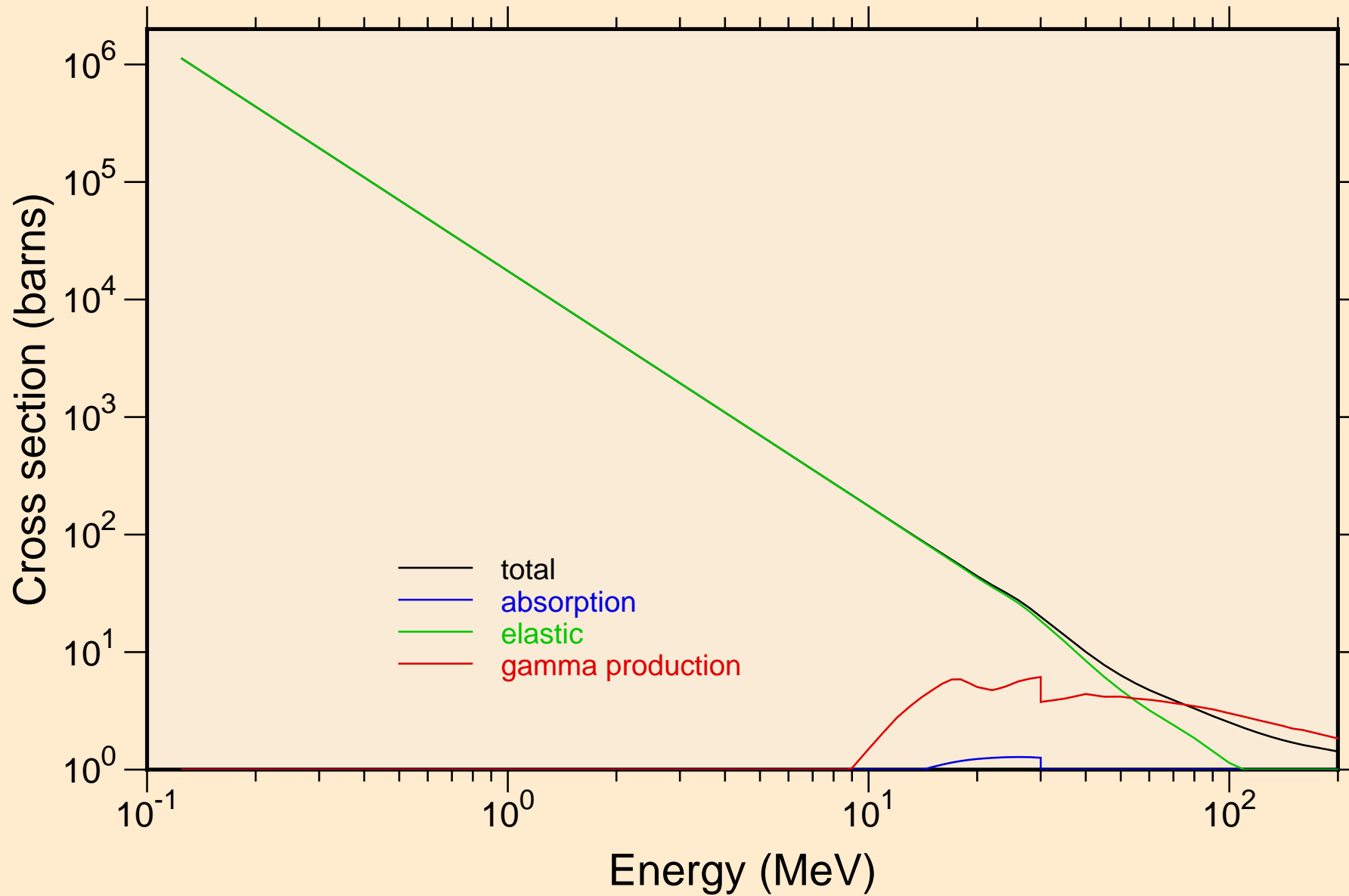


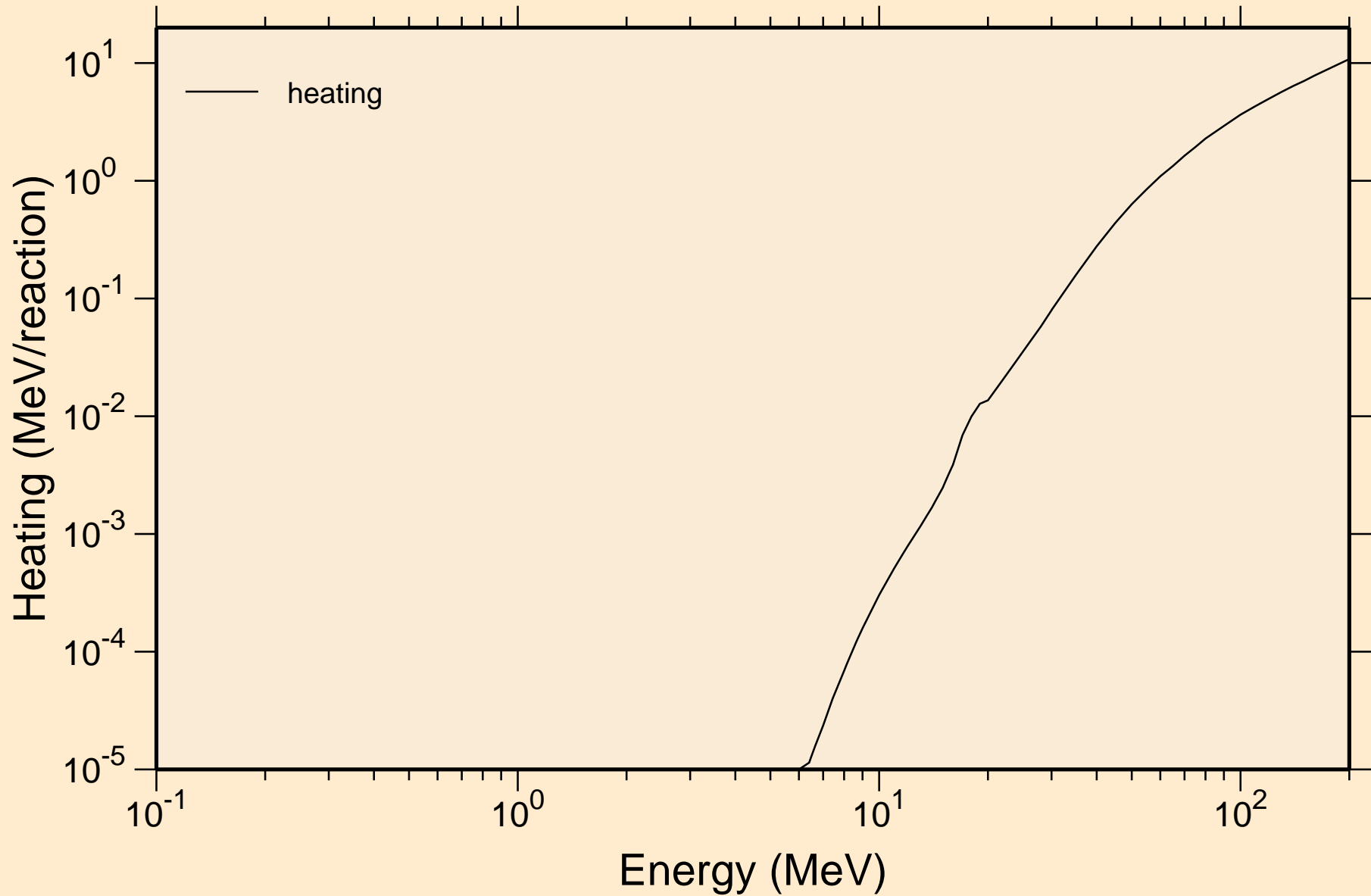
# I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

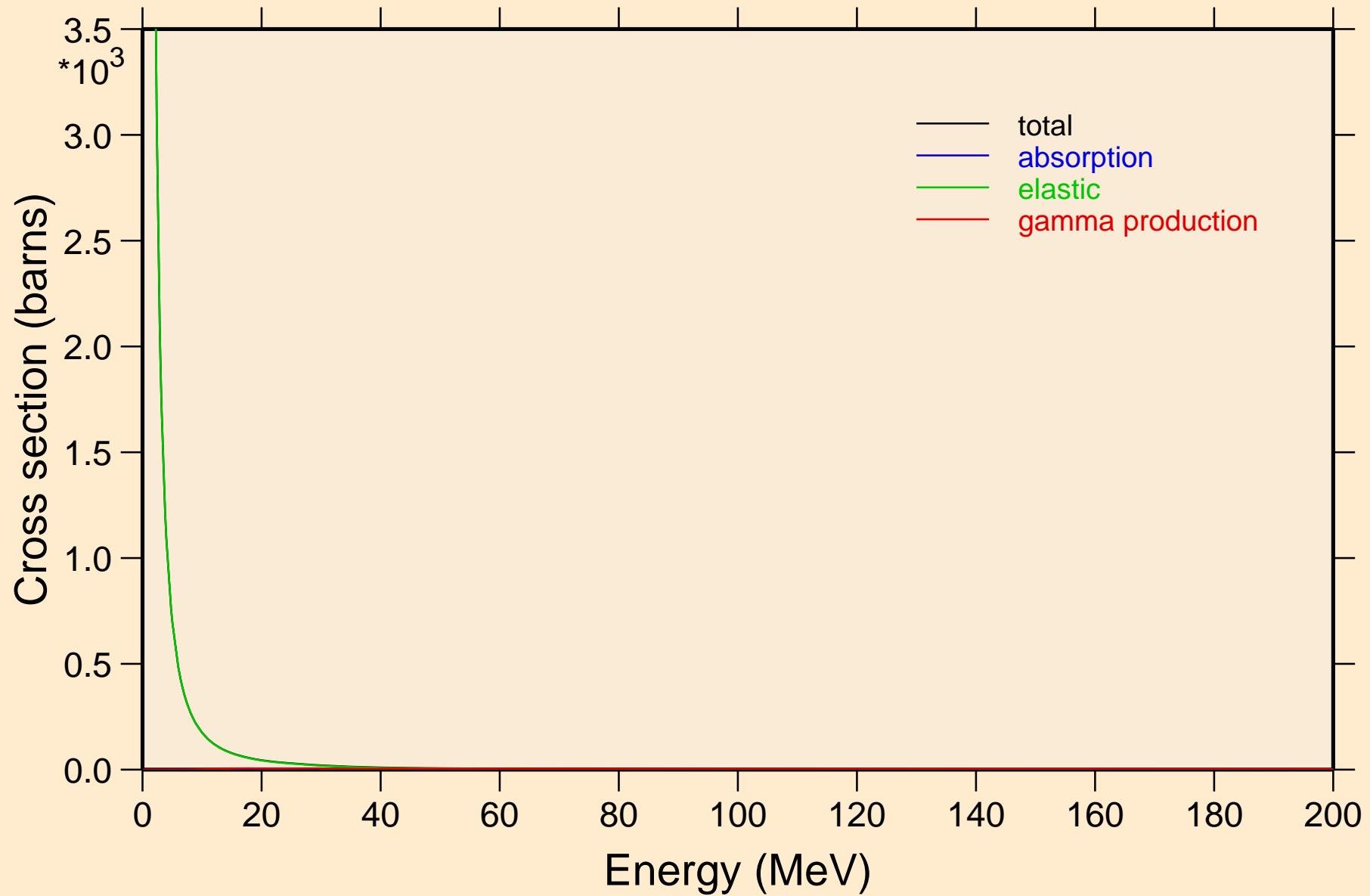


# I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

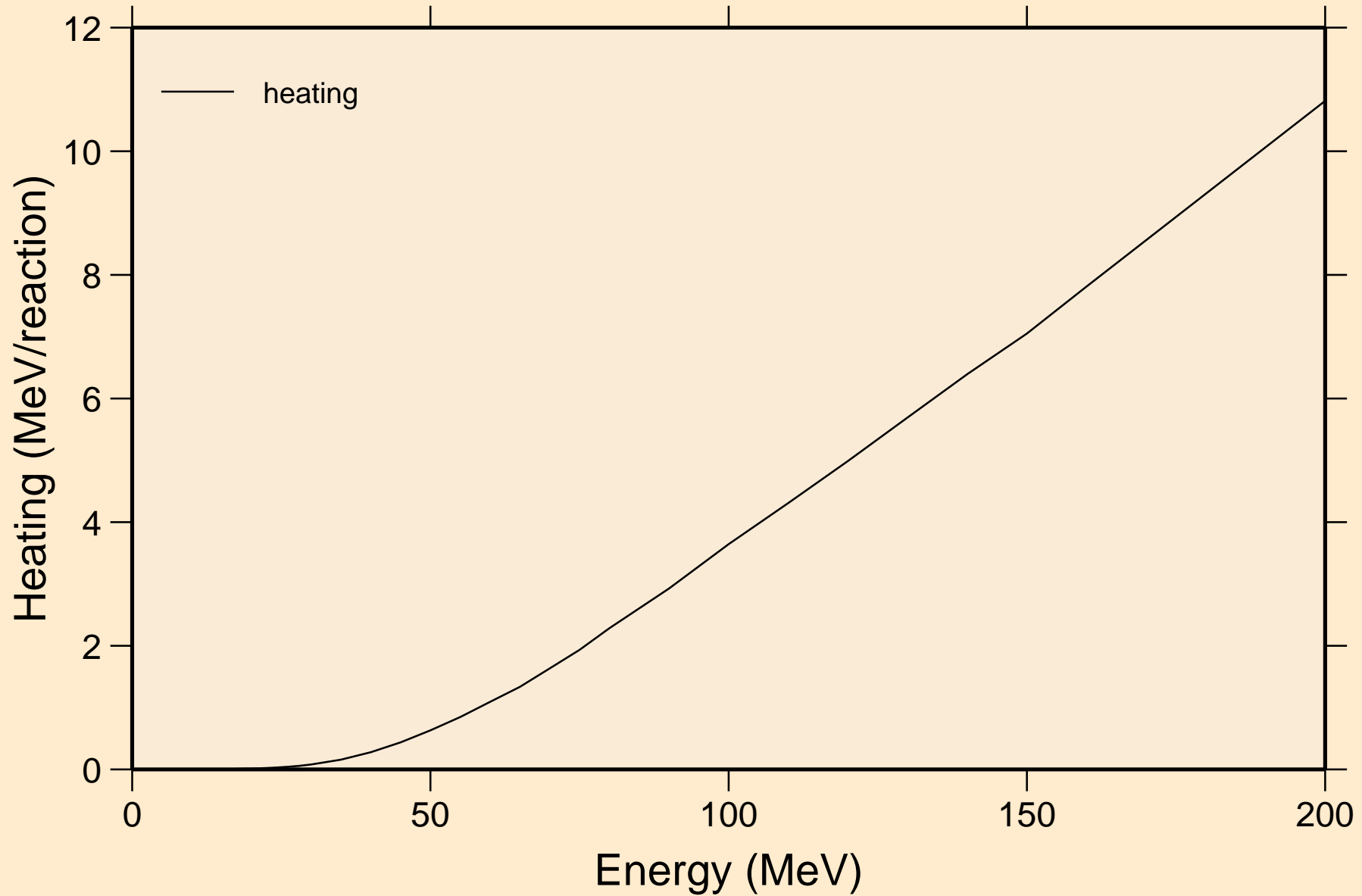


I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



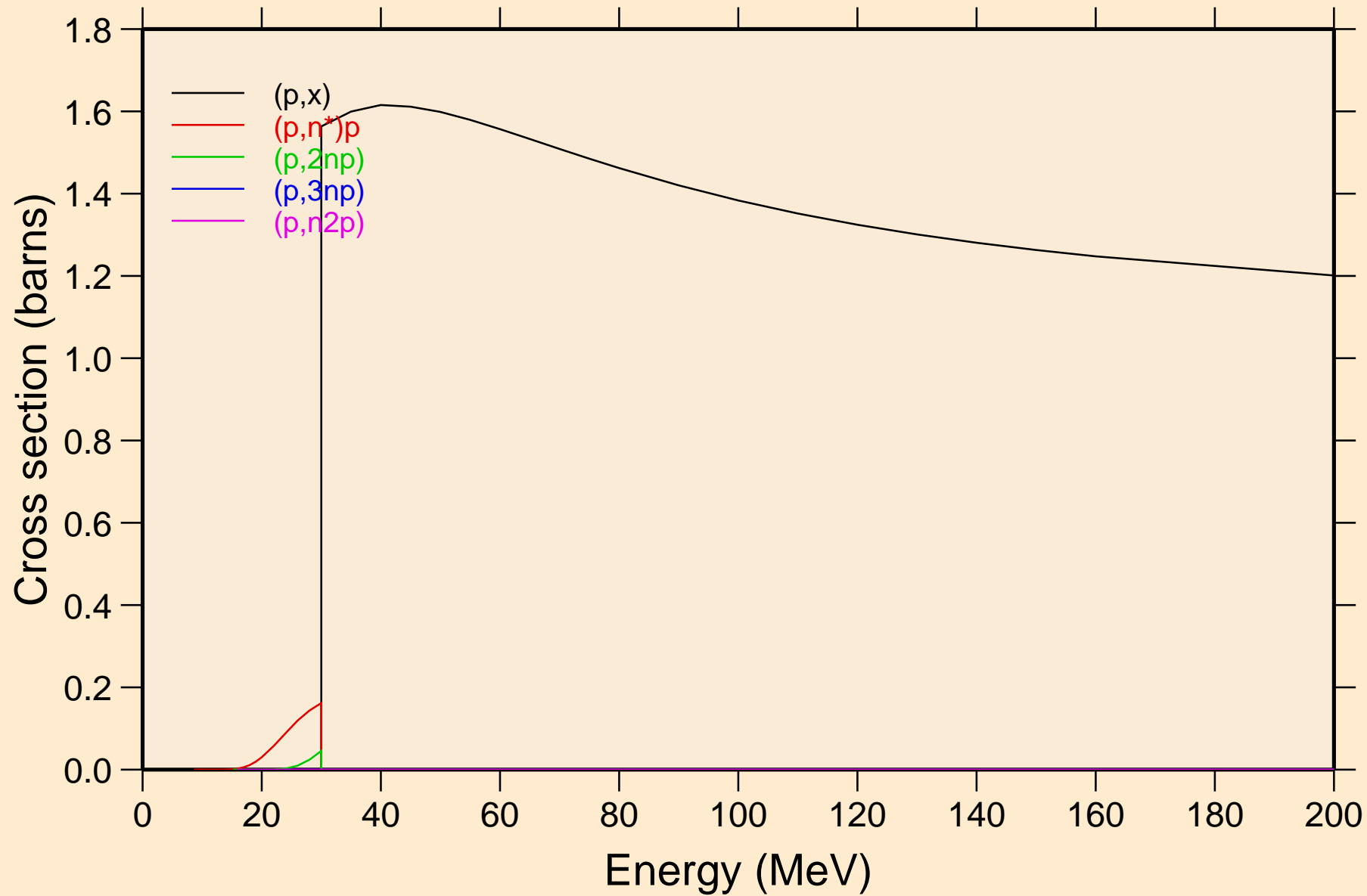
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



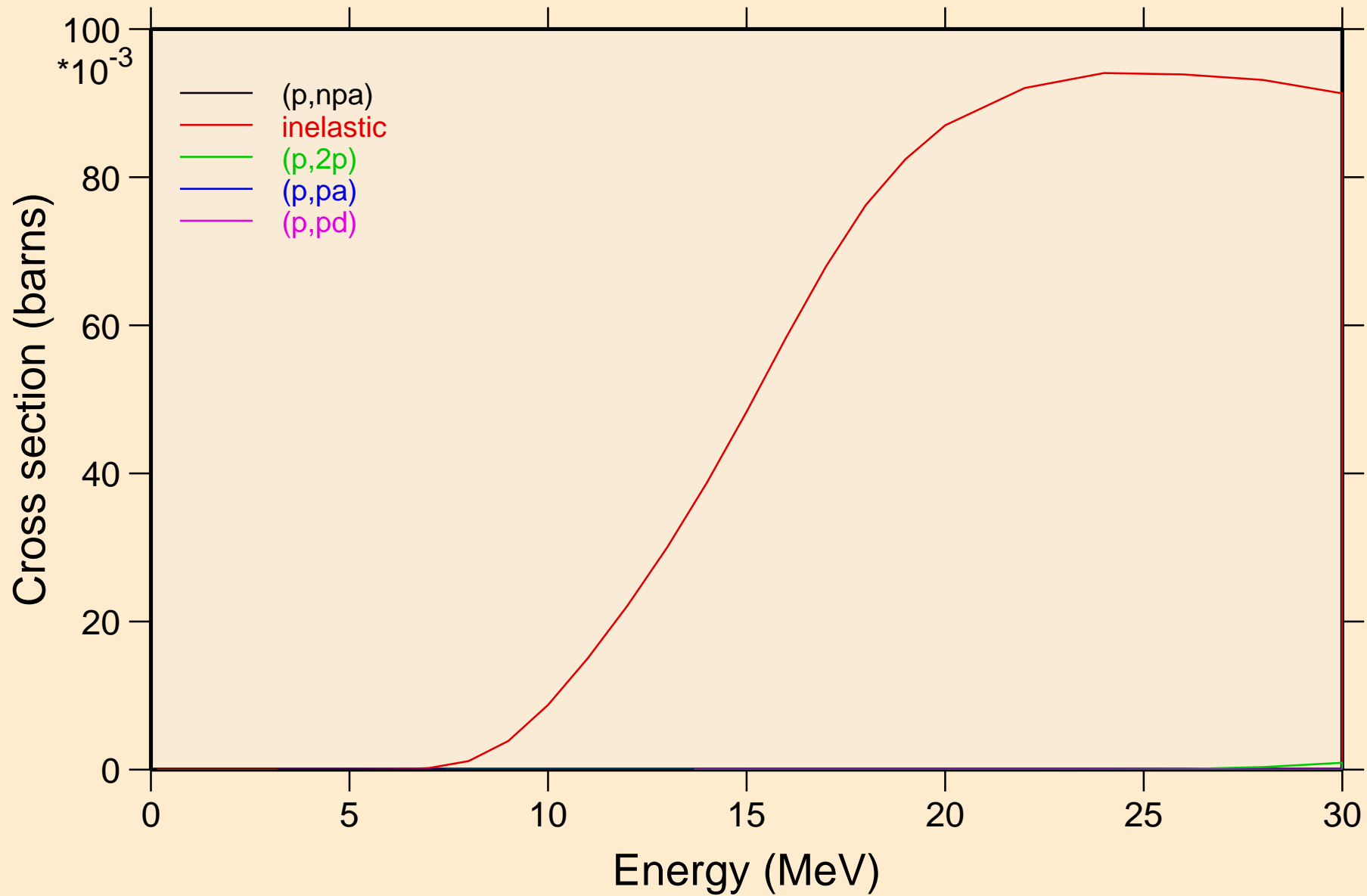
# I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

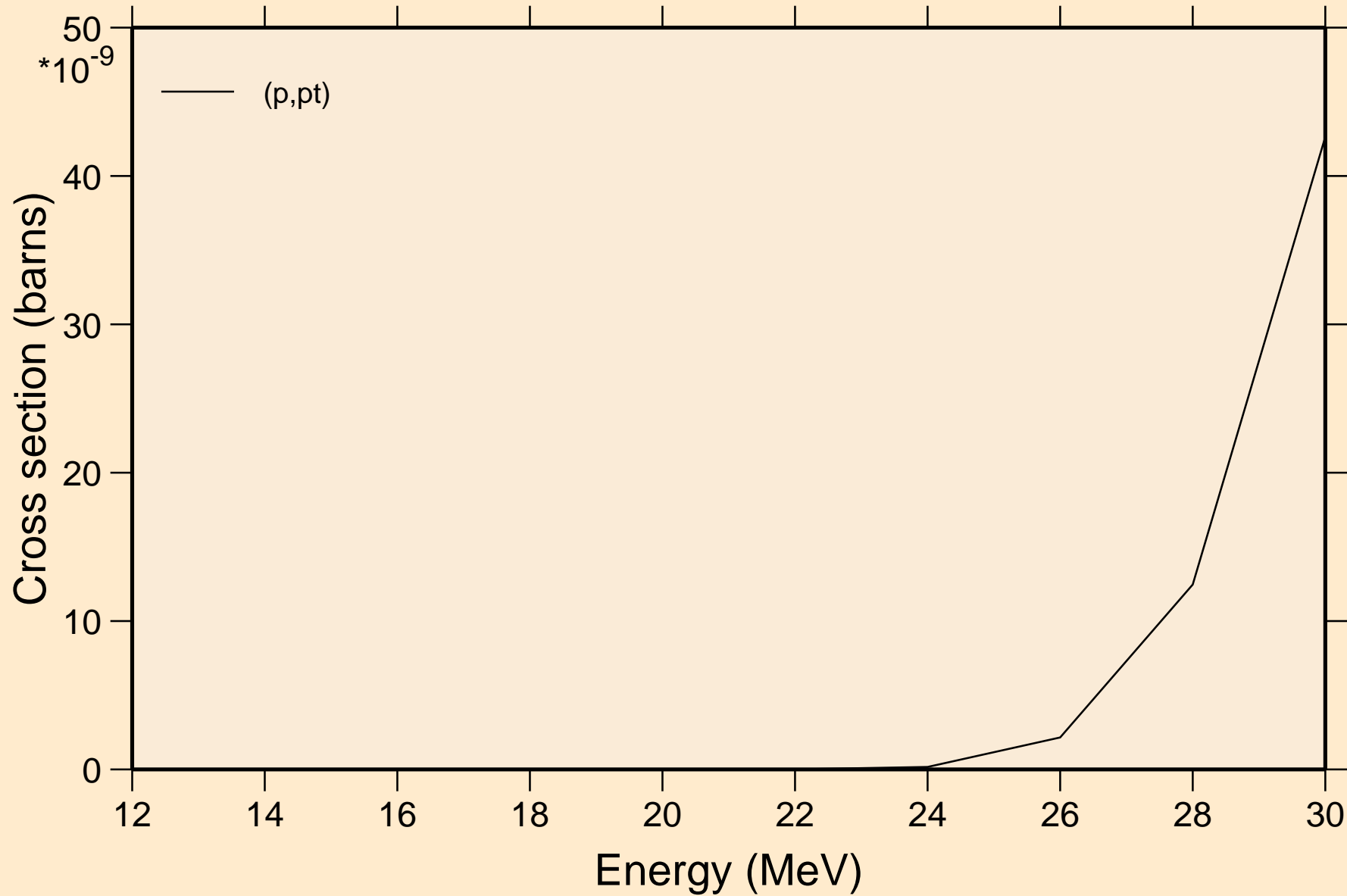


# I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K

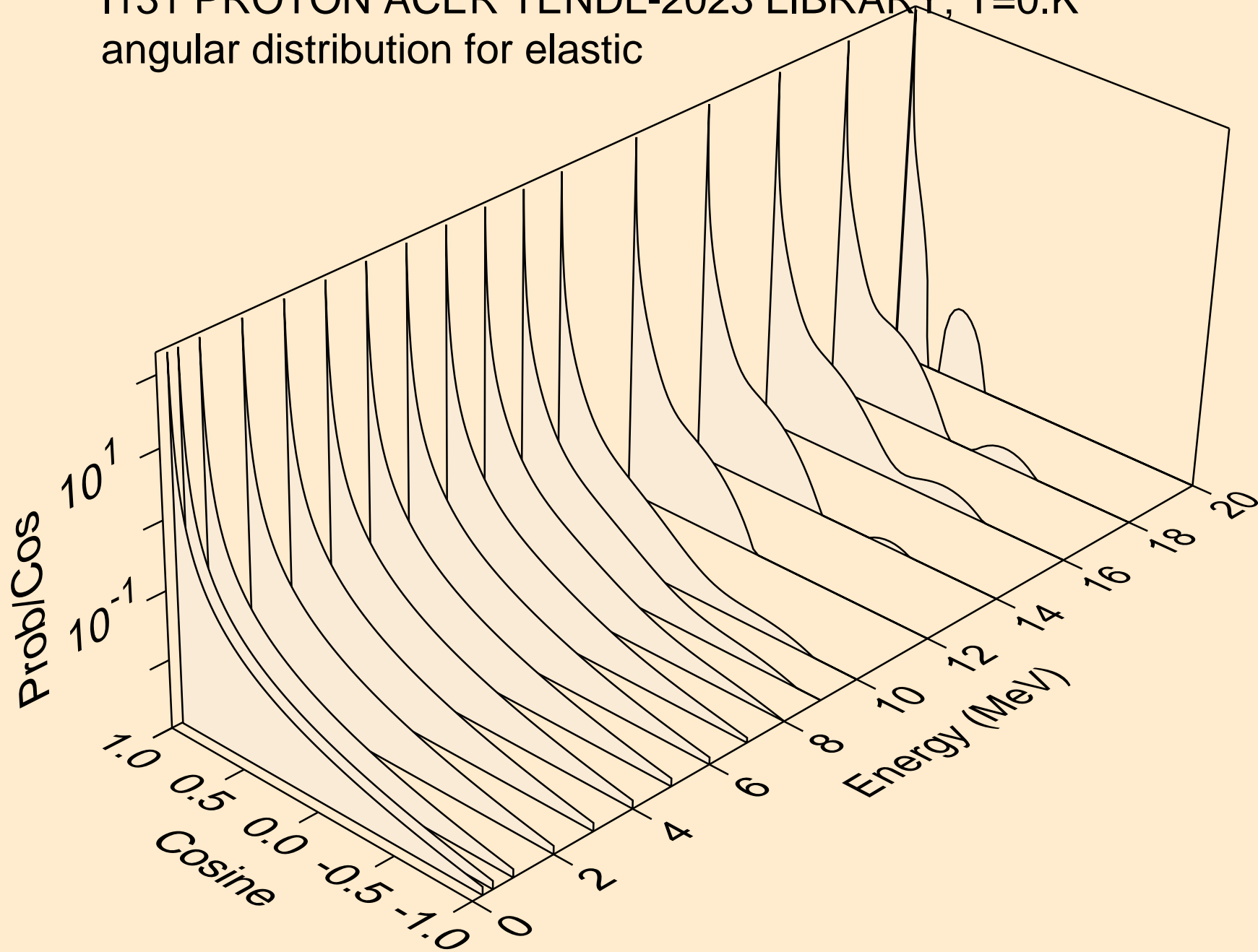
## Threshold reactions



I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

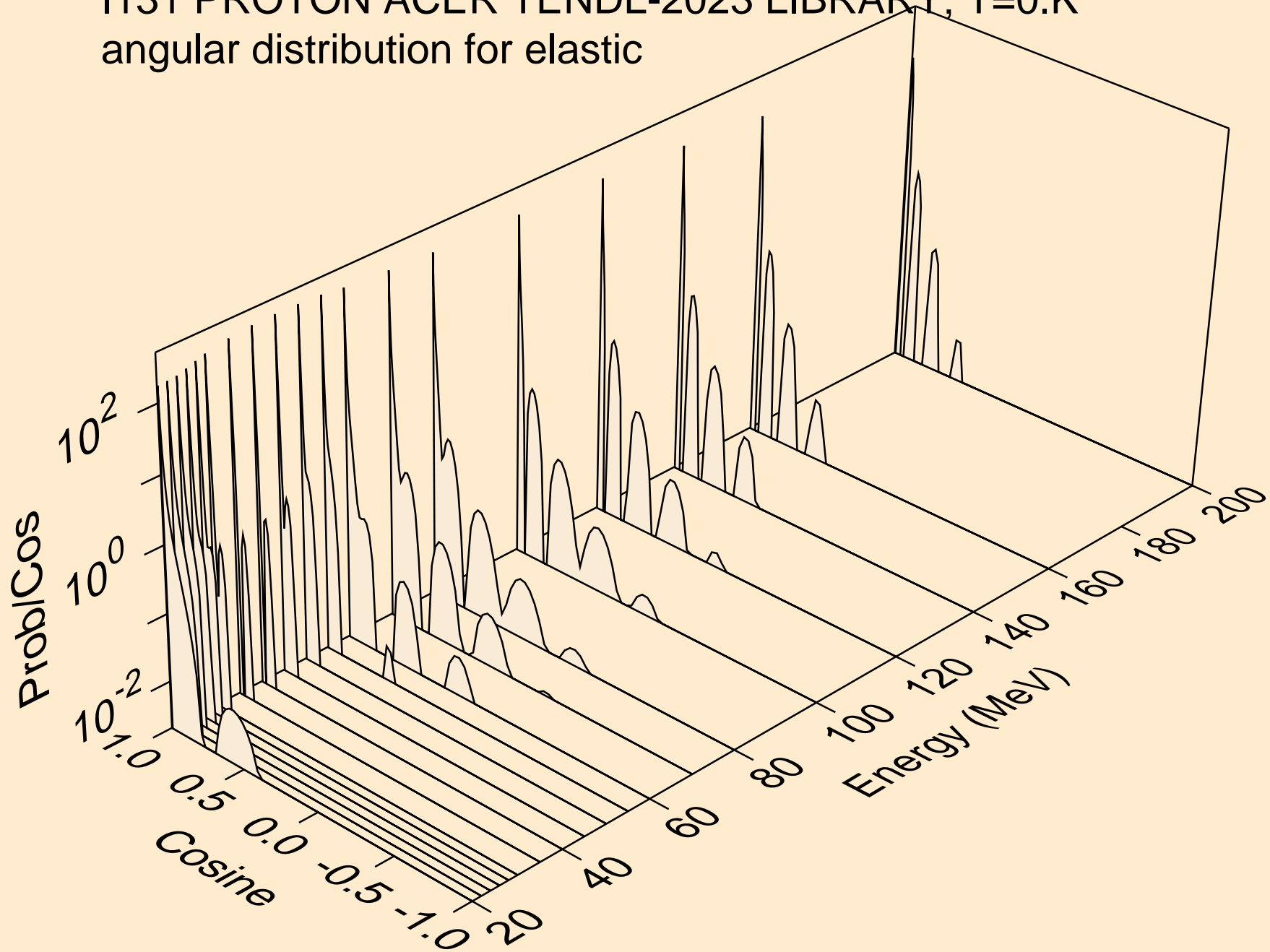


I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

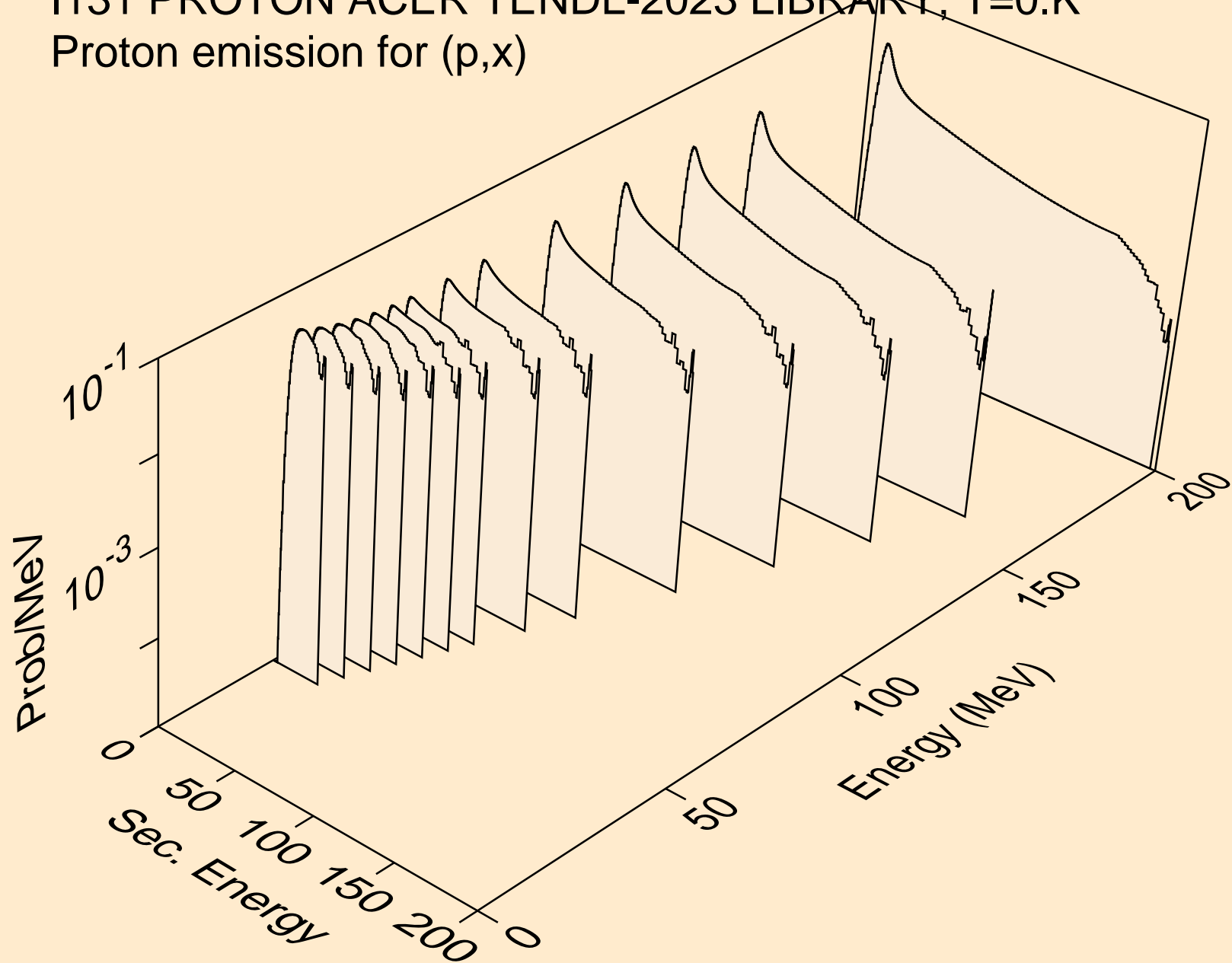




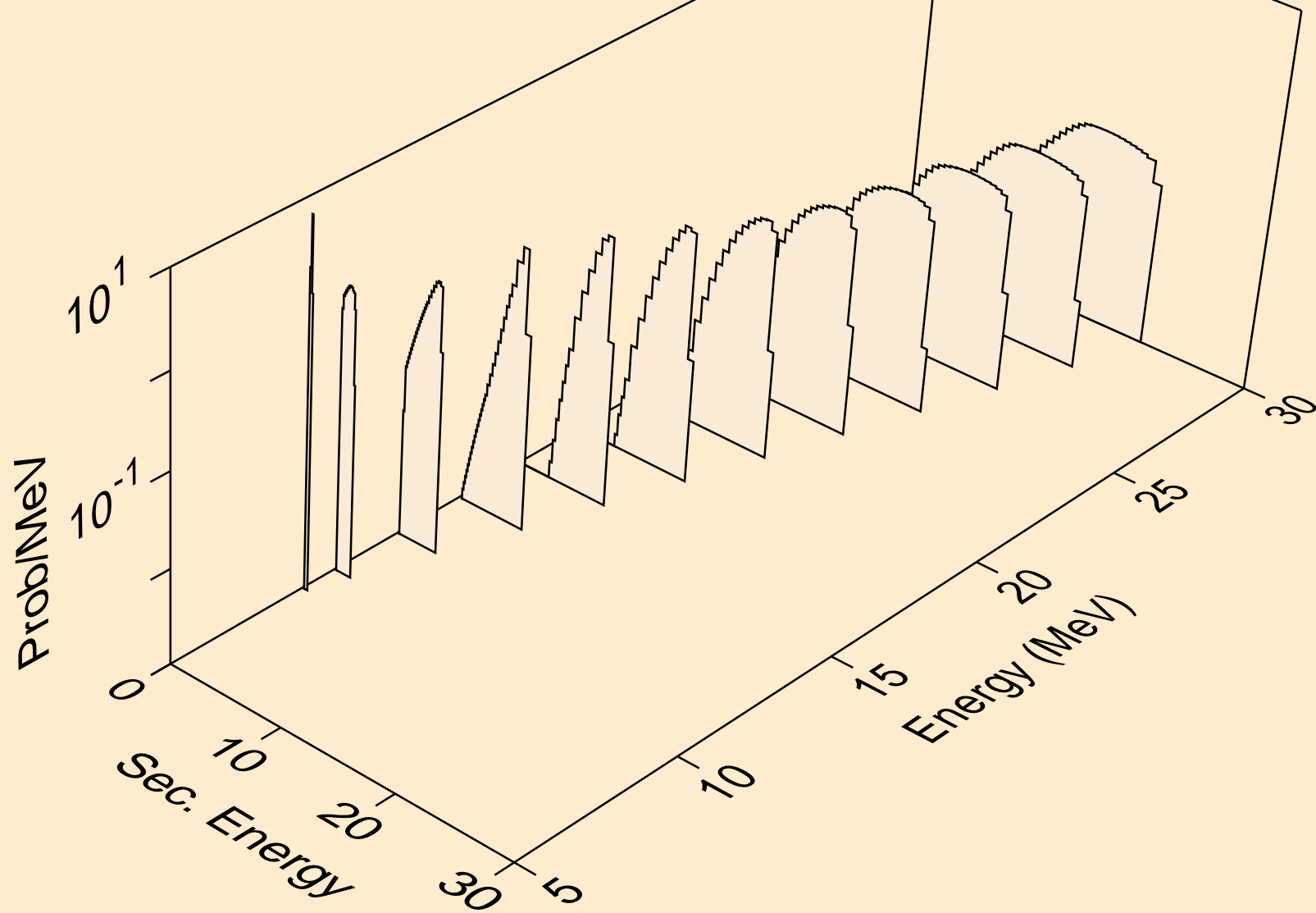
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



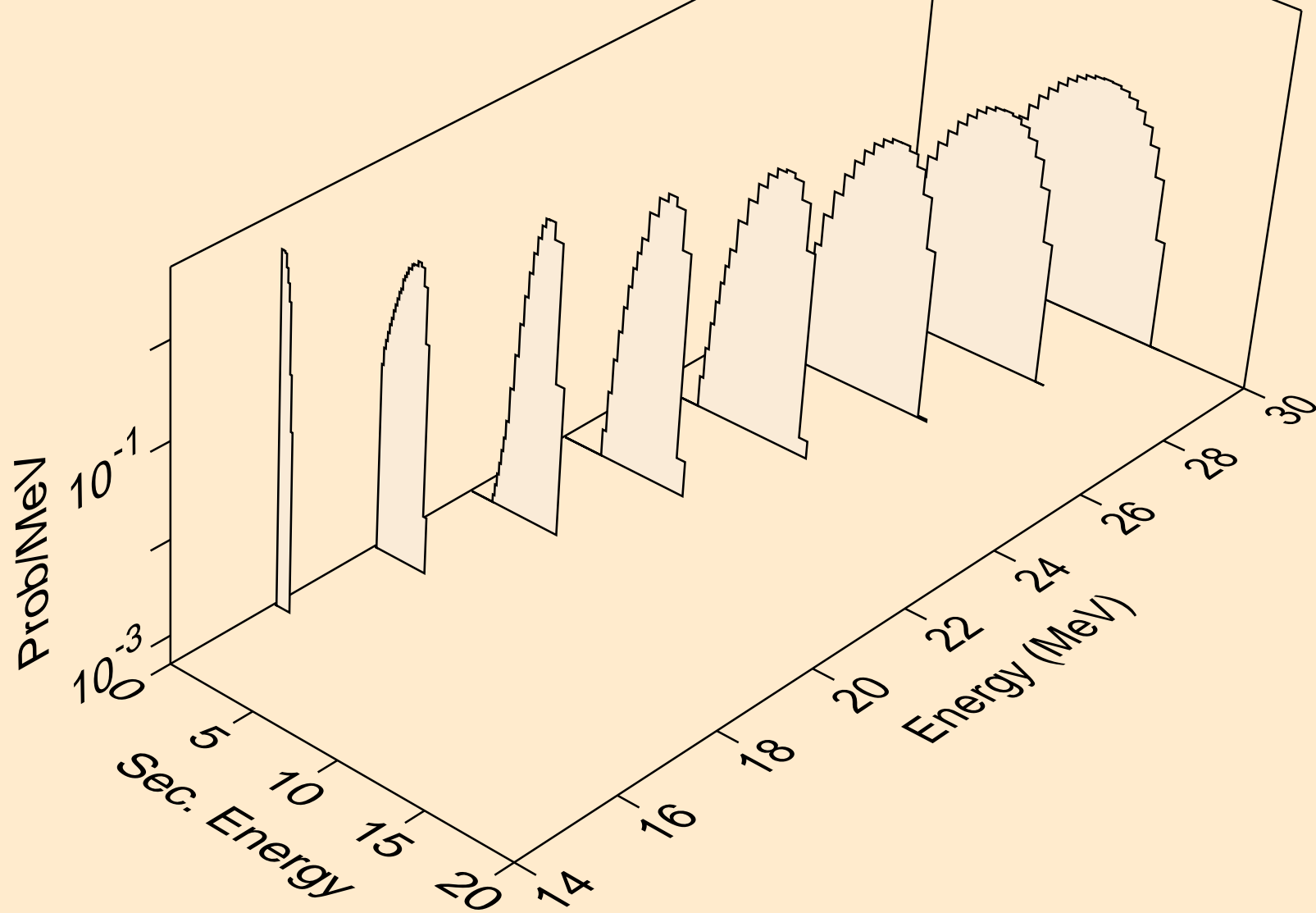
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



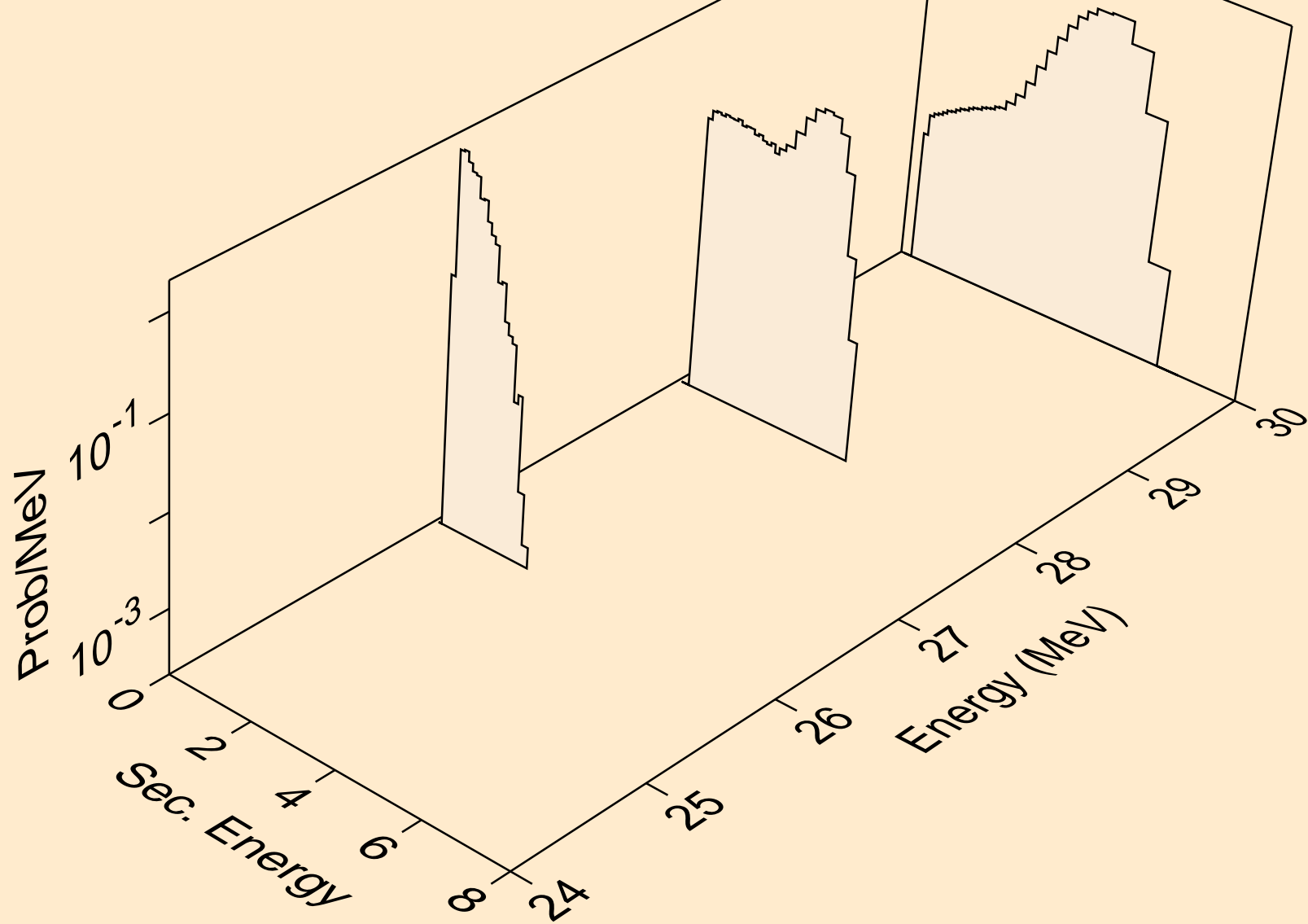
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



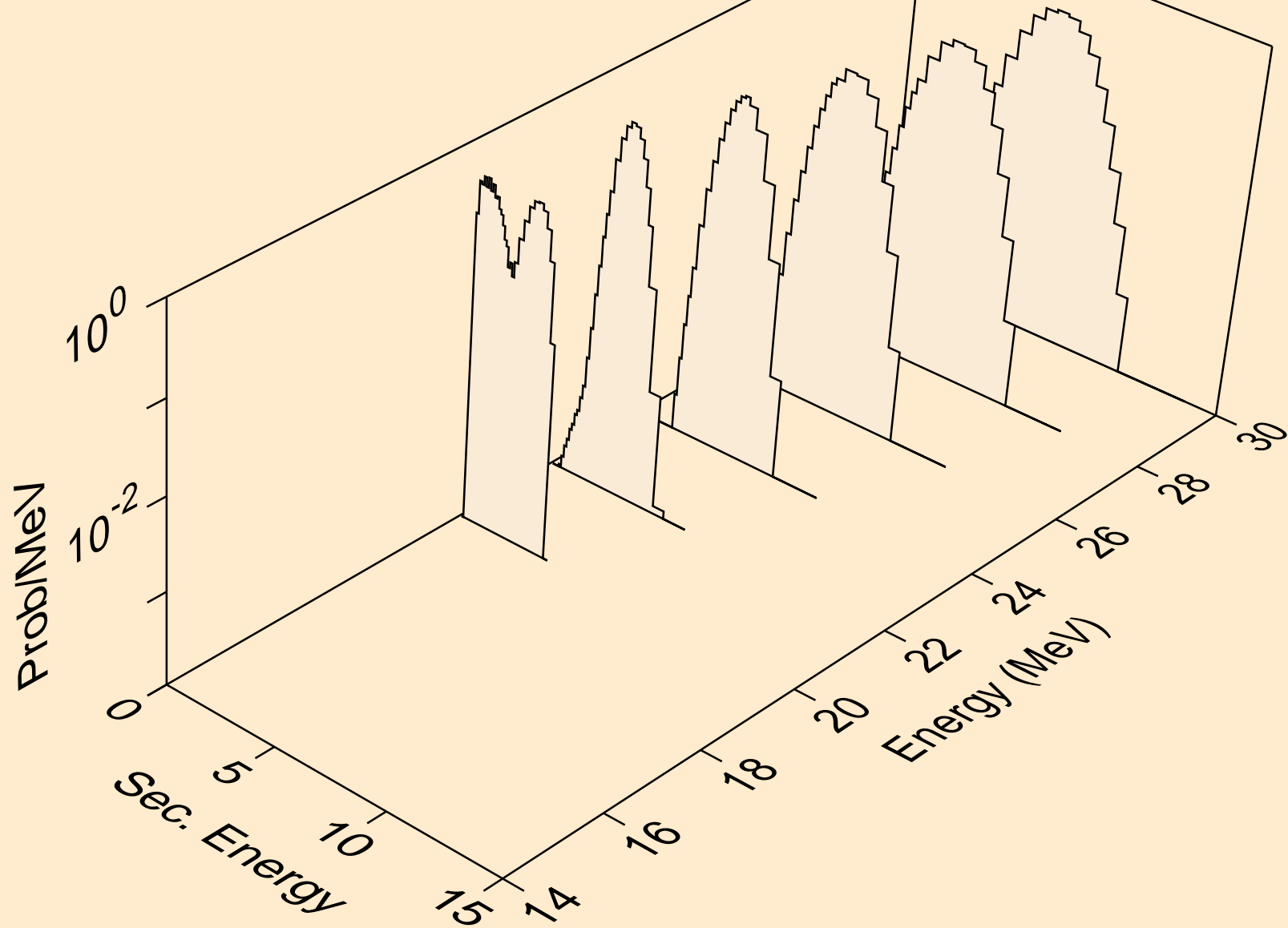
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



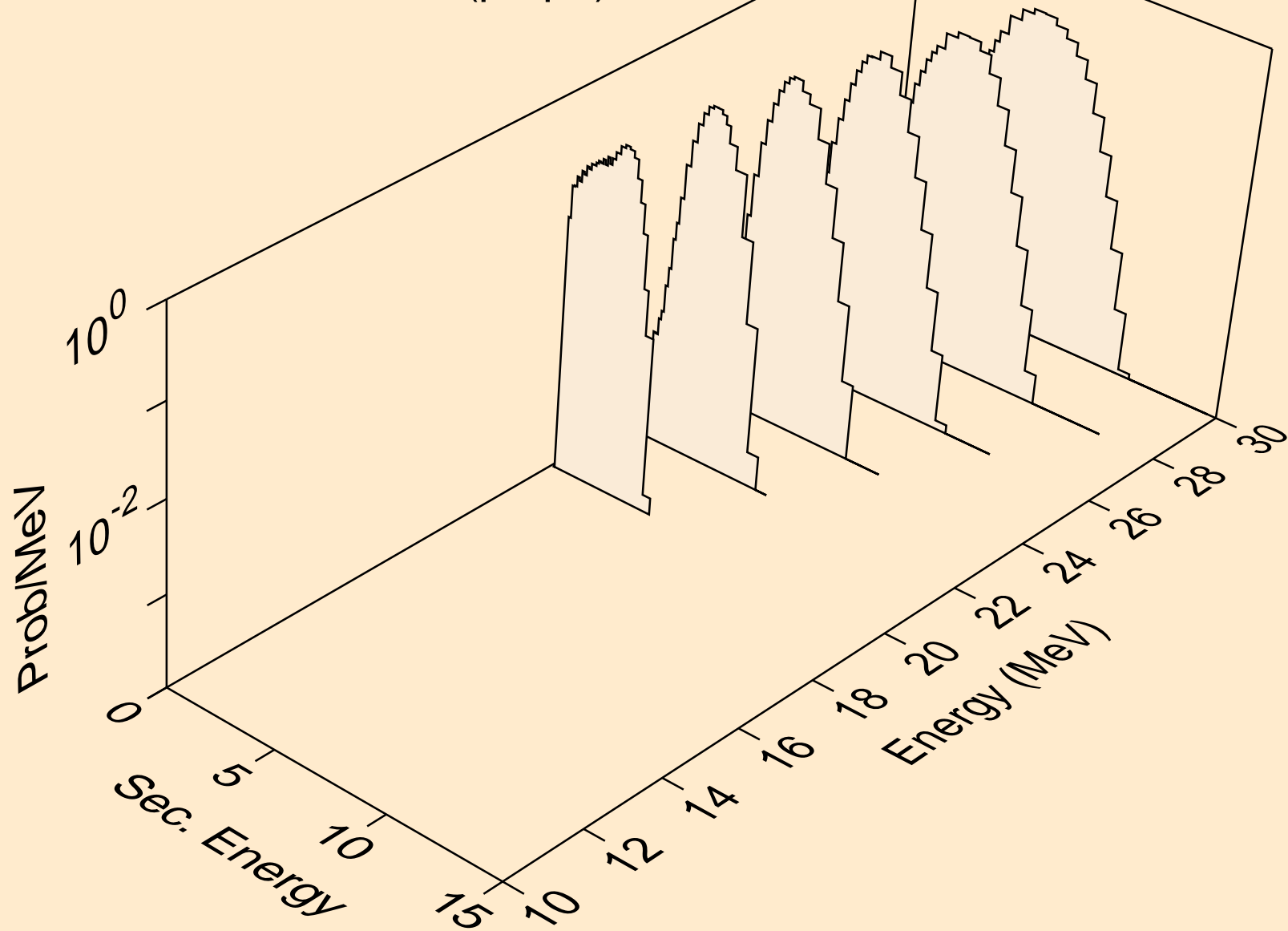
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



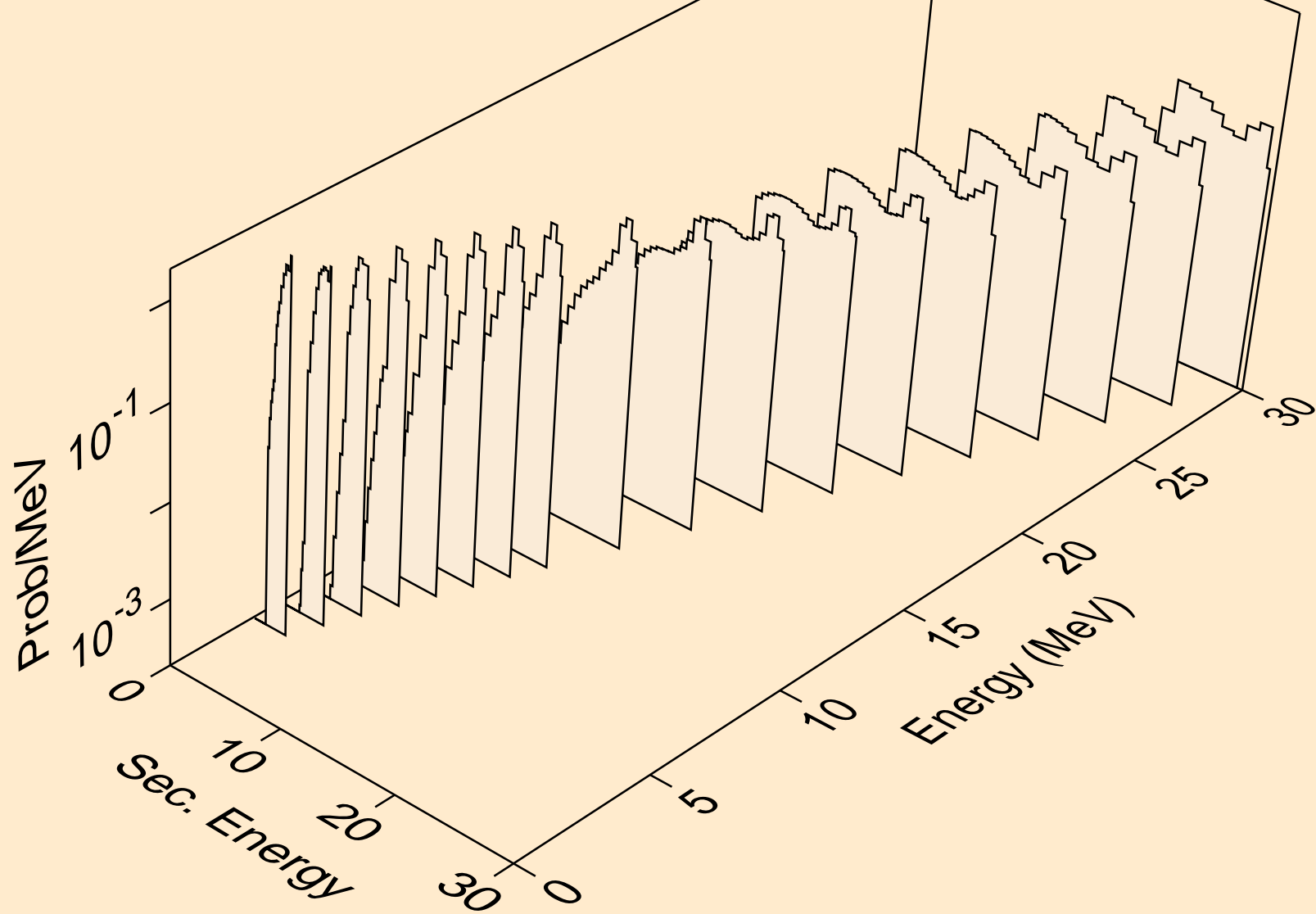
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

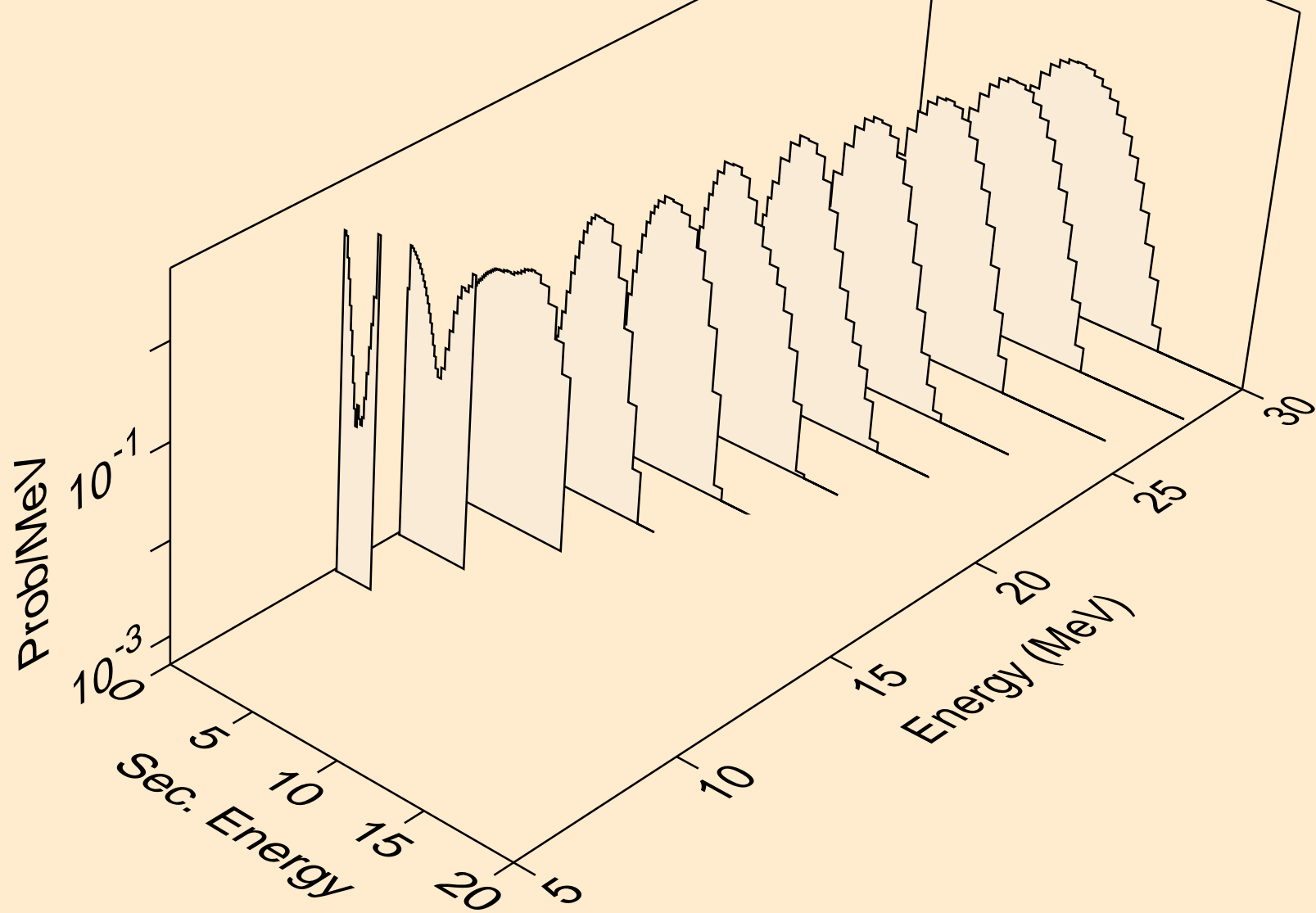


I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

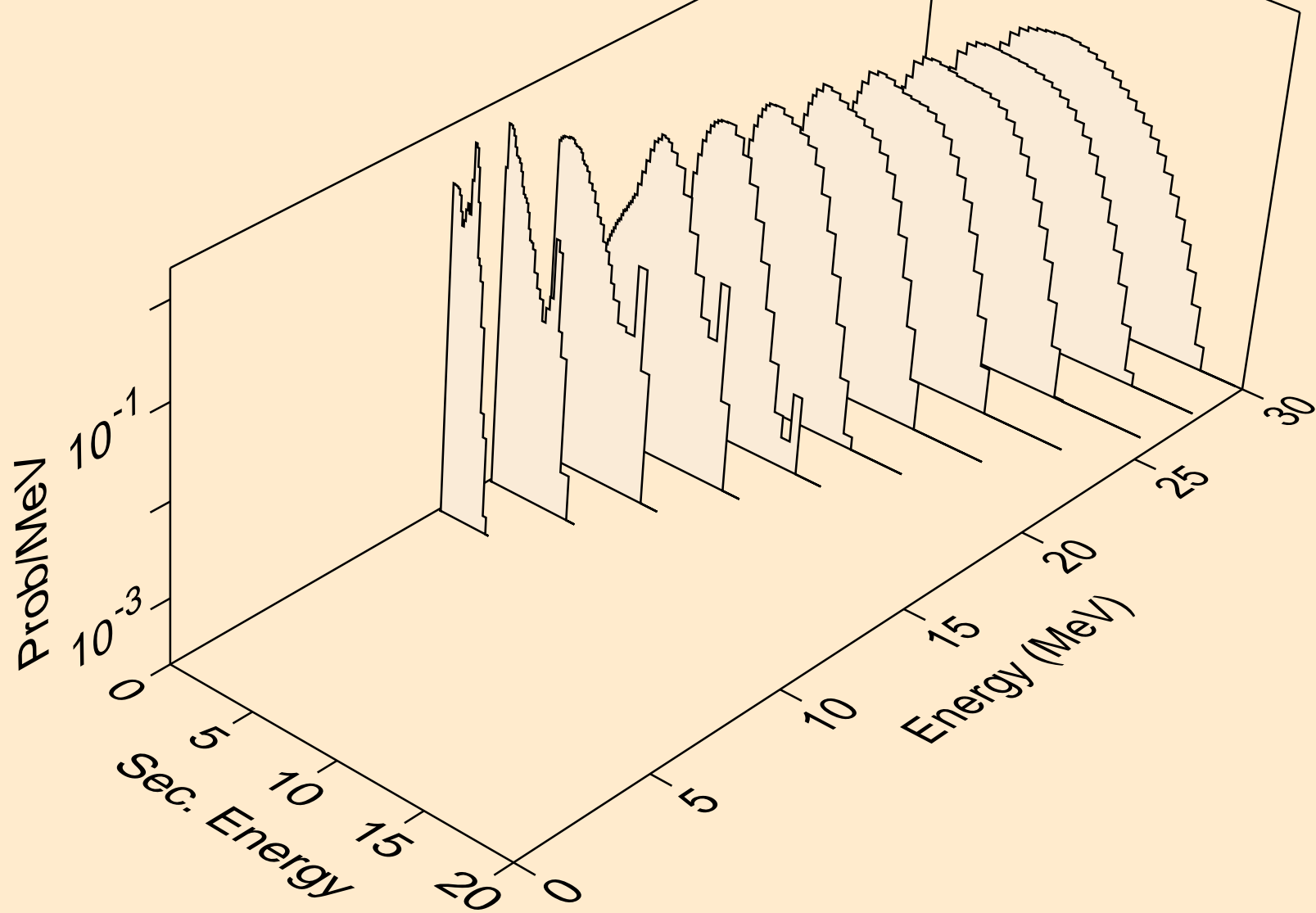




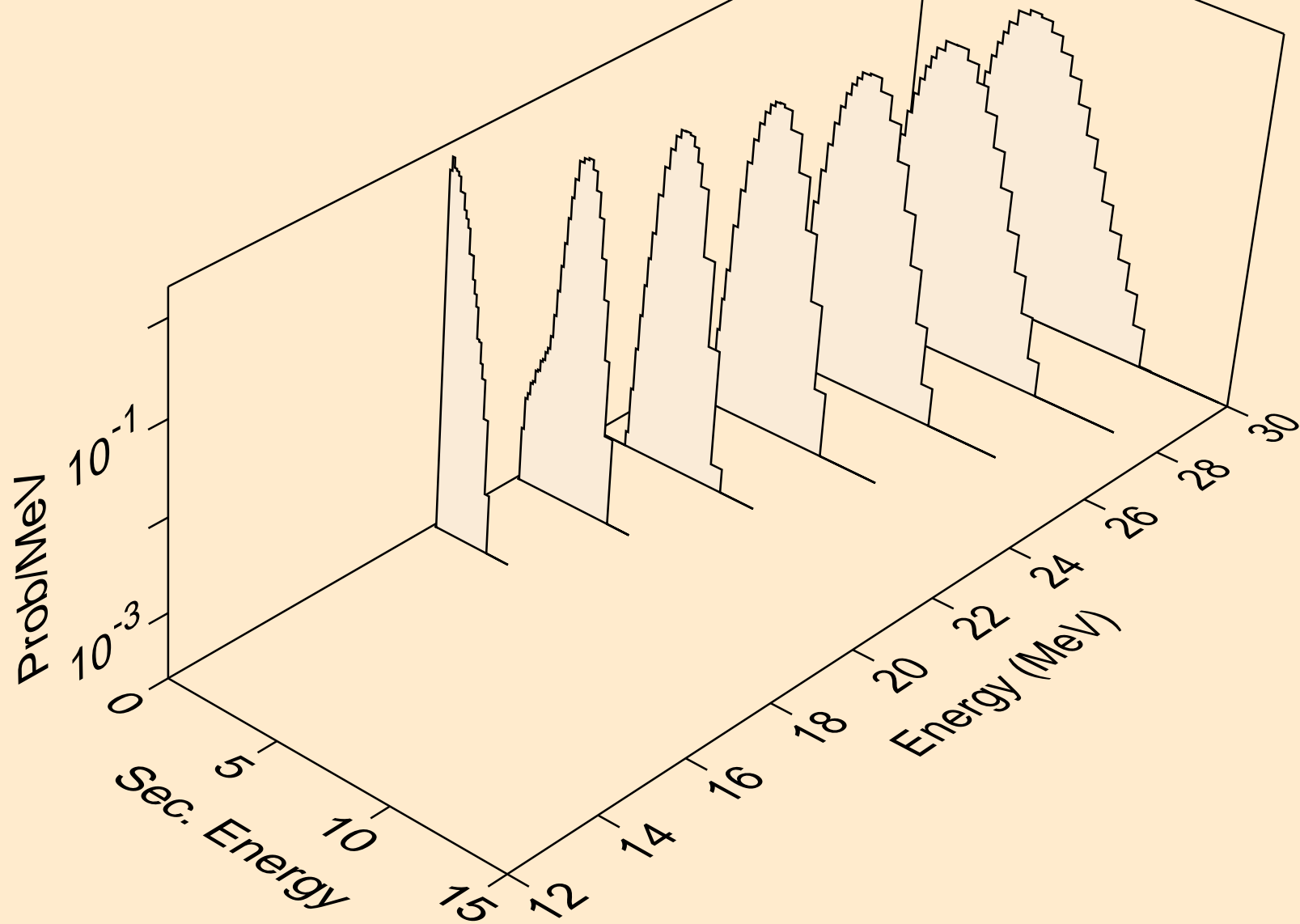
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



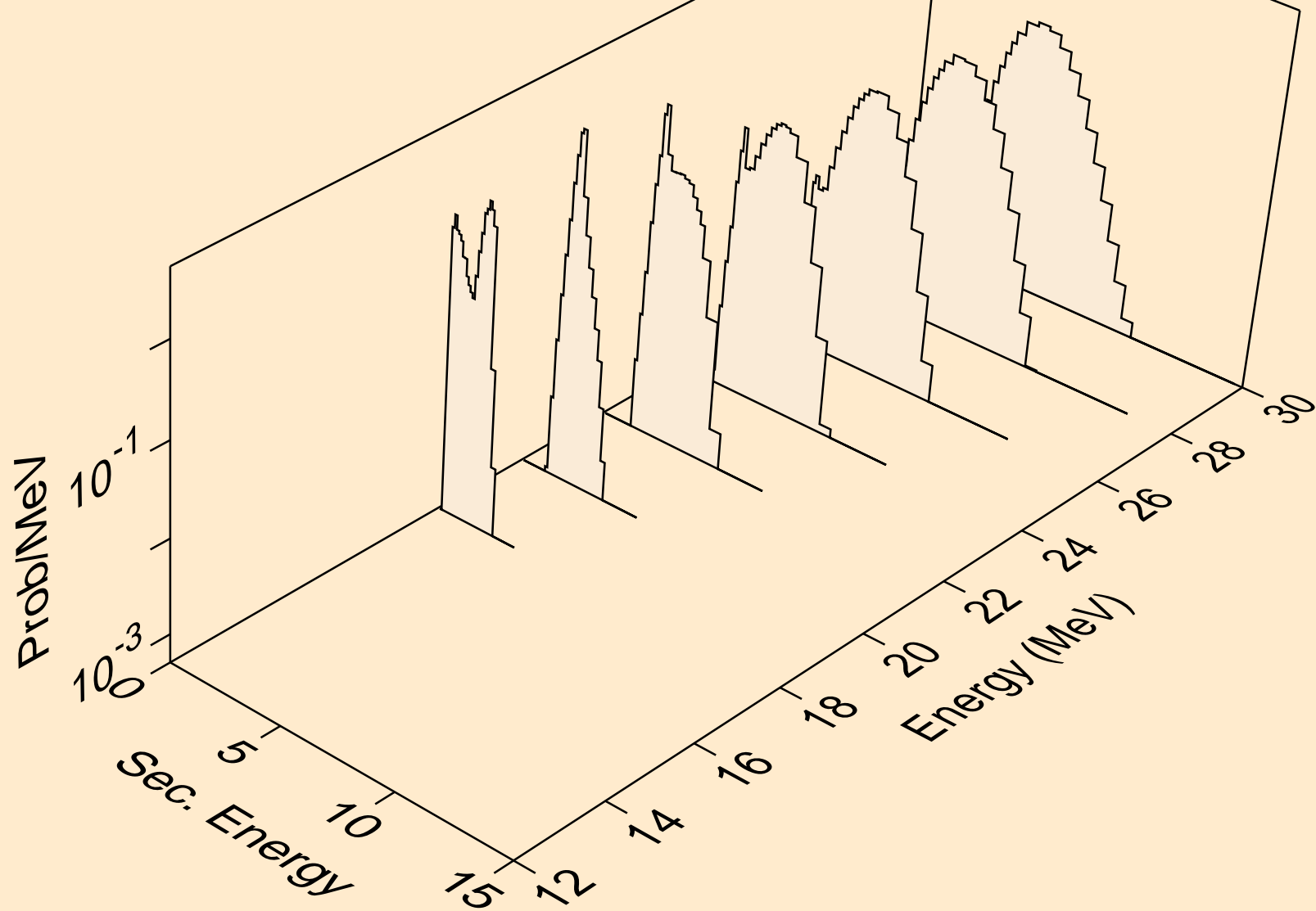
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



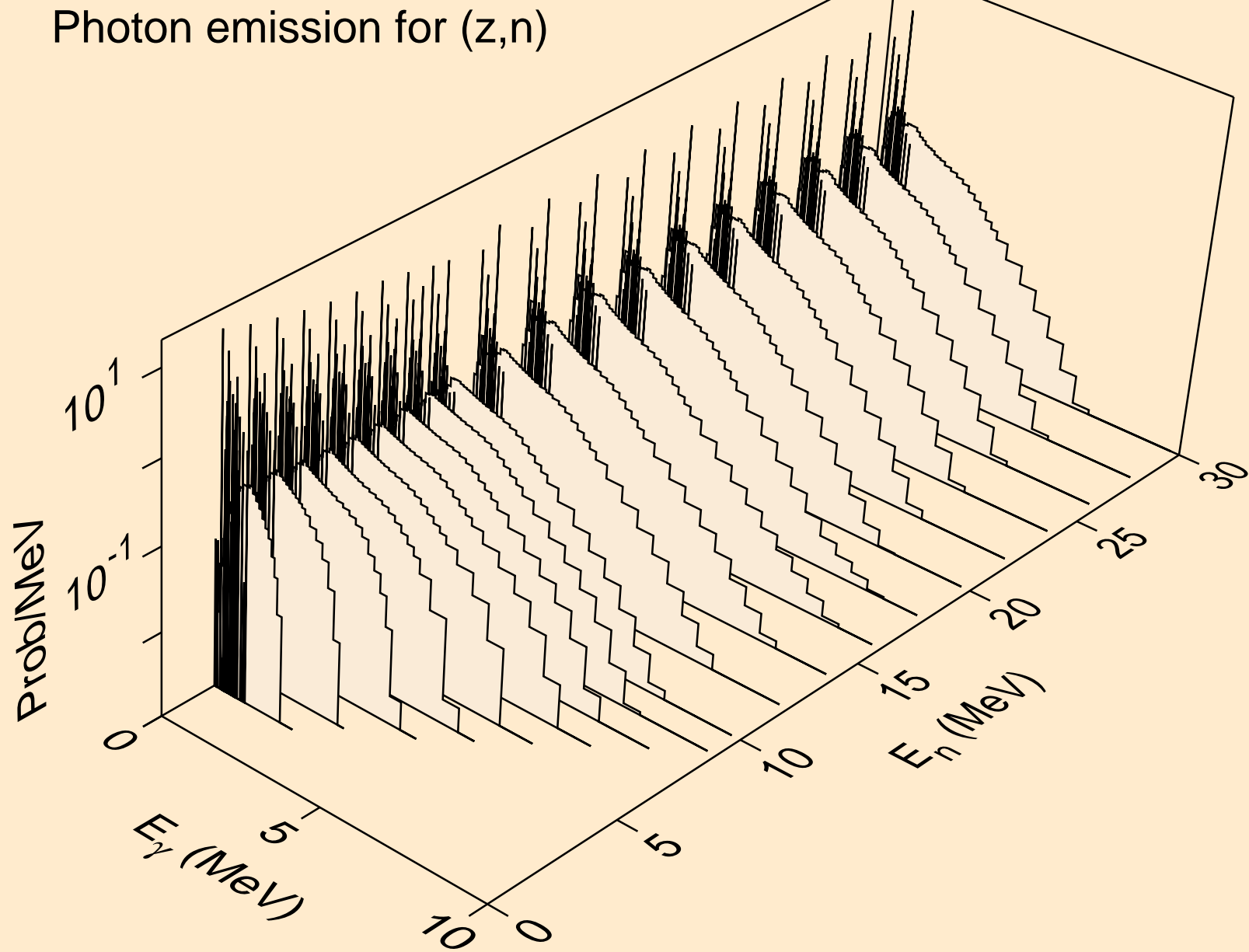
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



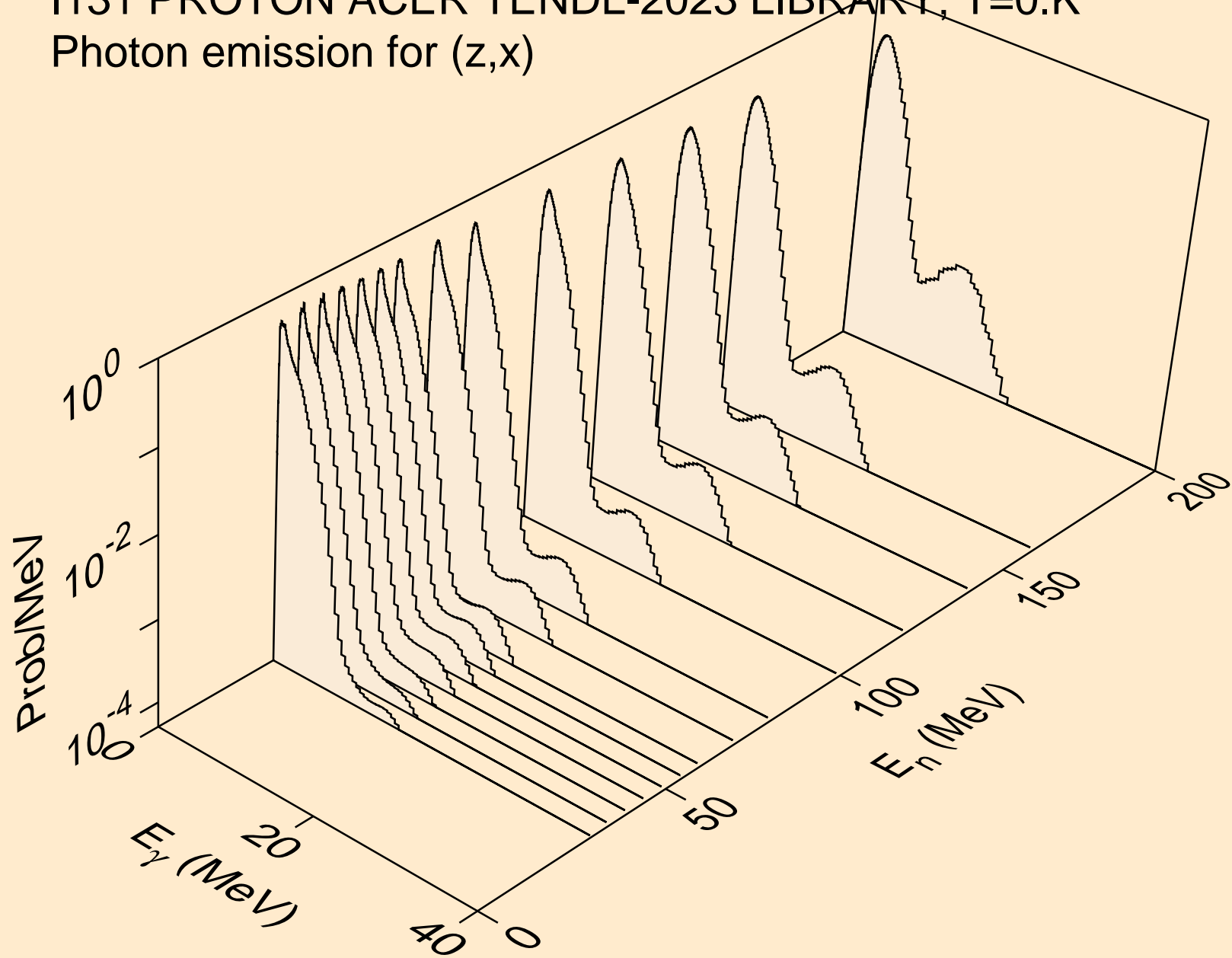
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



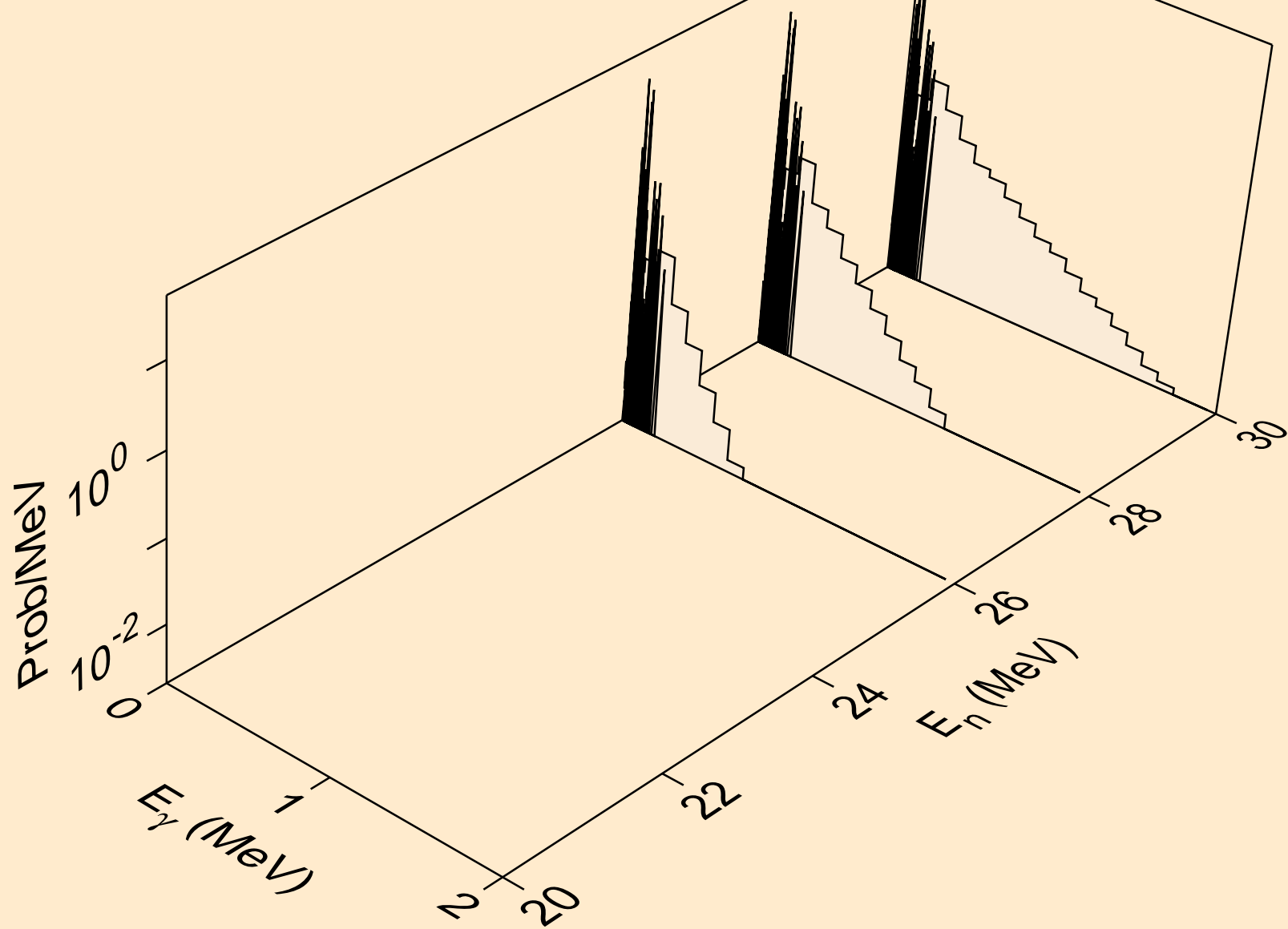
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



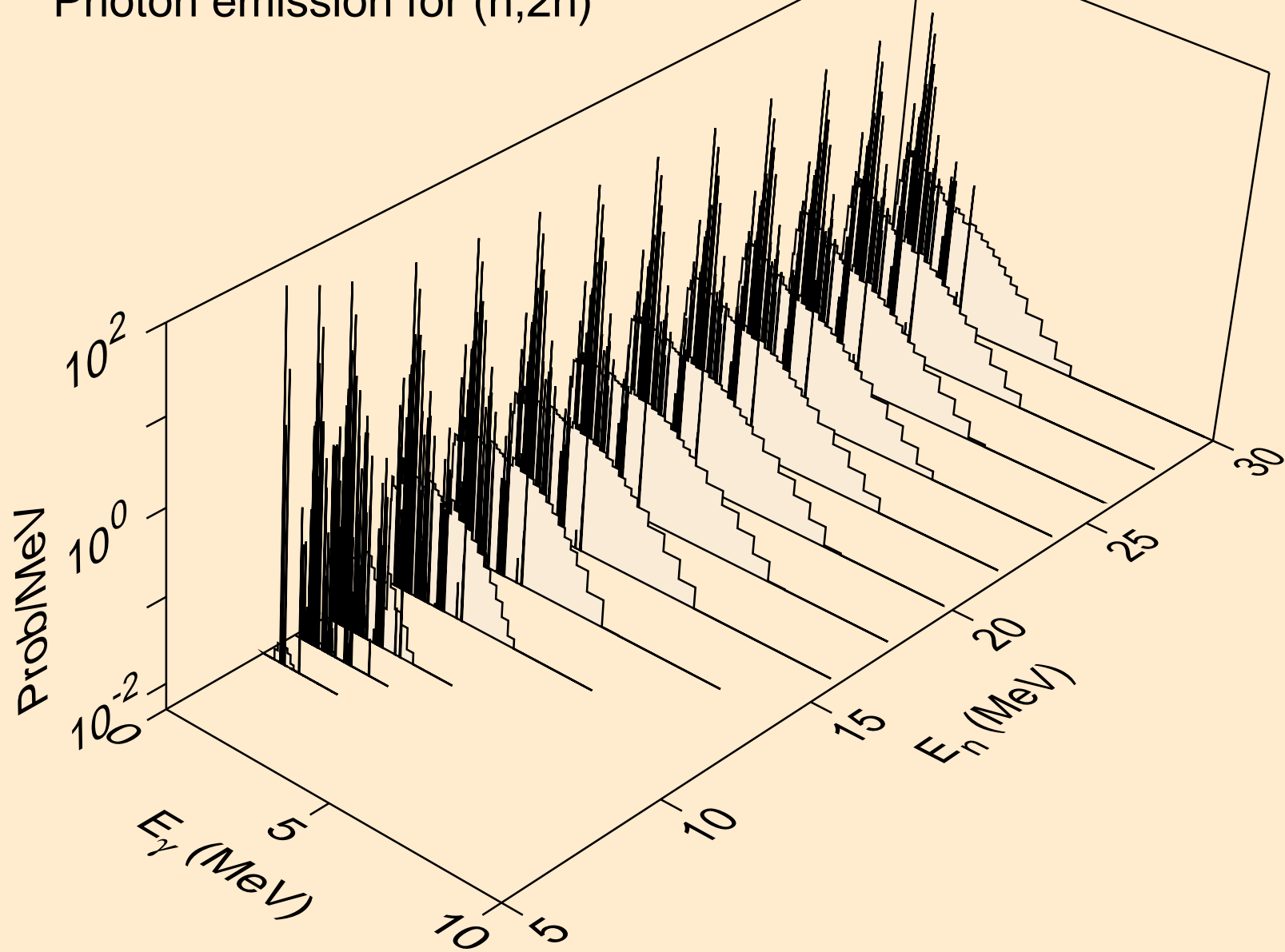
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

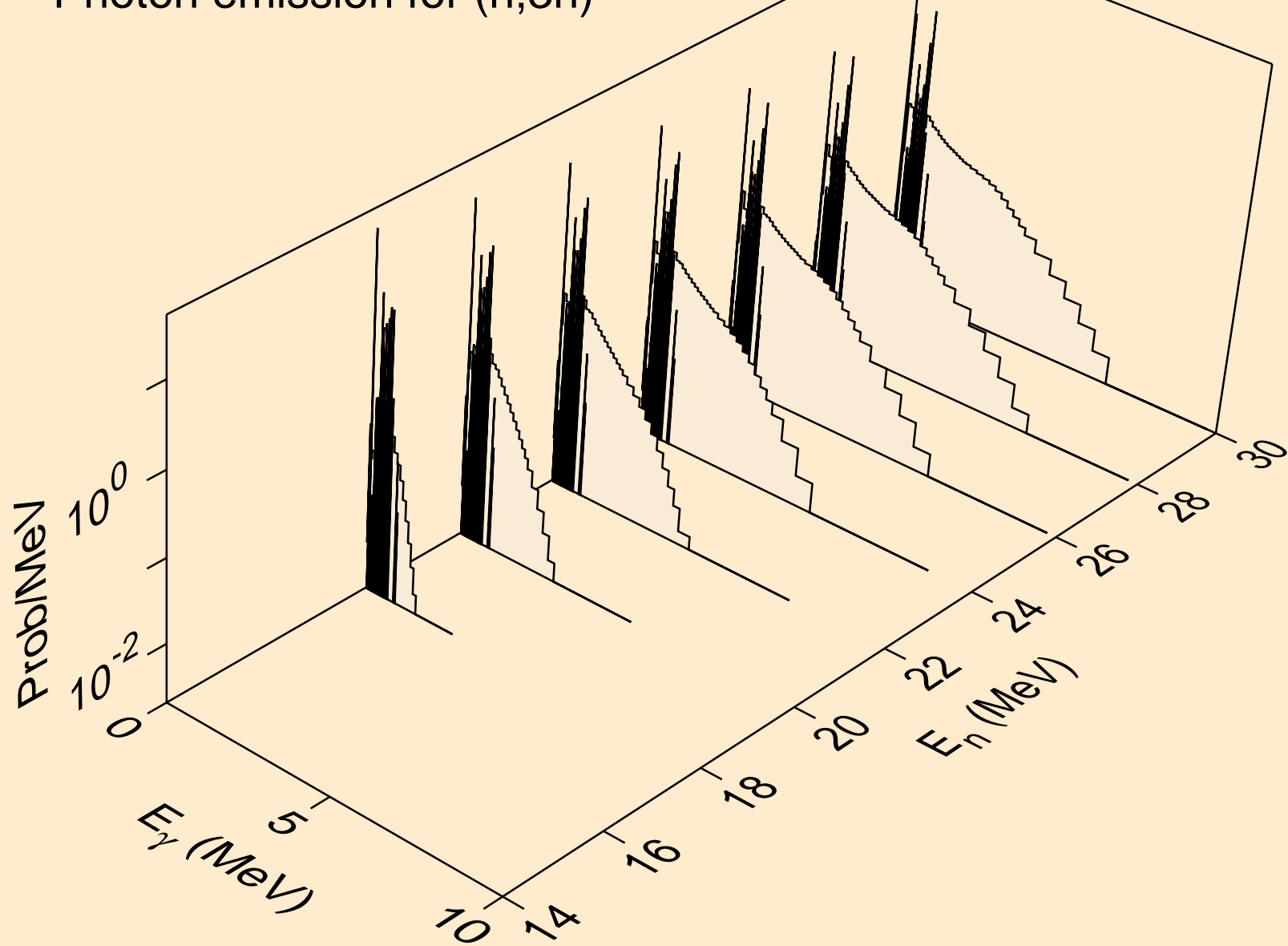


I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

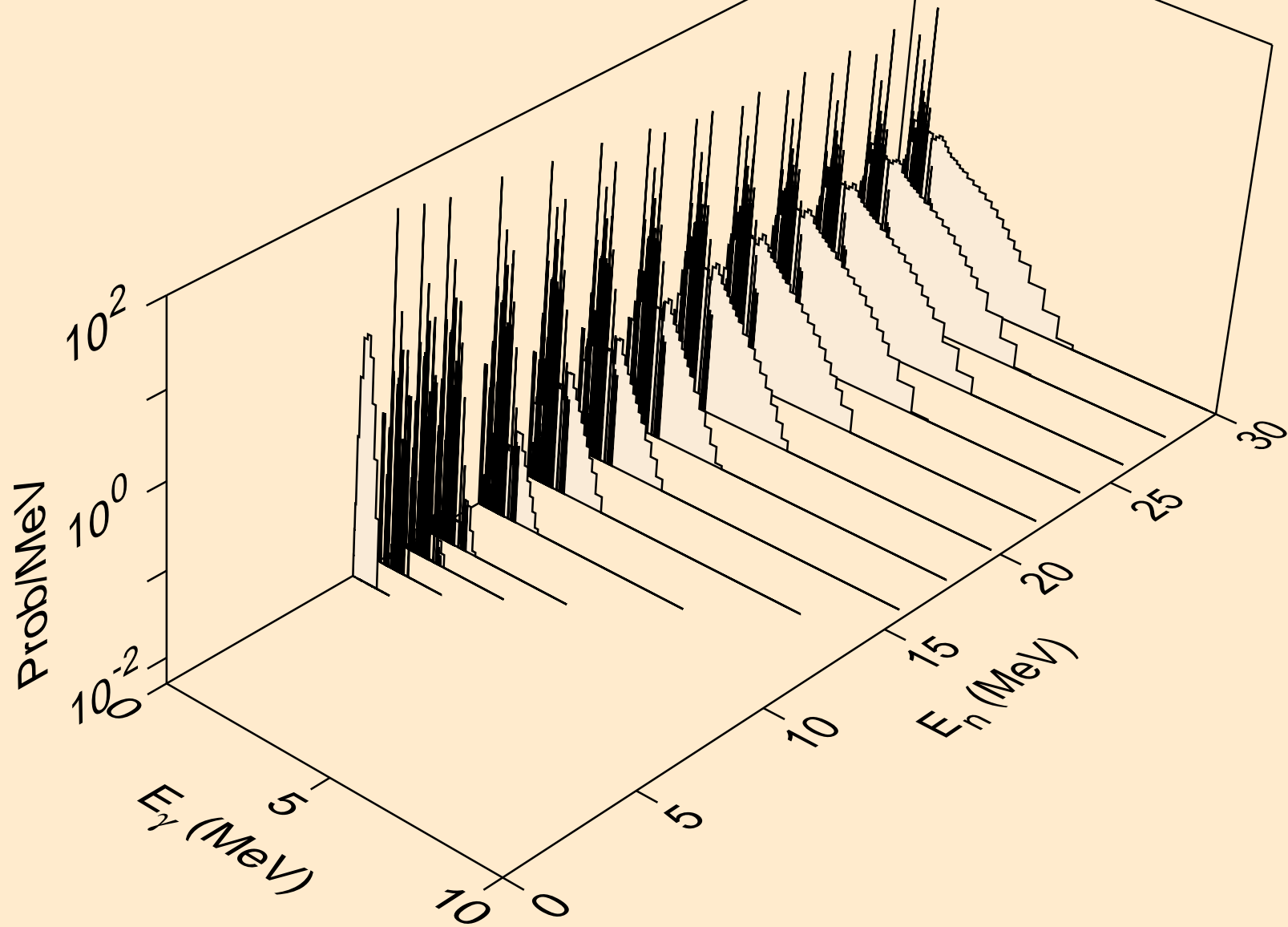




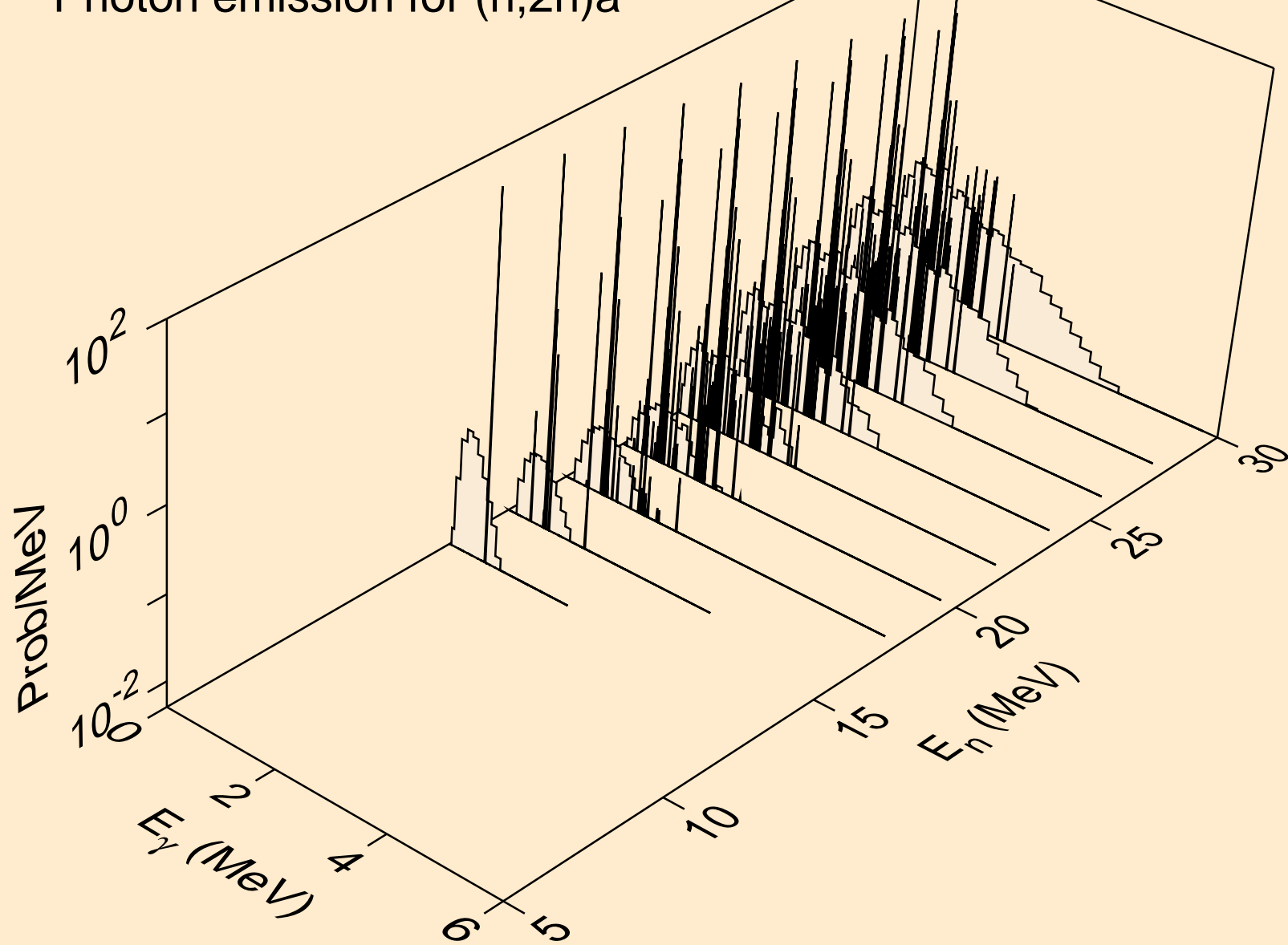
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



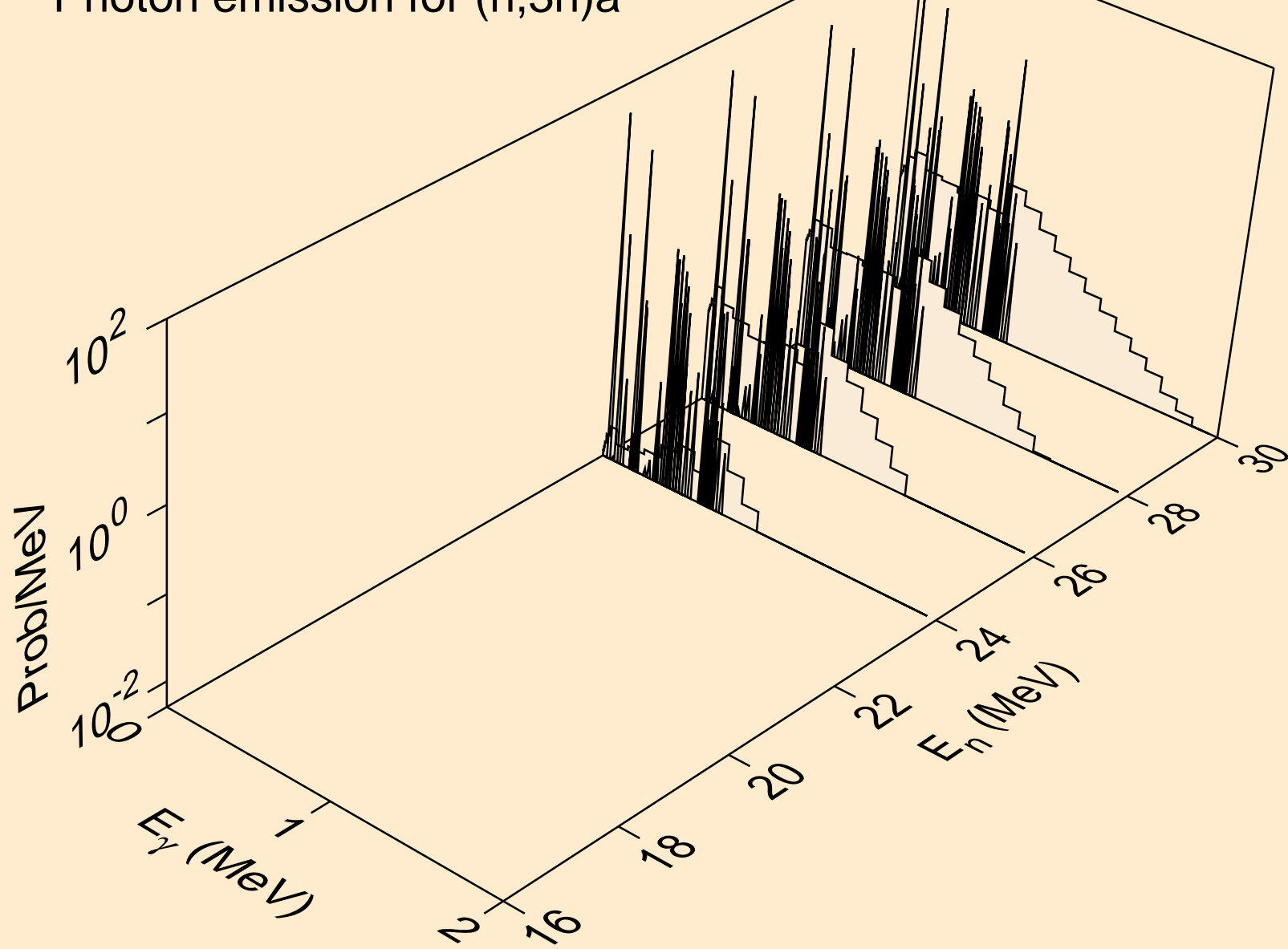
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



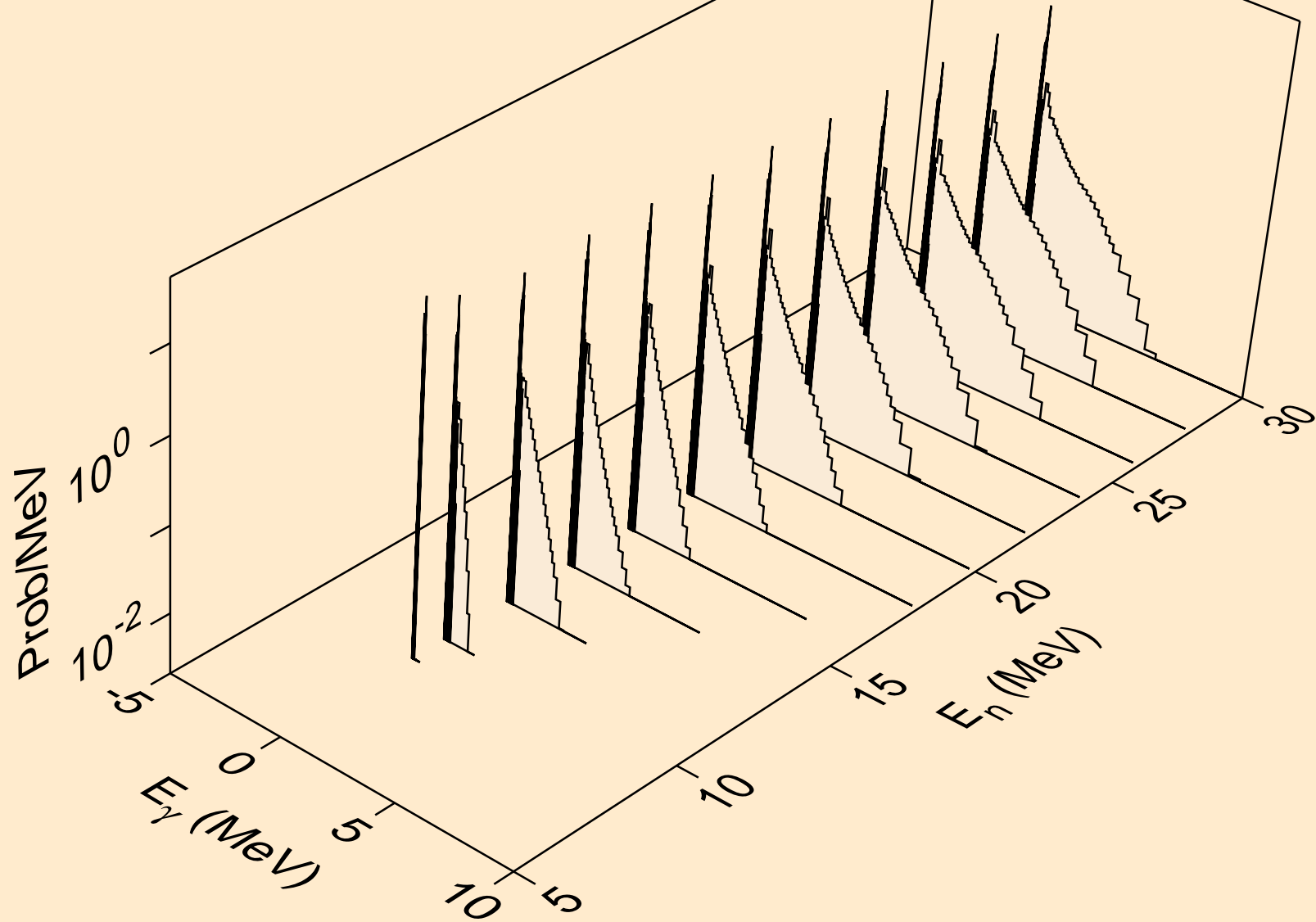
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



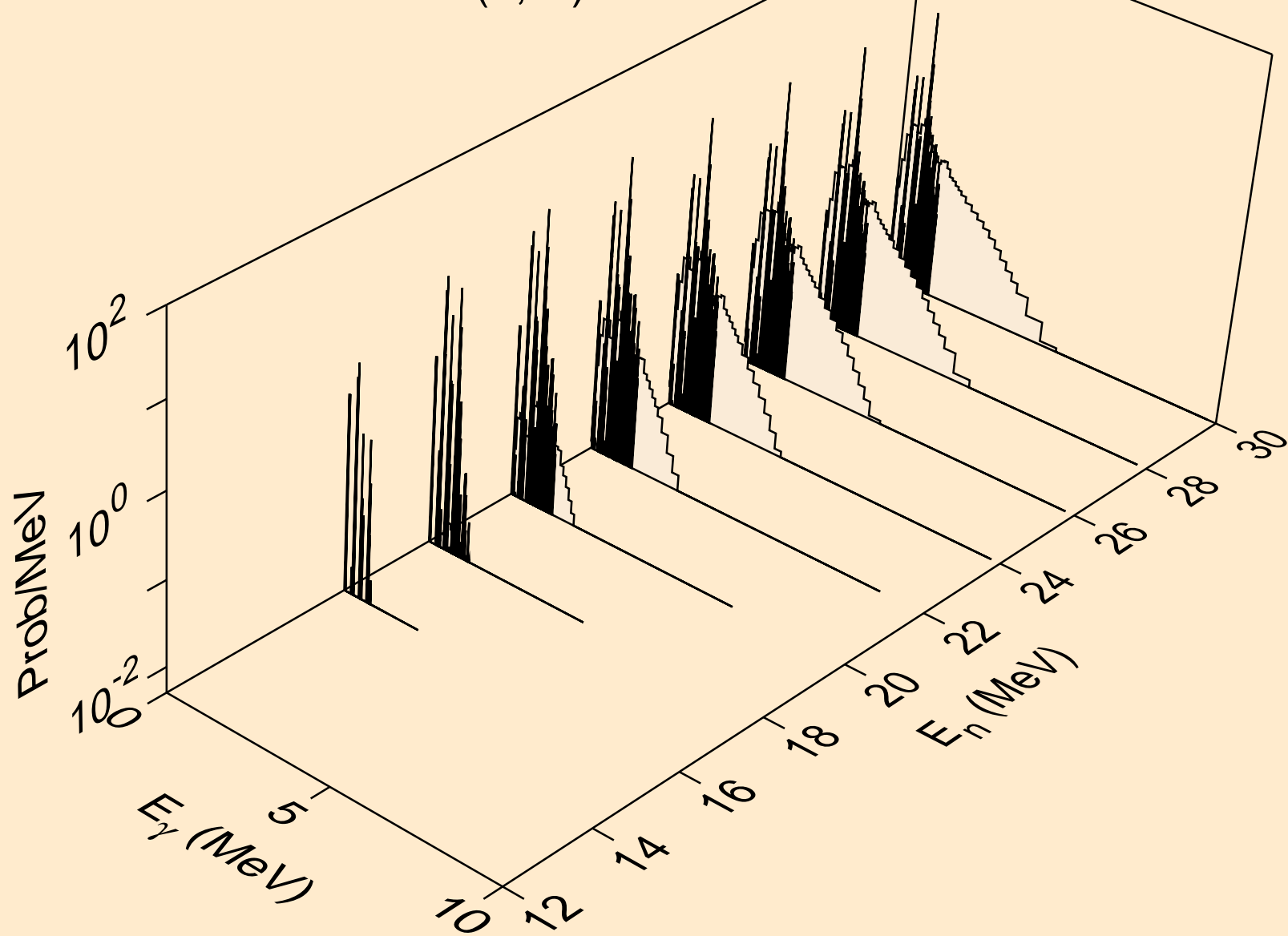
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



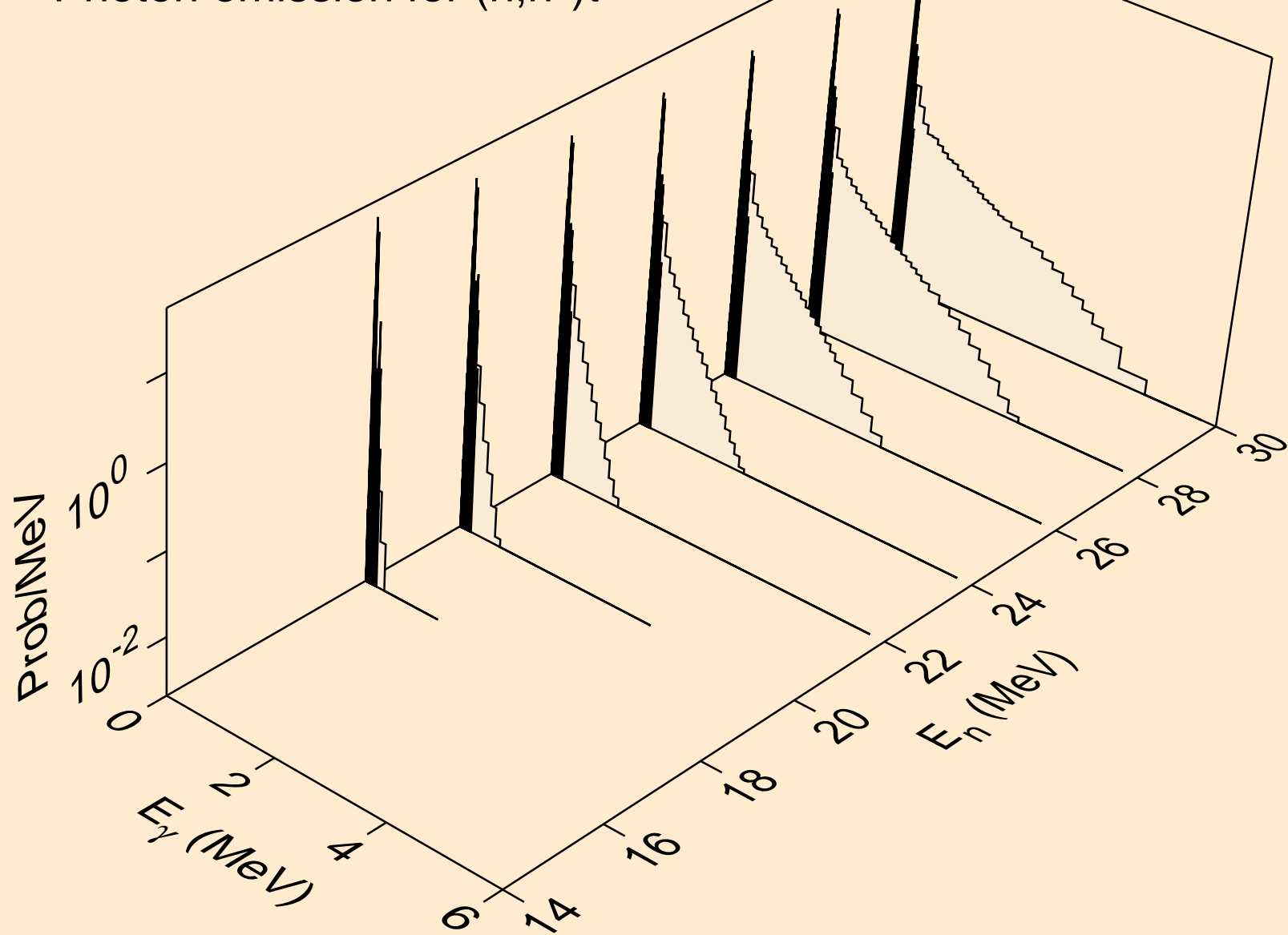
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



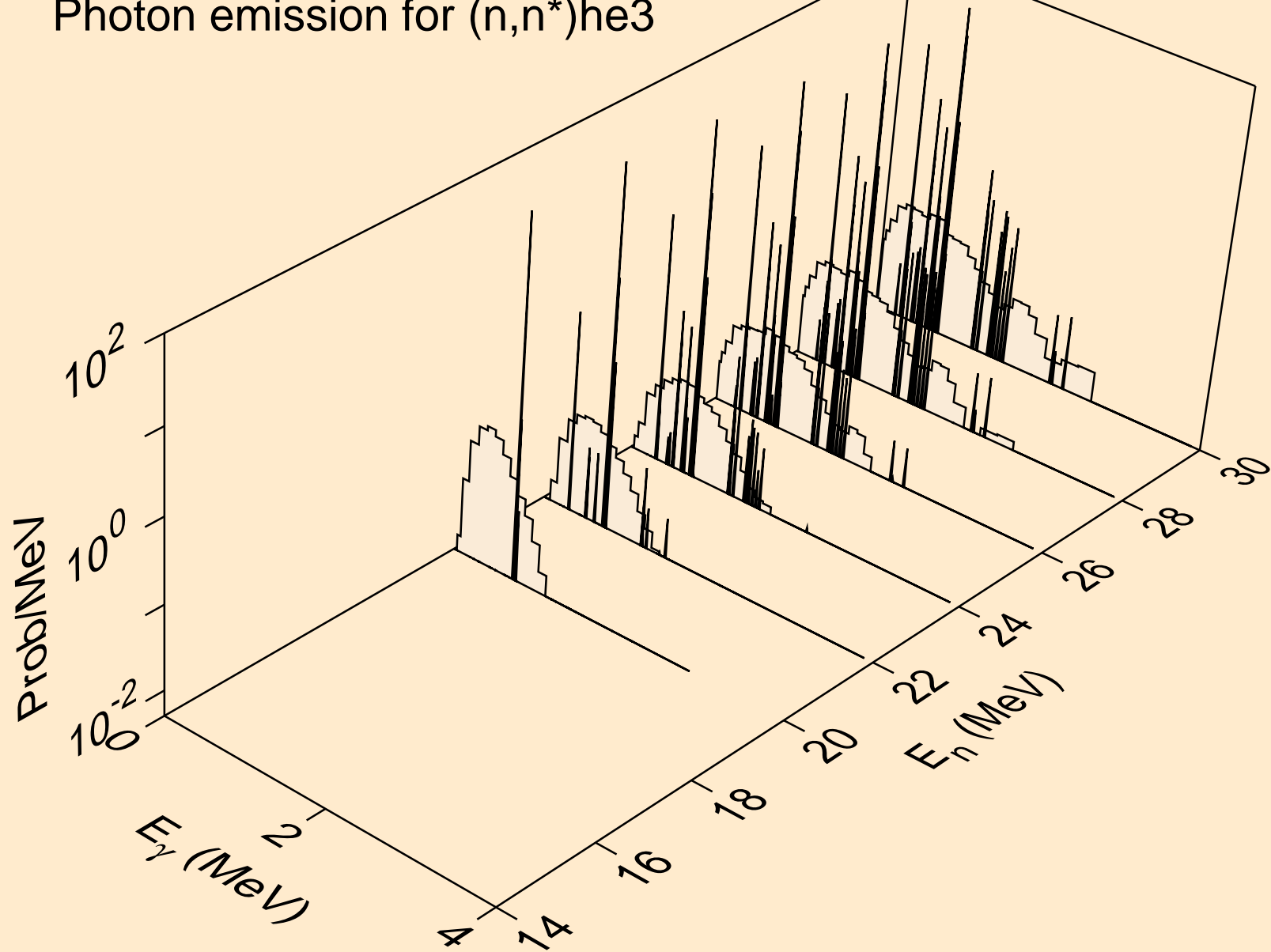
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

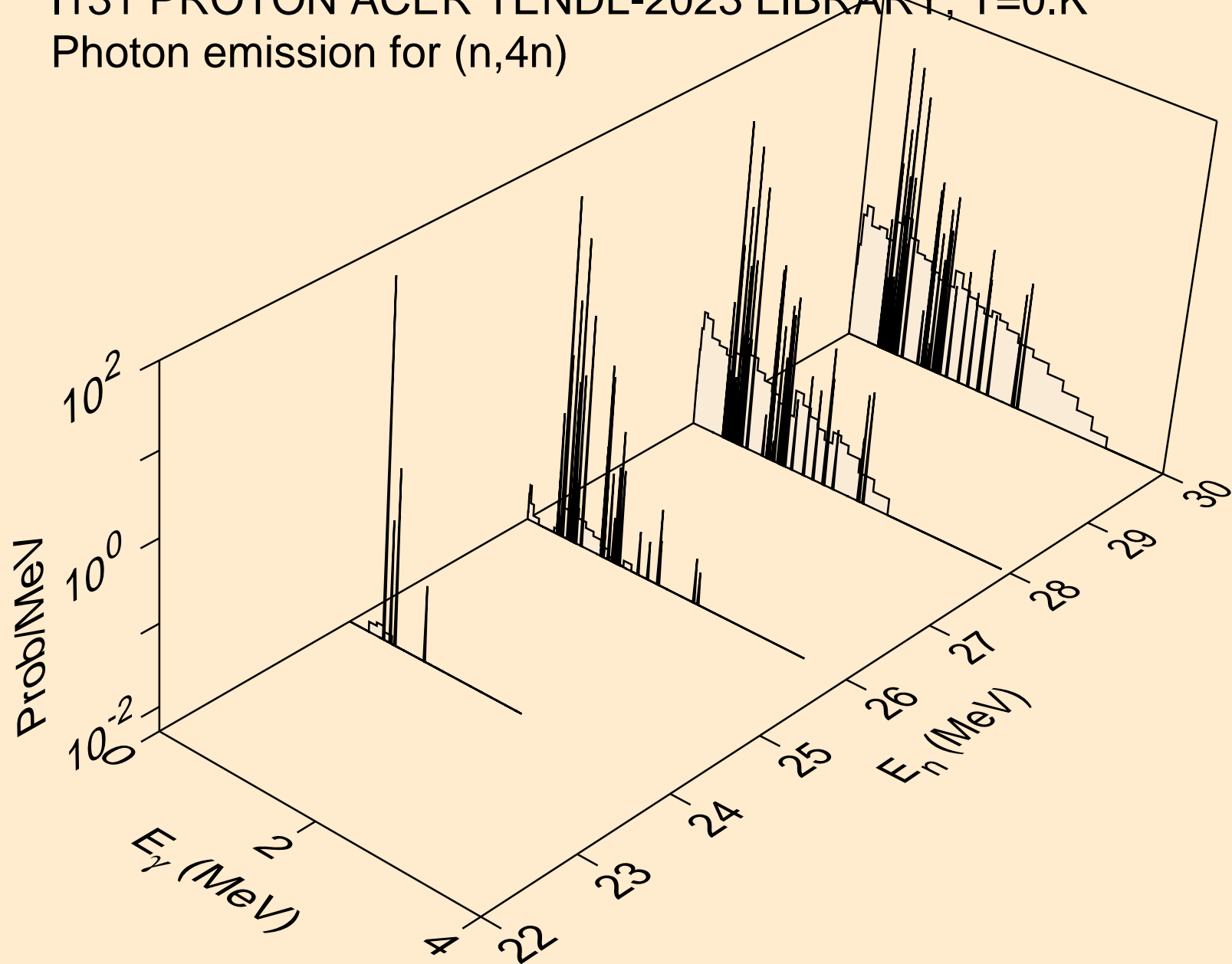


I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

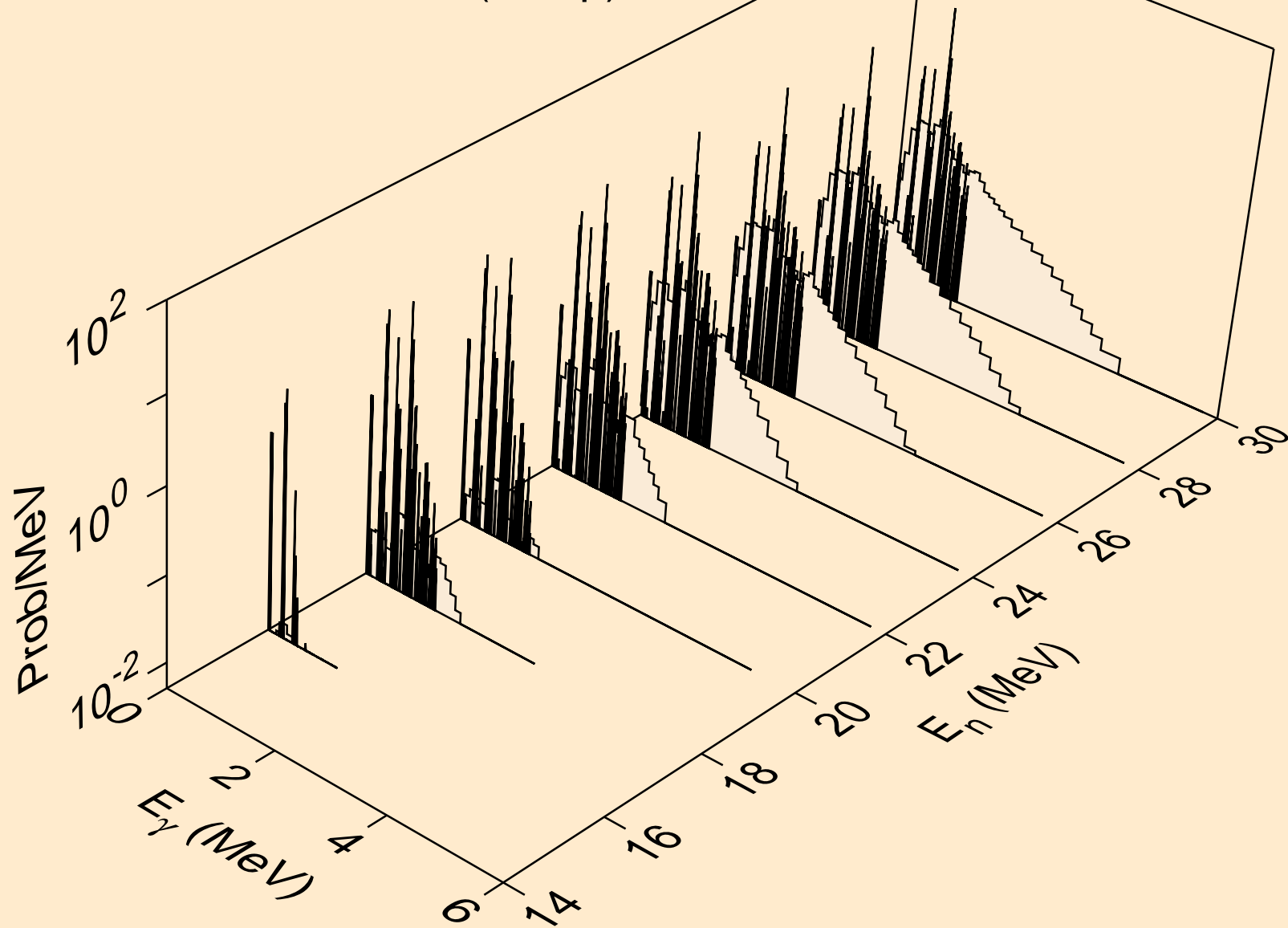




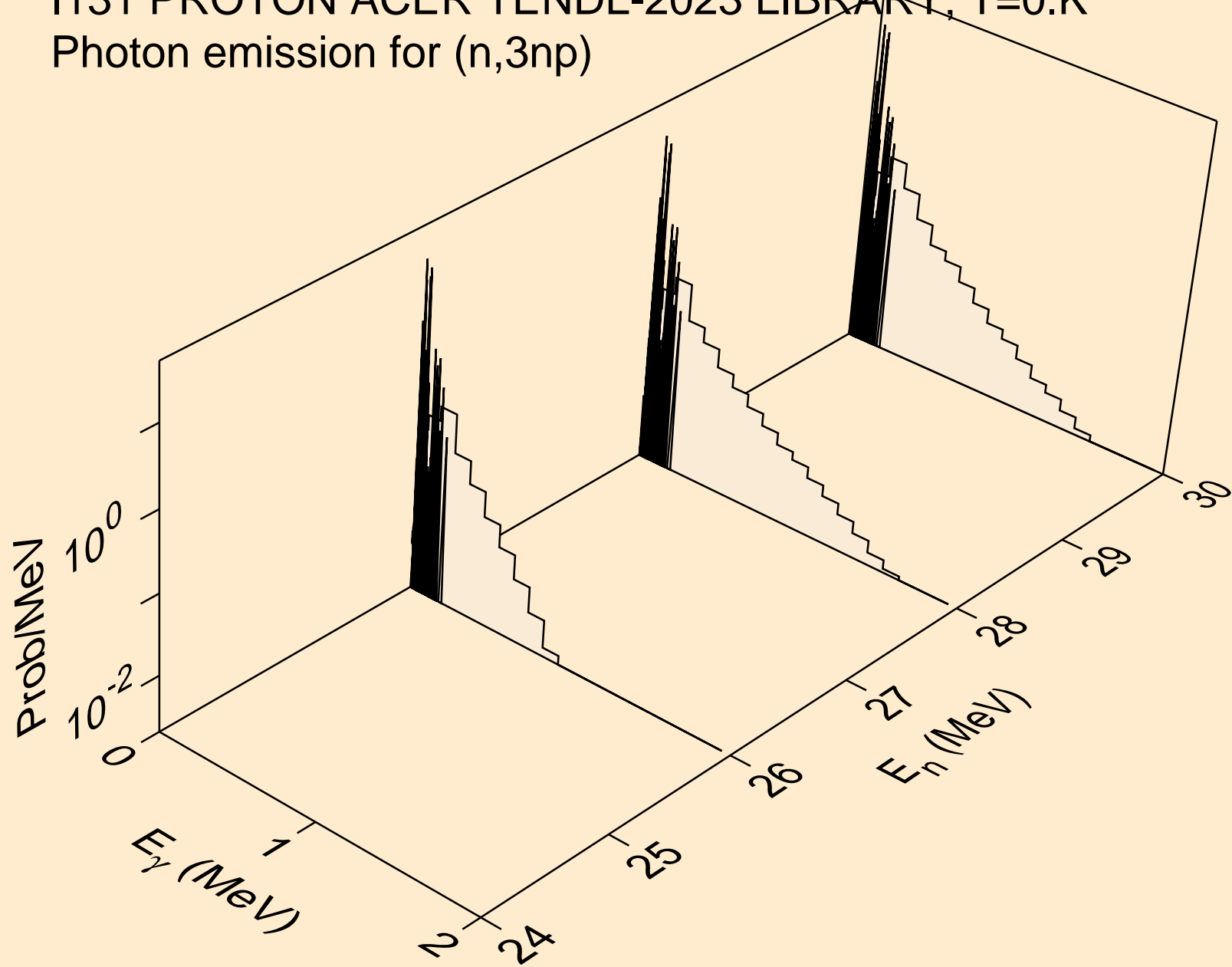
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



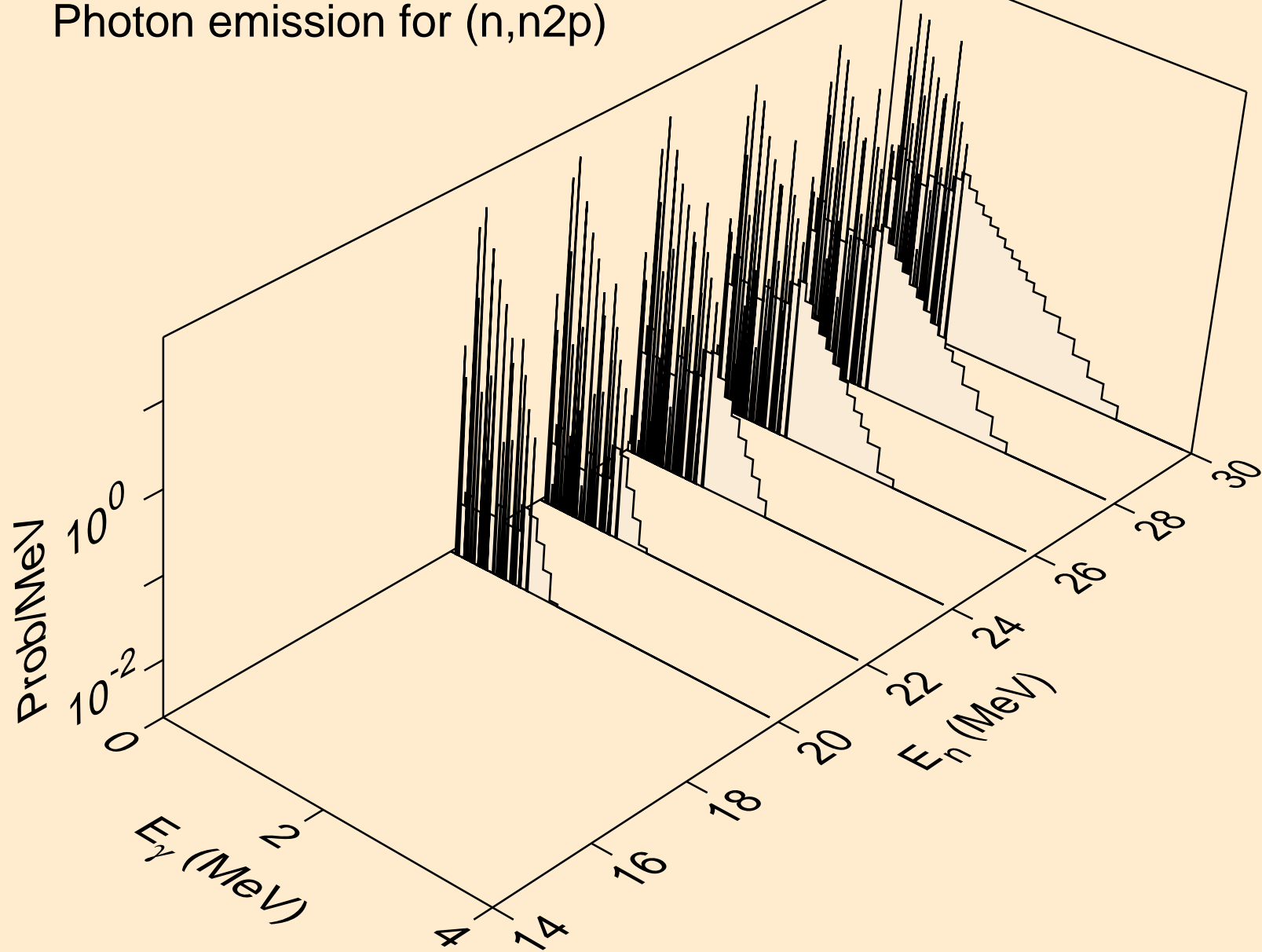
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



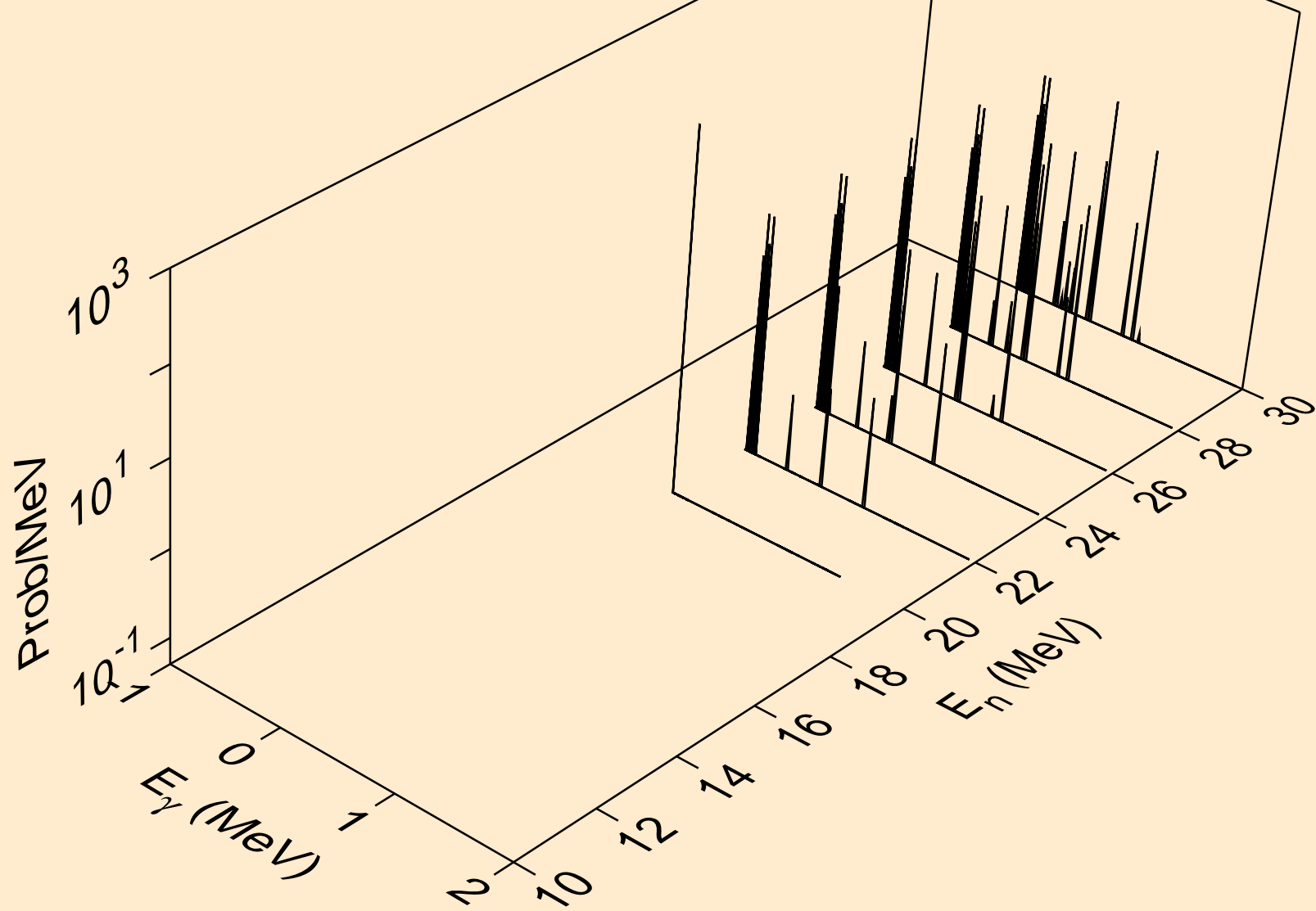
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



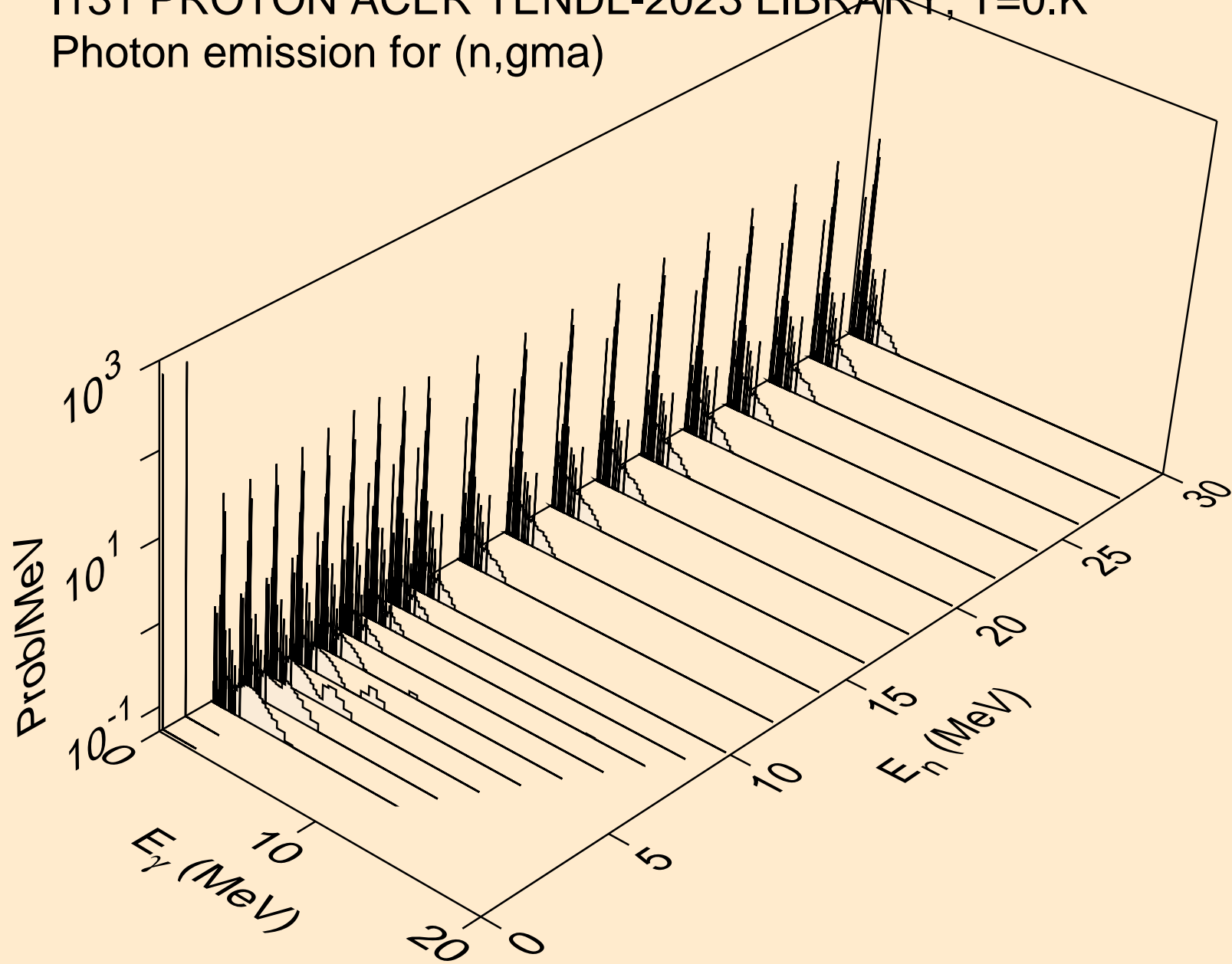
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



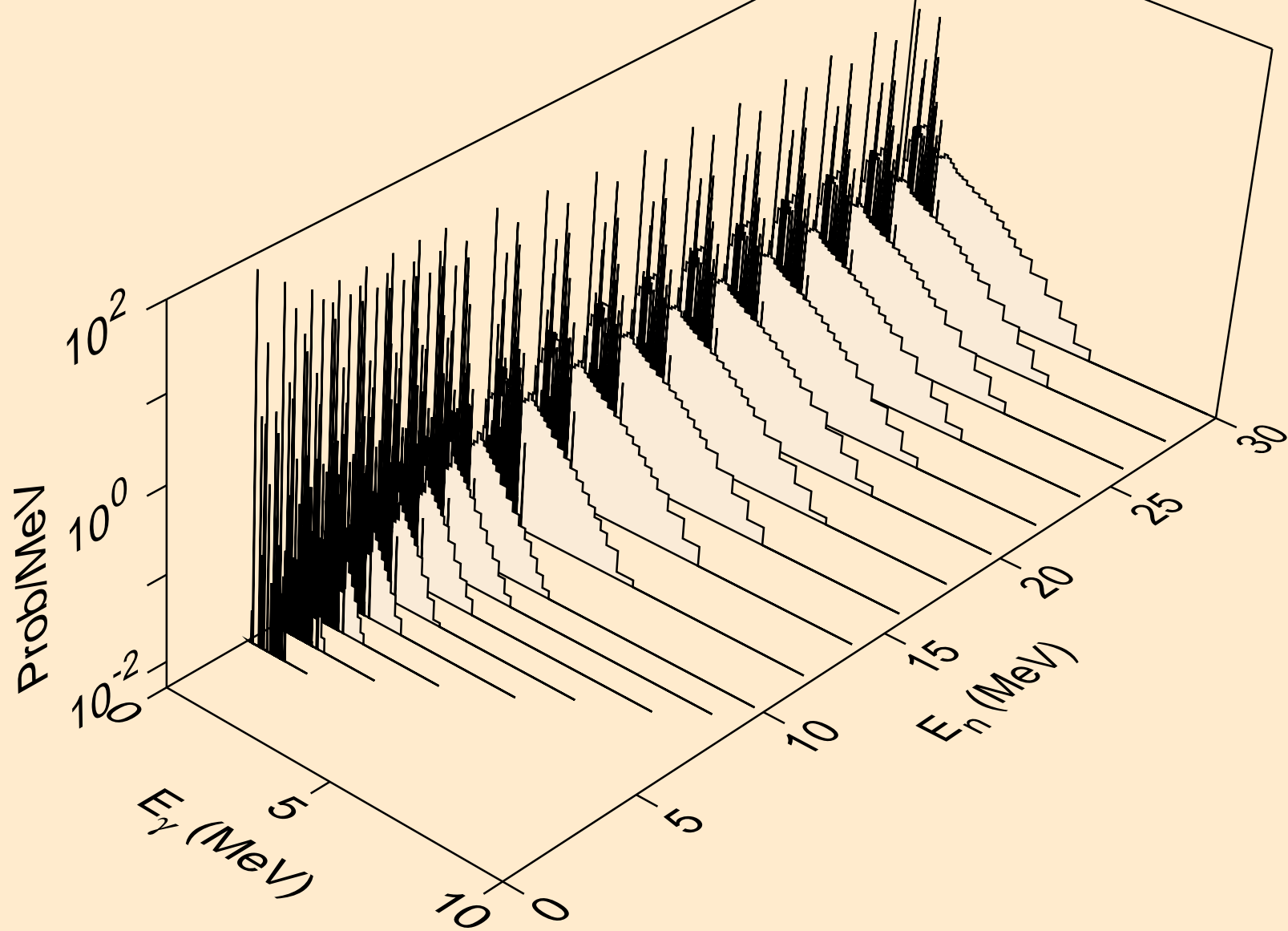
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



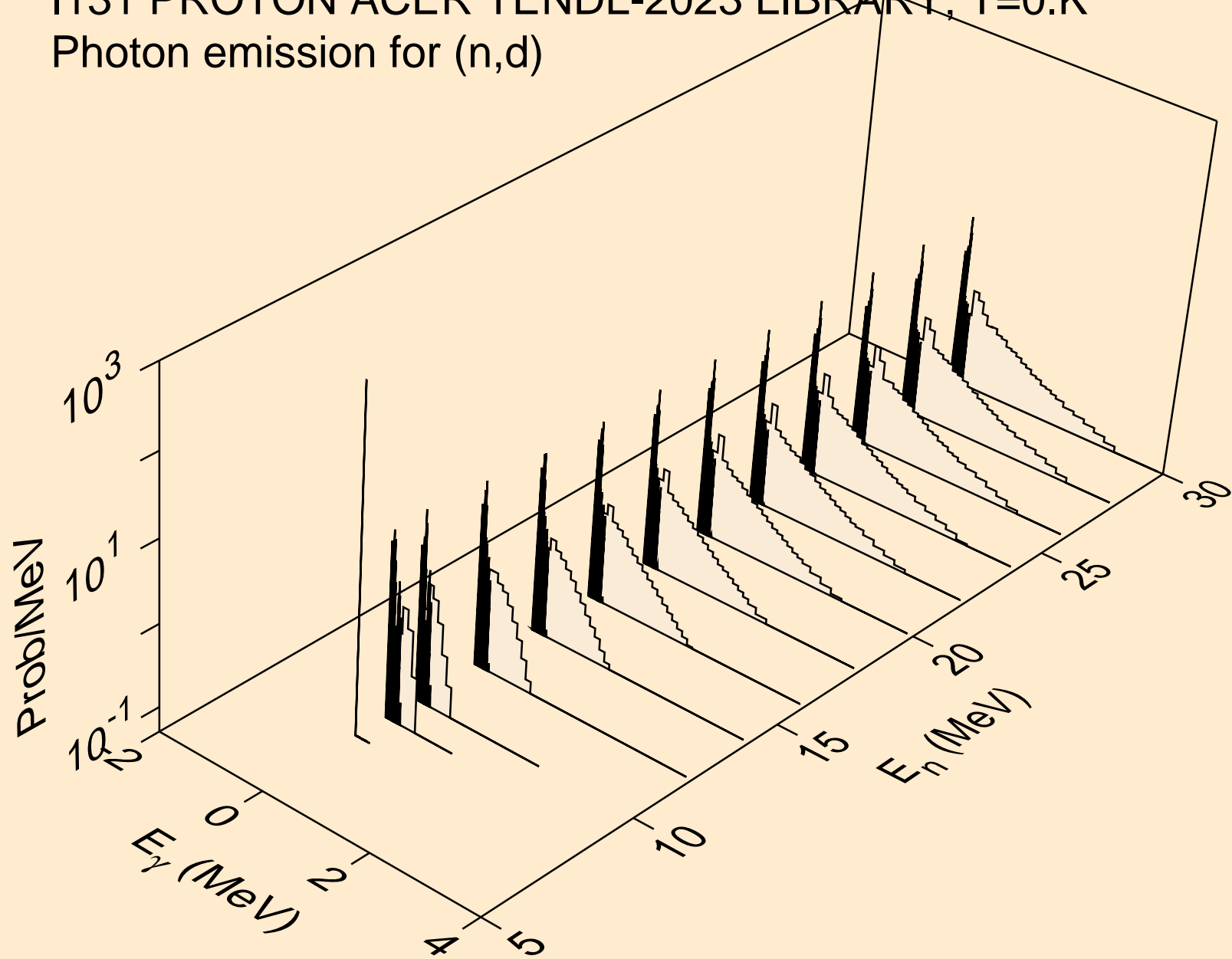
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

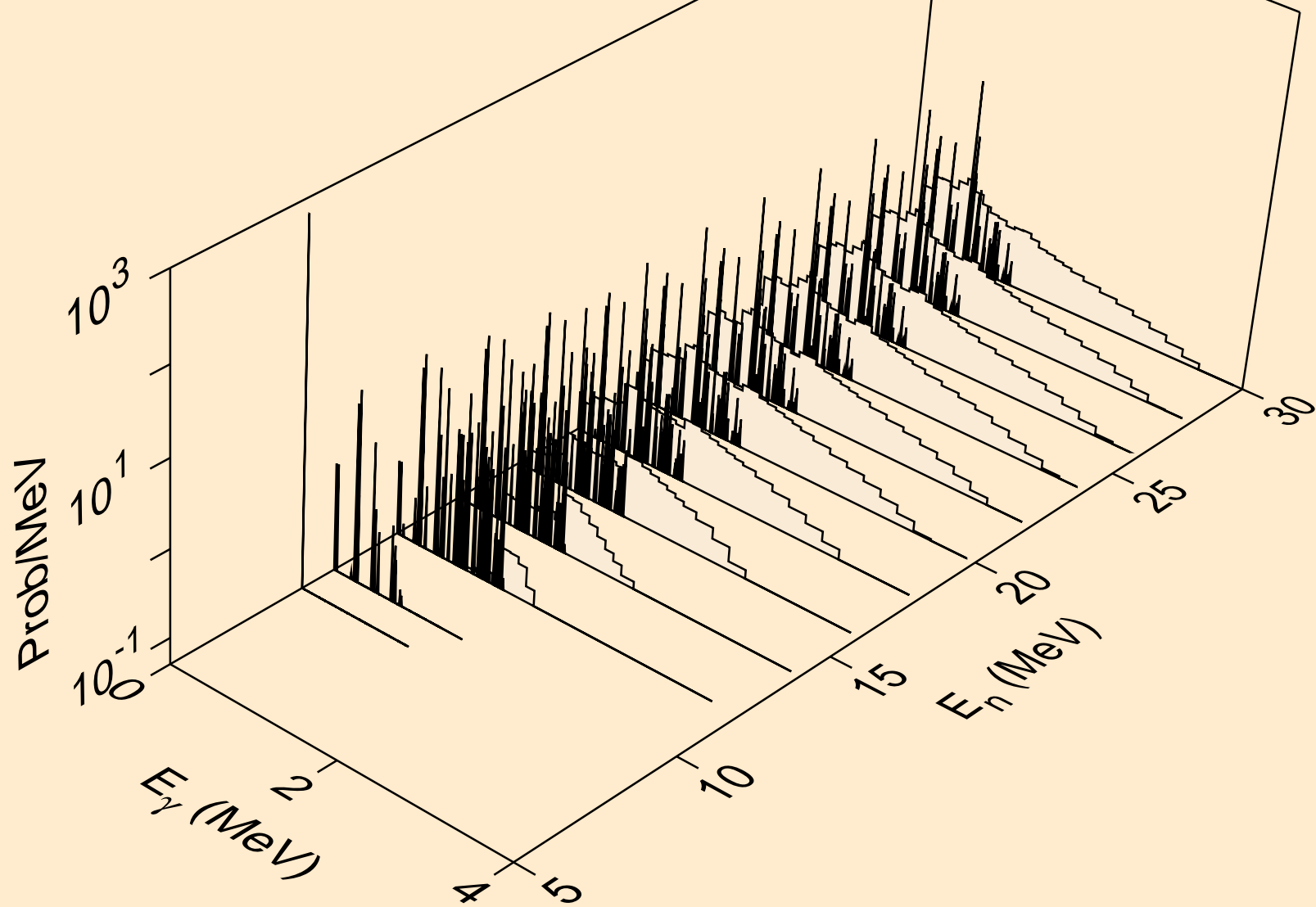


I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

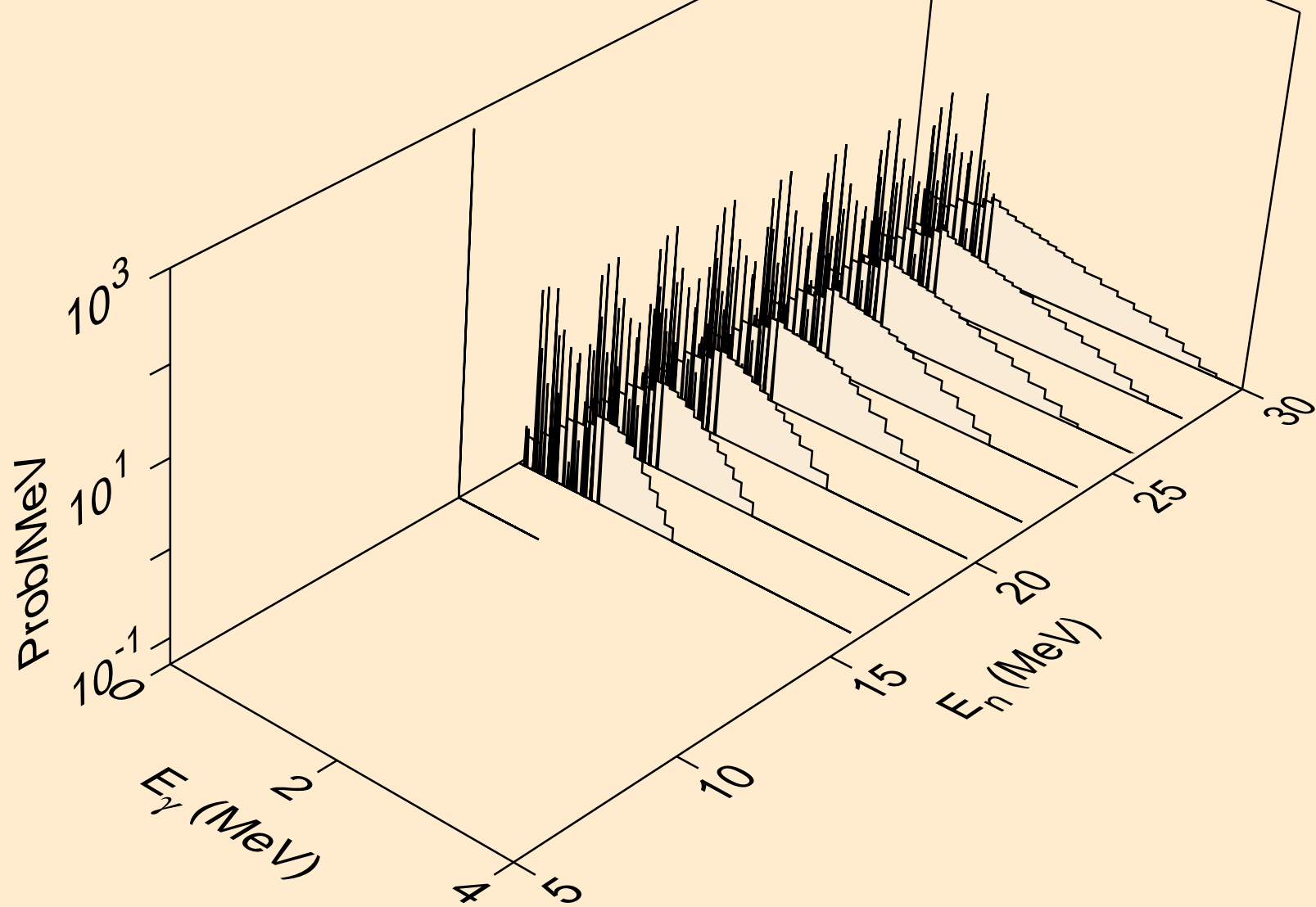




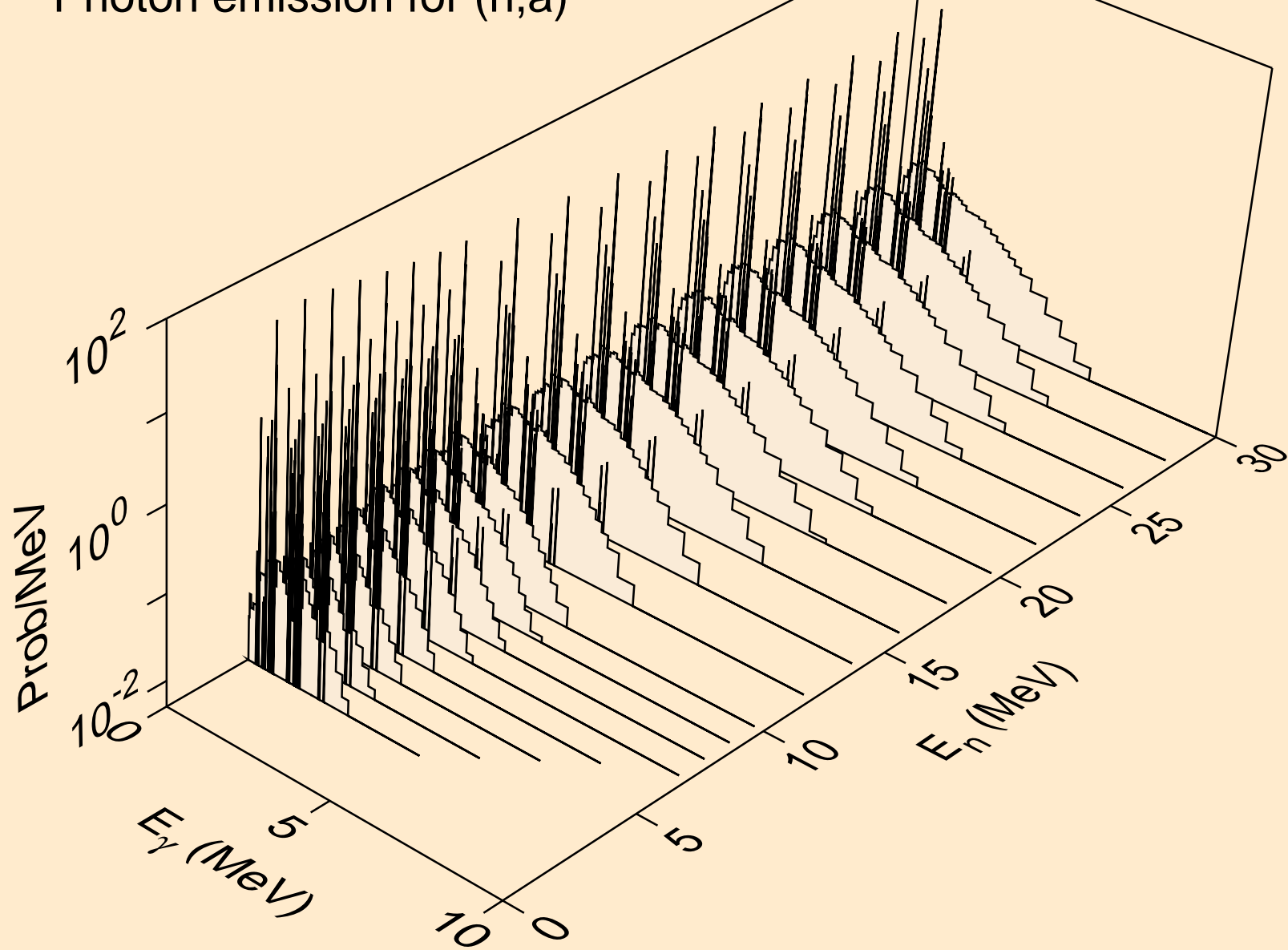
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



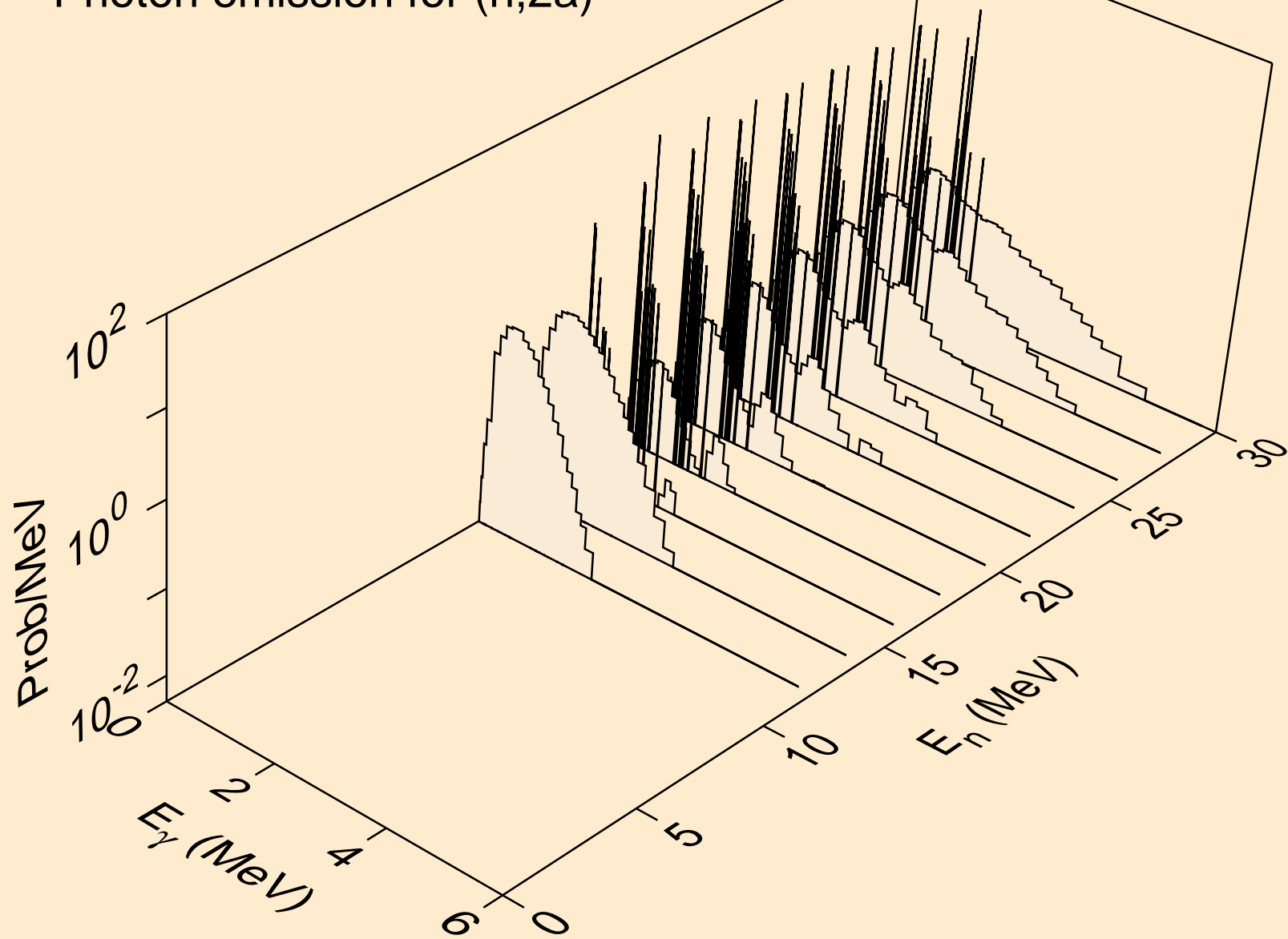
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



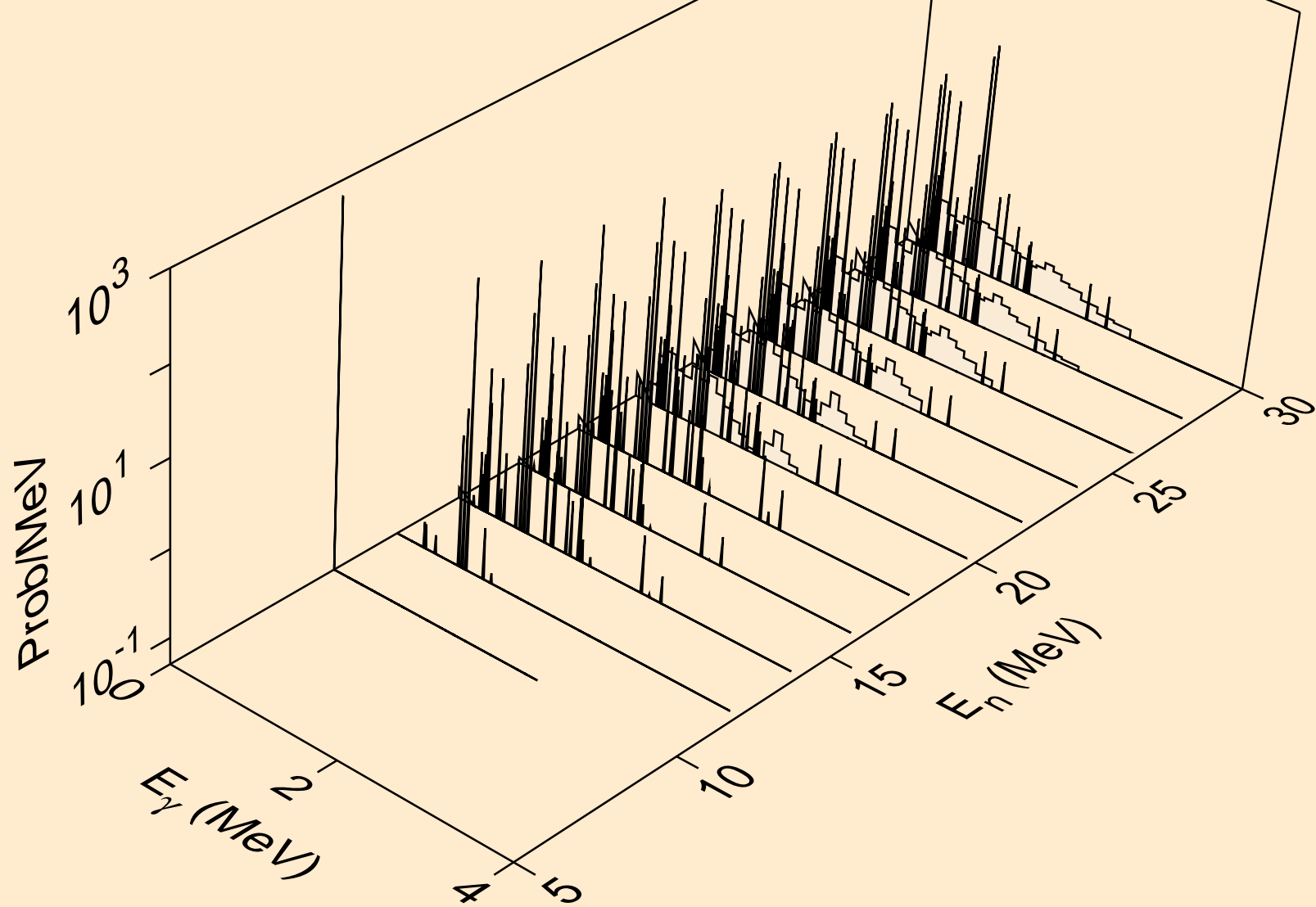
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



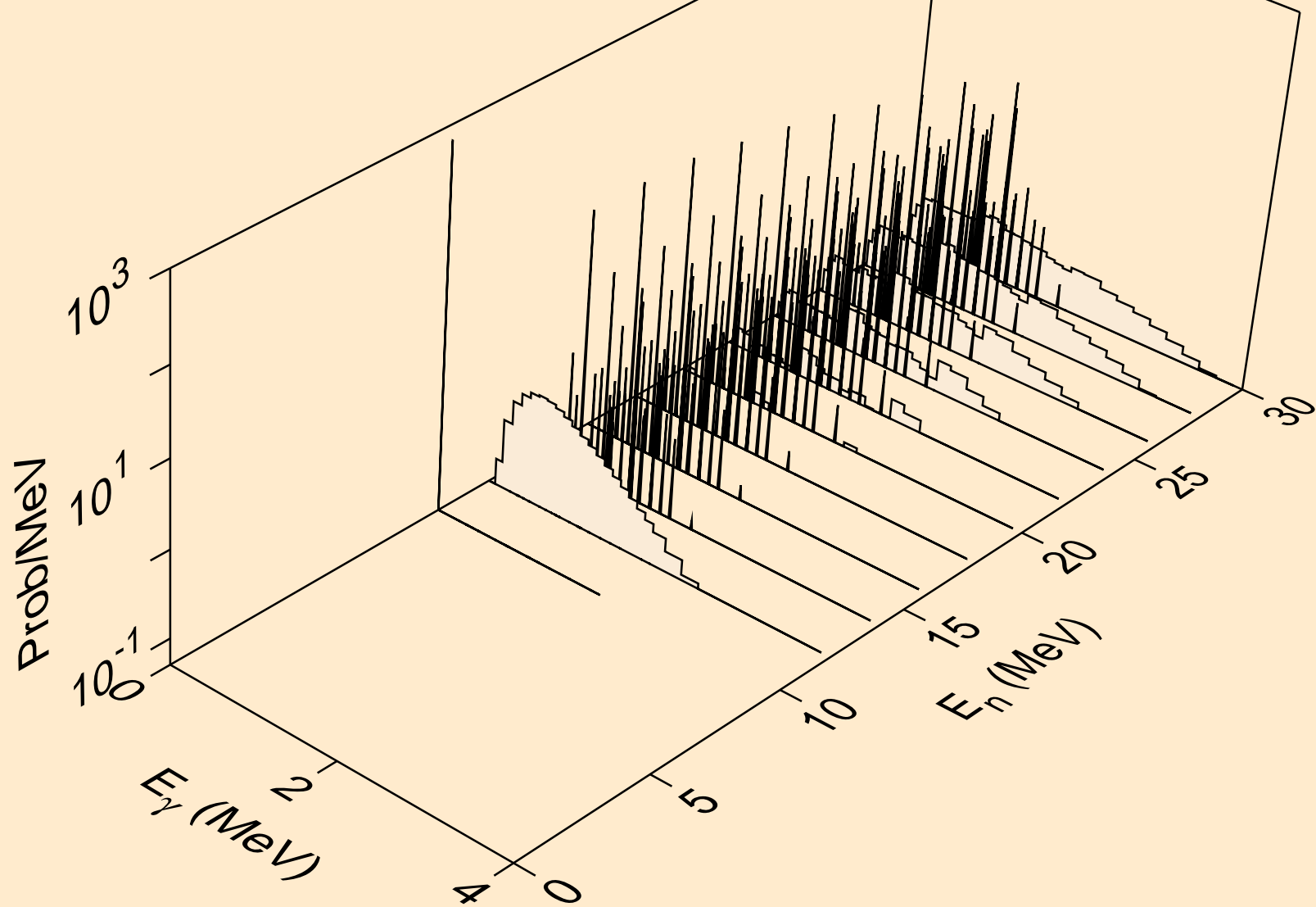
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



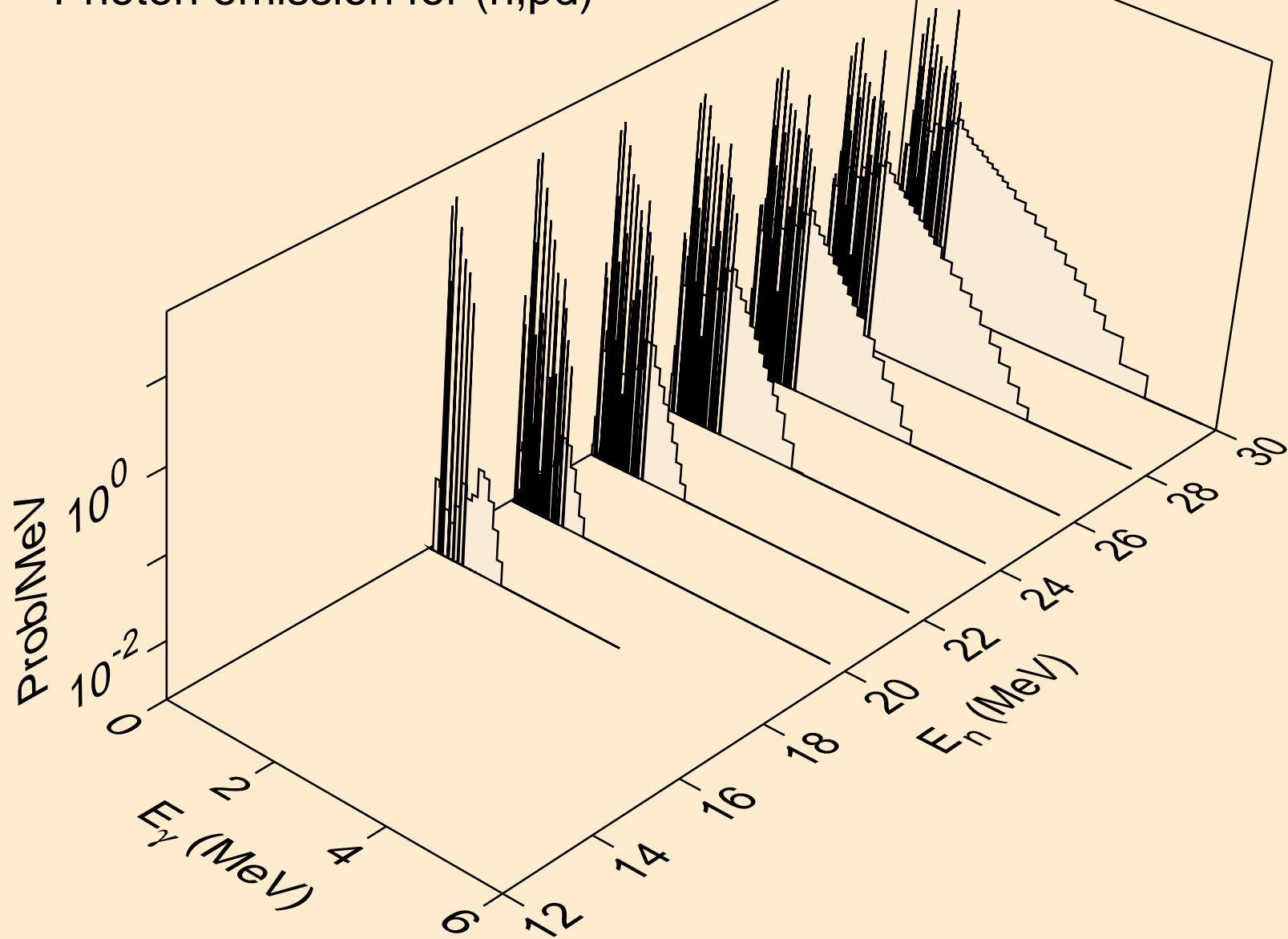
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



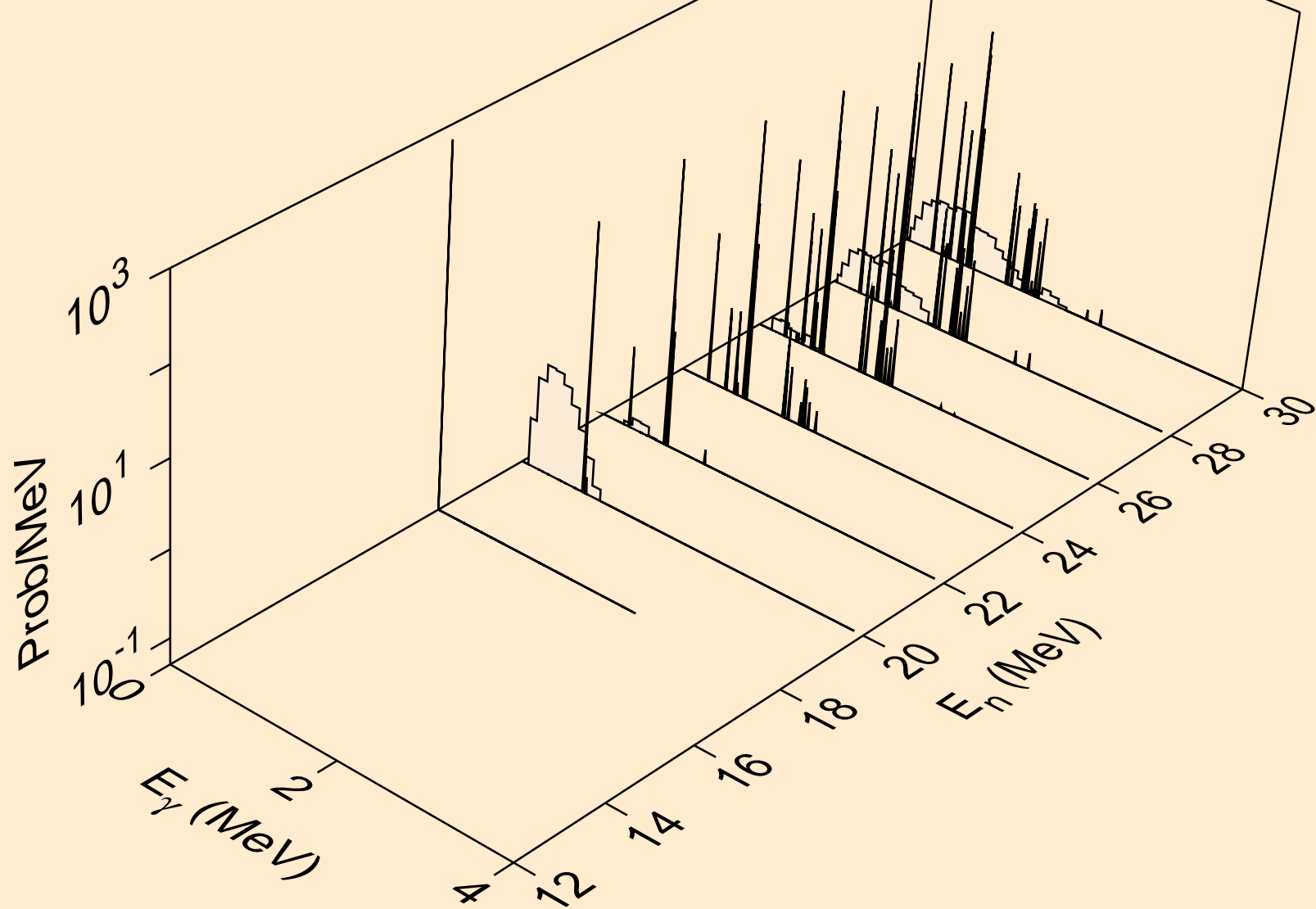
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



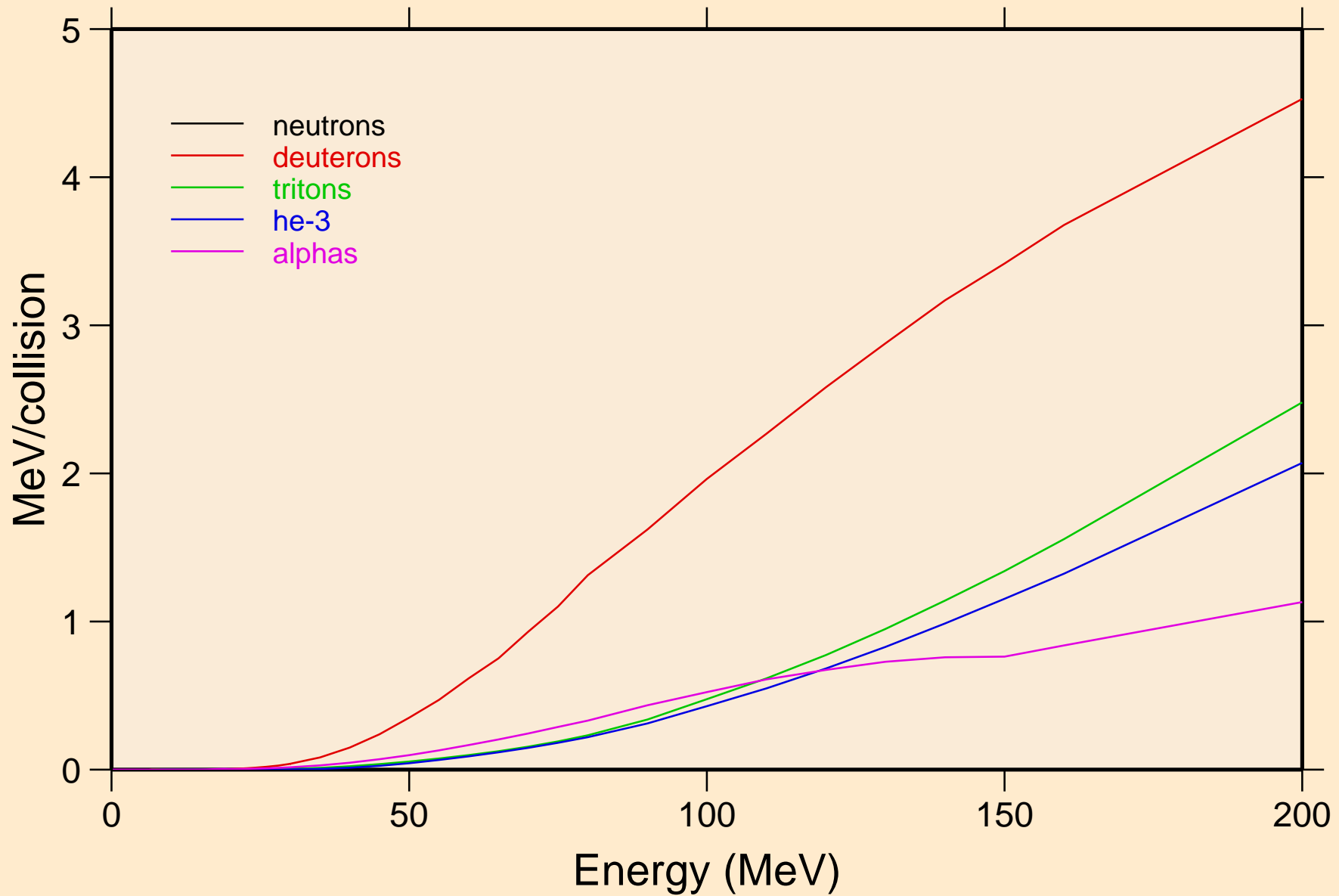
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



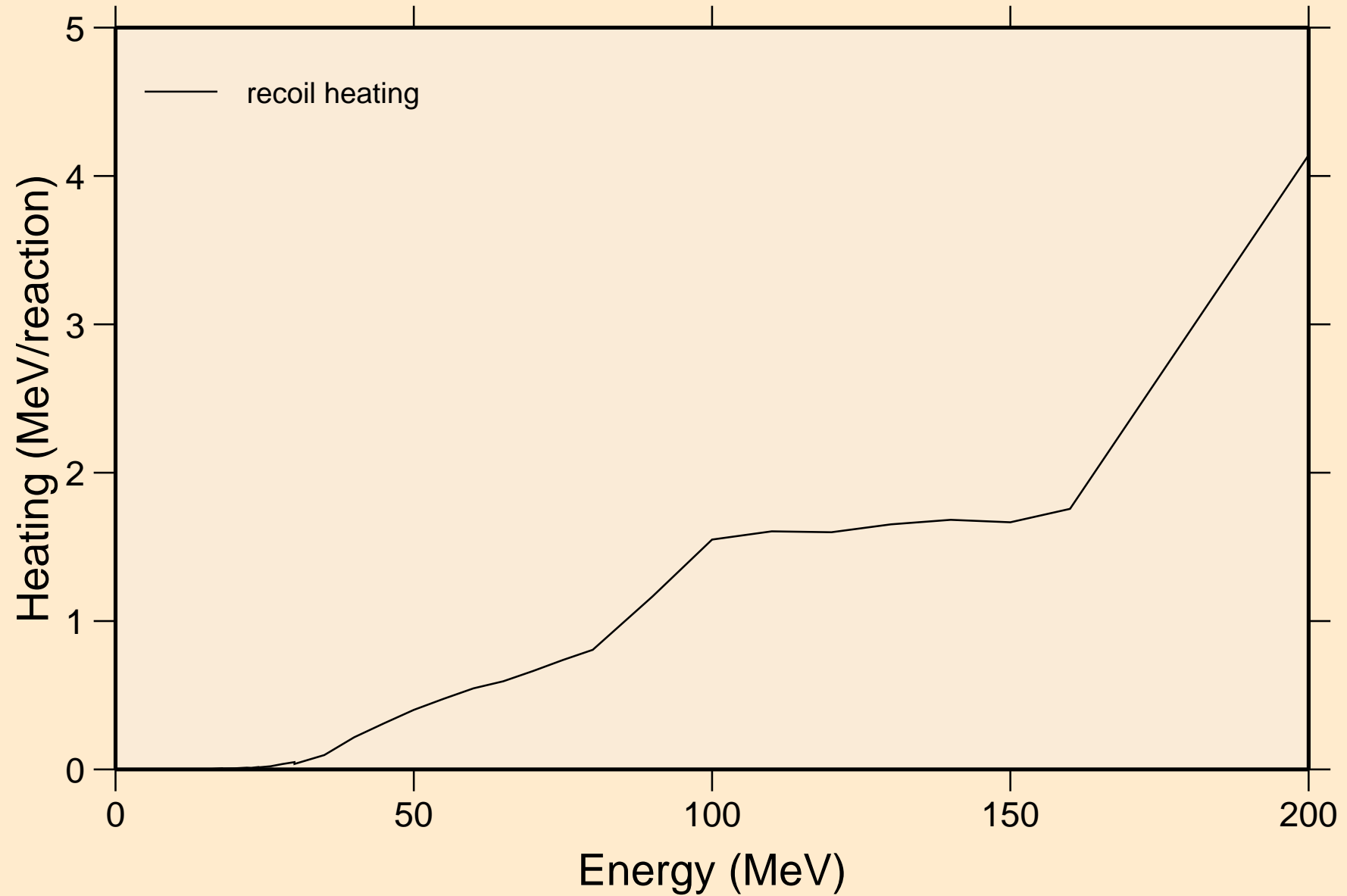


# I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K

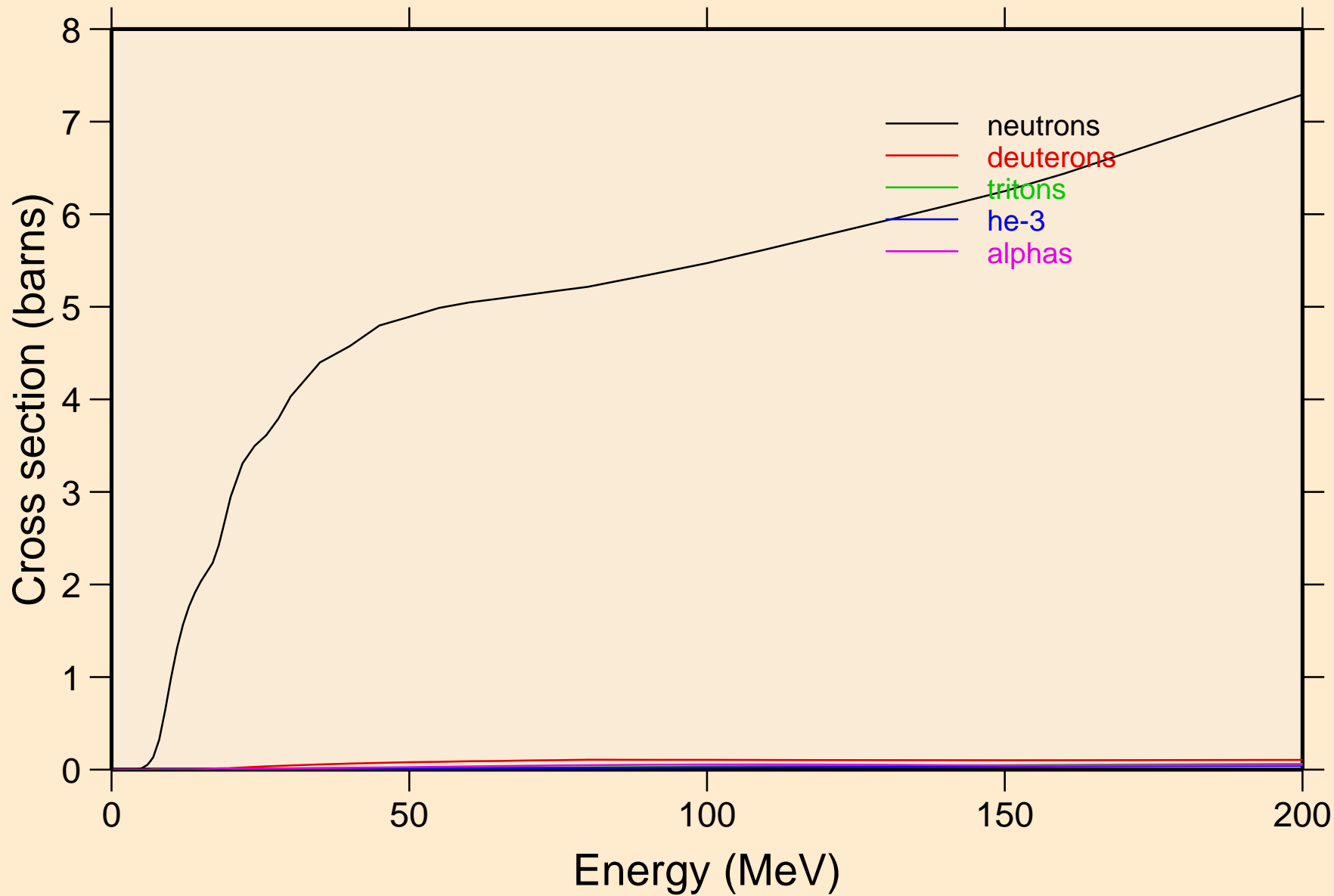
## Particle heating contributions



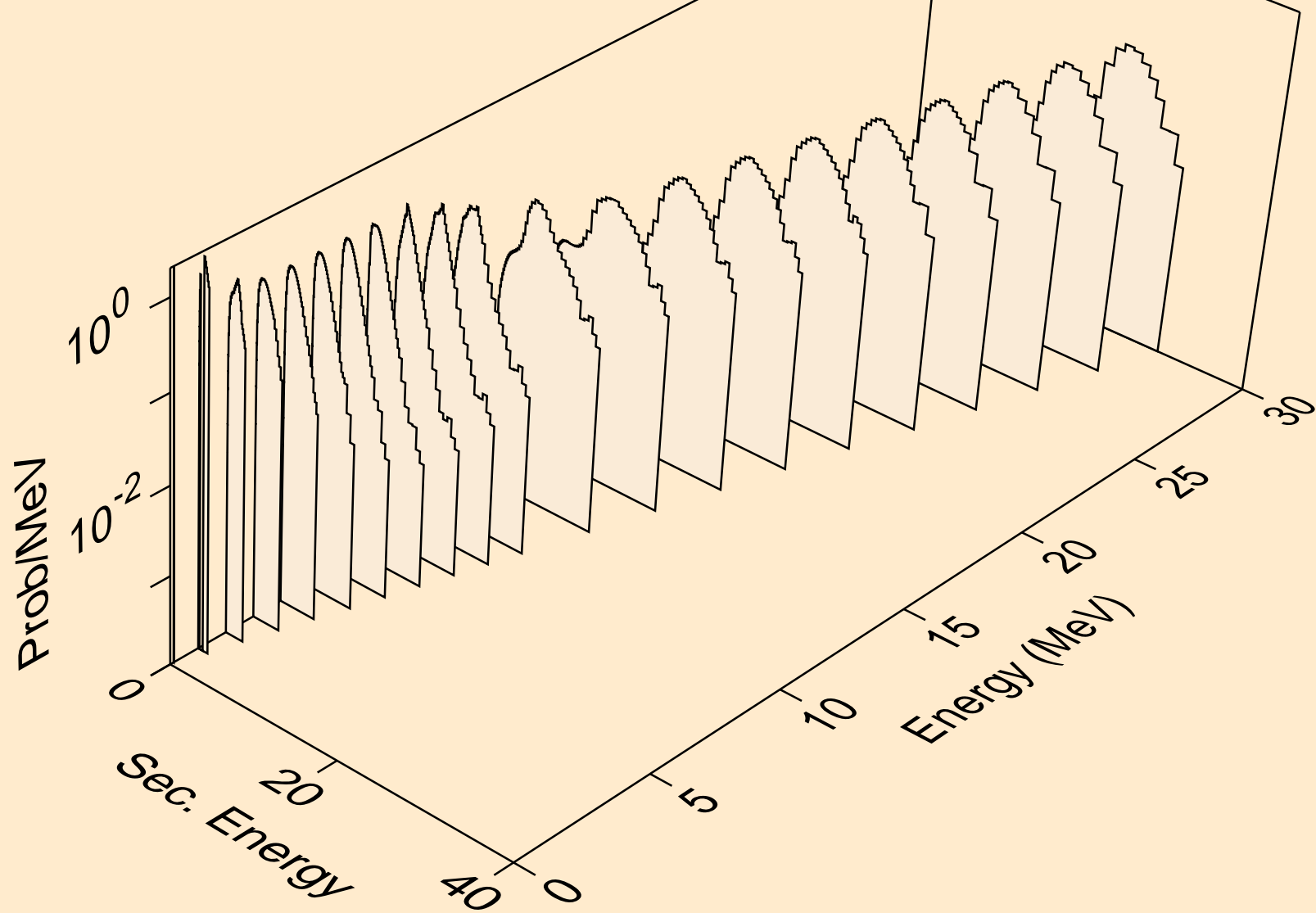
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



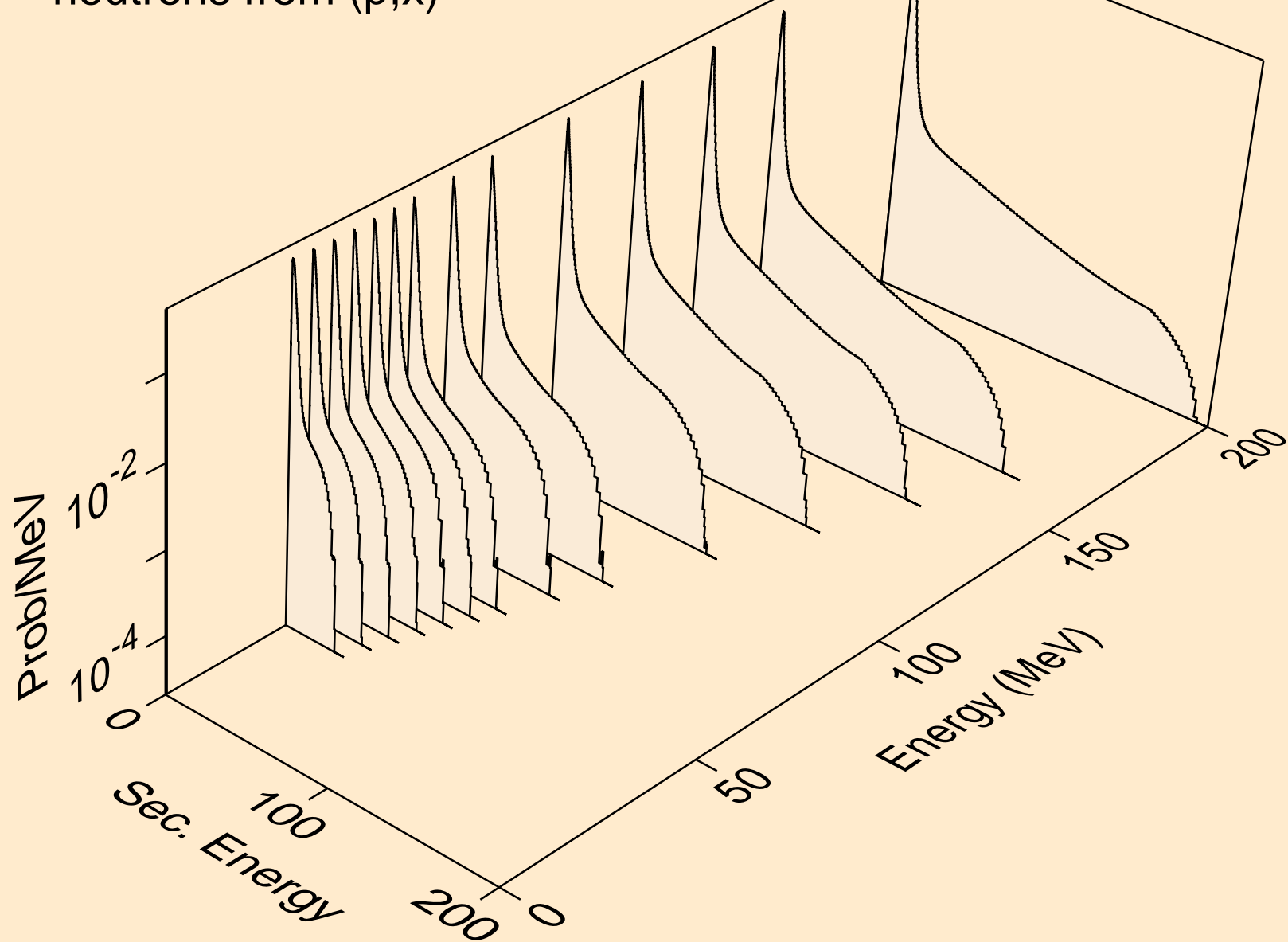
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



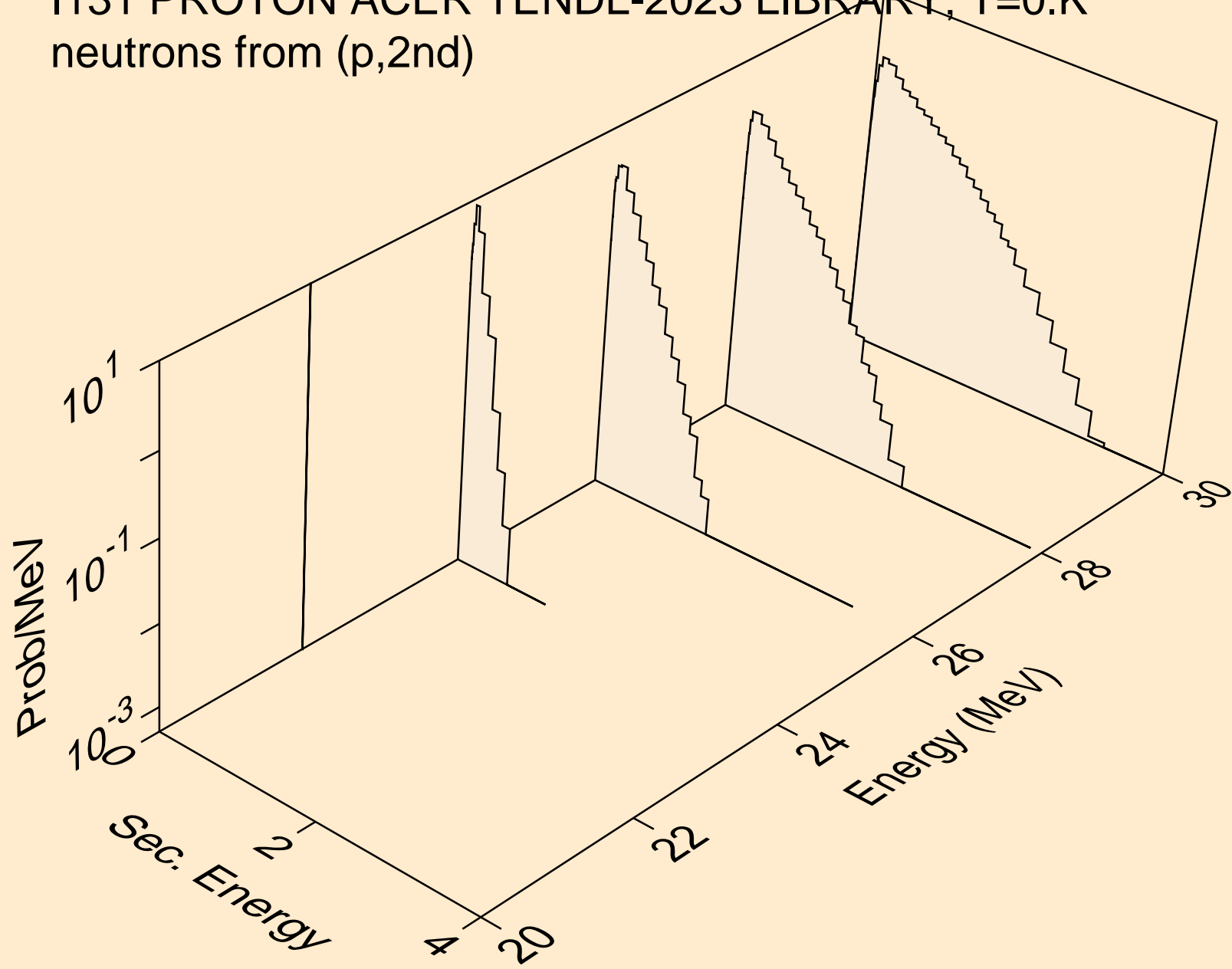
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



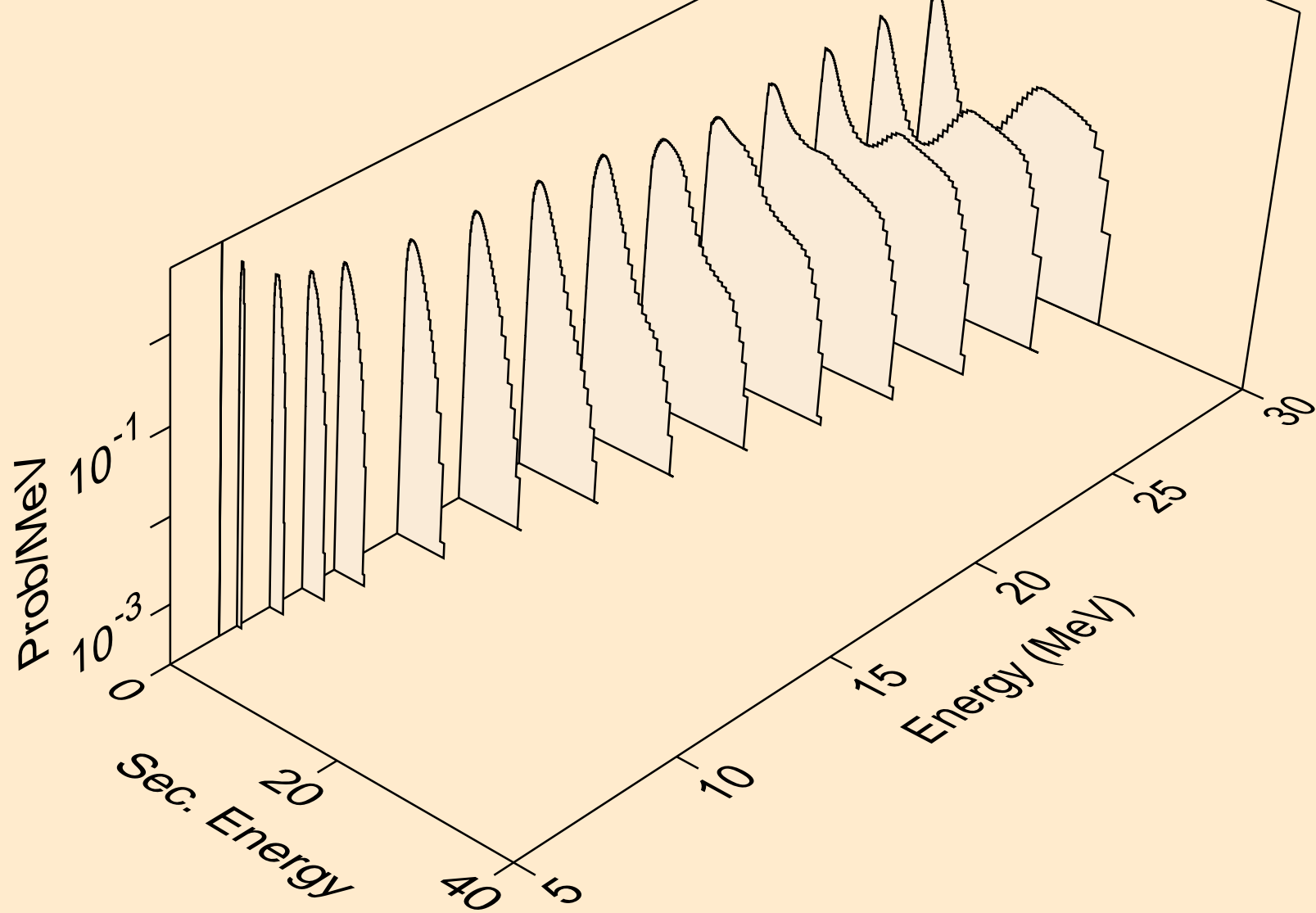
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



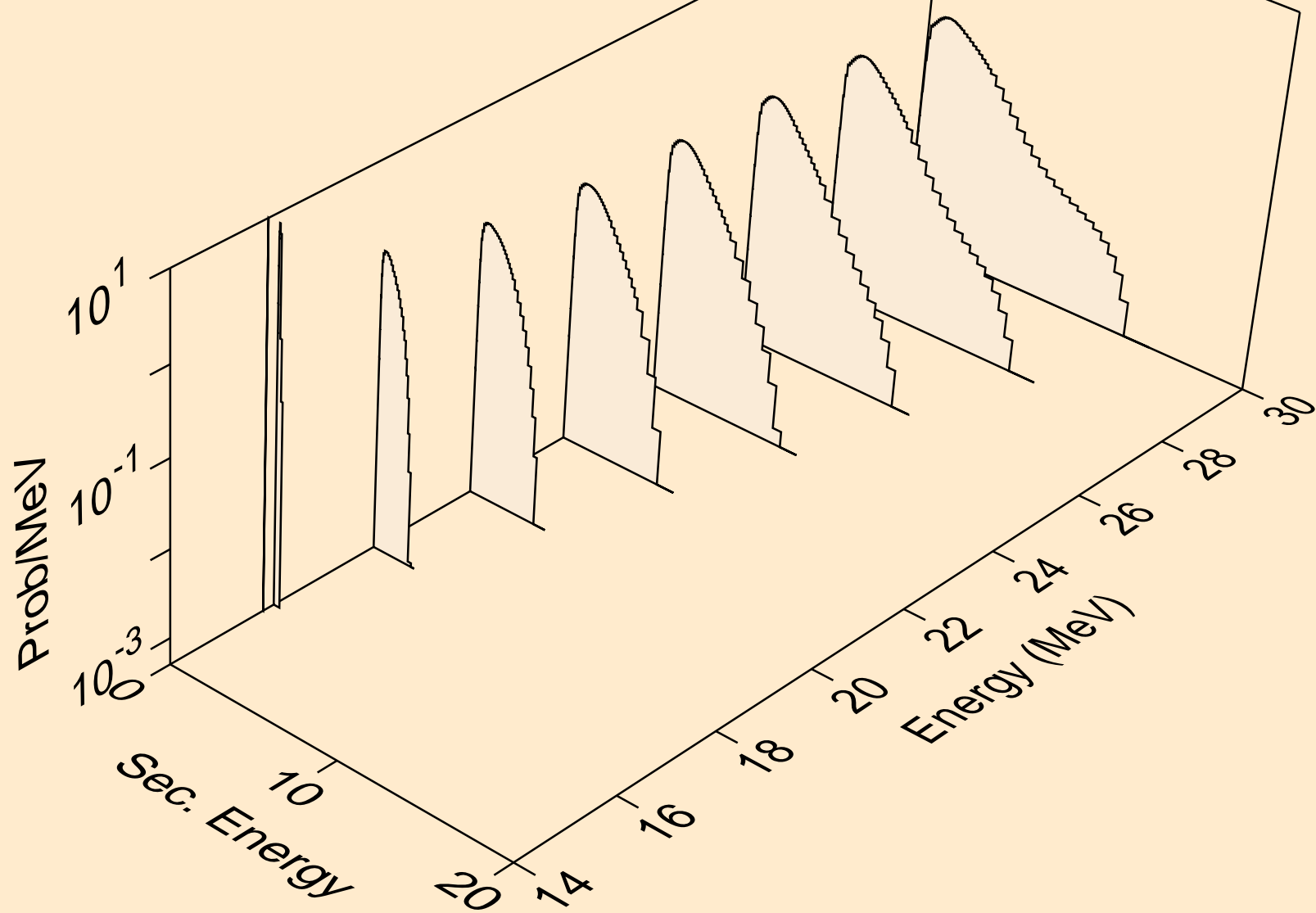
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

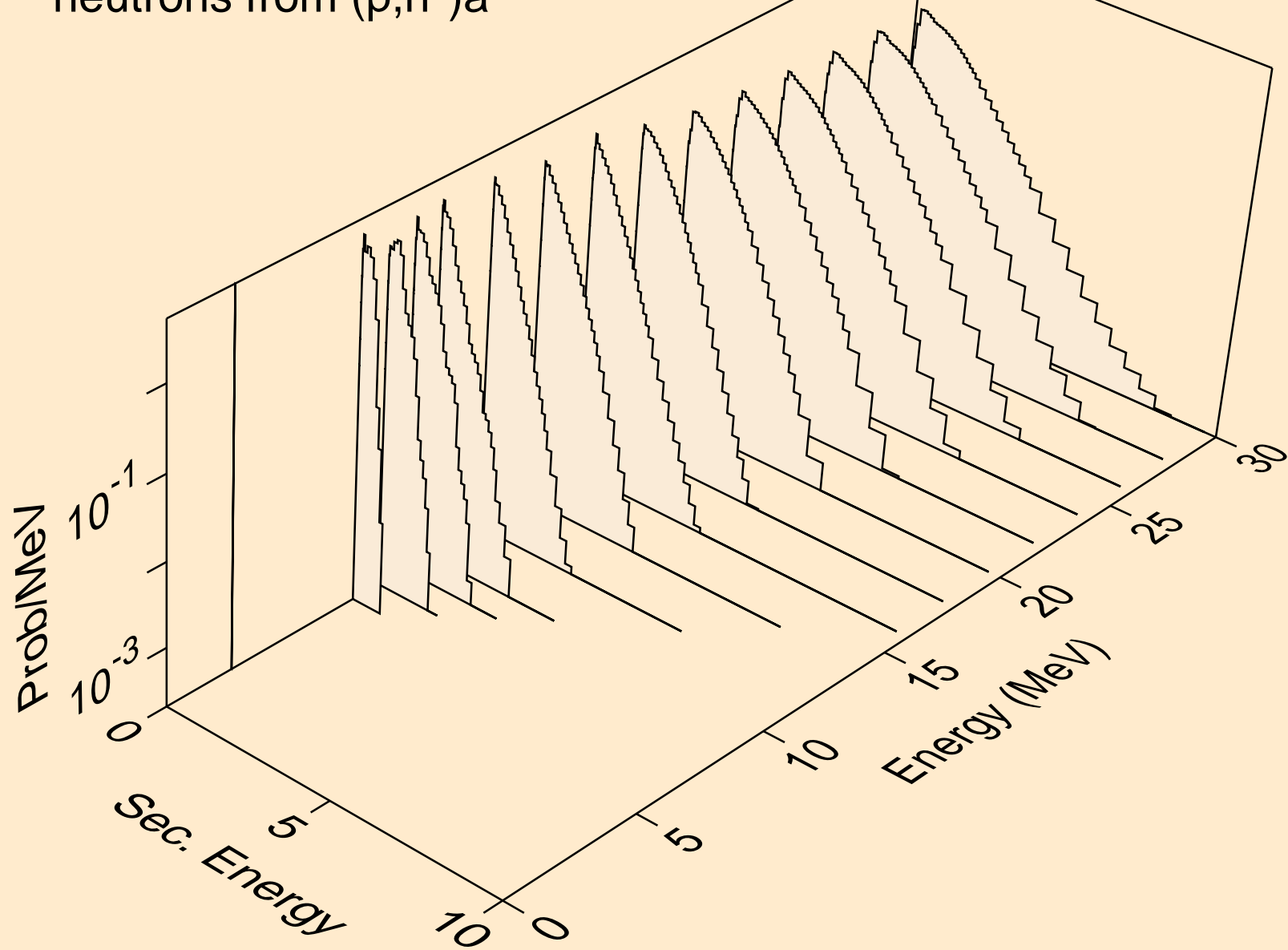


I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)

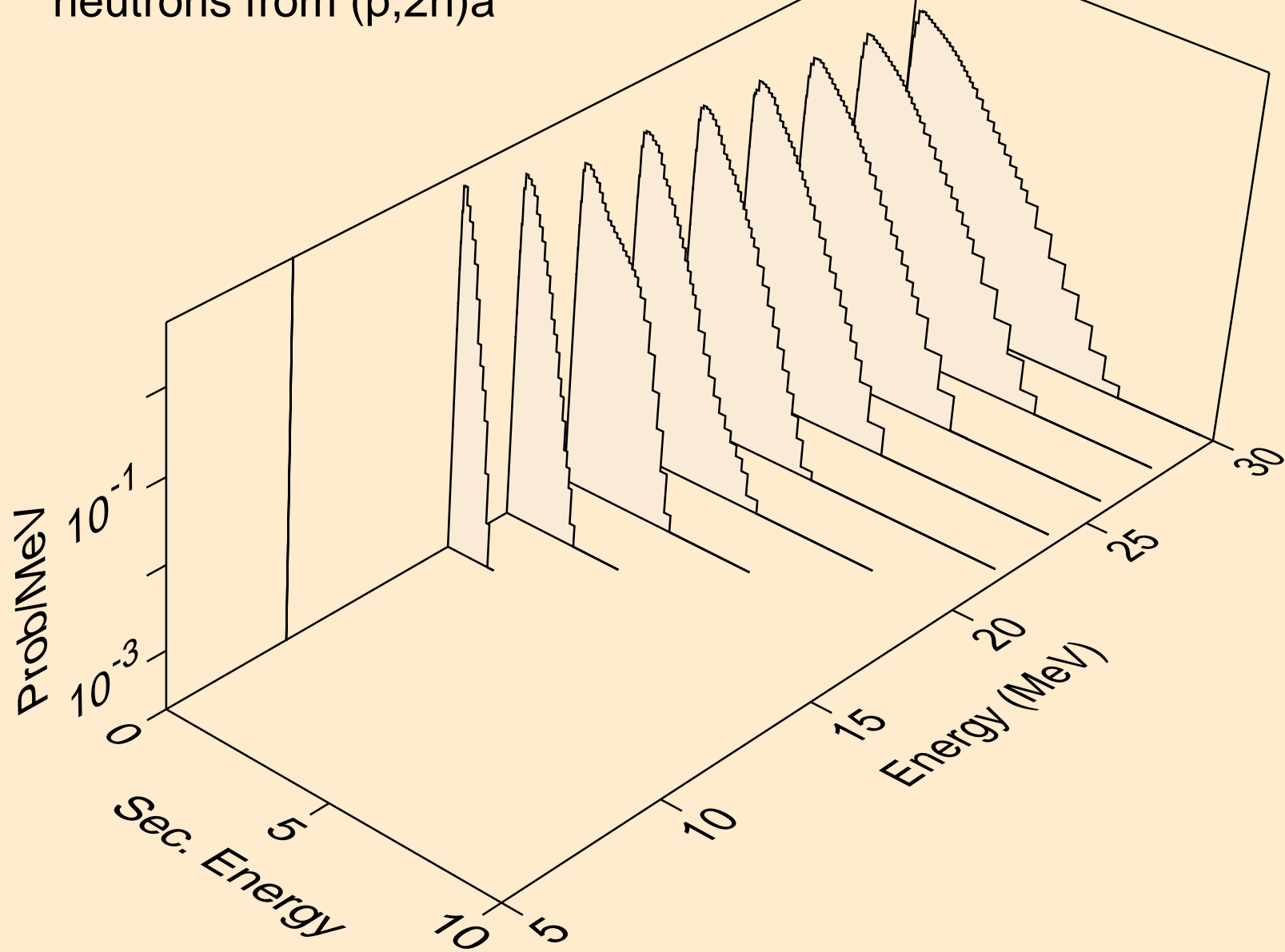




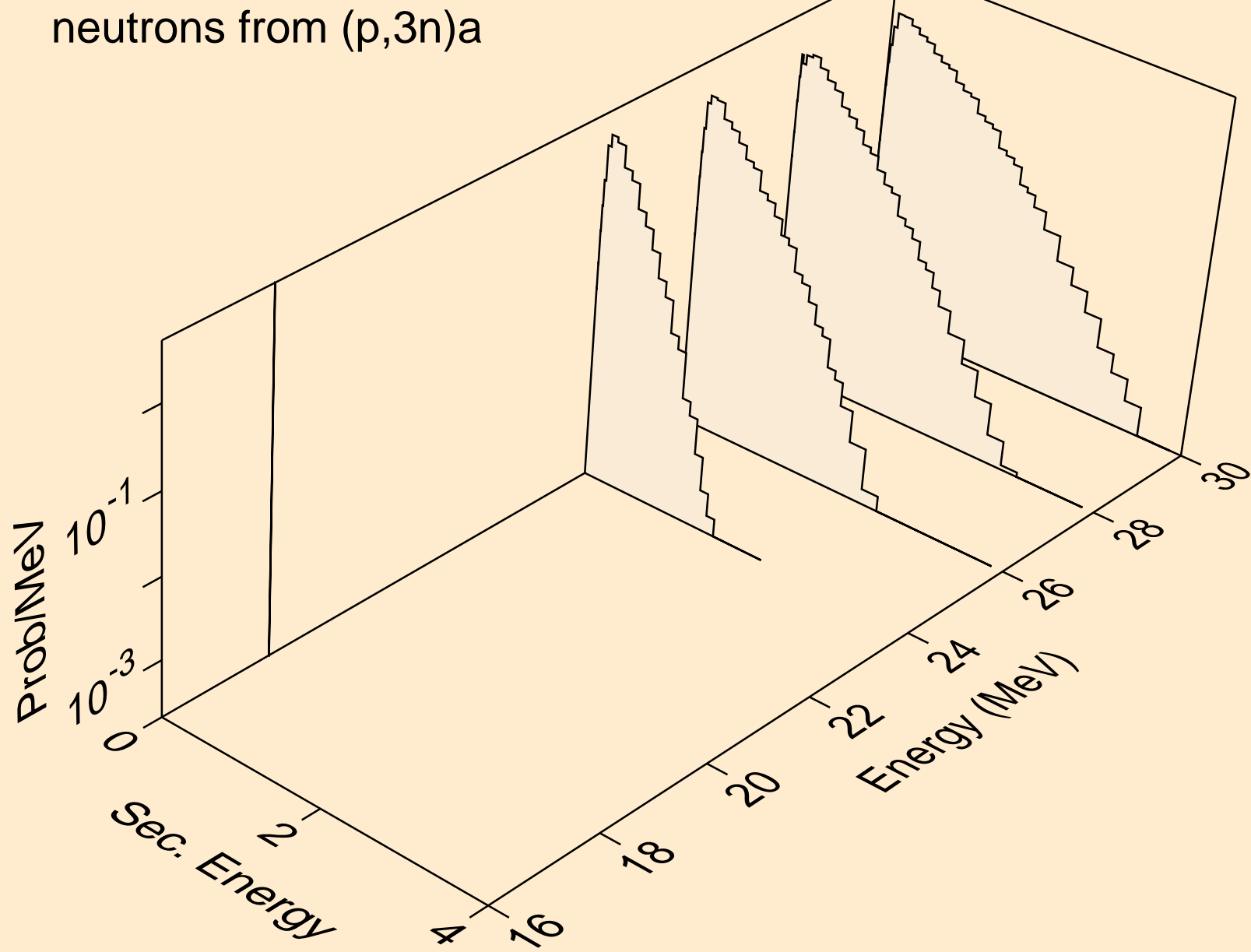
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



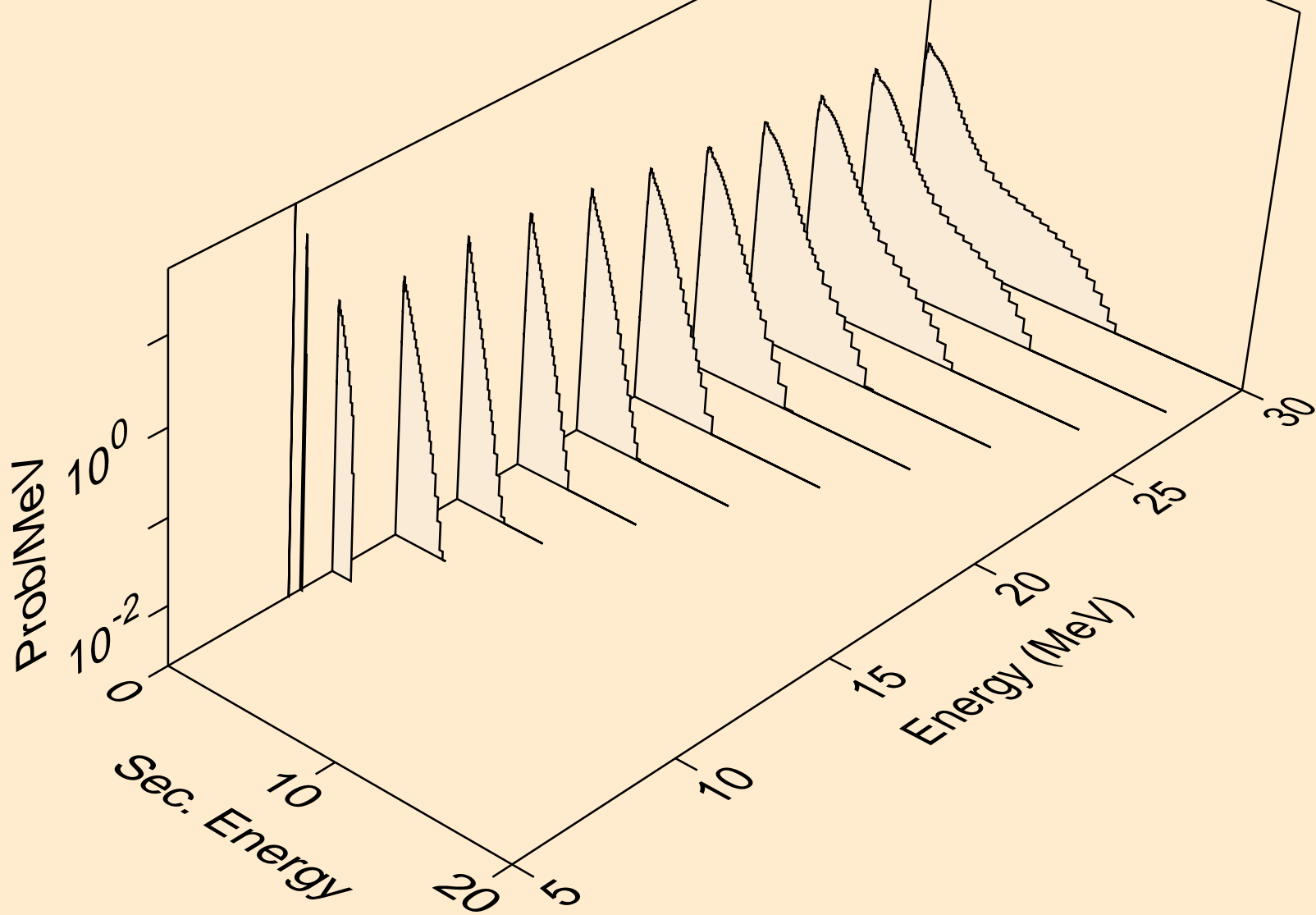
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



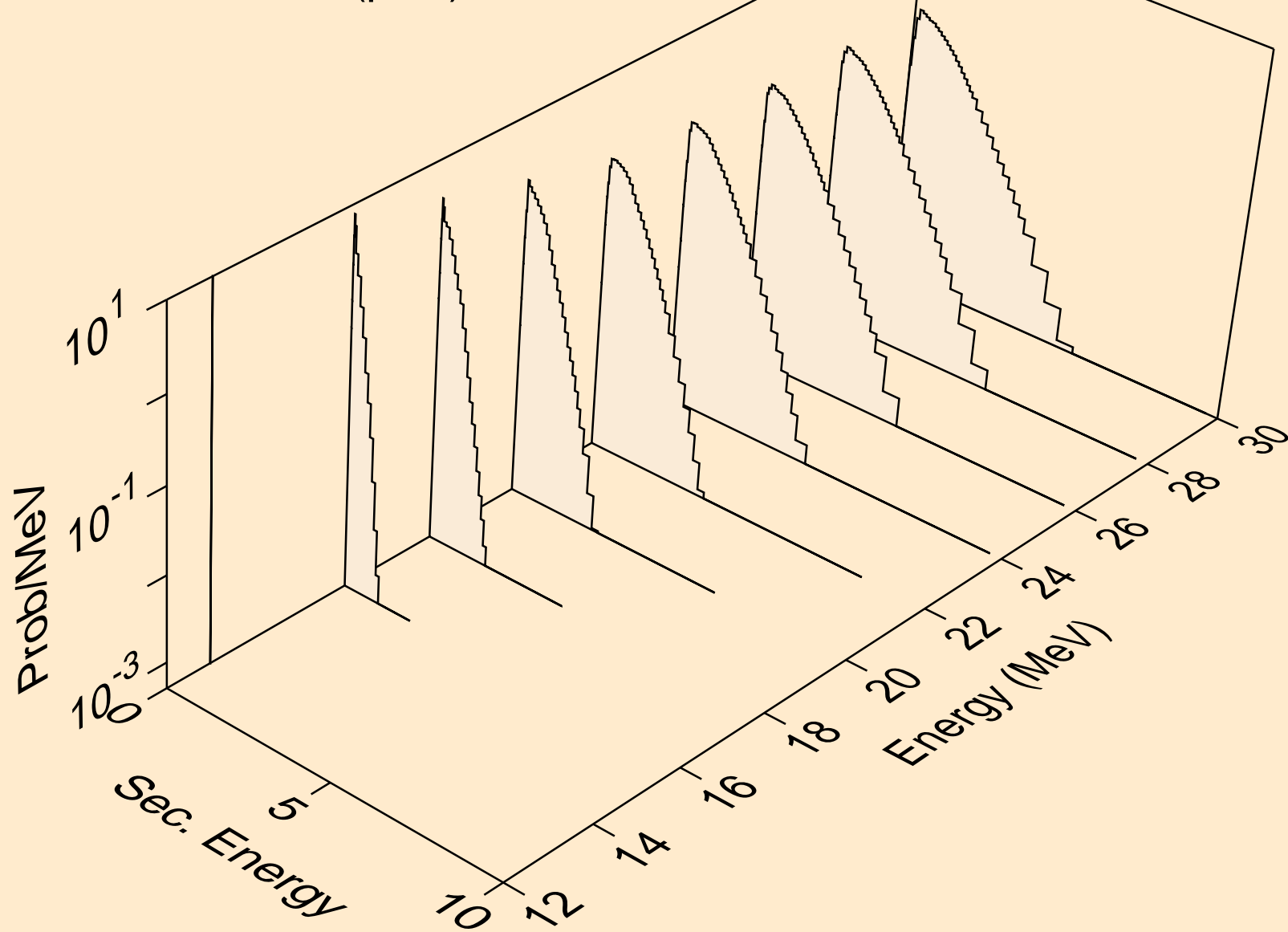
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



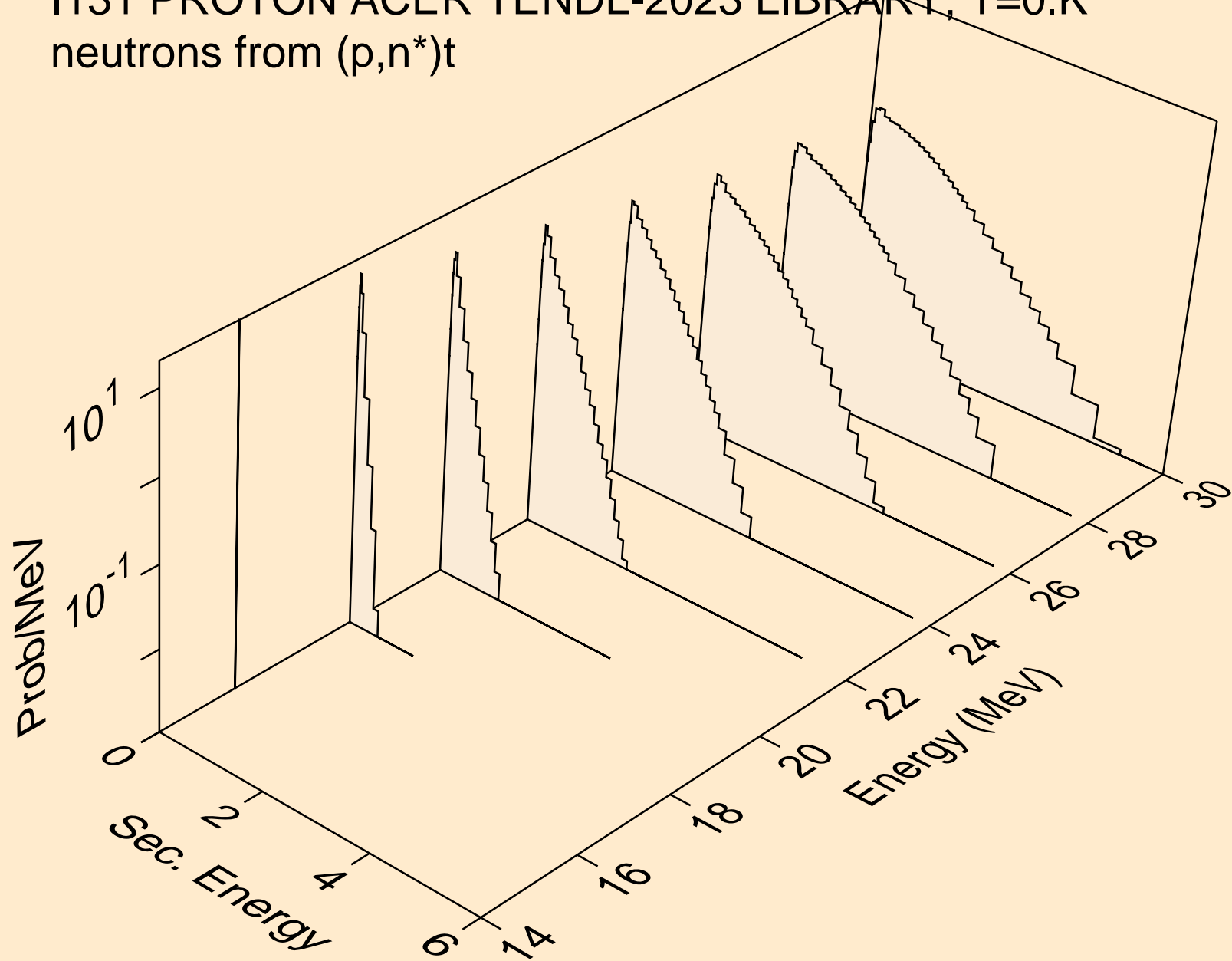
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



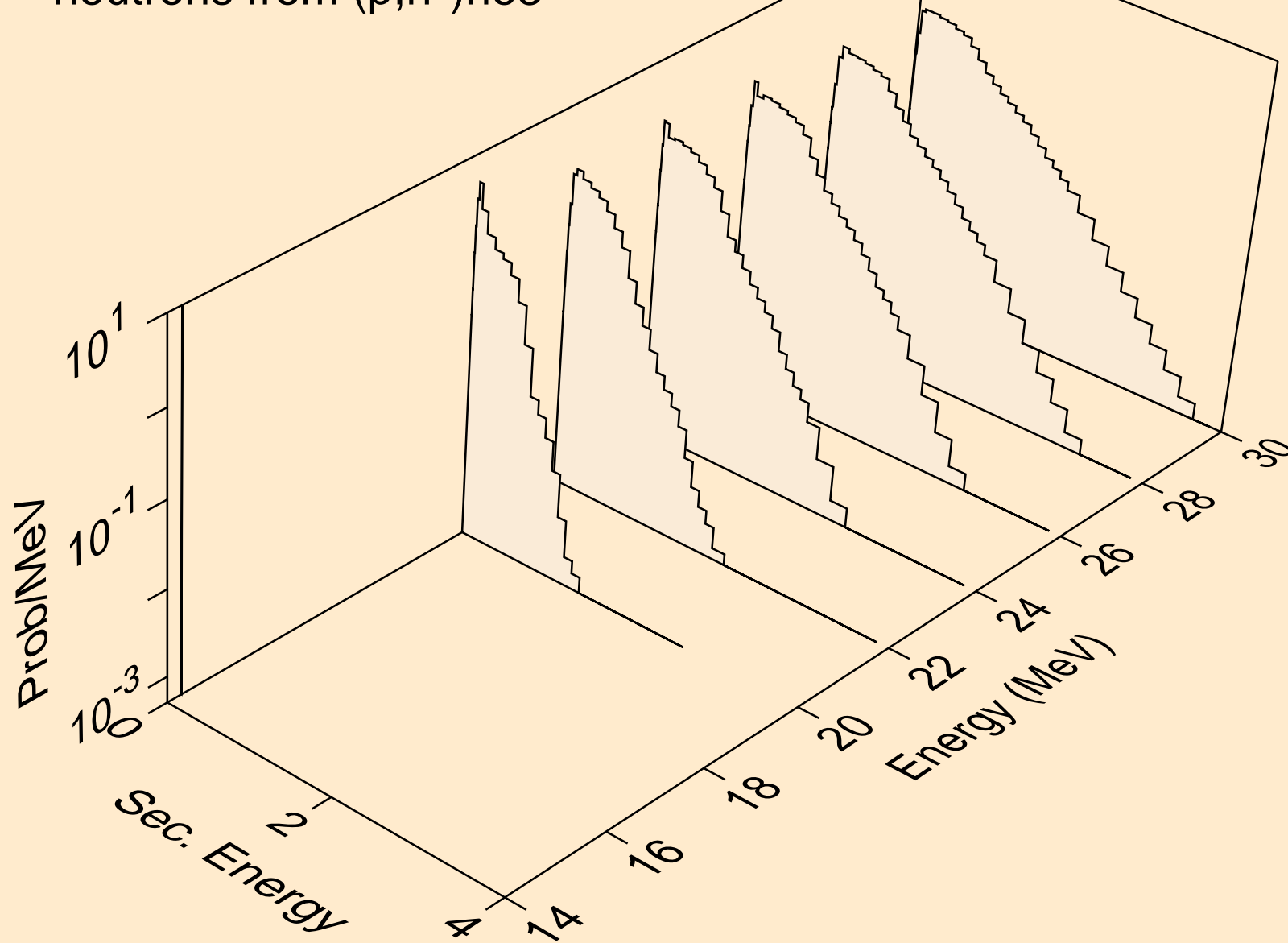
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



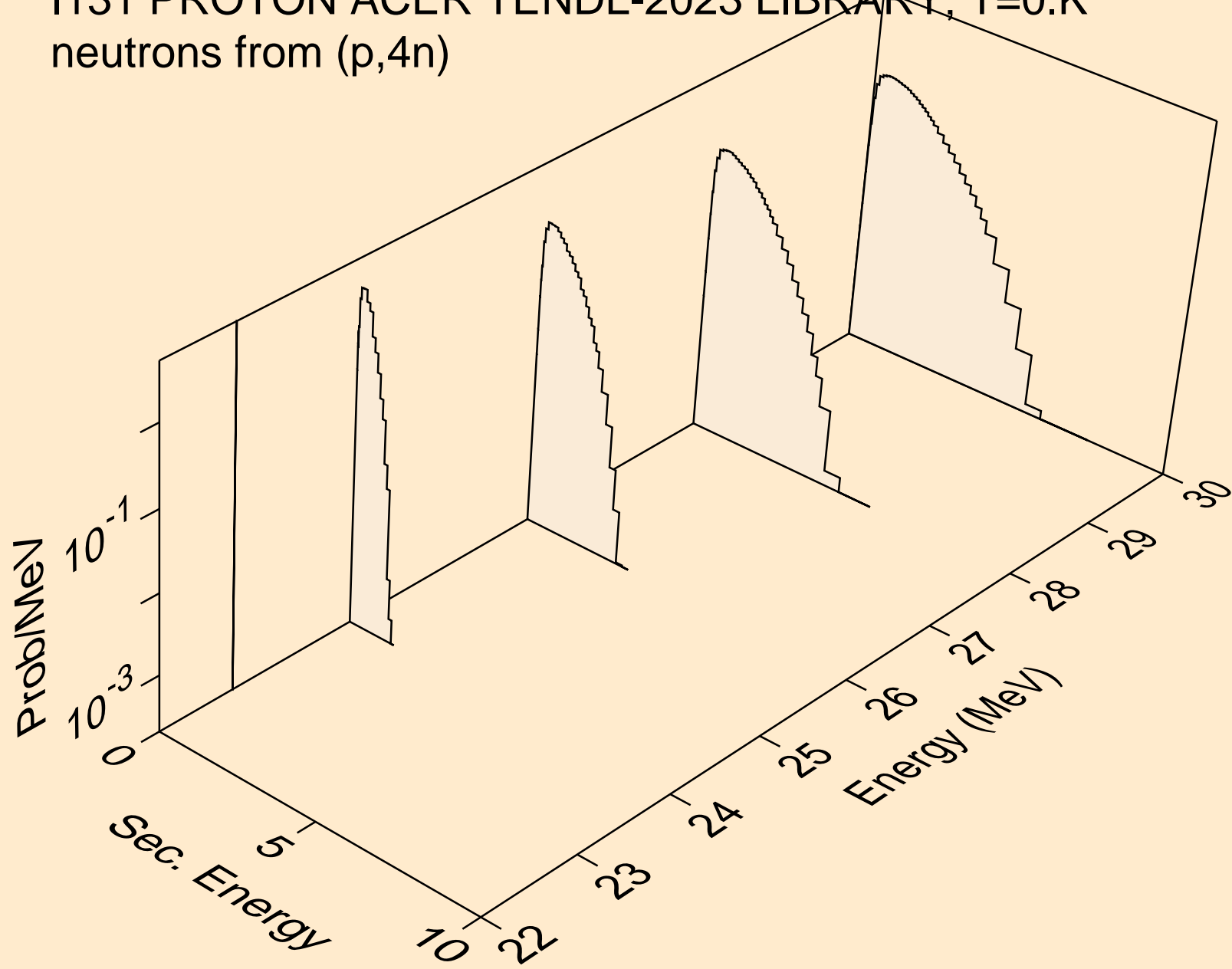
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

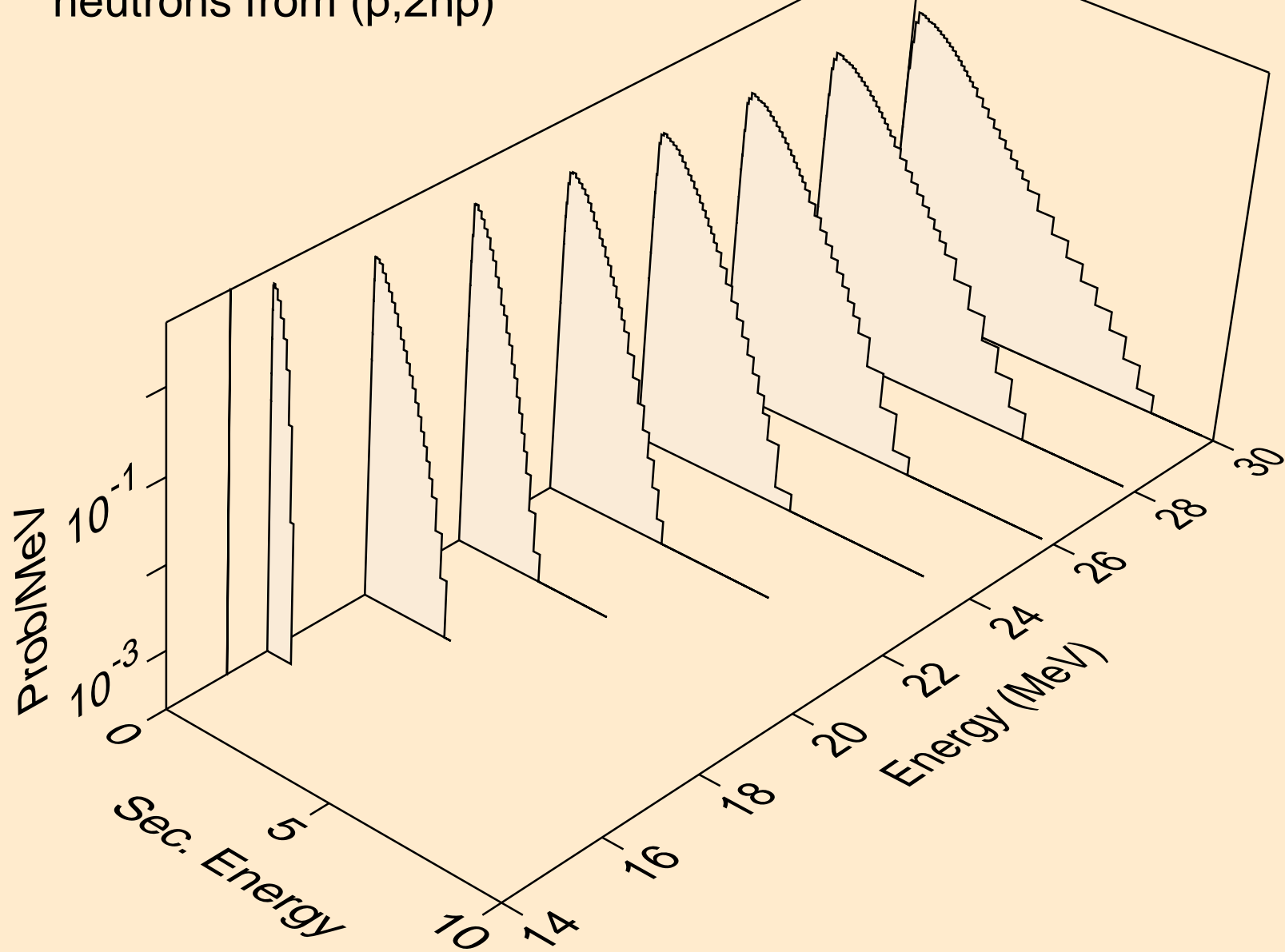


I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)

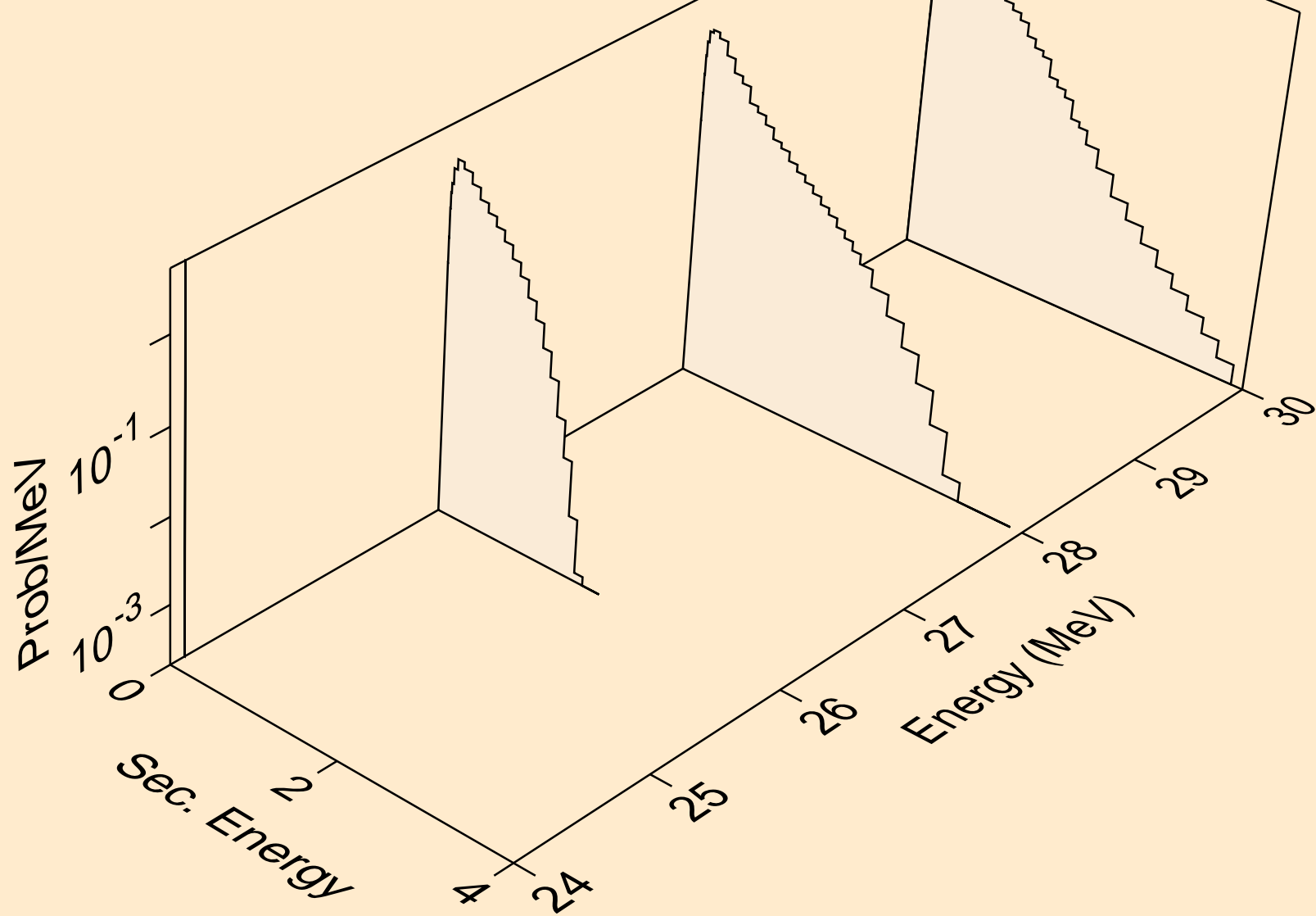




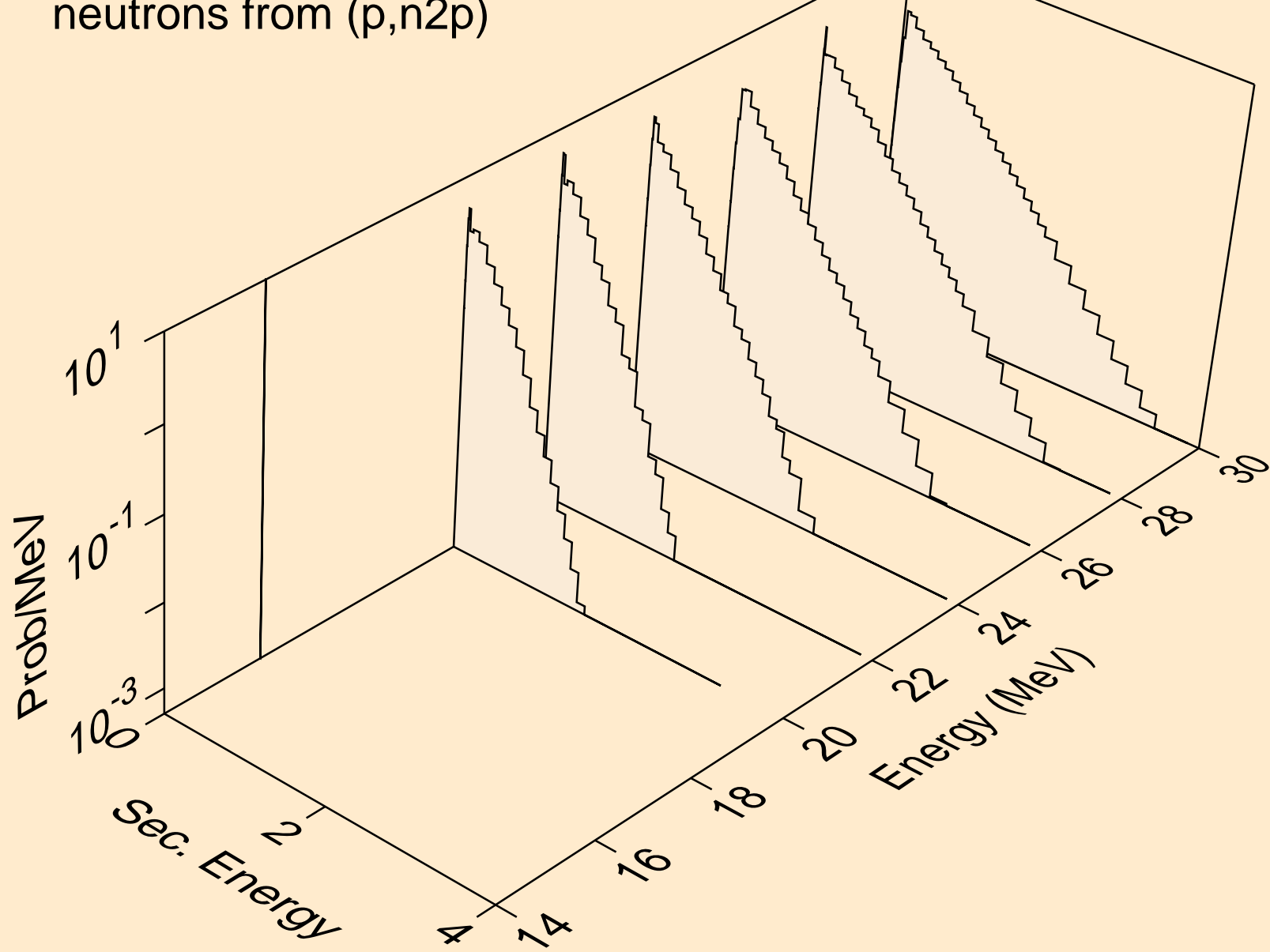
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



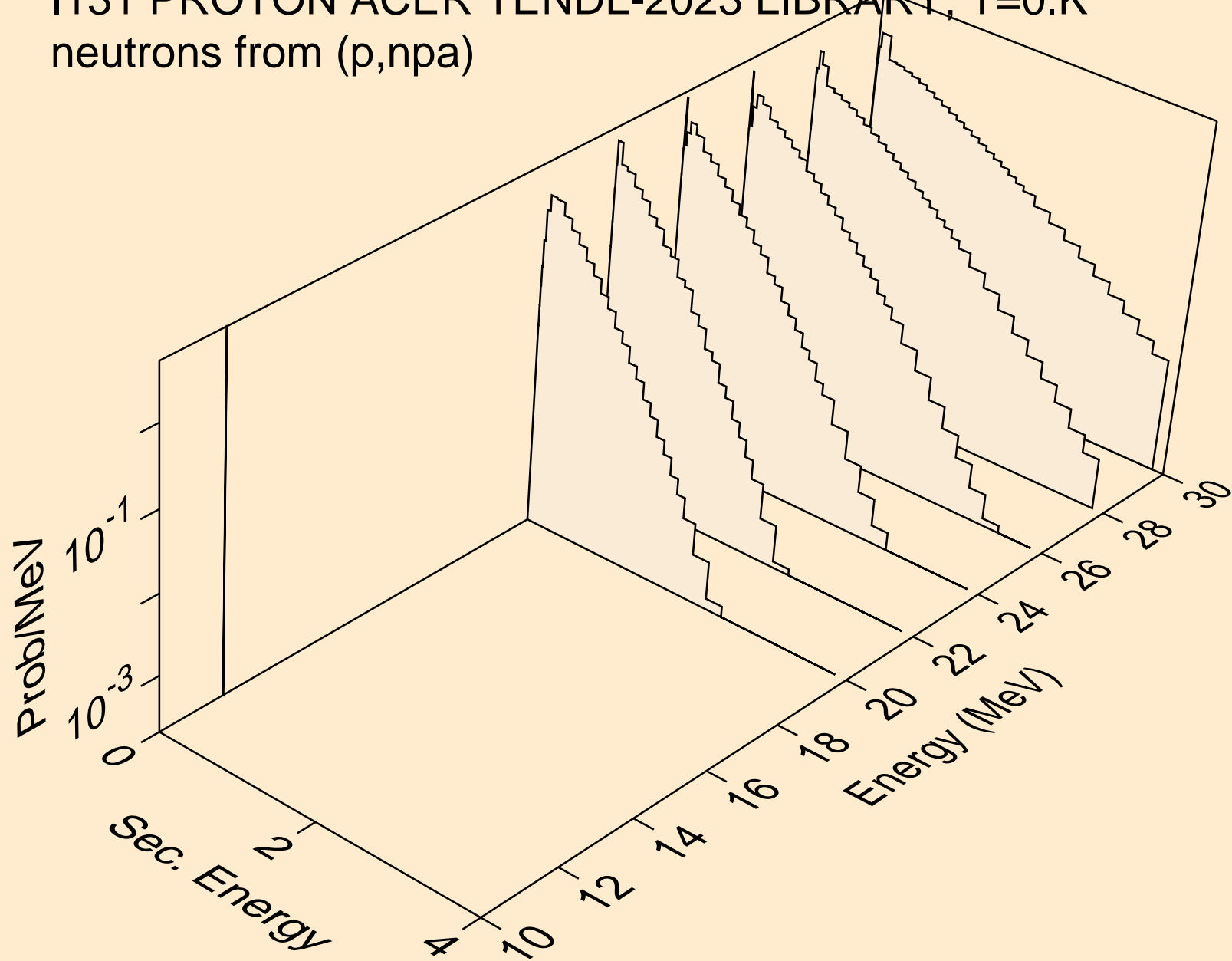
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



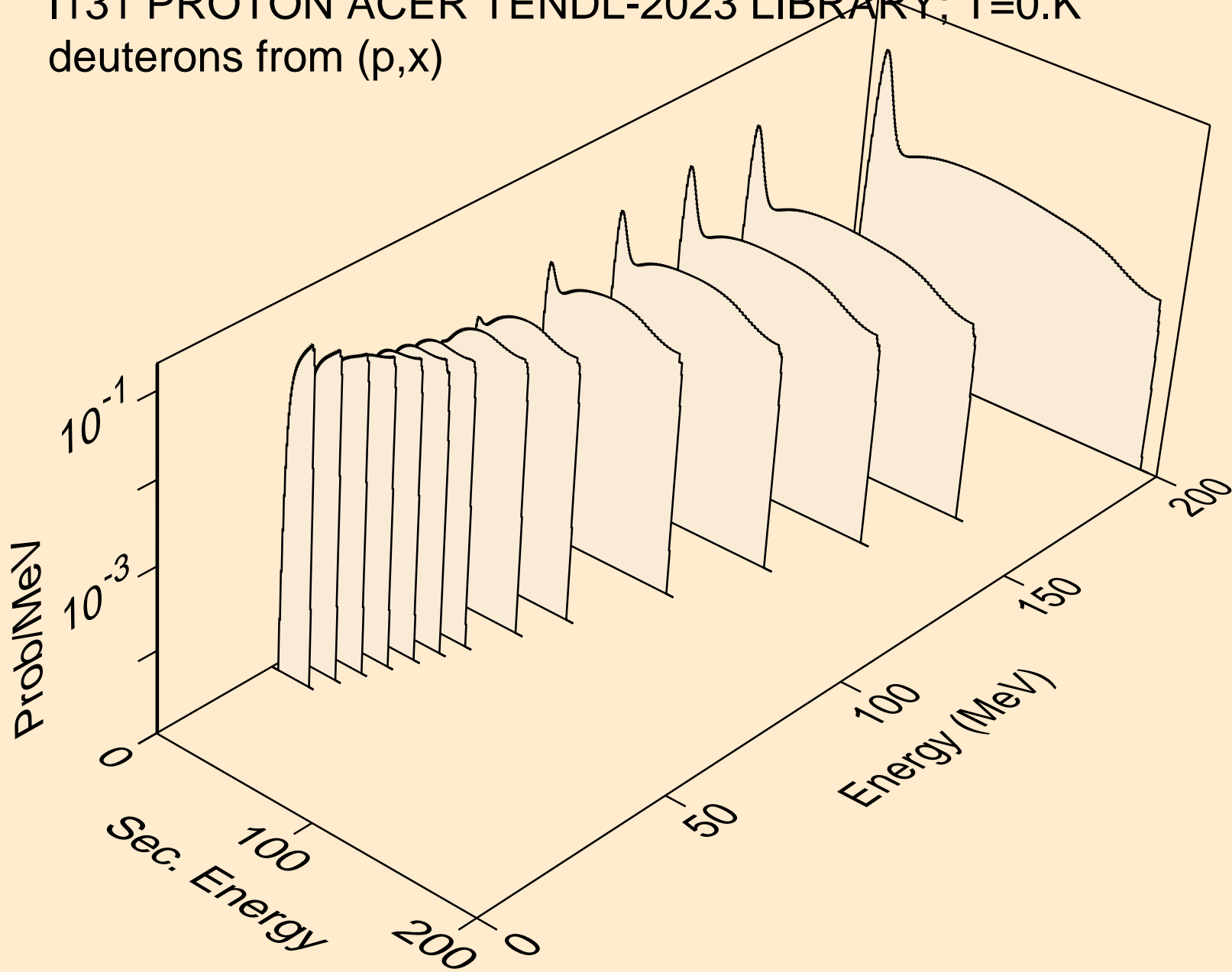
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



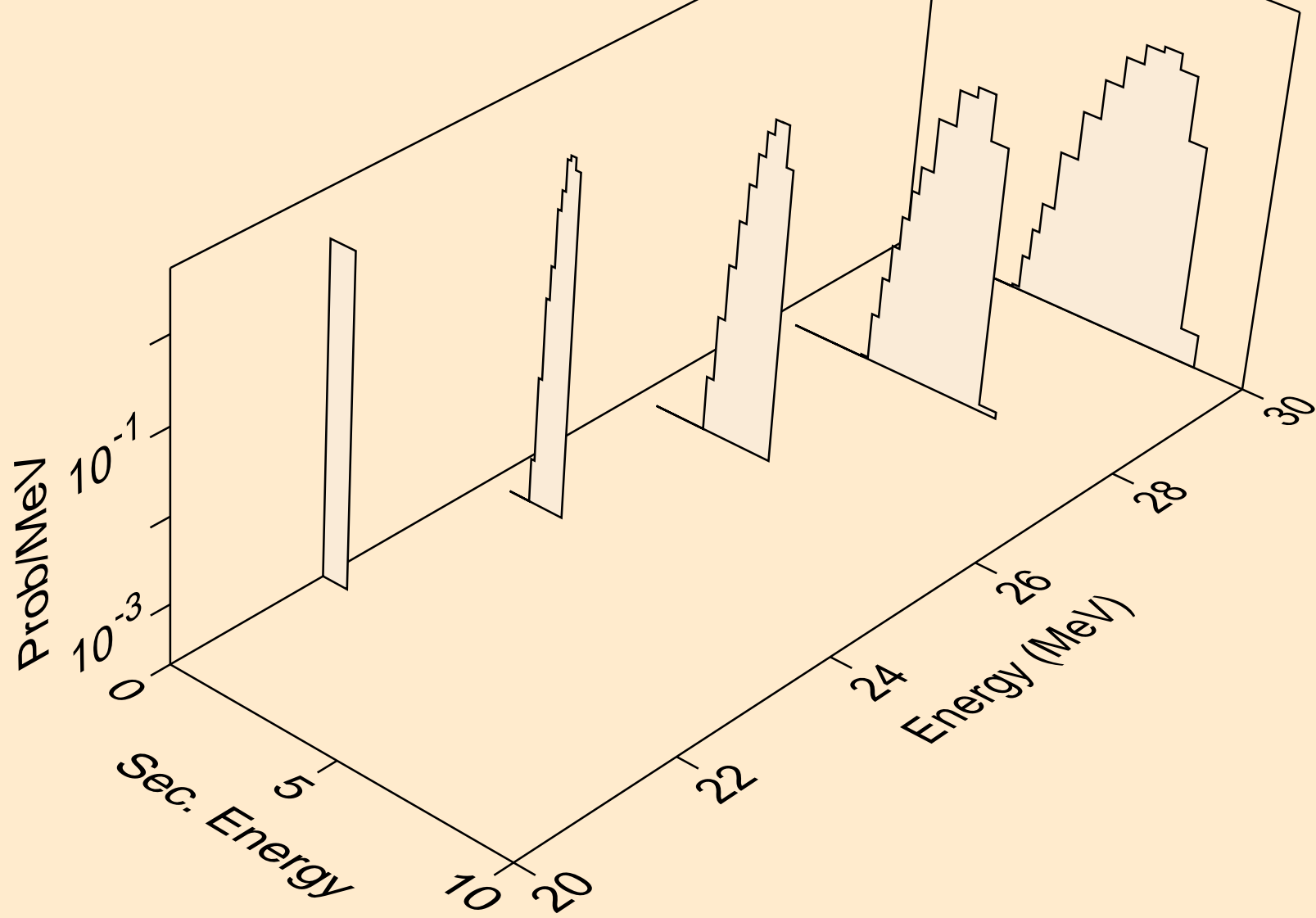
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



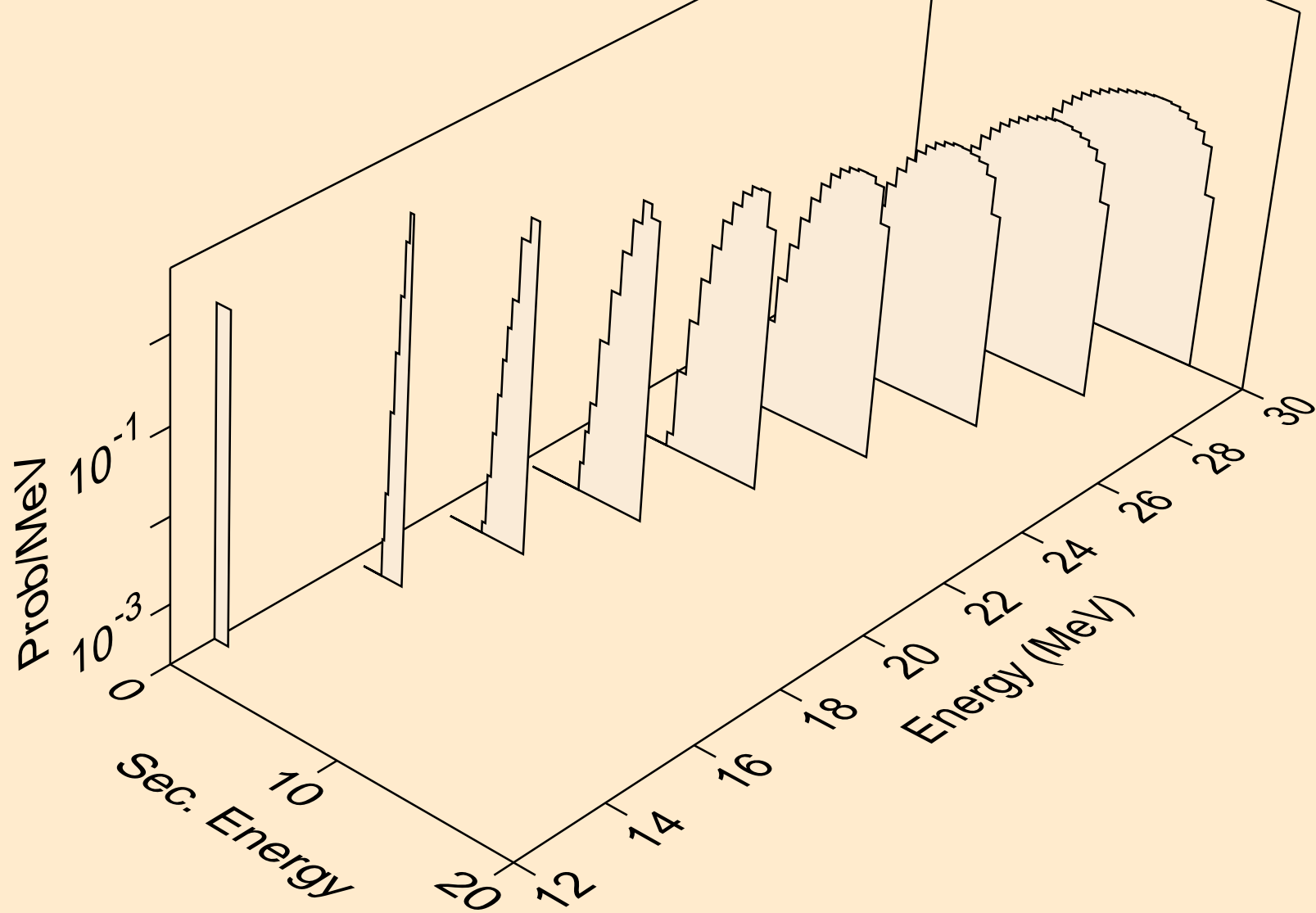
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



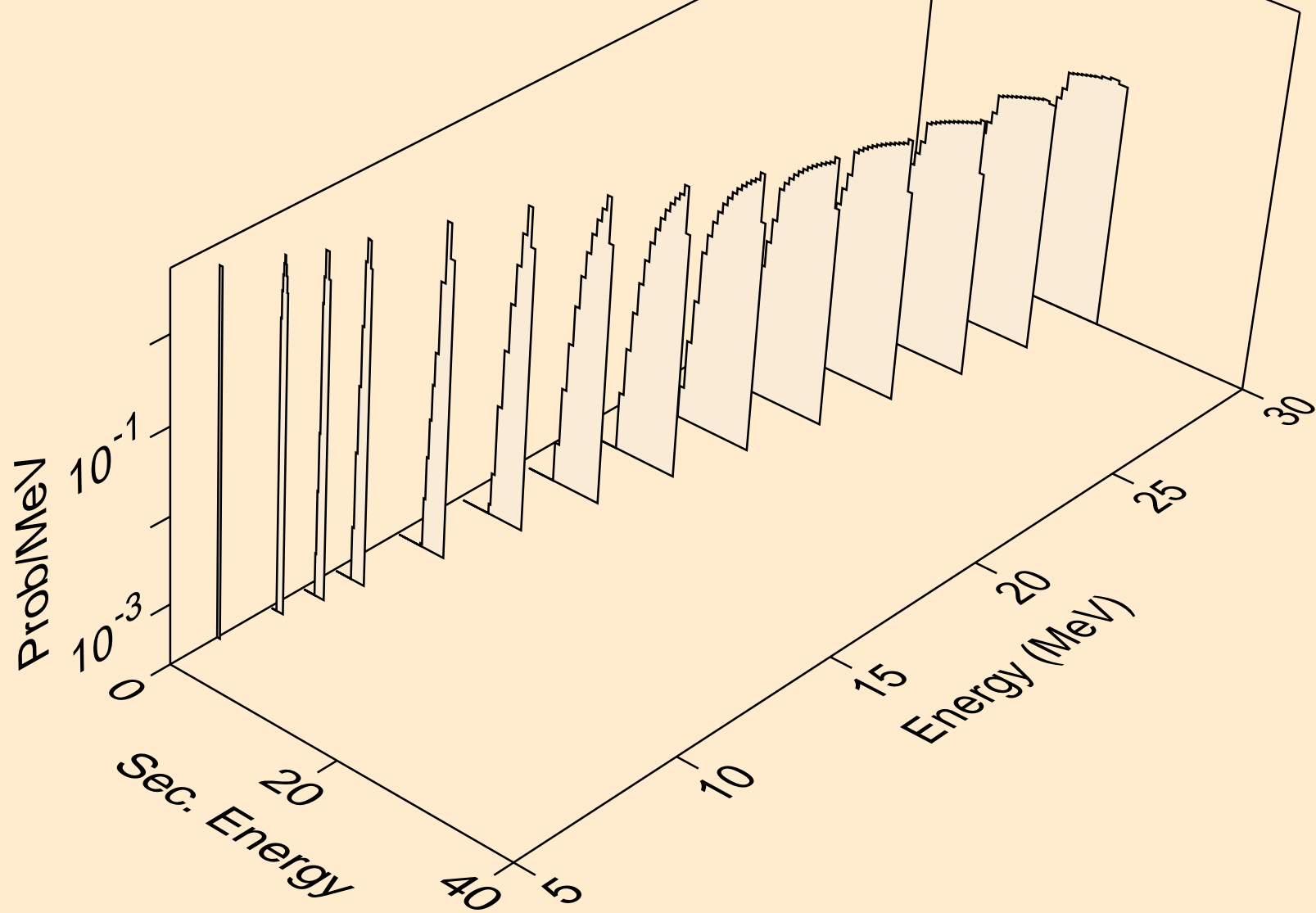
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

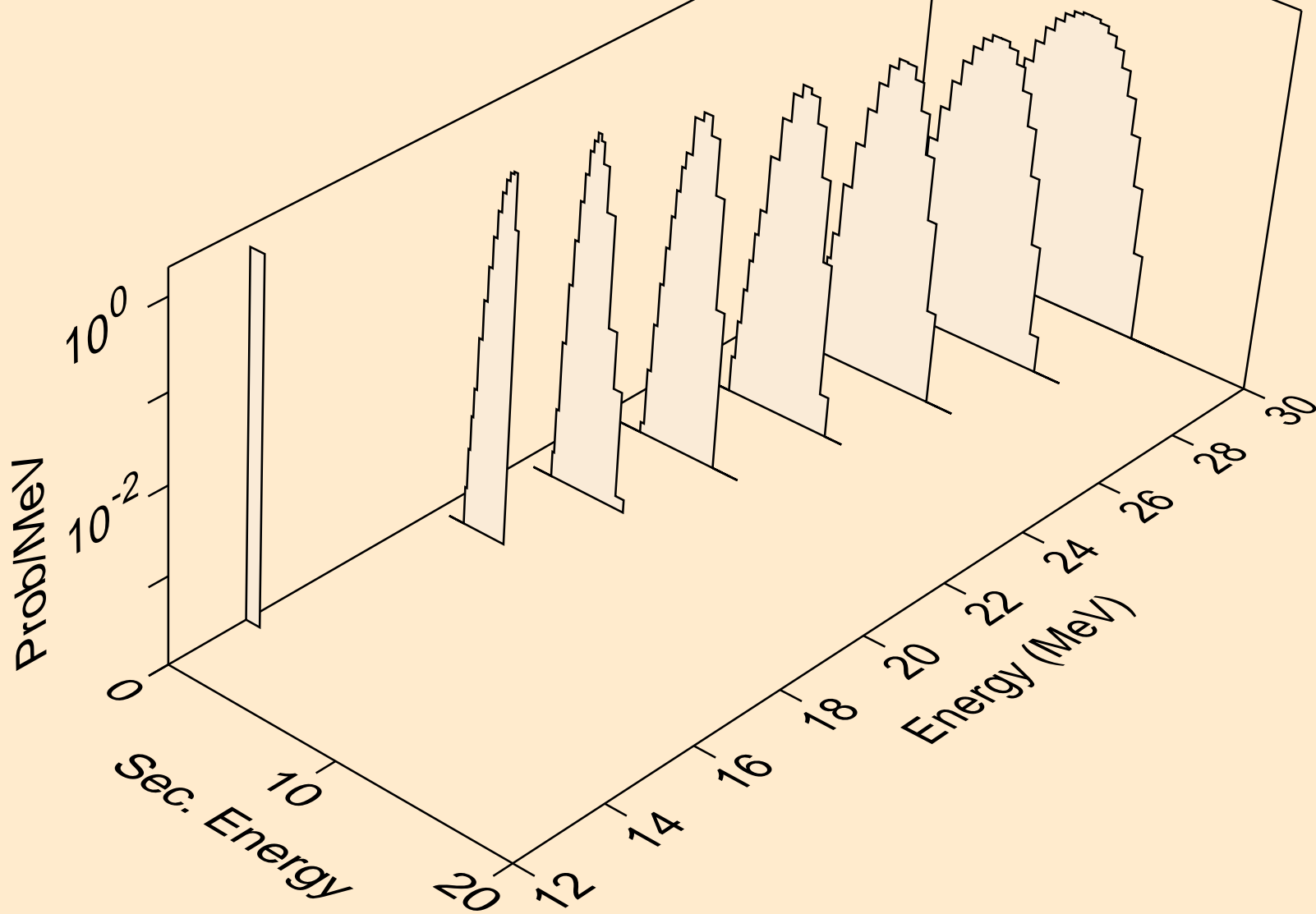


I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

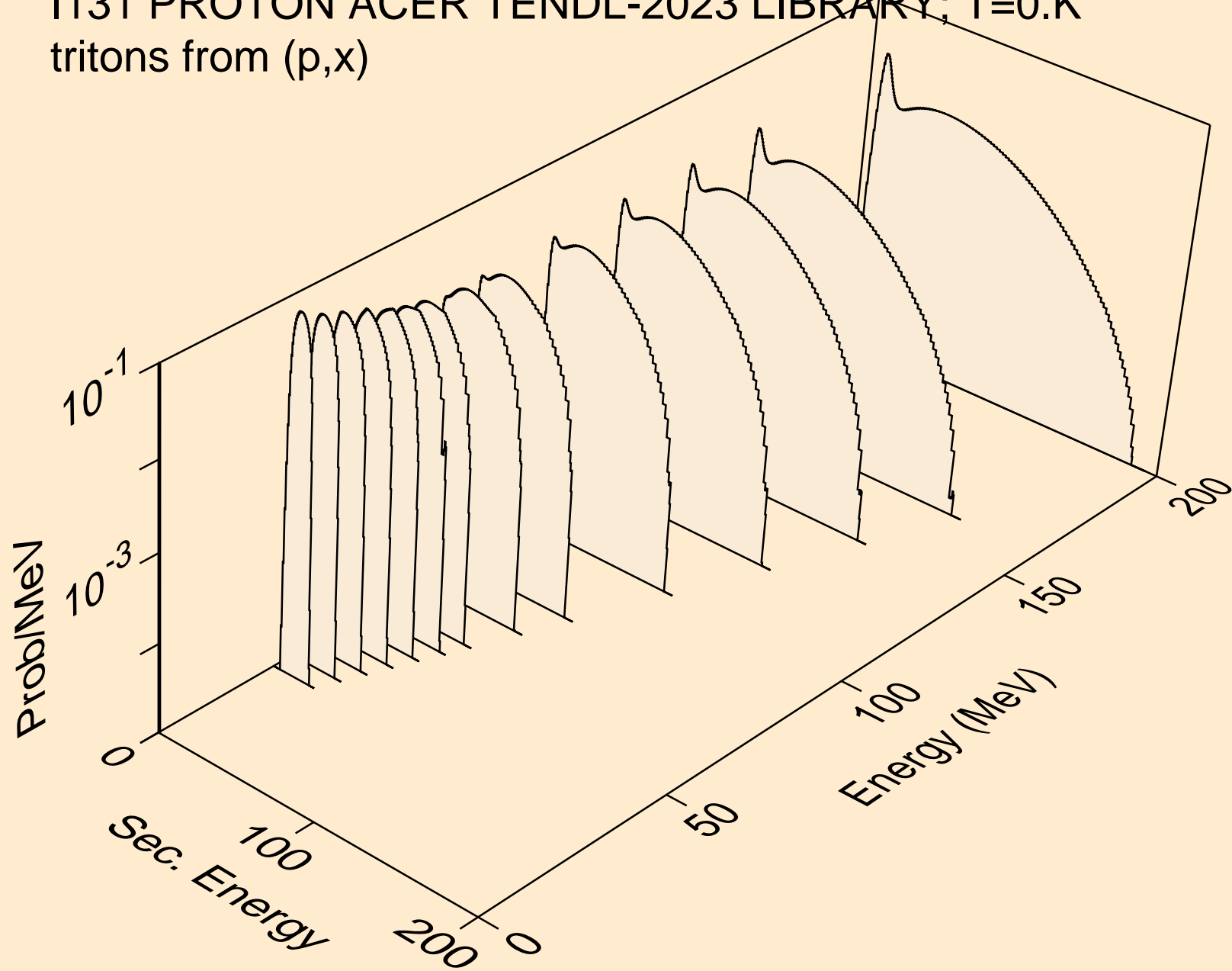




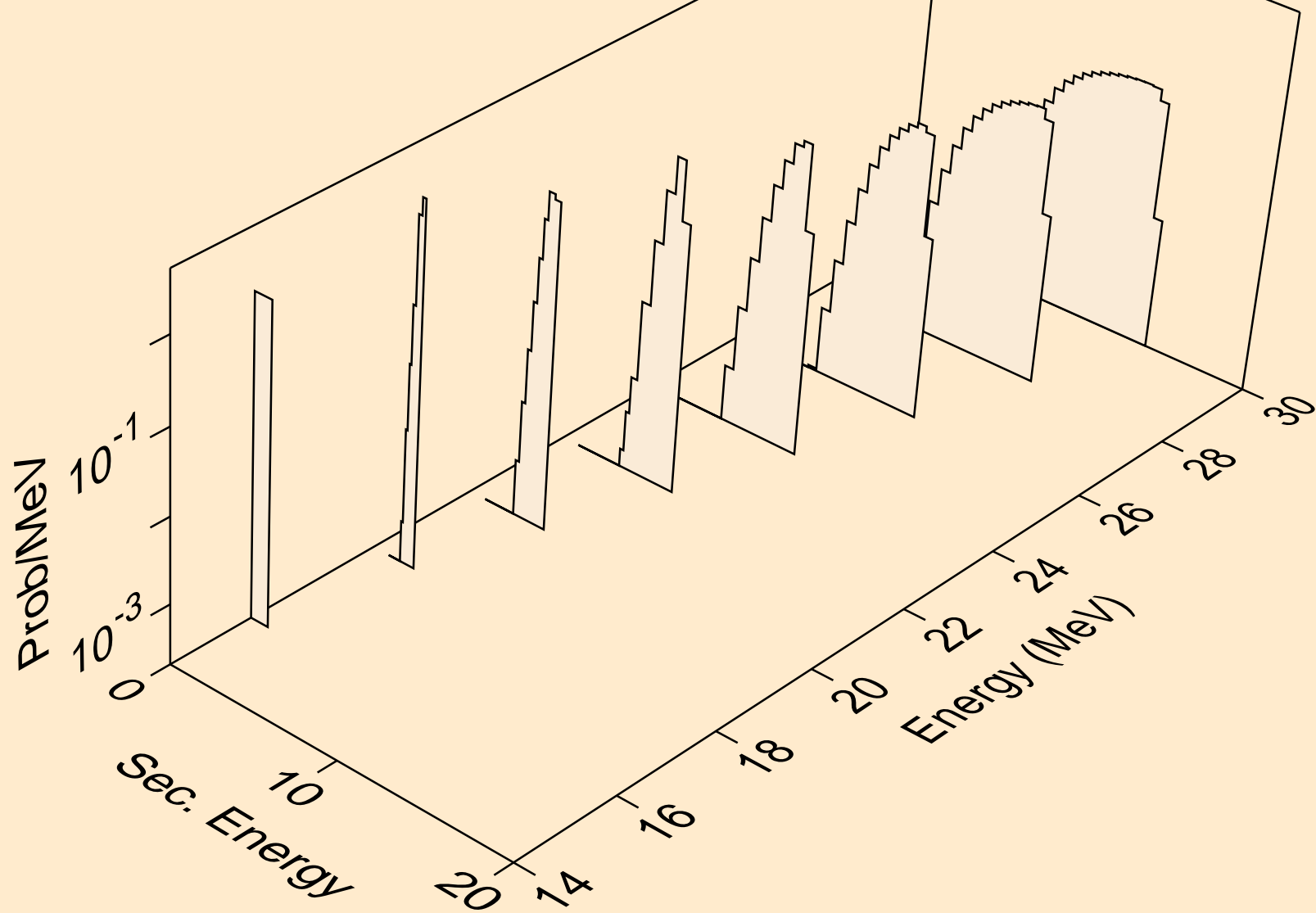
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



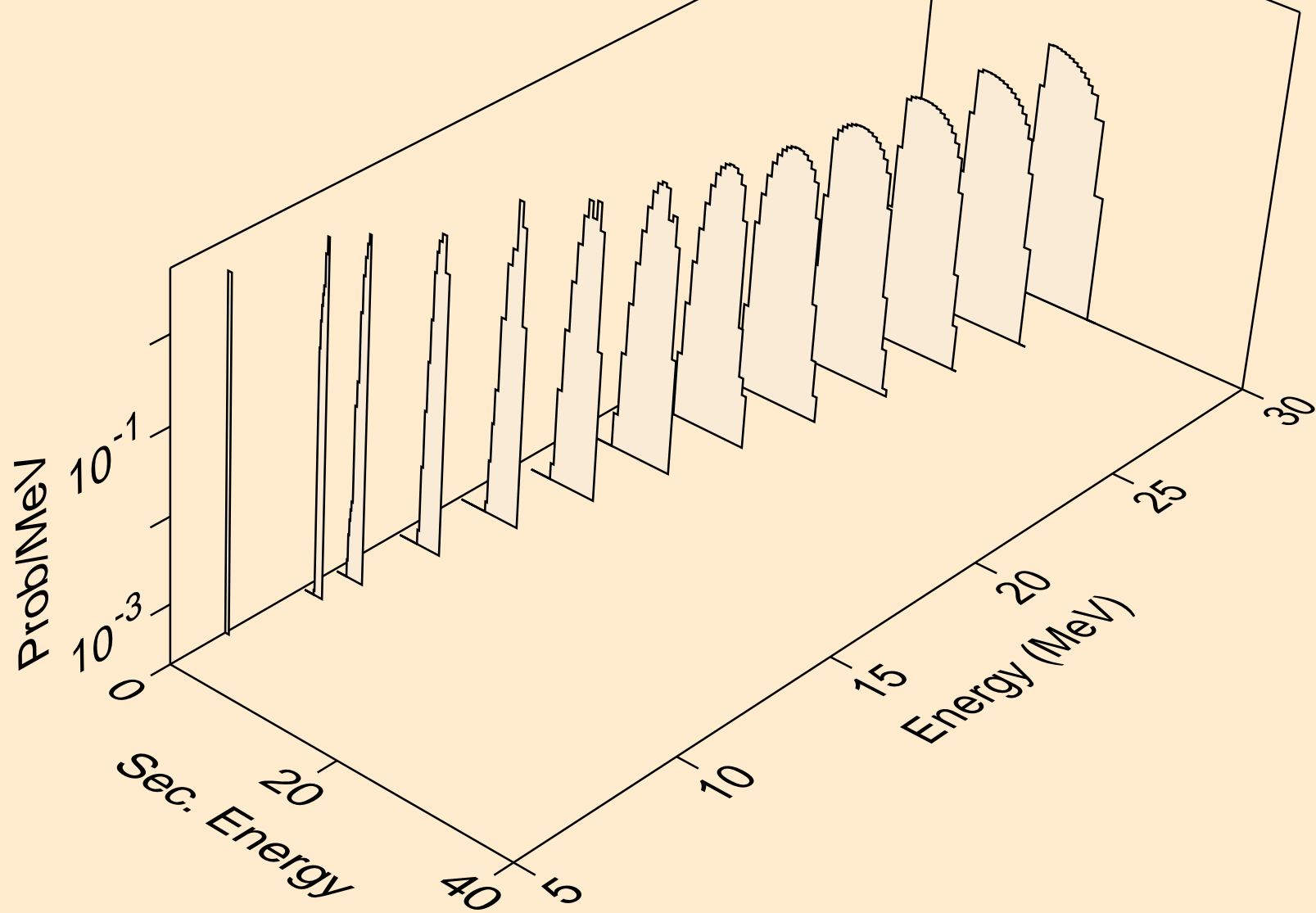
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



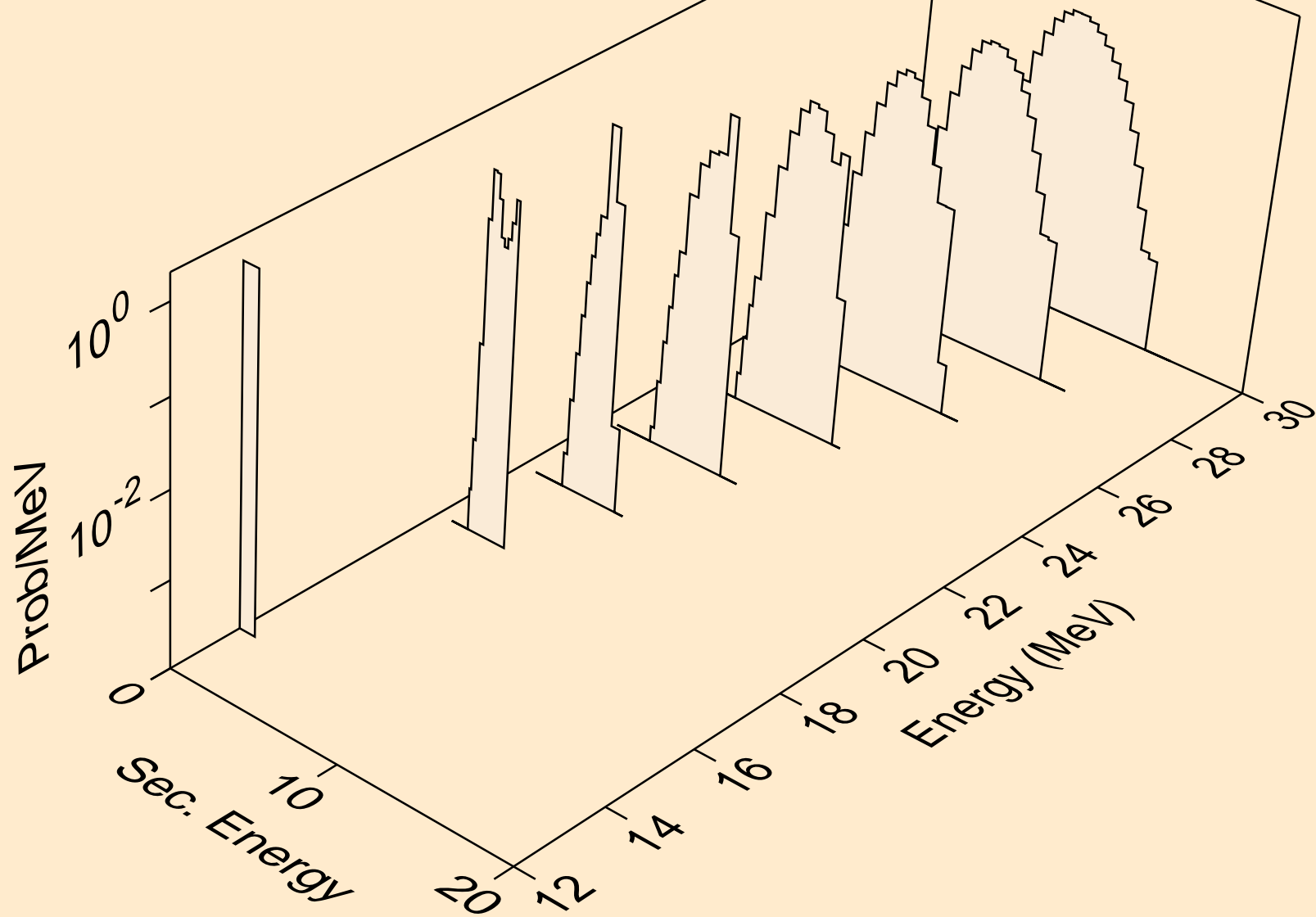
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



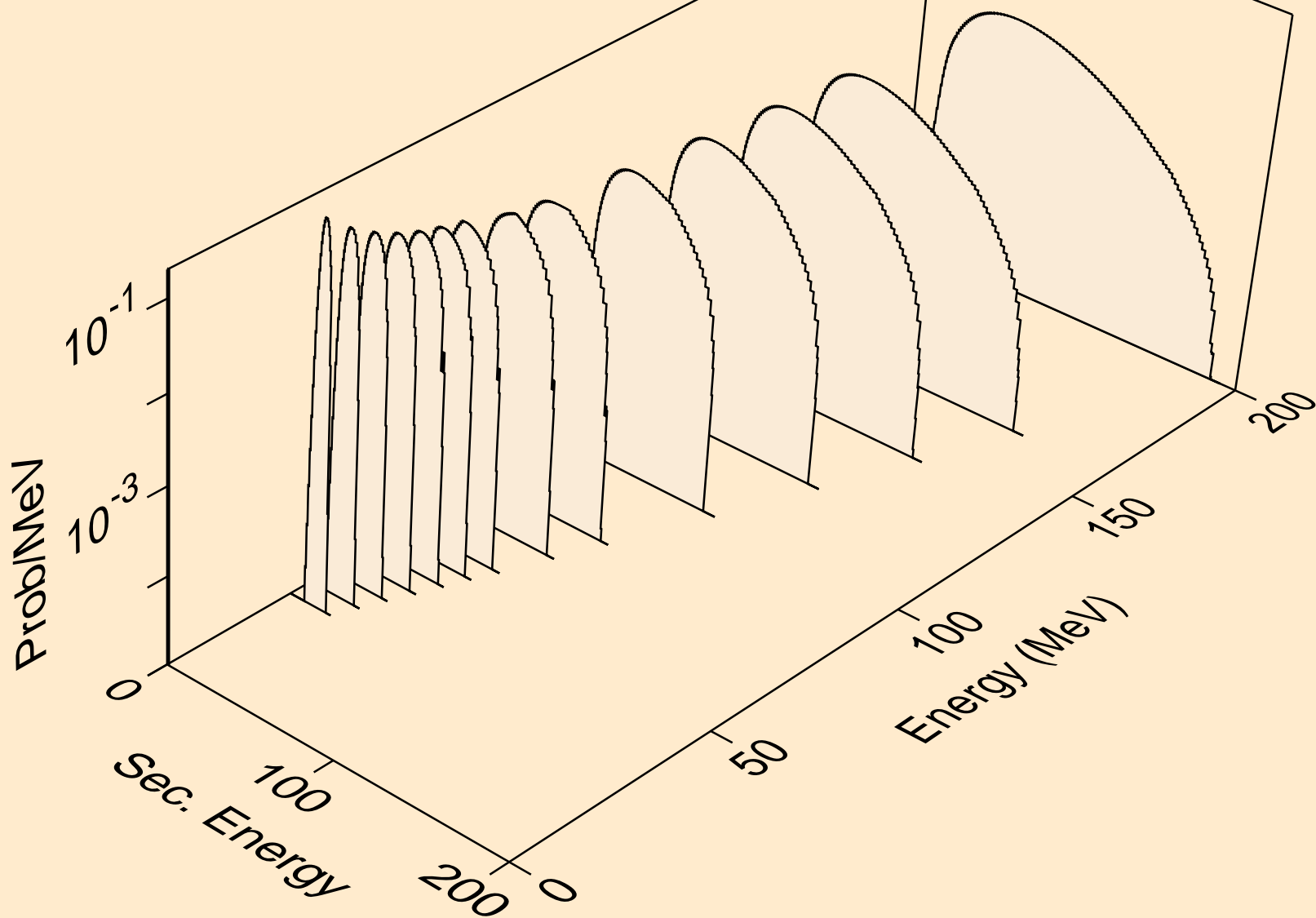
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



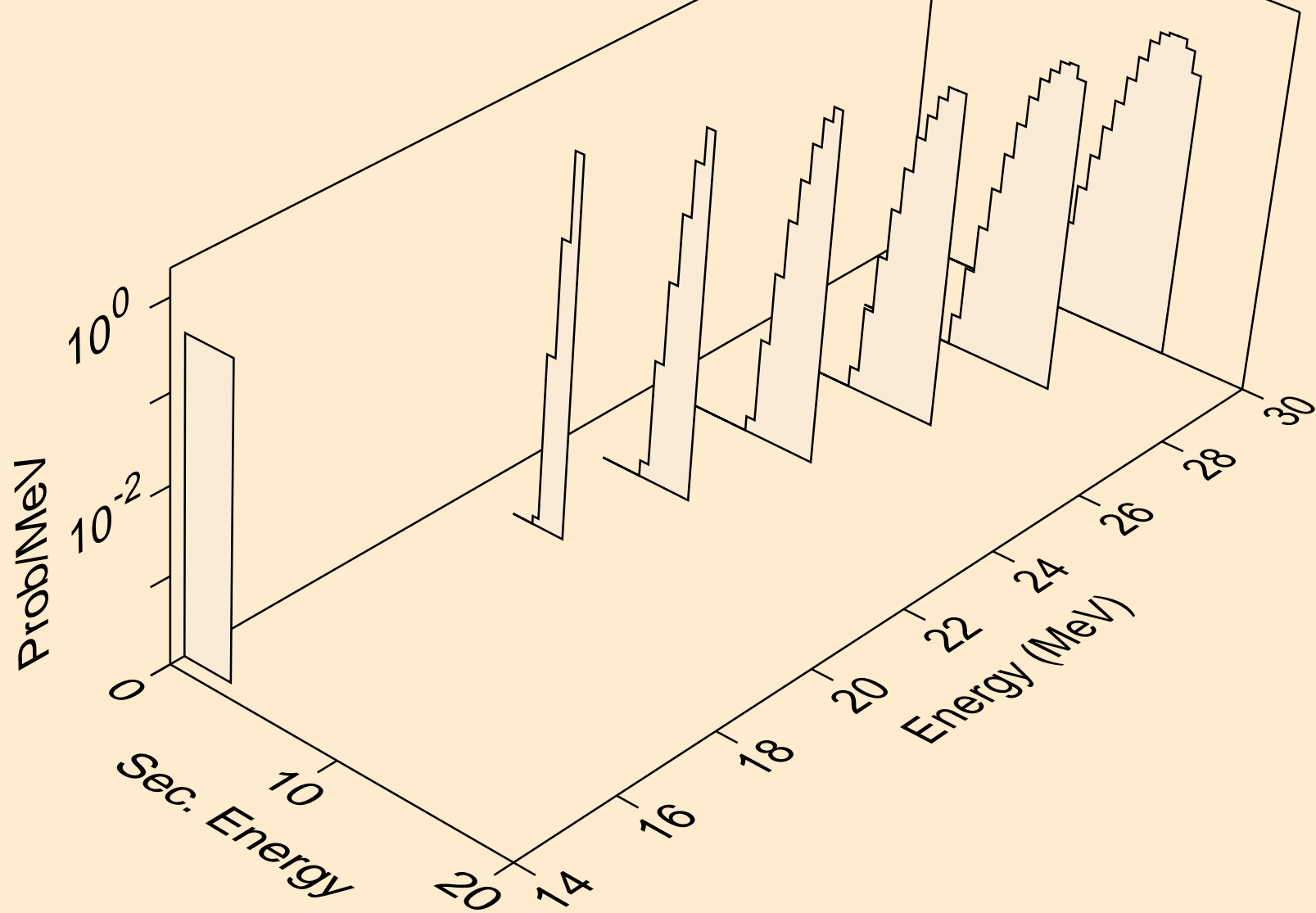
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



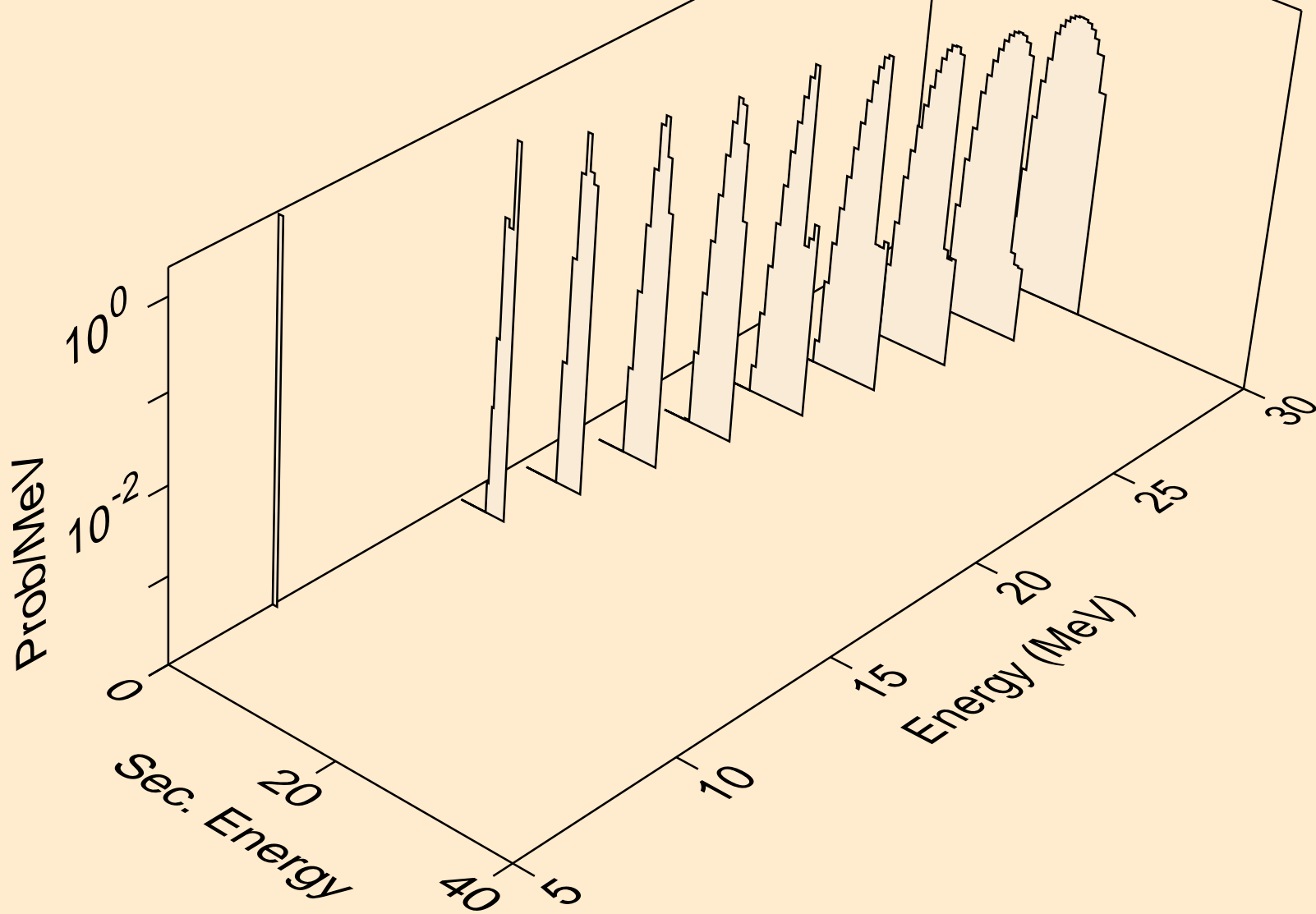
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

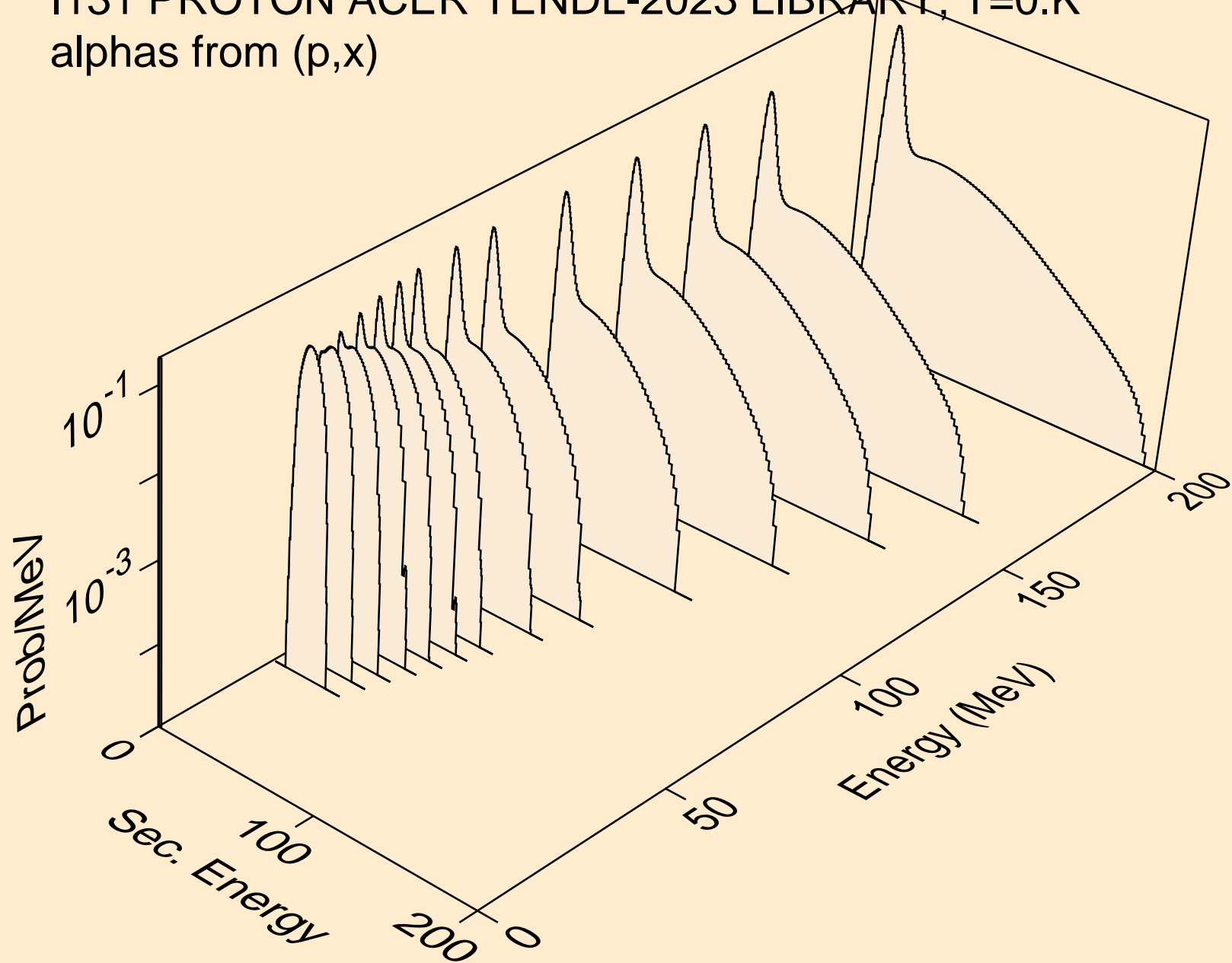


I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

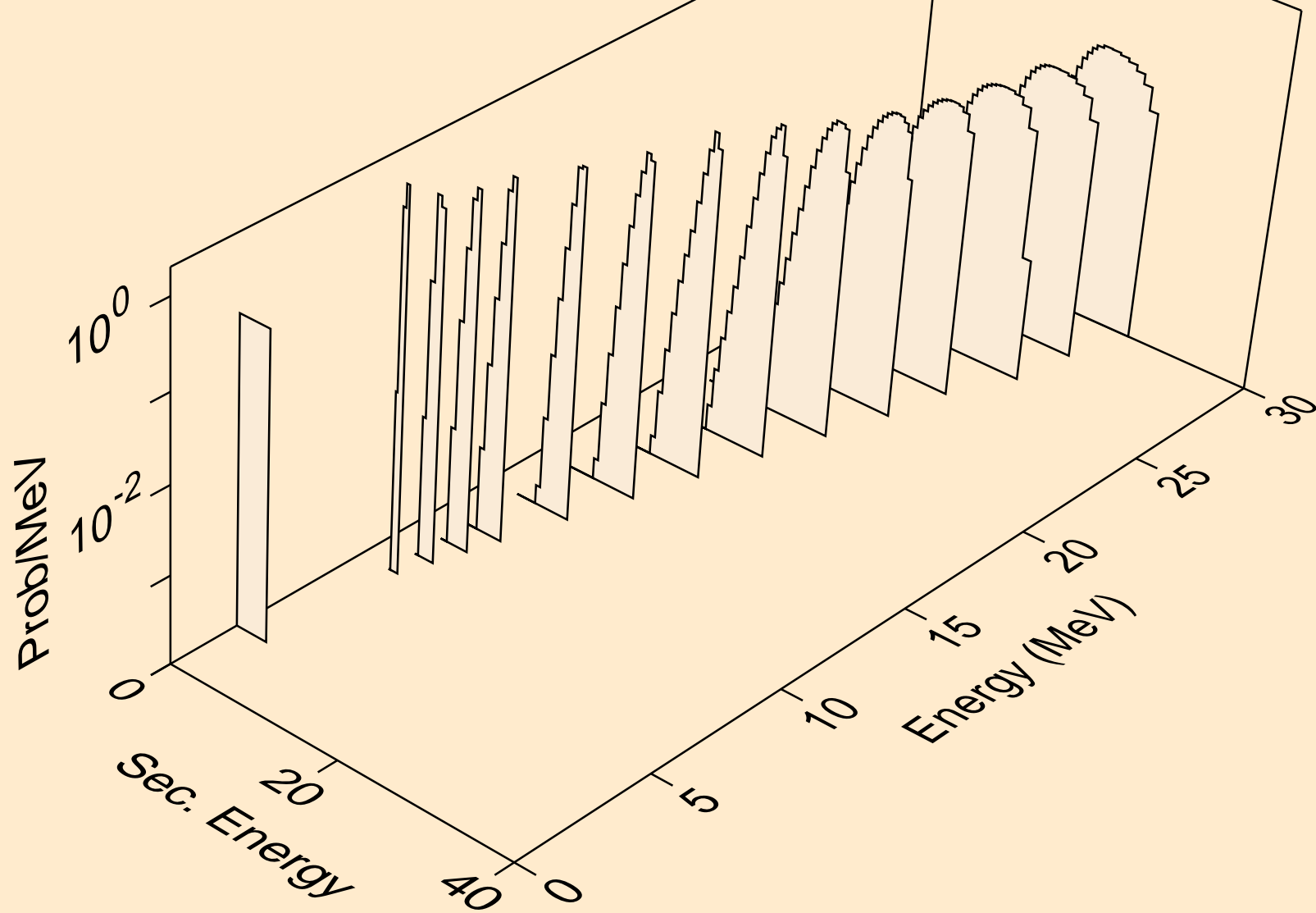




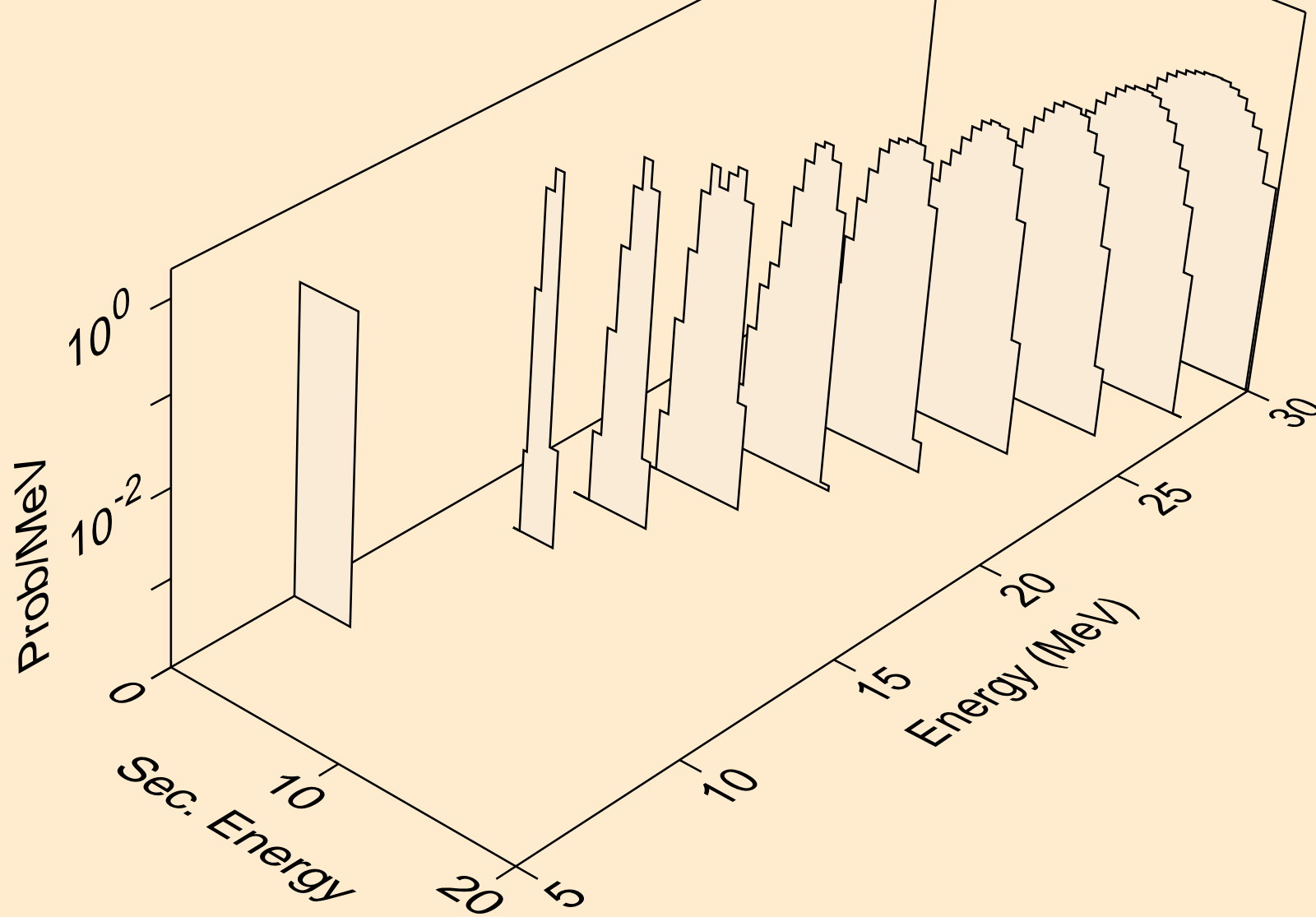
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



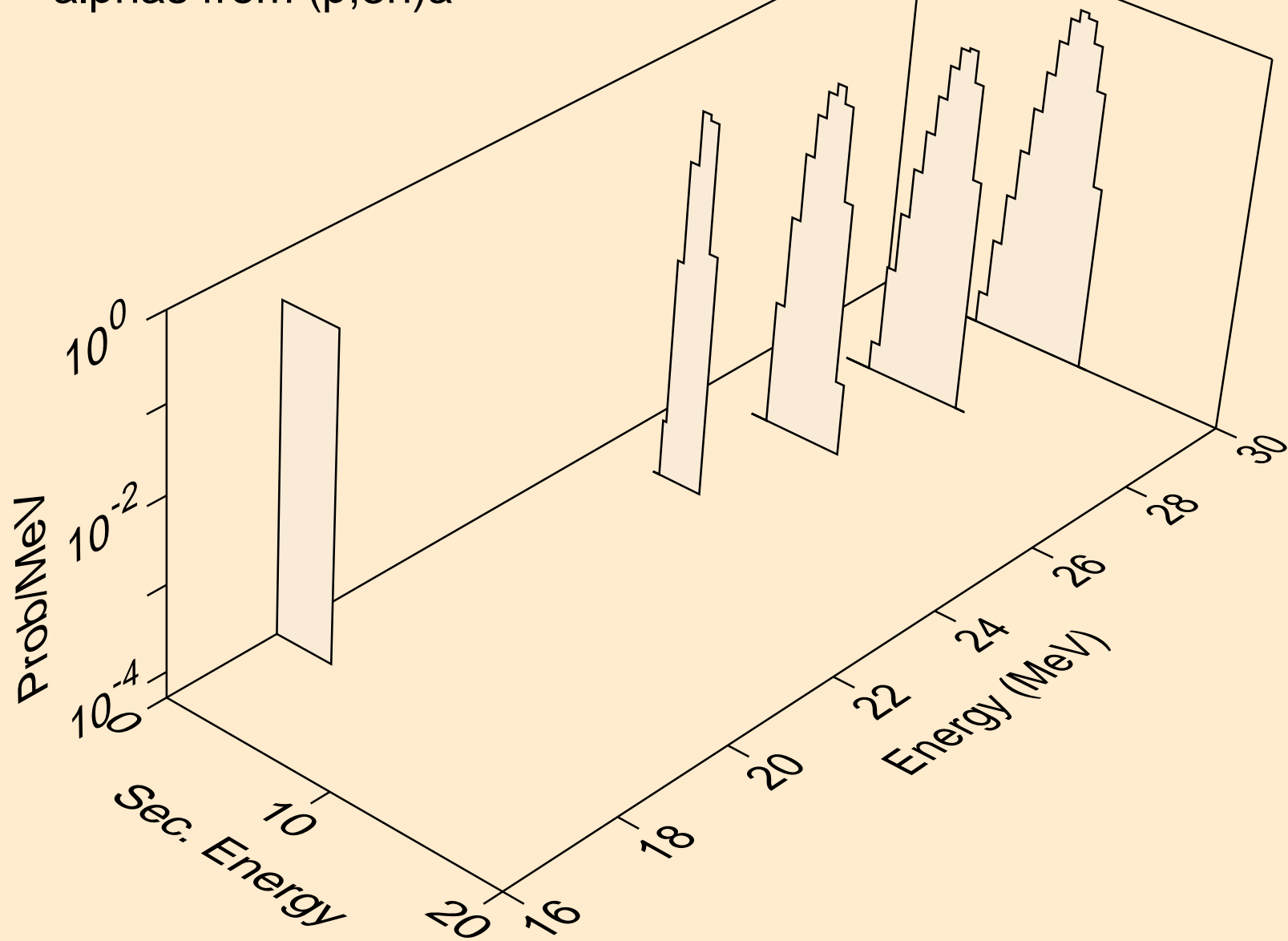
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



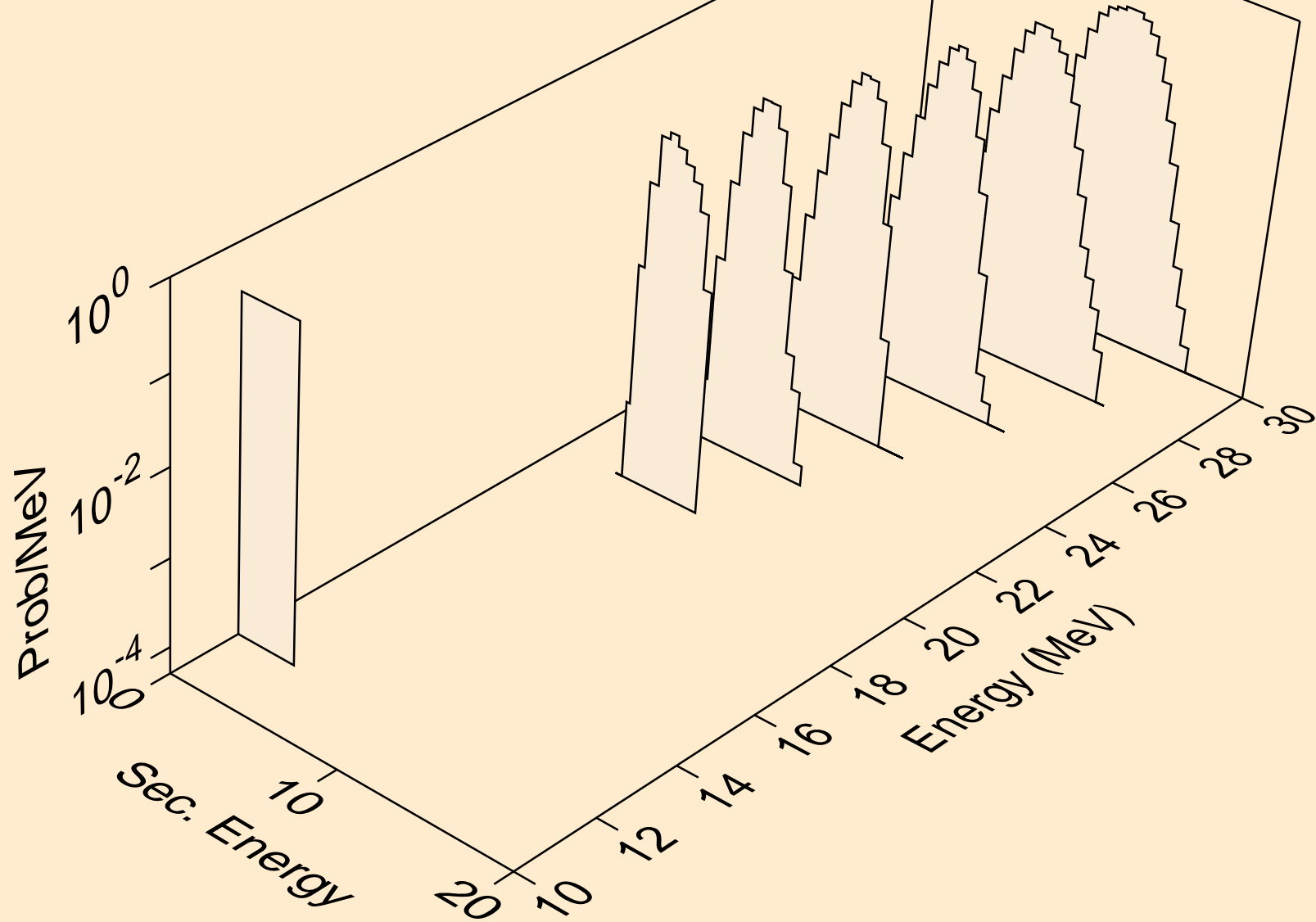
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



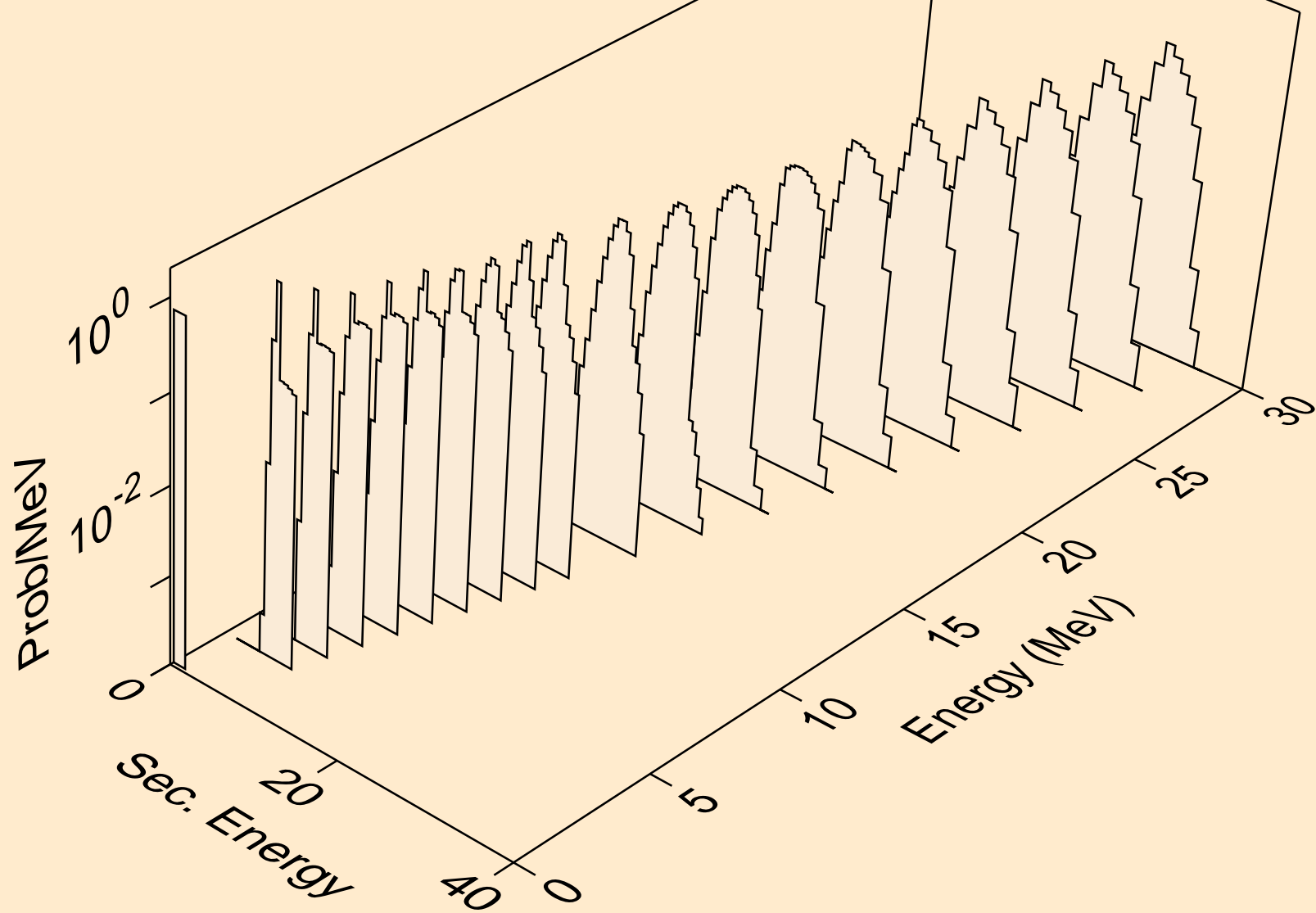
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



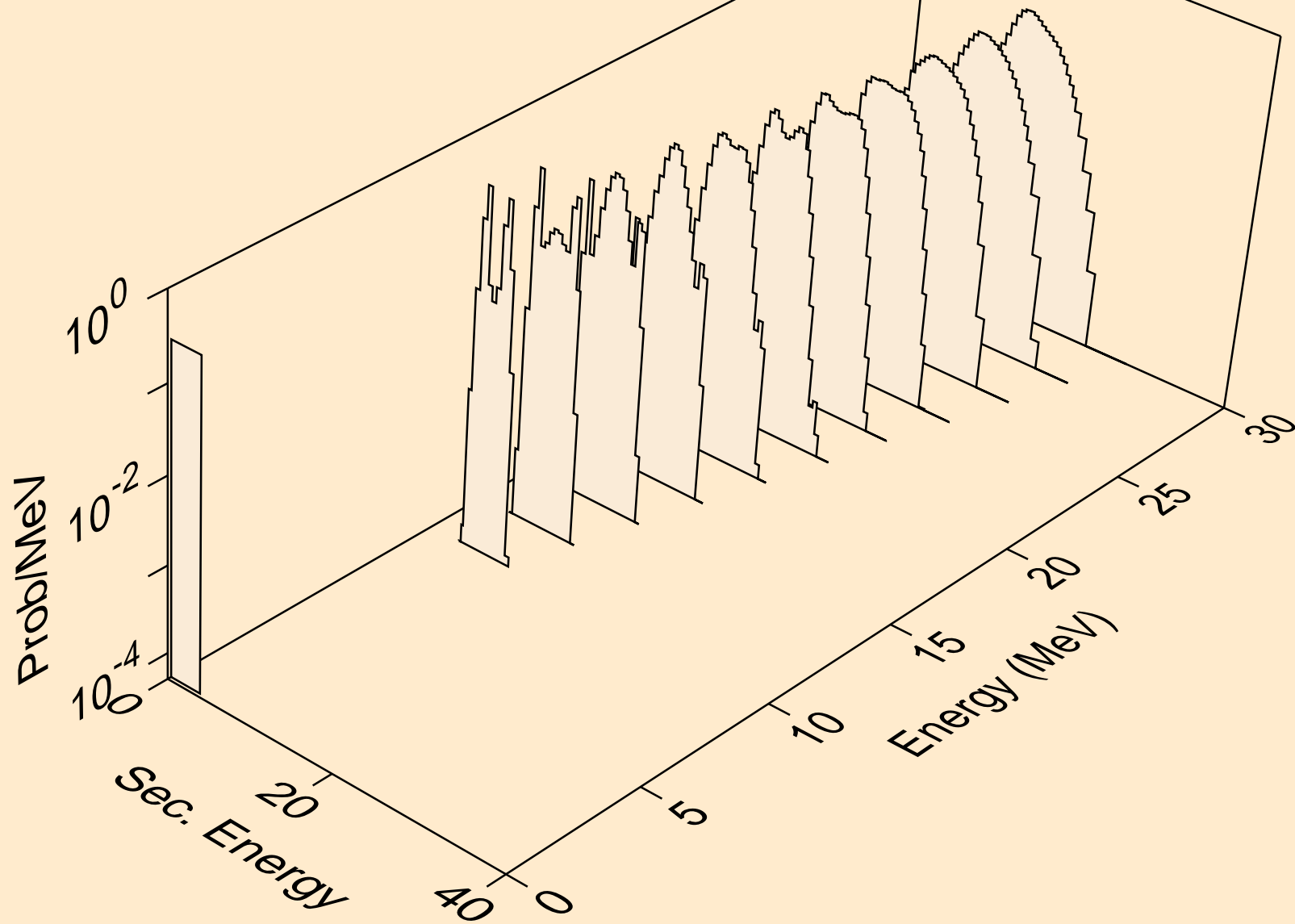
I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



I131 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

