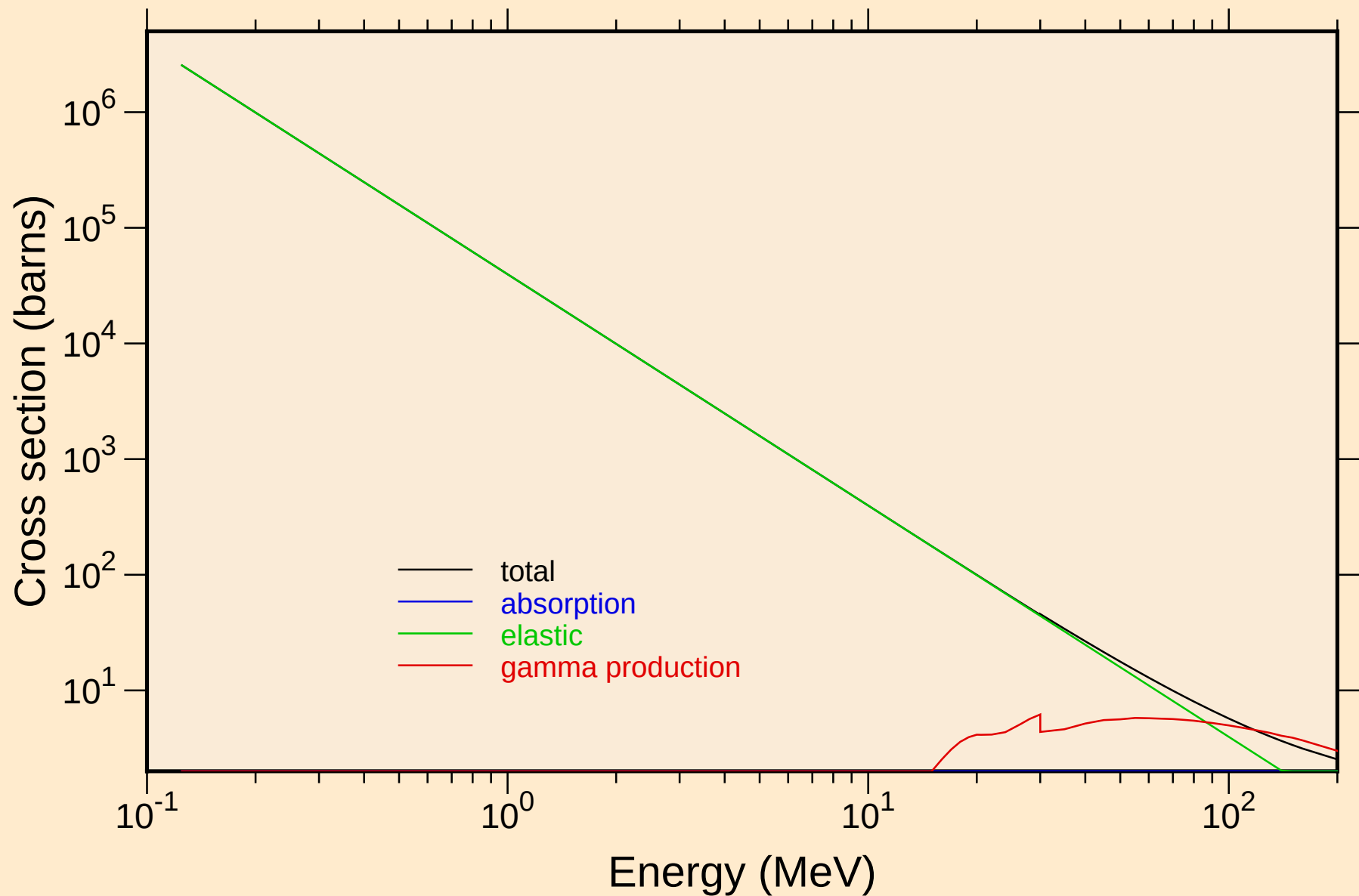


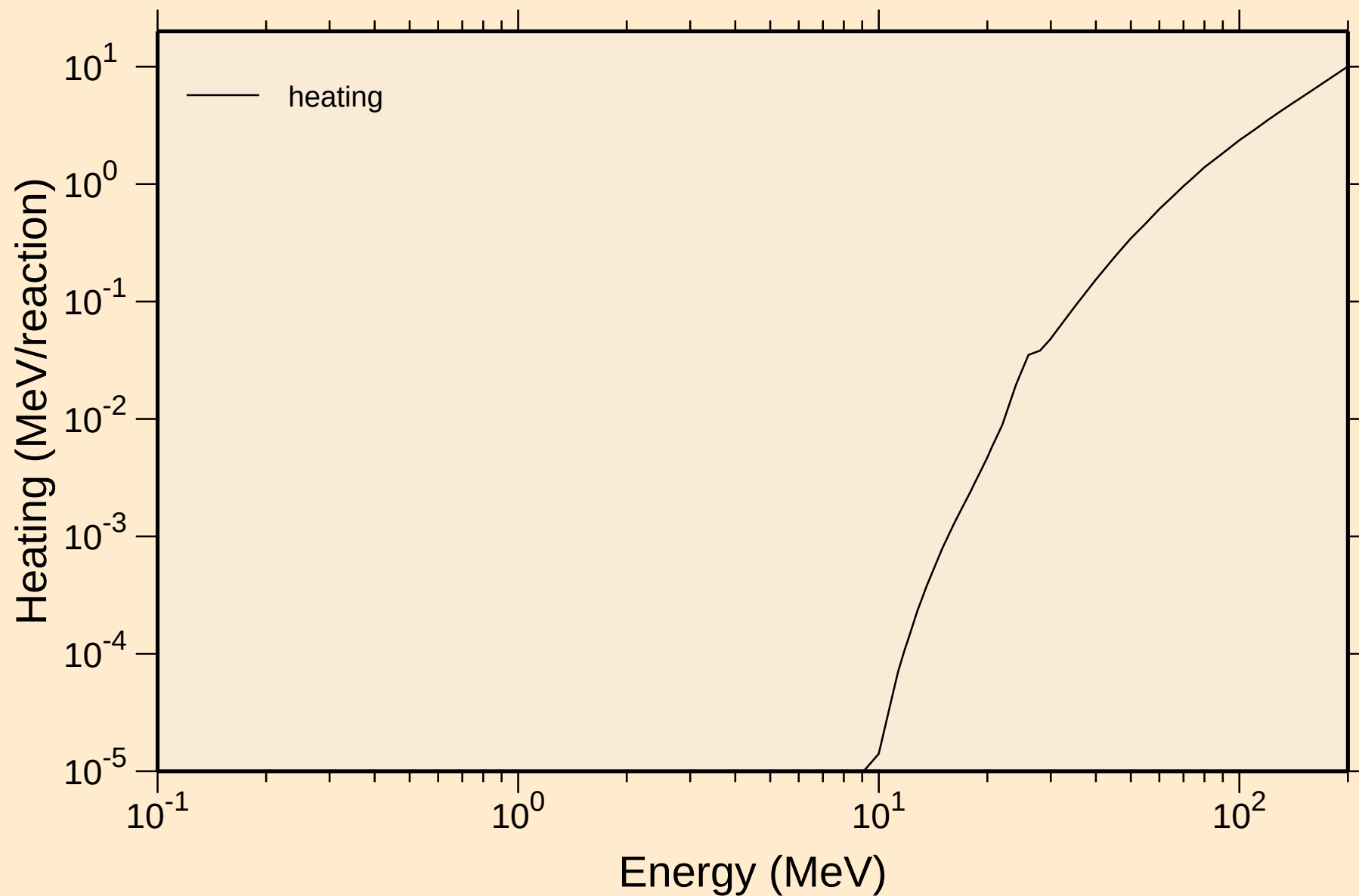
# HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



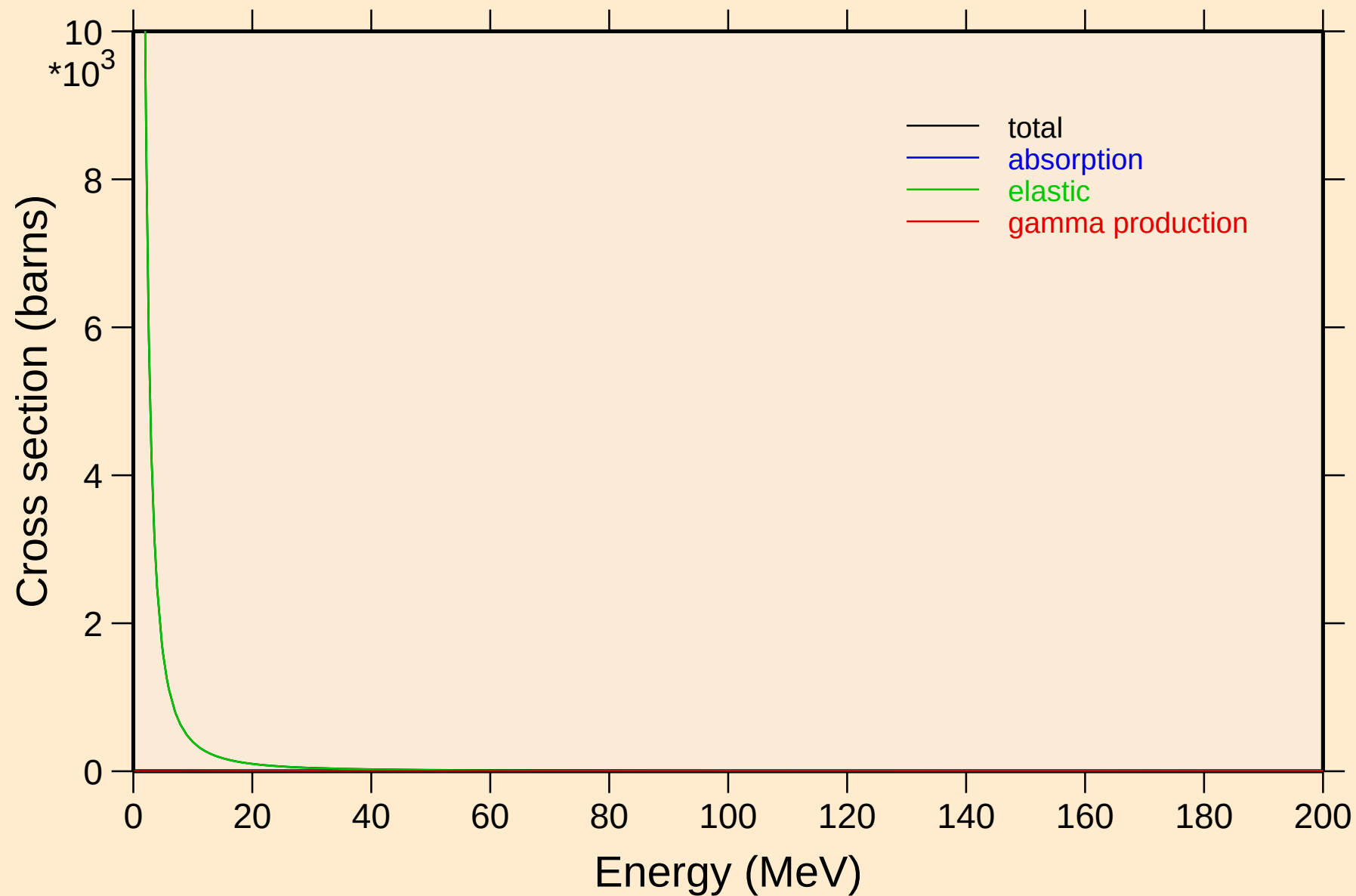
# HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



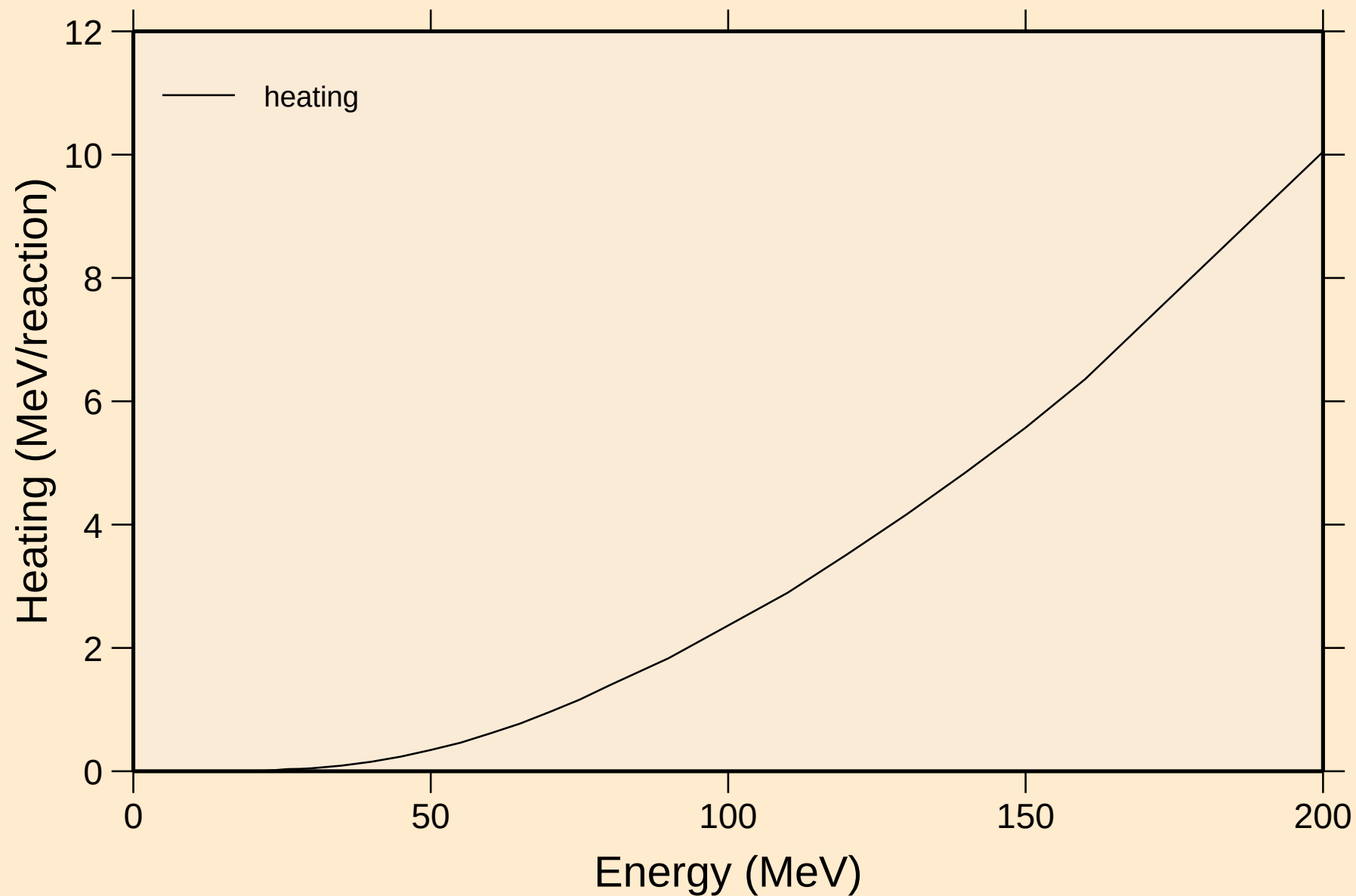
# HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



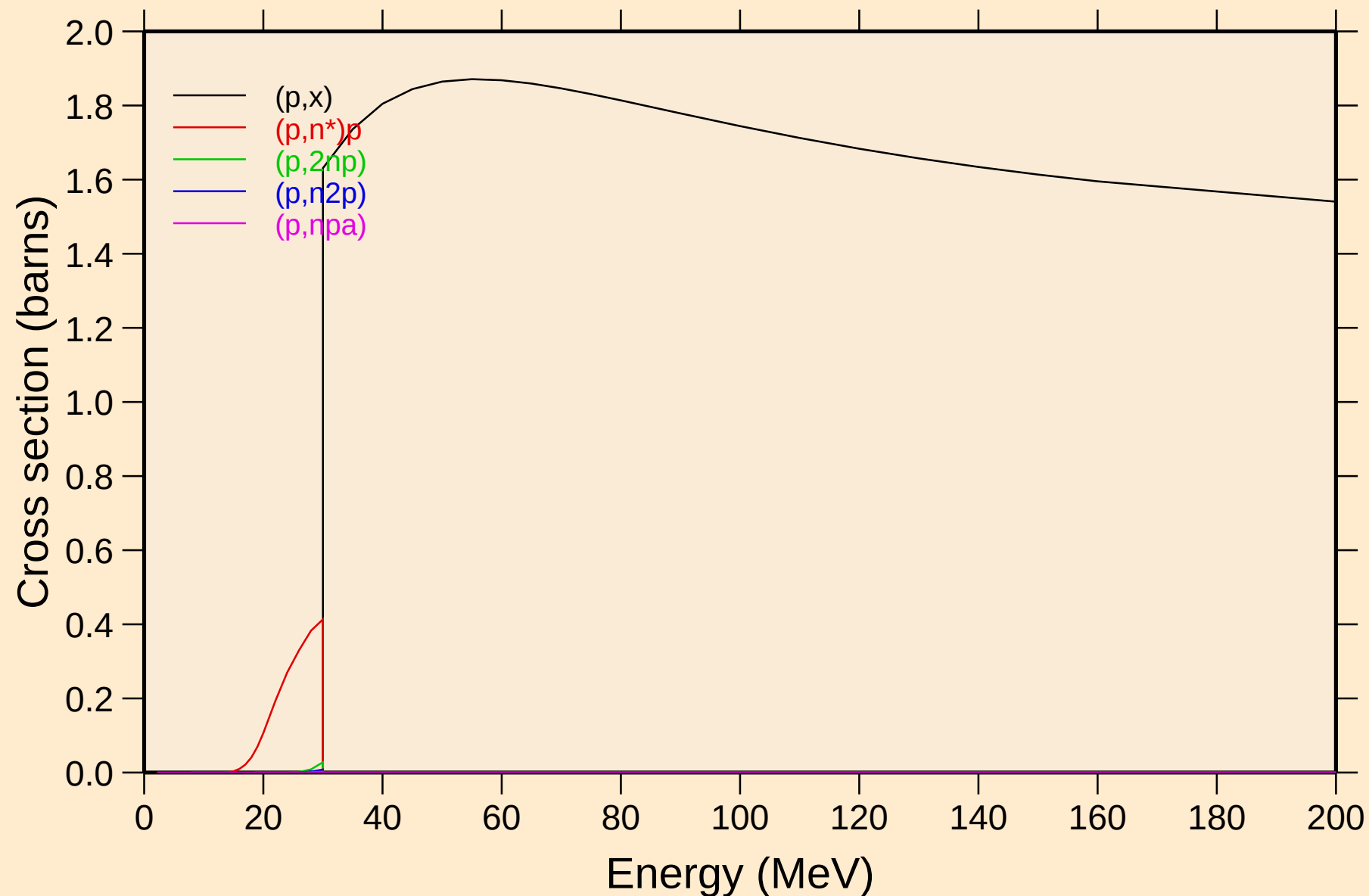
# HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



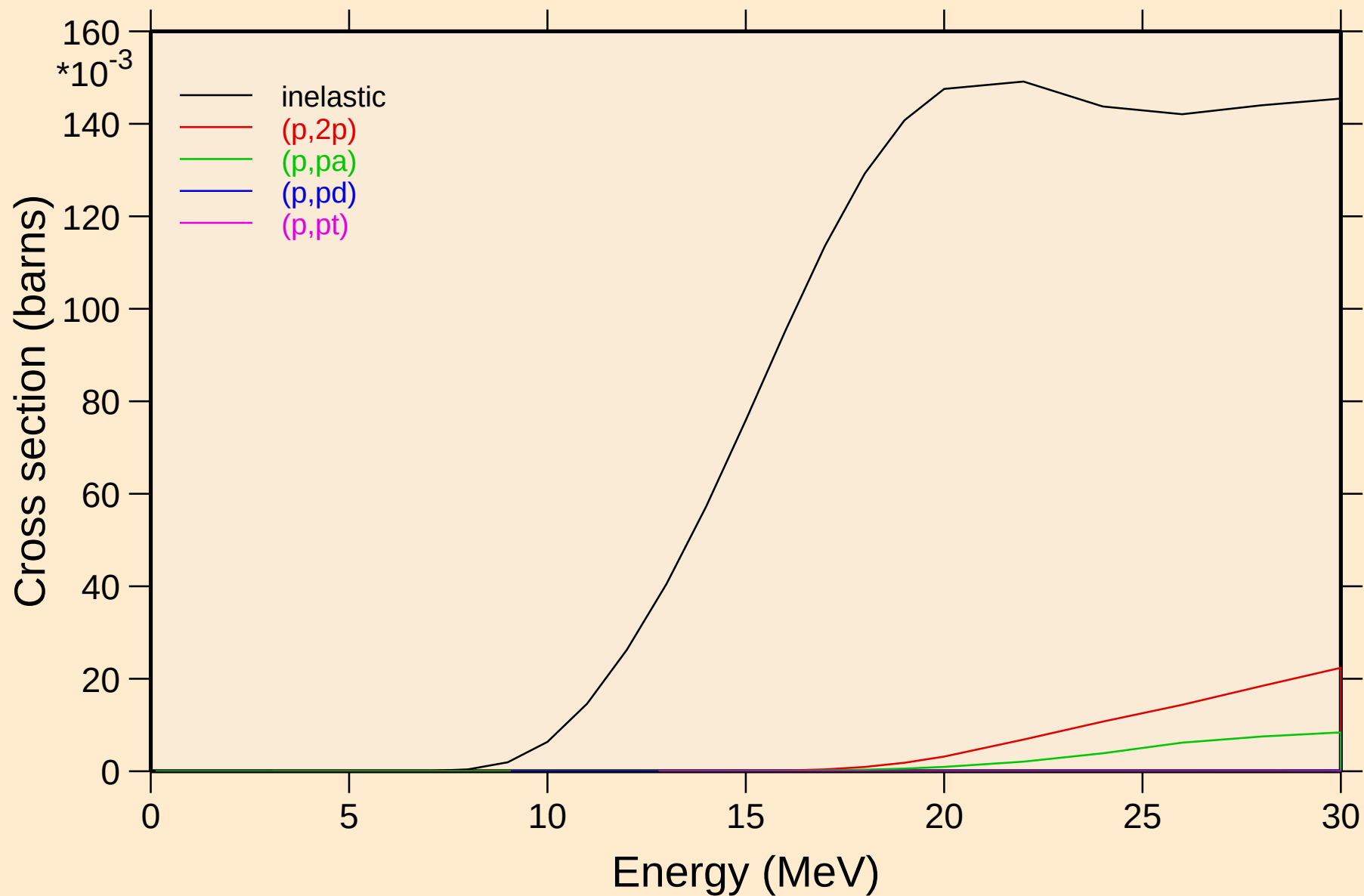
# HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



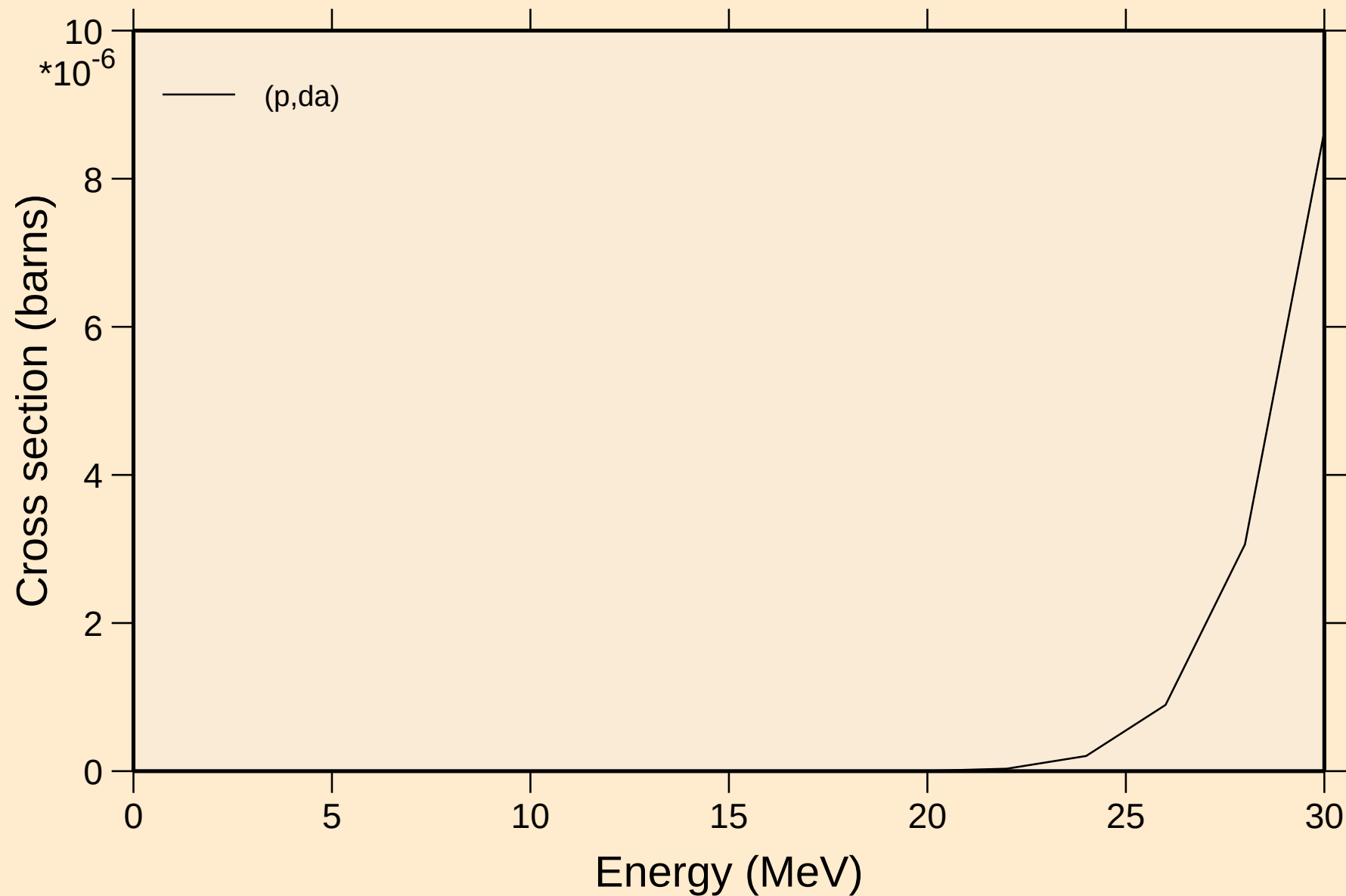
# HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

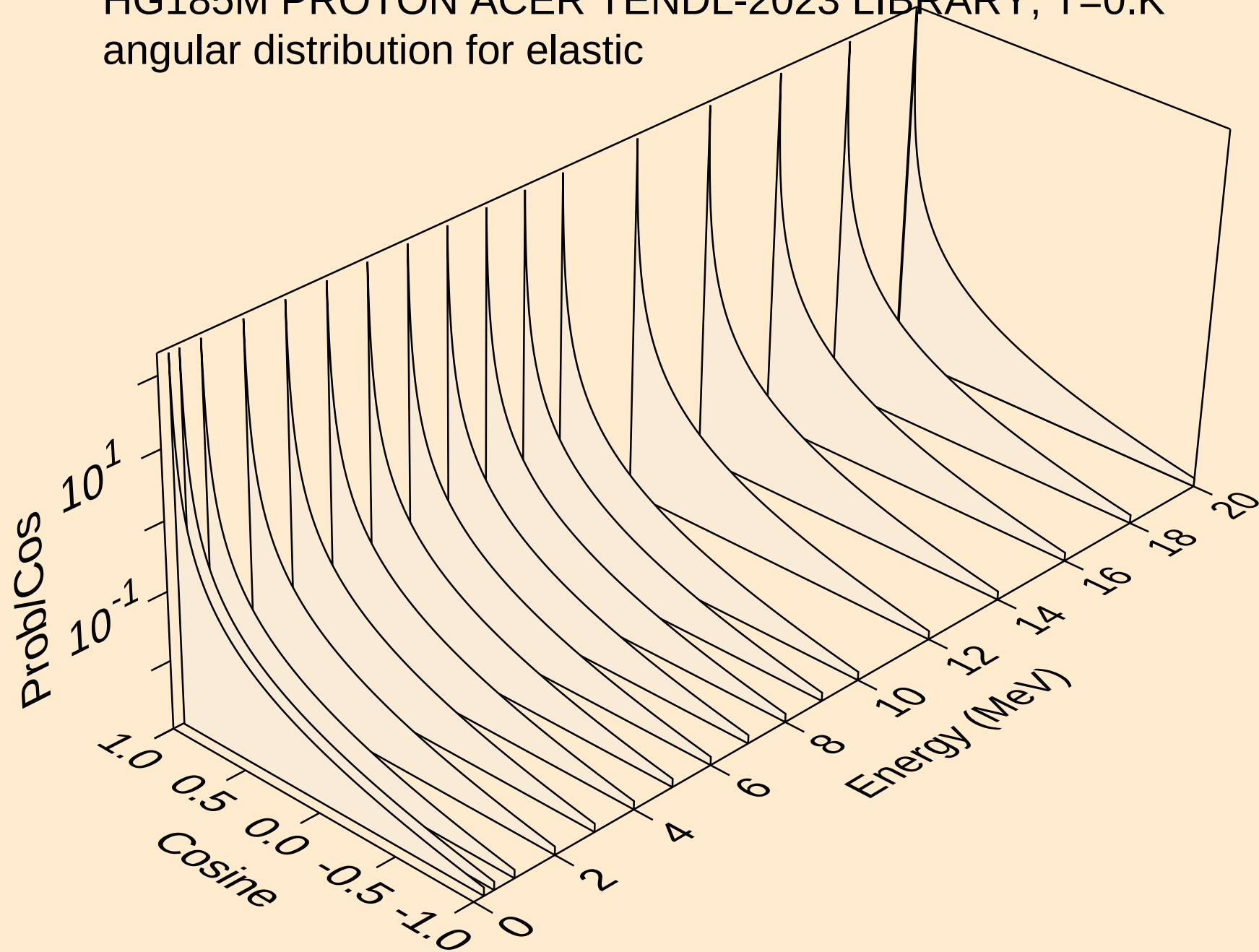


# HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

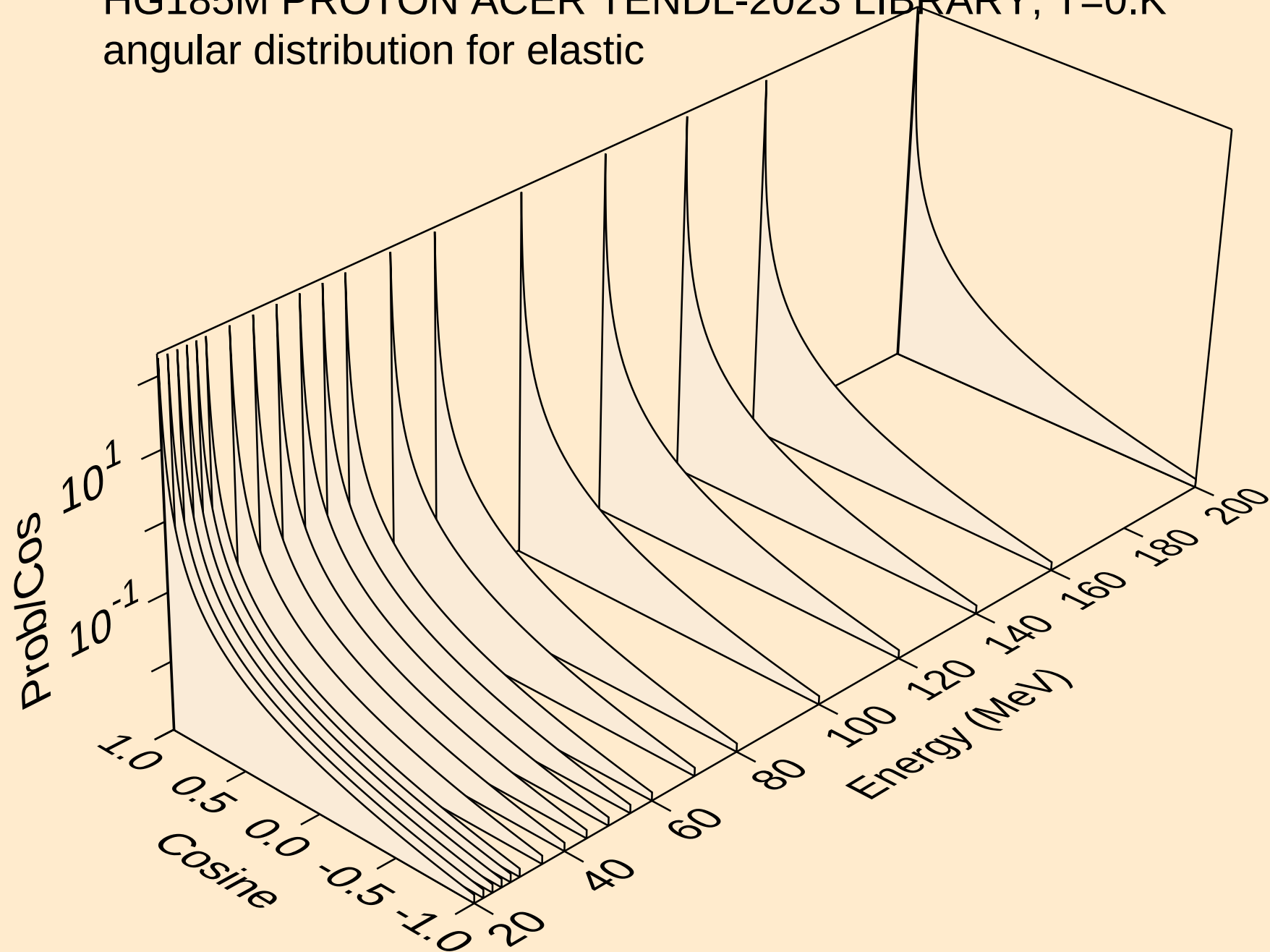


HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

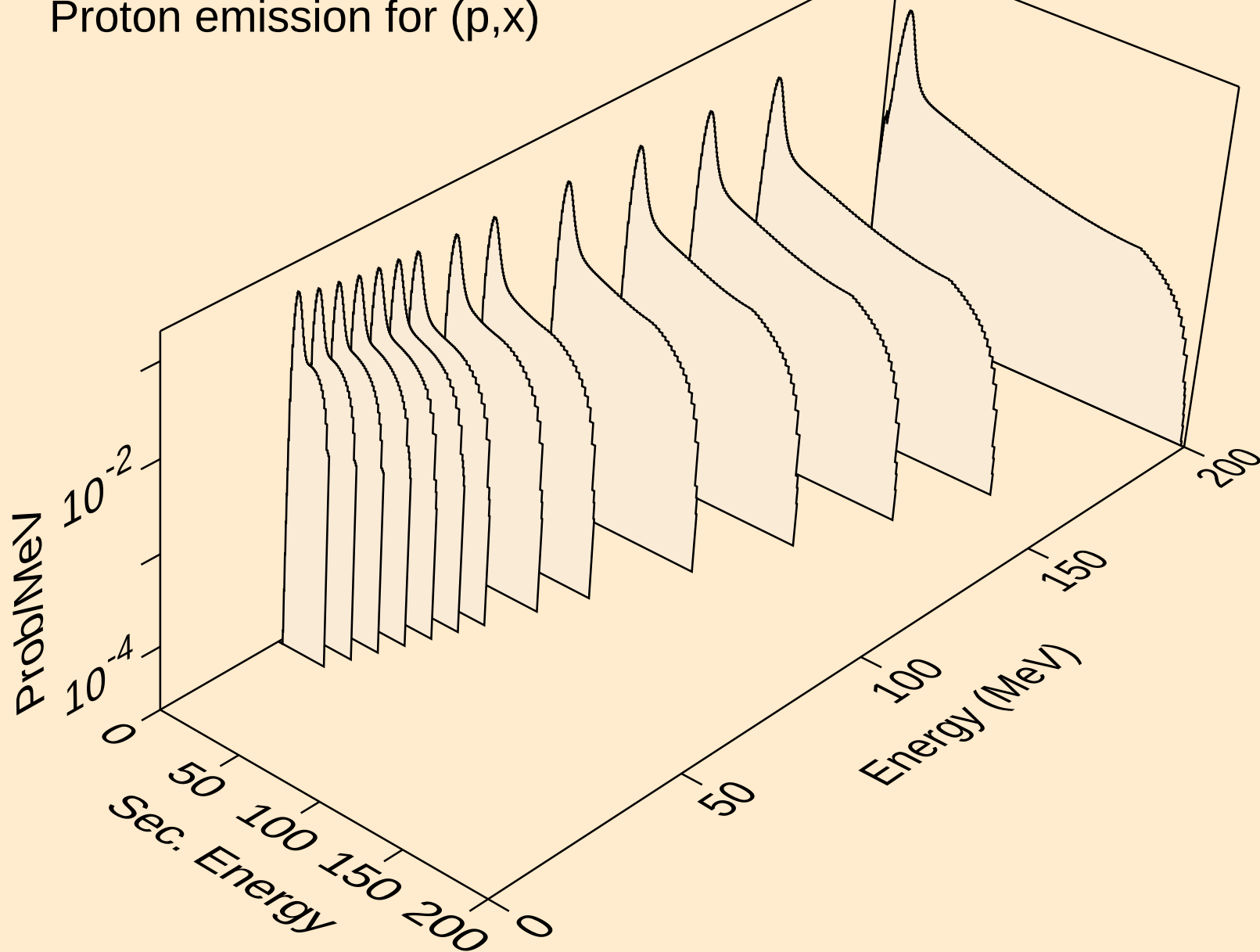




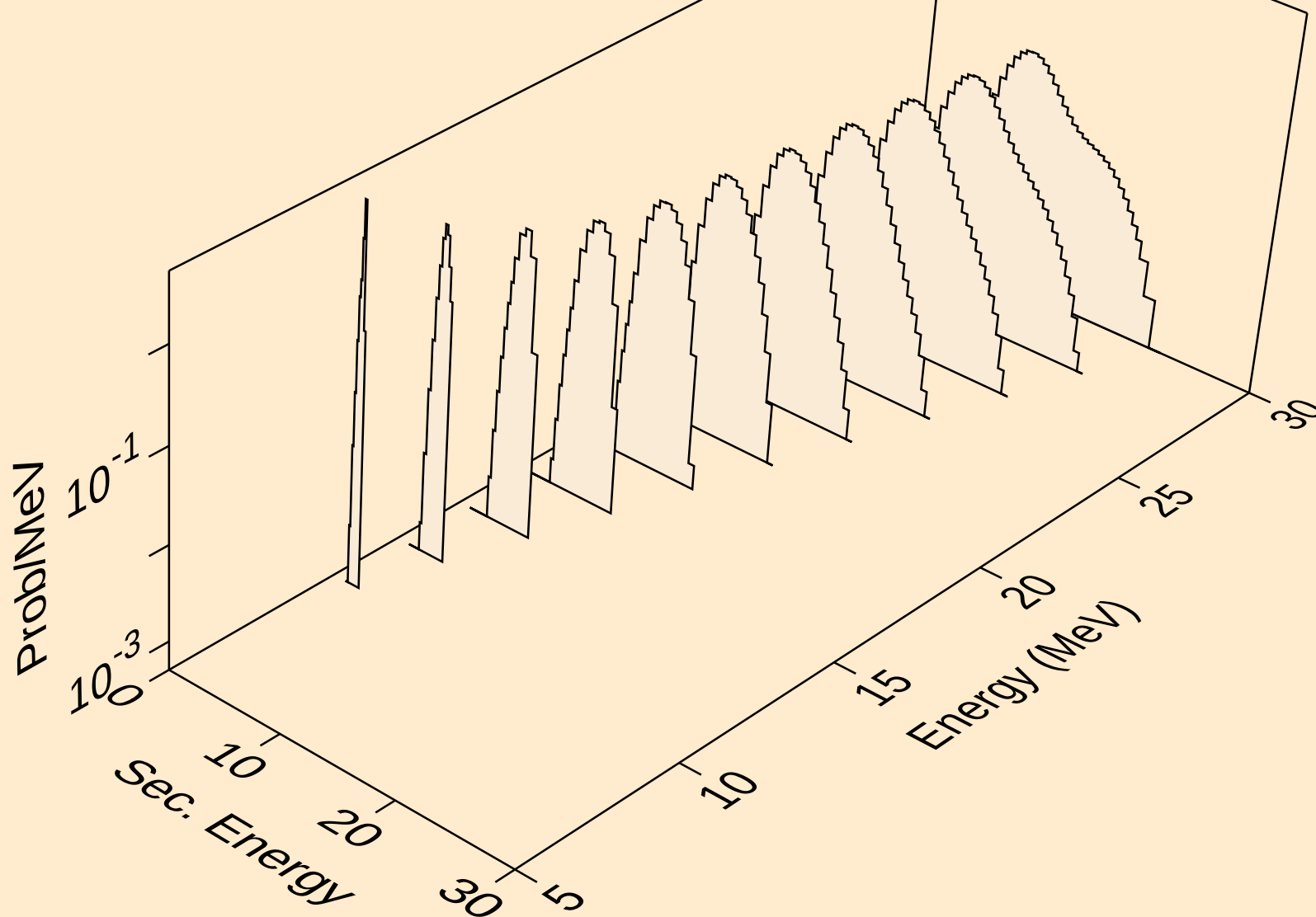
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



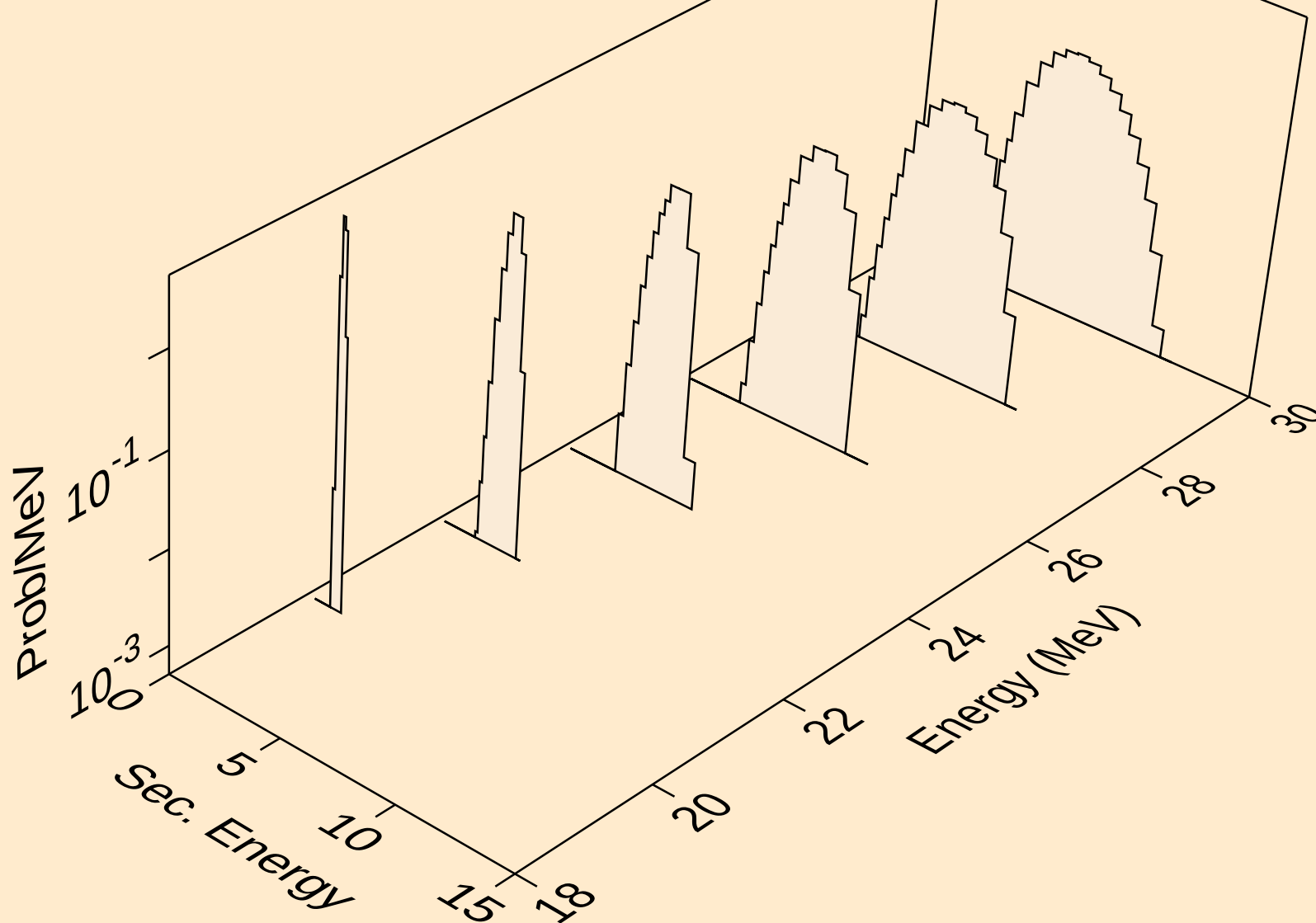
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



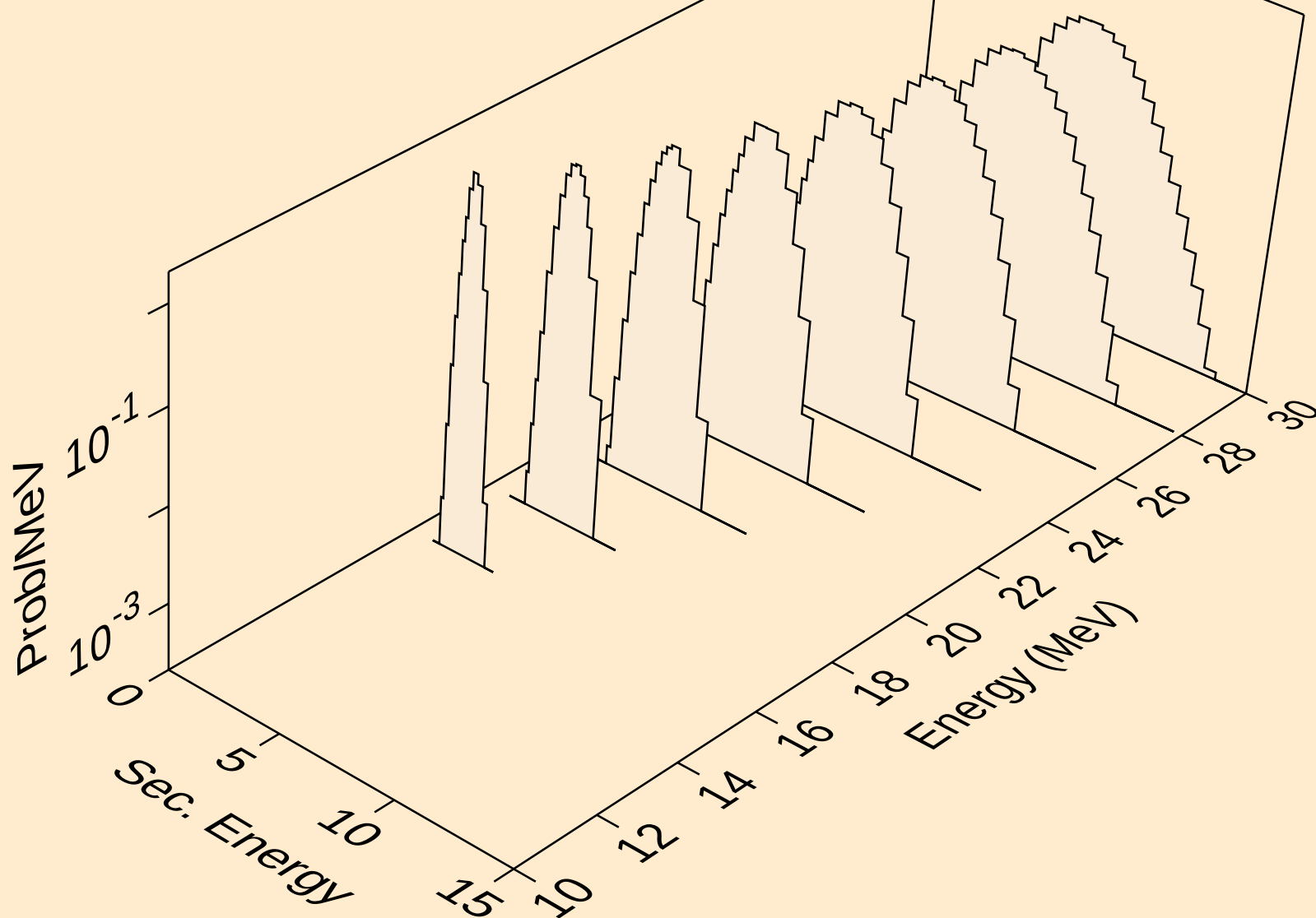
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



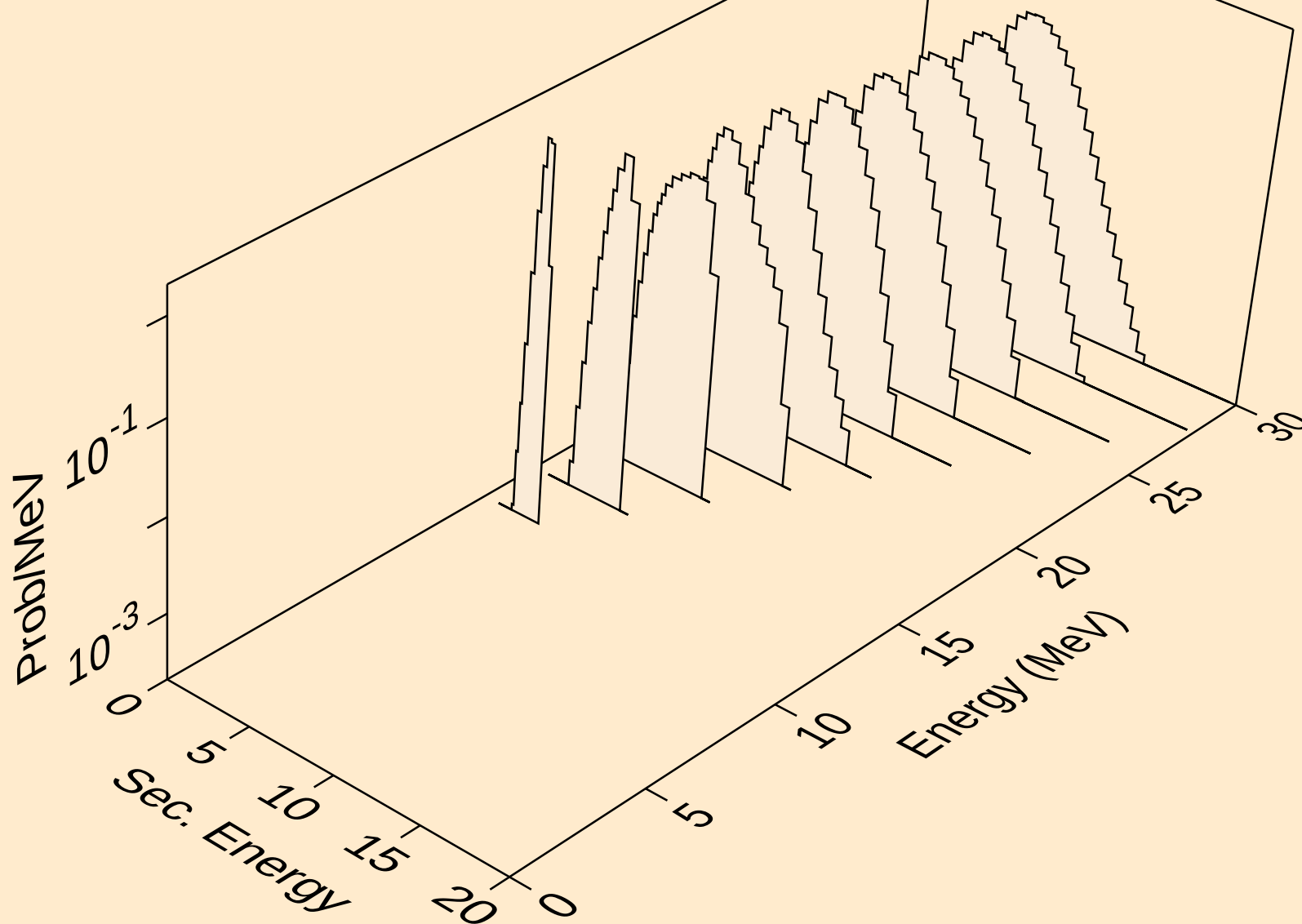
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



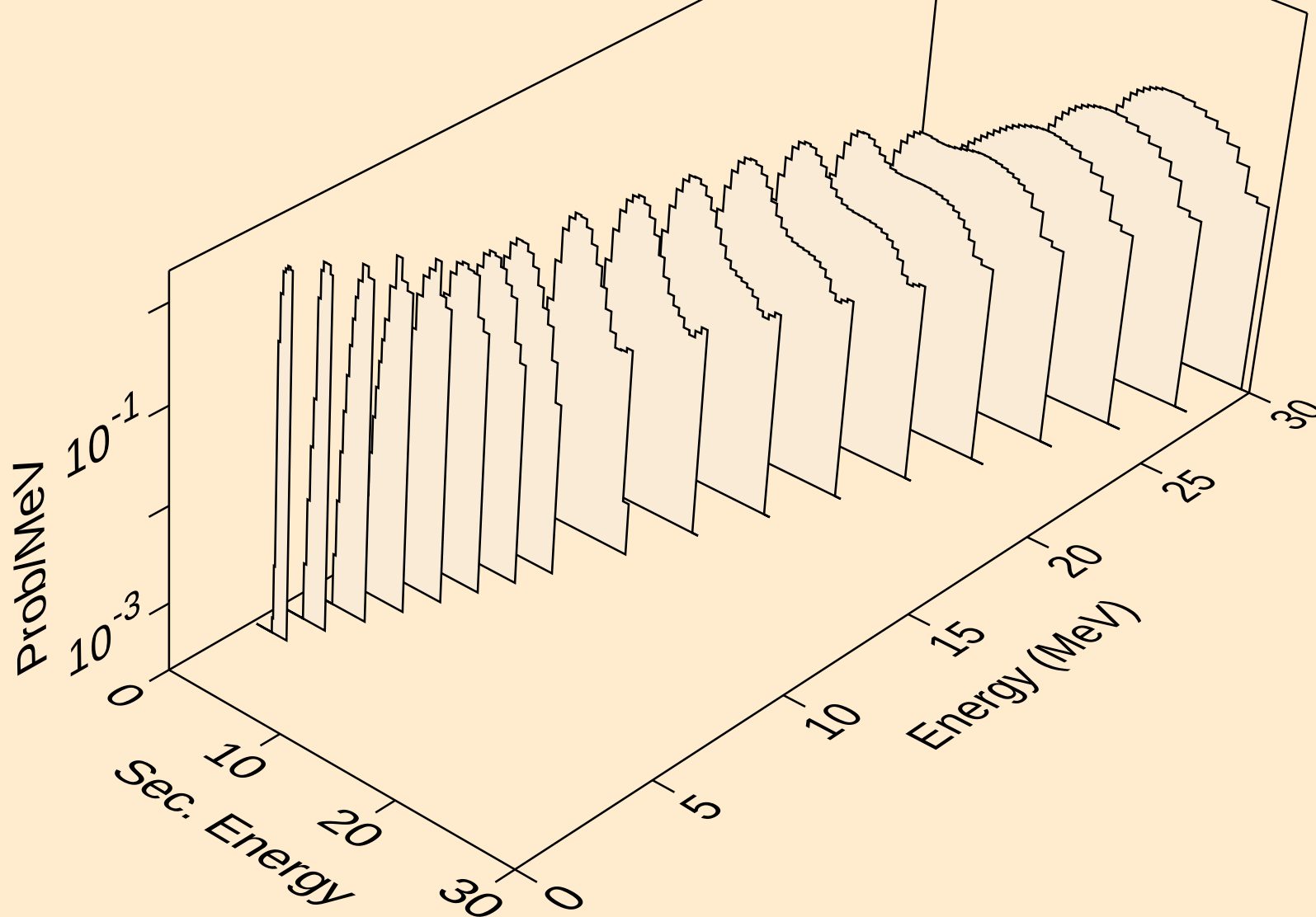
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



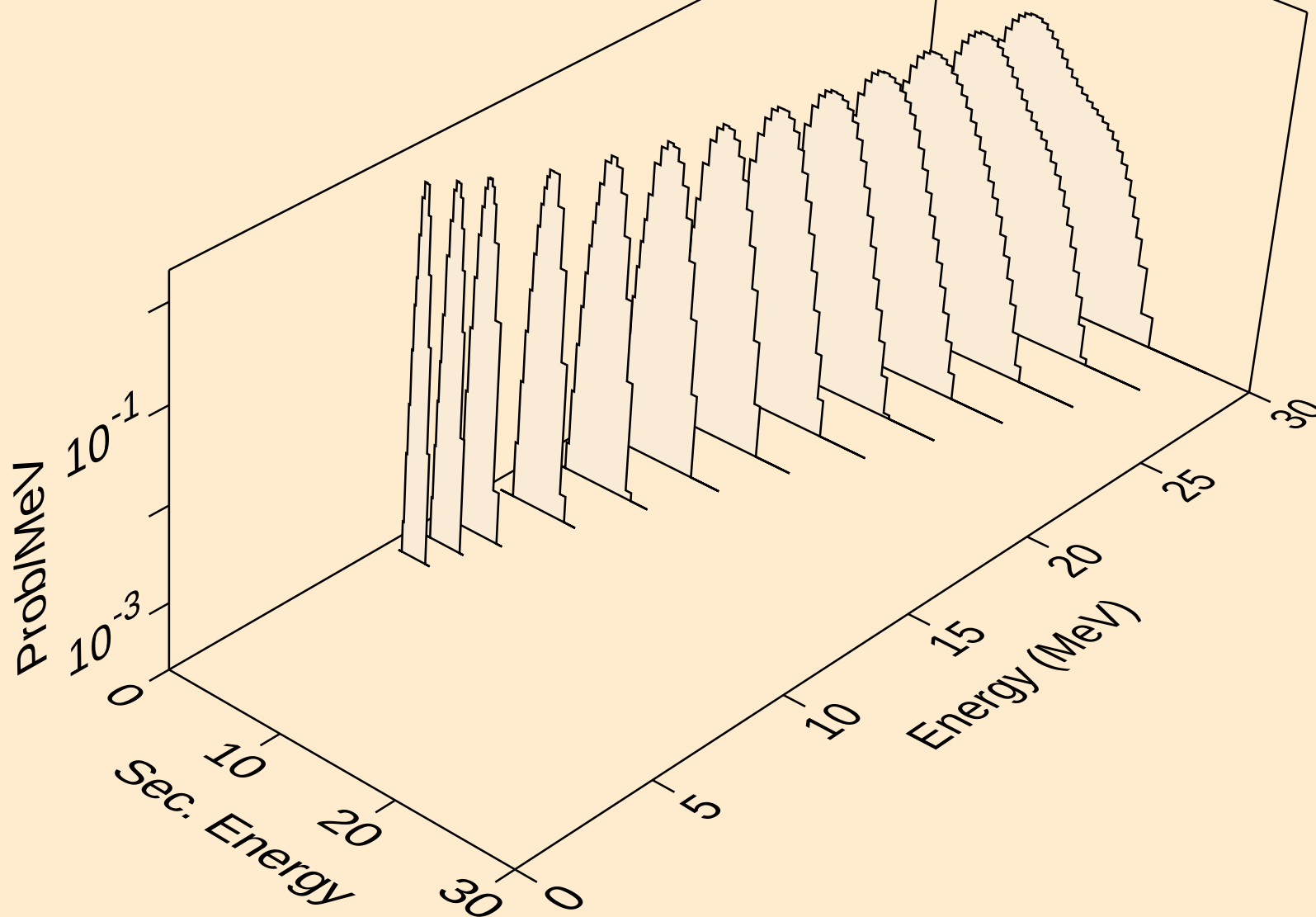
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

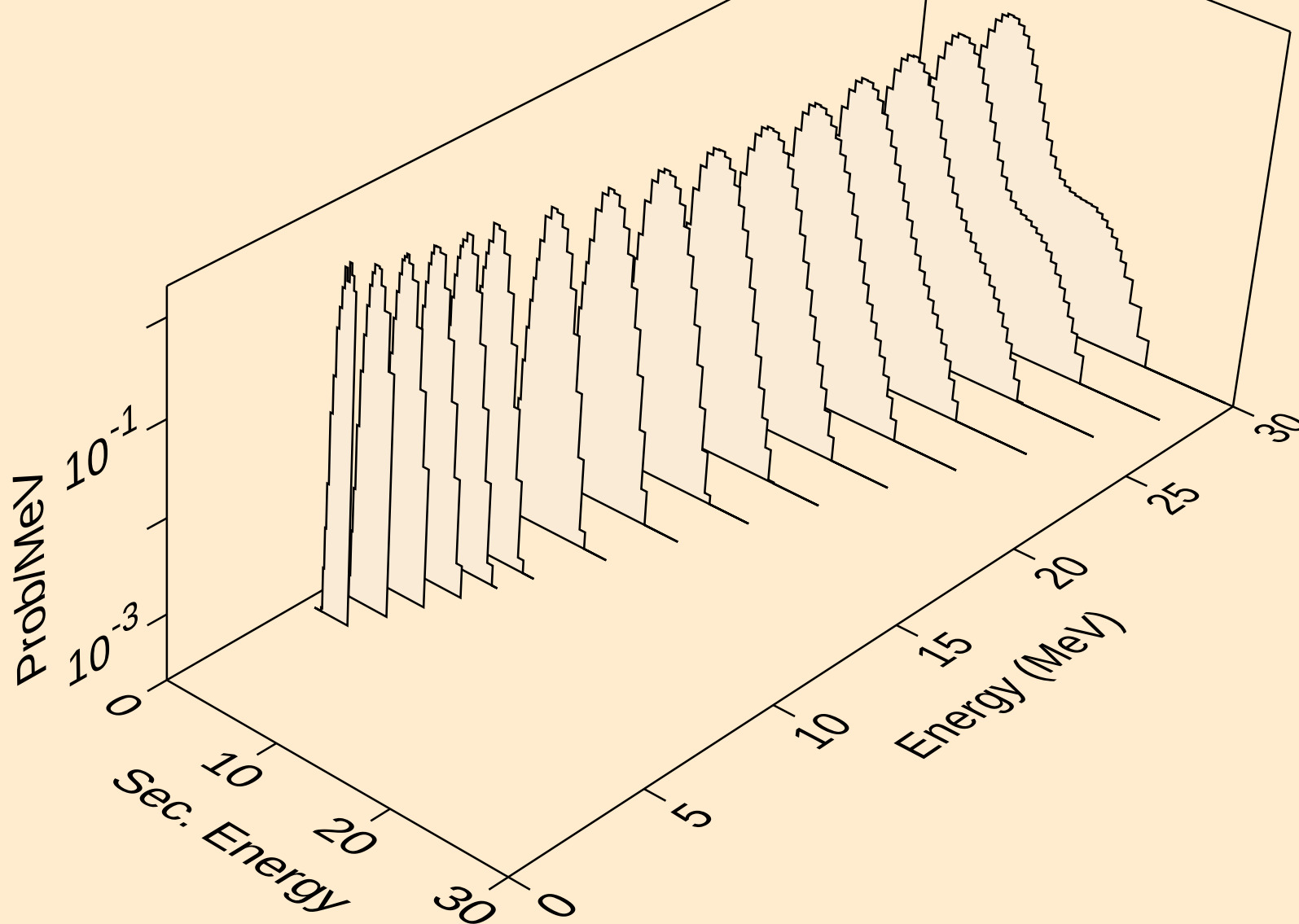


HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

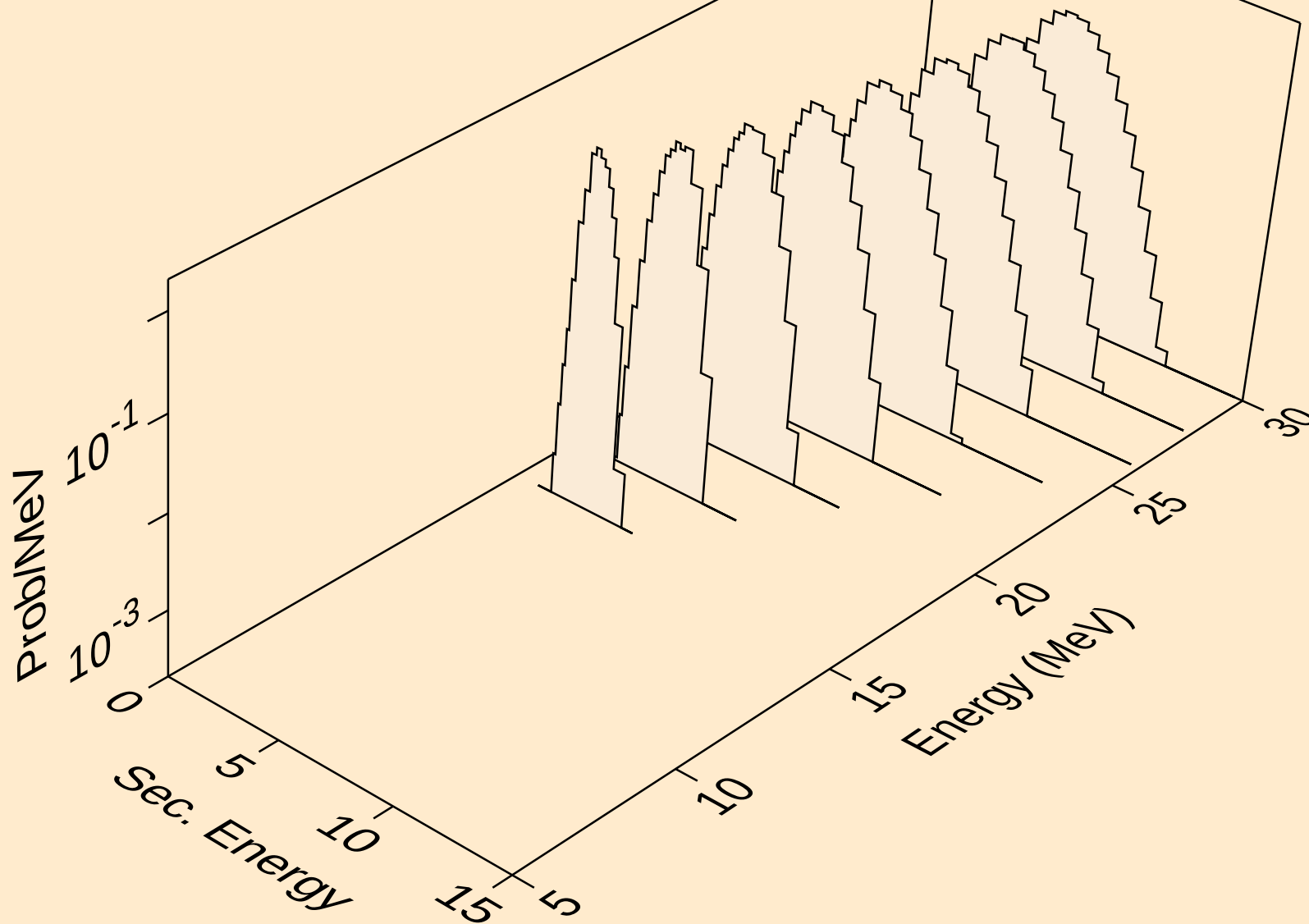




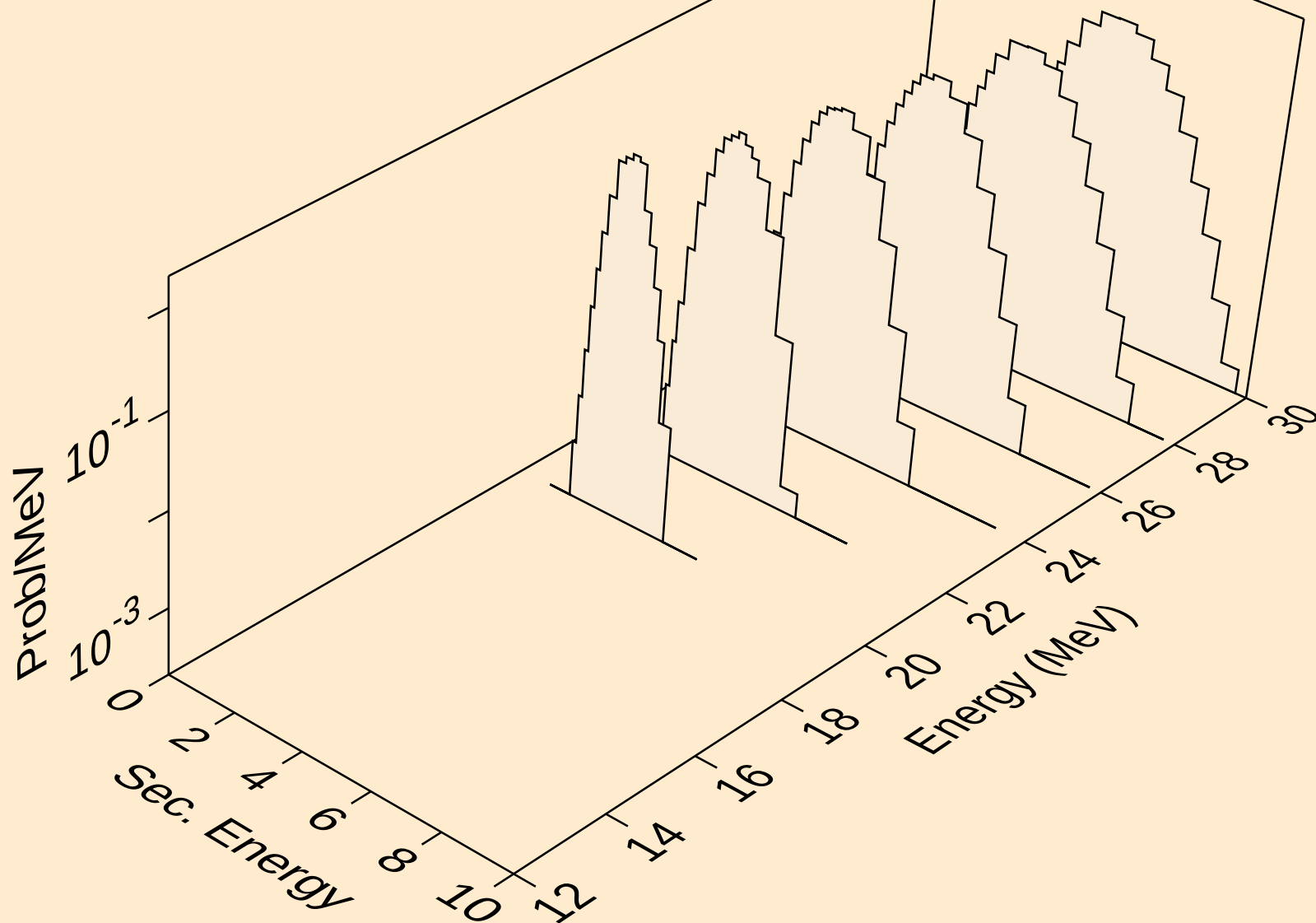
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



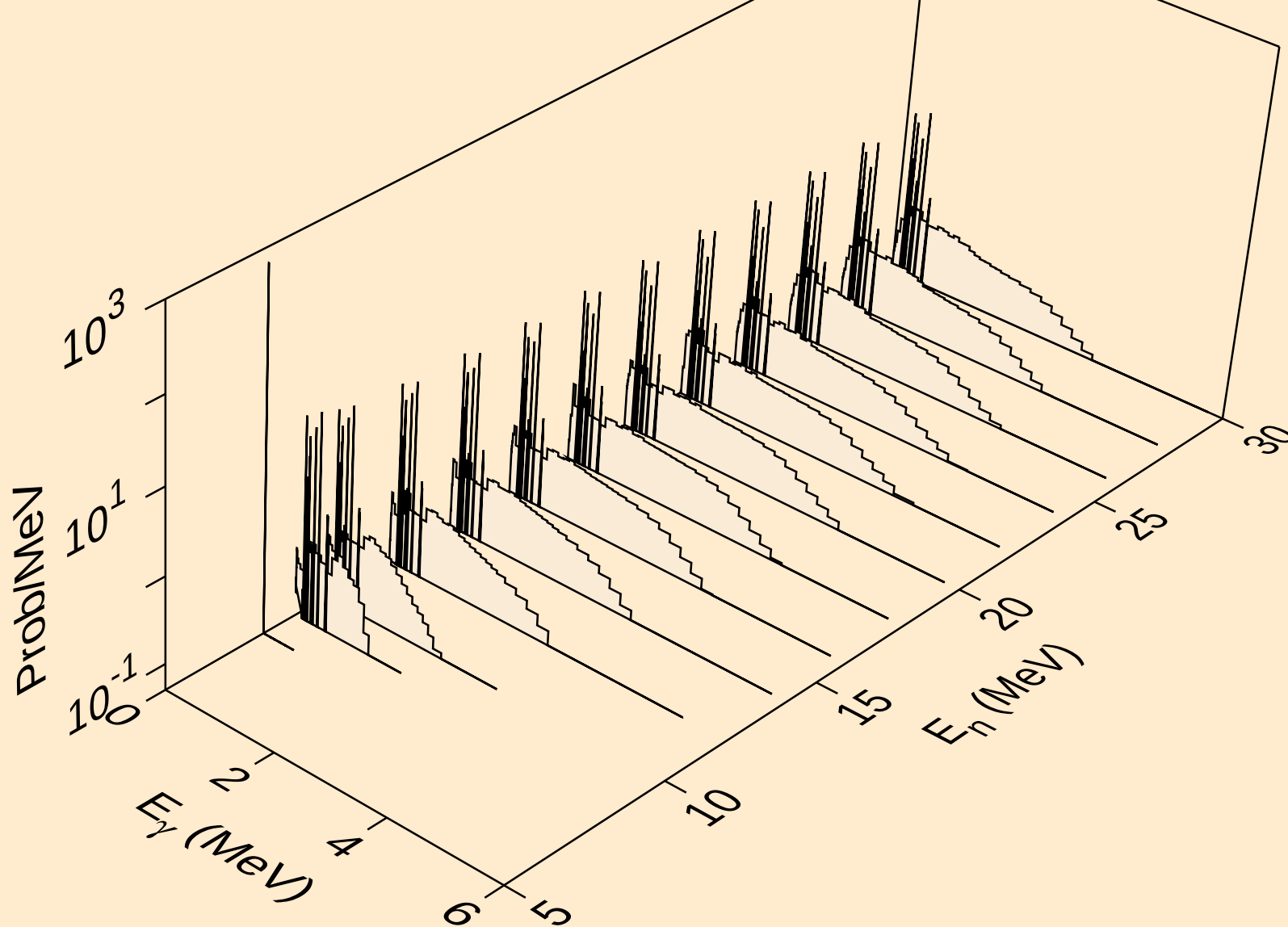
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



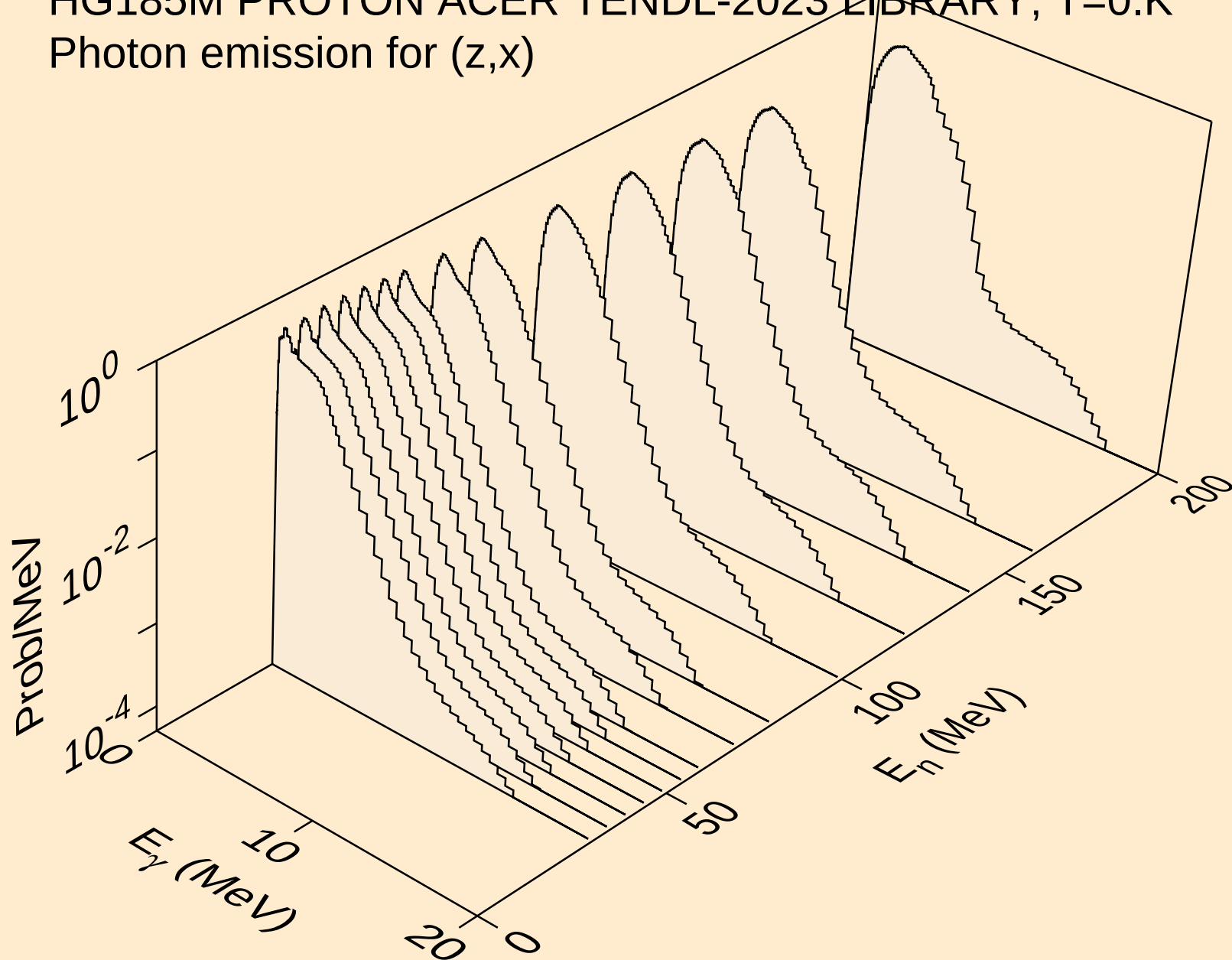
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



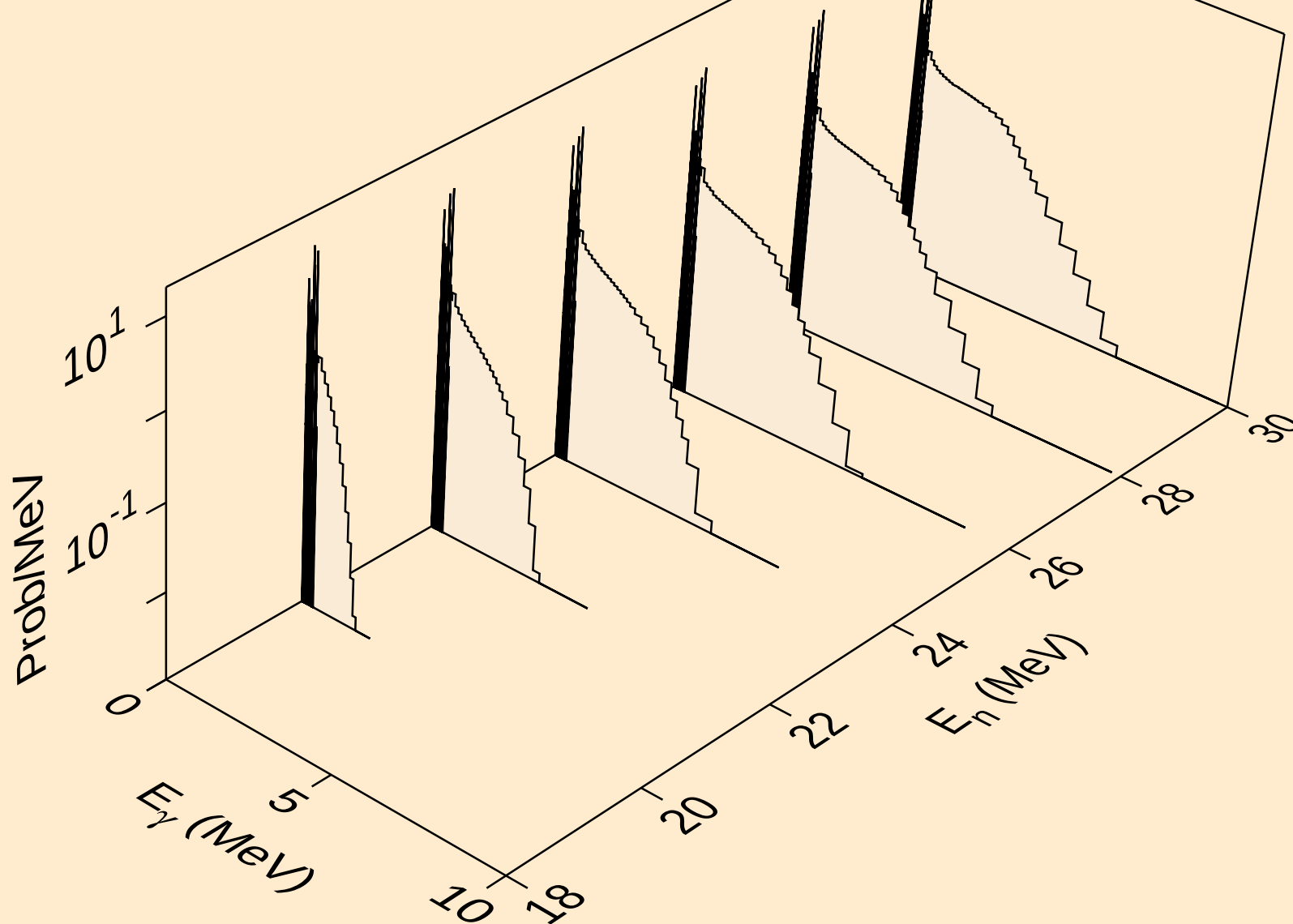
HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (z,n)



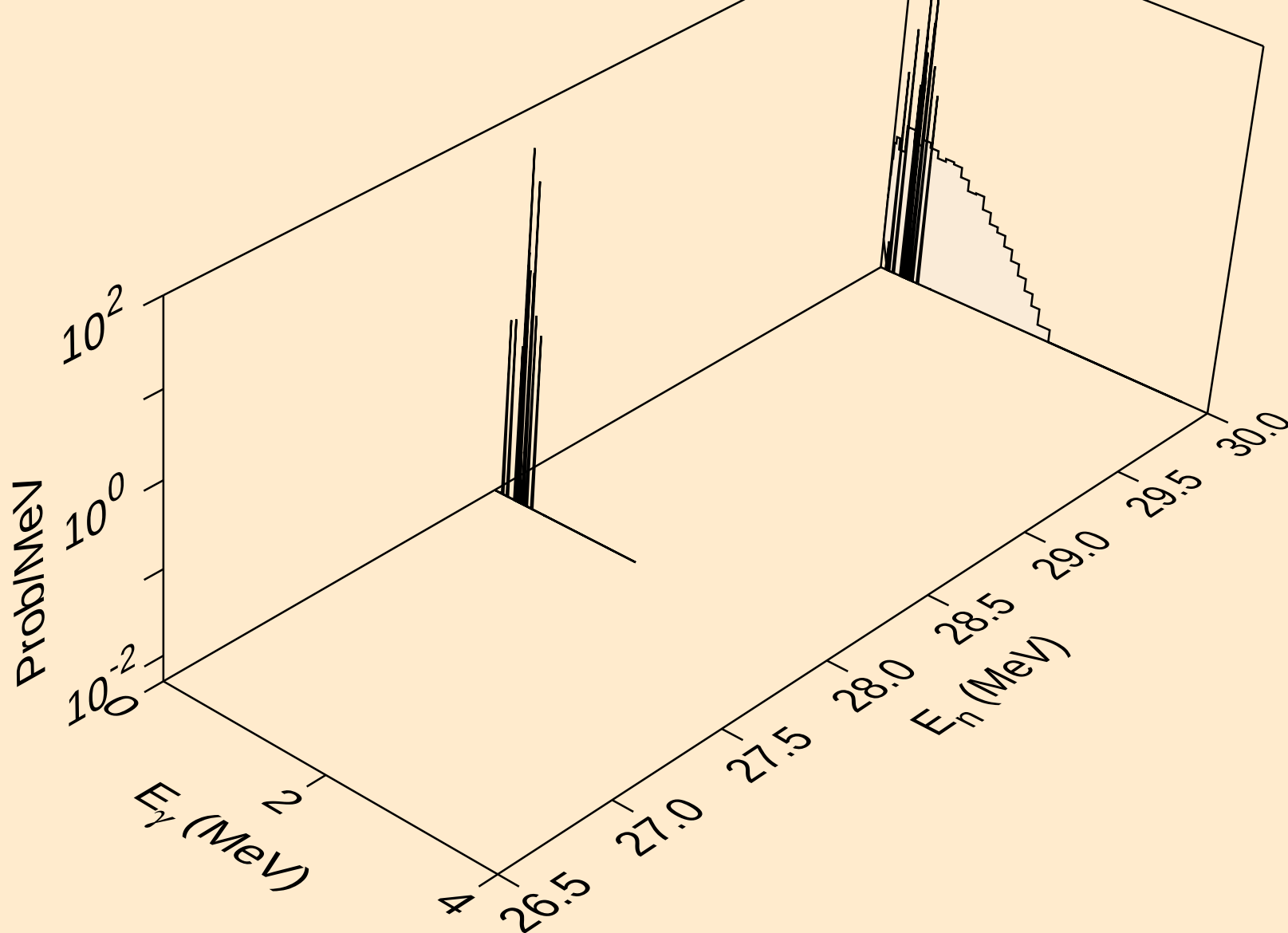
HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0$ .K  
Photon emission for (z,x)



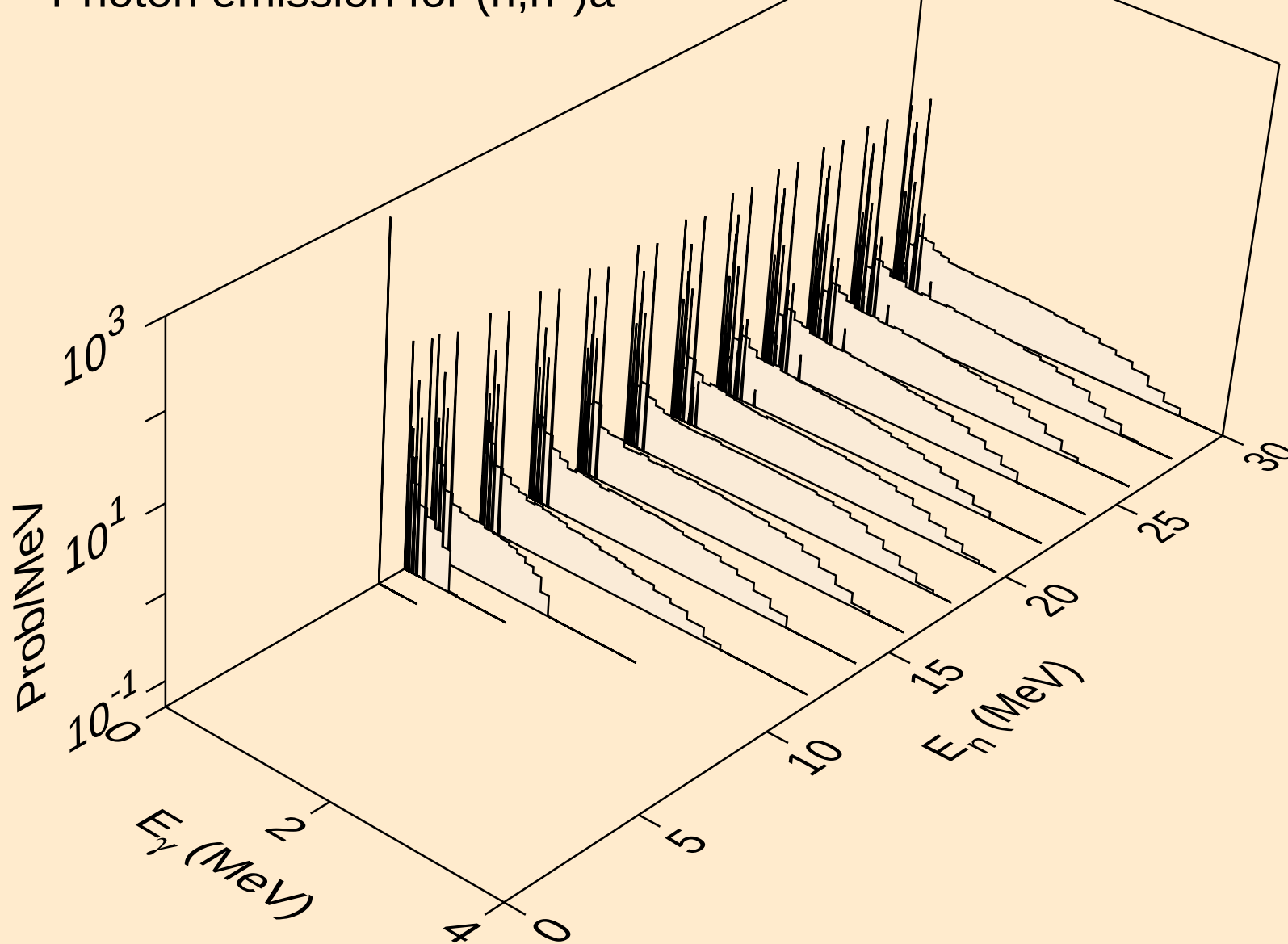
HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,2n)



HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,3n)

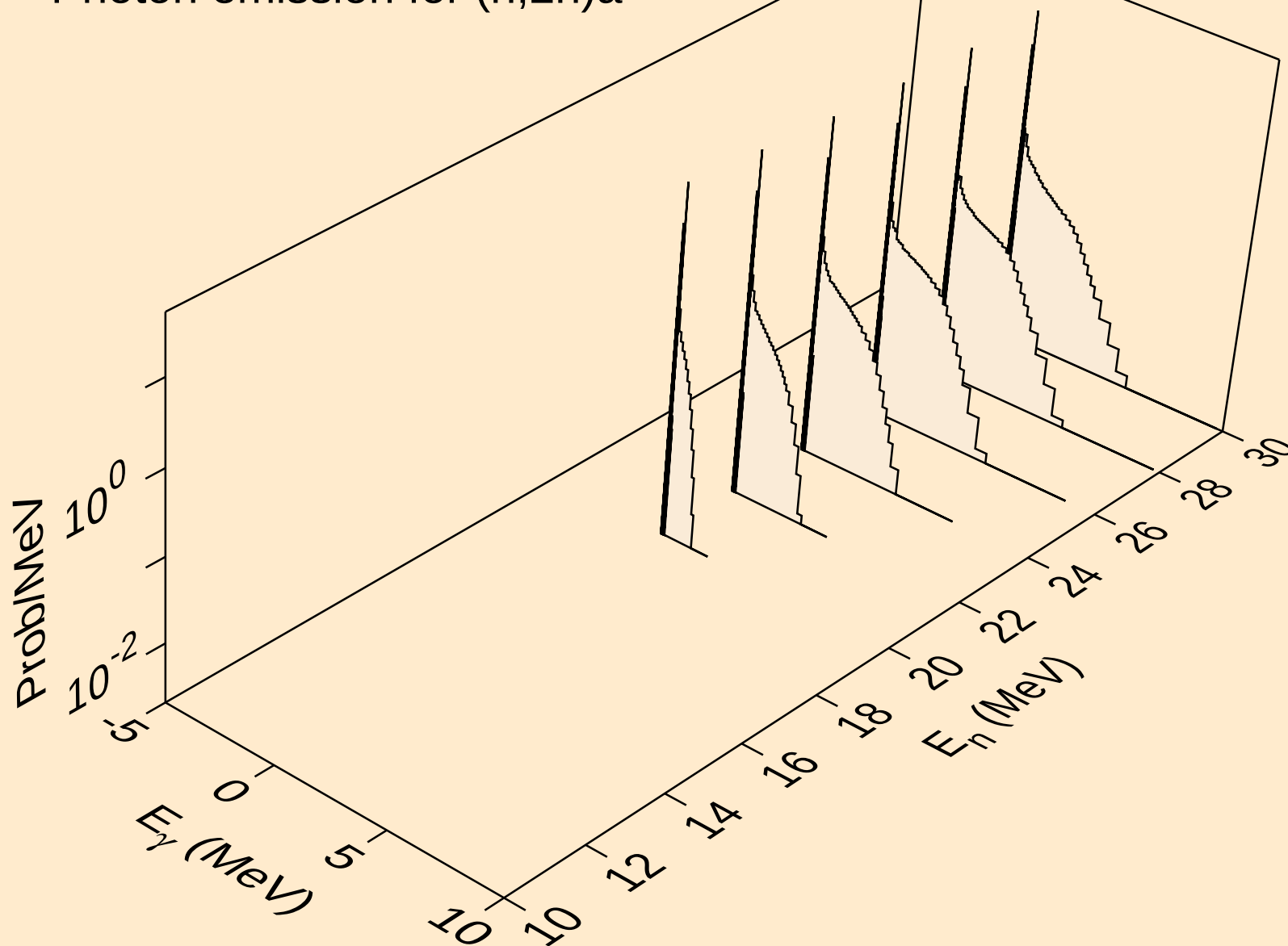


HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

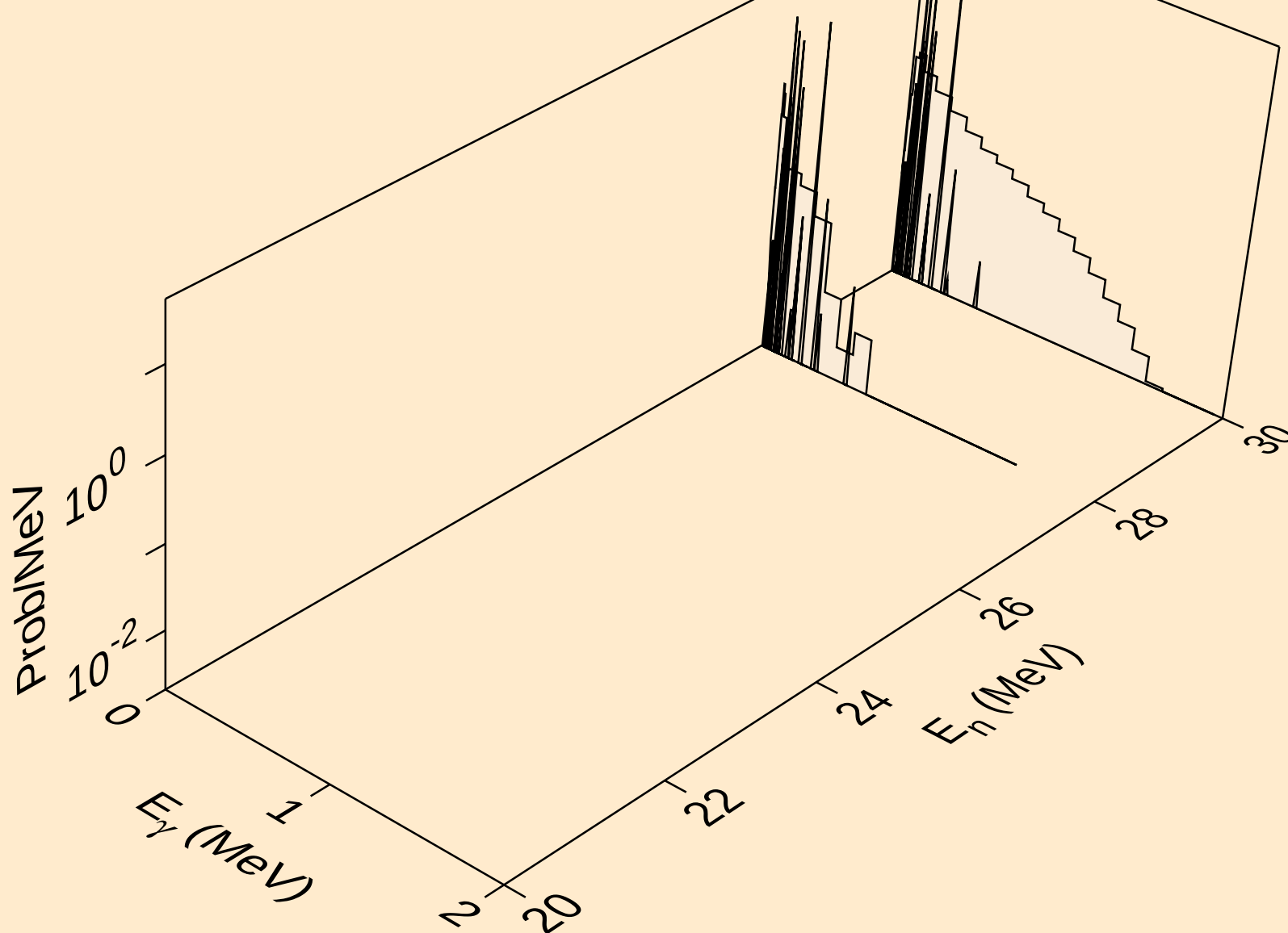




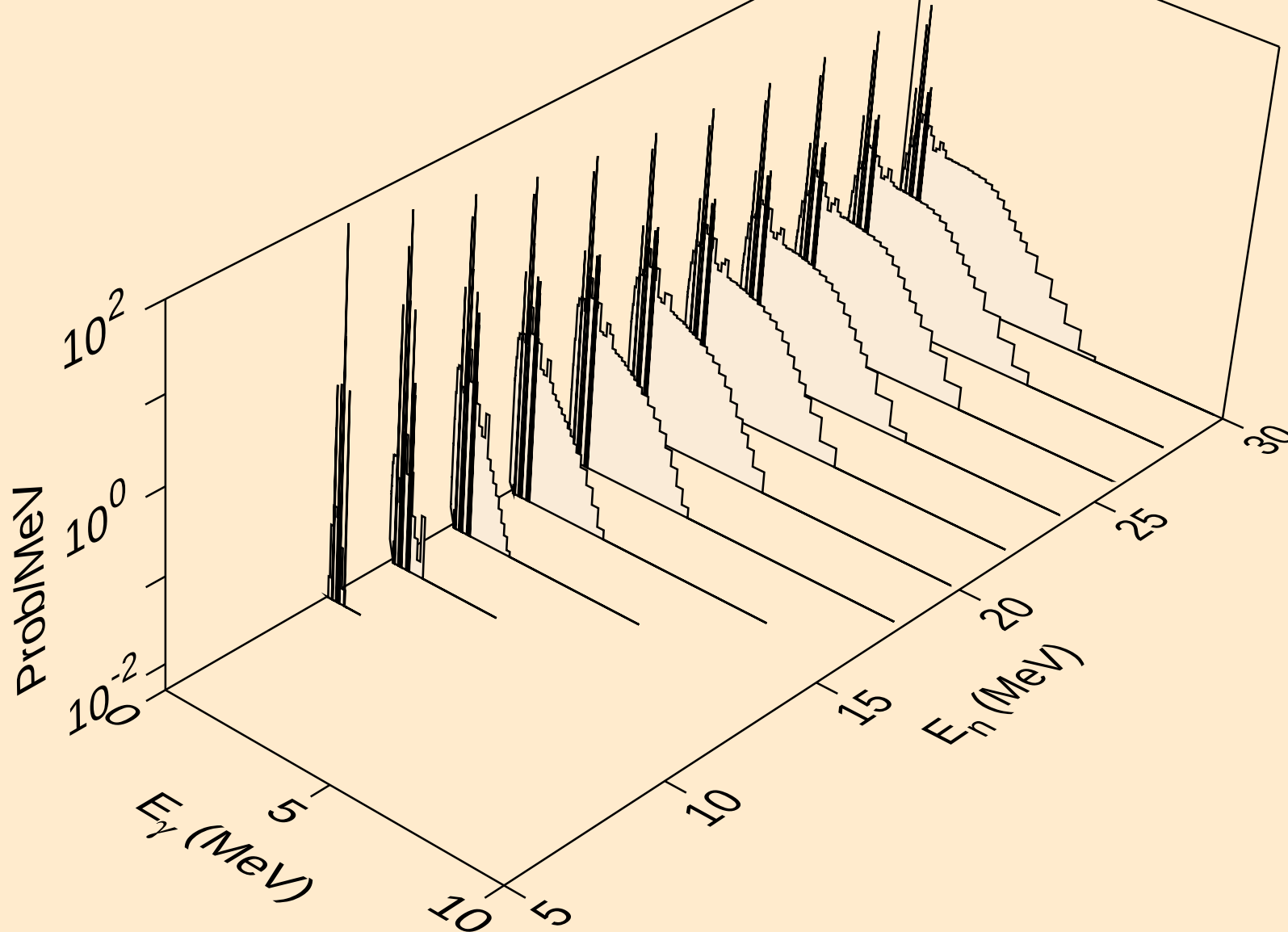
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



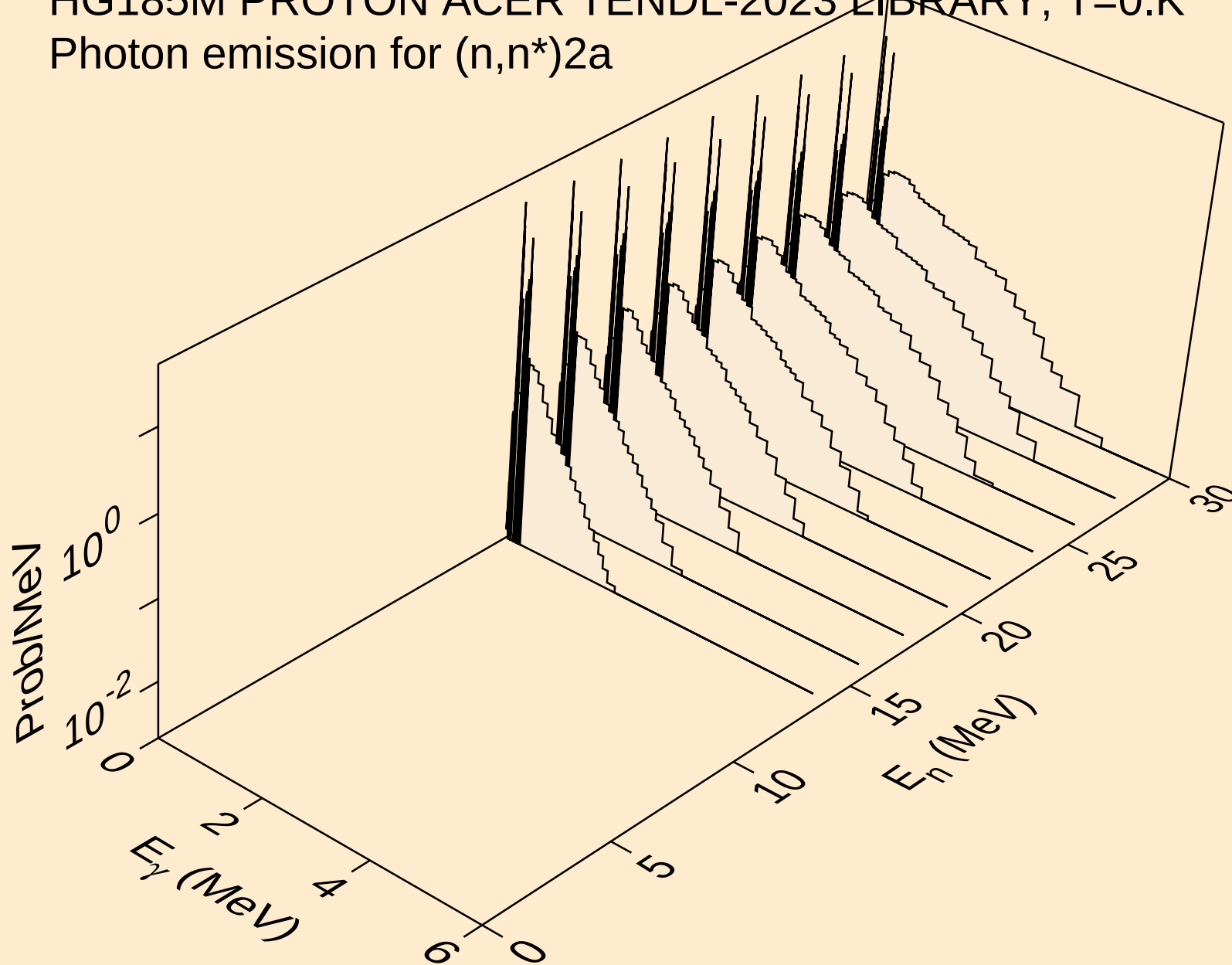
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n) $\alpha$



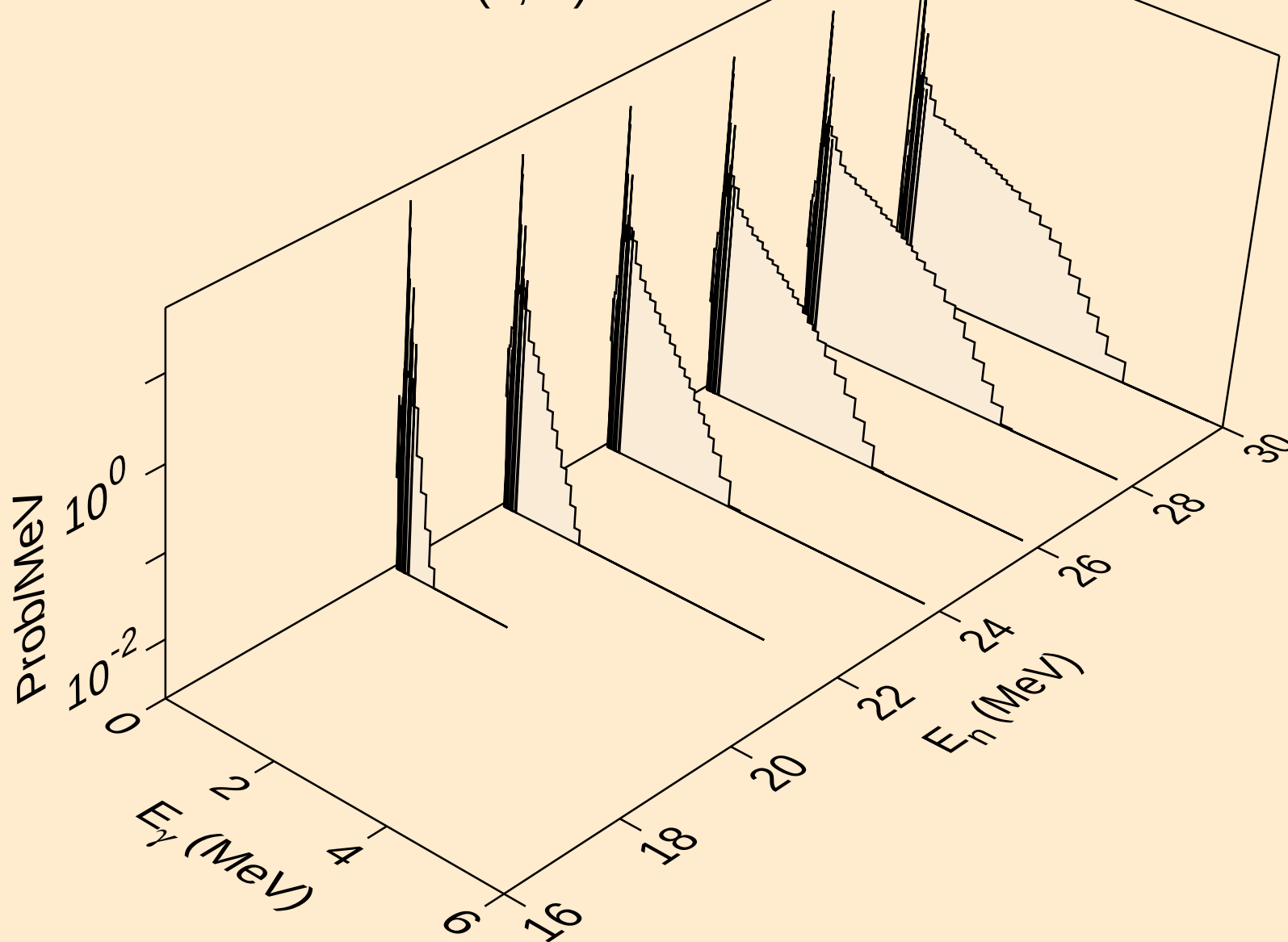
HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*)p$



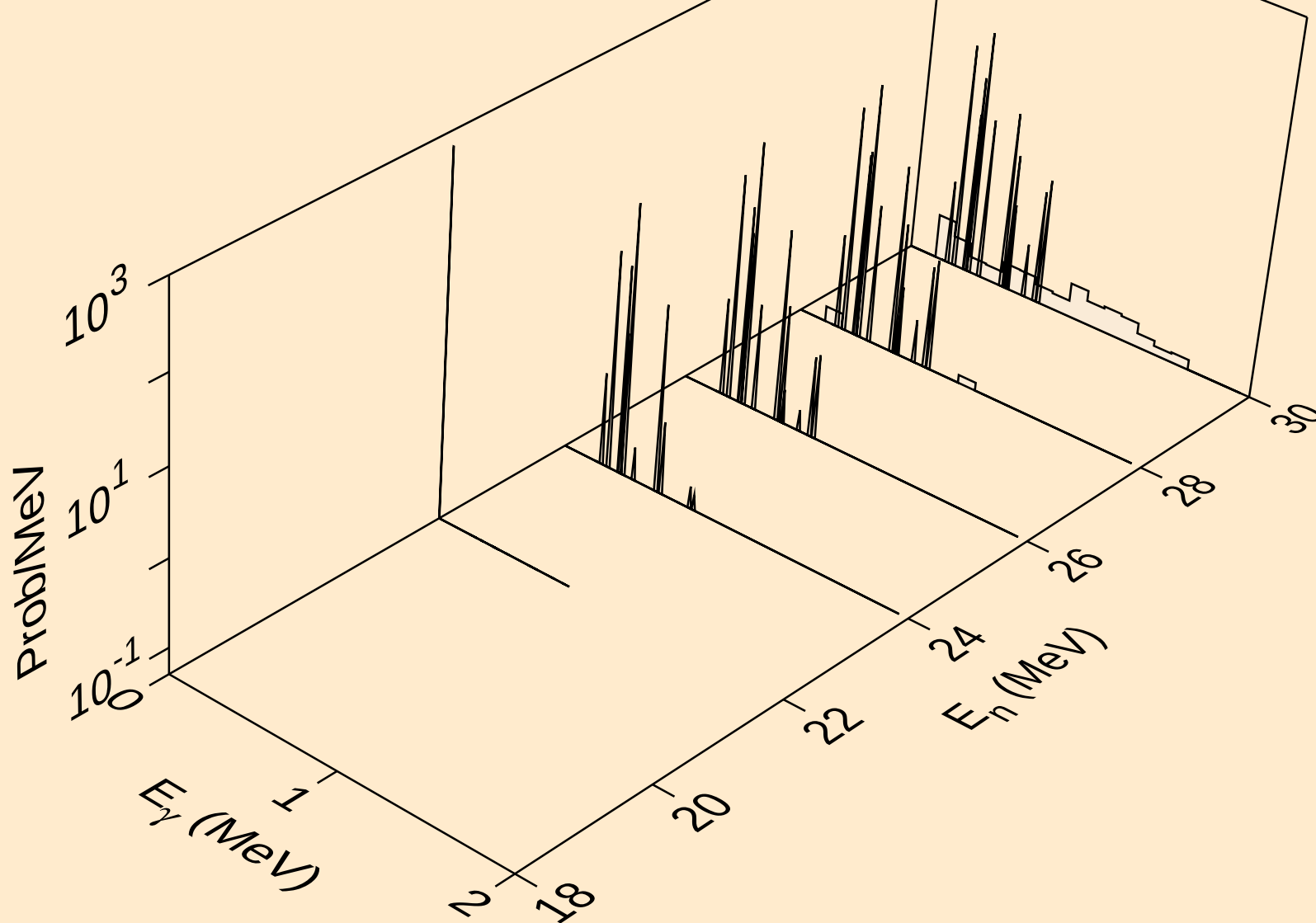
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



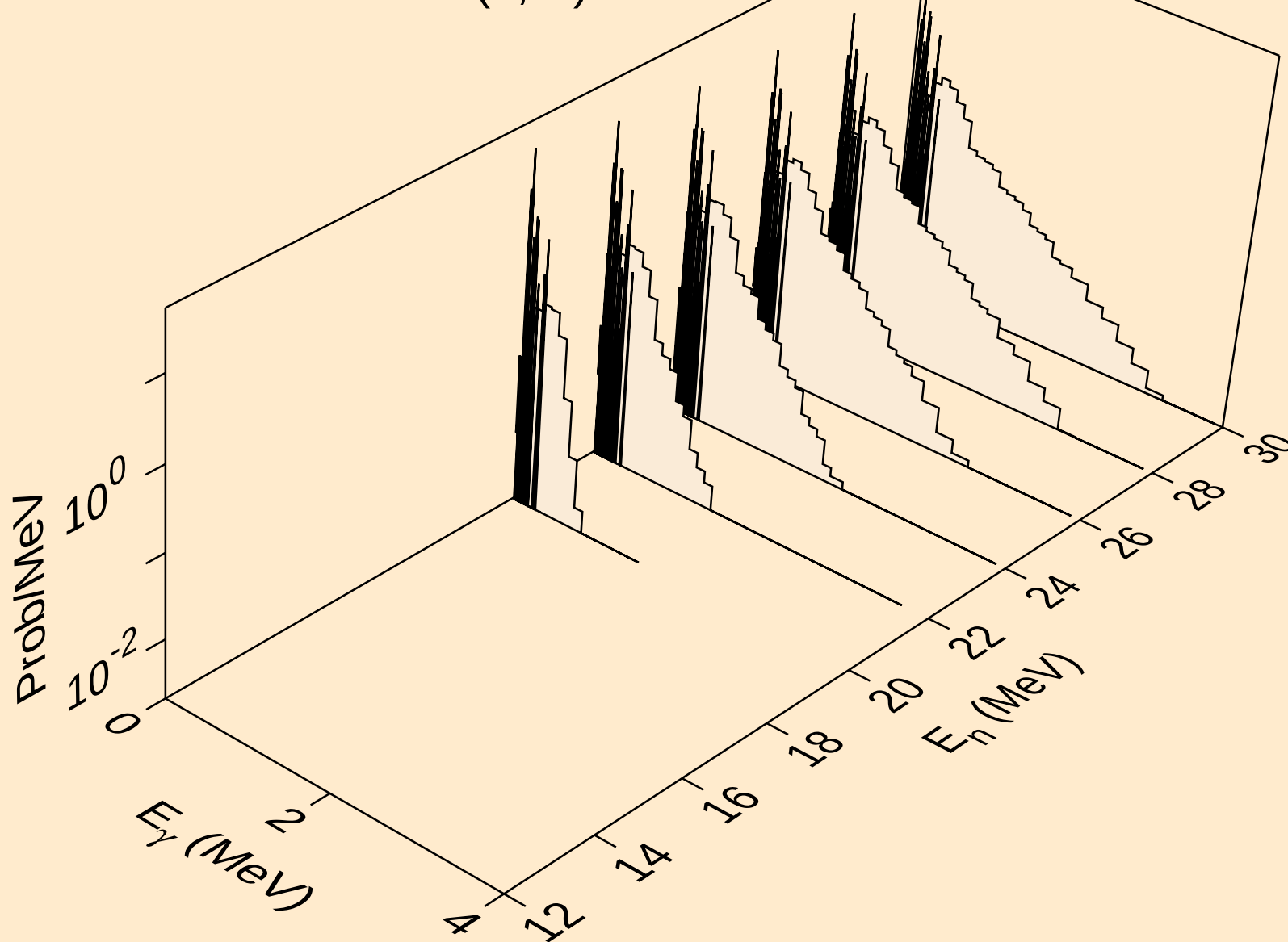
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



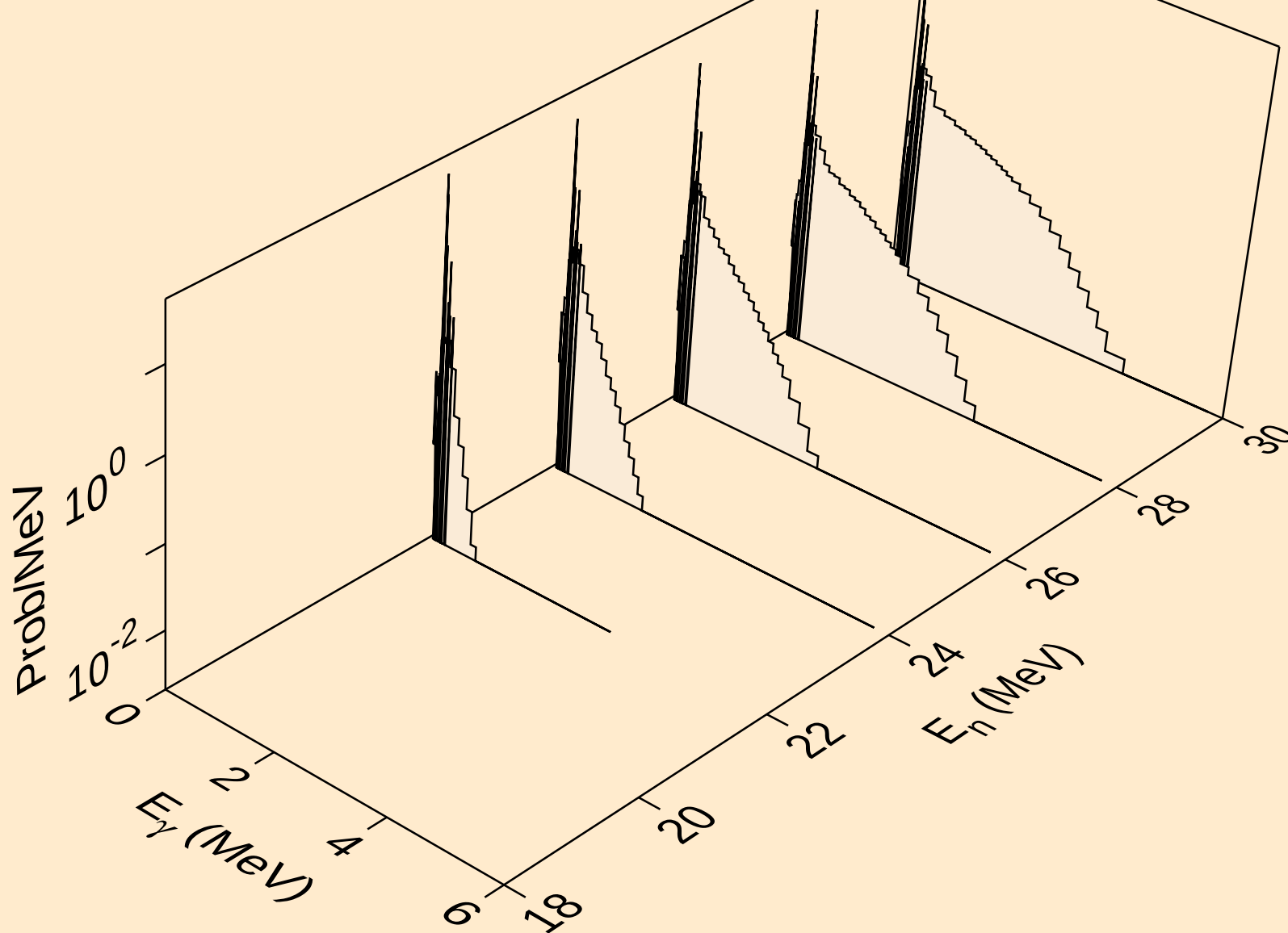
HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*)t$



HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

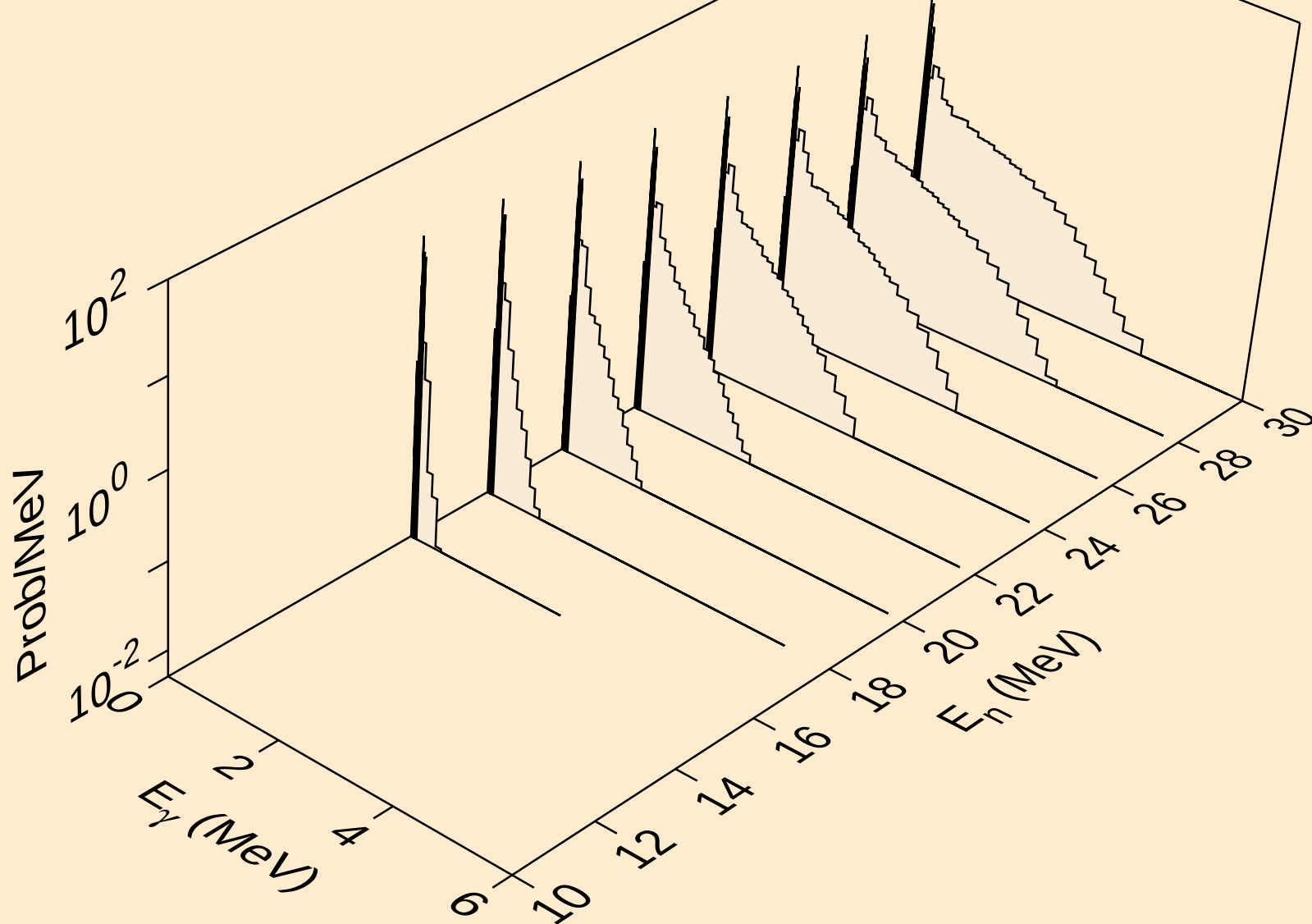


HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,2np)

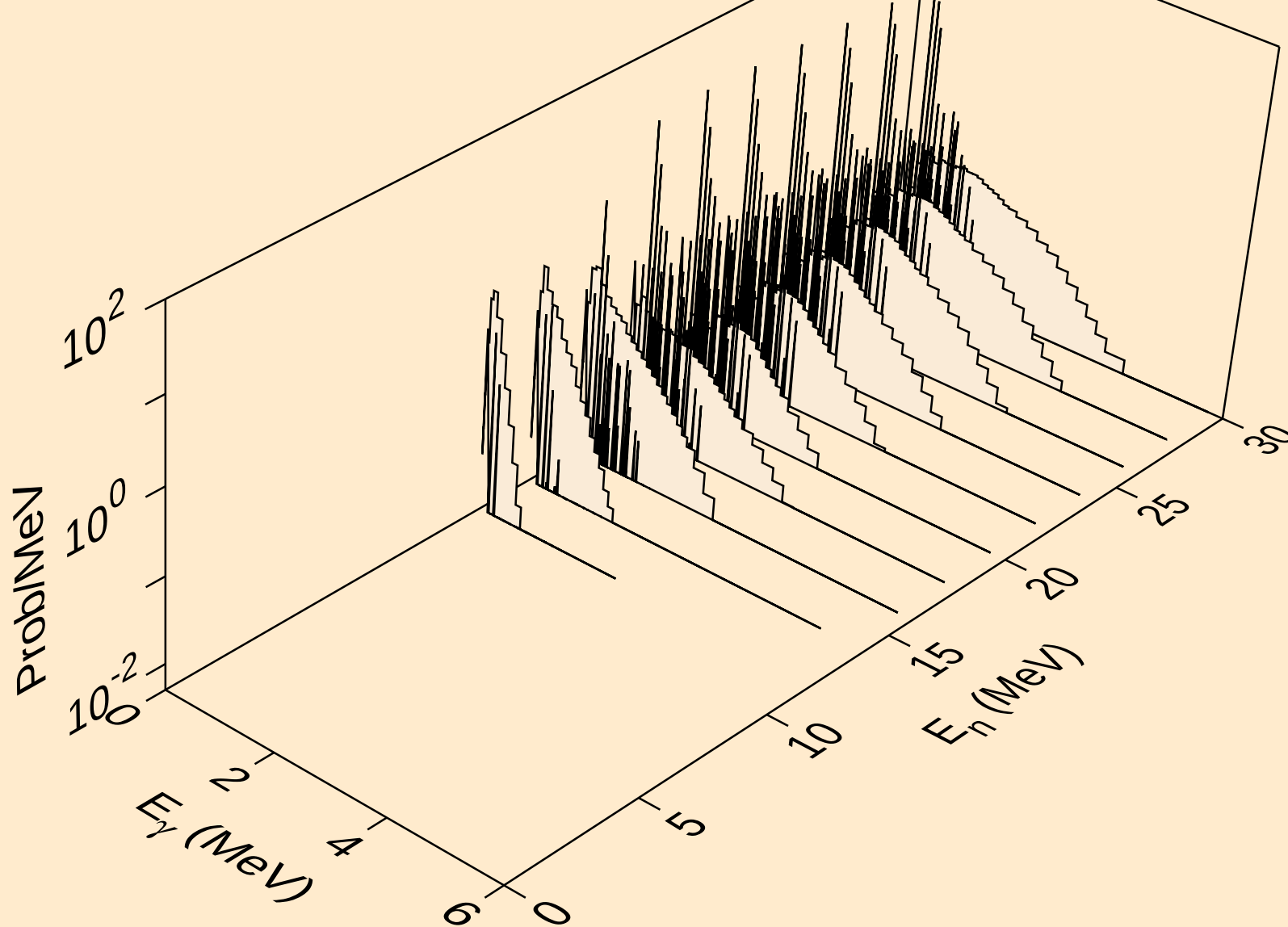




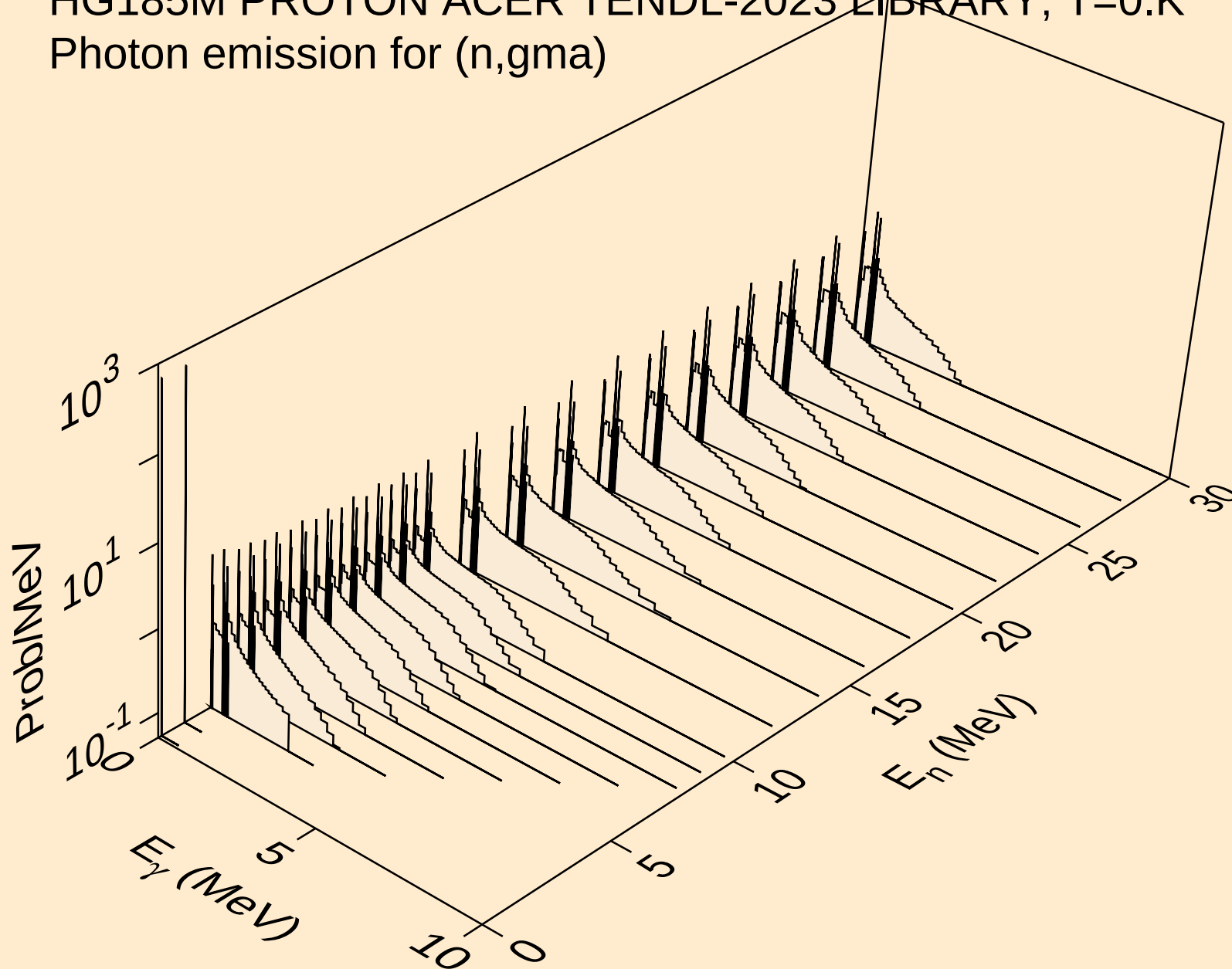
HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,n2p)



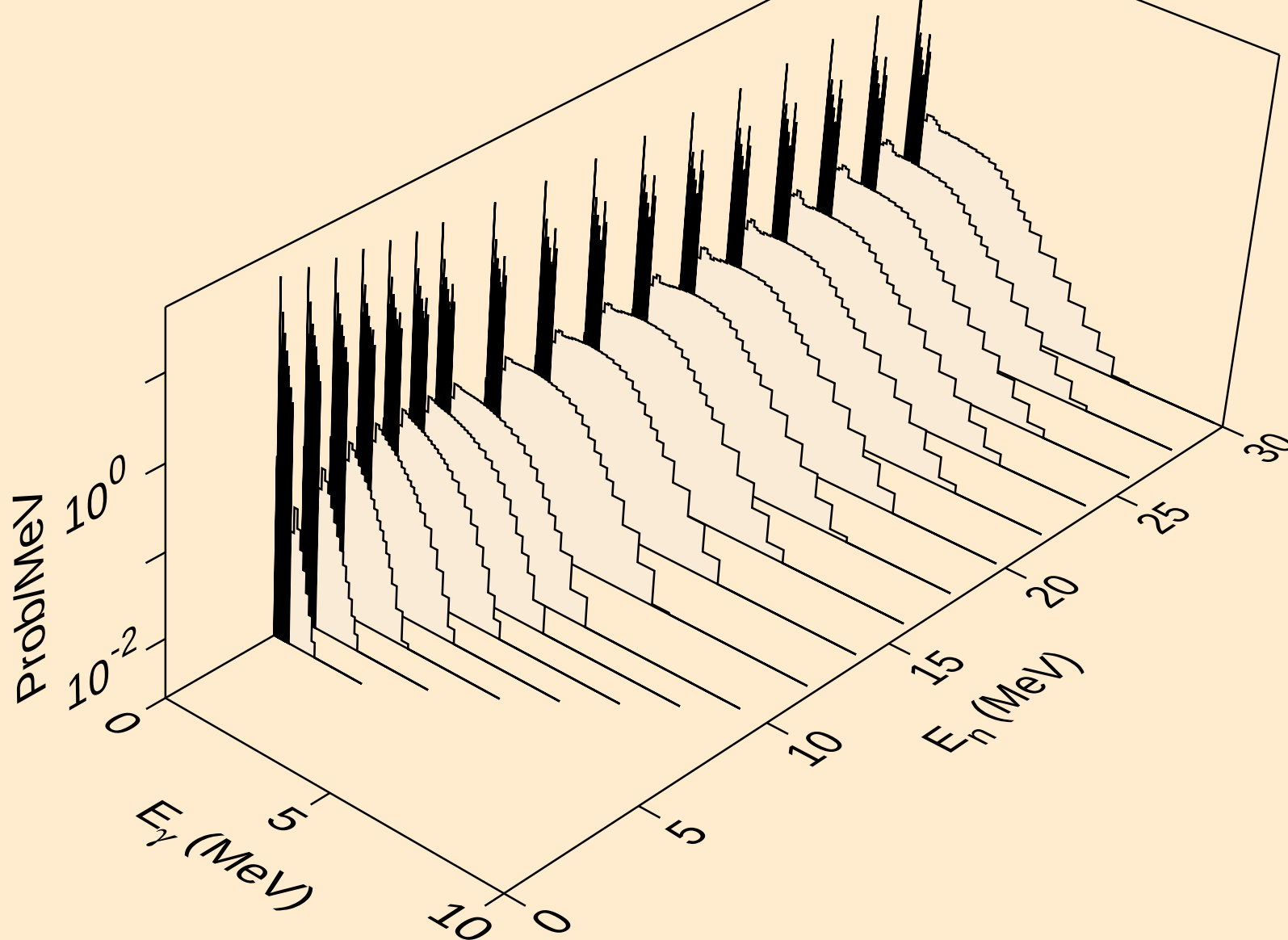
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



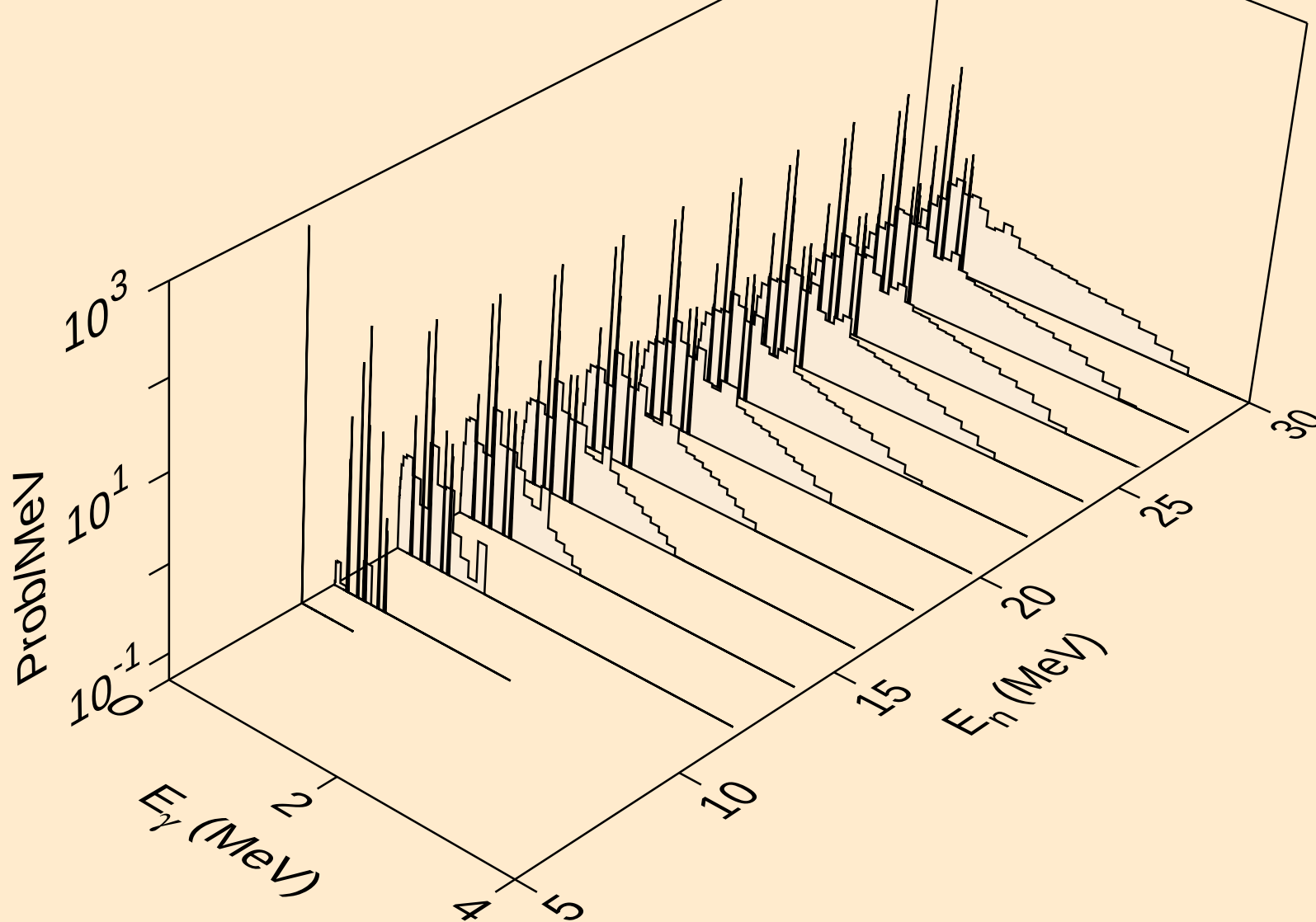
HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,gma)



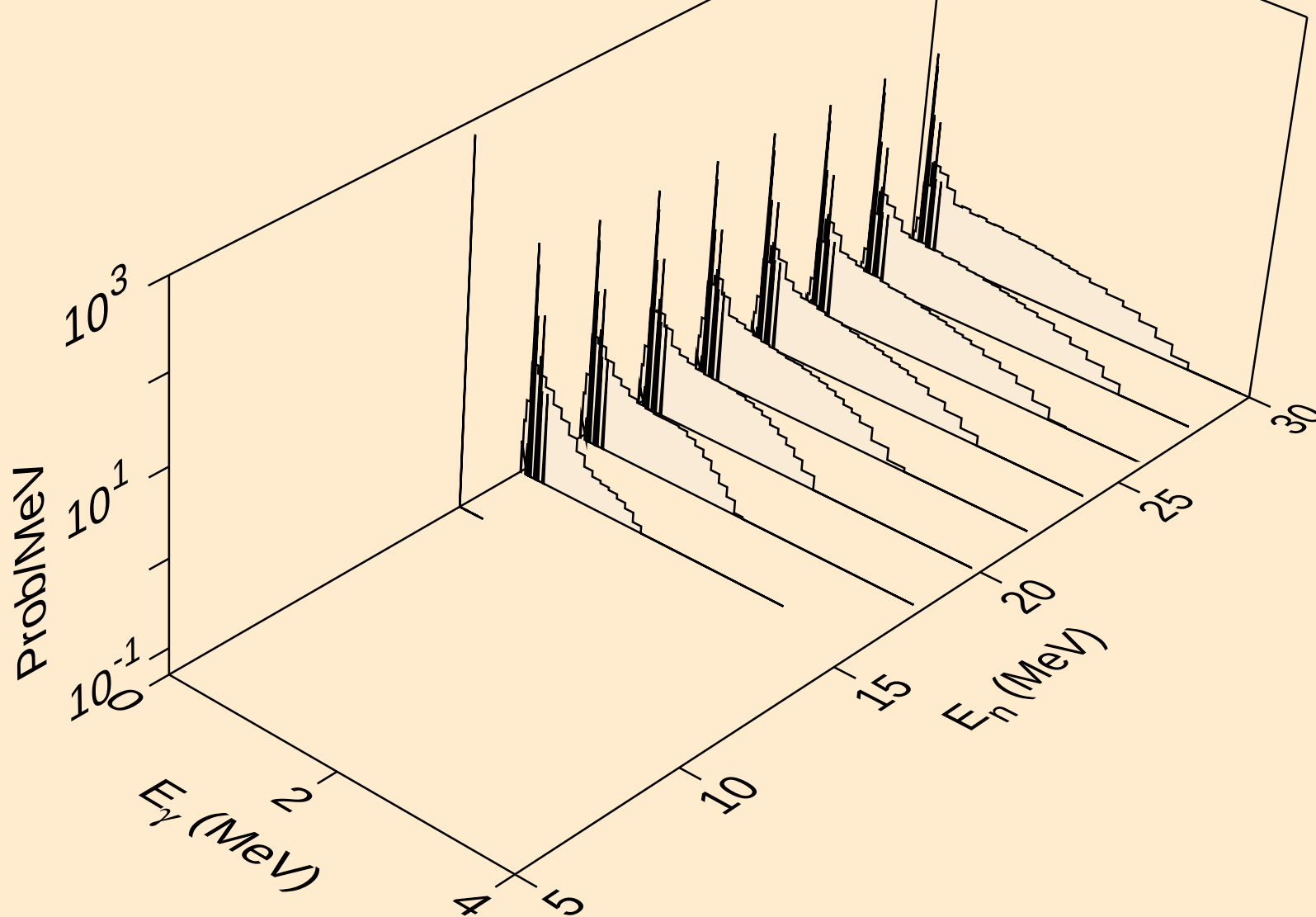
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



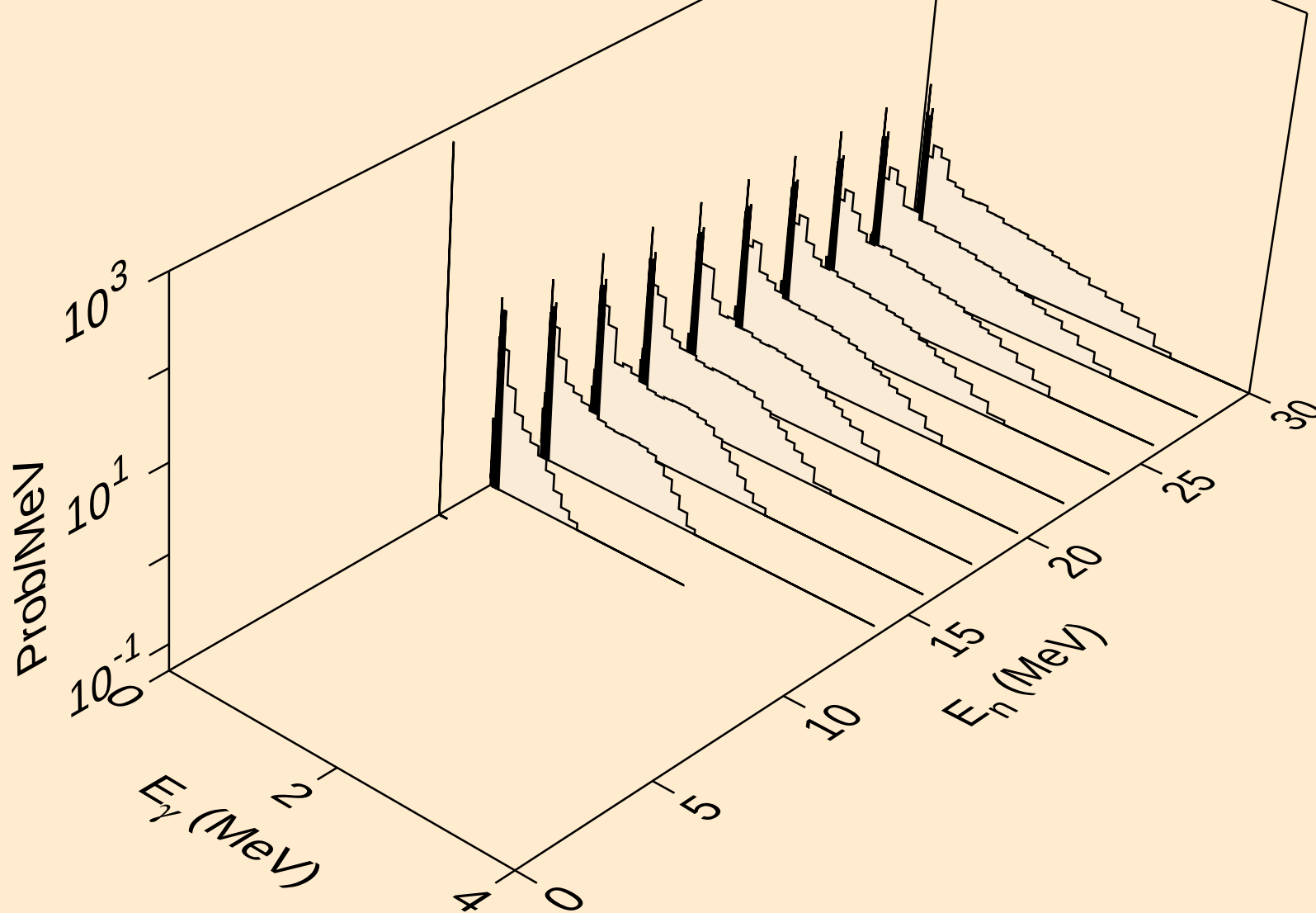
HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,d)



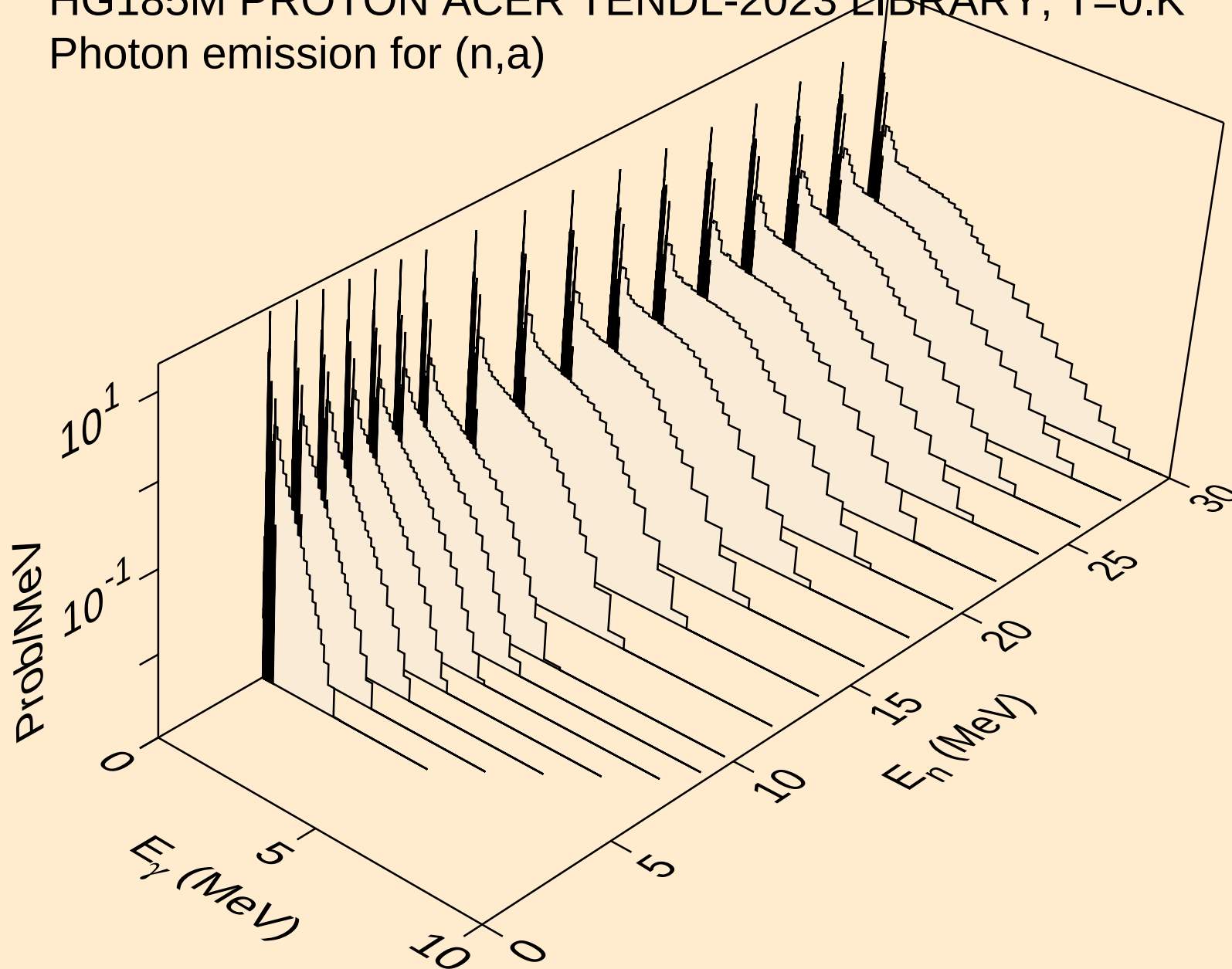
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

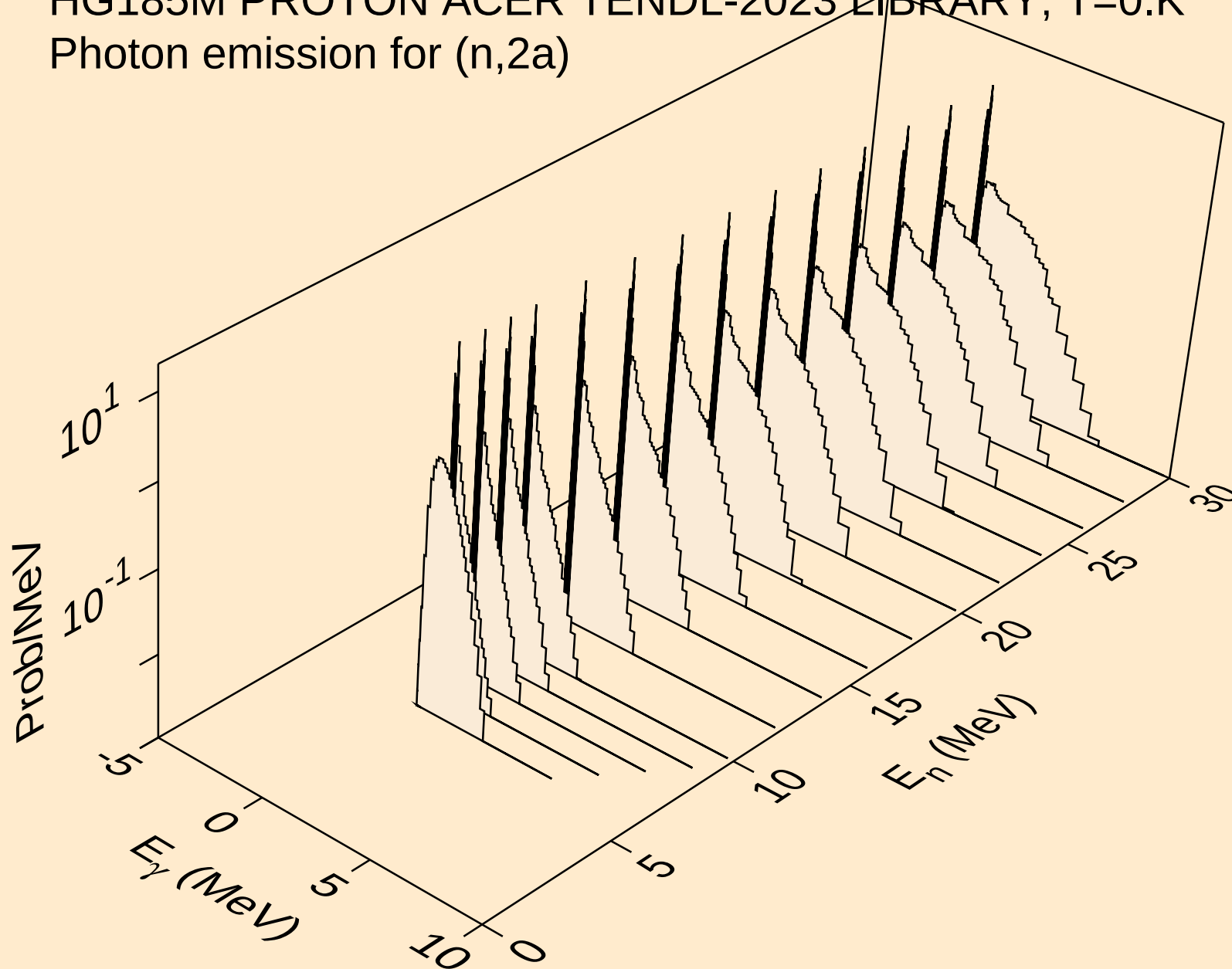


HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,a)

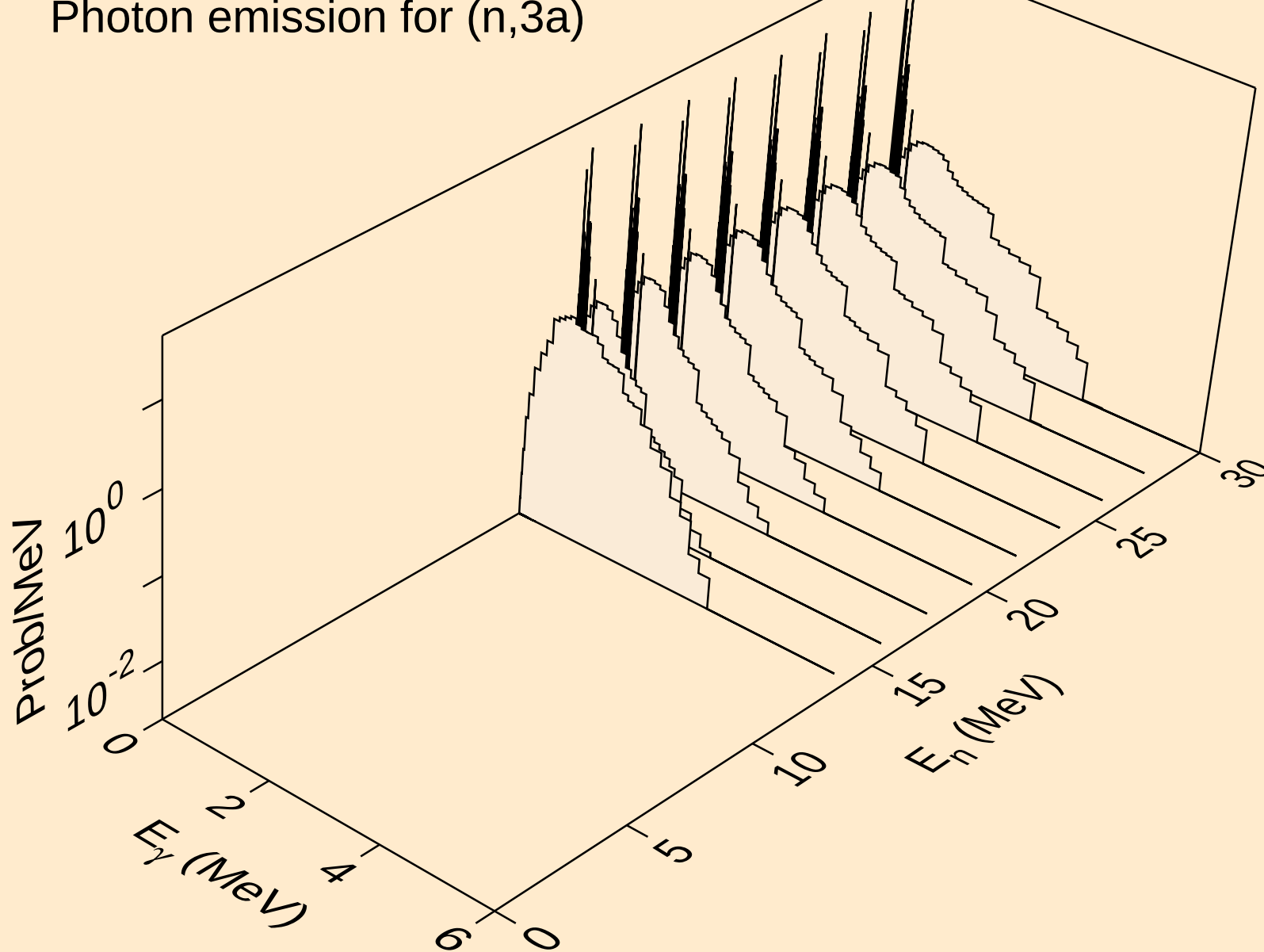




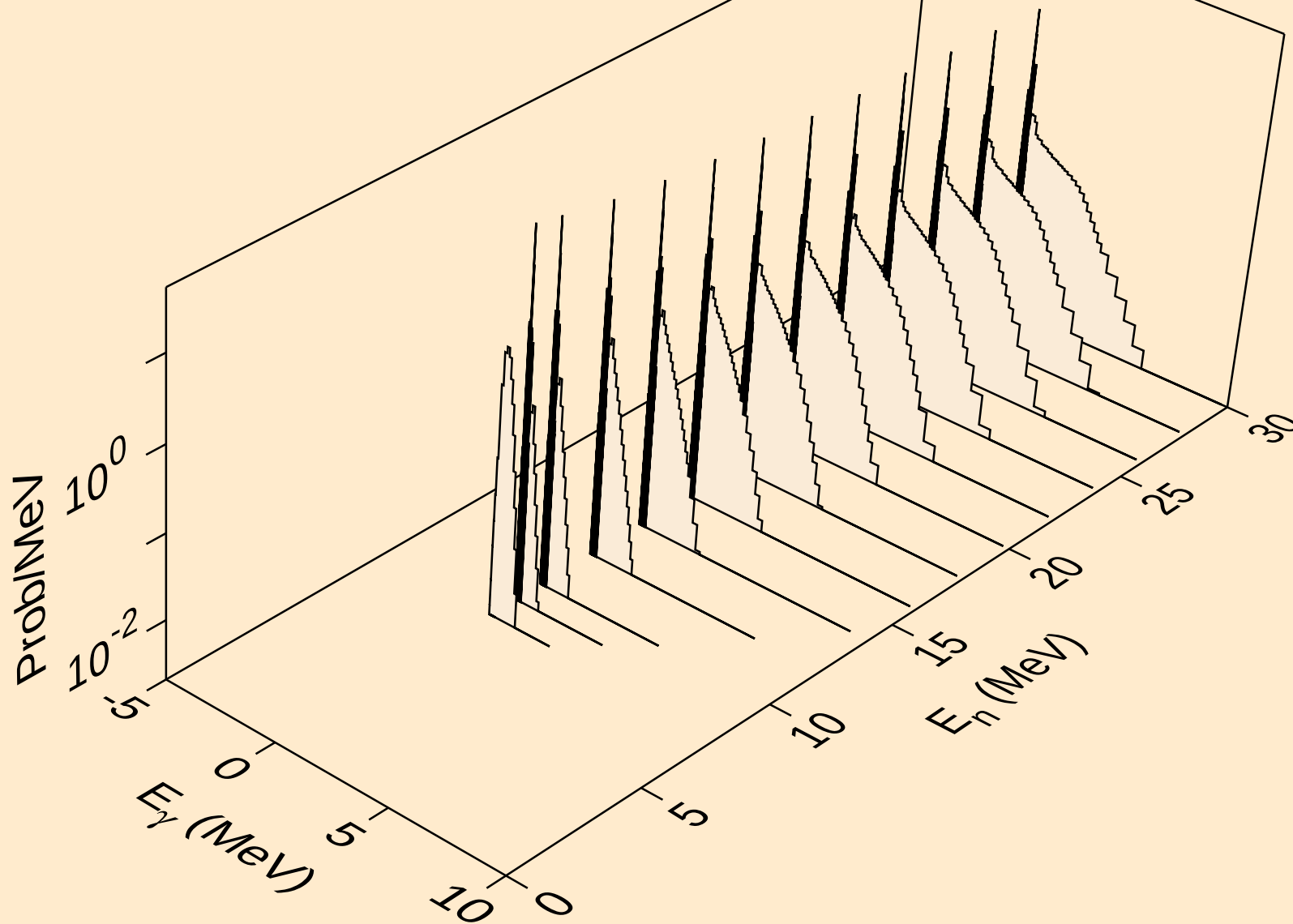
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



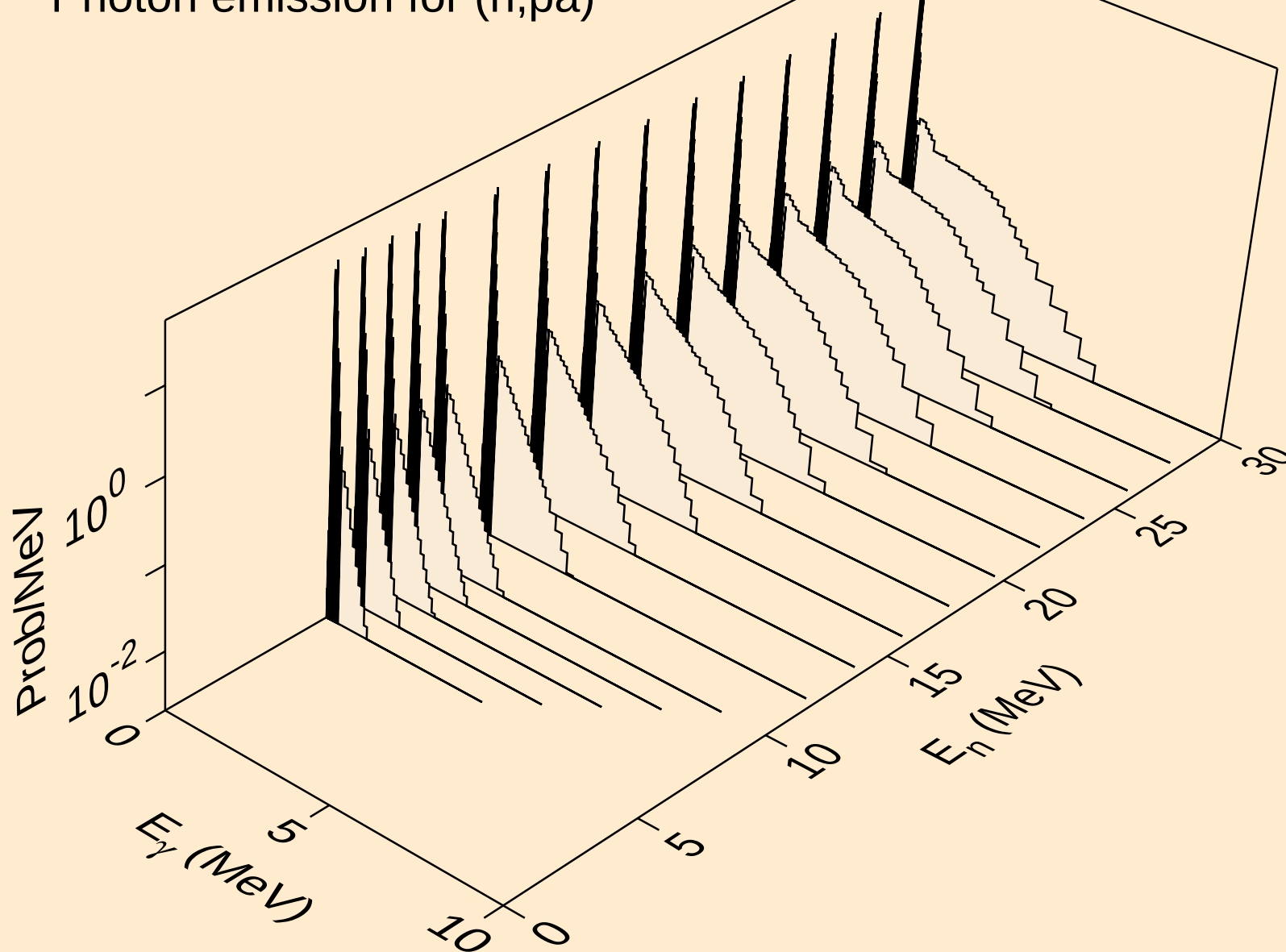
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



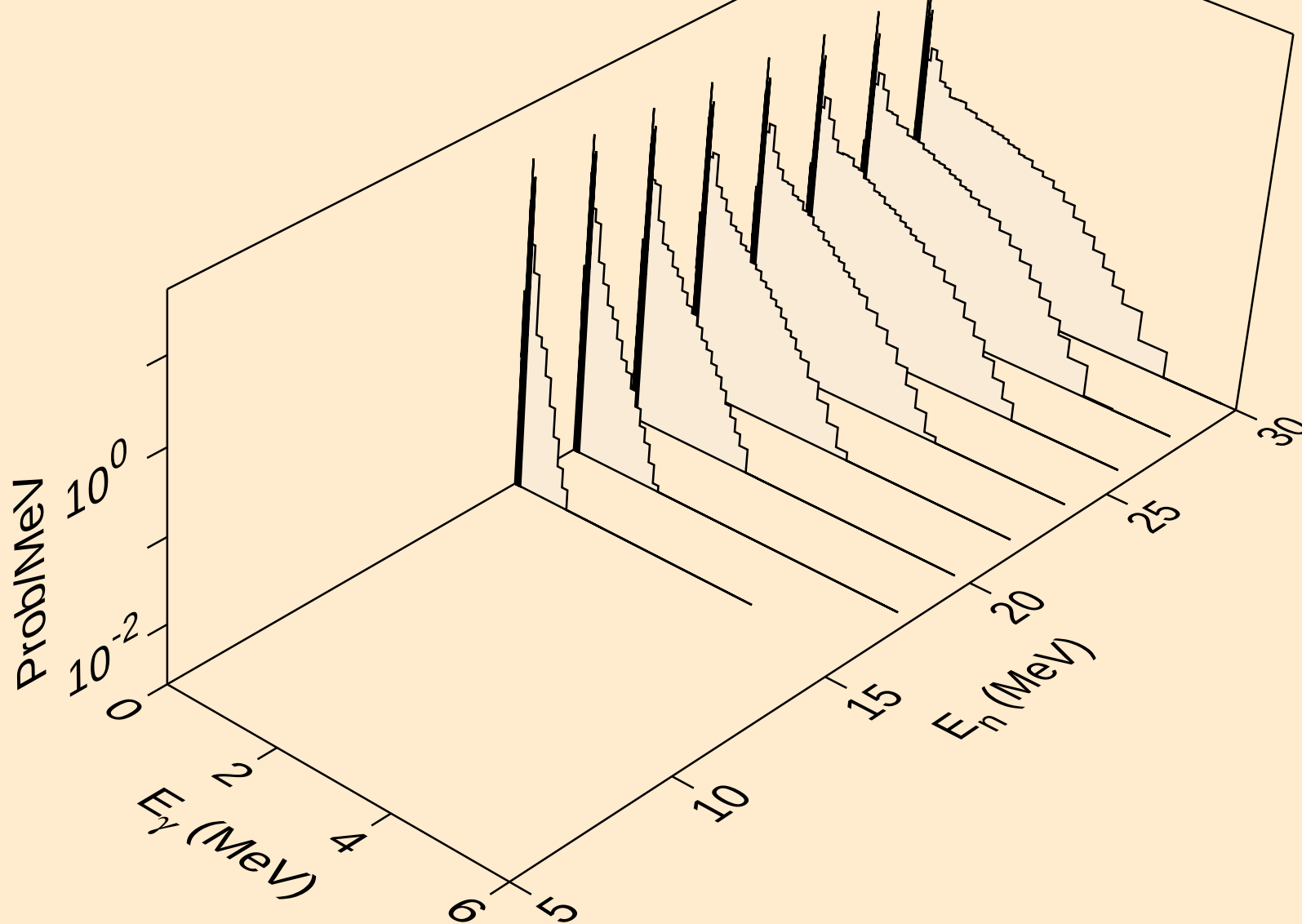
HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,2p)



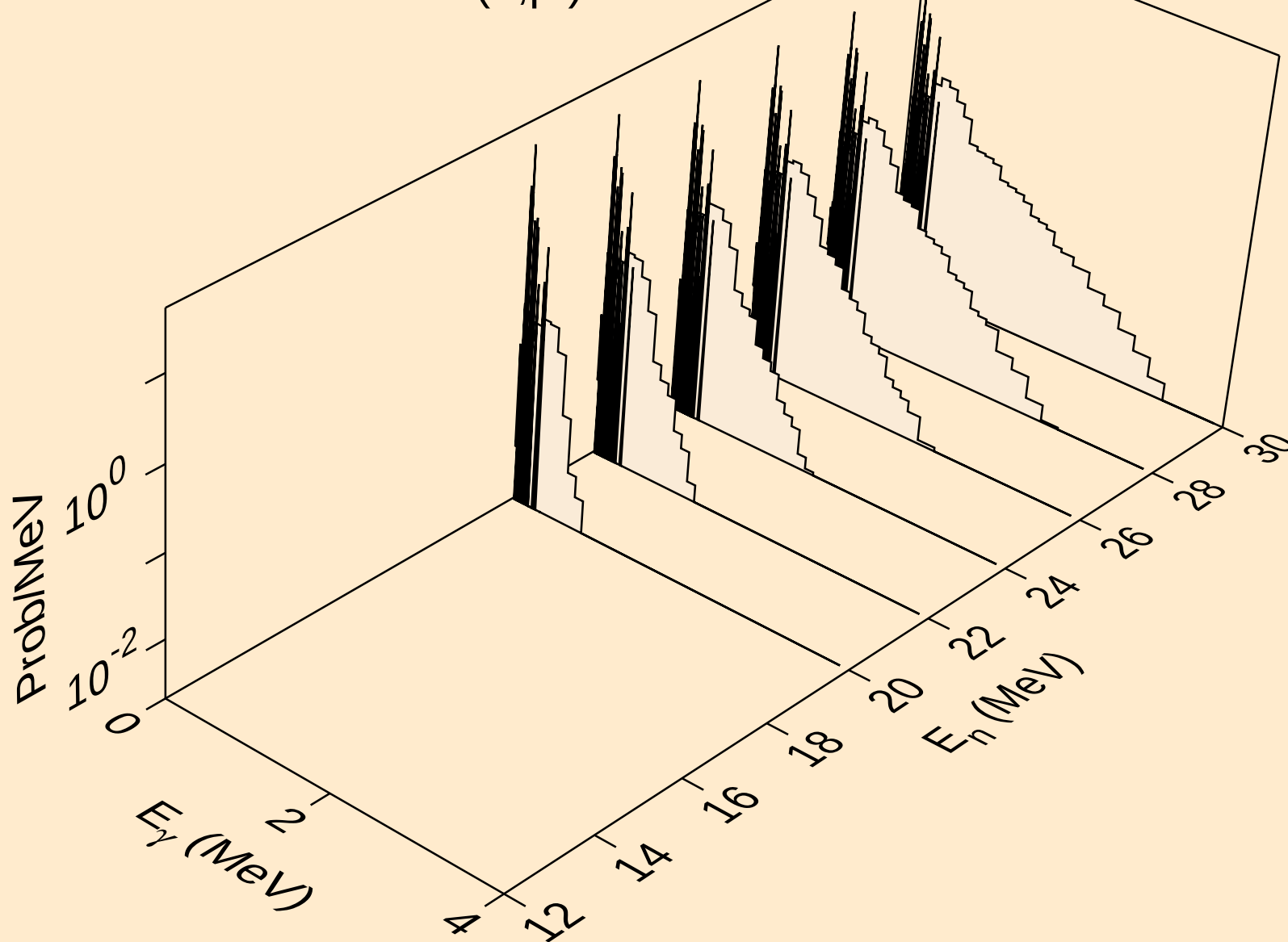
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



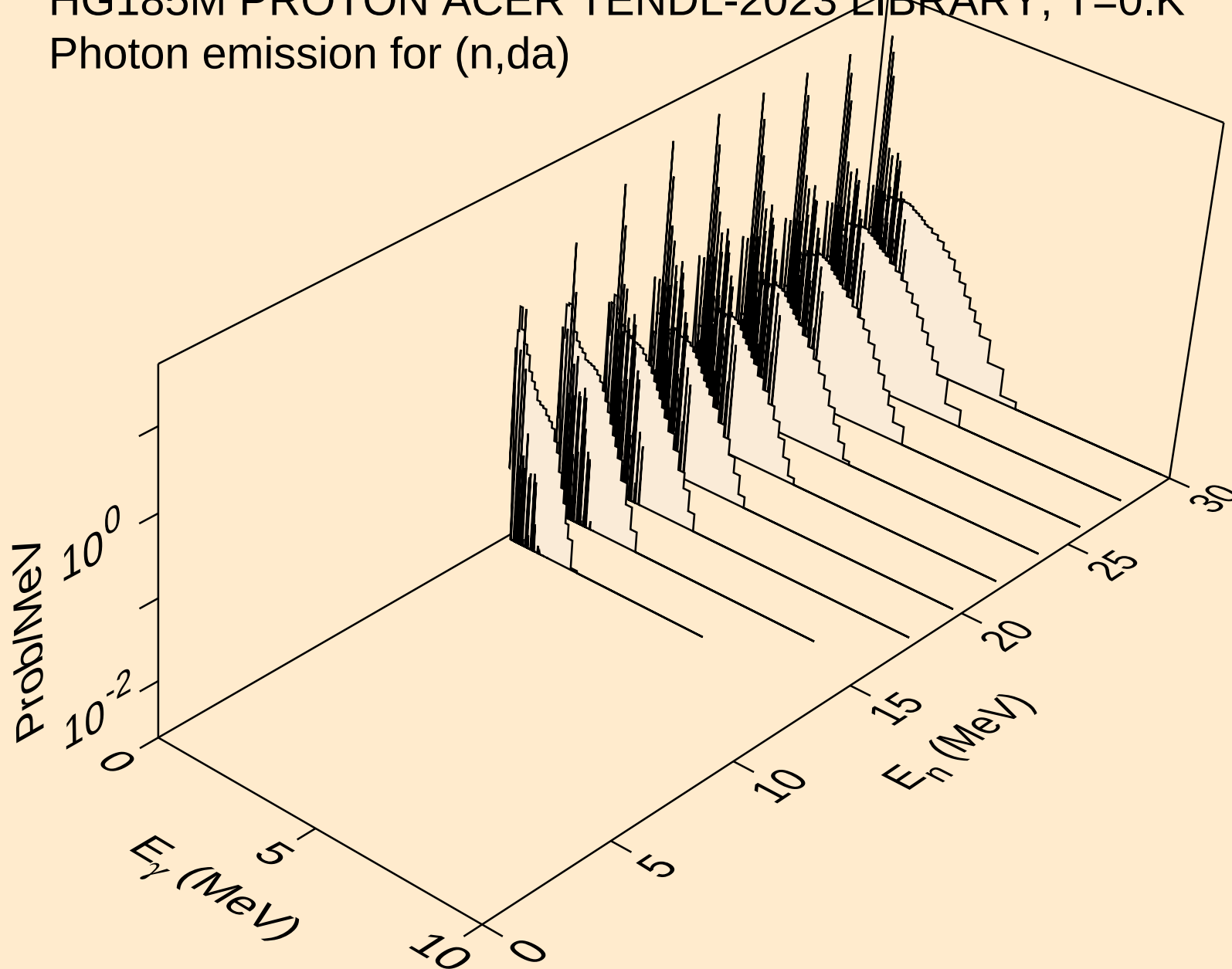
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

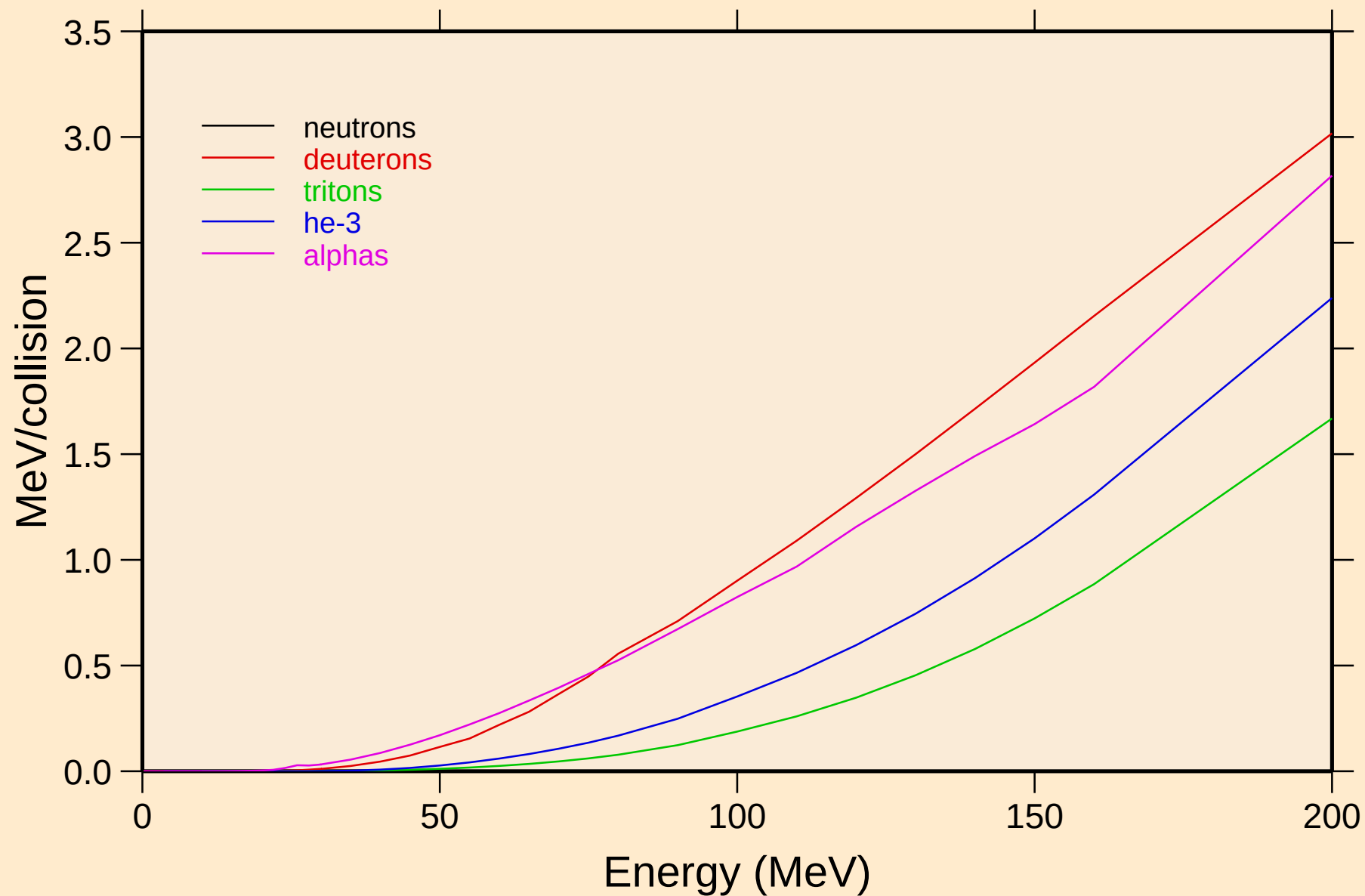


HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



# HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K

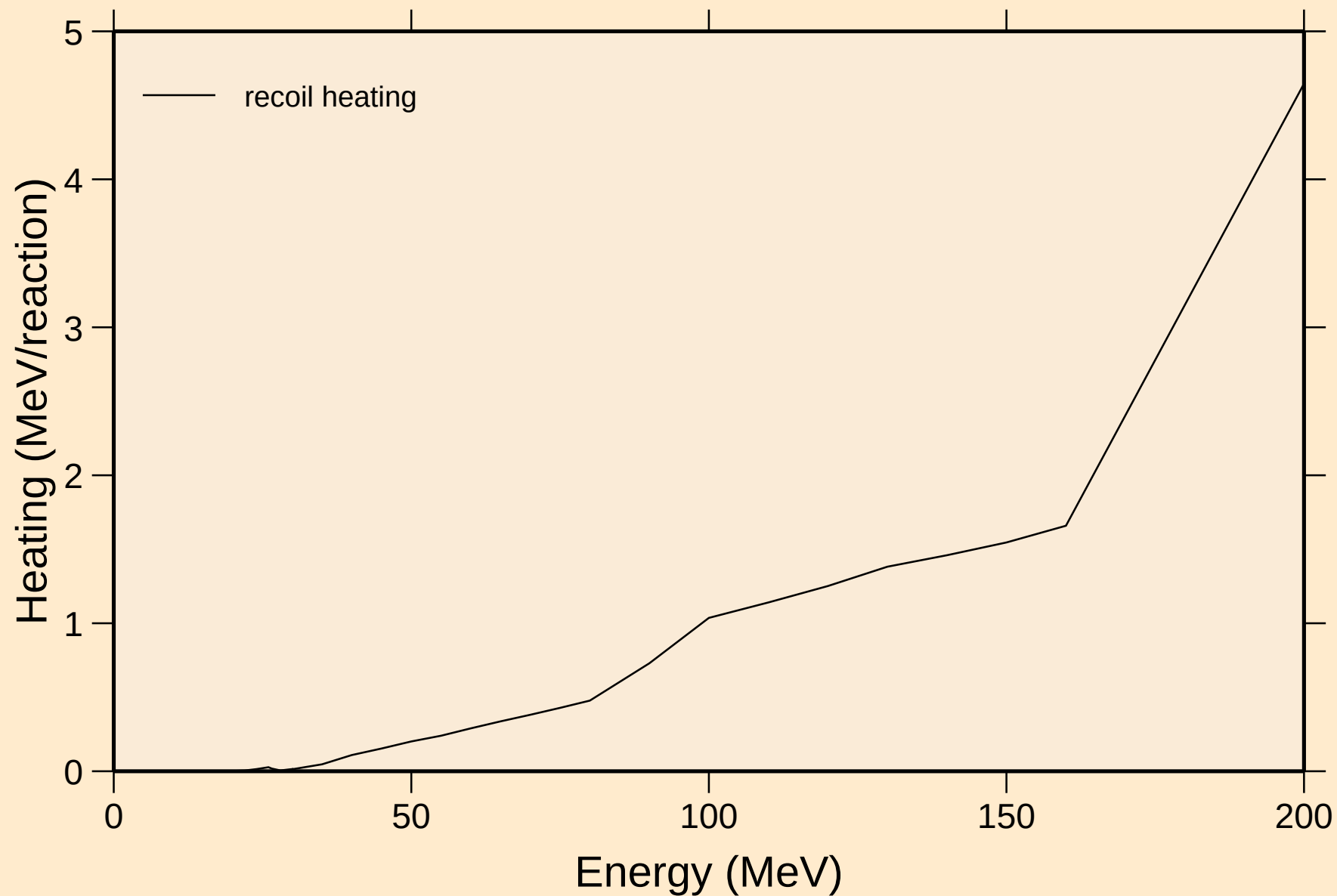
## Particle heating contributions





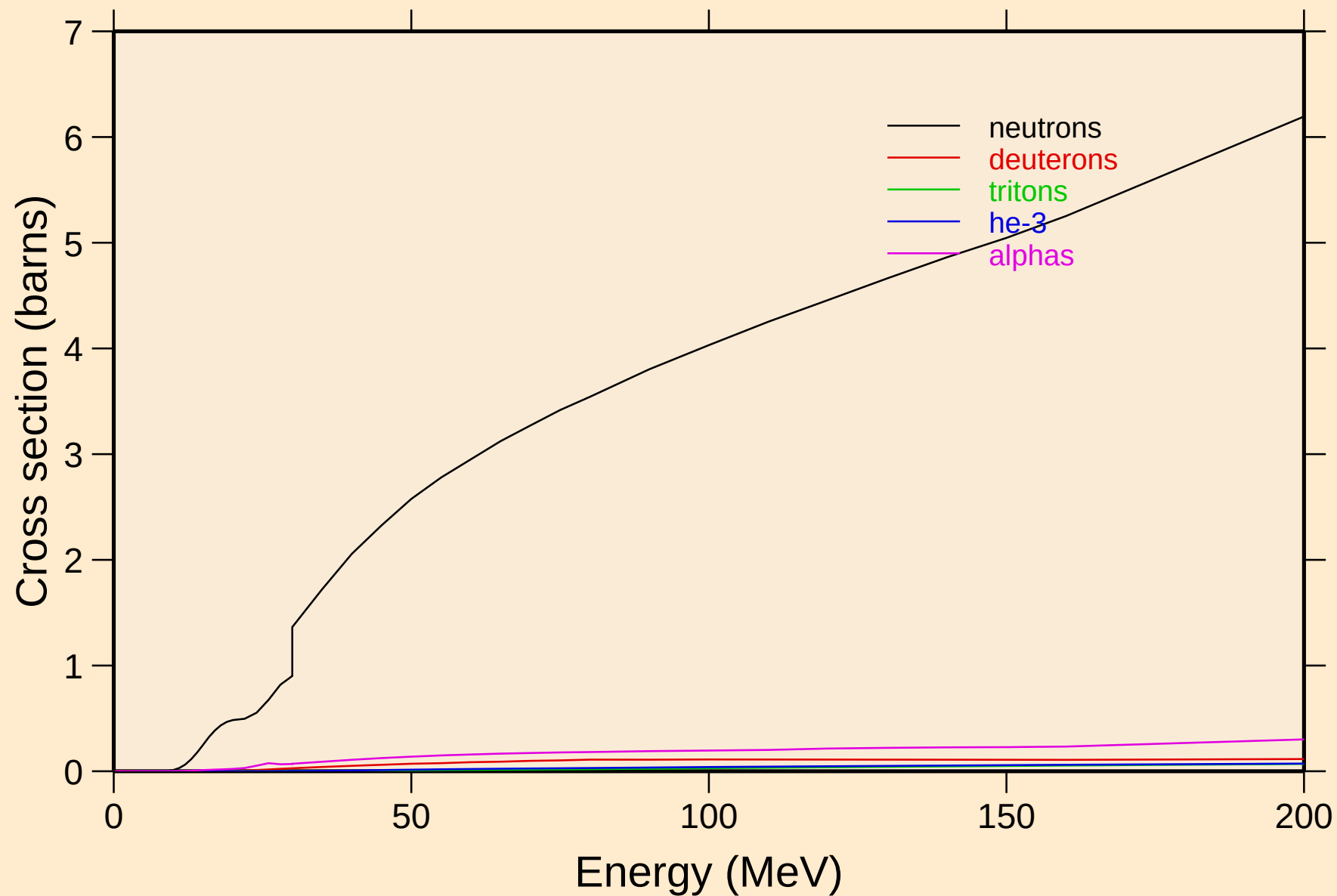
# HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

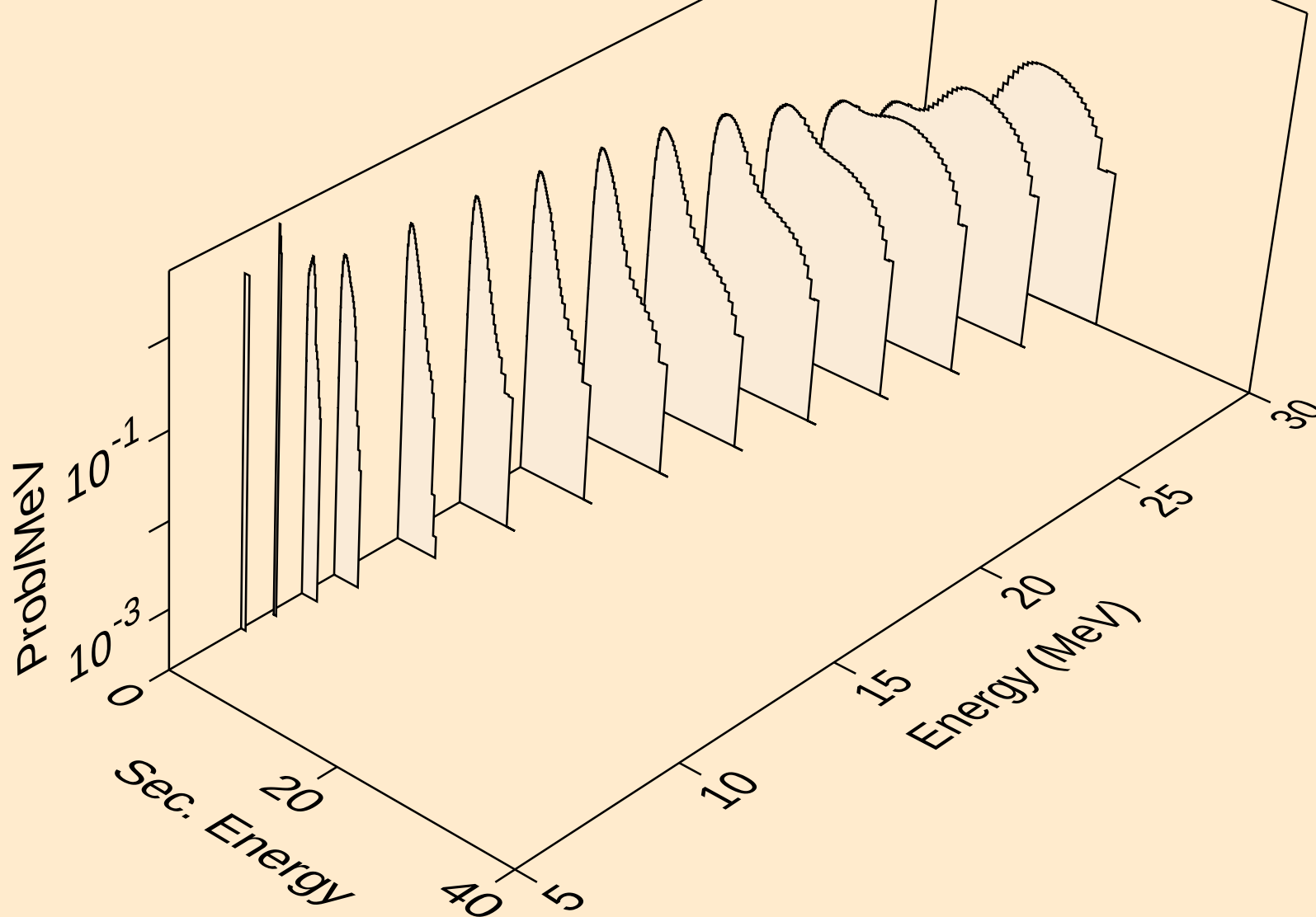


# HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K

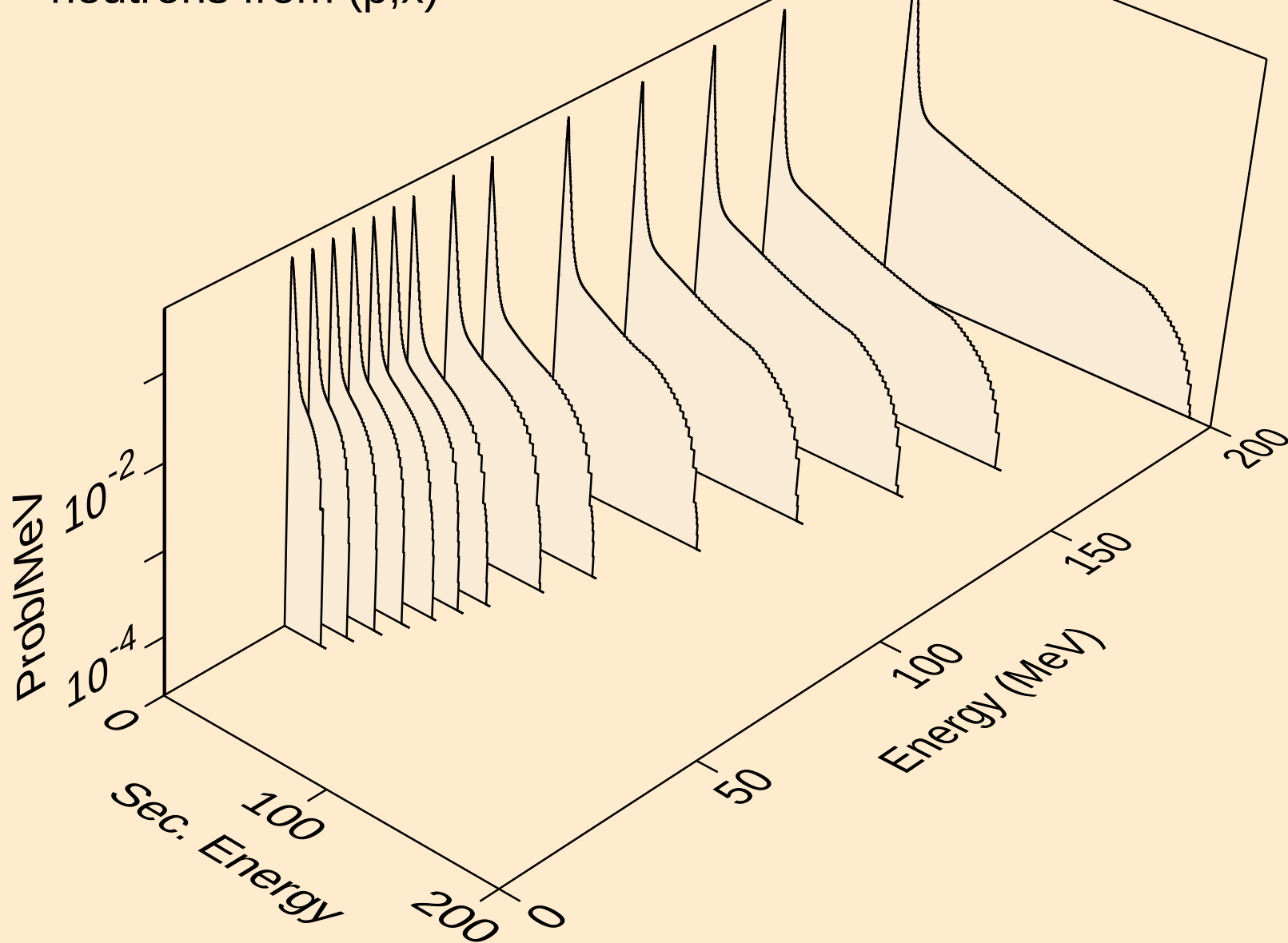
Particle production cross sections



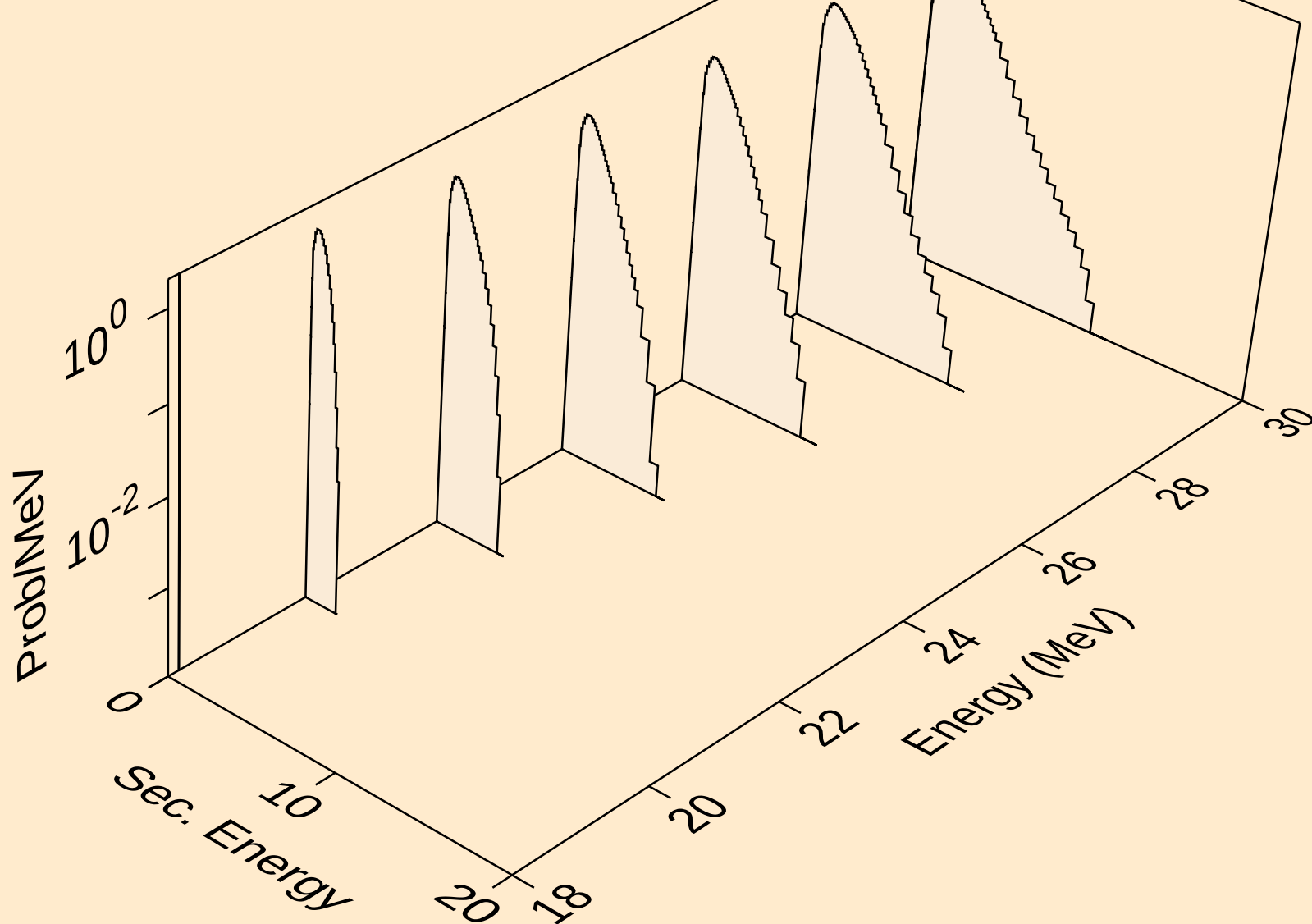
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



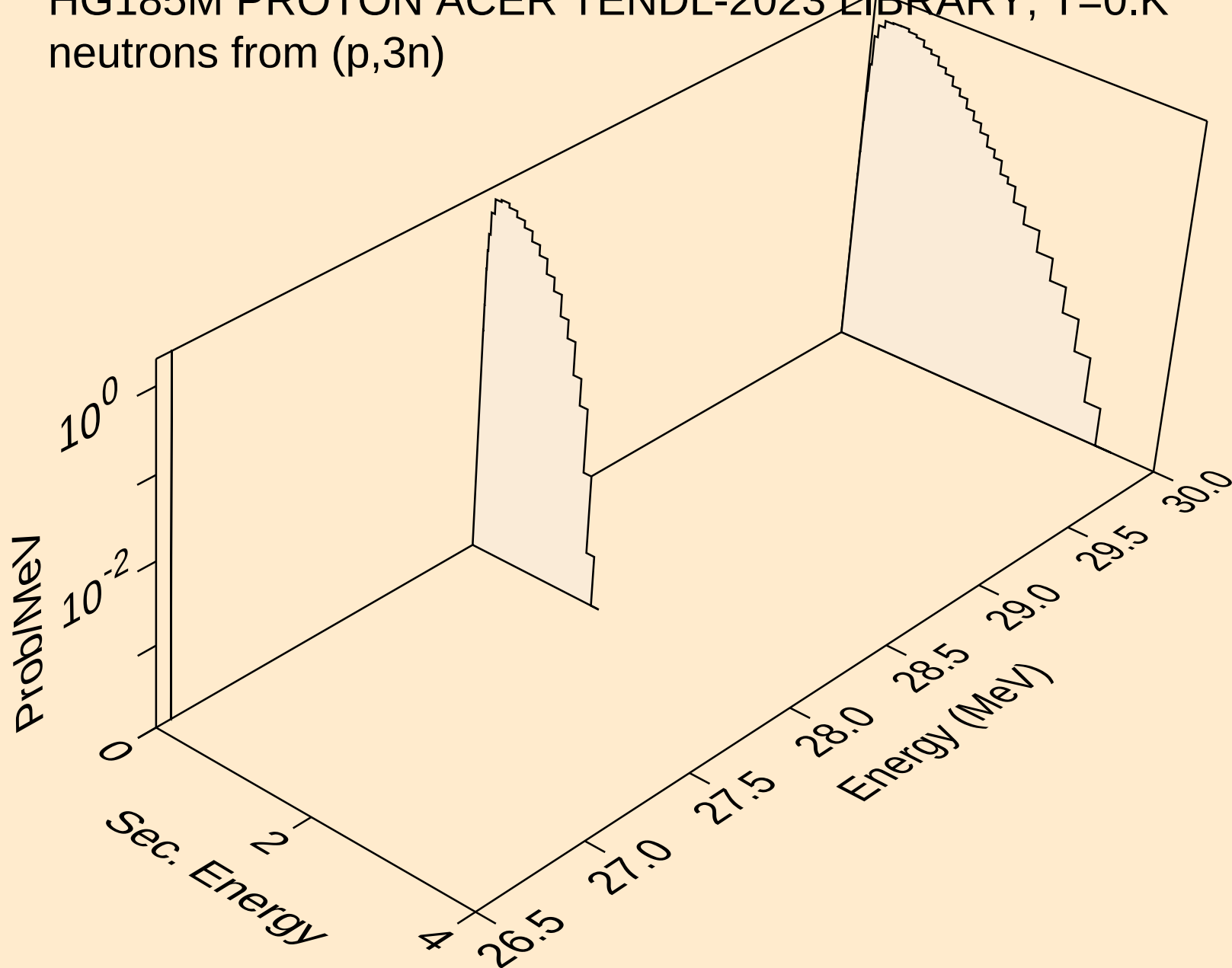
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



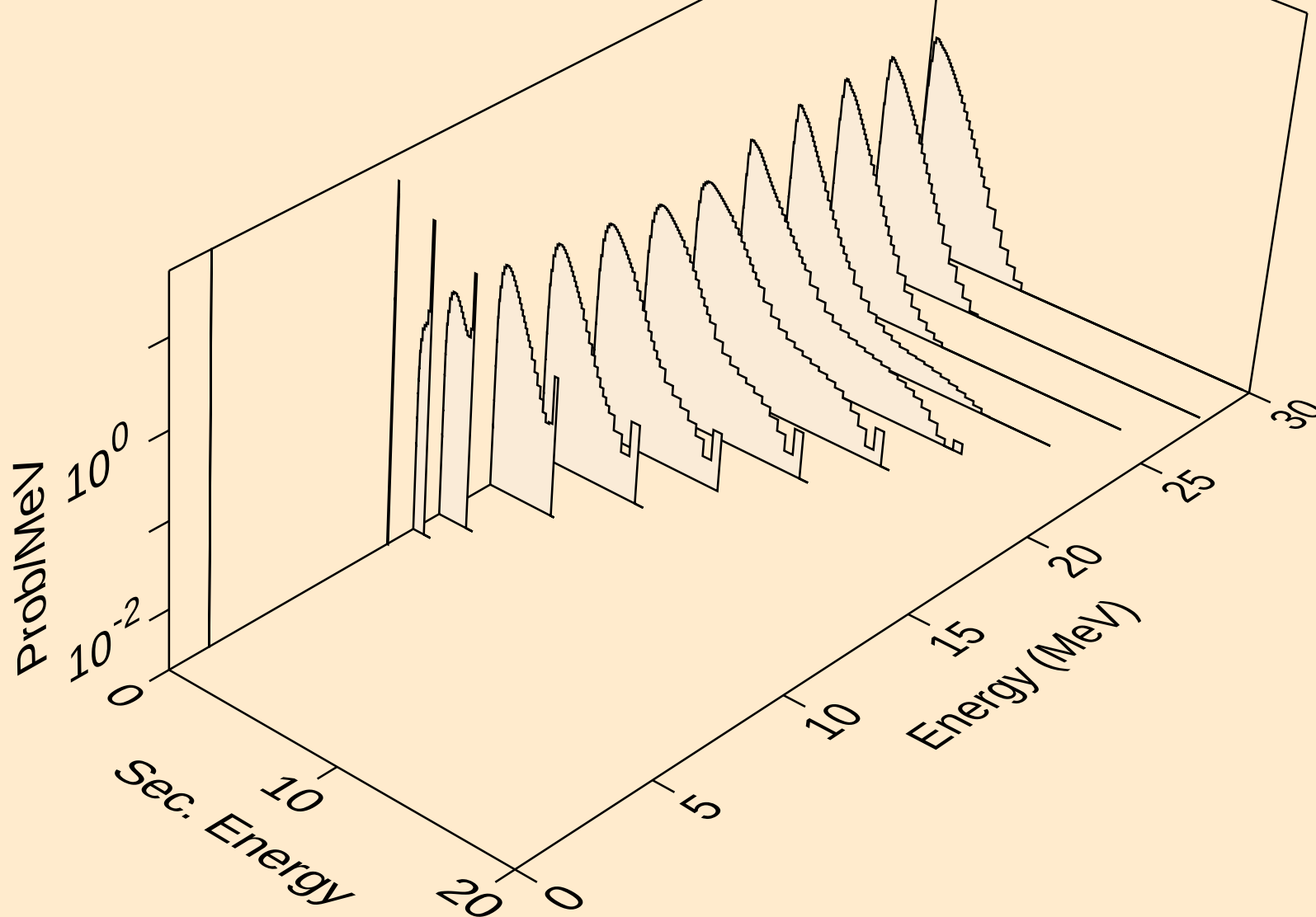
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



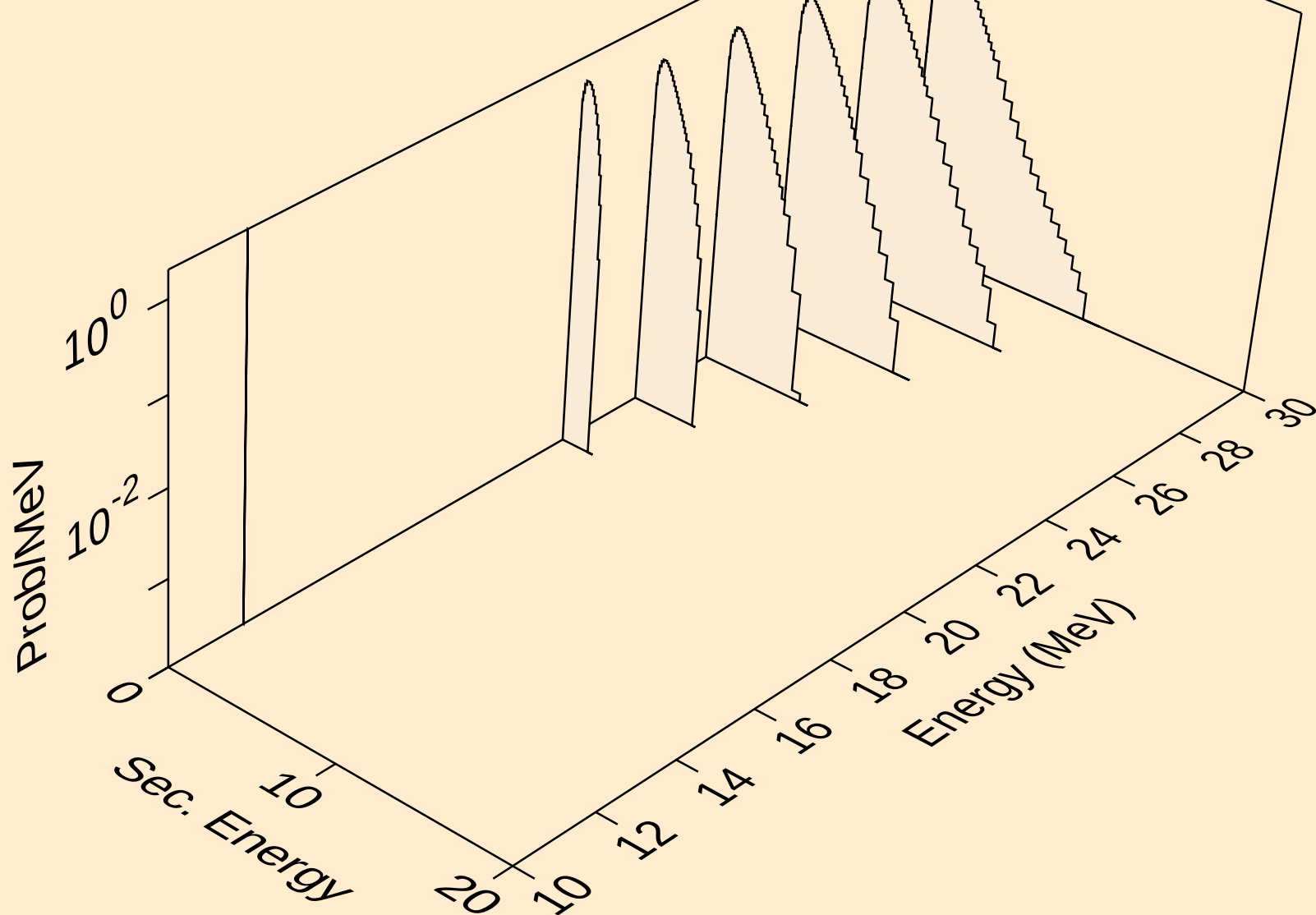
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a

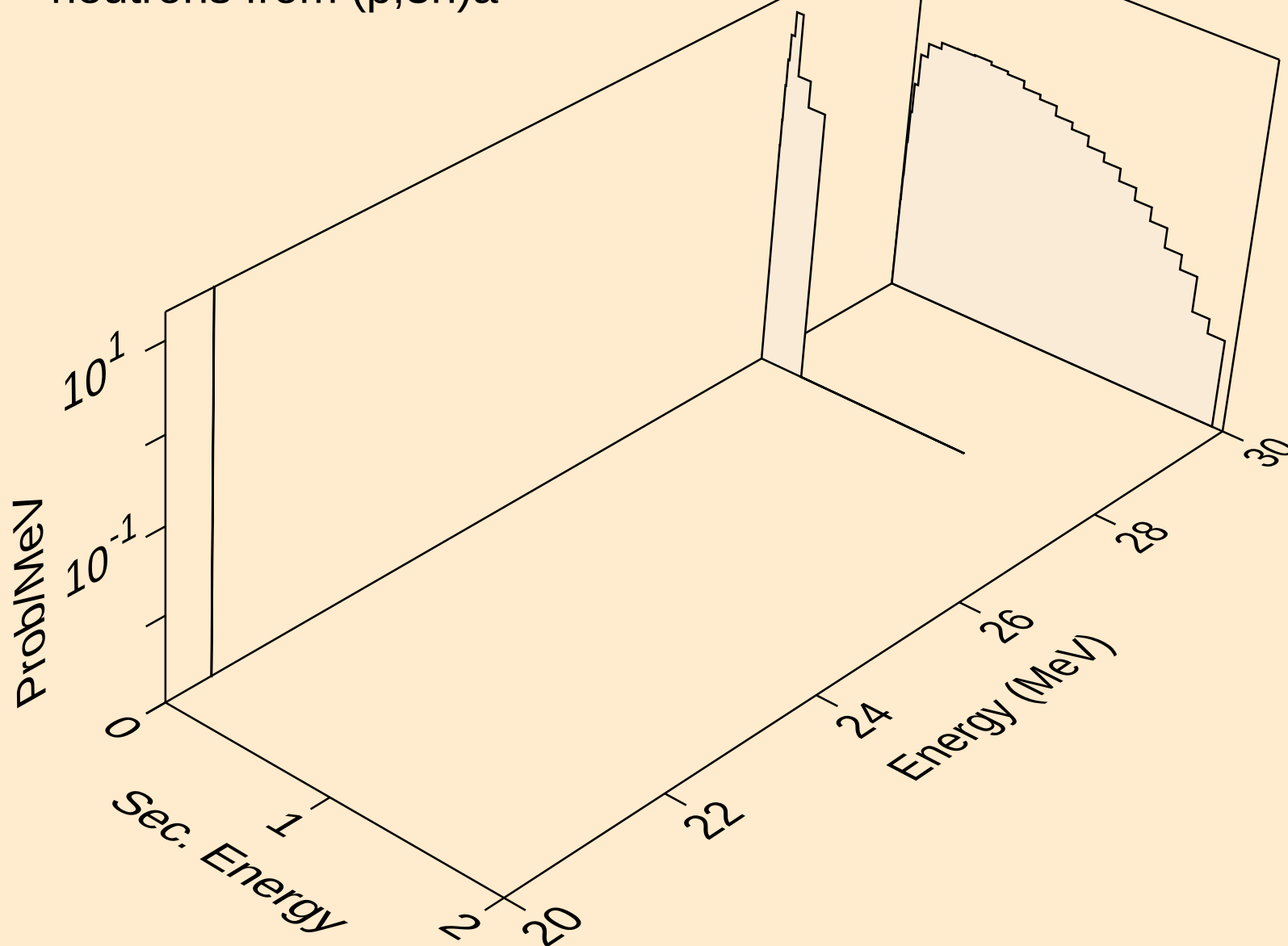


HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a

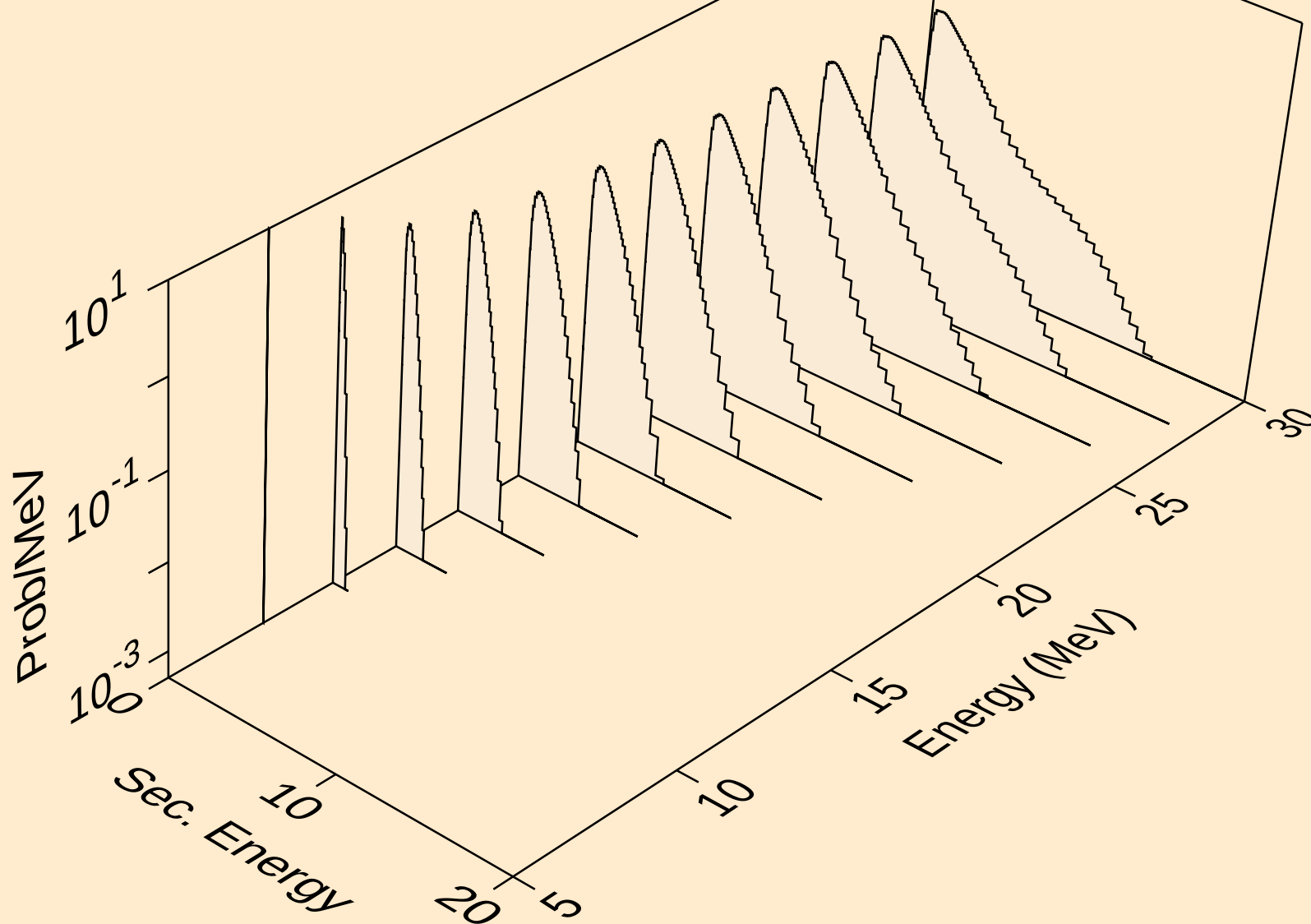




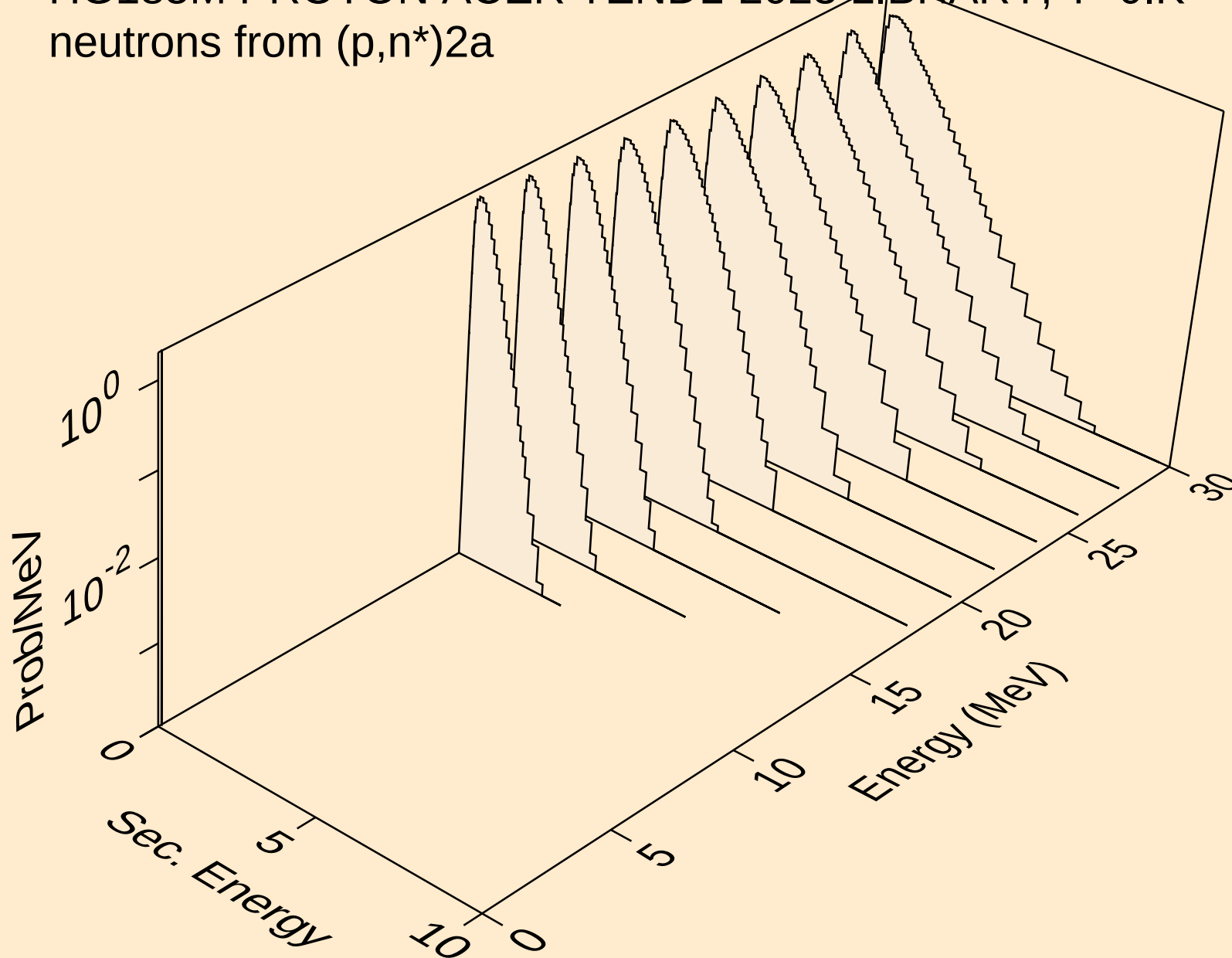
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



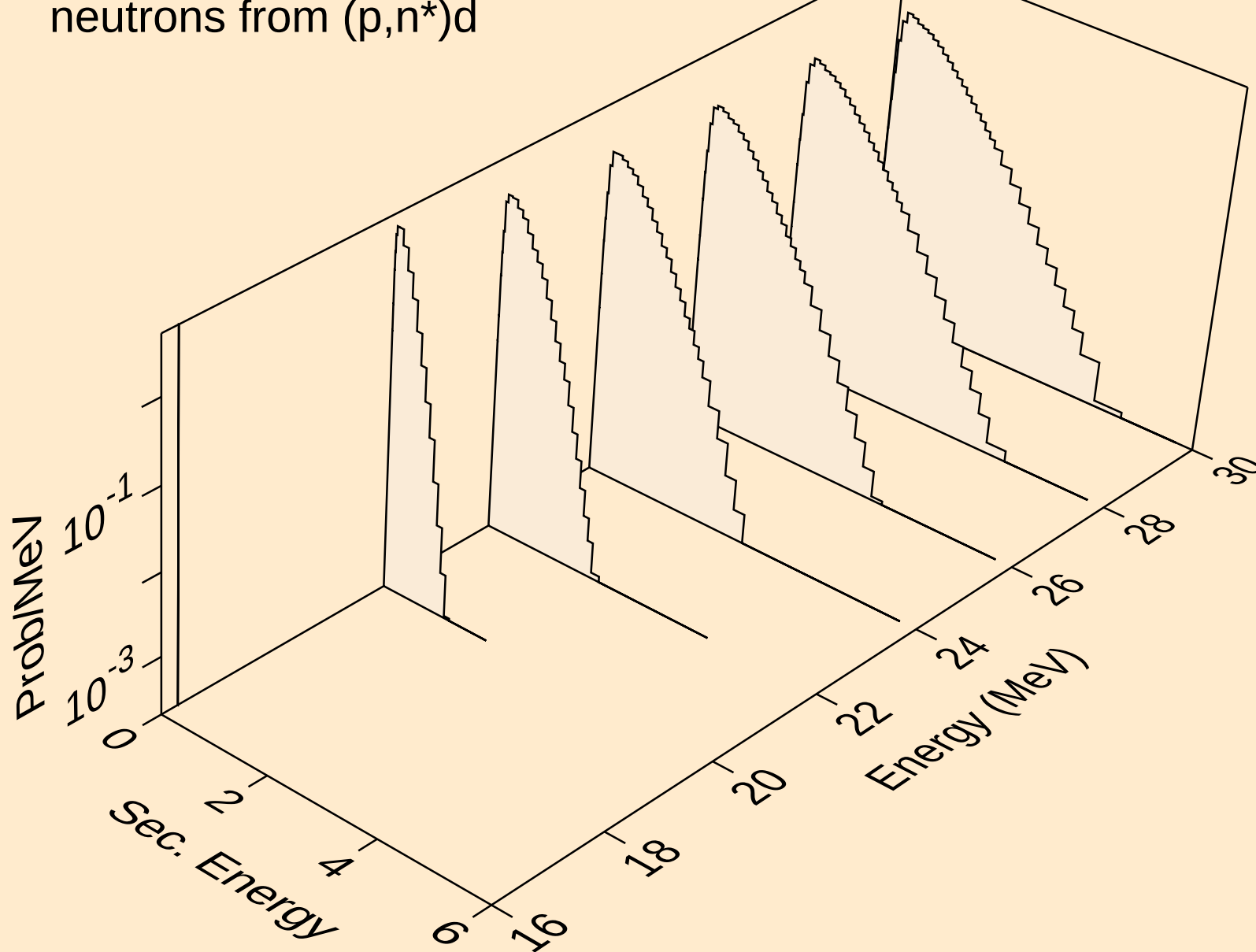
HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
neutrons from  $(p,n^*)p$



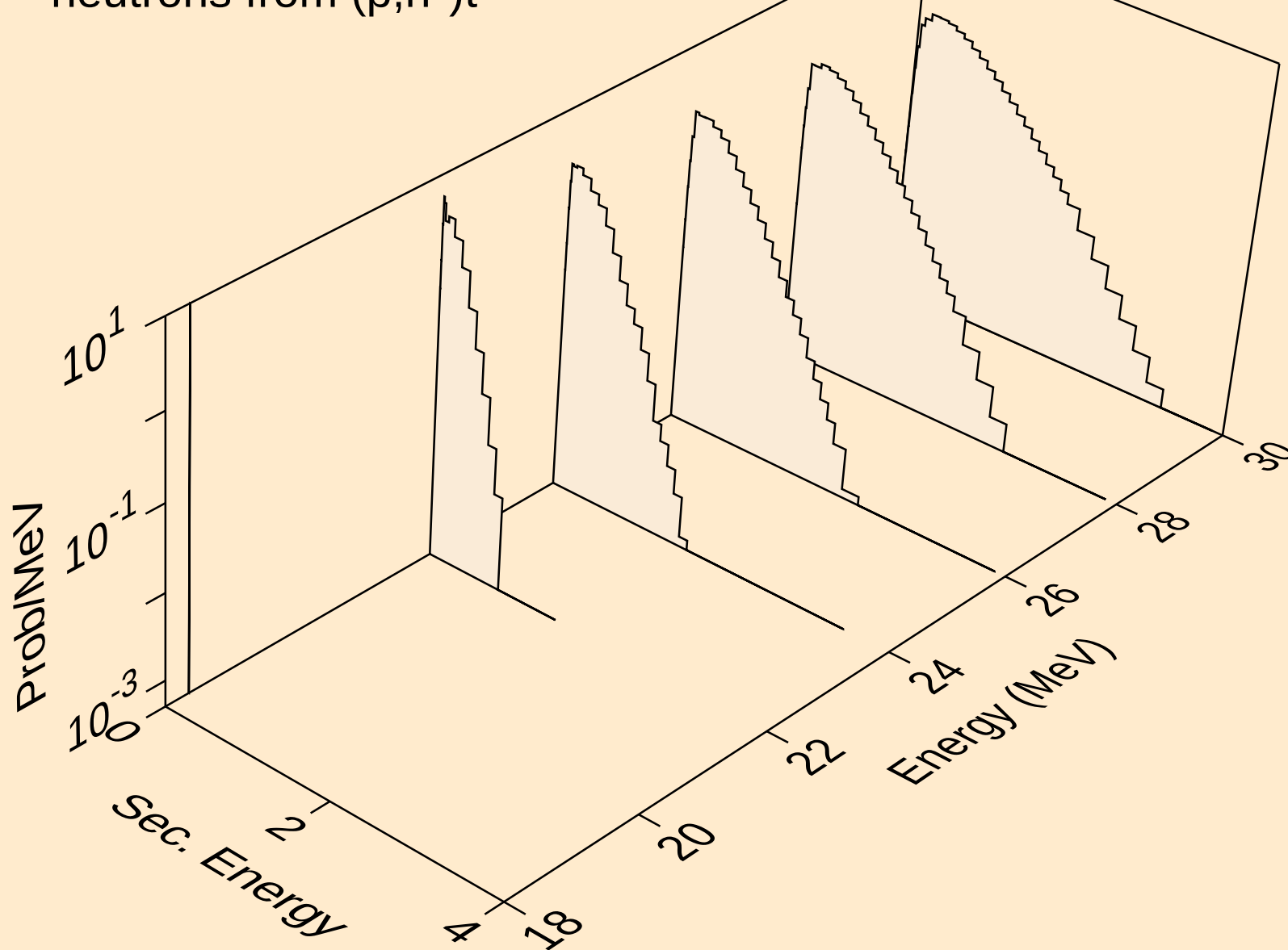
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



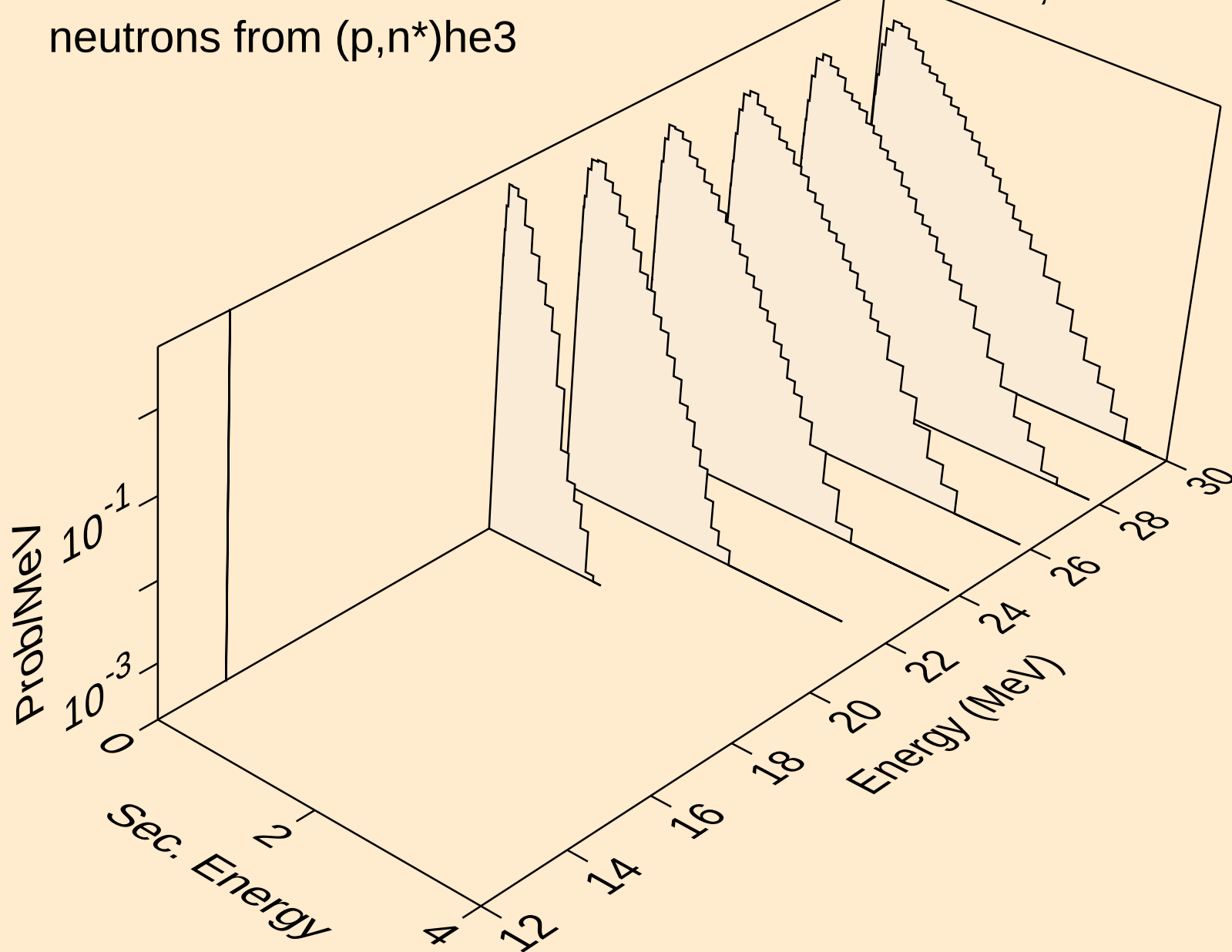
HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
neutrons from  $(p,n^*)d$



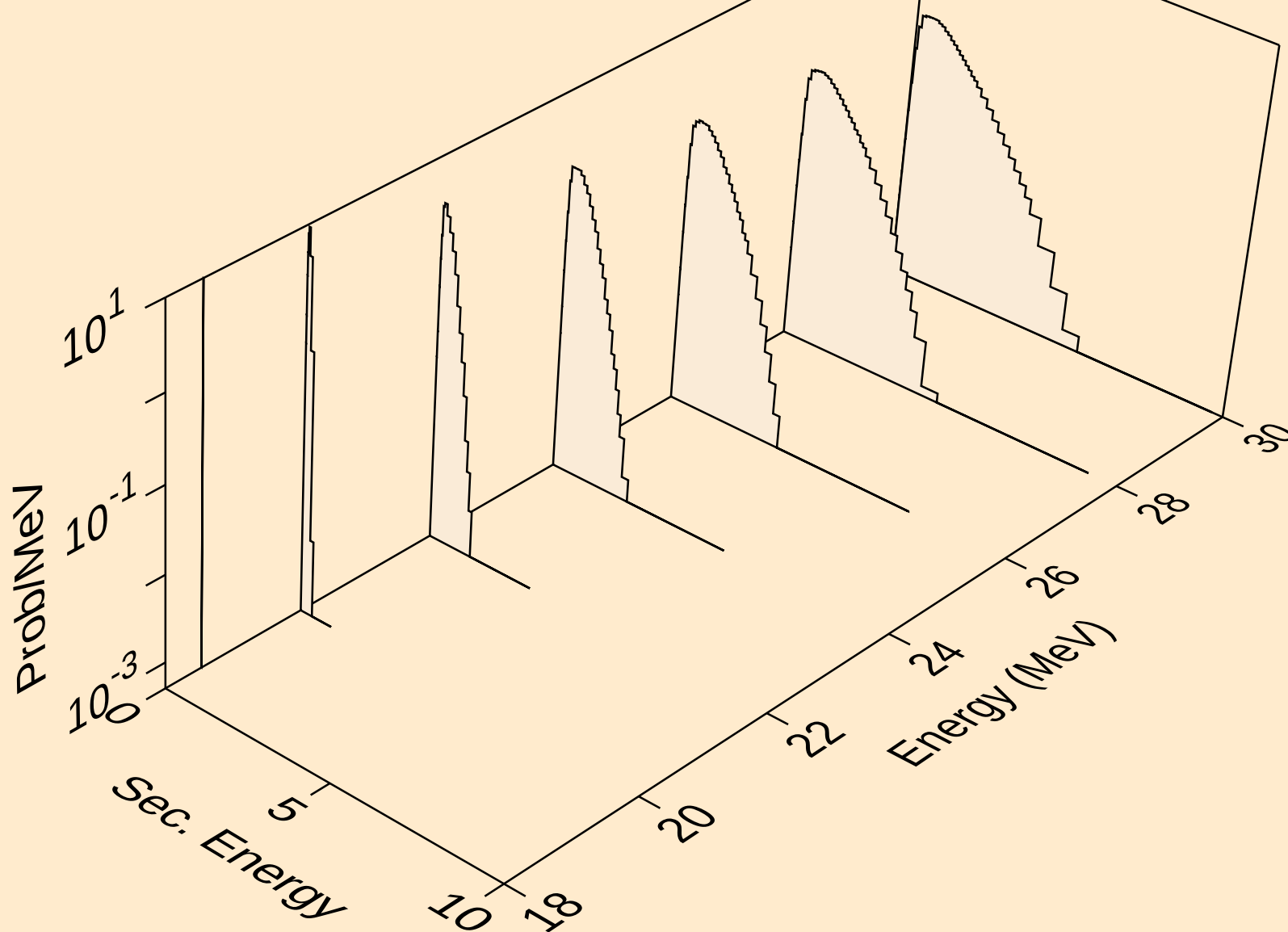
HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
neutrons from  $(p,n^*)t$



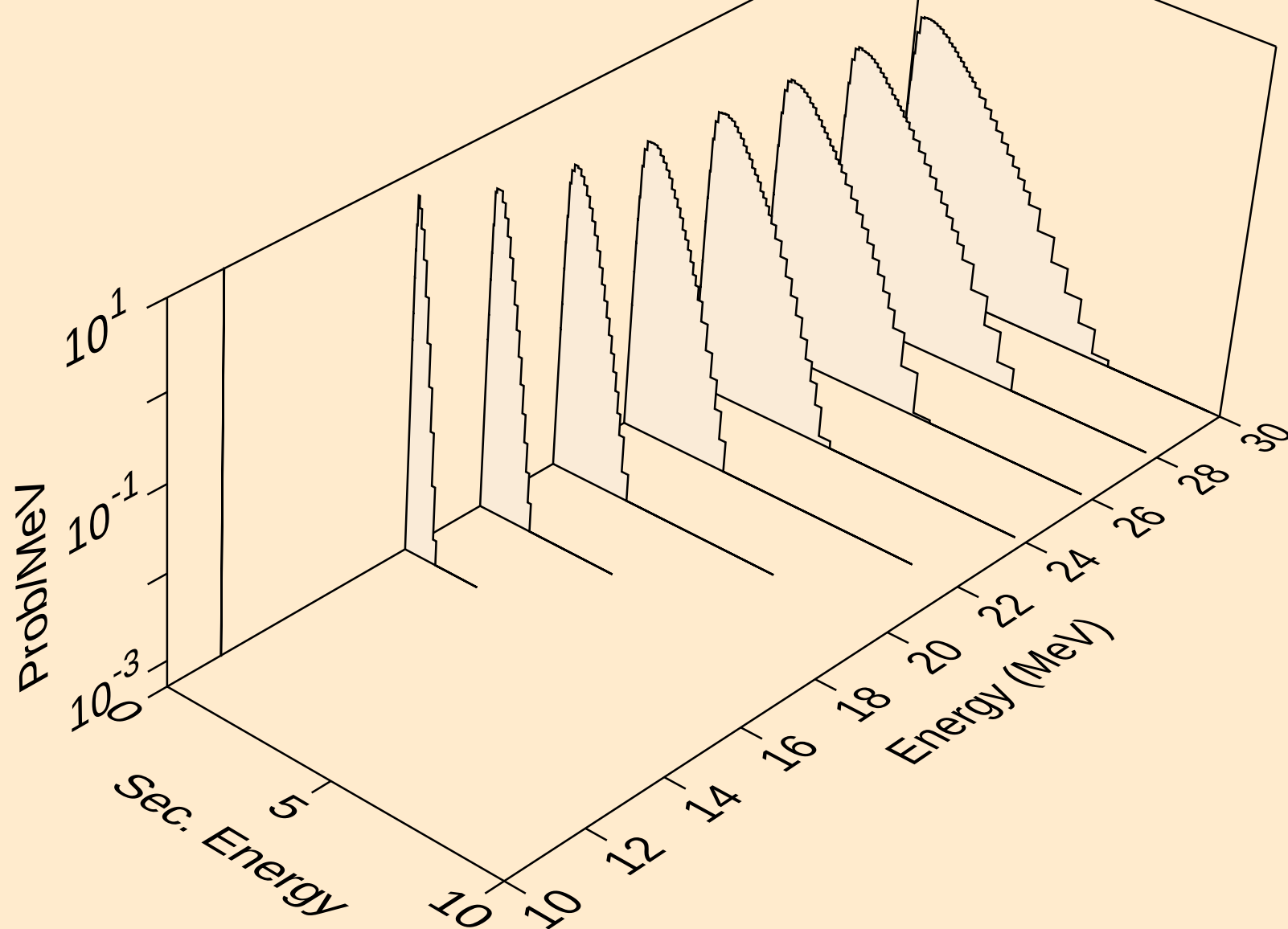
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)

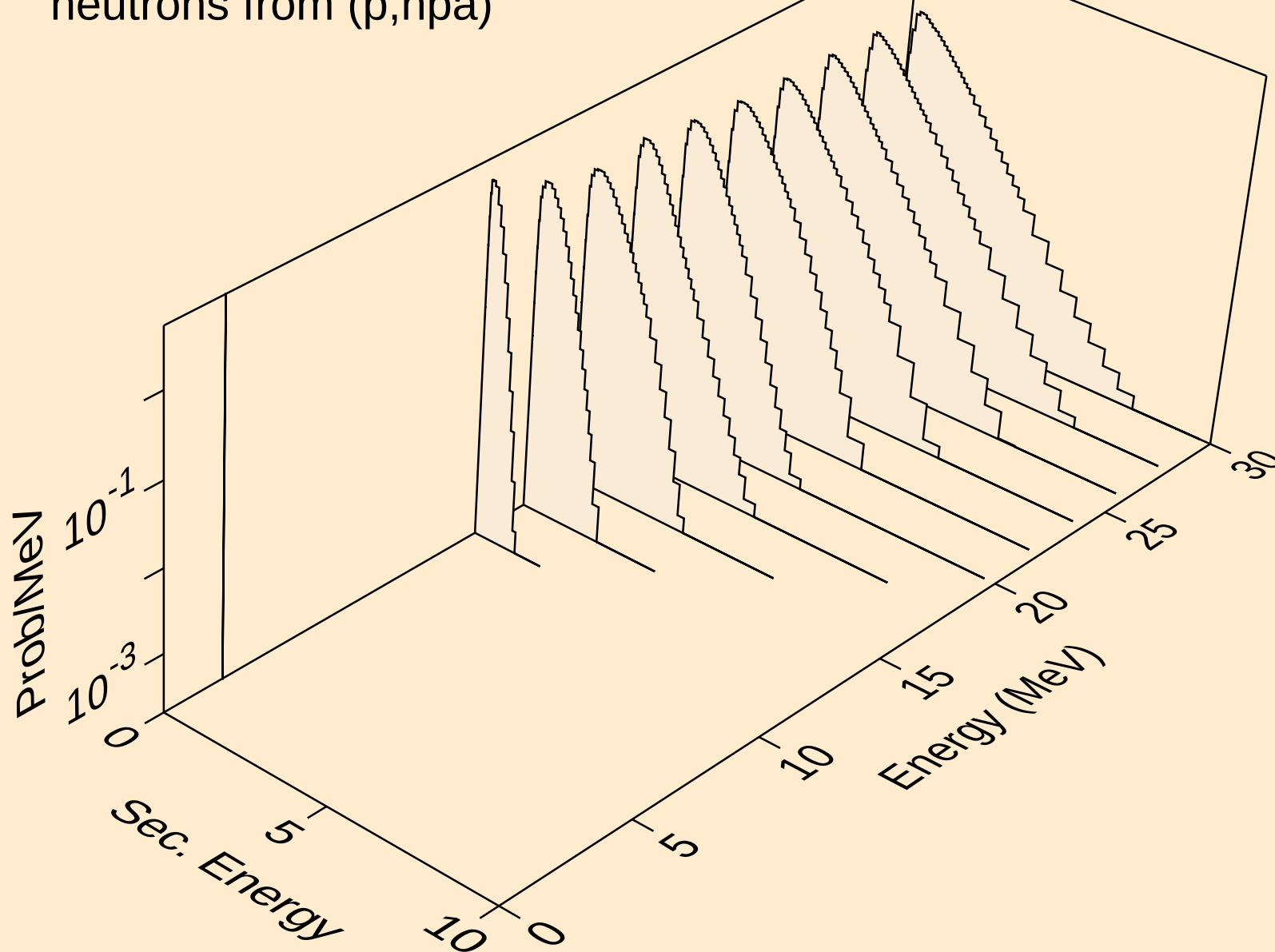


HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)

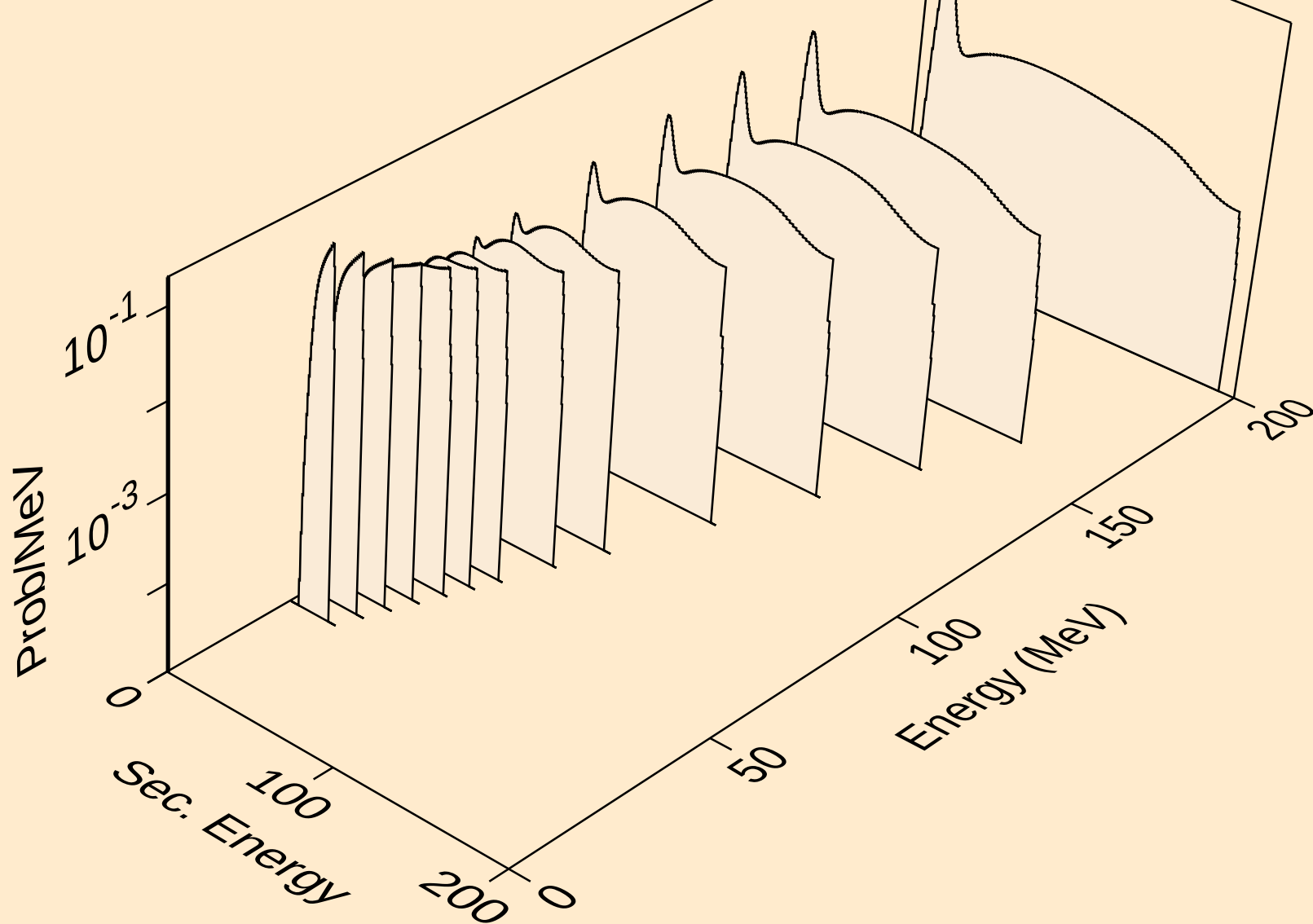




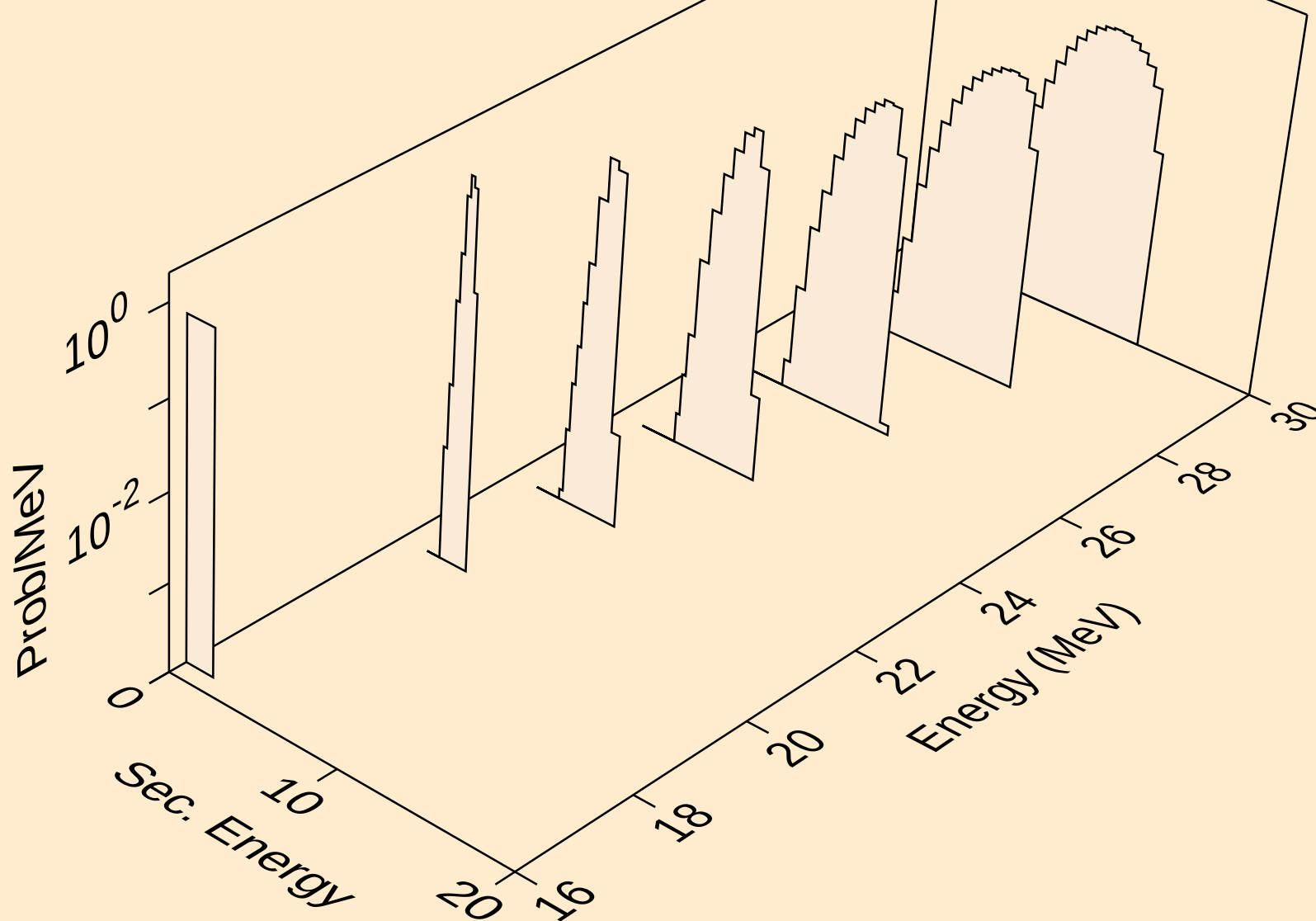
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



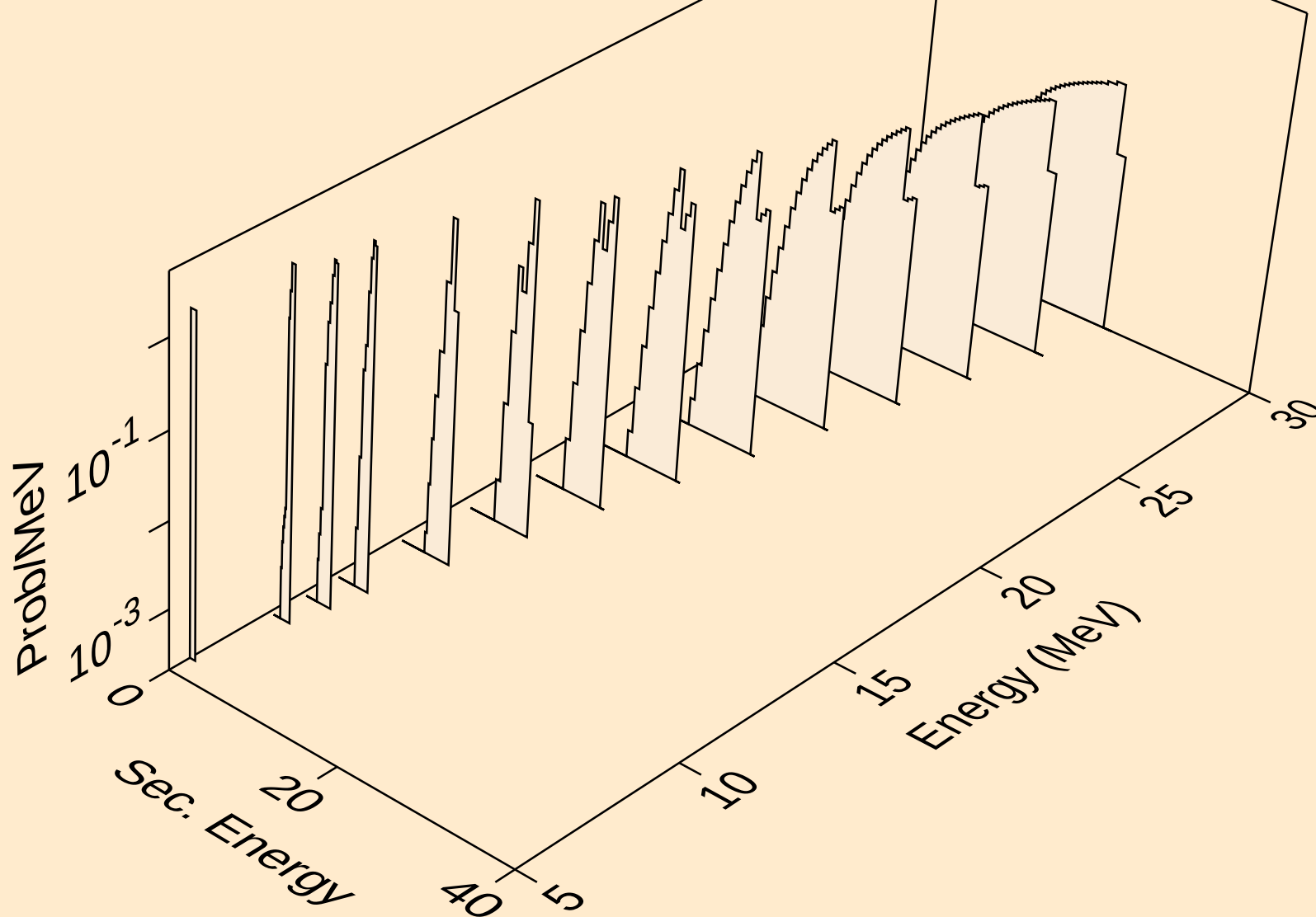
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



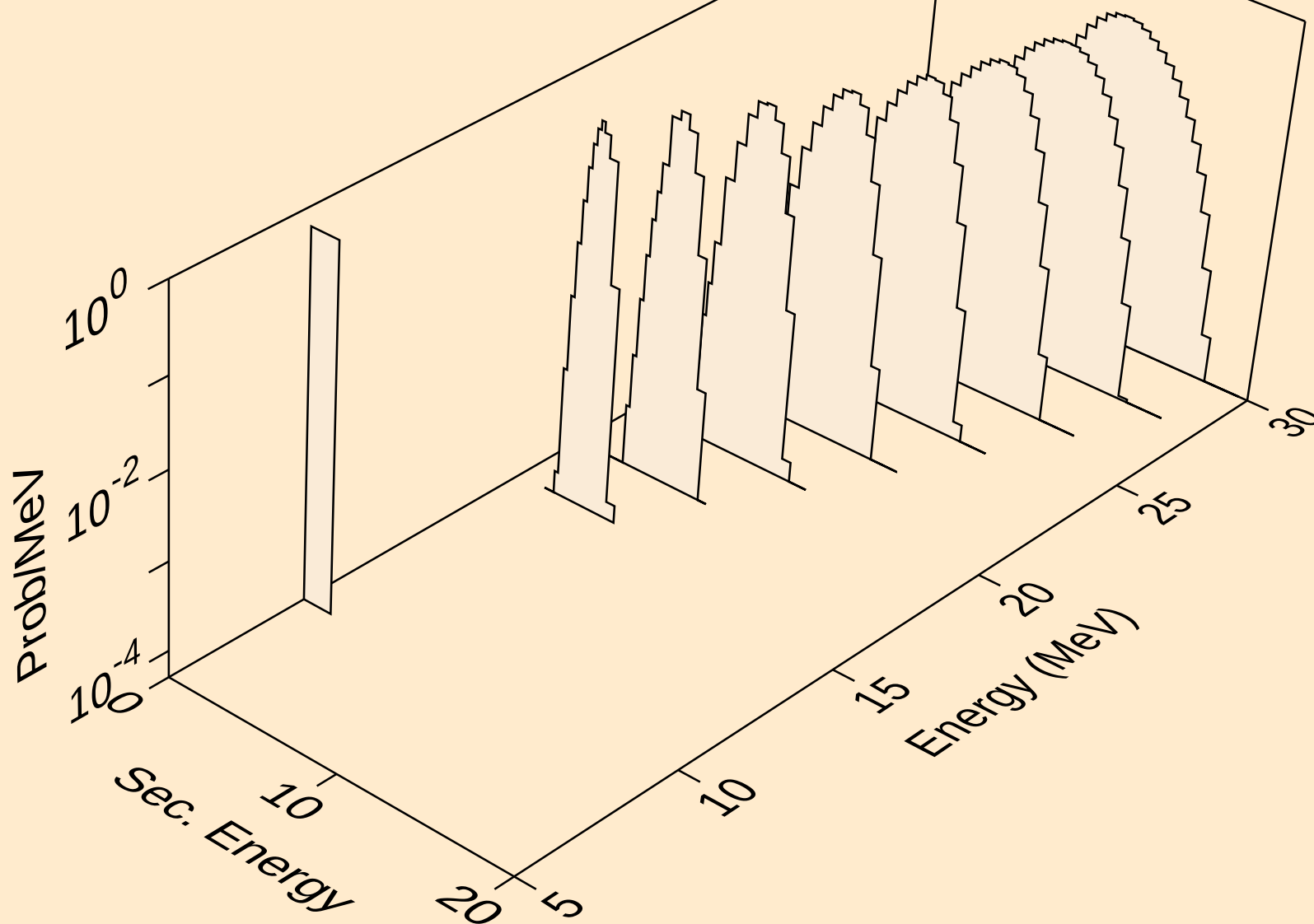
HG185M PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
deuterons from  $(p,n^*)d$



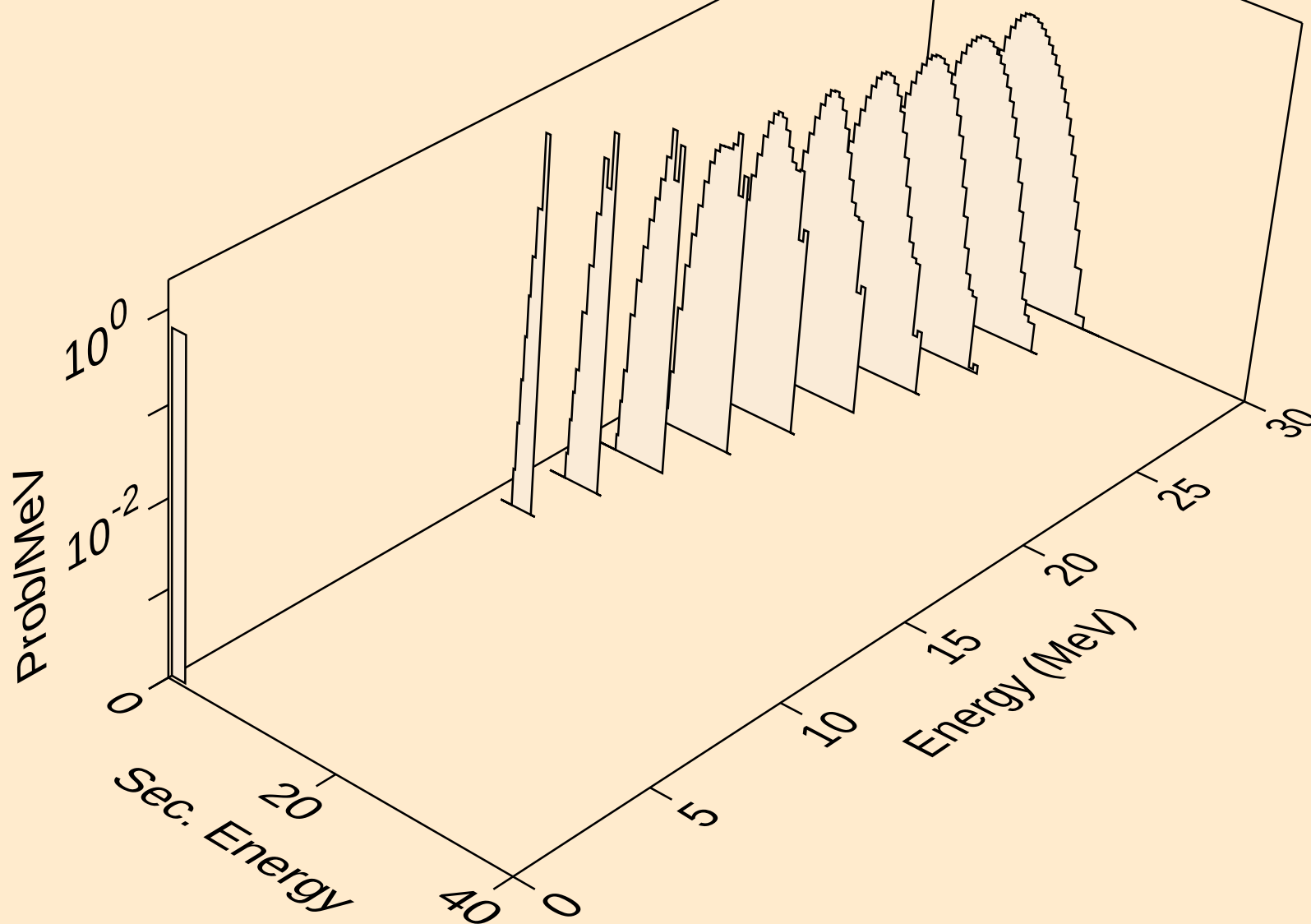
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



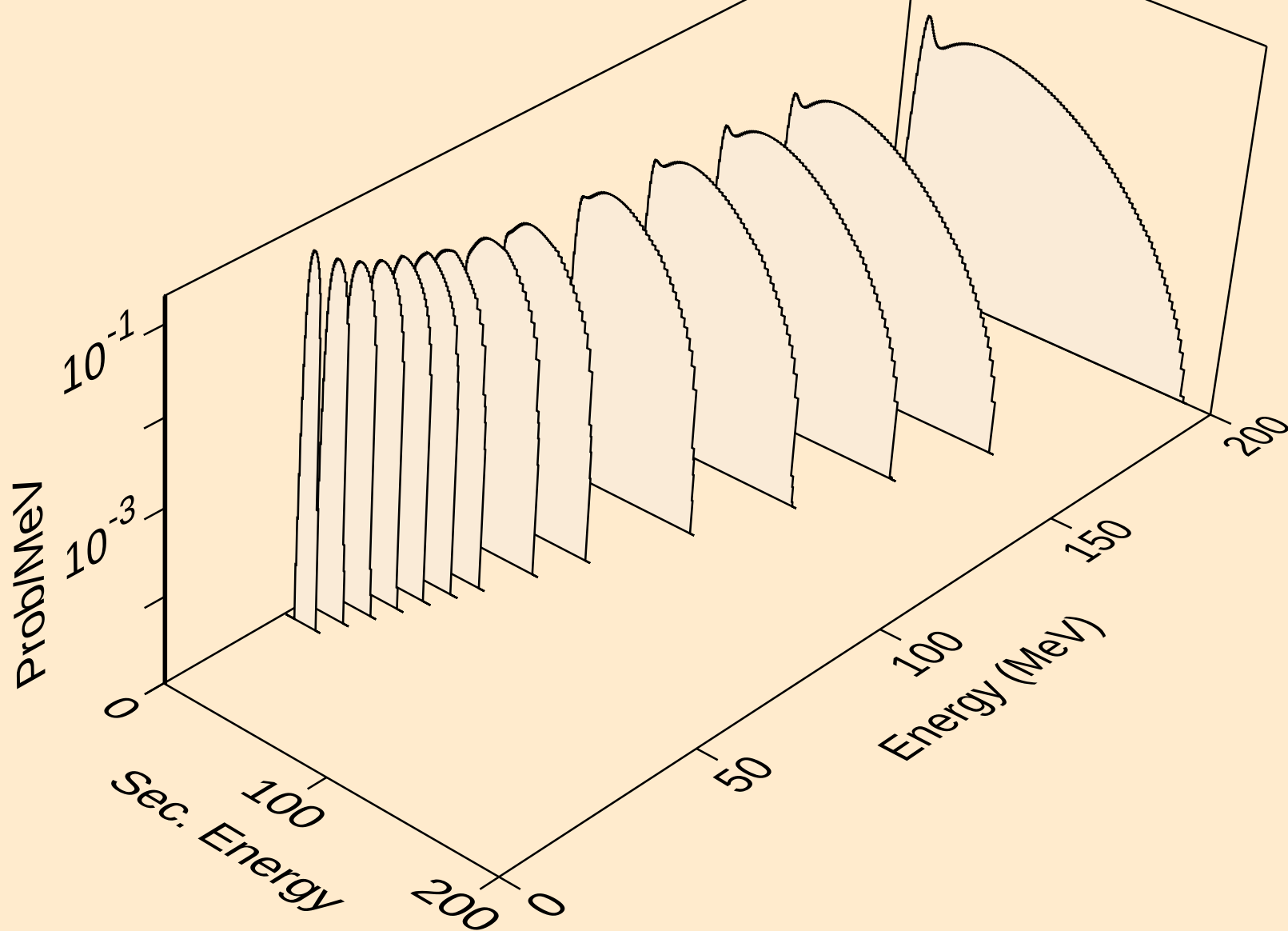
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



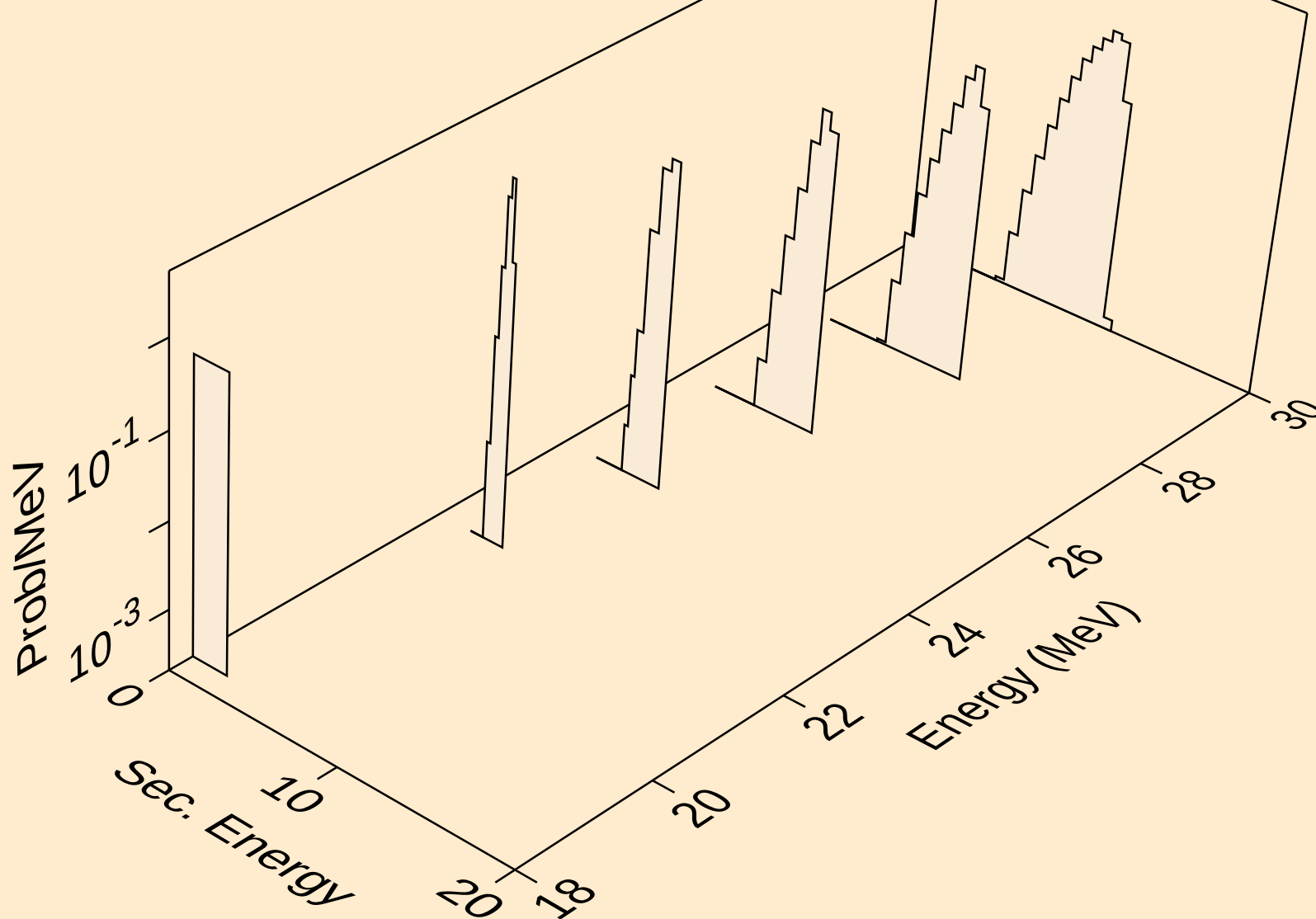
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

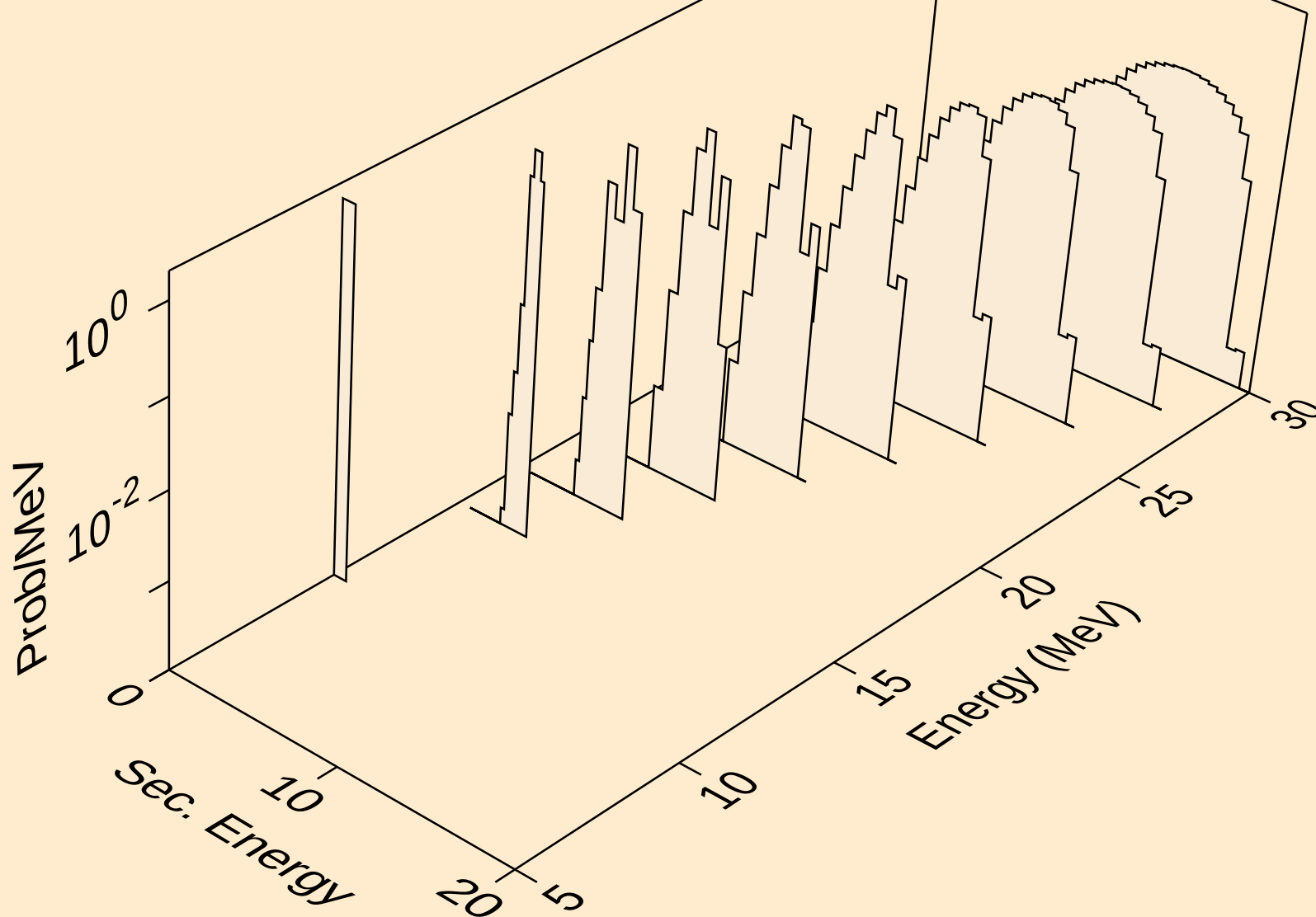


HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

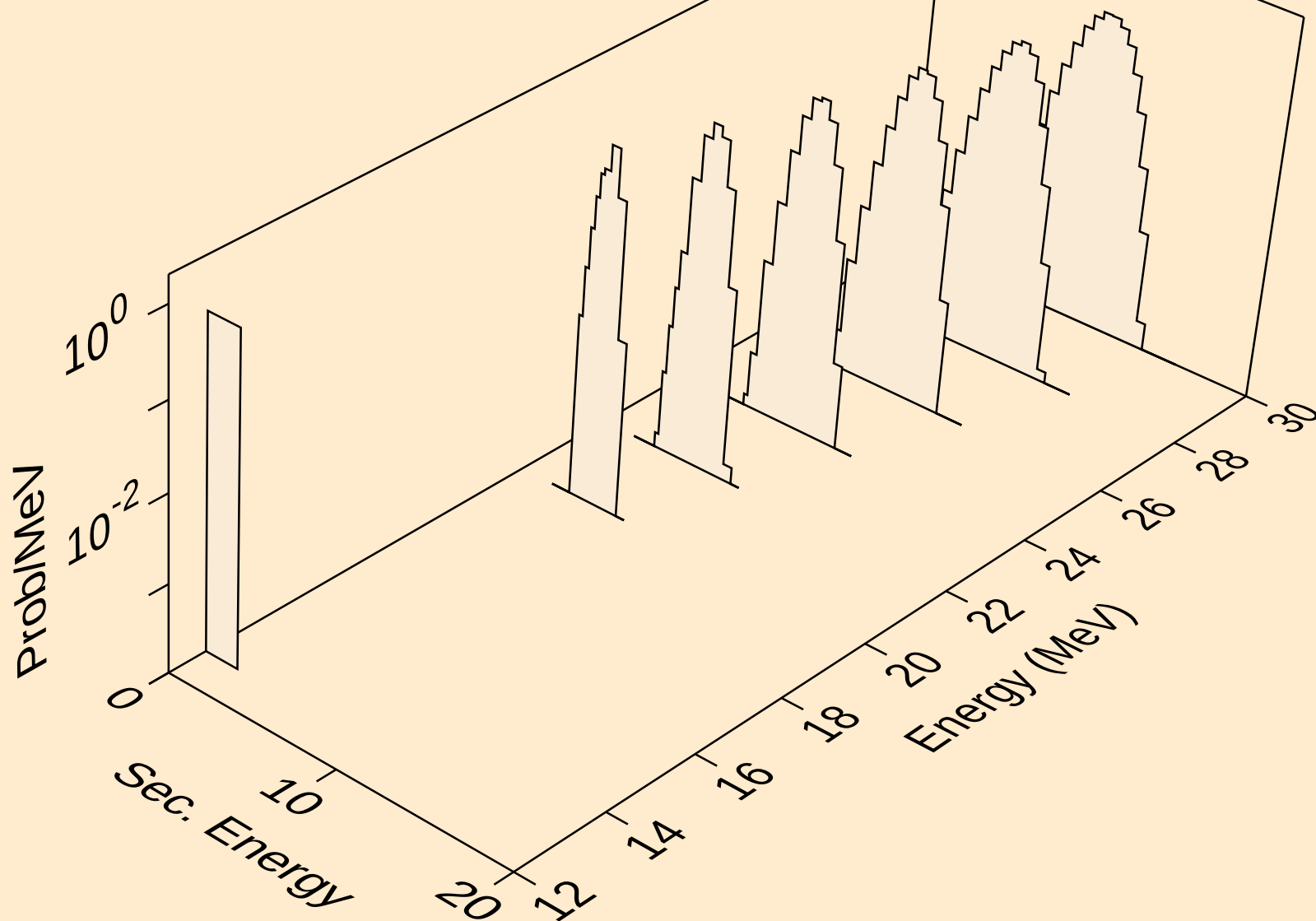




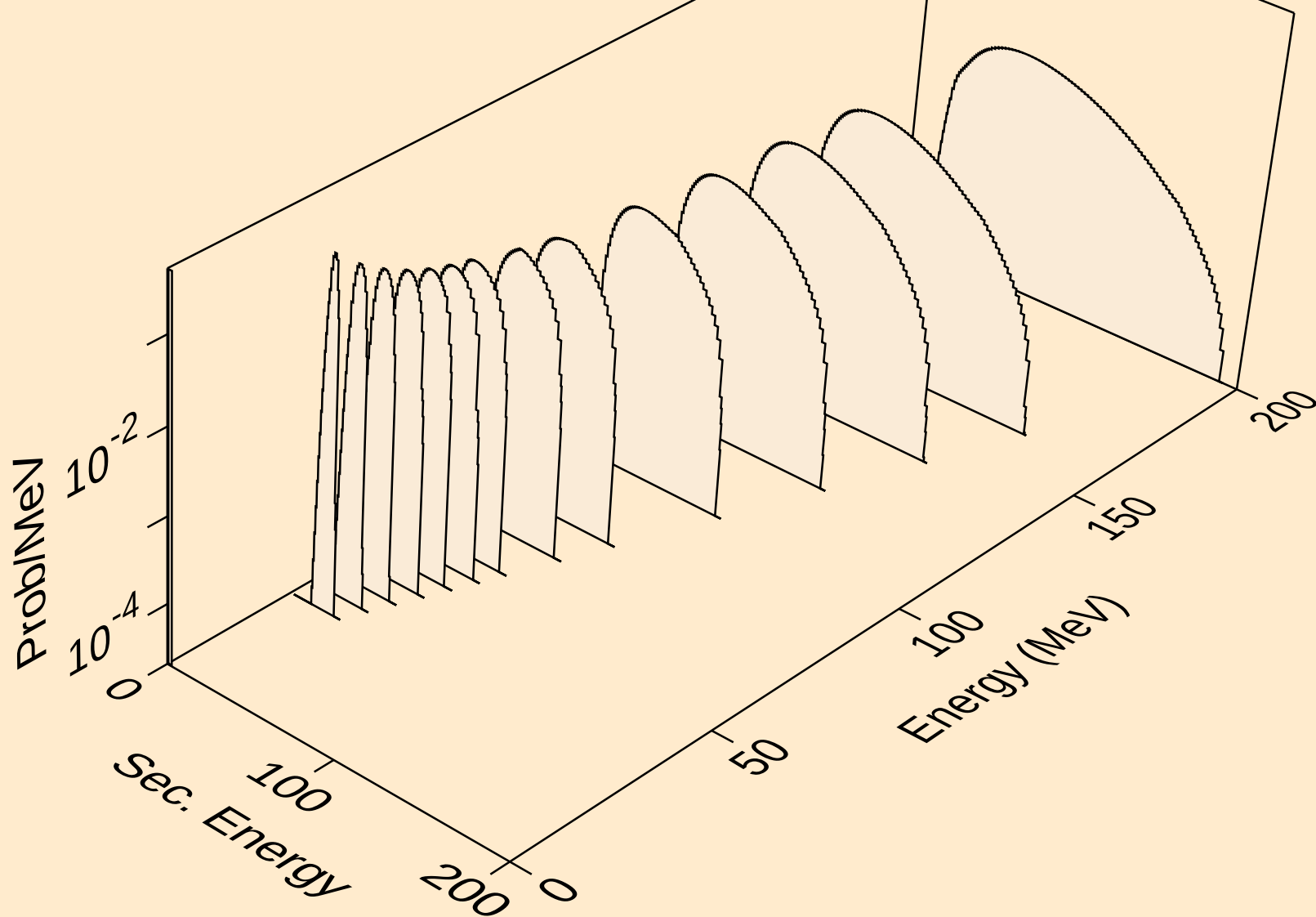
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



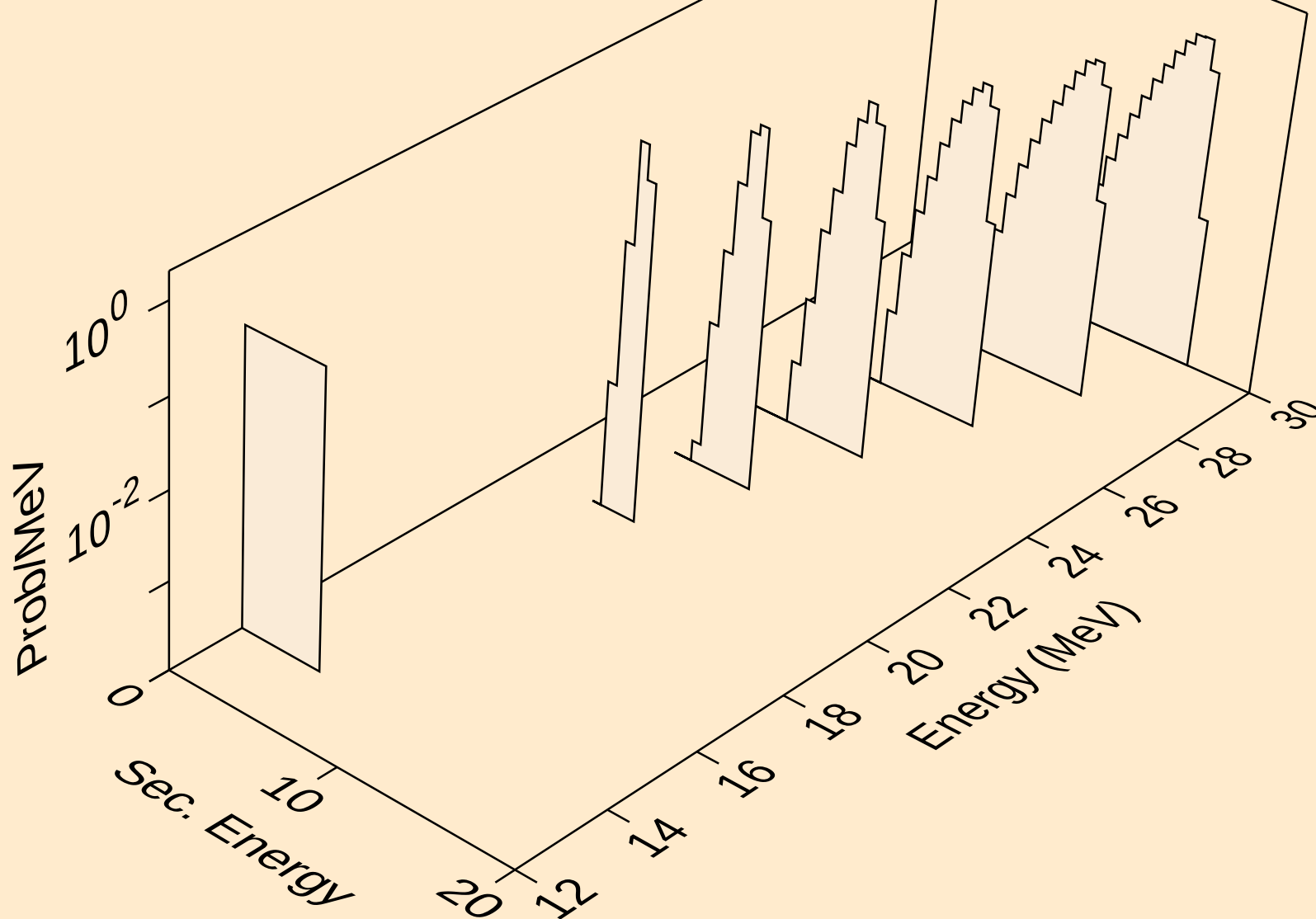
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



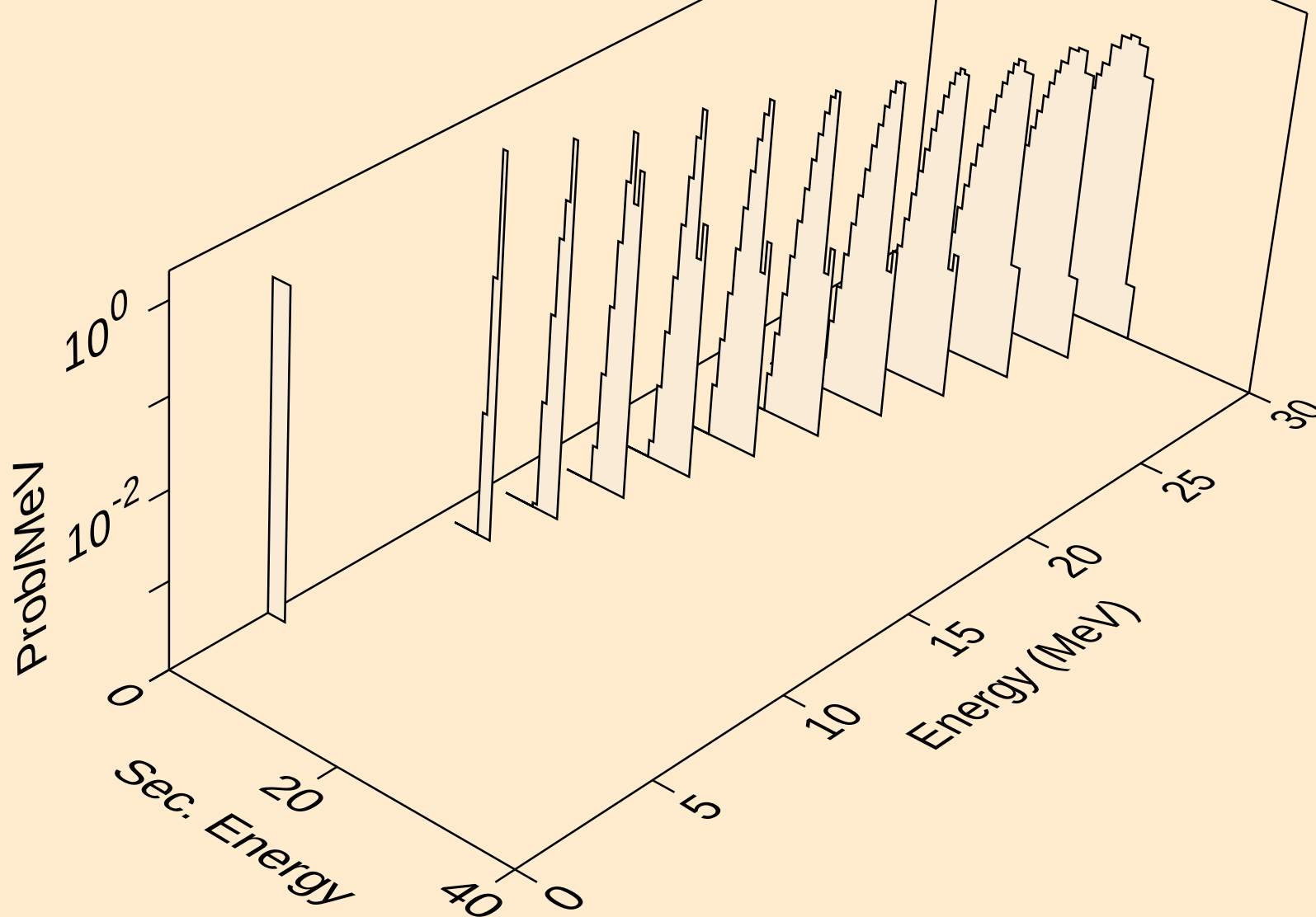
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



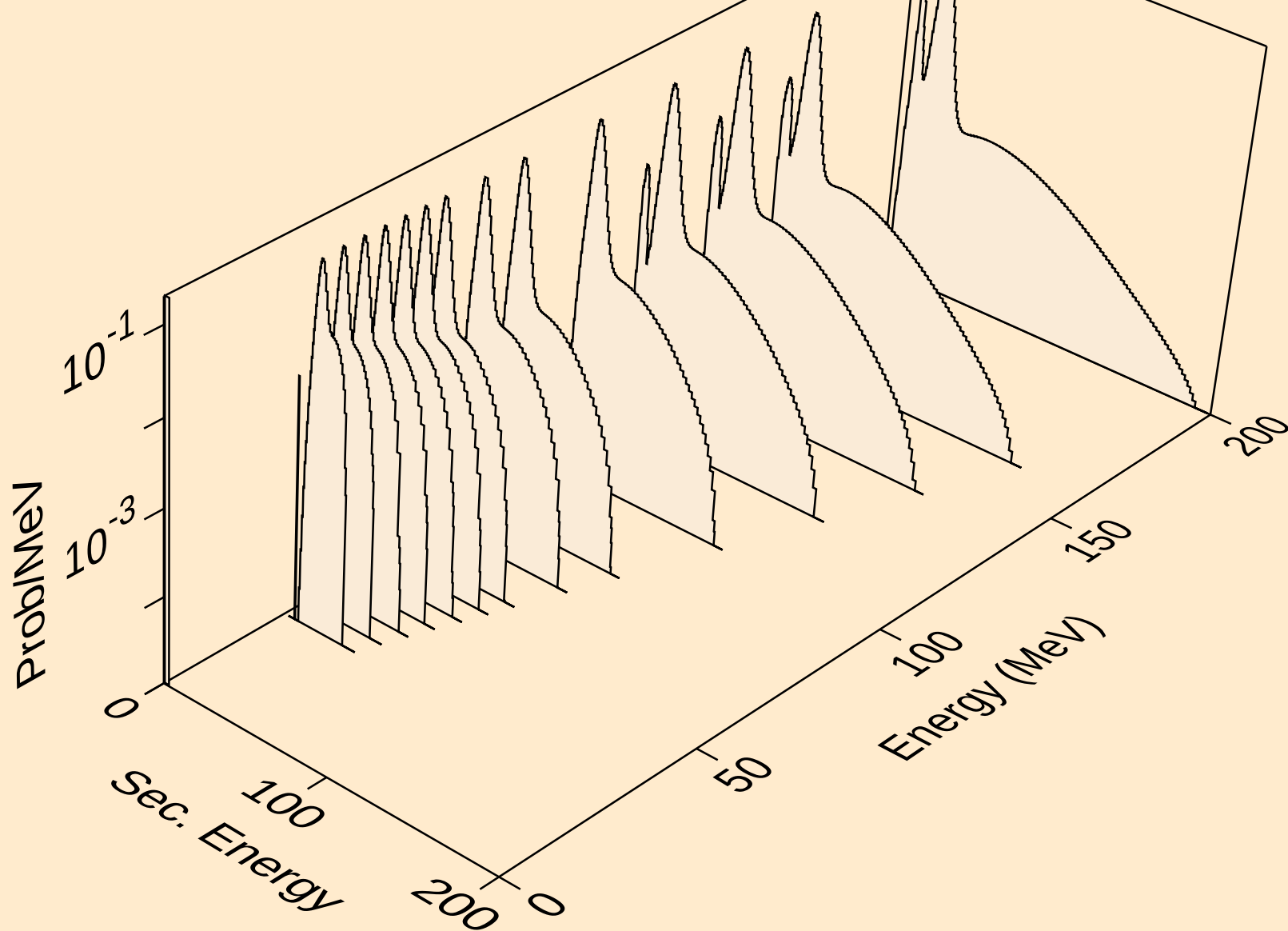
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



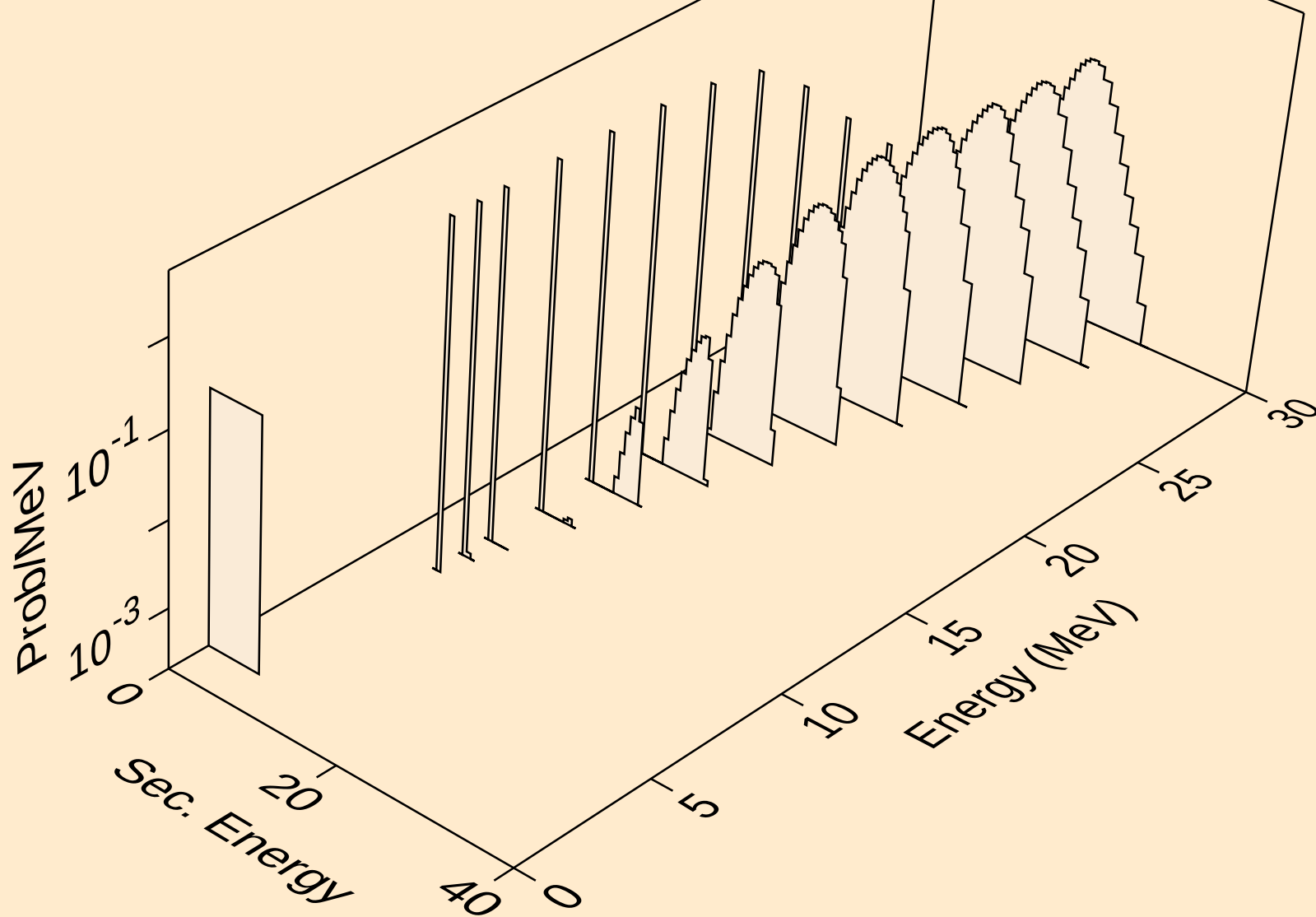
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



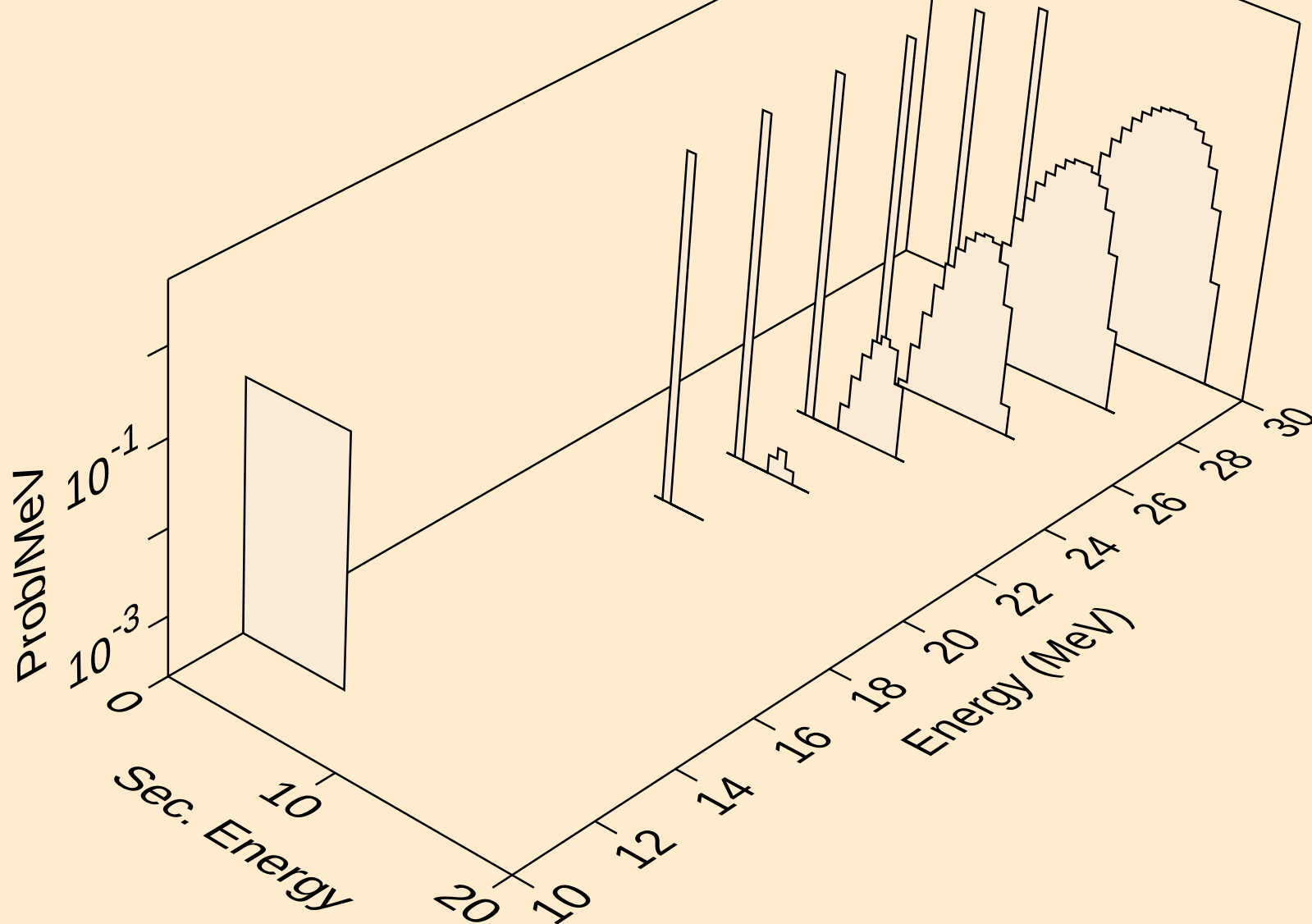
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

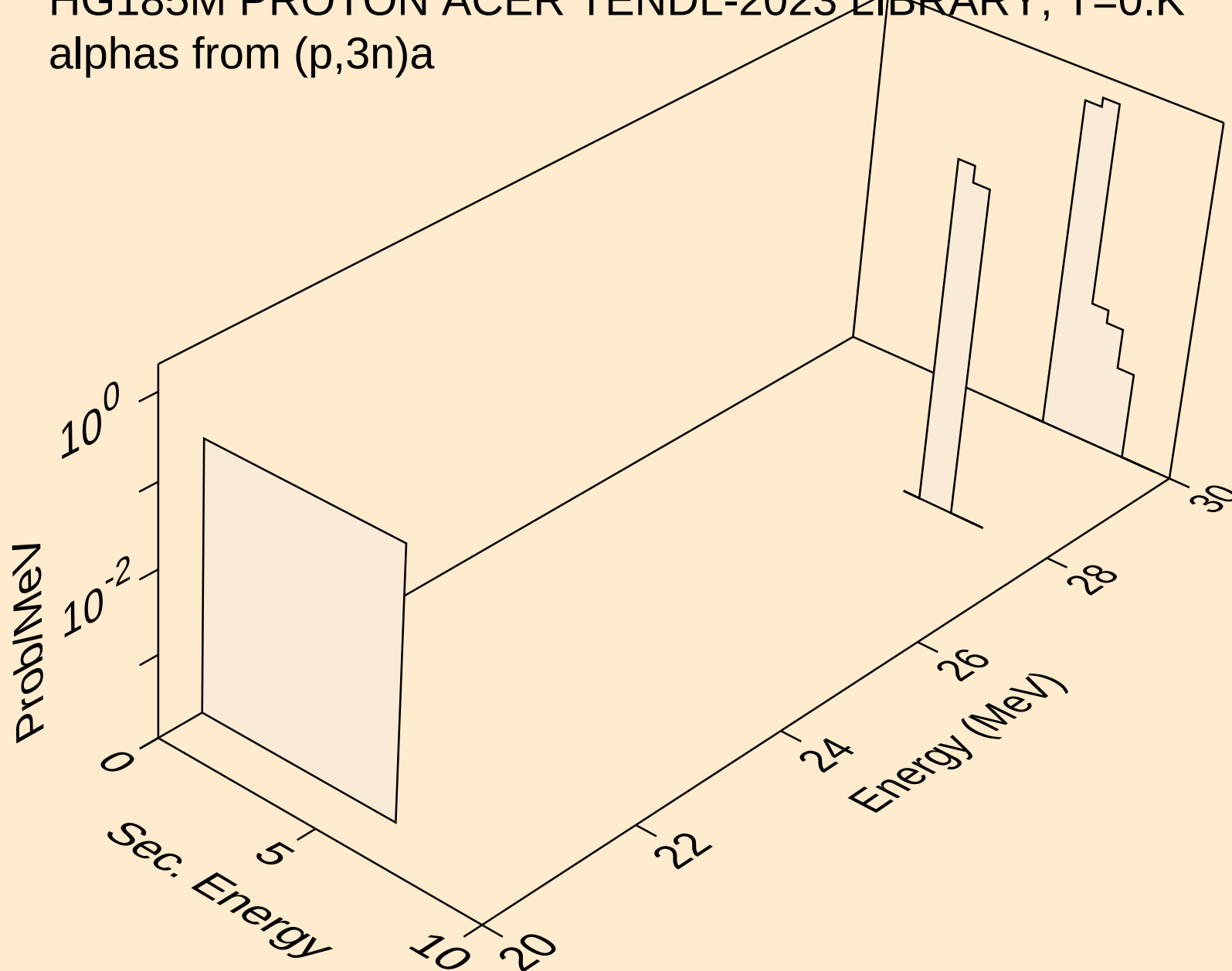


HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

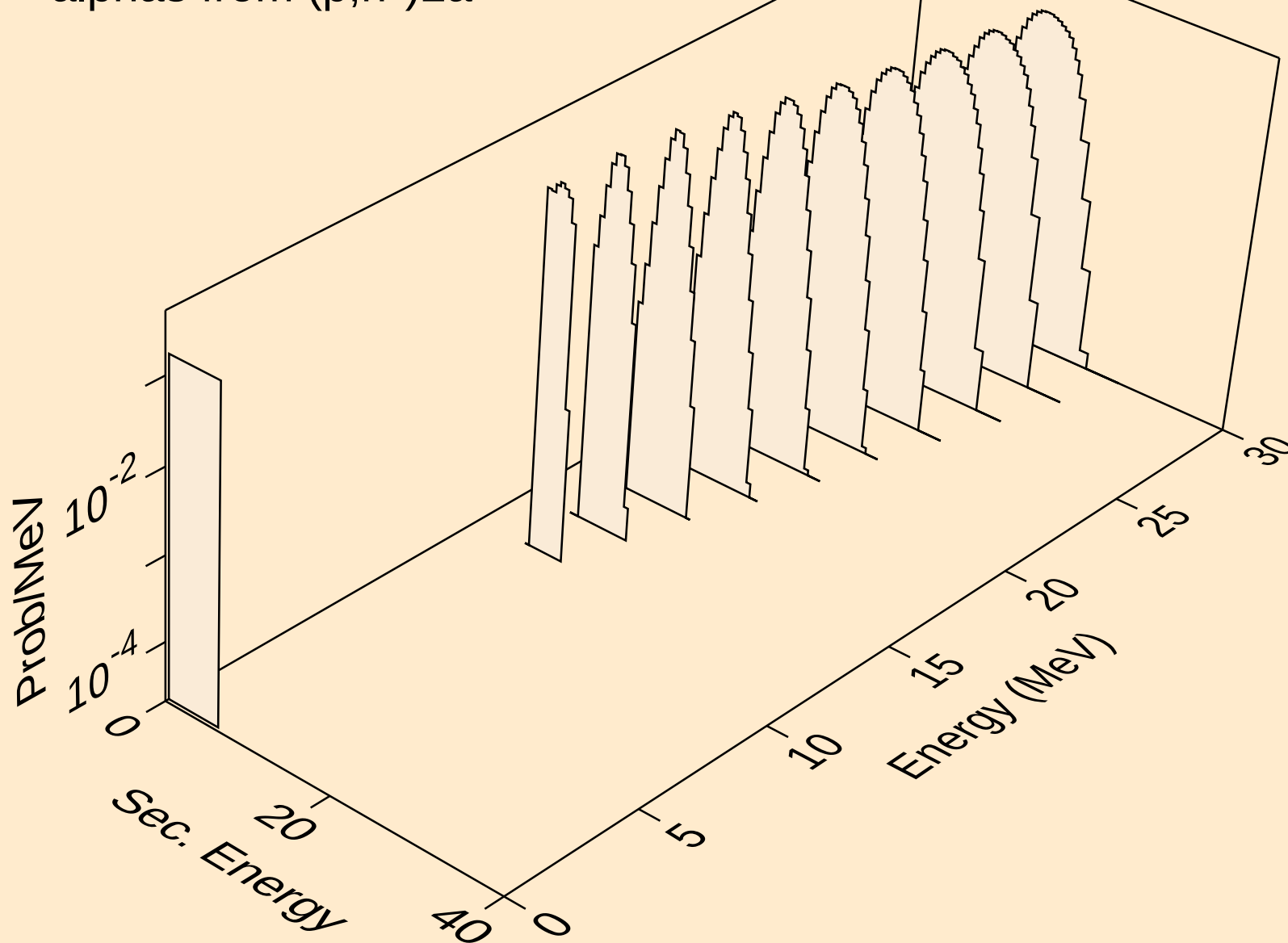




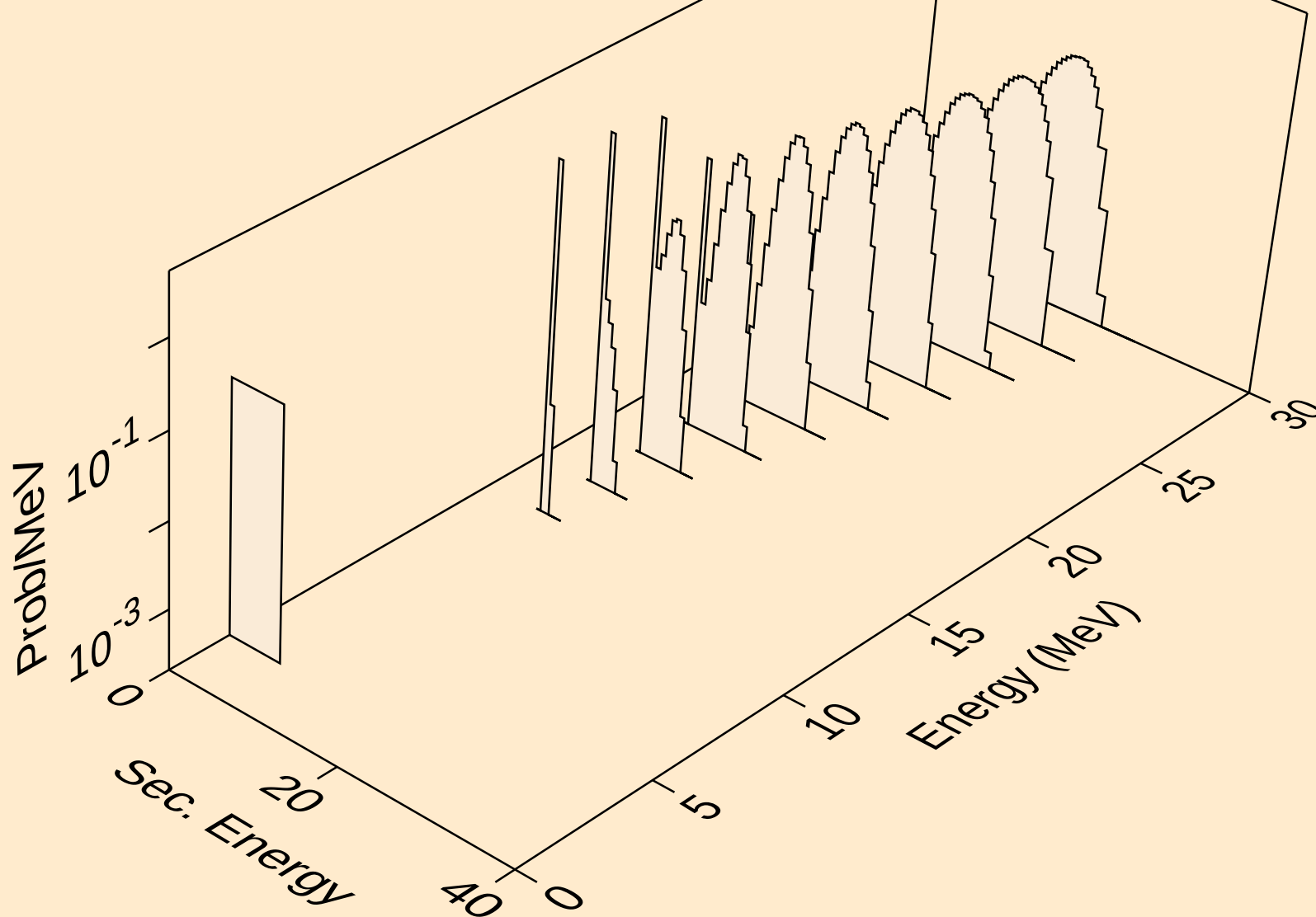
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



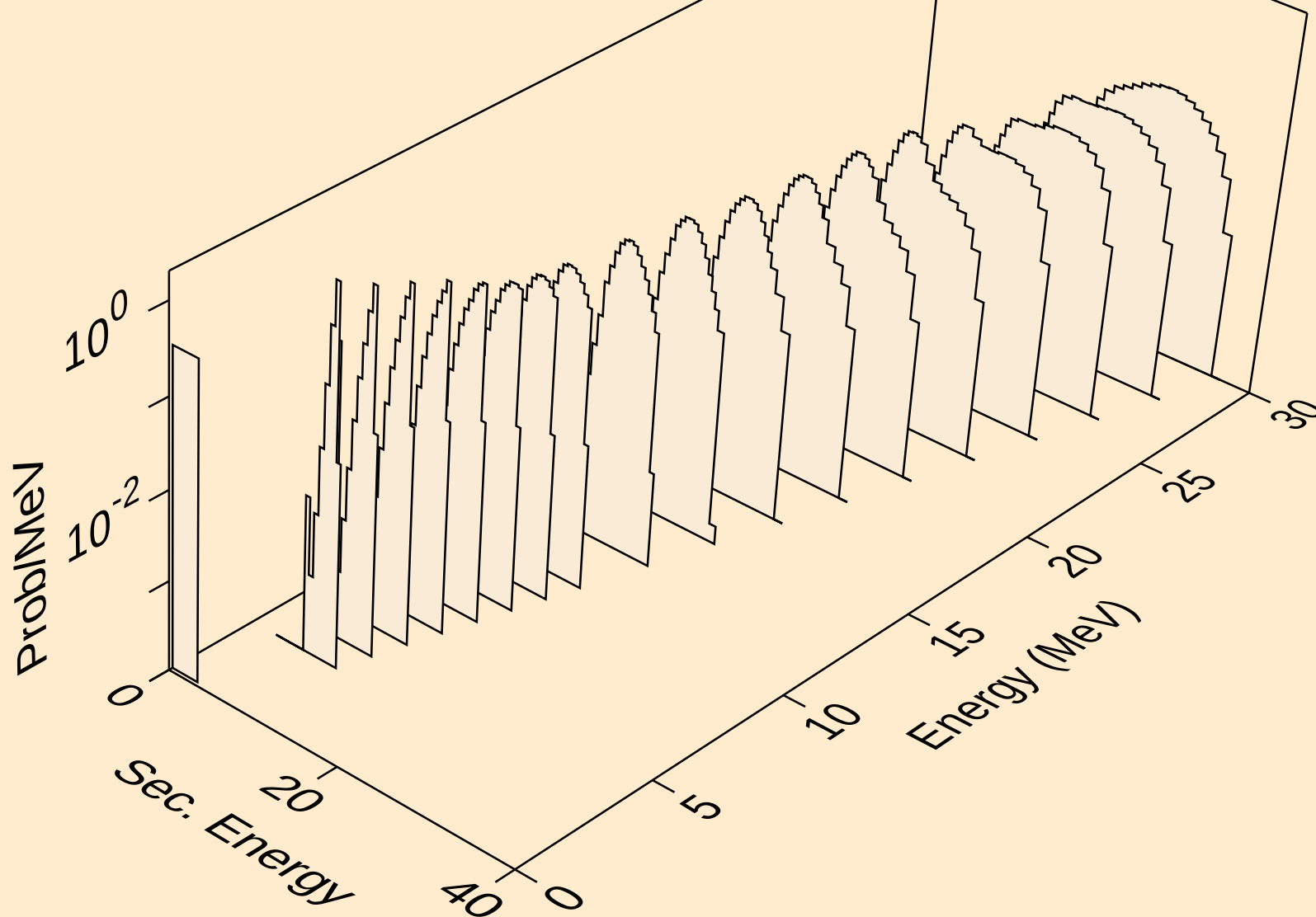
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



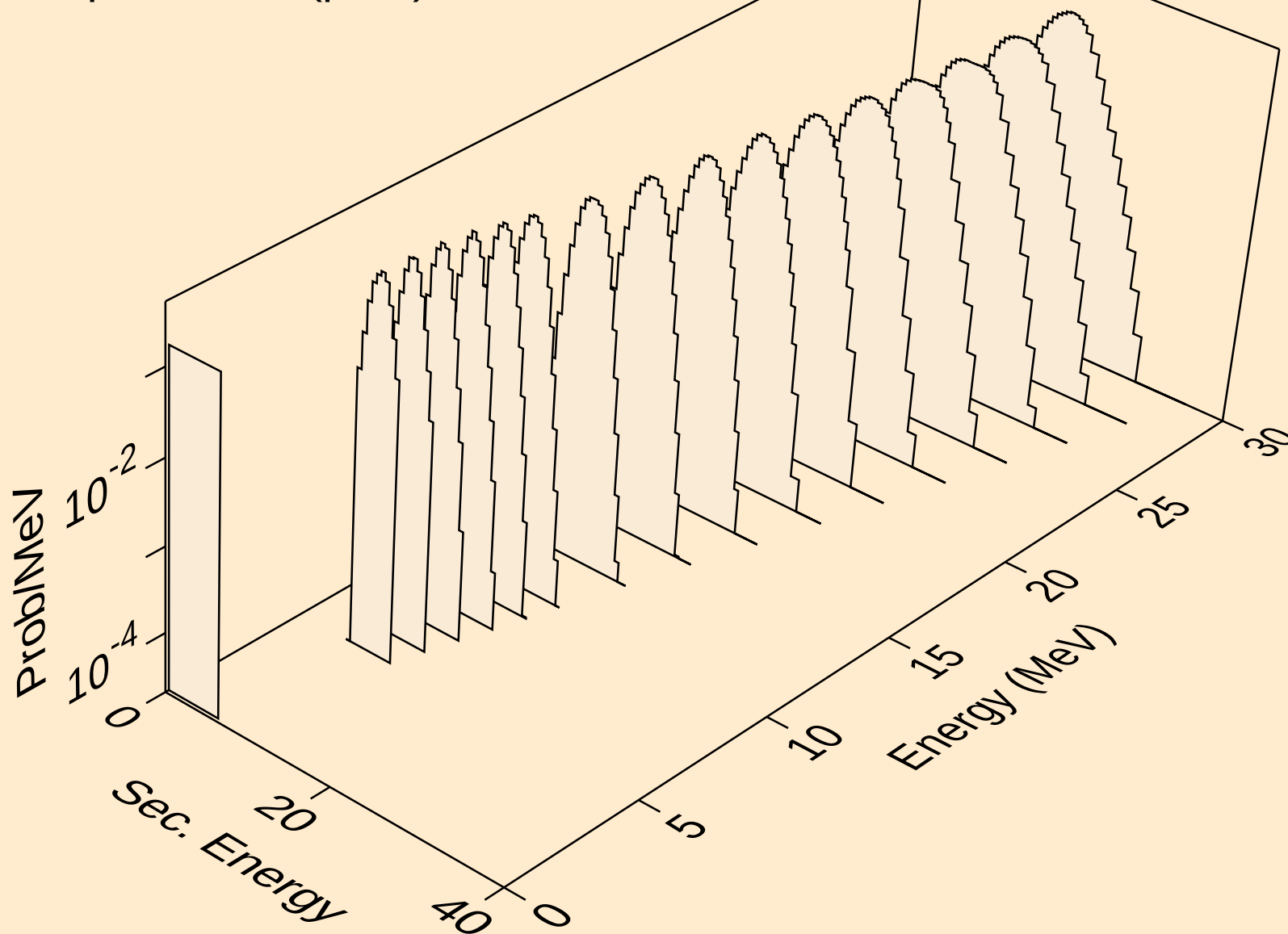
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



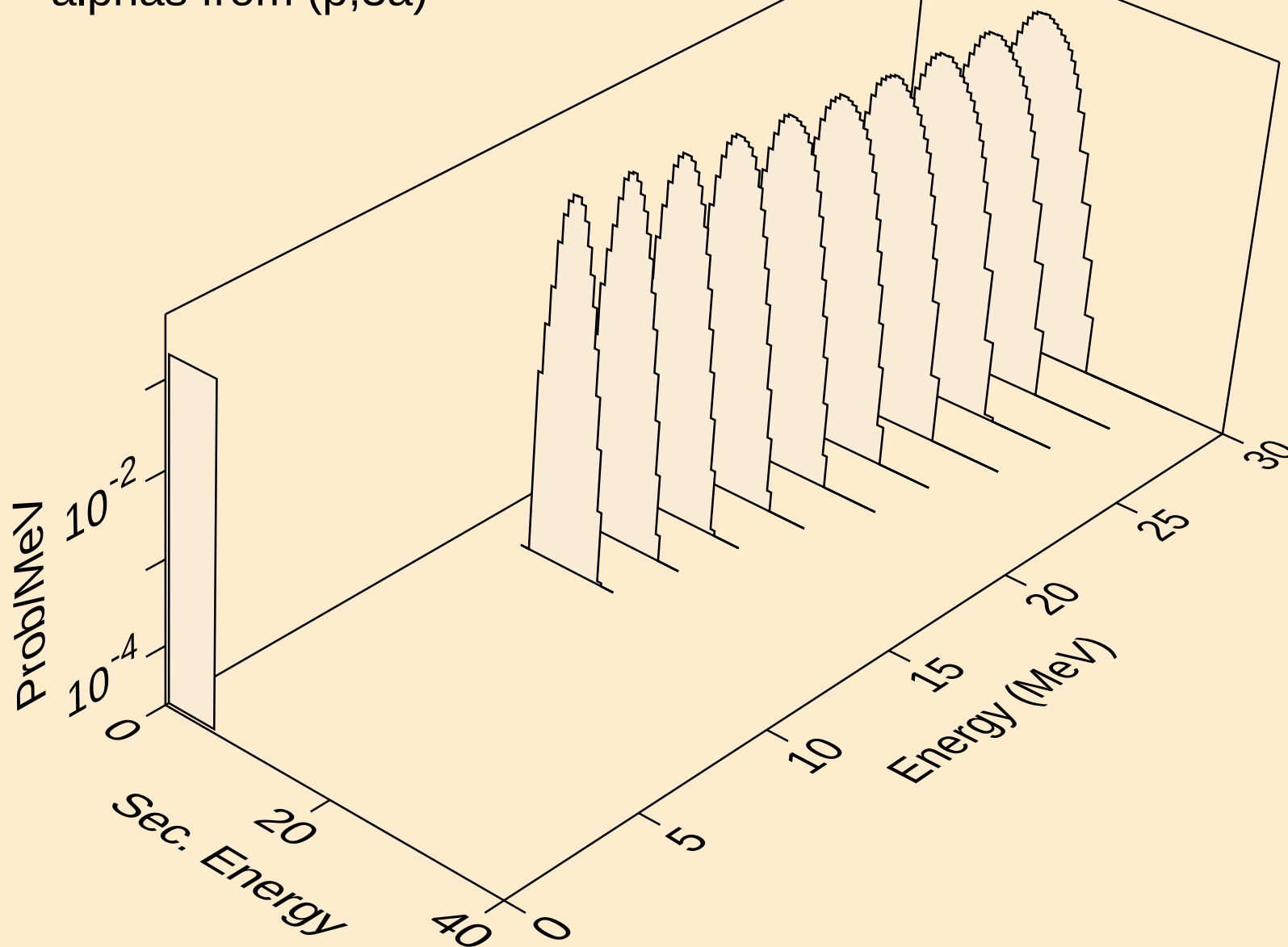
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



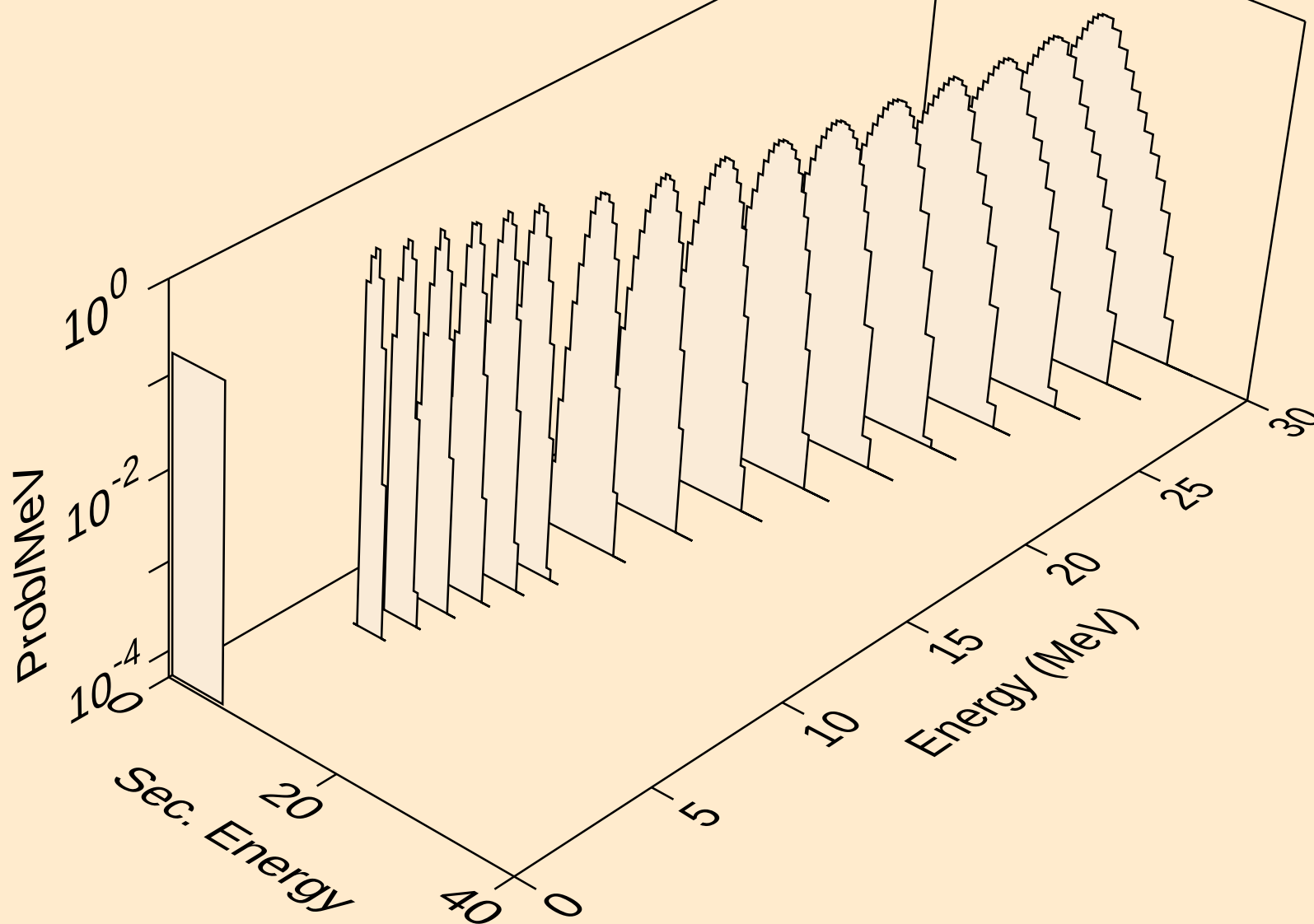
HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)



HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



HG185M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

