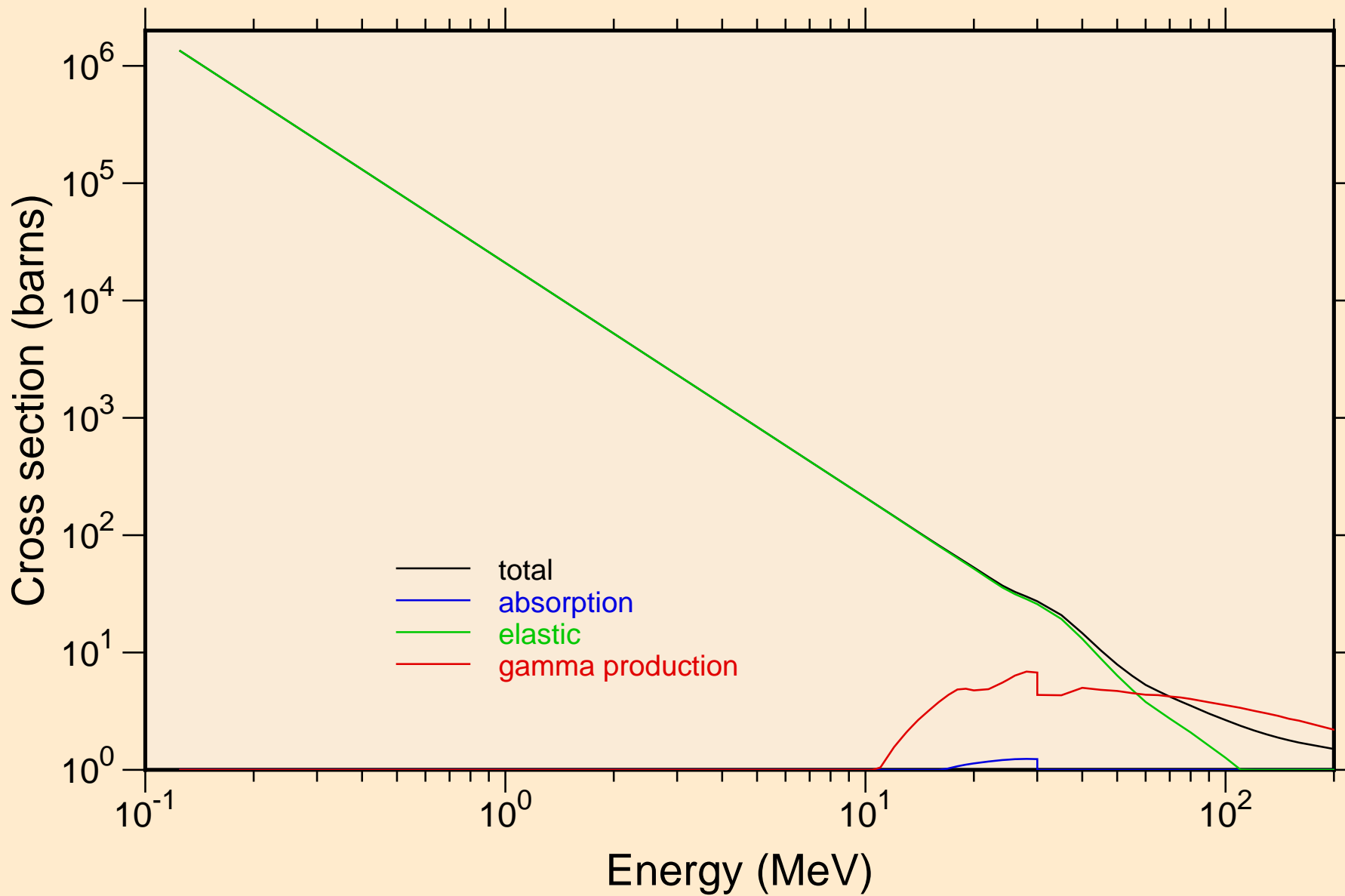


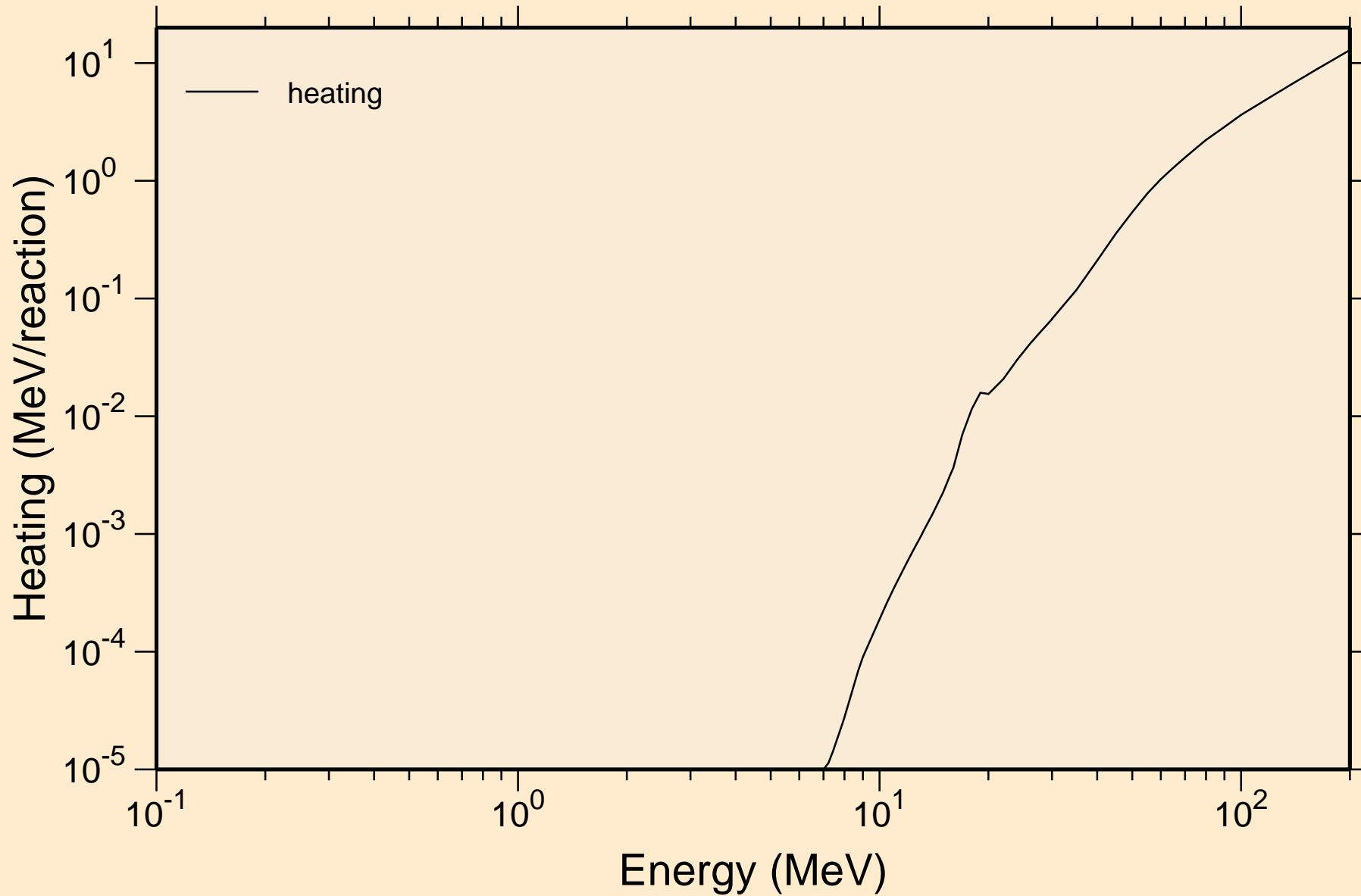
# CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



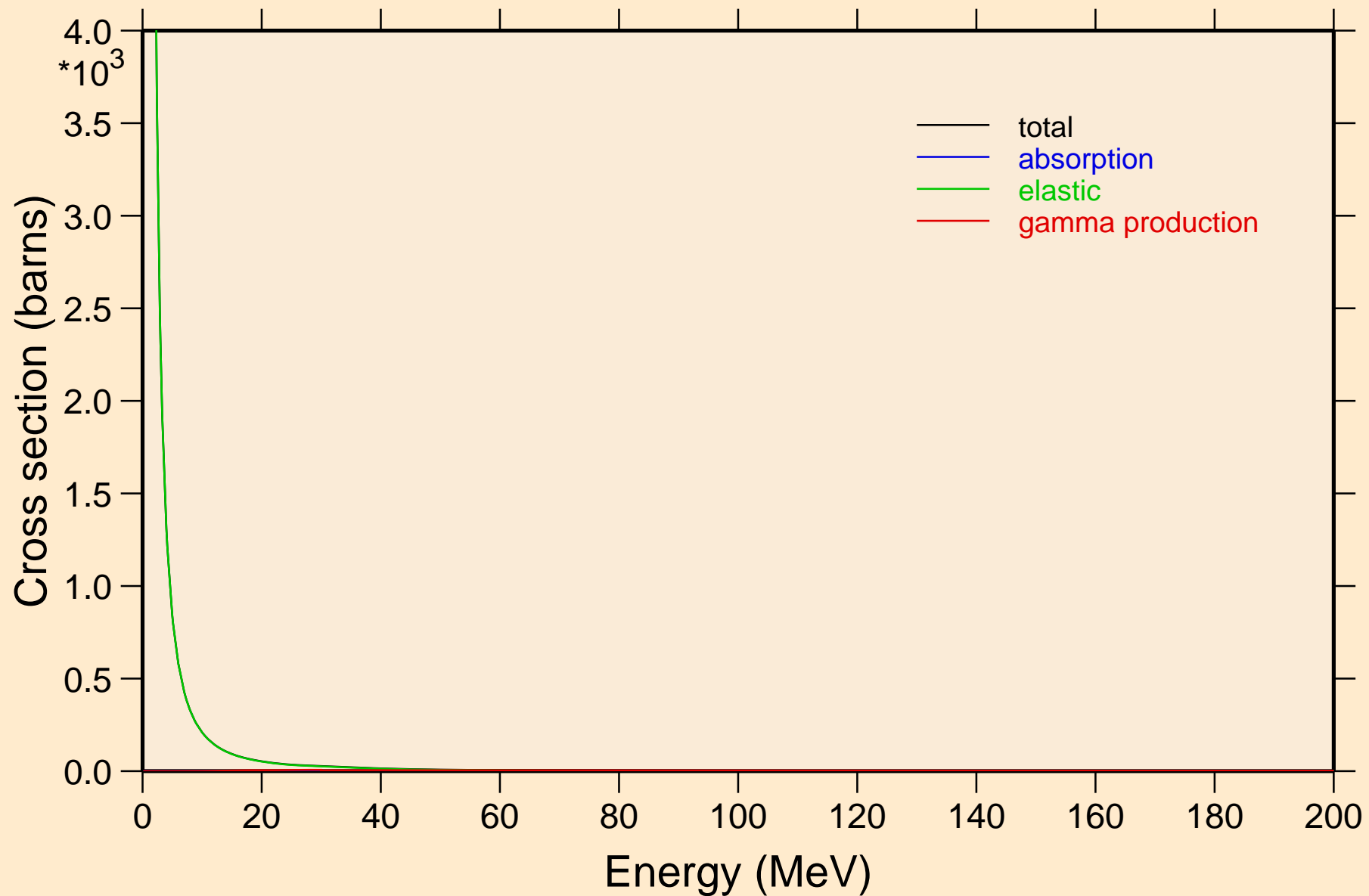
# CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



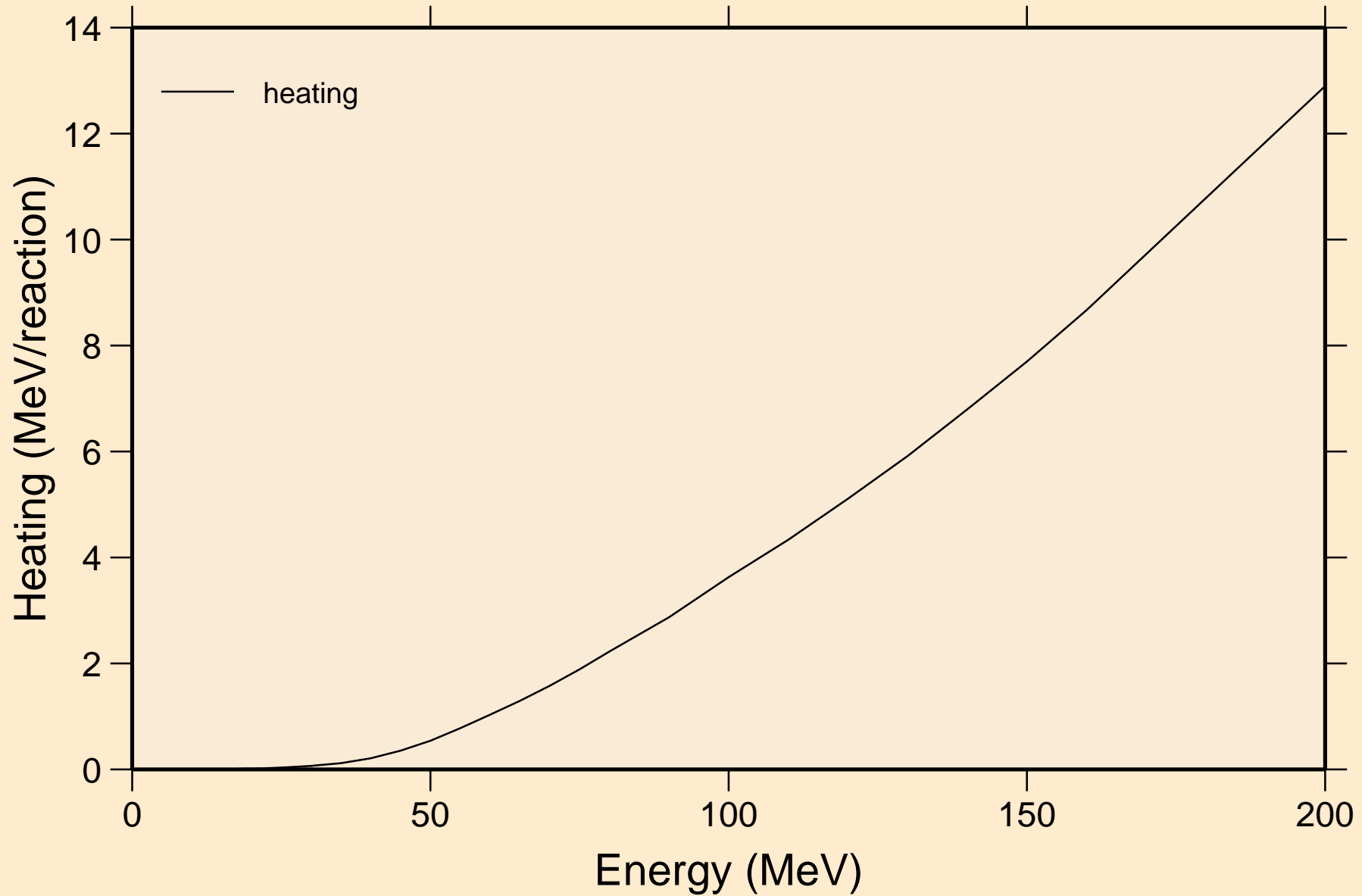
# CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



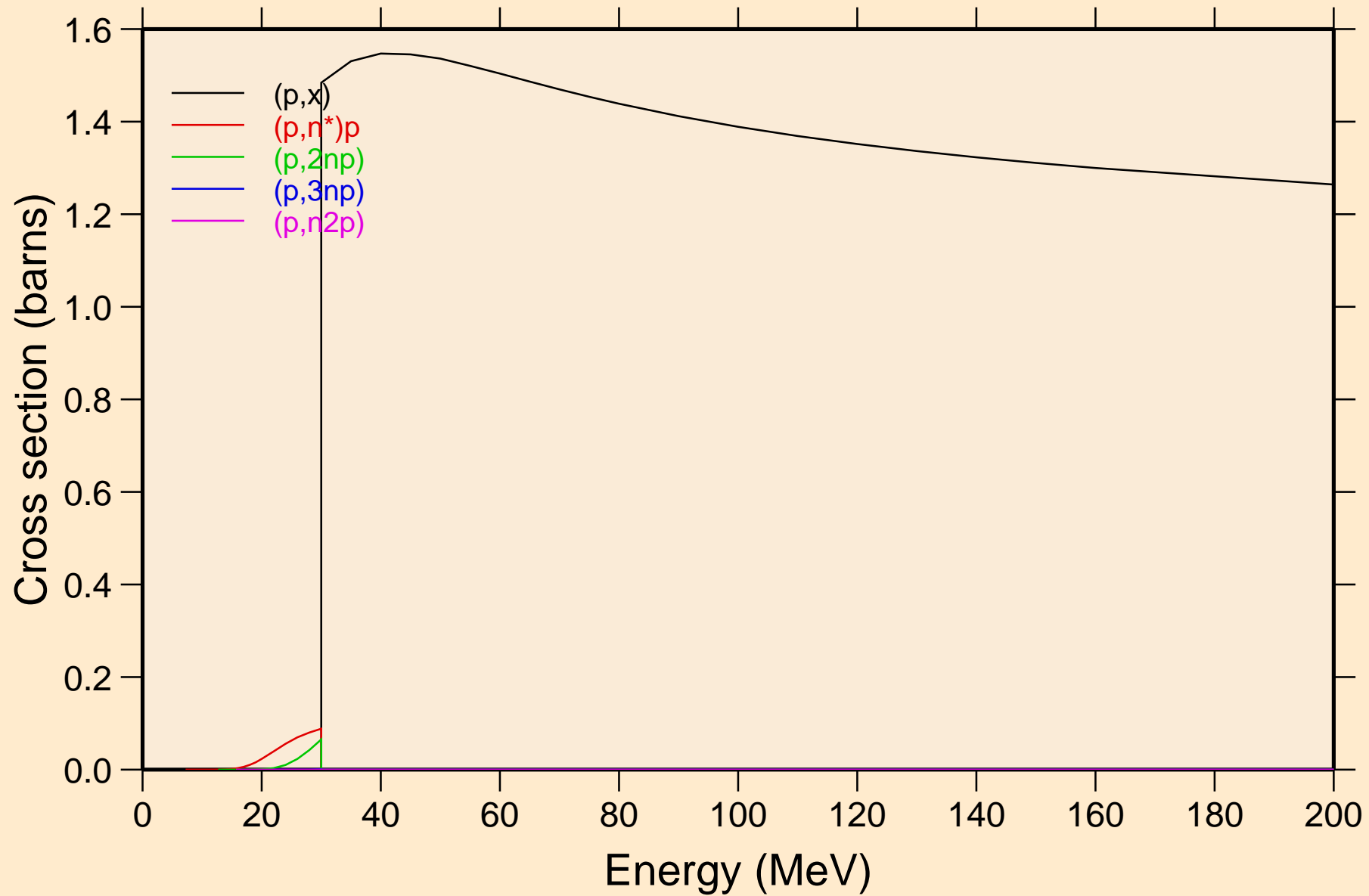
# CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



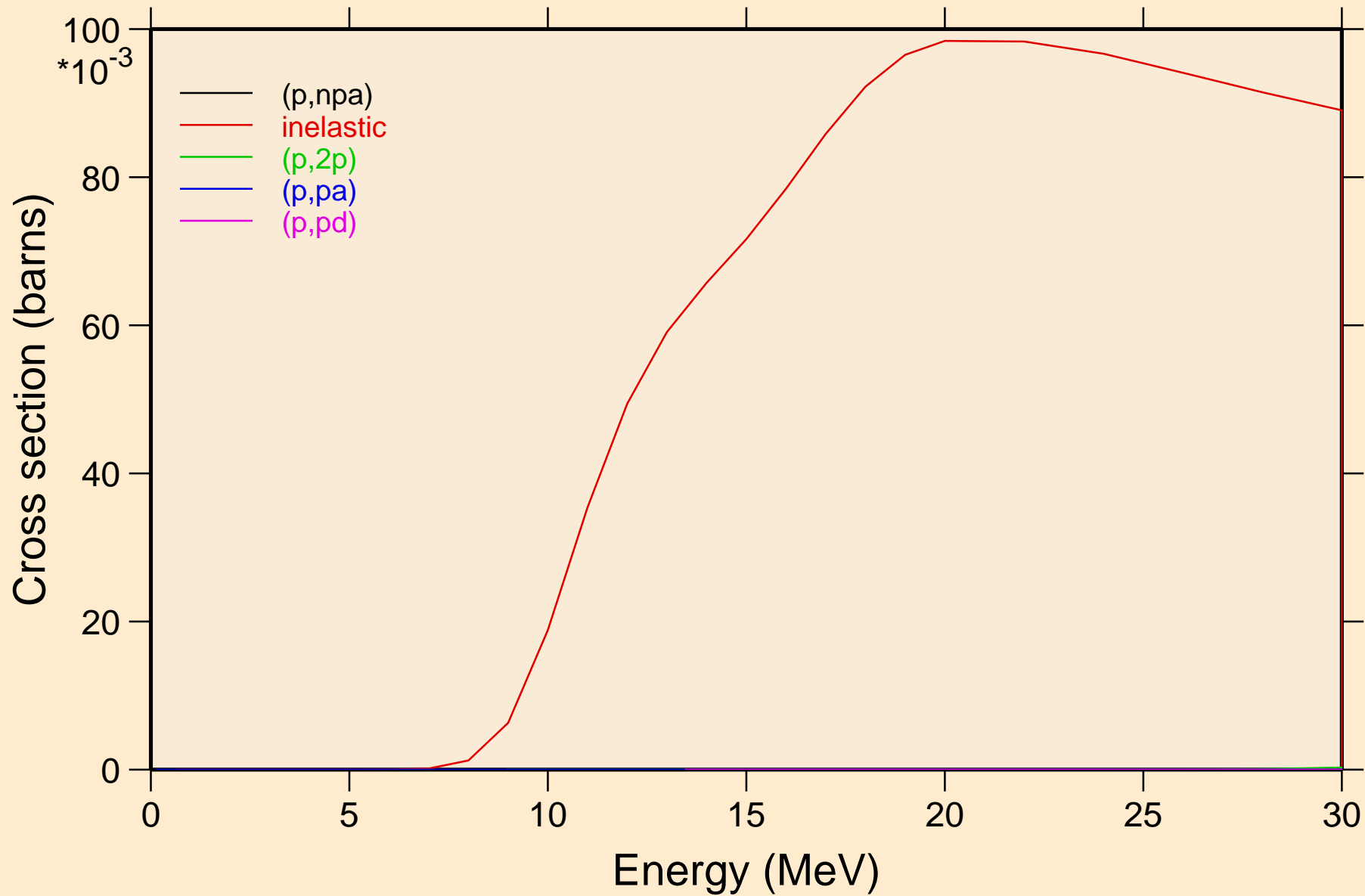
# CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



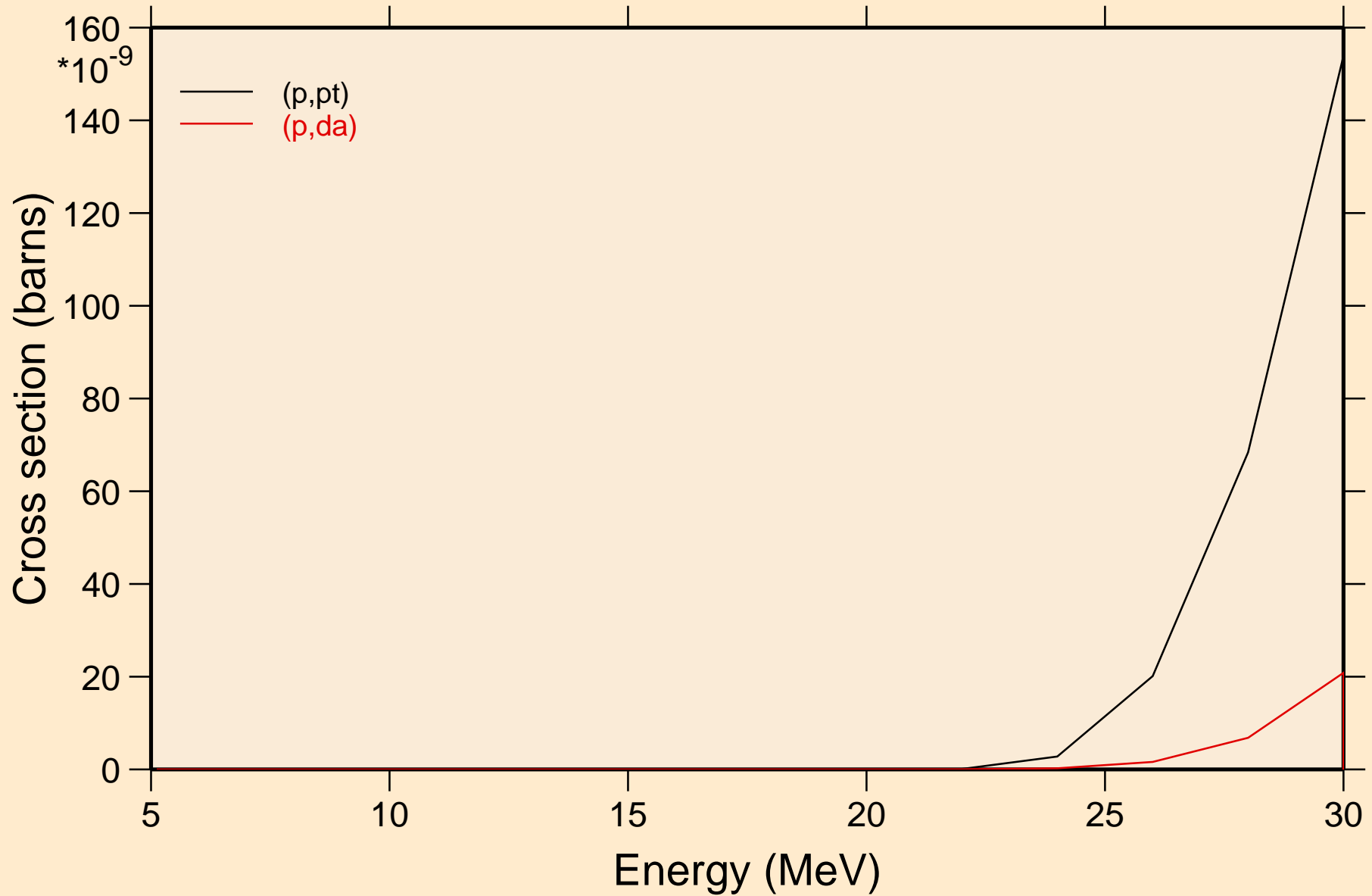
# CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

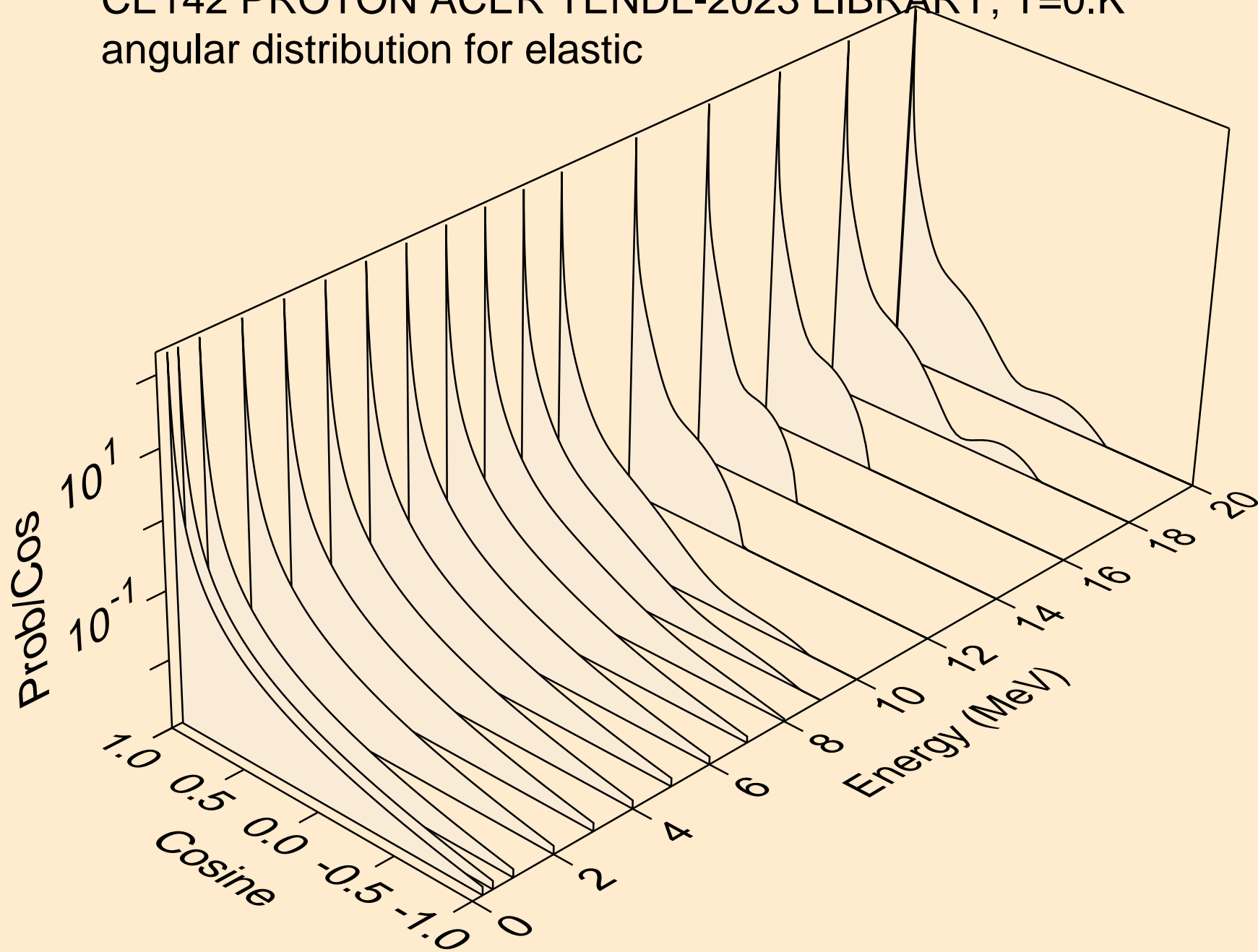


# CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

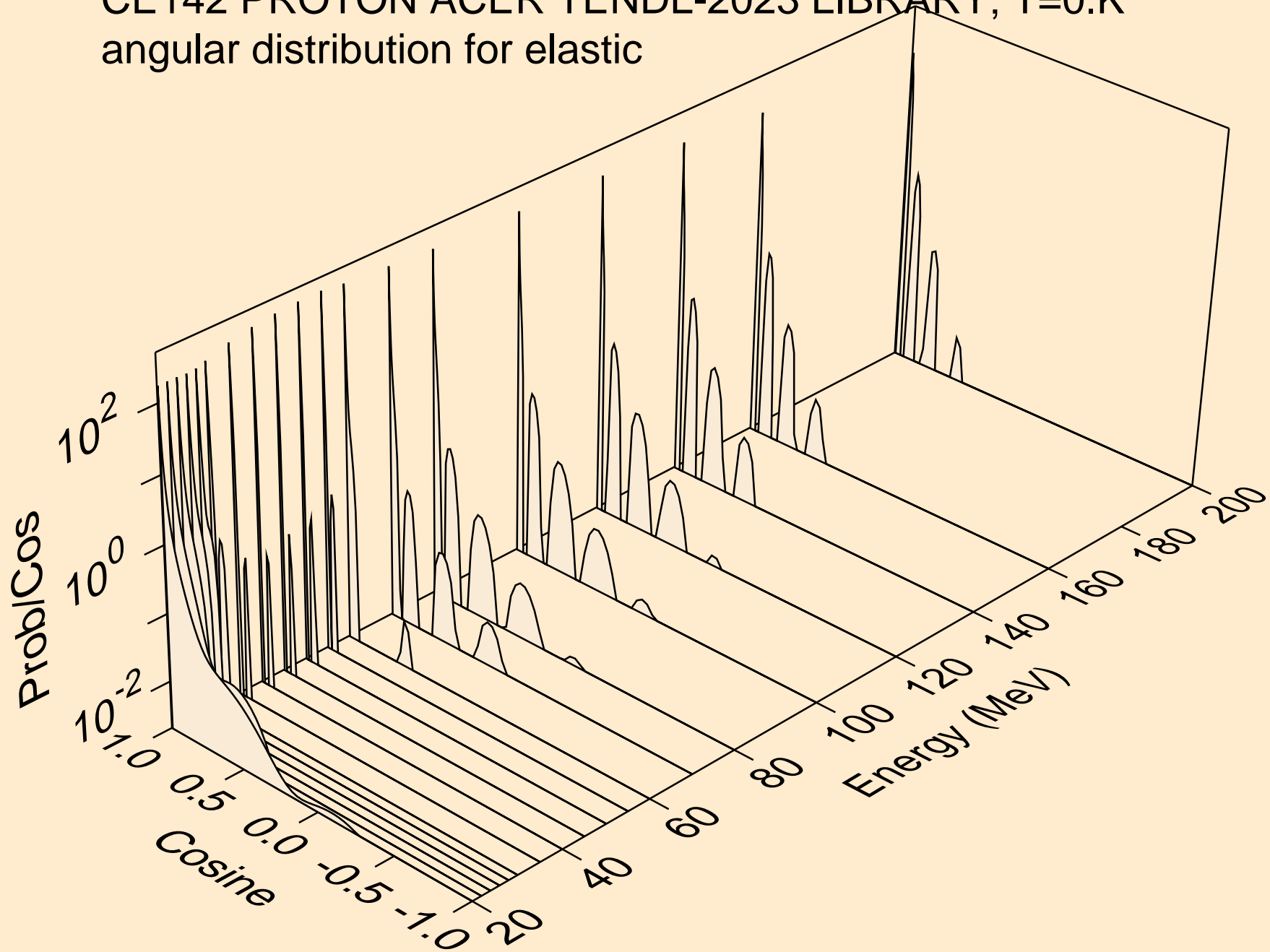


CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

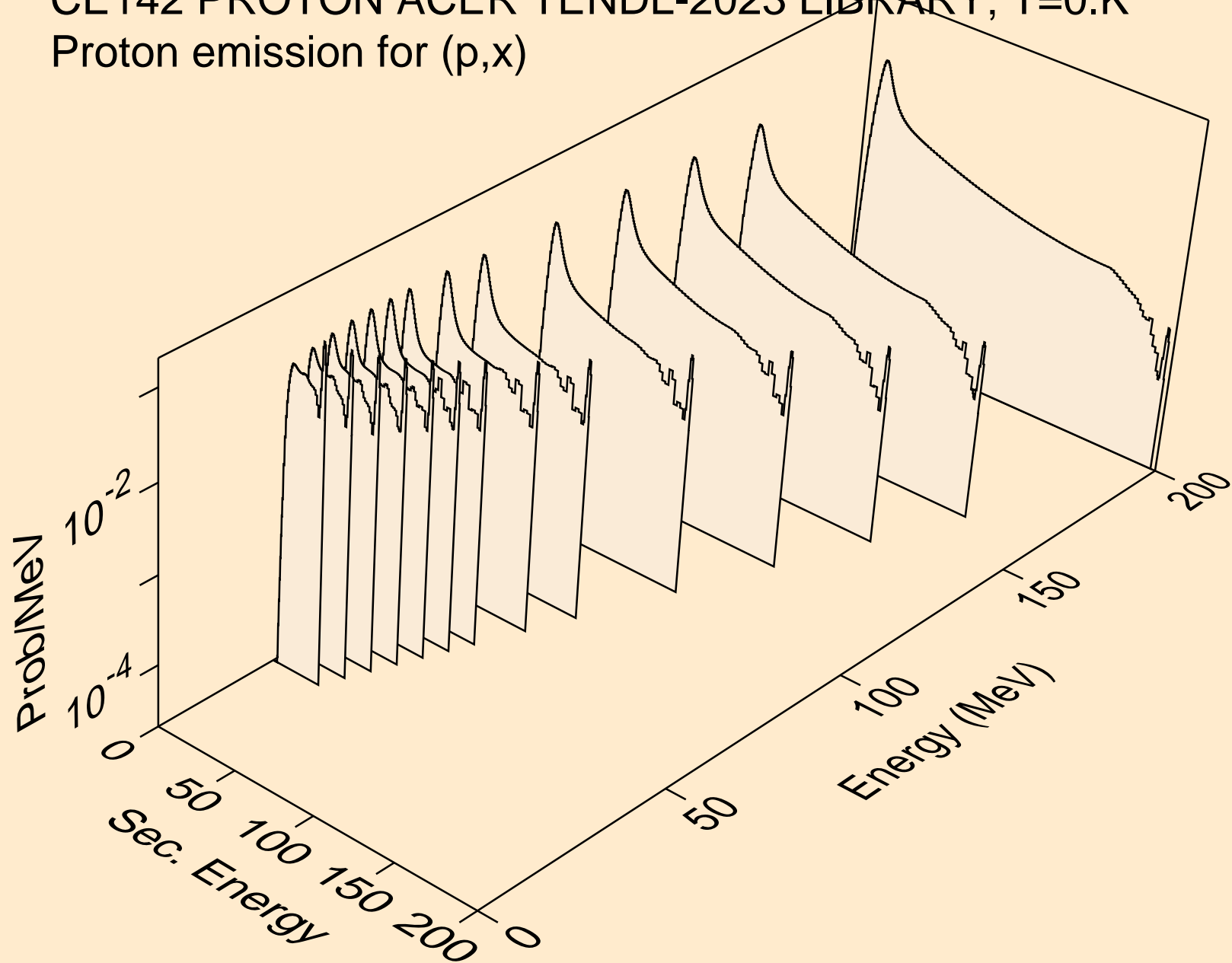




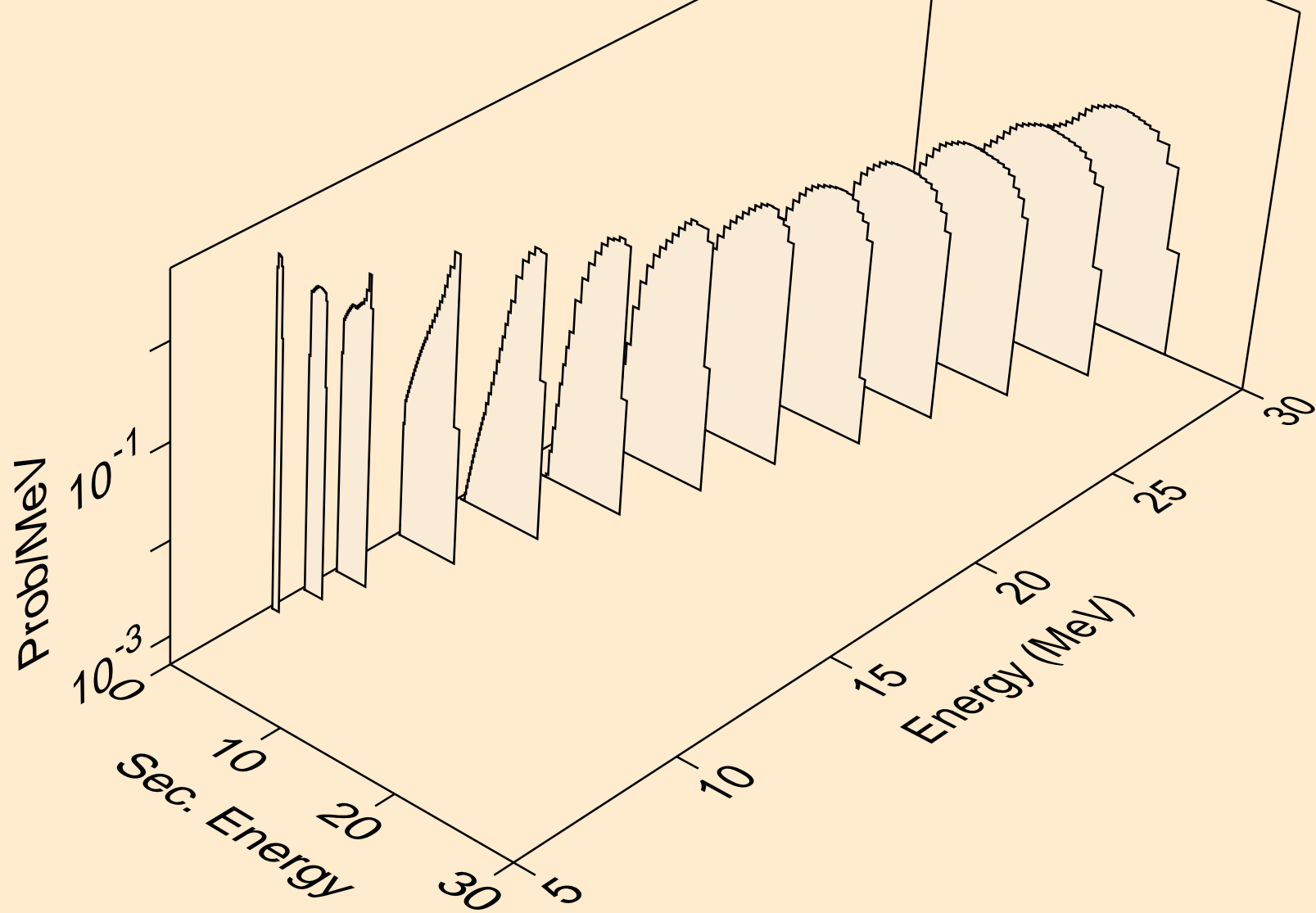
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



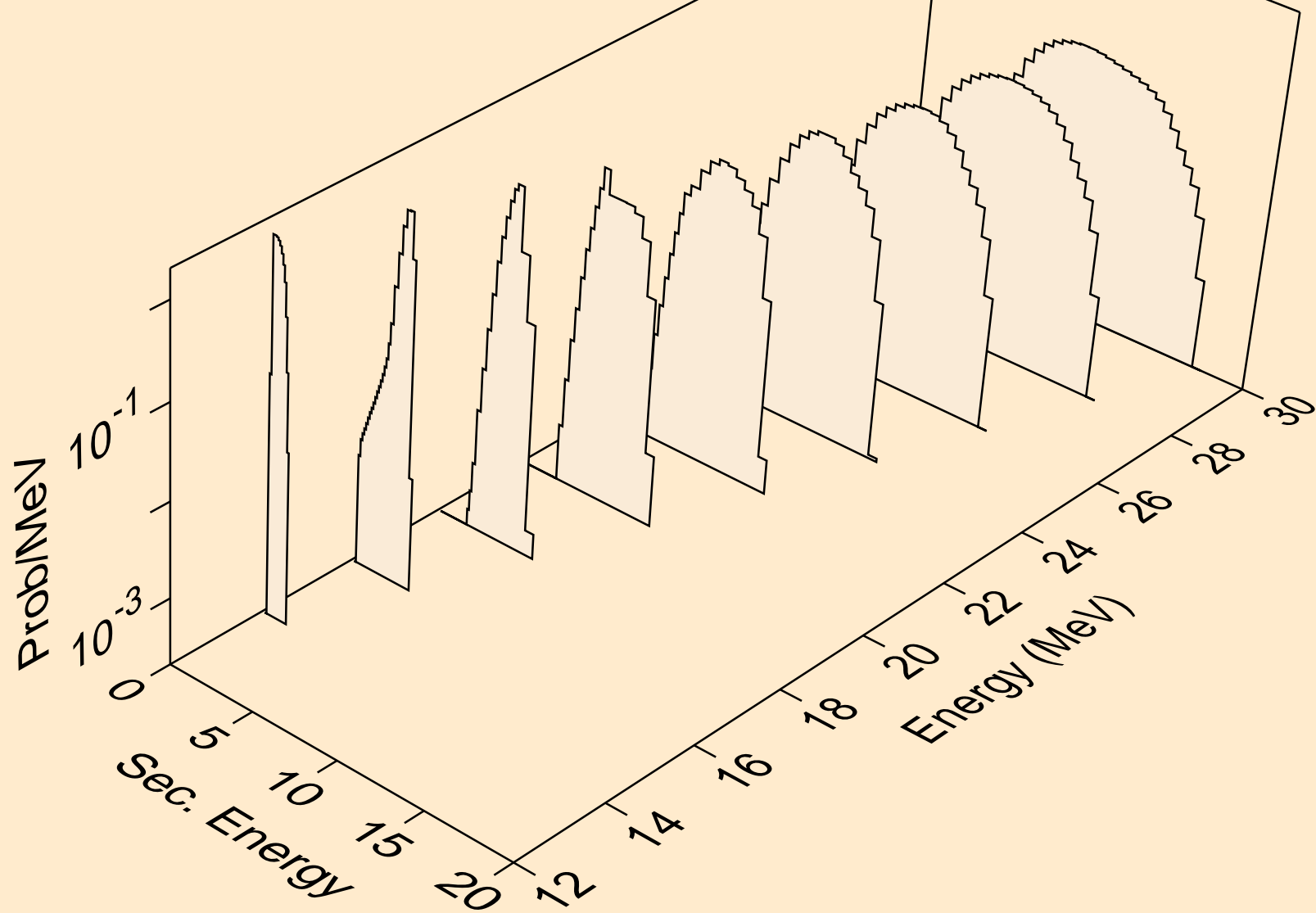
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



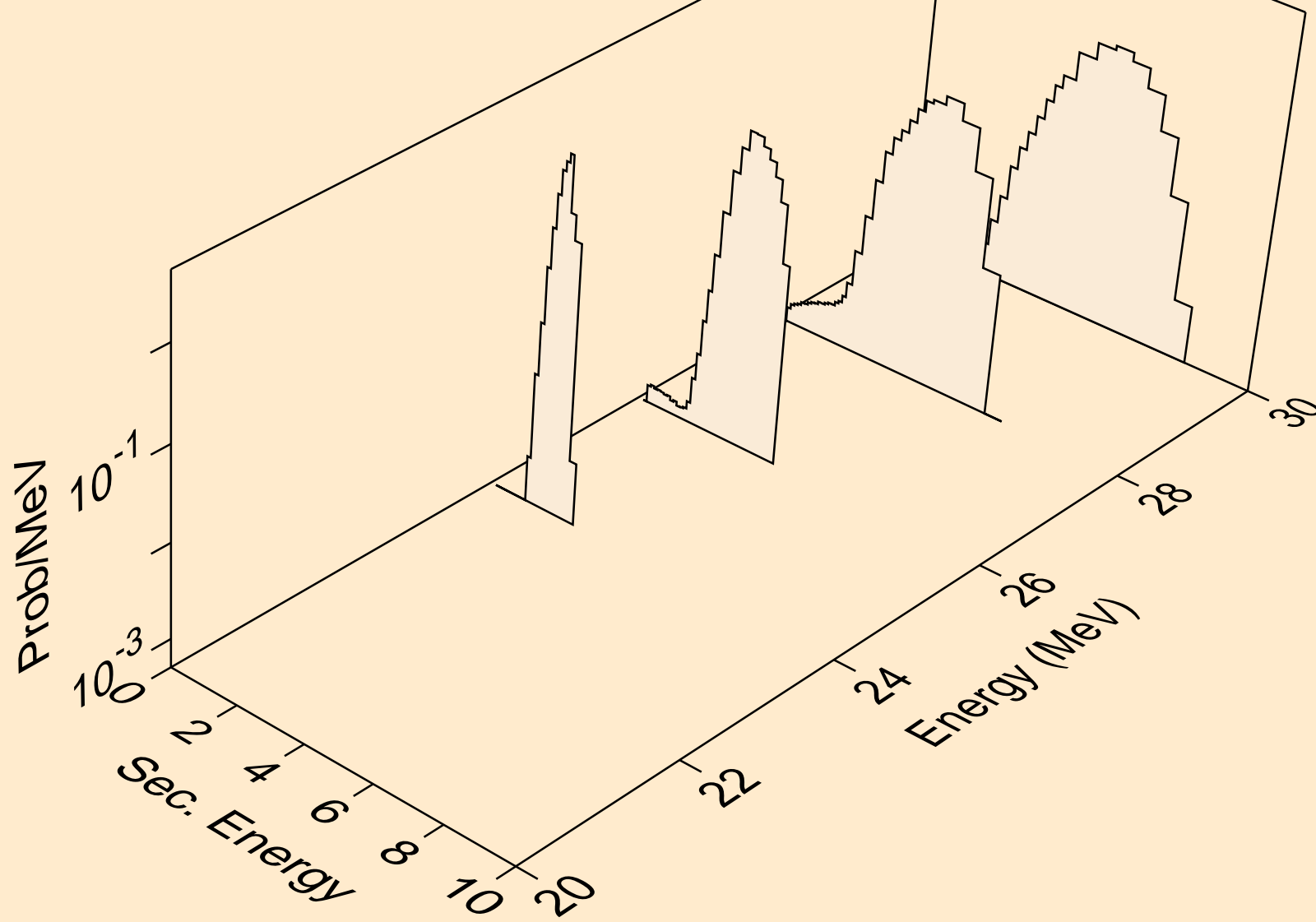
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



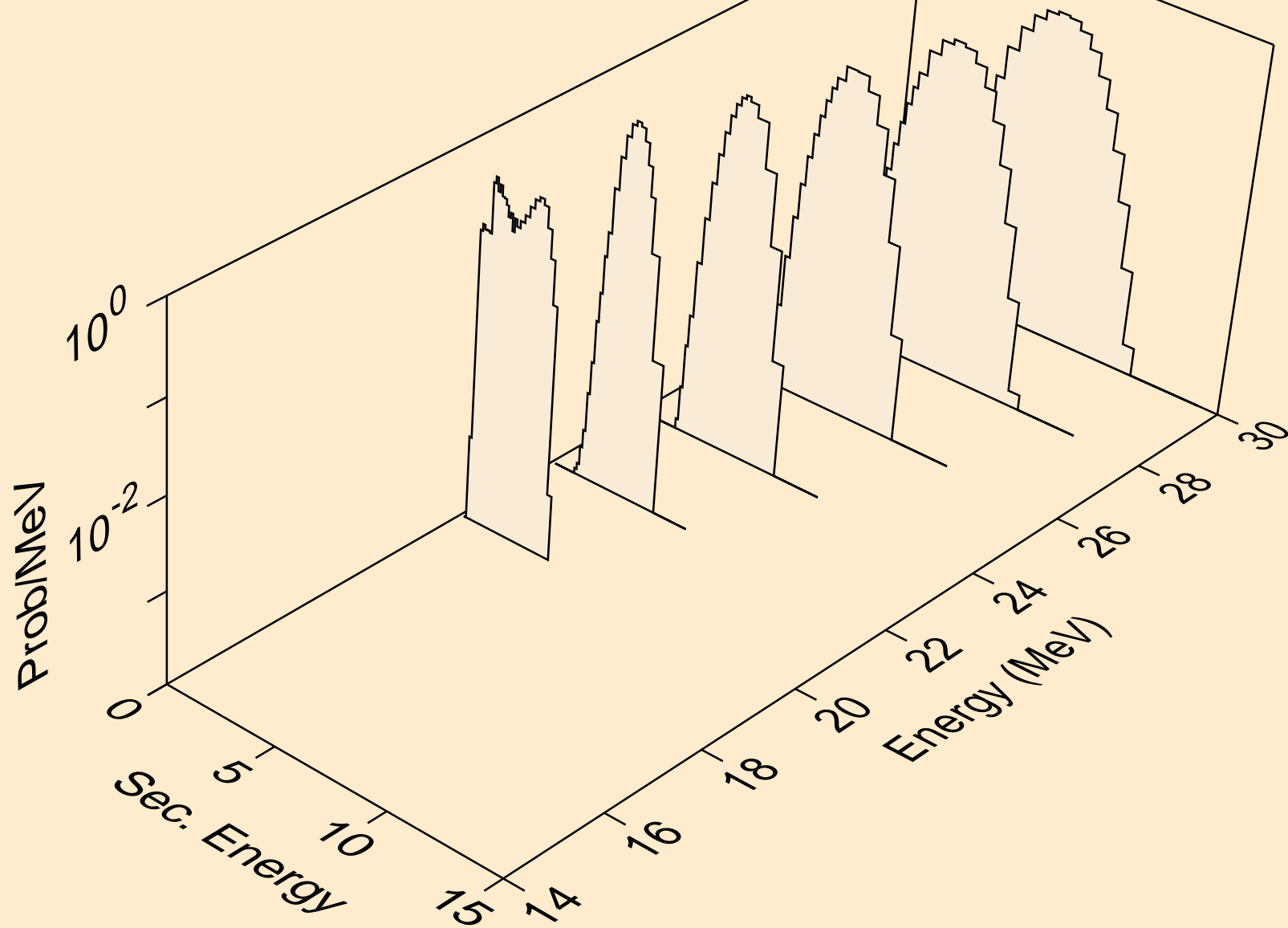
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



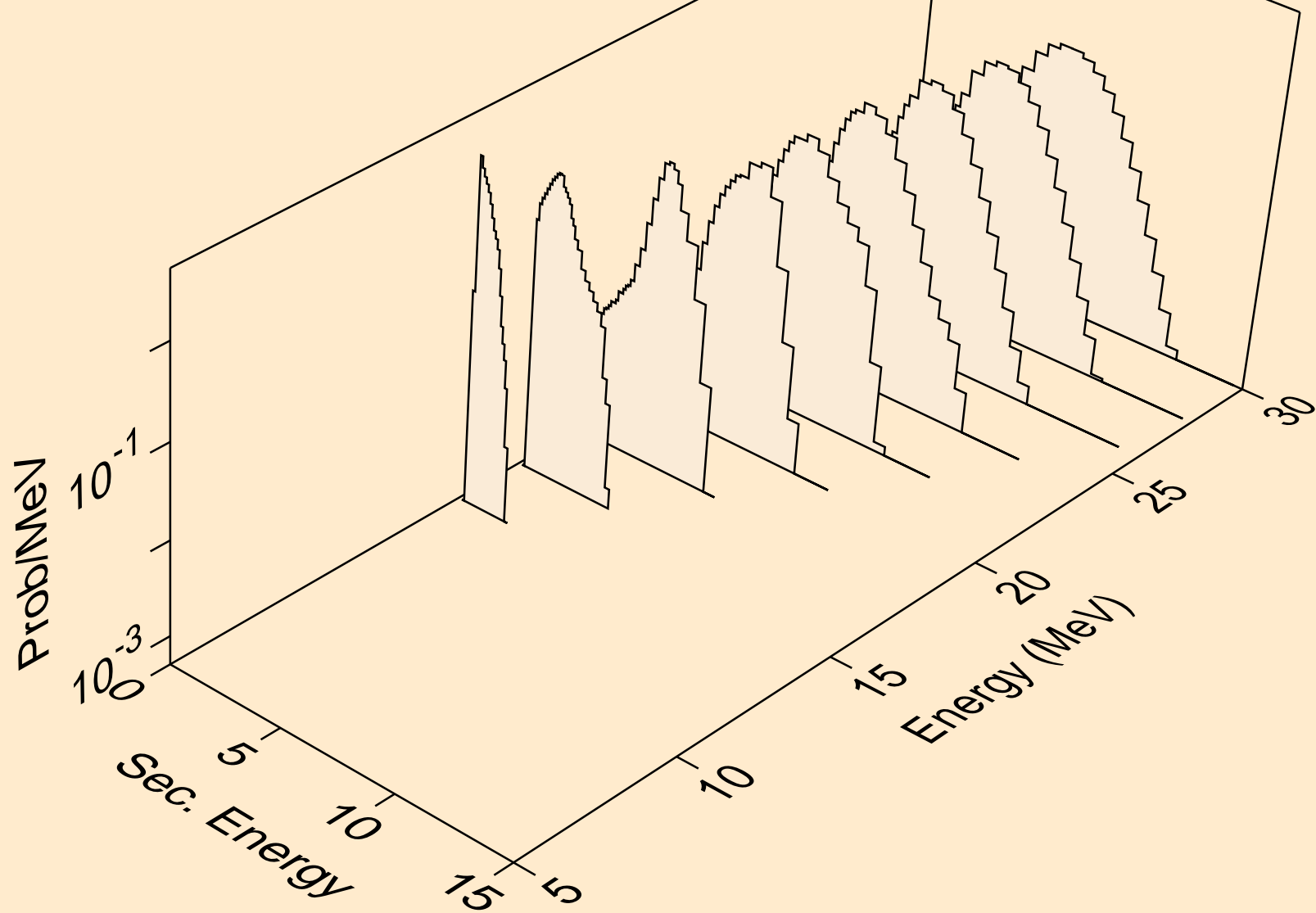
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



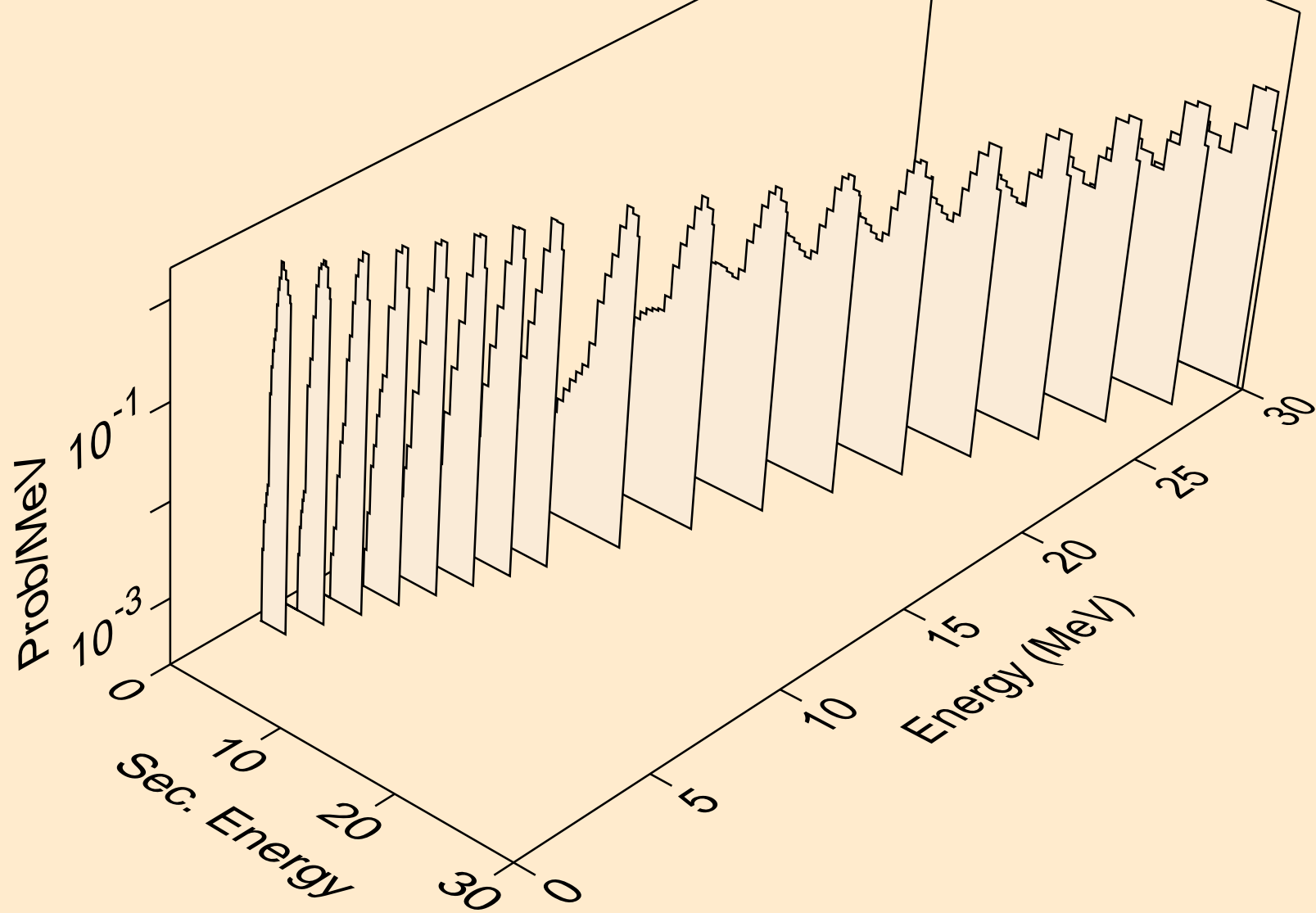
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

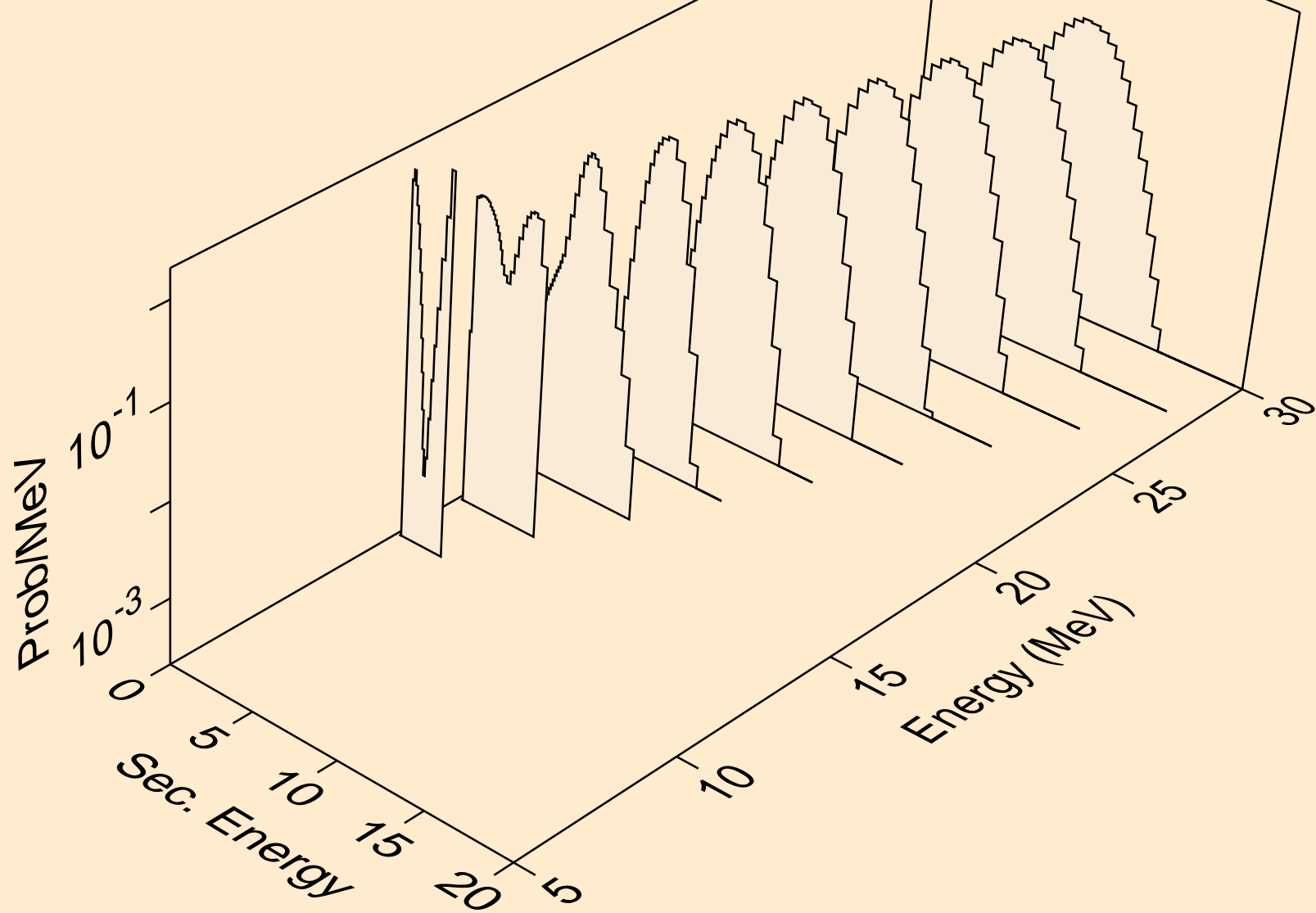


CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

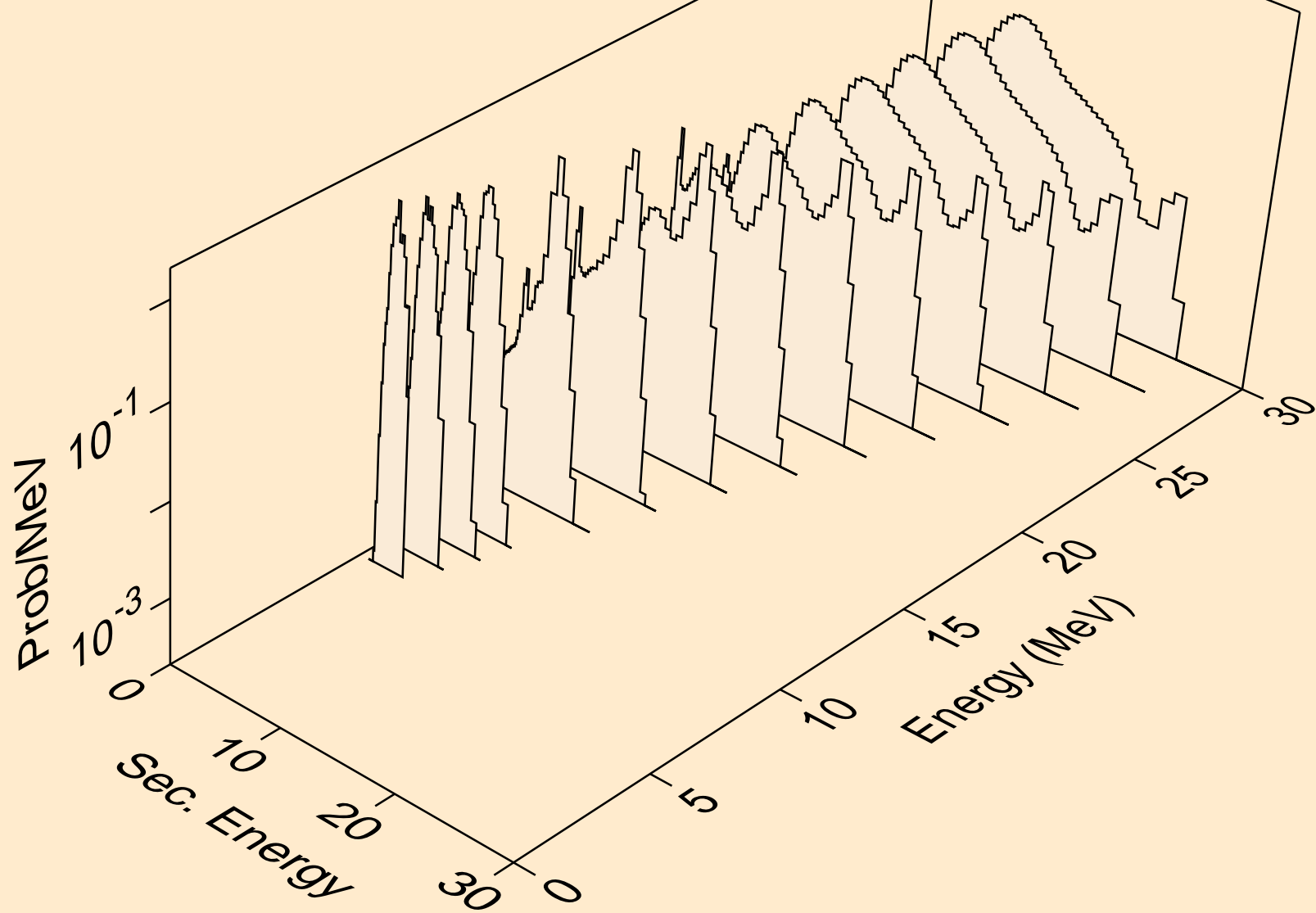




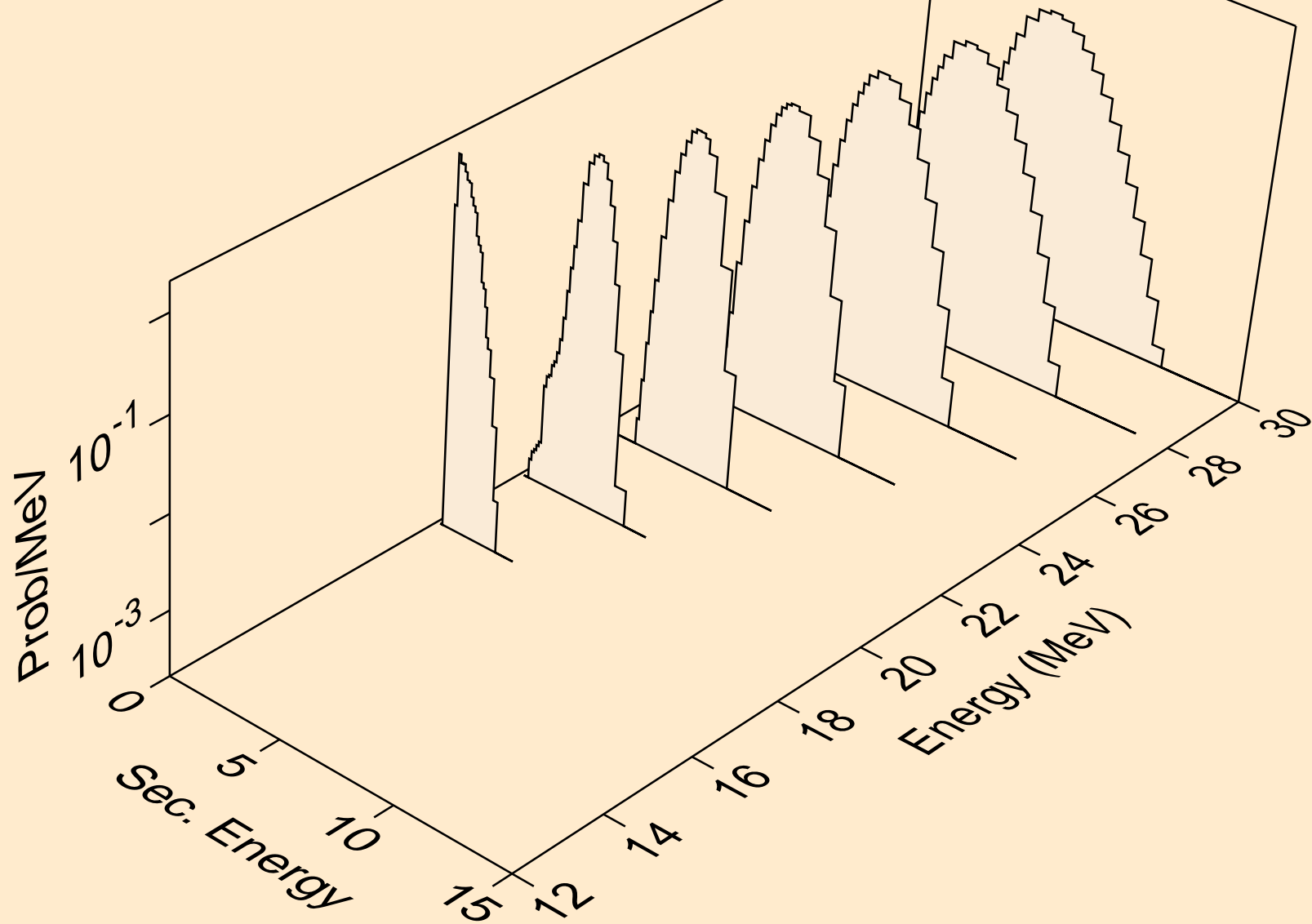
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



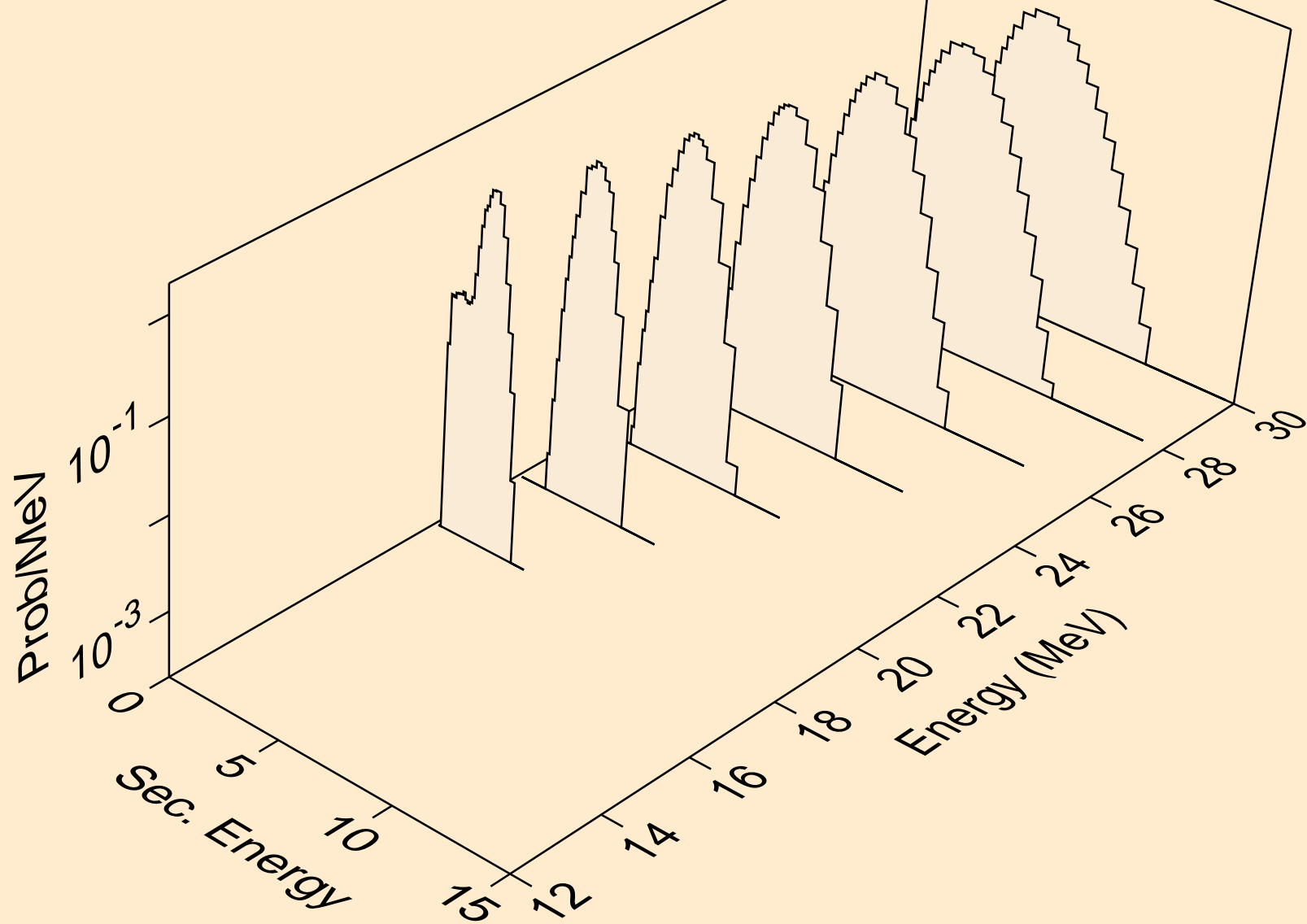
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



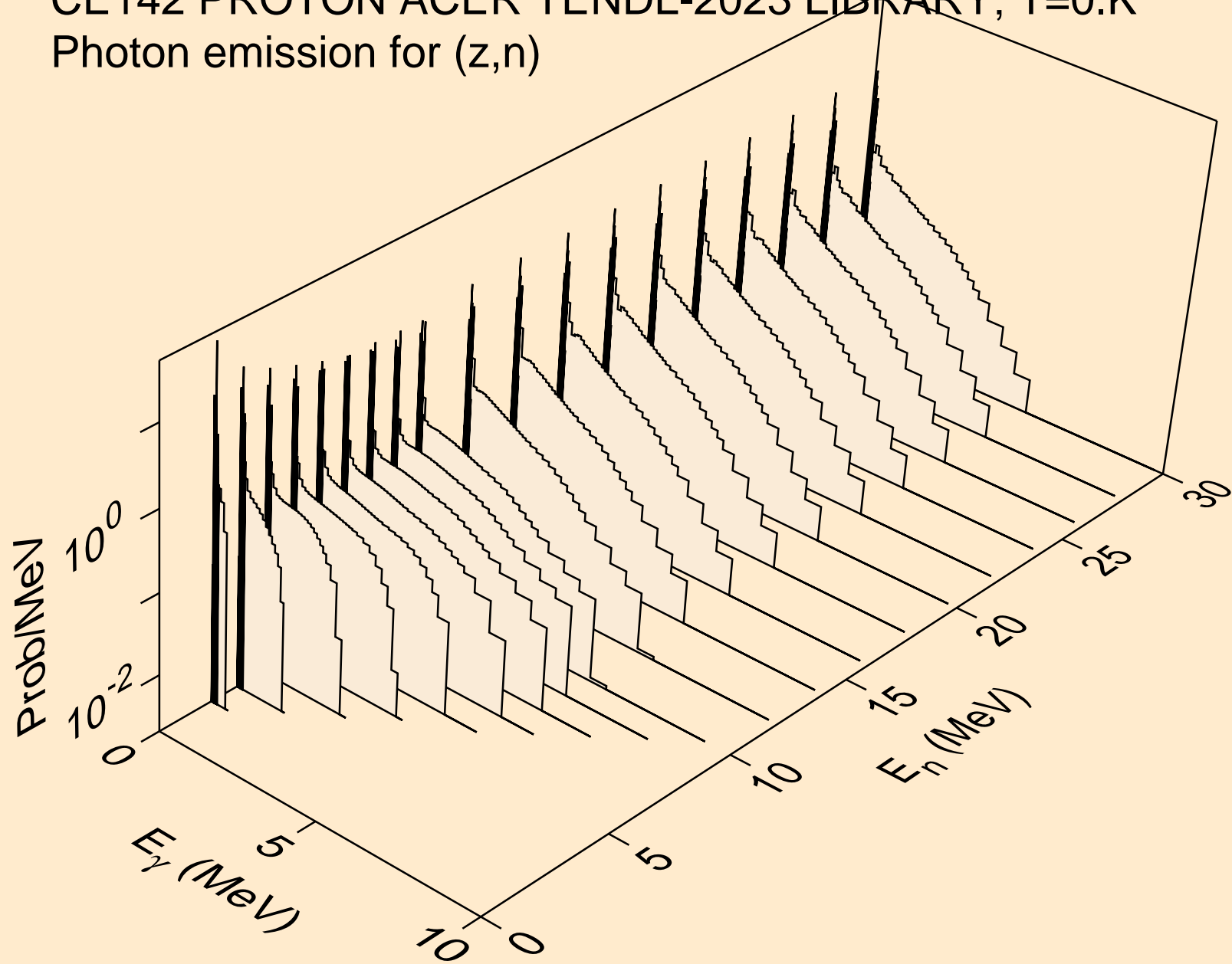
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



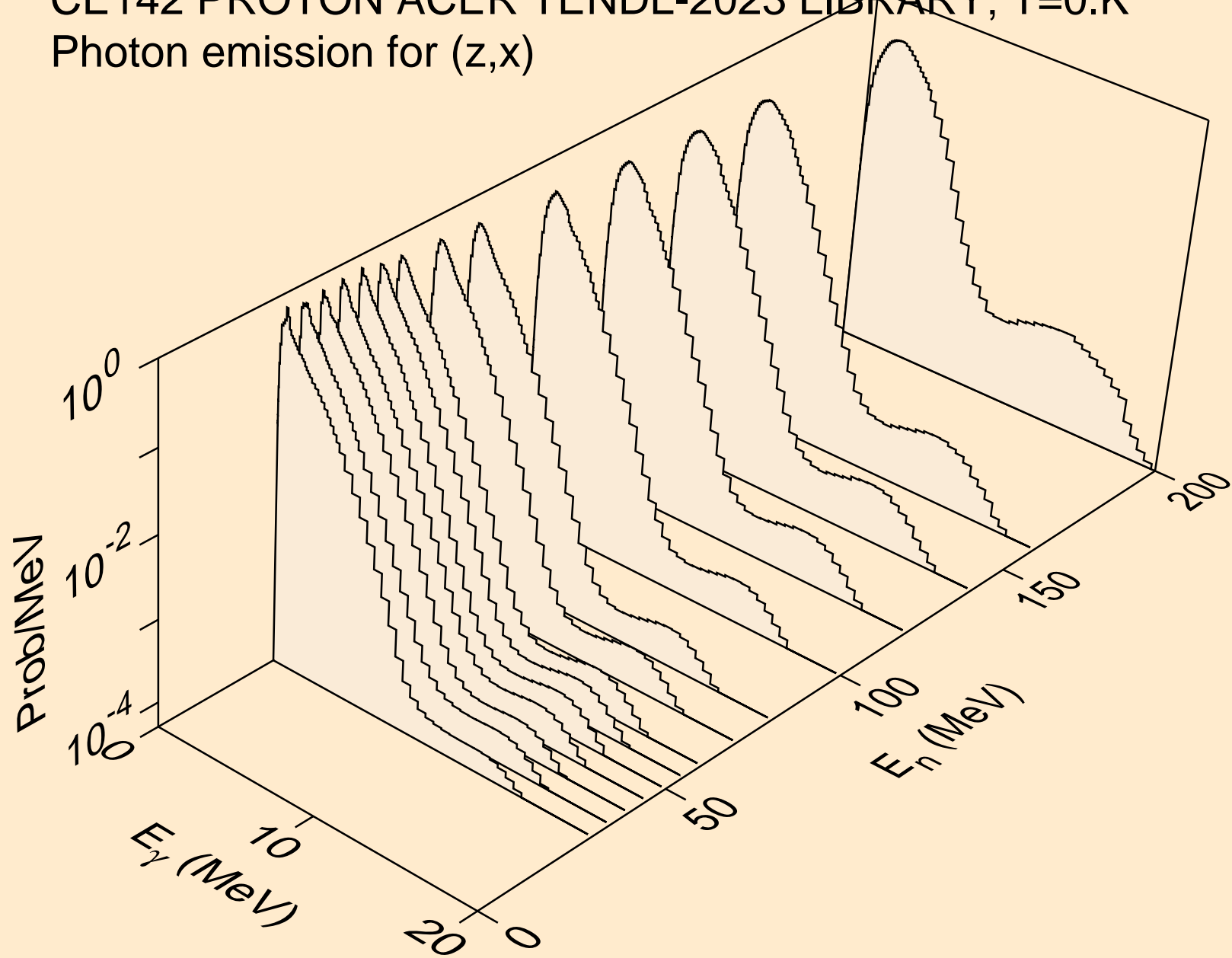
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



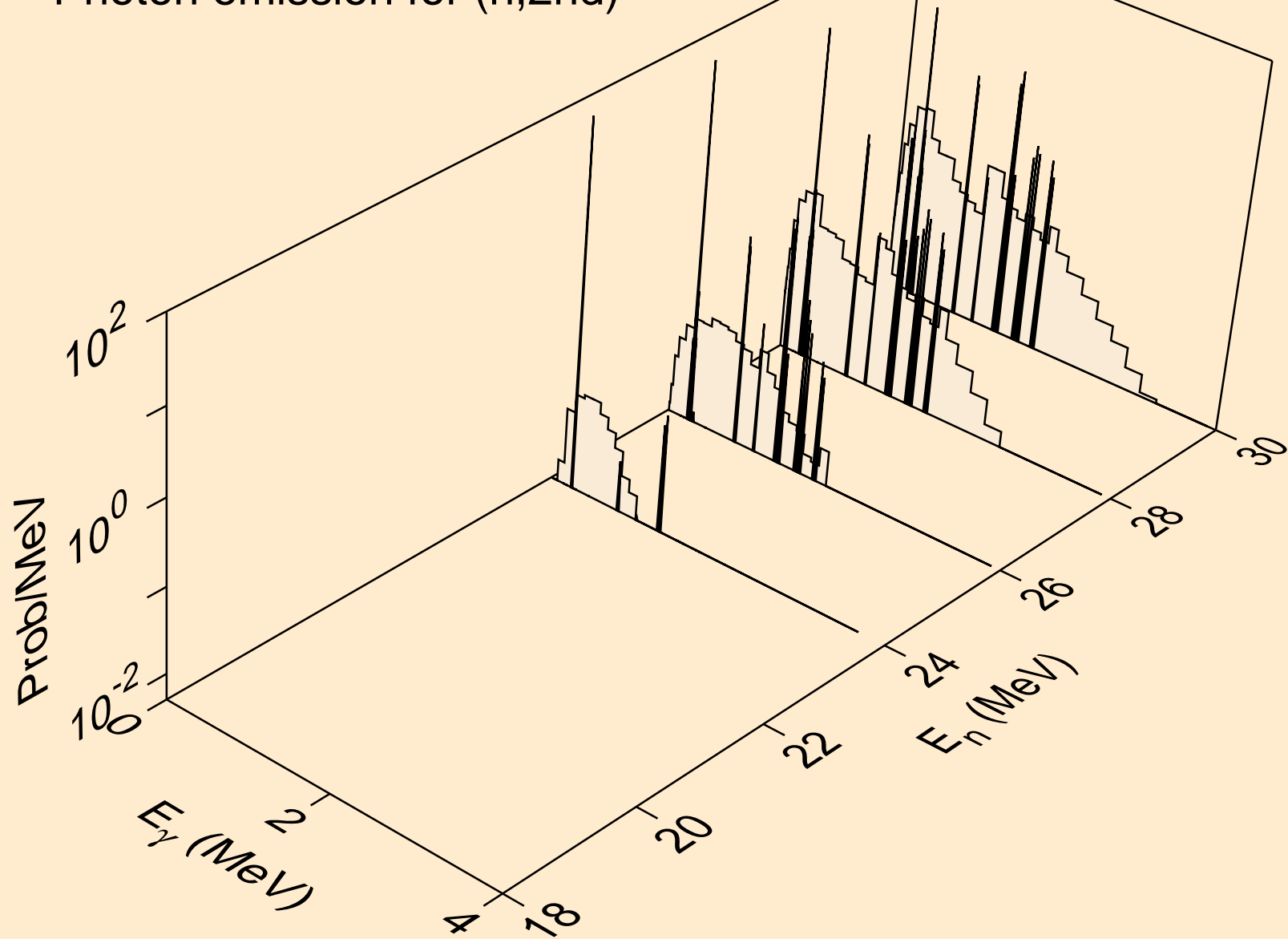
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



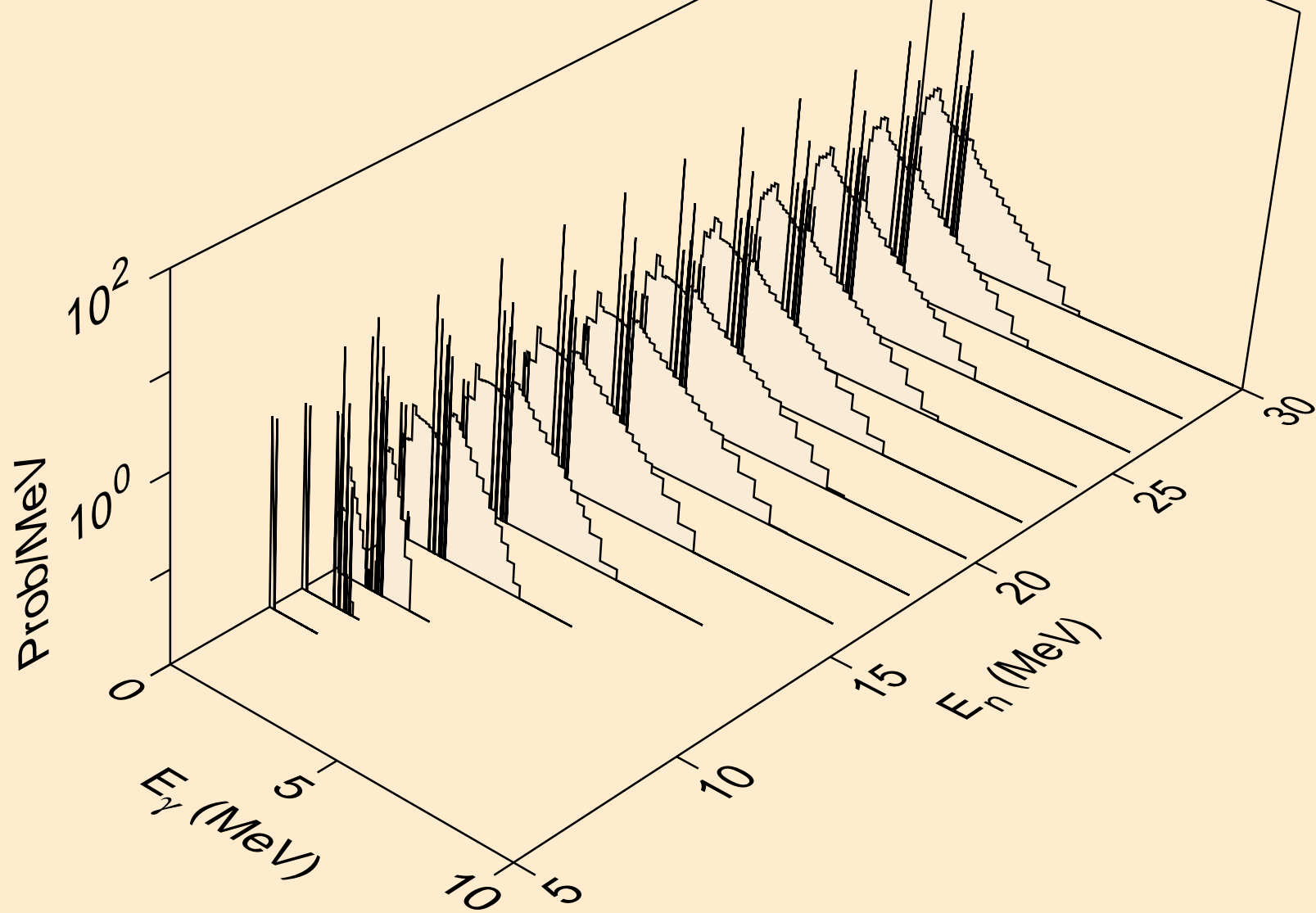
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

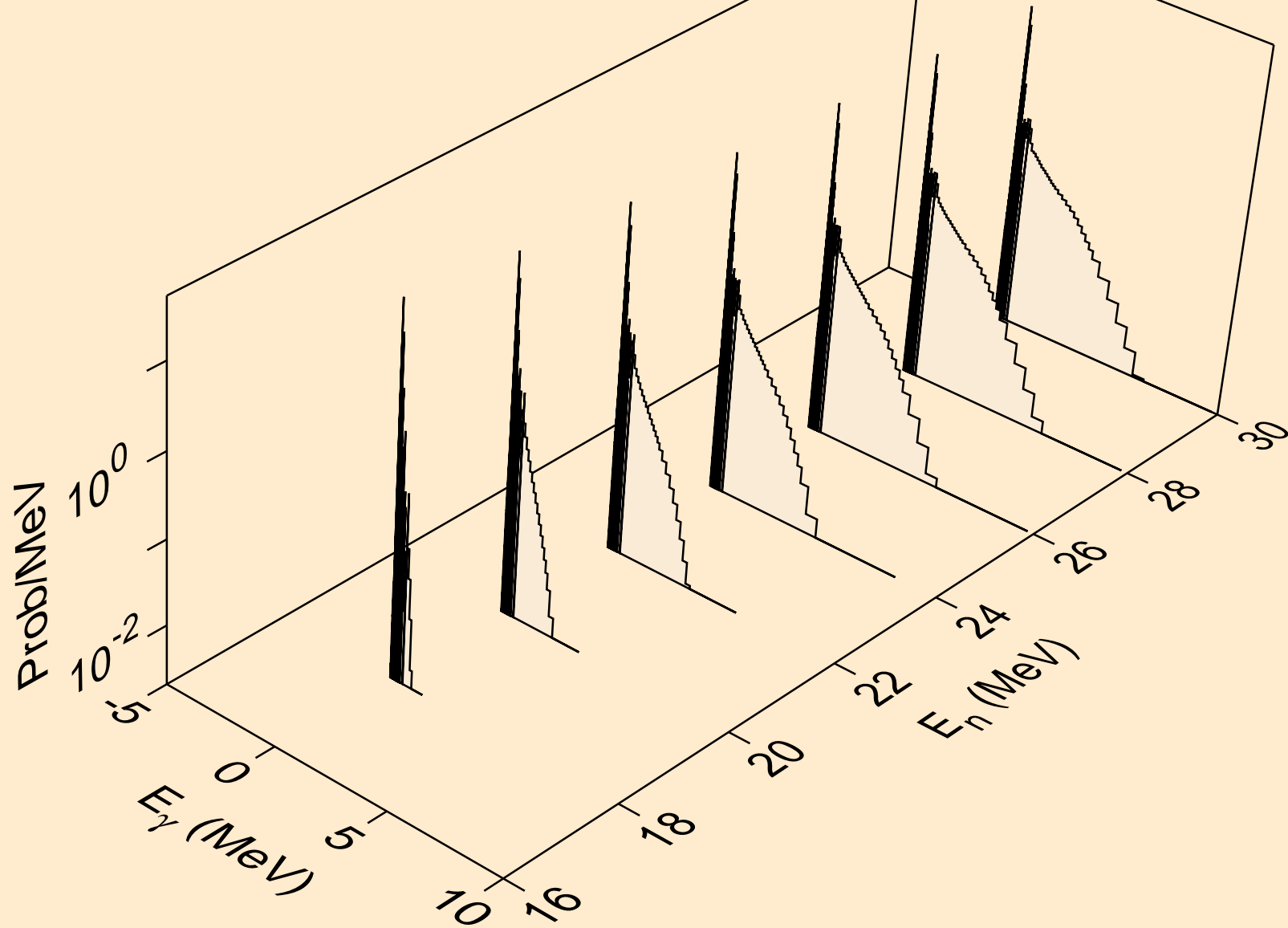


CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

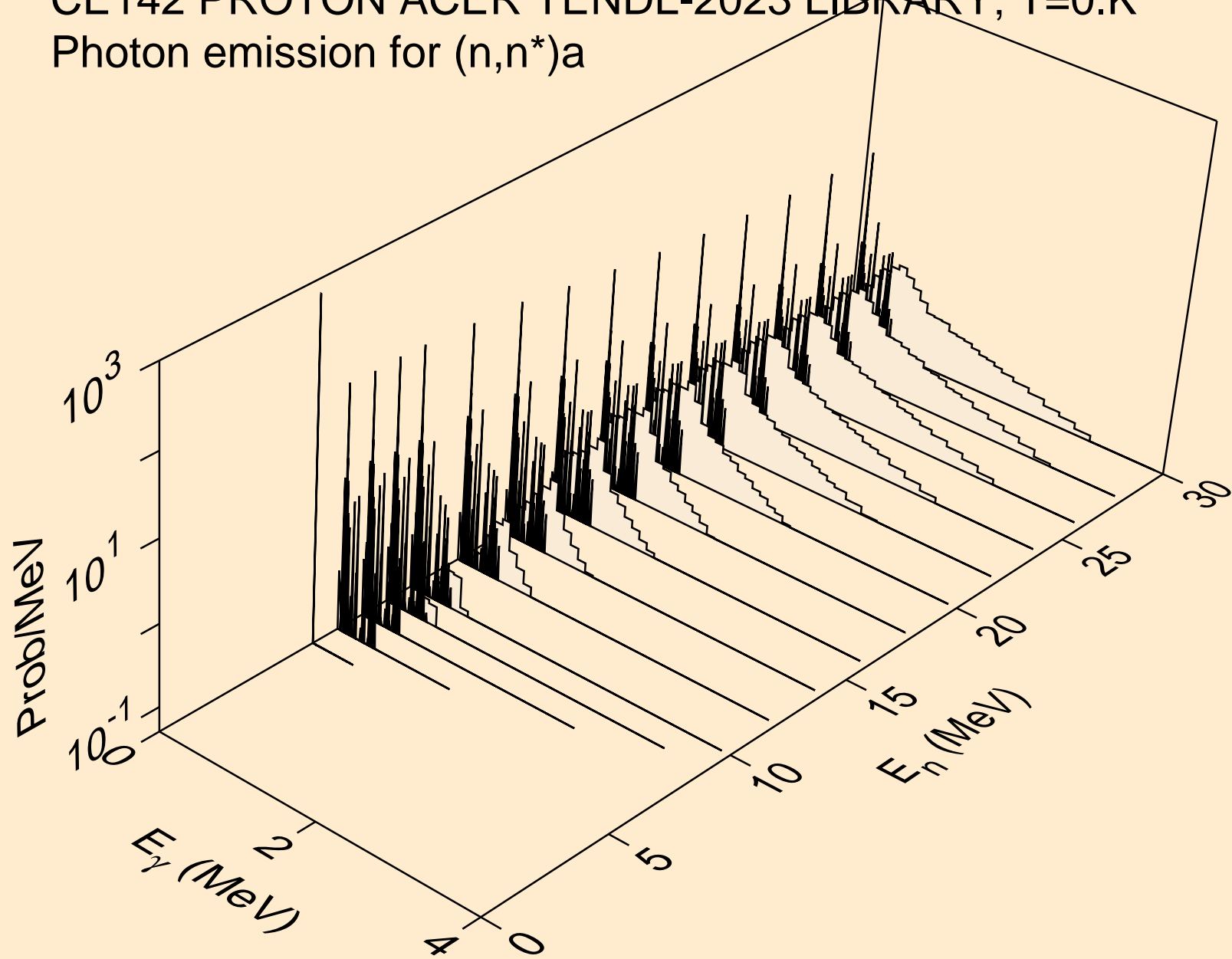




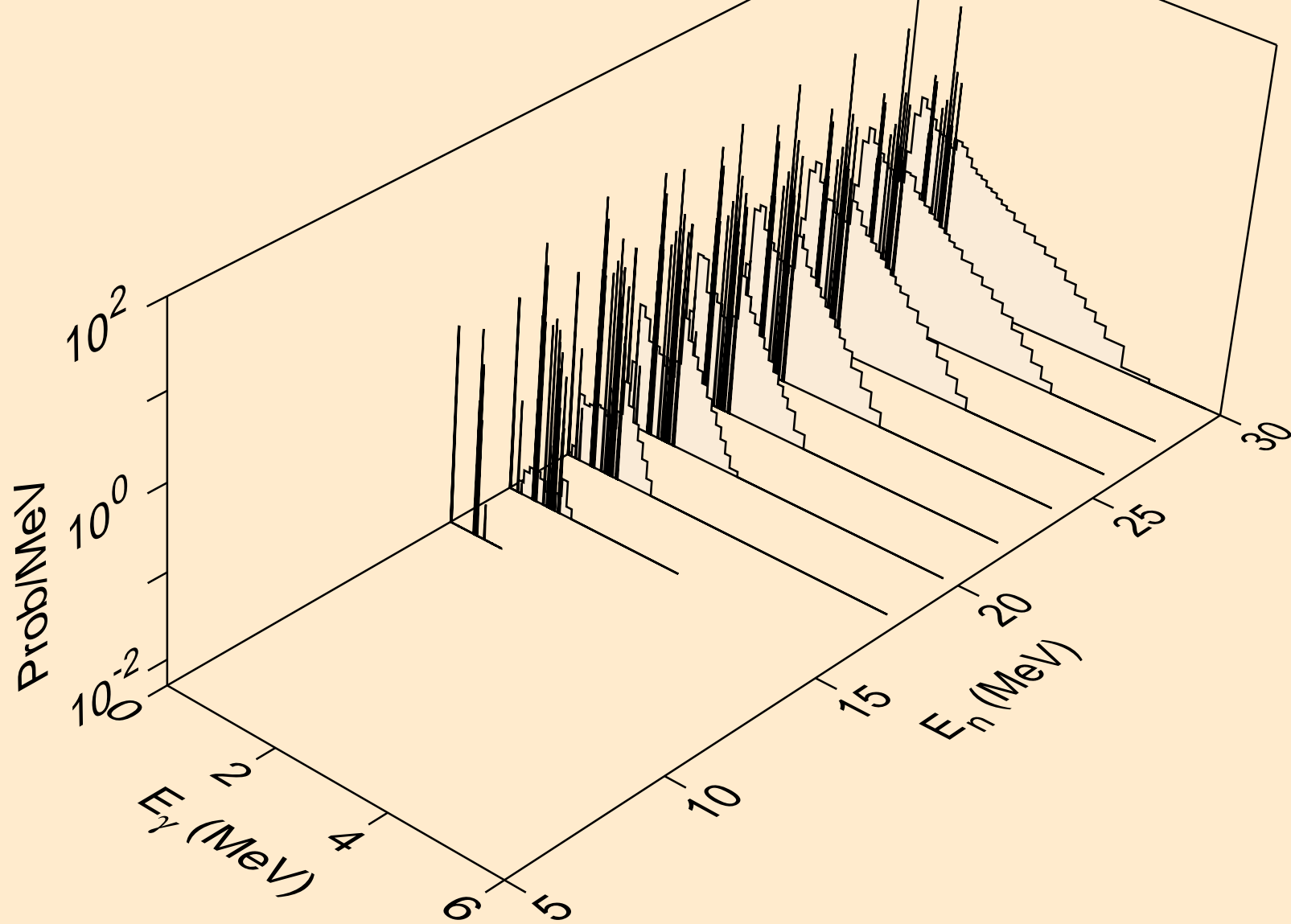
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



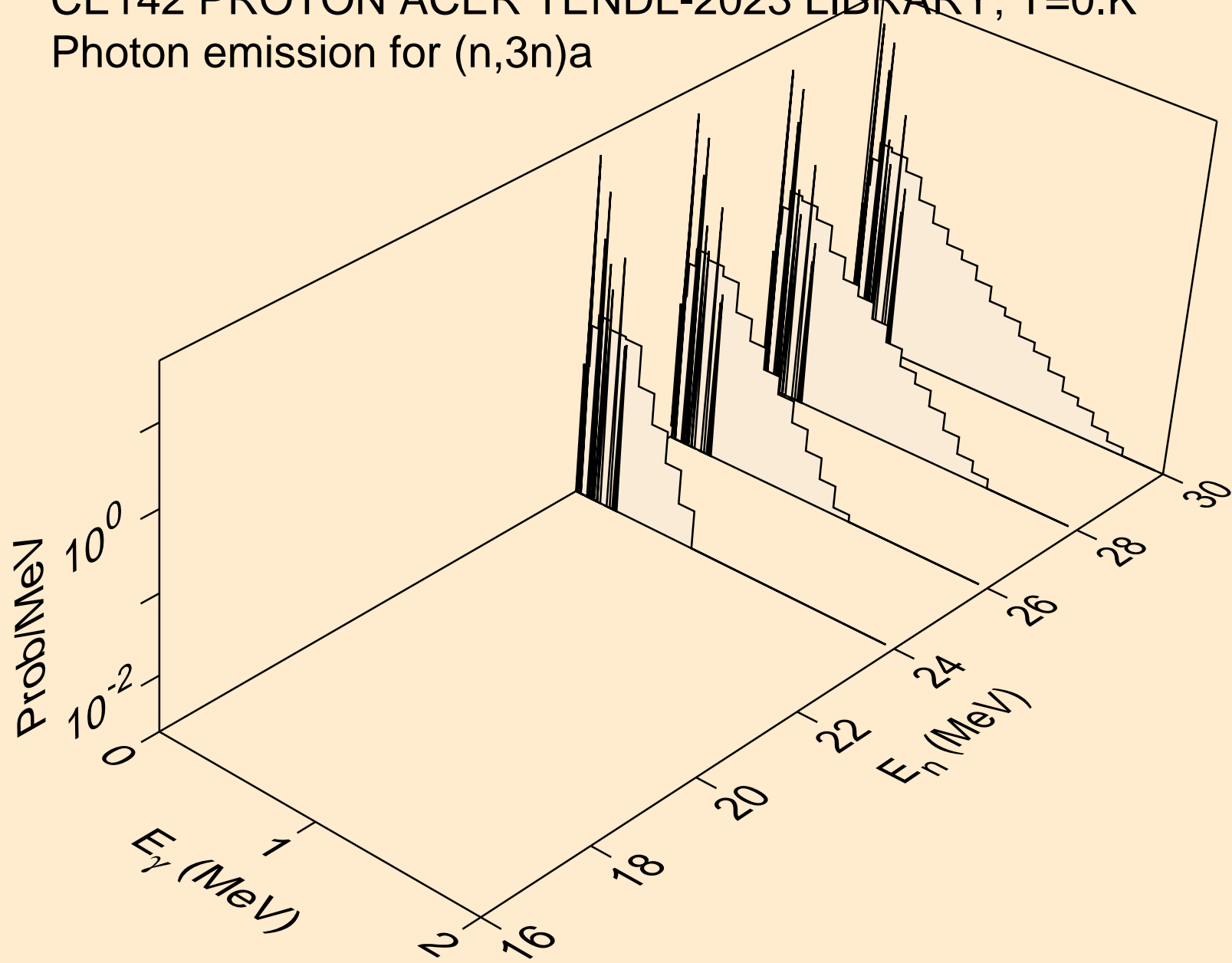
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



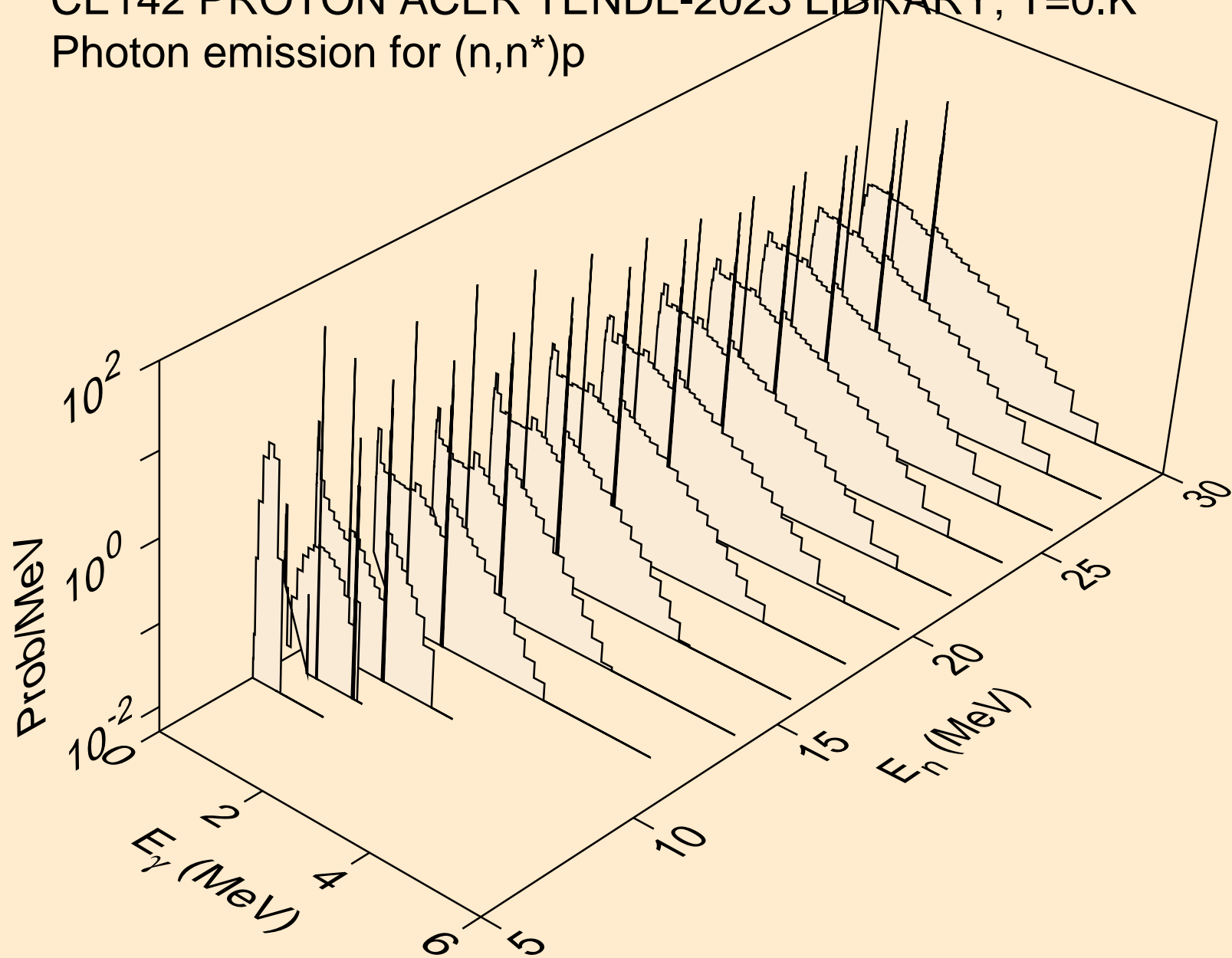
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



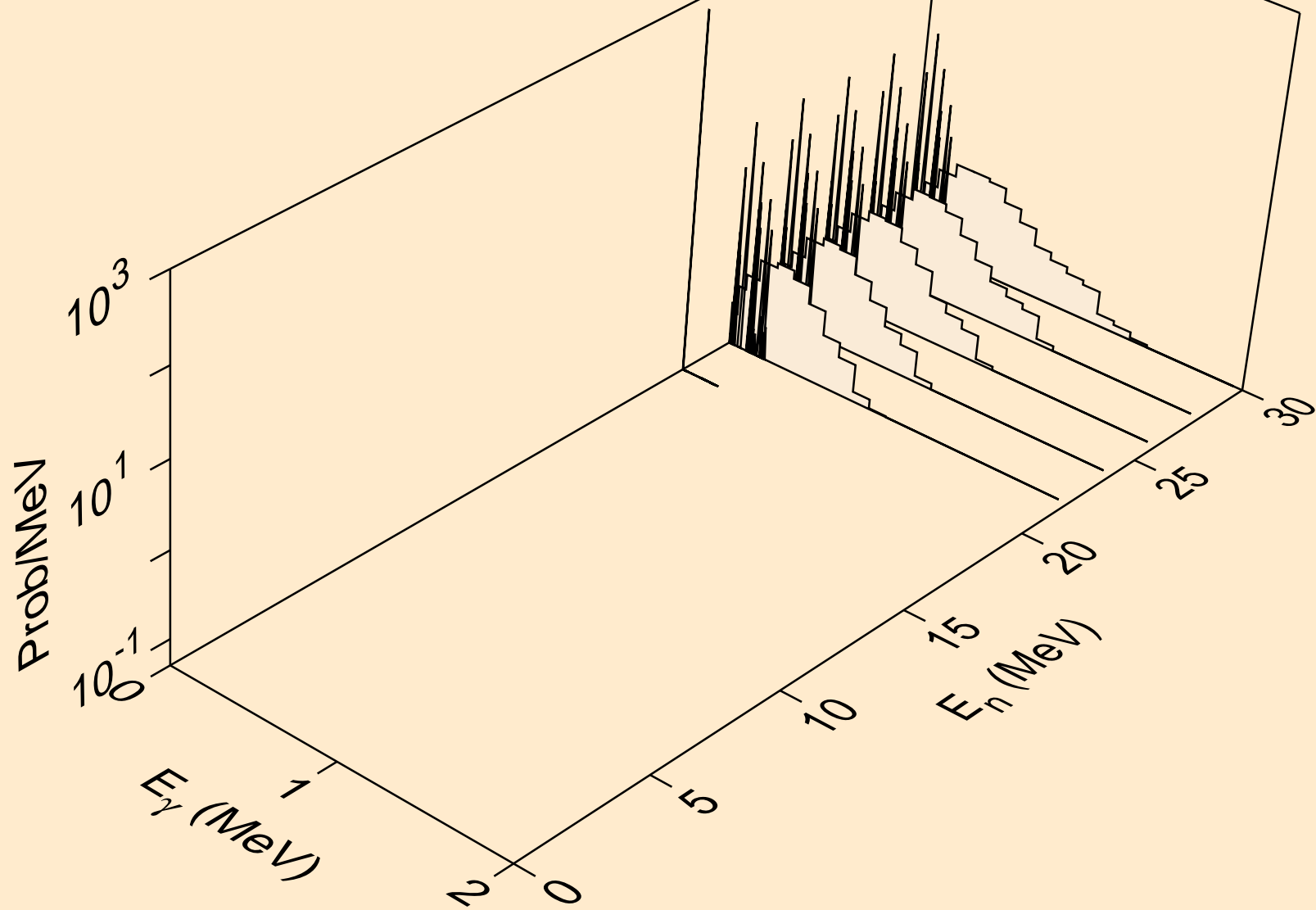
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



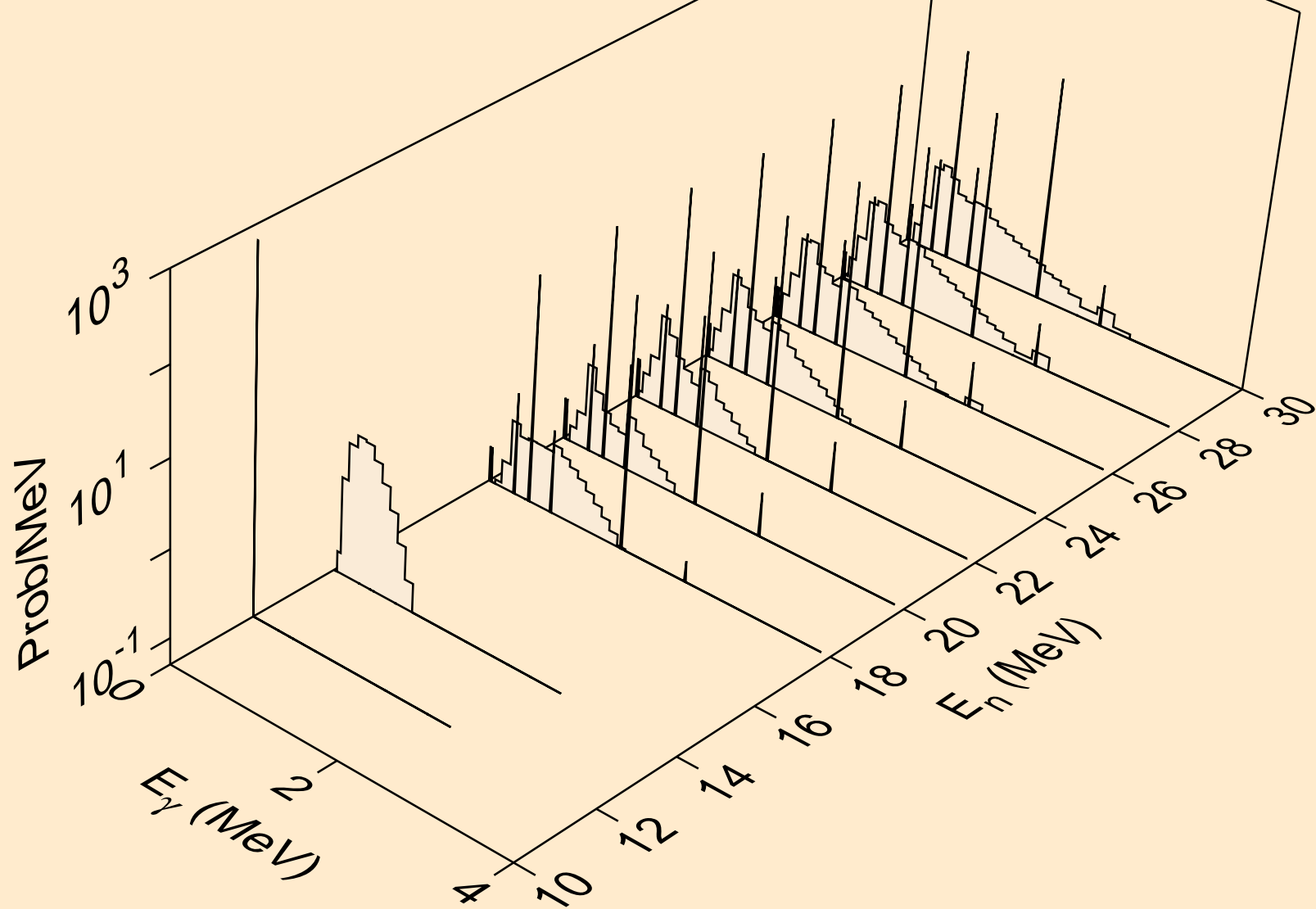
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



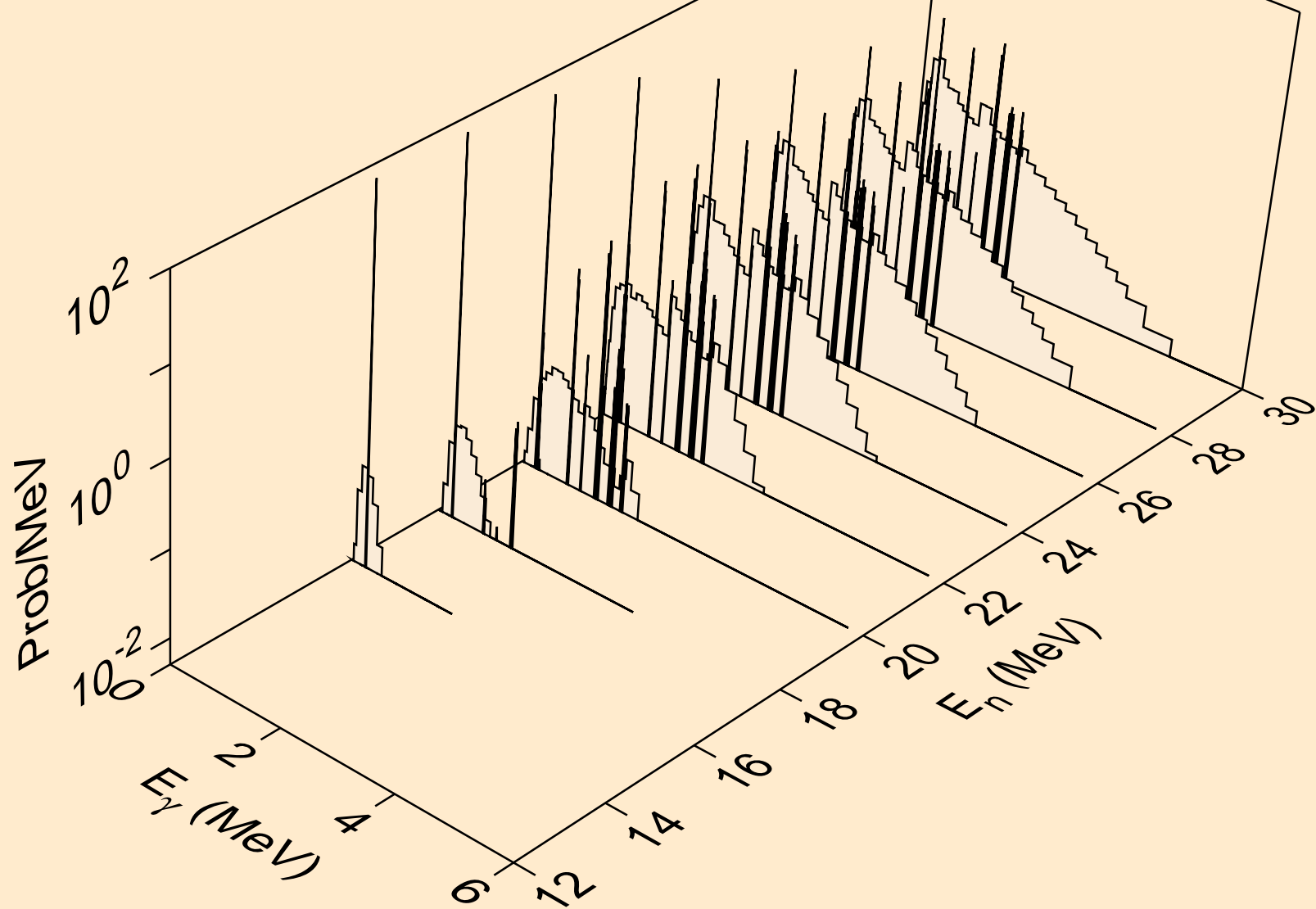
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

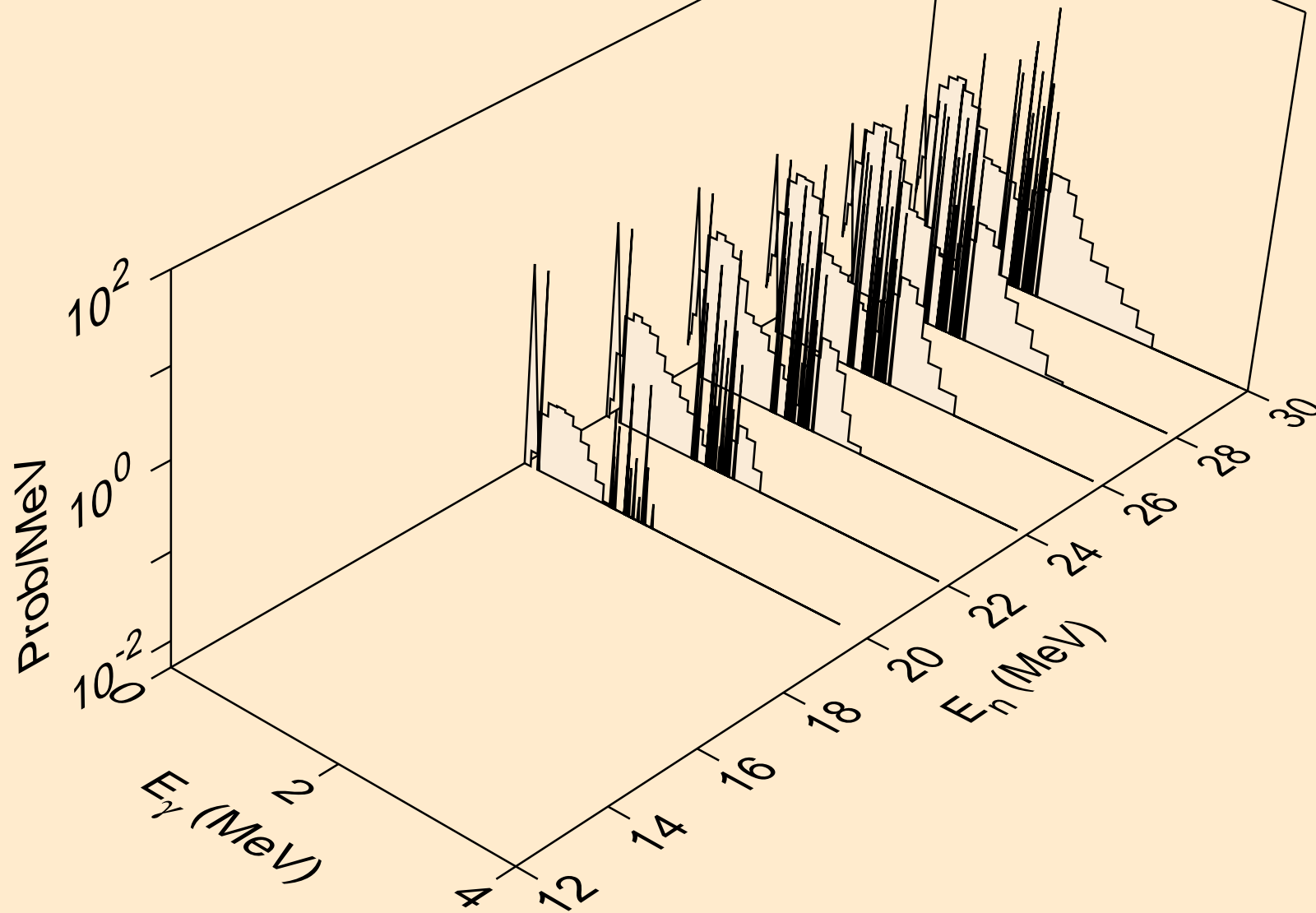


CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

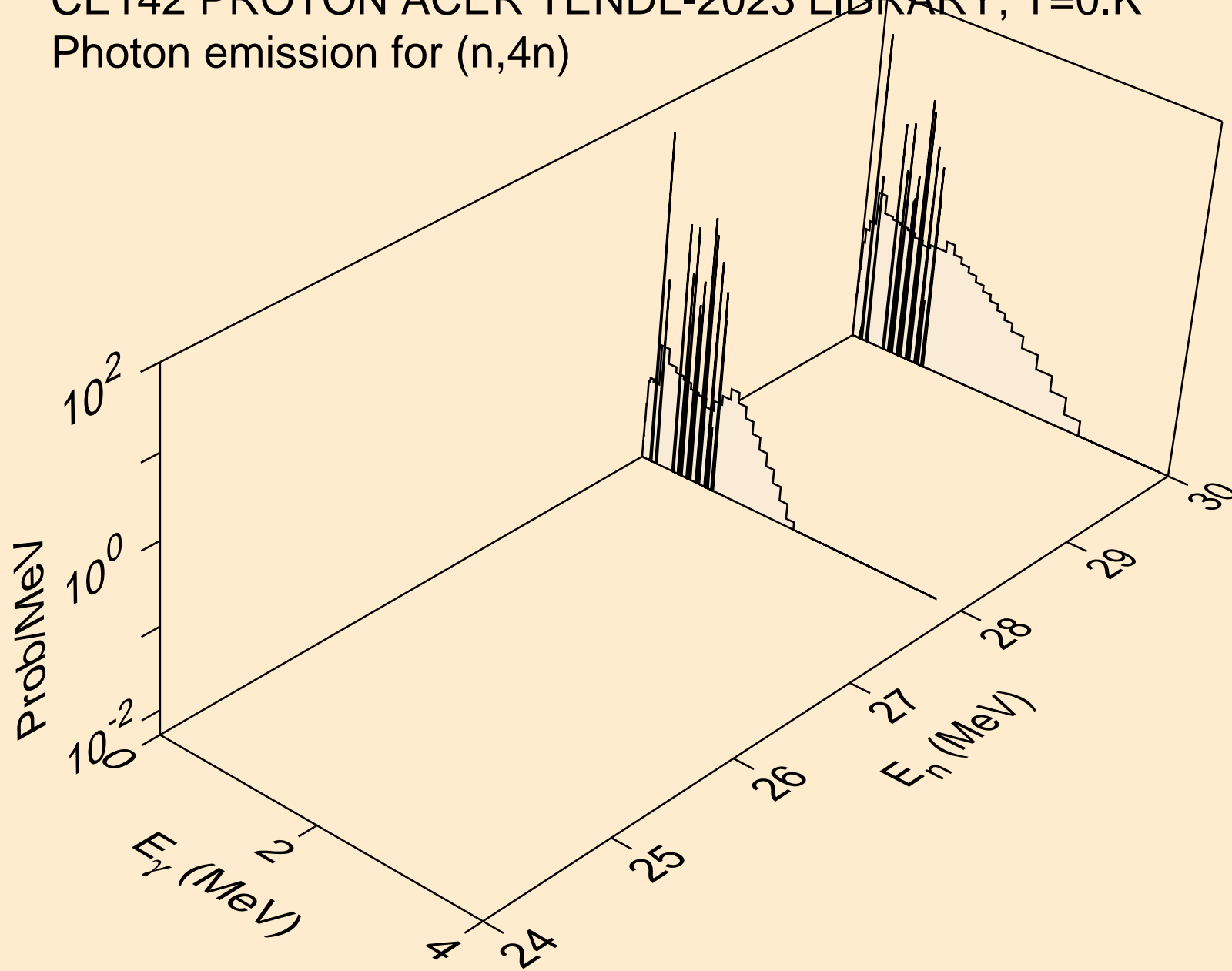




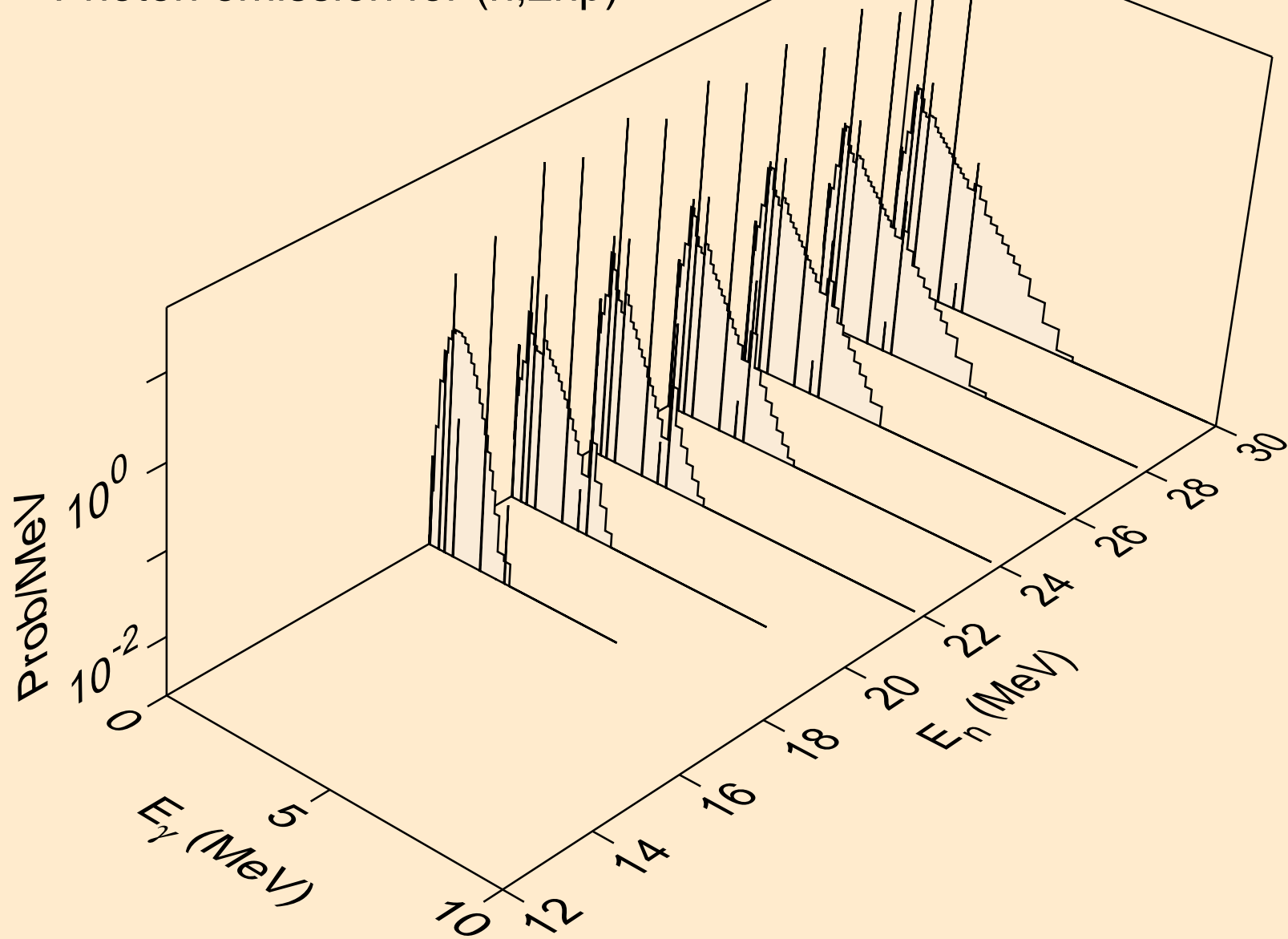
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



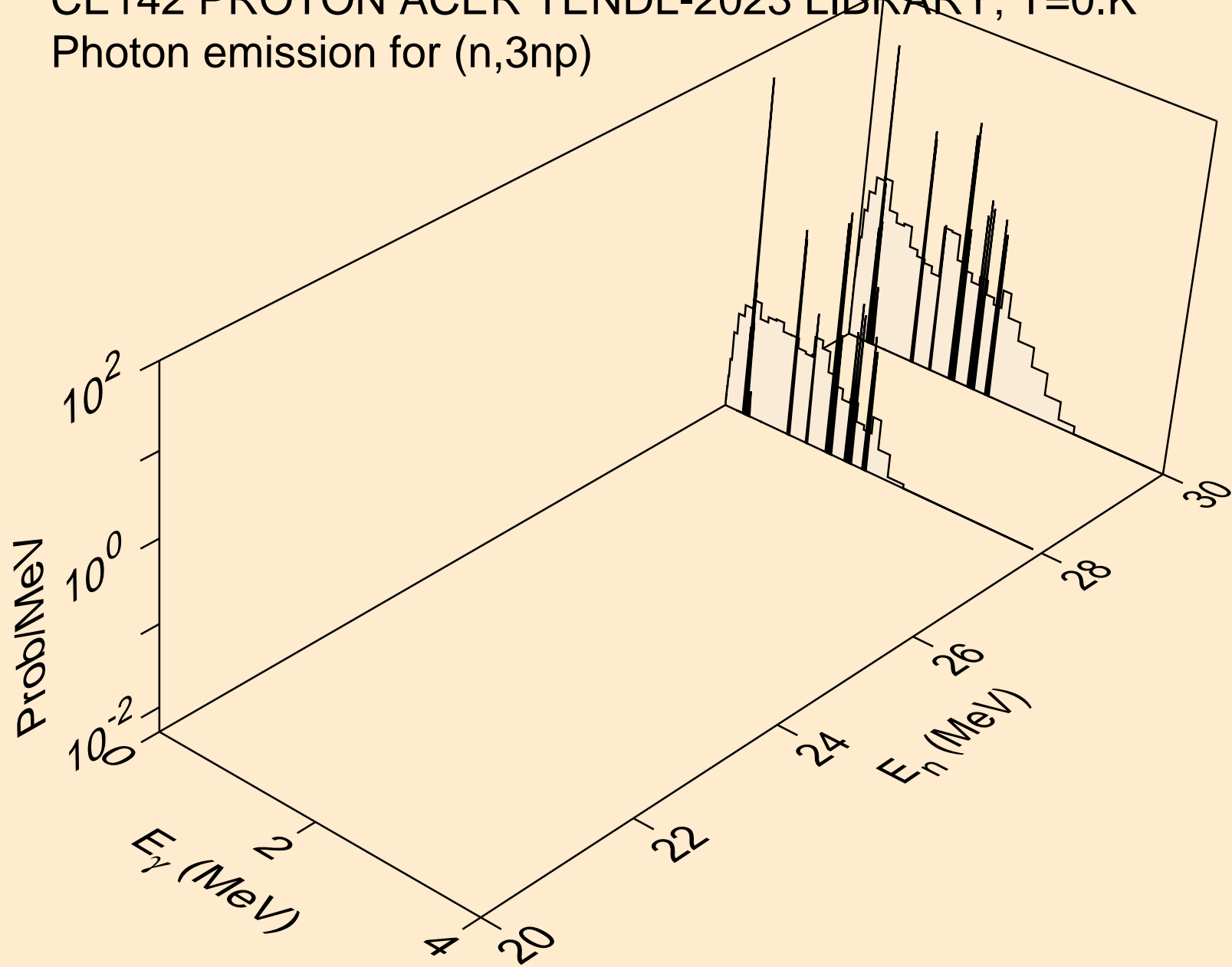
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



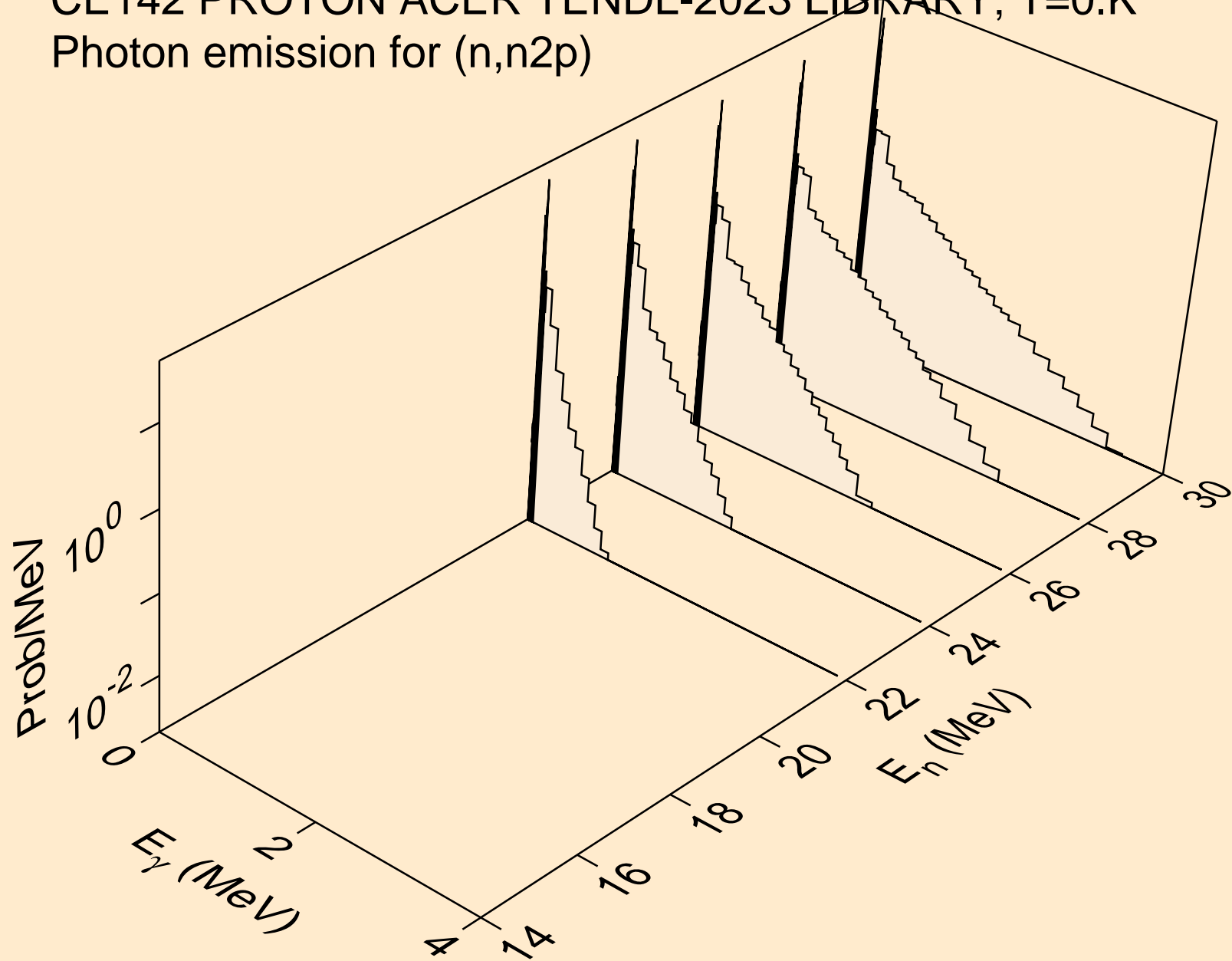
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



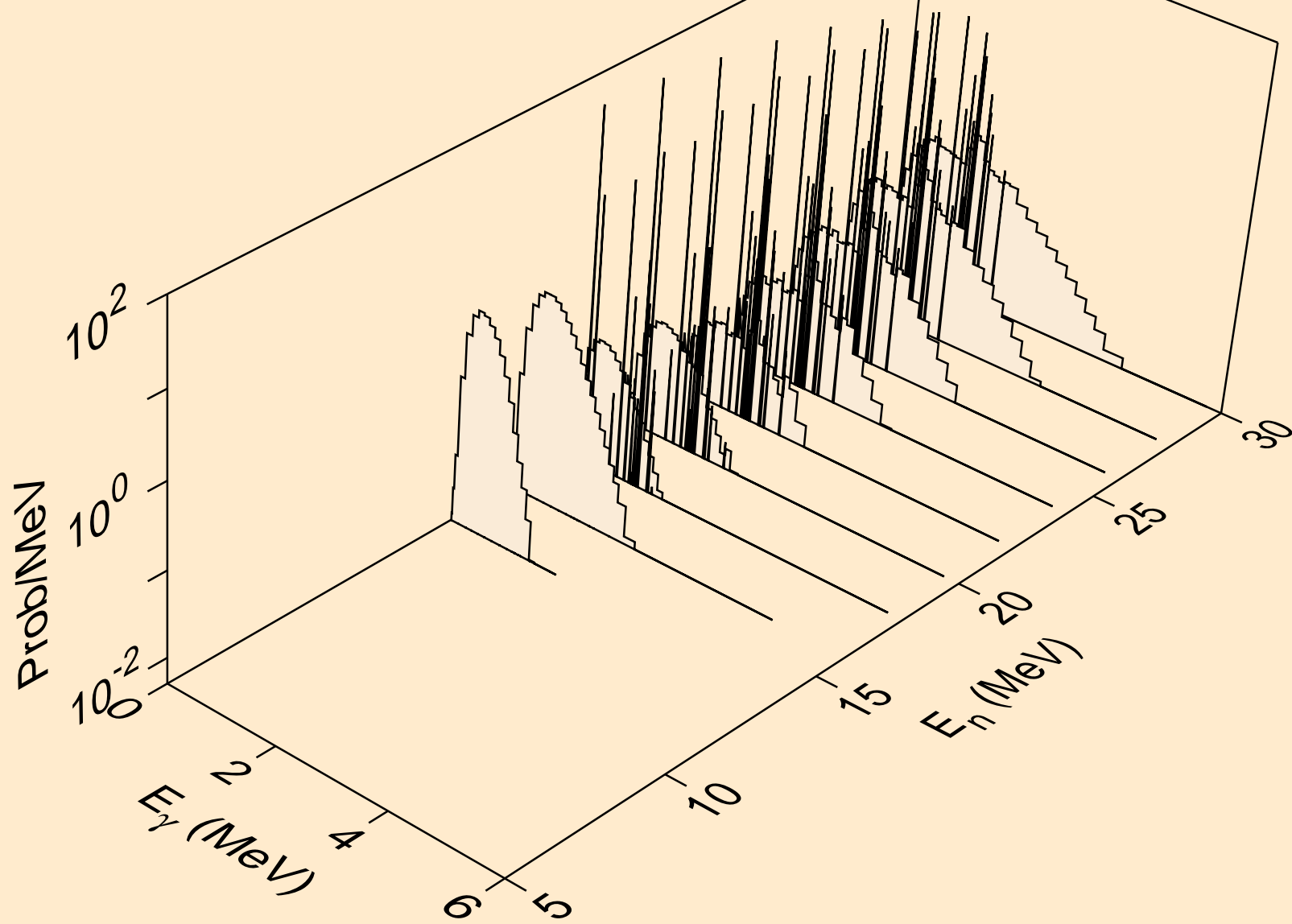
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Photon emission for (n,3np)



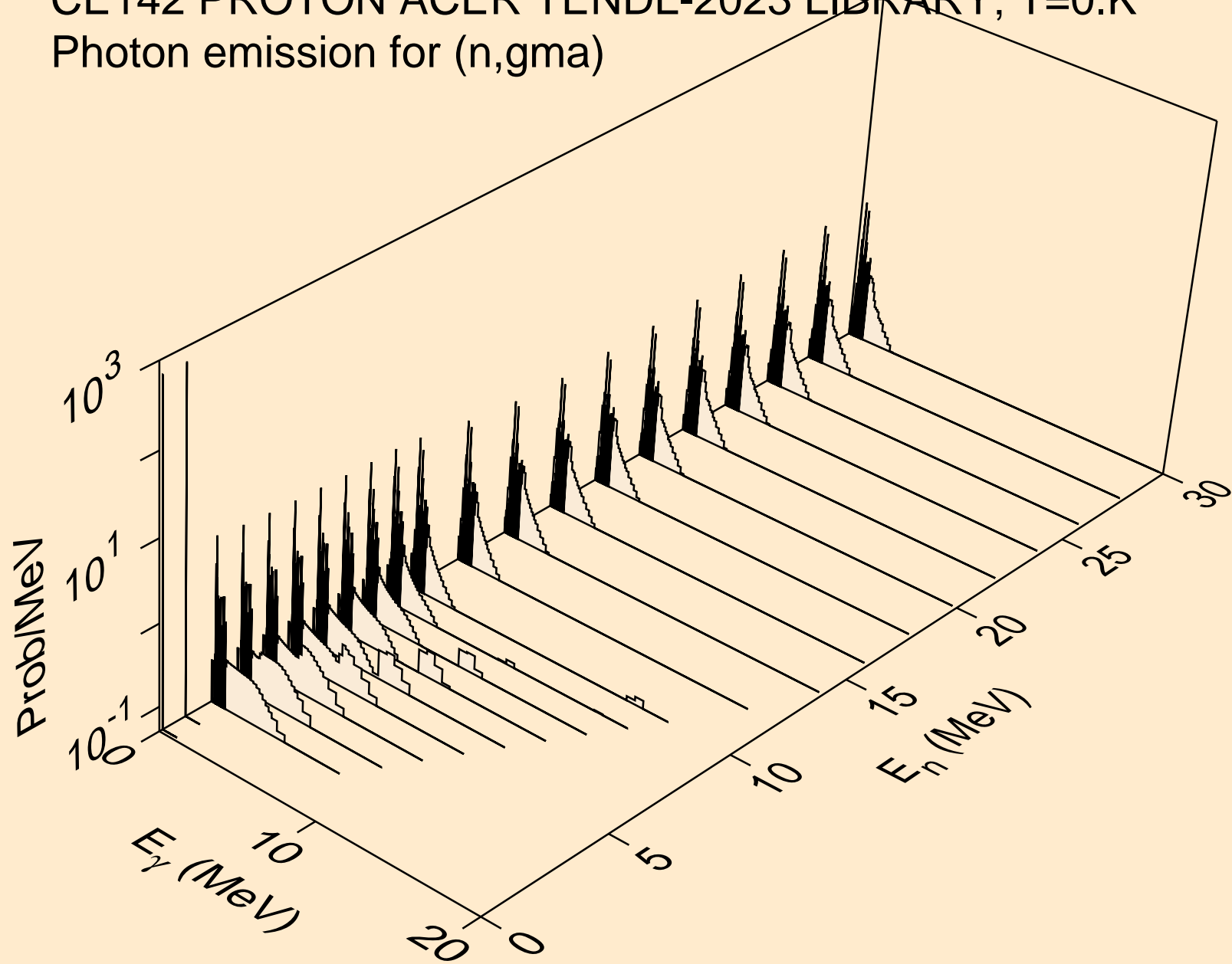
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



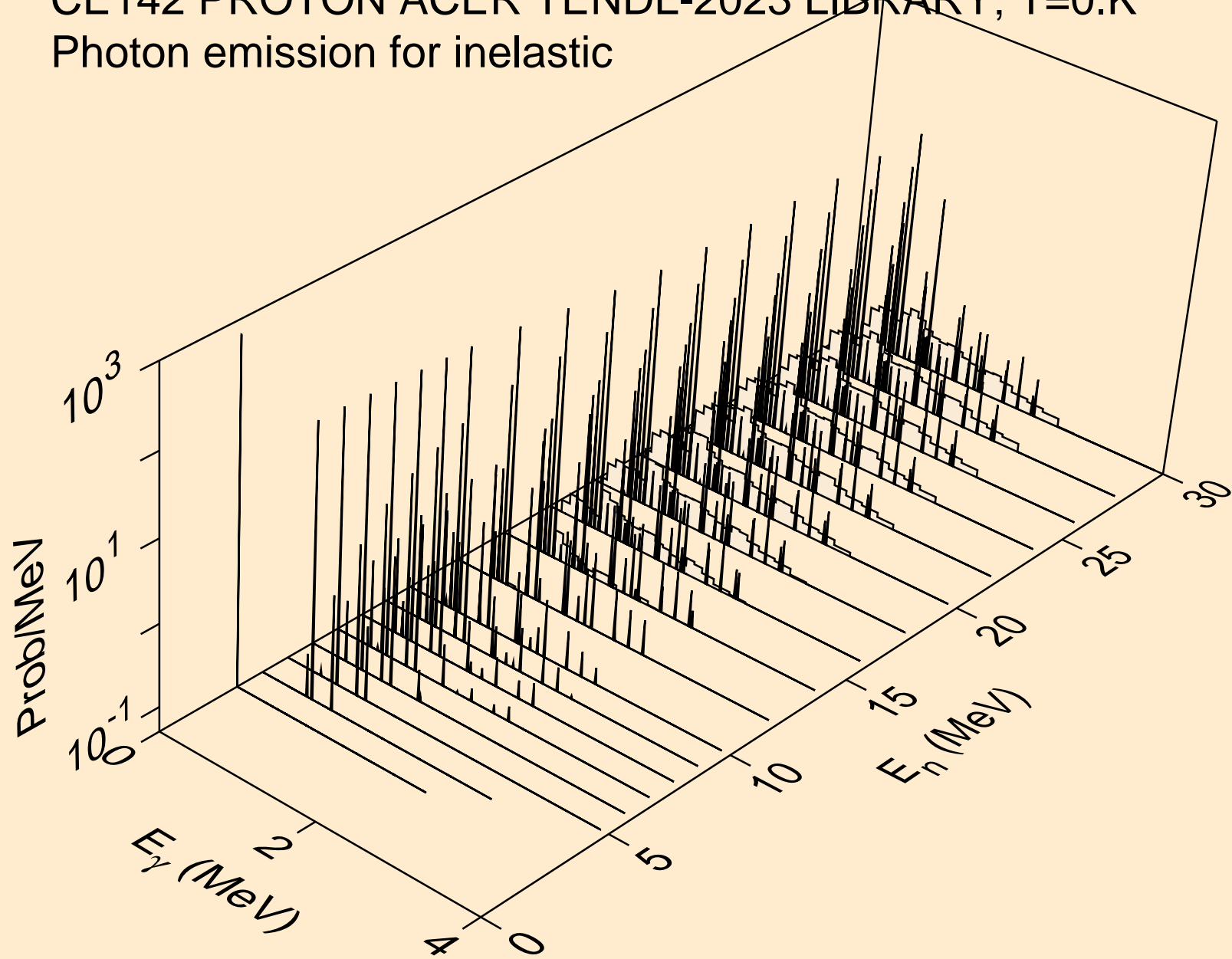
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

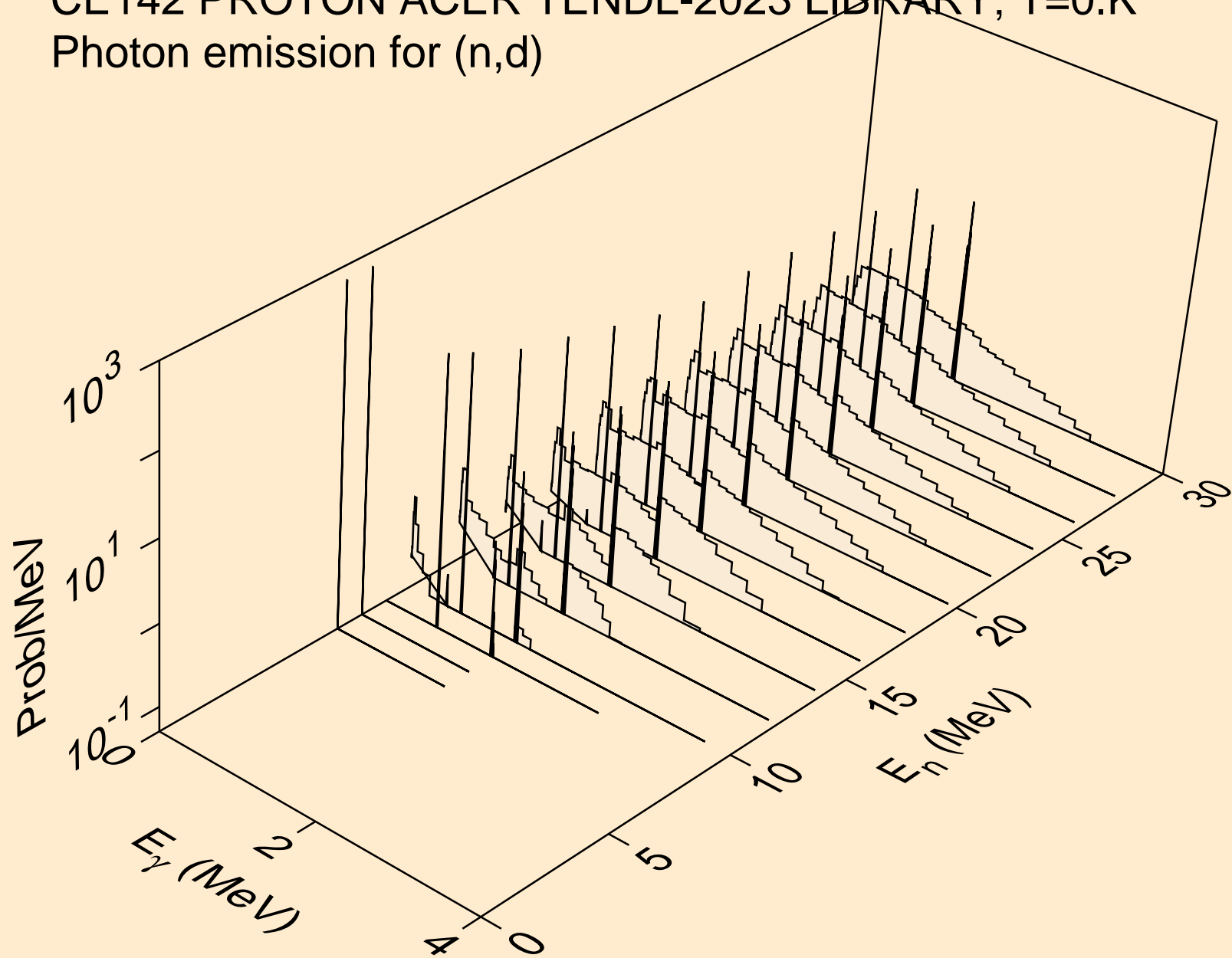


CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

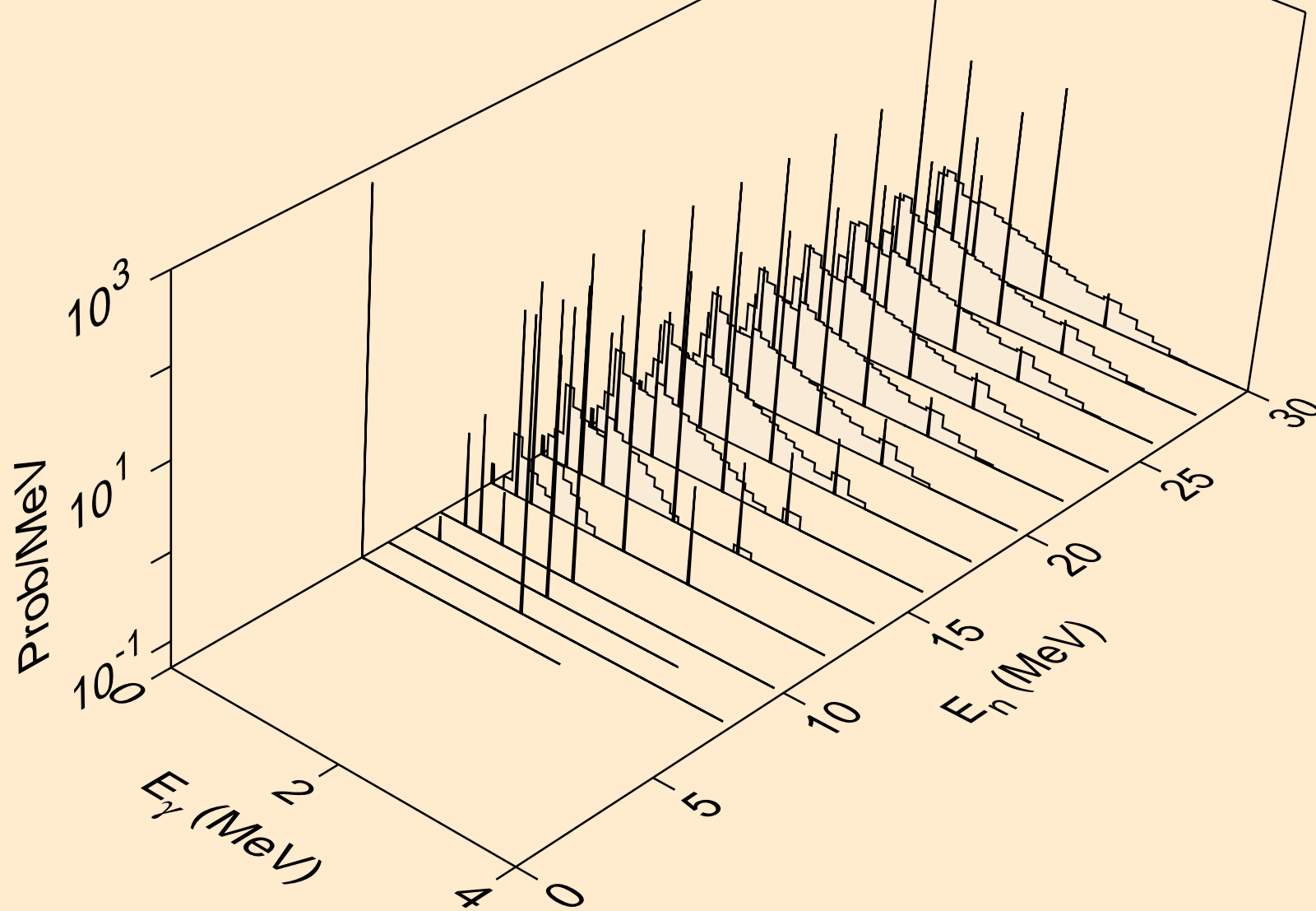




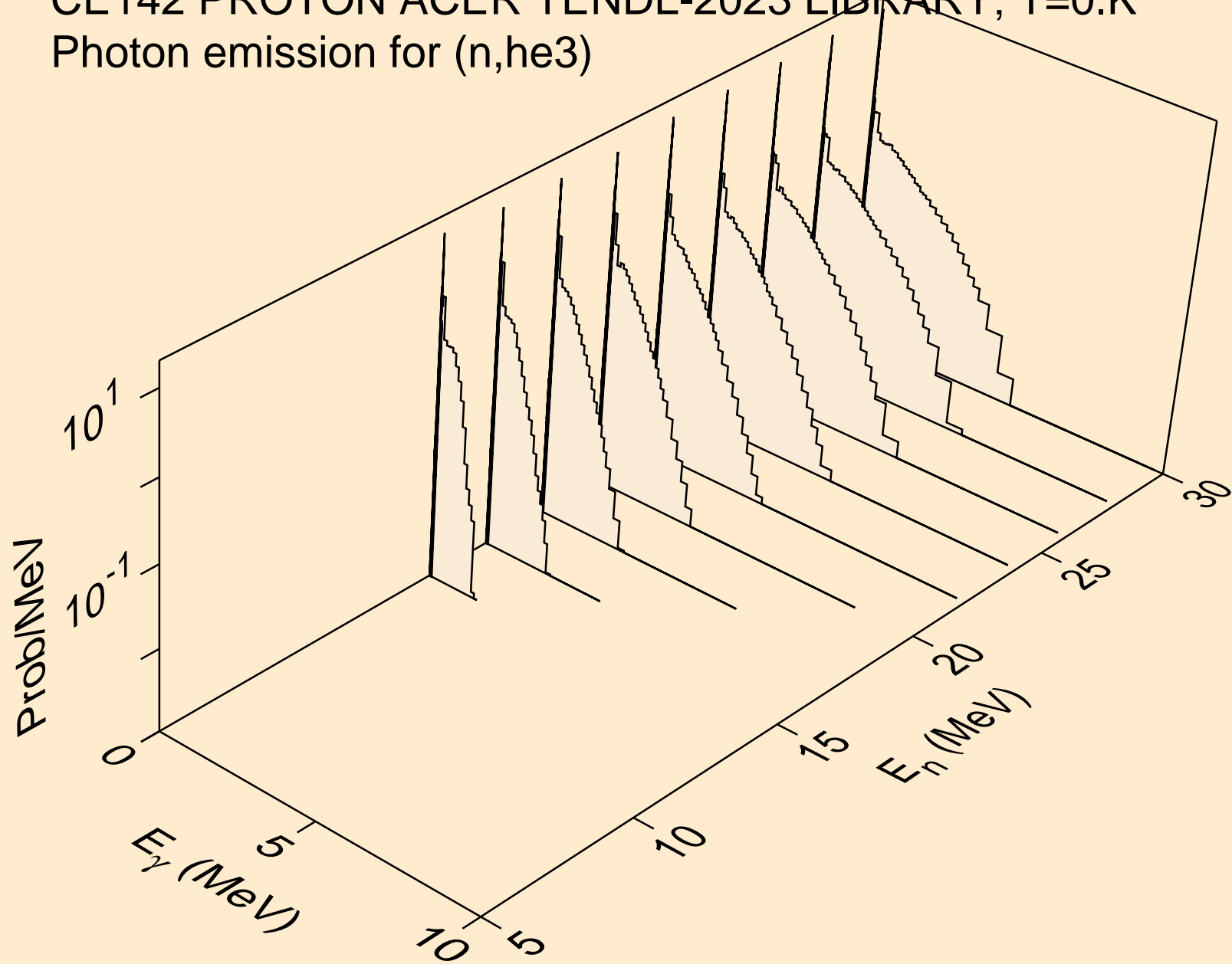
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Photon emission for (n,d)



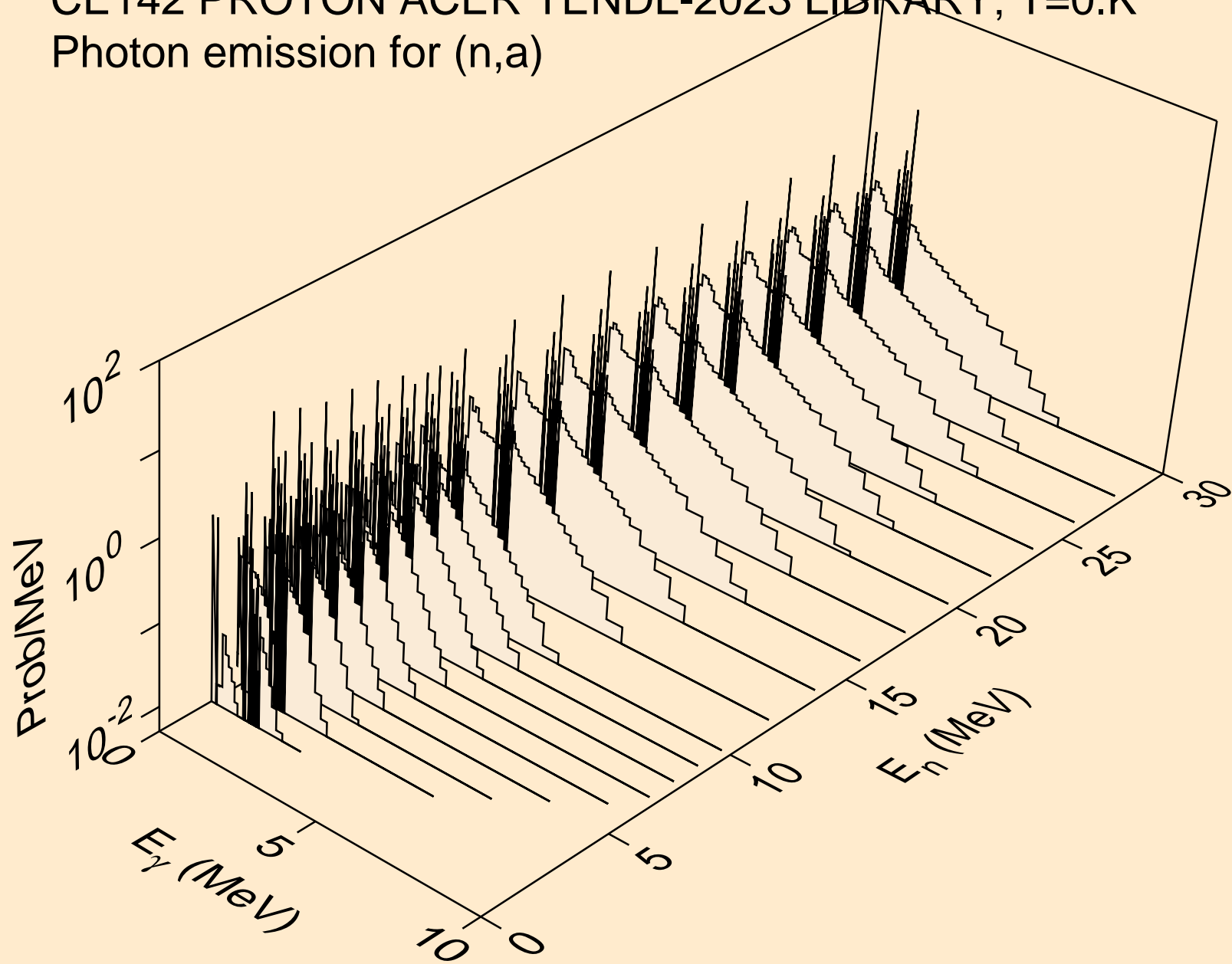
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



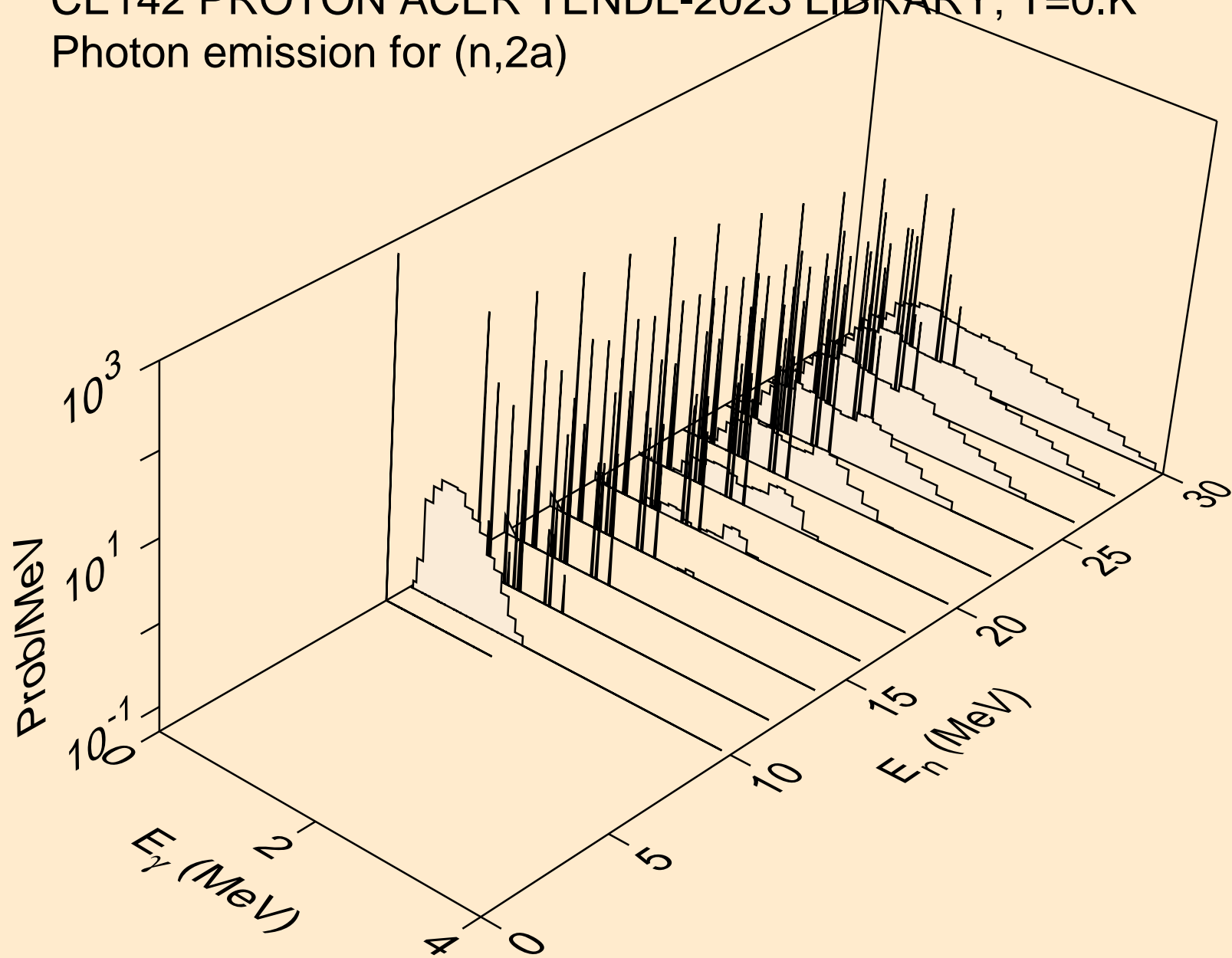
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



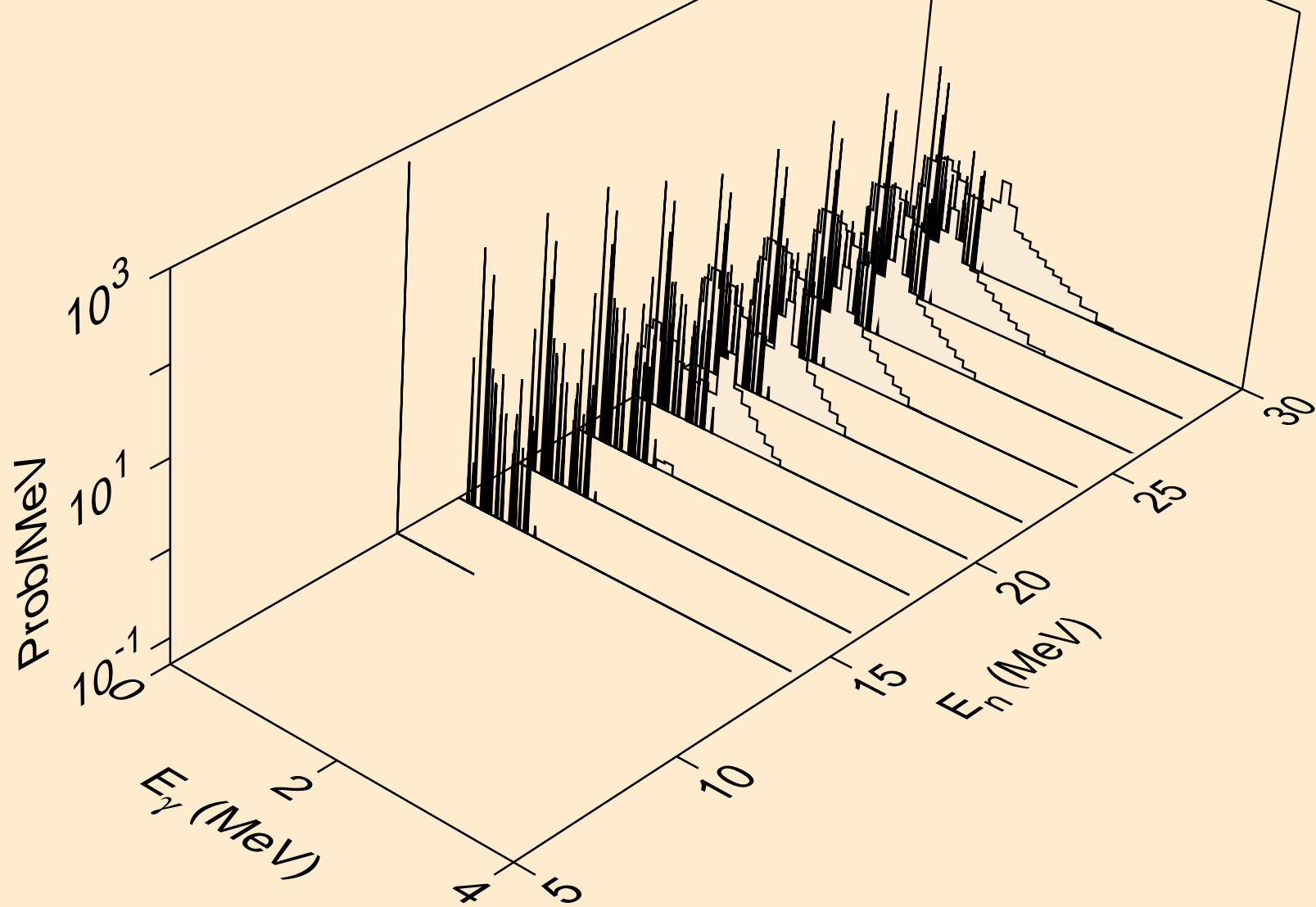
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



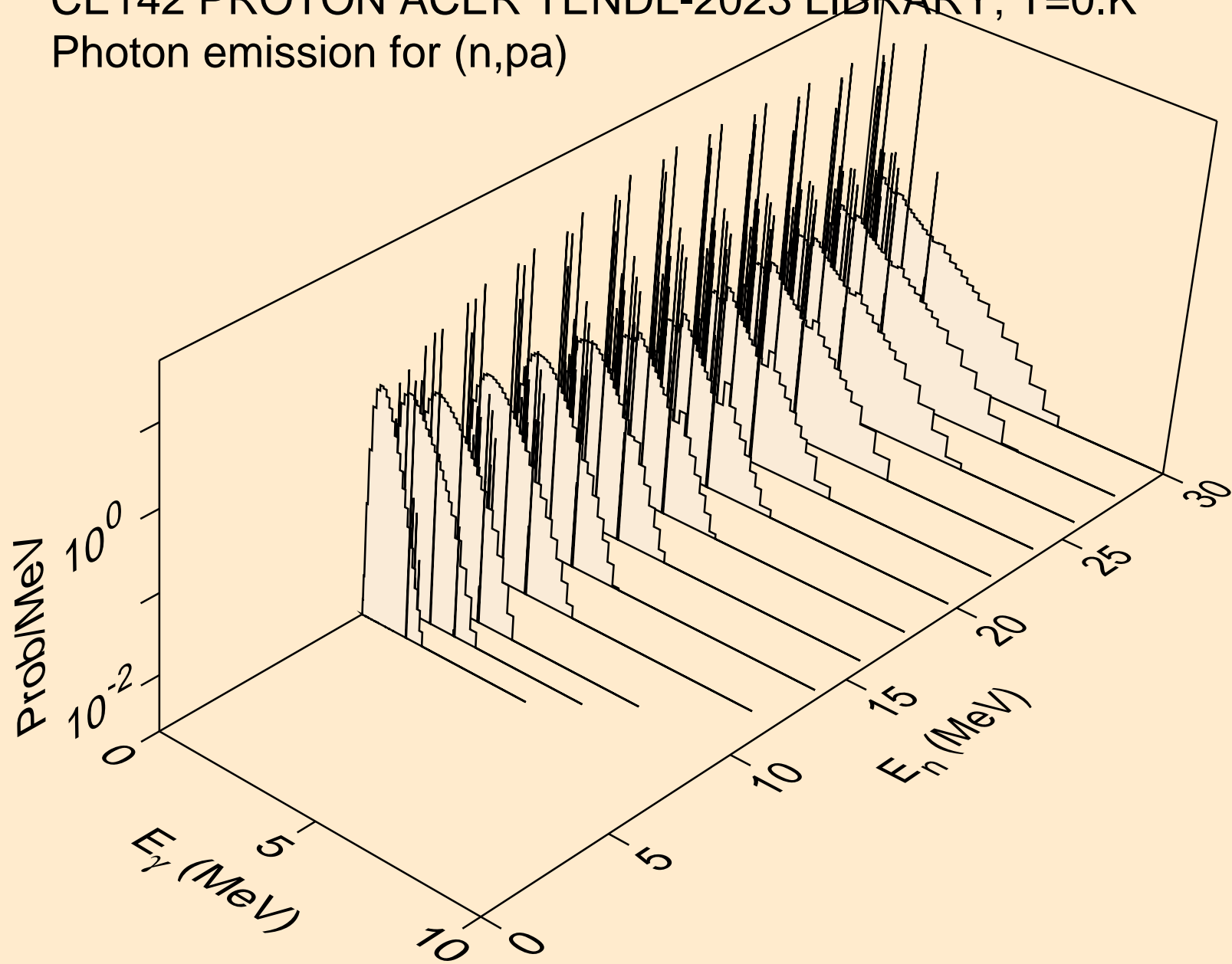
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



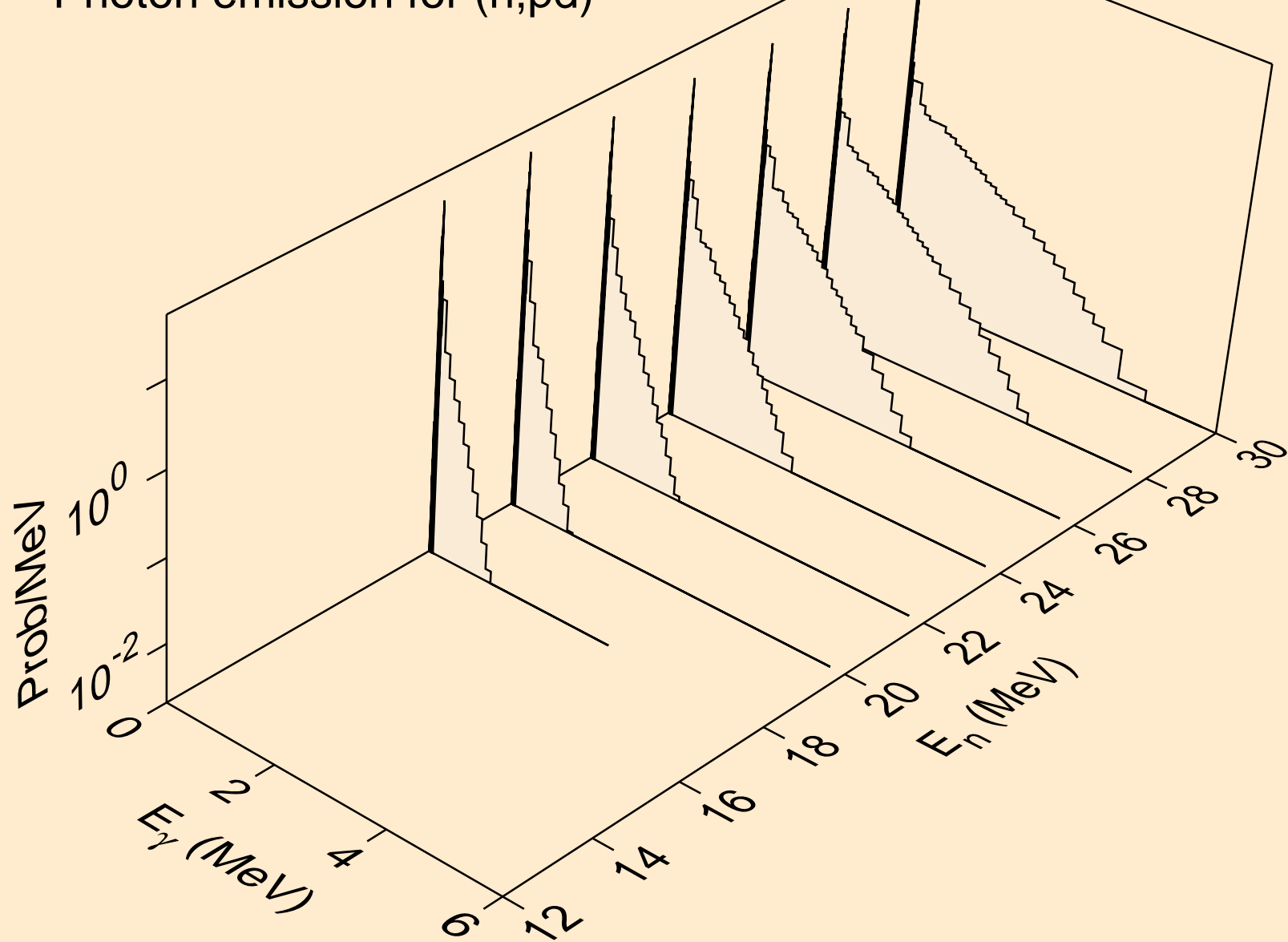
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

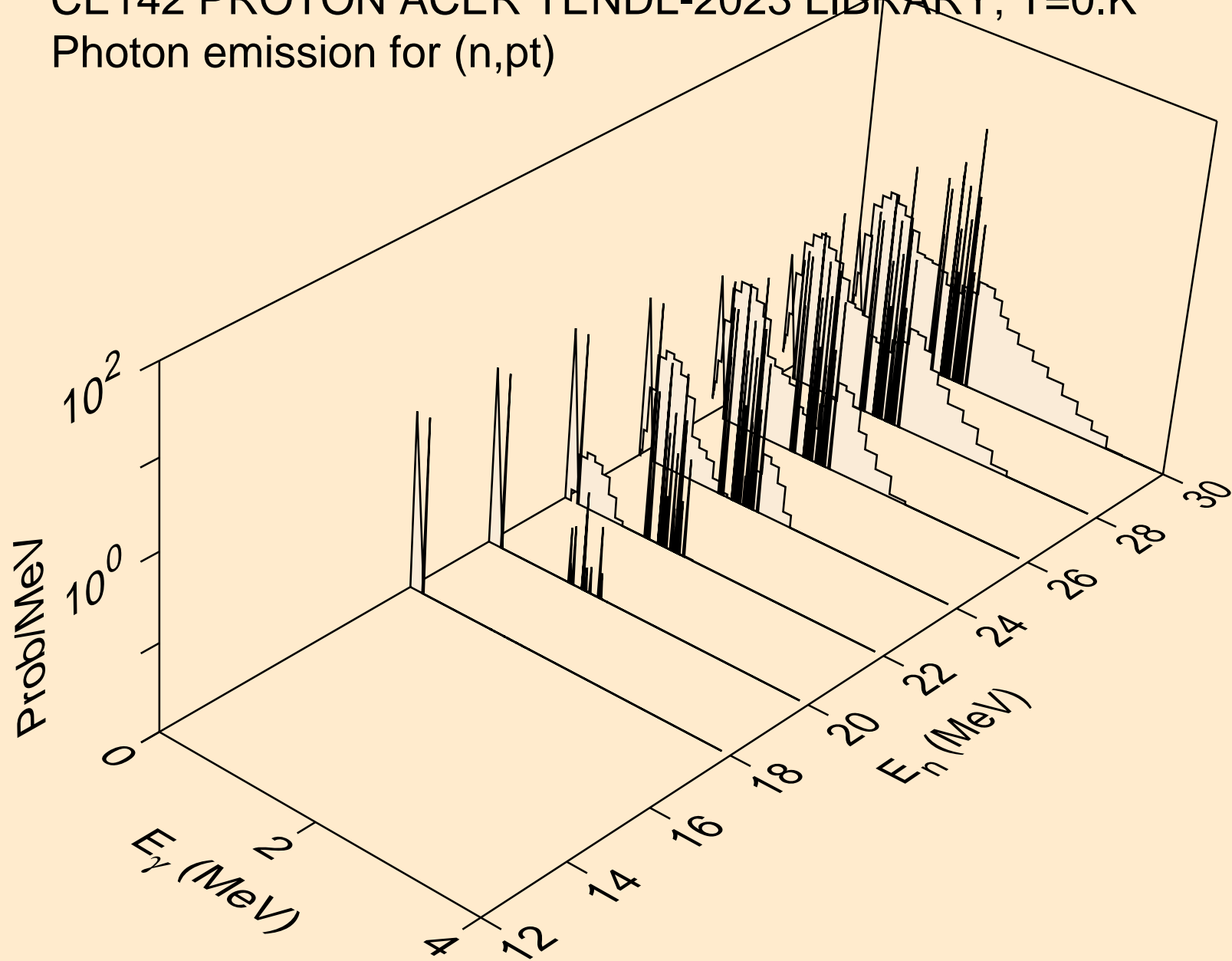


CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

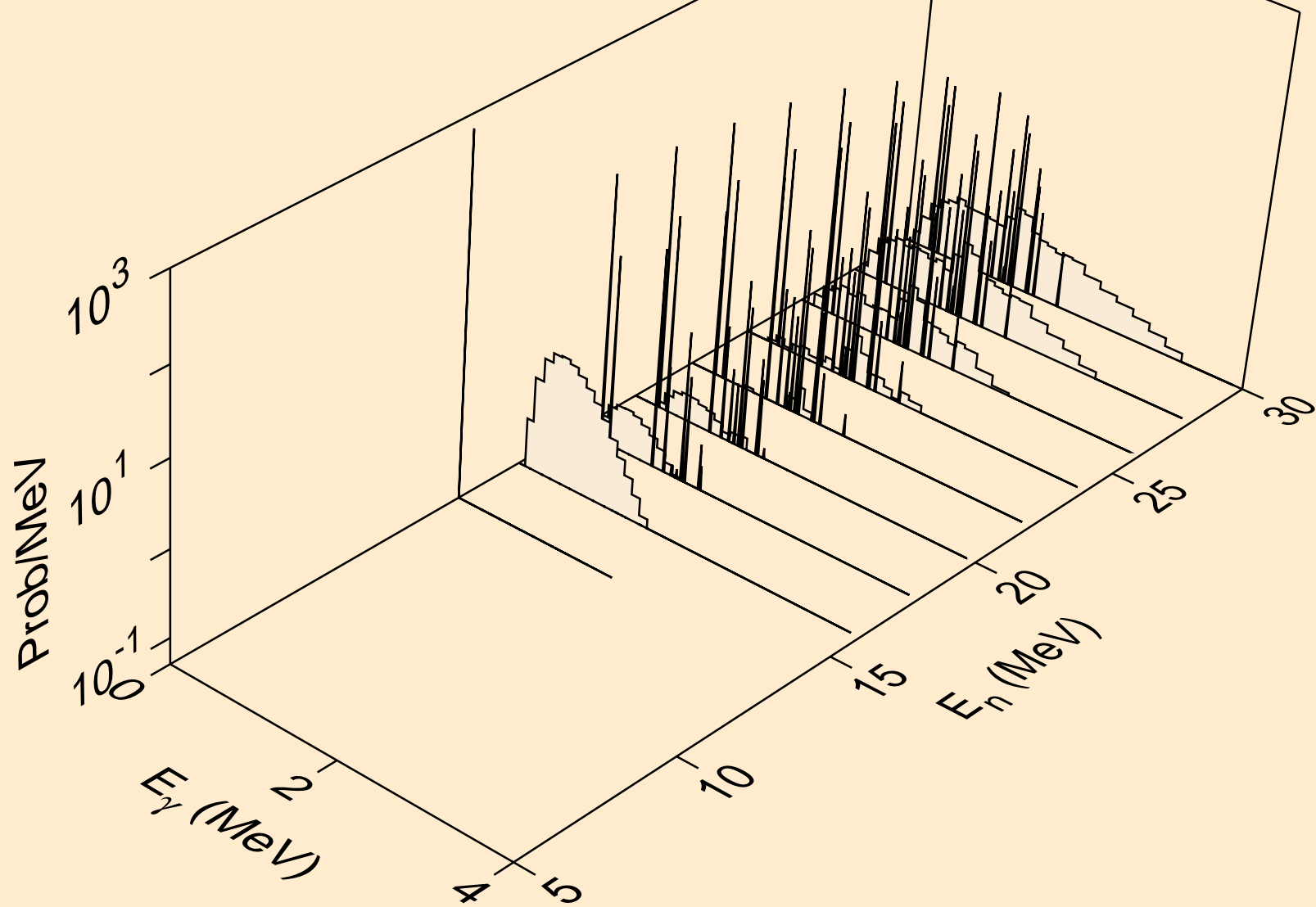




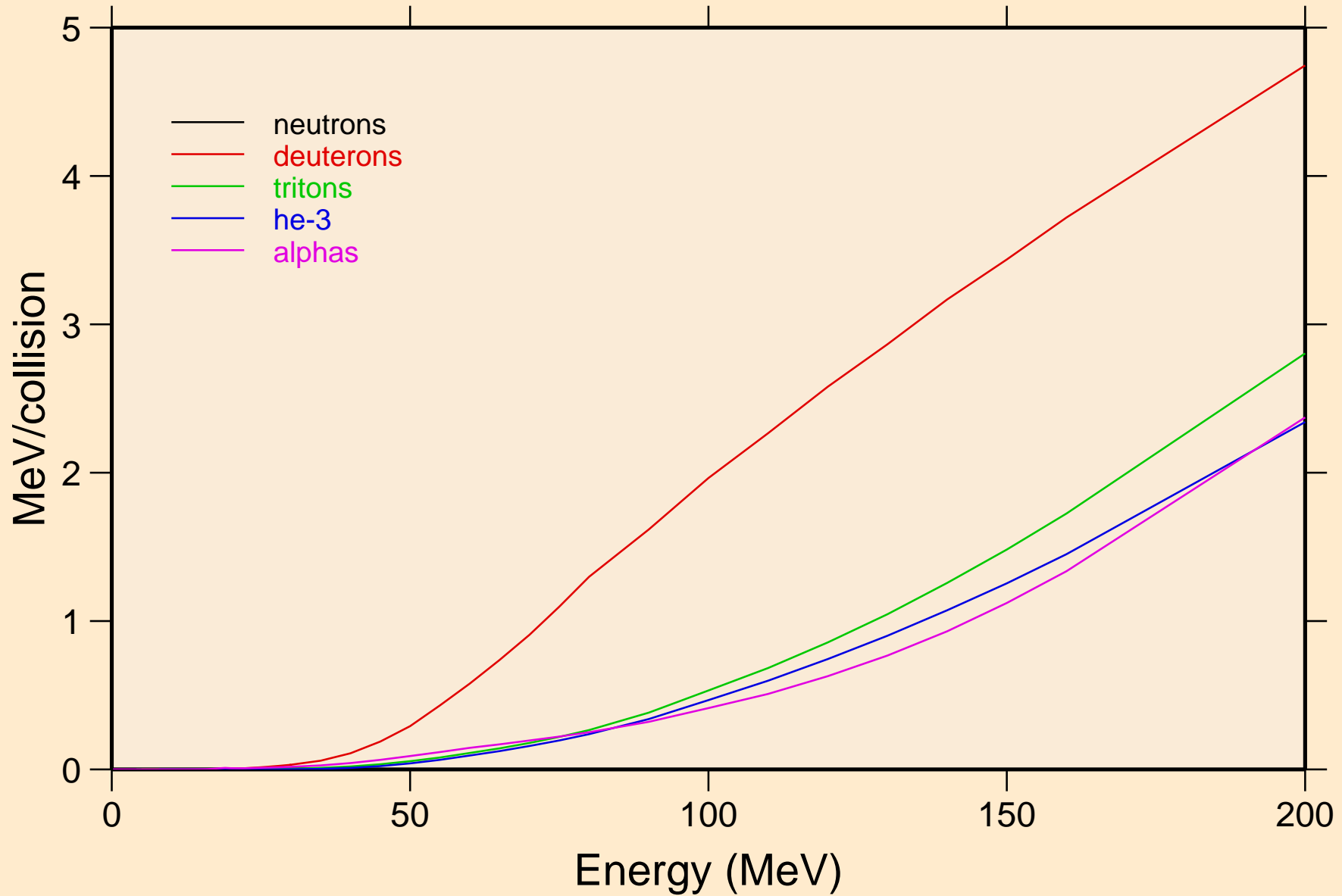
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

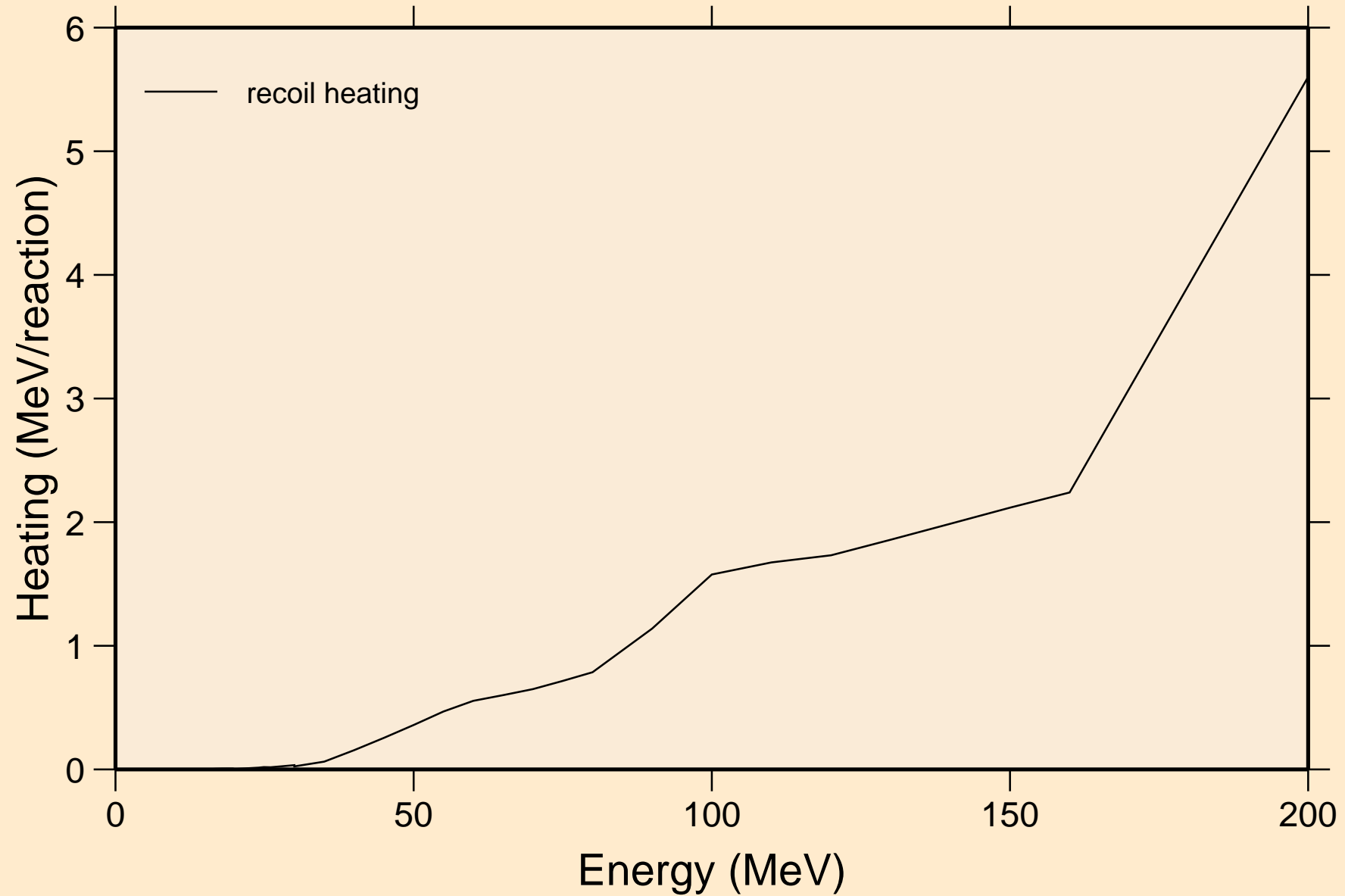


CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

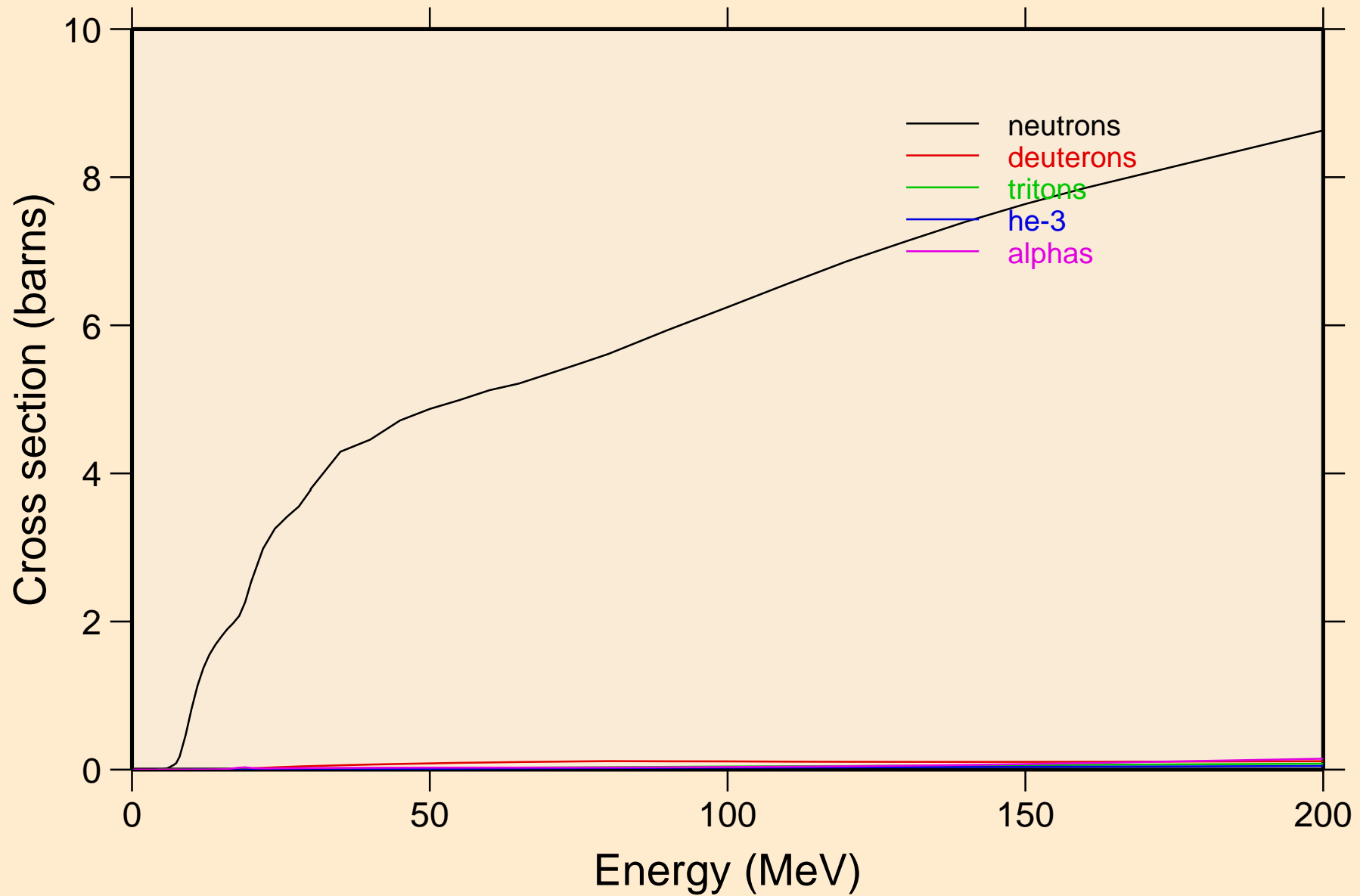


# CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K

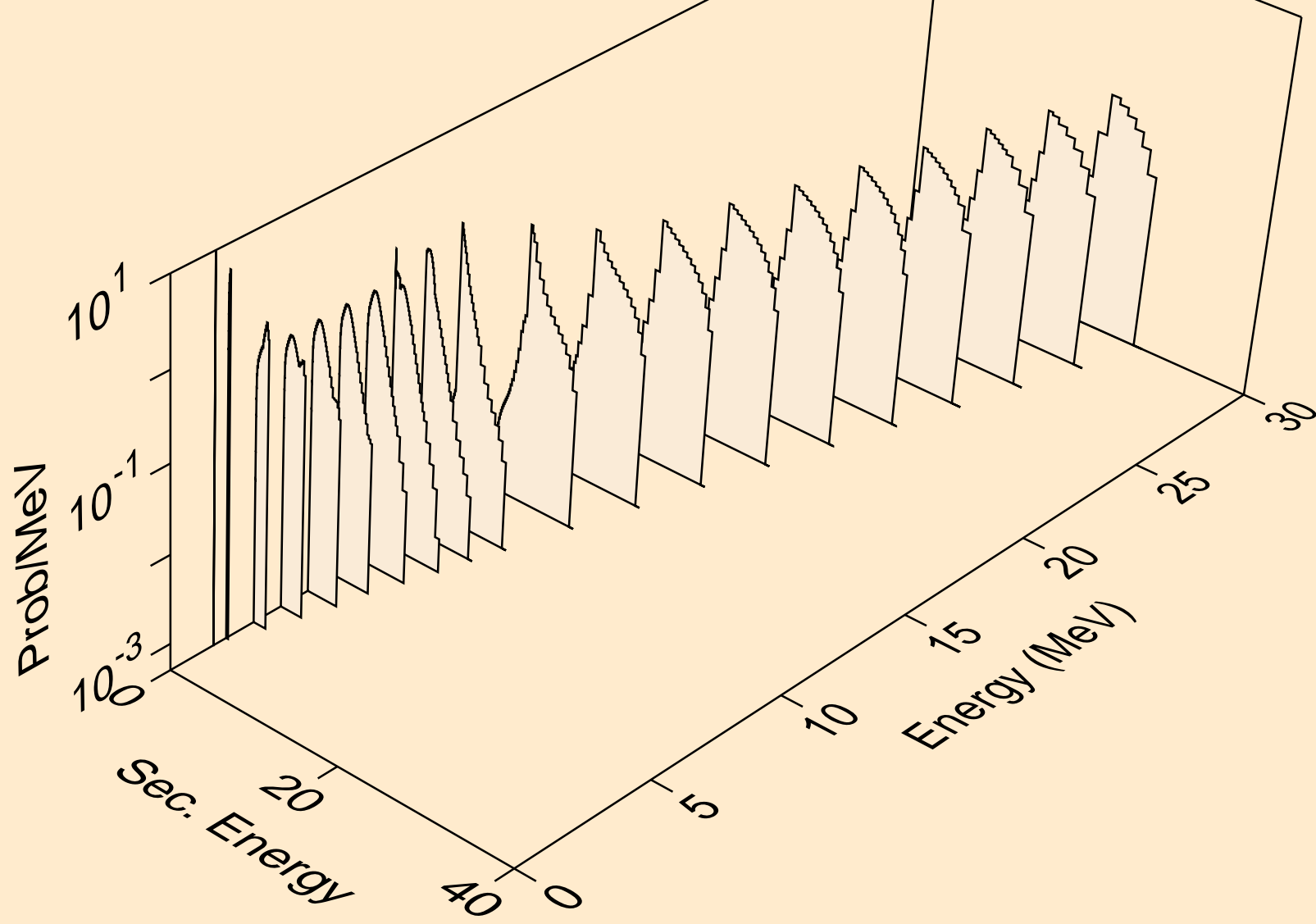
## Recoil Heating



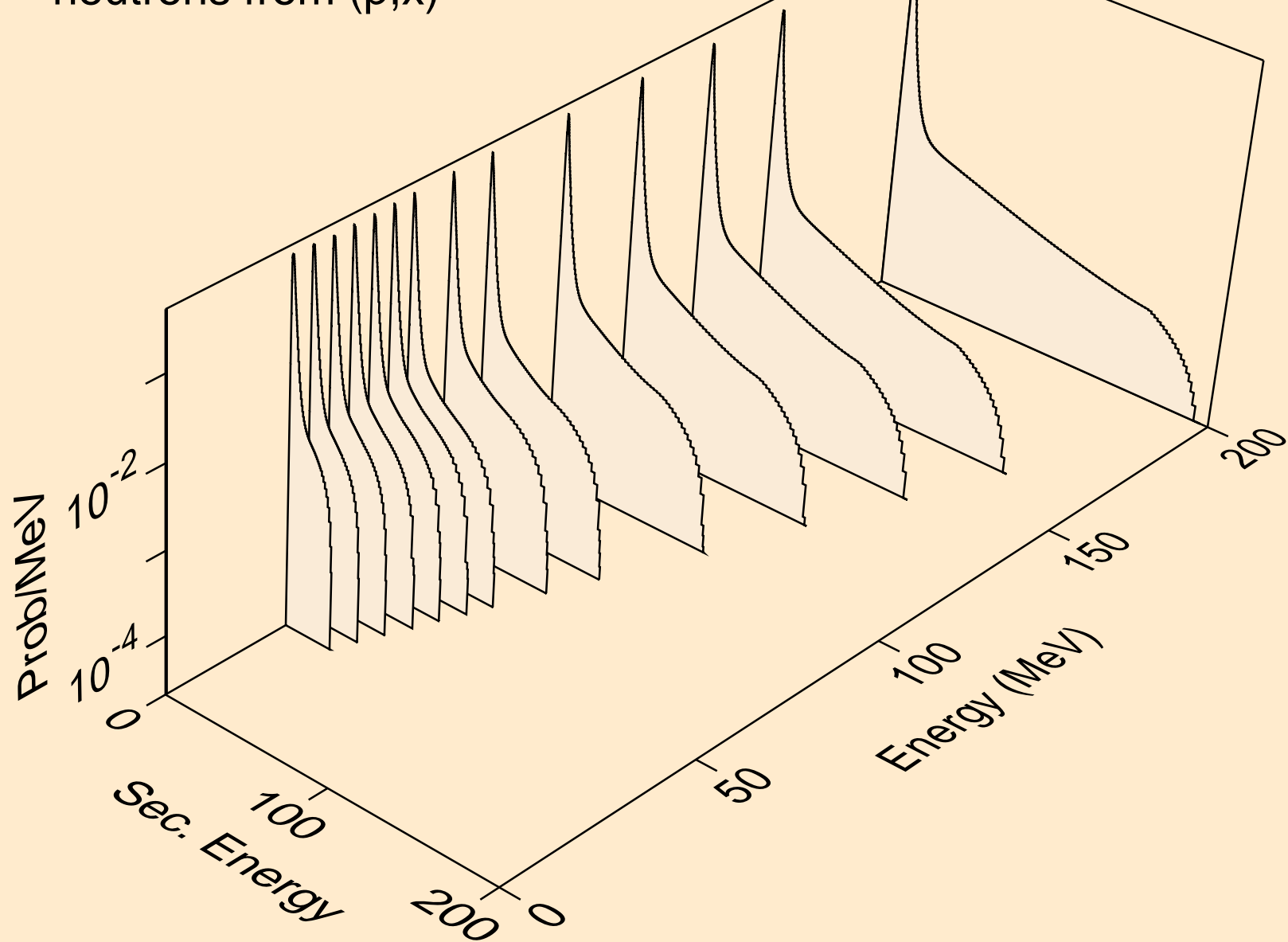
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



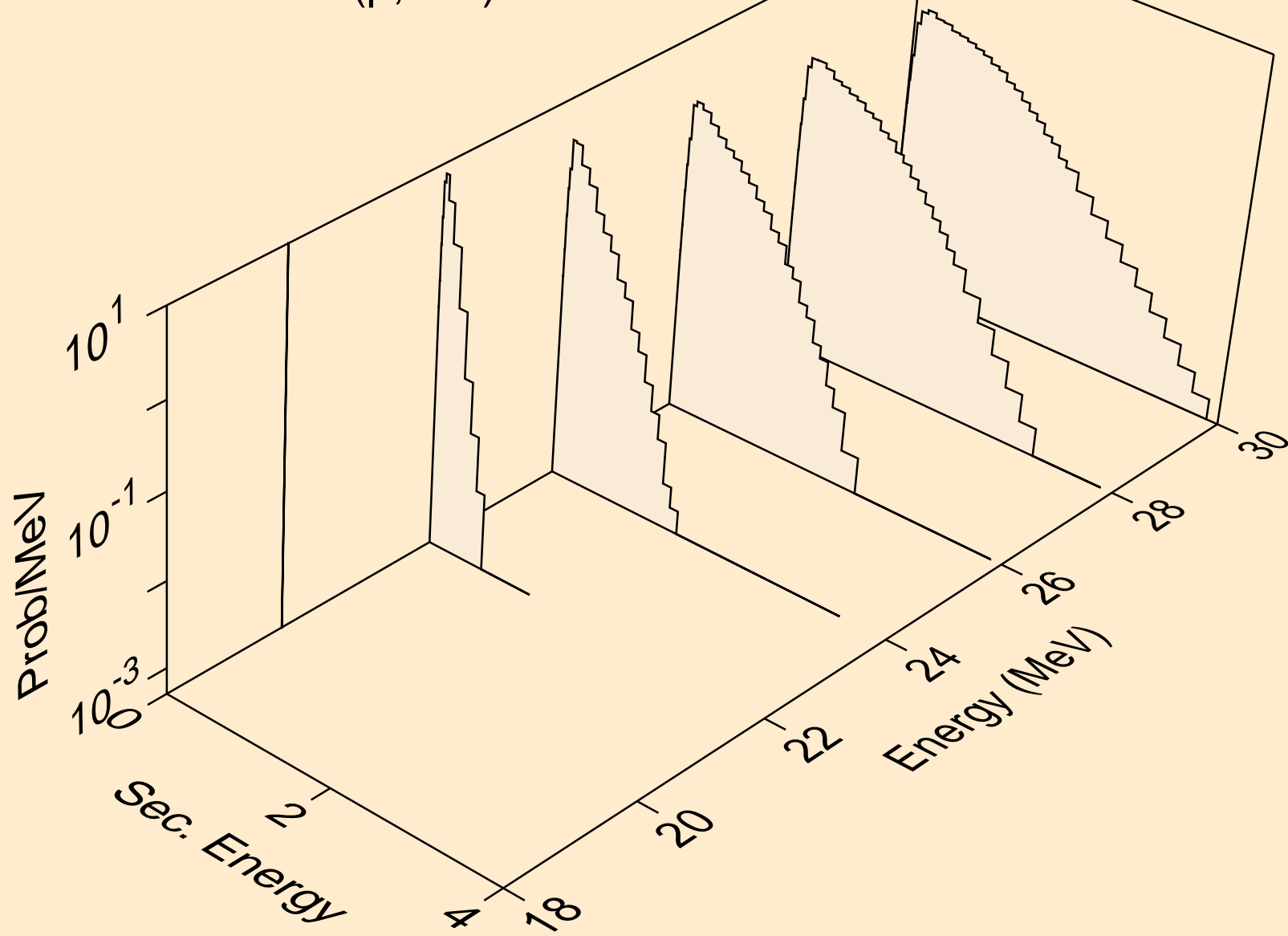
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

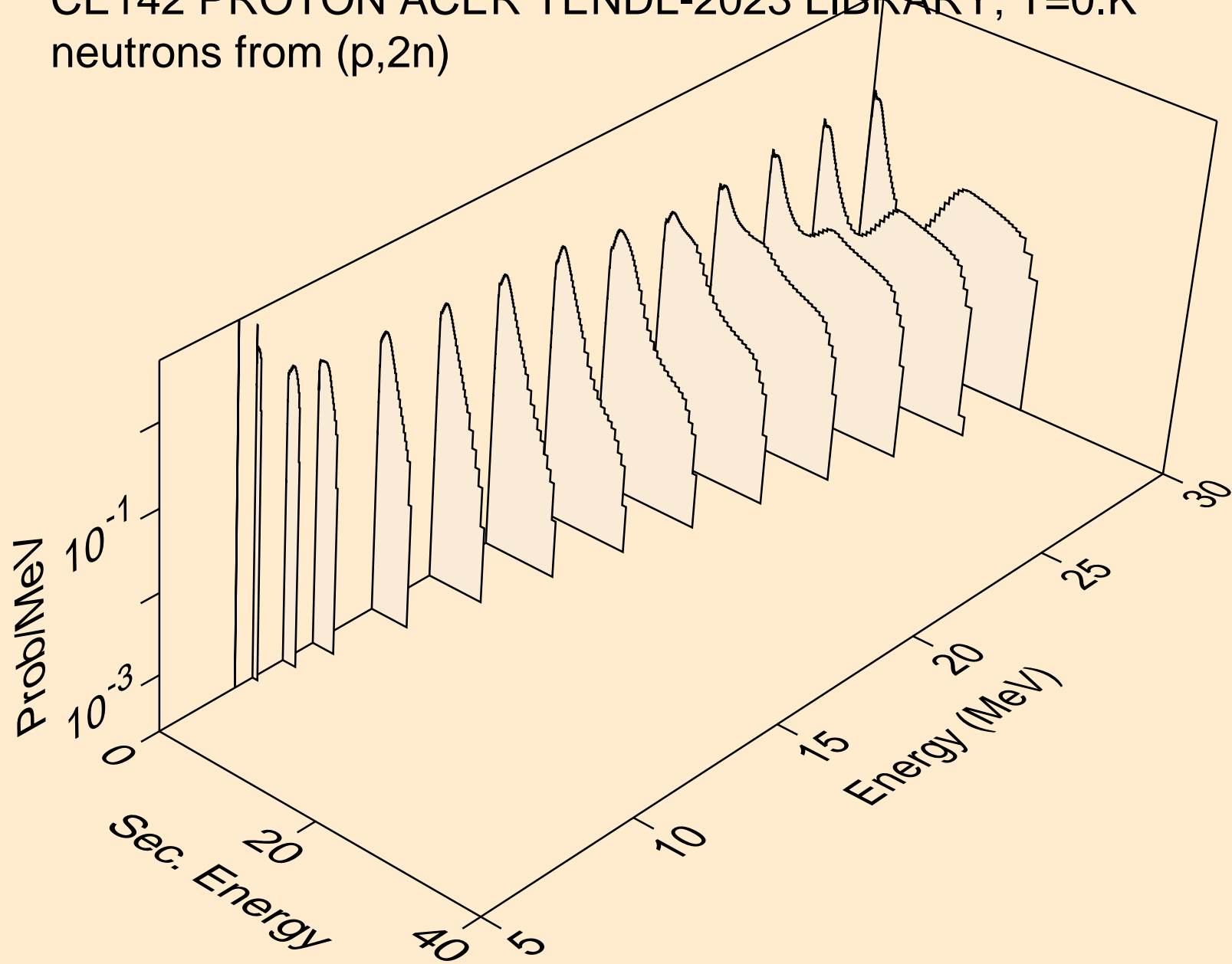


CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

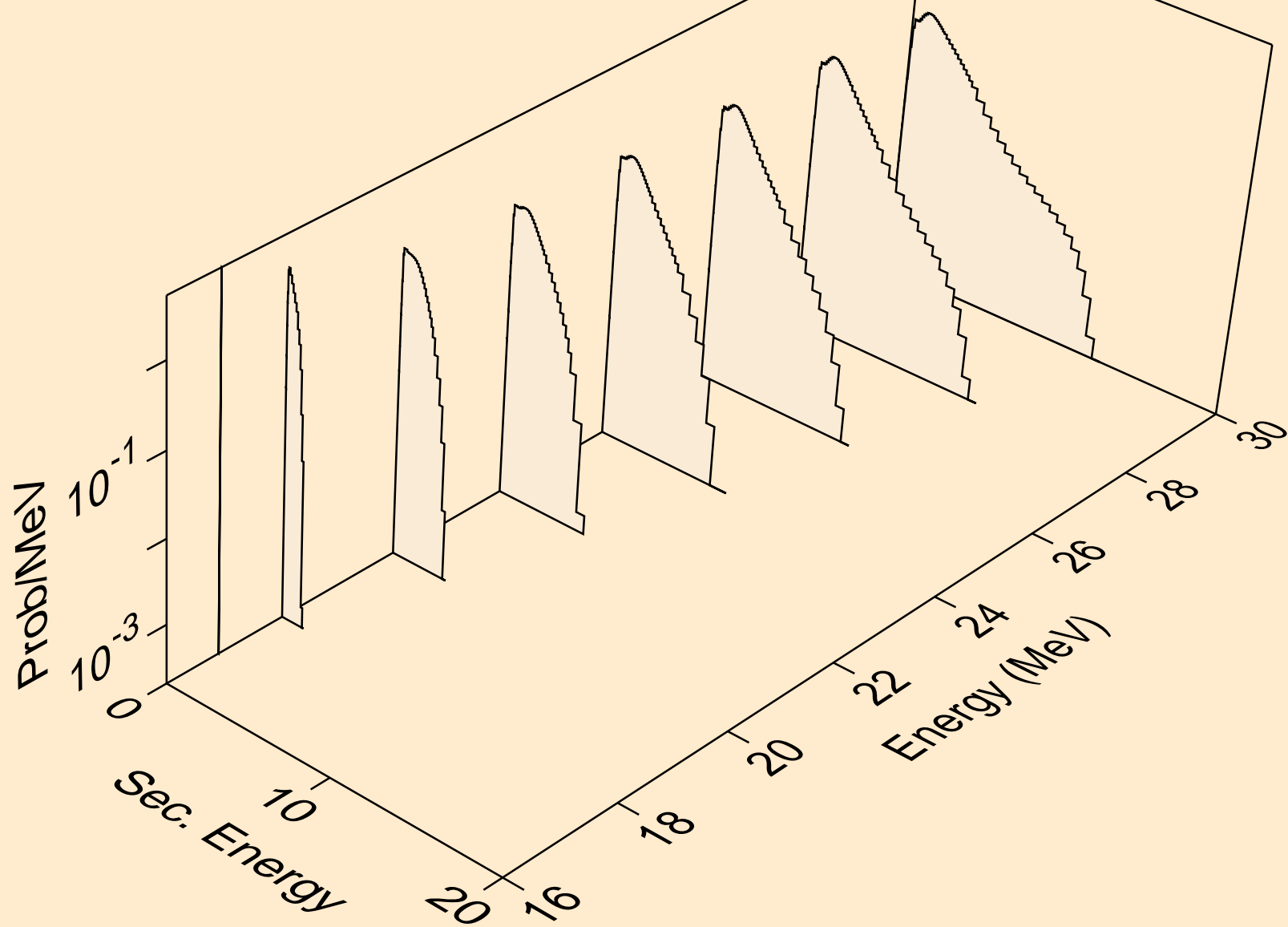




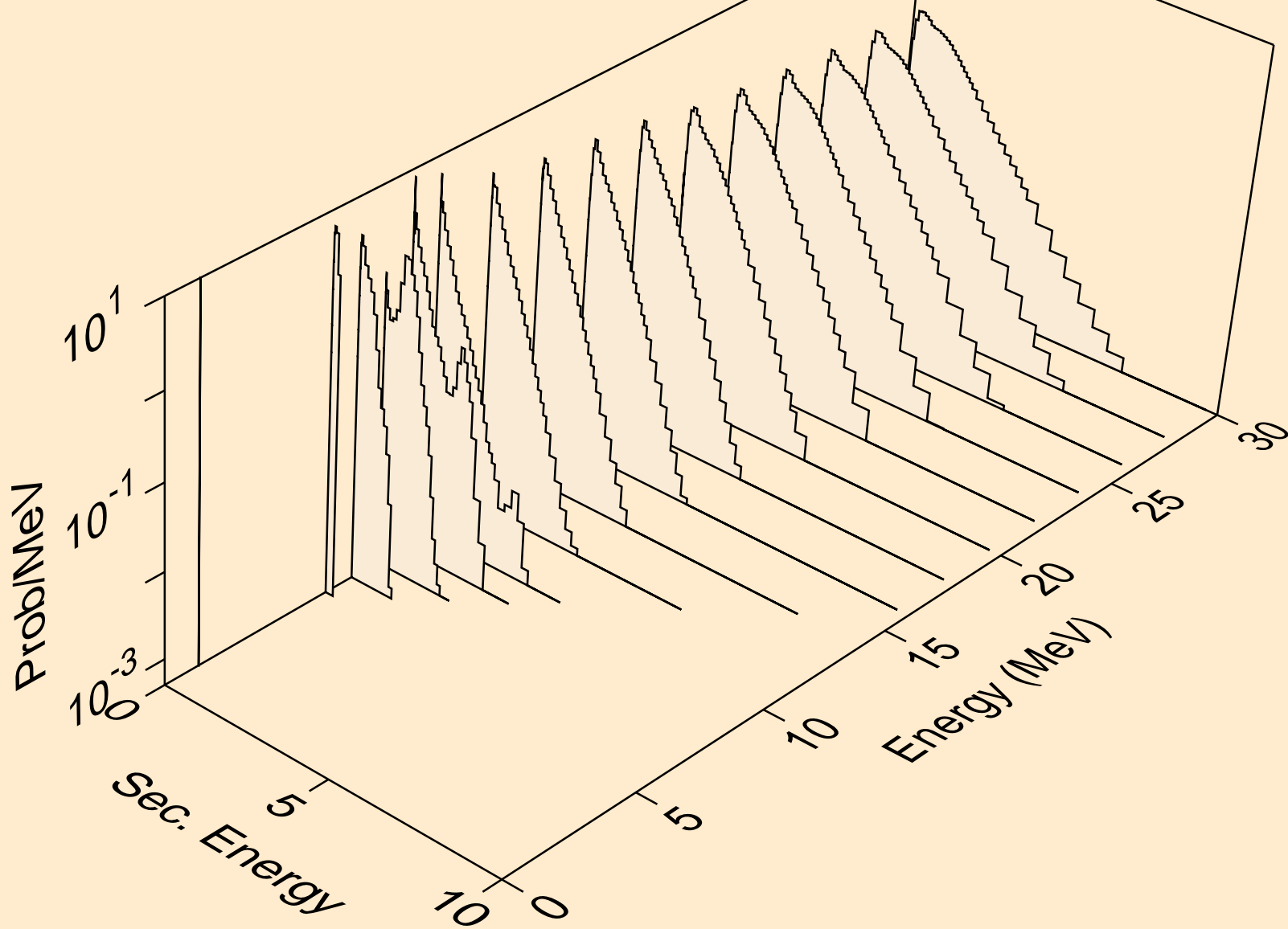
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



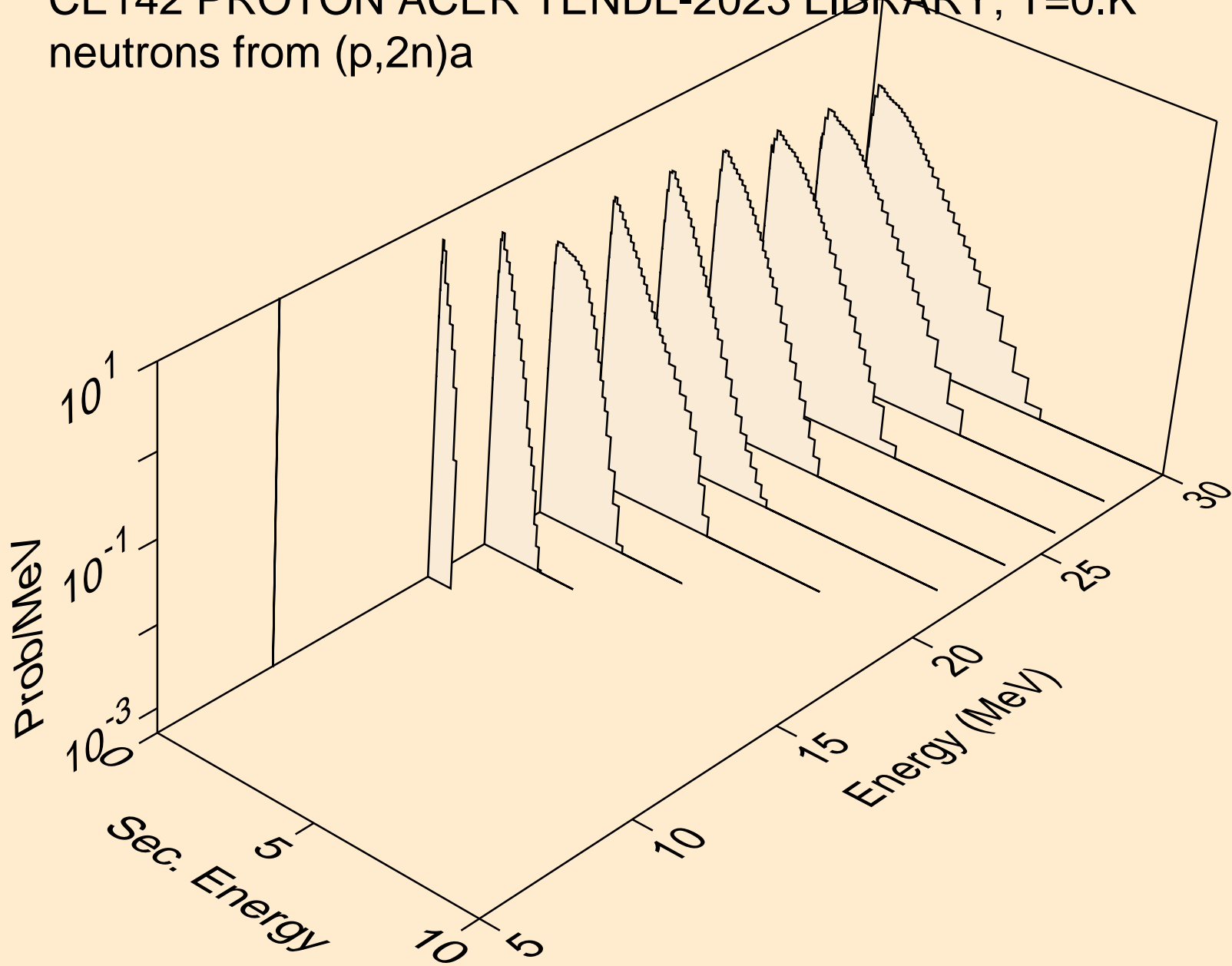
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



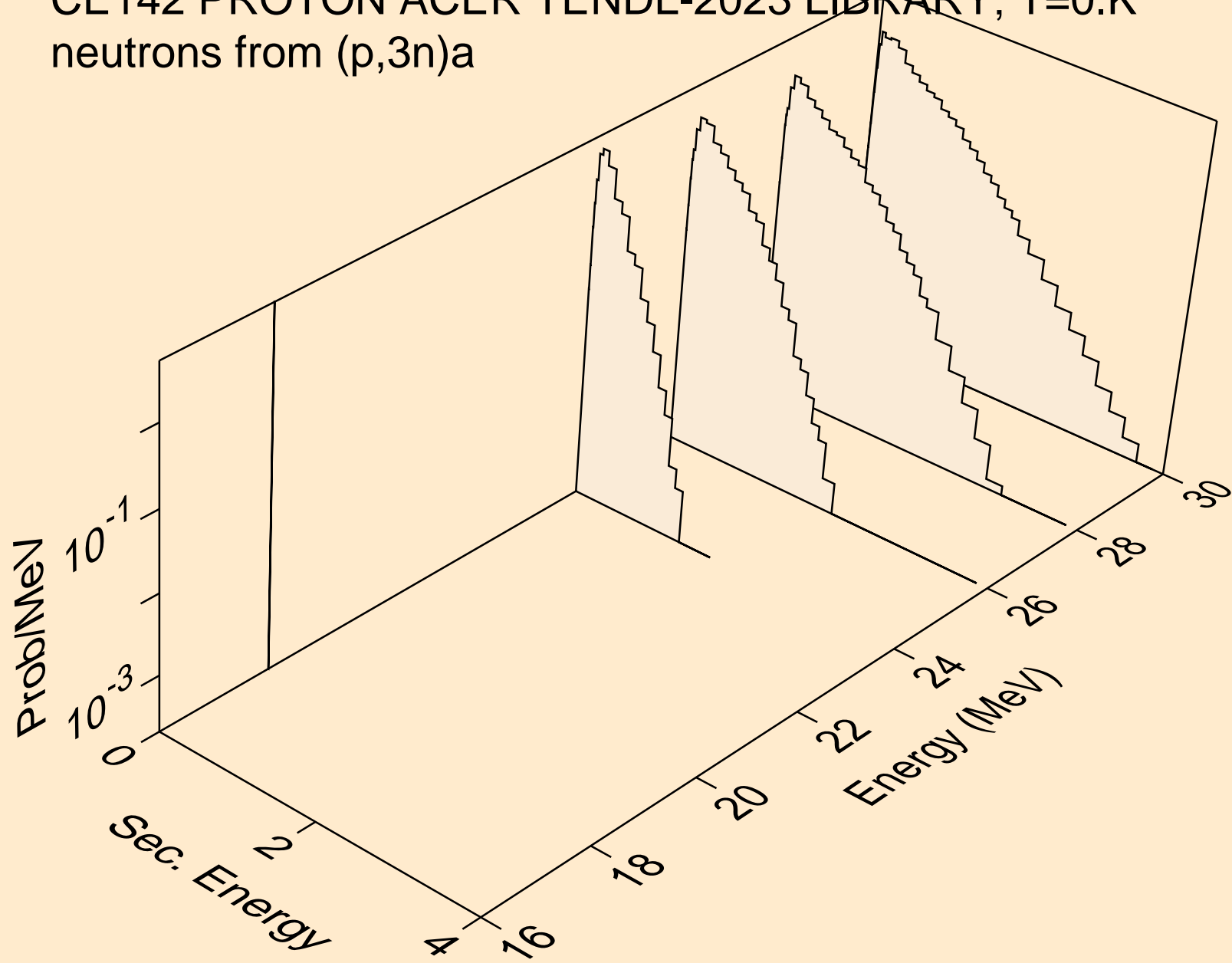
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



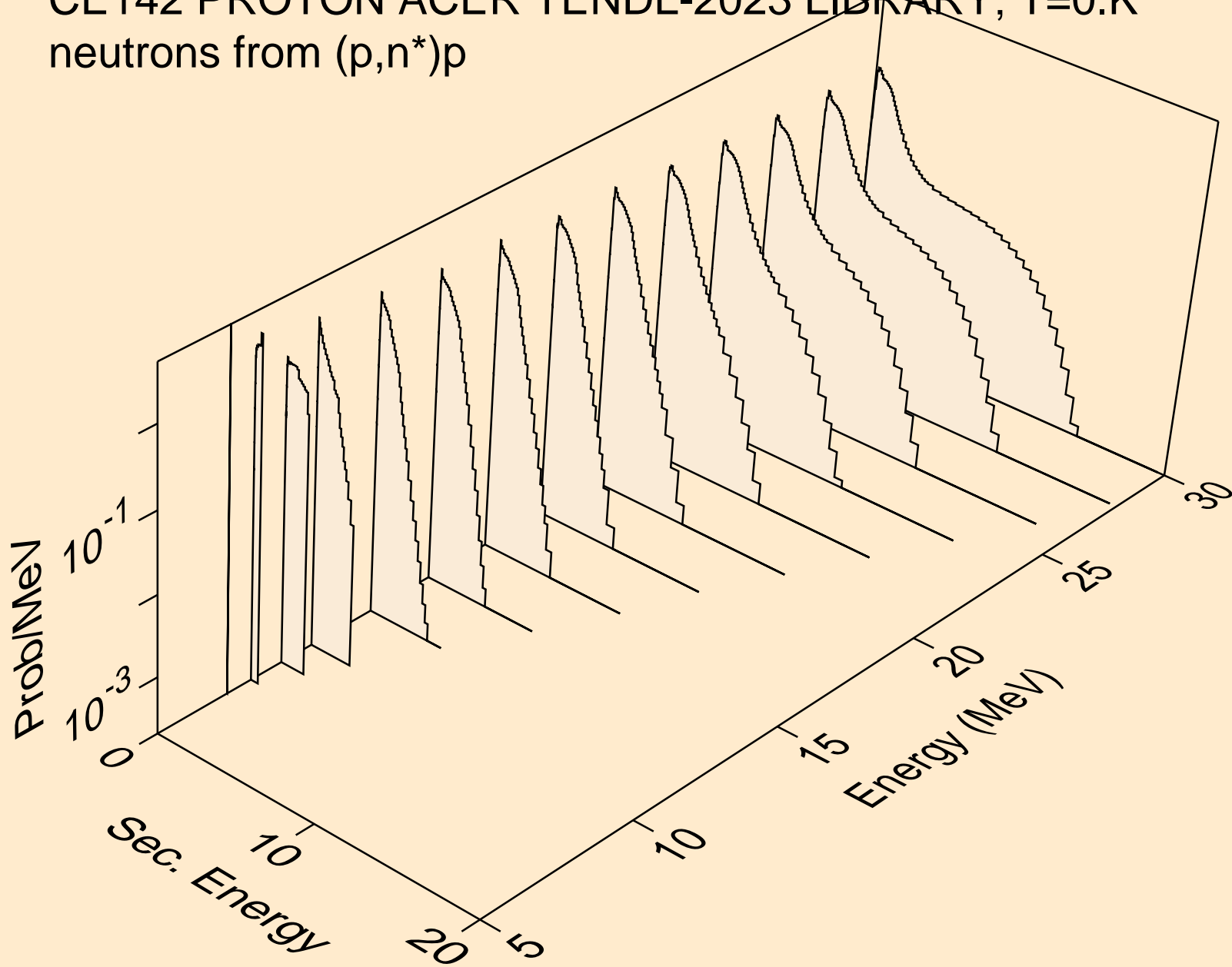
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



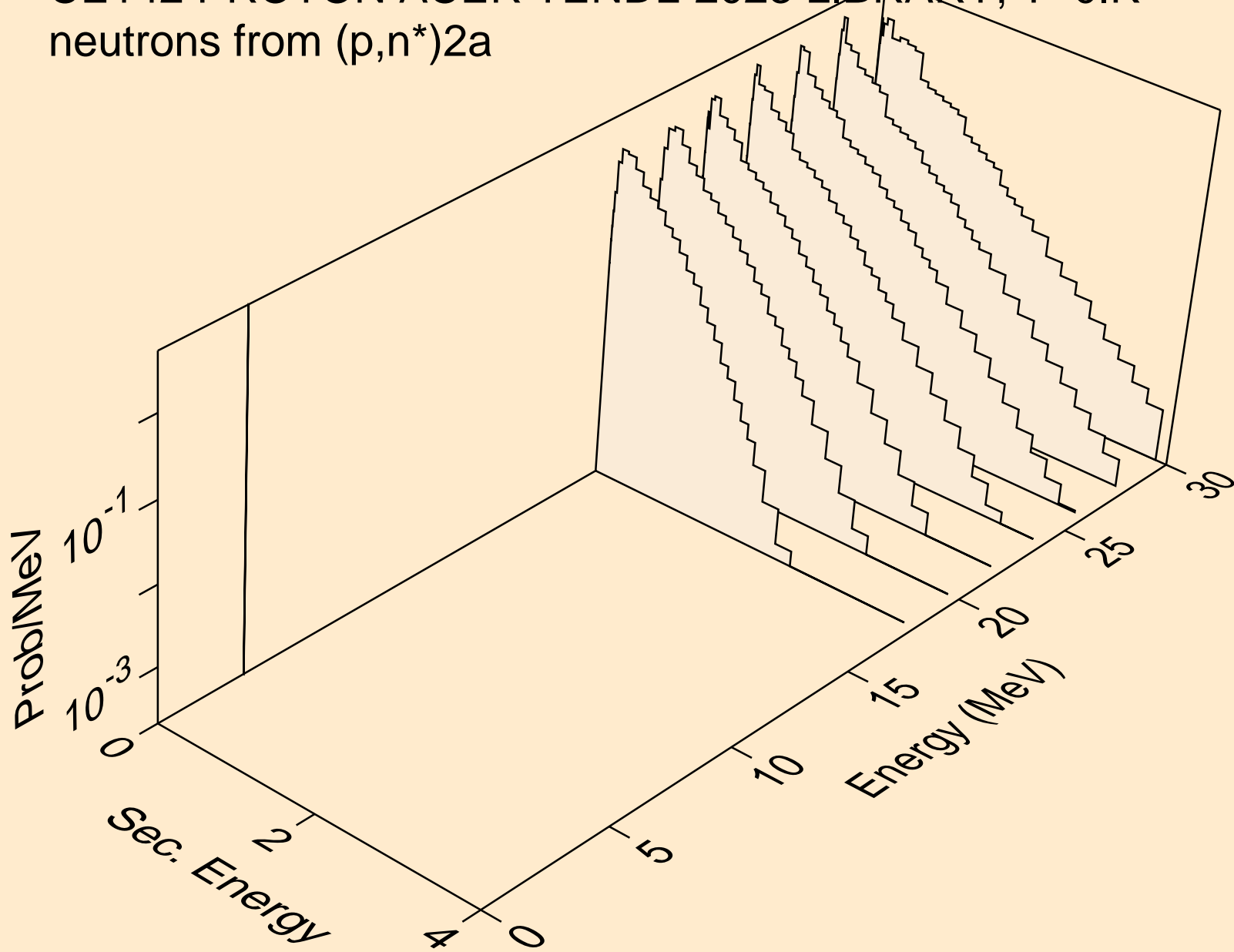
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



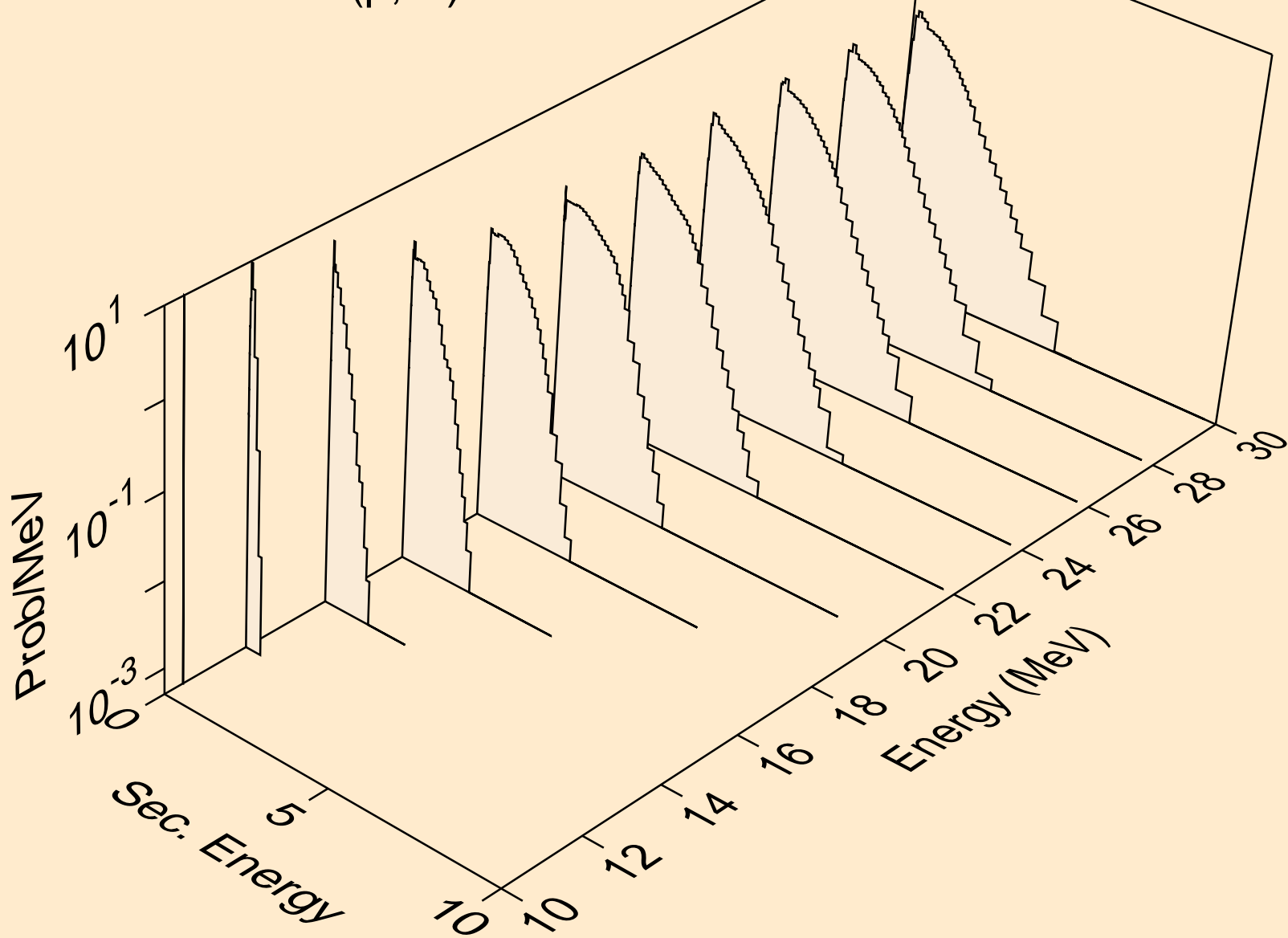
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

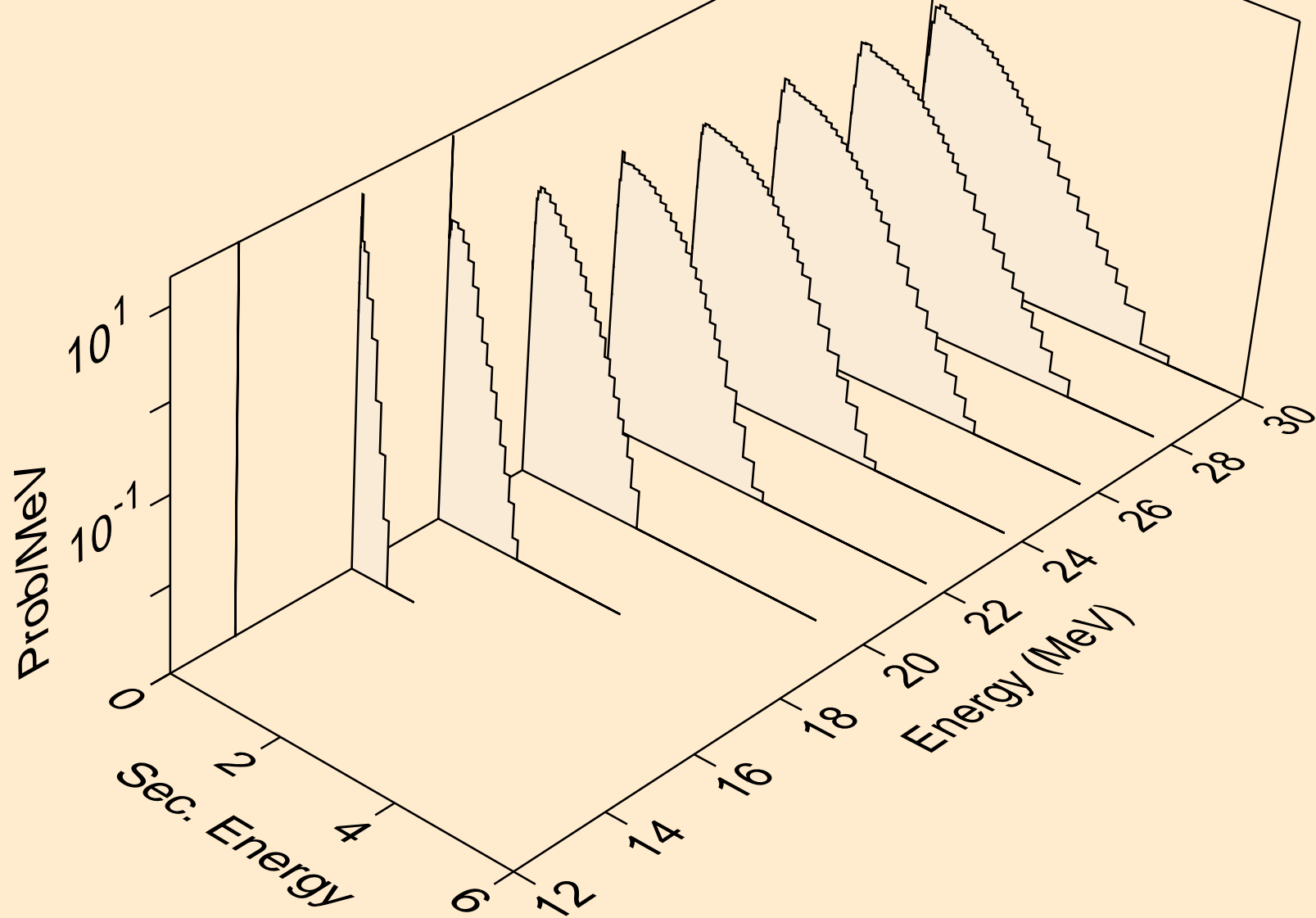


CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

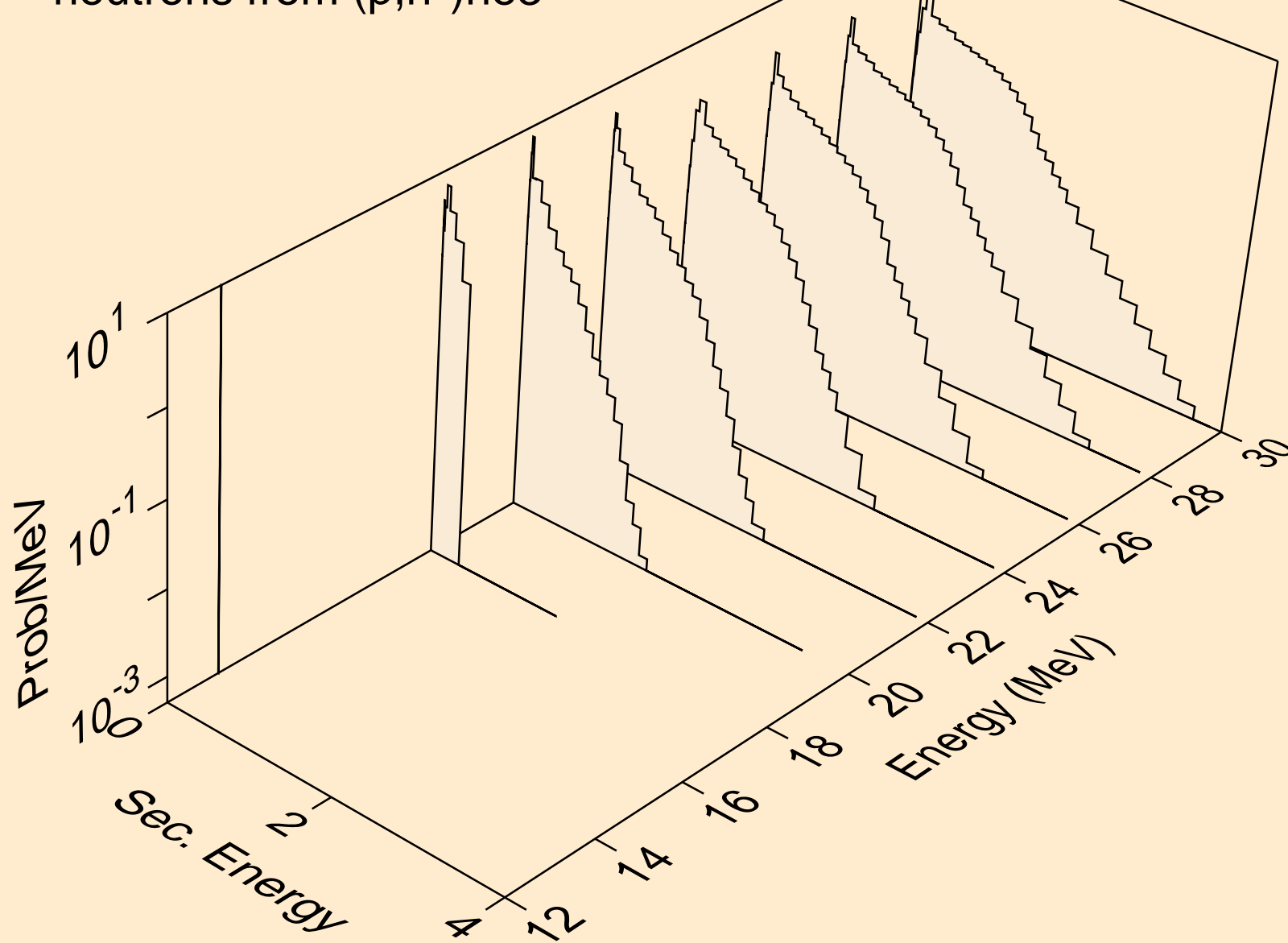




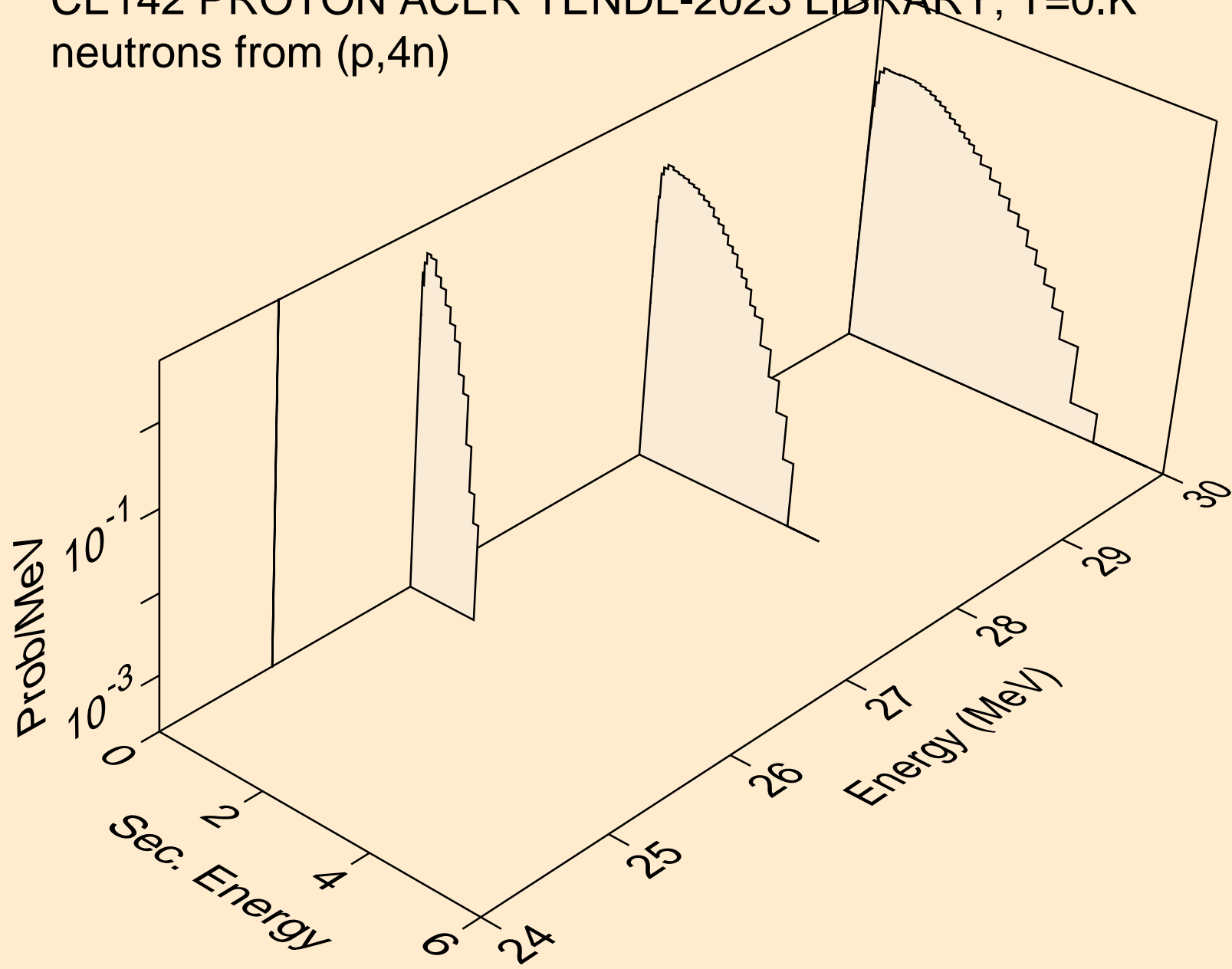
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



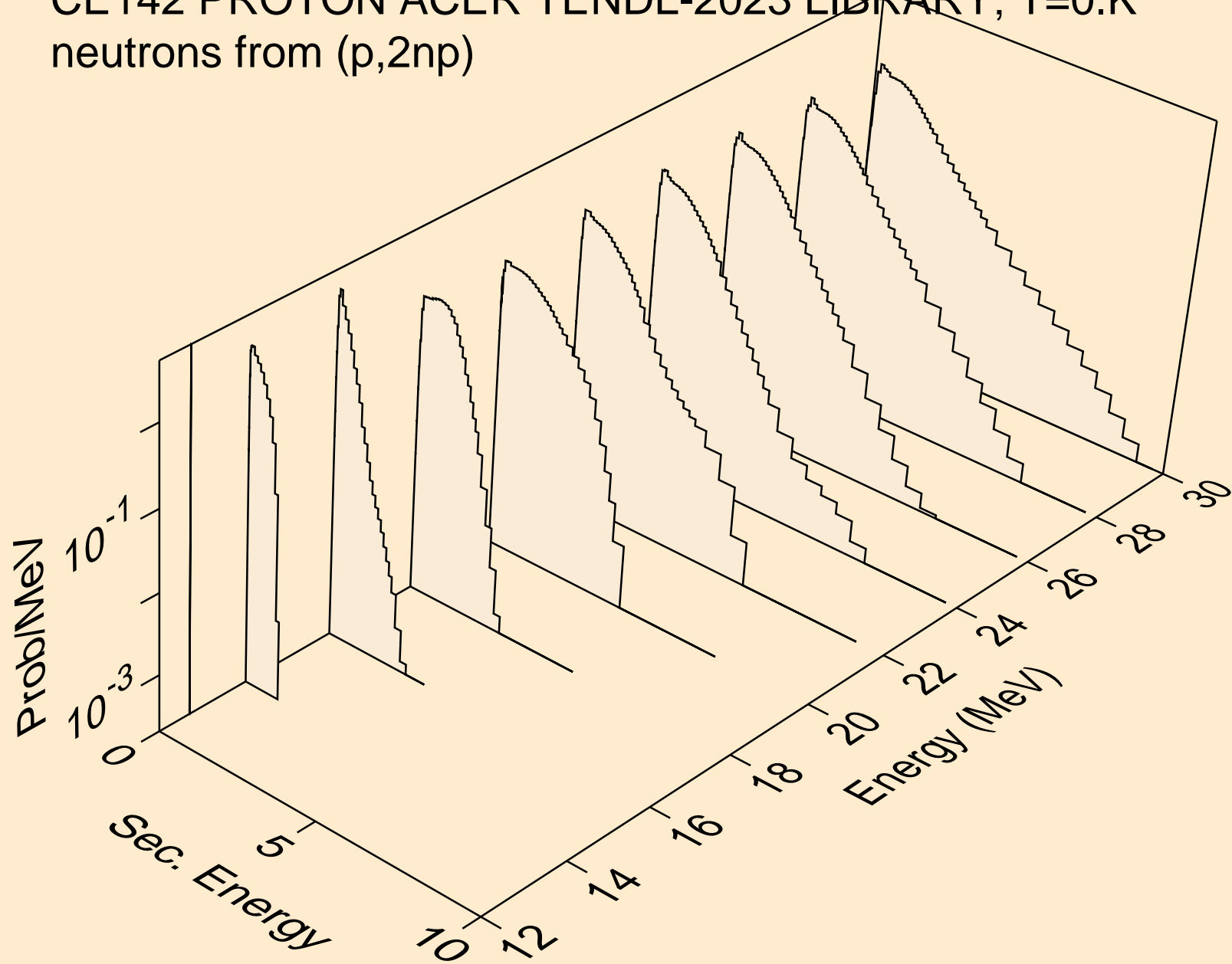
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



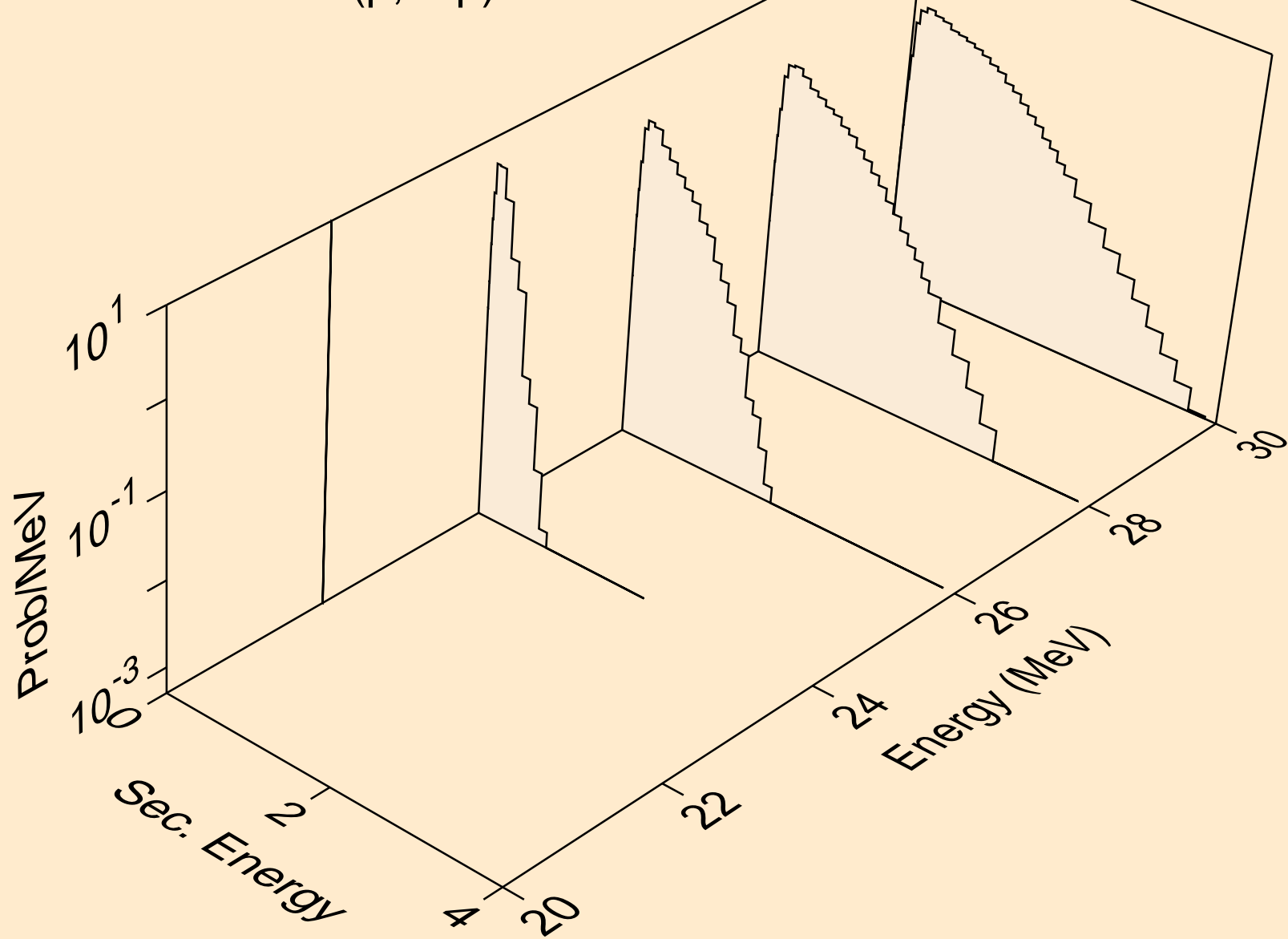
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



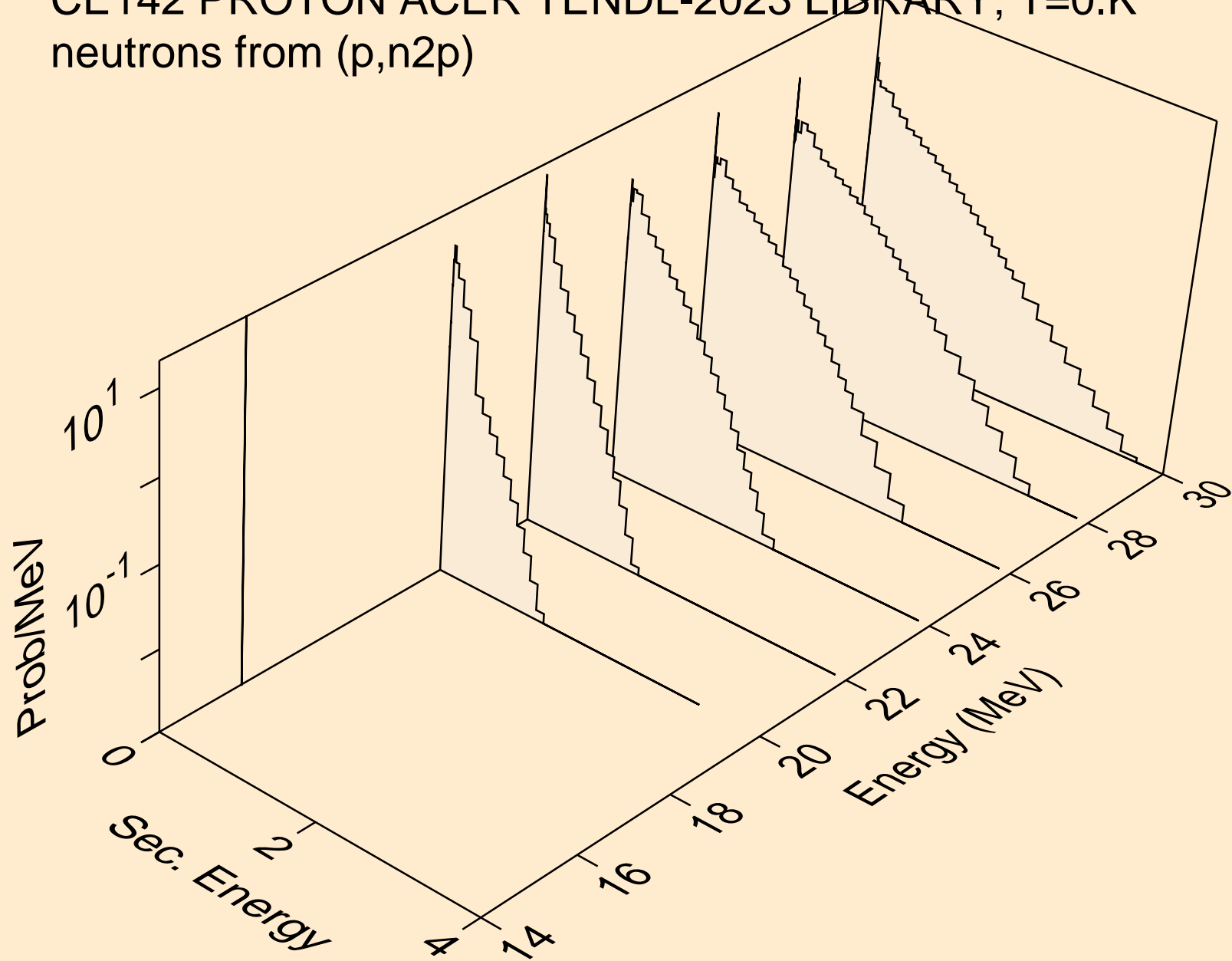
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



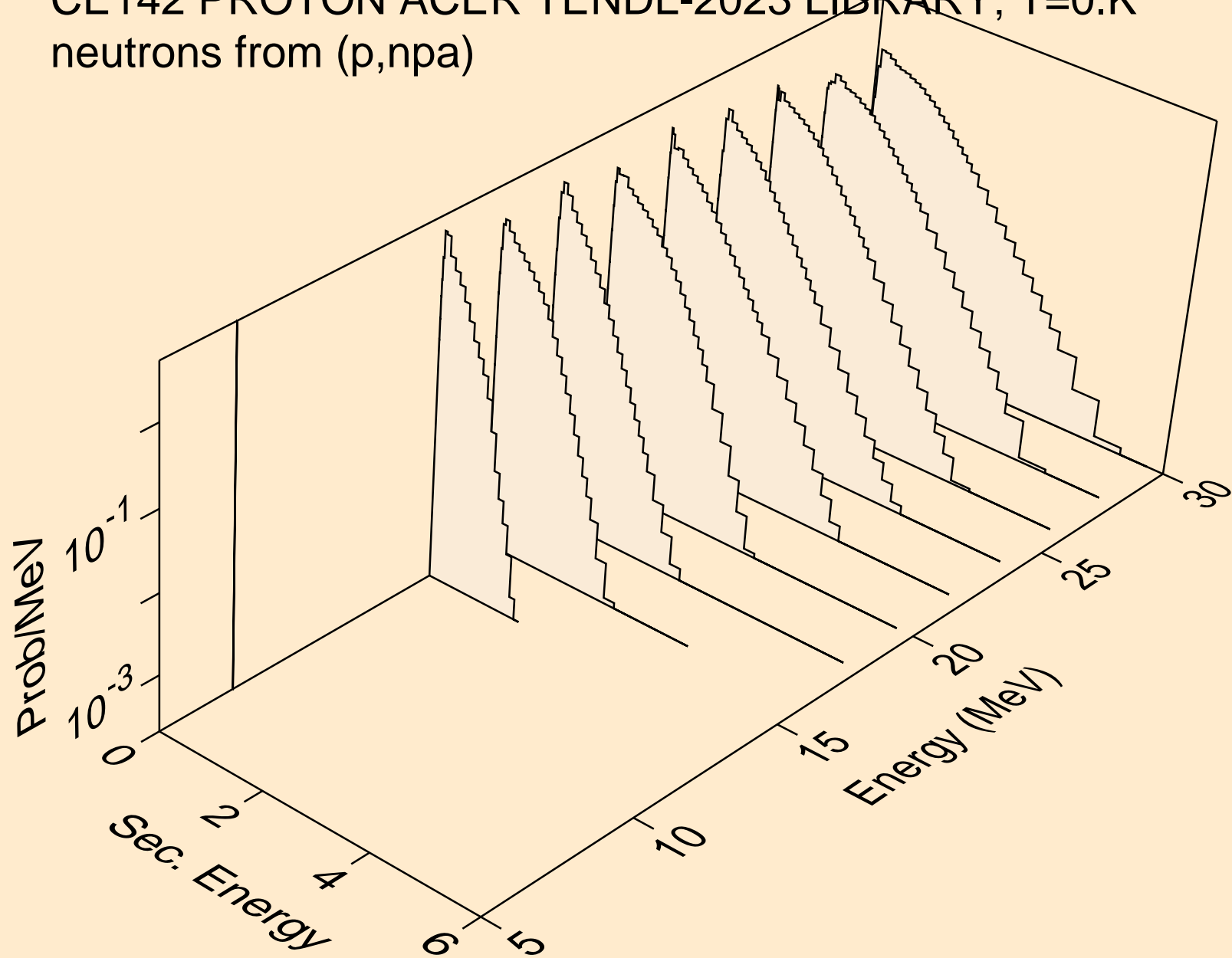
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



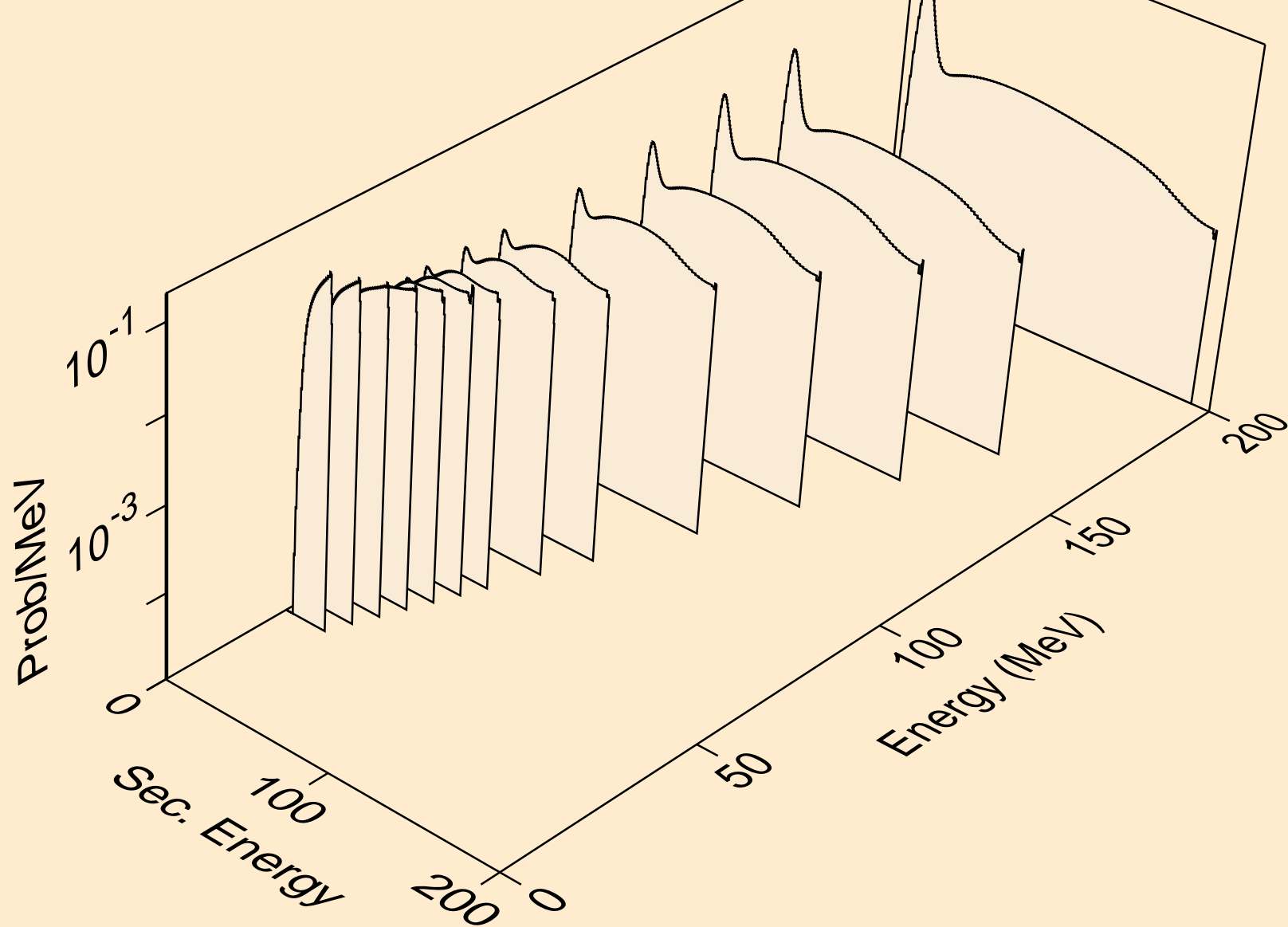
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)

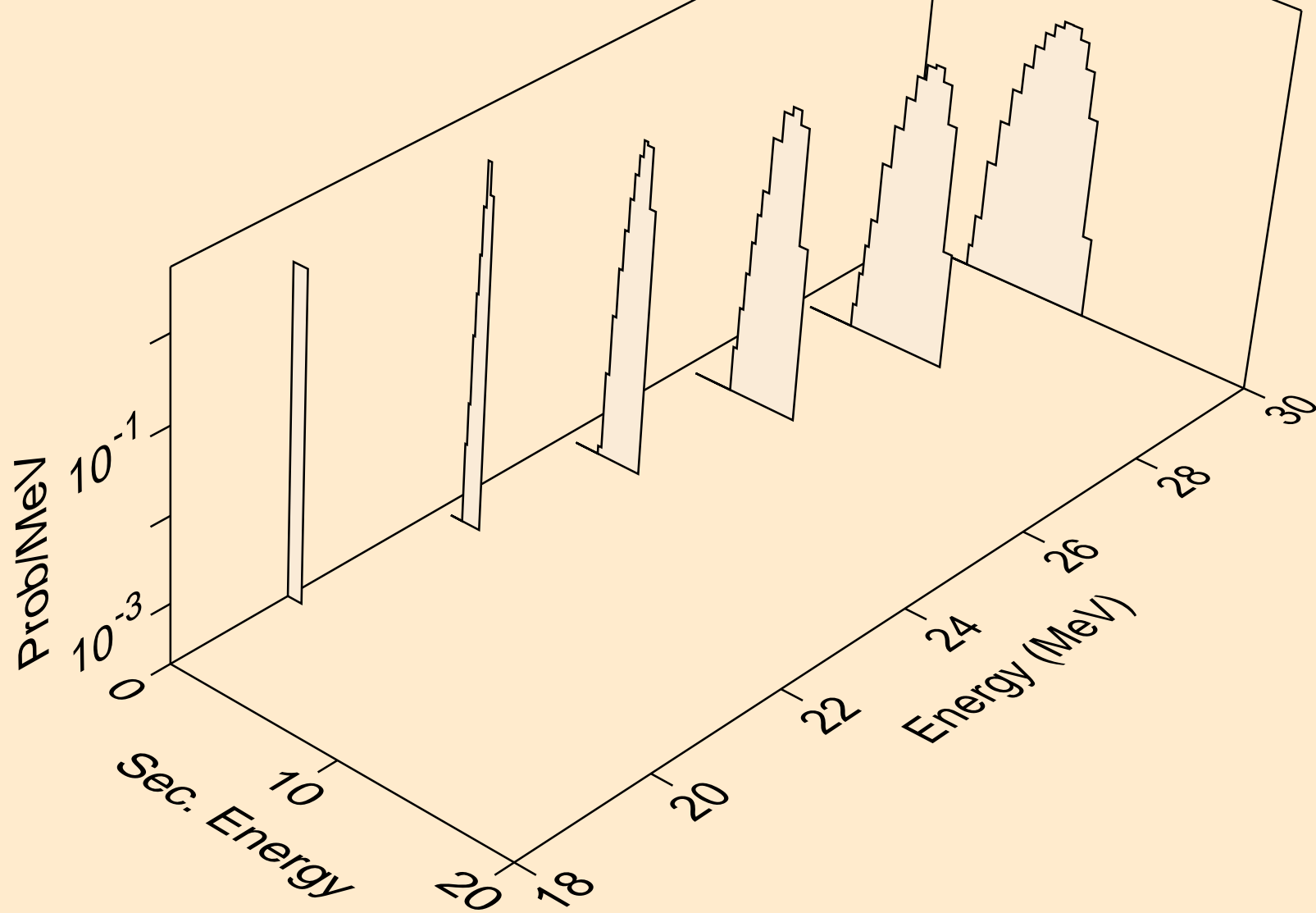


CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

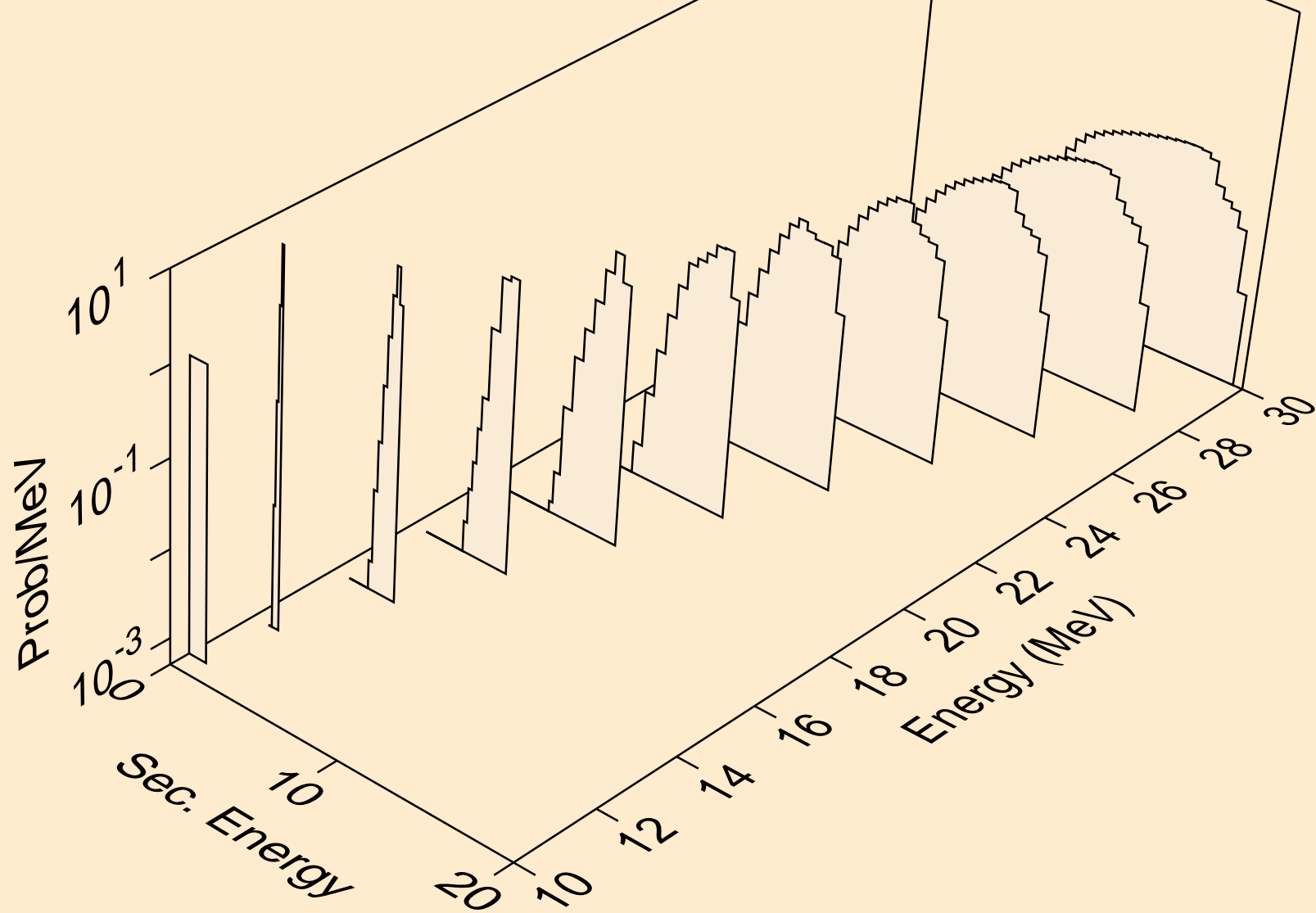




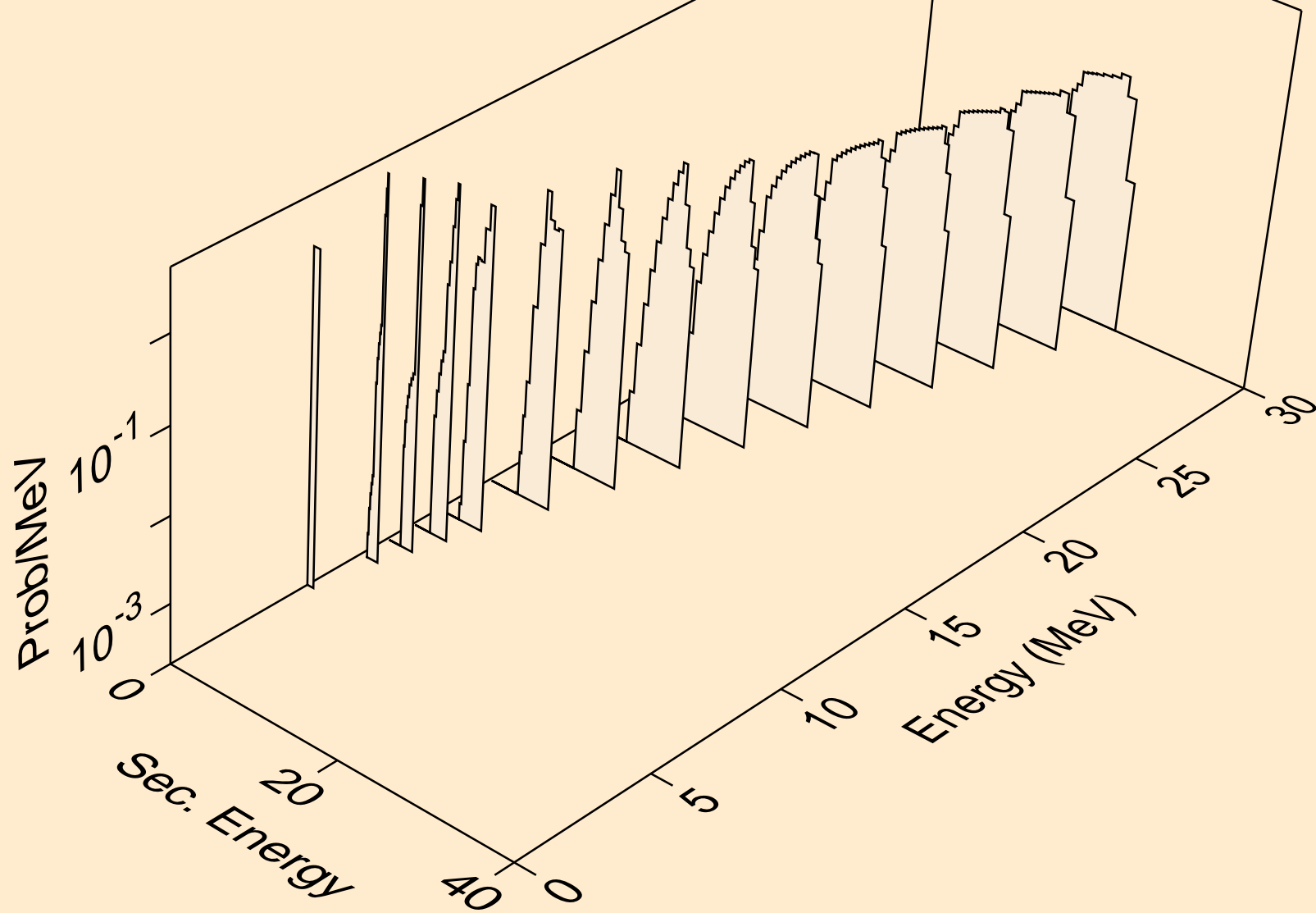
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



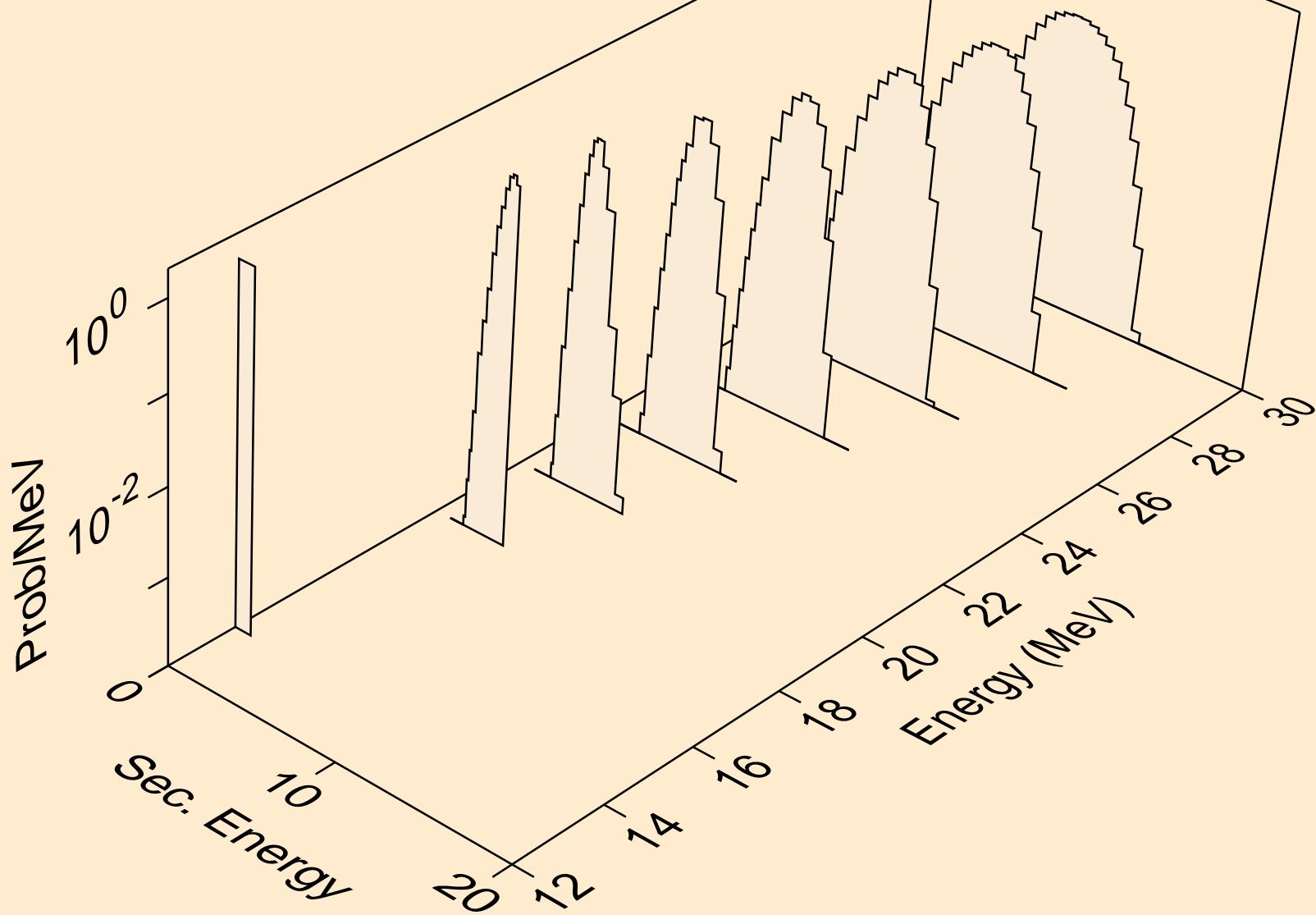
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



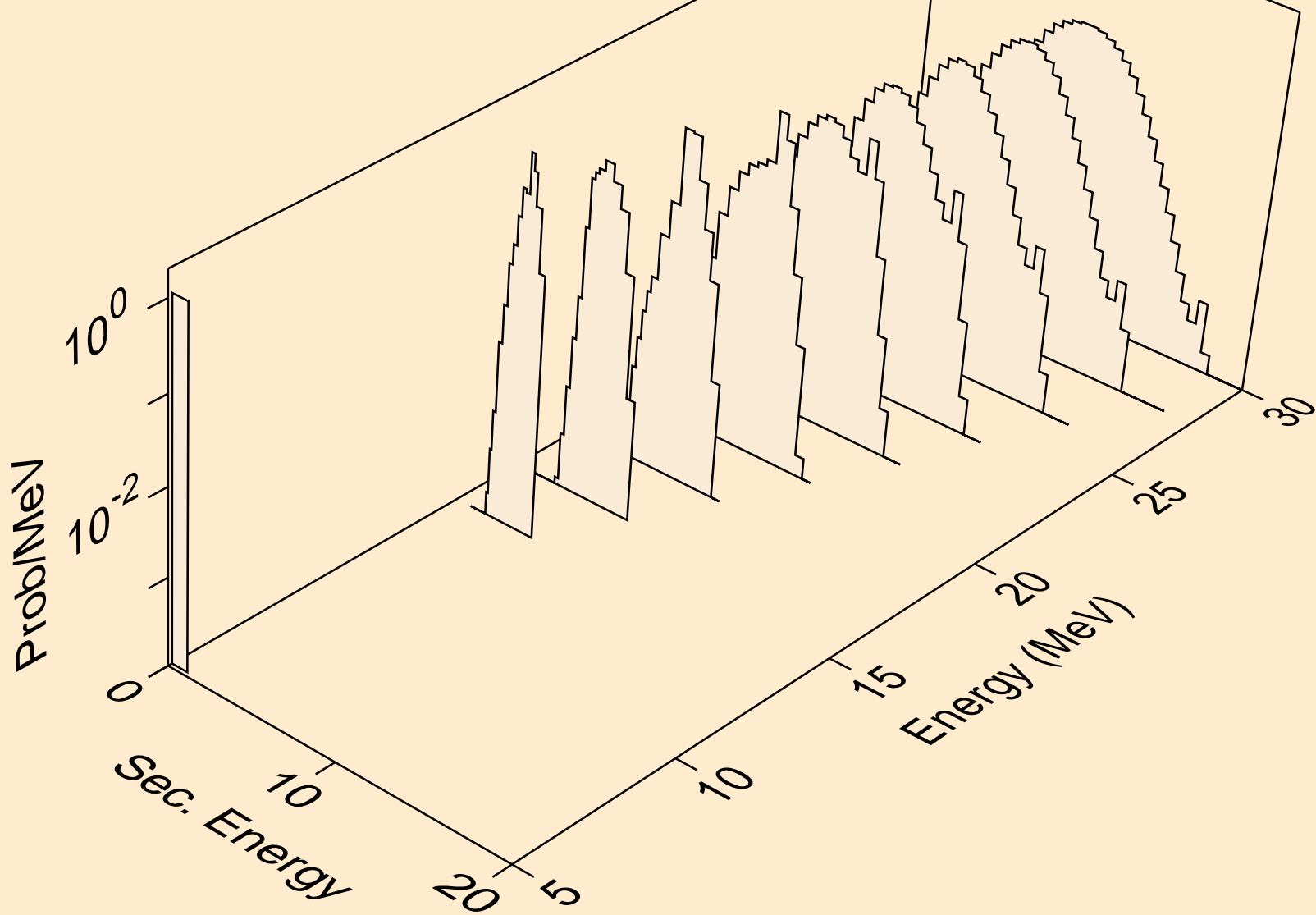
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



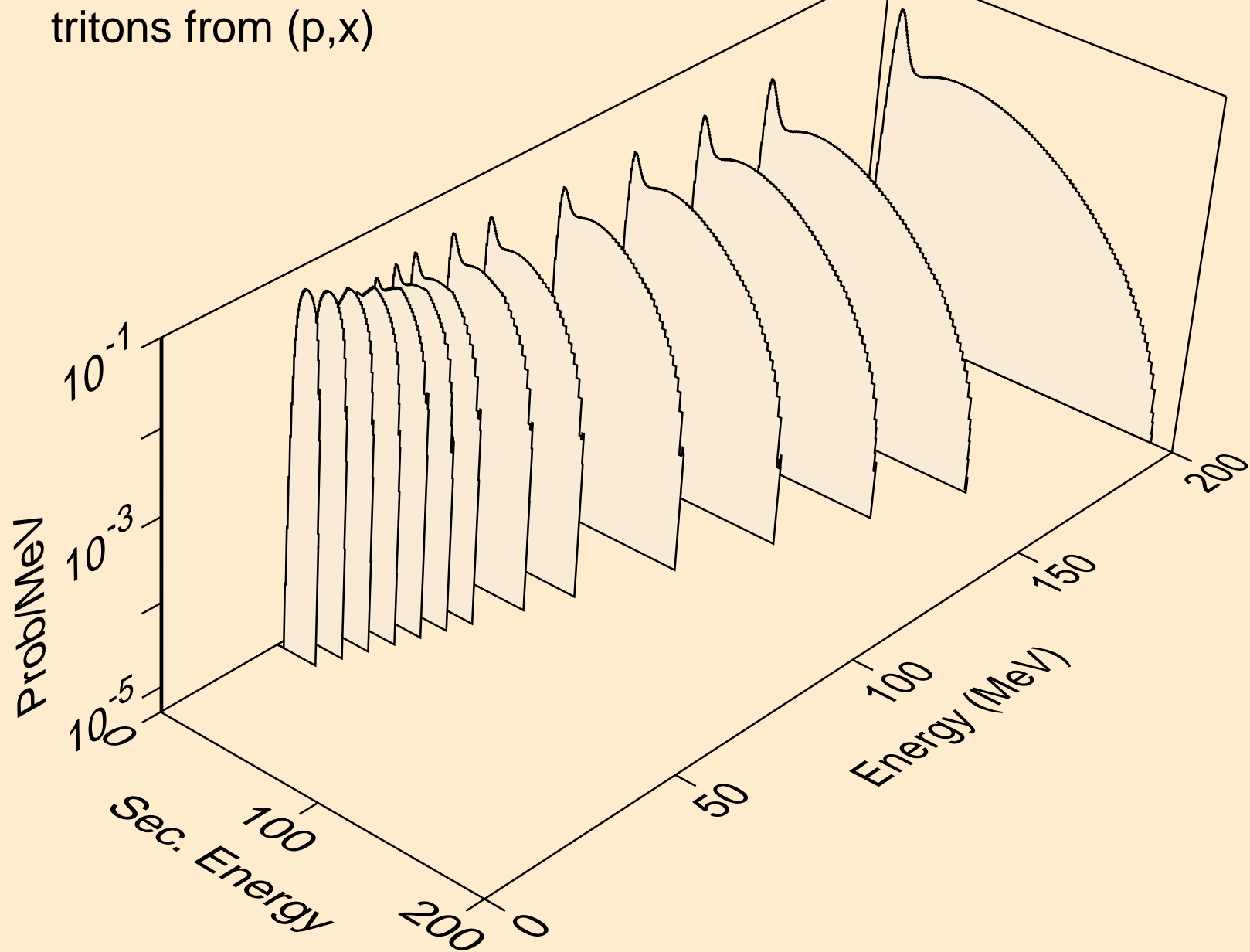
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



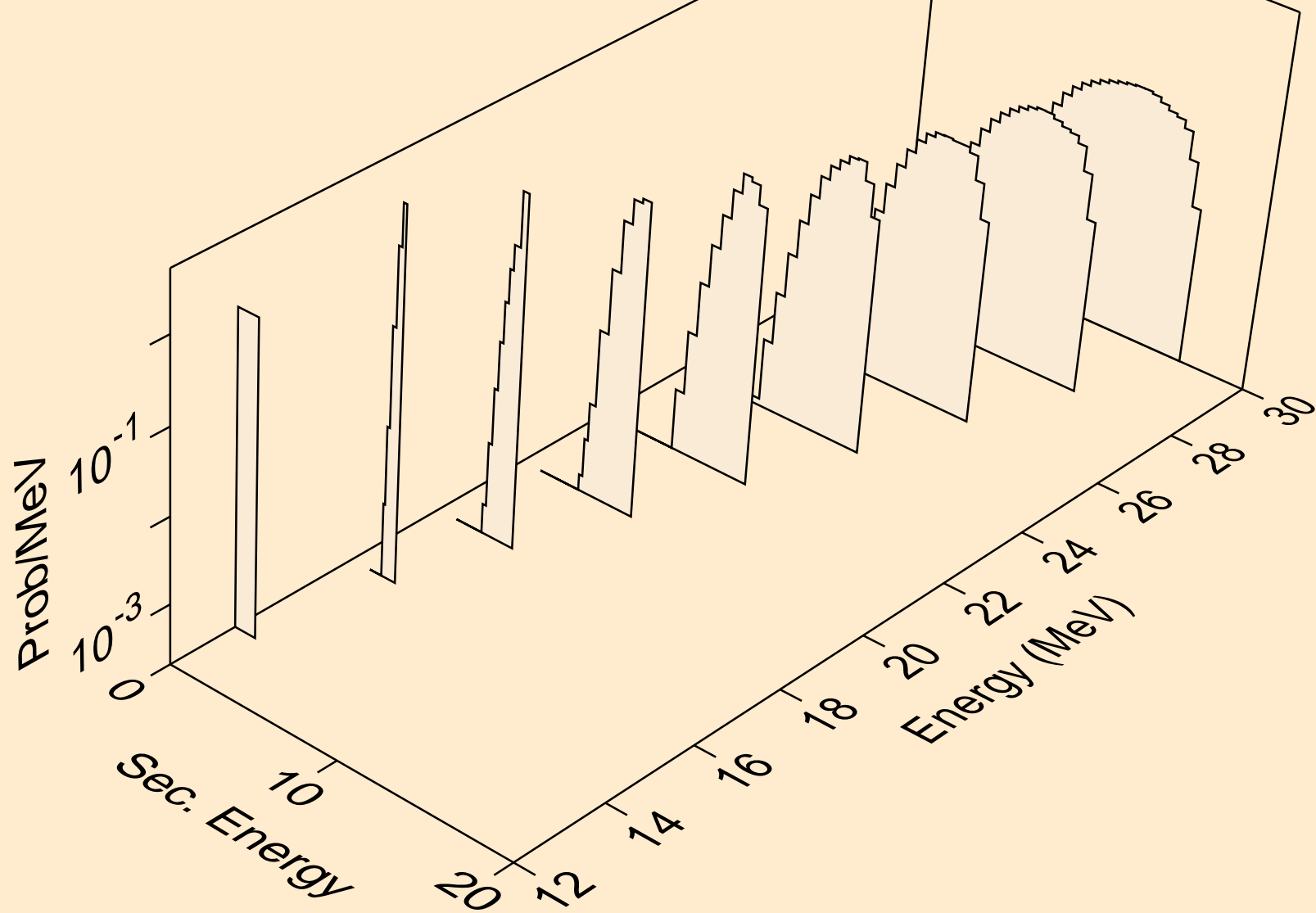
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



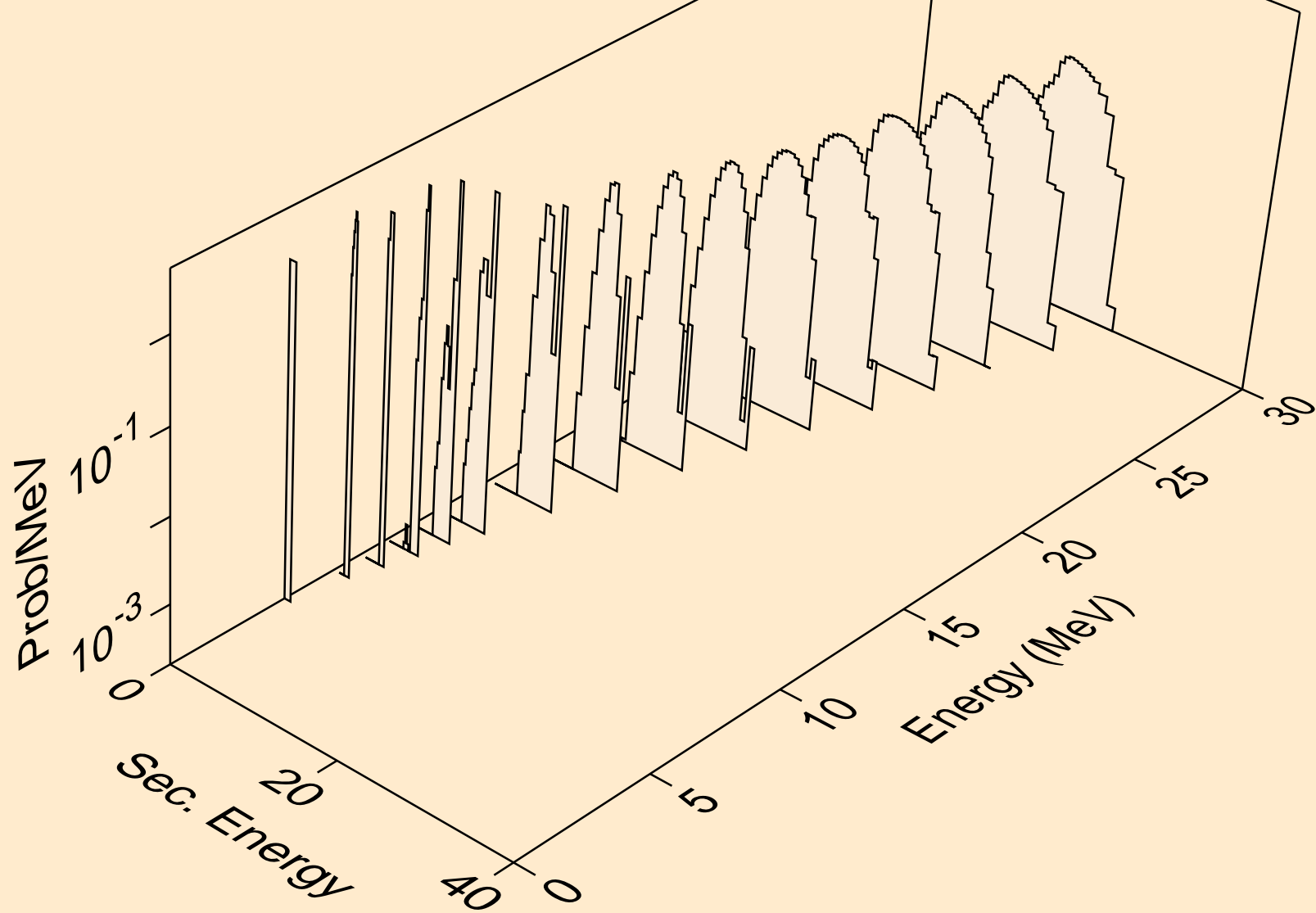
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

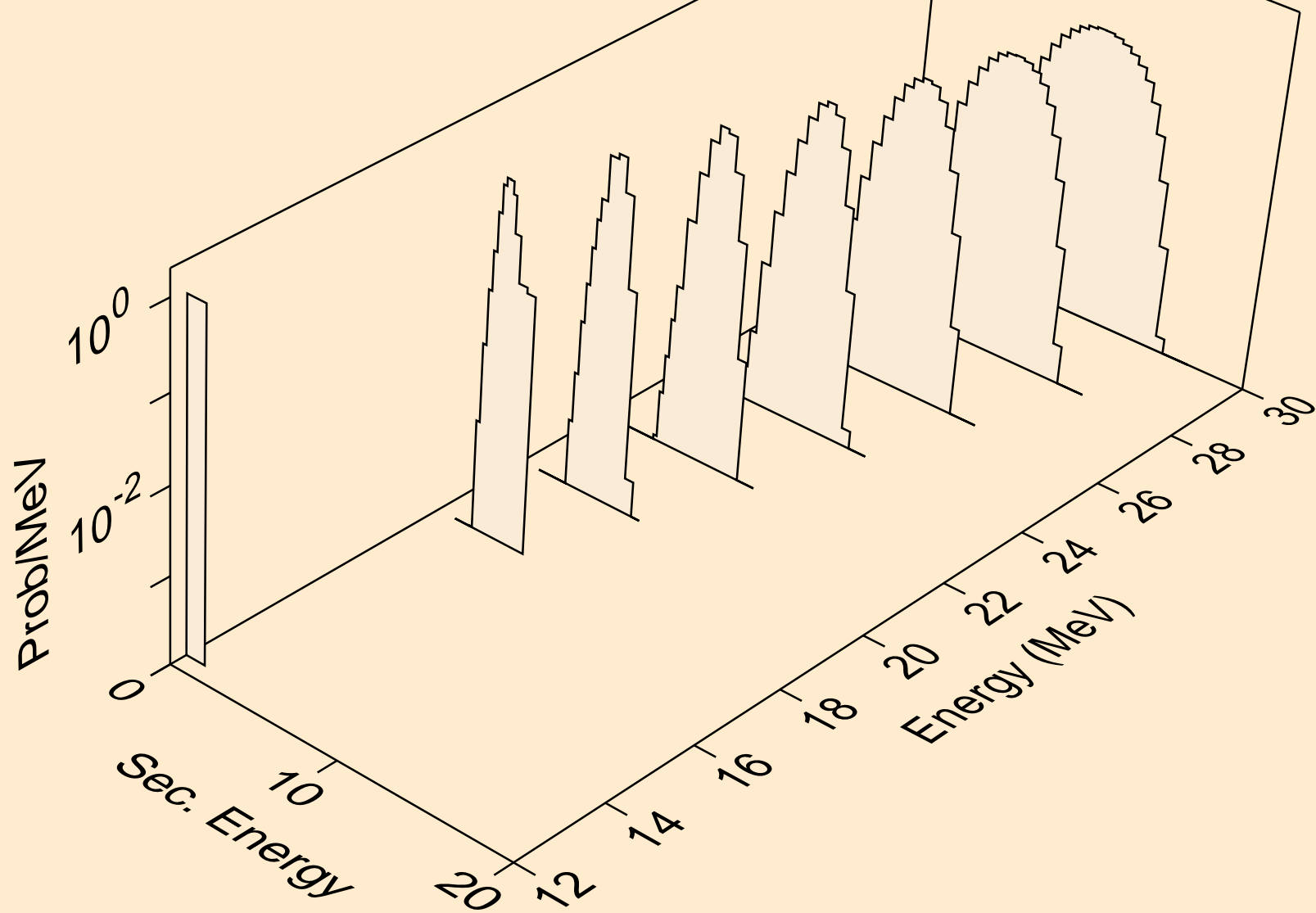


CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

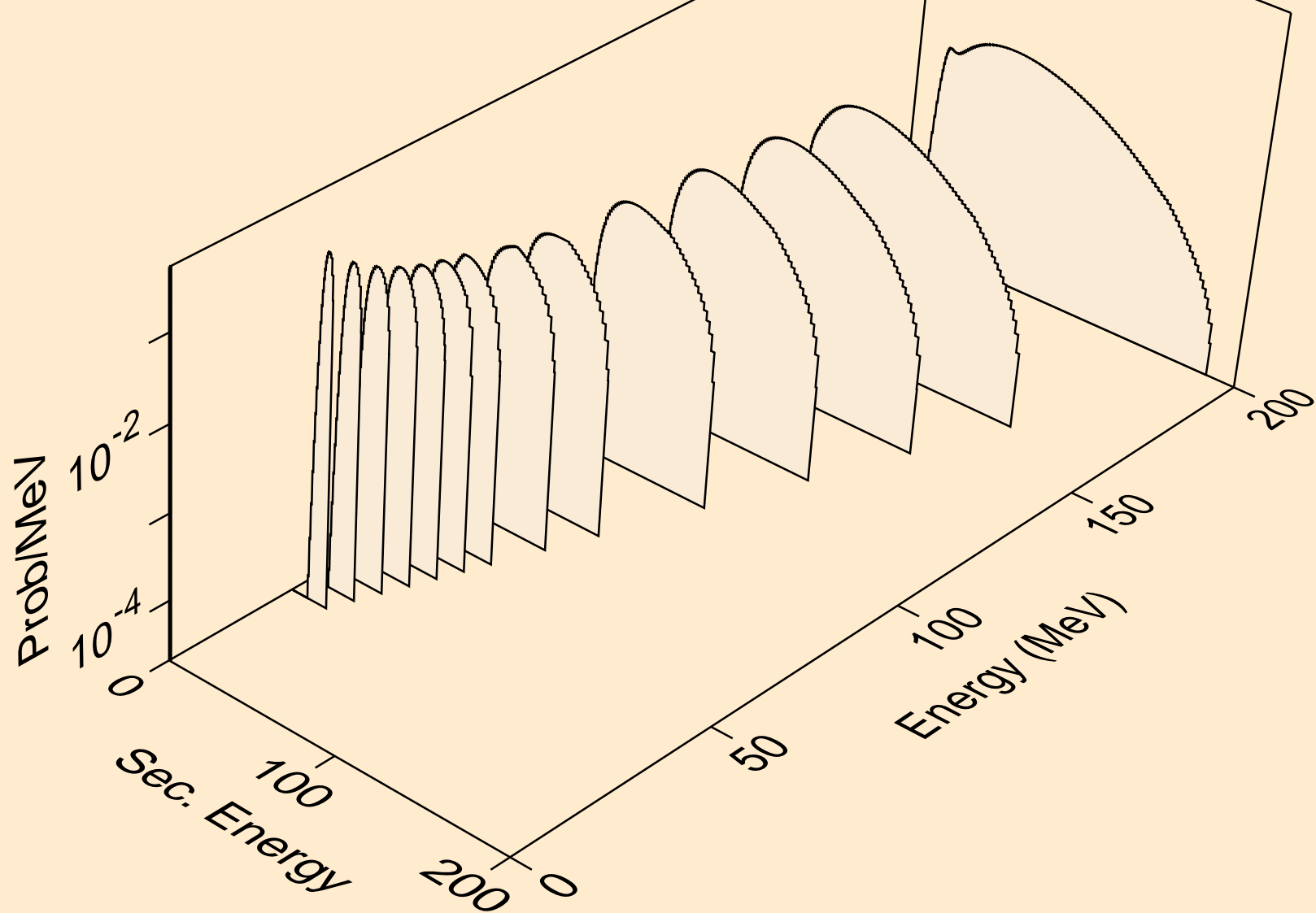




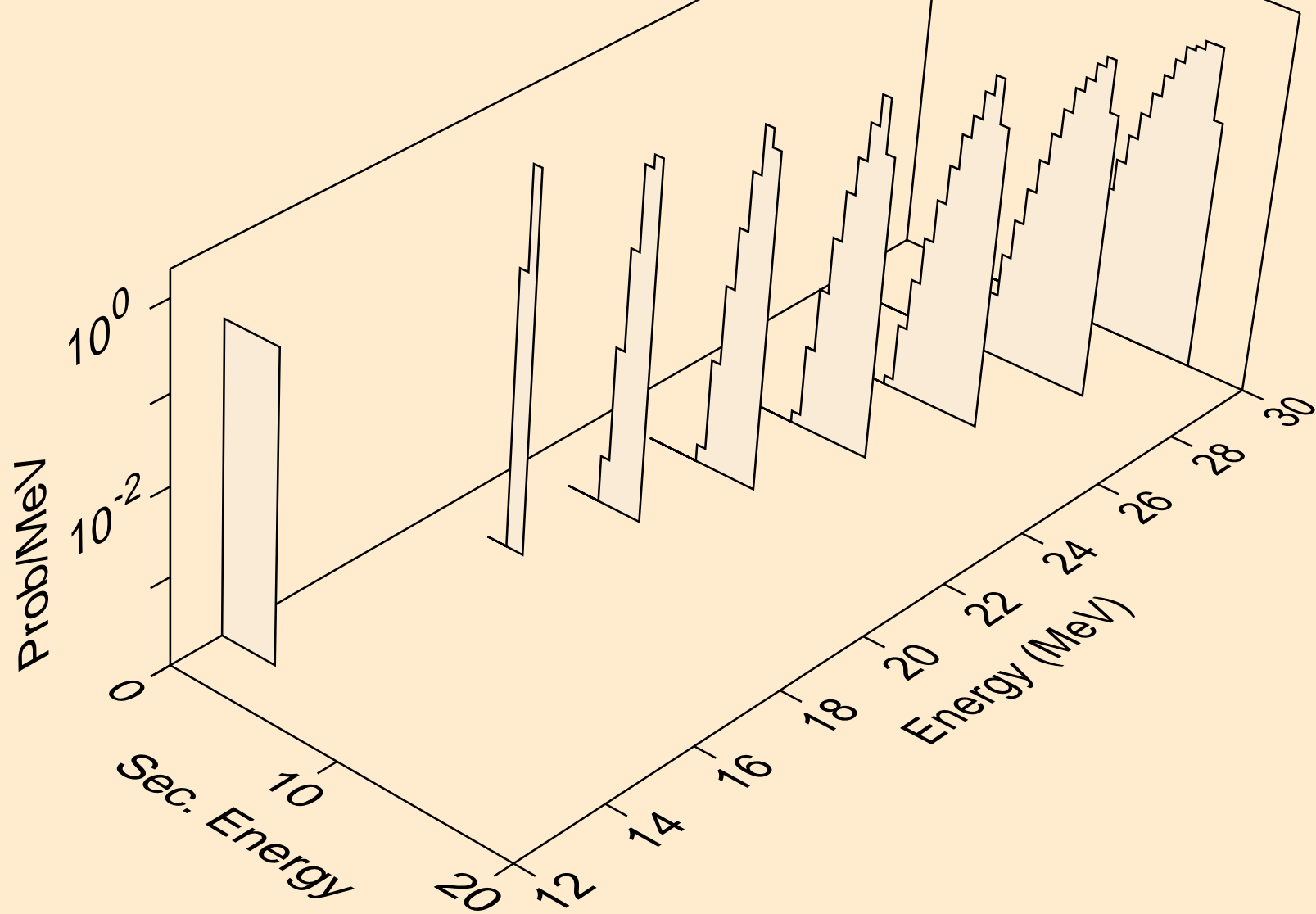
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



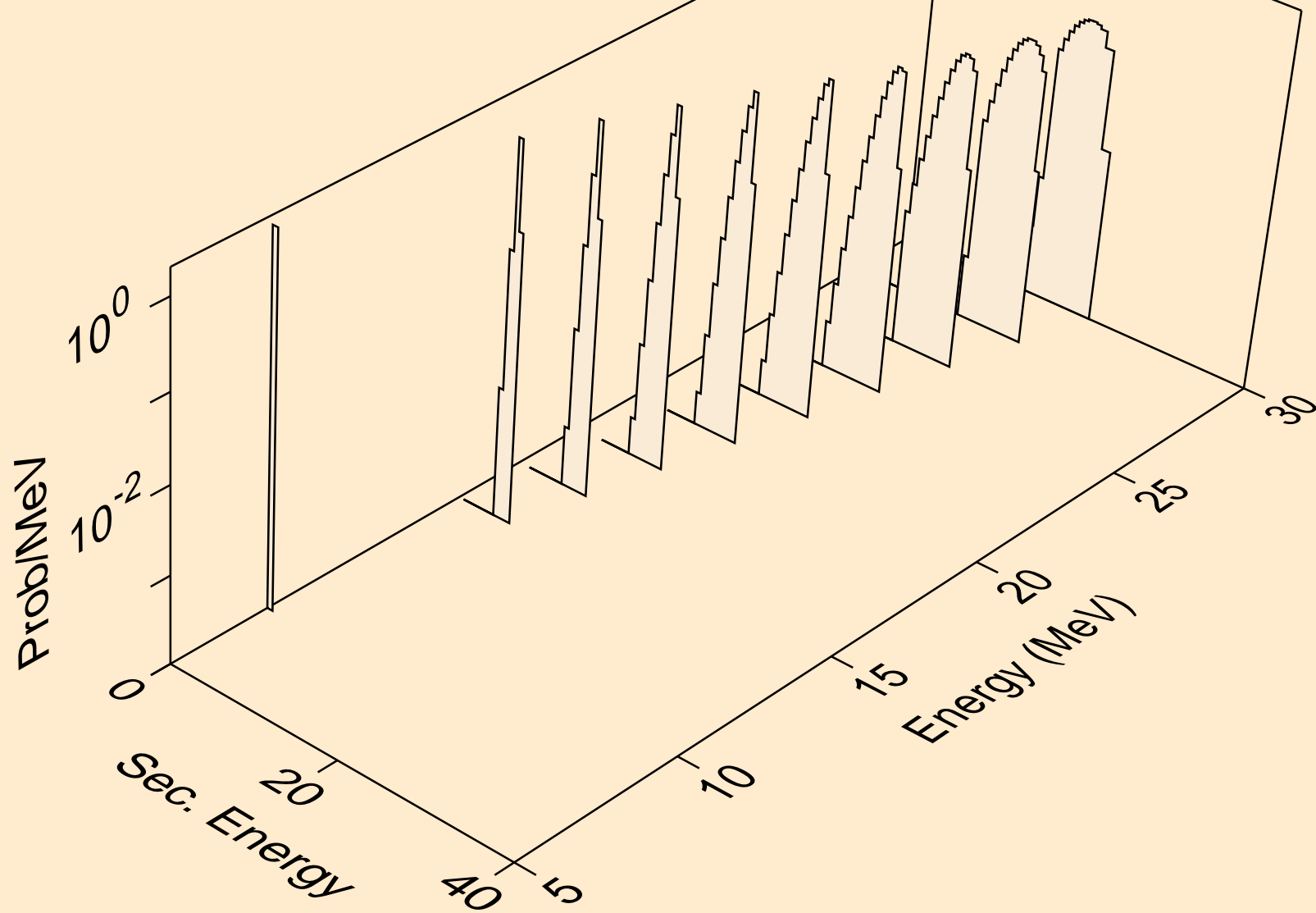
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



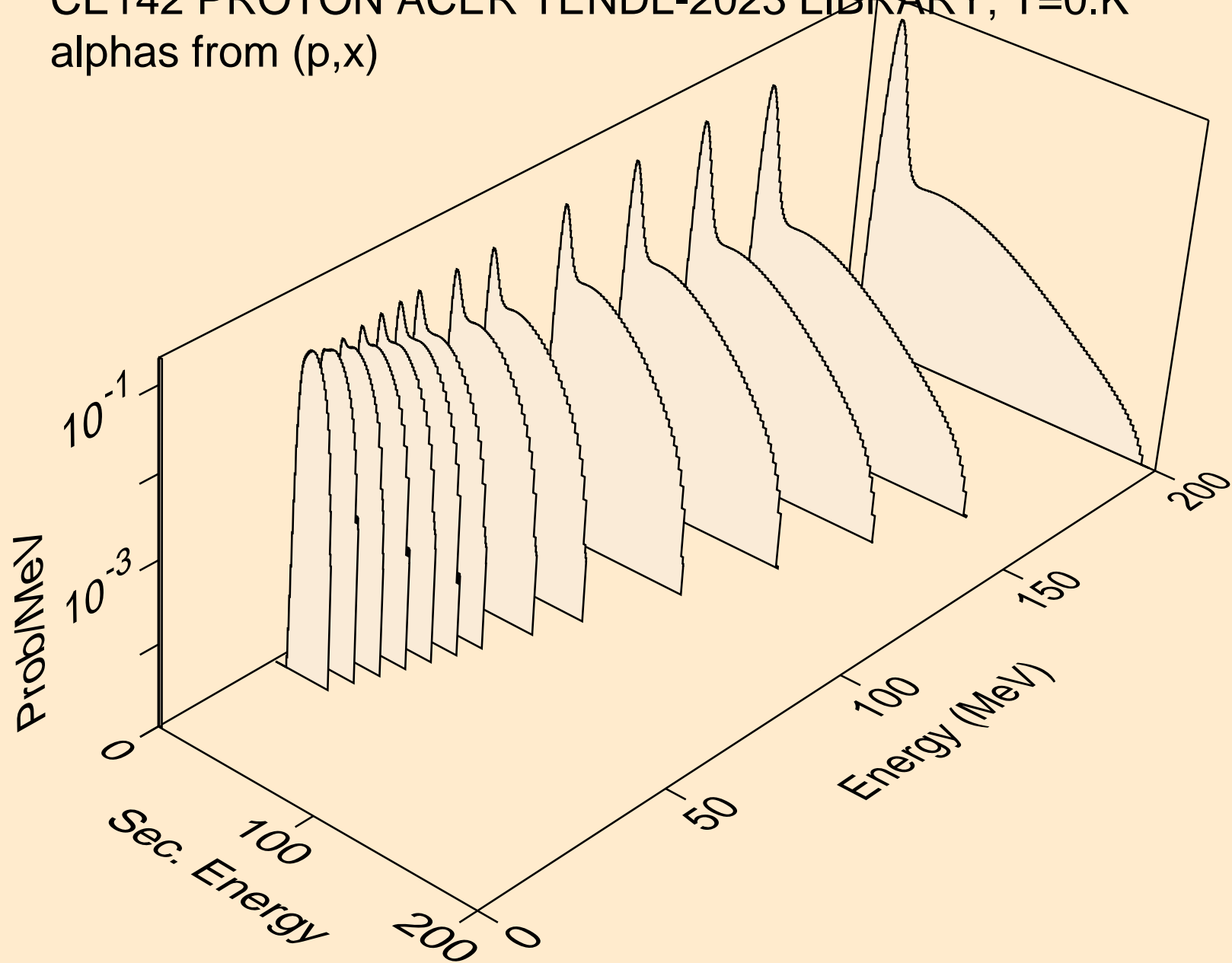
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



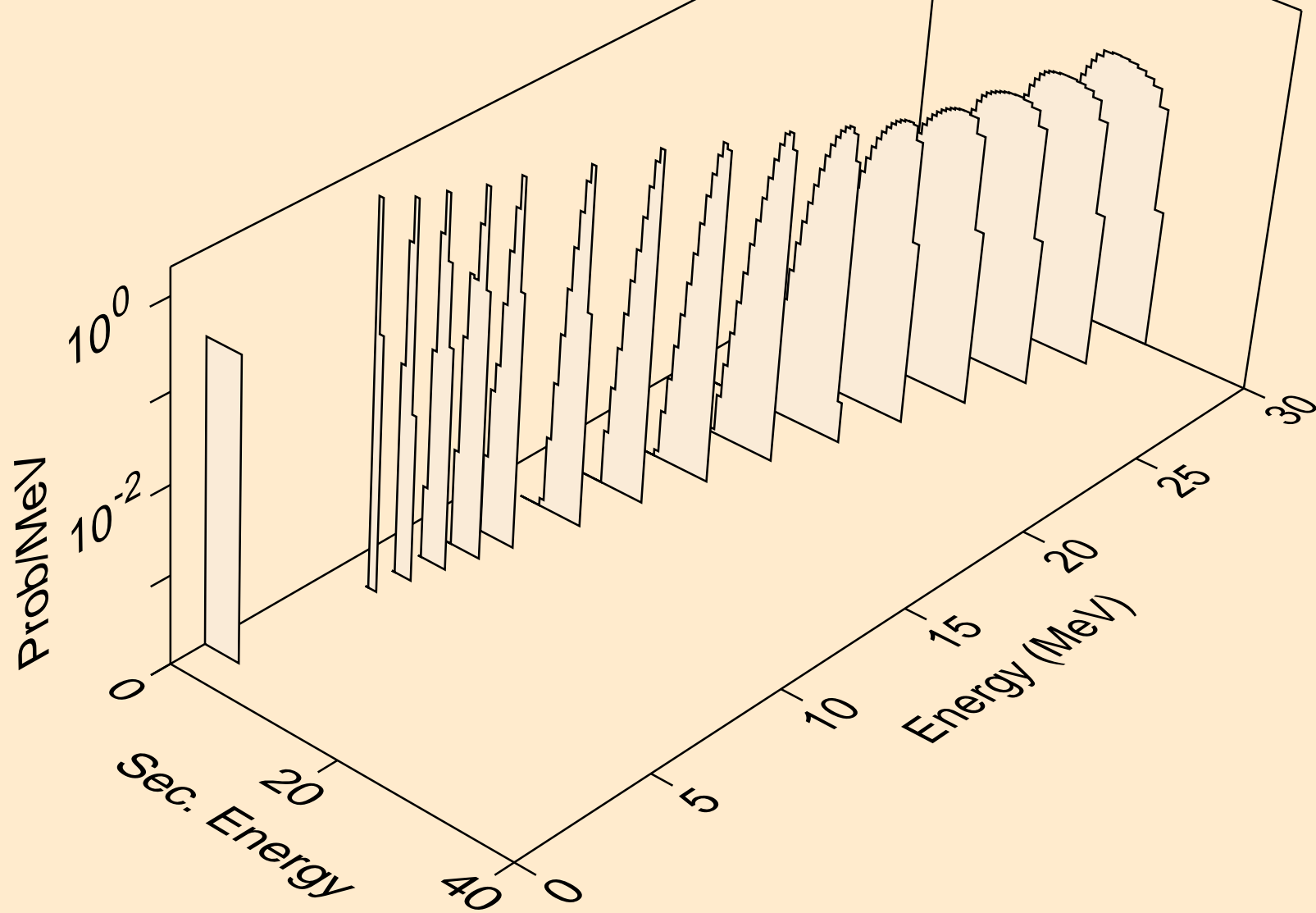
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



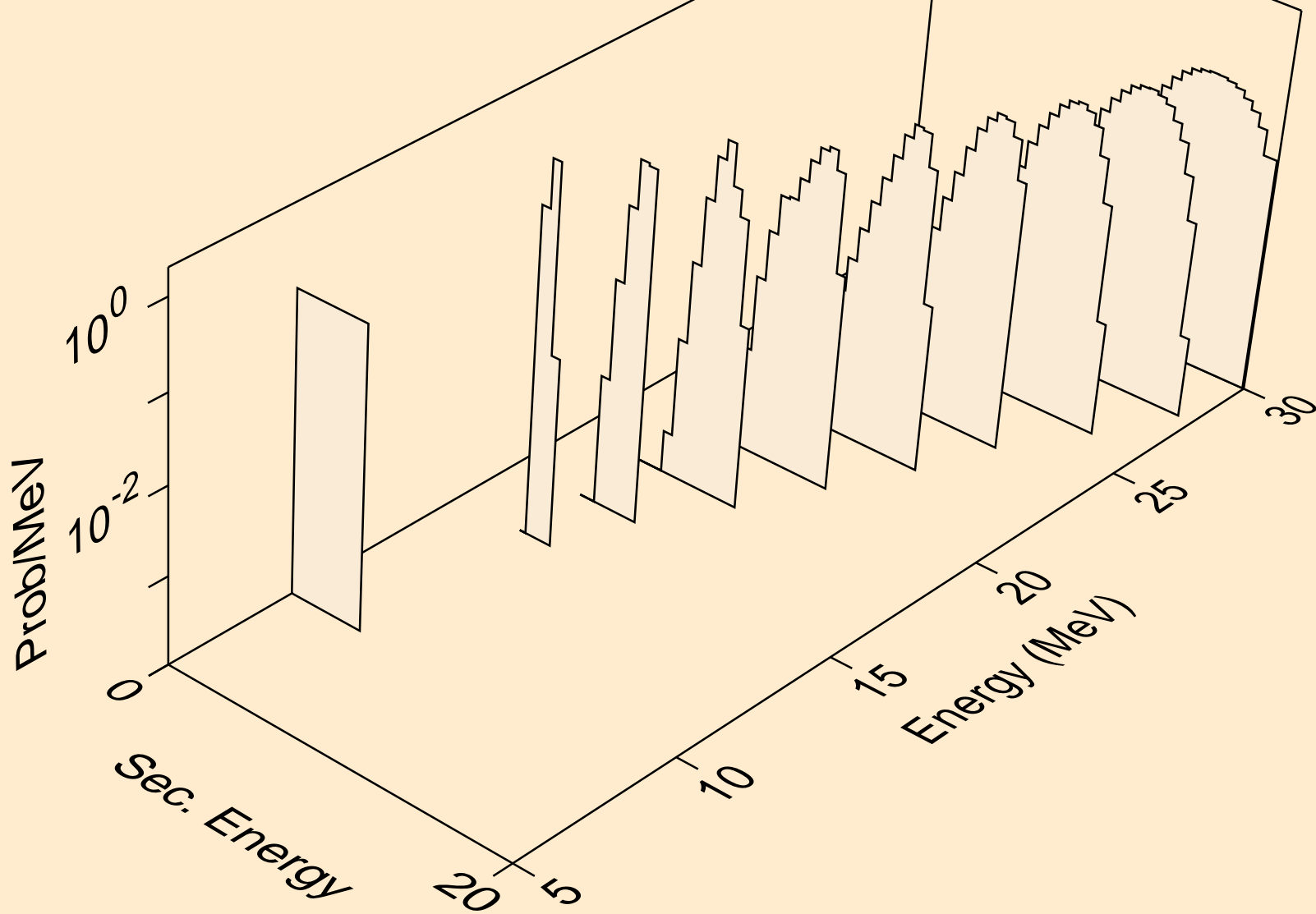
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



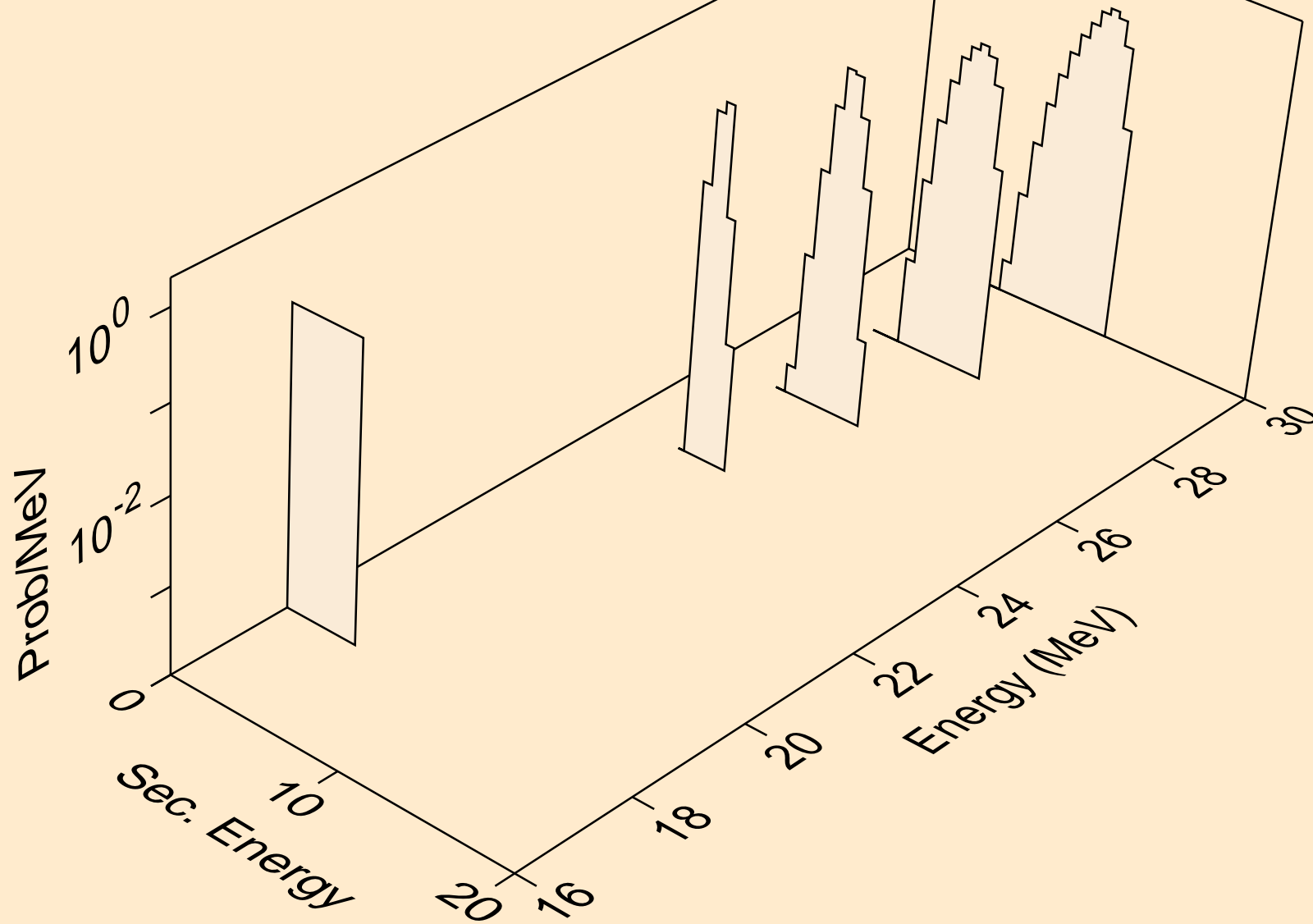
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

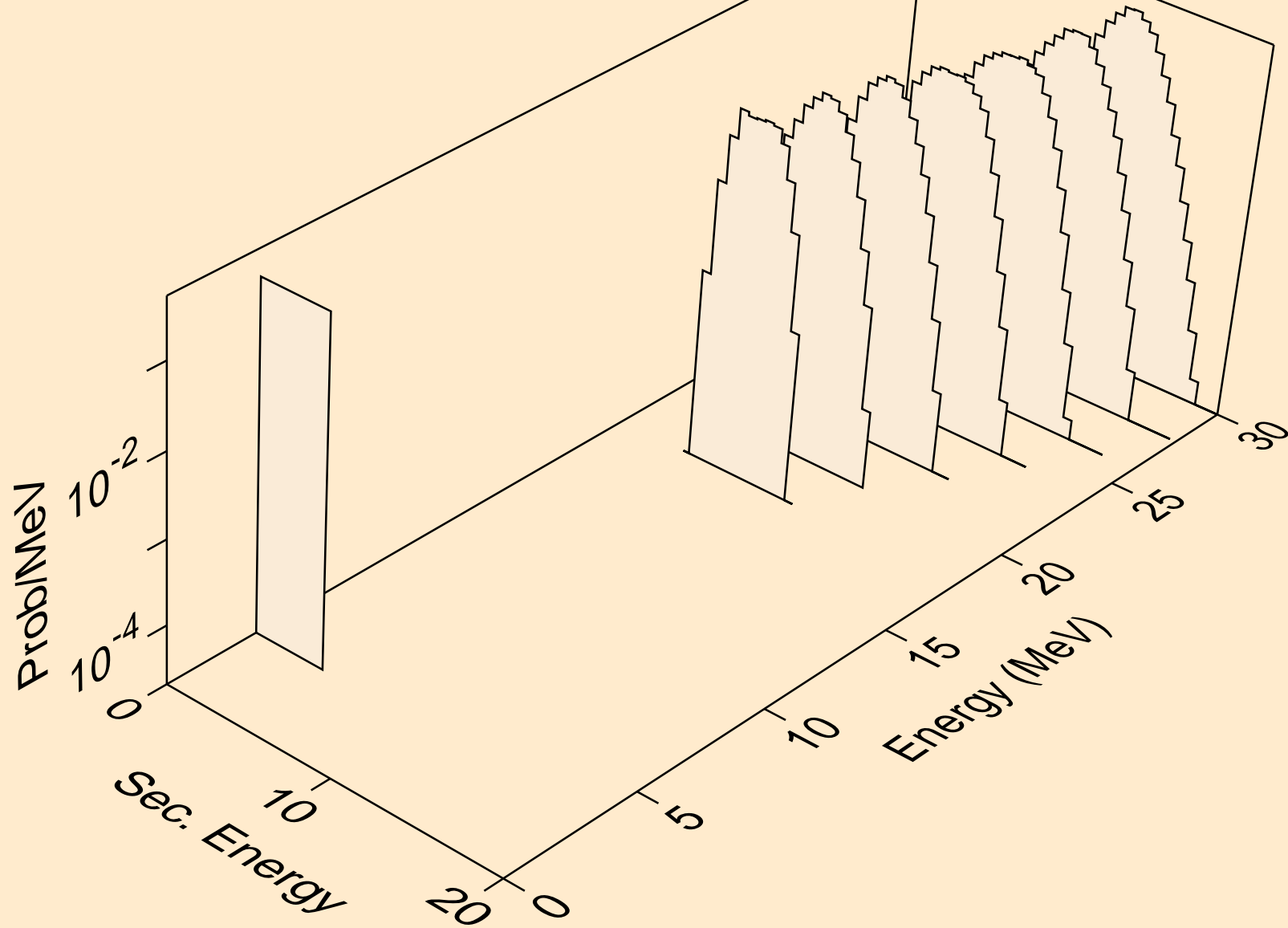


CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

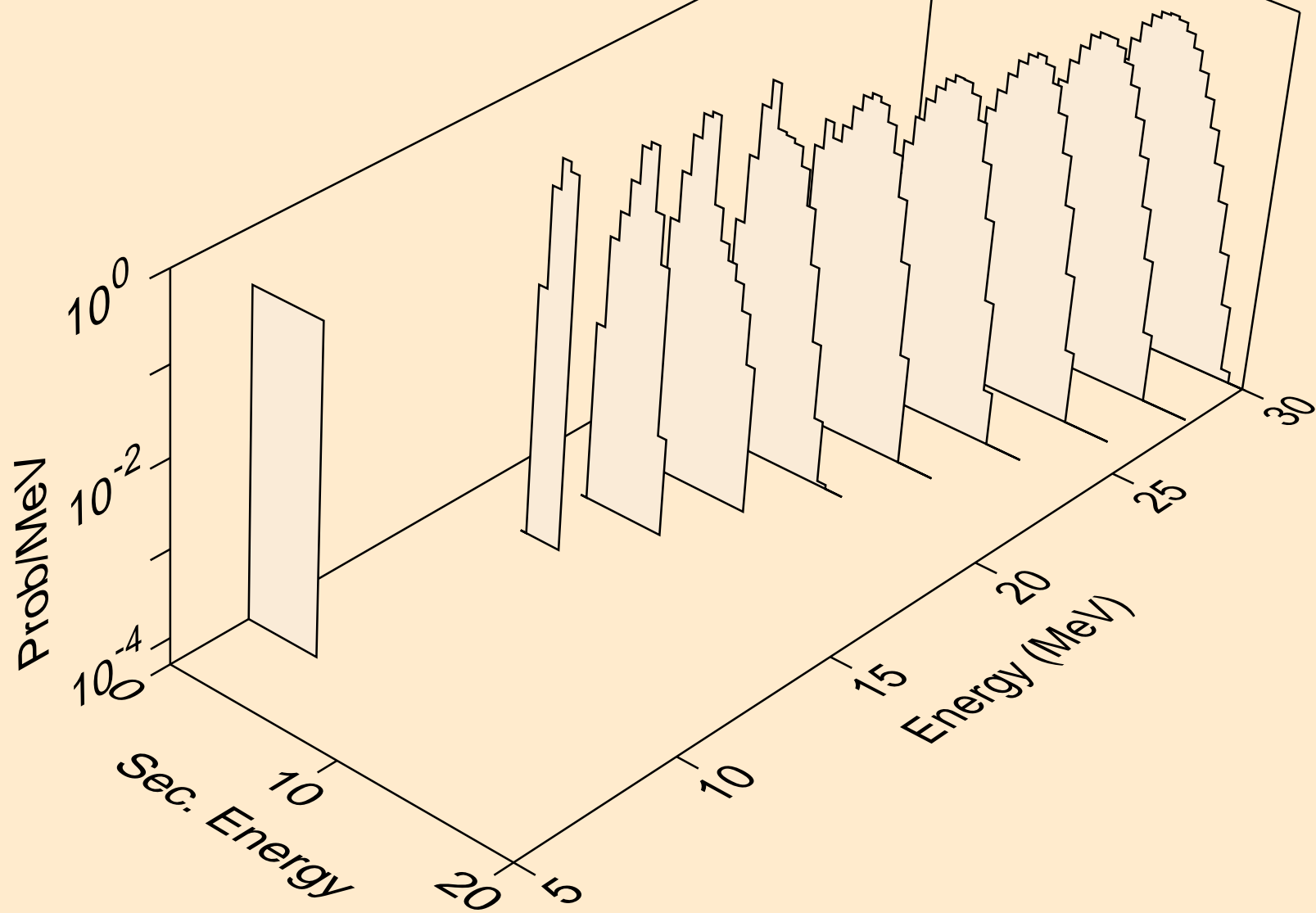




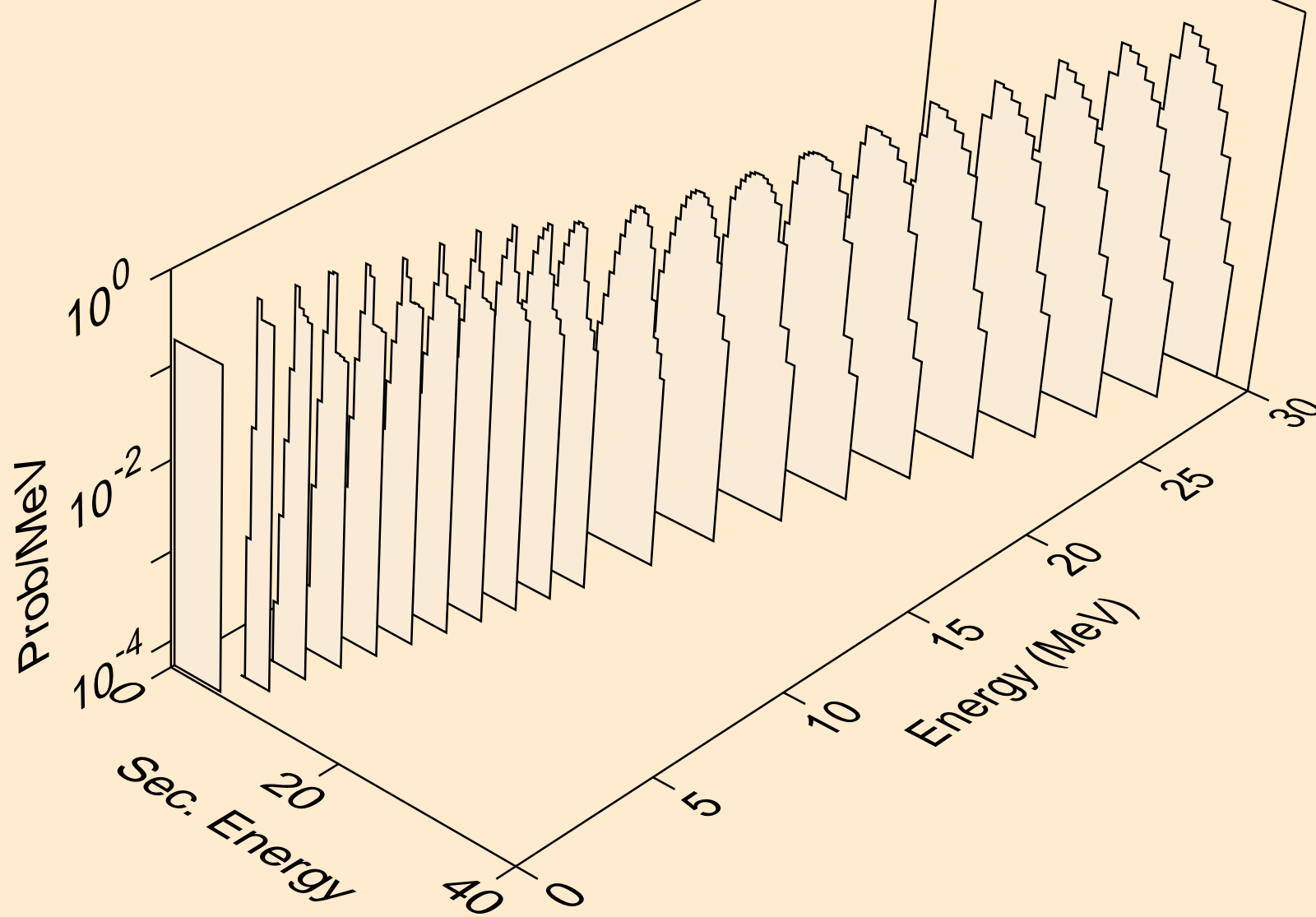
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



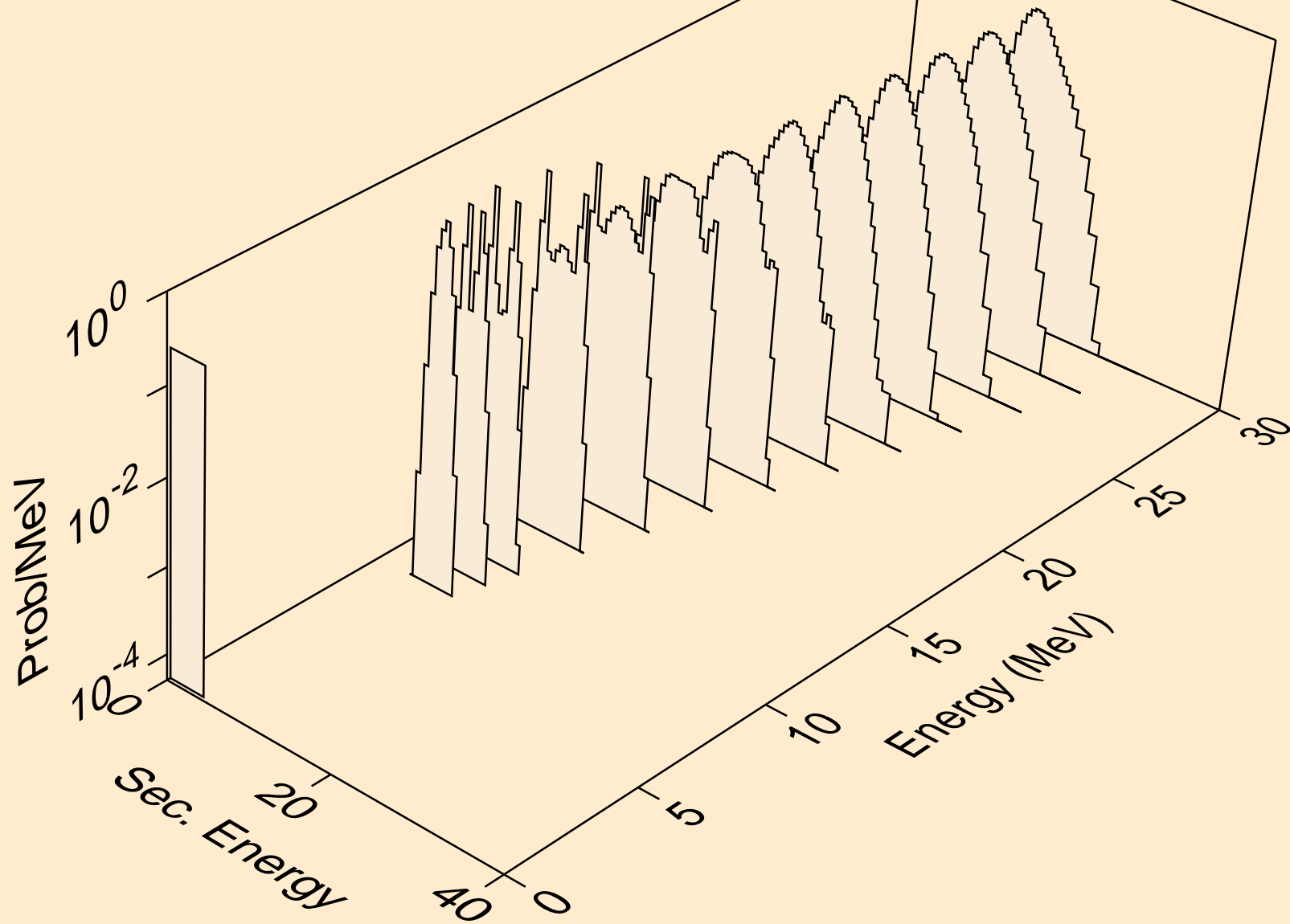
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



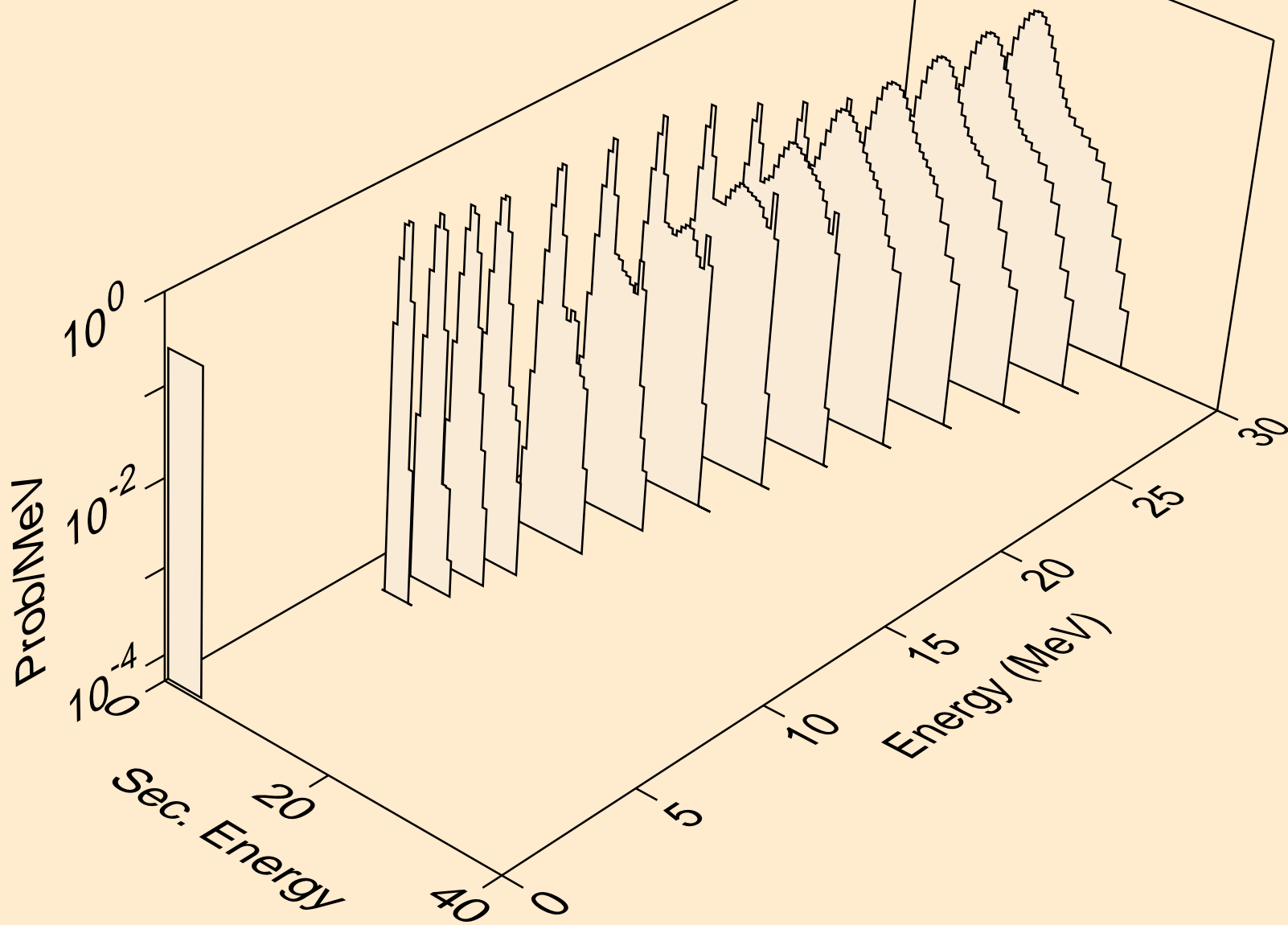
CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



CE142 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

