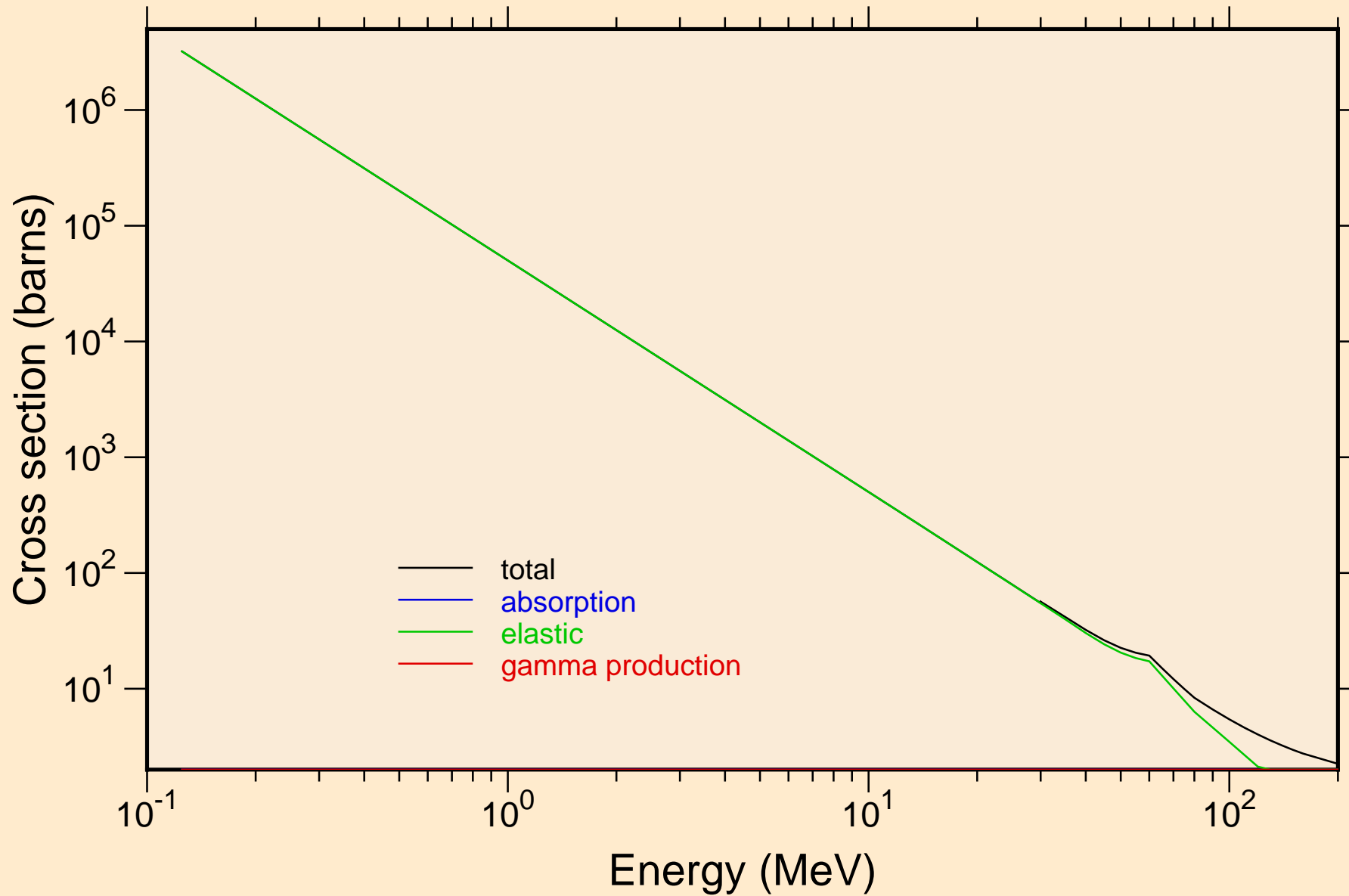
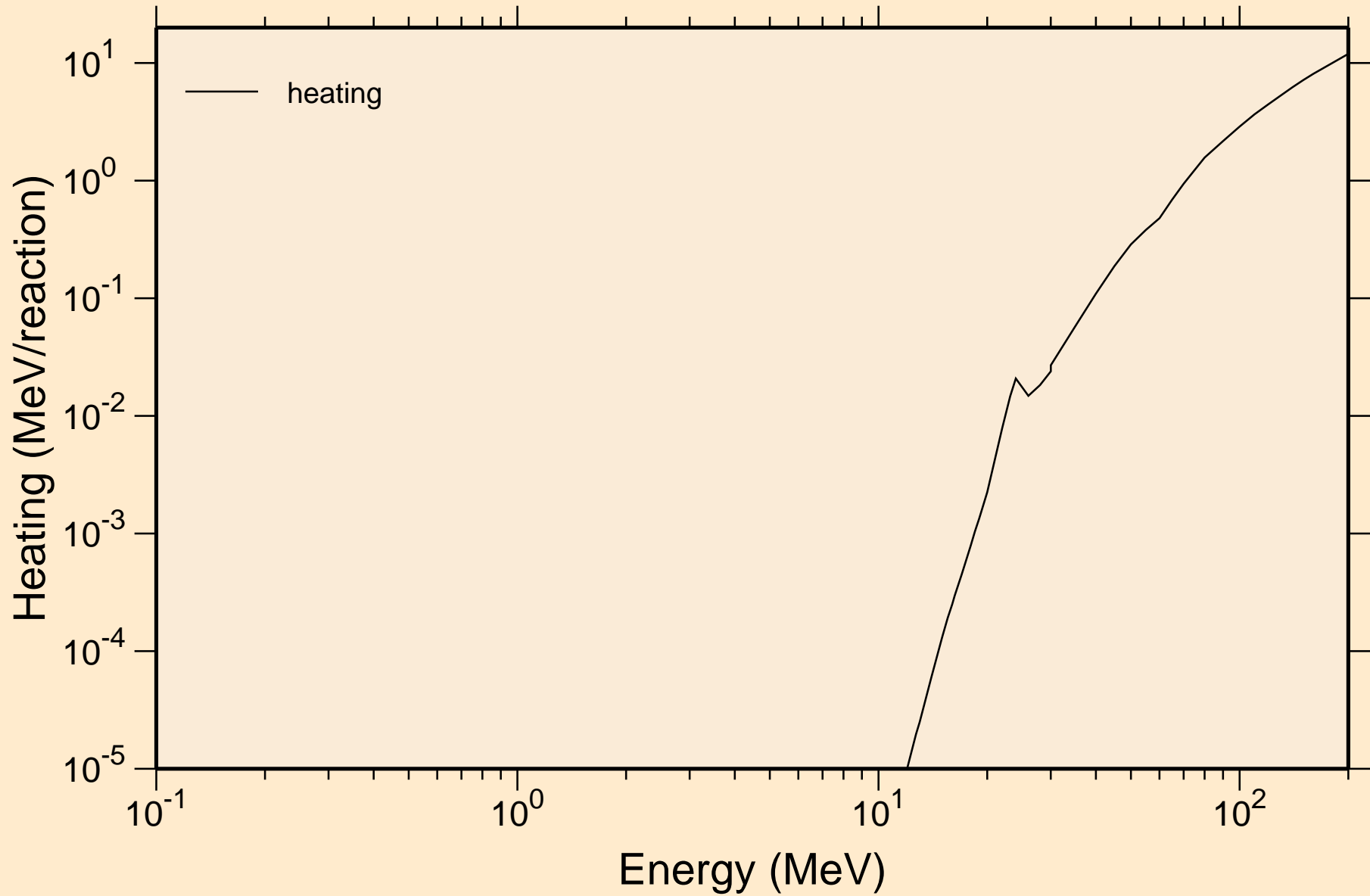


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



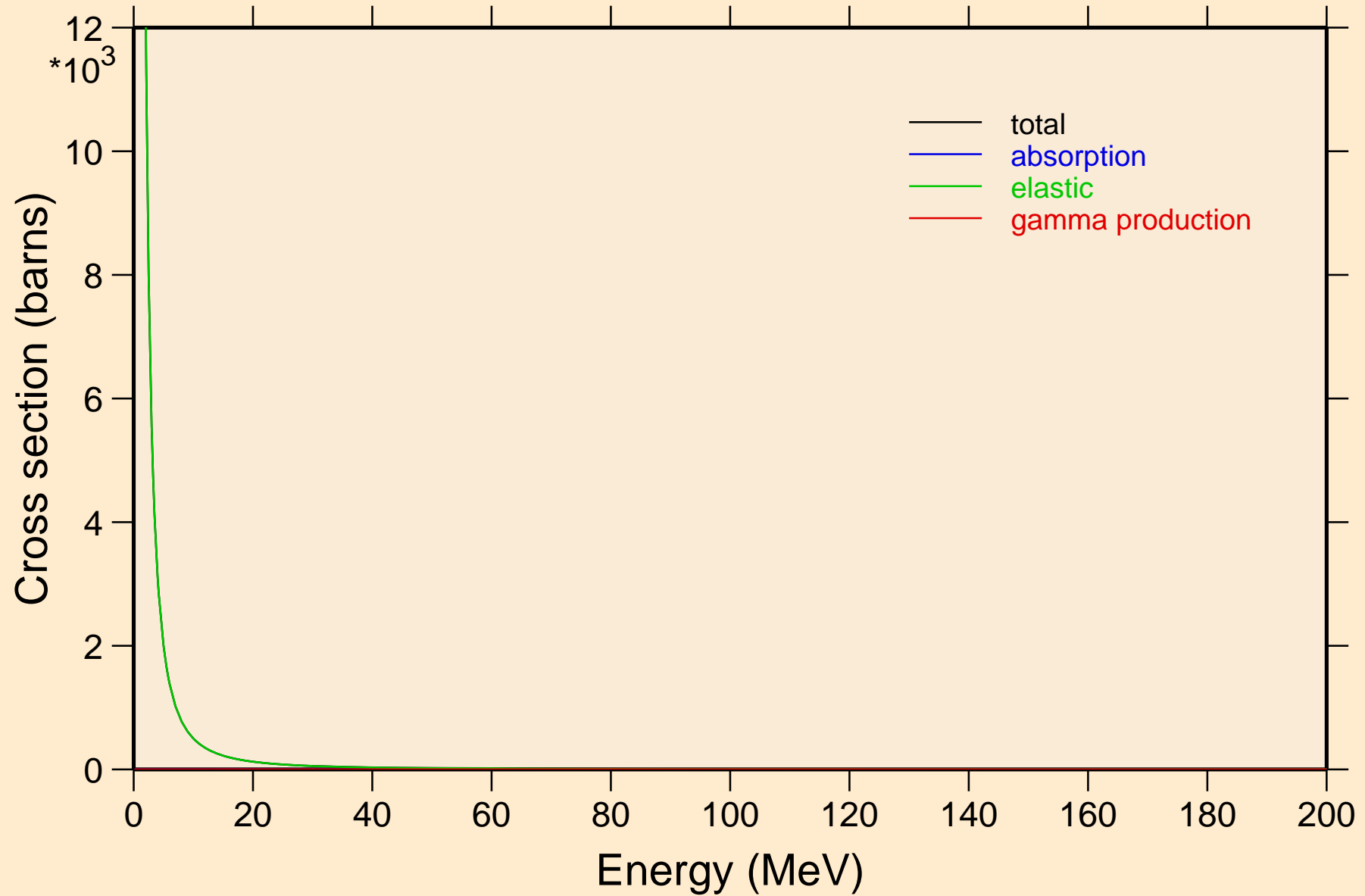
# TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



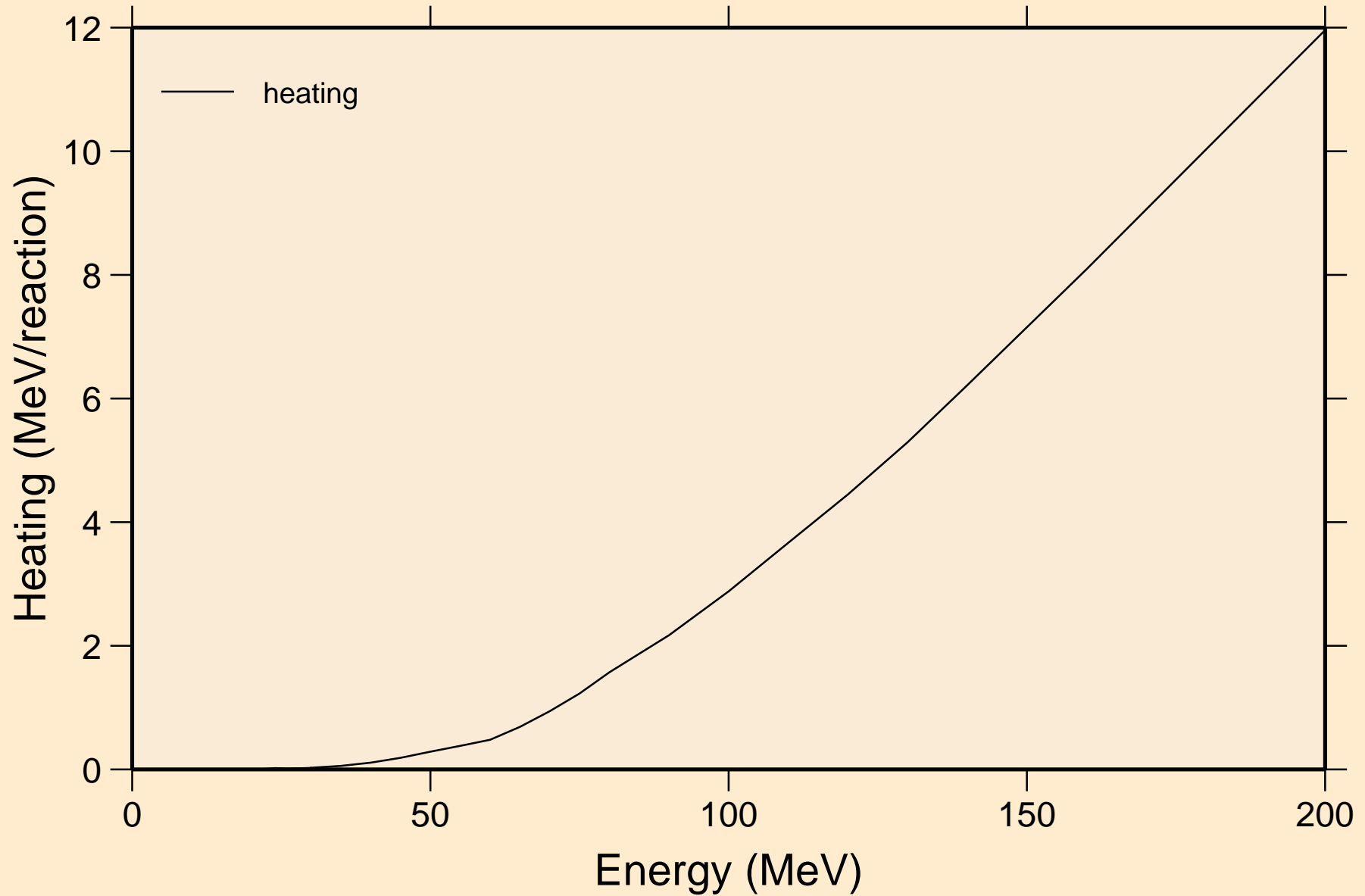
# TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

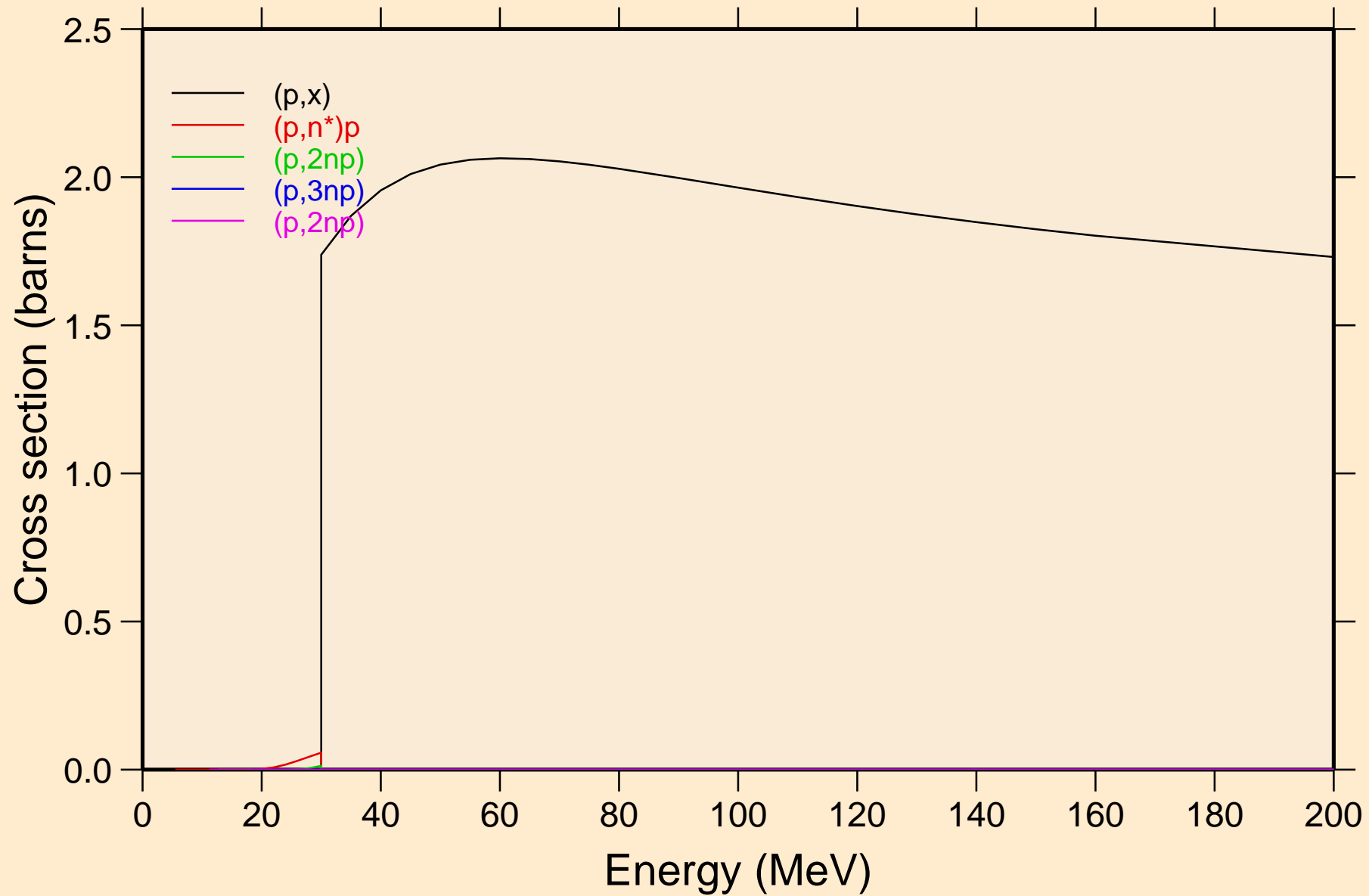


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K

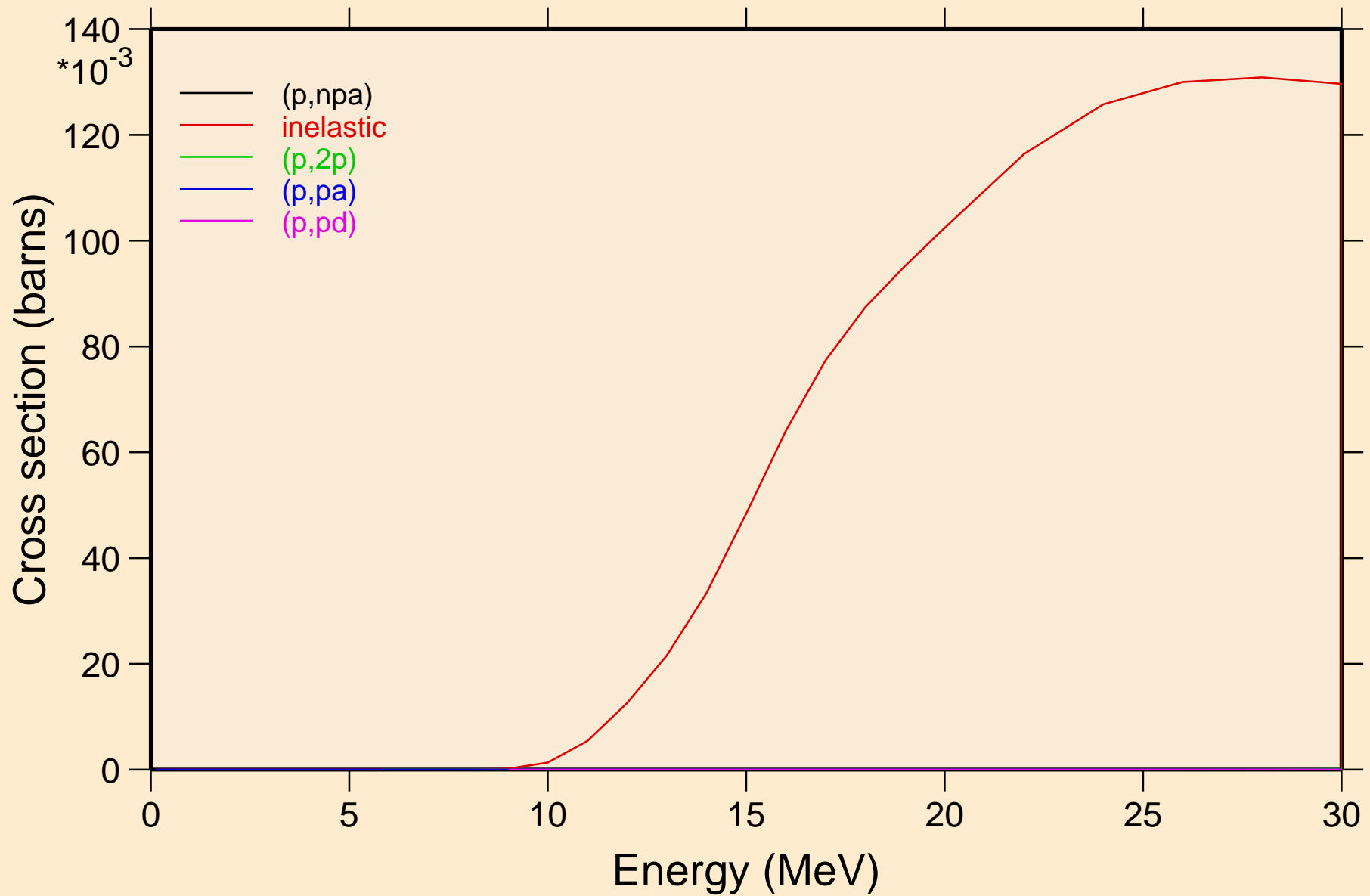
Heating



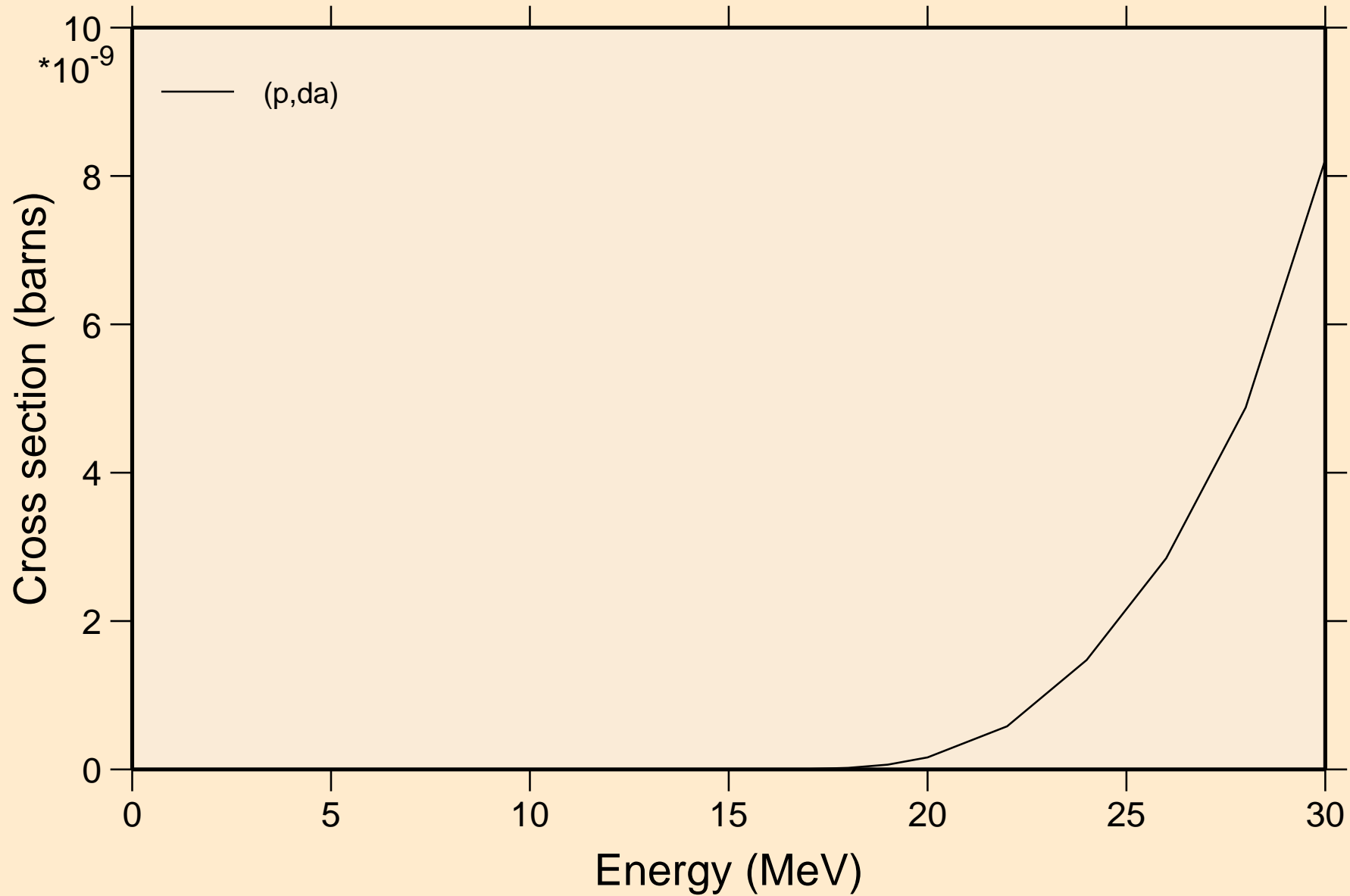
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



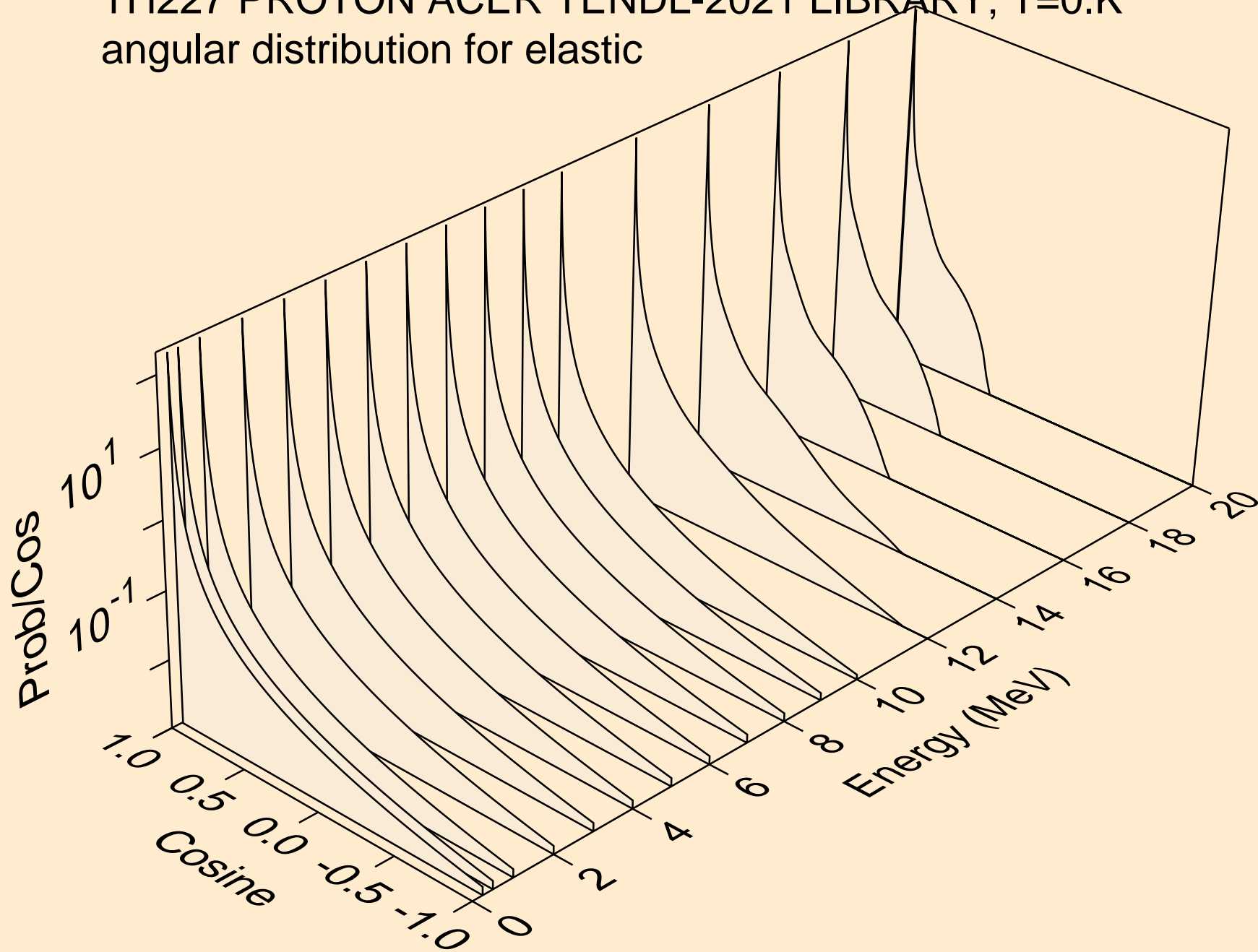
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

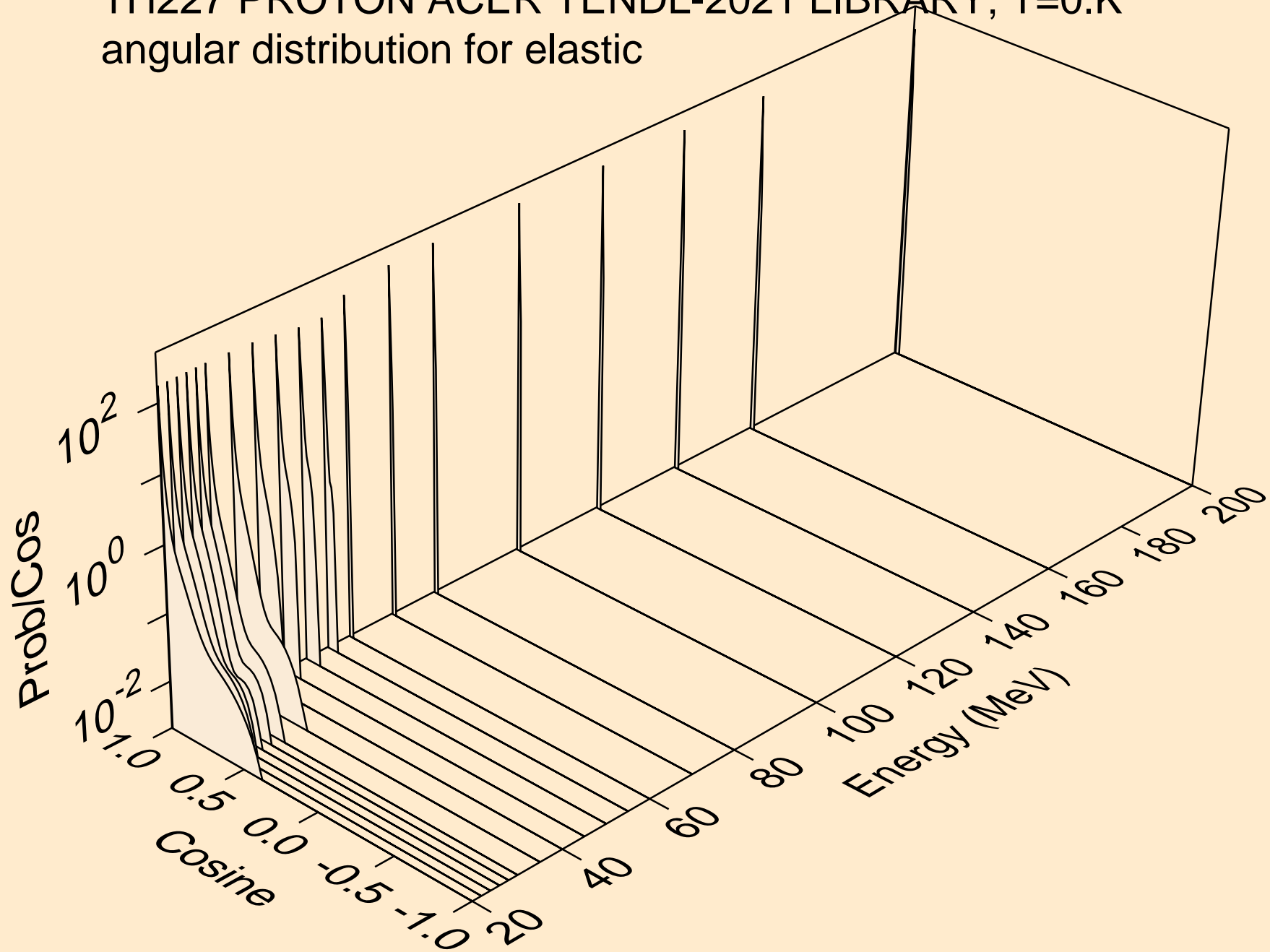


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

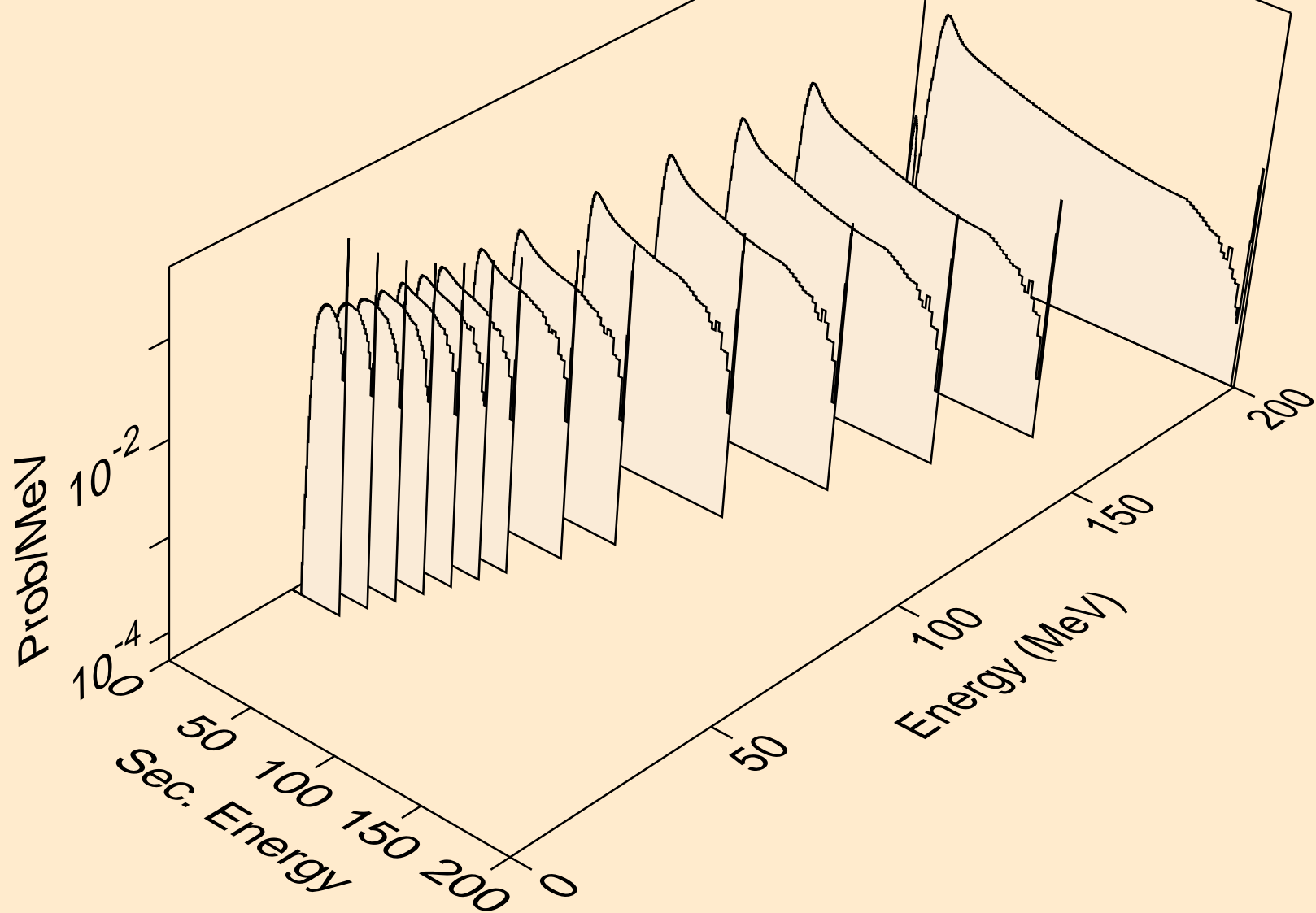




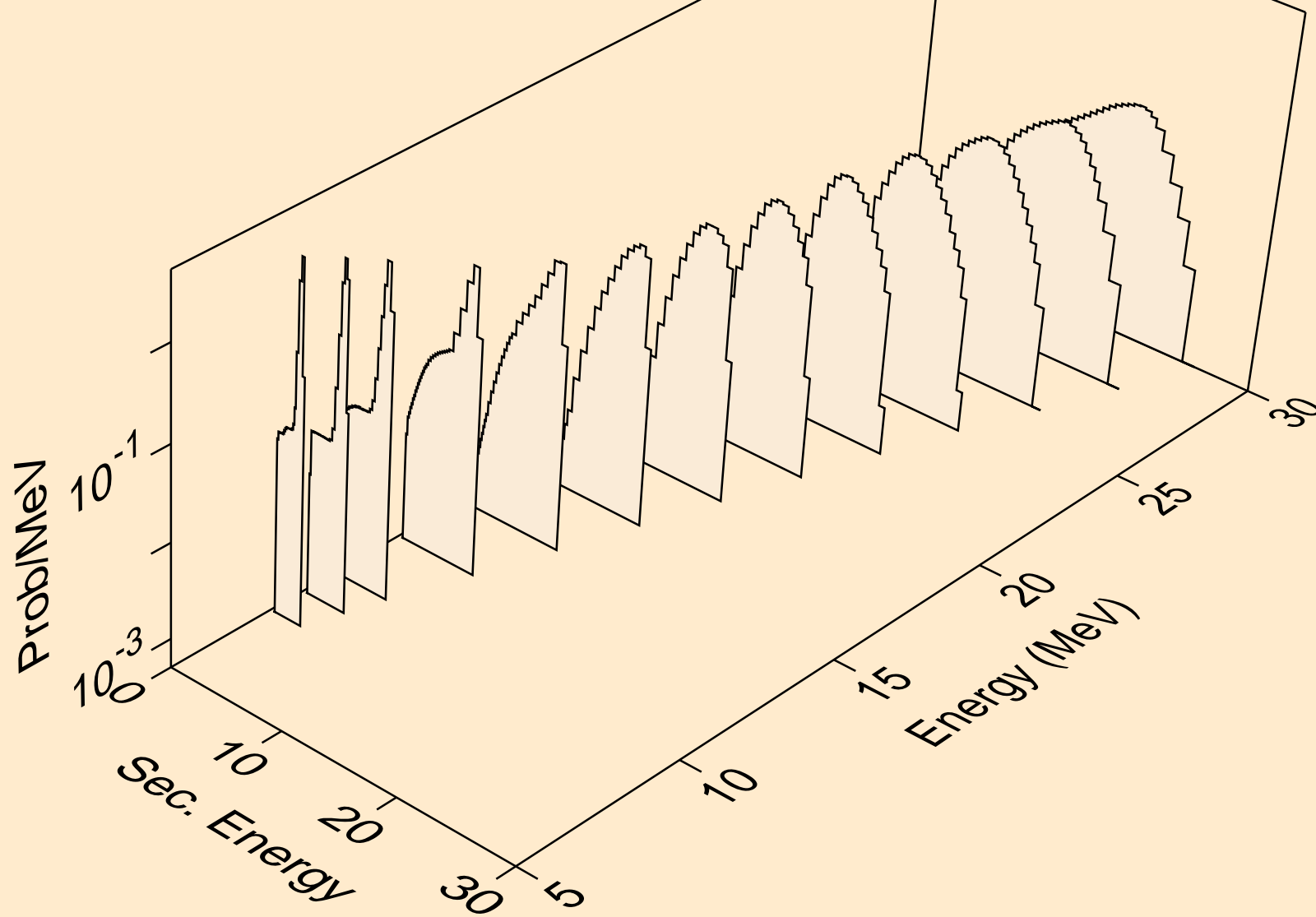
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



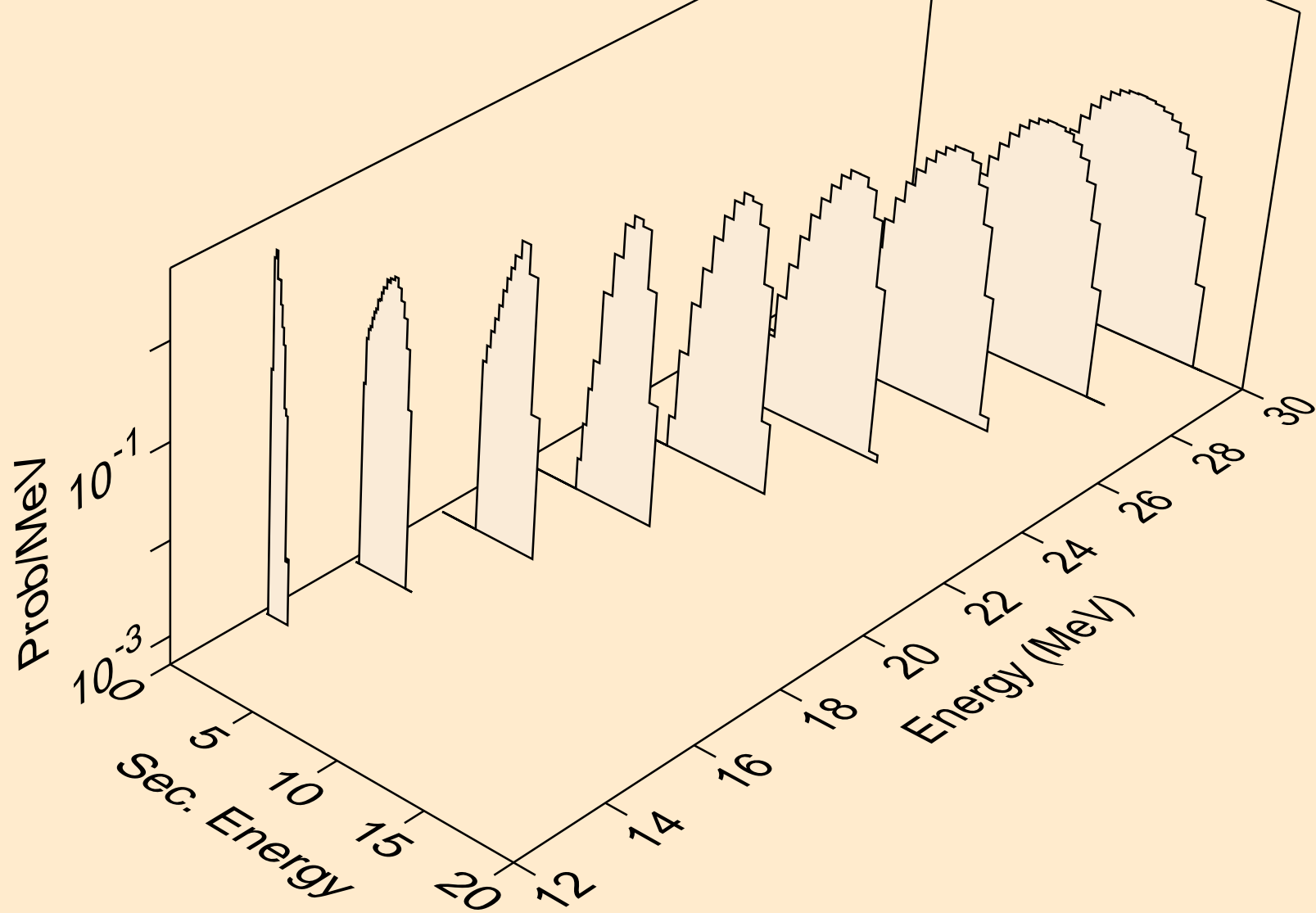
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



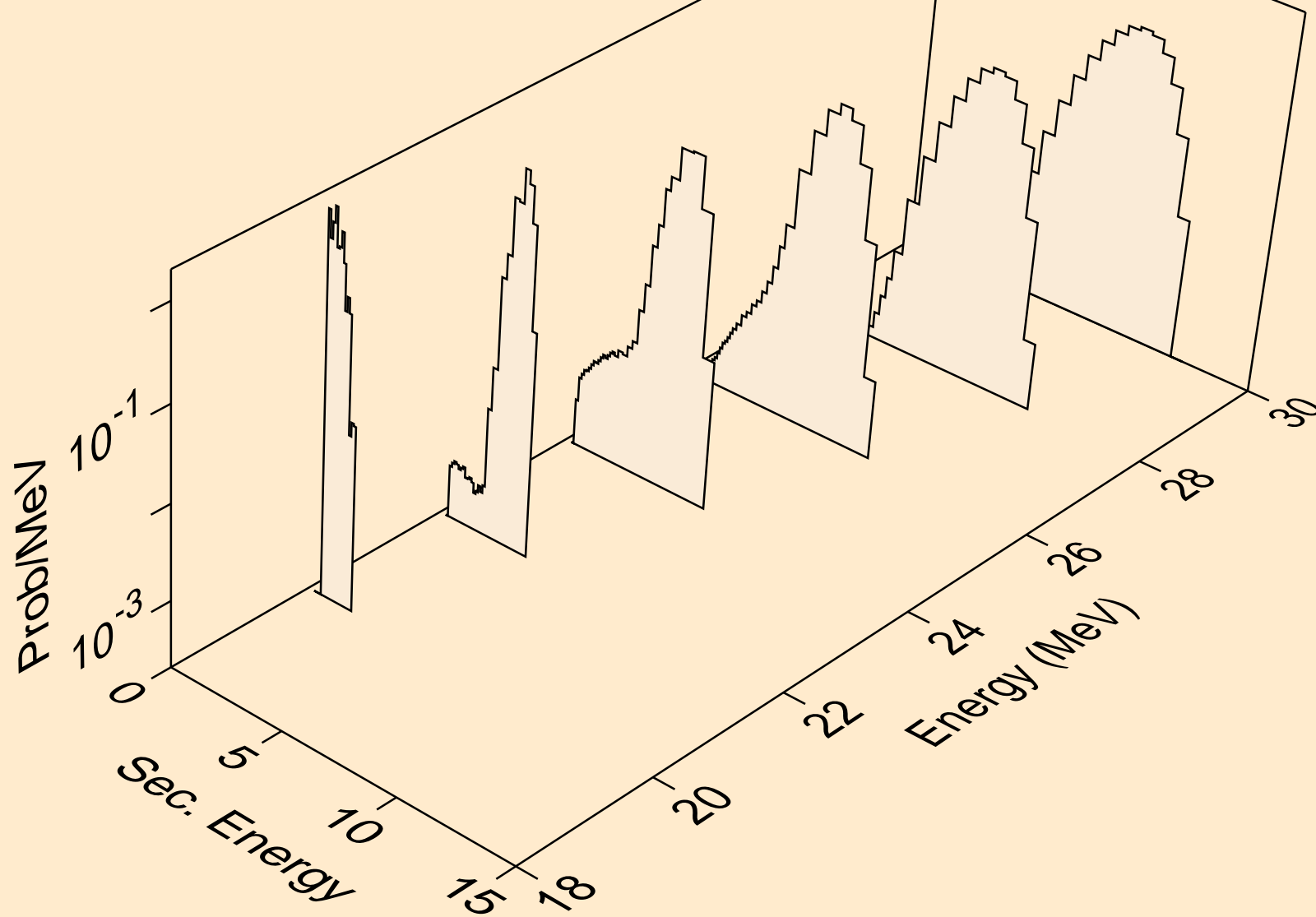
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



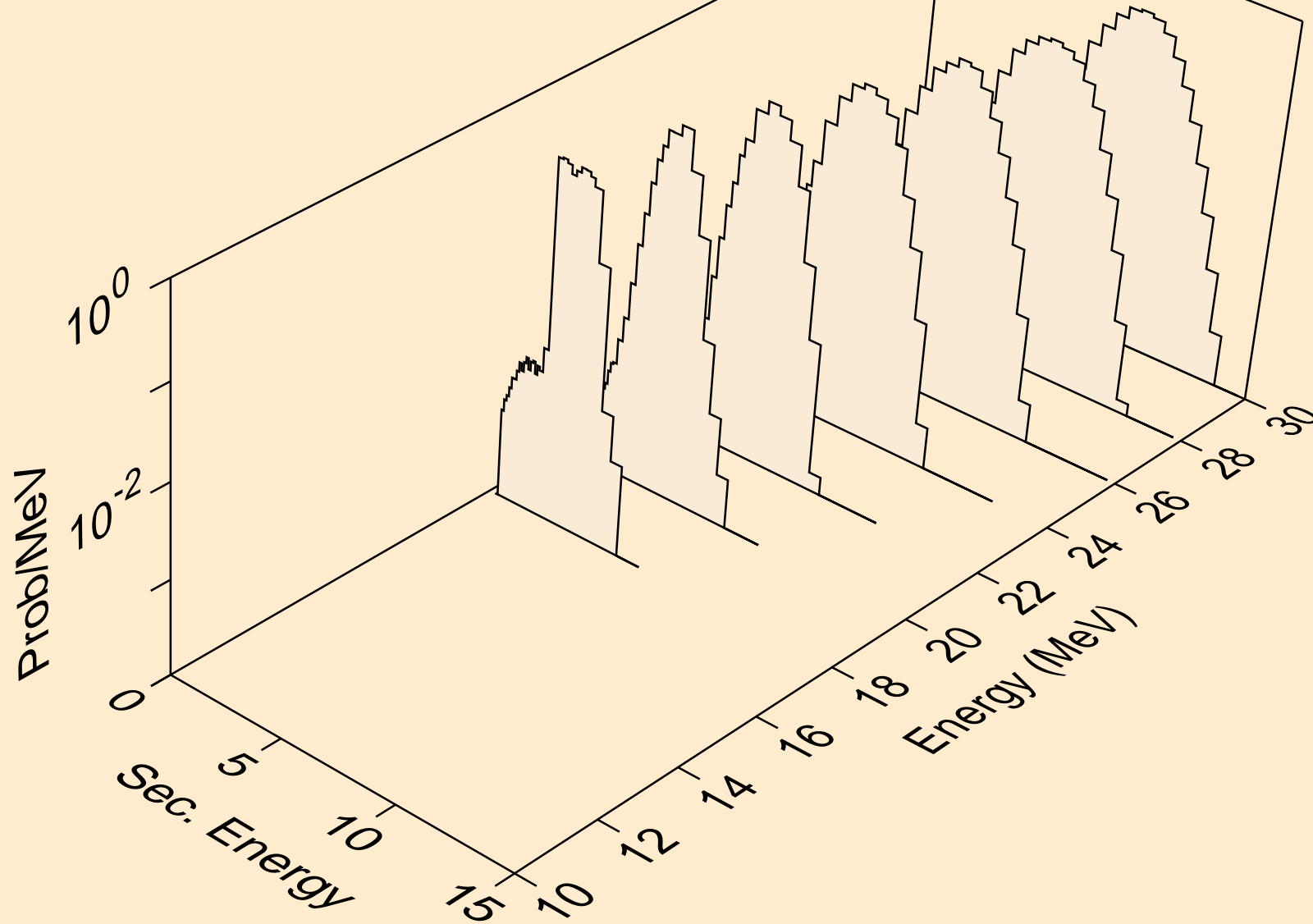
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



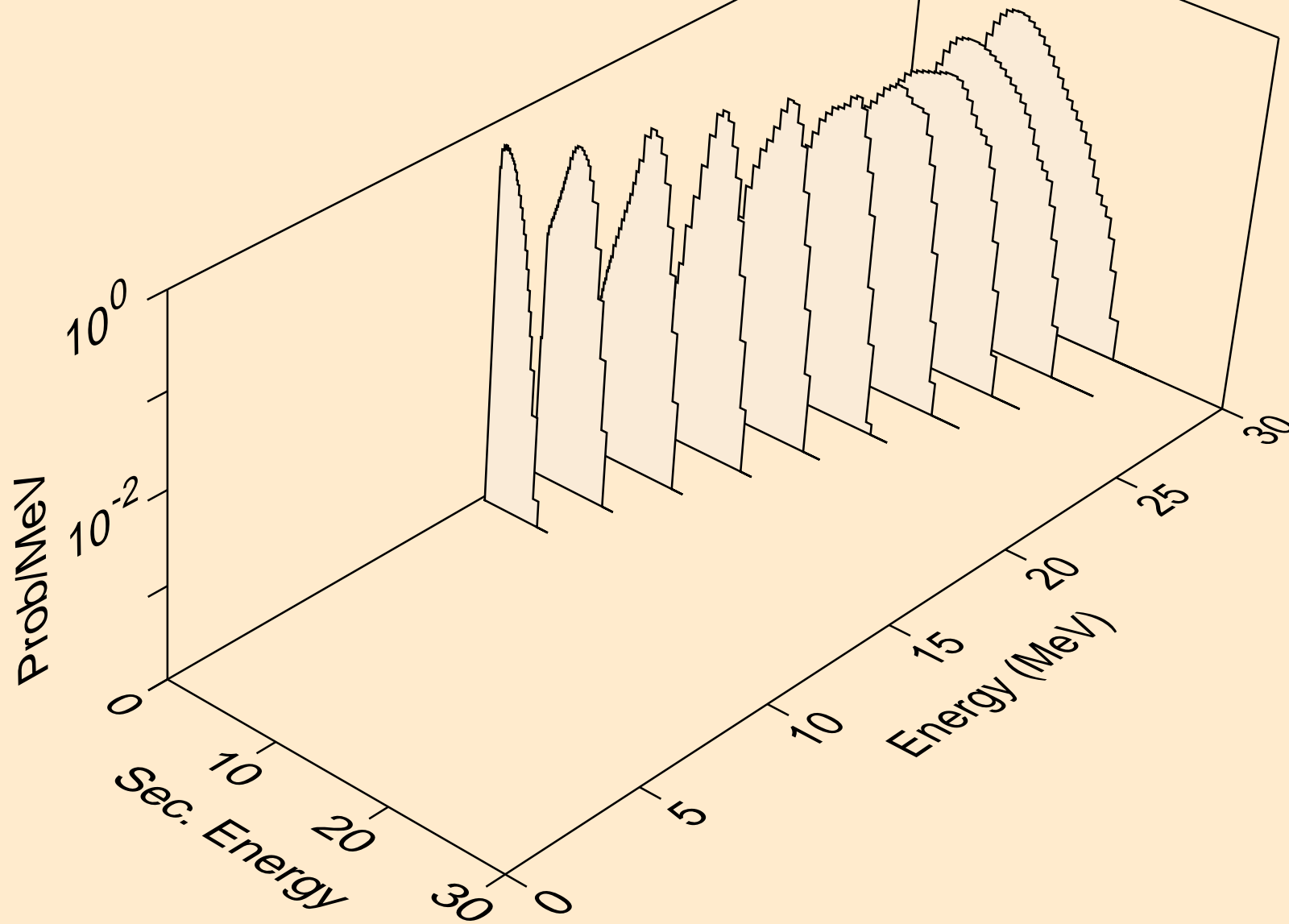
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



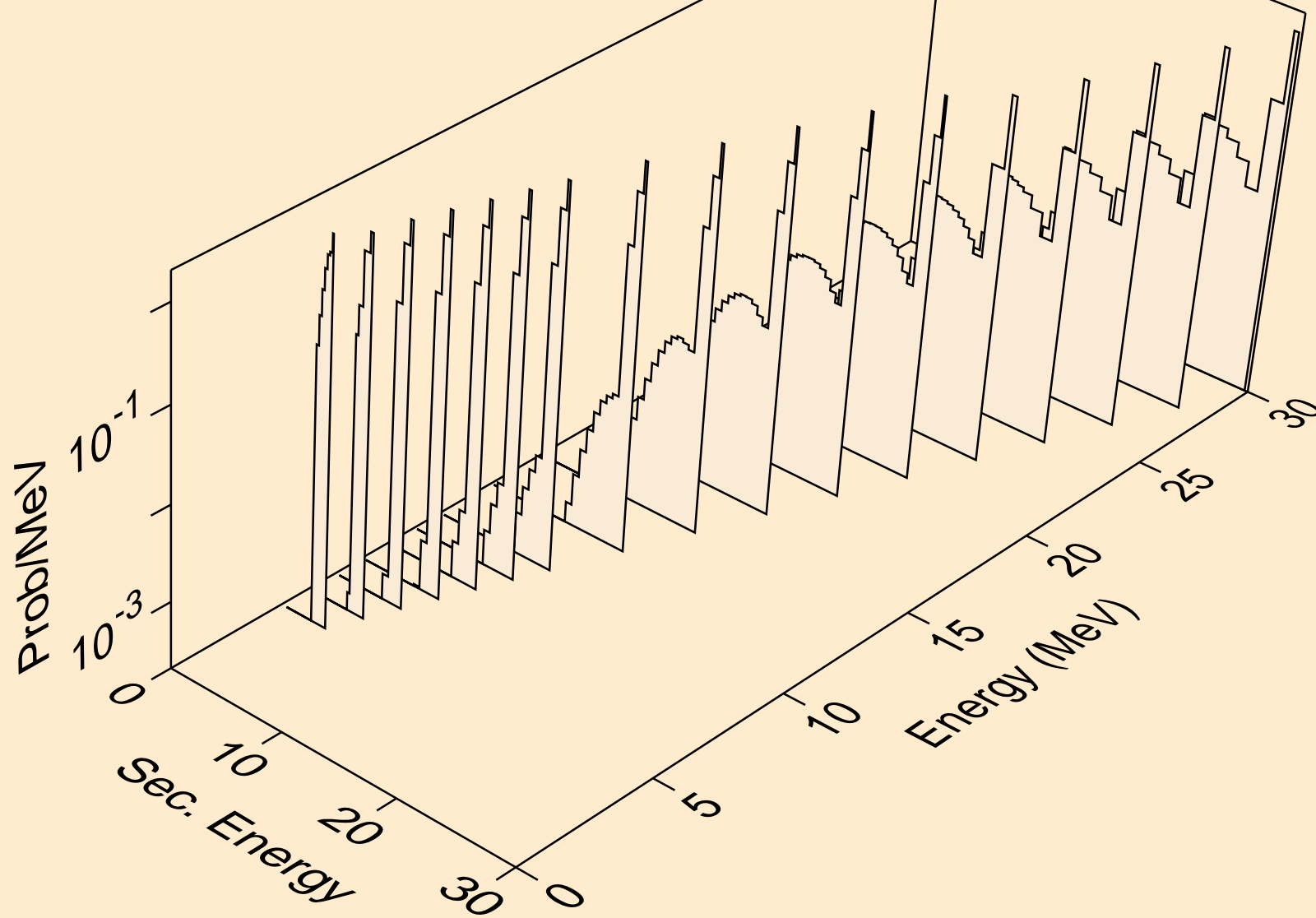
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

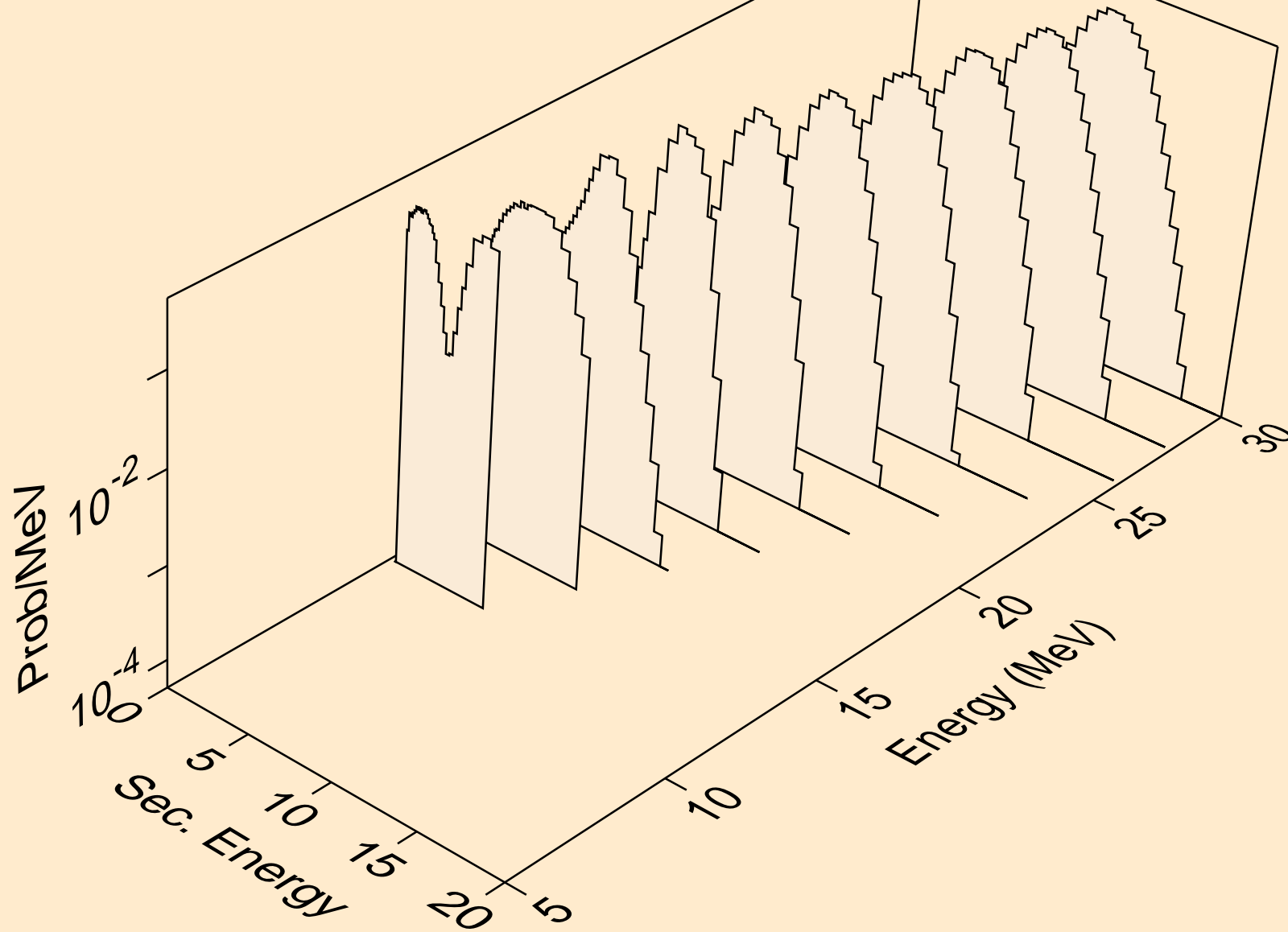


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

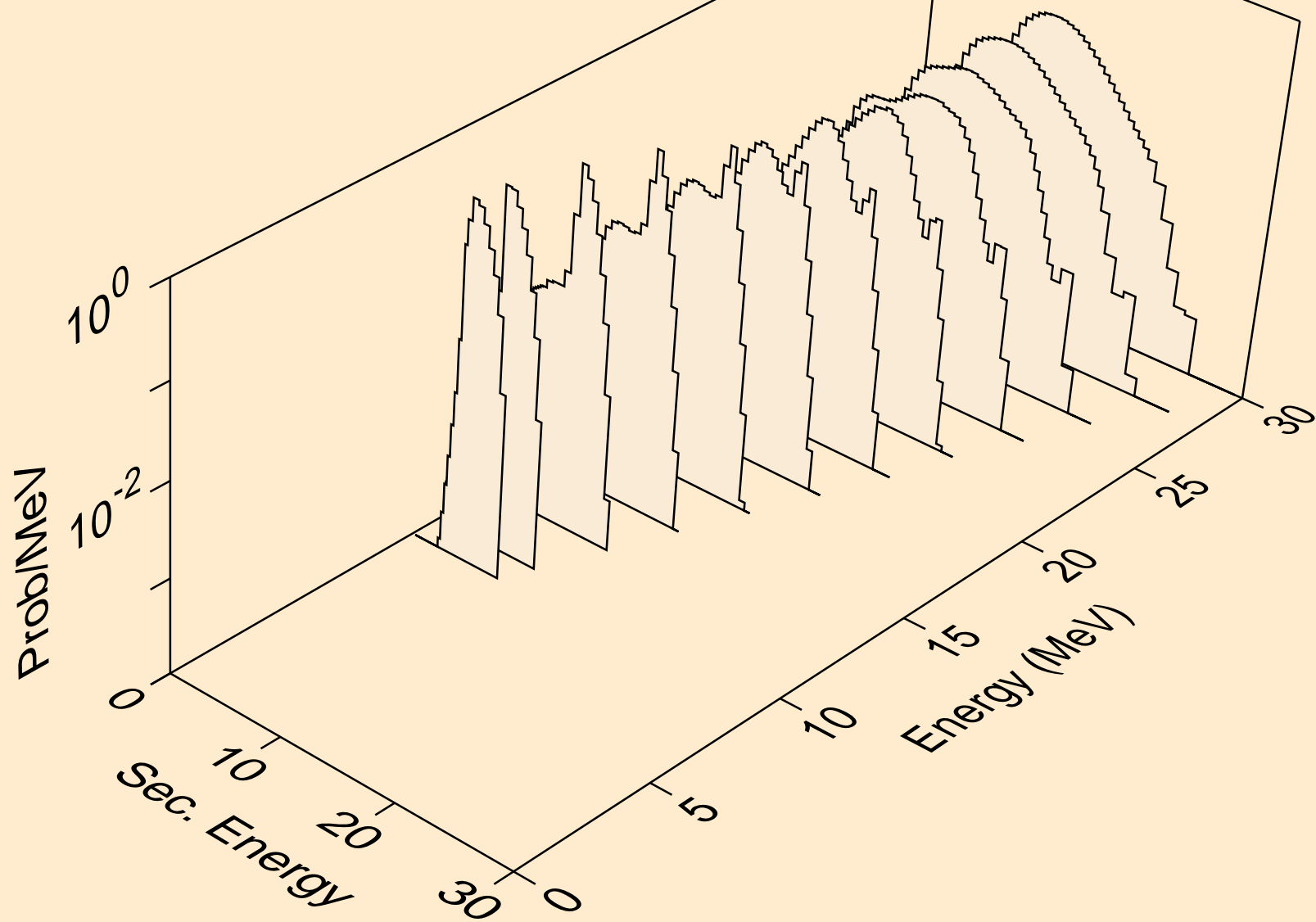




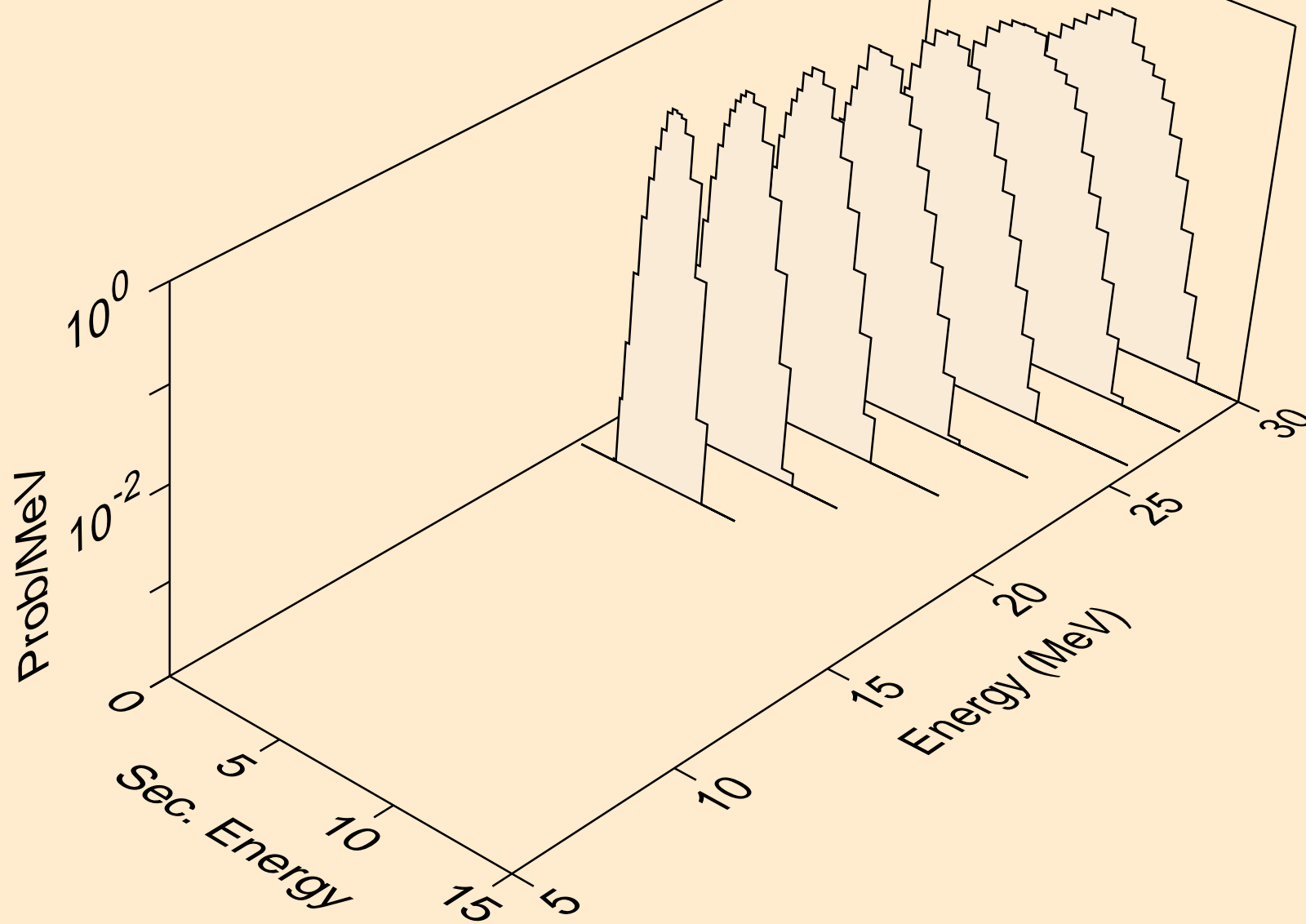
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



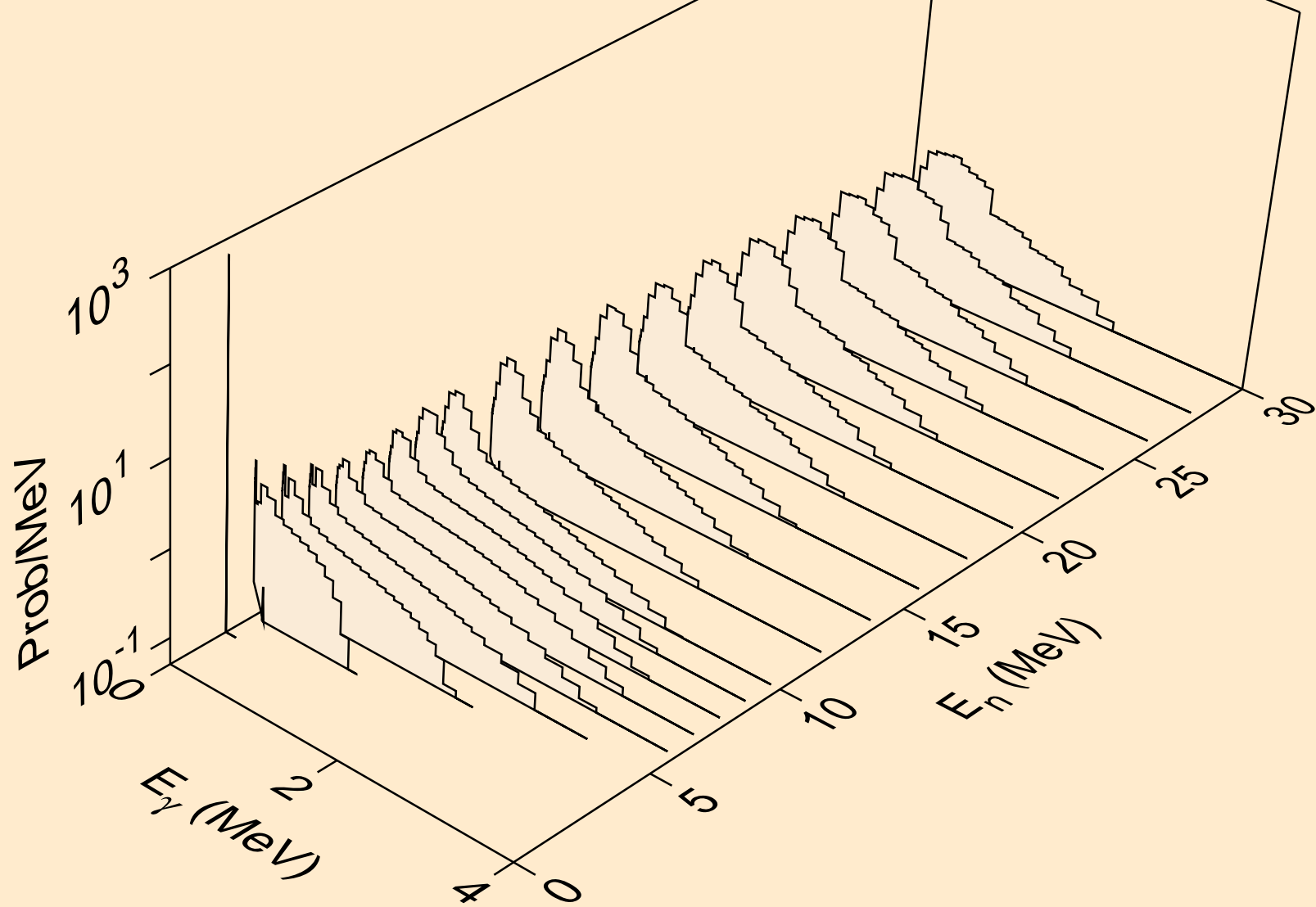
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



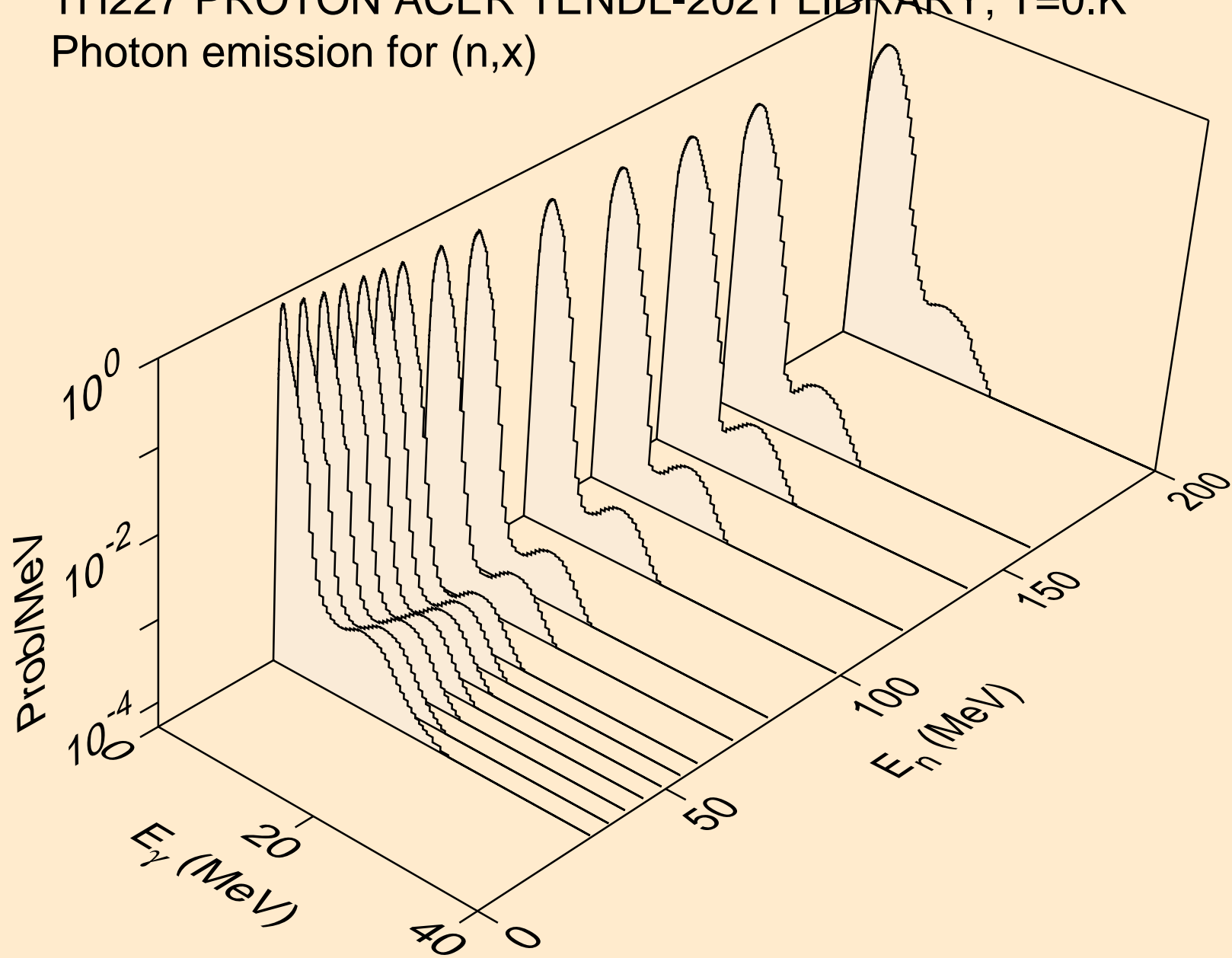
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



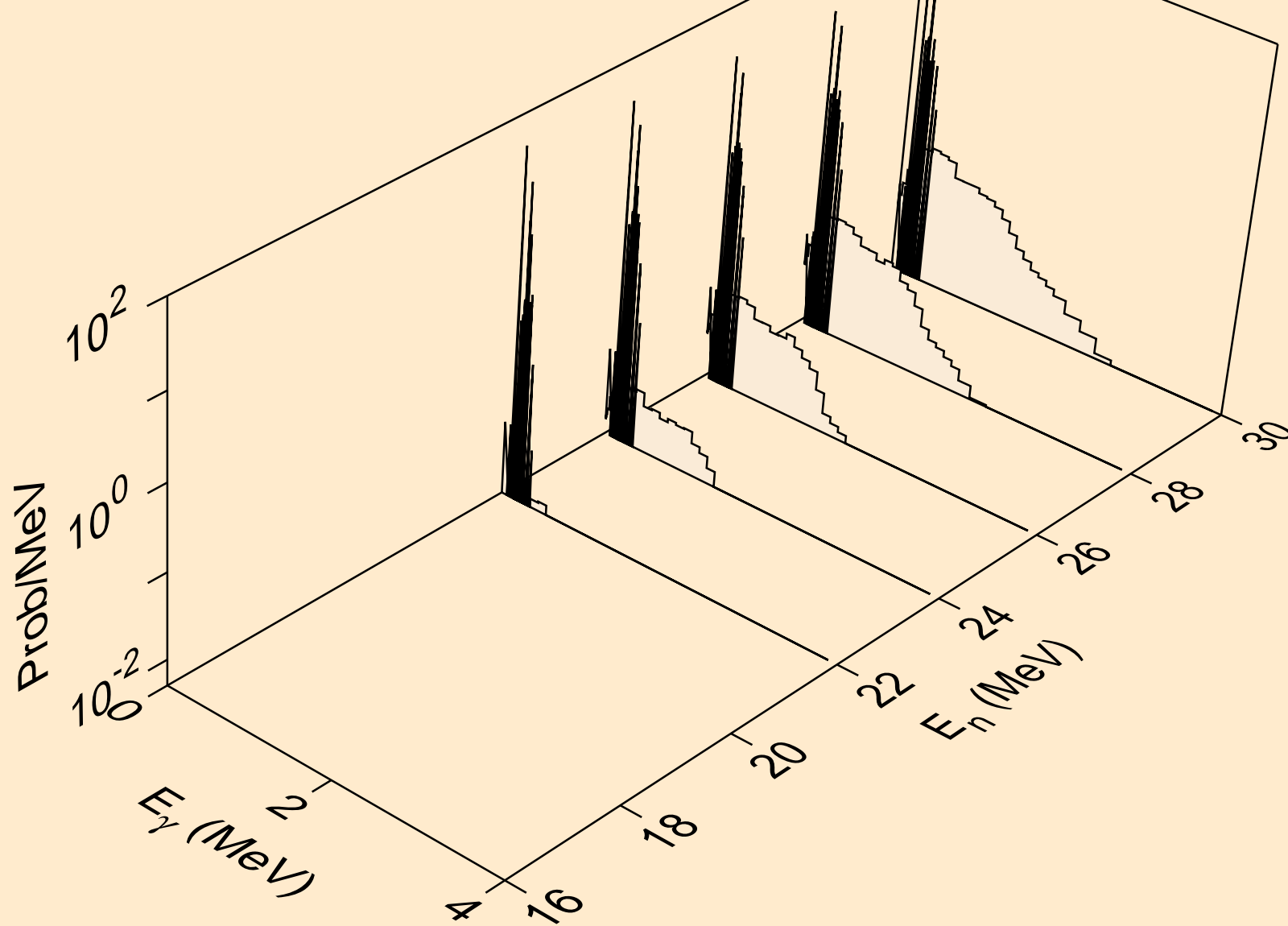
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



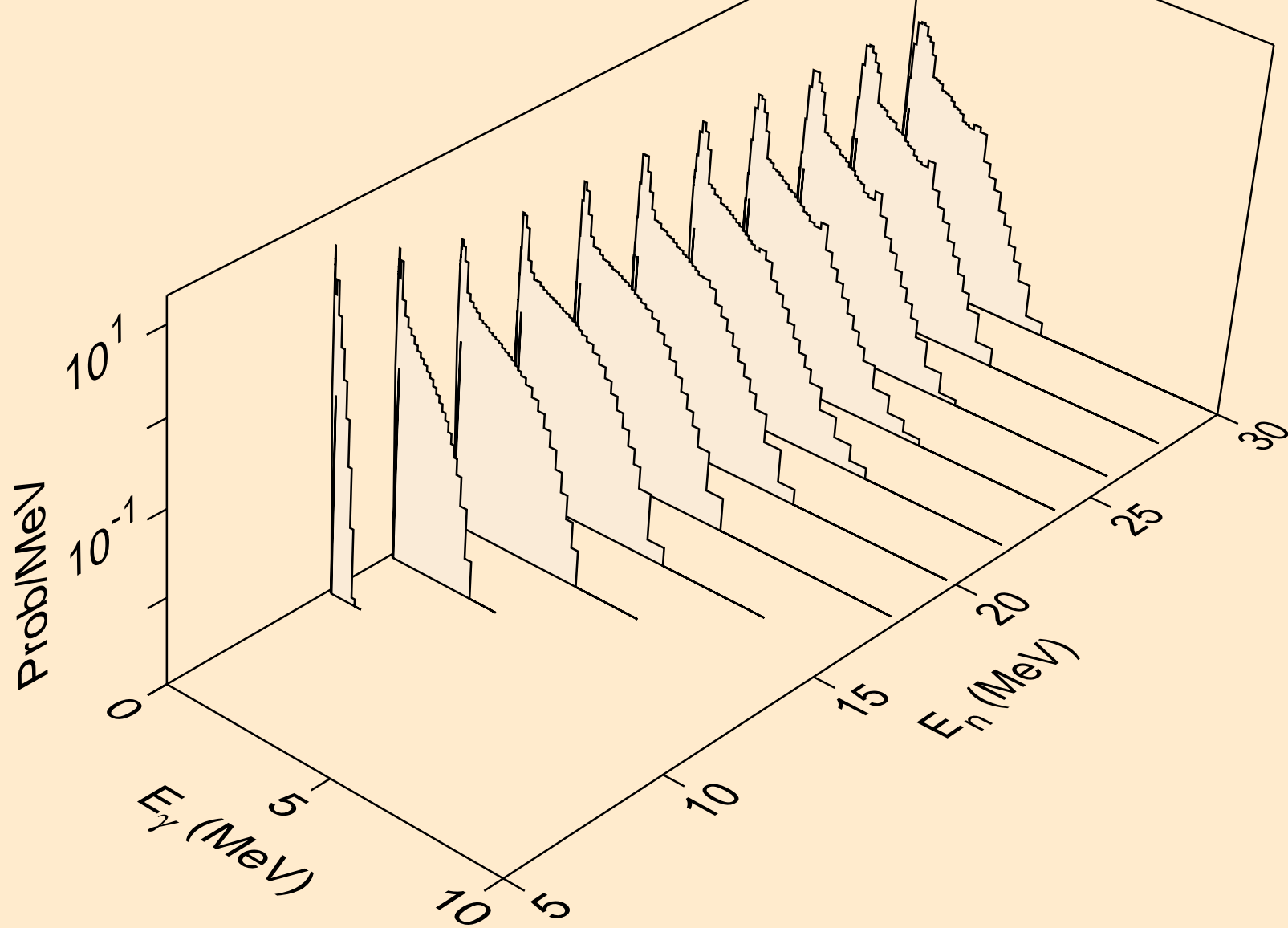
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



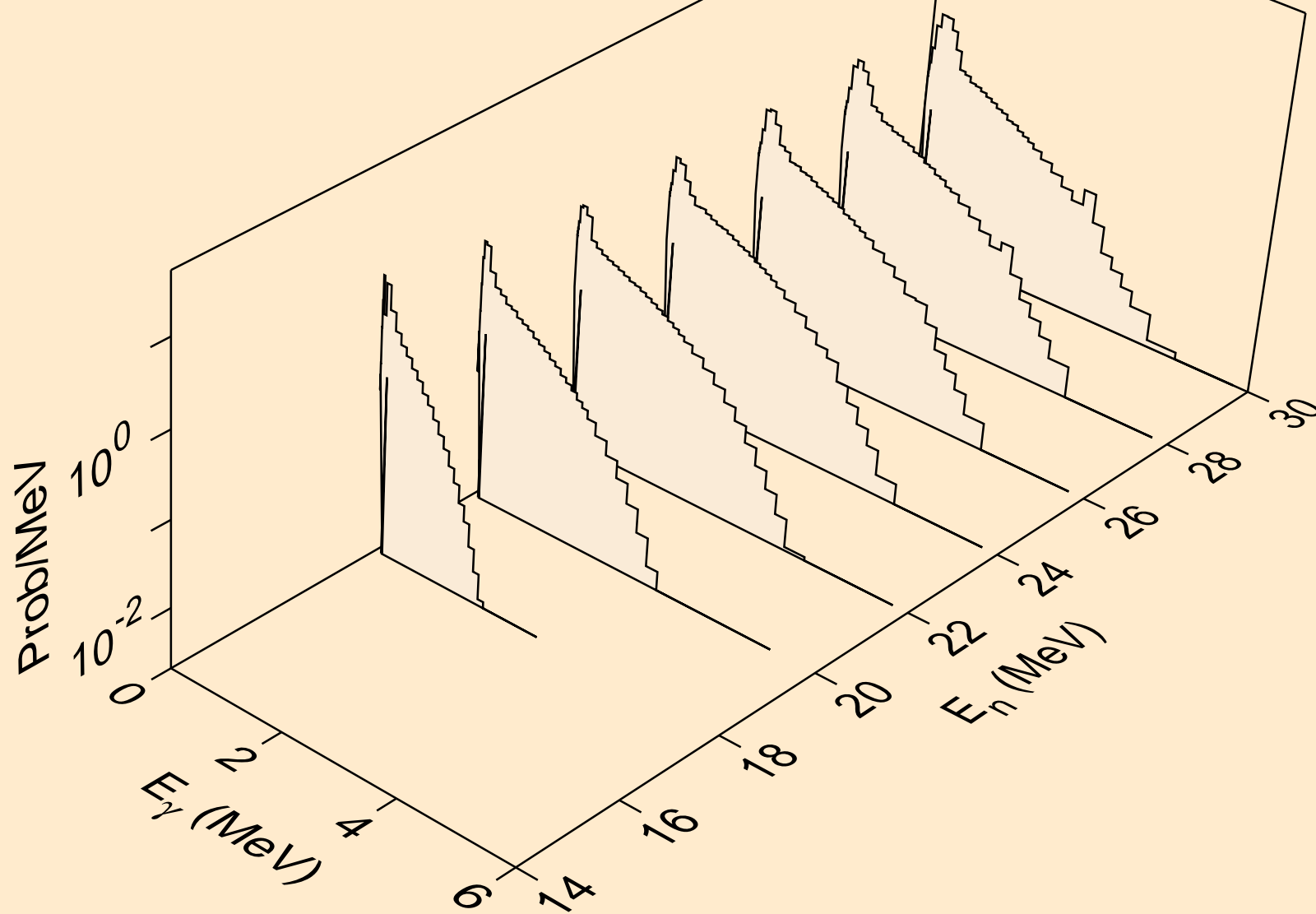
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

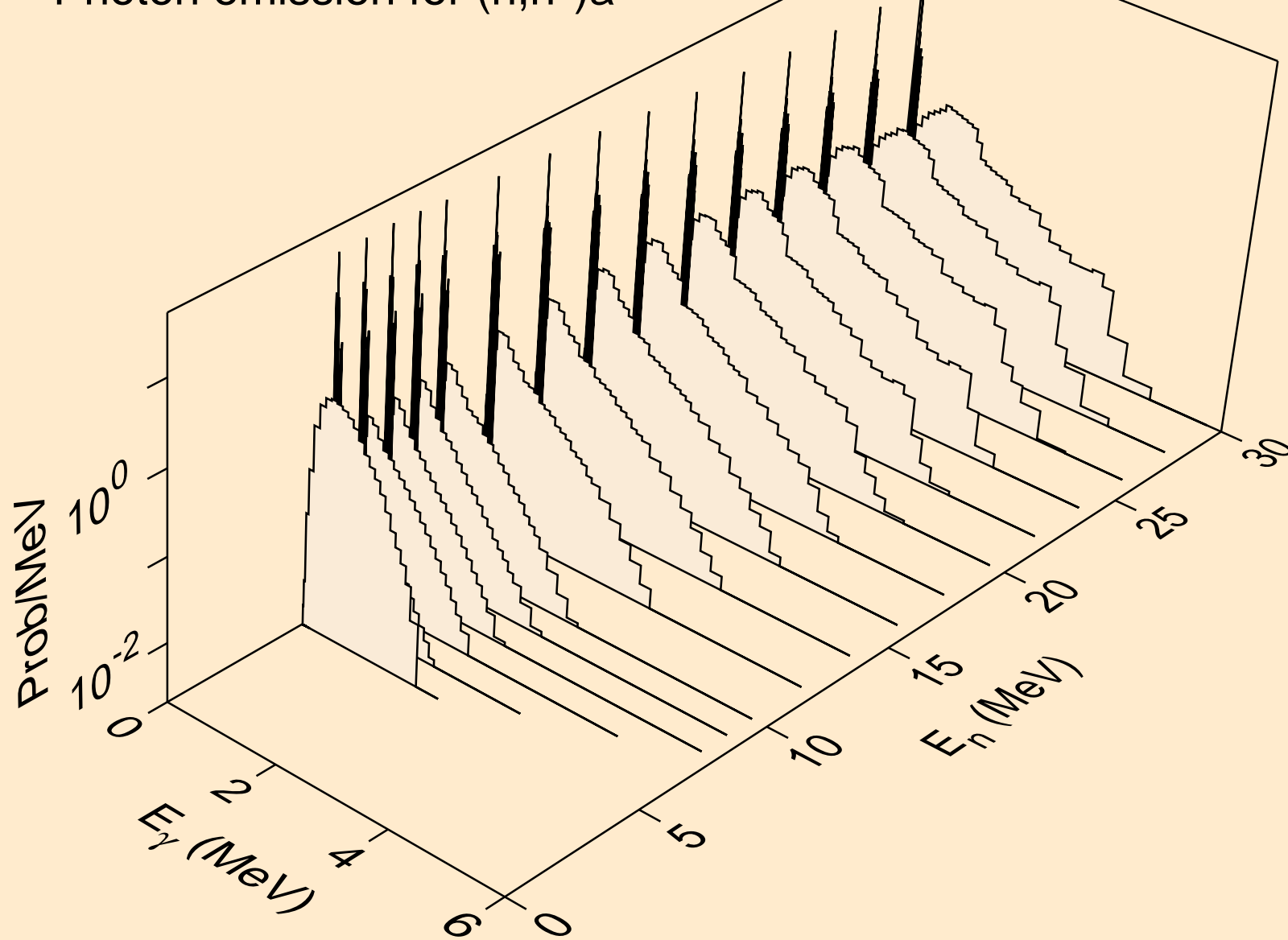


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

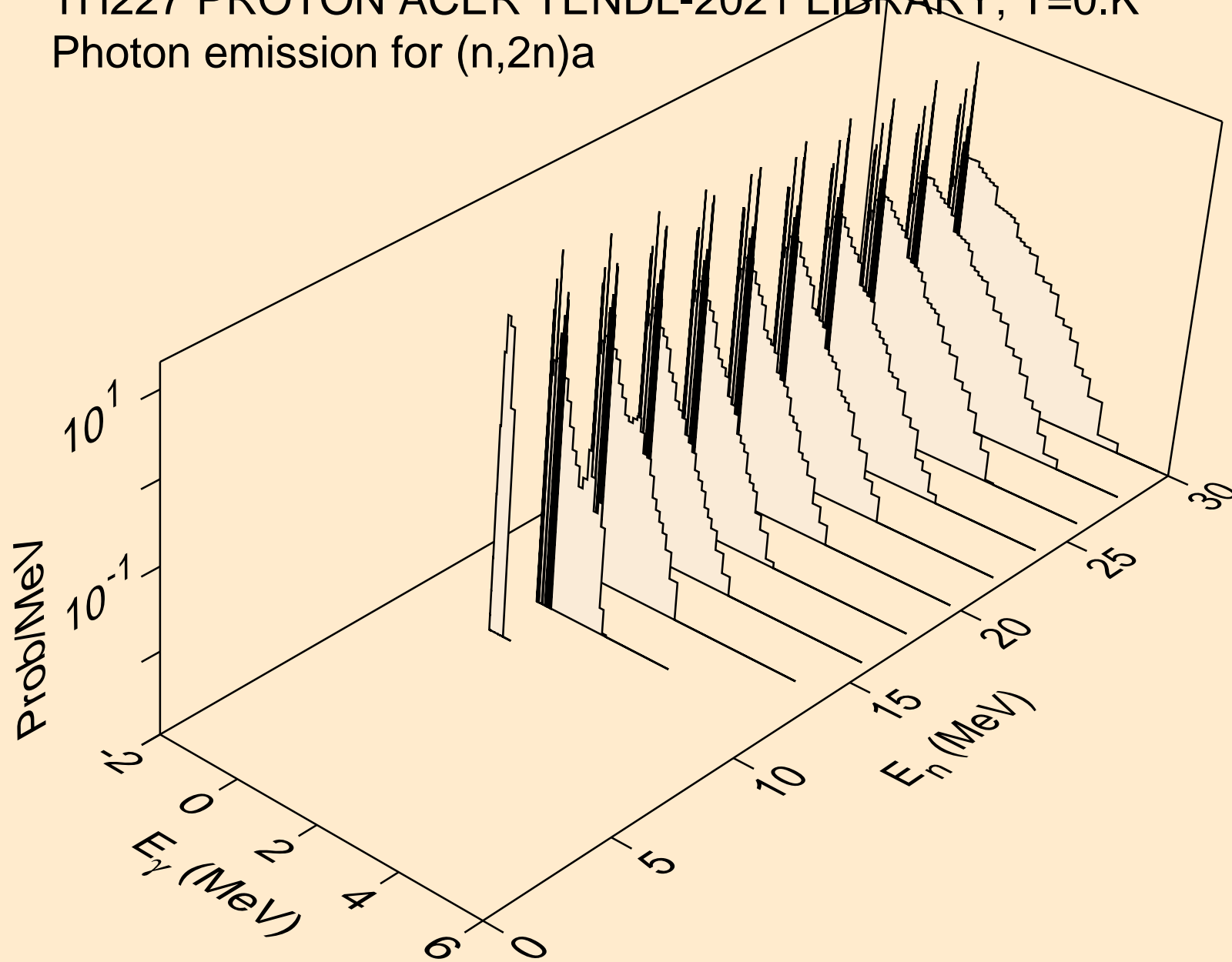




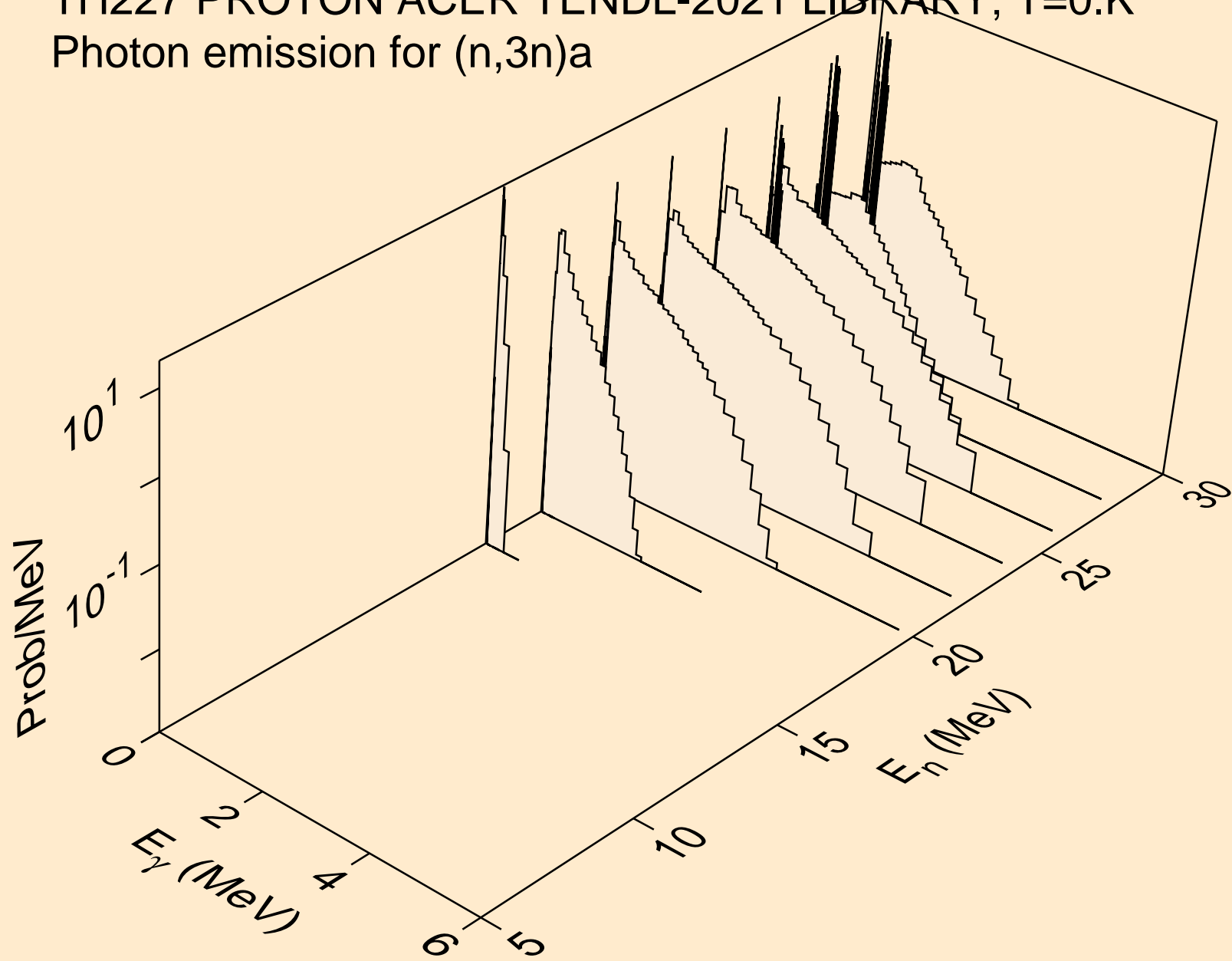
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



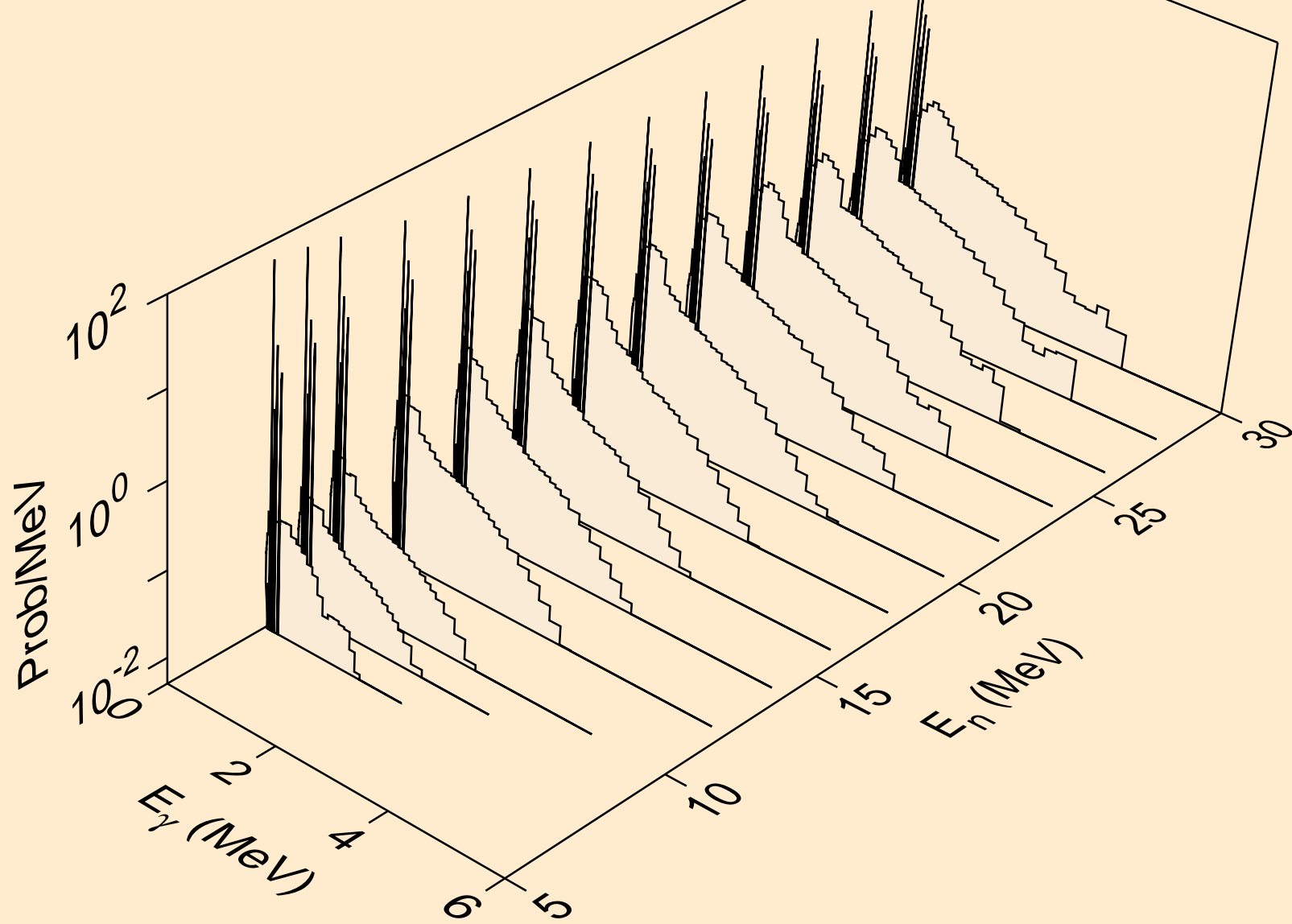
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



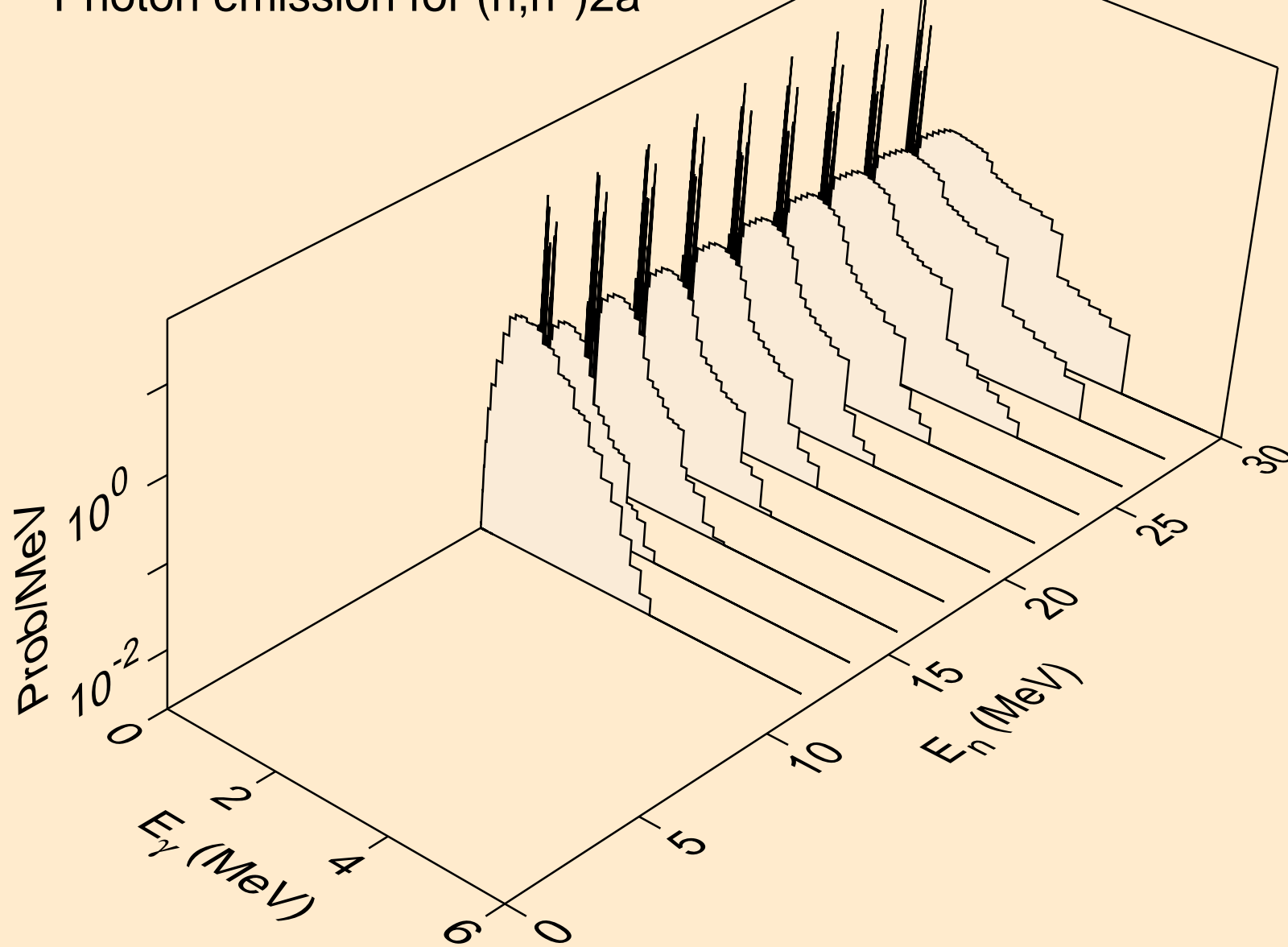
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



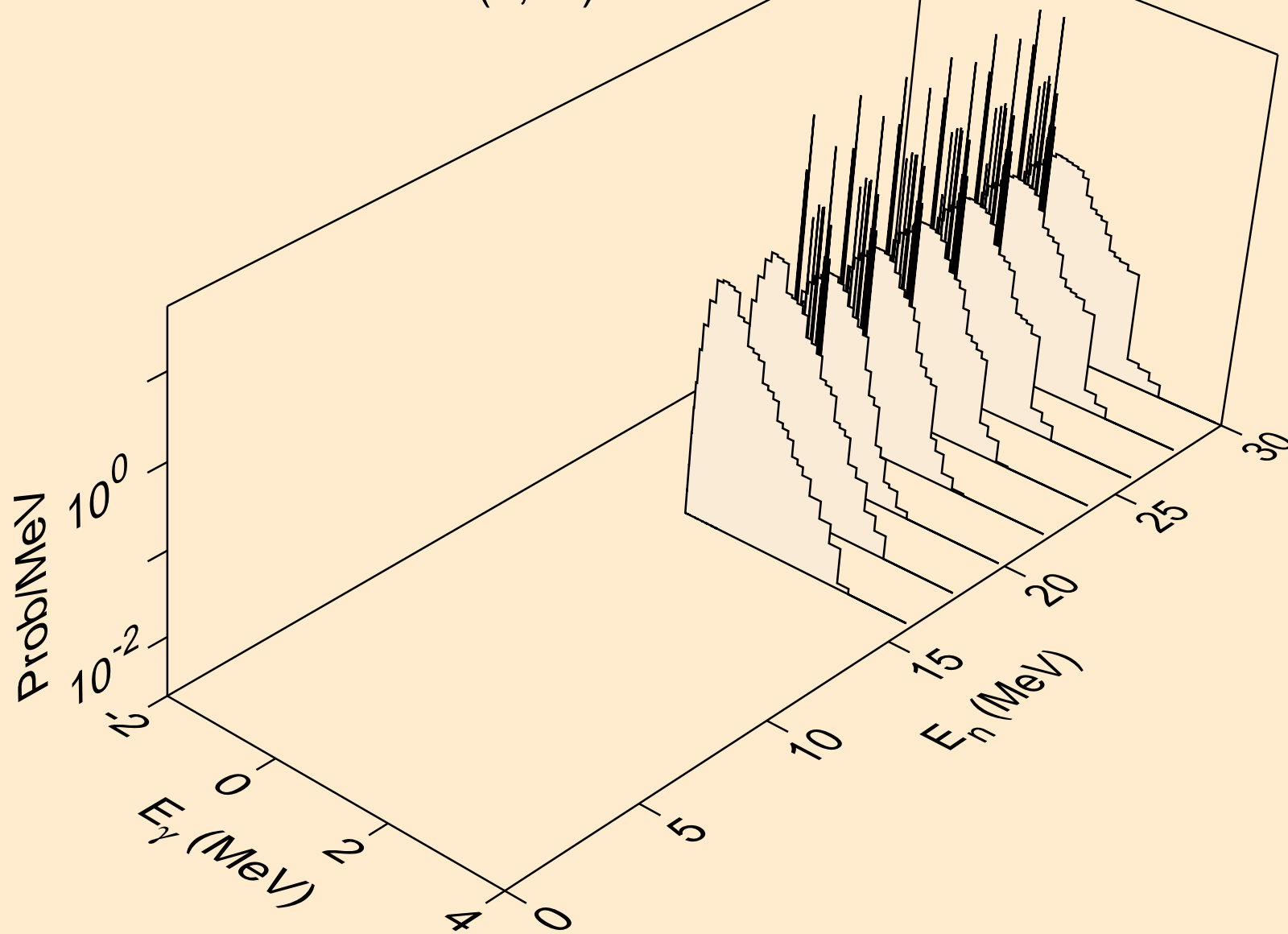
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



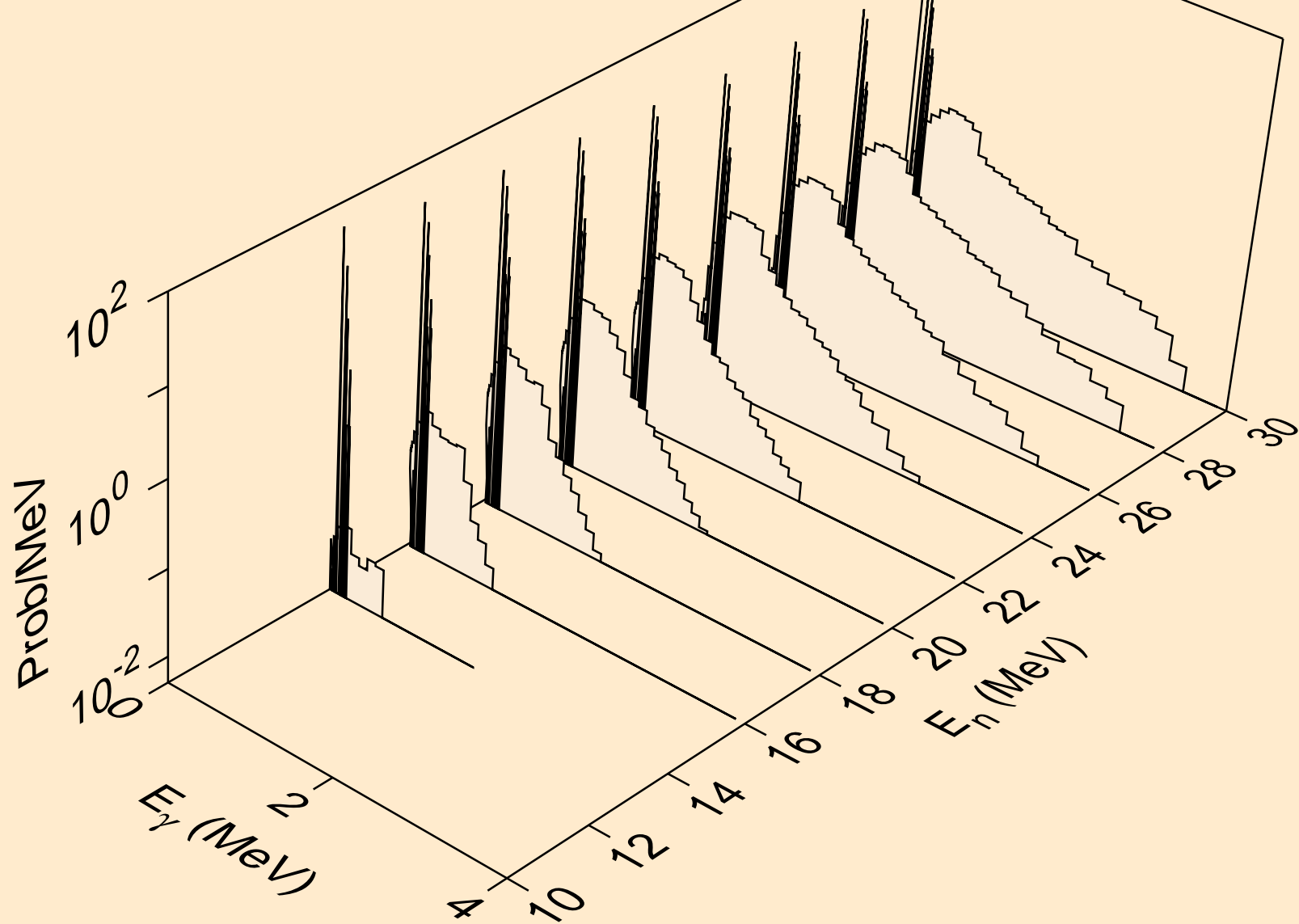
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



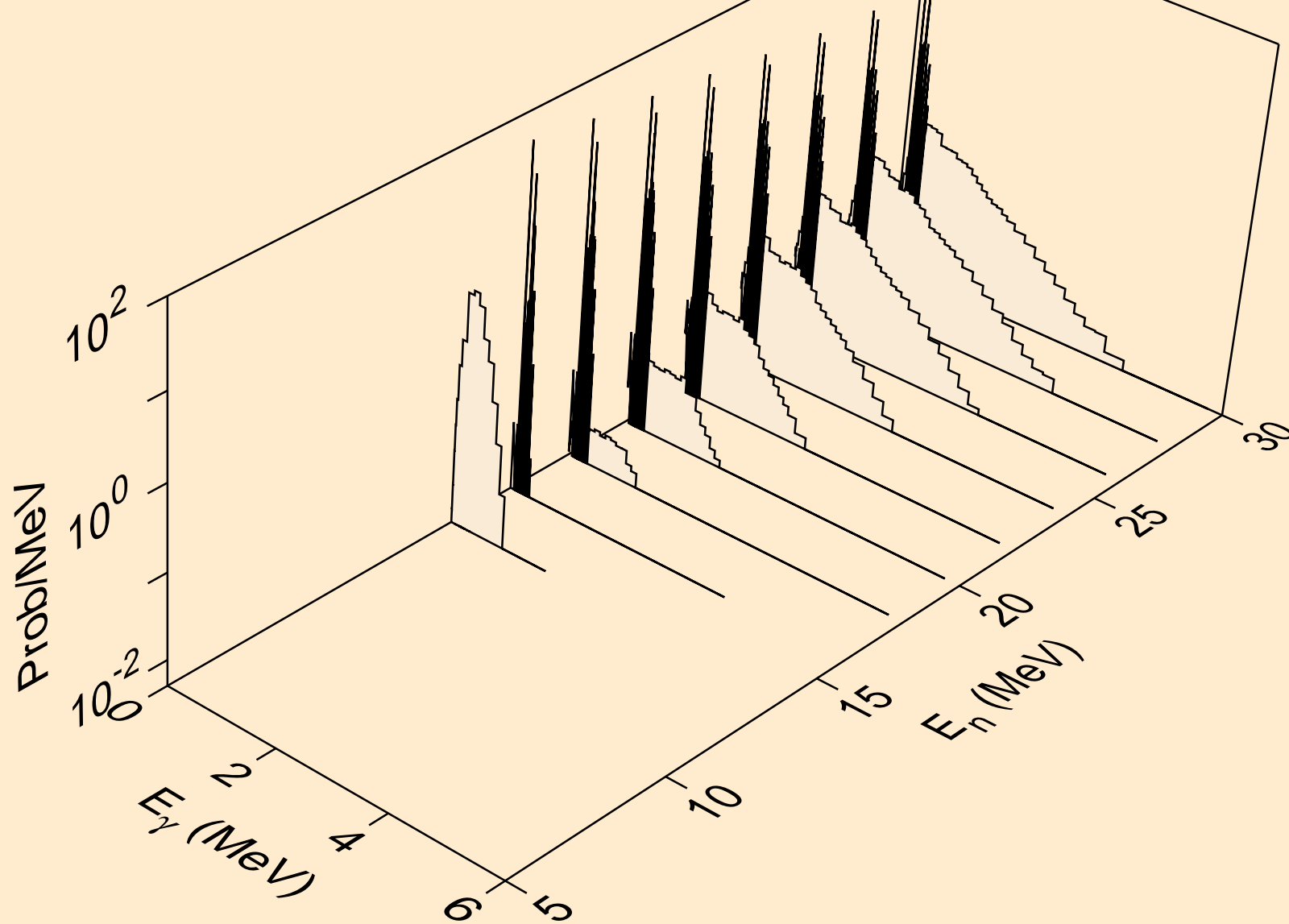
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

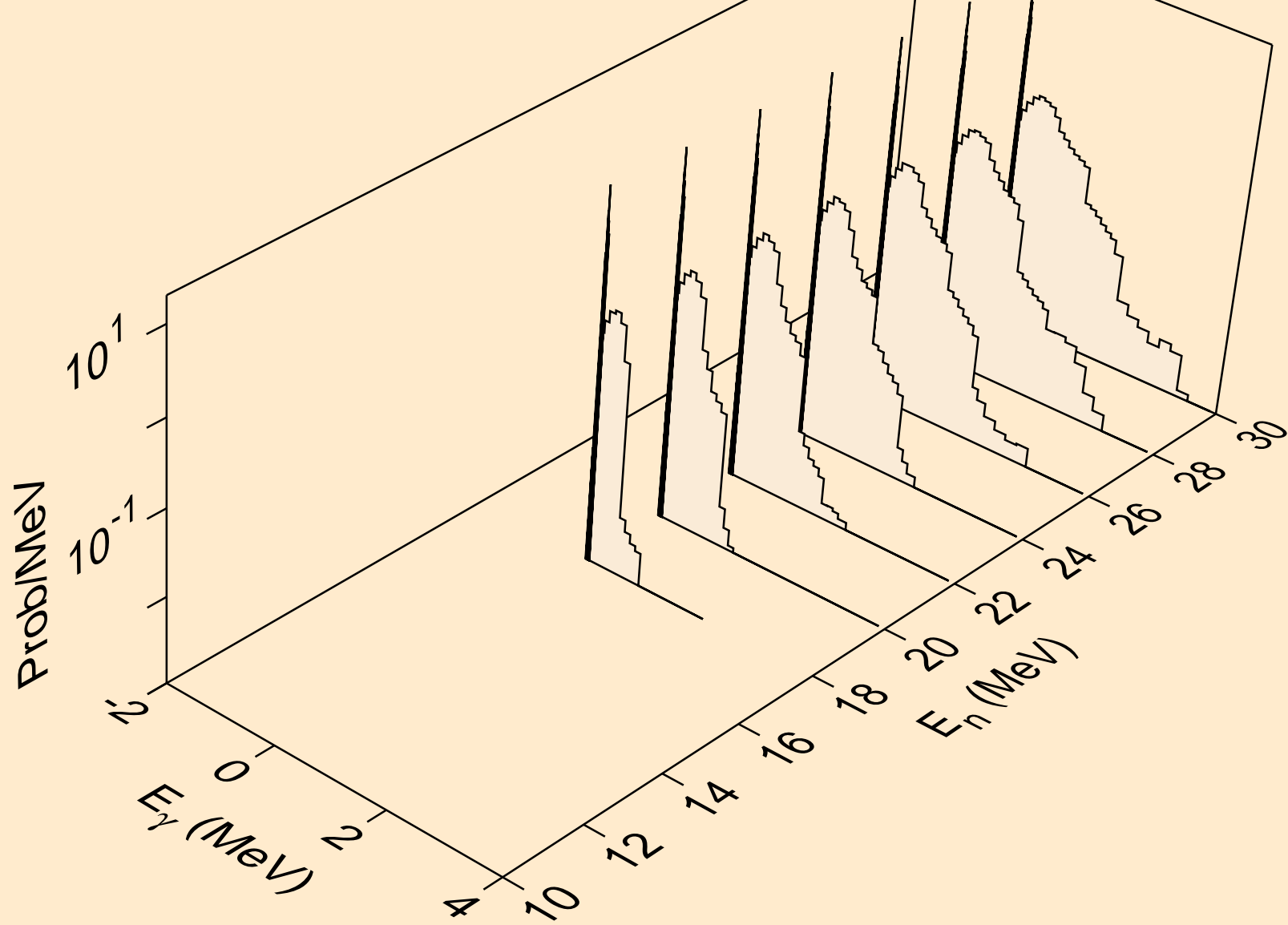


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

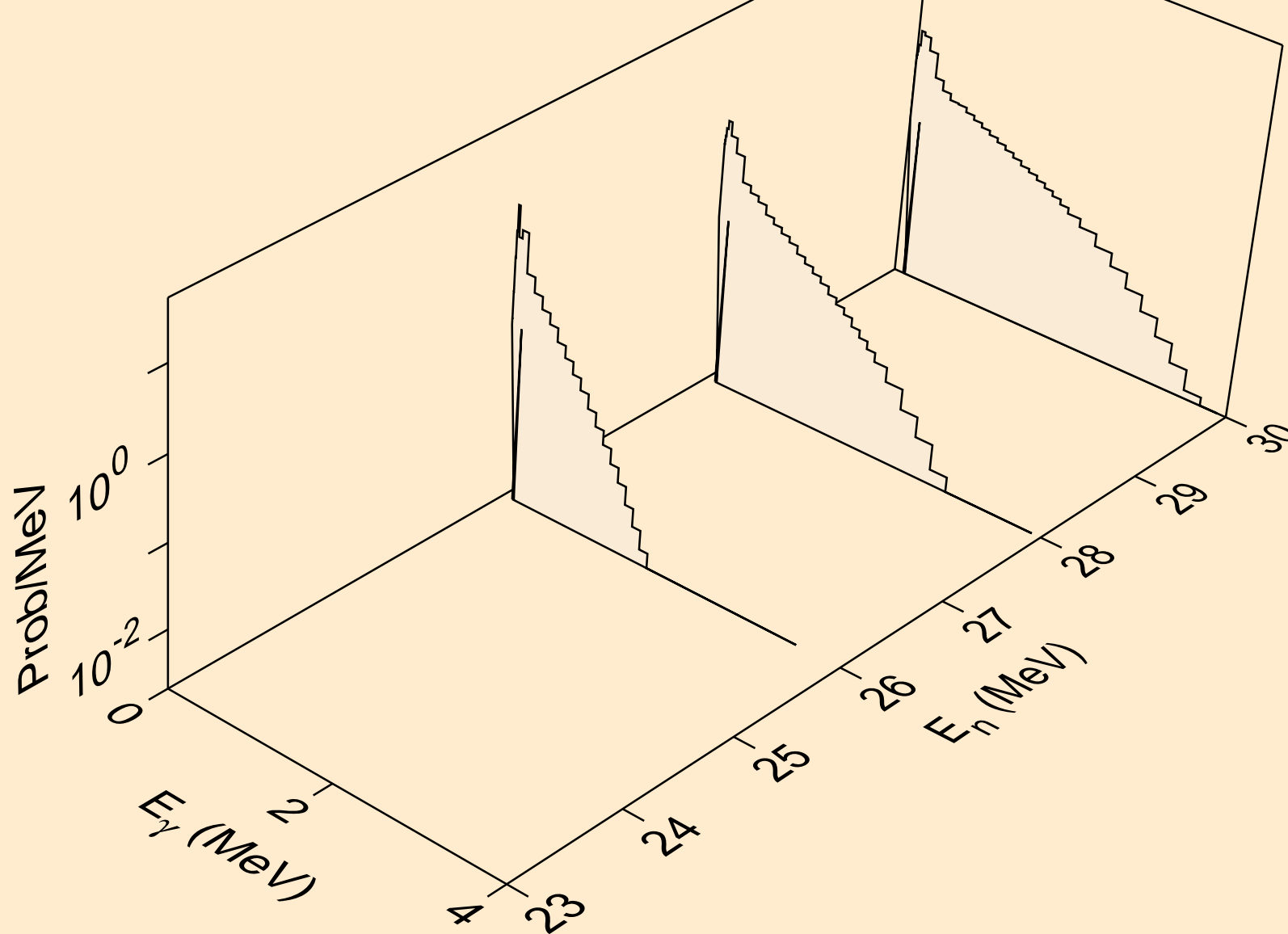




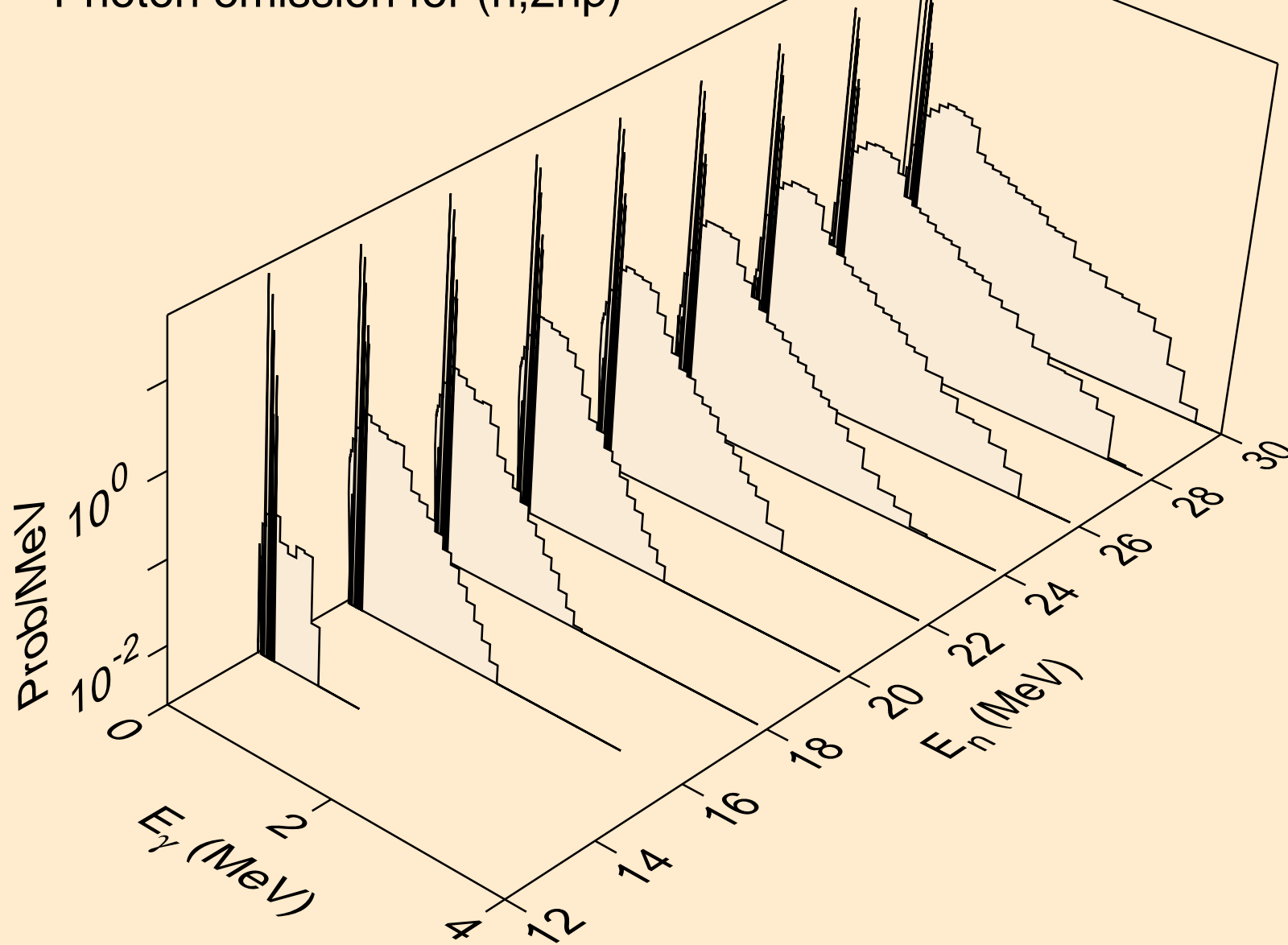
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



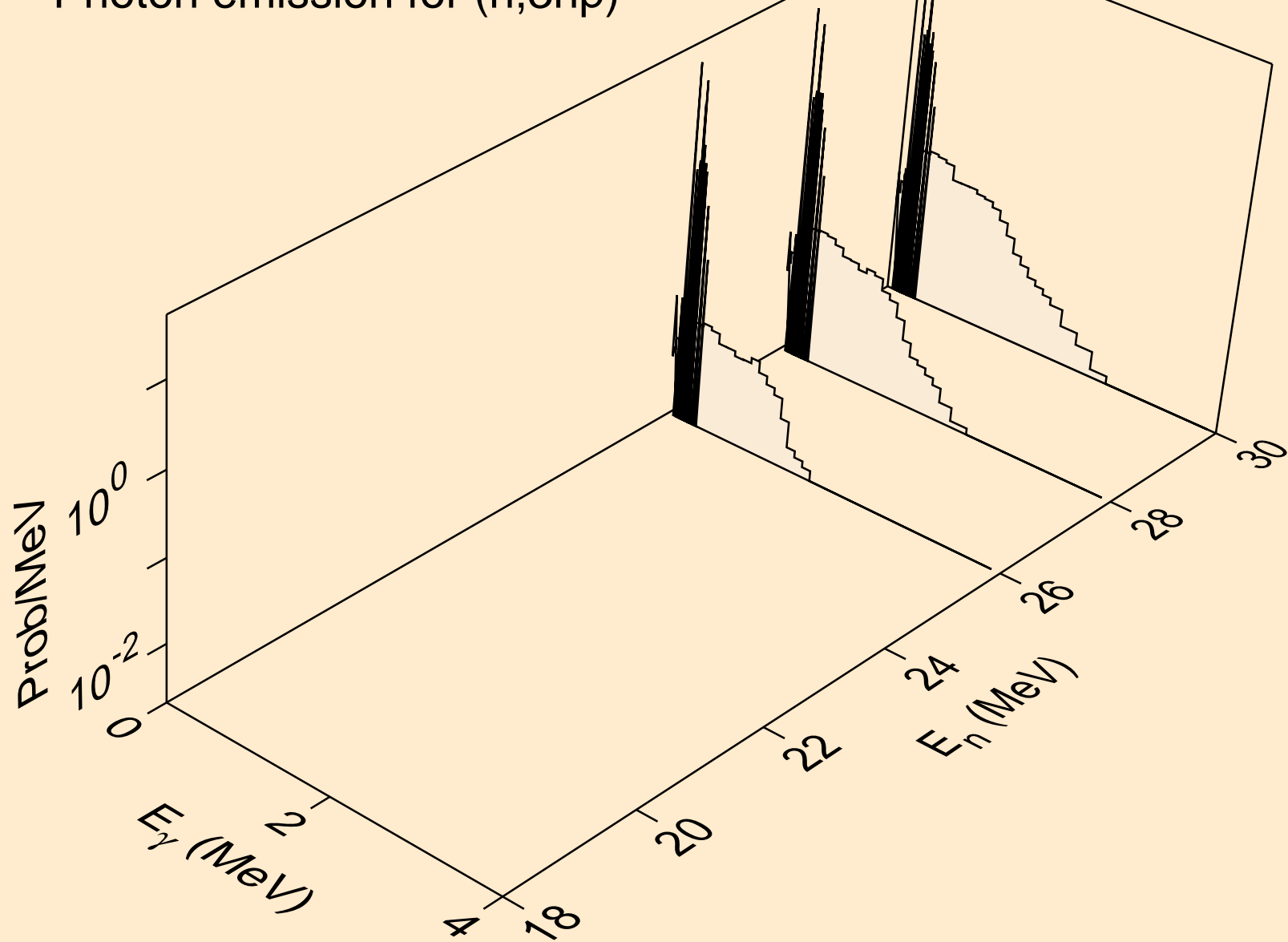
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



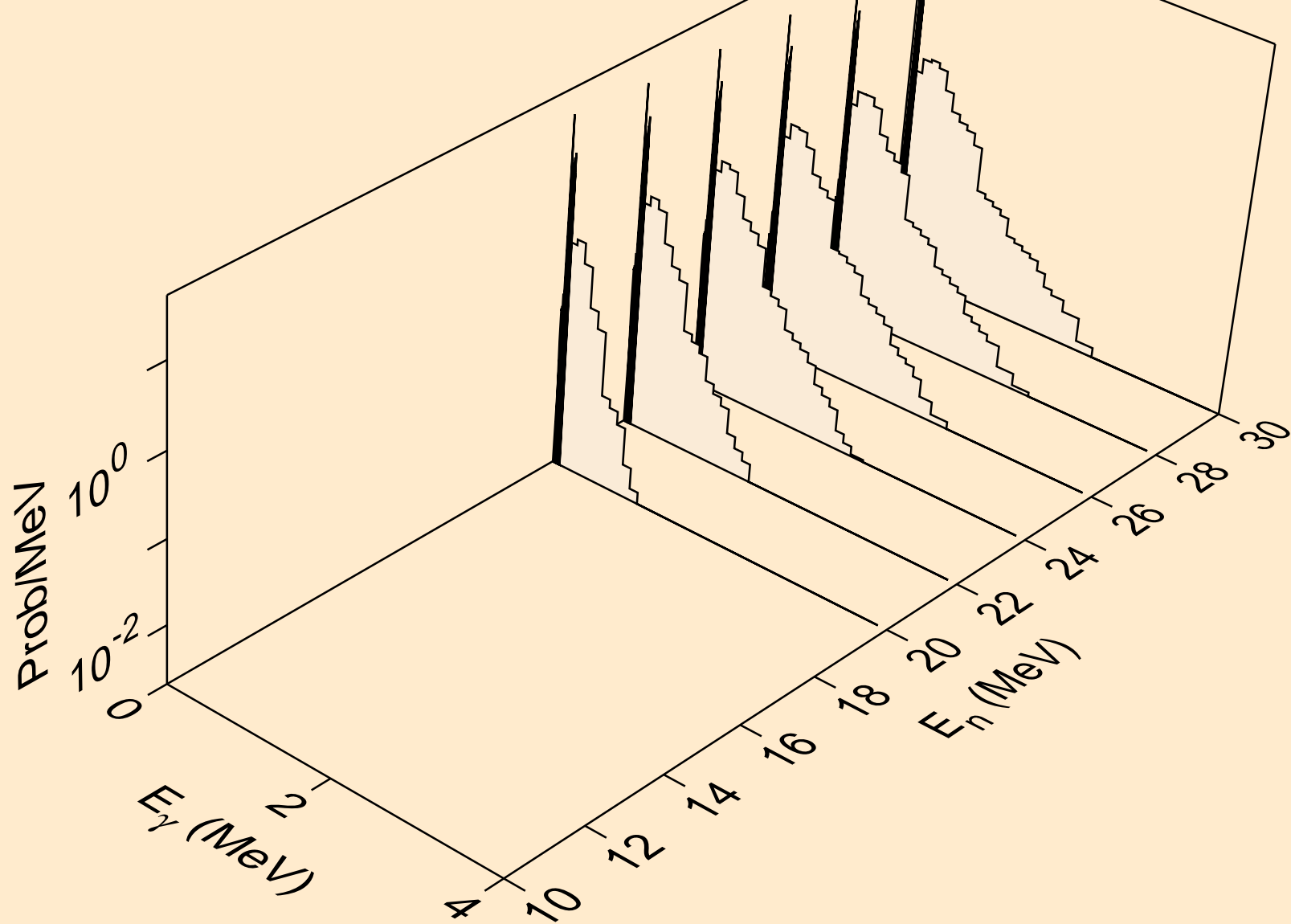
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



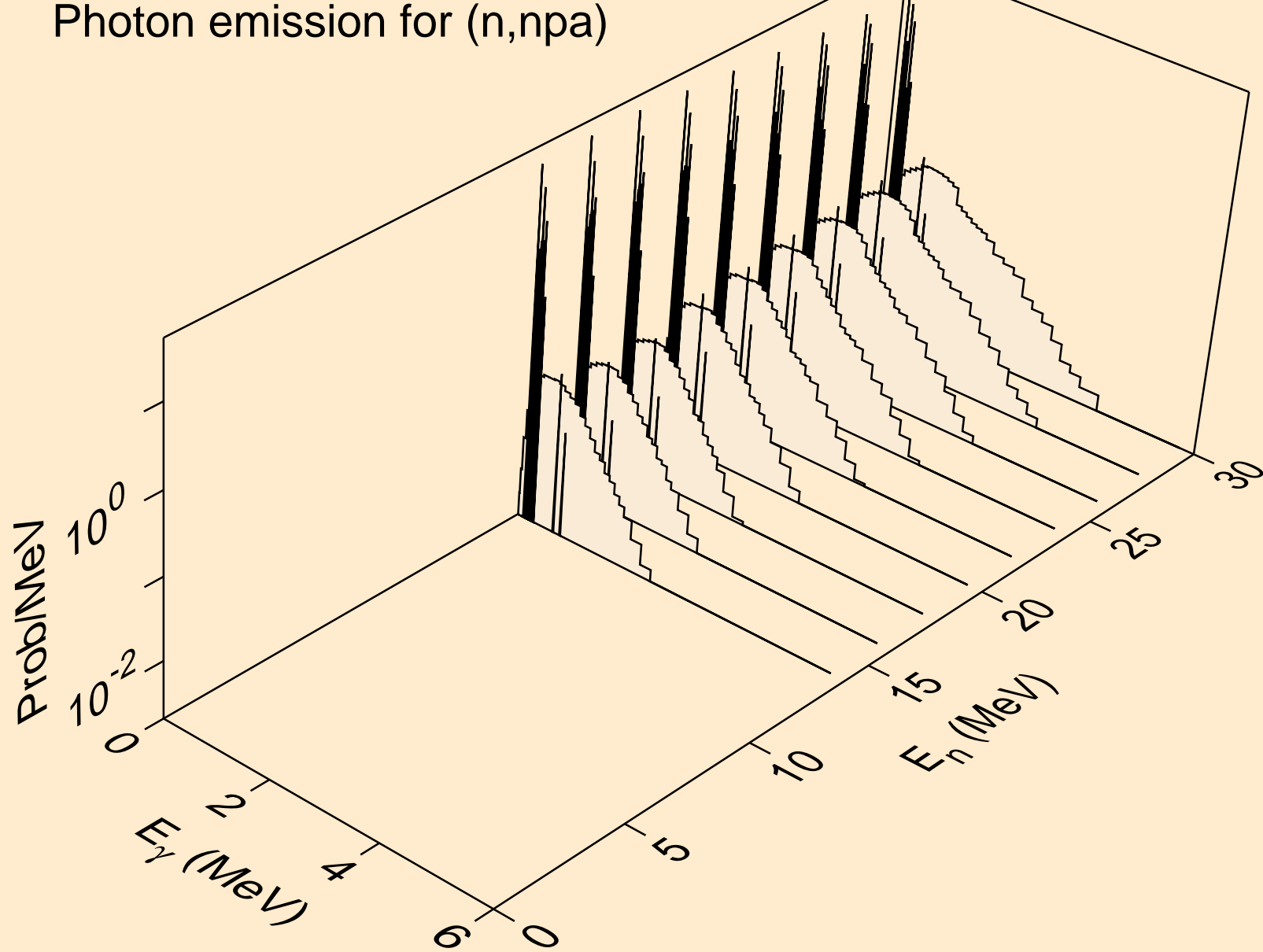
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



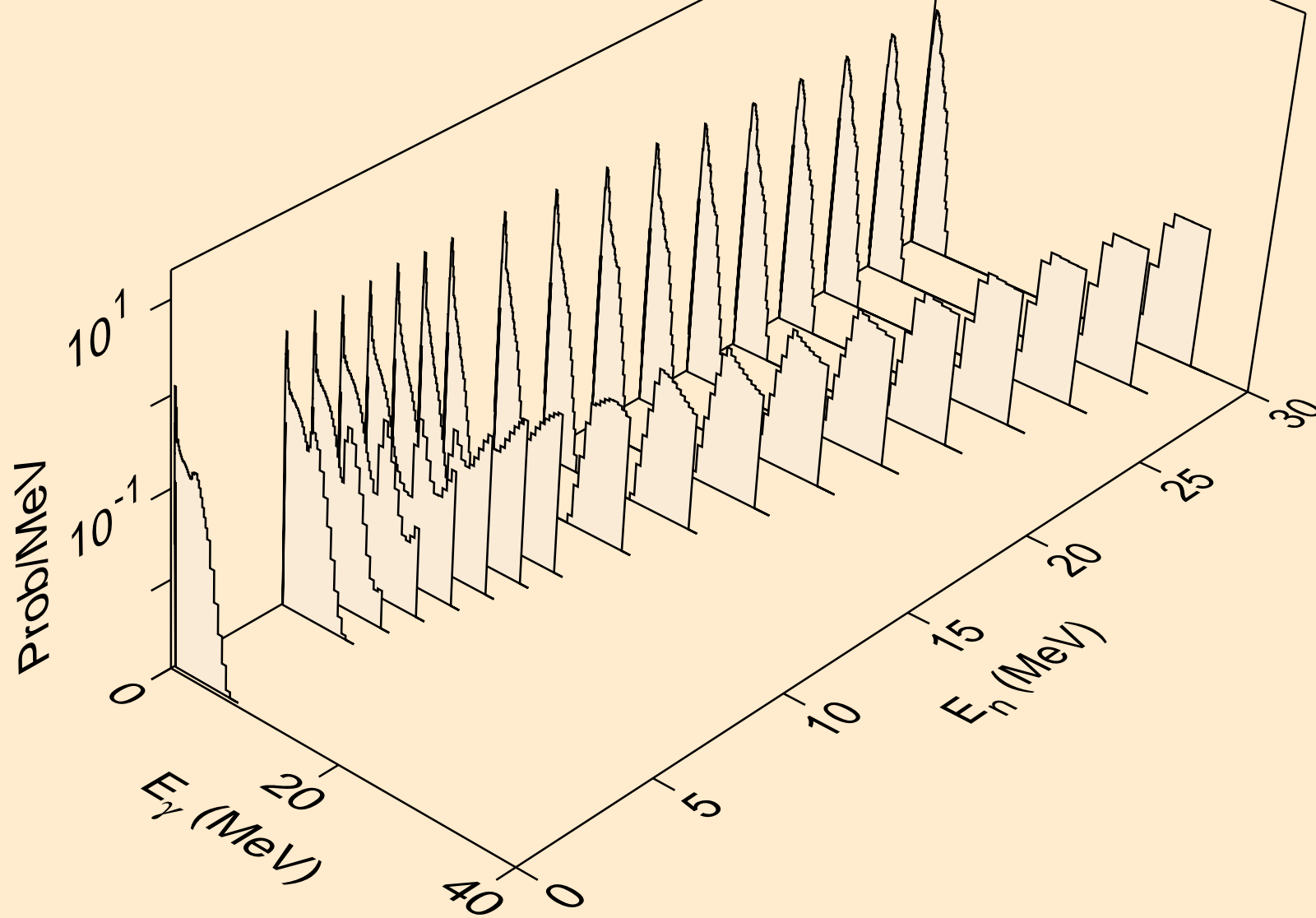
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



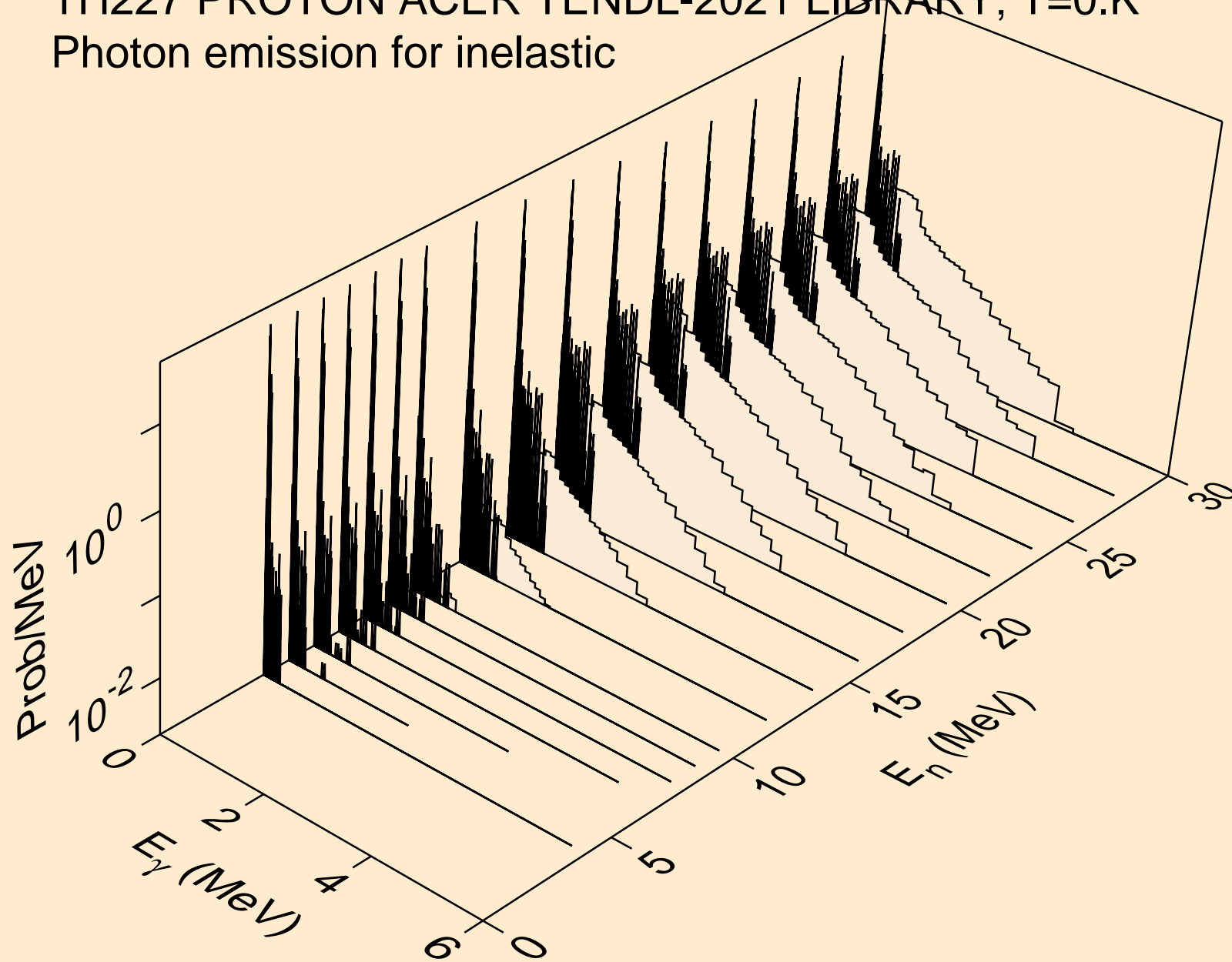
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)

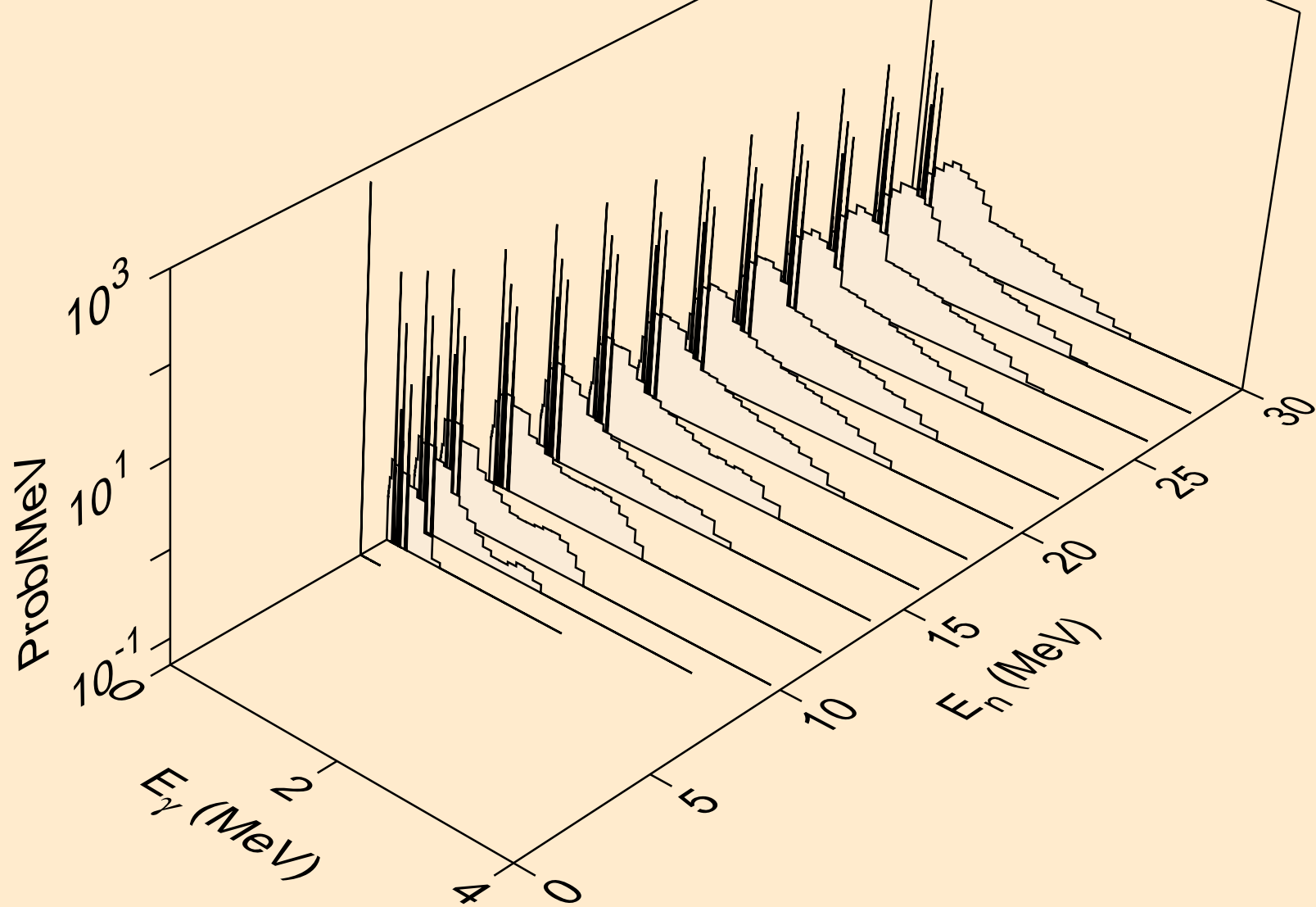


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

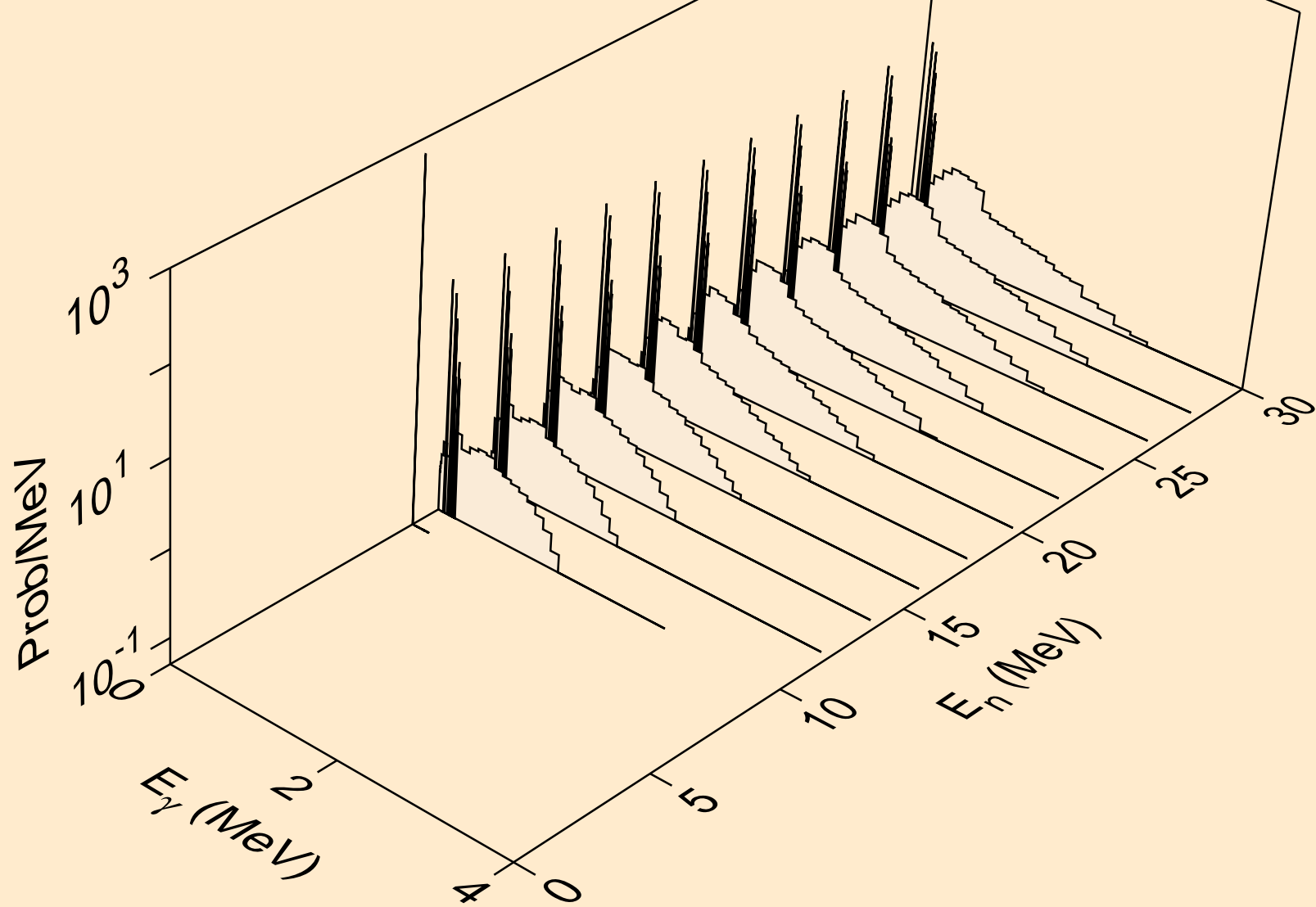




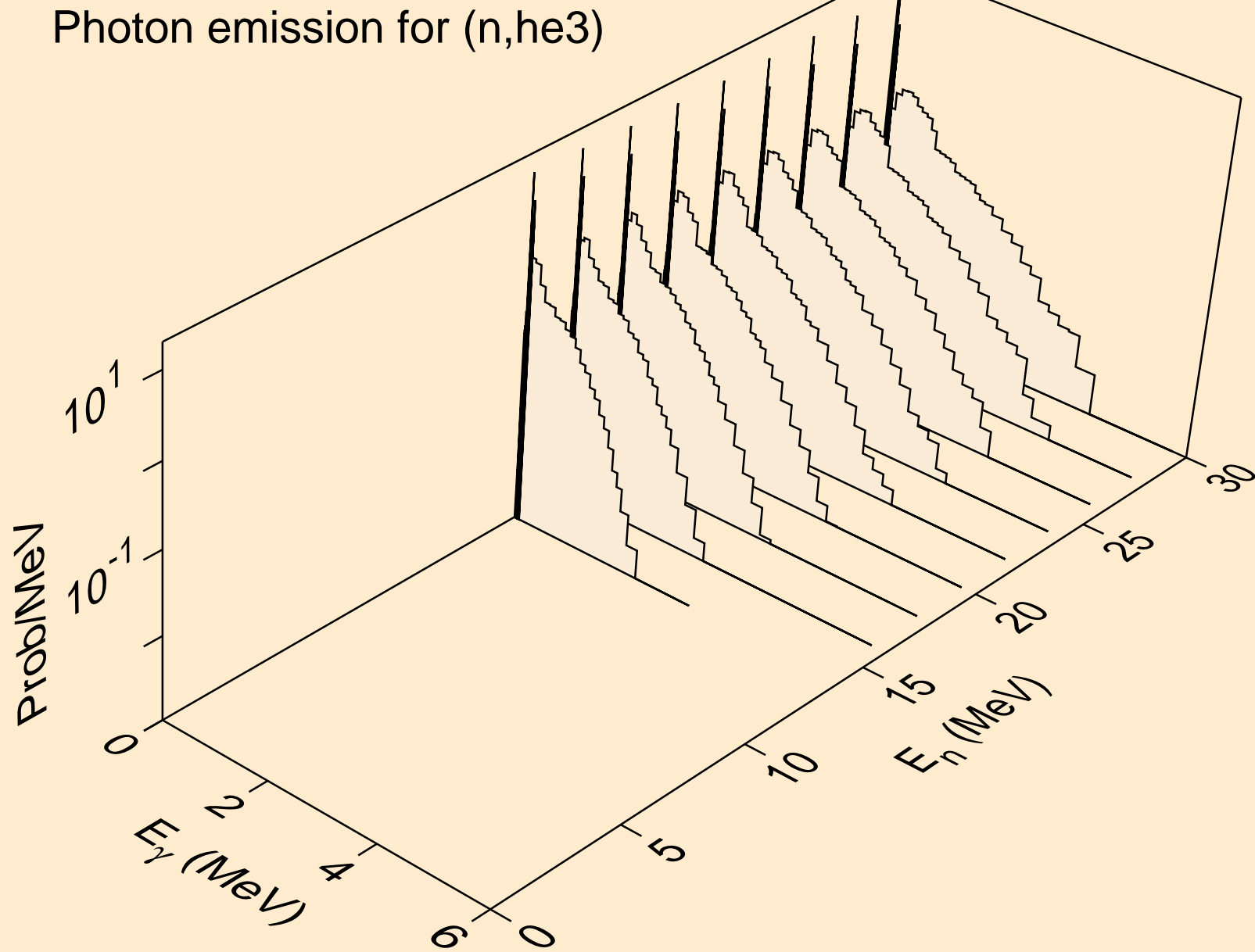
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



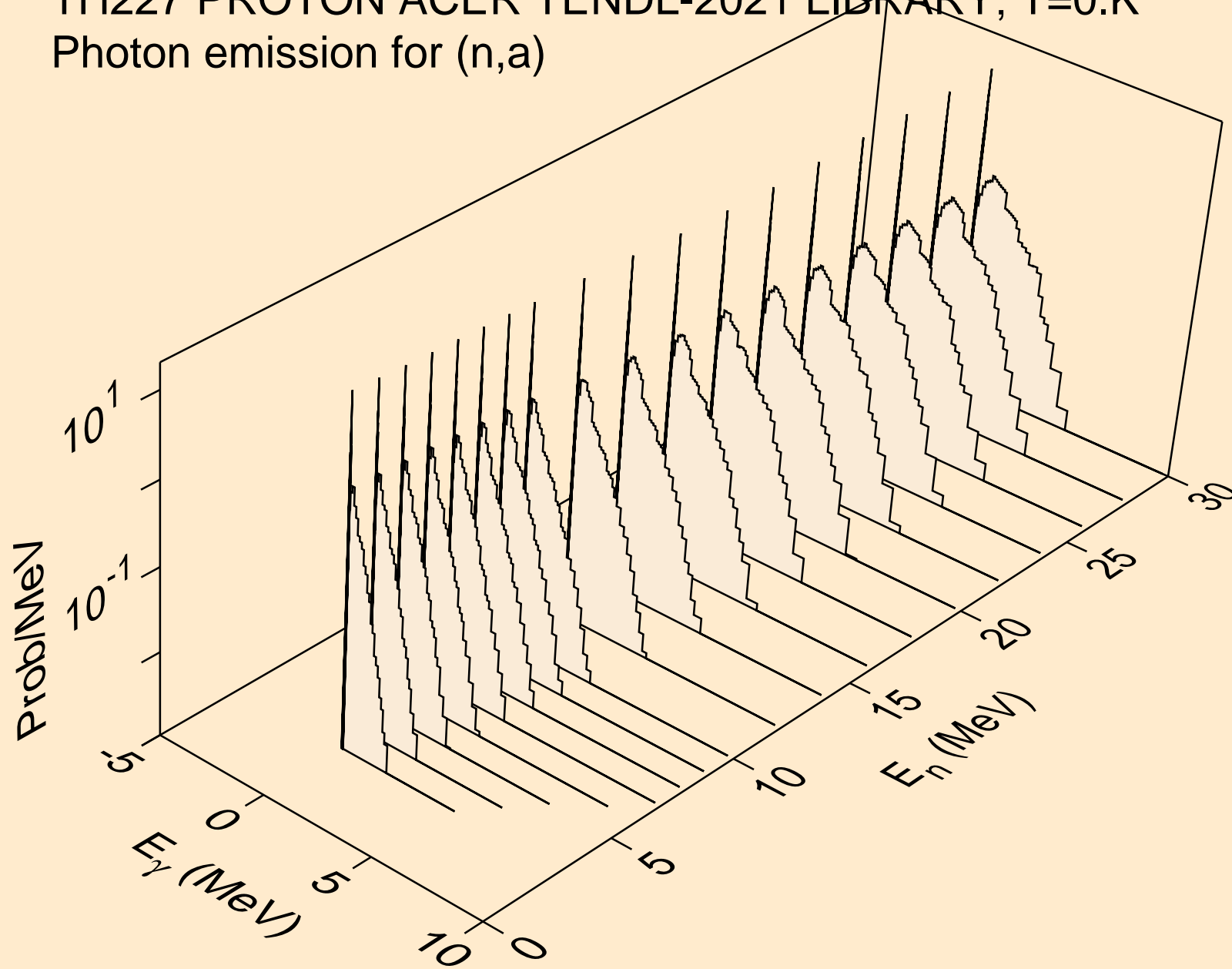
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



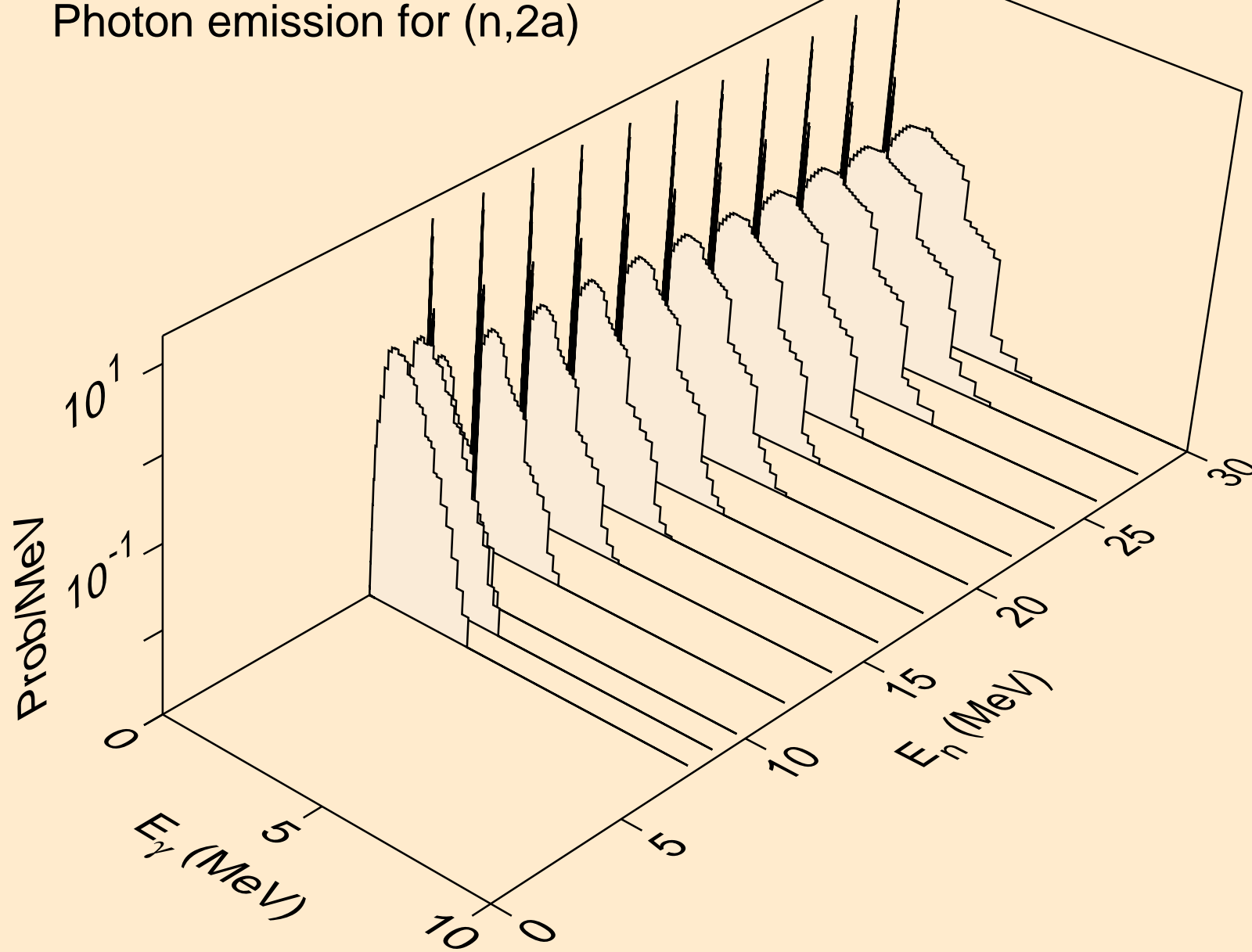
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



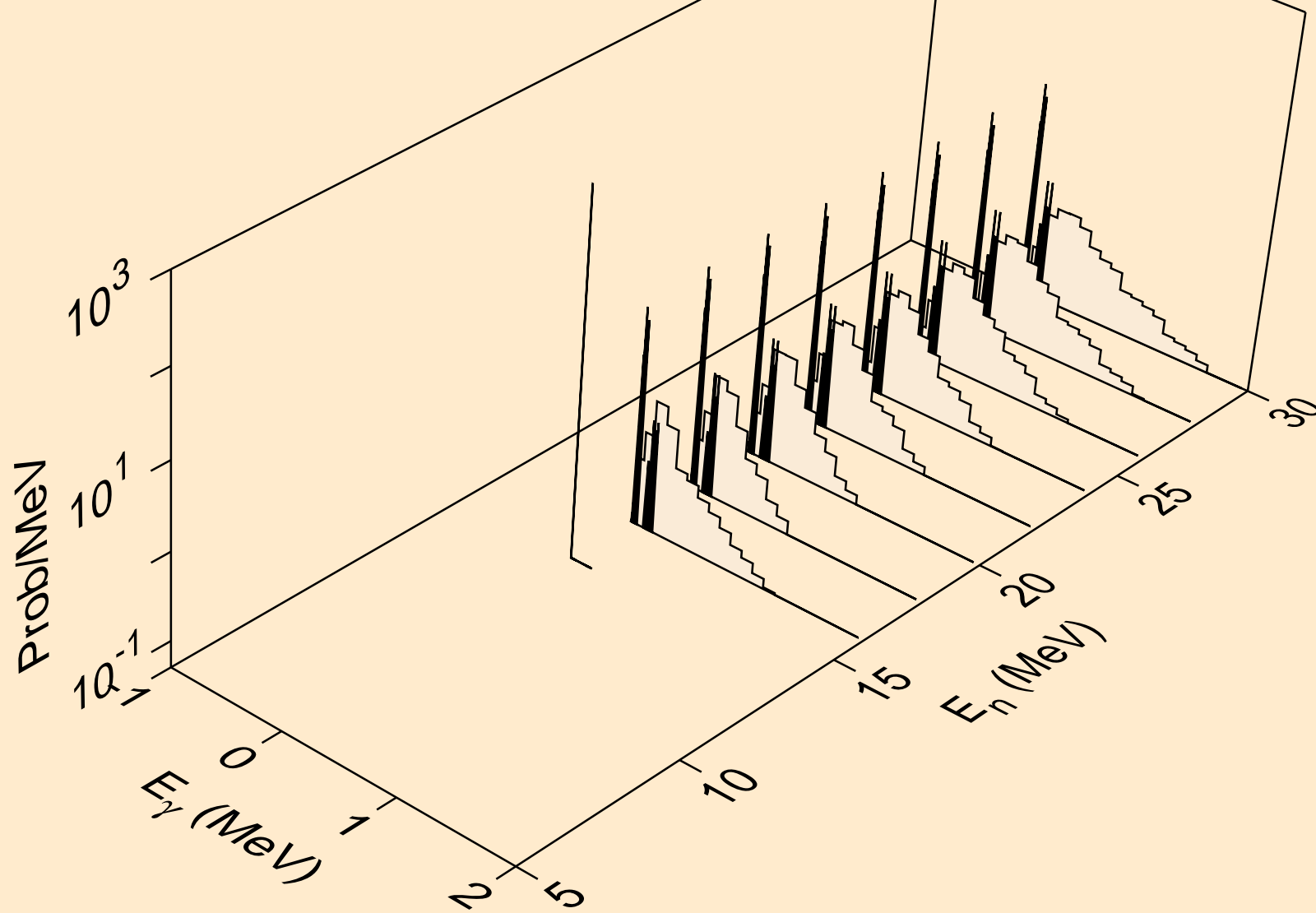
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



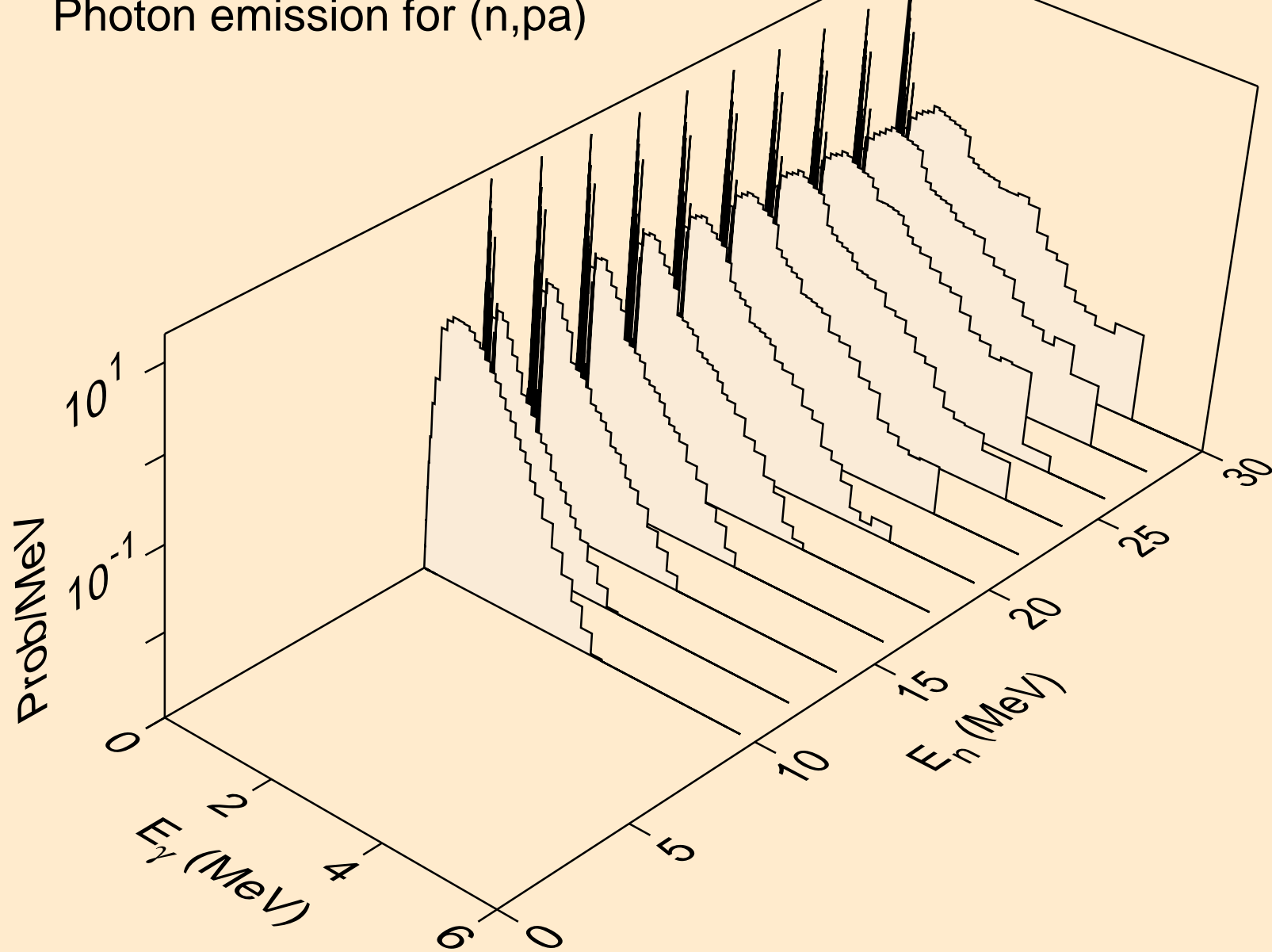
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



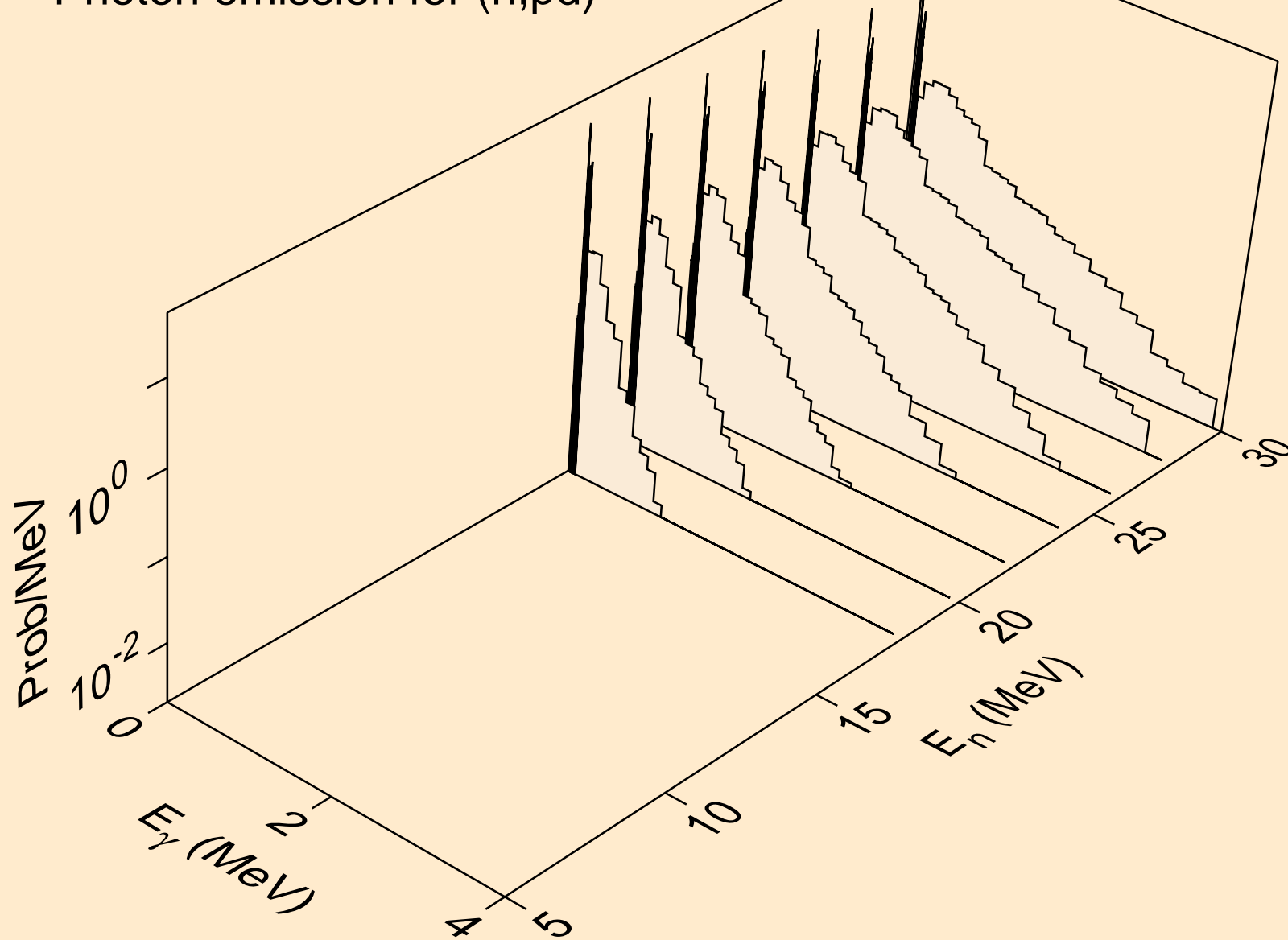
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

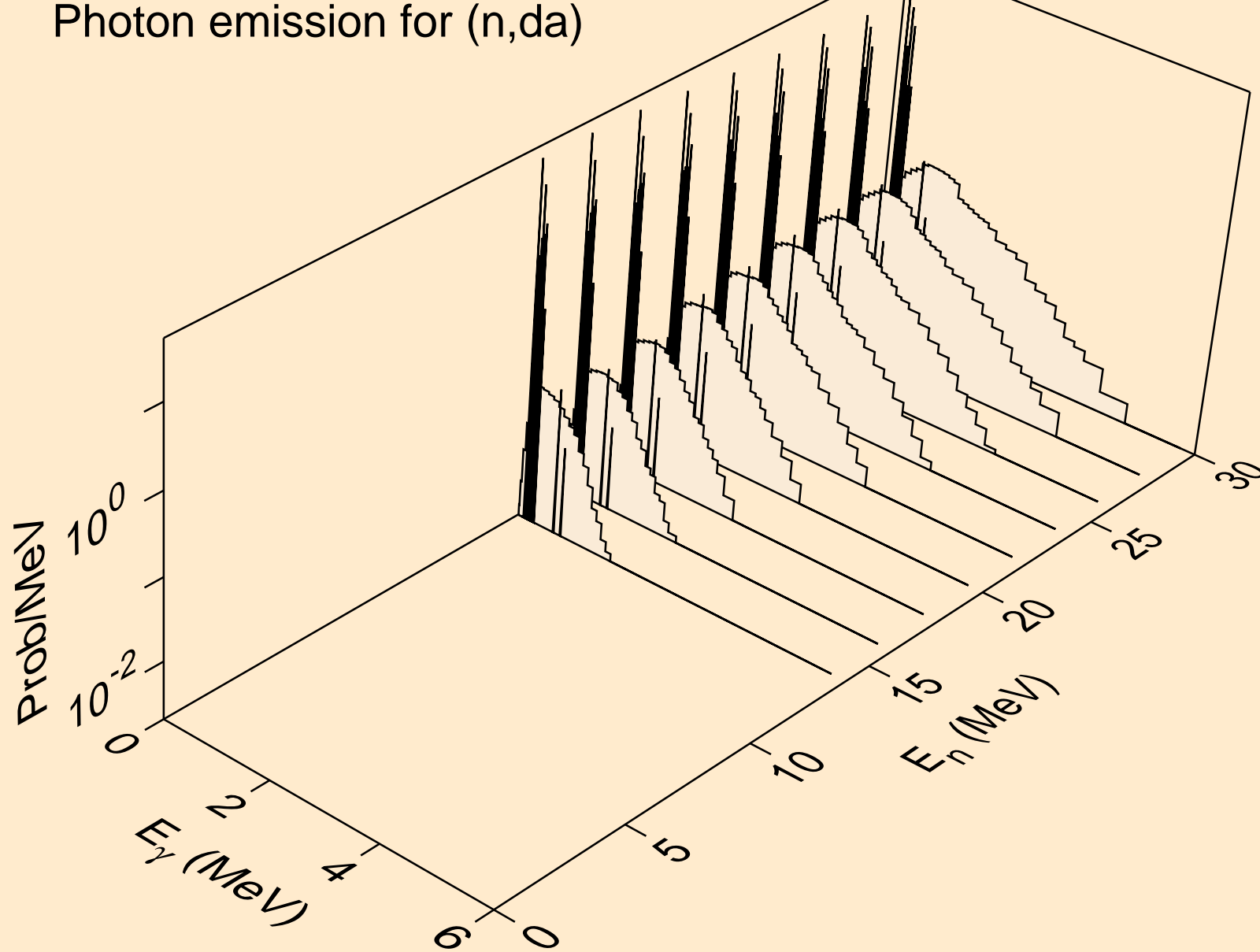


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

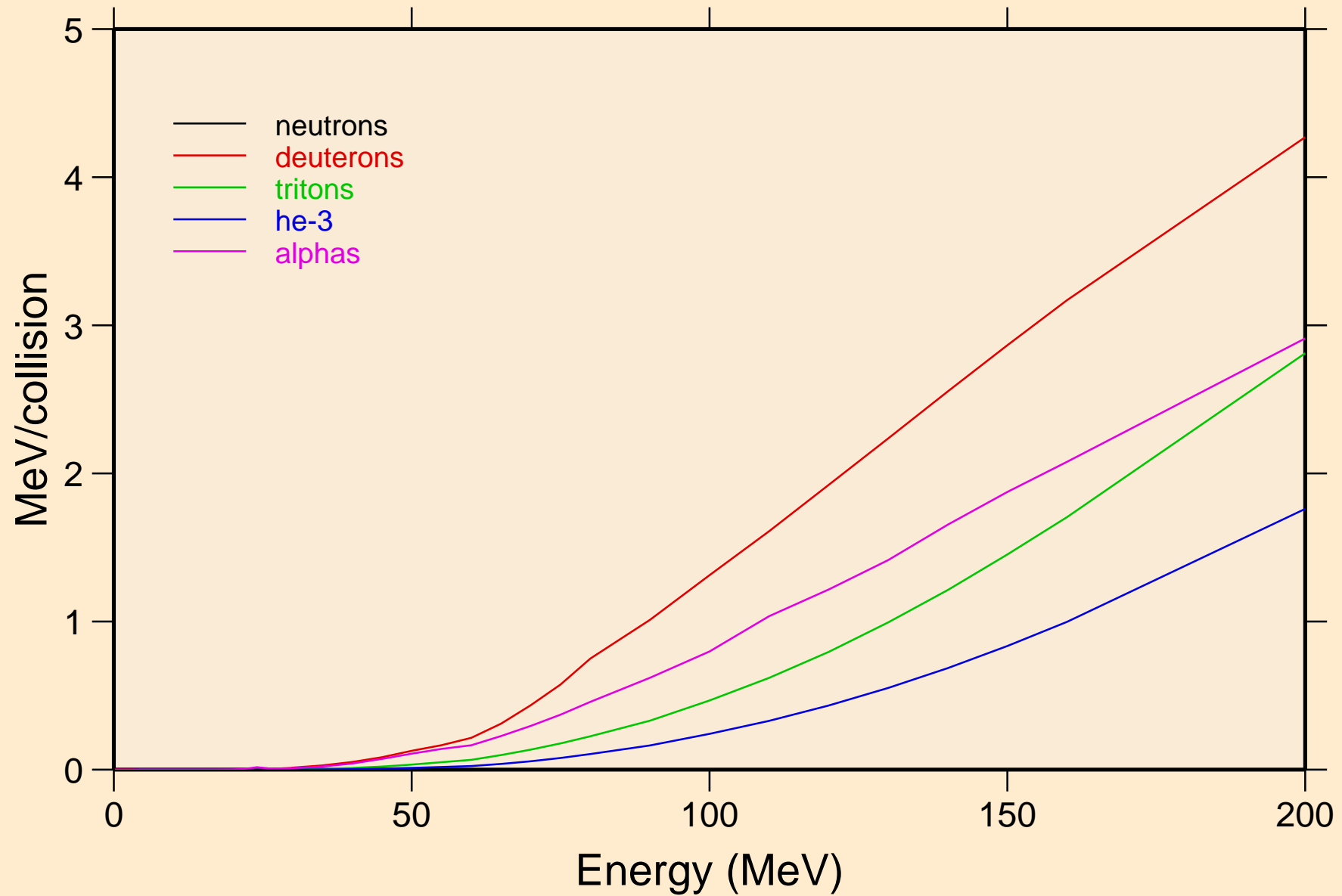




TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

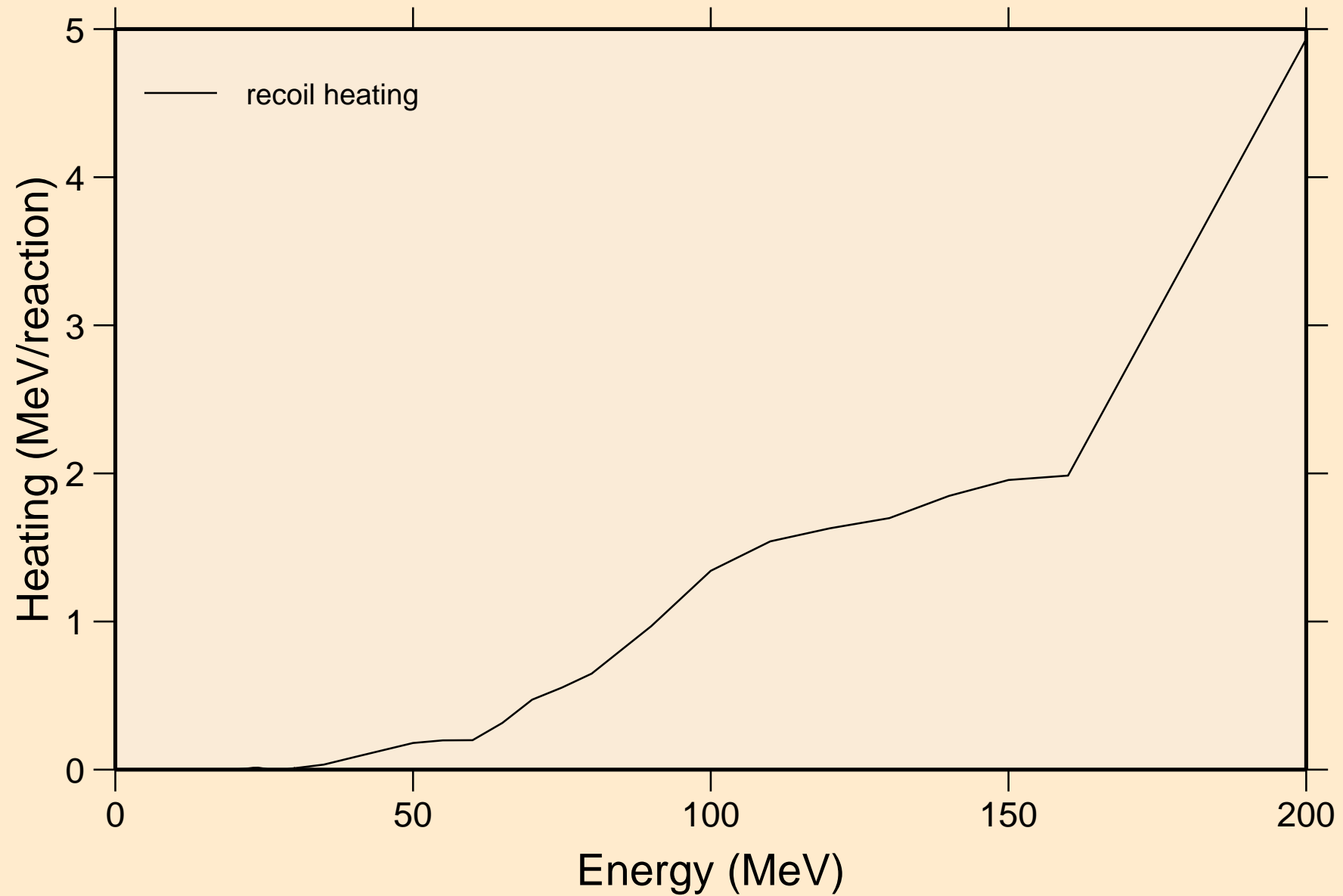


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

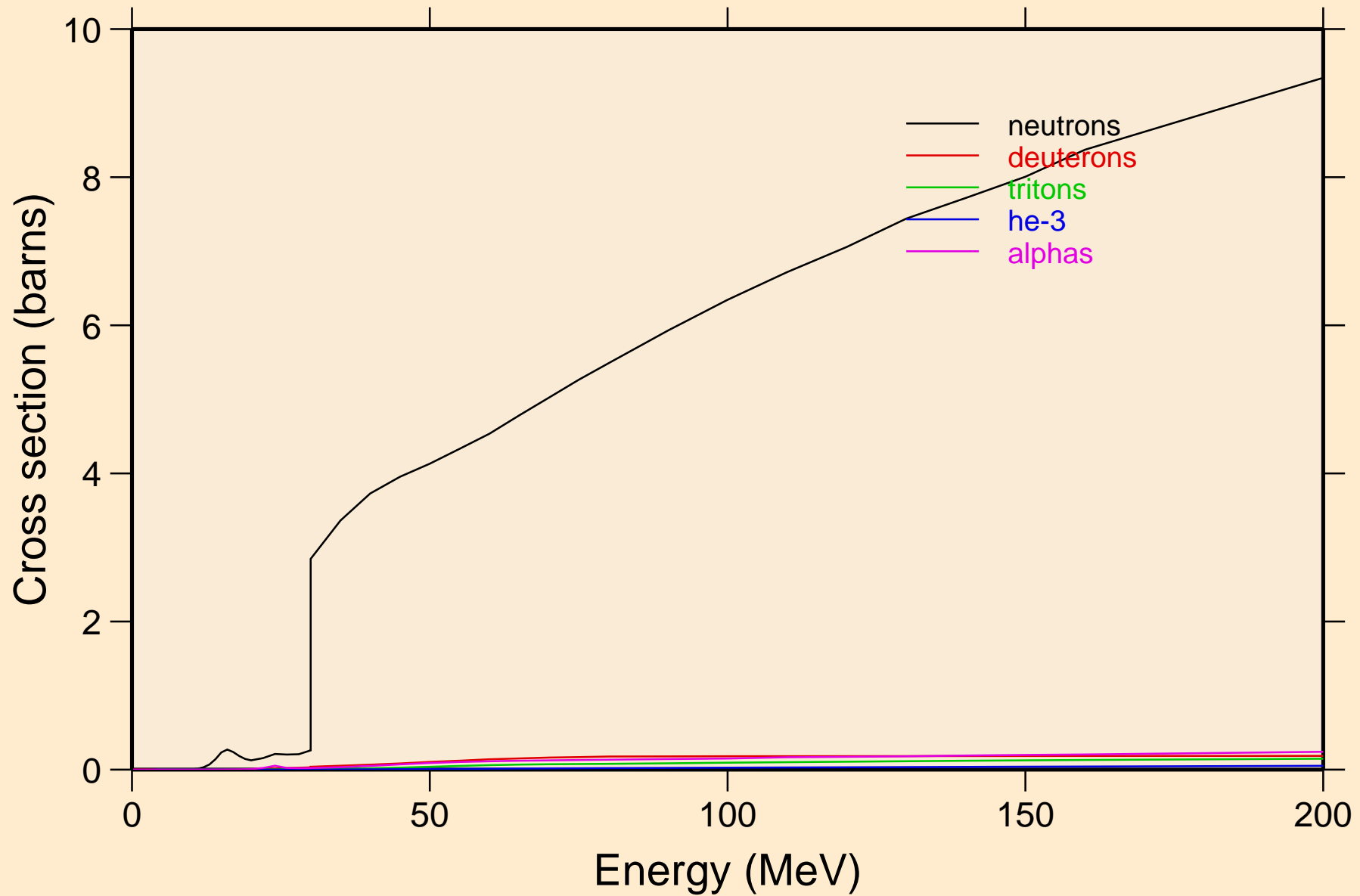


# TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K

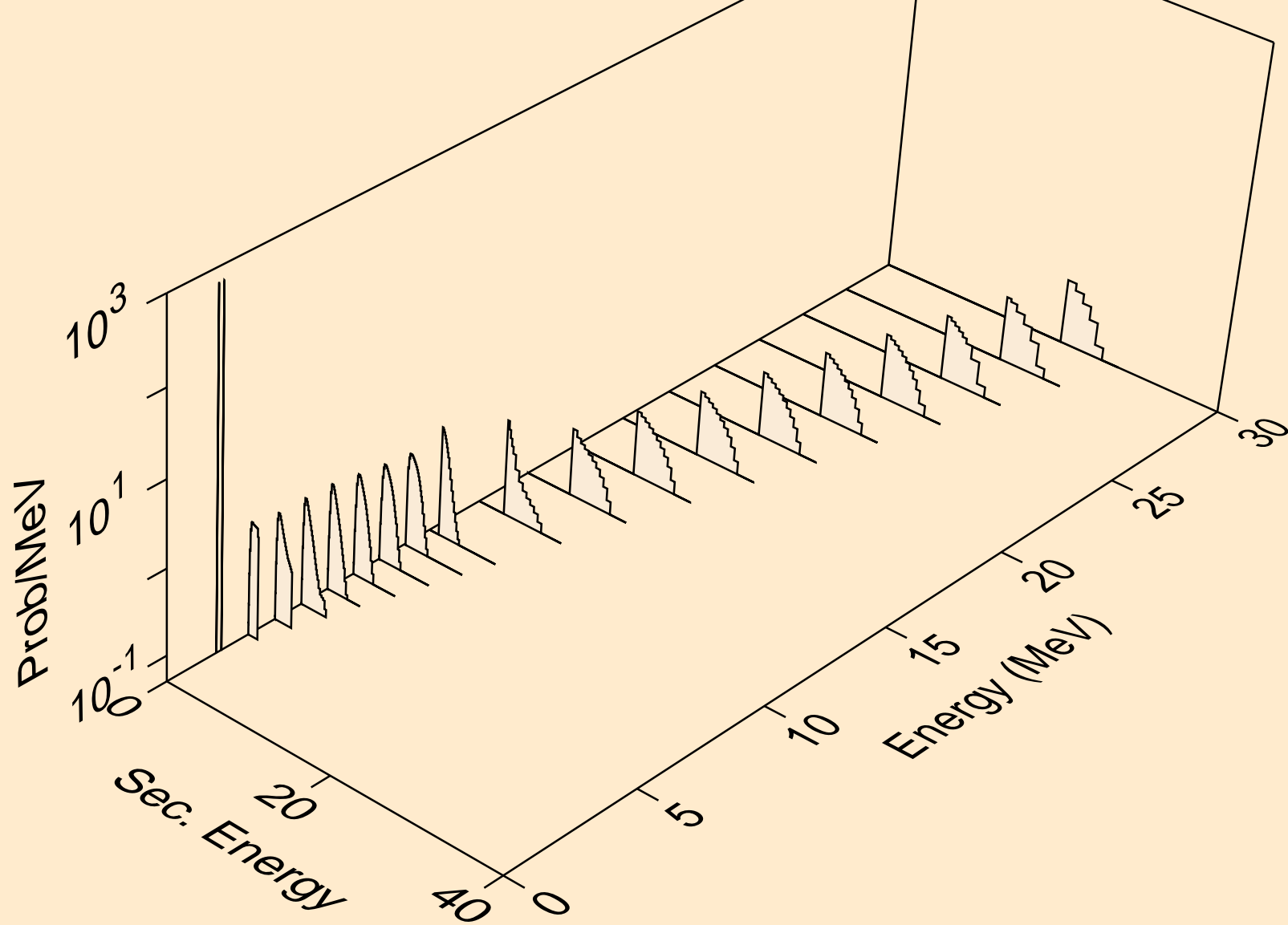
## Recoil Heating



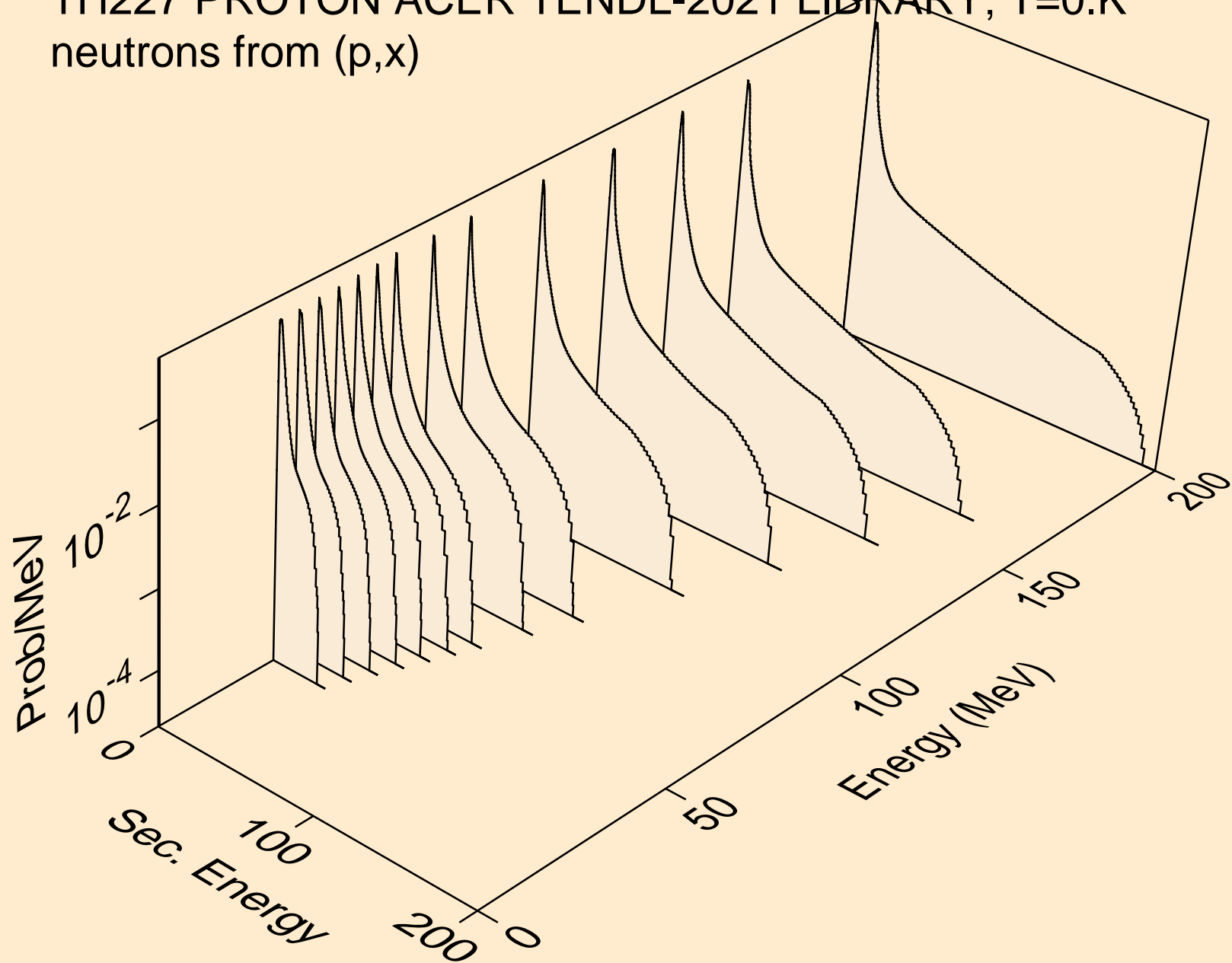
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



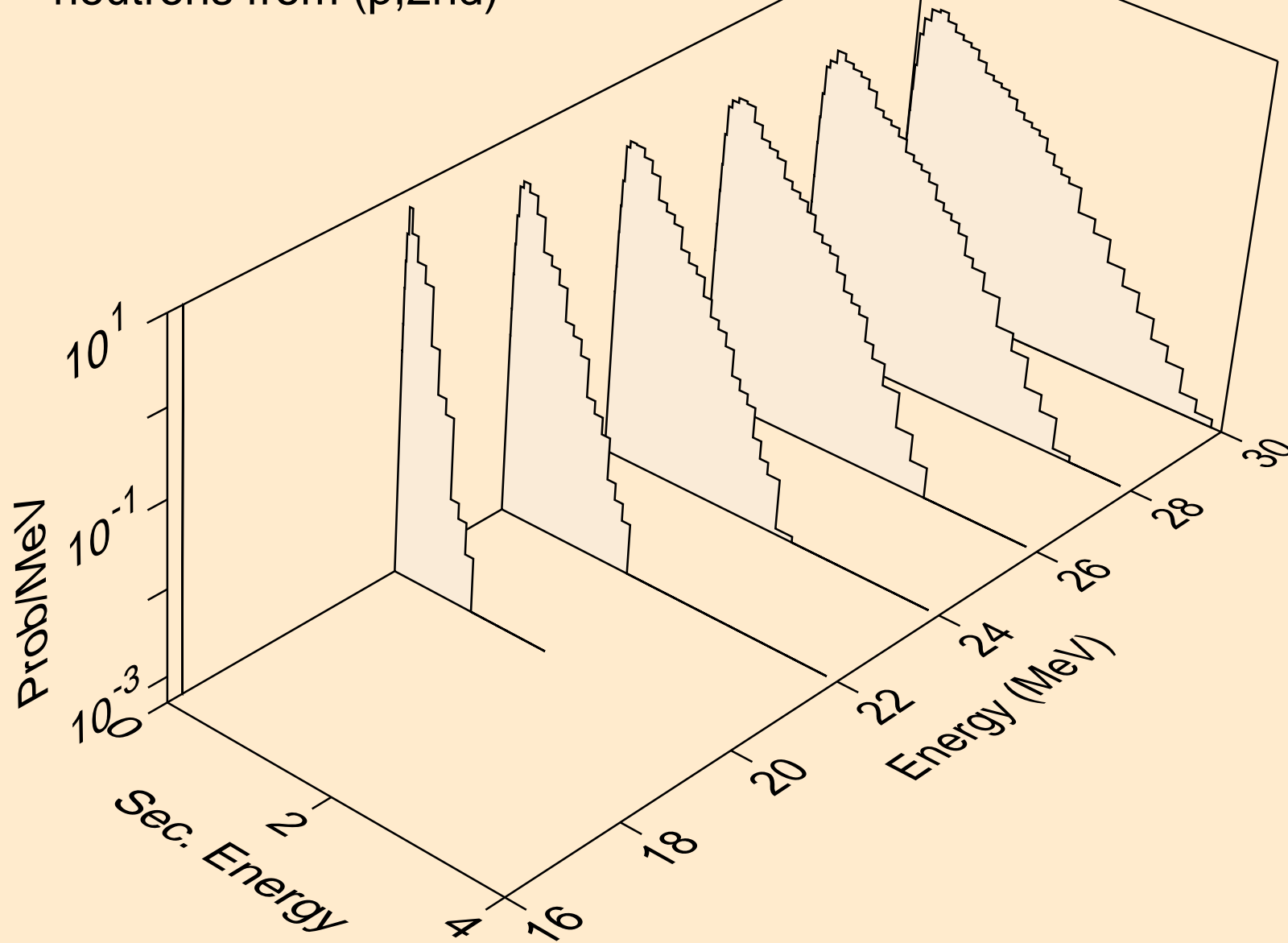
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



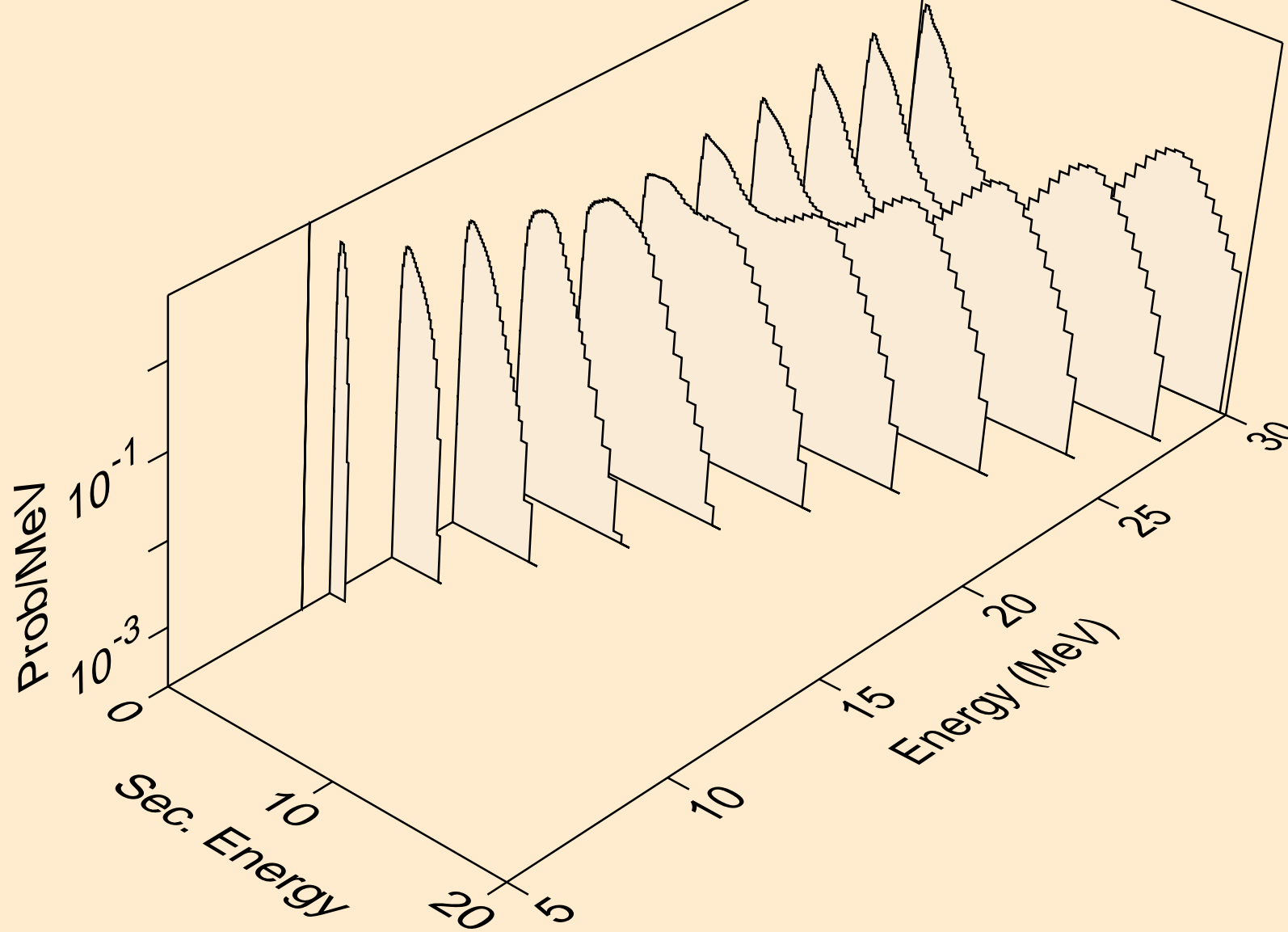
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)

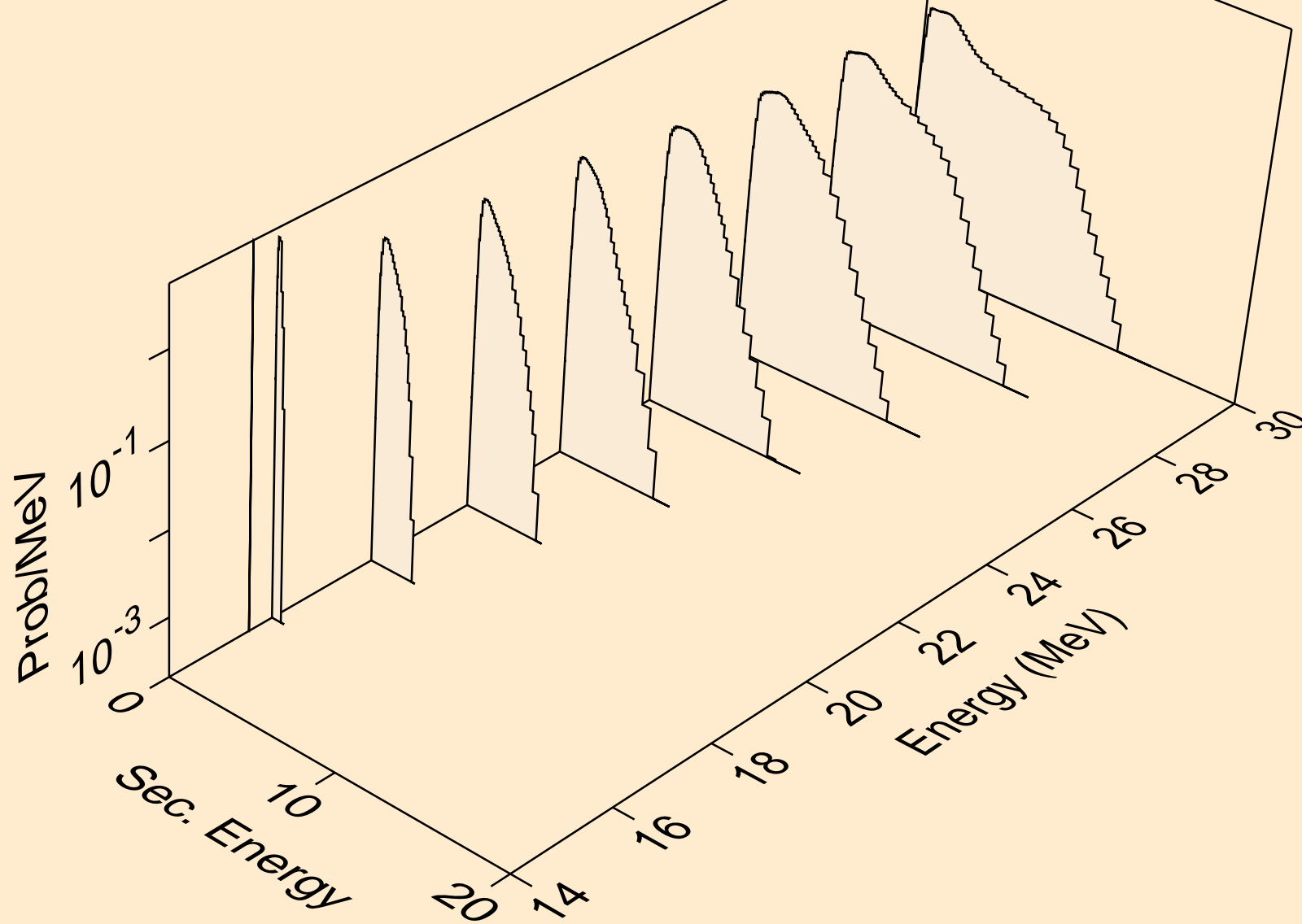


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

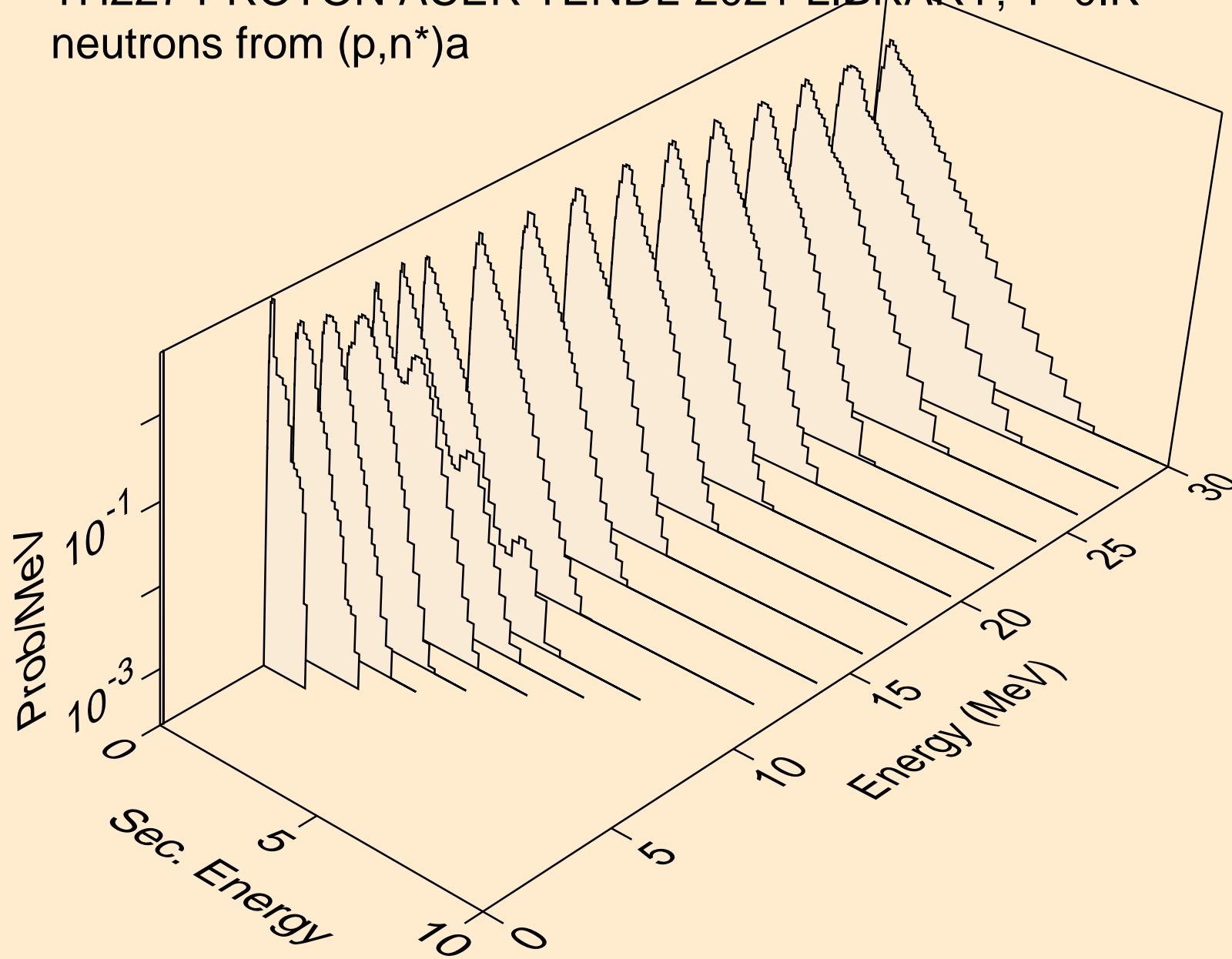




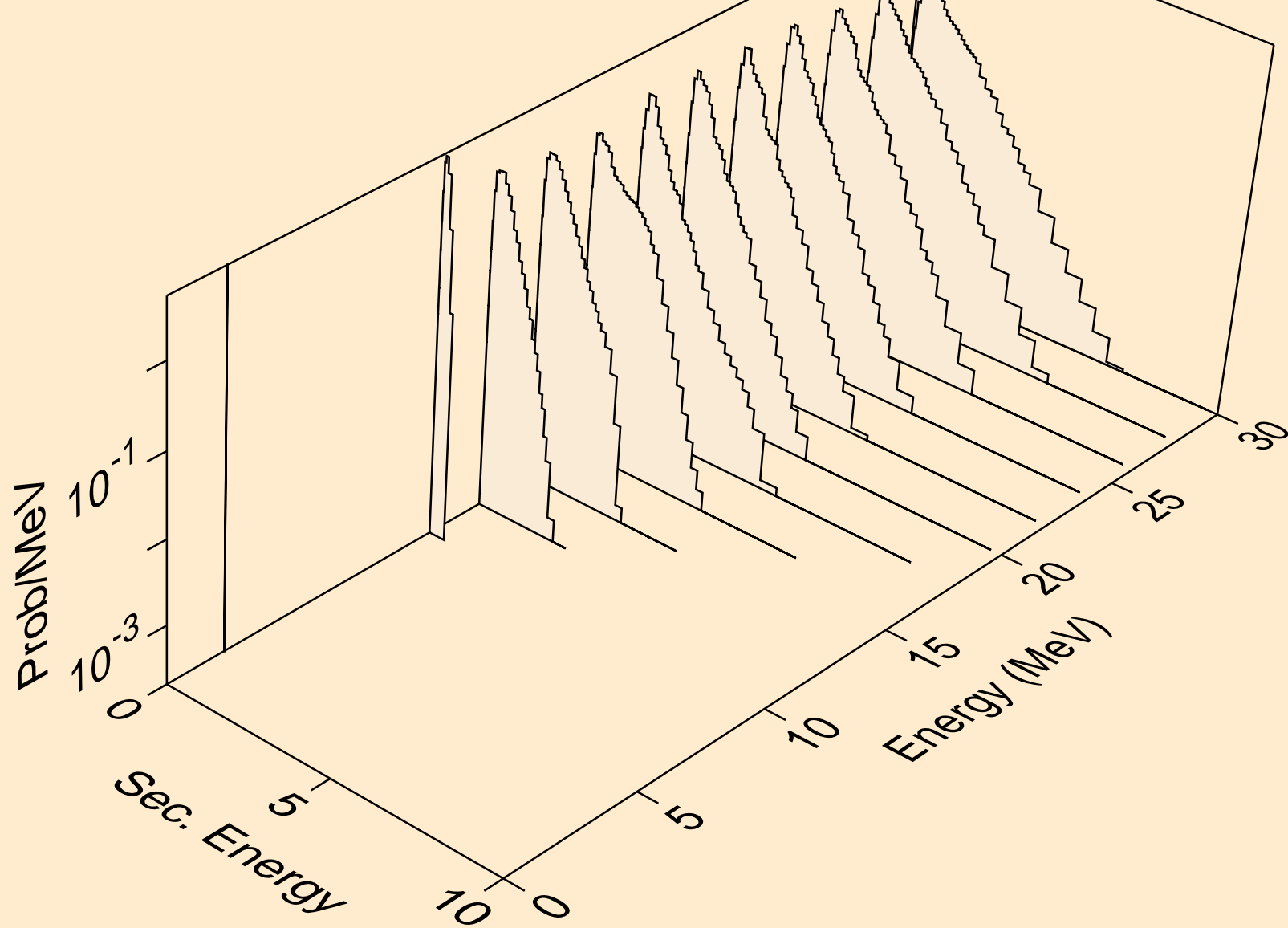
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



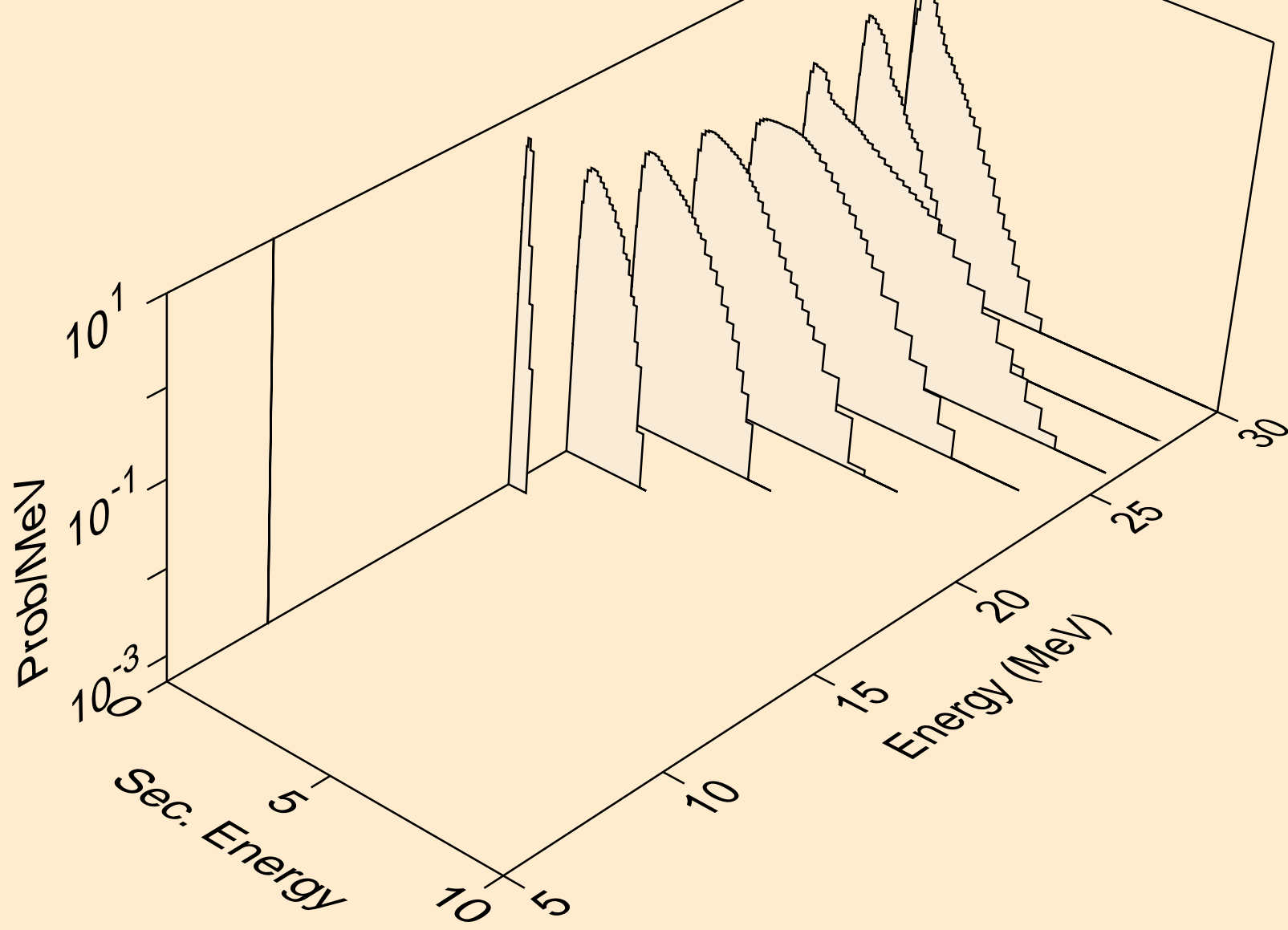
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



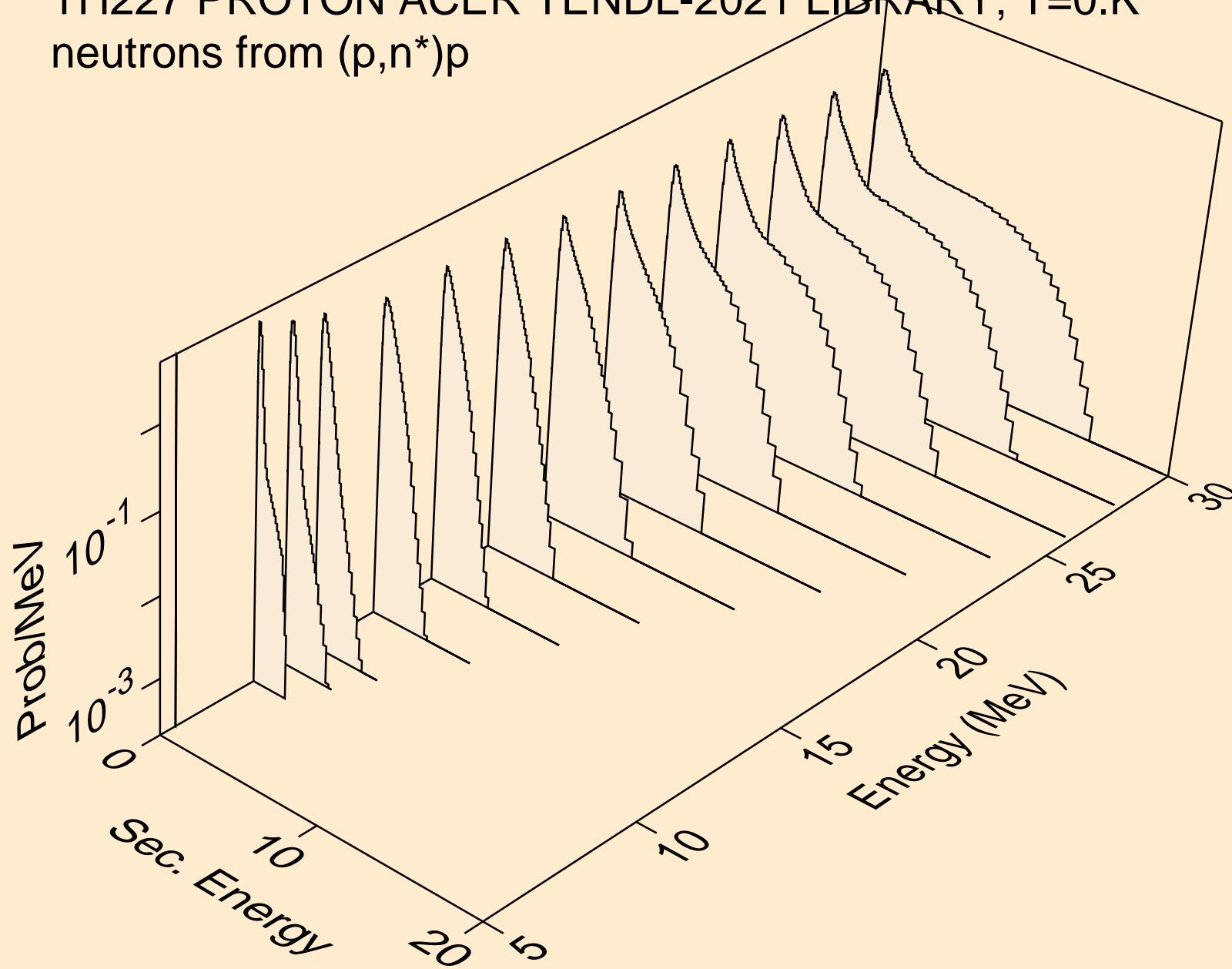
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



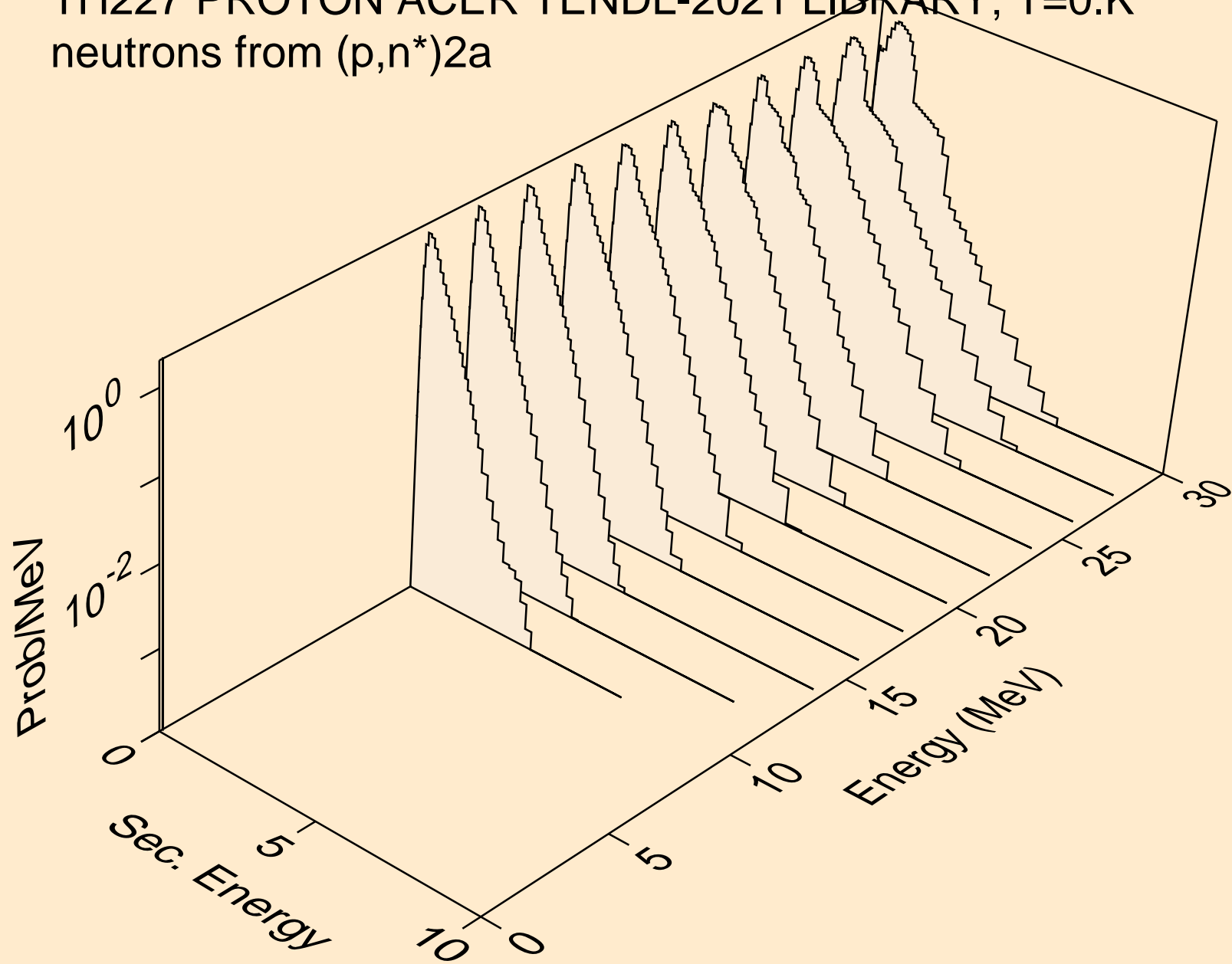
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)a



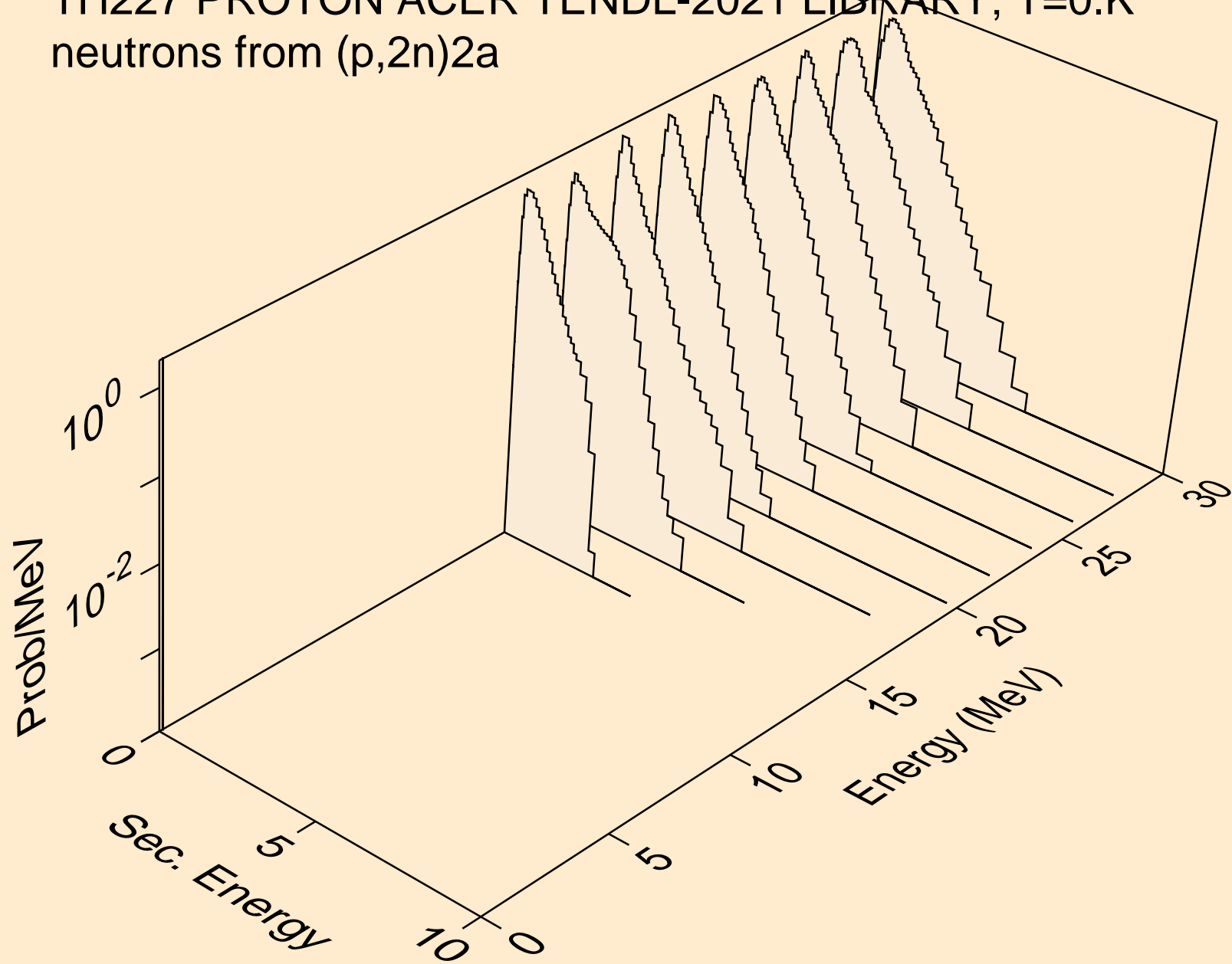
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



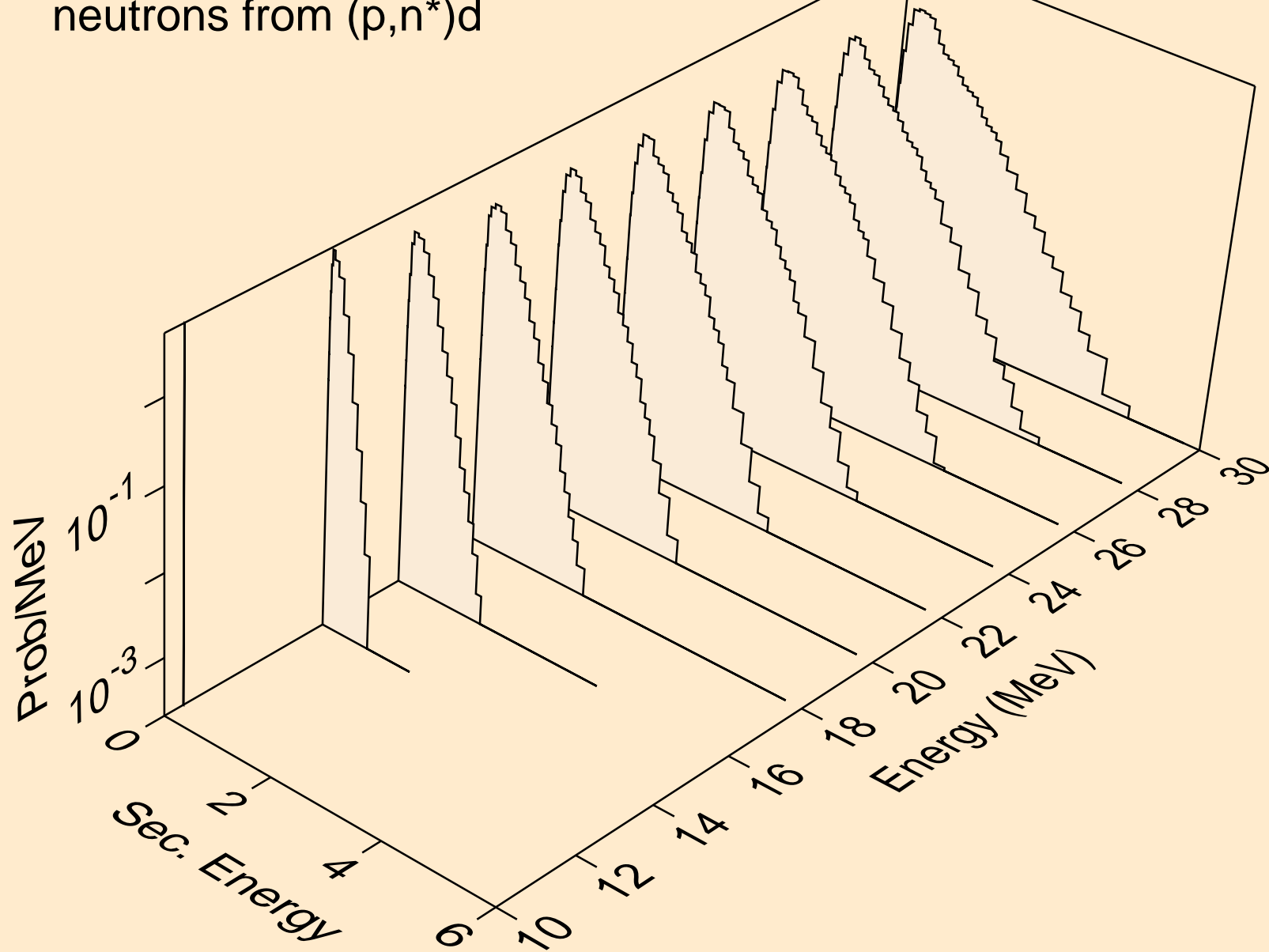
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)2a

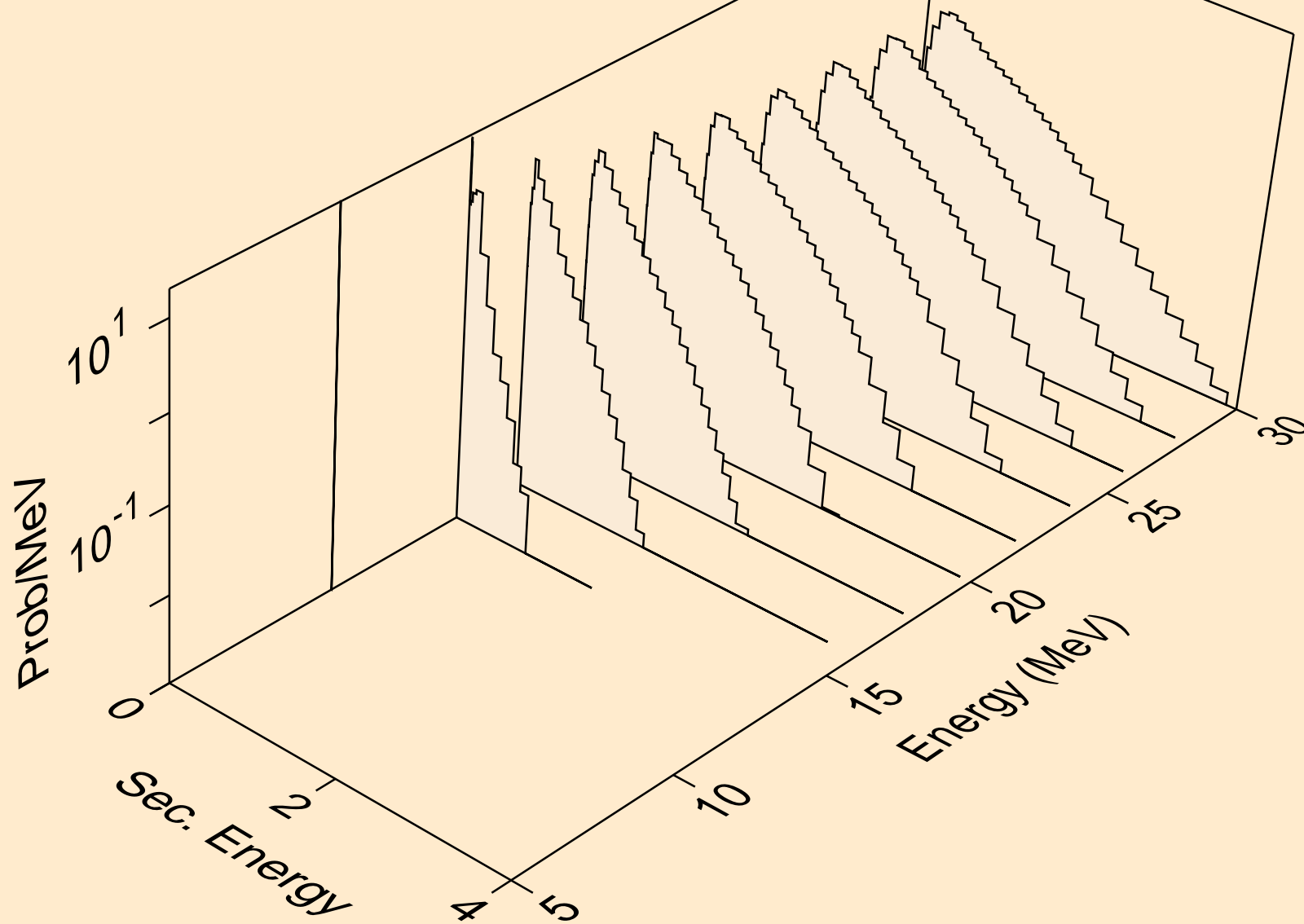


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d

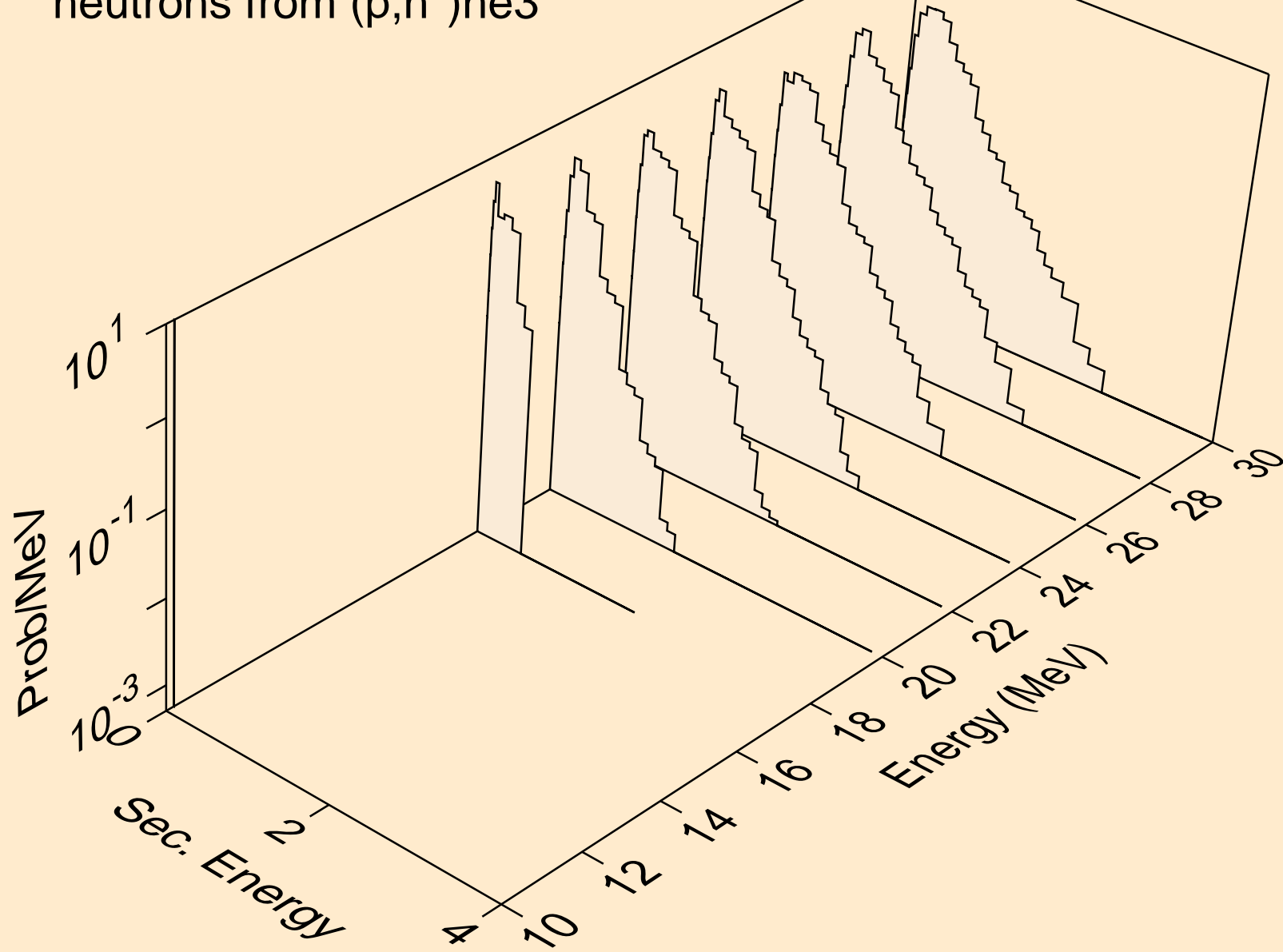




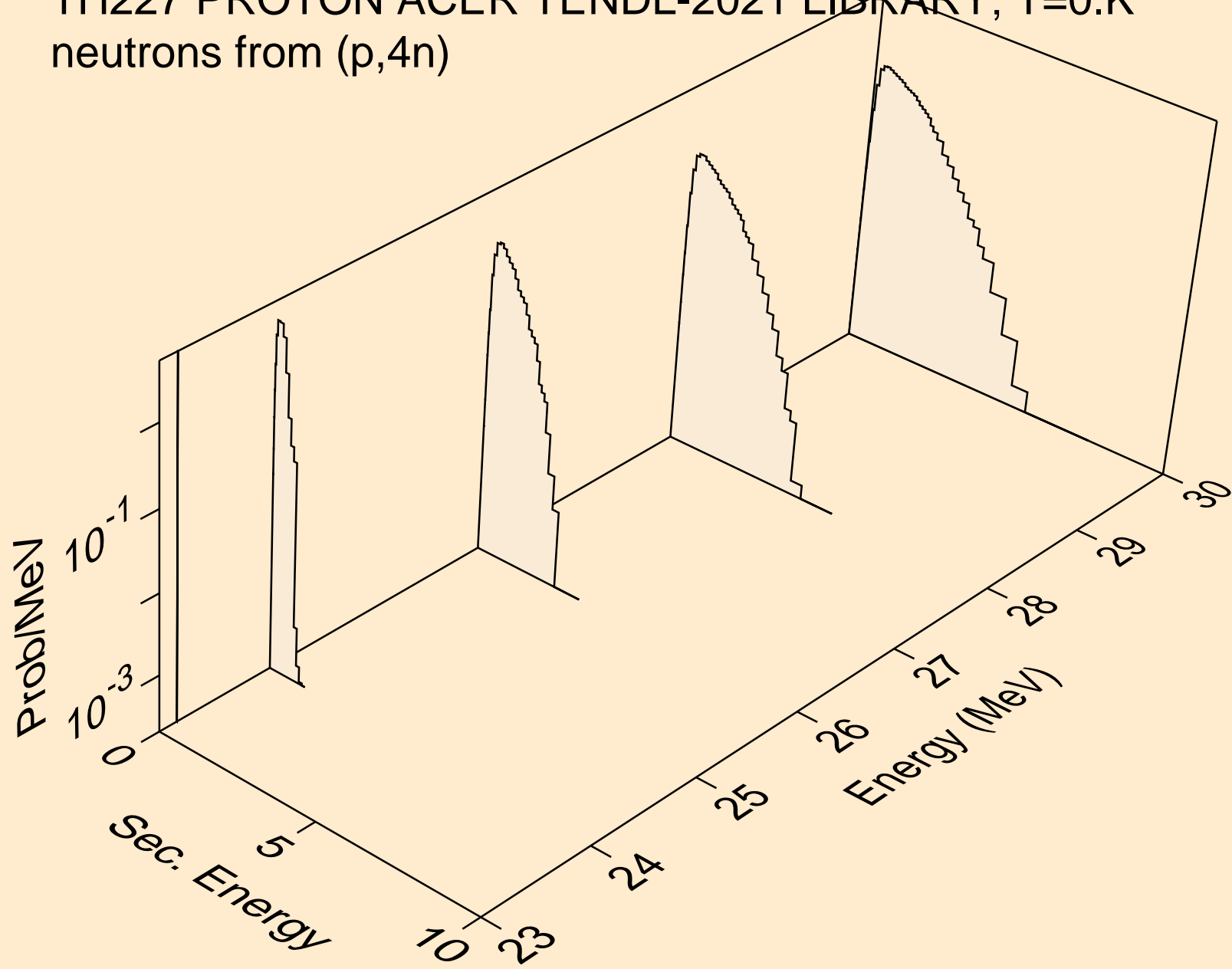
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



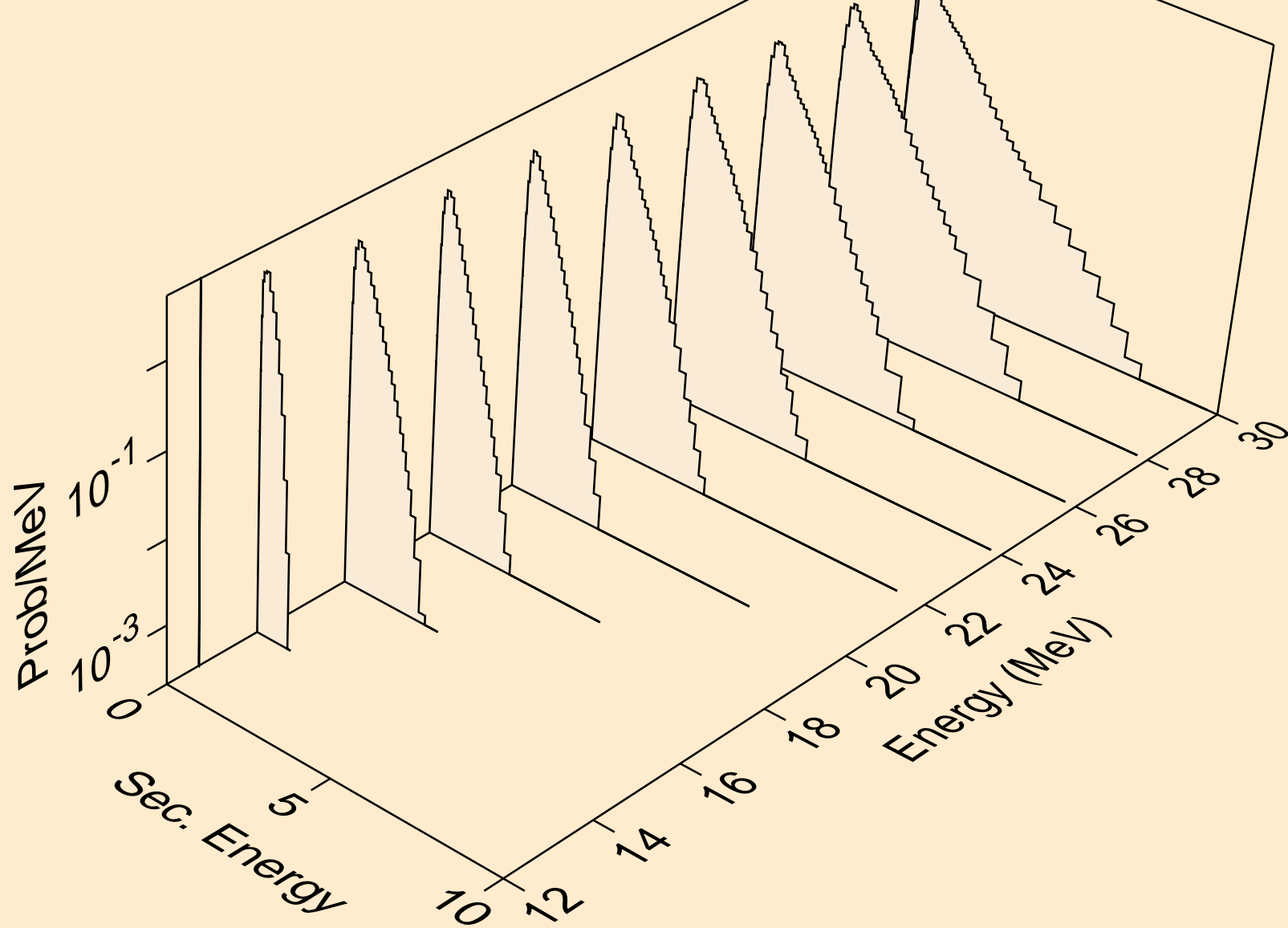
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



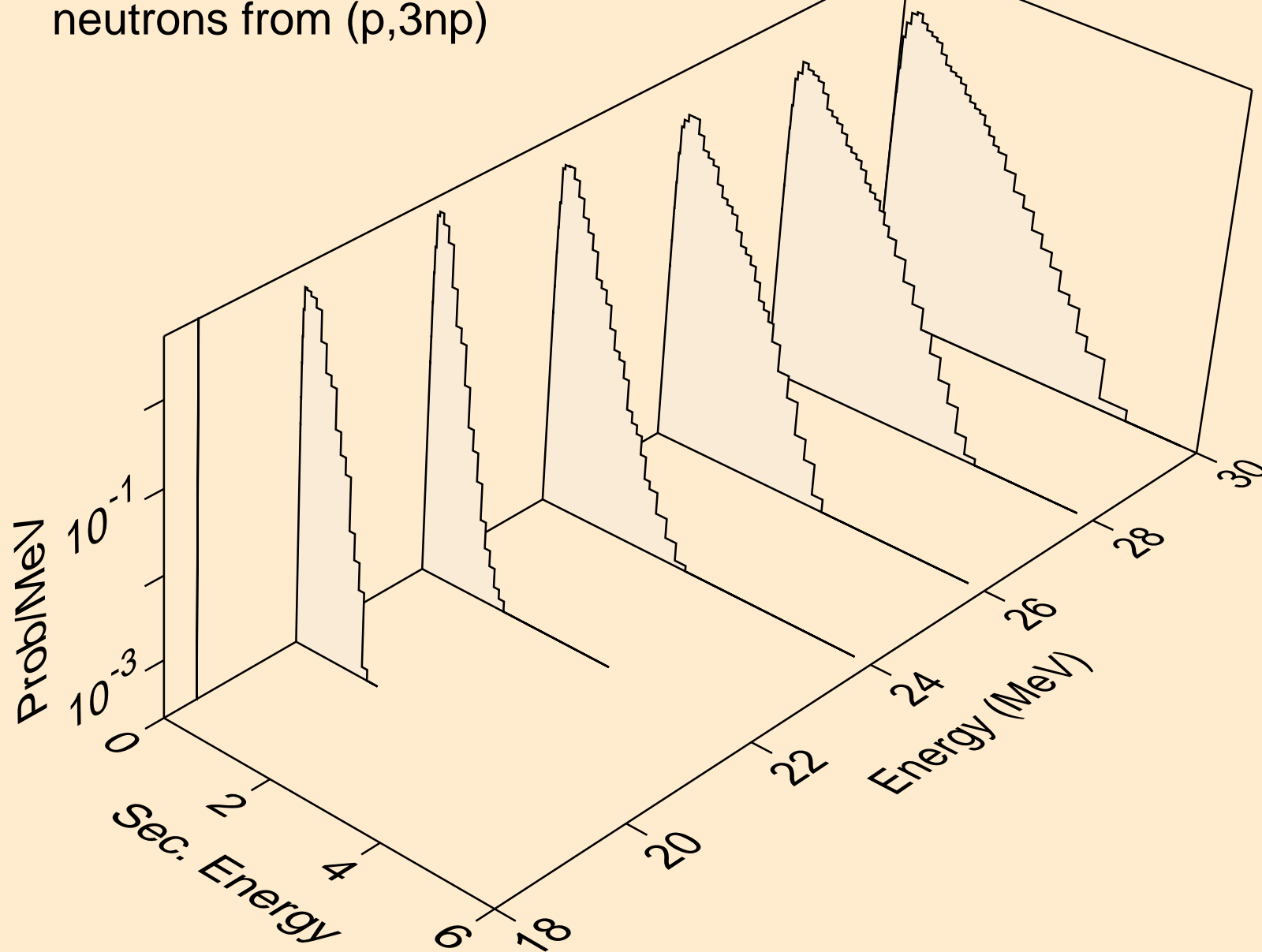
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,4n)



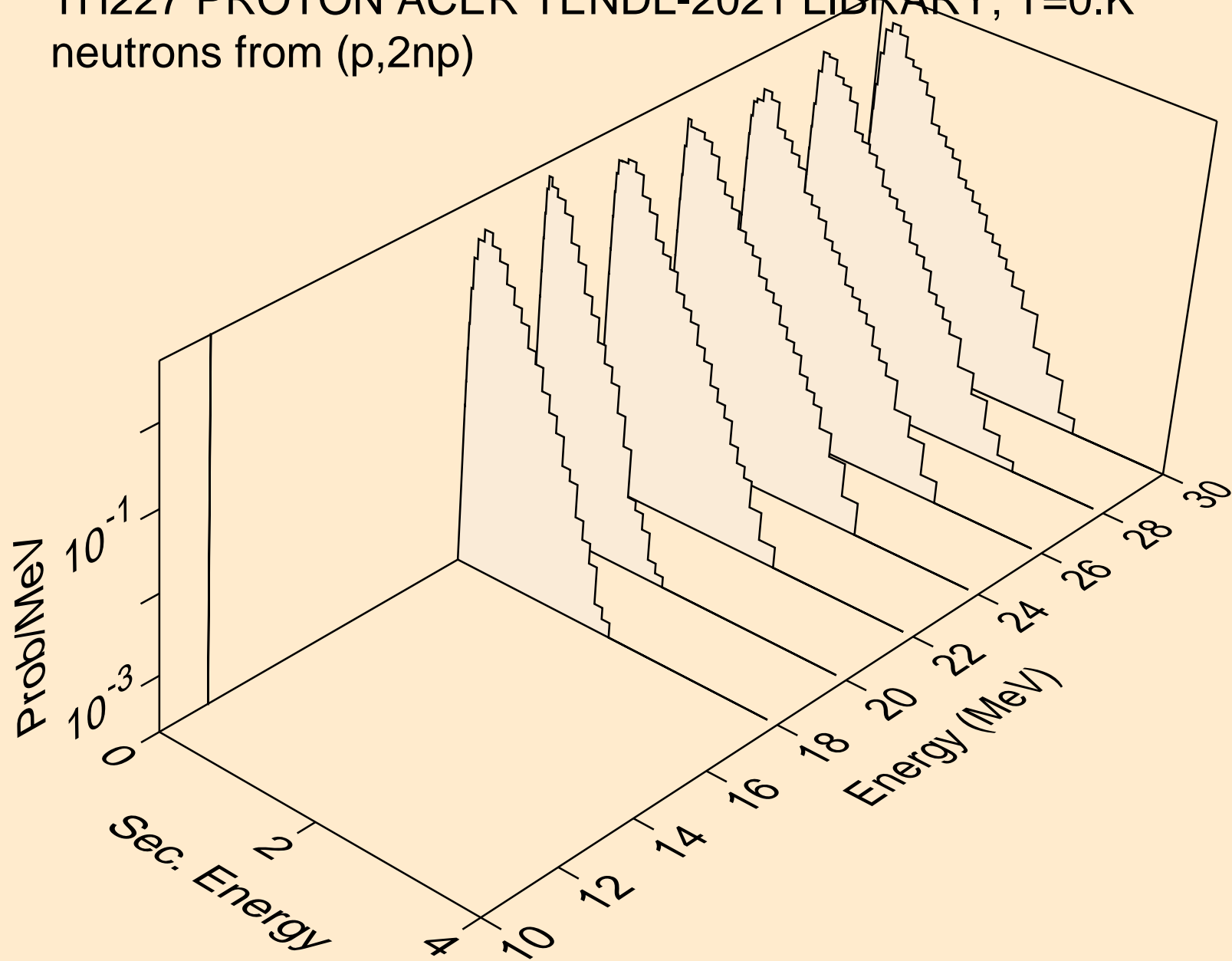
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



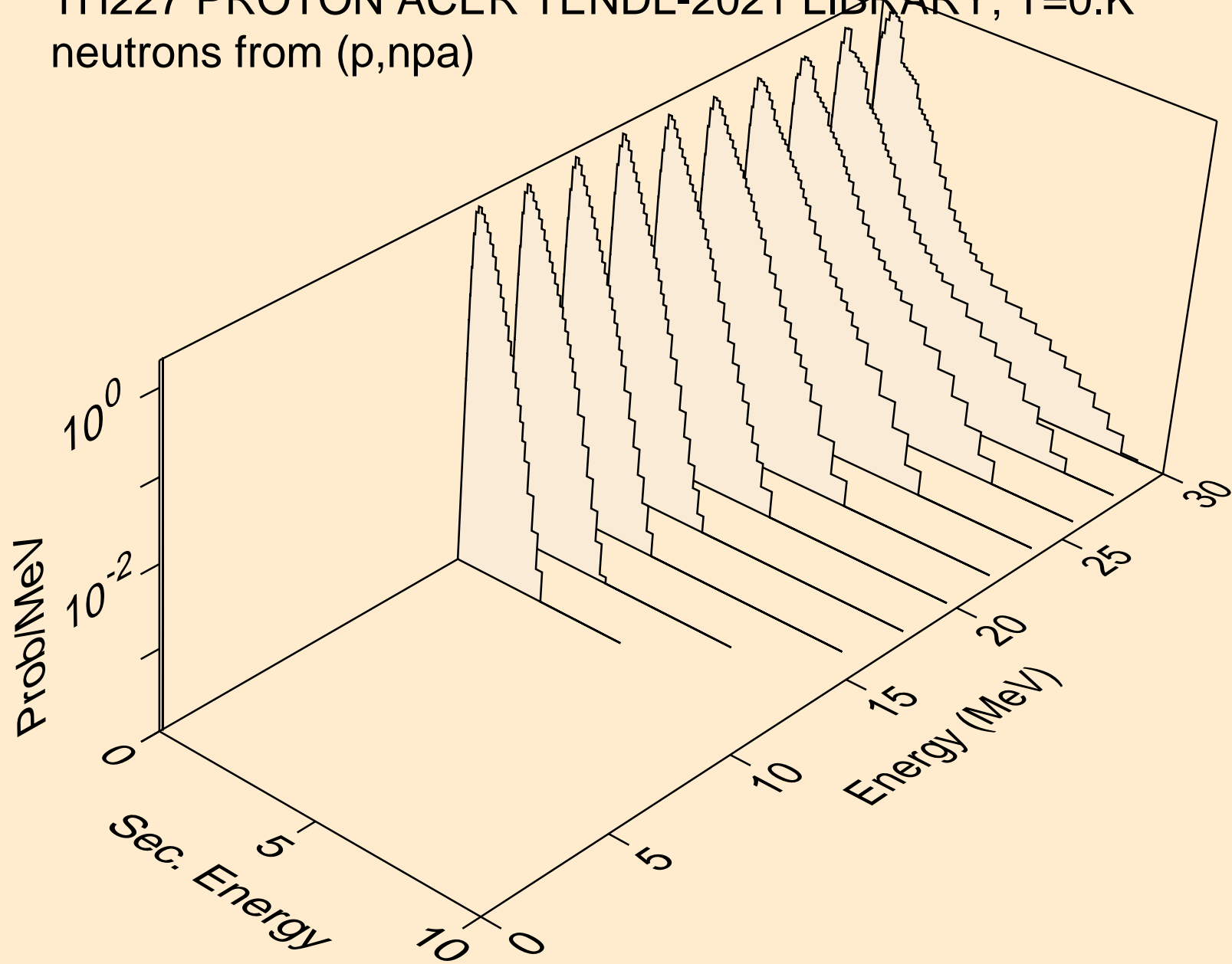
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)



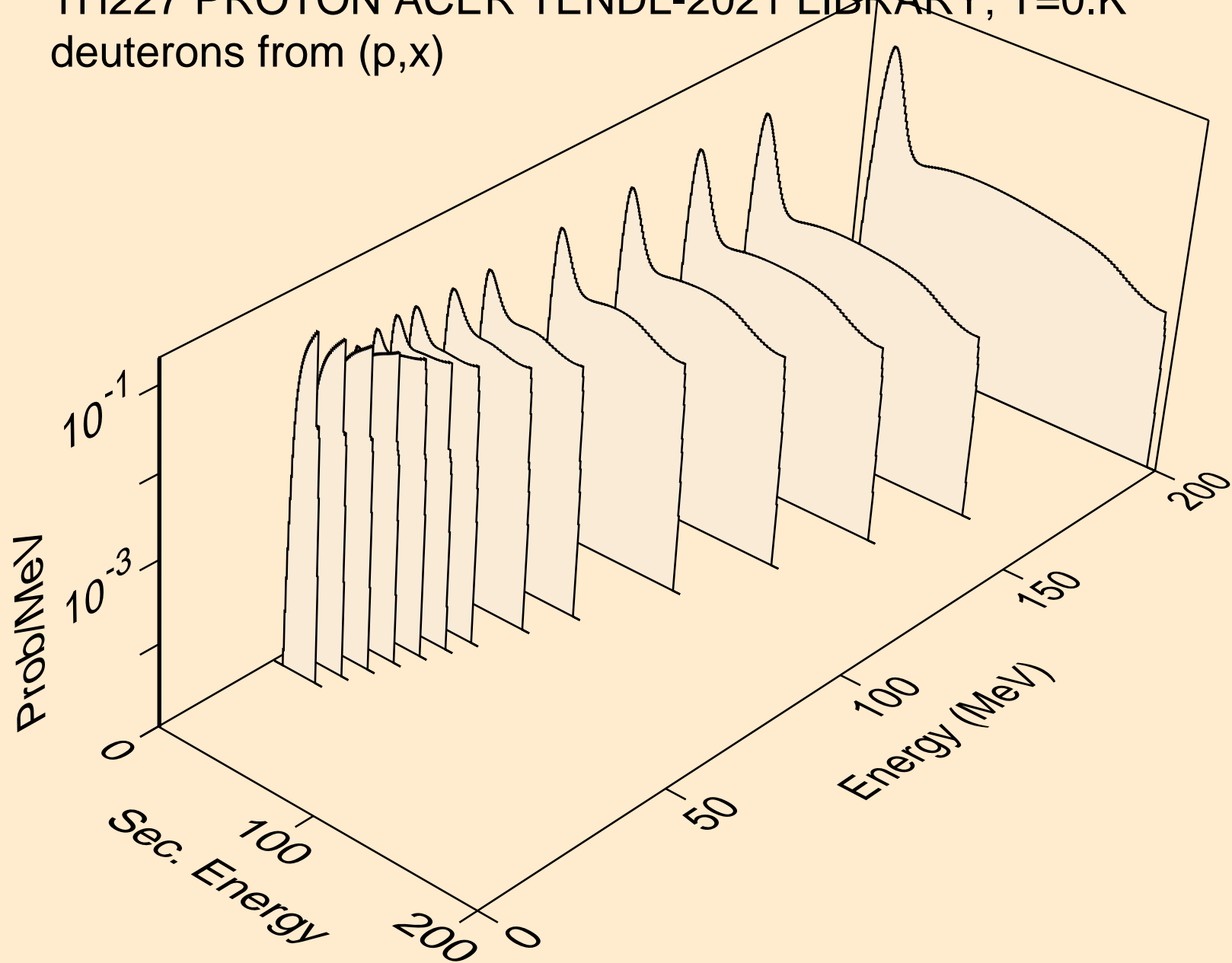
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)

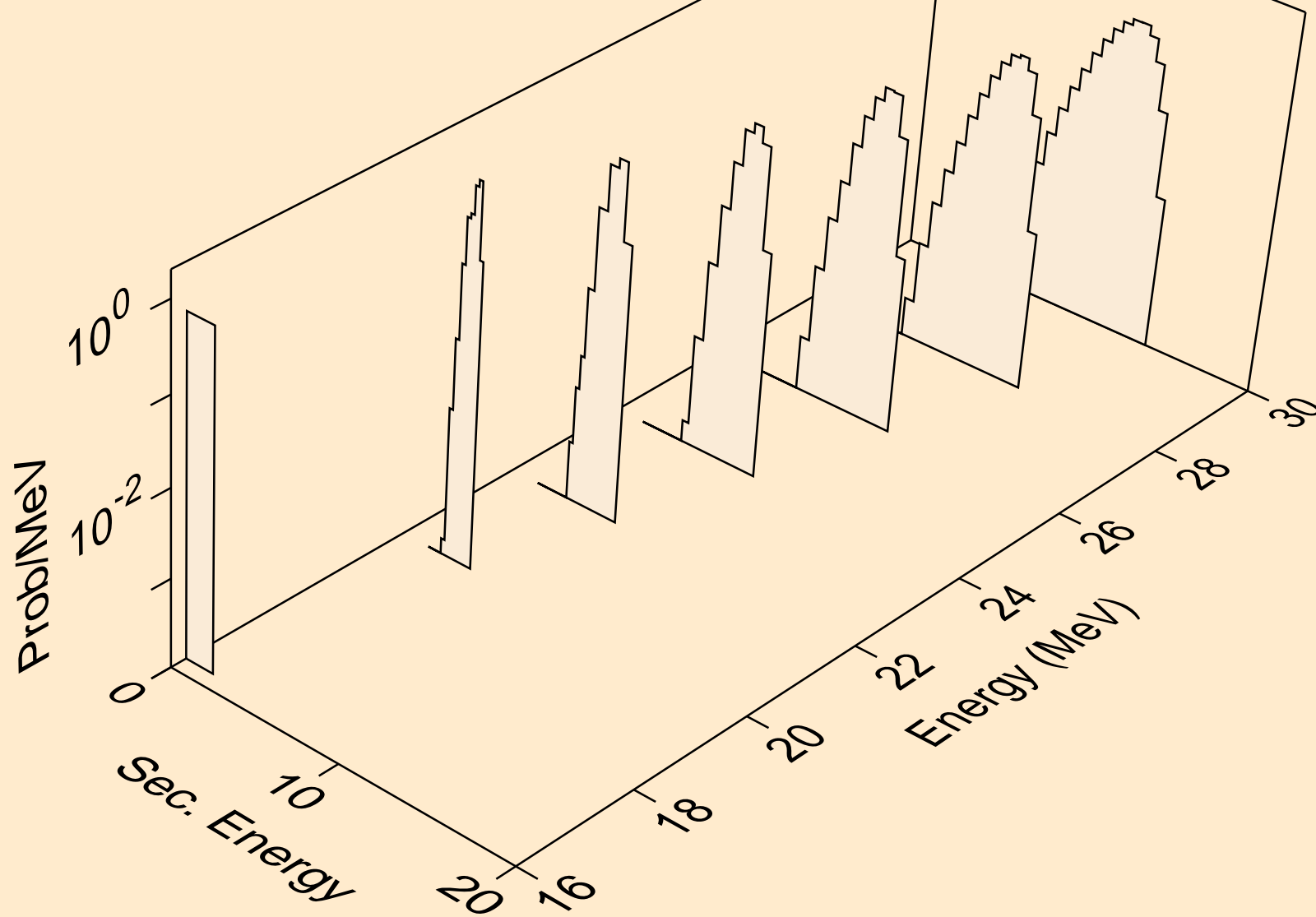


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)

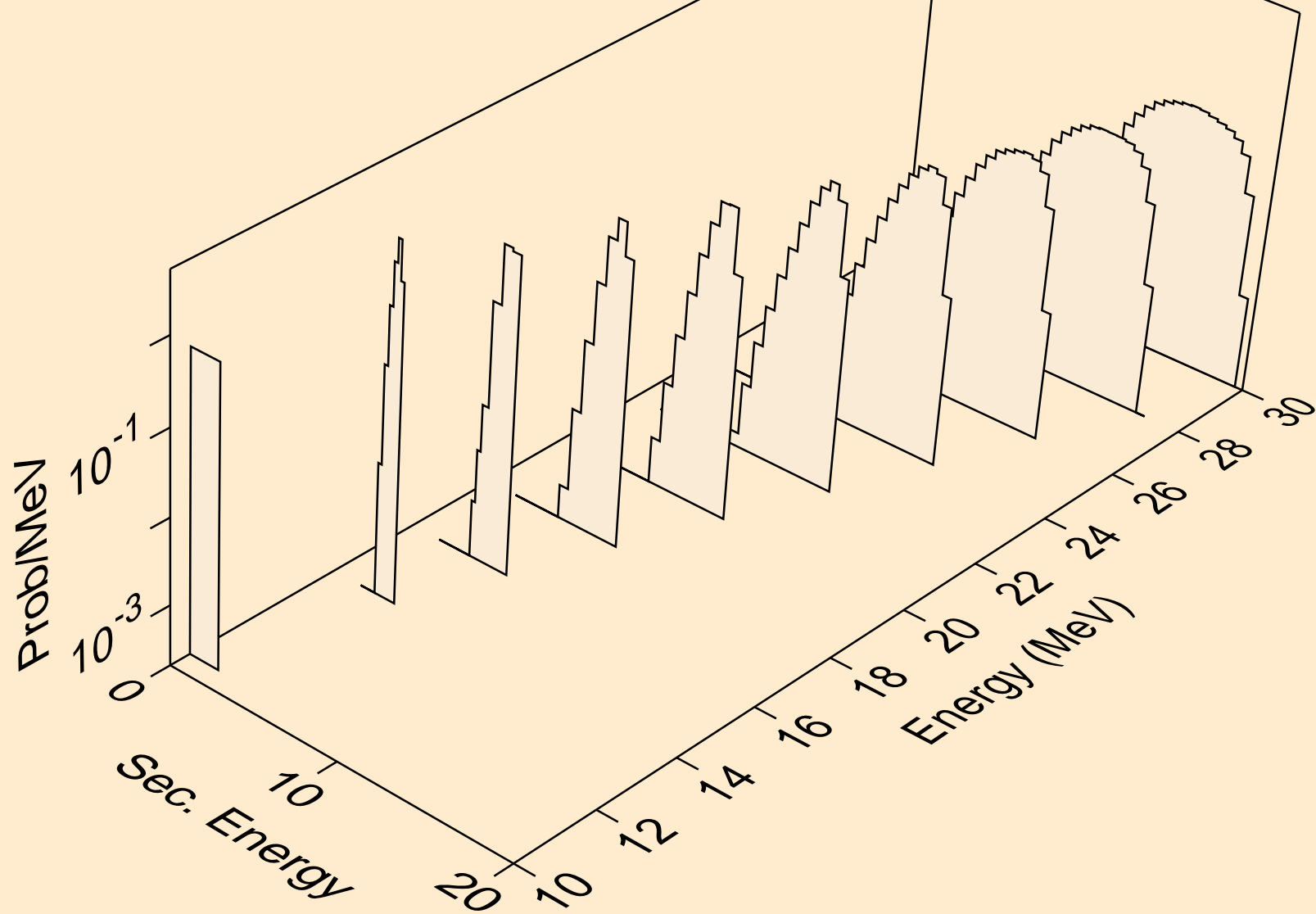




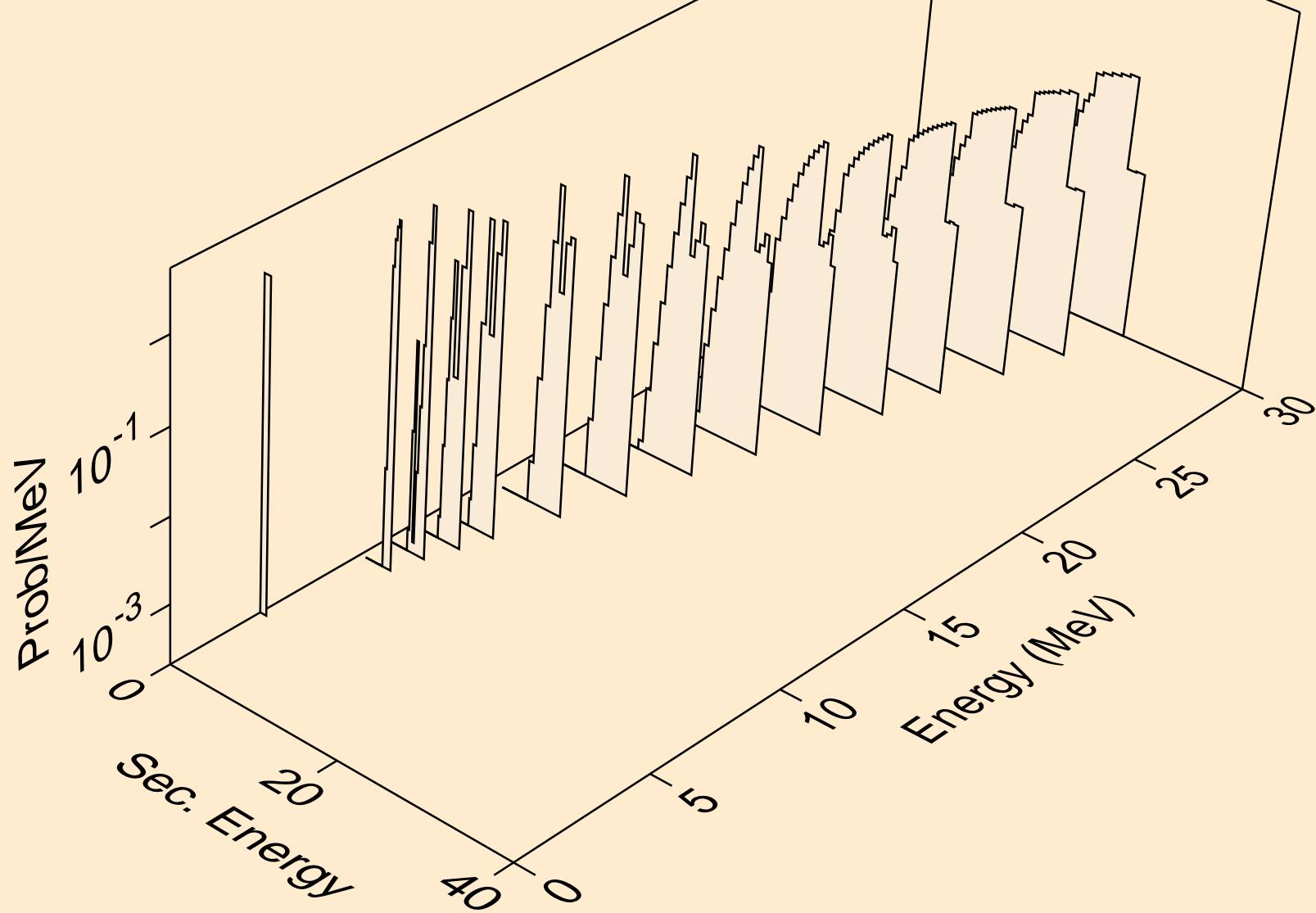
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)



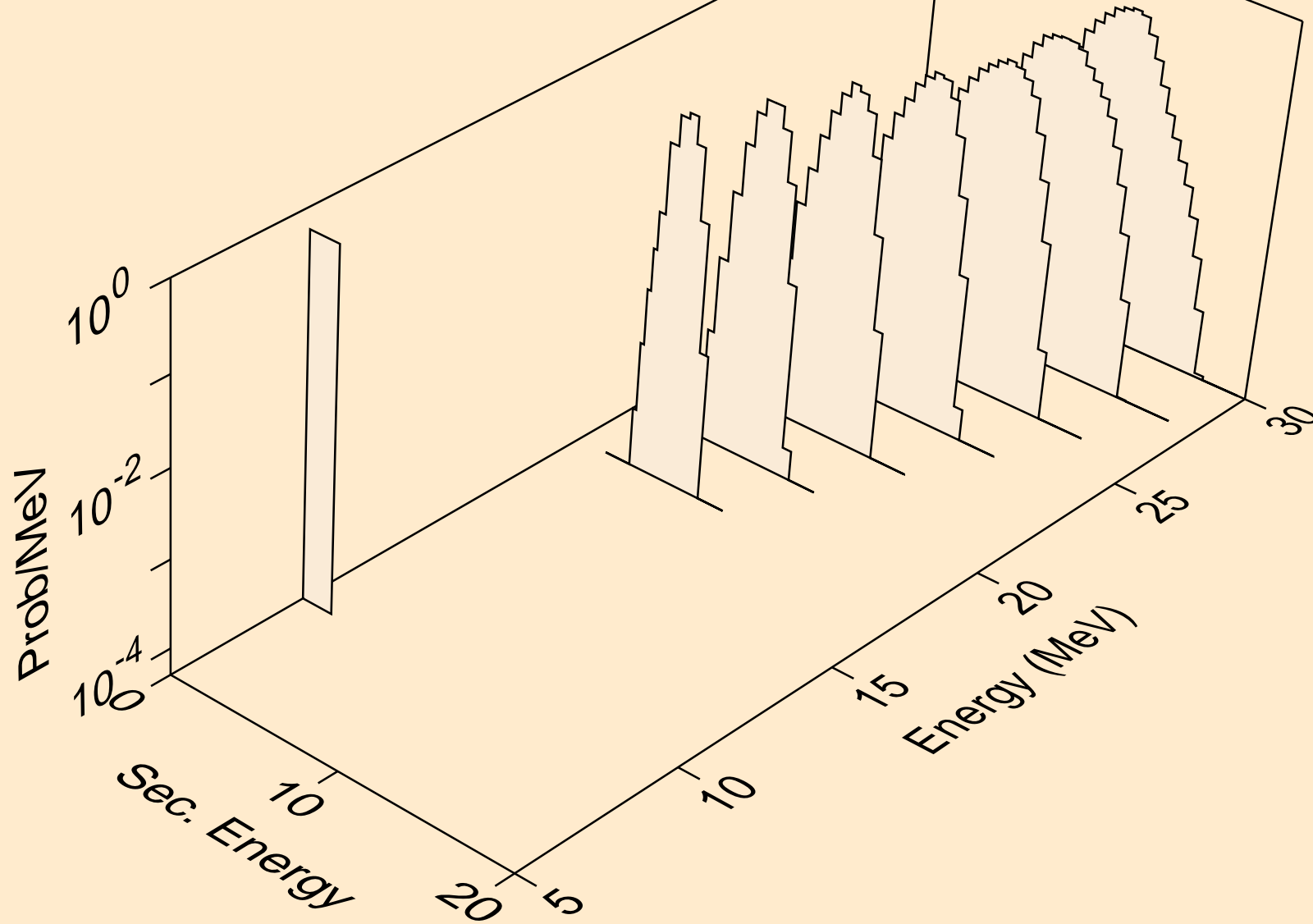
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



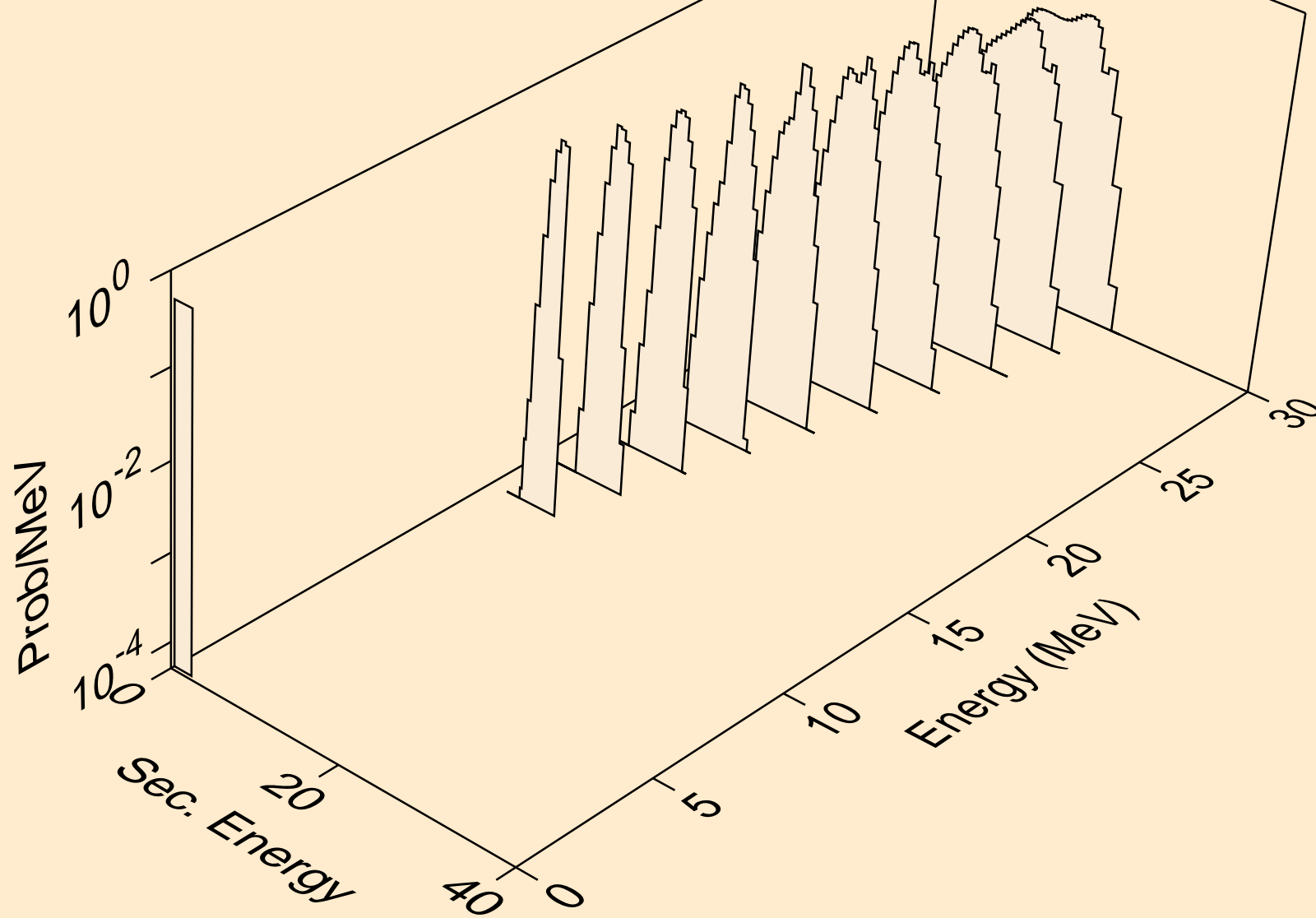
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



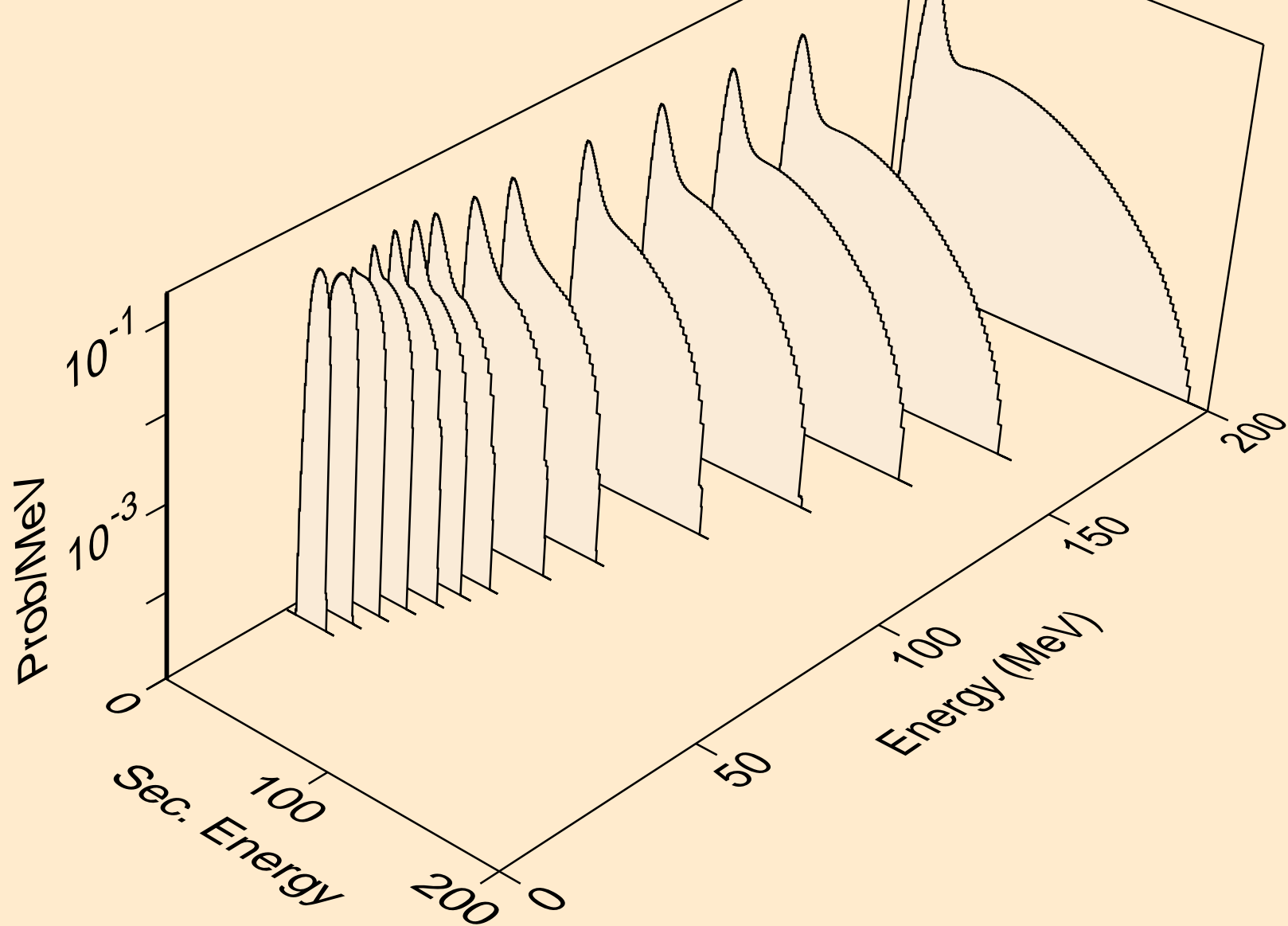
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)



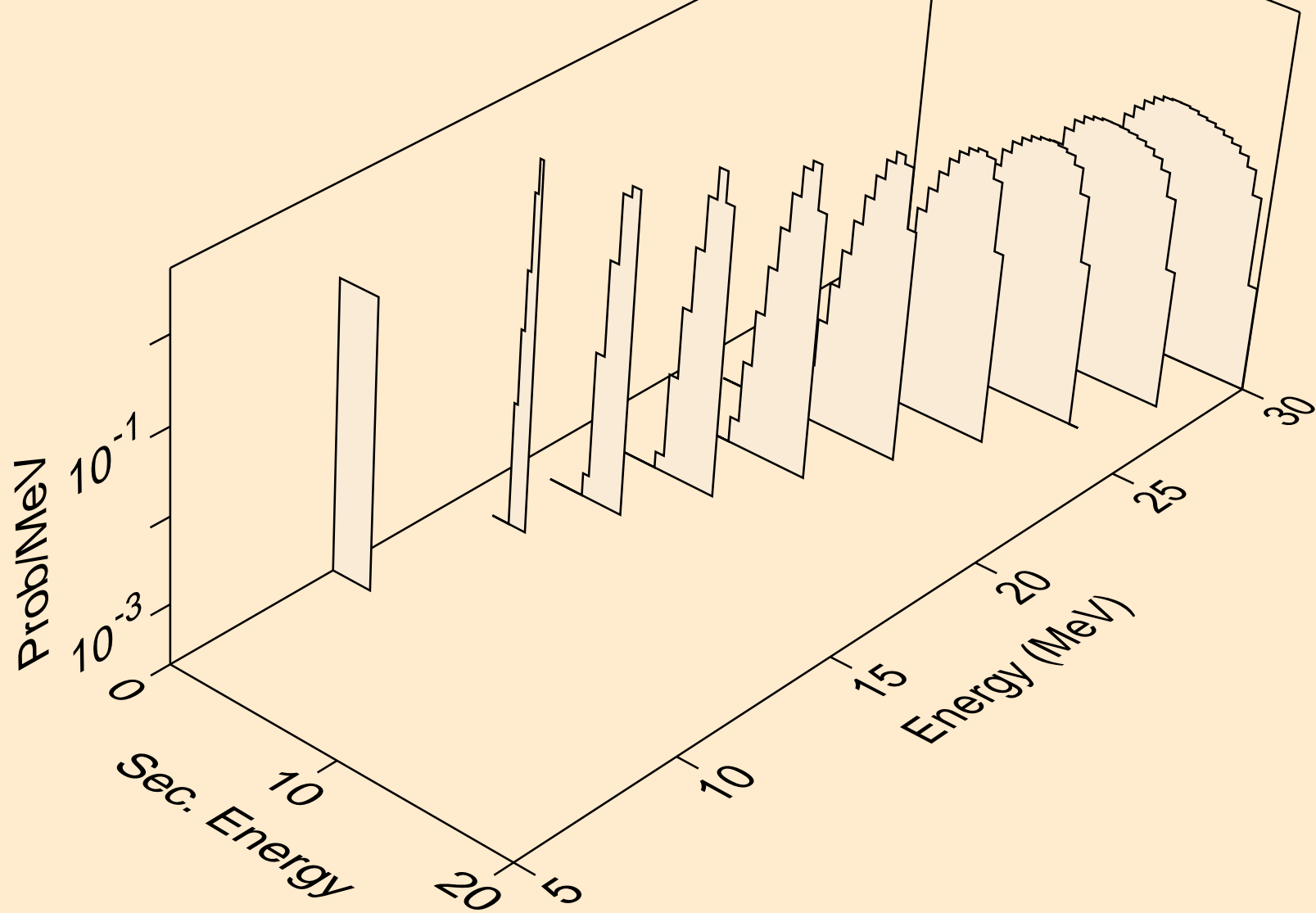
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)



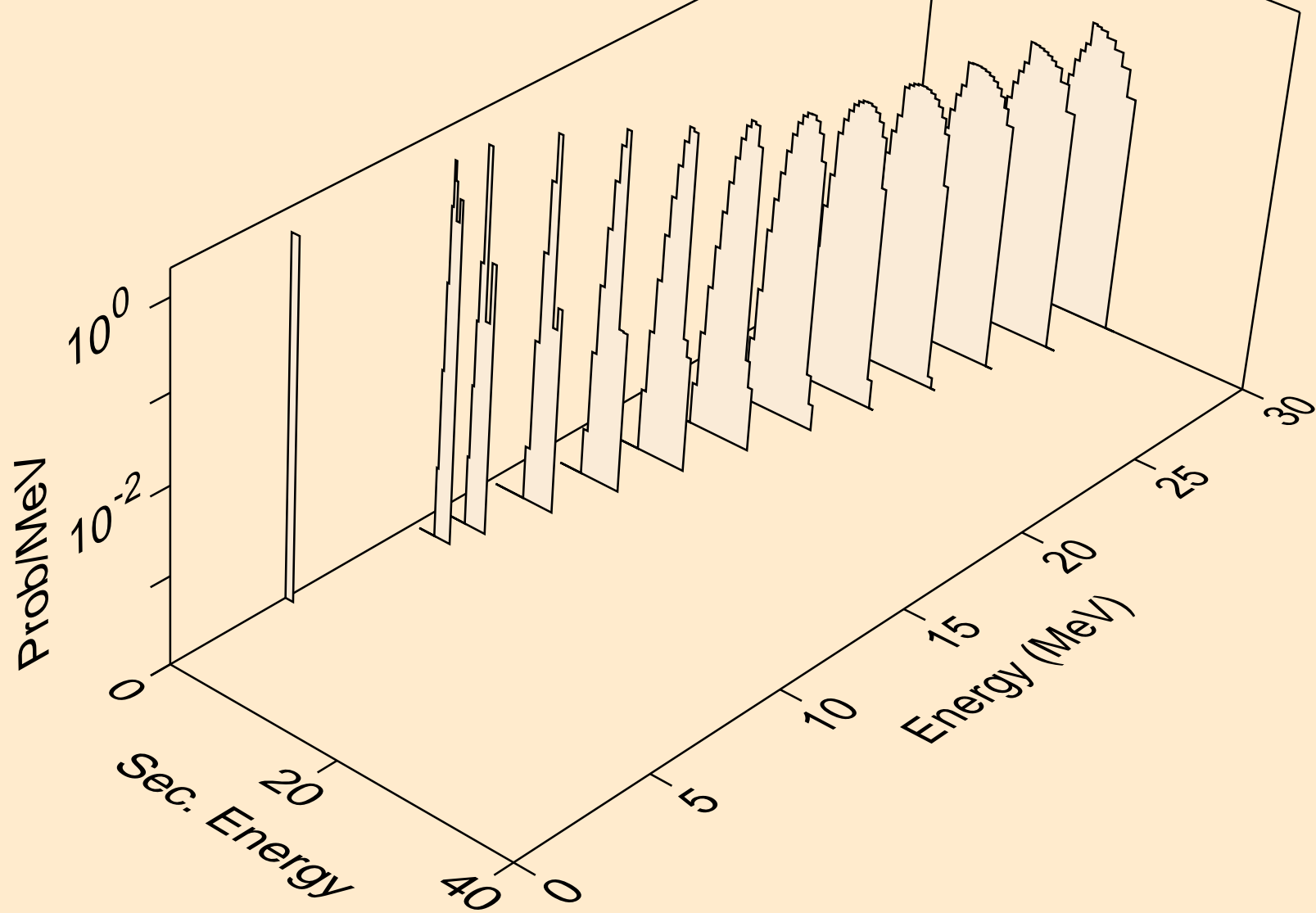
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t

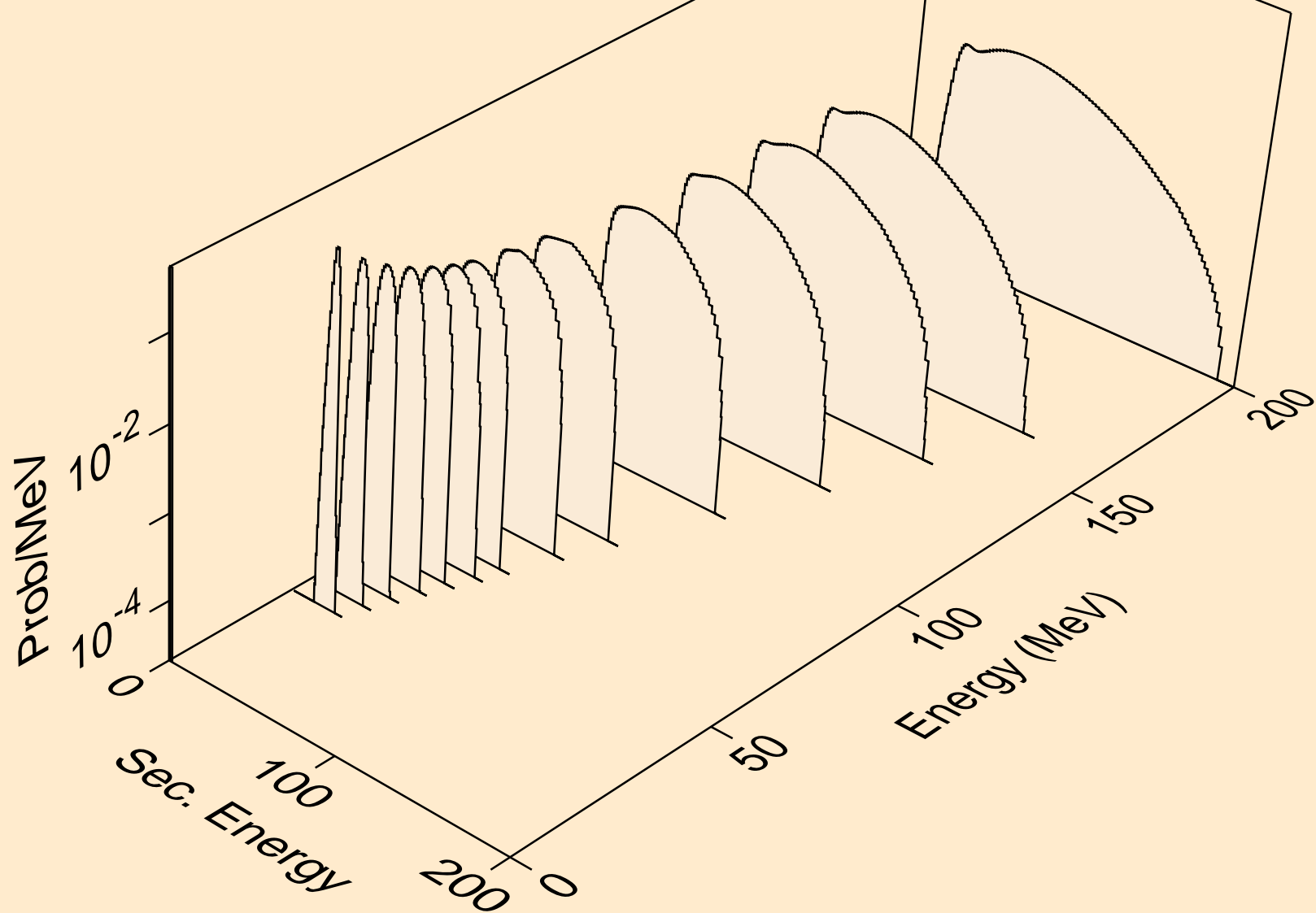


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)

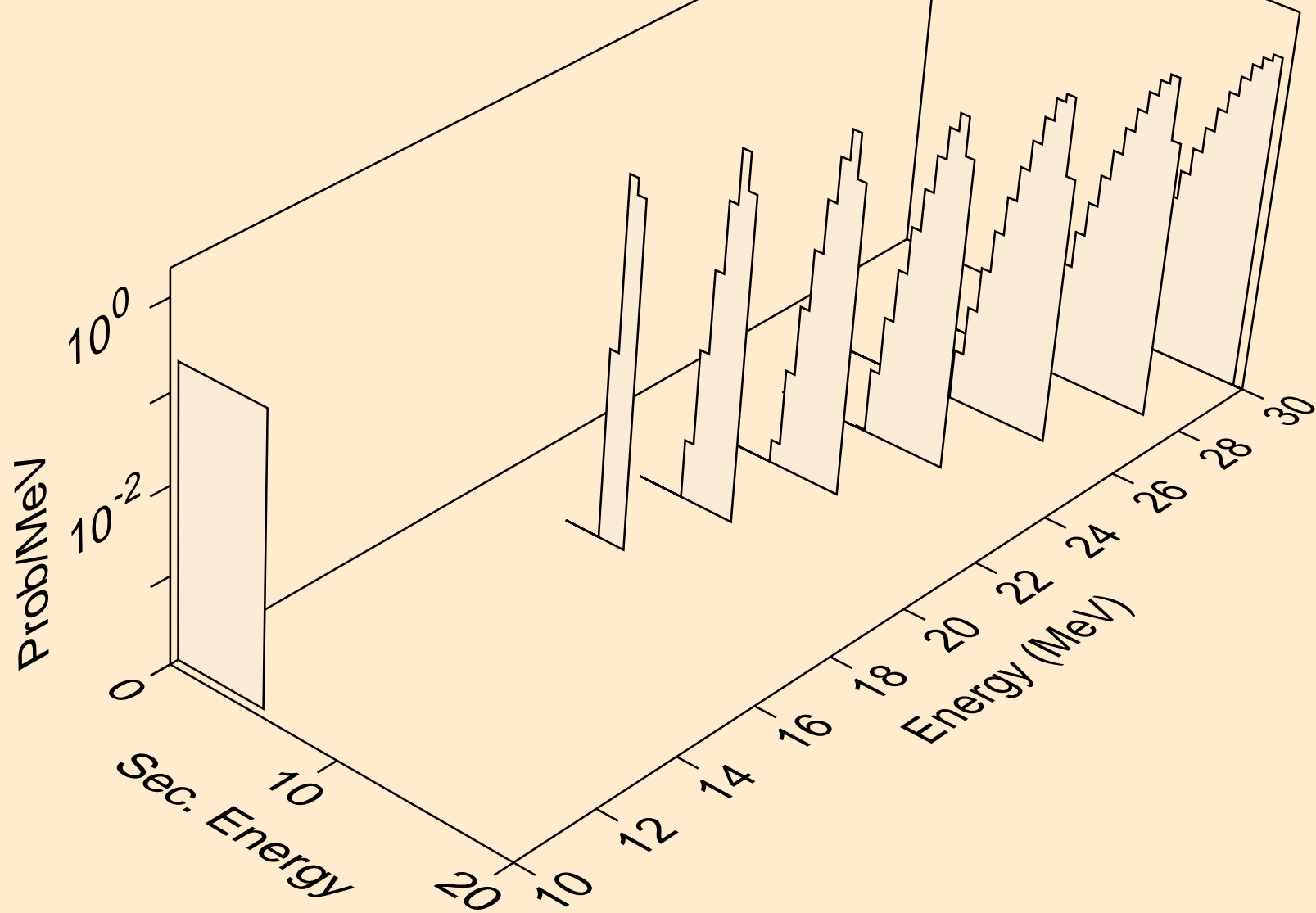




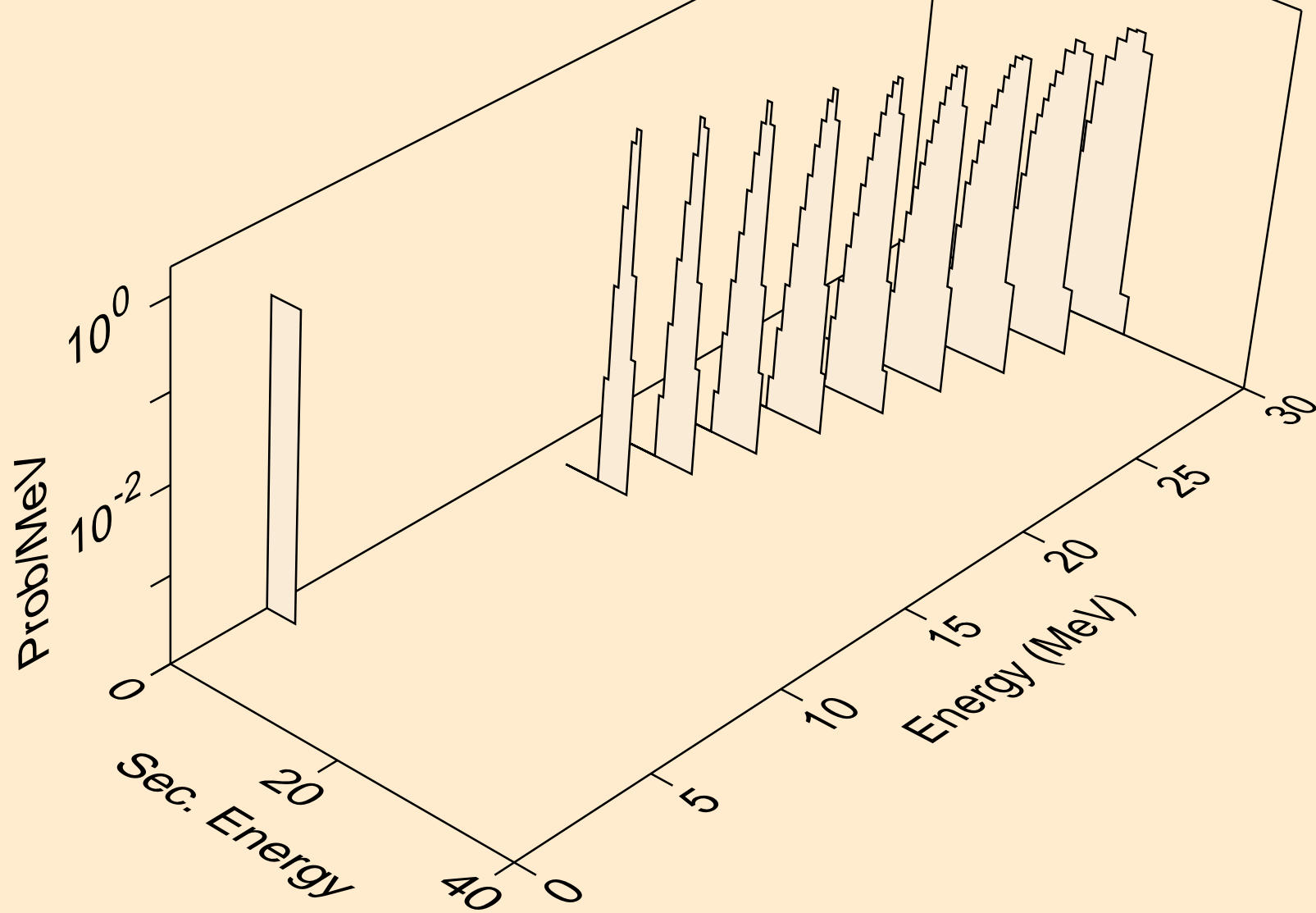
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



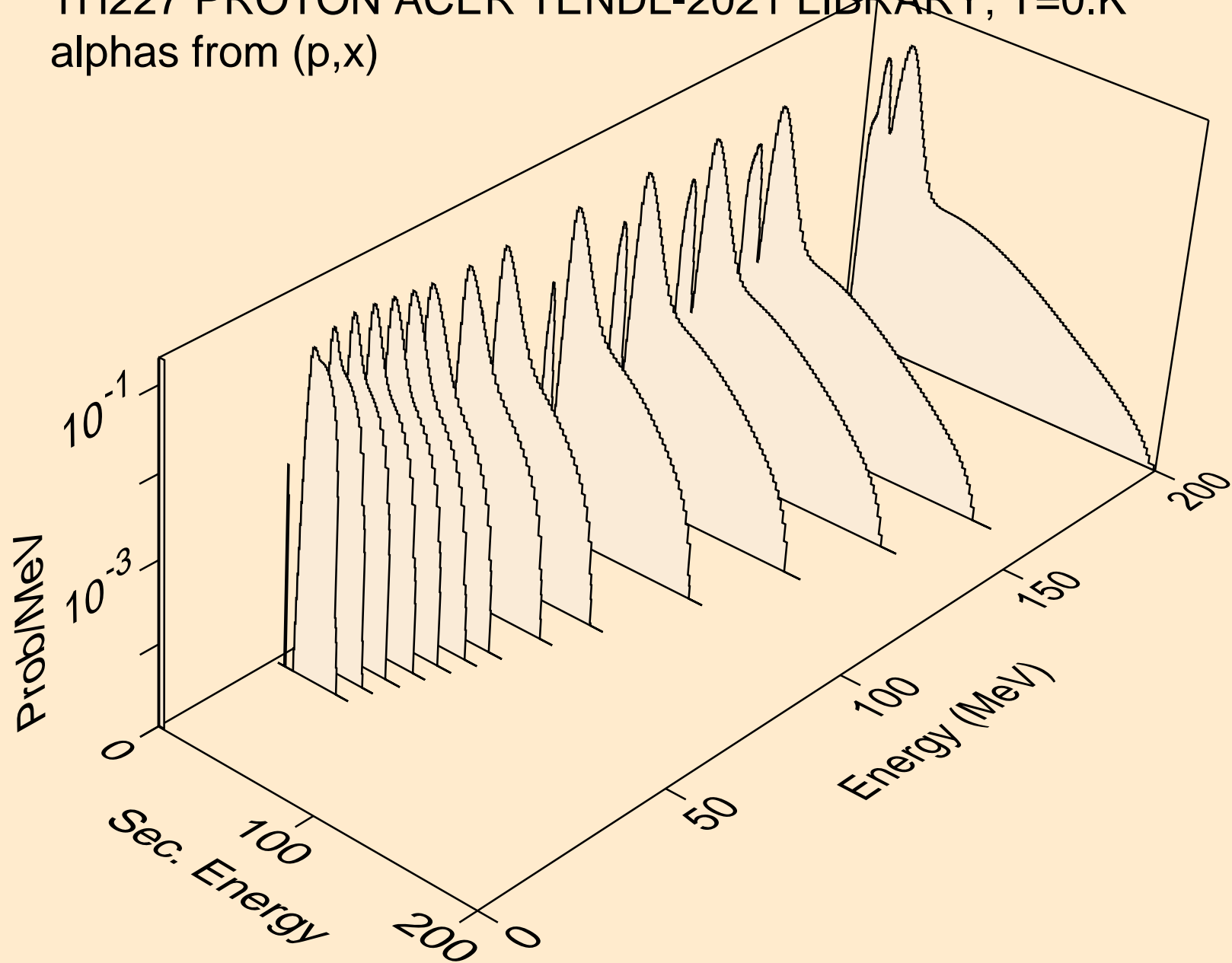
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



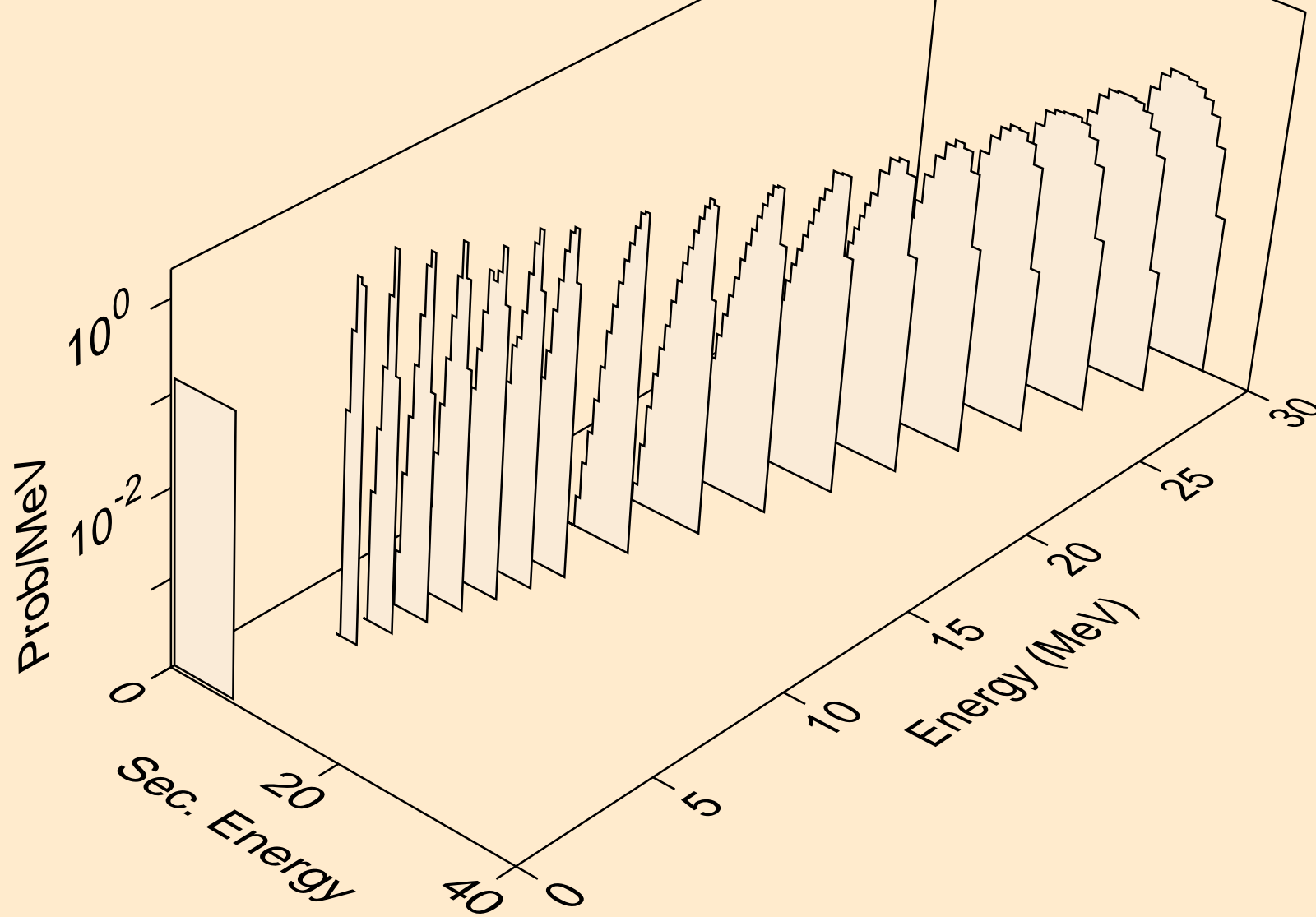
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



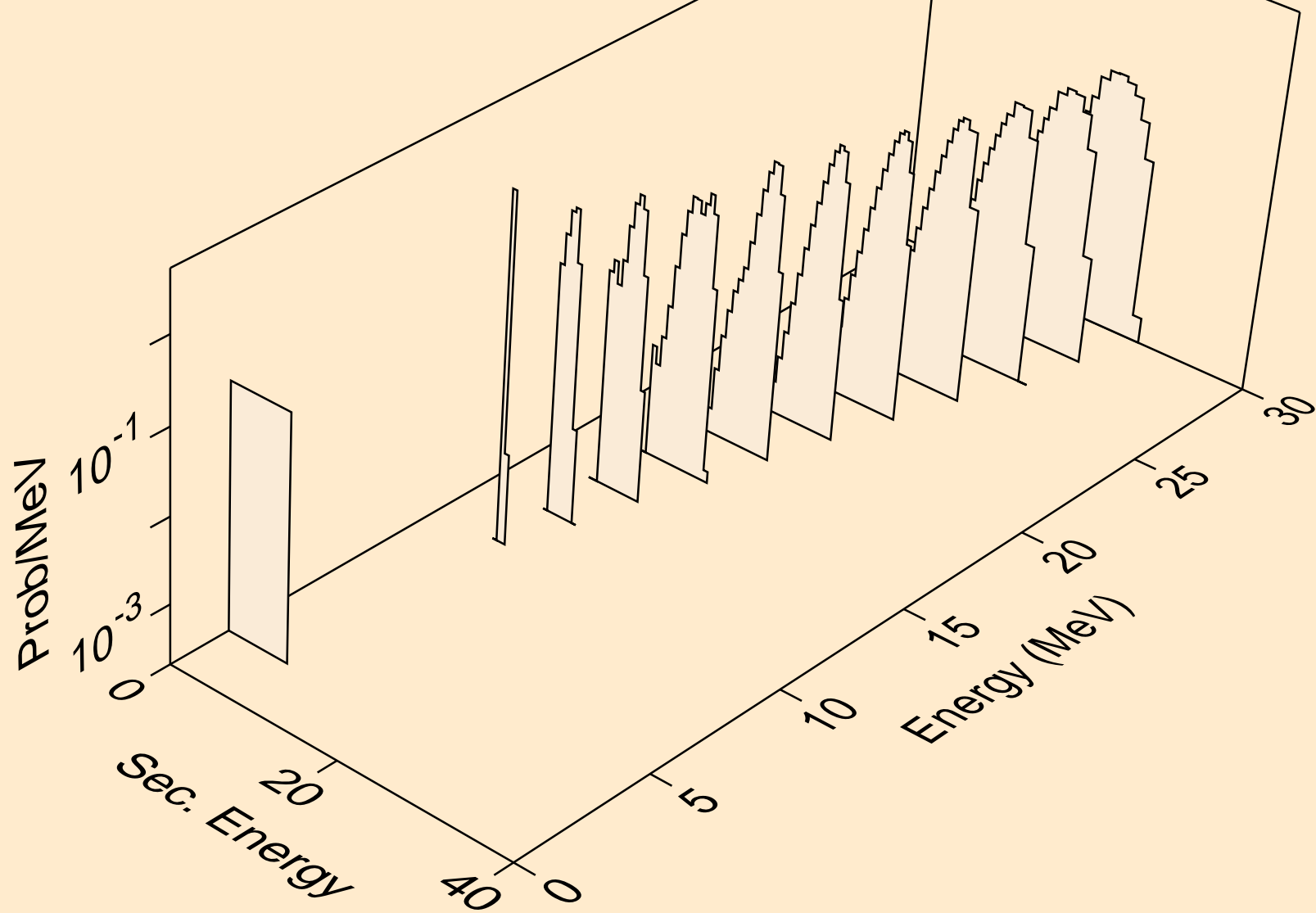
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



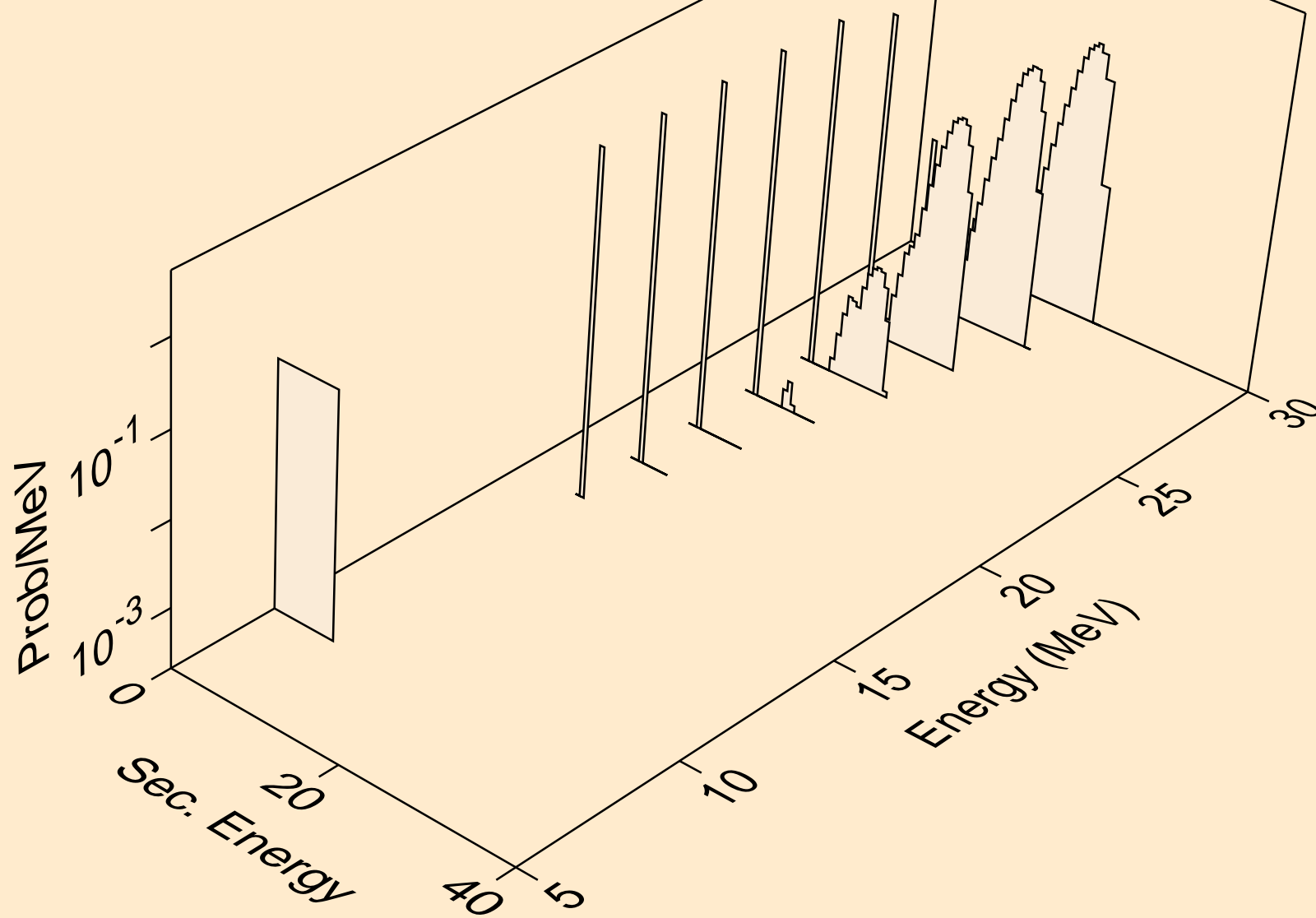
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



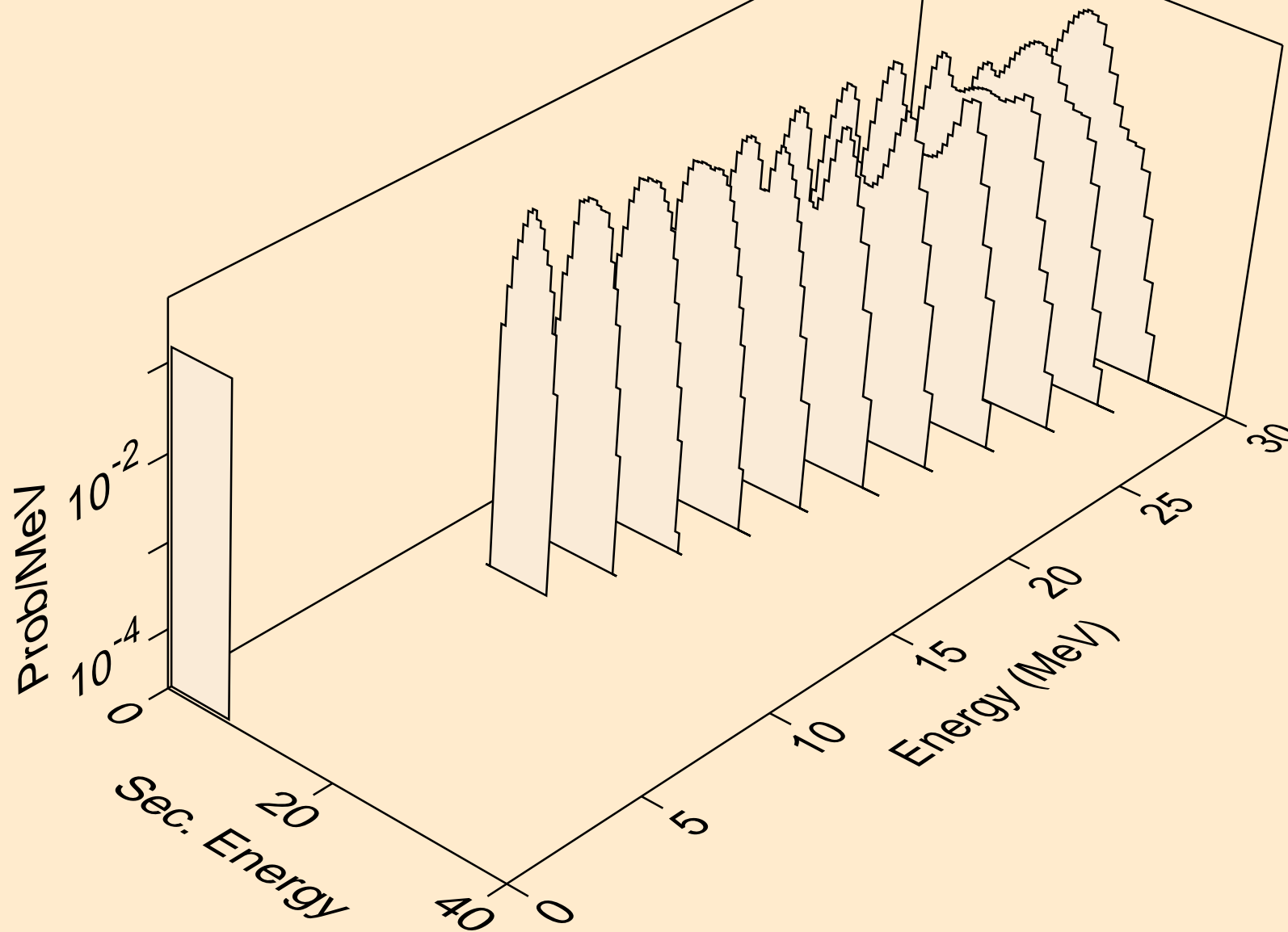
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a

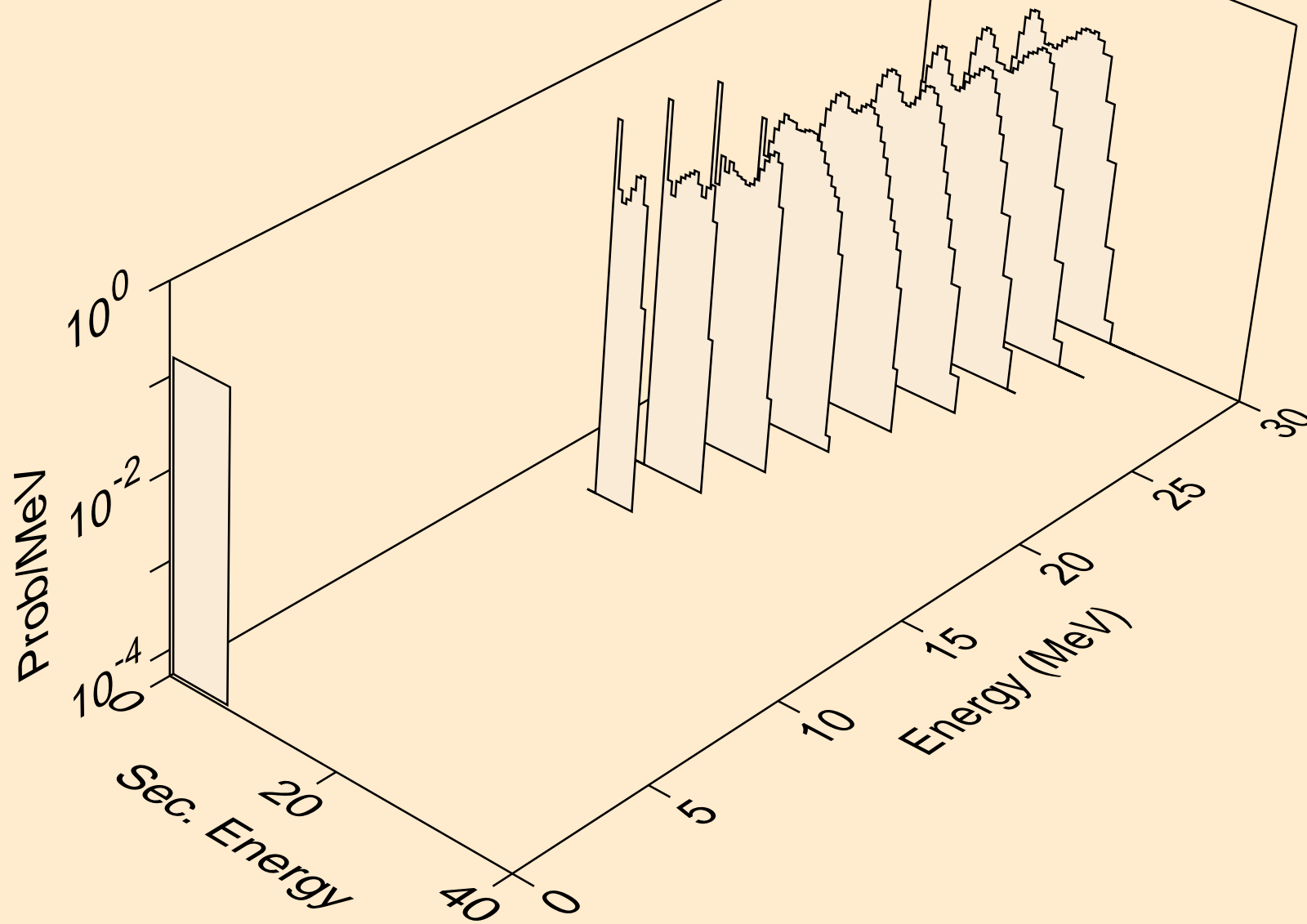


TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a

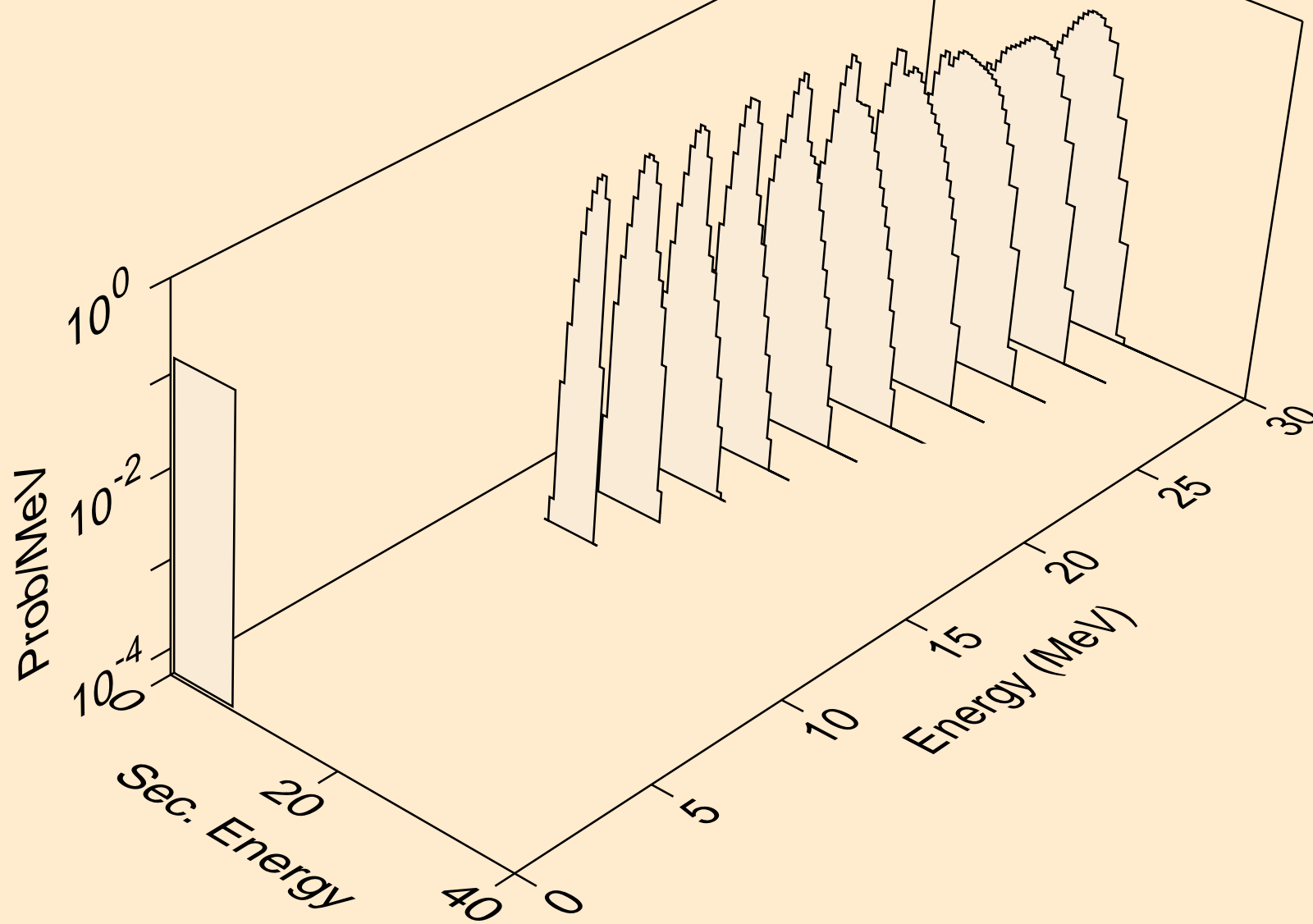




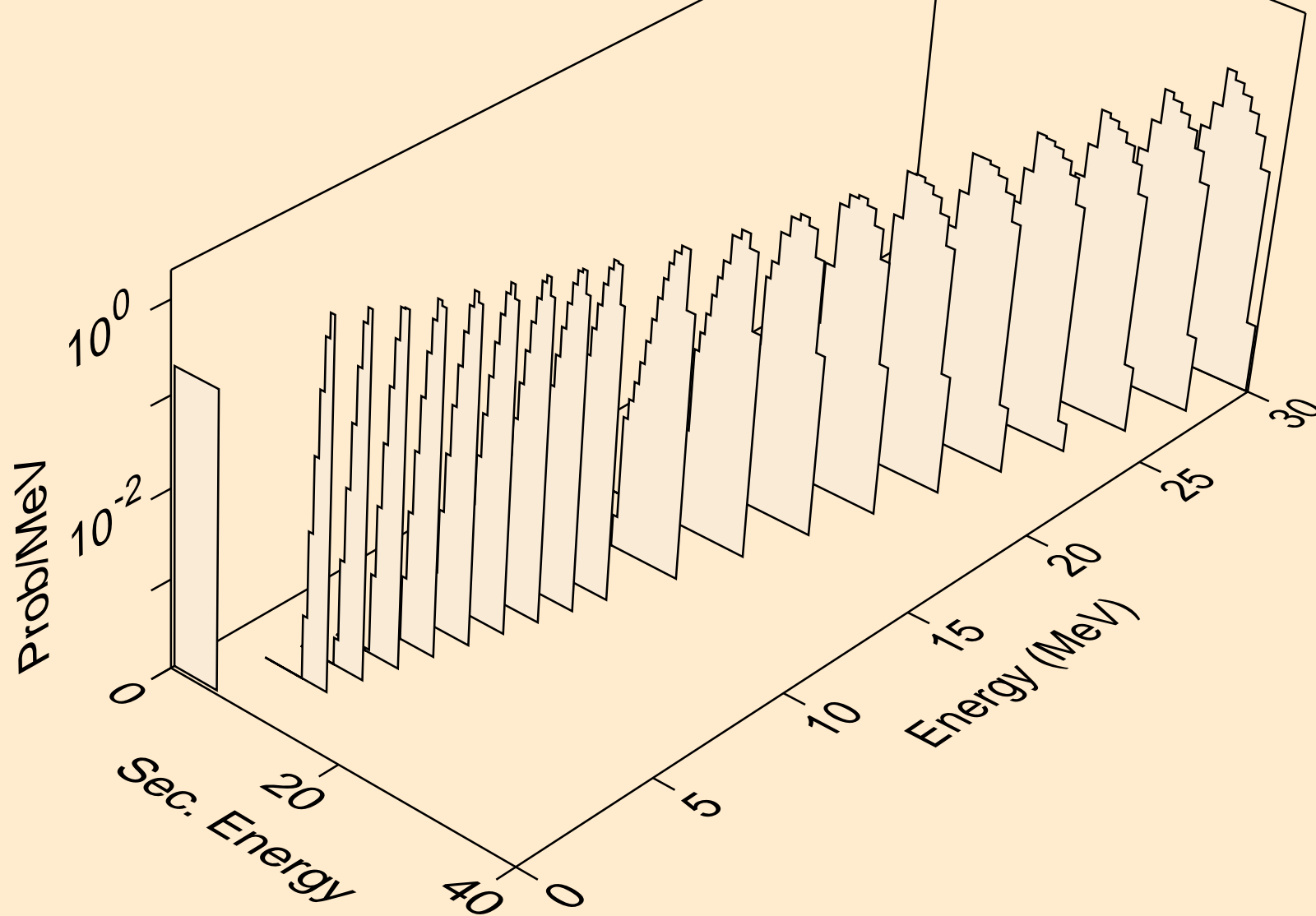
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)2a



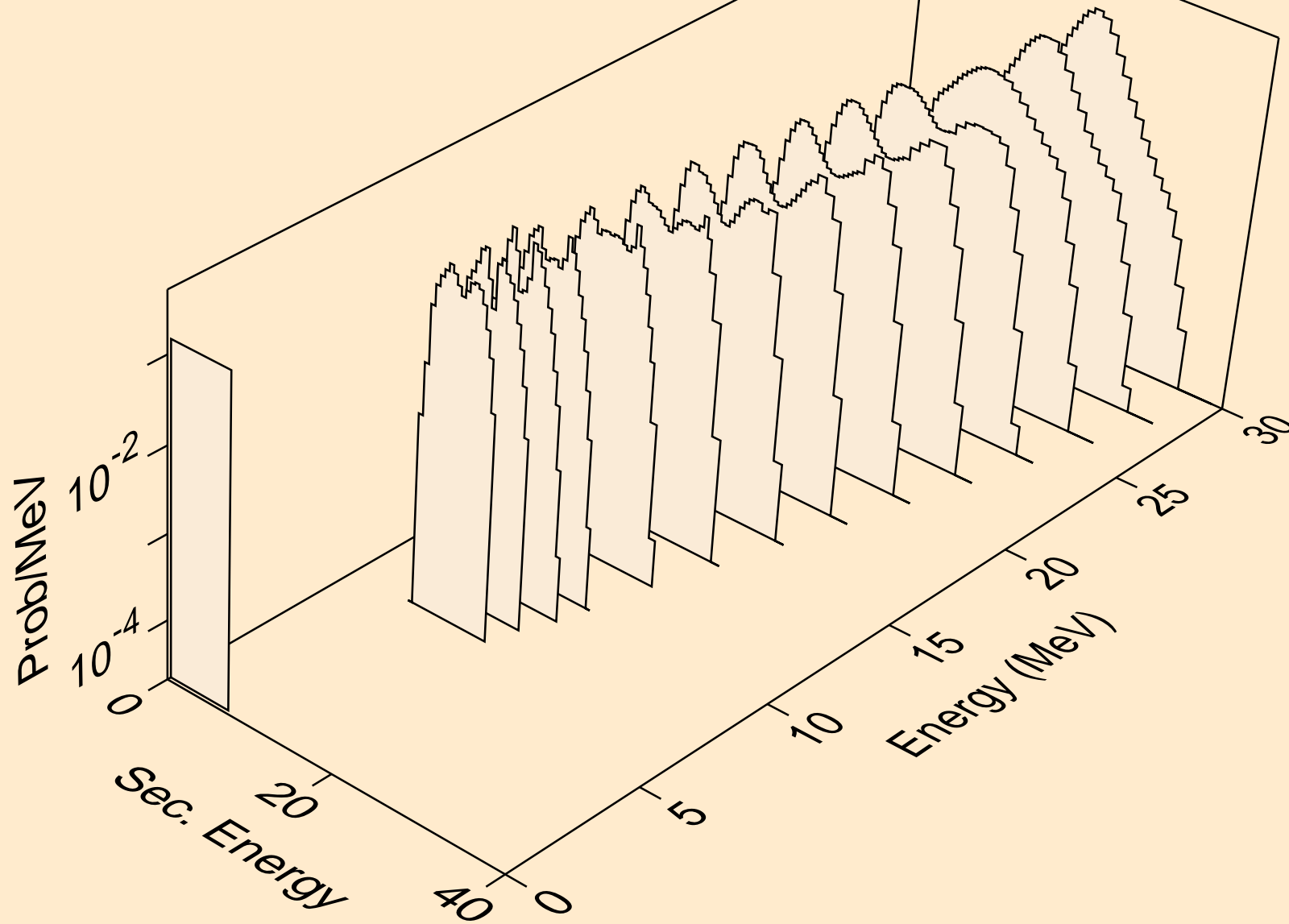
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



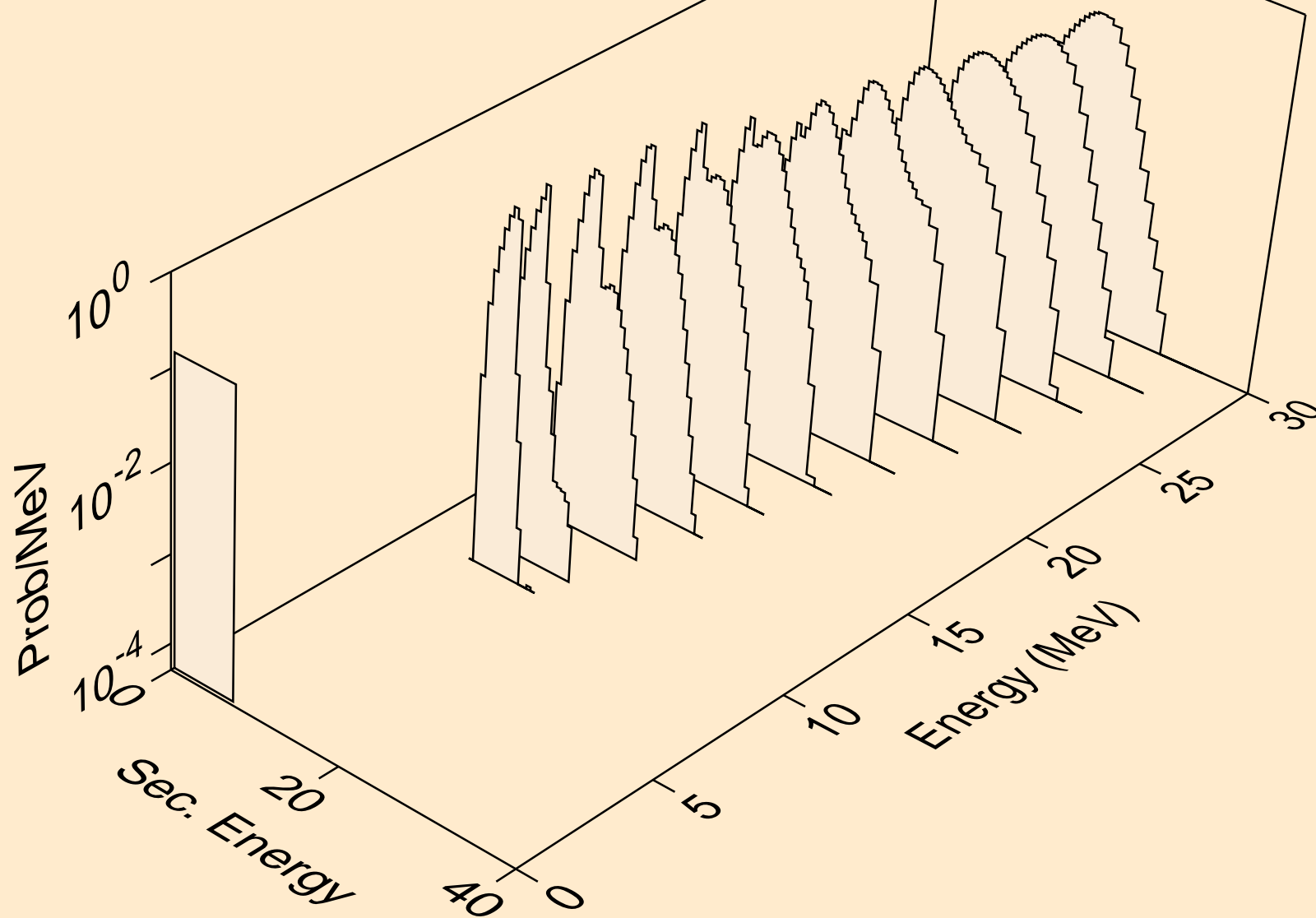
TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



TH227 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

