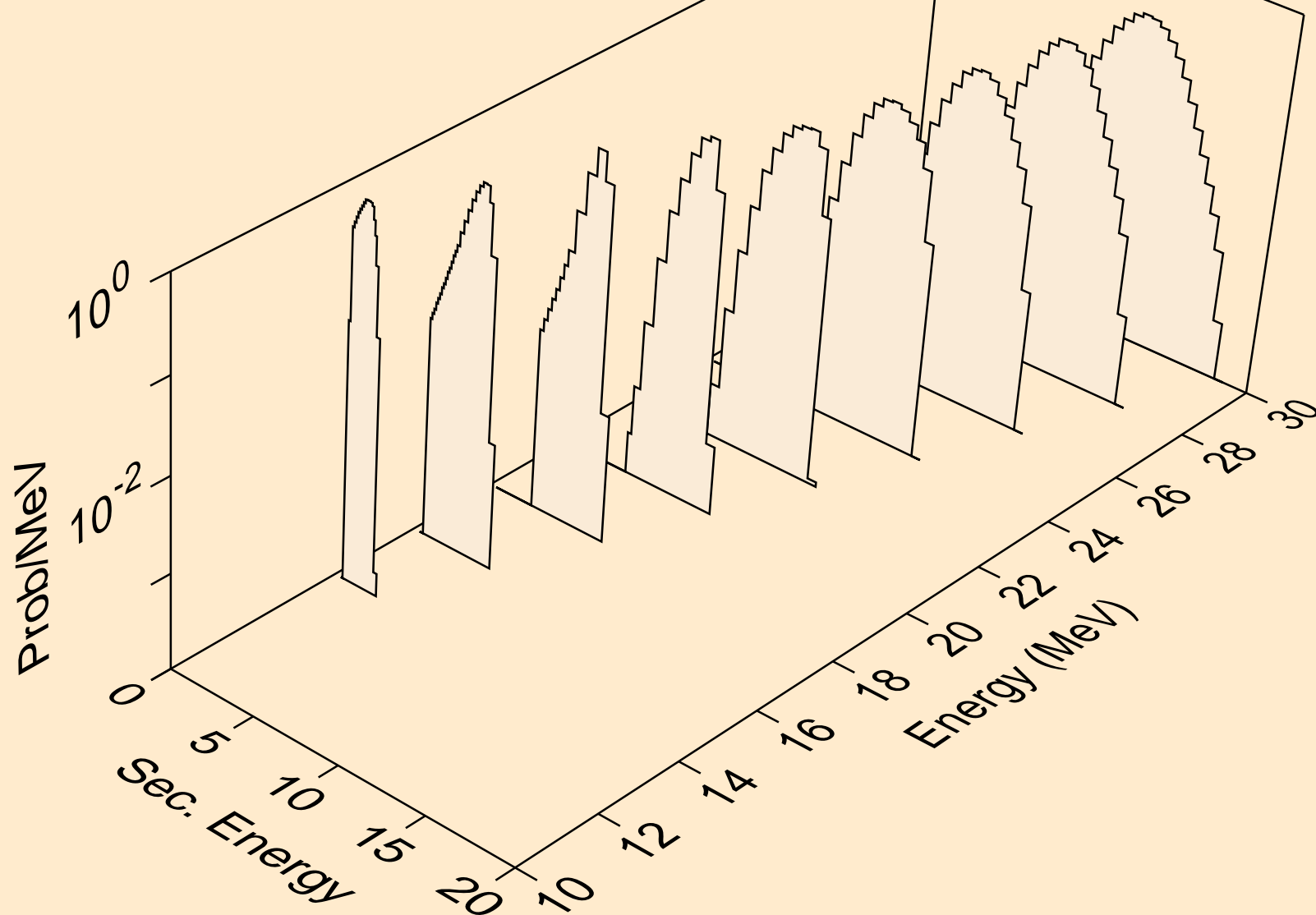


# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

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

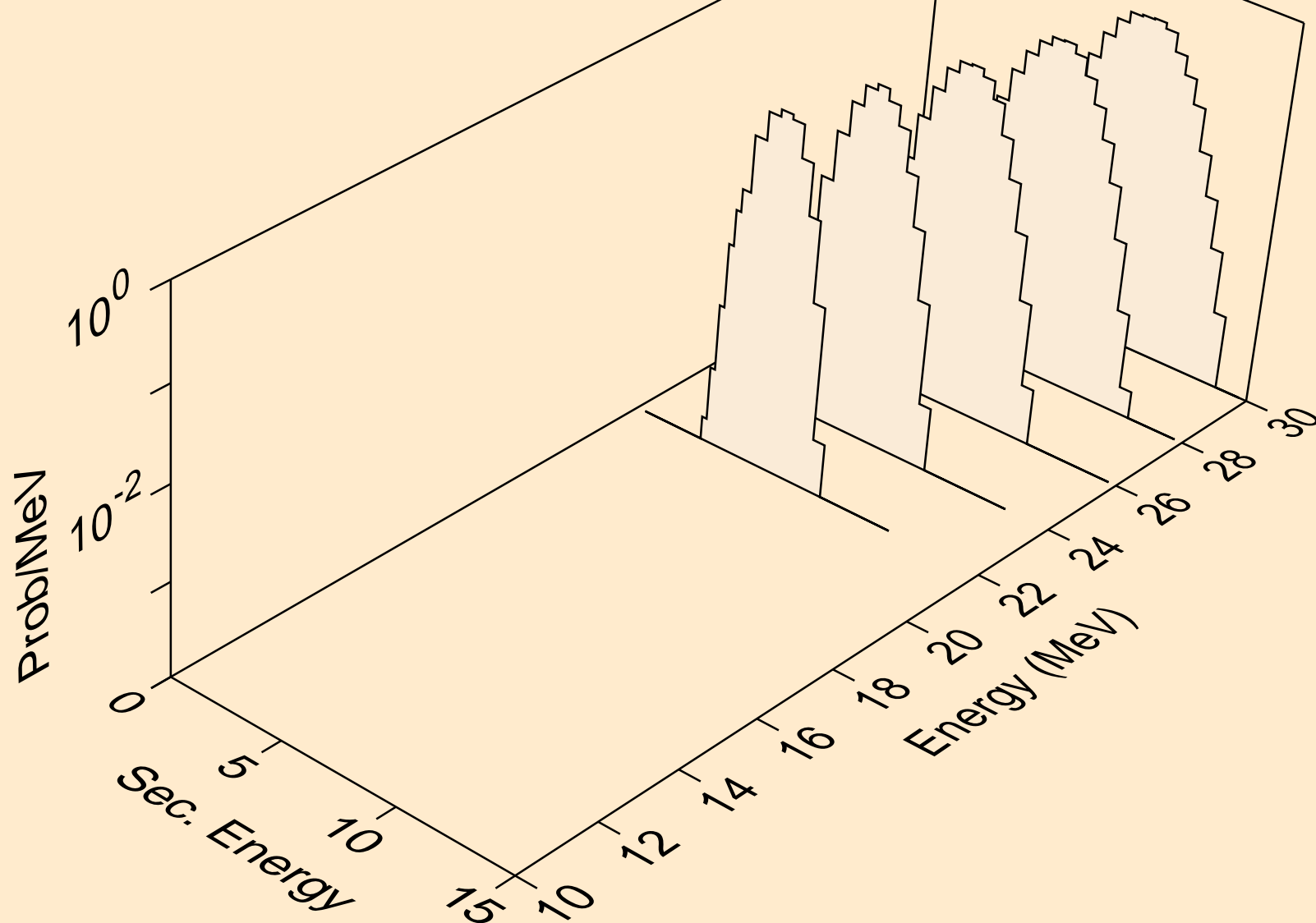


ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



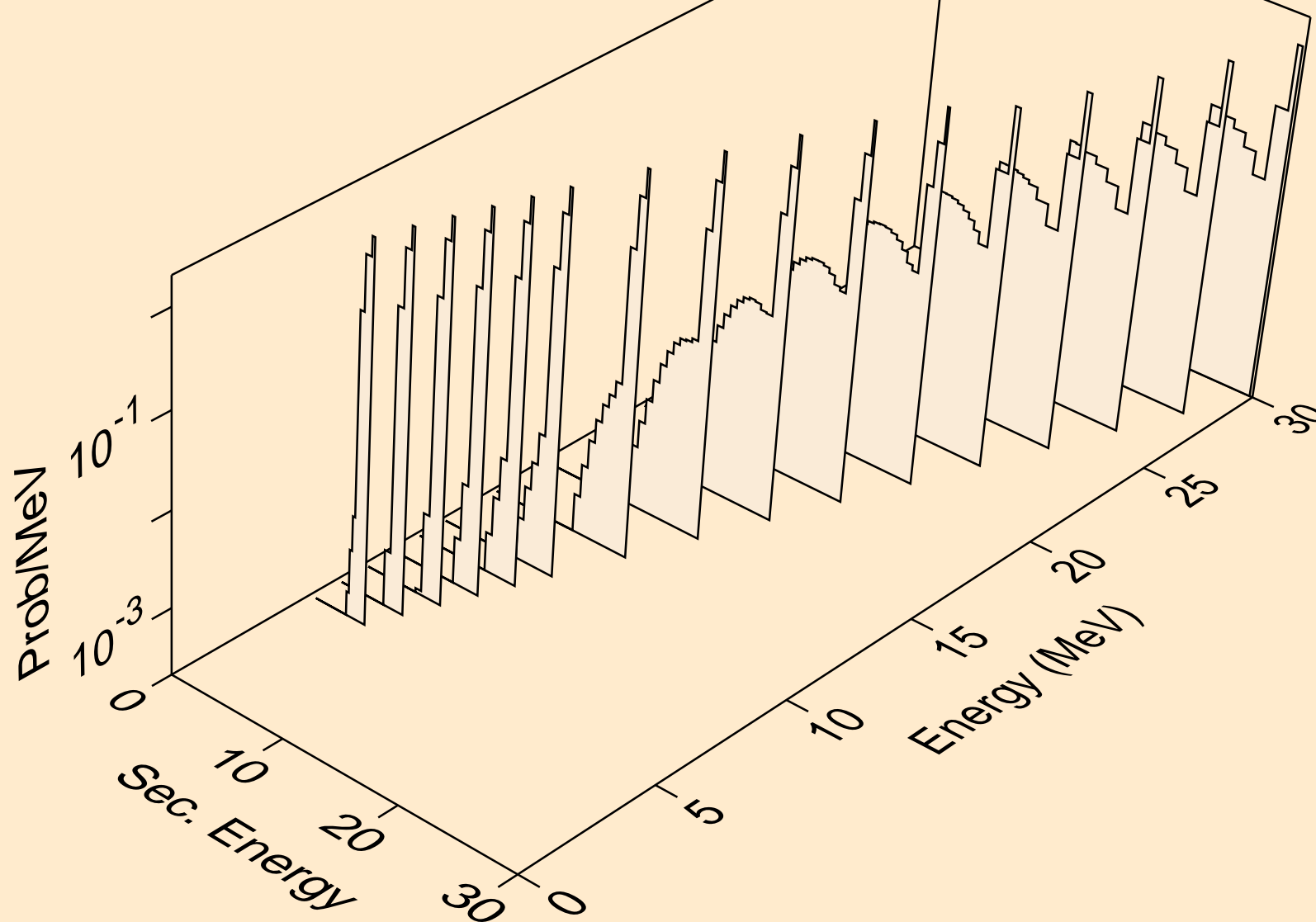
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,n2p)



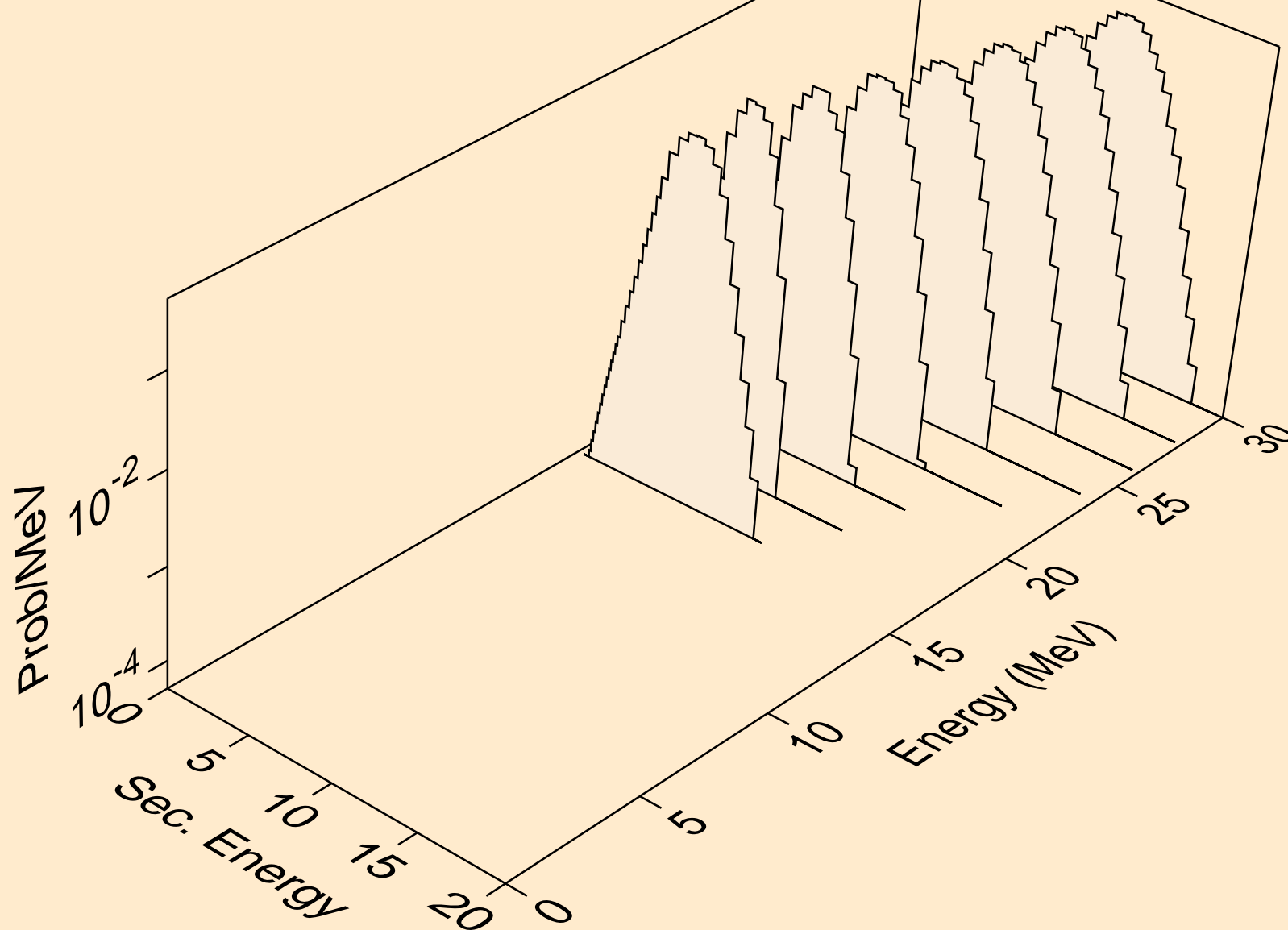
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for inelastic



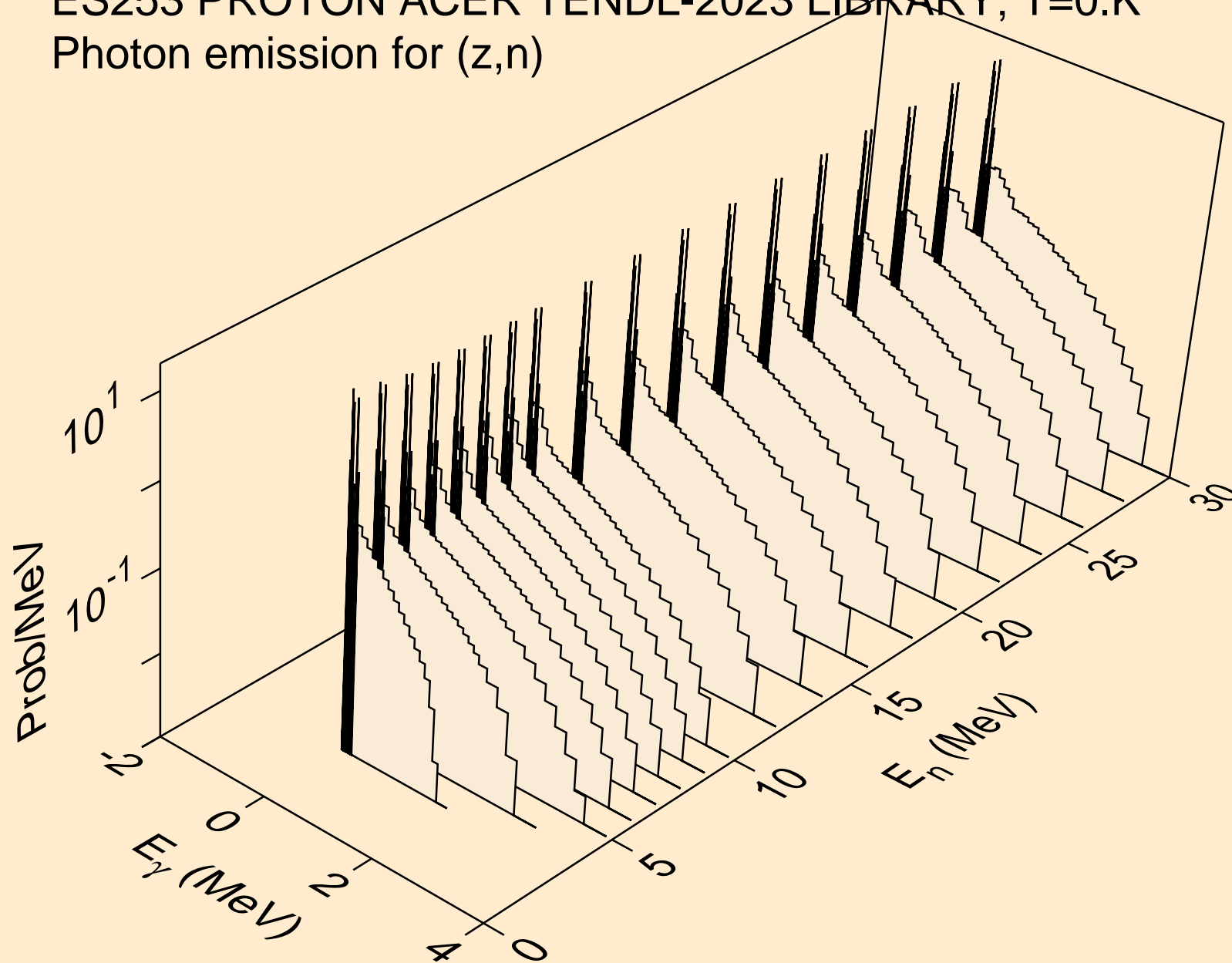
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,2p)



# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

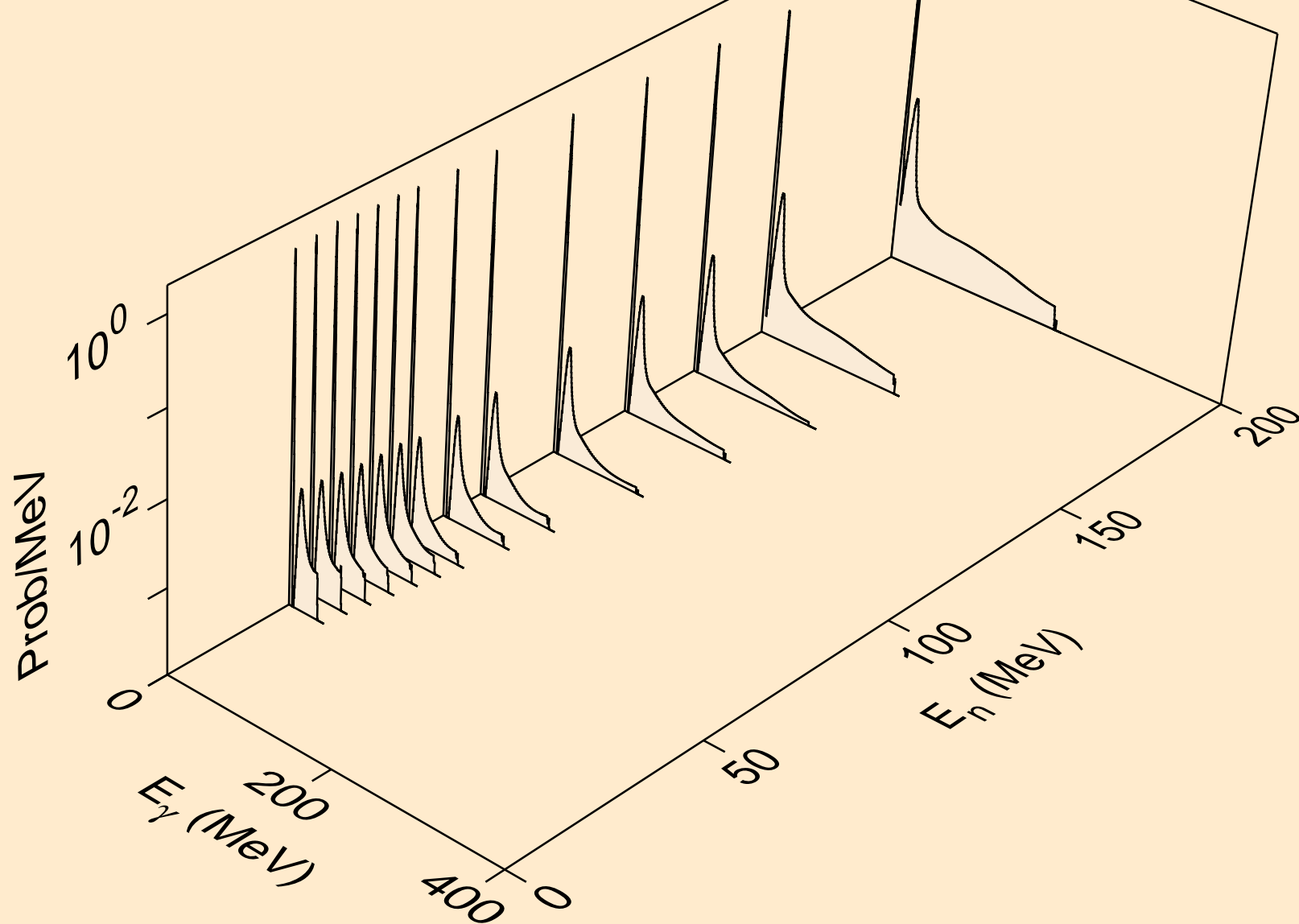
Photon emission for (z,n)





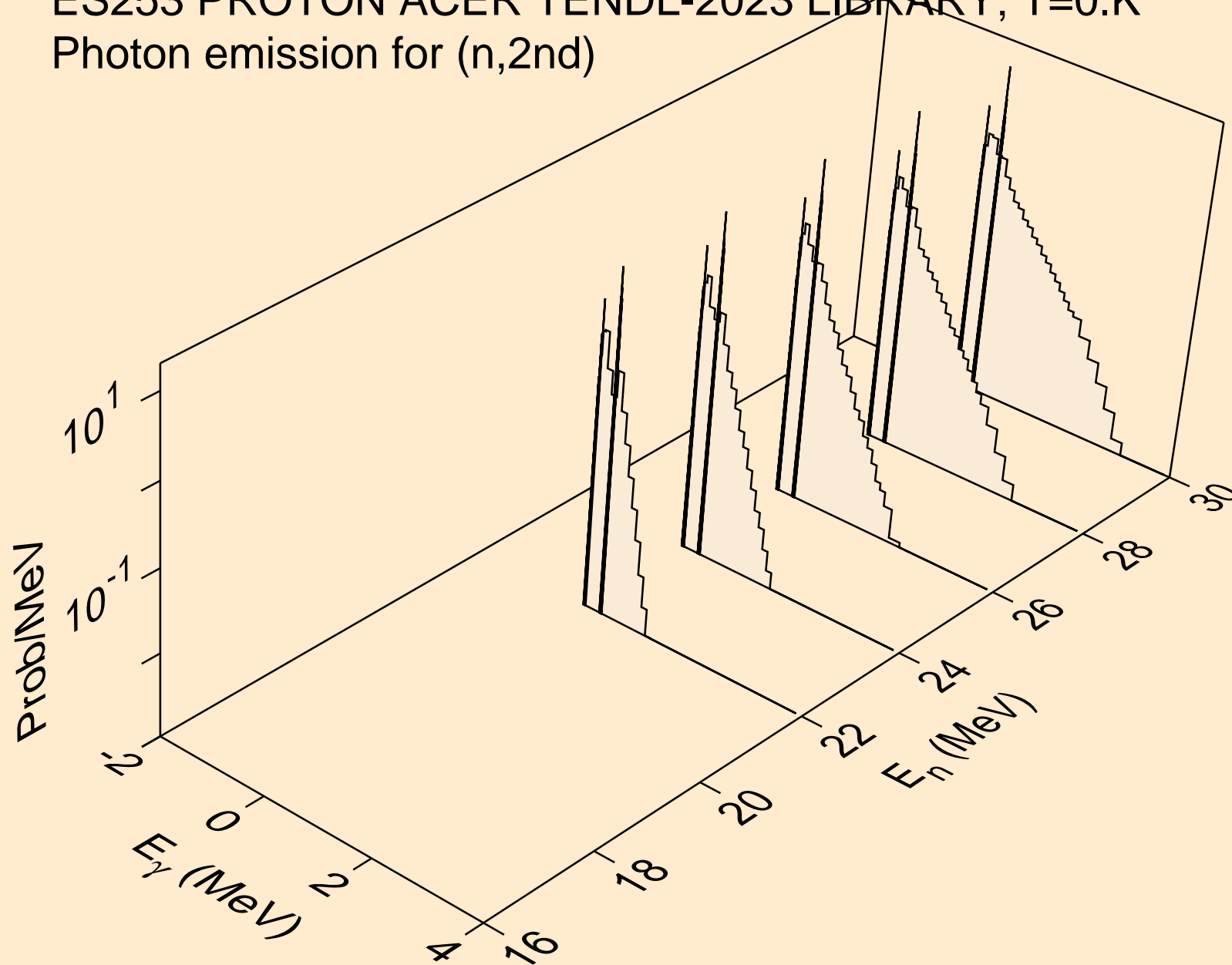
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,x)

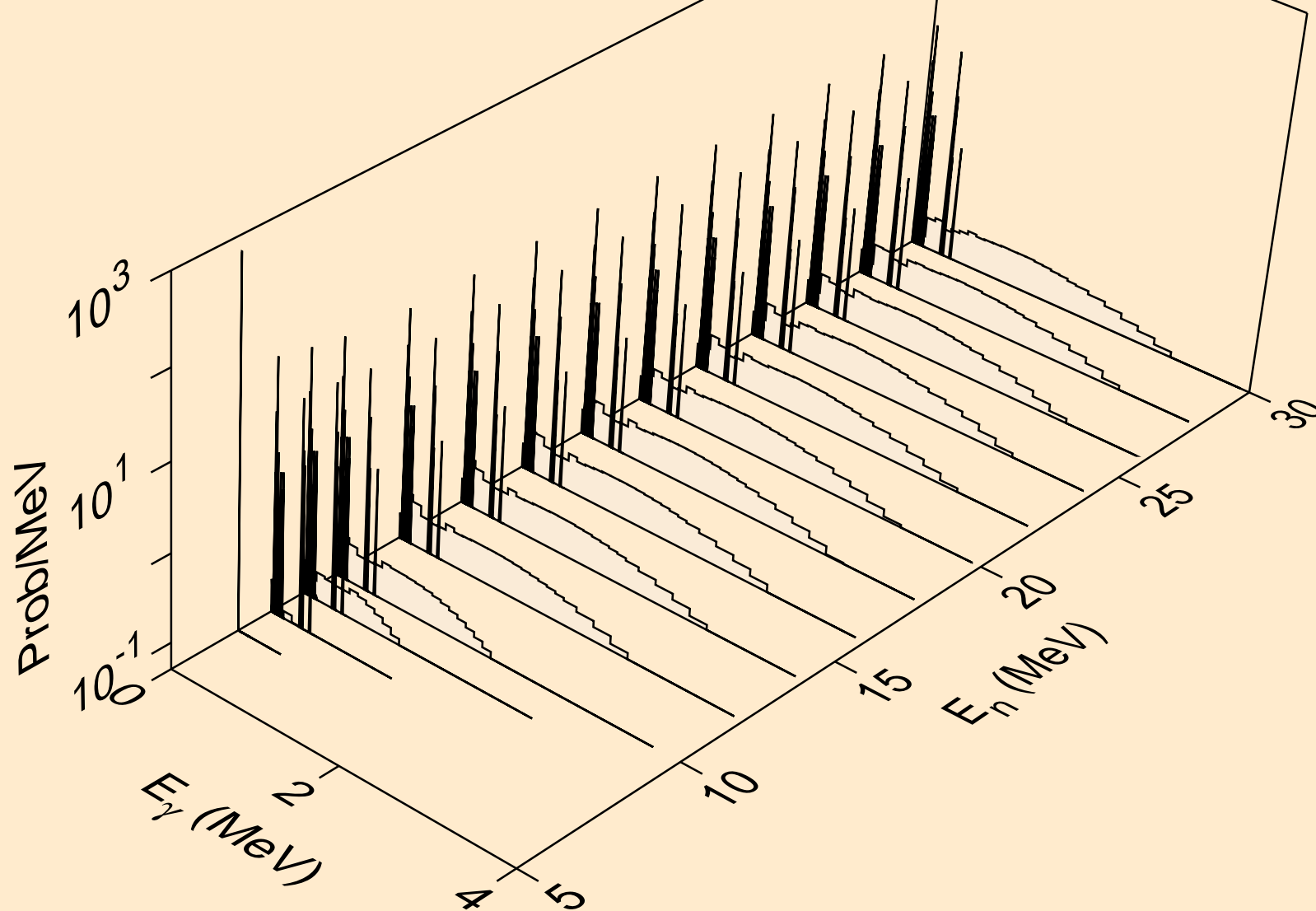


# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2nd)

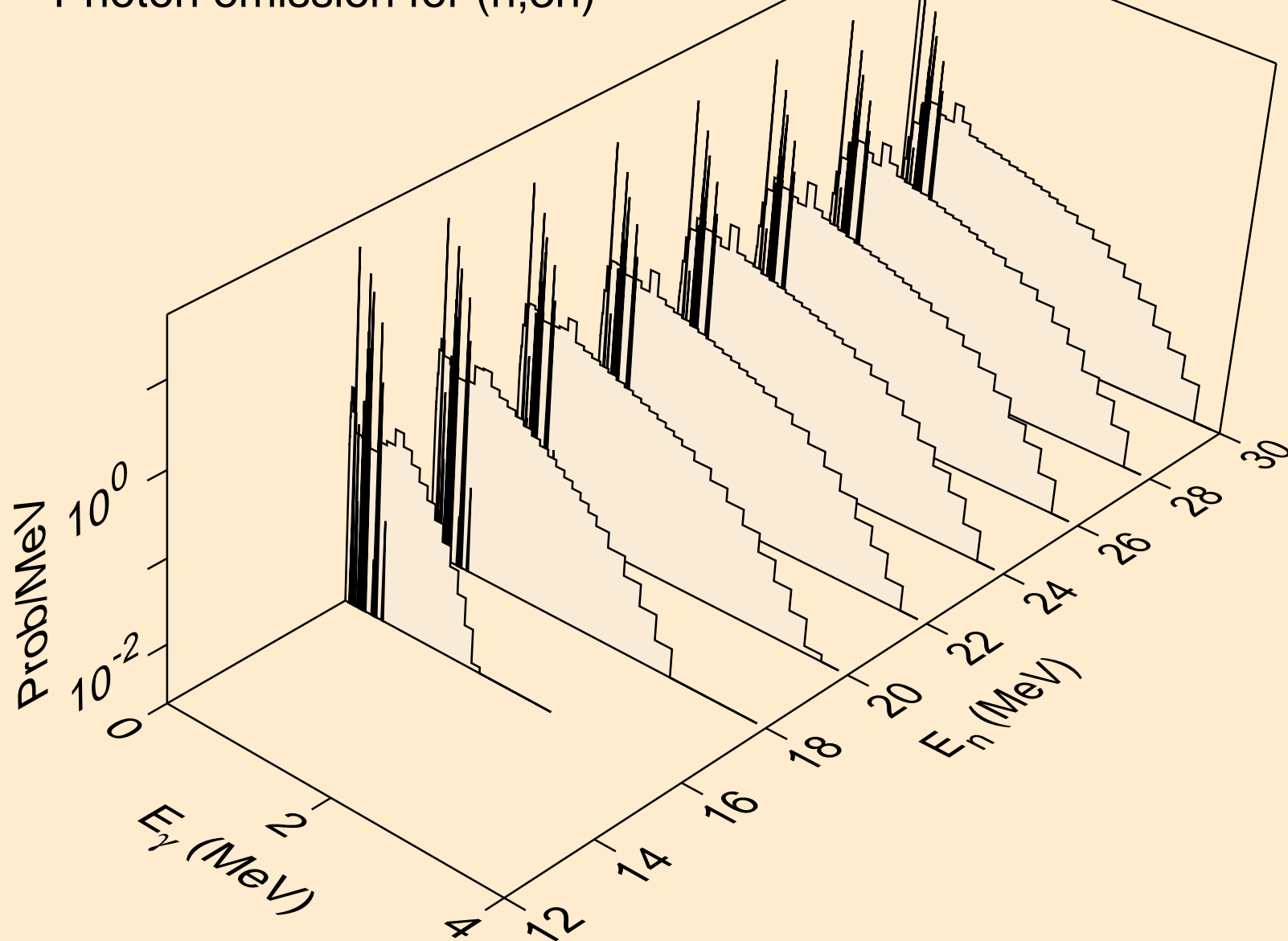


ES253 PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,2n)



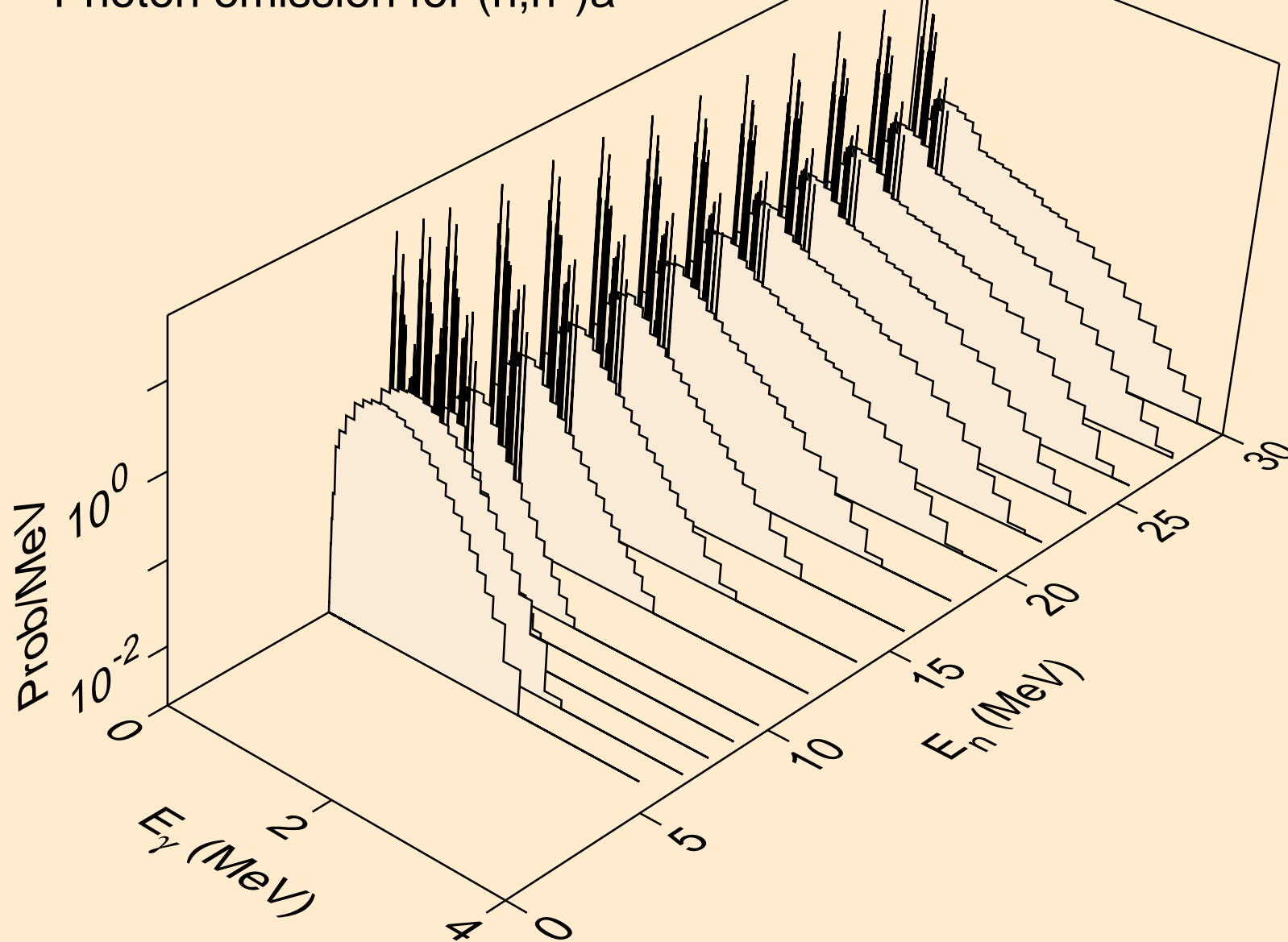
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n)



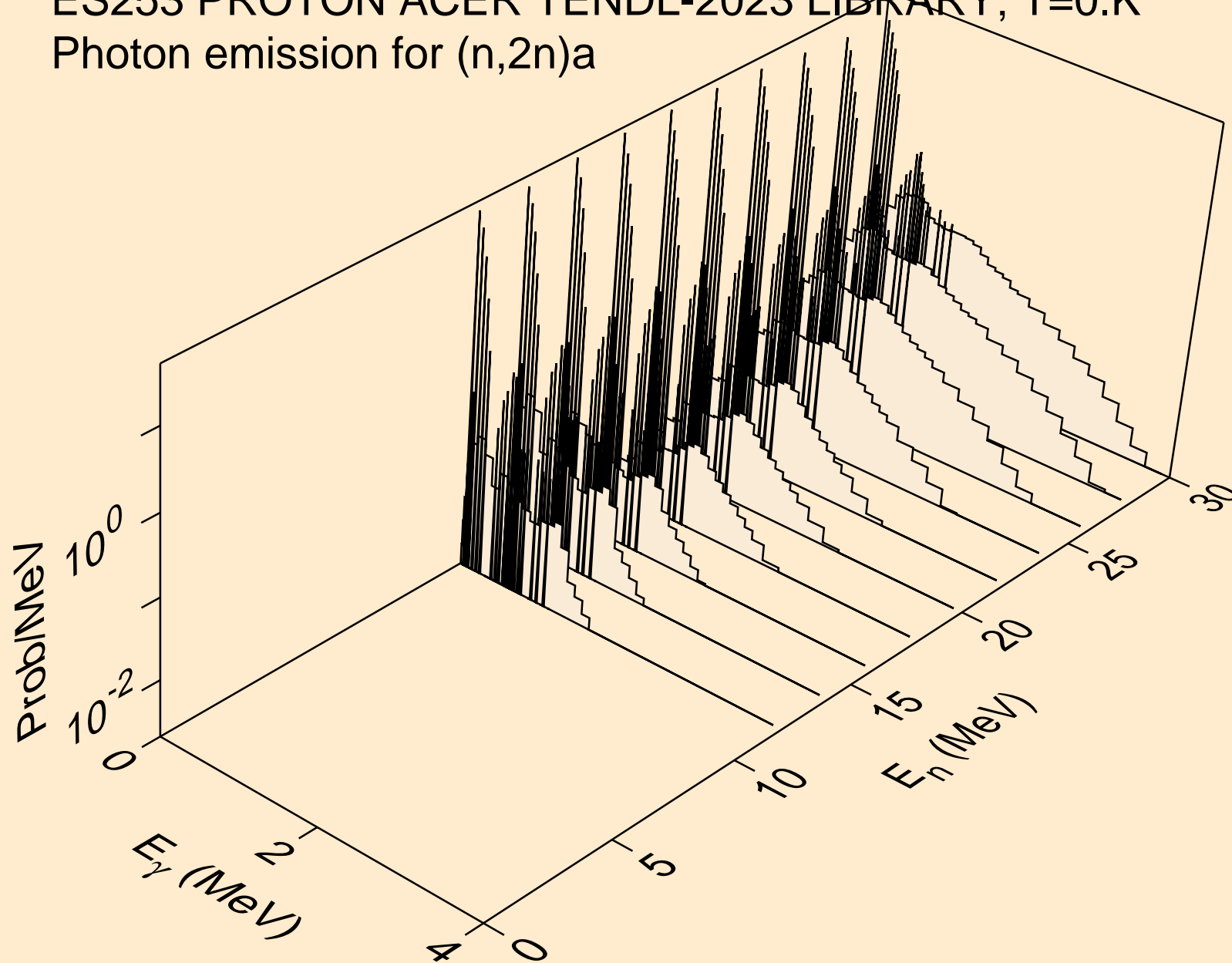
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a



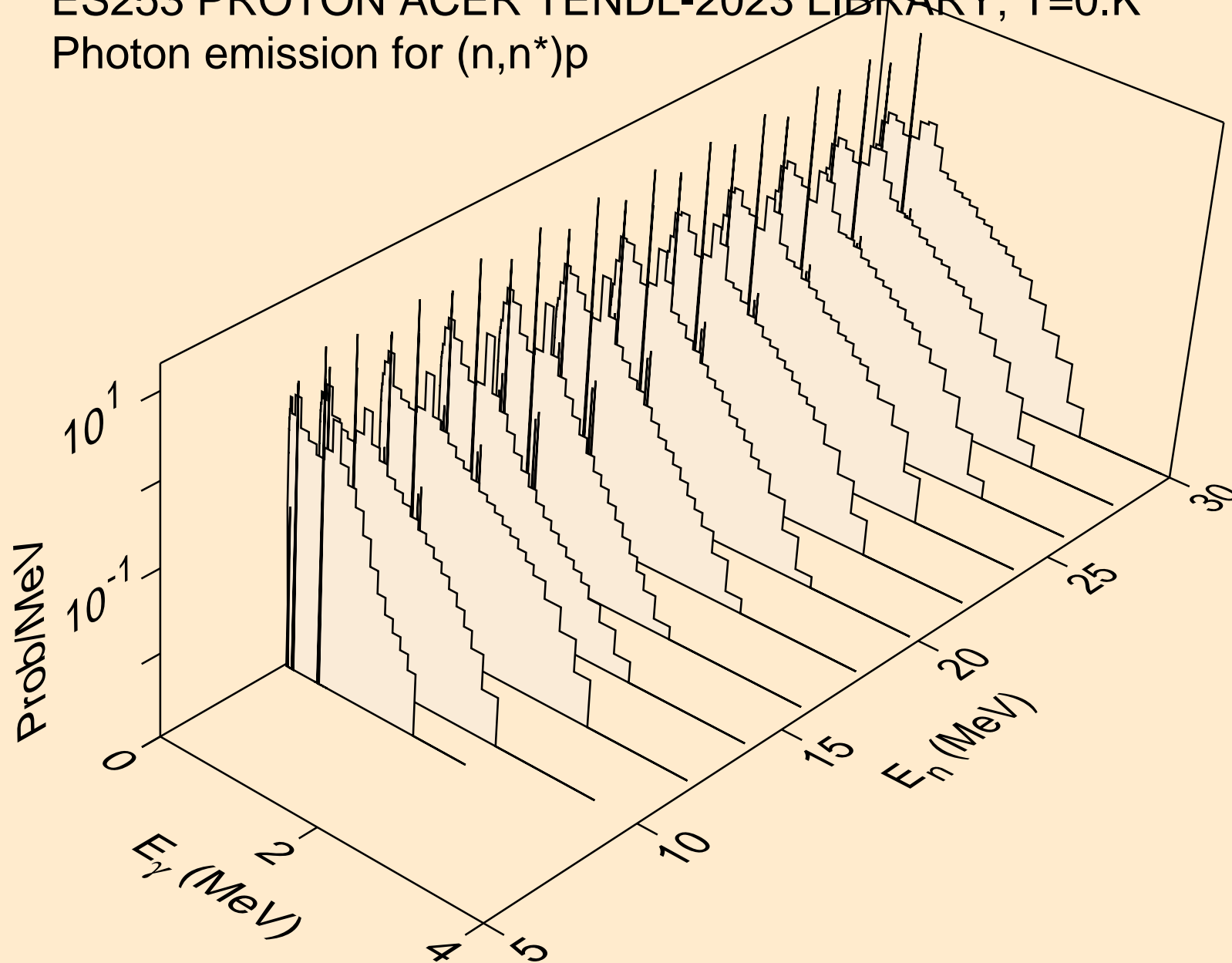
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

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



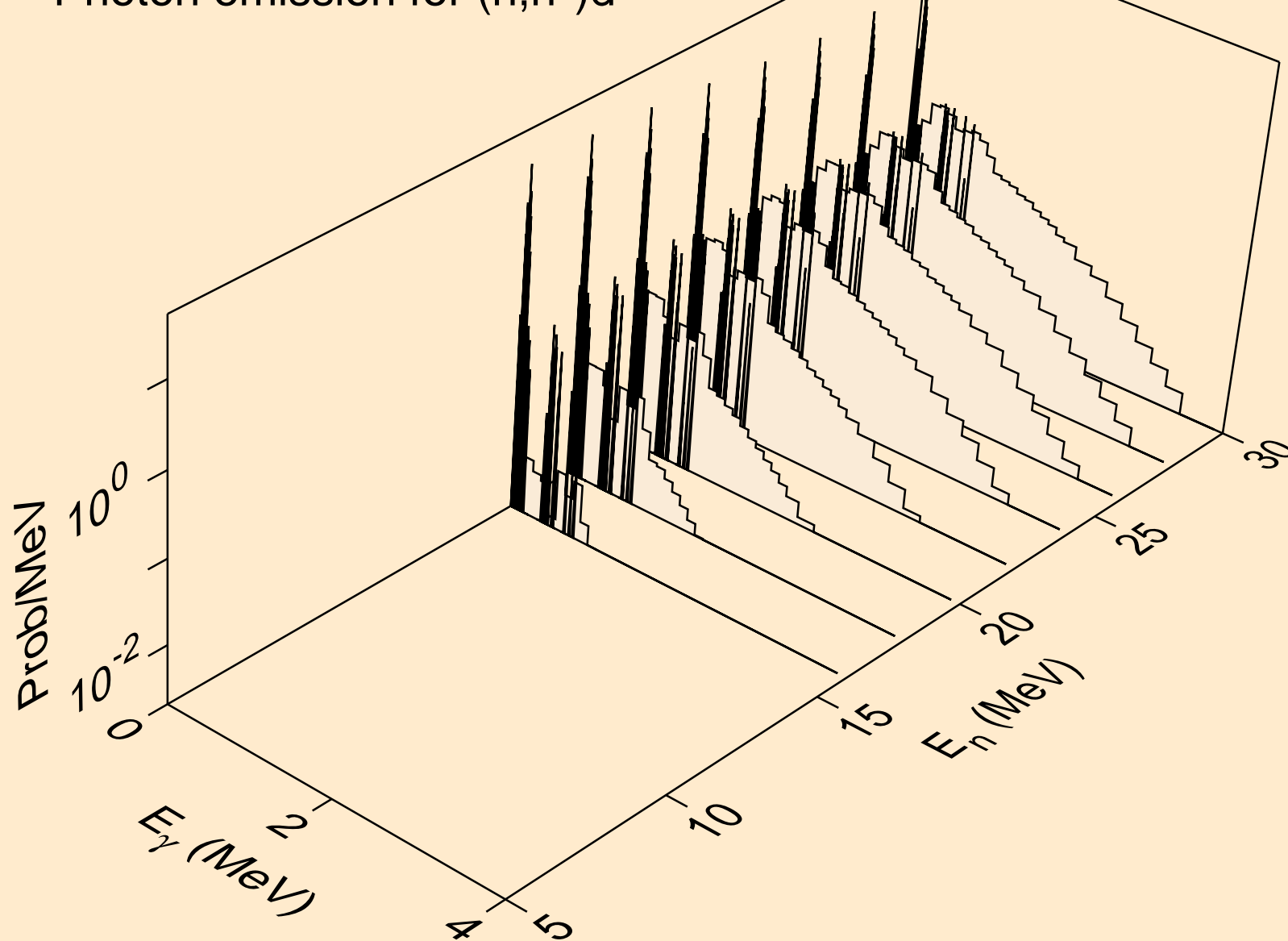
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)p



# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

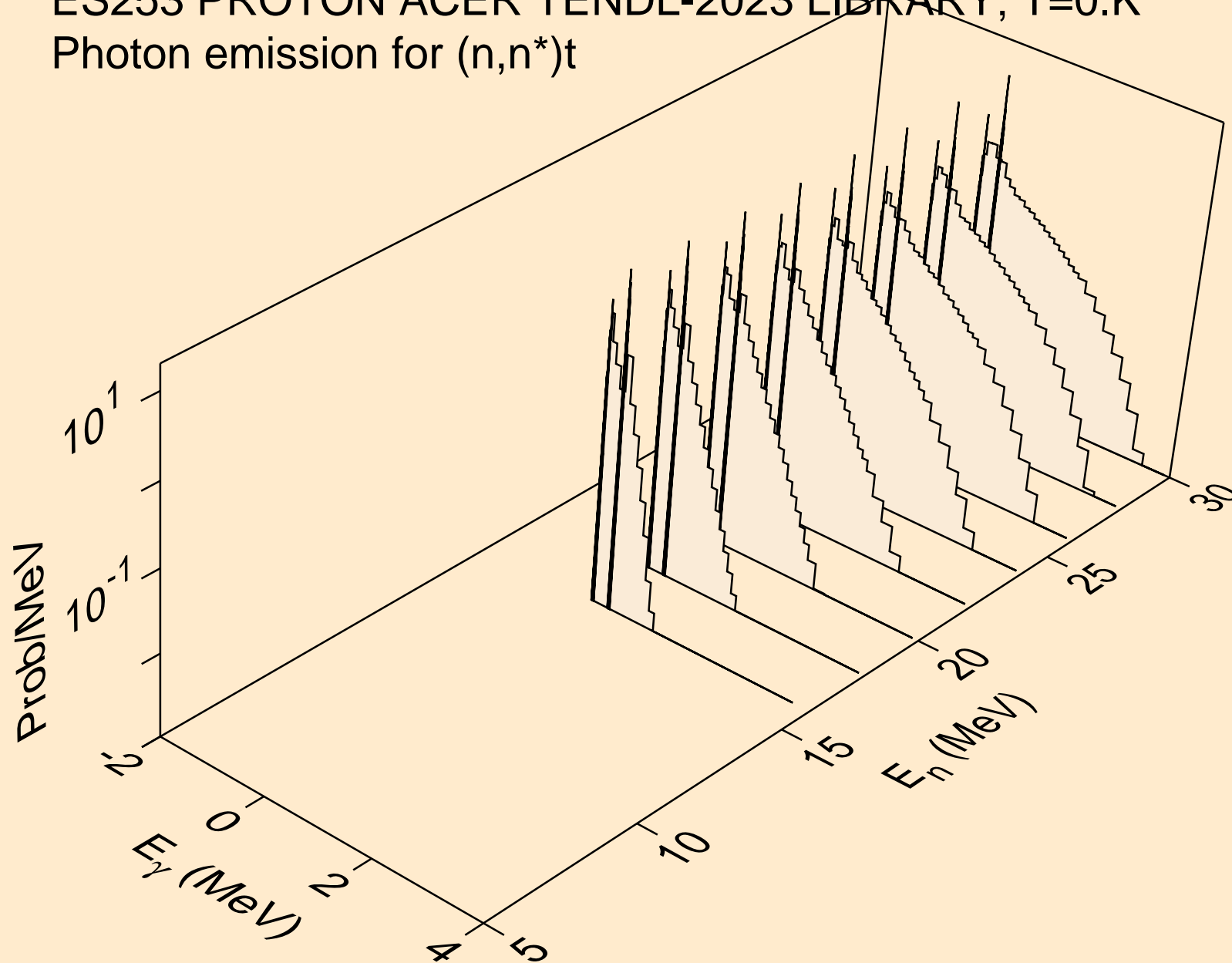
Photon emission for (n,n\*)d





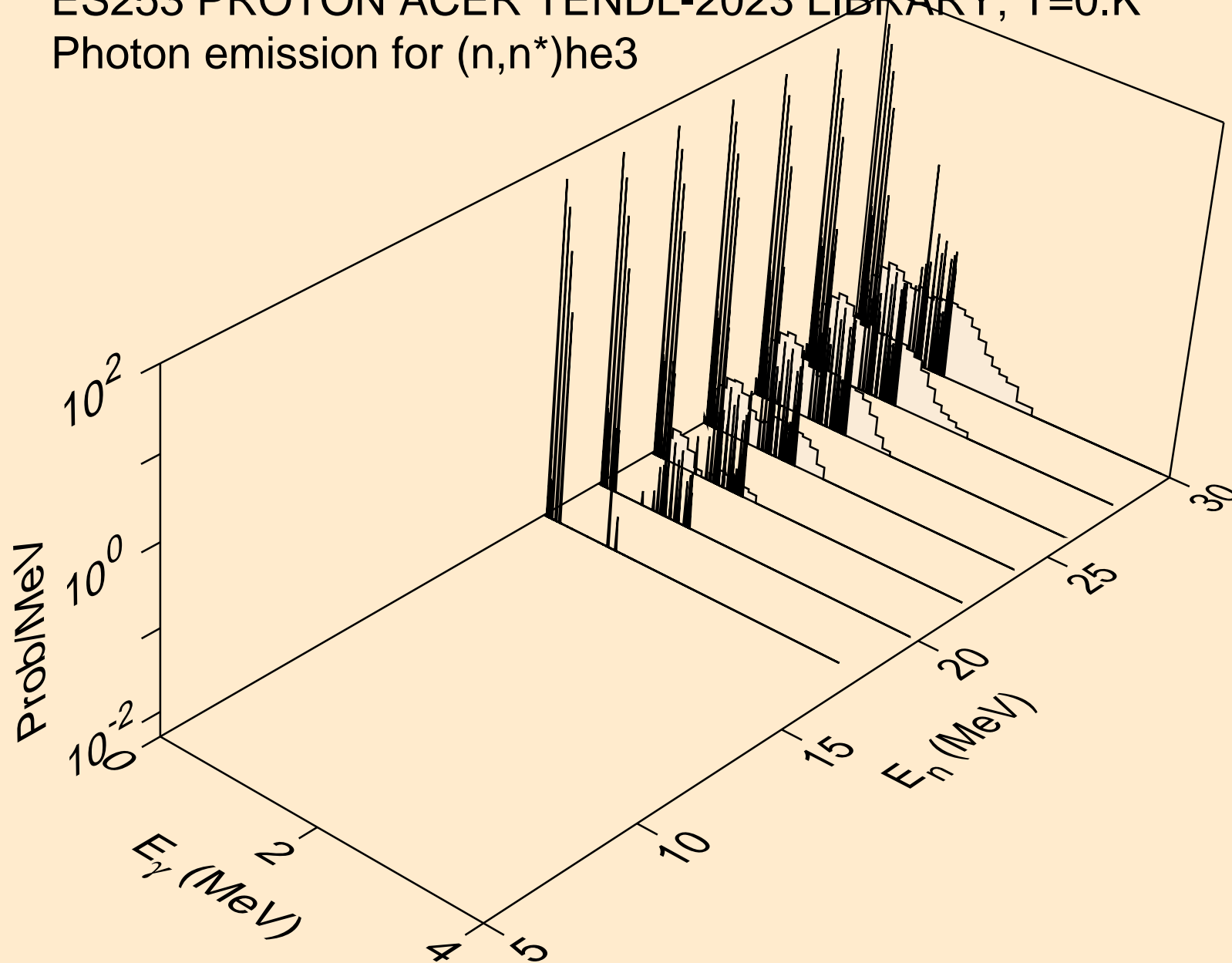
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)t



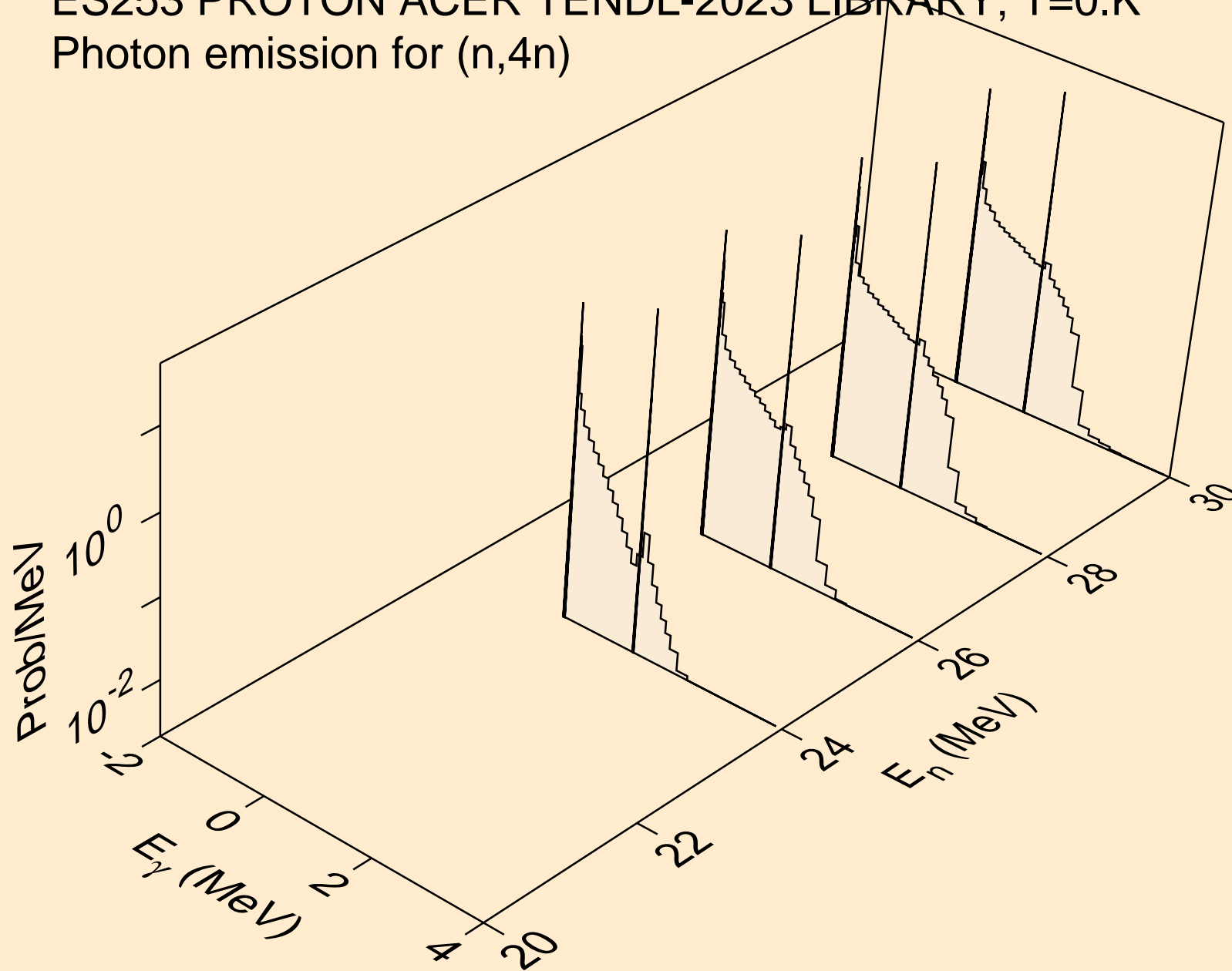
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)he3



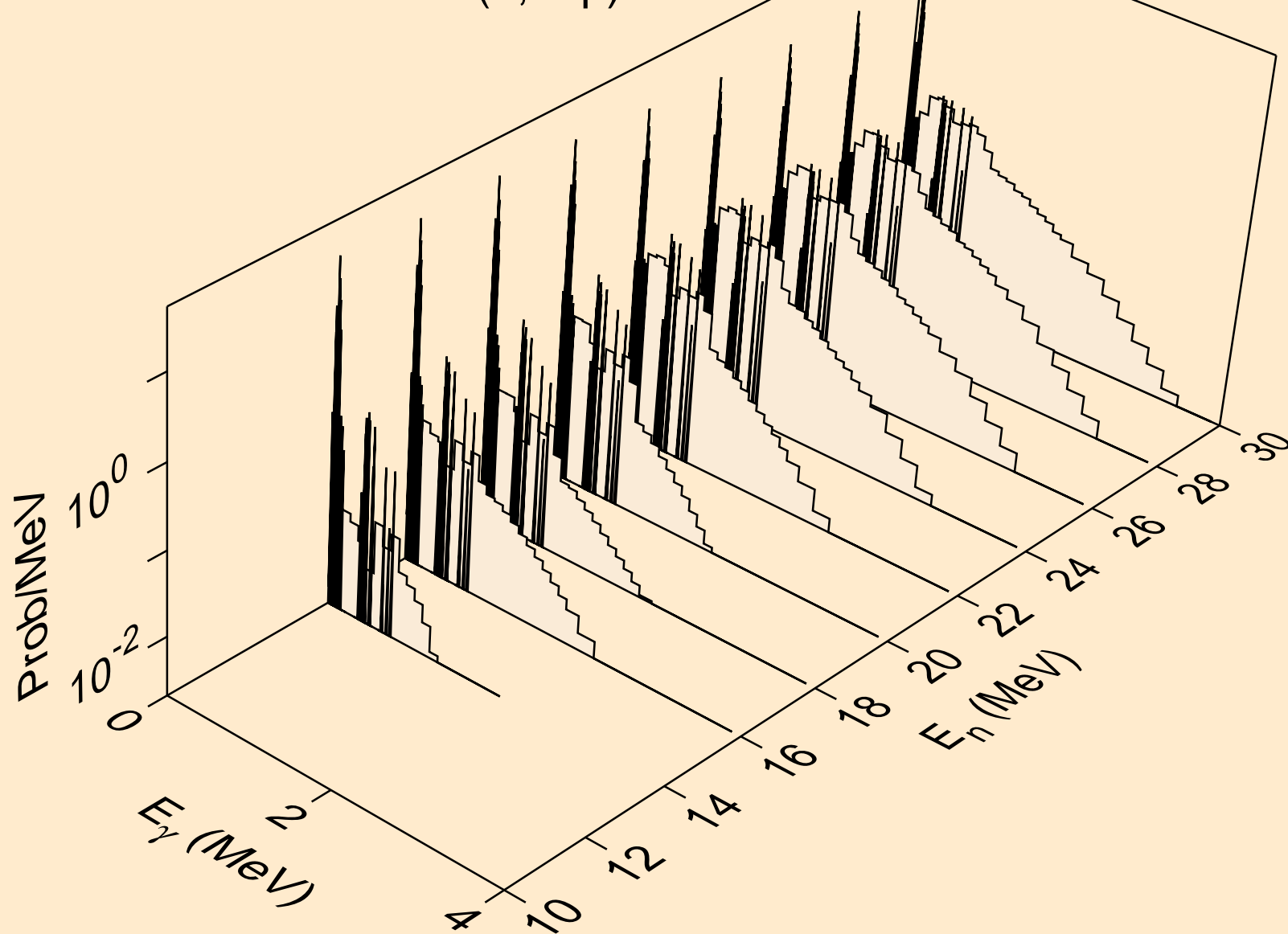
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,4n)



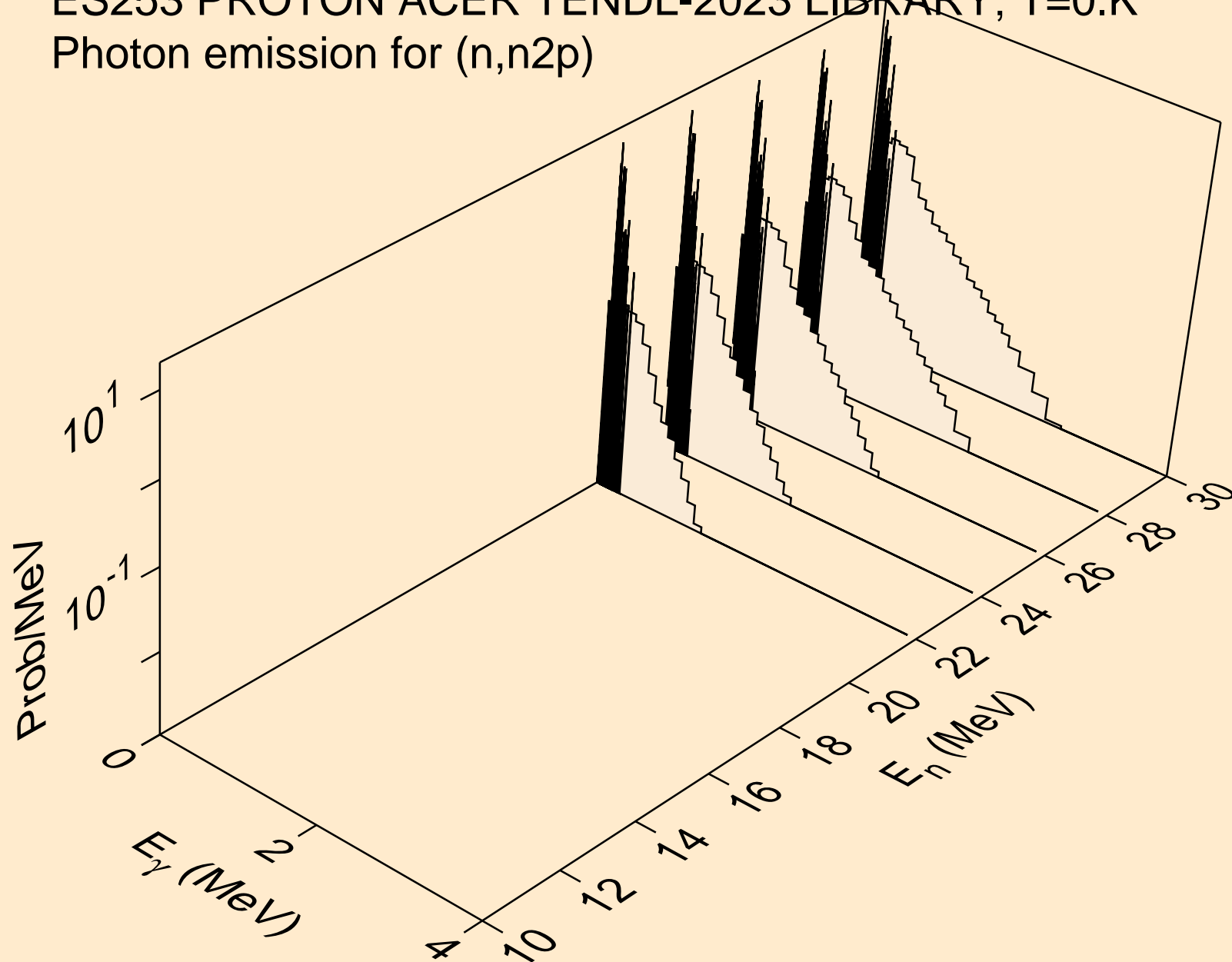
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2np)

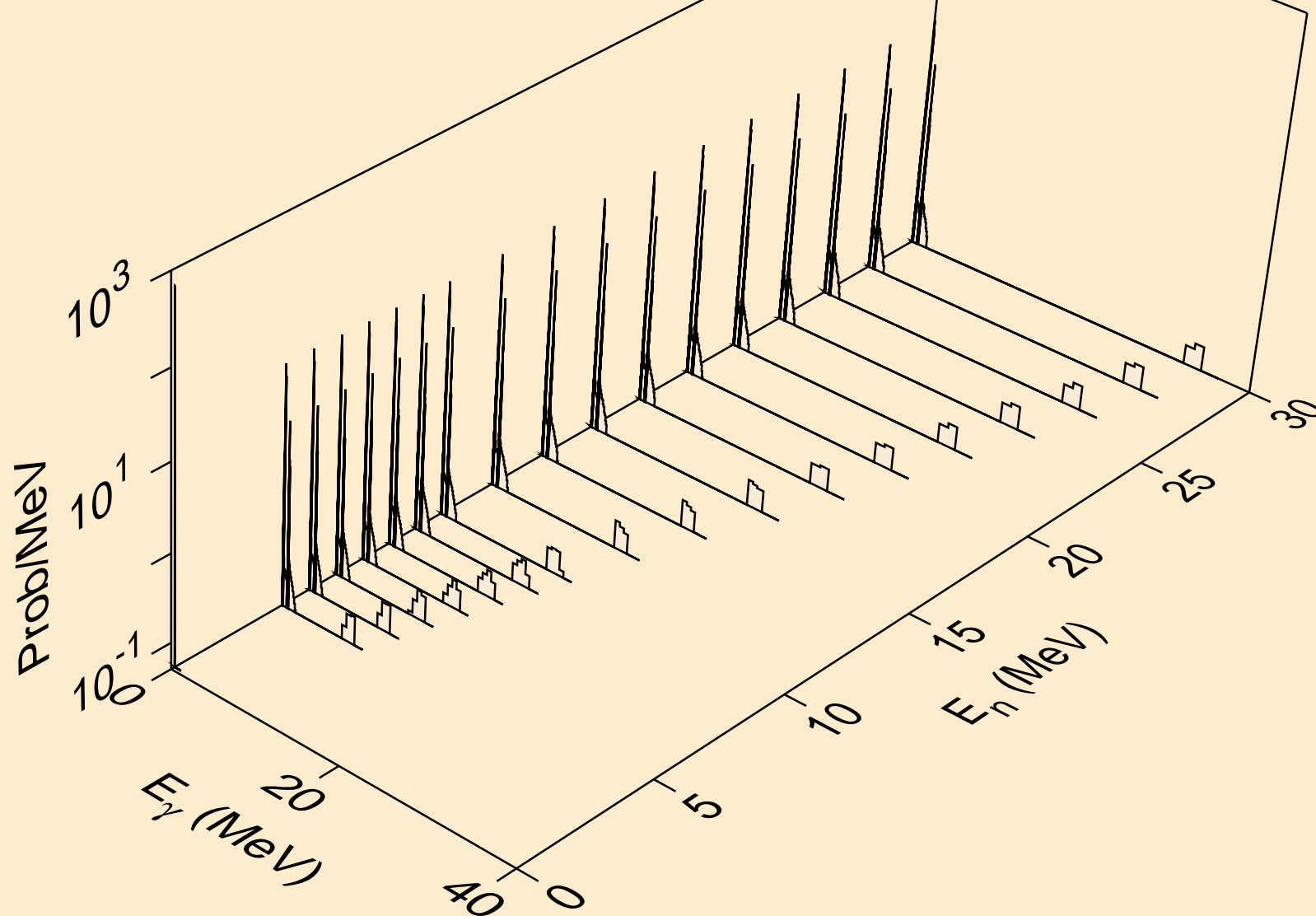


# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n2p)

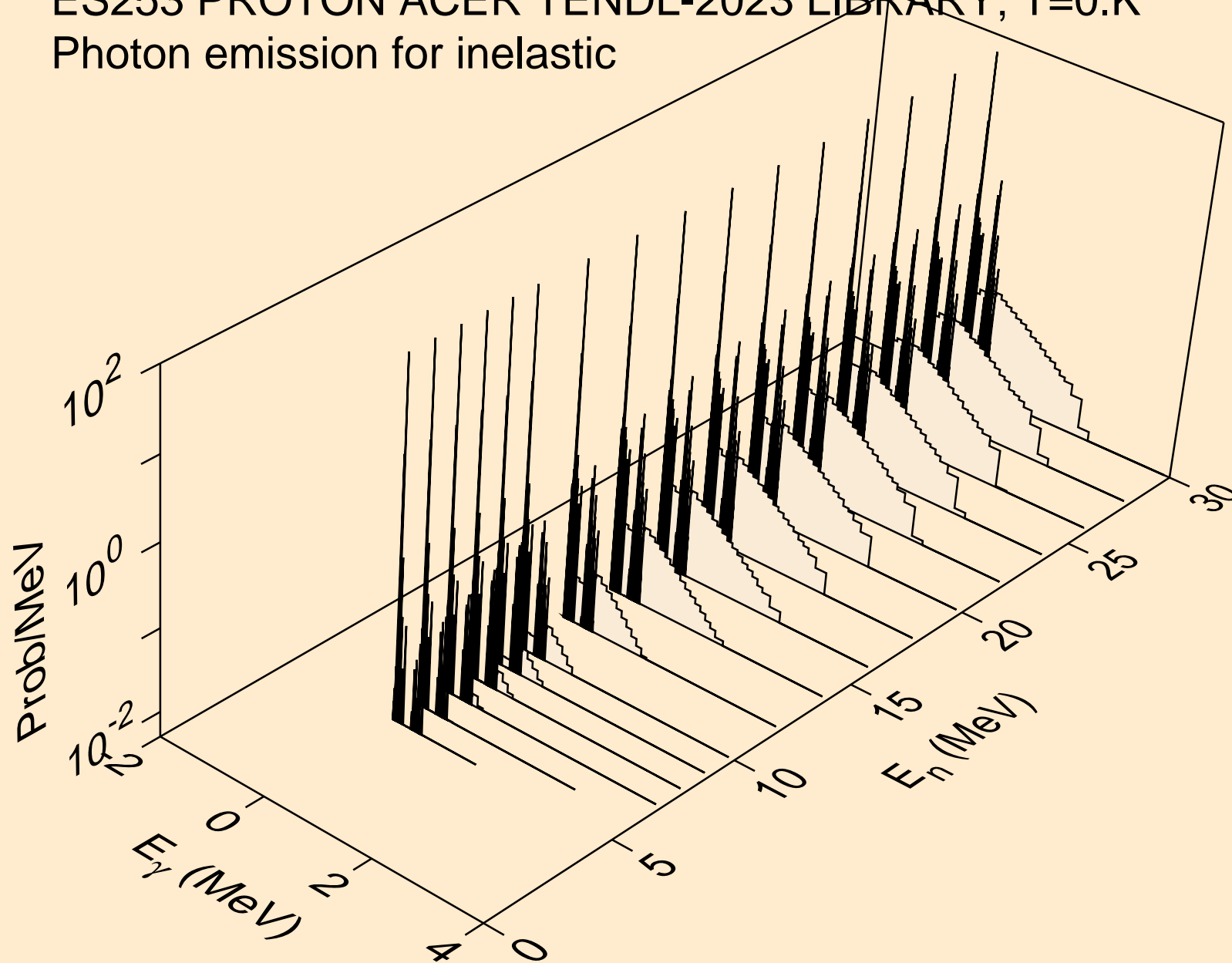


ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



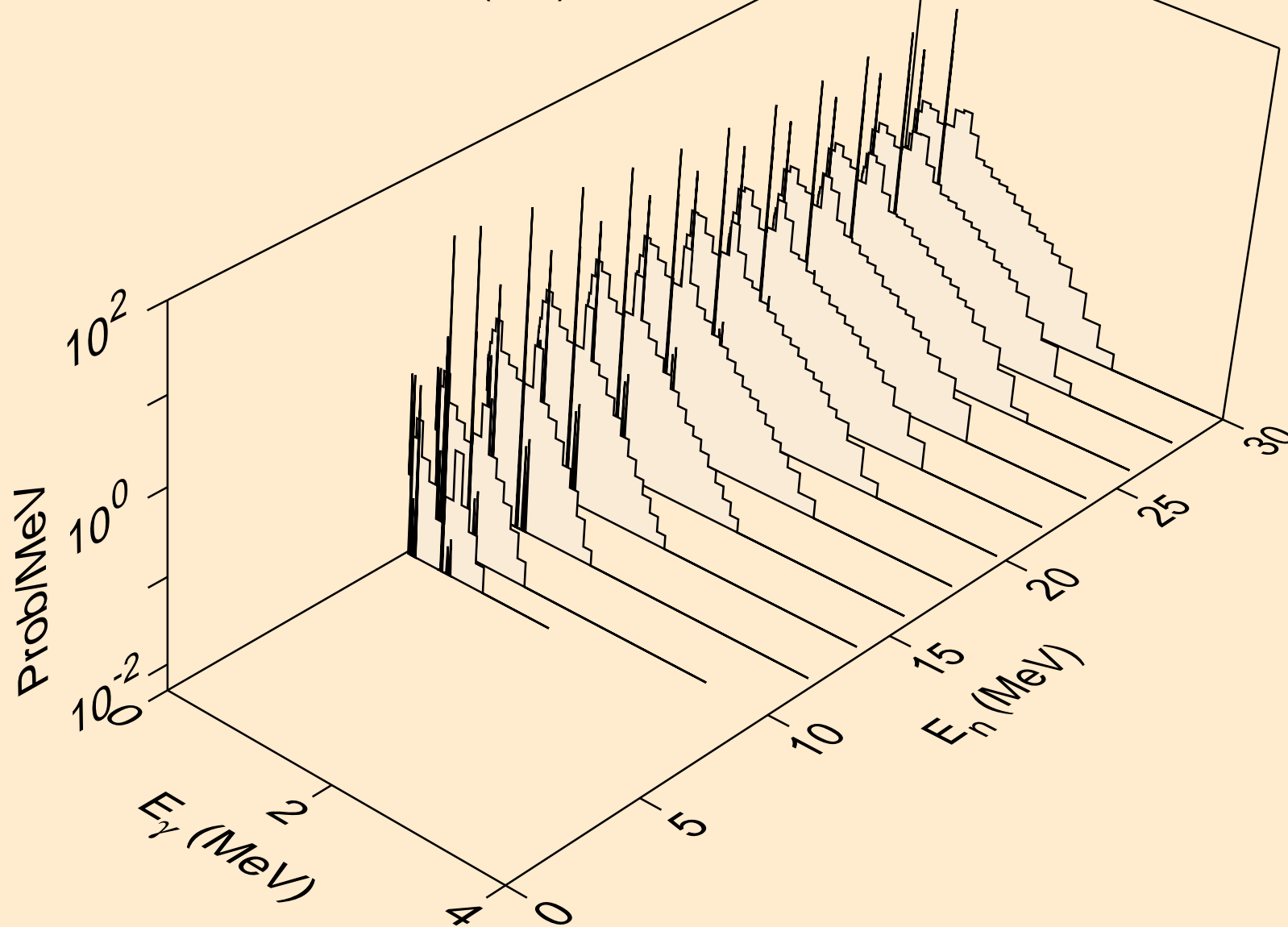
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for inelastic



# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

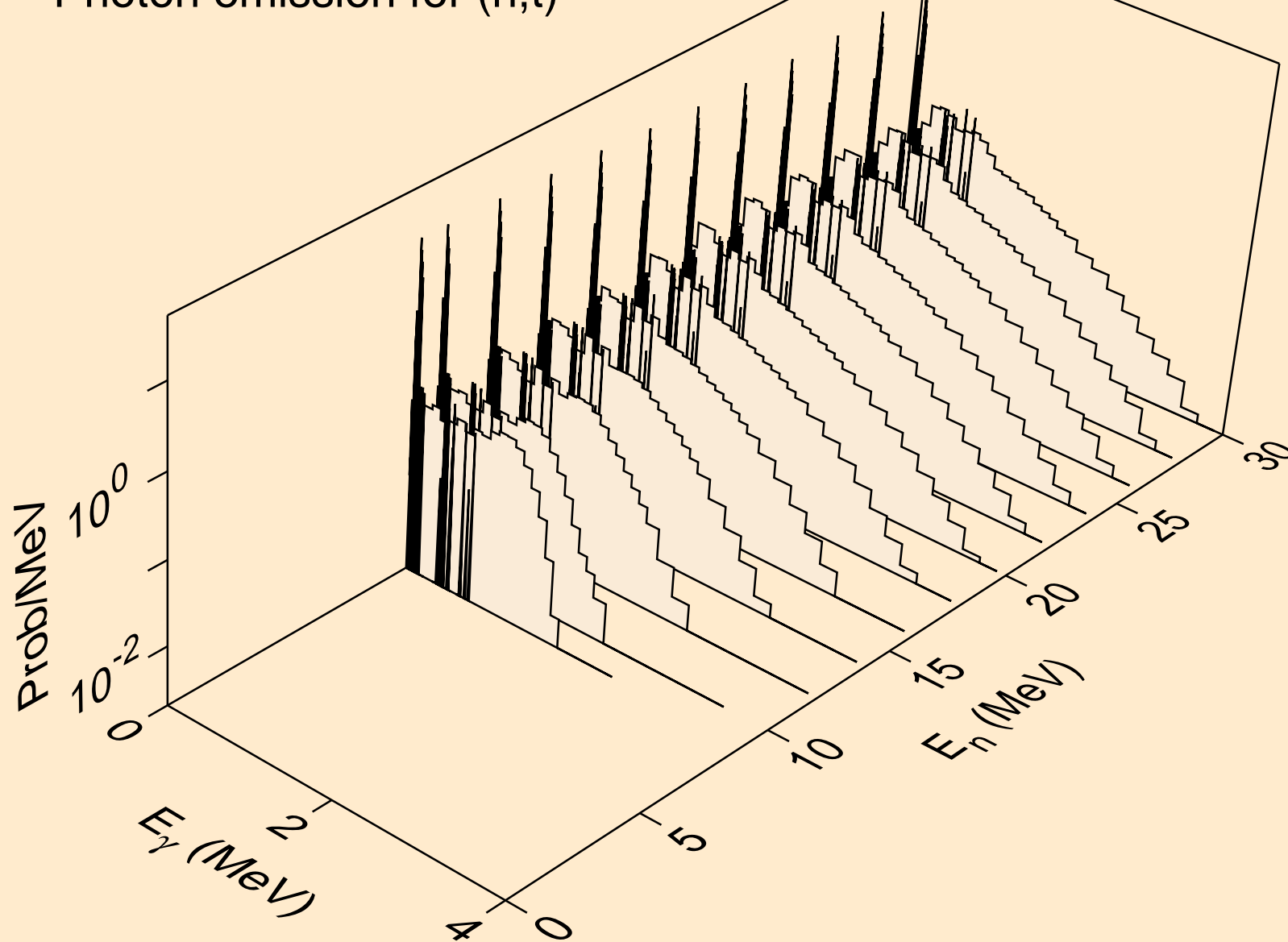
Photon emission for (n,d)





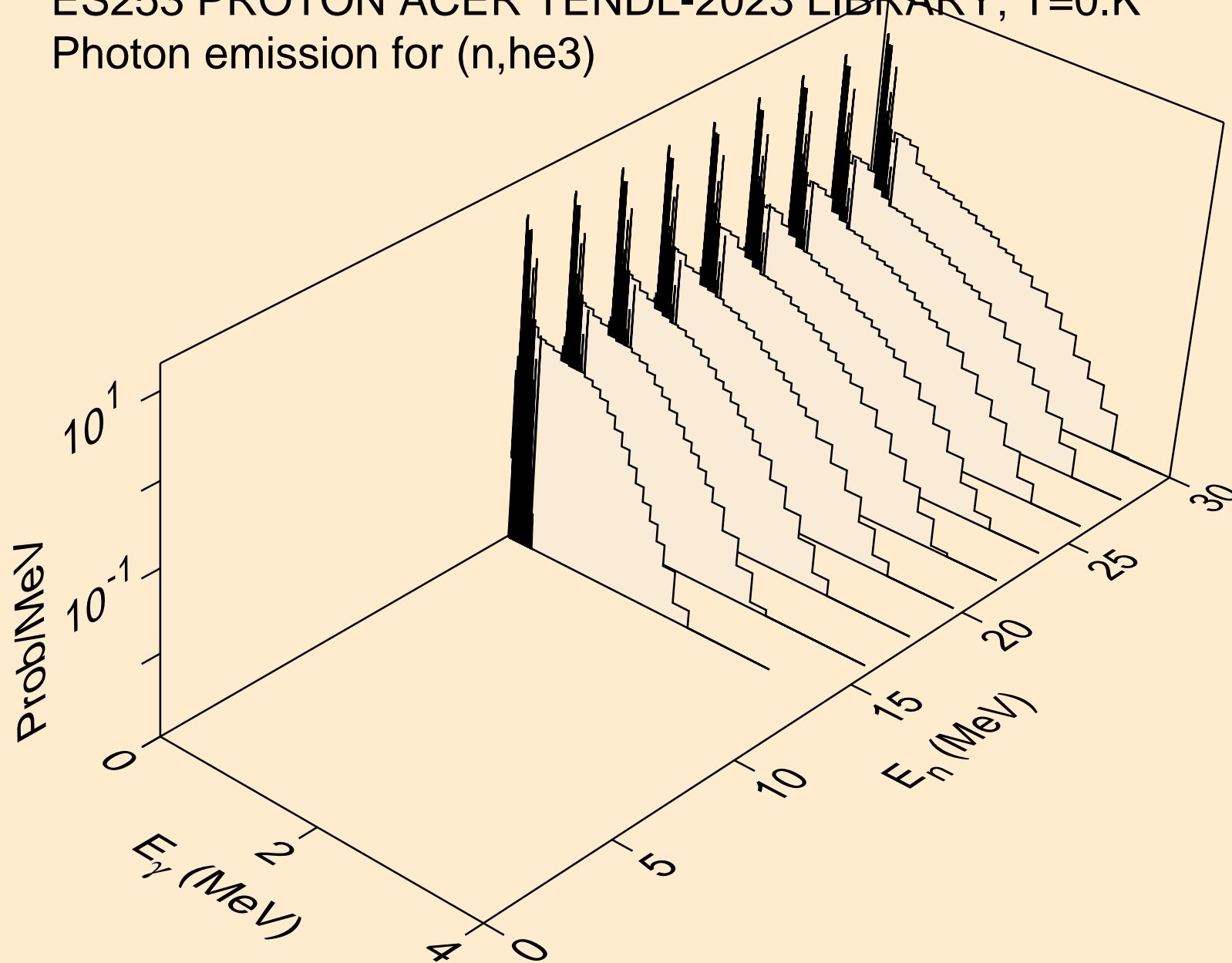
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,t)



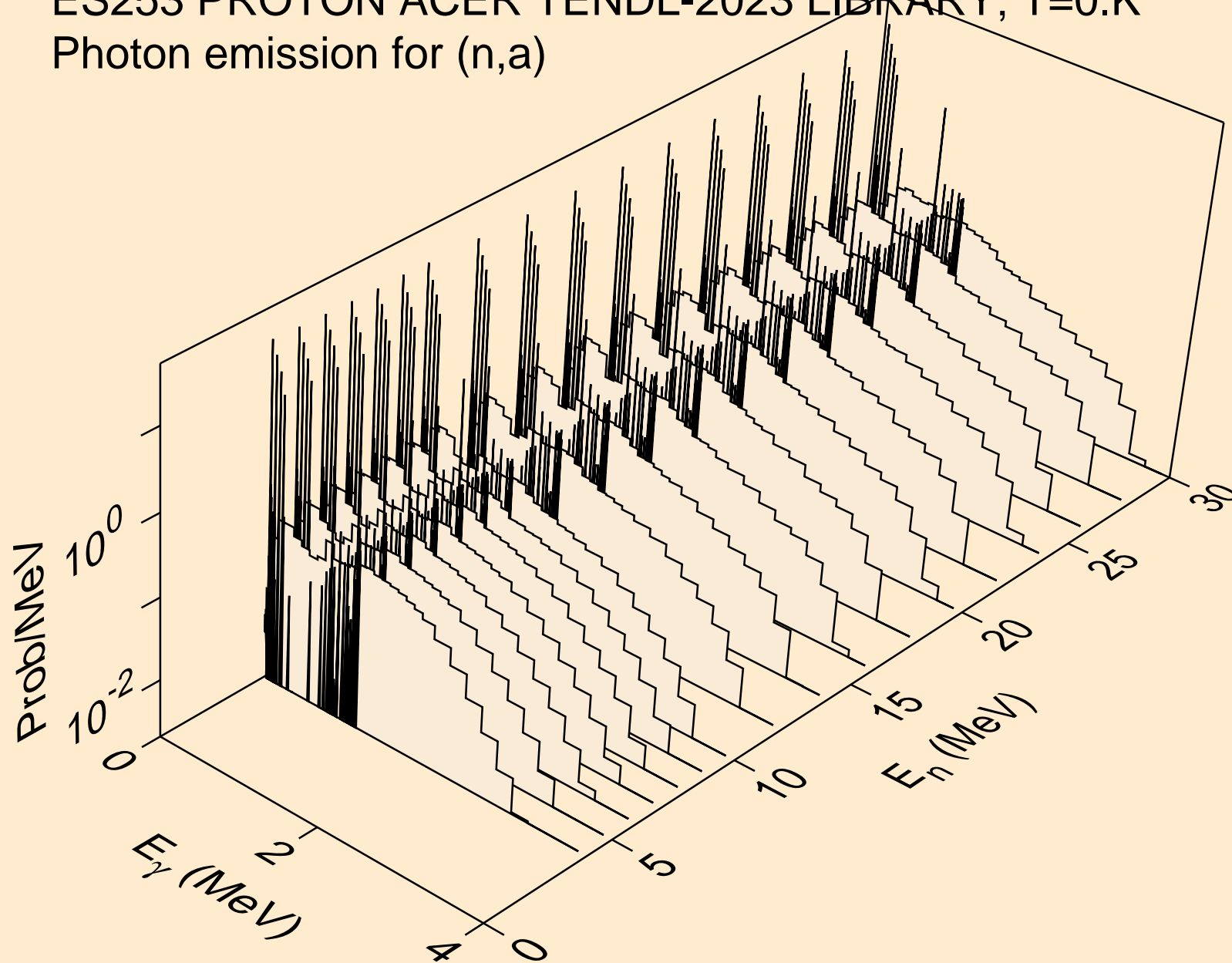
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,he3)



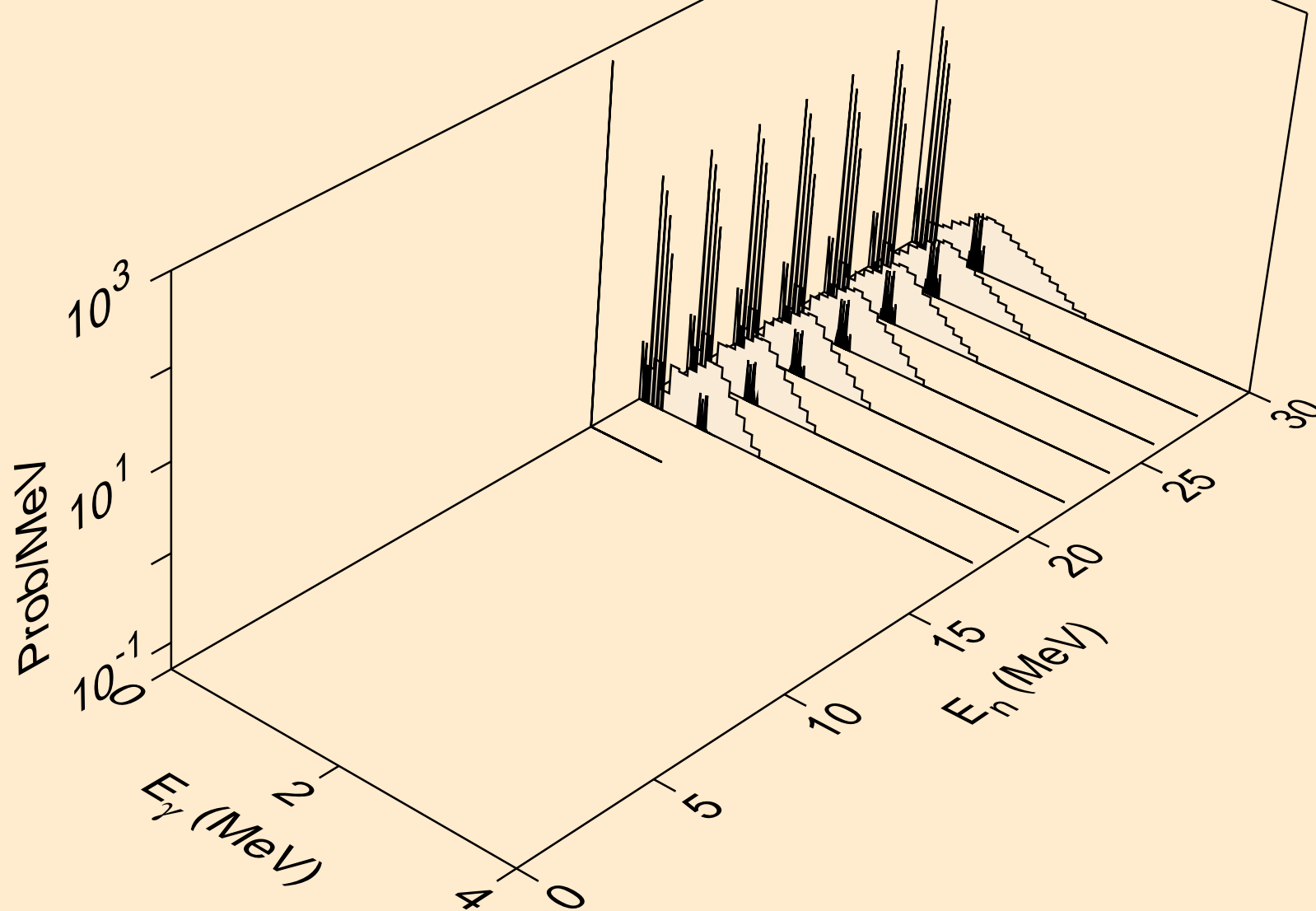
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,a)



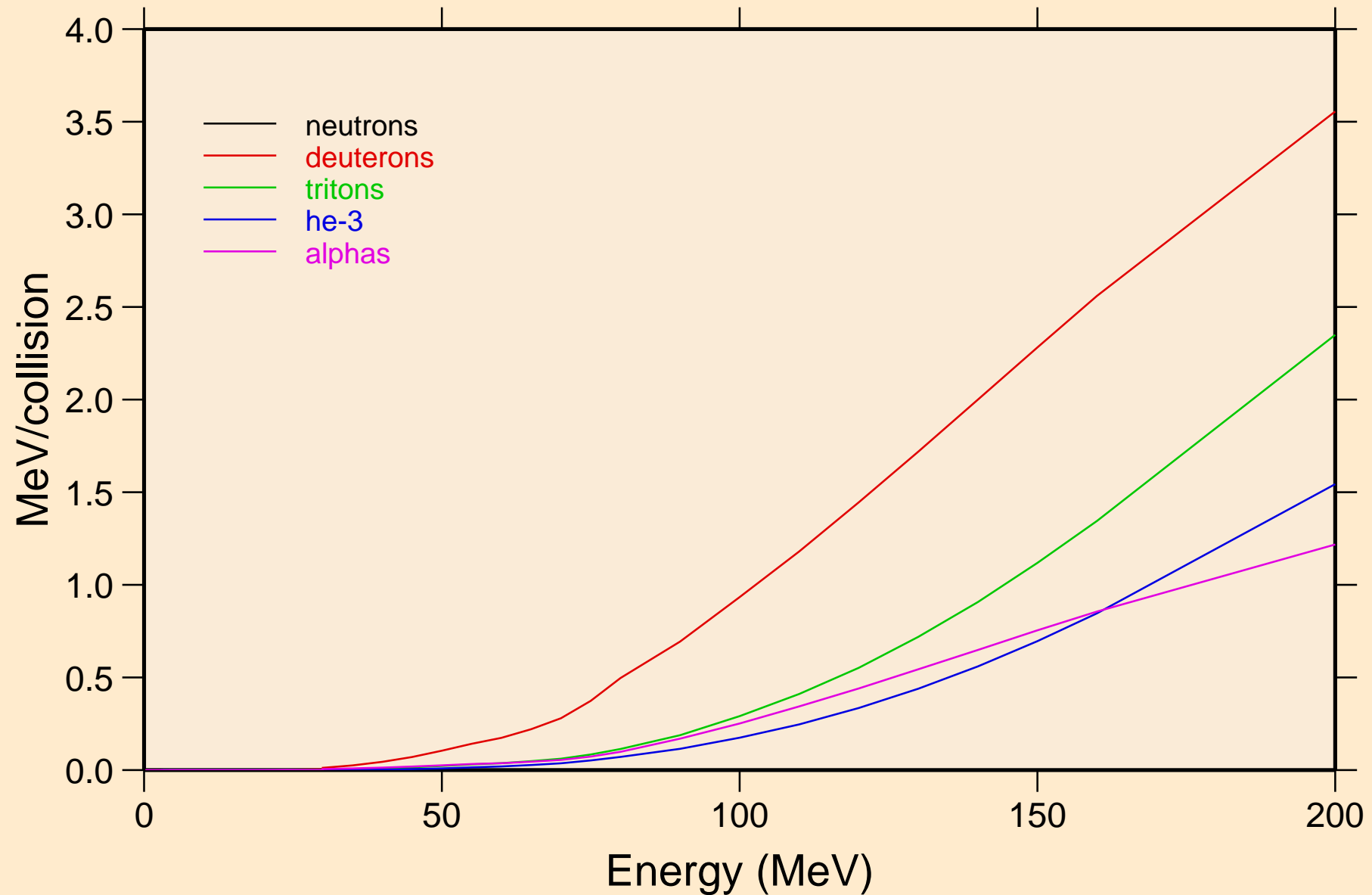
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2p)



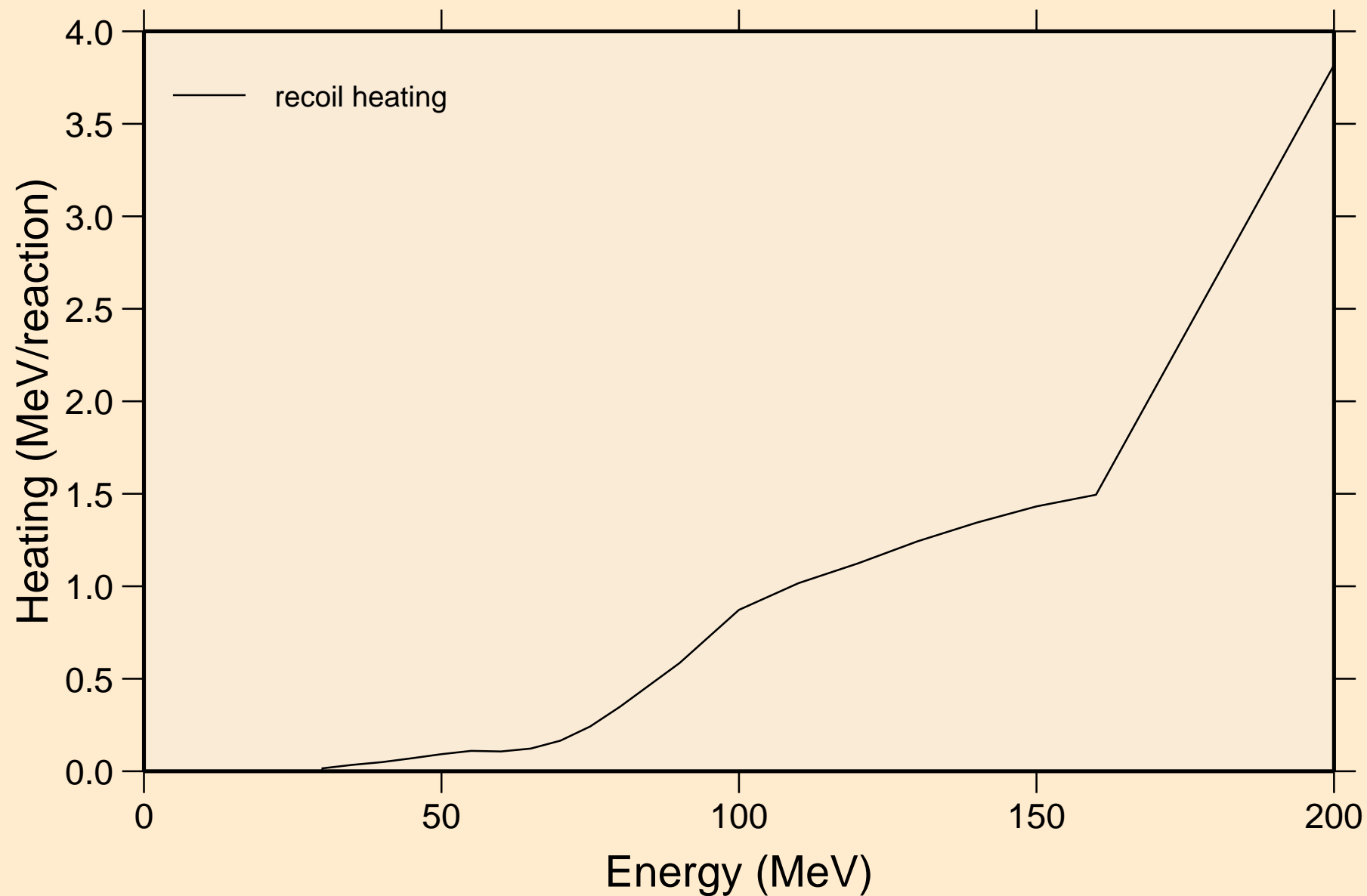
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



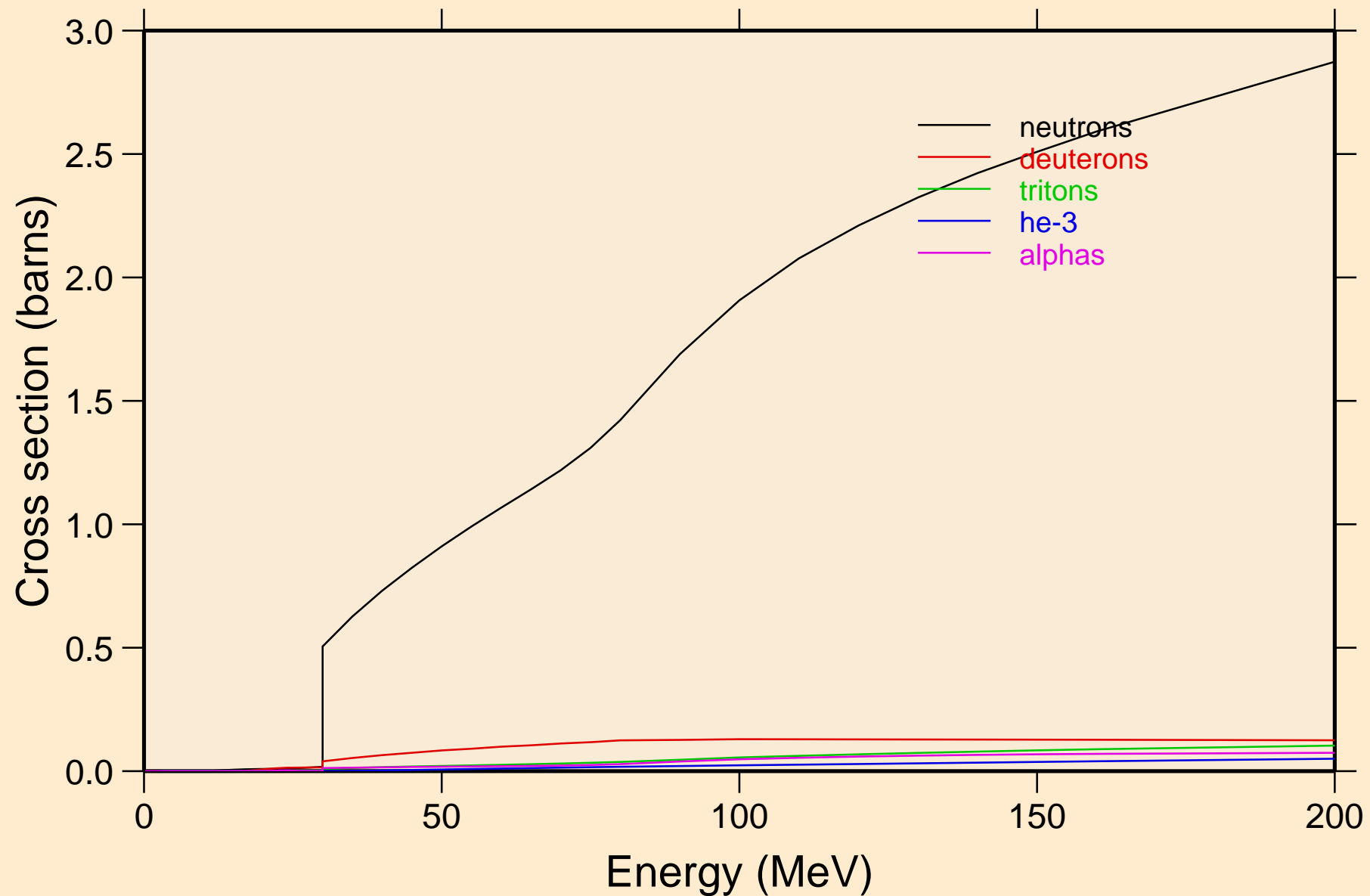
# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

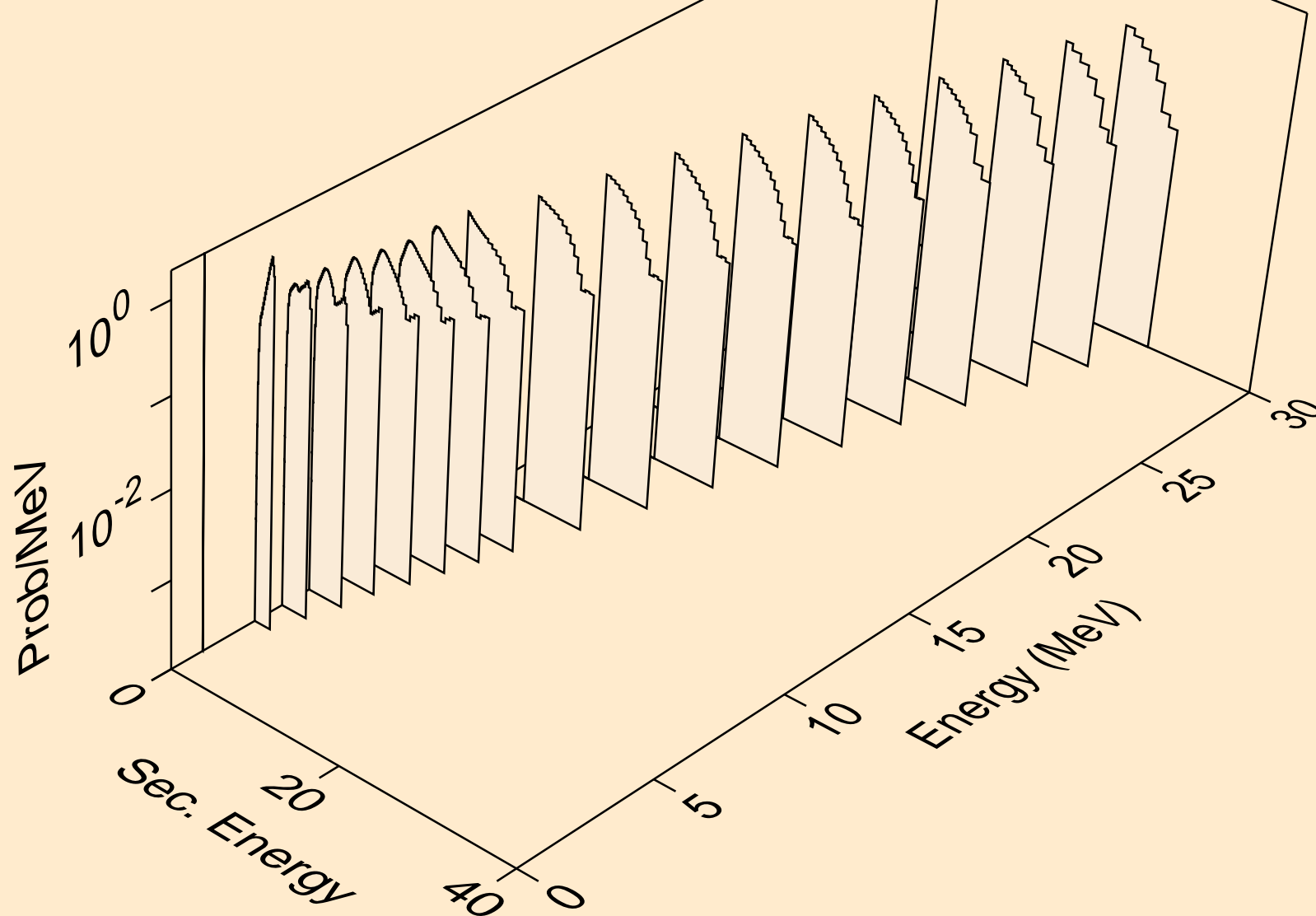


# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Particle production cross sections

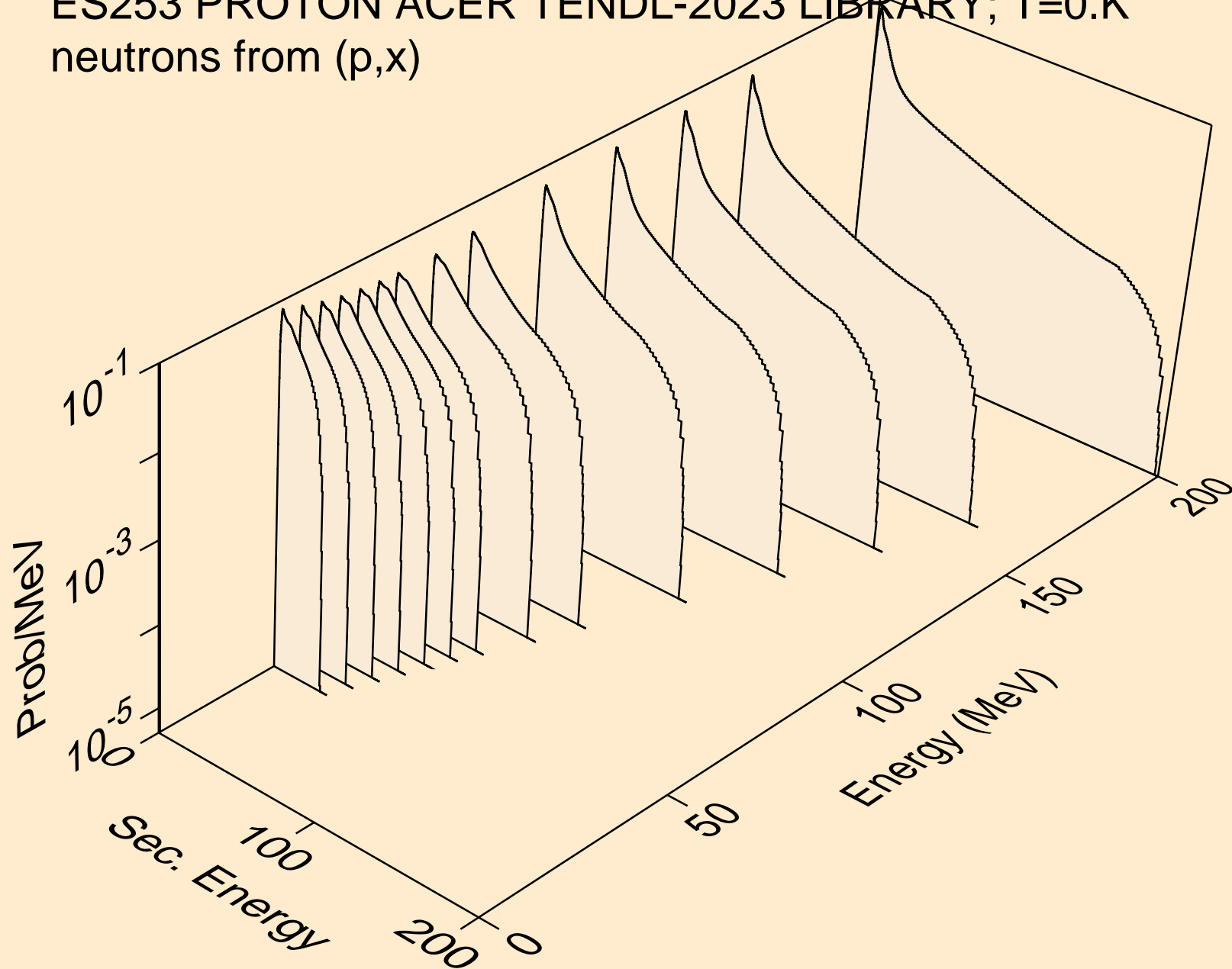


ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)

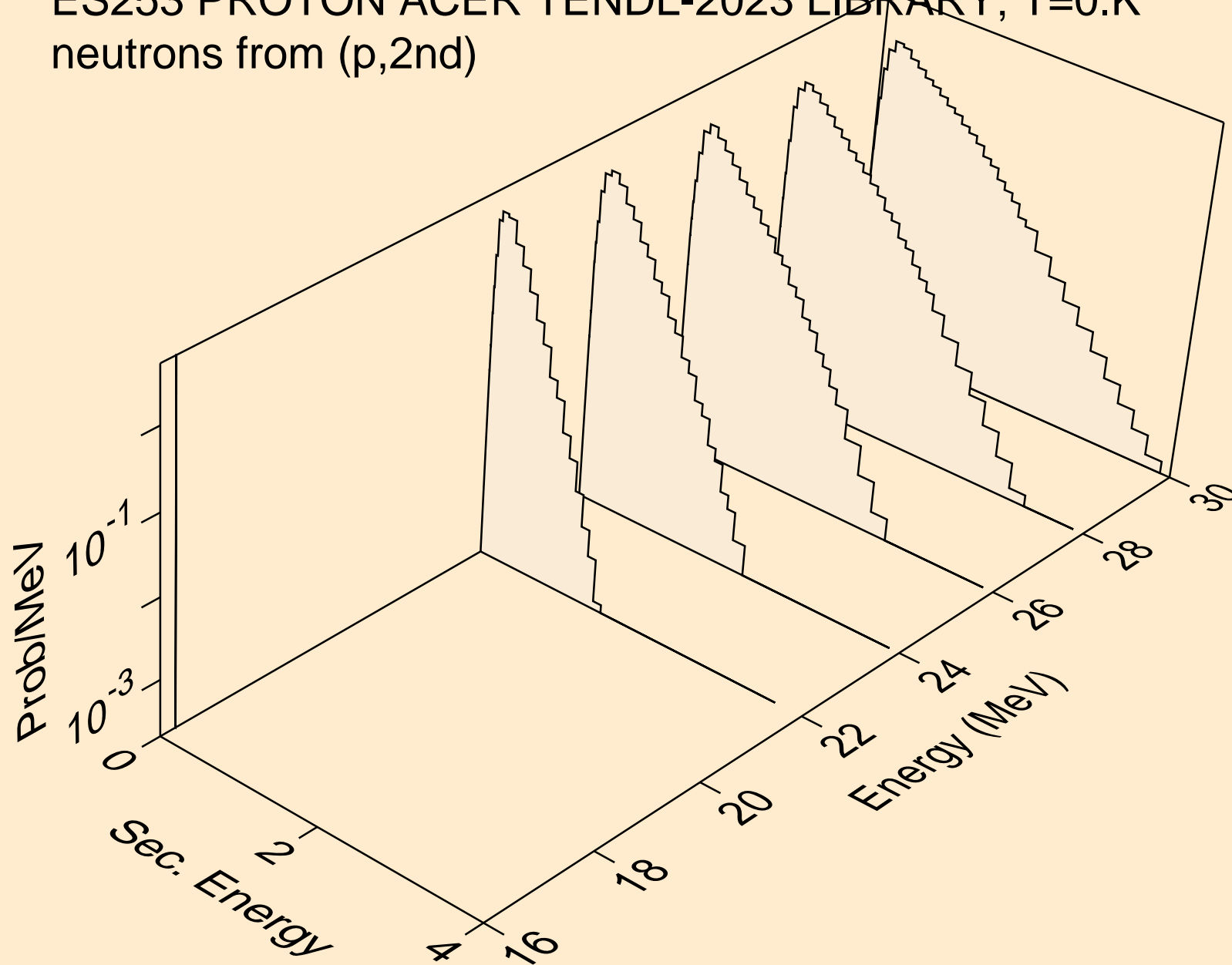




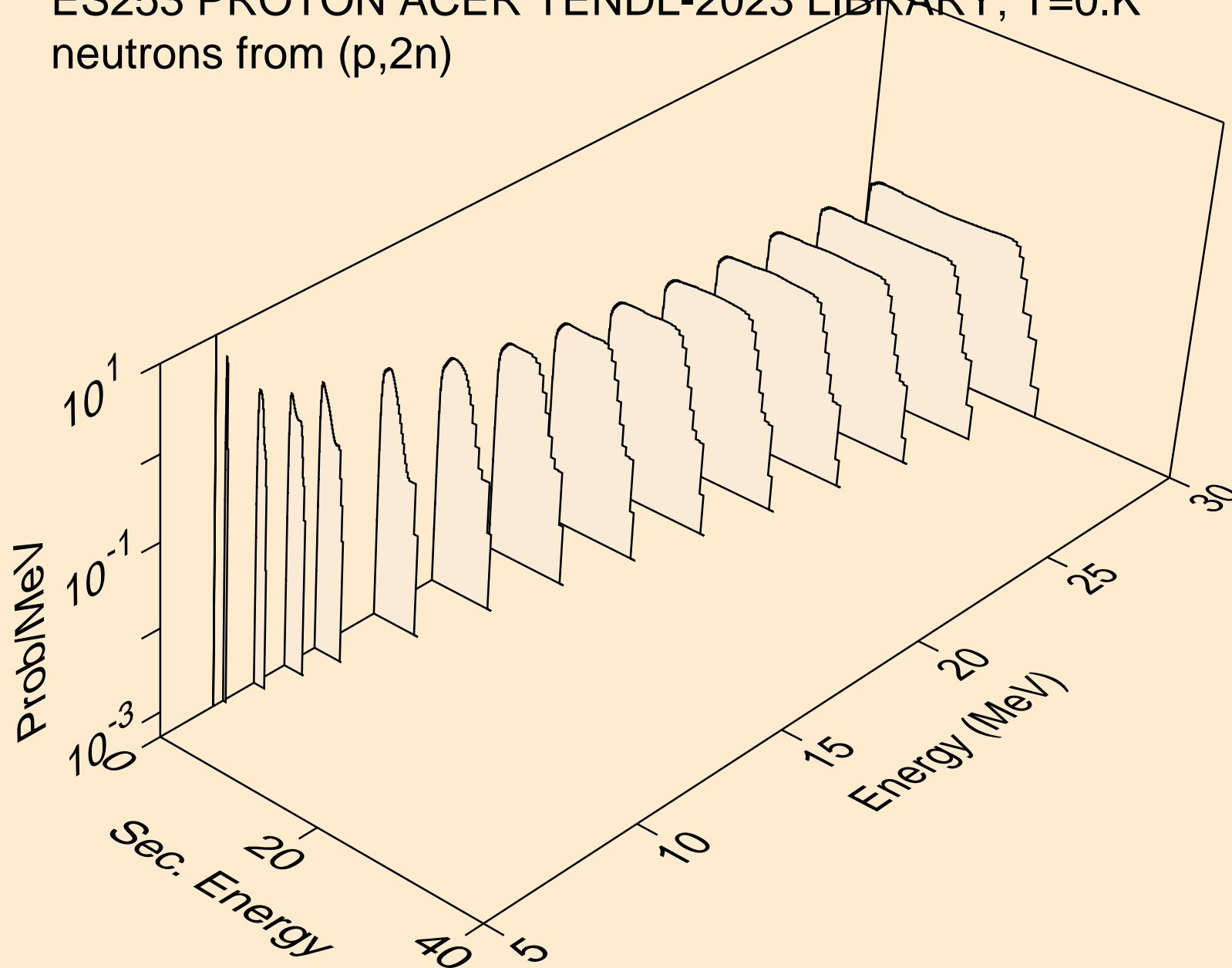
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



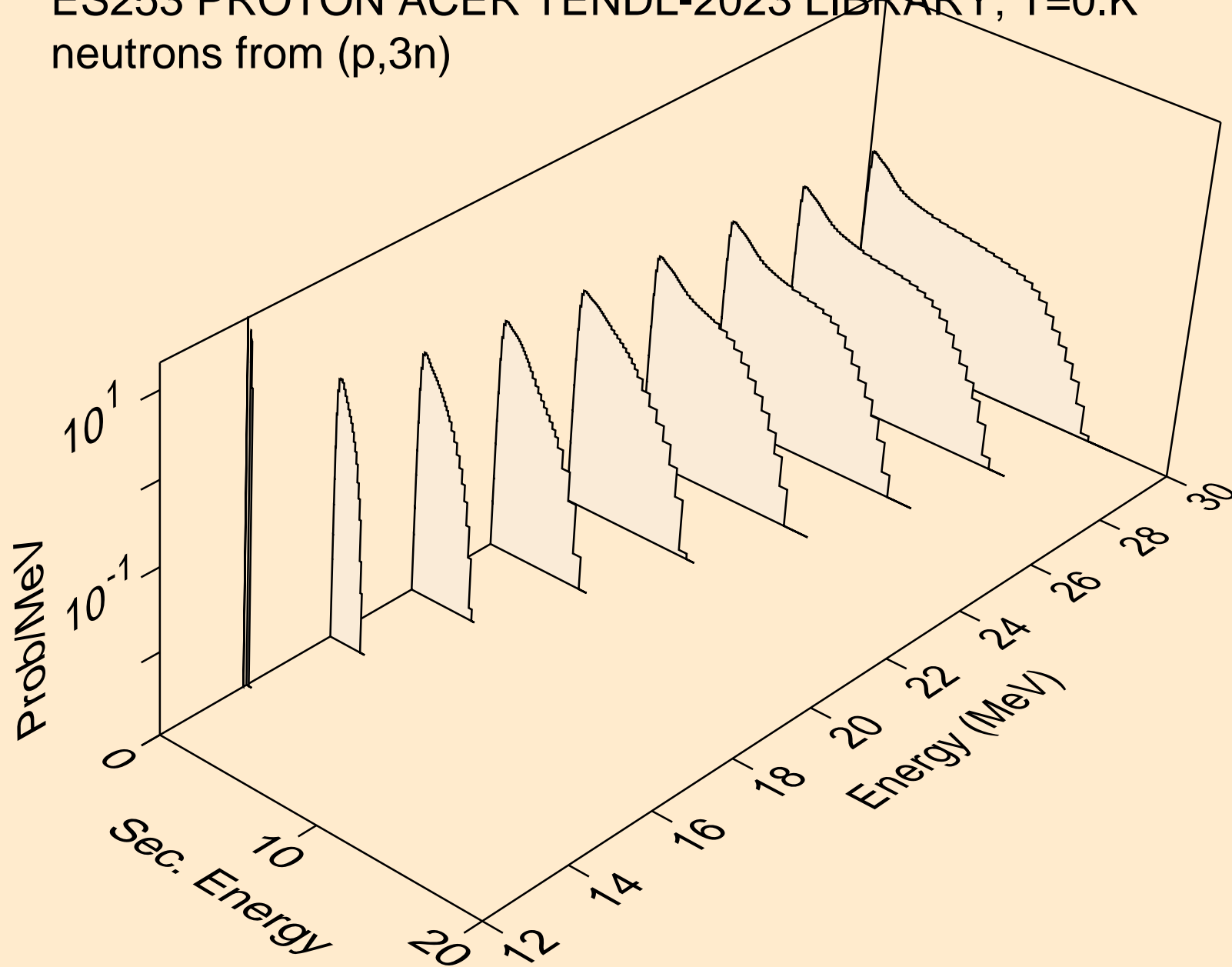
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



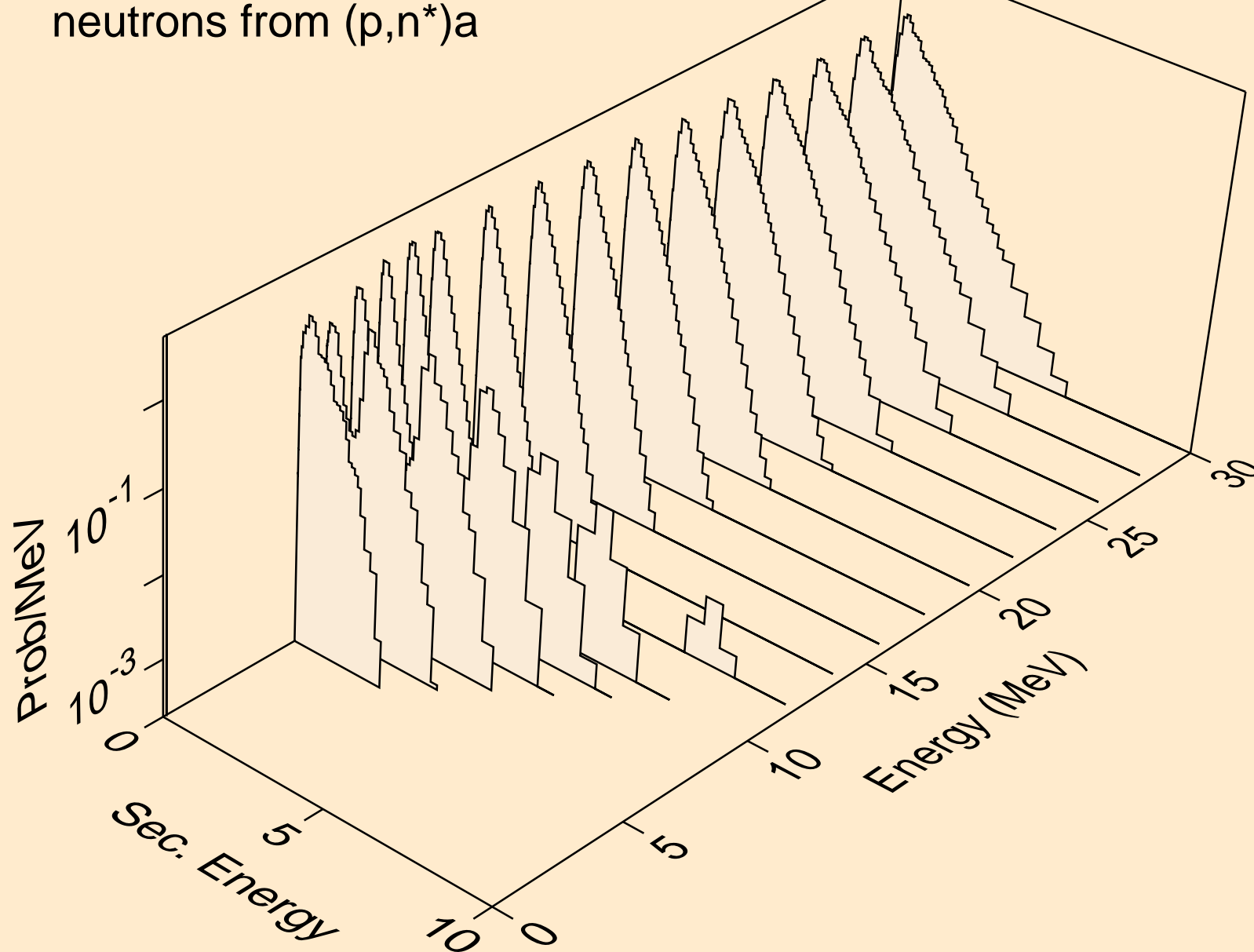
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



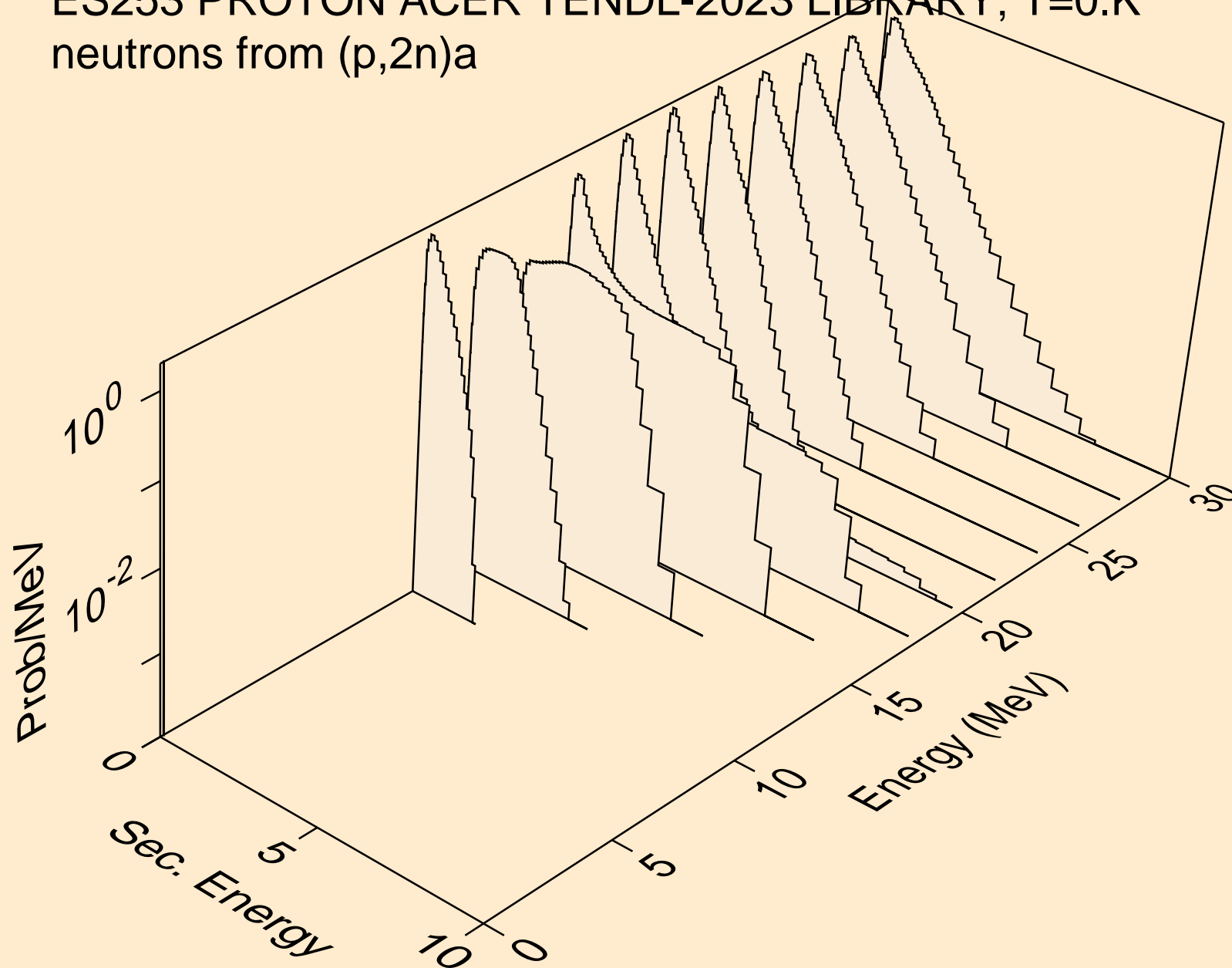
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



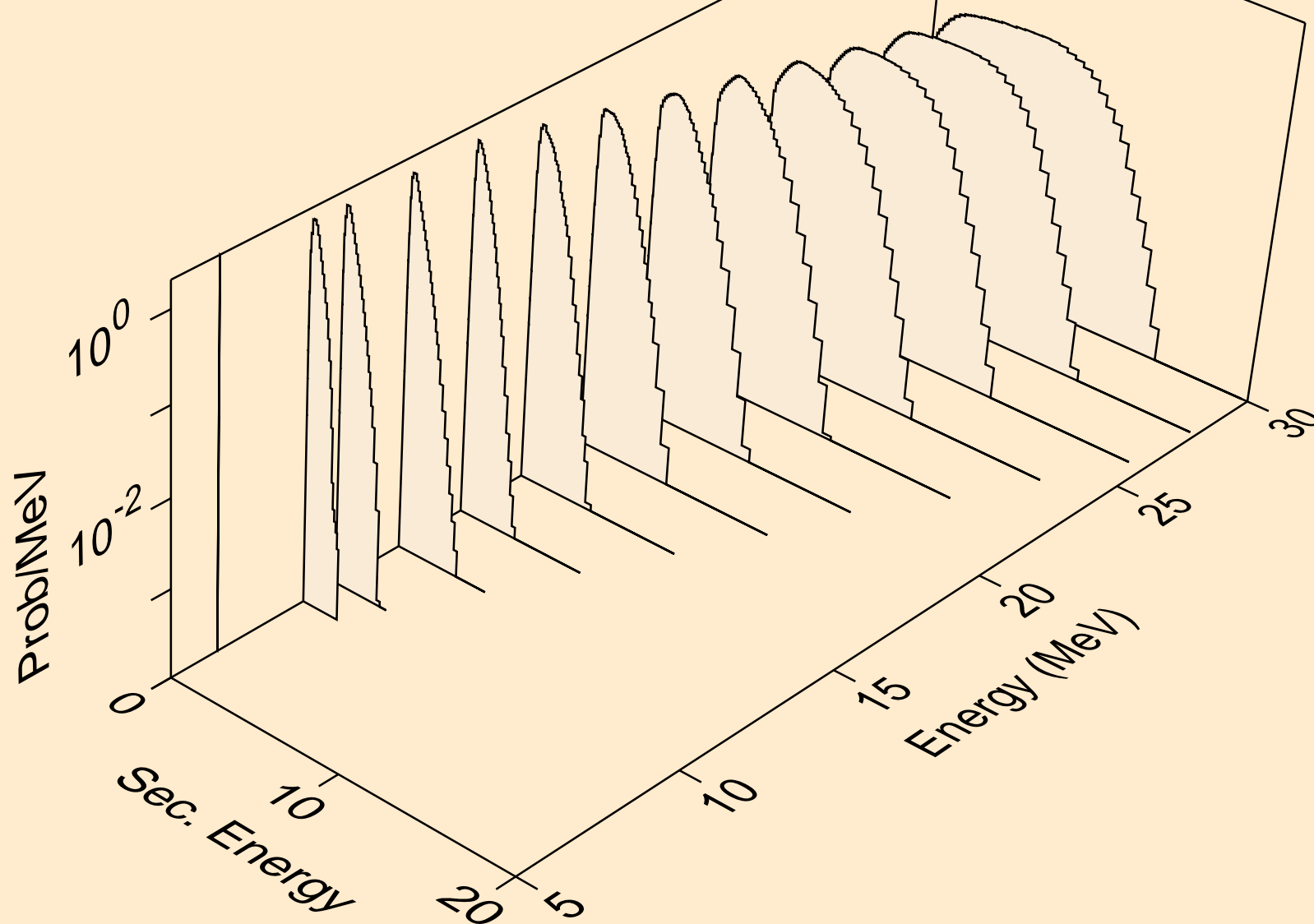
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



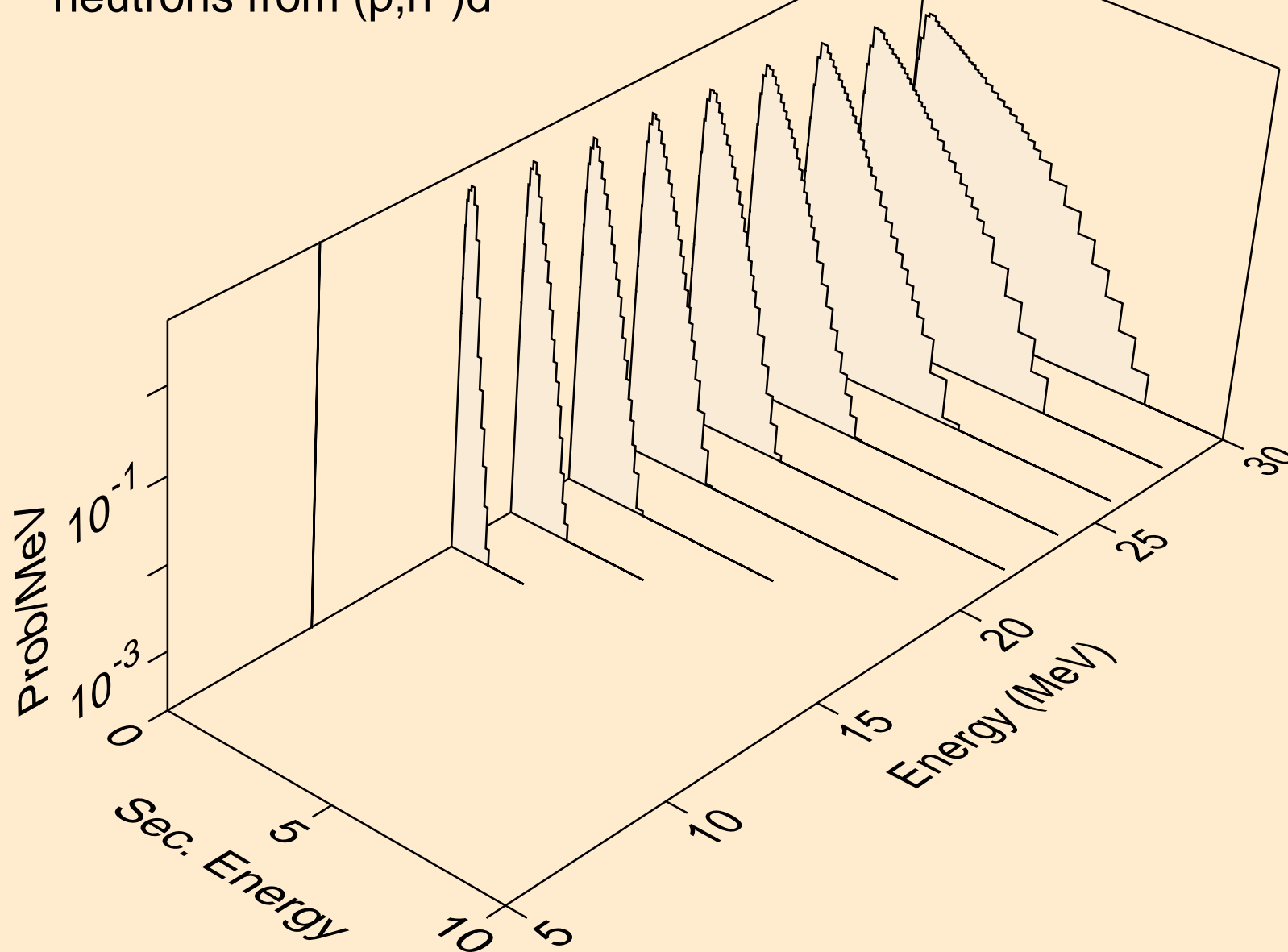
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p

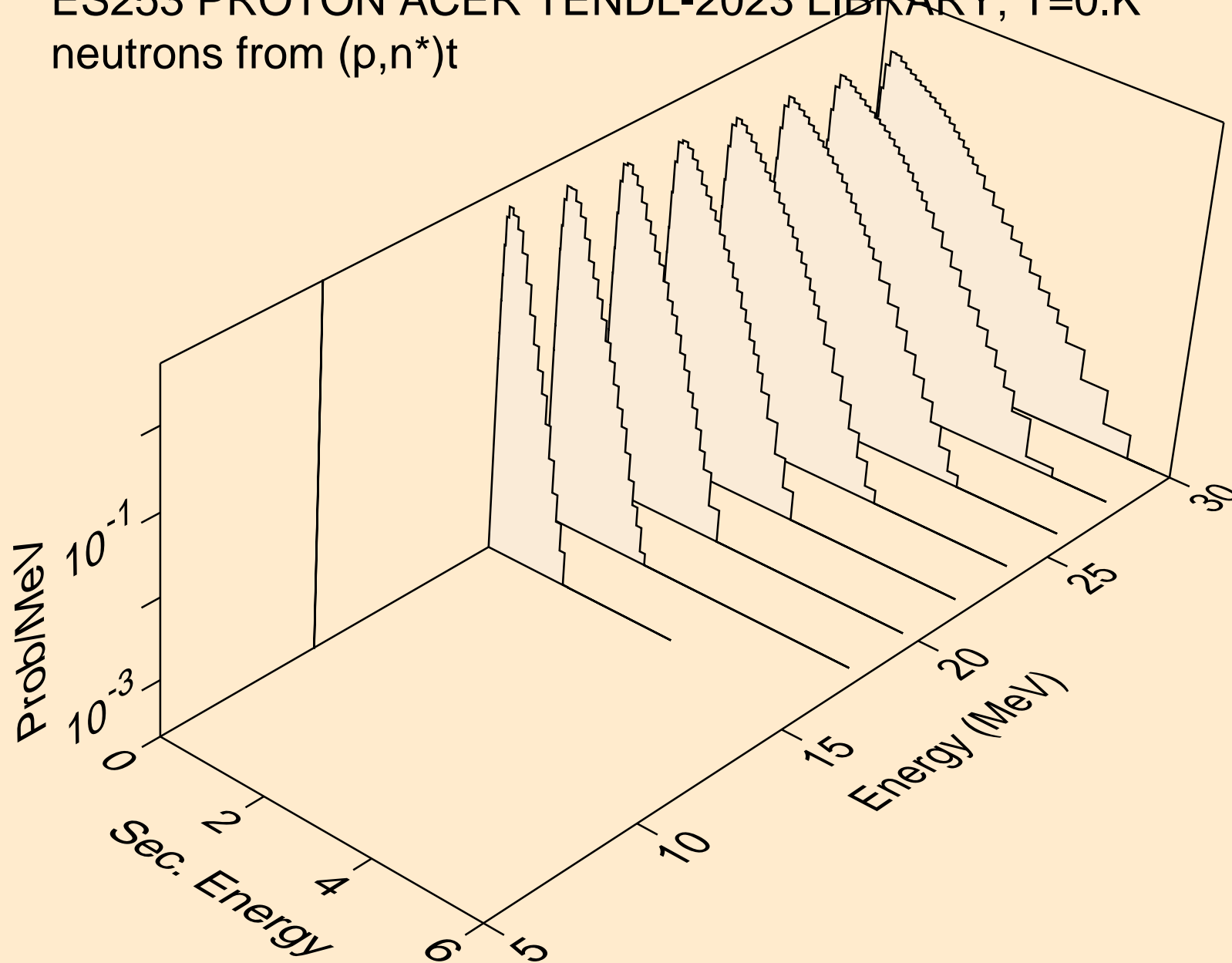


ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

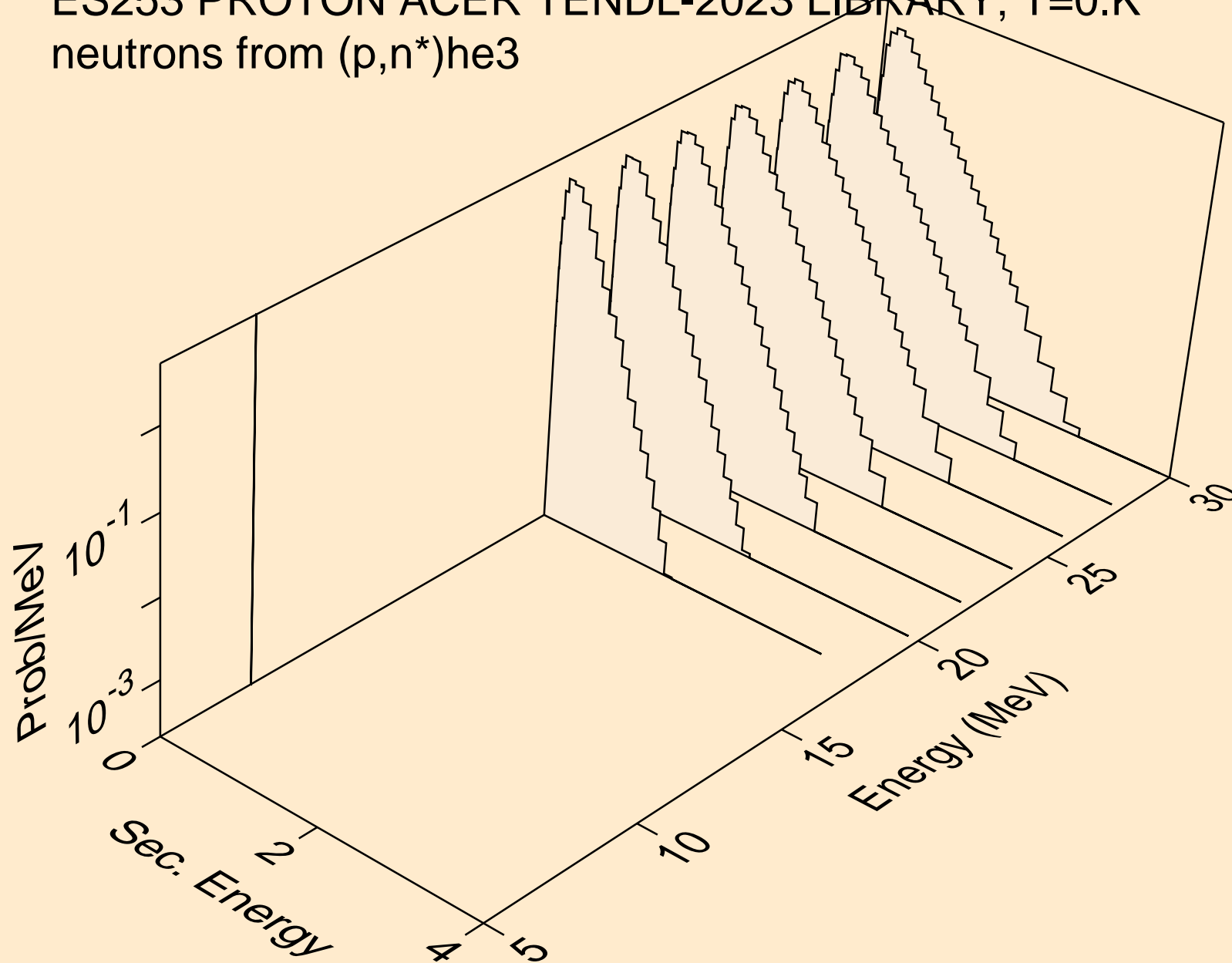




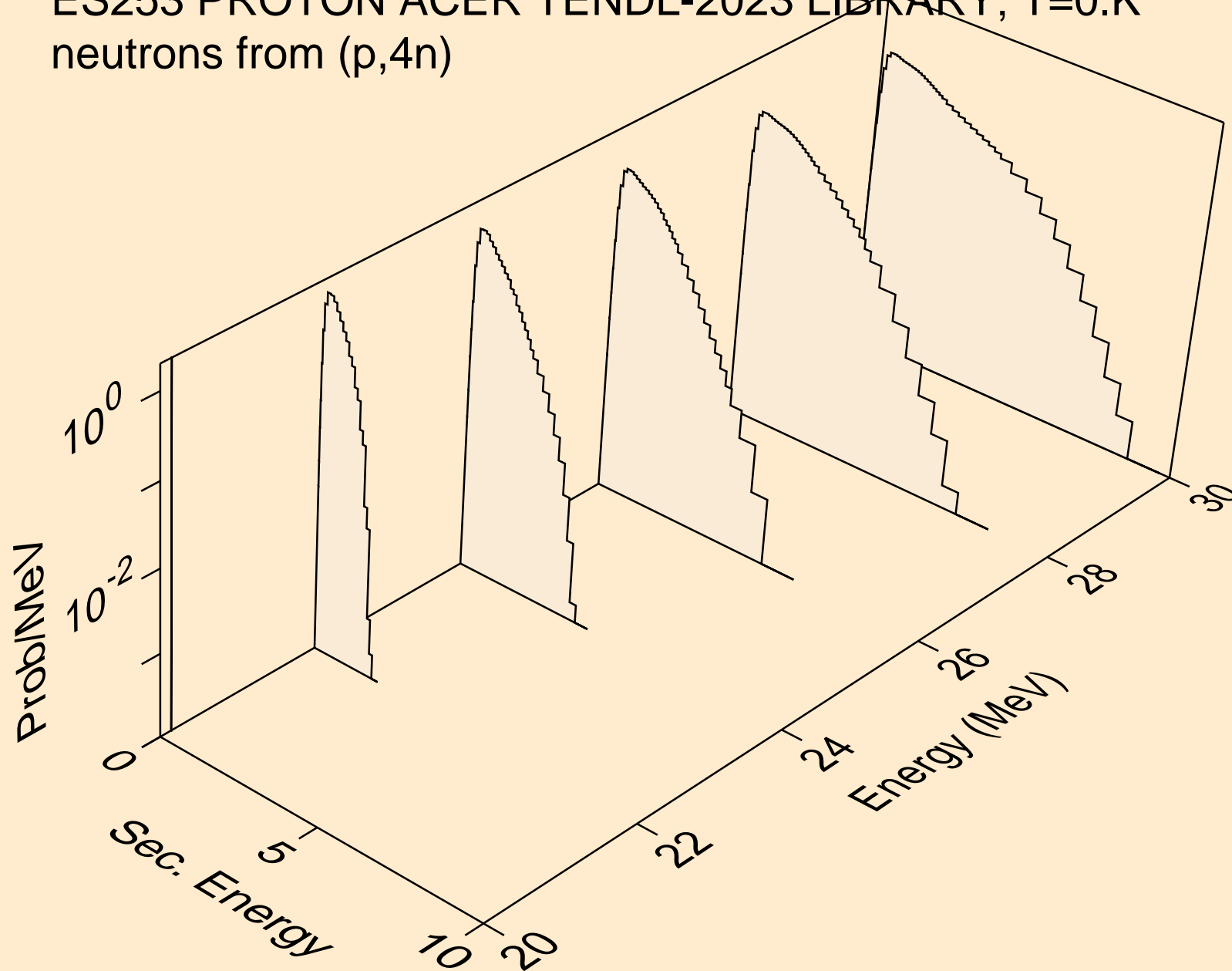
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



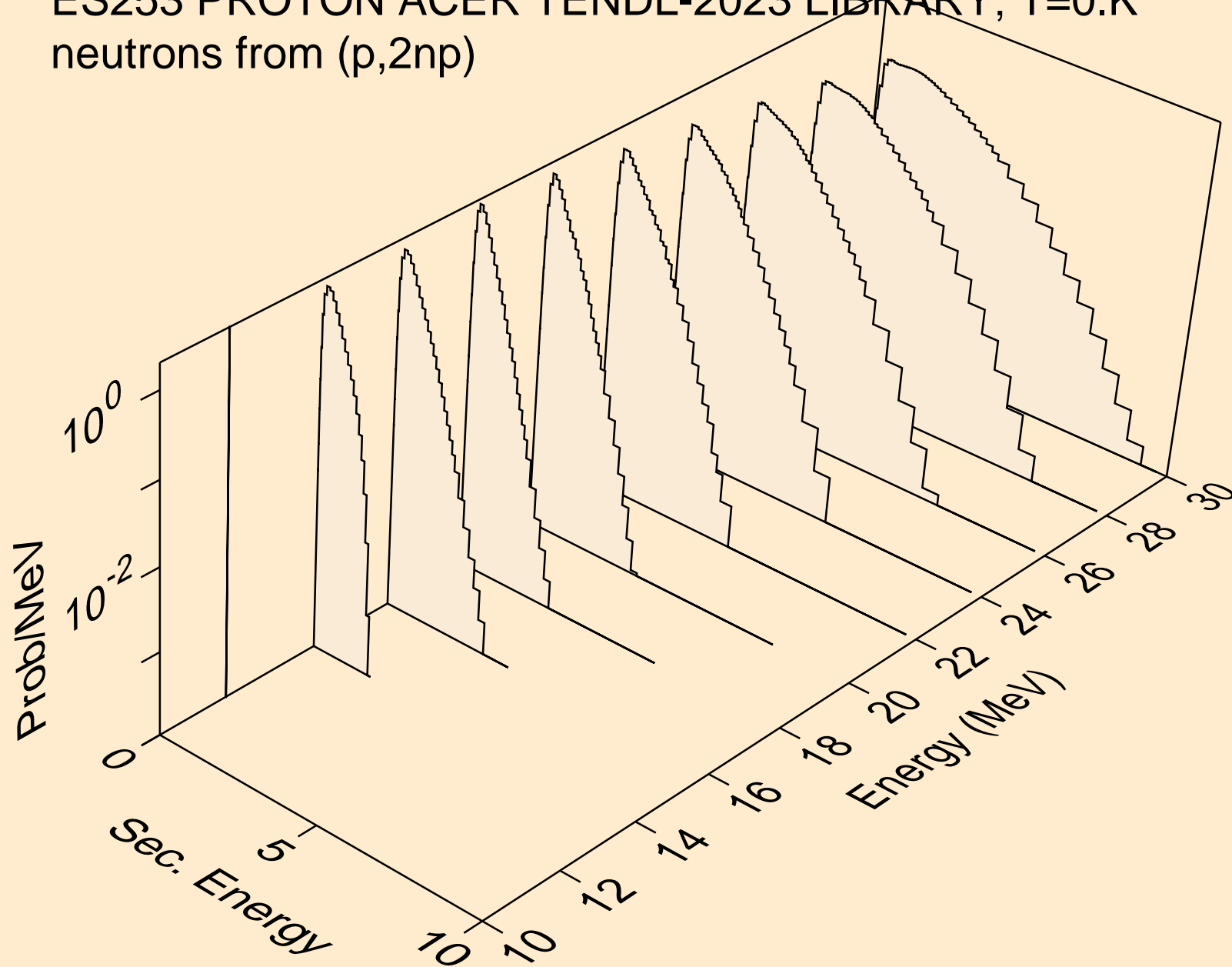
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



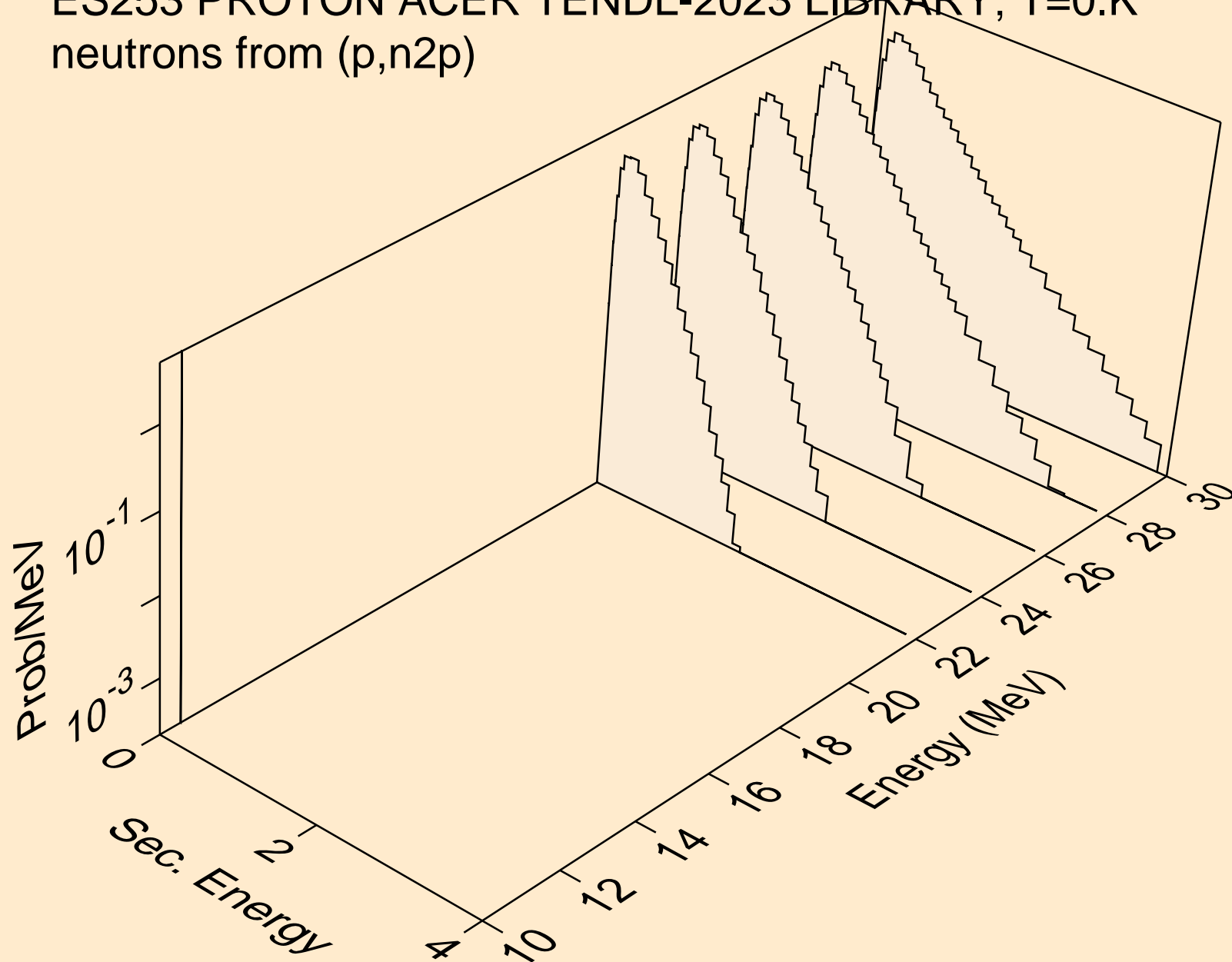
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



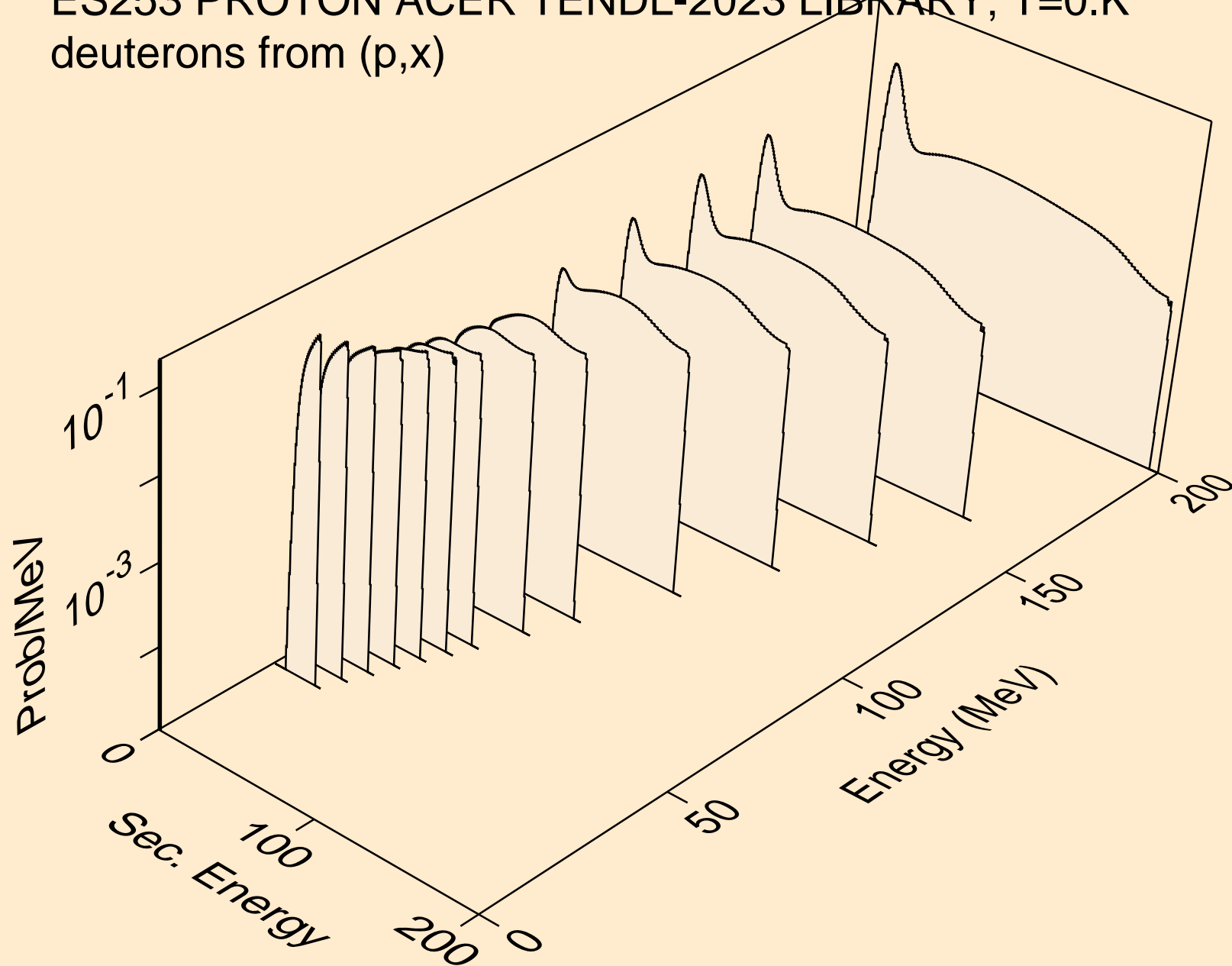
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



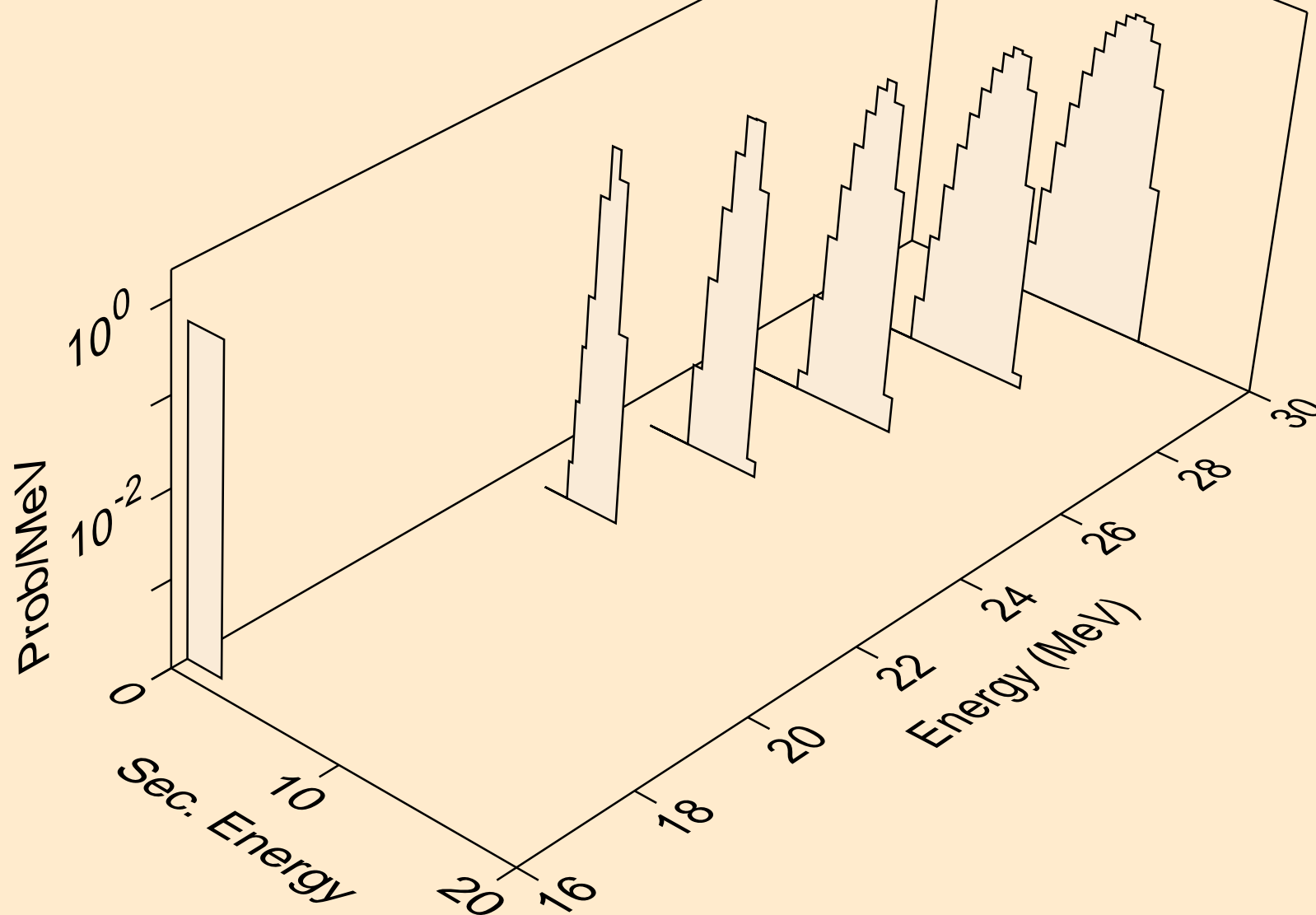
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



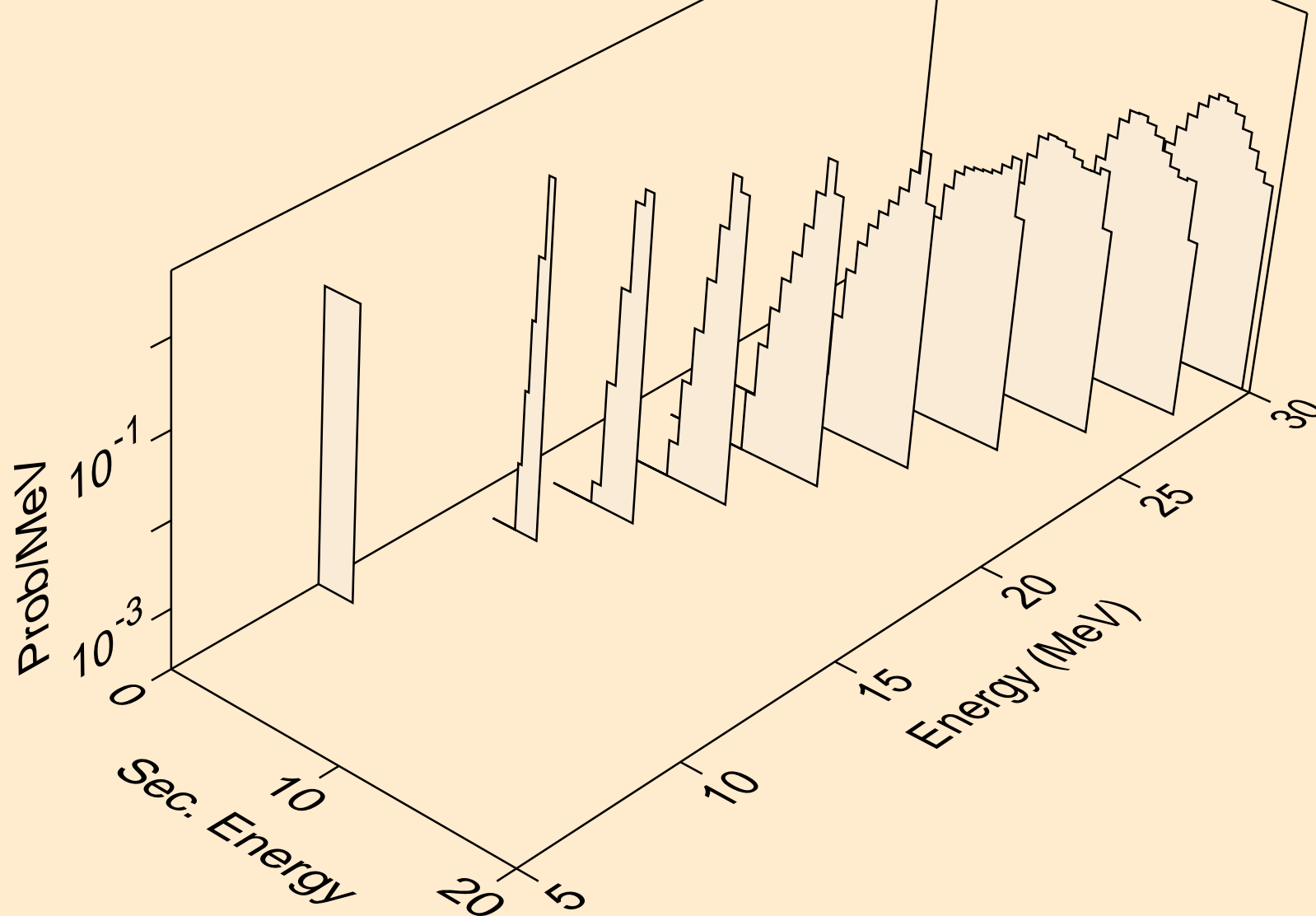
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

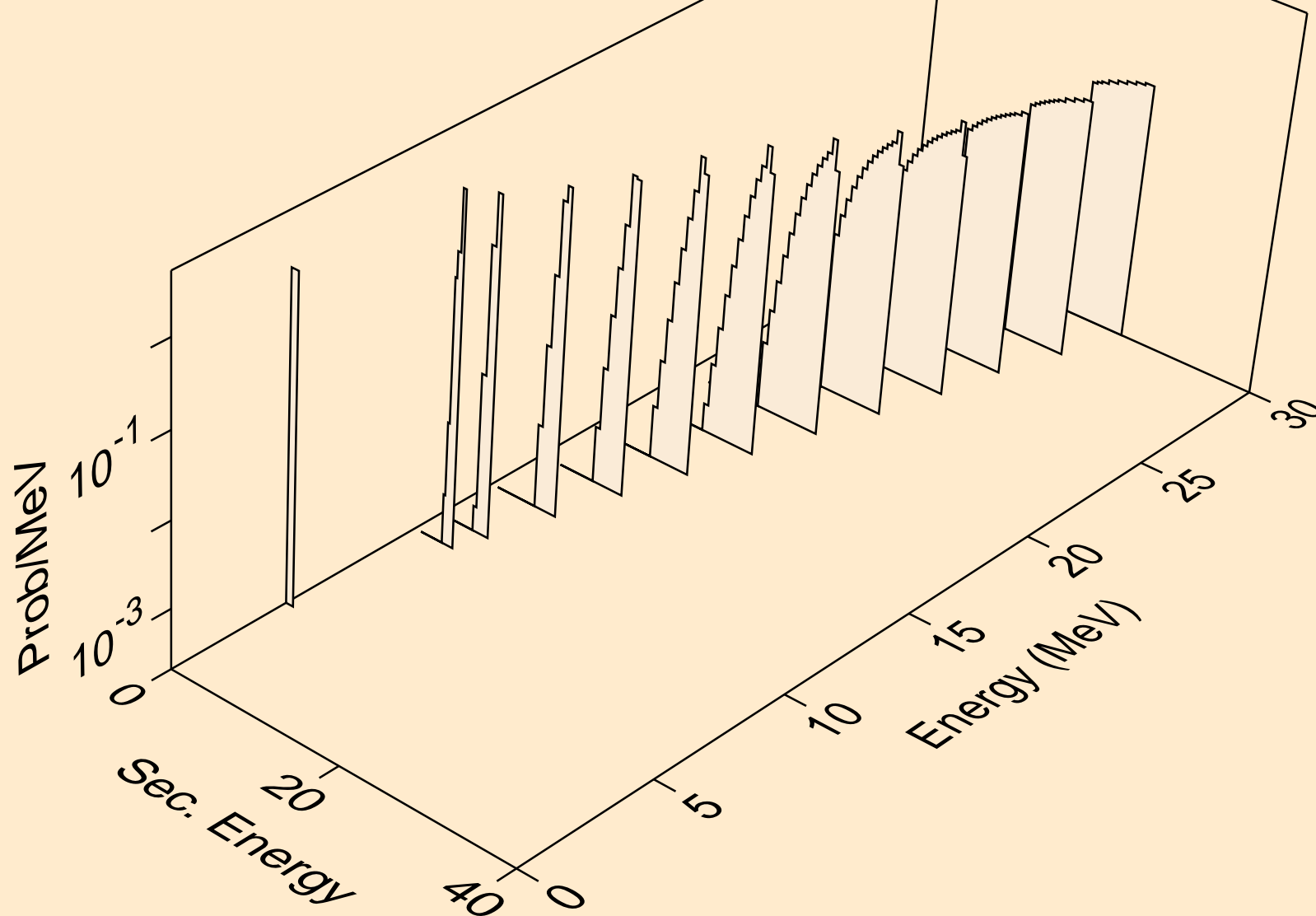


ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

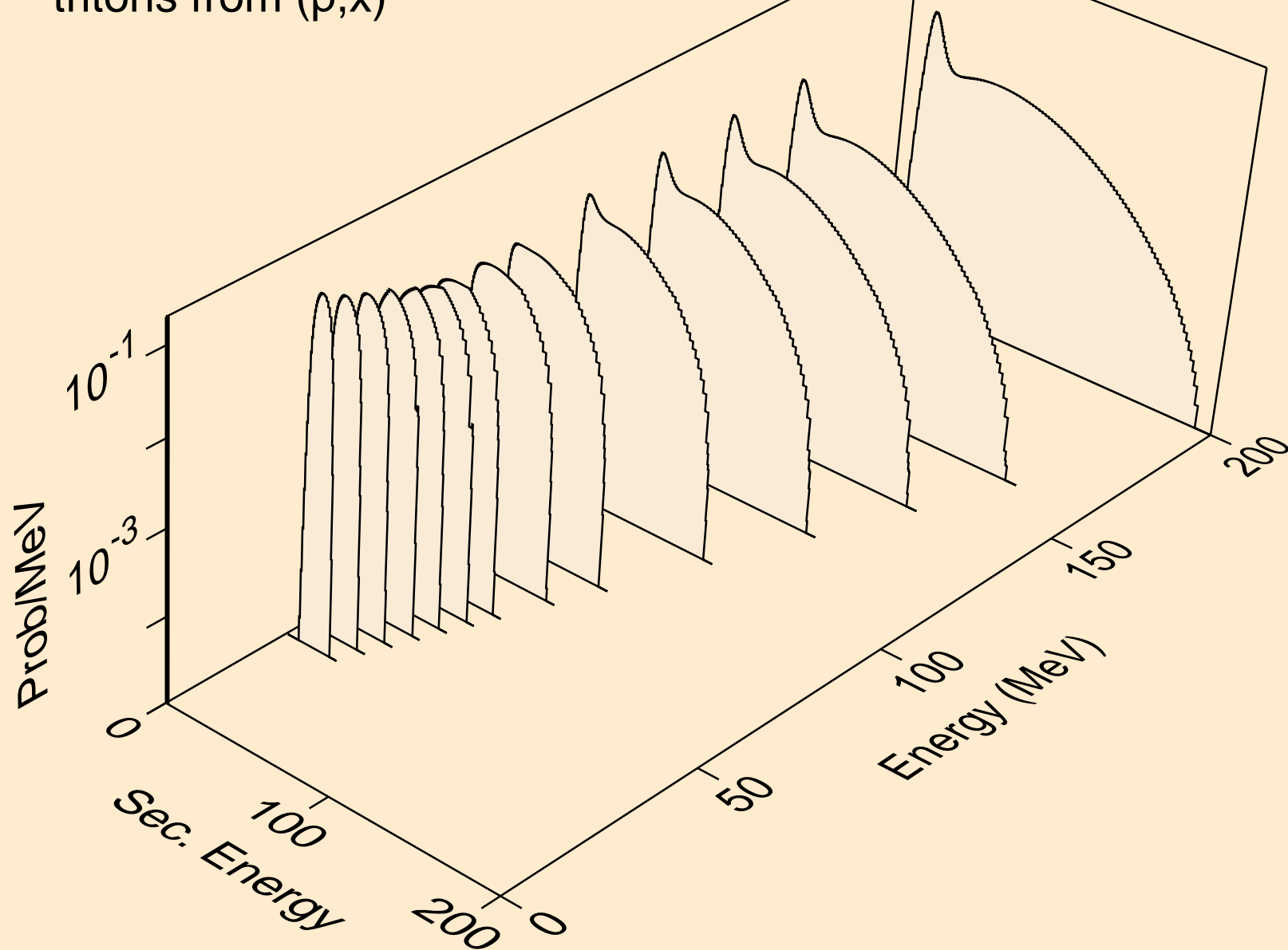




ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

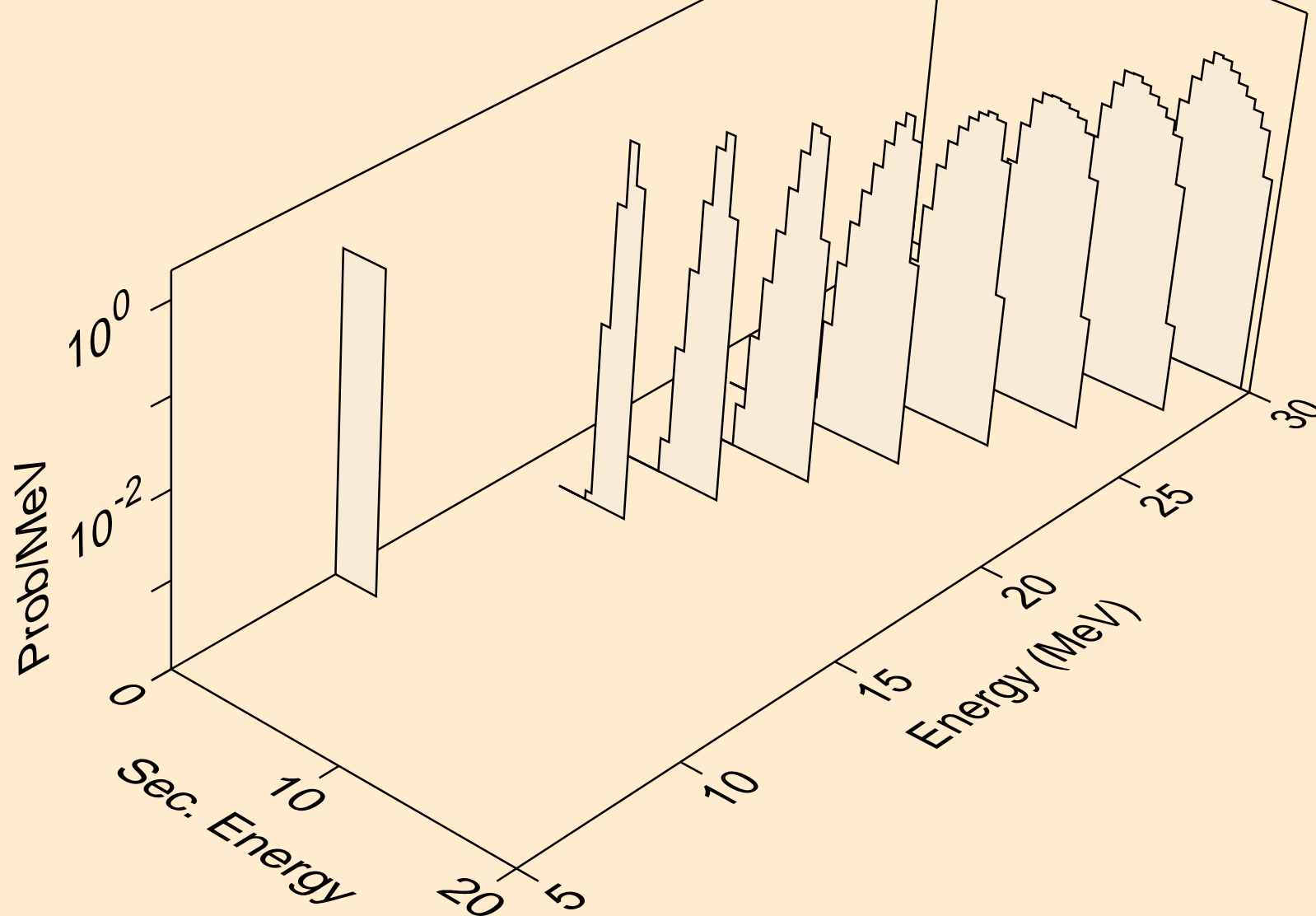


ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

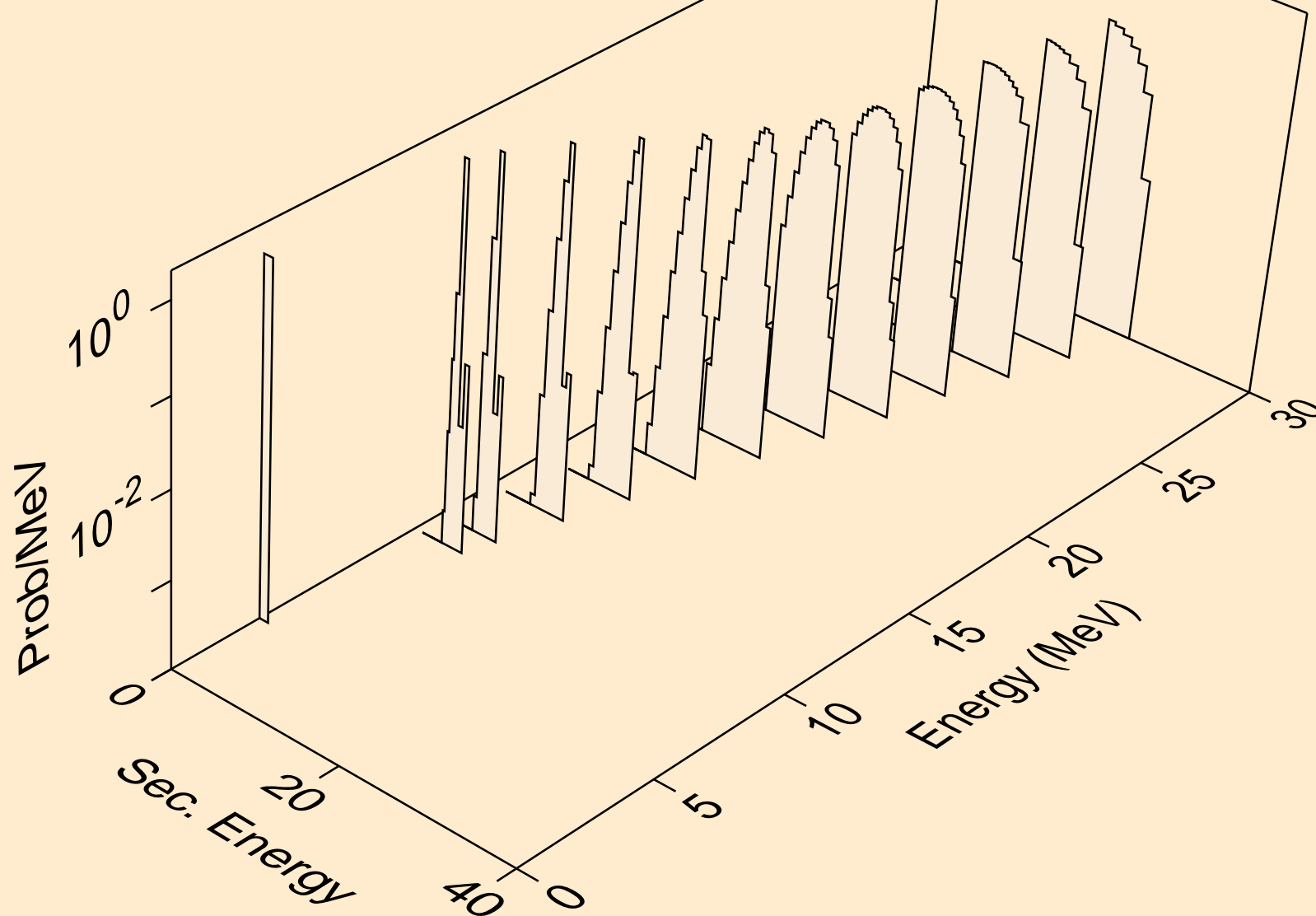


# ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K

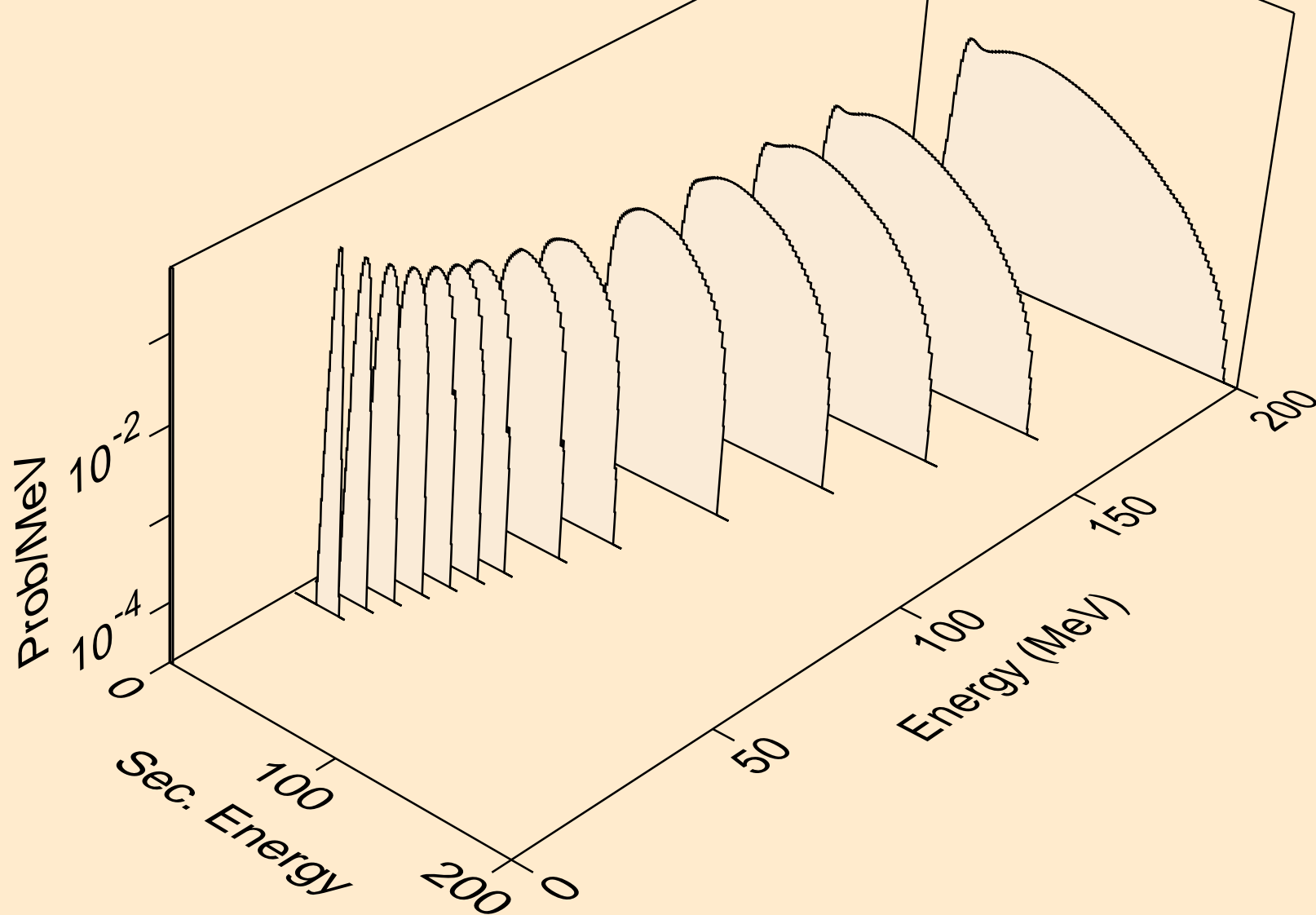
tritons from (p,n\*)t



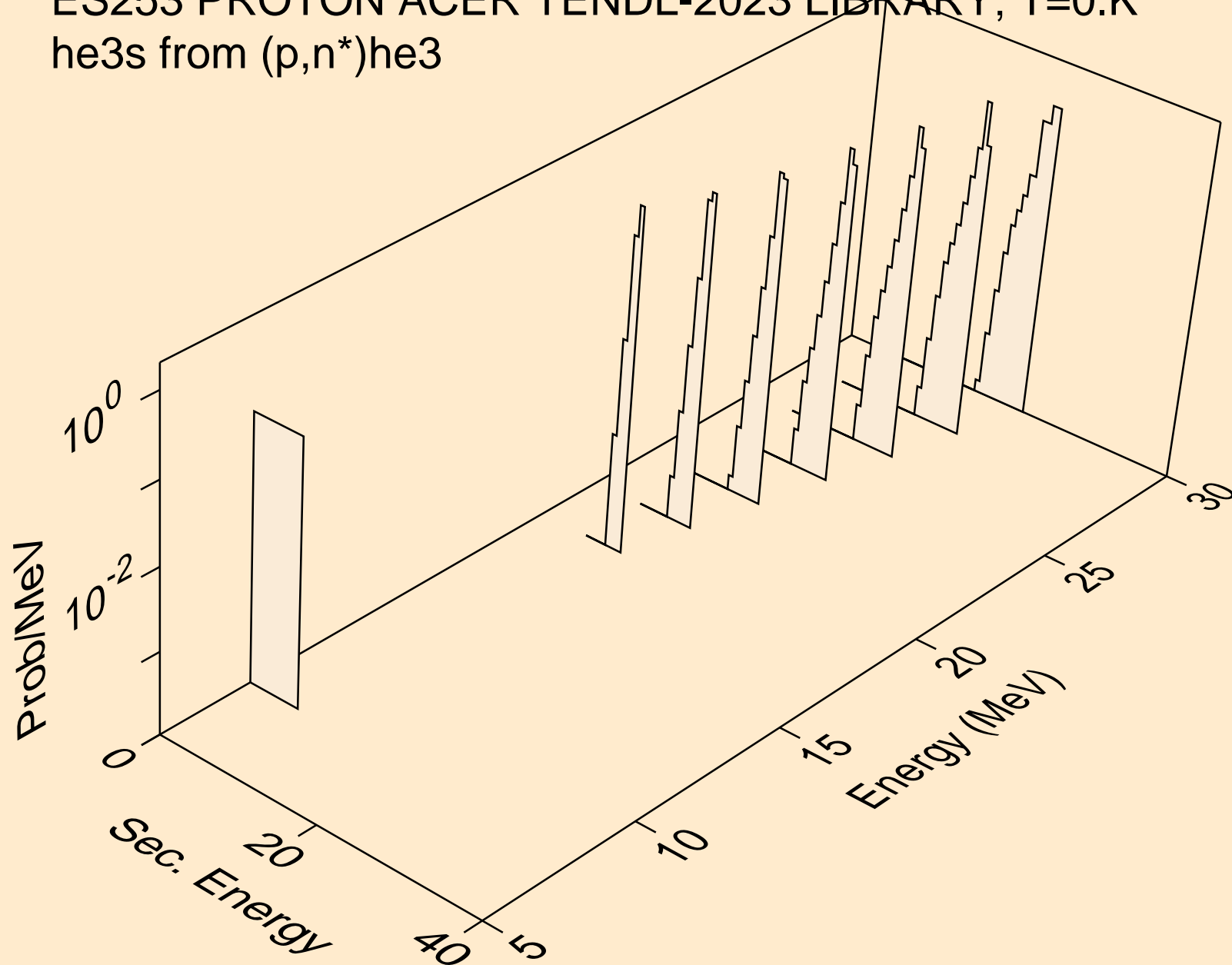
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



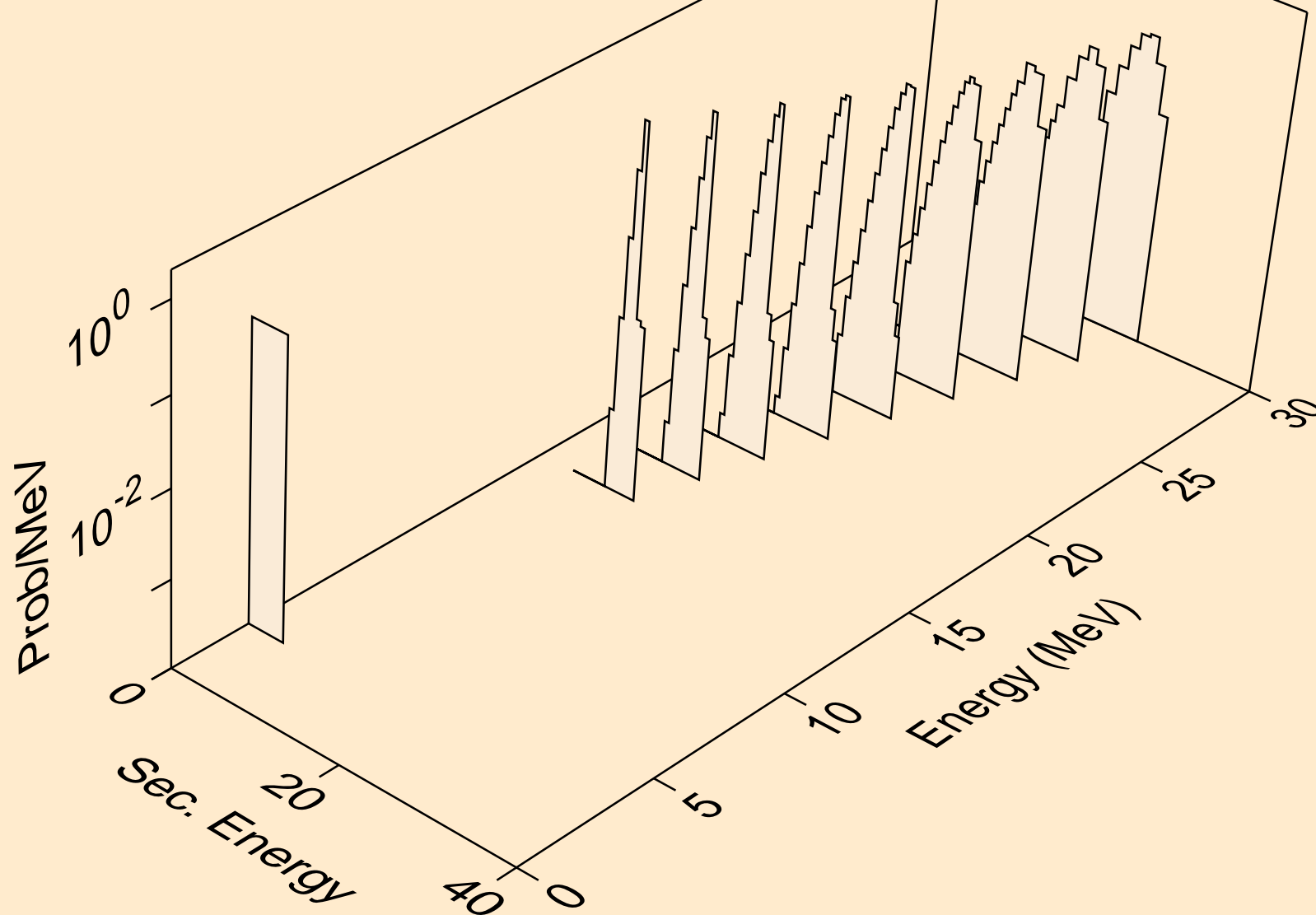
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



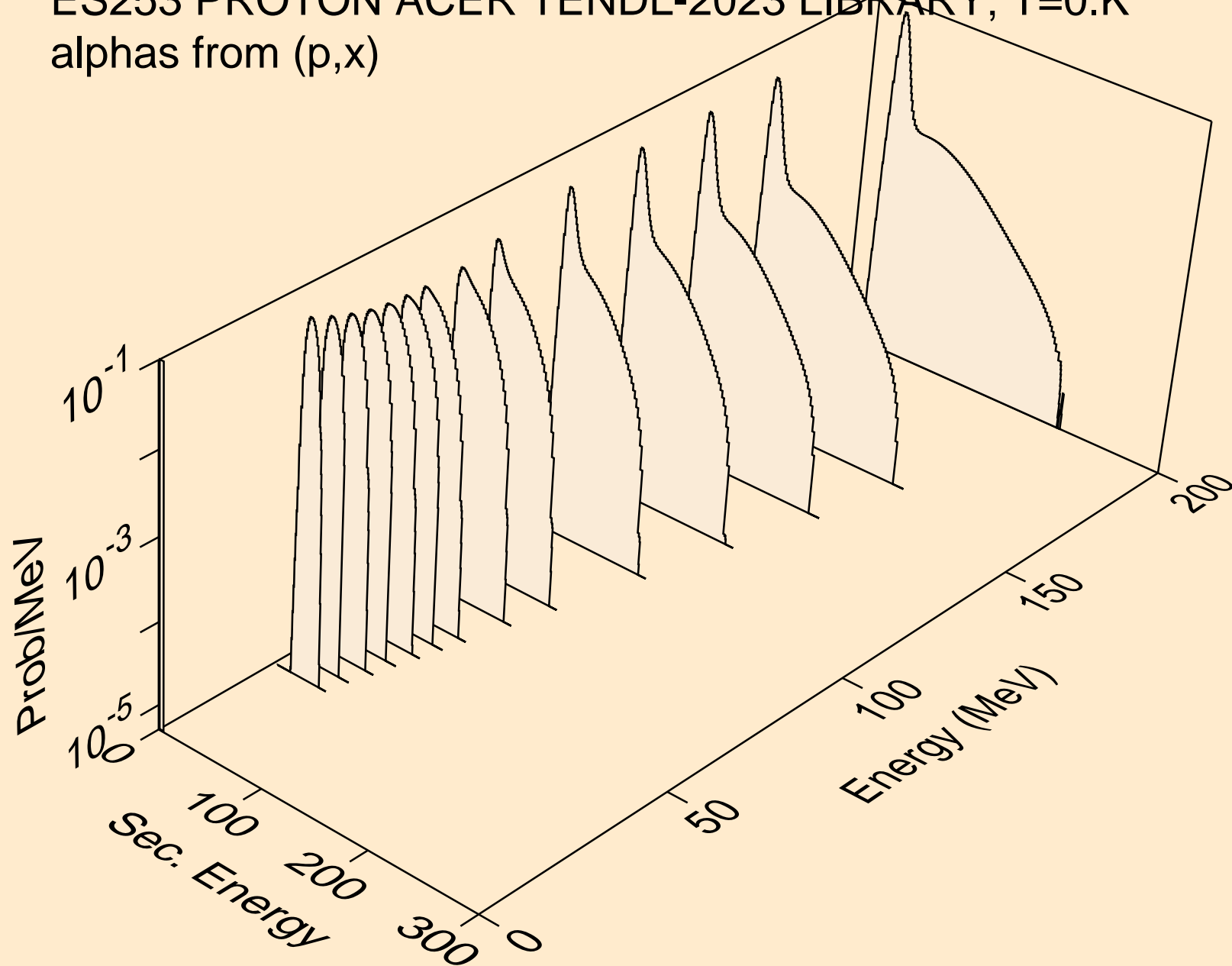
ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

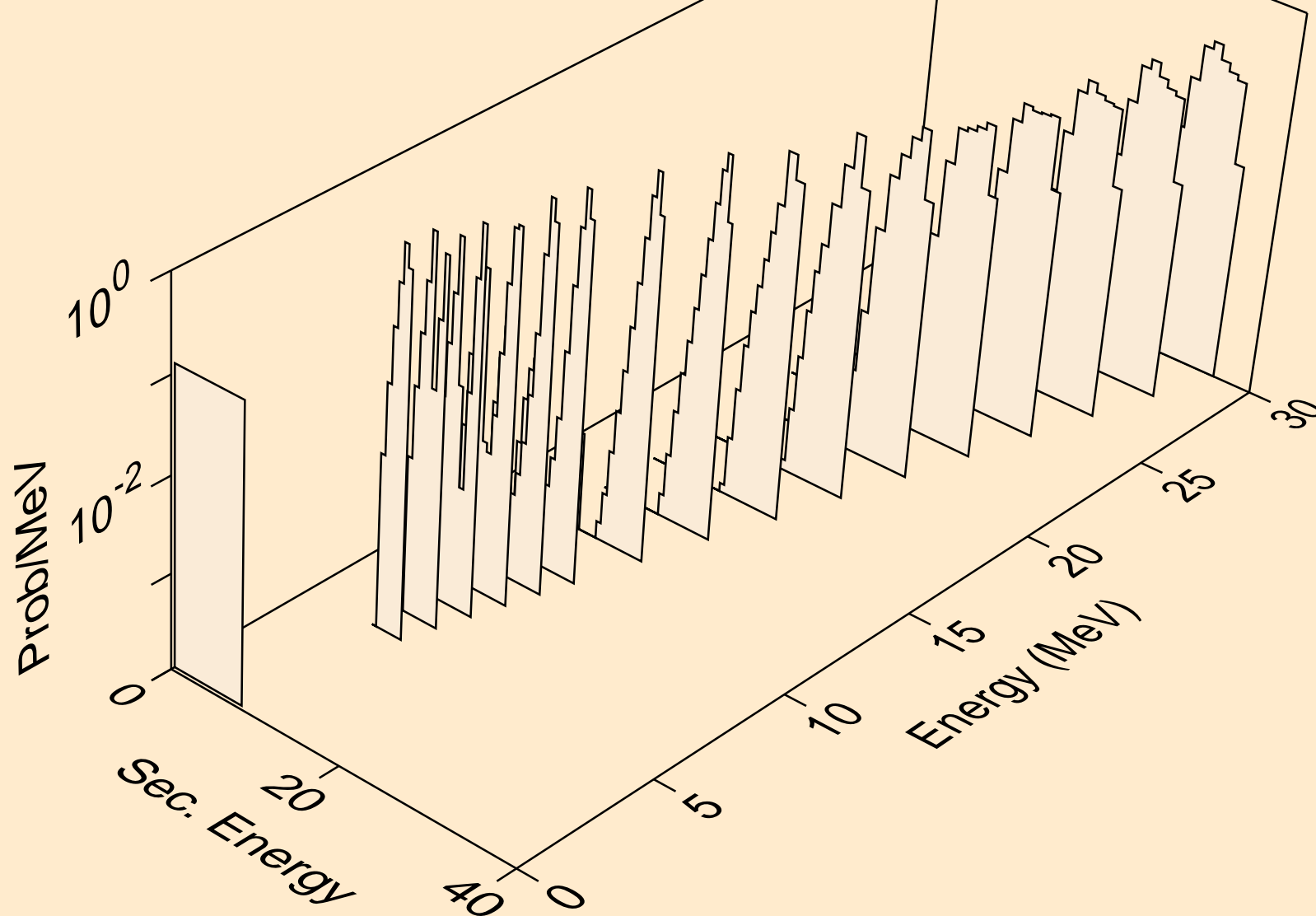


ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)

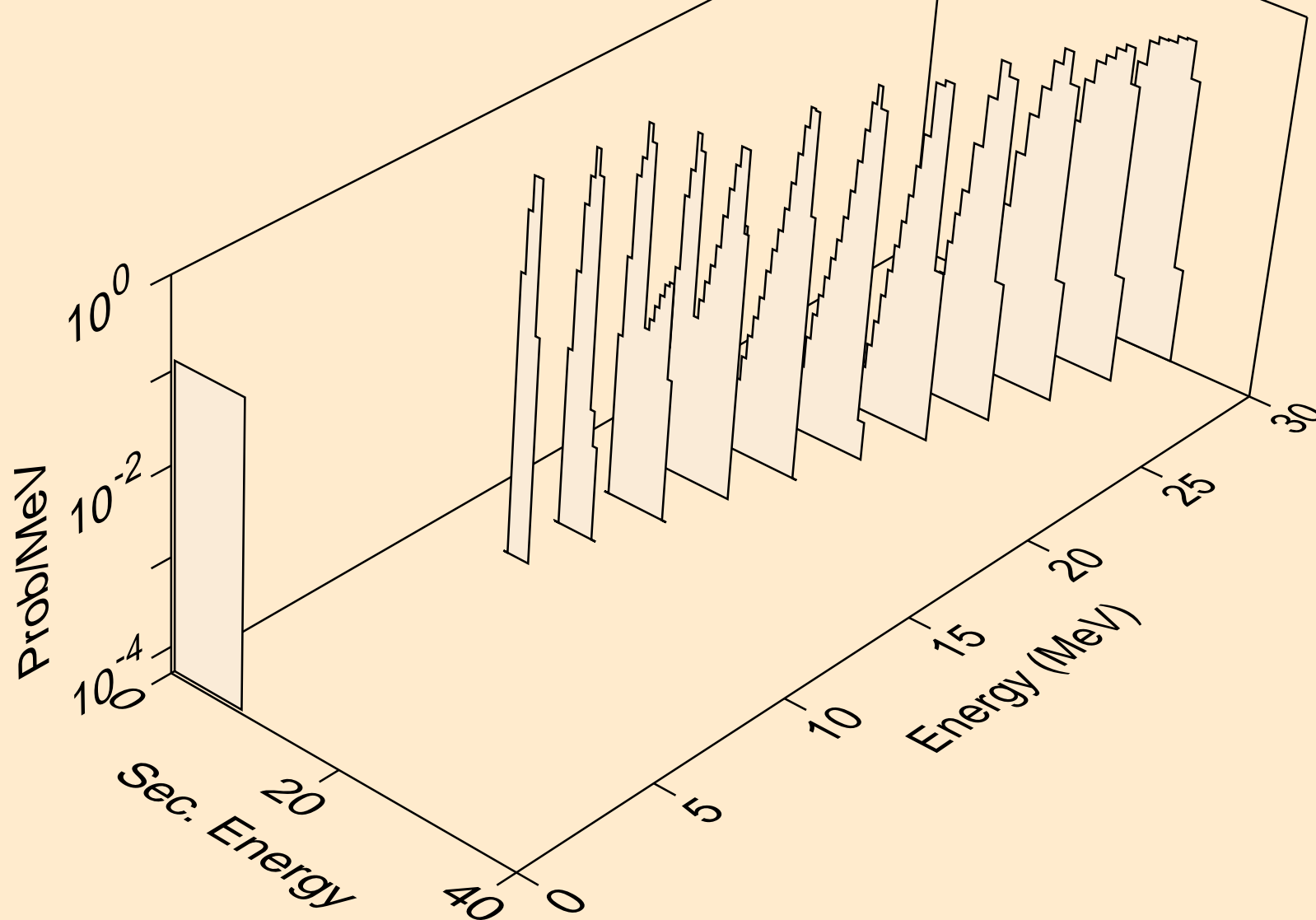




ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



ES253 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

