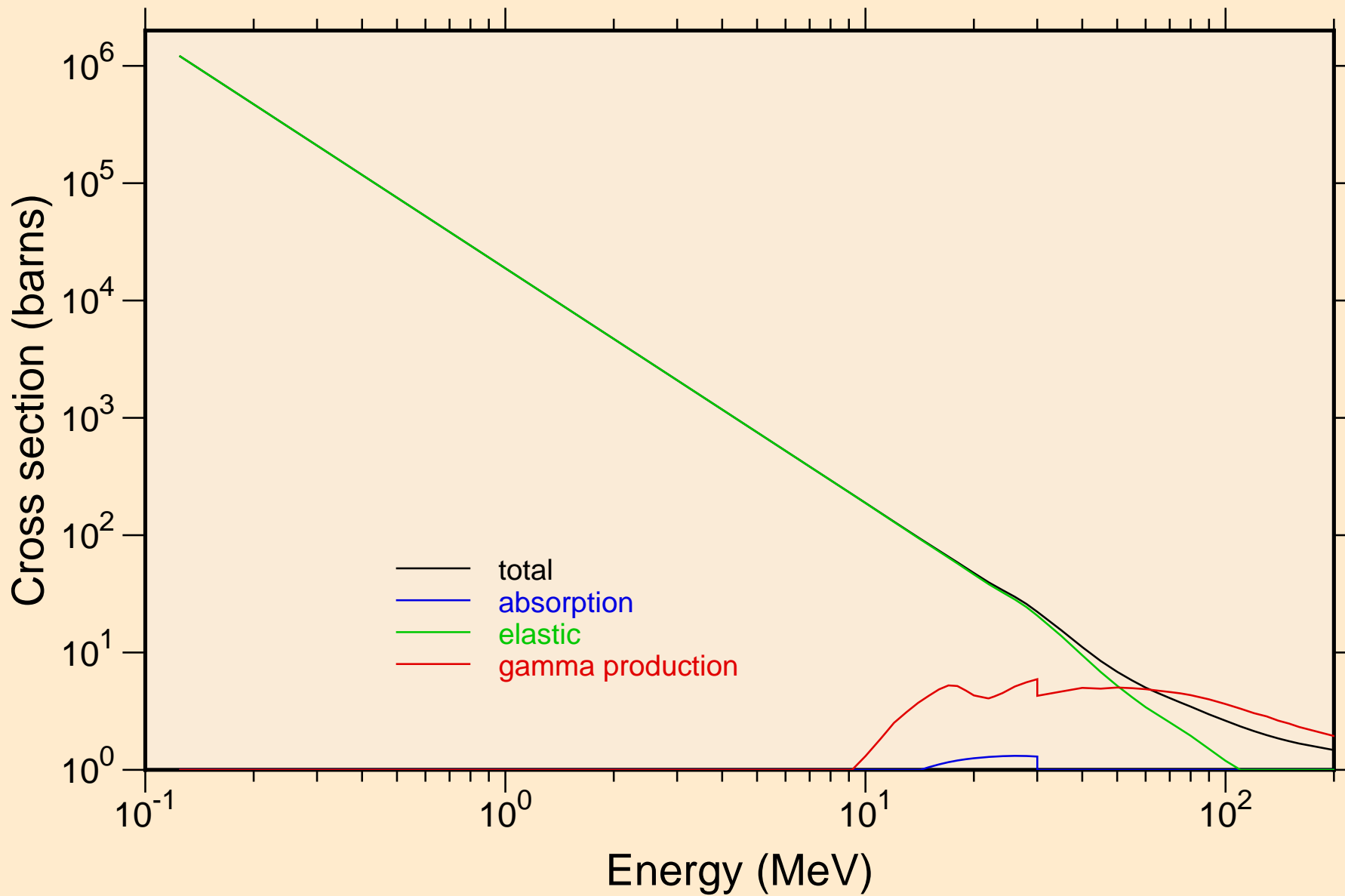


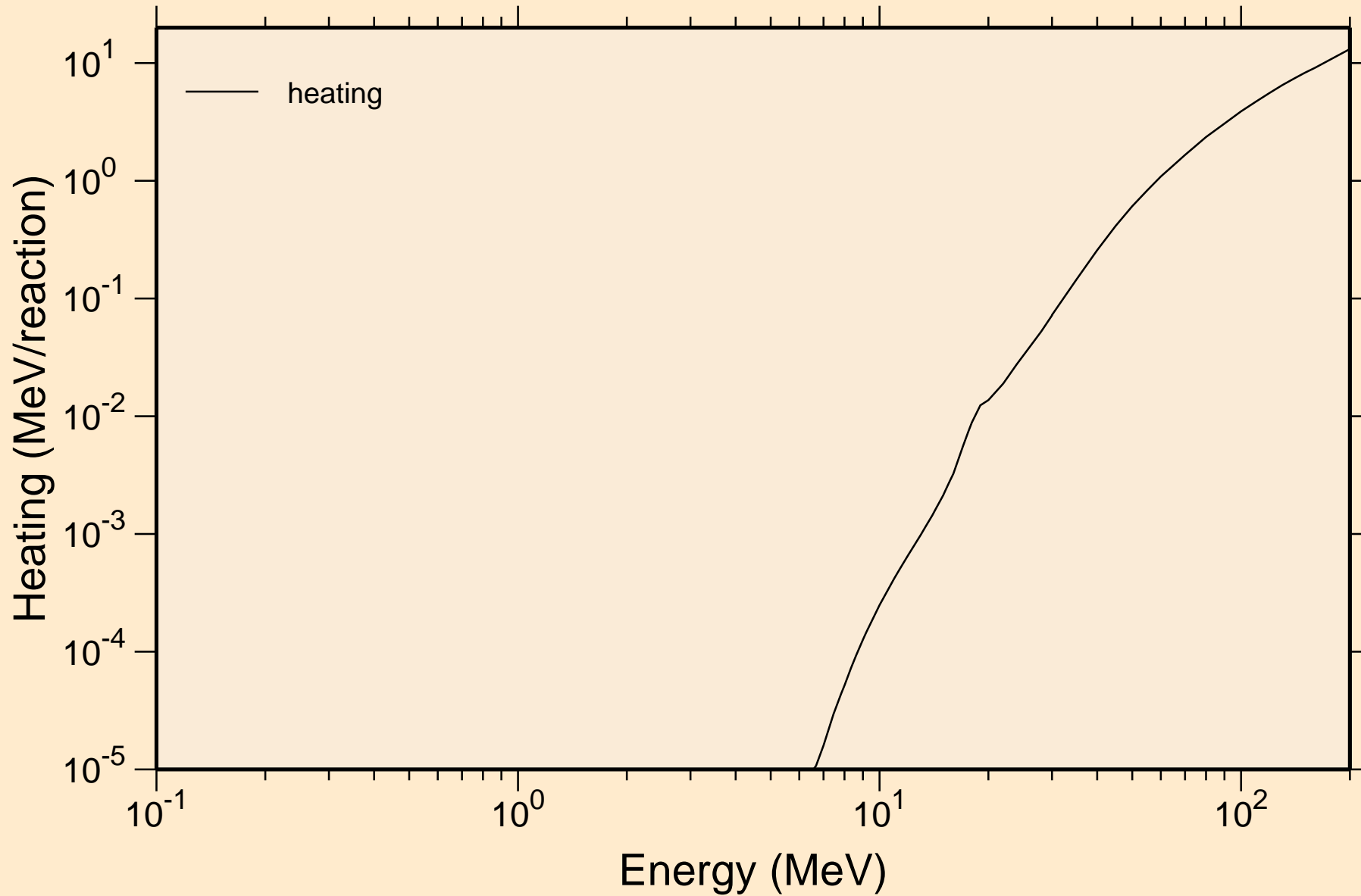
# CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



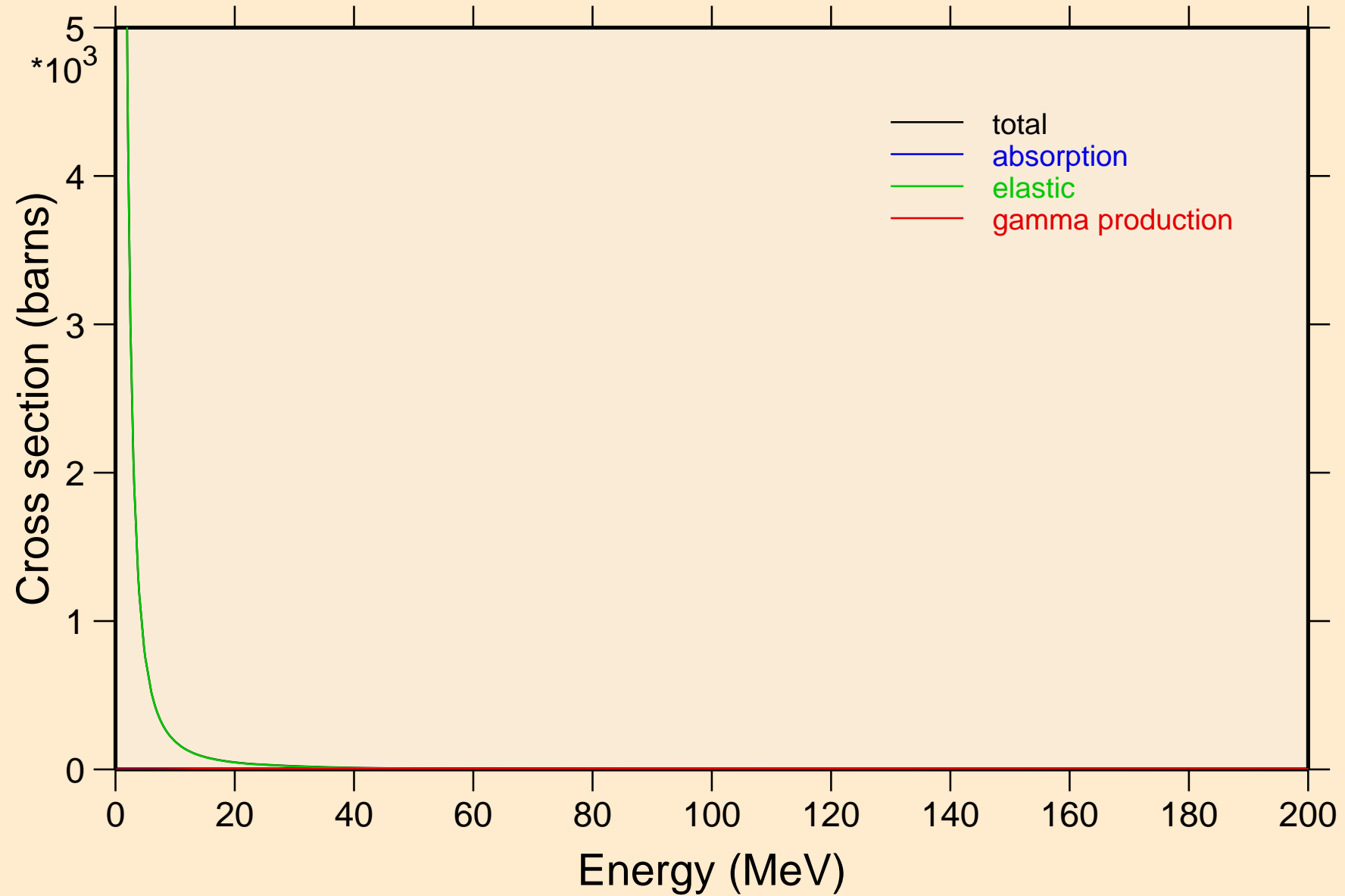
# CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



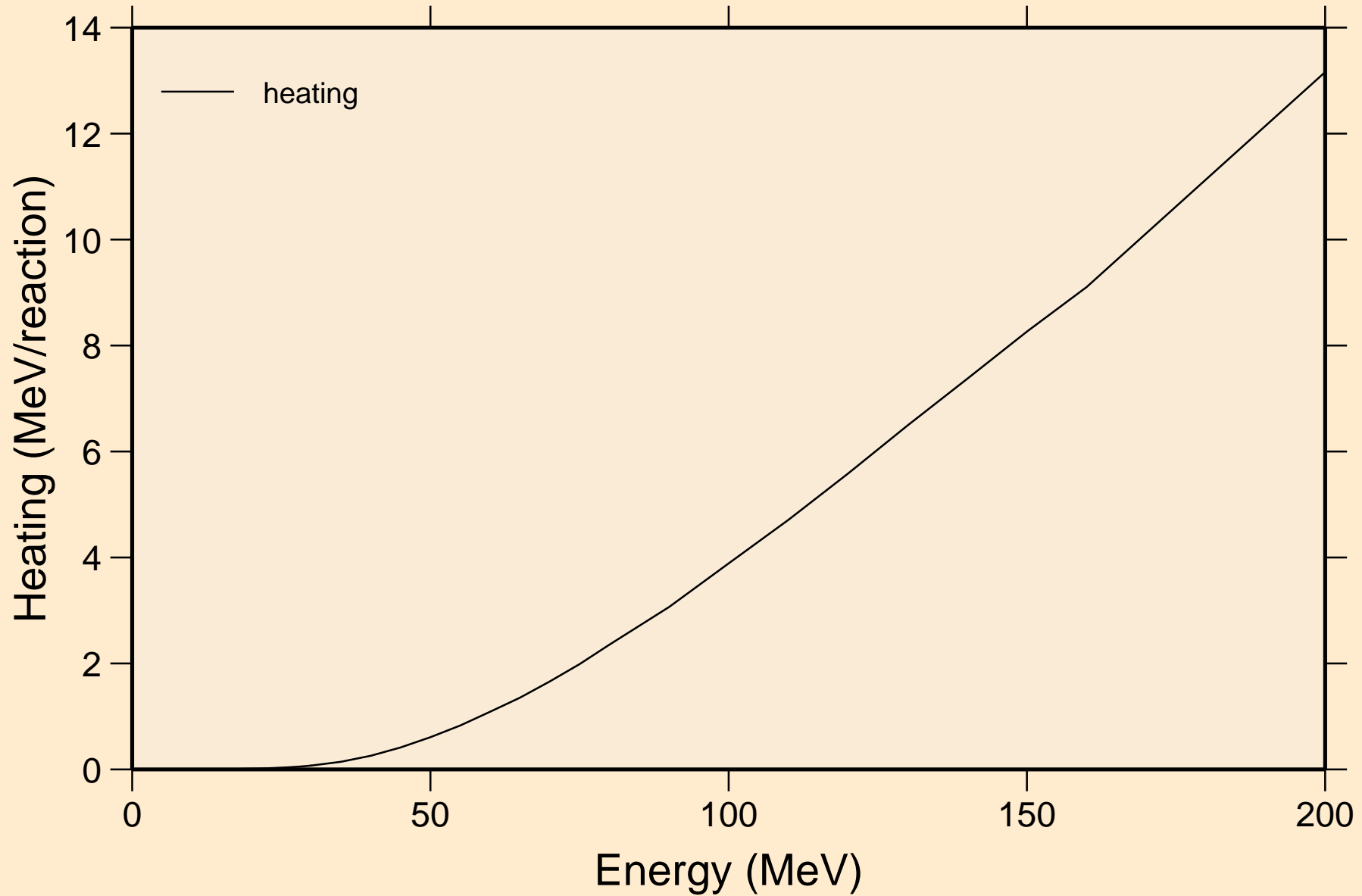
# CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



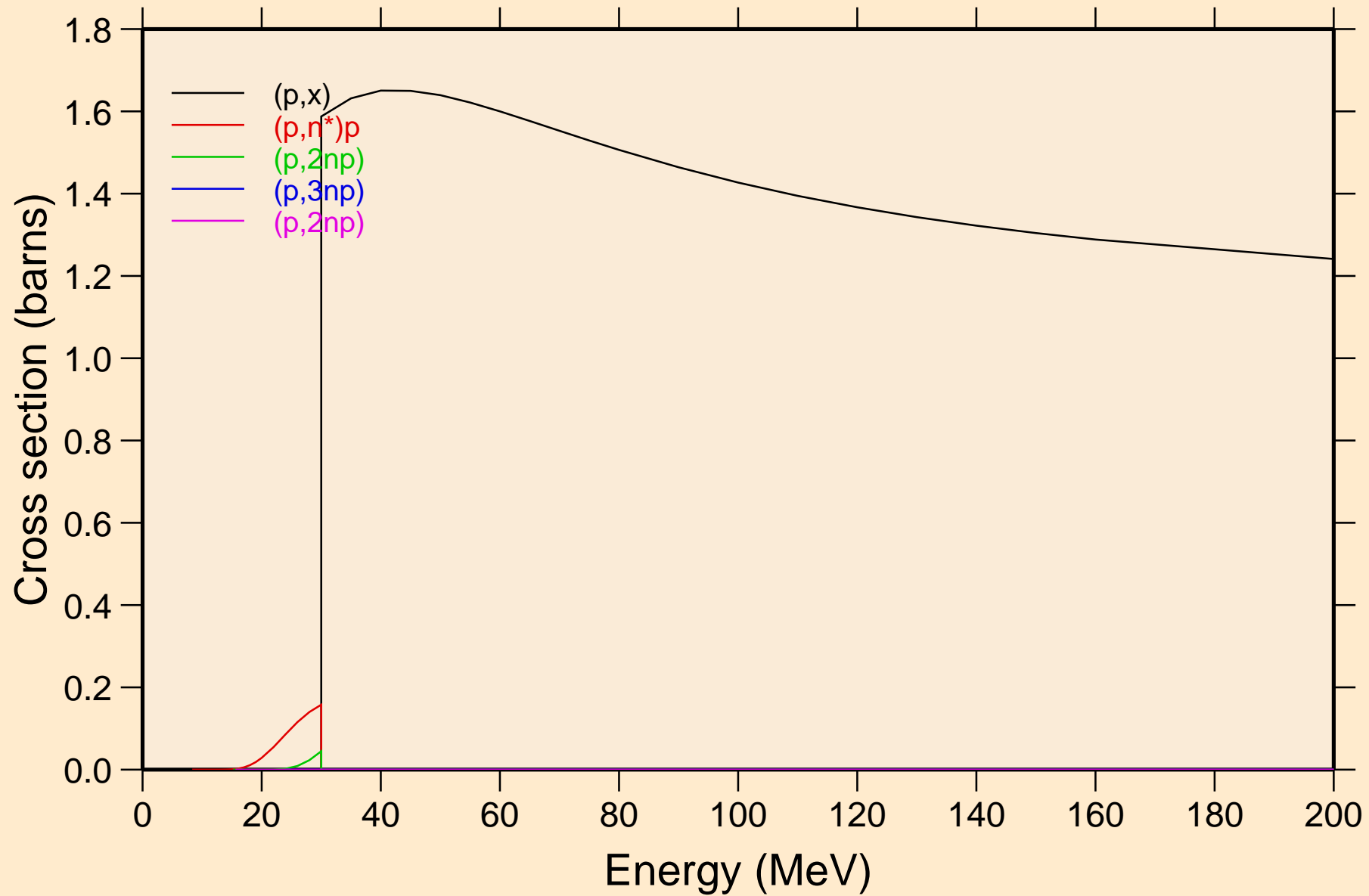
# CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



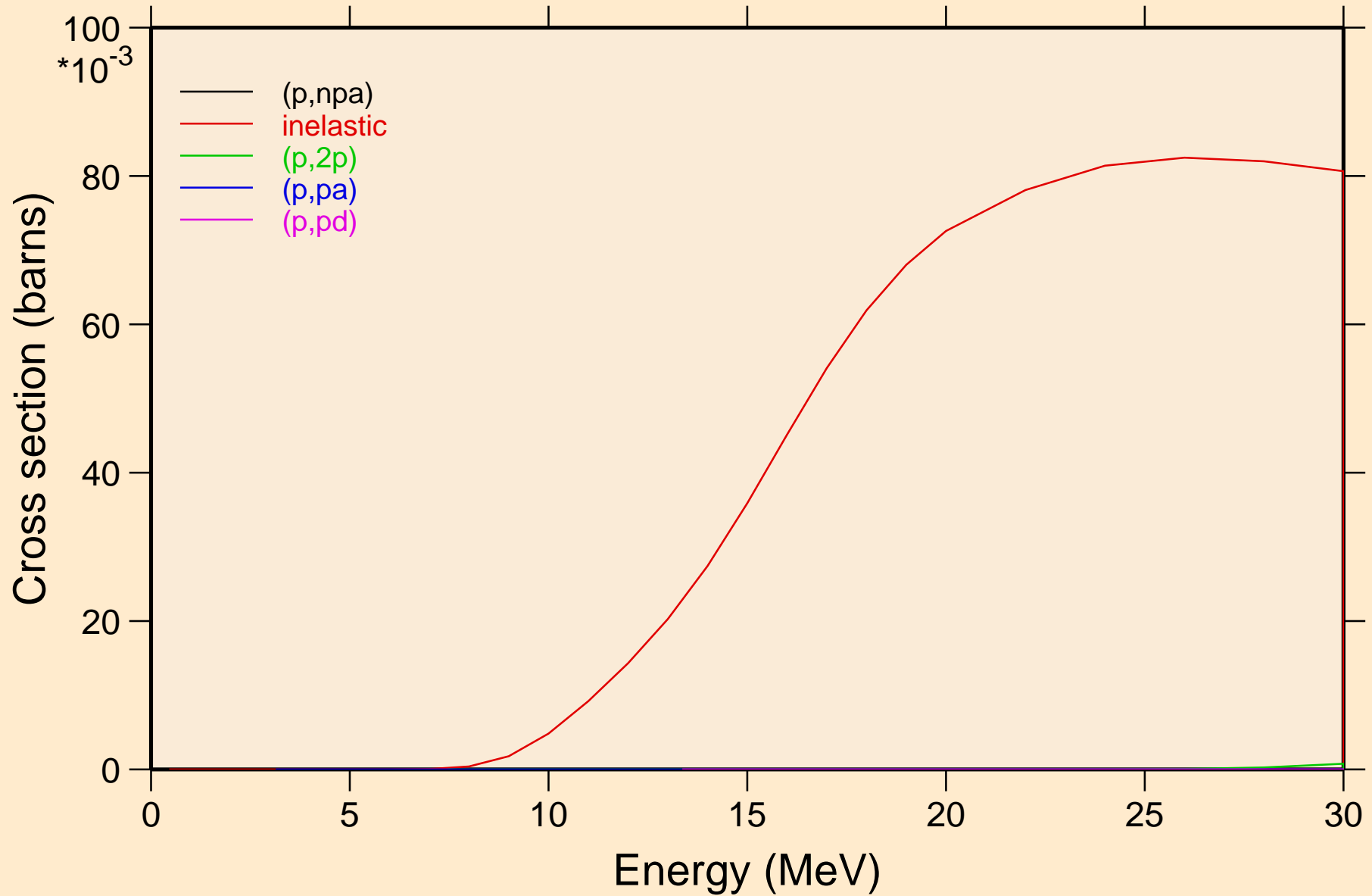
# CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



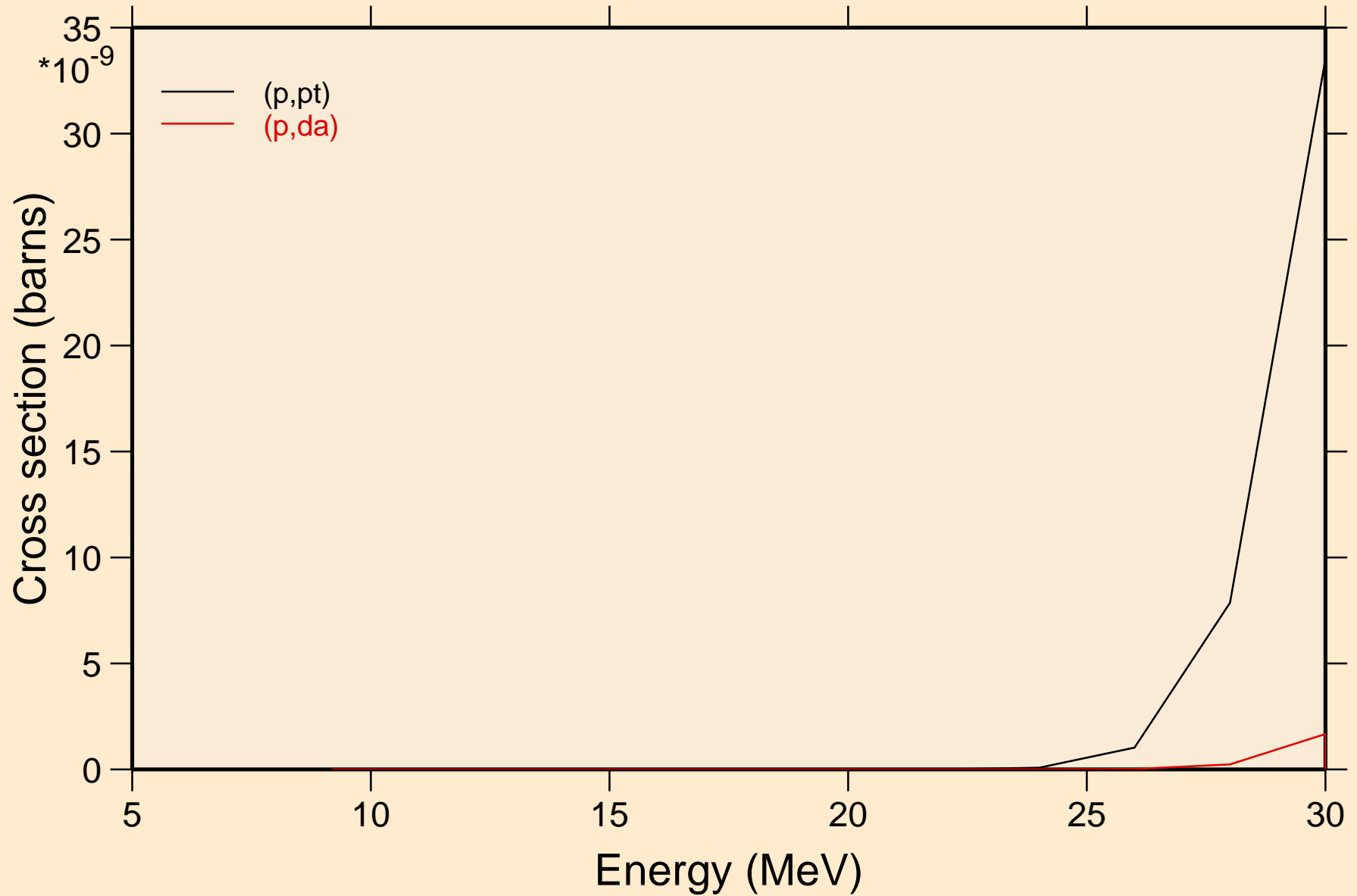
# CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

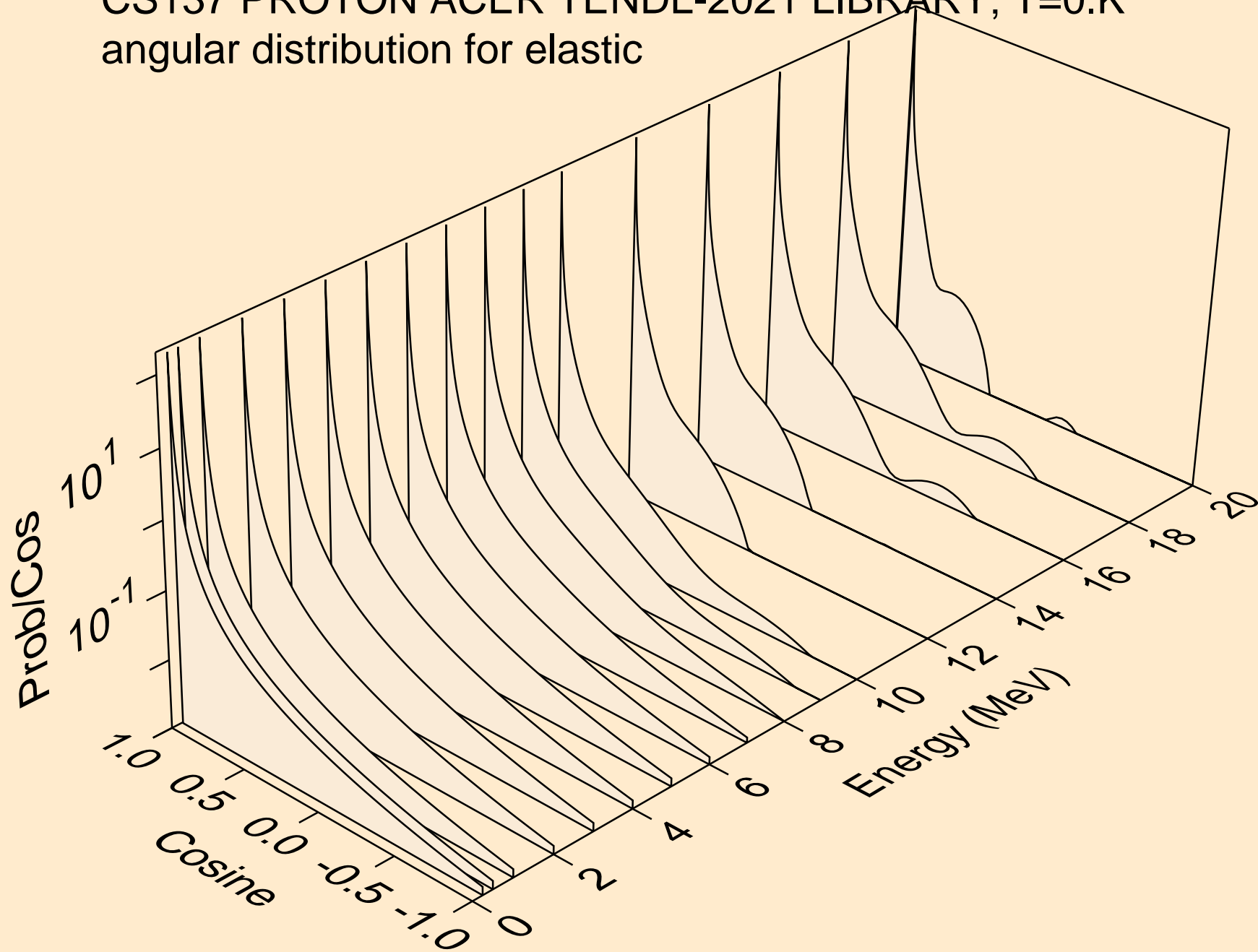


# CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

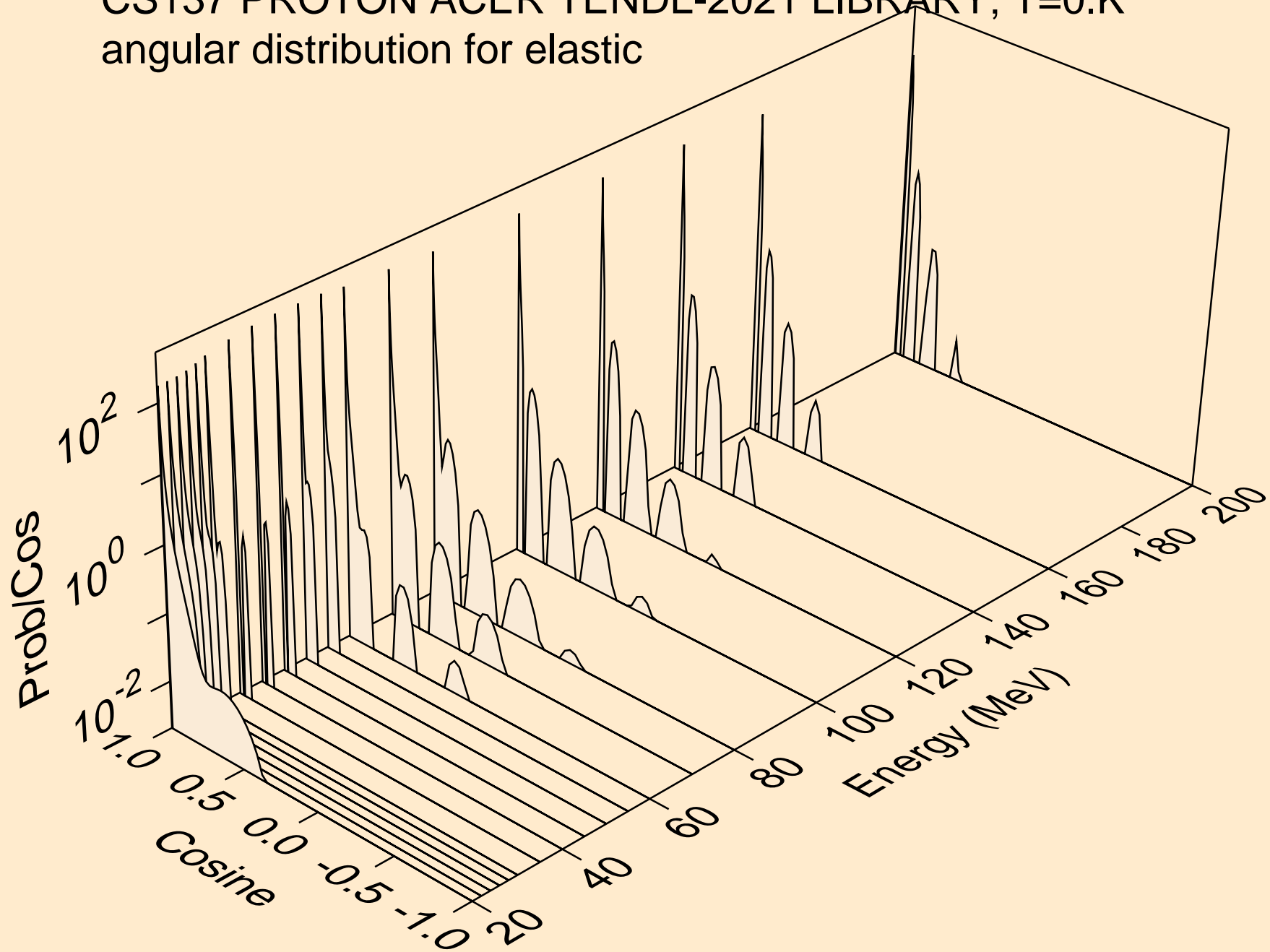


CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

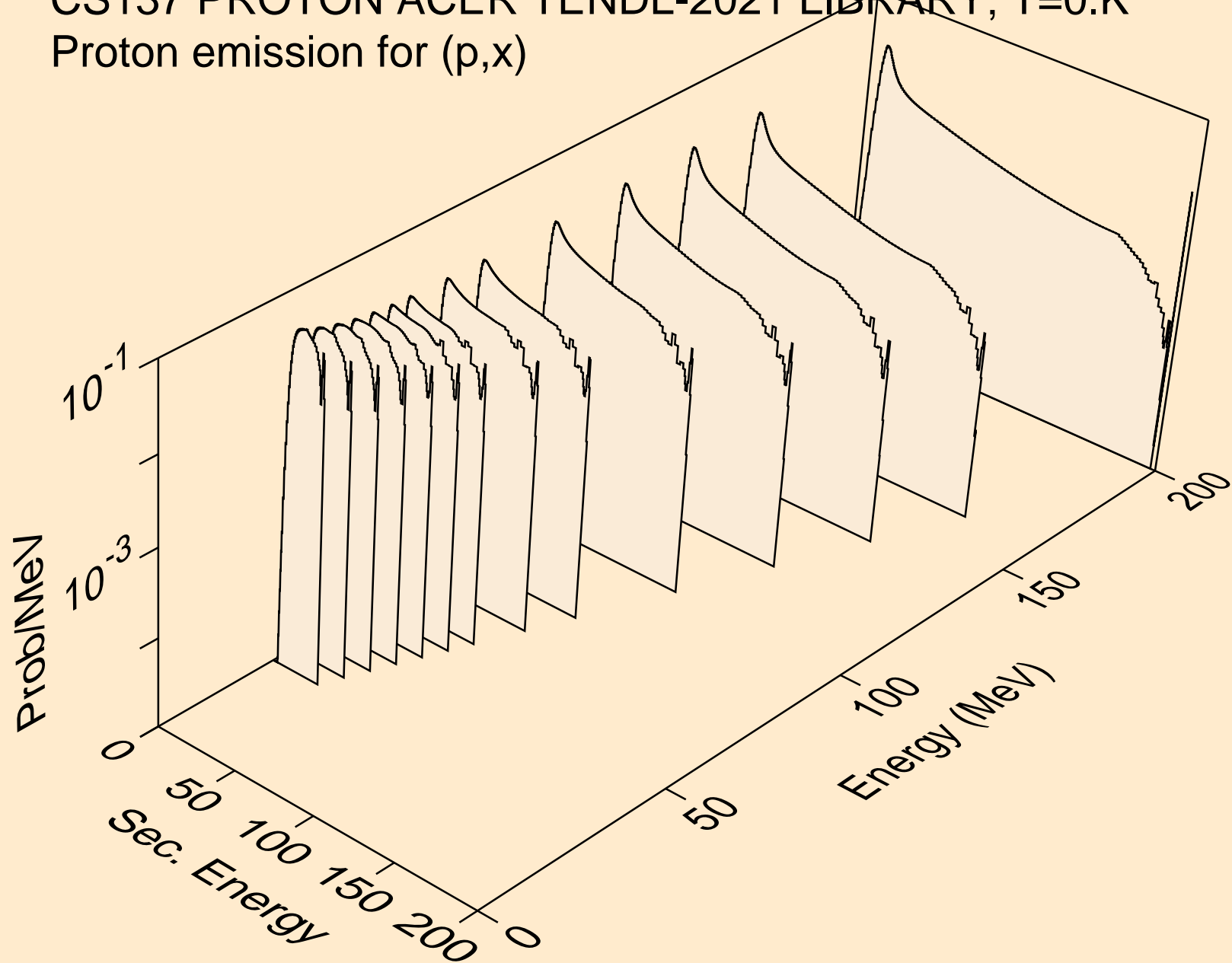




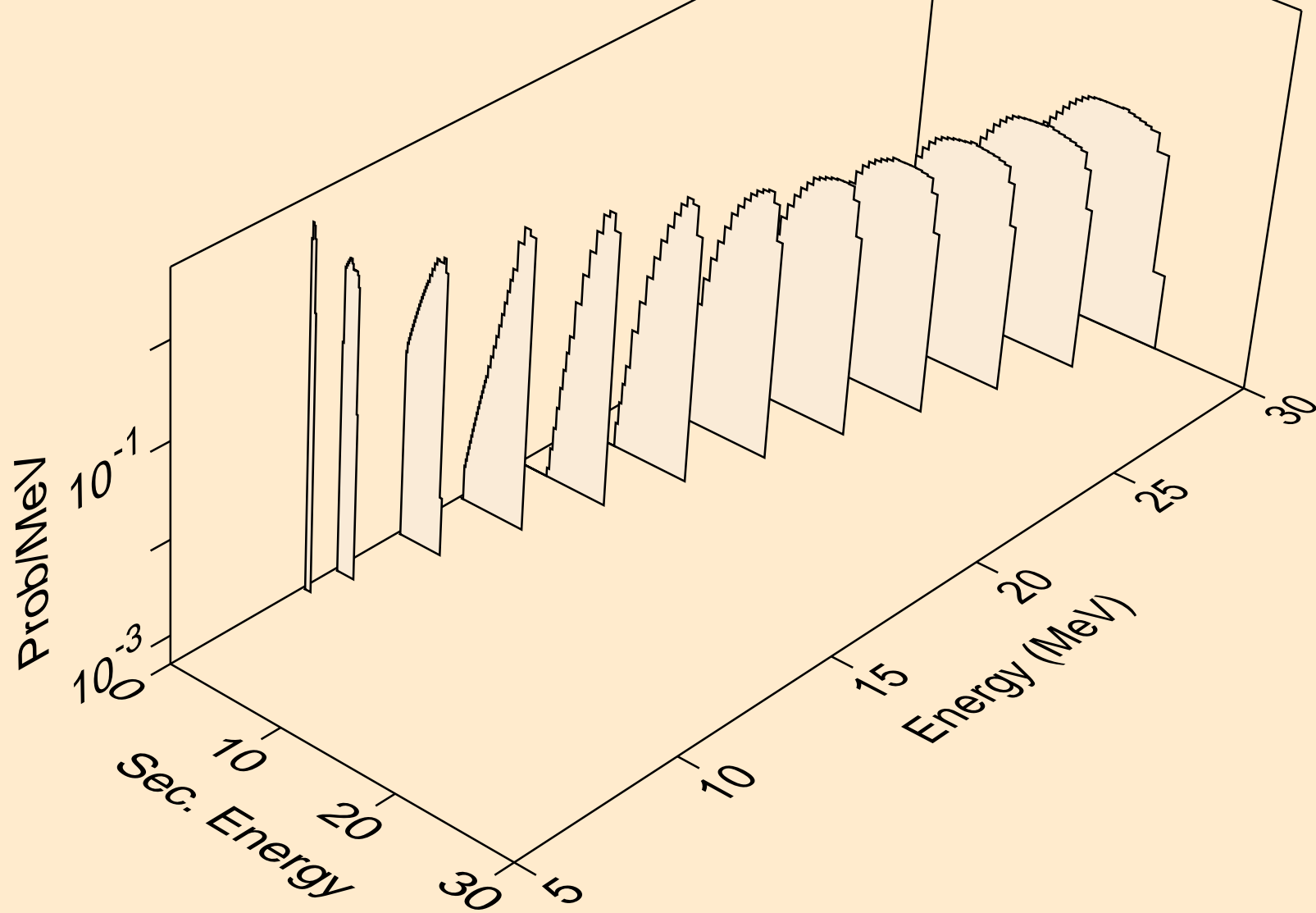
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



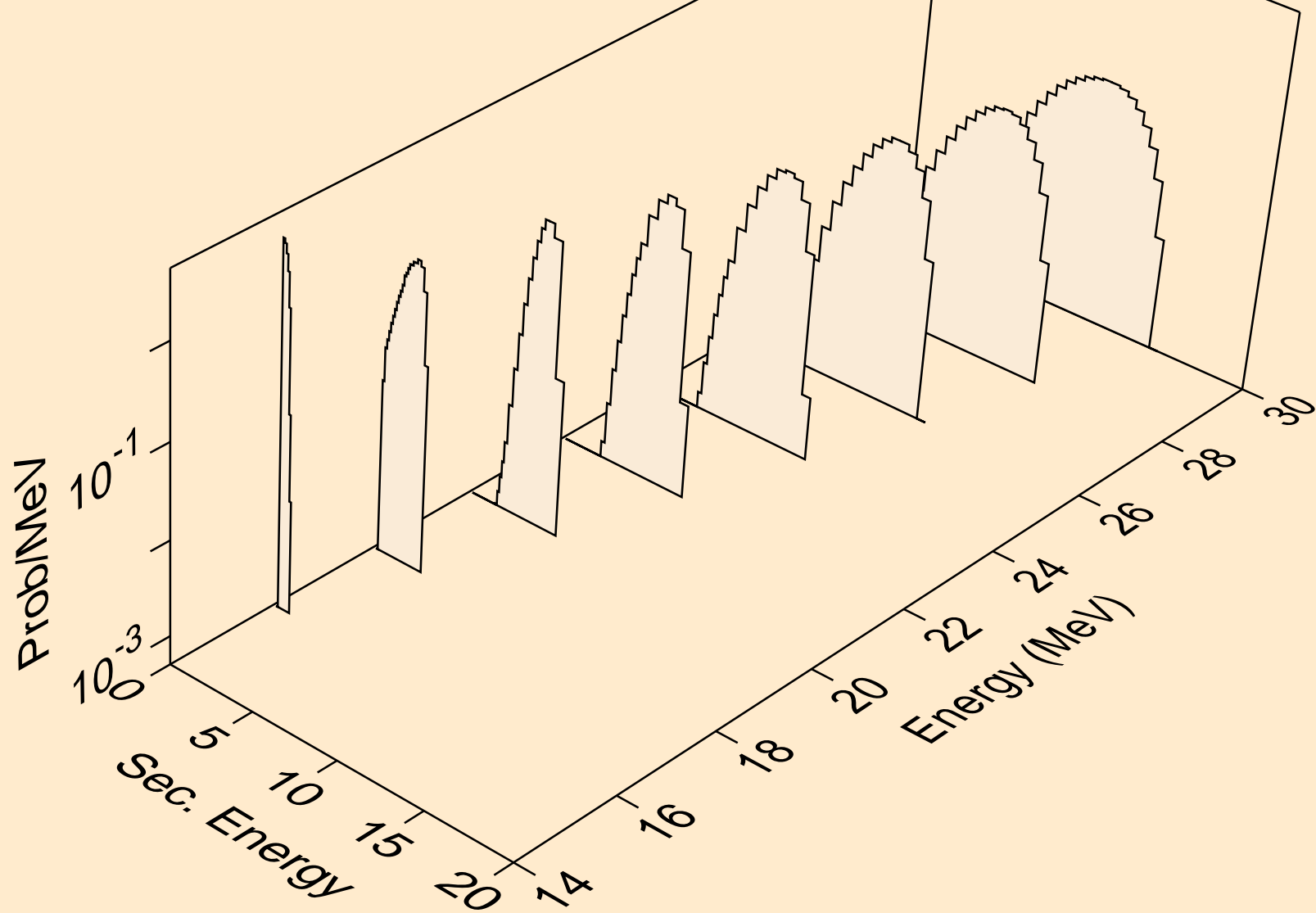
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



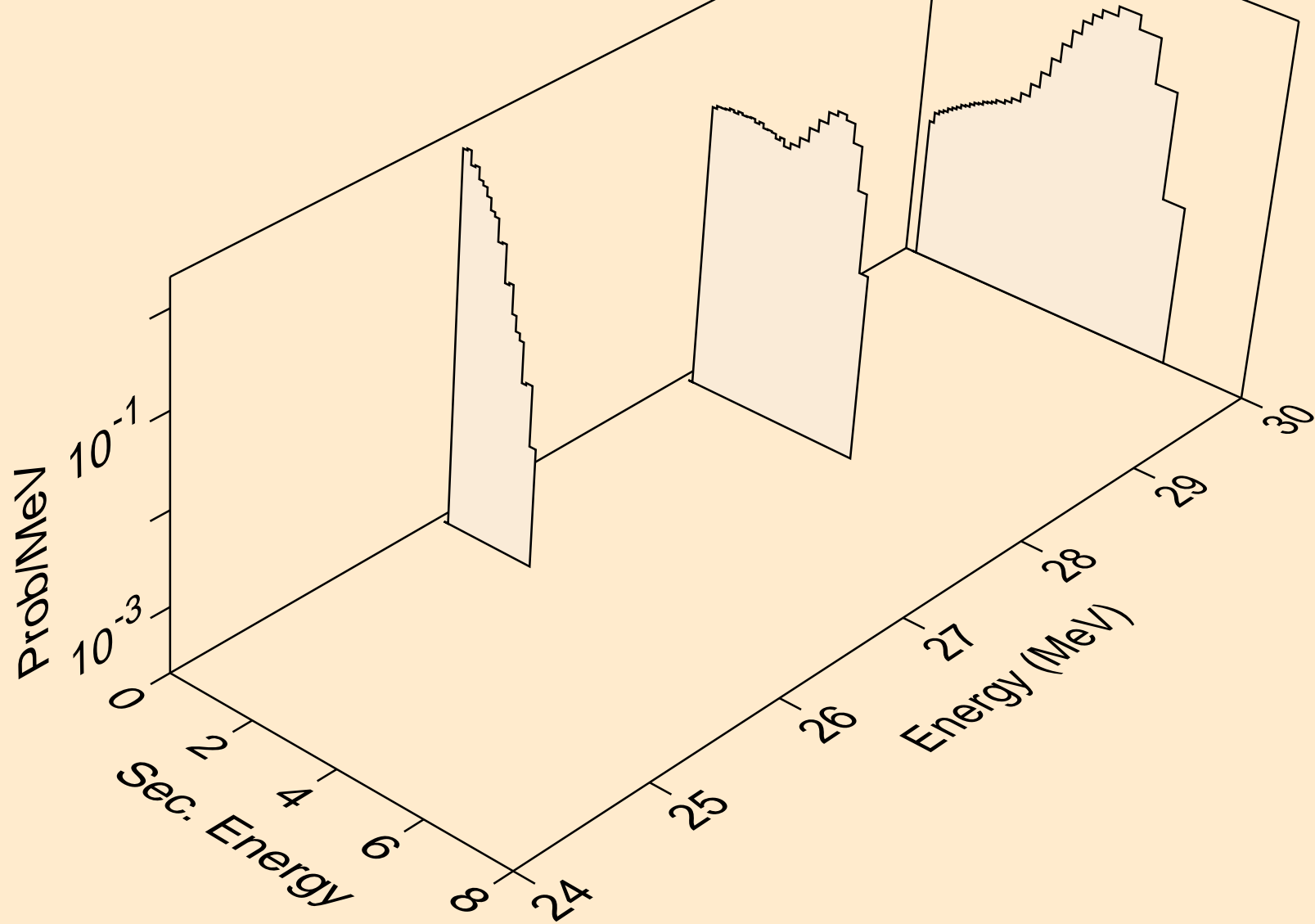
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



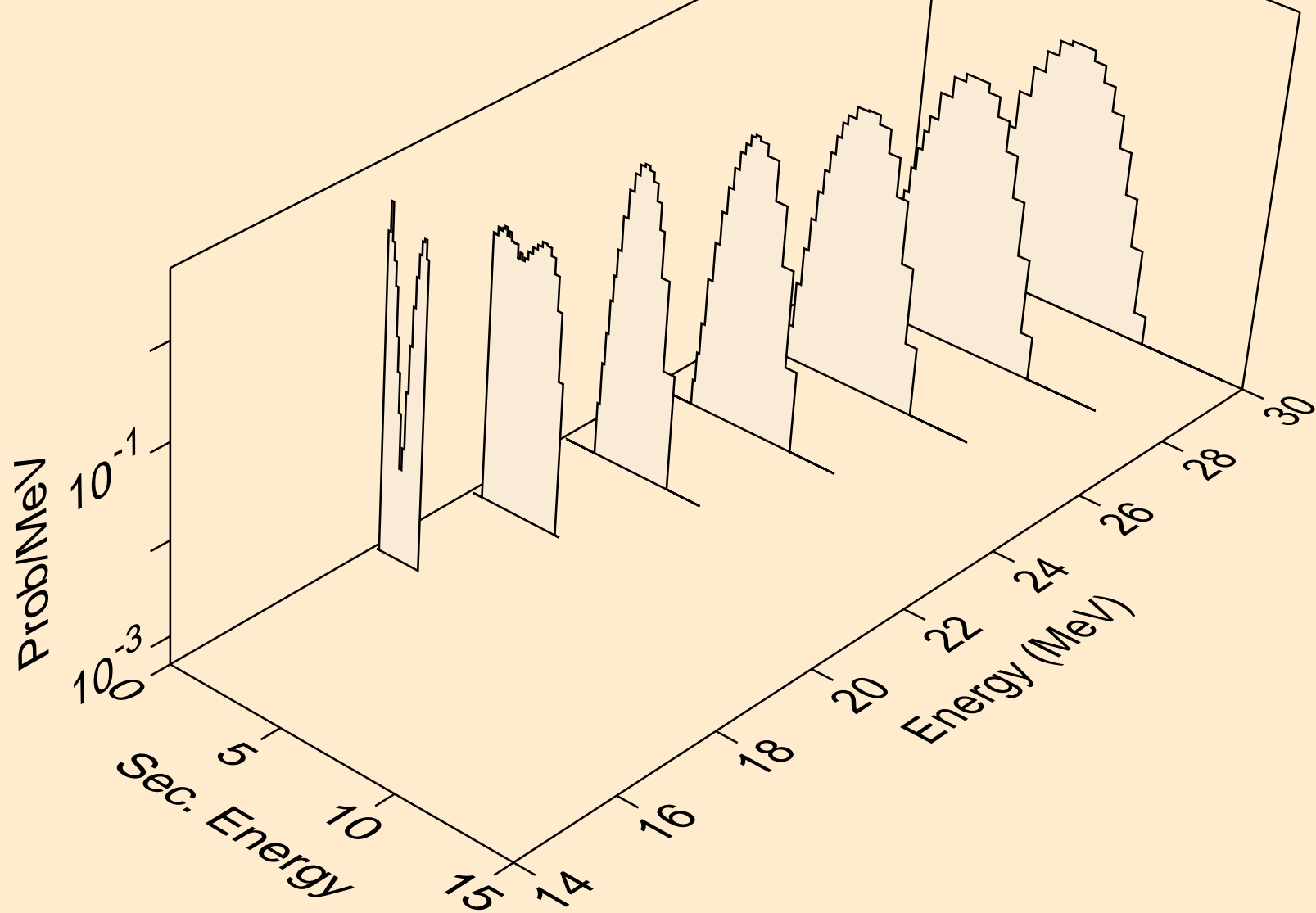
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



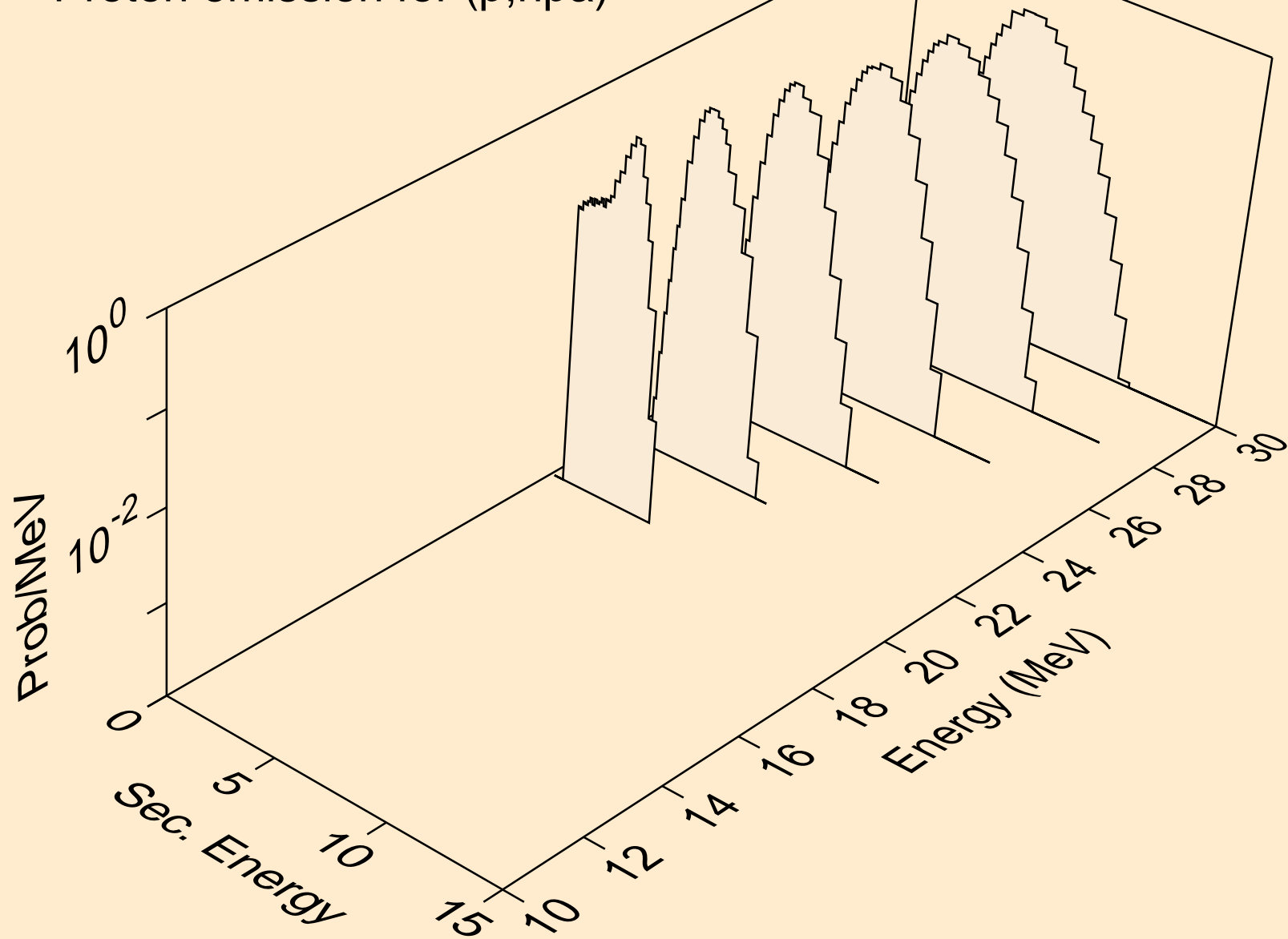
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



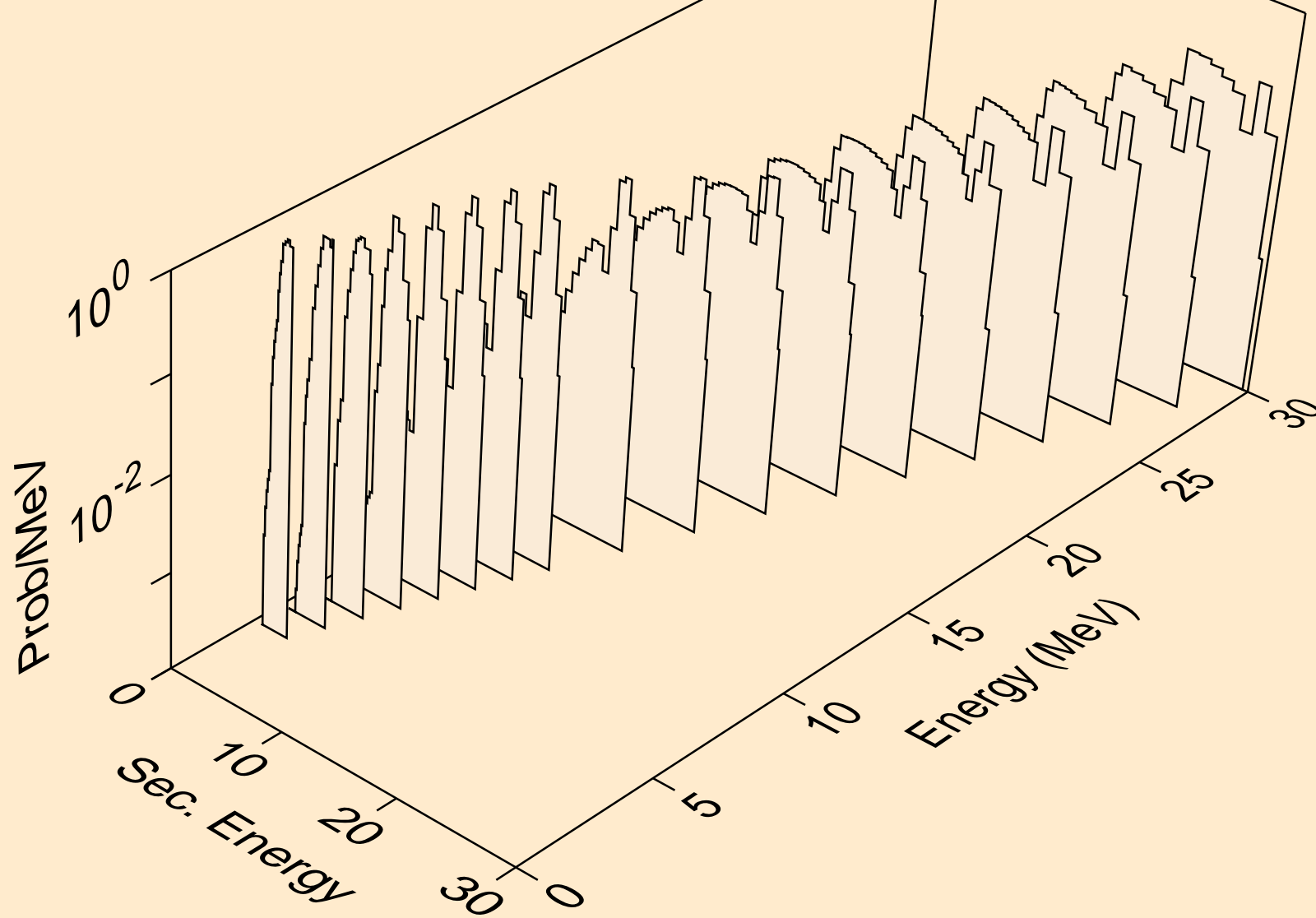
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

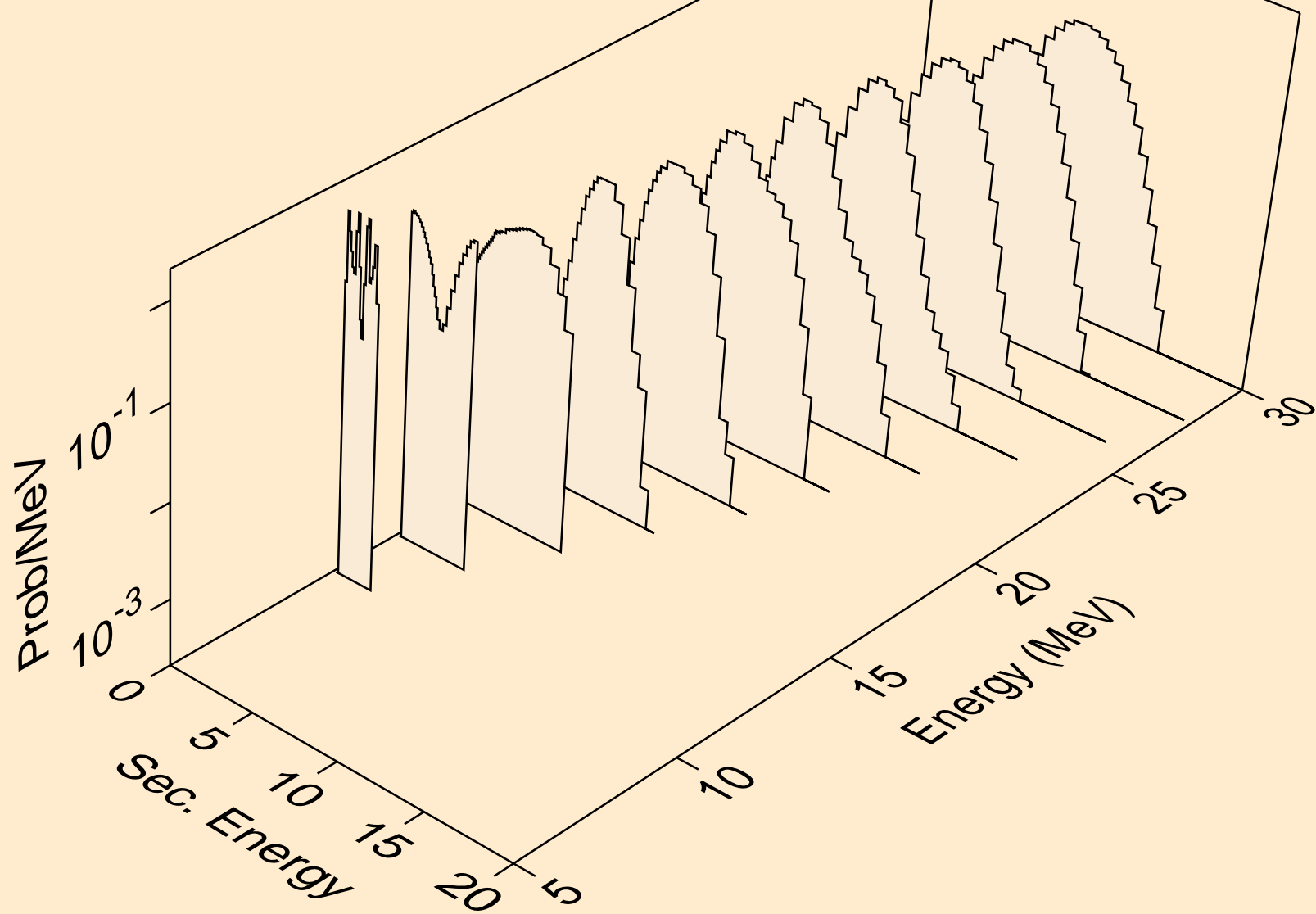


CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

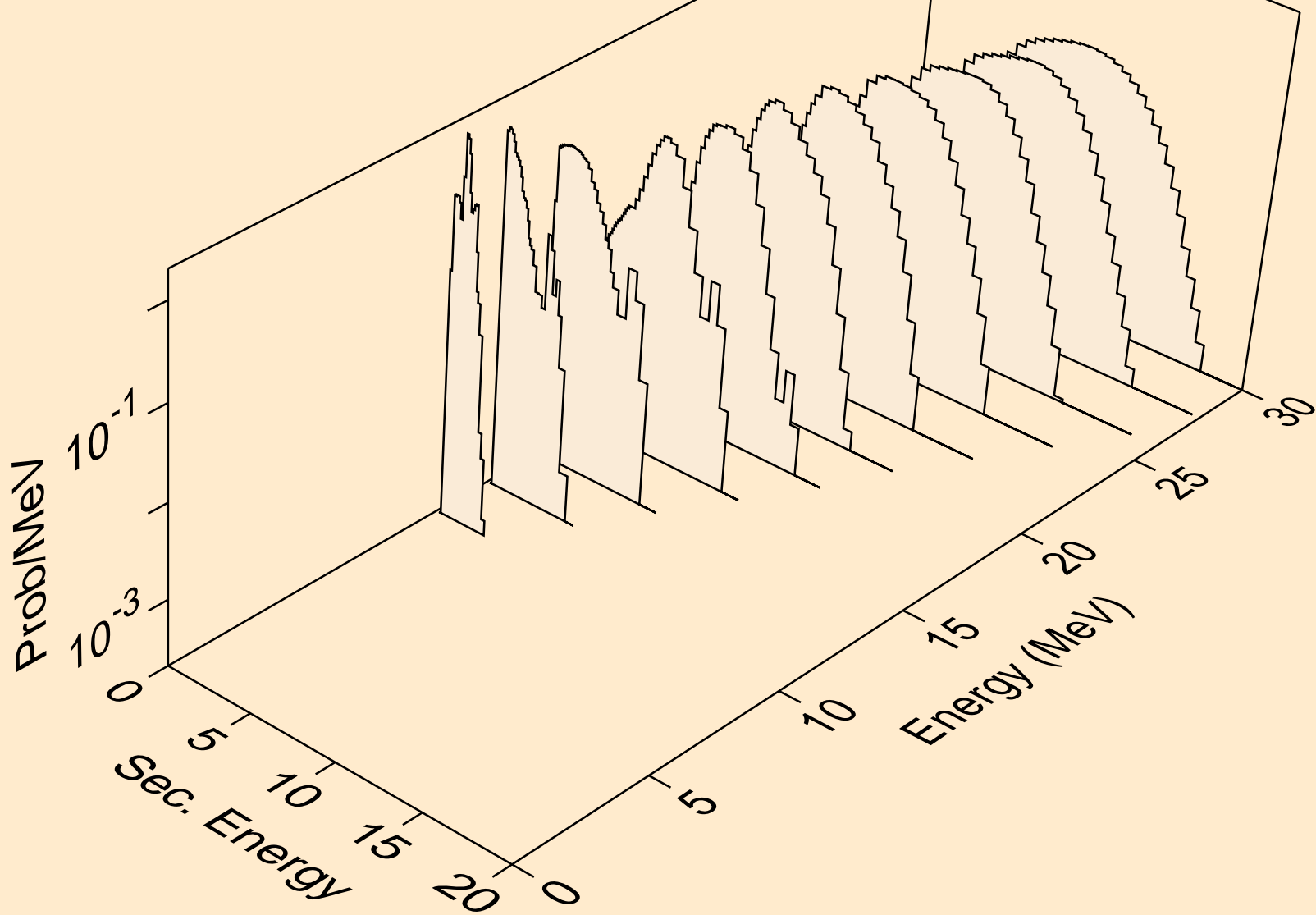




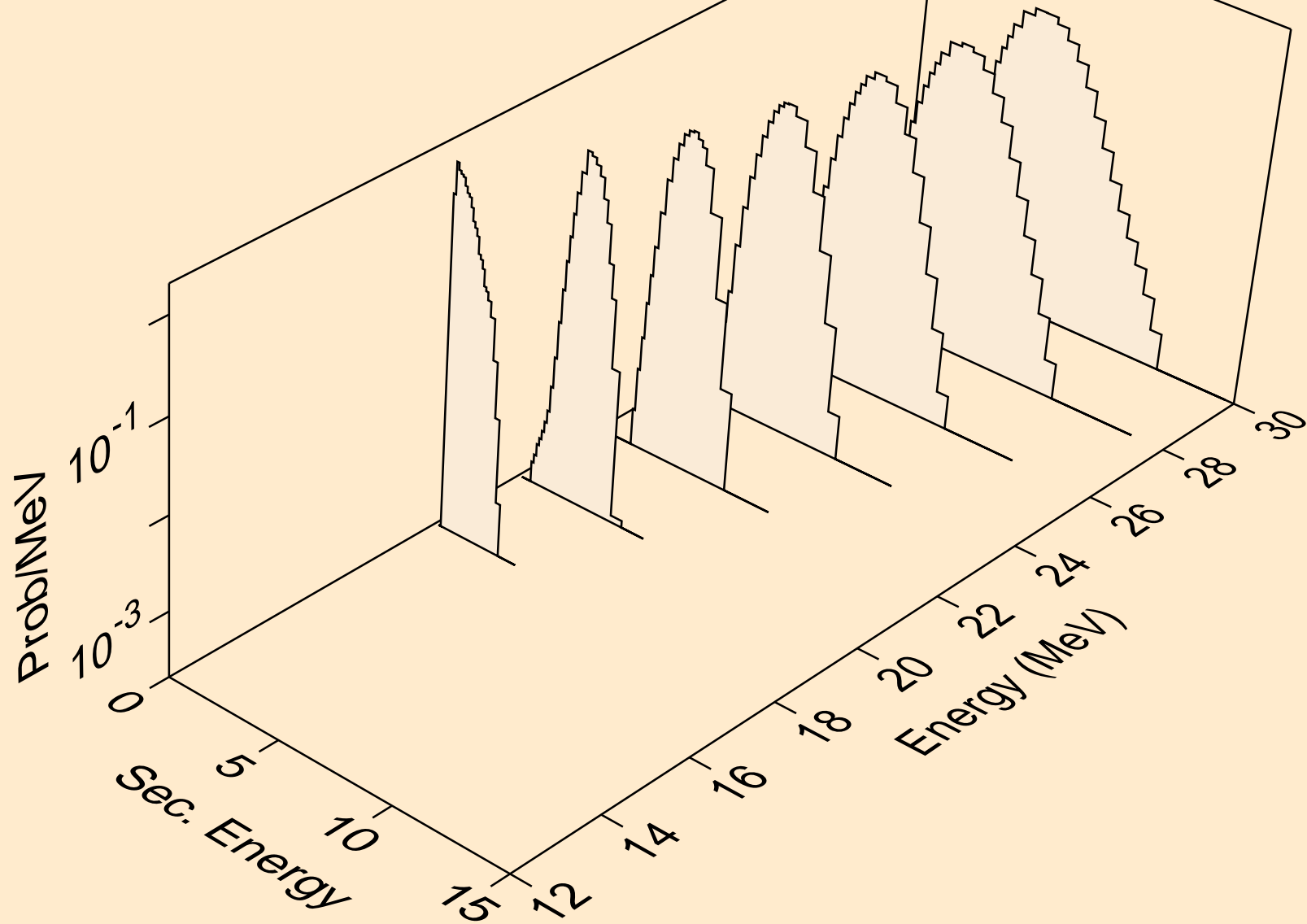
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



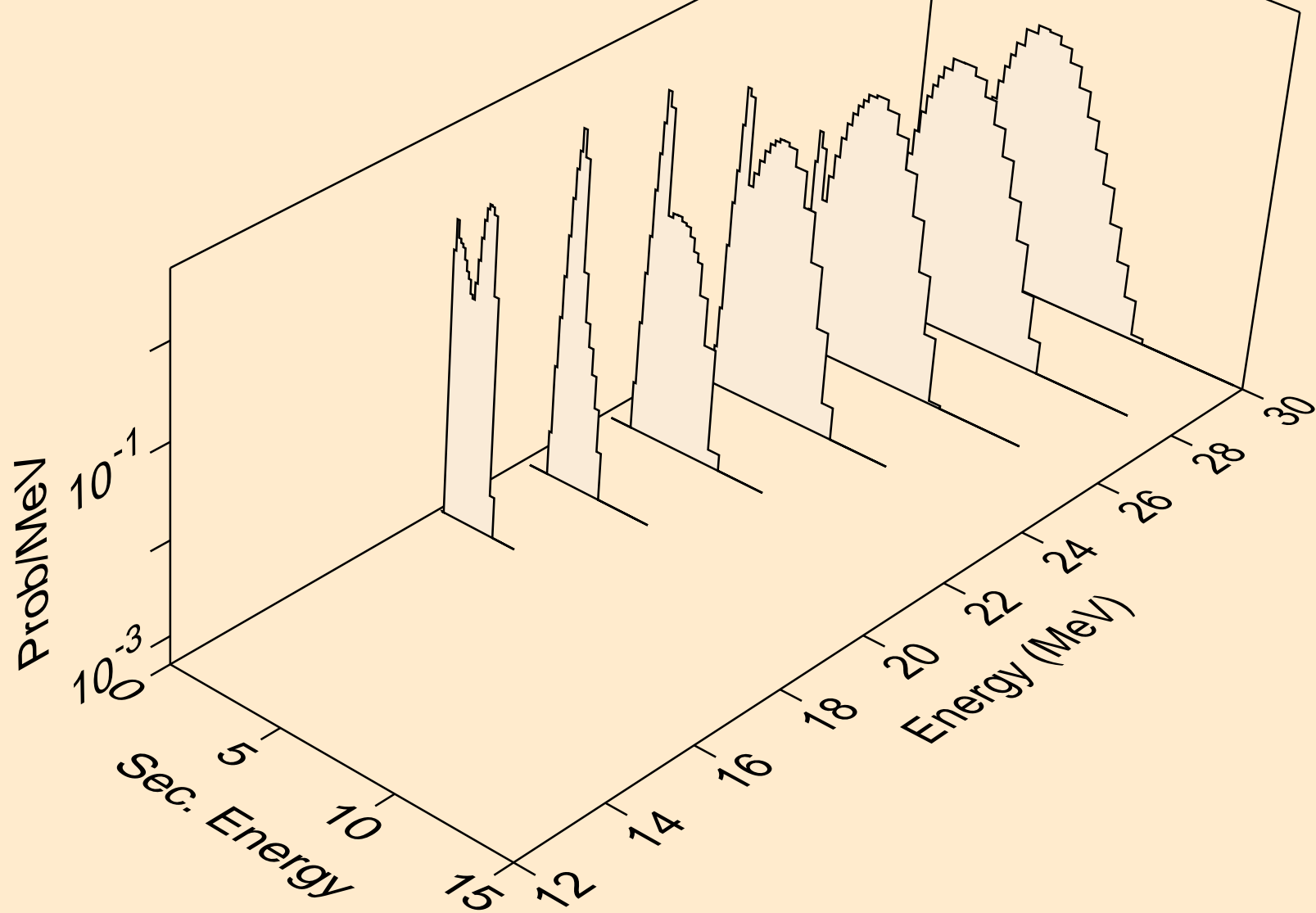
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



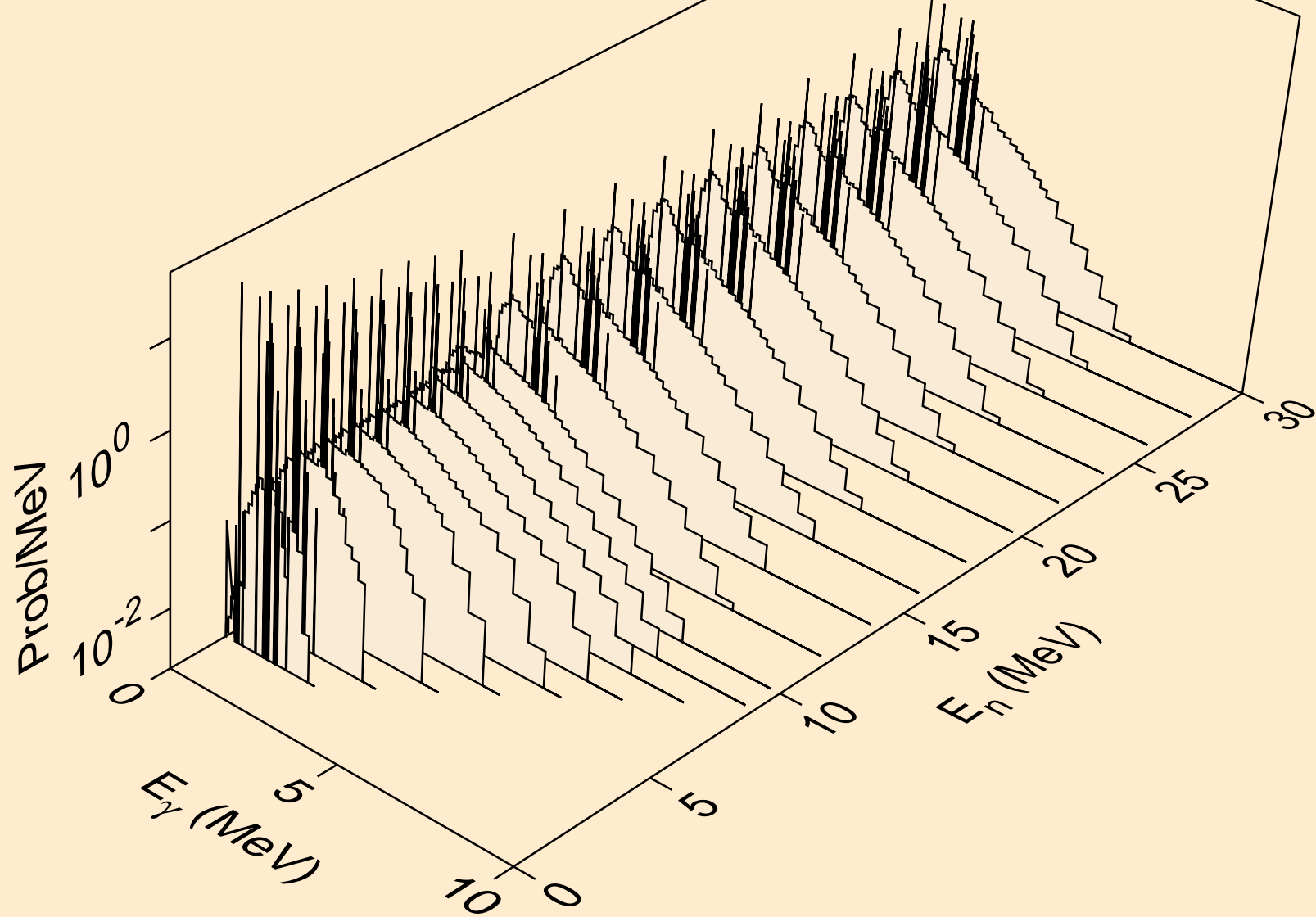
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



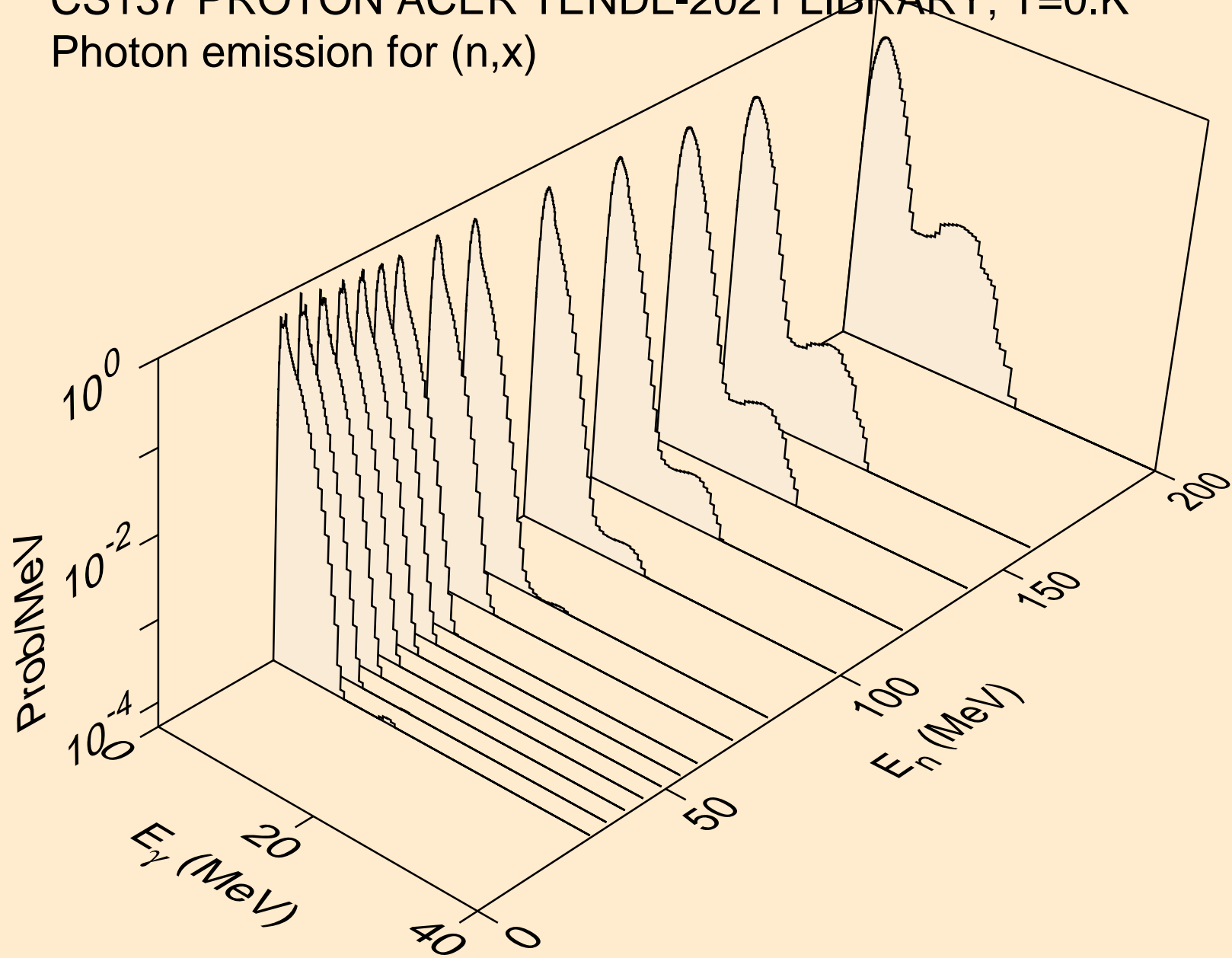
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



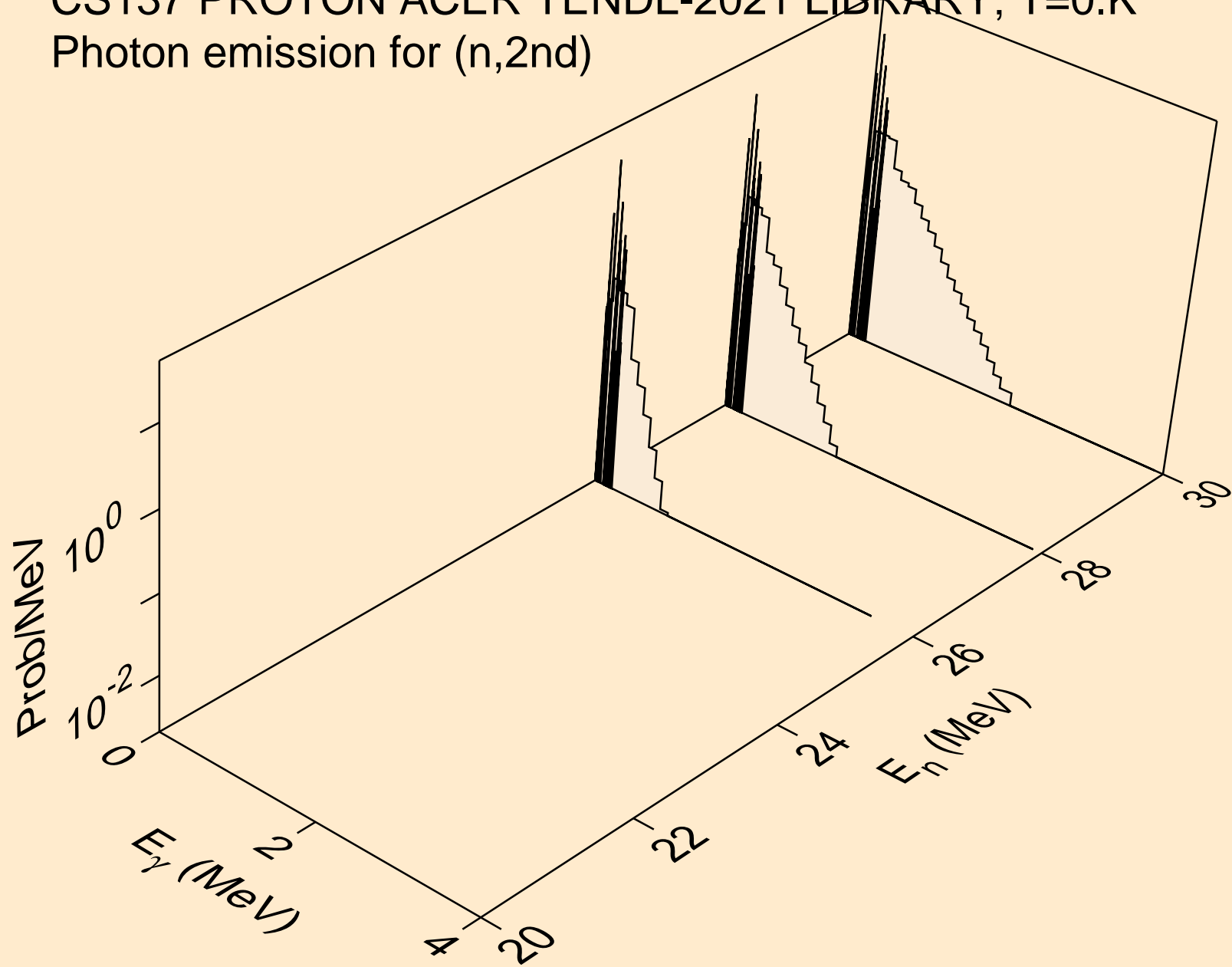
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



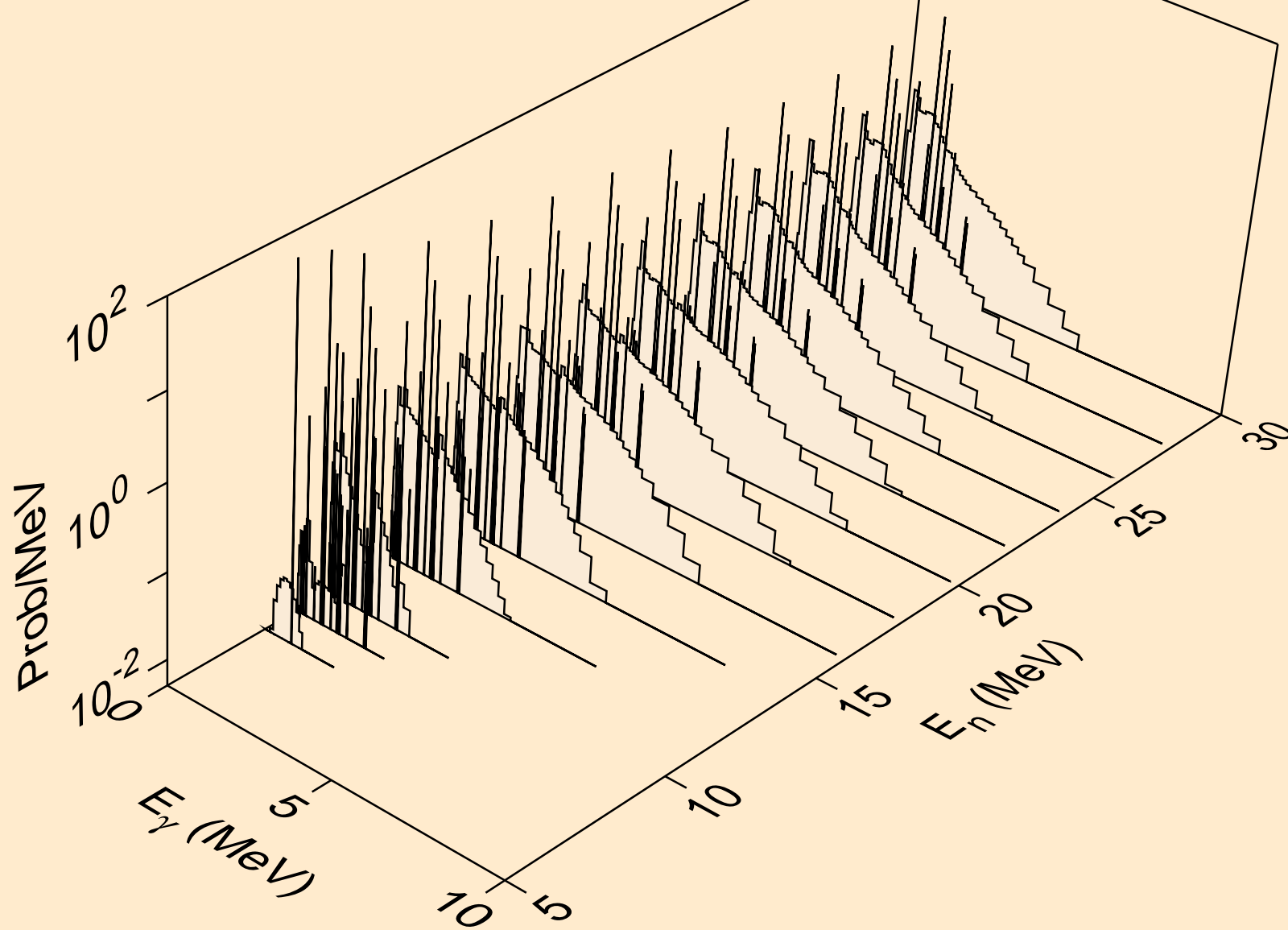
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

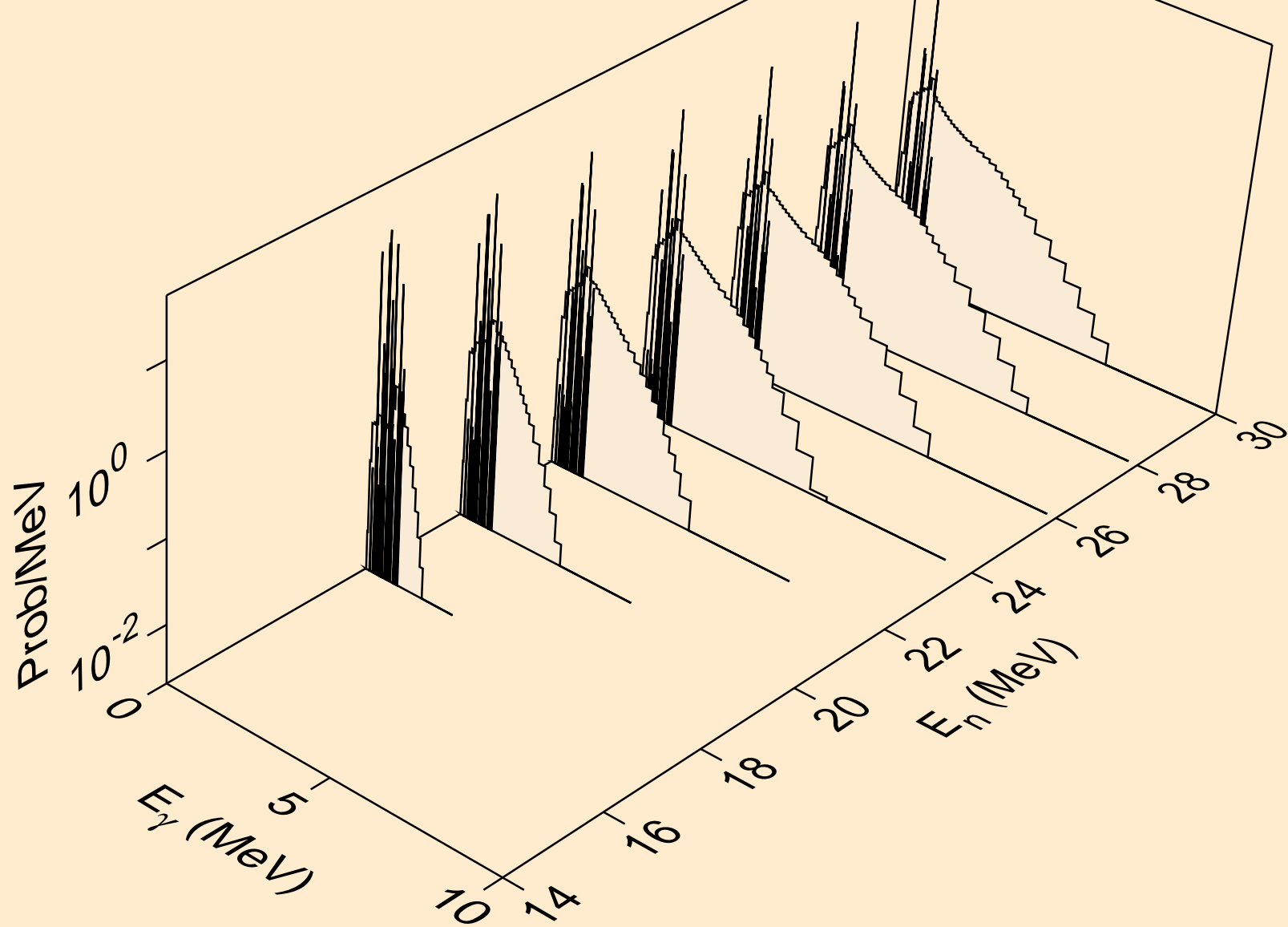


CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

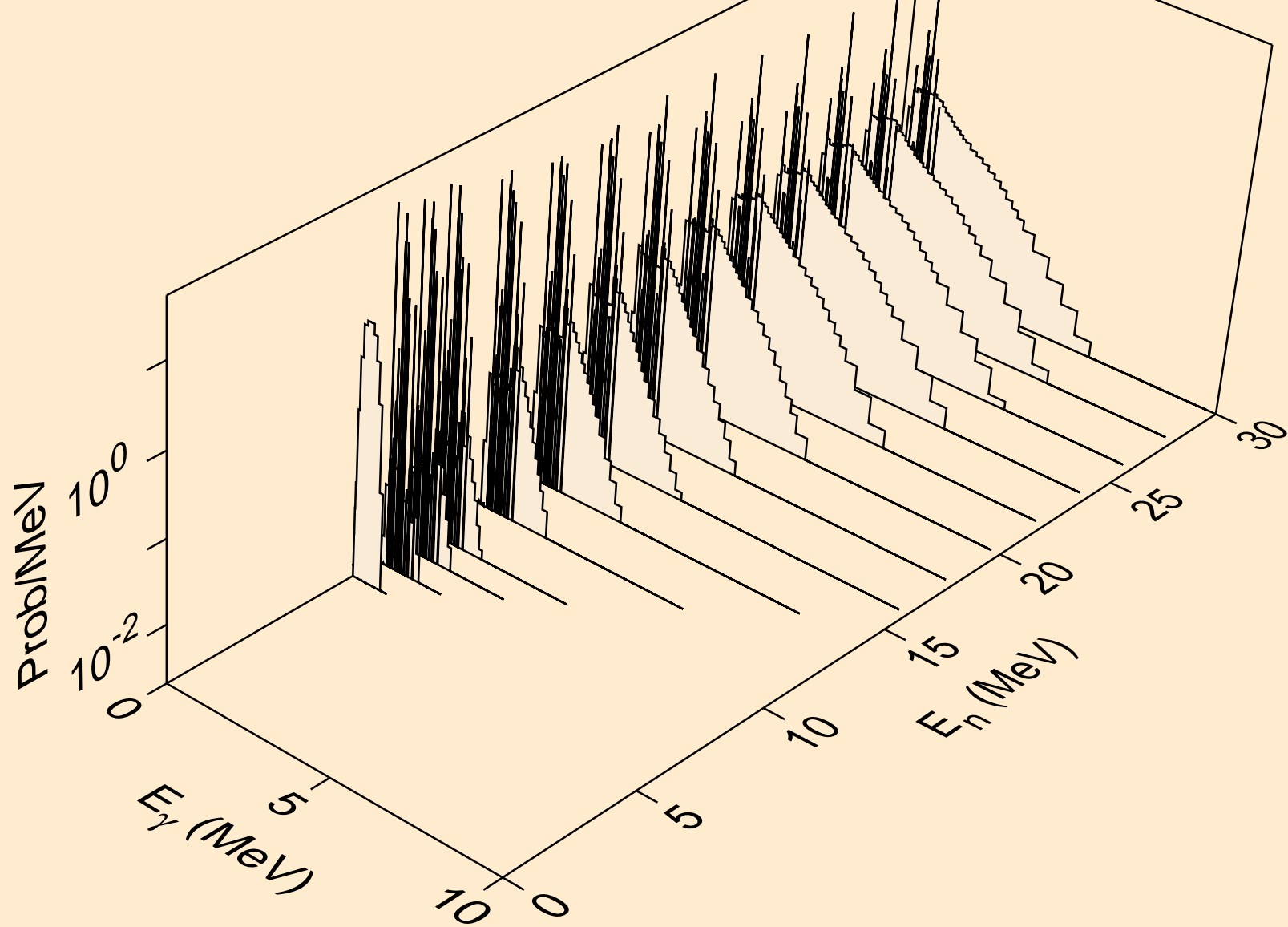




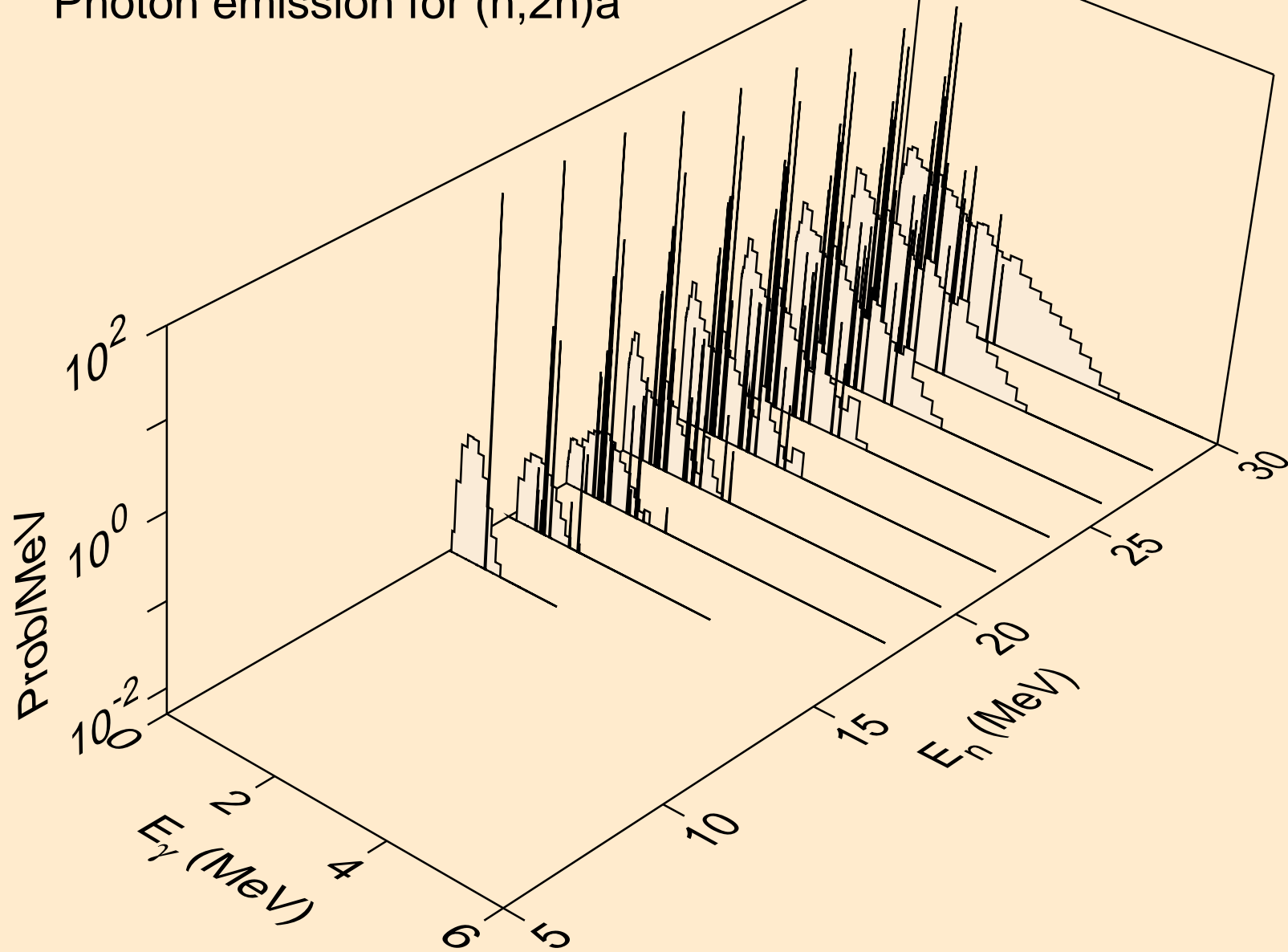
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



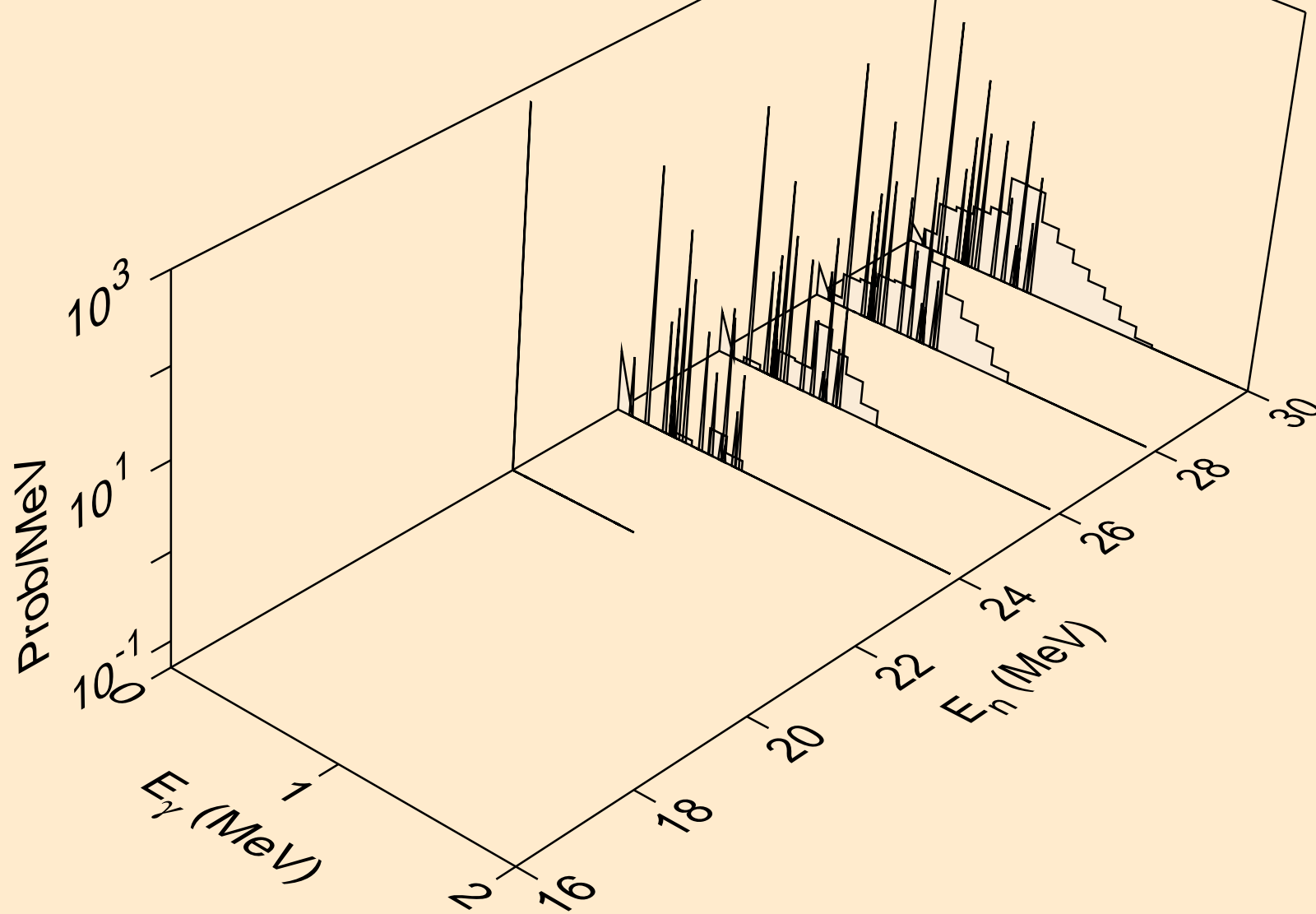
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



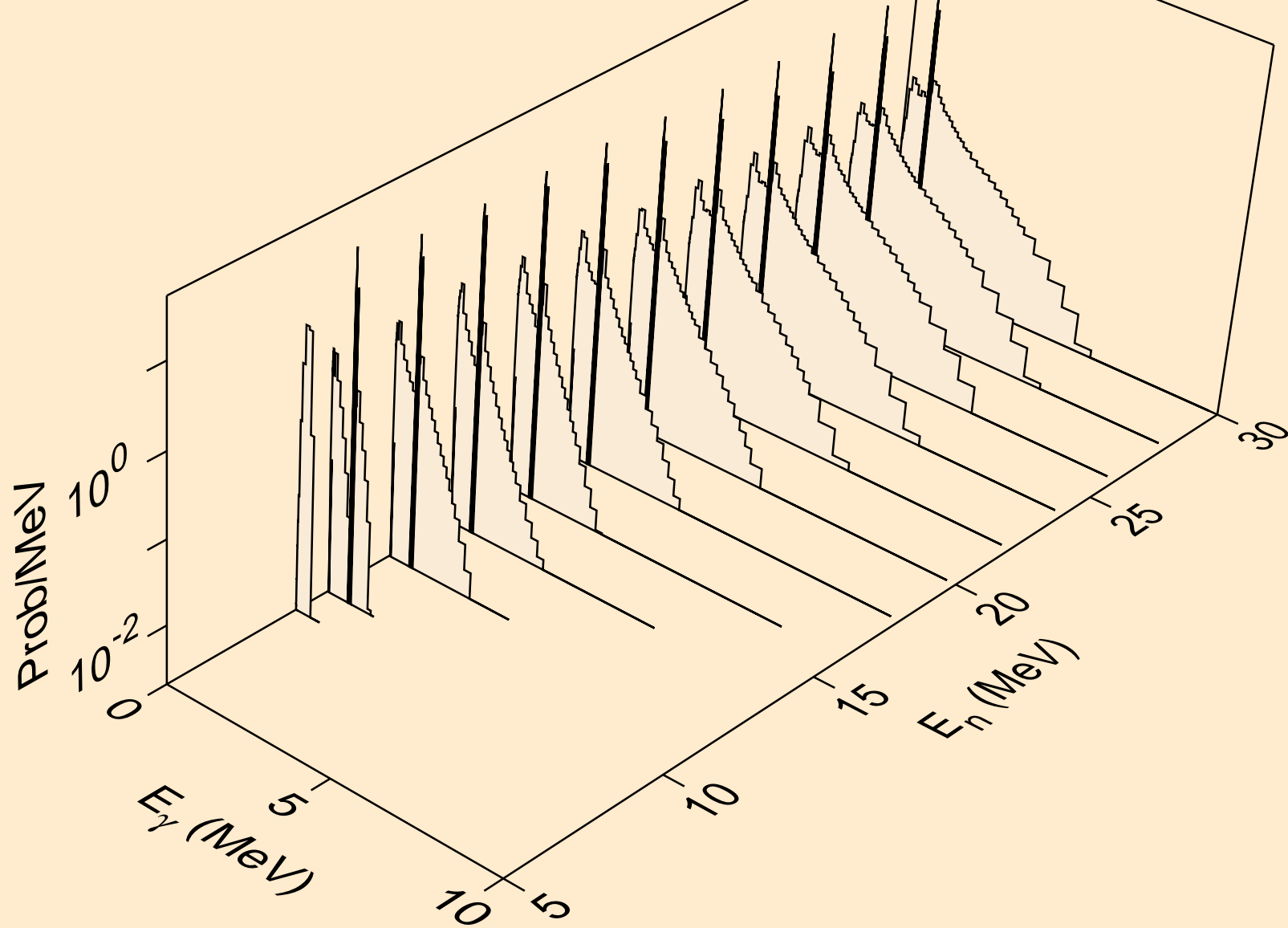
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



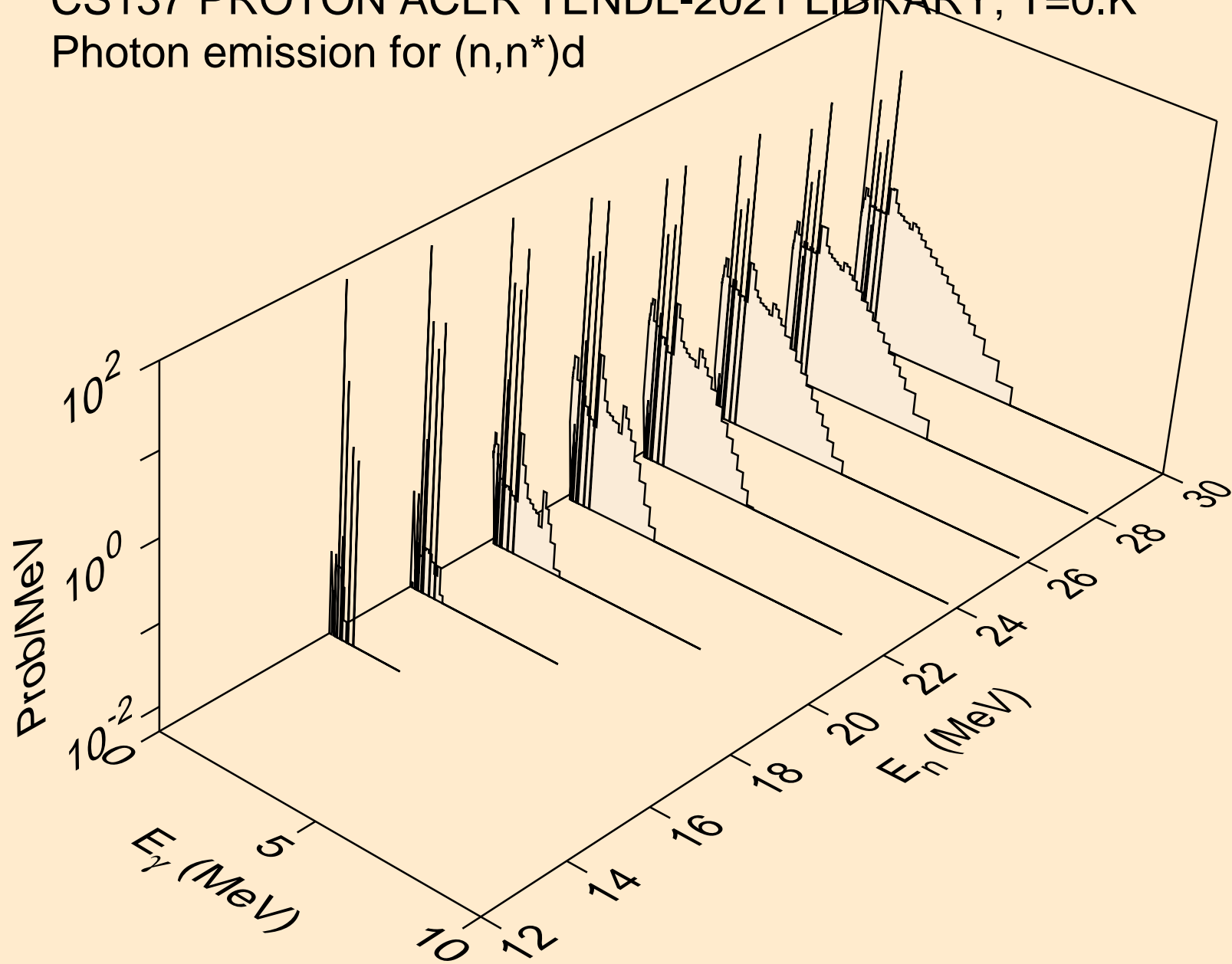
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



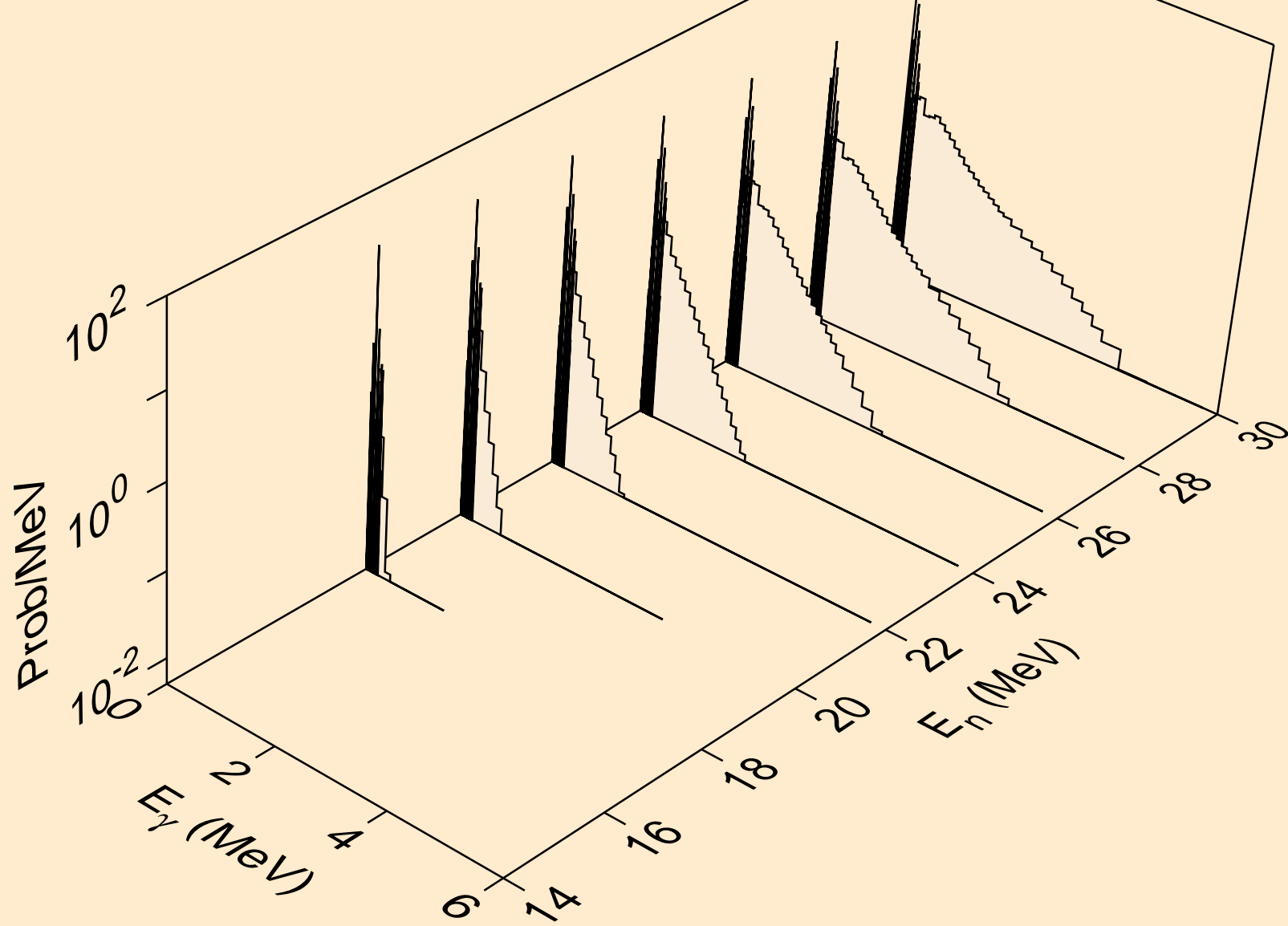
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



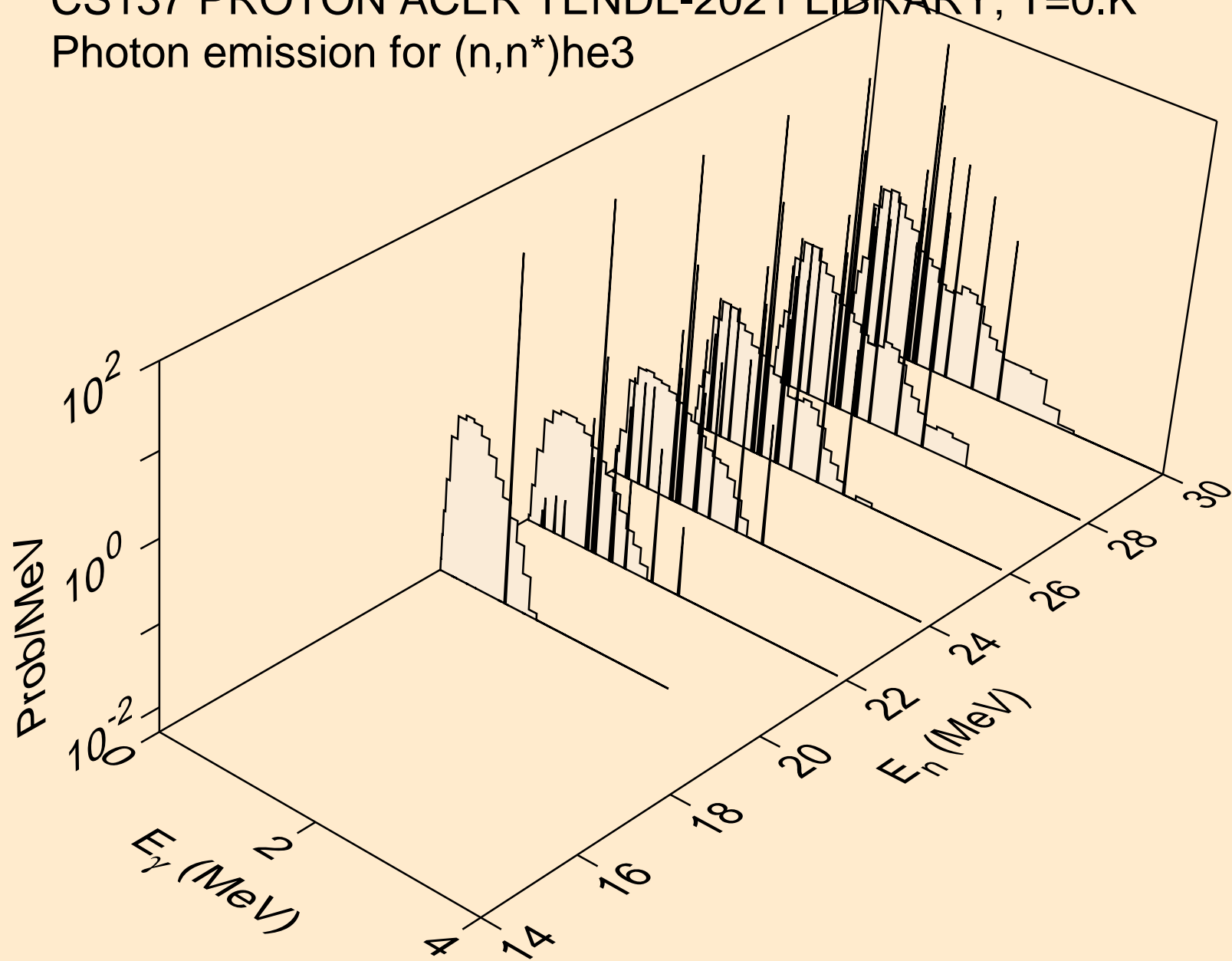
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

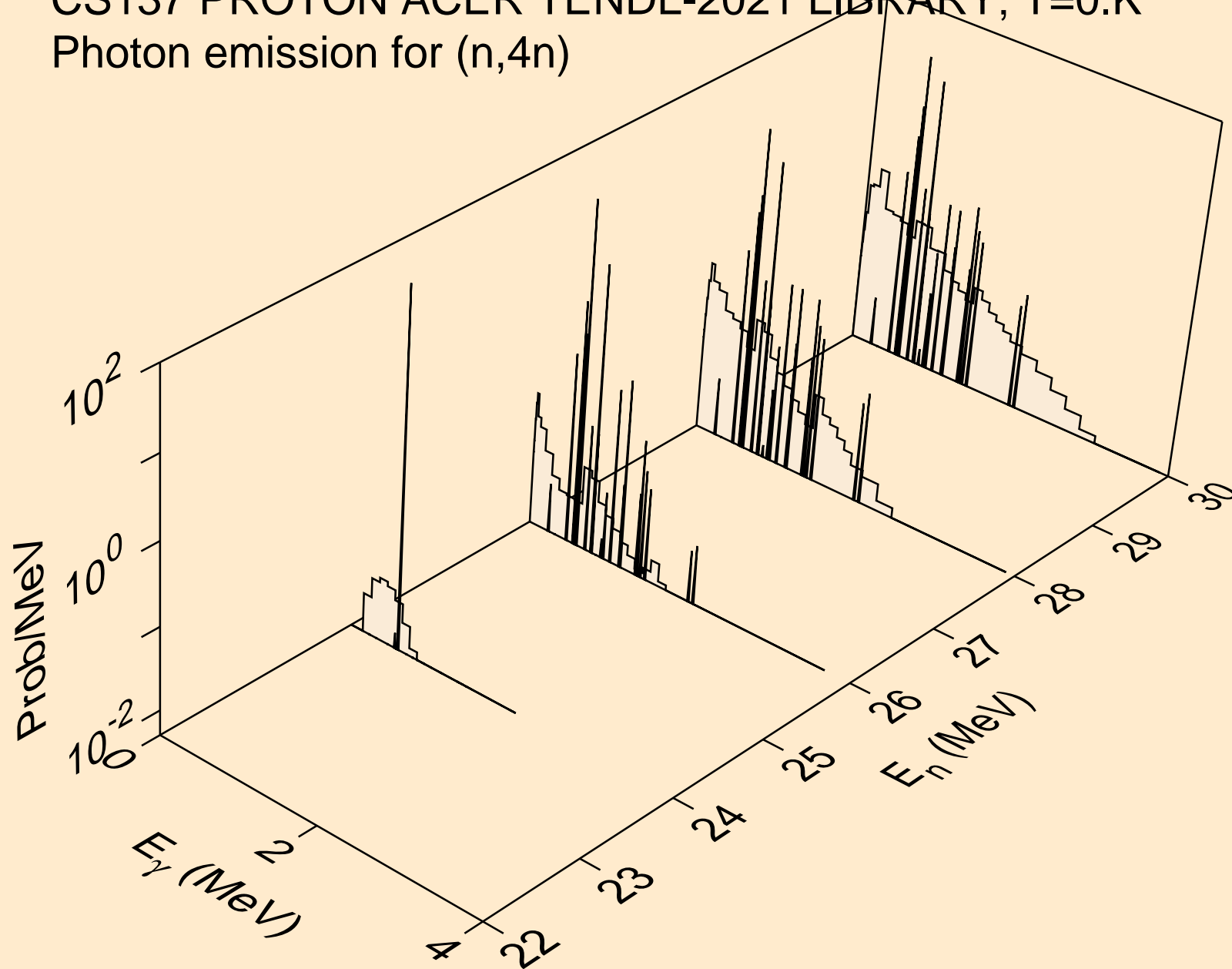


CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

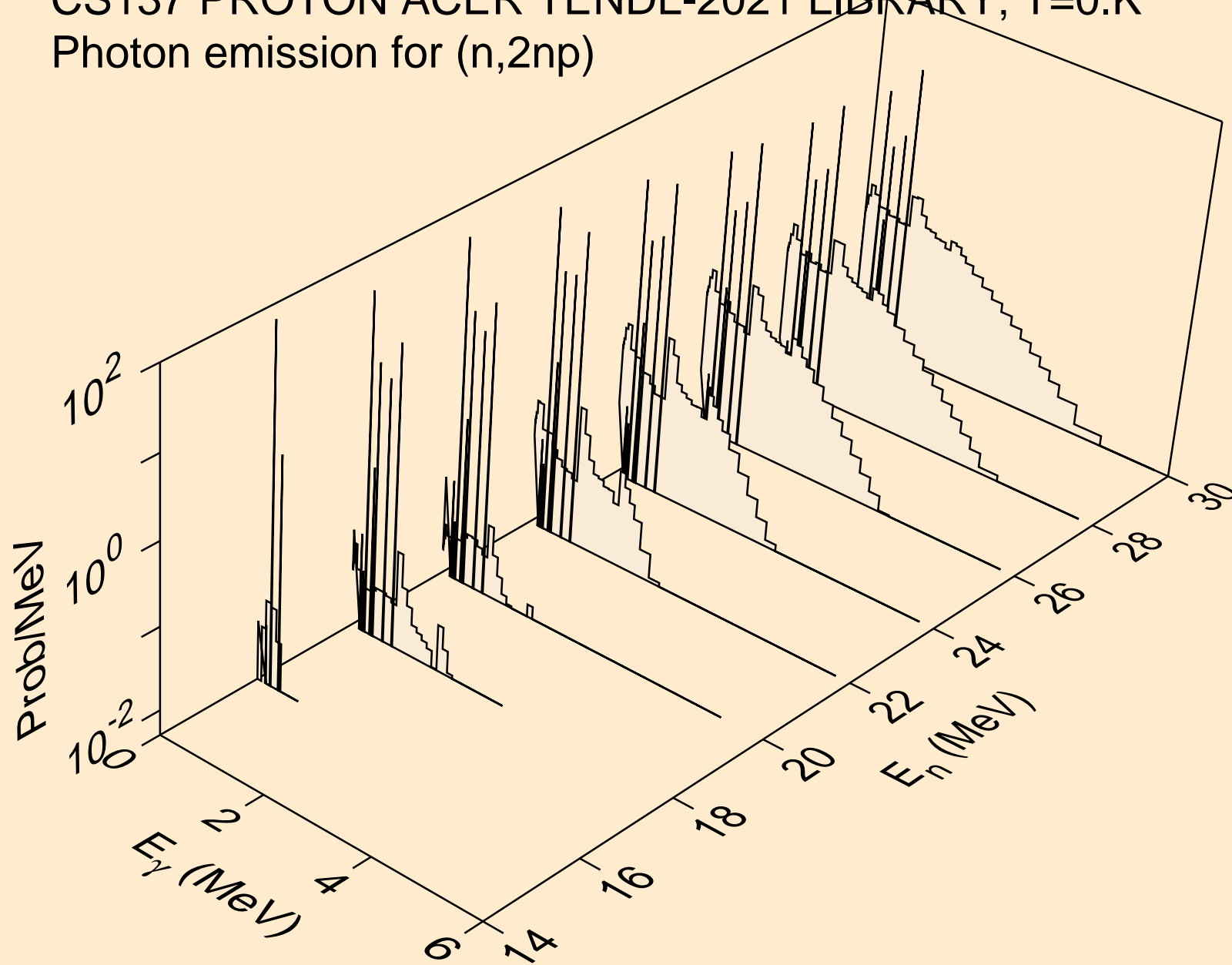




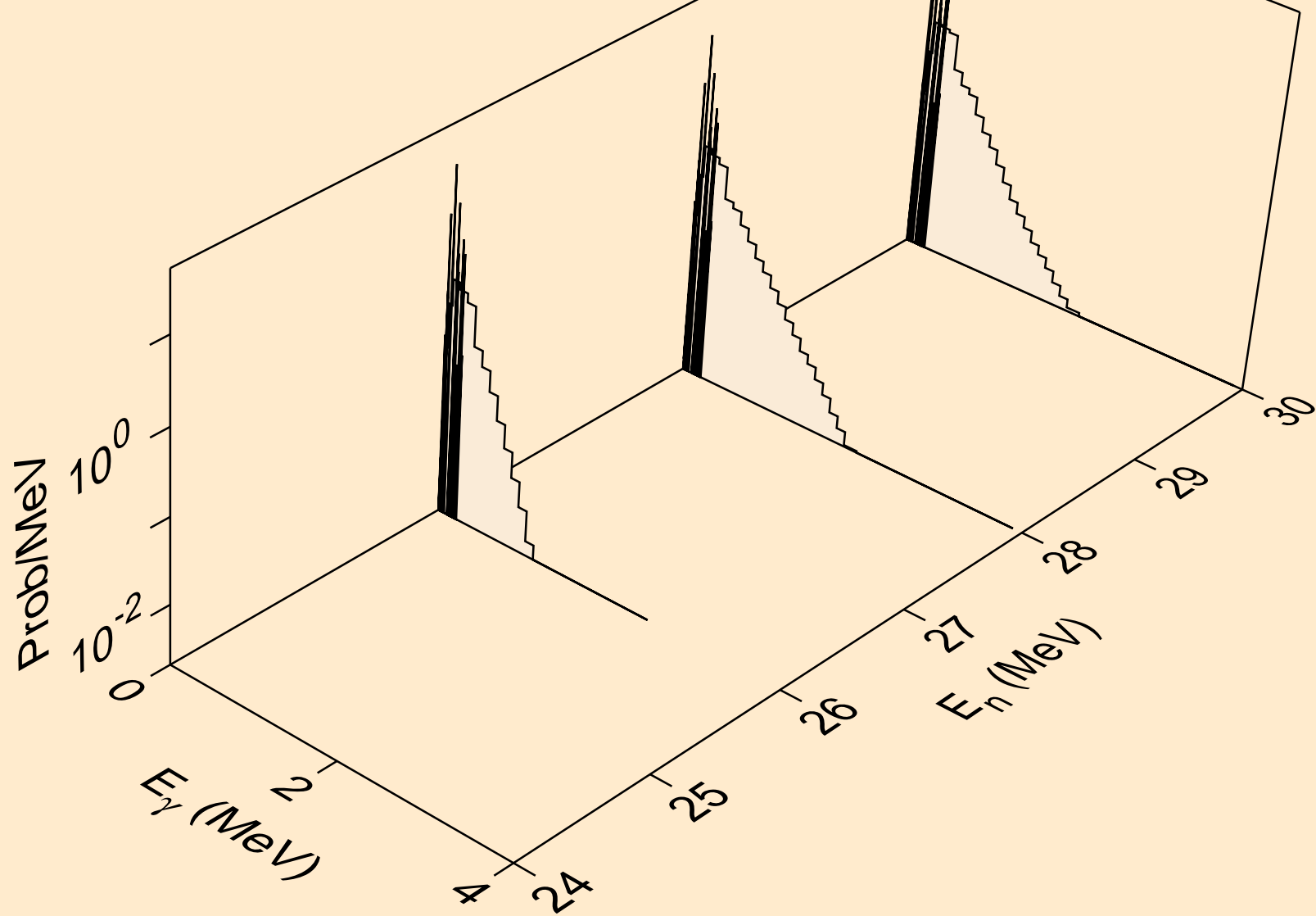
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



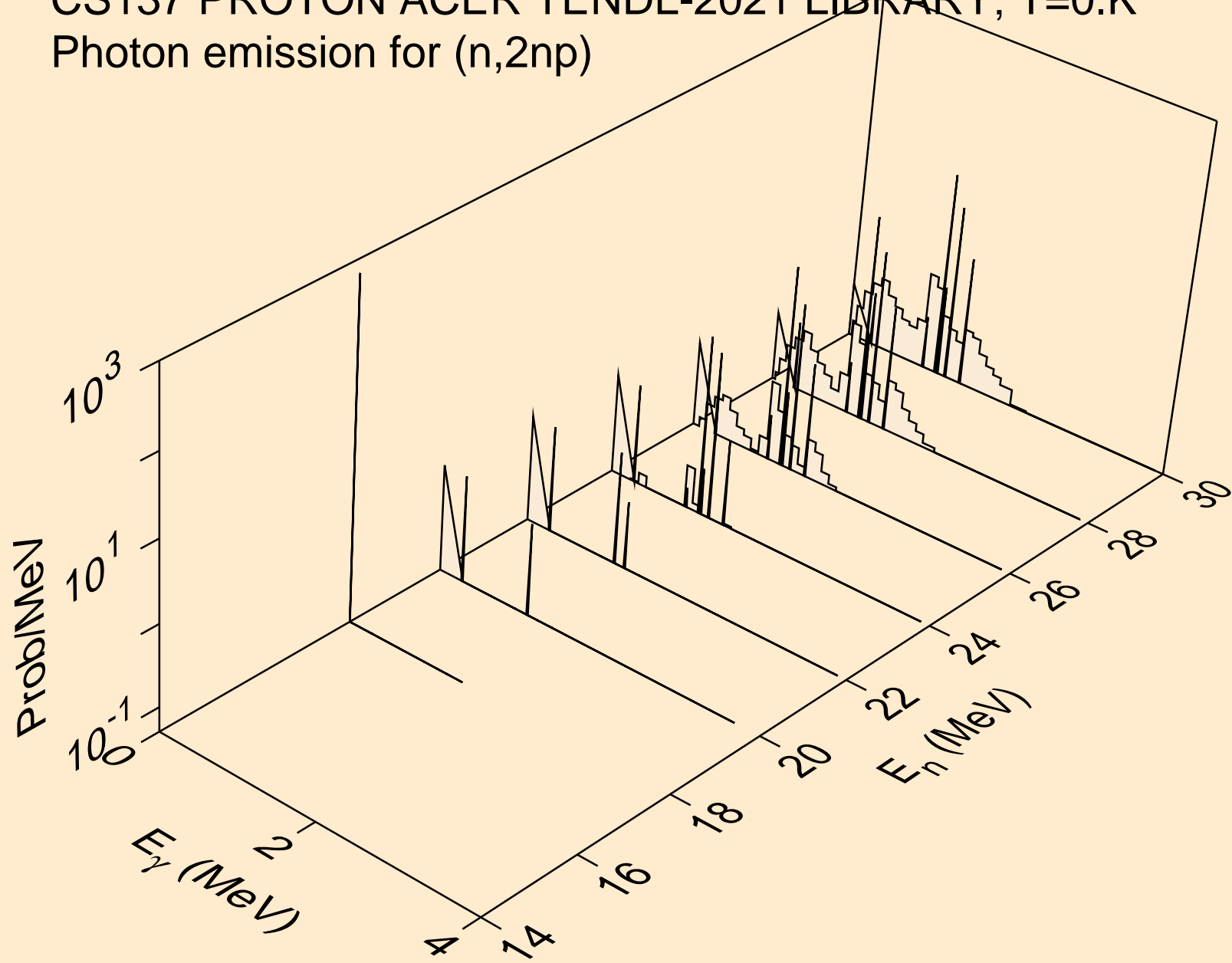
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



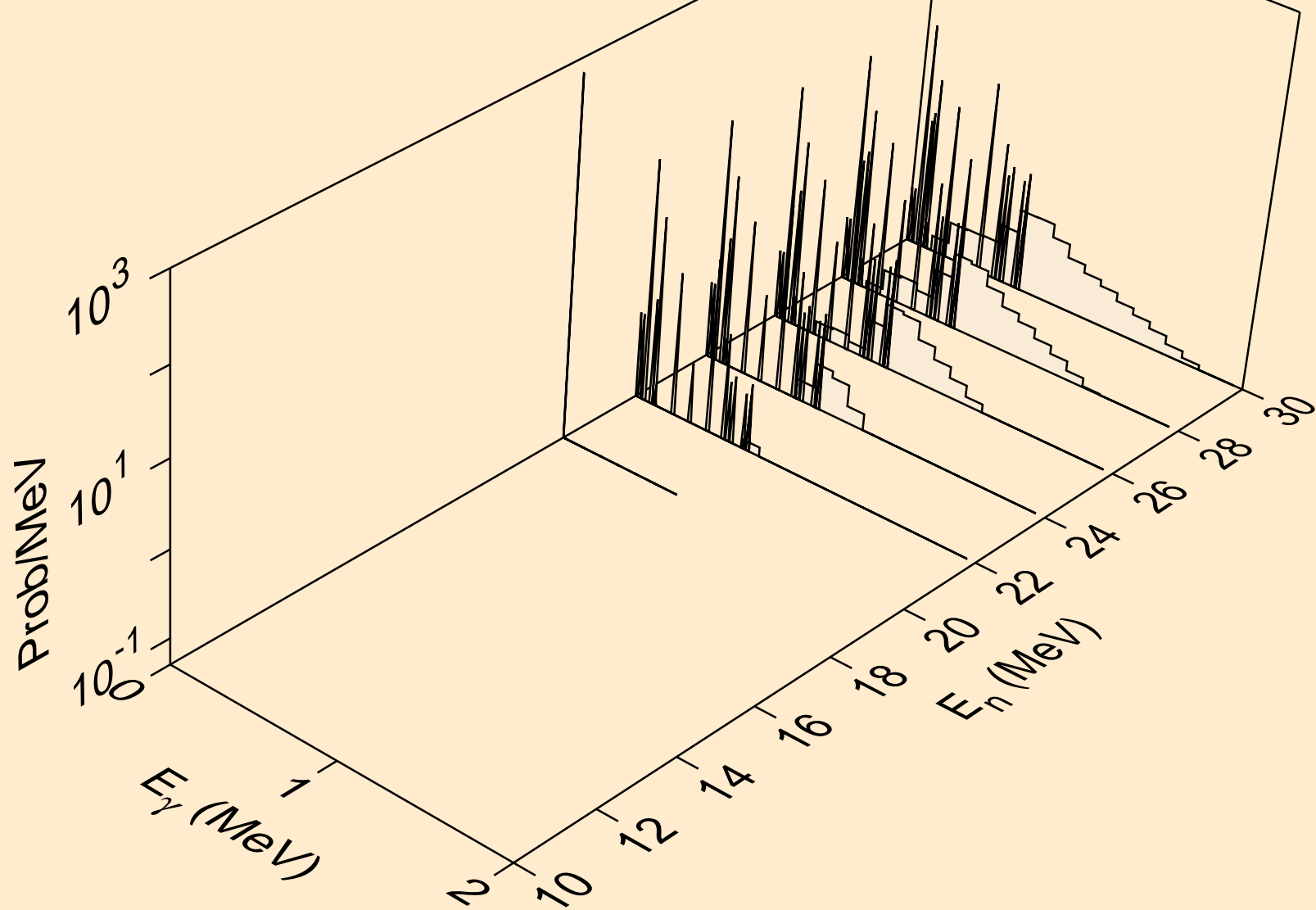
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



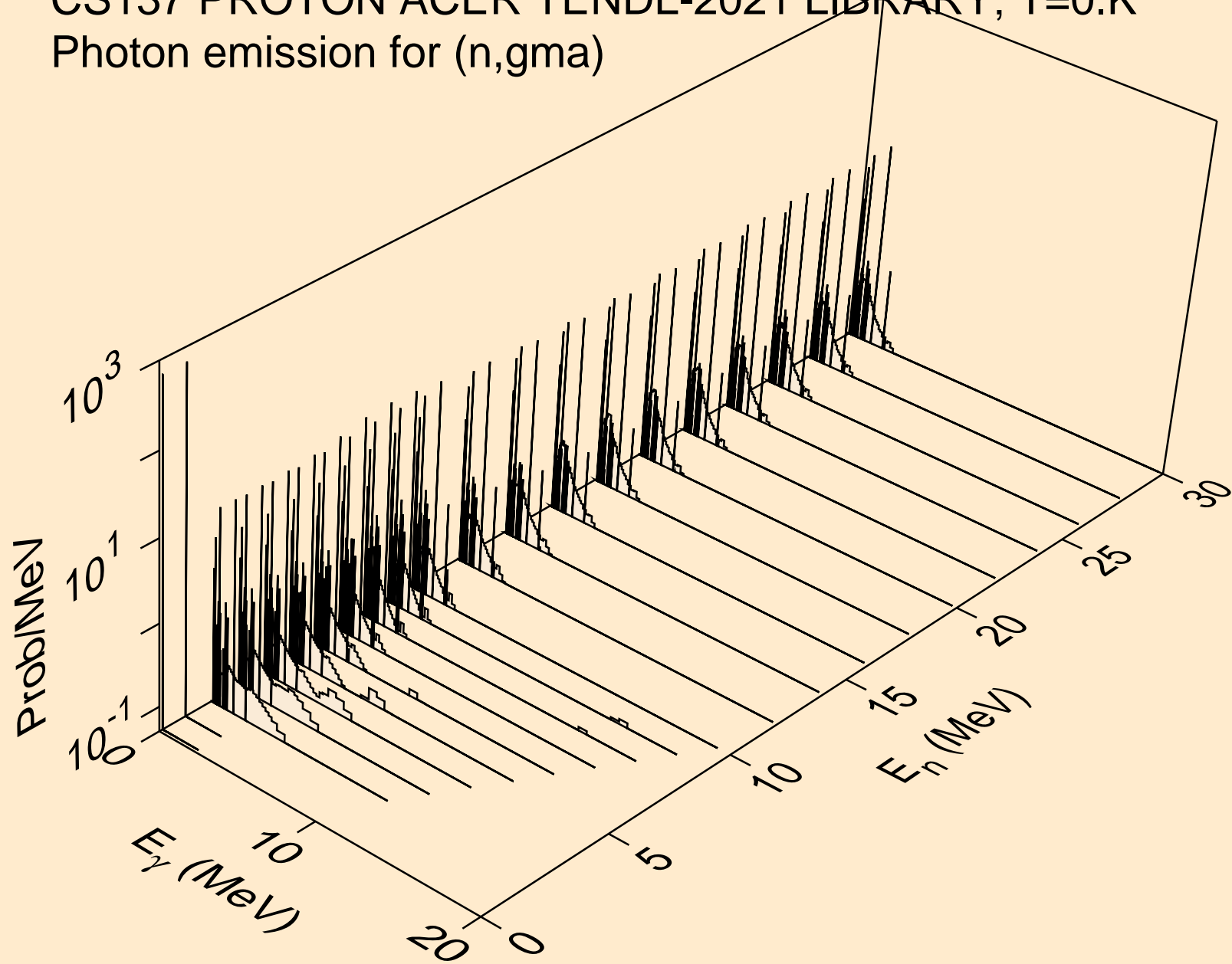
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



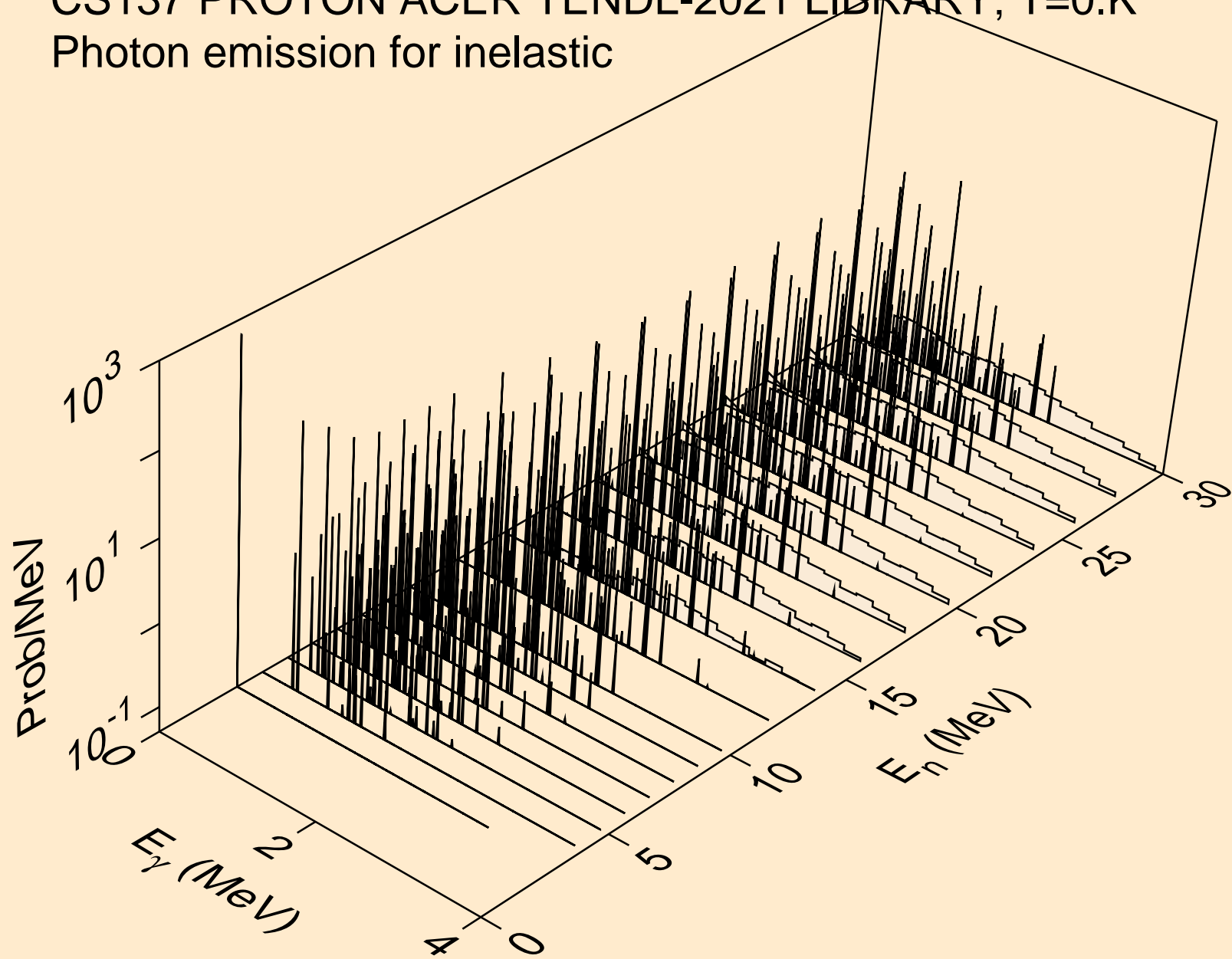
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



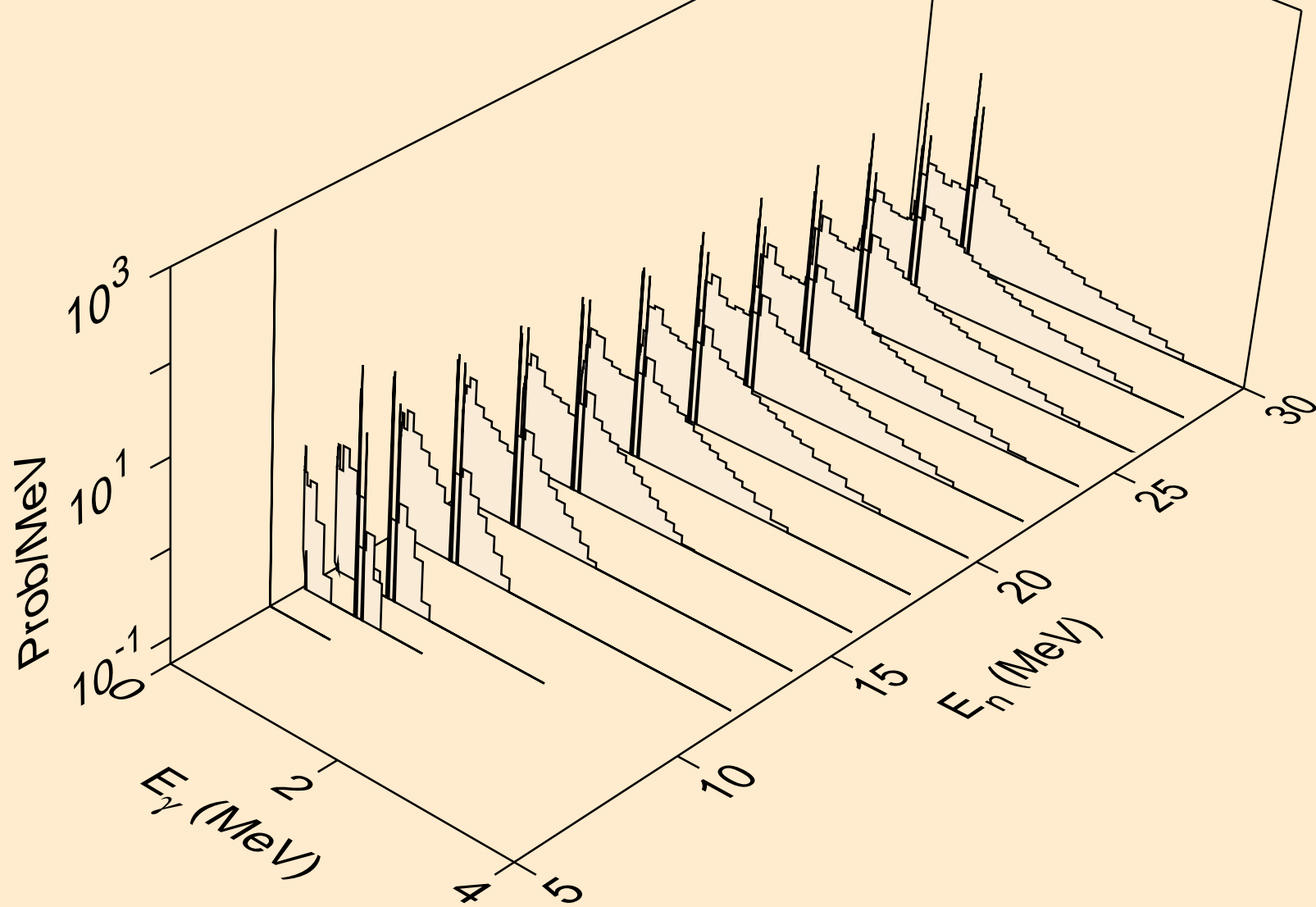
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

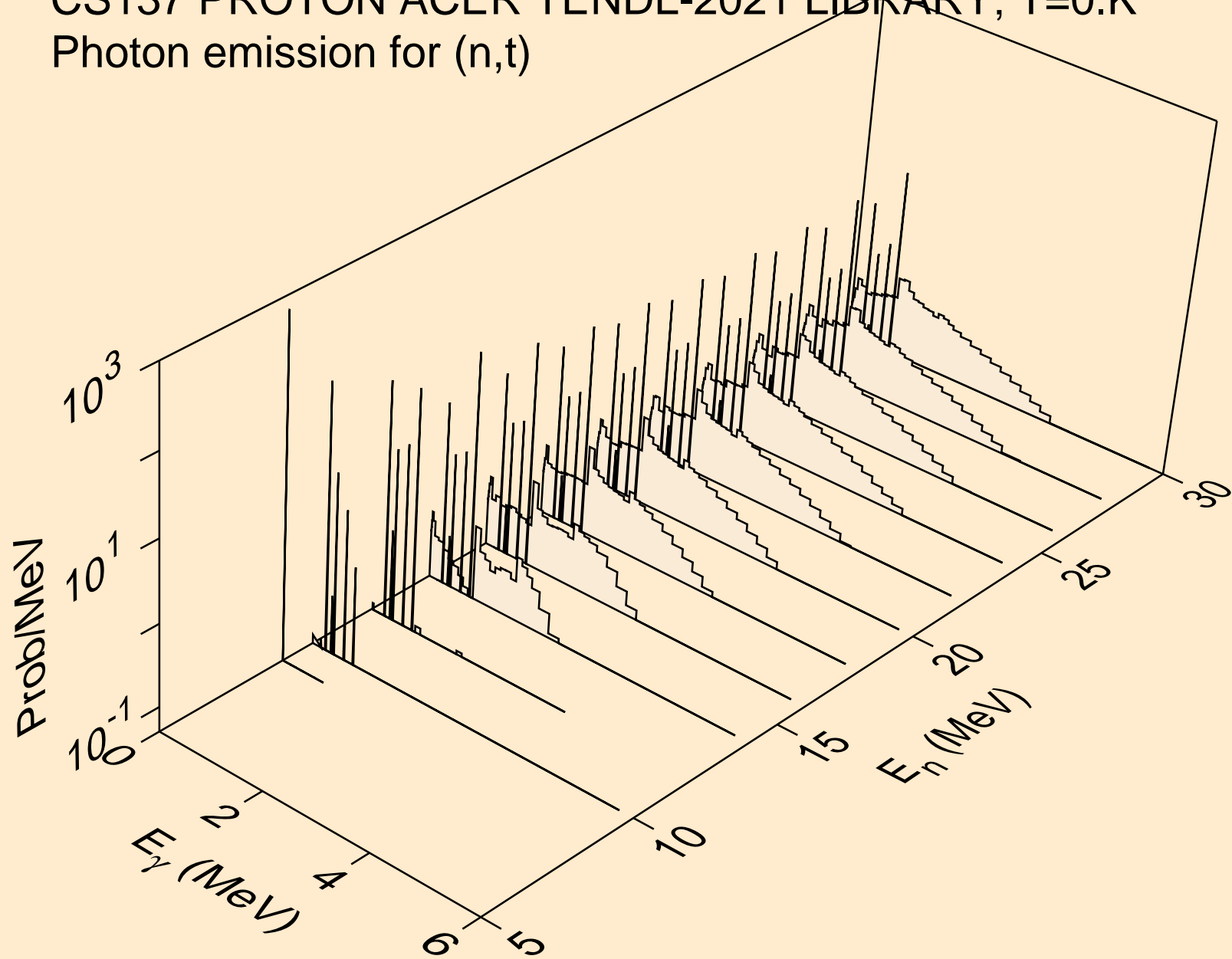


CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

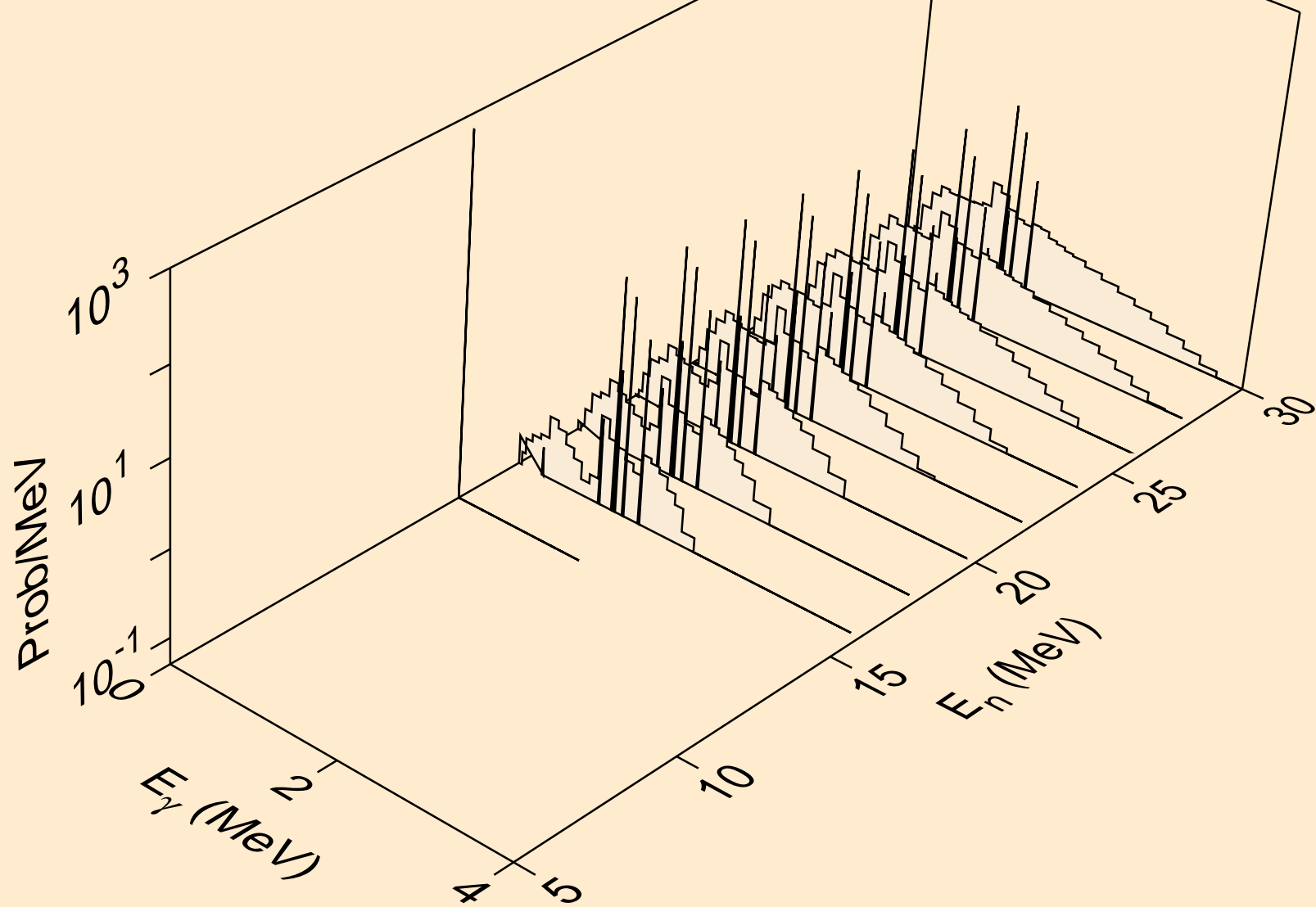




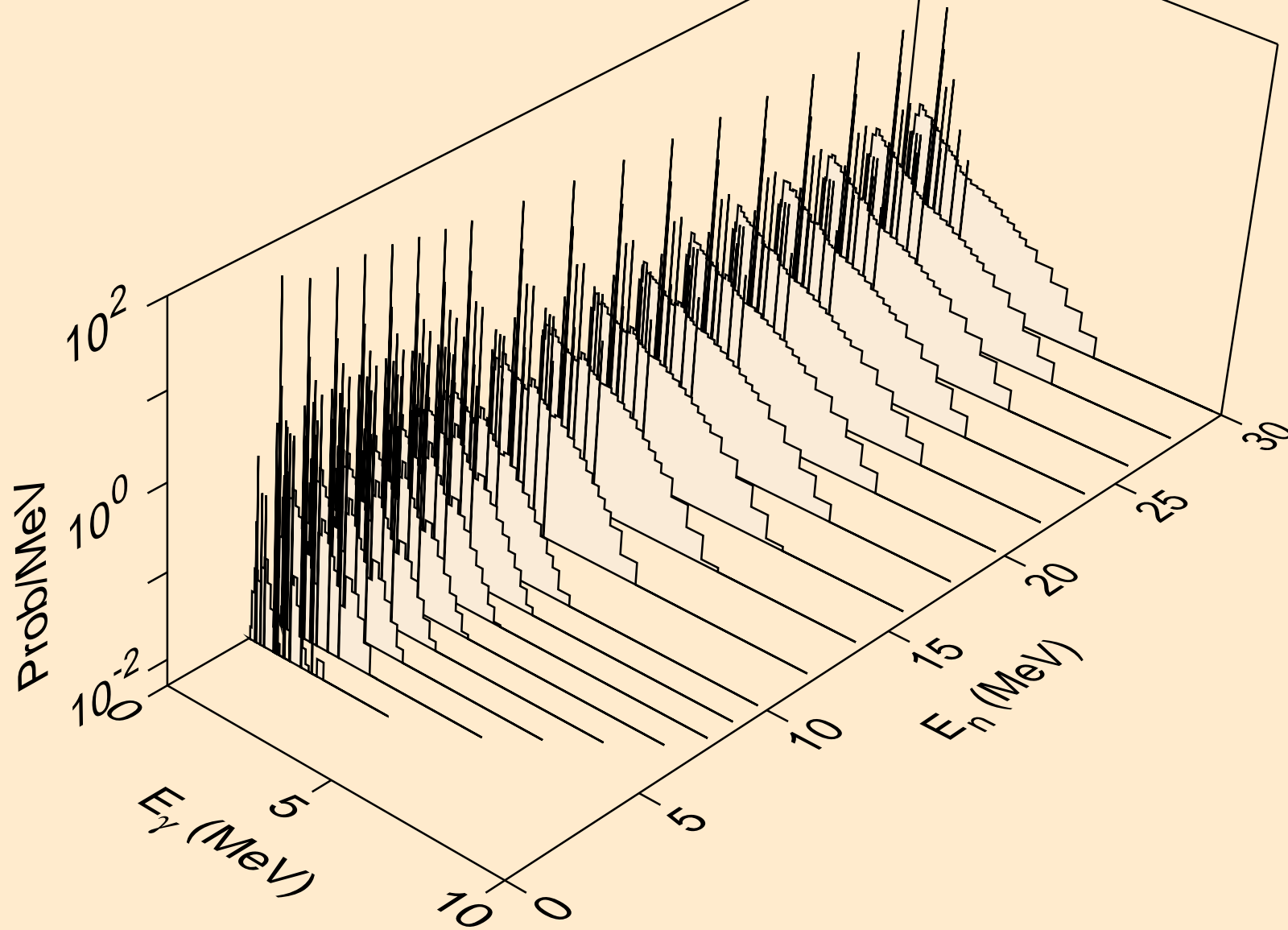
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



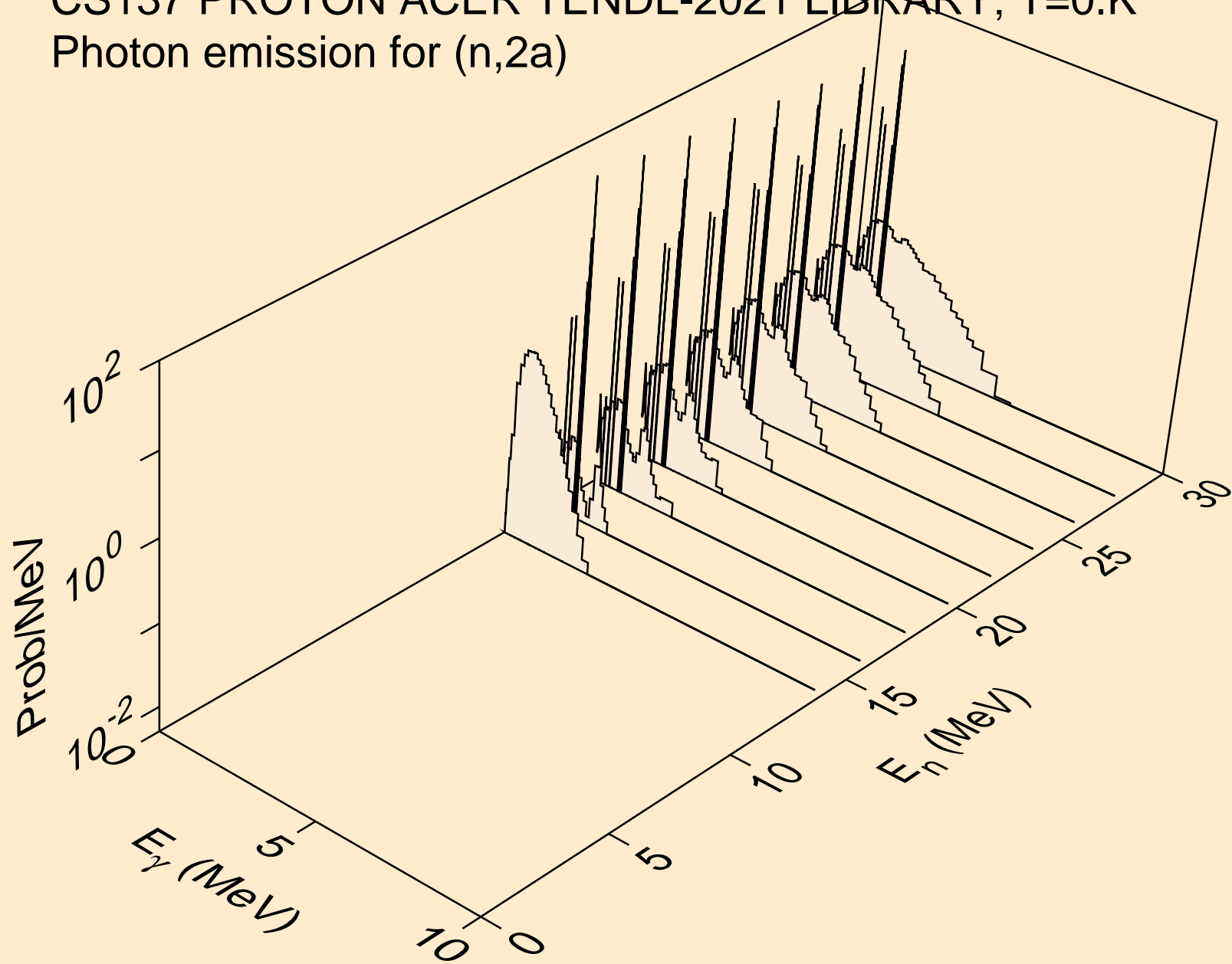
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



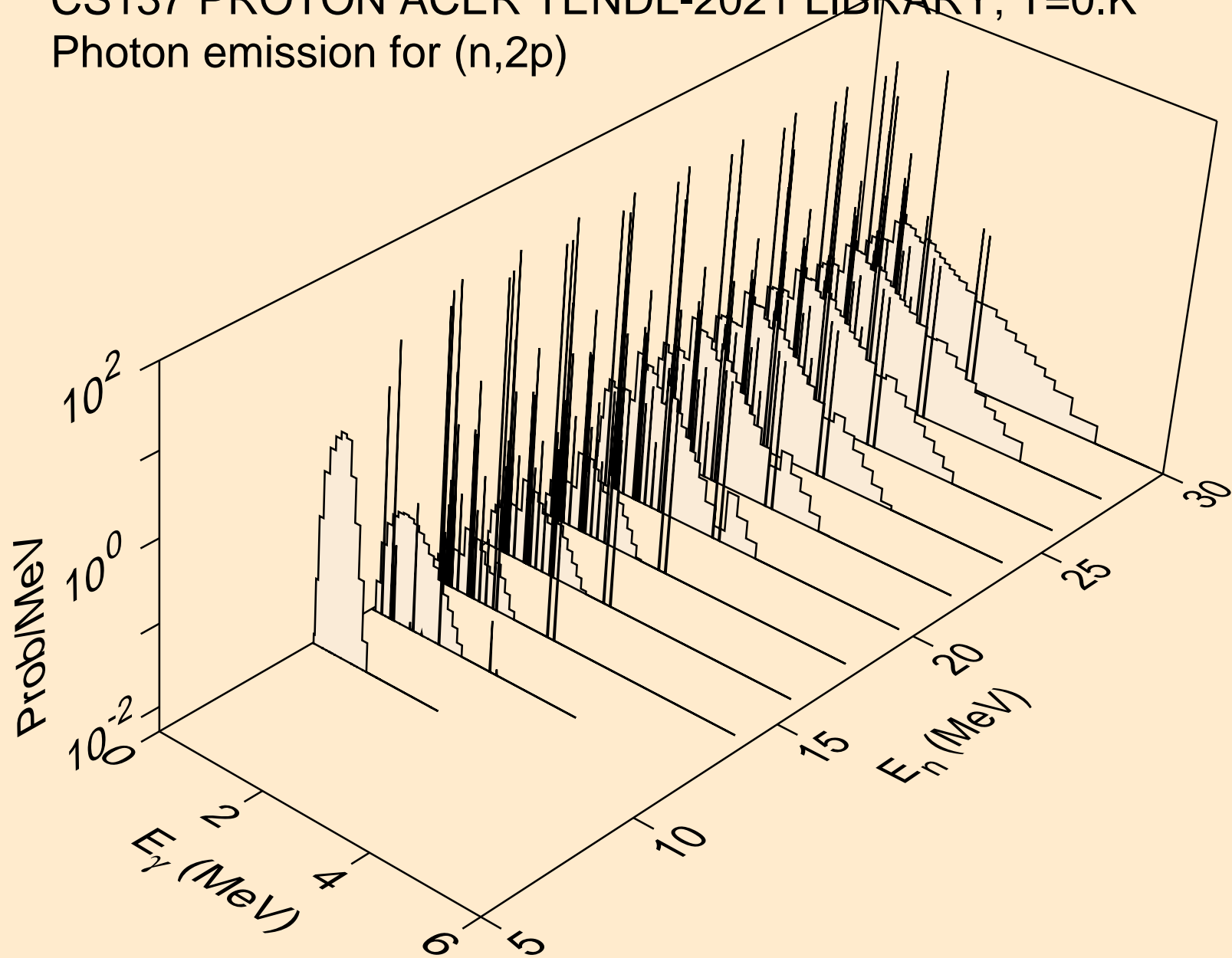
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



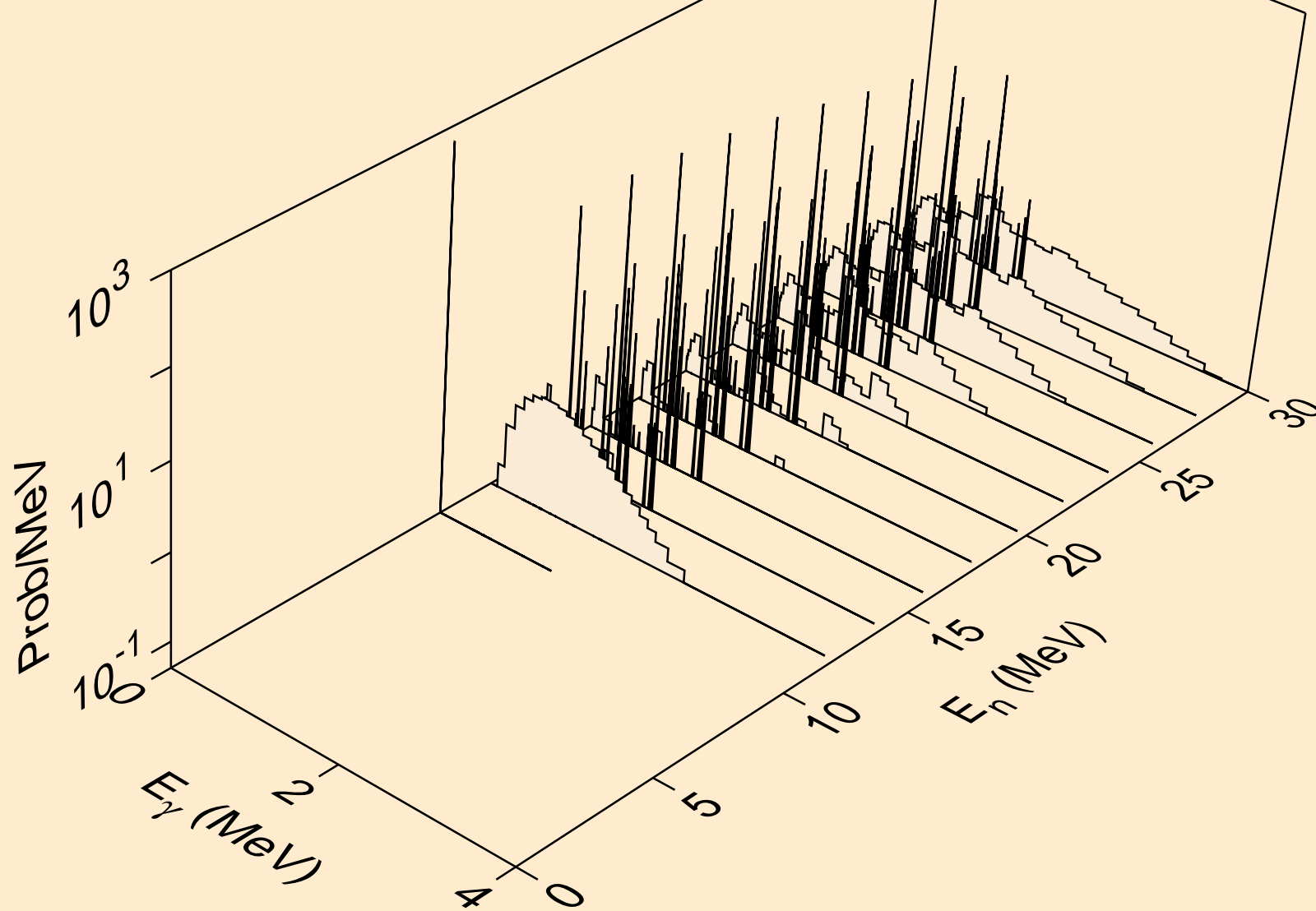
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



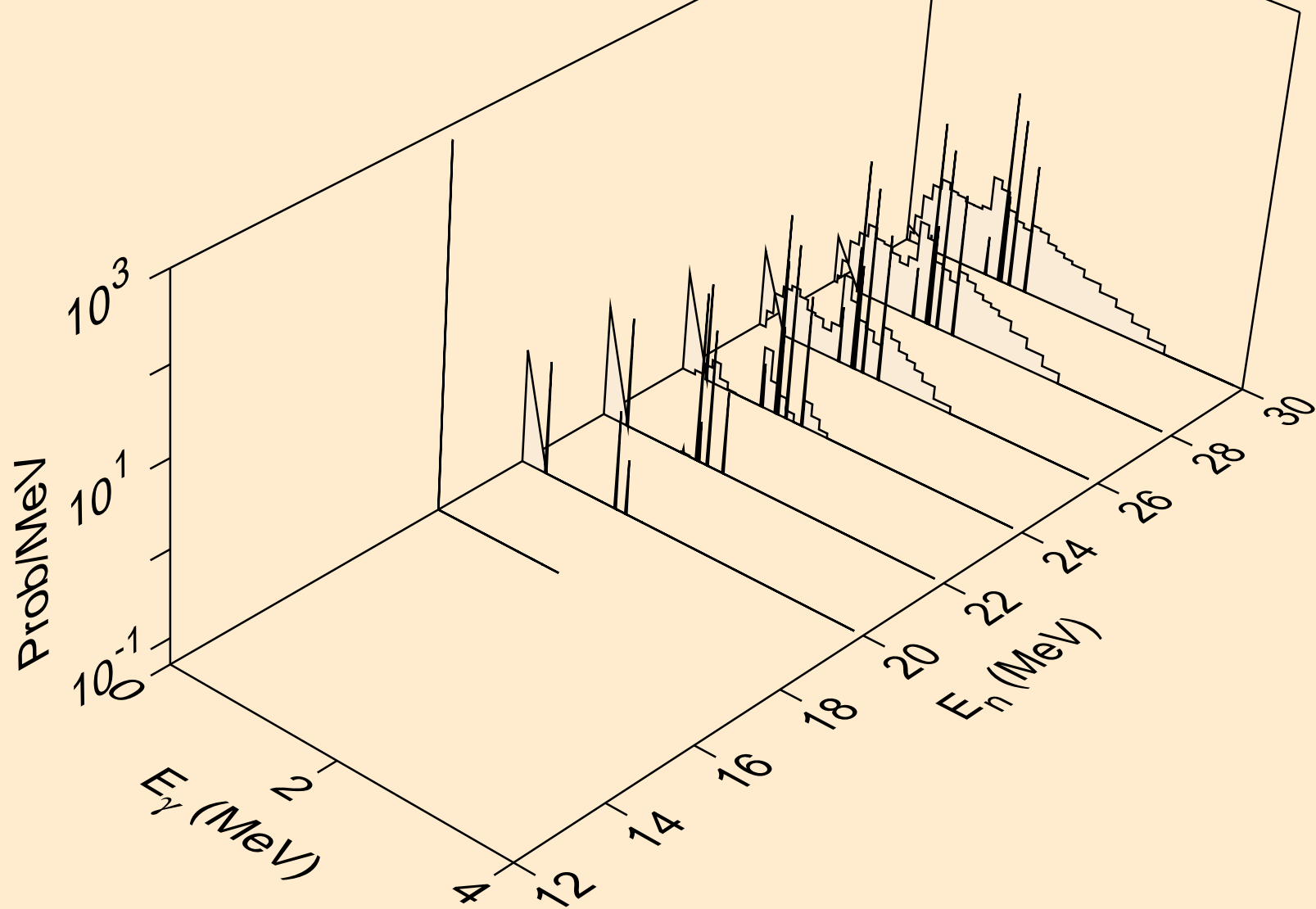
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



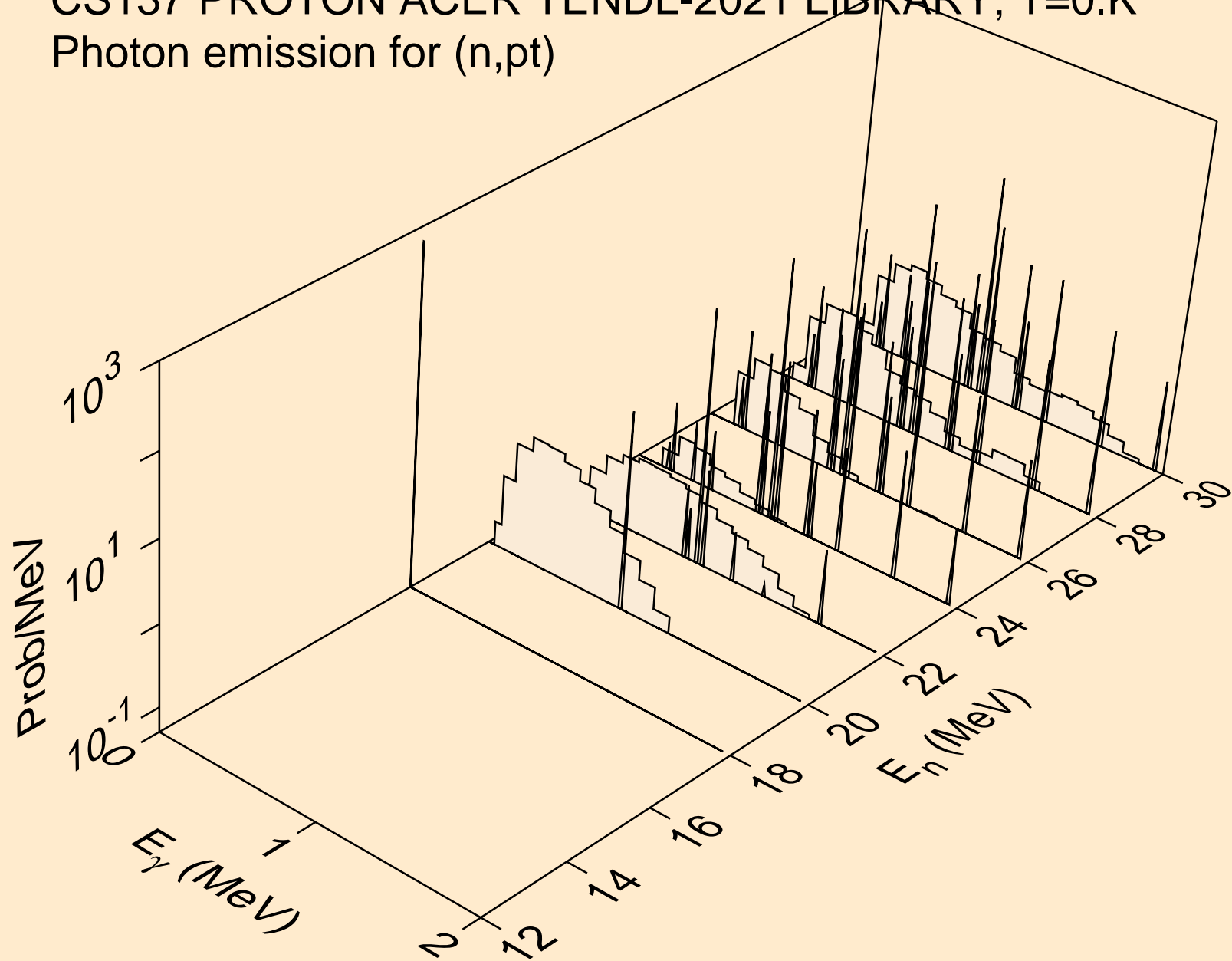
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

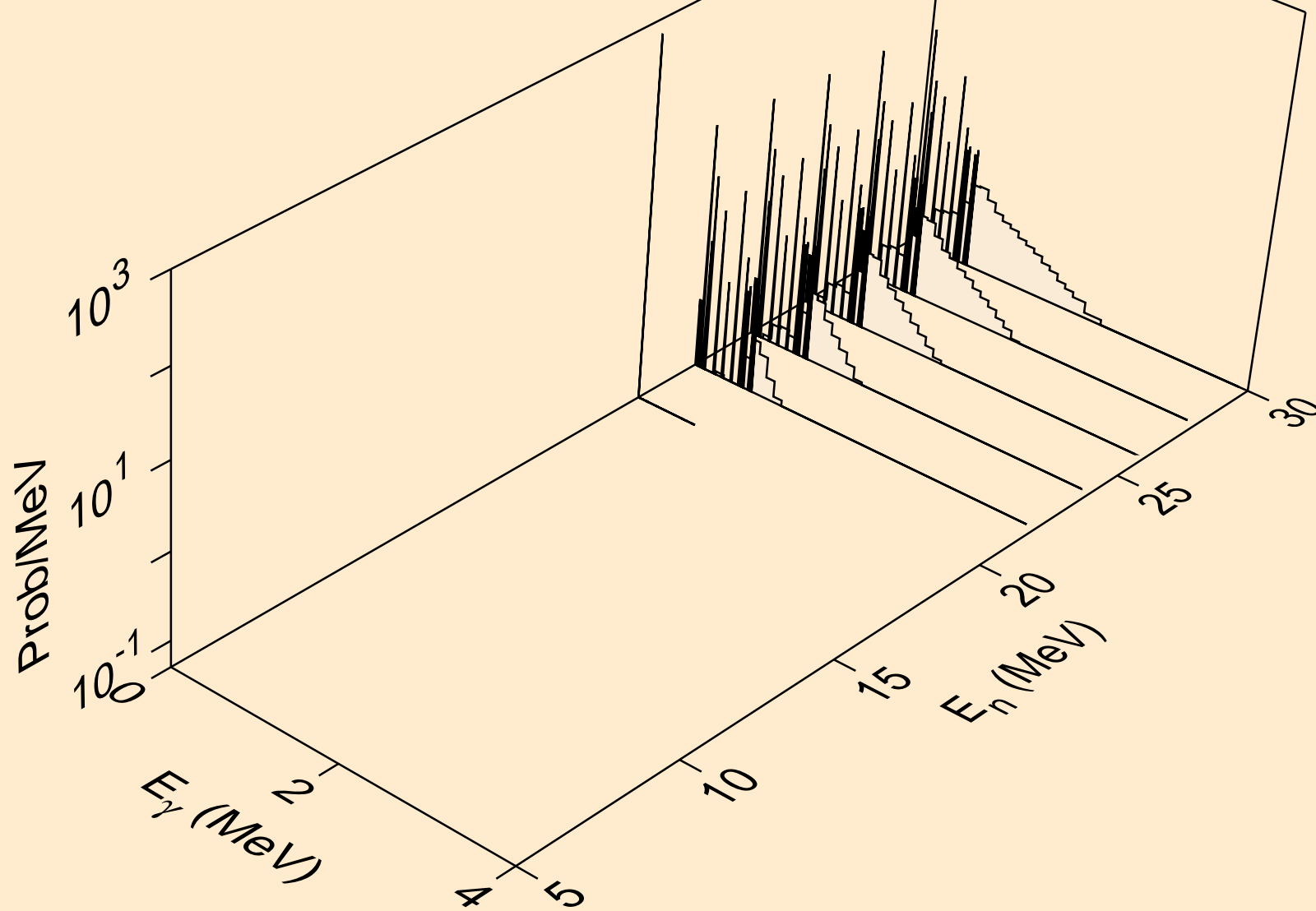


CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



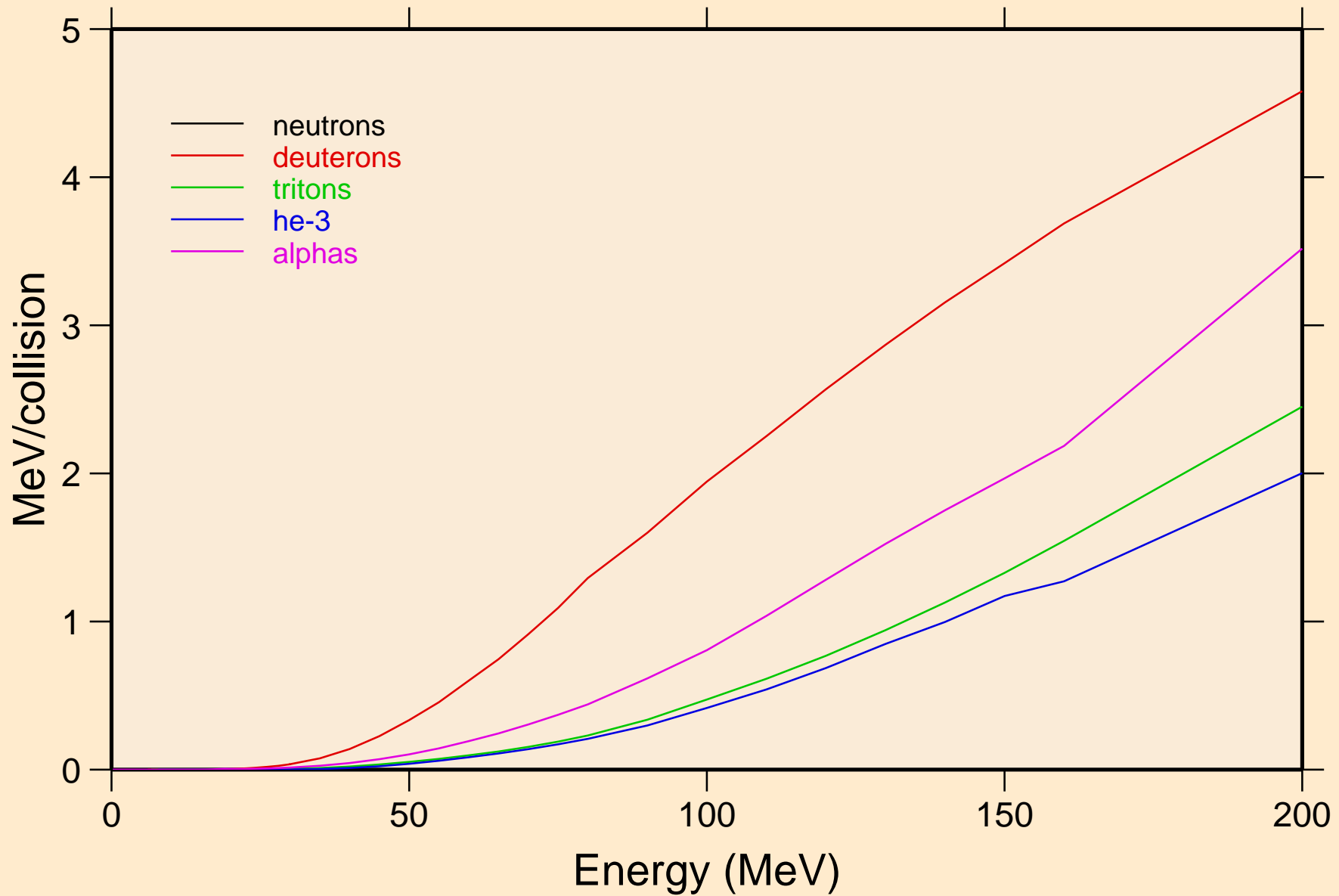


CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



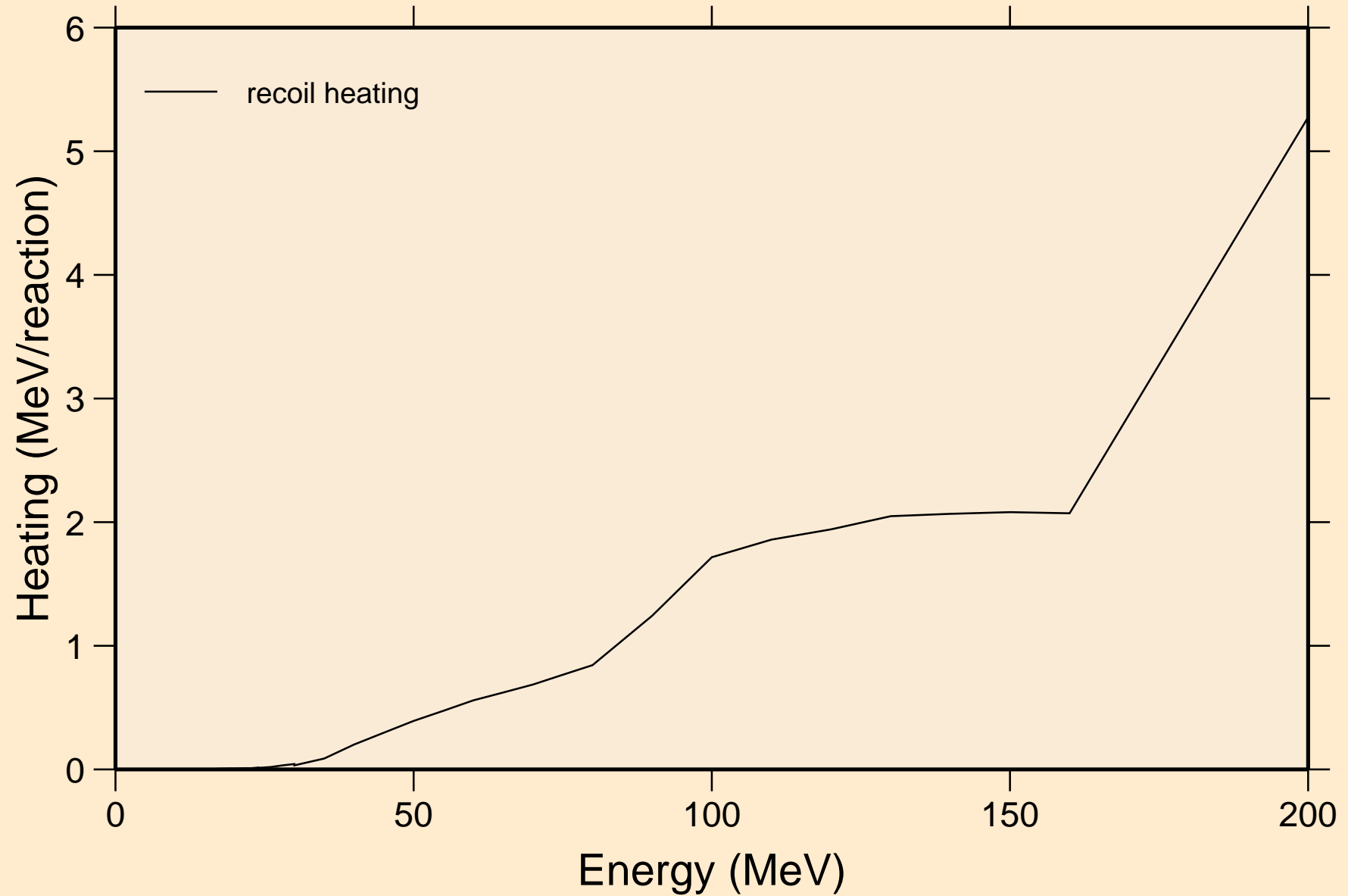
# CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions

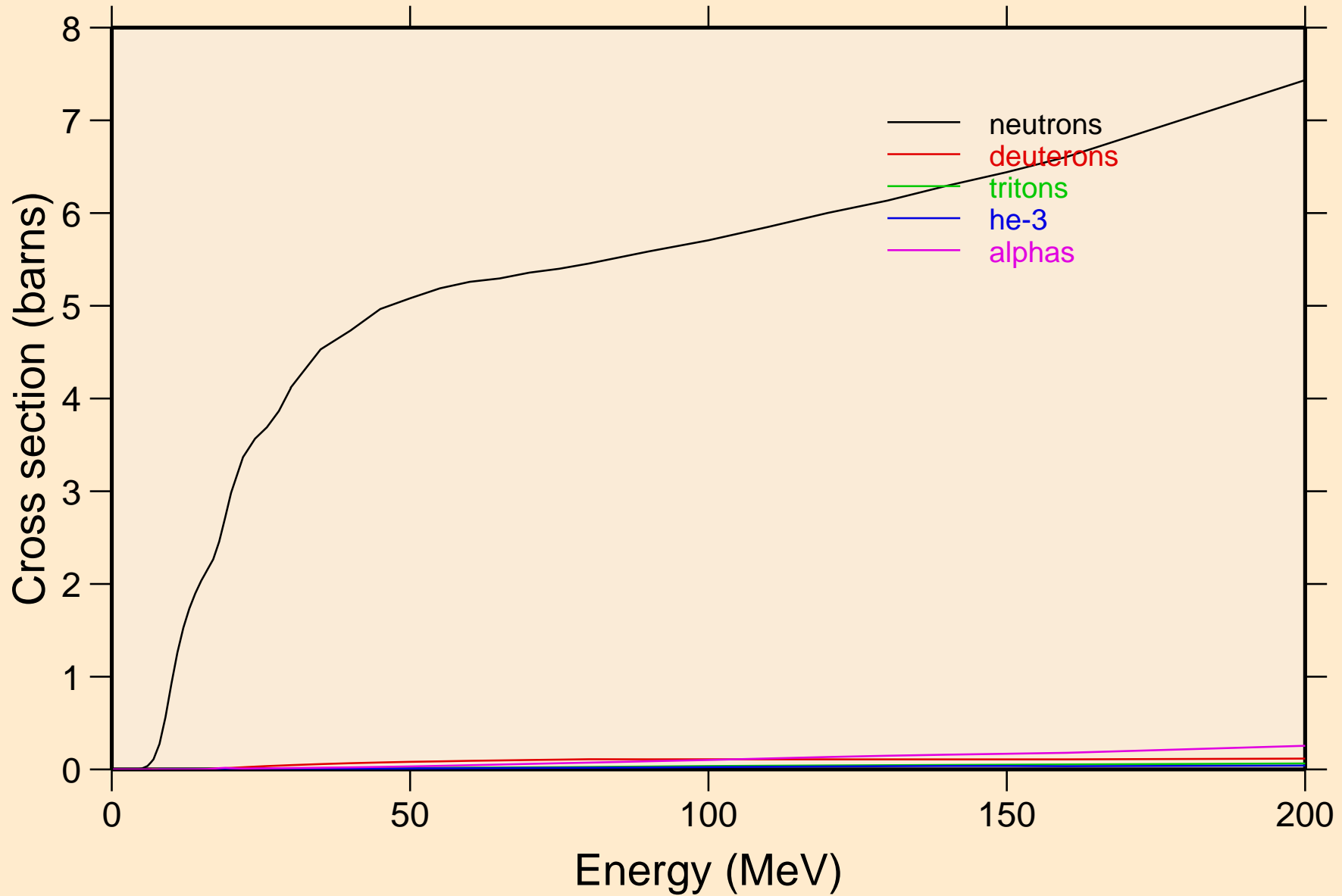


# CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K

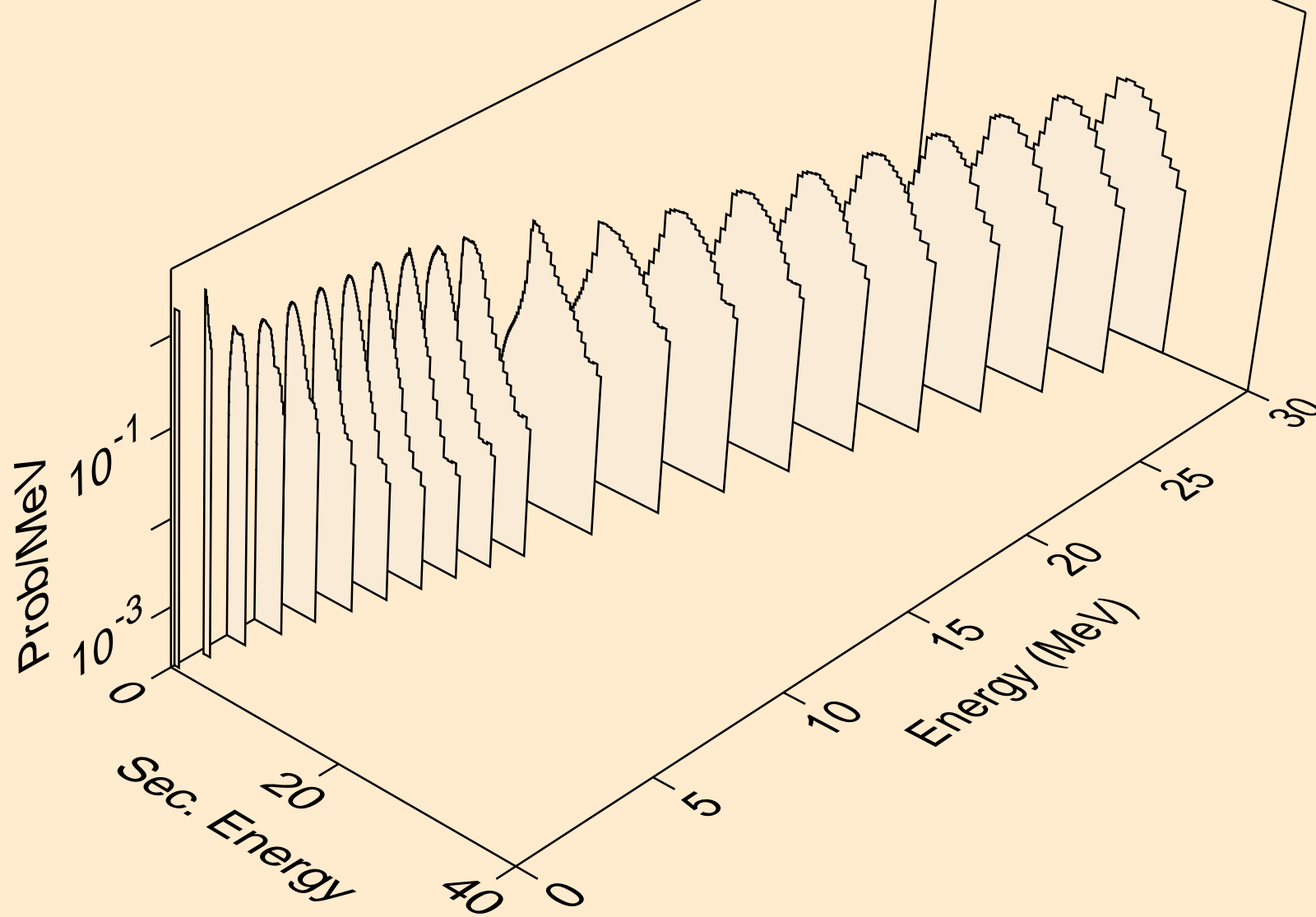
## Recoil Heating



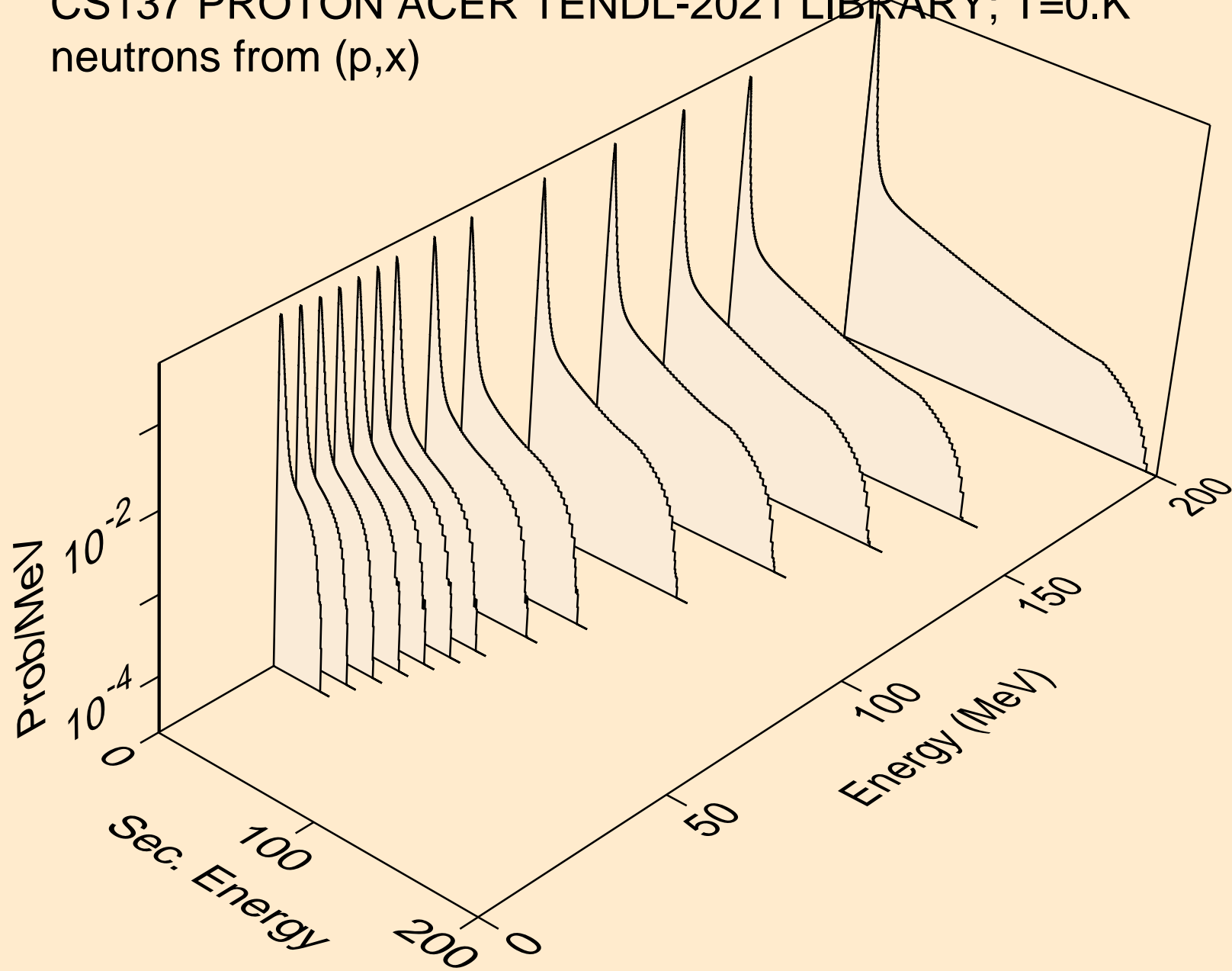
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



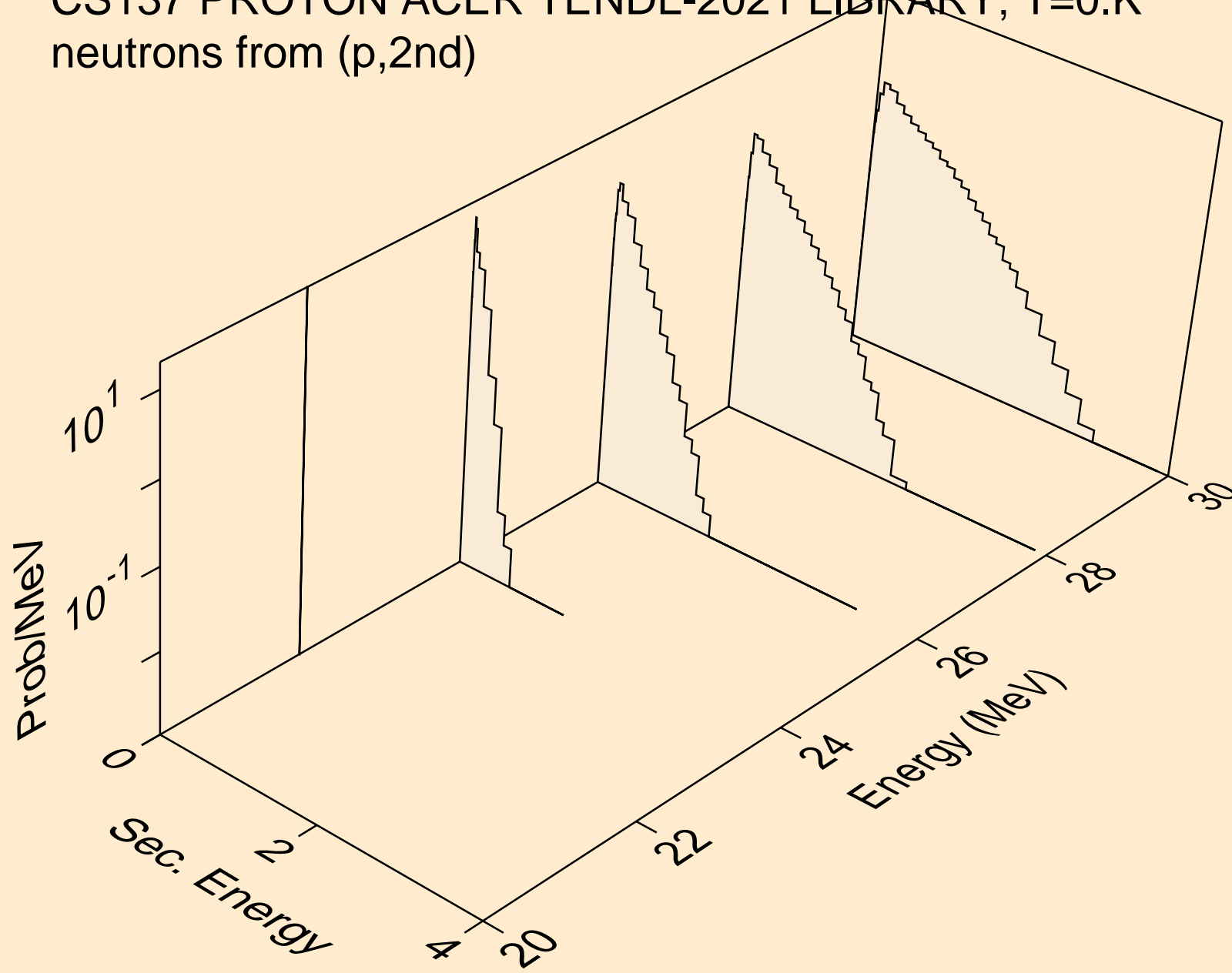
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



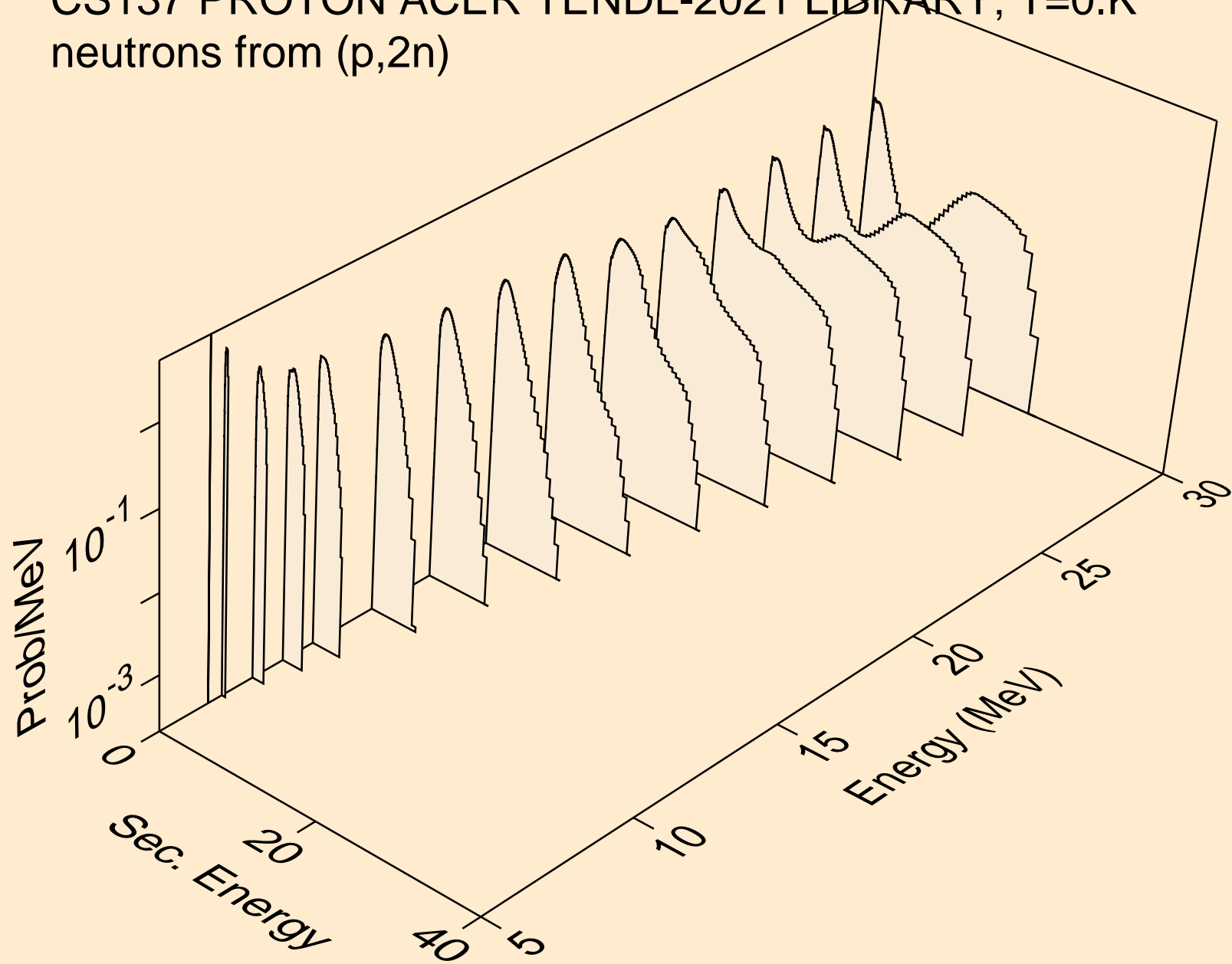
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)

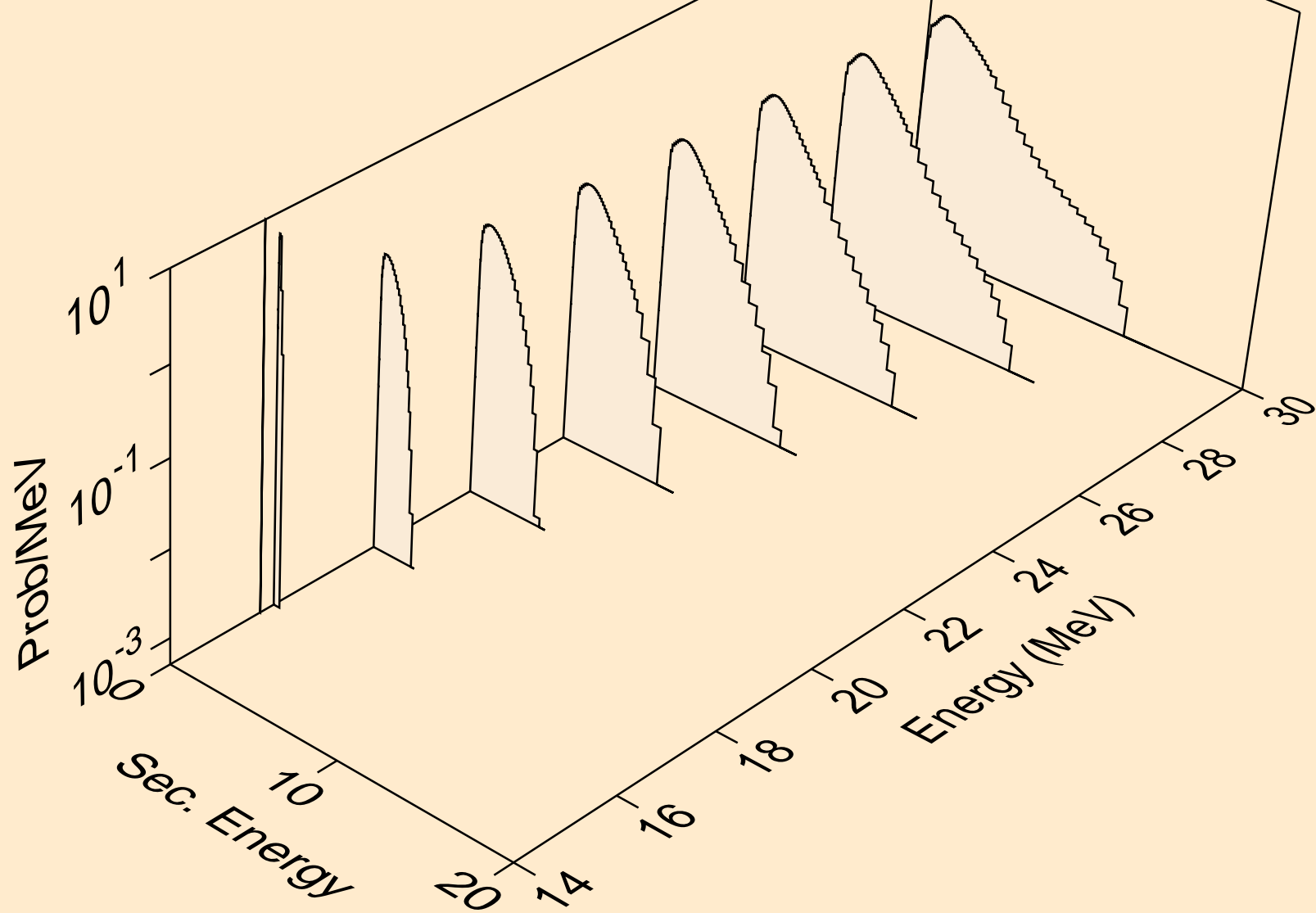


CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

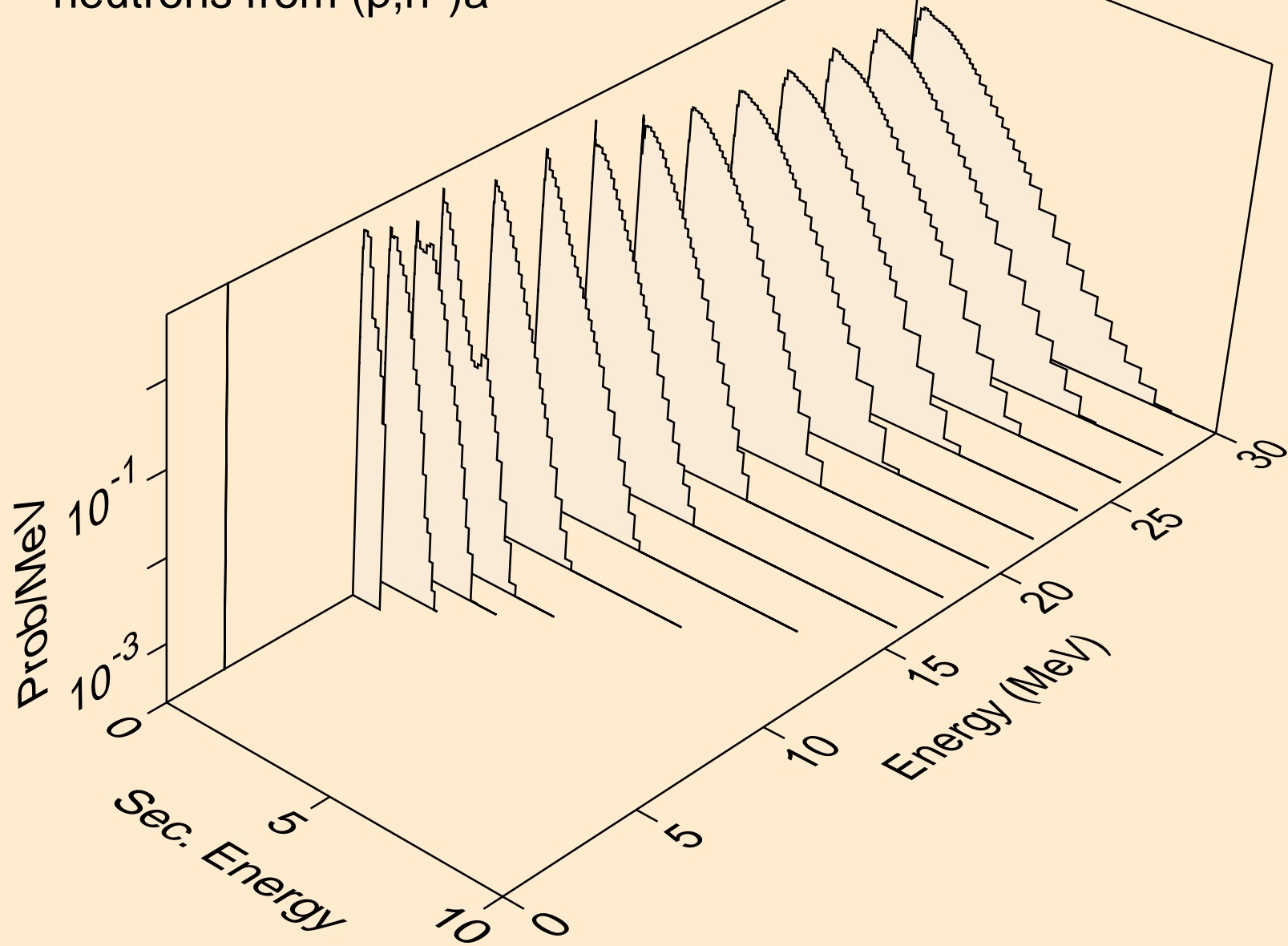




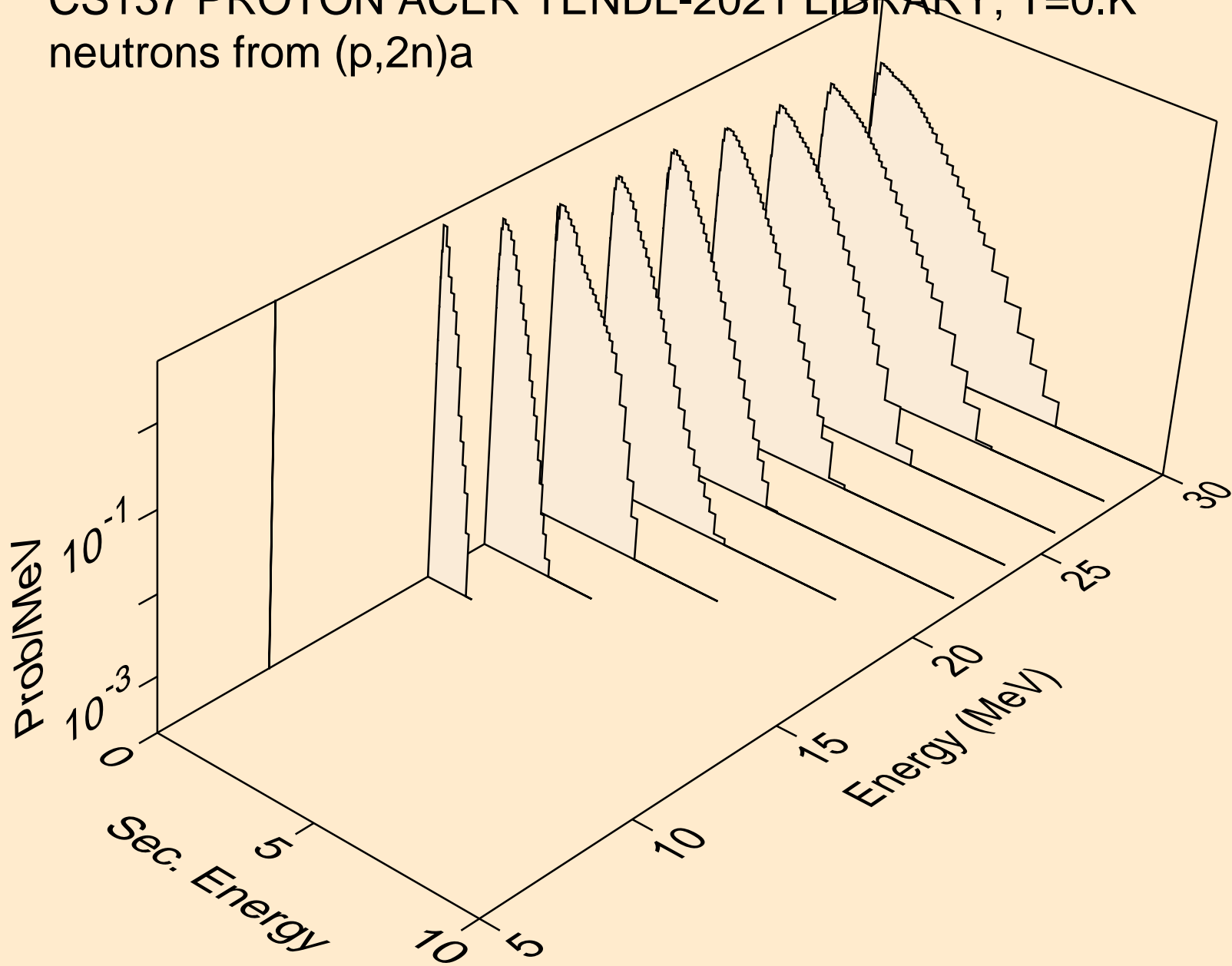
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



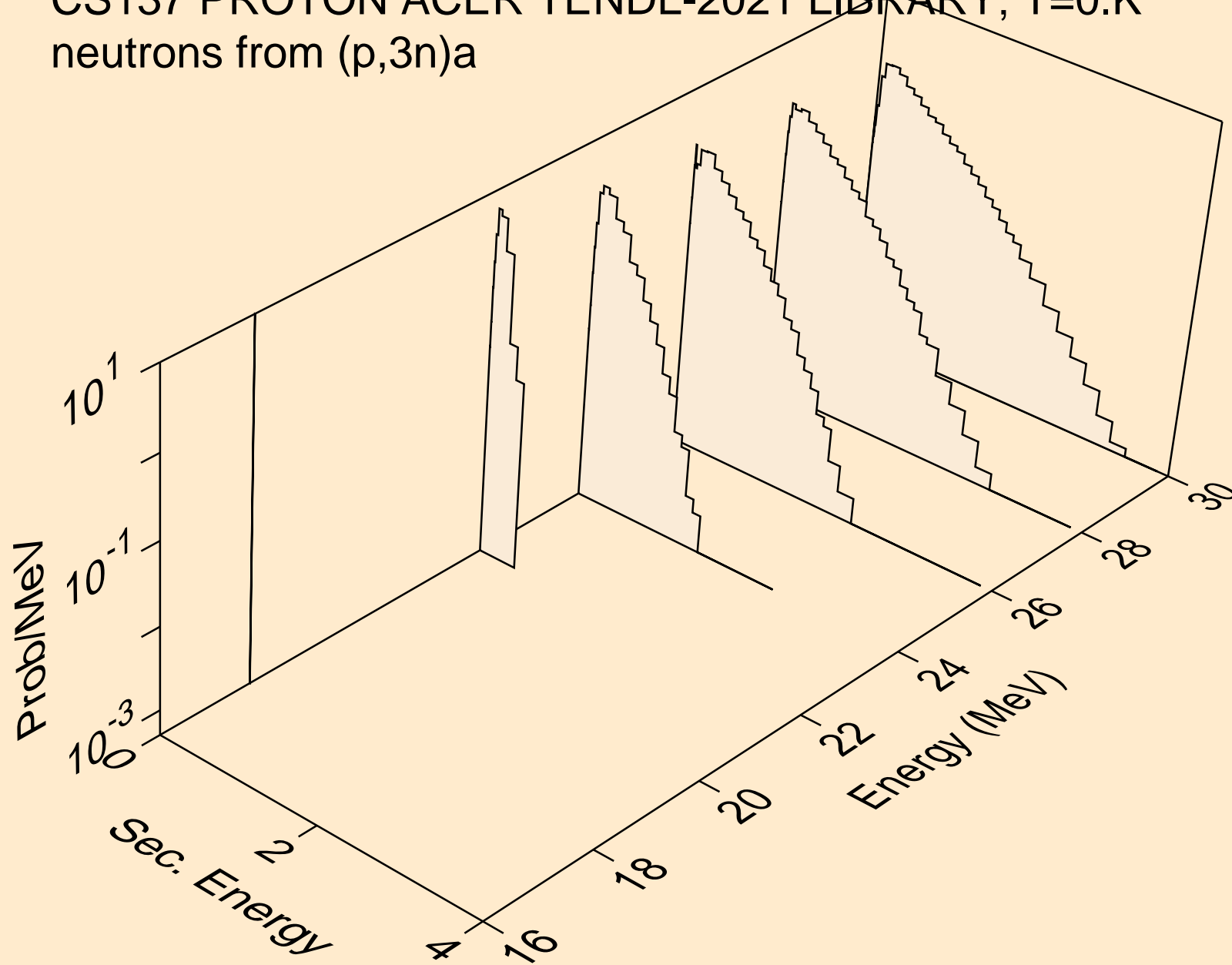
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



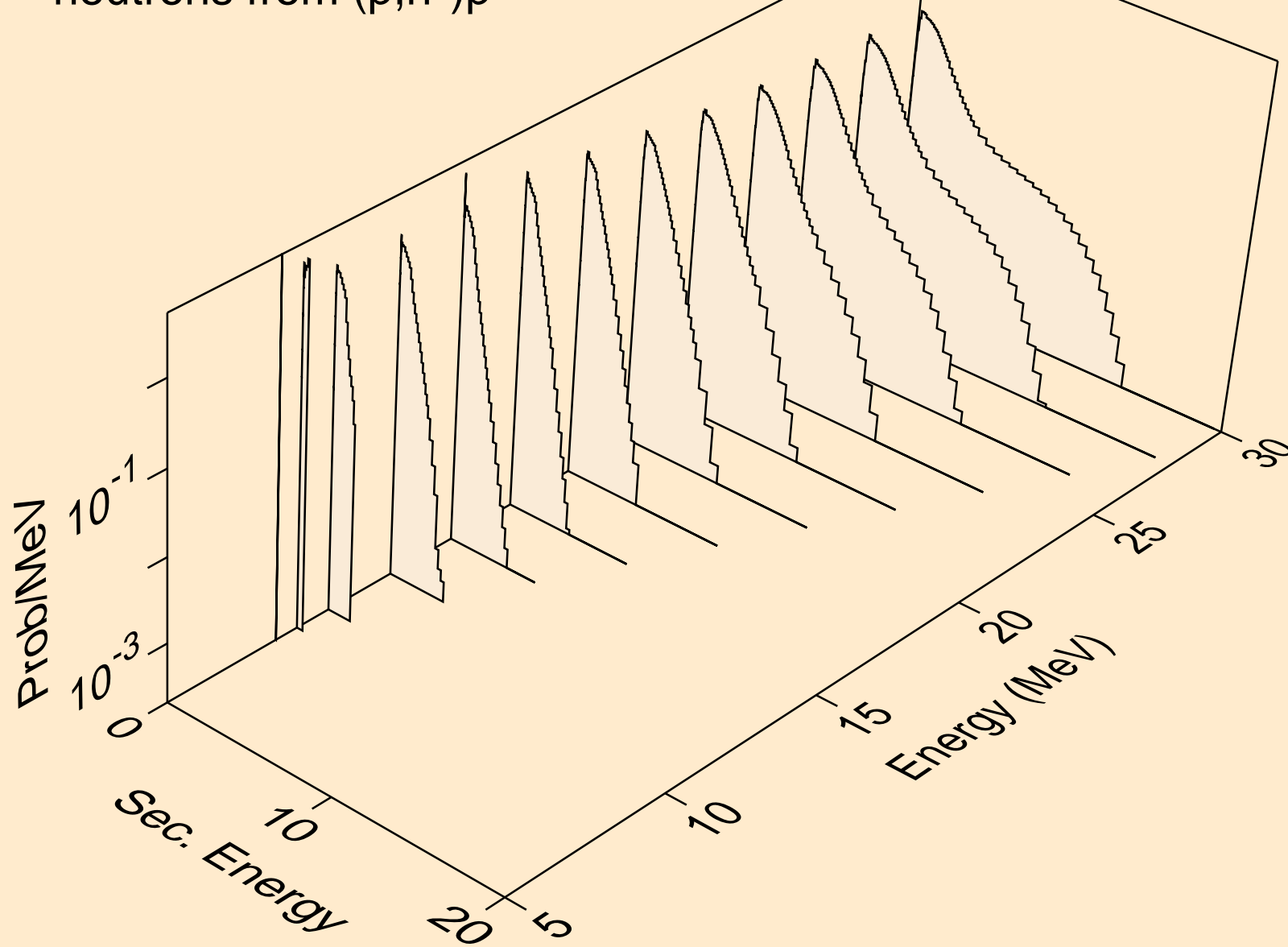
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



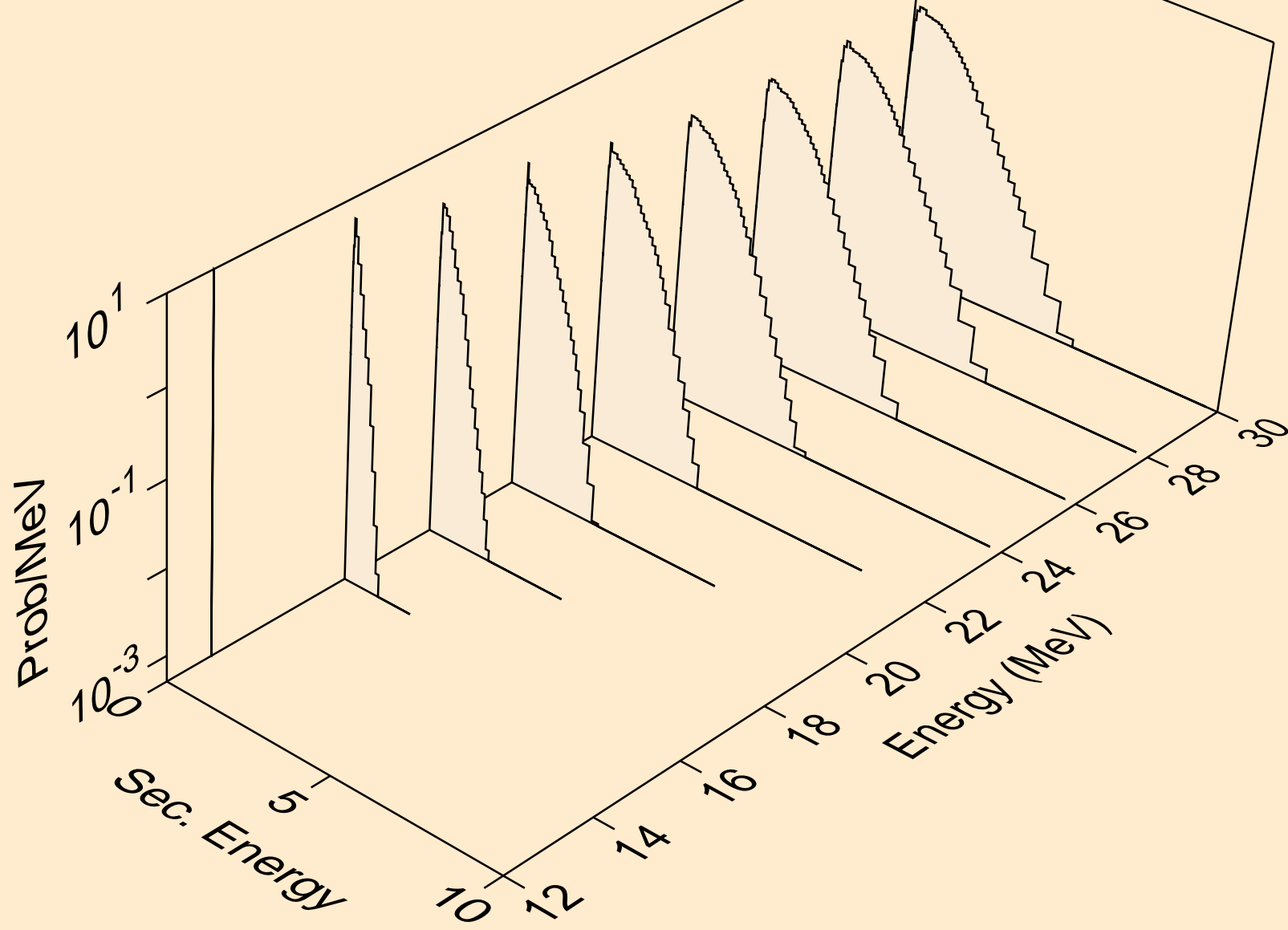
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)a



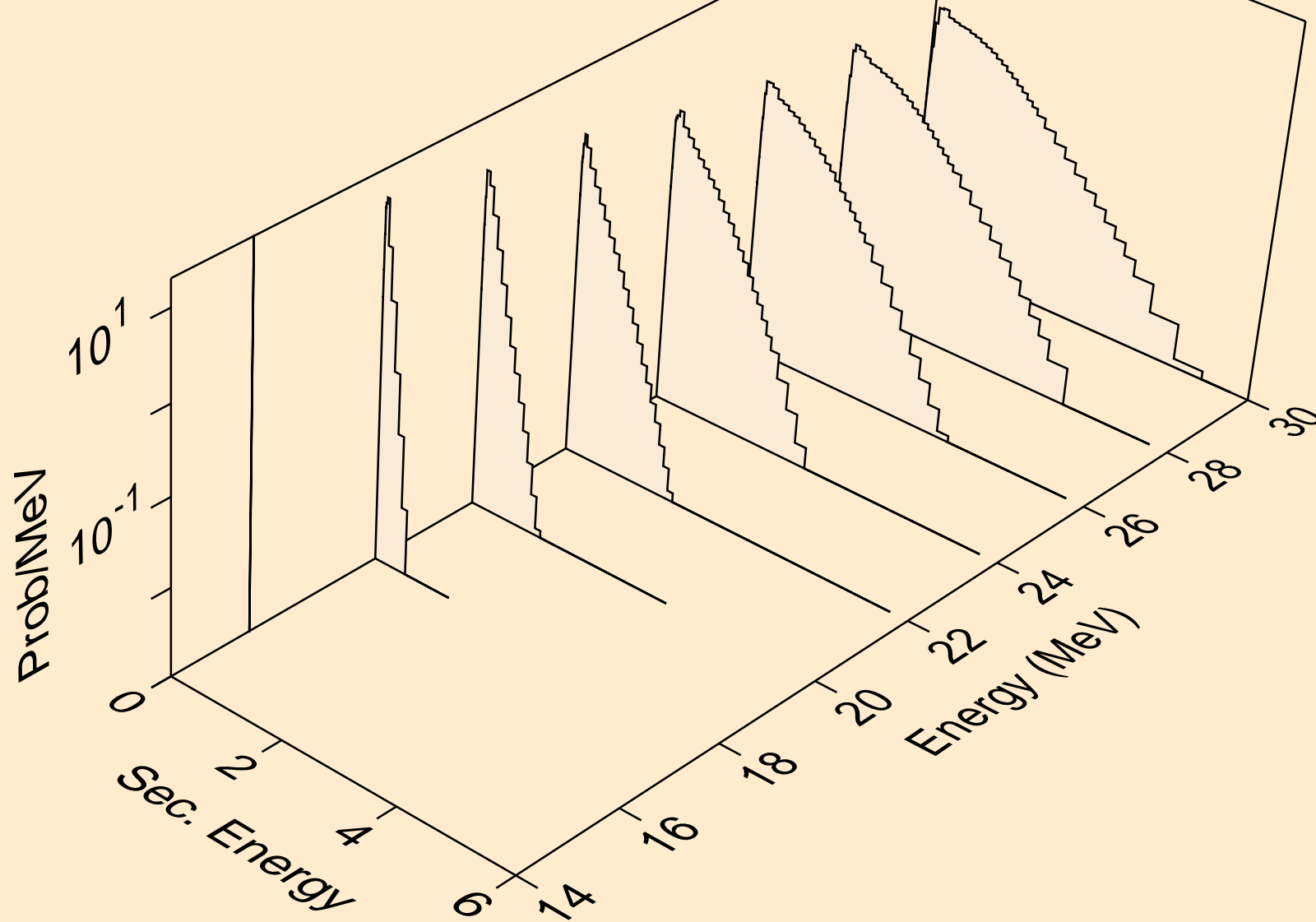
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



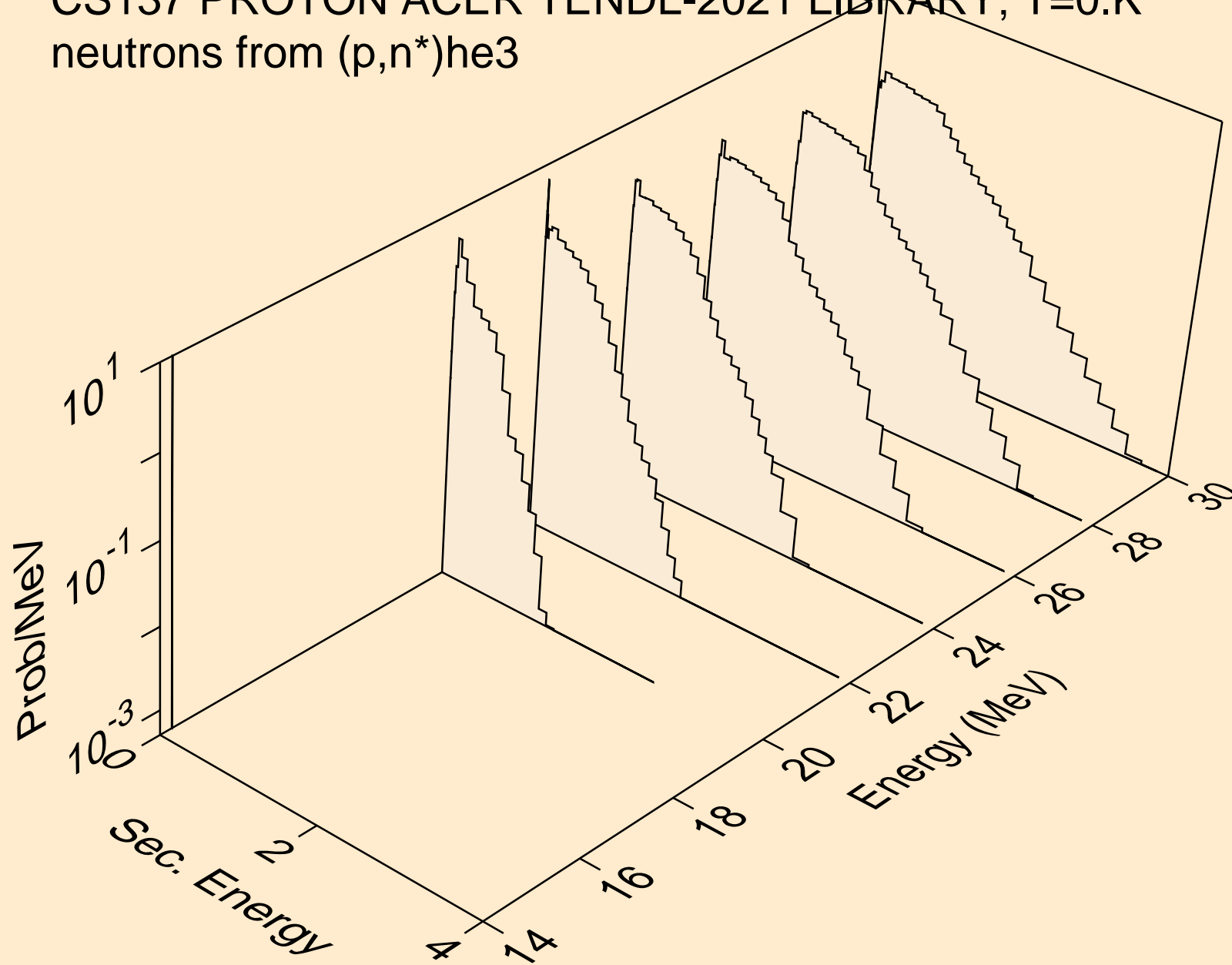
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d



CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t

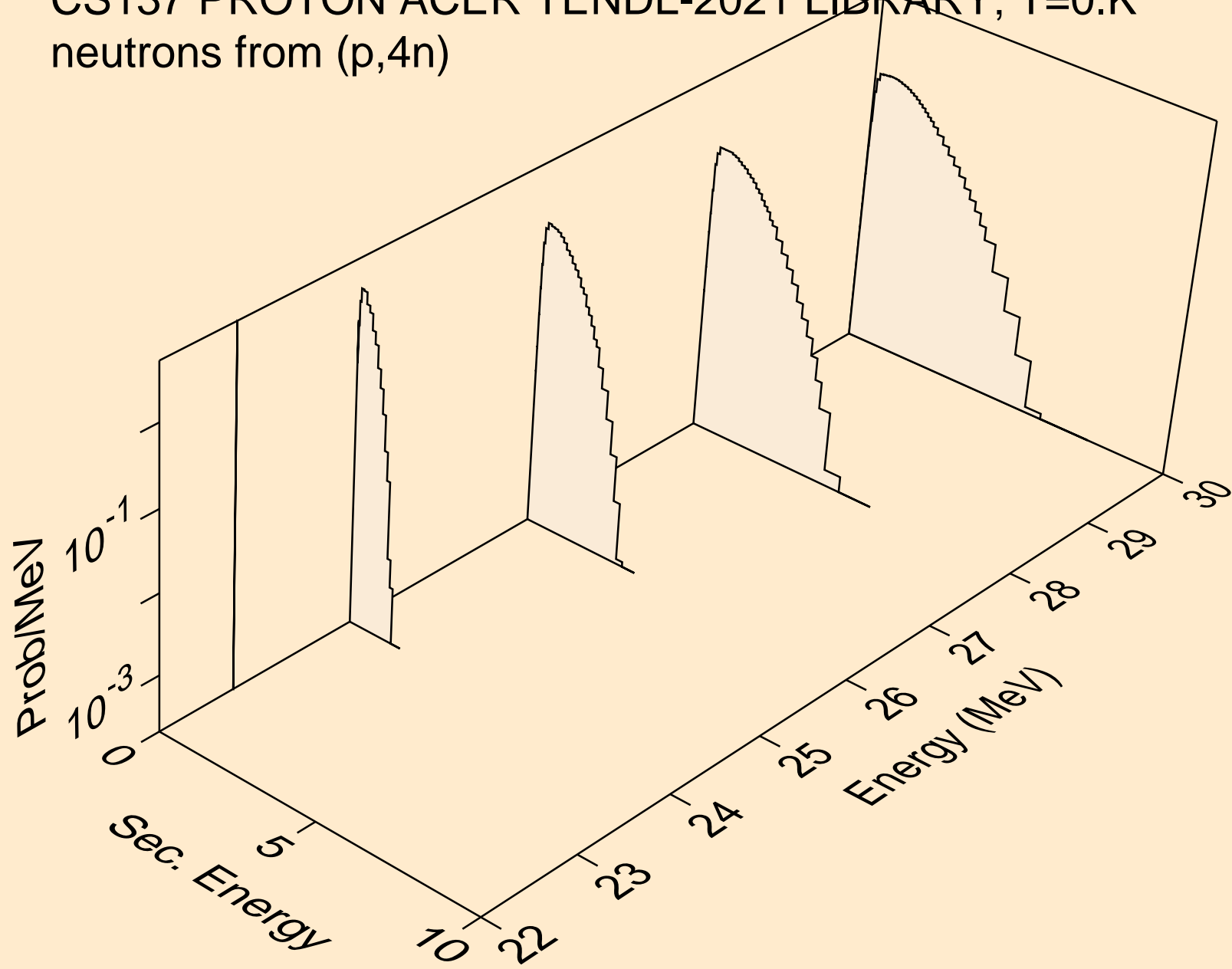


CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

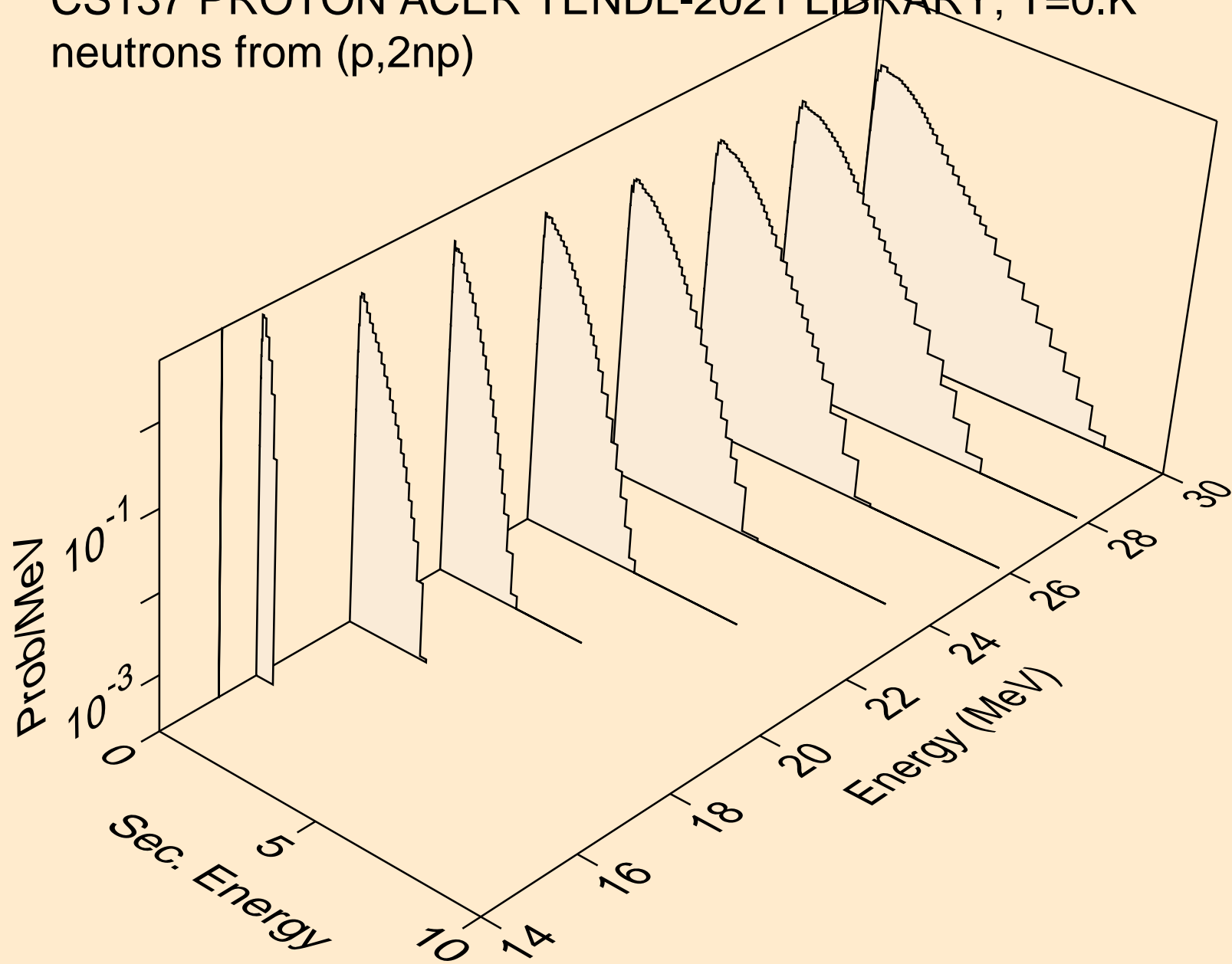




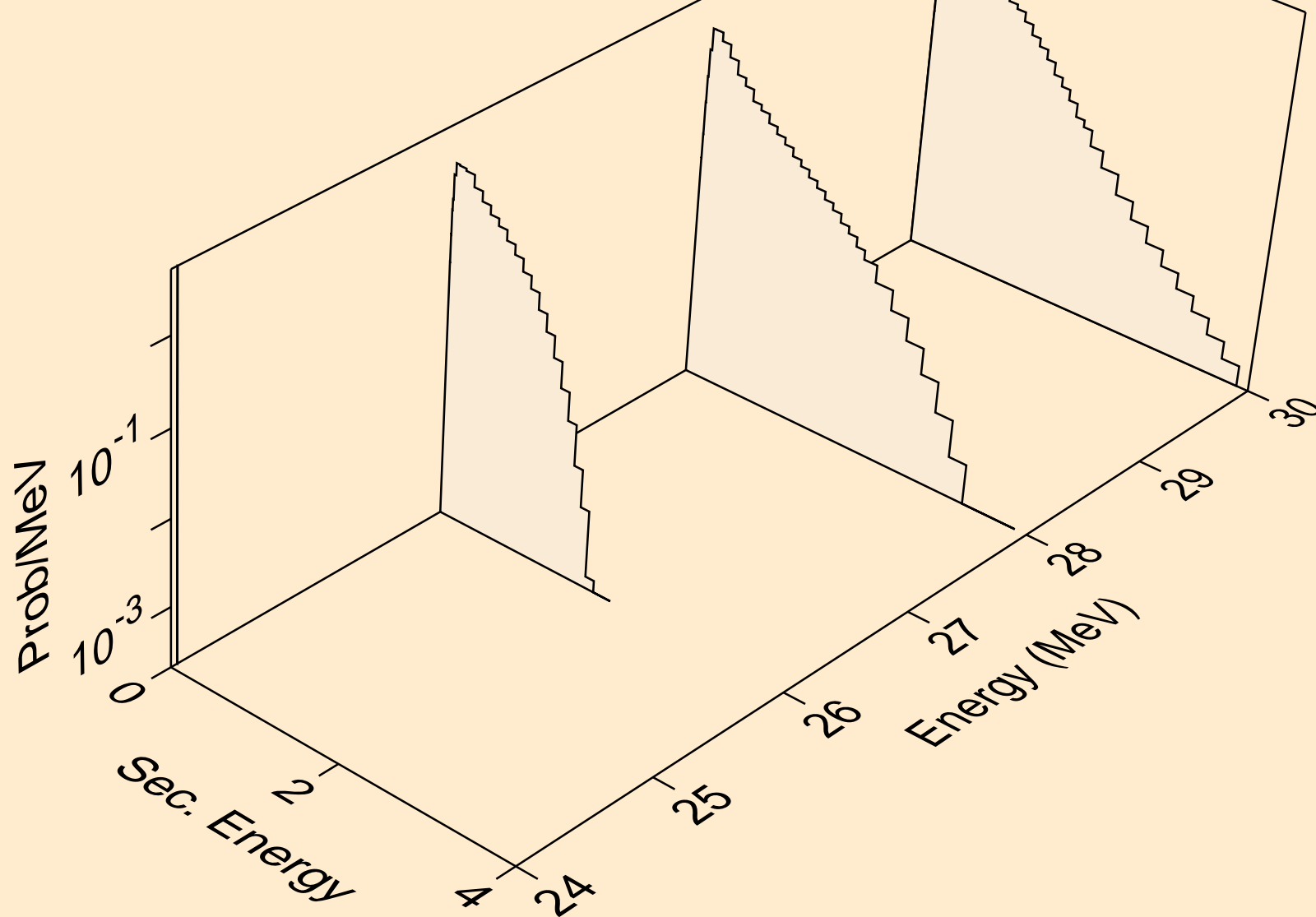
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,4n)



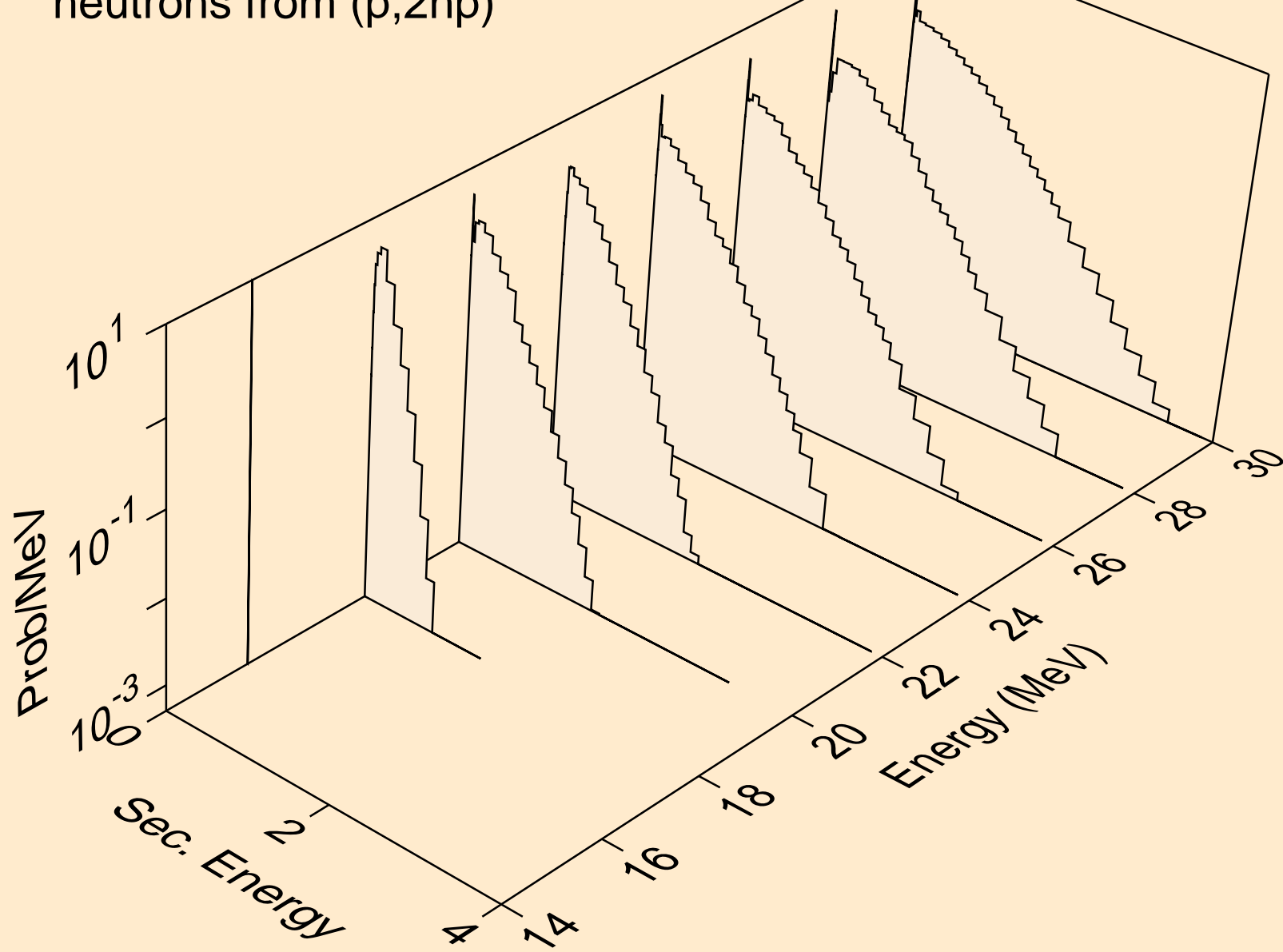
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



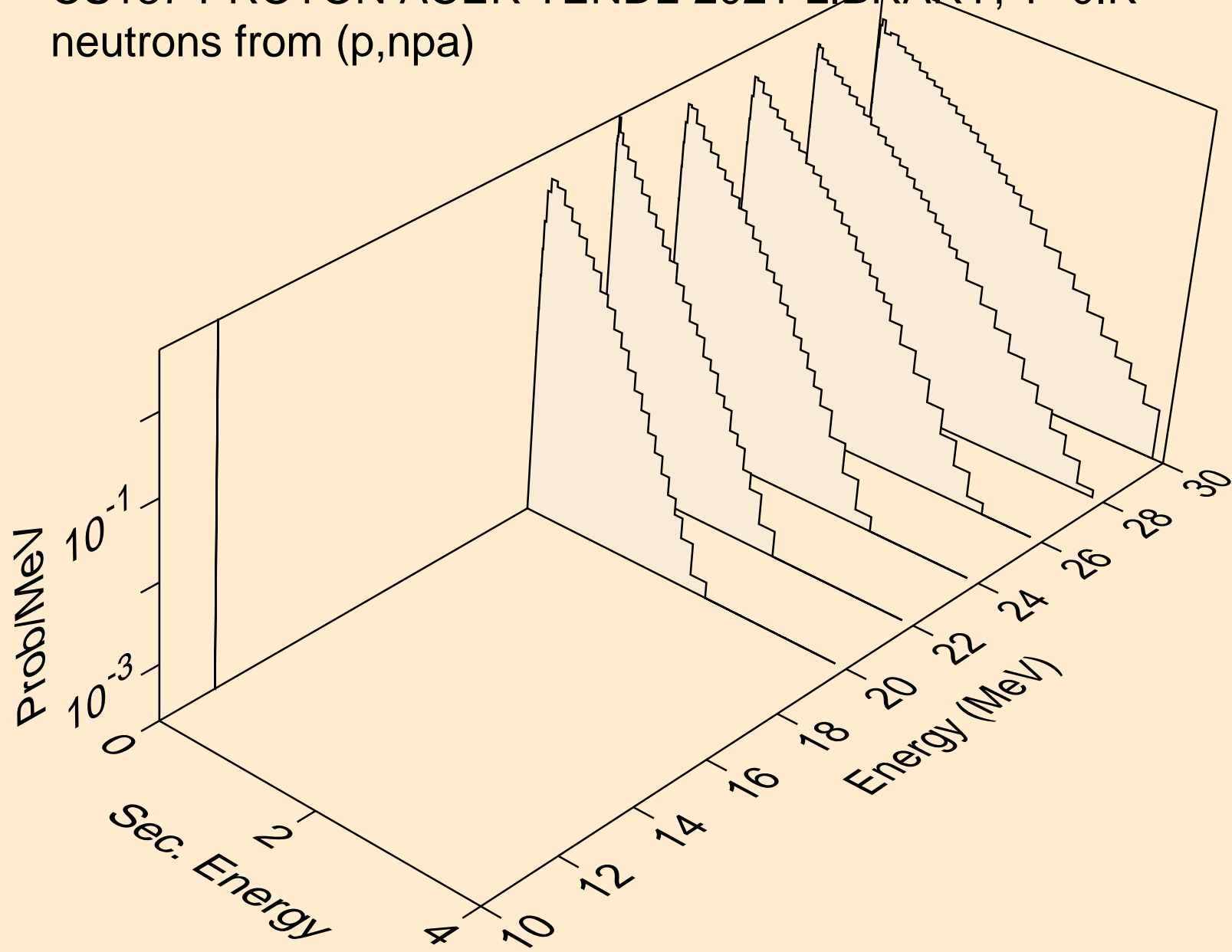
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)



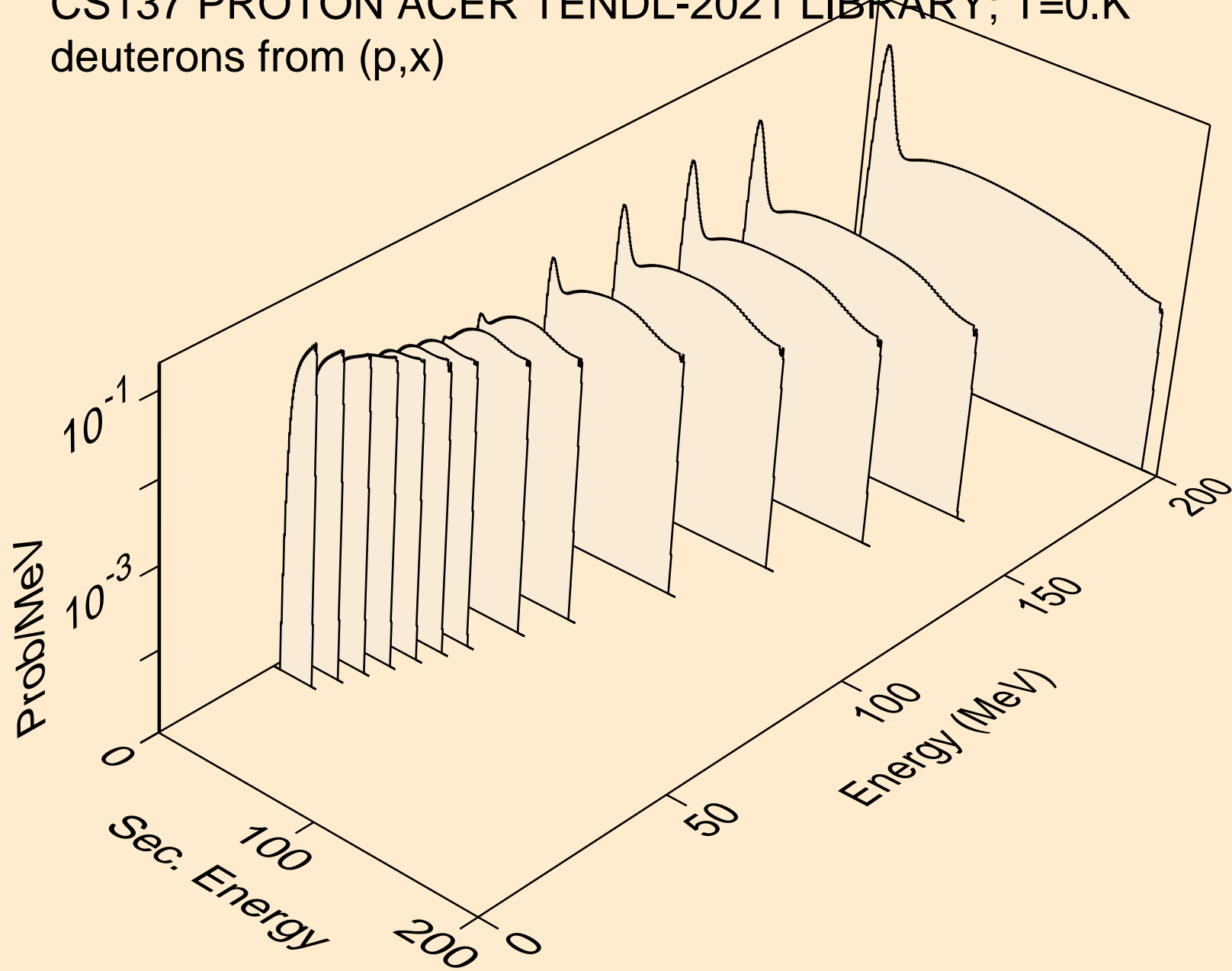
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



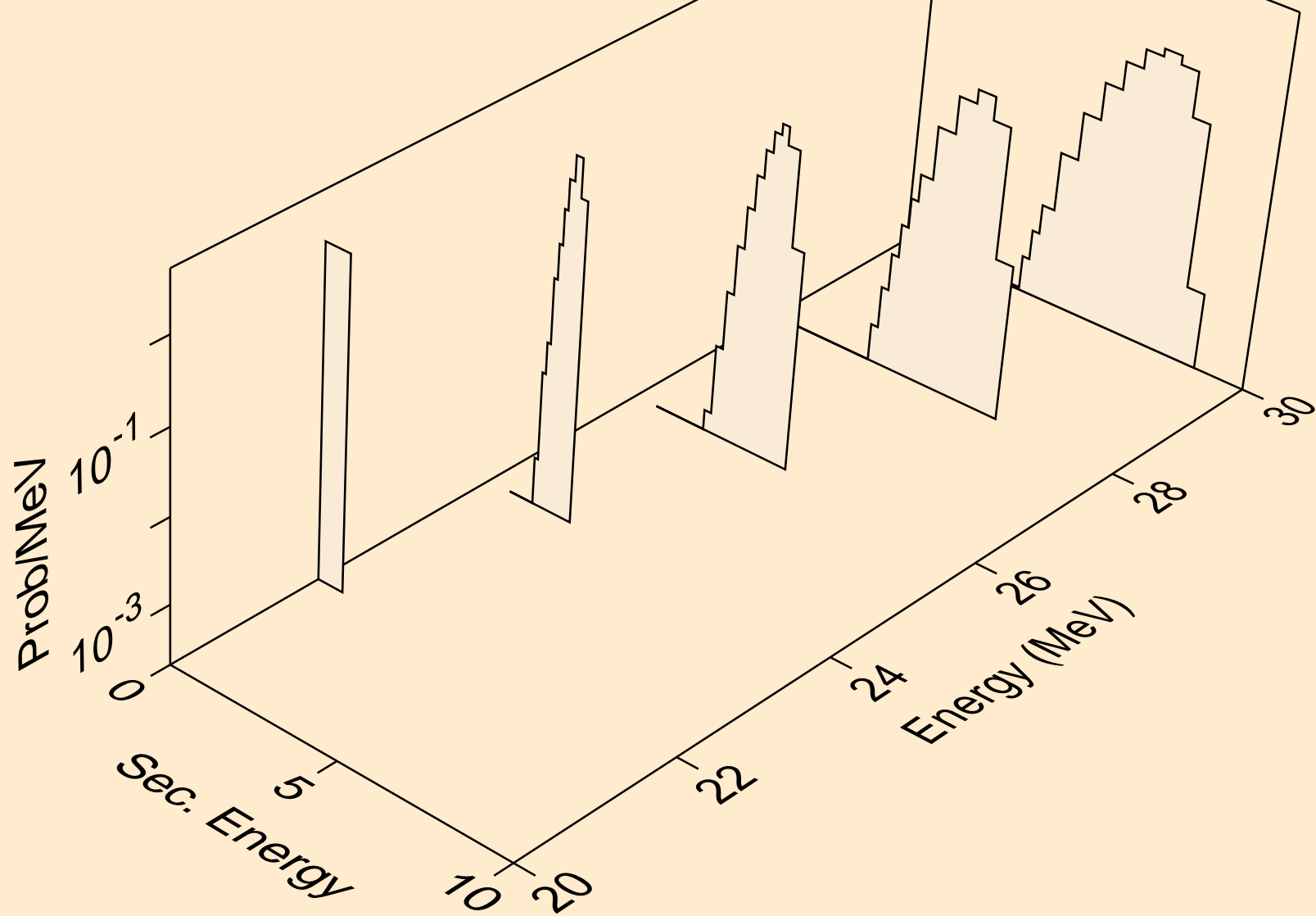
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)



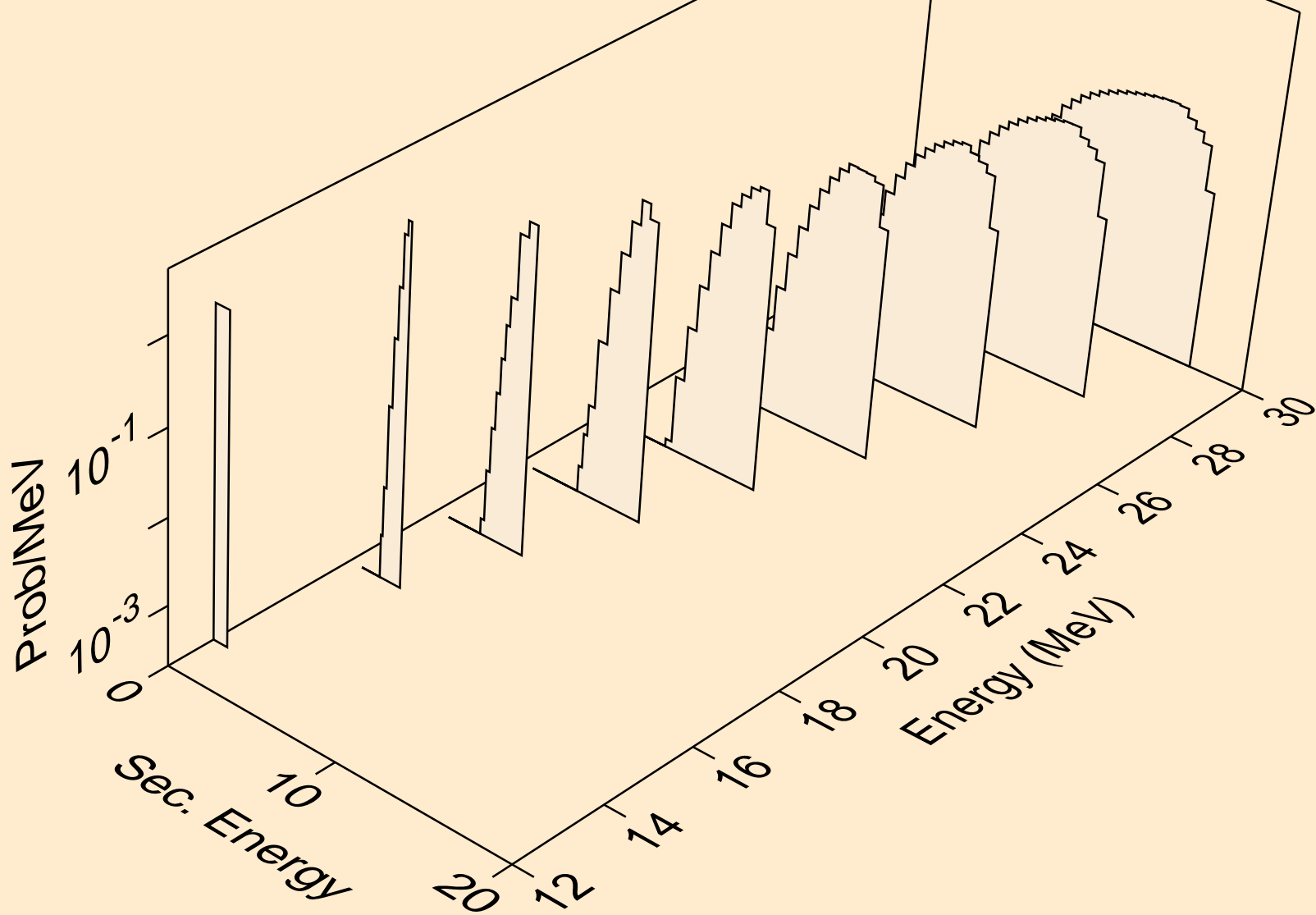
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)

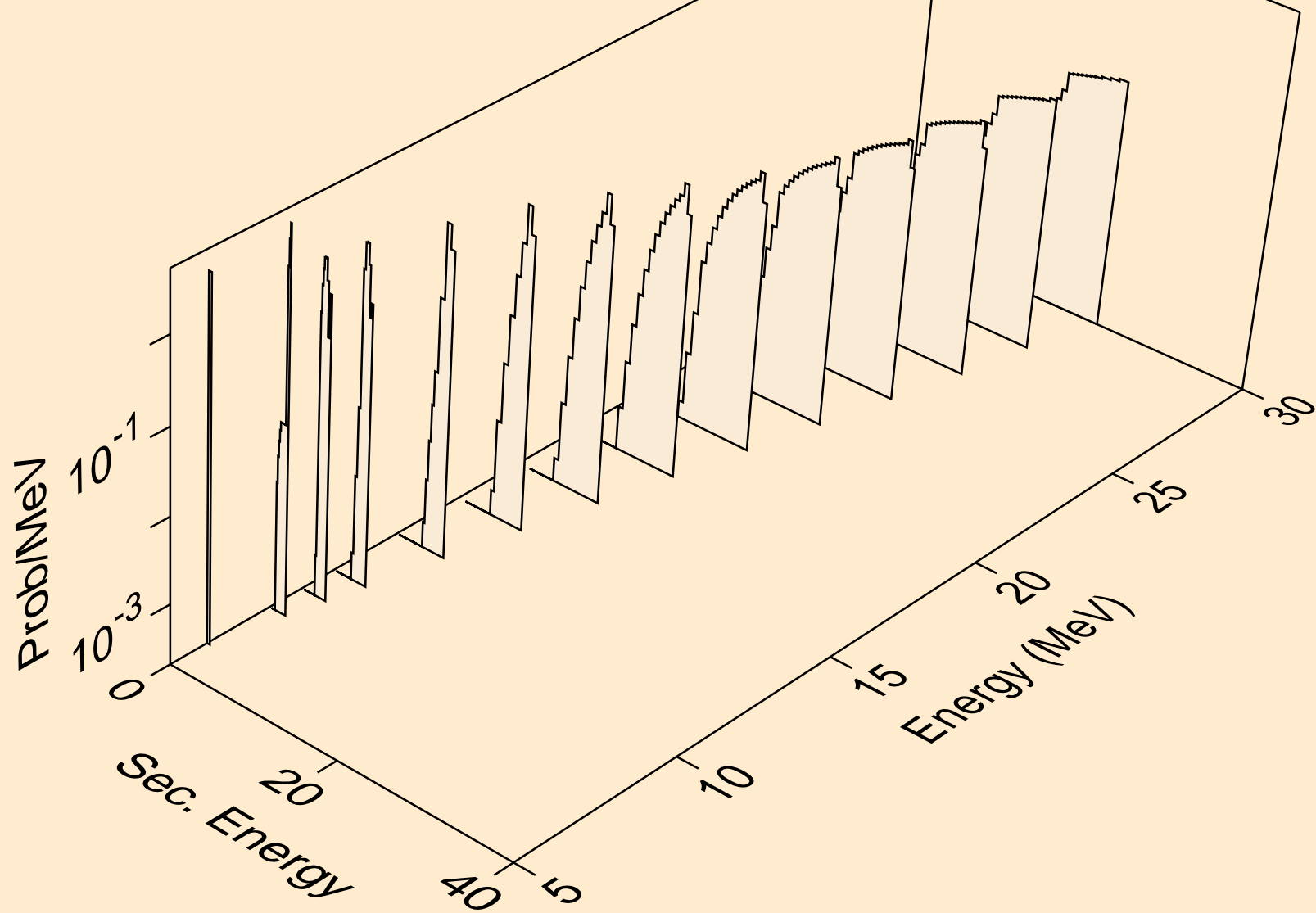


CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d

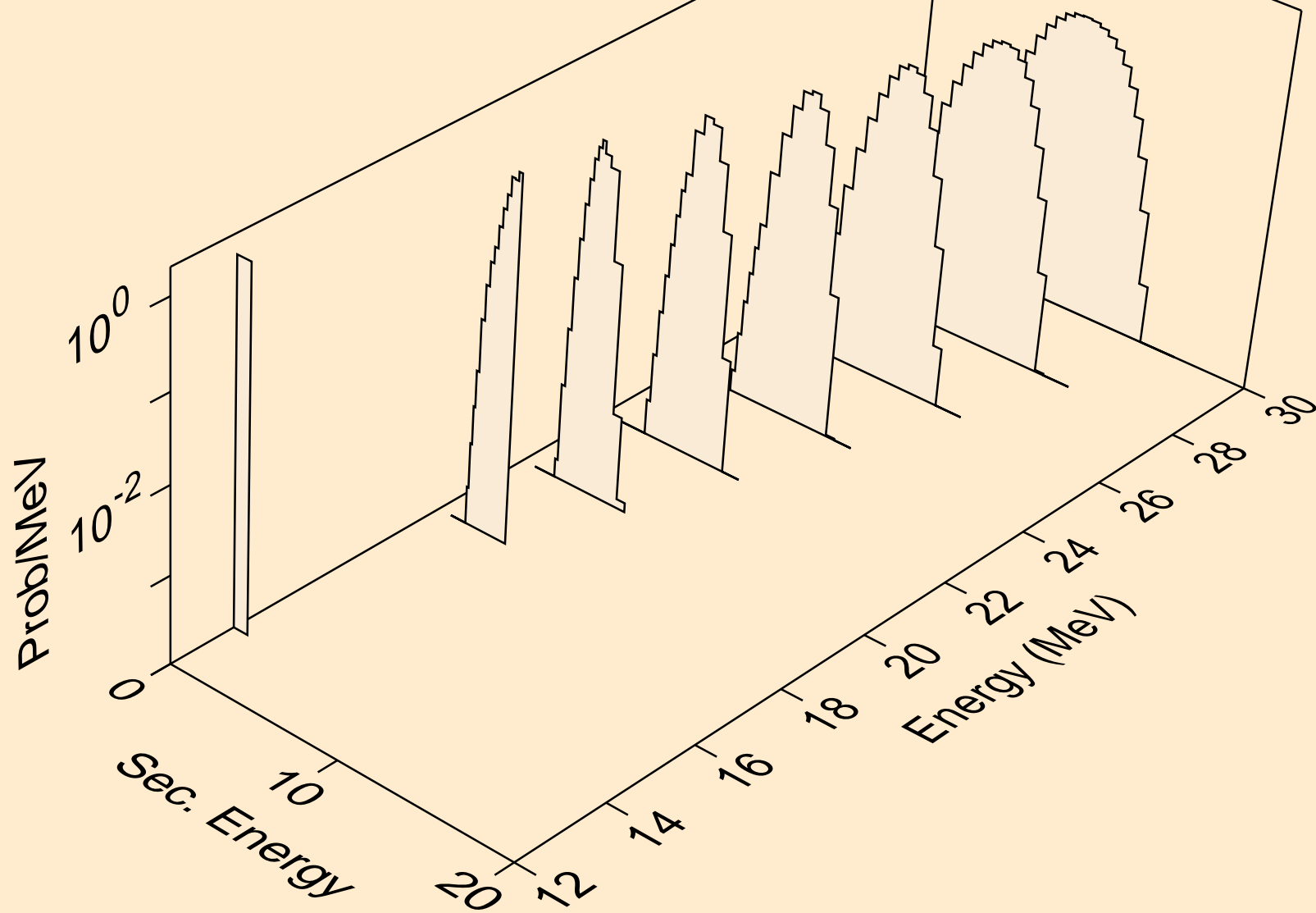




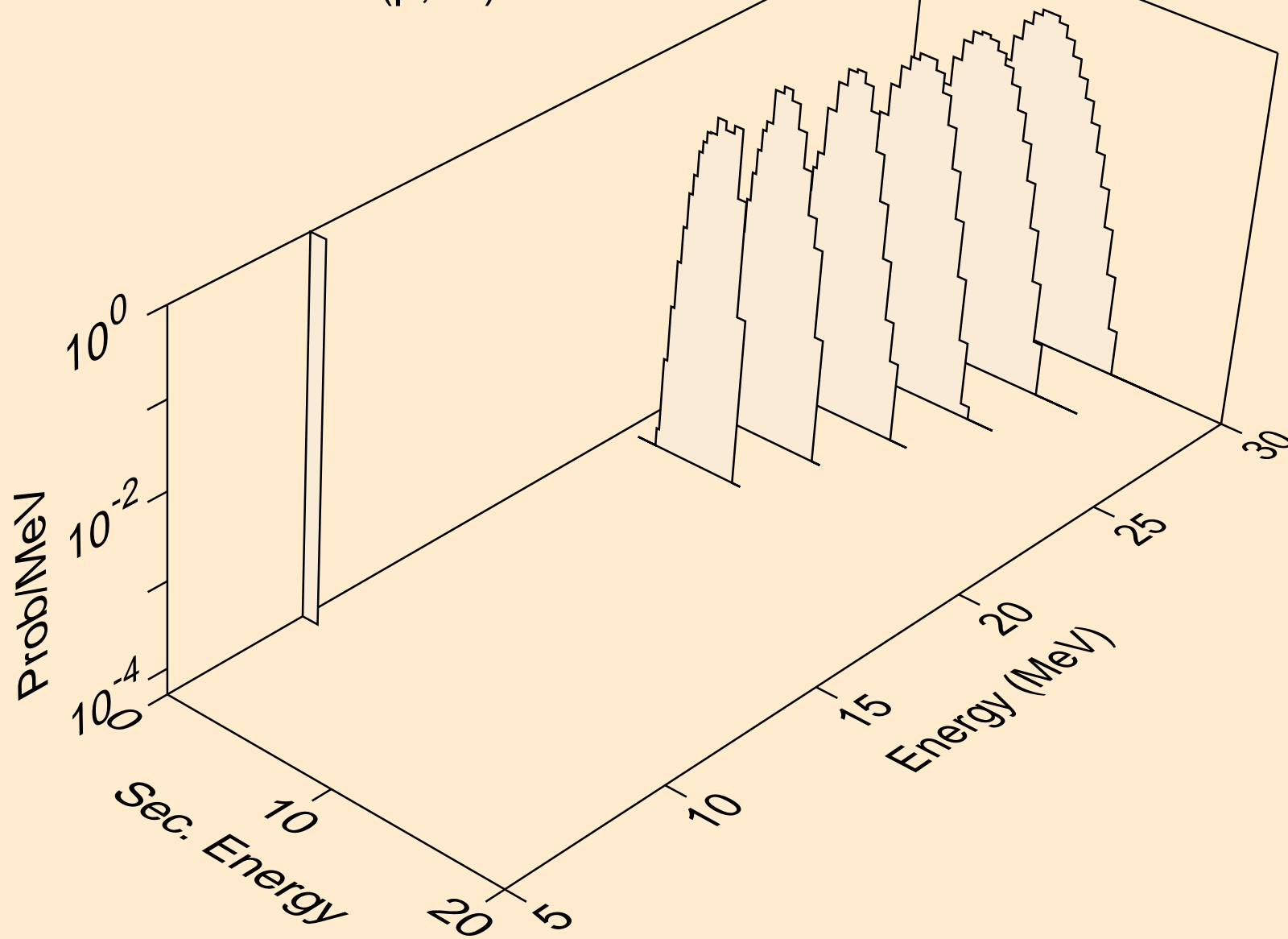
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



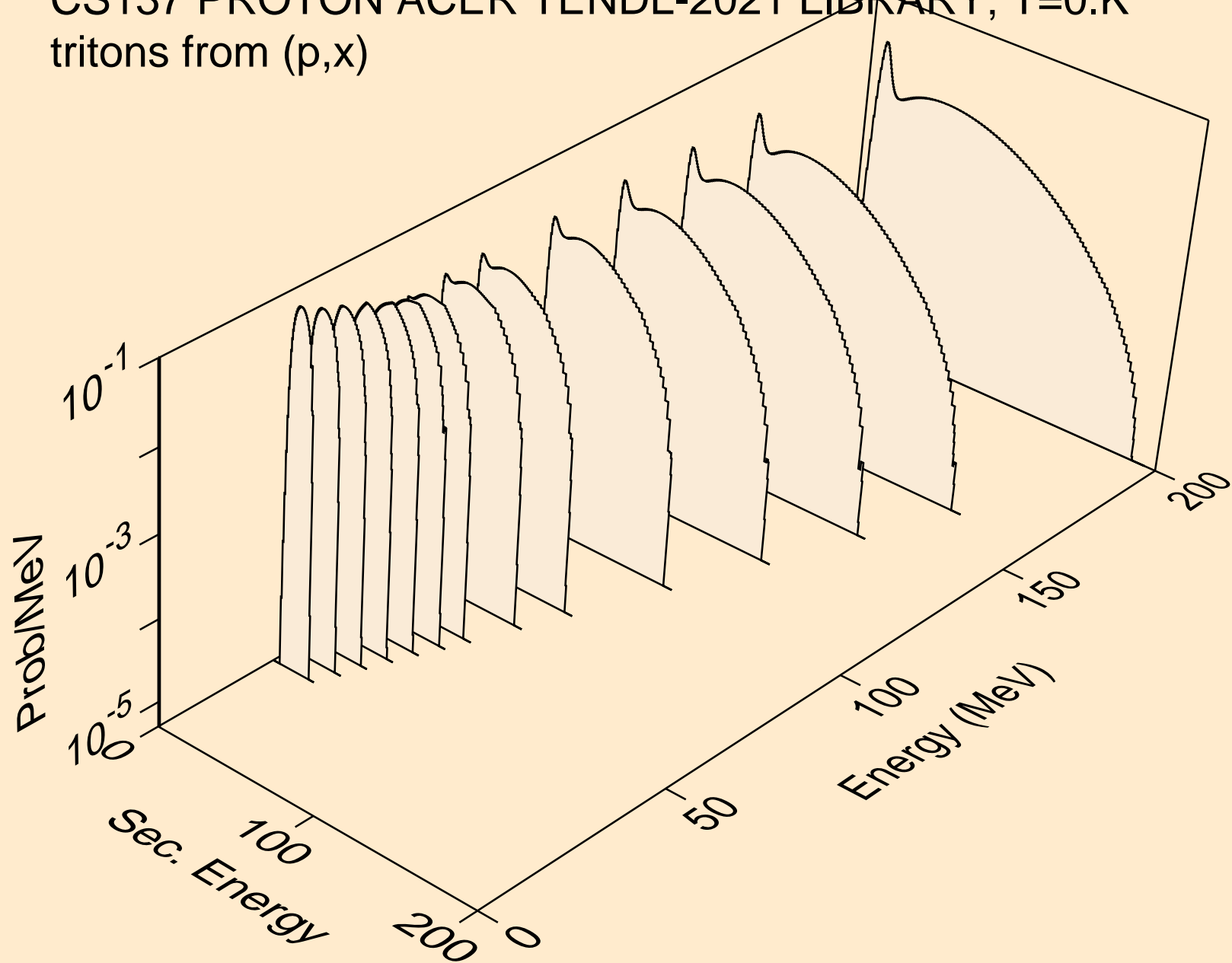
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)



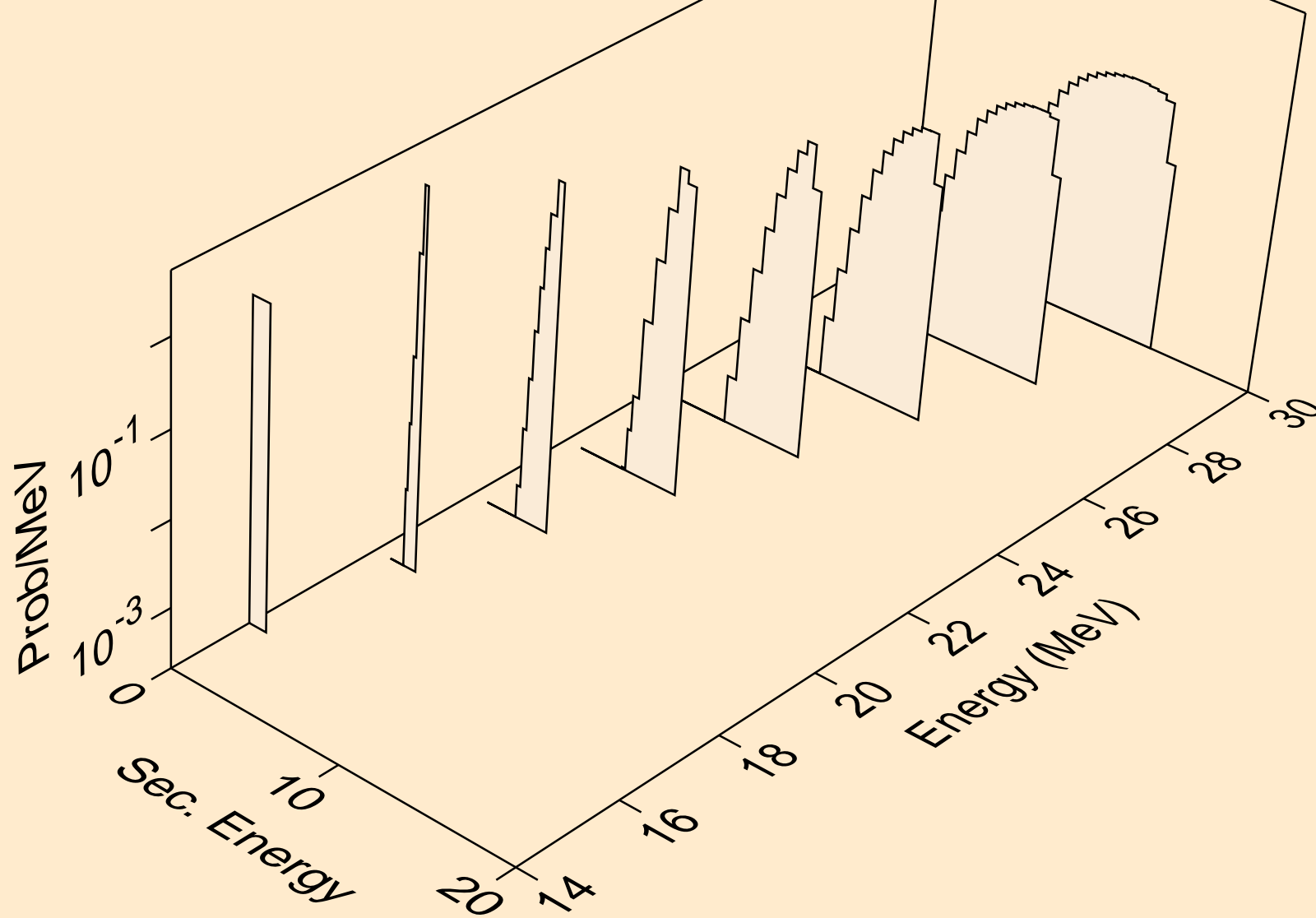
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)



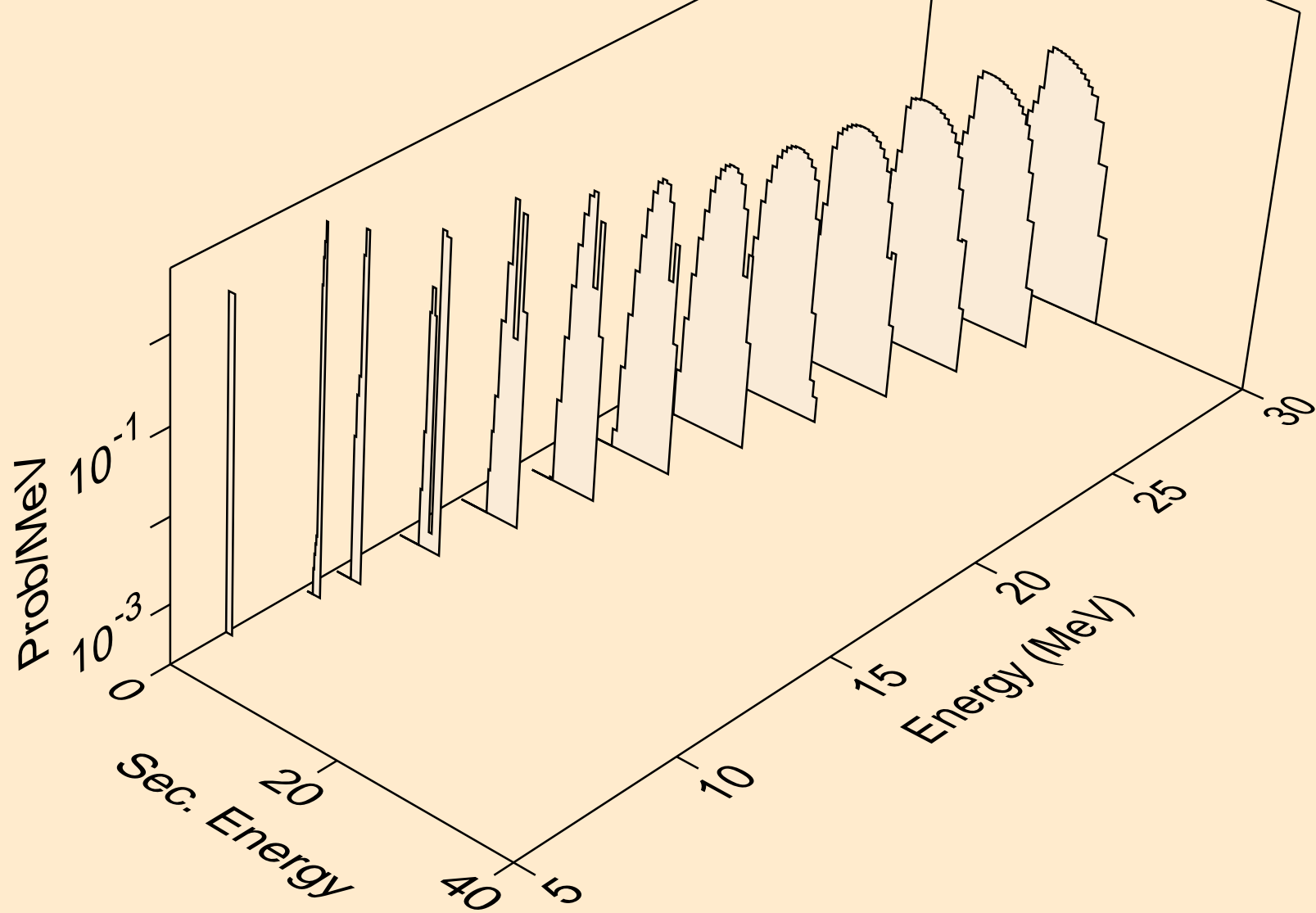
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



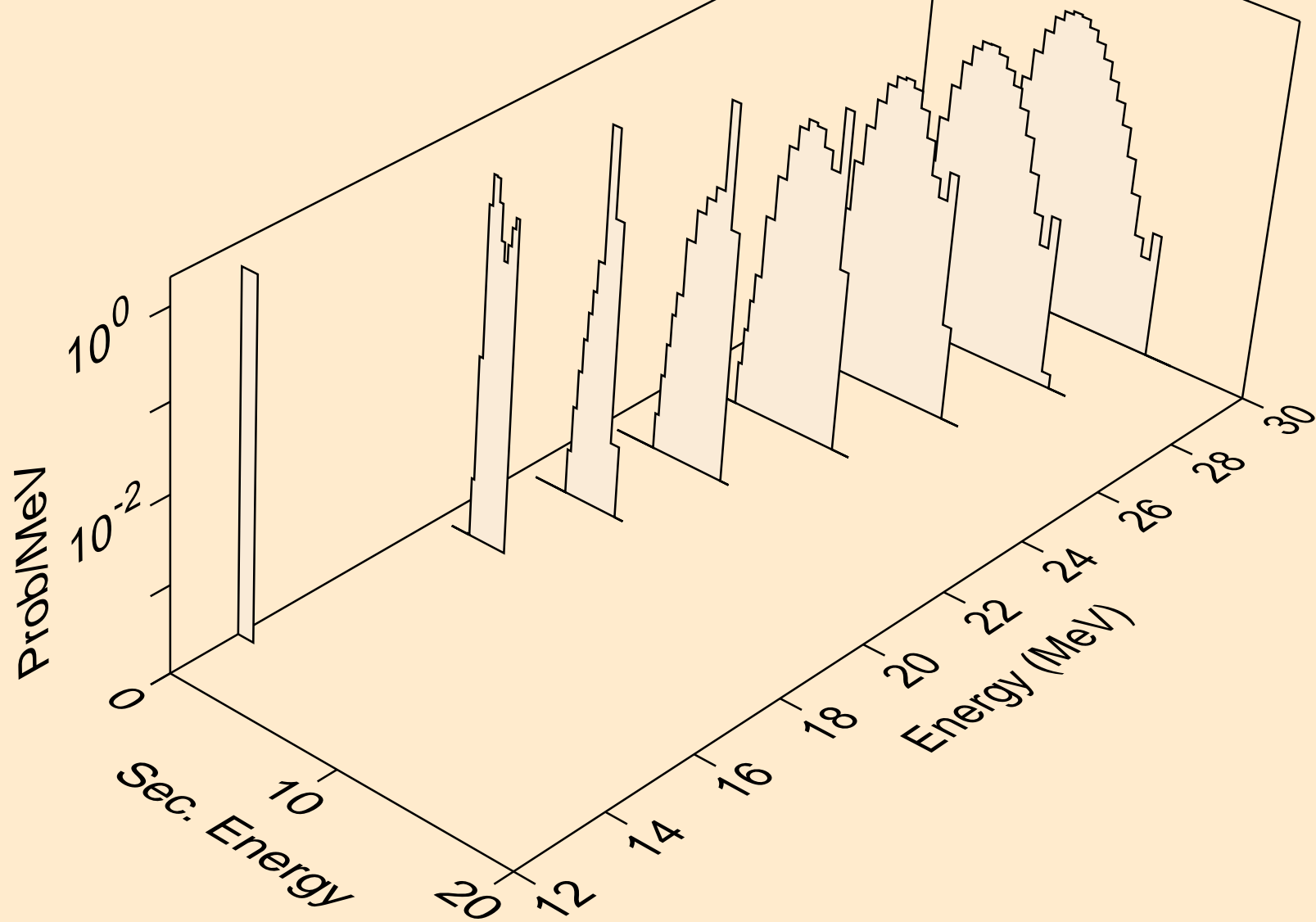
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



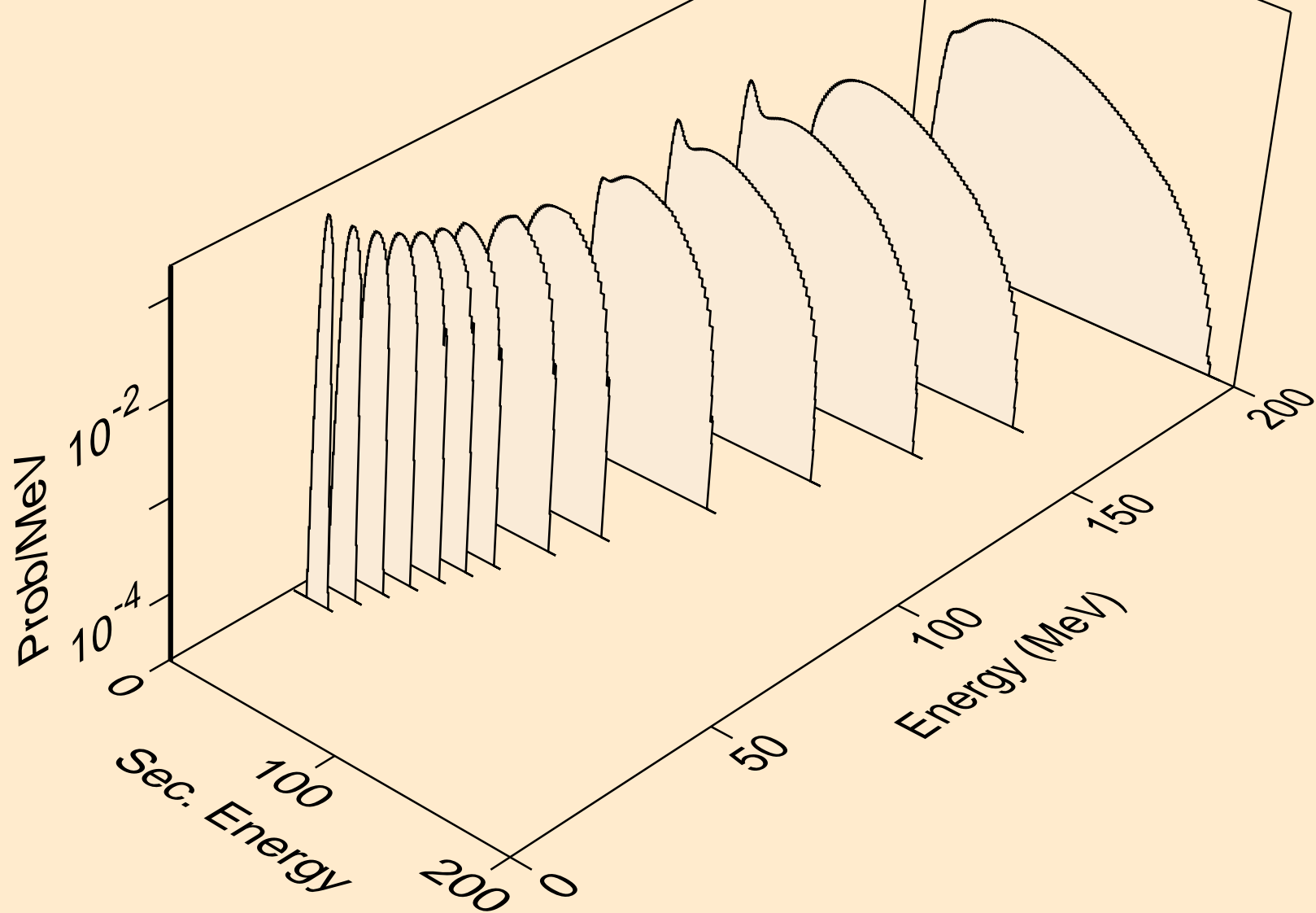
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)

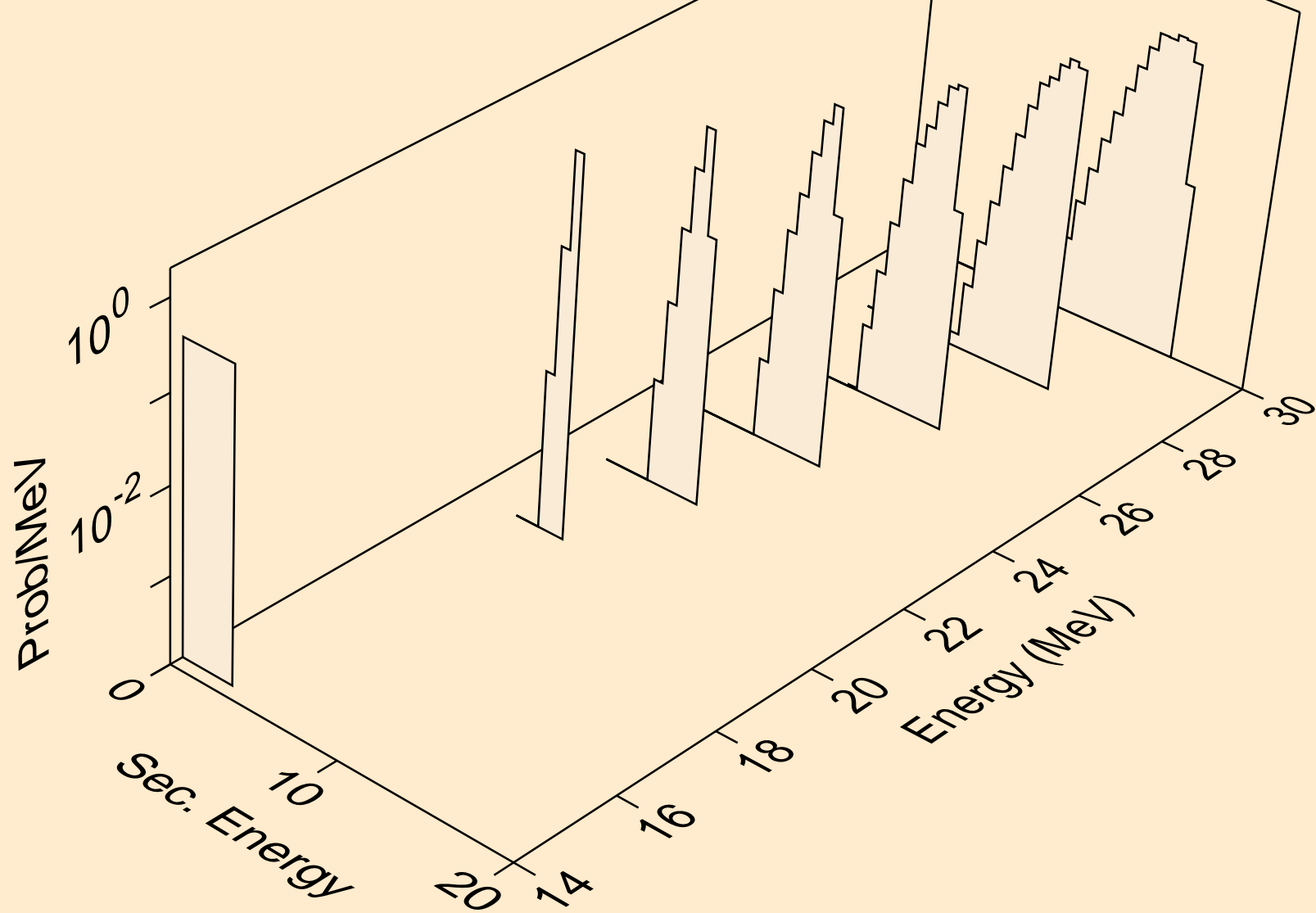


CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)

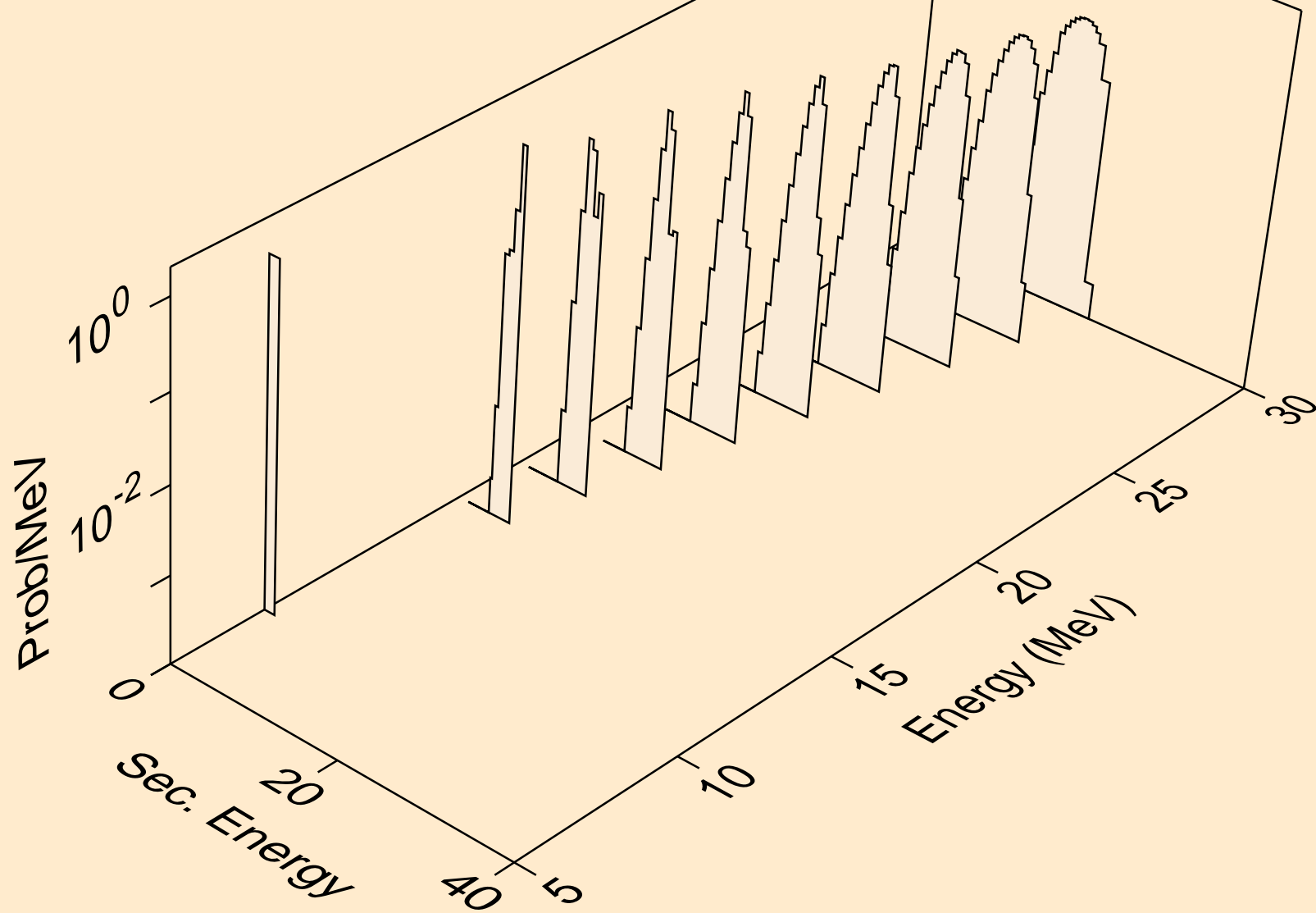




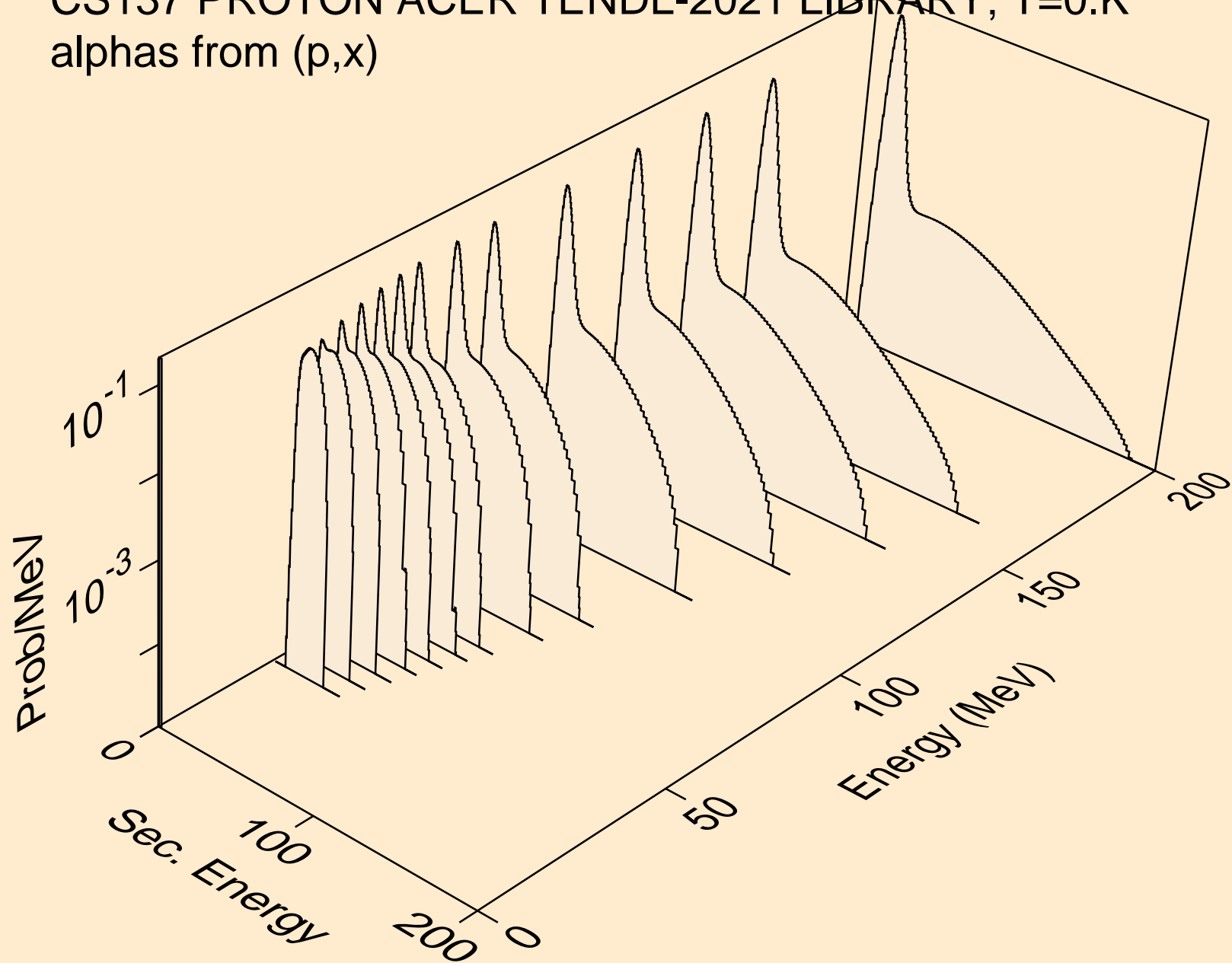
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



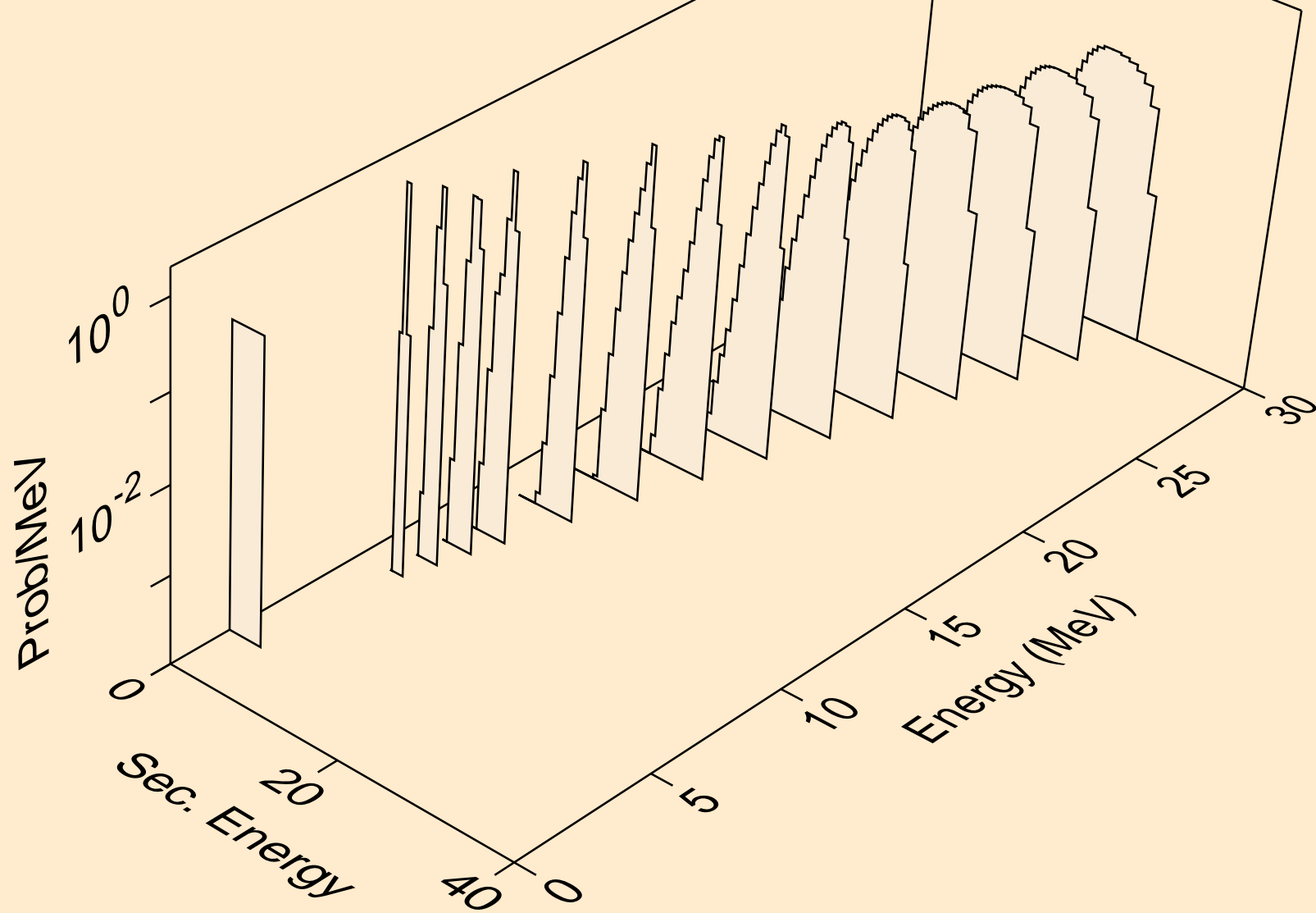
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



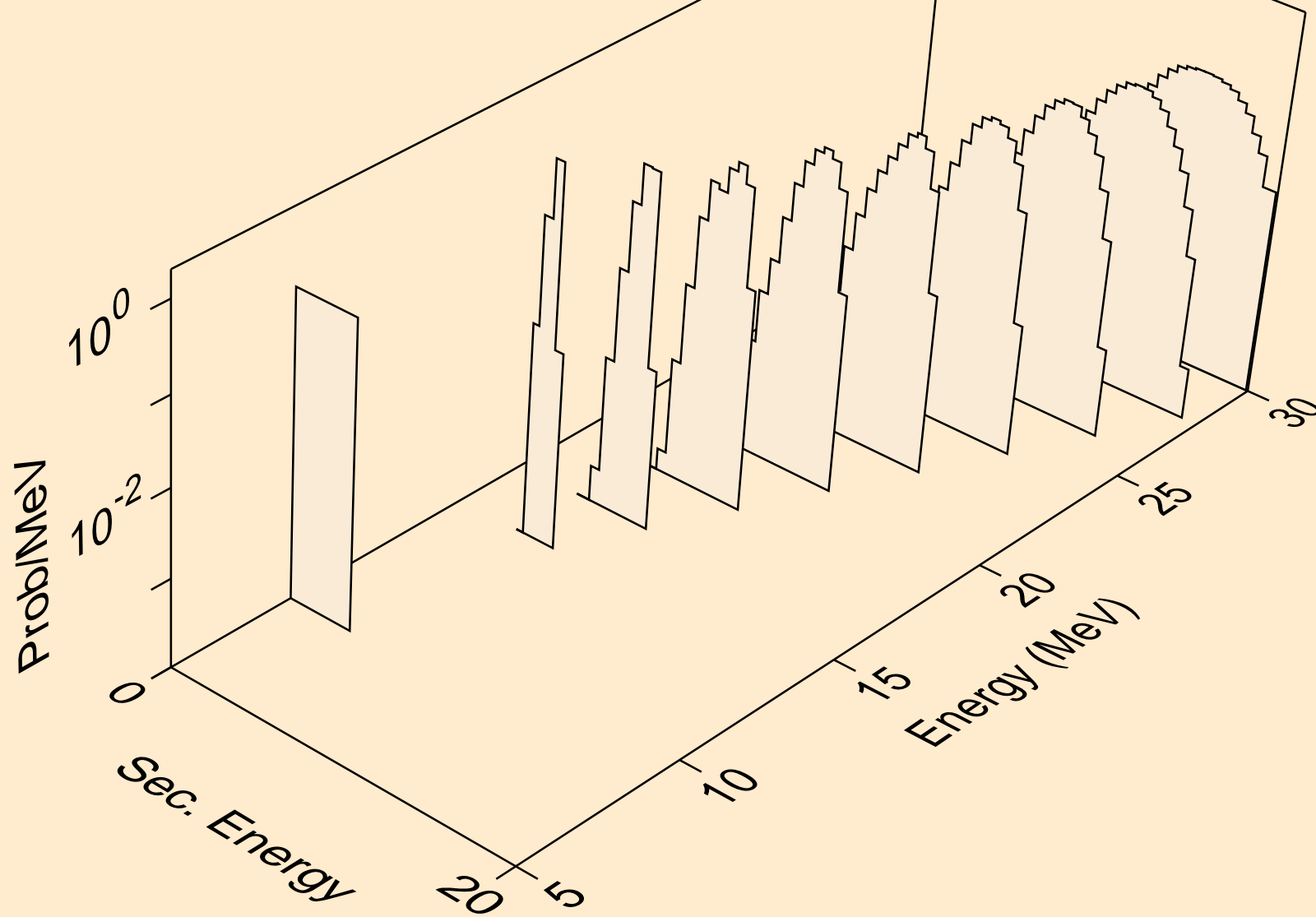
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



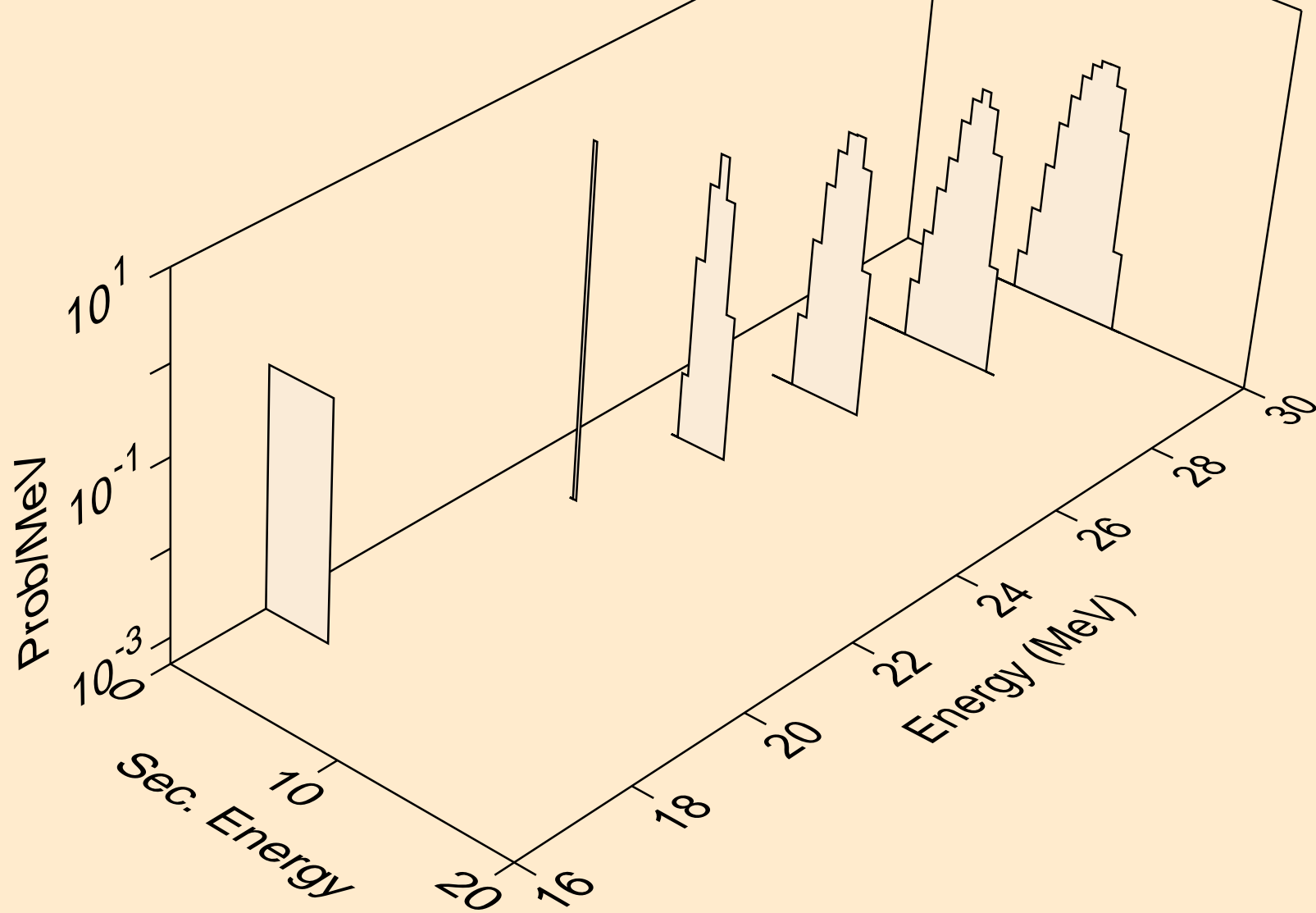
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



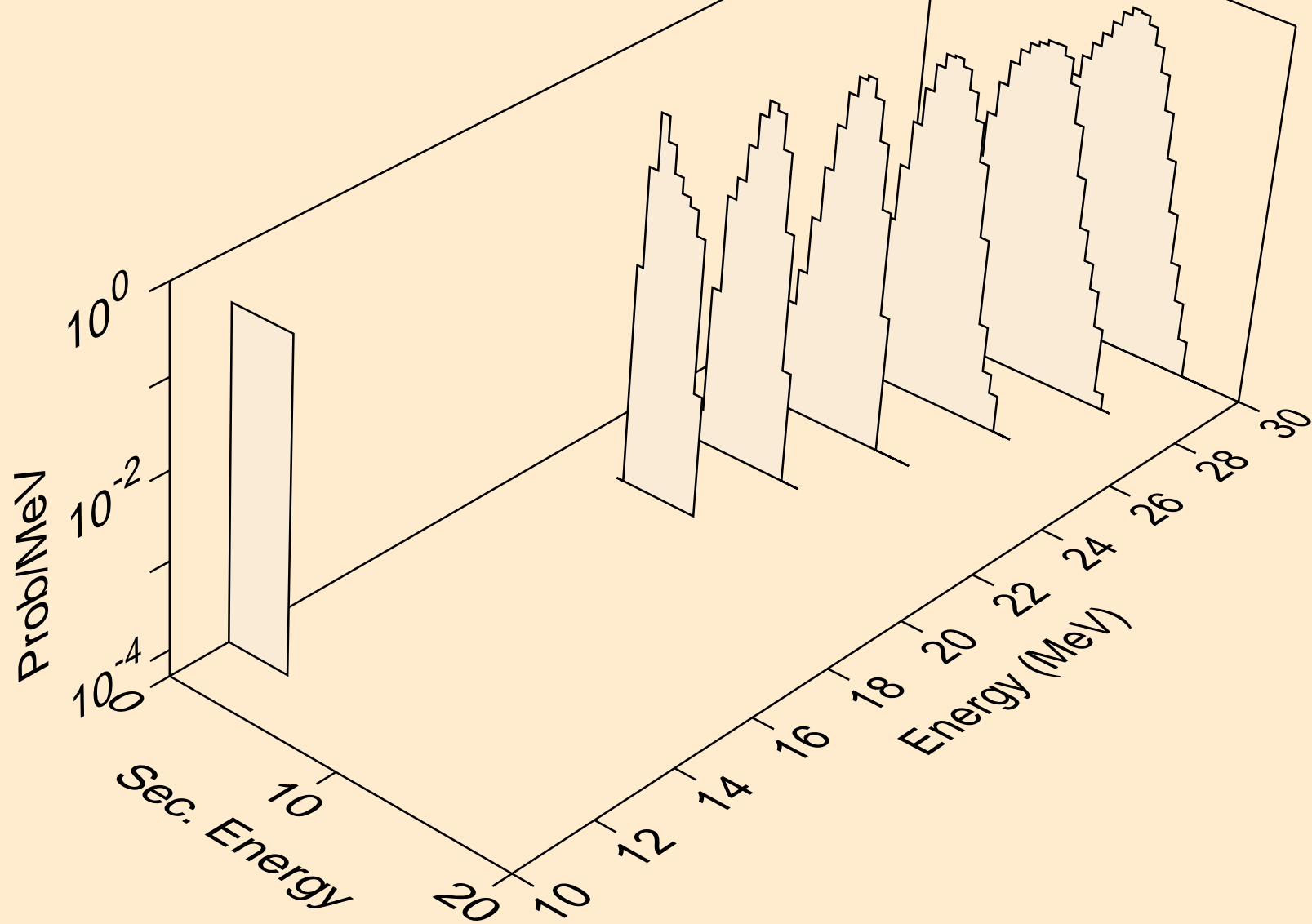
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



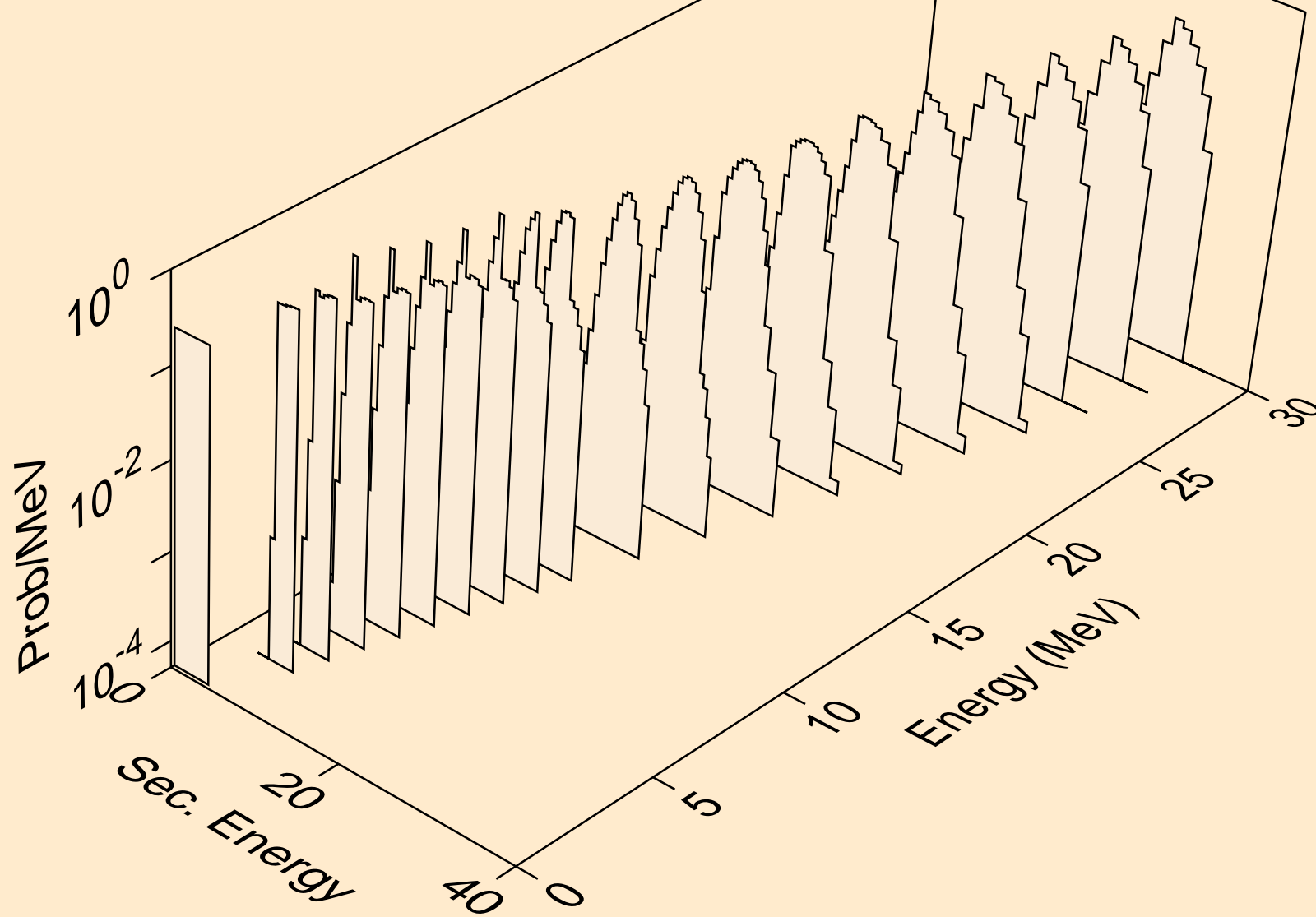
CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)

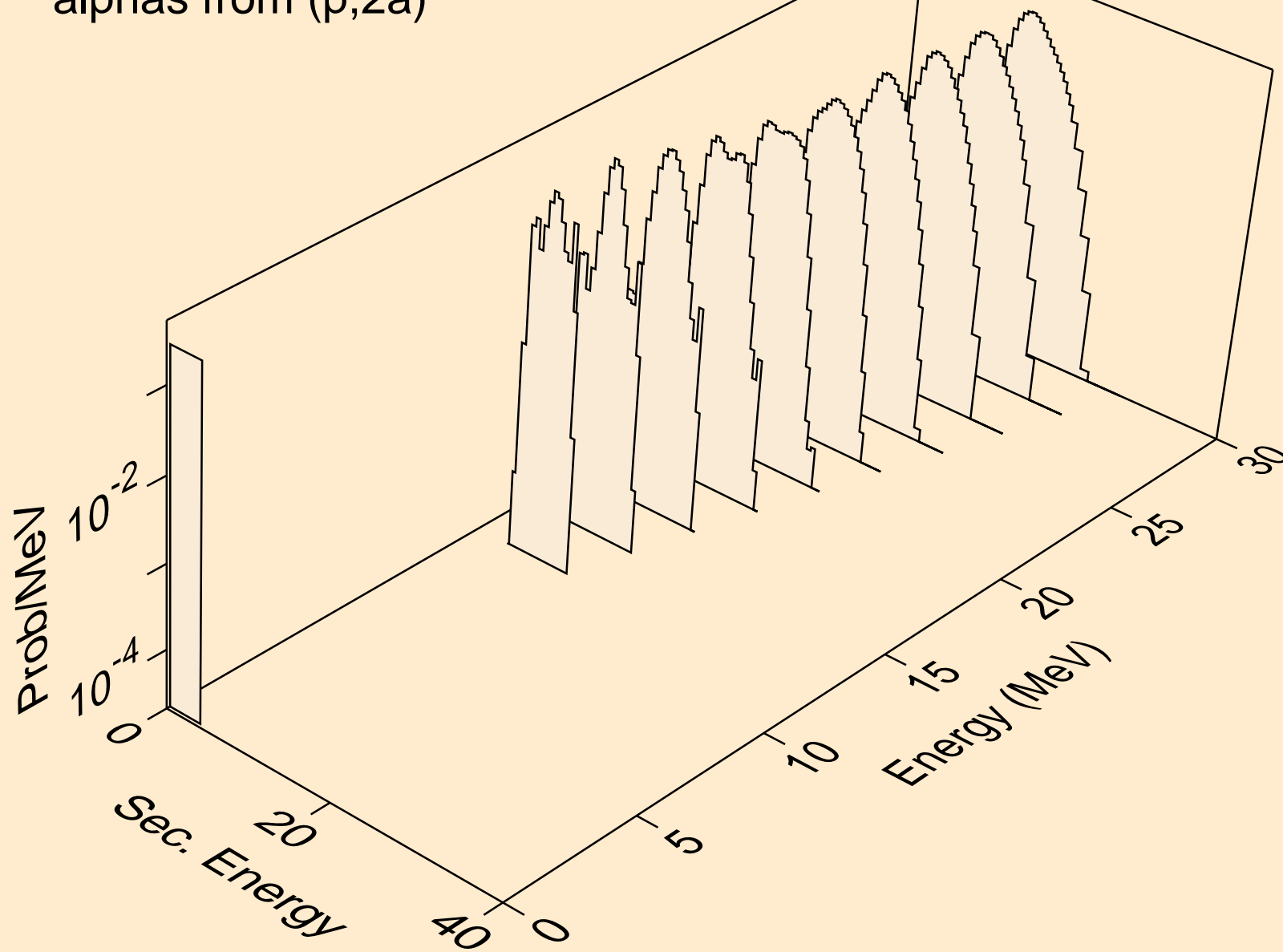


CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)

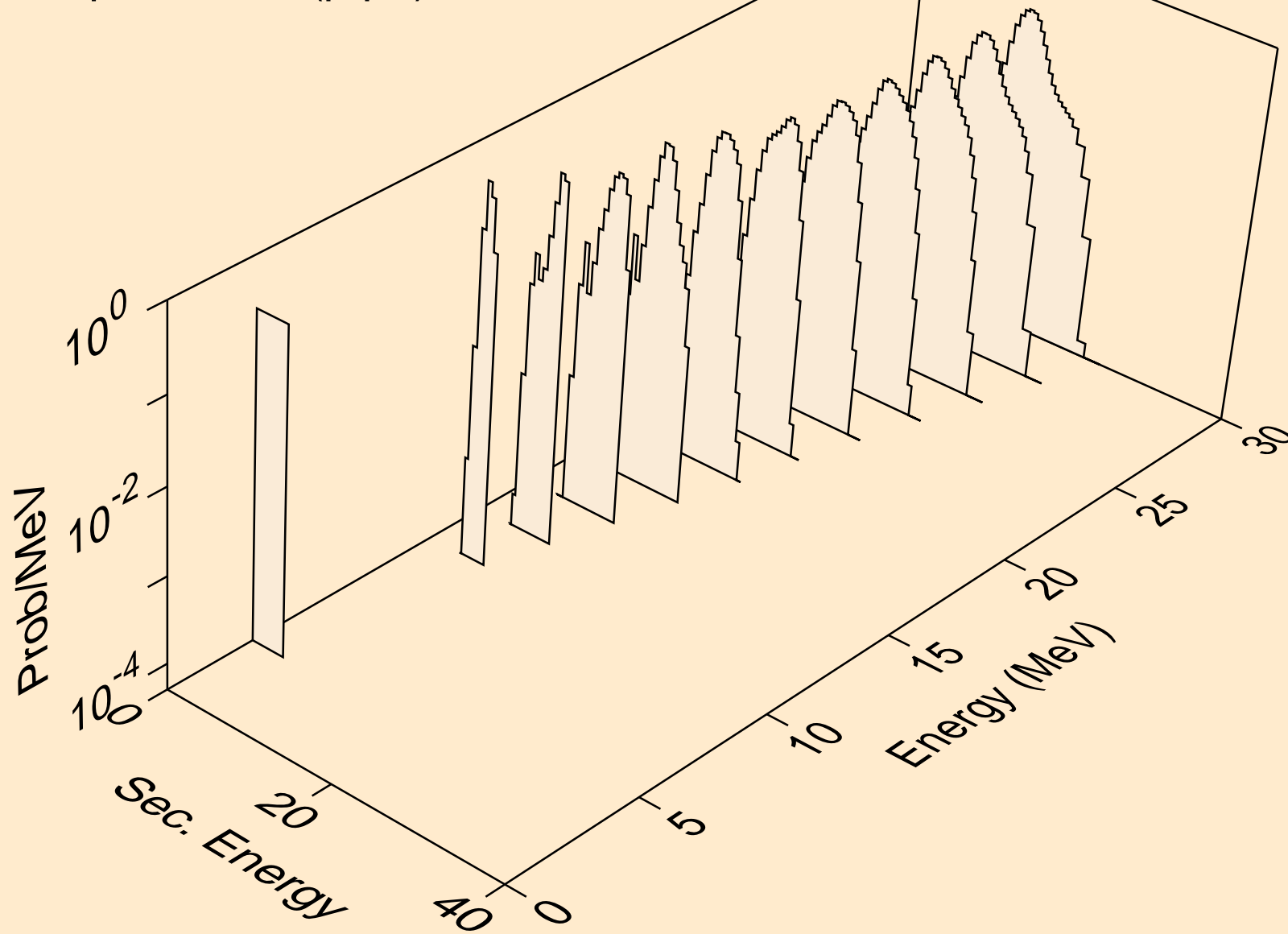




CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



CS137 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

