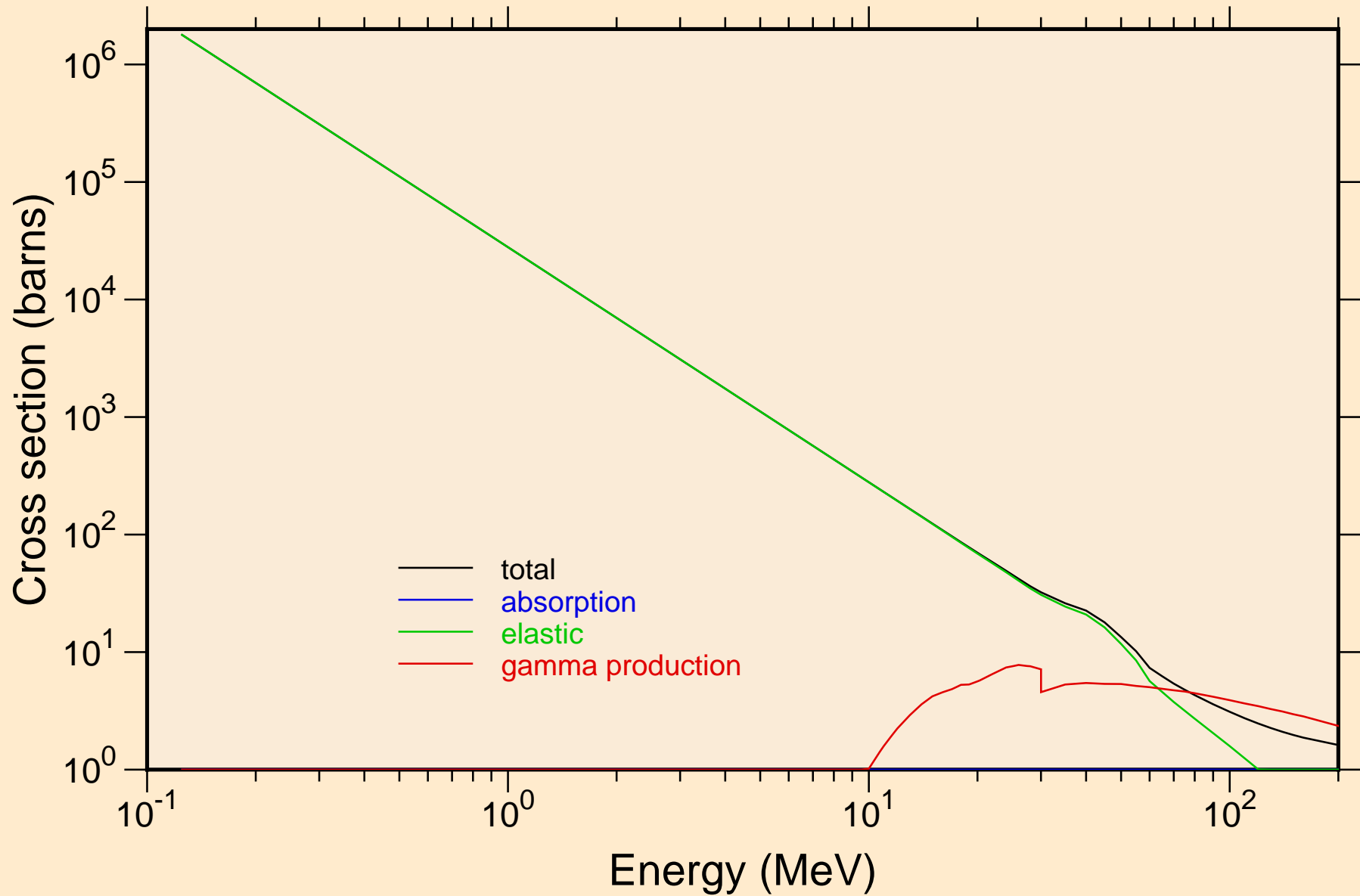
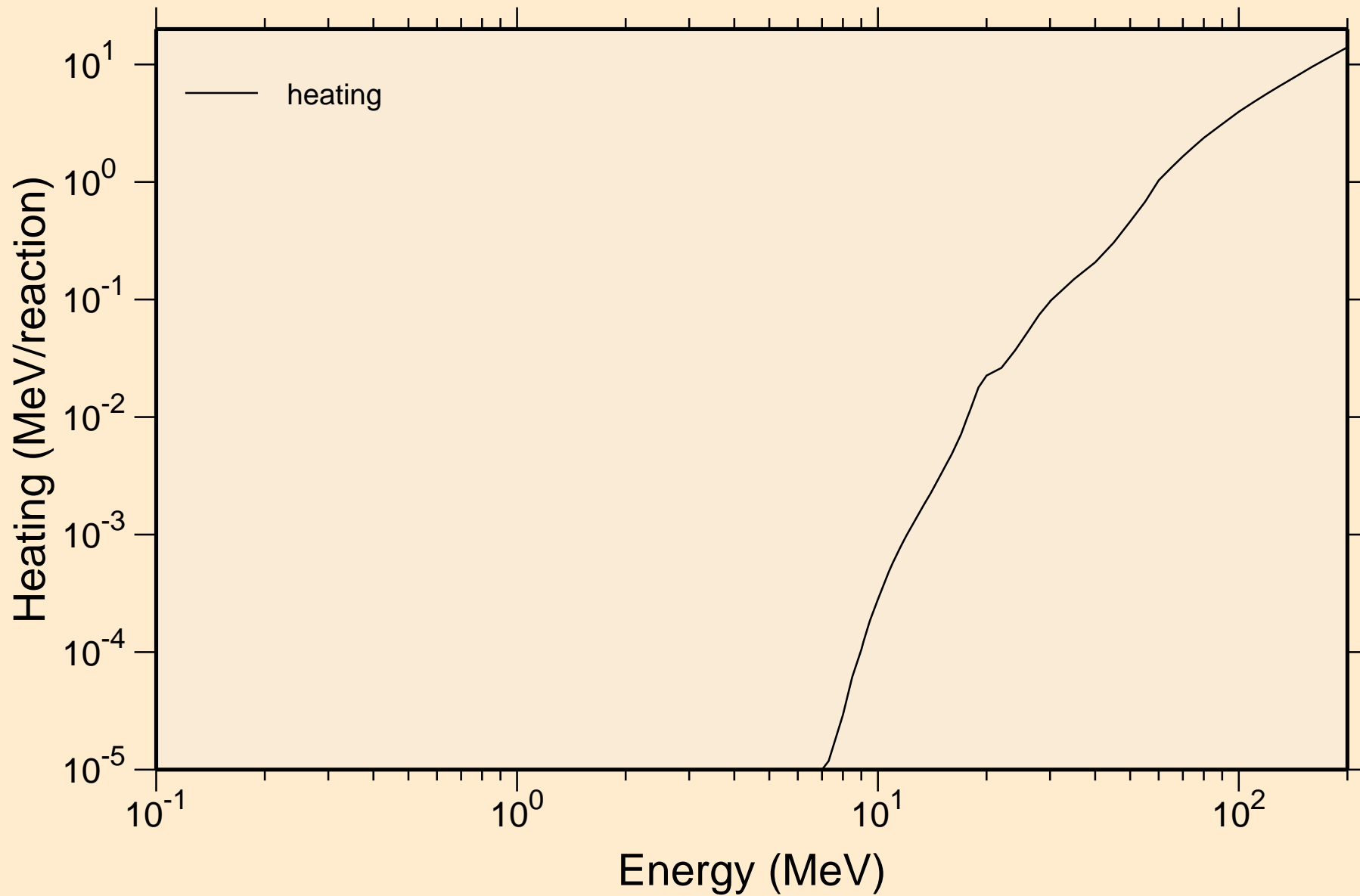


# HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

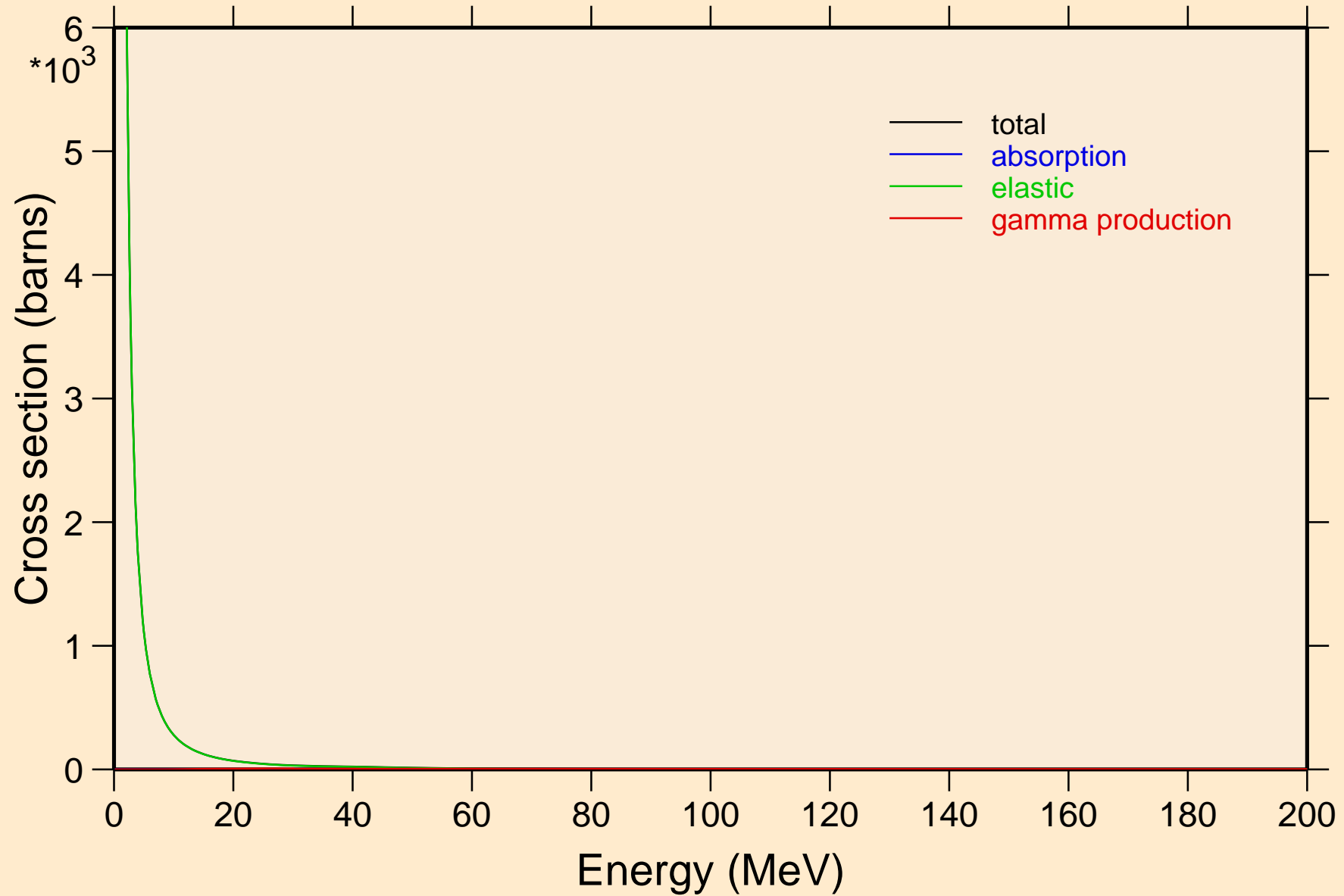


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



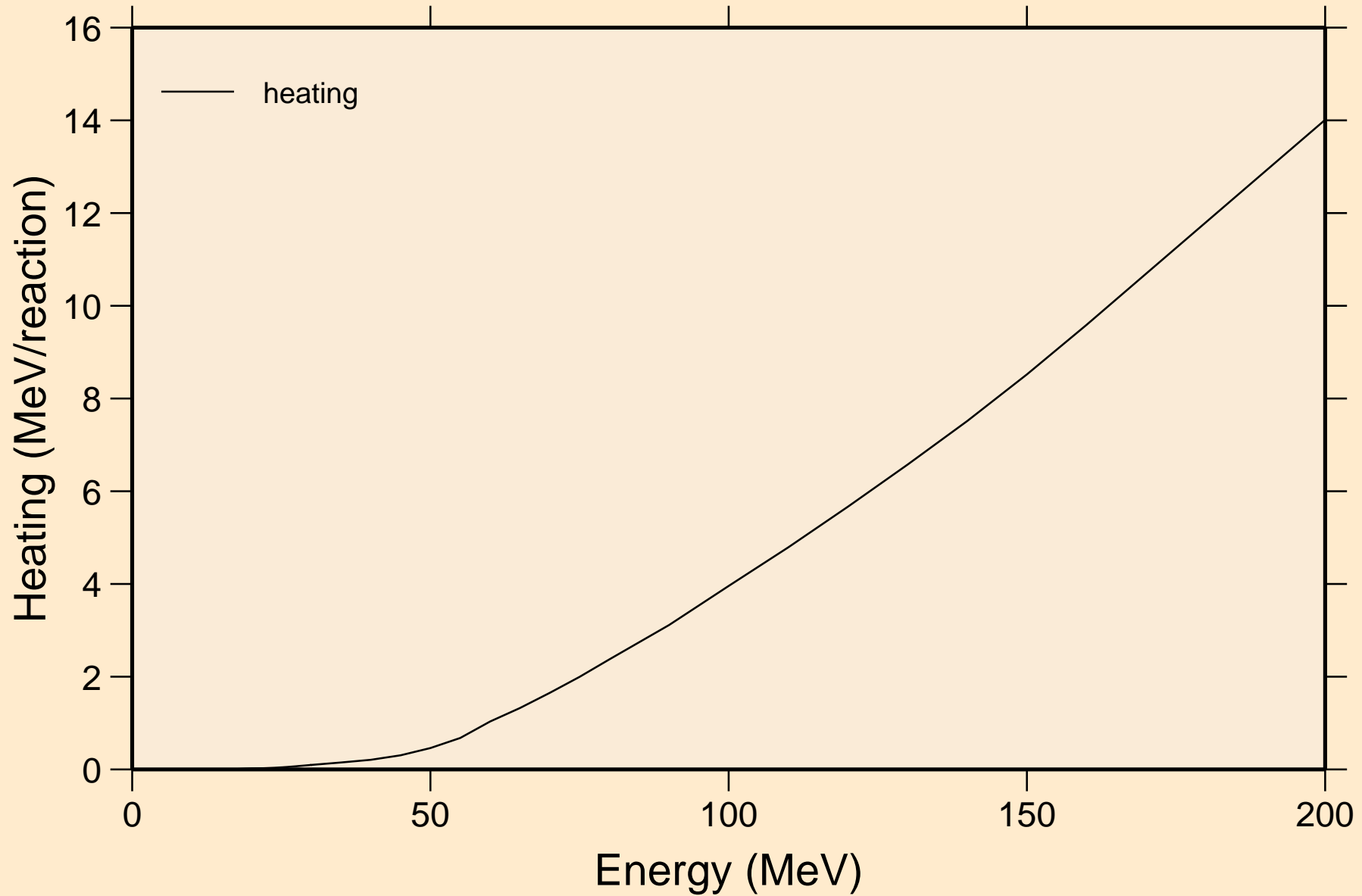
# HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



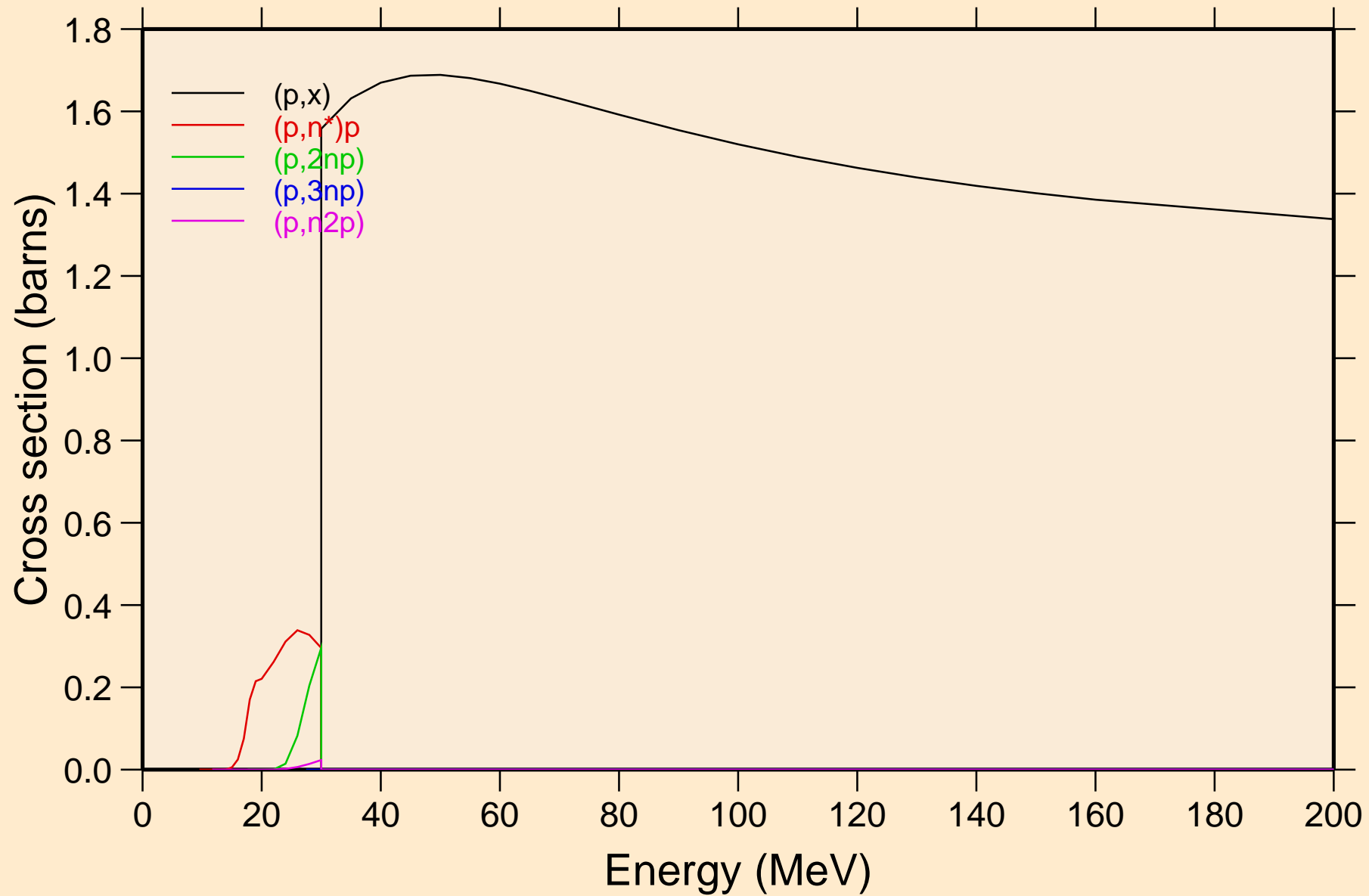
# HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



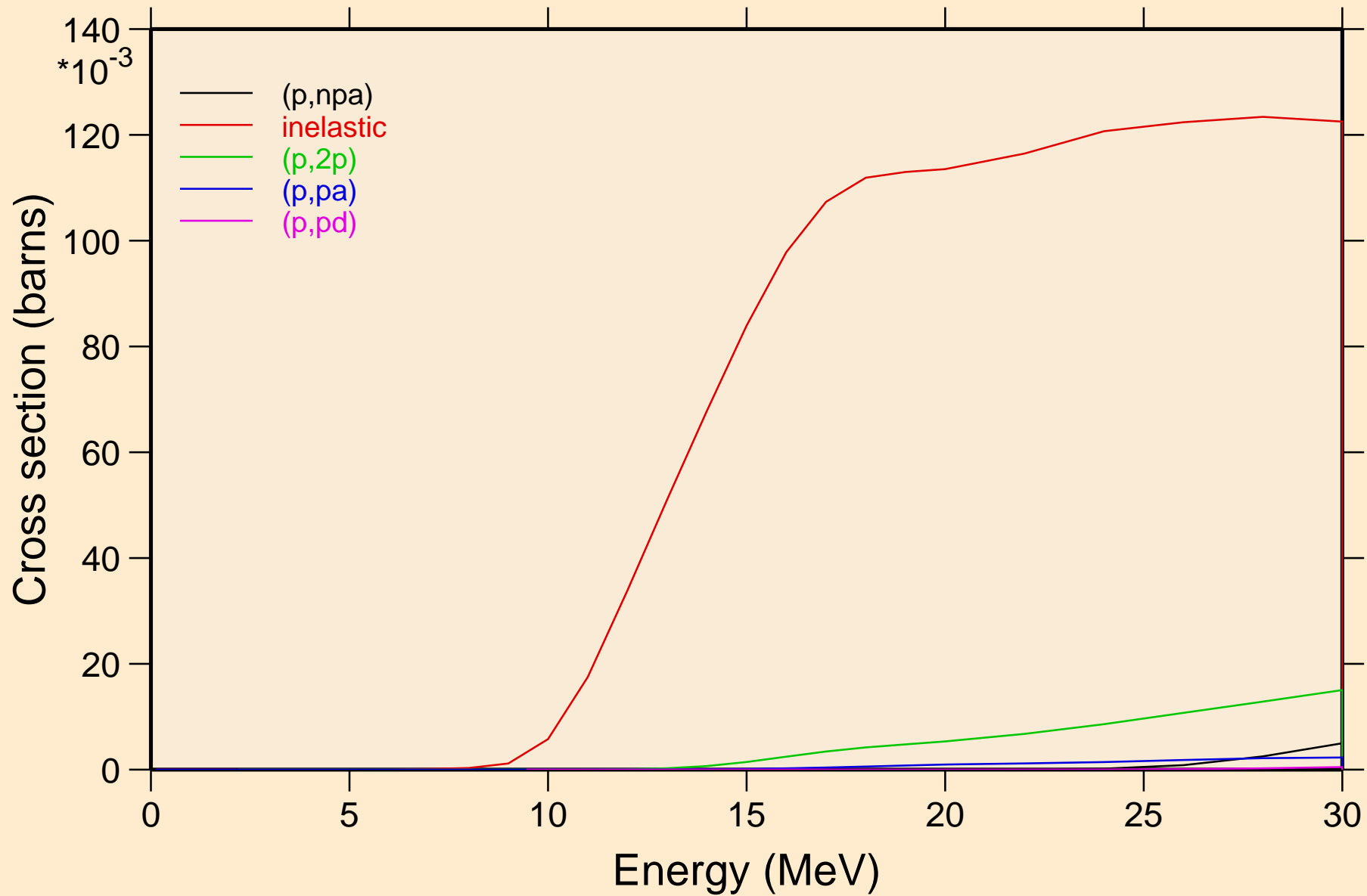
# HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



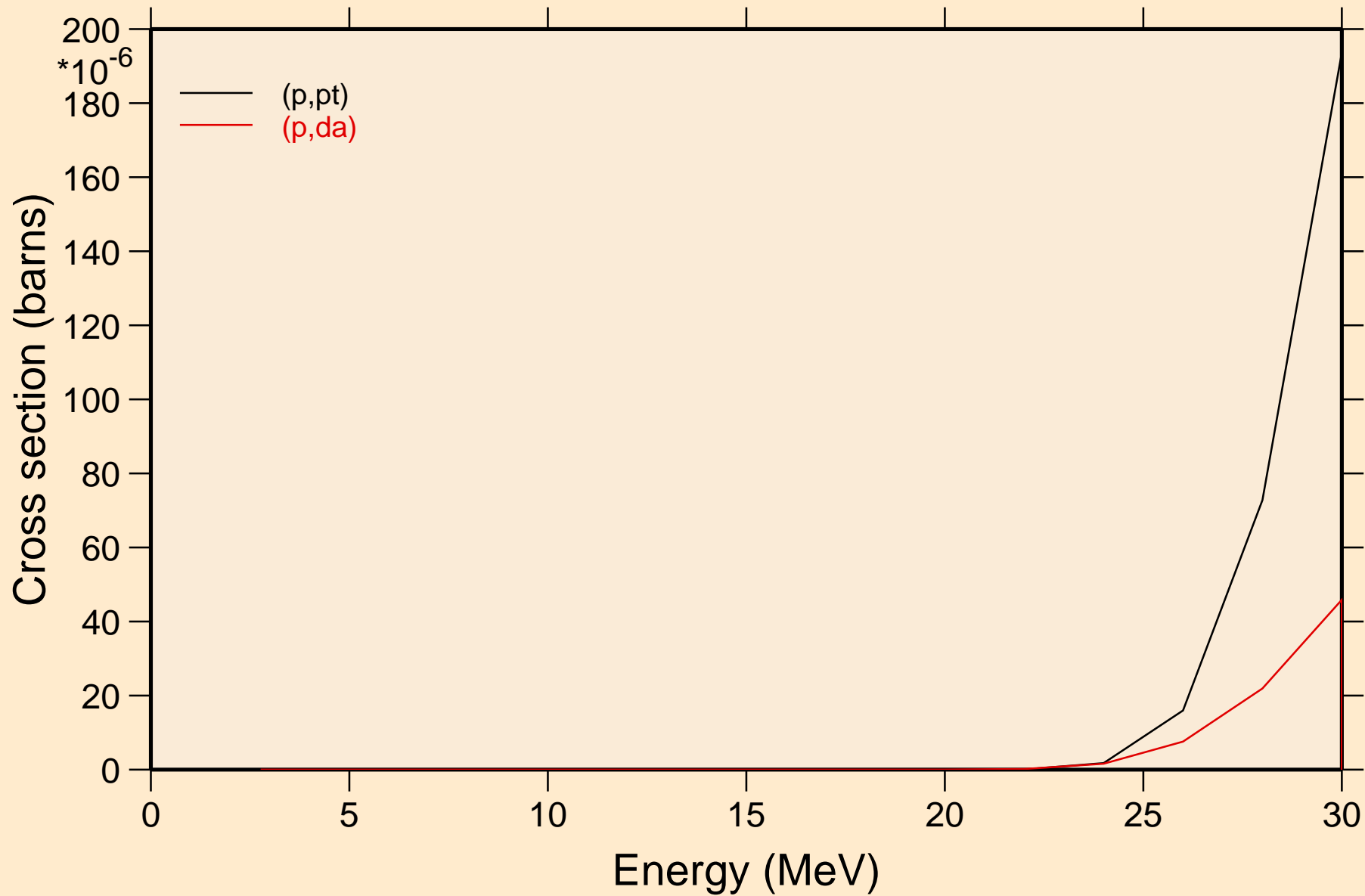
# HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

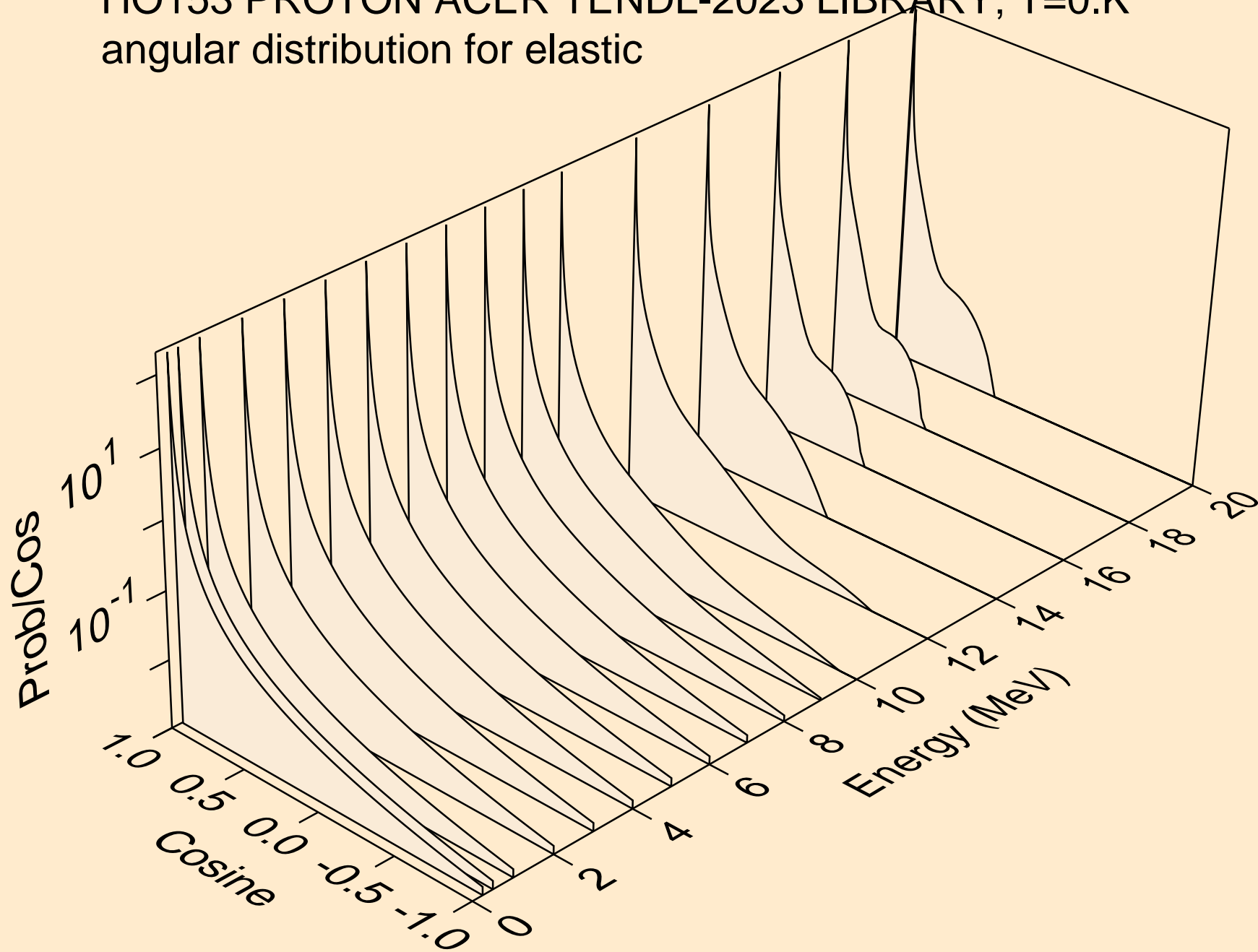


# HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

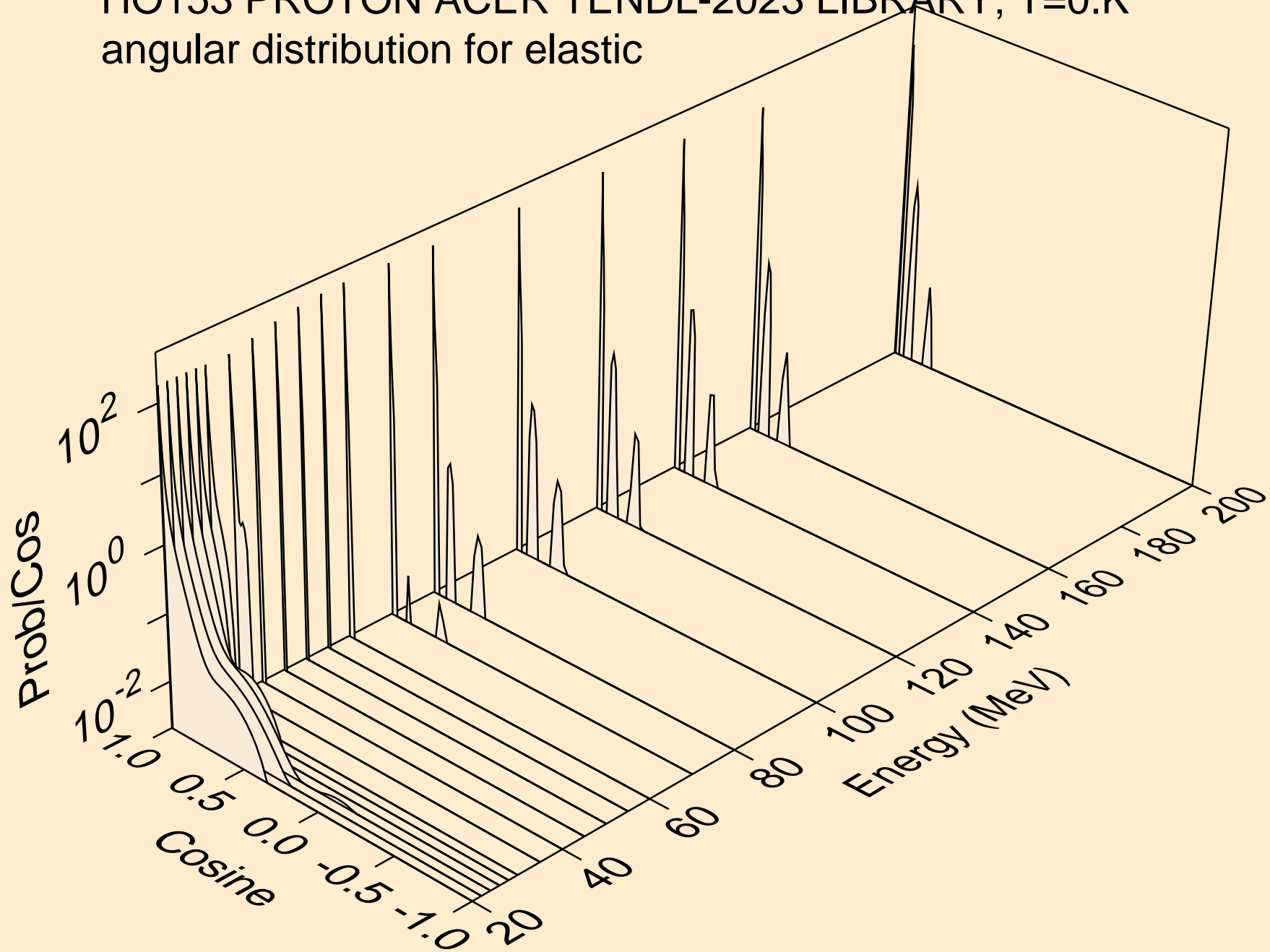


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

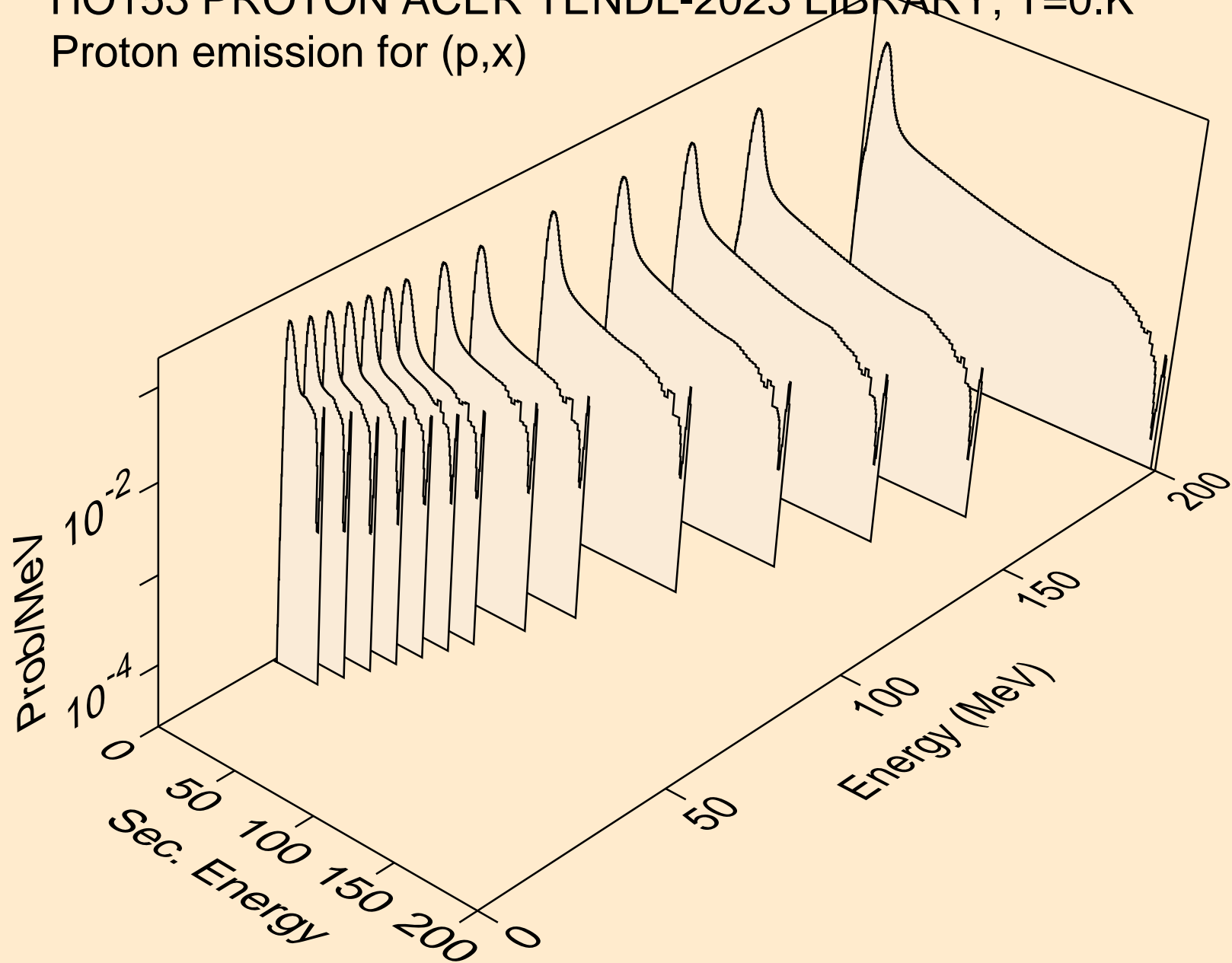




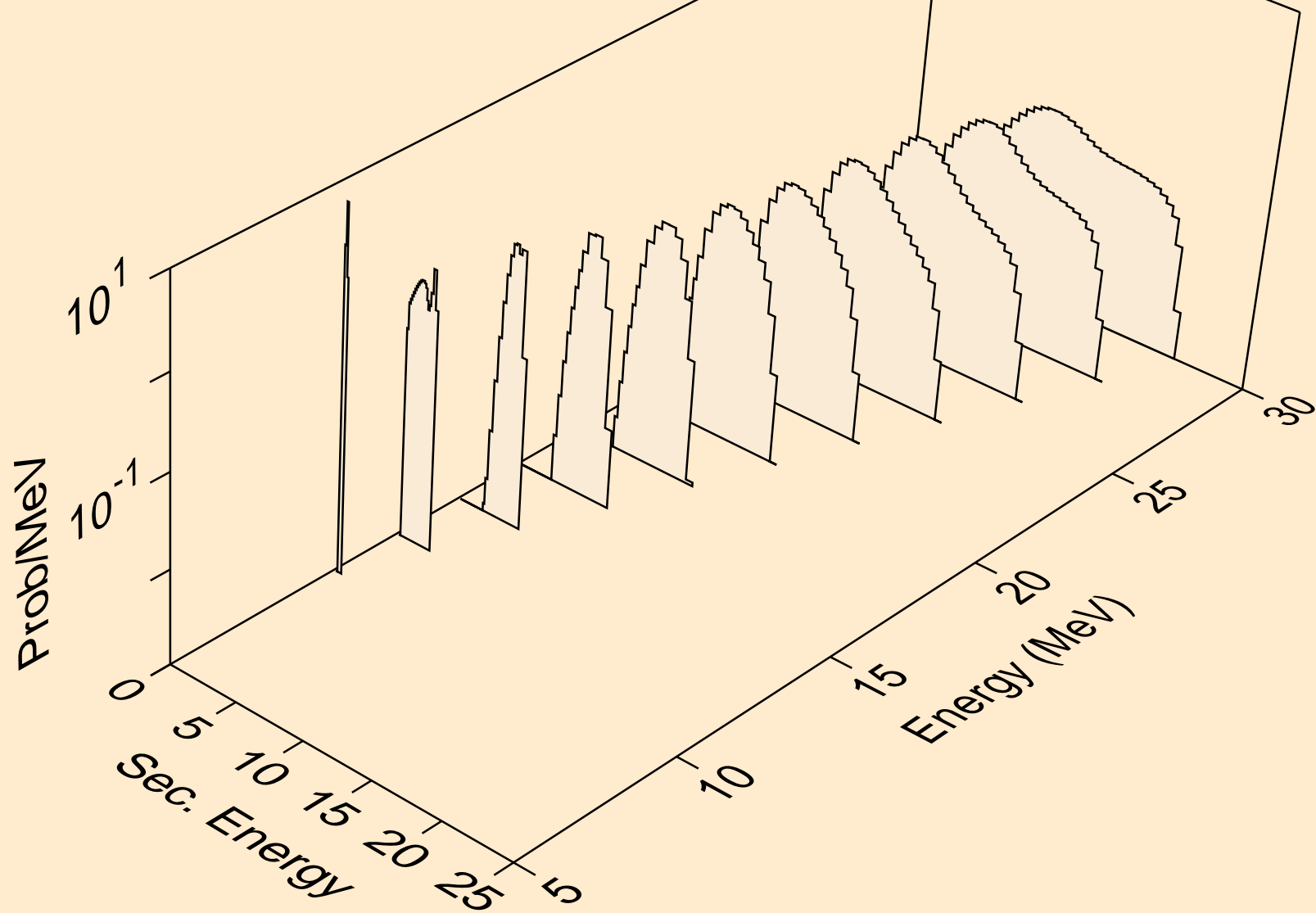
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



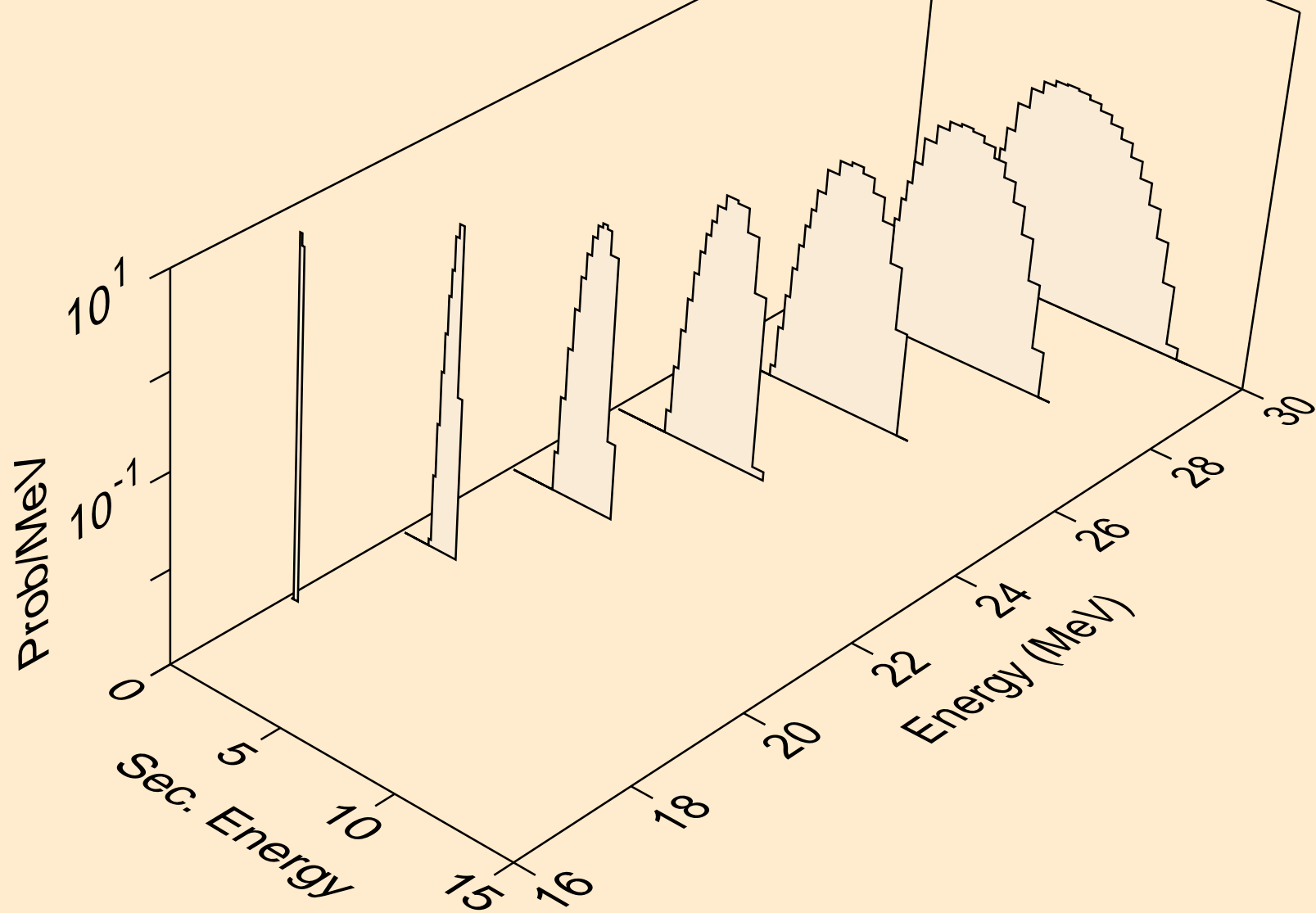
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



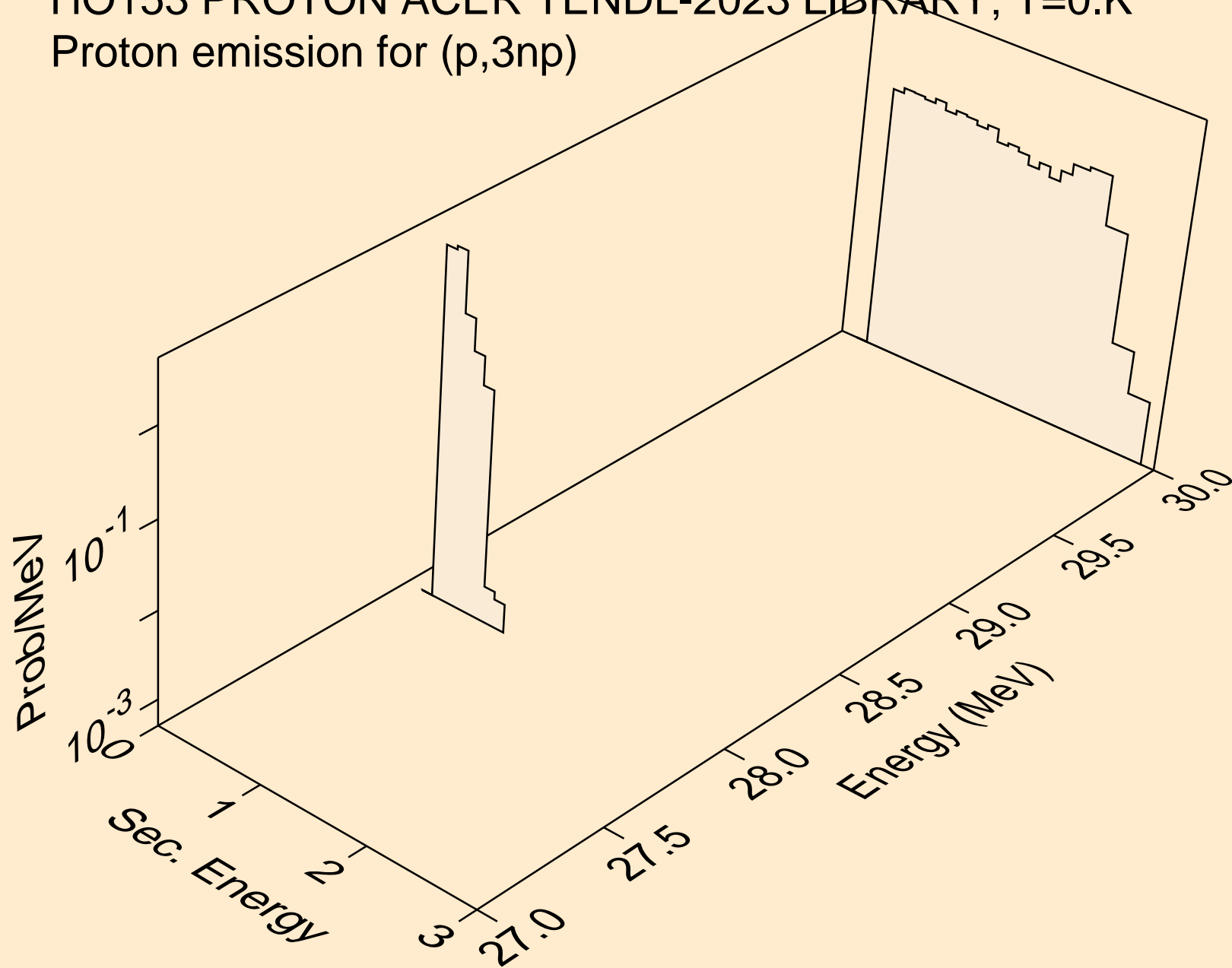
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



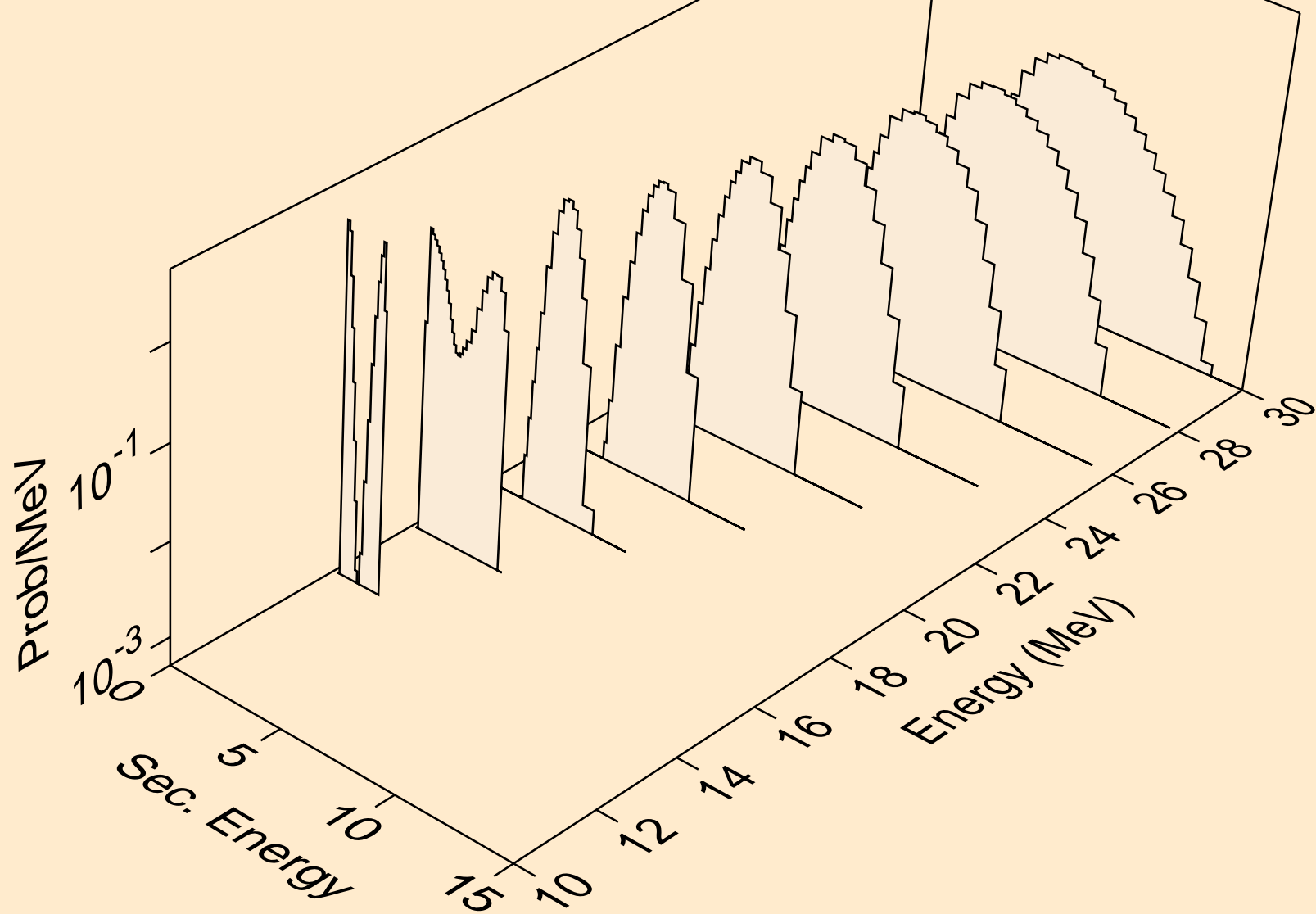
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



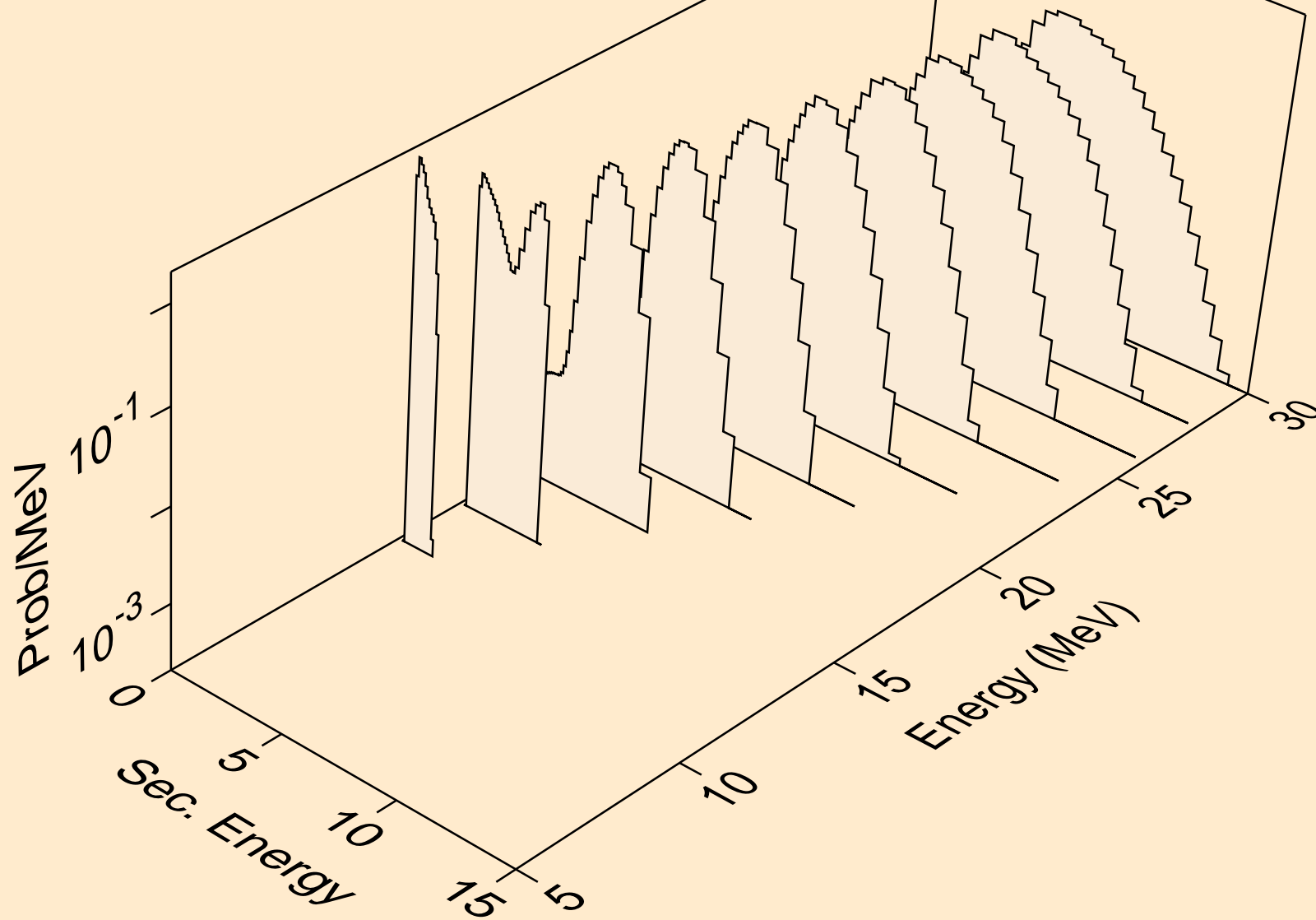
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



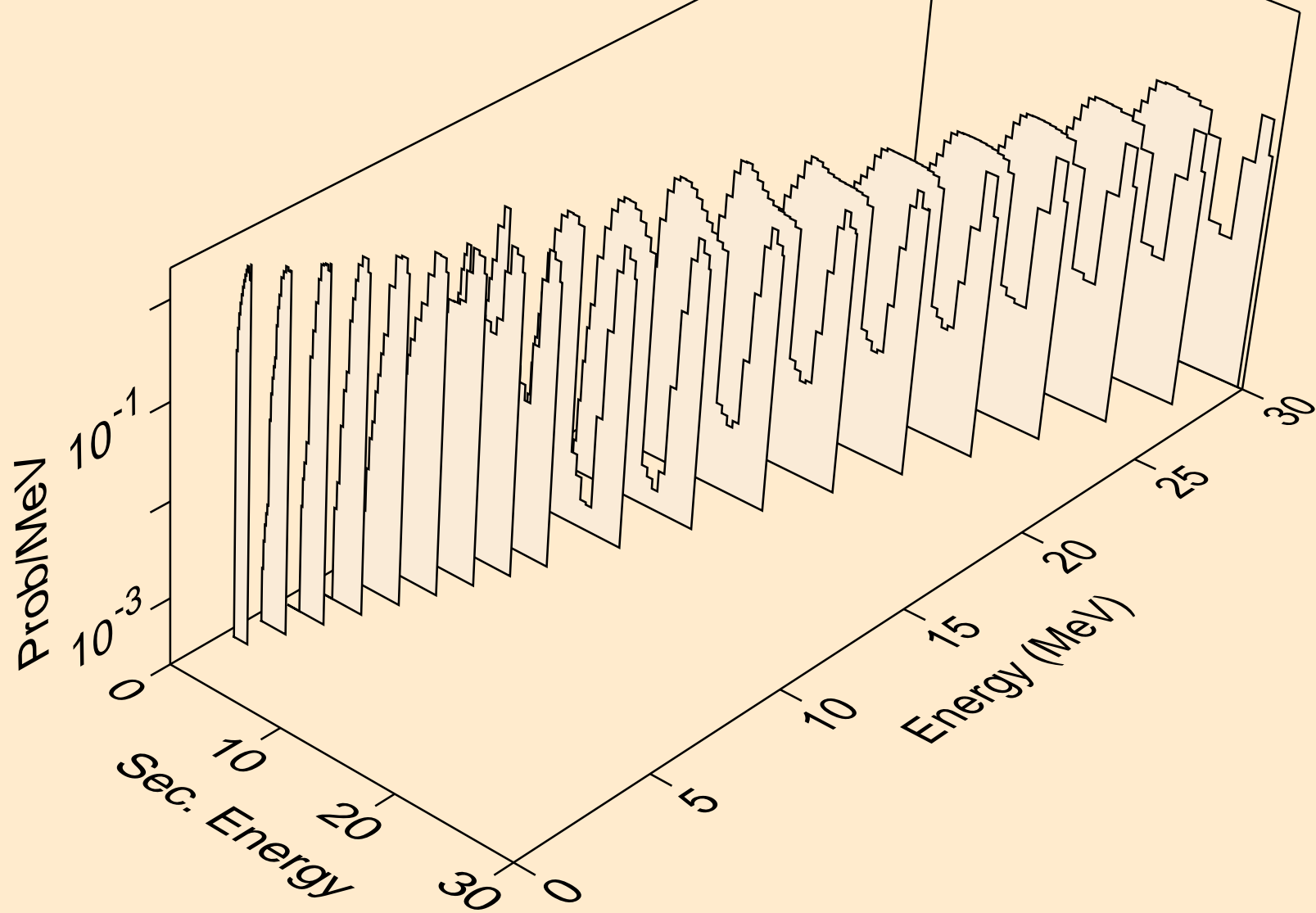
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

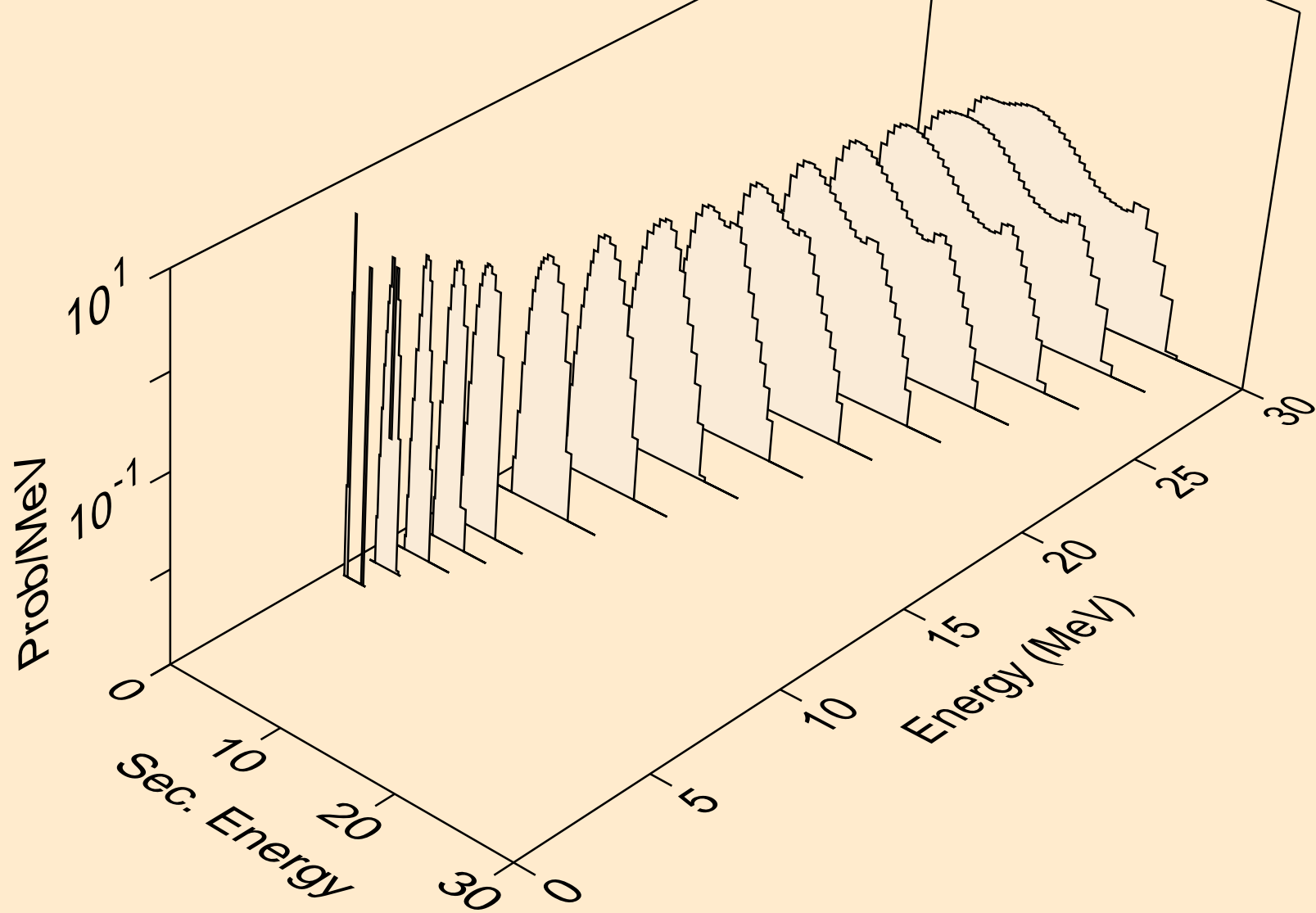


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

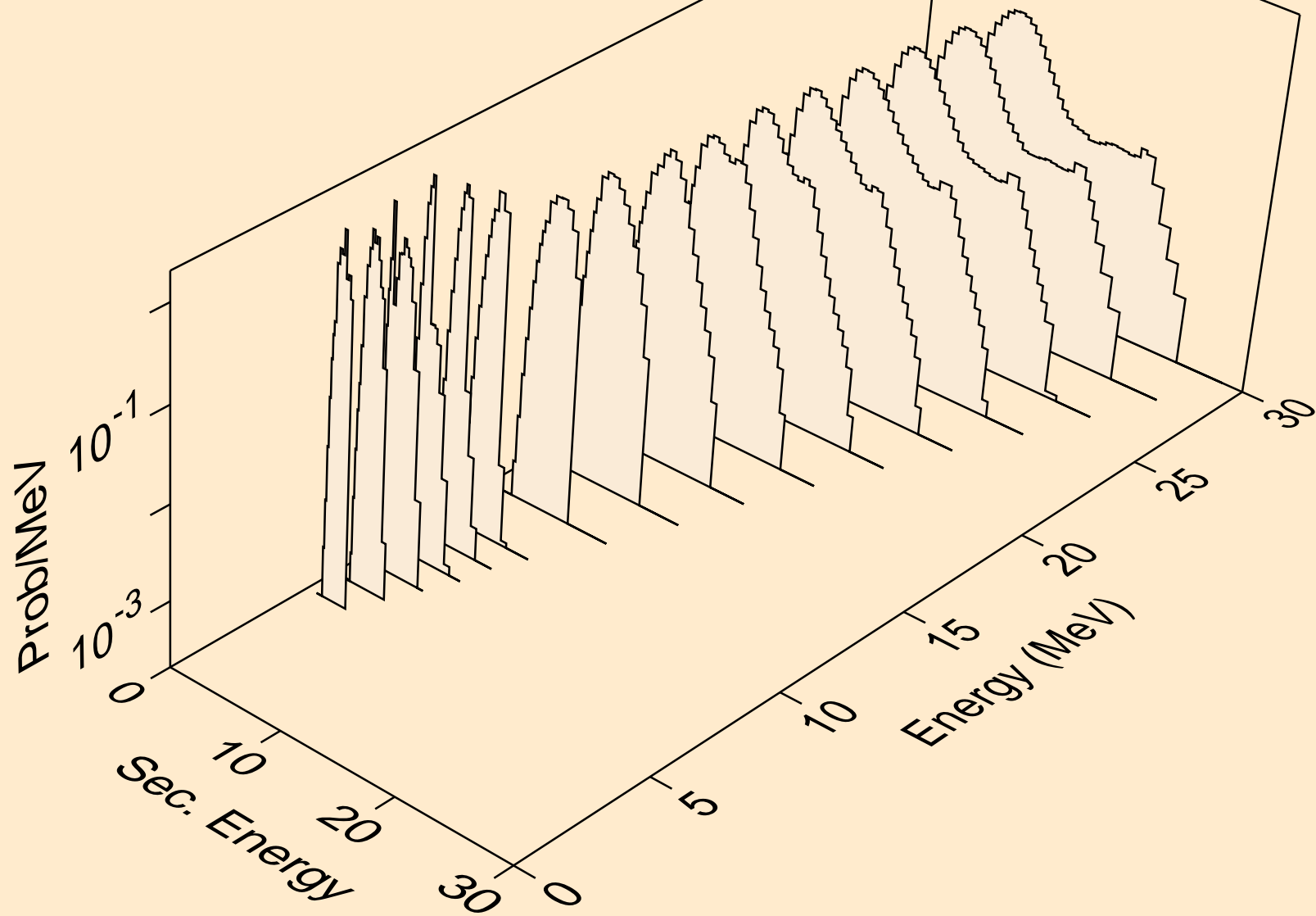




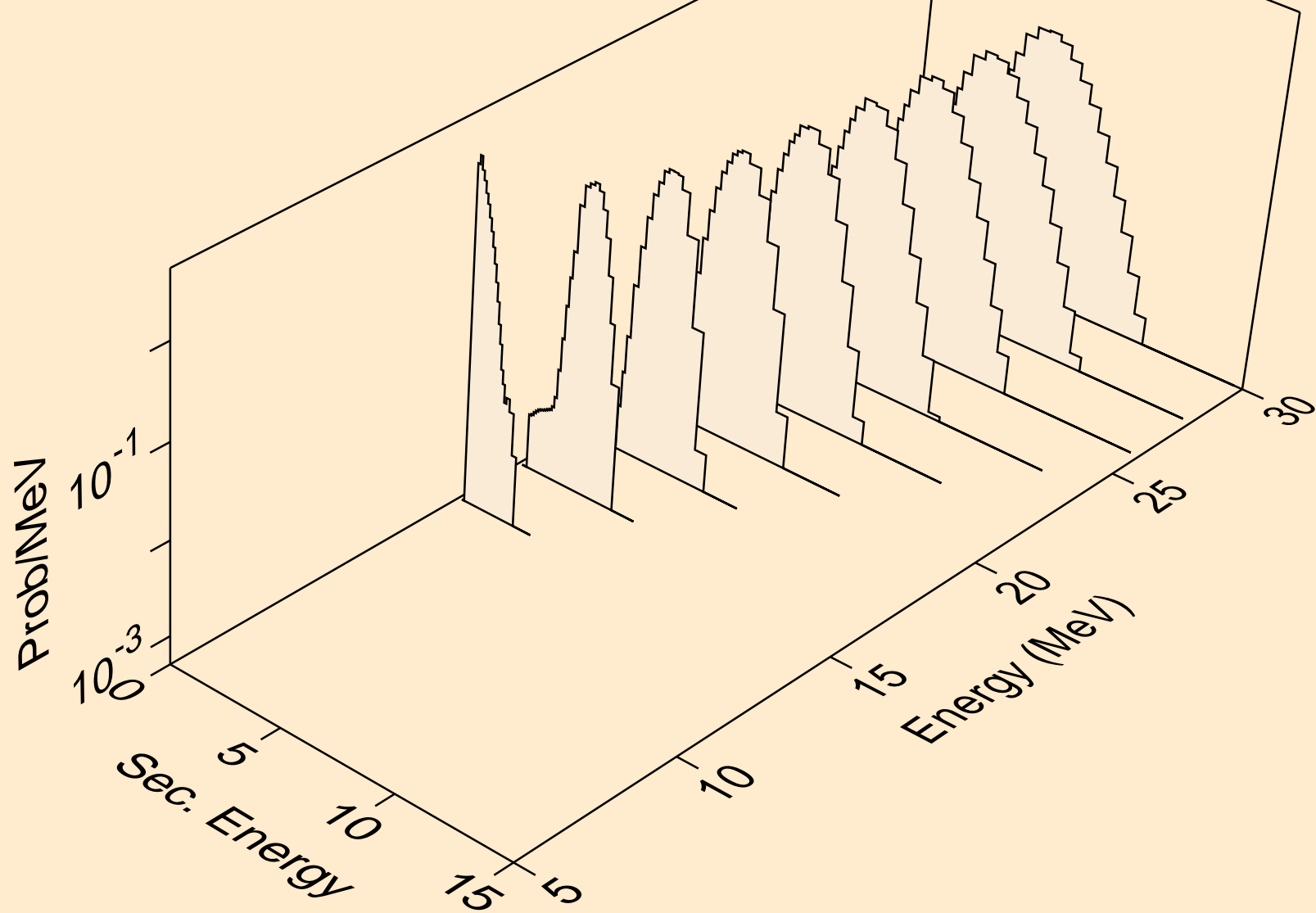
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



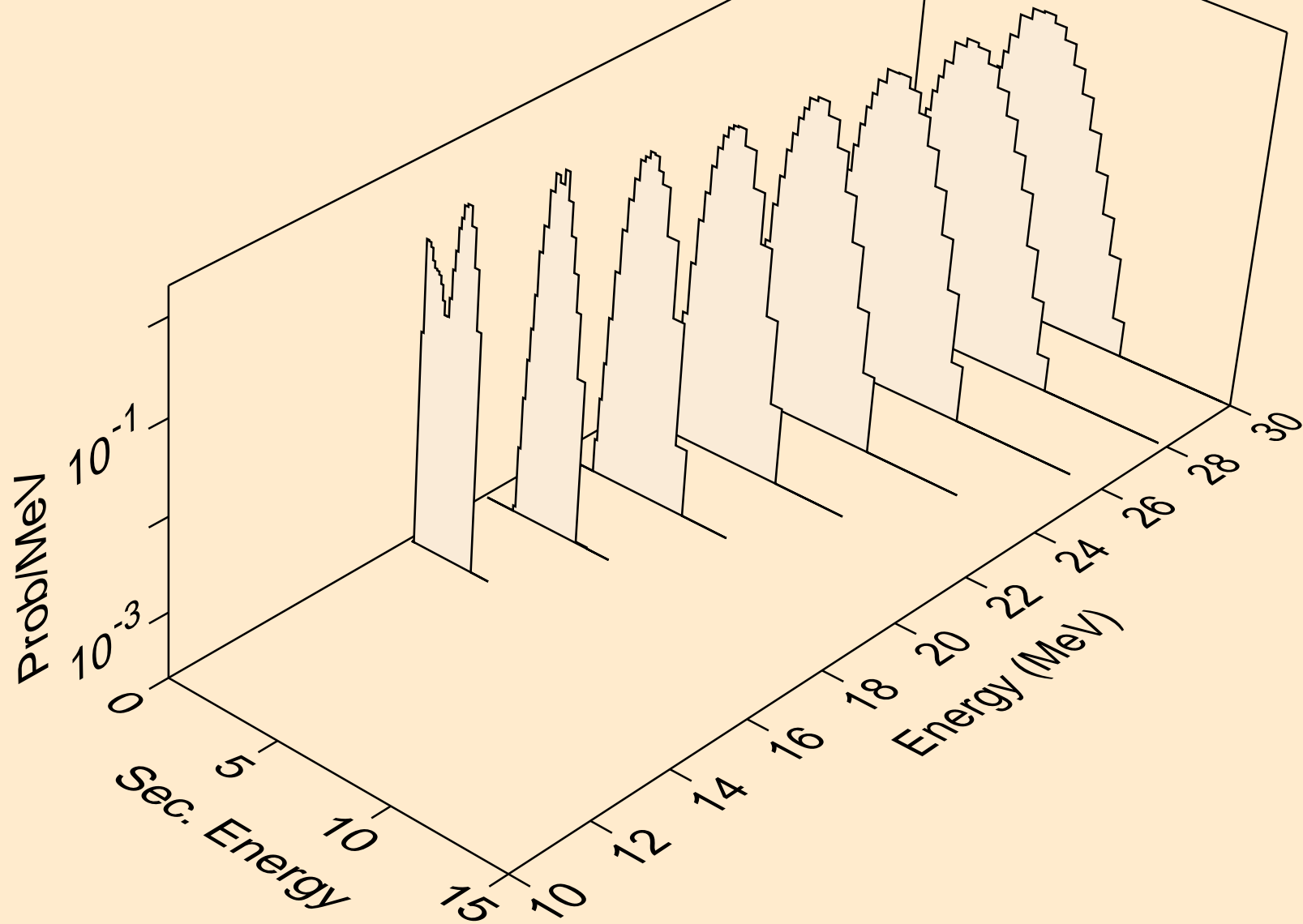
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



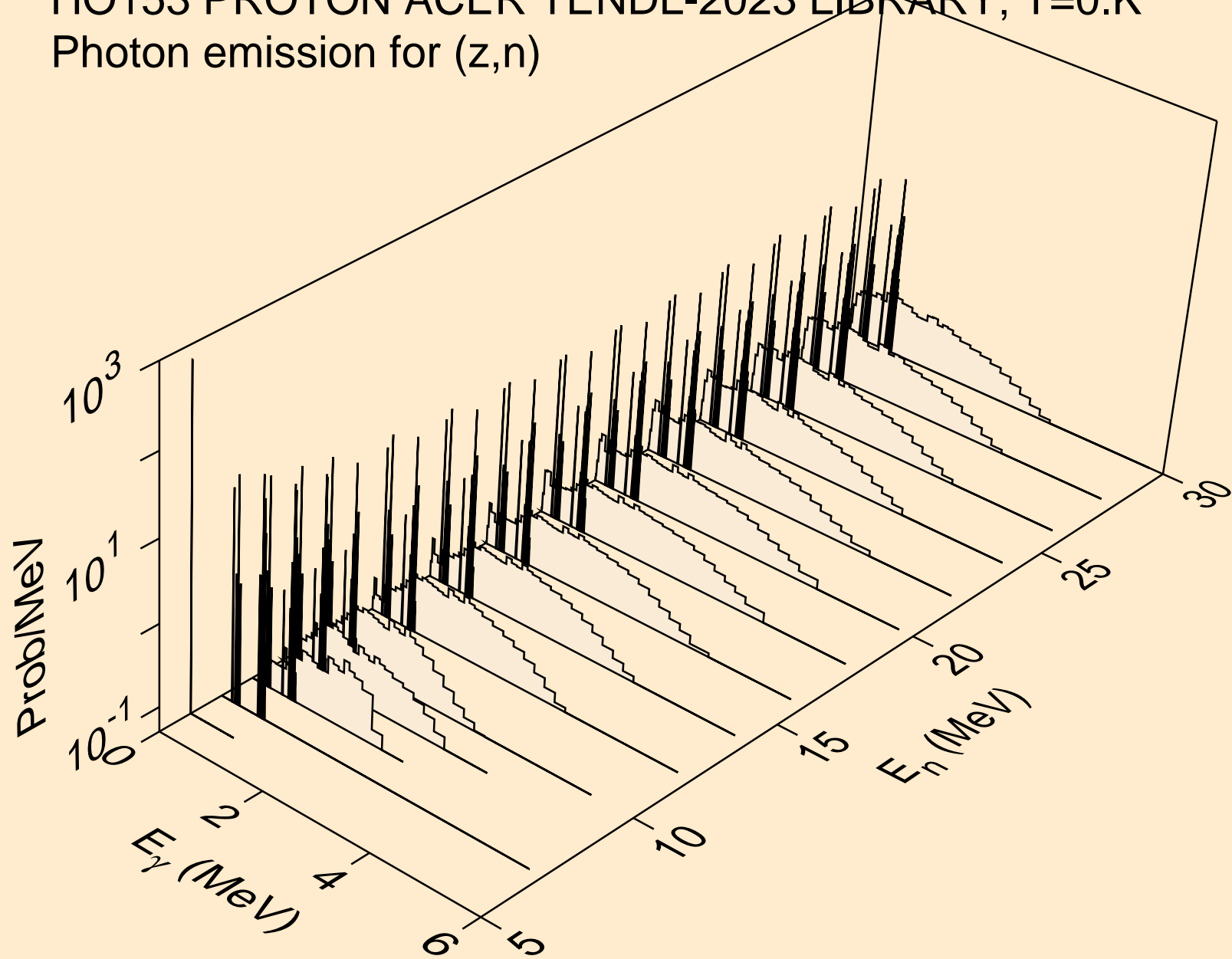
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



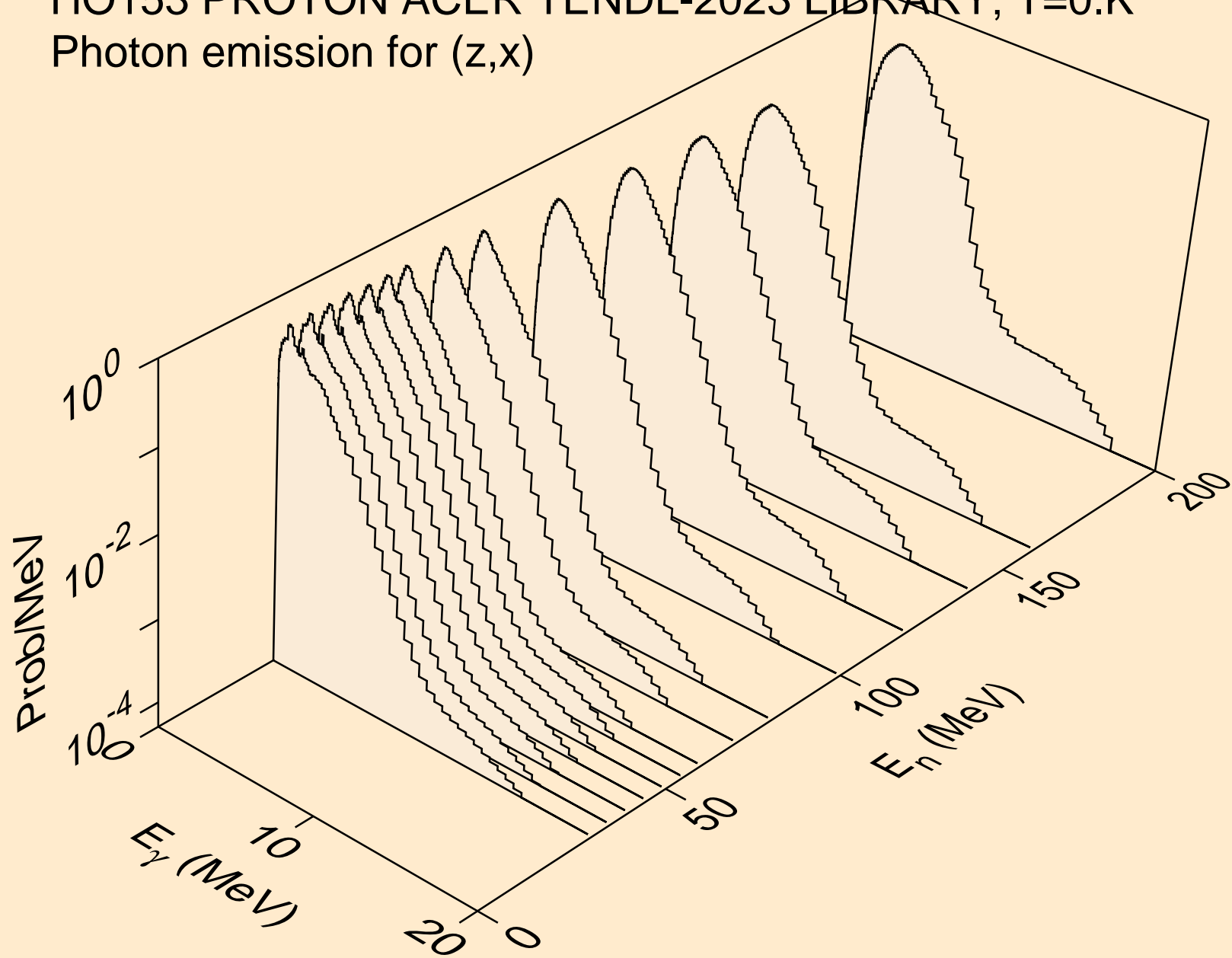
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



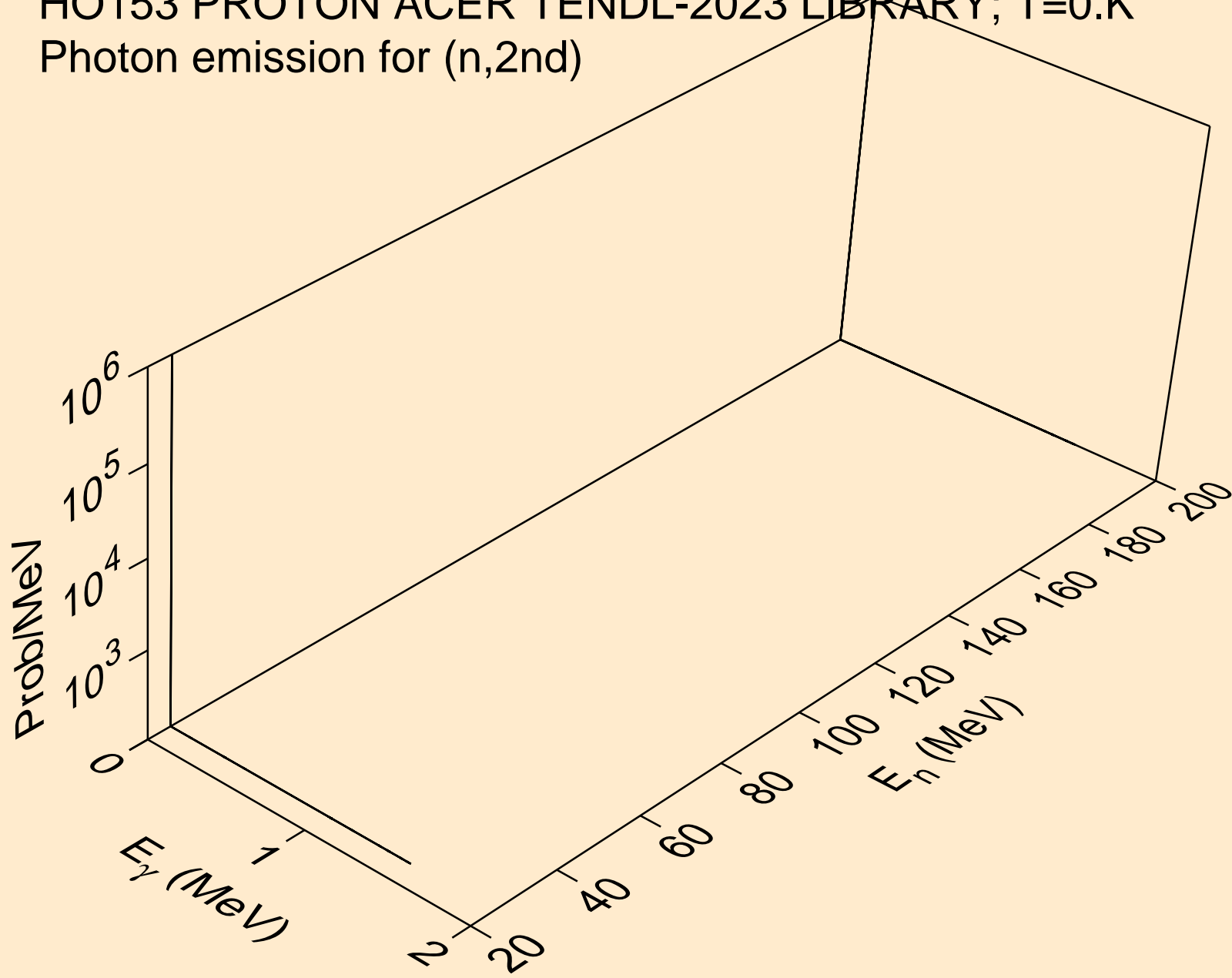
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



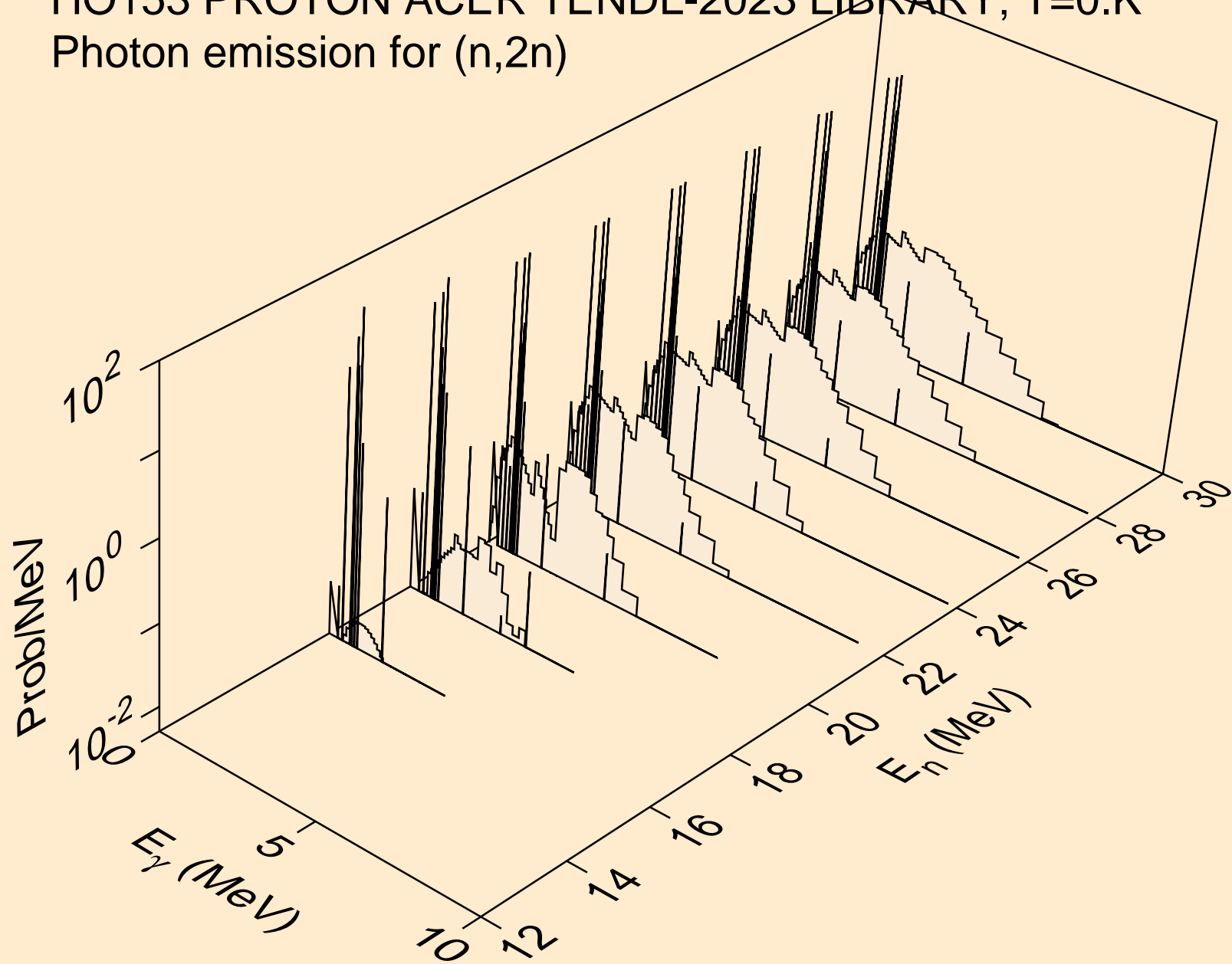
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

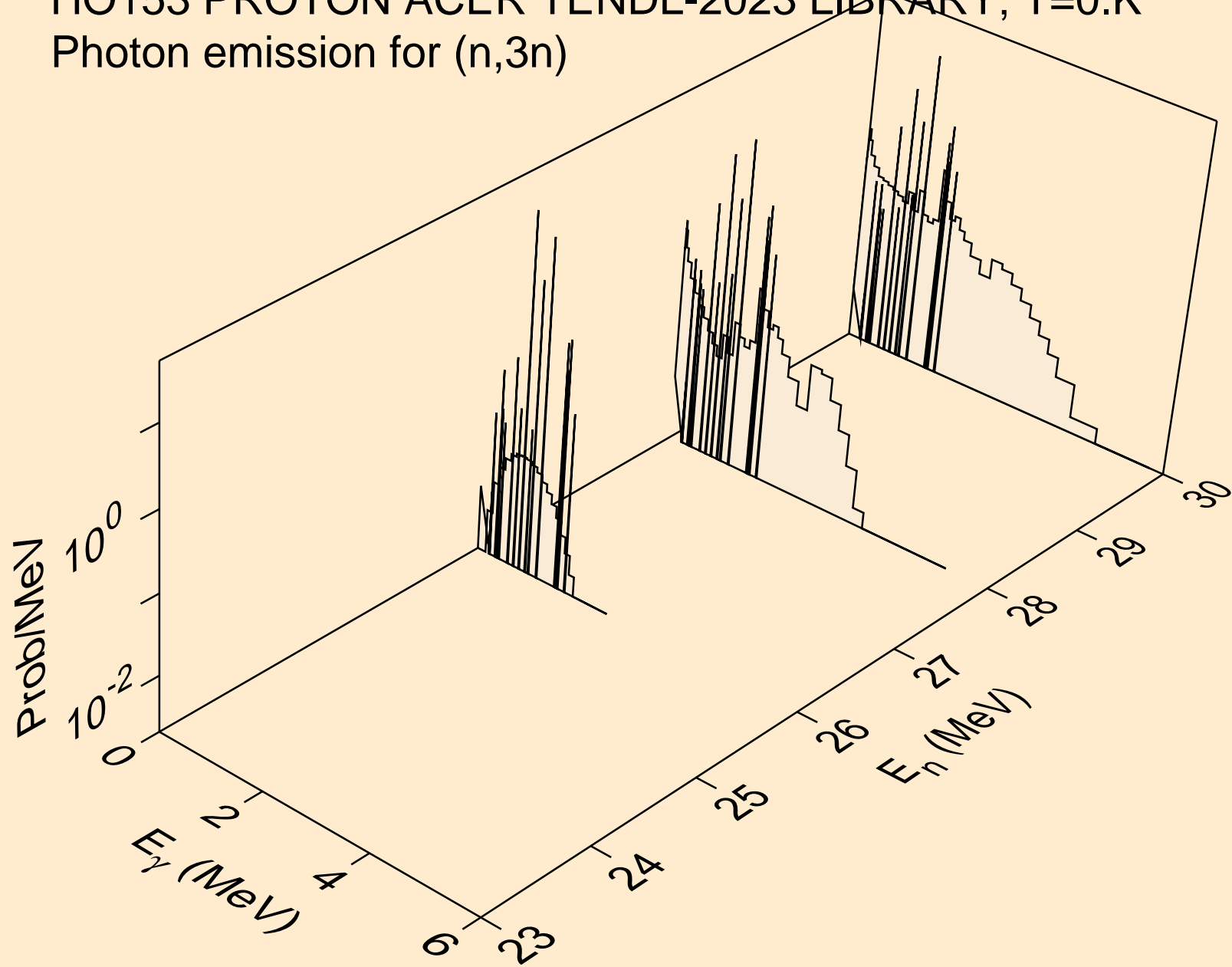


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

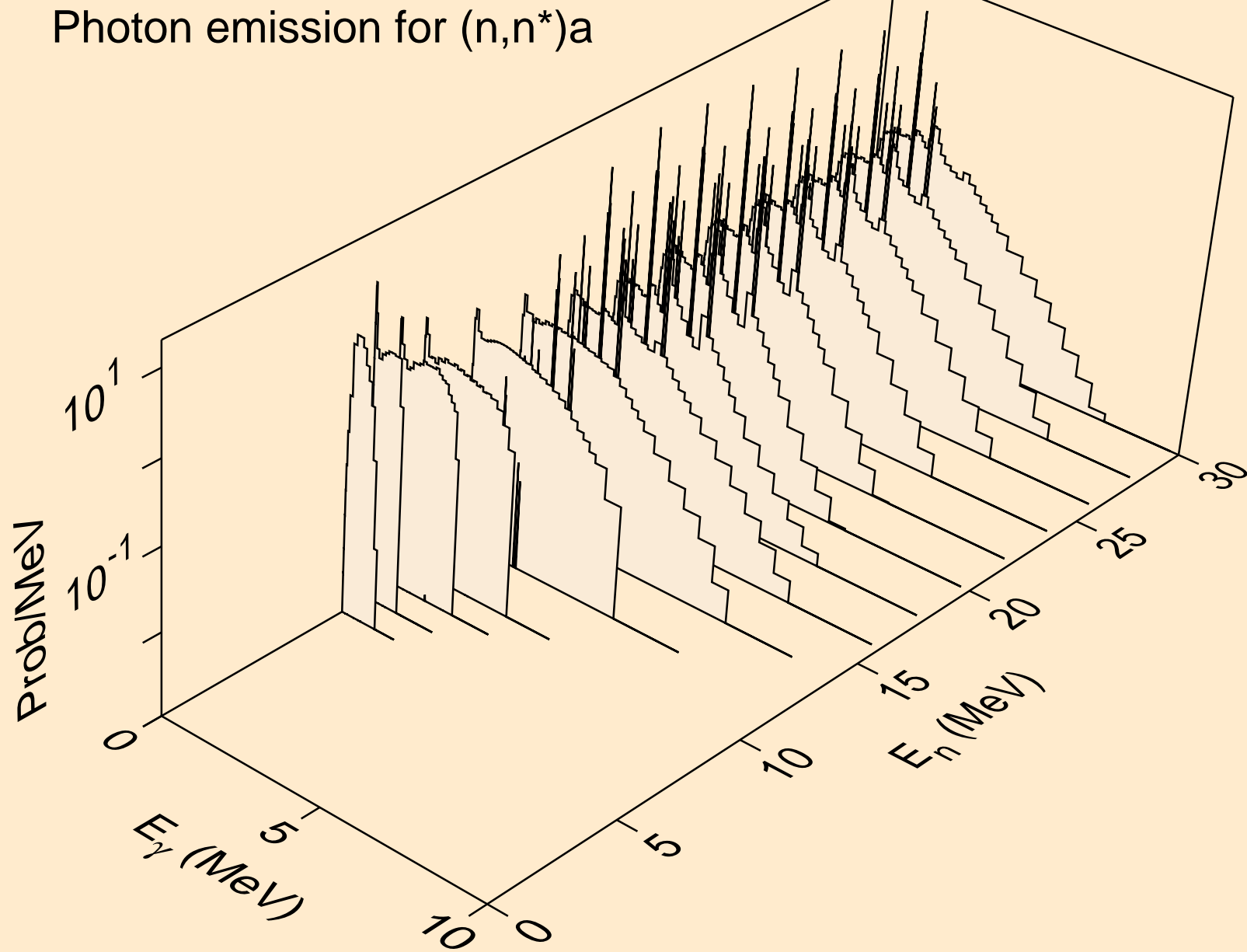




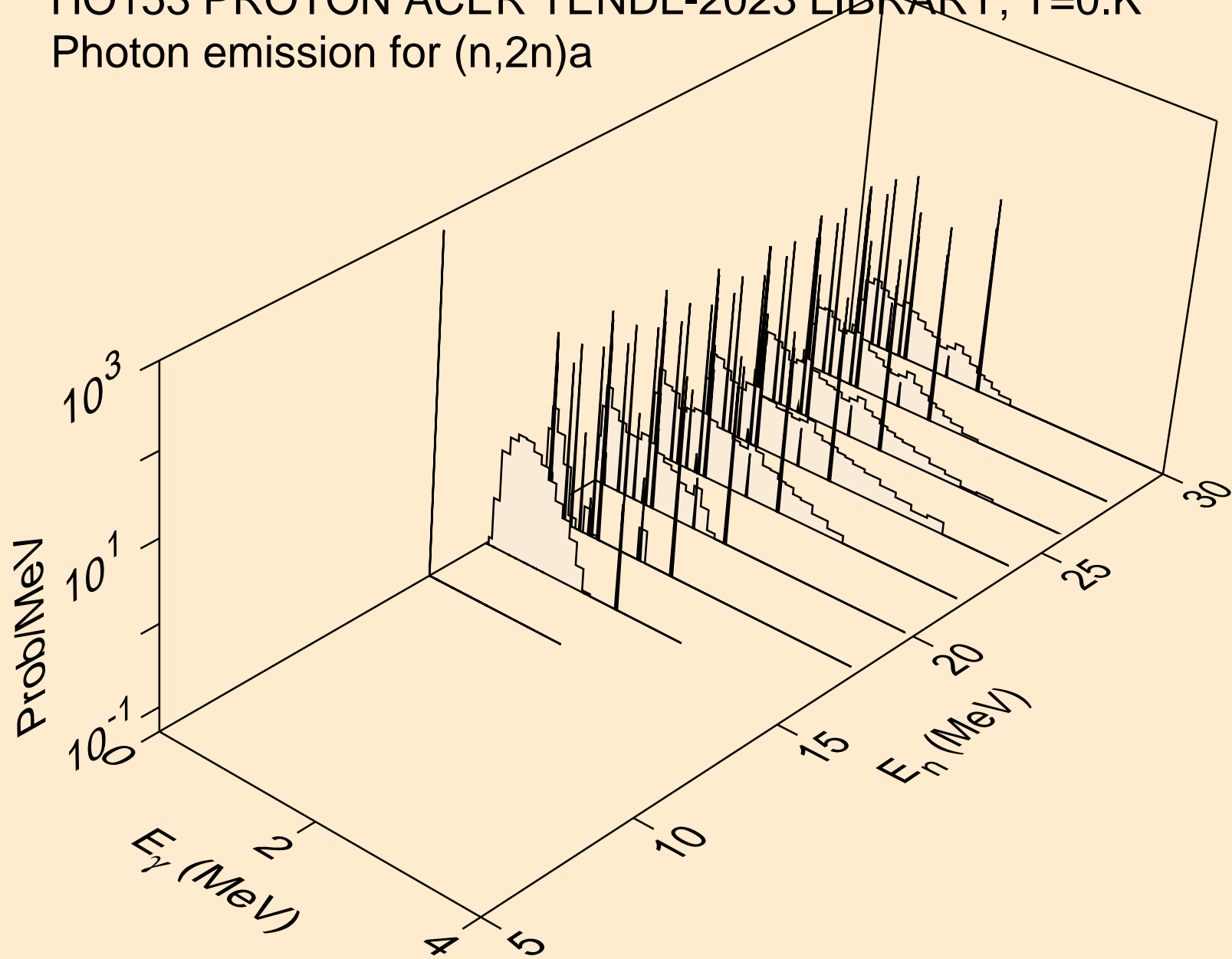
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



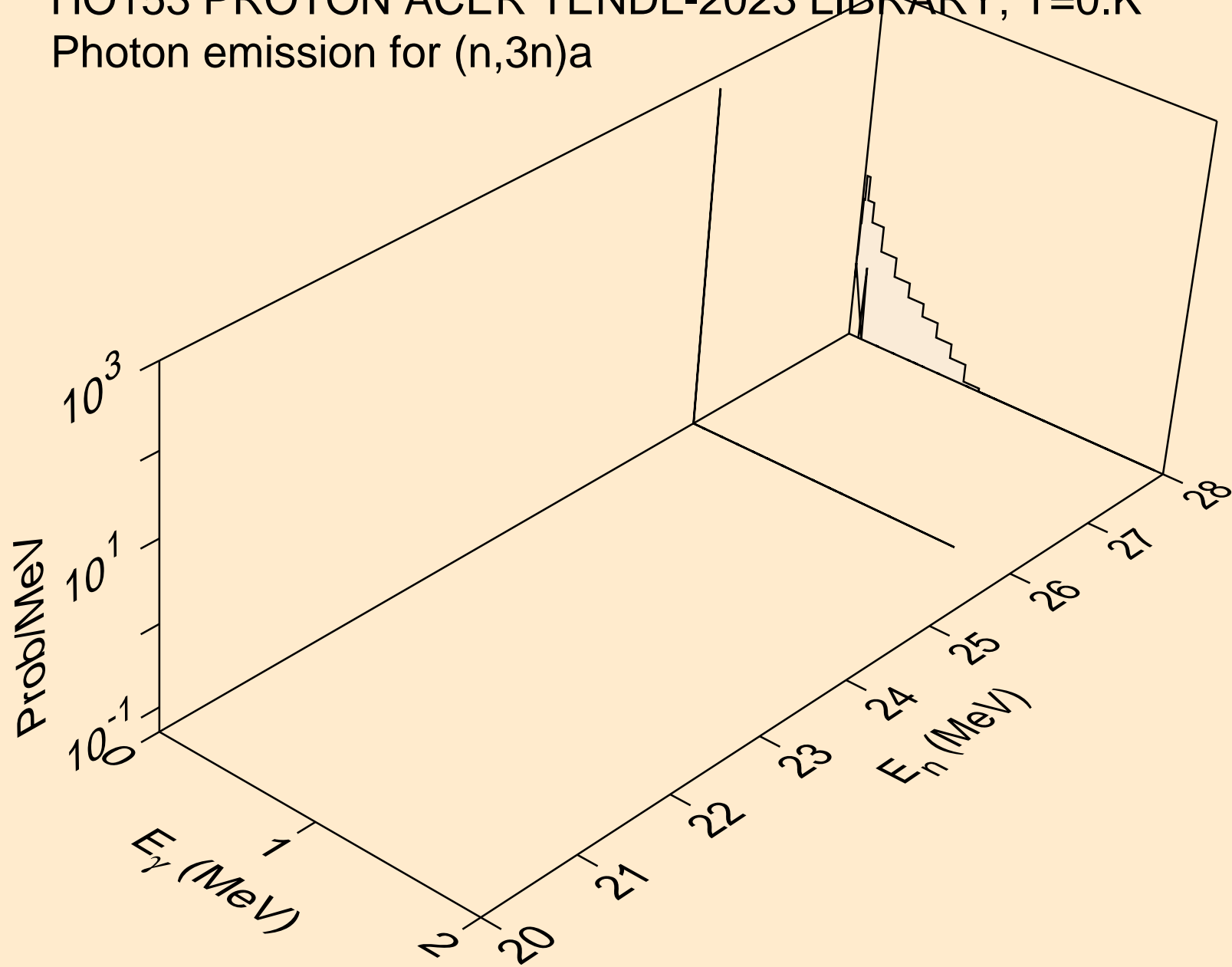
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



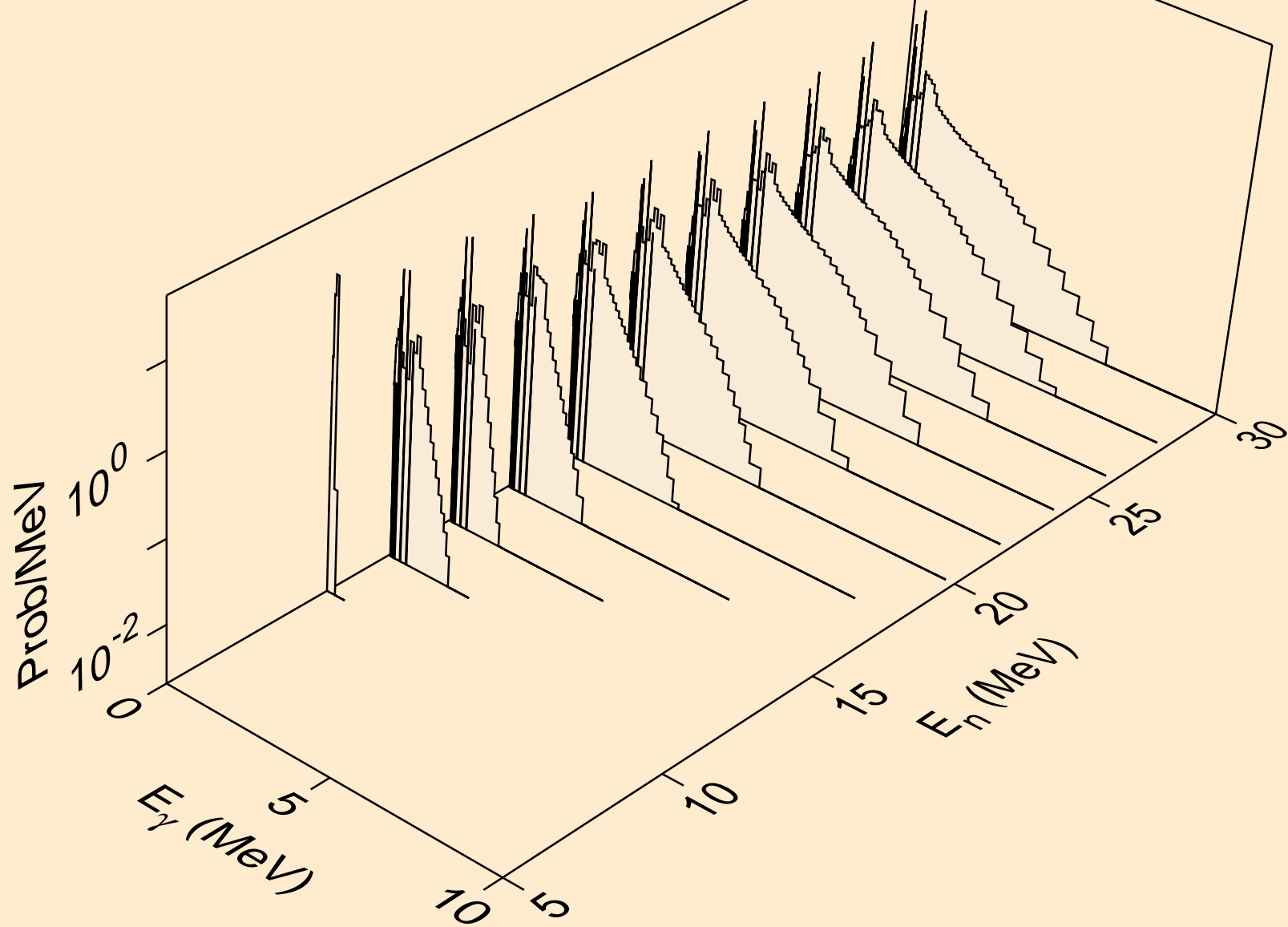
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



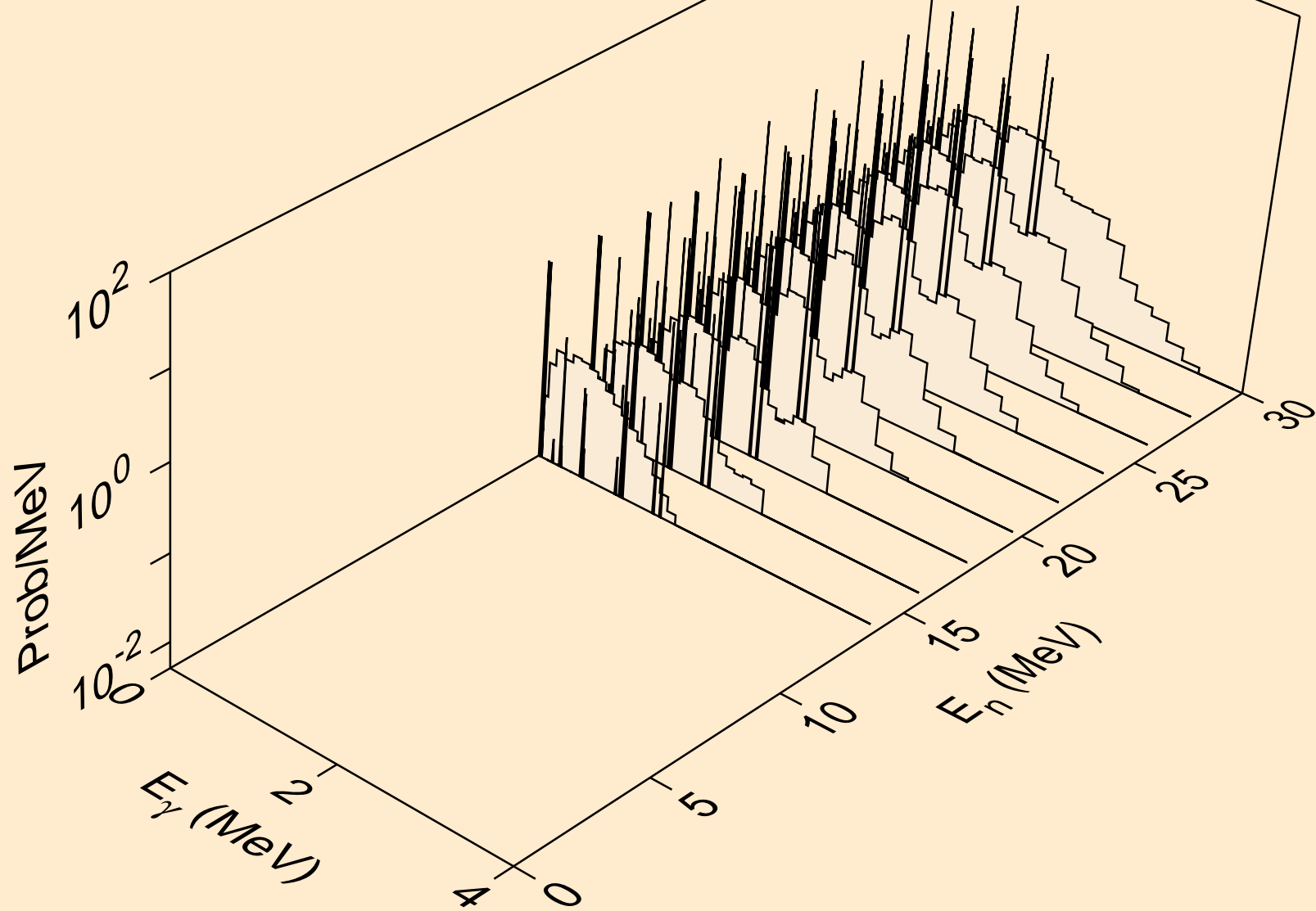
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



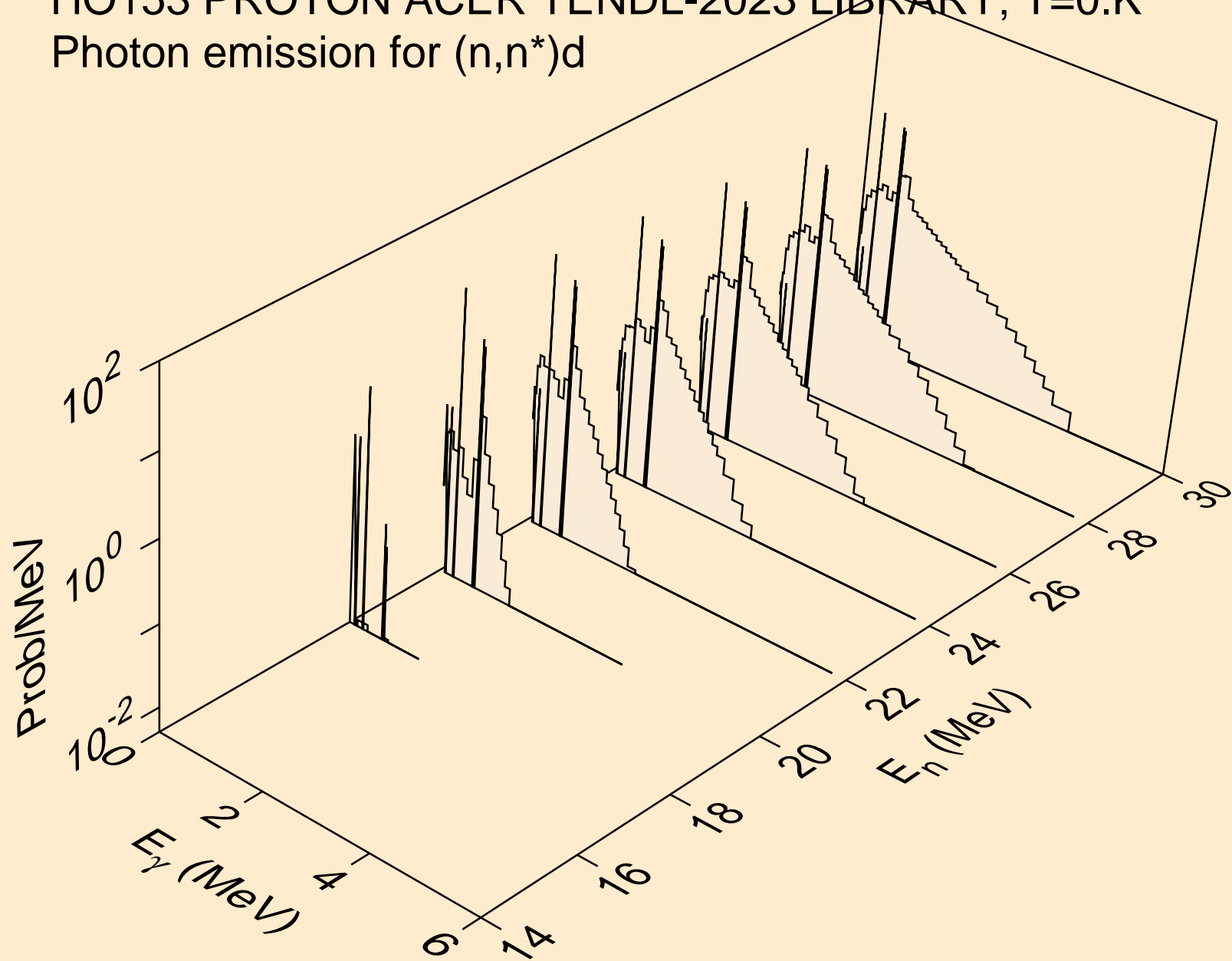
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



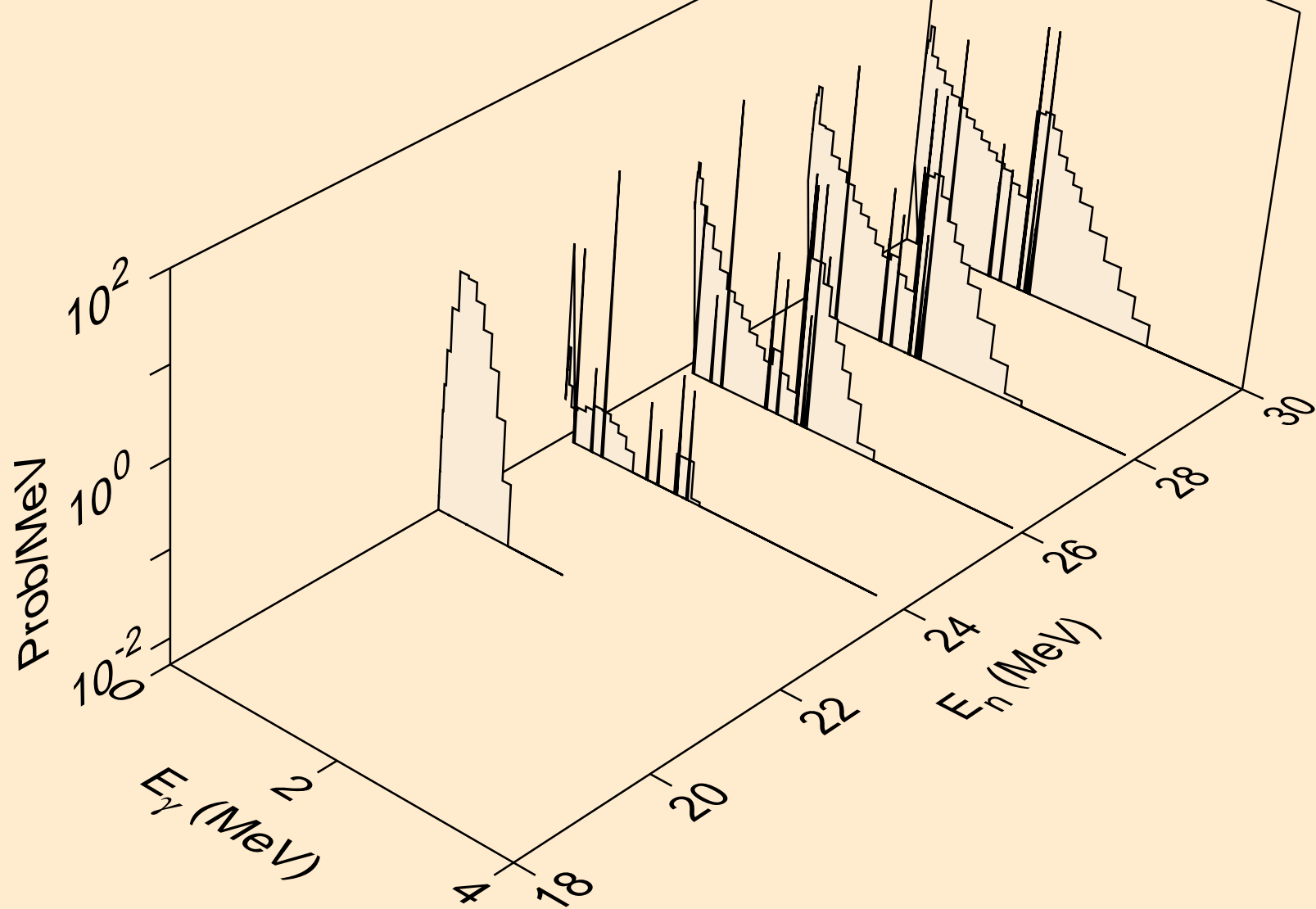
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

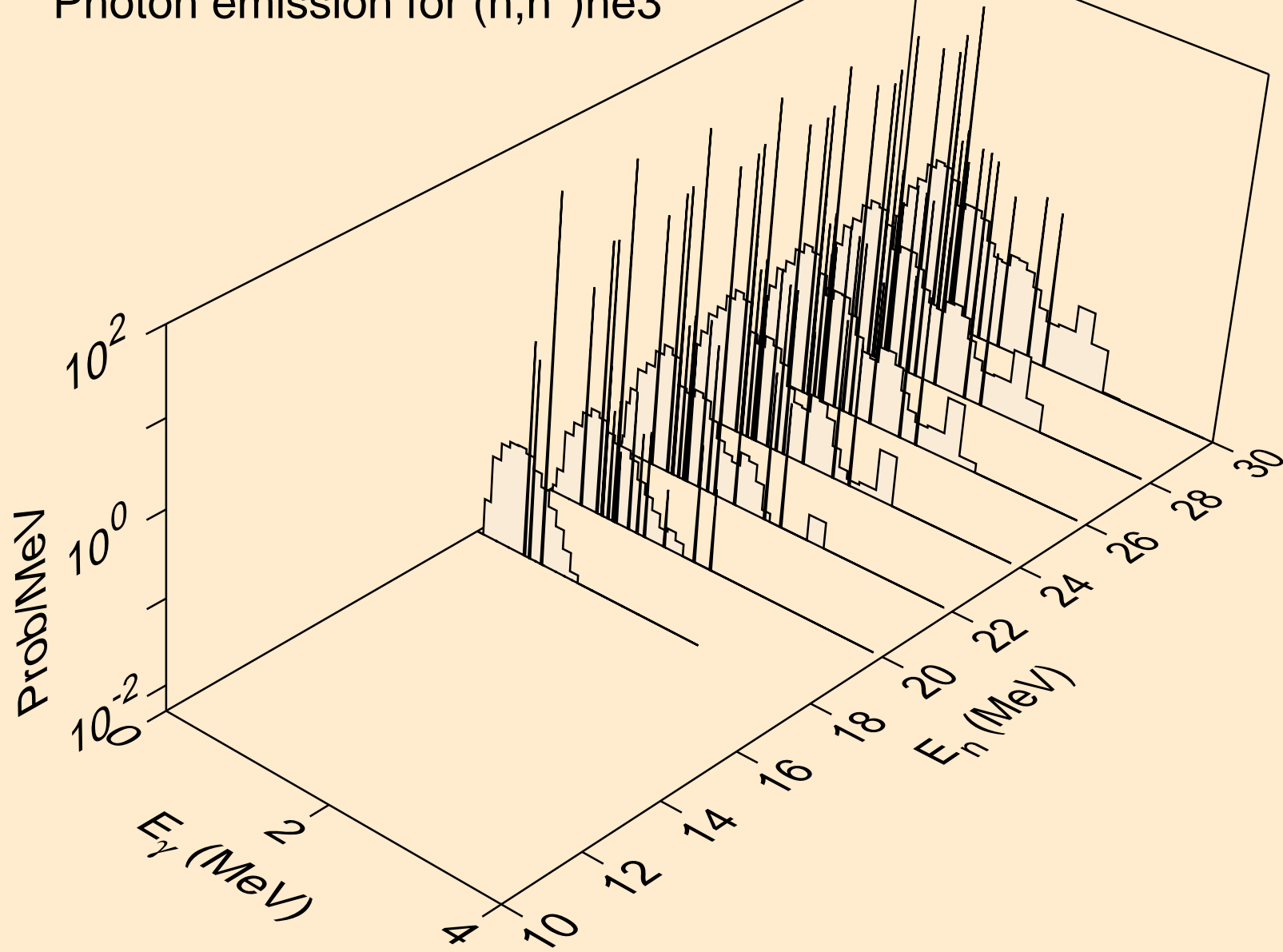


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

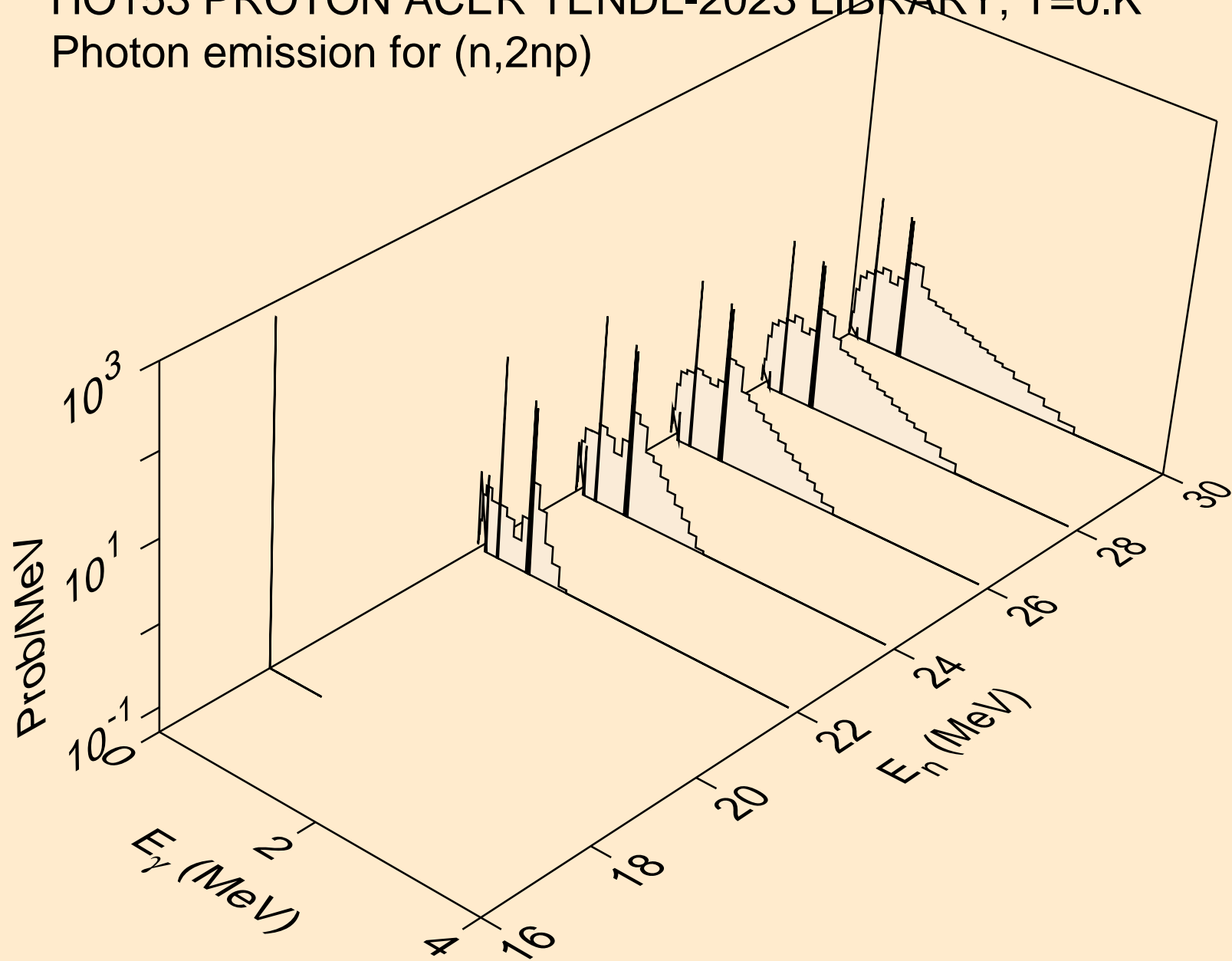




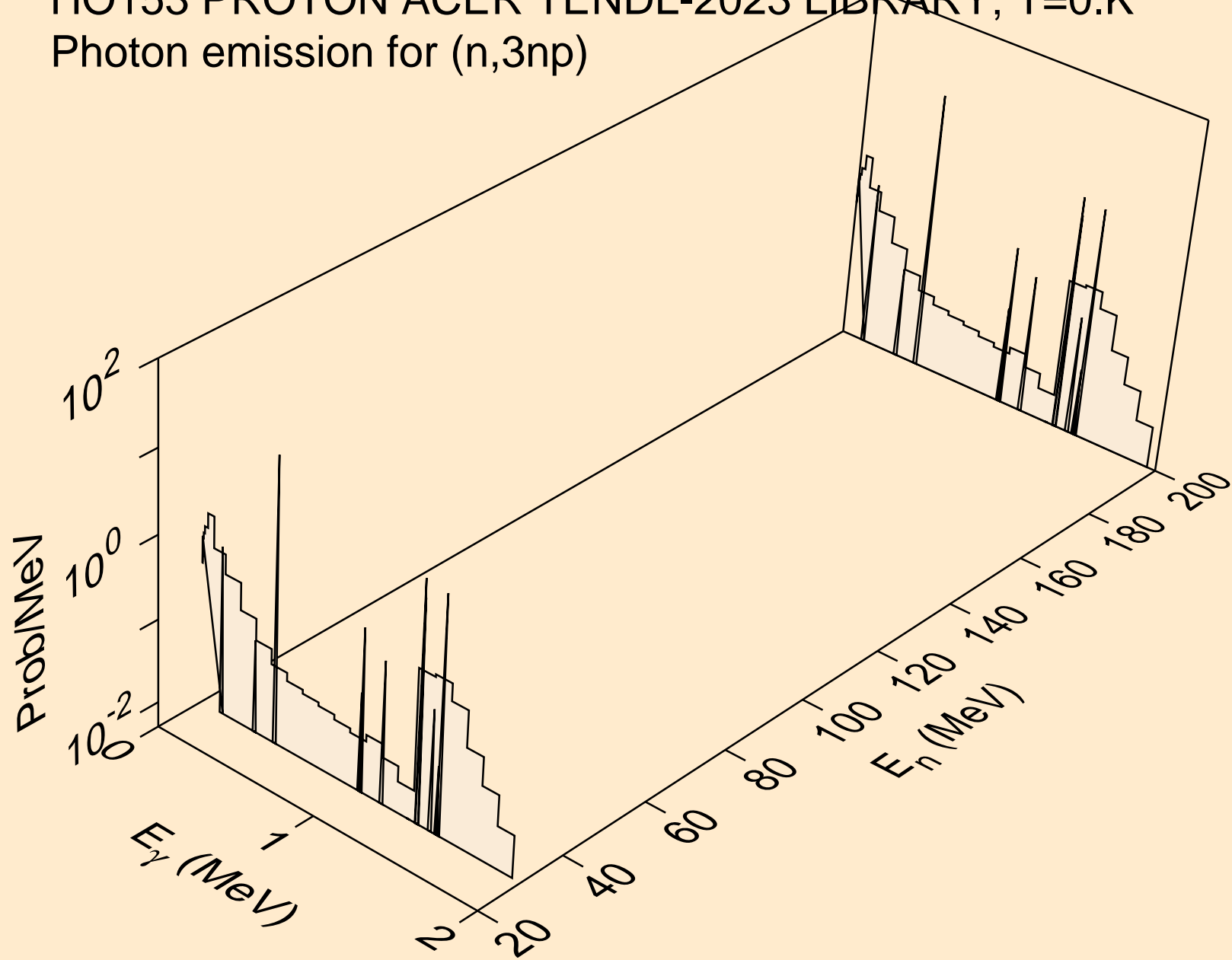
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



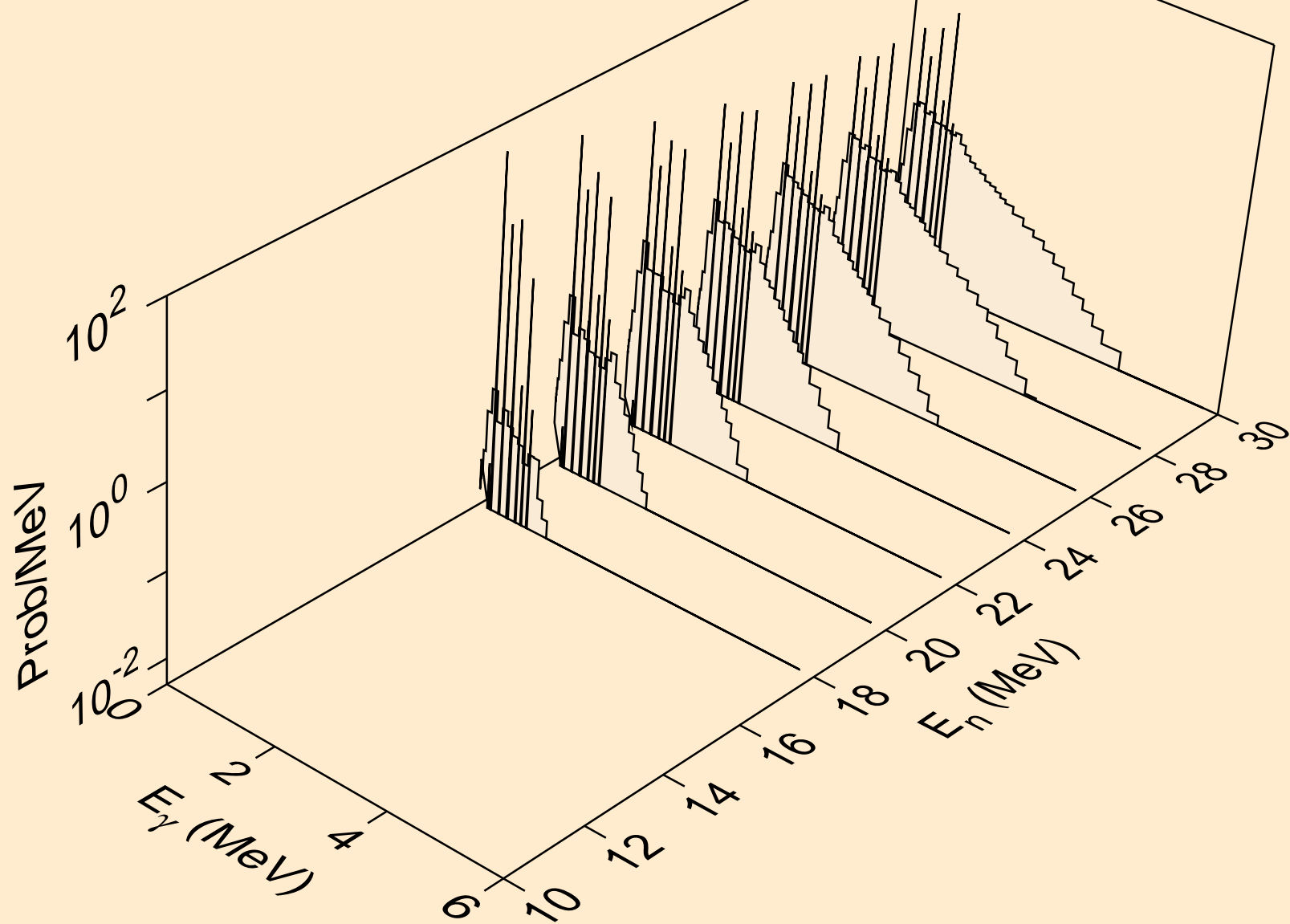
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



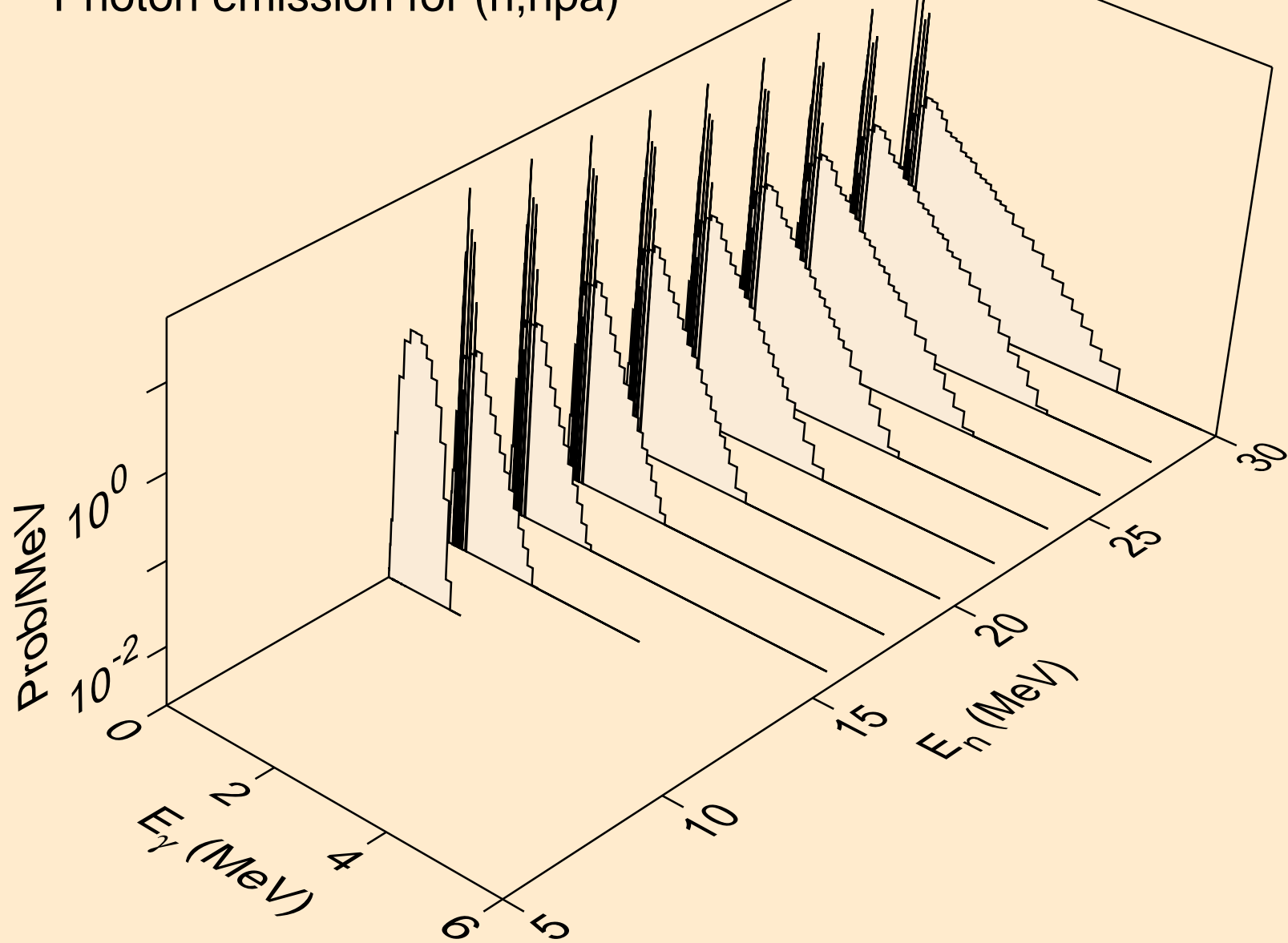
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



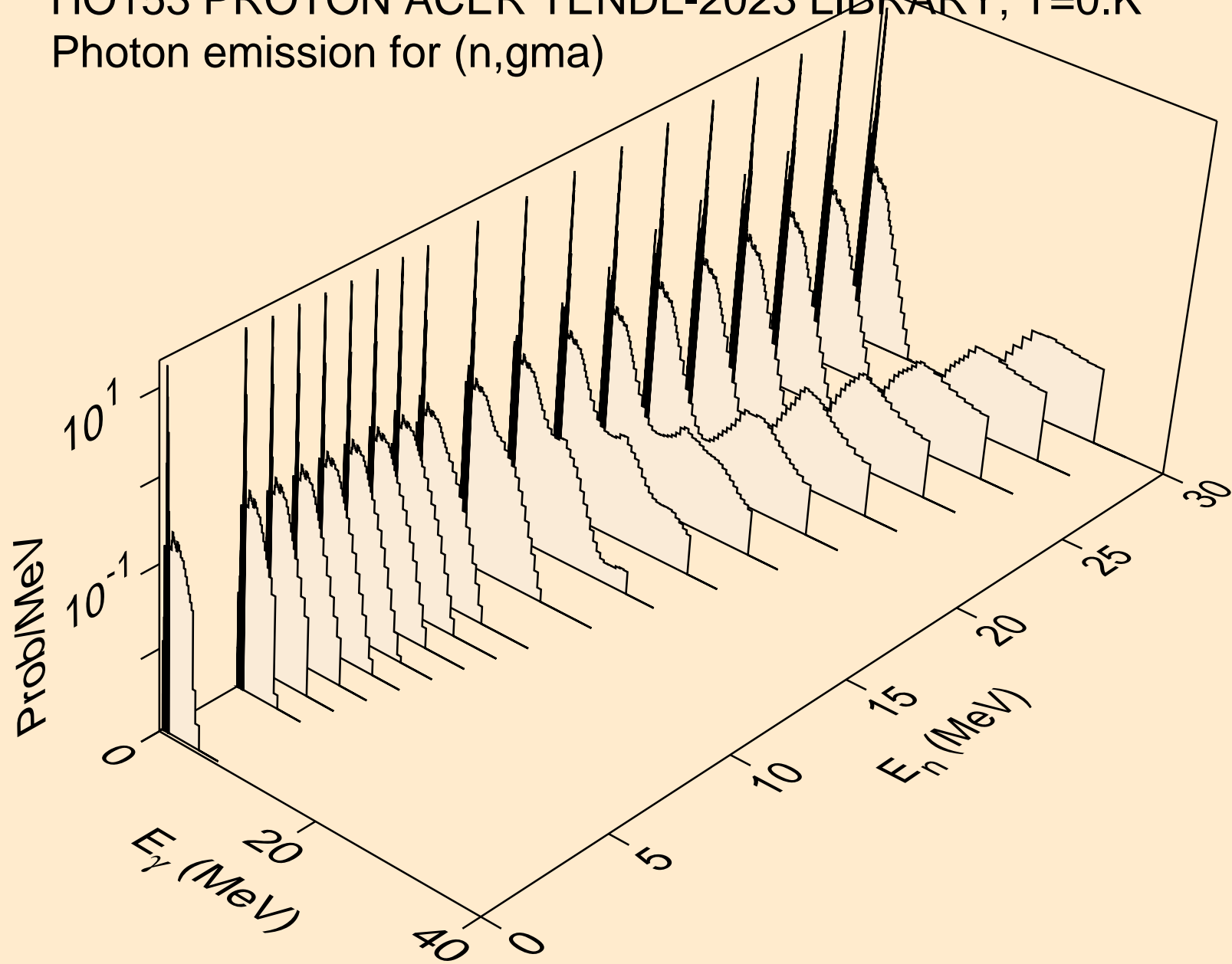
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



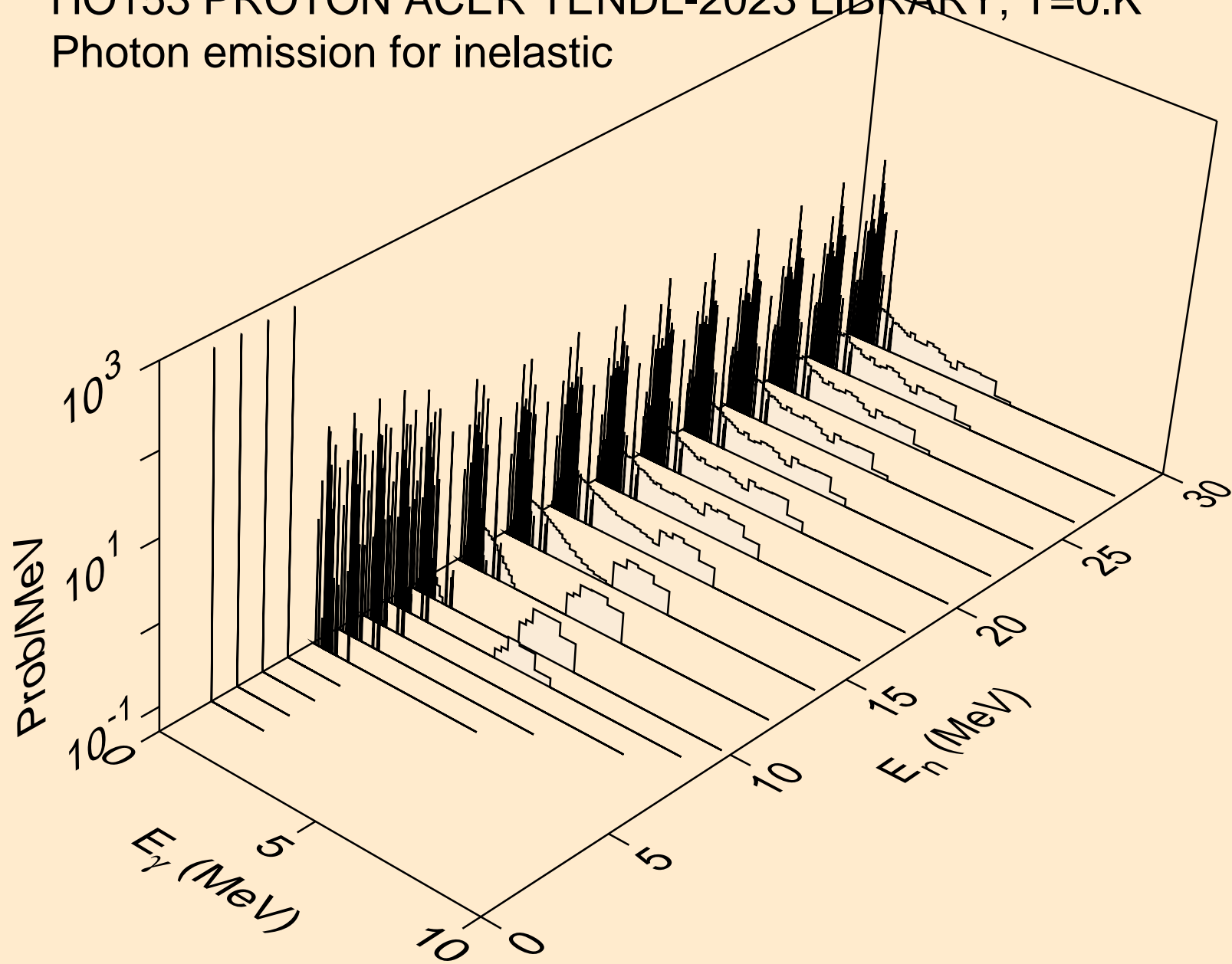
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



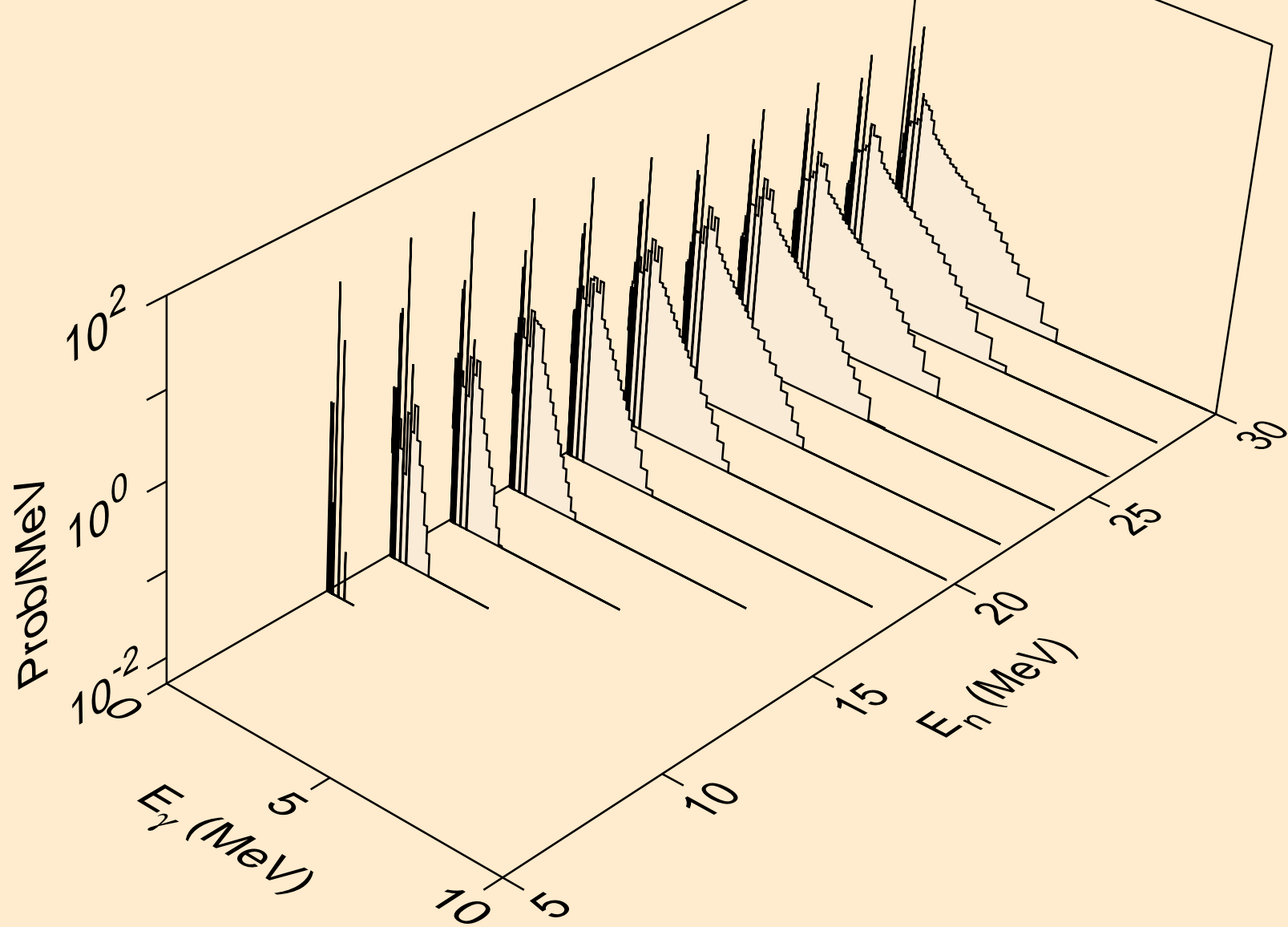
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

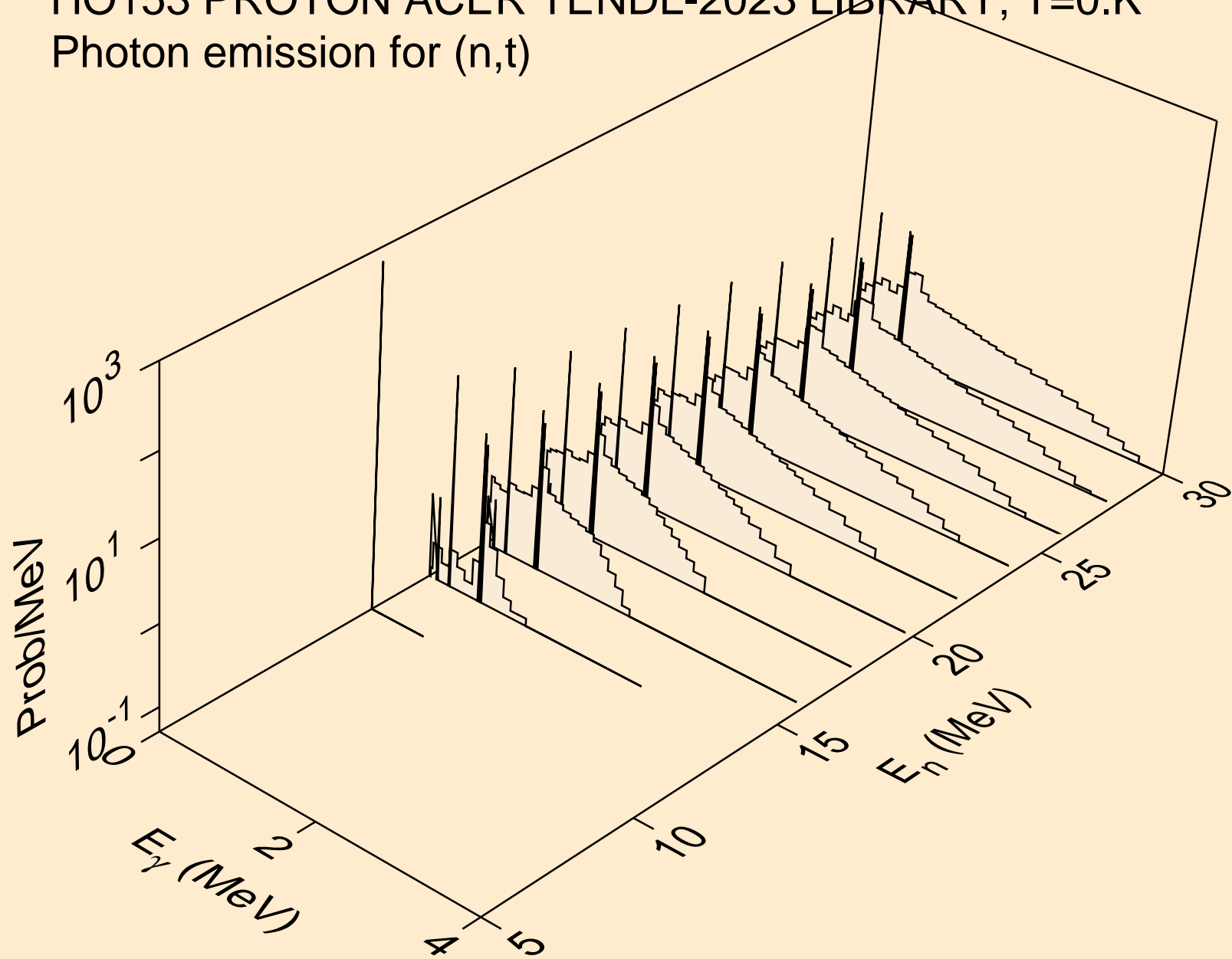


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

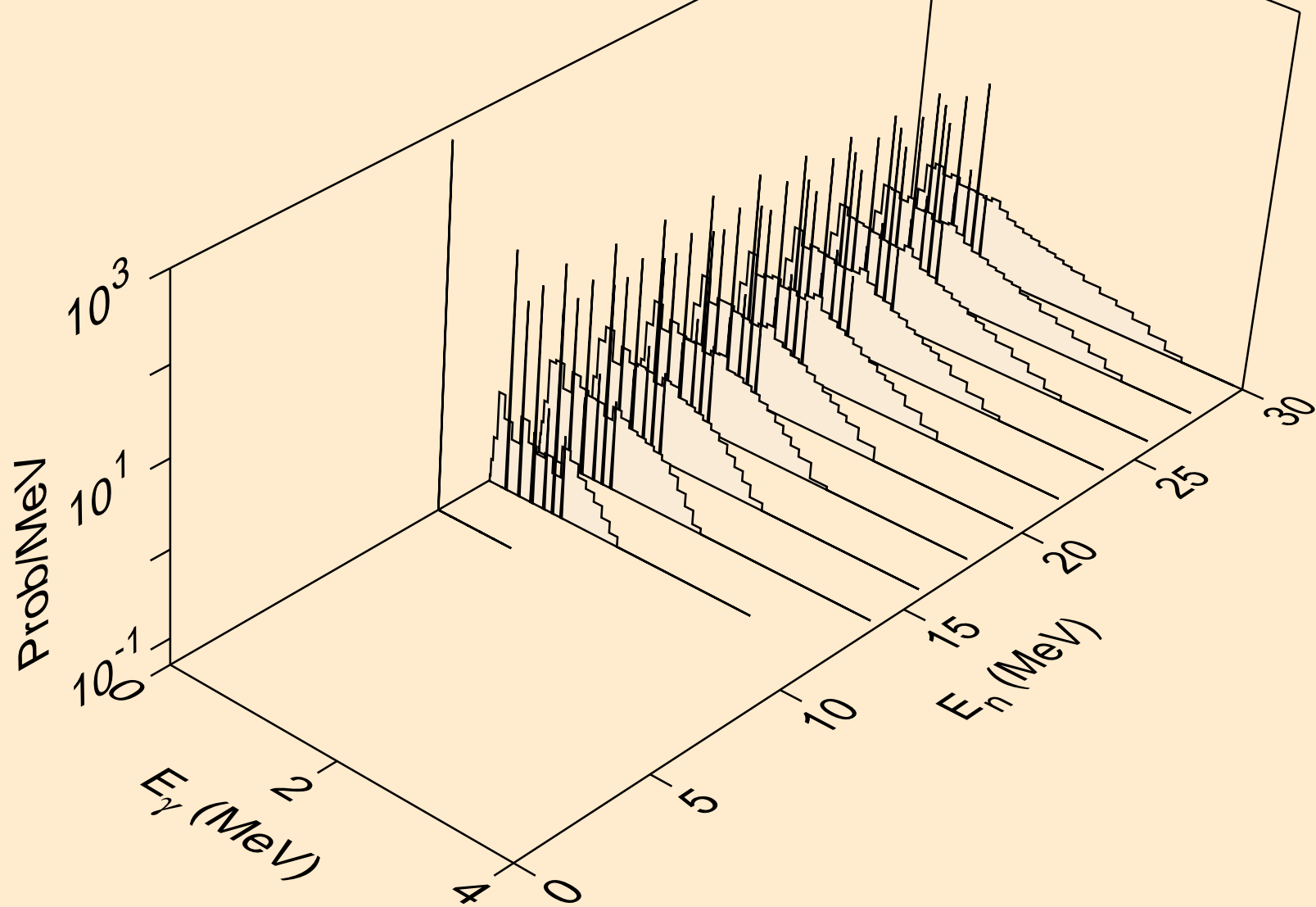




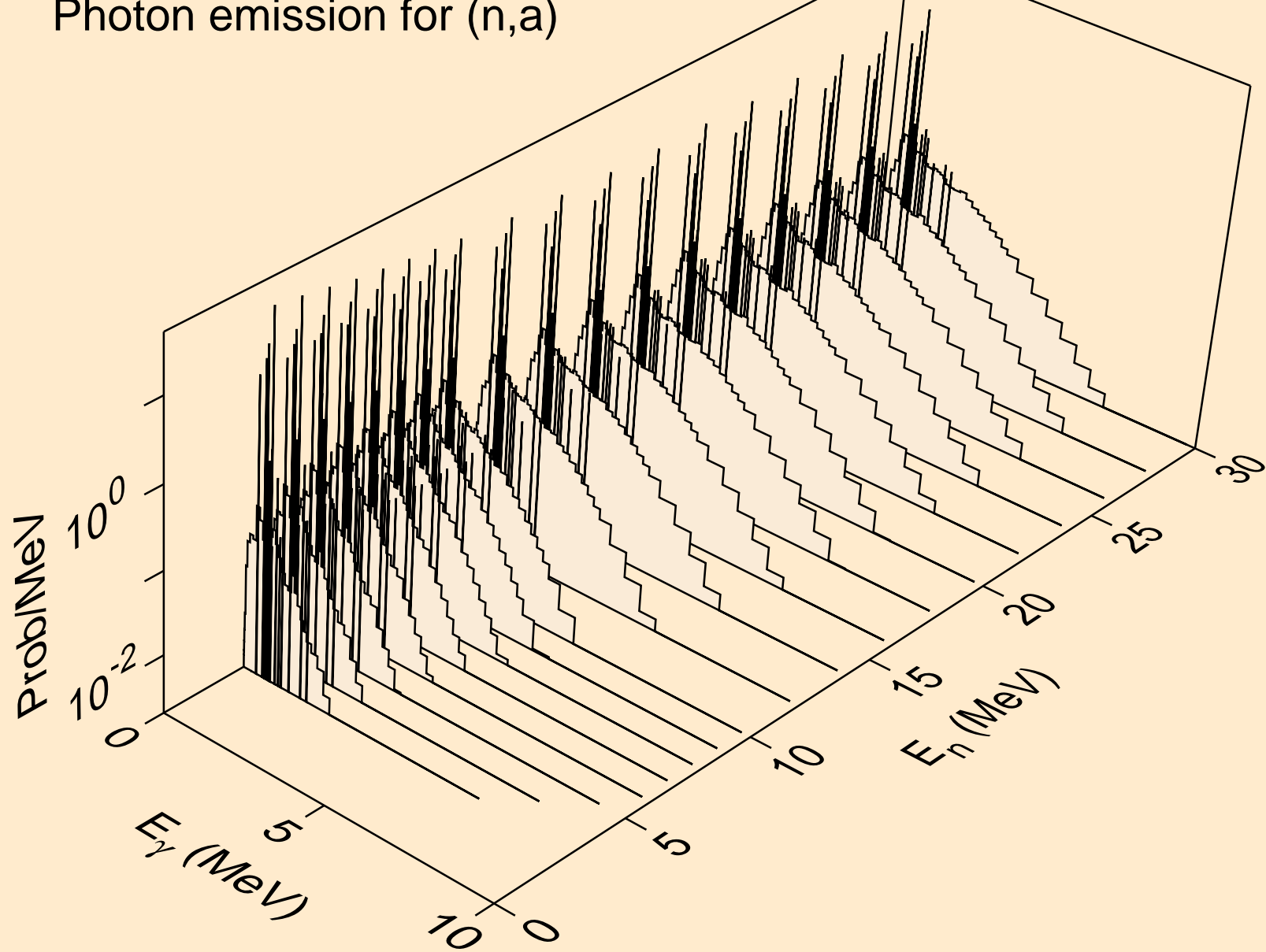
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



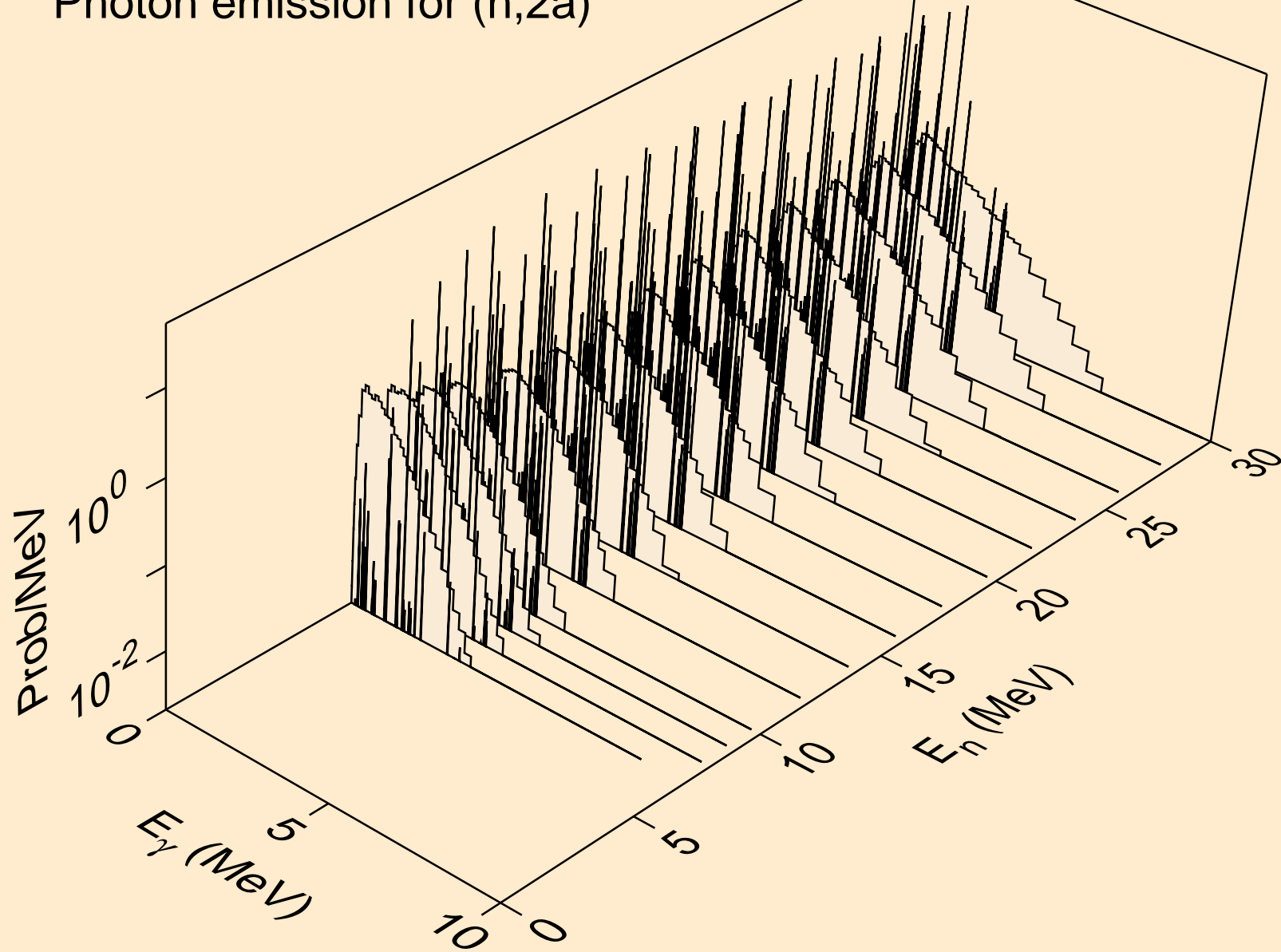
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



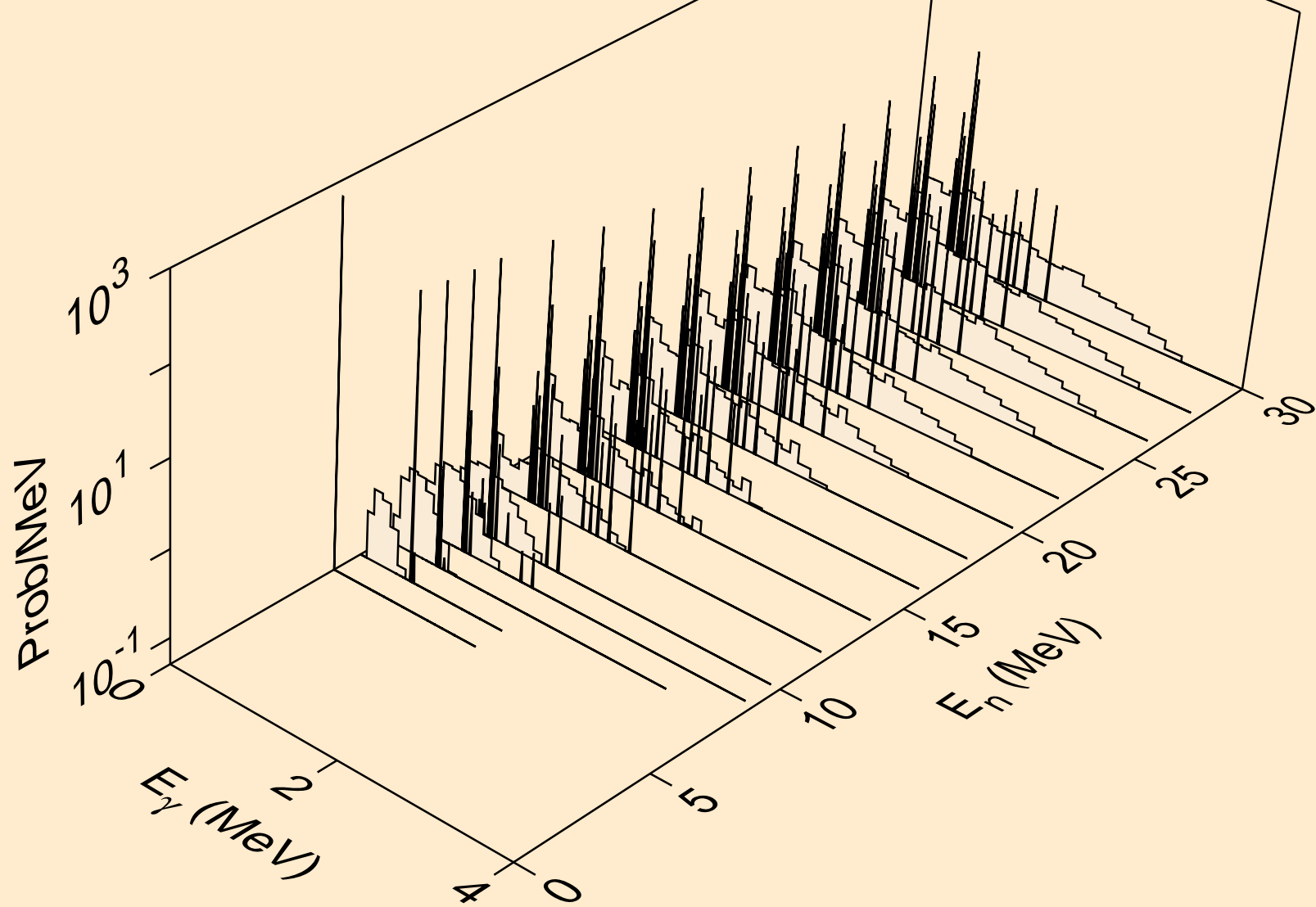
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



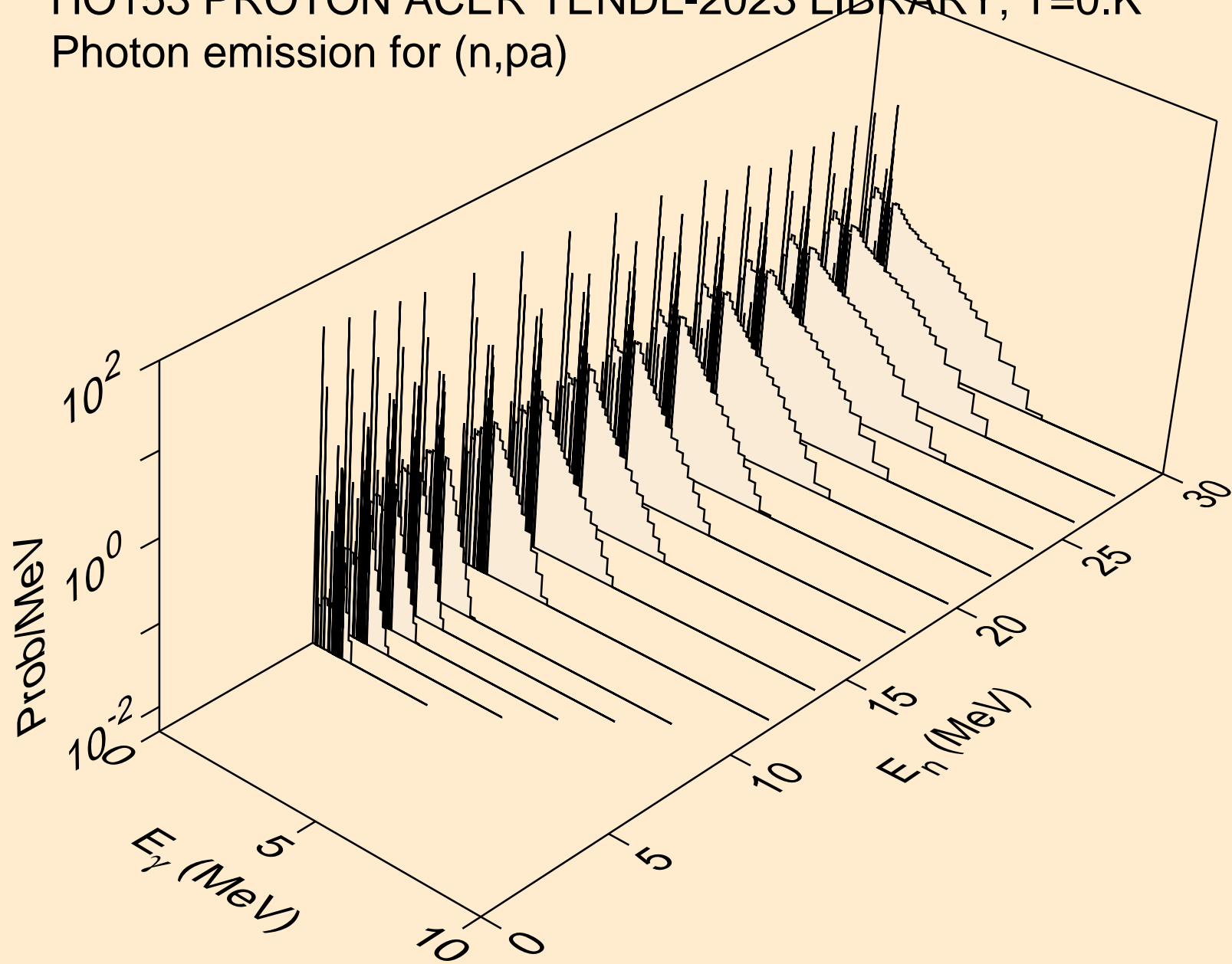
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



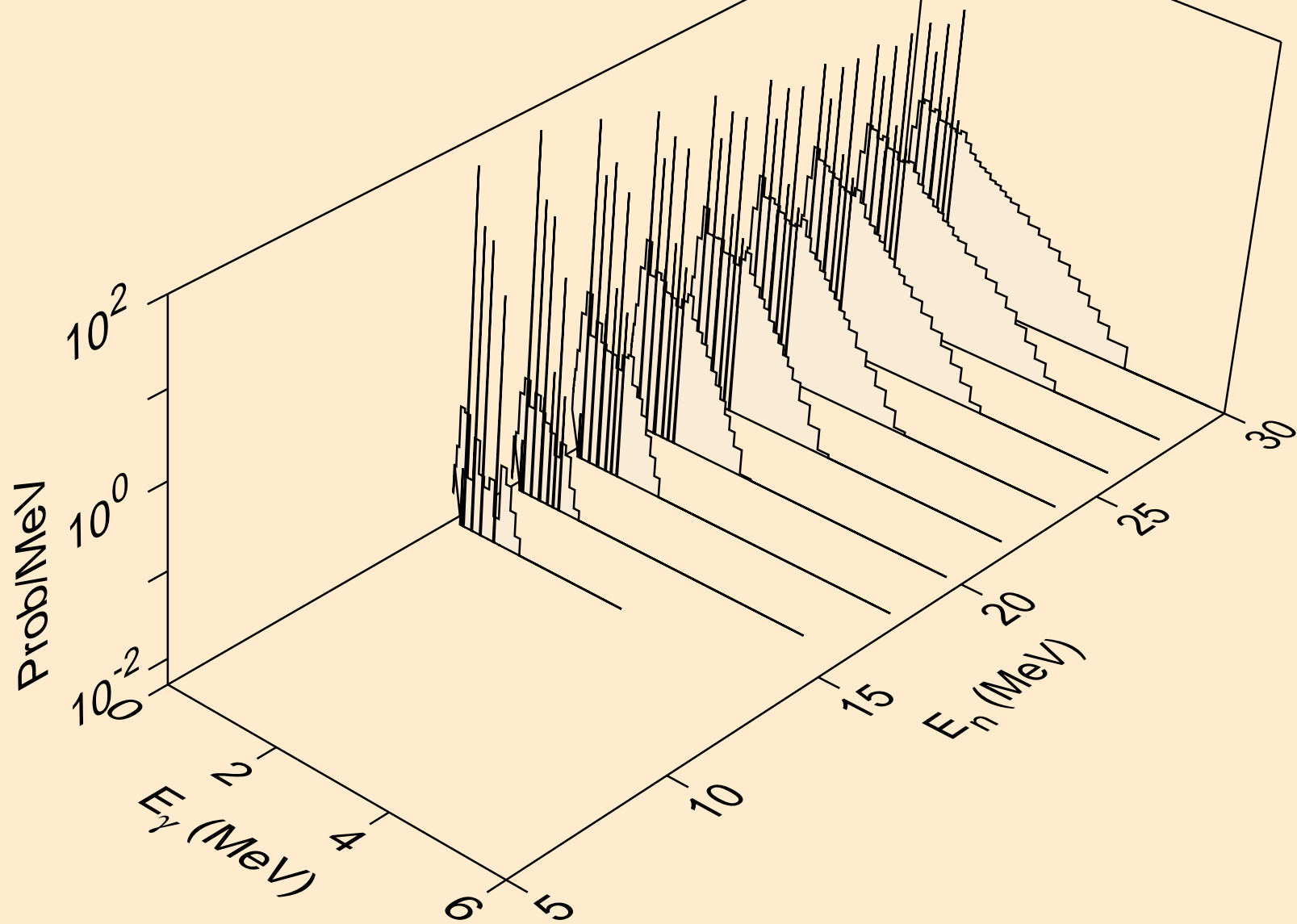
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



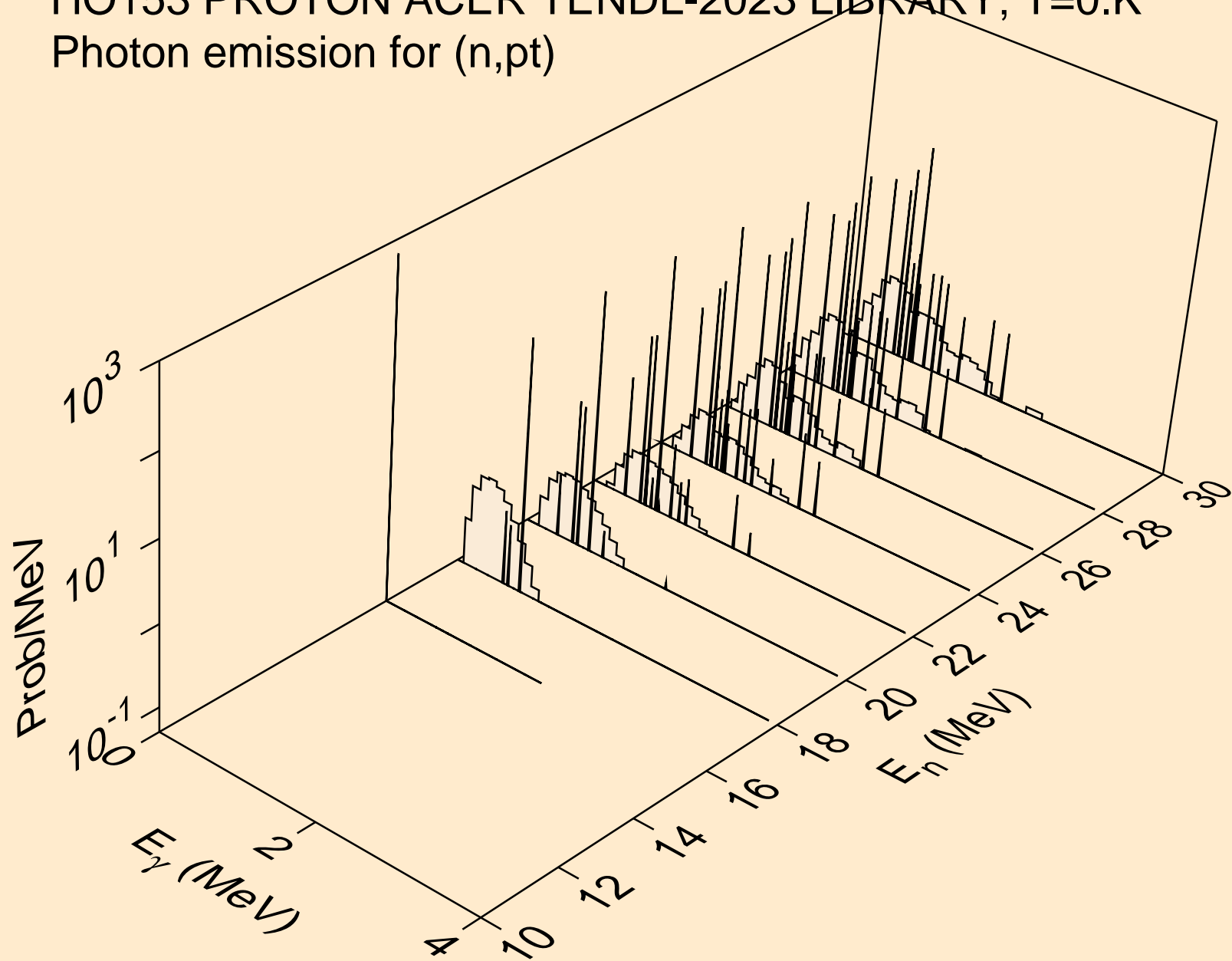
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

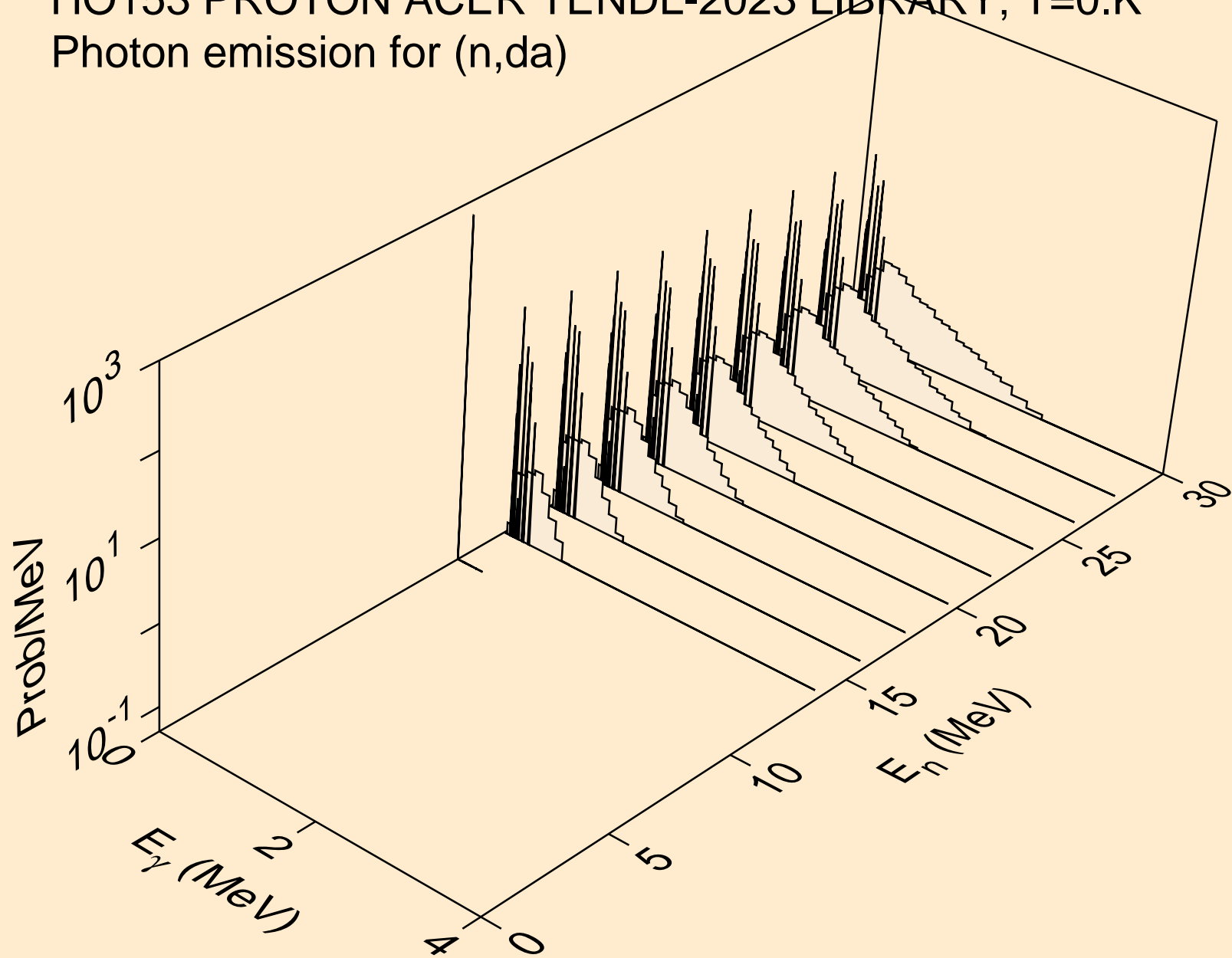


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



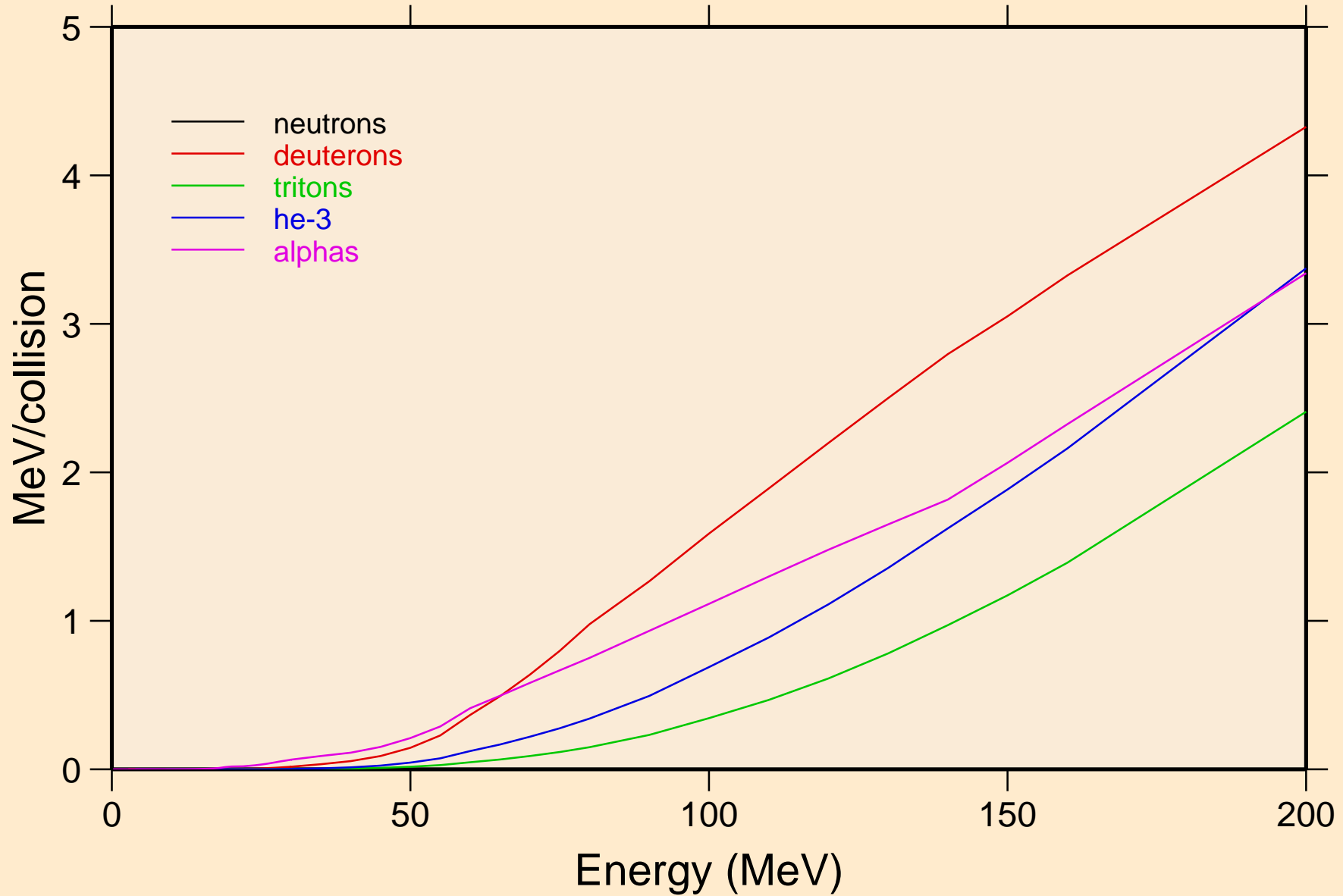


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

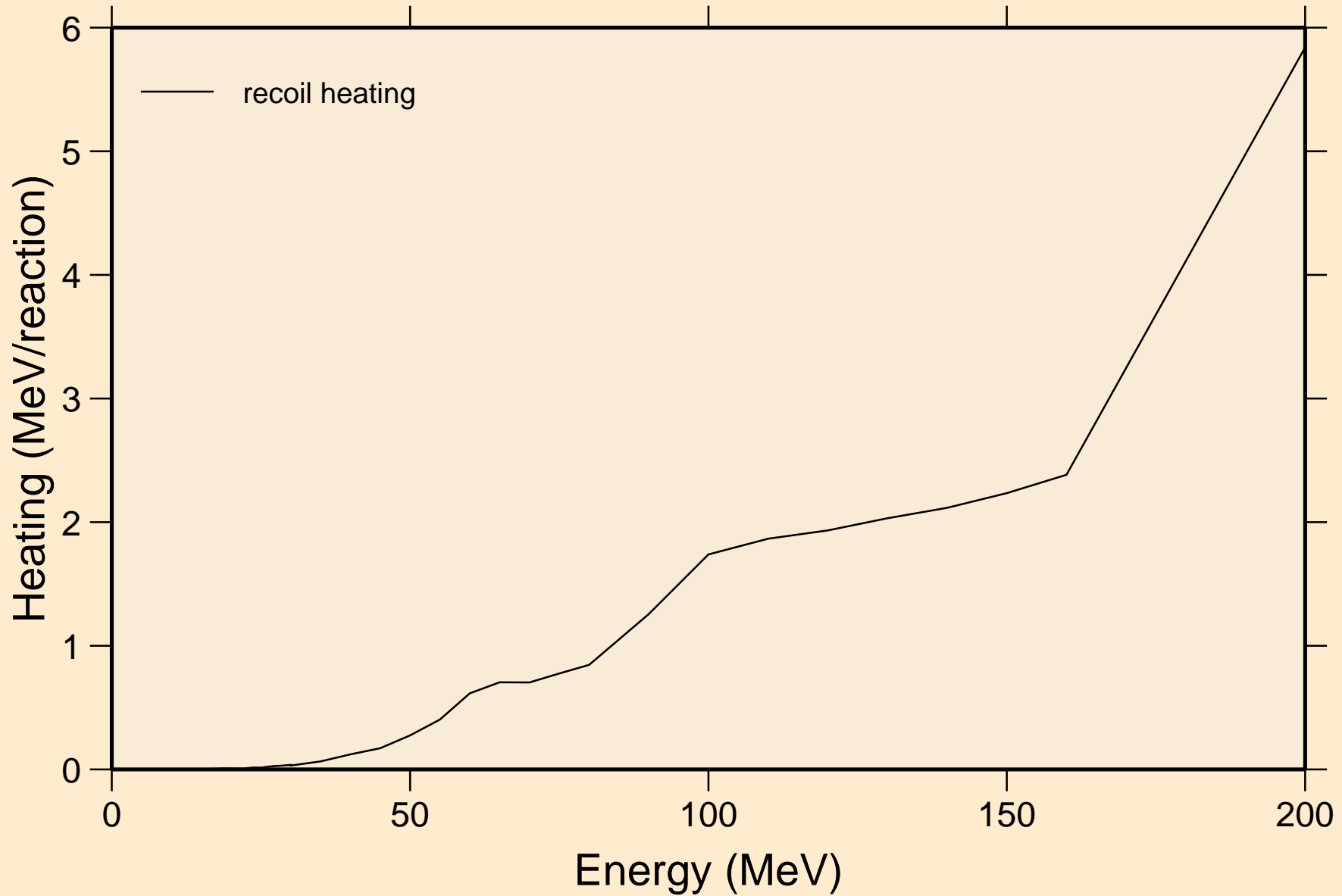


# HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

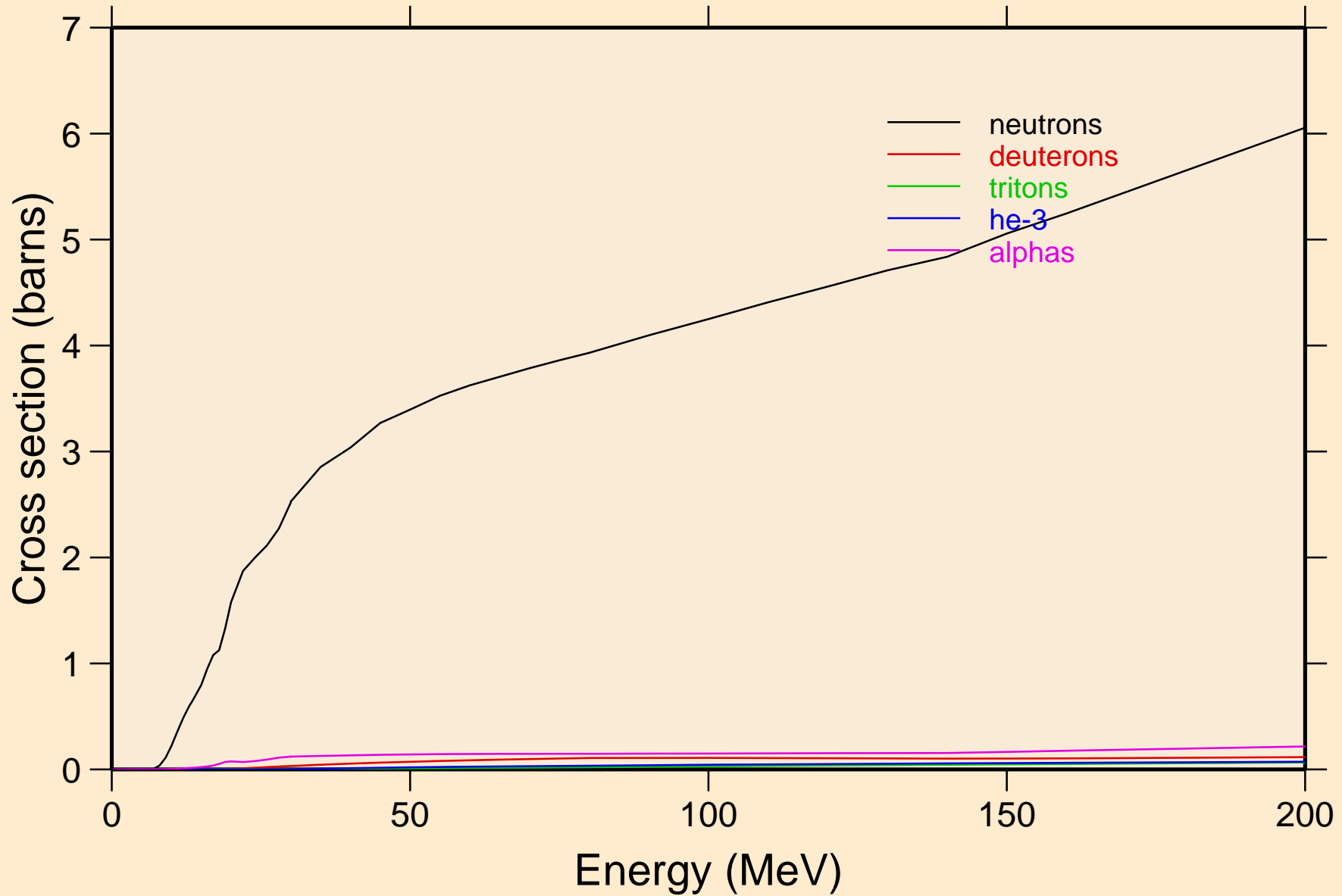


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

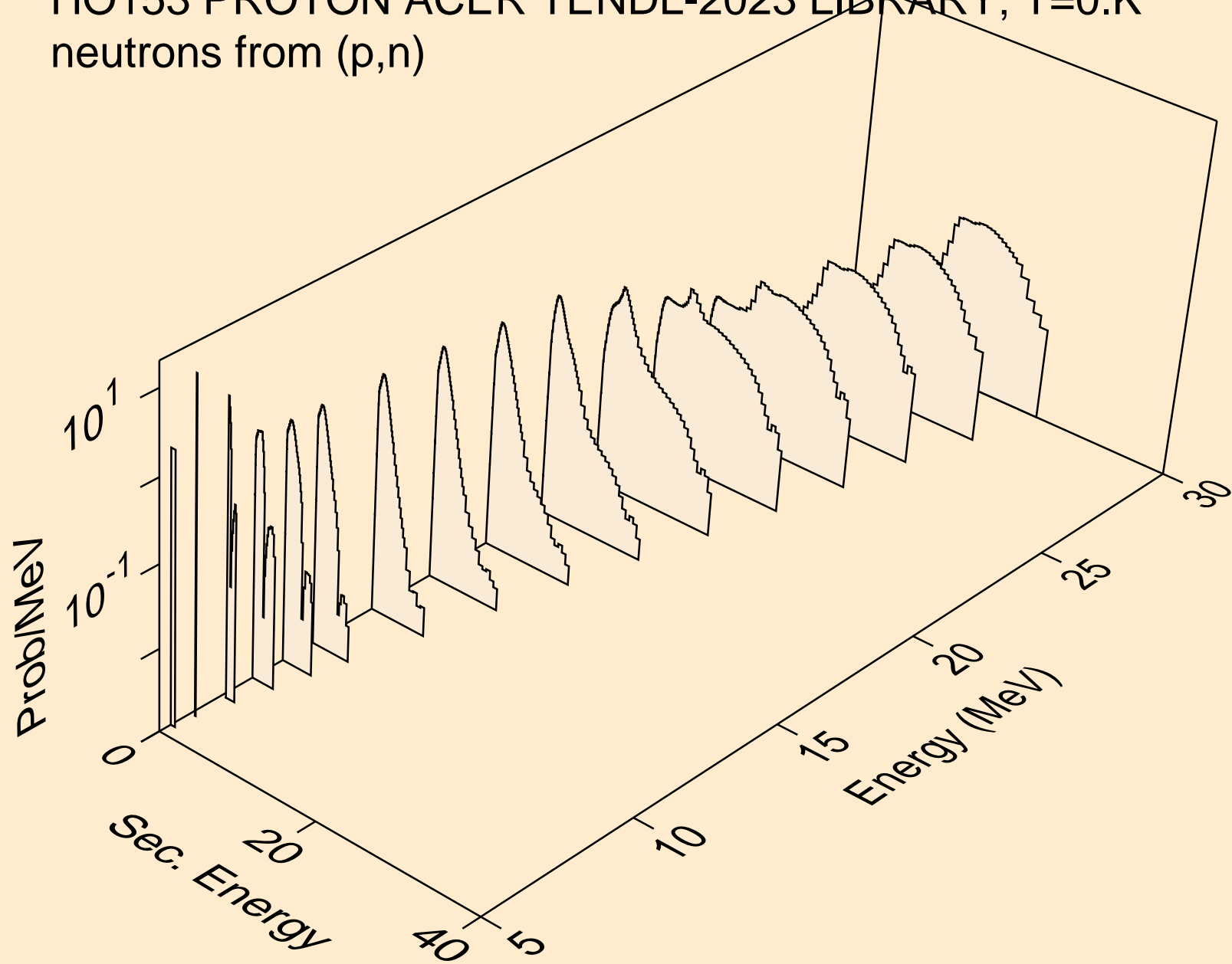


# HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K

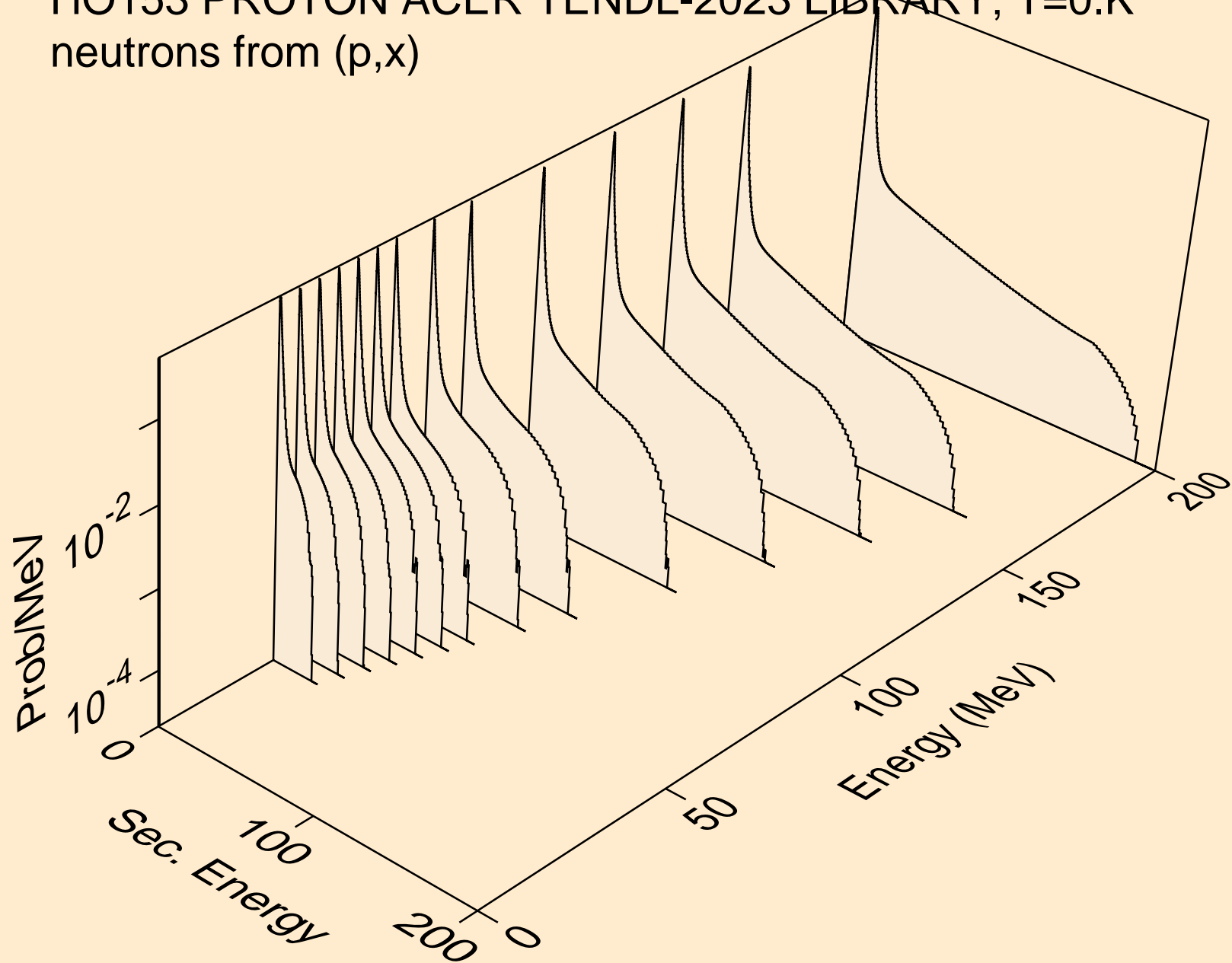
## Particle production cross sections



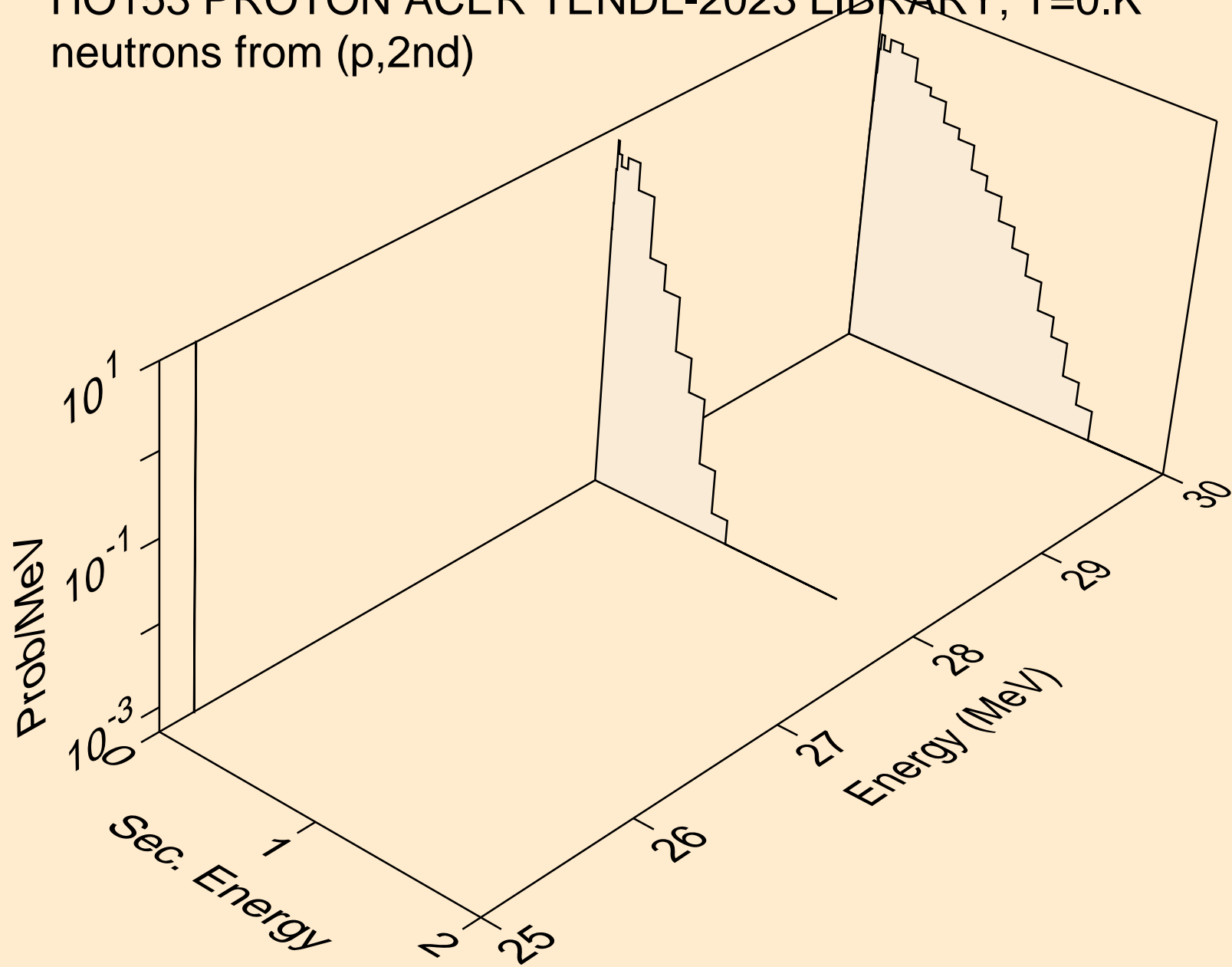
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



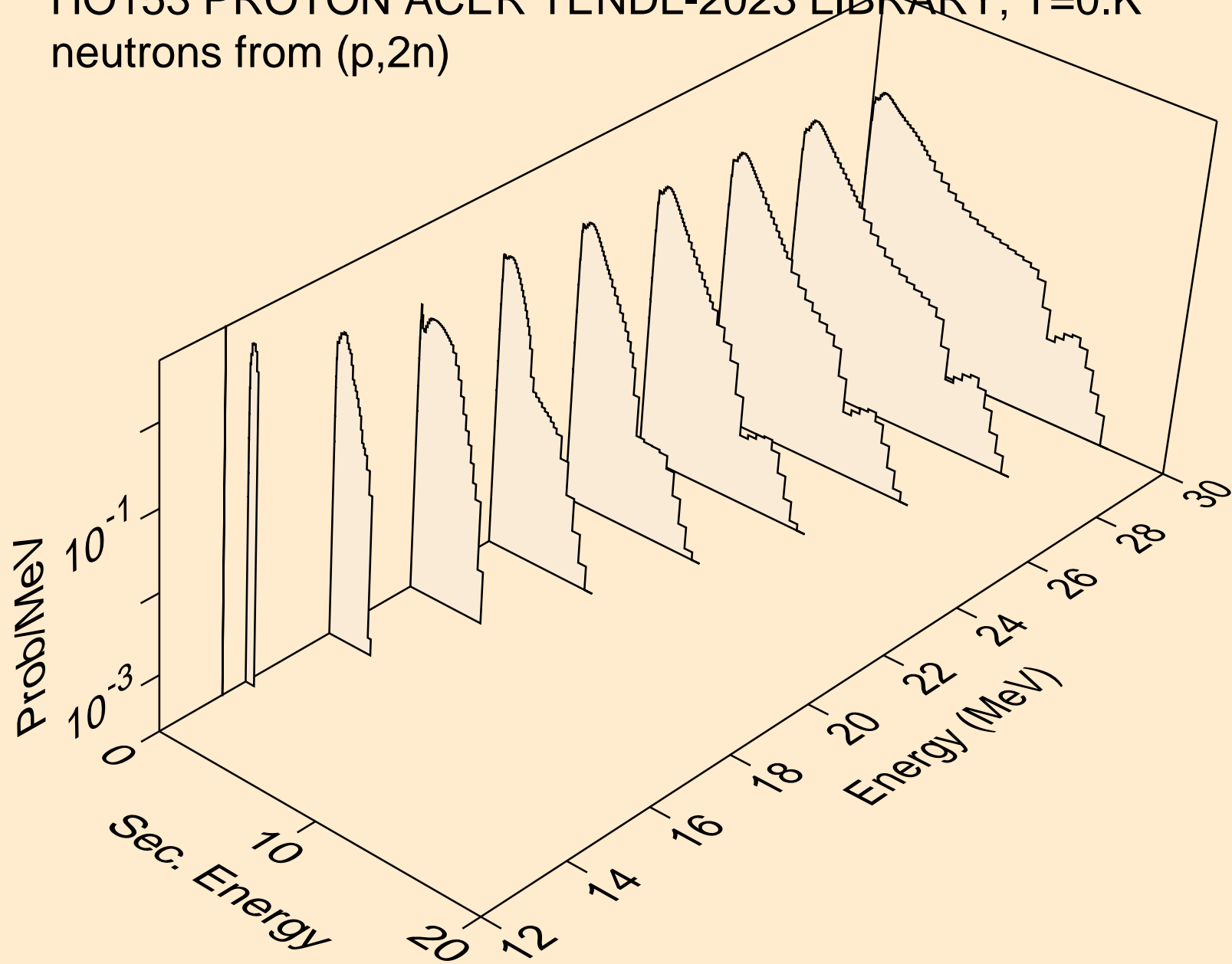
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

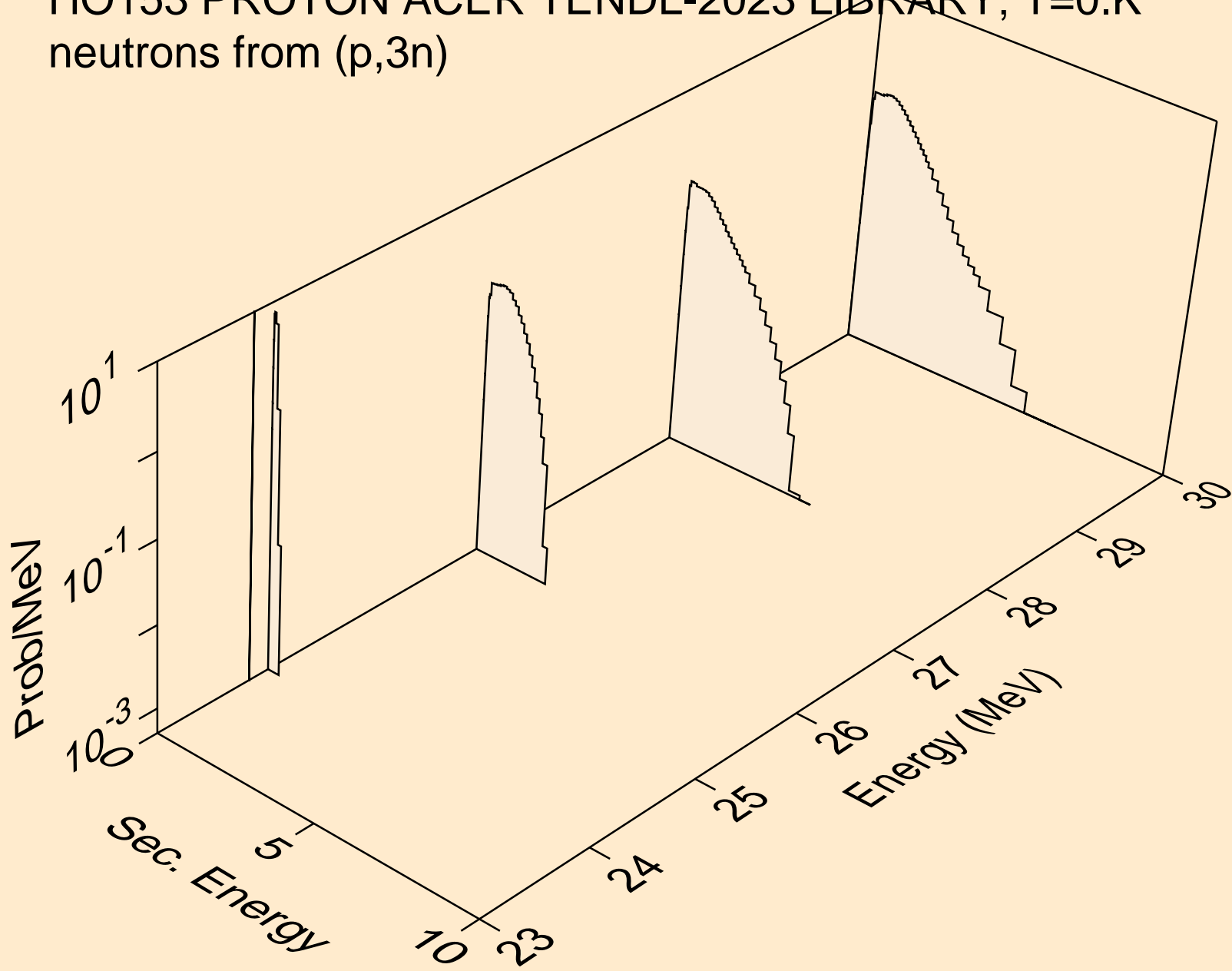


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

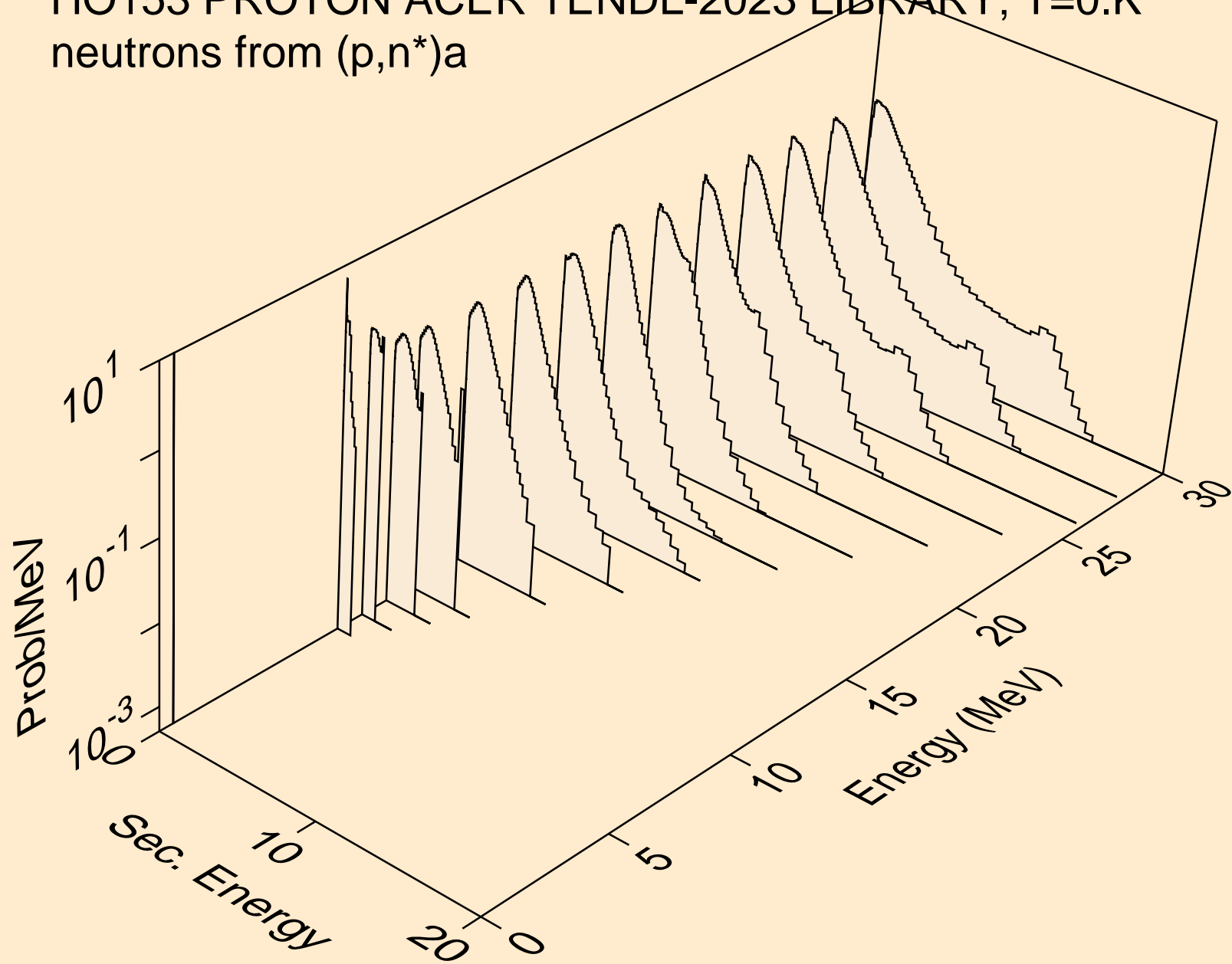




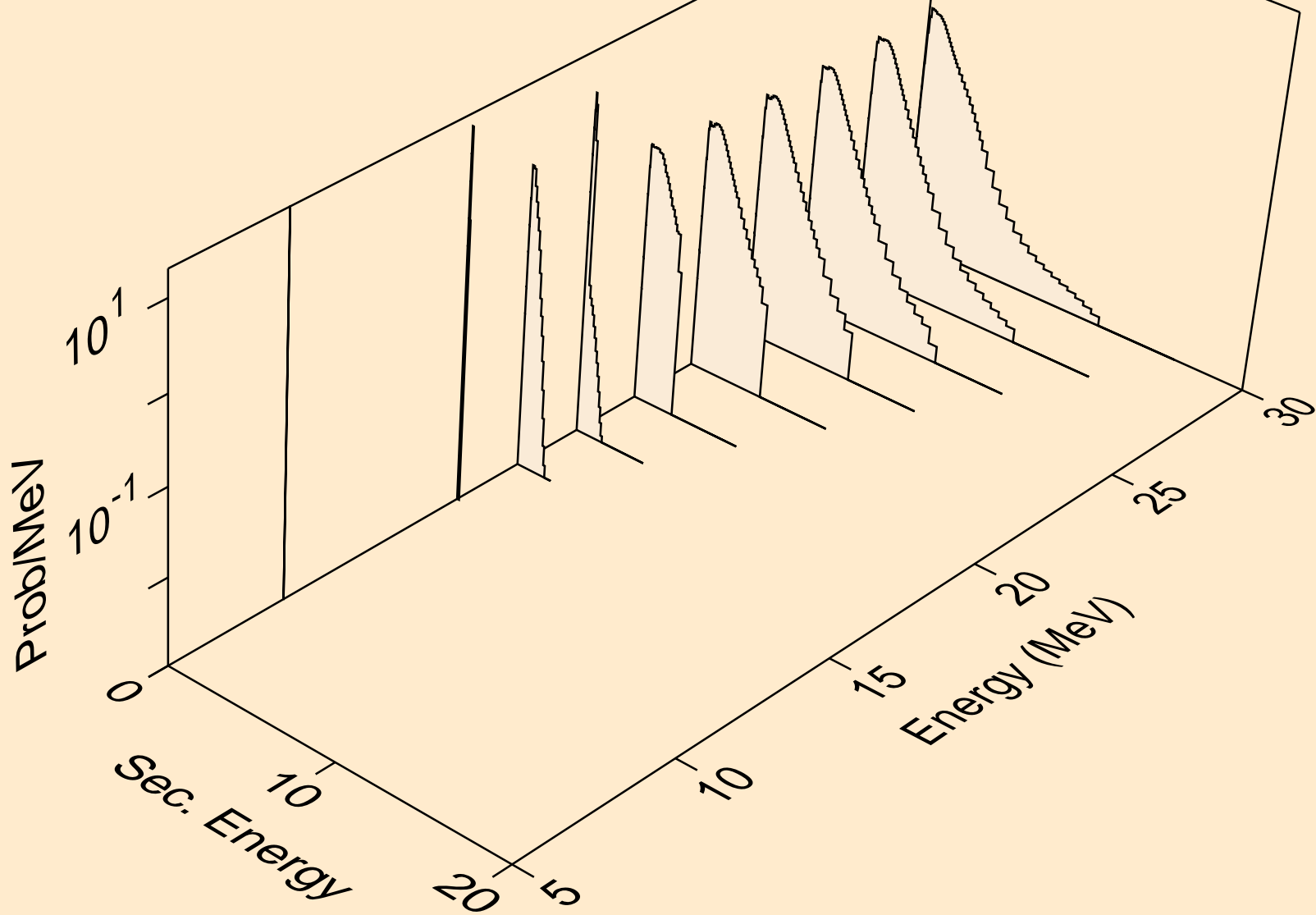
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



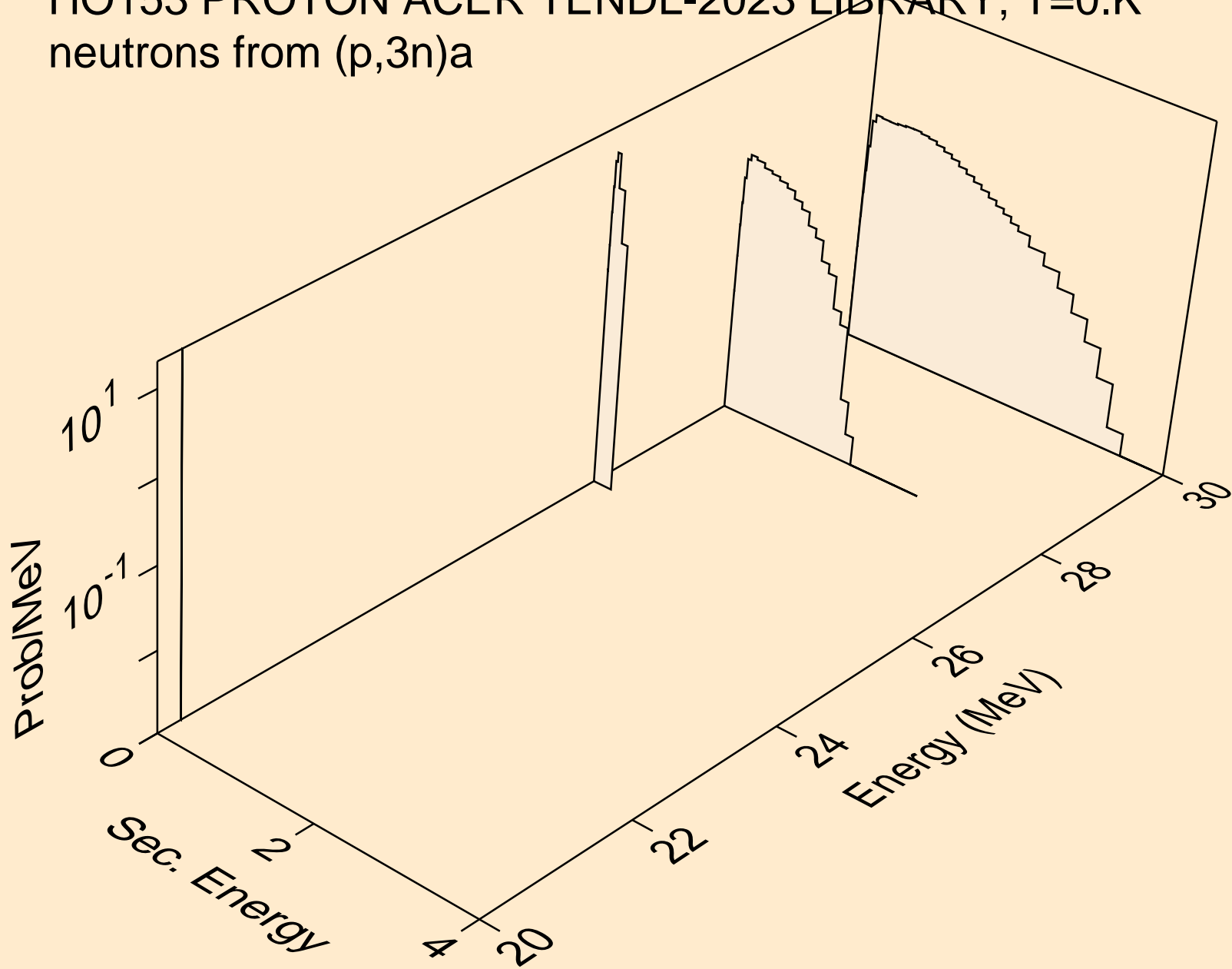
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



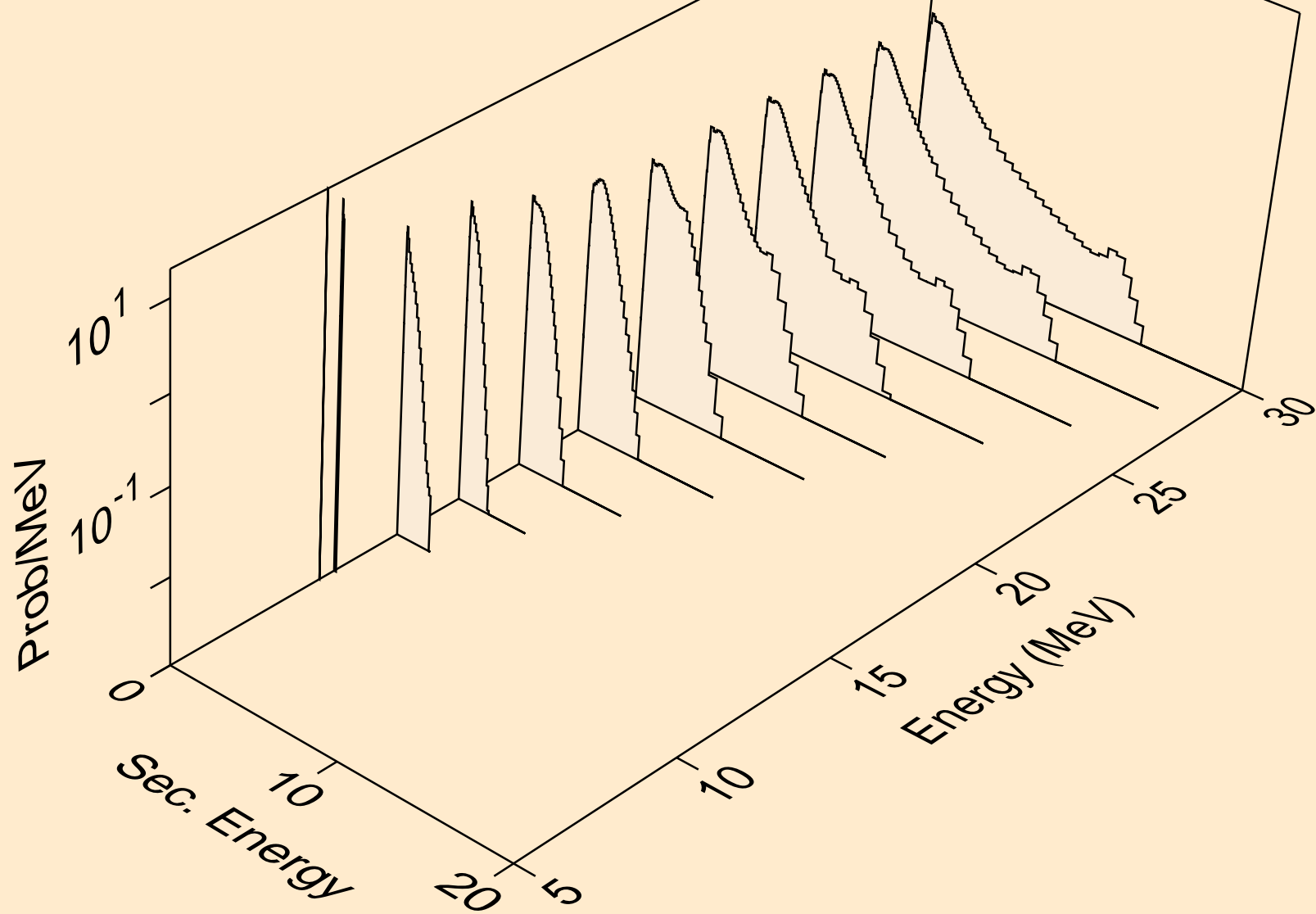
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



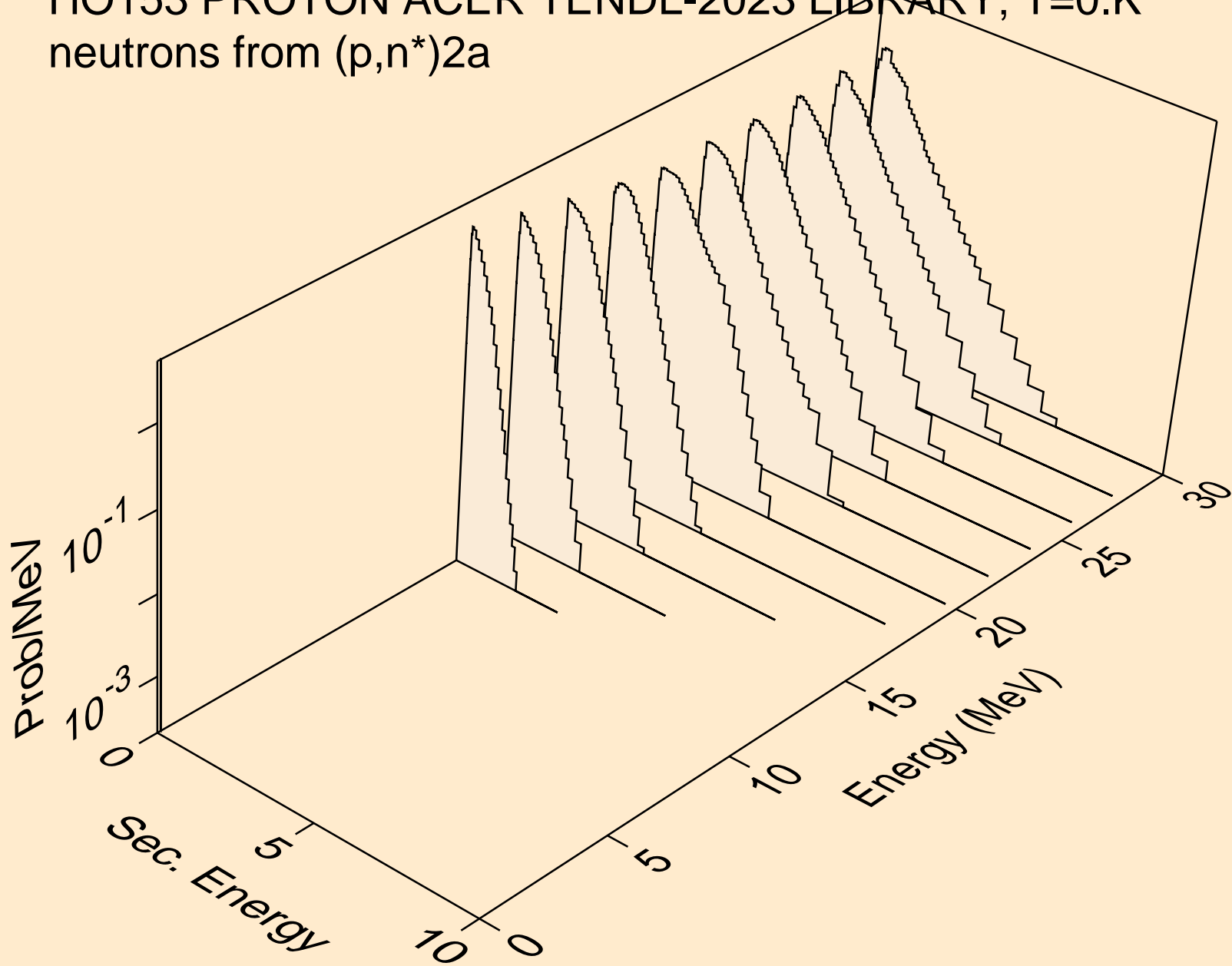
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



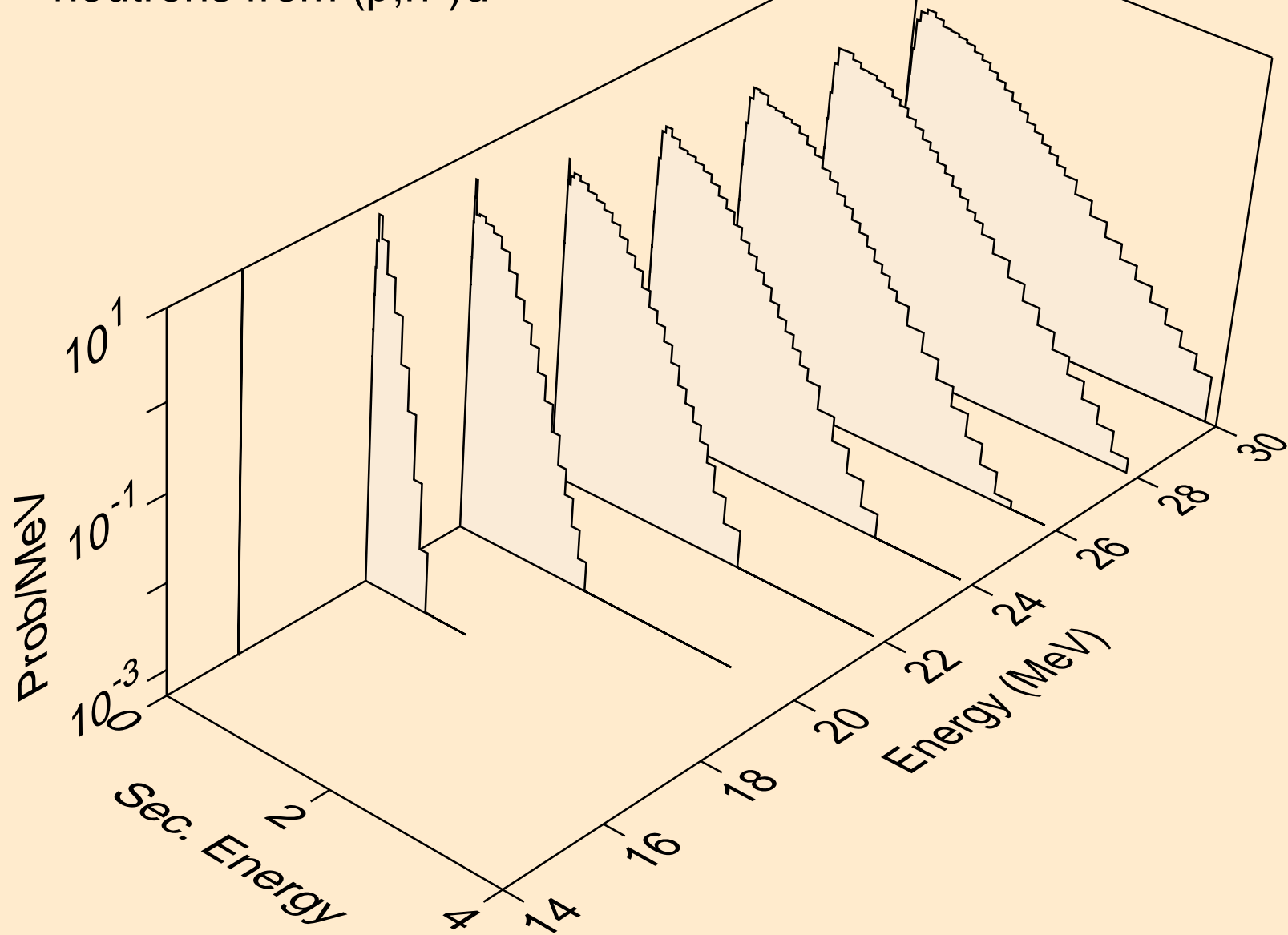
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



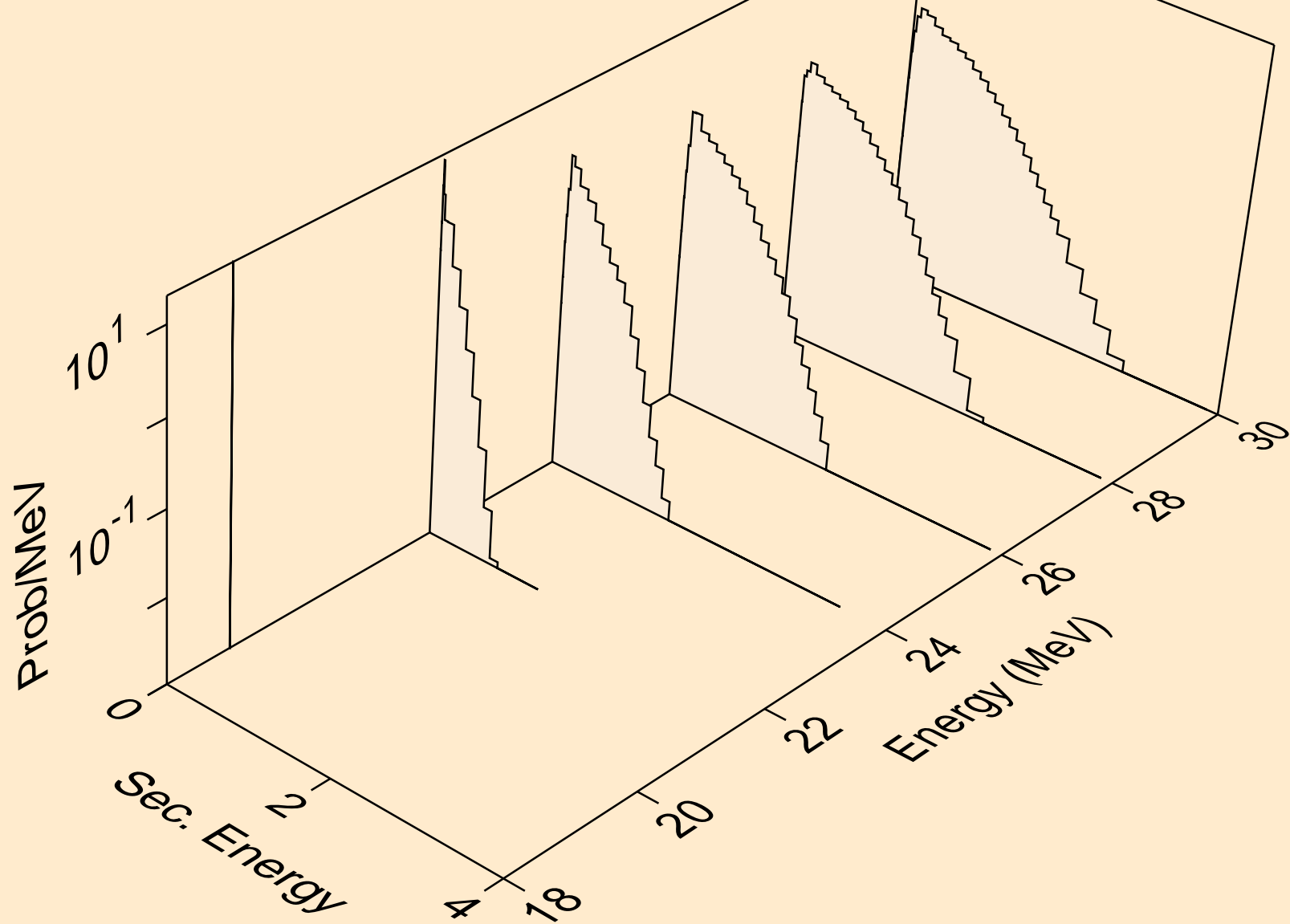
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

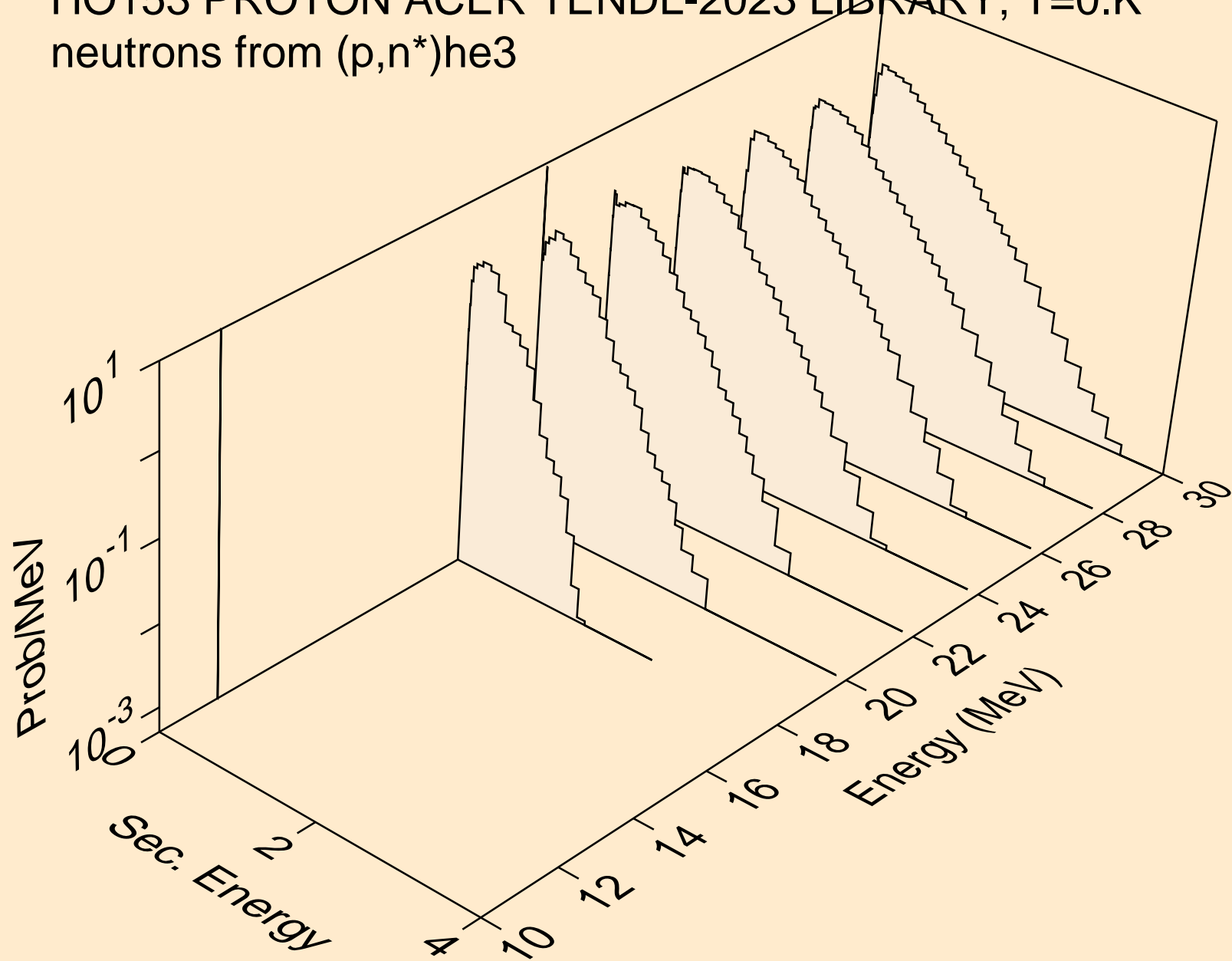


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

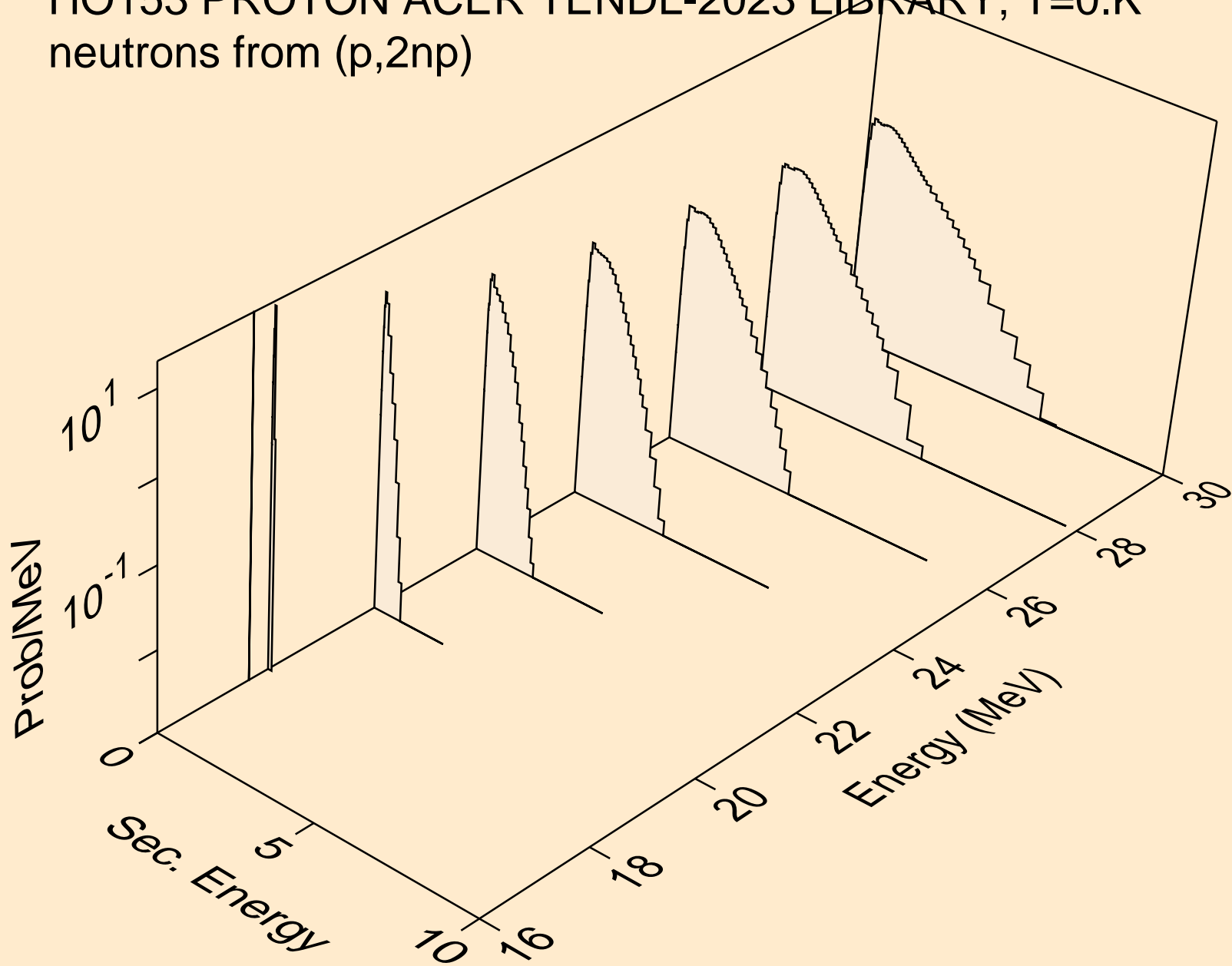




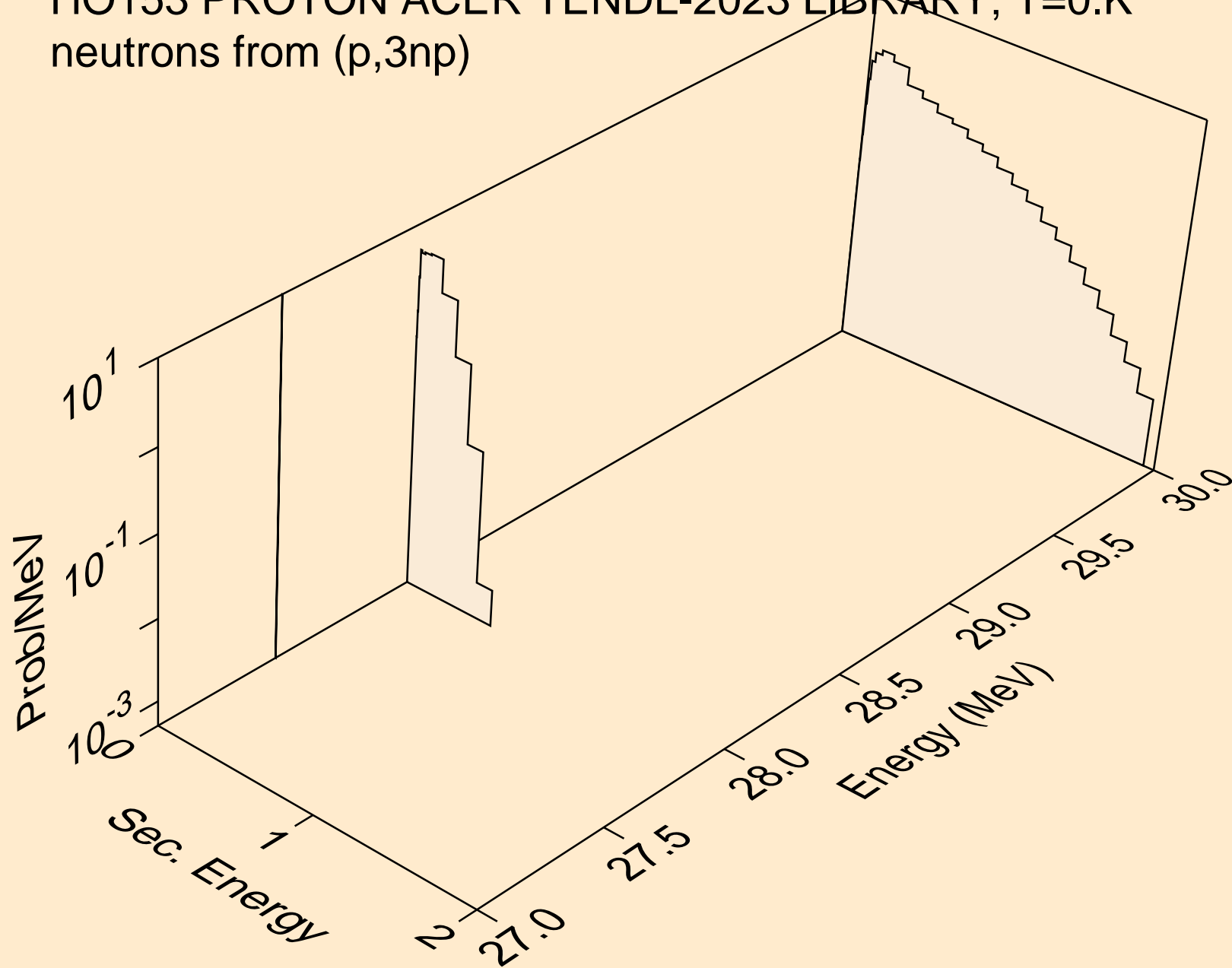
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



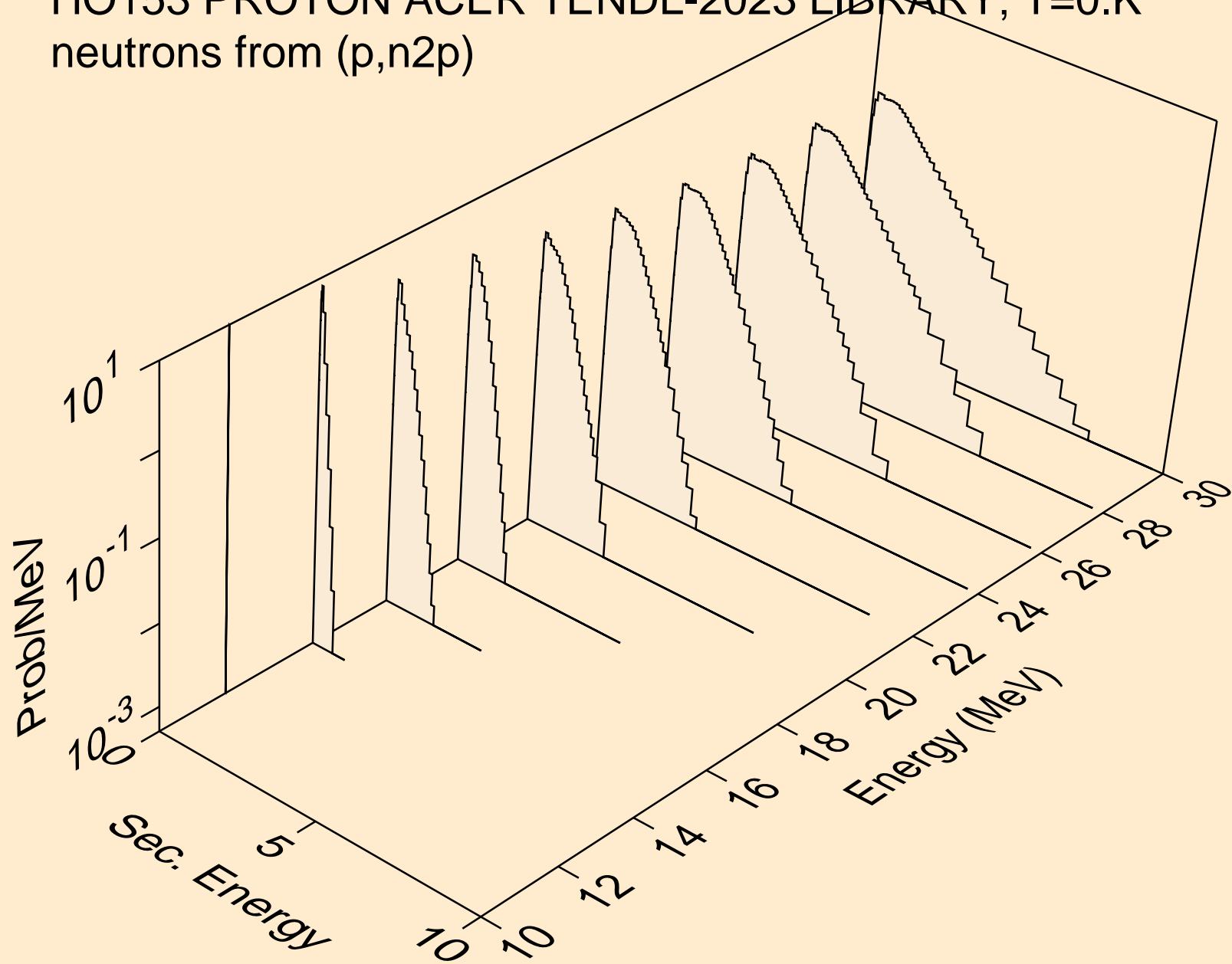
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



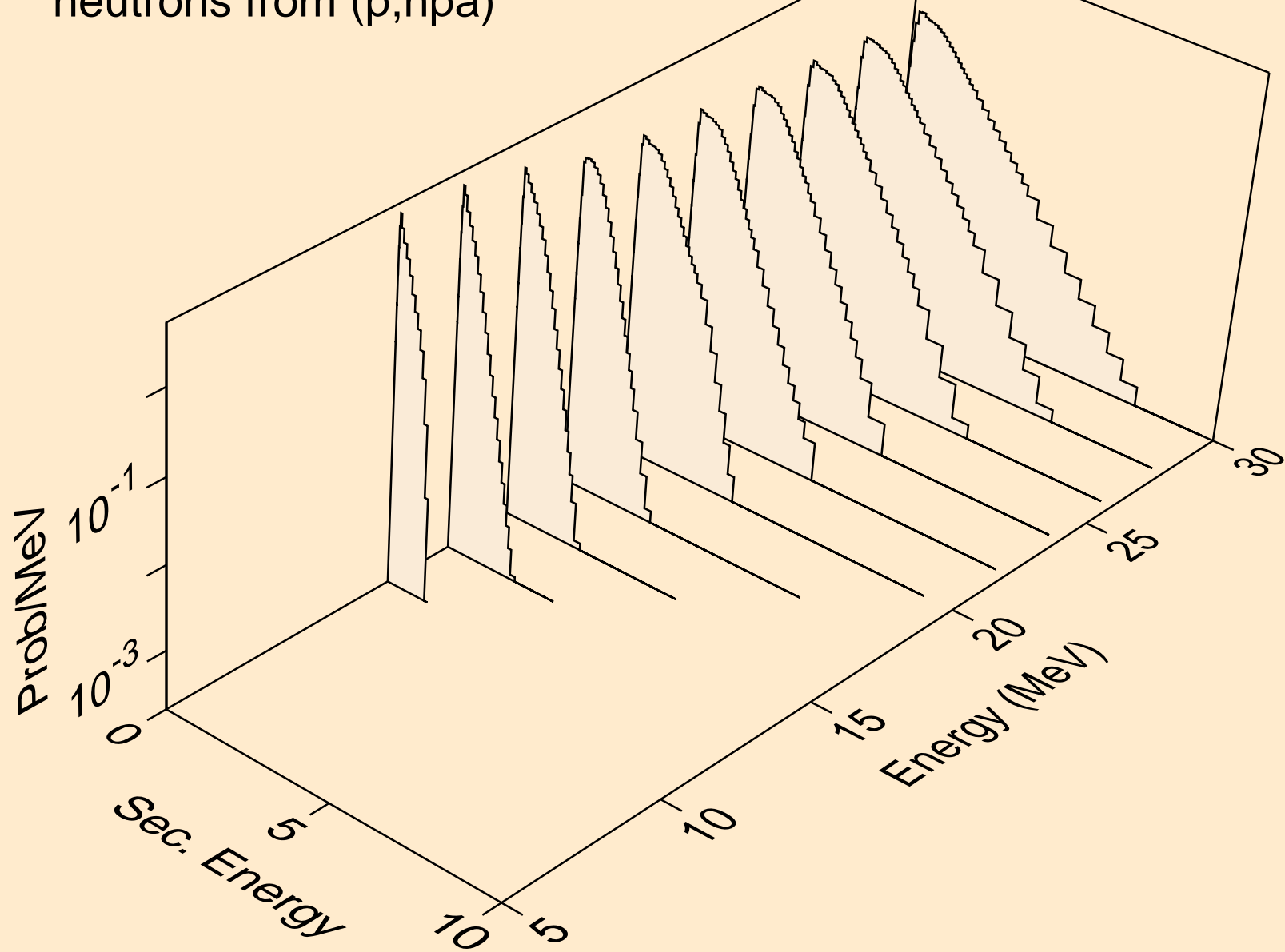
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



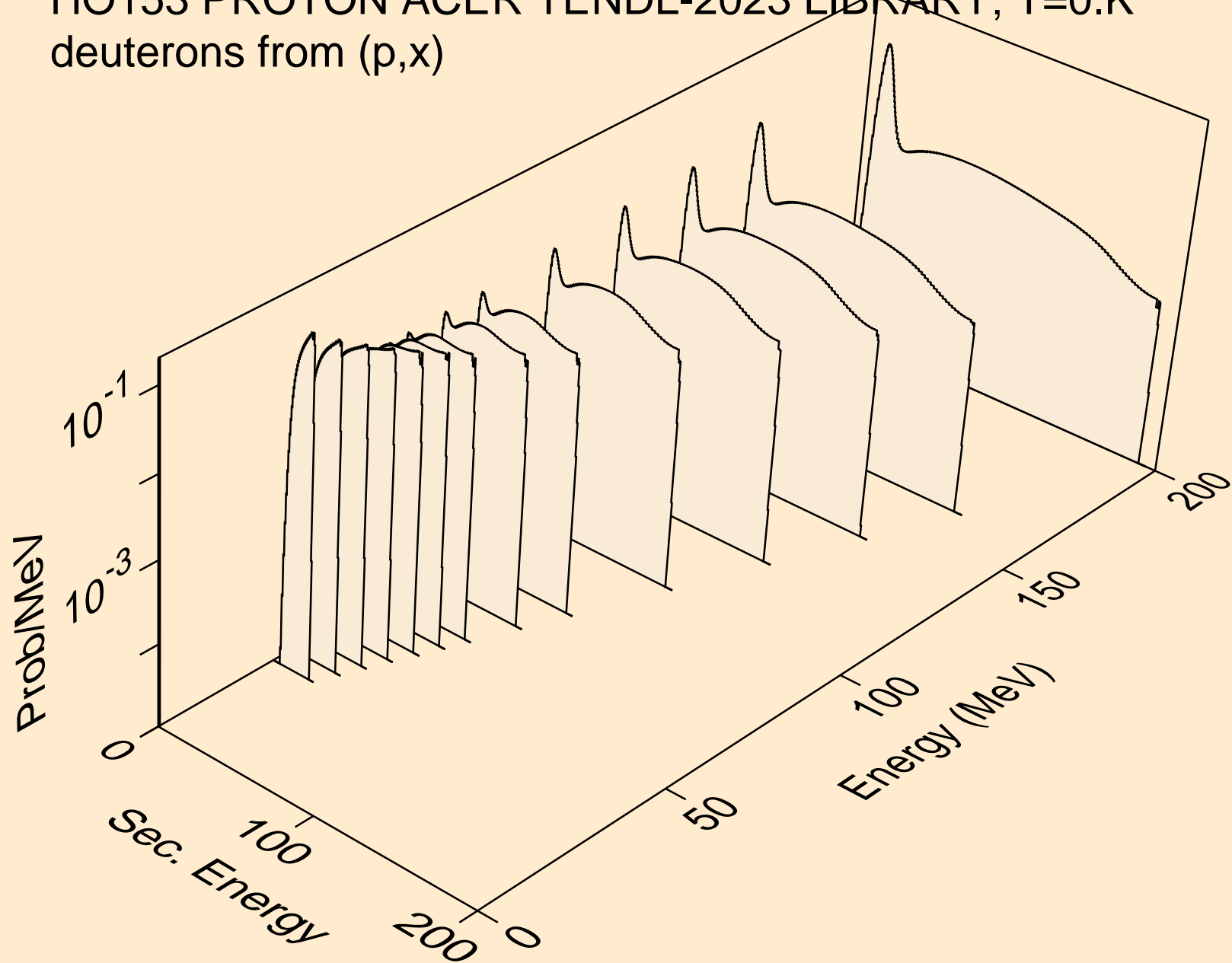
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



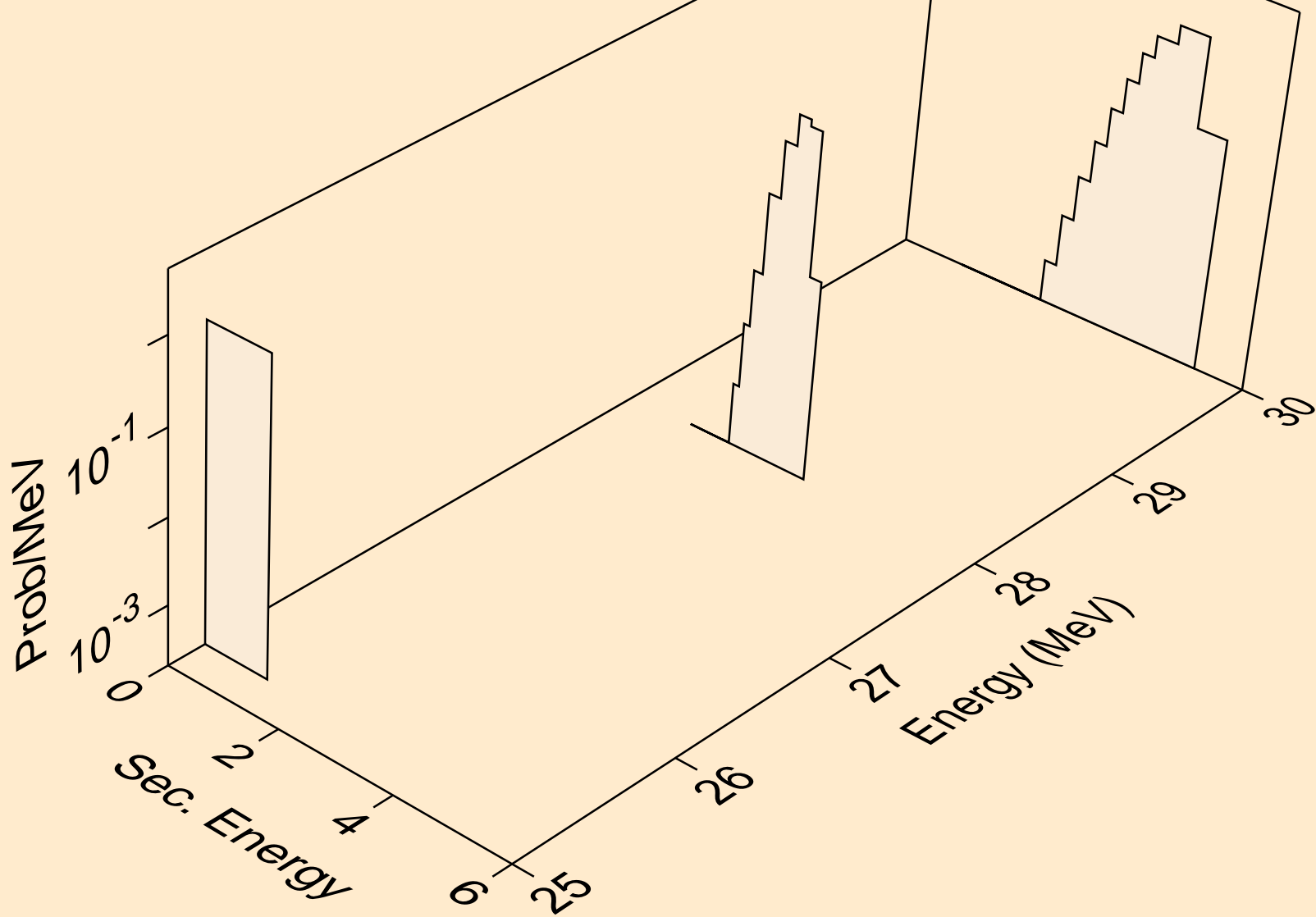
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



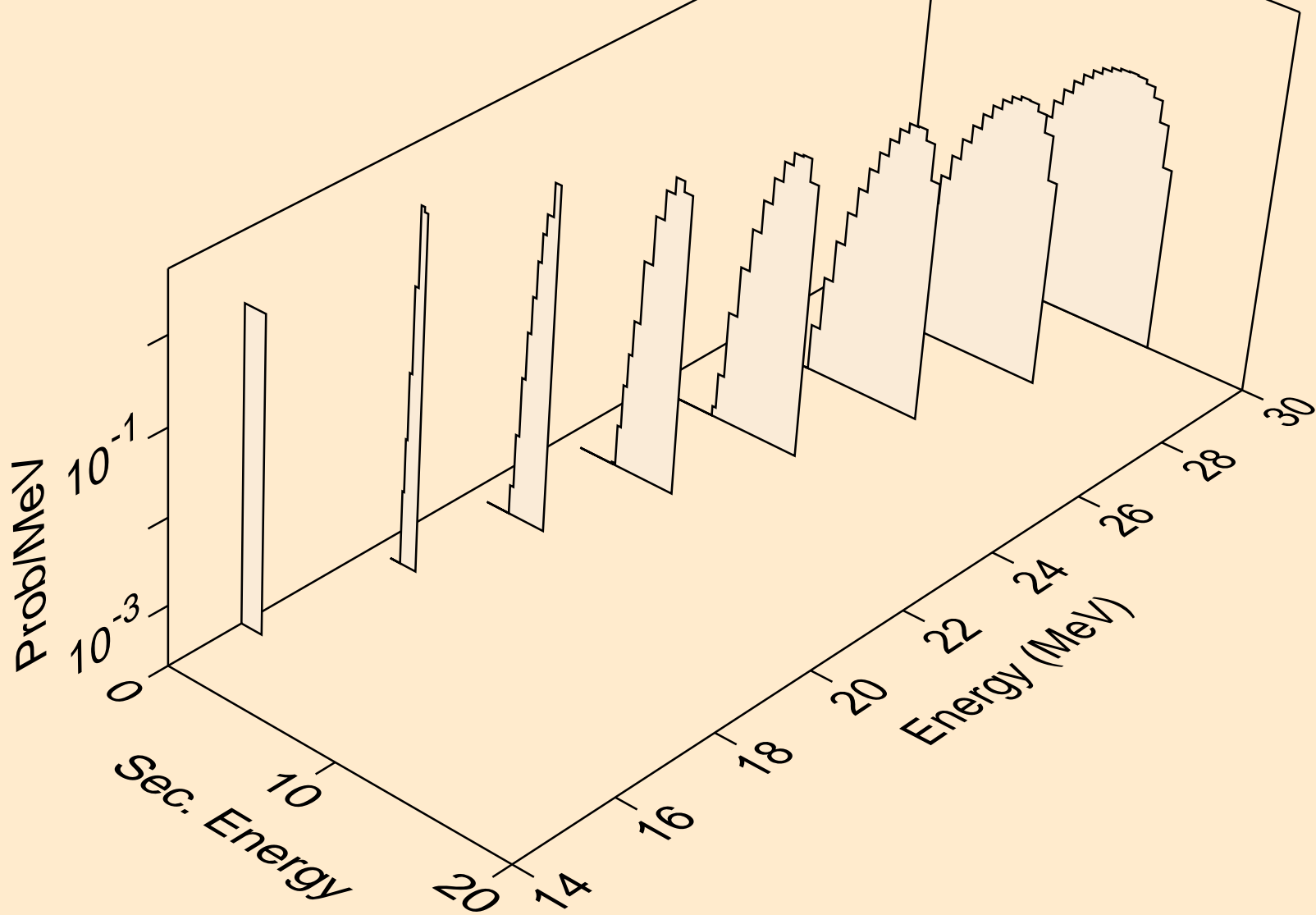
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

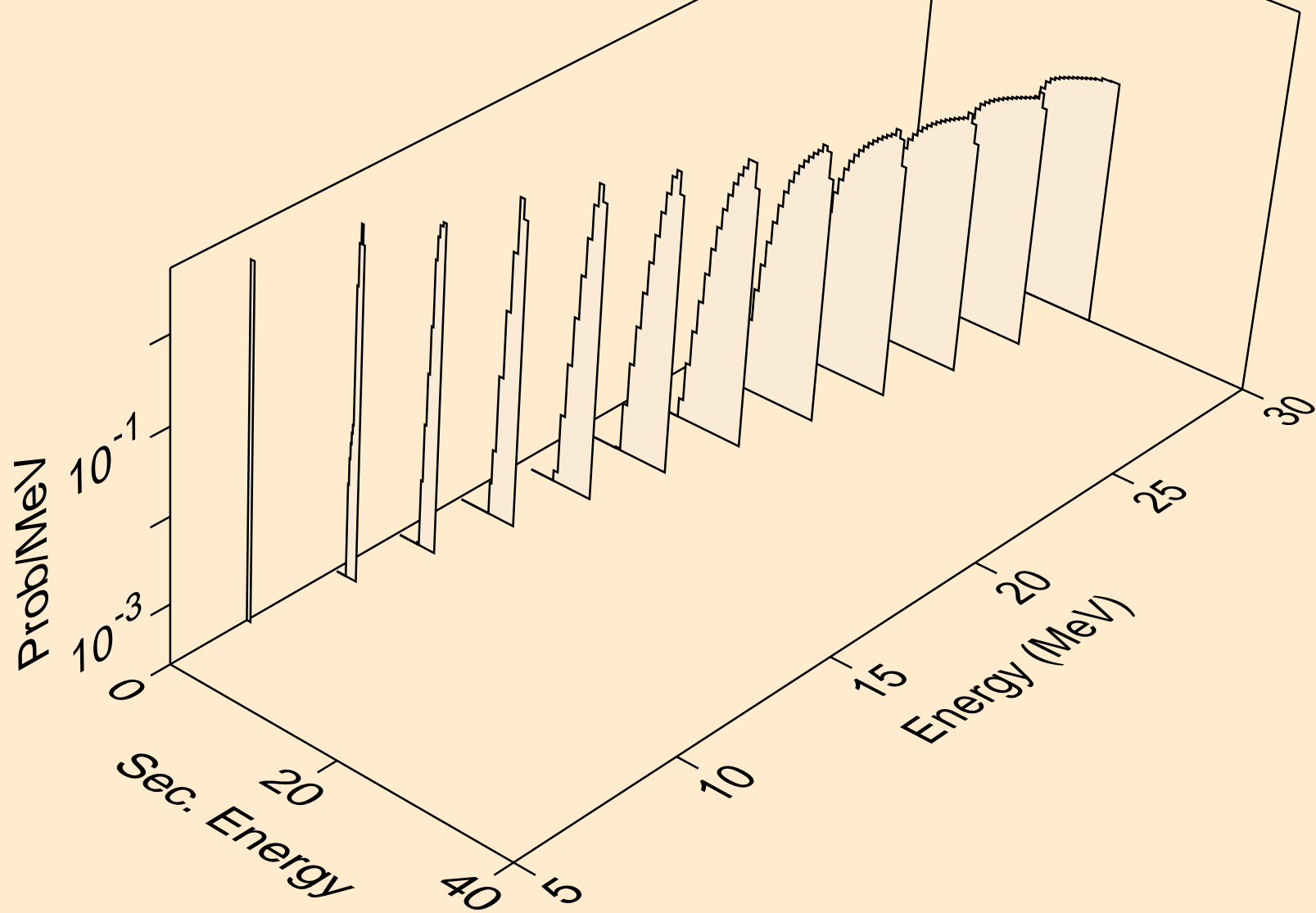


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

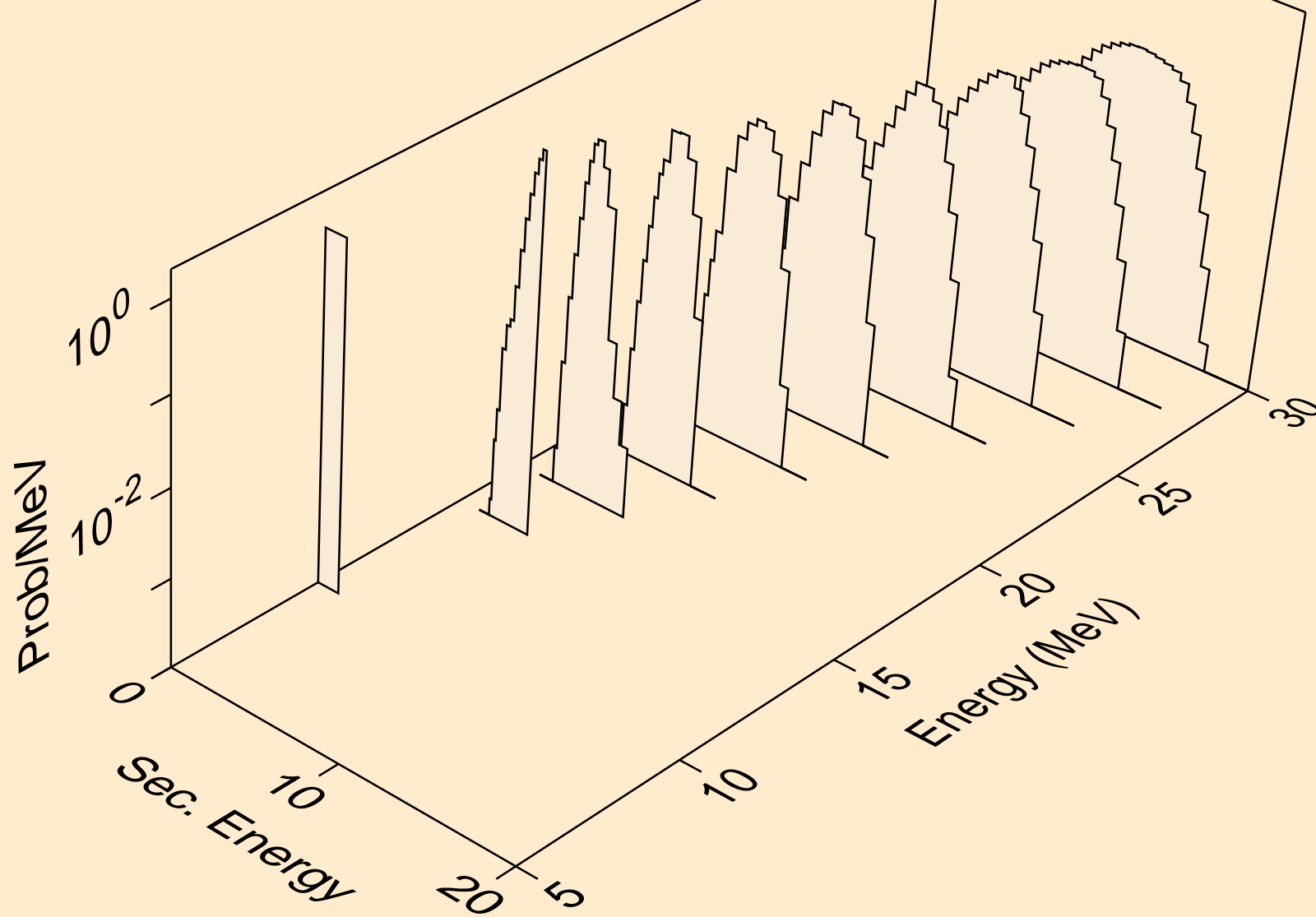




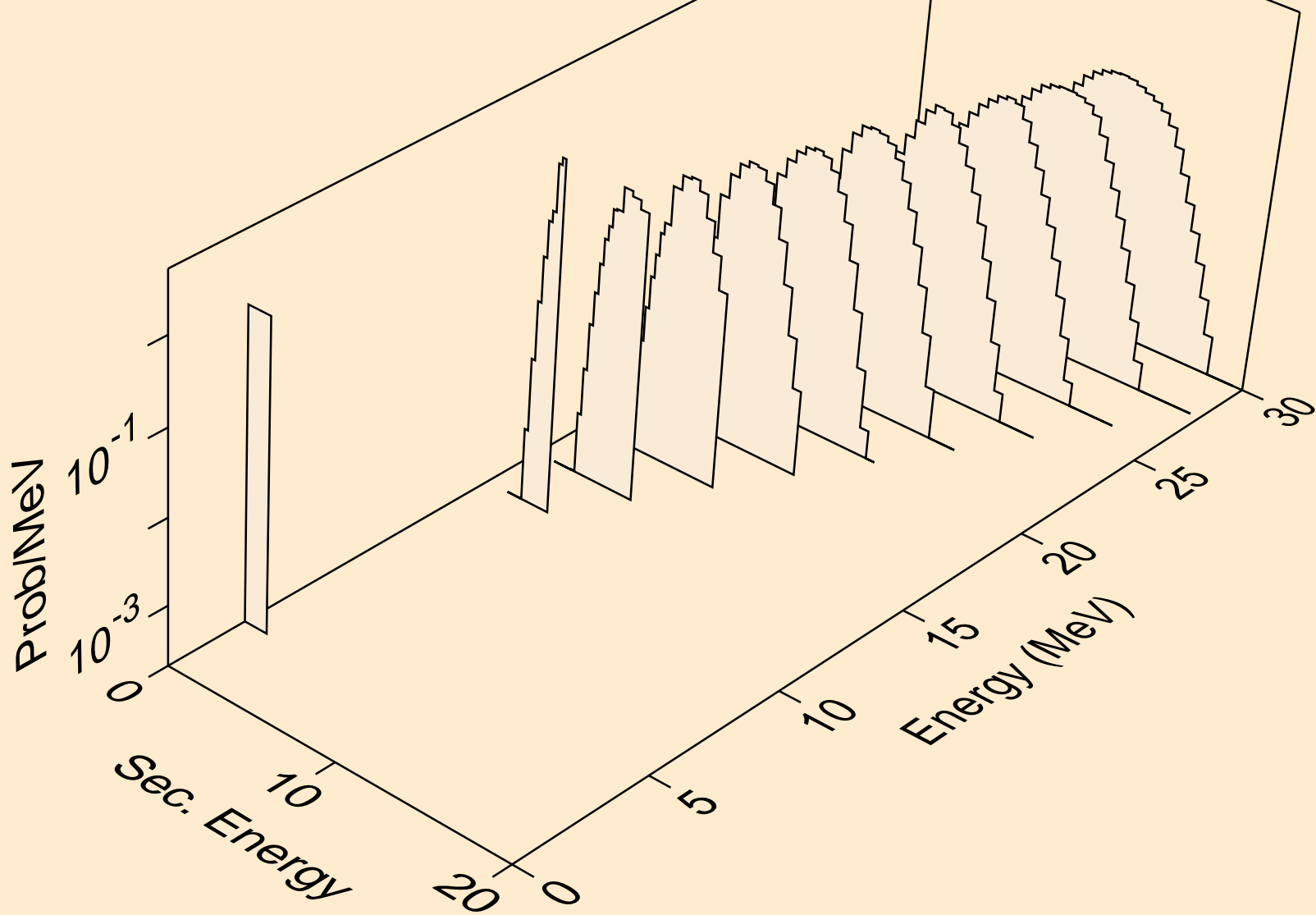
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



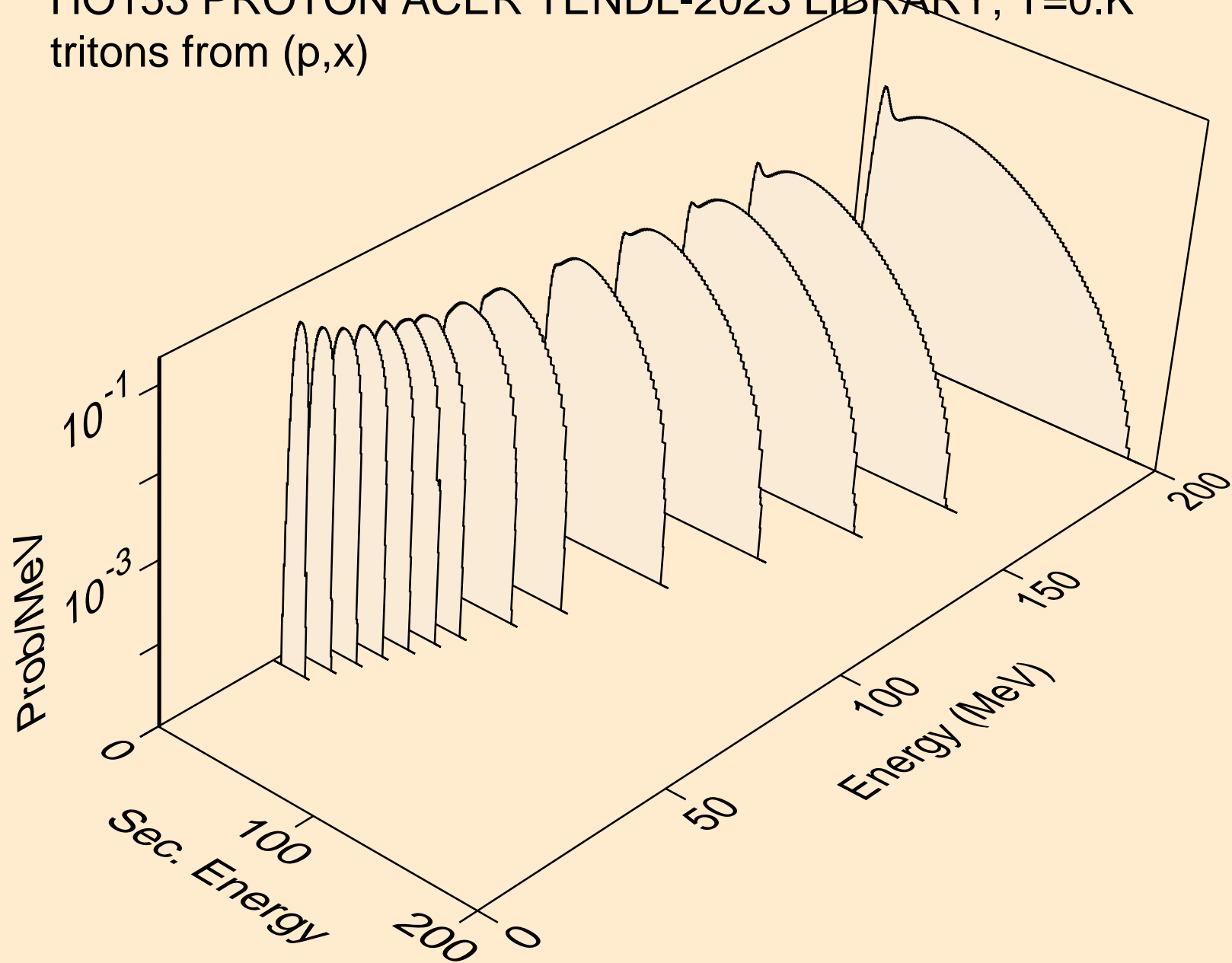
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



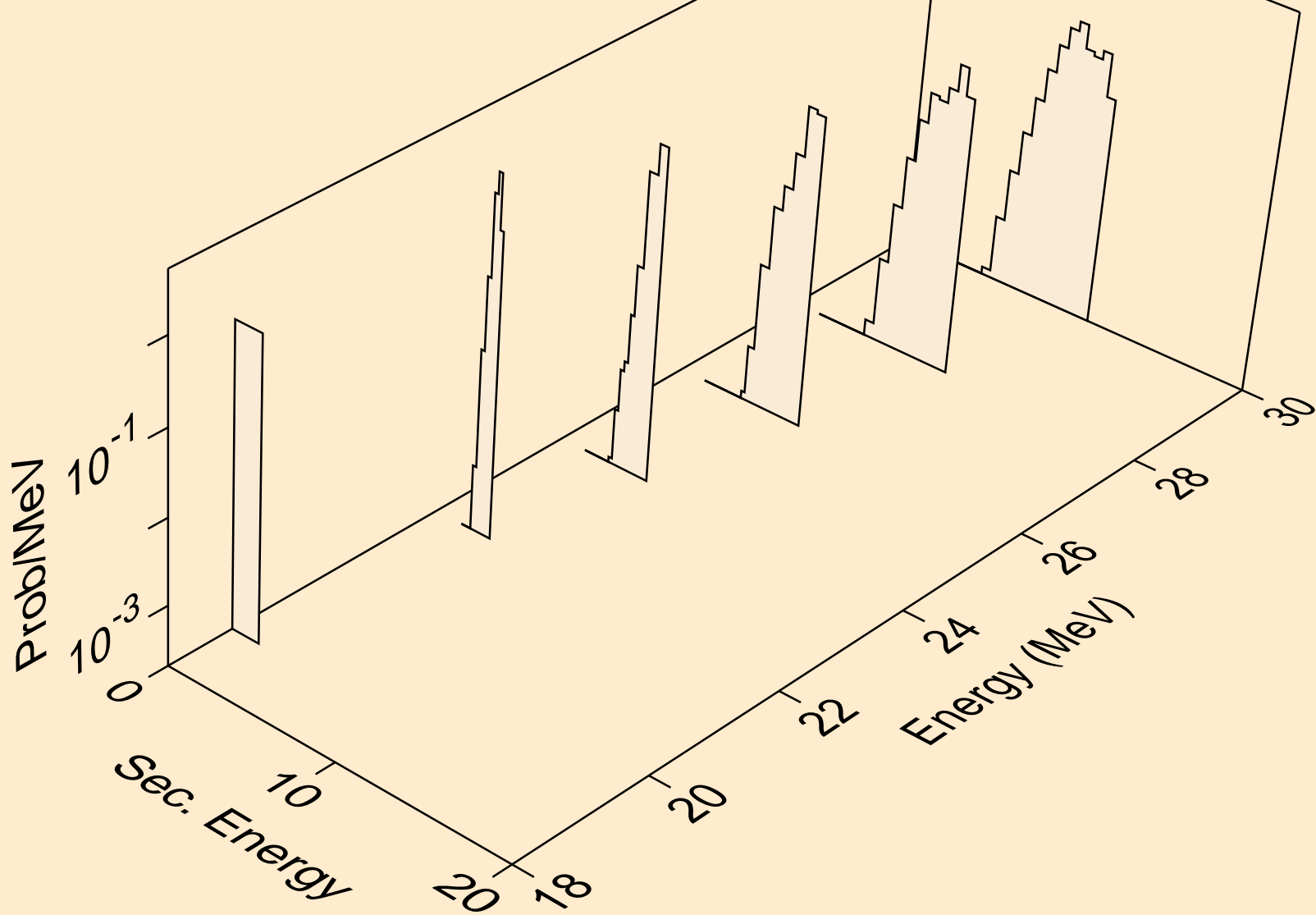
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



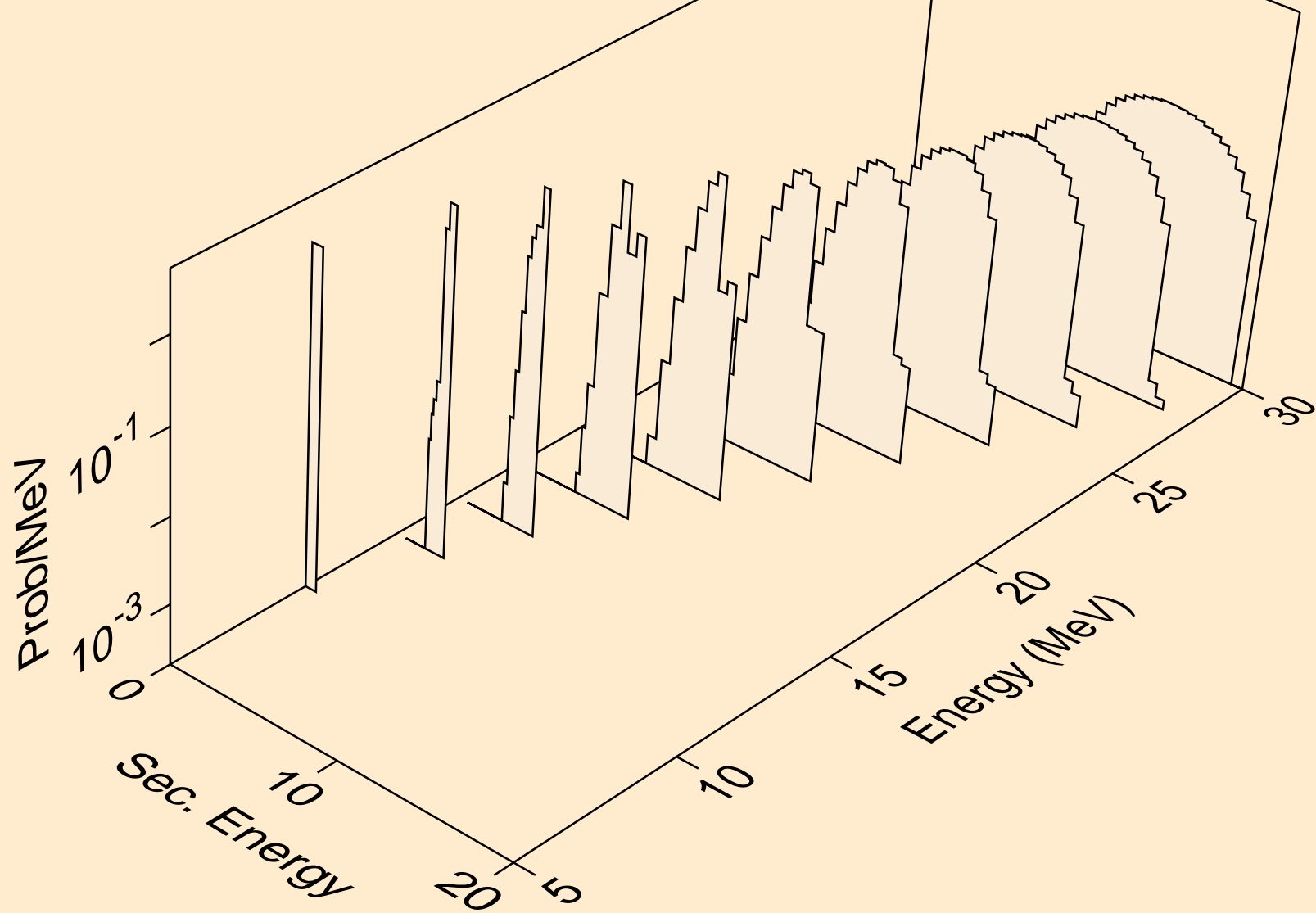
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



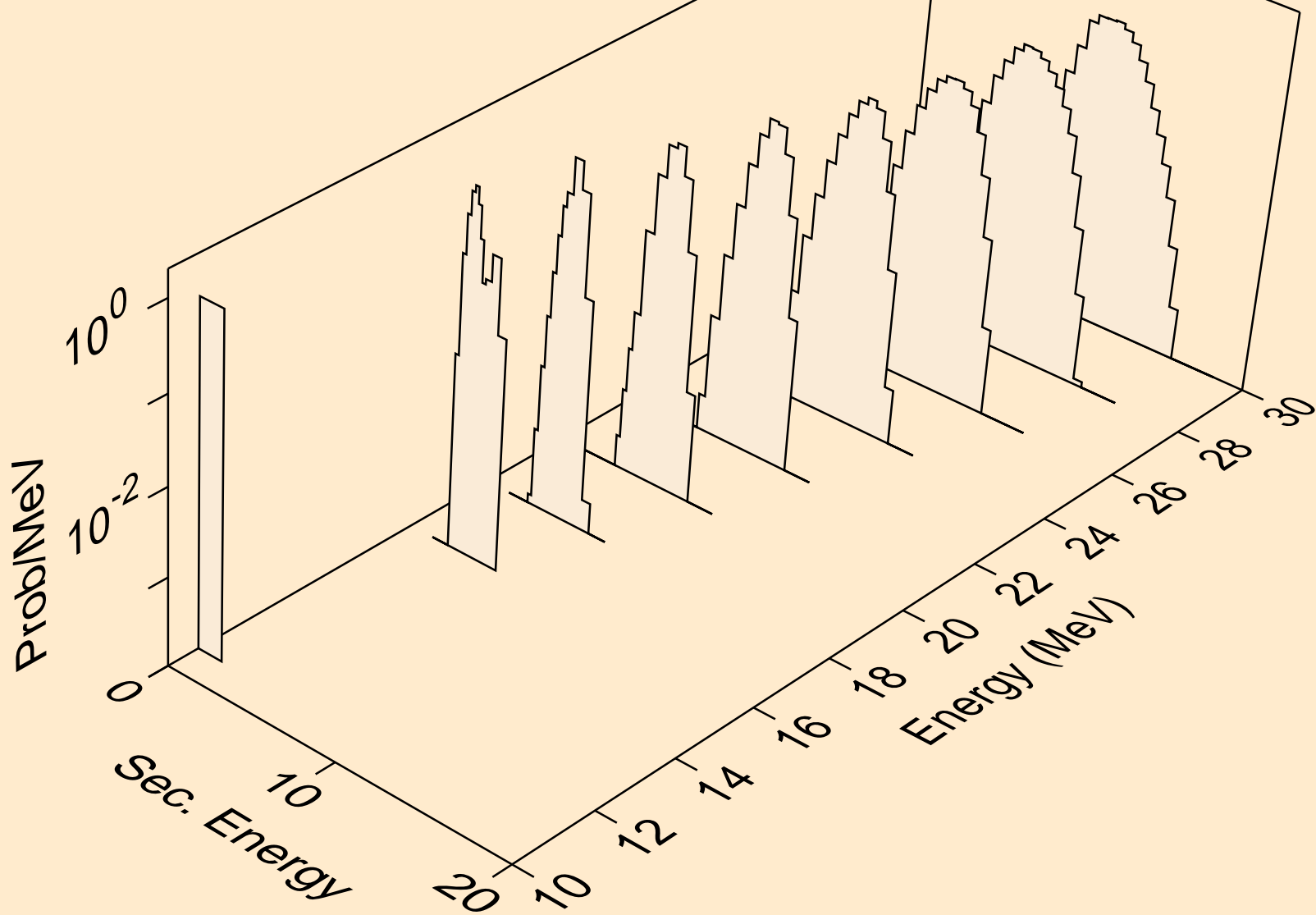
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



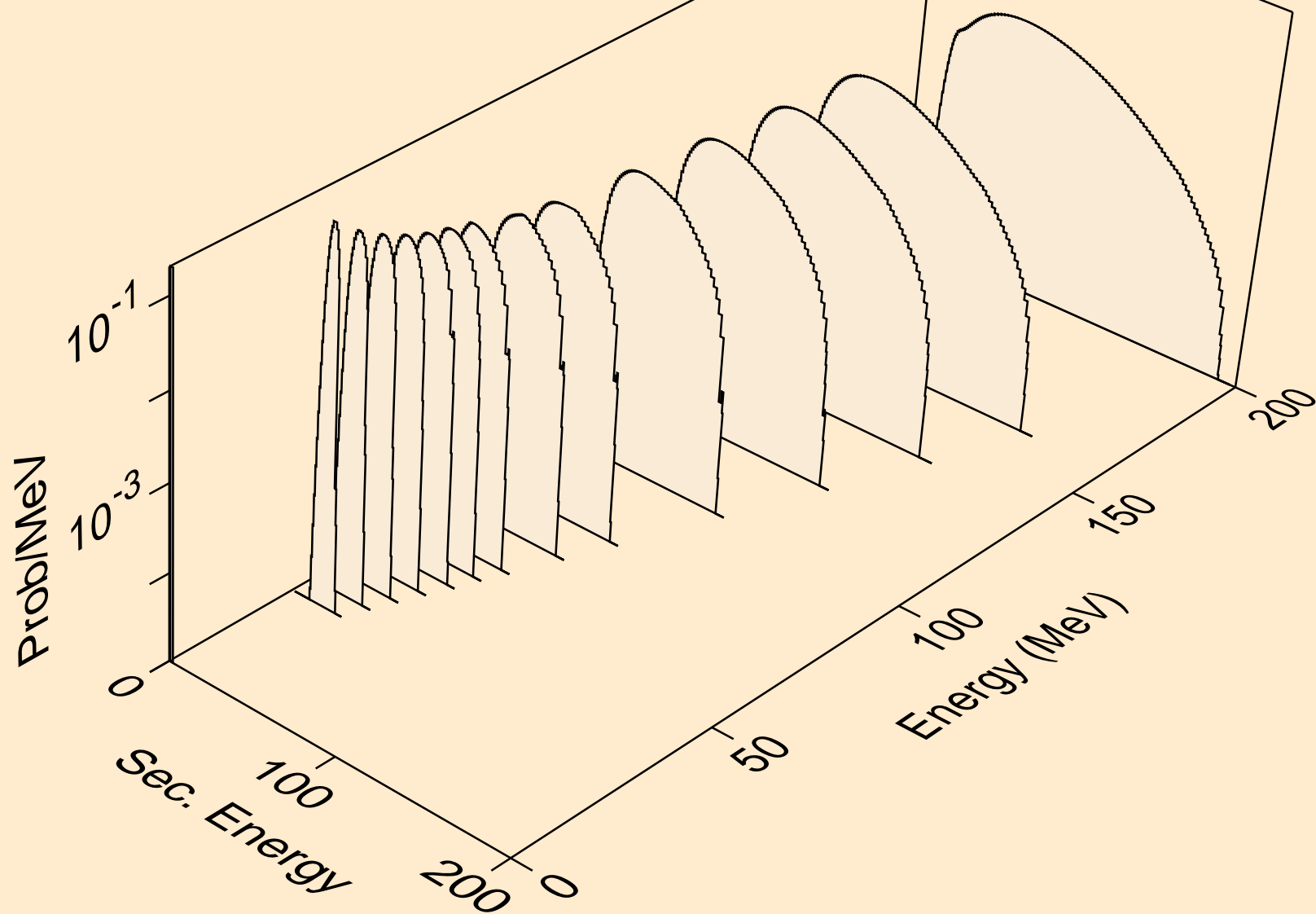
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)

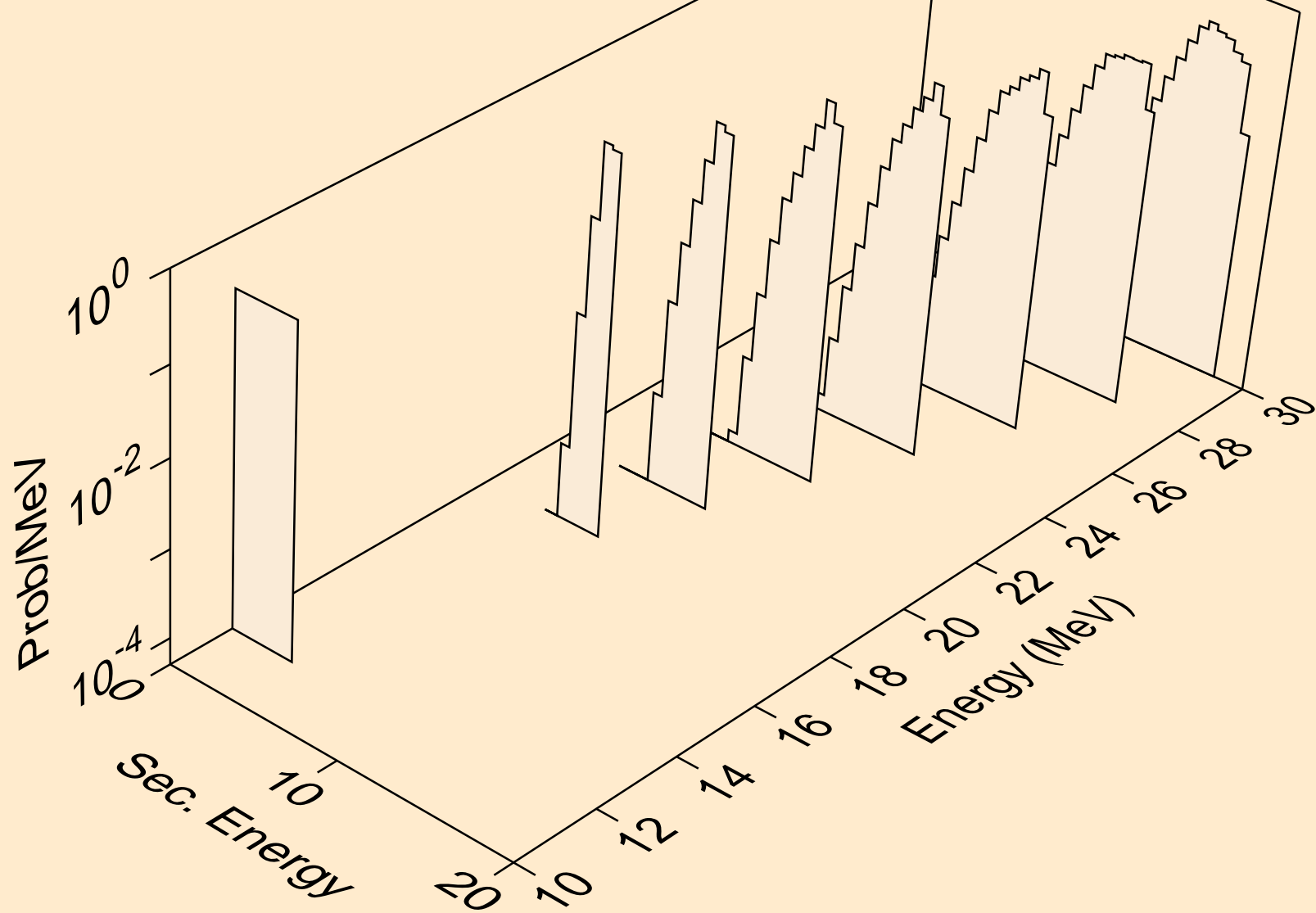


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

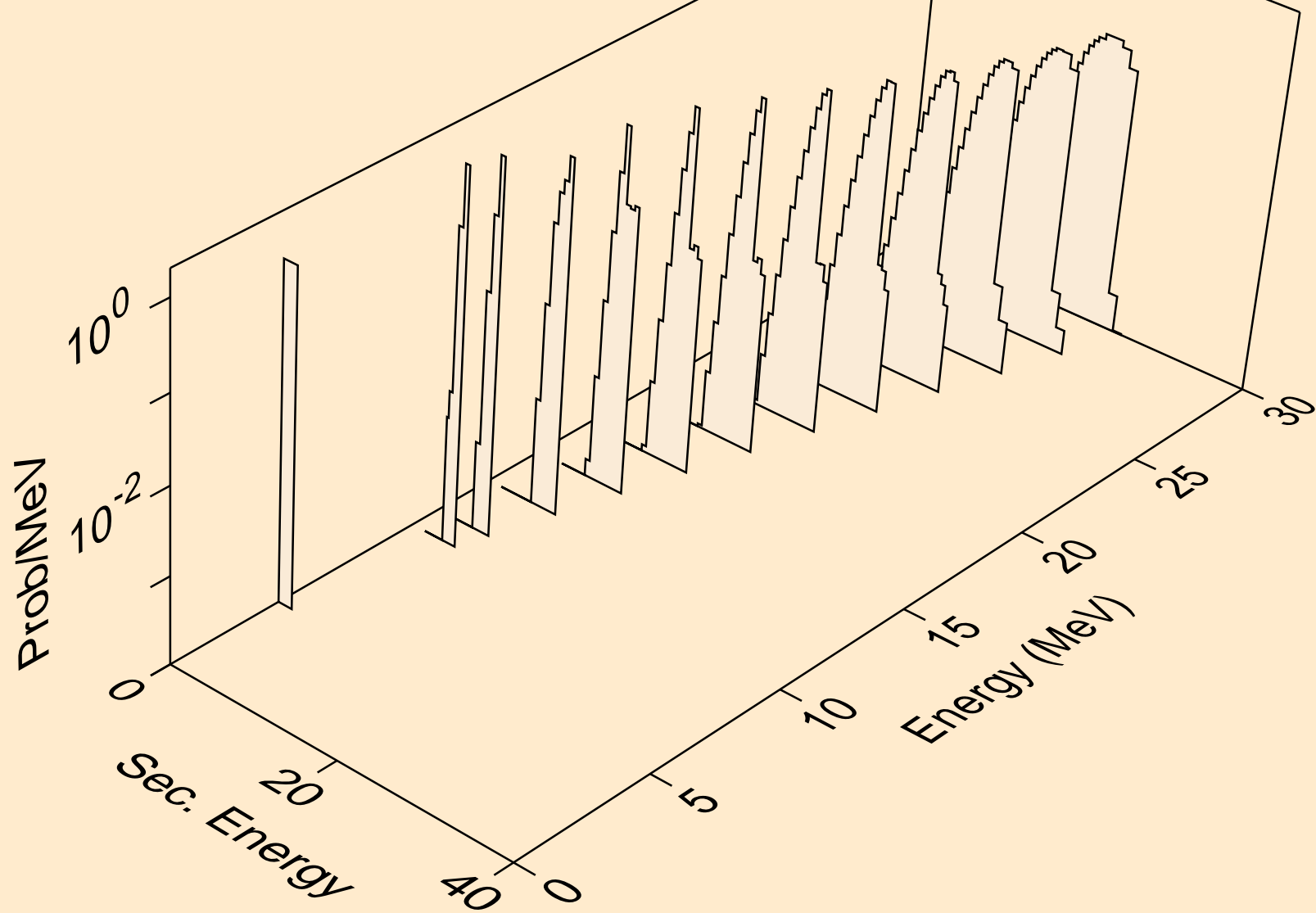




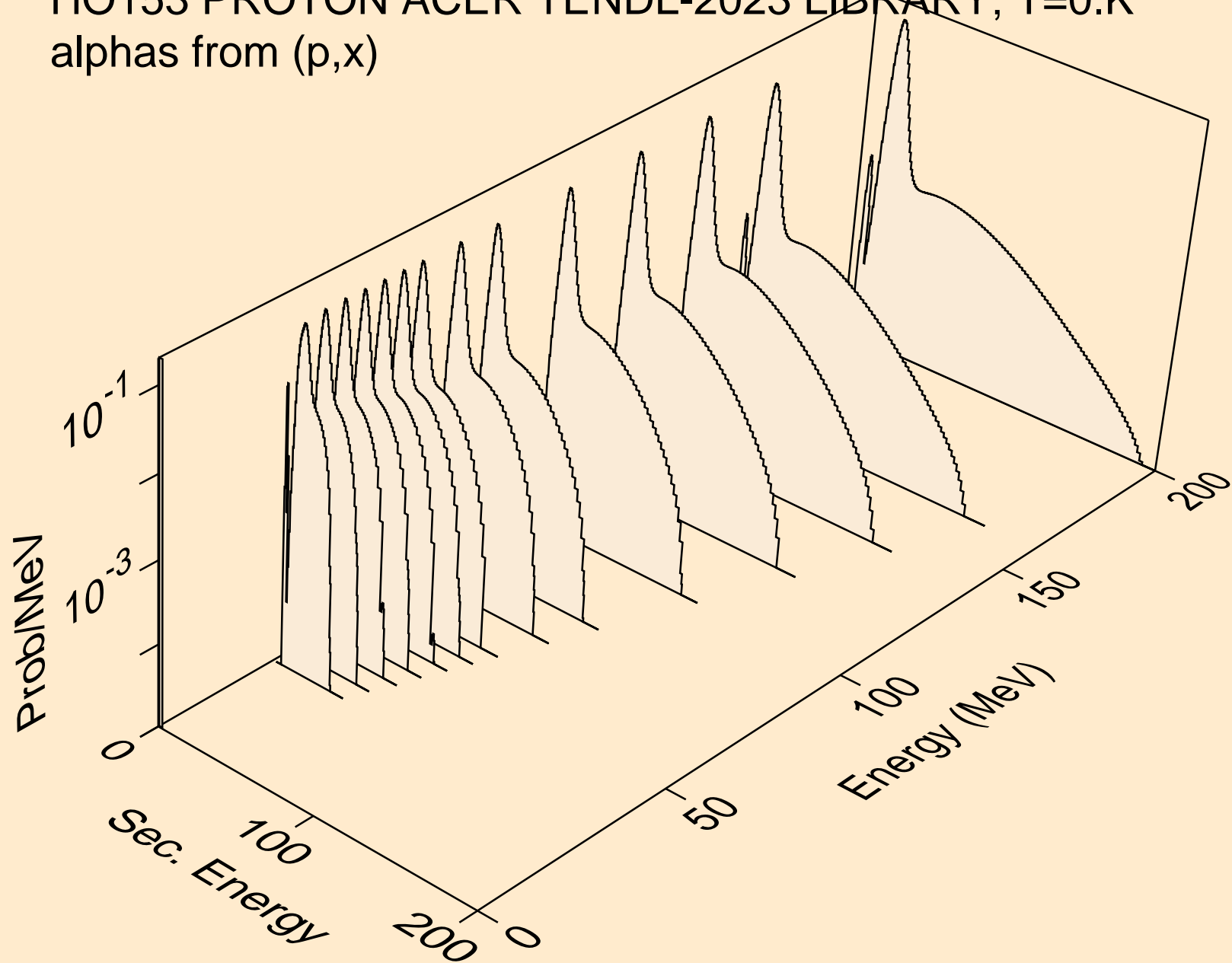
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



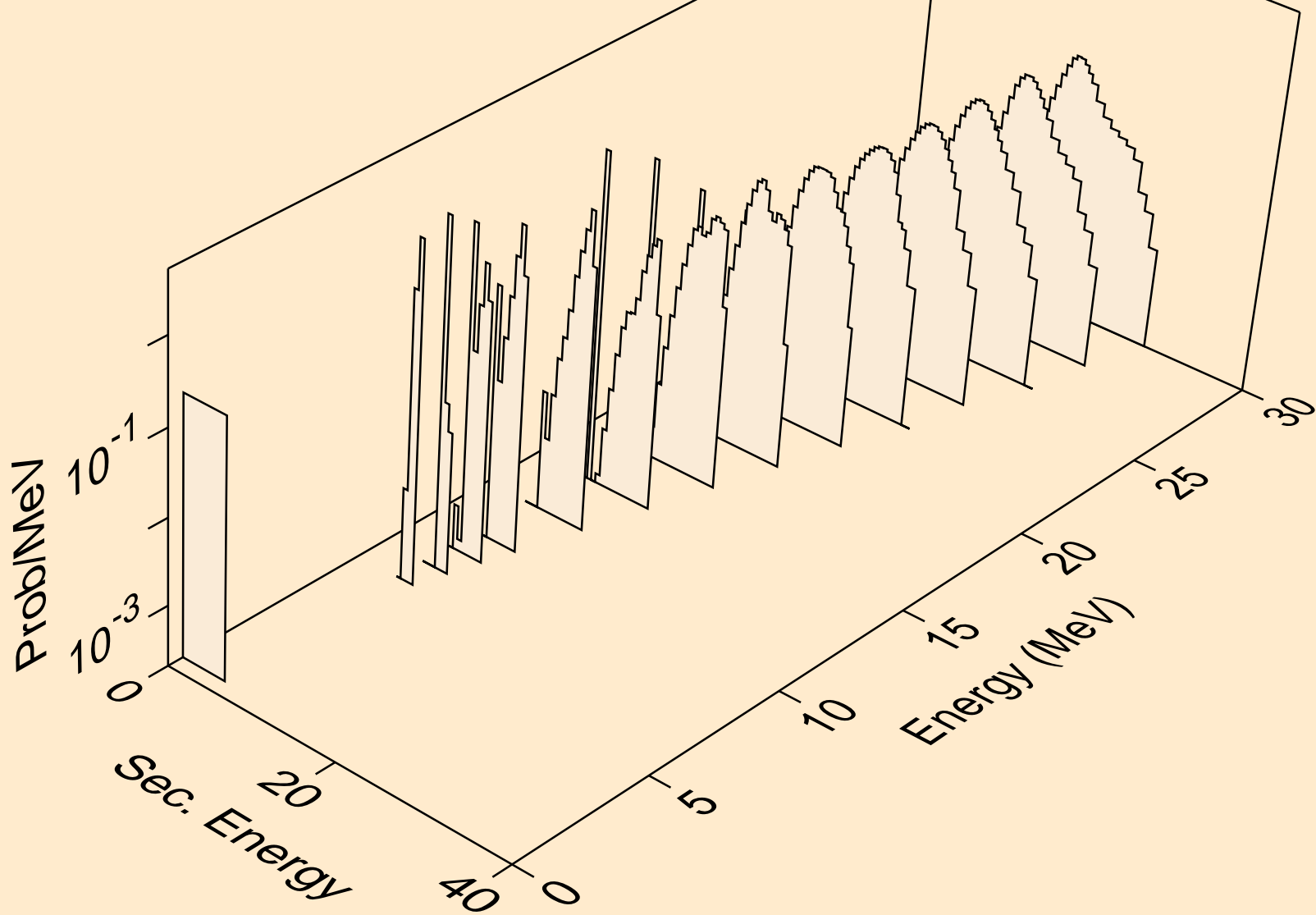
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



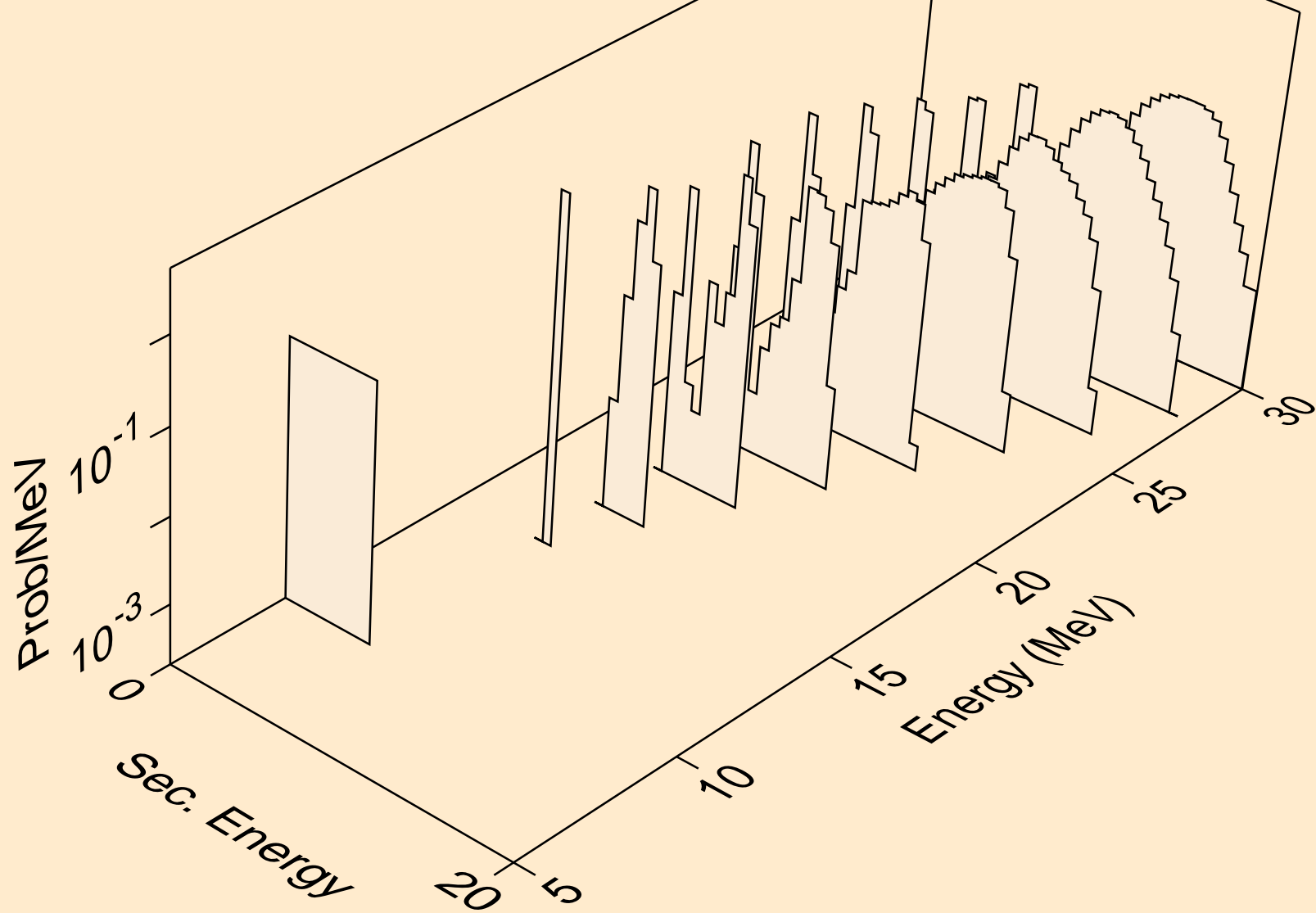
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



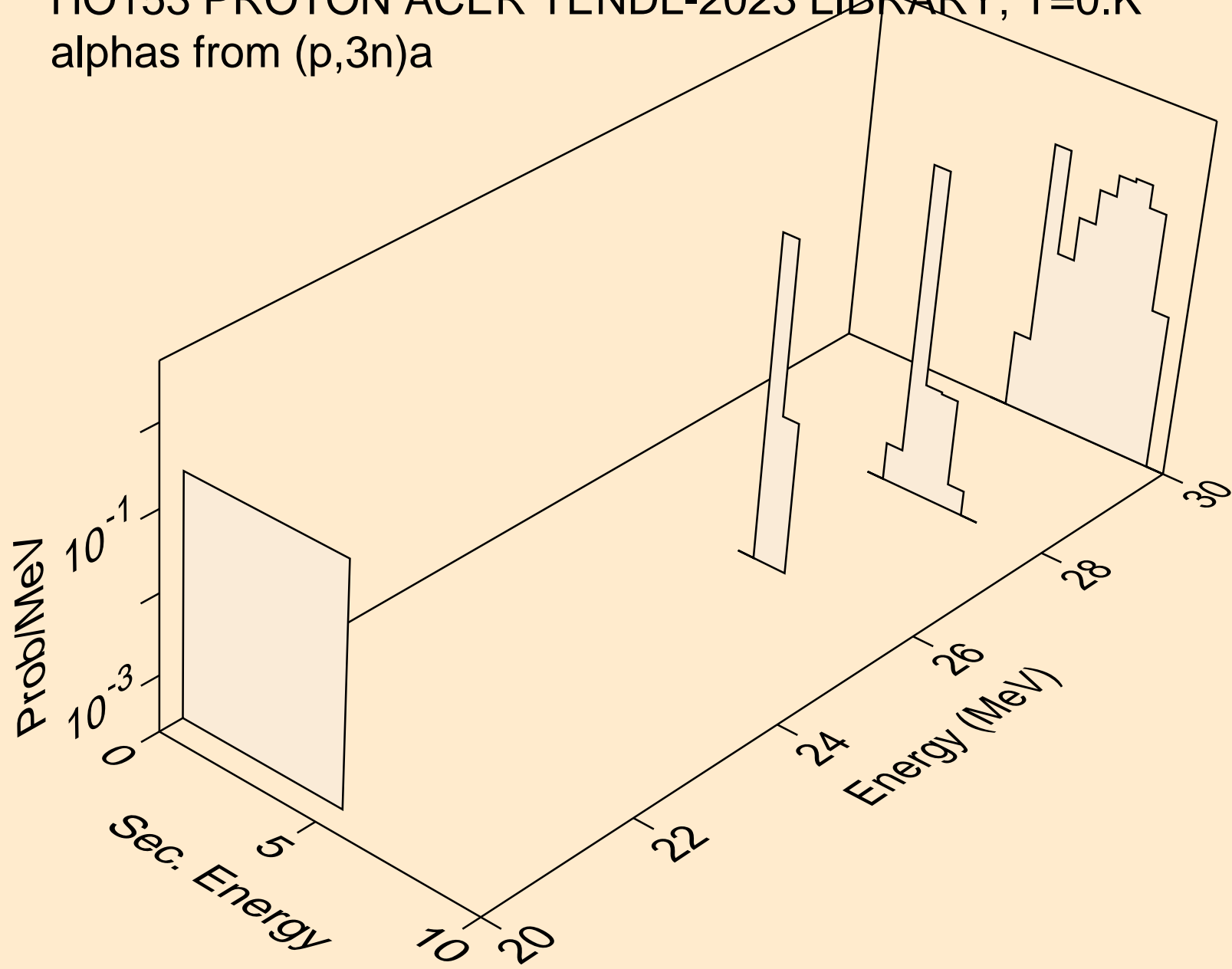
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



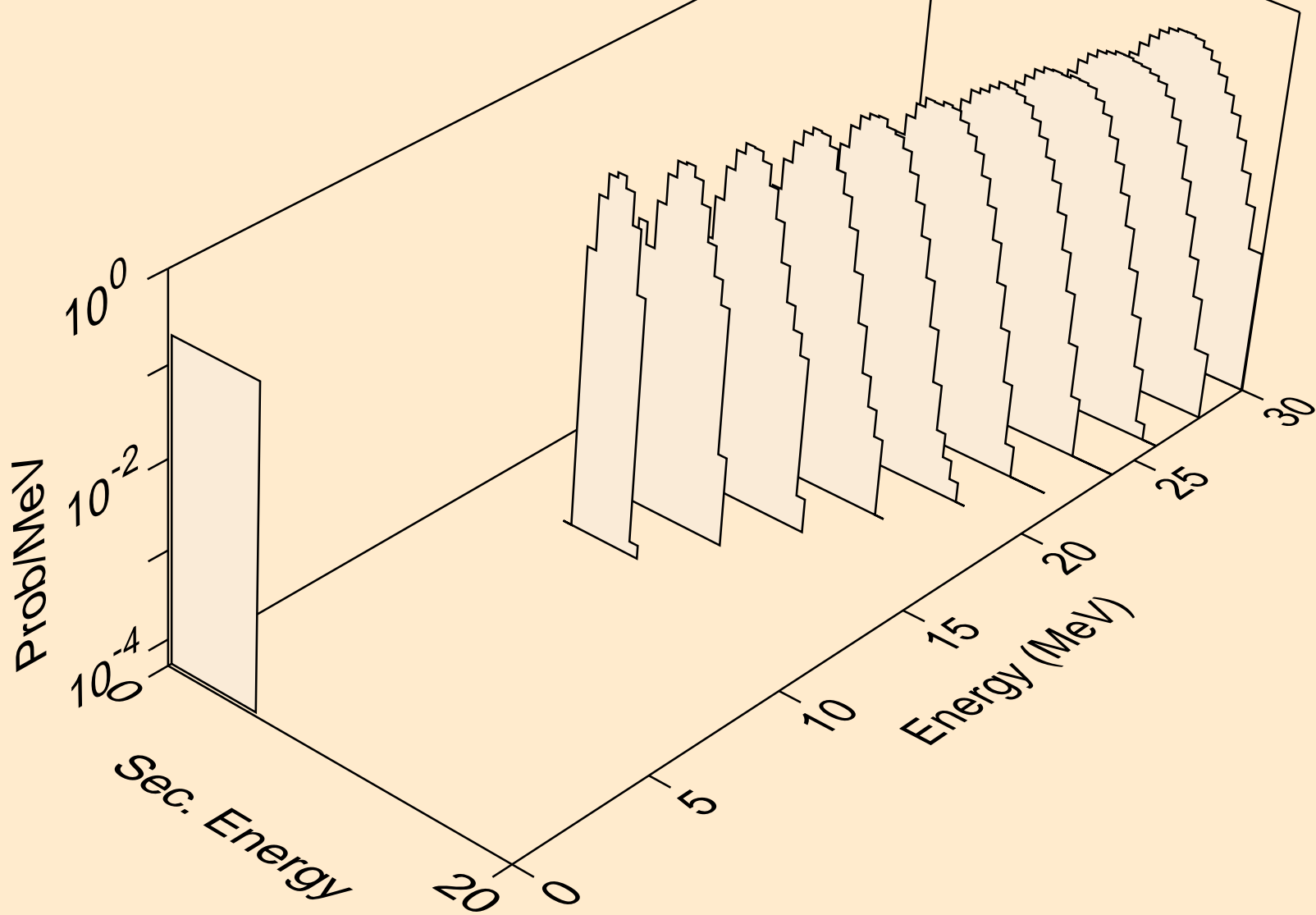
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



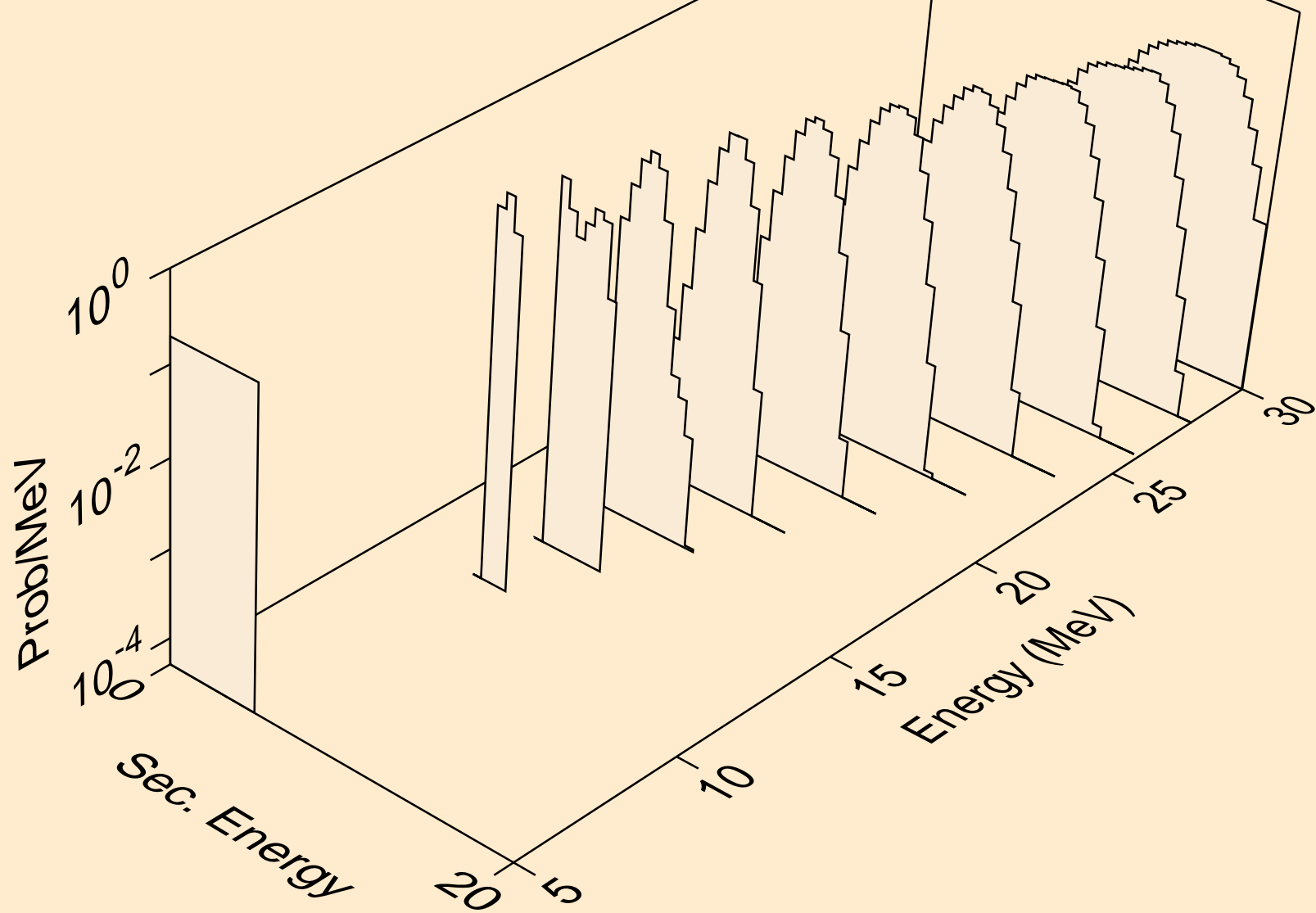
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a

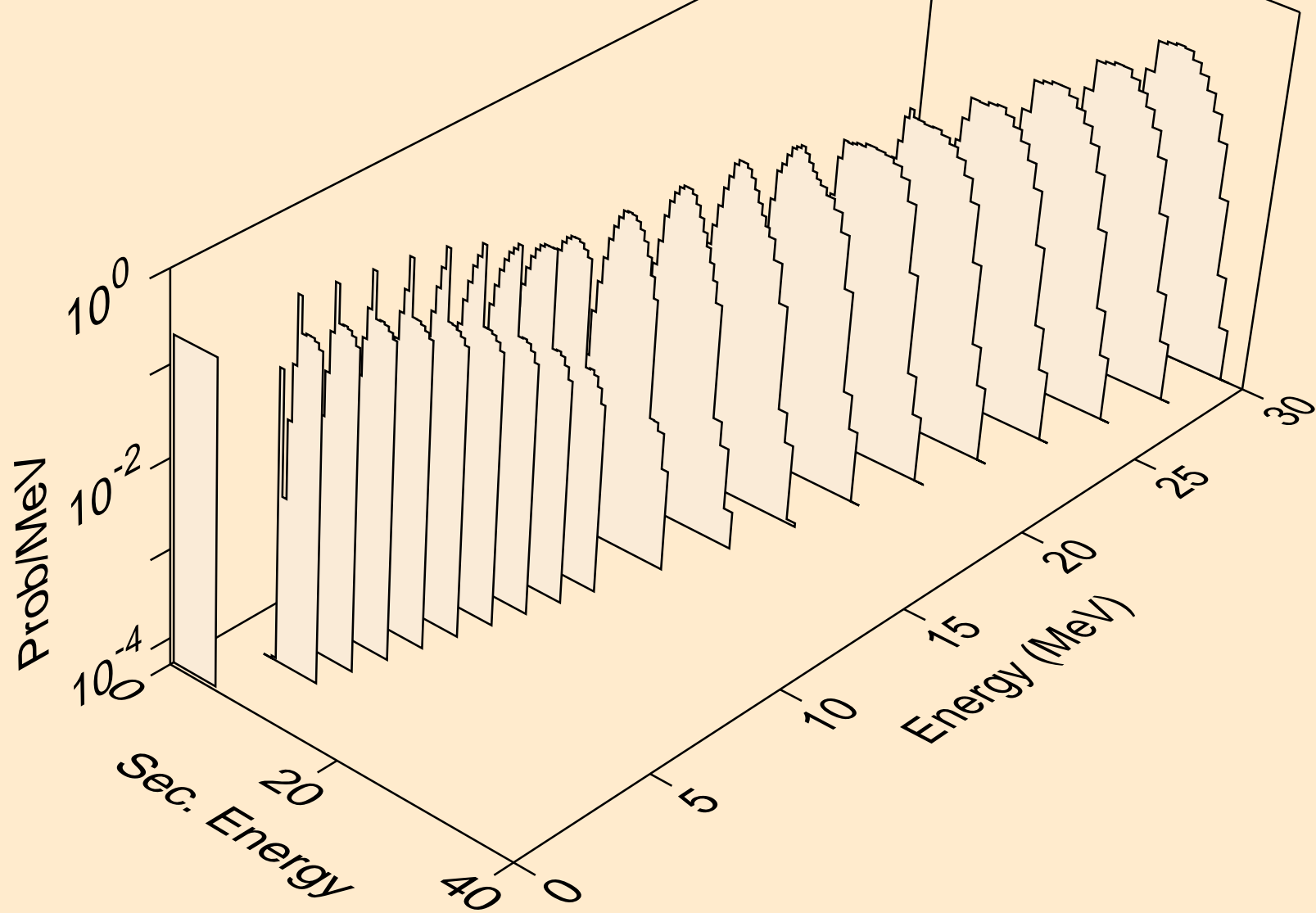


HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)

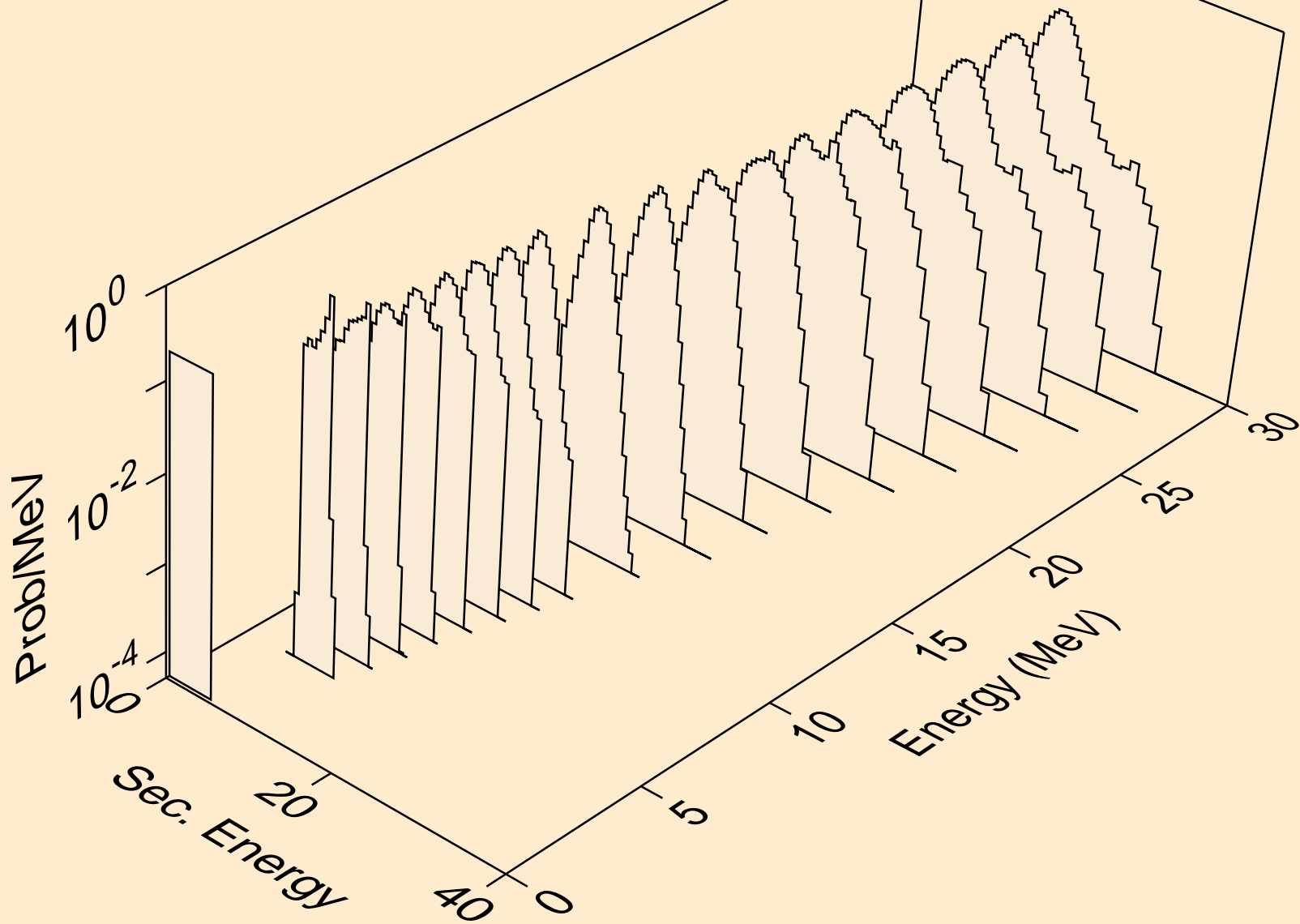




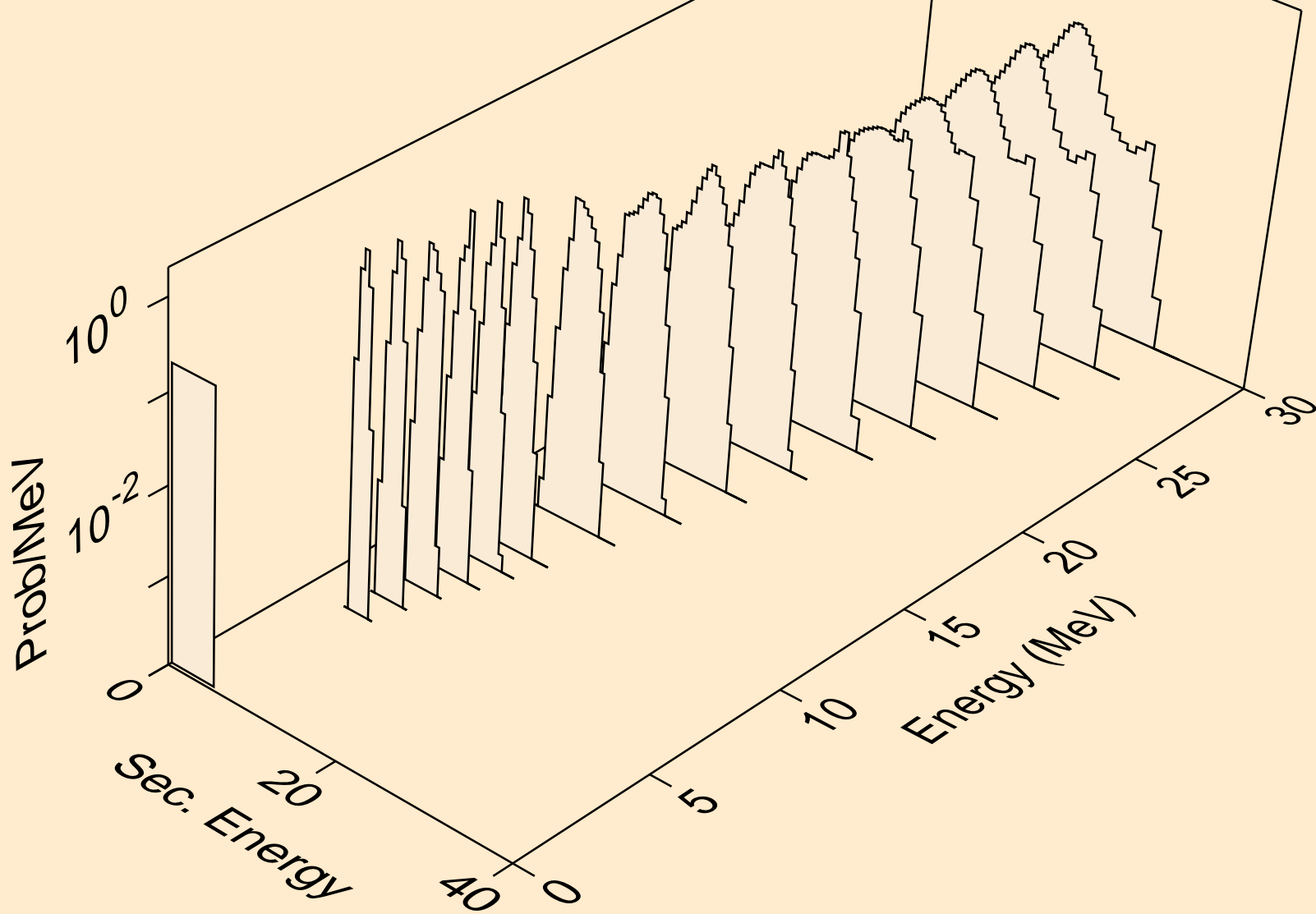
HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



HO153 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

