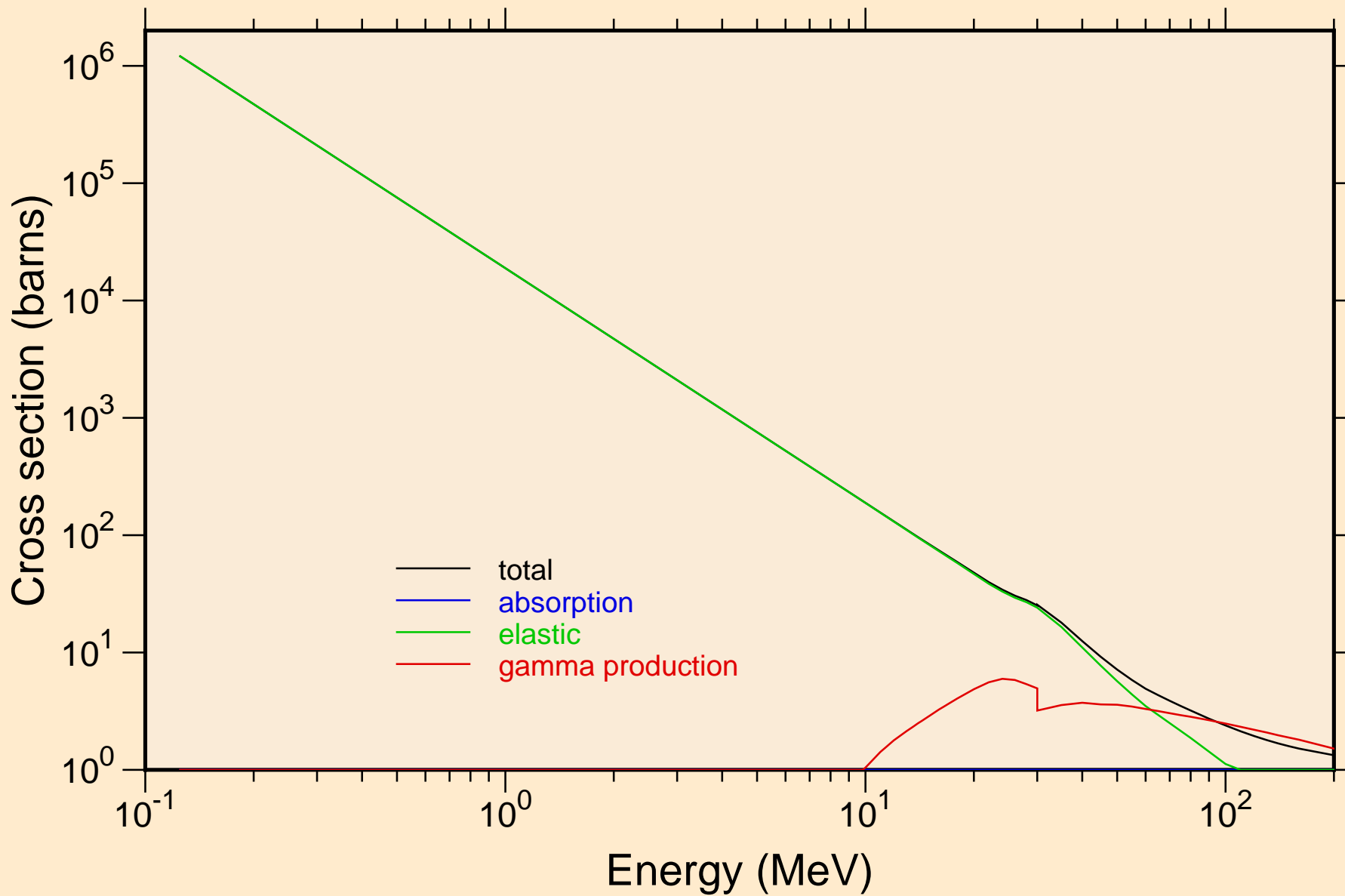


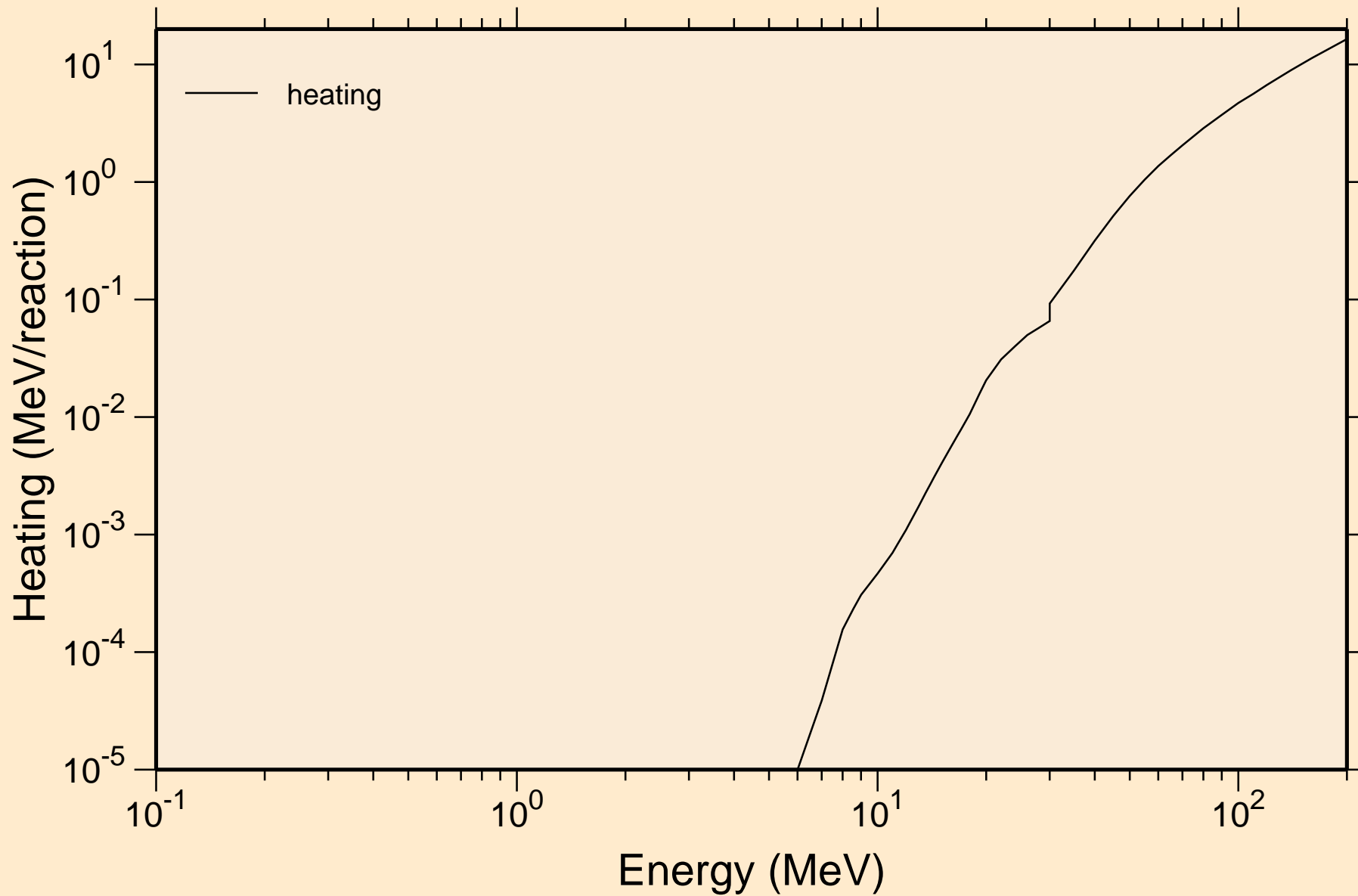
# CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



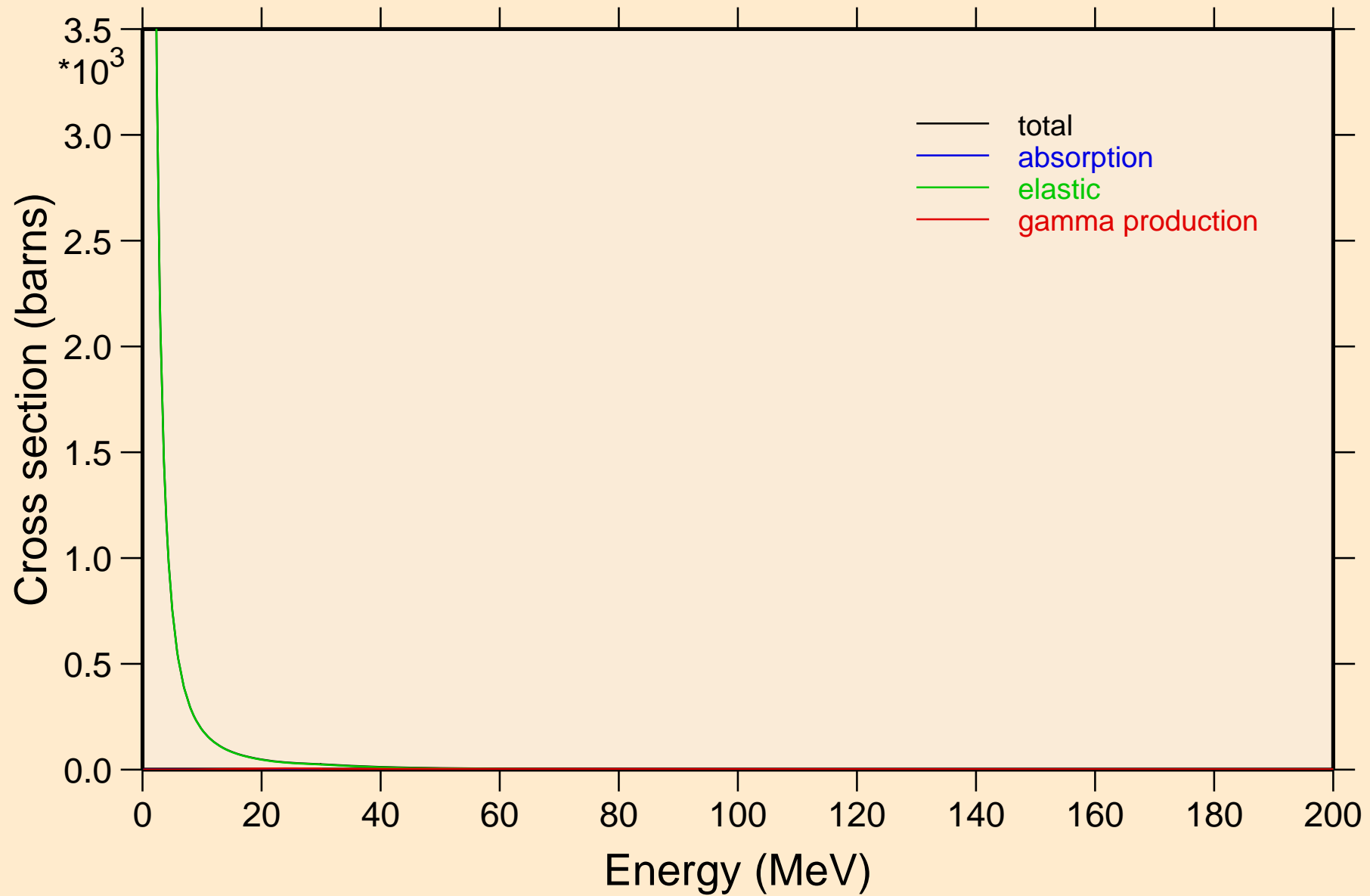
# CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



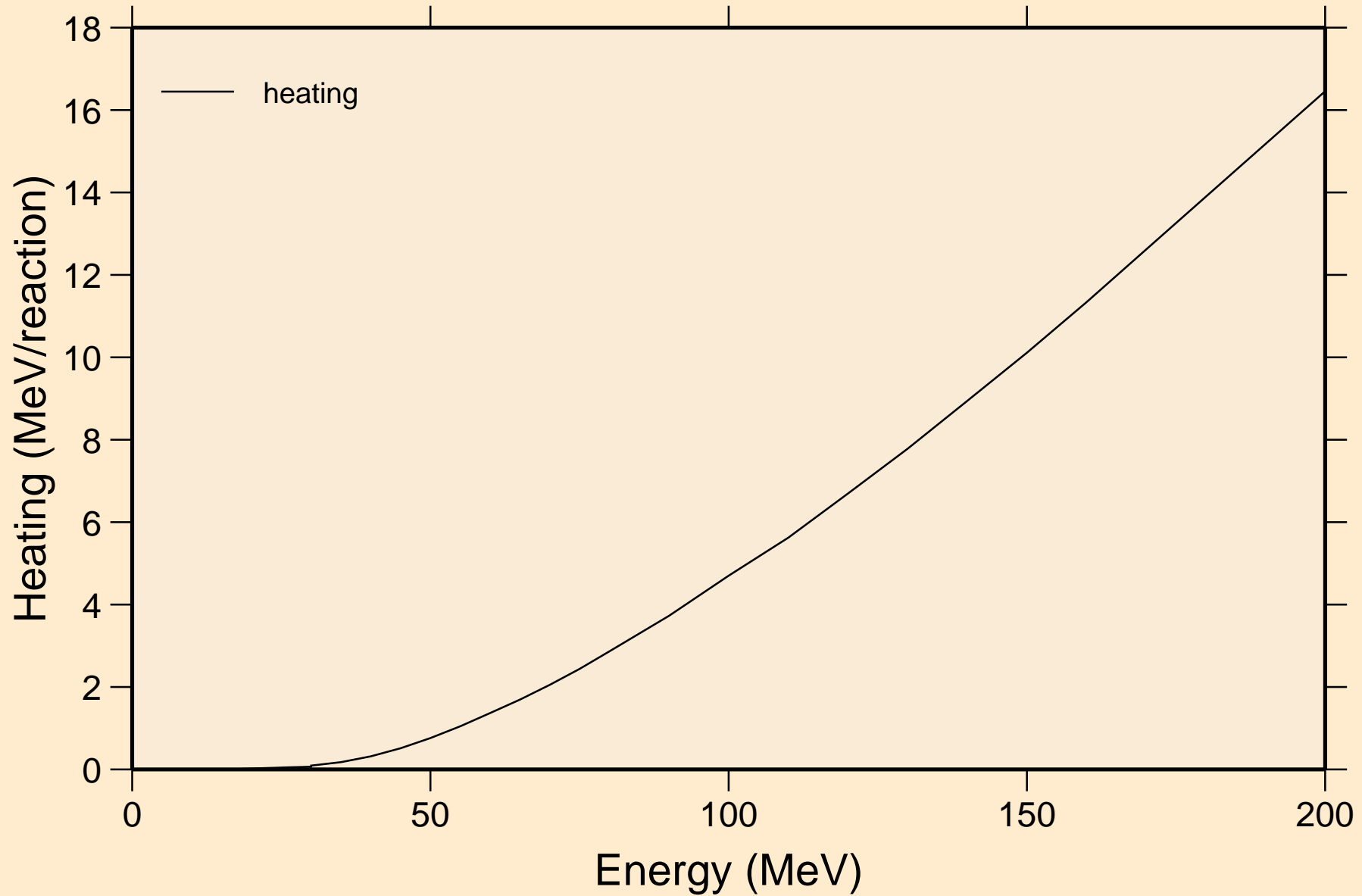
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## Principal cross sections



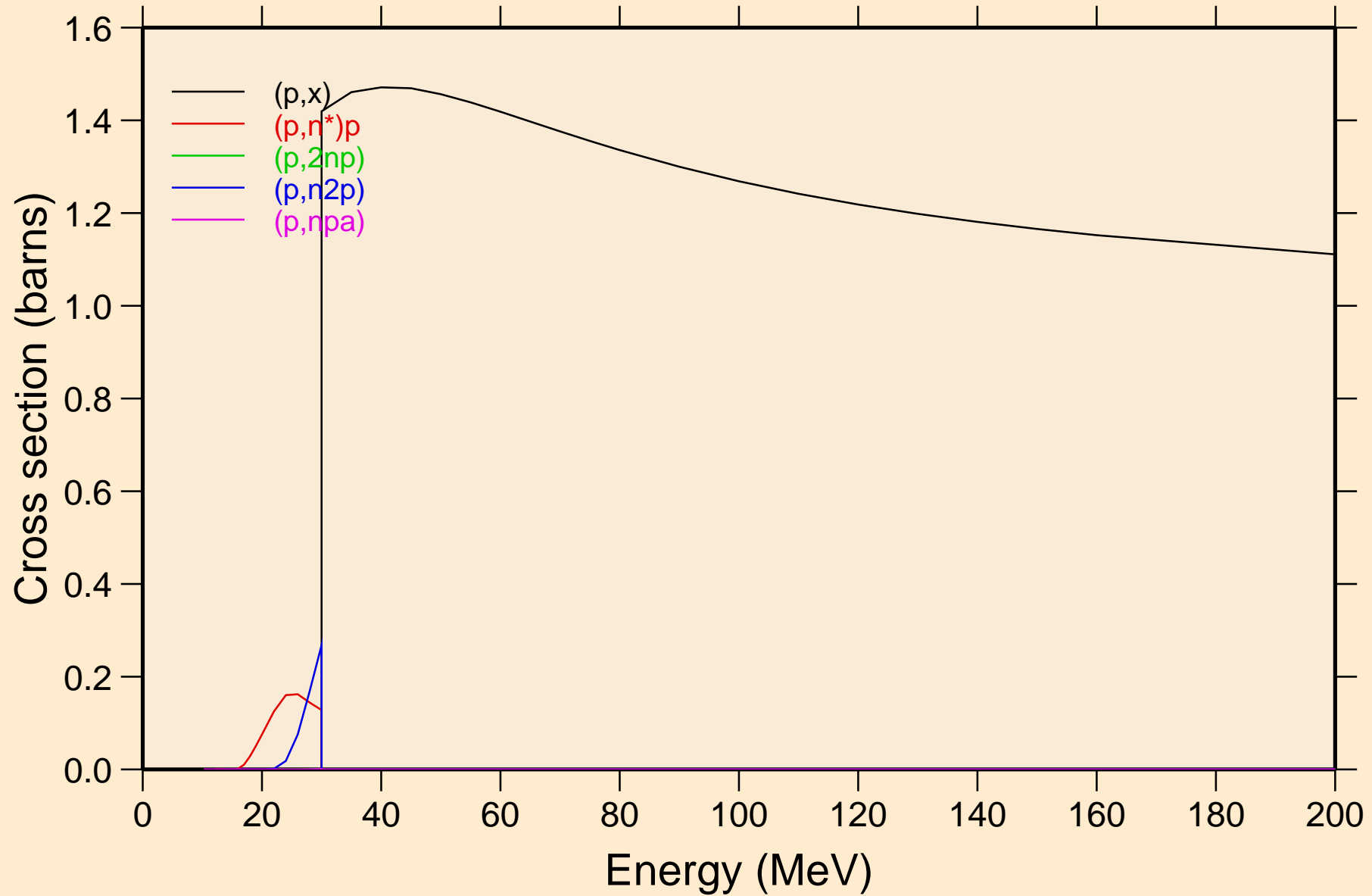
# CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



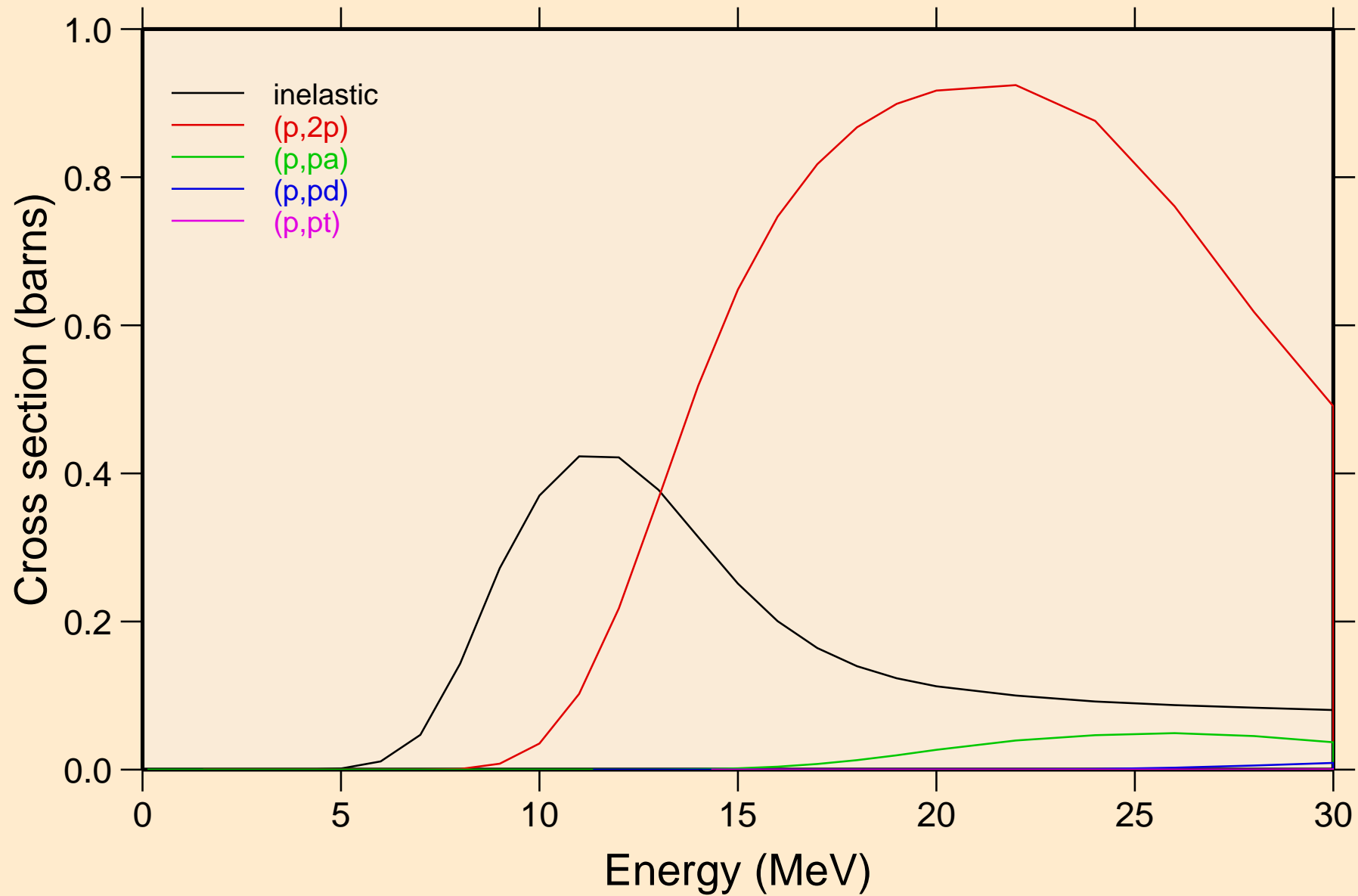
# CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

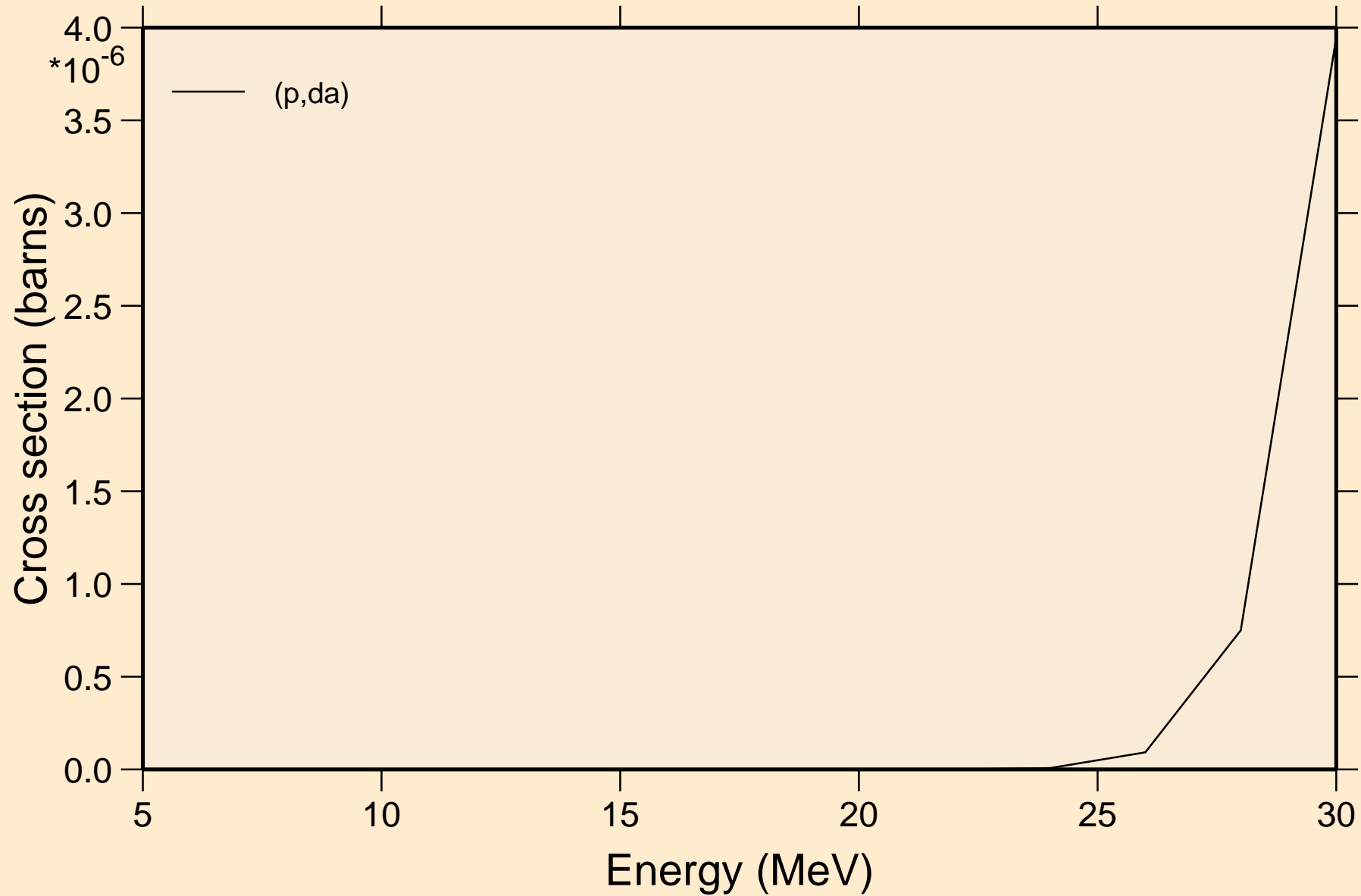


# CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

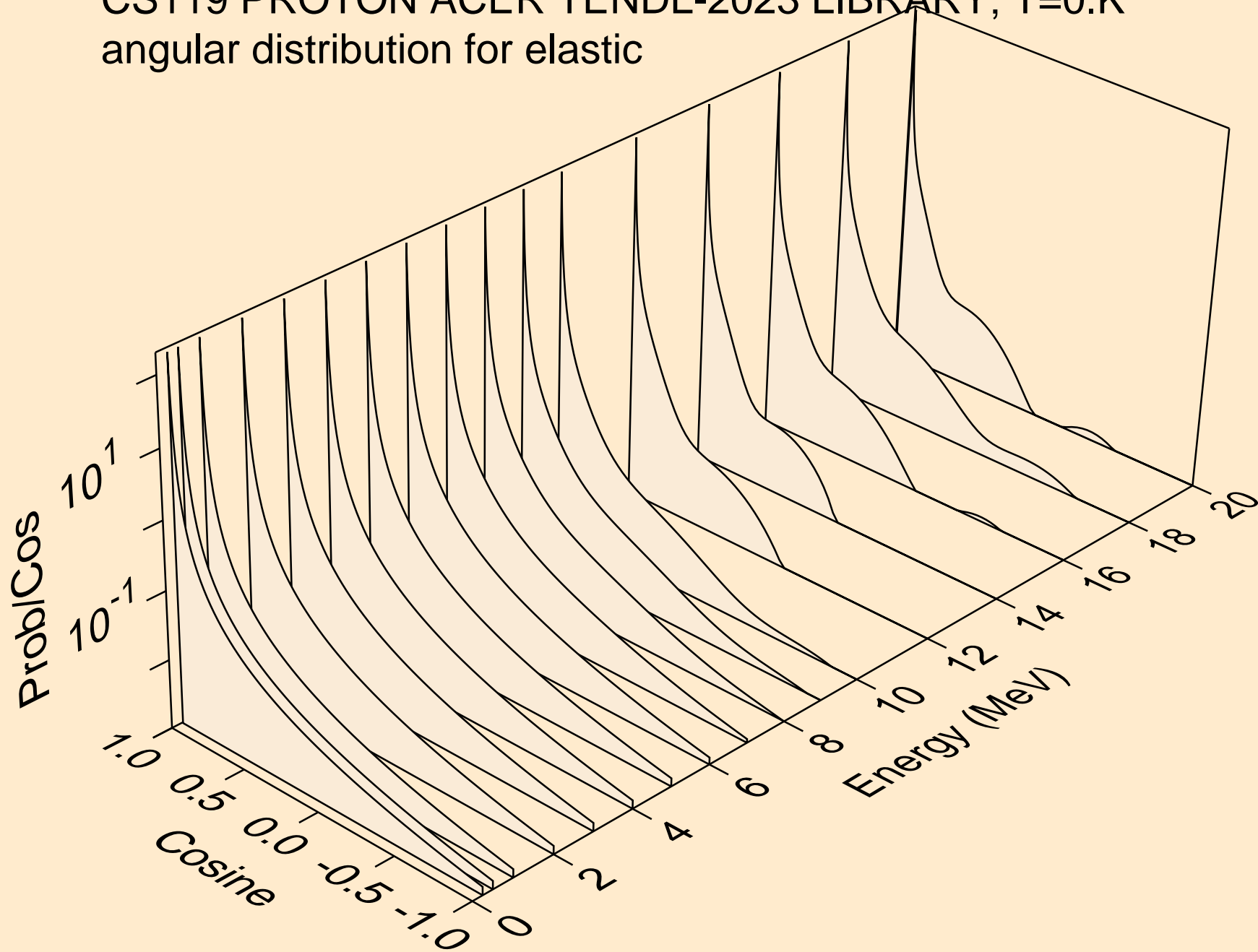
## Threshold reactions



CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

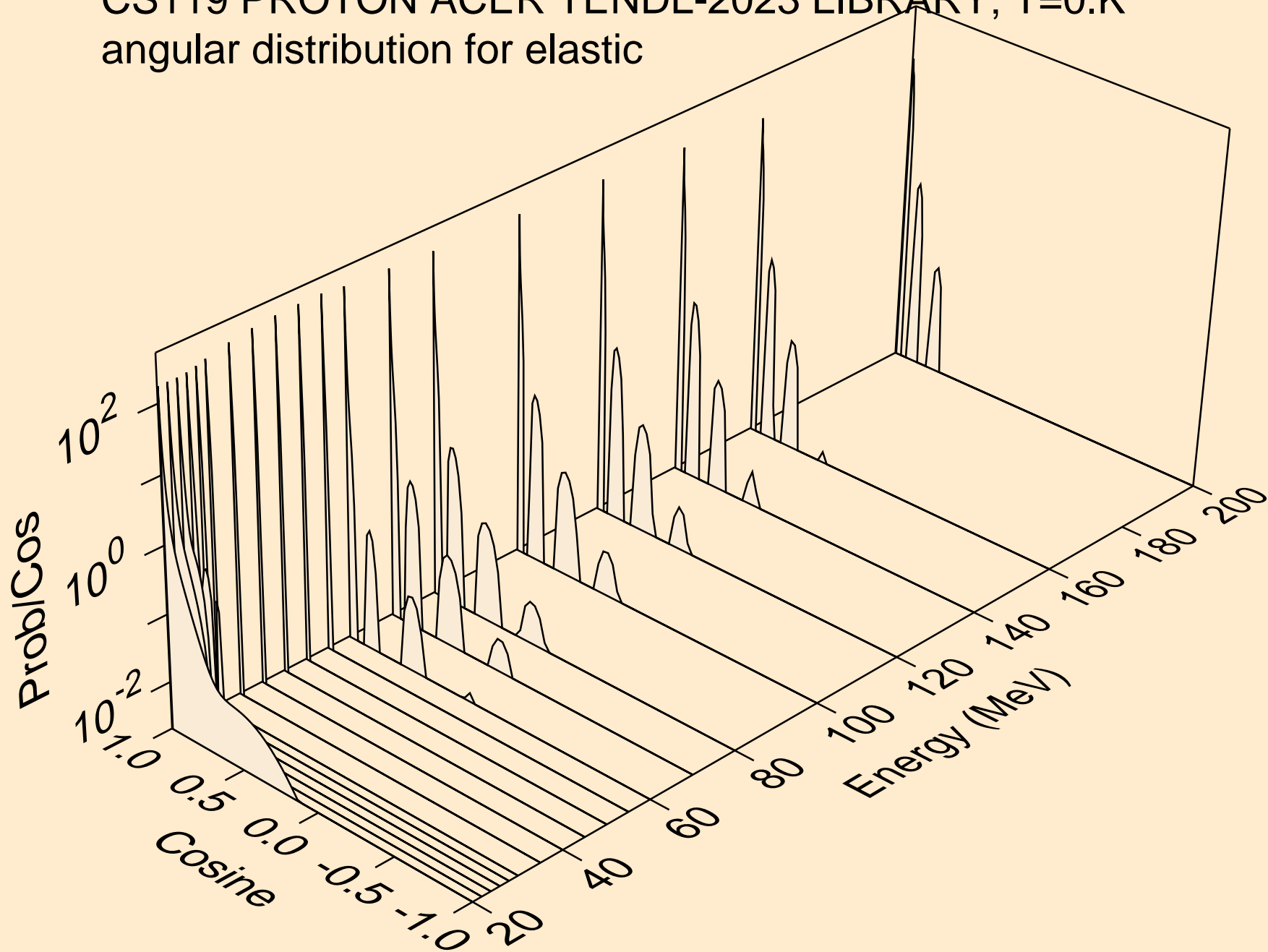


CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

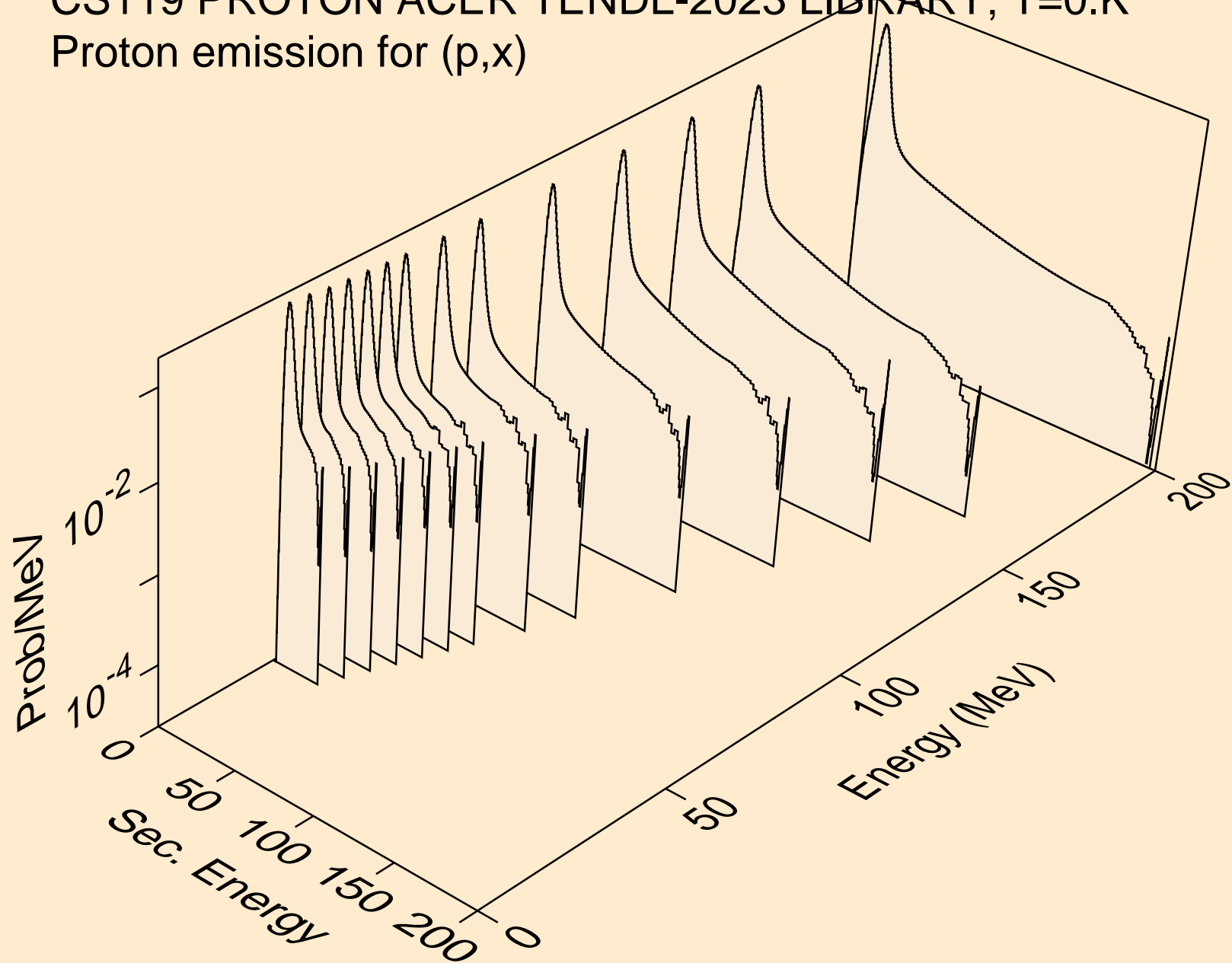




CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

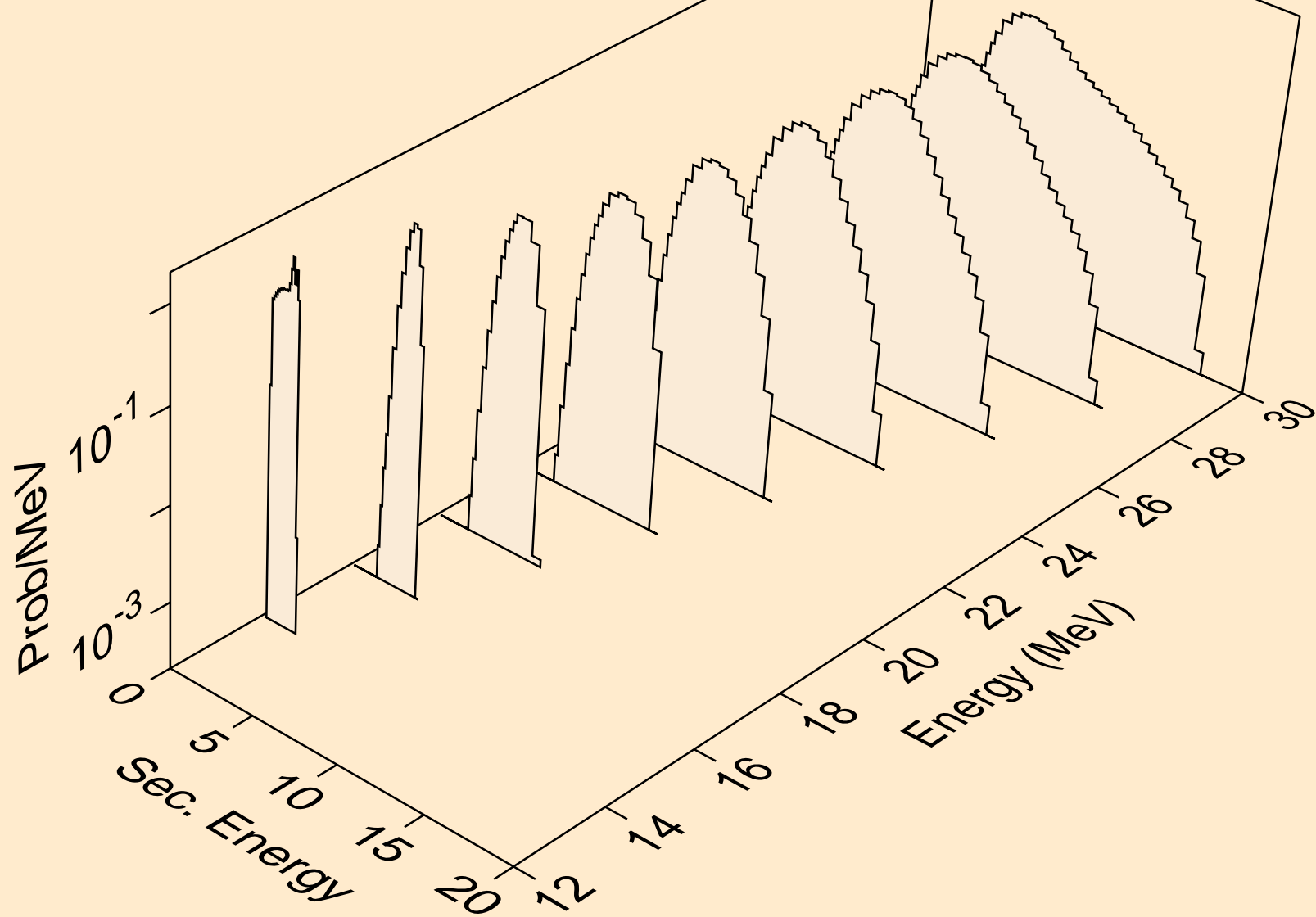


CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)

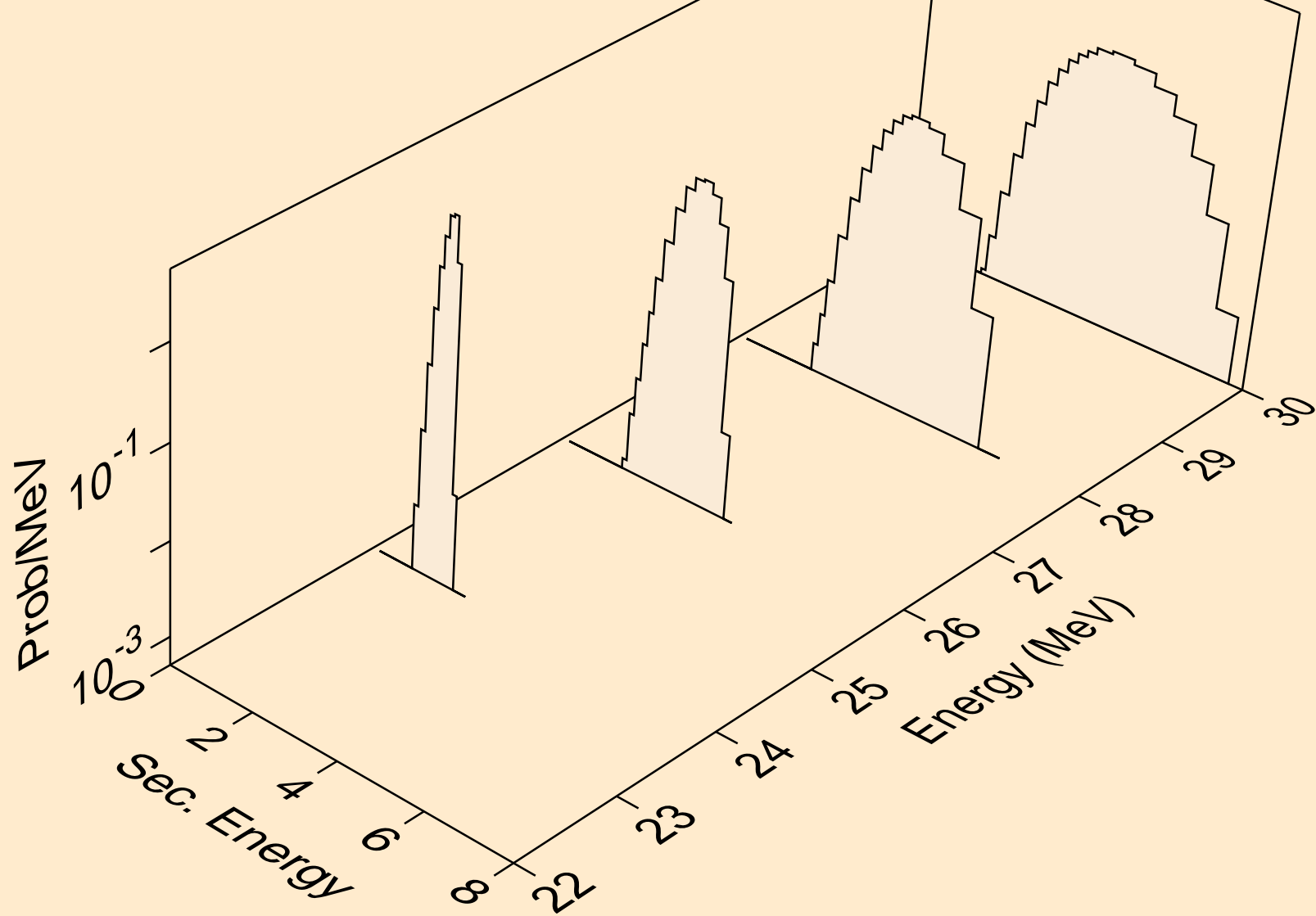


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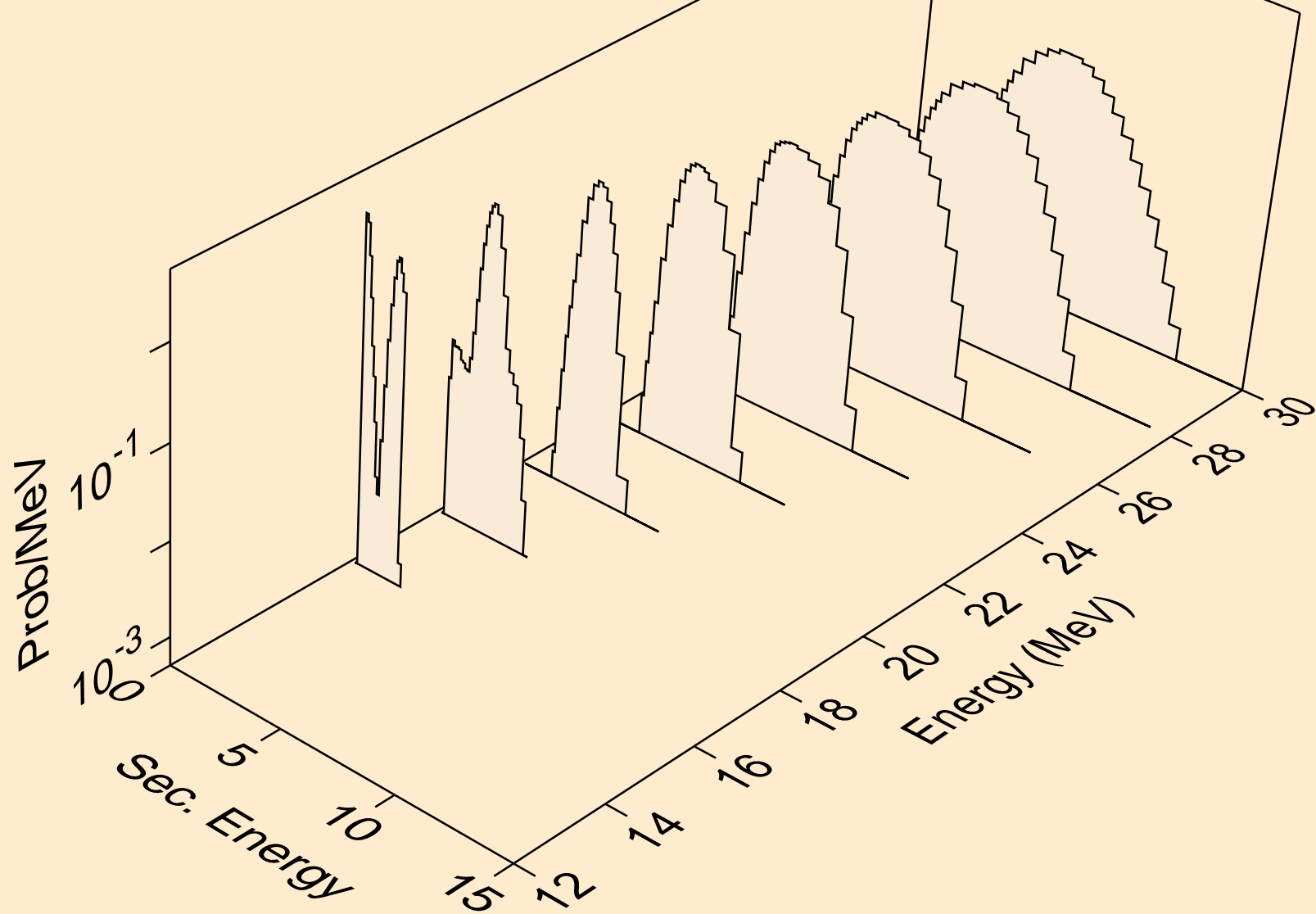
Proton emission for (p,n\*)p



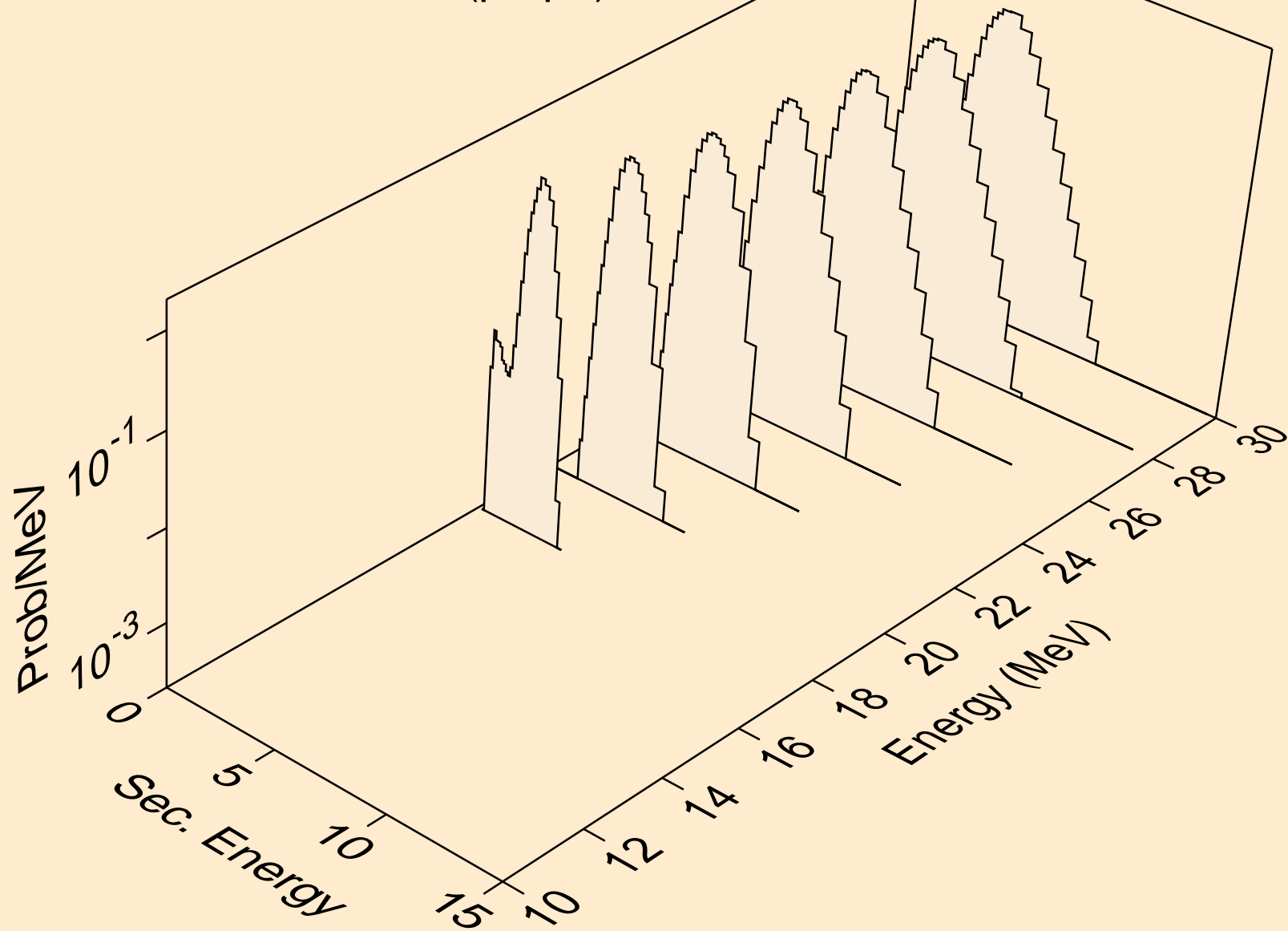
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



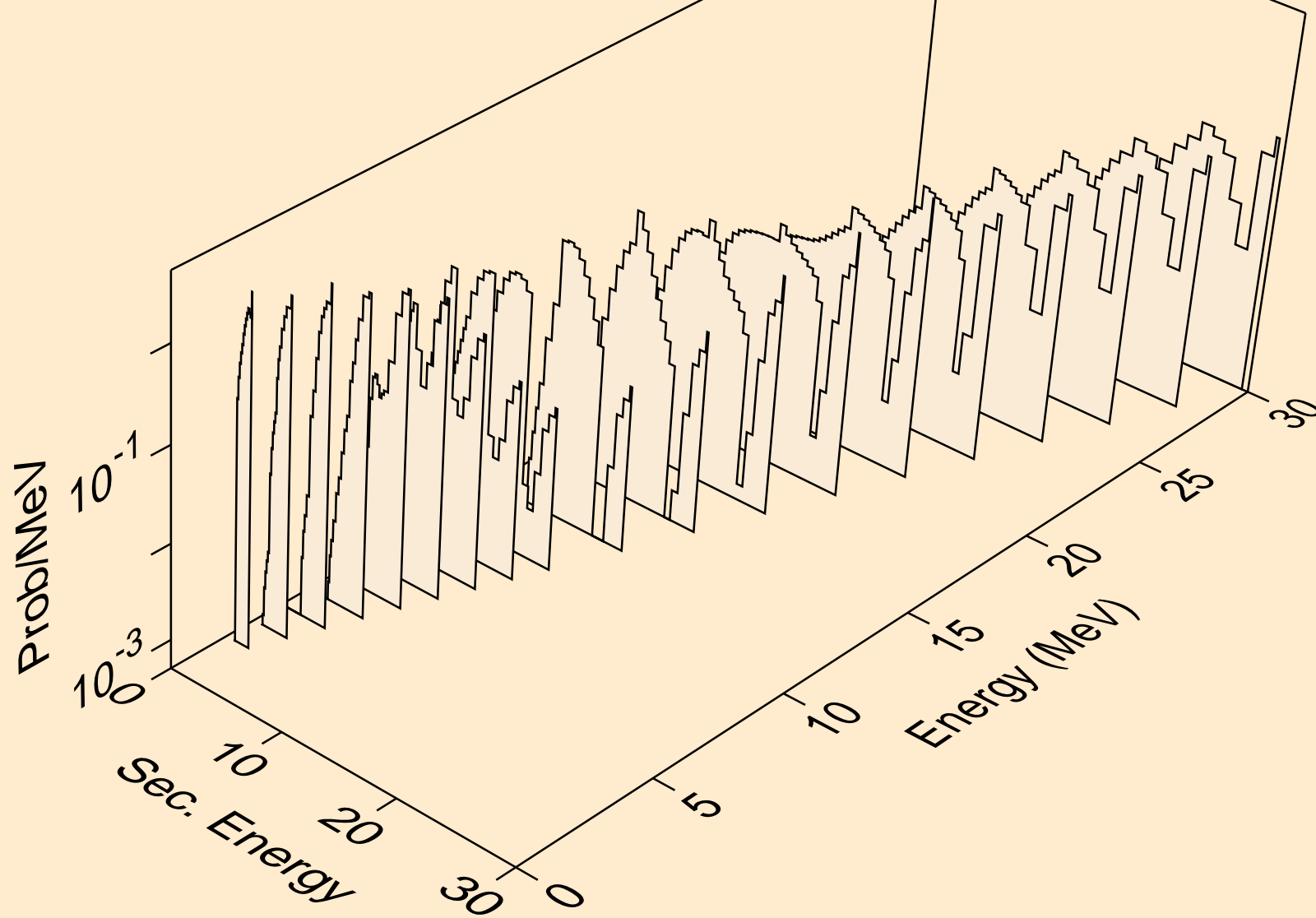
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



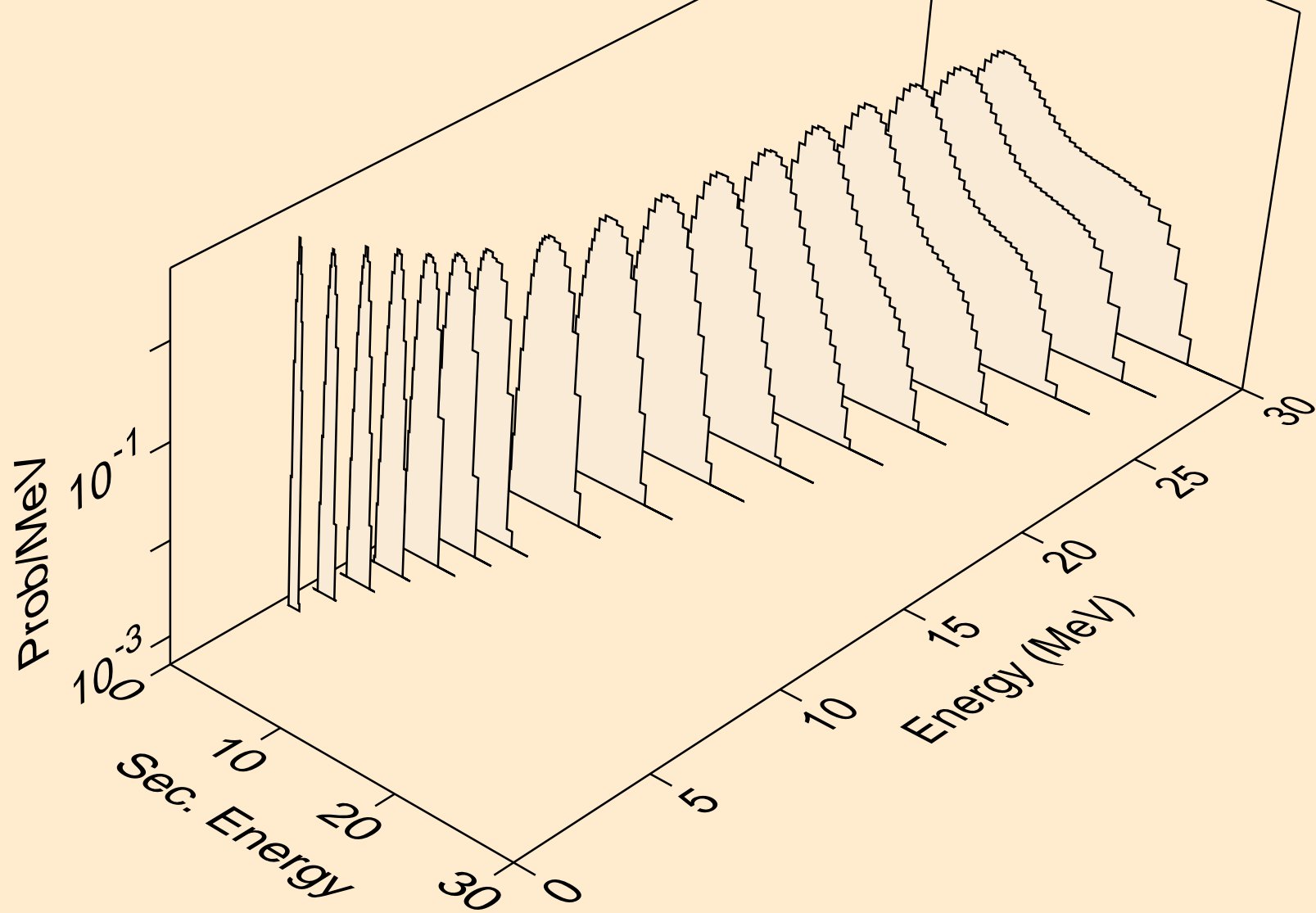
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

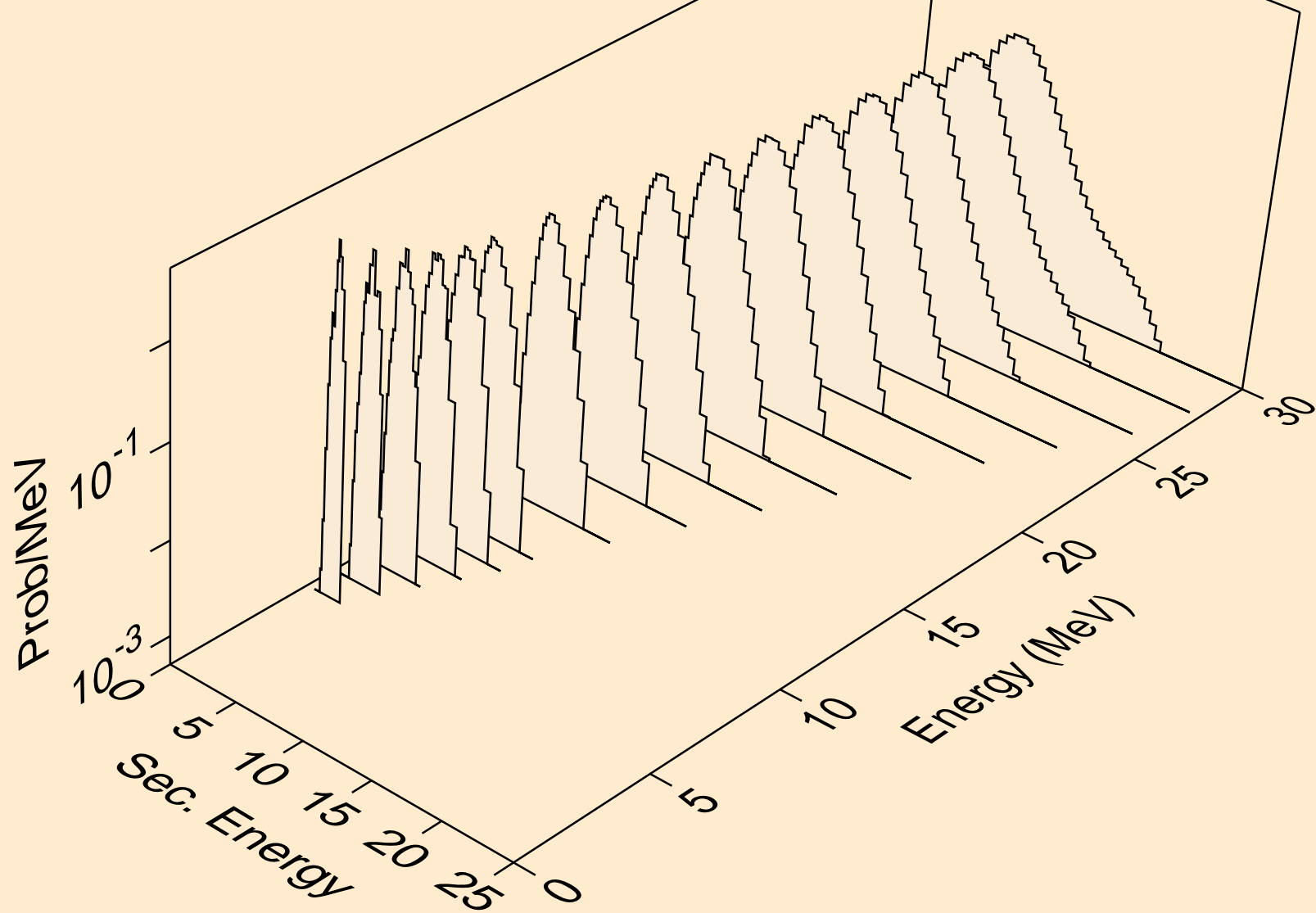


CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

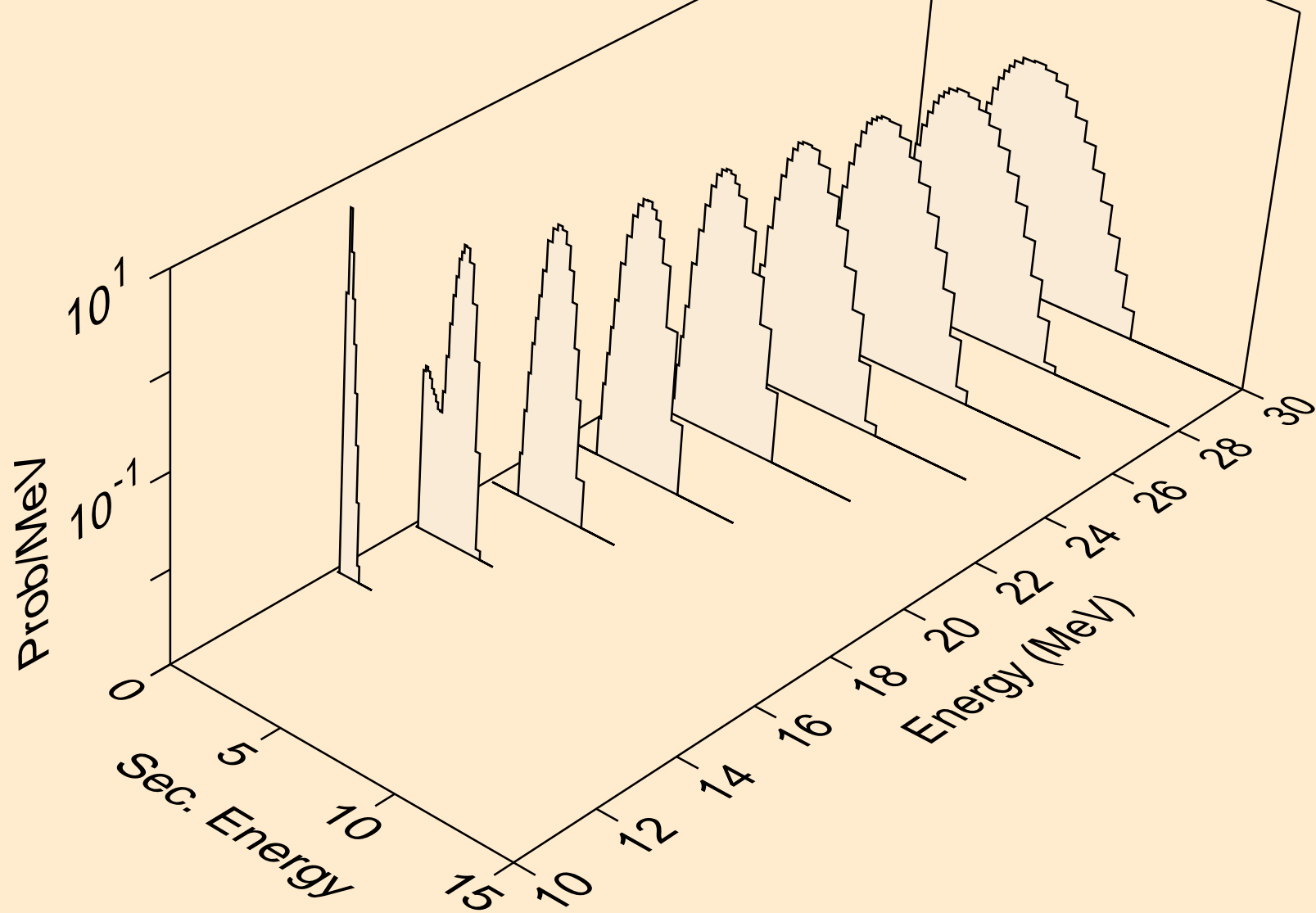




CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)

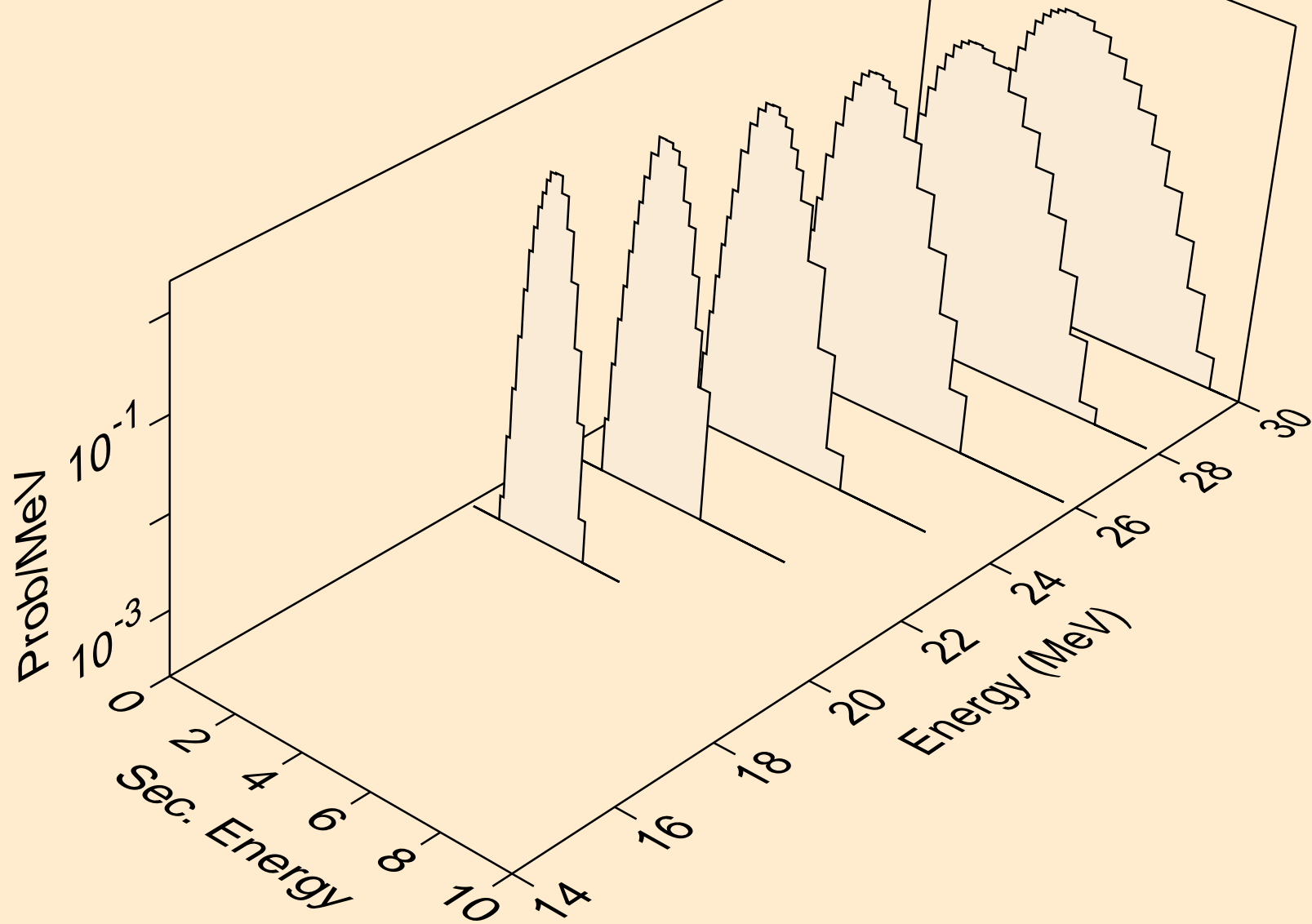


CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)

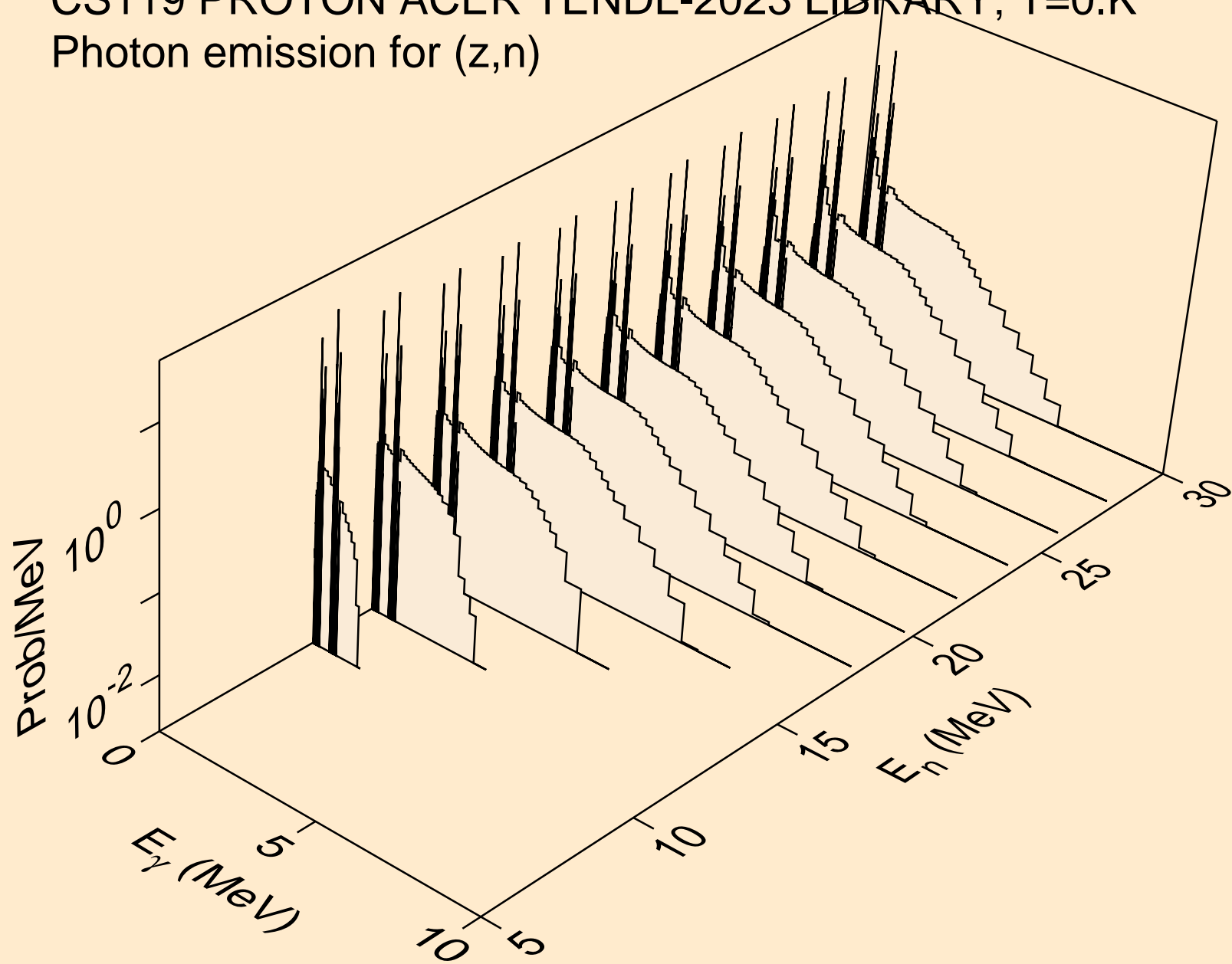


# CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

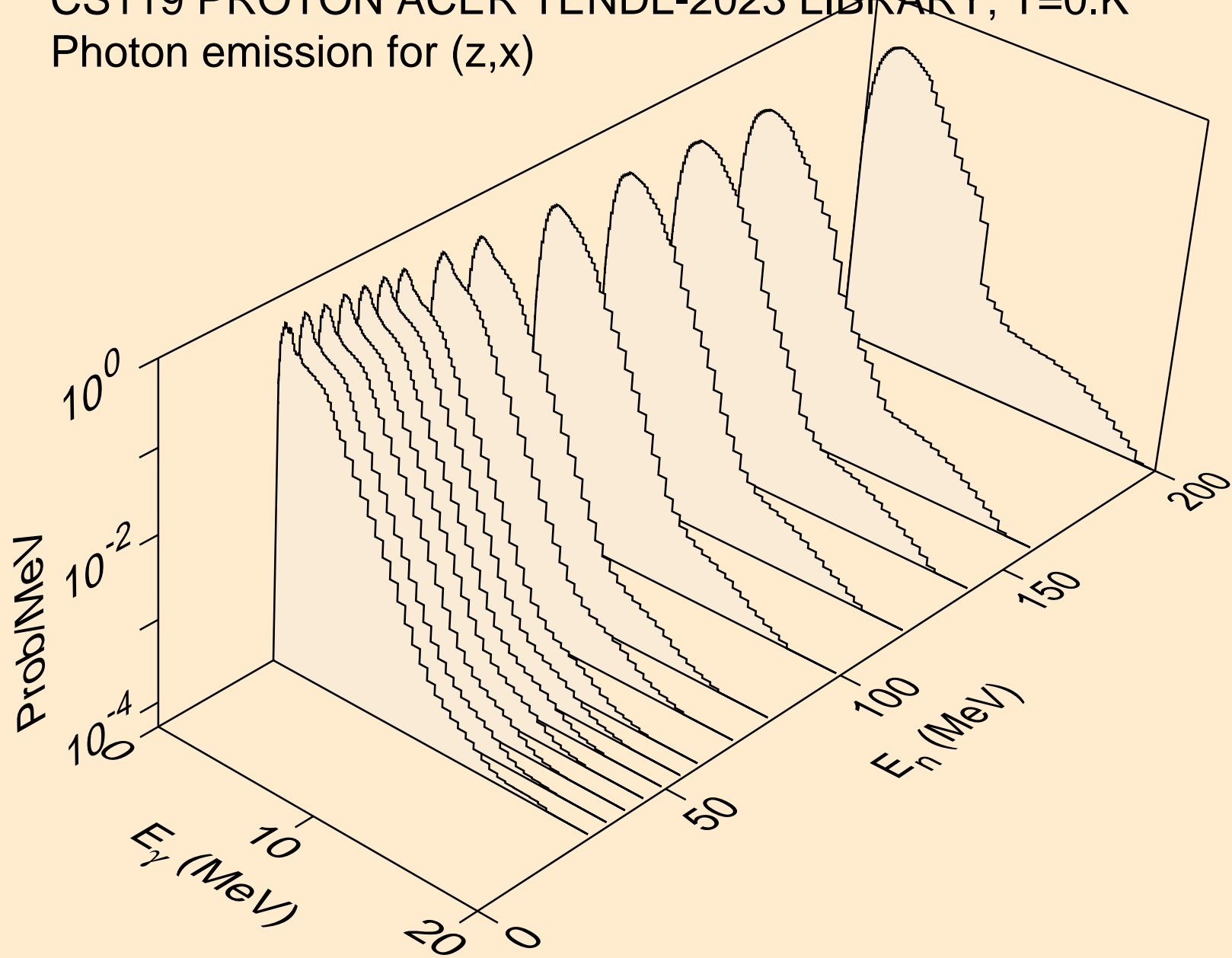
Proton emission for (p,pt)



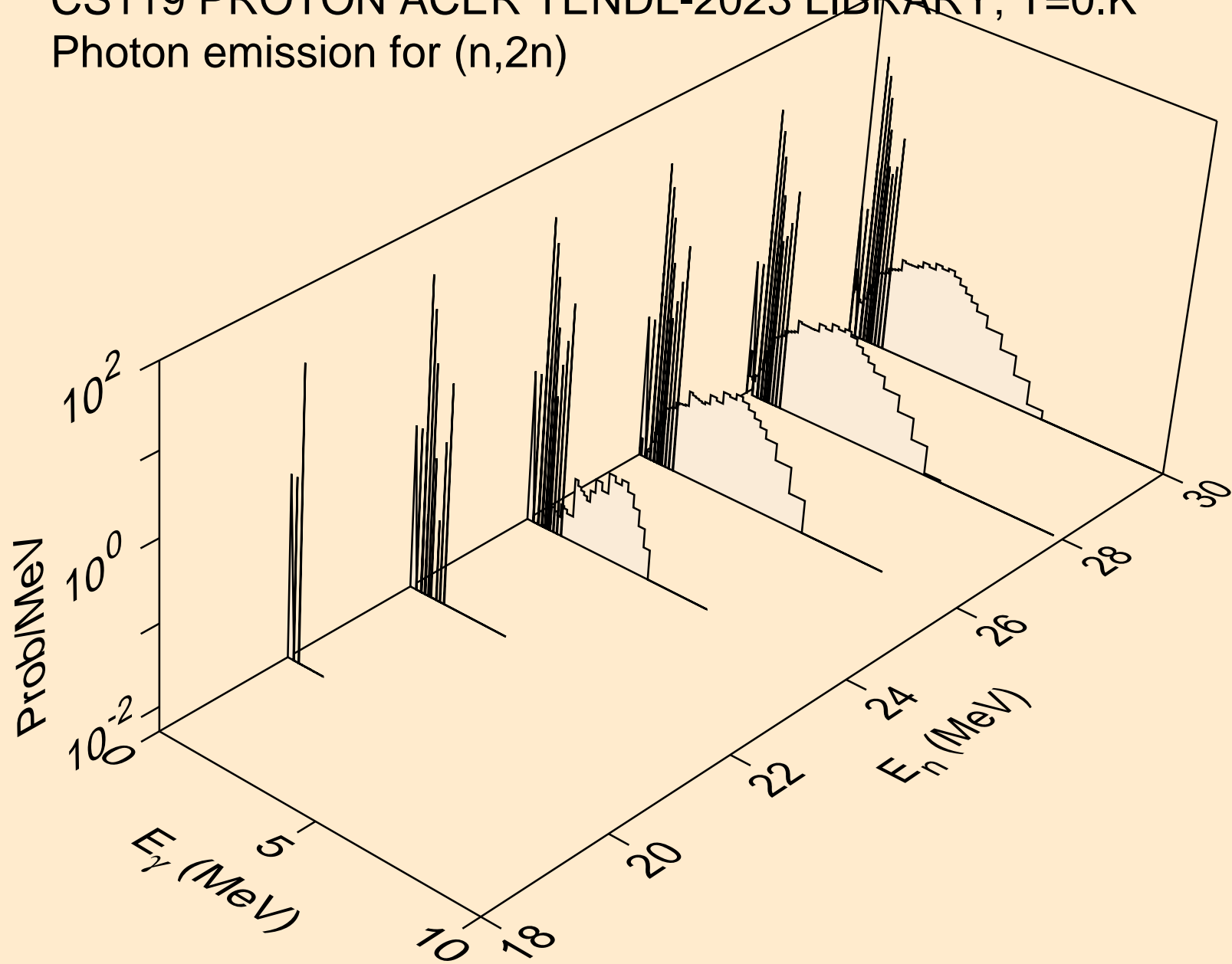
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



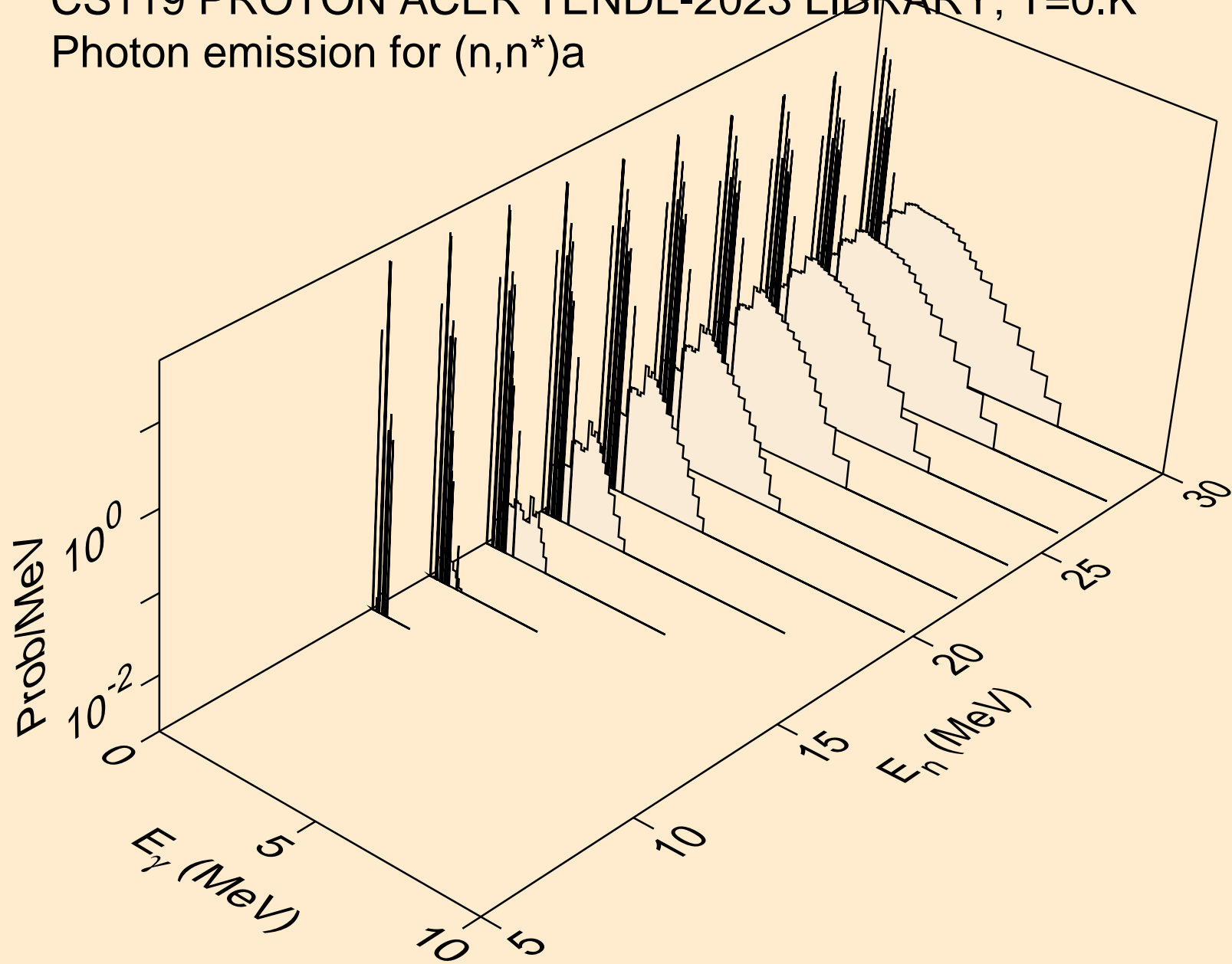
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



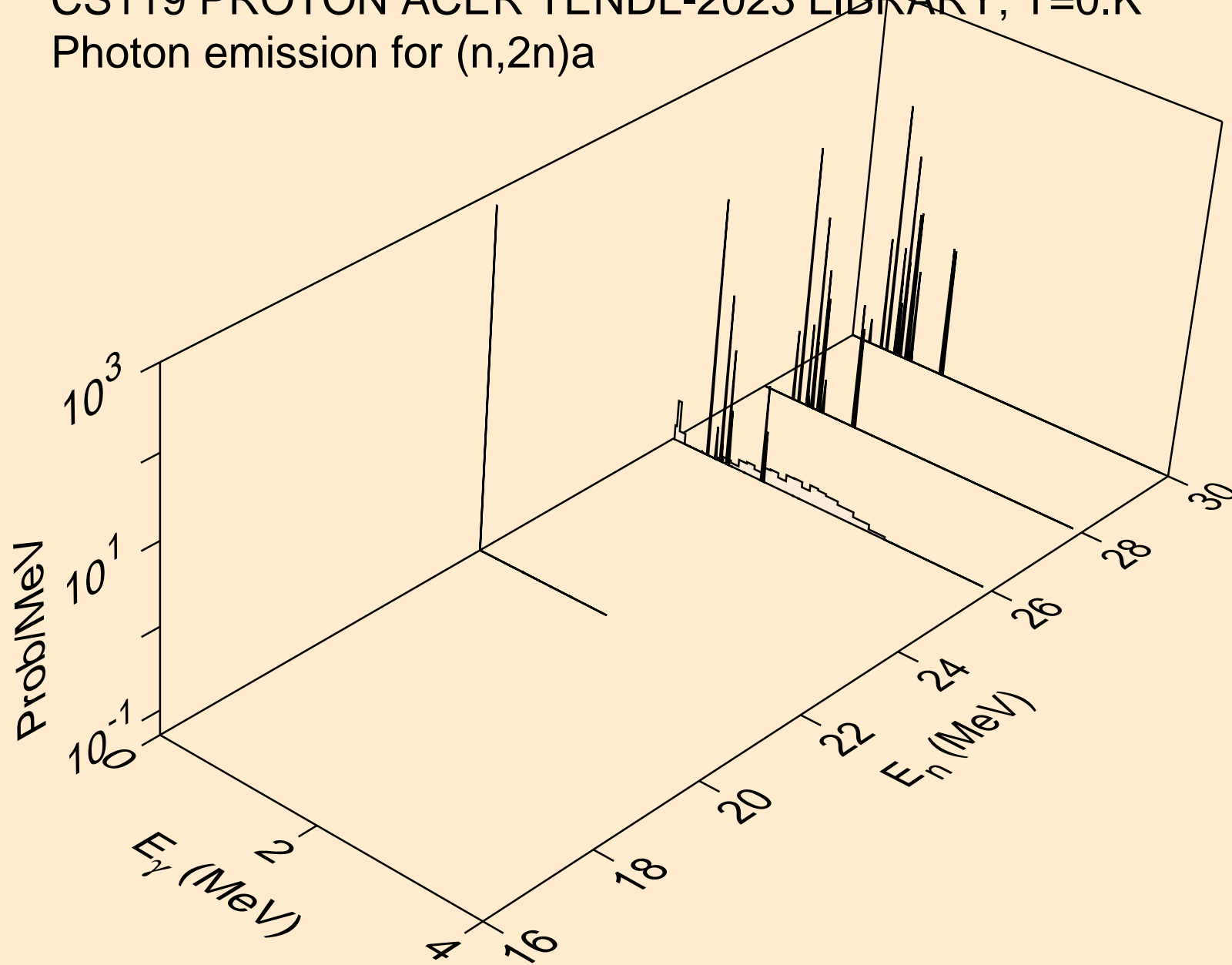
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

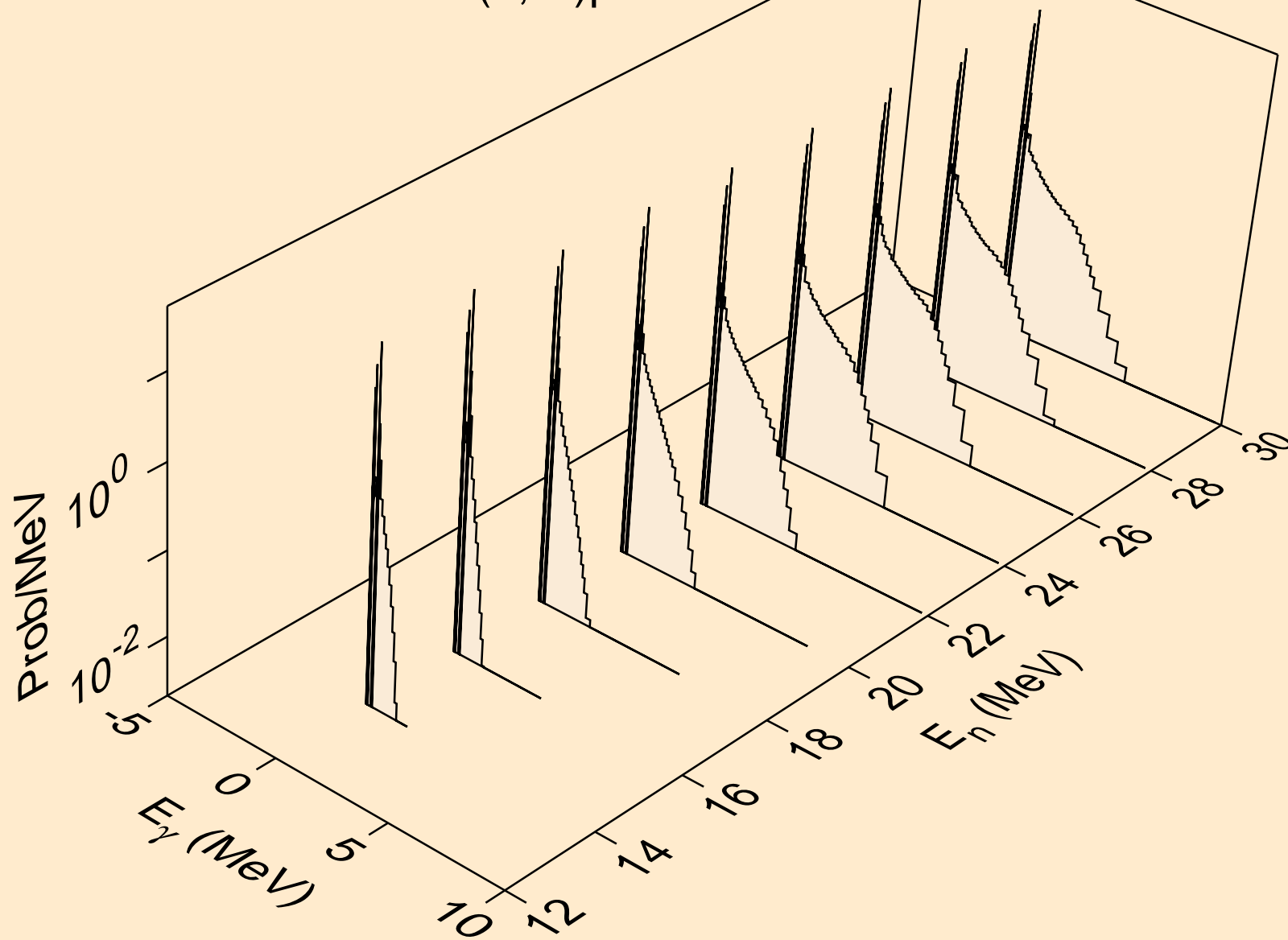


CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

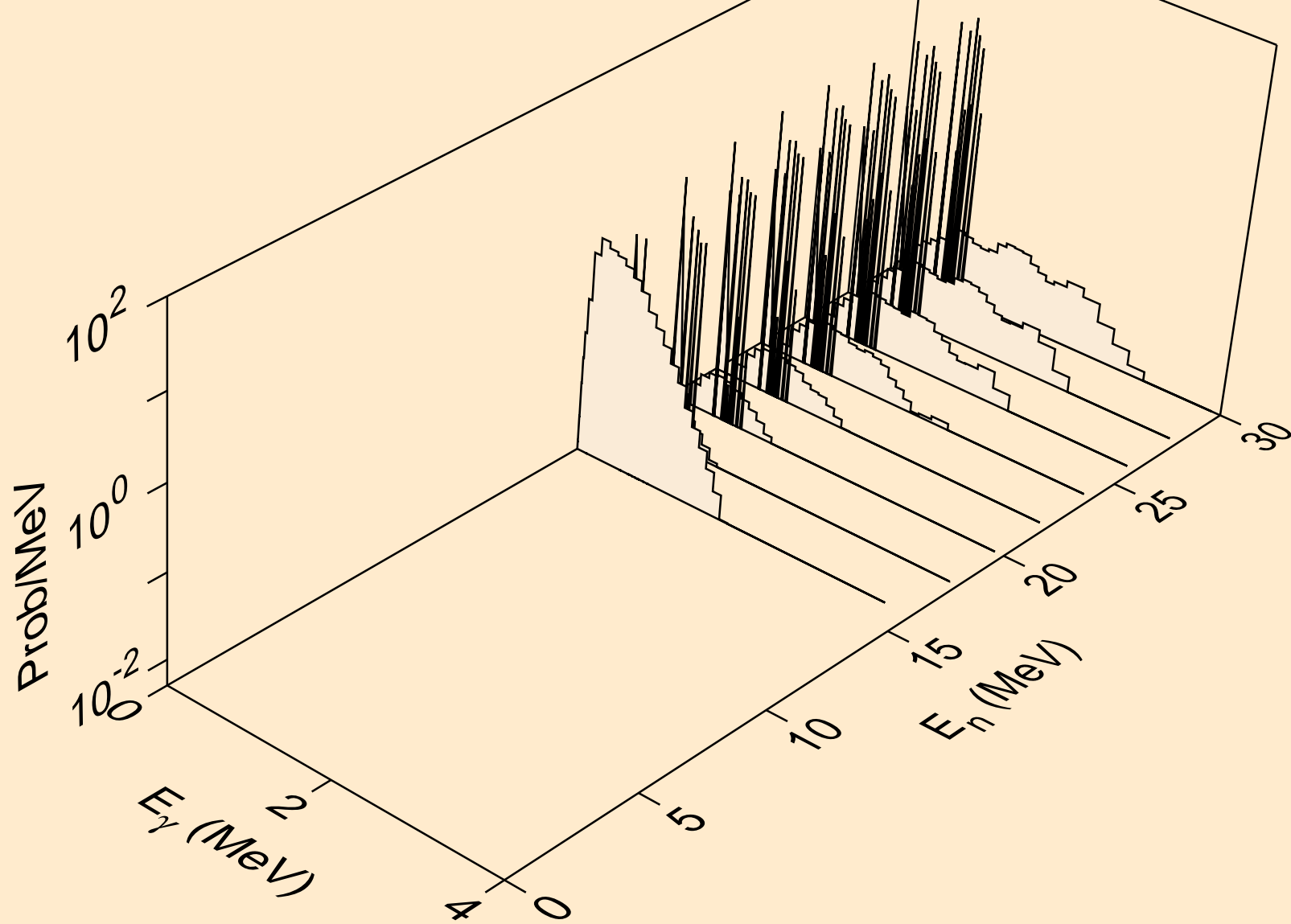




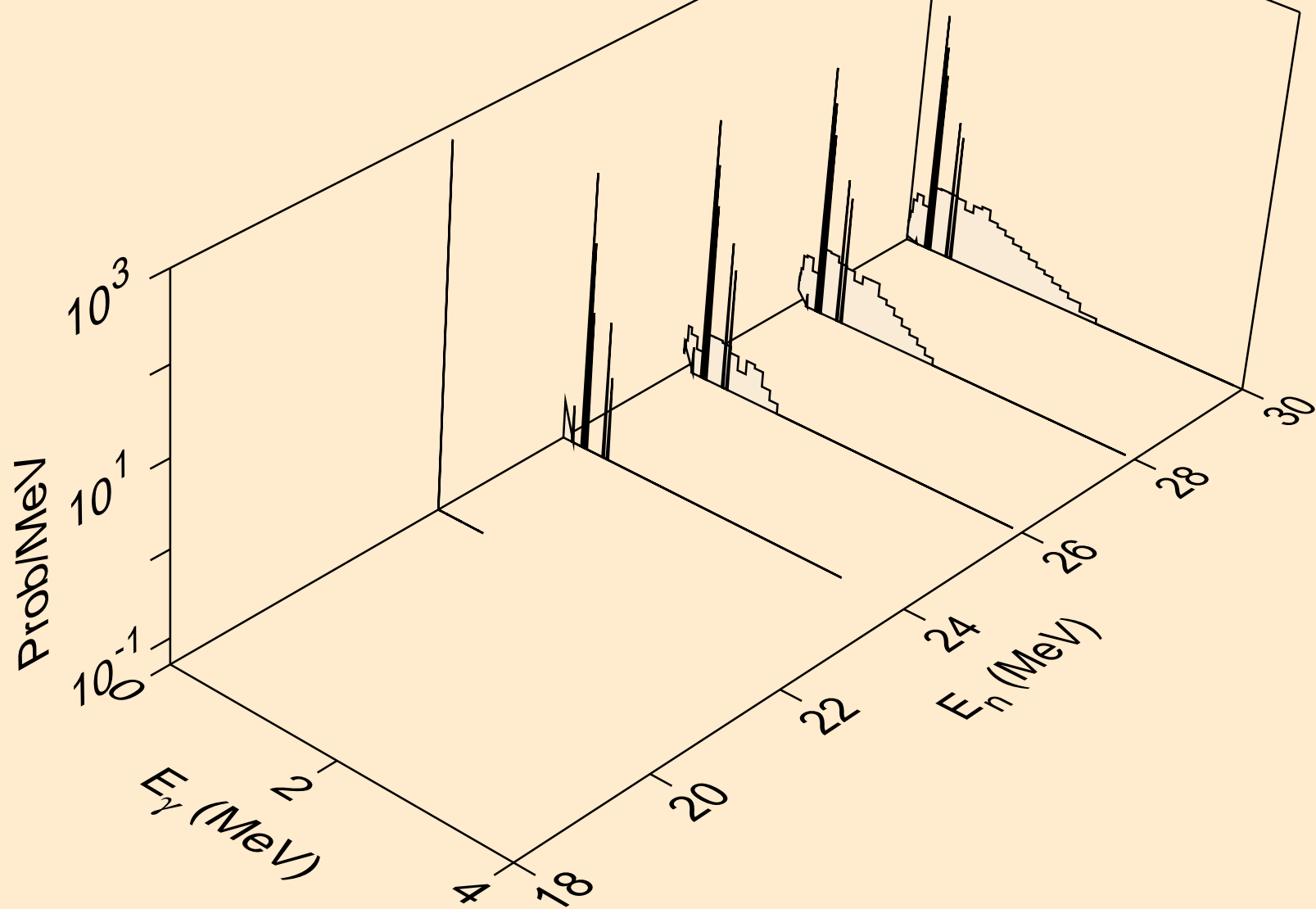
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



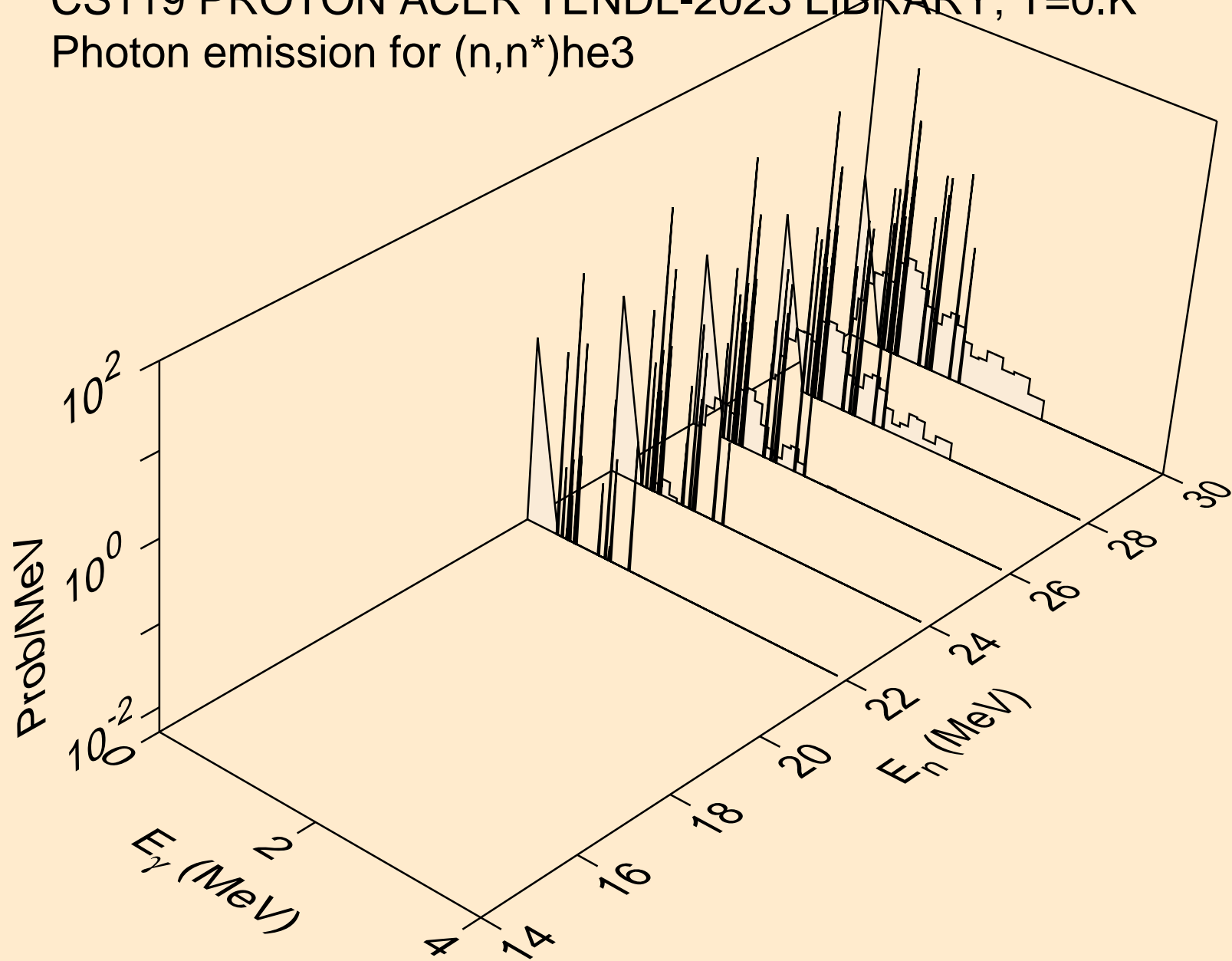
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



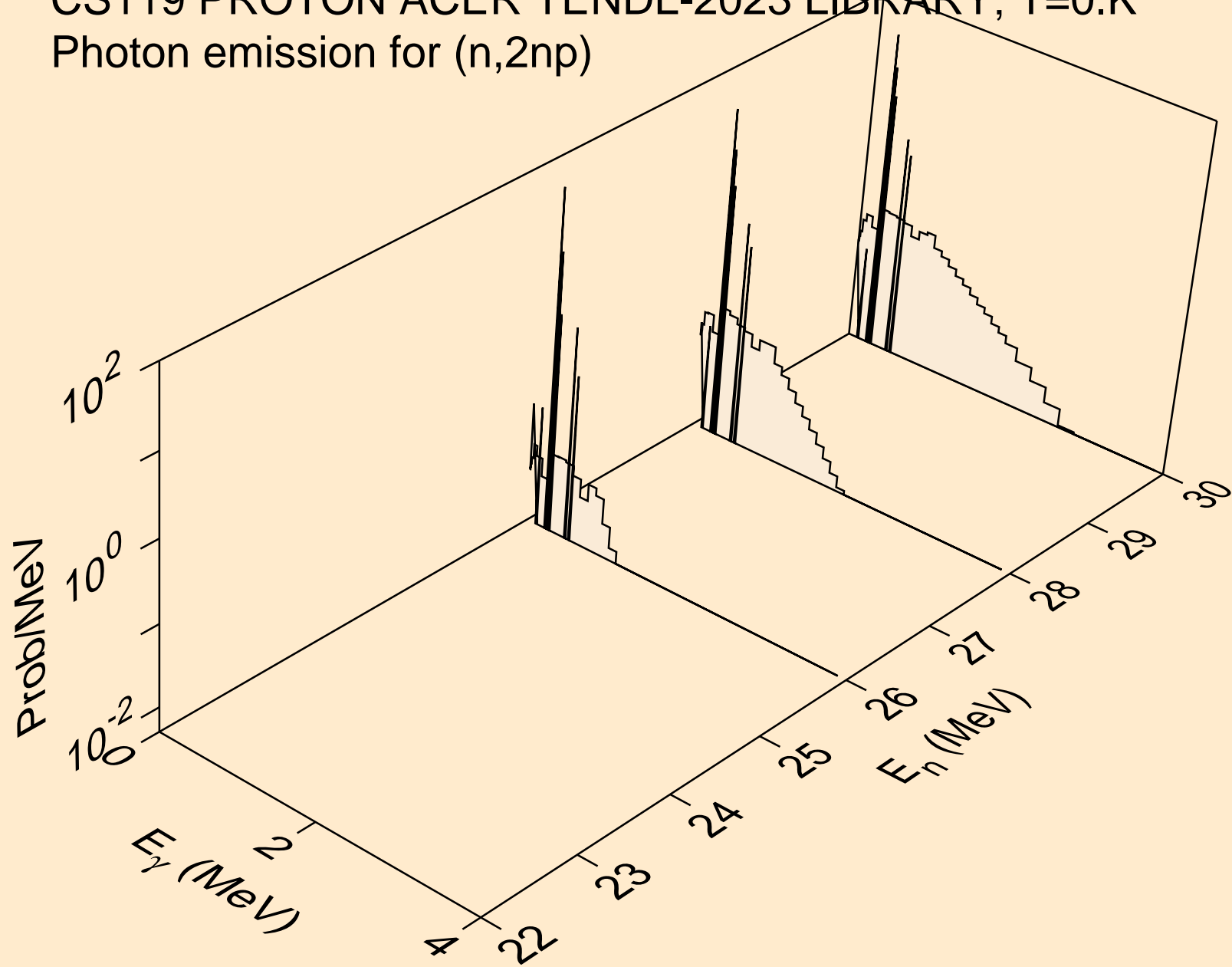
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



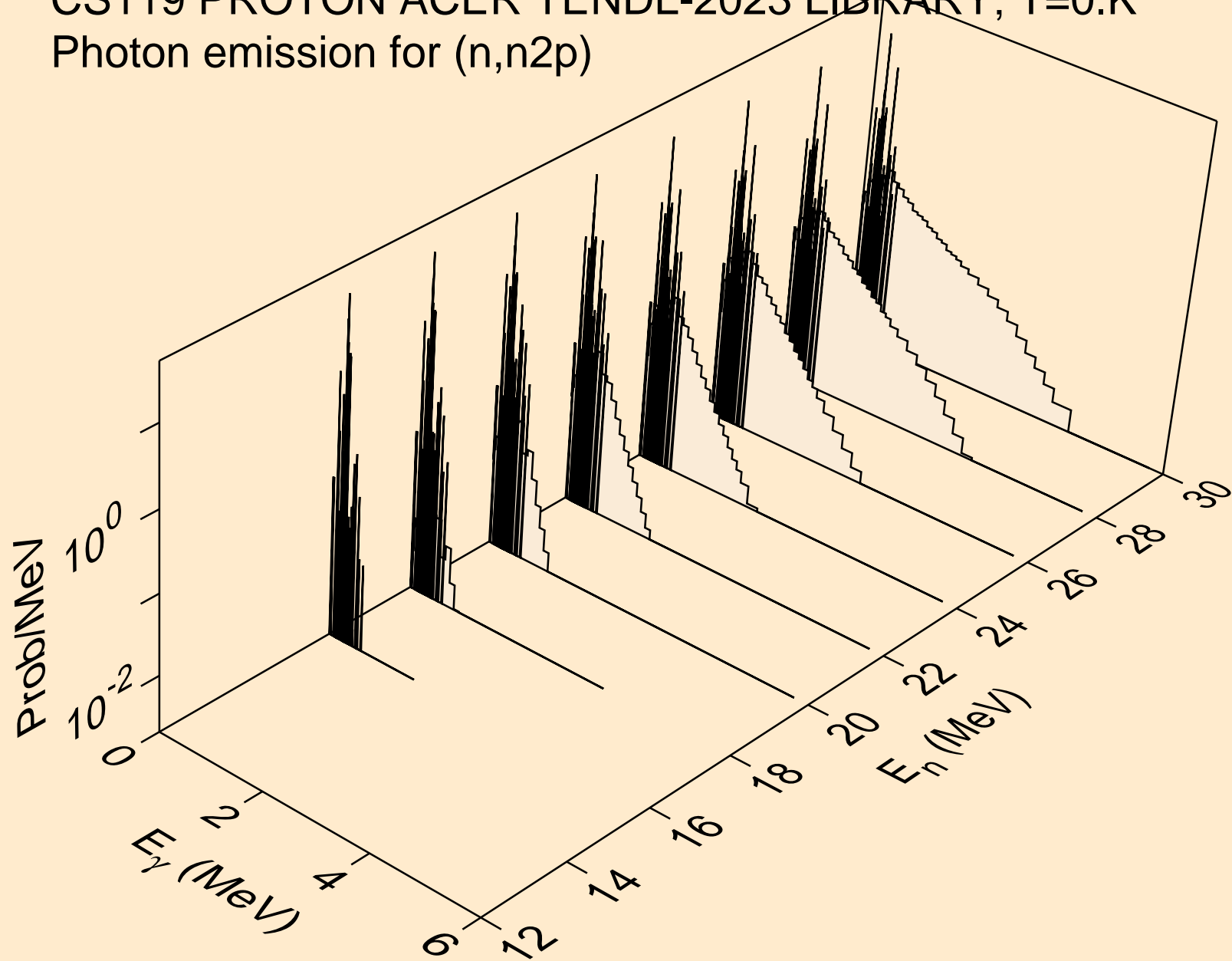
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



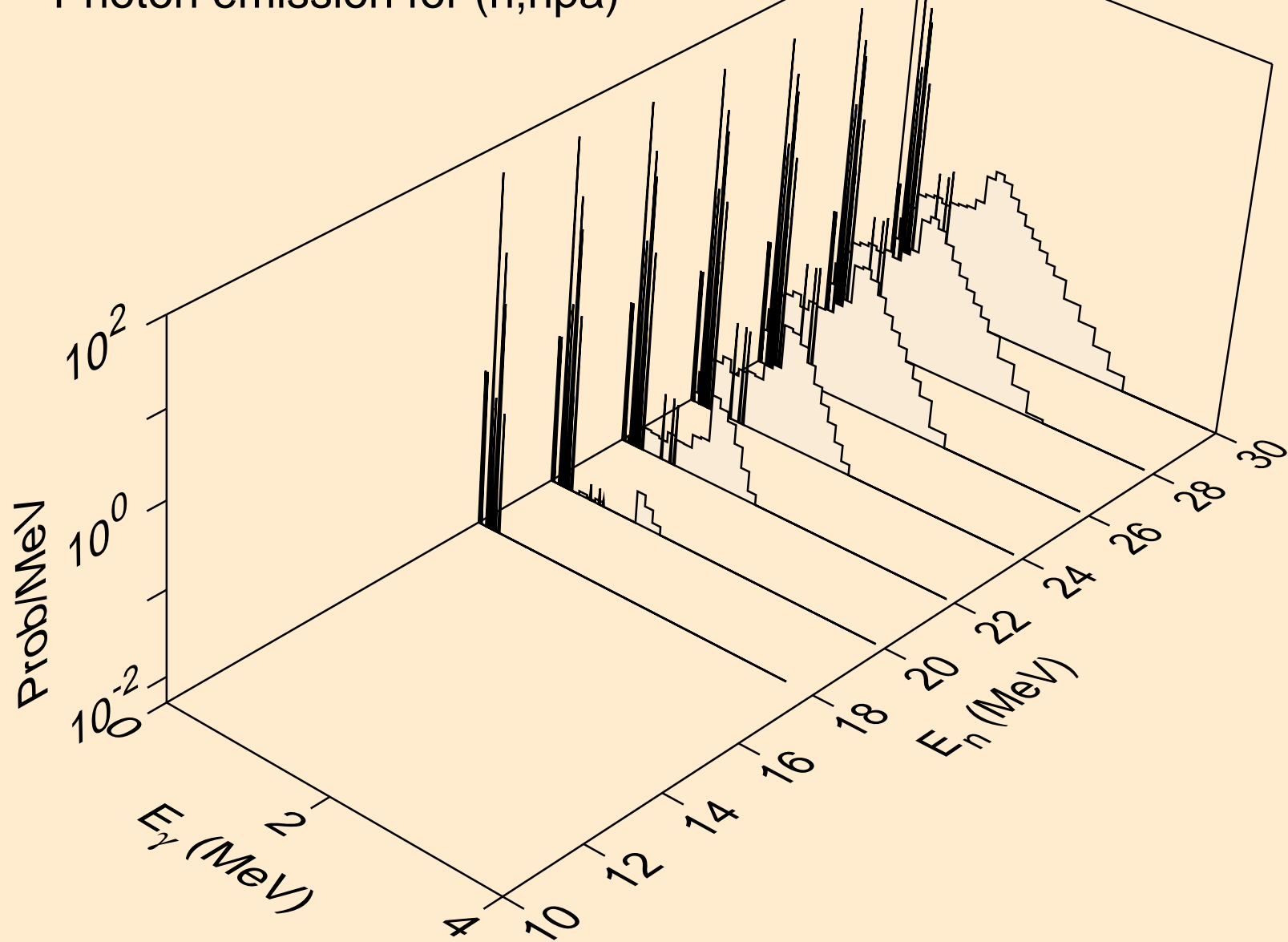
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



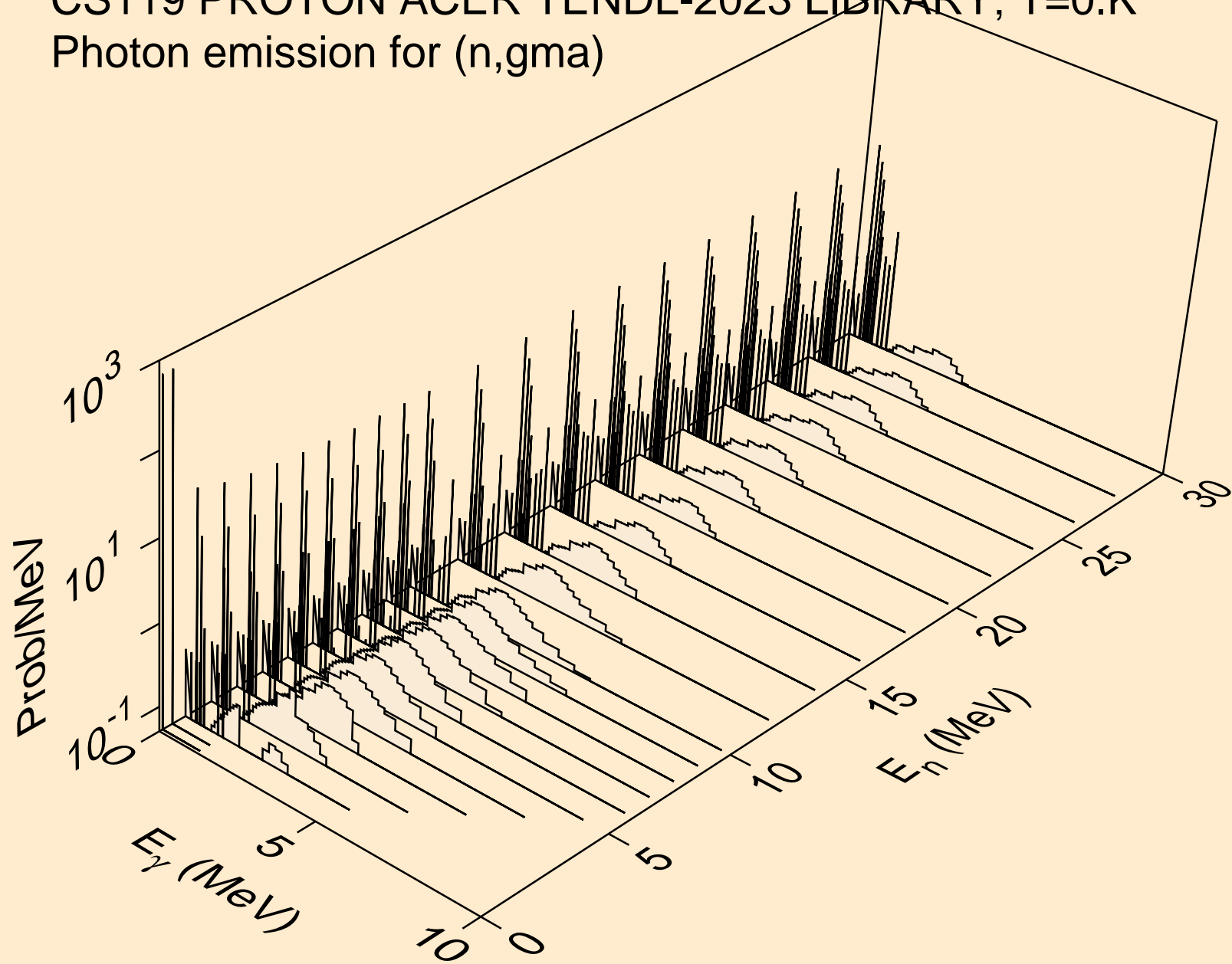
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

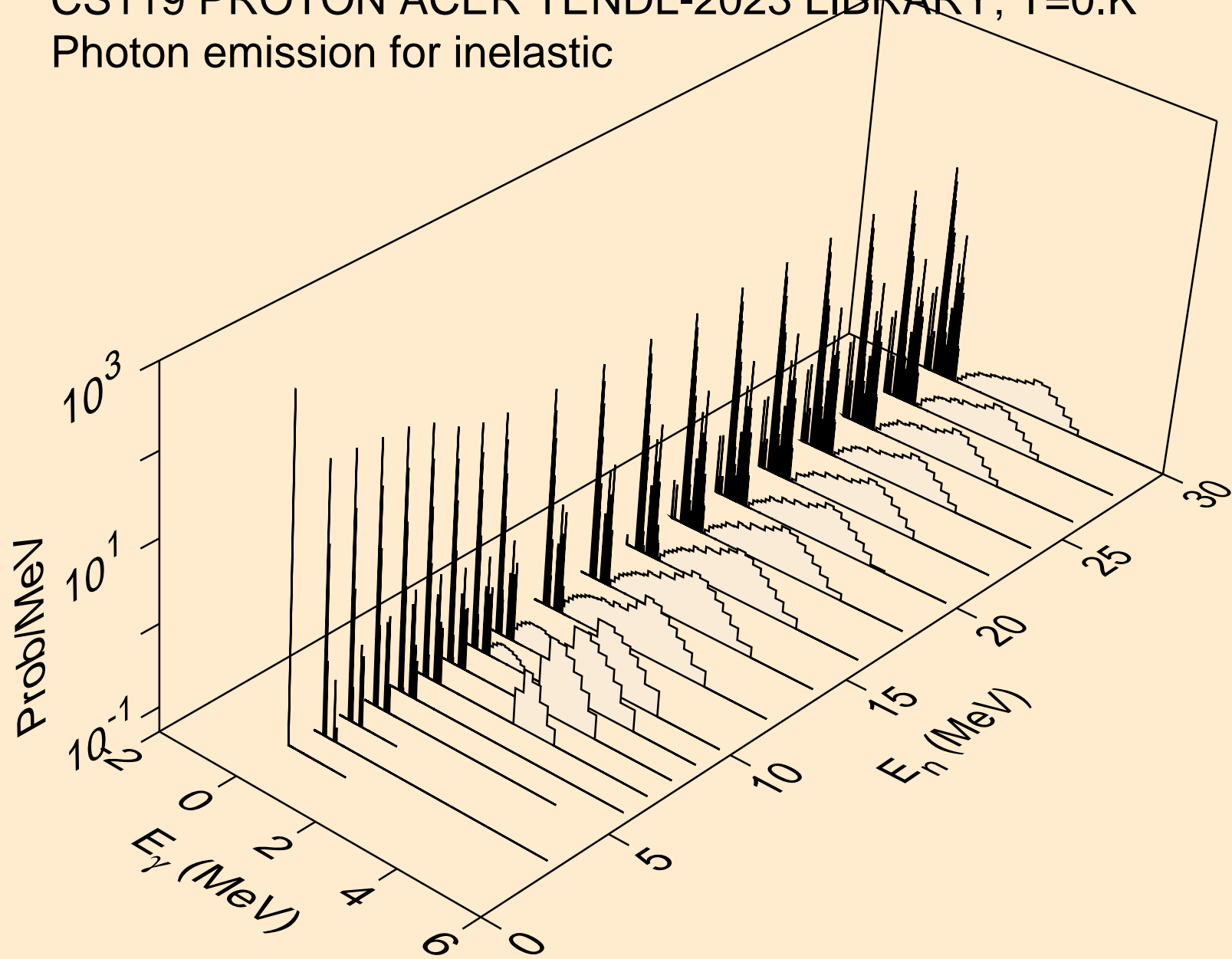


CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

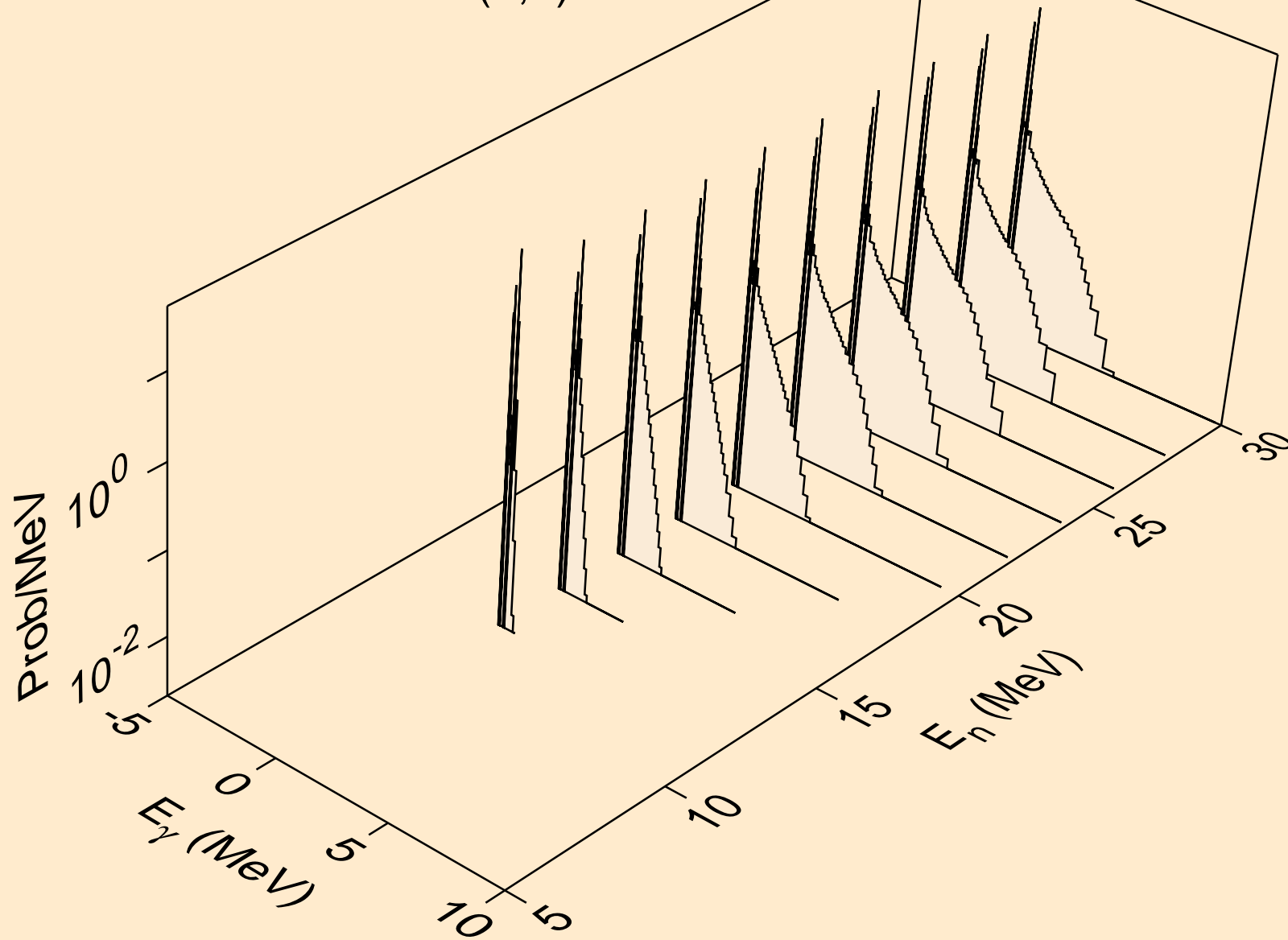




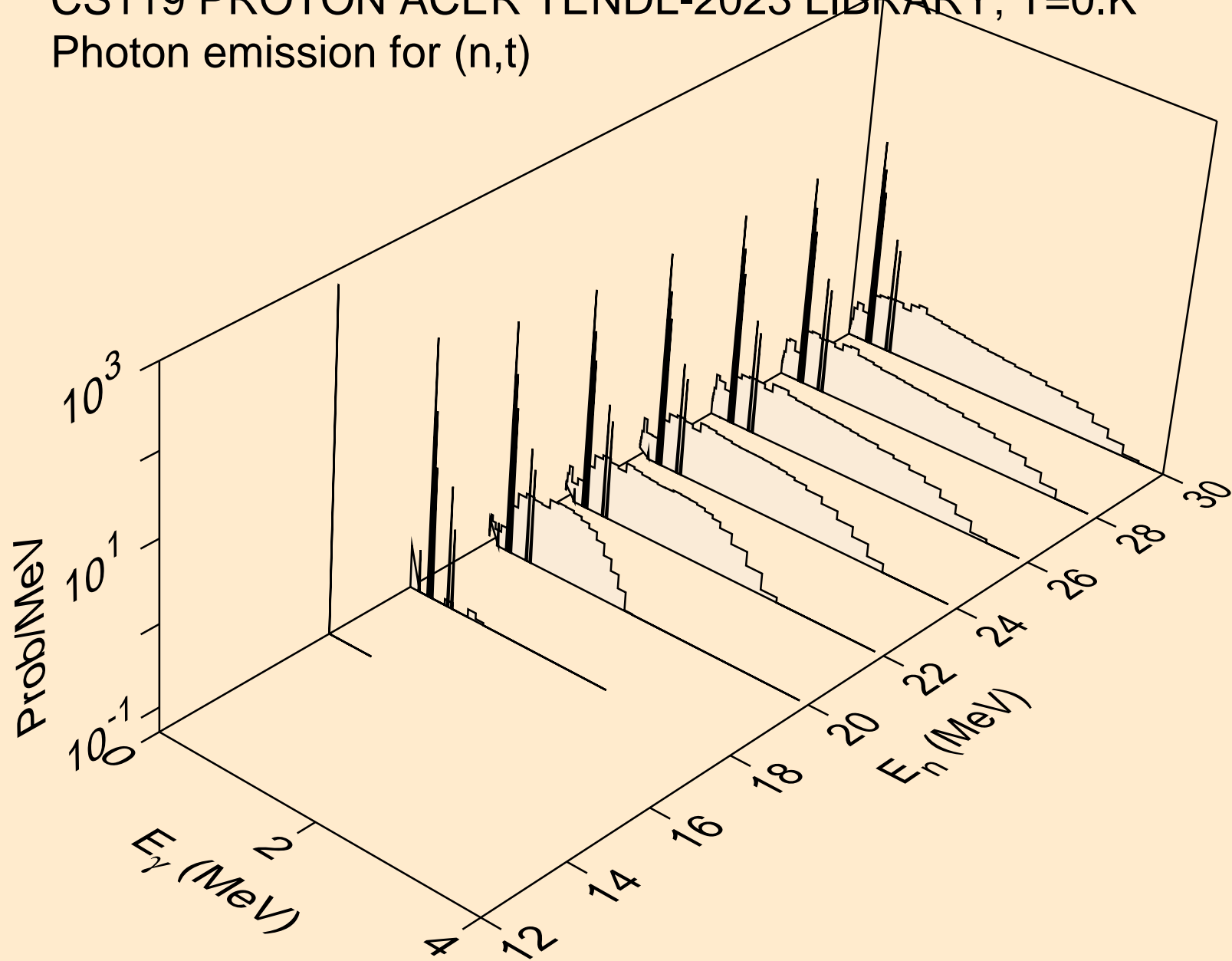
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



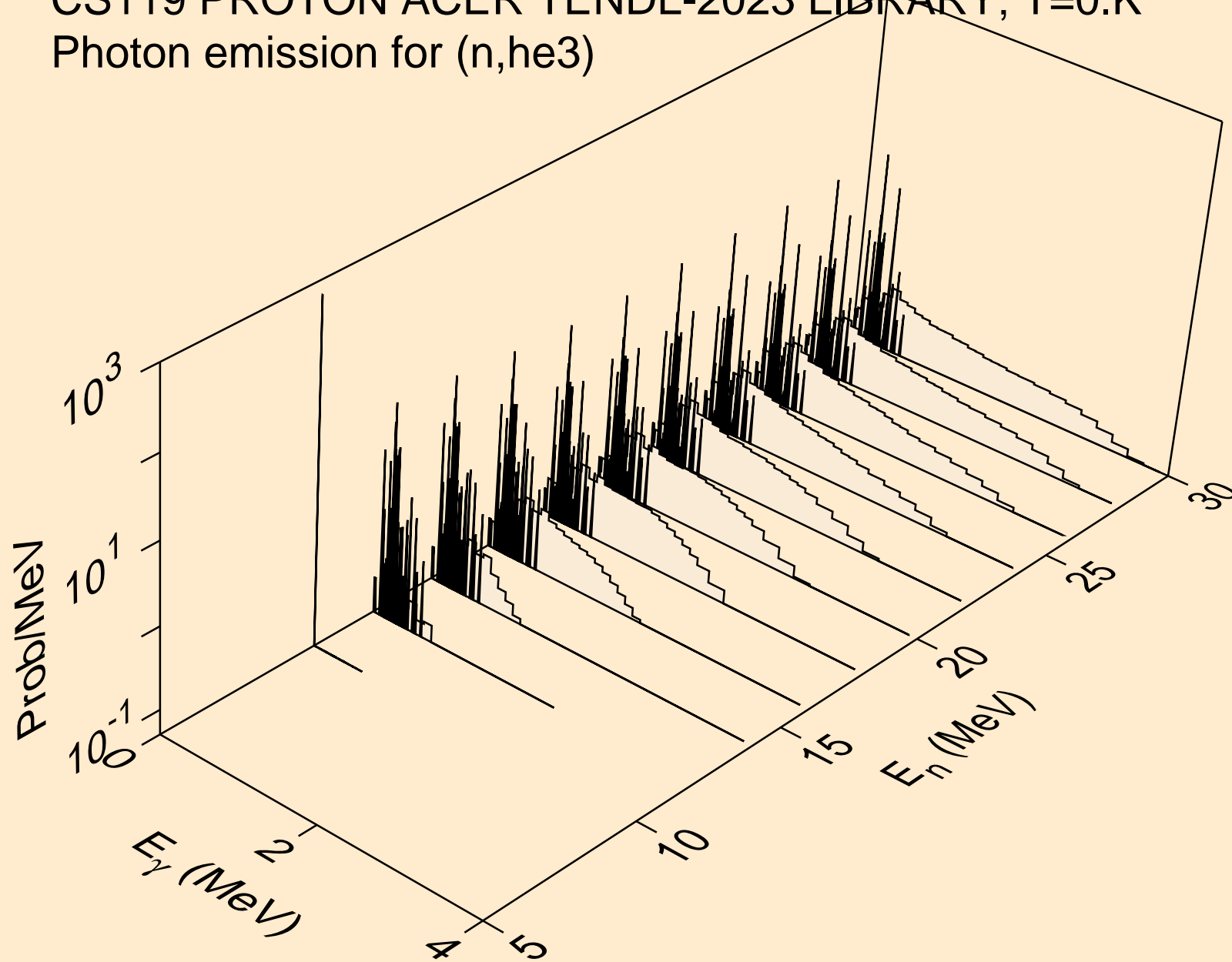
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



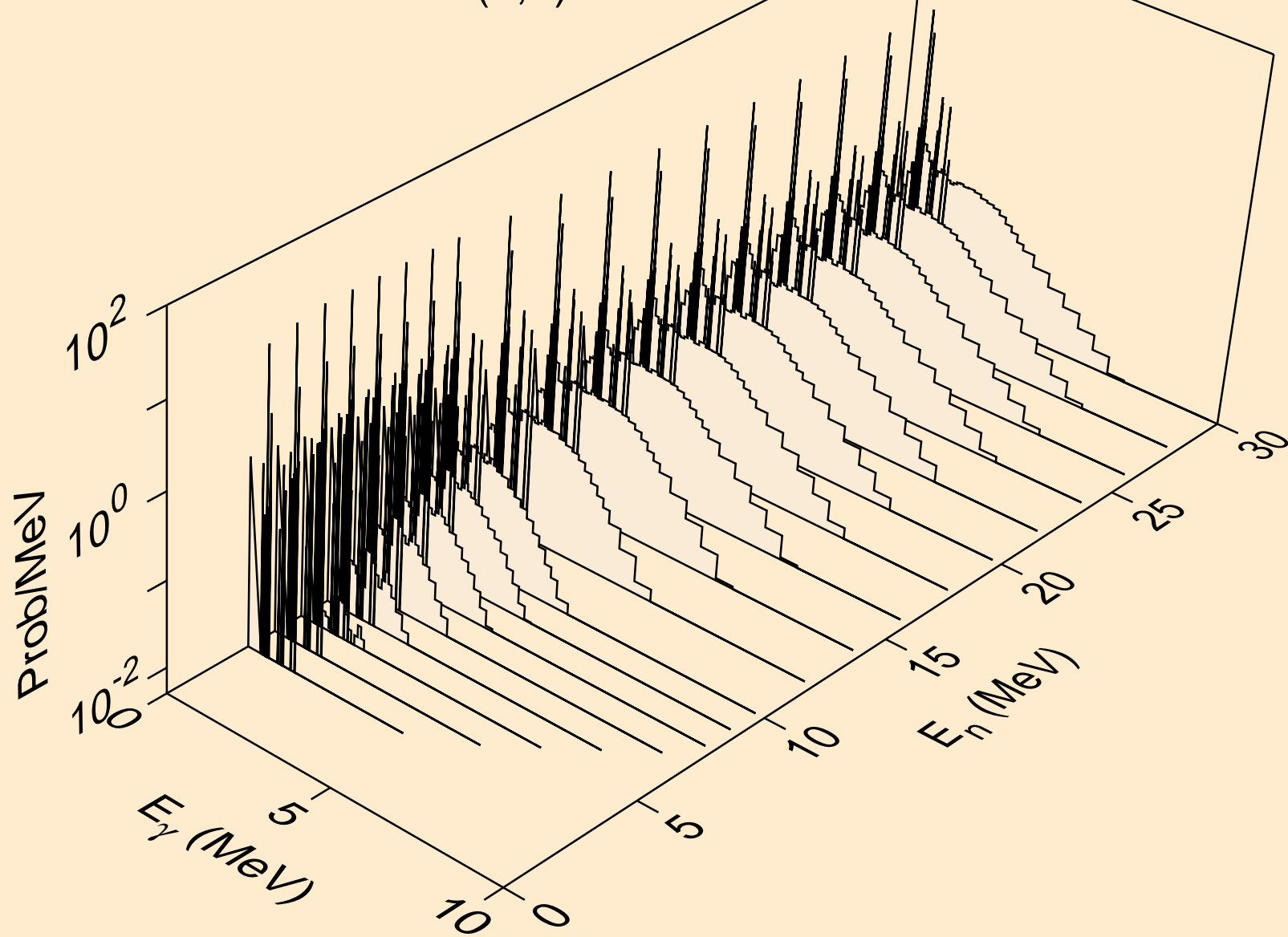
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



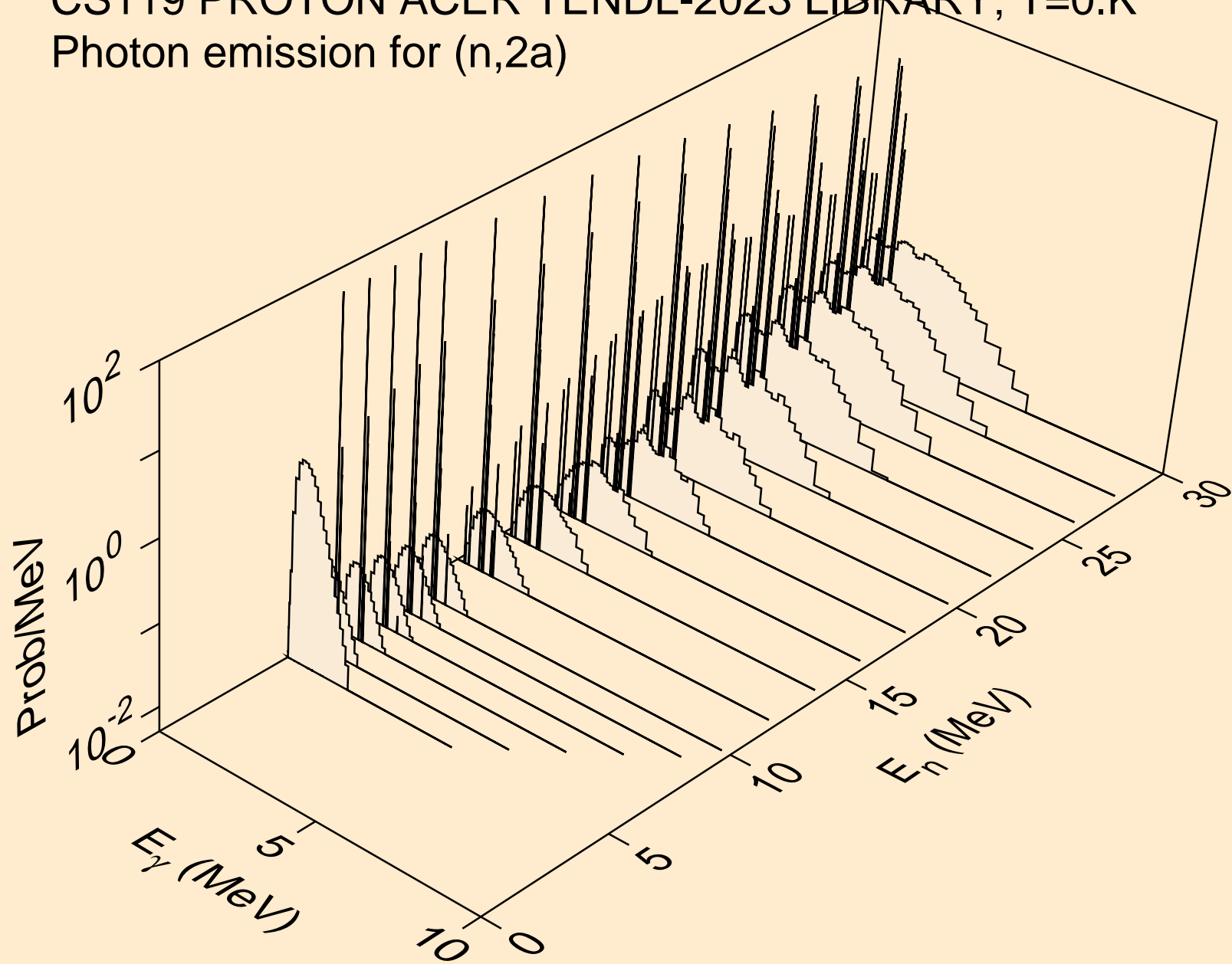
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Photon emission for (n,he3)



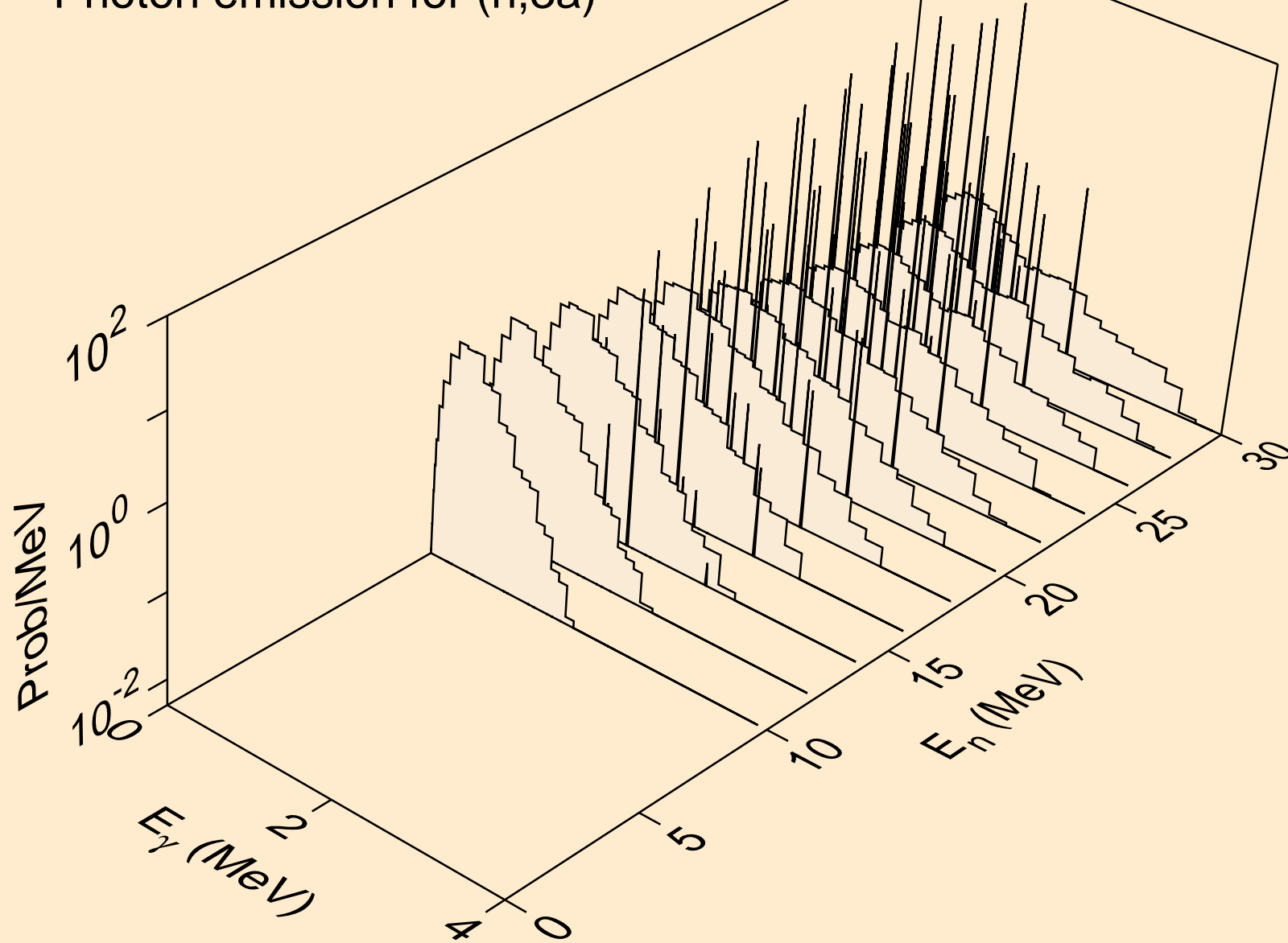
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



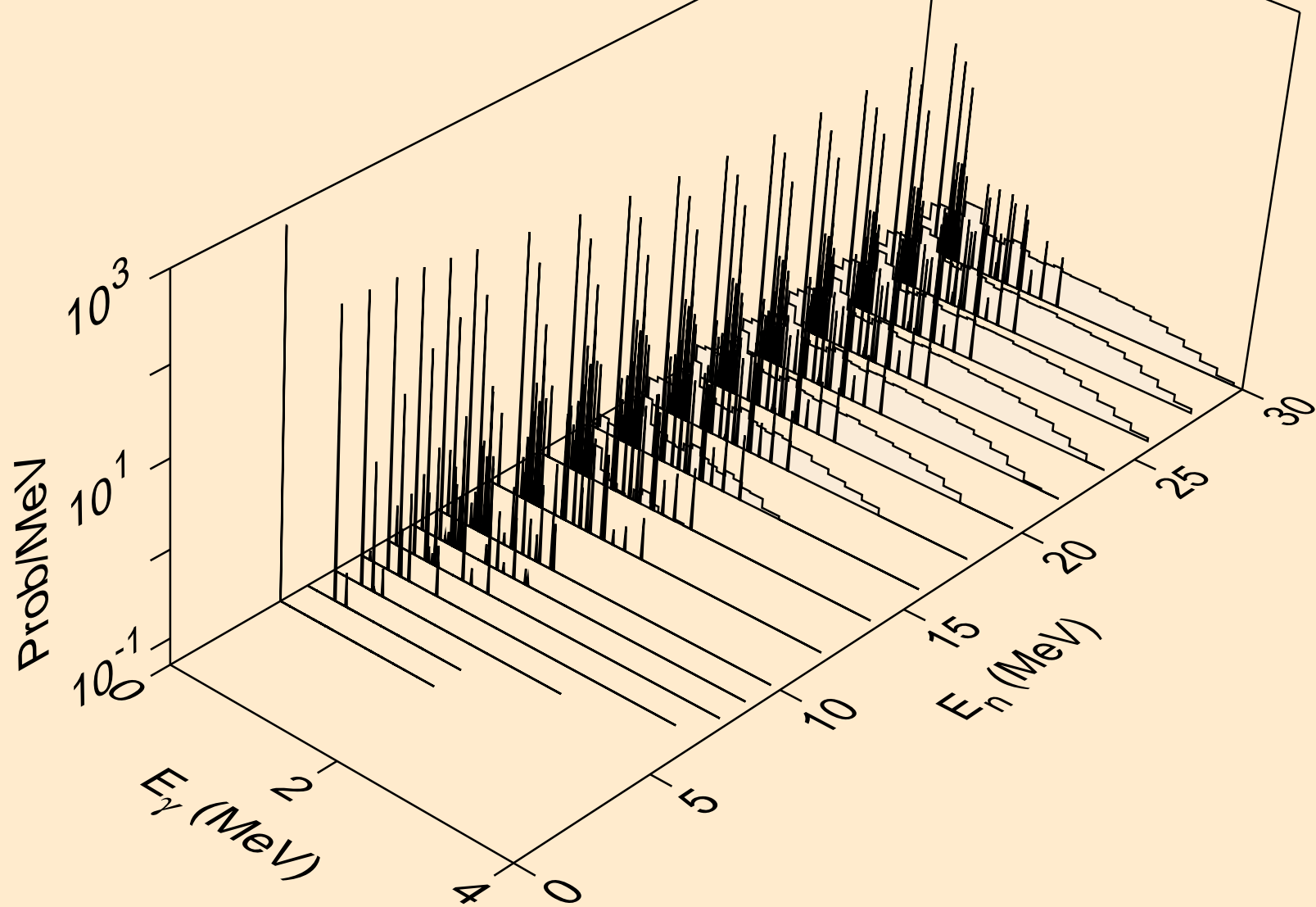
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)

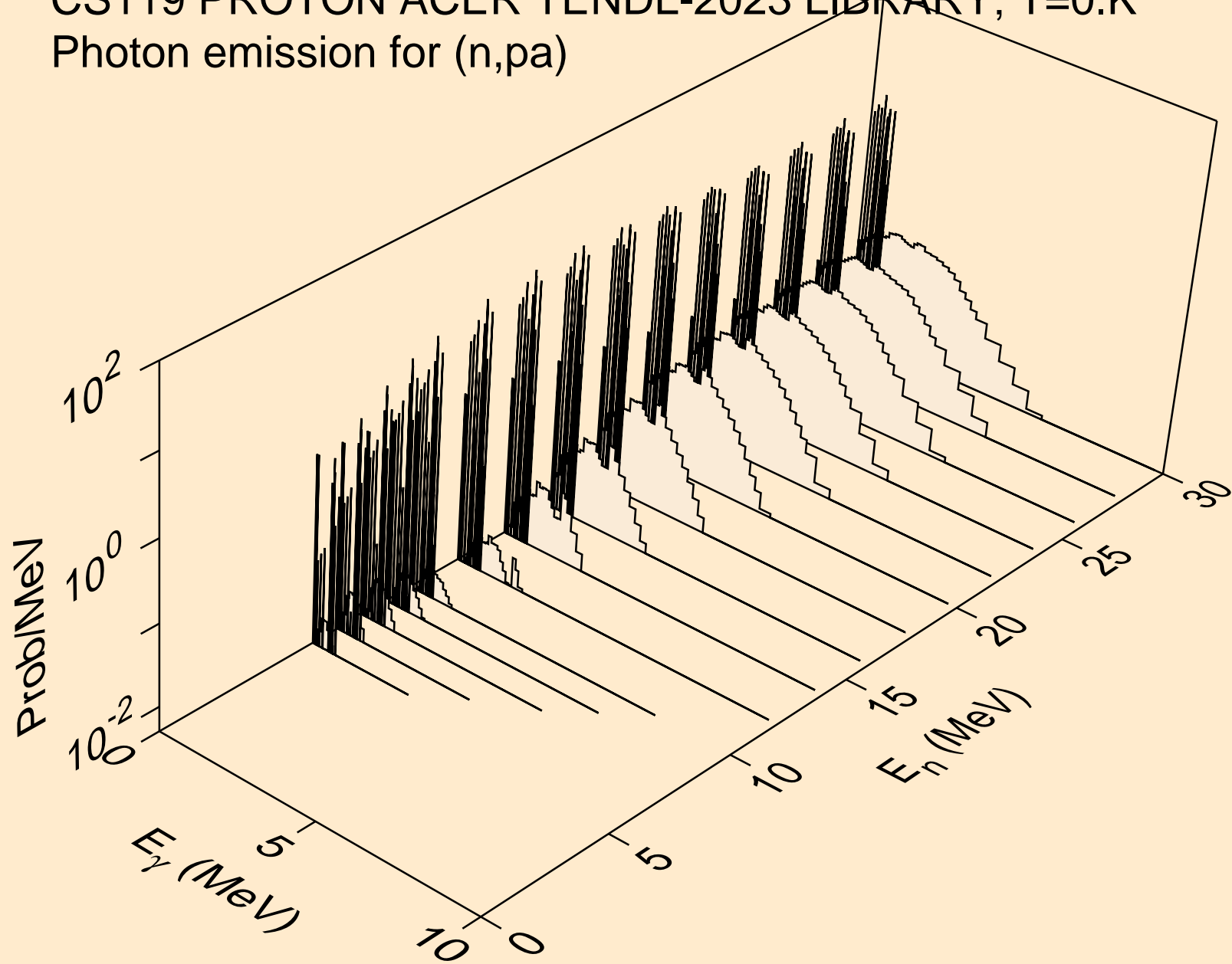


CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

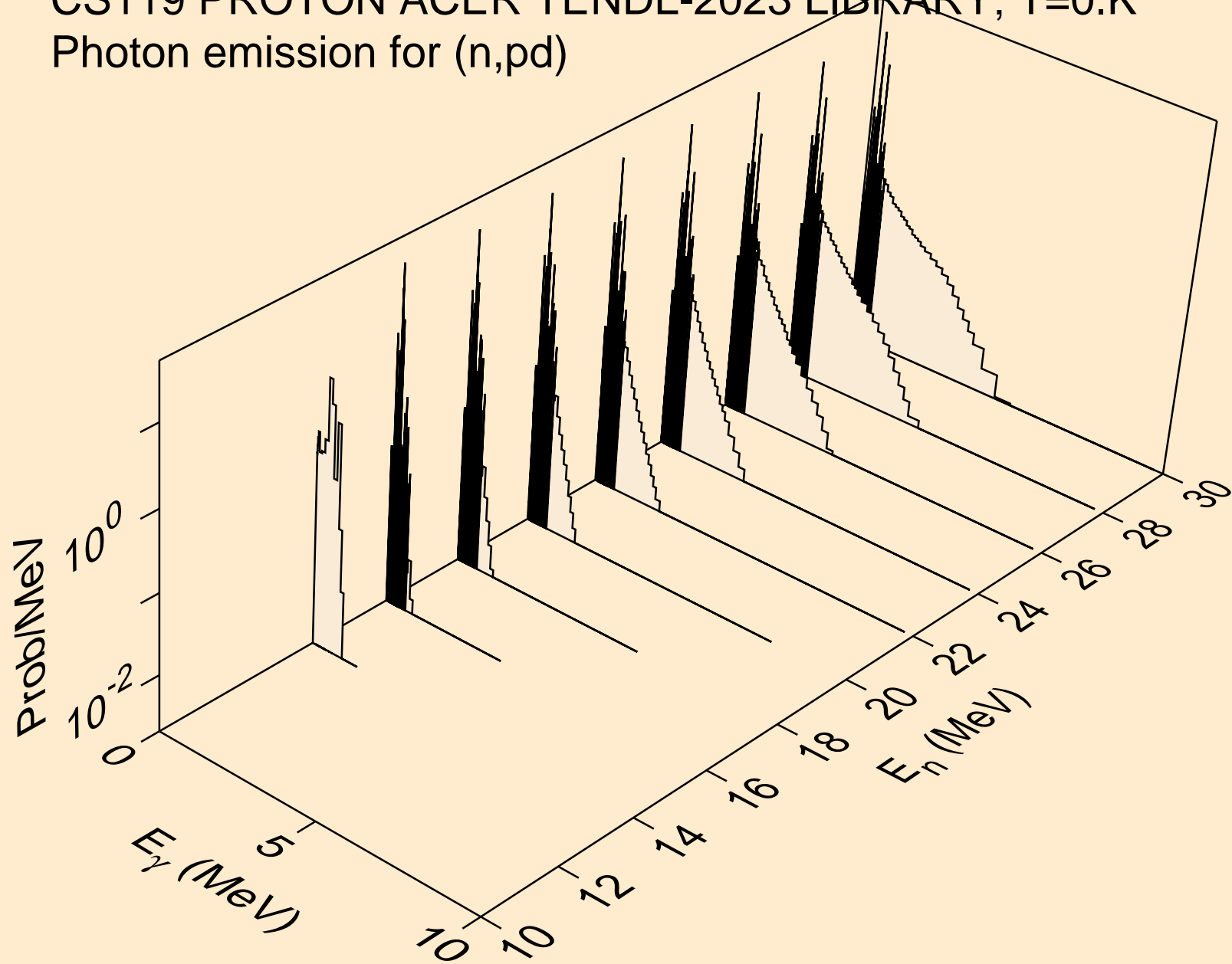




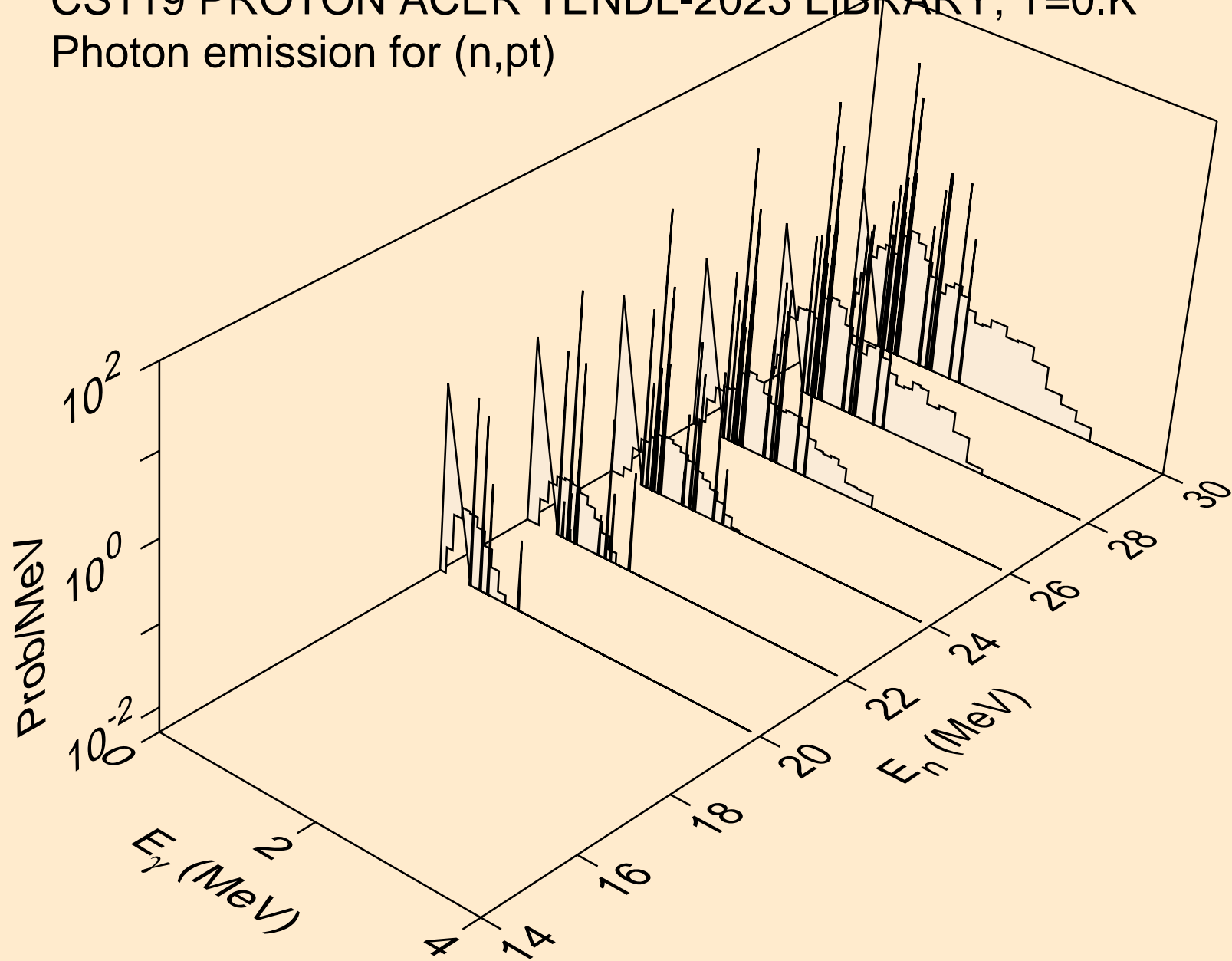
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



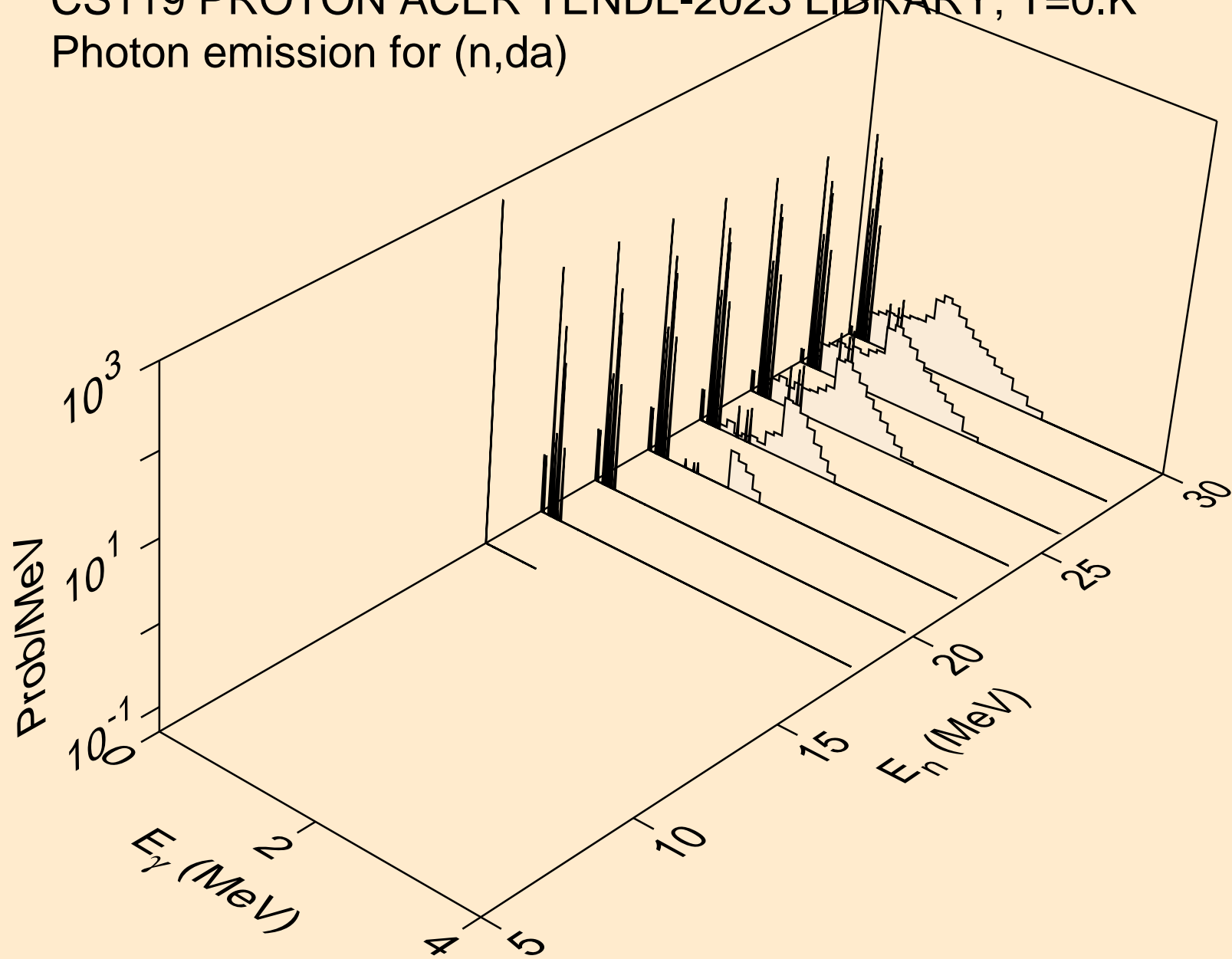
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

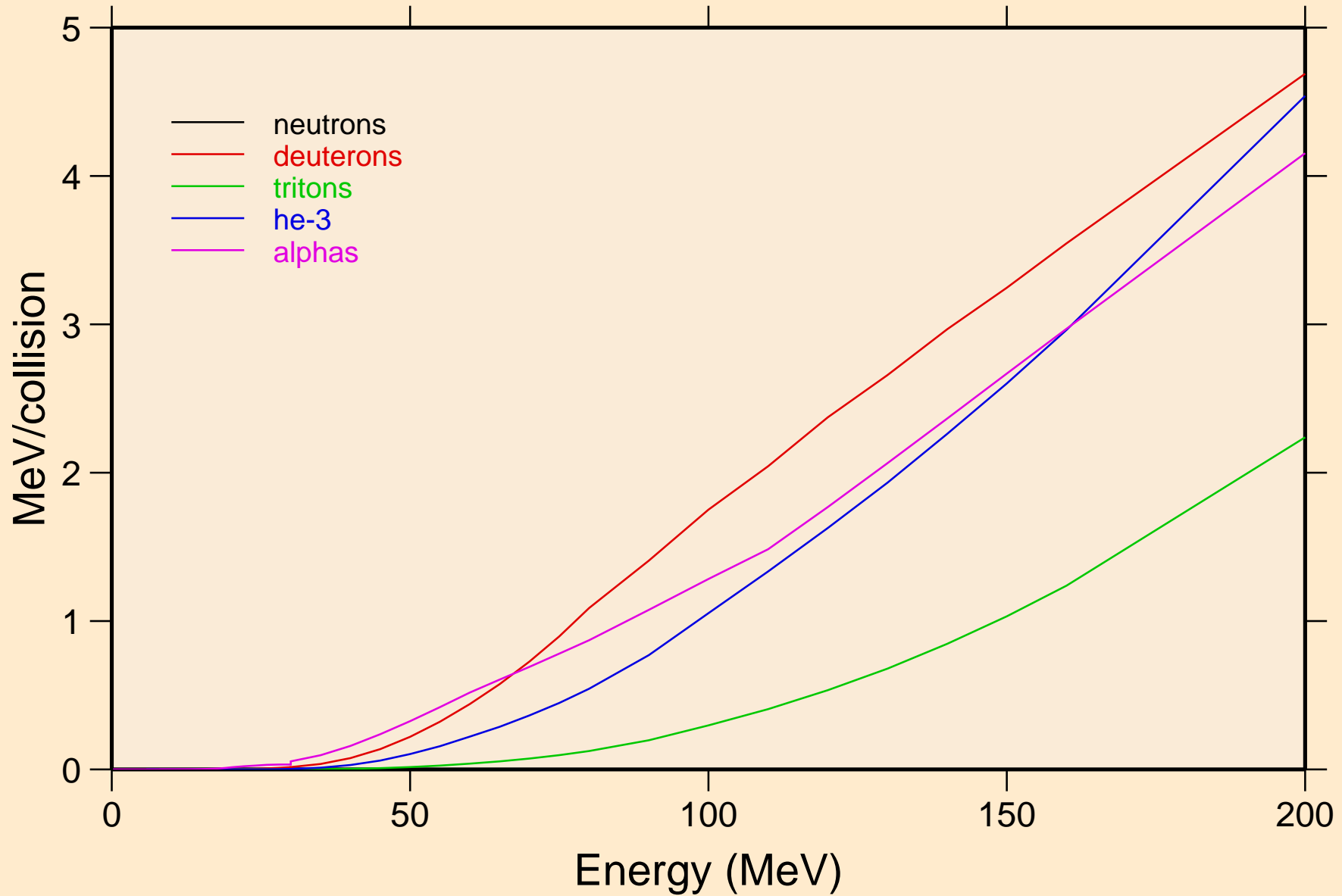


CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



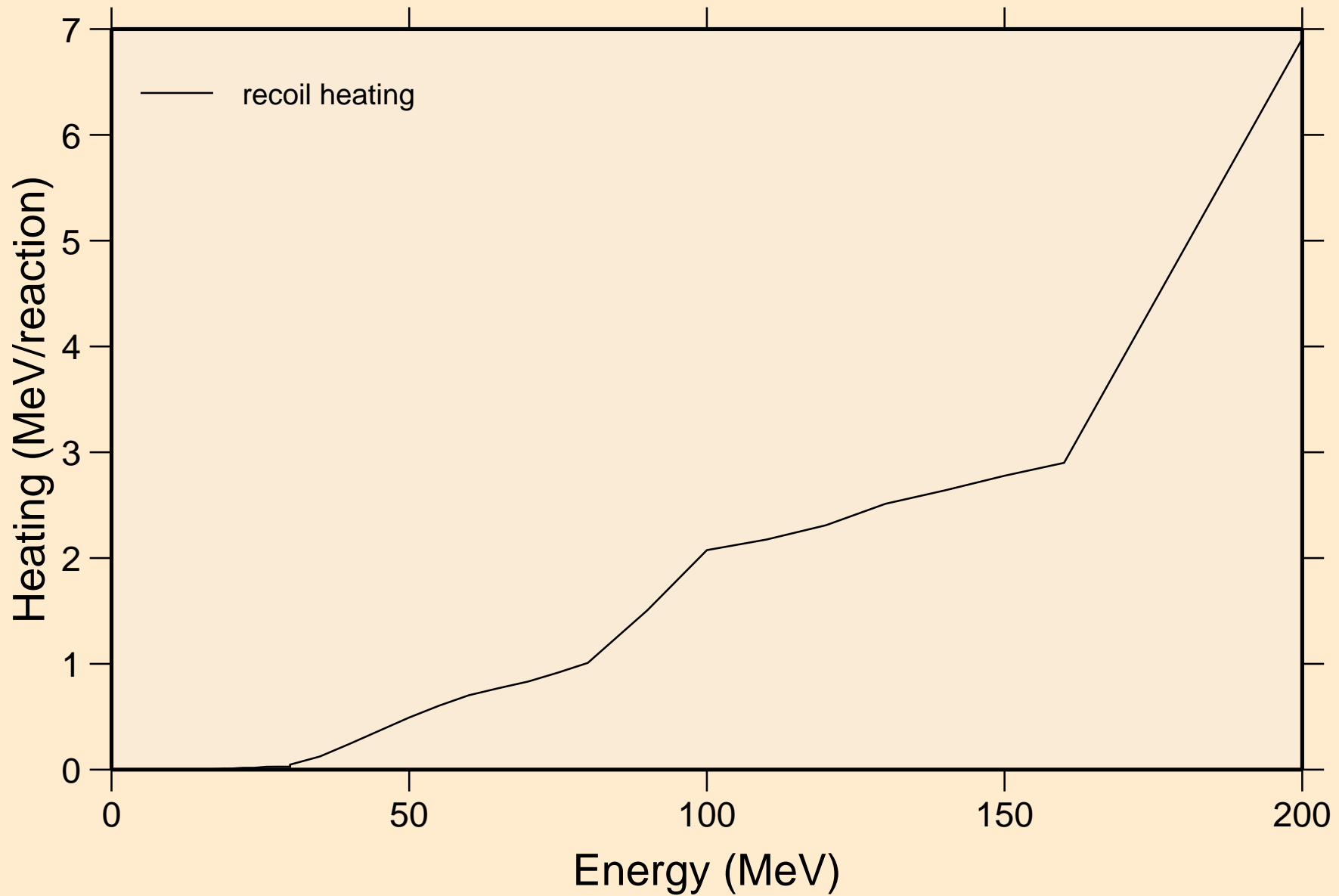
# CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



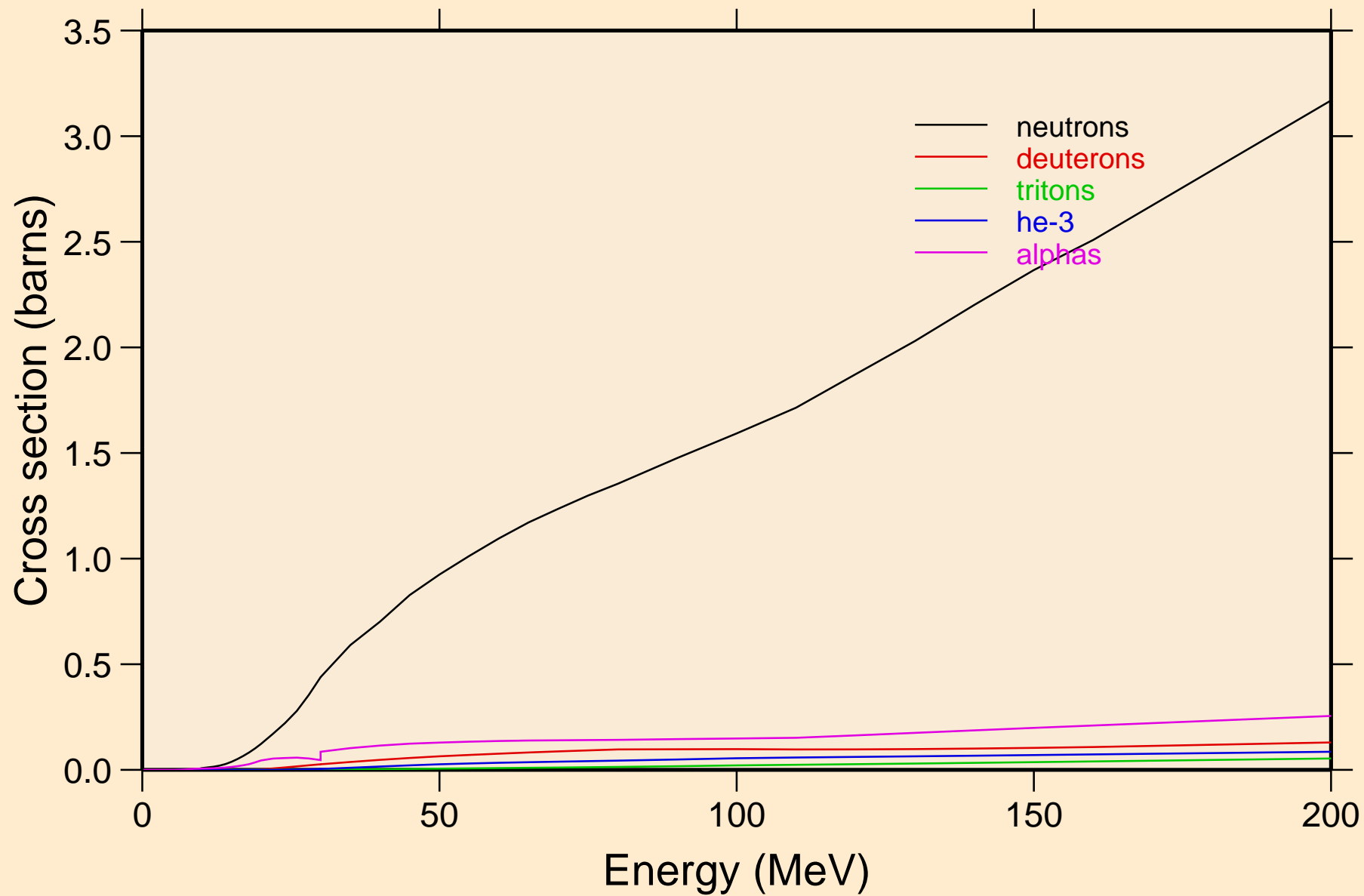
# CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

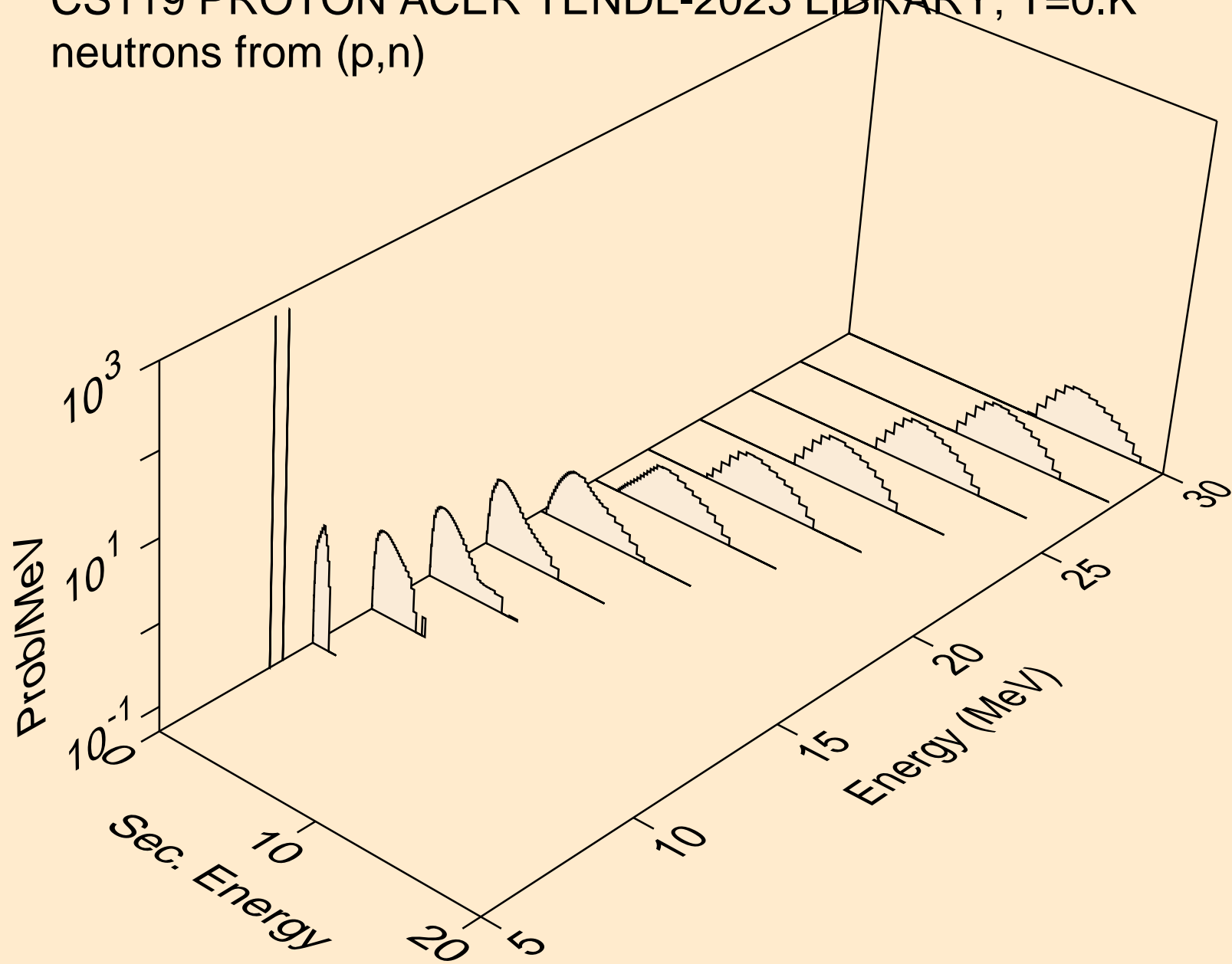


# CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

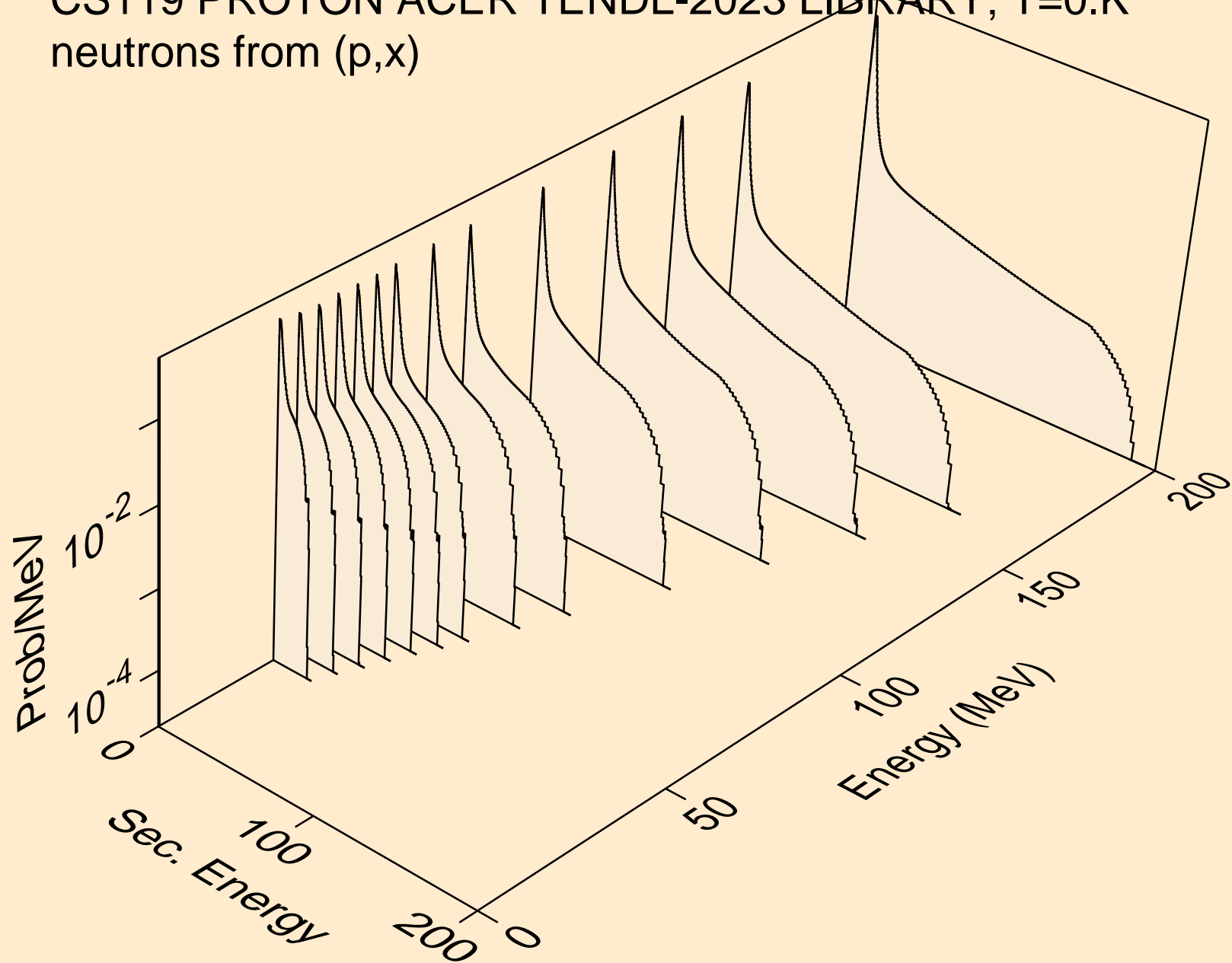


CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)

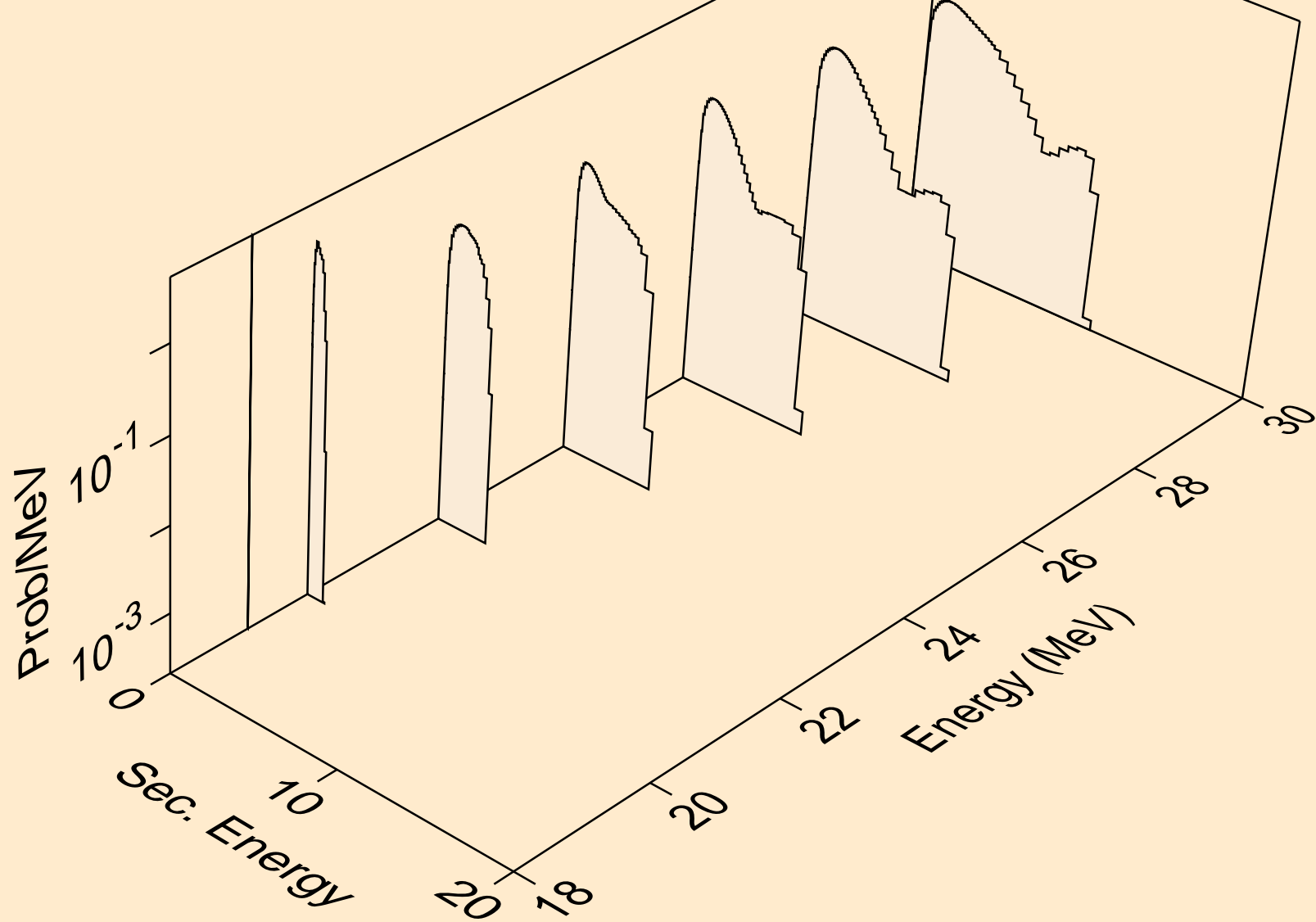




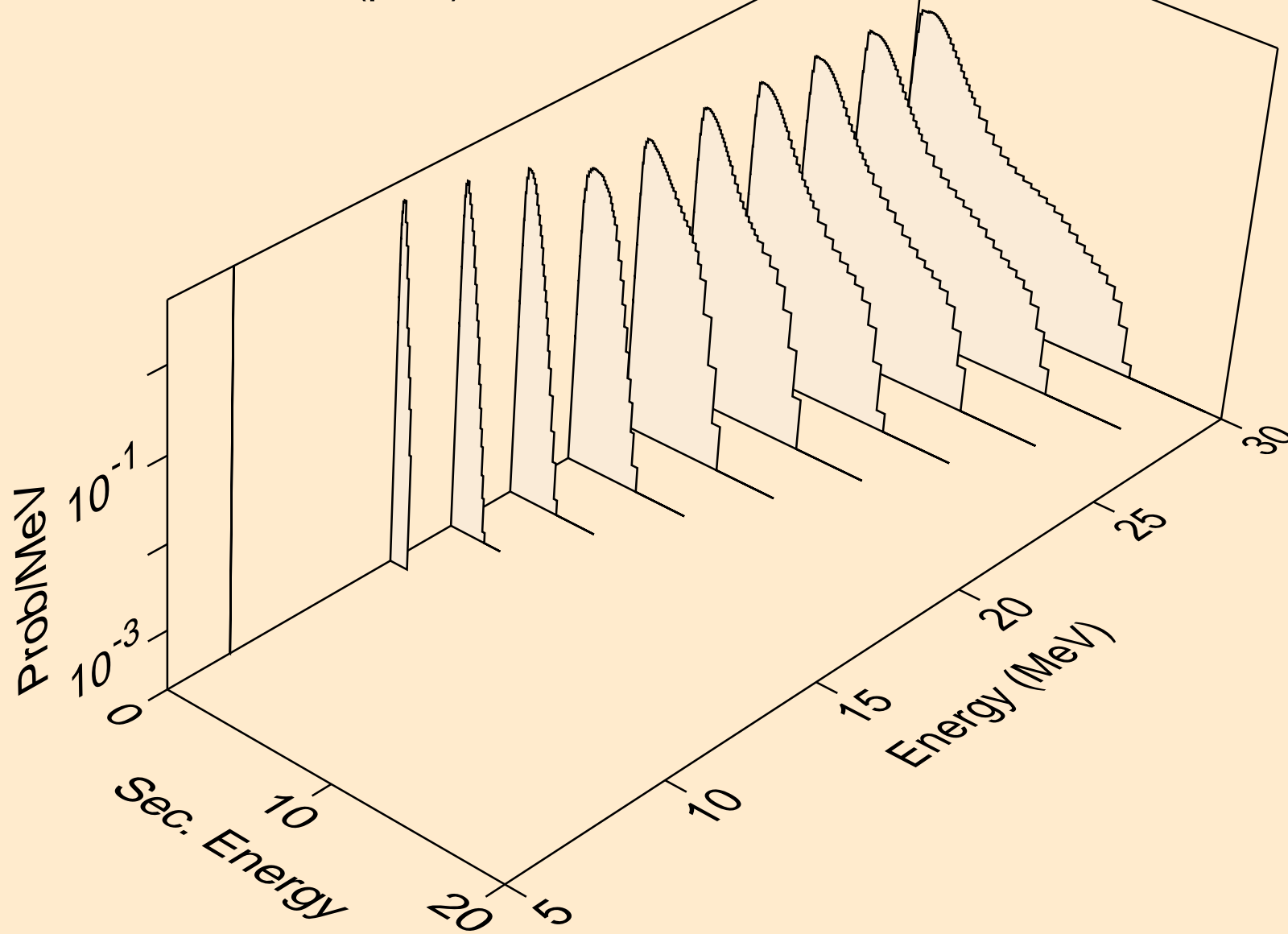
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



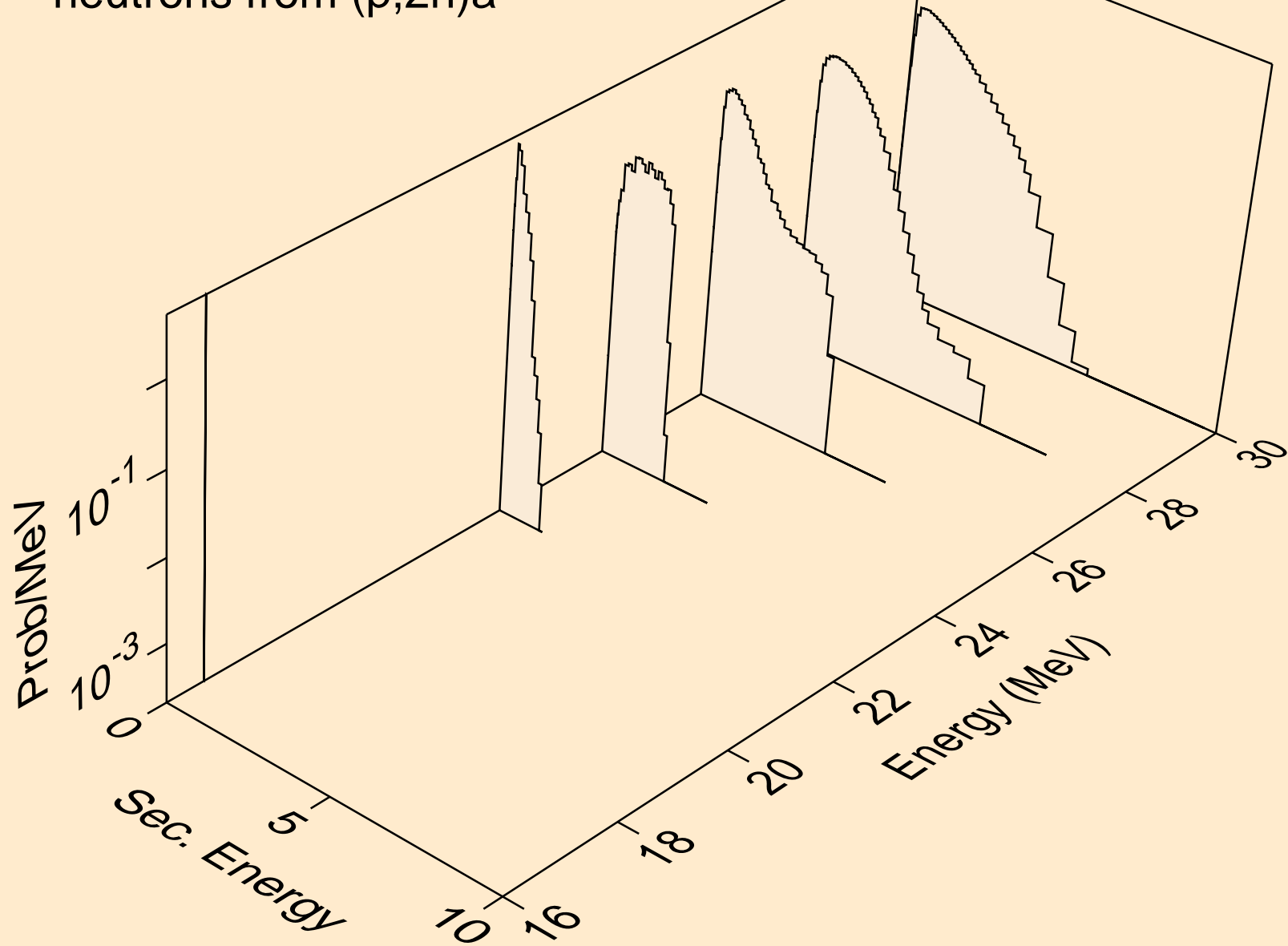
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



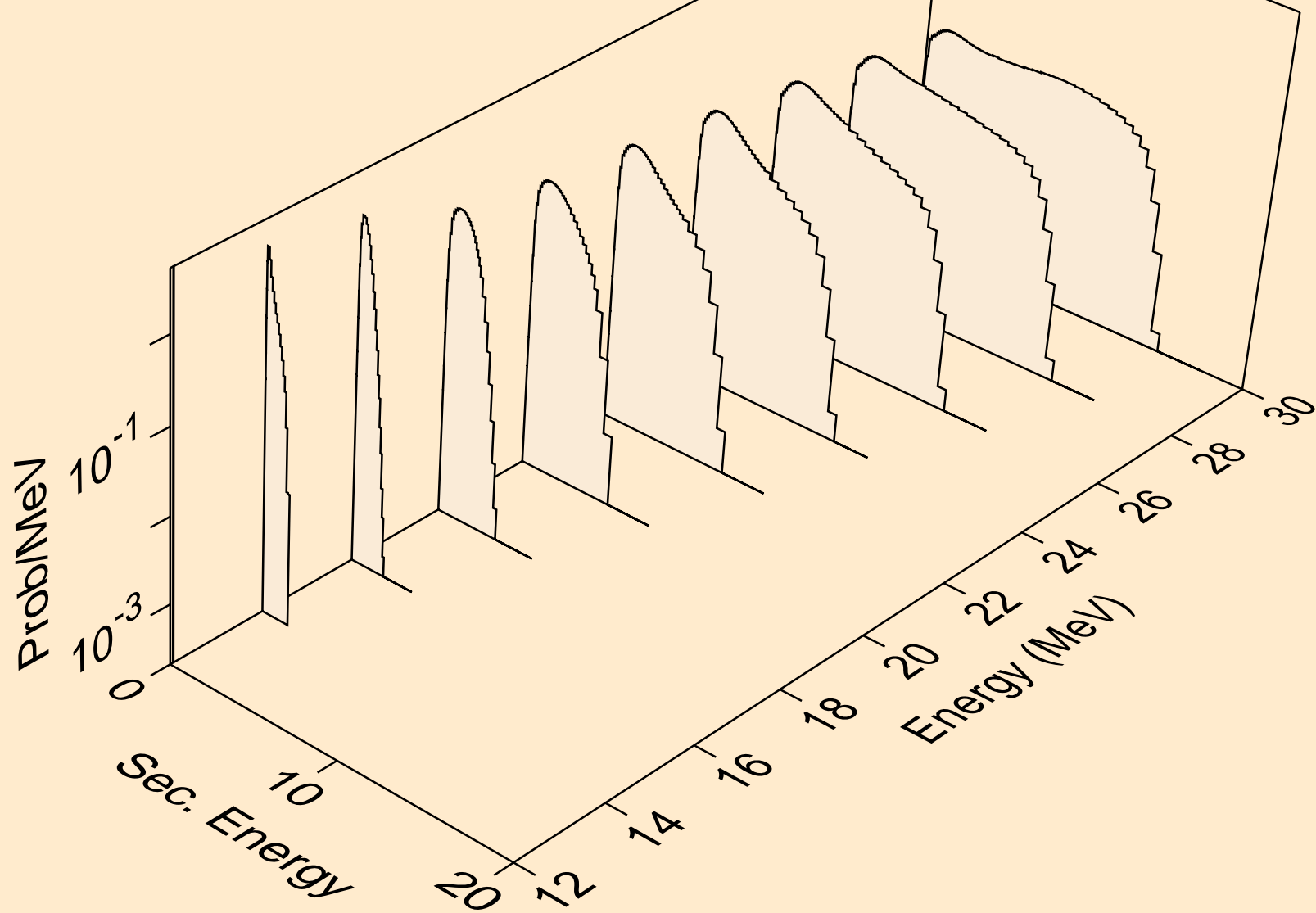
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



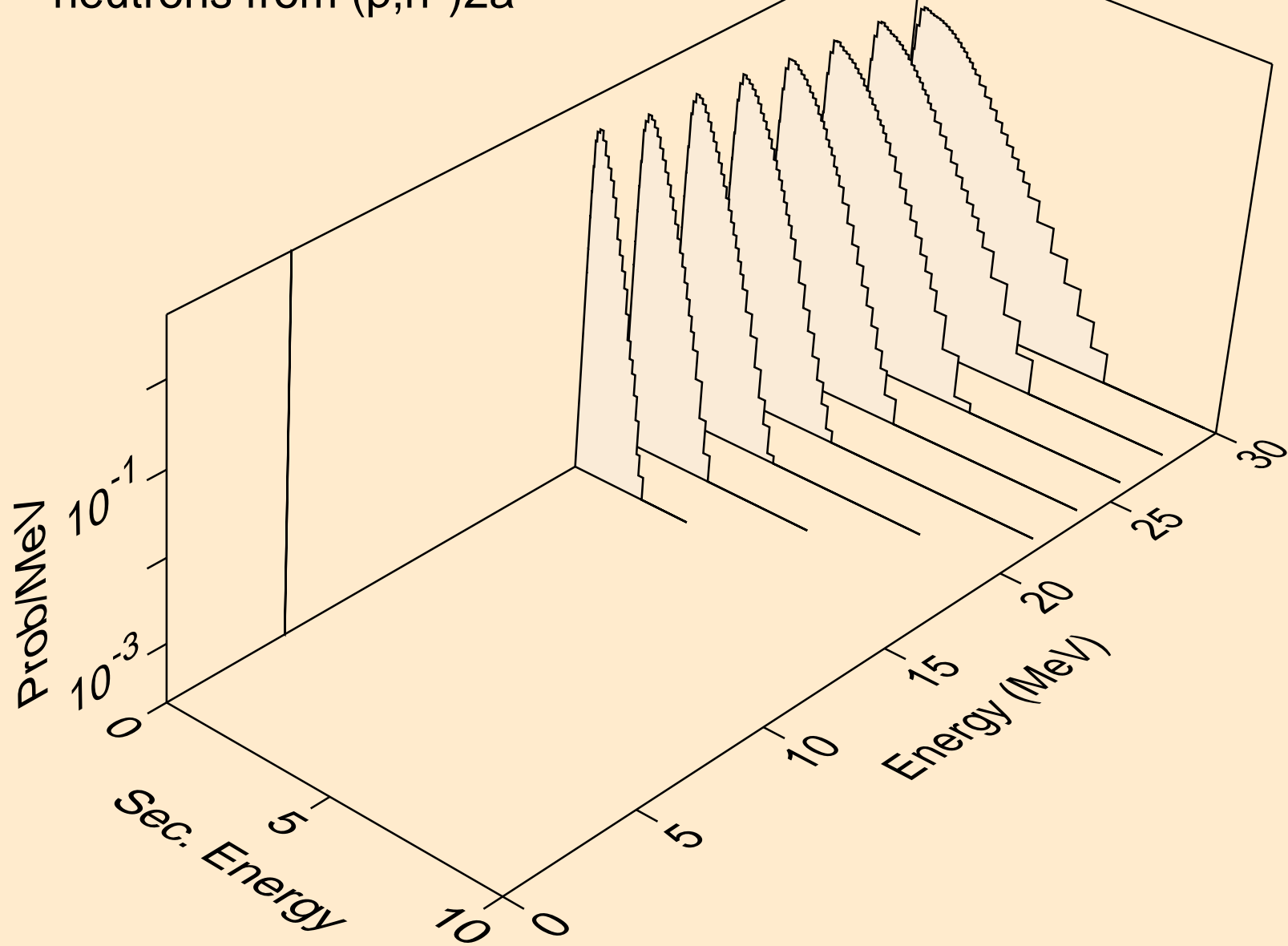
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neutrons from (p,2n)a



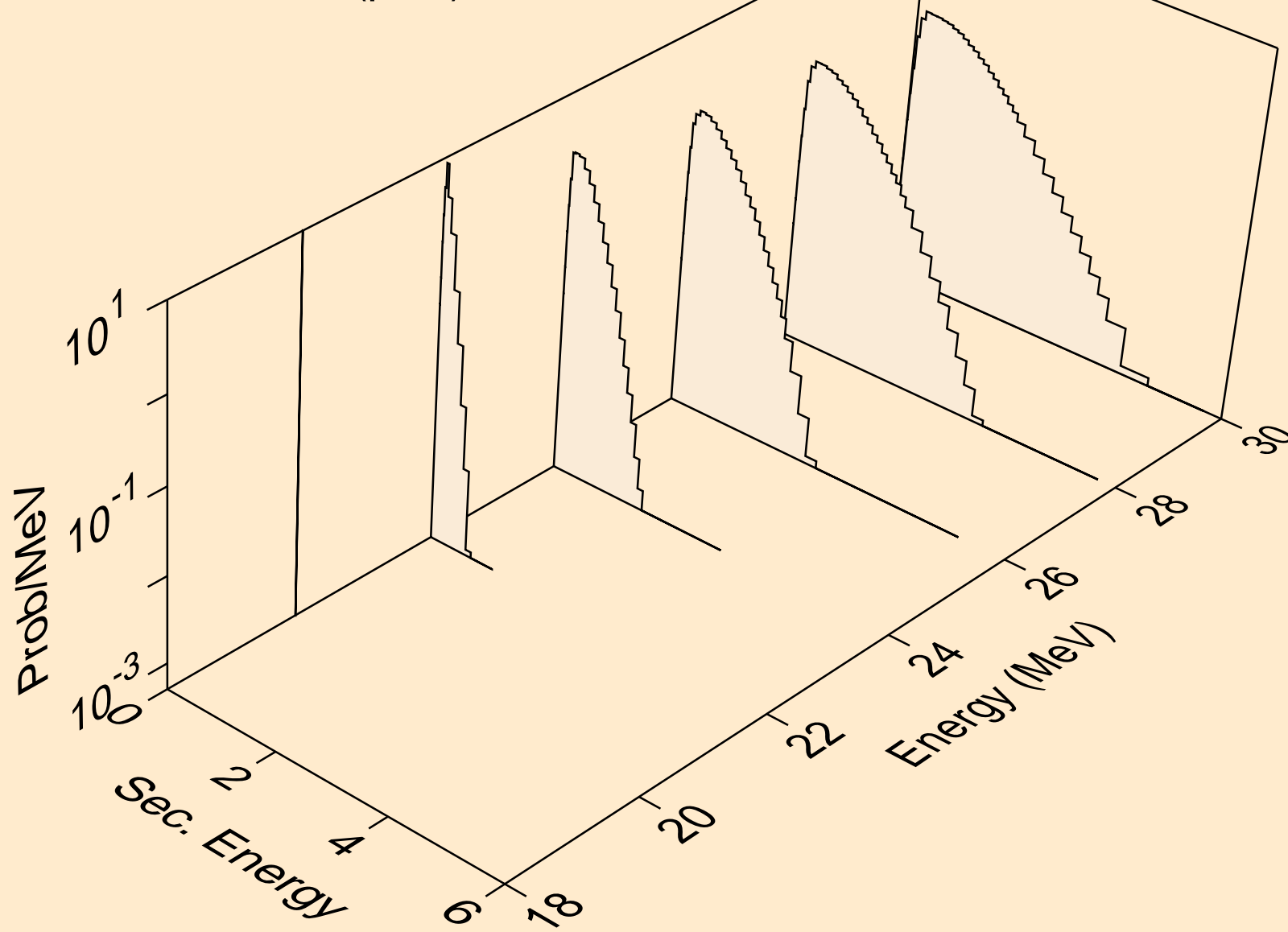
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



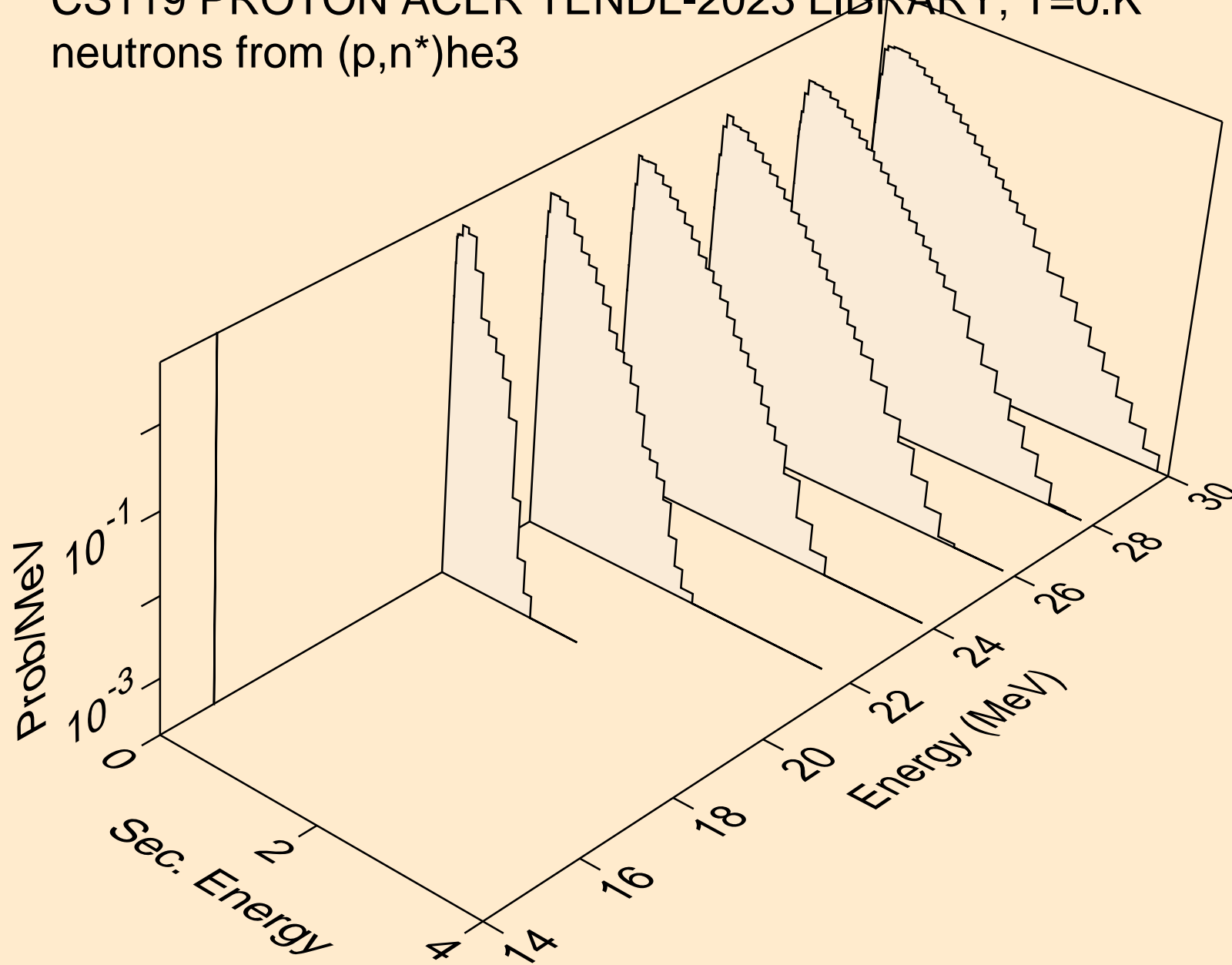
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

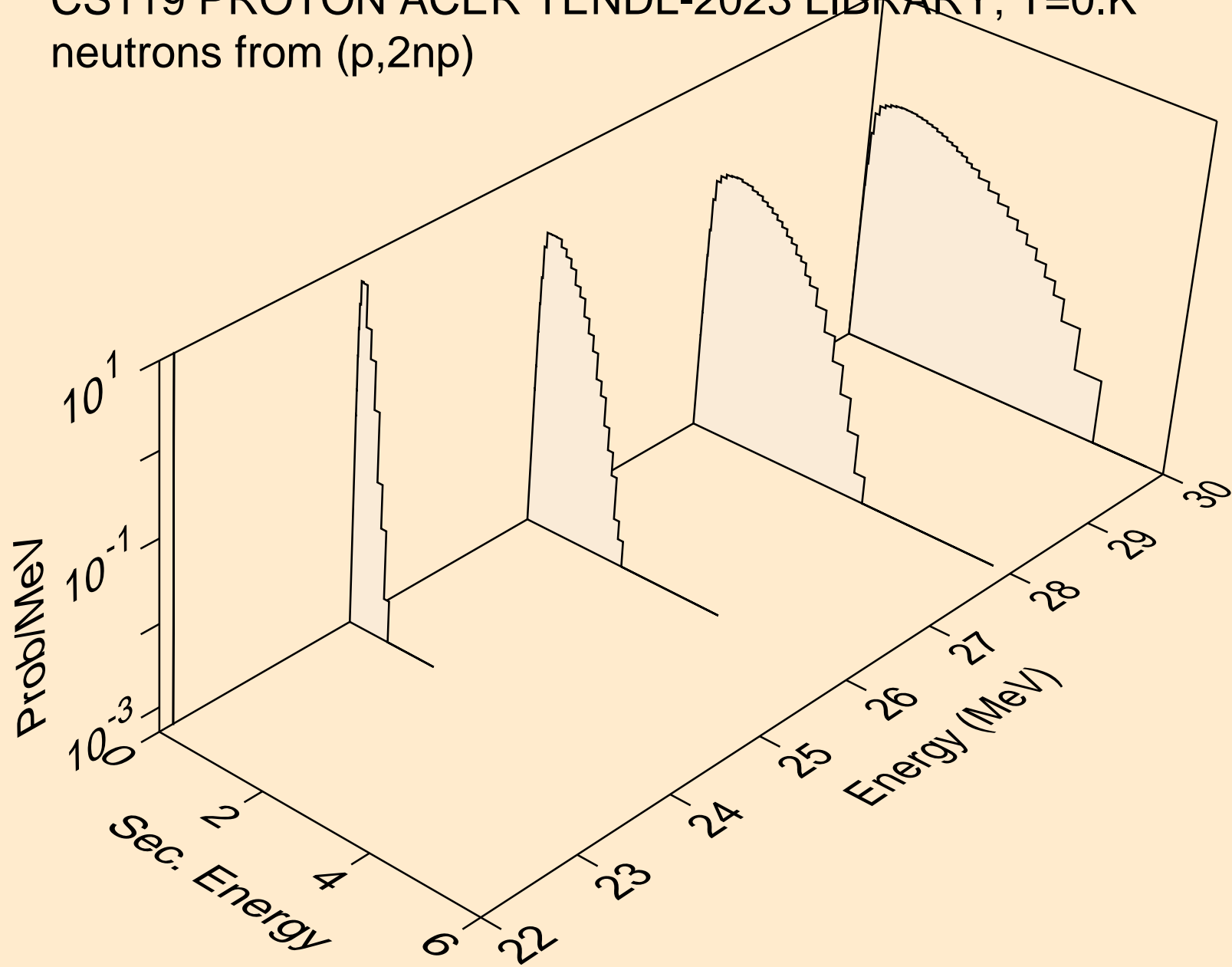


CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

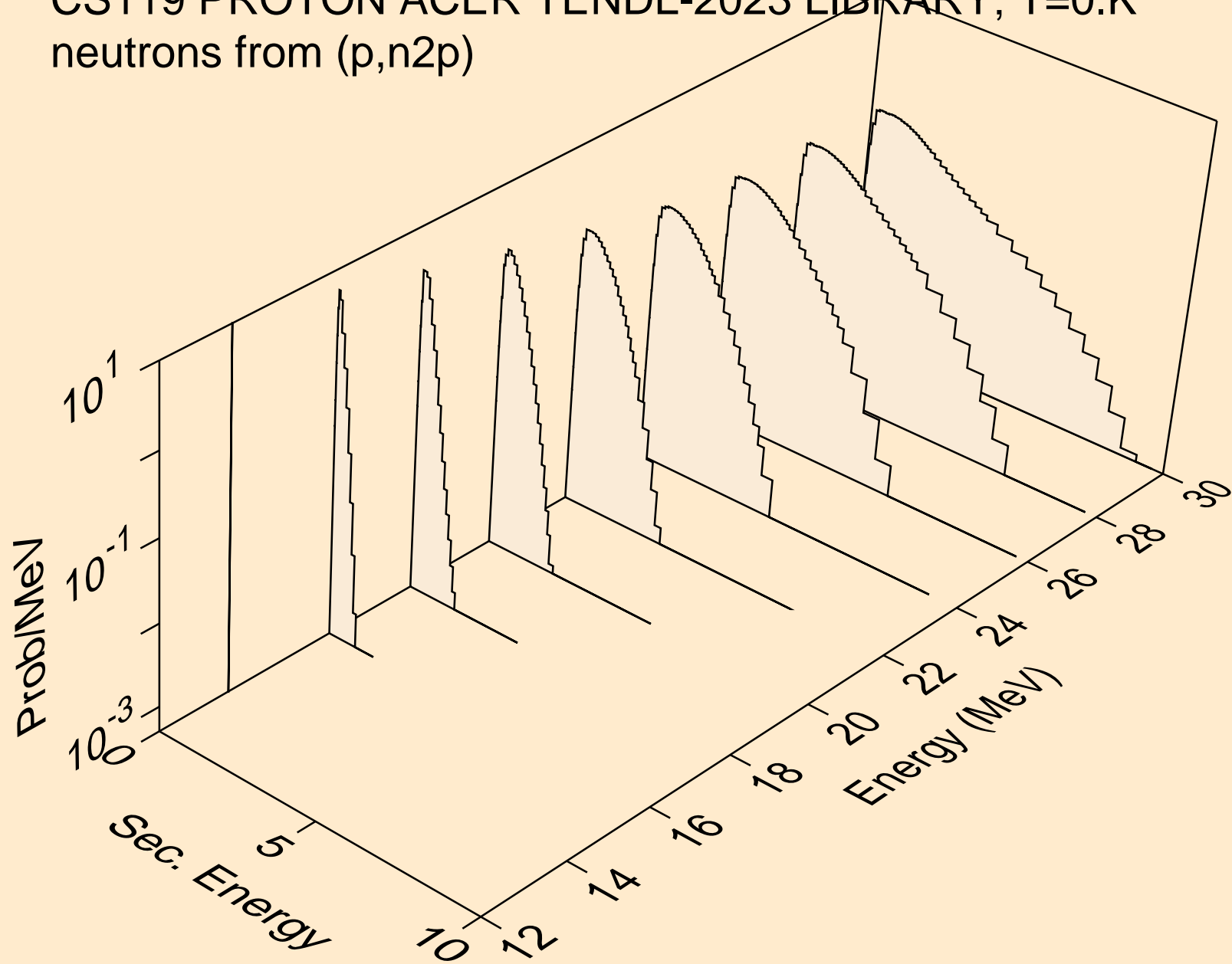




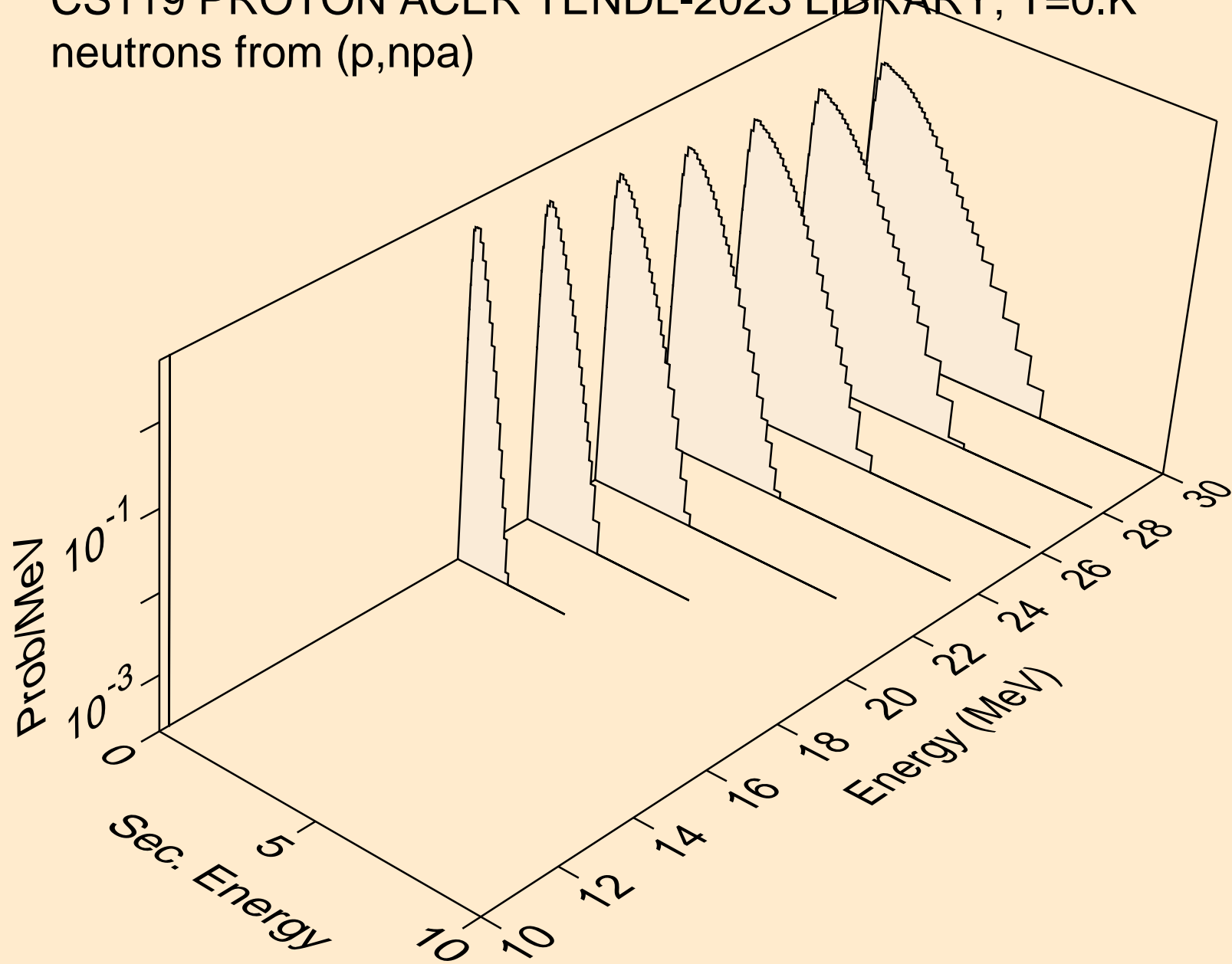
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neutrons from (p,2np)



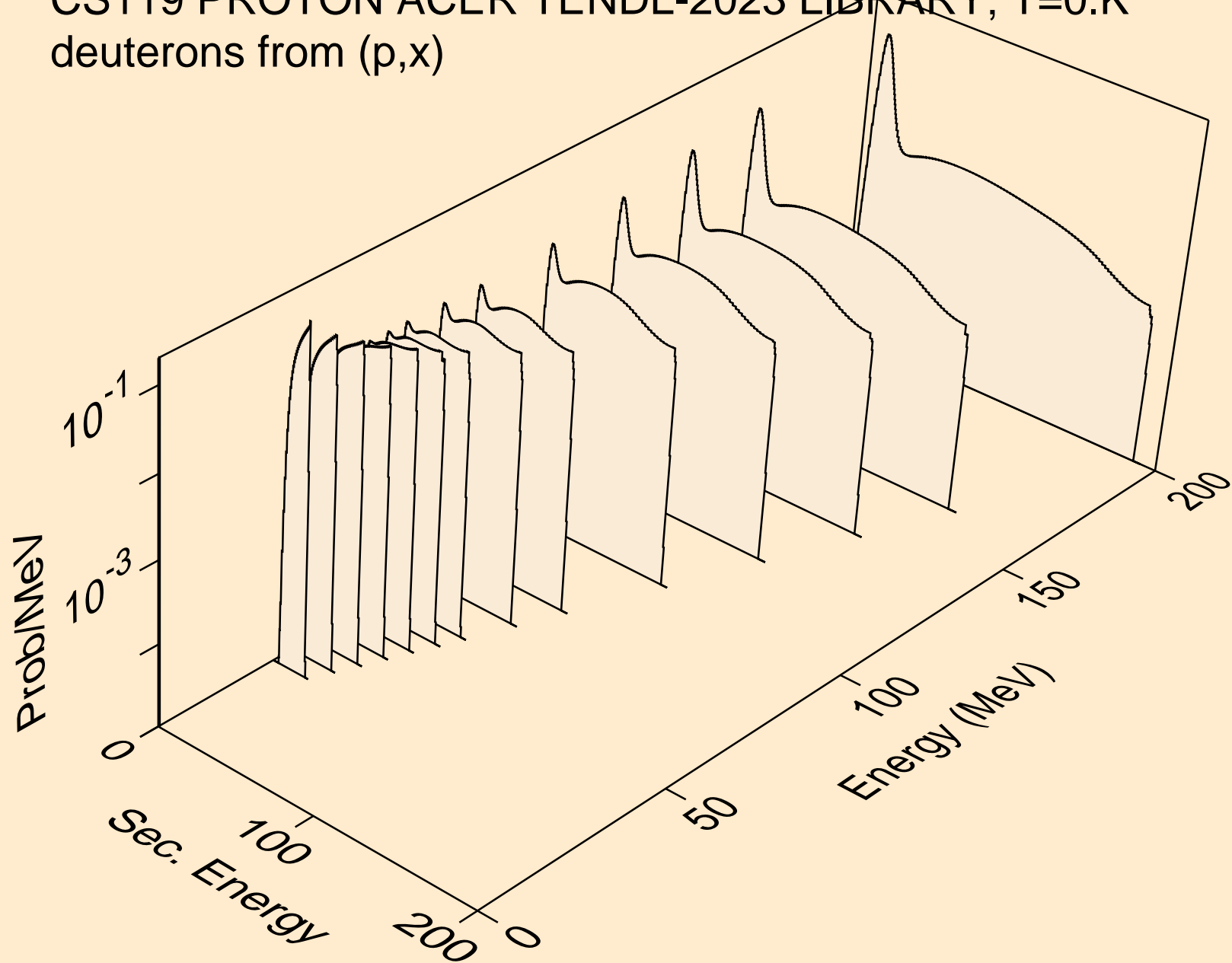
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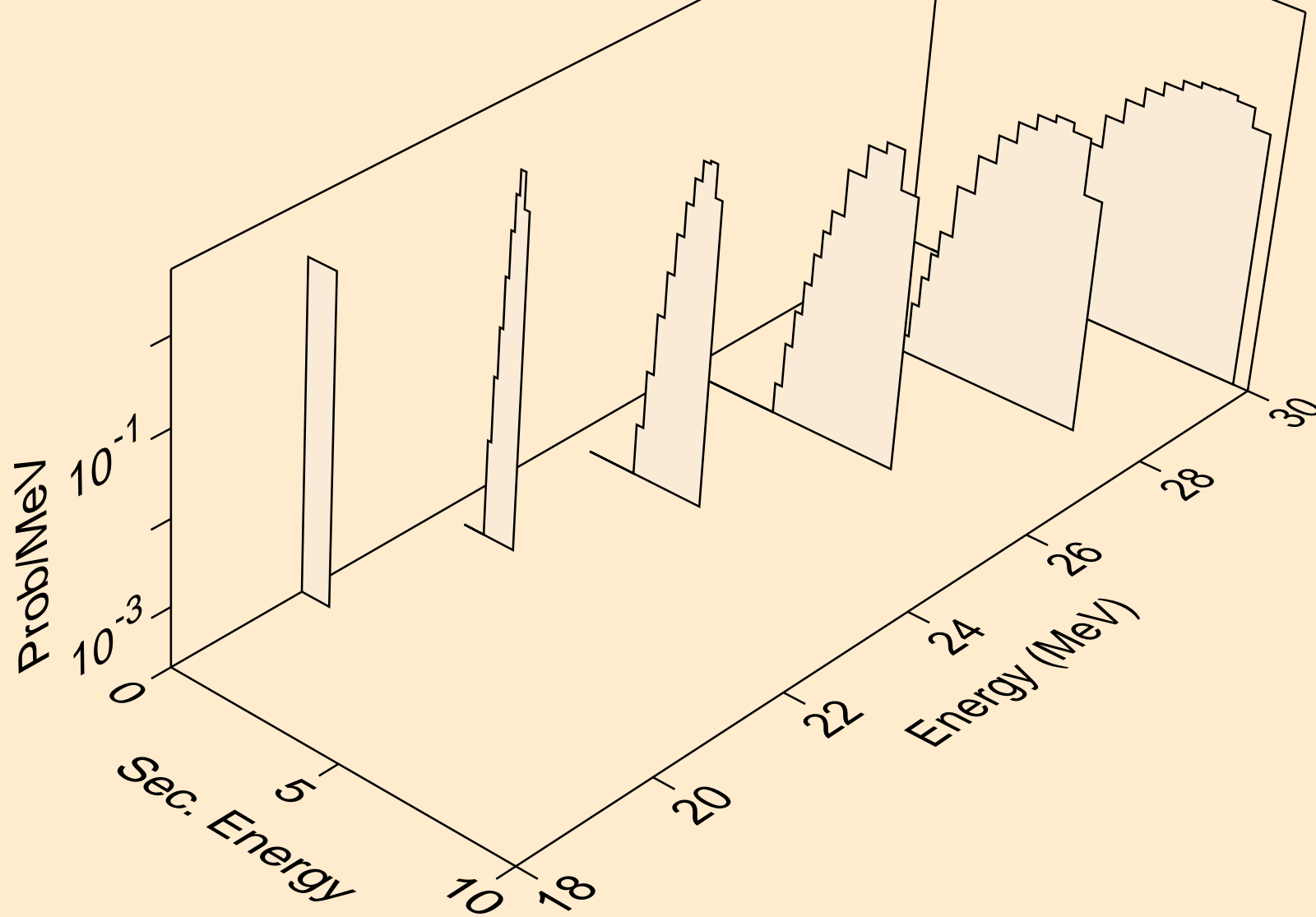
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neutrons from (p,npa)



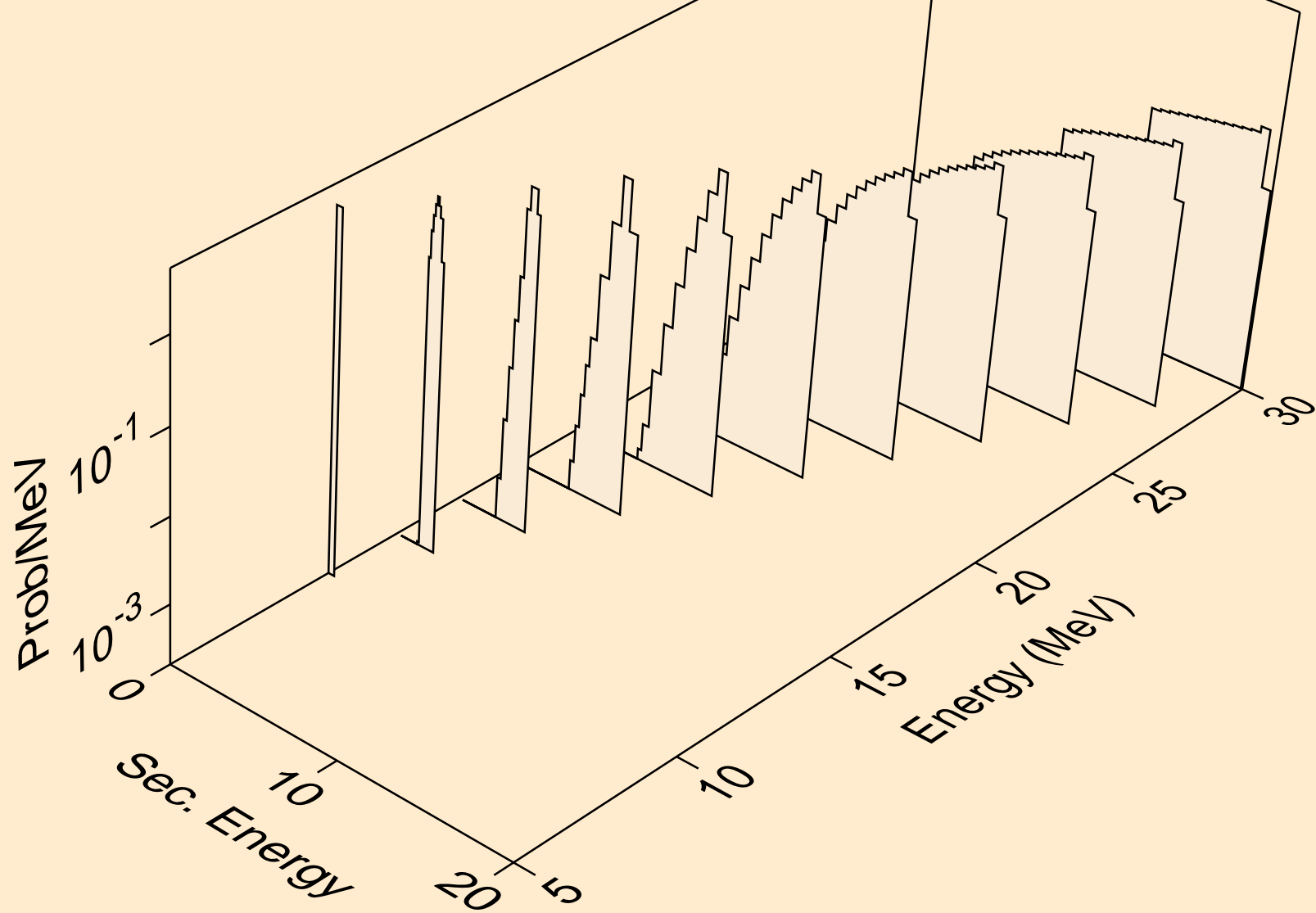
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deuterons from (p,x)



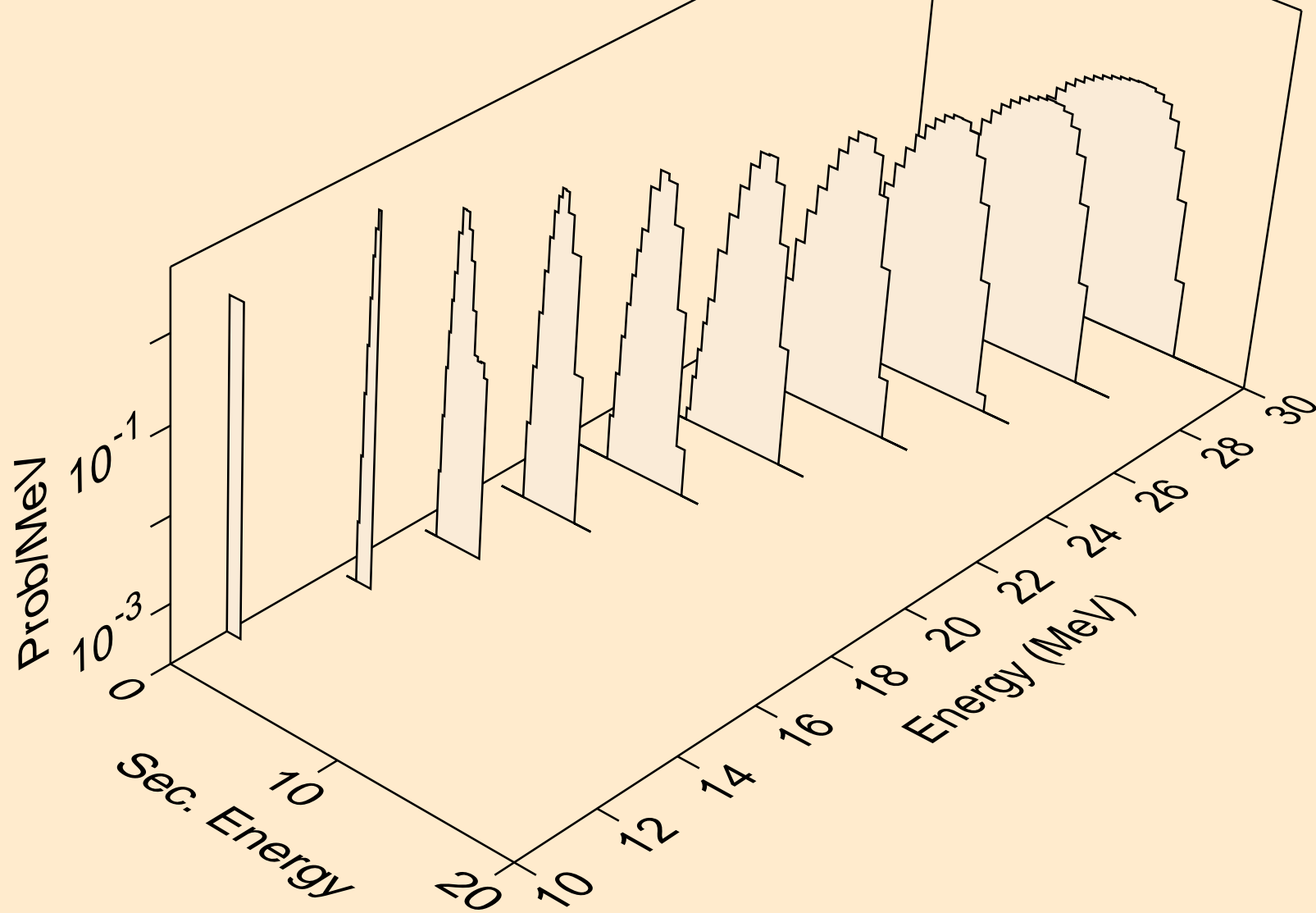
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deuterons from (p,n\*)d



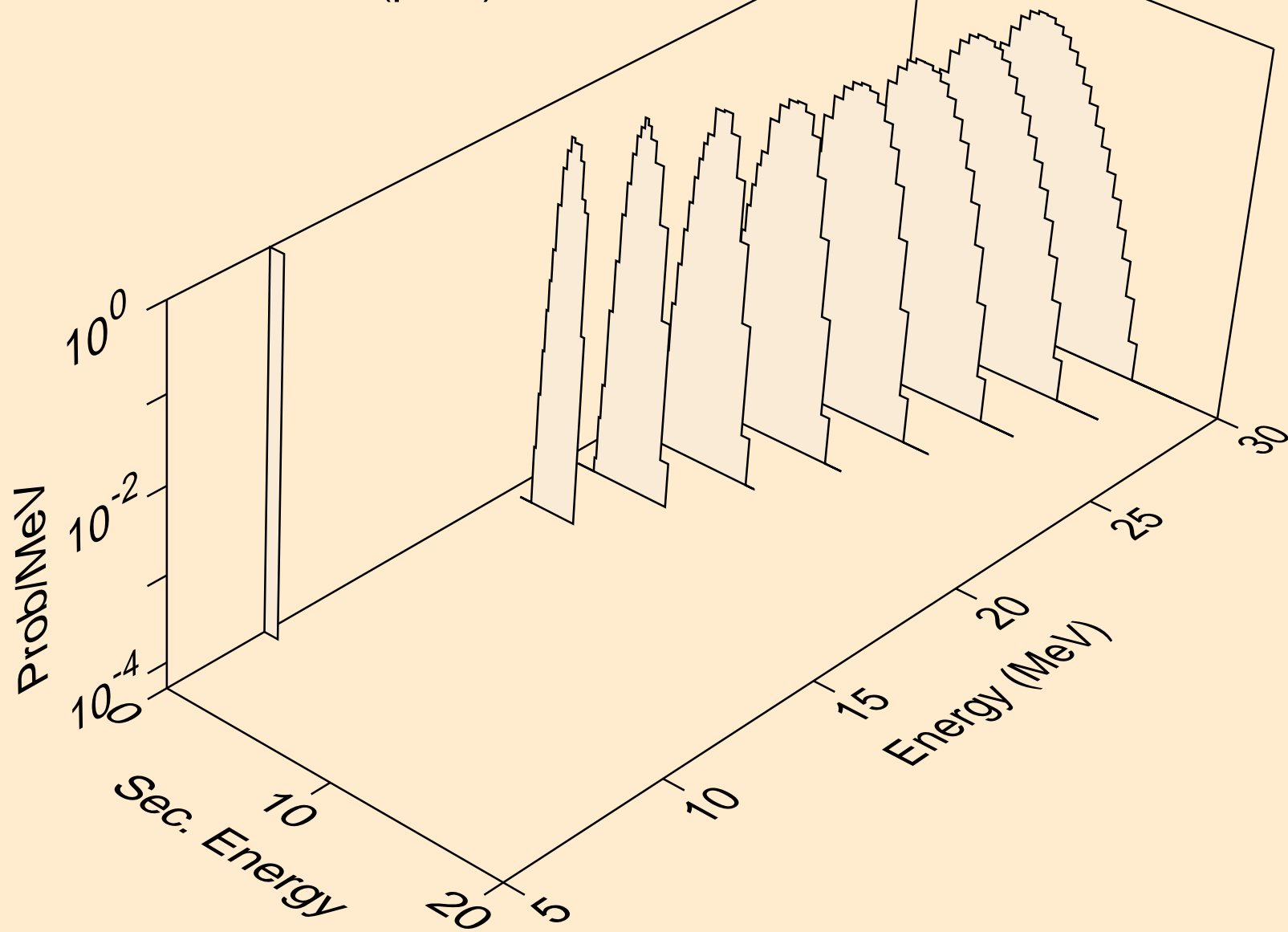
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)

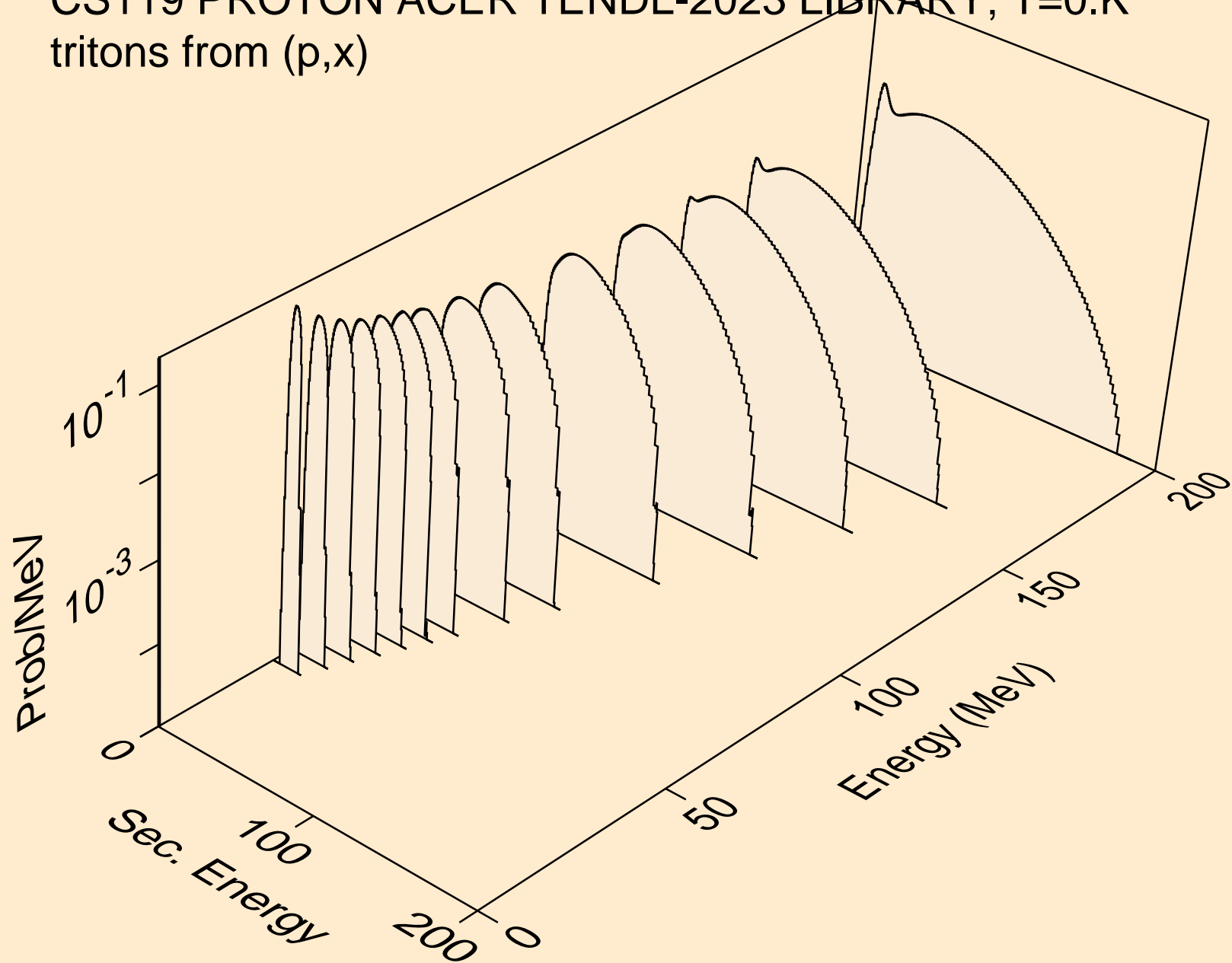


CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)

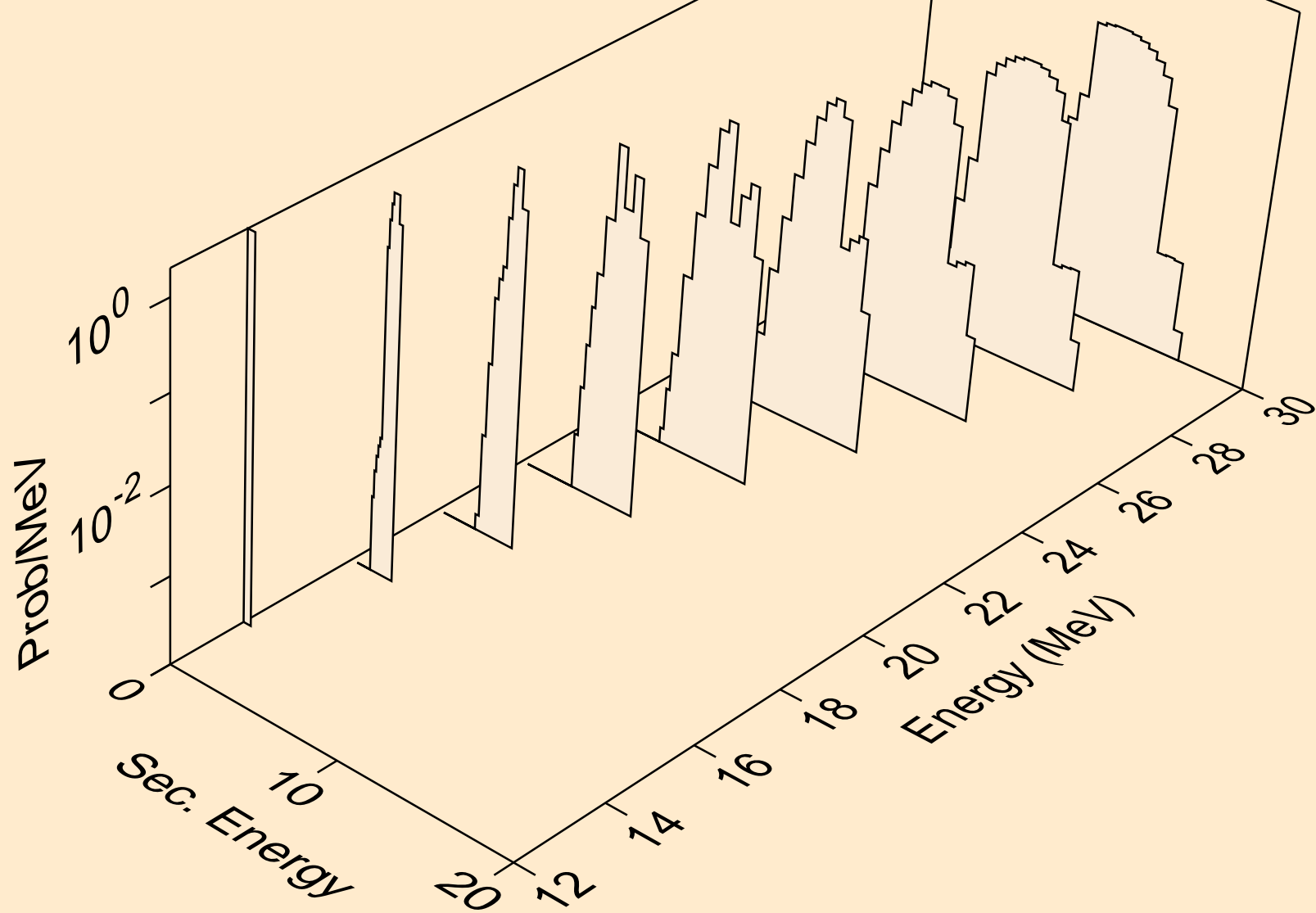




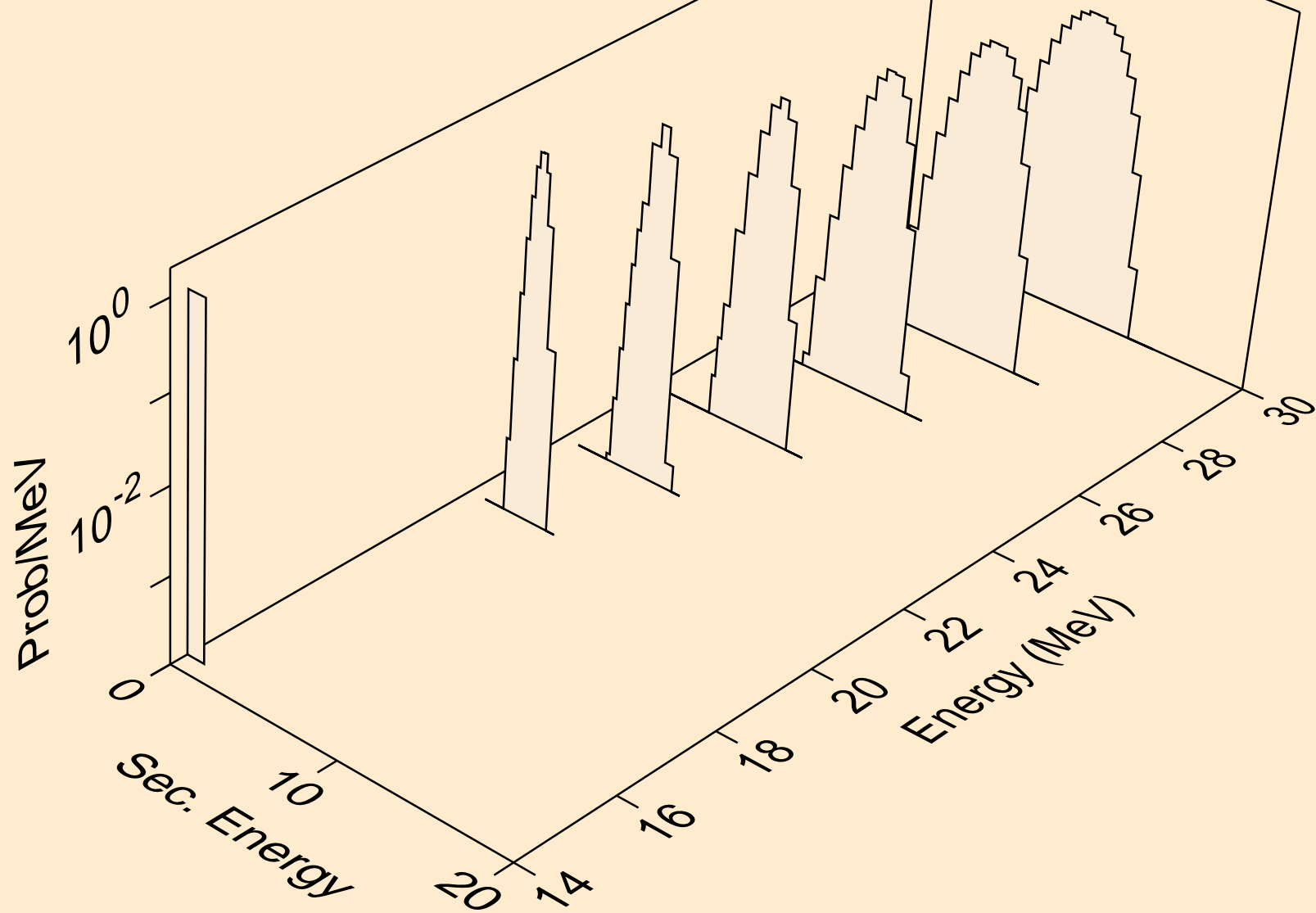
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



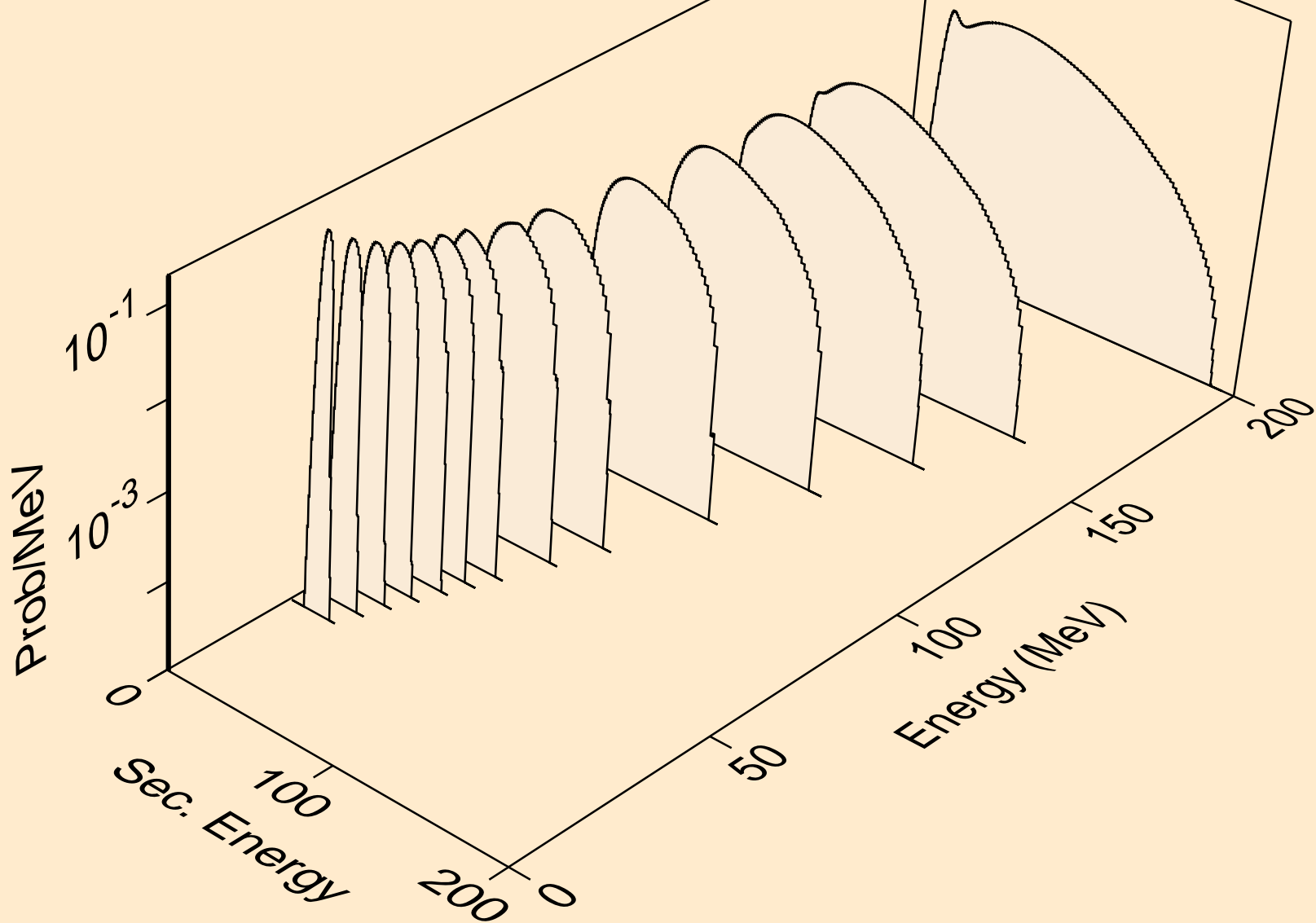
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



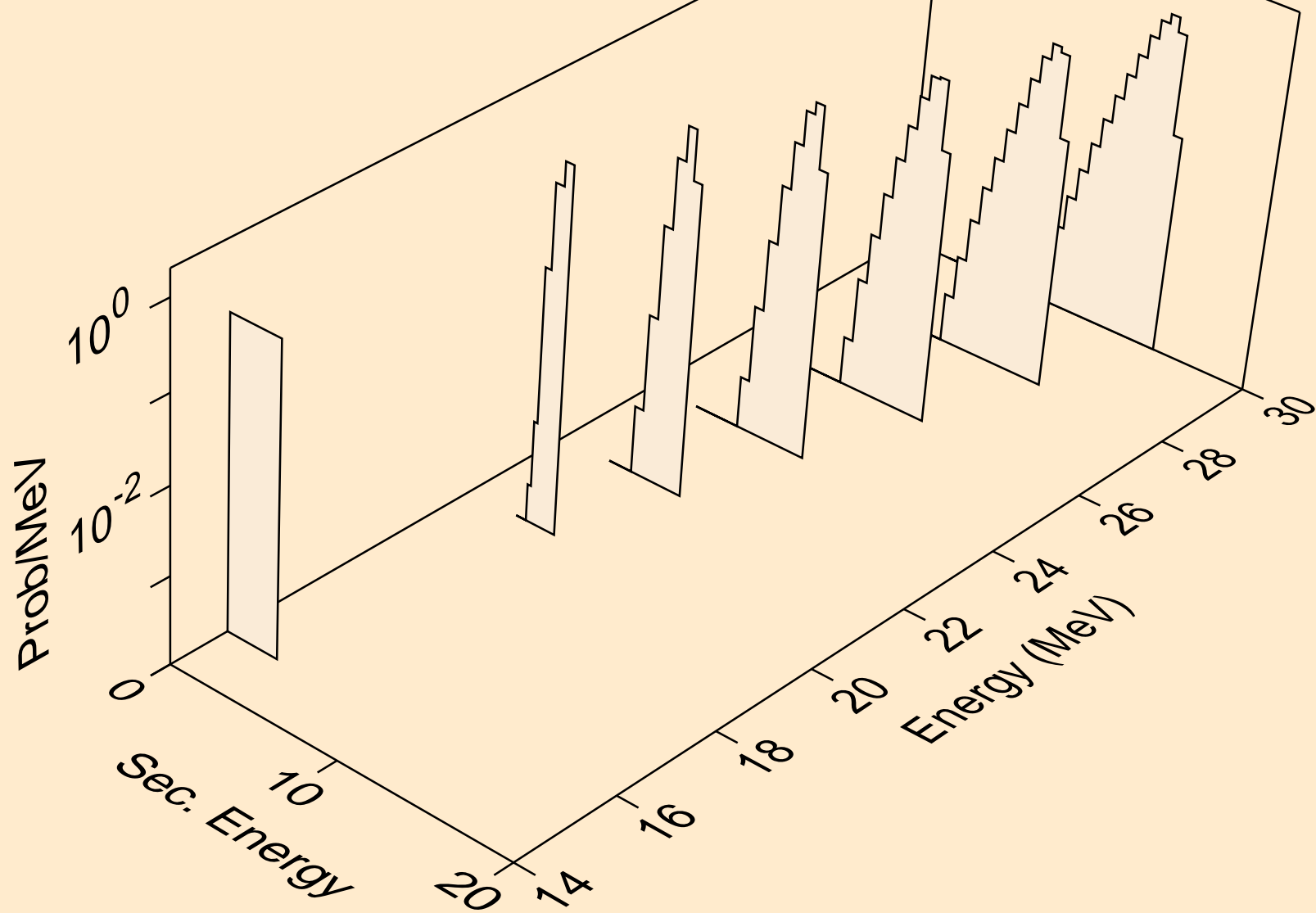
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



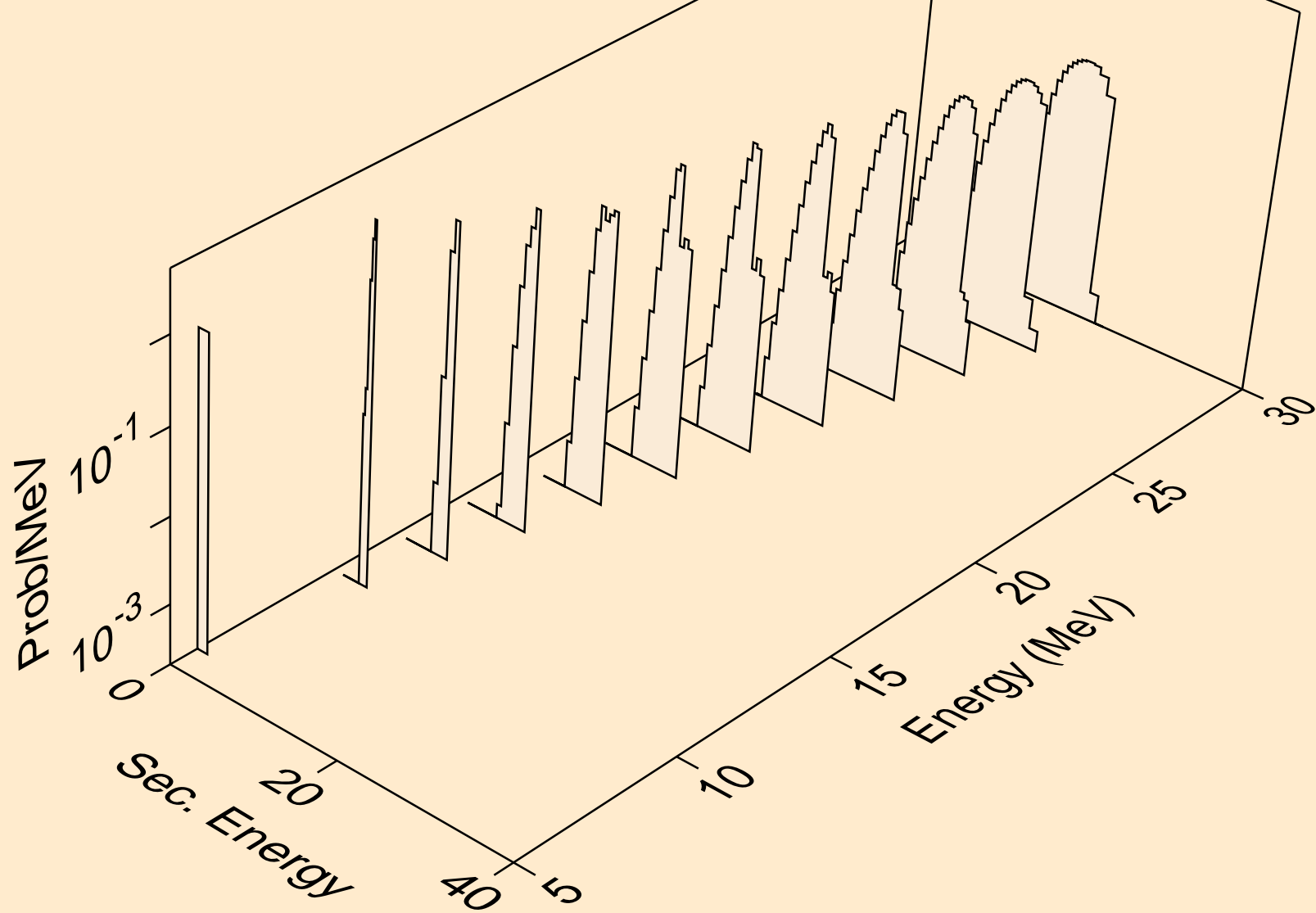
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



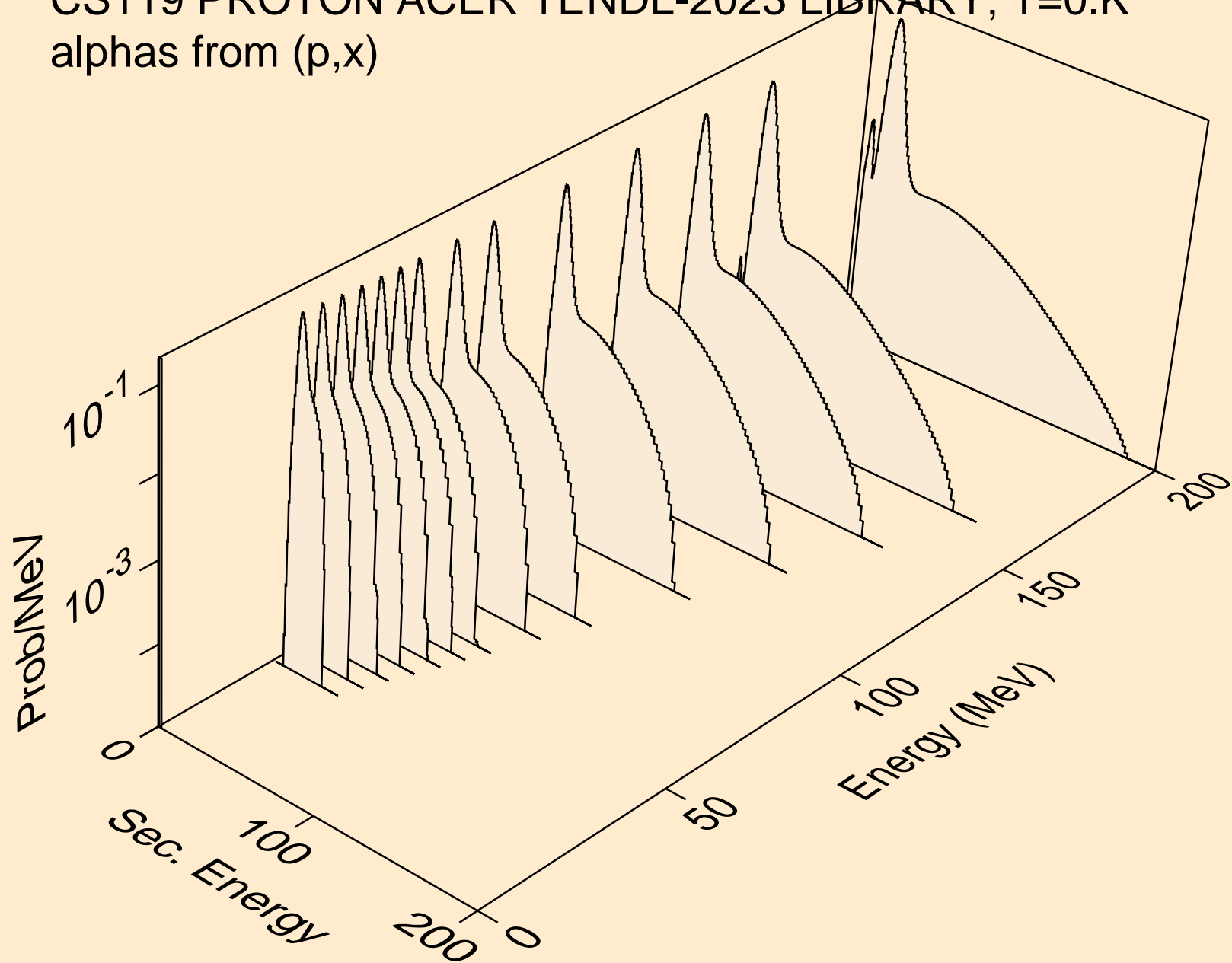
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



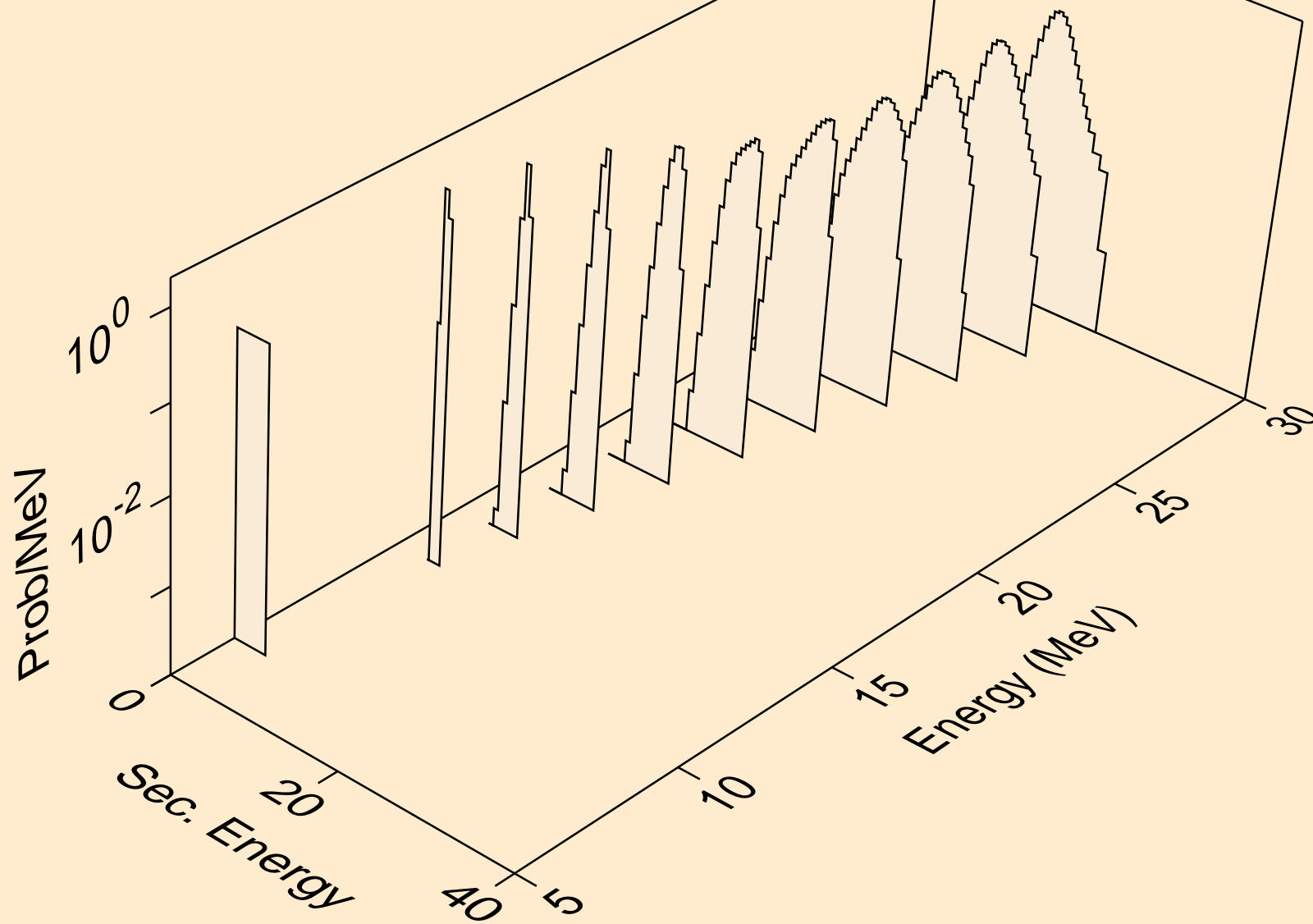
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)

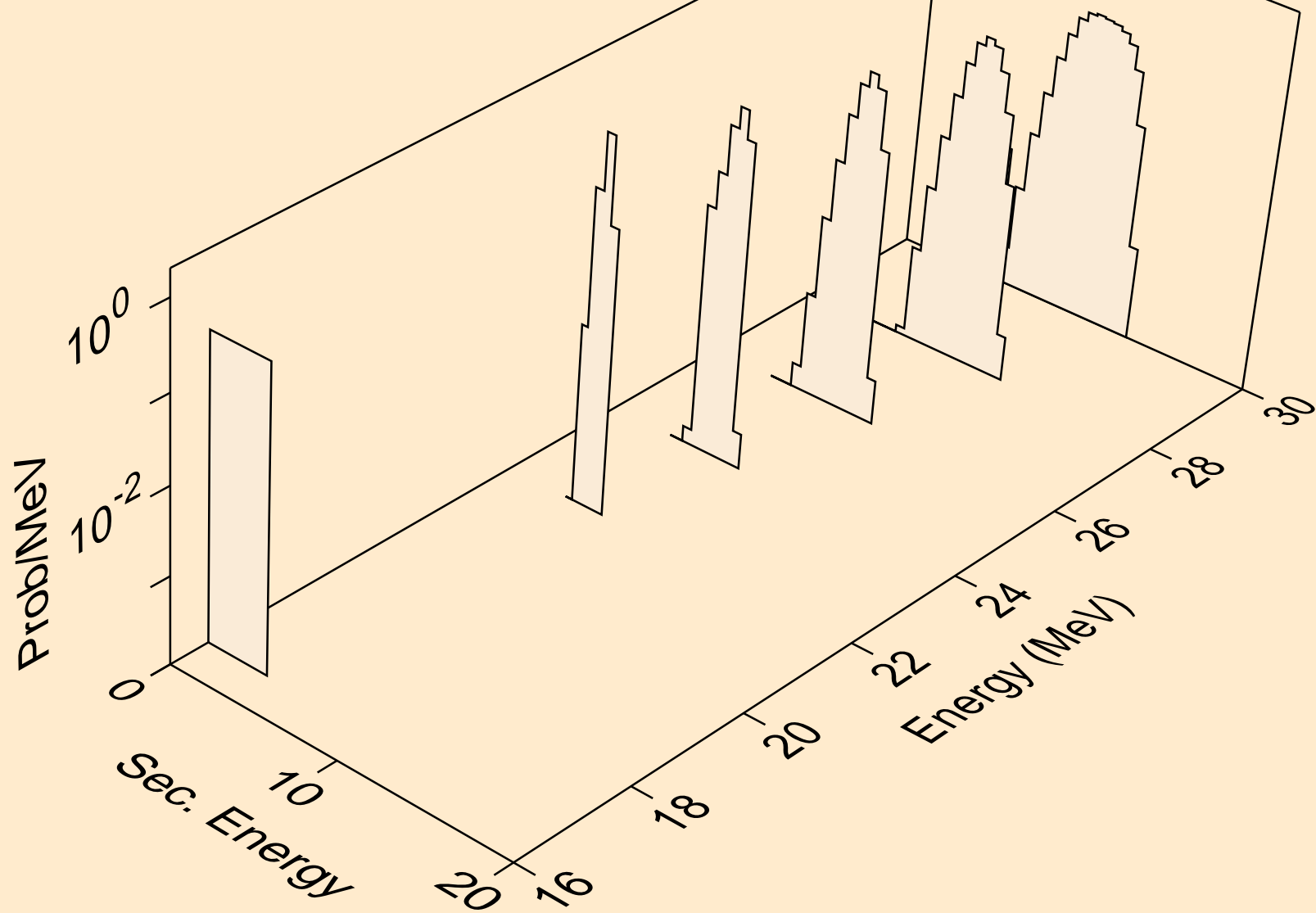


CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

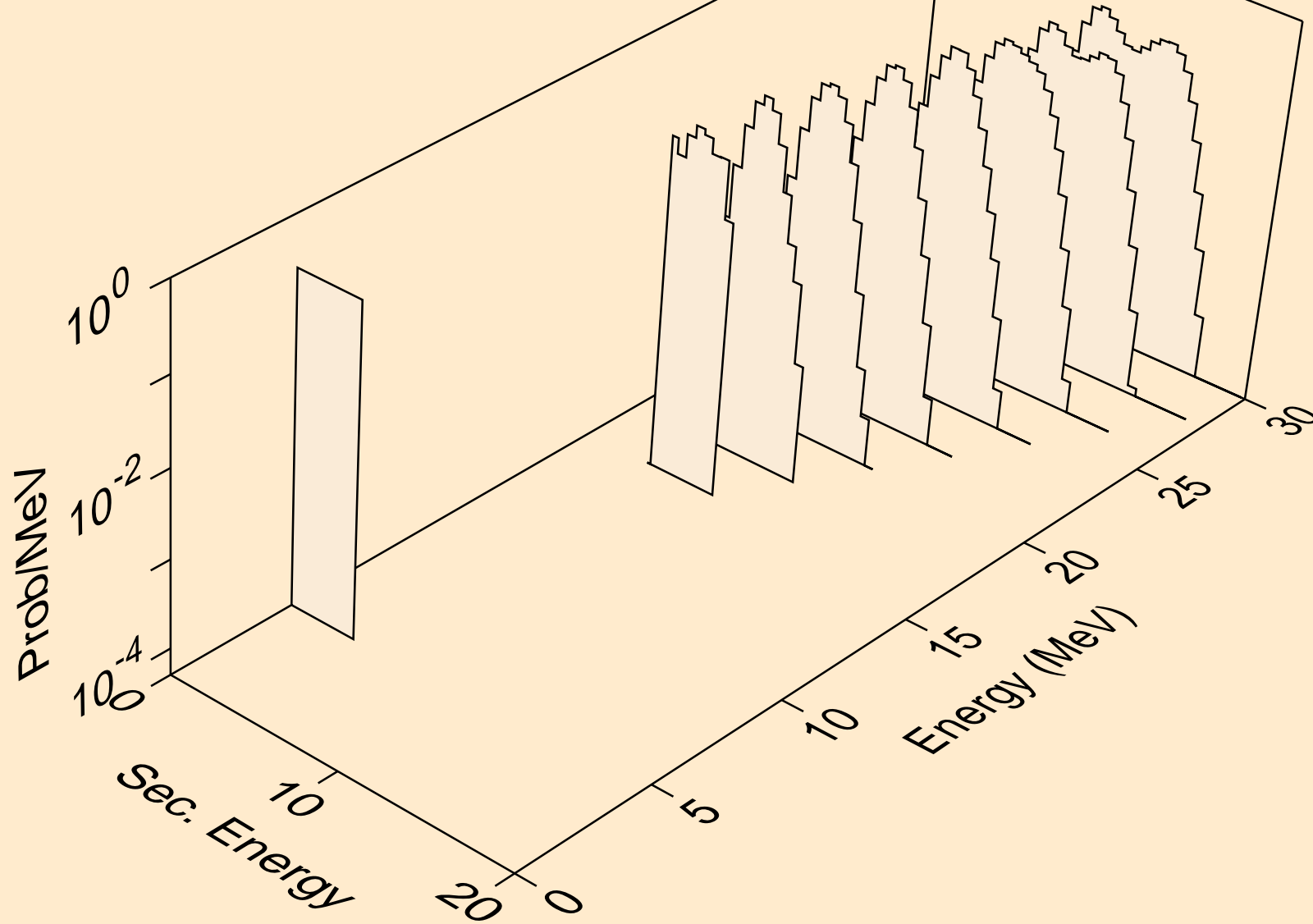




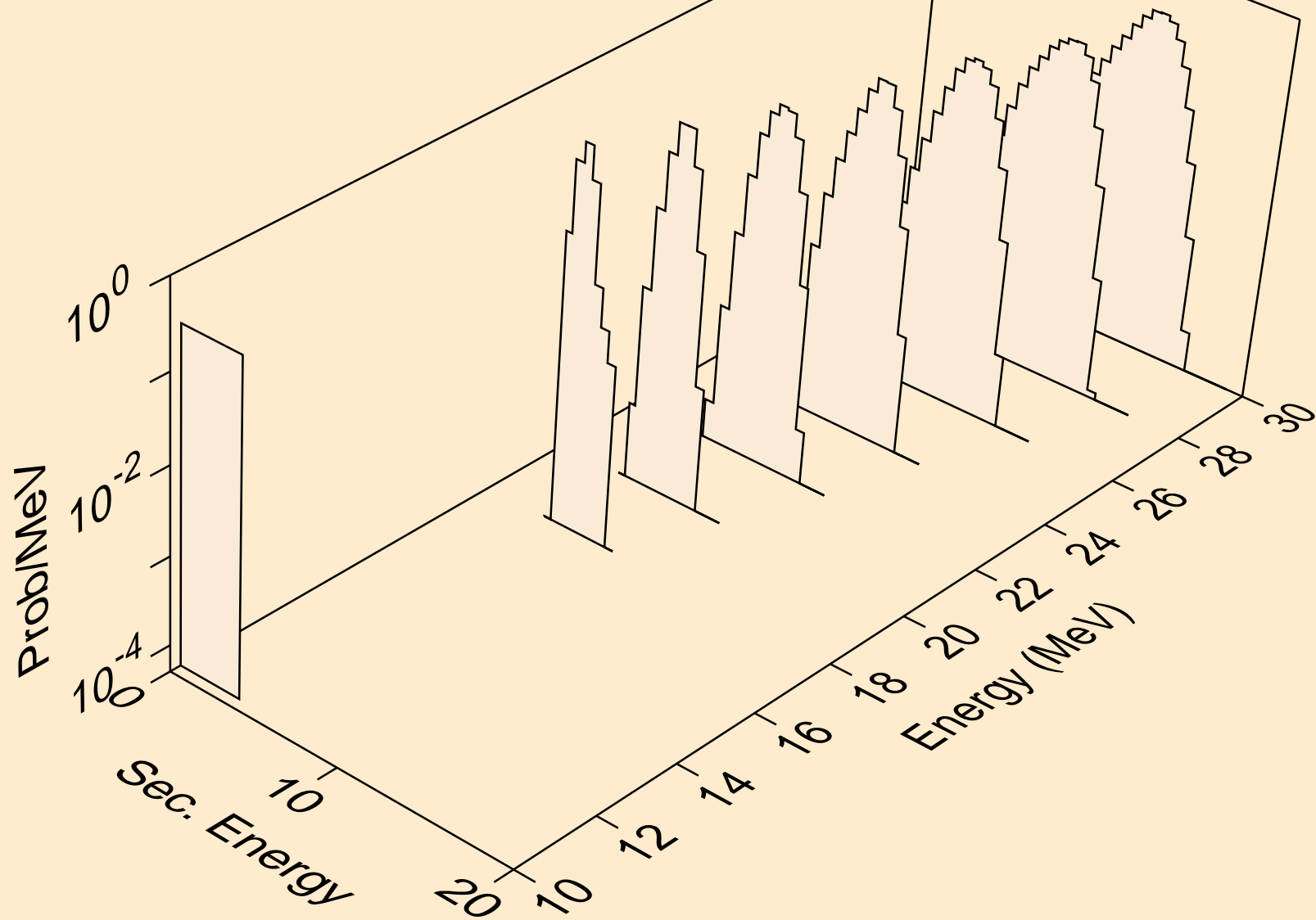
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



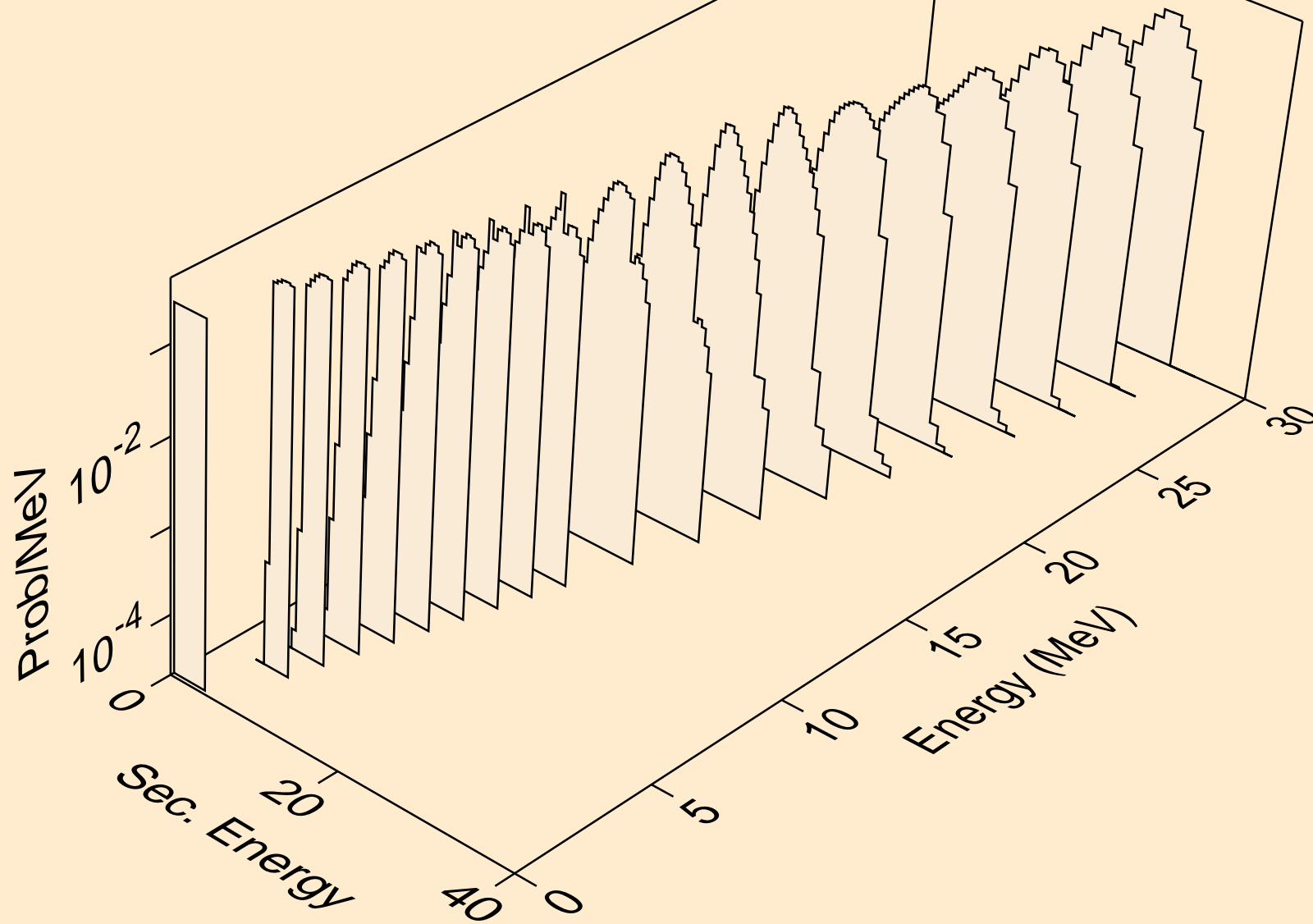
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



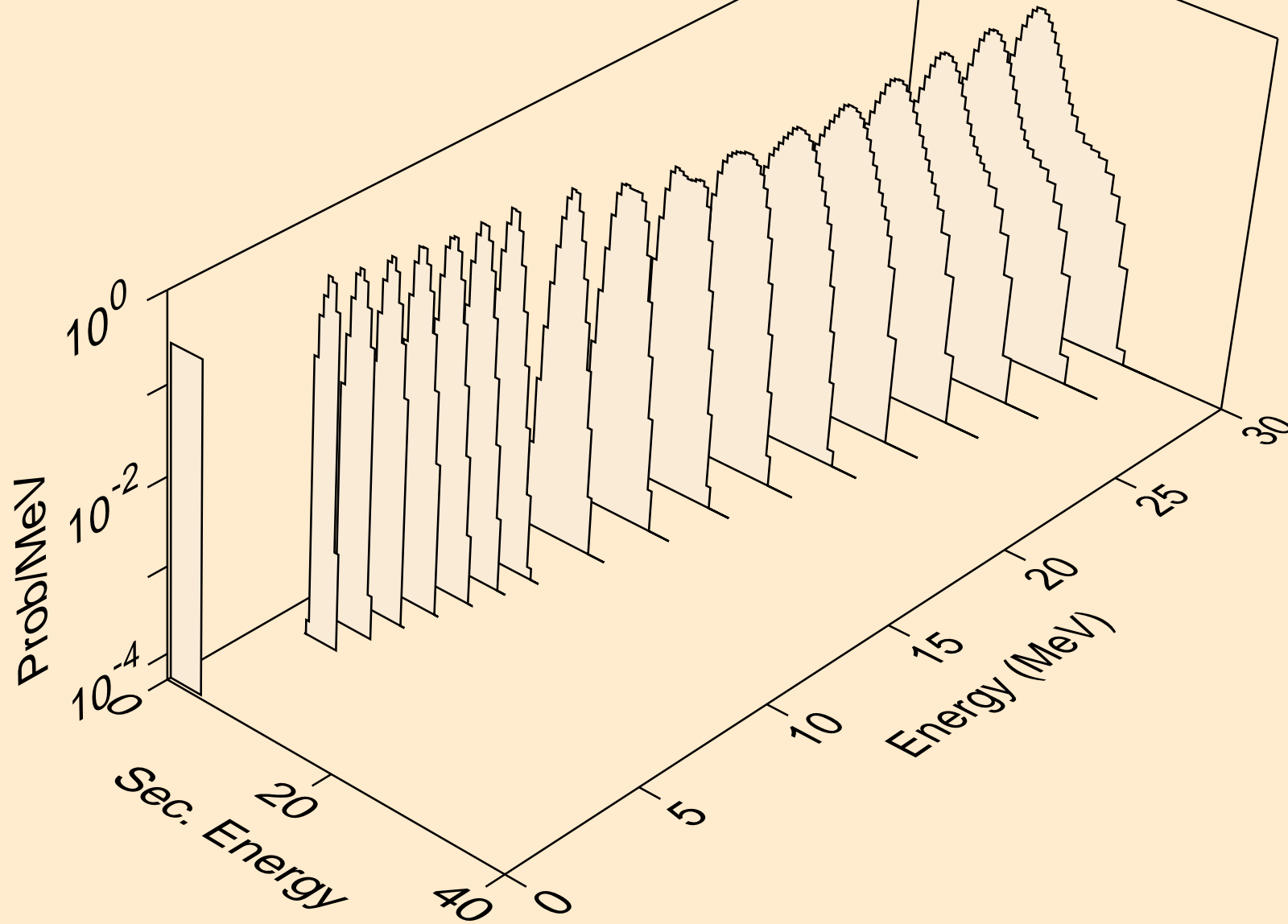
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



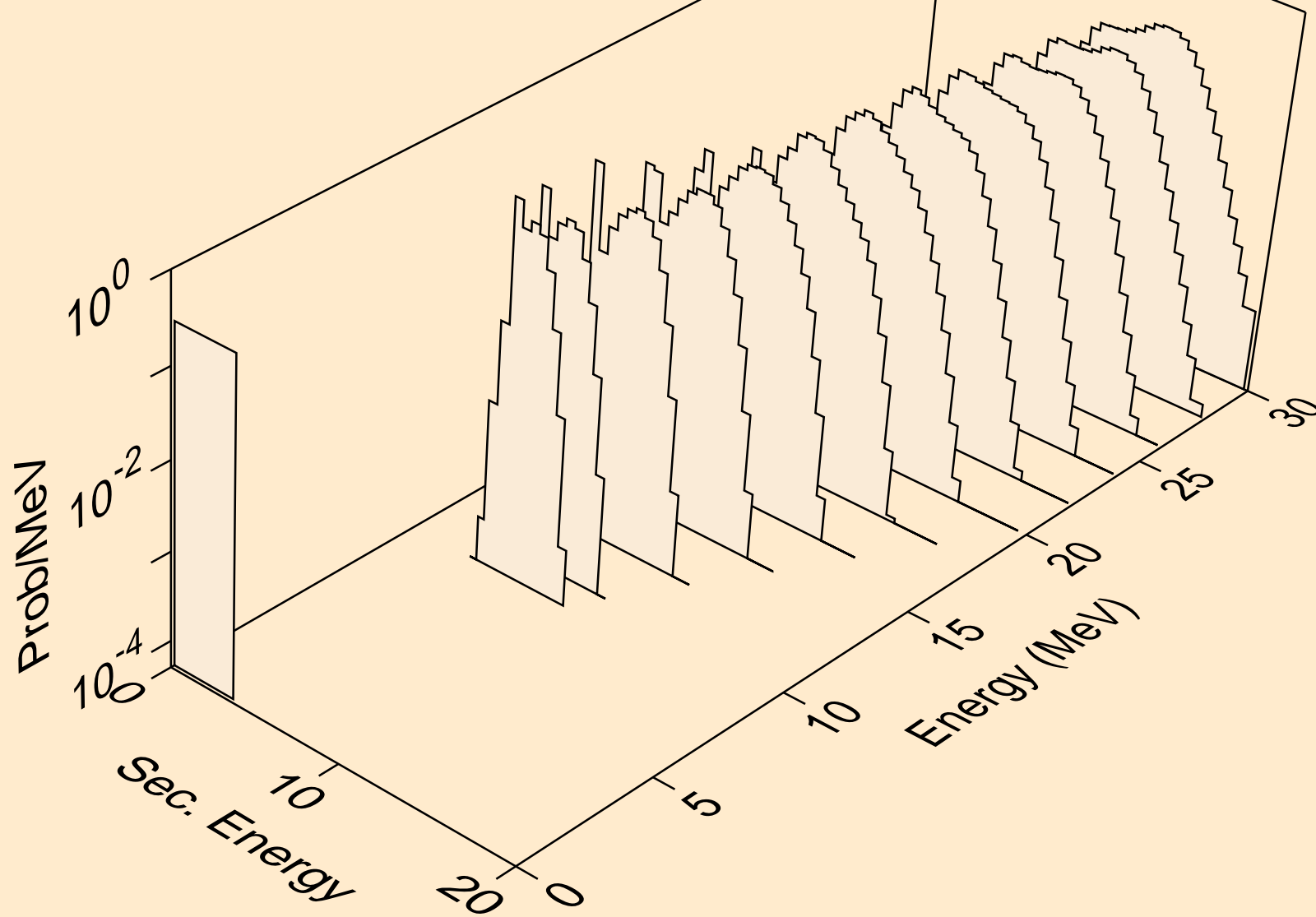
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



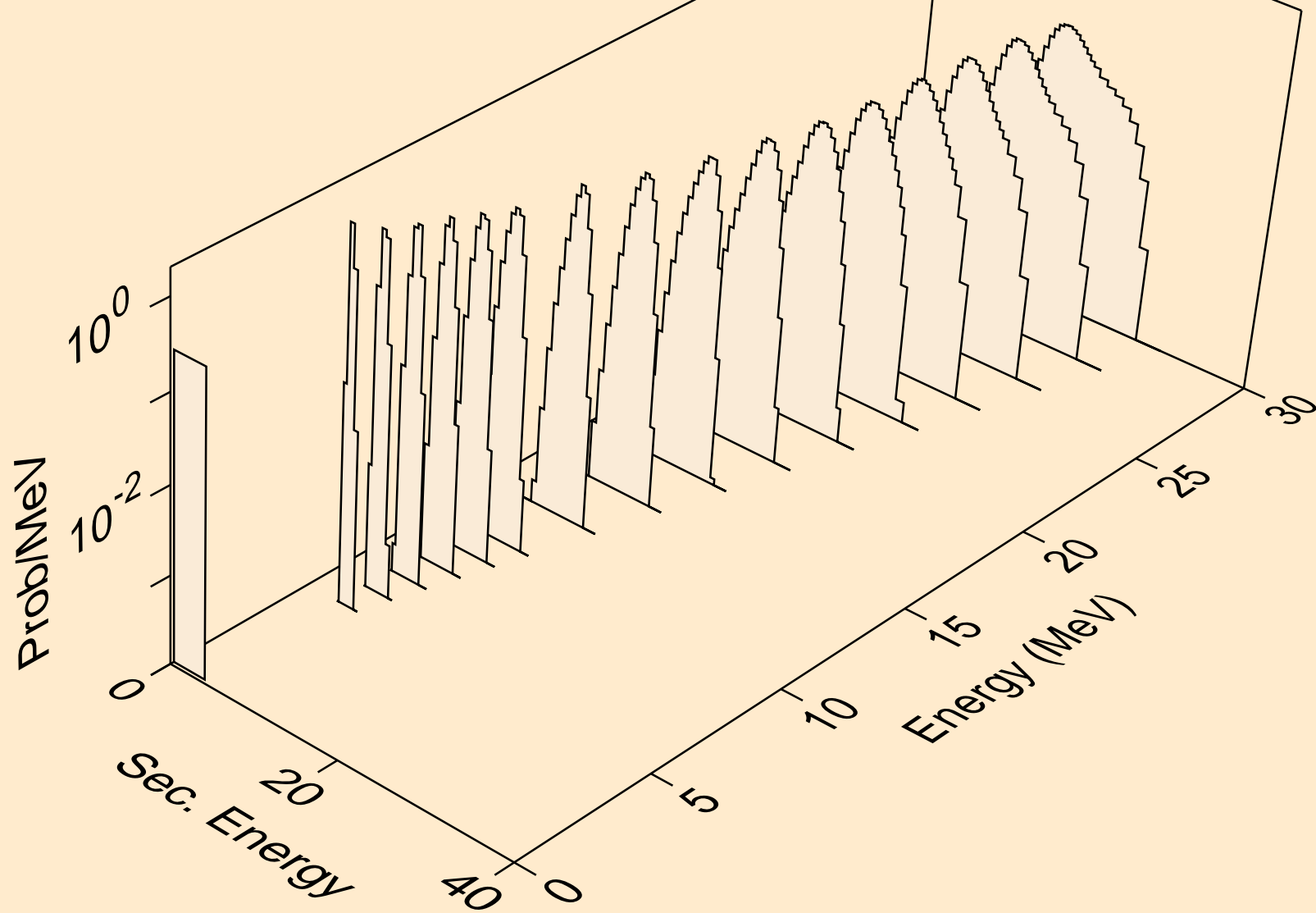
CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)



CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



CS119 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

