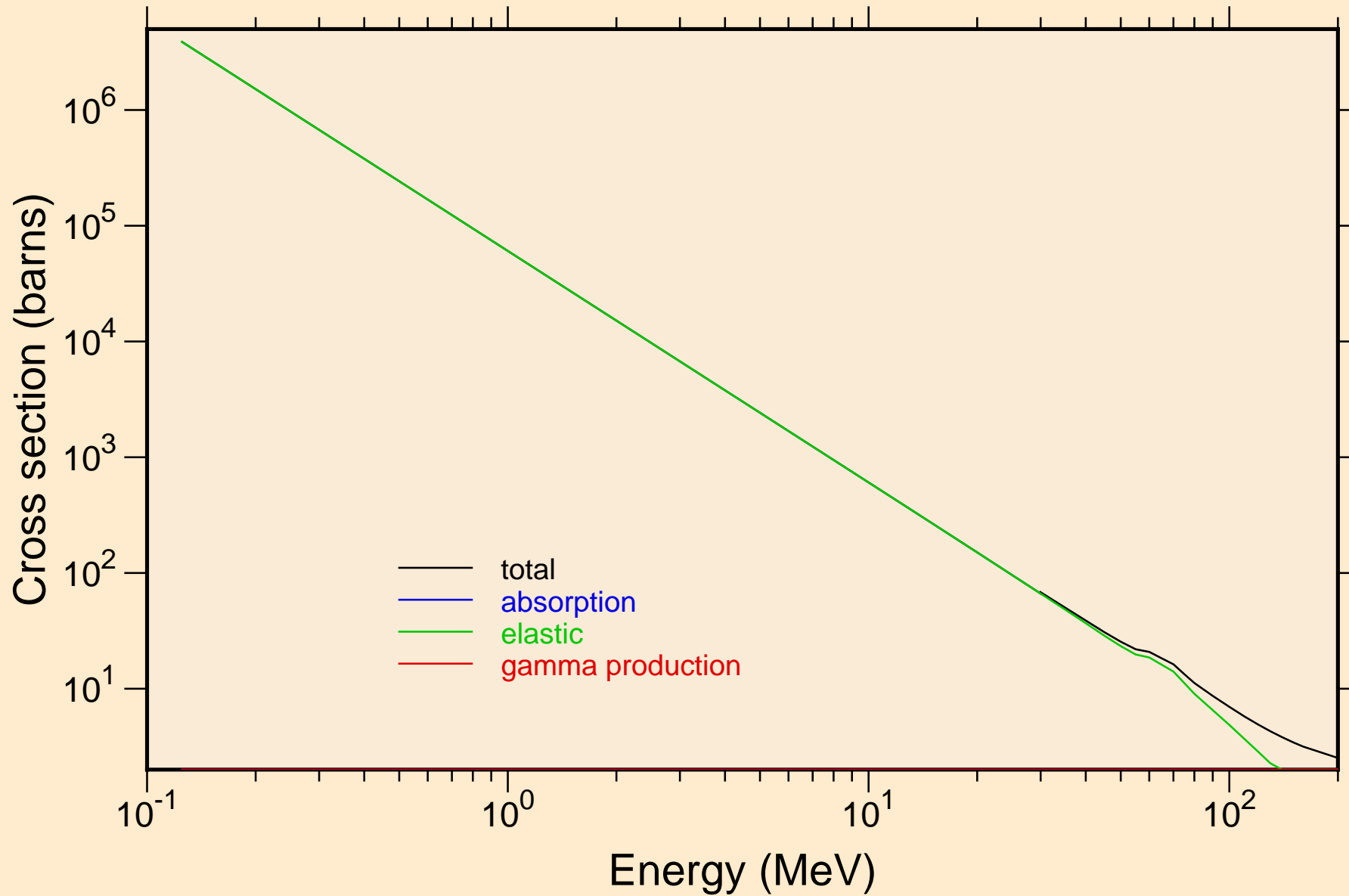


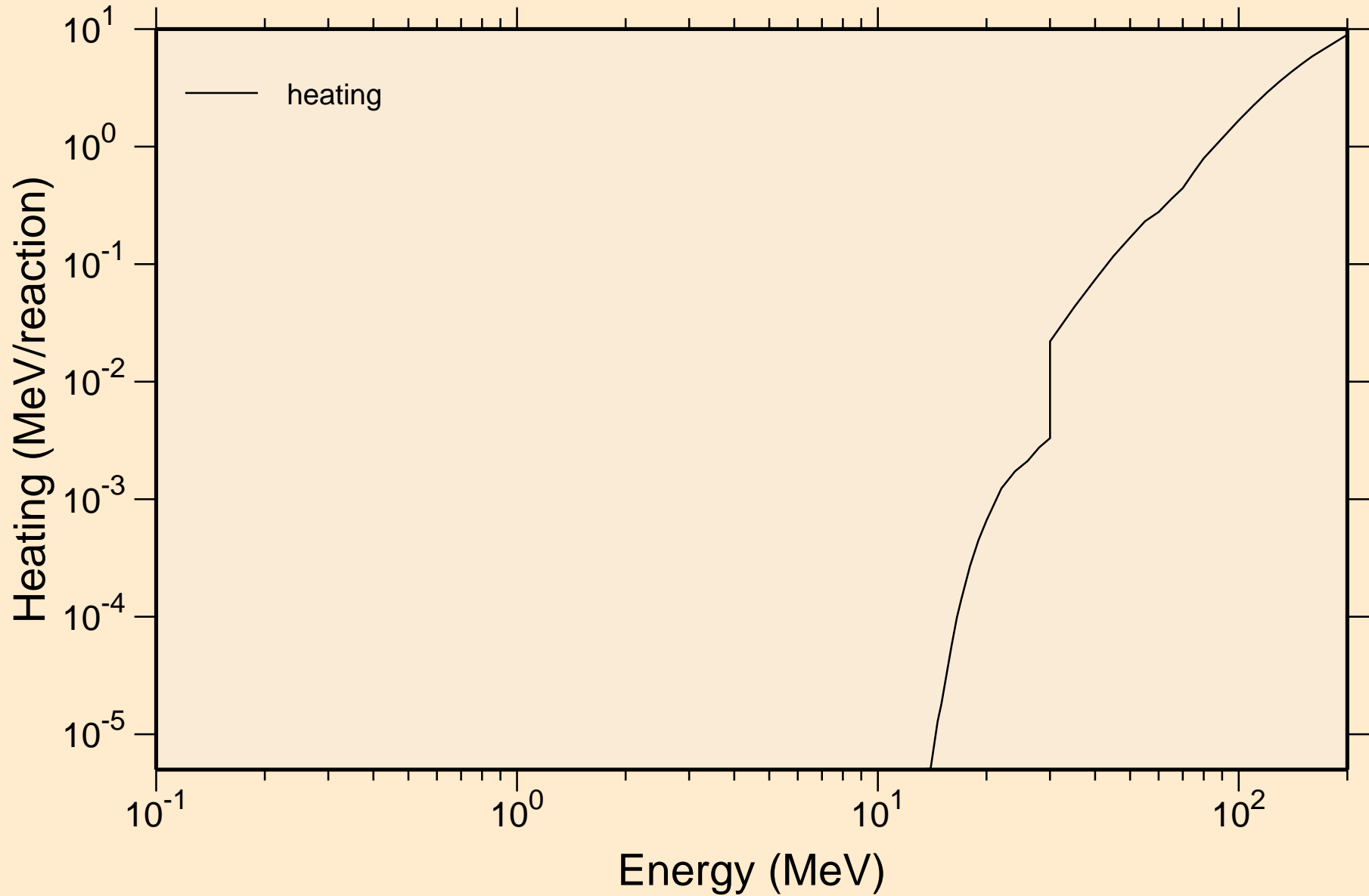
# ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



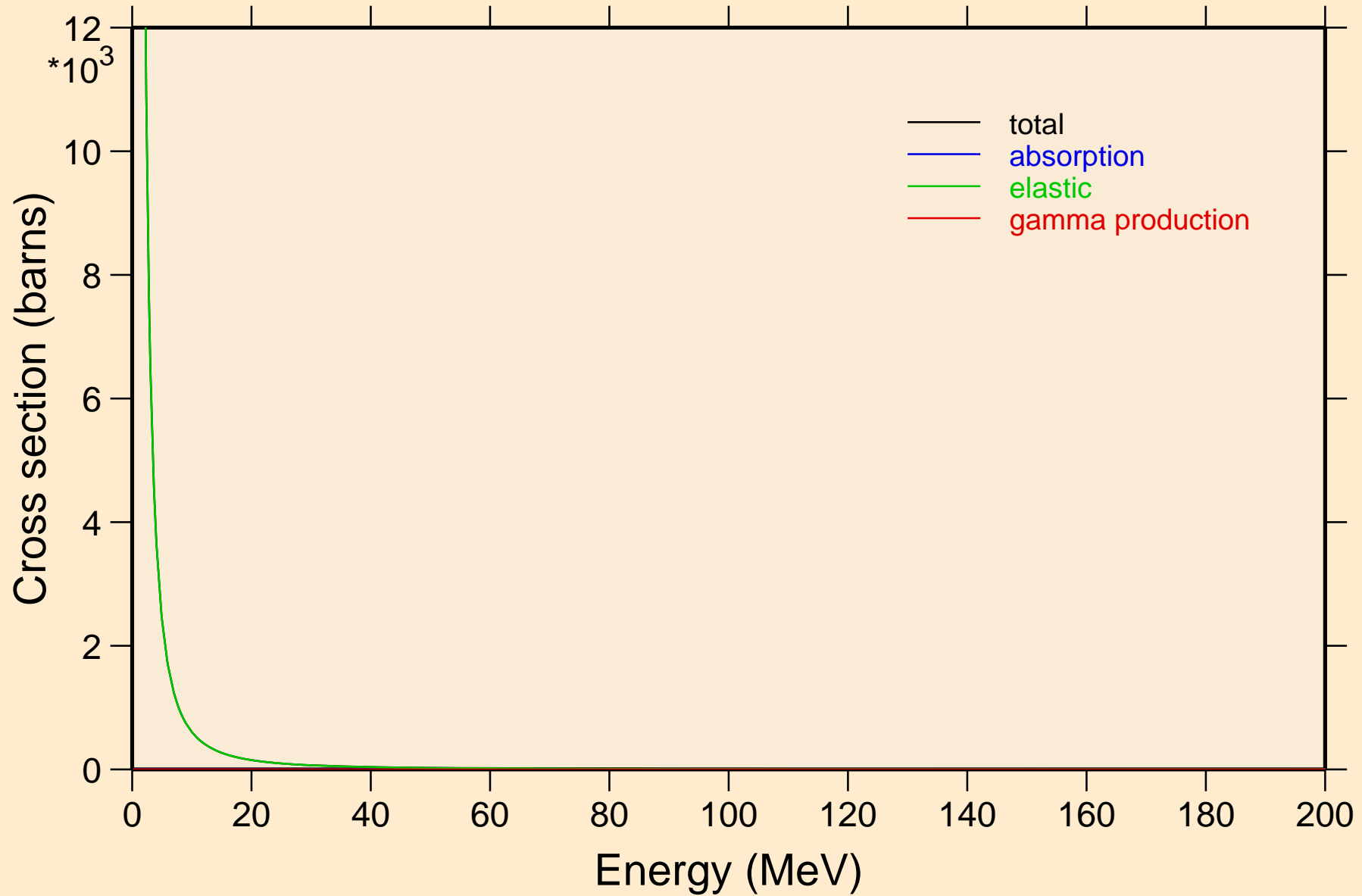
# ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



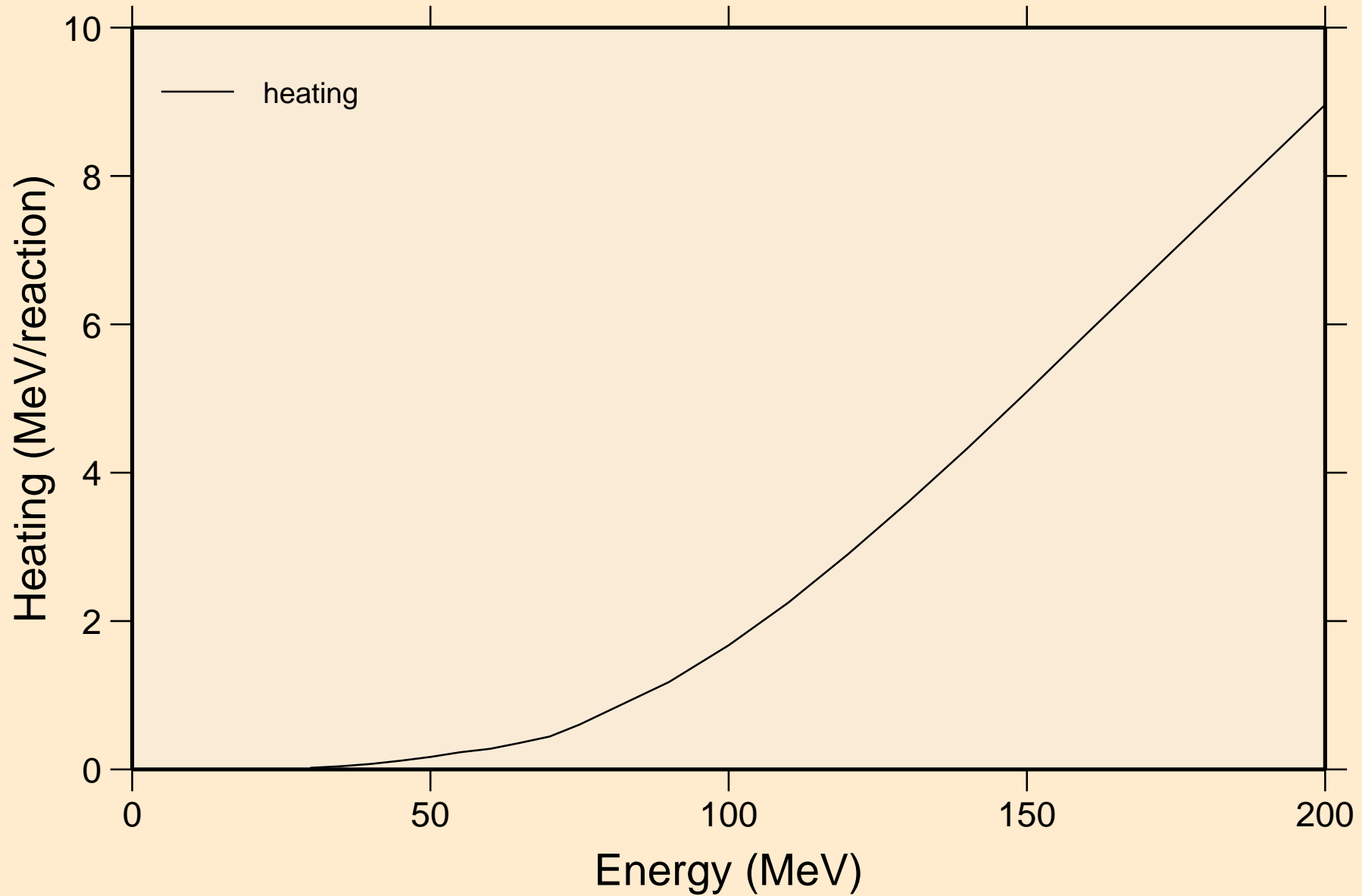
# ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



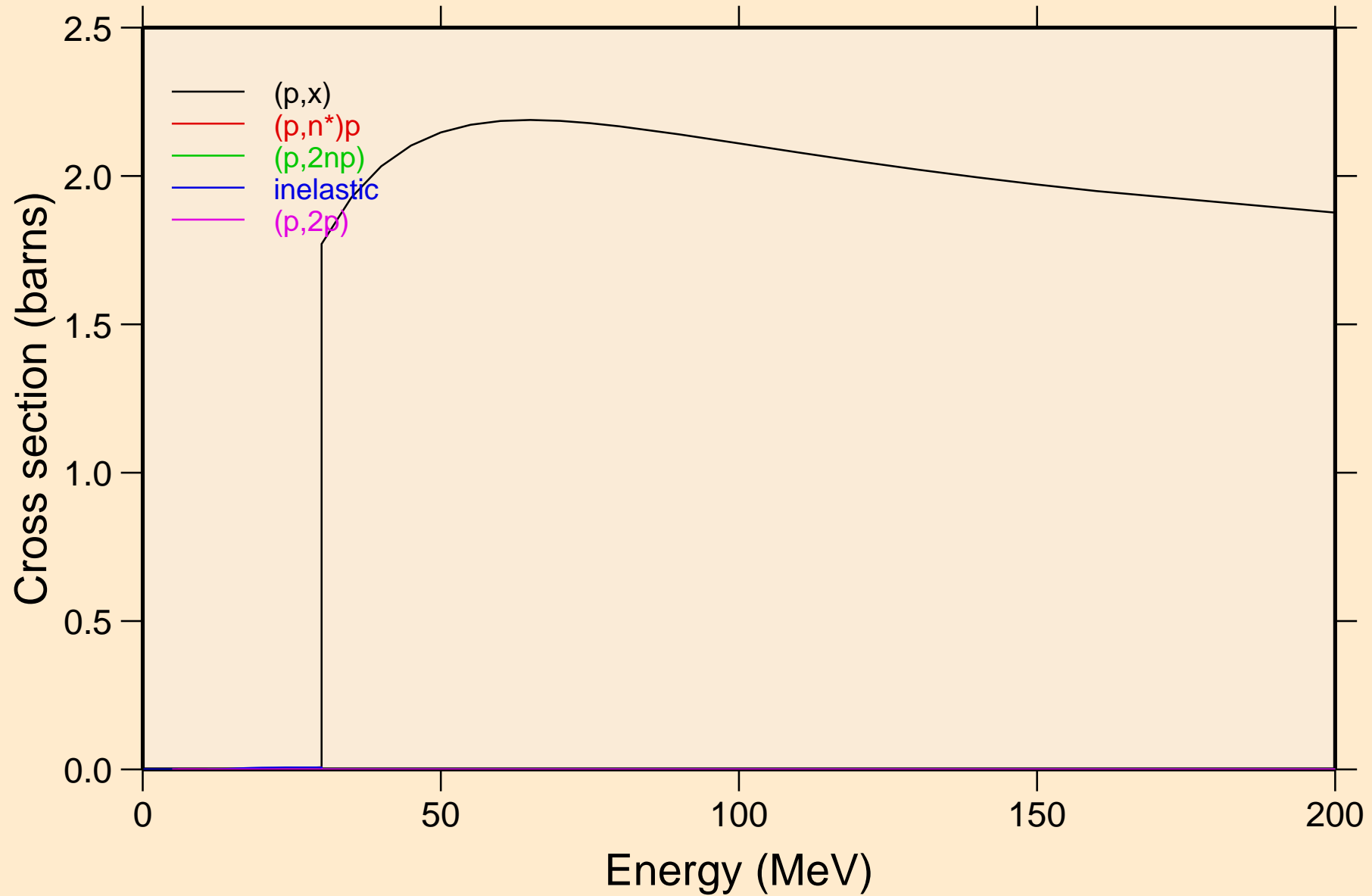
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating

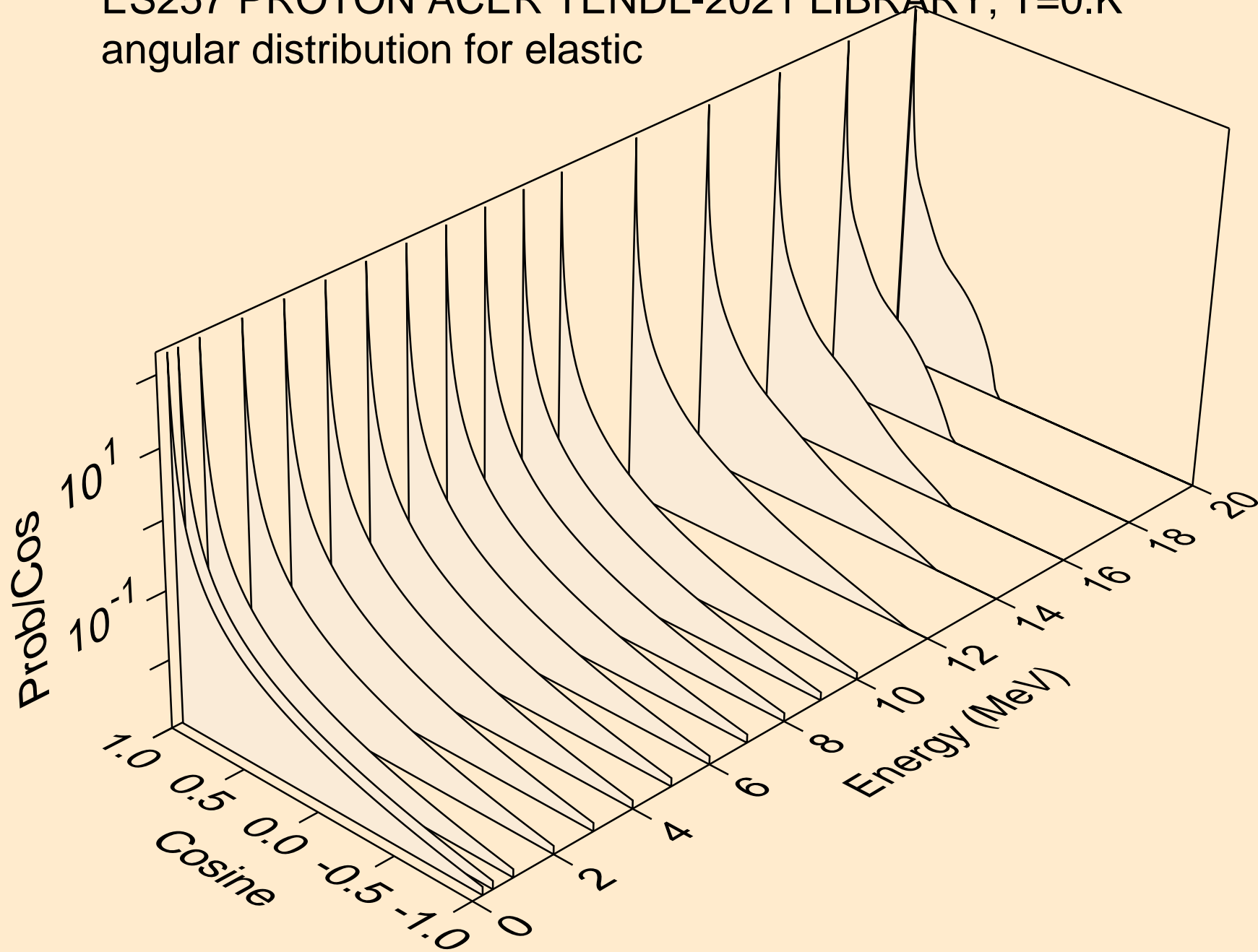


# ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K

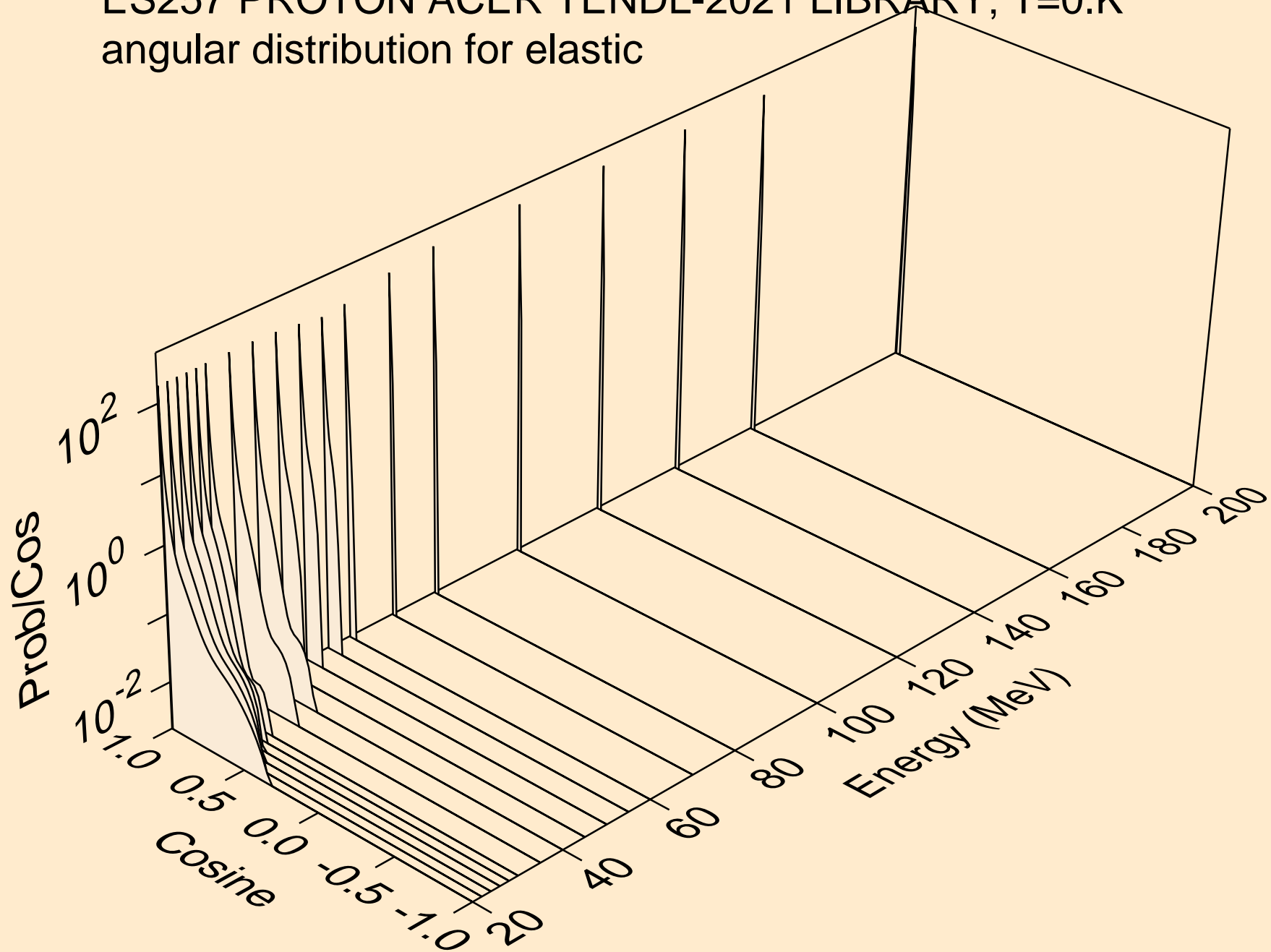
## Threshold reactions



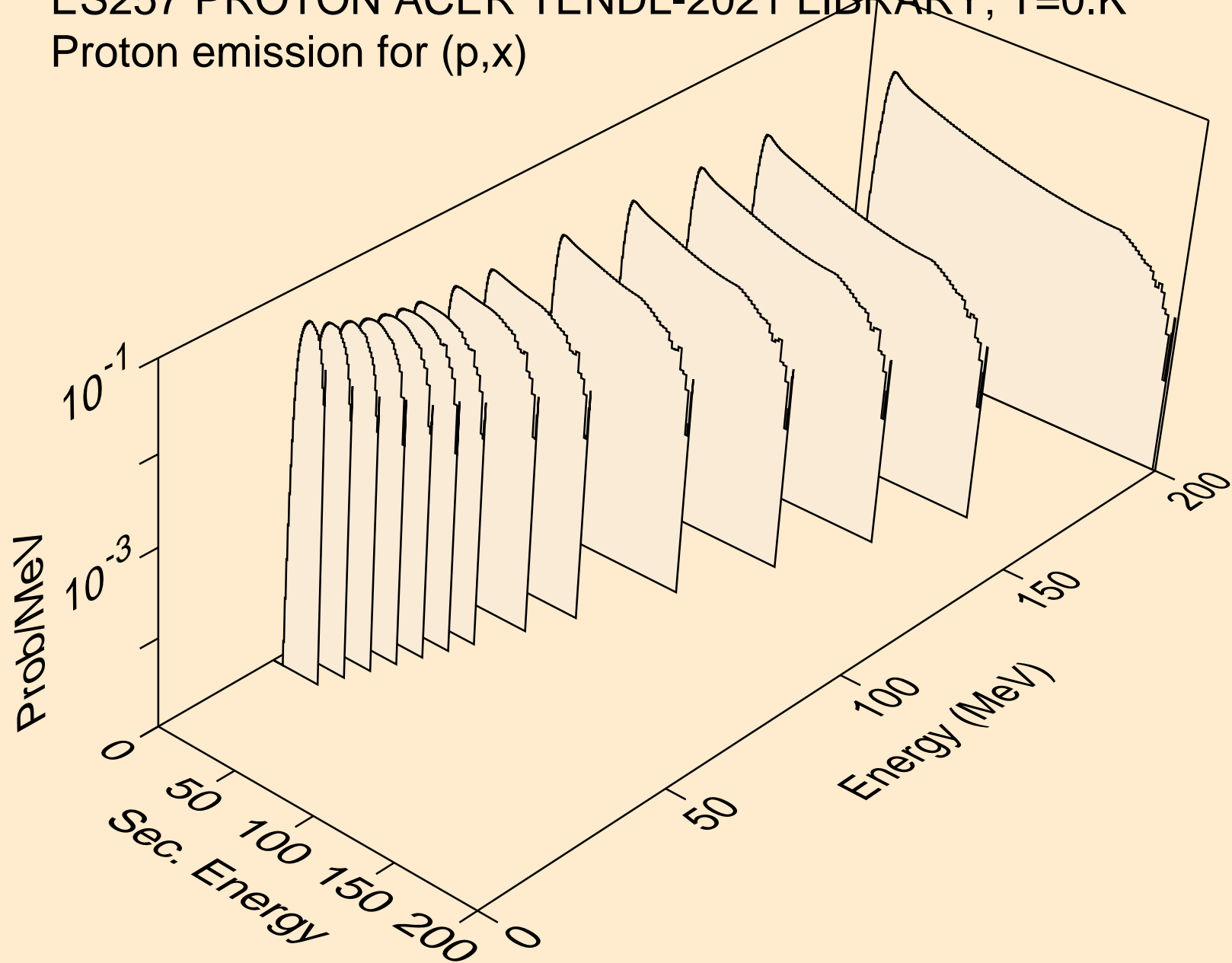
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

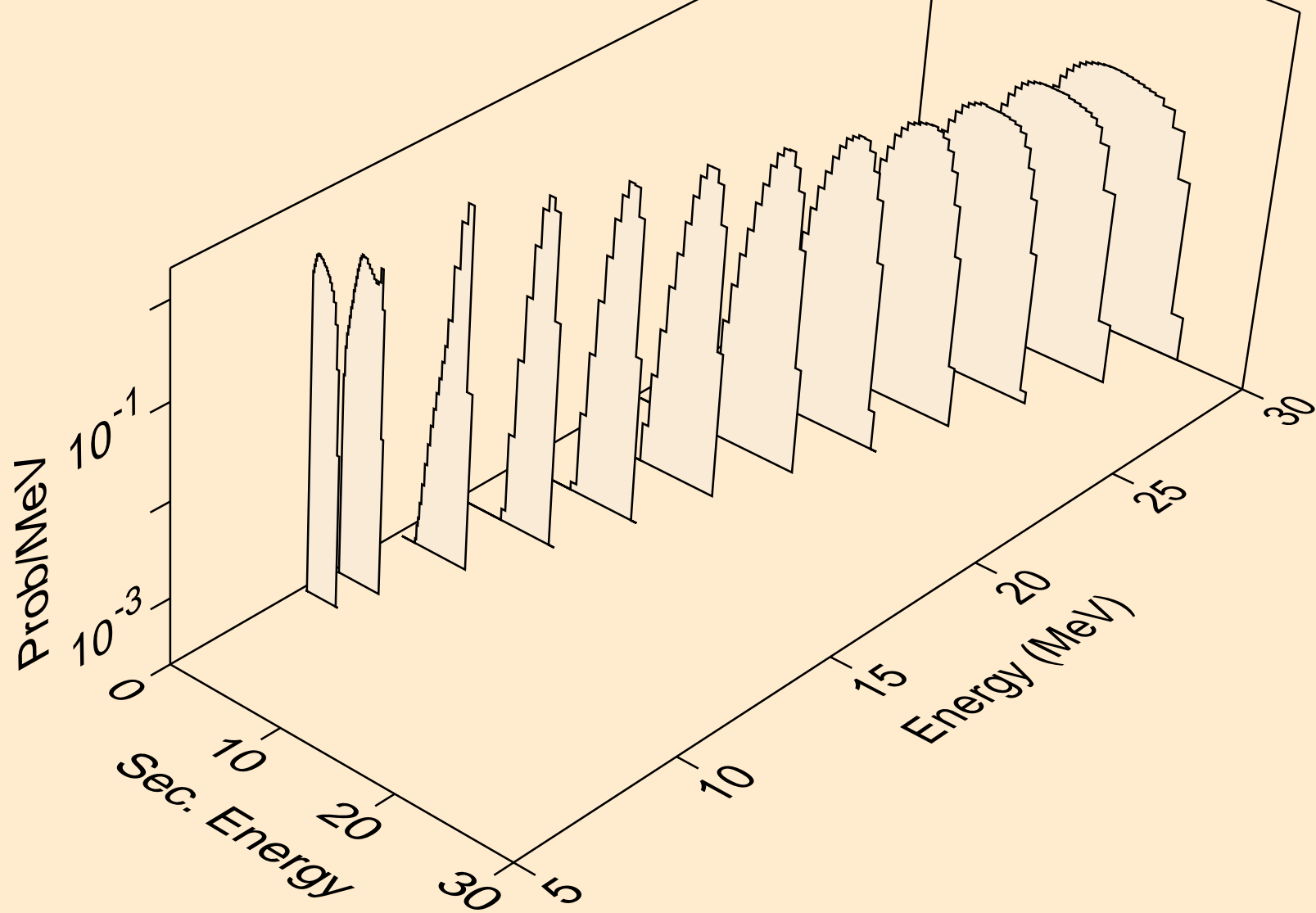


ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)

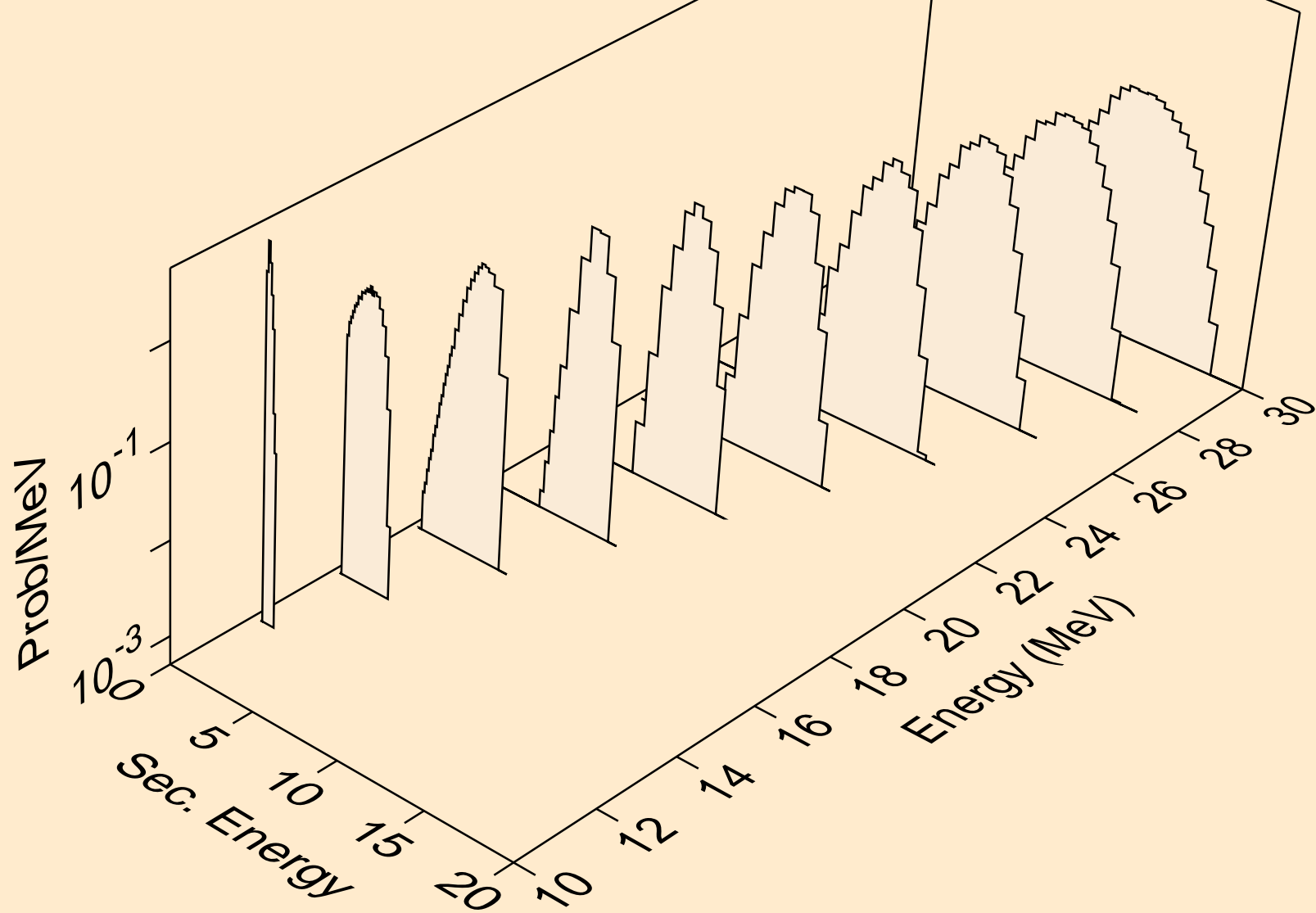




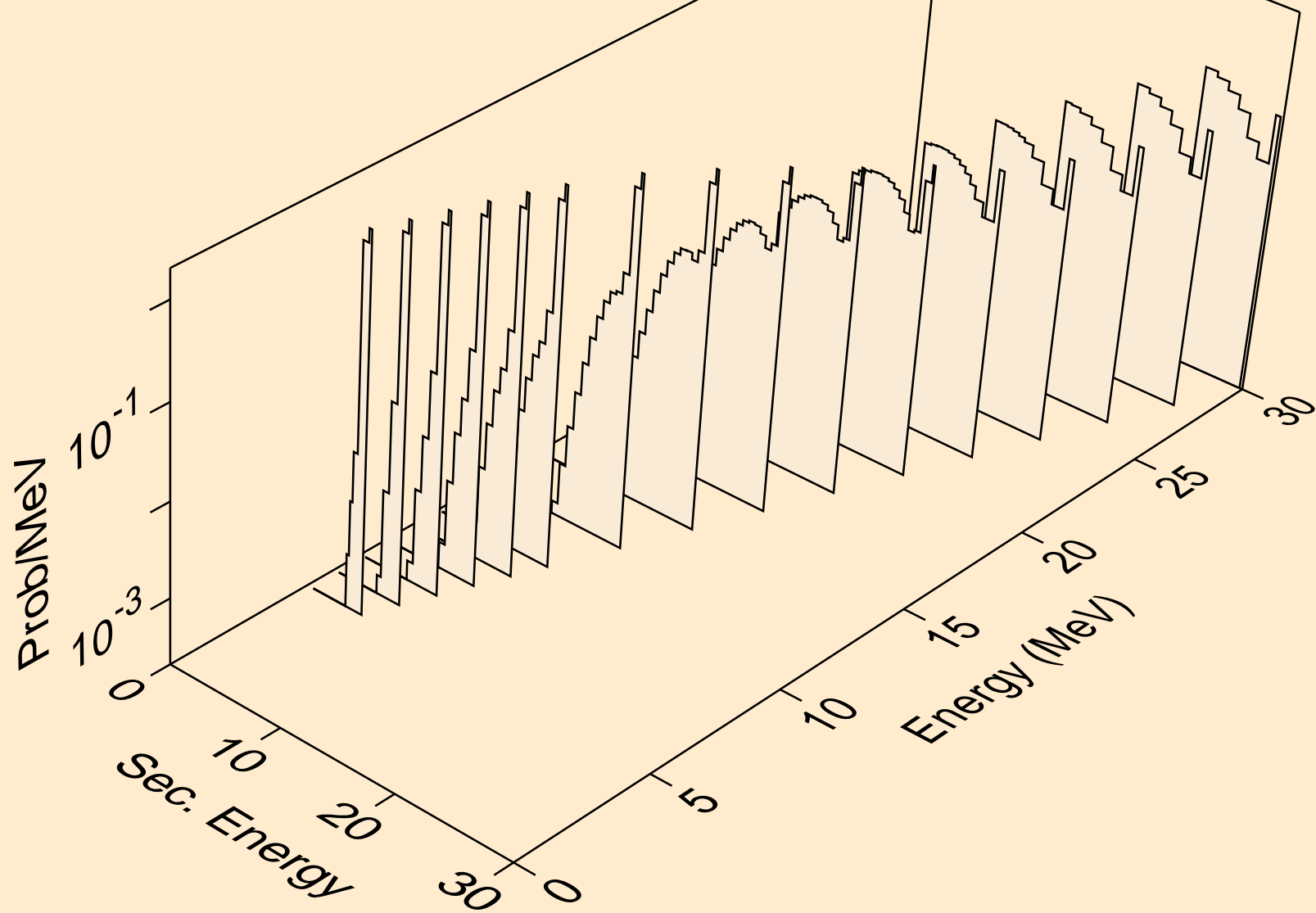
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



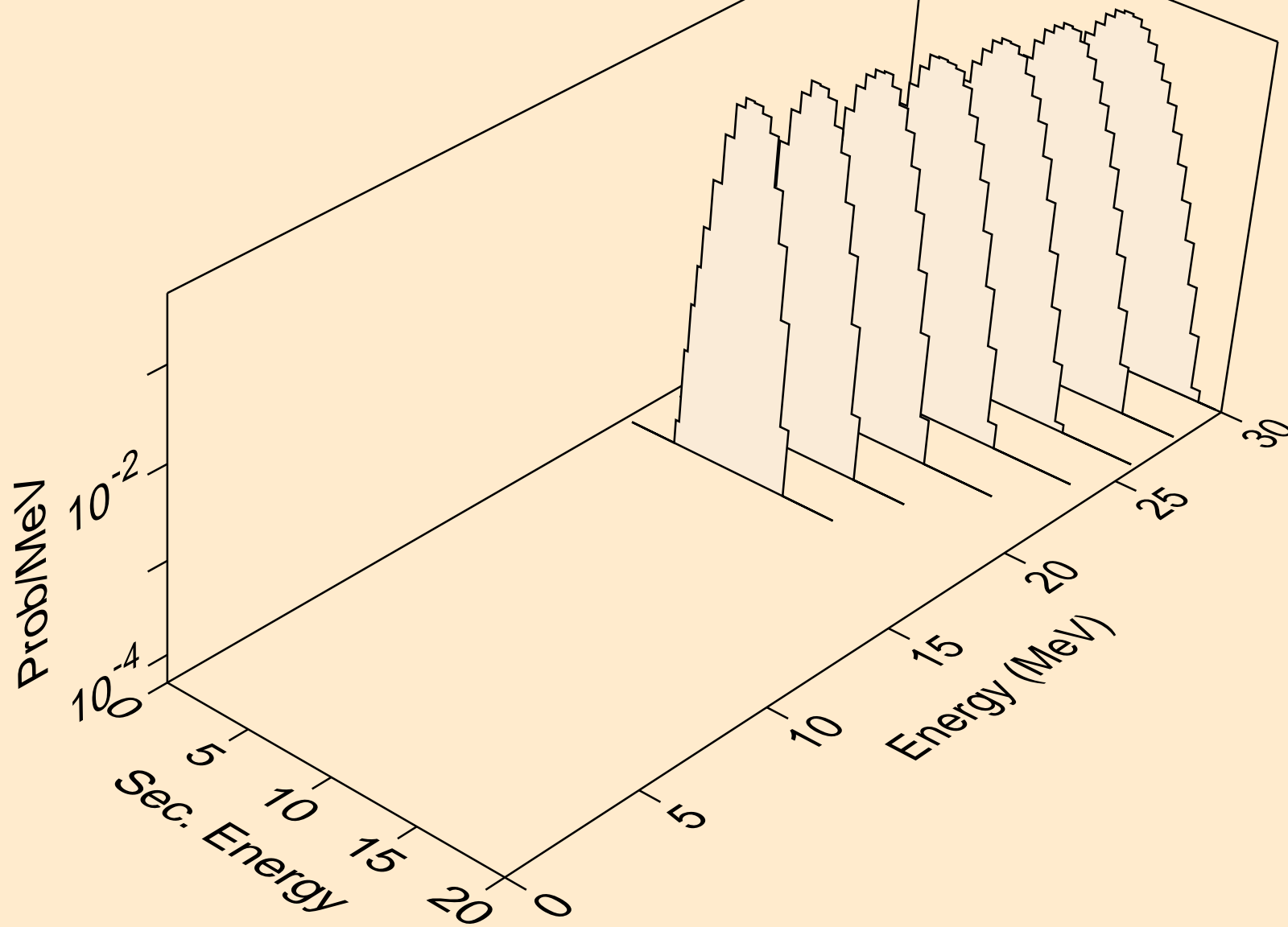
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



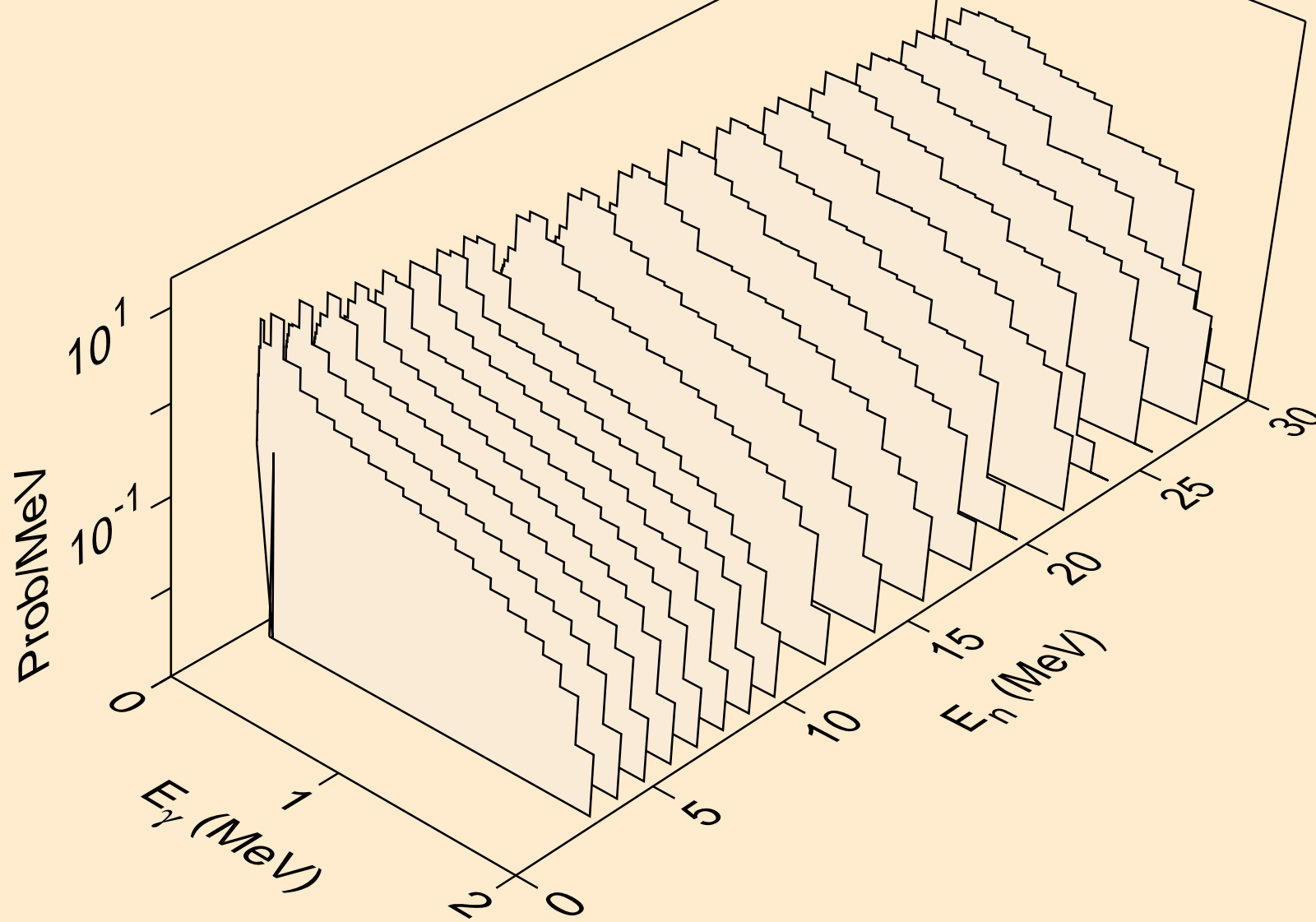
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic



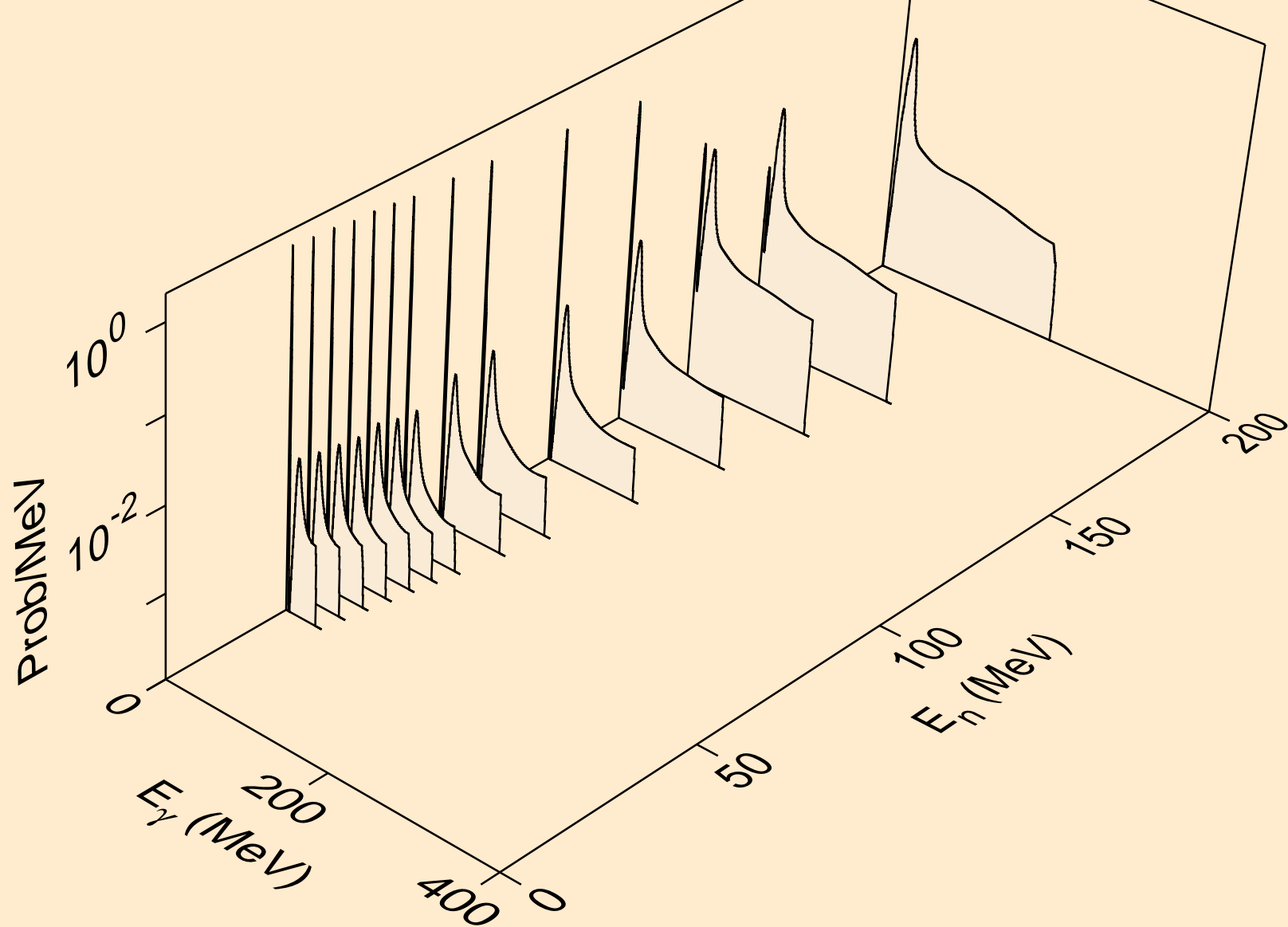
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



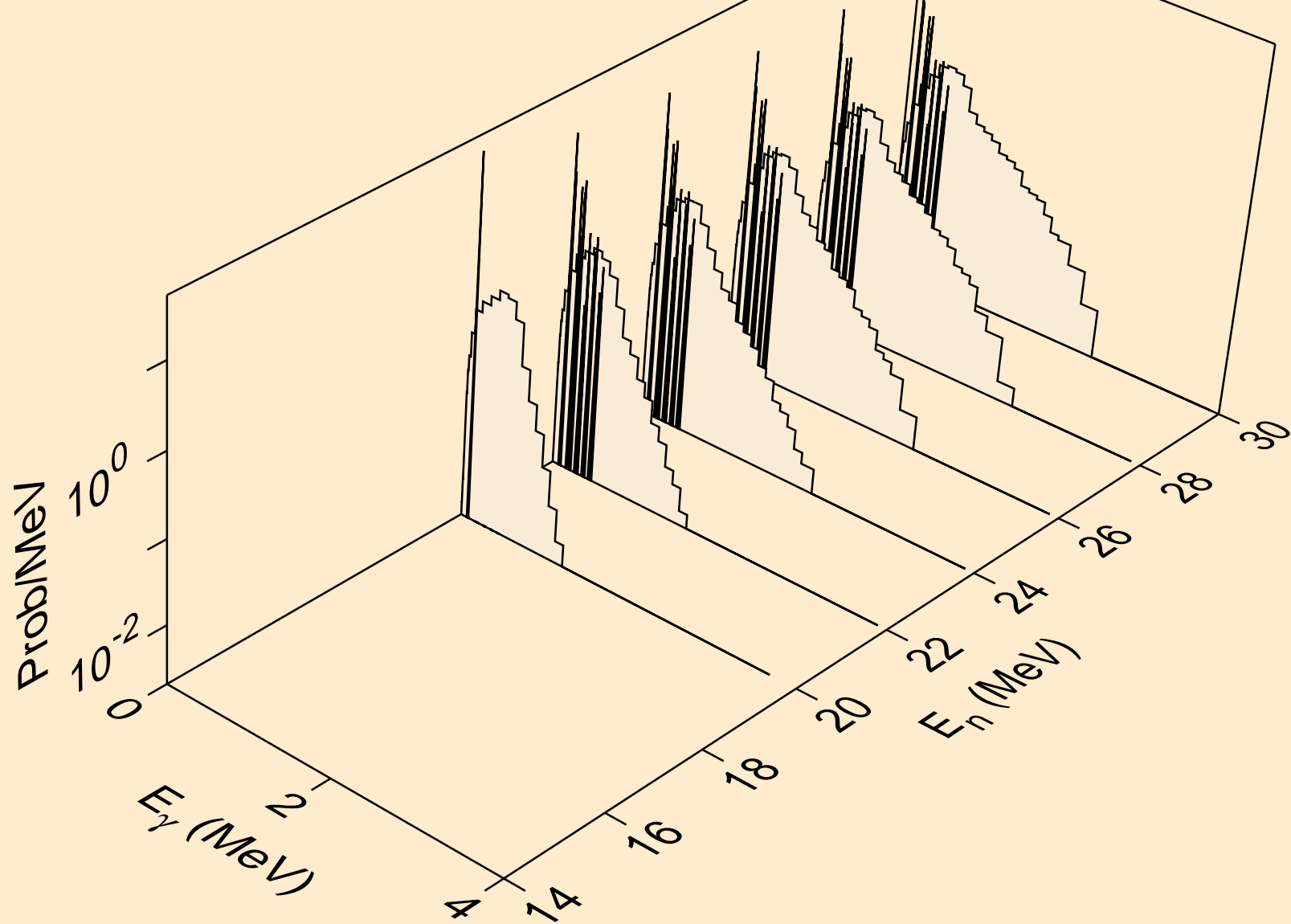
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



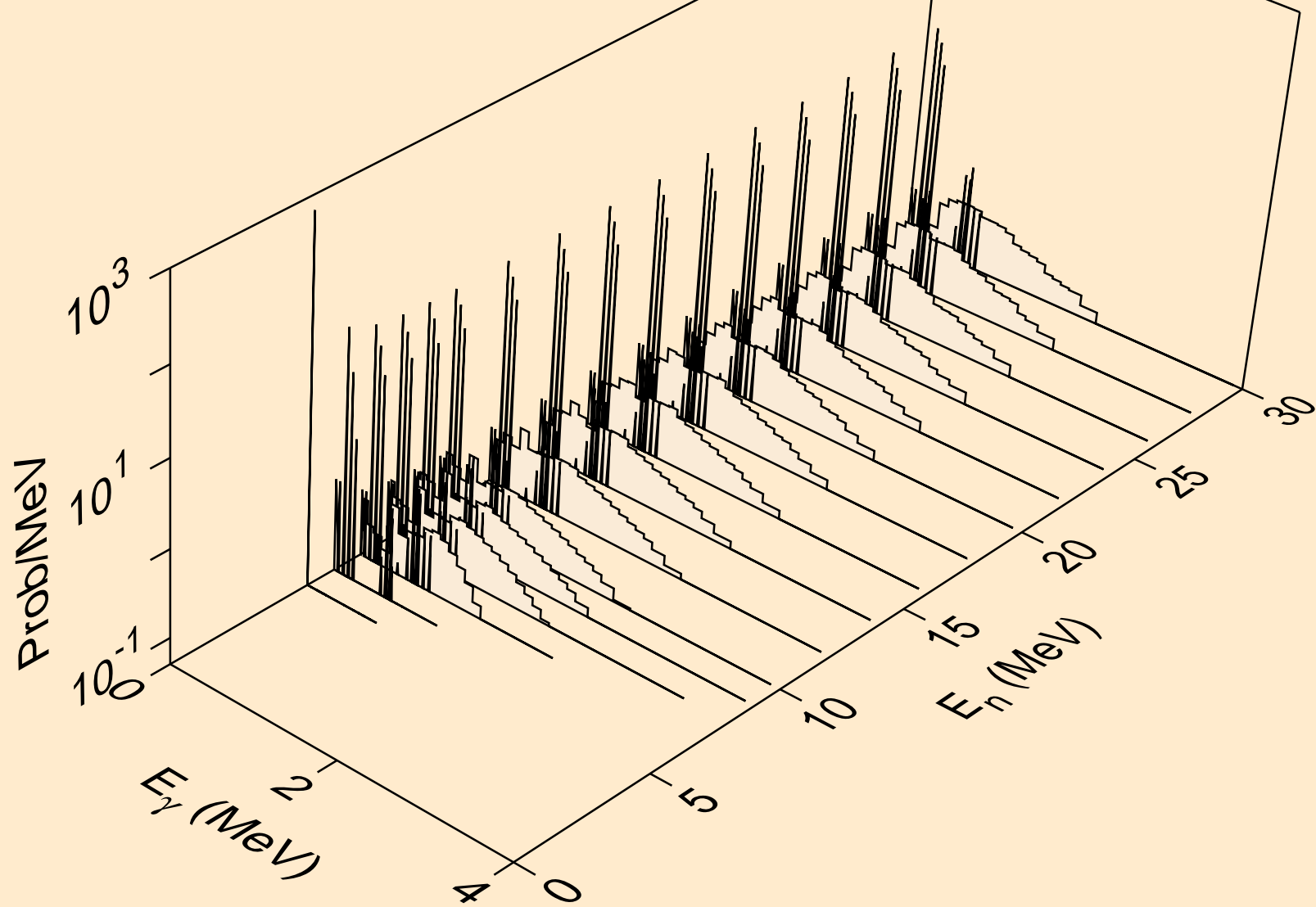
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

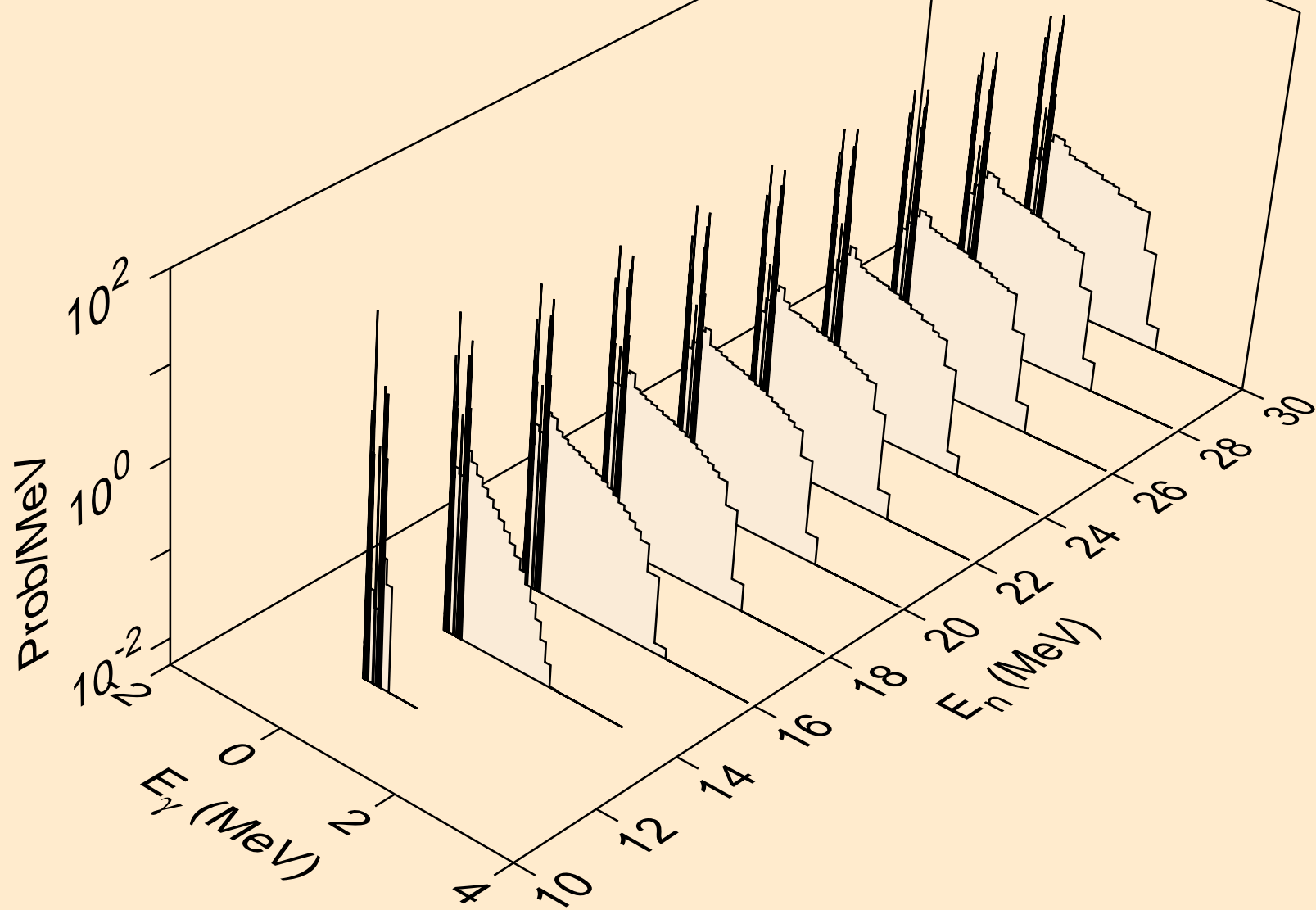


ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

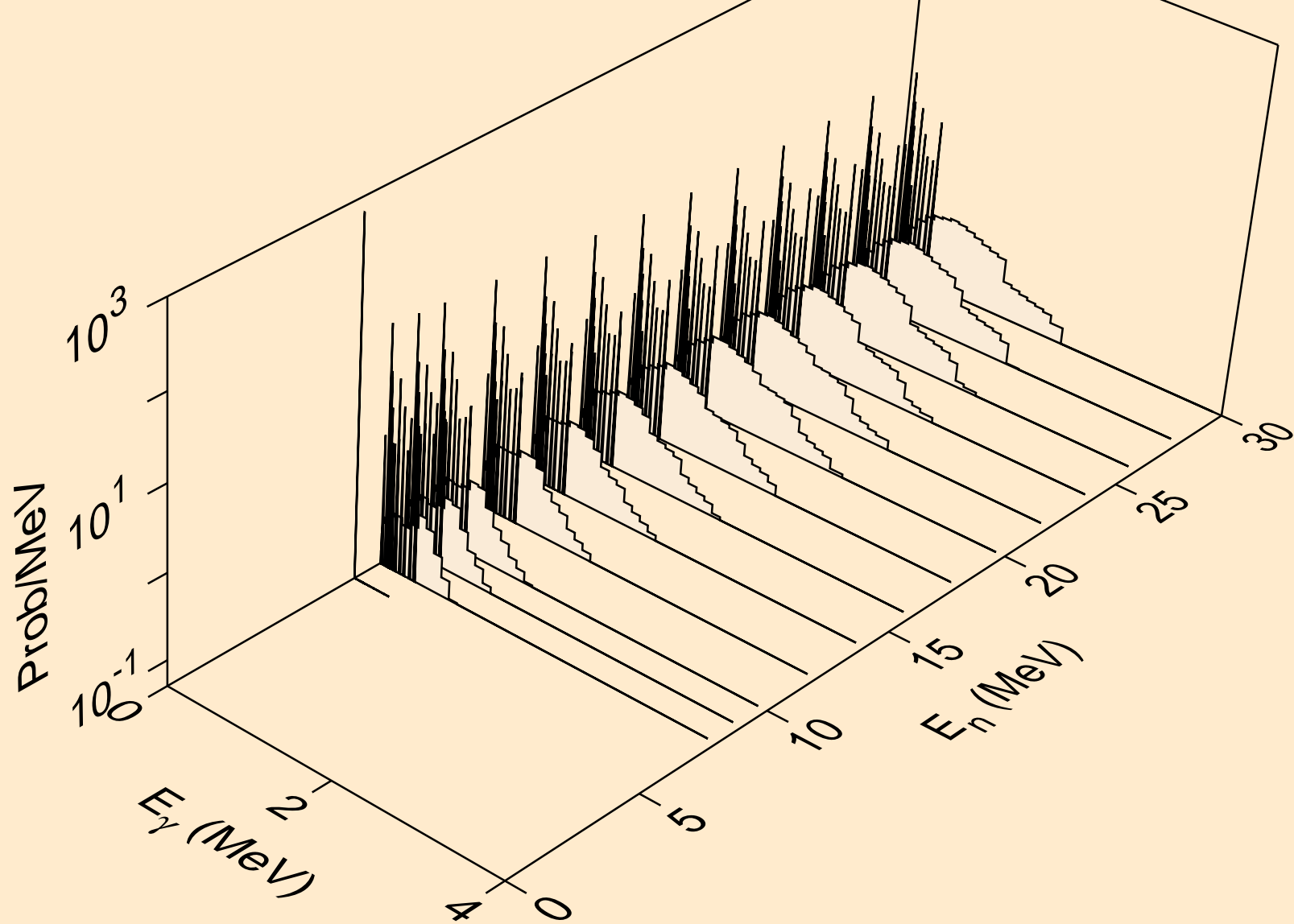




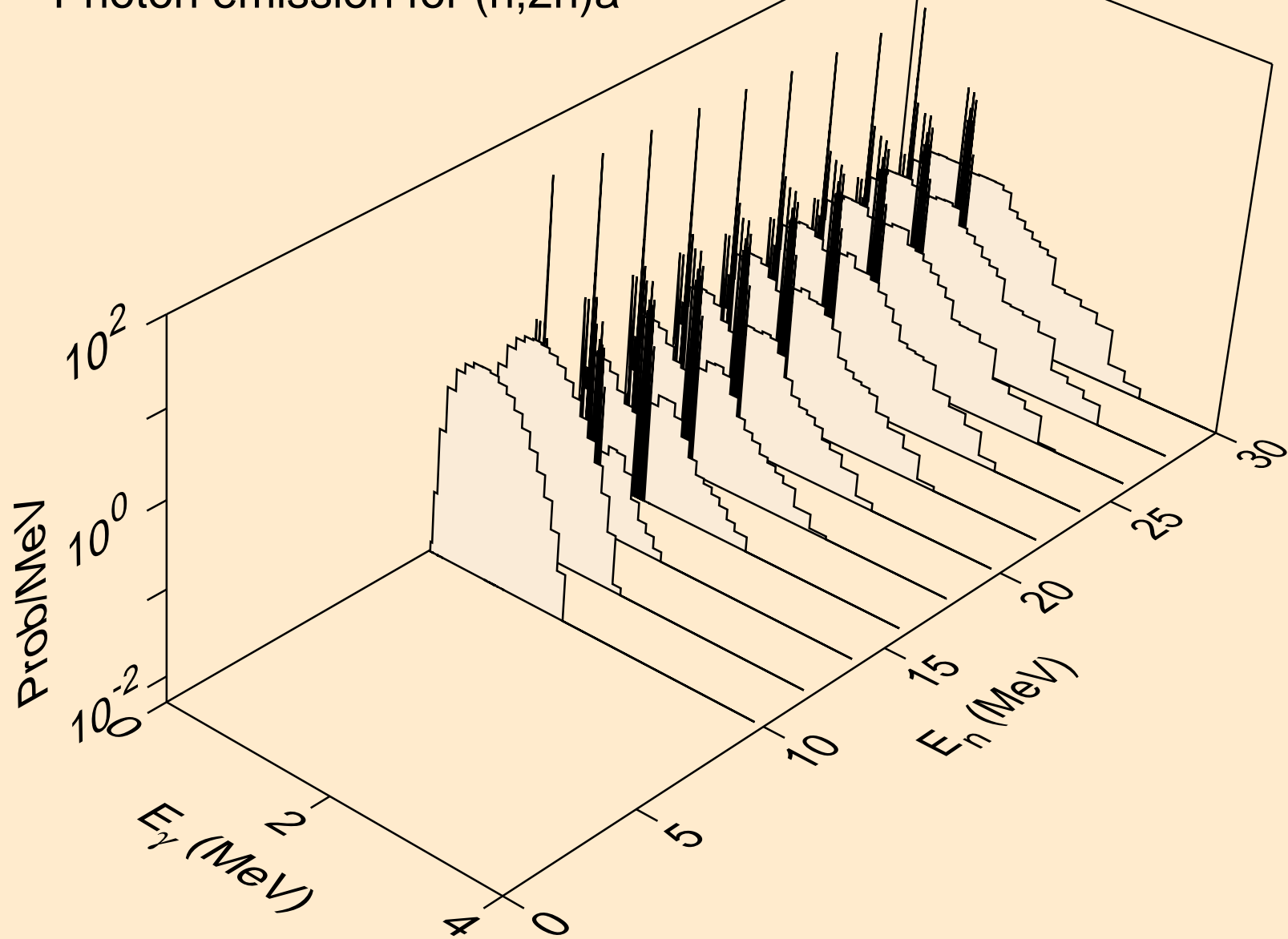
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



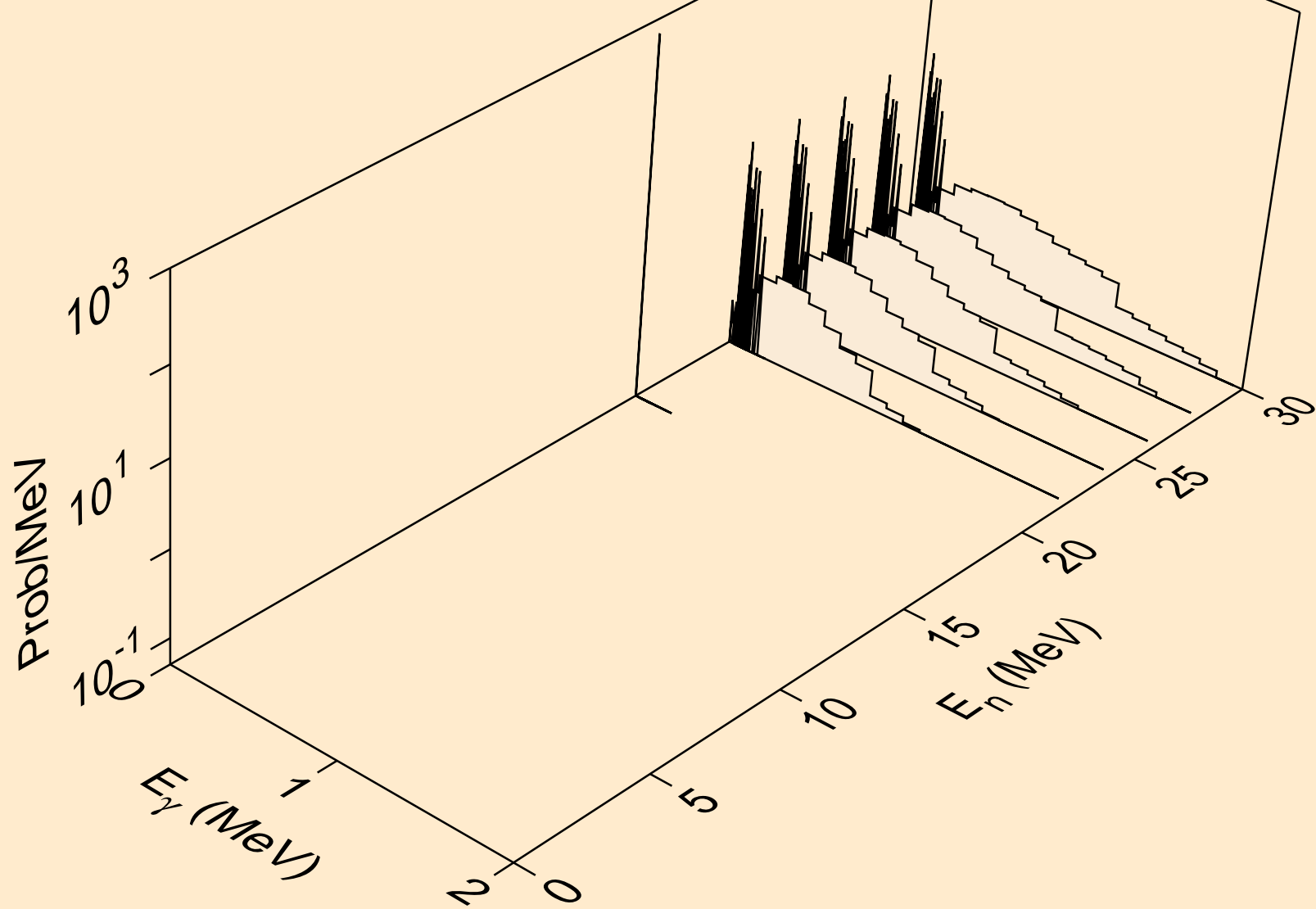
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



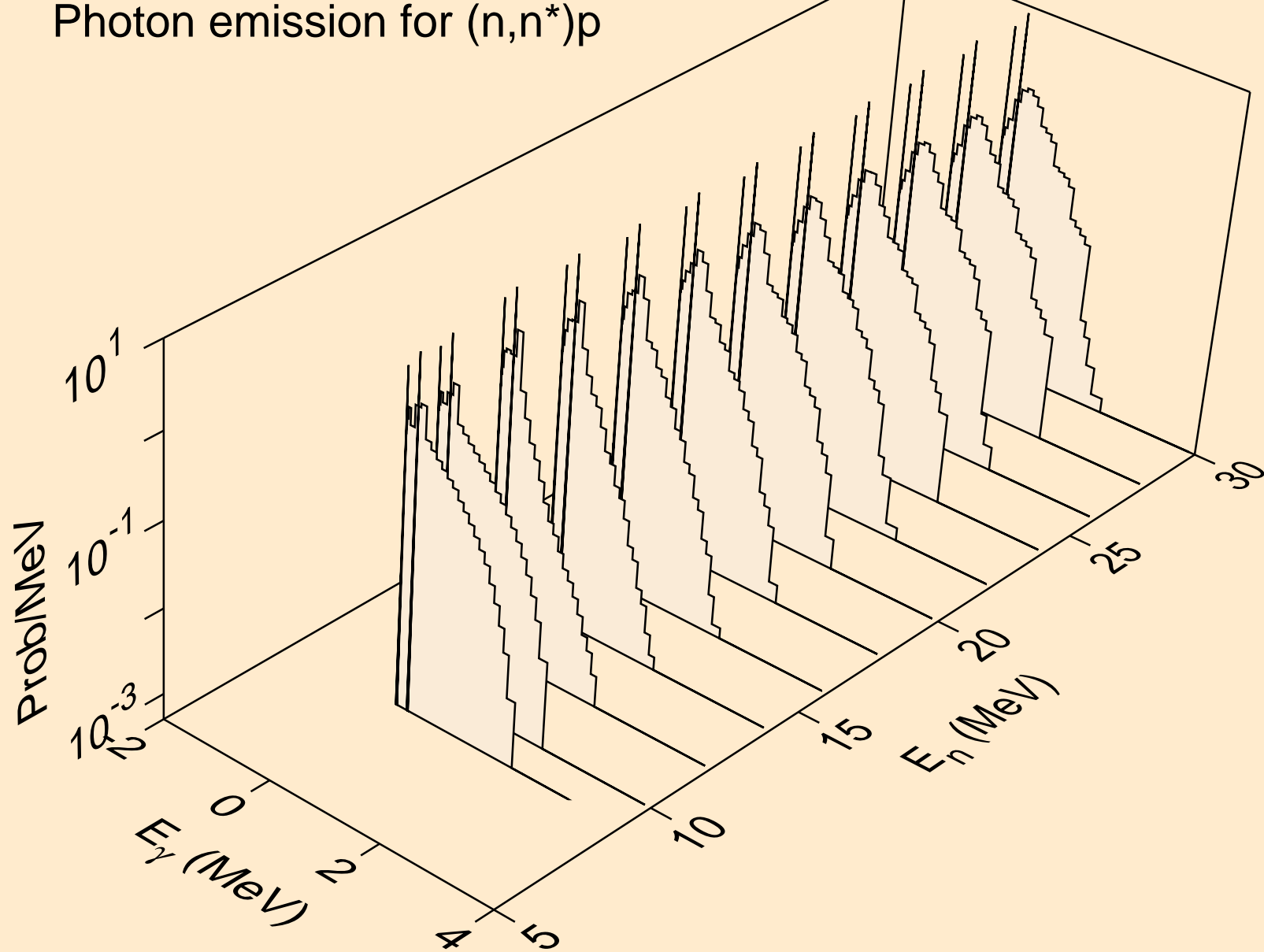
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



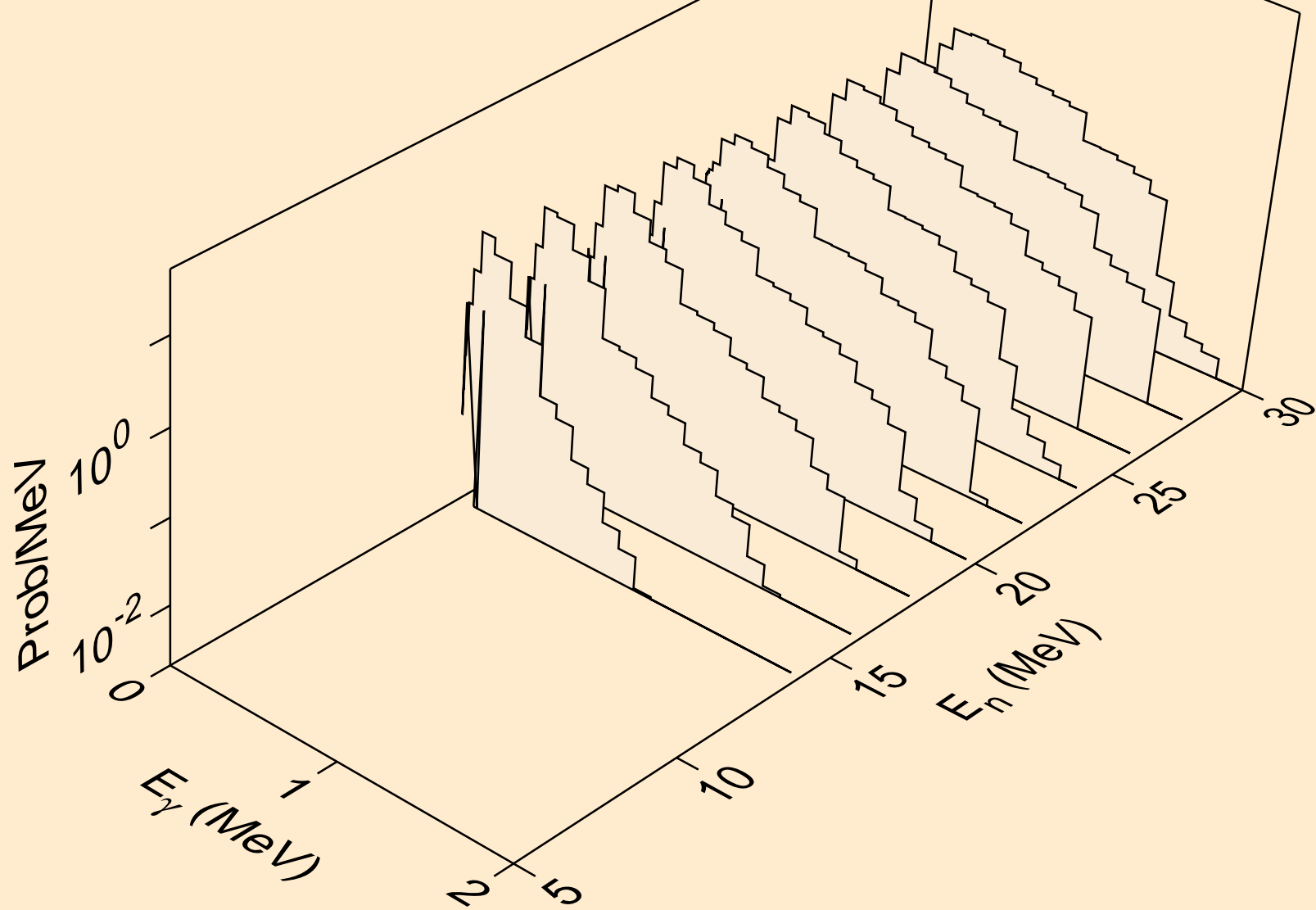
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



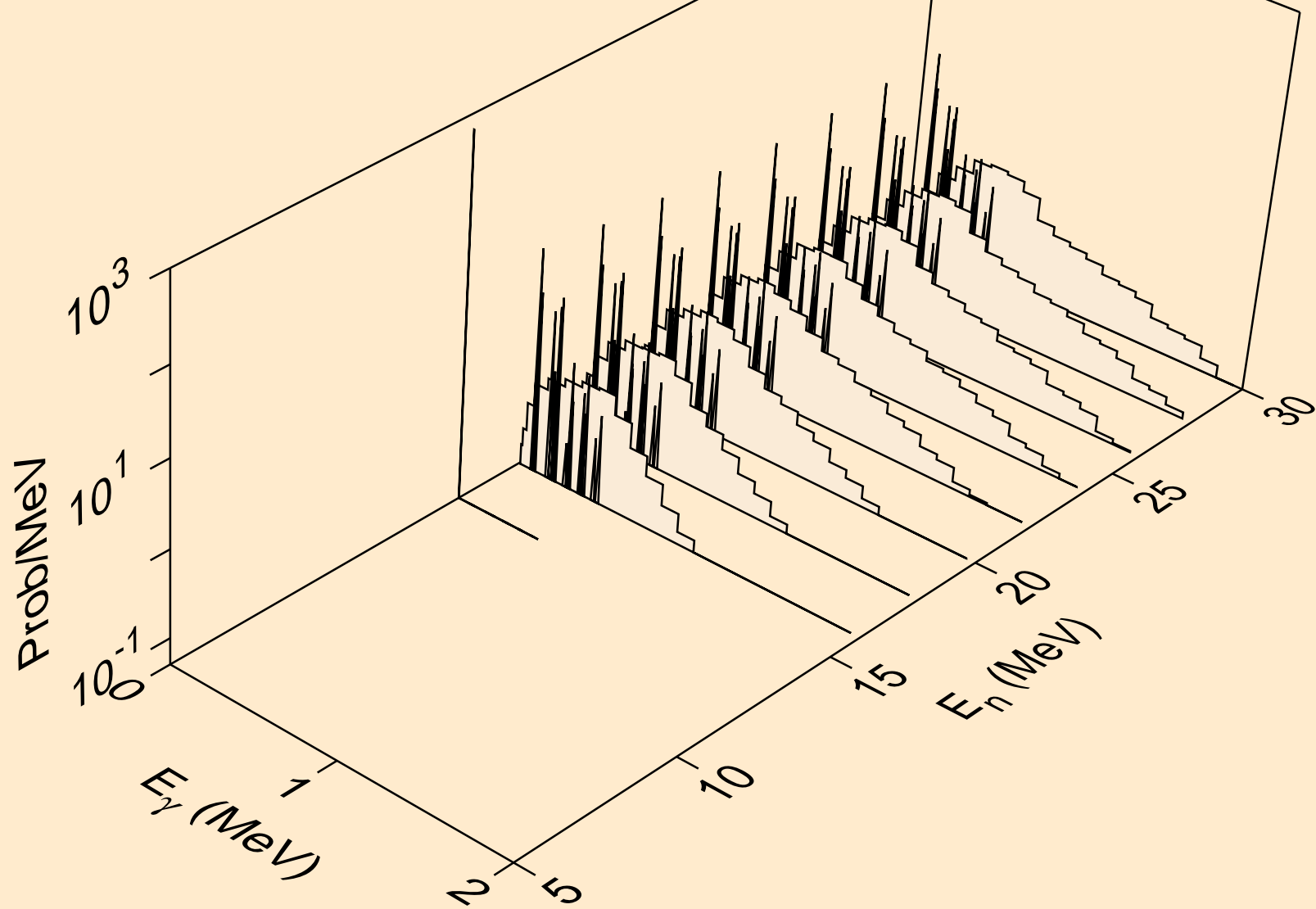
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



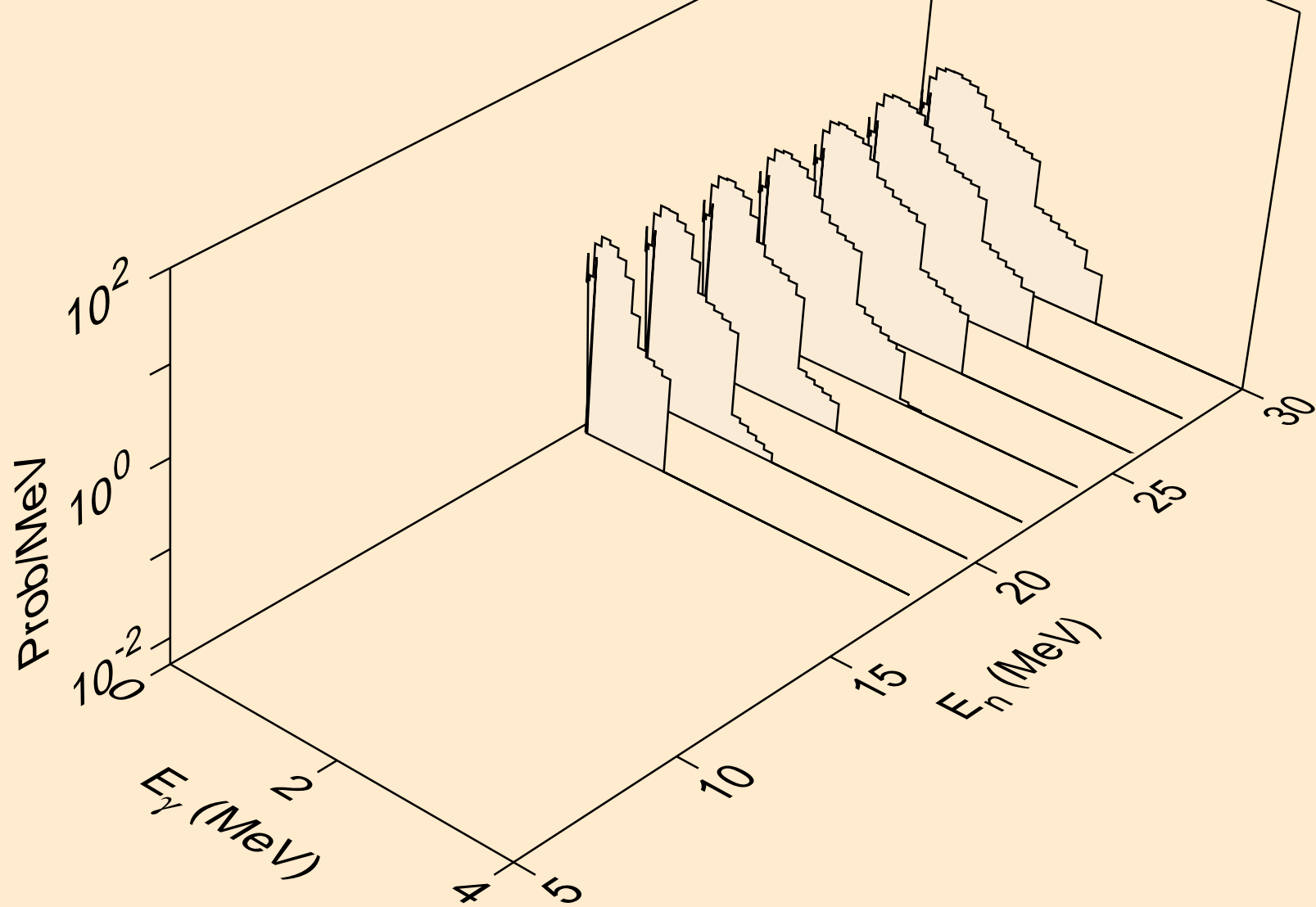
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

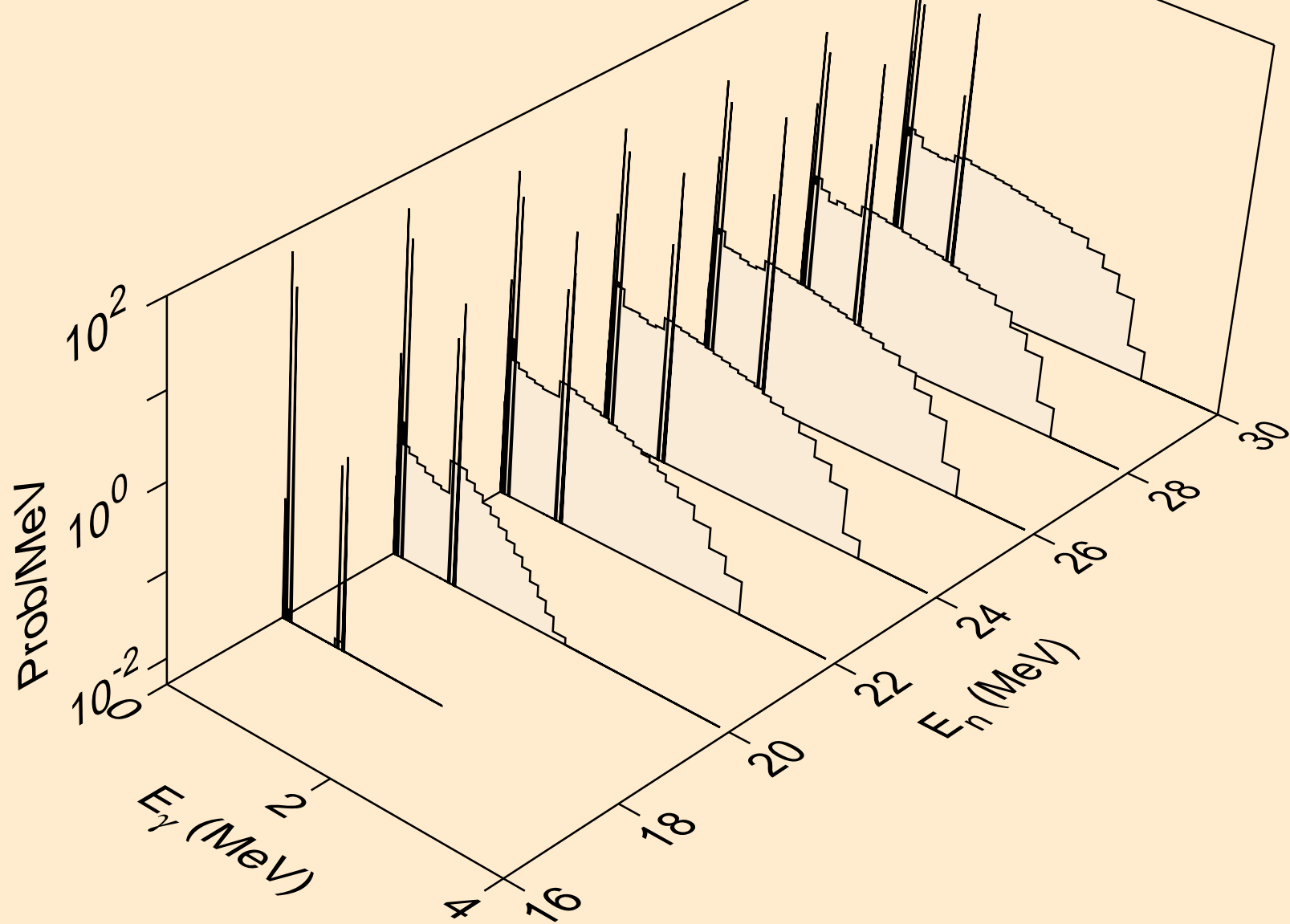


ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

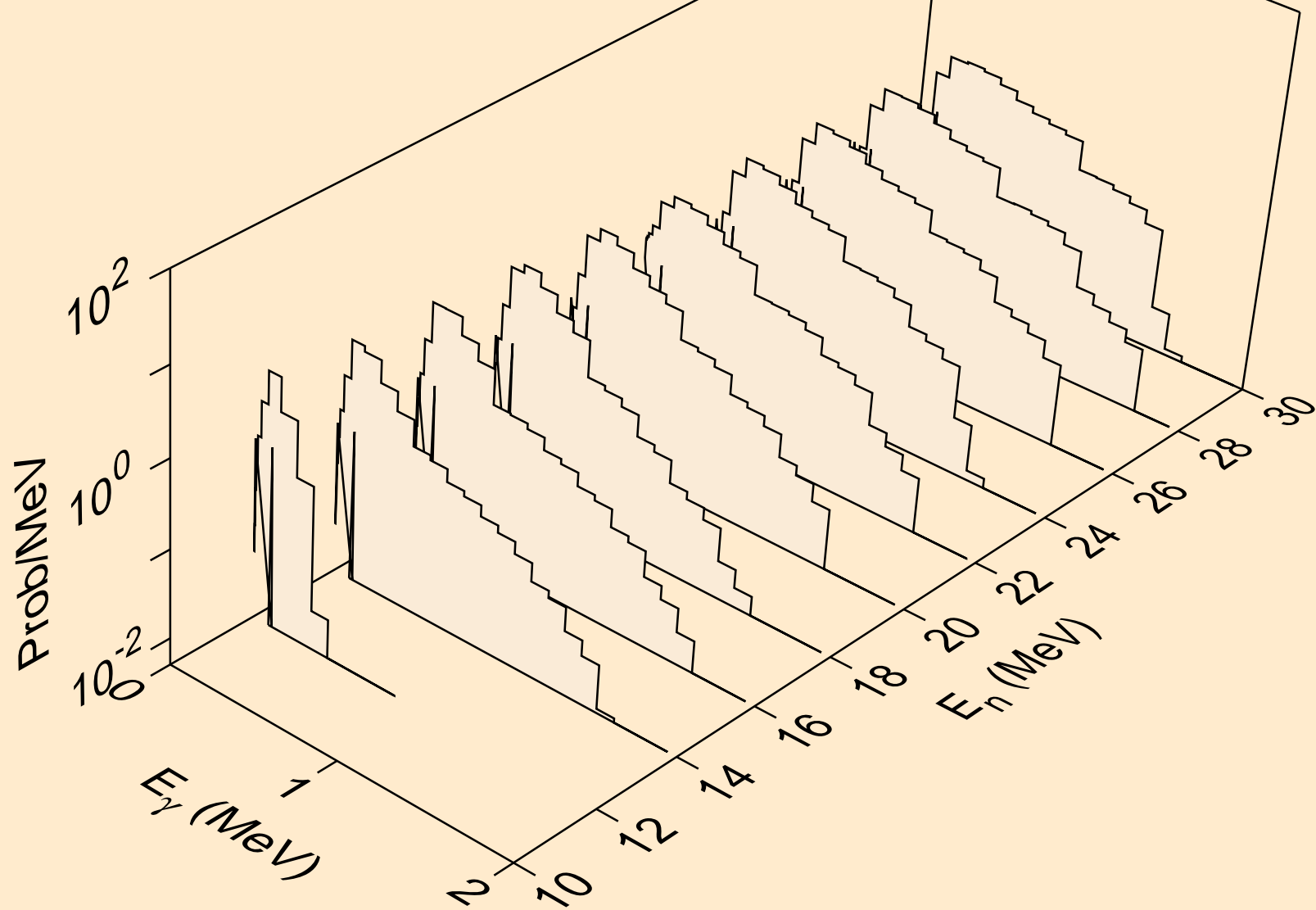




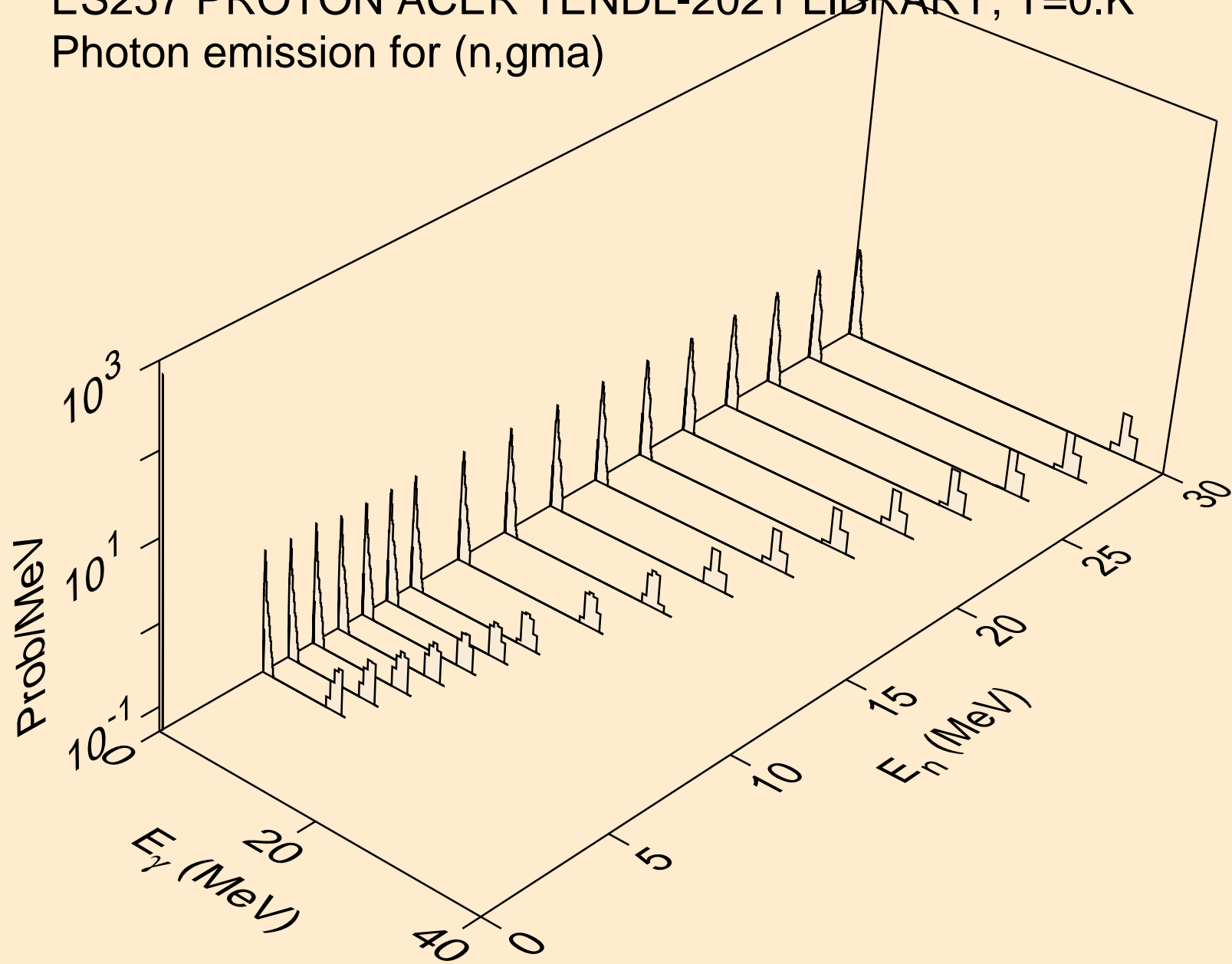
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



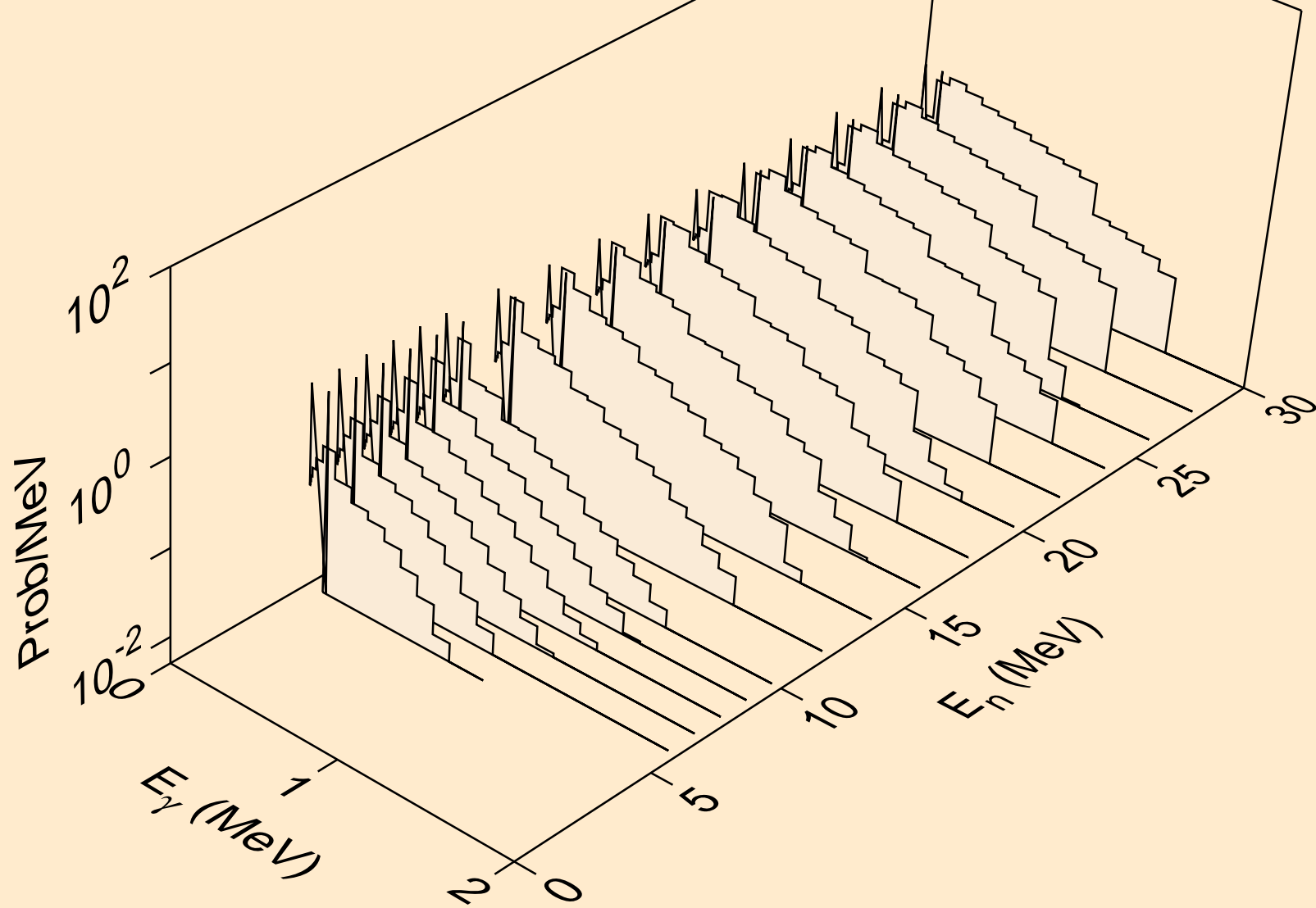
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



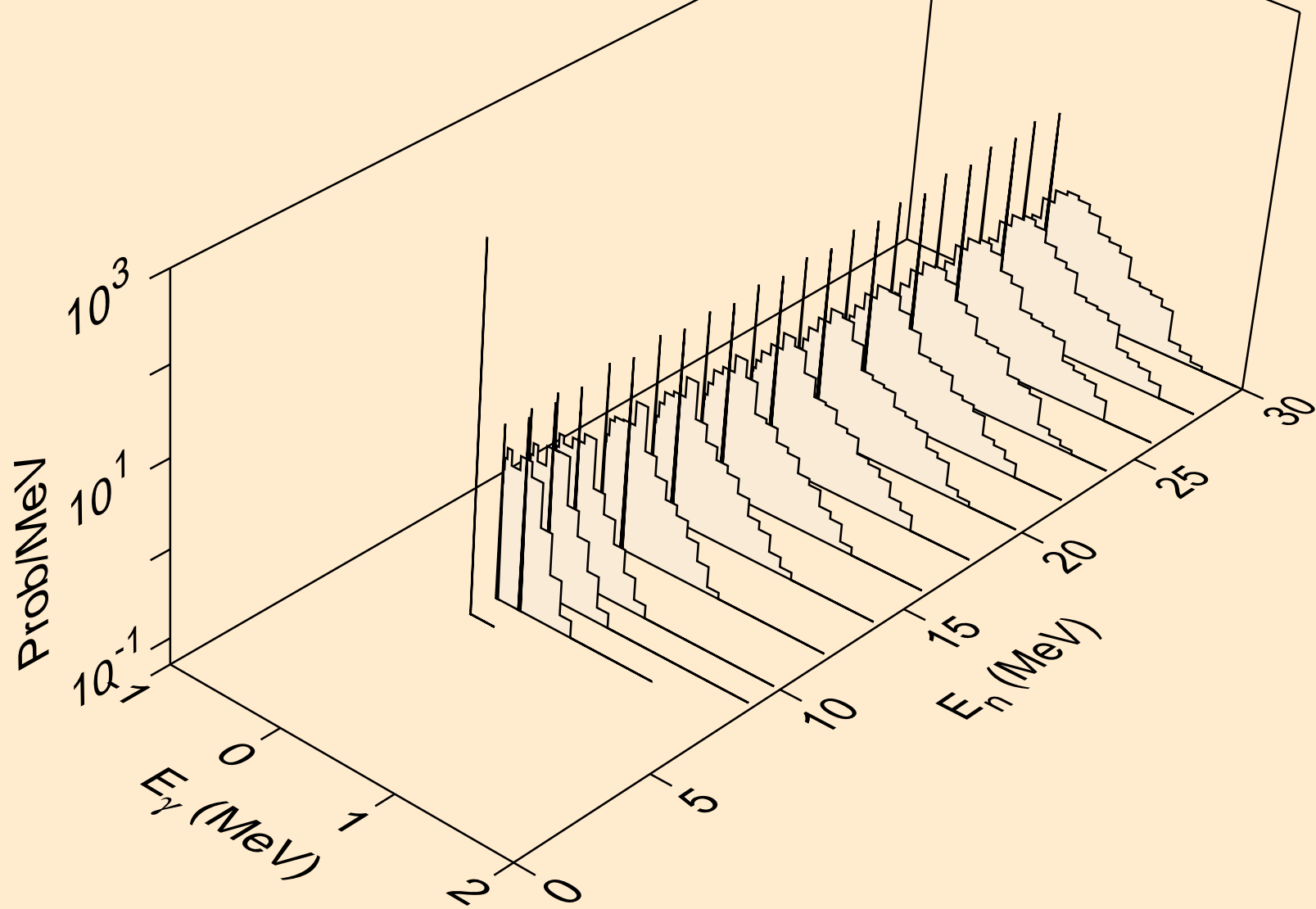
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



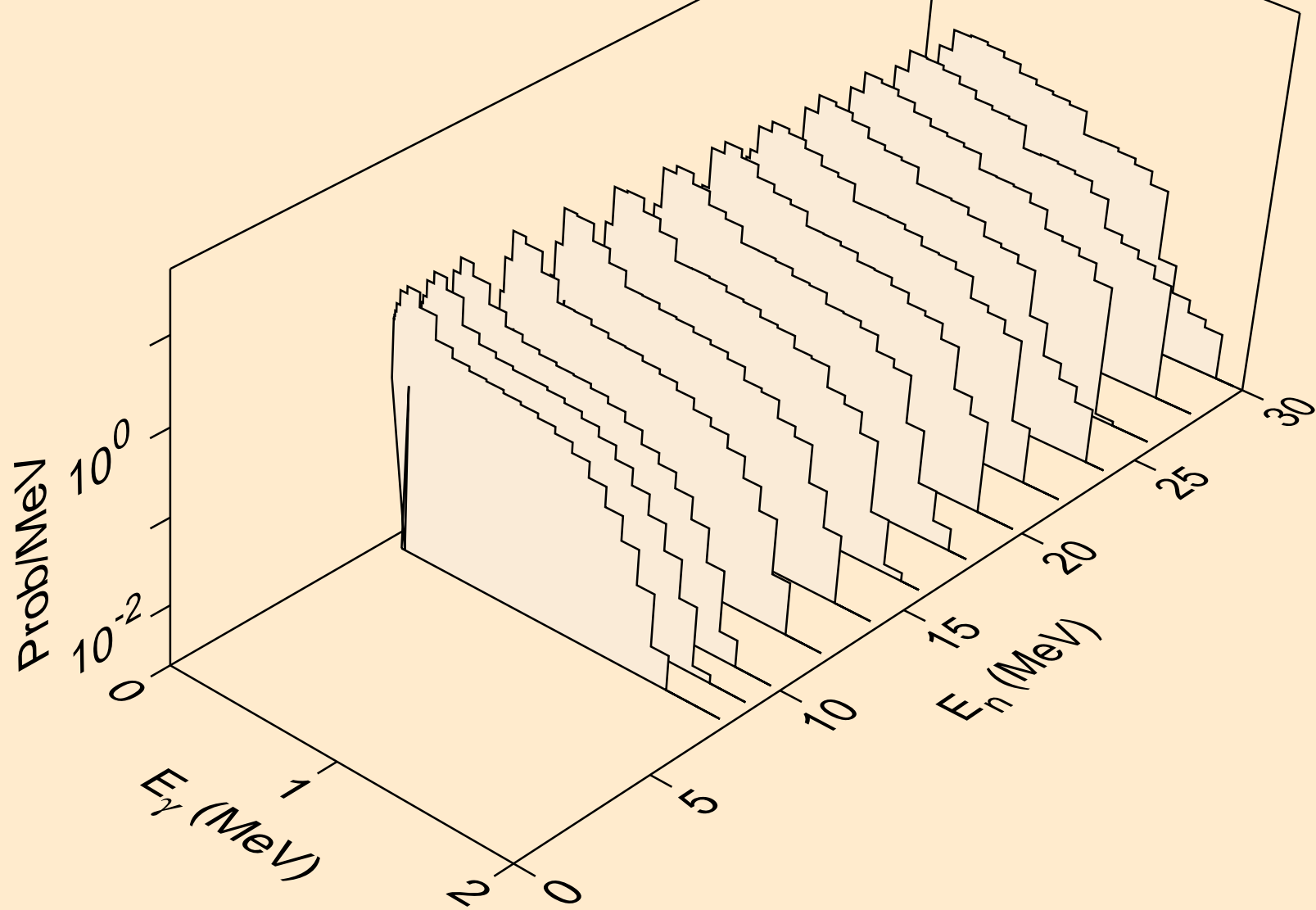
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



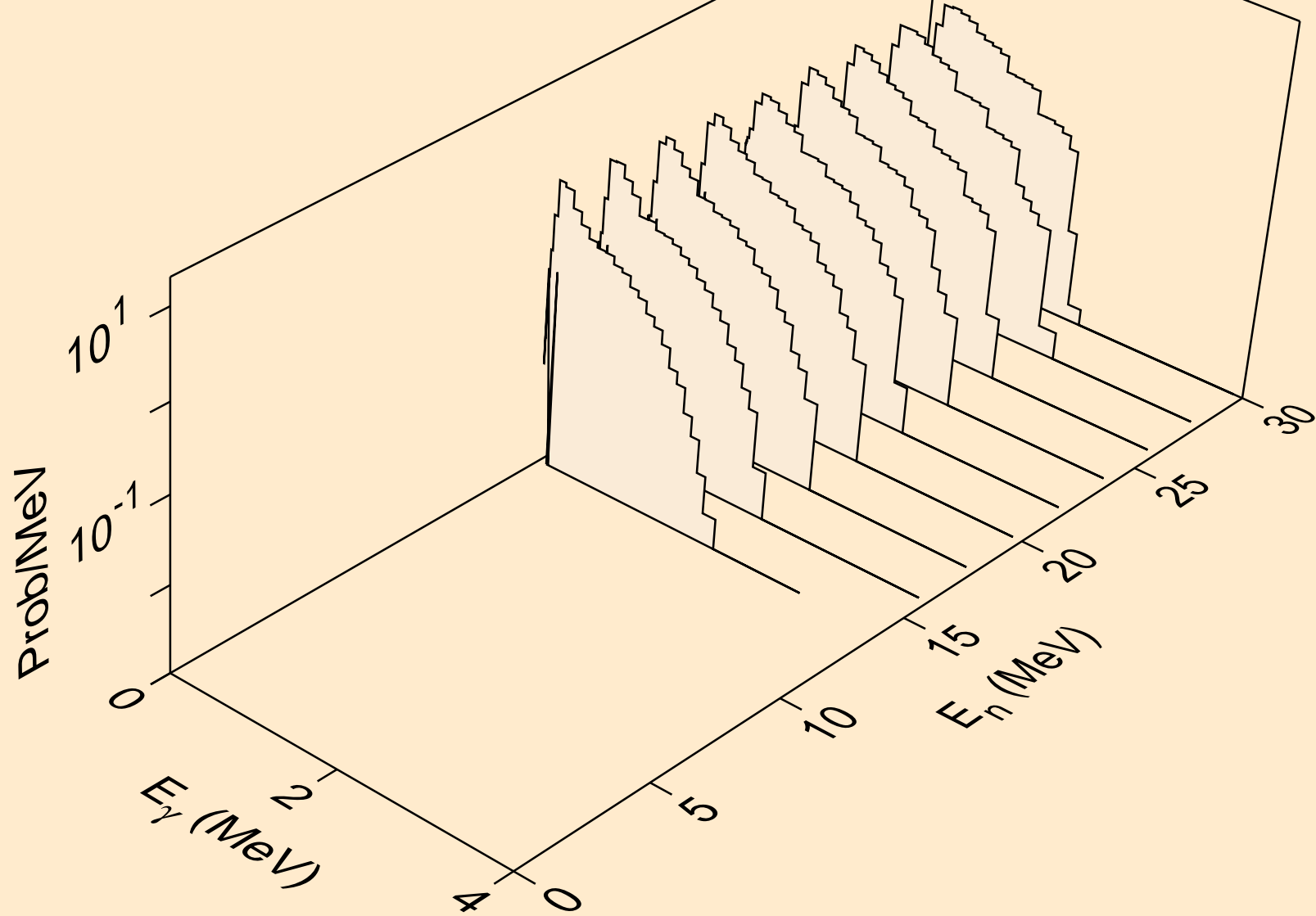
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



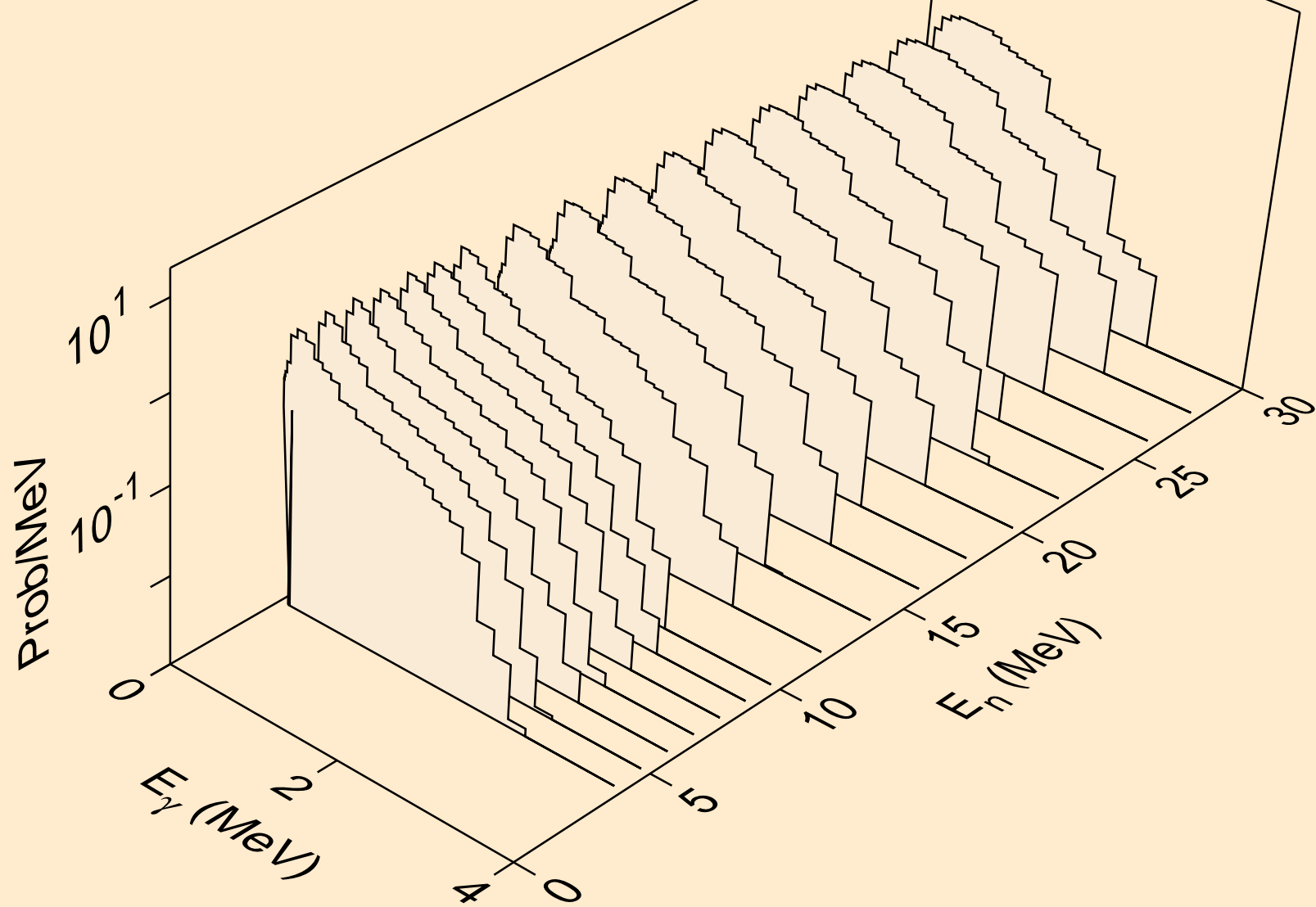
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

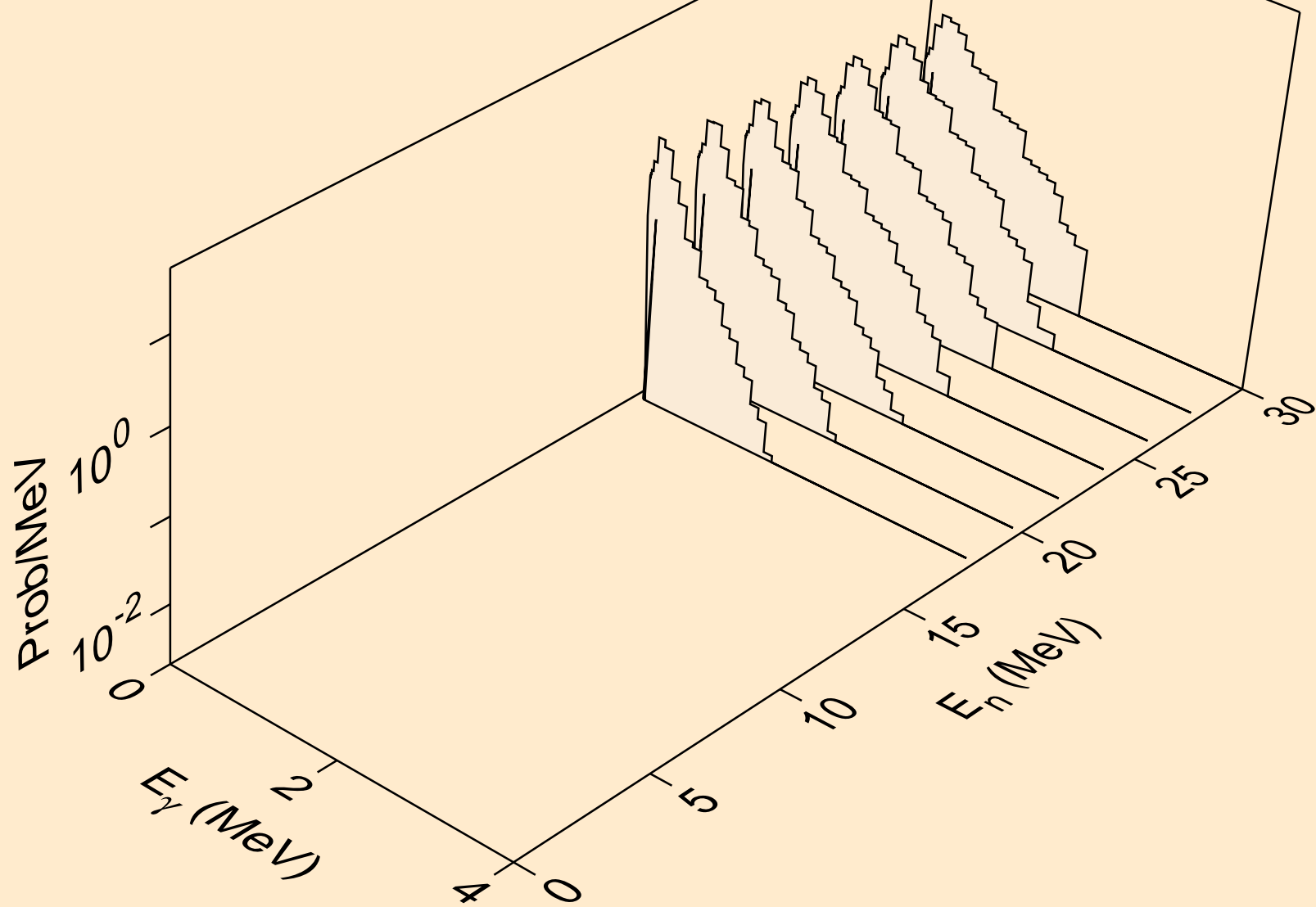


ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



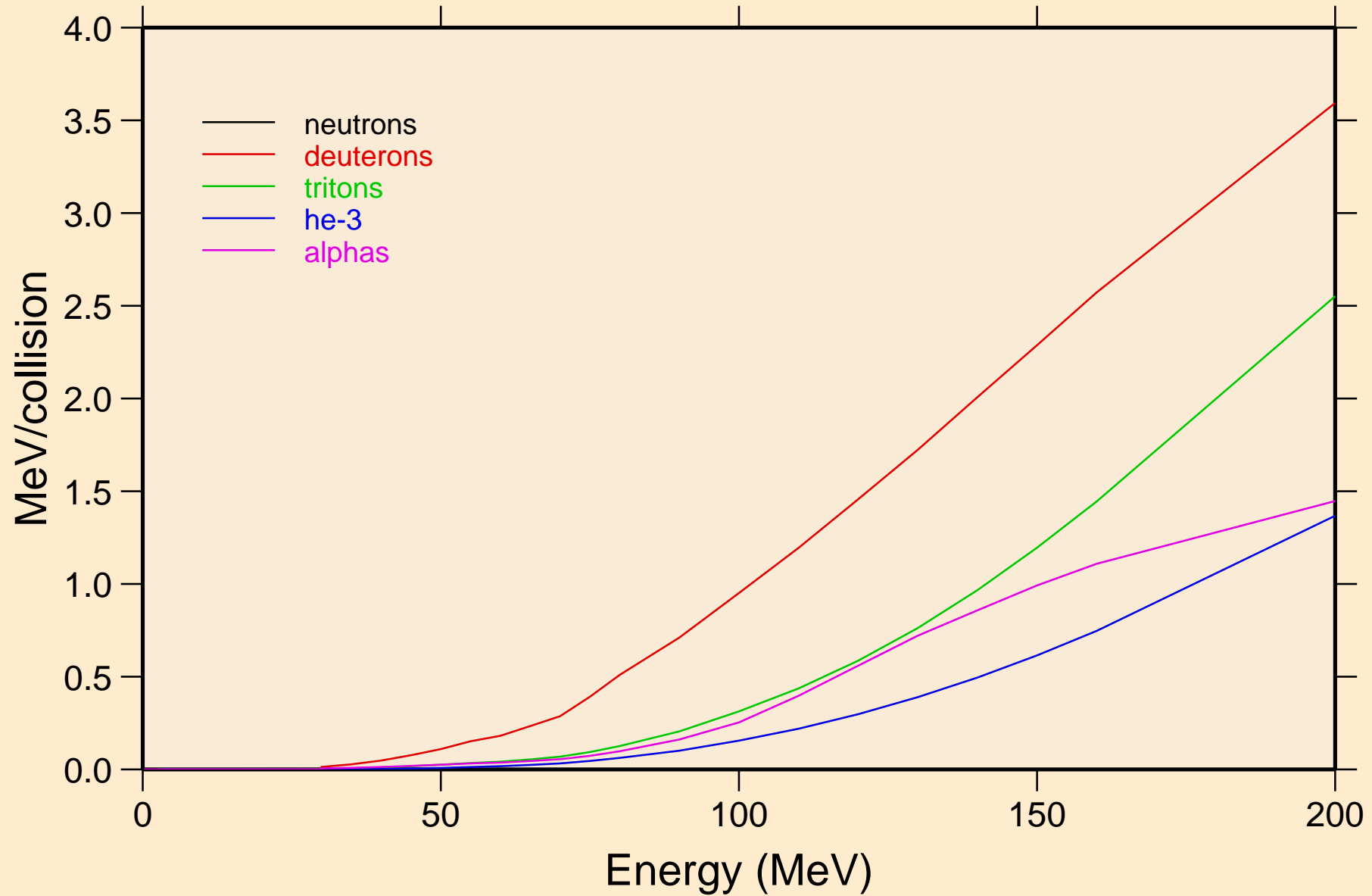


ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

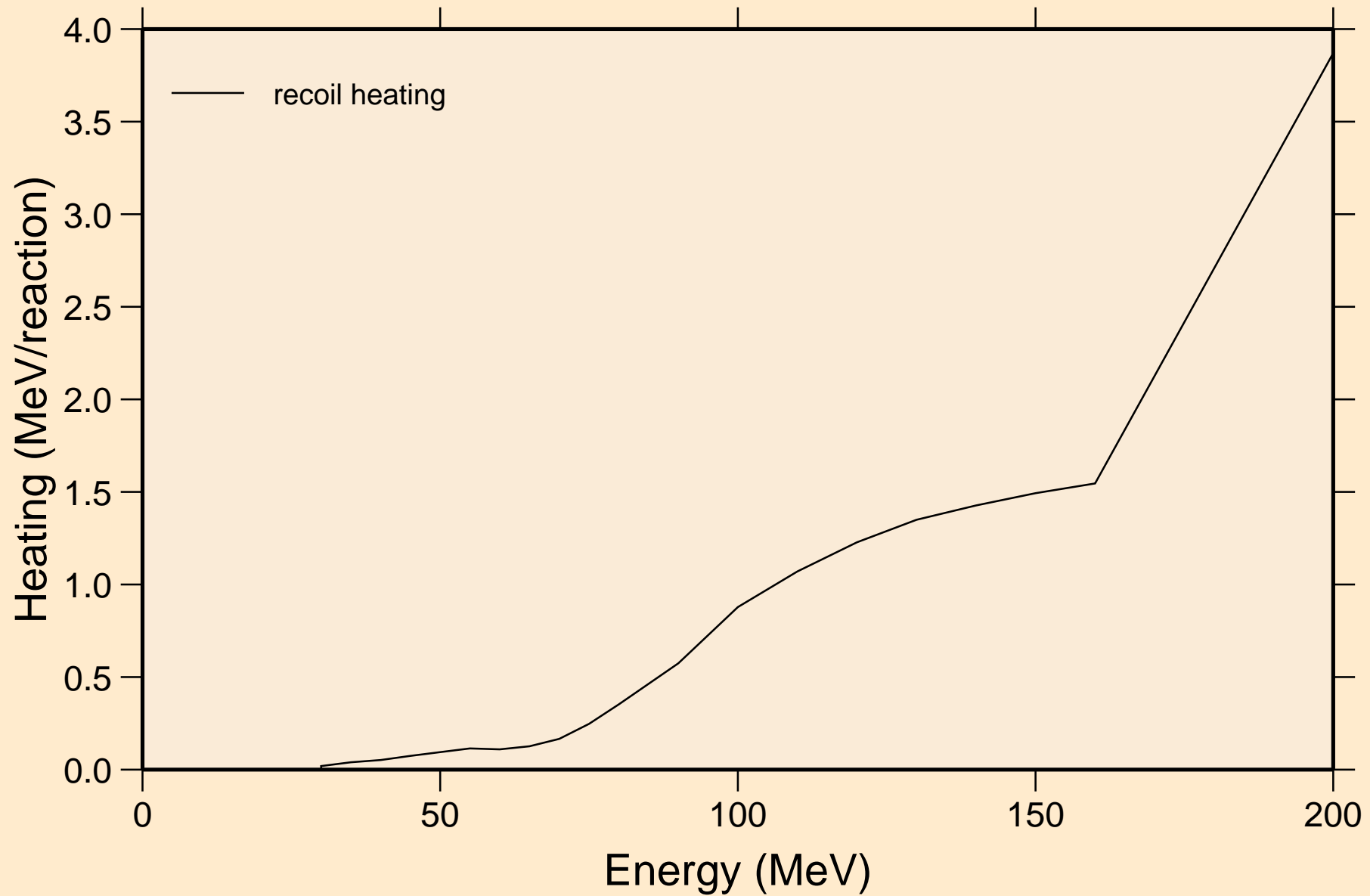


# ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K

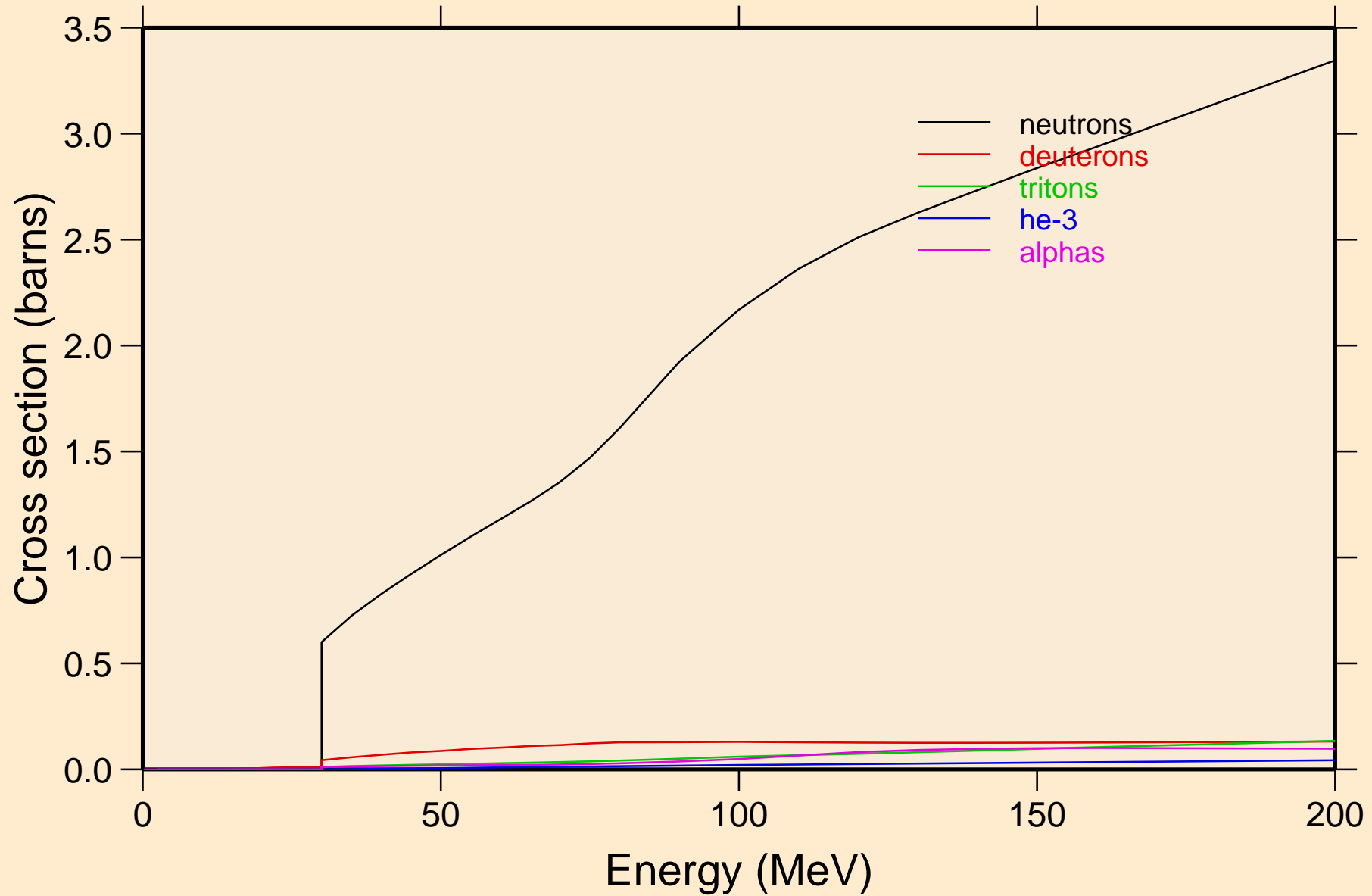
## Particle heating contributions



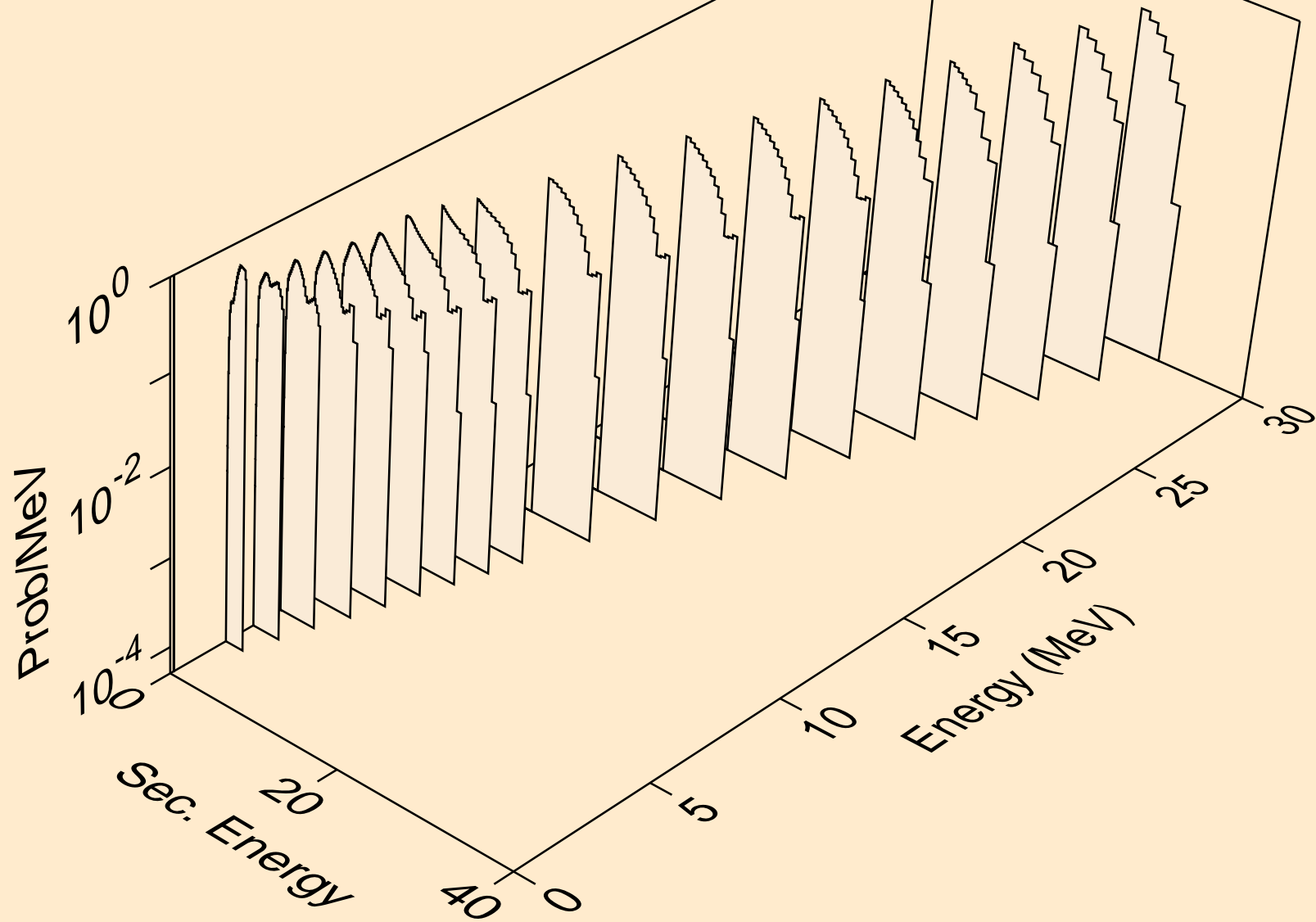
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



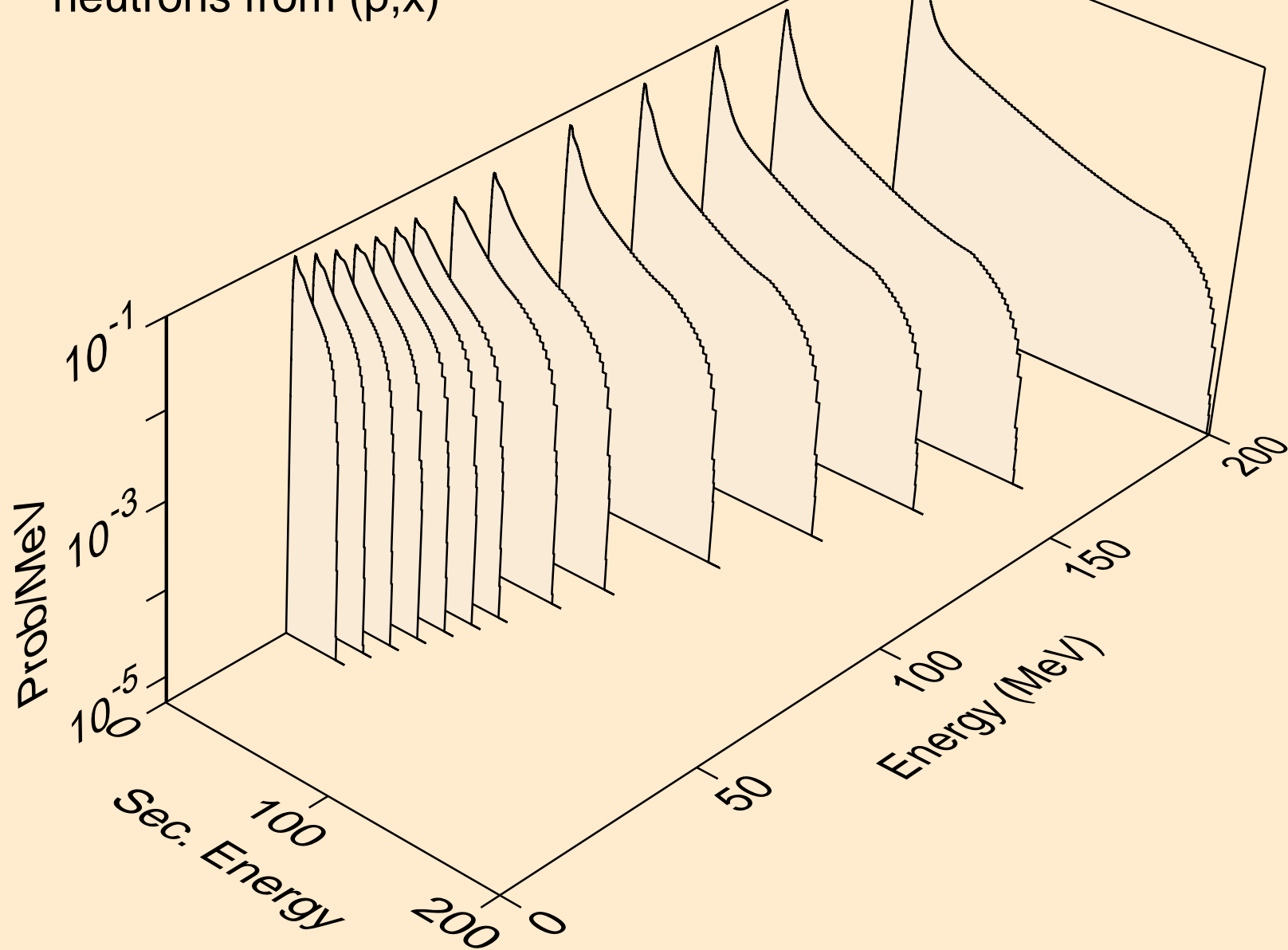
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



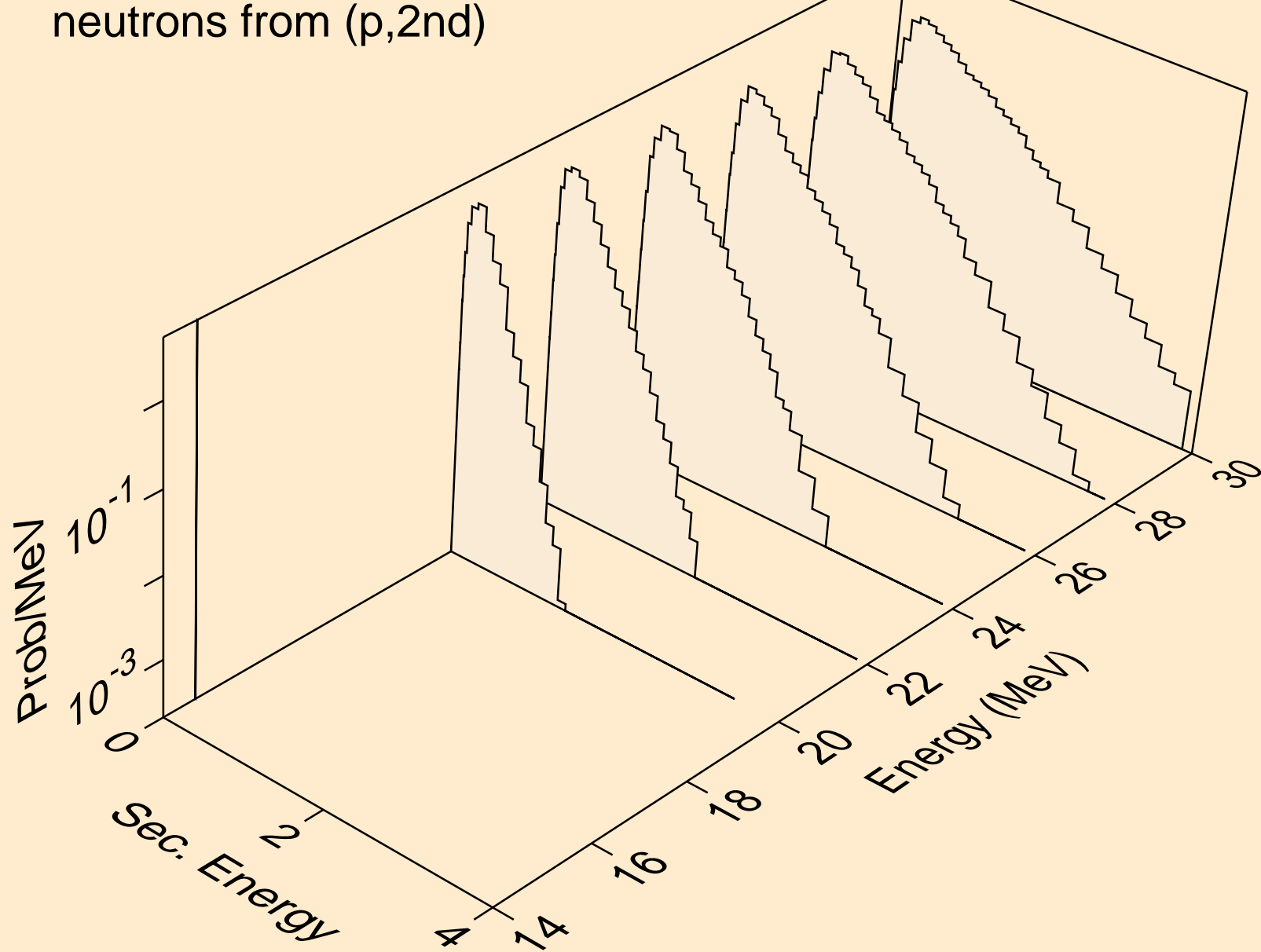
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



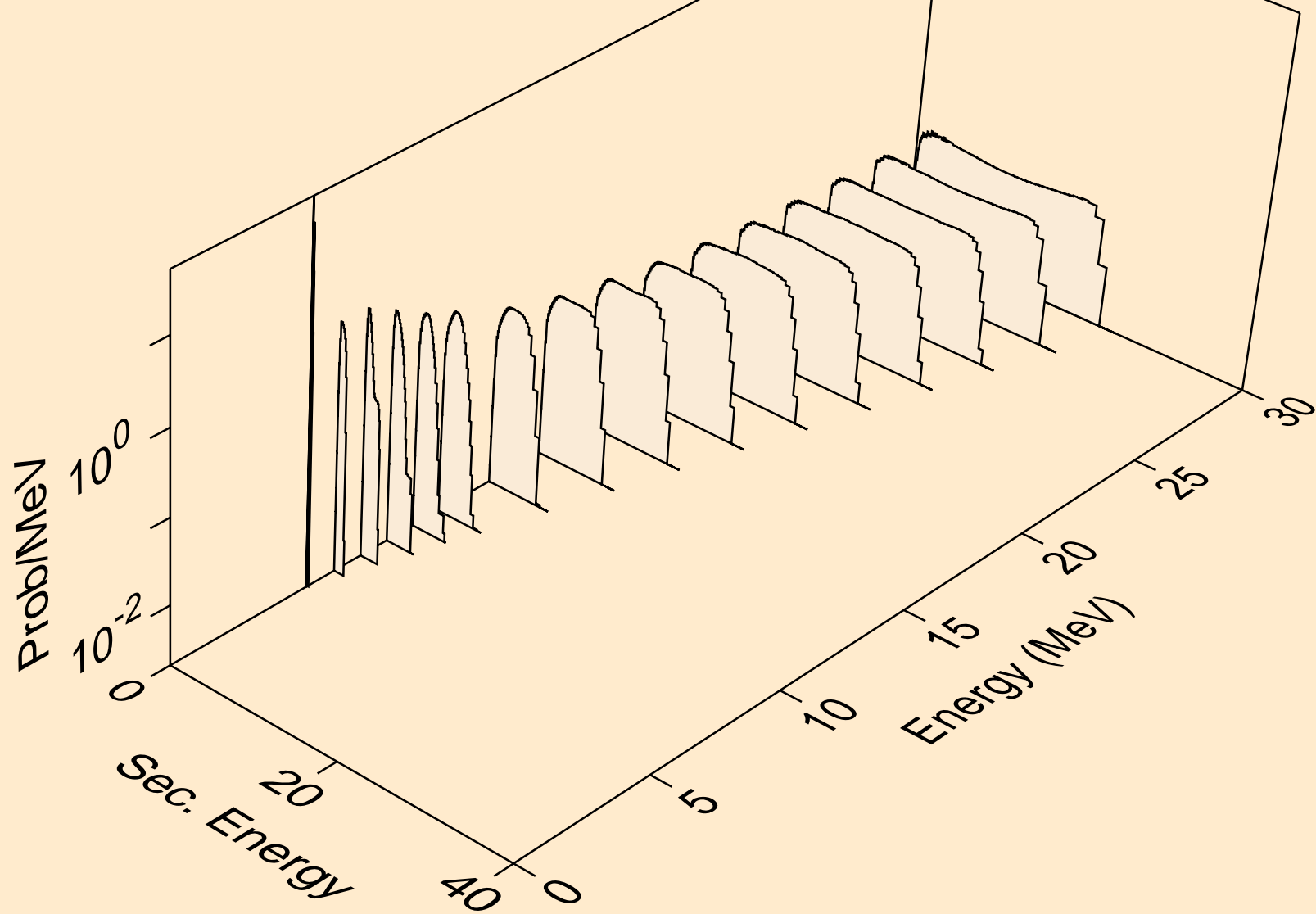
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)

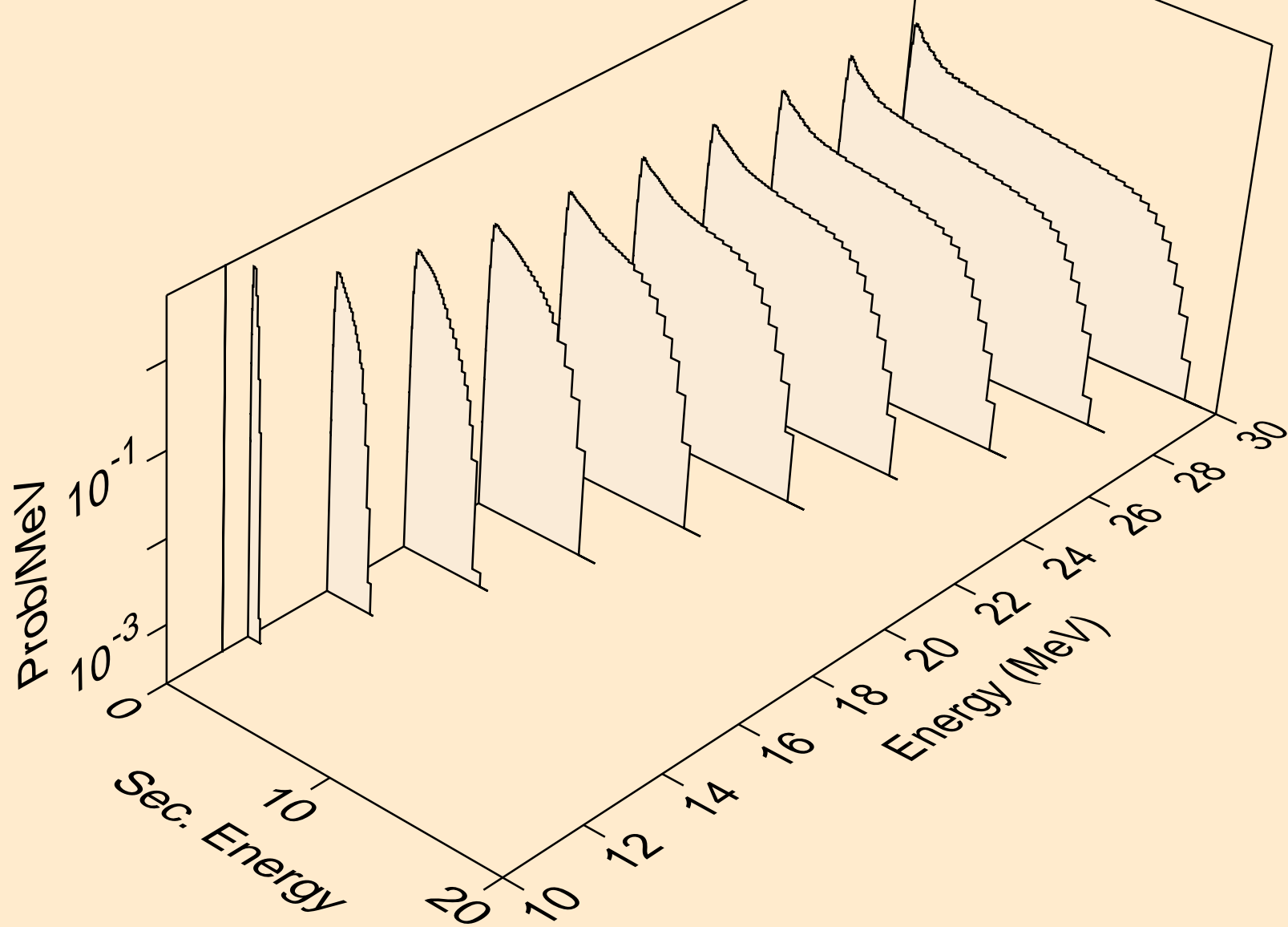


ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

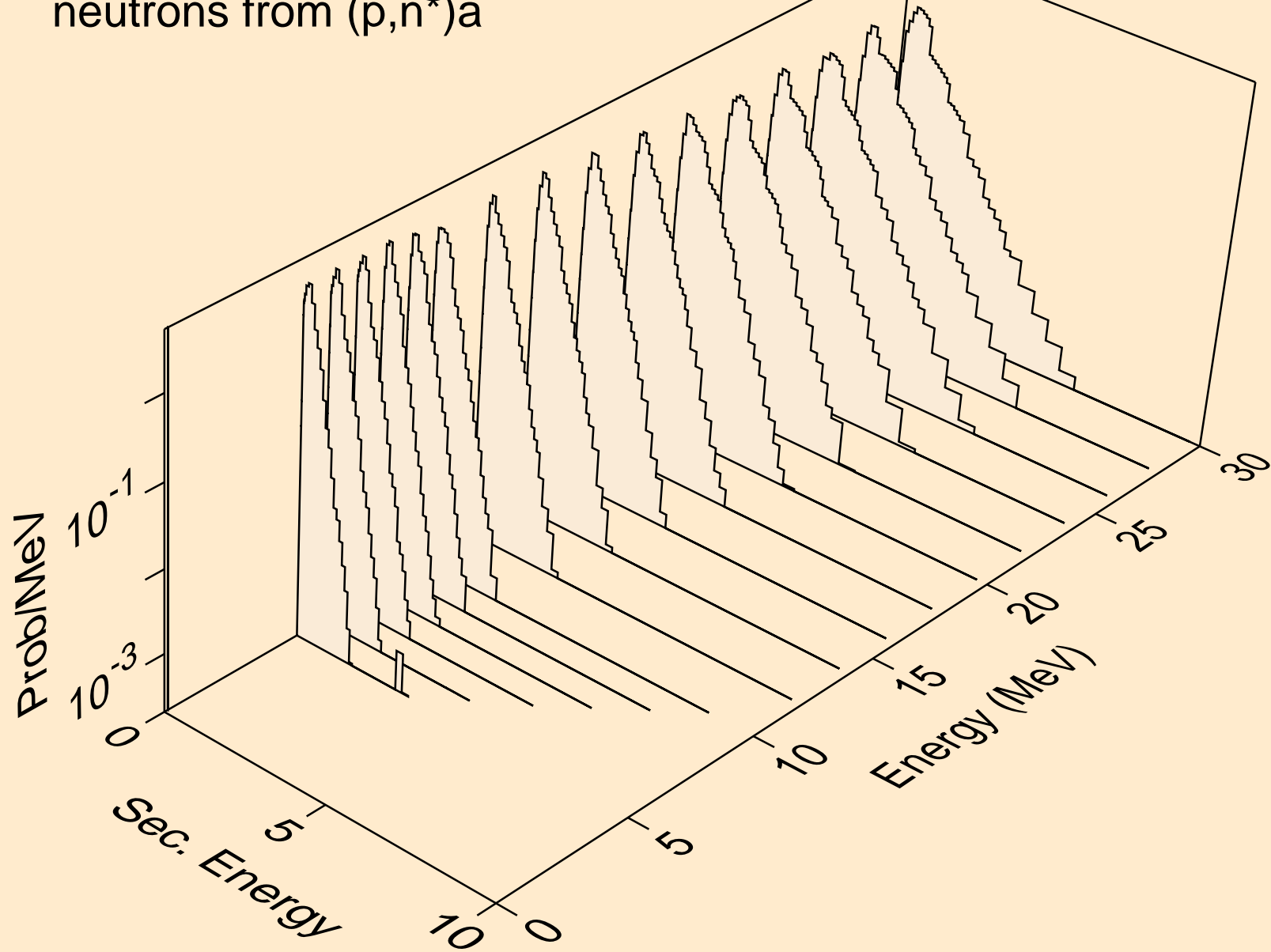




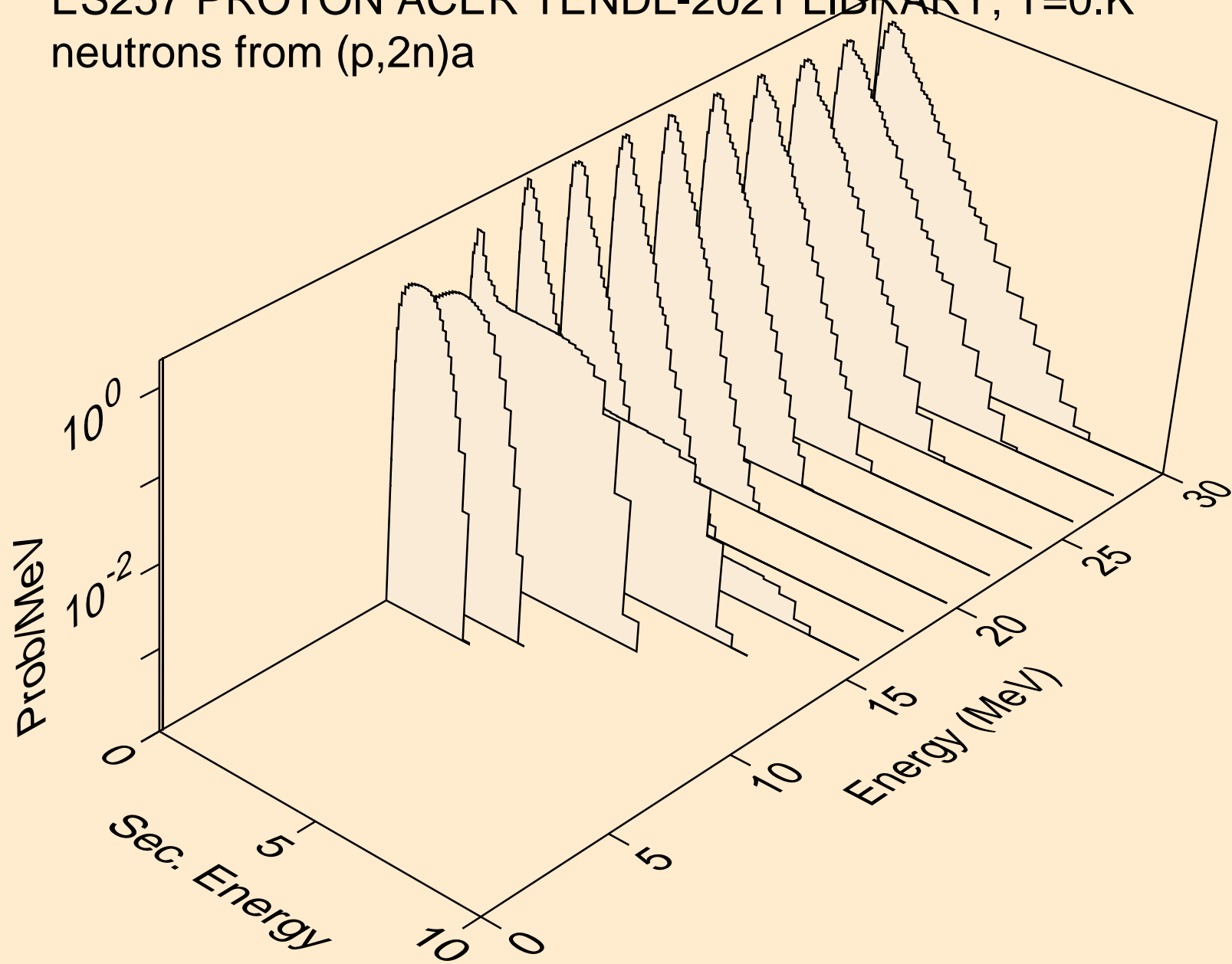
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



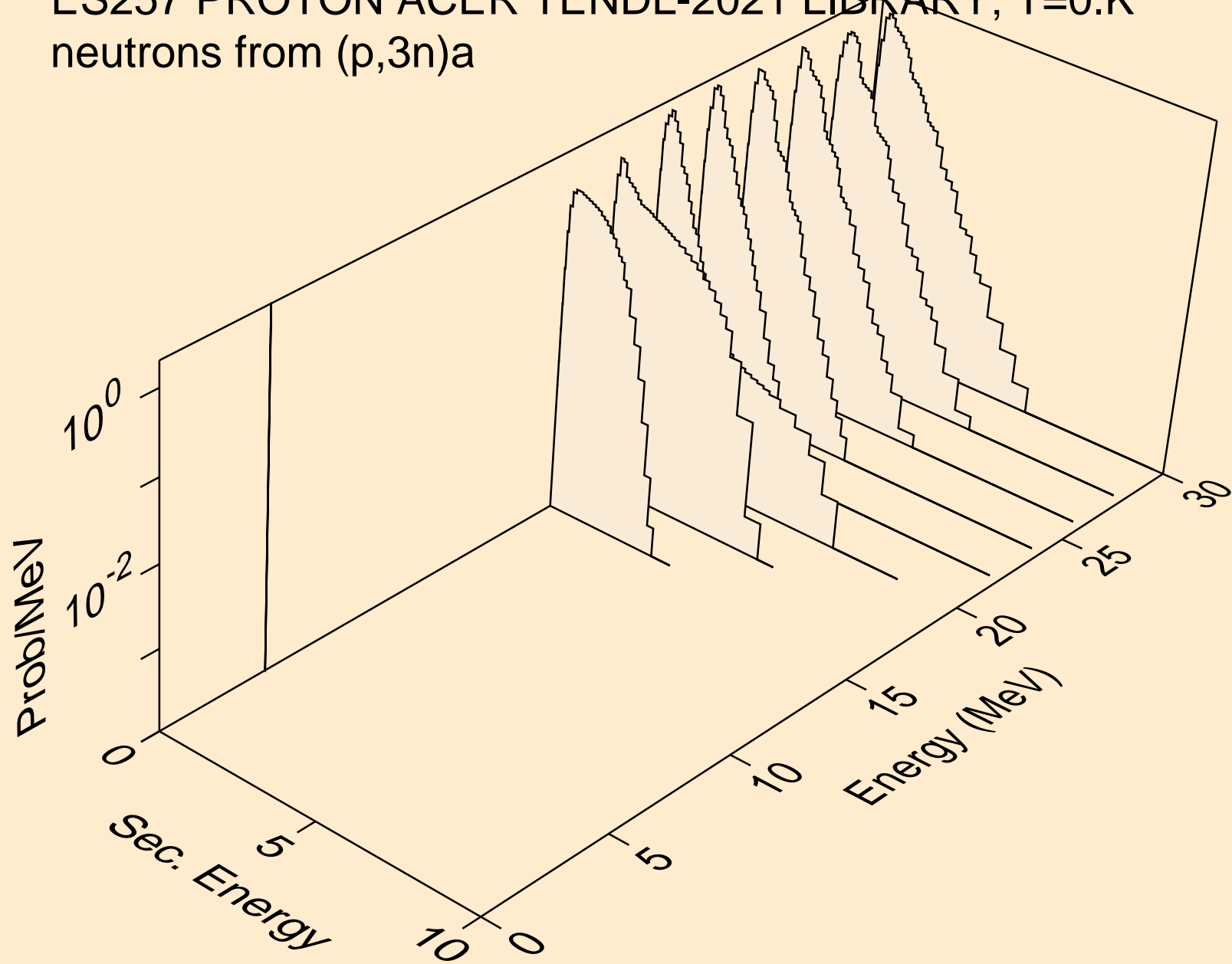
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



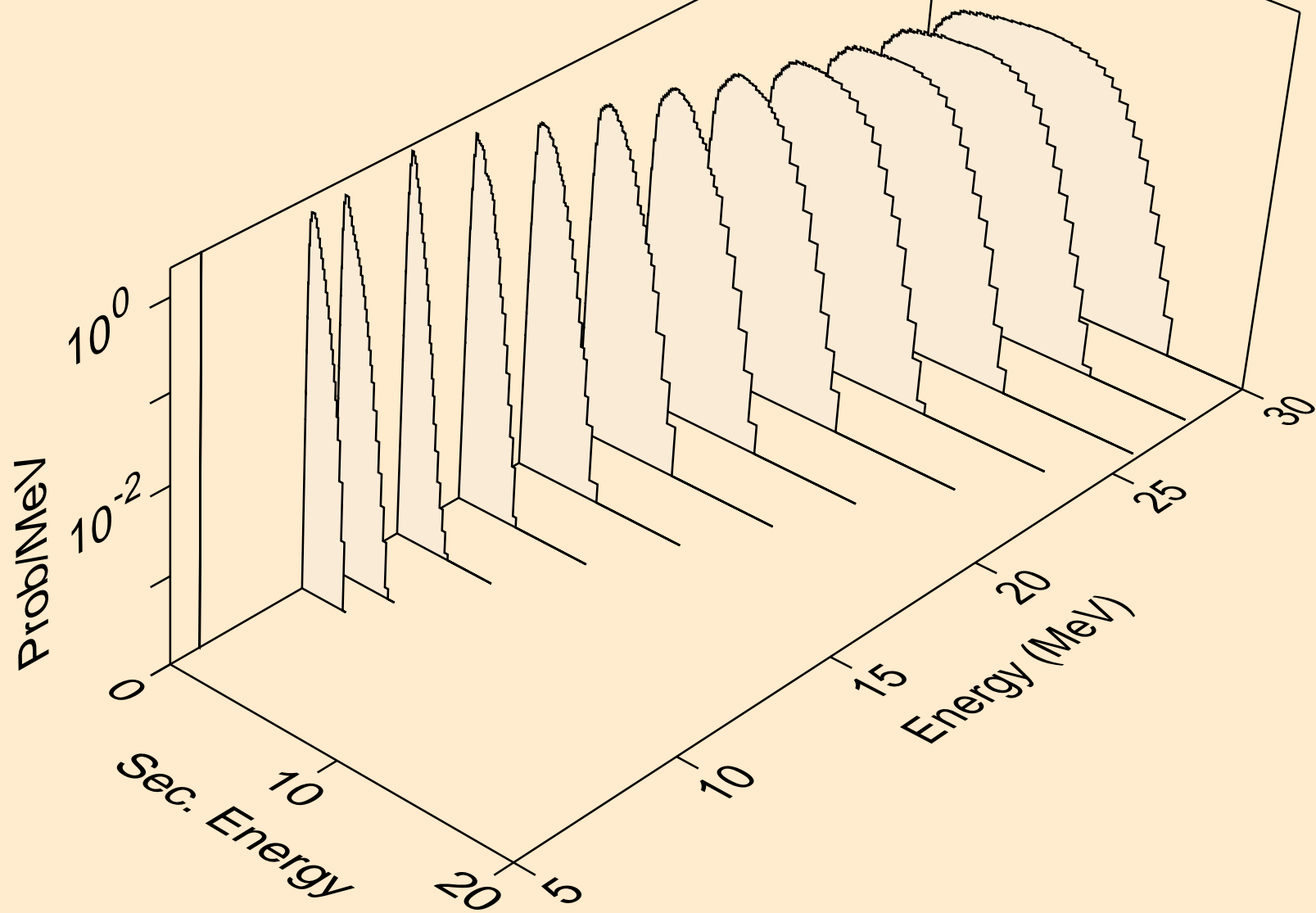
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



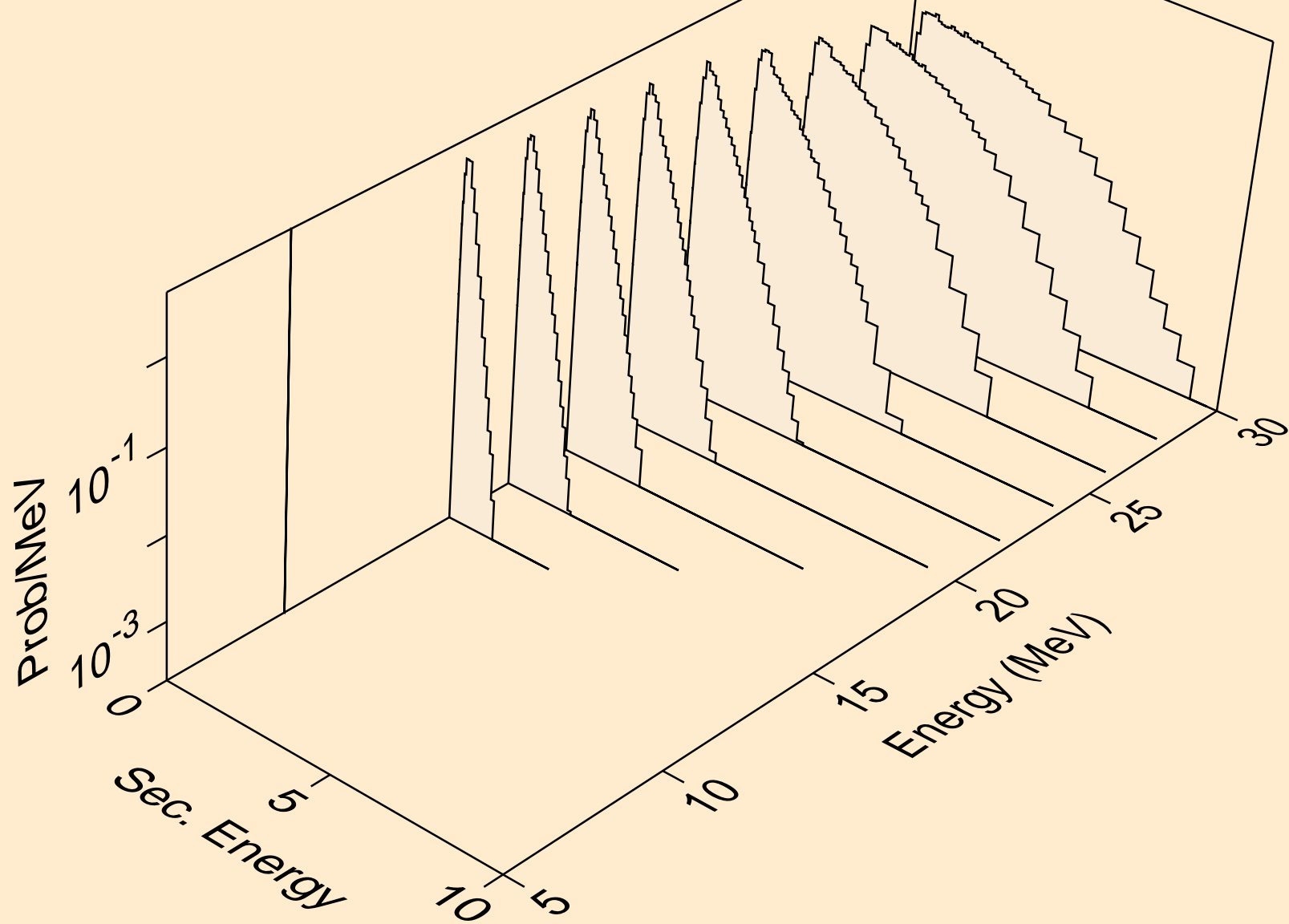
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)a



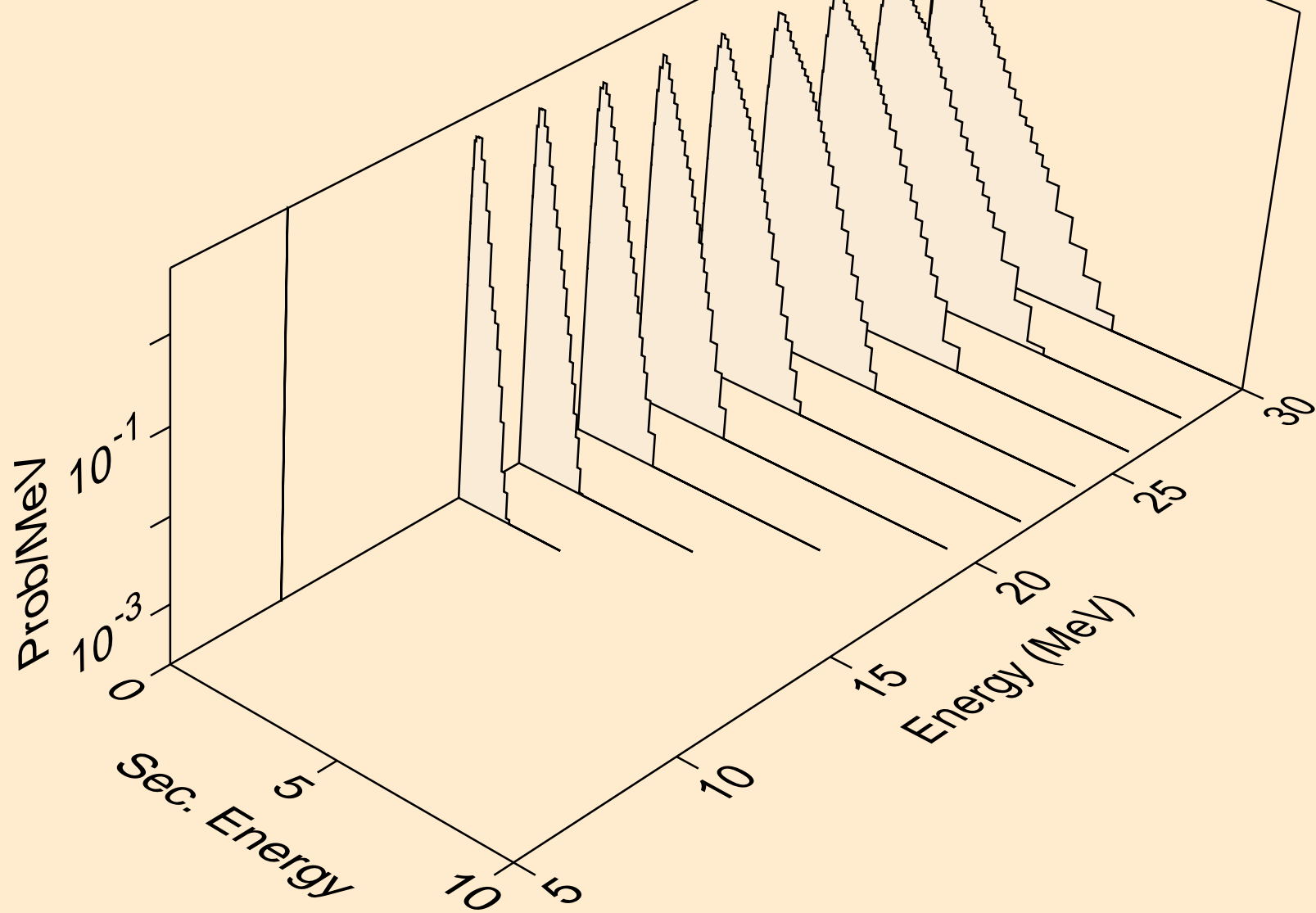
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



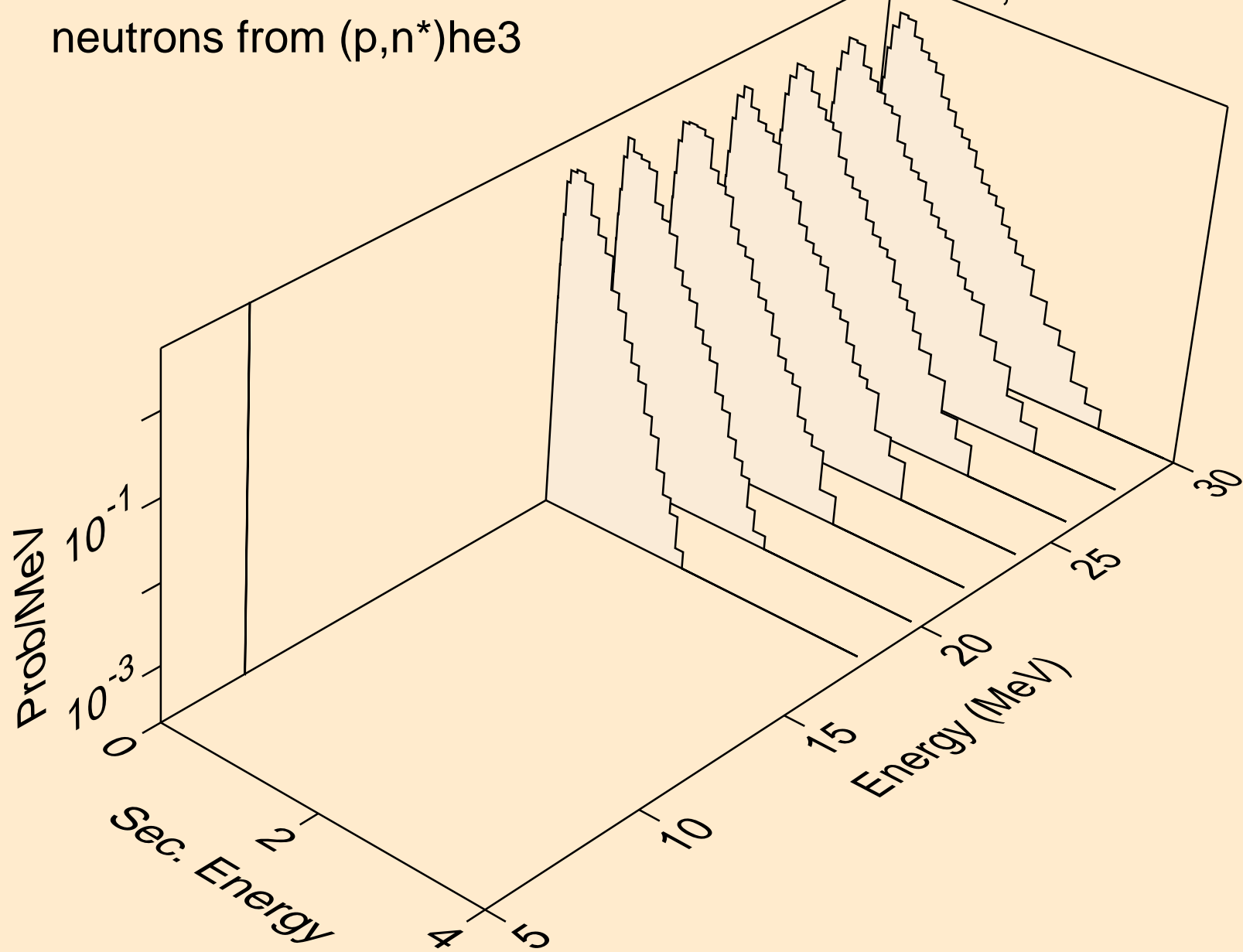
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d



ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t

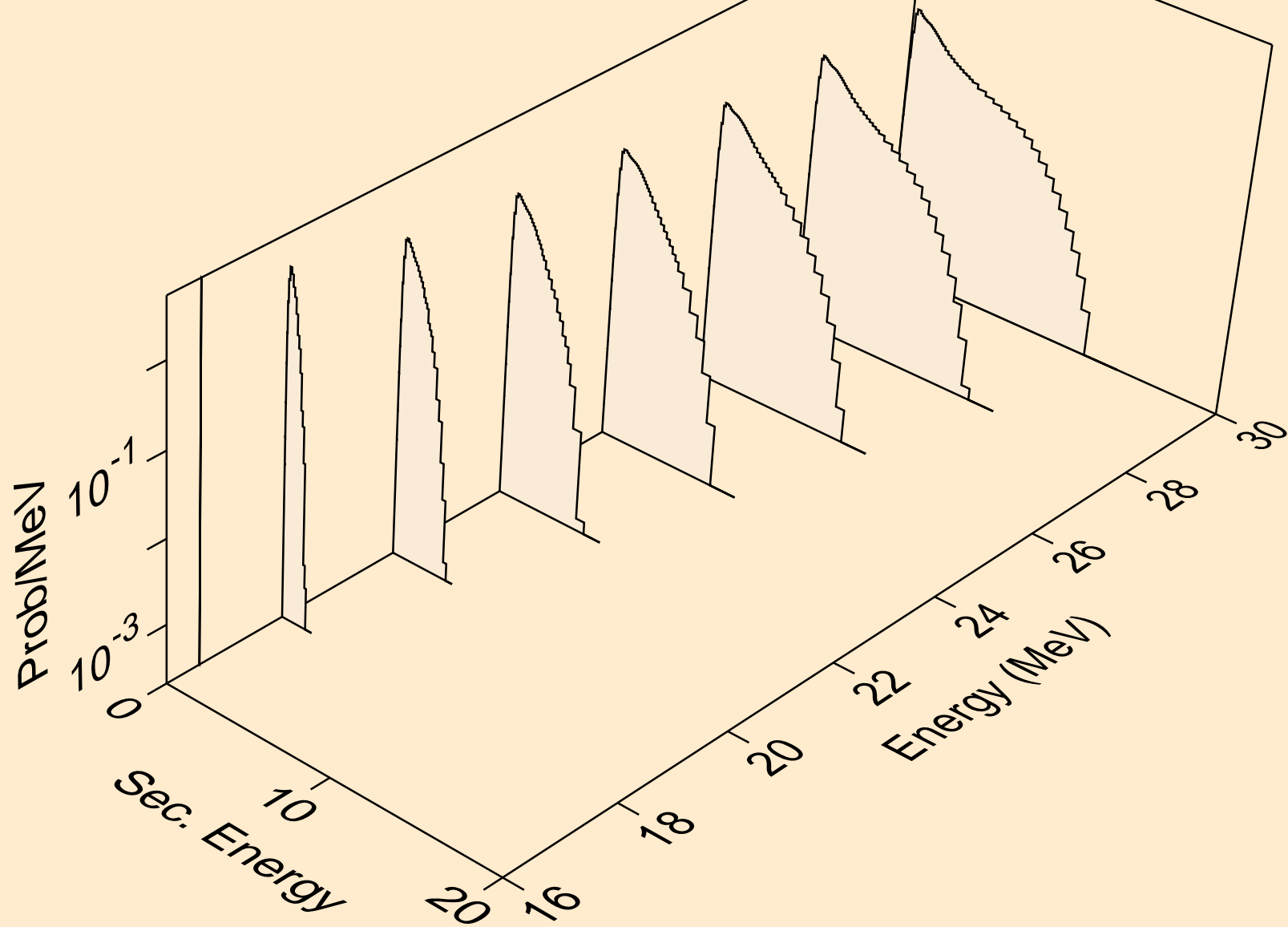


ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

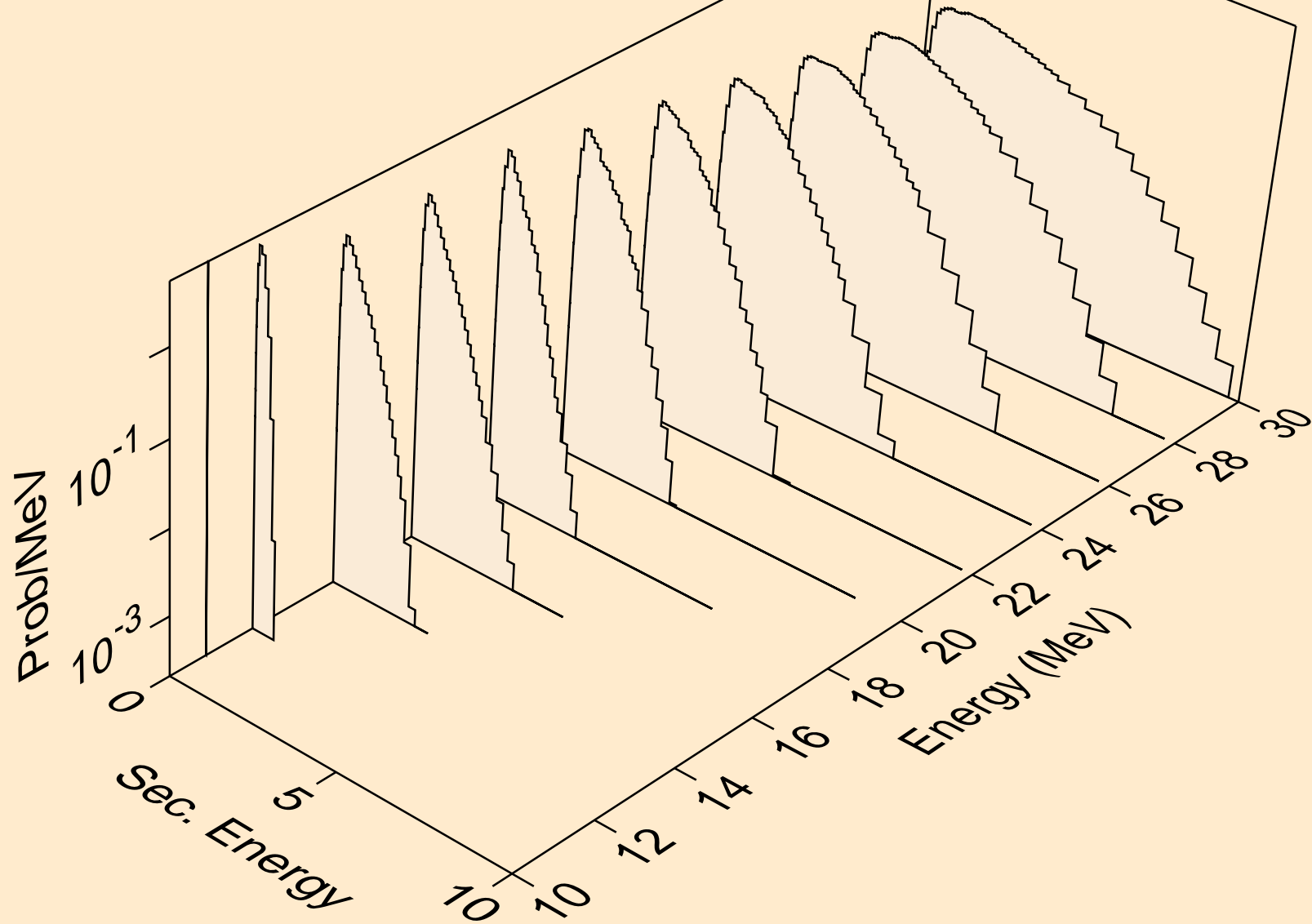




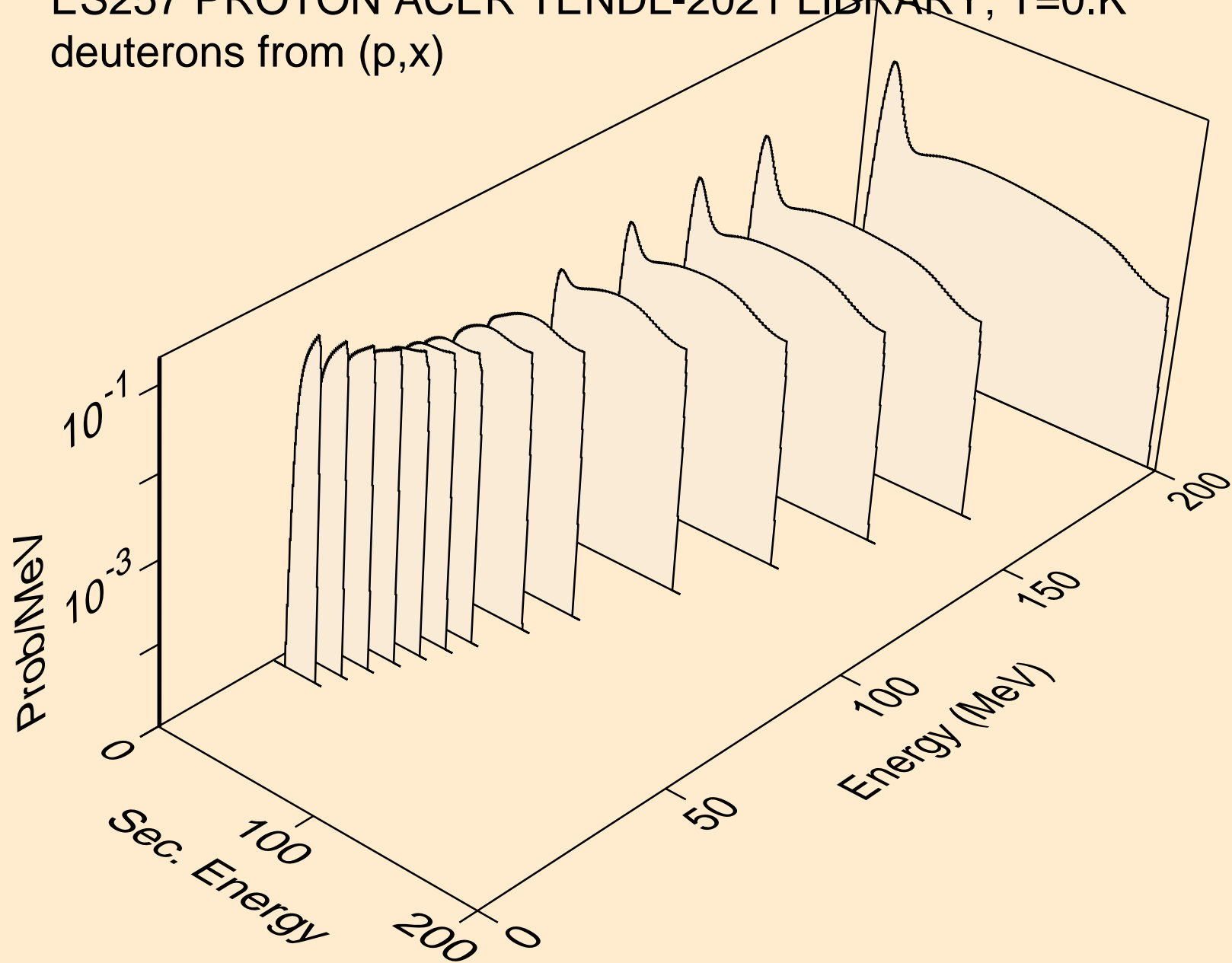
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,4n)



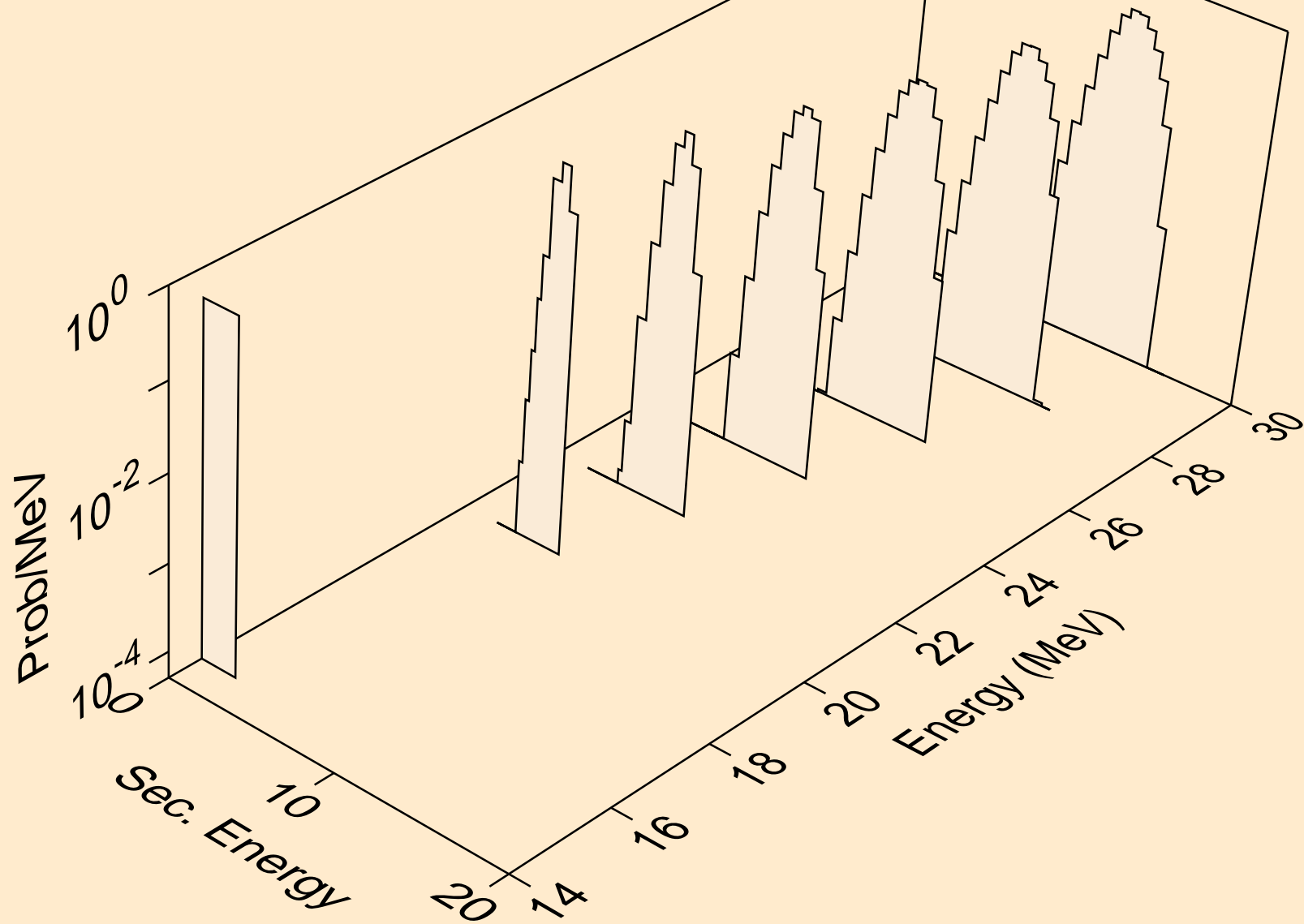
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



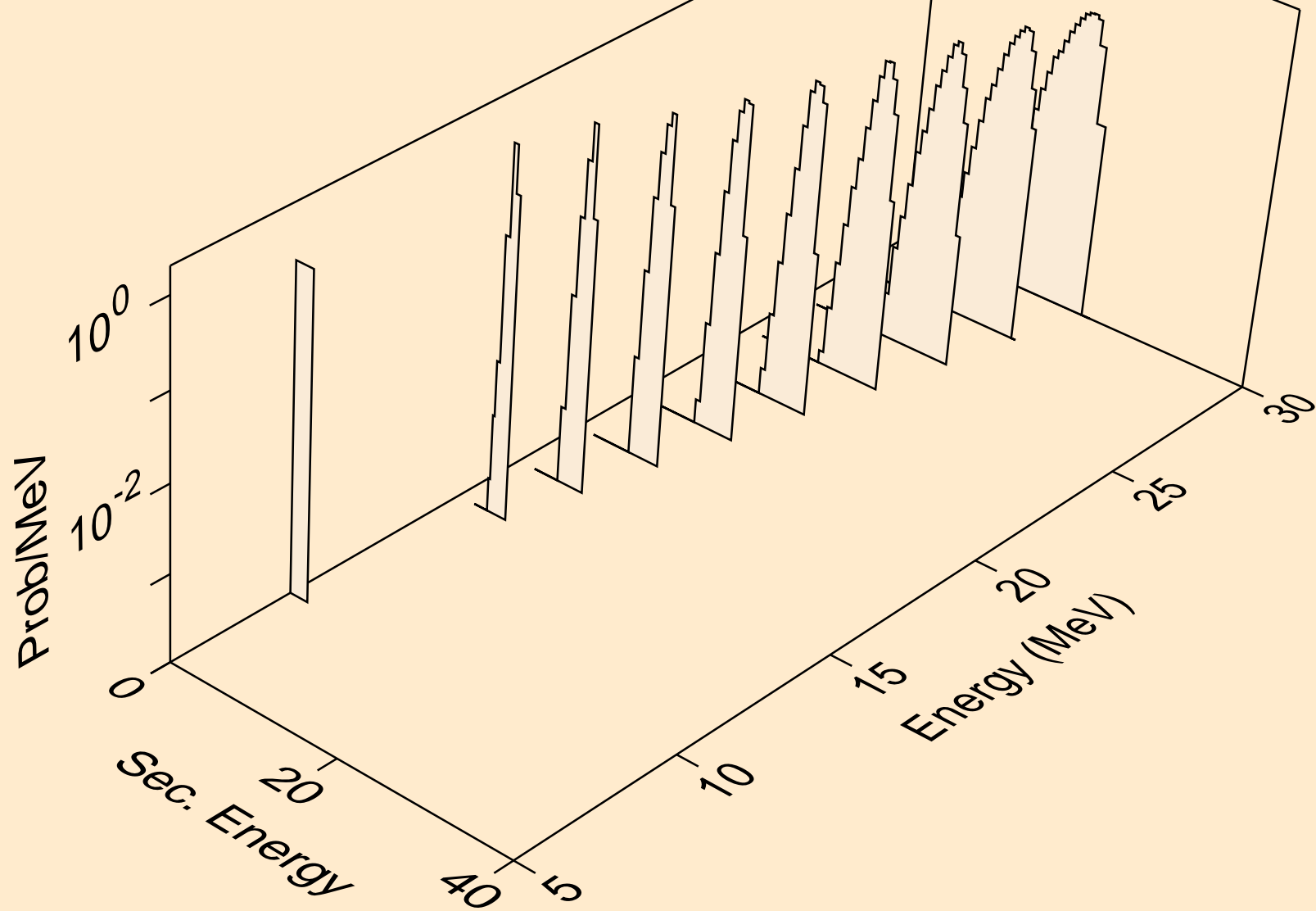
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



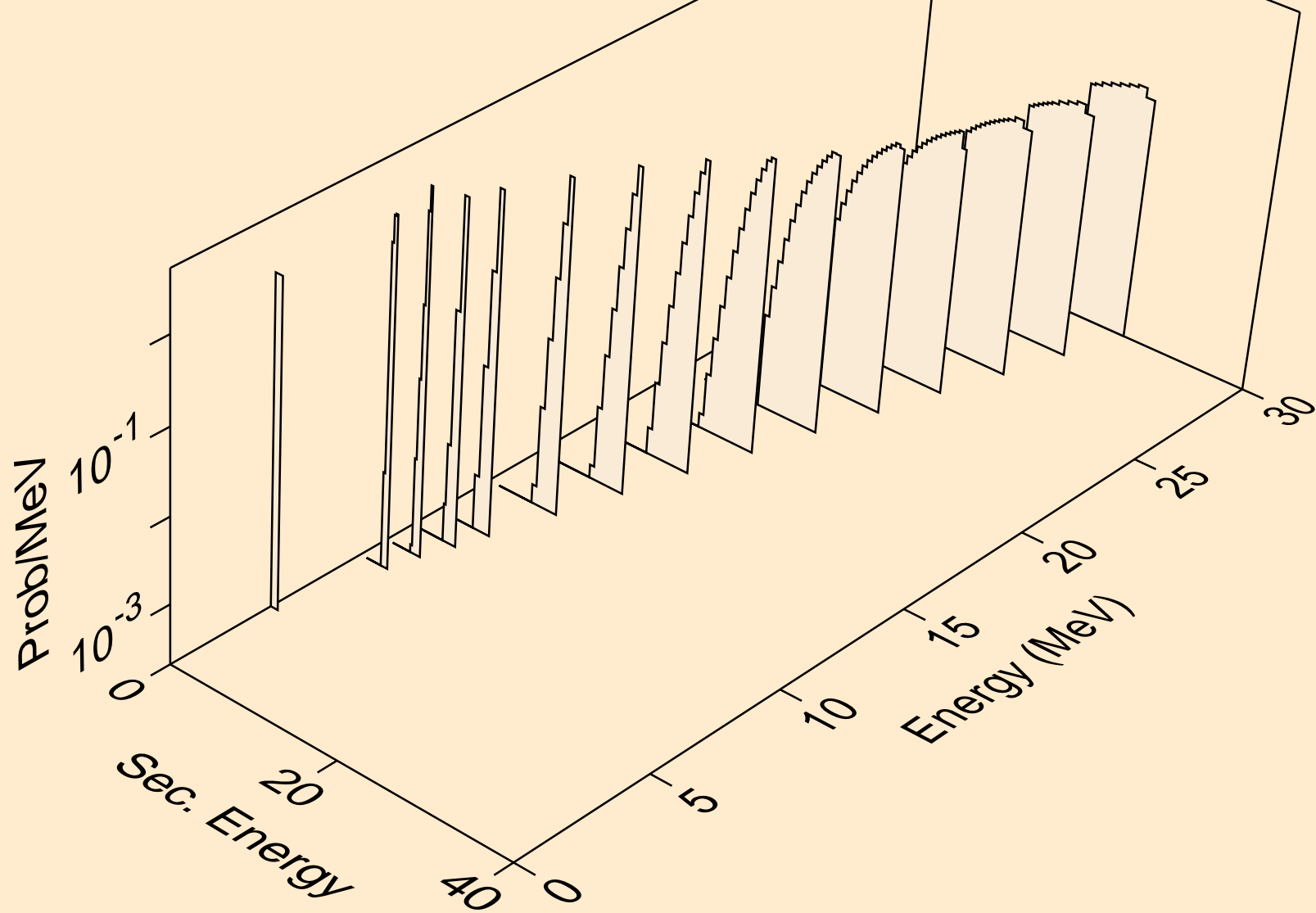
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)



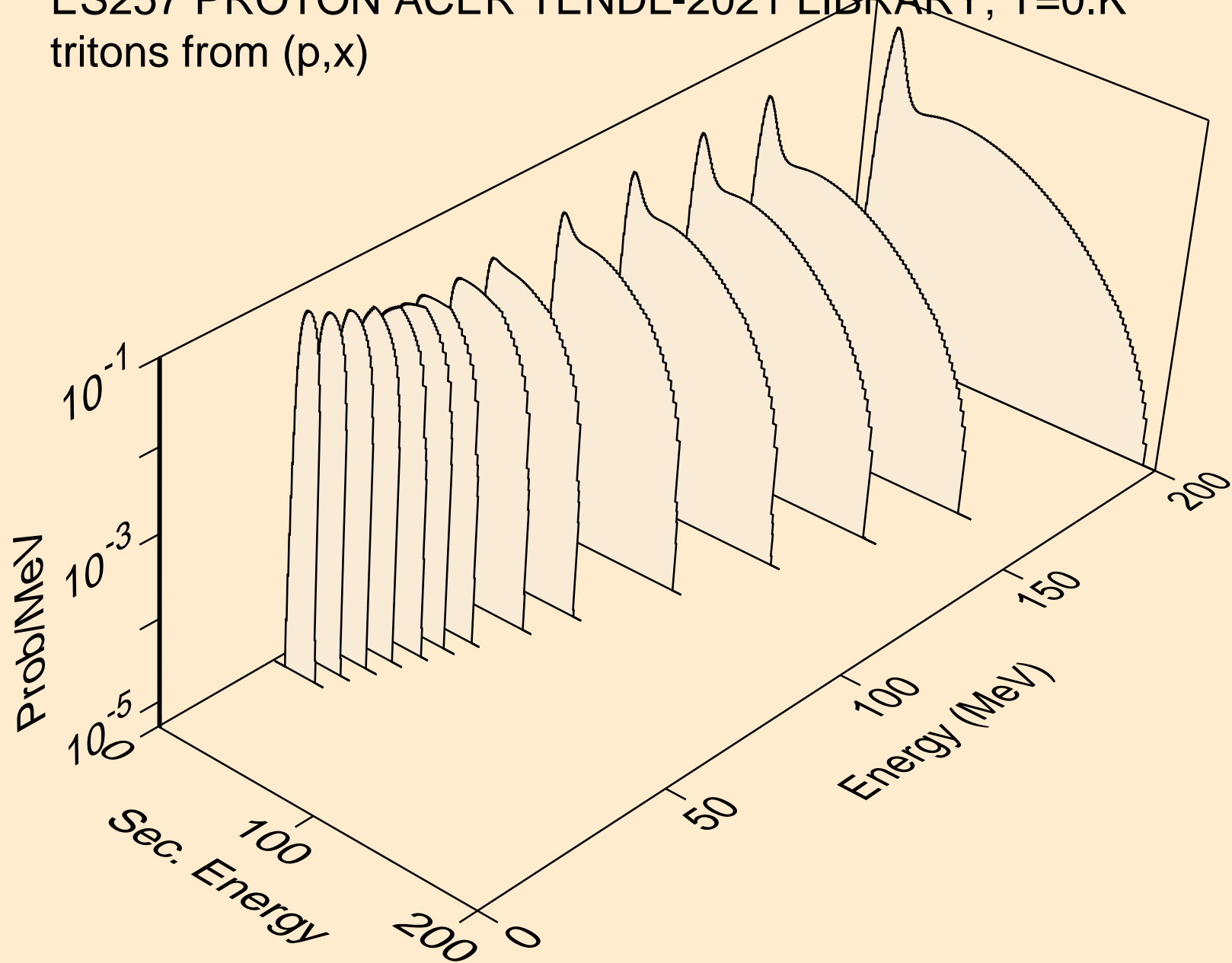
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



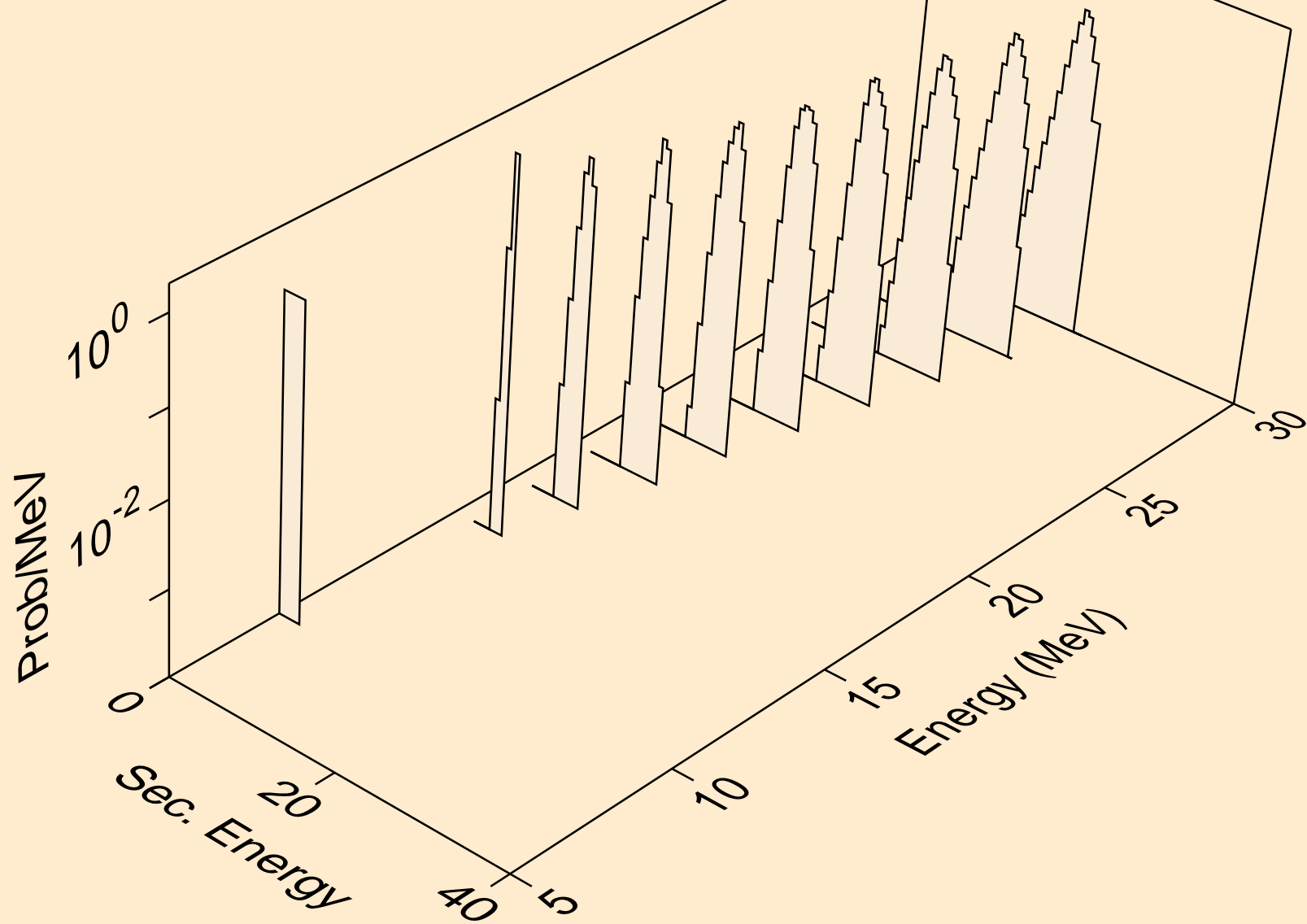
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)

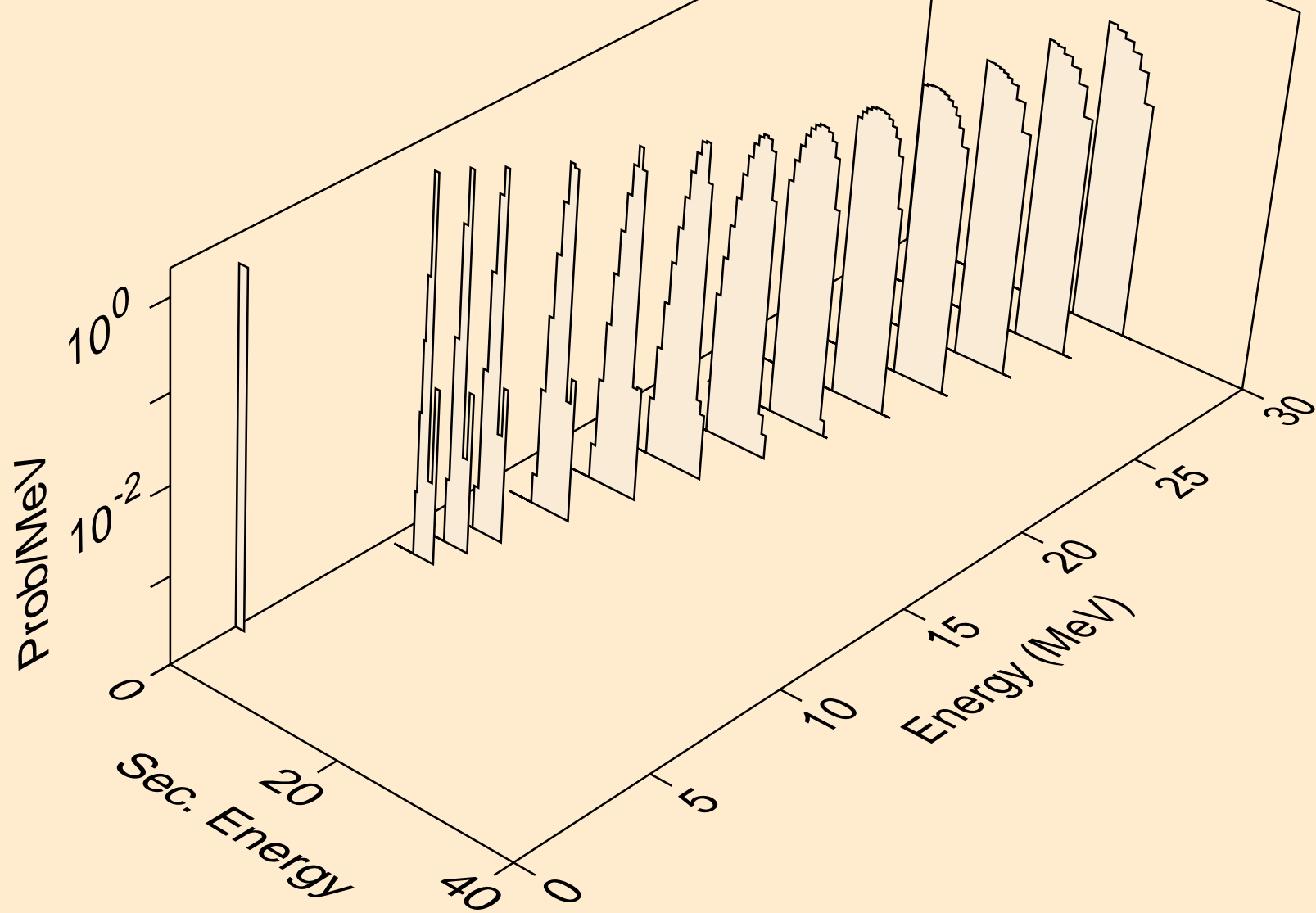


ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t

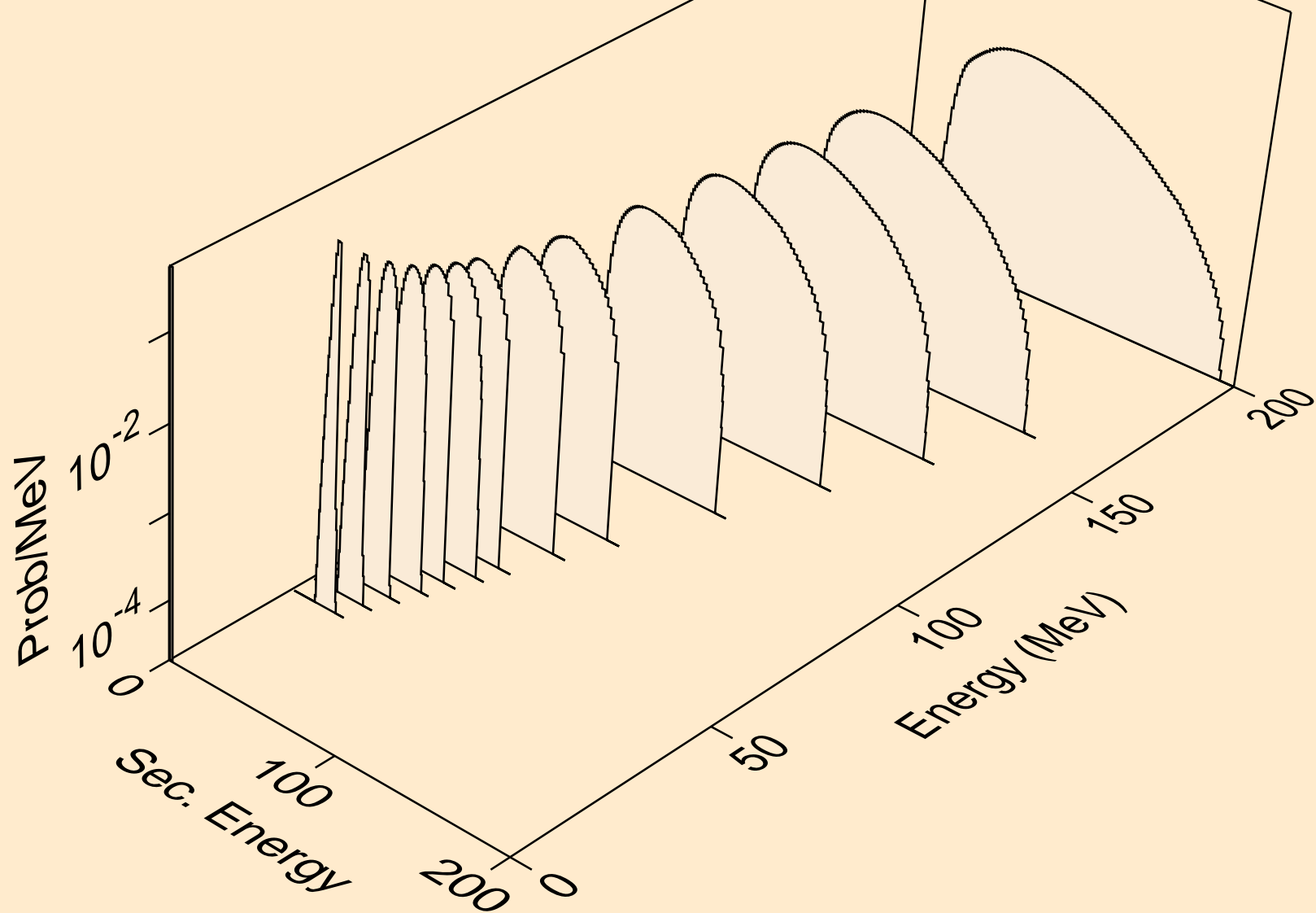




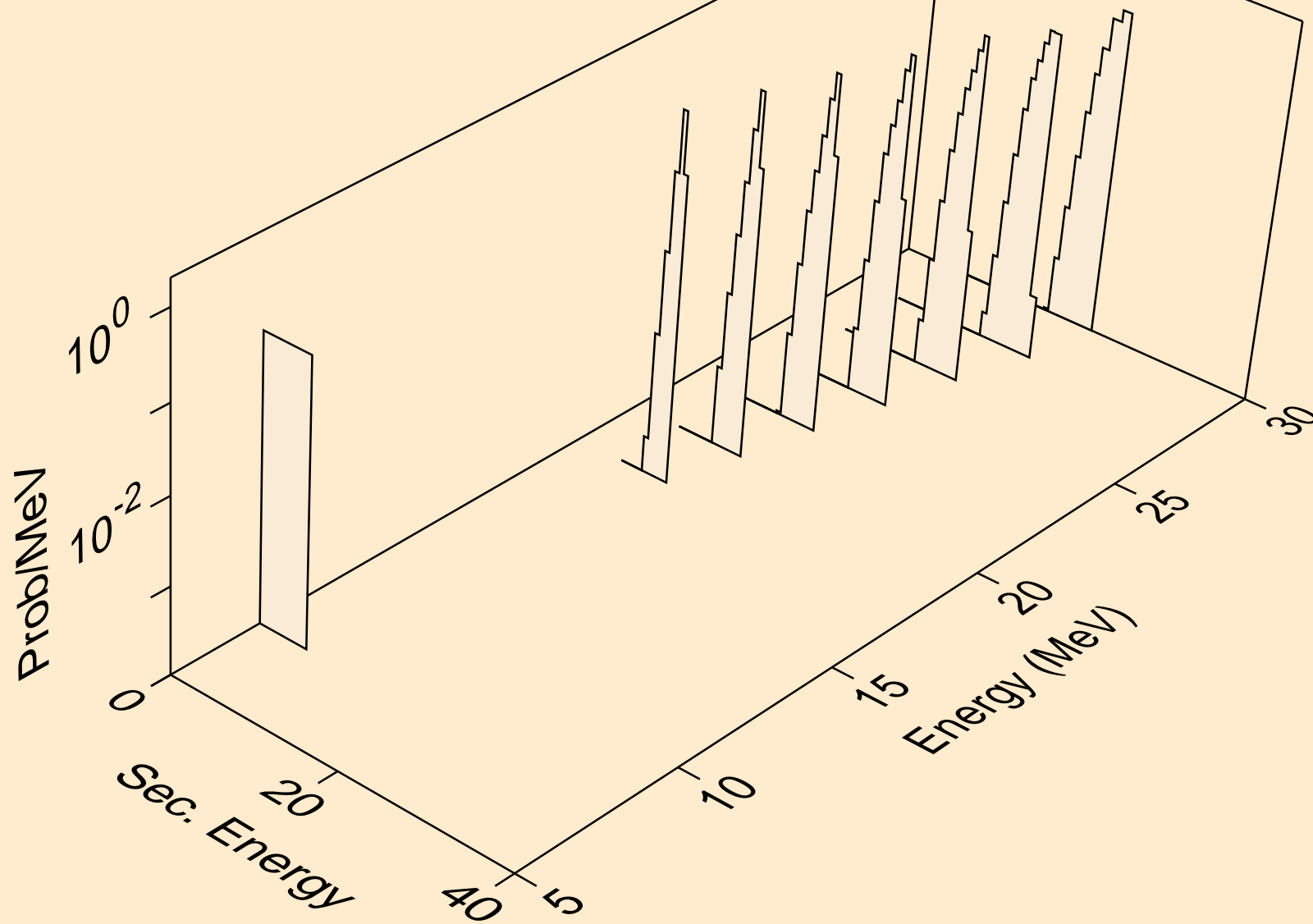
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



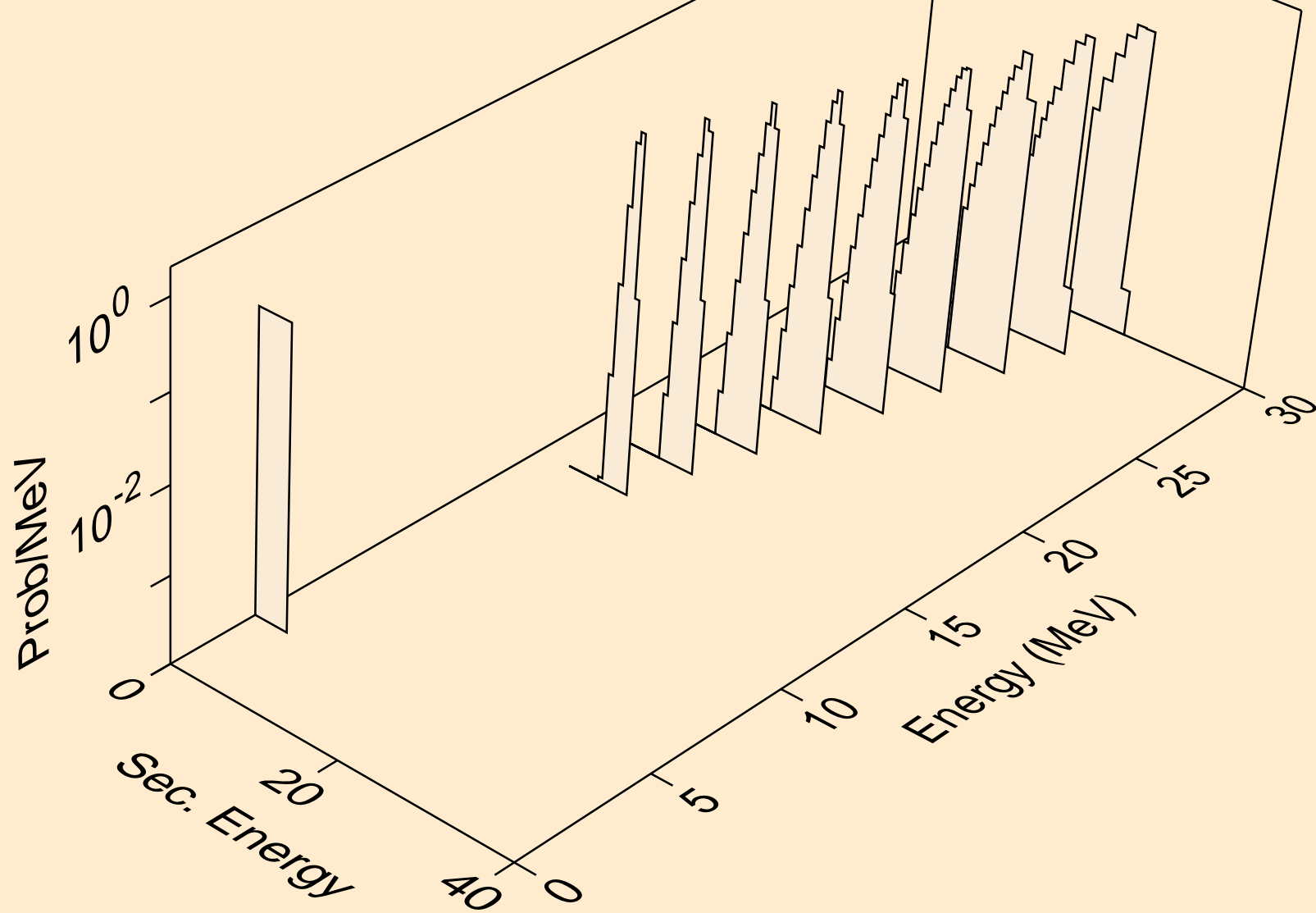
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



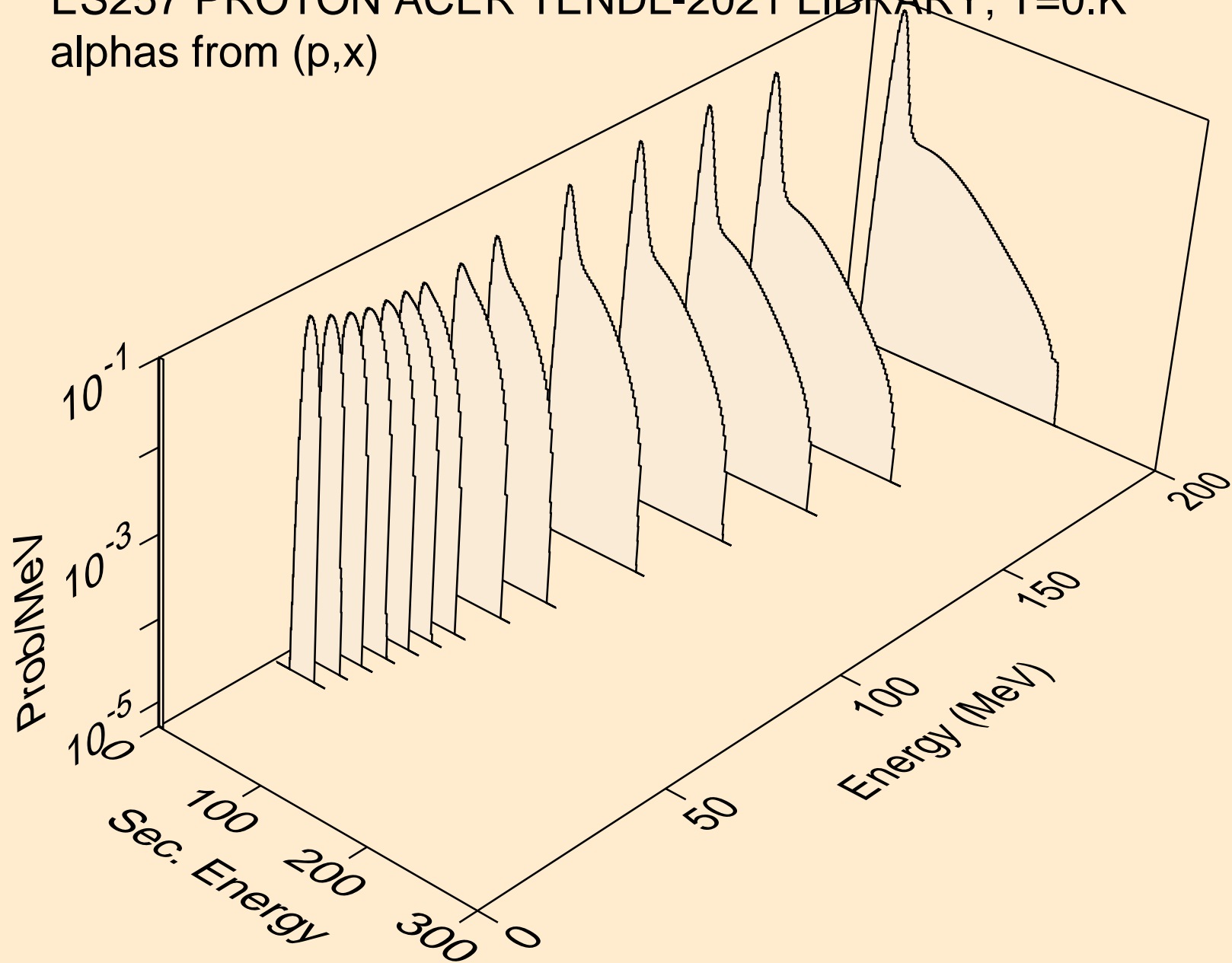
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



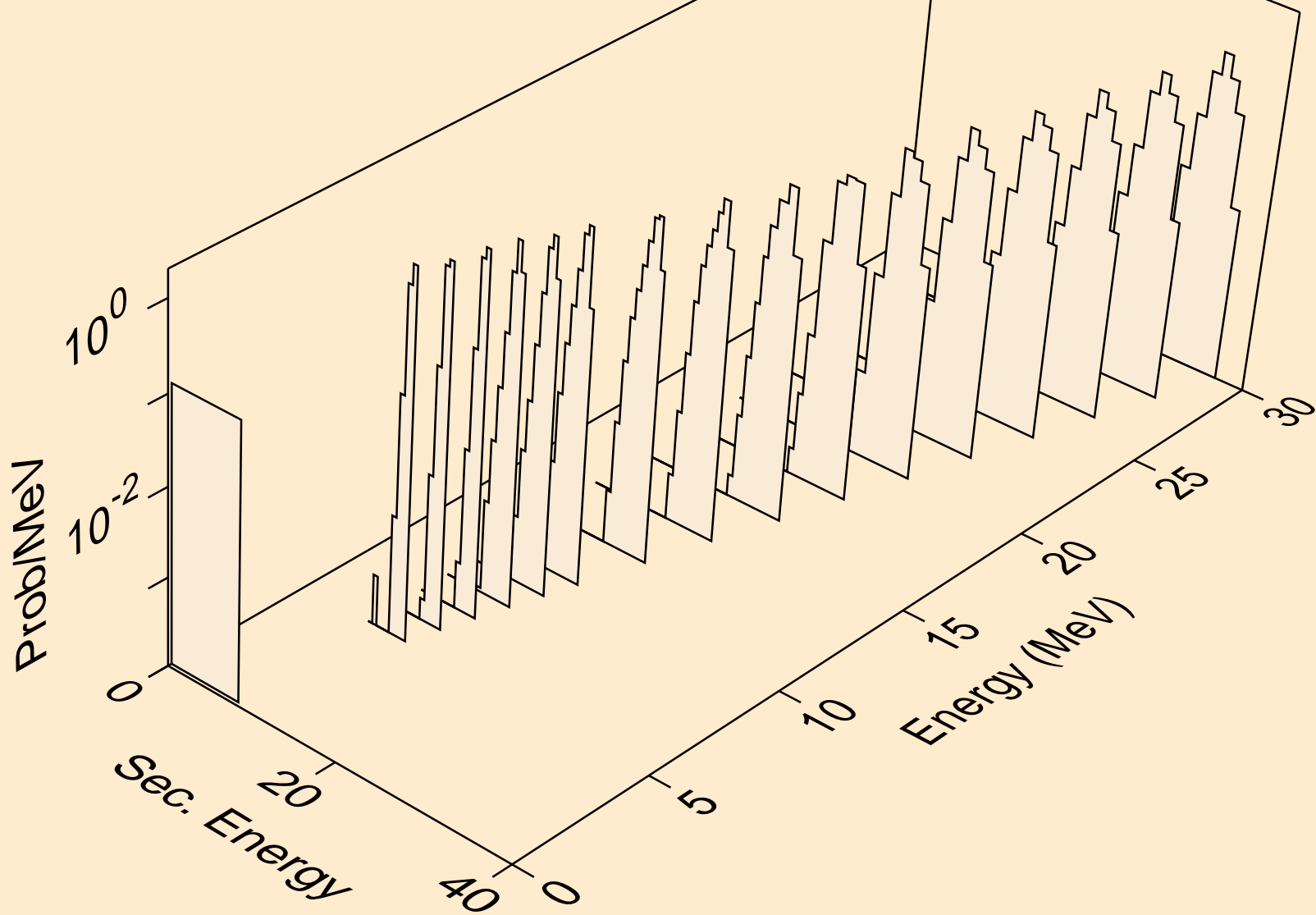
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



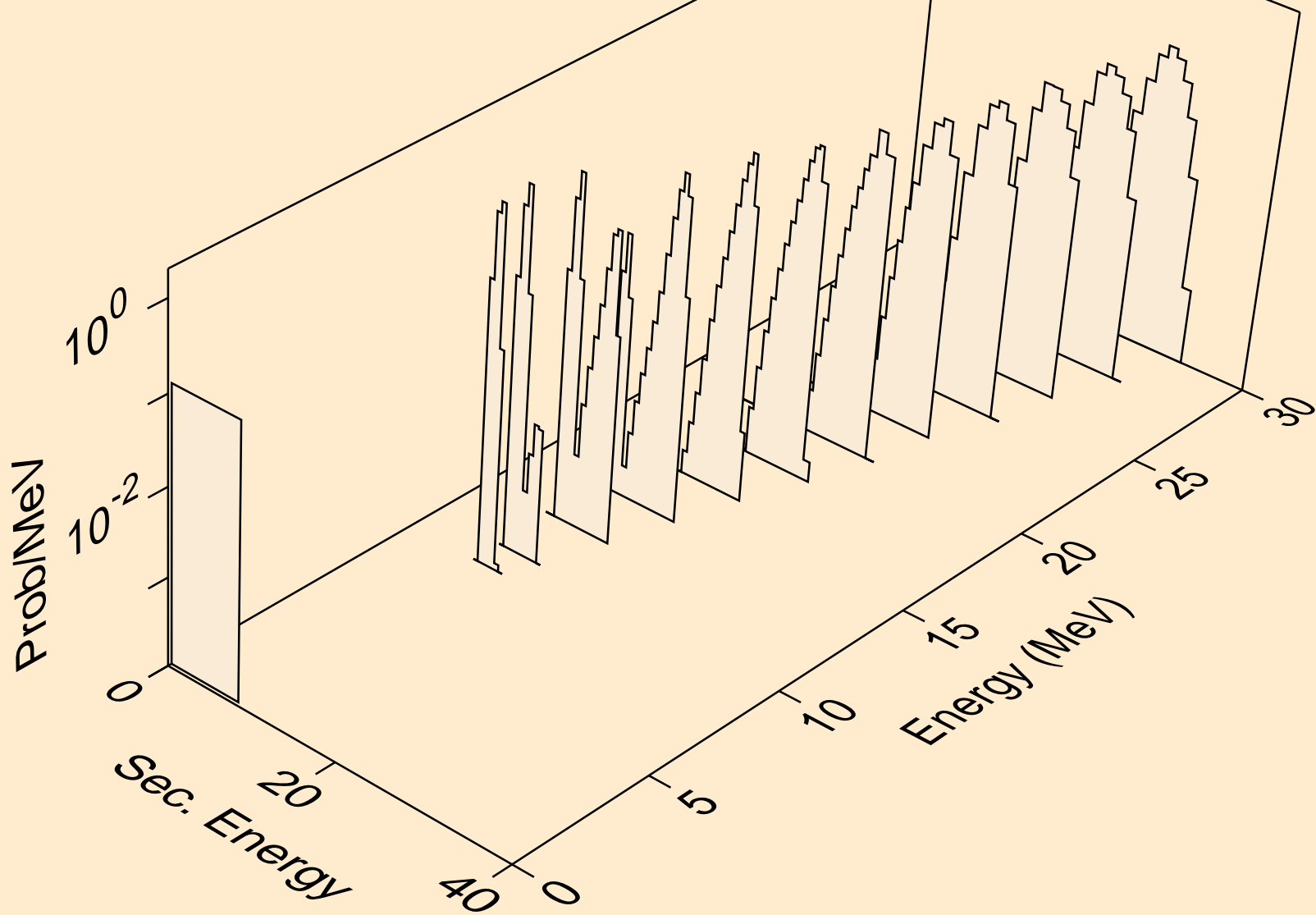
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



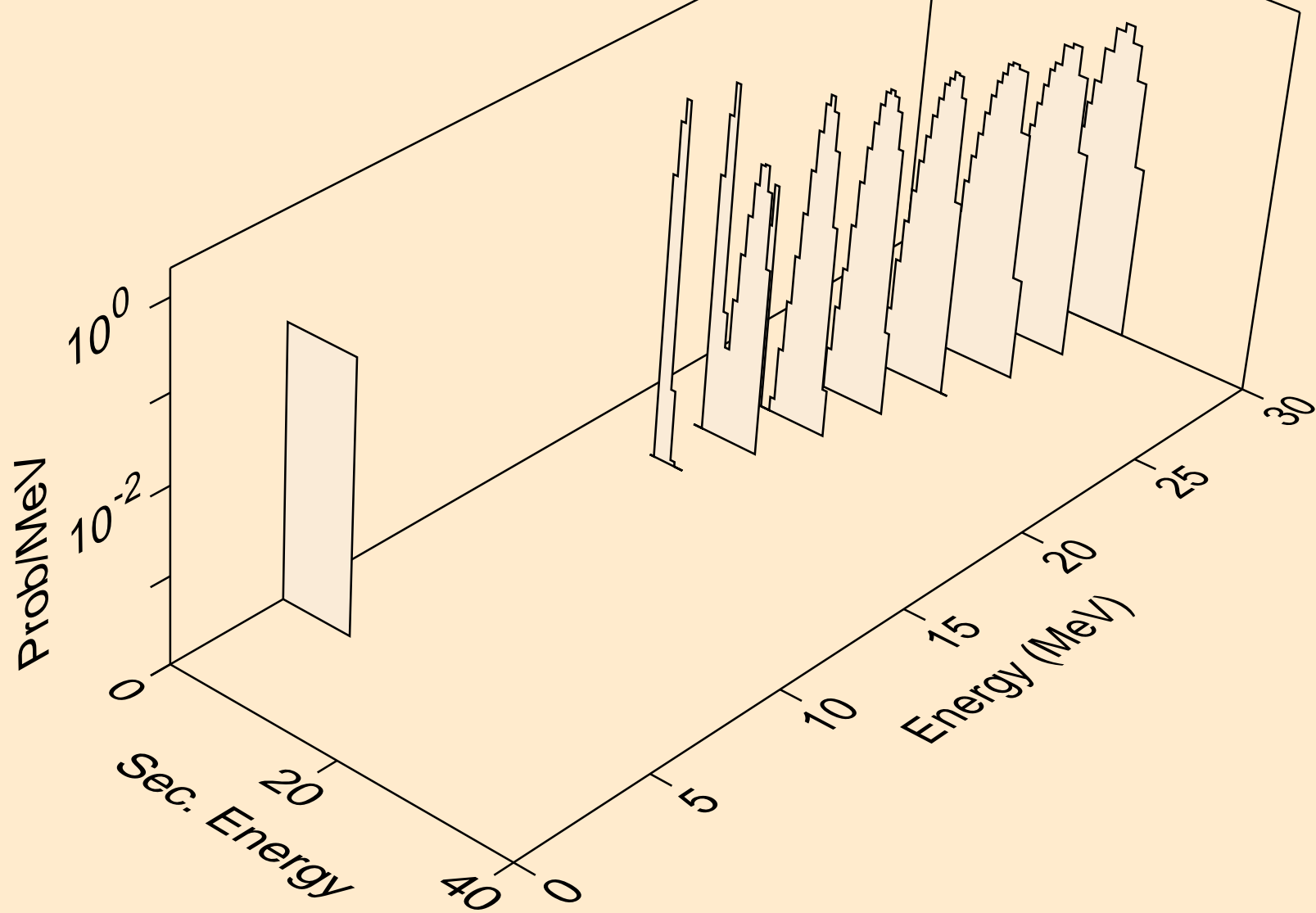
ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a





ES257 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)

