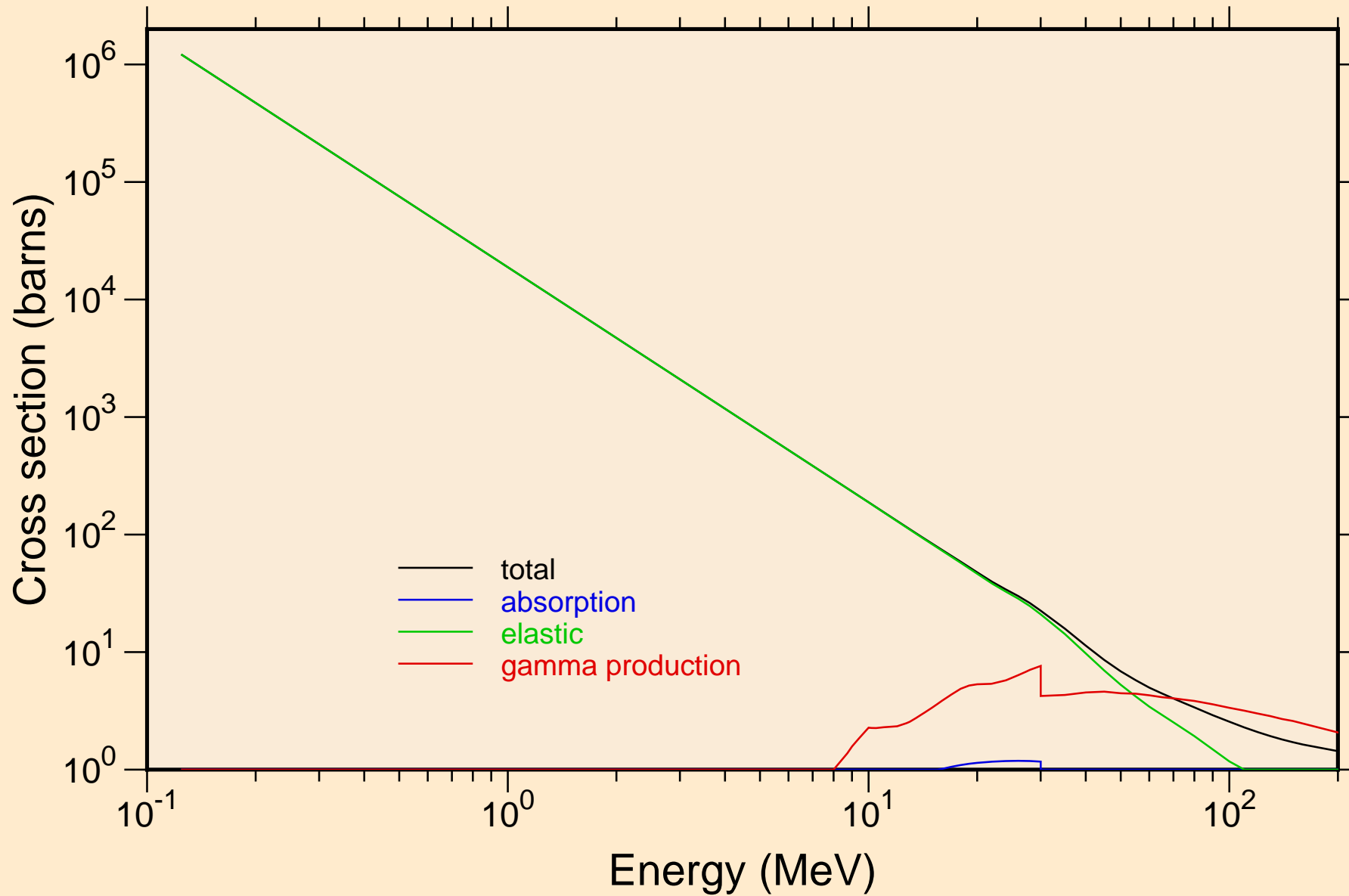


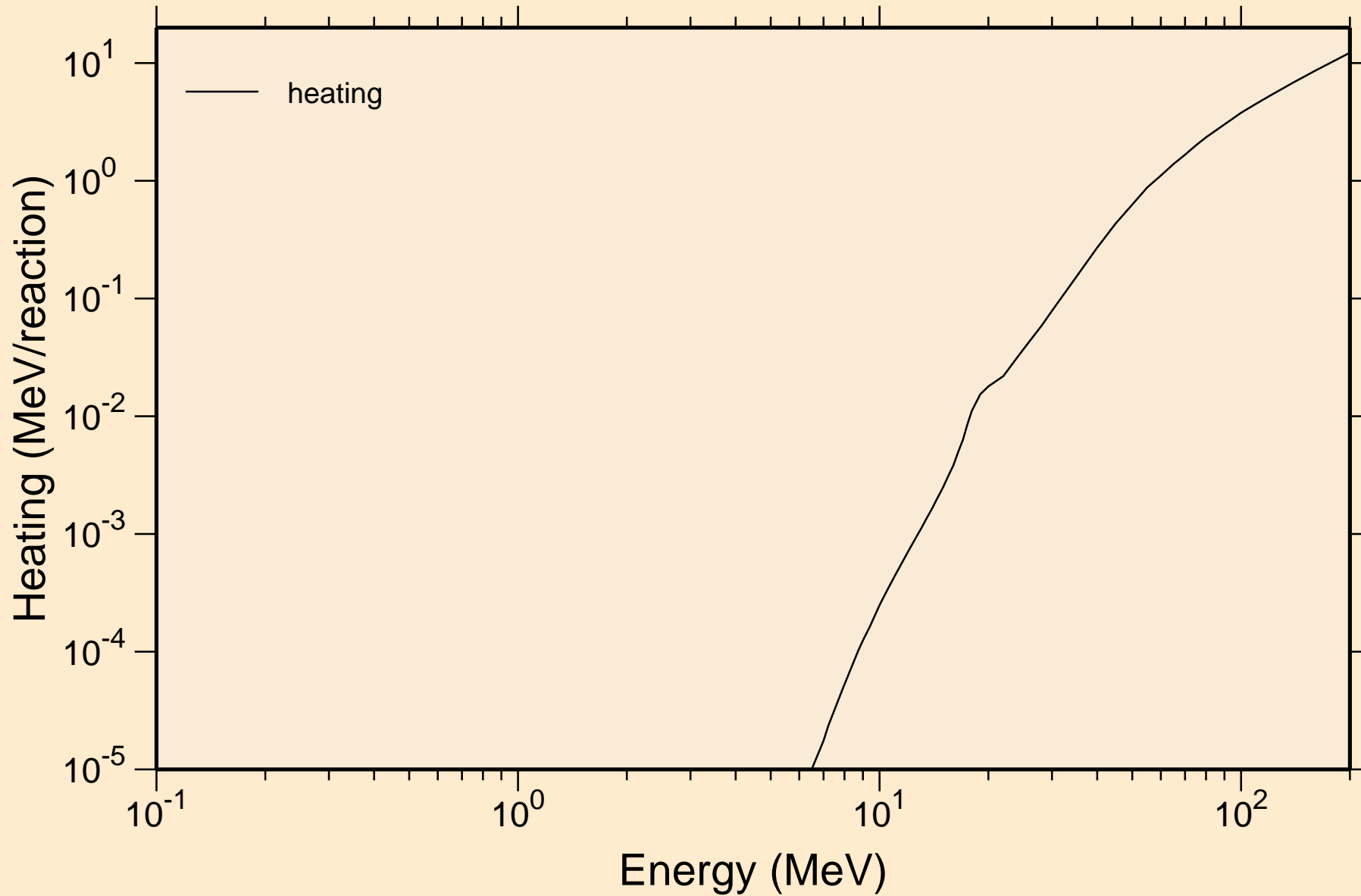
# CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



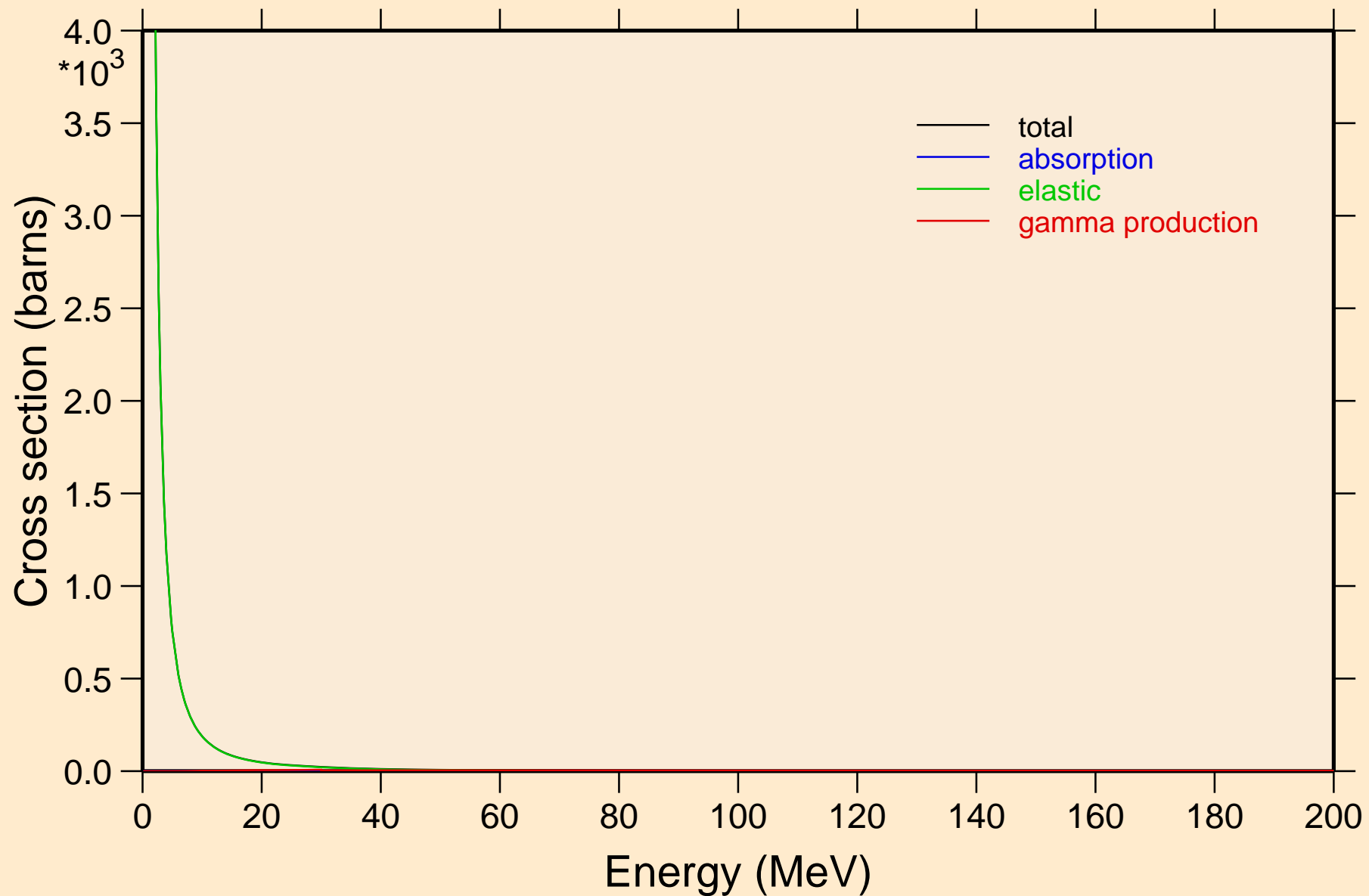
# CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



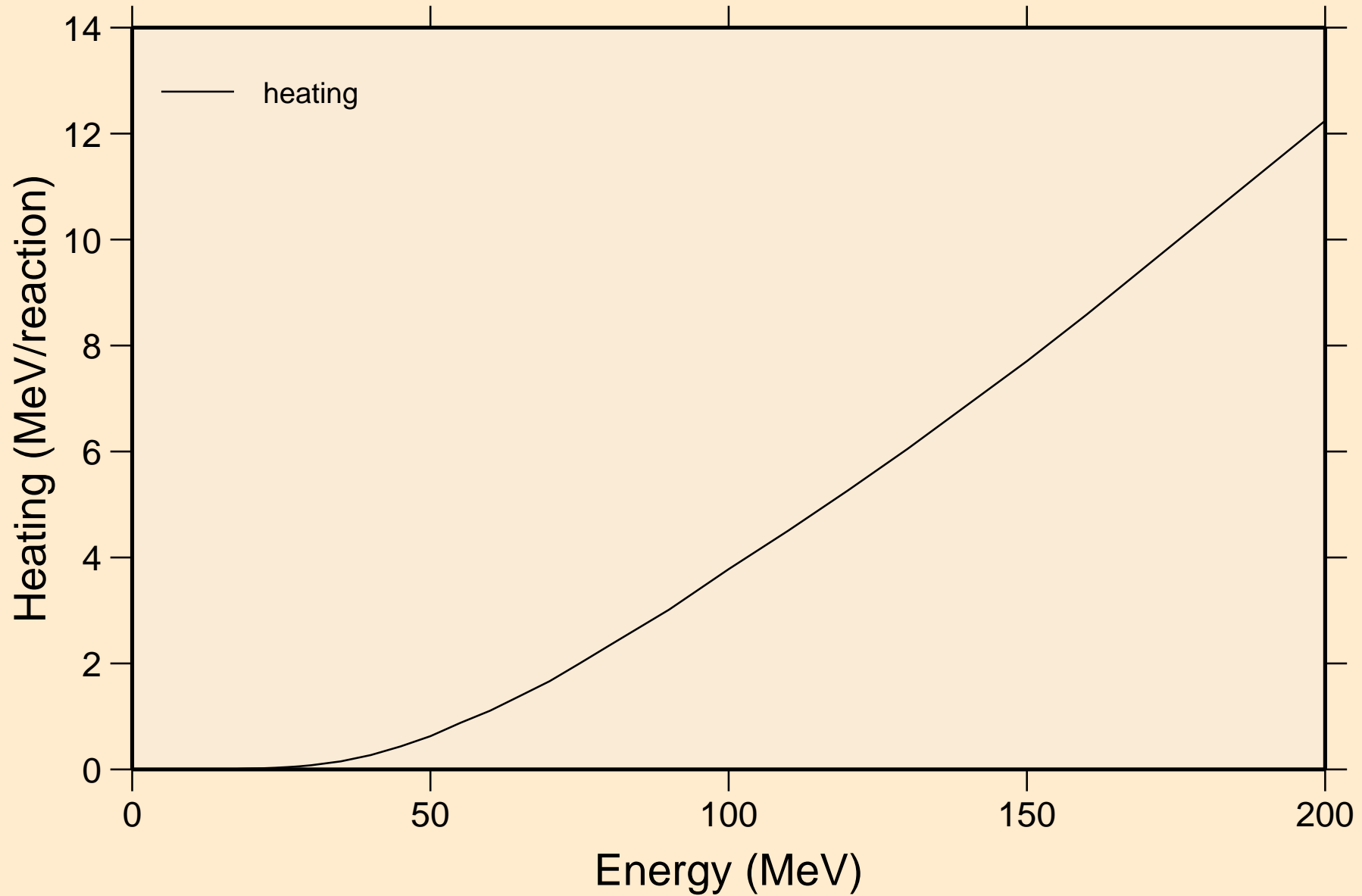
# CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



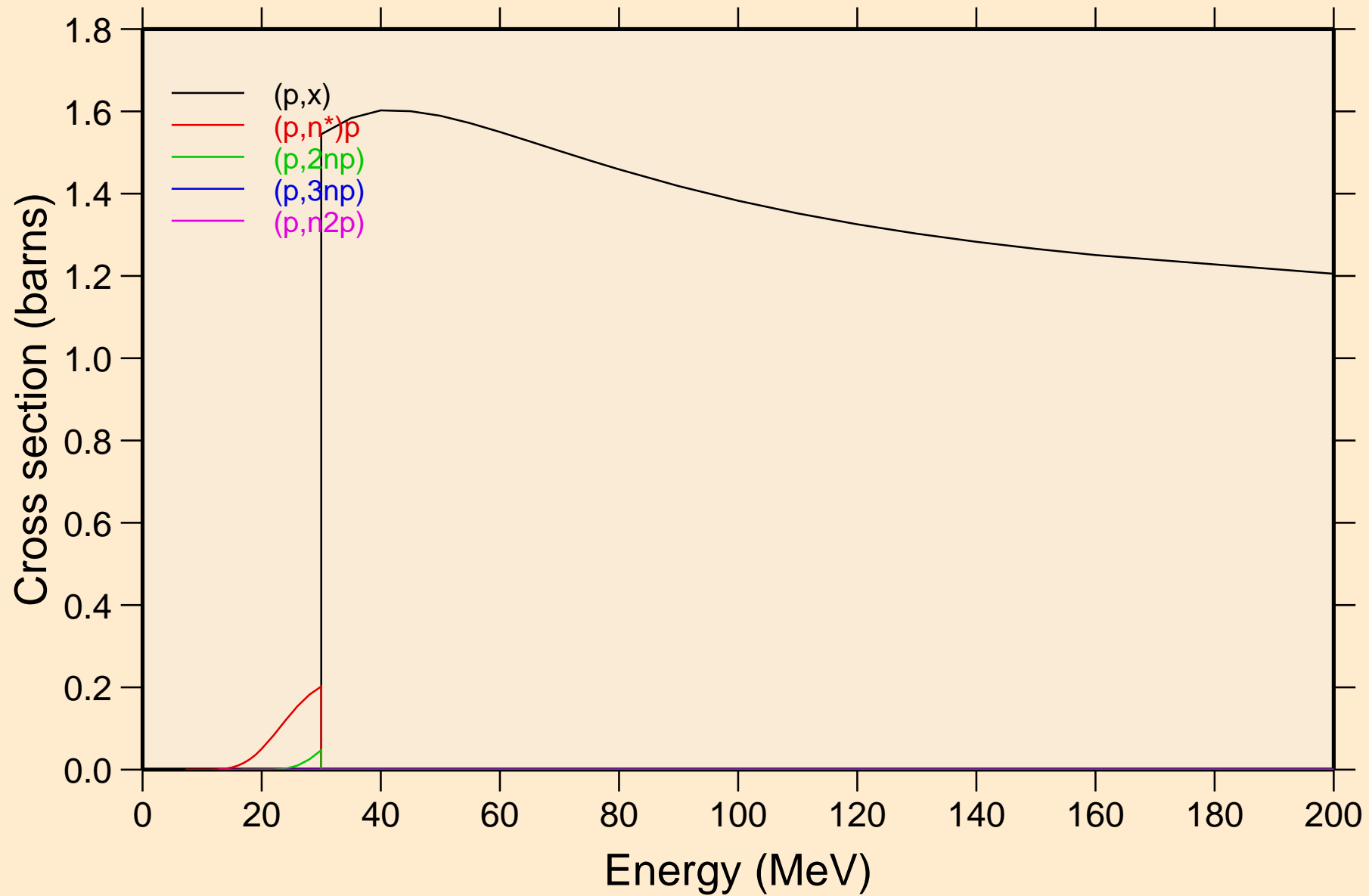
# CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



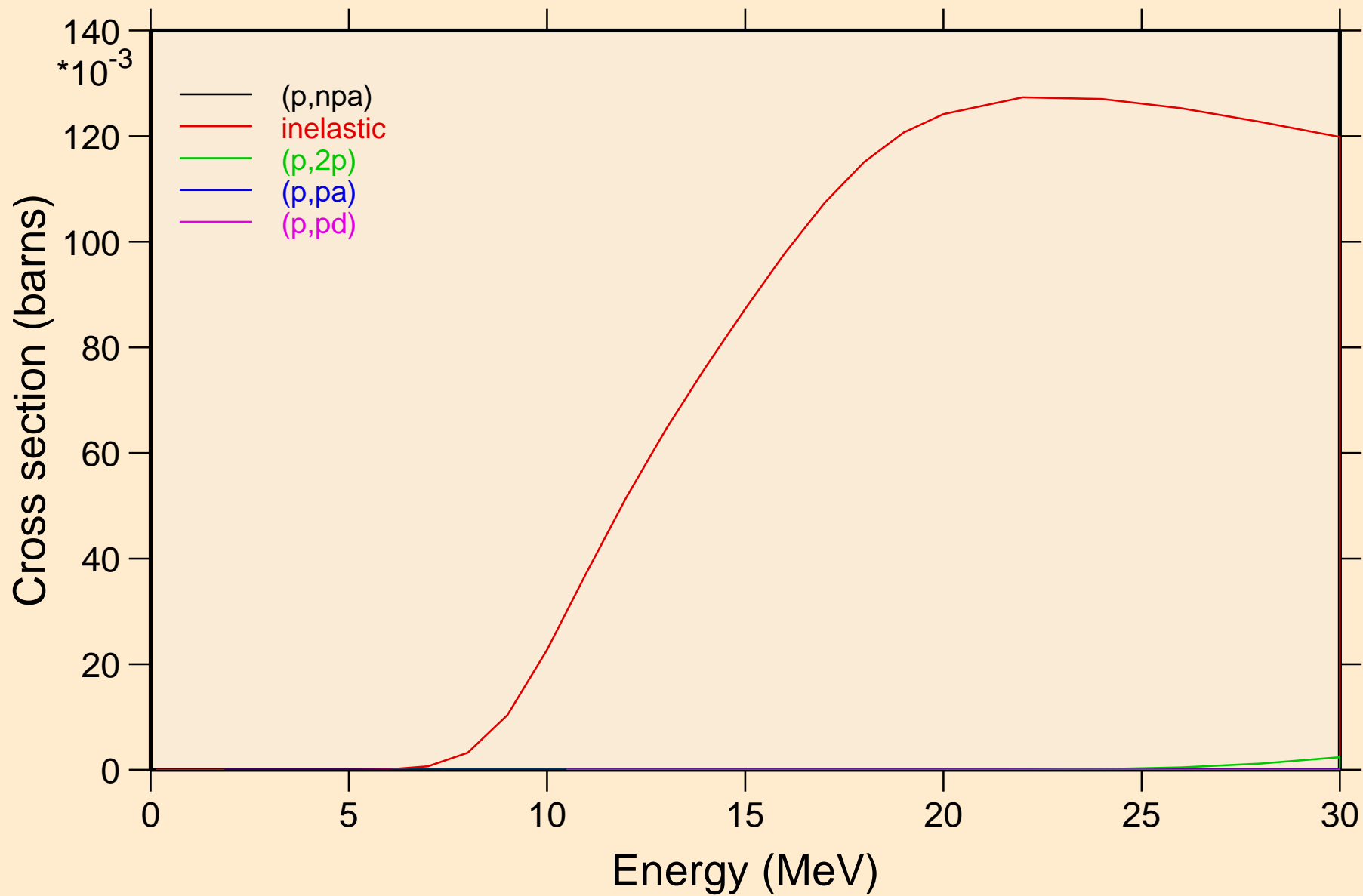
# CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



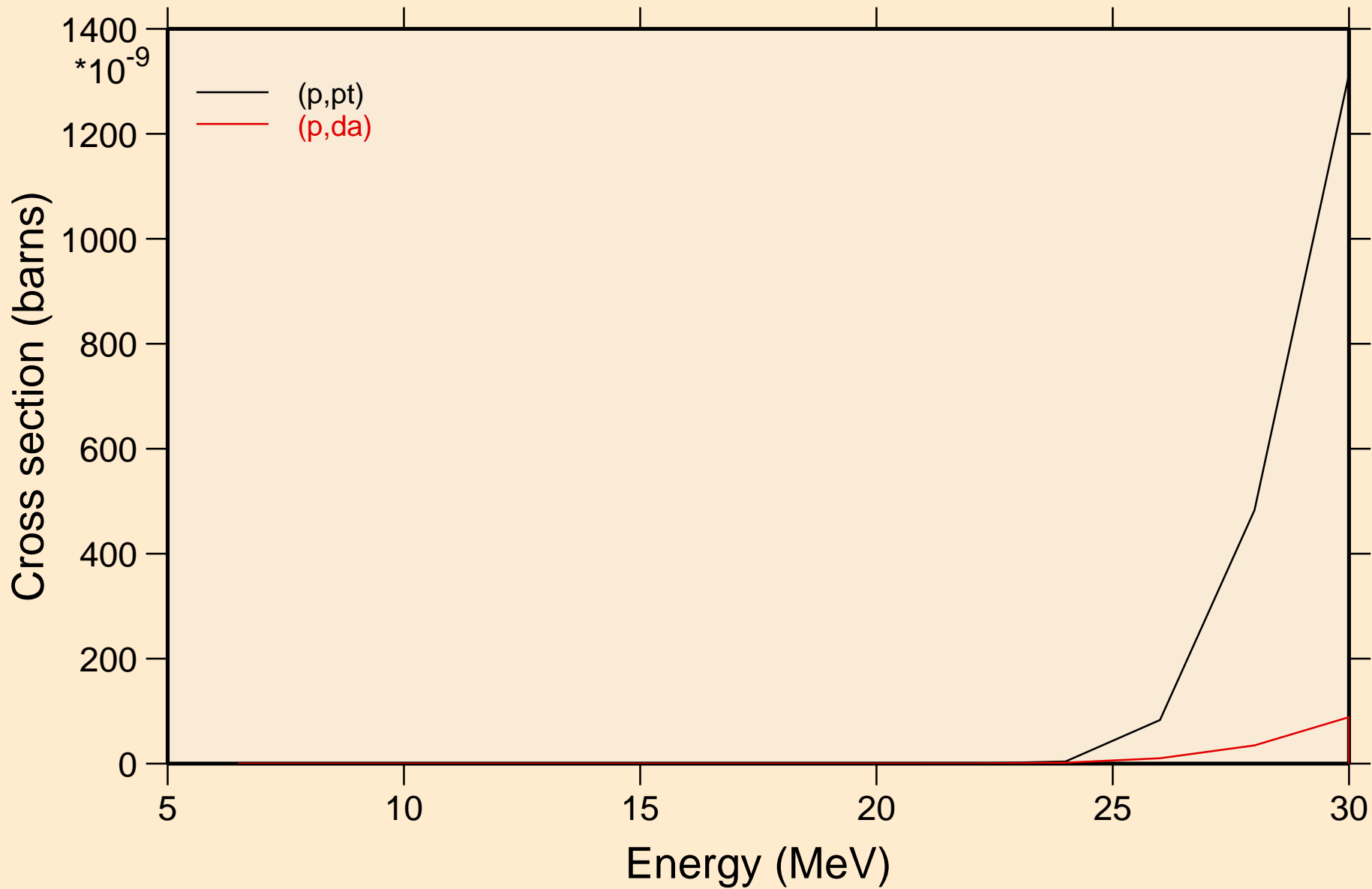
# CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

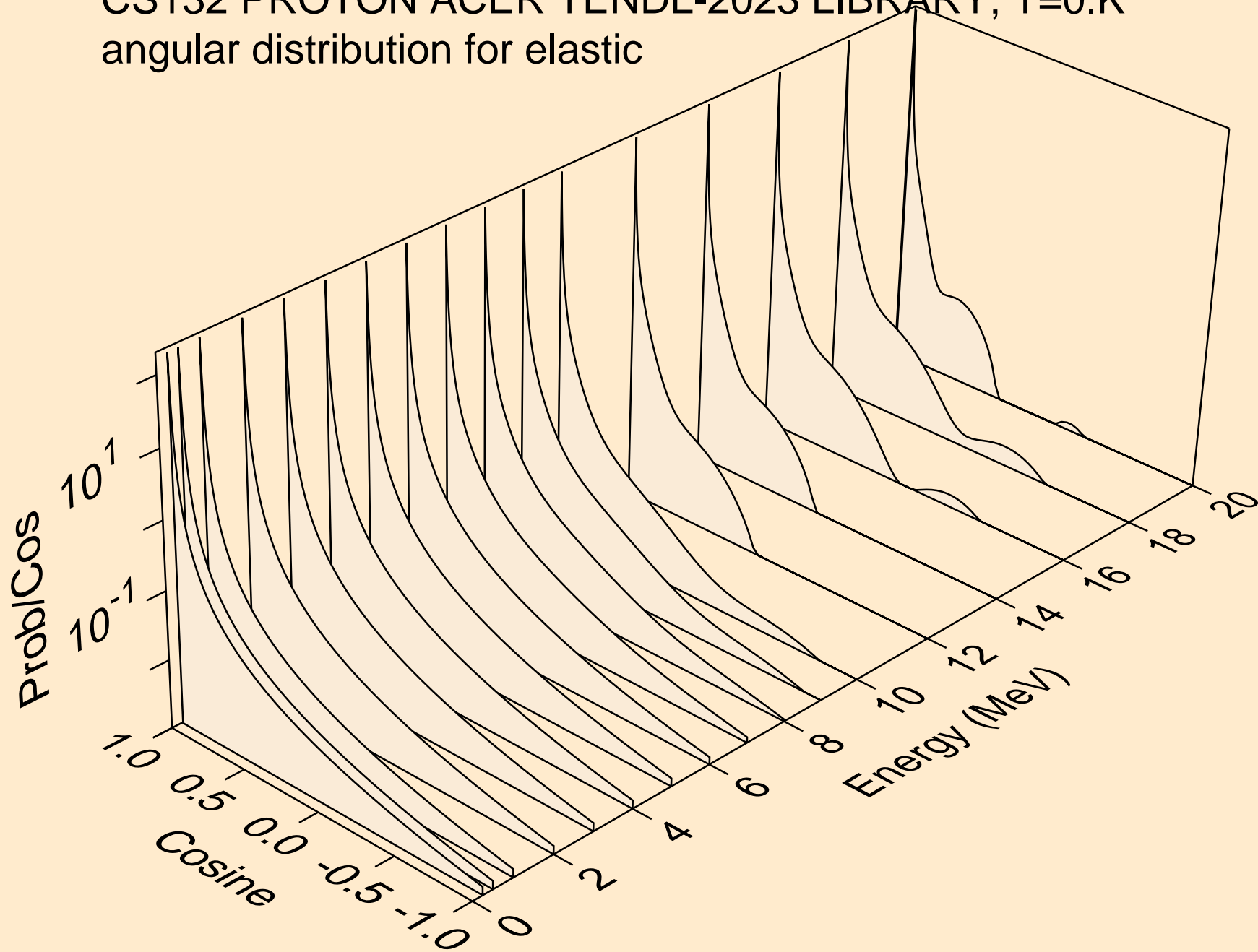


# CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

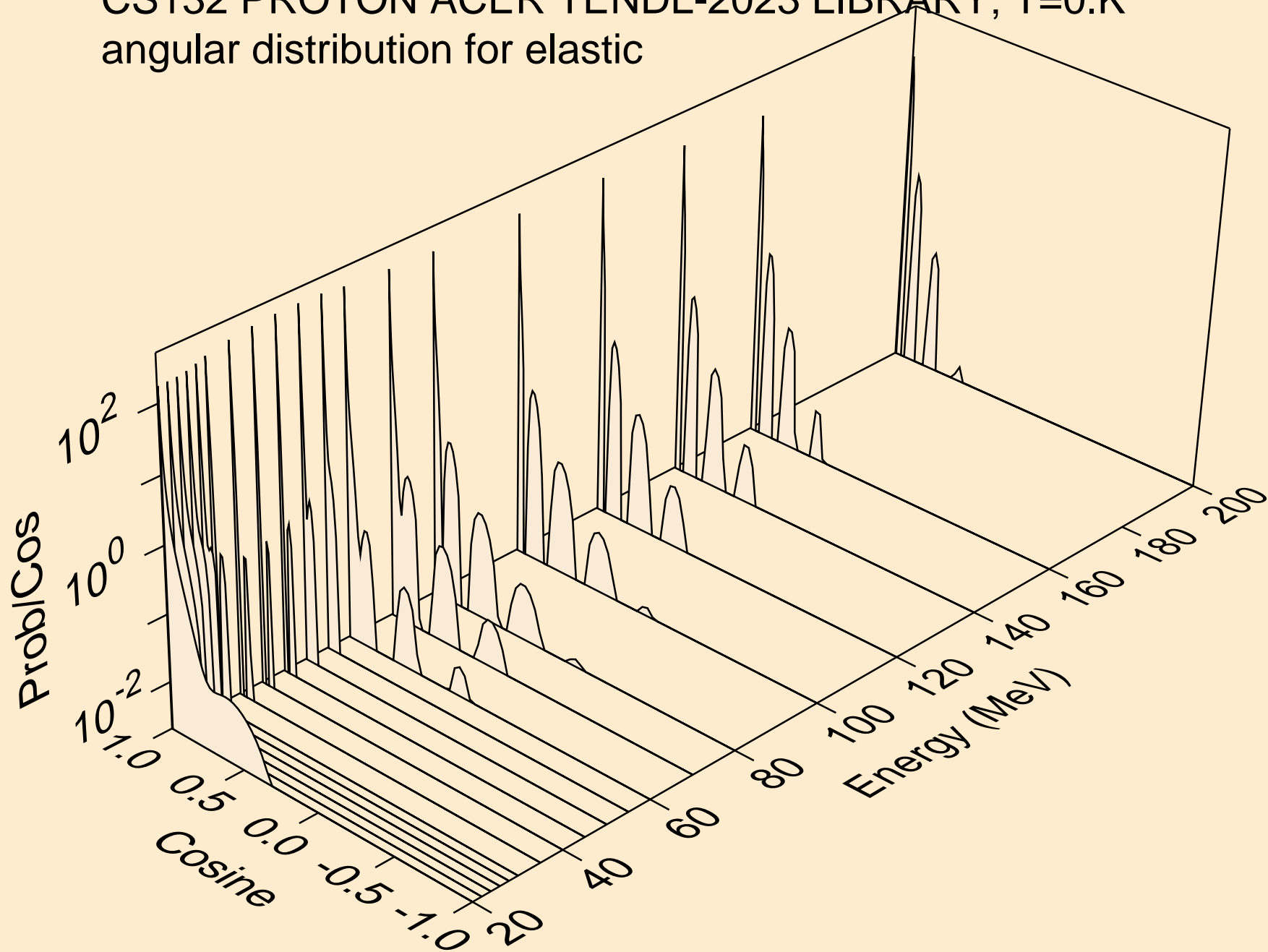


CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

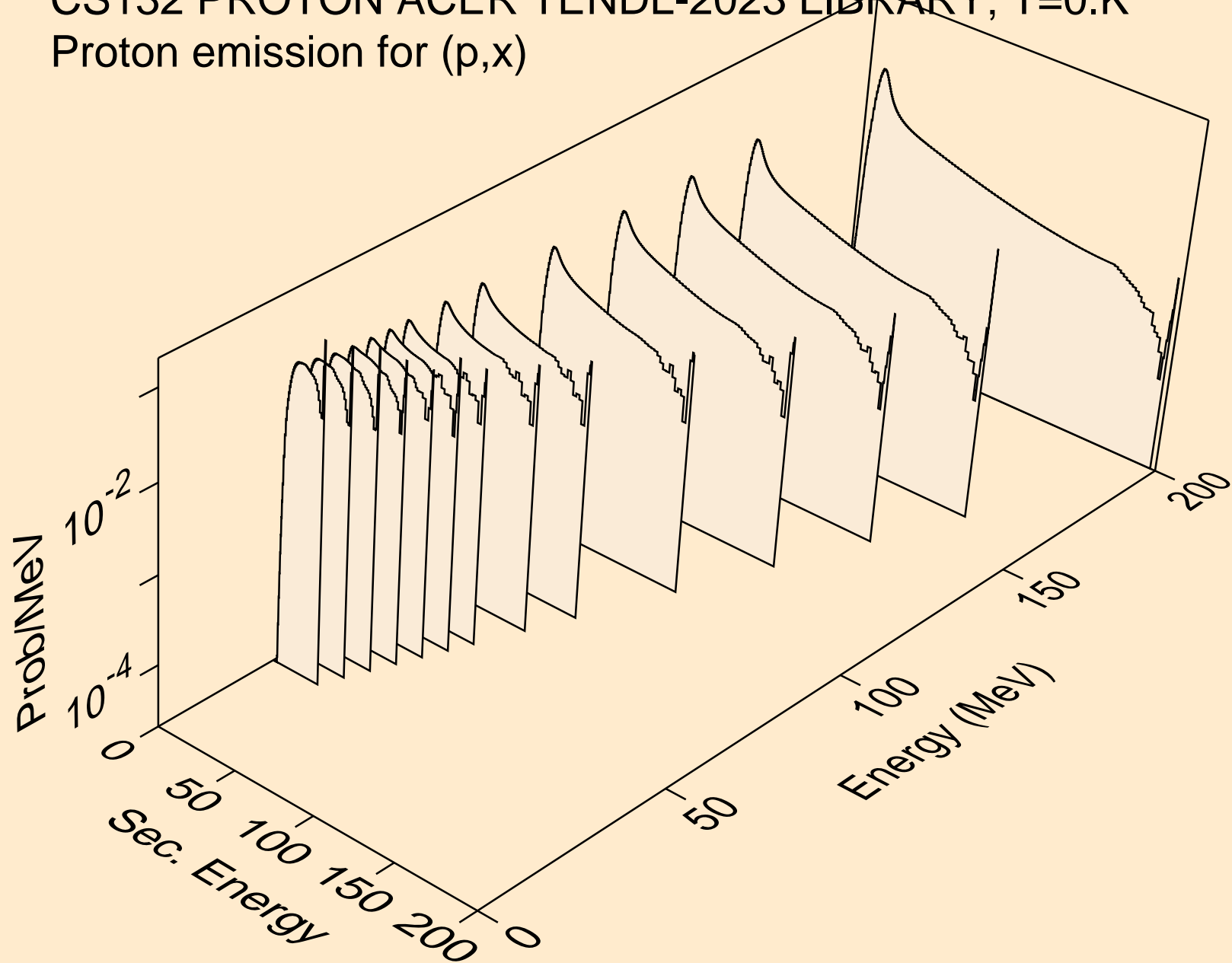




CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

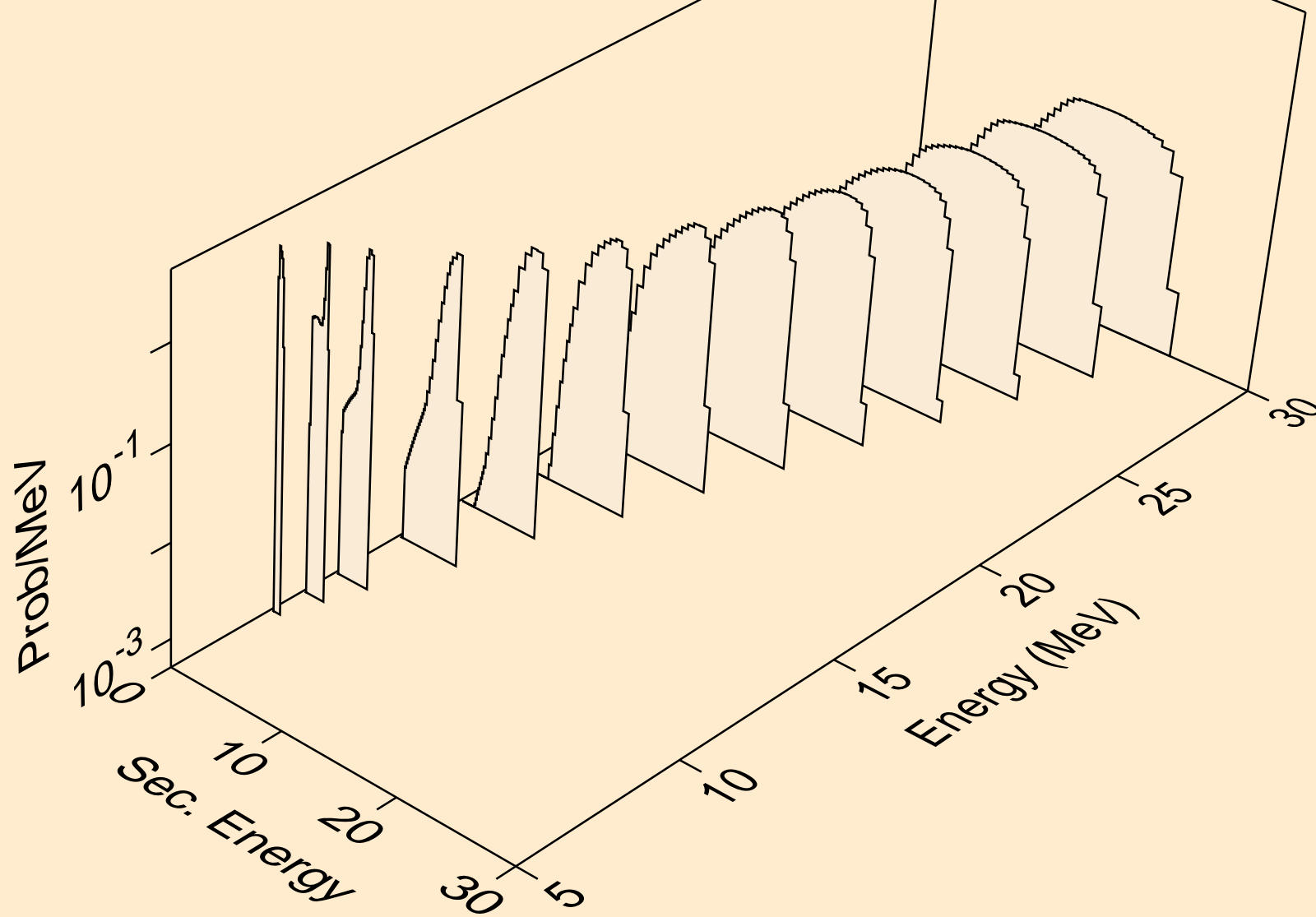


CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)

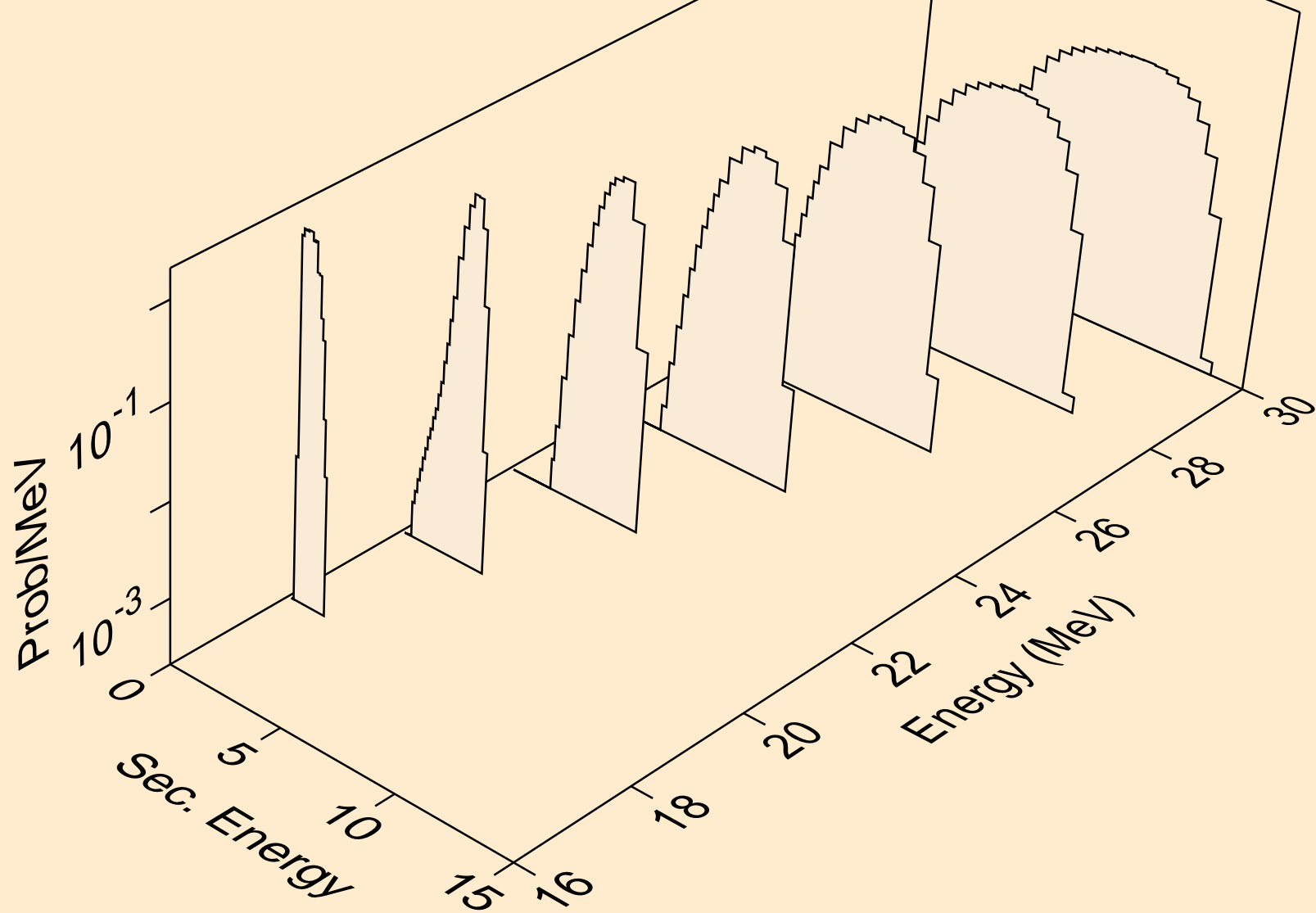


# CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K

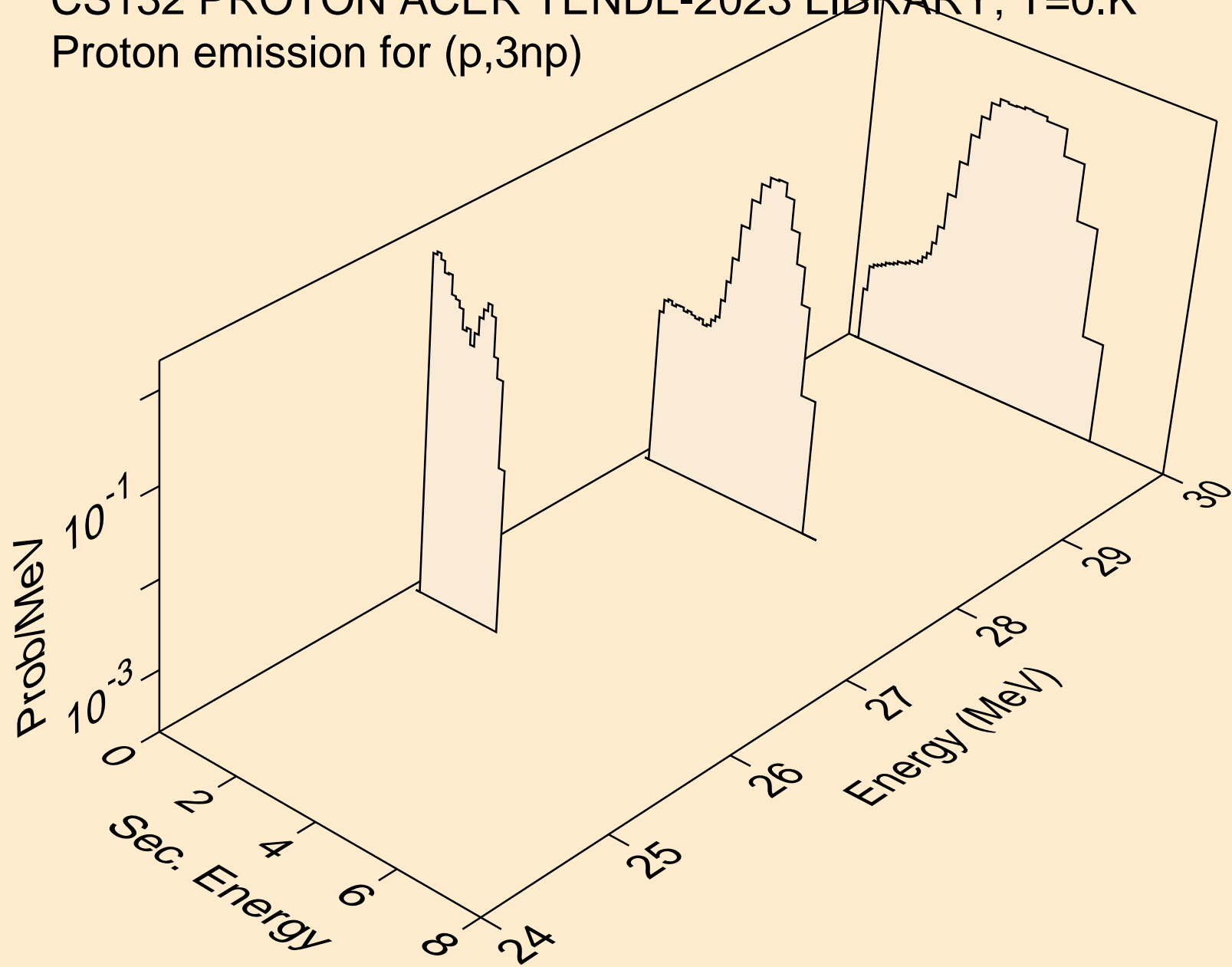
Proton emission for  $(p,n^*)p$



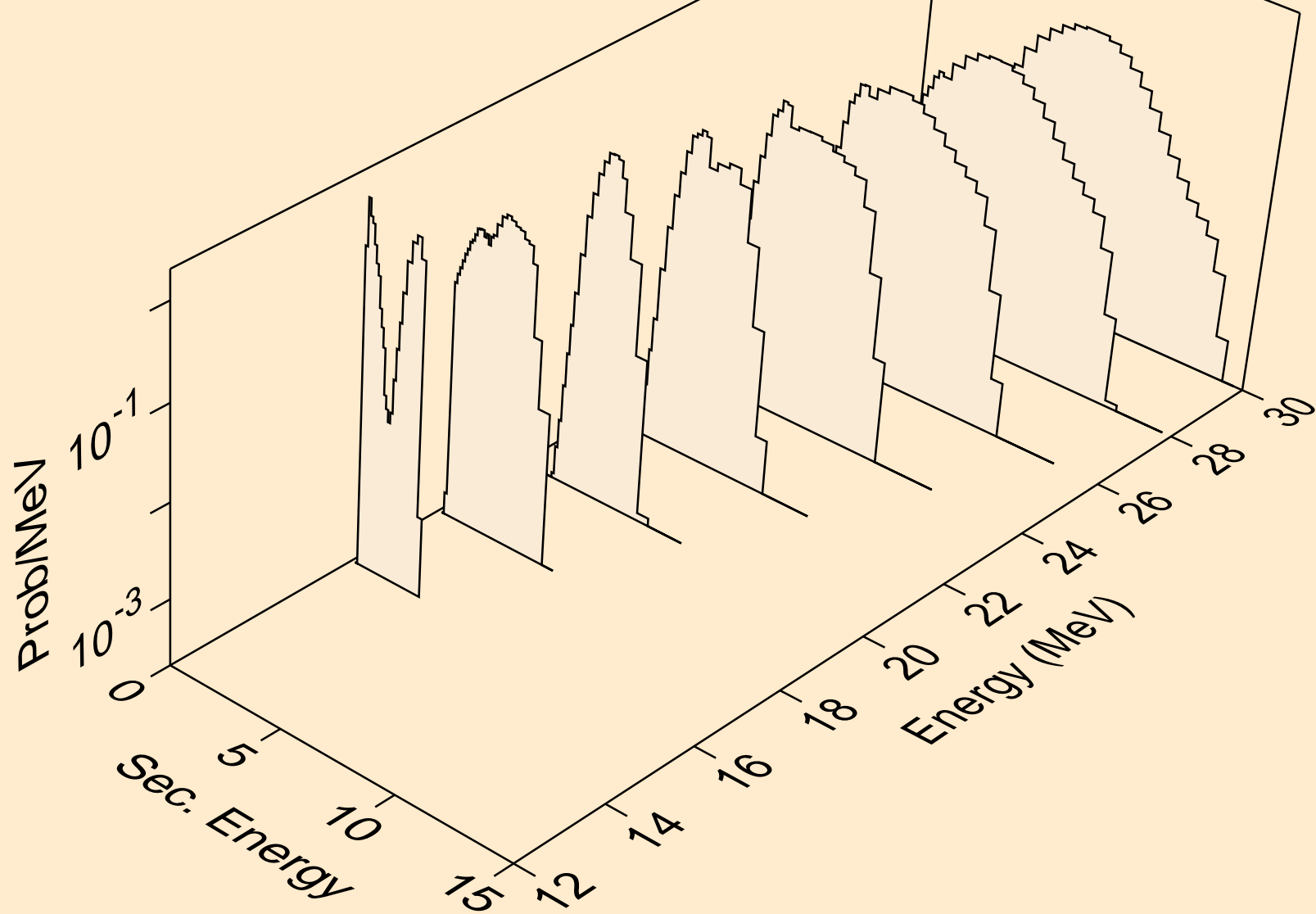
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



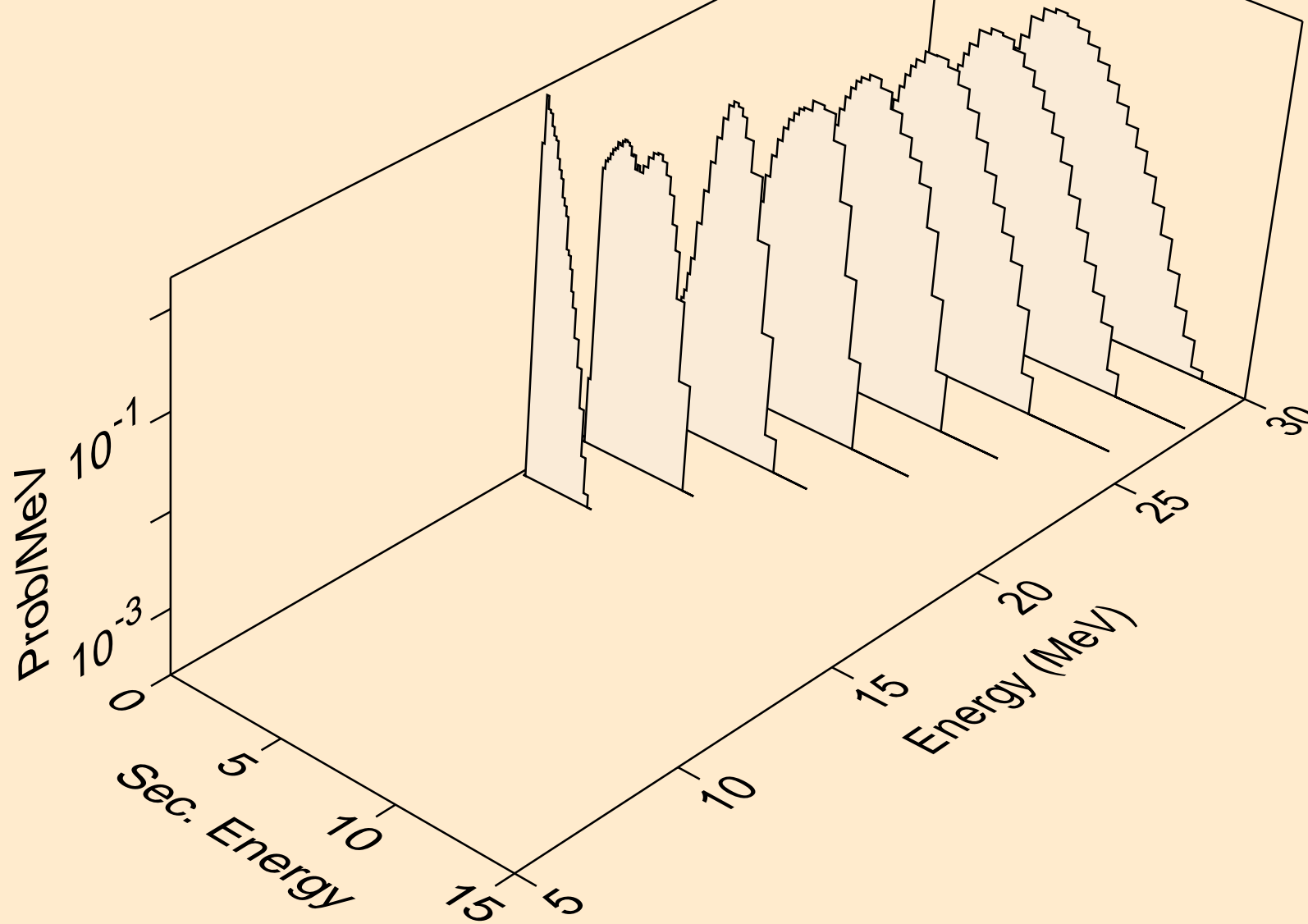
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



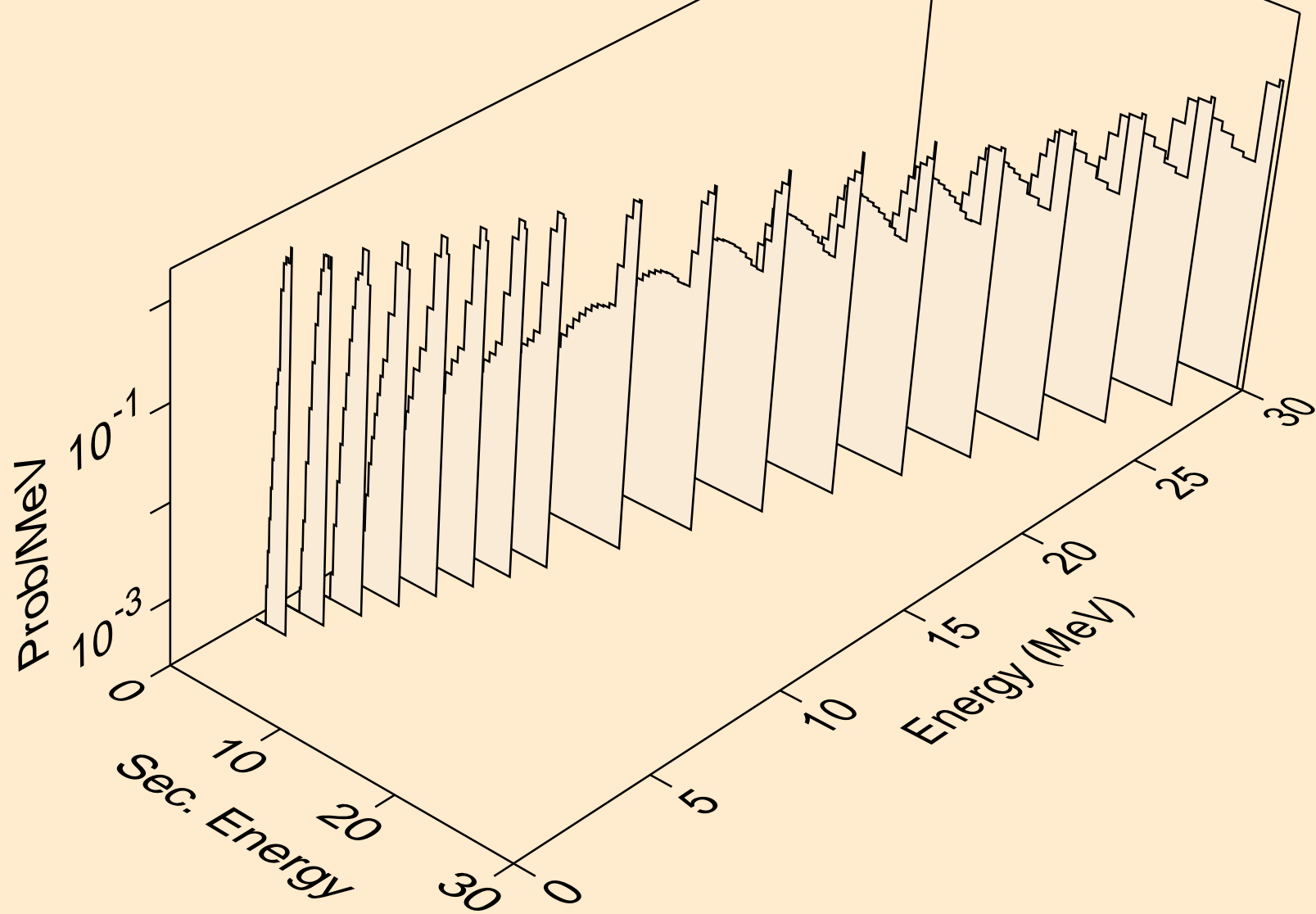
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

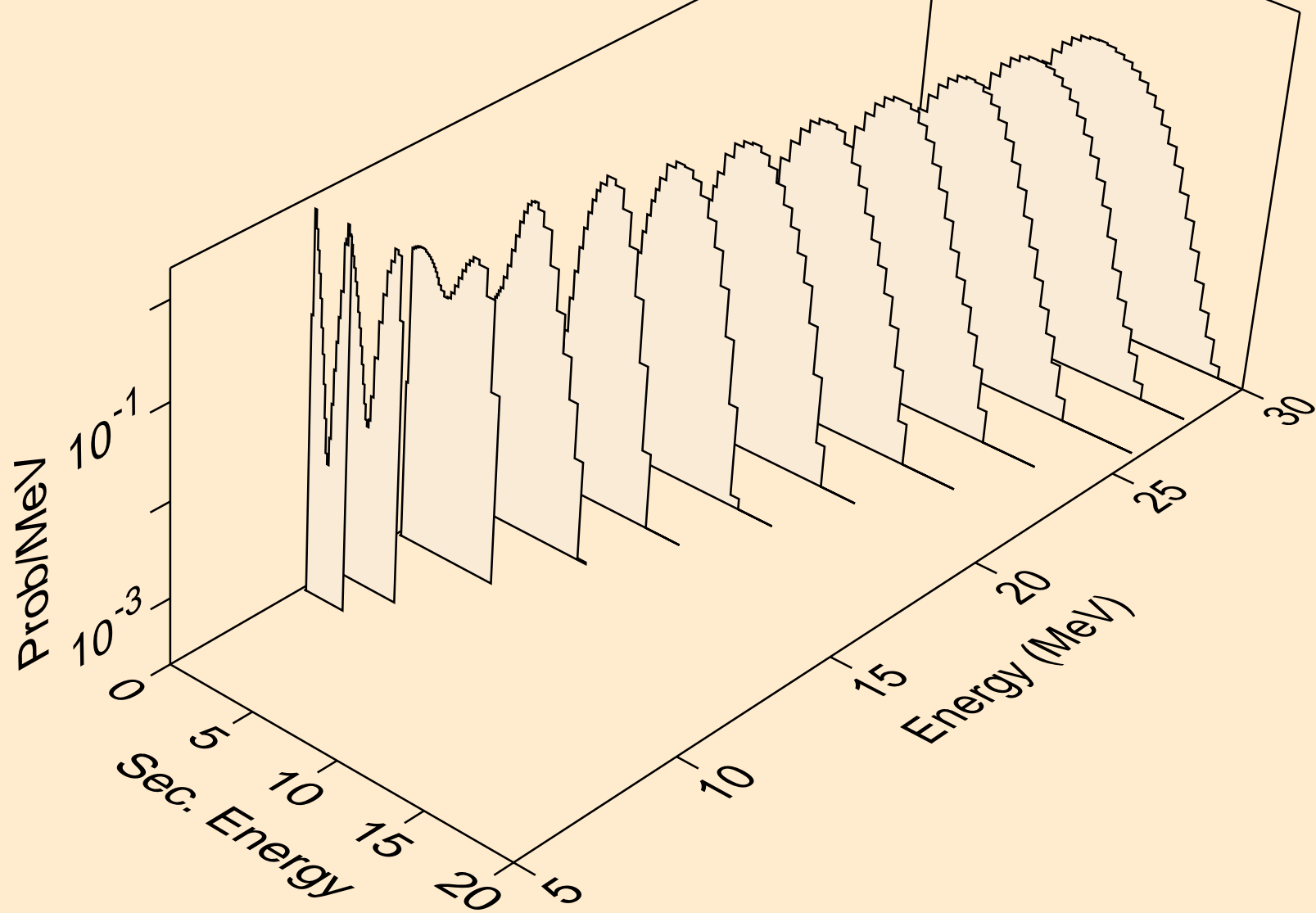


CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

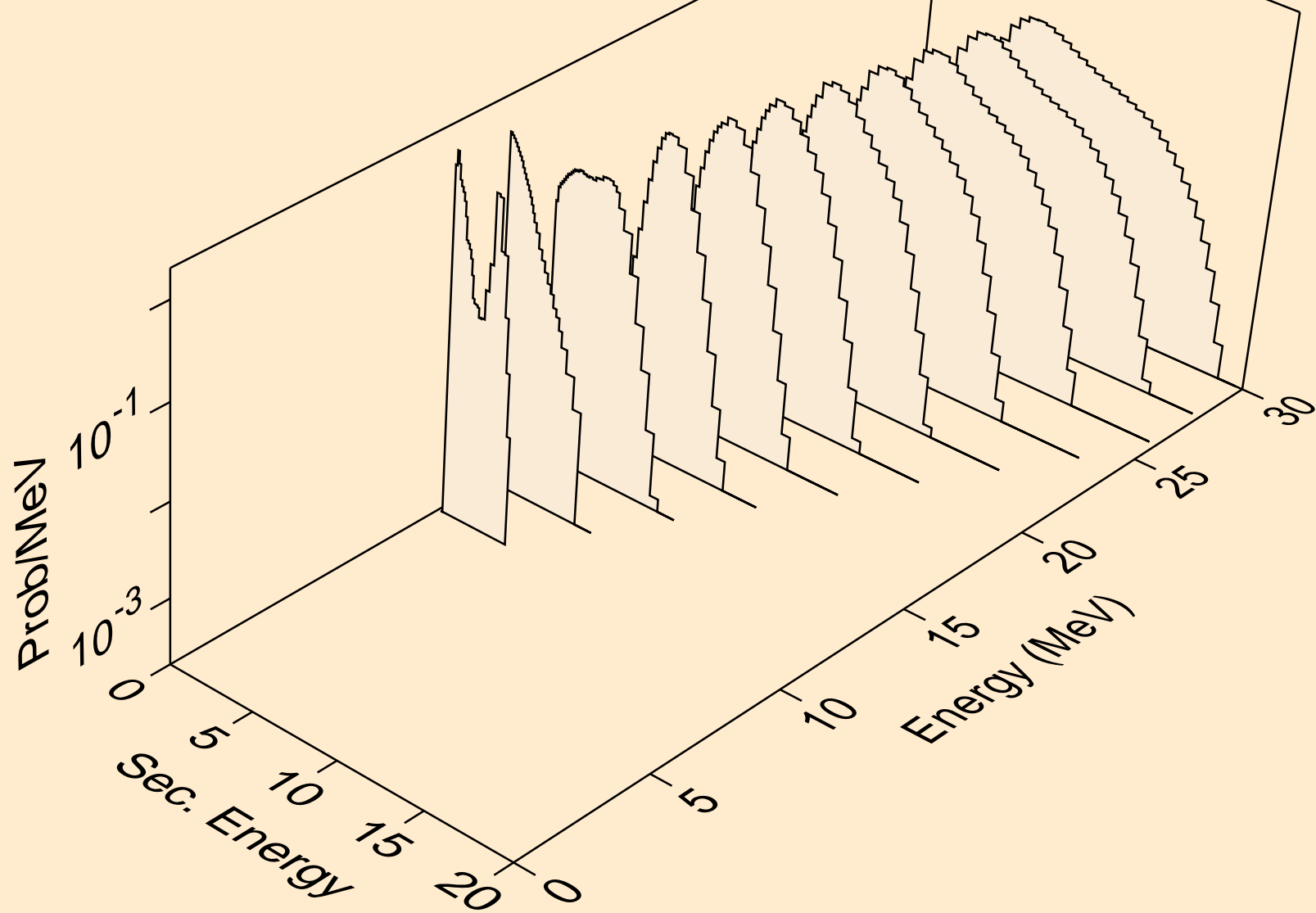




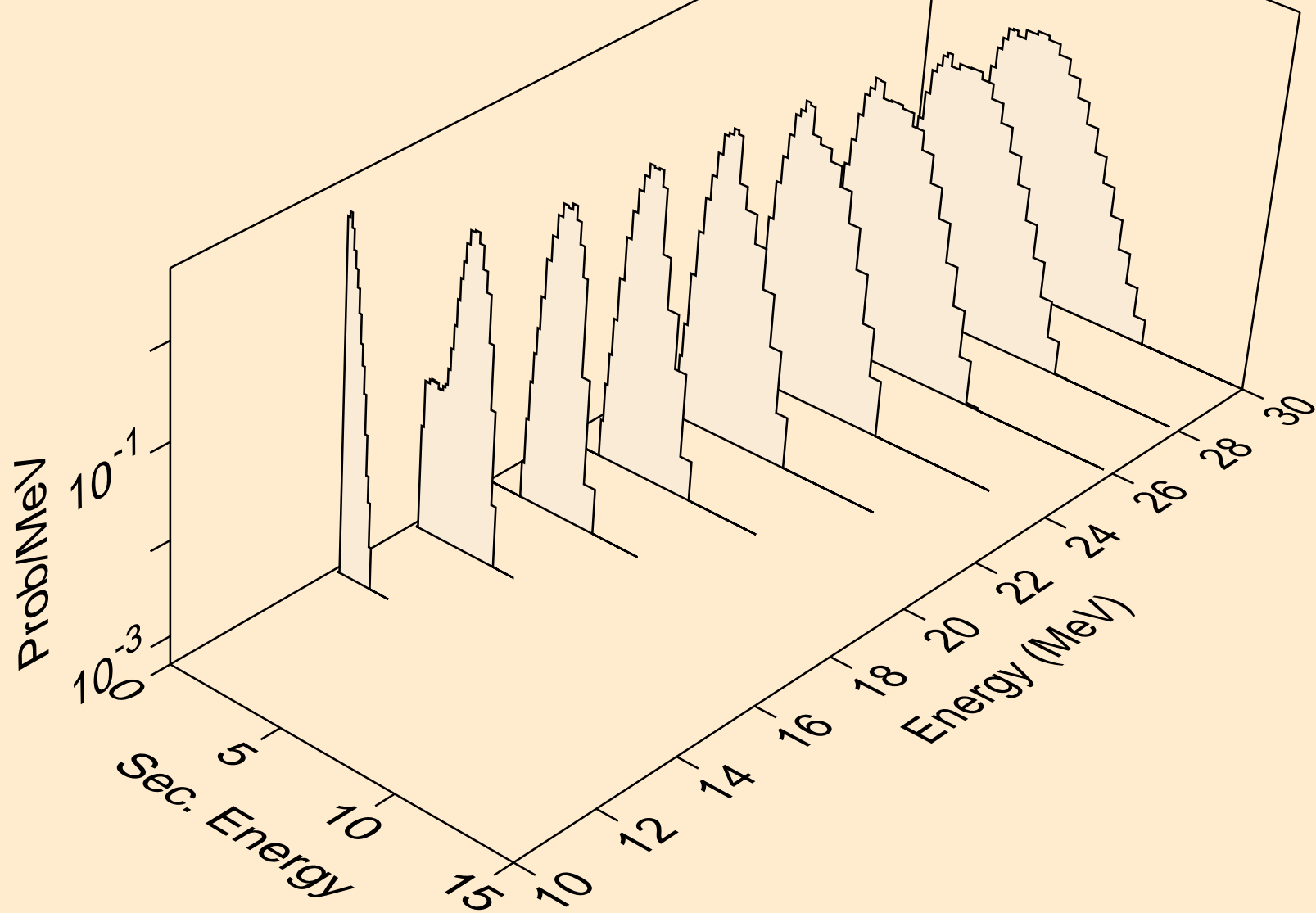
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



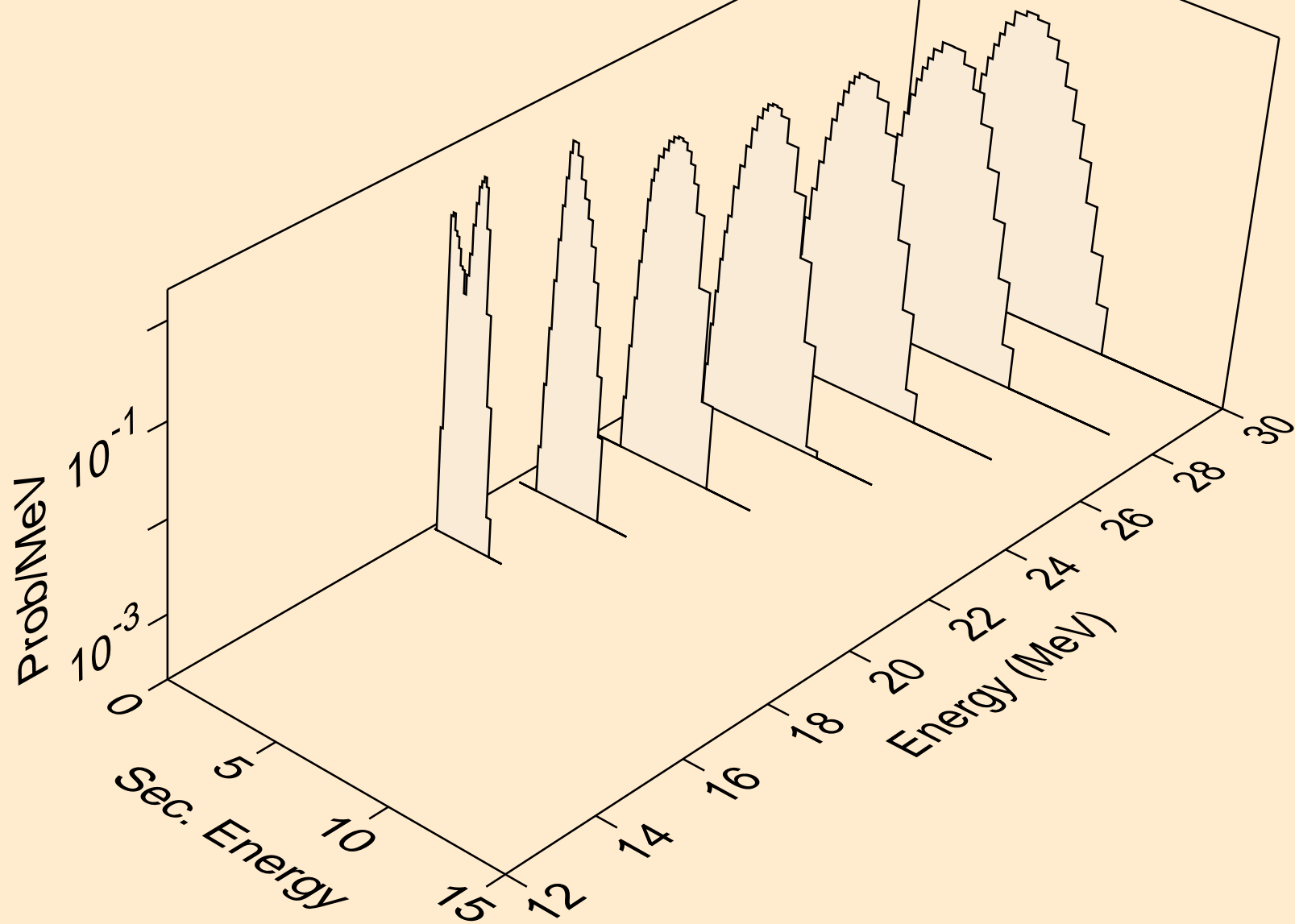
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



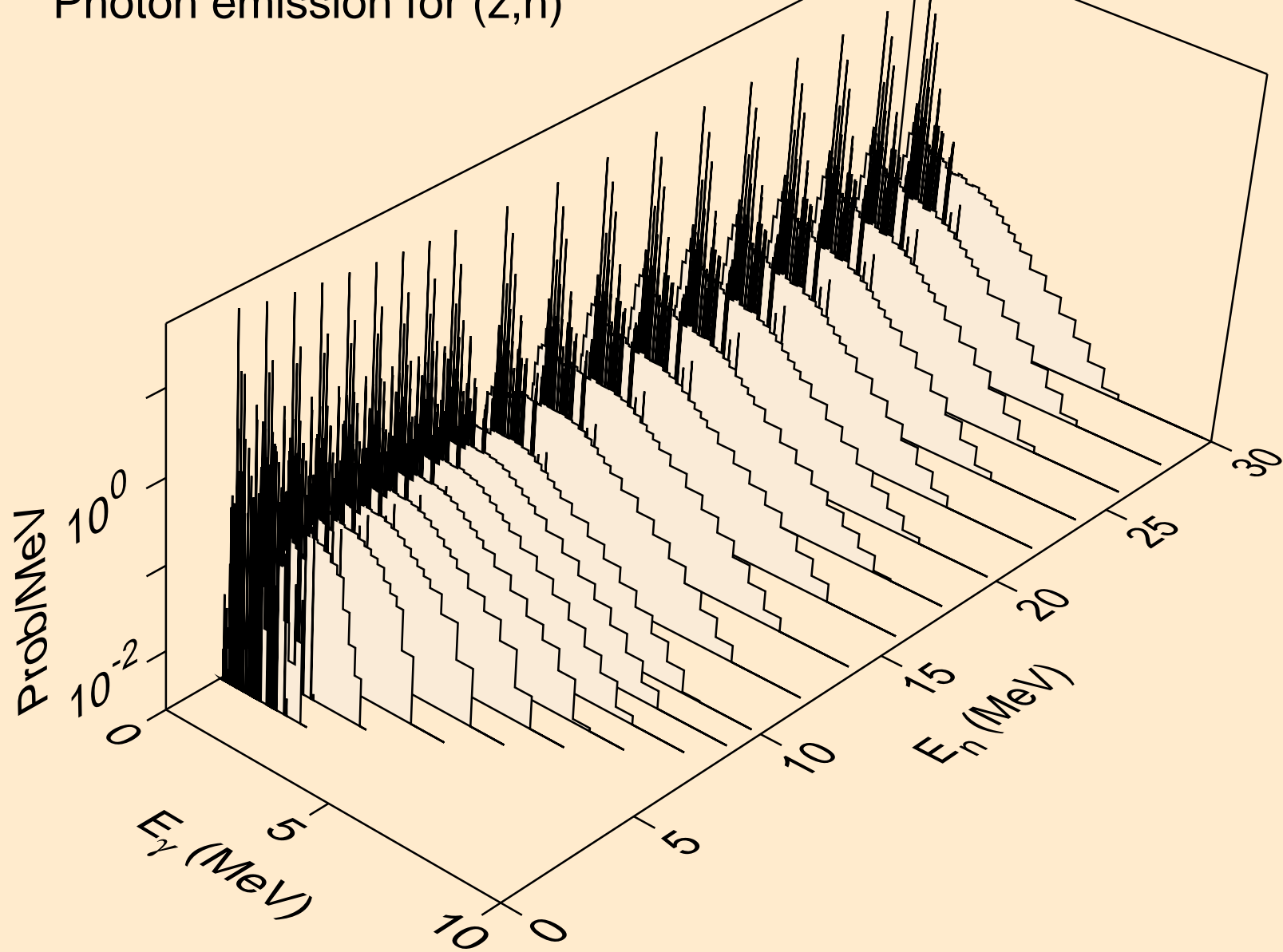
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



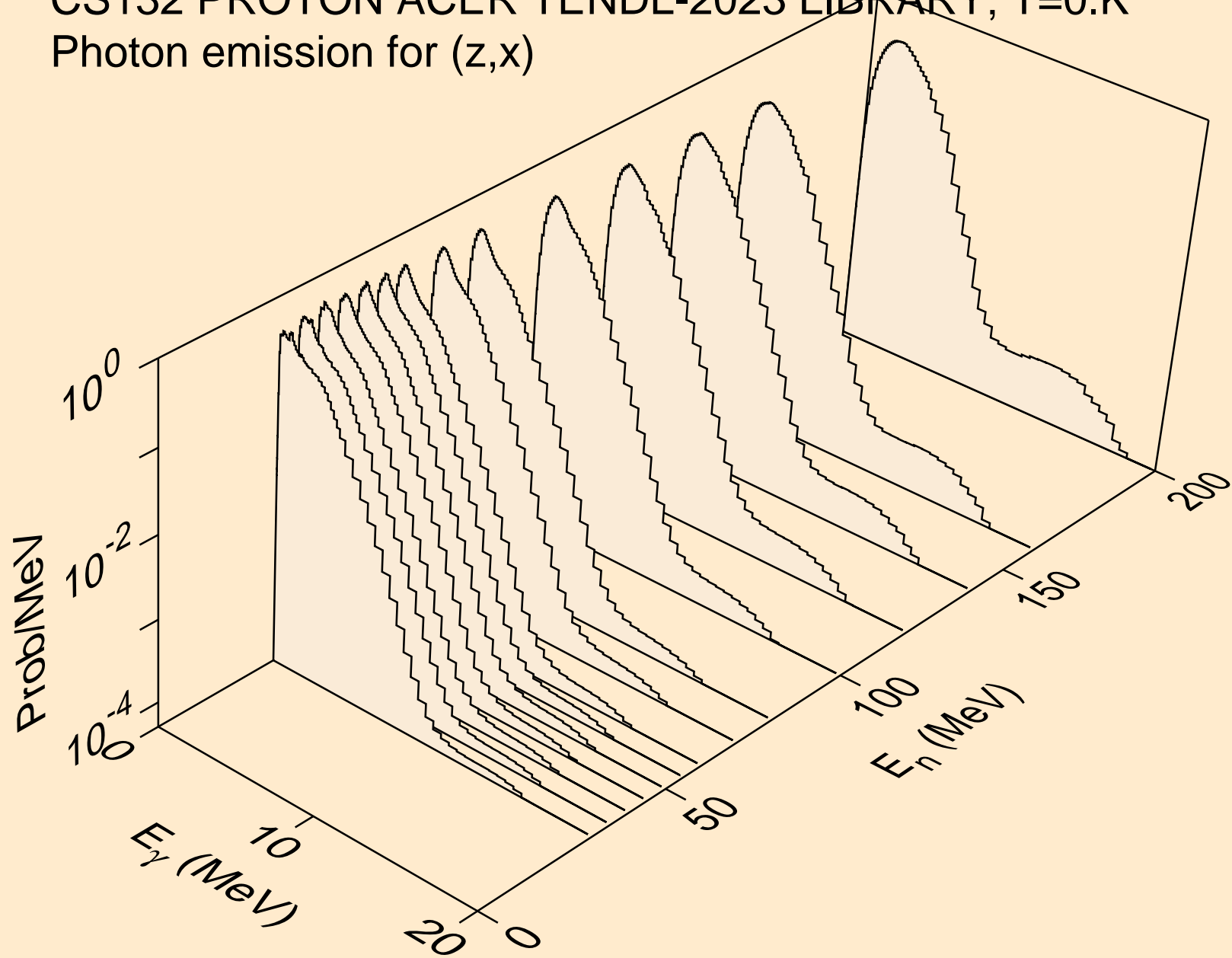
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



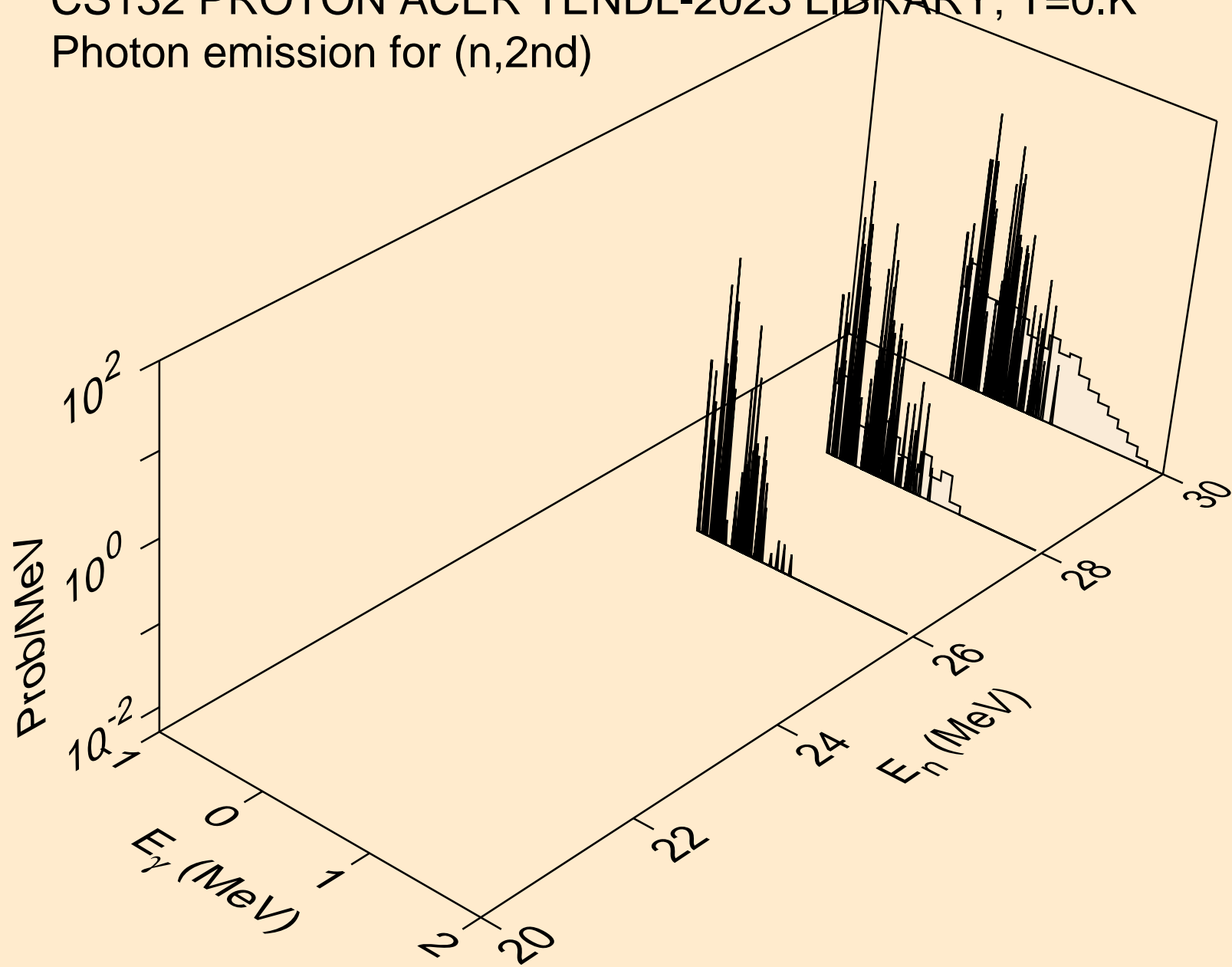
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



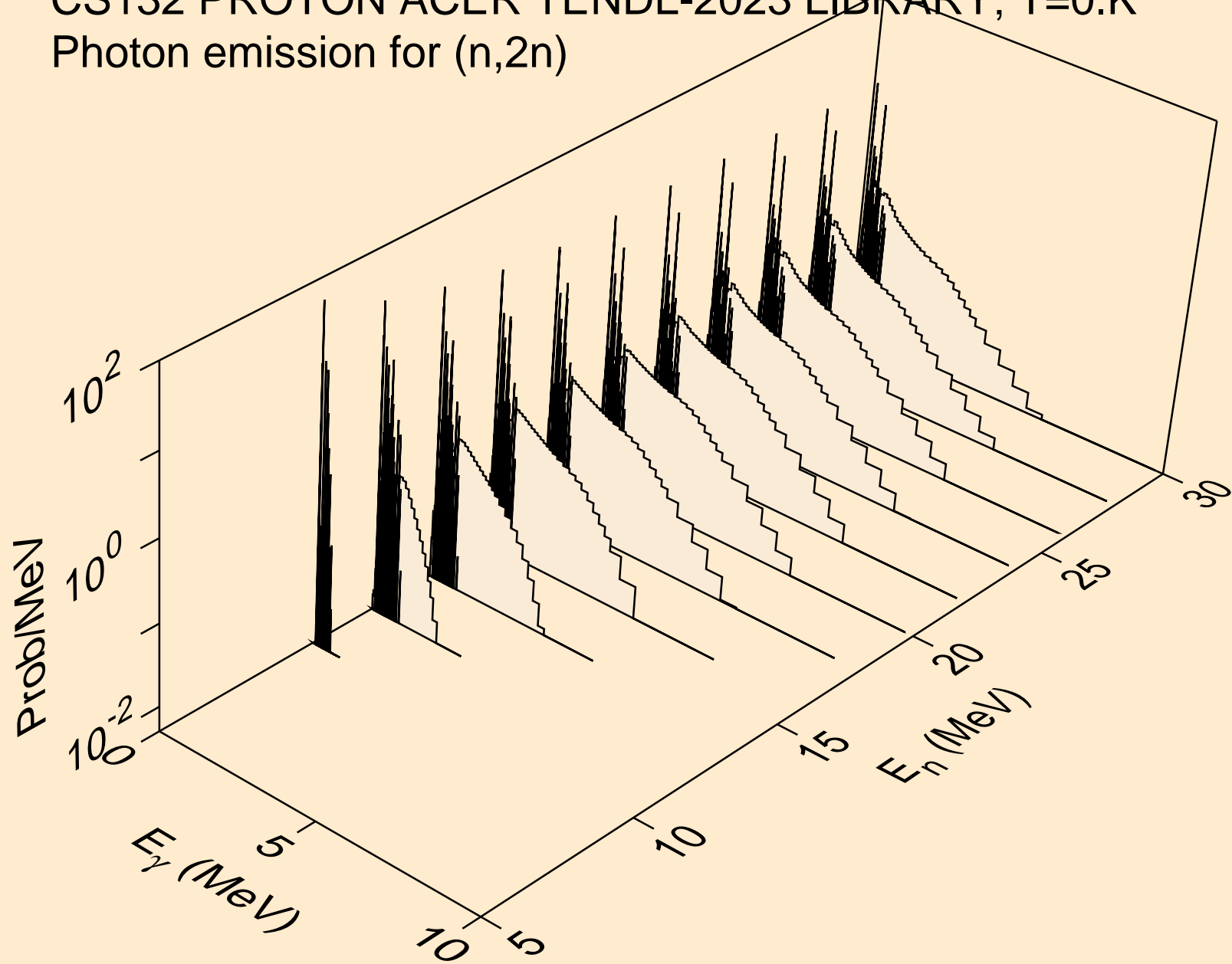
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

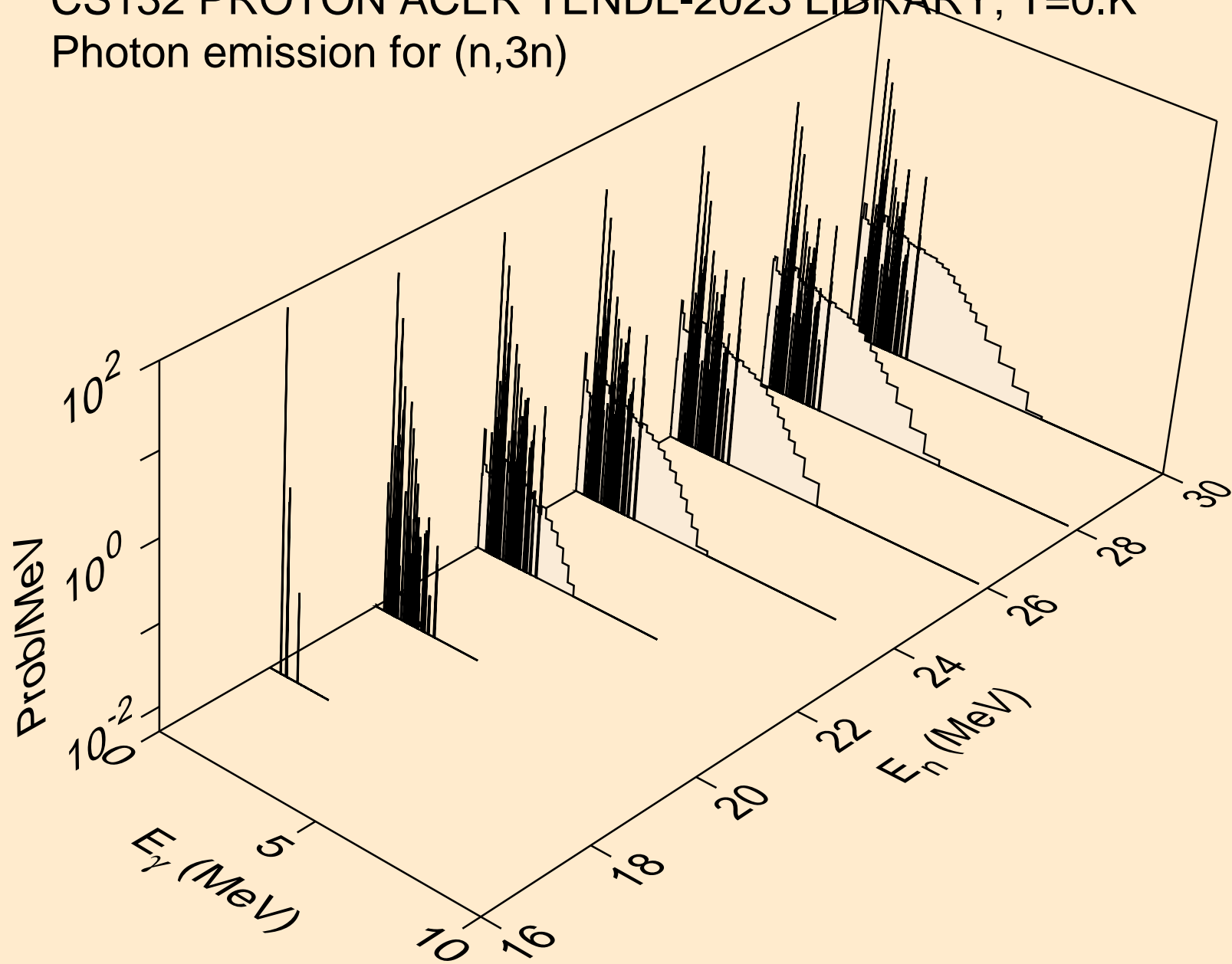


CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

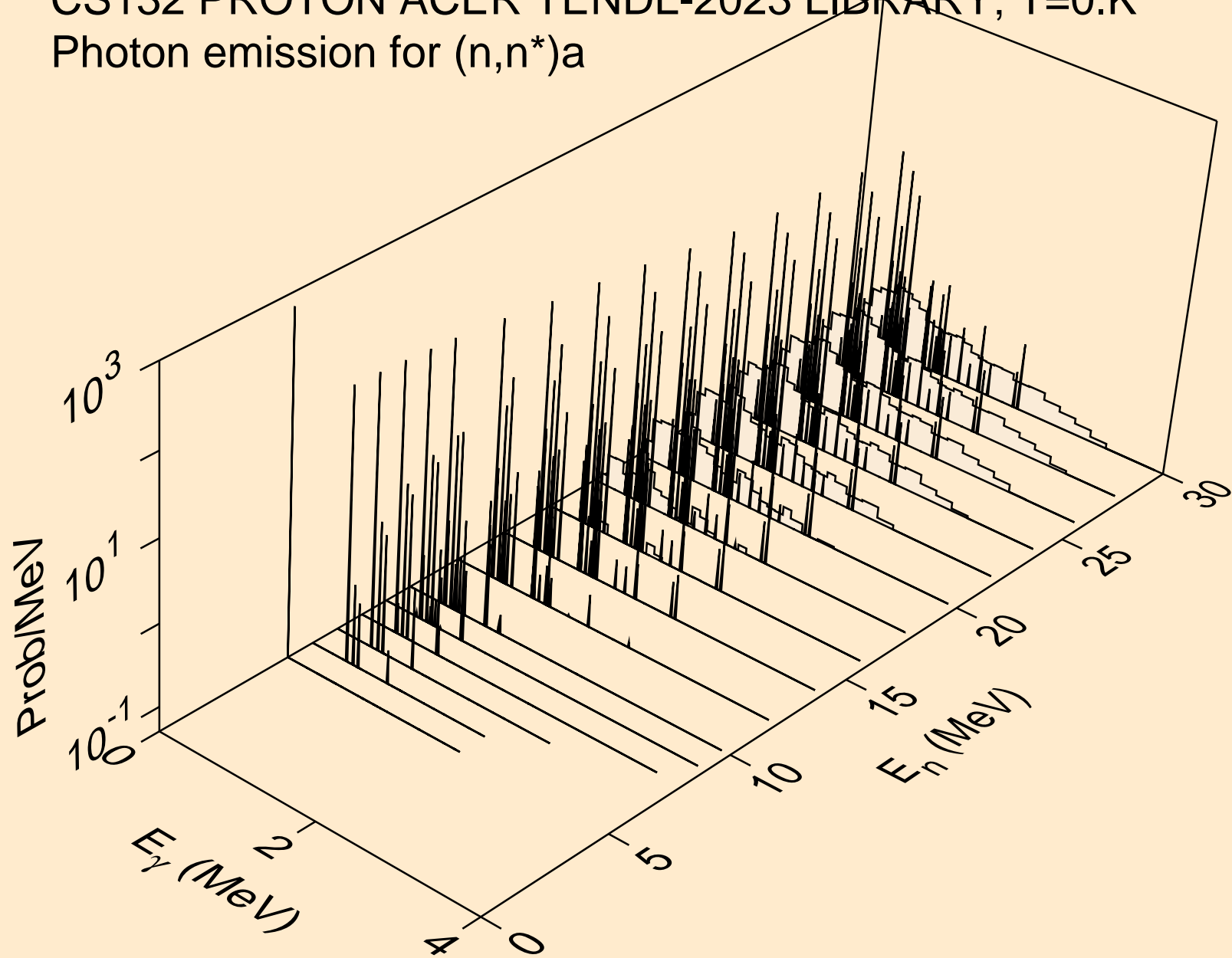




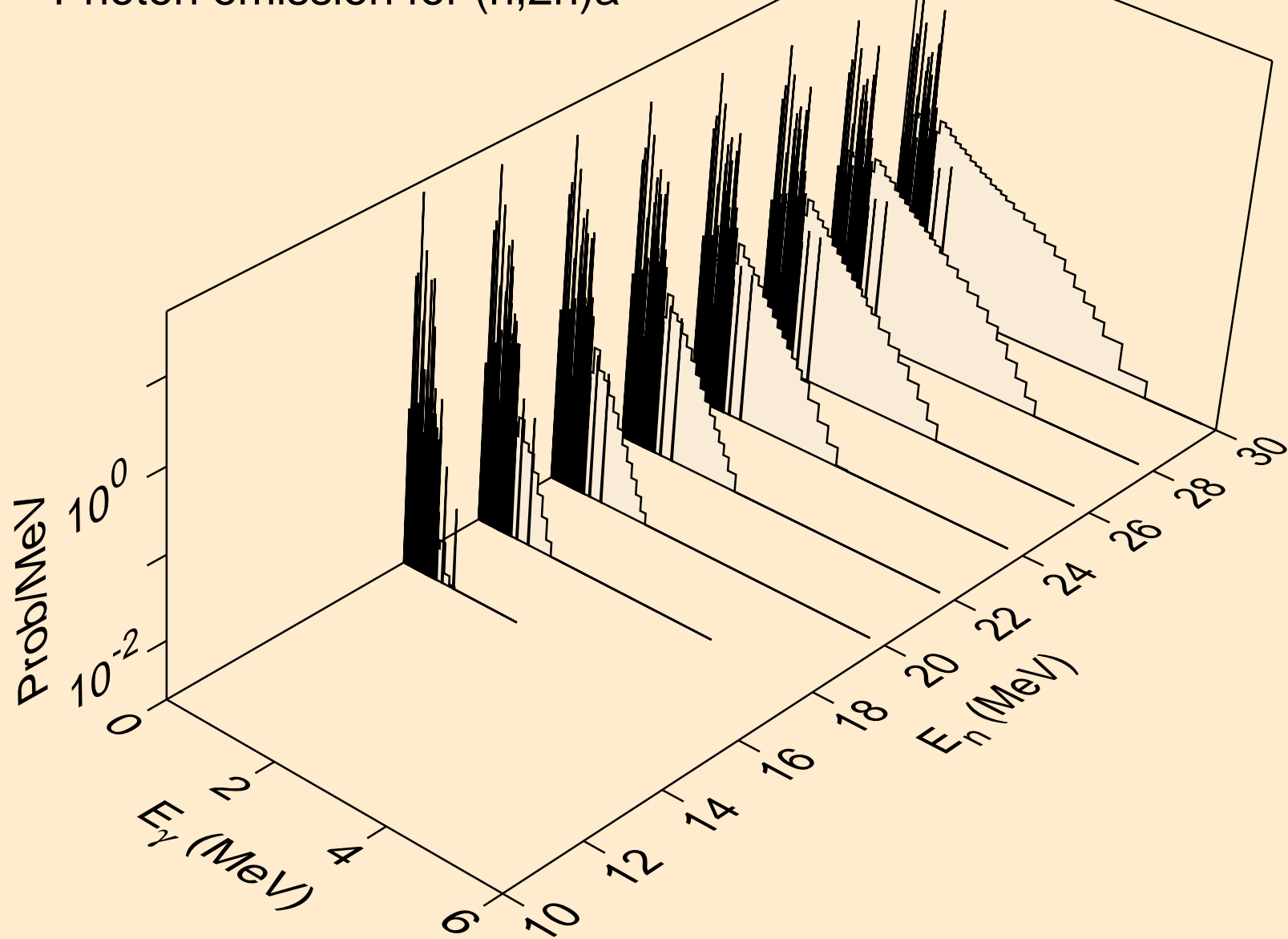
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



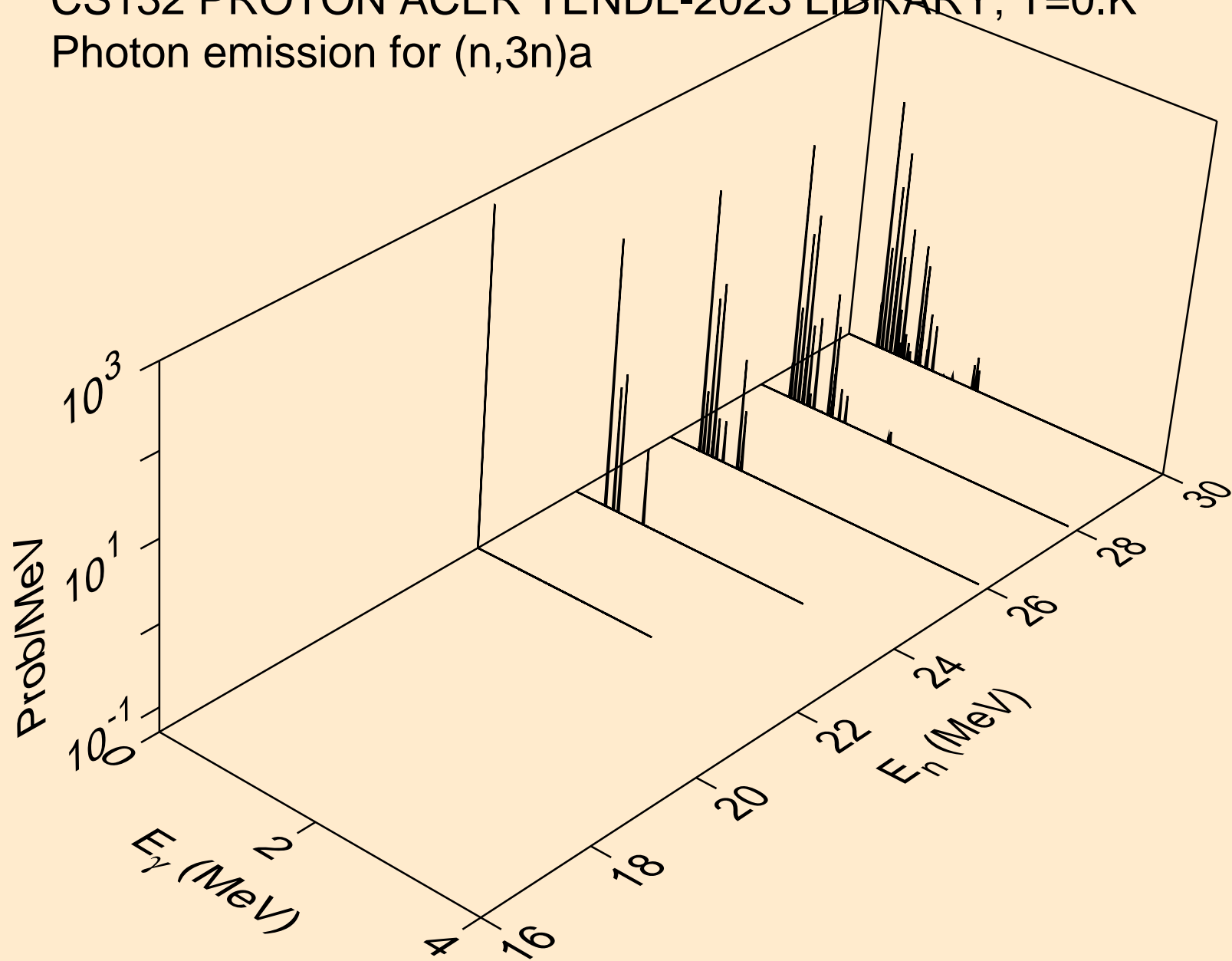
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



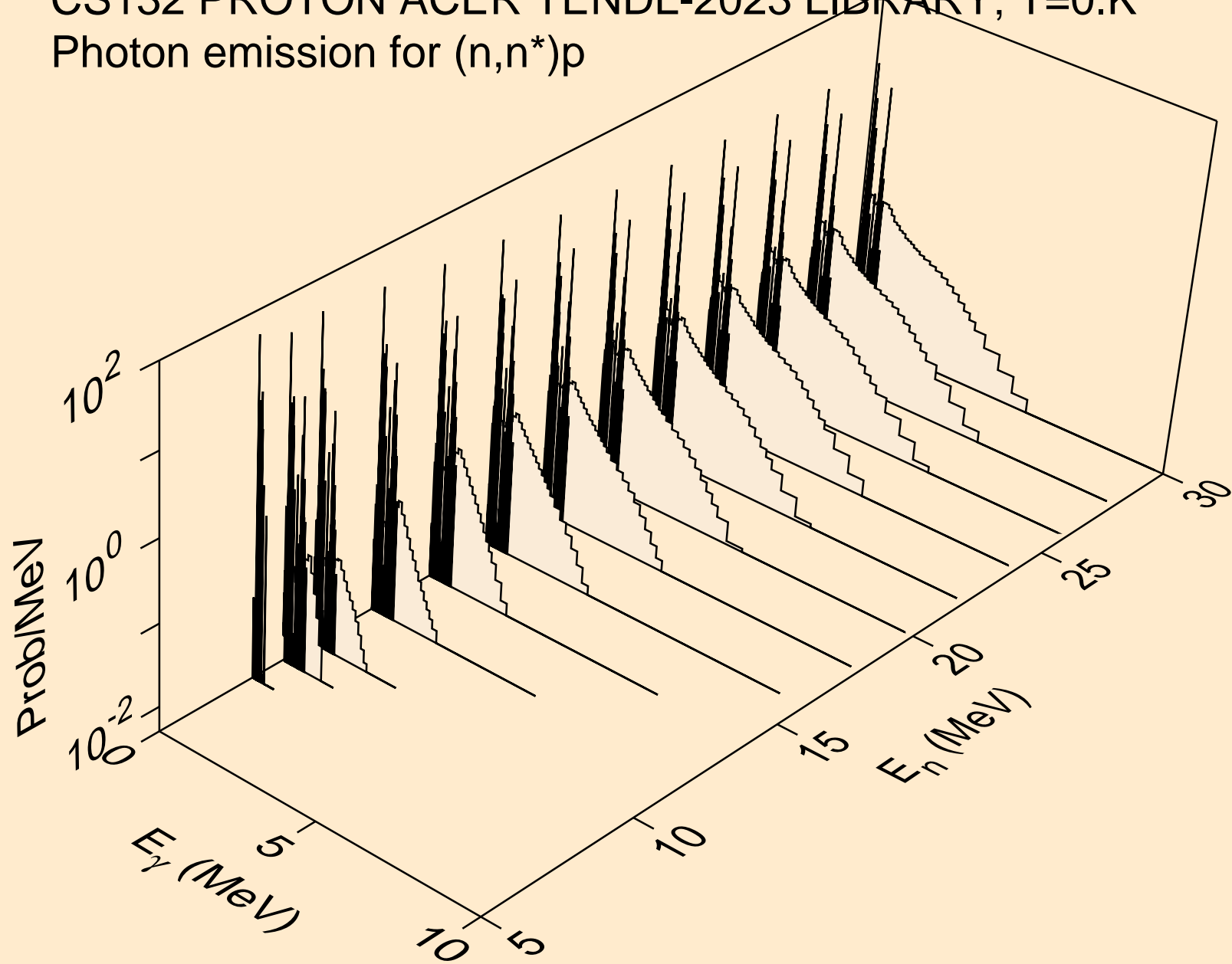
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



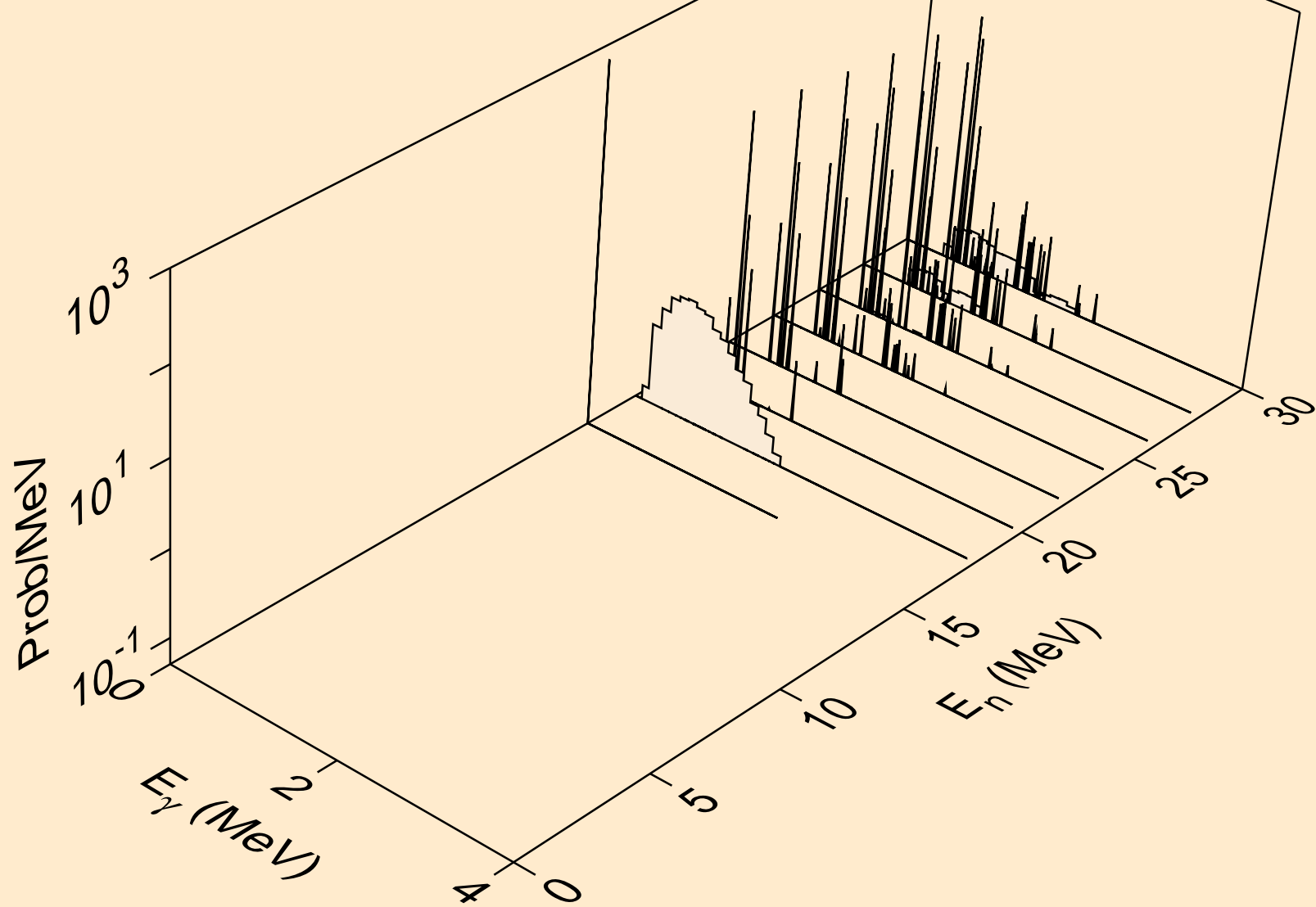
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



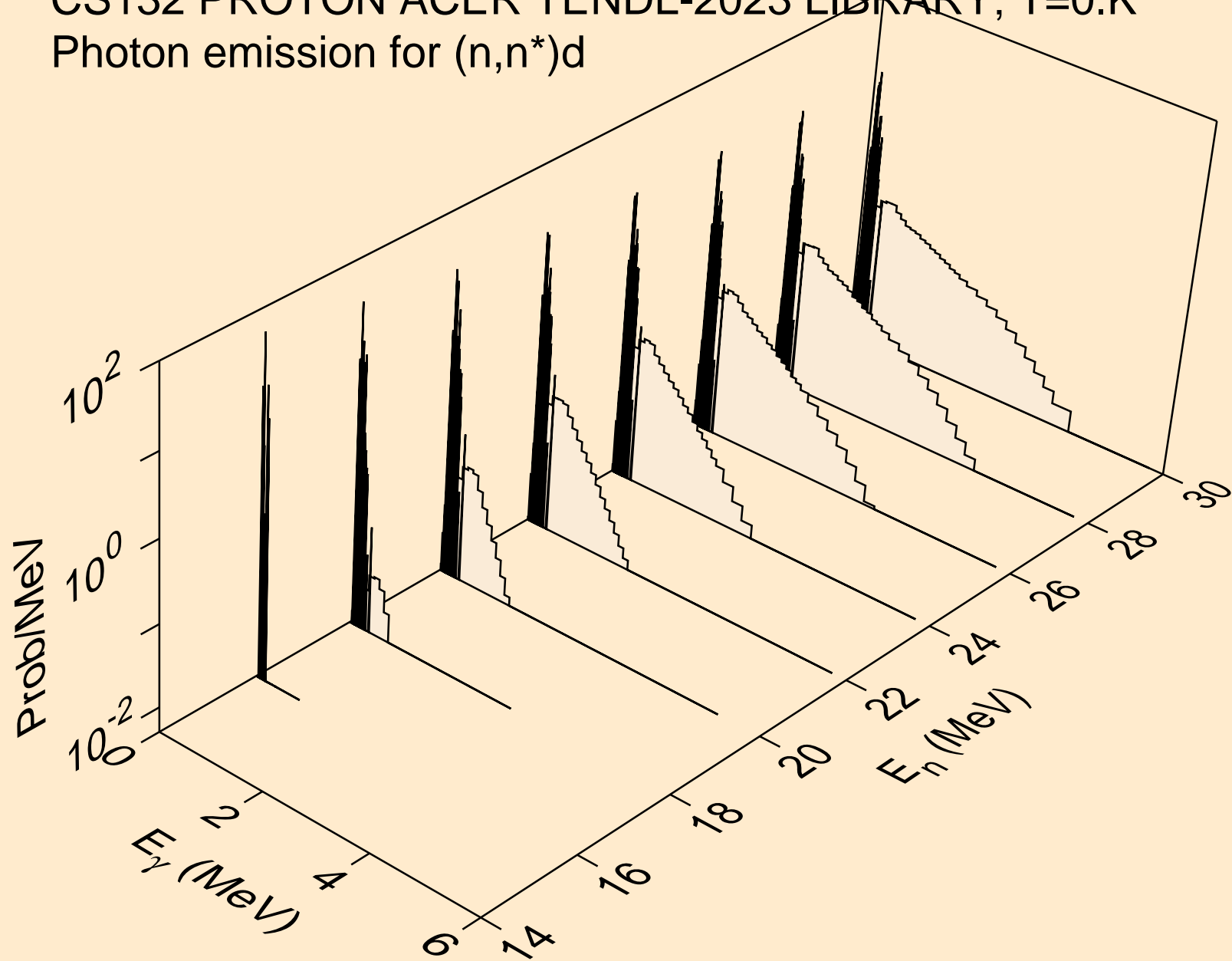
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



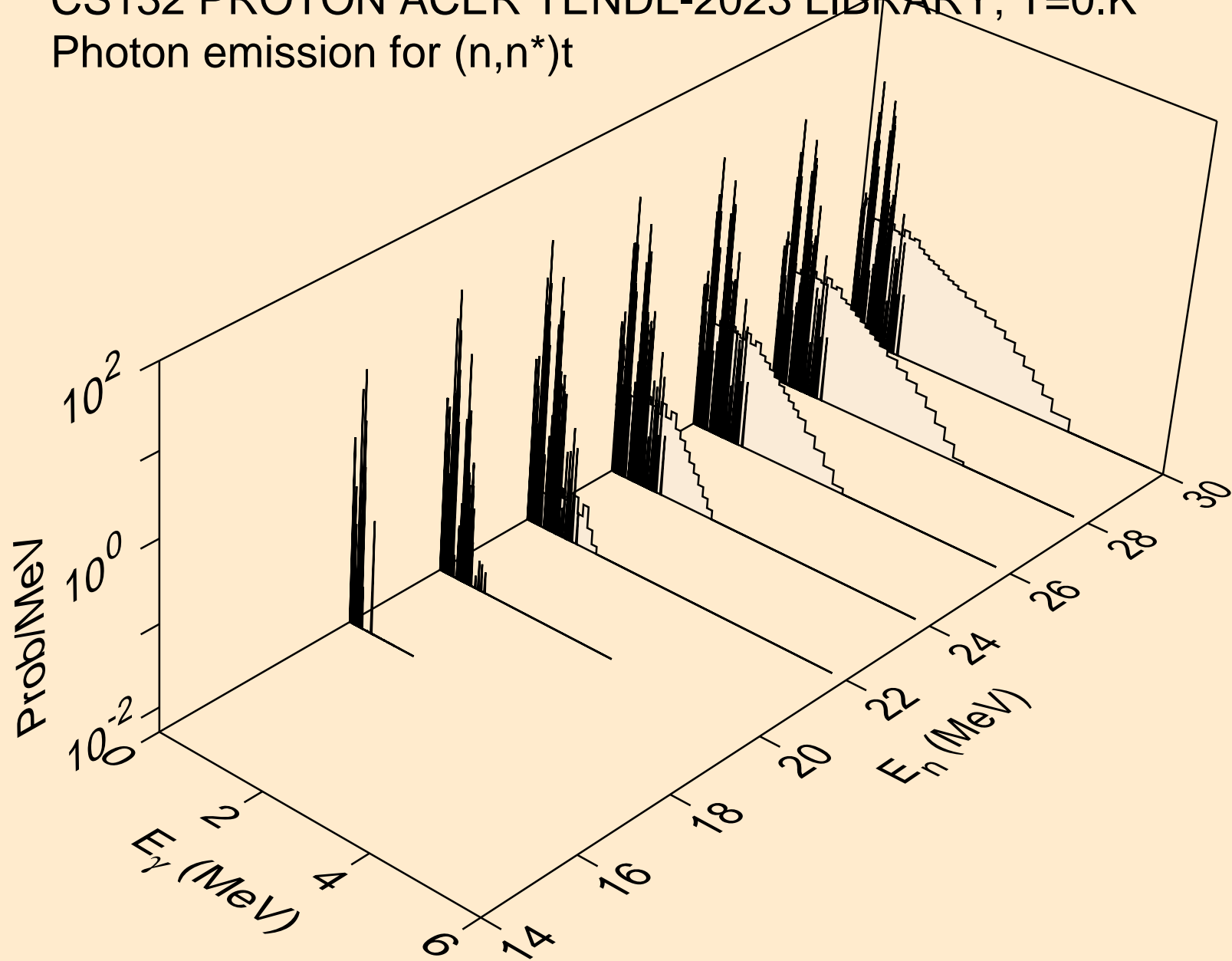
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

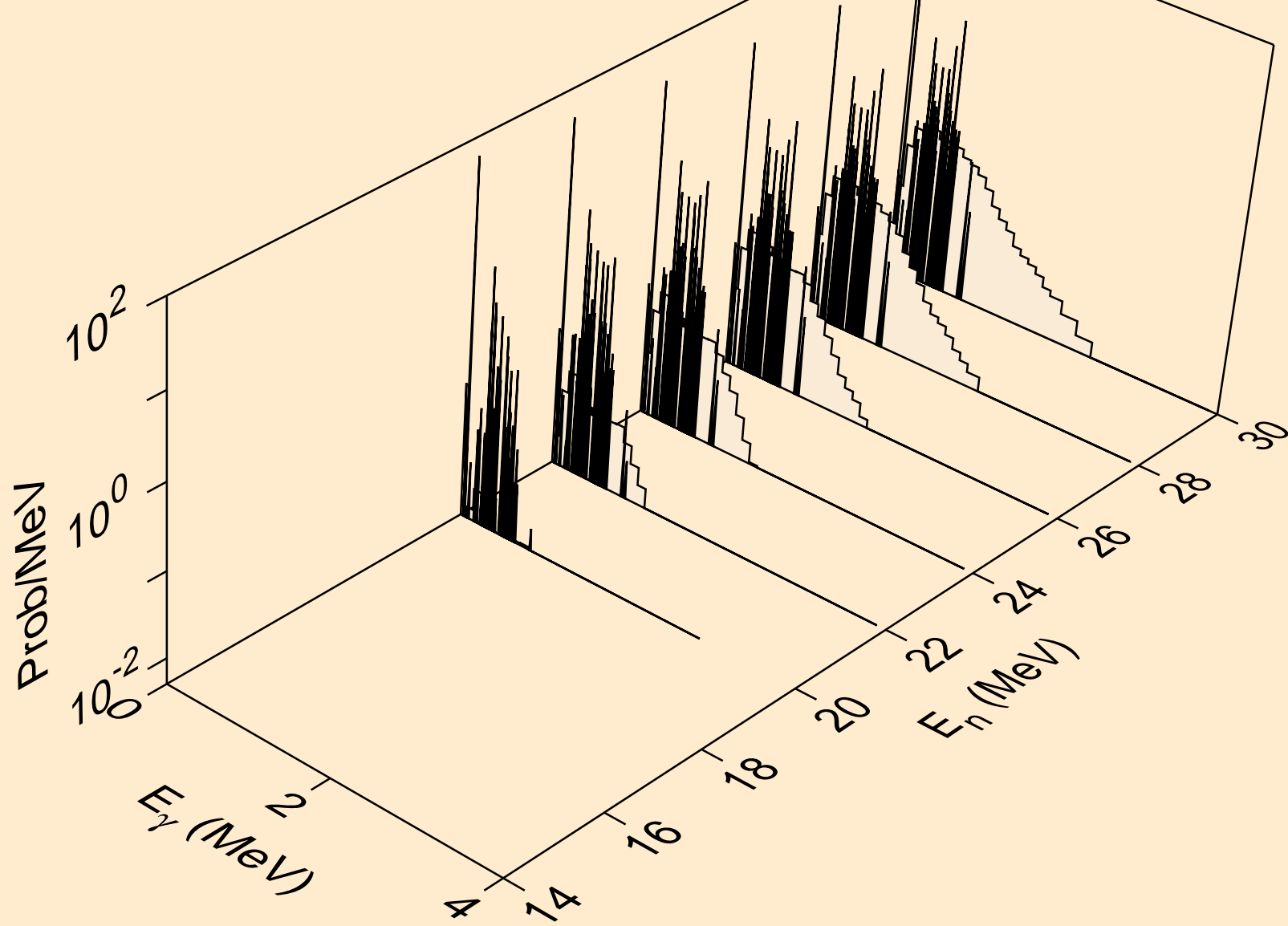


CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

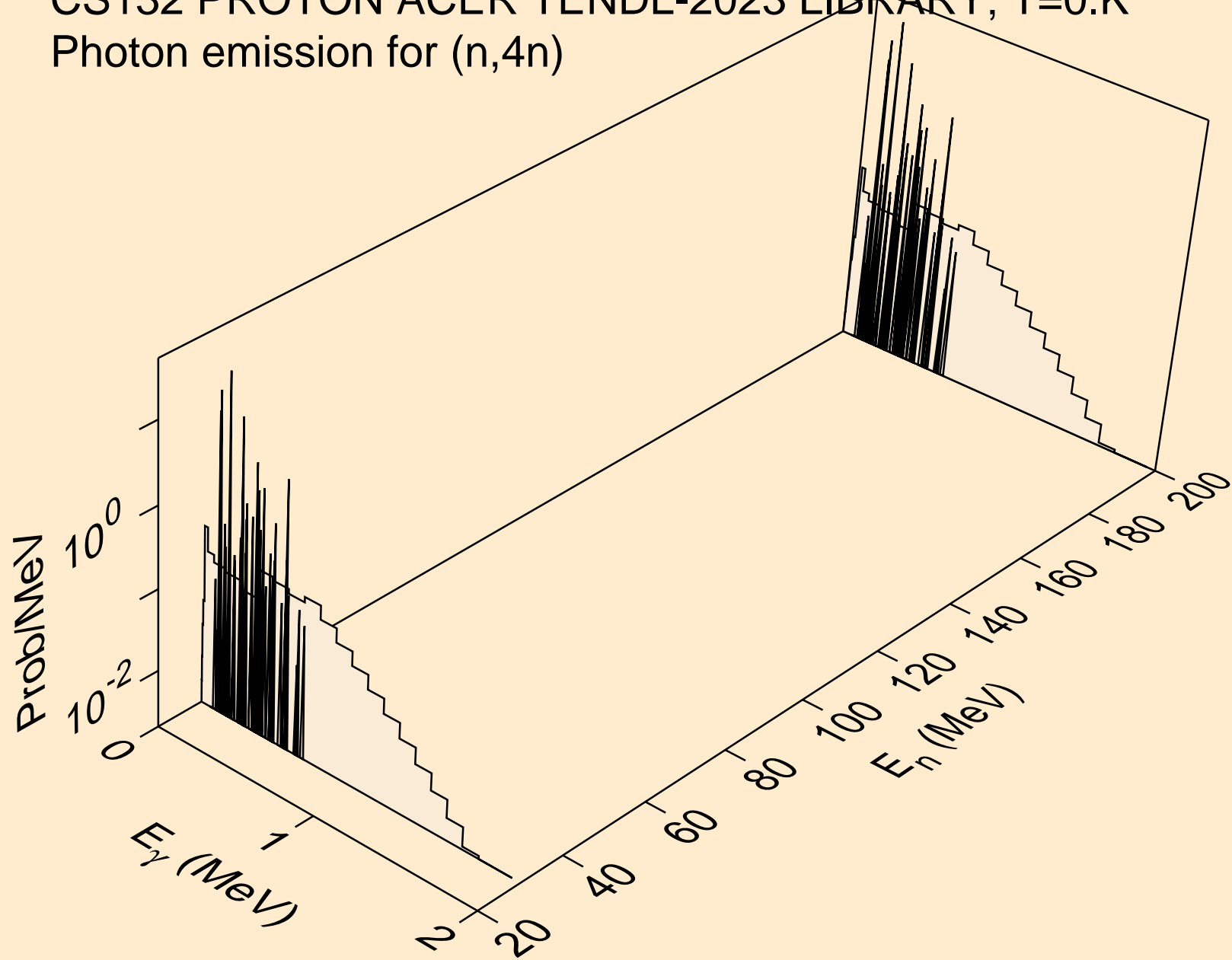




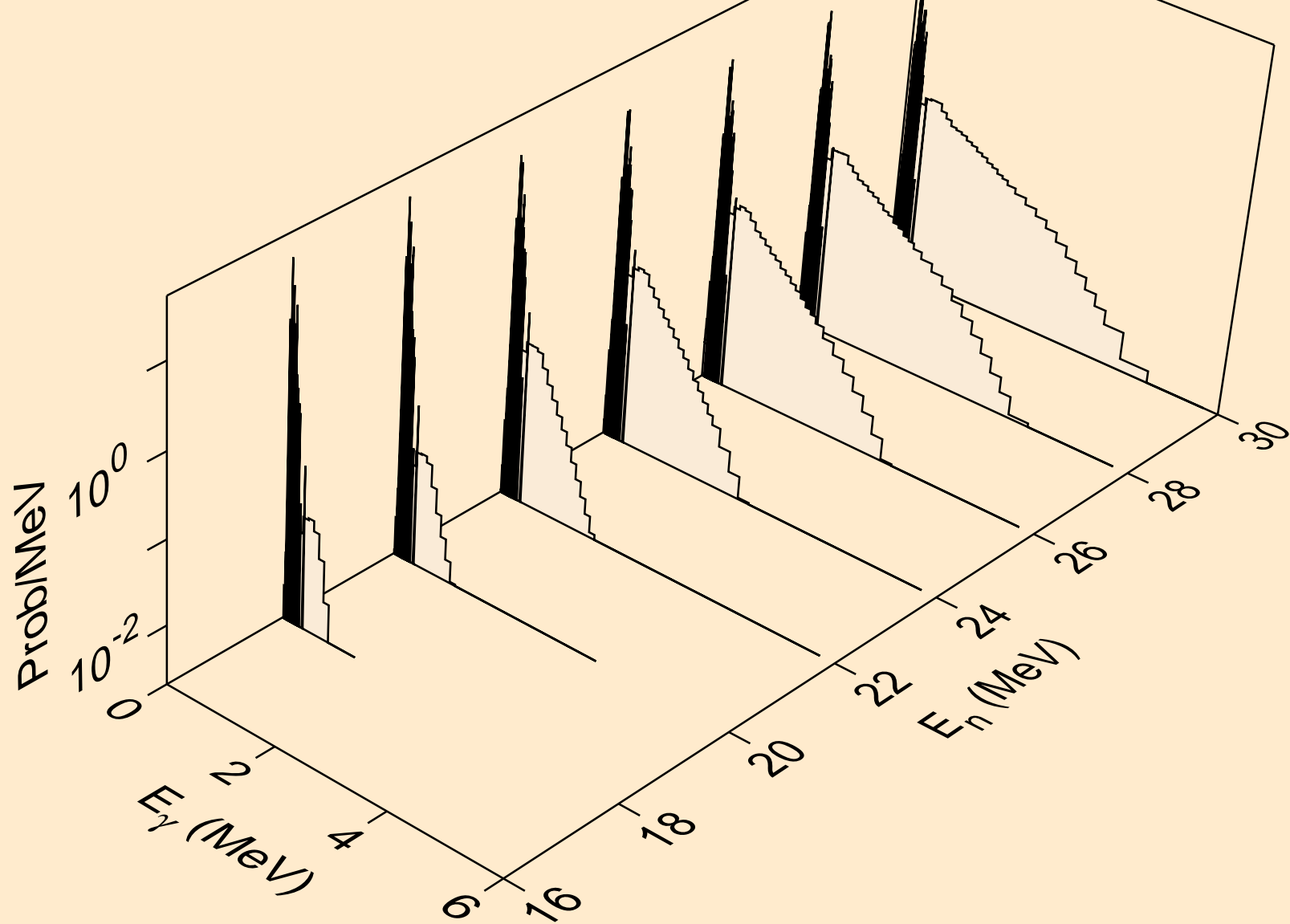
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



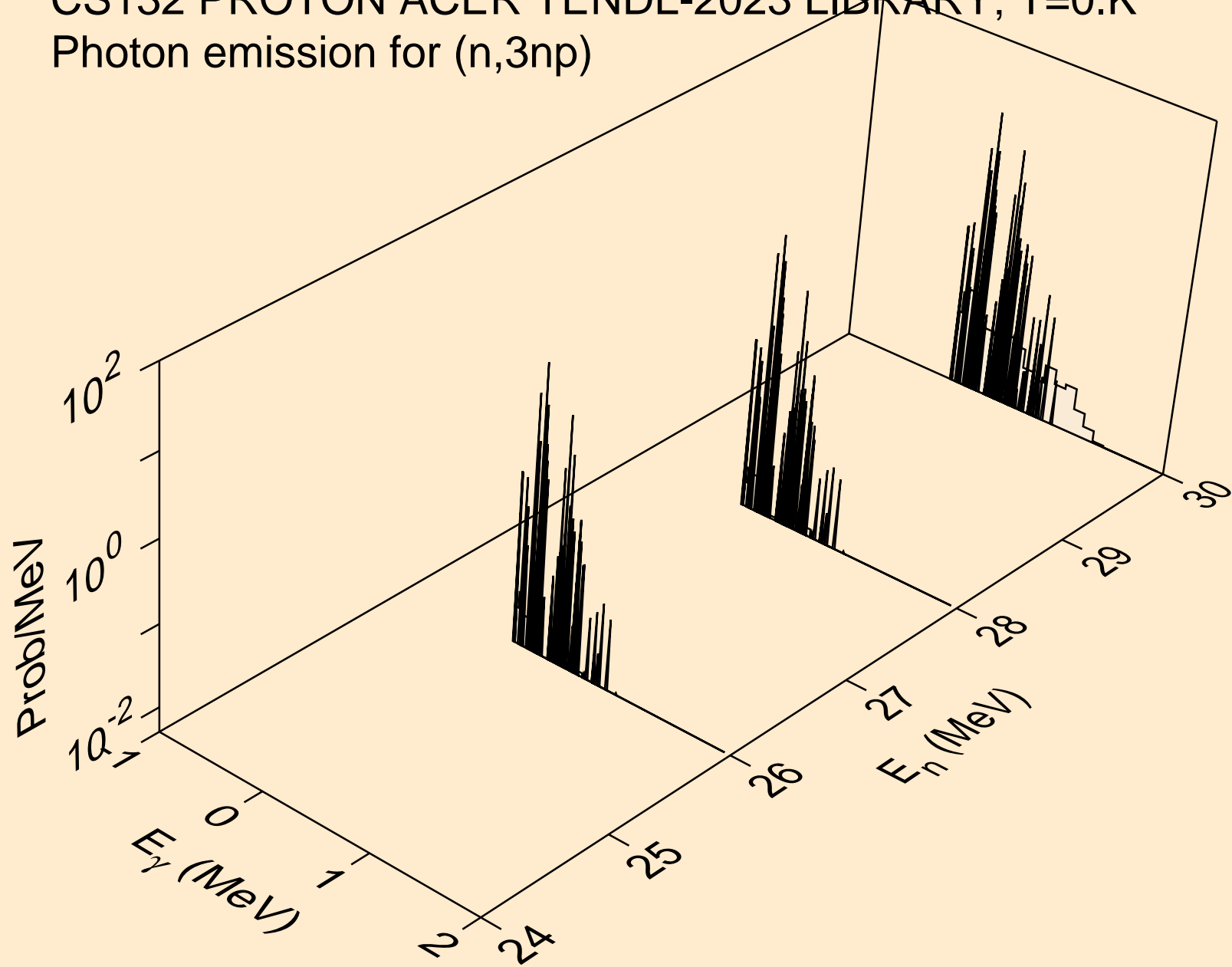
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



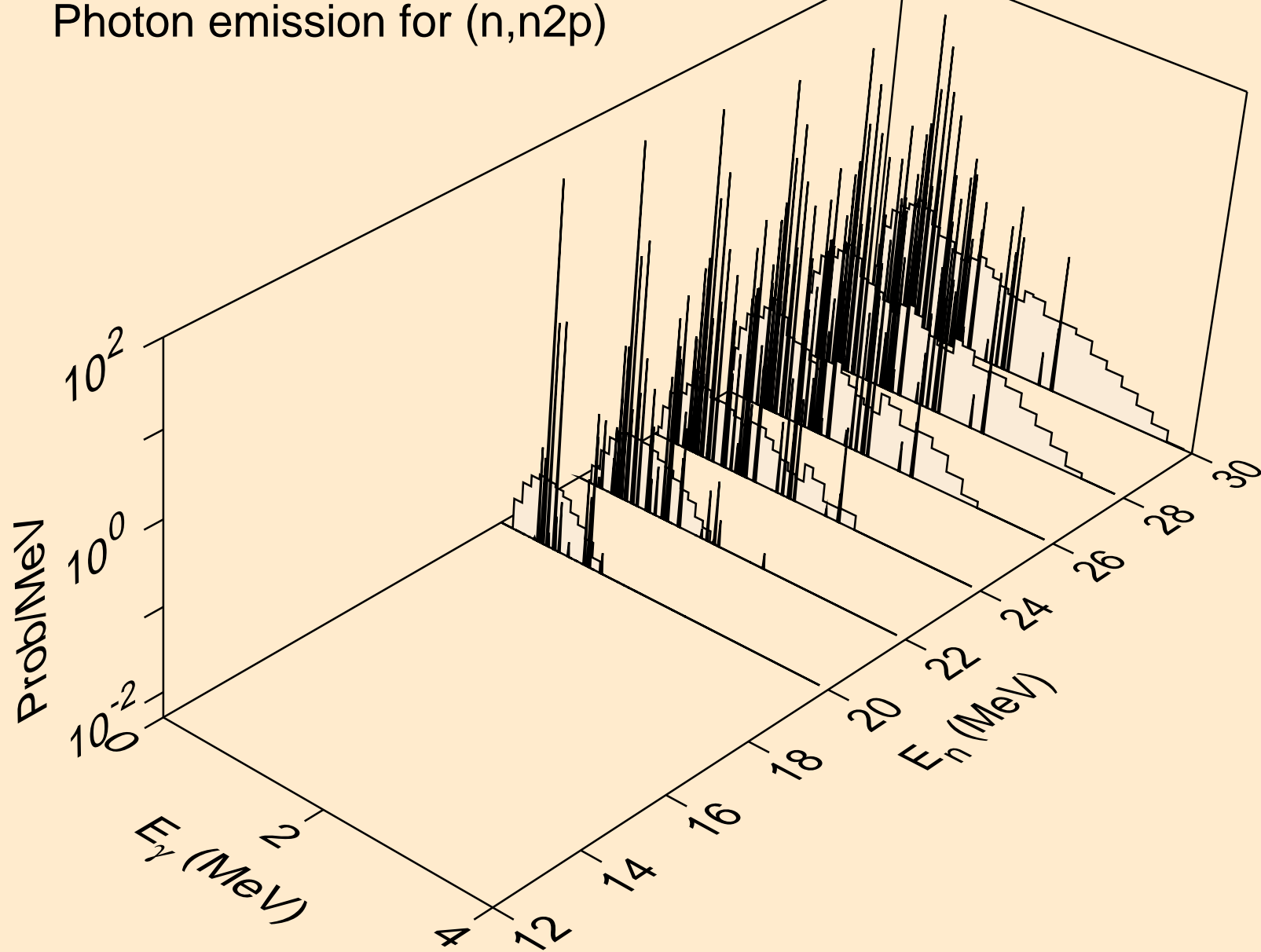
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



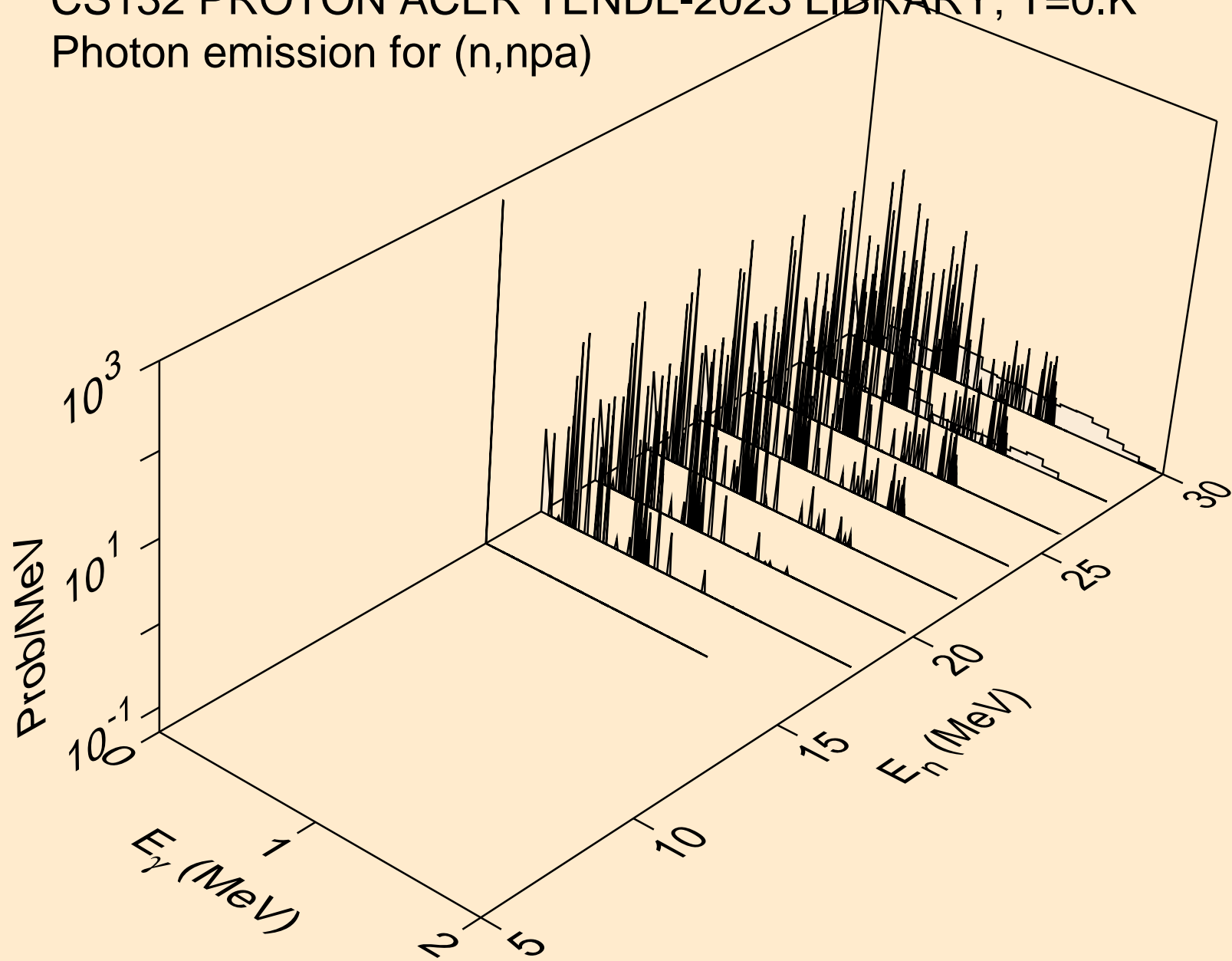
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



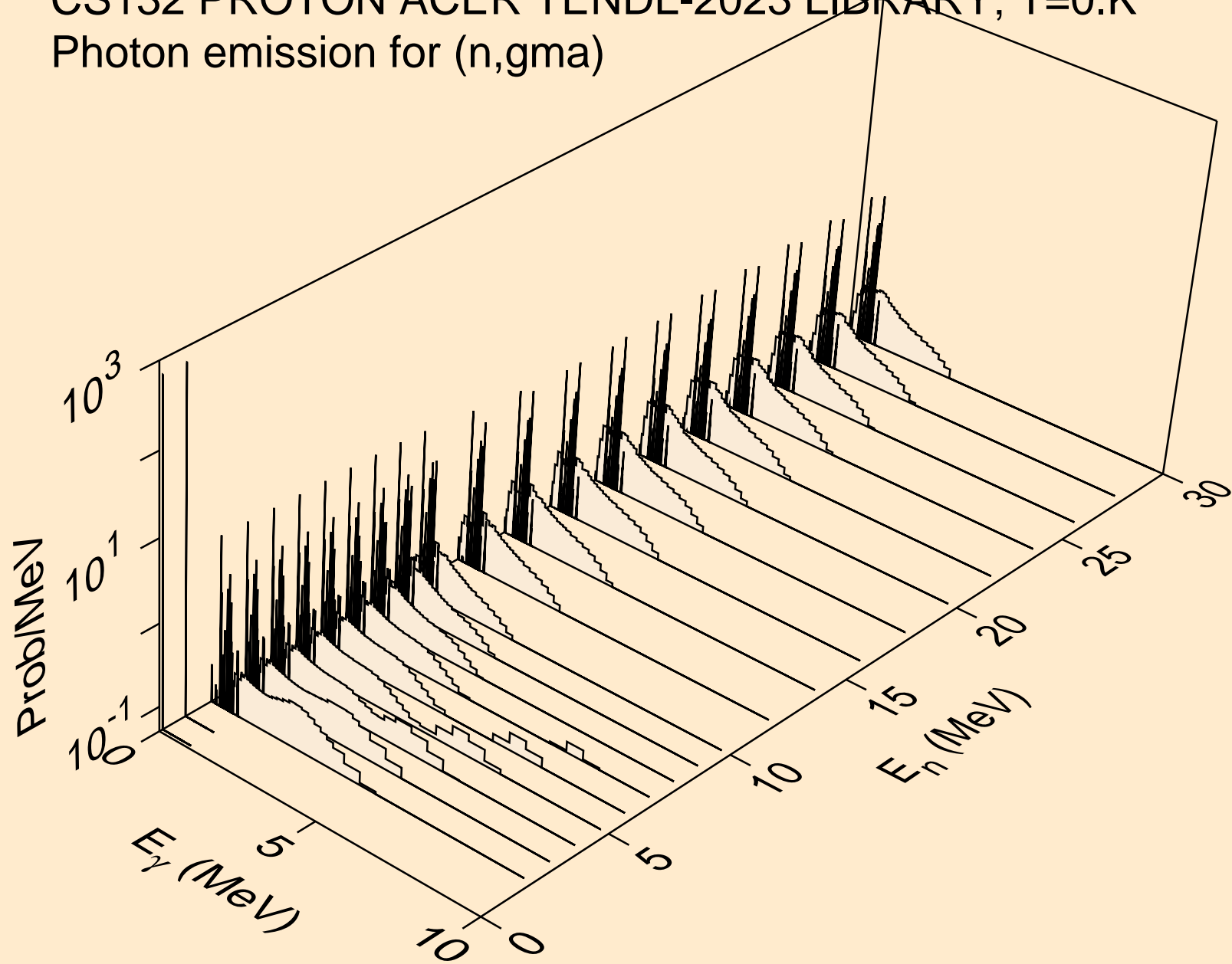
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



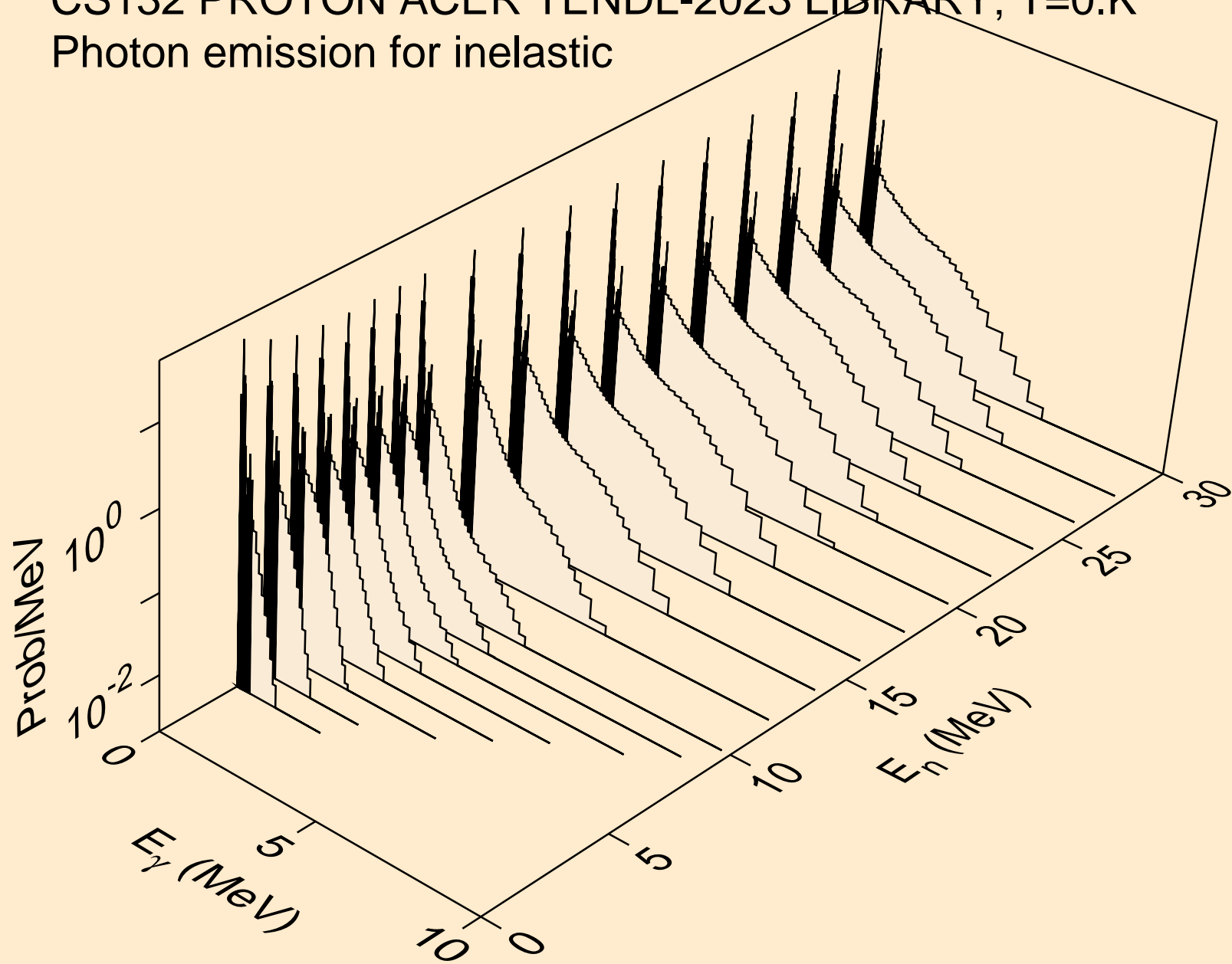
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

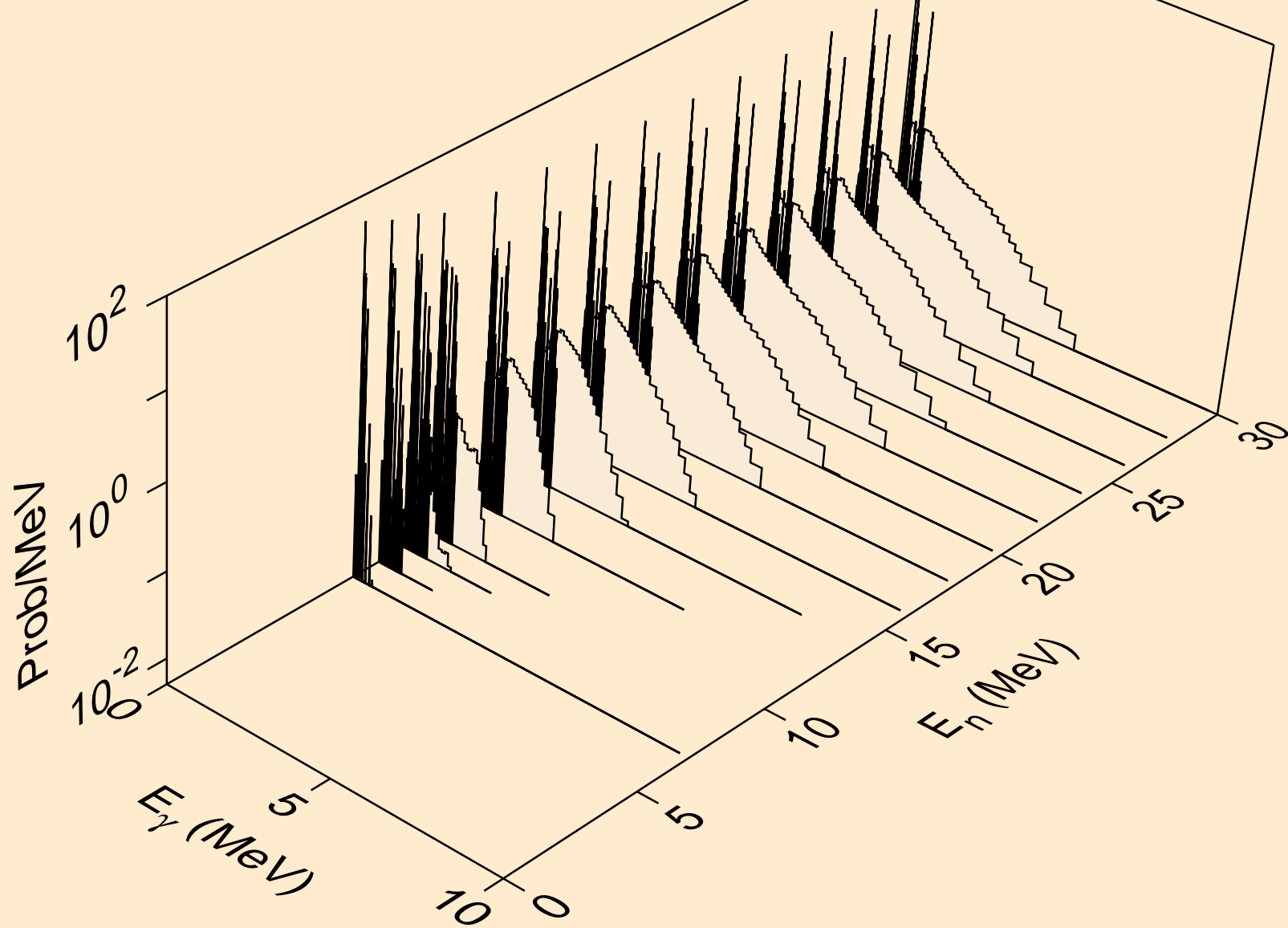


CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

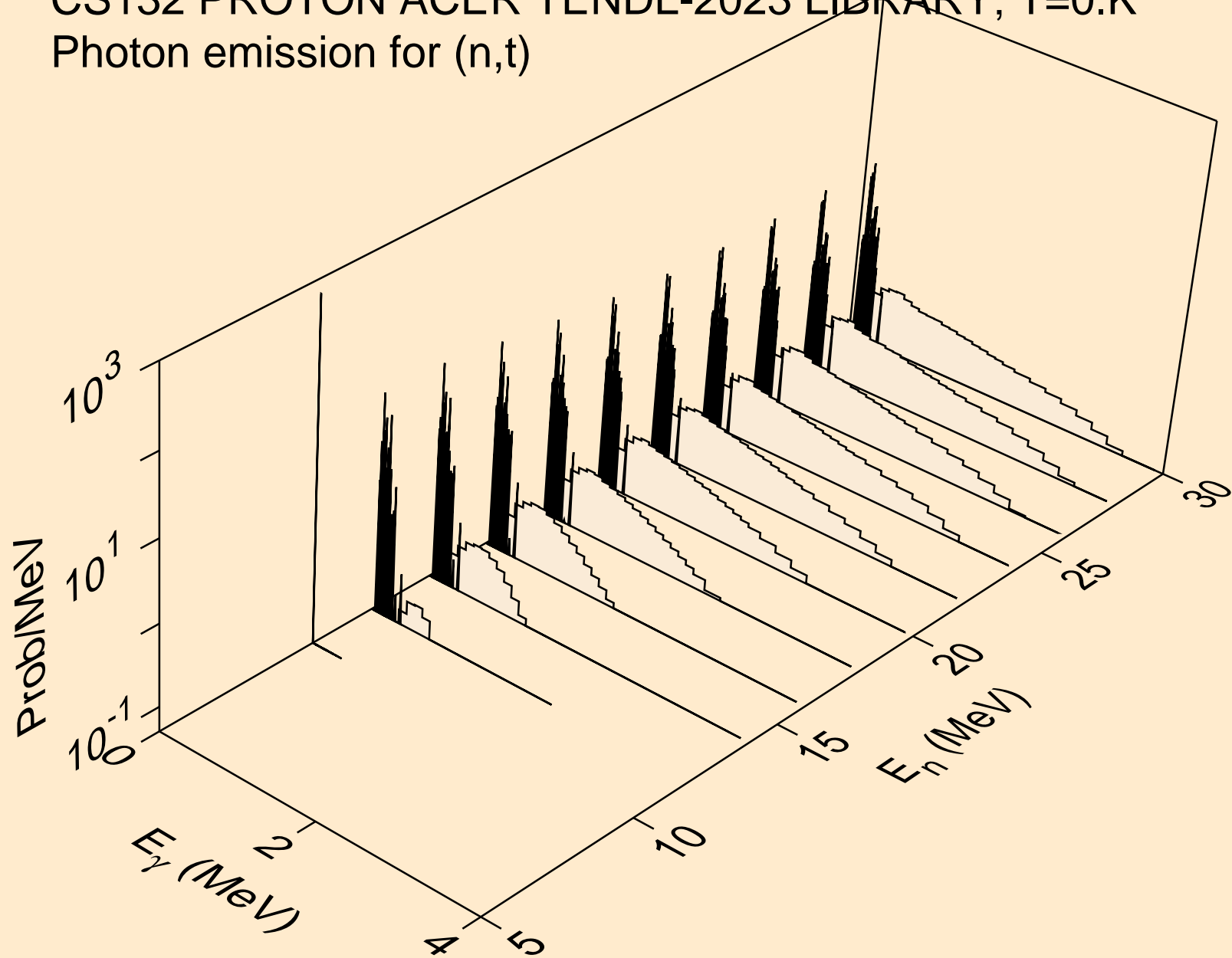




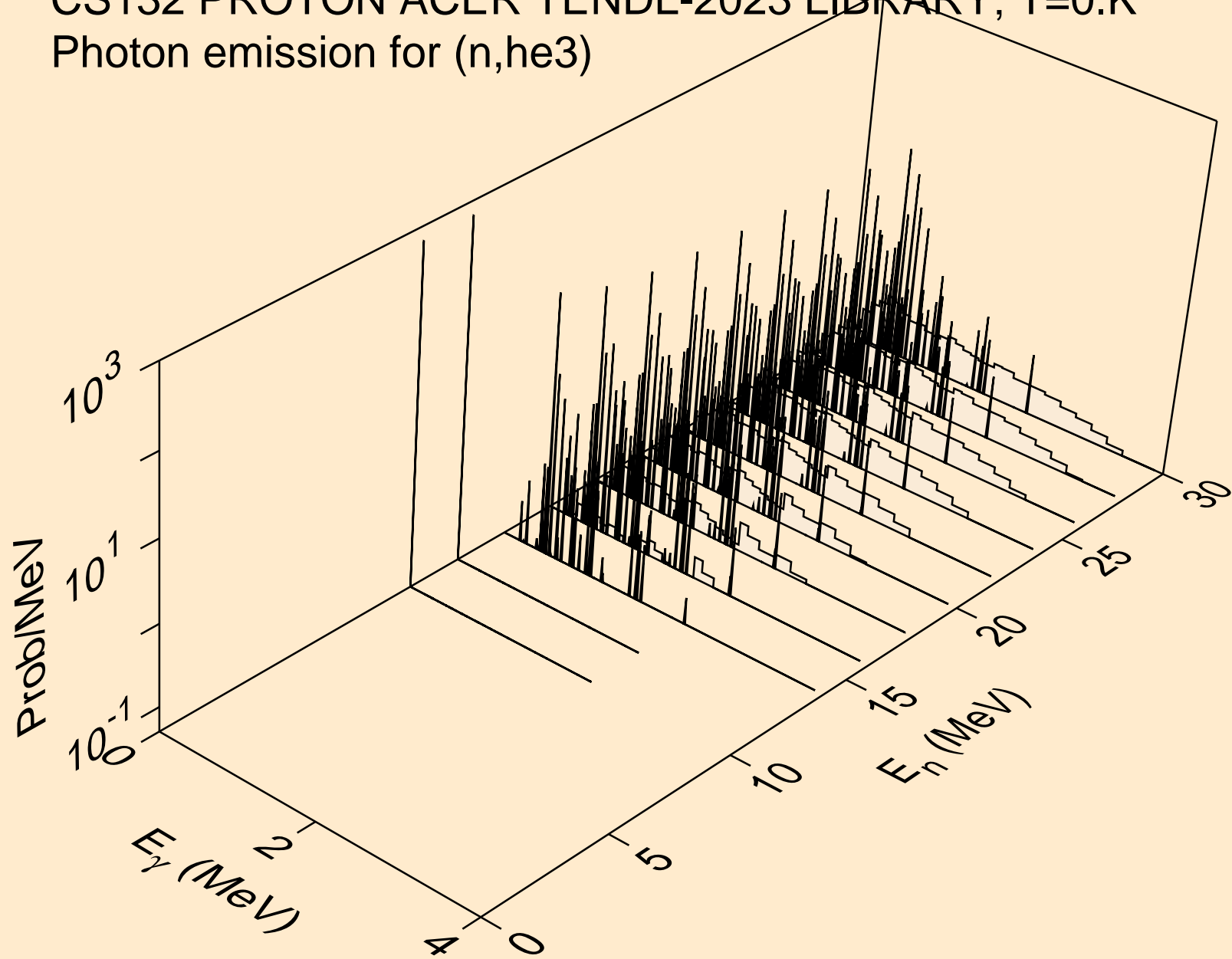
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



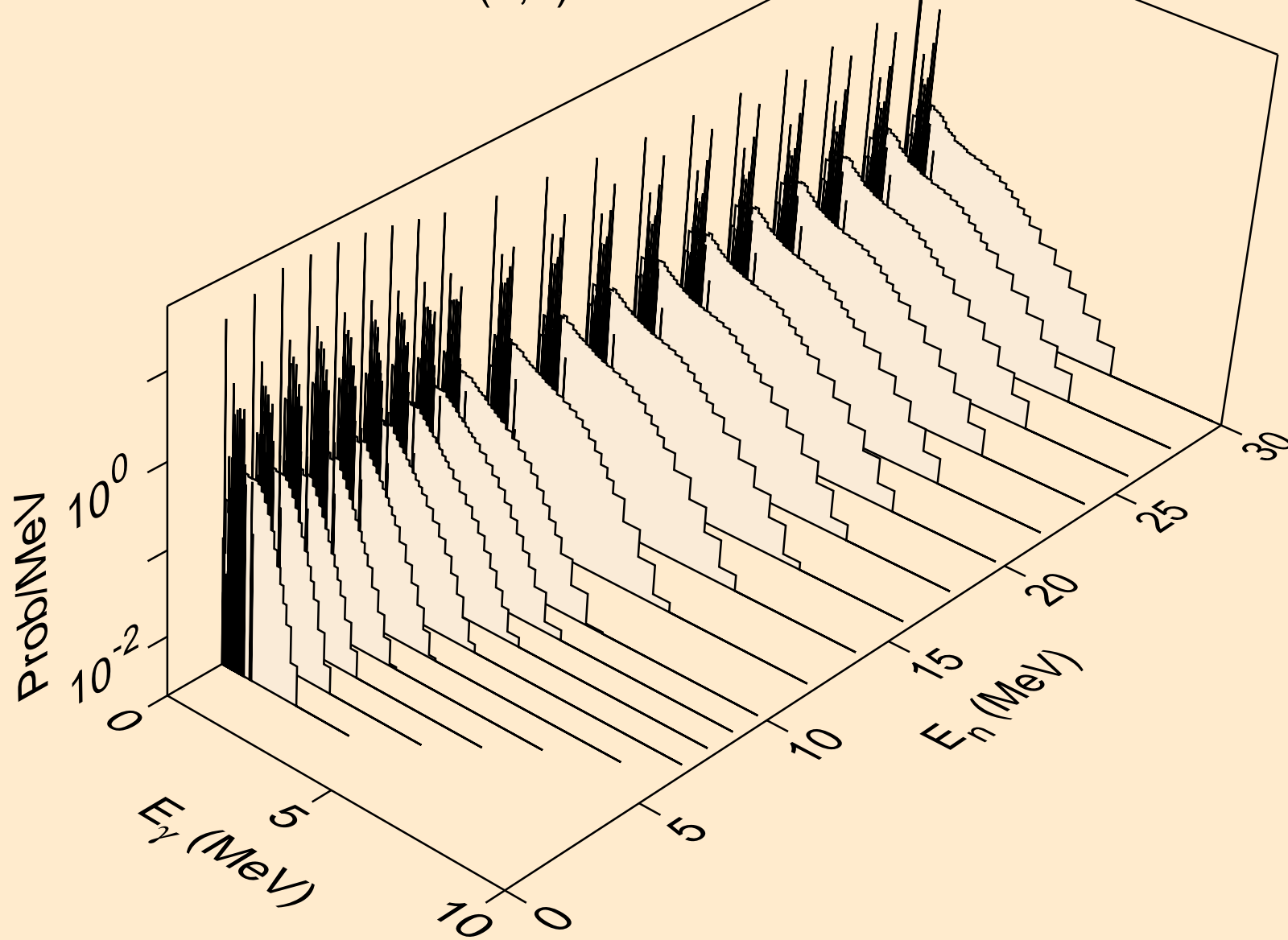
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



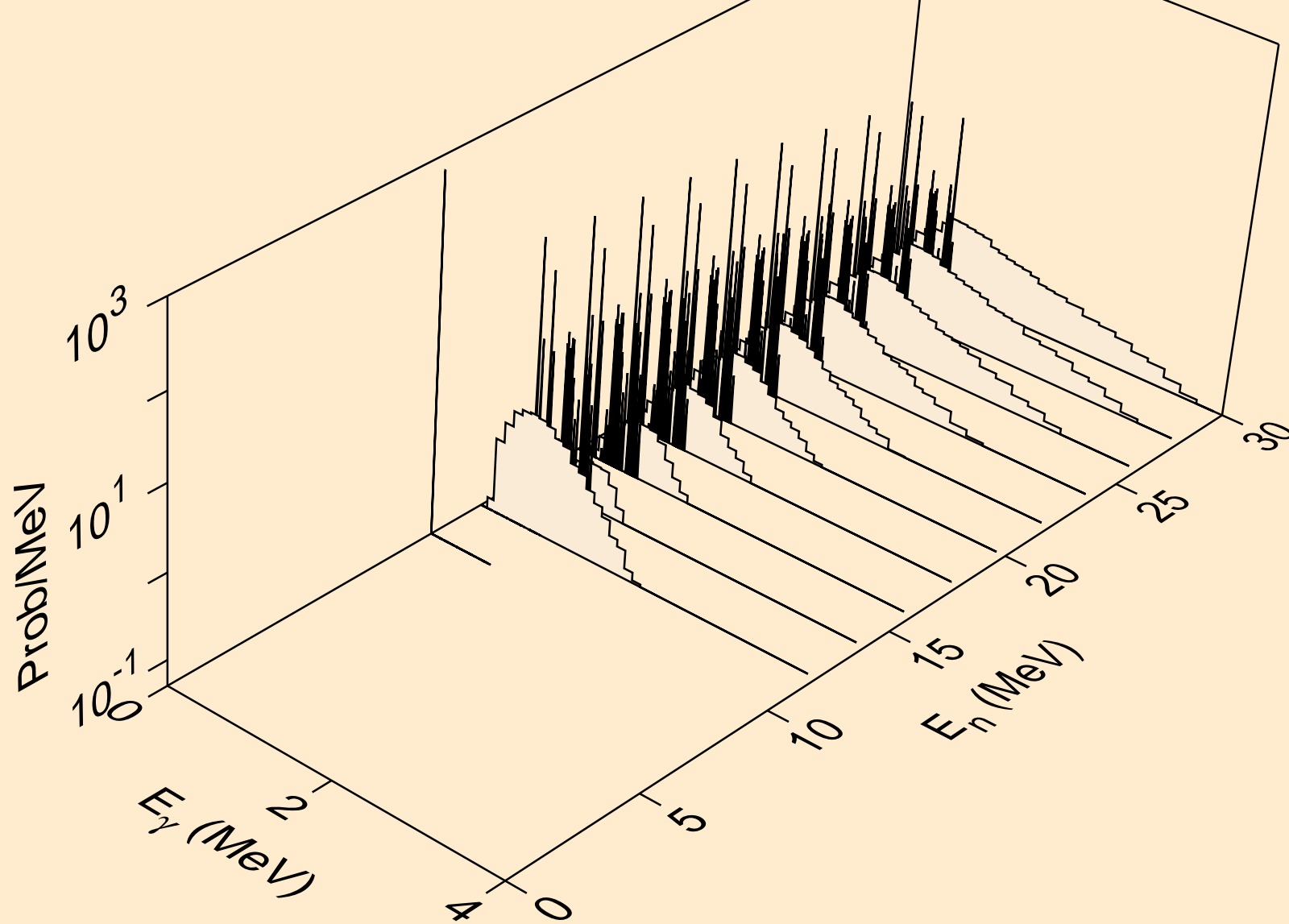
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



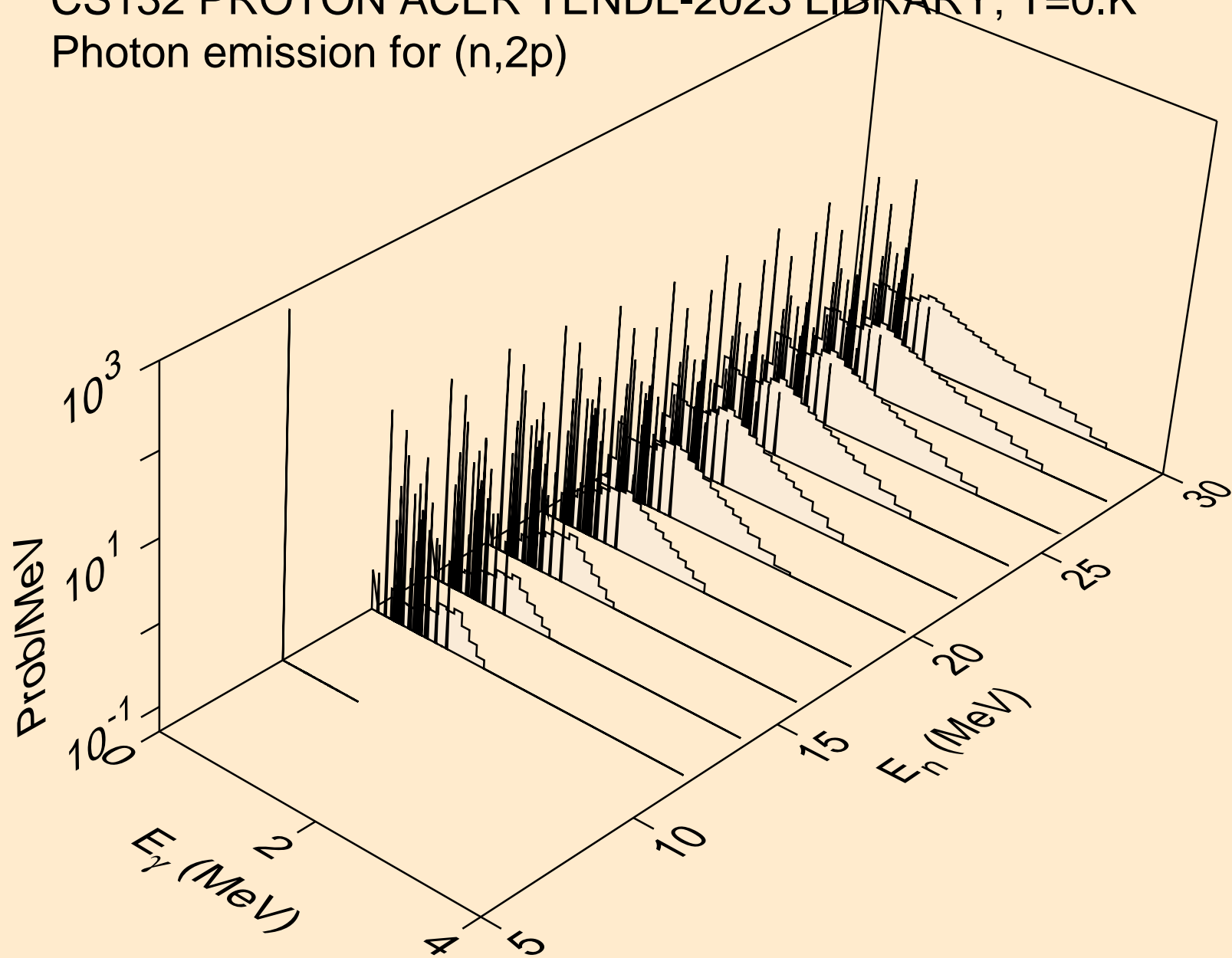
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



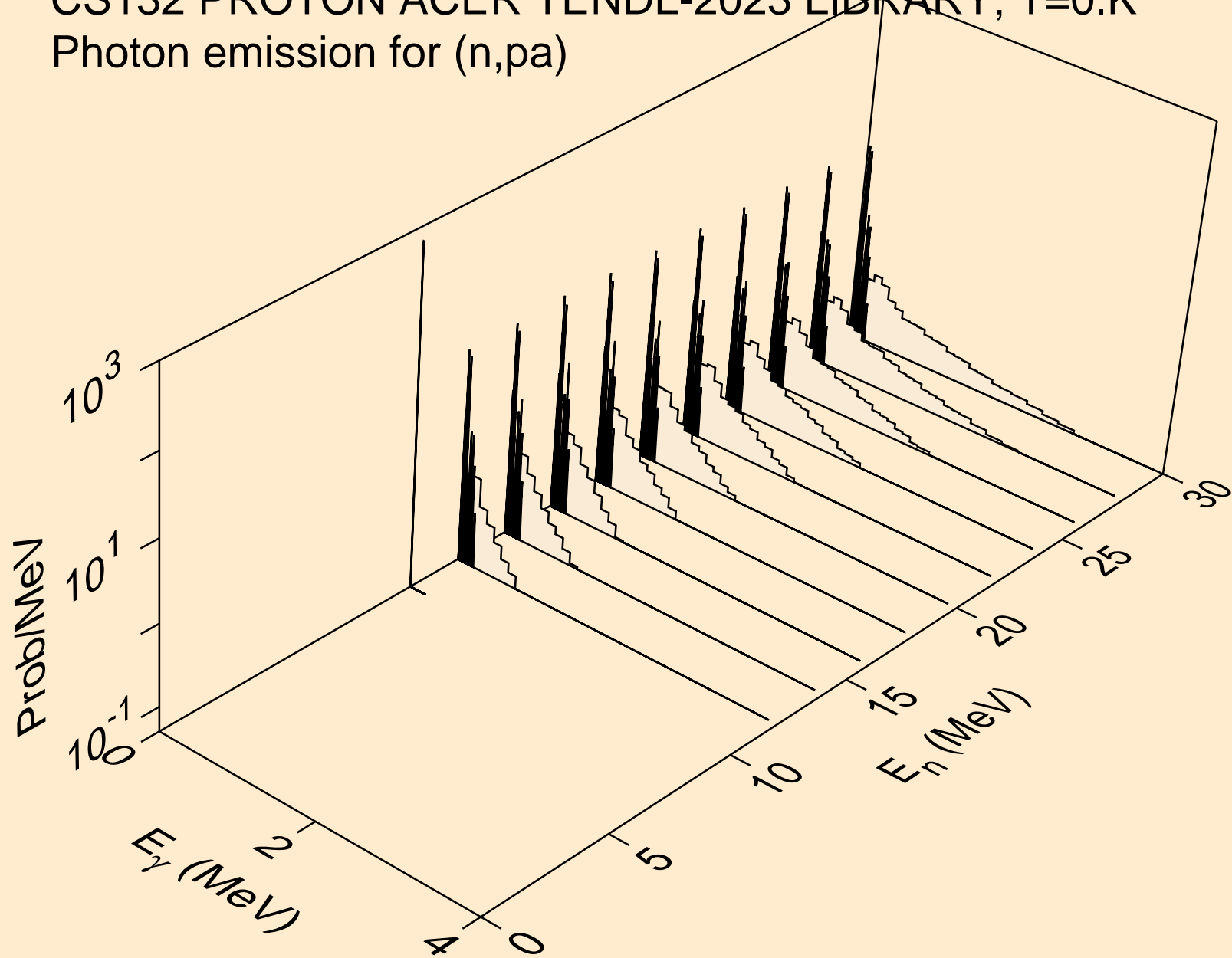
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



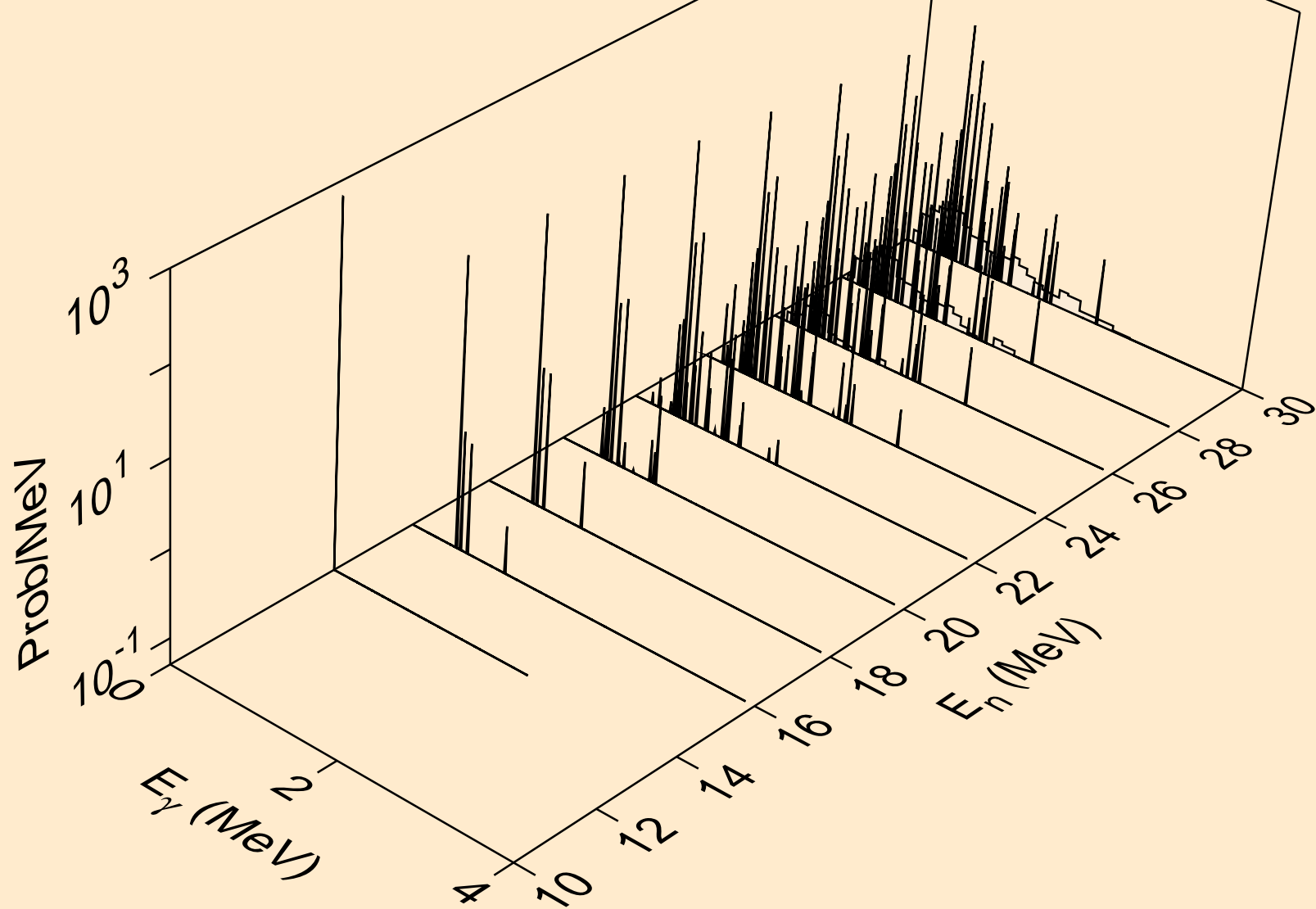
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

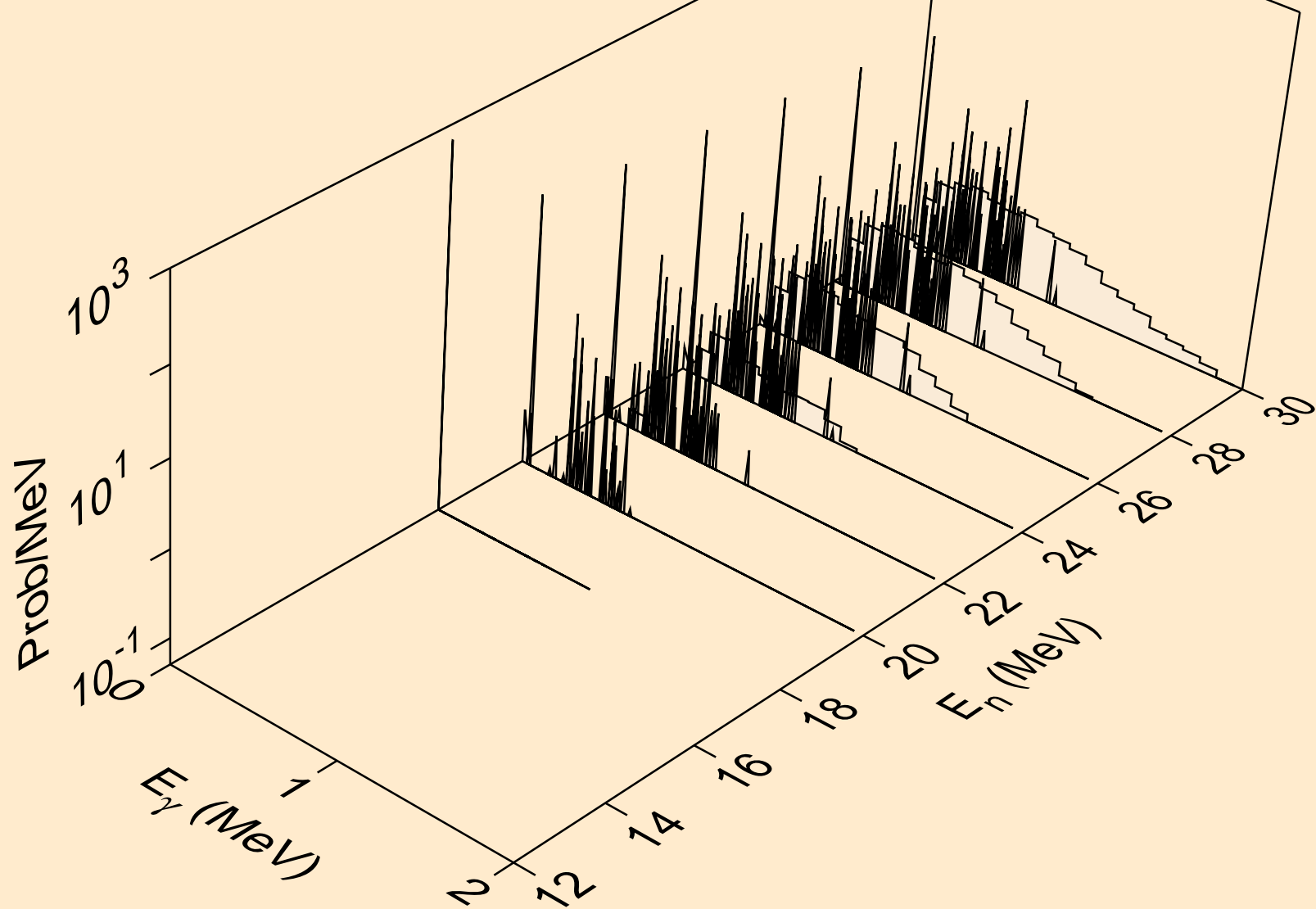


CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

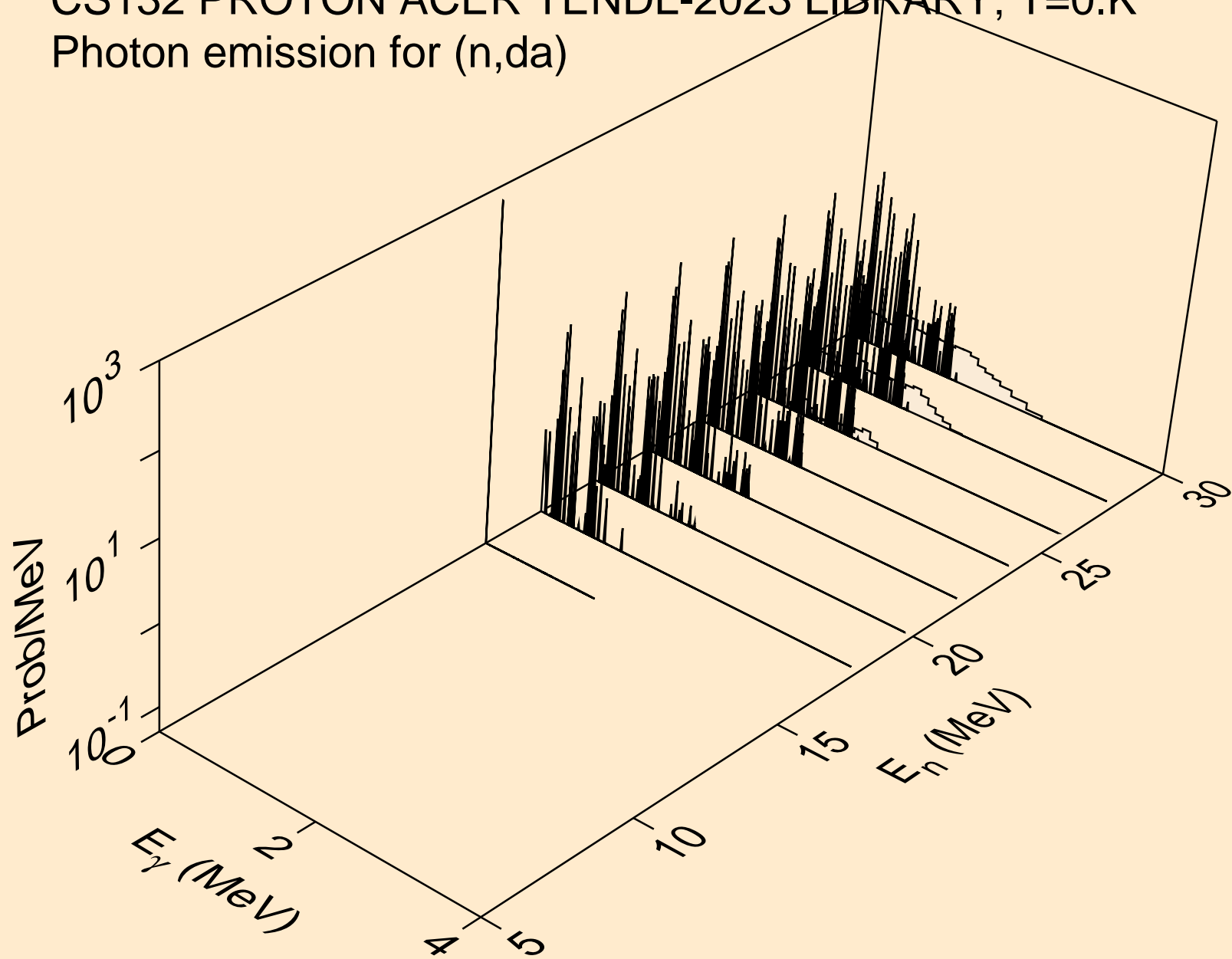




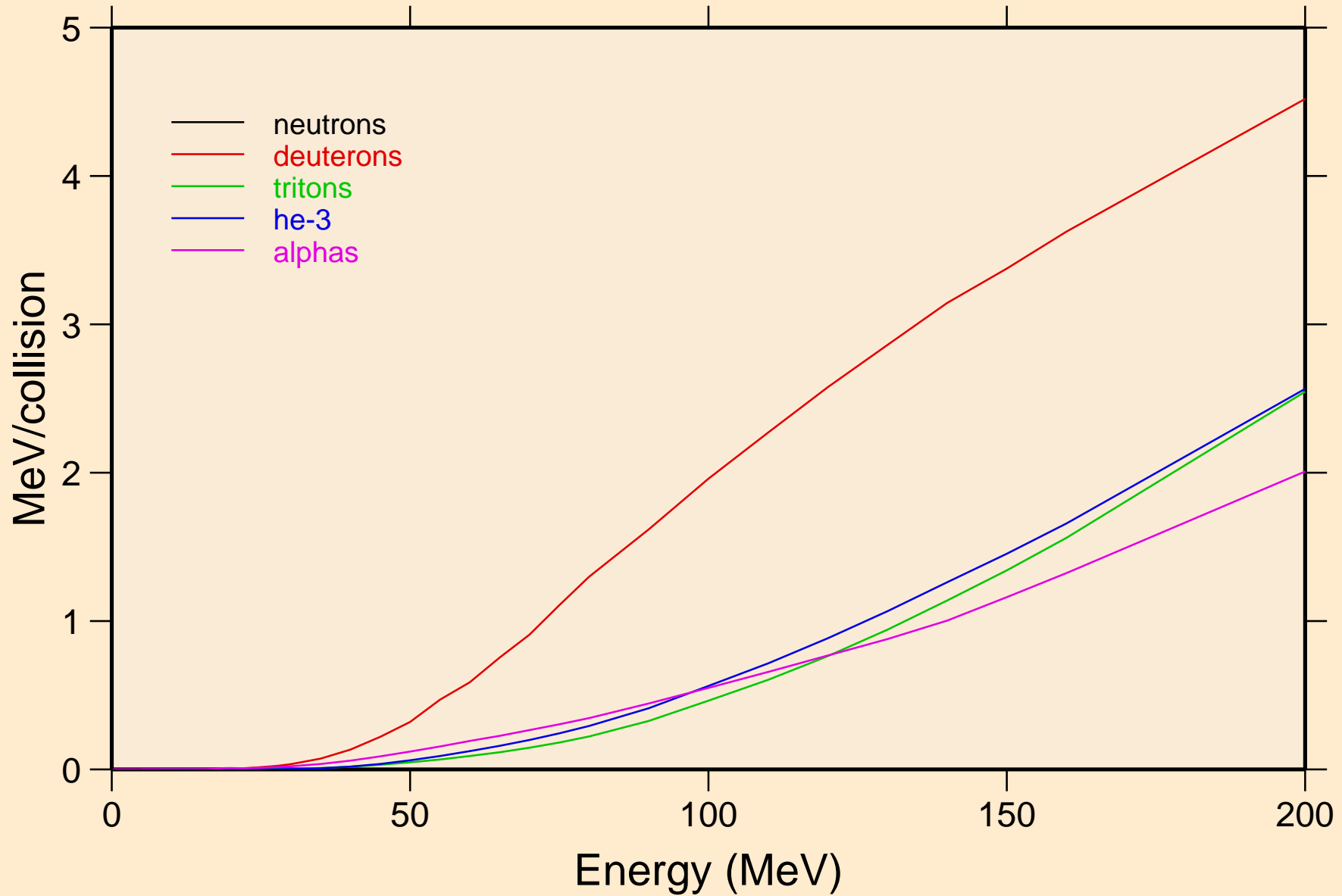
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

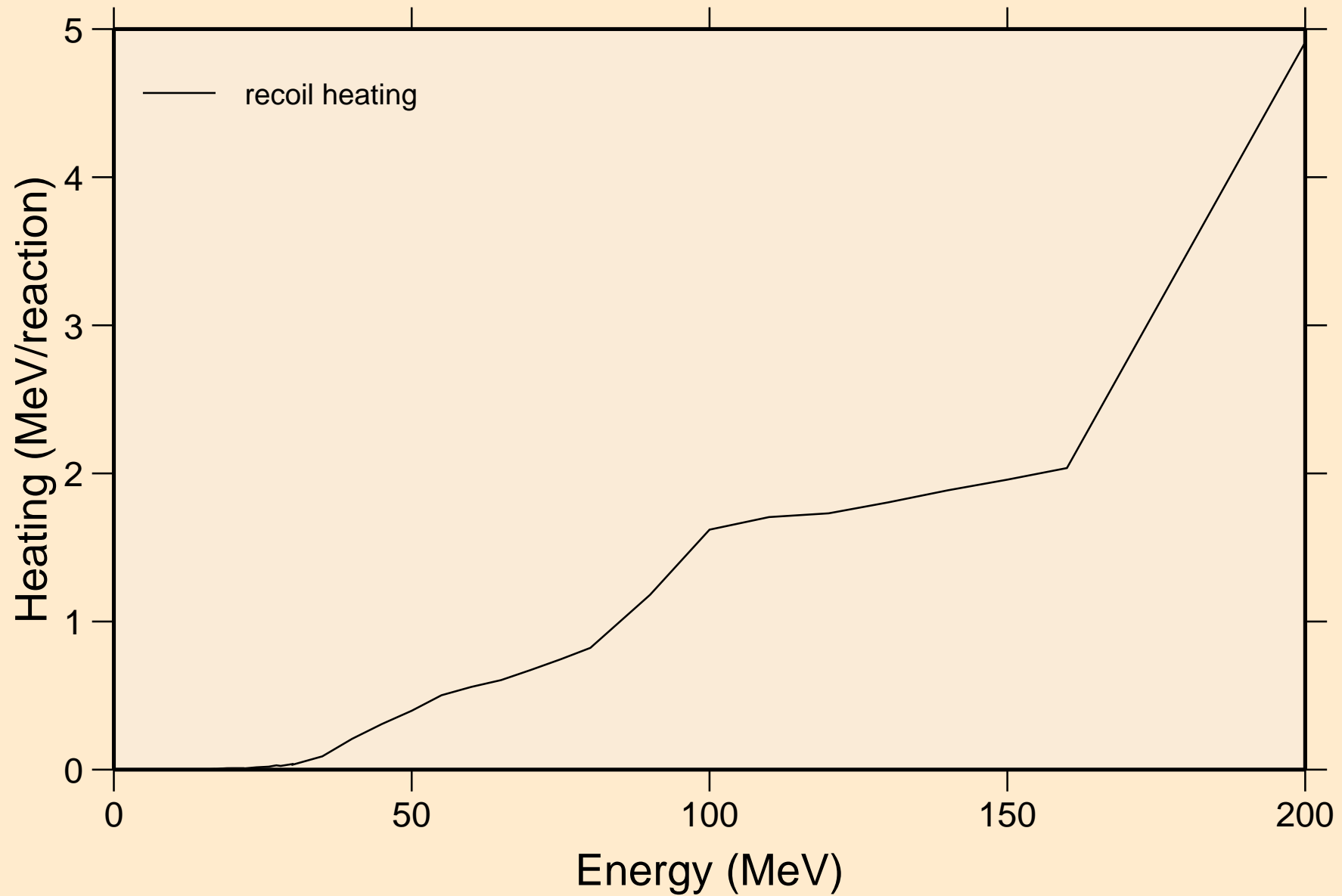


CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

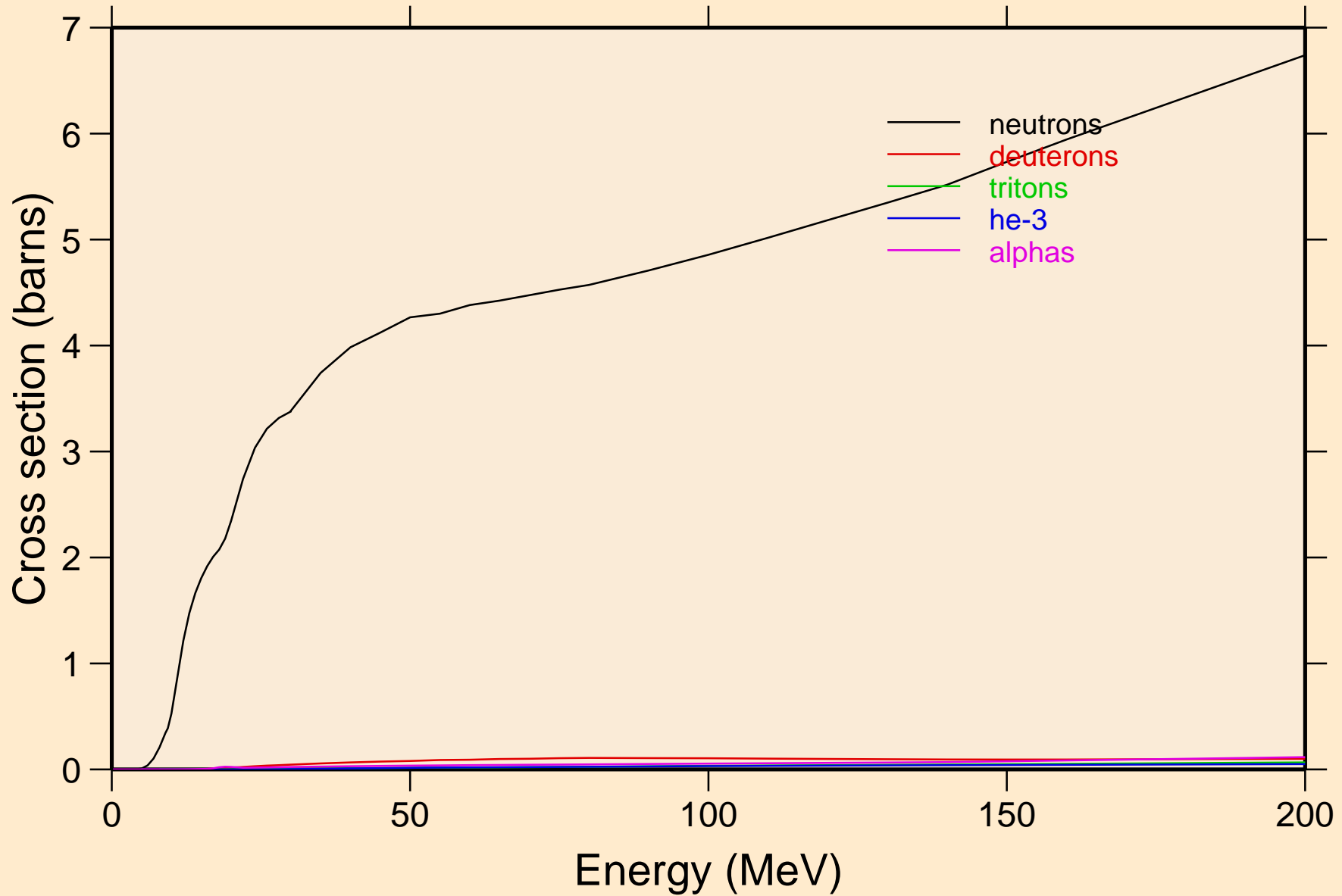


# CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K

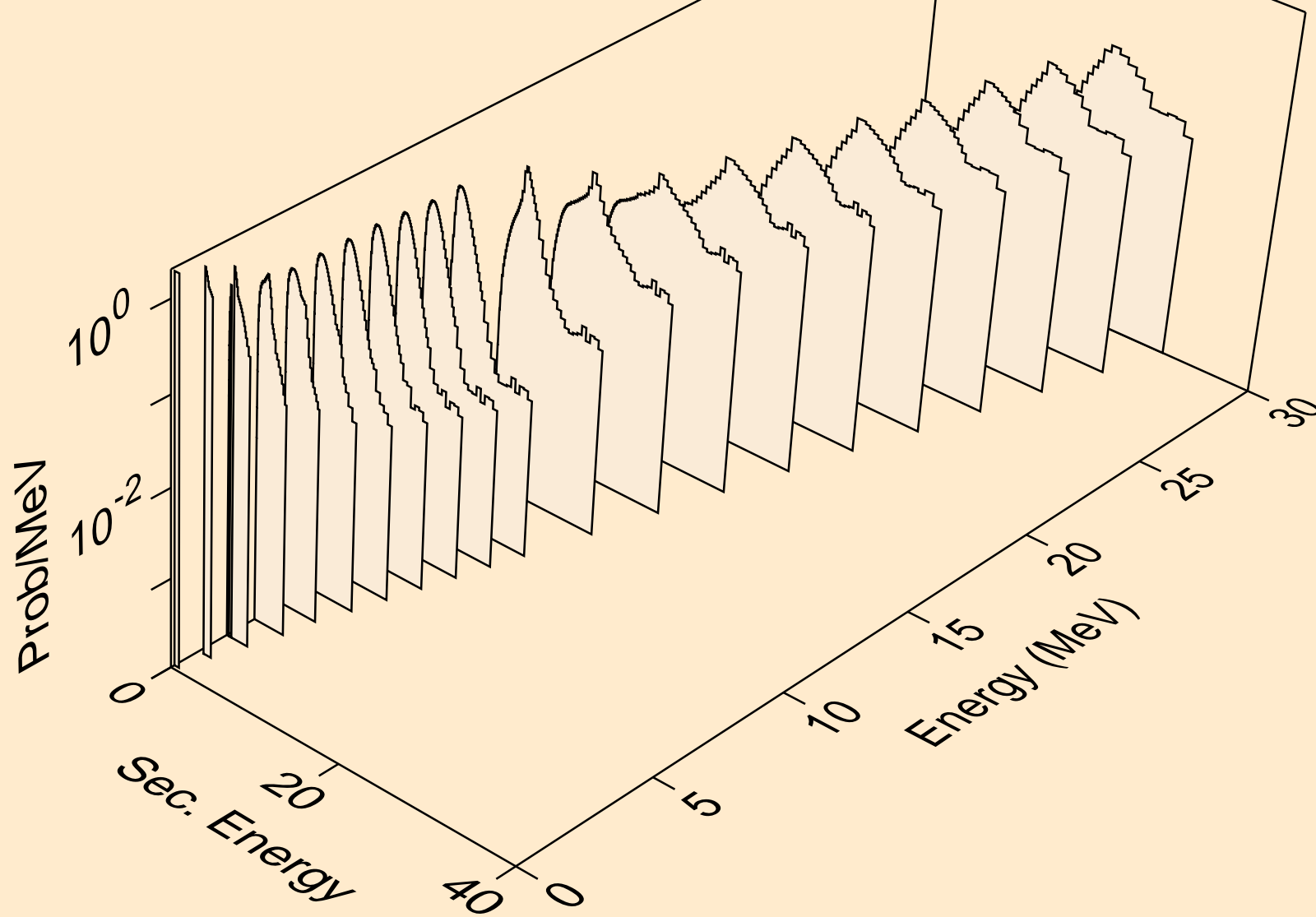
## Recoil Heating



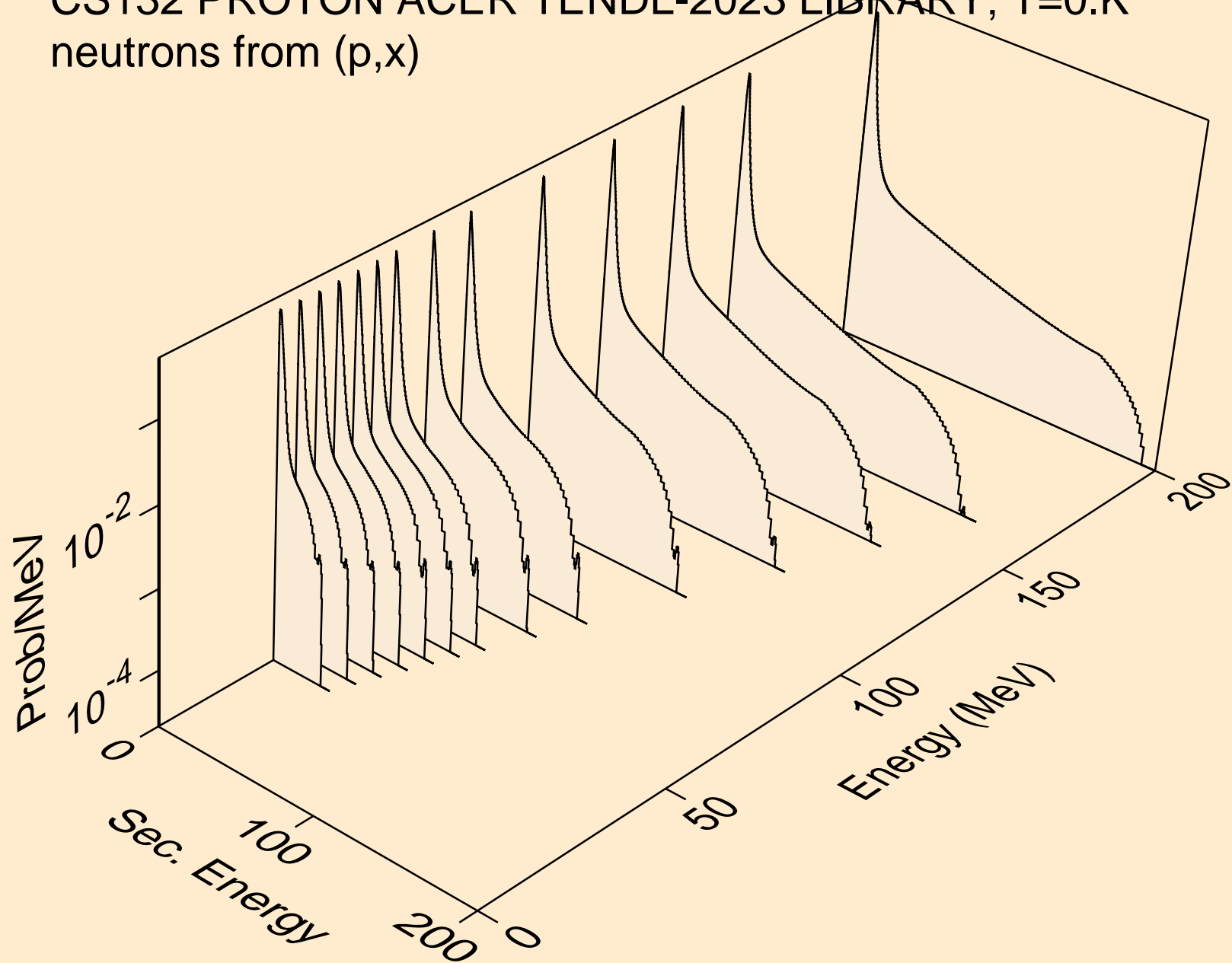
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



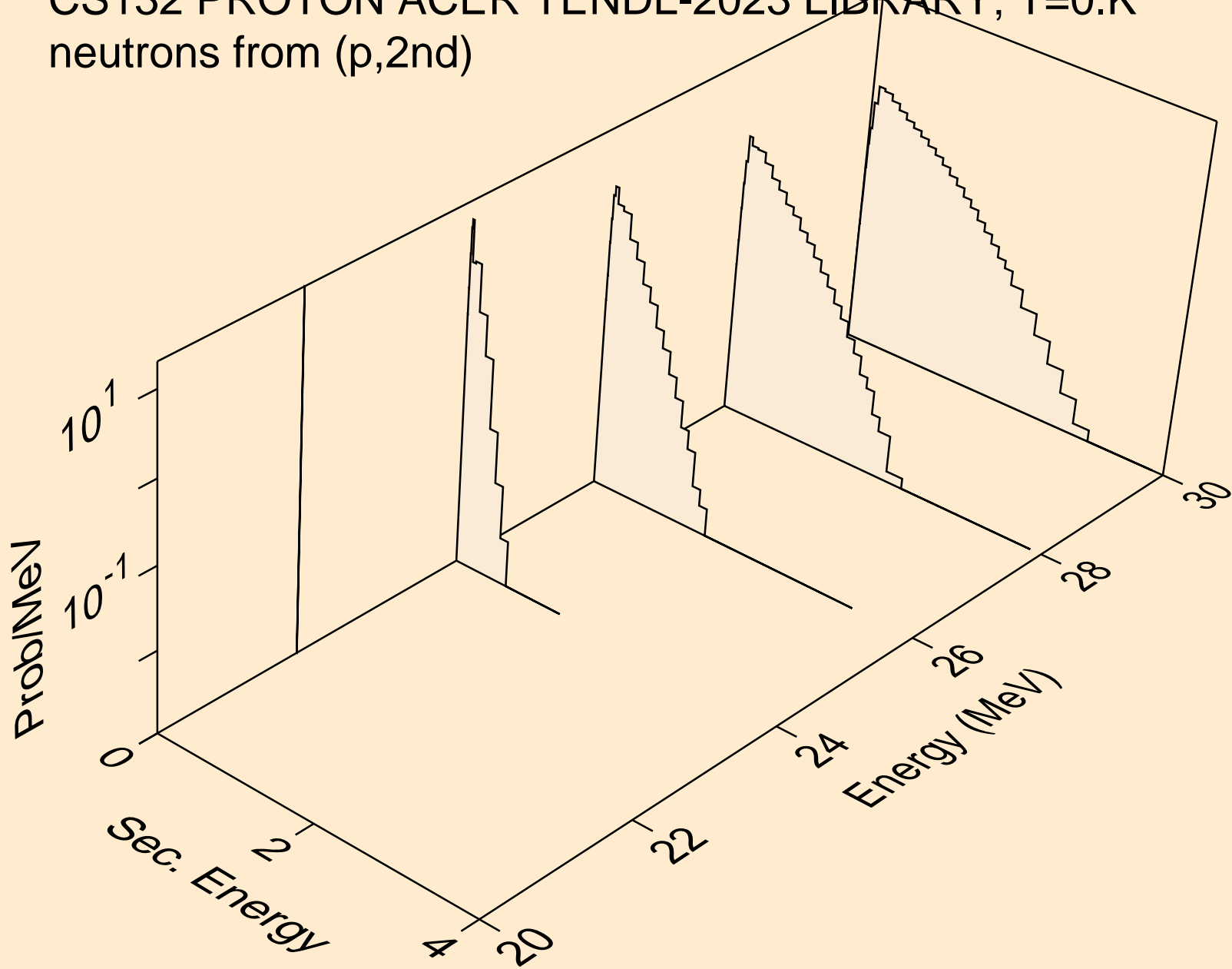
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

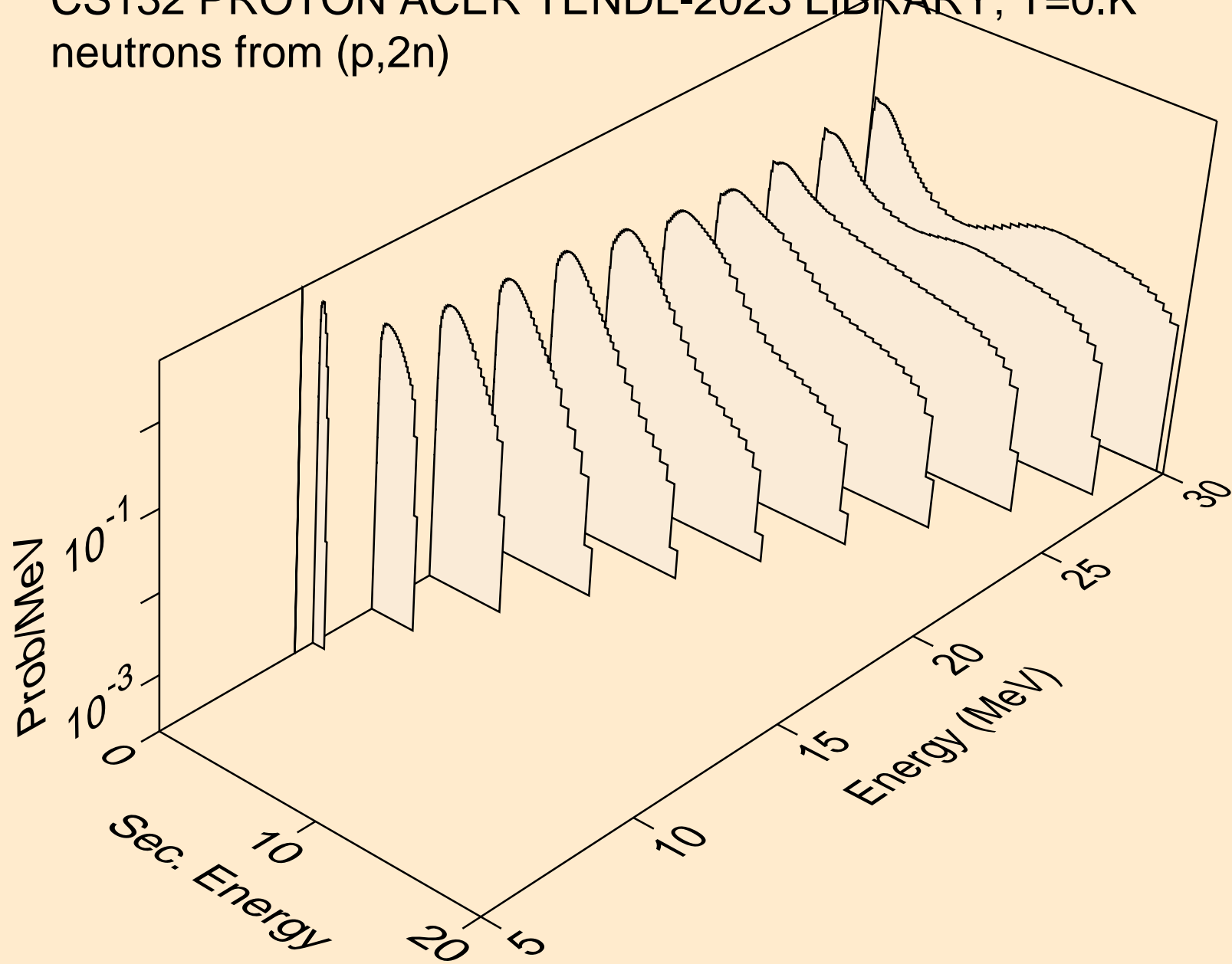


CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

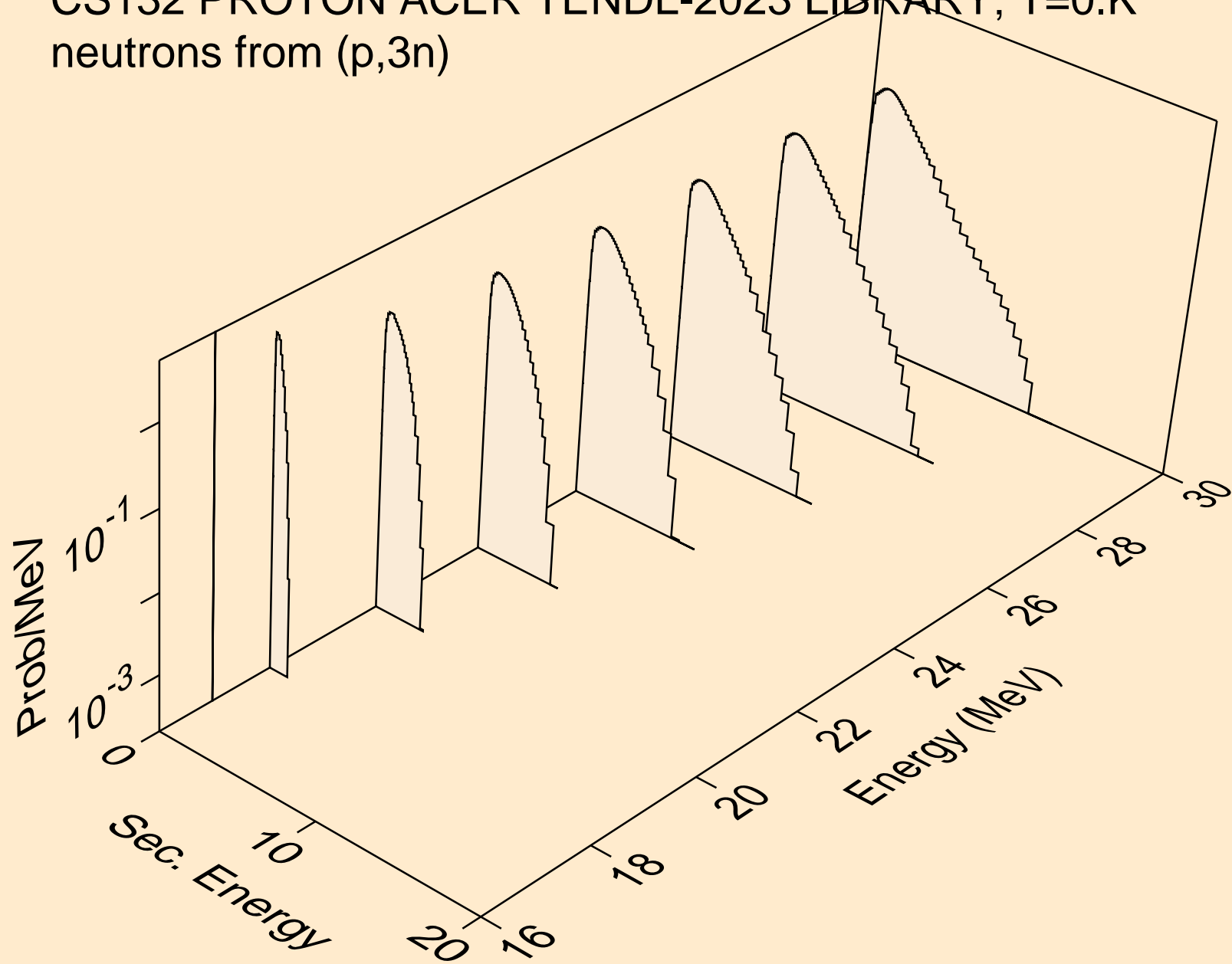




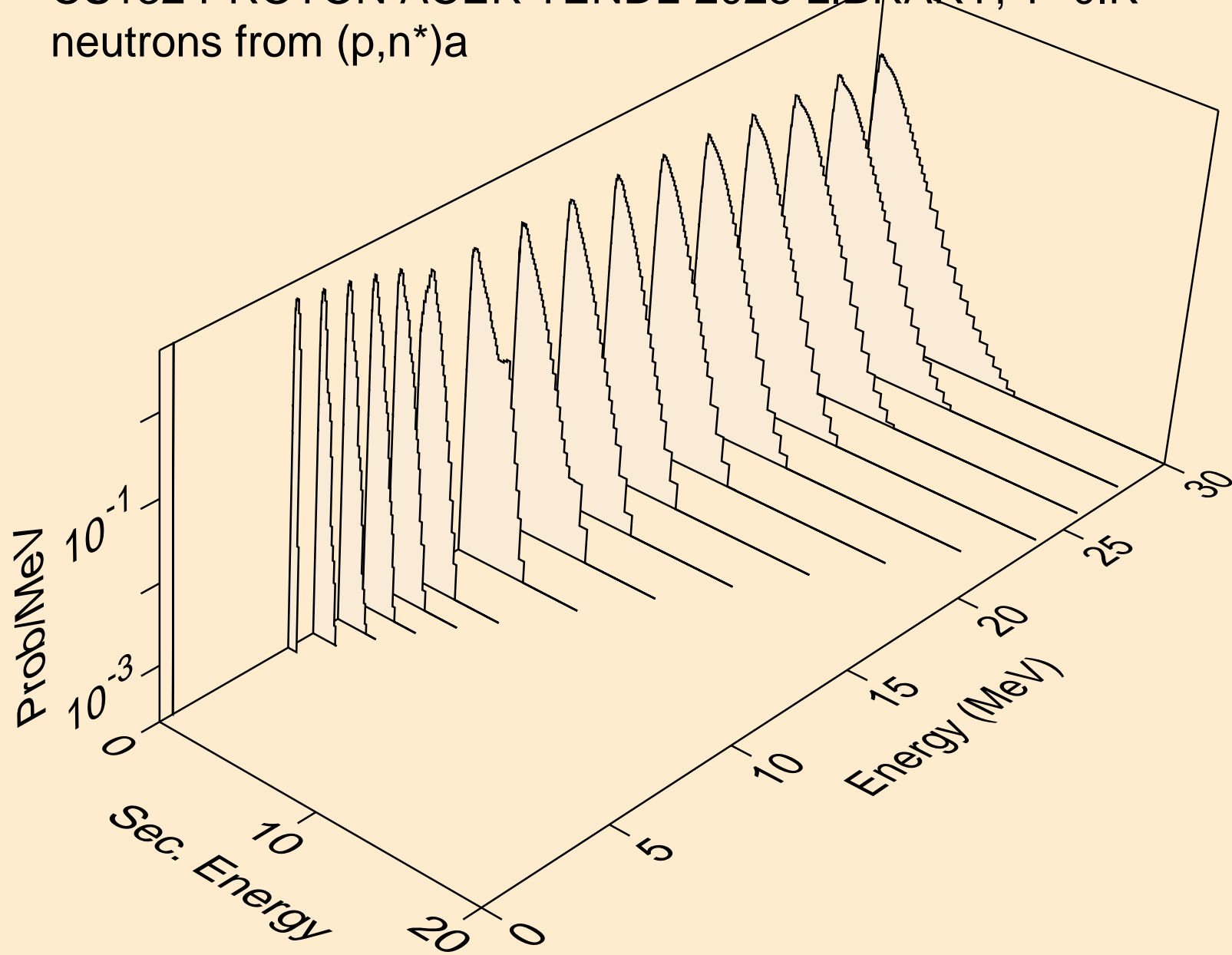
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



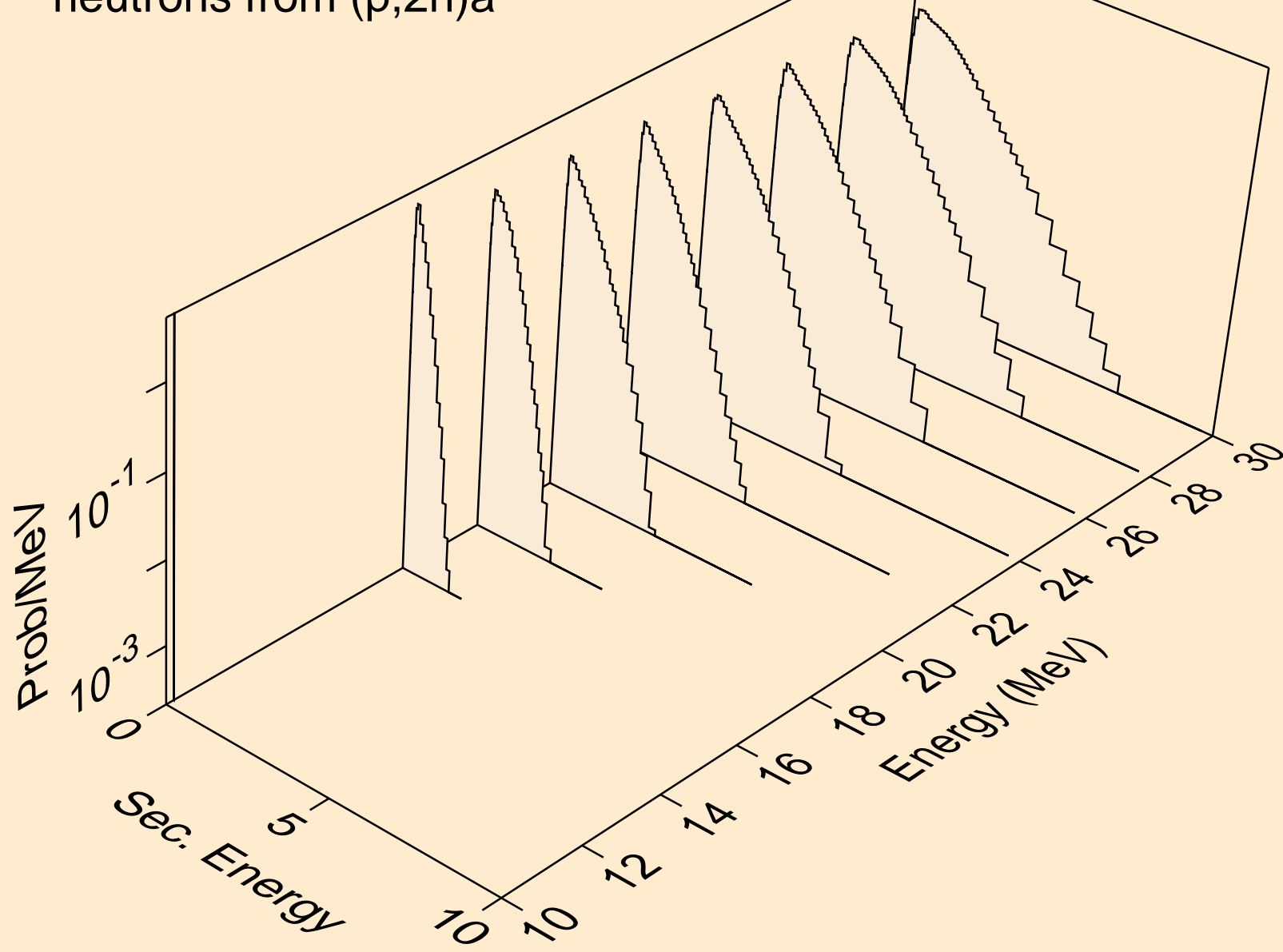
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



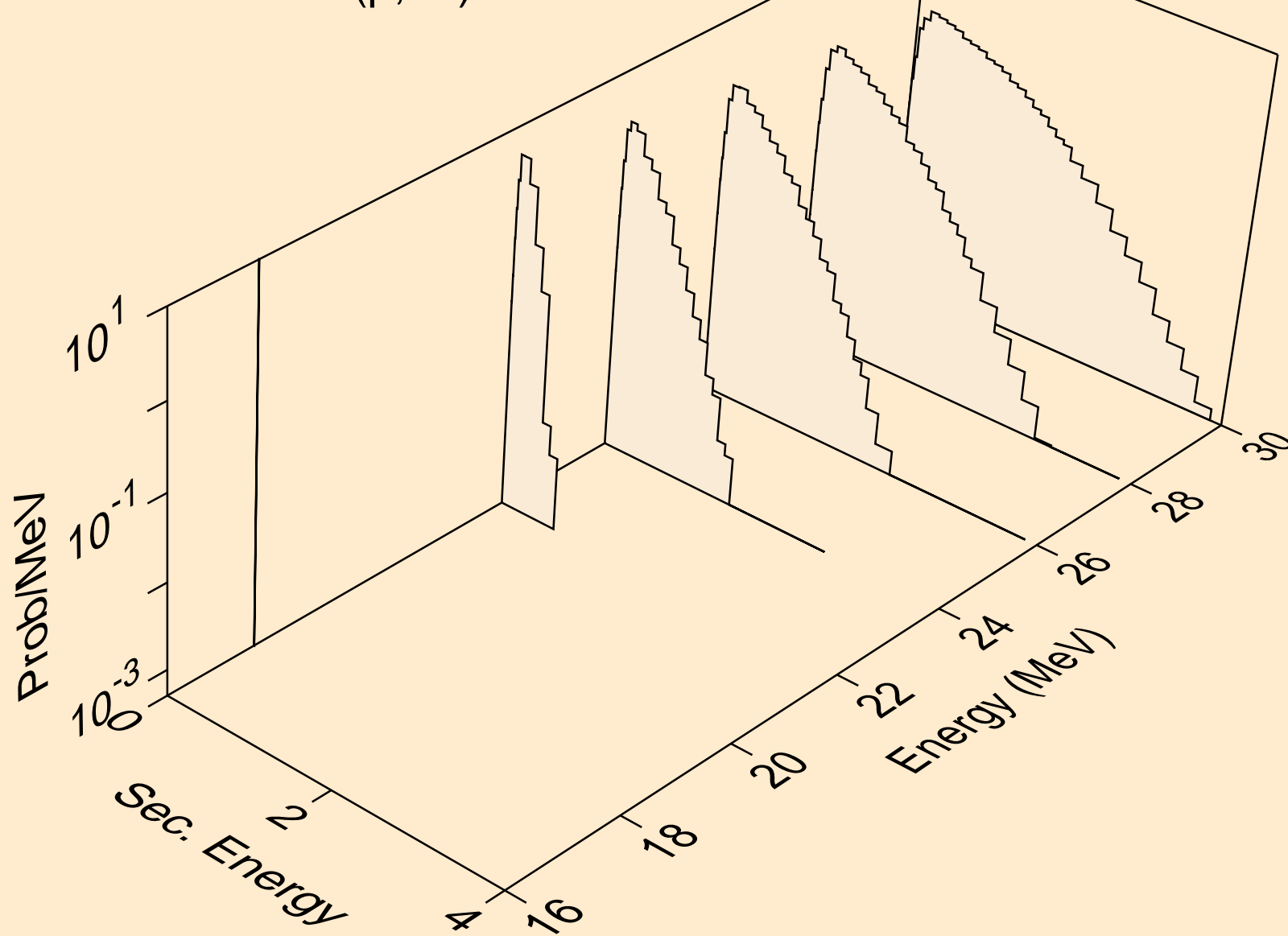
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



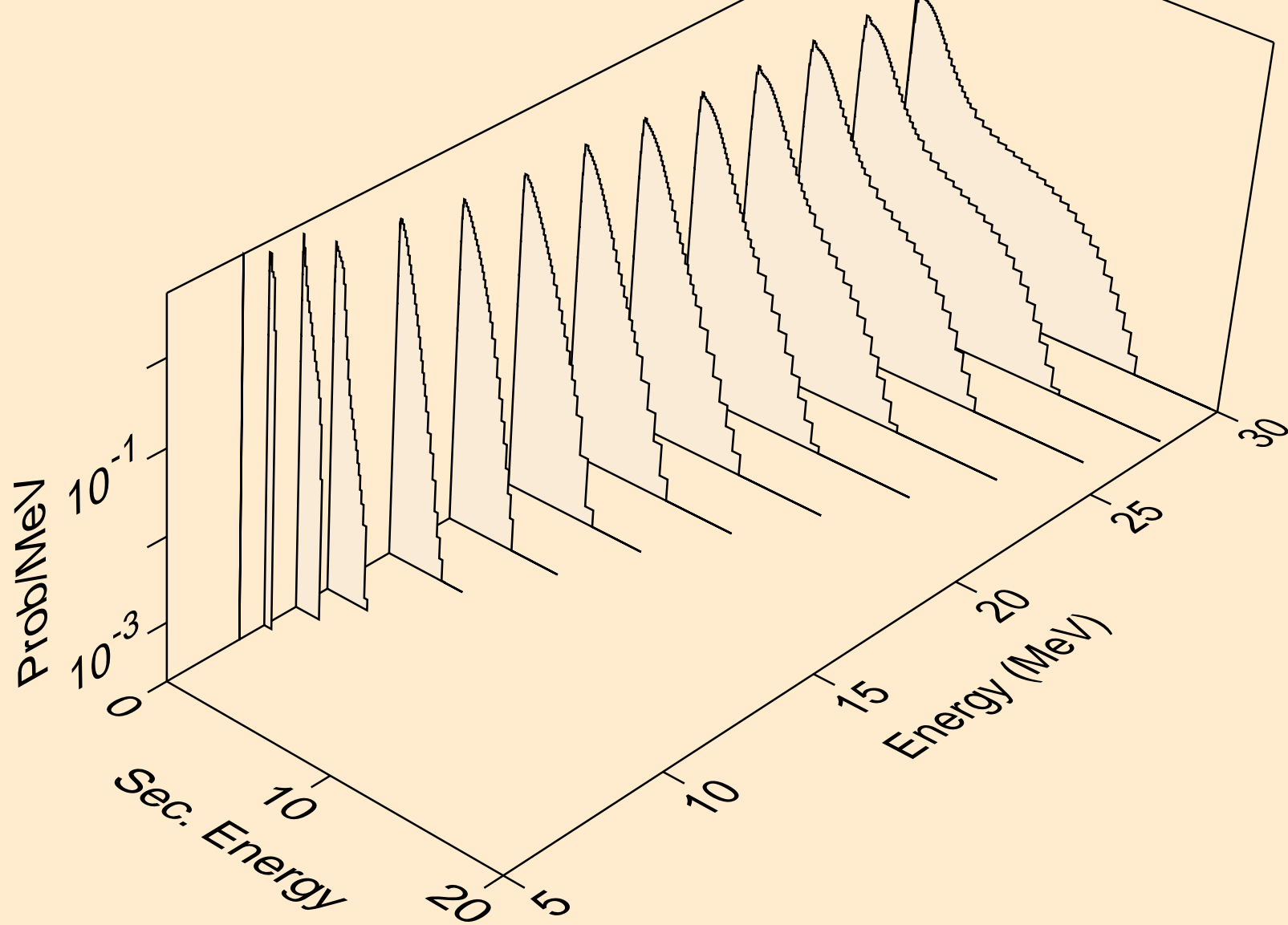
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



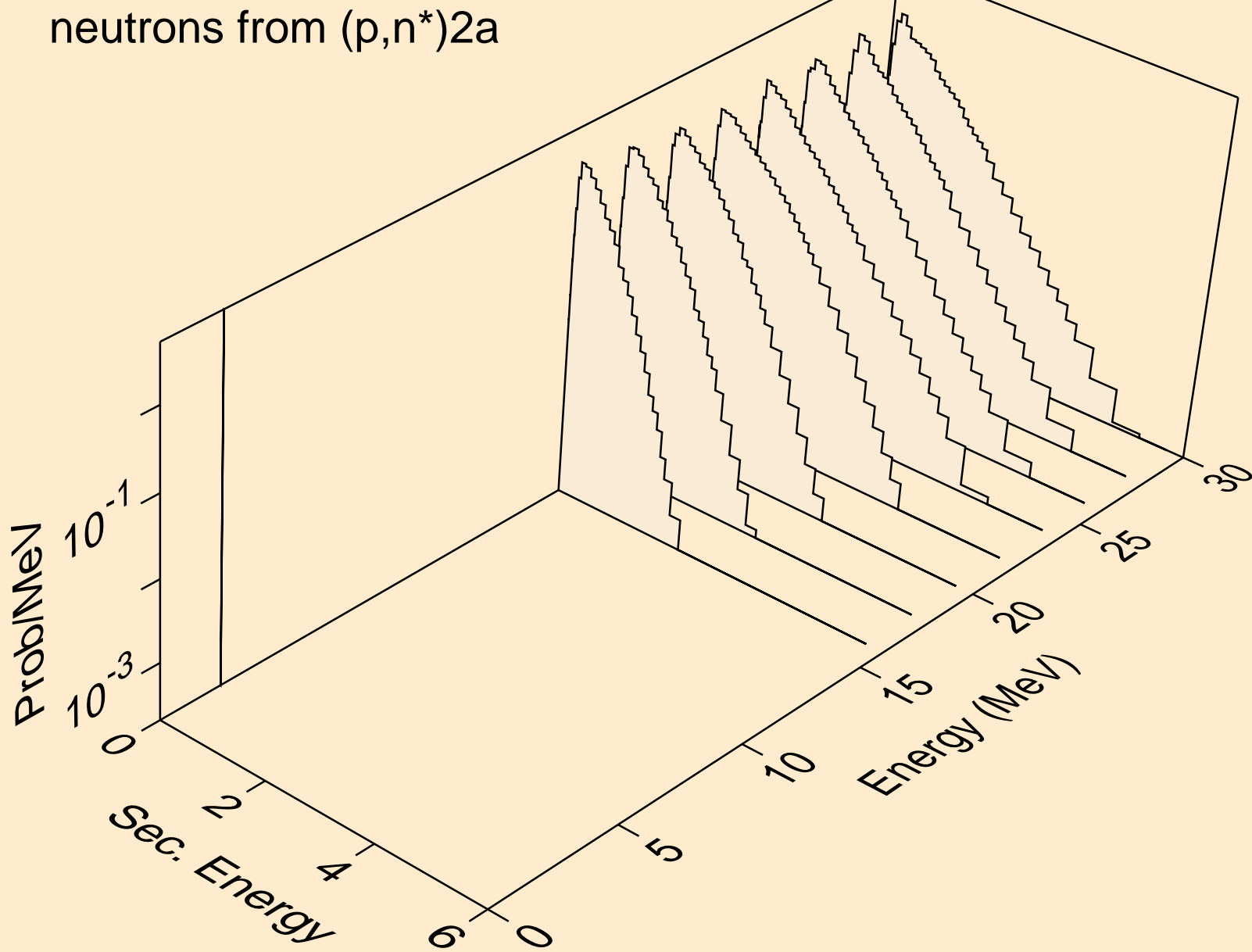
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



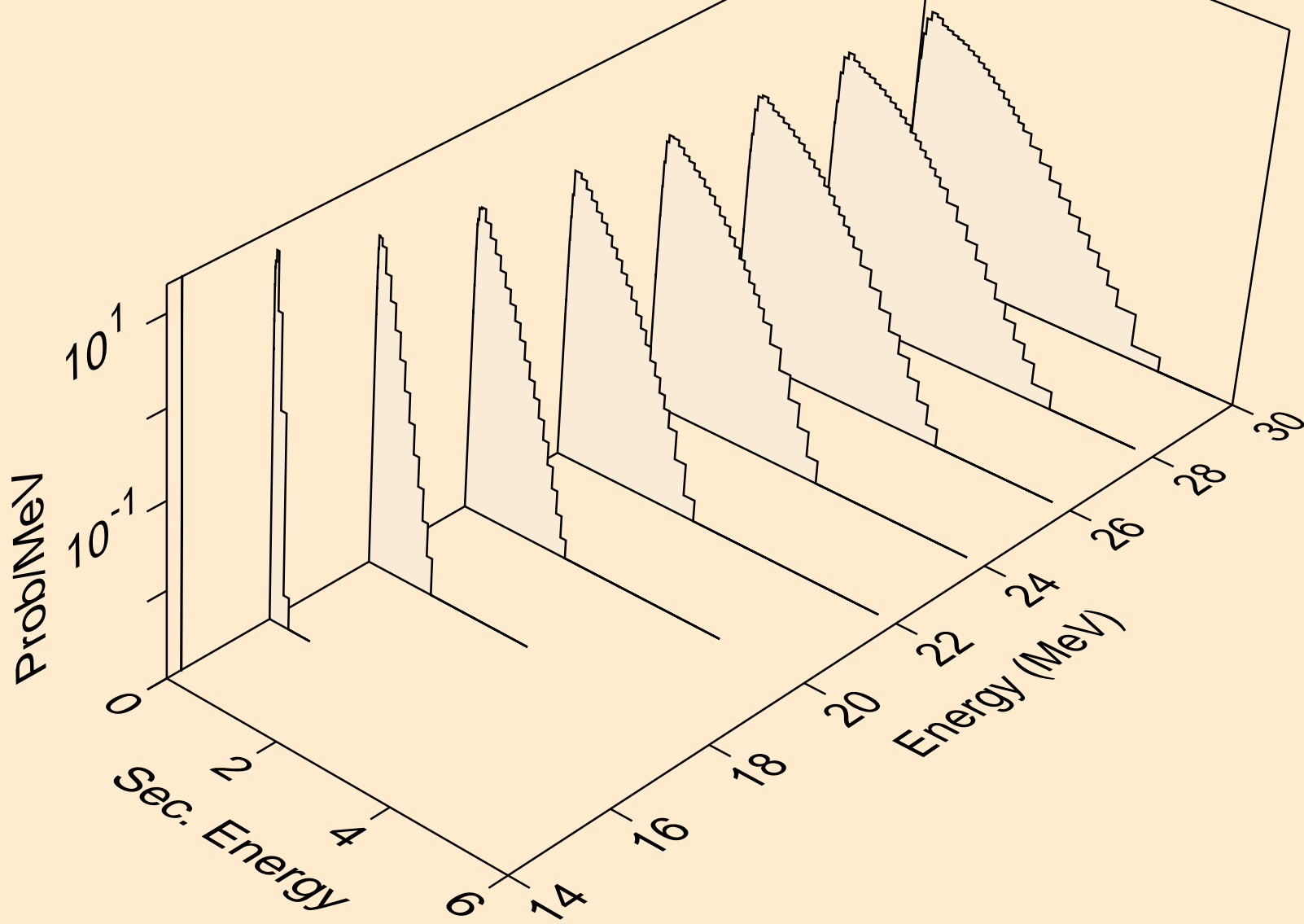
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

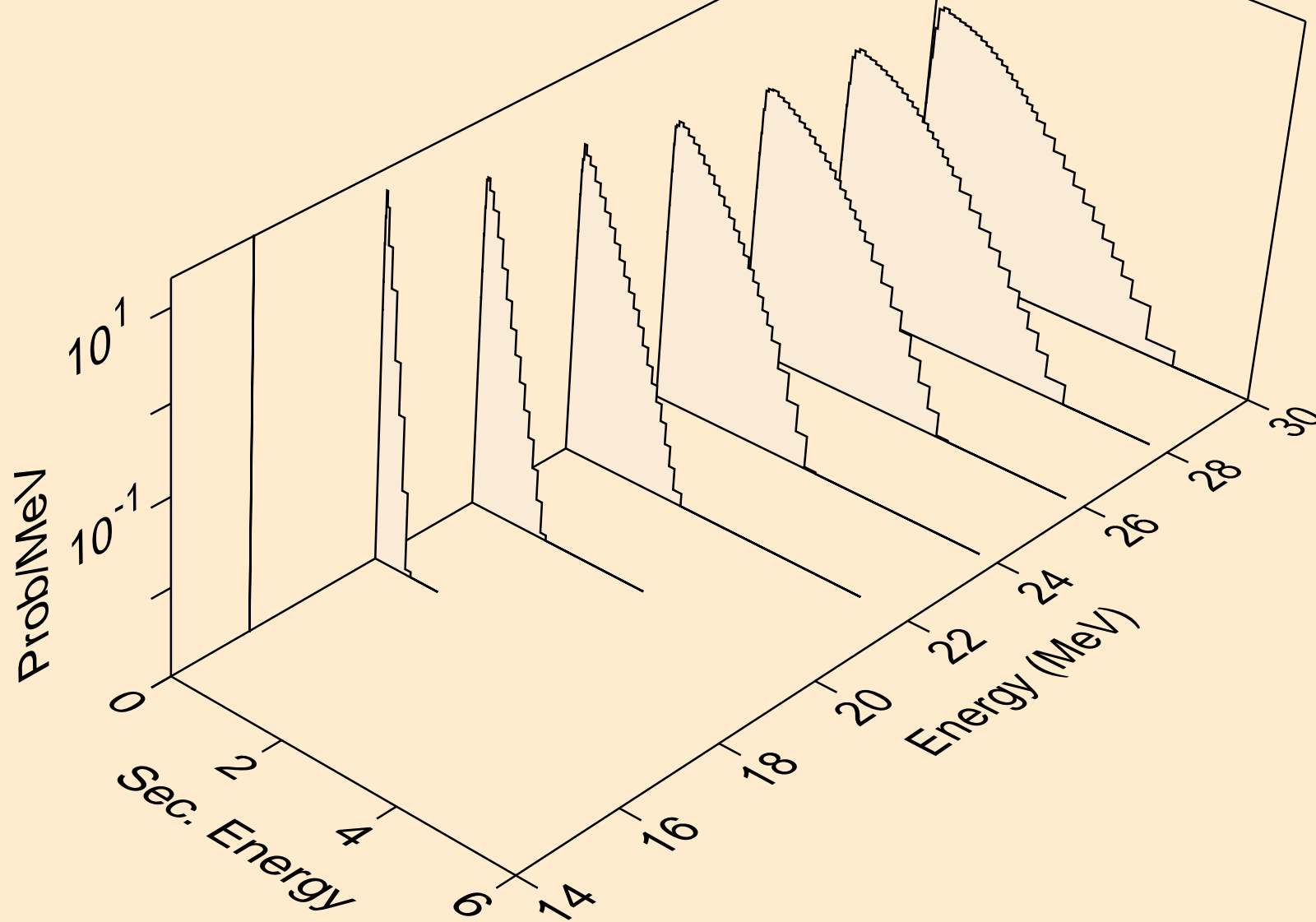


CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

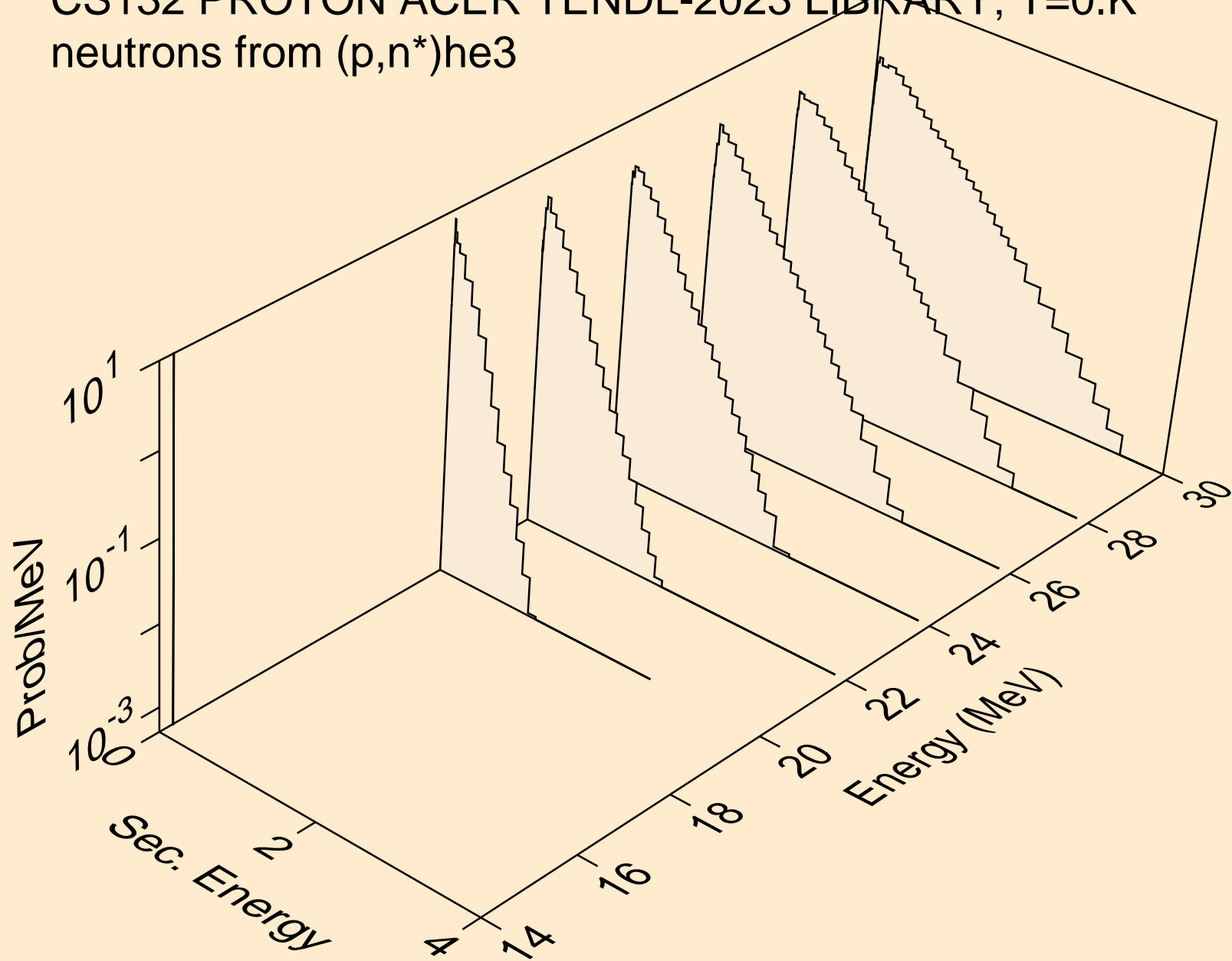




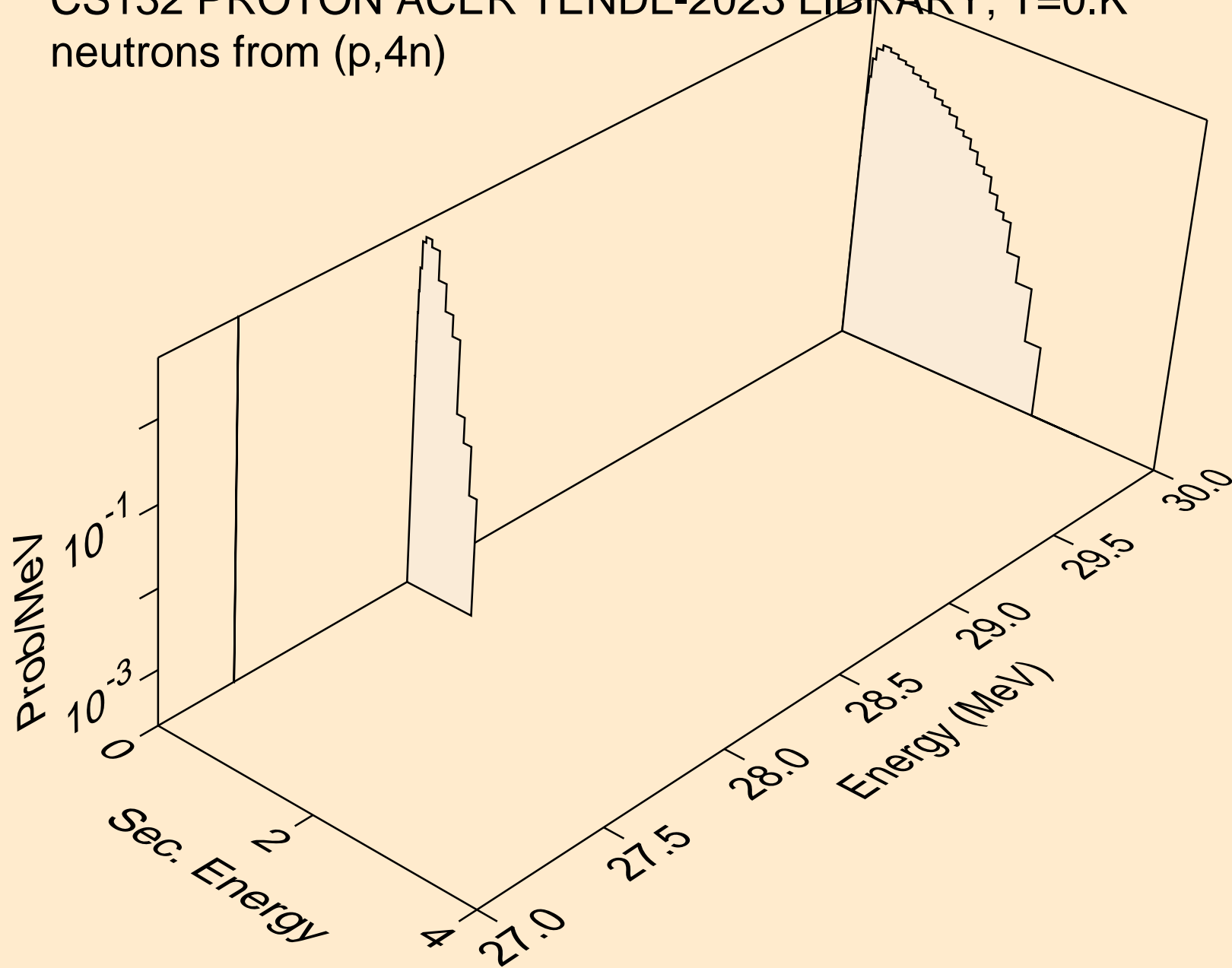
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



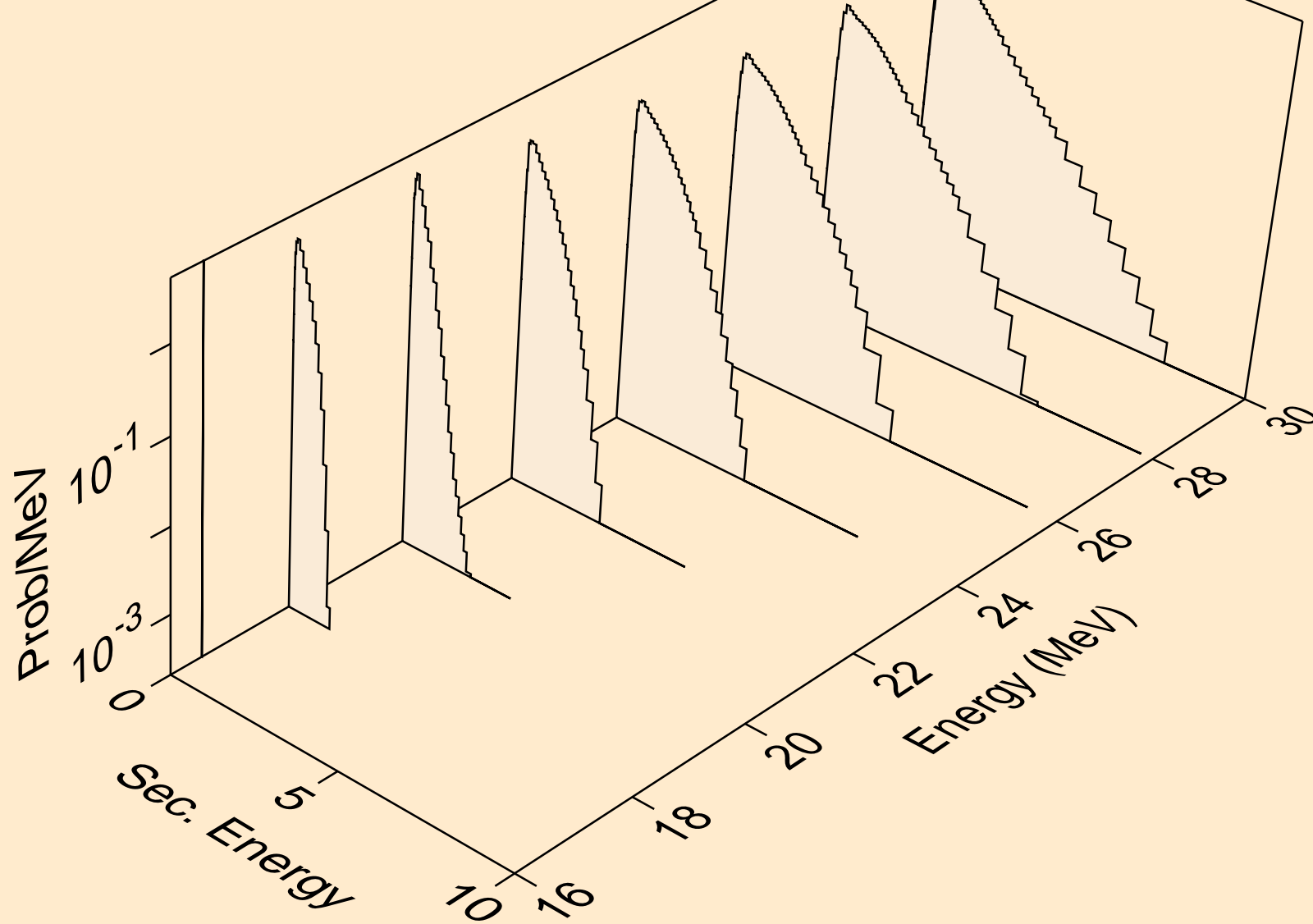
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



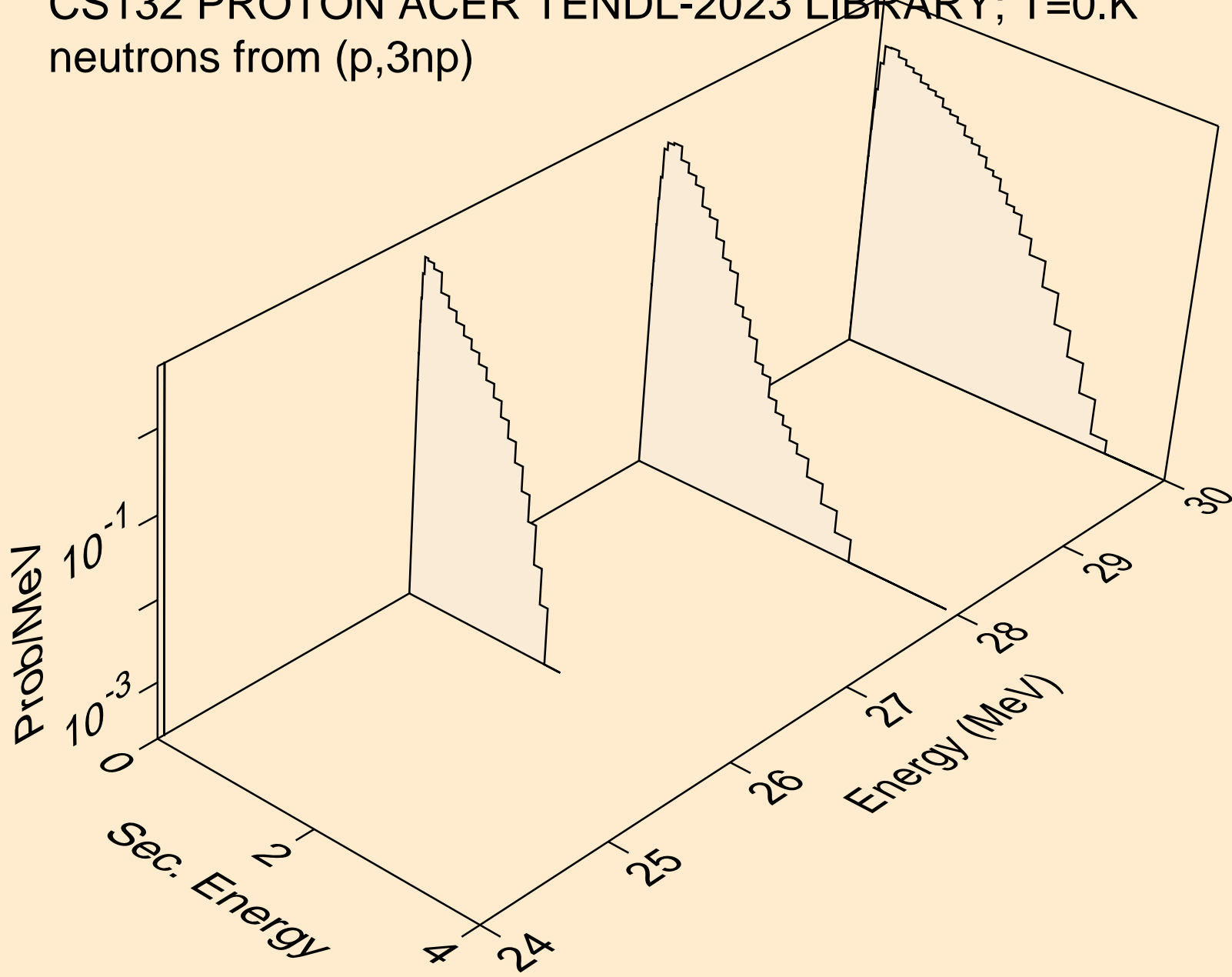
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



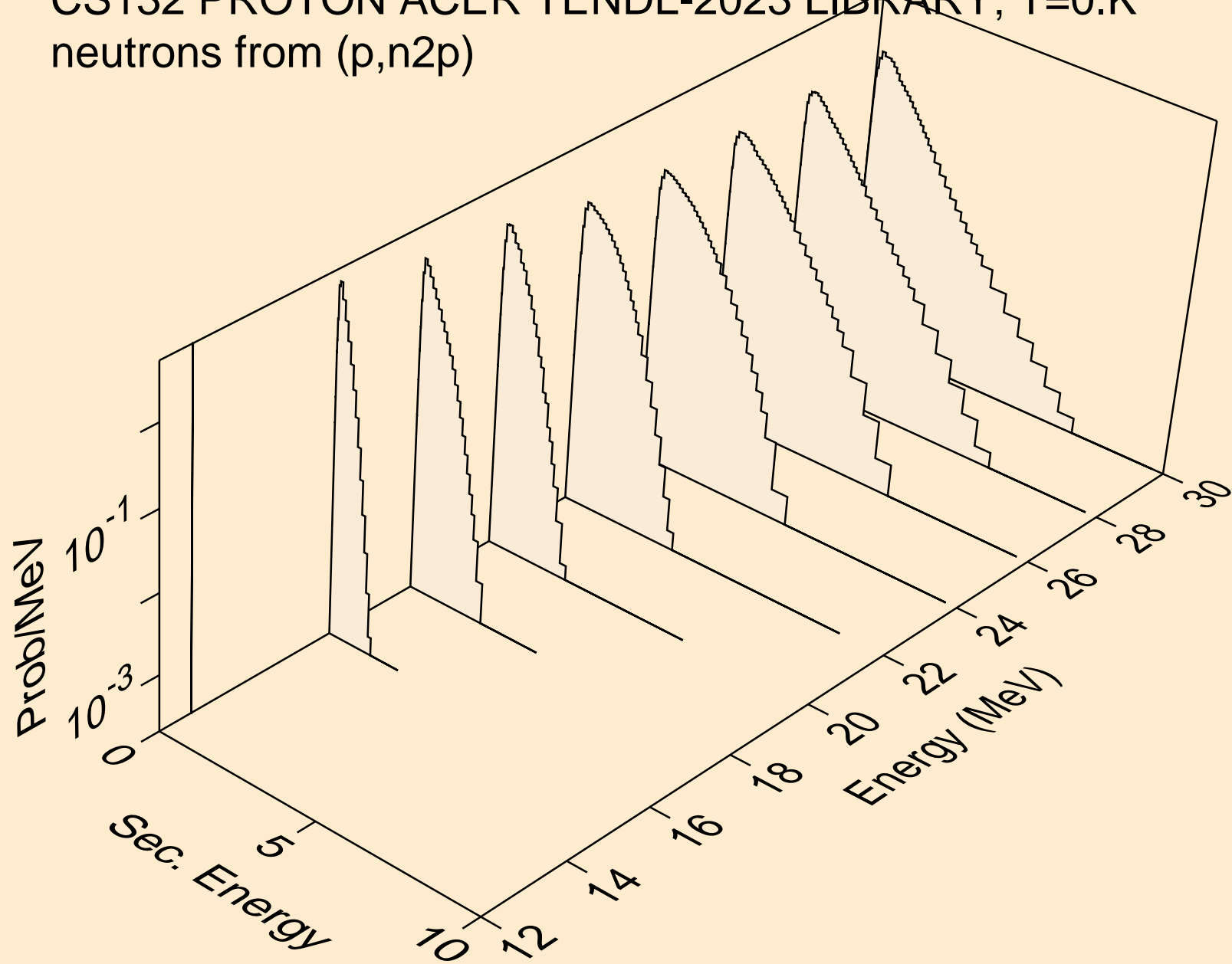
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



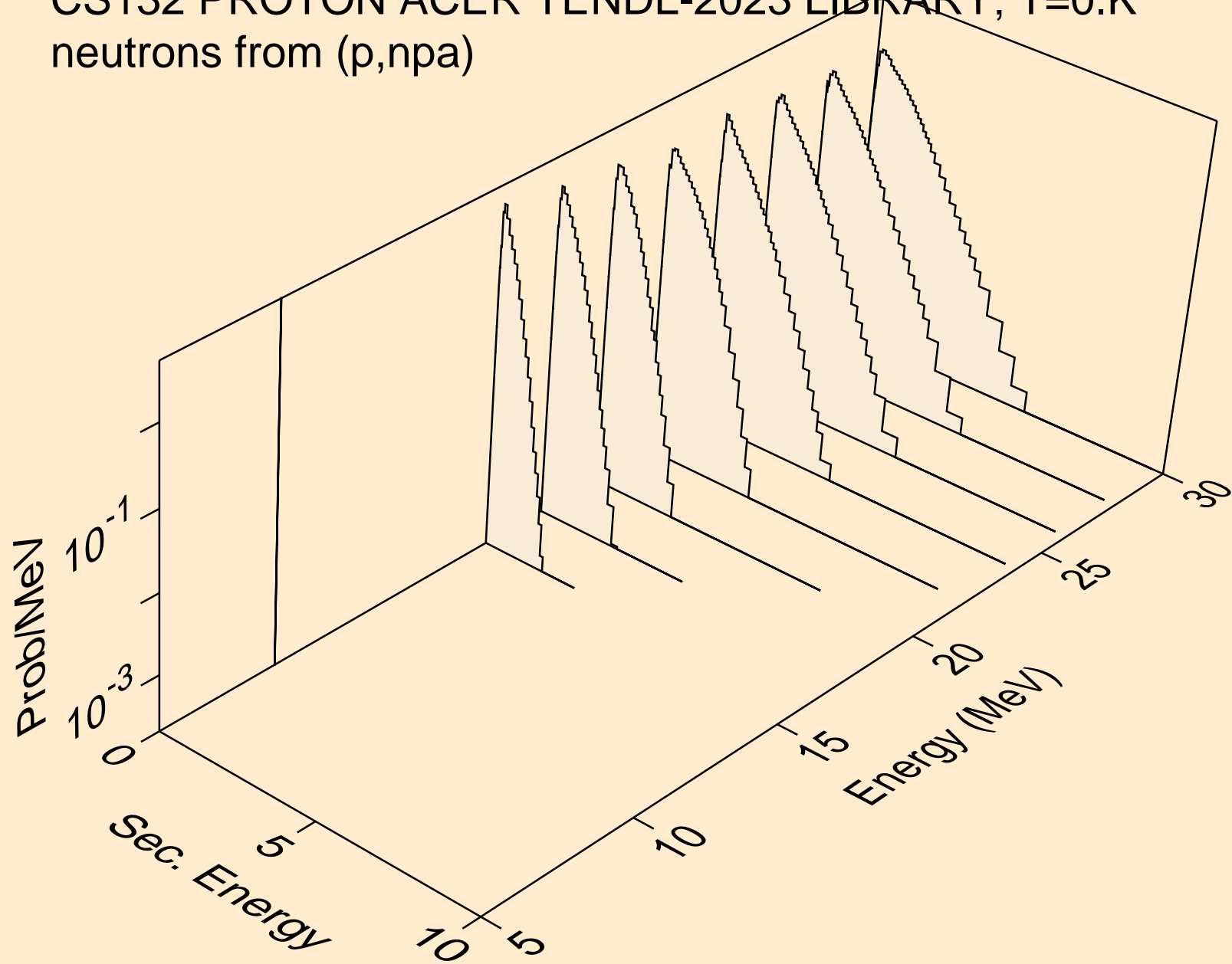
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



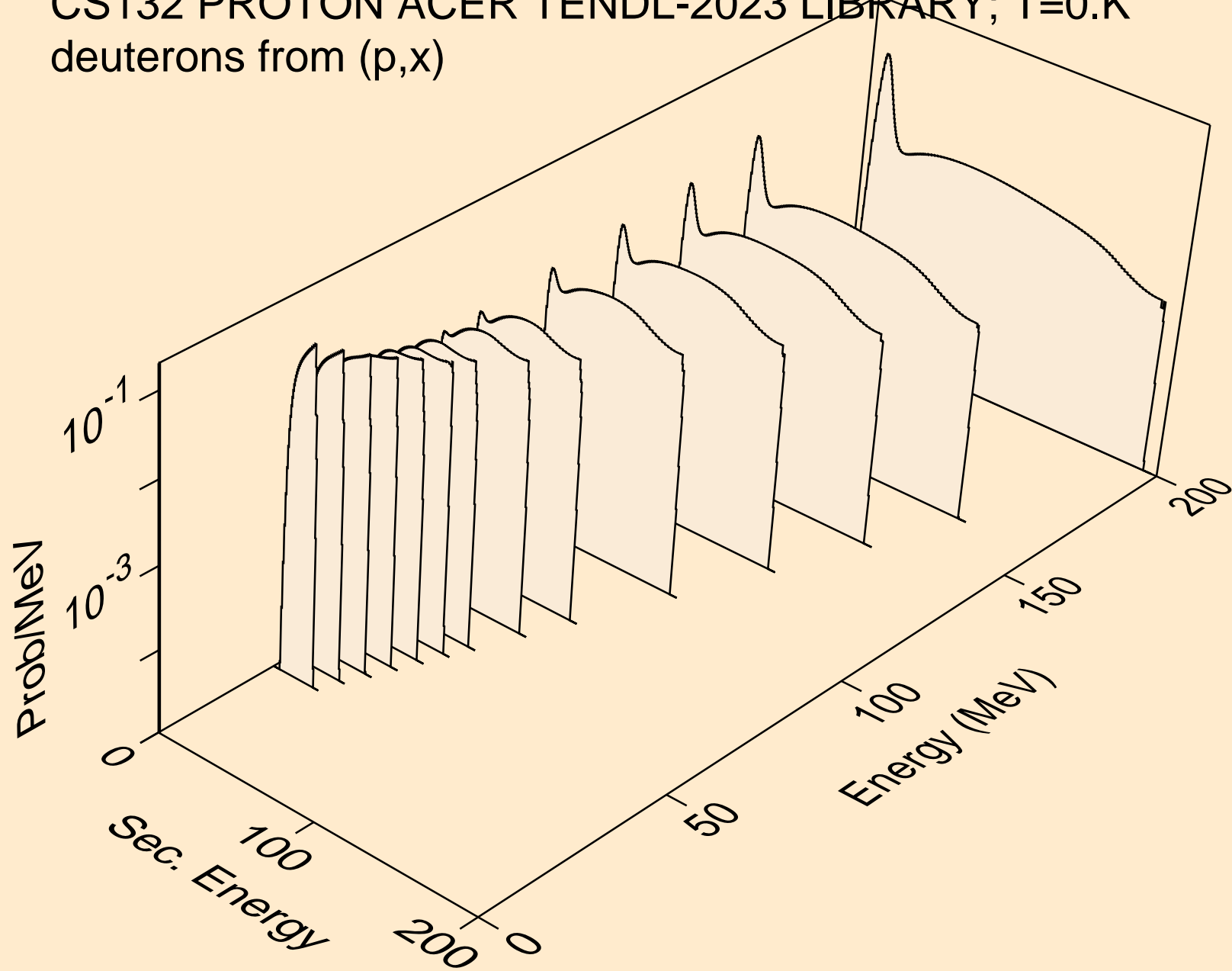
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)

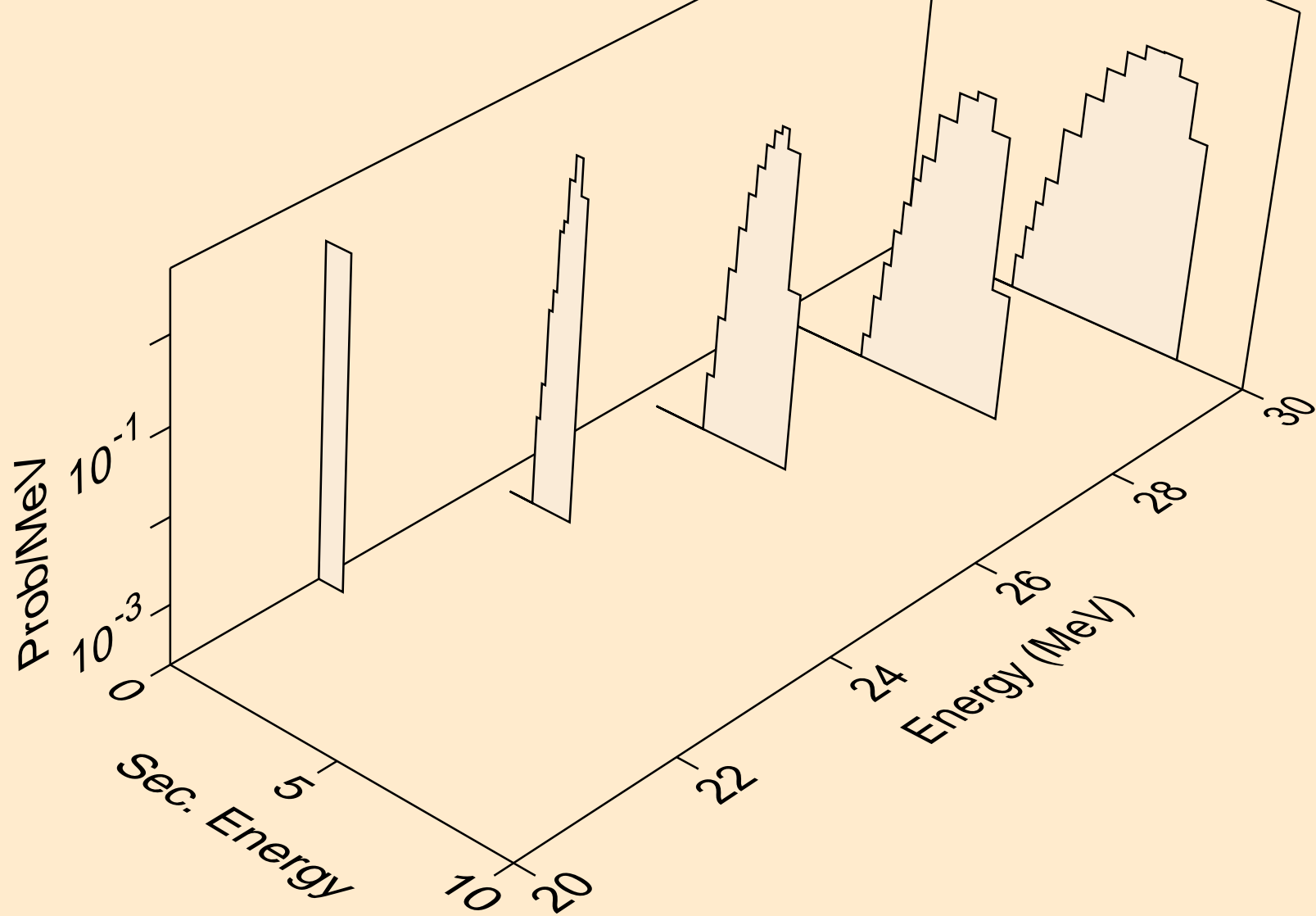


CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

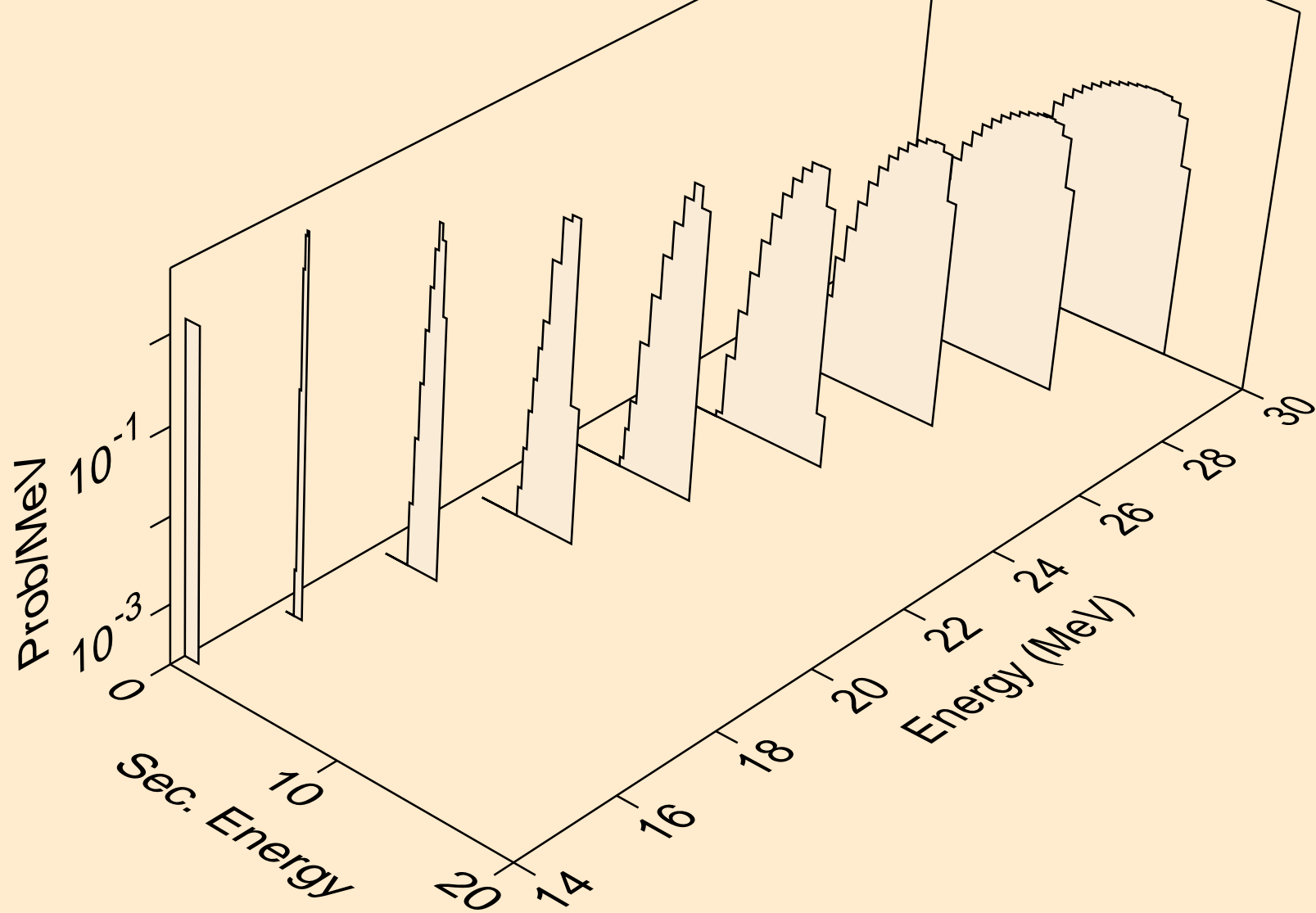




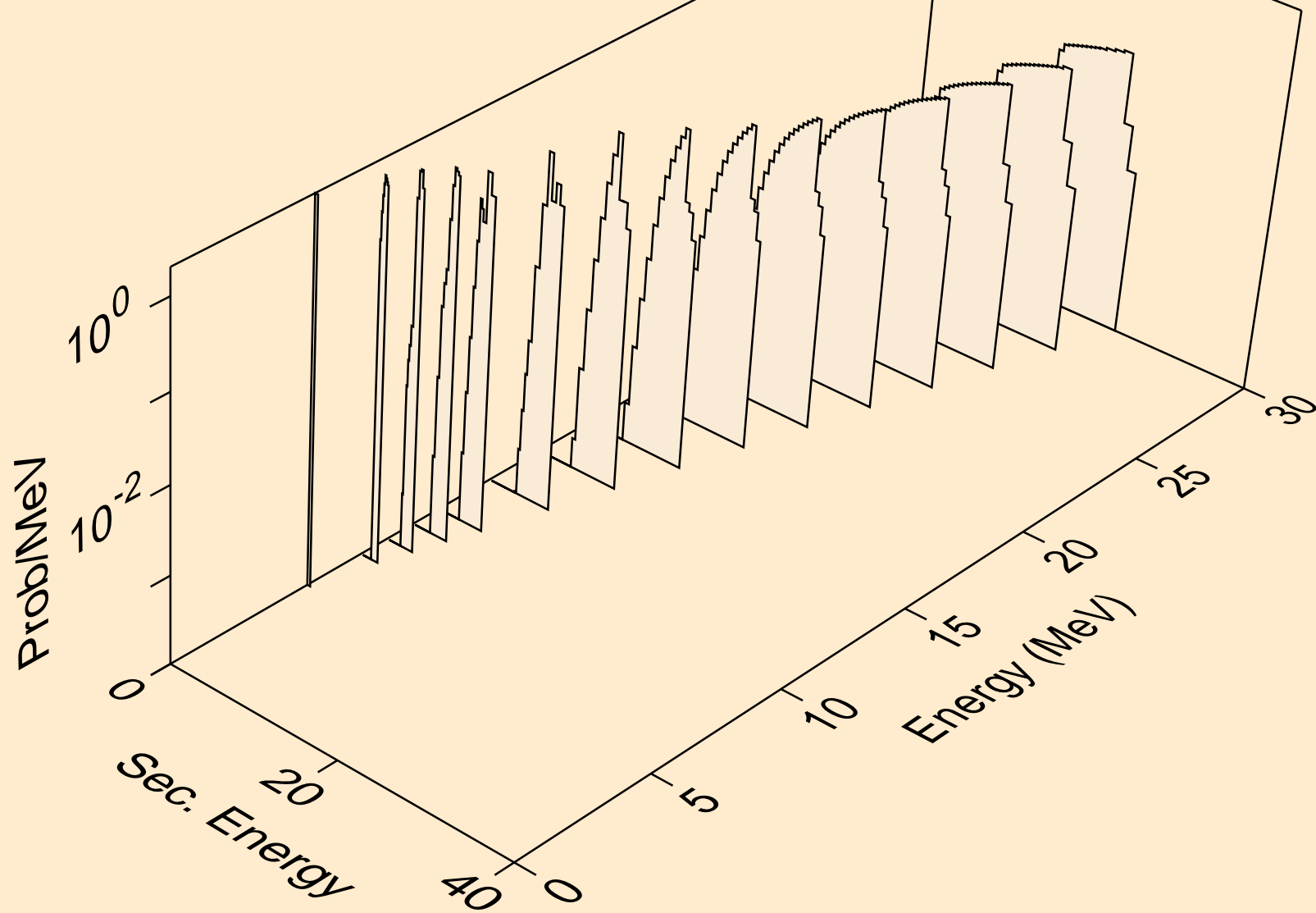
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



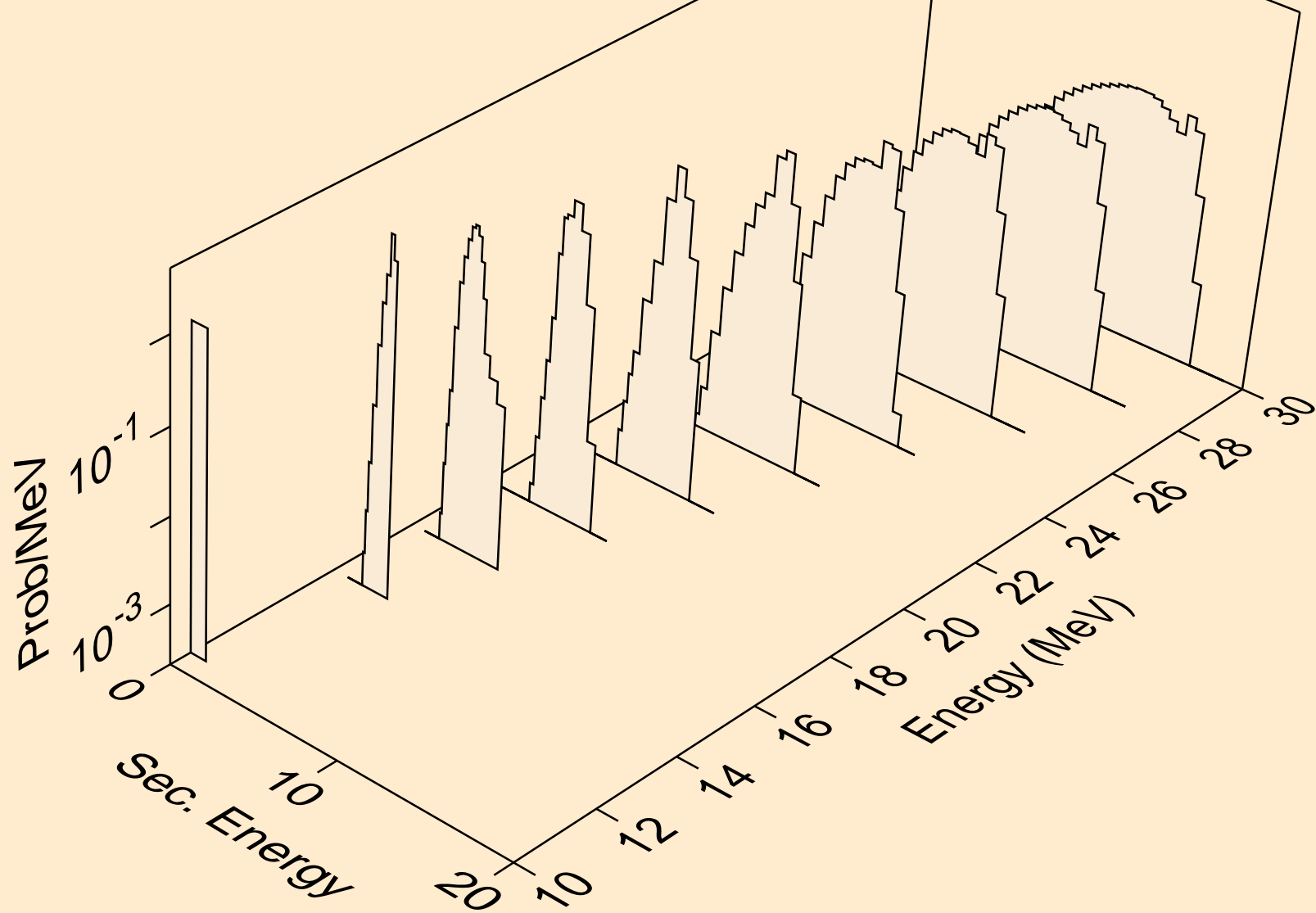
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



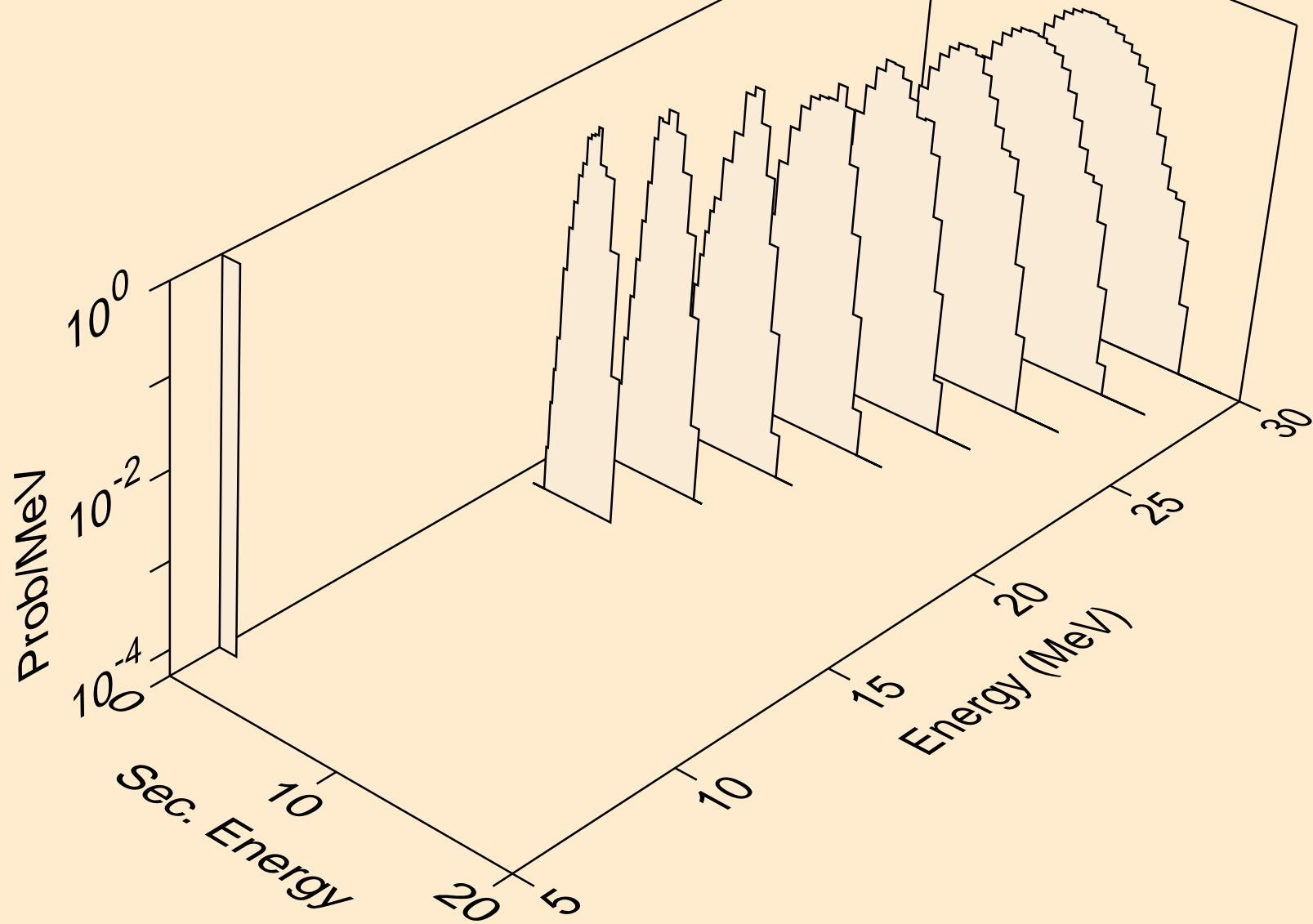
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



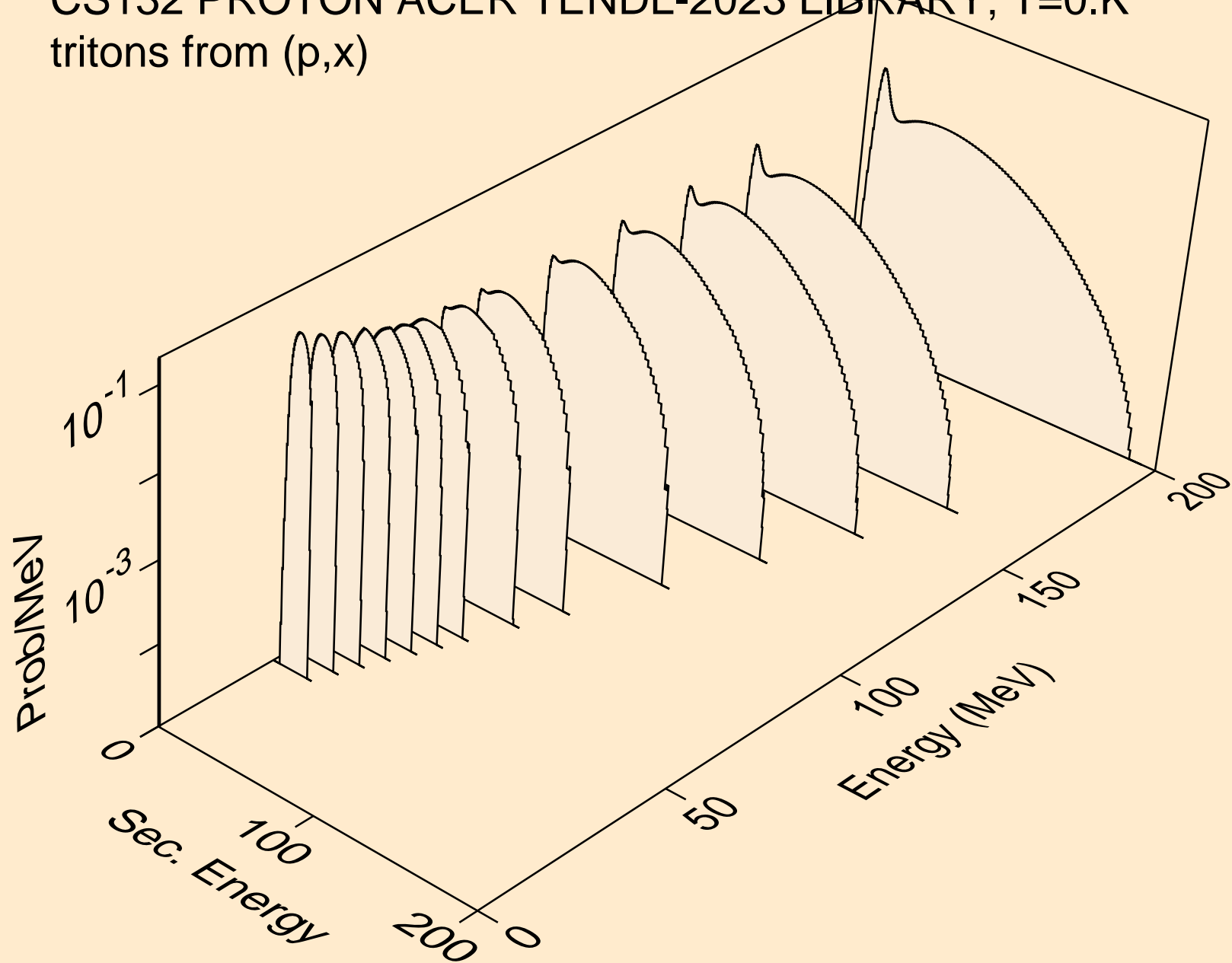
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



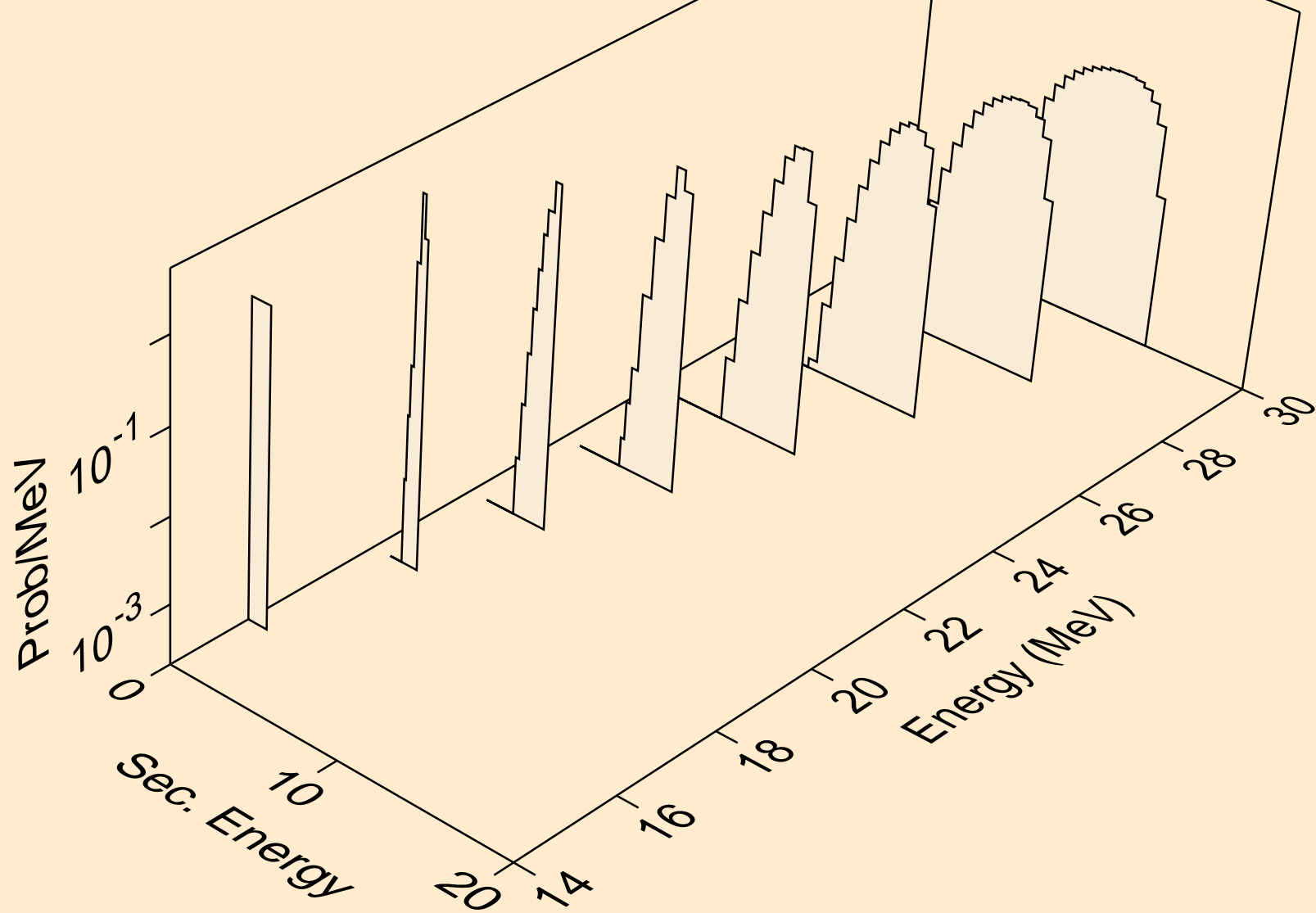
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



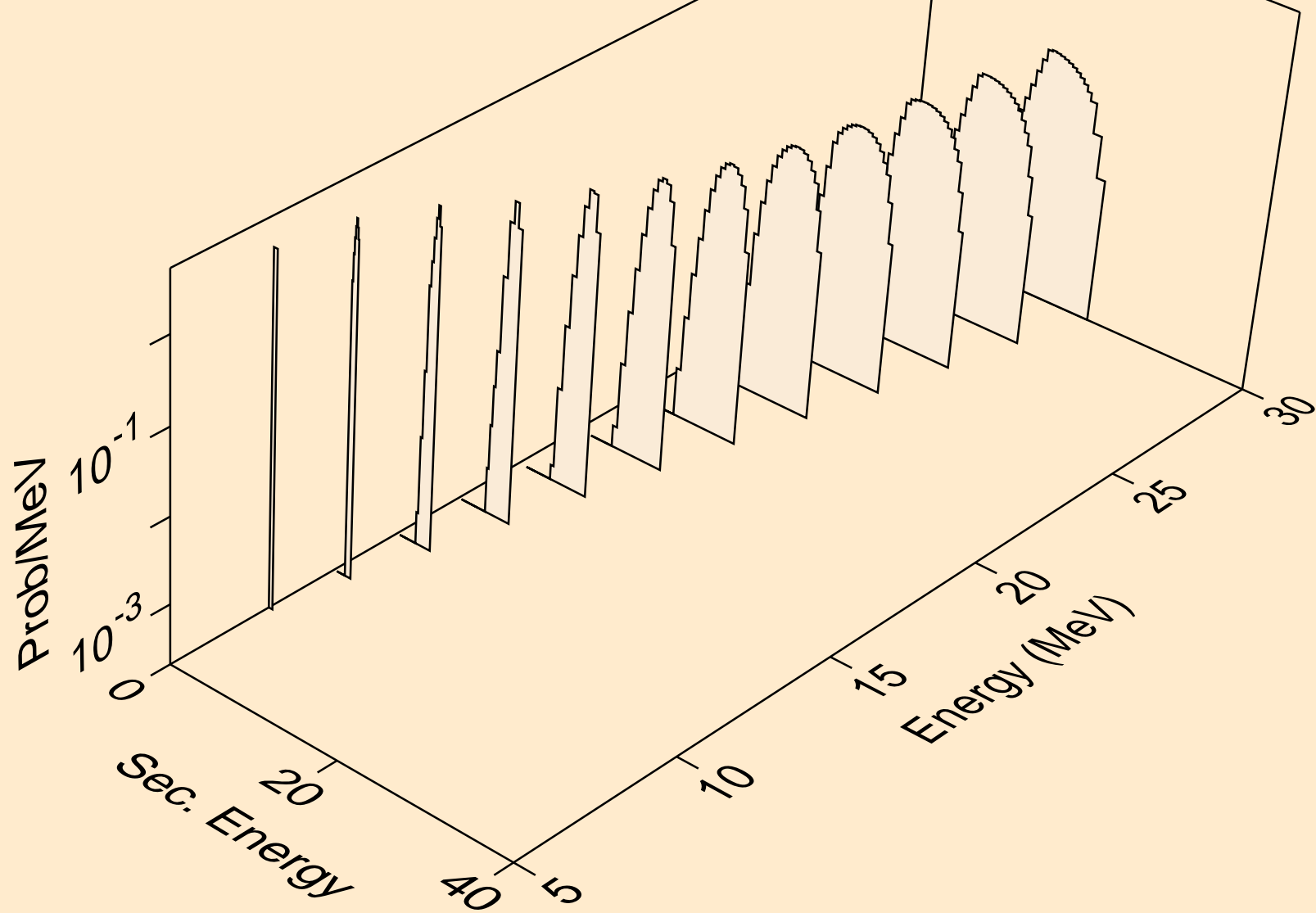
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

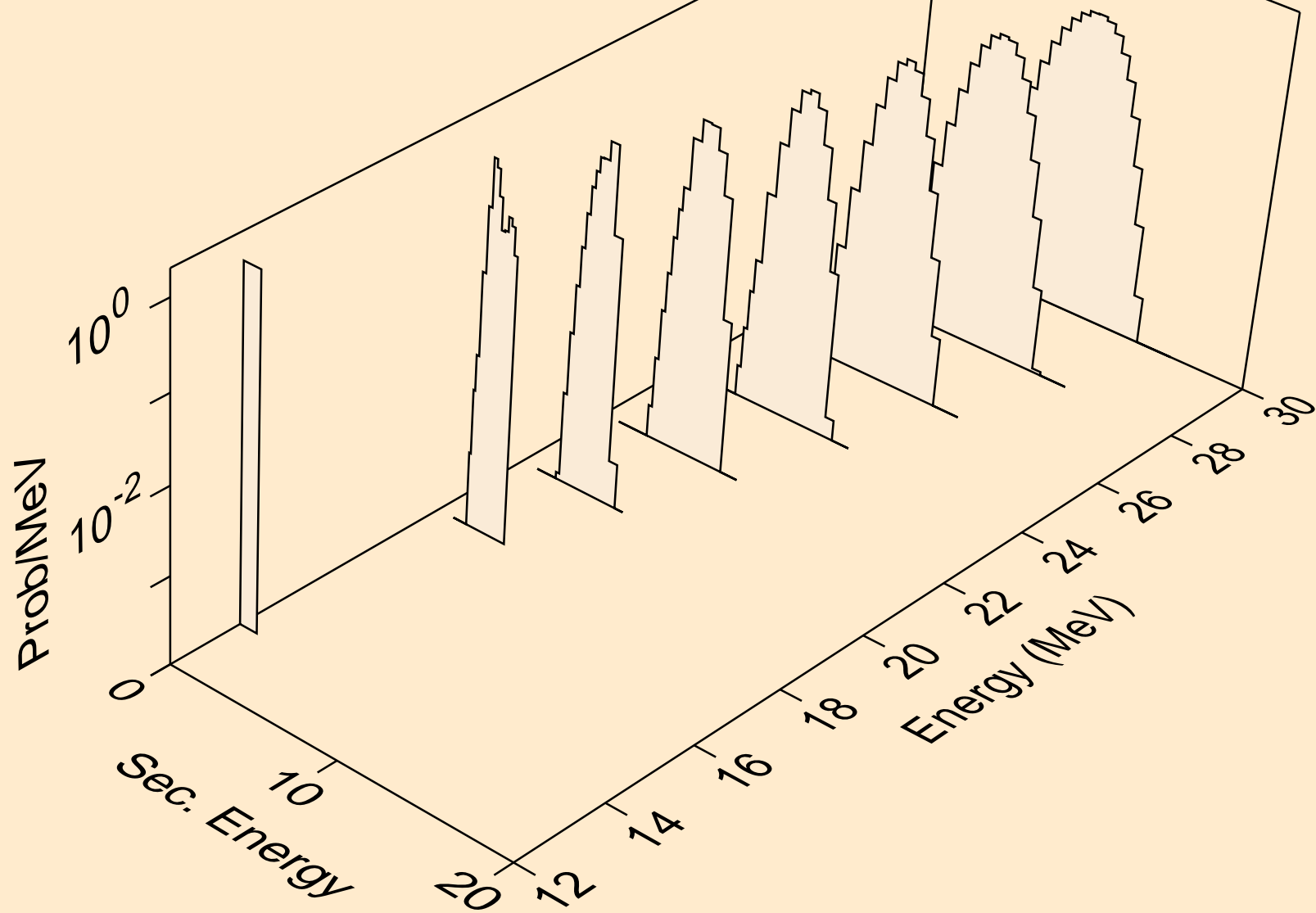


CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

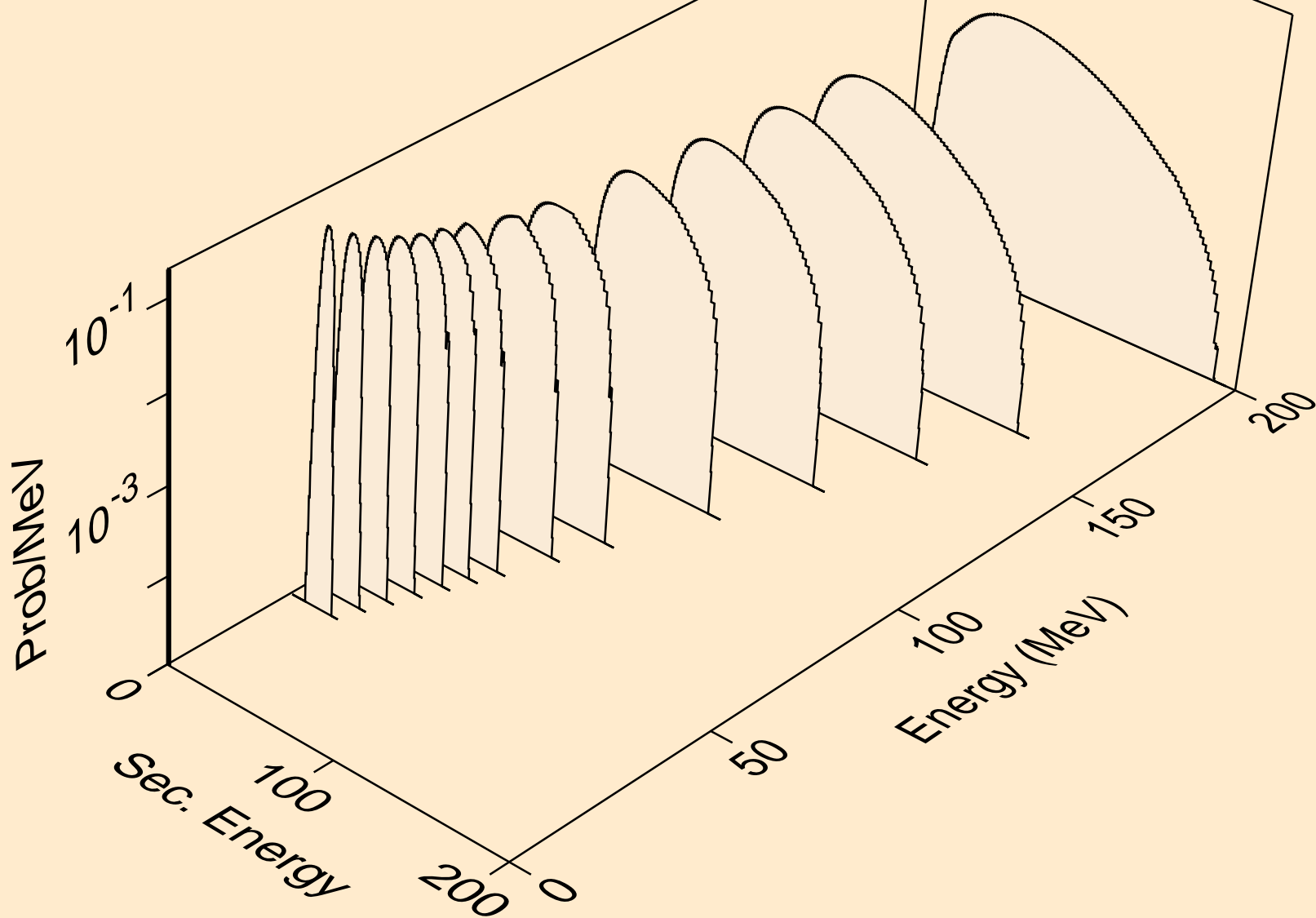




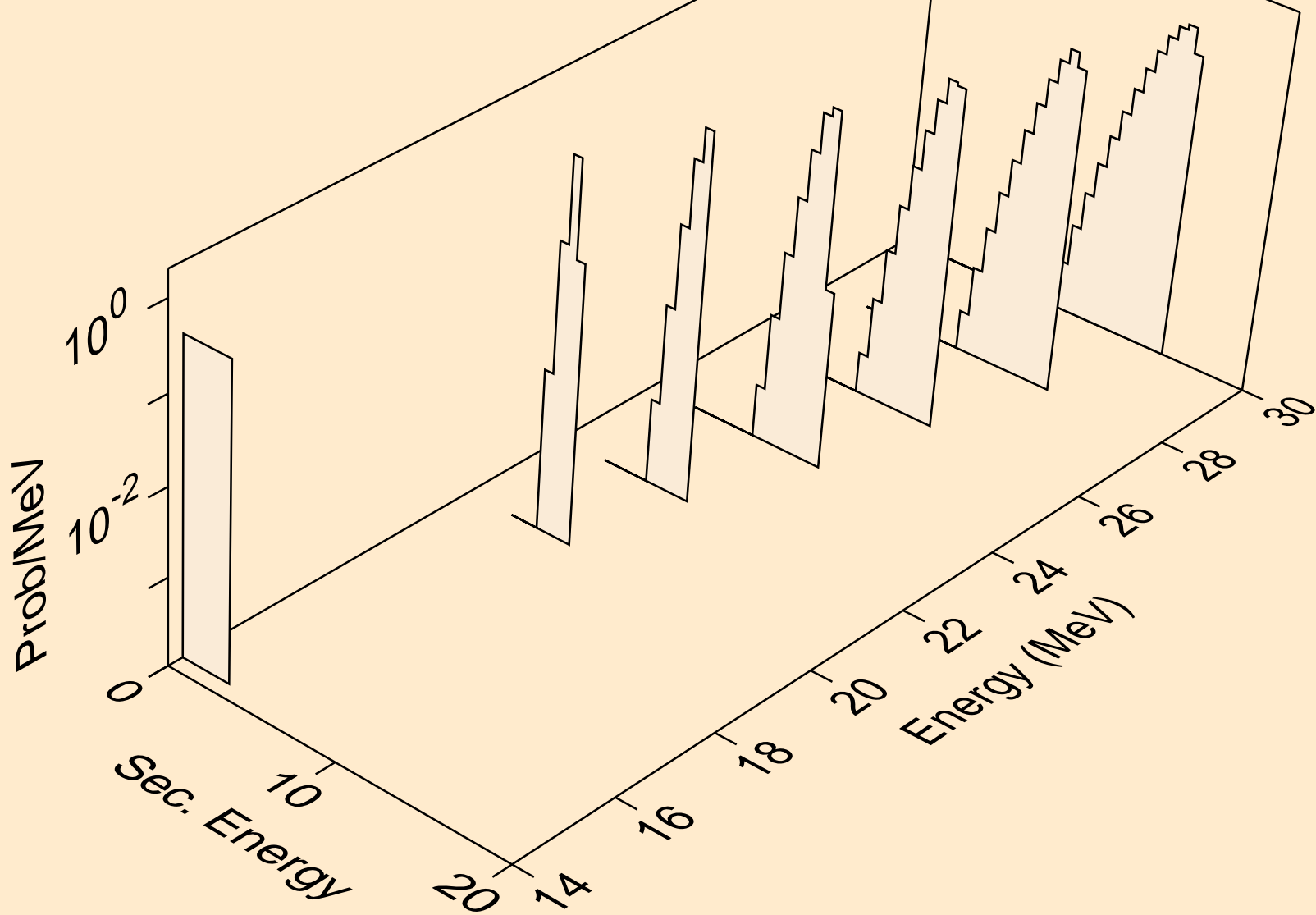
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



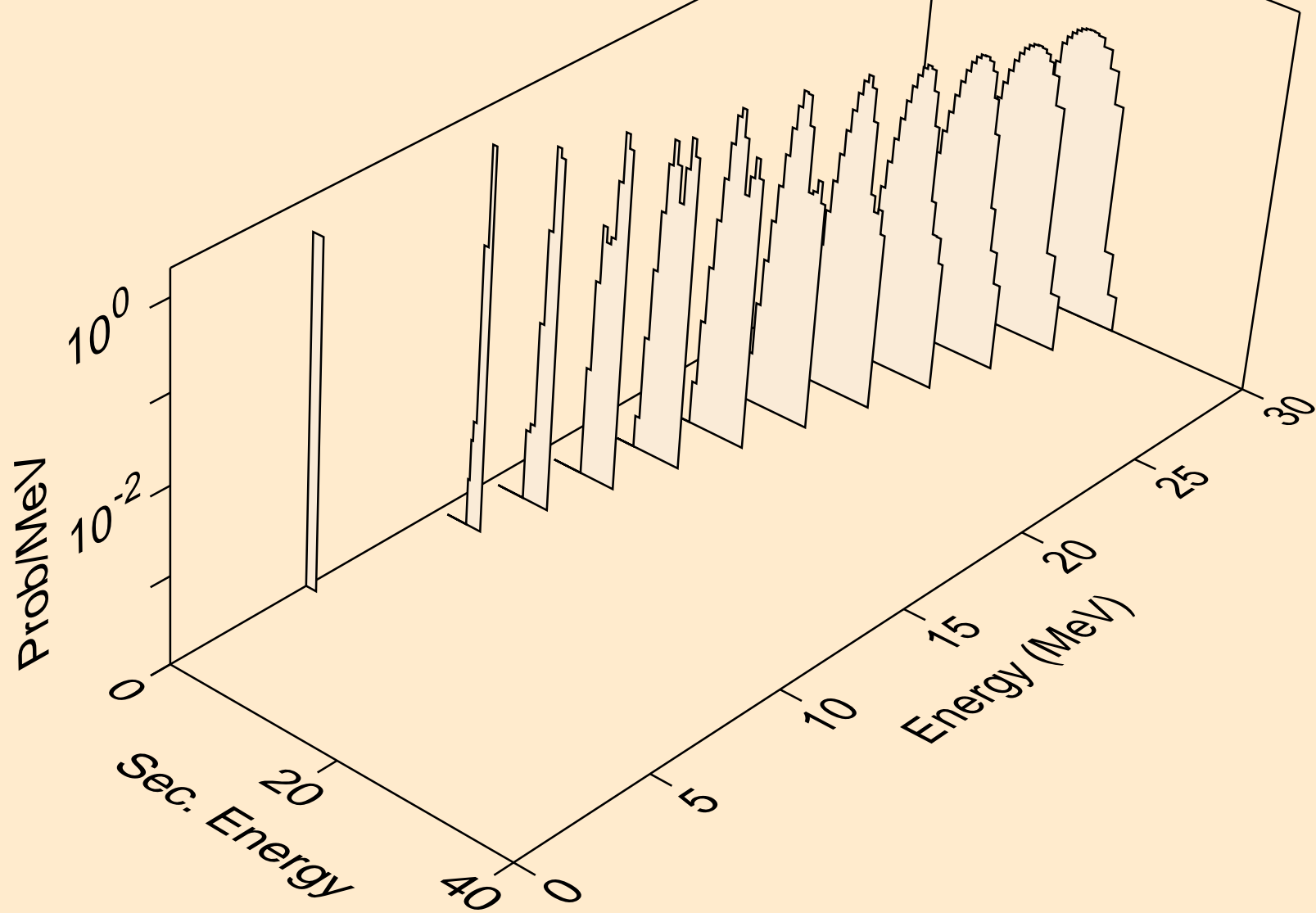
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



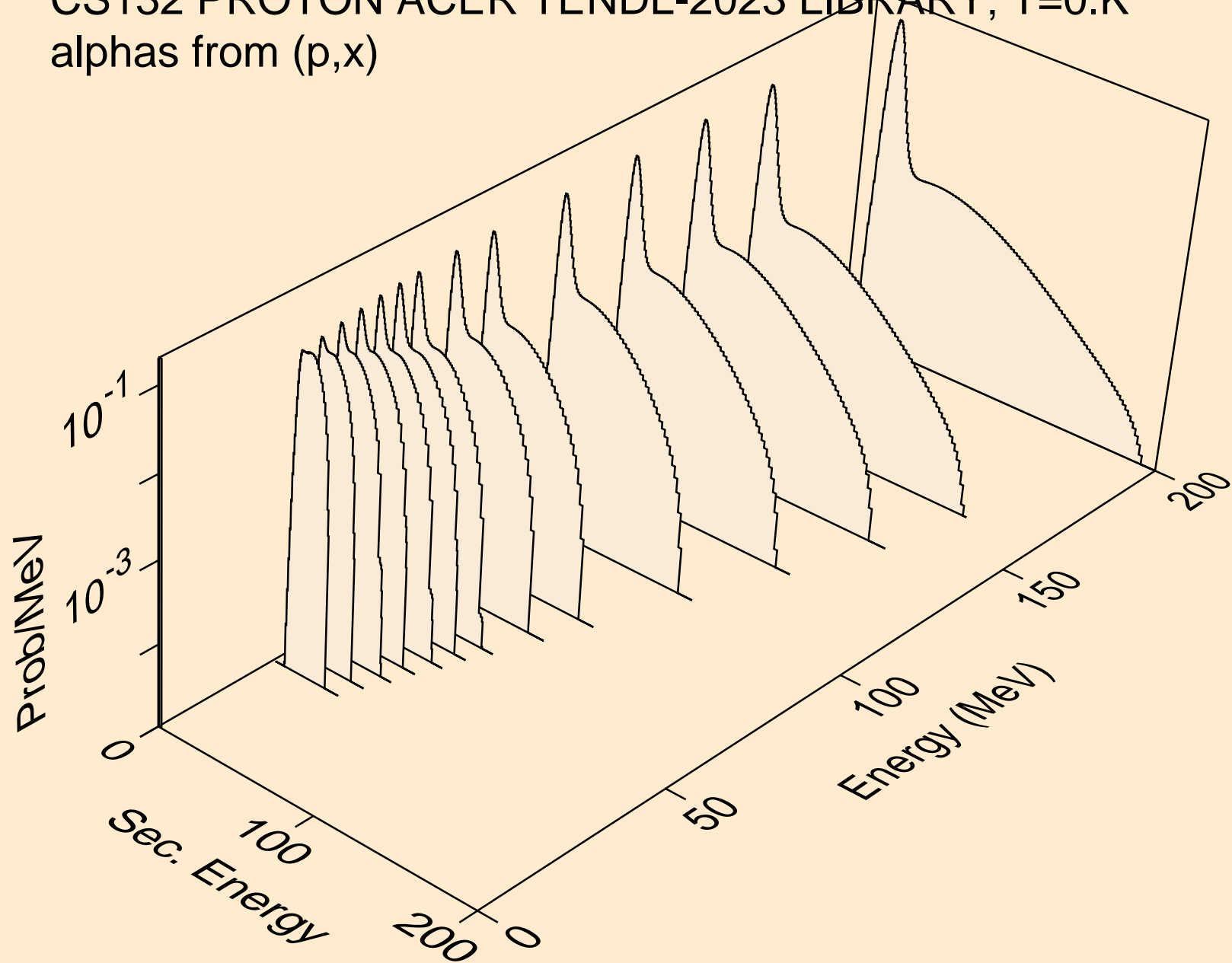
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



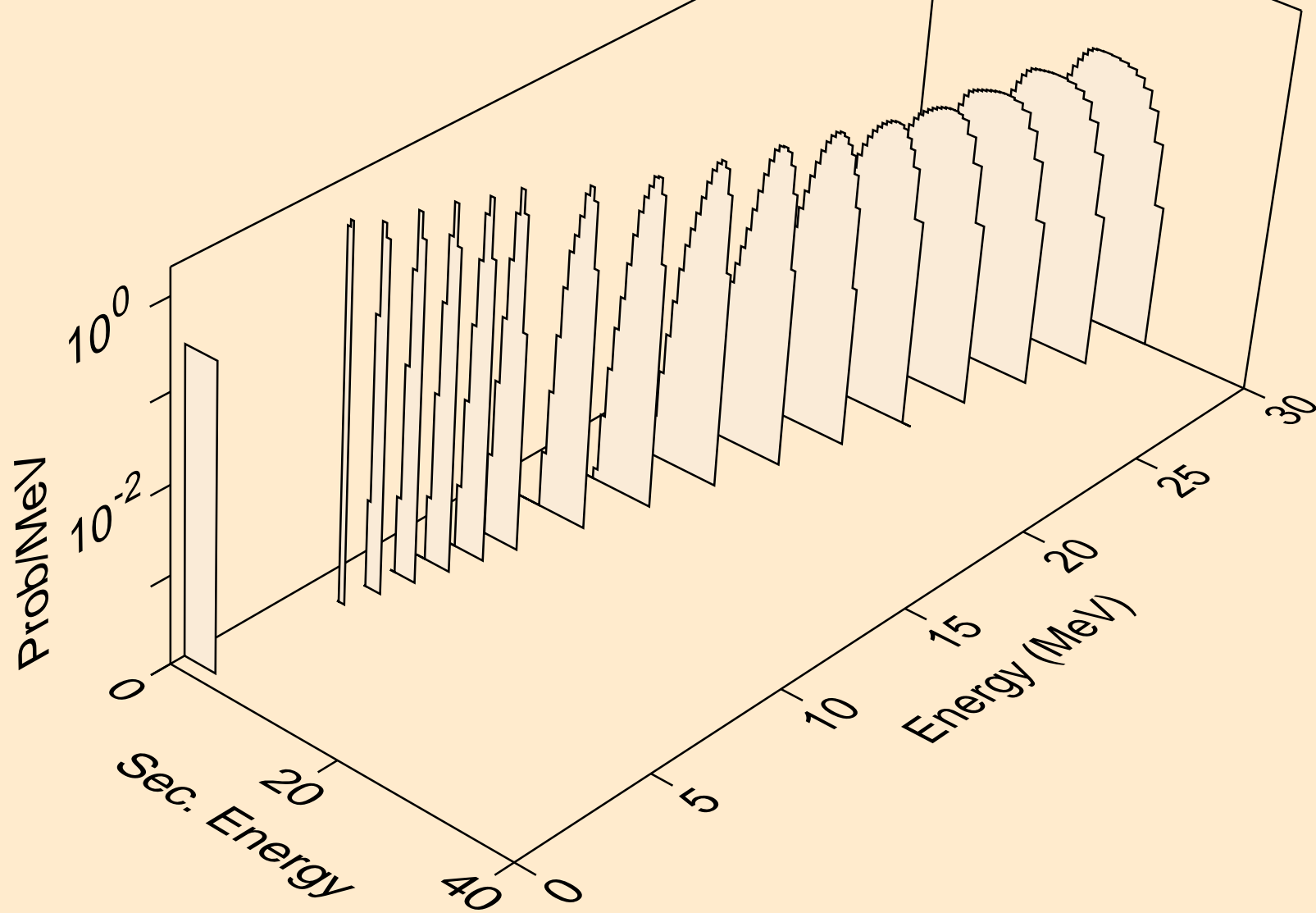
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



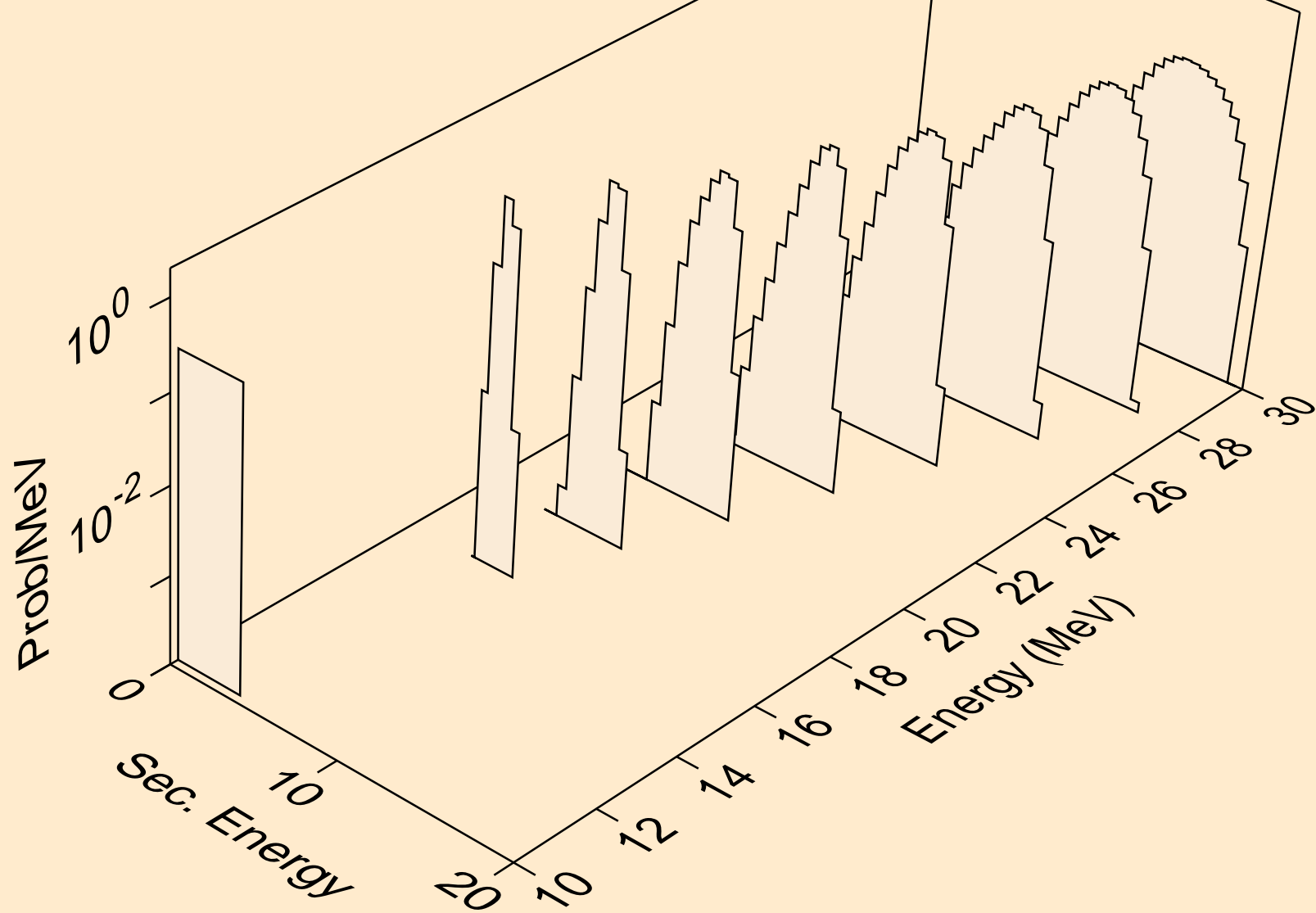
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



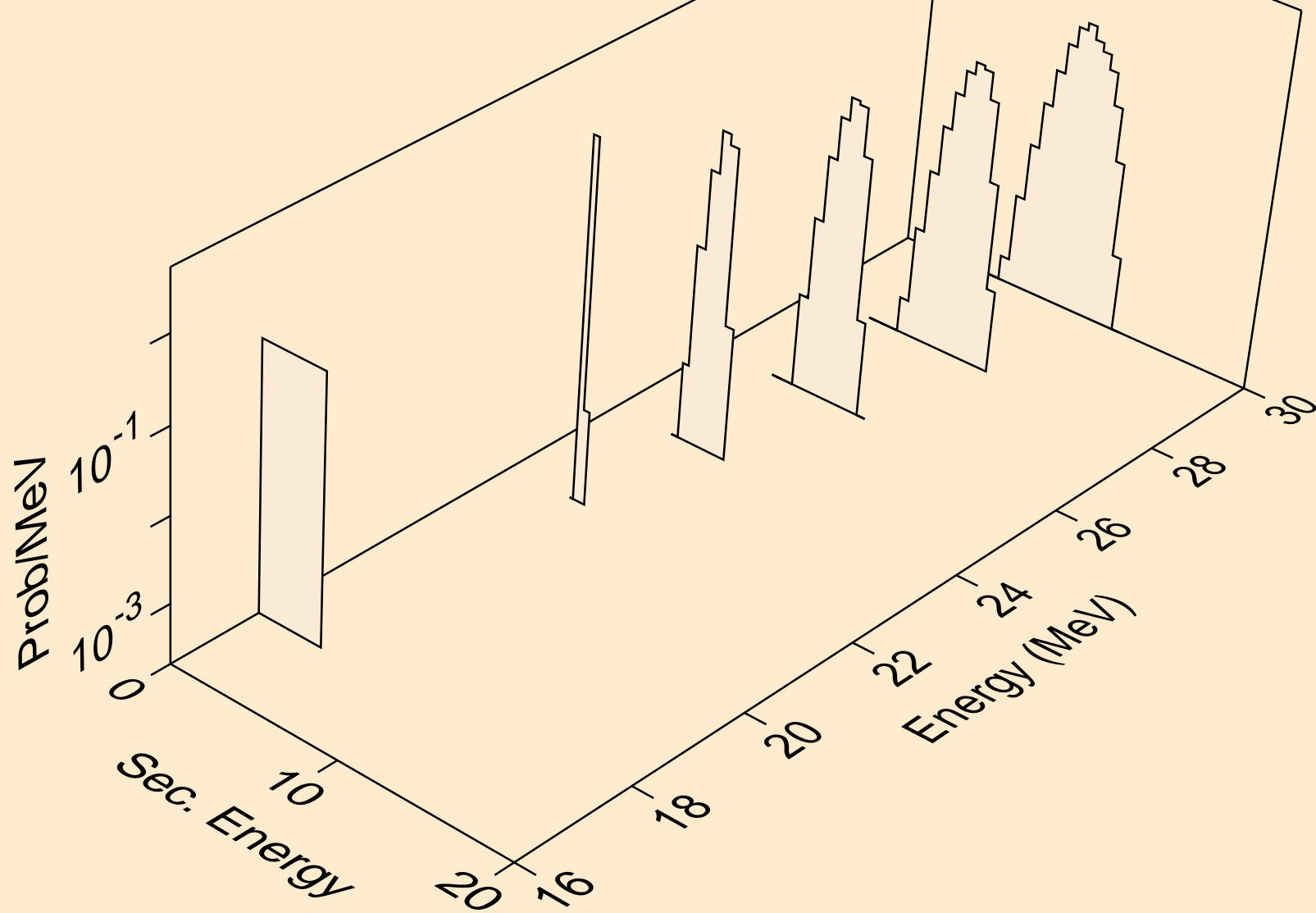
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

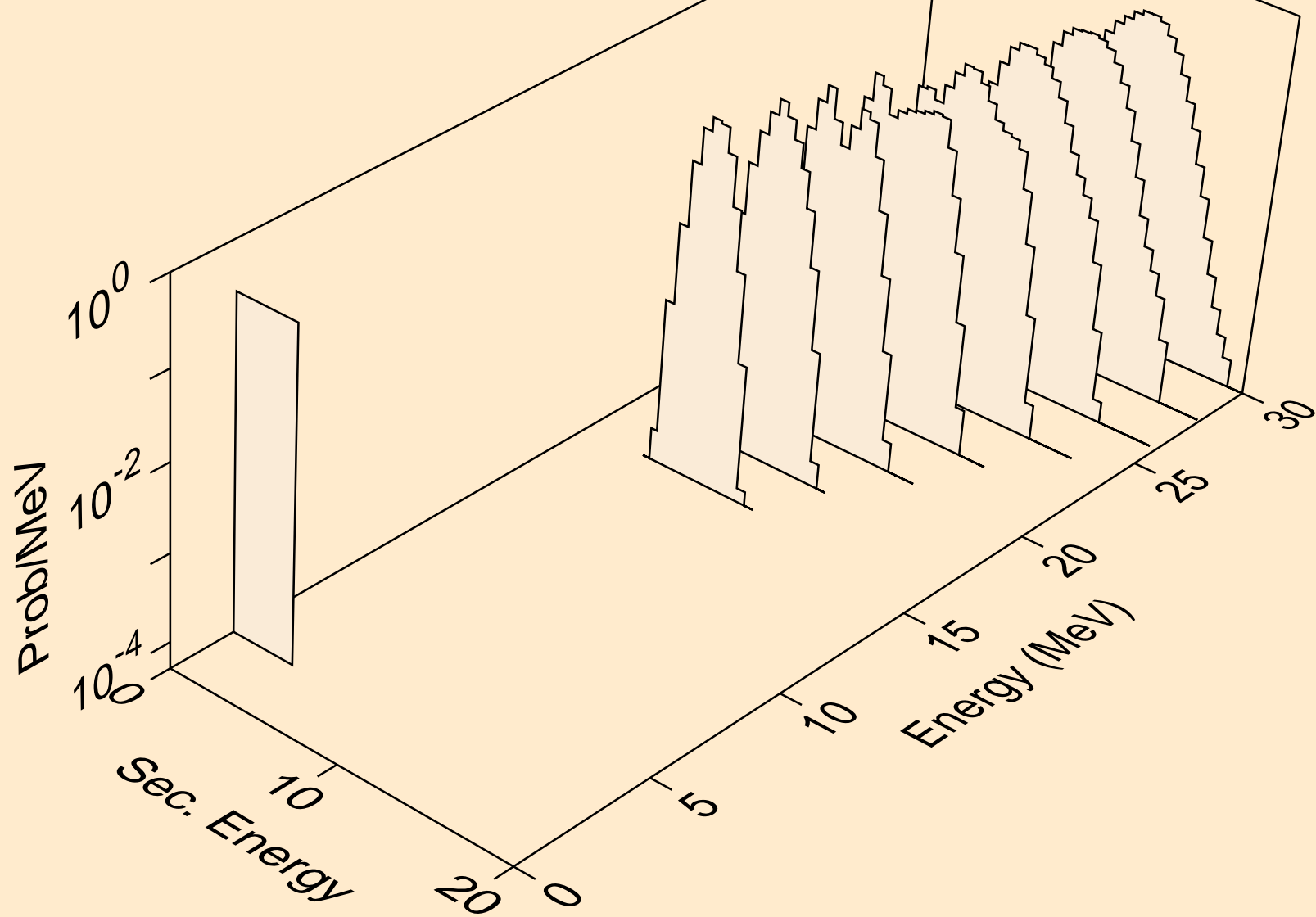


CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

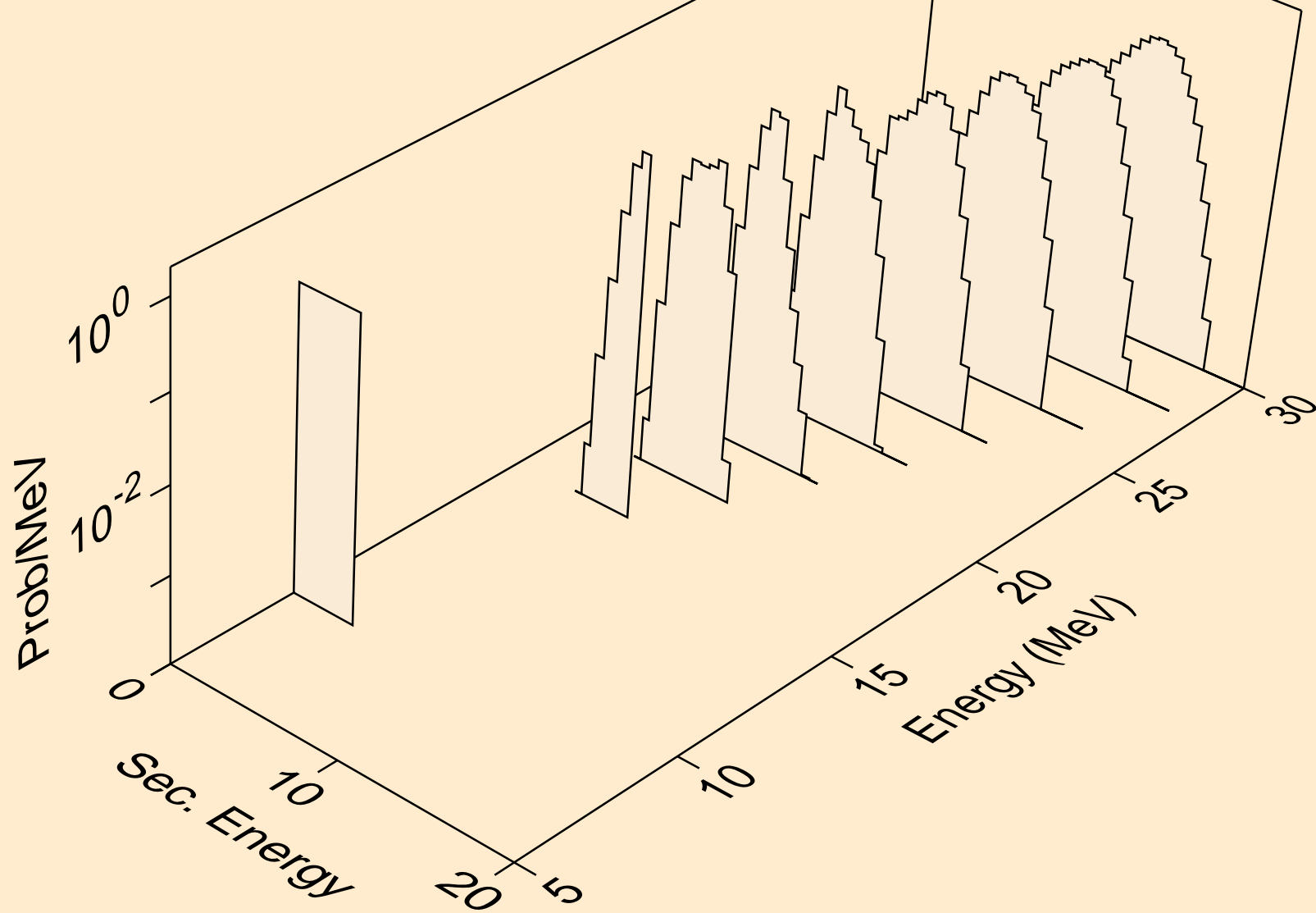




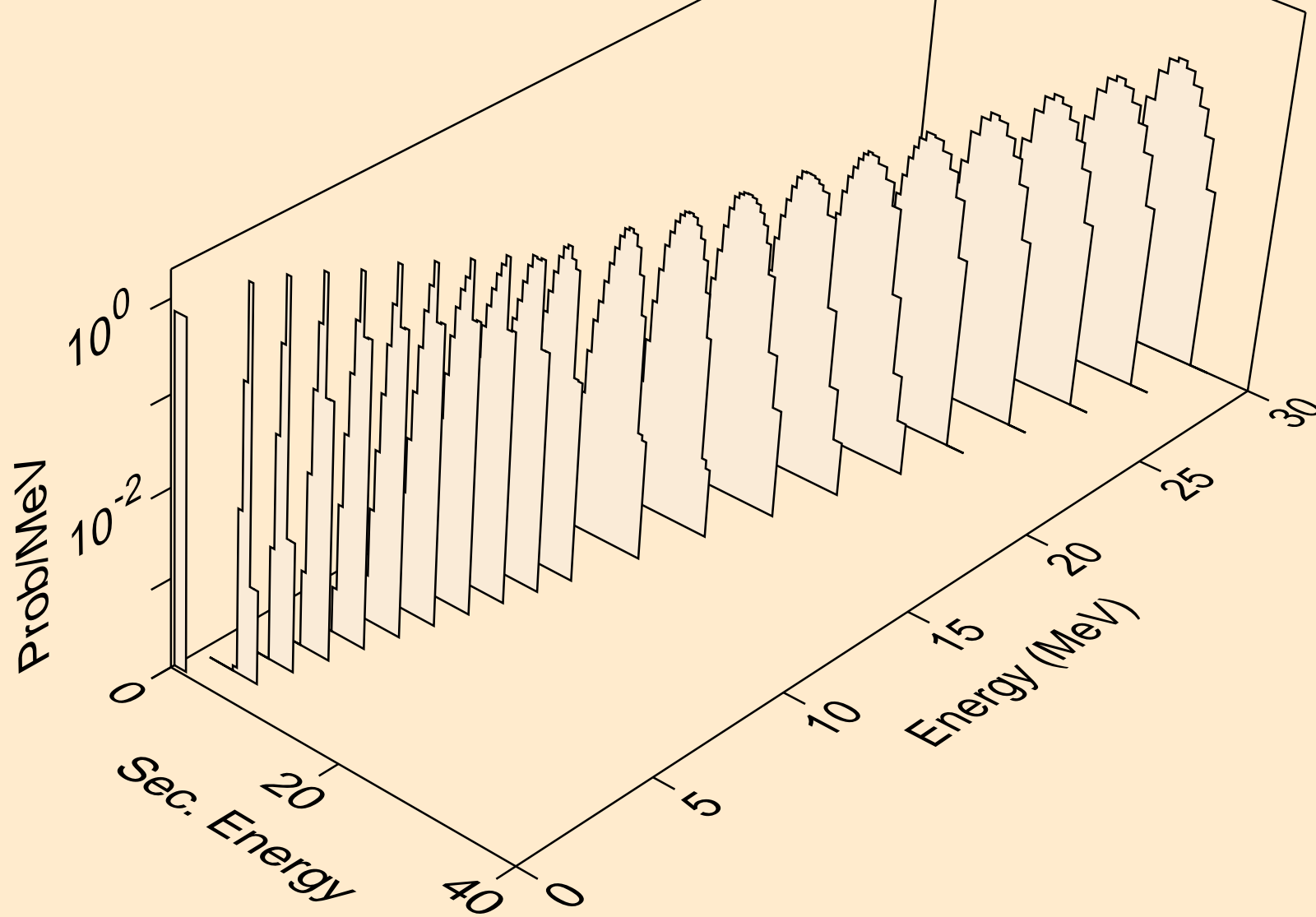
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



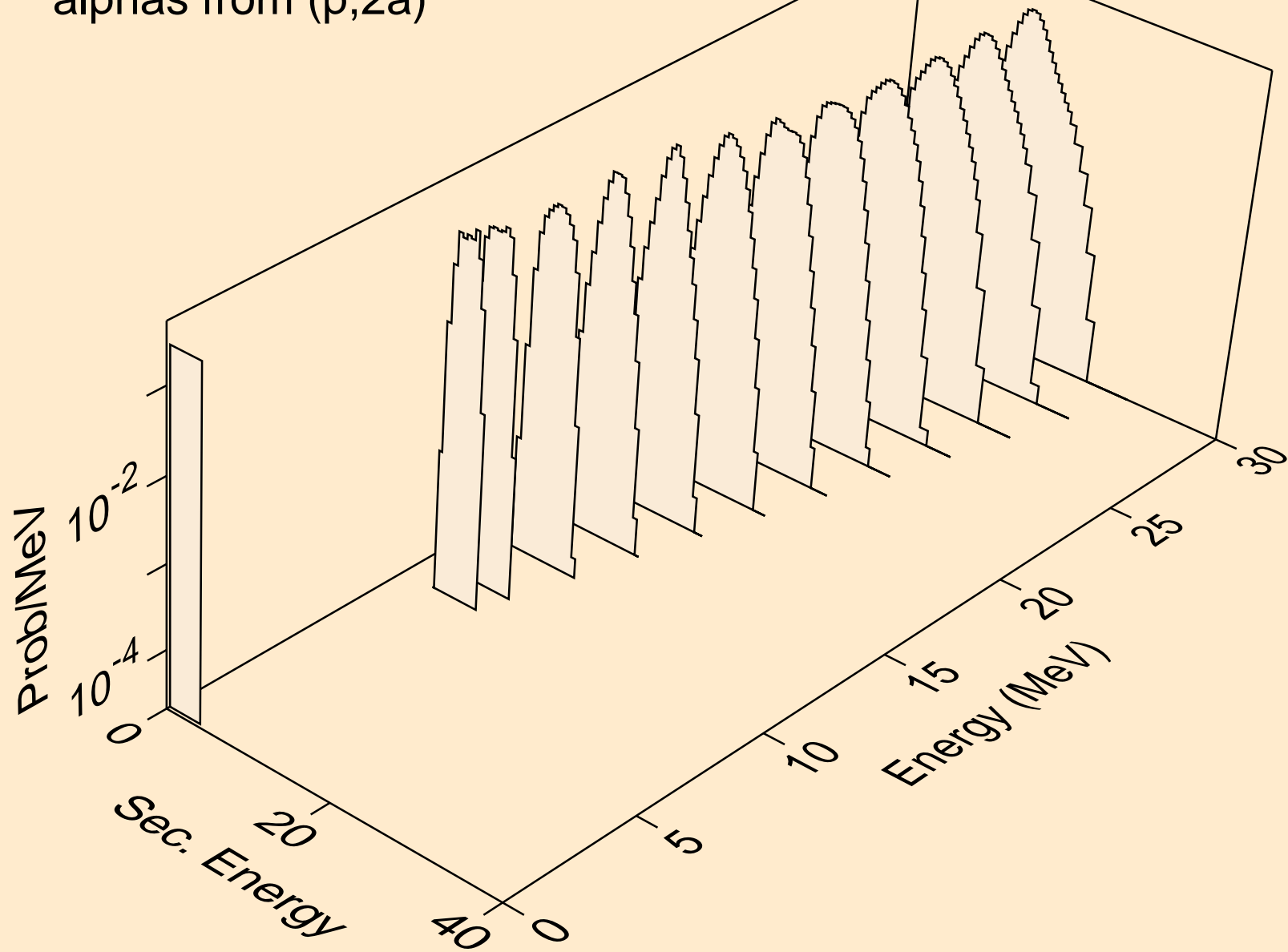
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



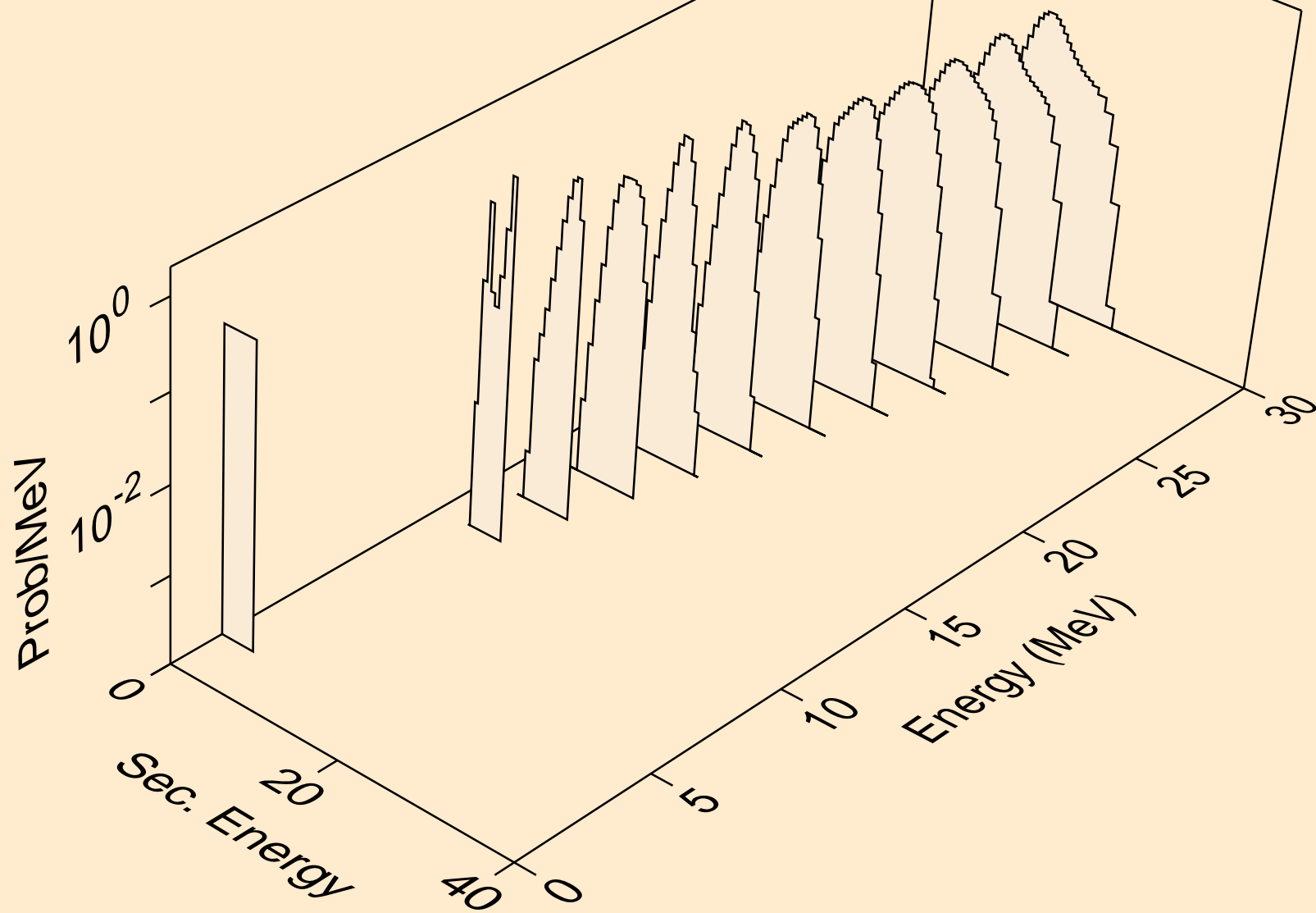
CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



CS132 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

