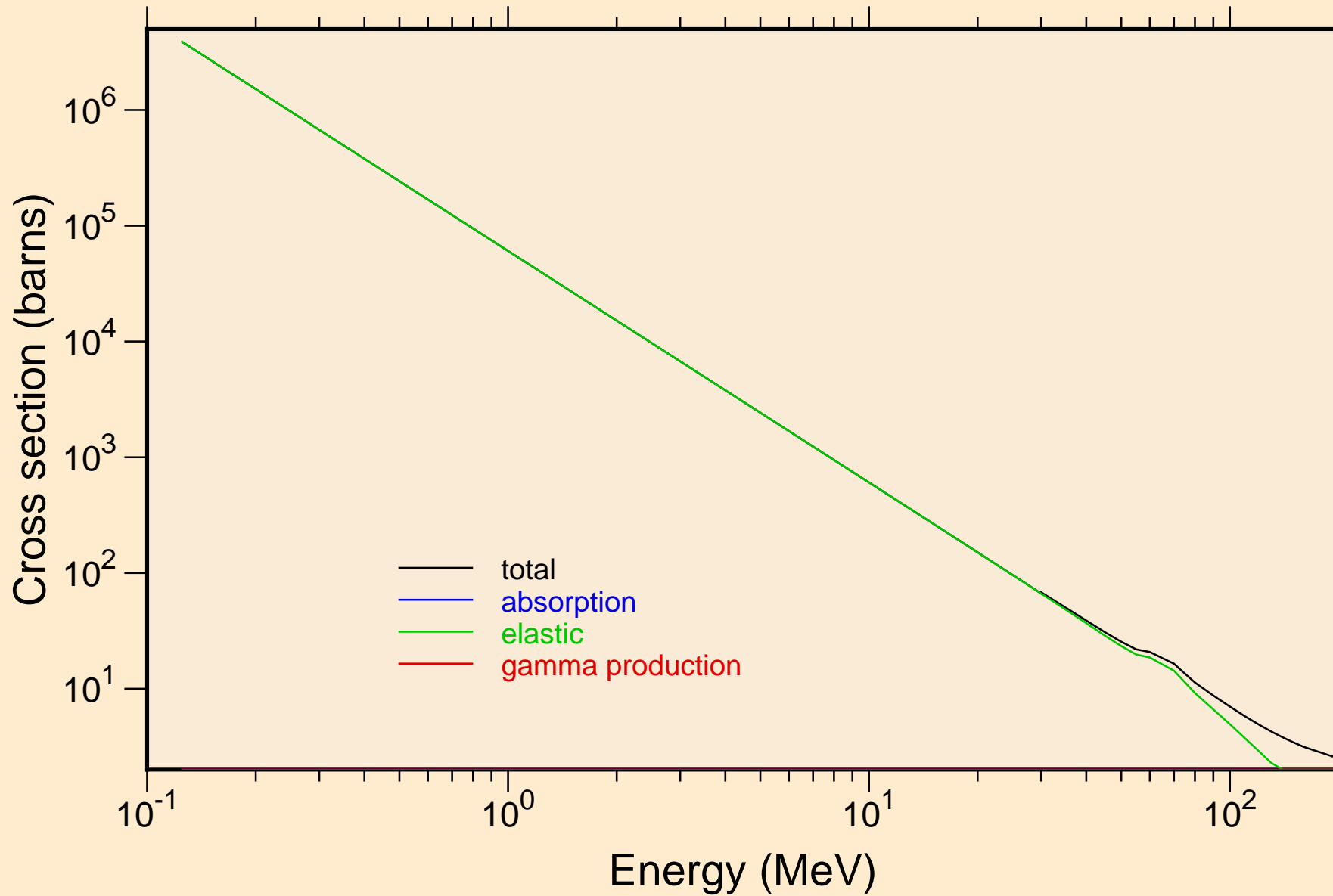


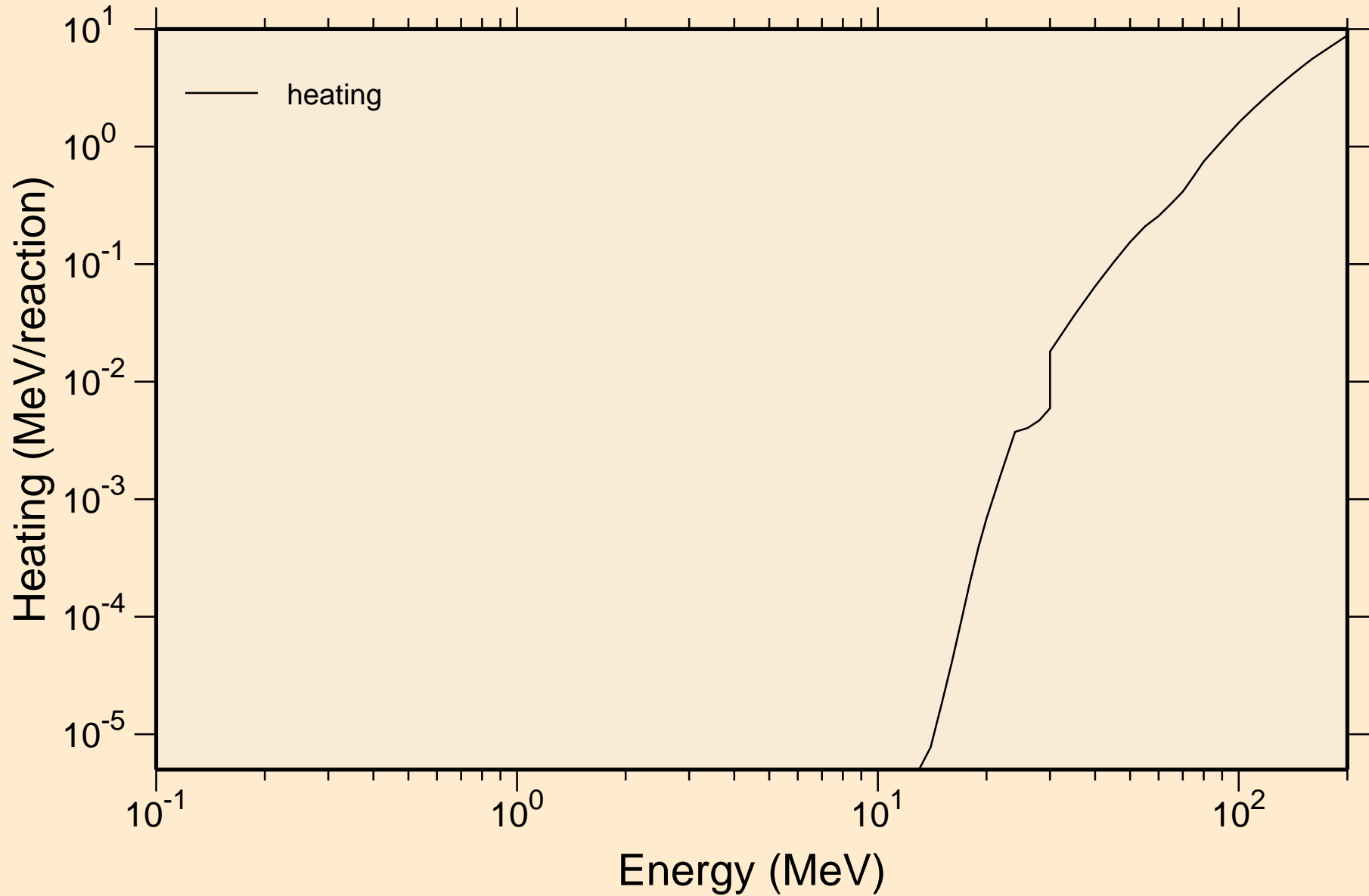
# ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



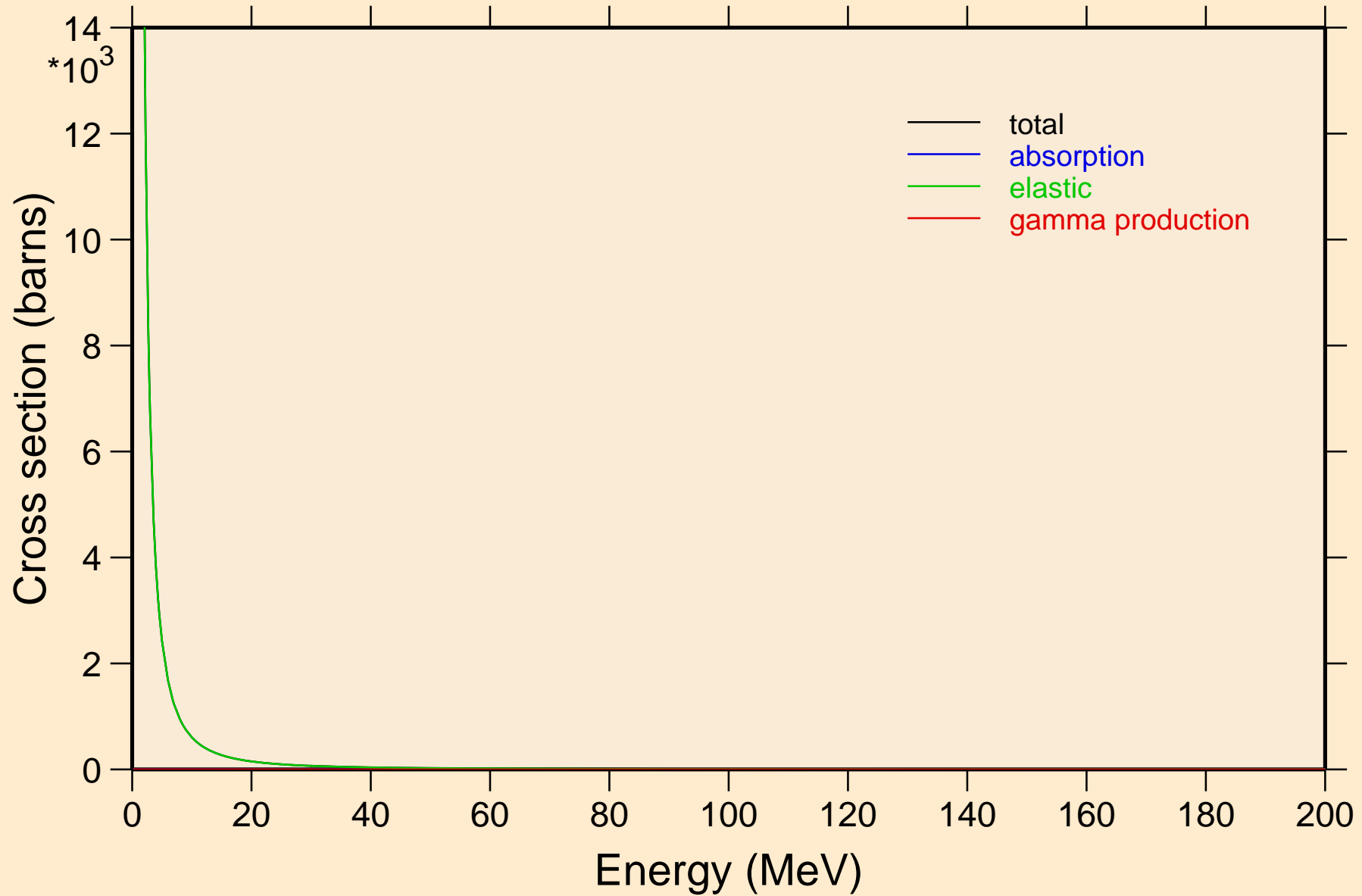
# ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



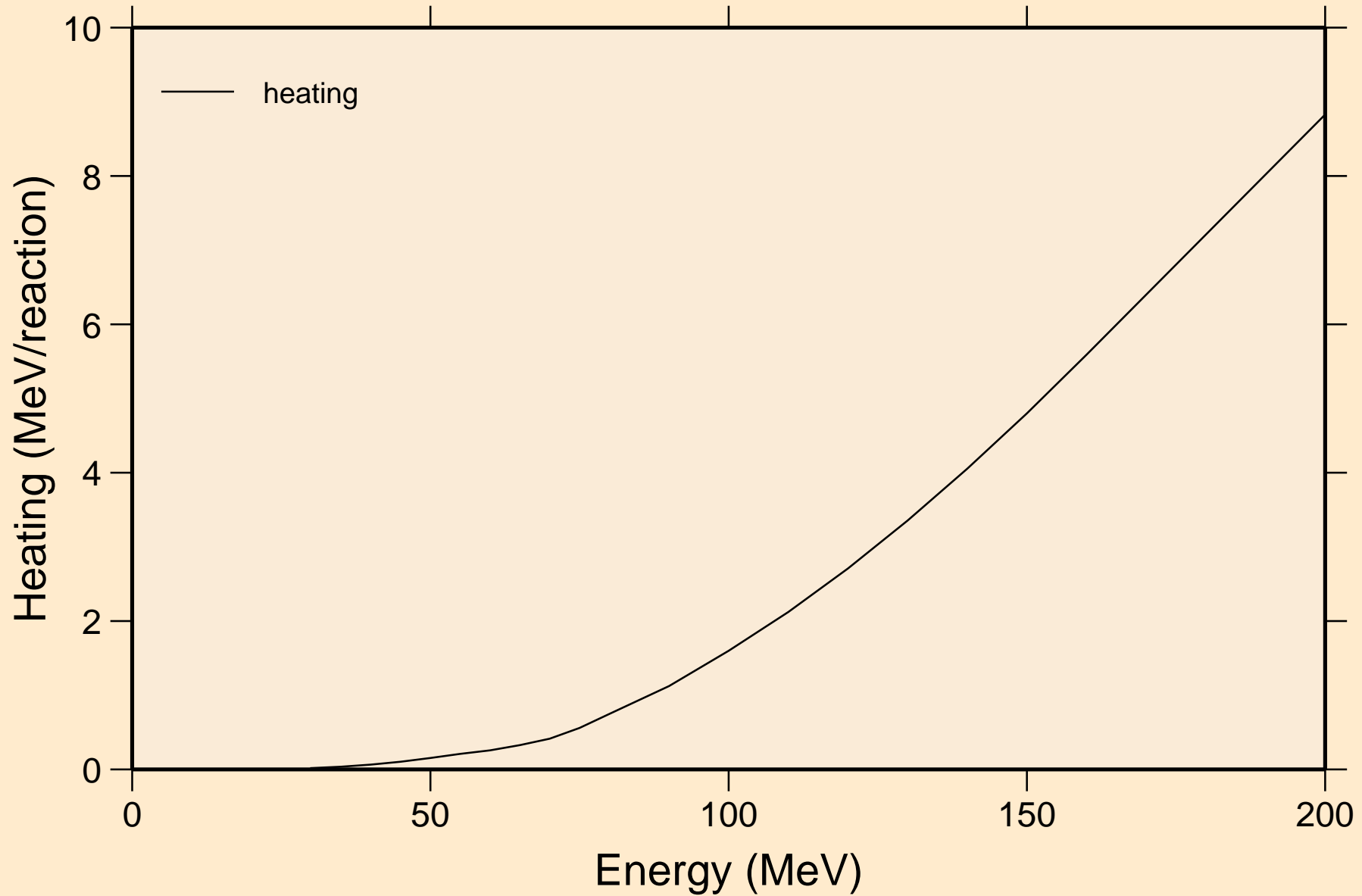
# ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



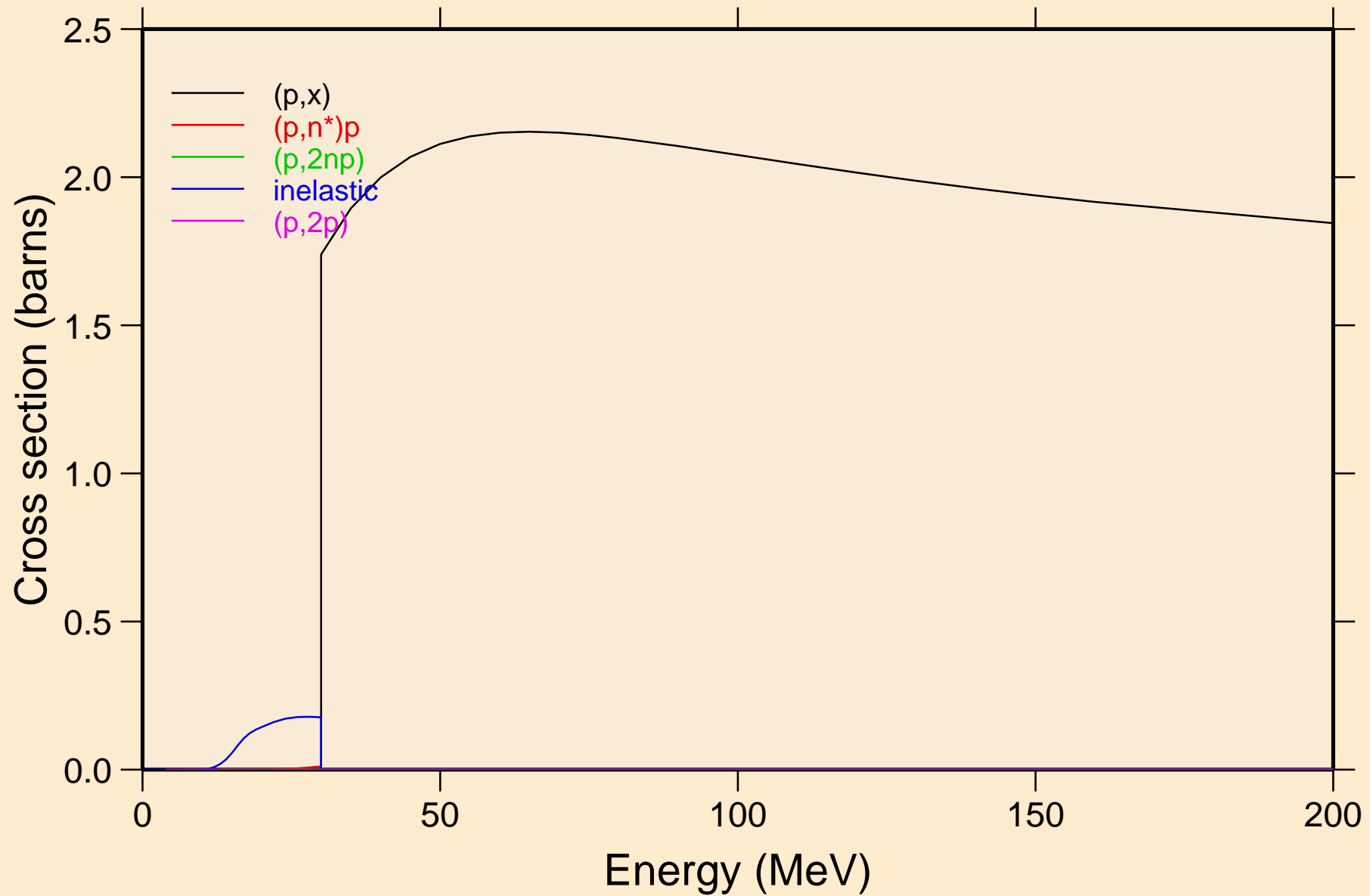
# ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

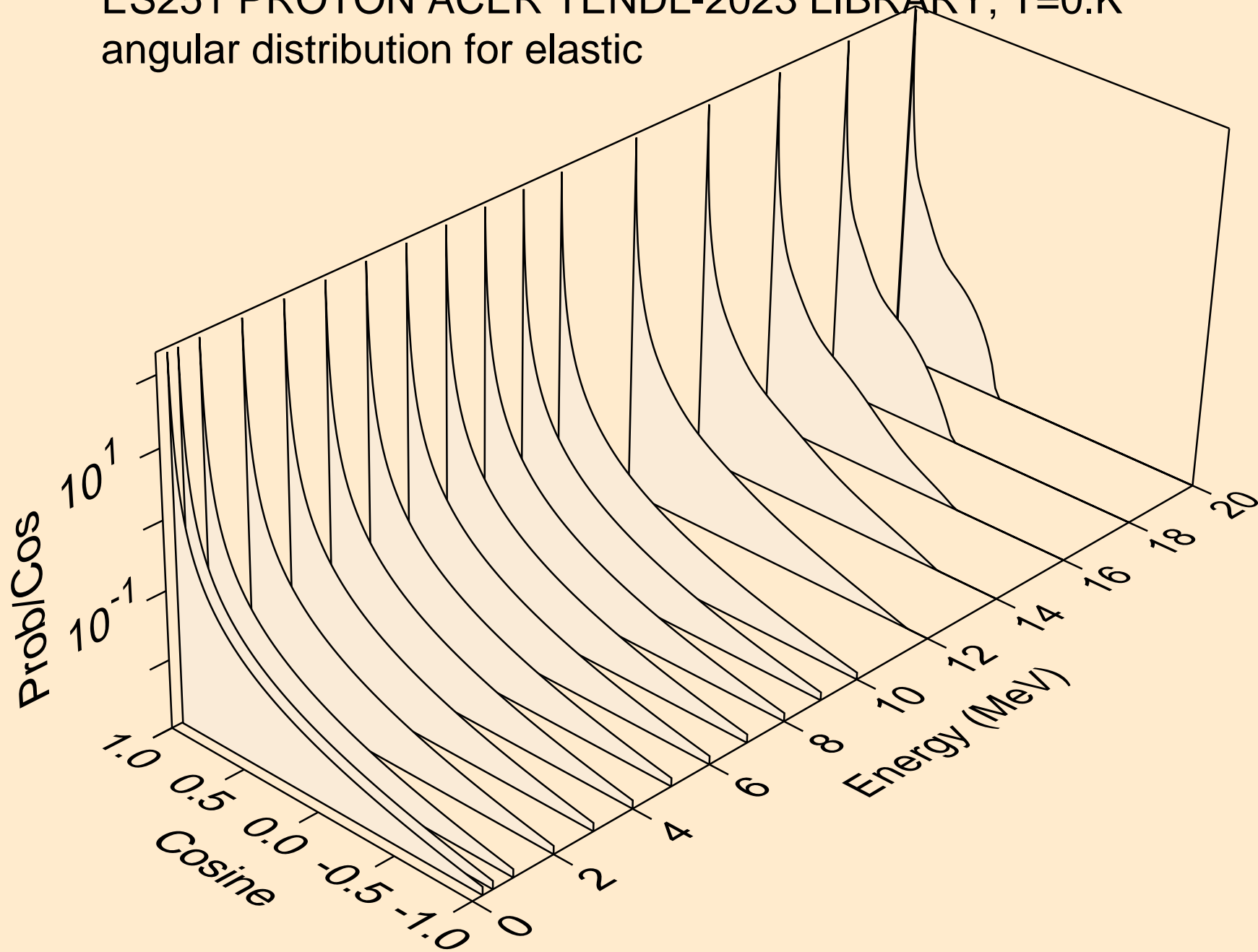


# ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K

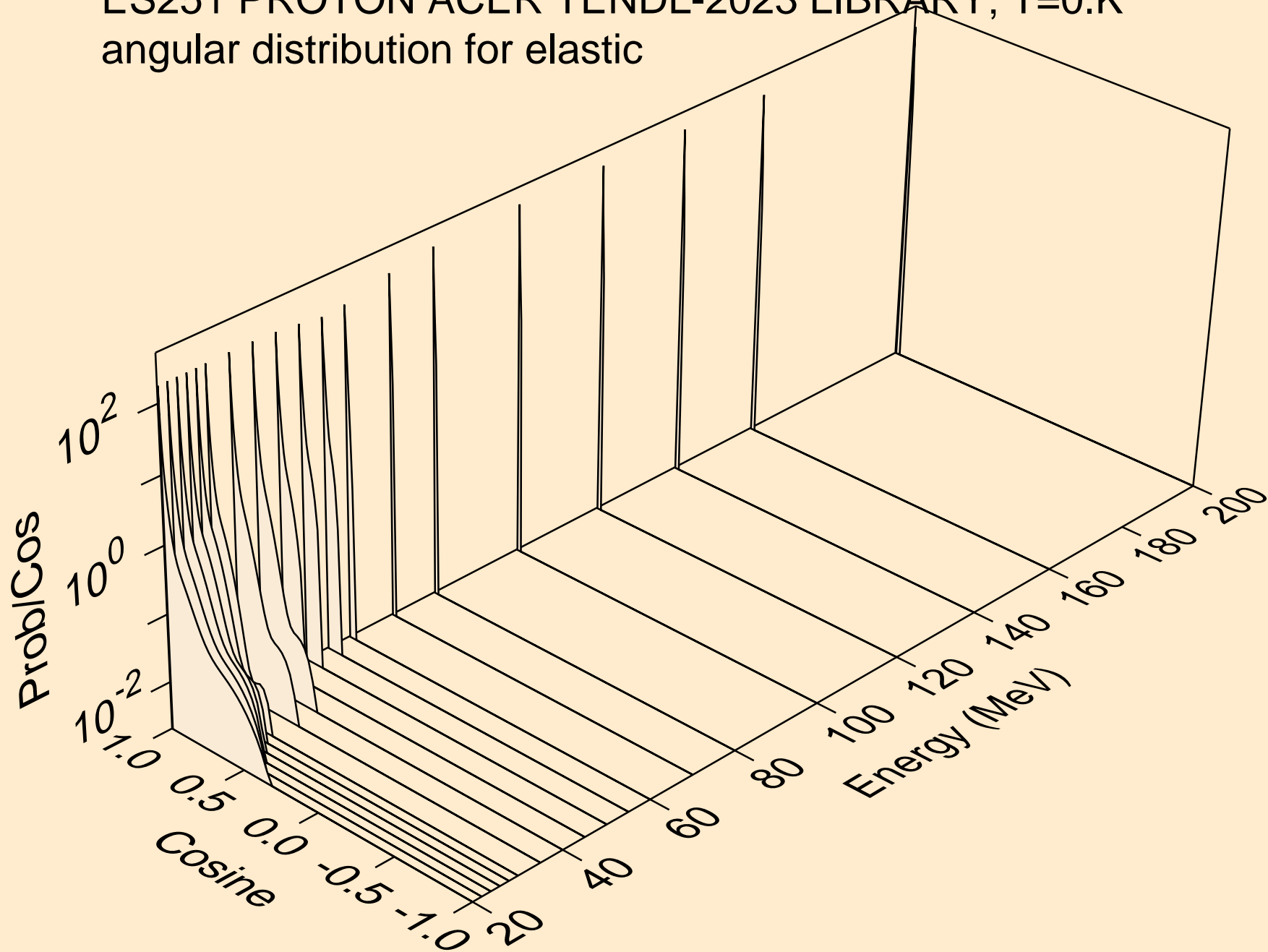
## Threshold reactions



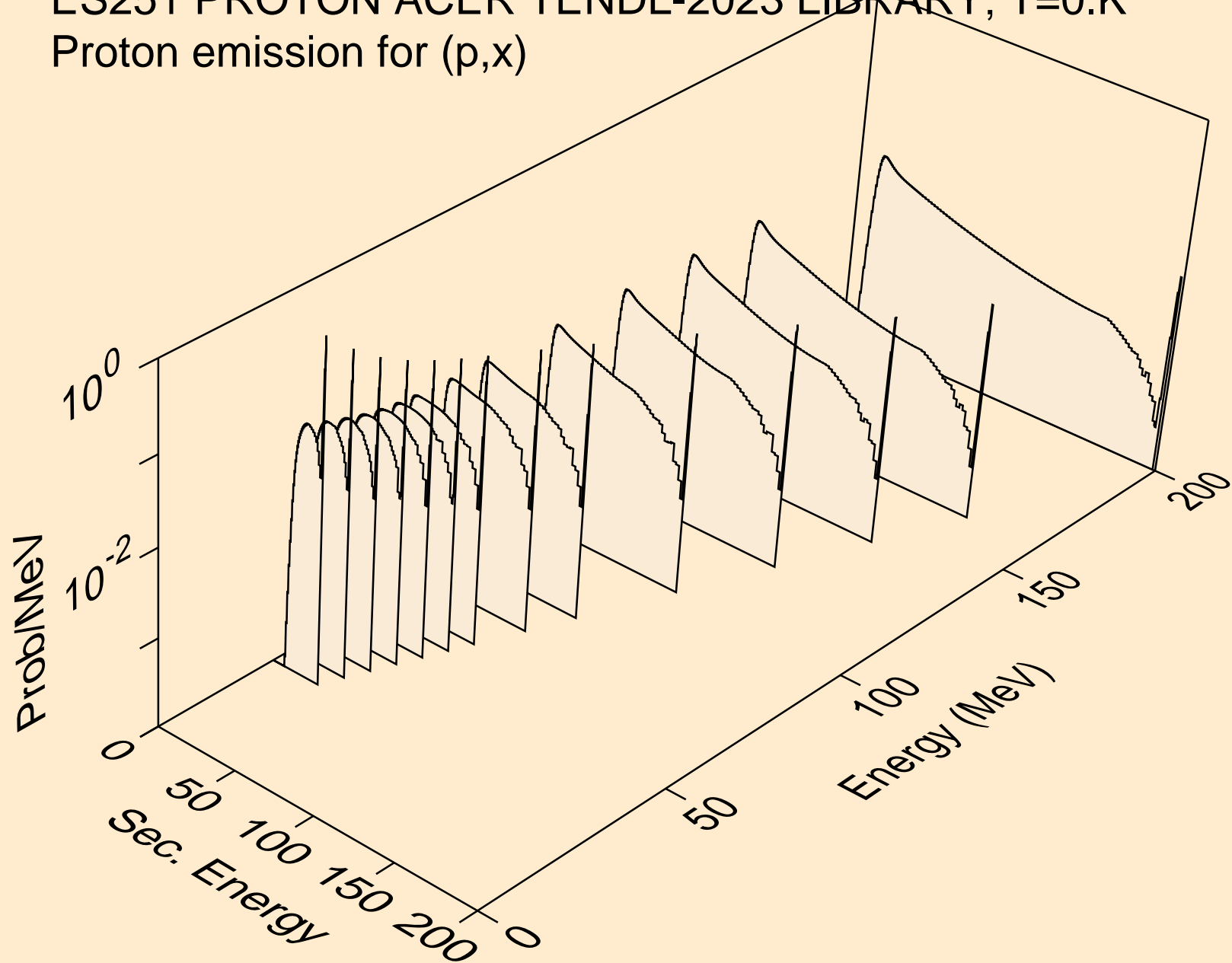
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

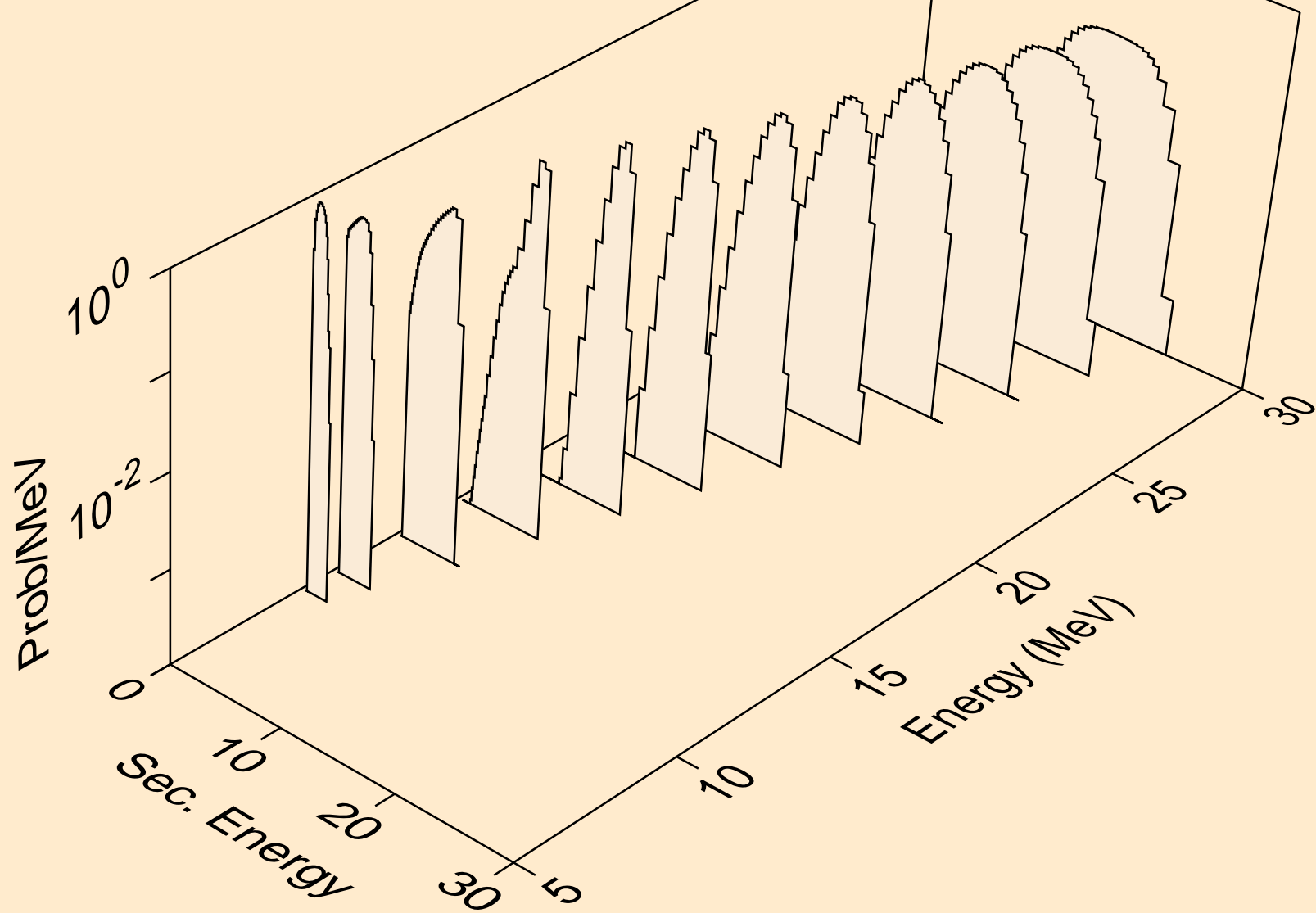


ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)

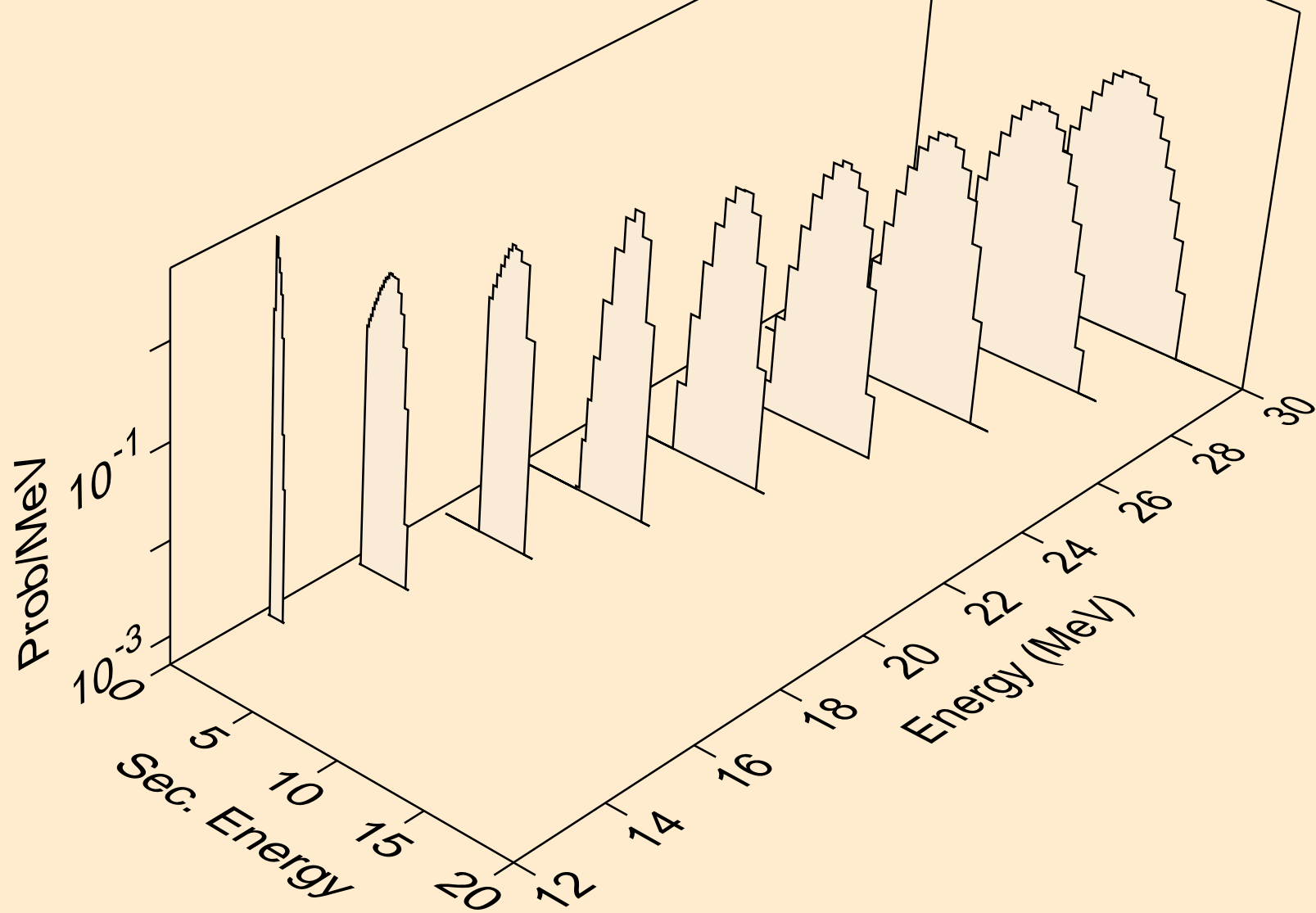




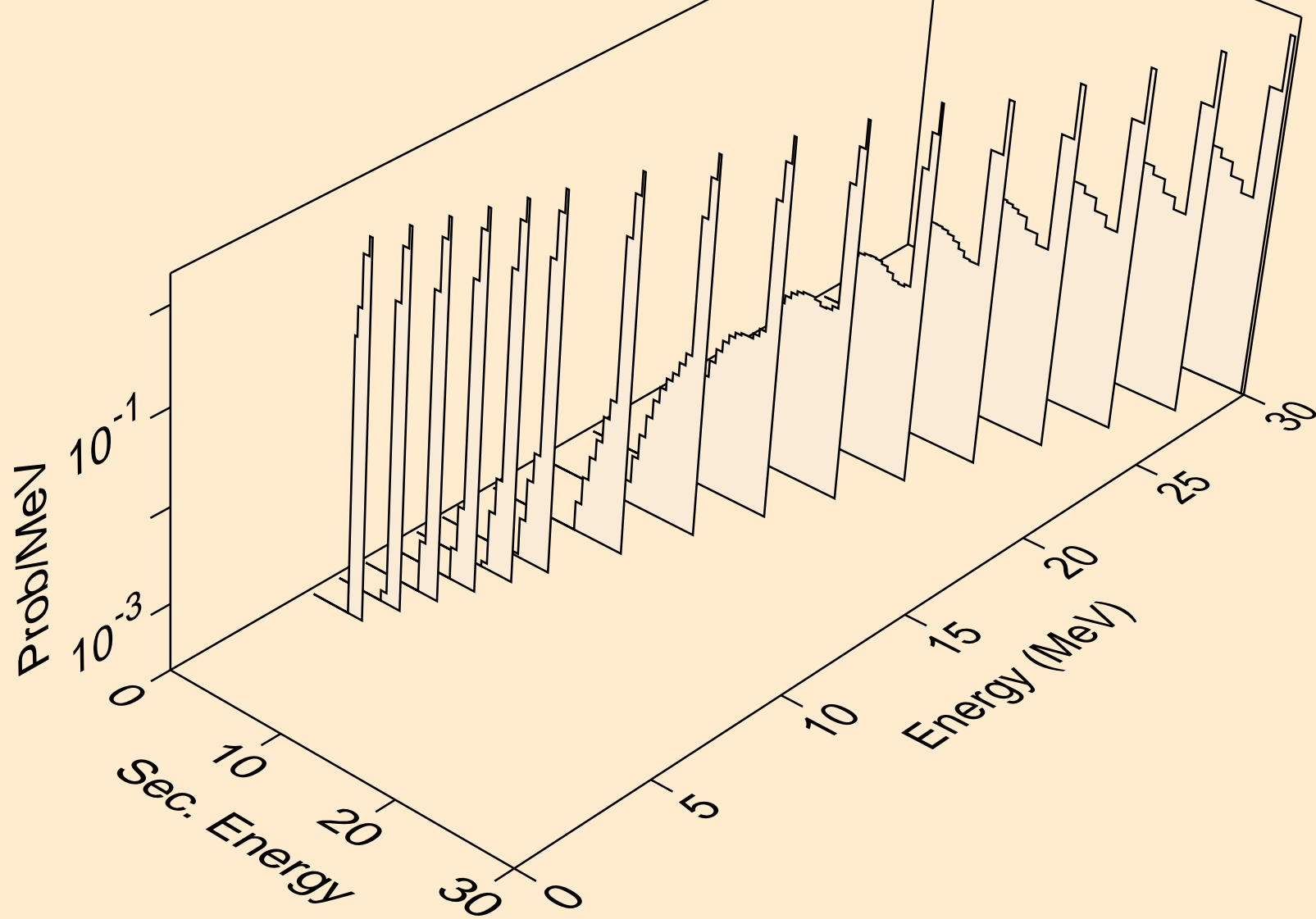
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



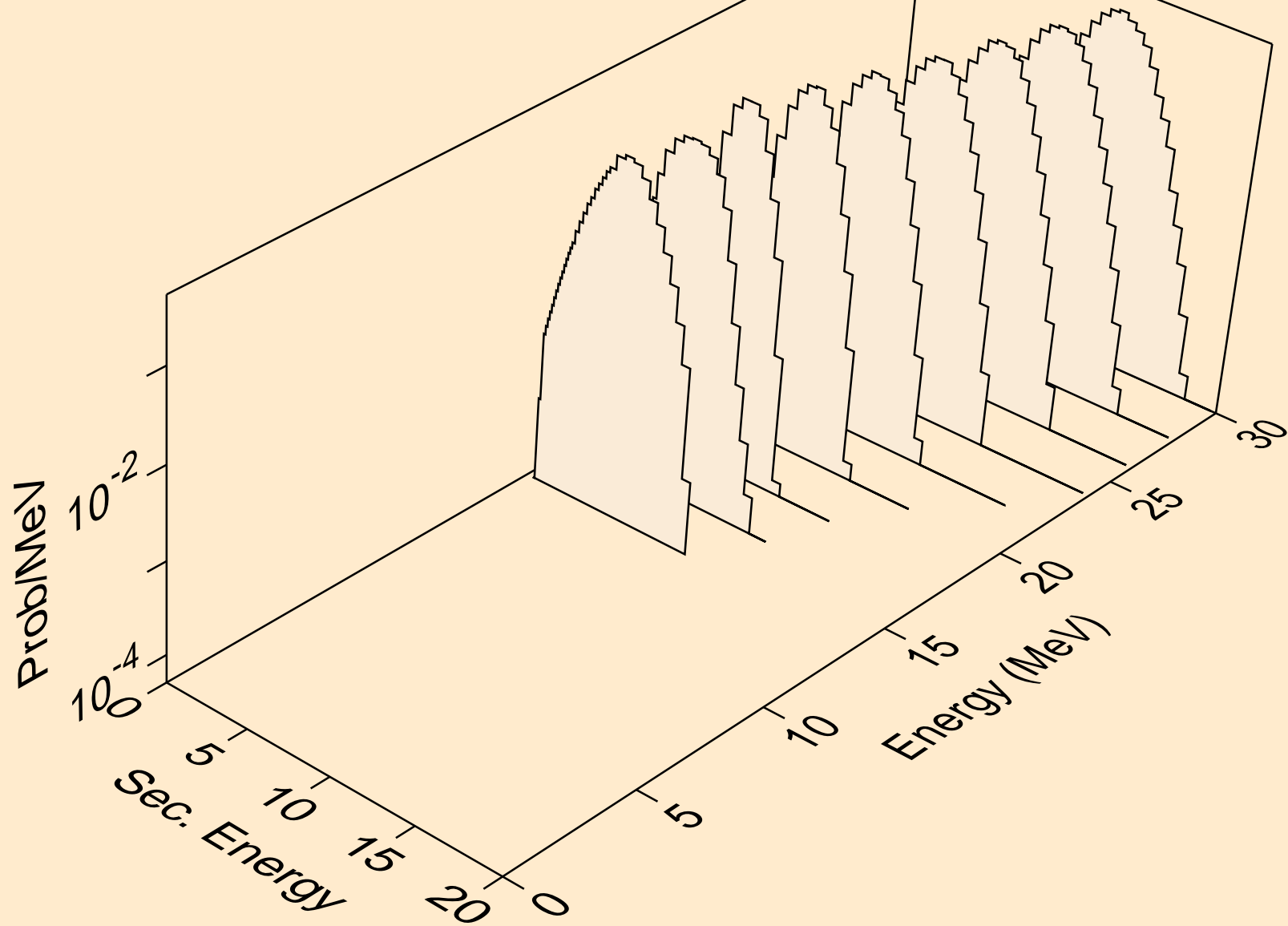
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



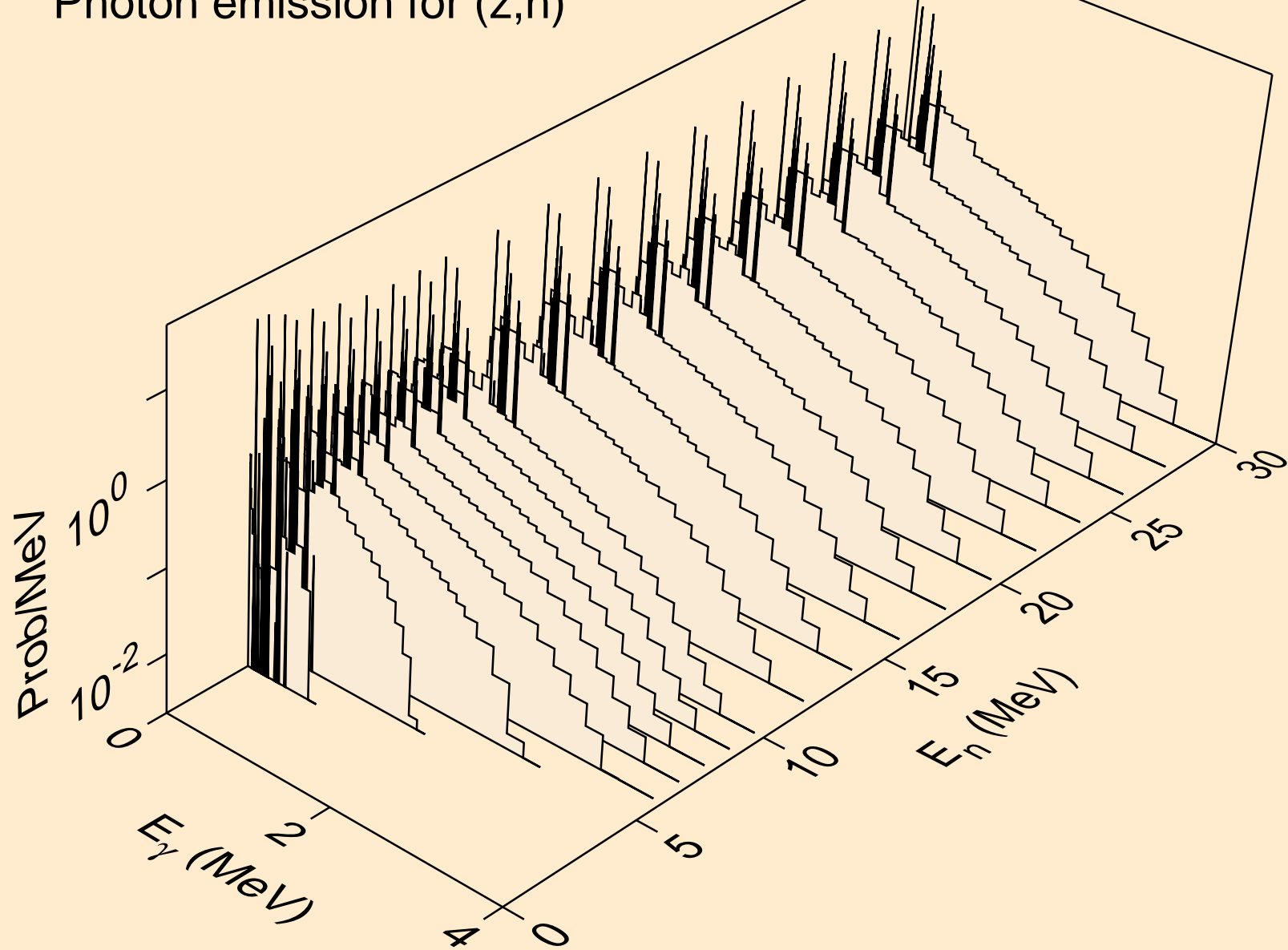
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



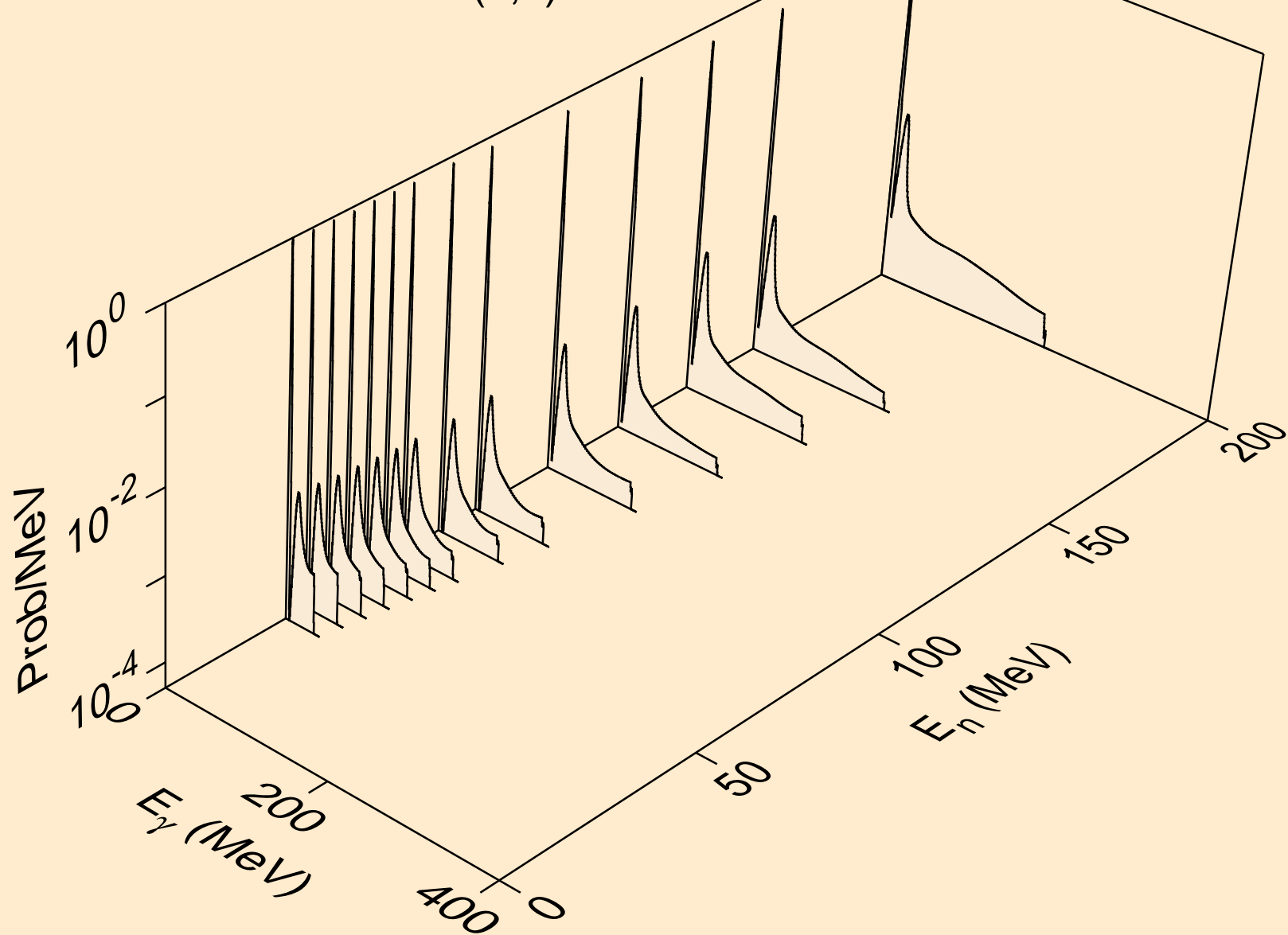
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



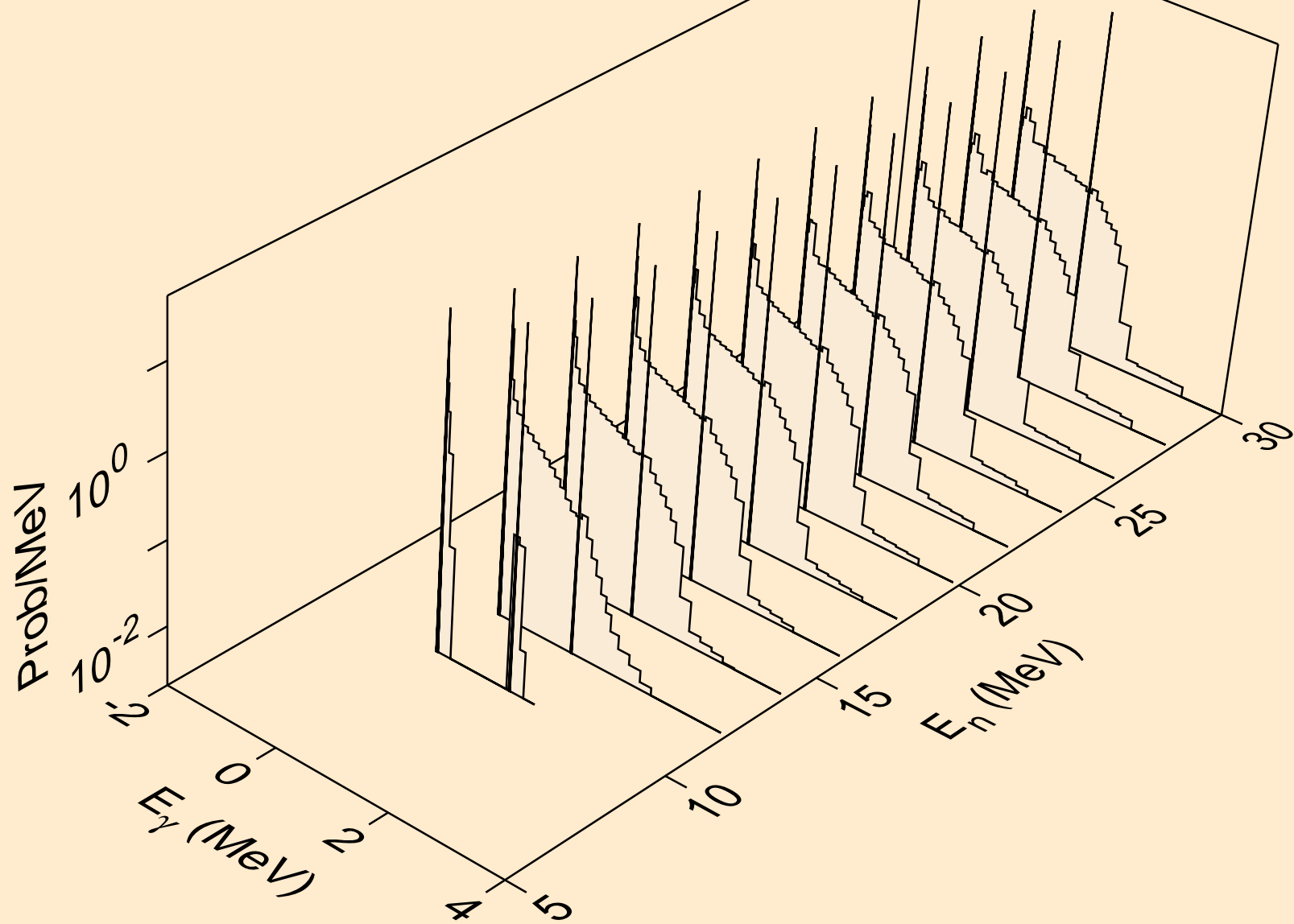
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



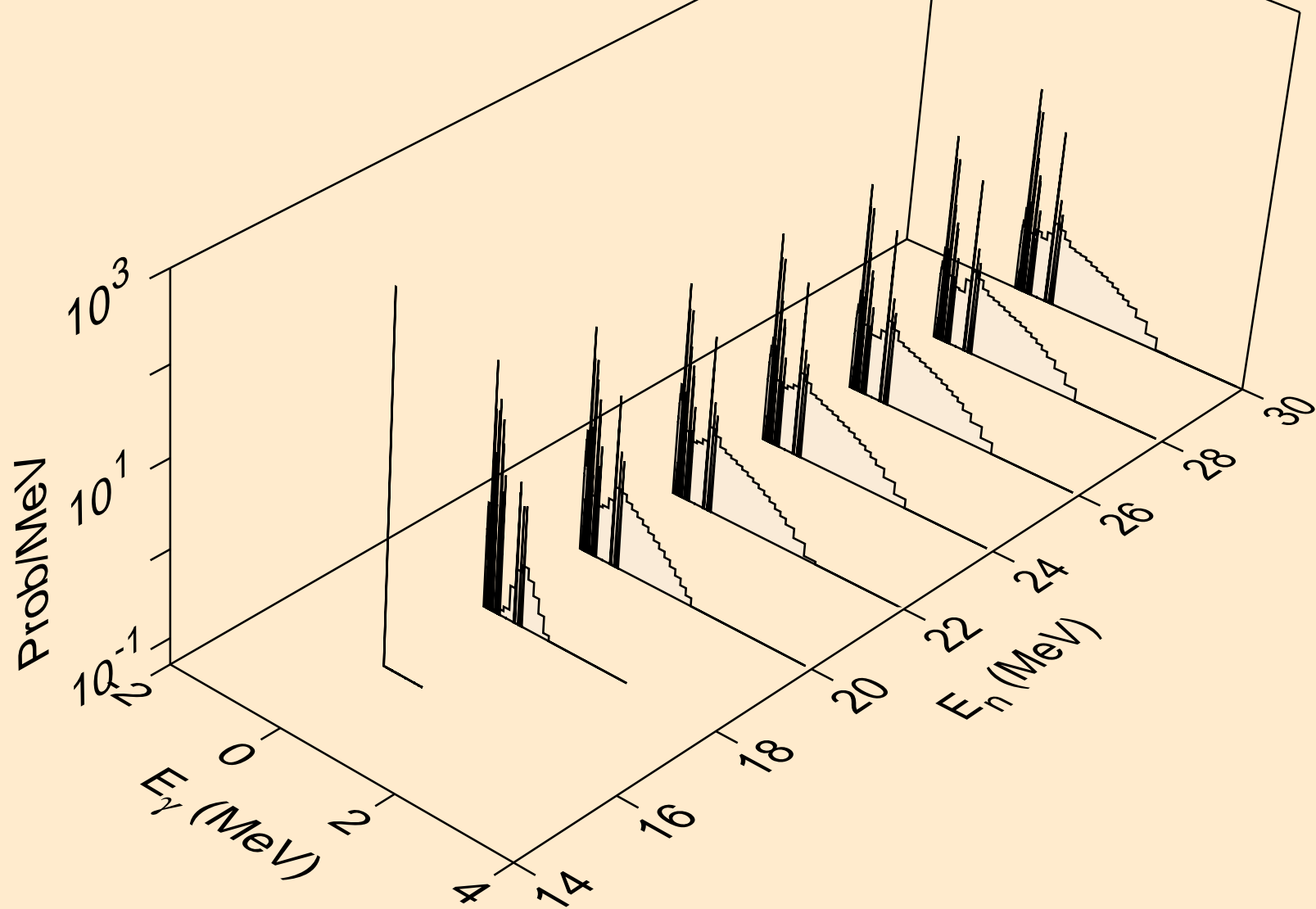
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

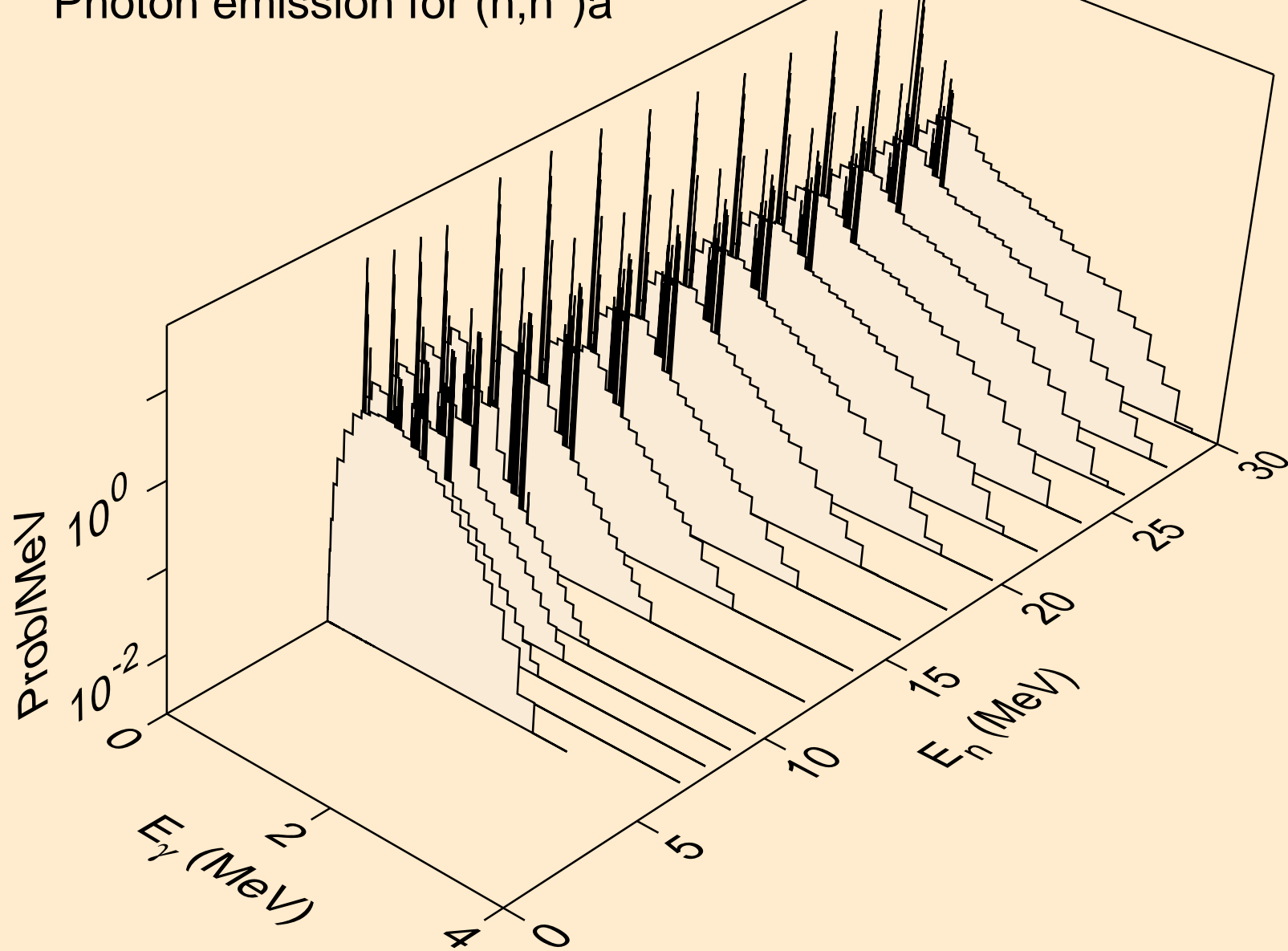


ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

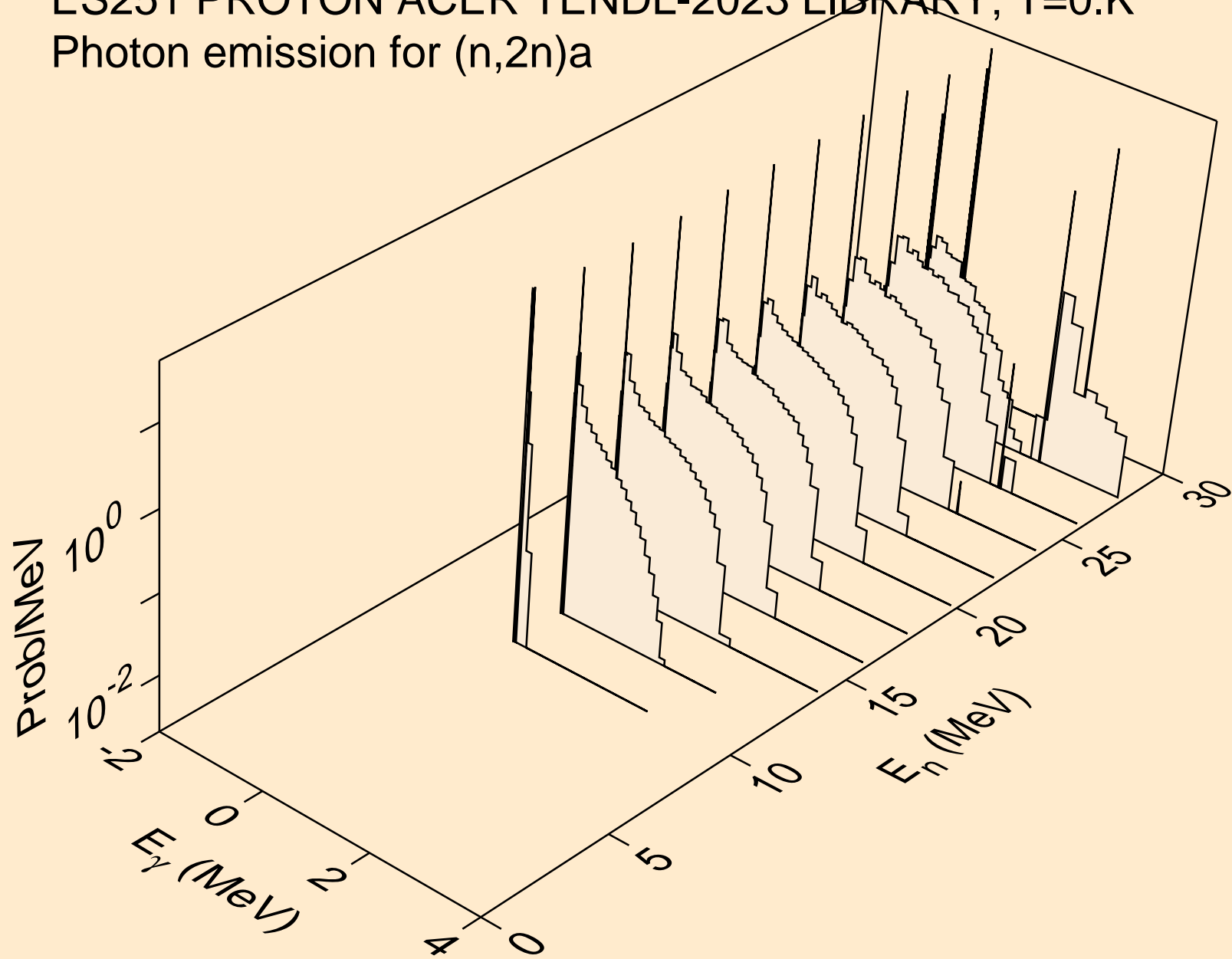




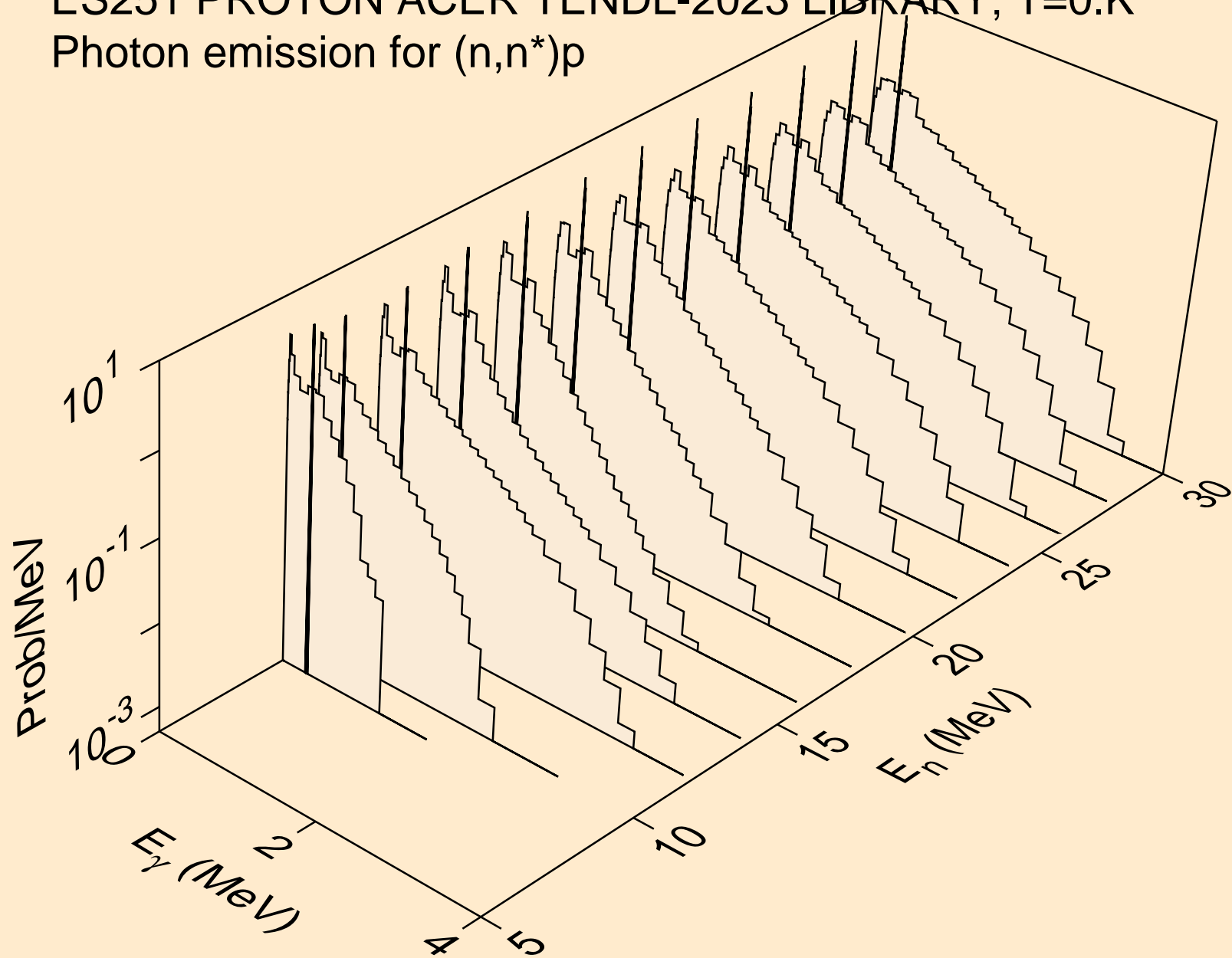
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



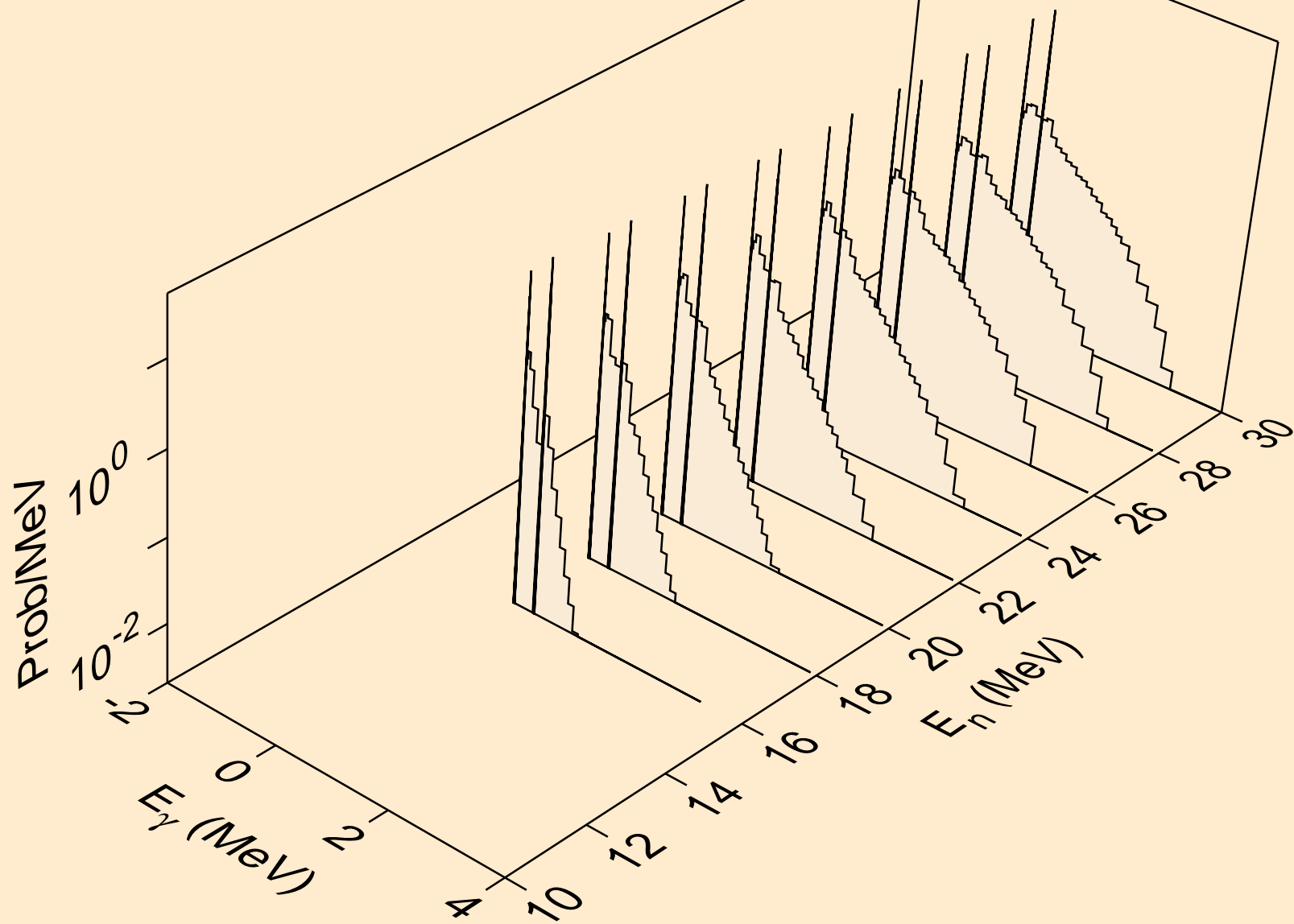
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



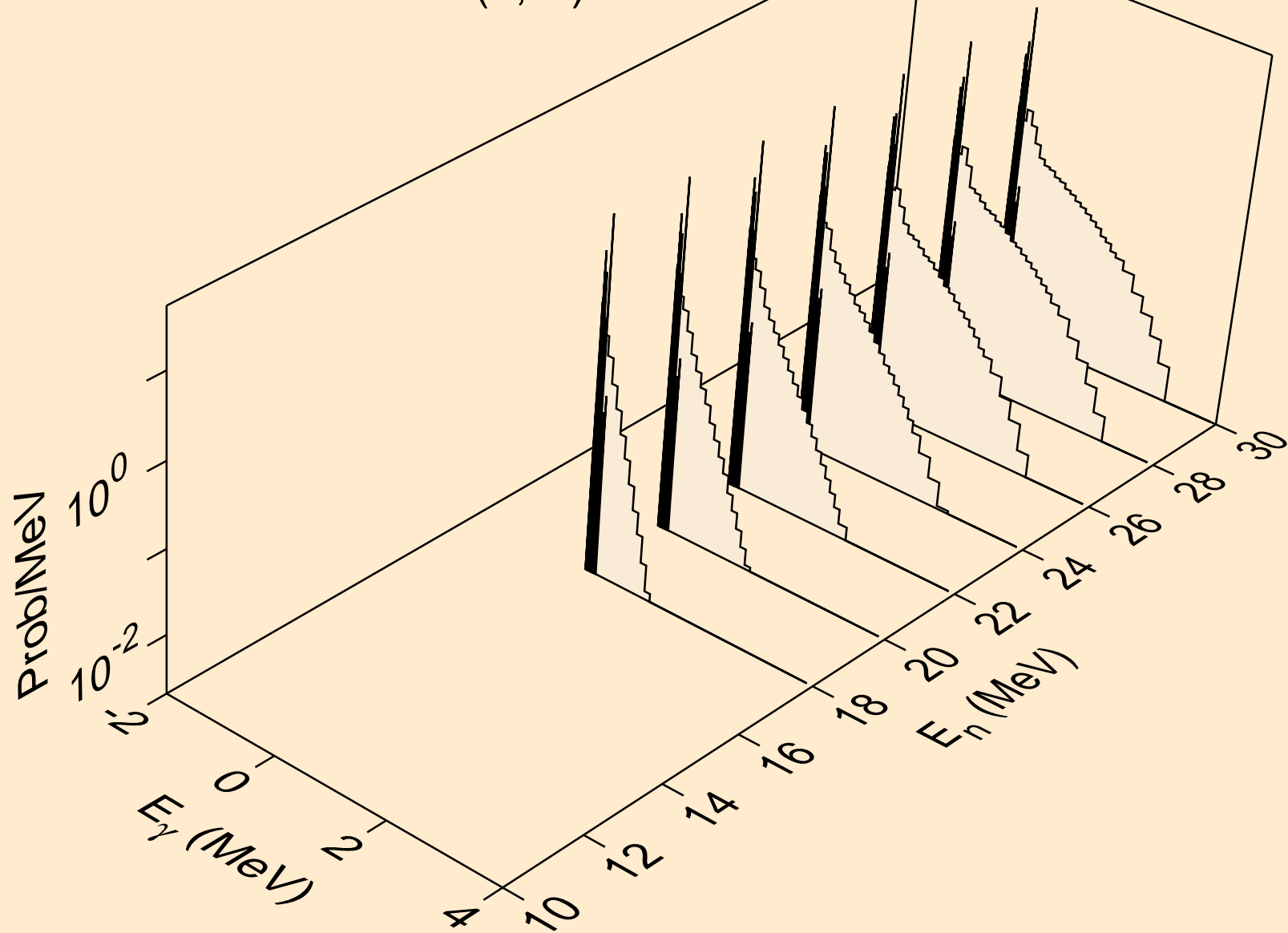
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



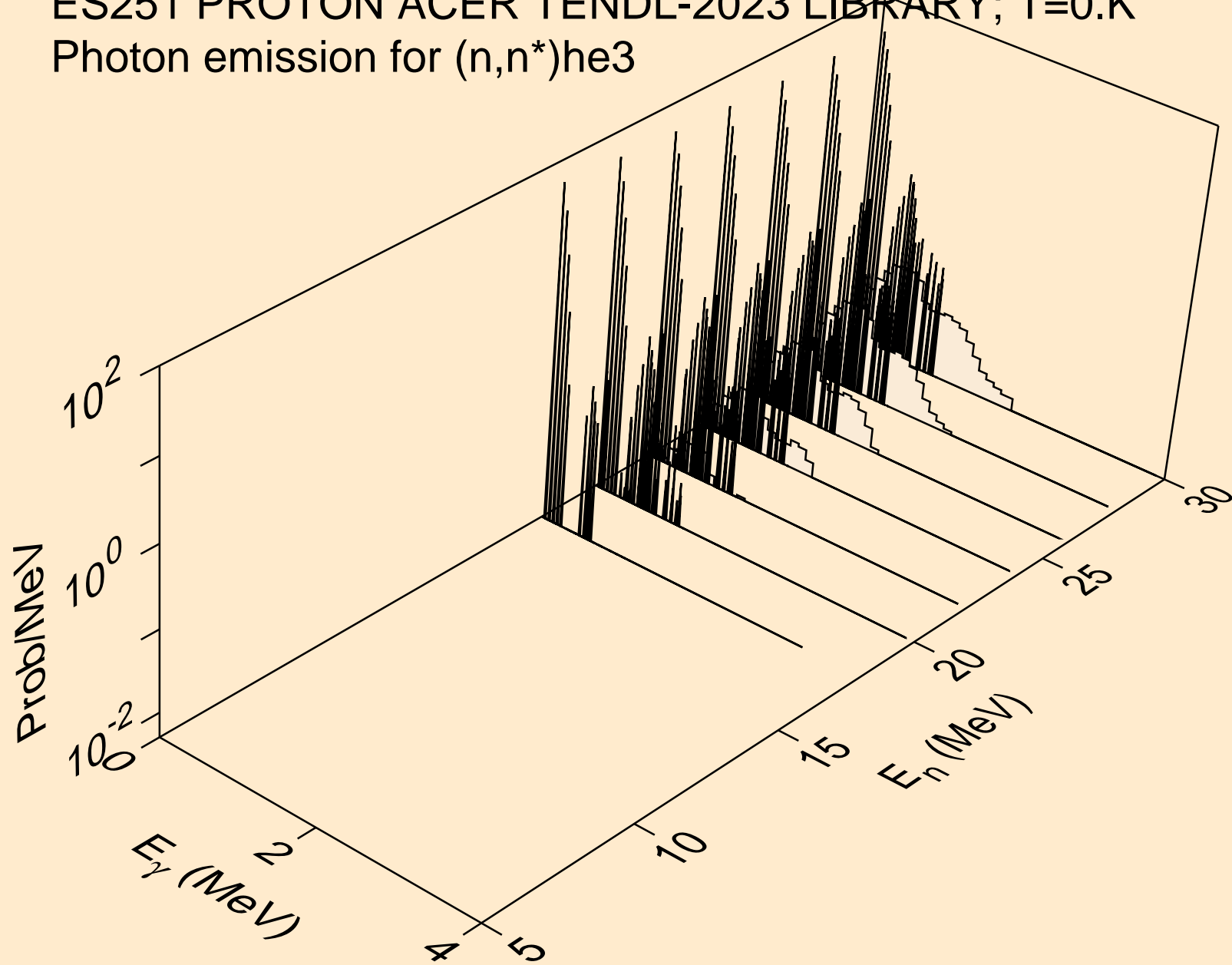
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



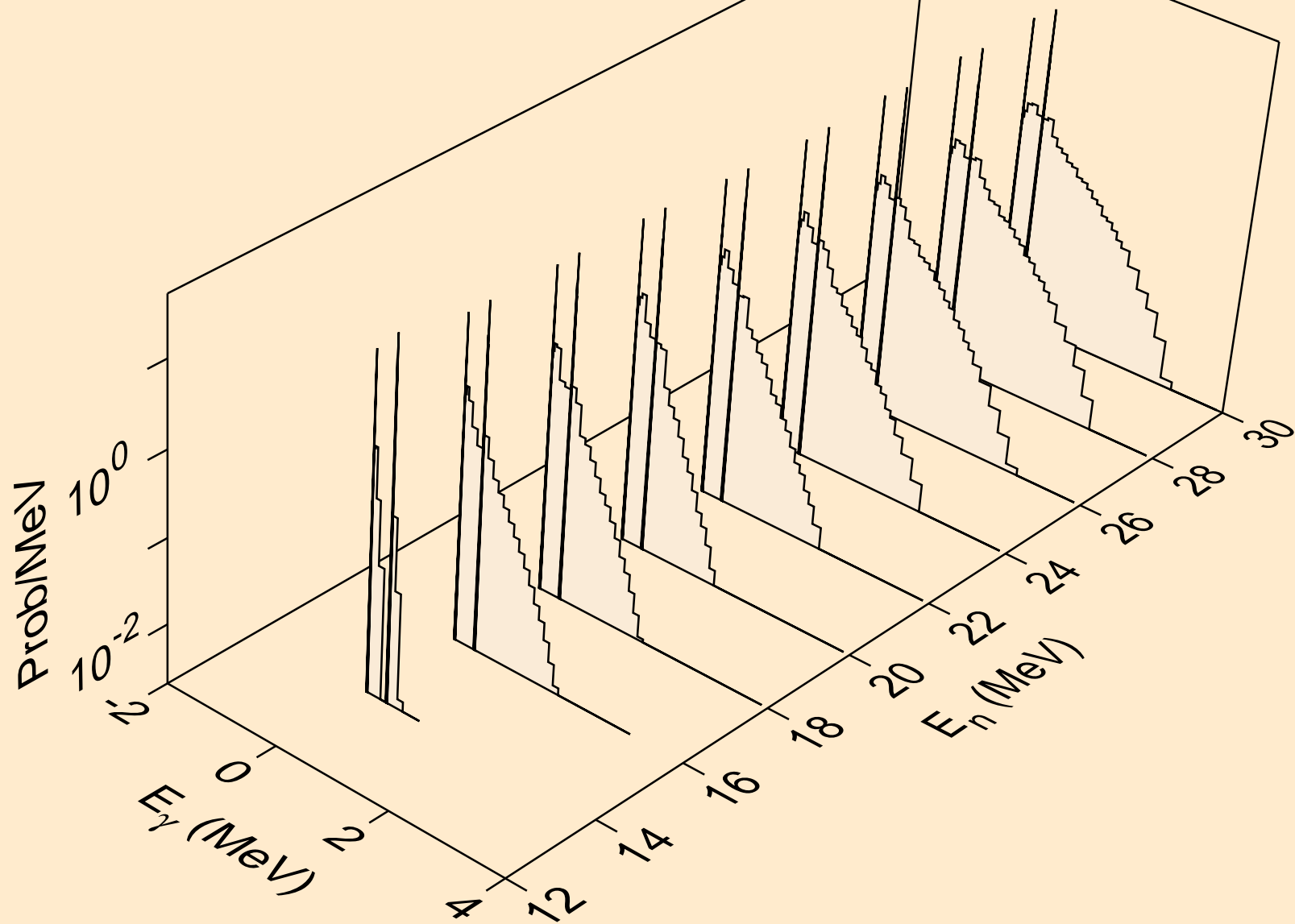
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



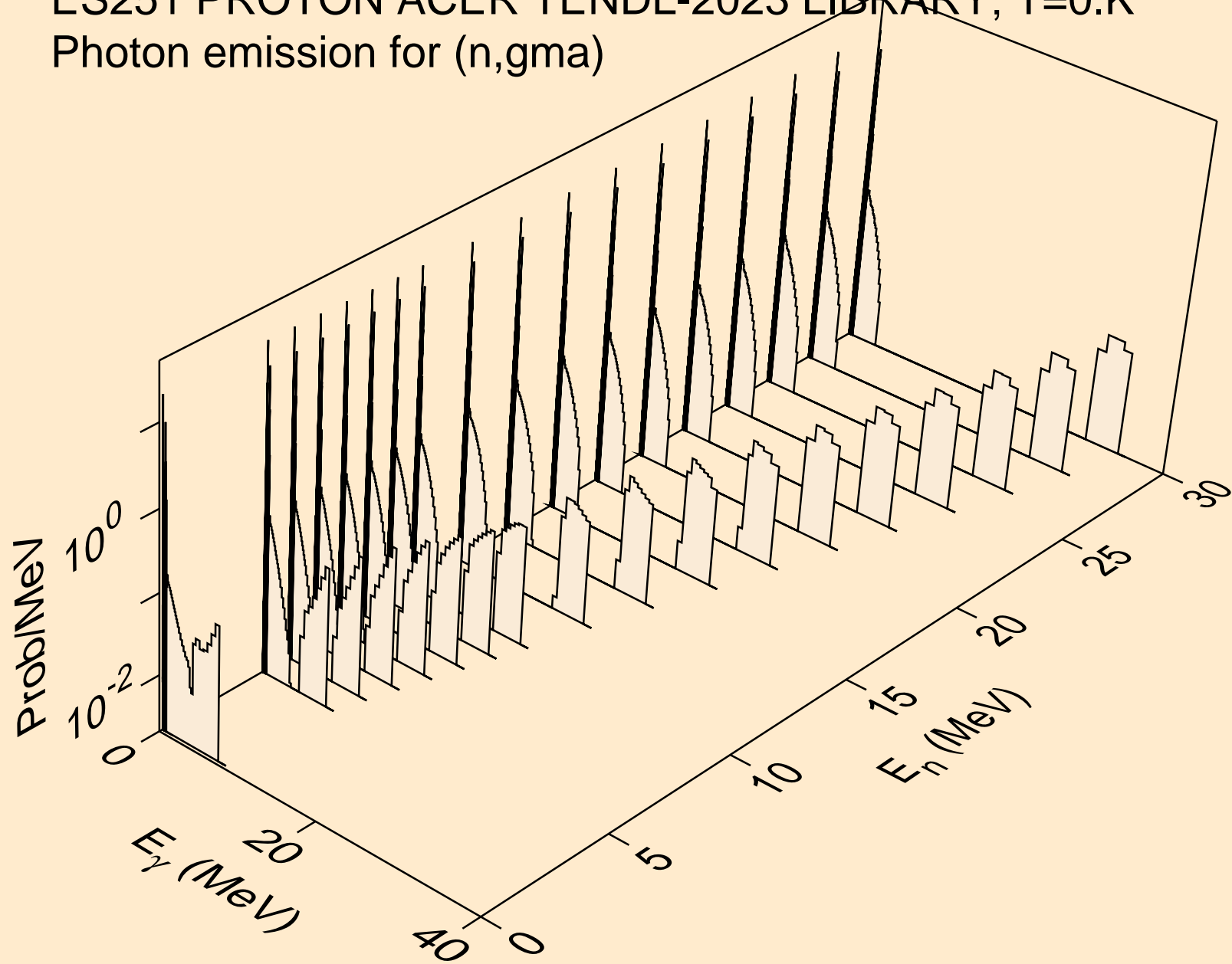
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

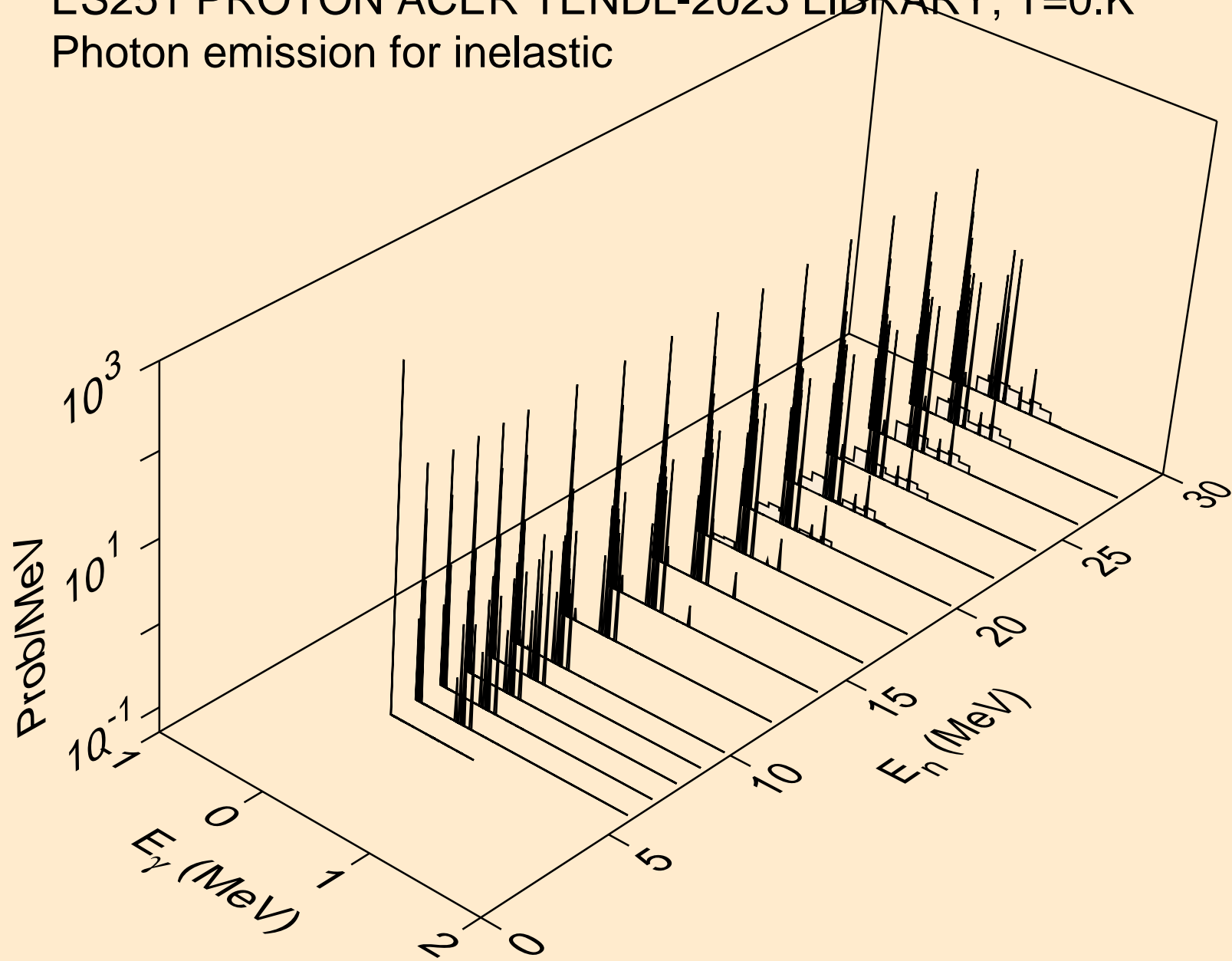


ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

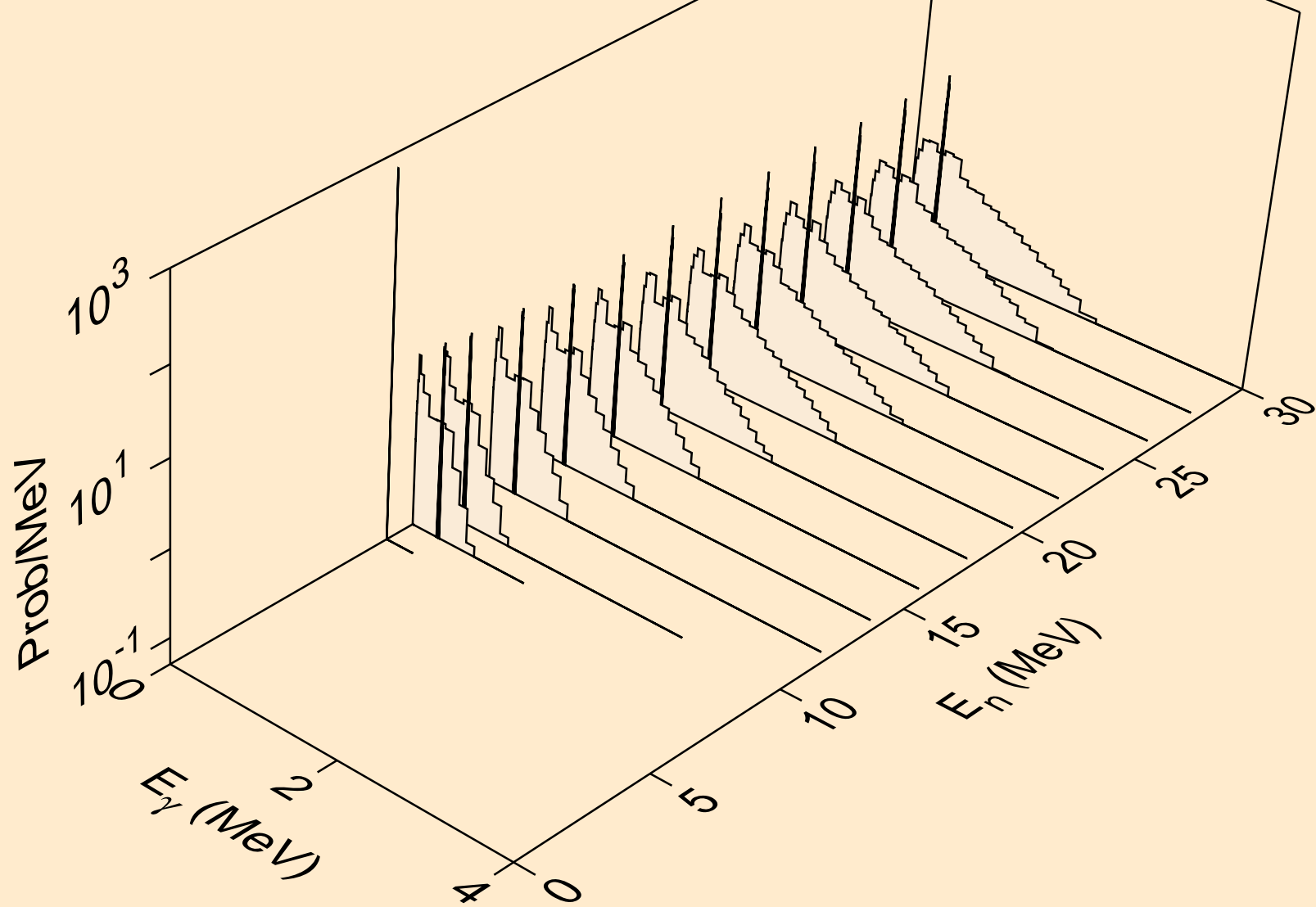




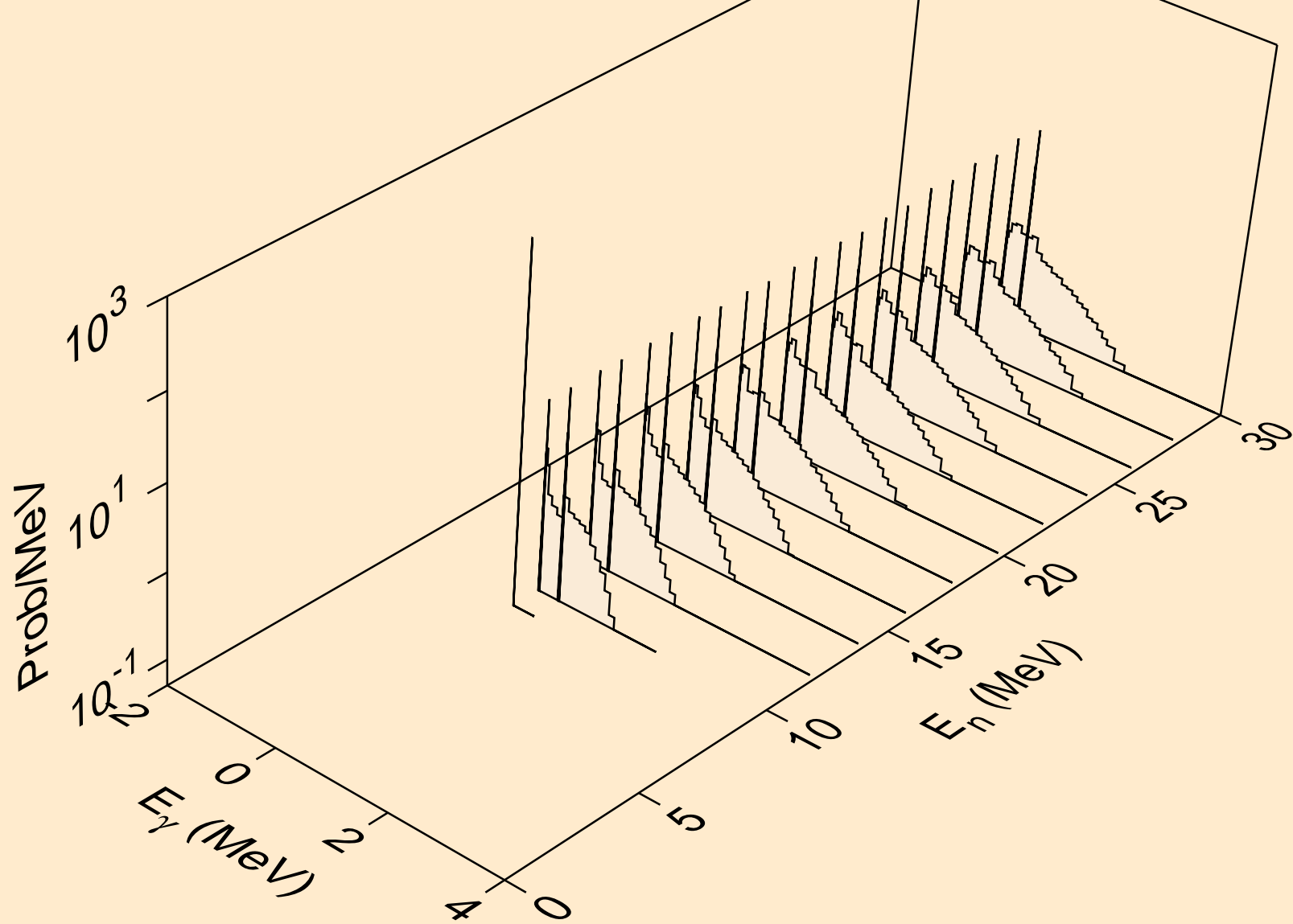
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



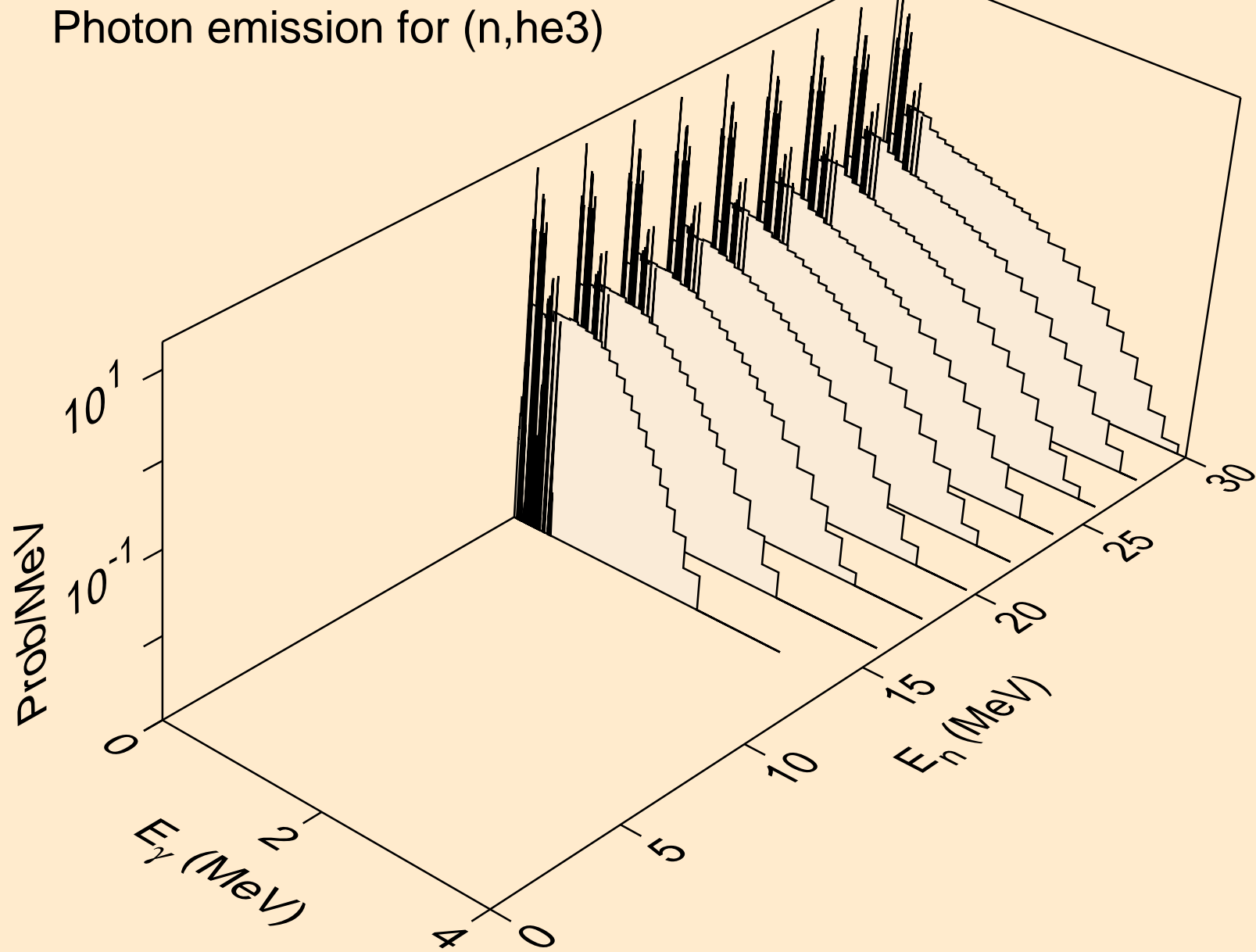
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



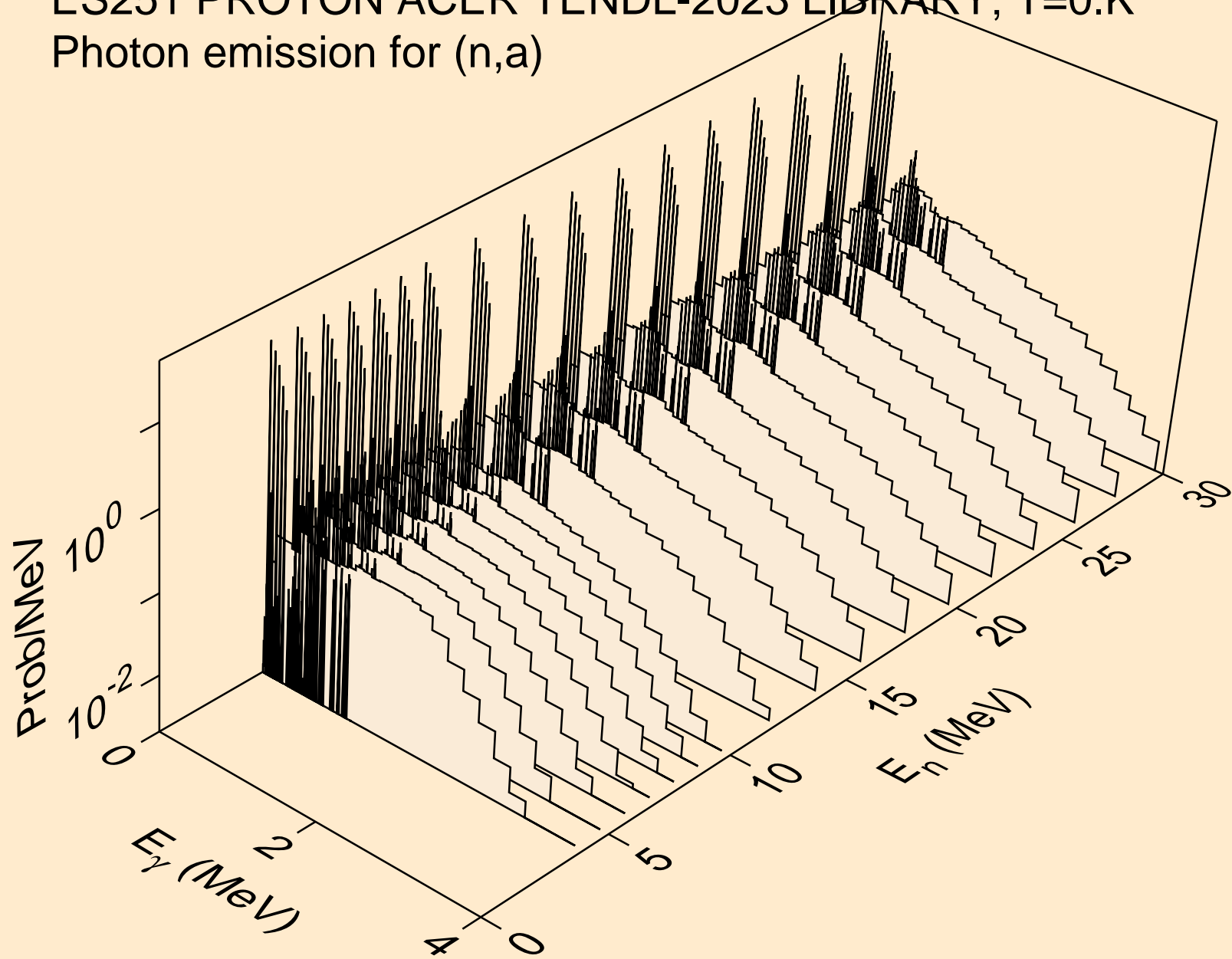
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



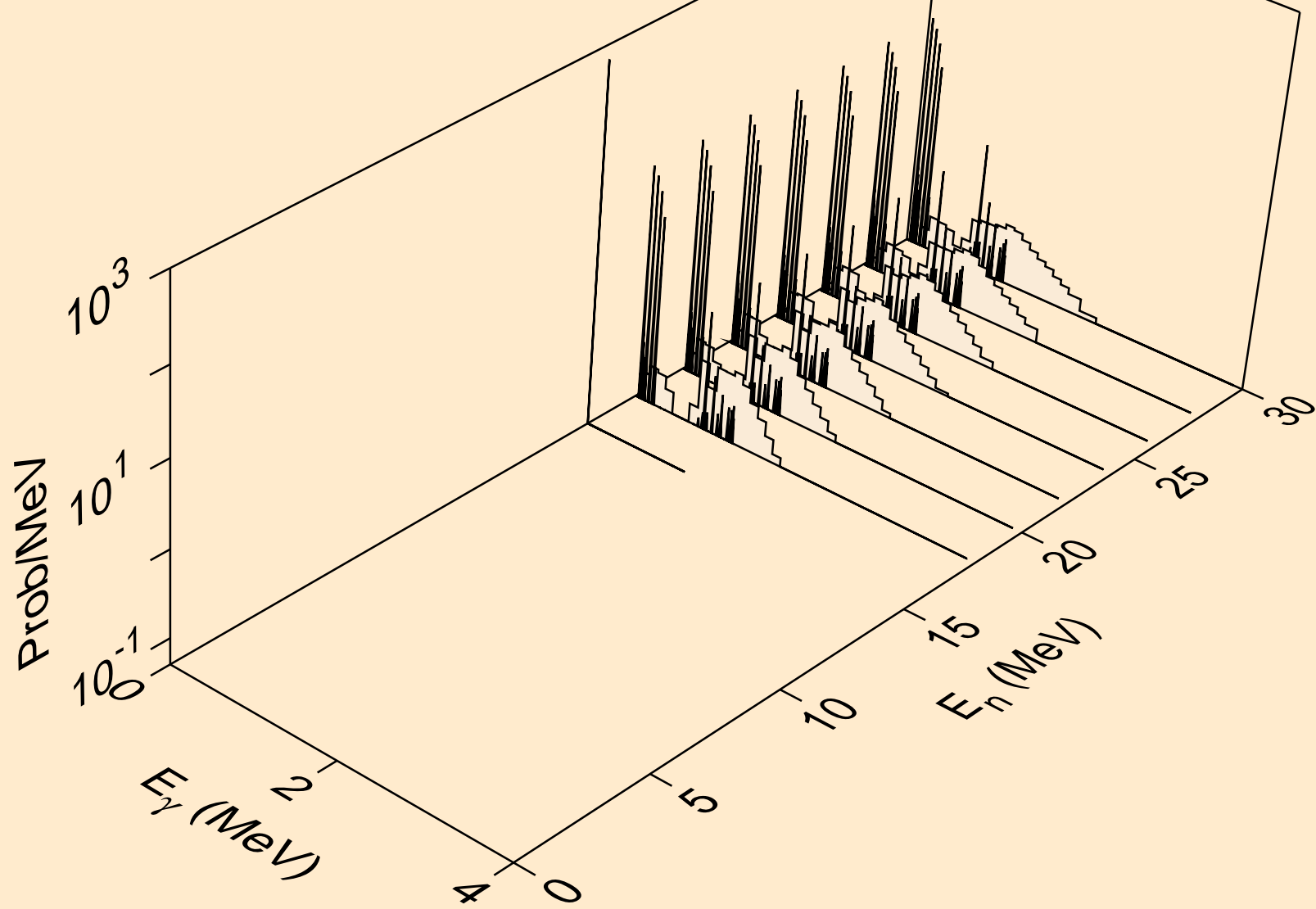
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

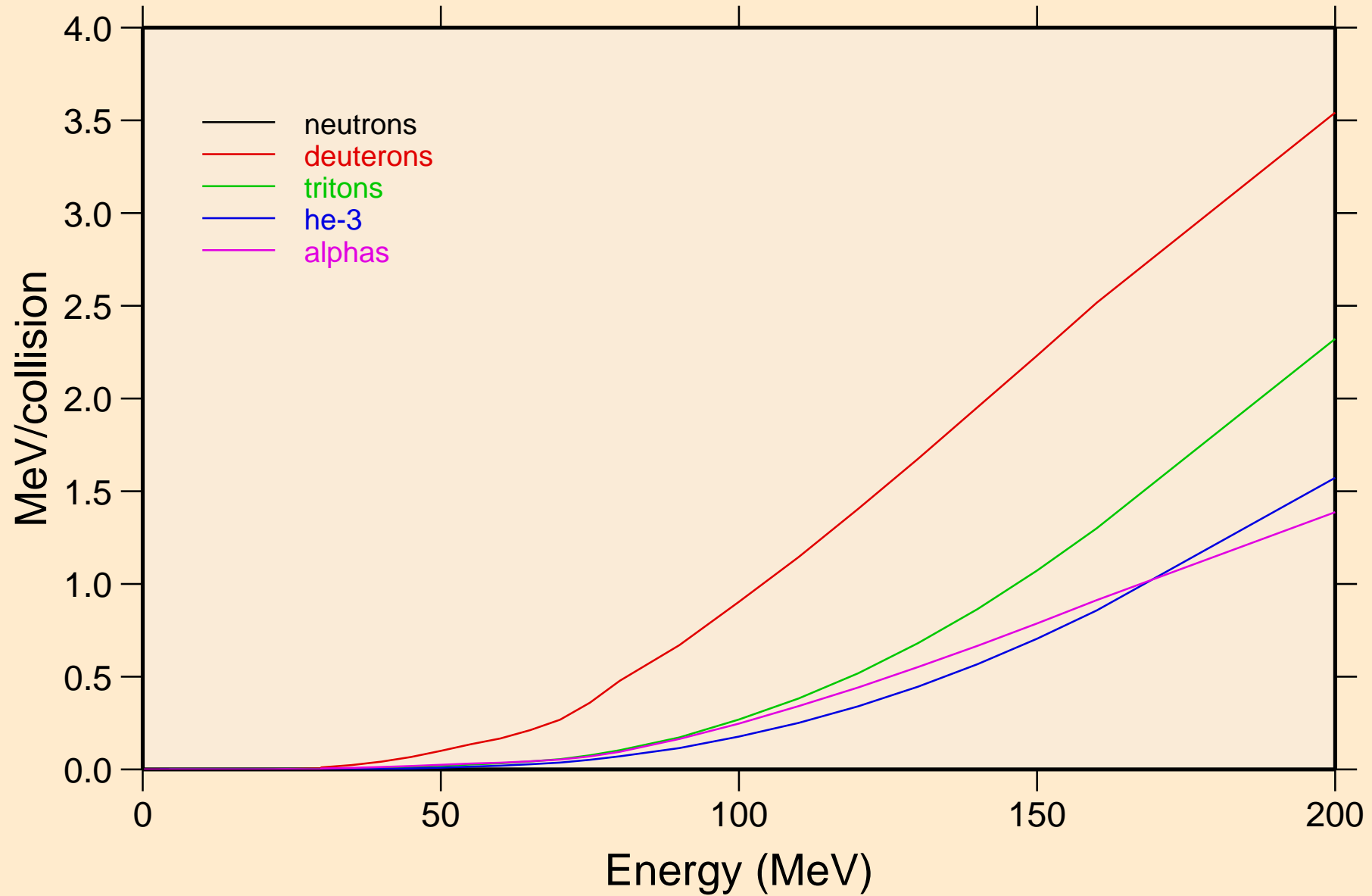


ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



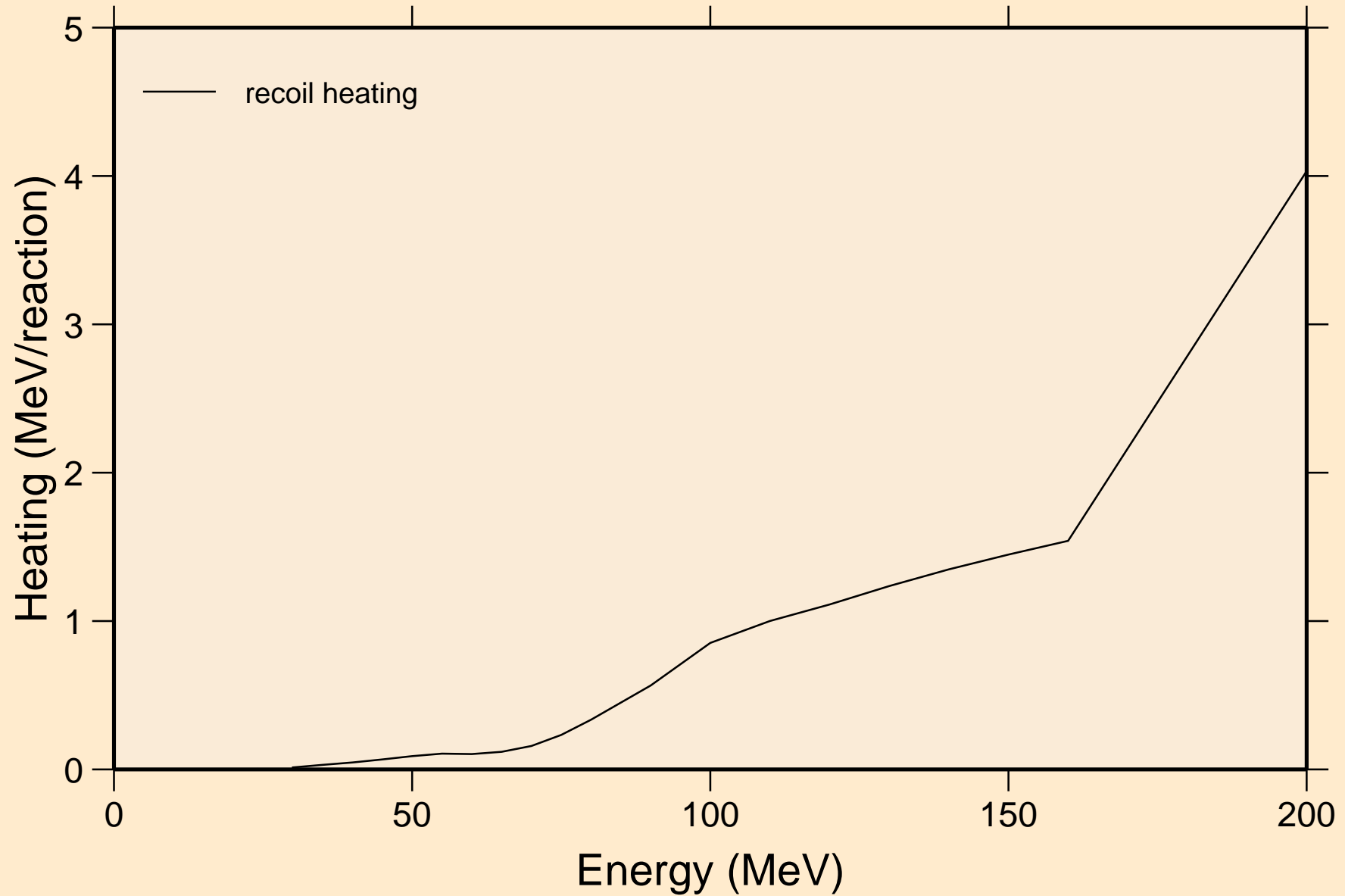
# ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



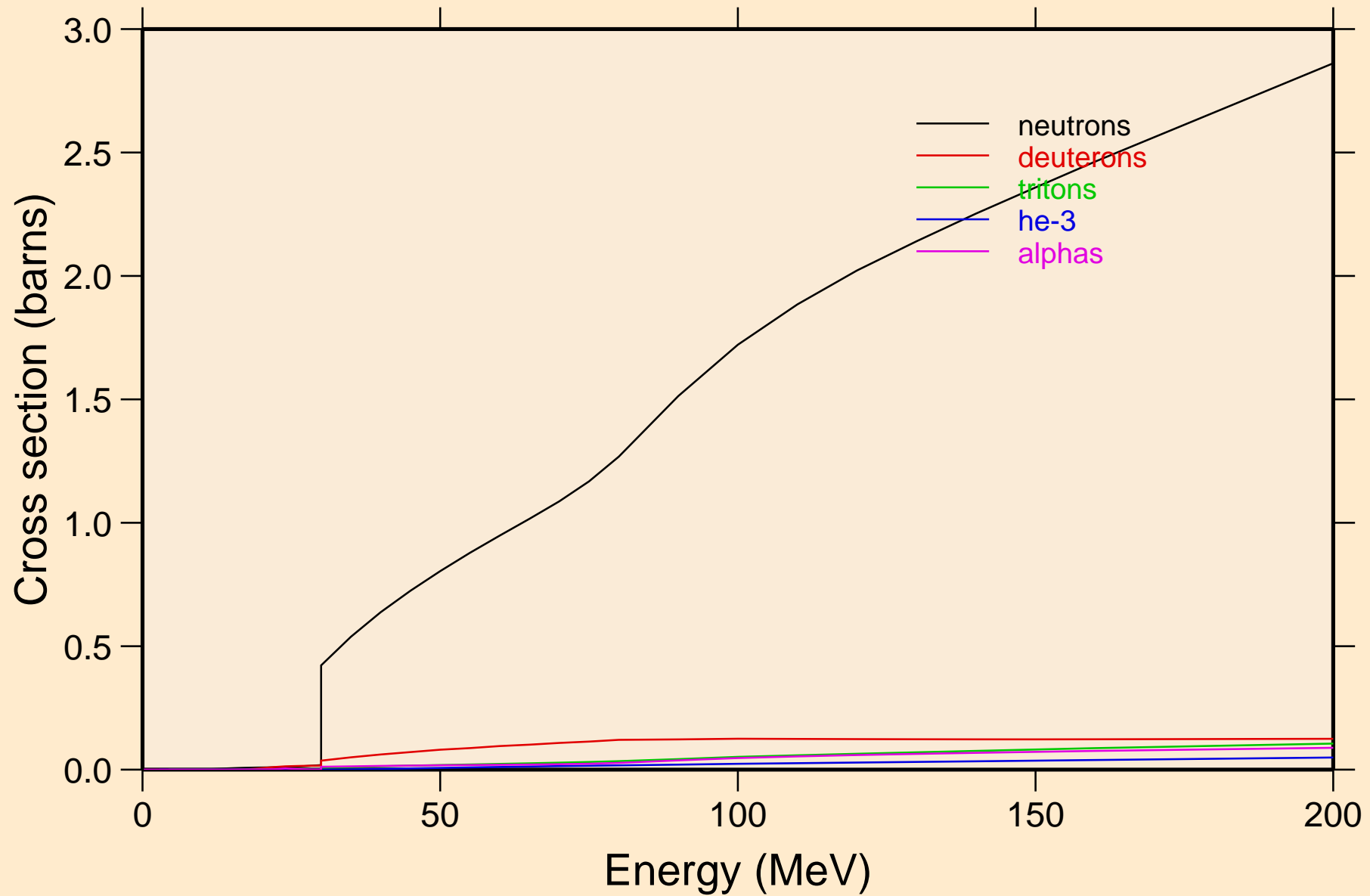
# ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

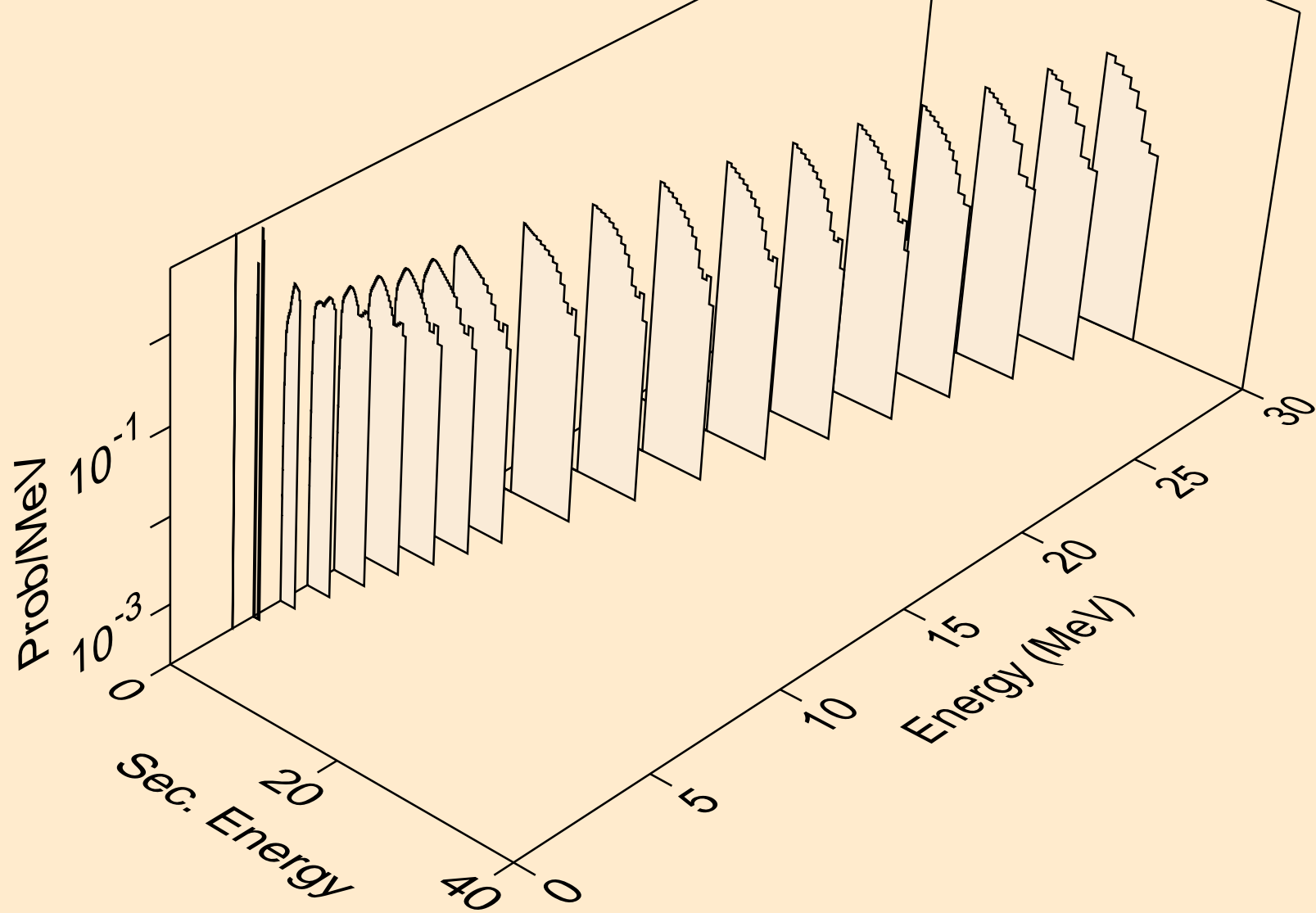




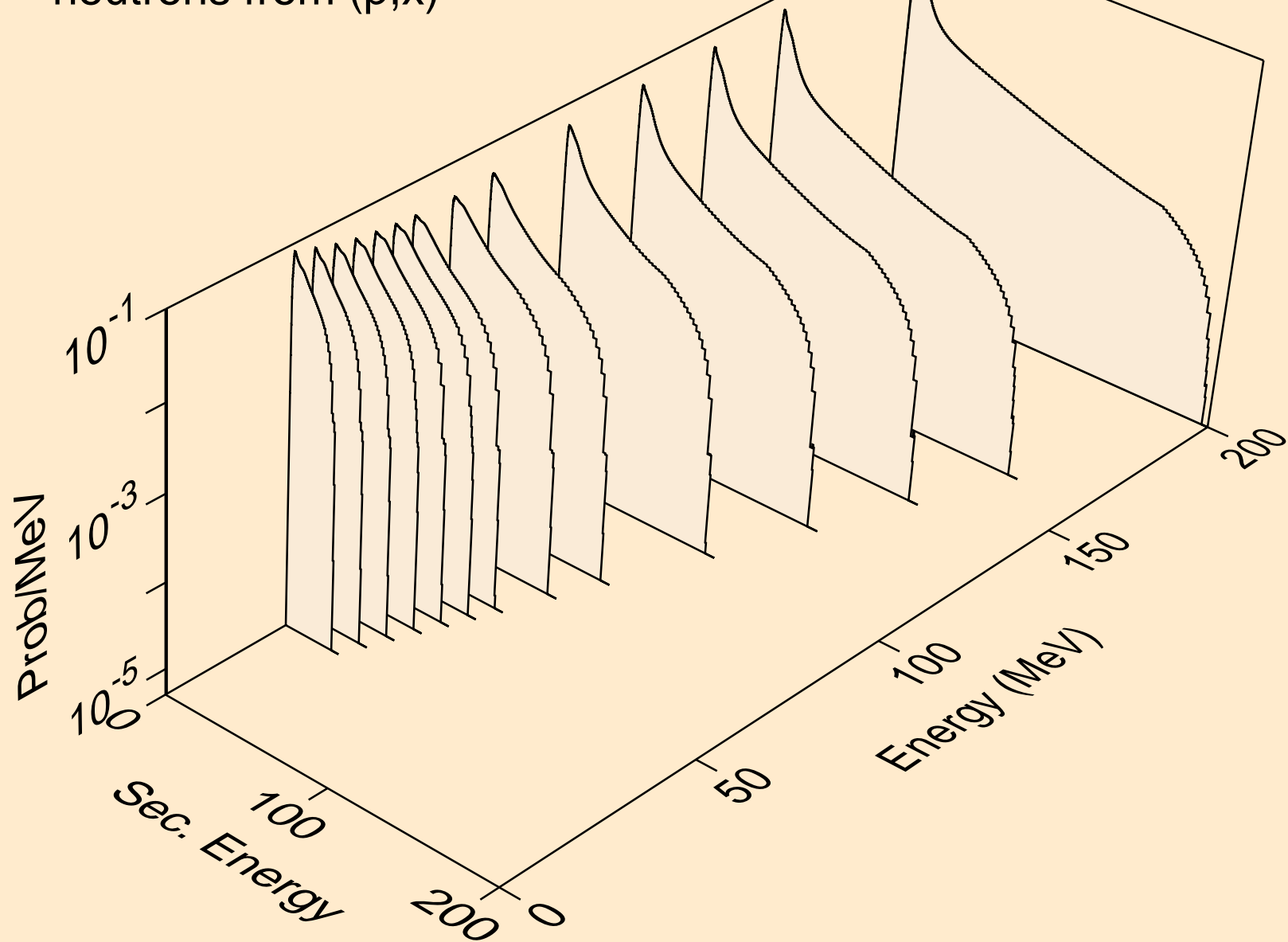
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



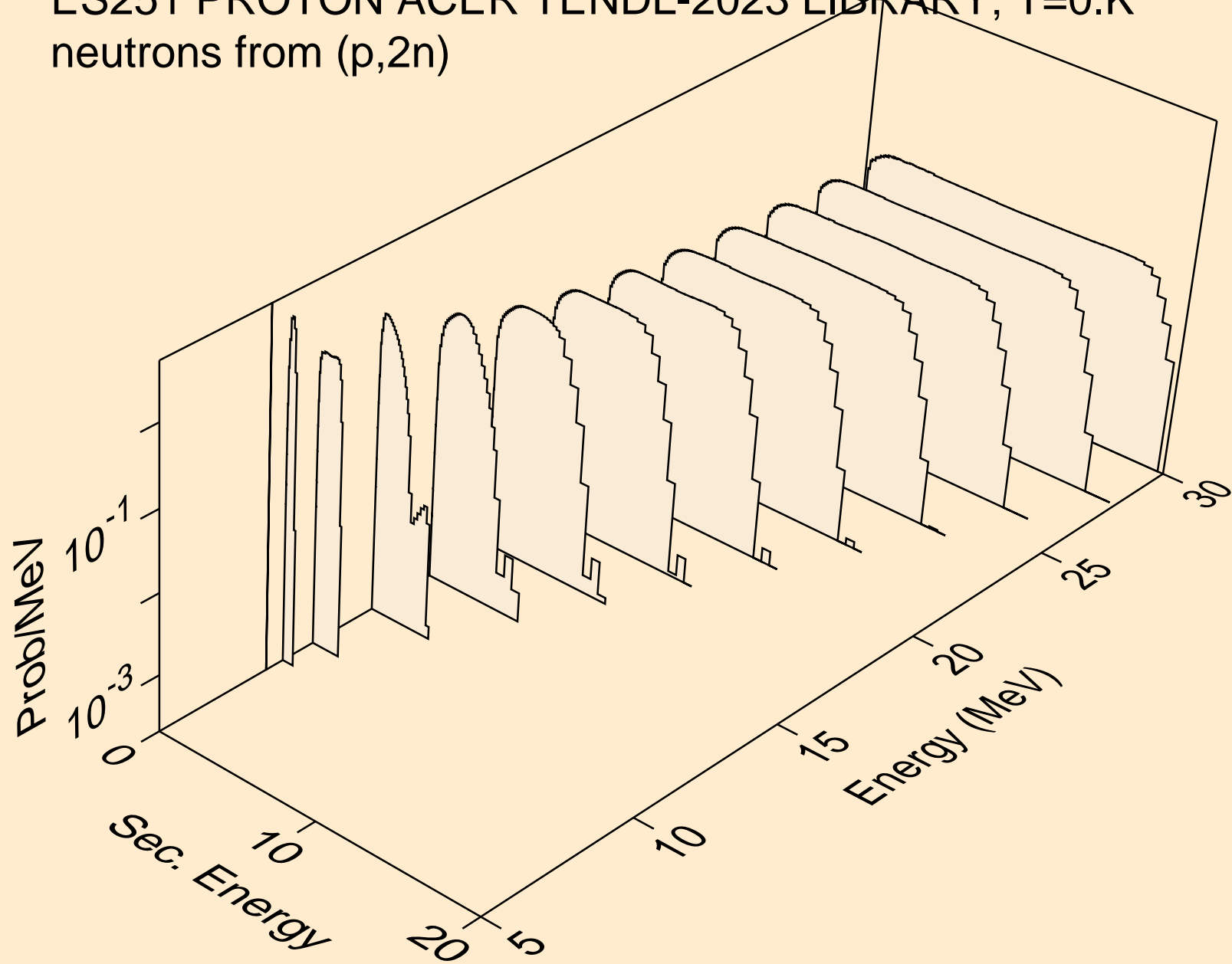
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



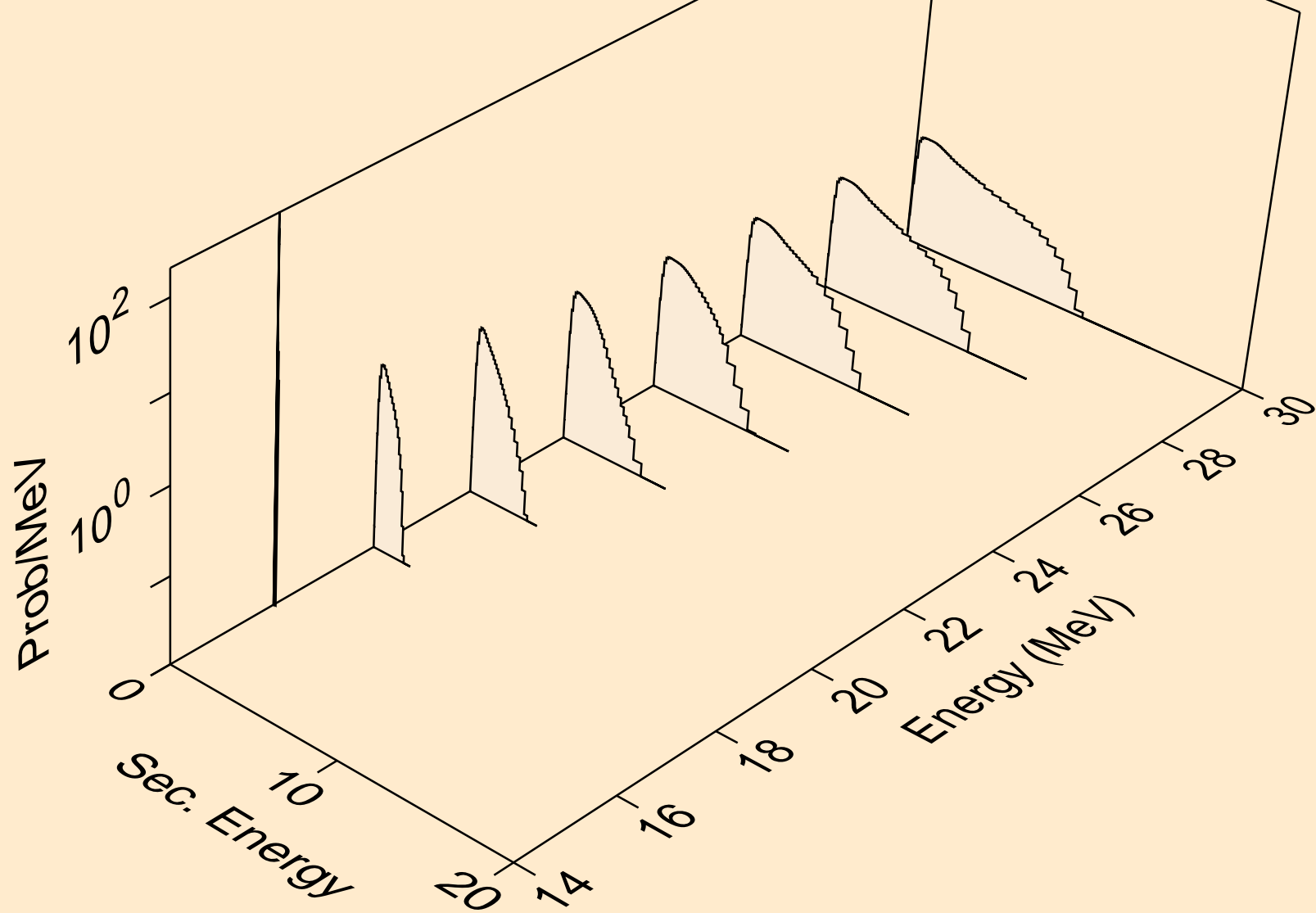
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



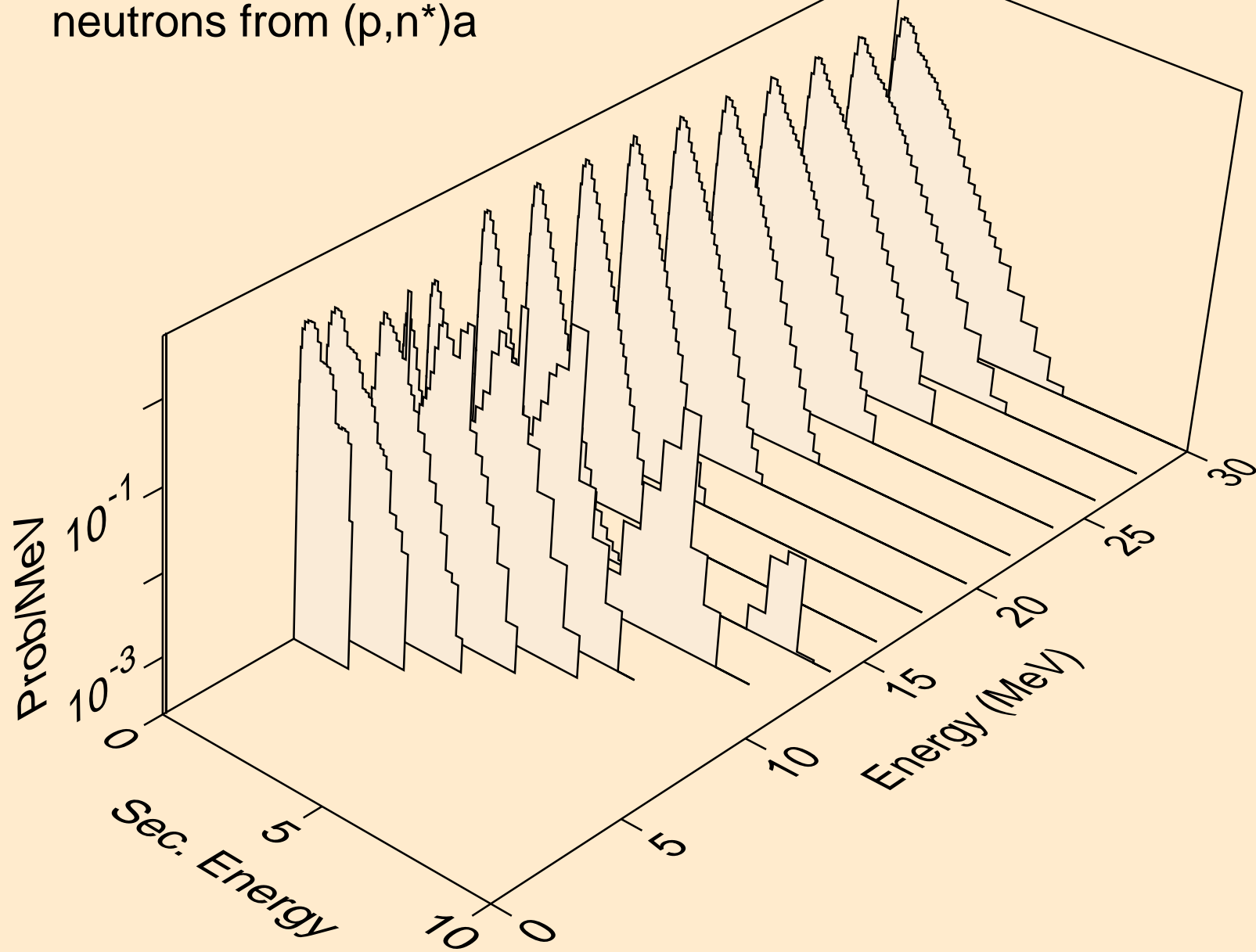
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



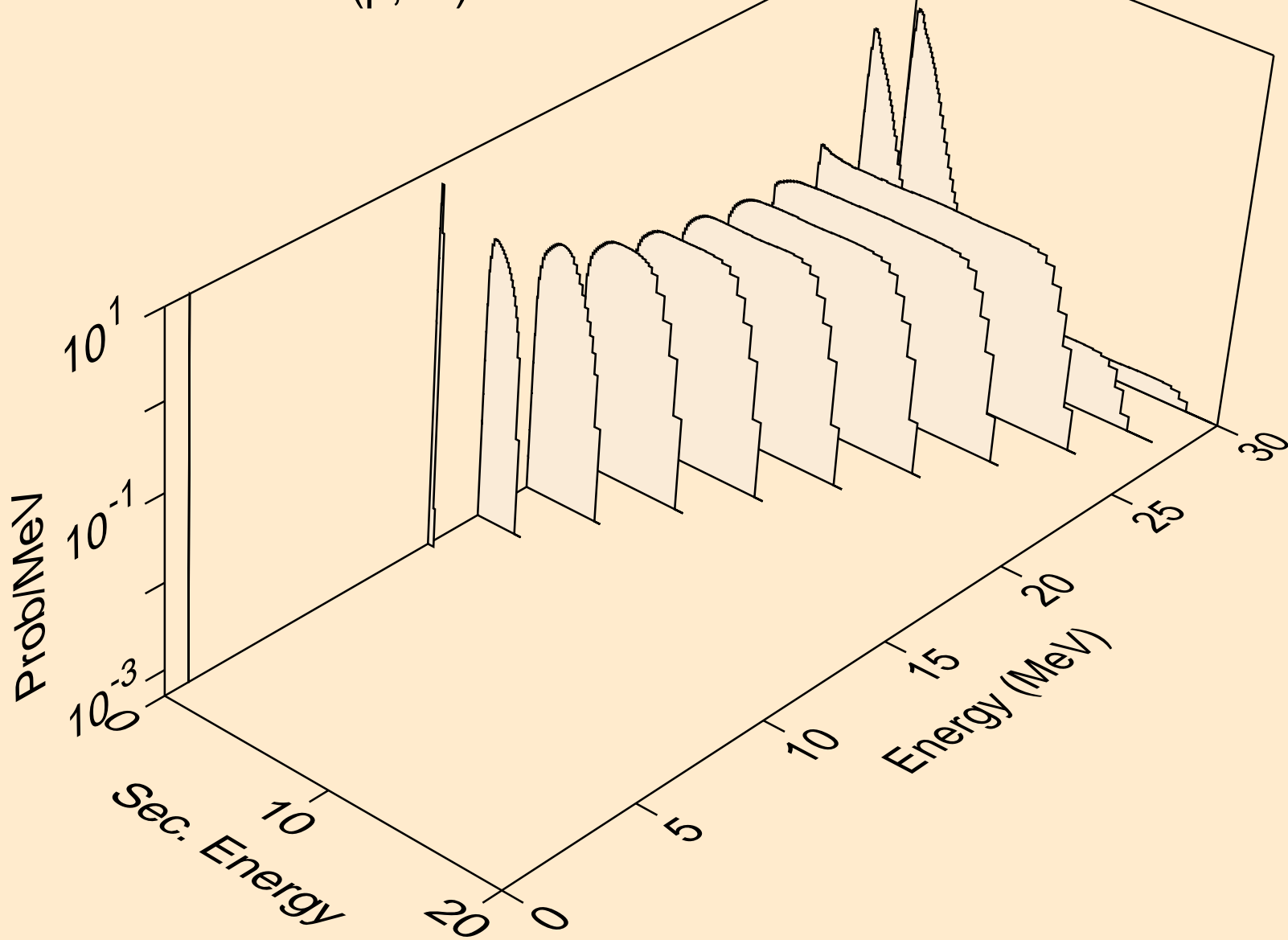
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



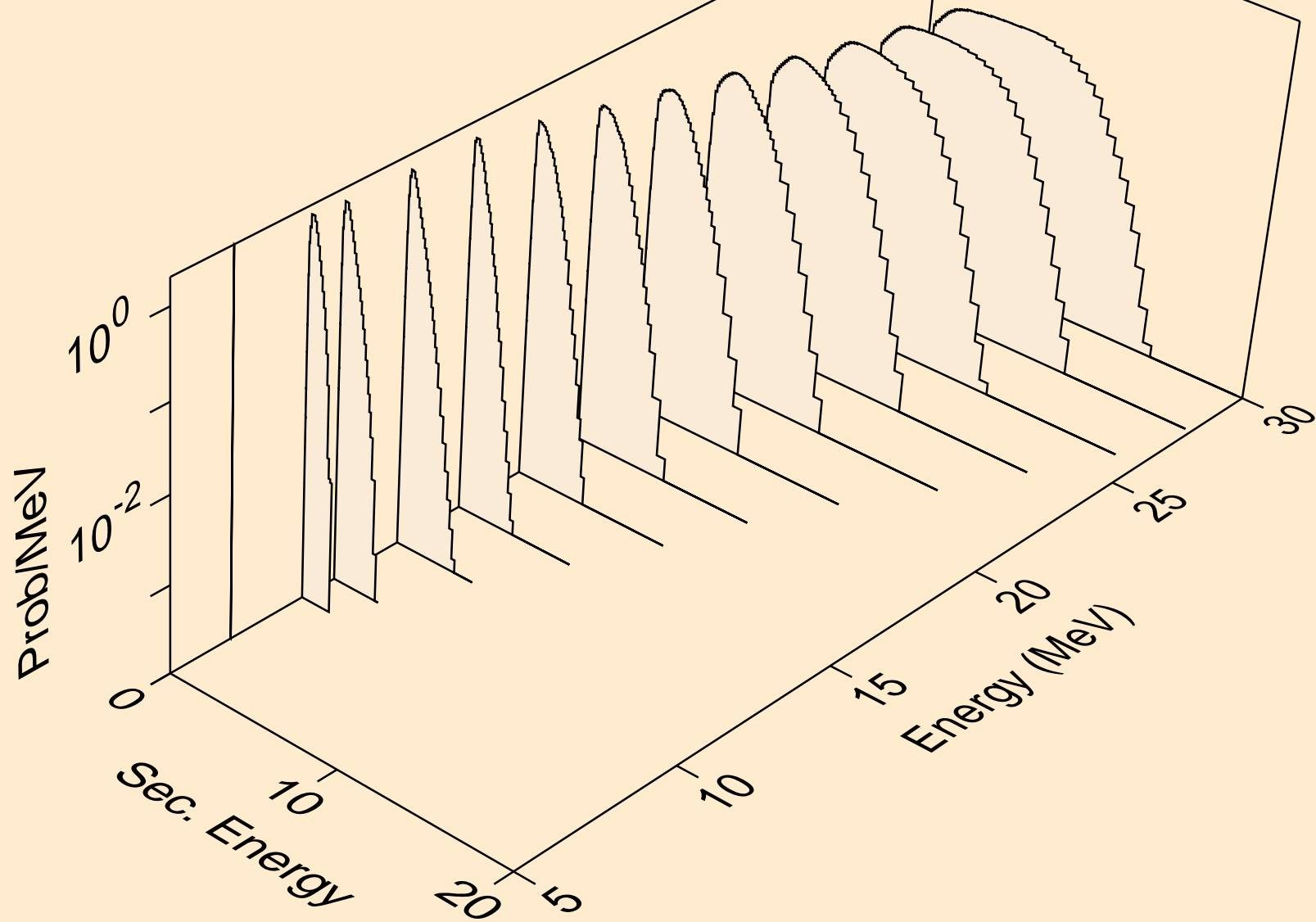
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a

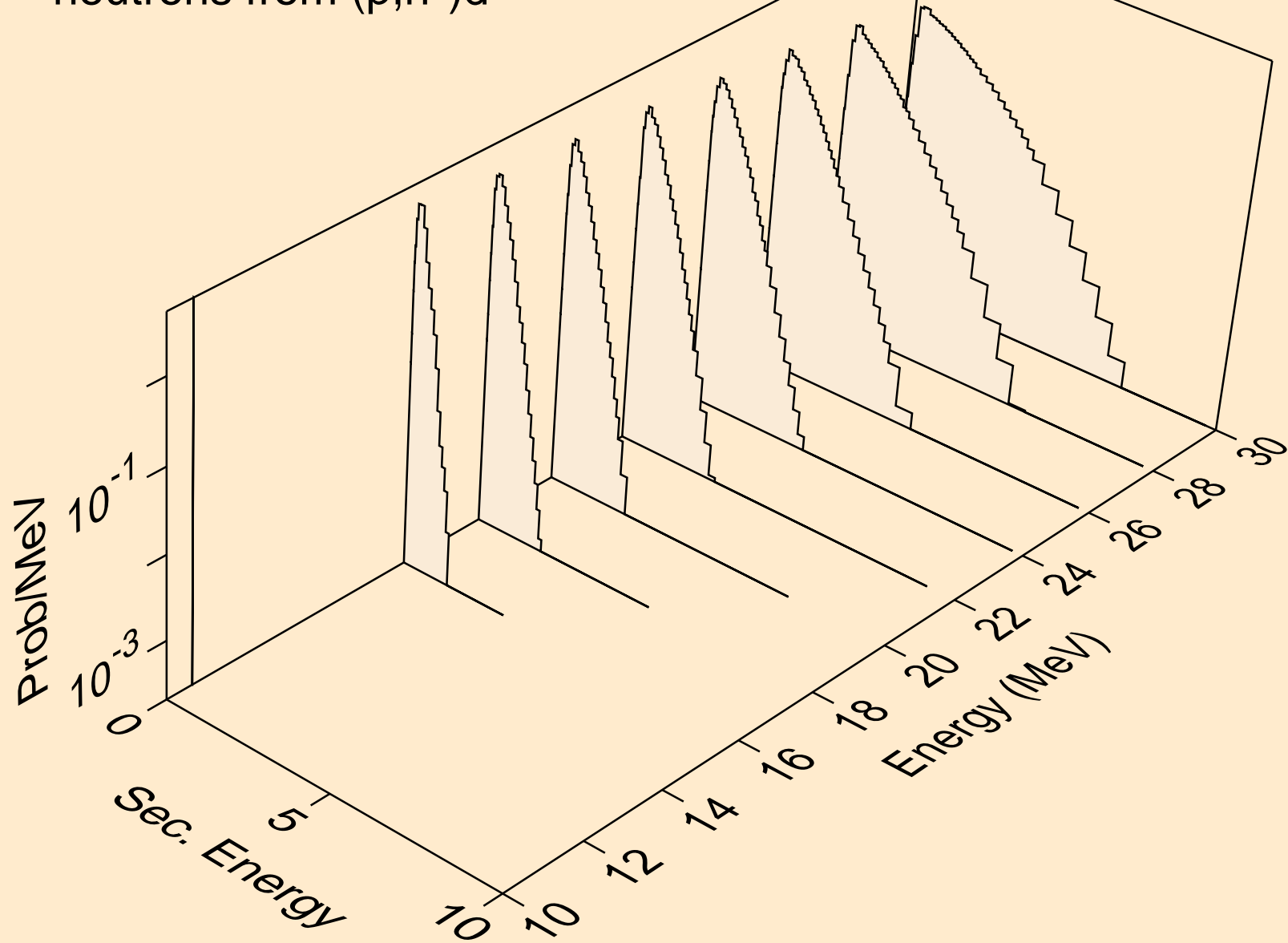


ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p

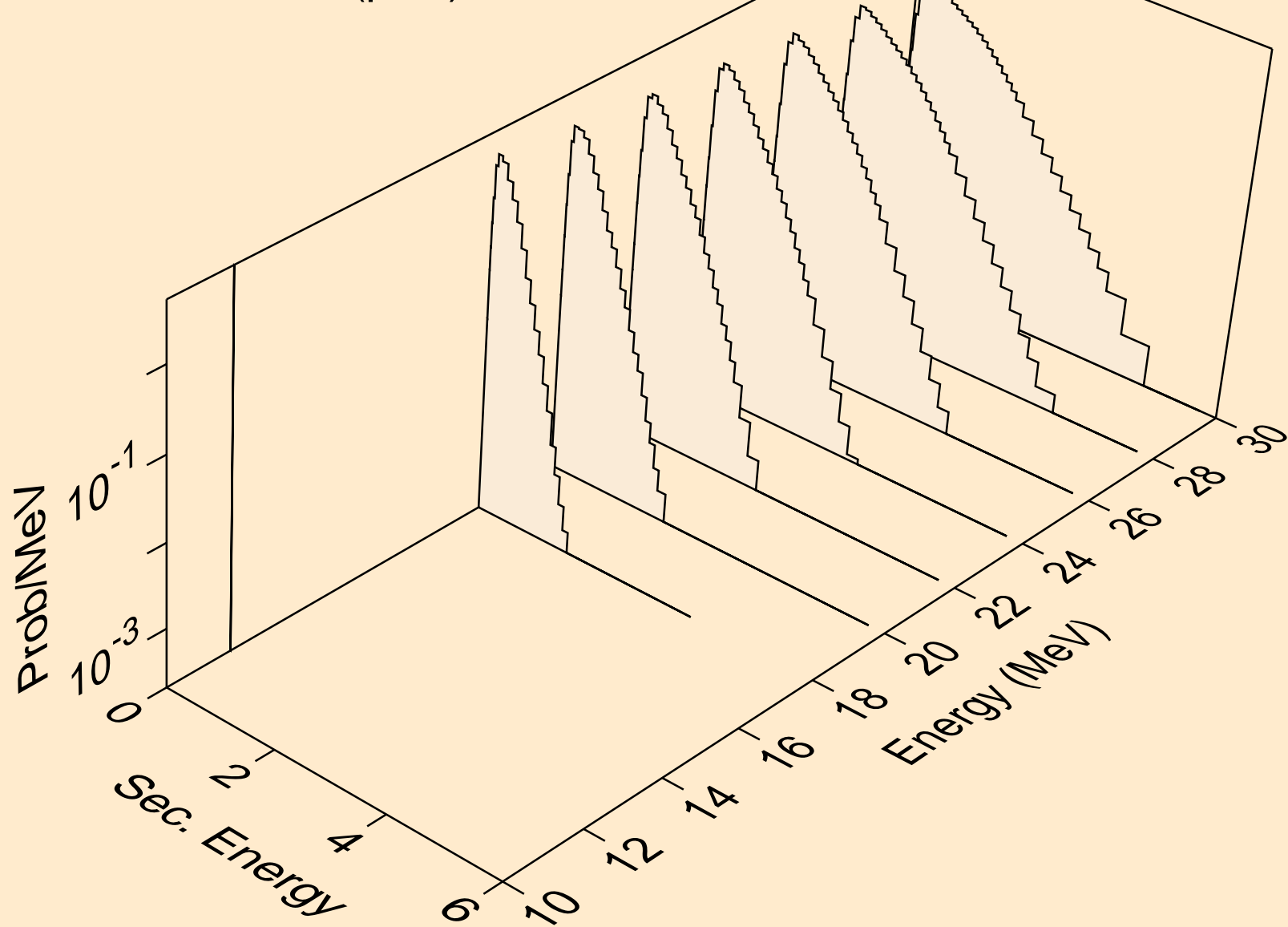




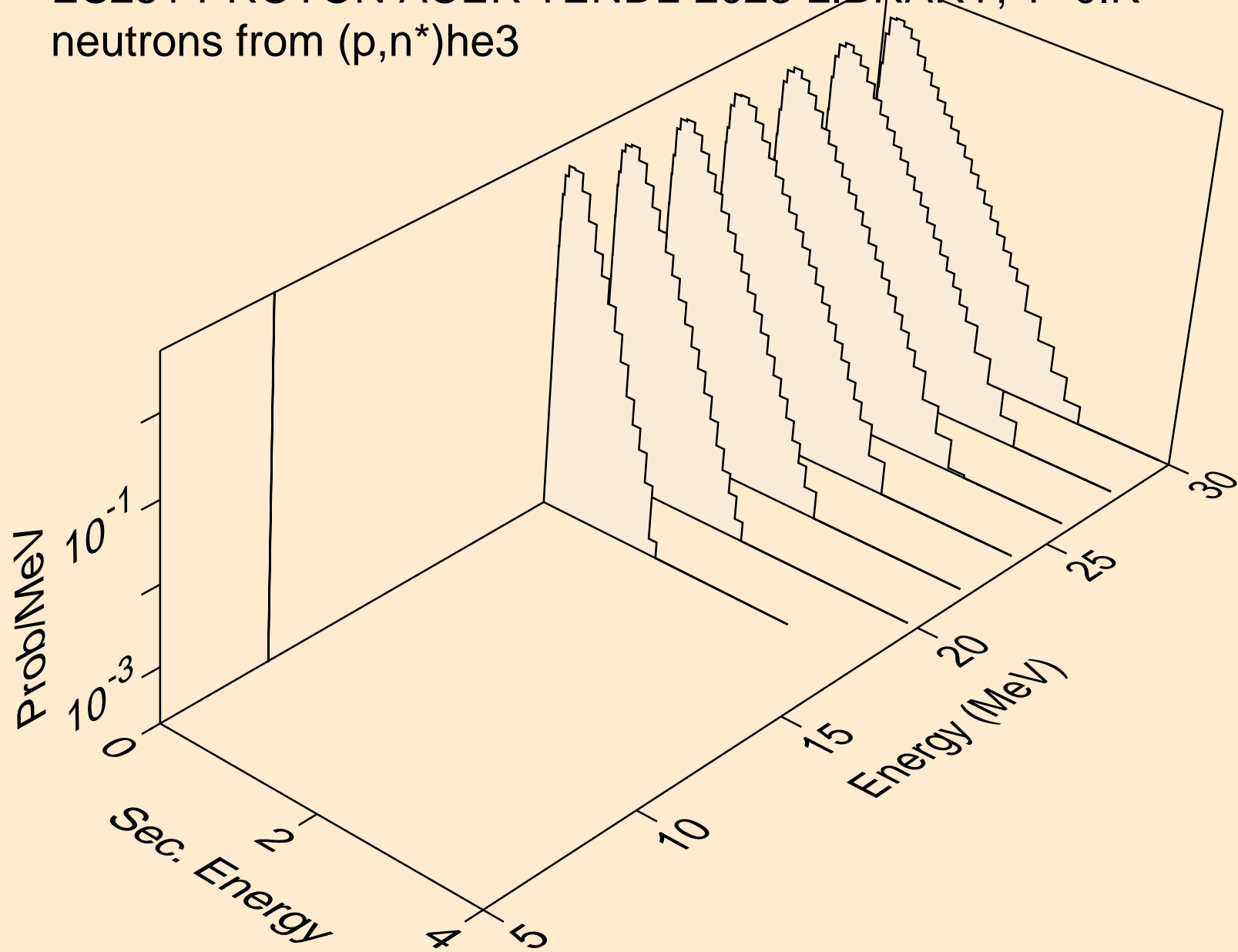
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



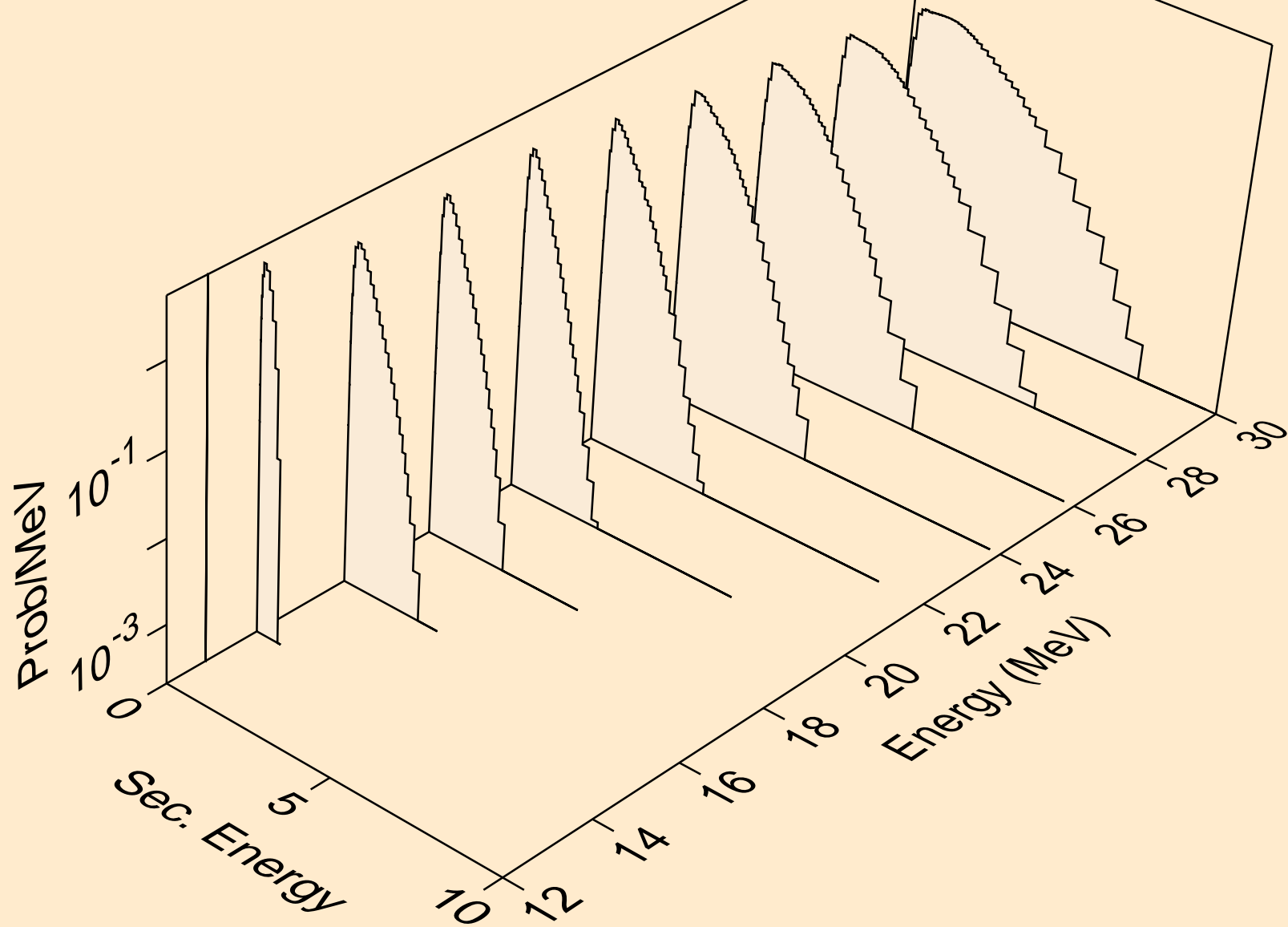
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



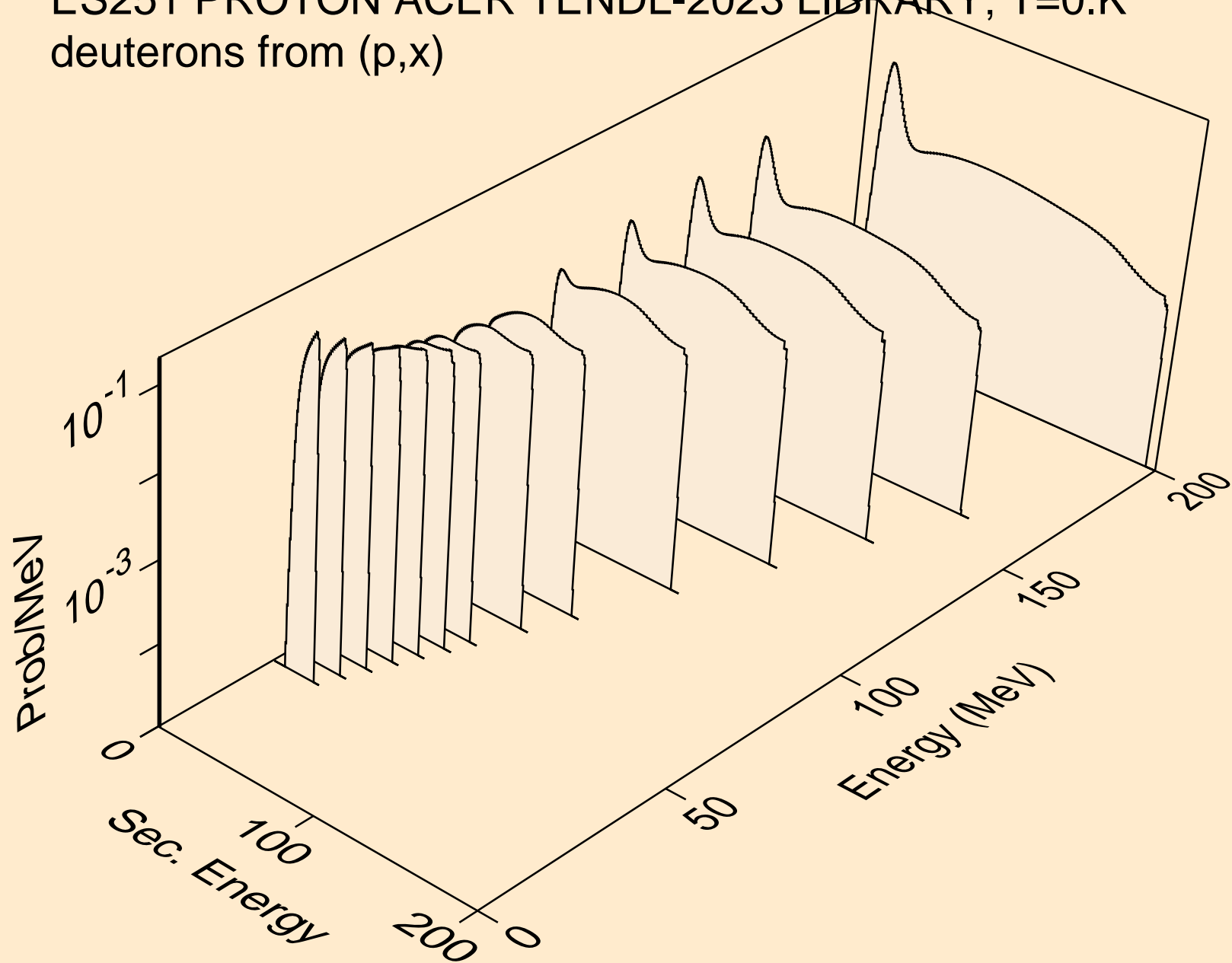
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



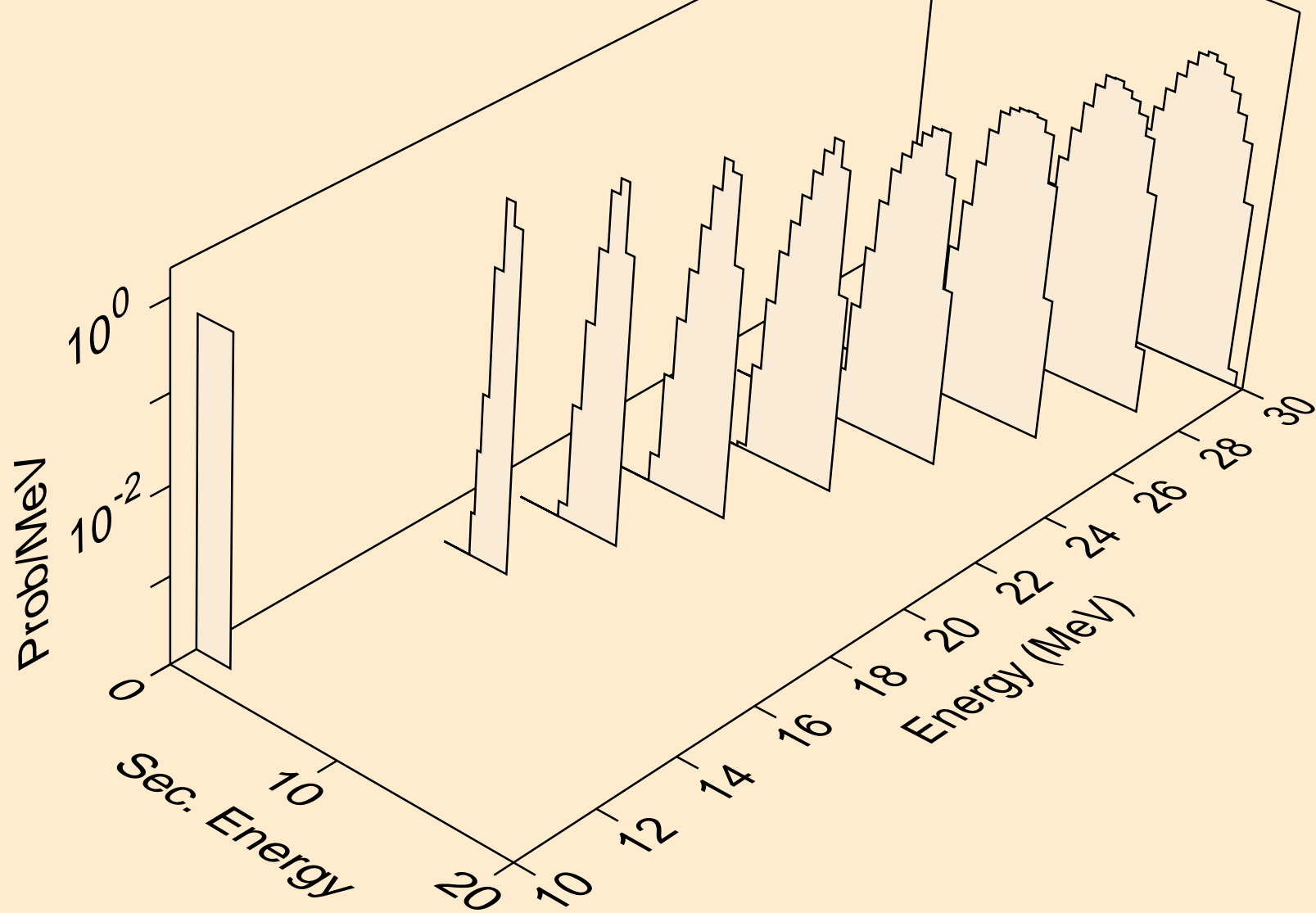
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



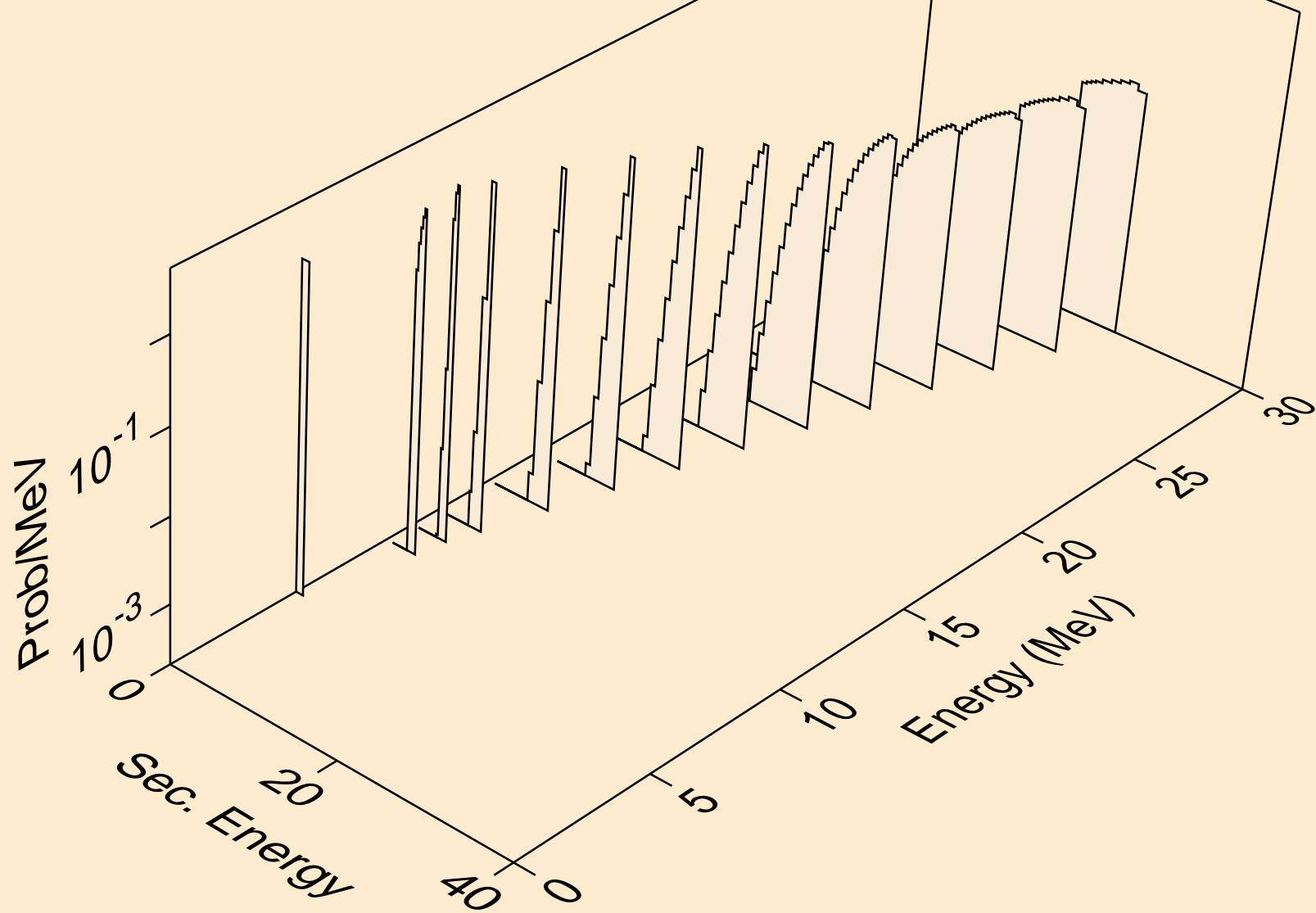
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deuterons from (p,x)



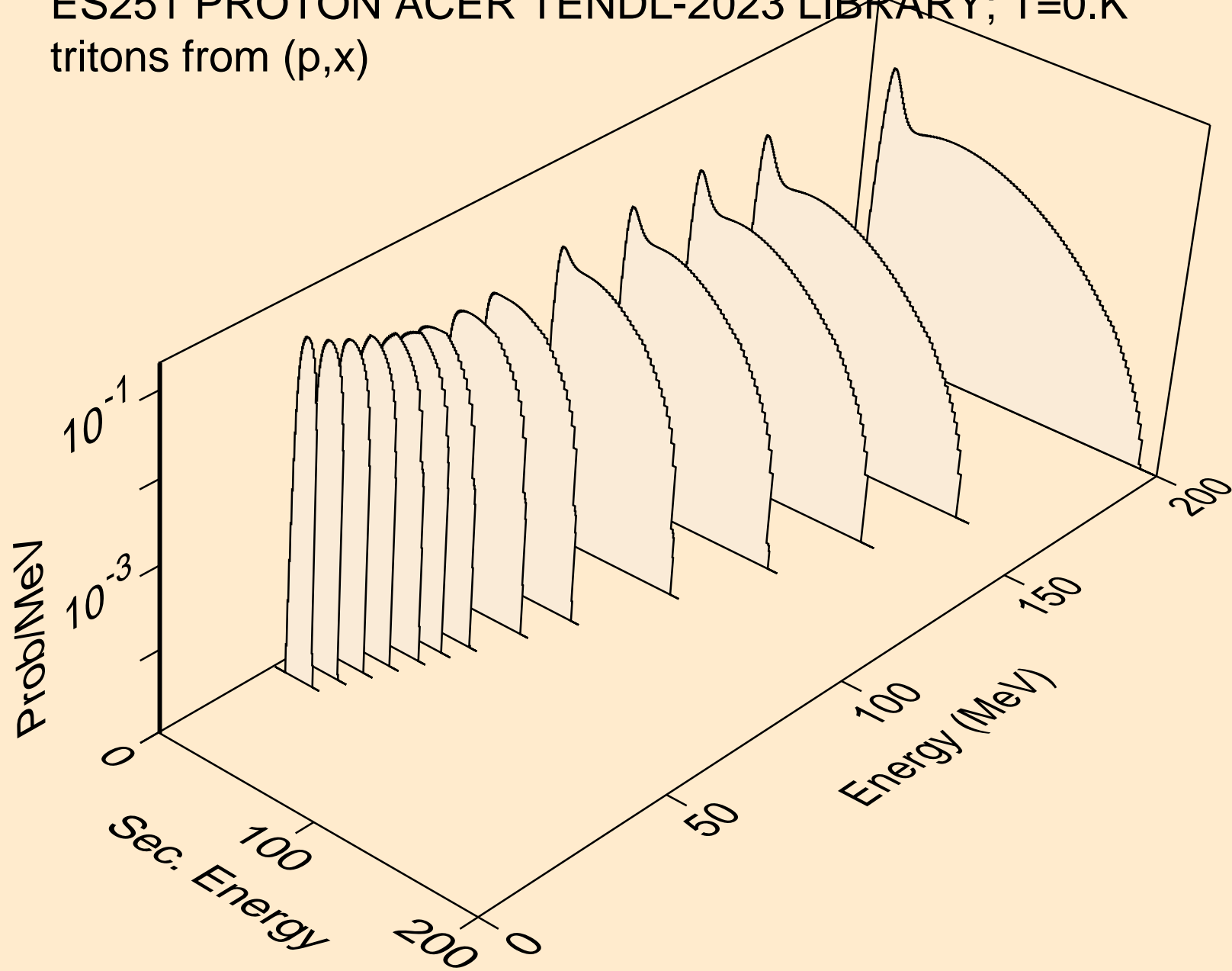
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



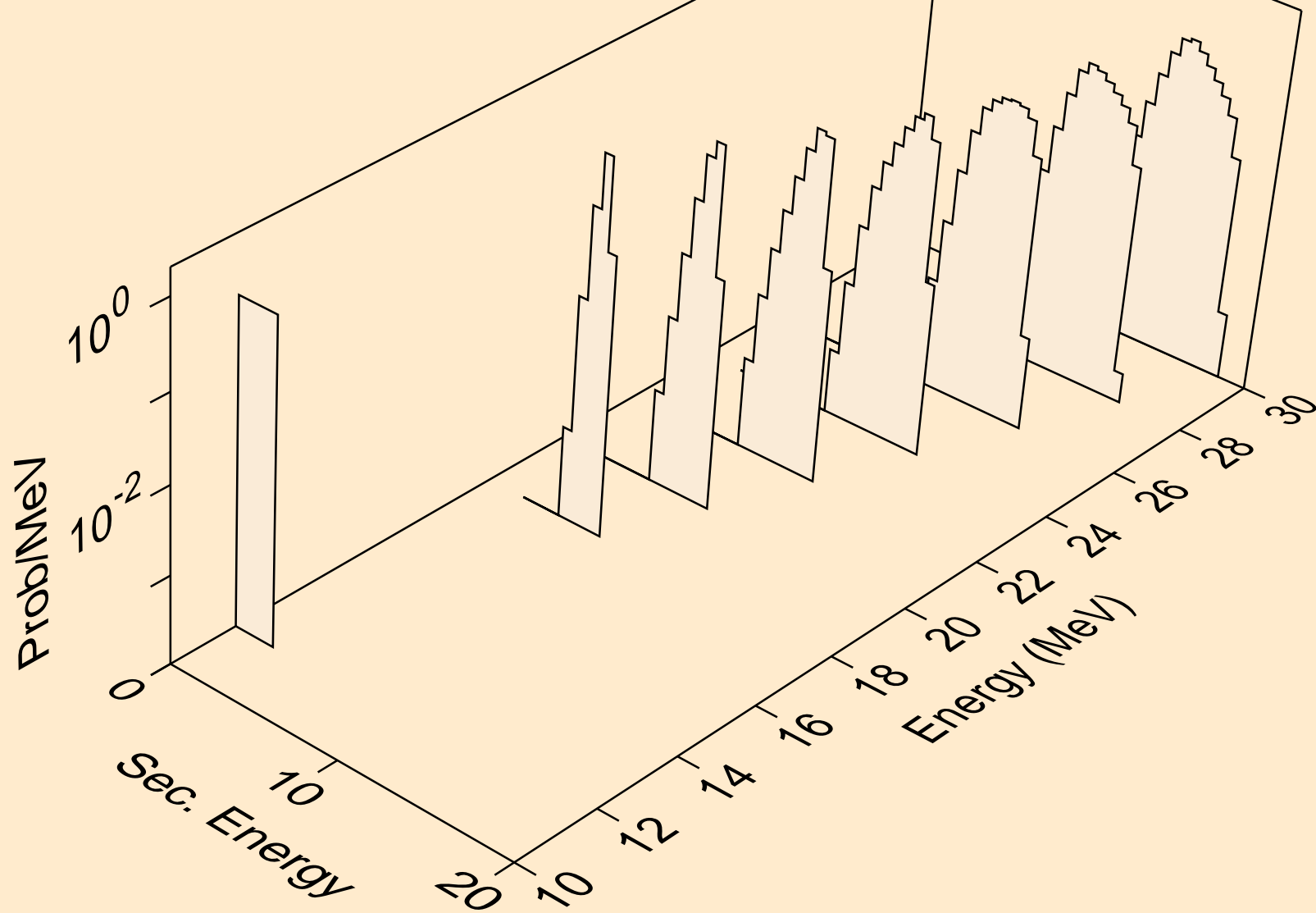
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



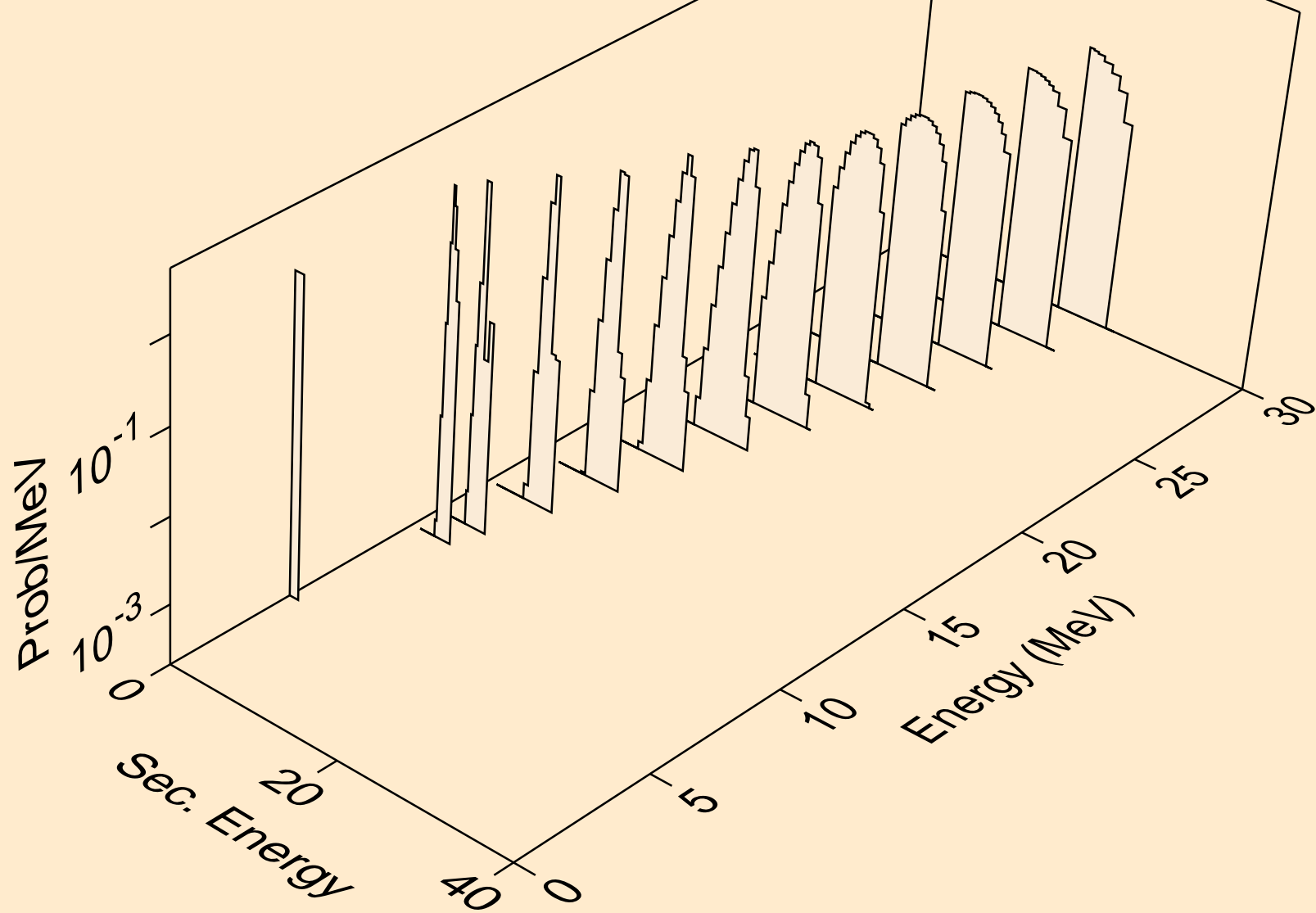


# ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K

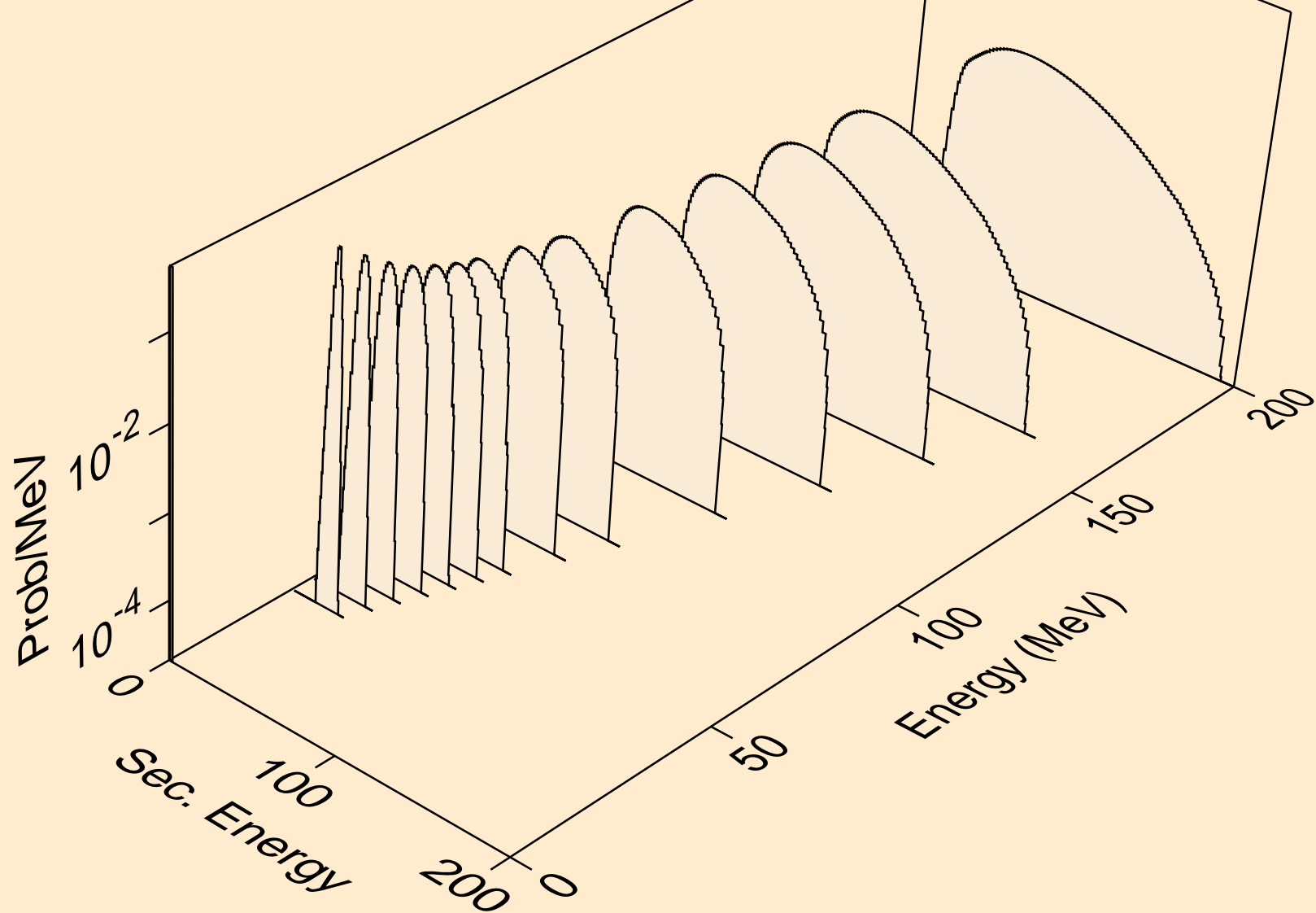
tritons from (p,n\*)t



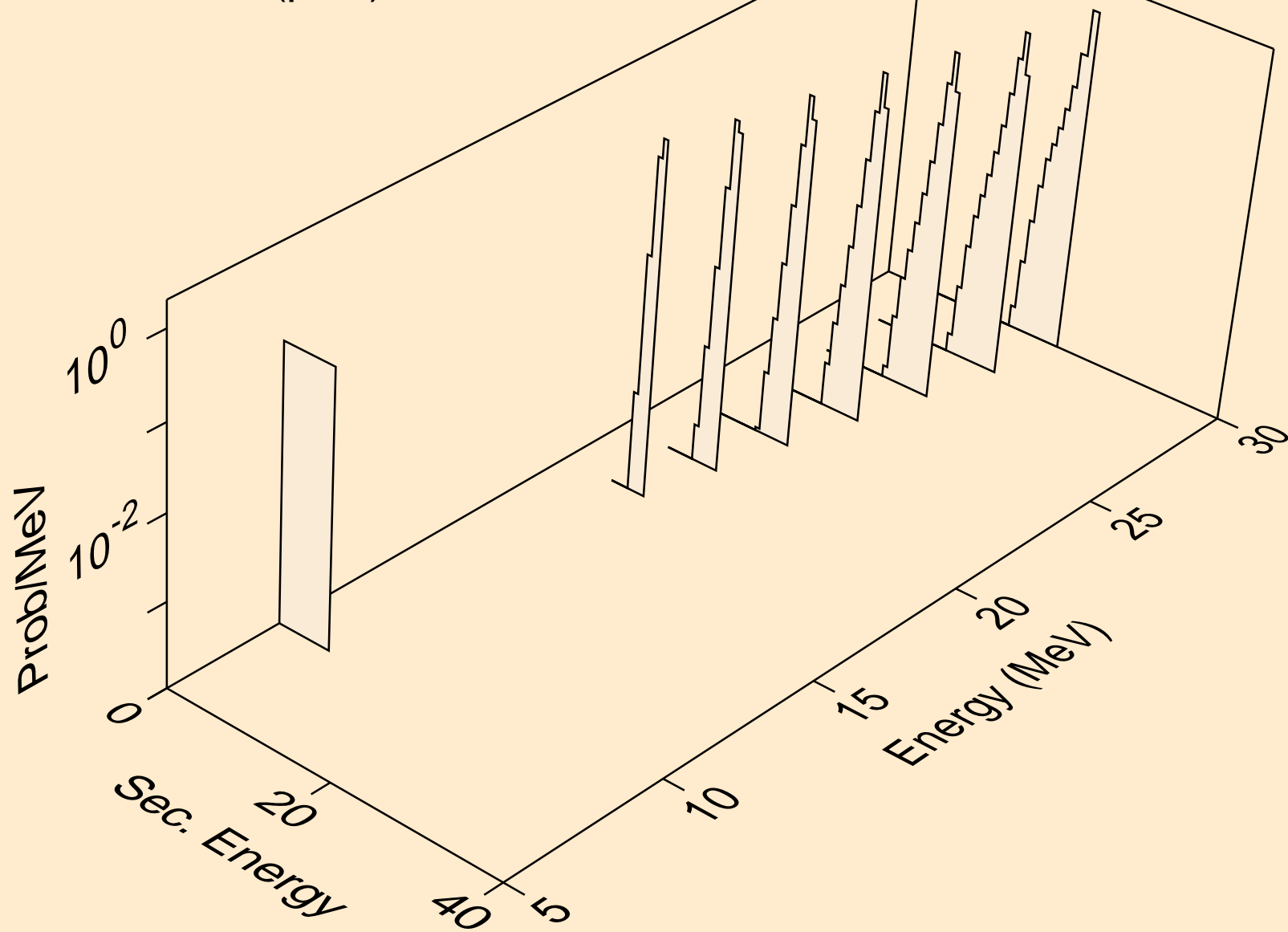
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



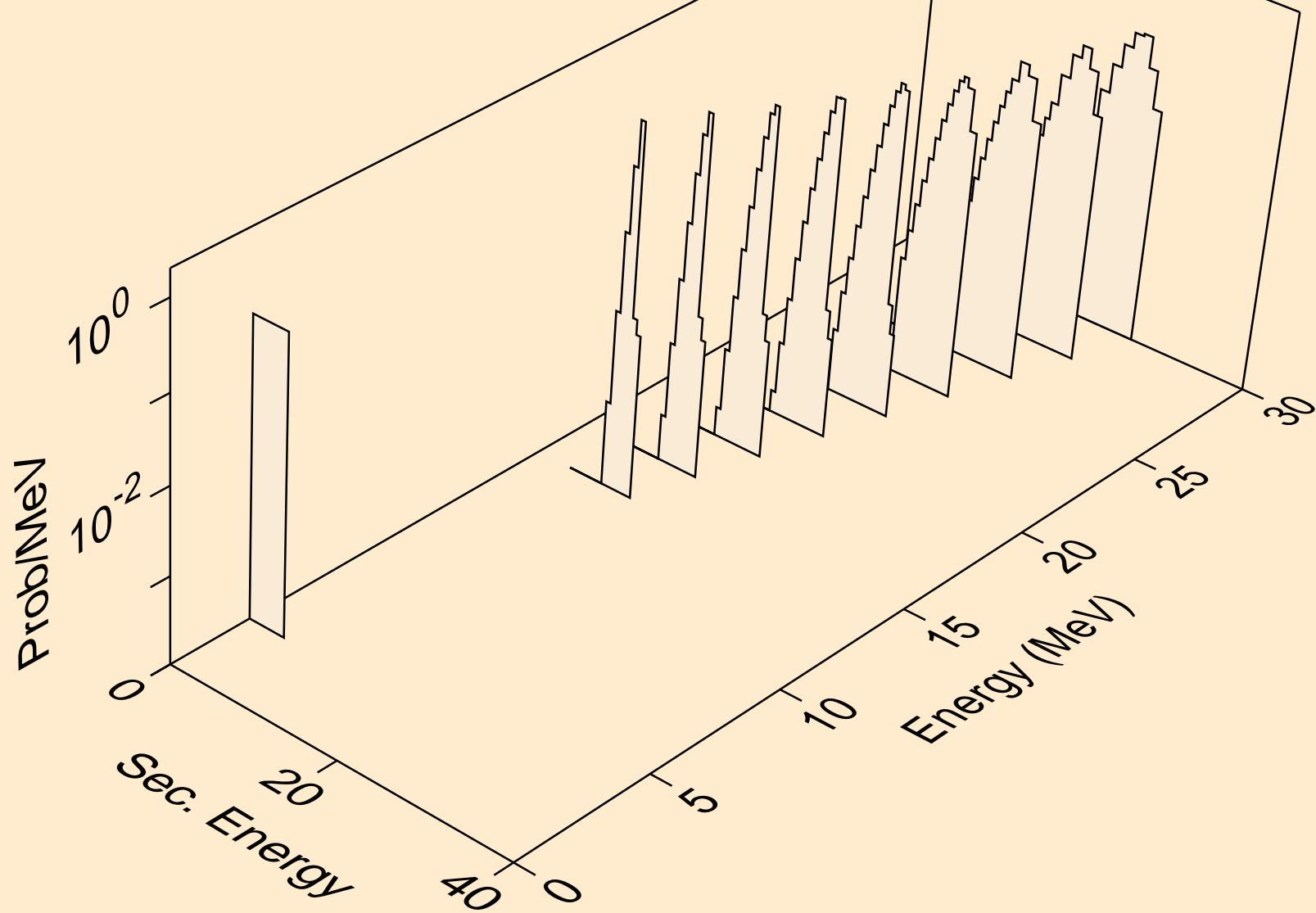
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



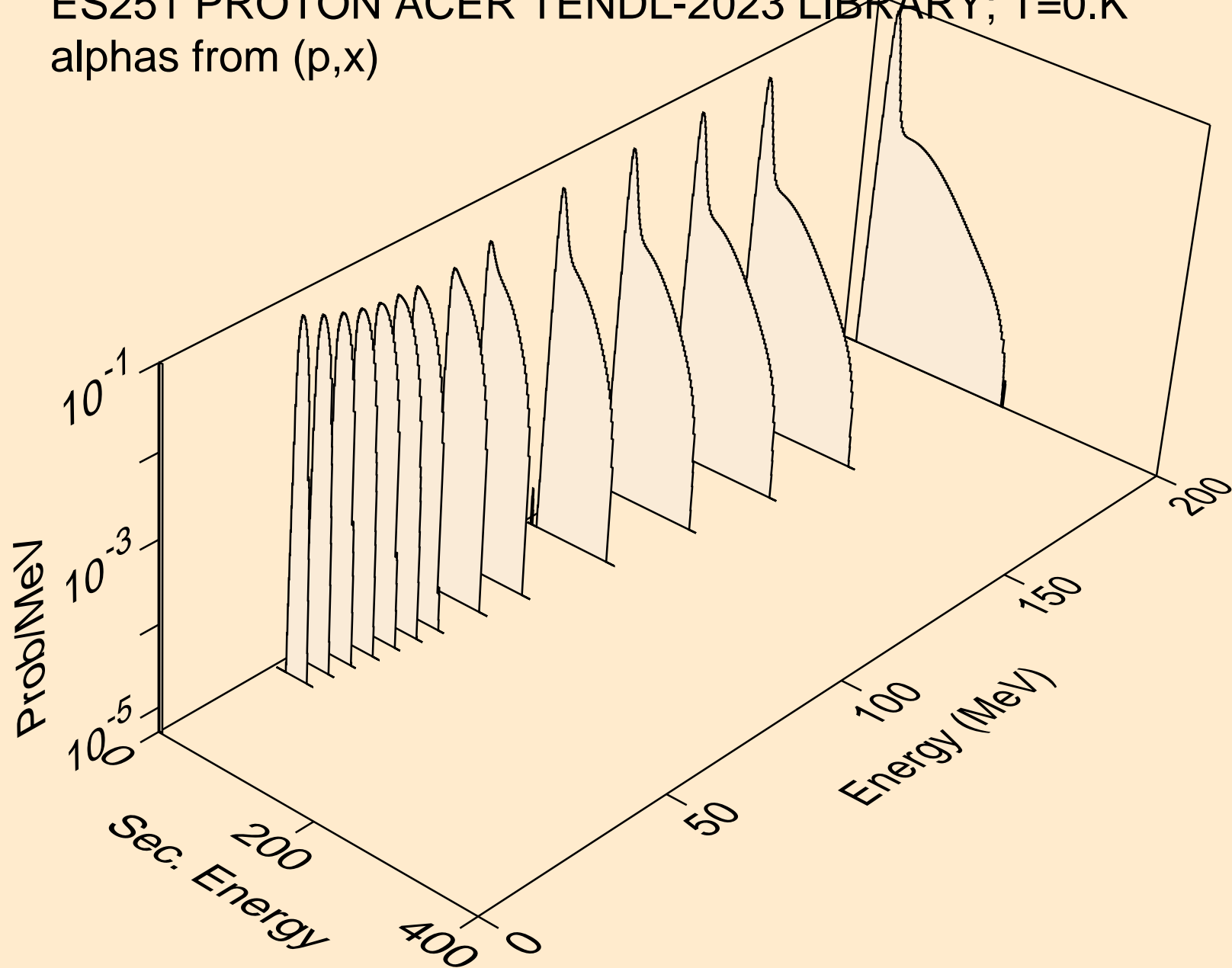
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



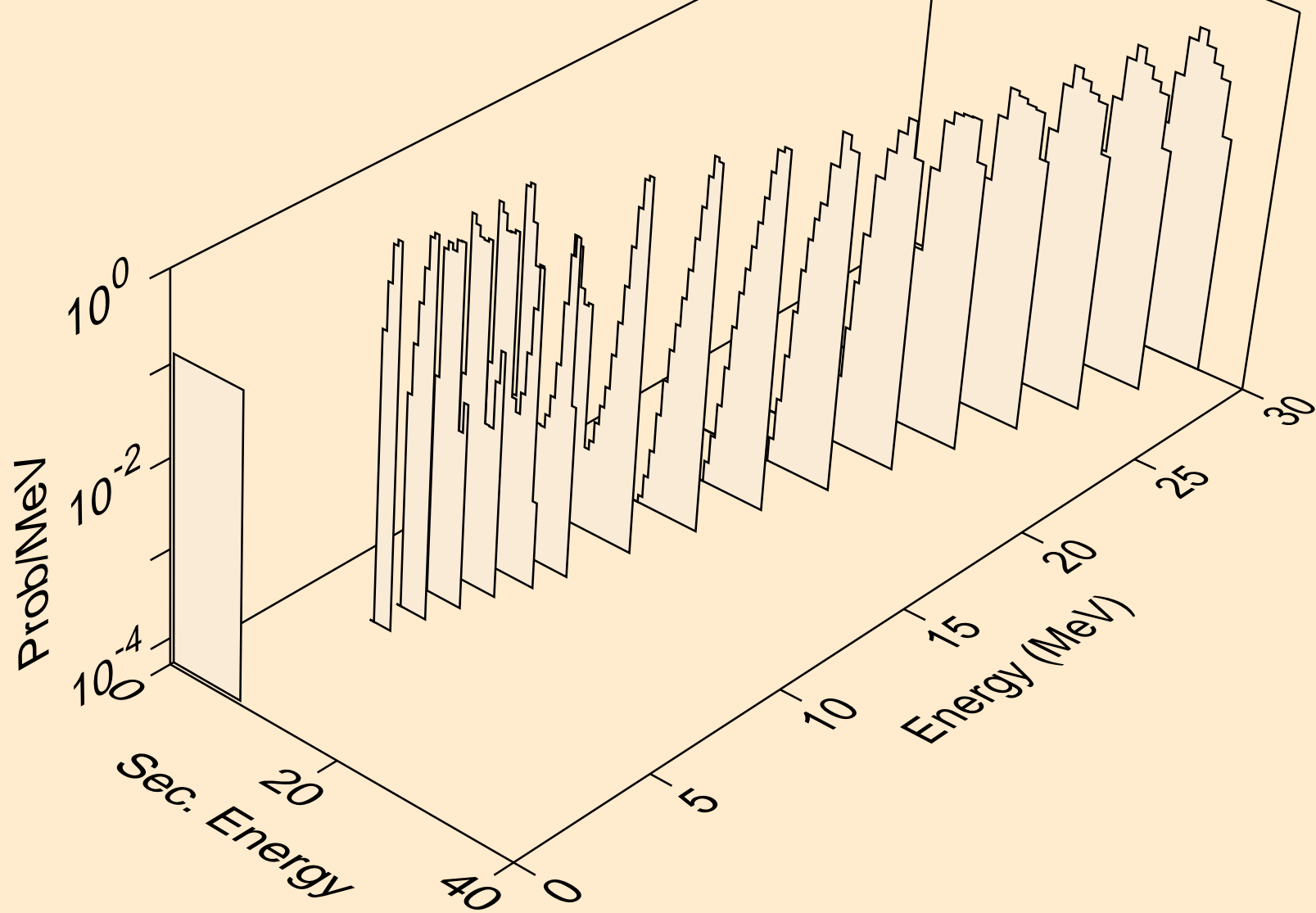
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



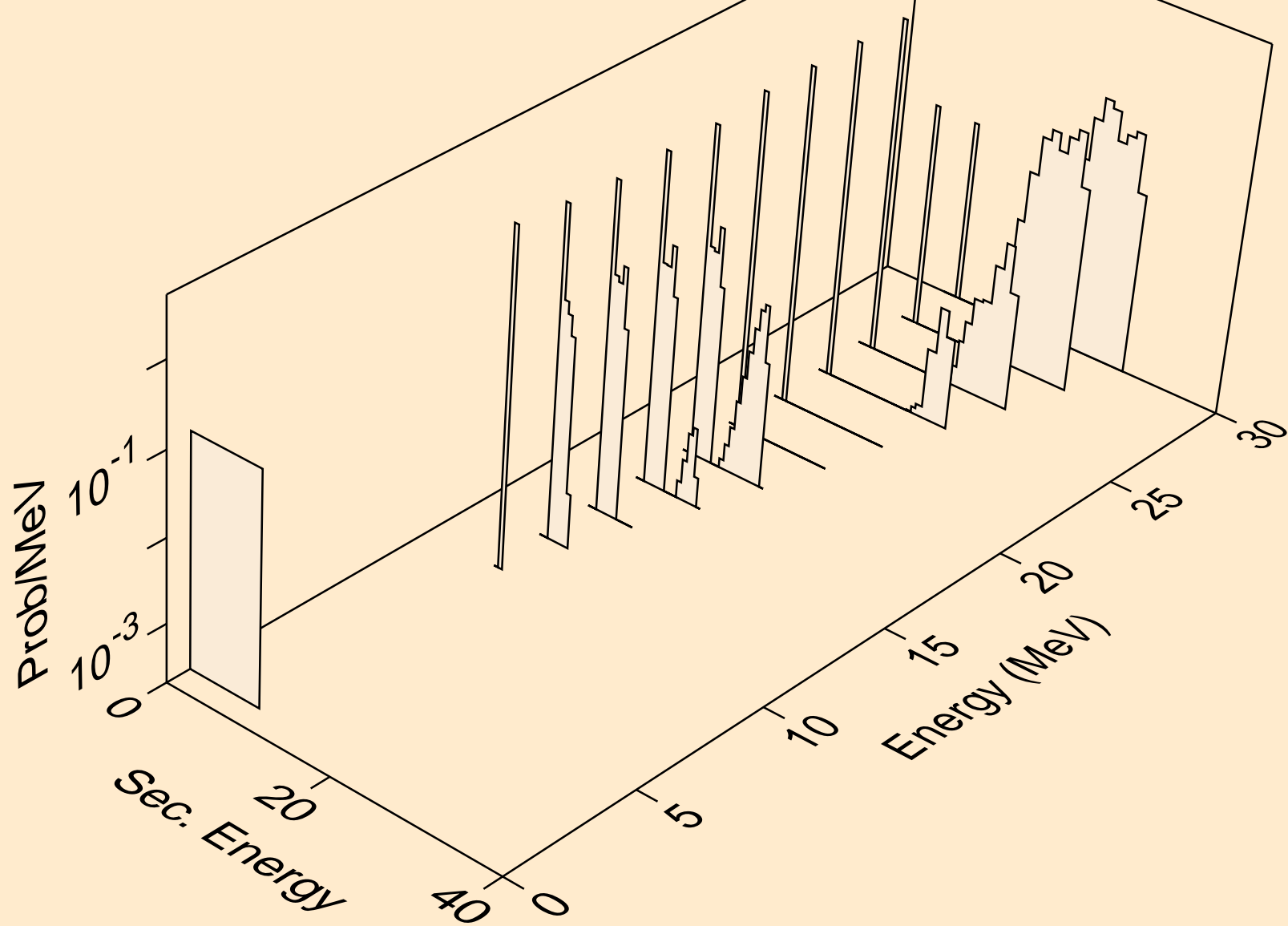
ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a





ES251 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

