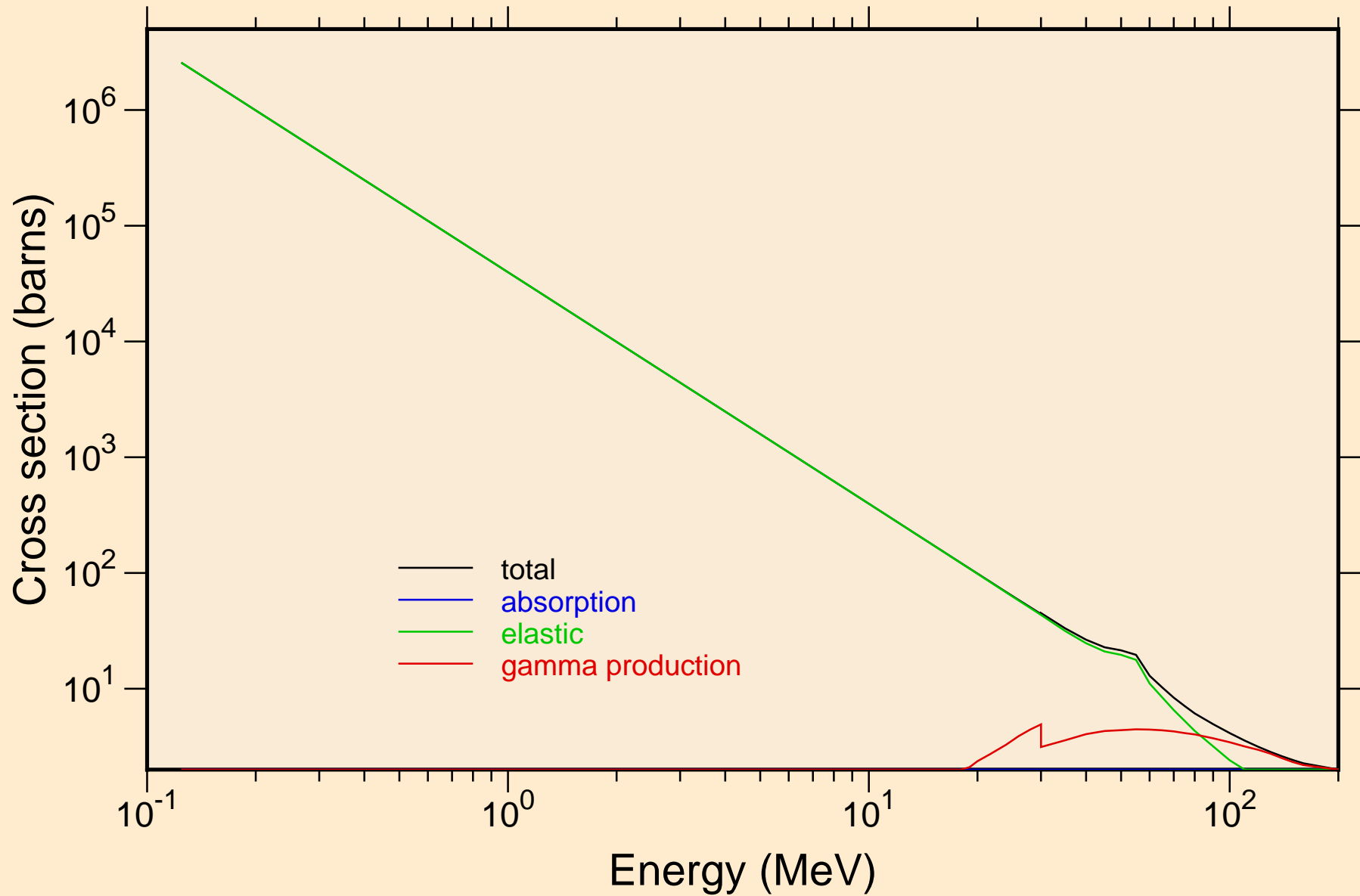
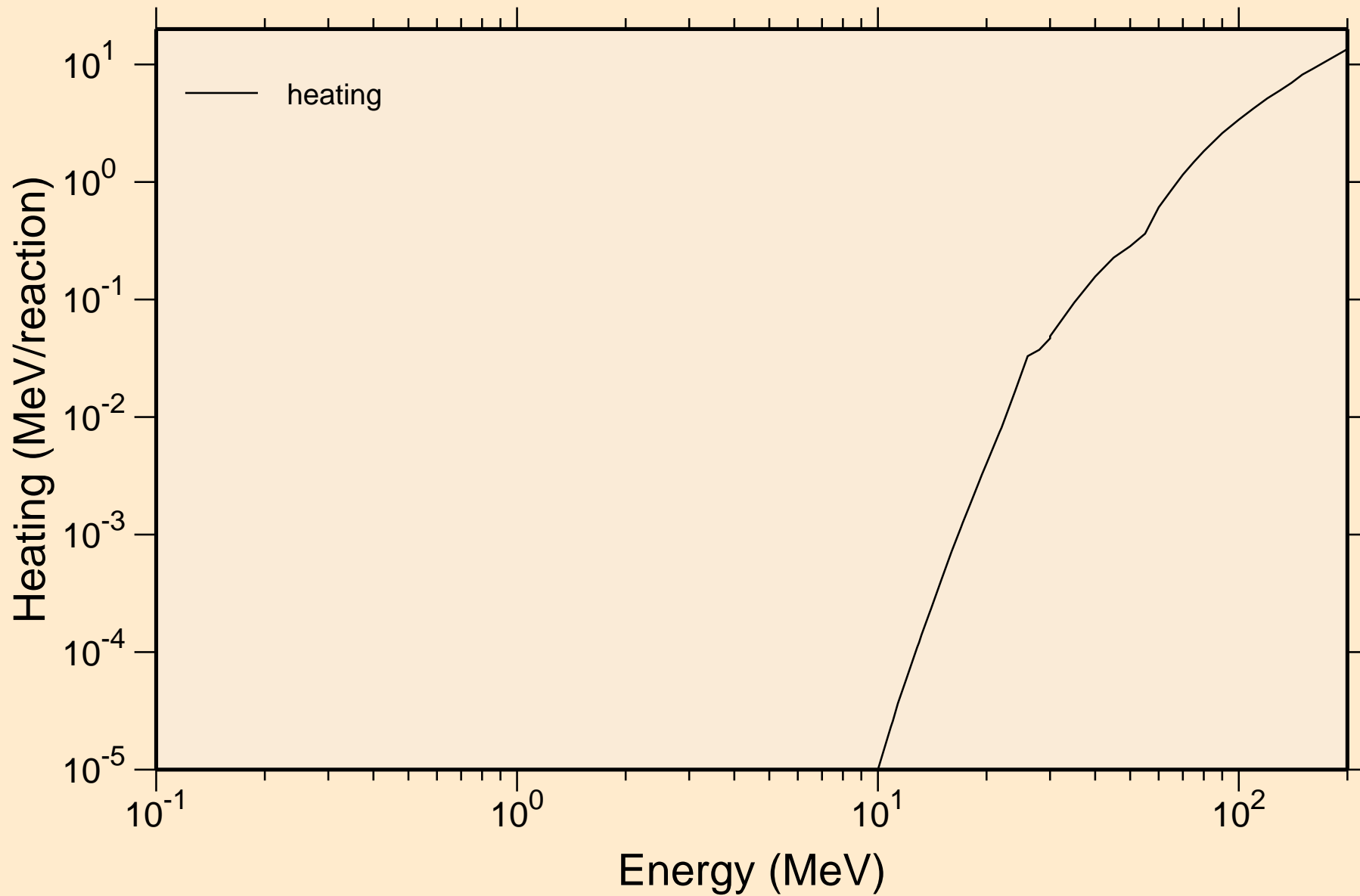


# HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

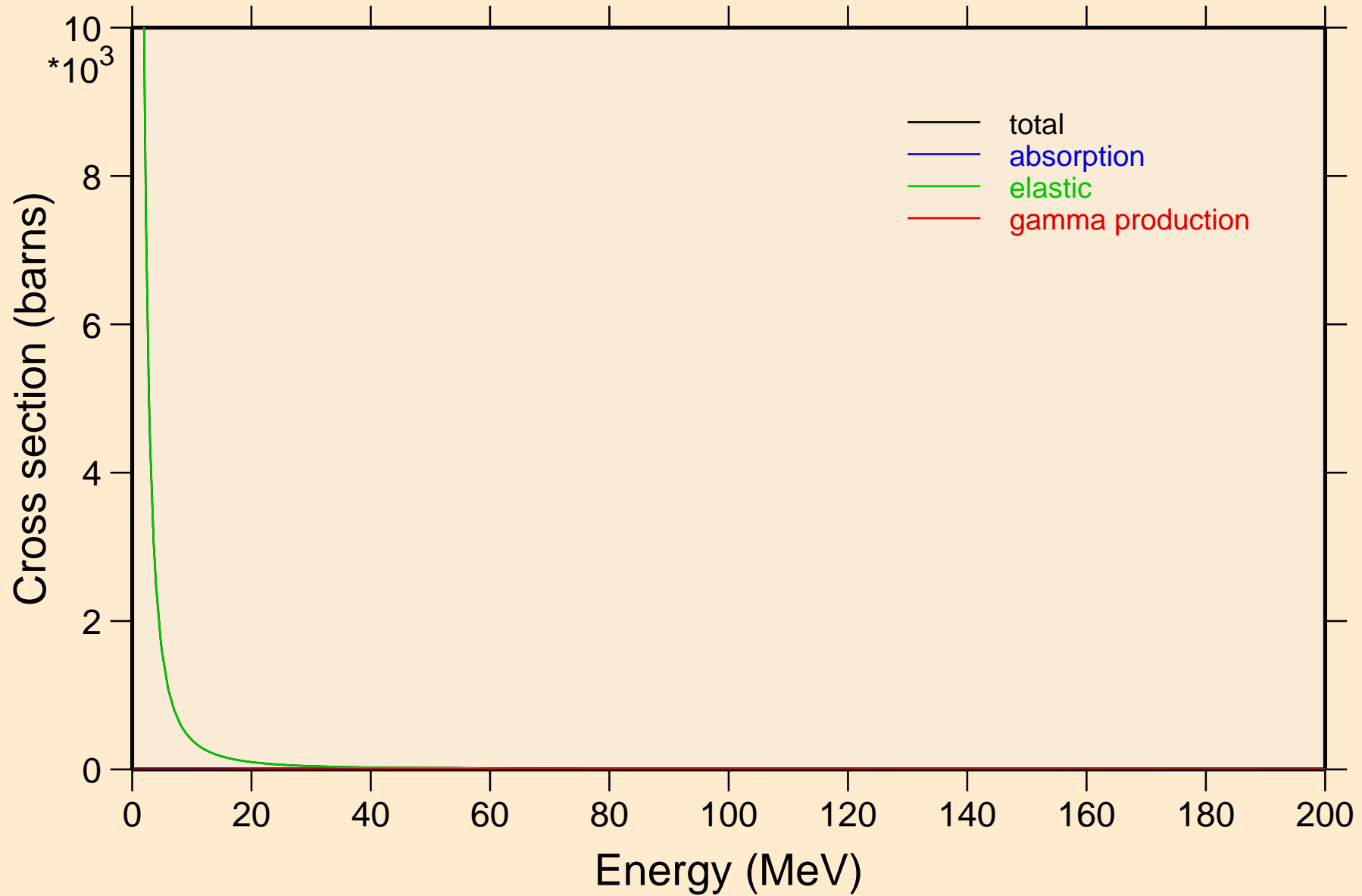


HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating



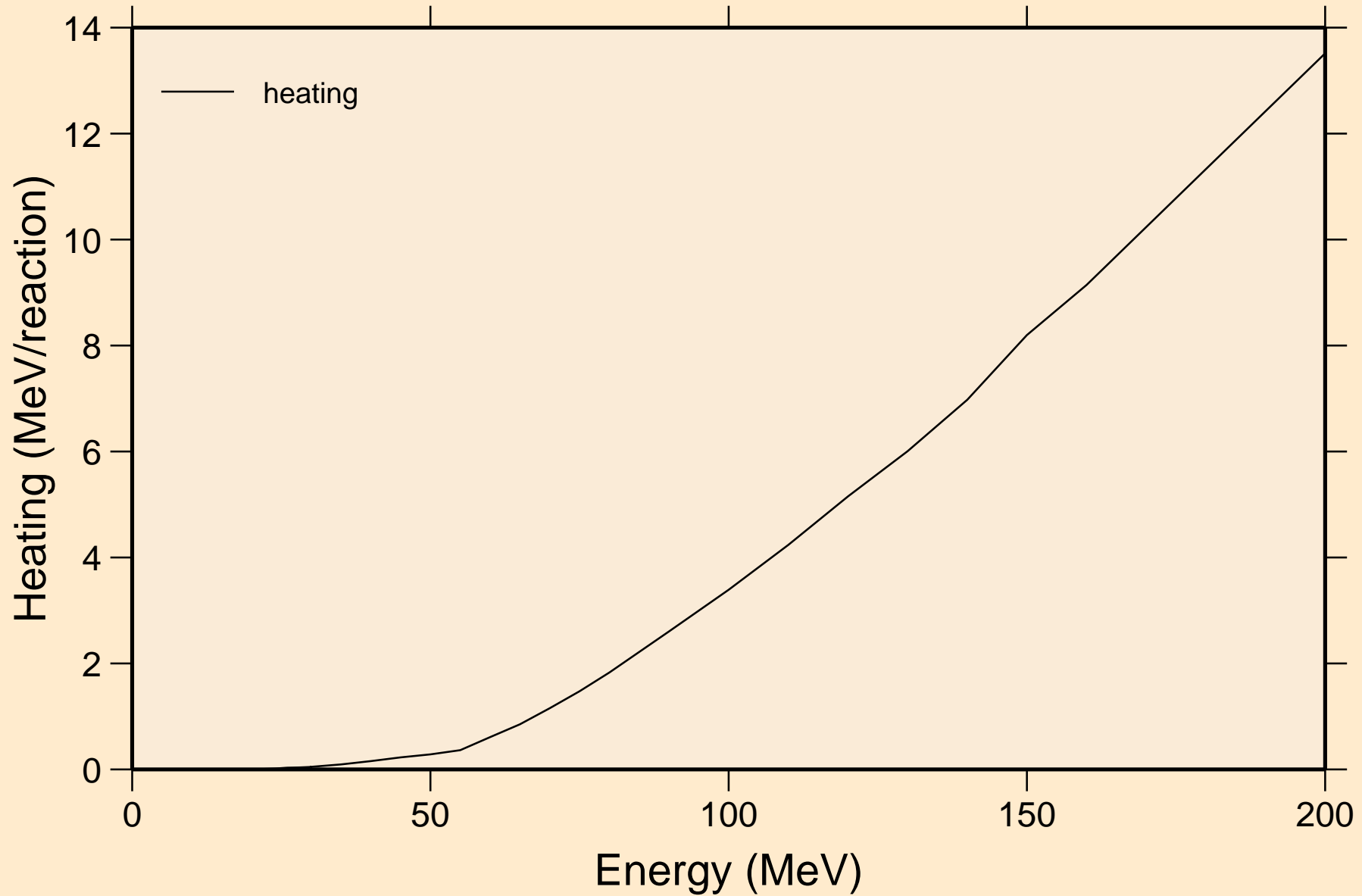
# HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



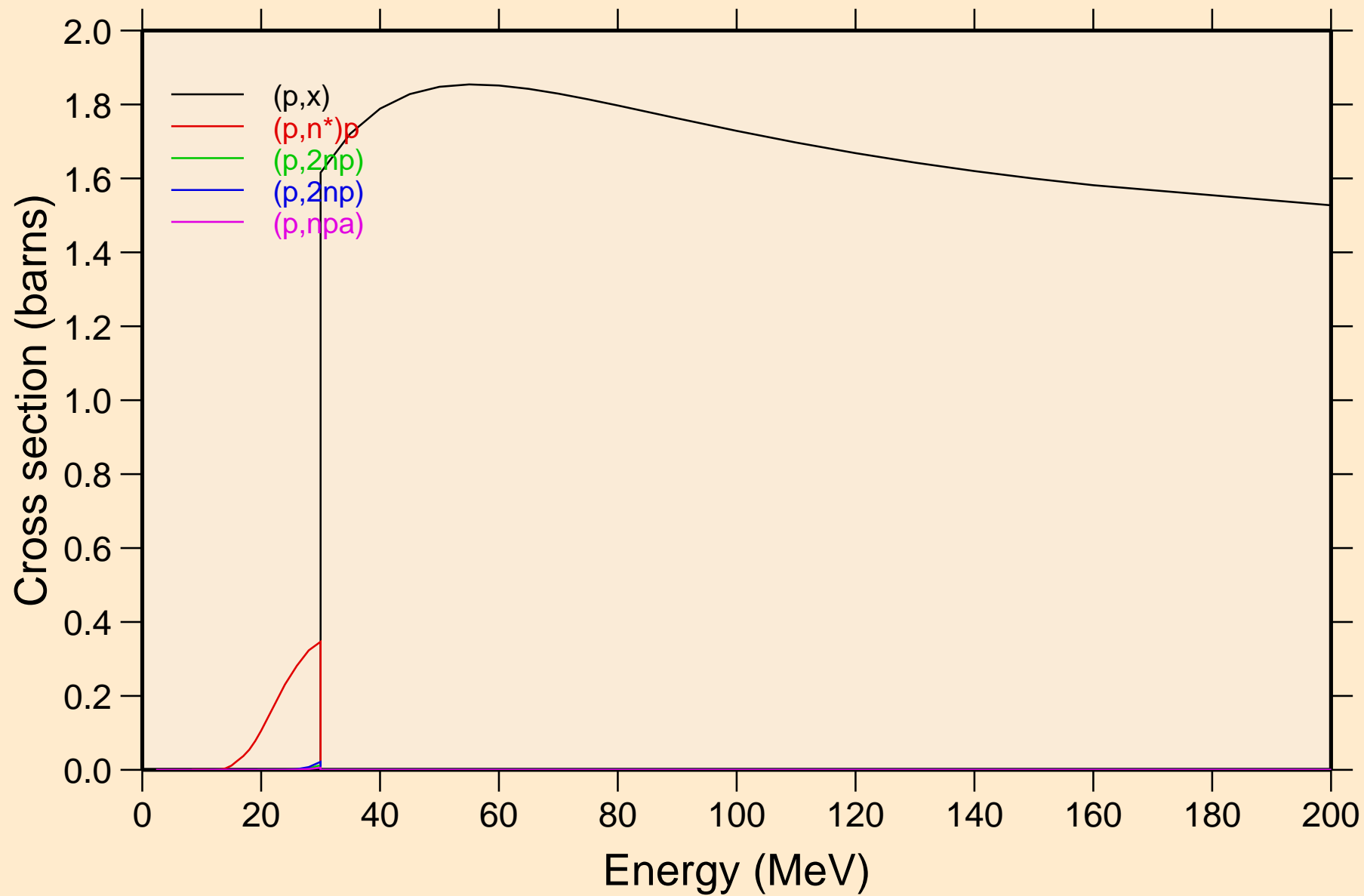
# HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



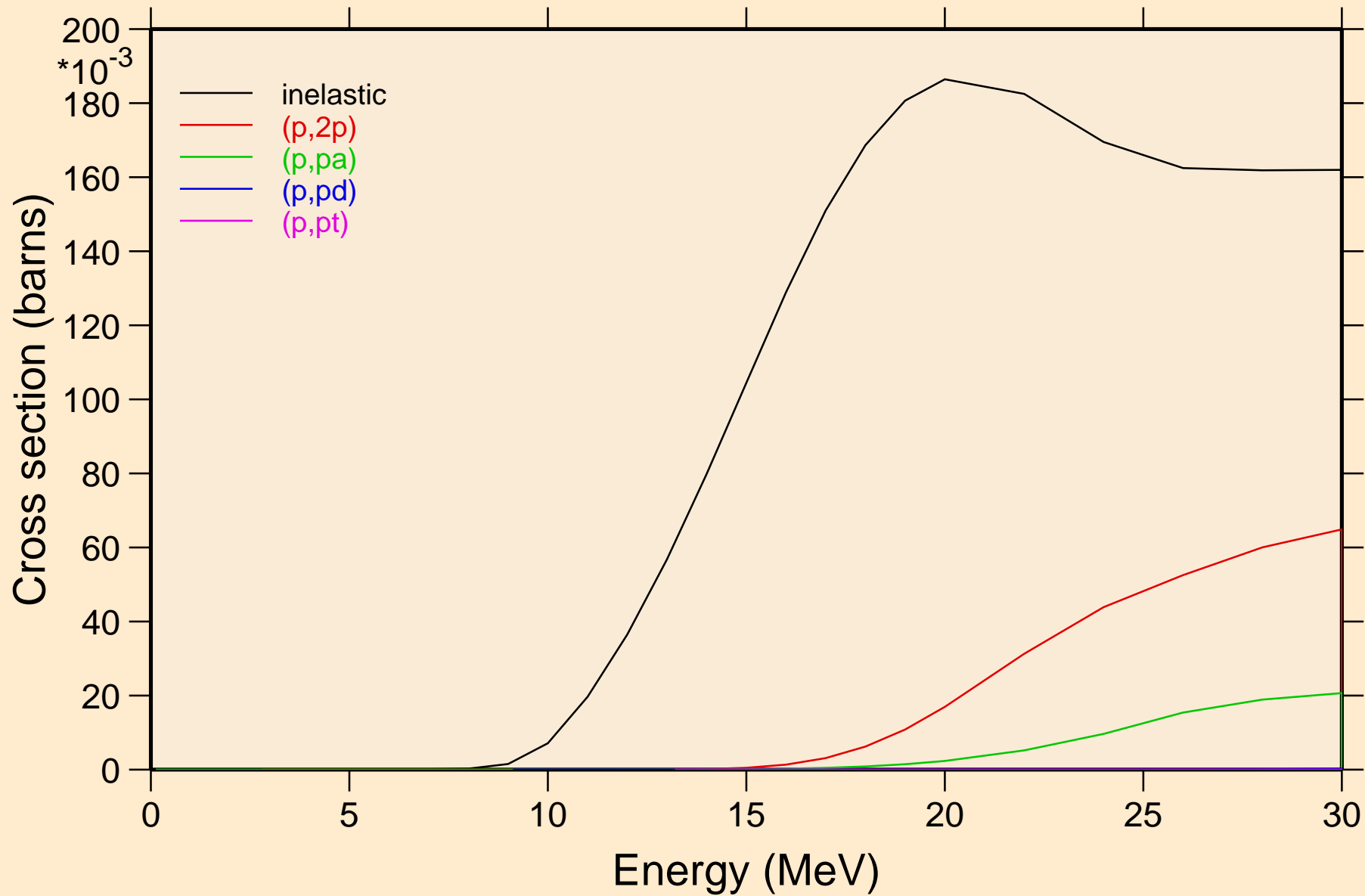
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## Threshold reactions

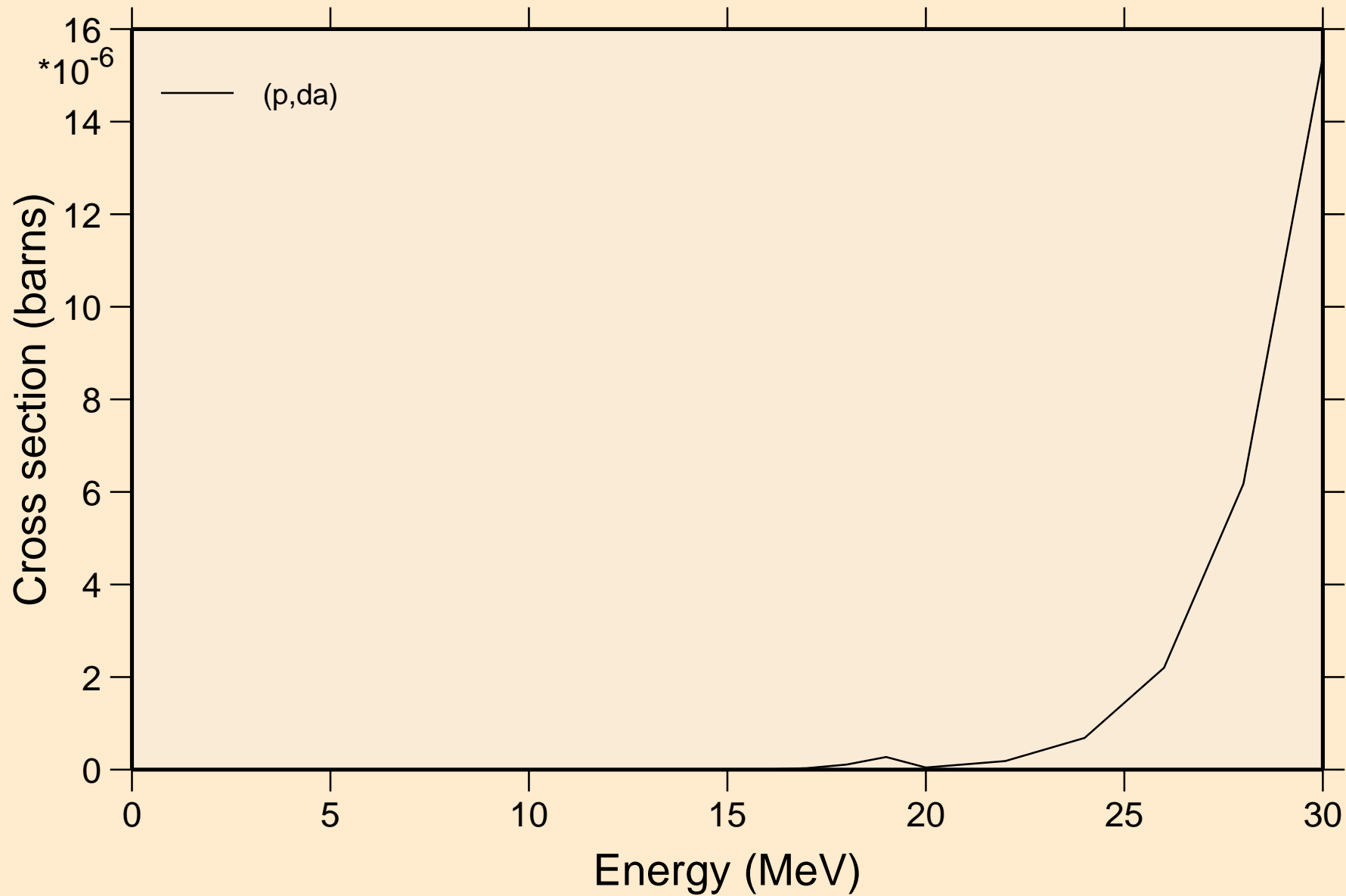


# HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K

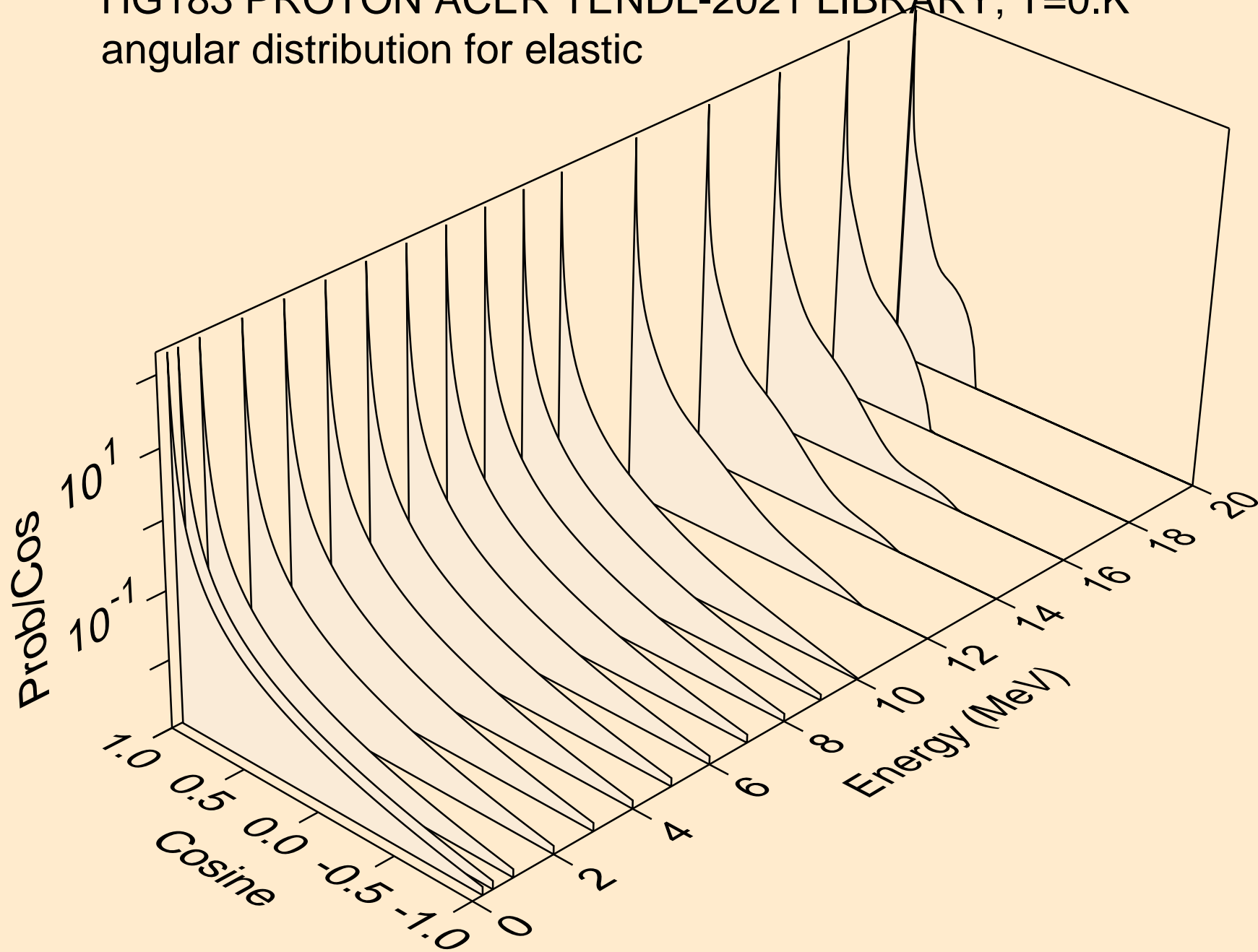
## Threshold reactions



HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

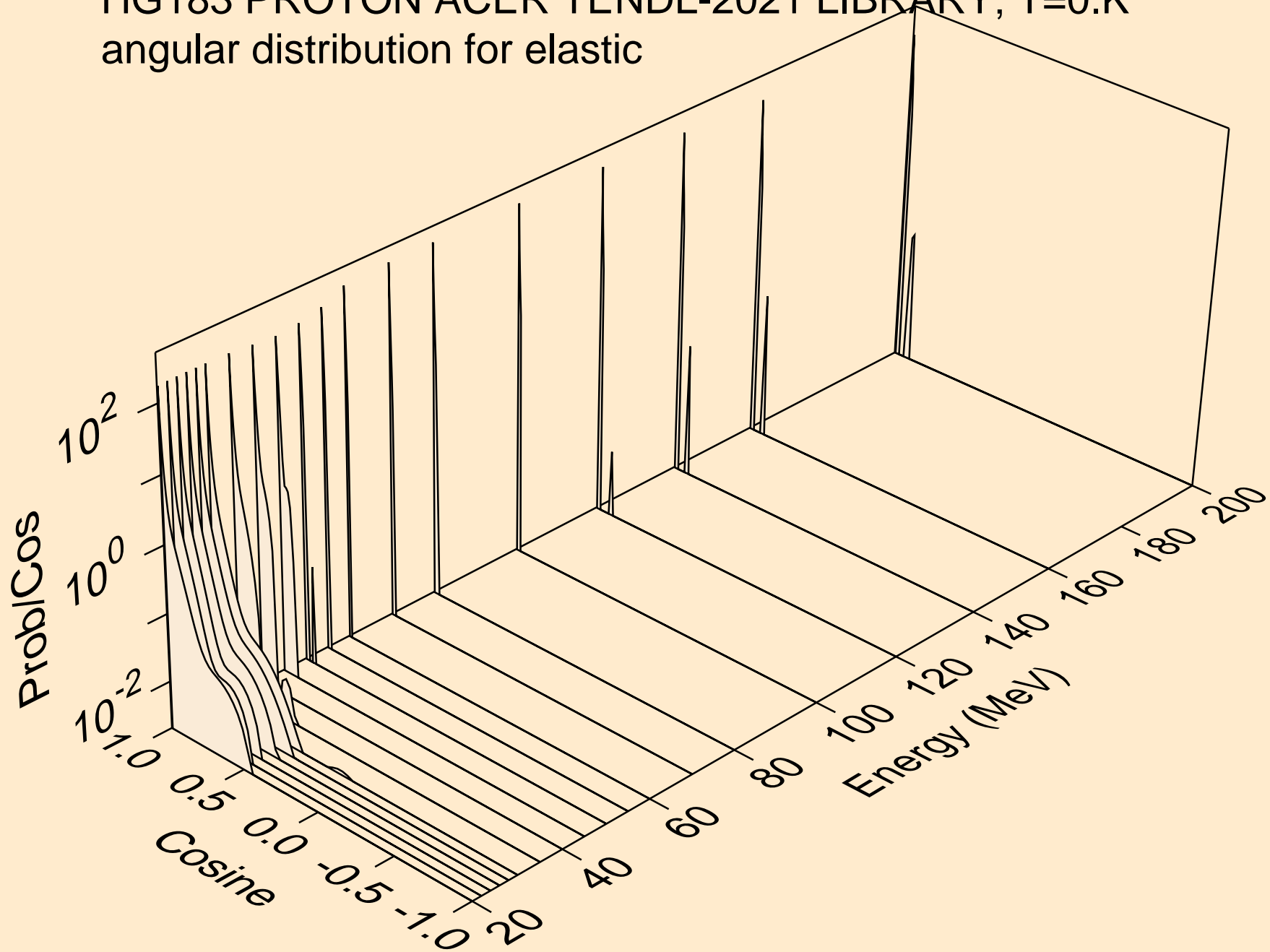


HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

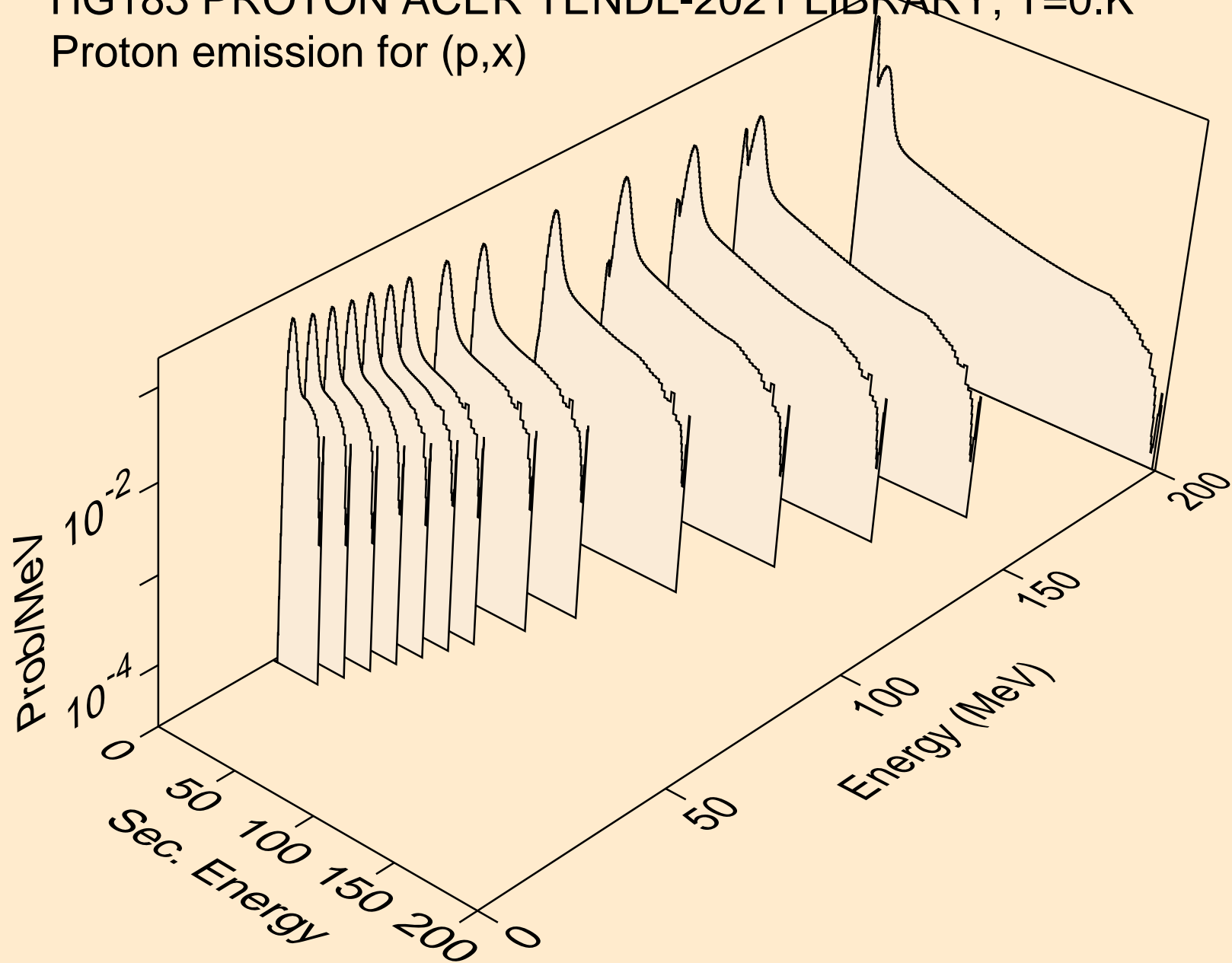




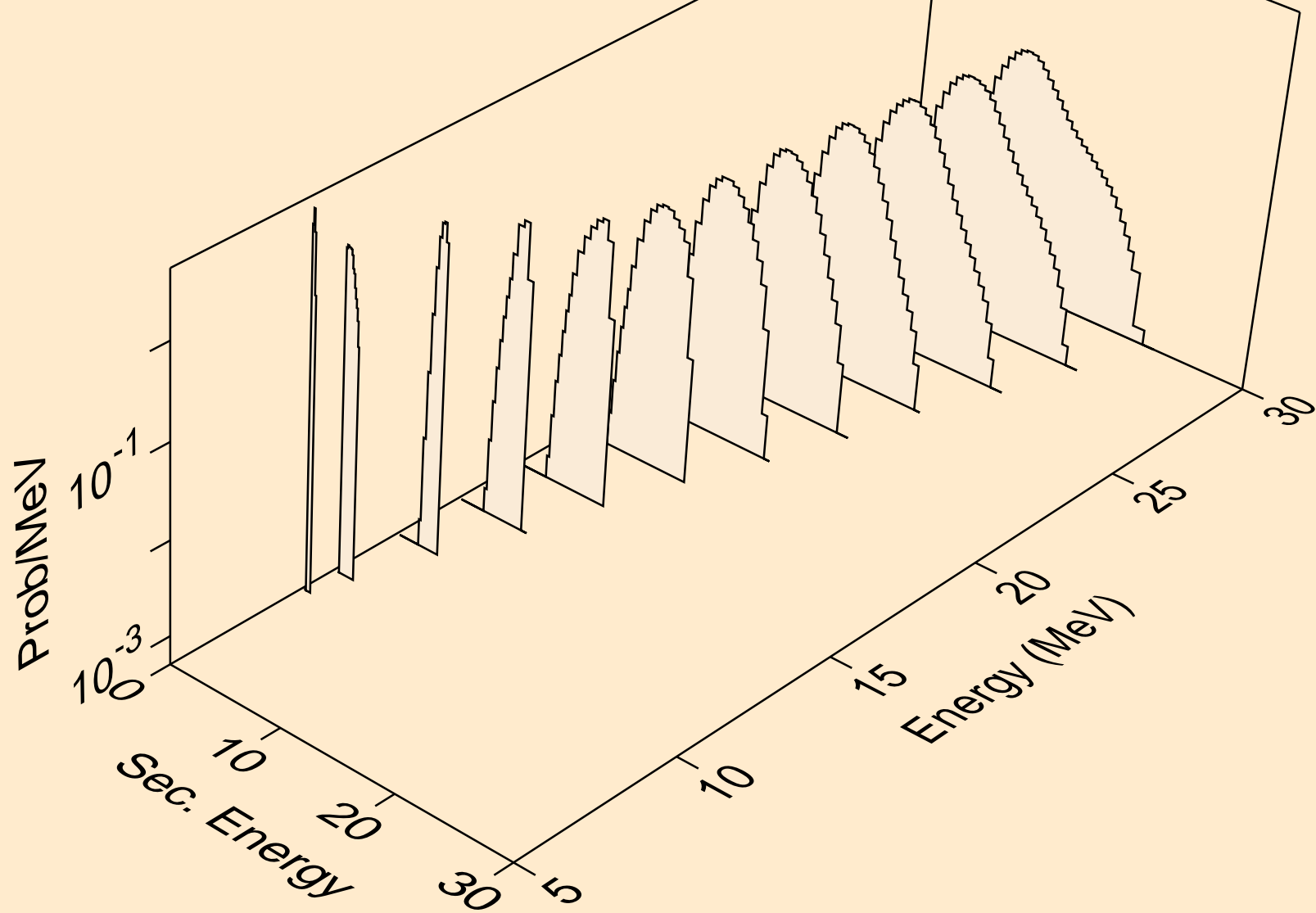
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



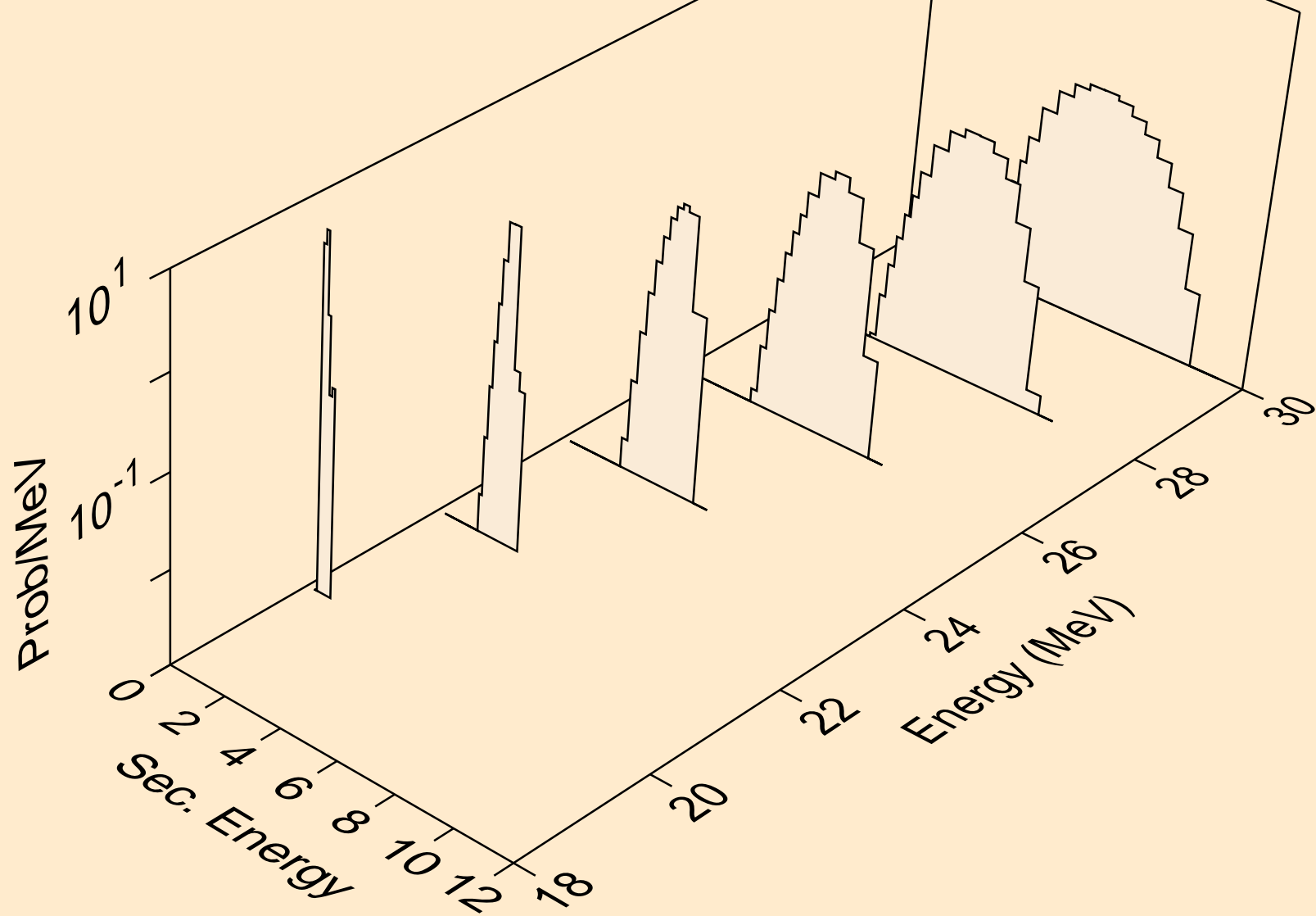
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



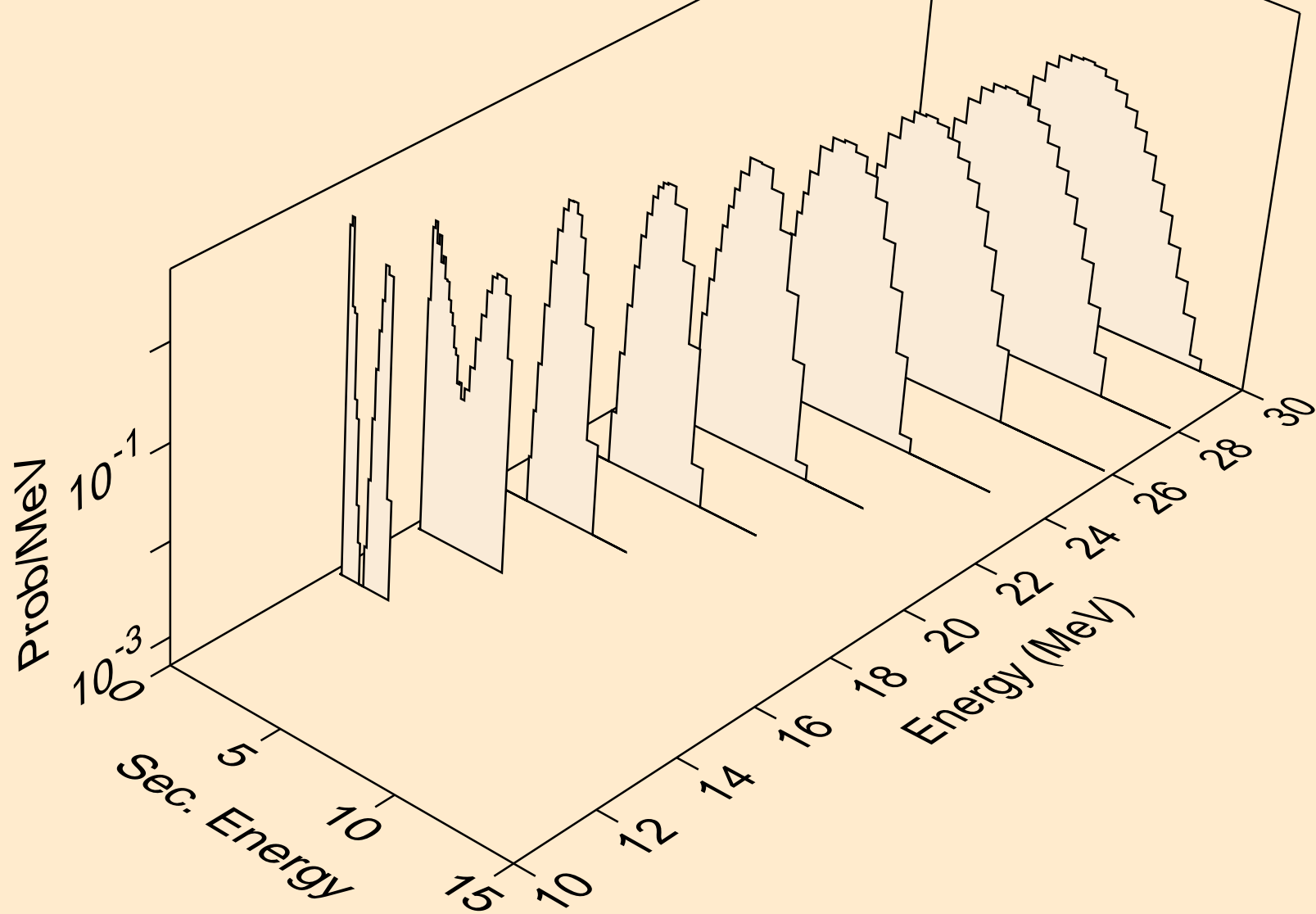
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



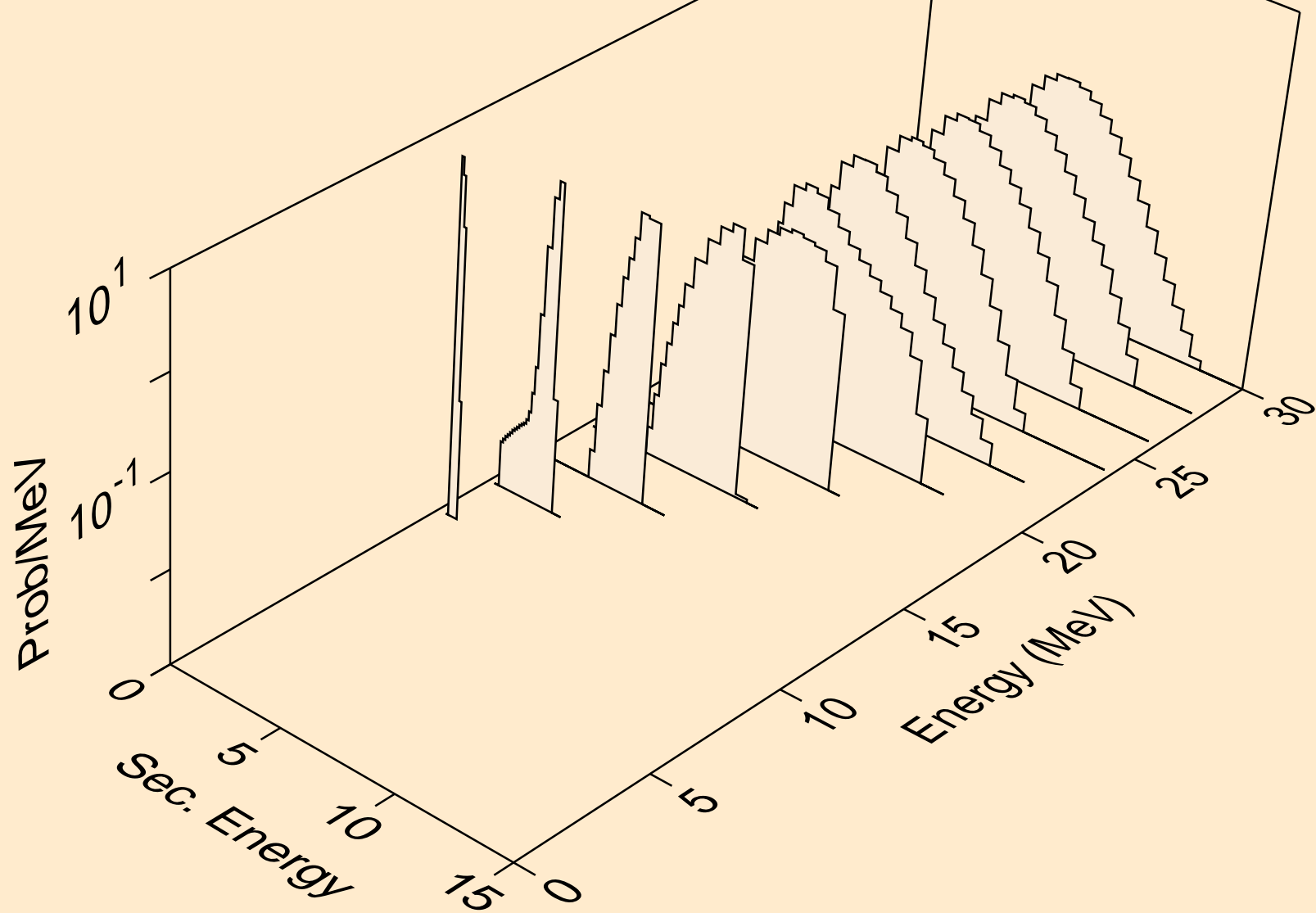
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



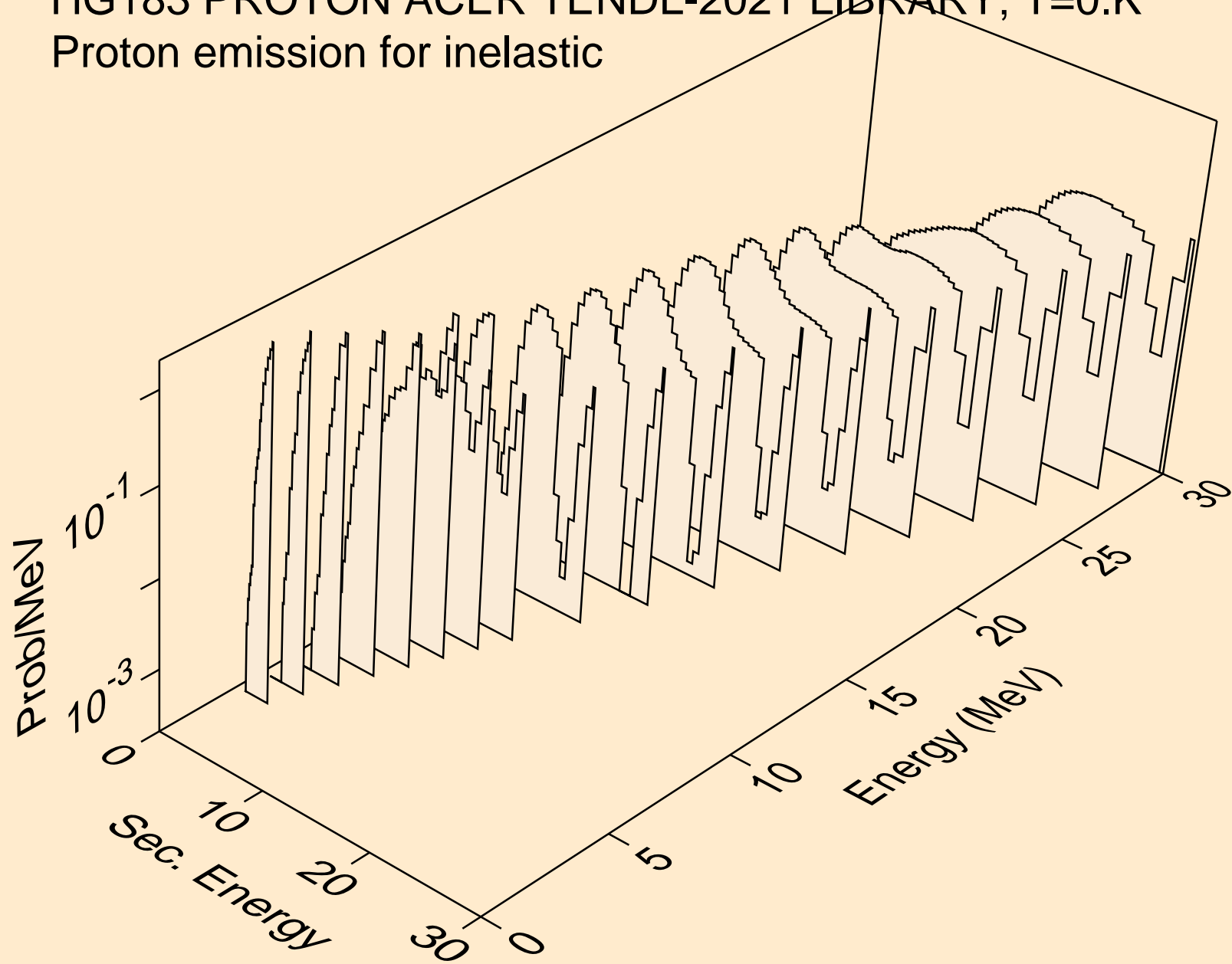
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



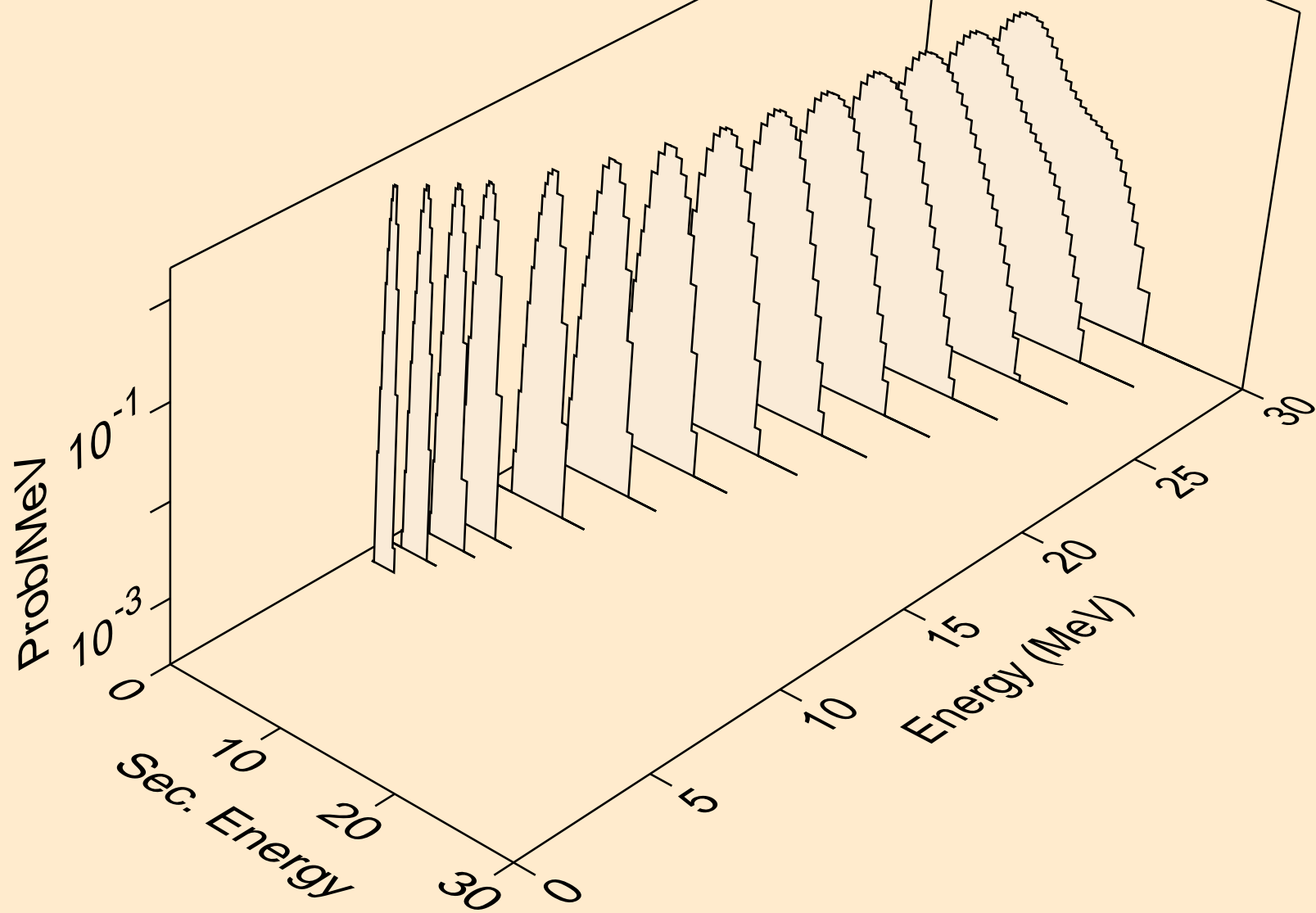
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)



HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

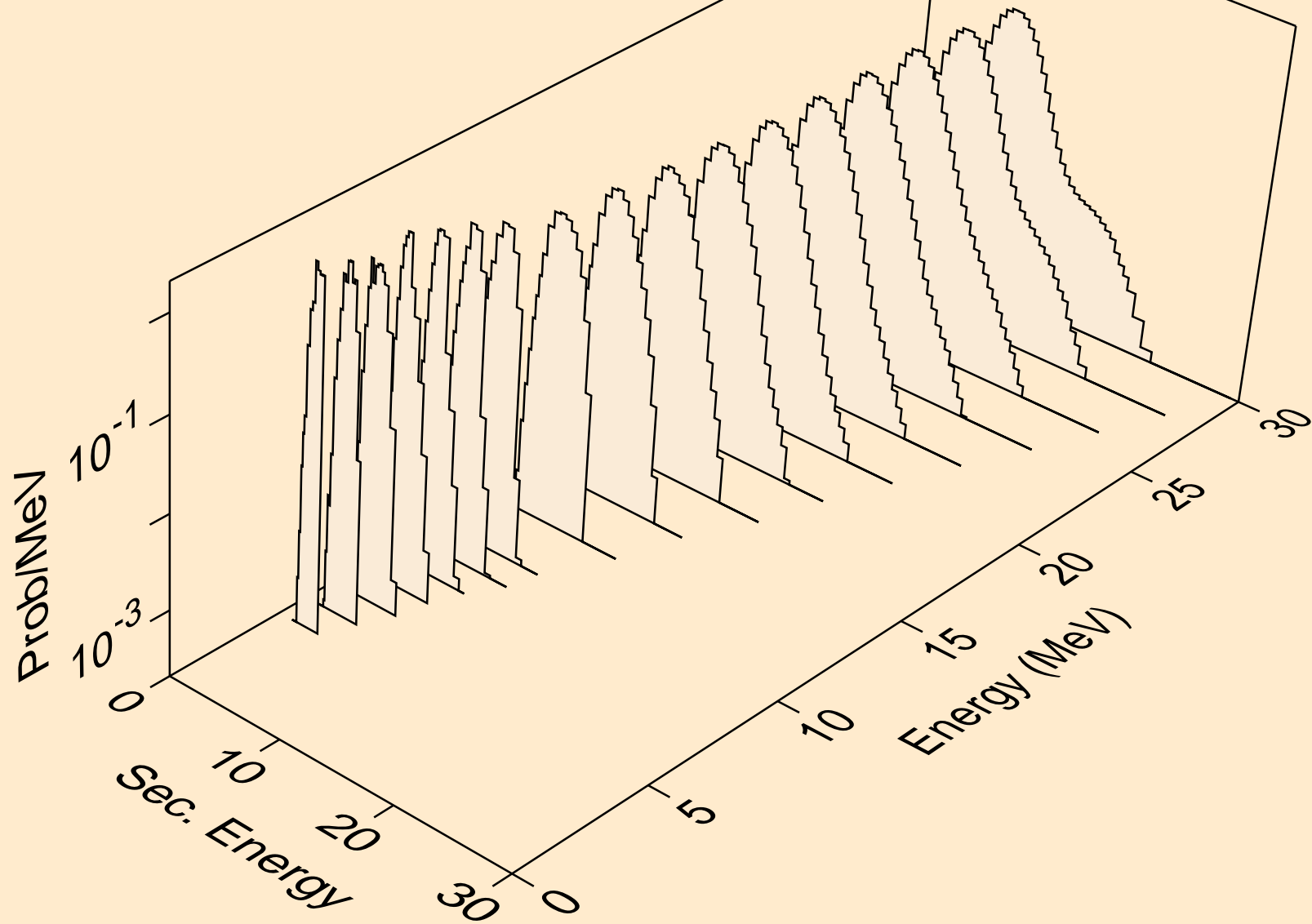


HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)

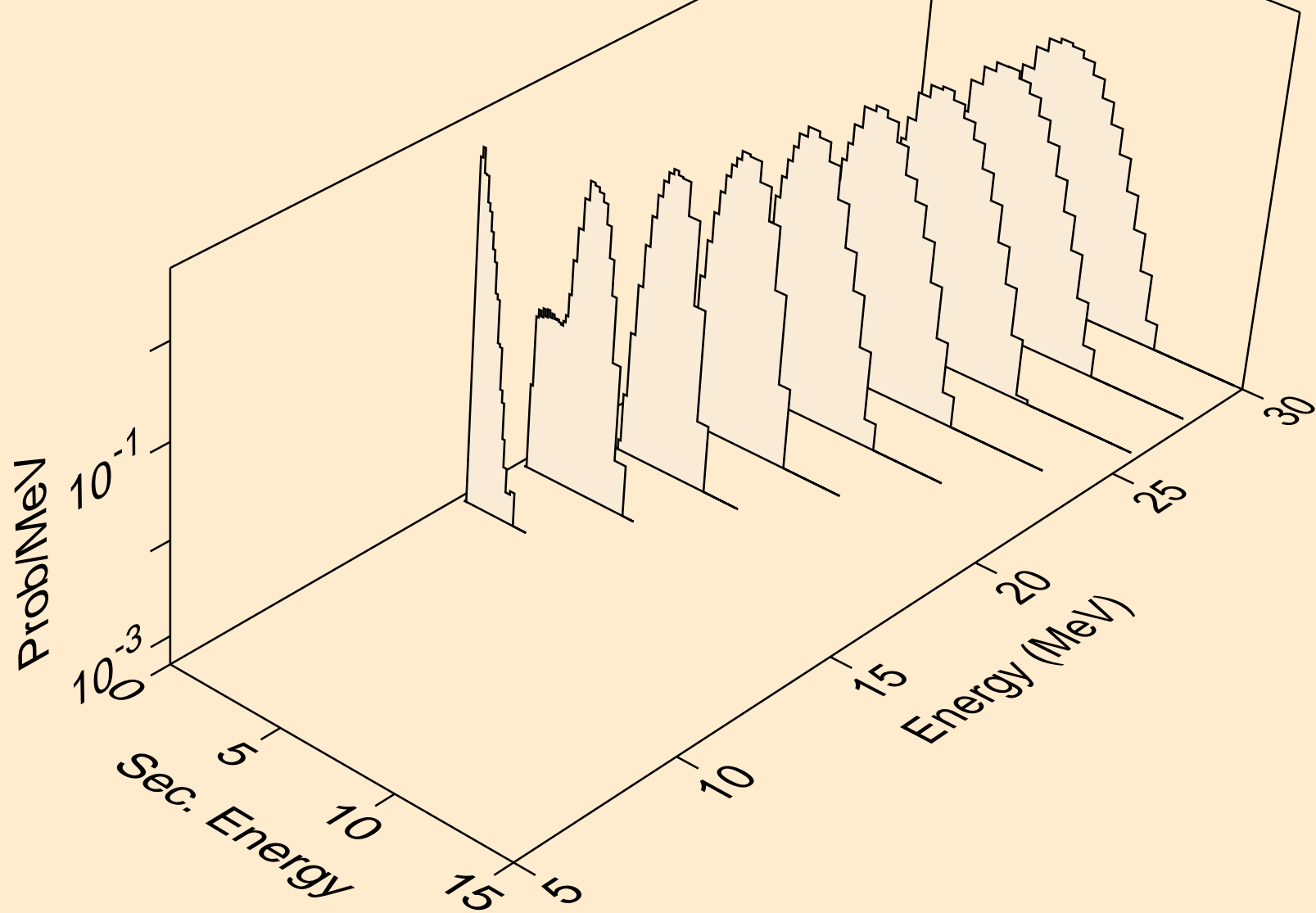




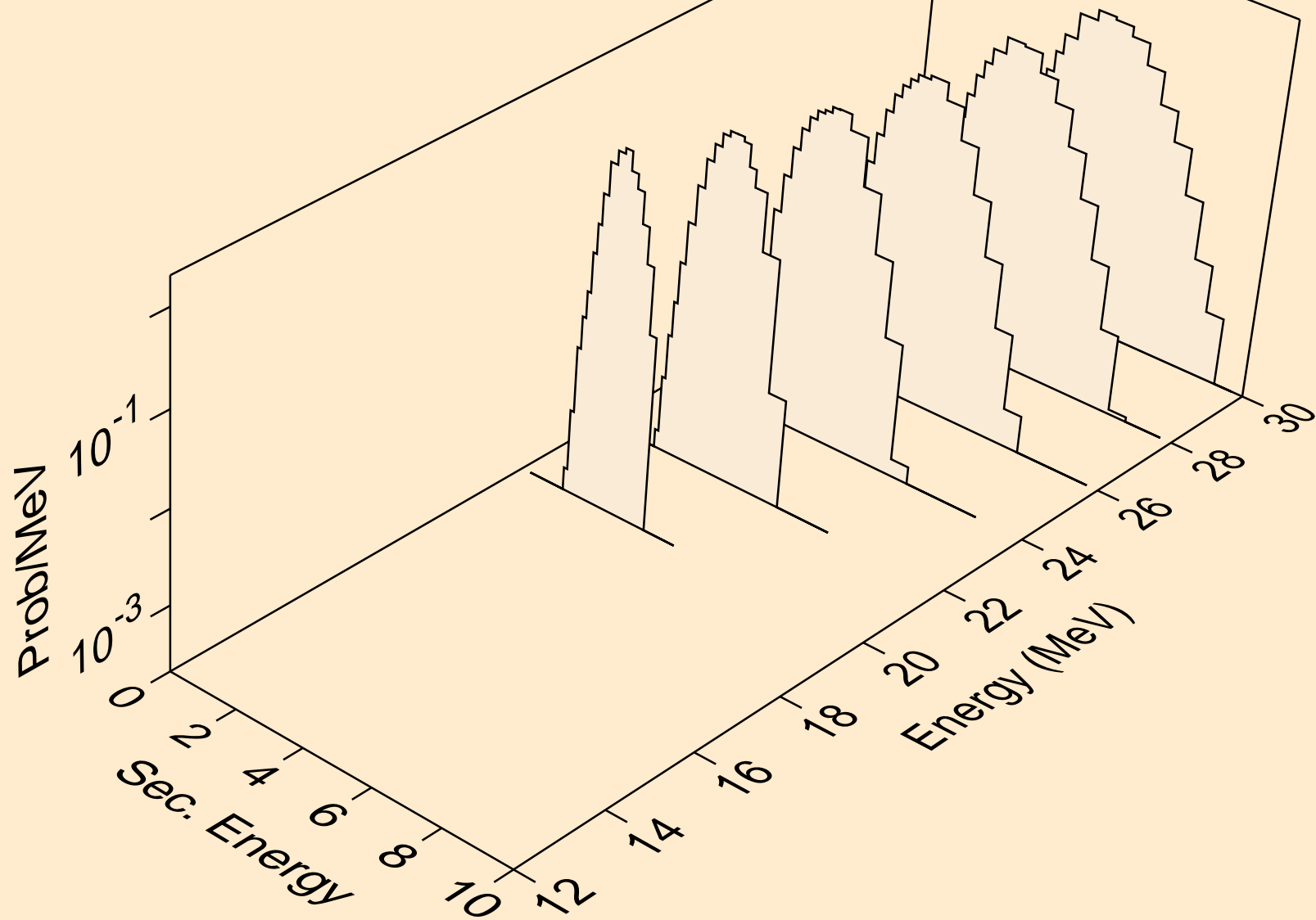
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Proton emission for (p,pa)



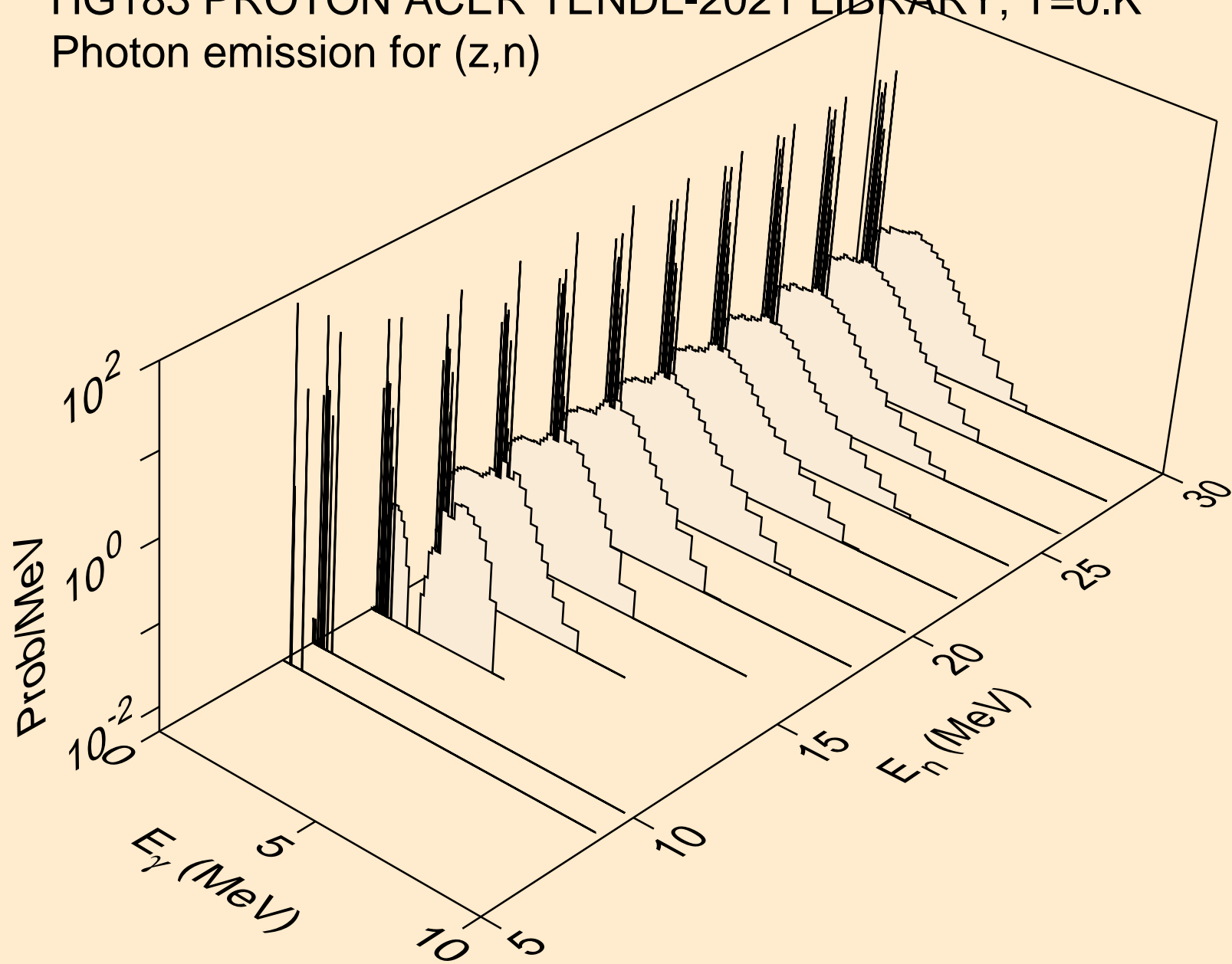
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



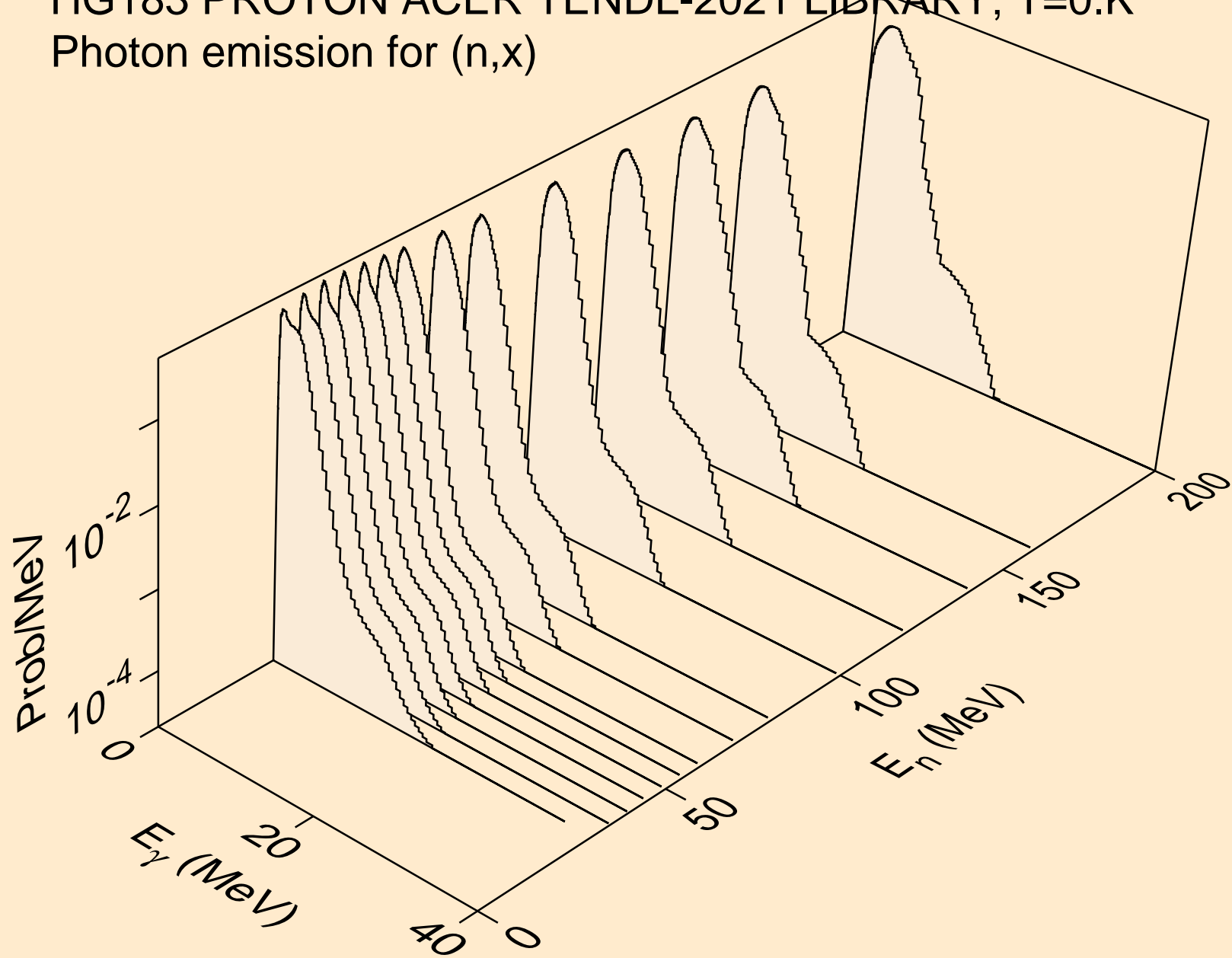
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



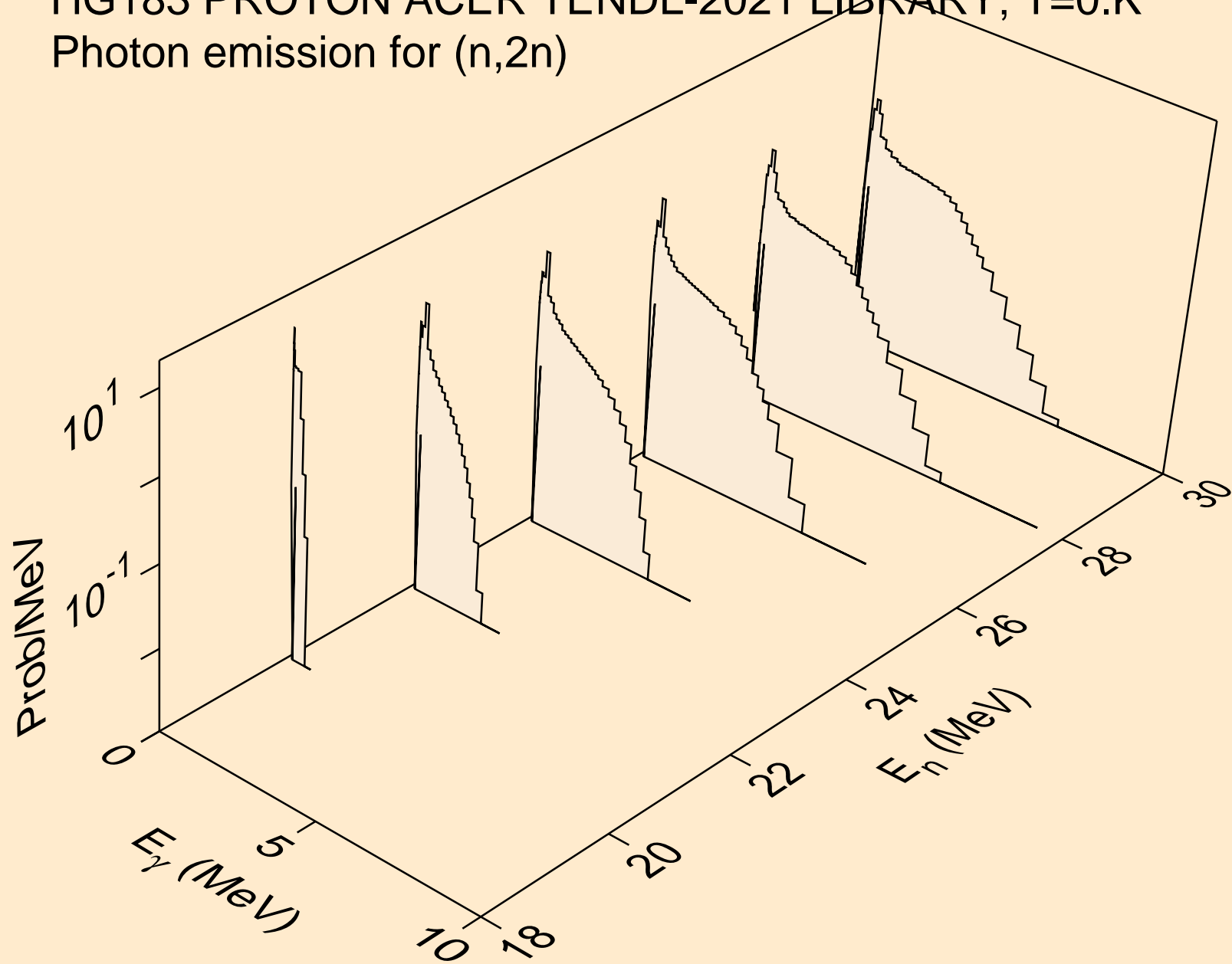
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



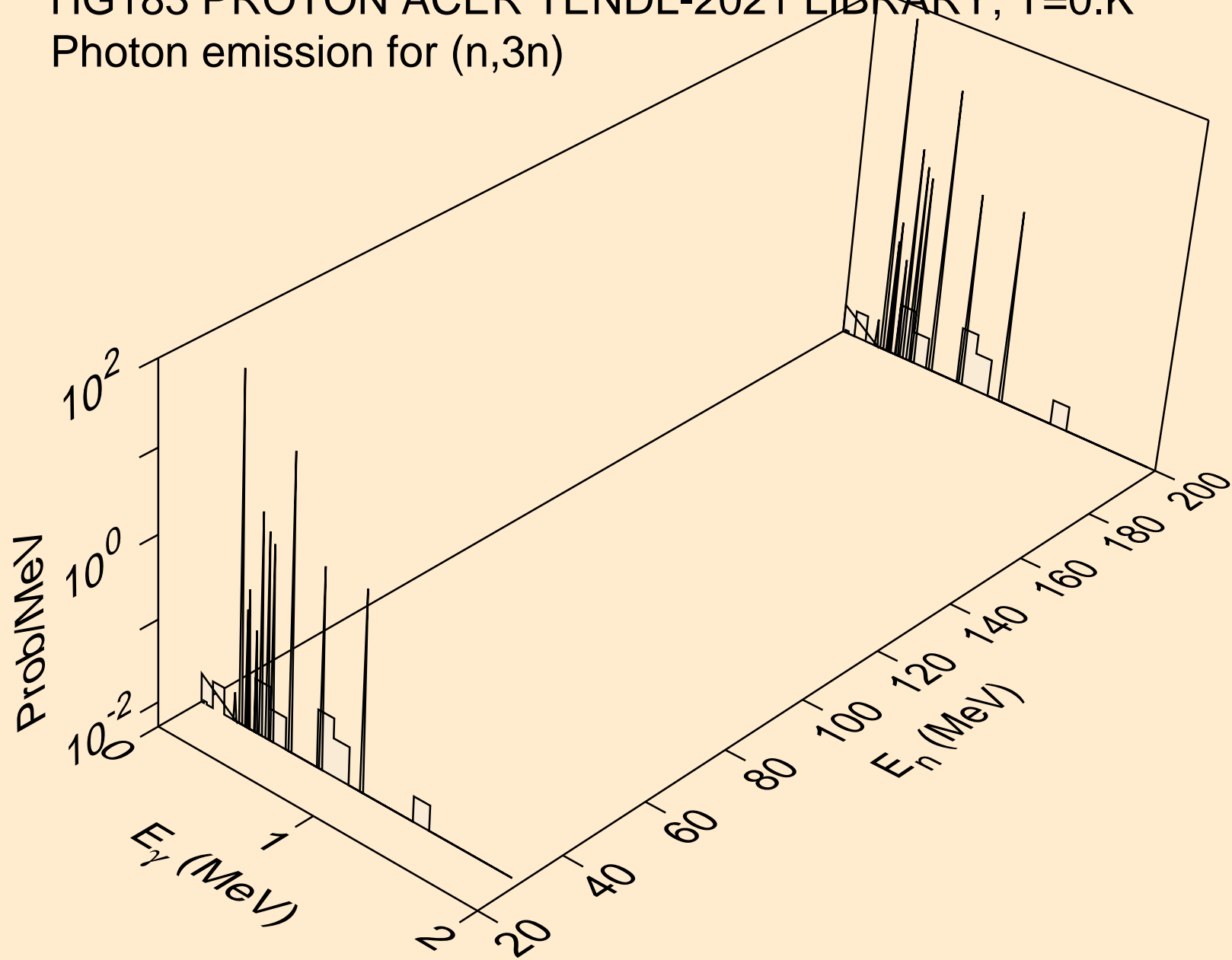
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



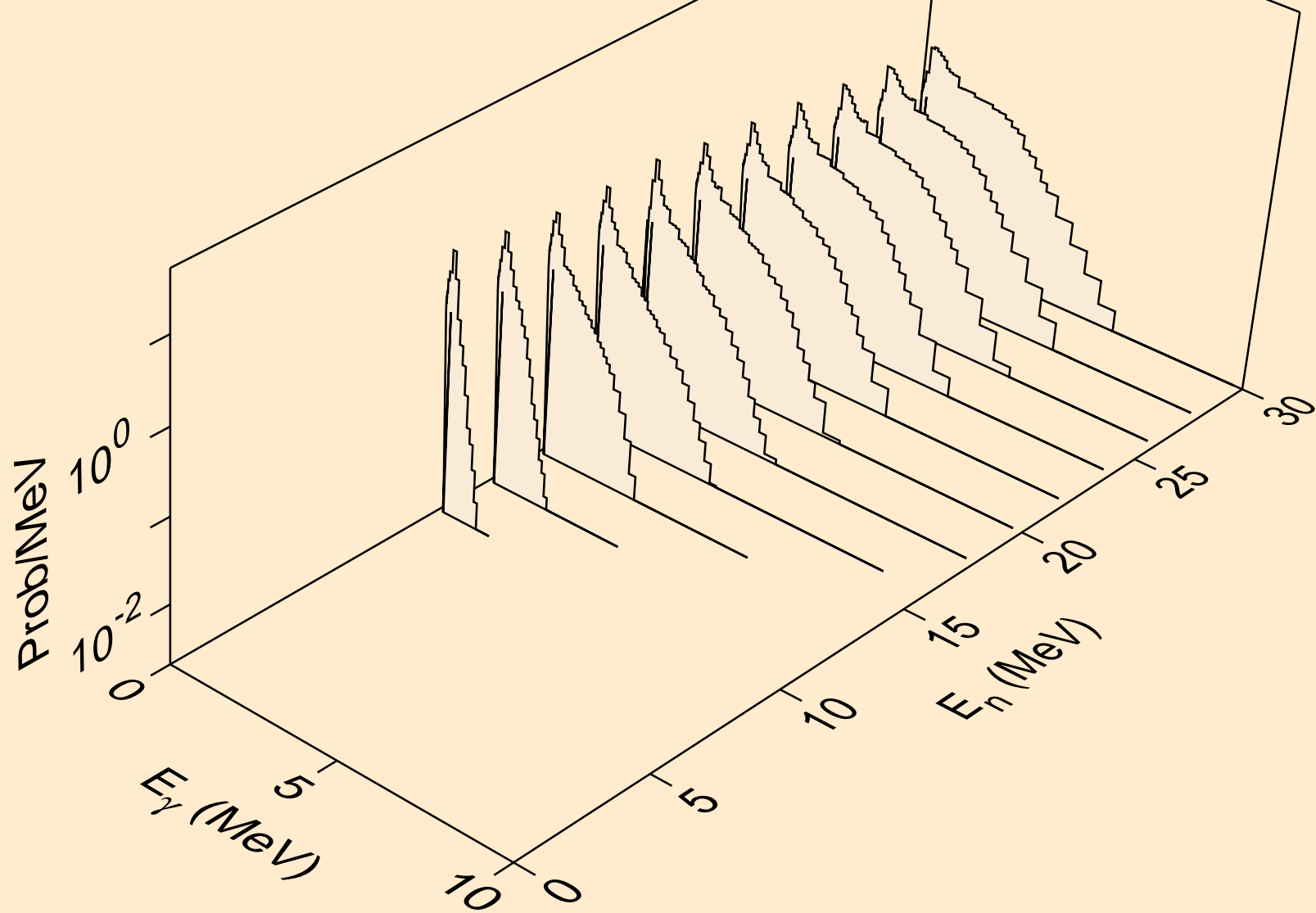
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

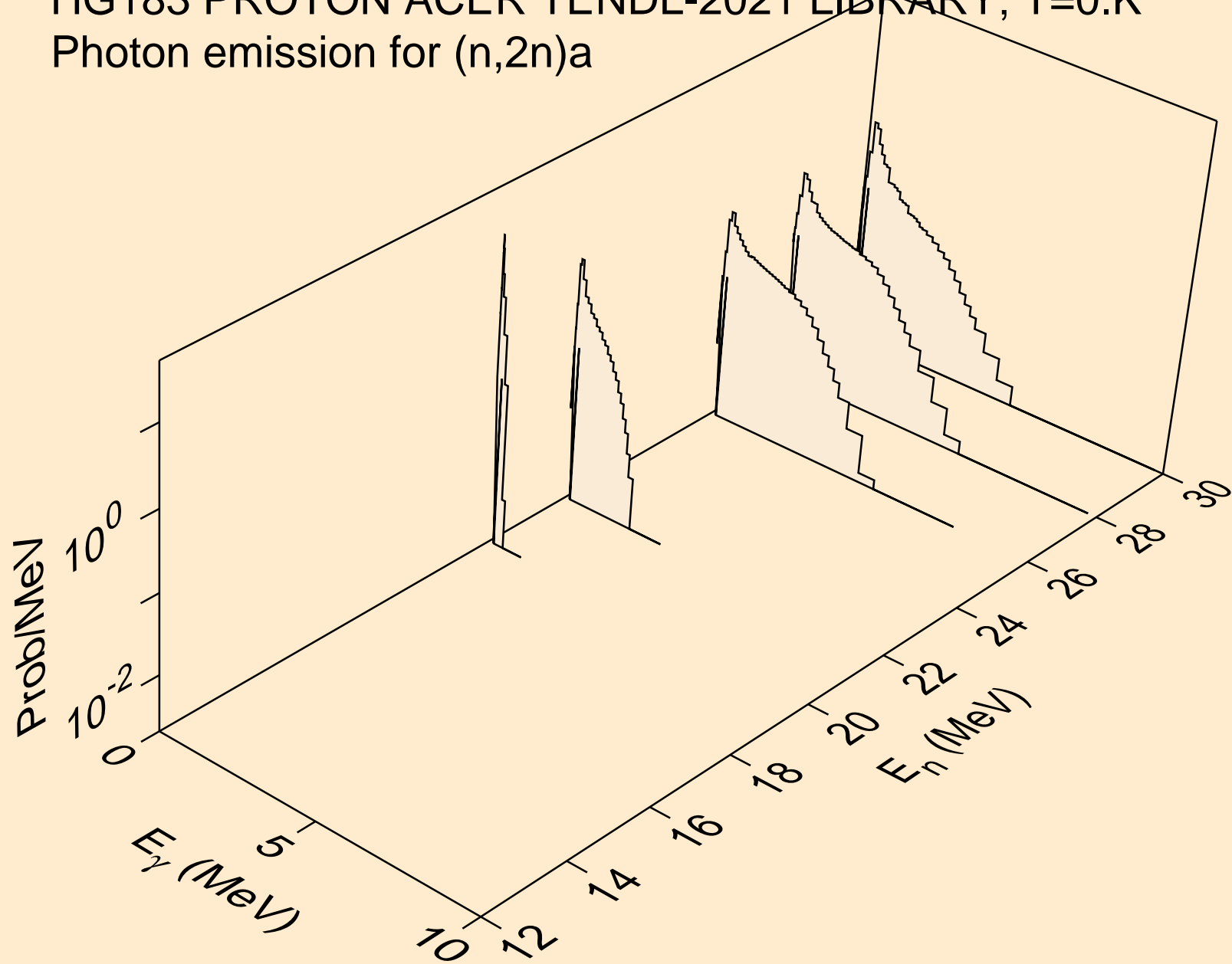


HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

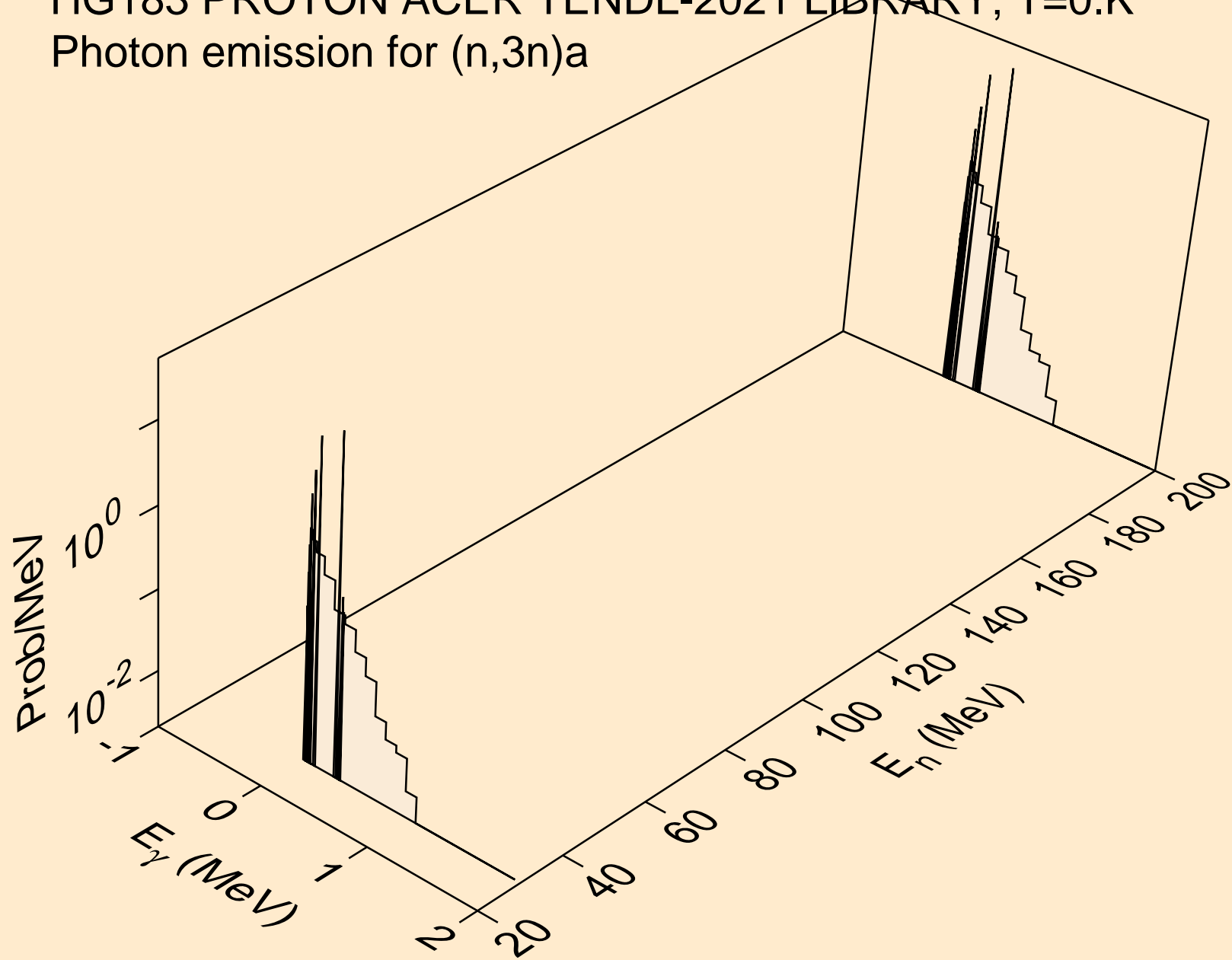




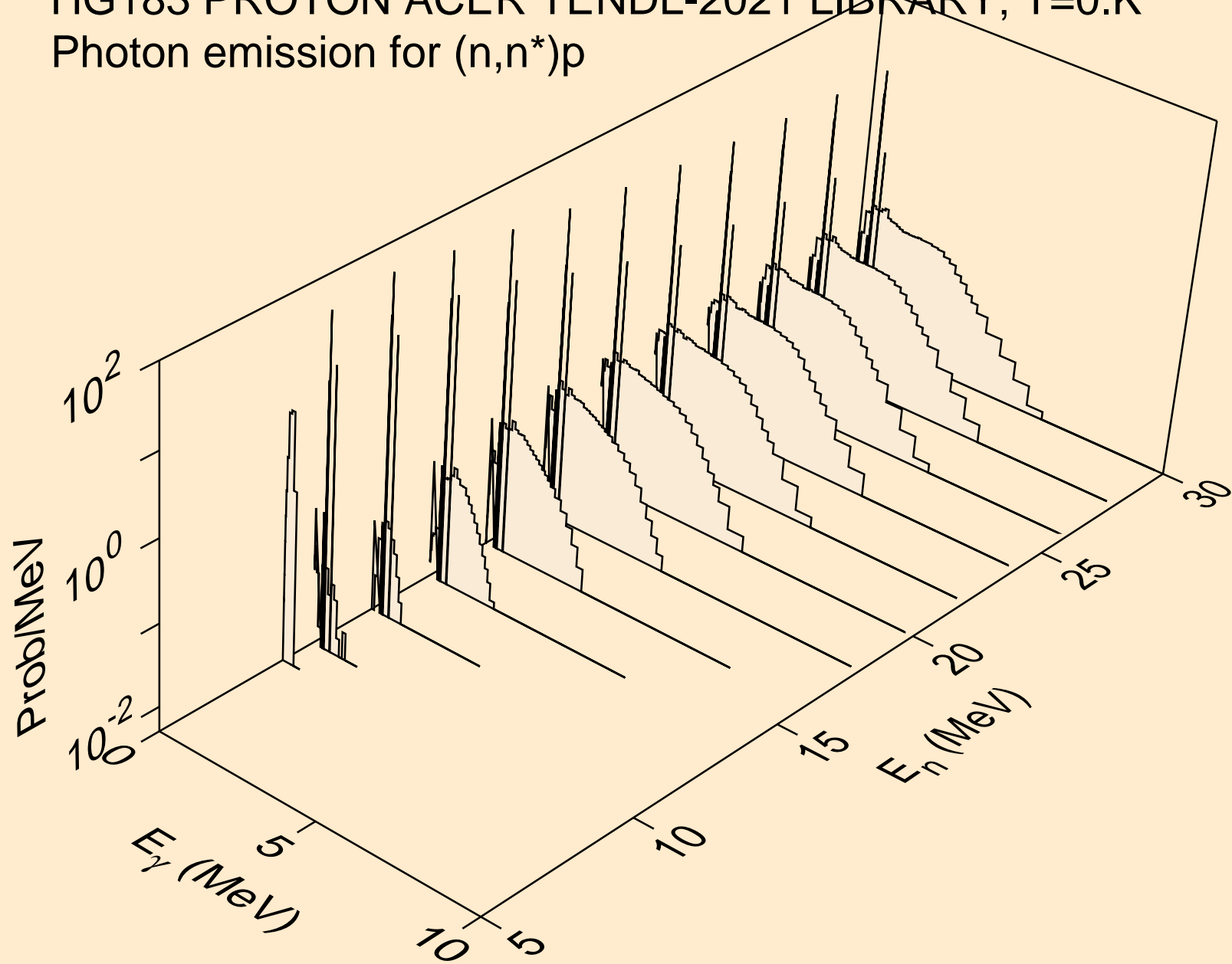
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Photon emission for (n,2n)a



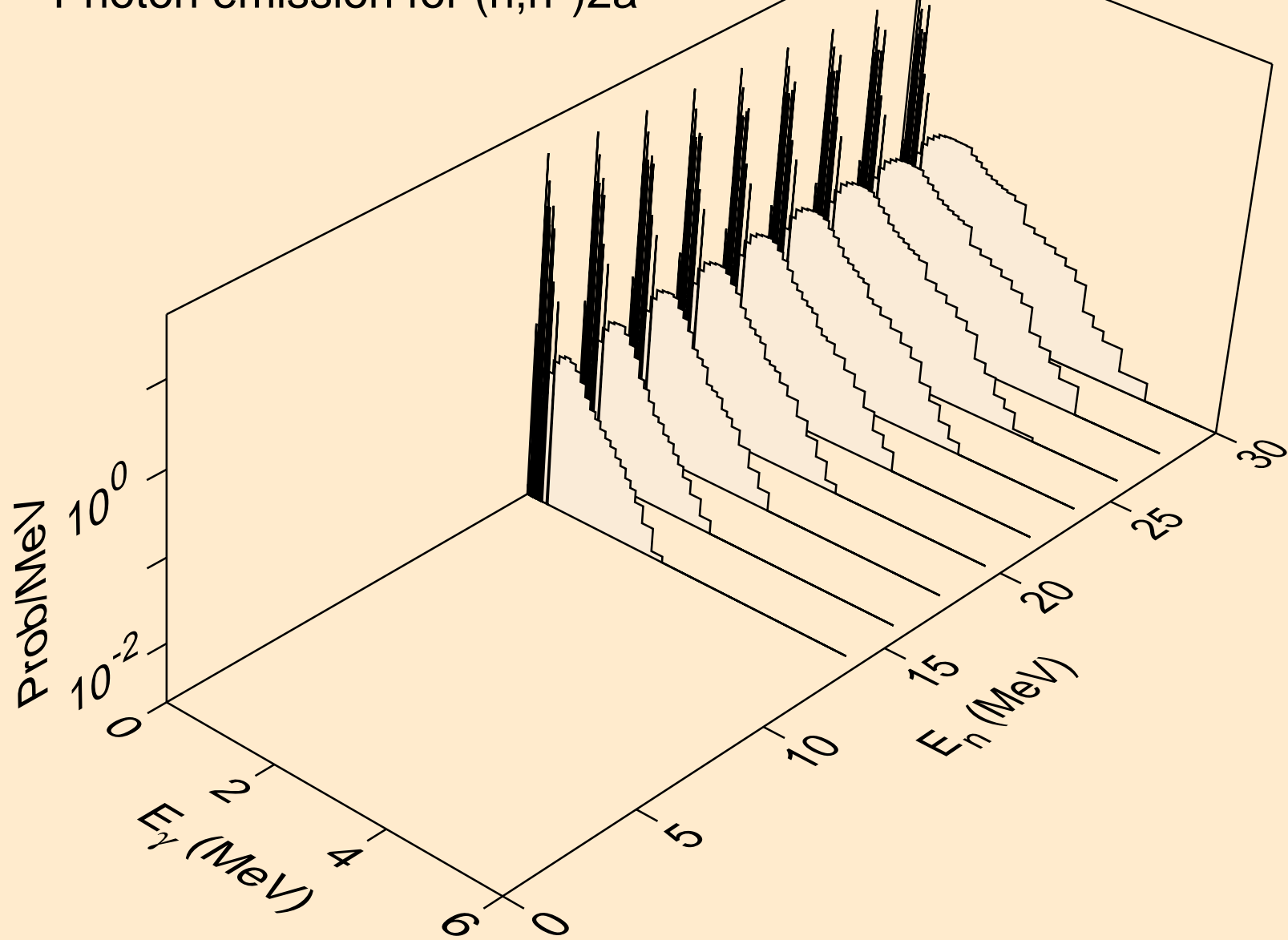
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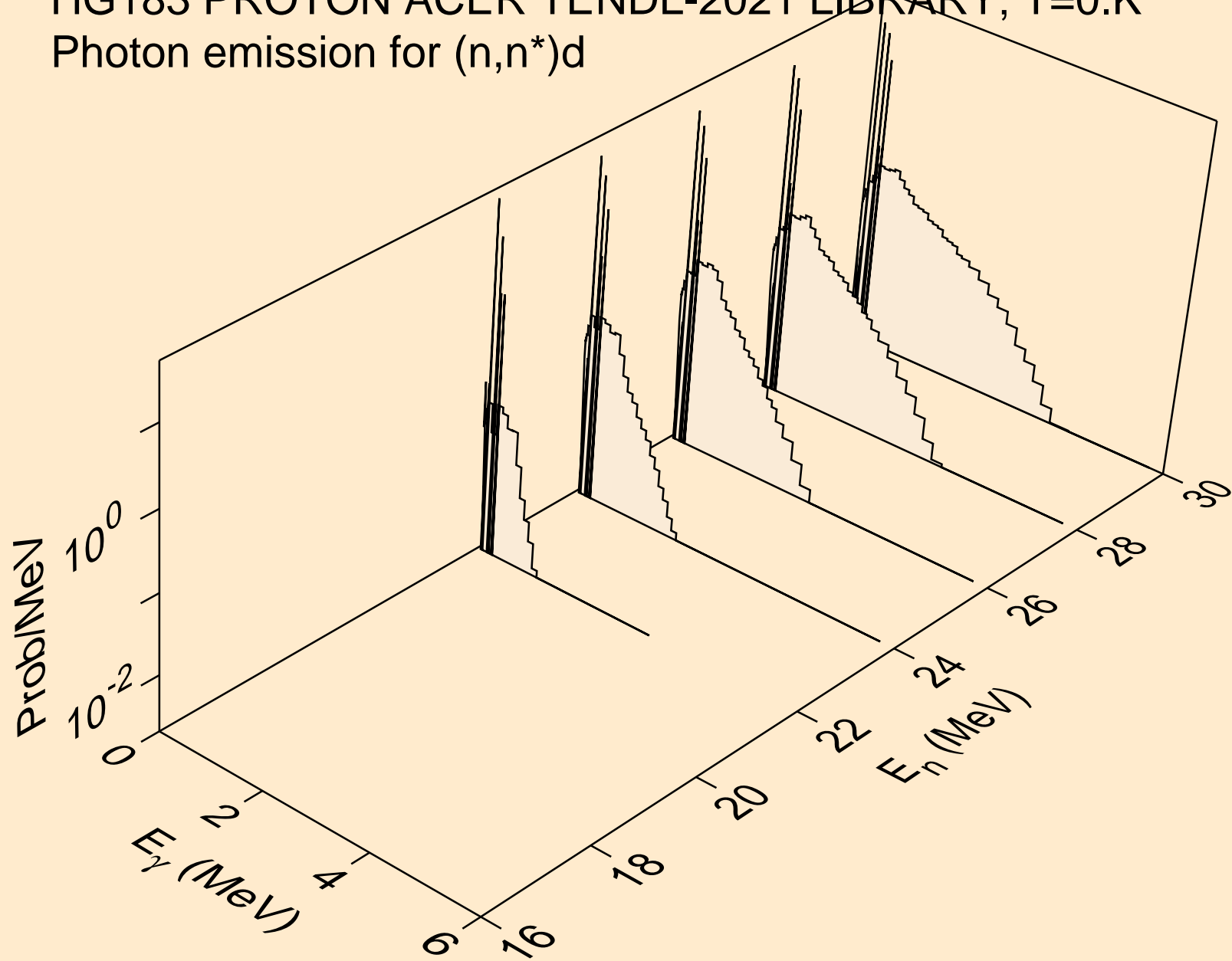
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Photon emission for (n,n\*)p



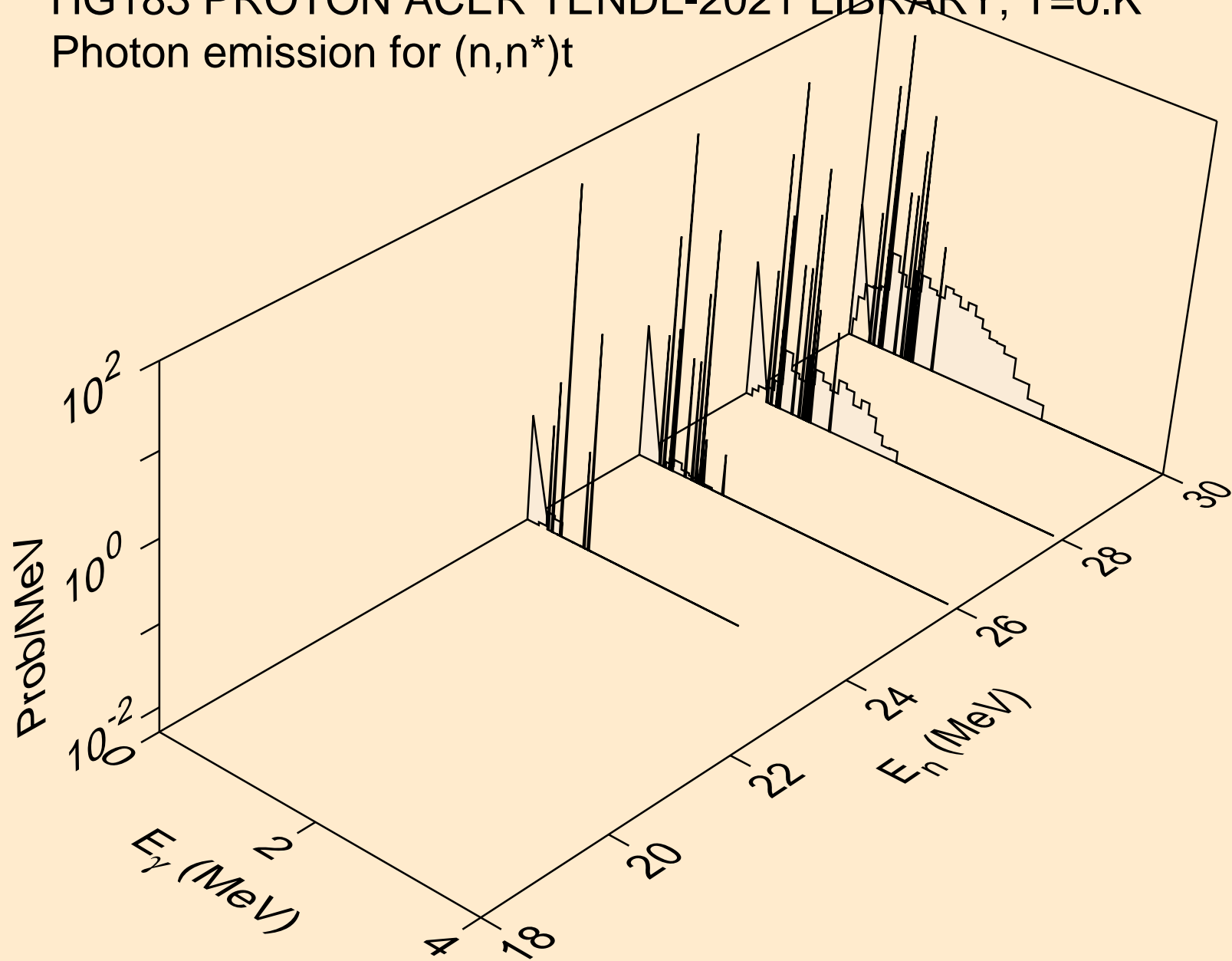
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Photon emission for (n,n\*)2a



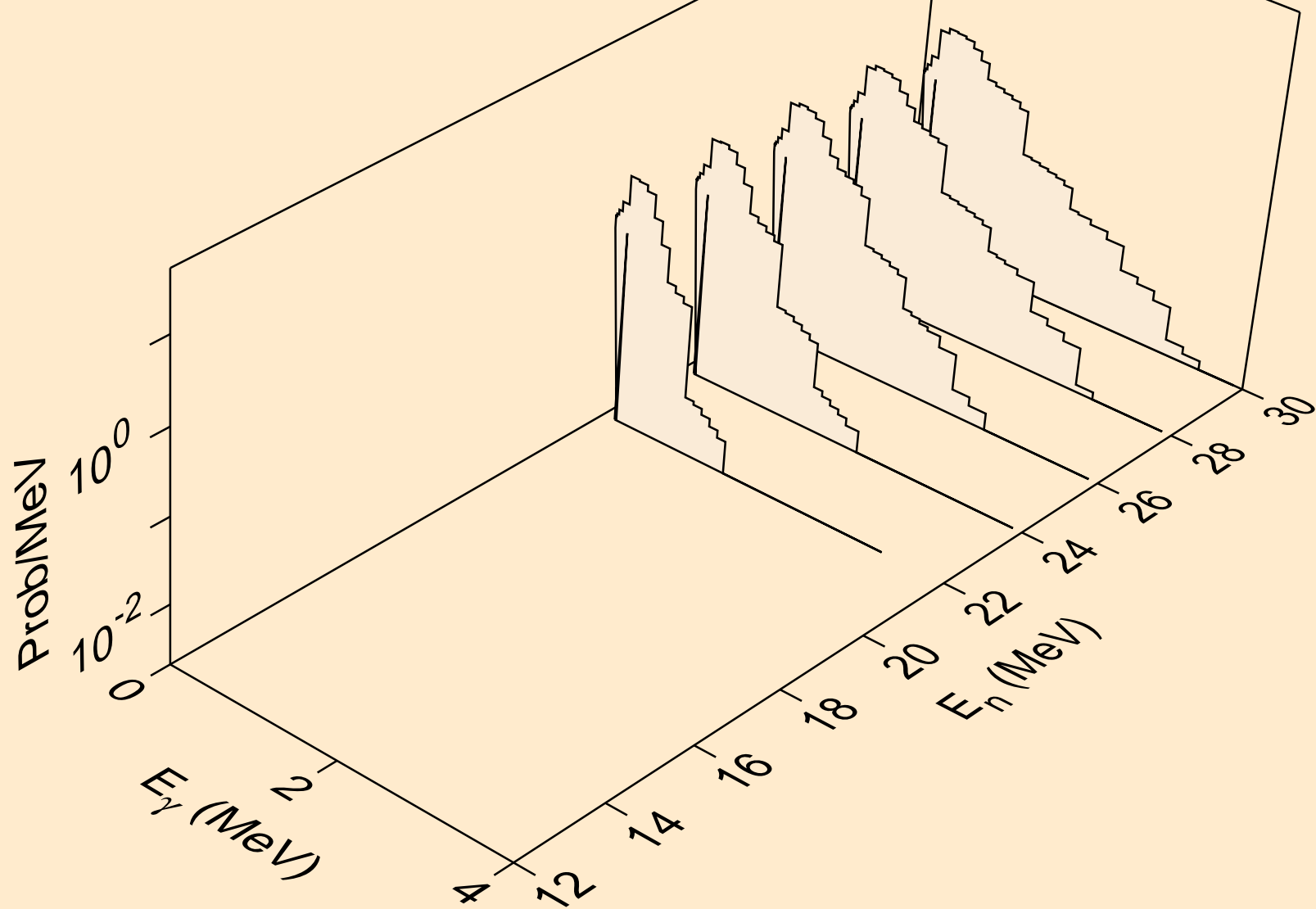
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Photon emission for (n,n\*)d



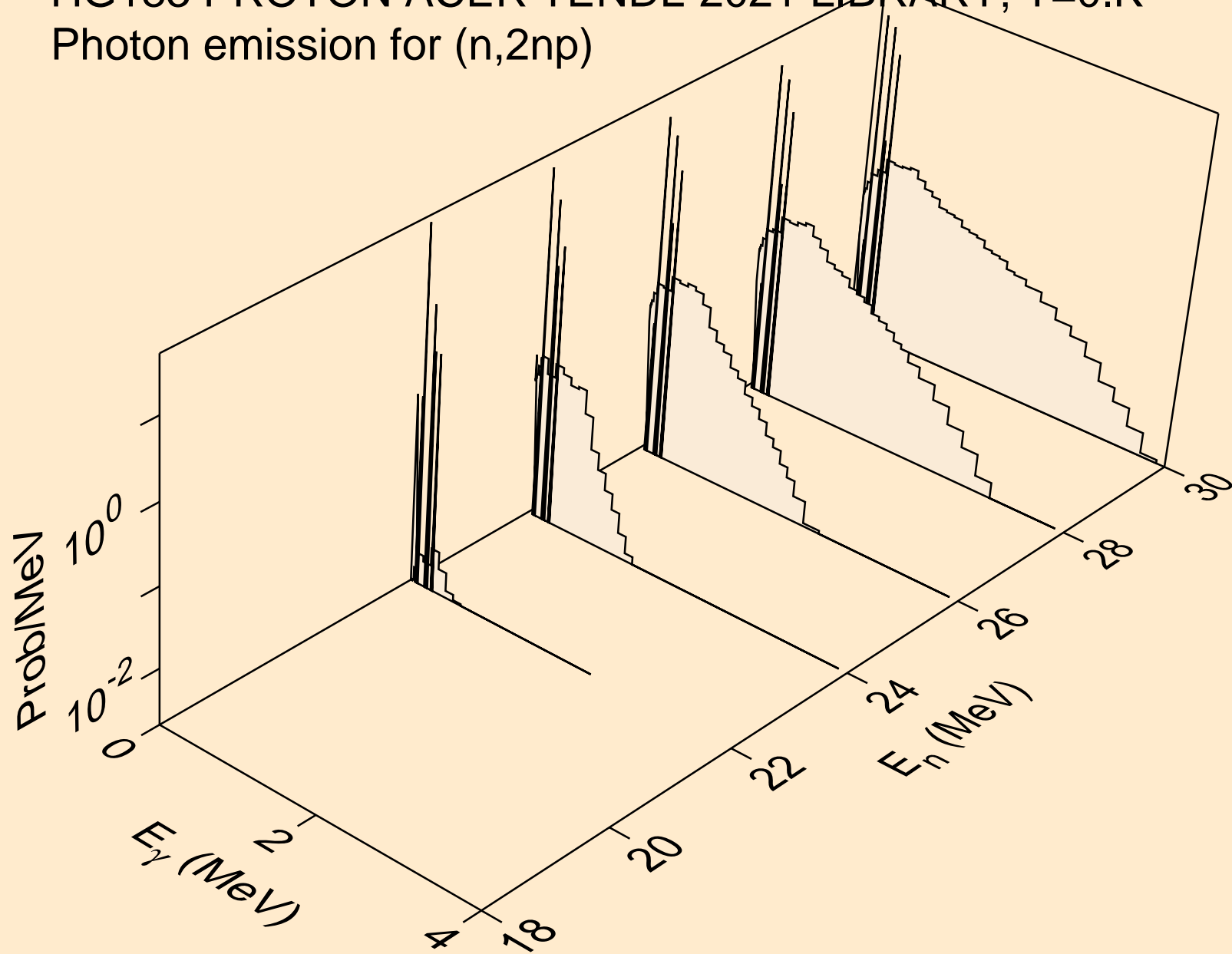
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

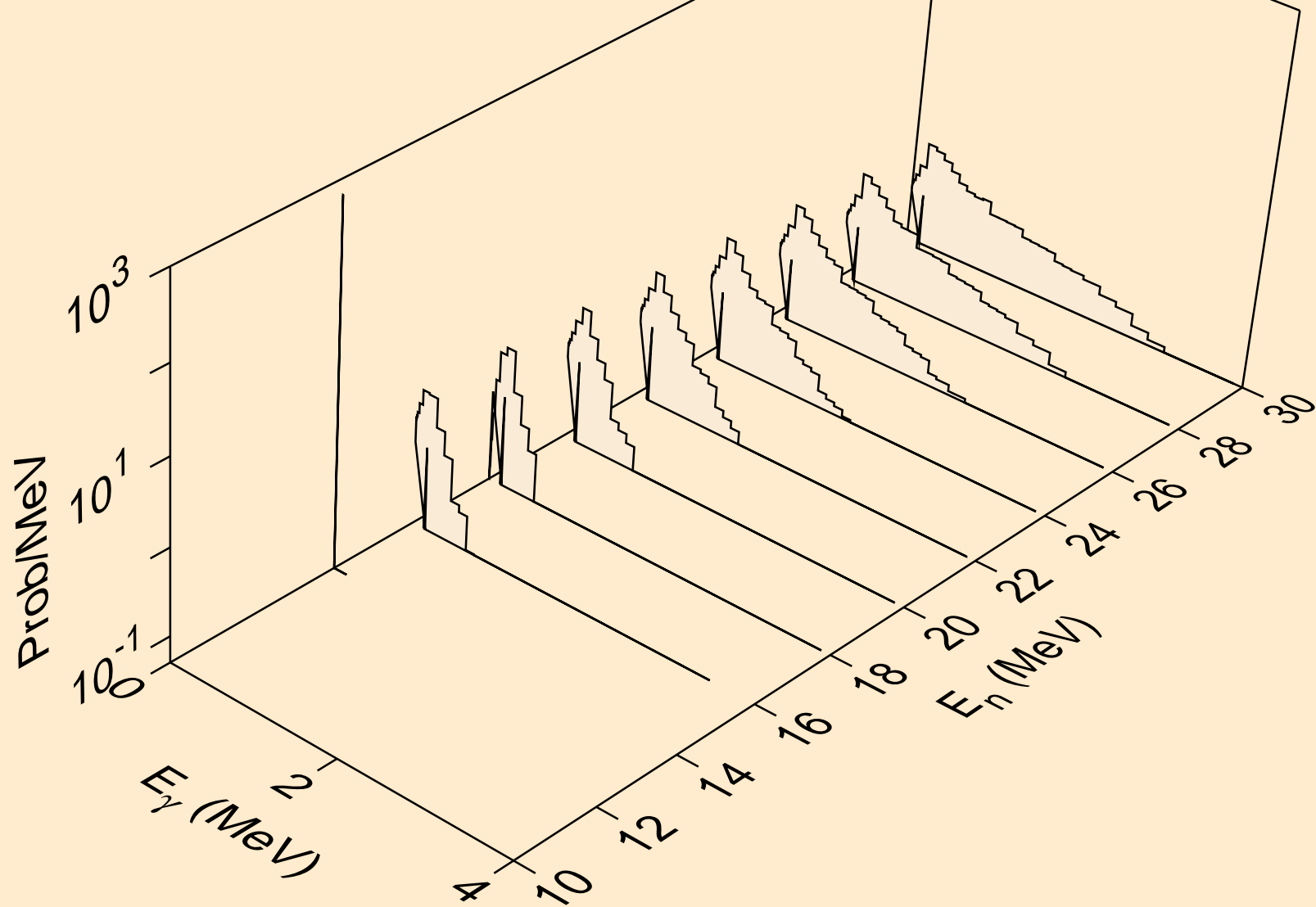


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Photon emission for (n,2np)

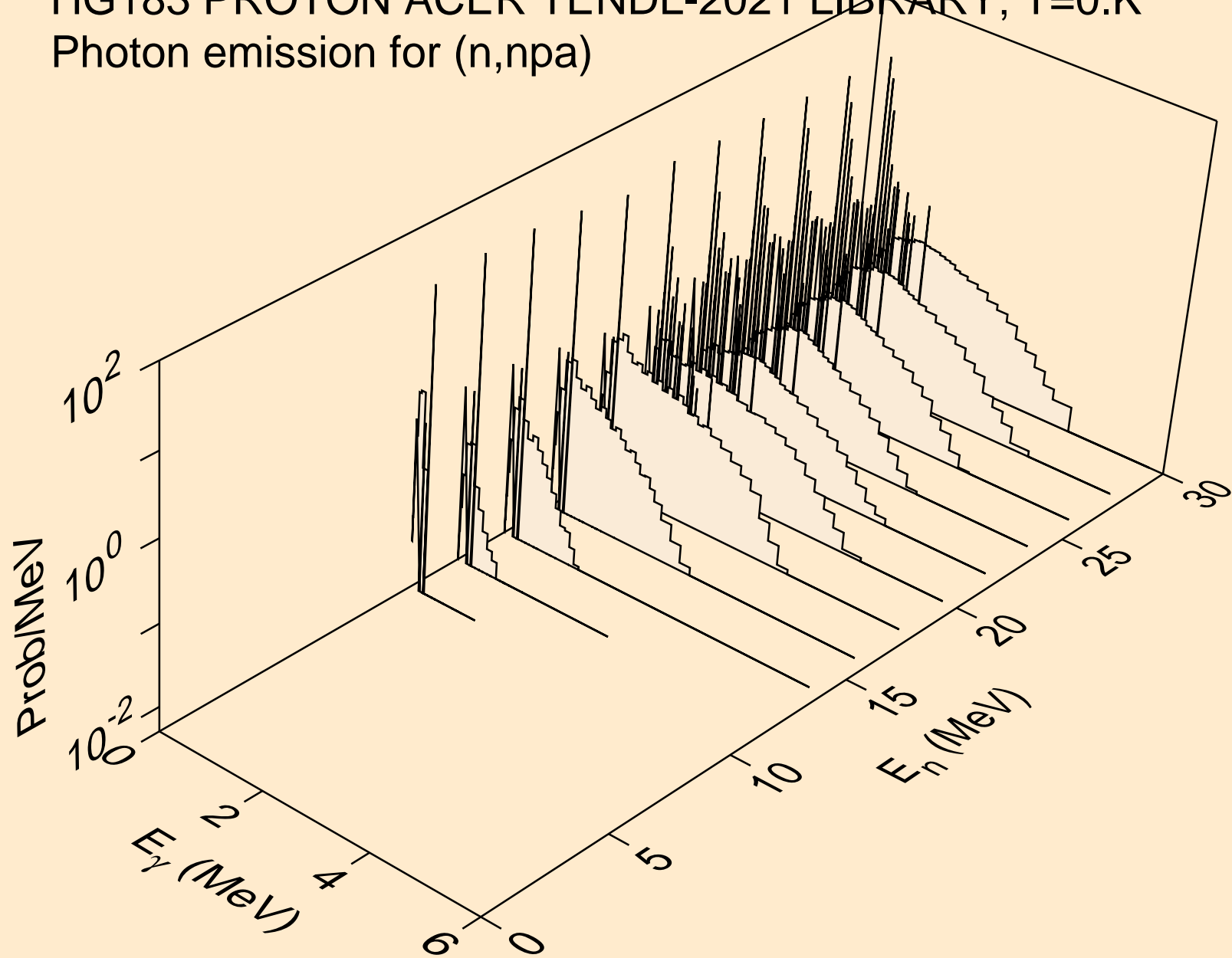




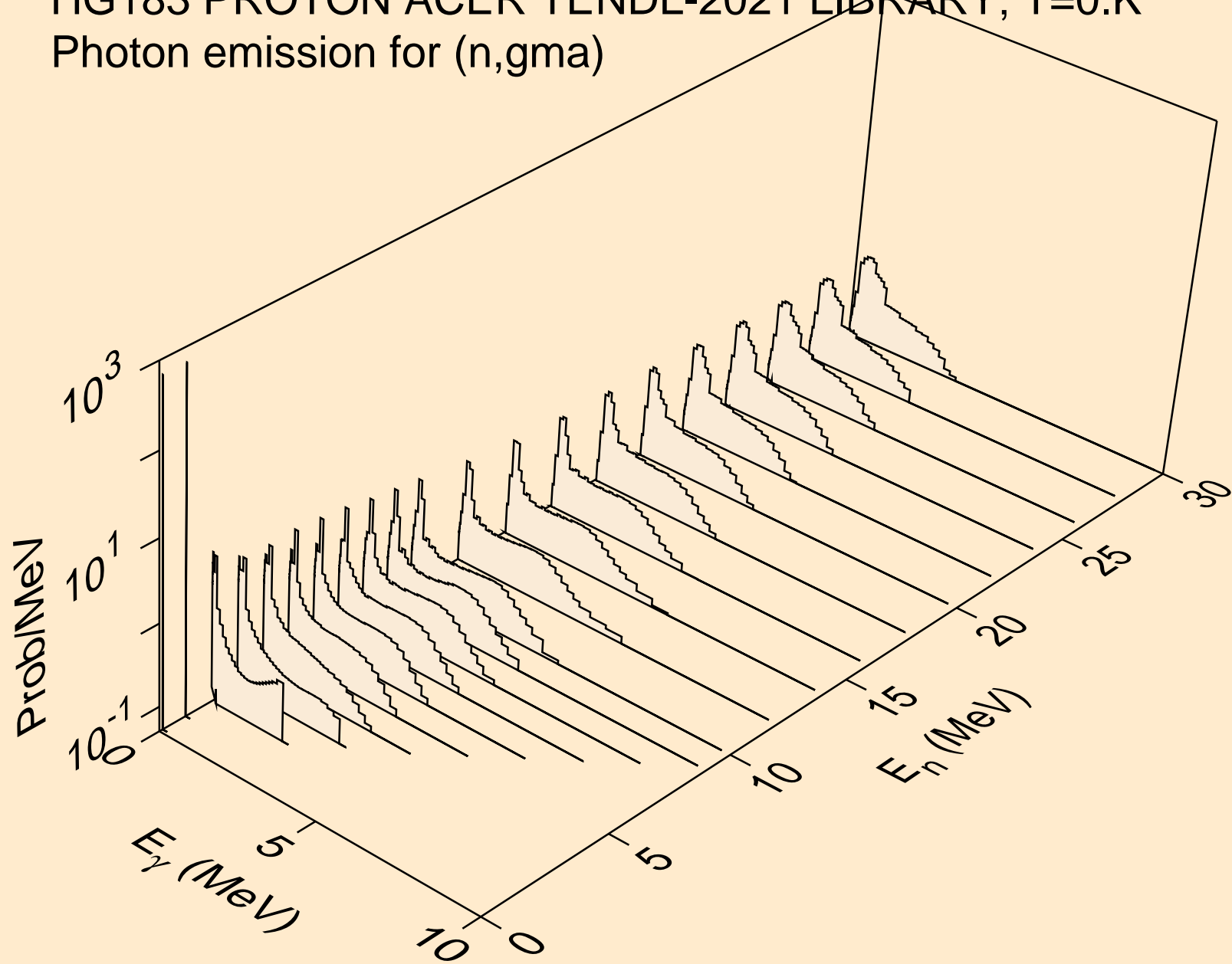
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Photon emission for (n,2np)



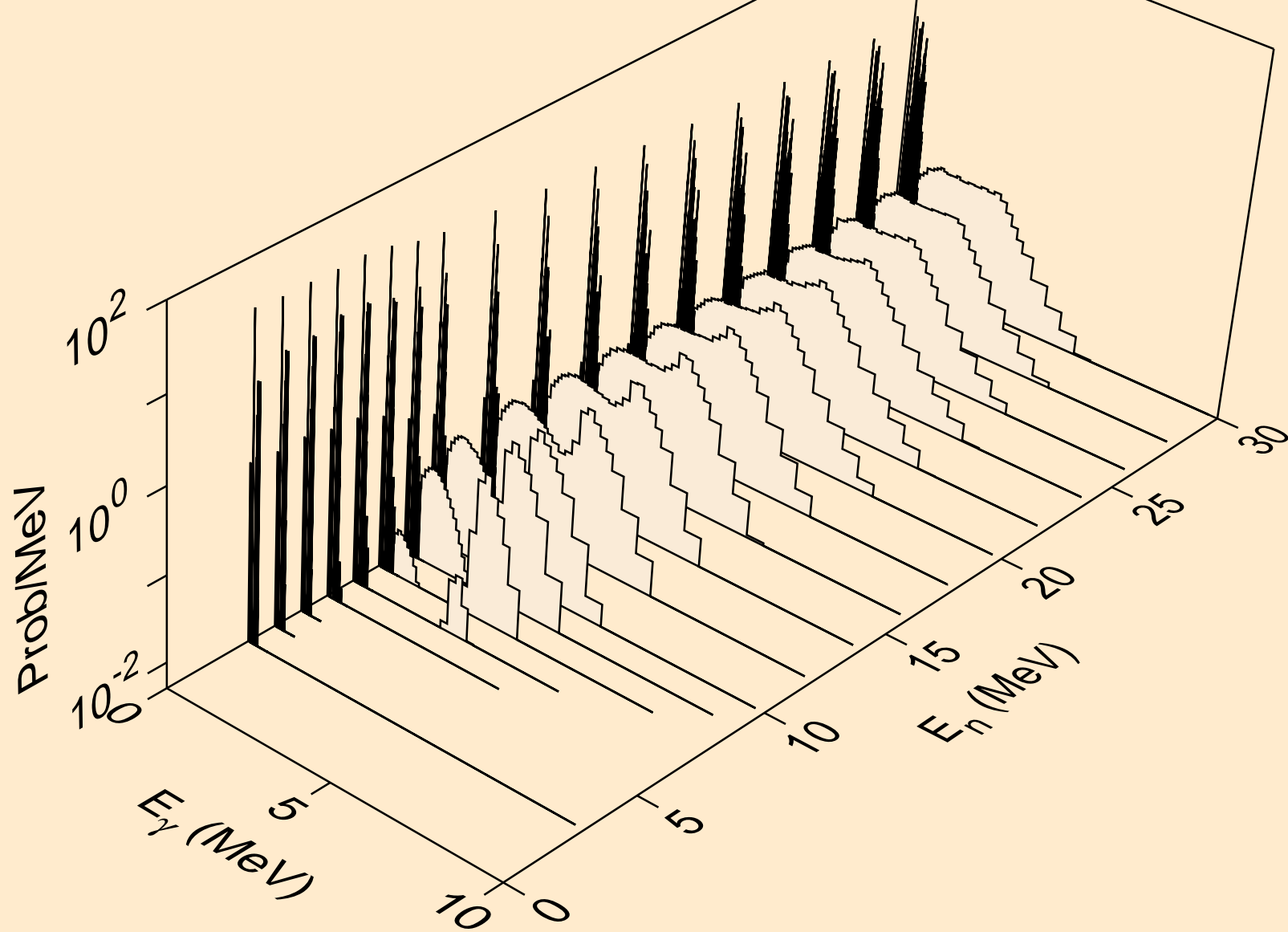
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Photon emission for (n,npa)



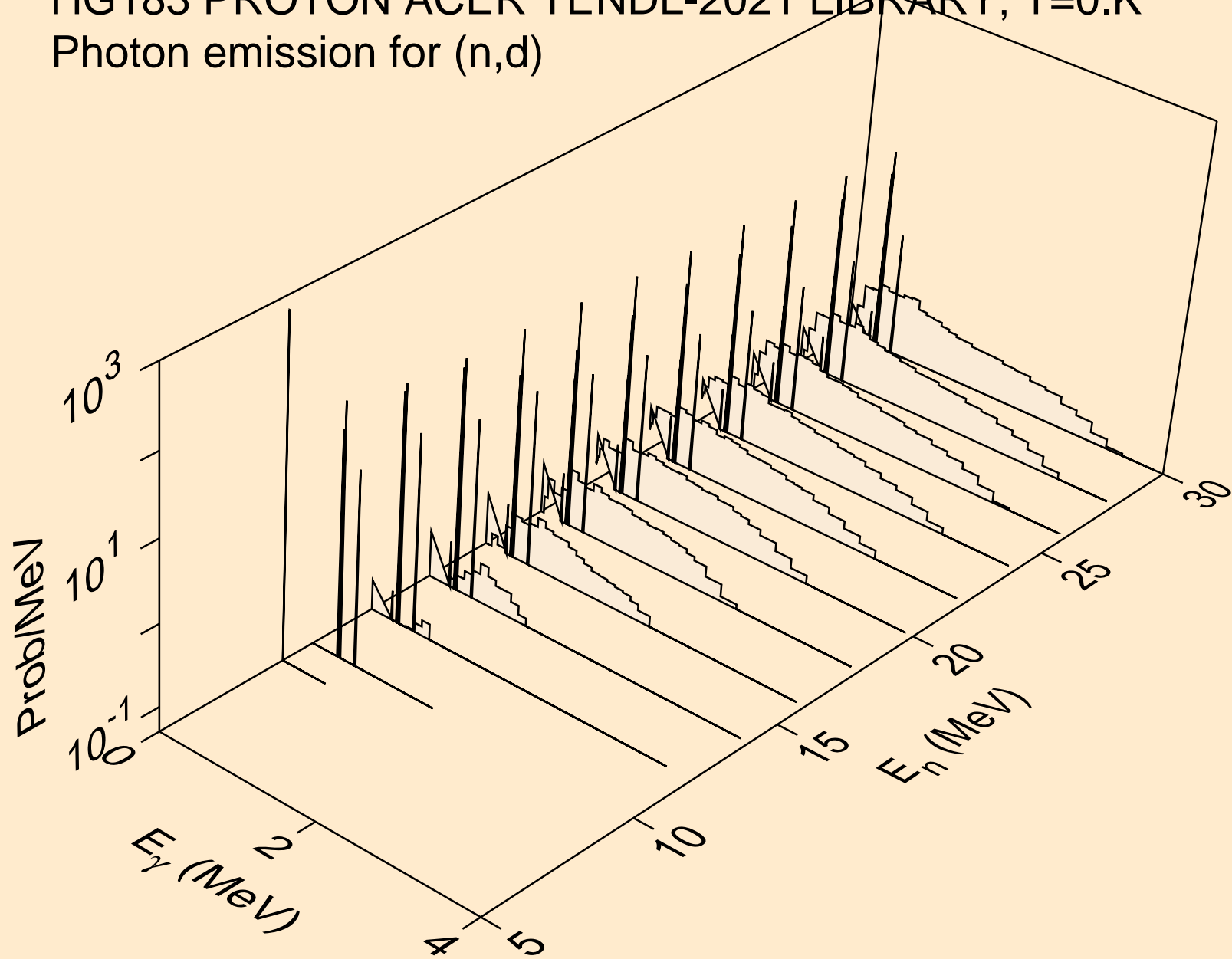
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Photon emission for (n,gma)



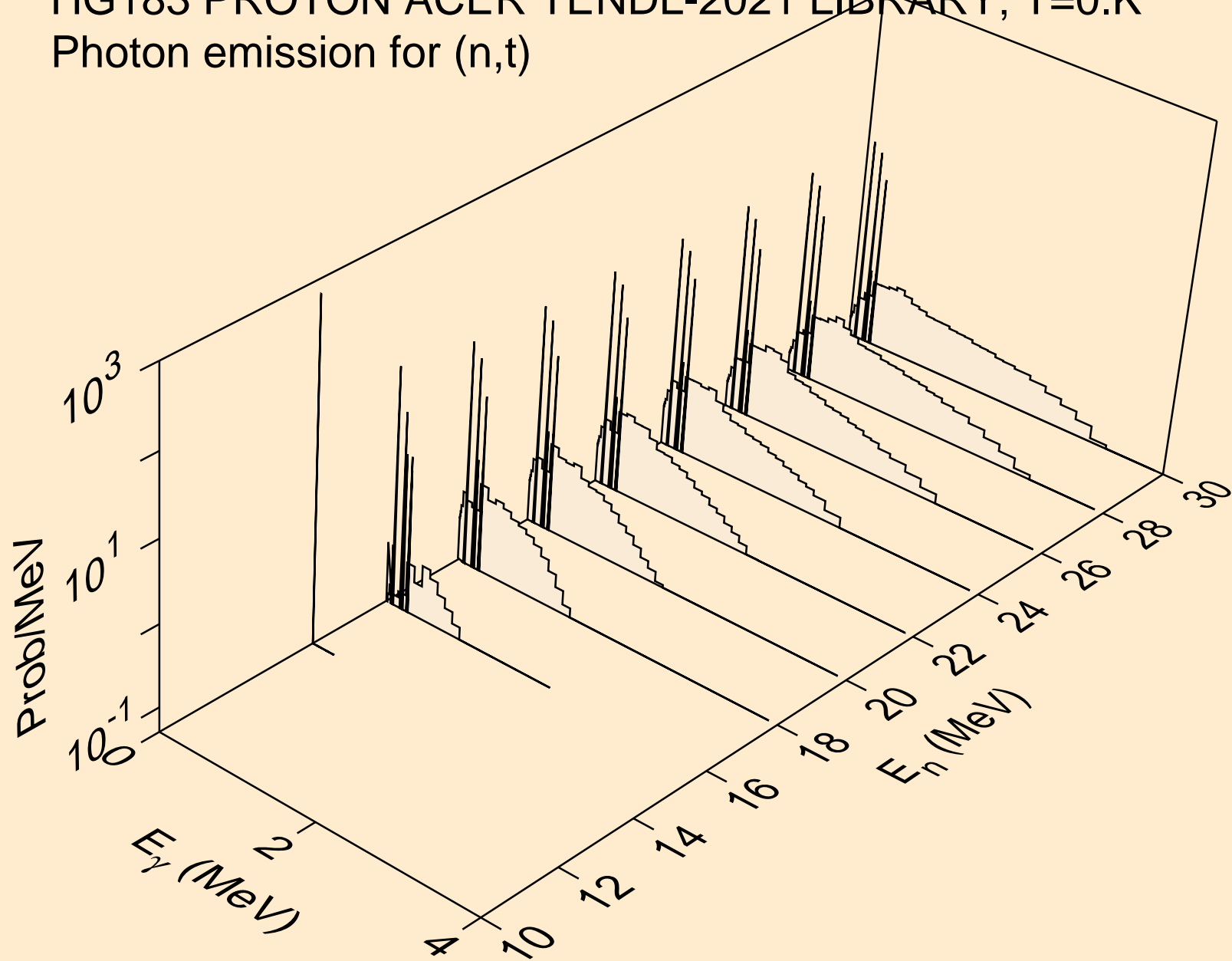
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Photon emission for inelastic



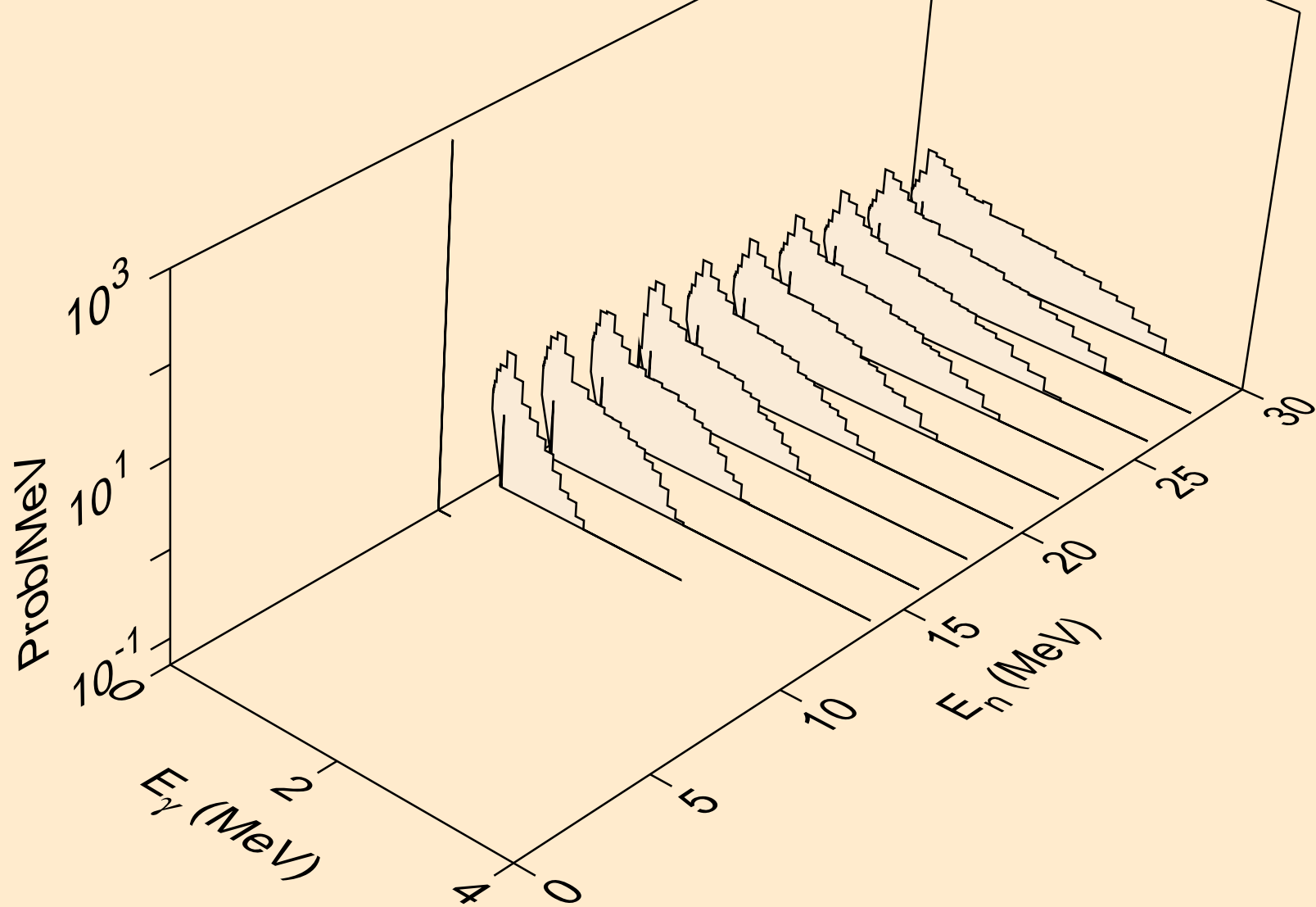
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Photon emission for (n,d)



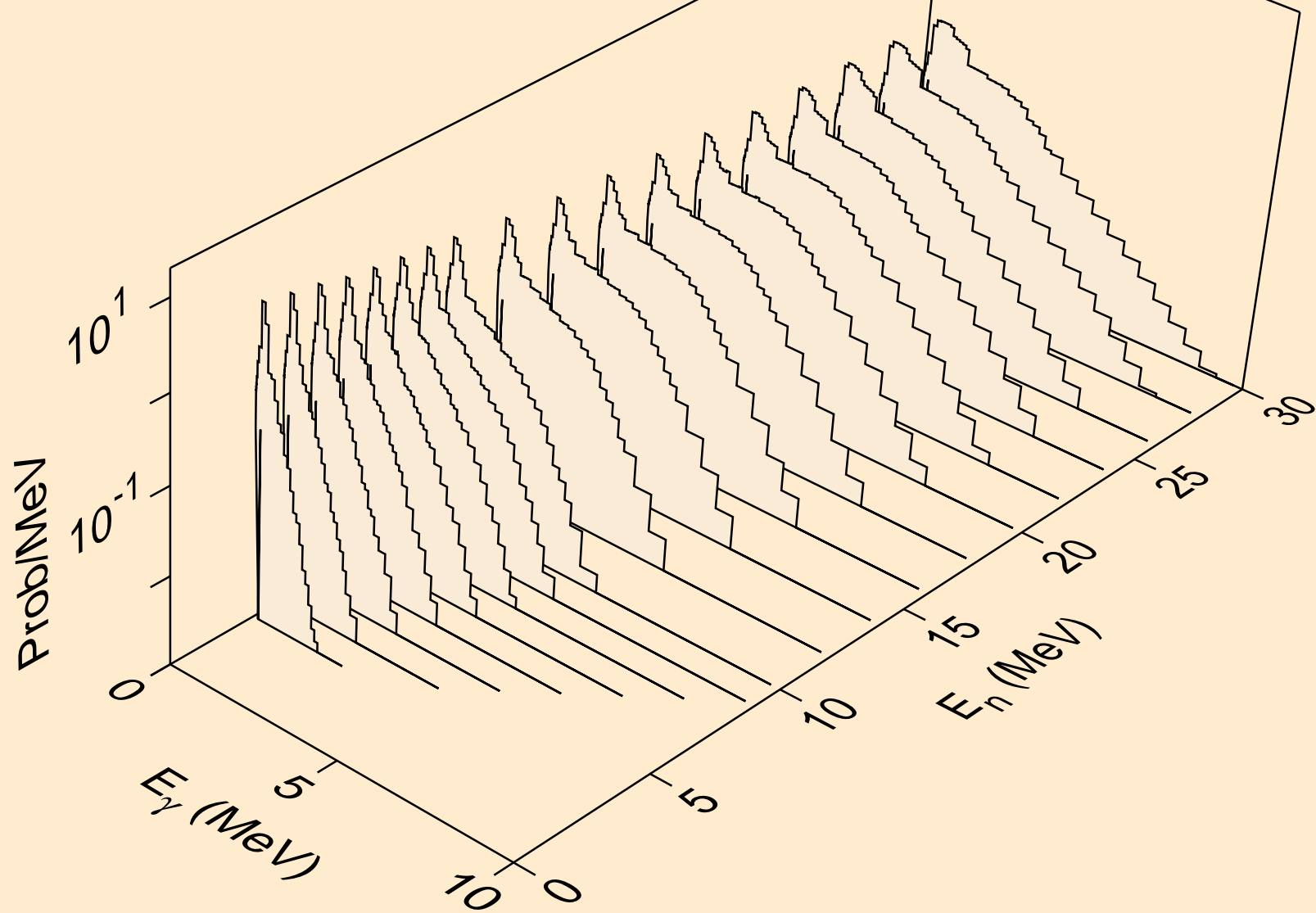
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

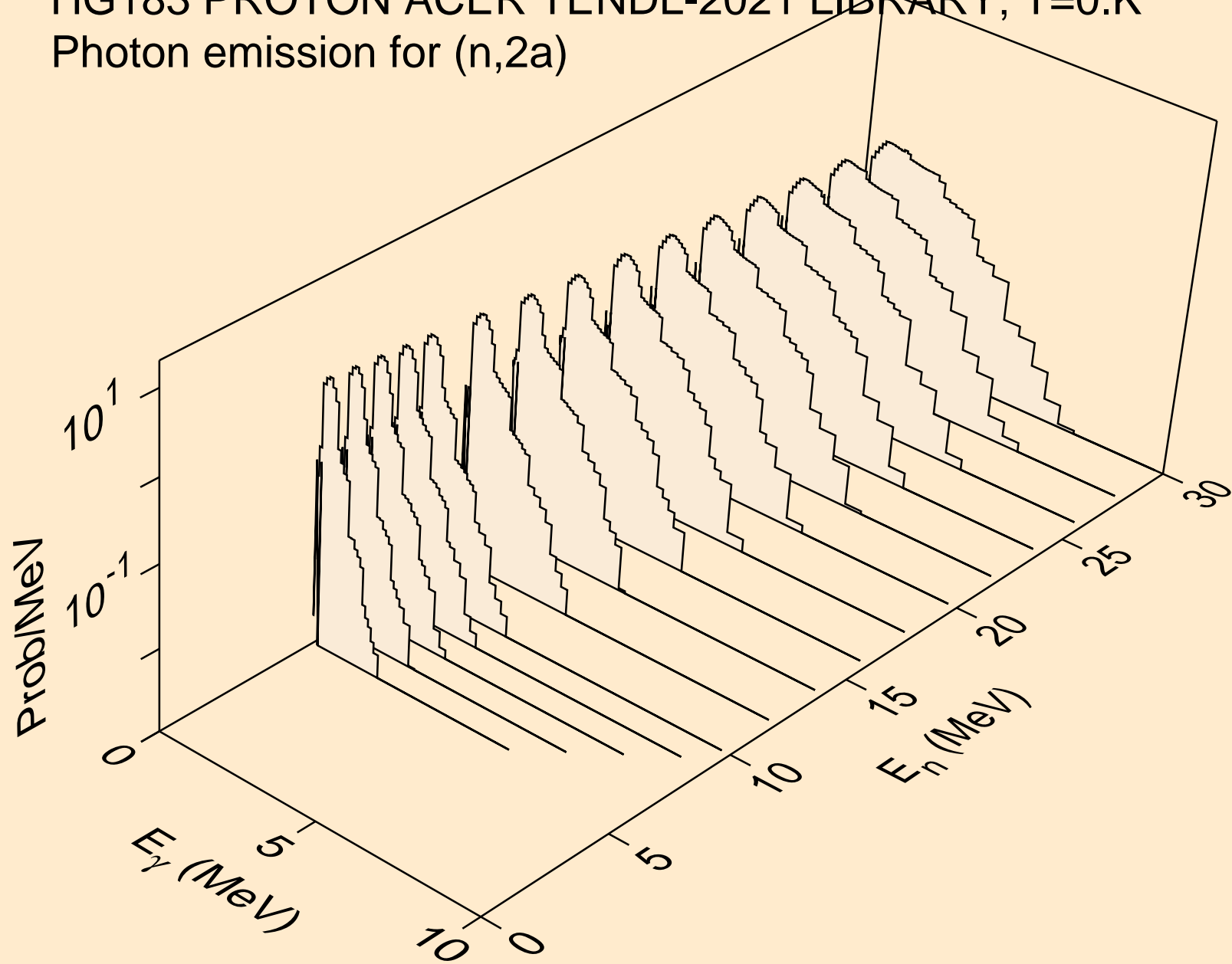


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Photon emission for (n,a)

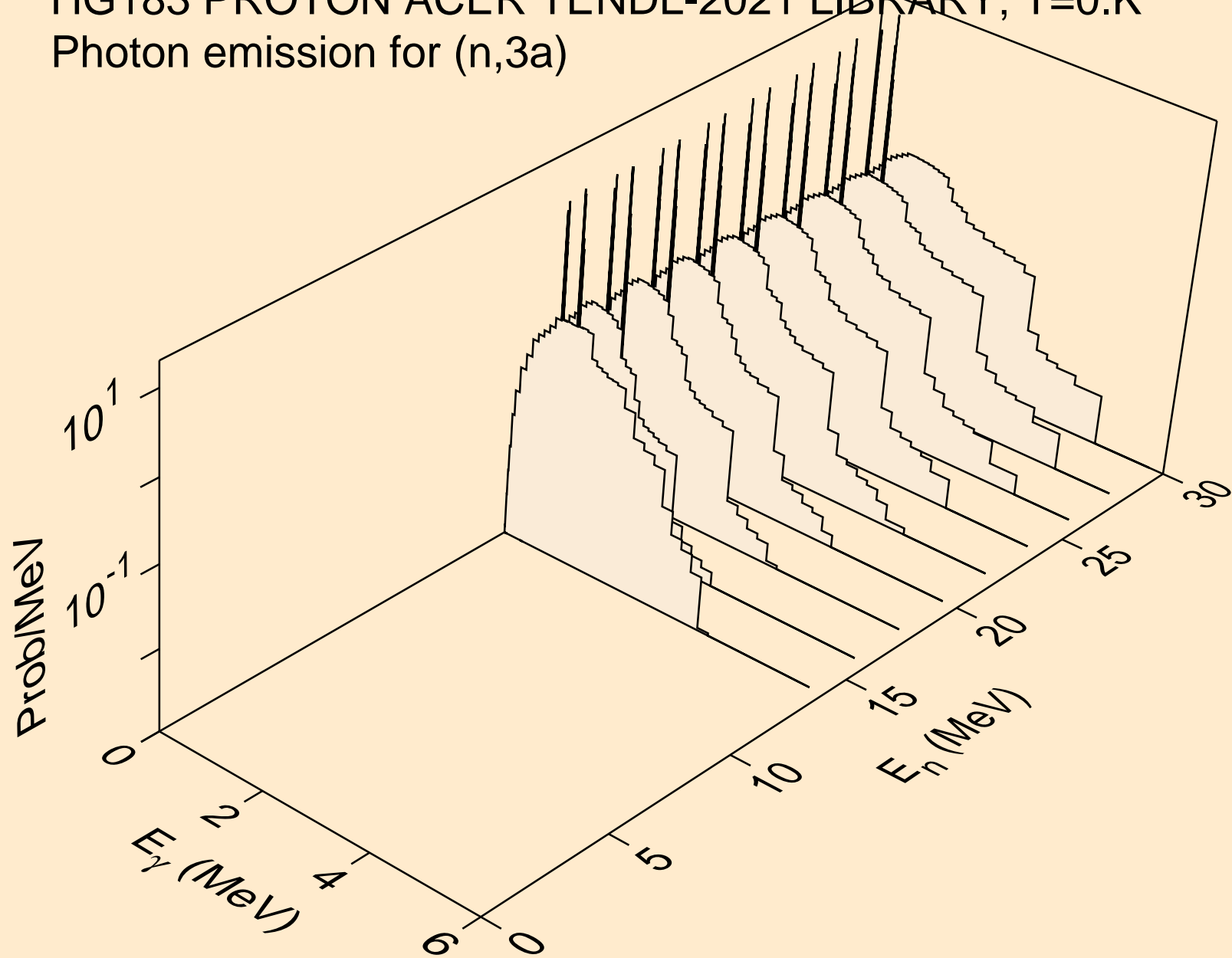




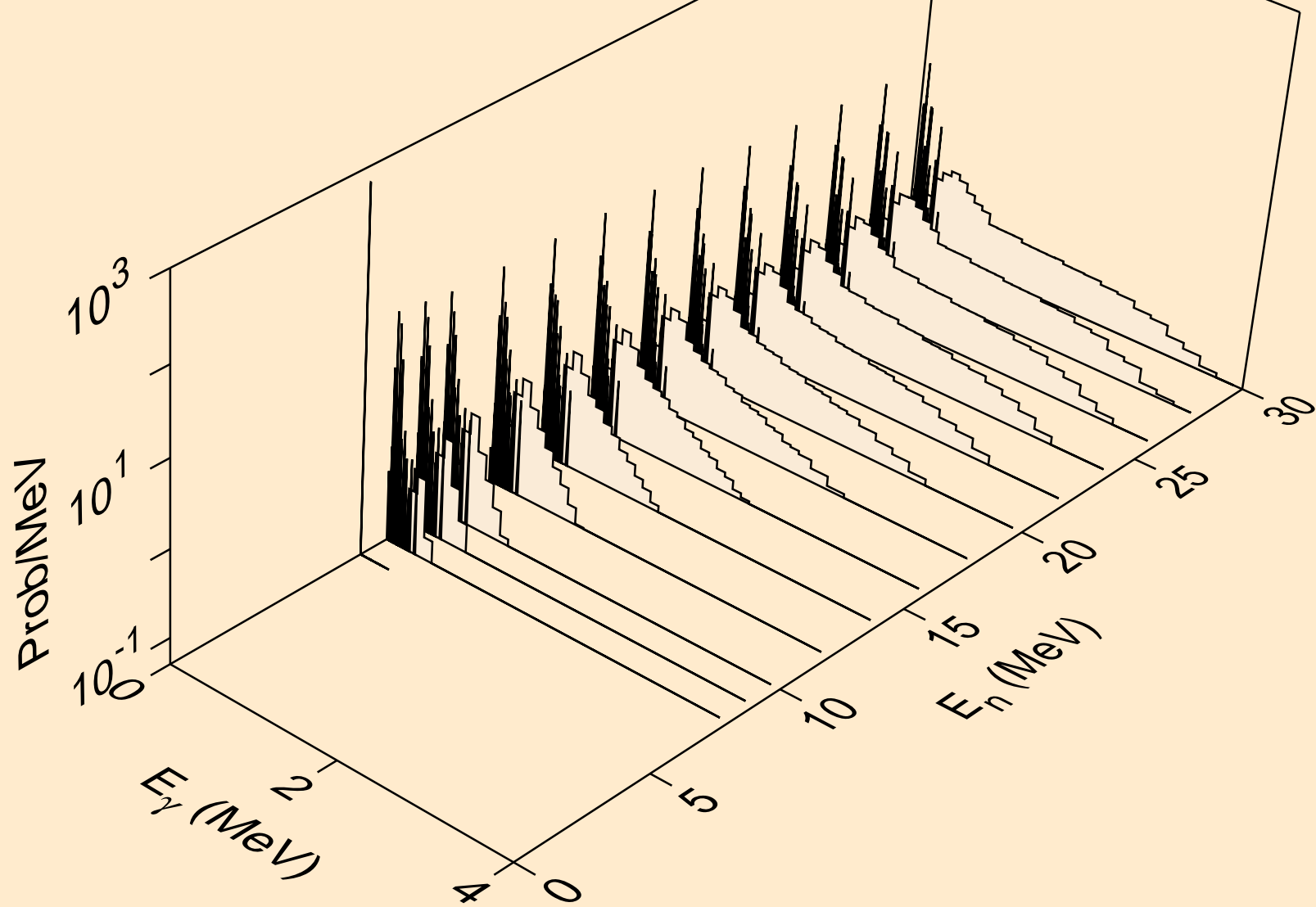
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Photon emission for (n,2a)



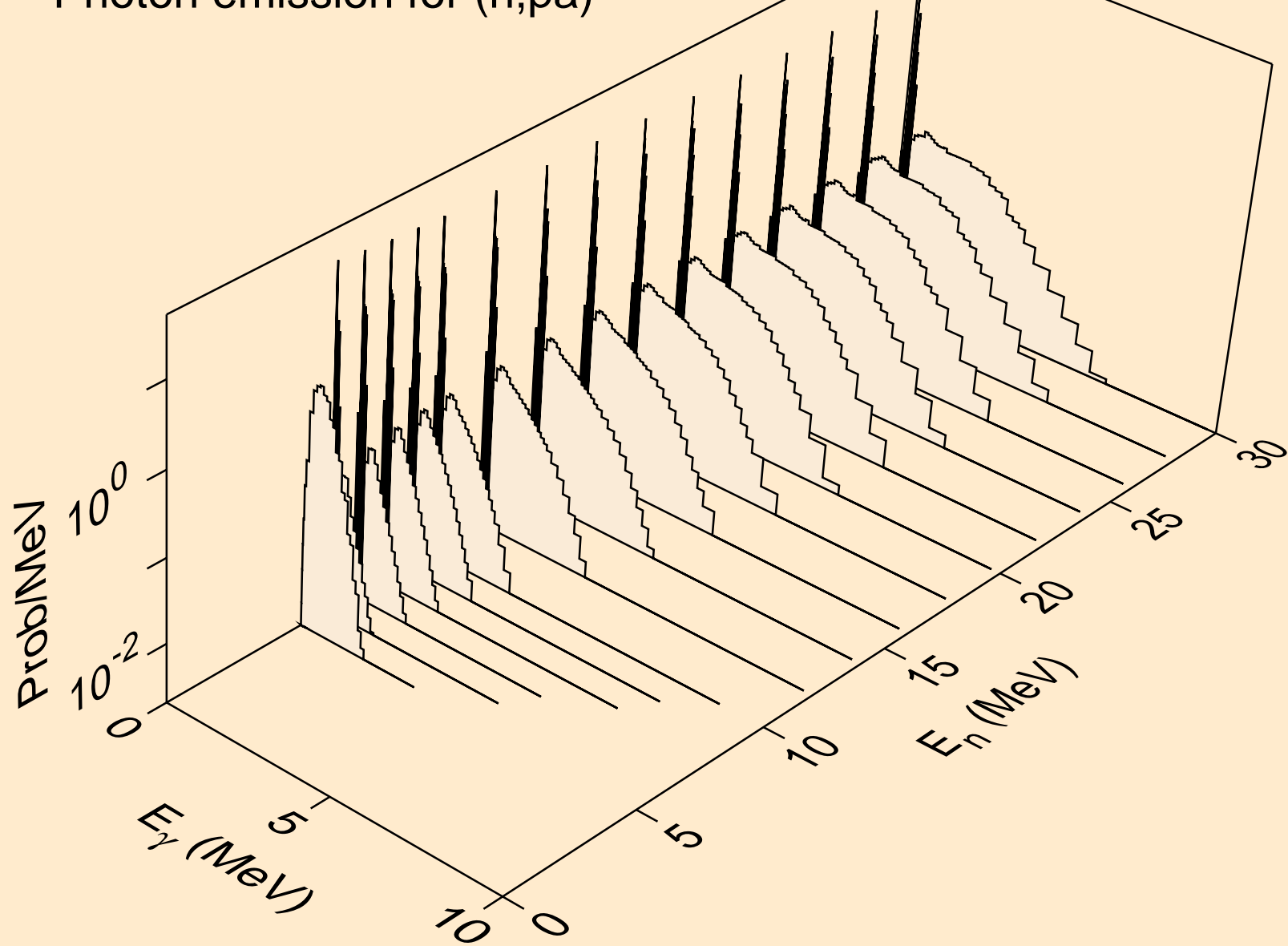
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Photon emission for (n,3a)



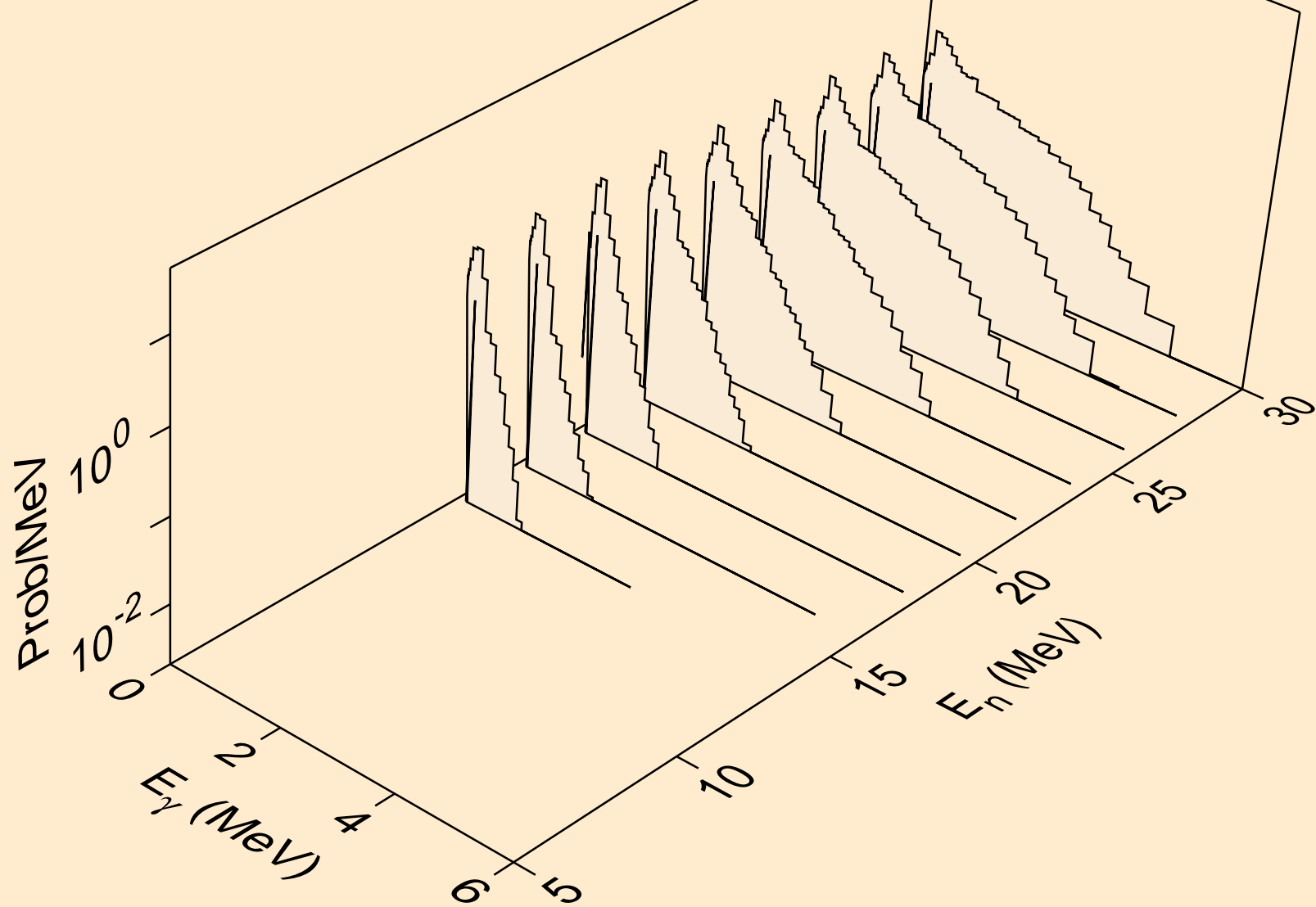
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Photon emission for (n,2p)



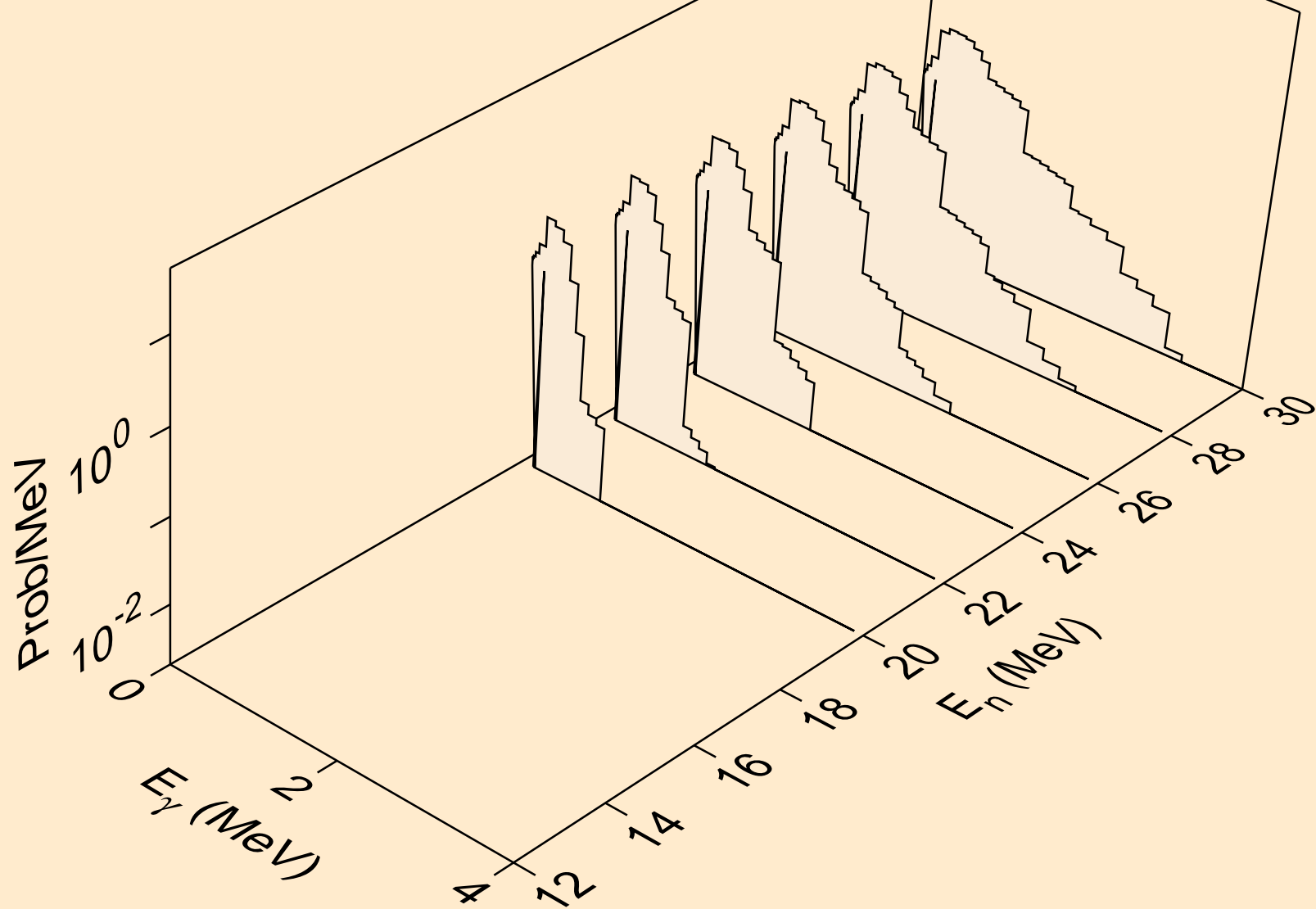
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Photon emission for (n,pa)



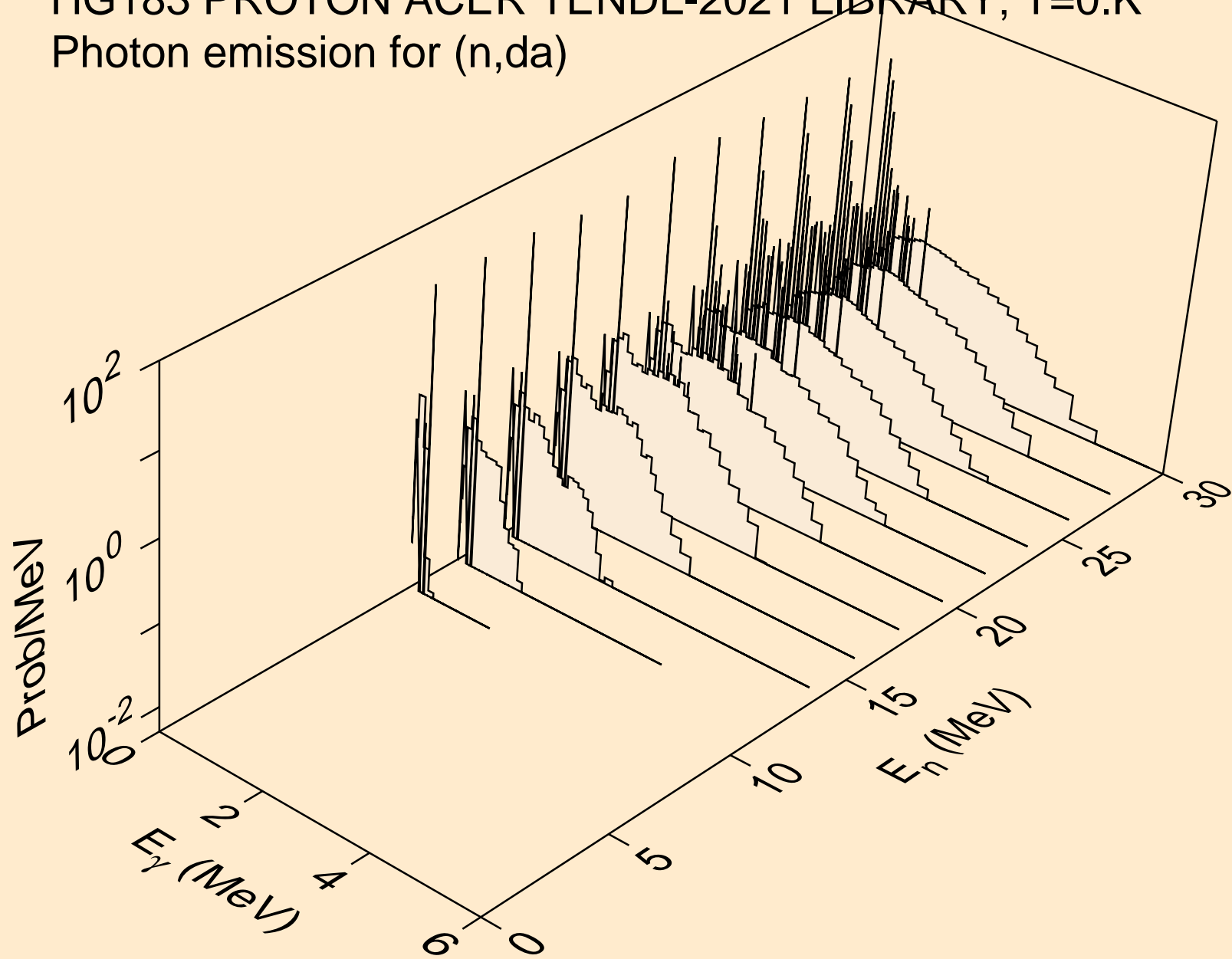
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Photon emission for (n,pd)



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Photon emission for (n,pt)

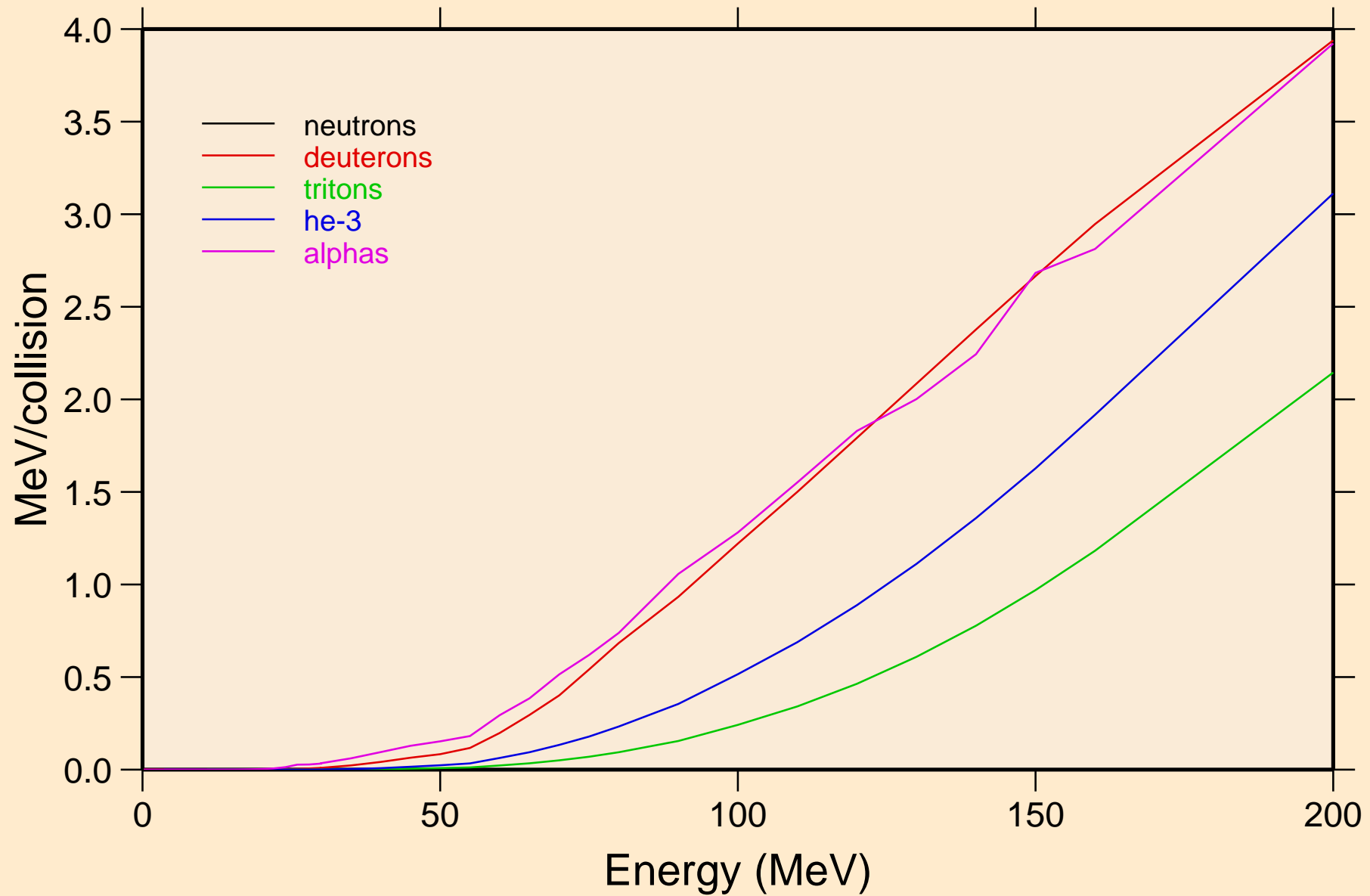


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Photon emission for (n,da)



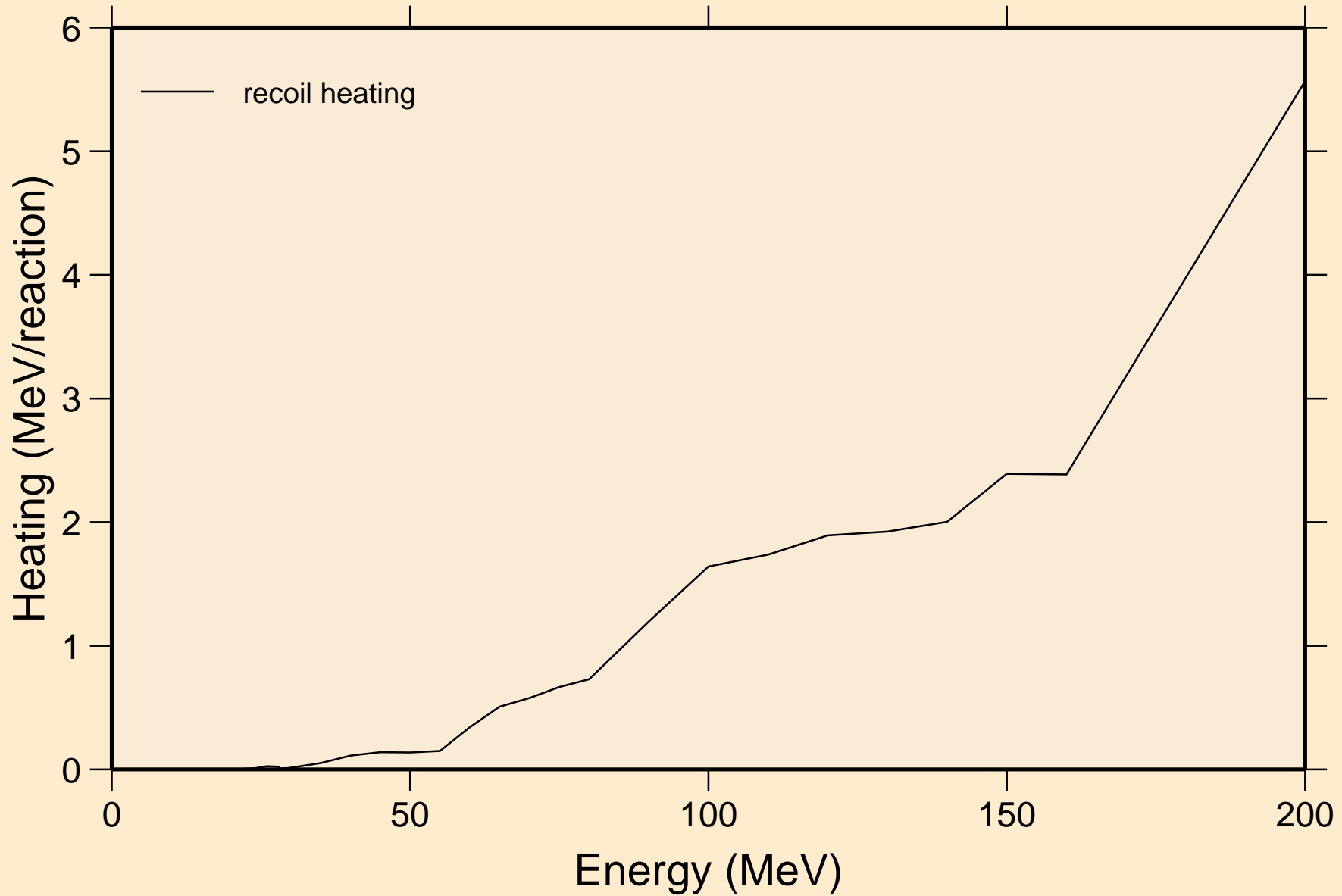
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## Particle heating contributions

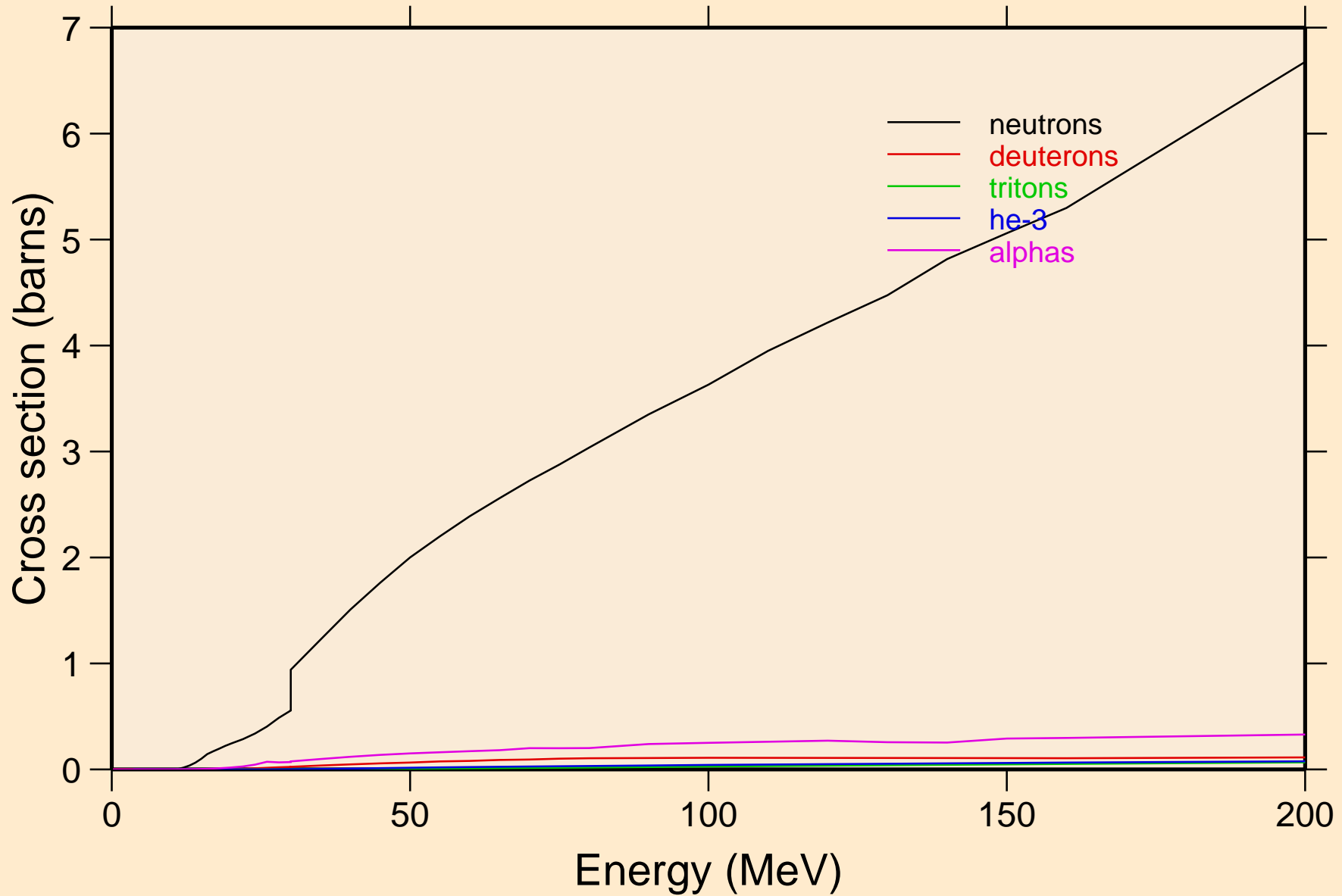




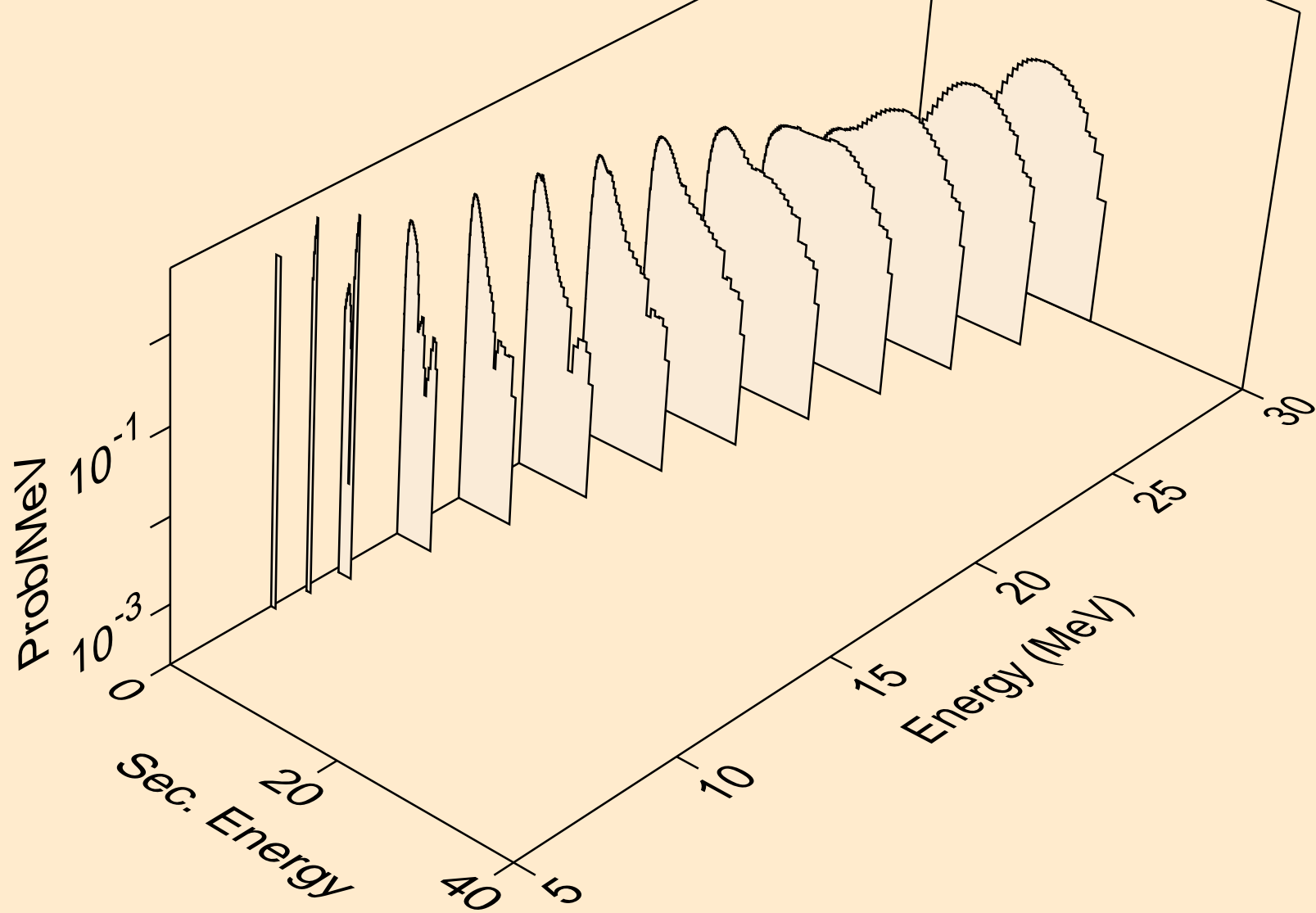
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Recoil Heating



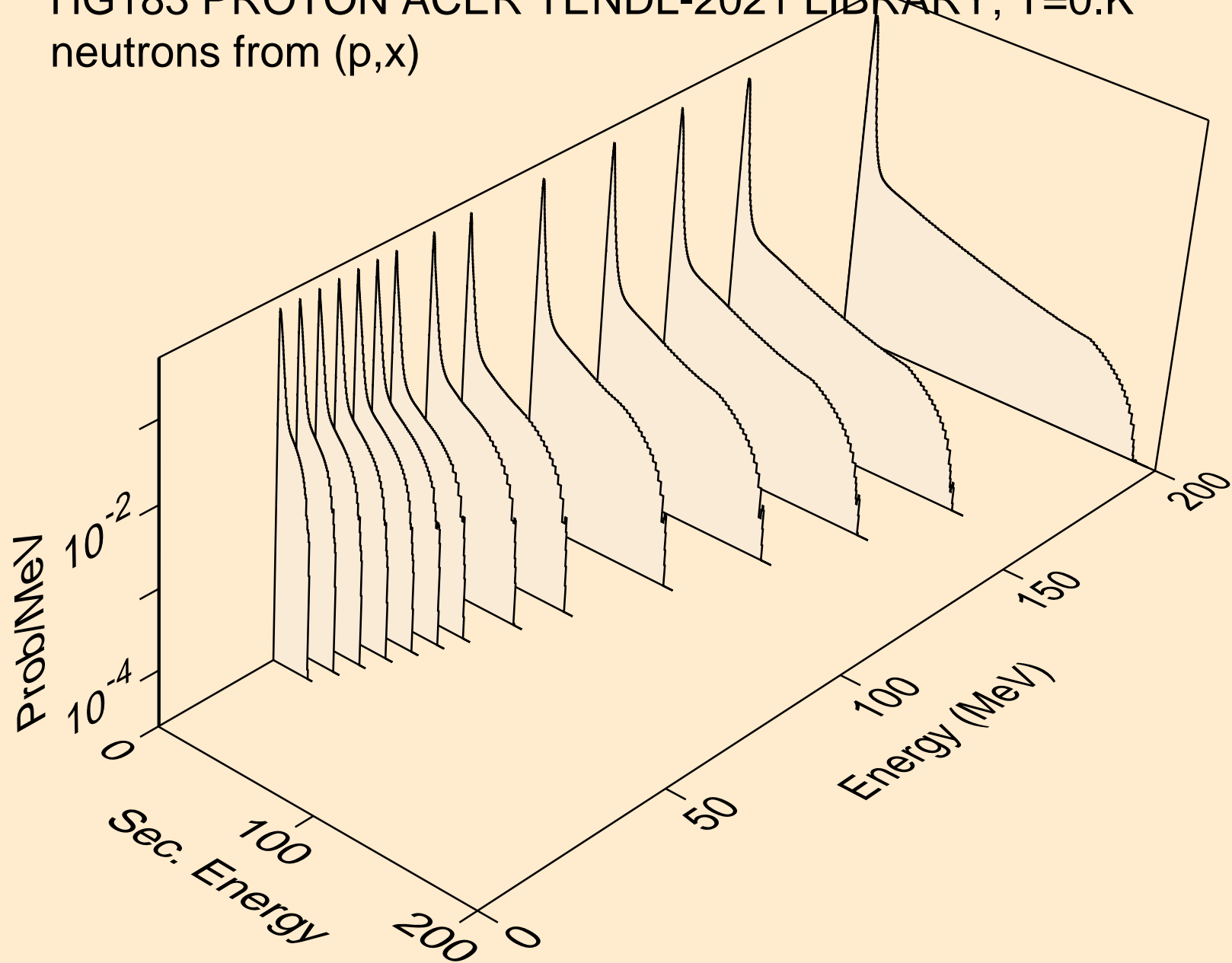
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Particle production cross sections



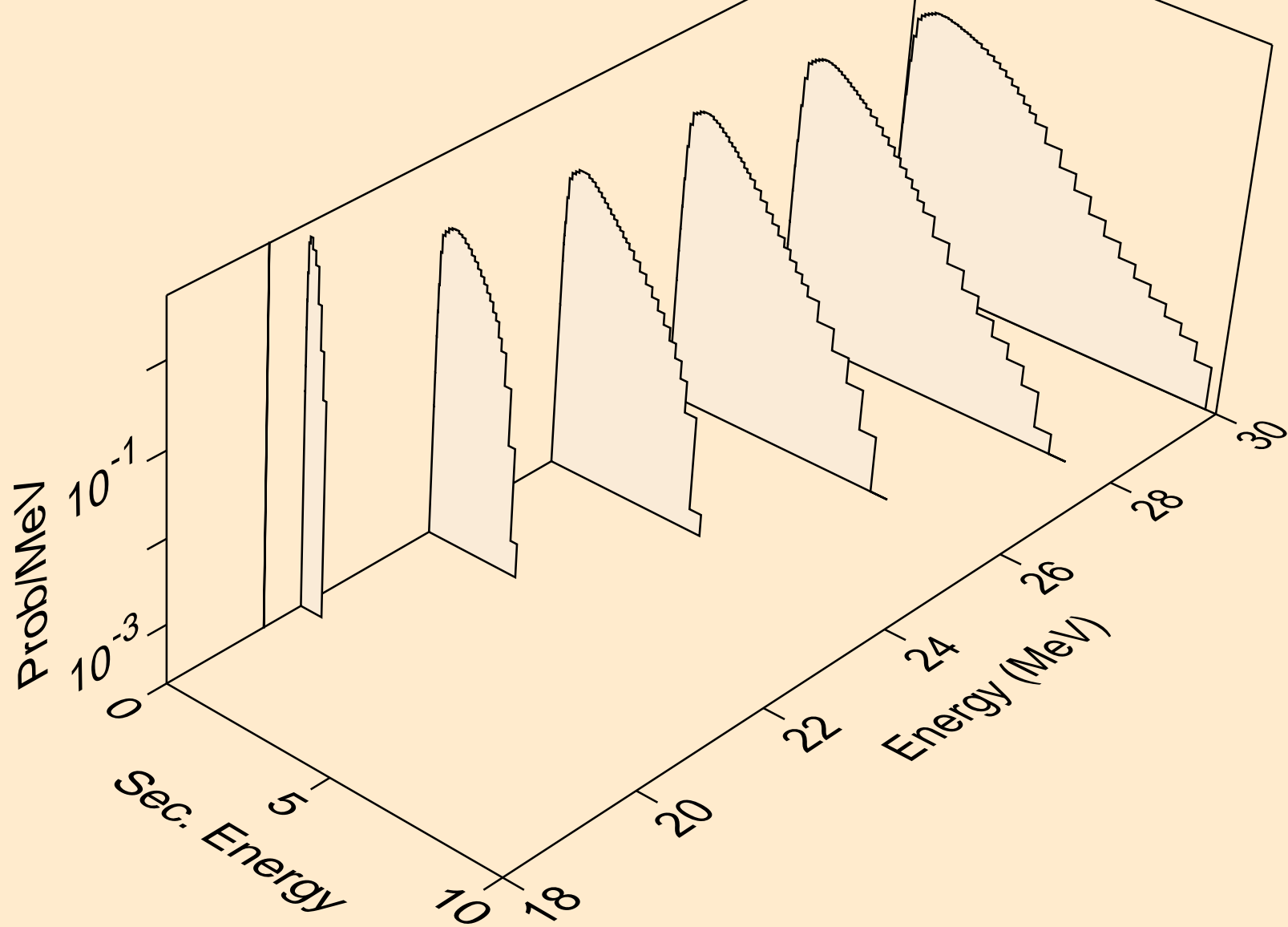
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



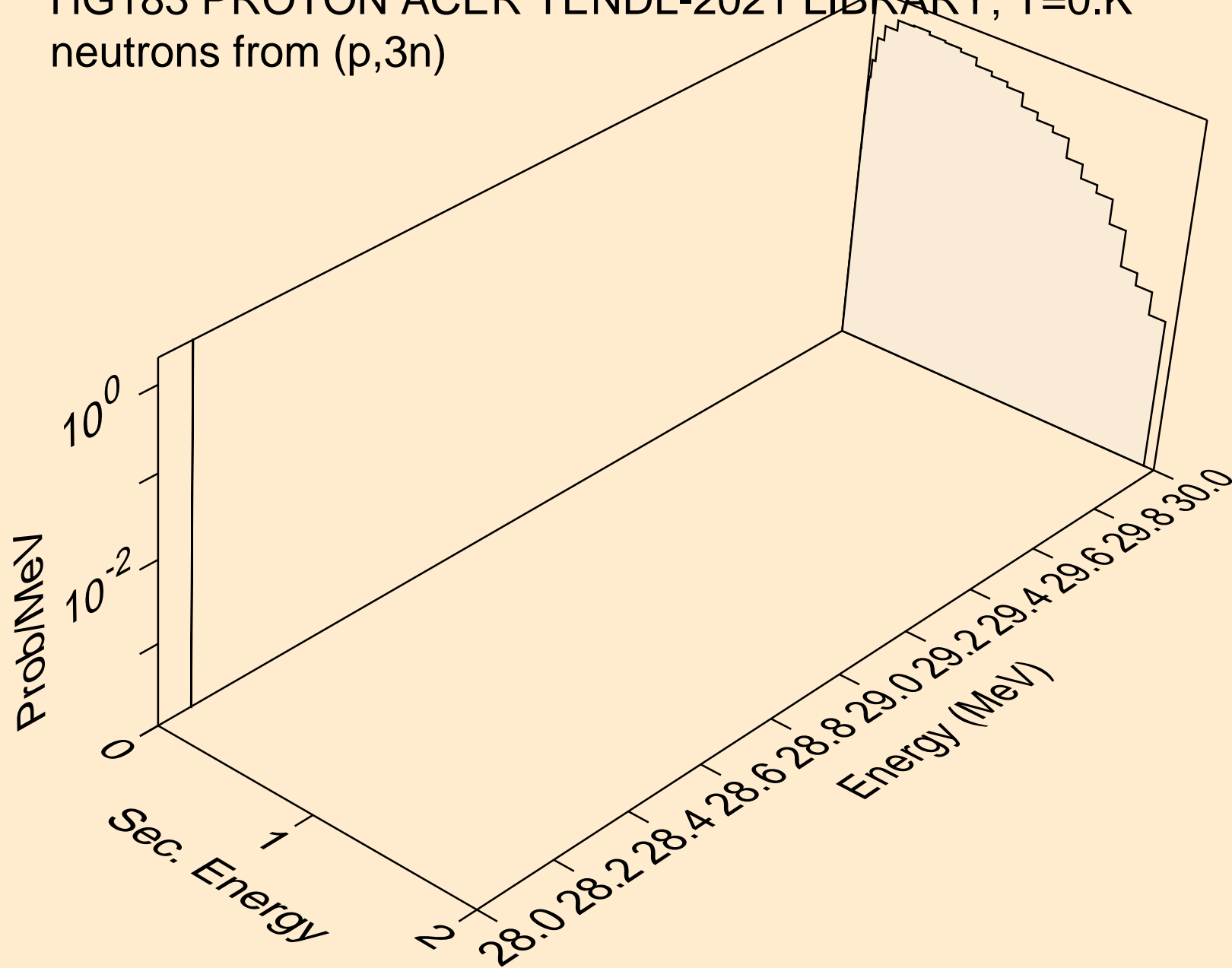
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neutrons from (p,x)



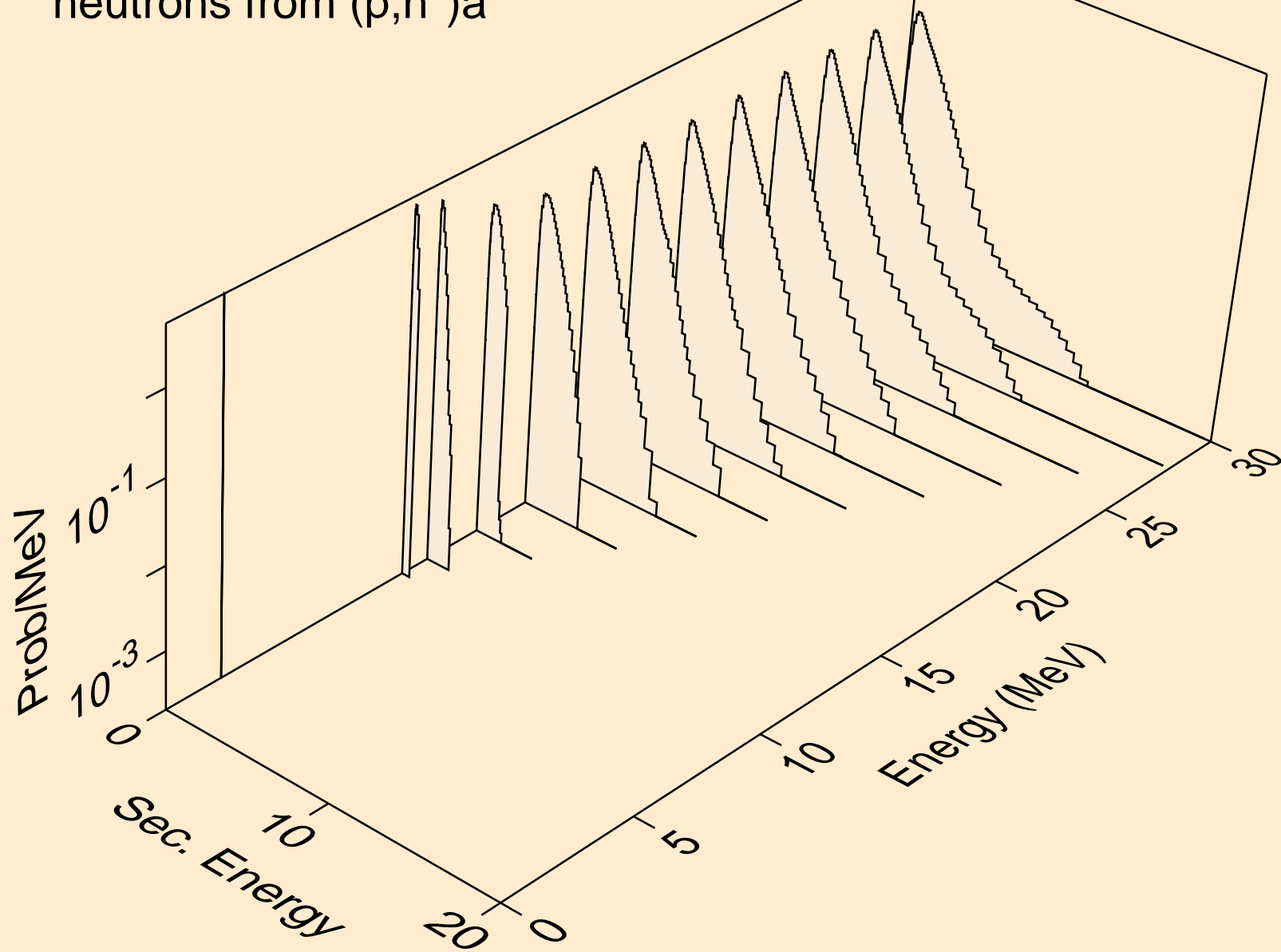
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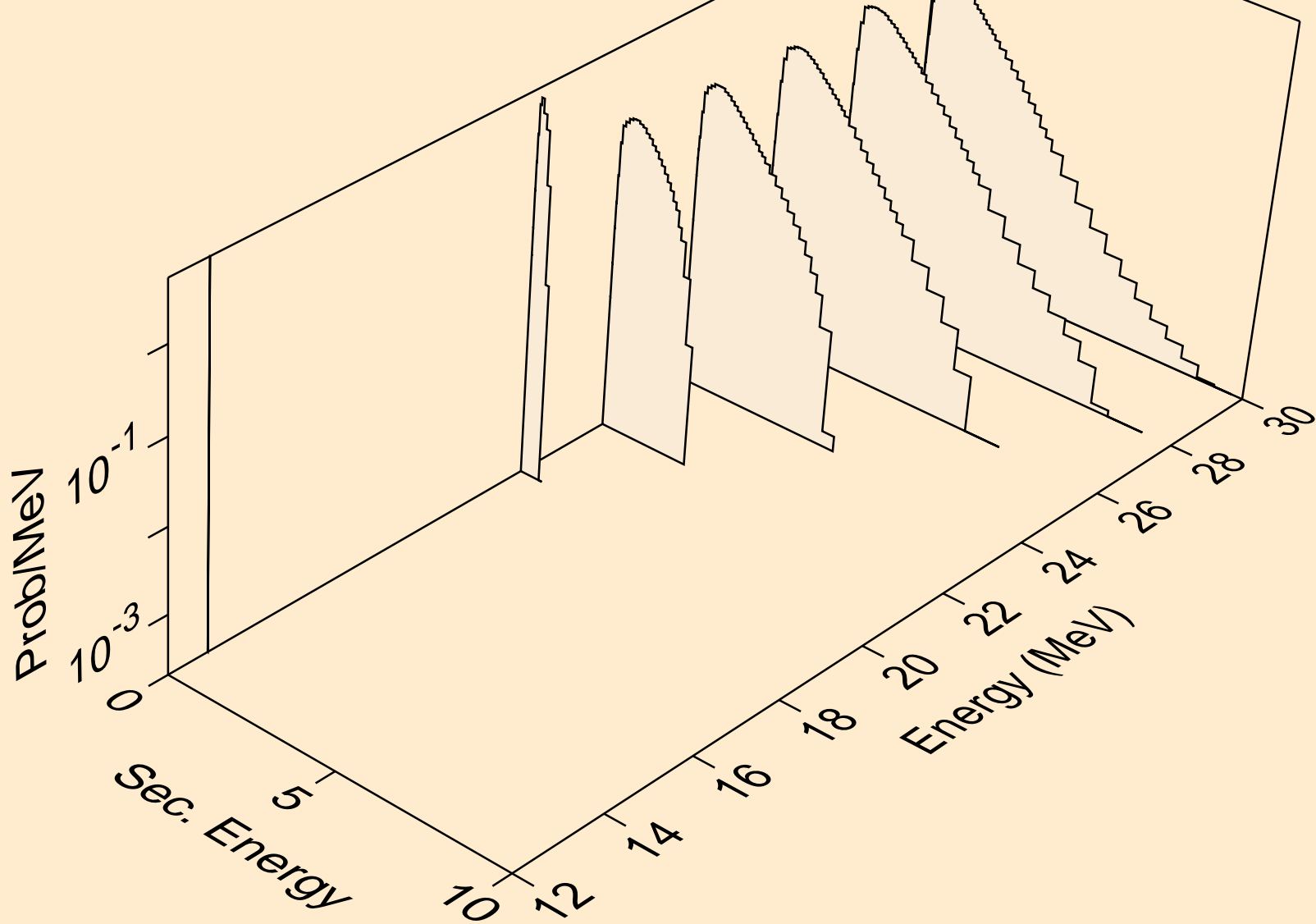
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a

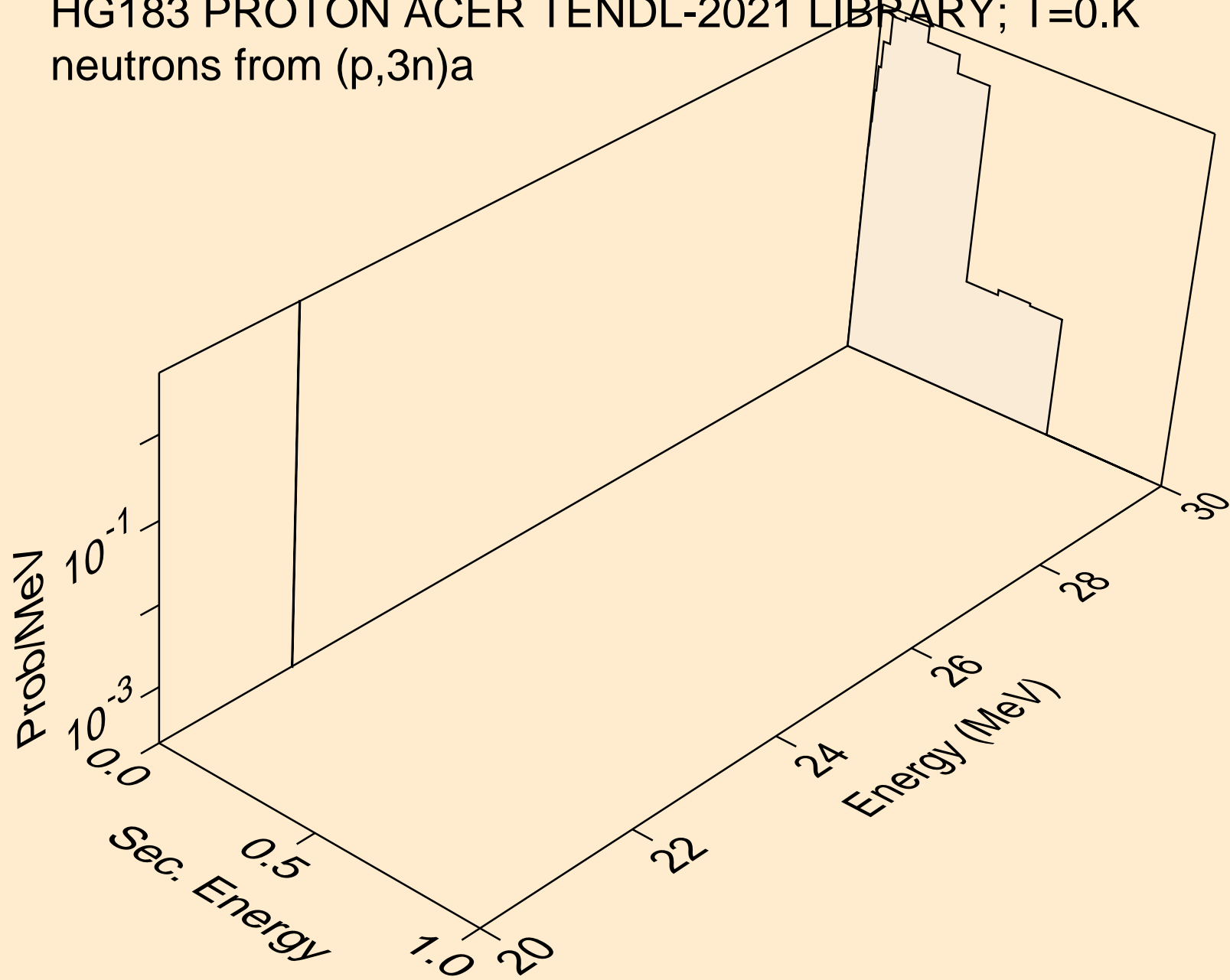


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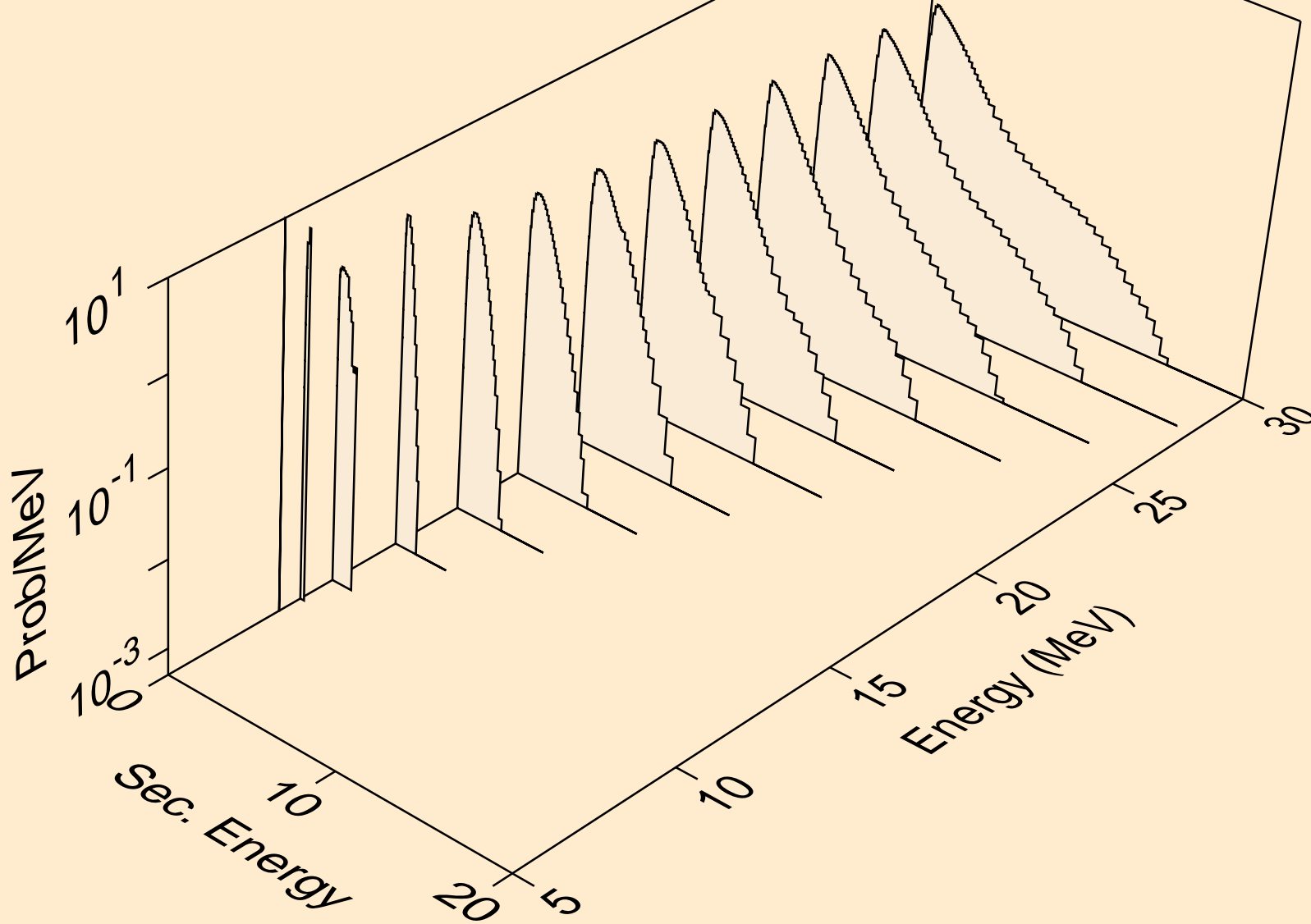




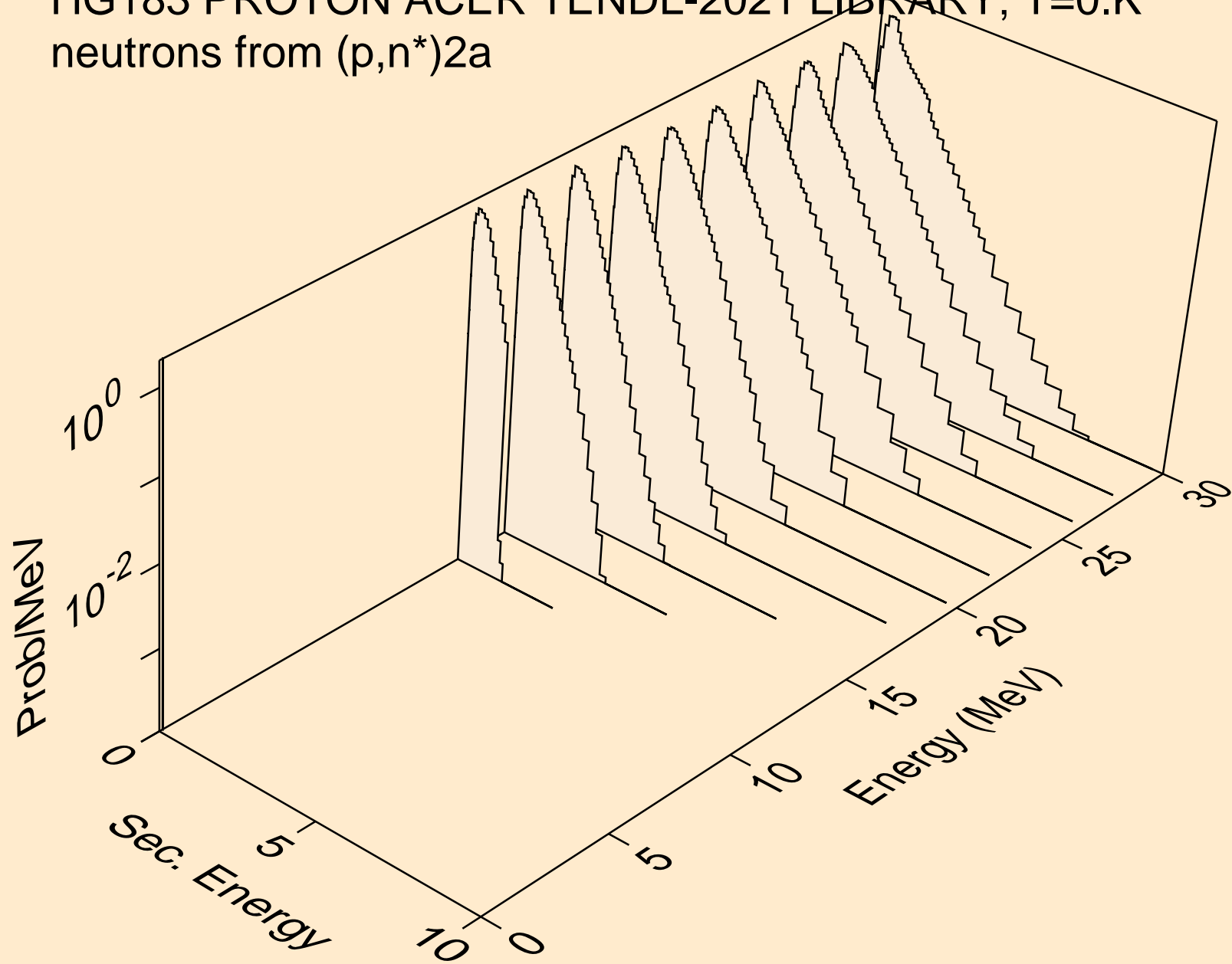
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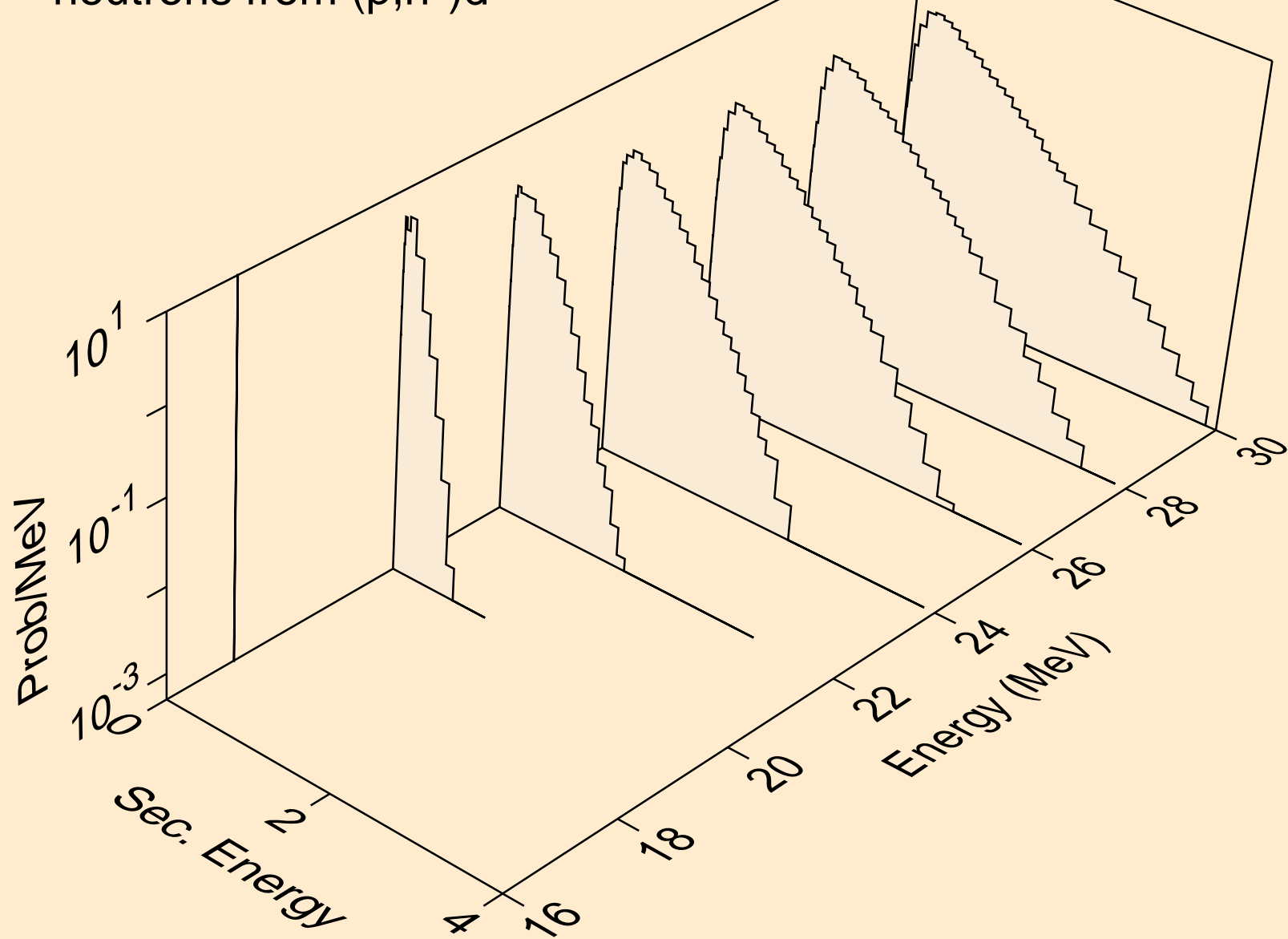
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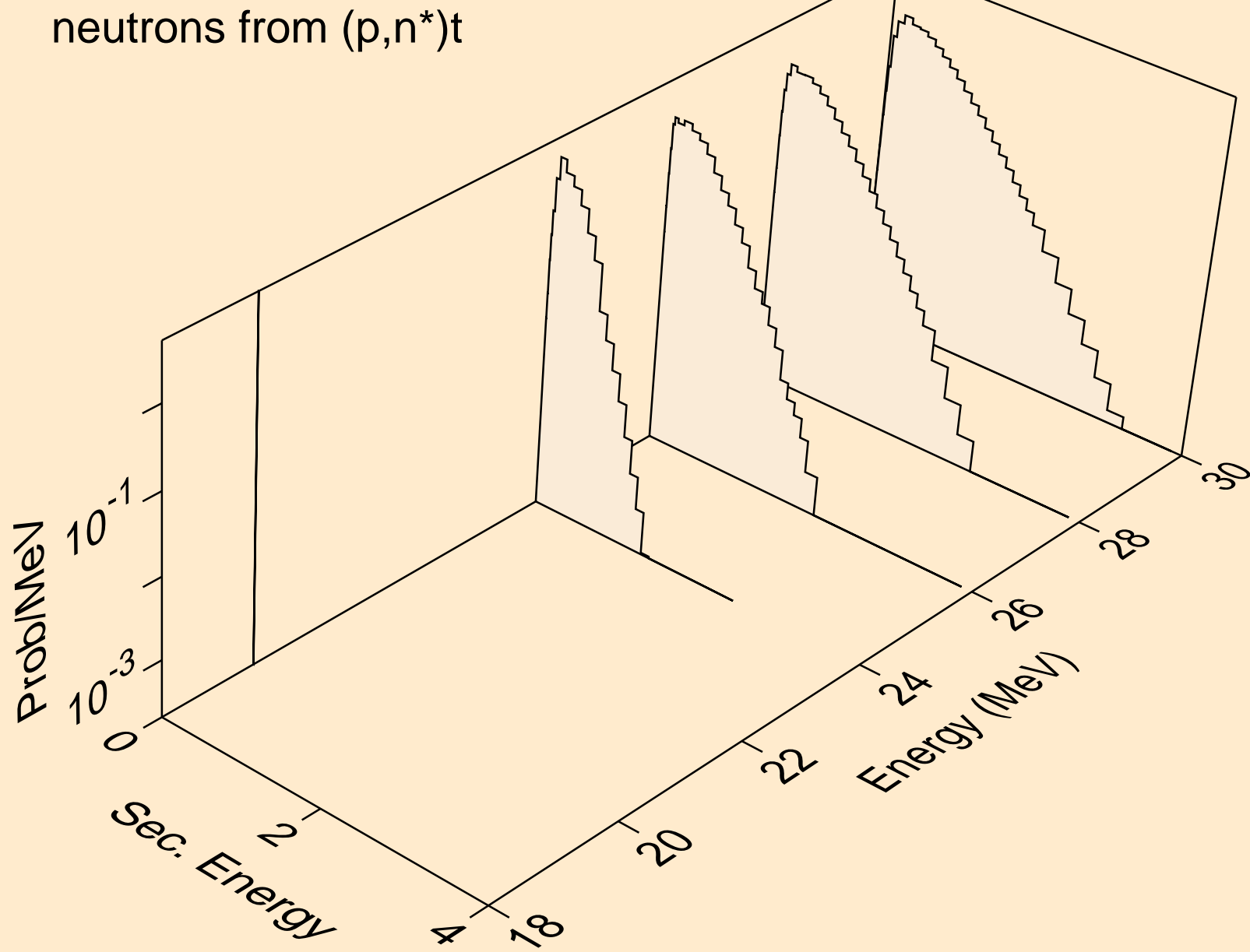
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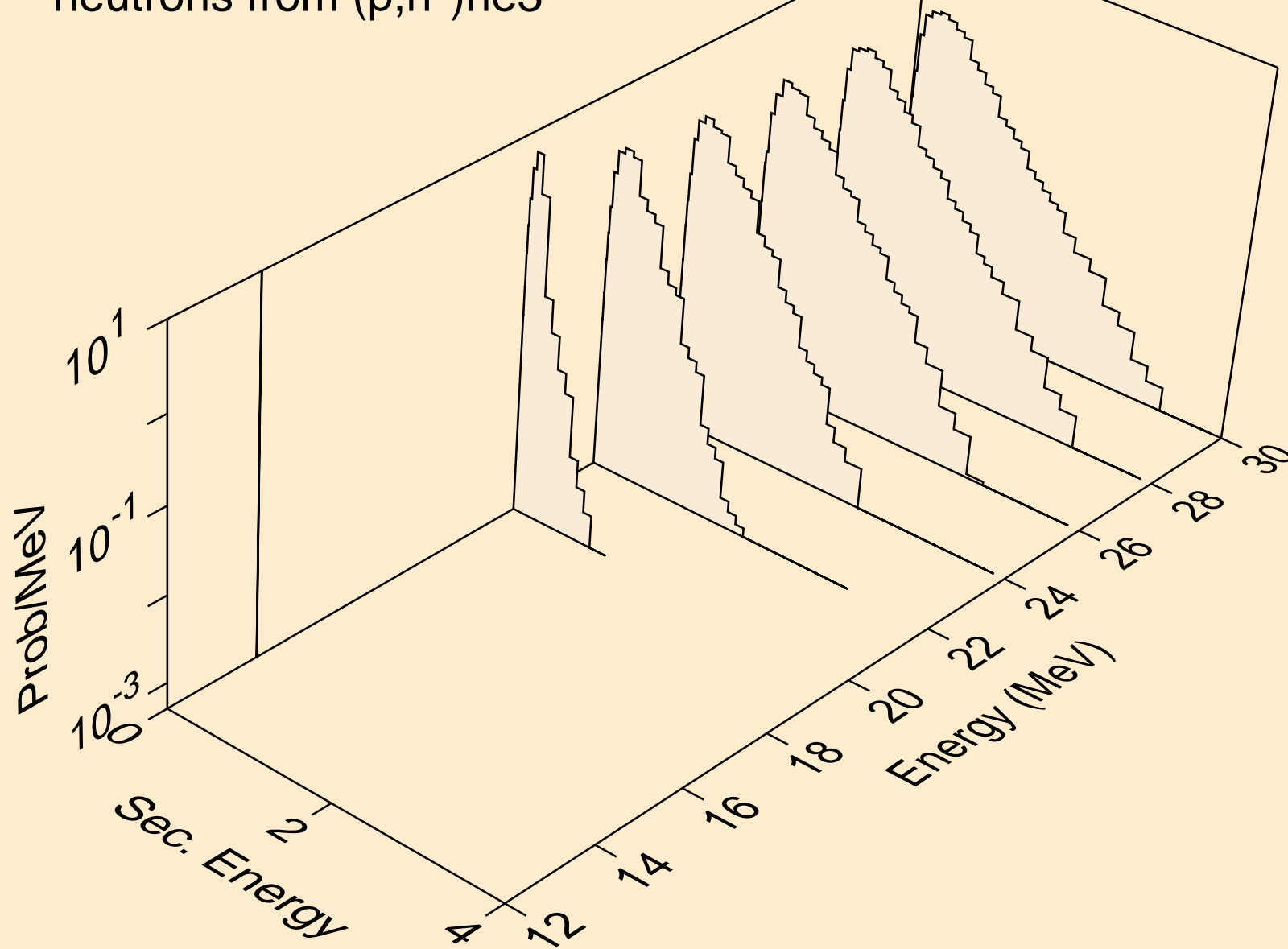
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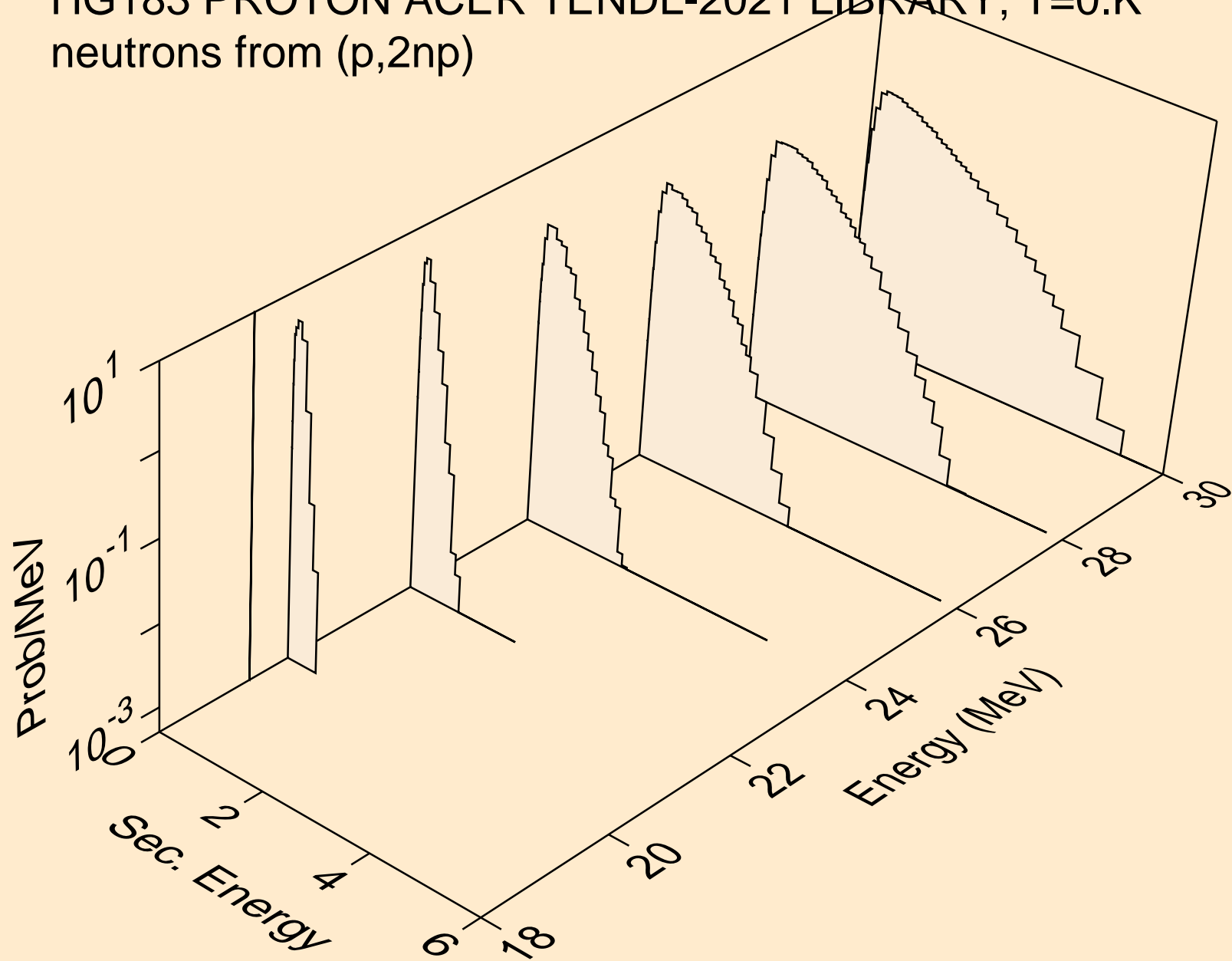
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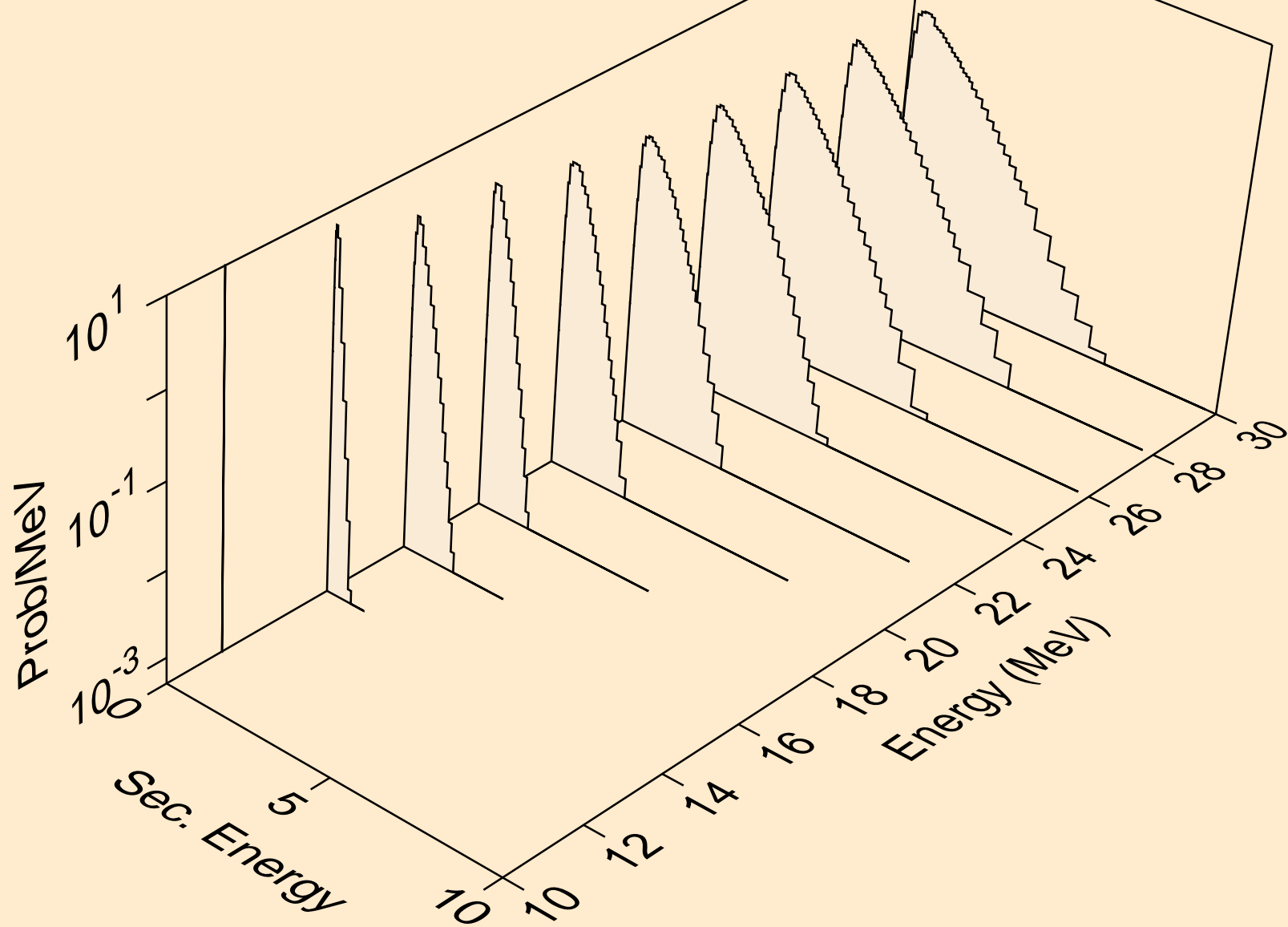
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
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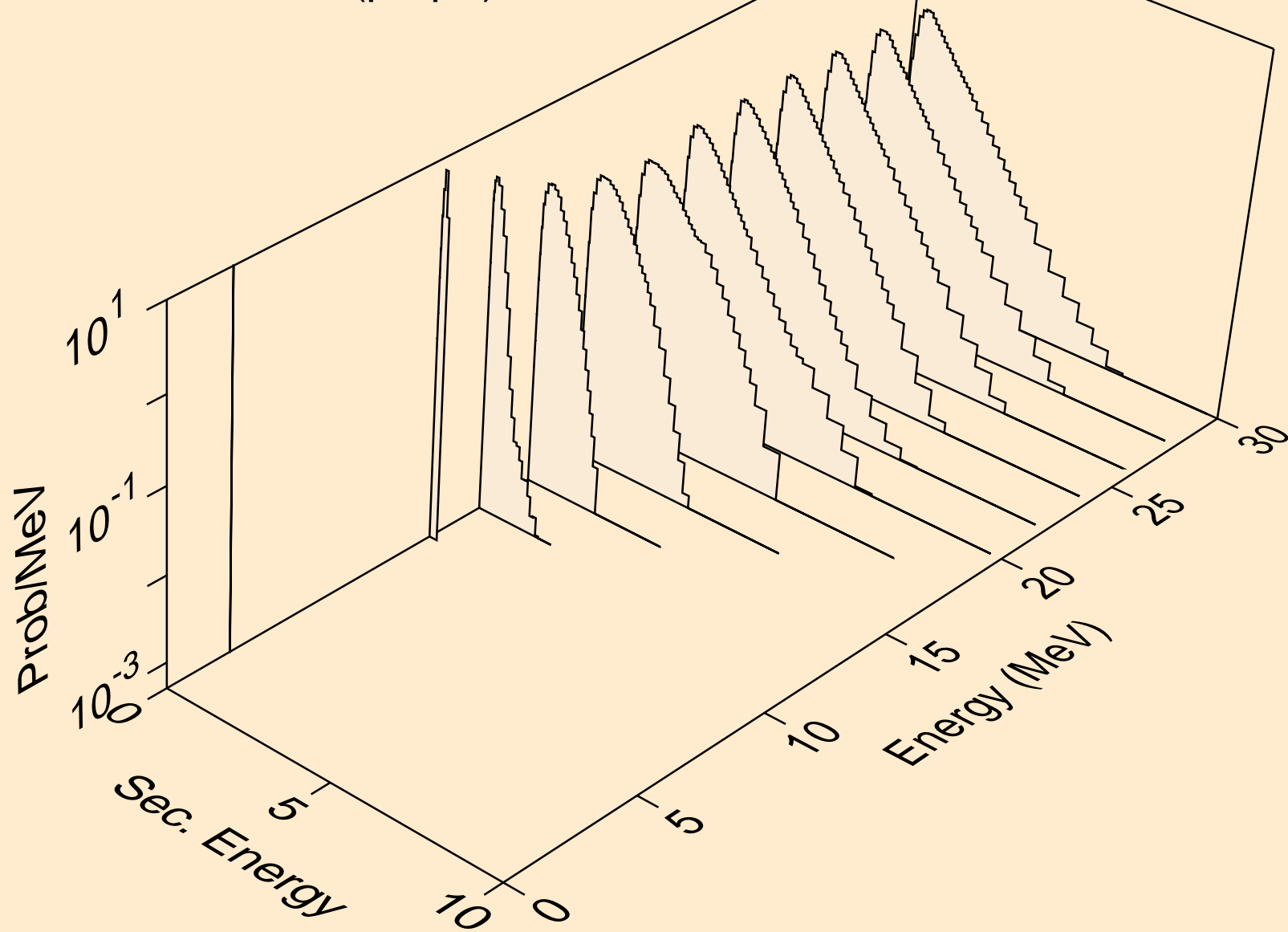


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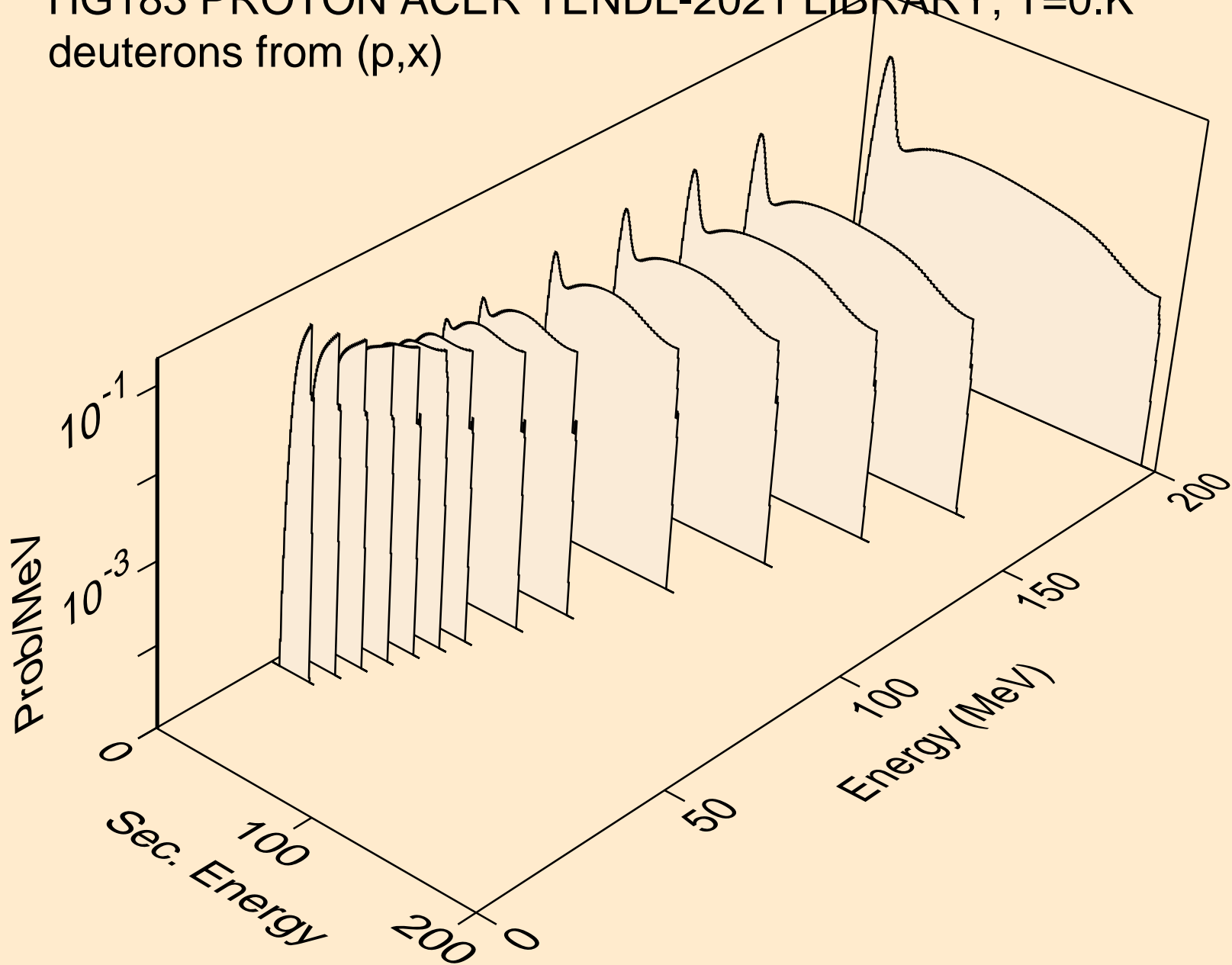




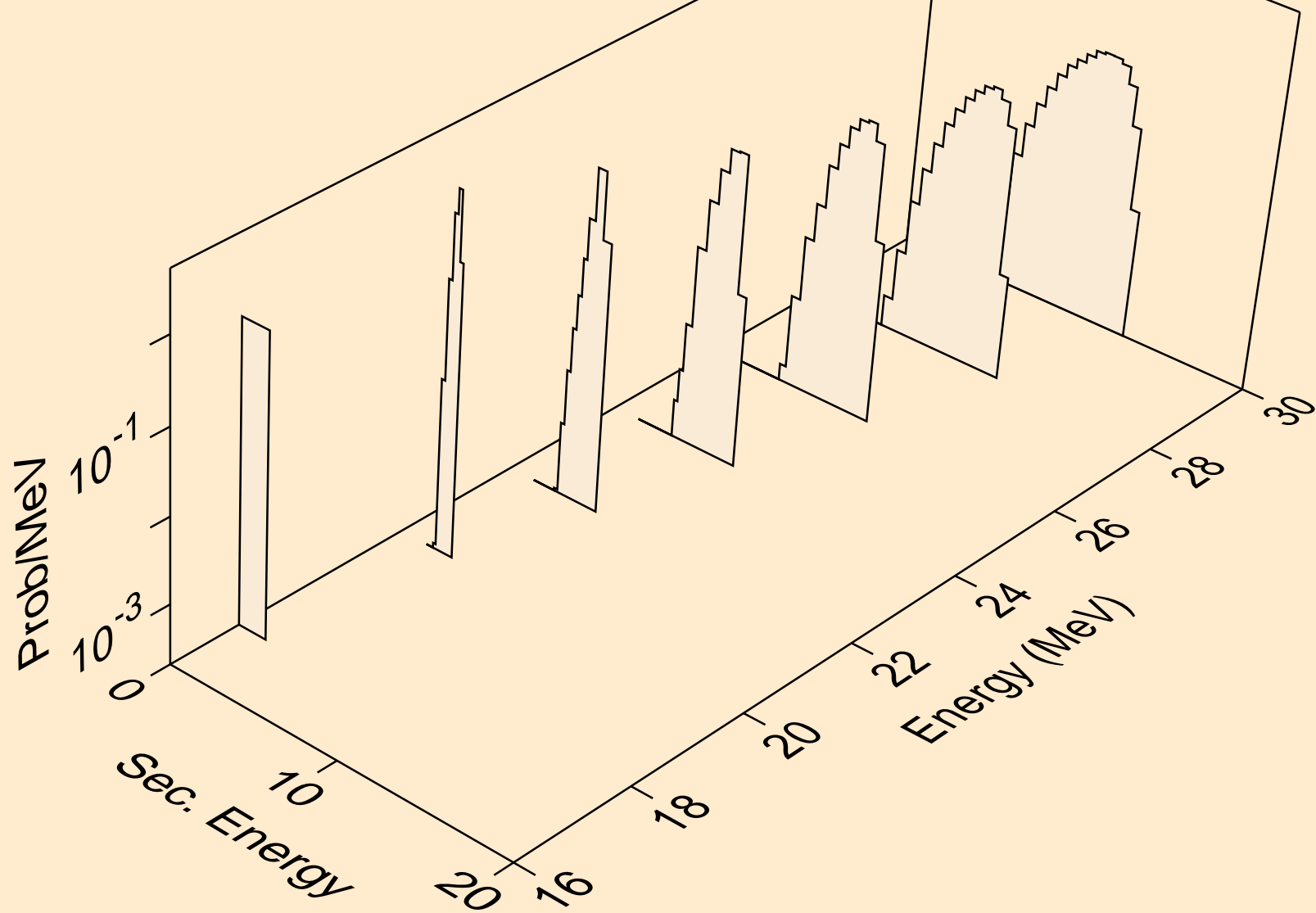
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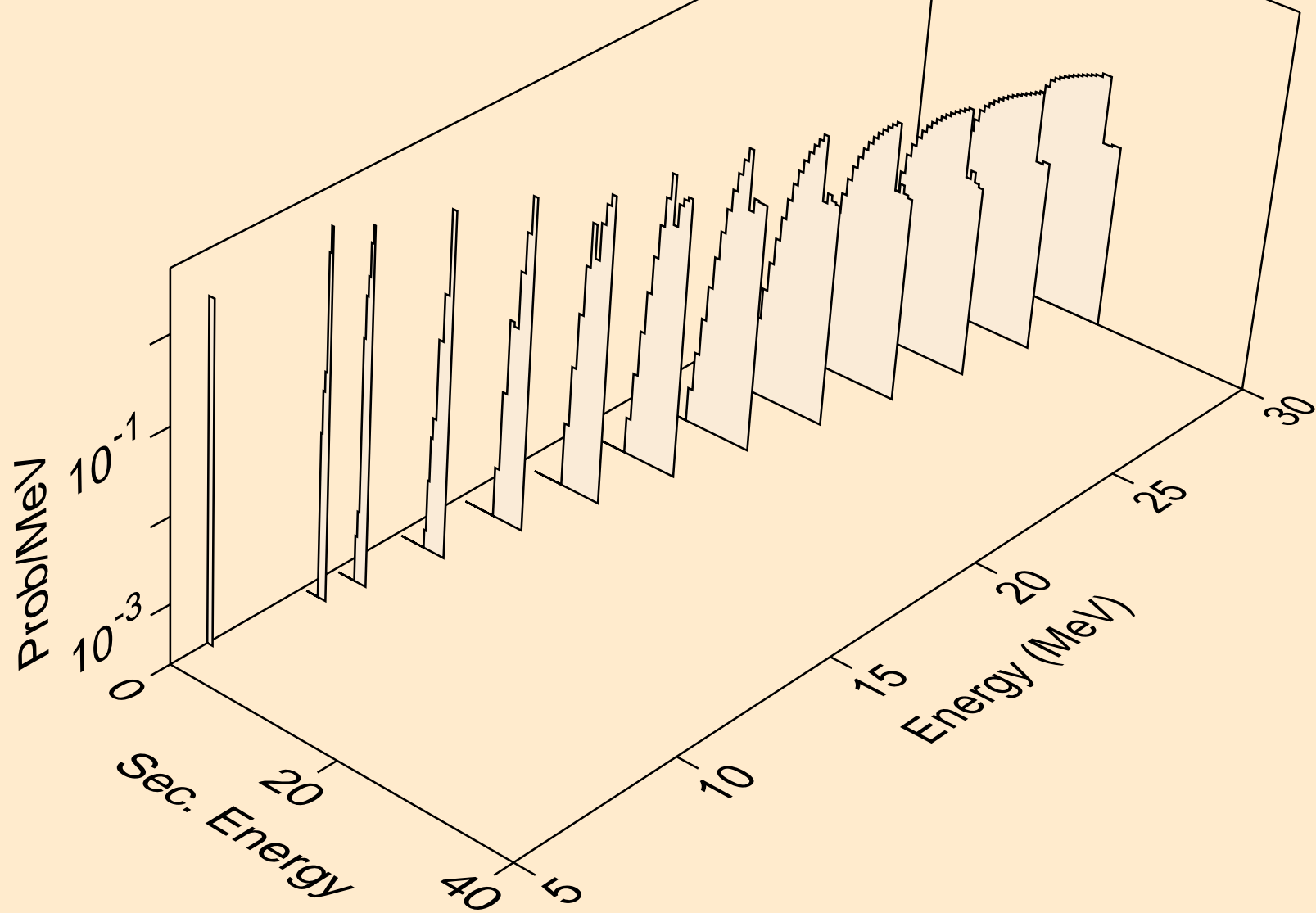
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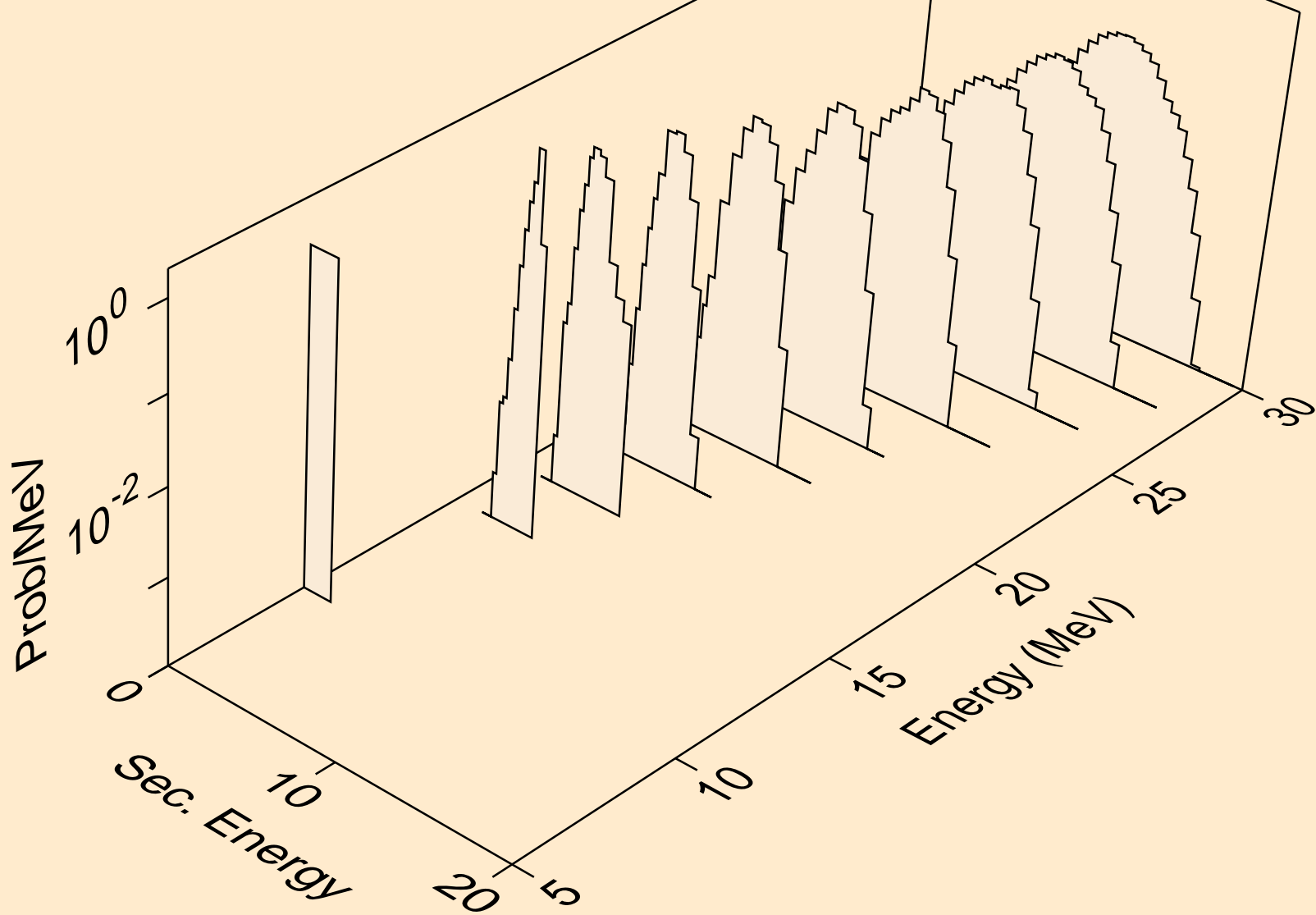
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



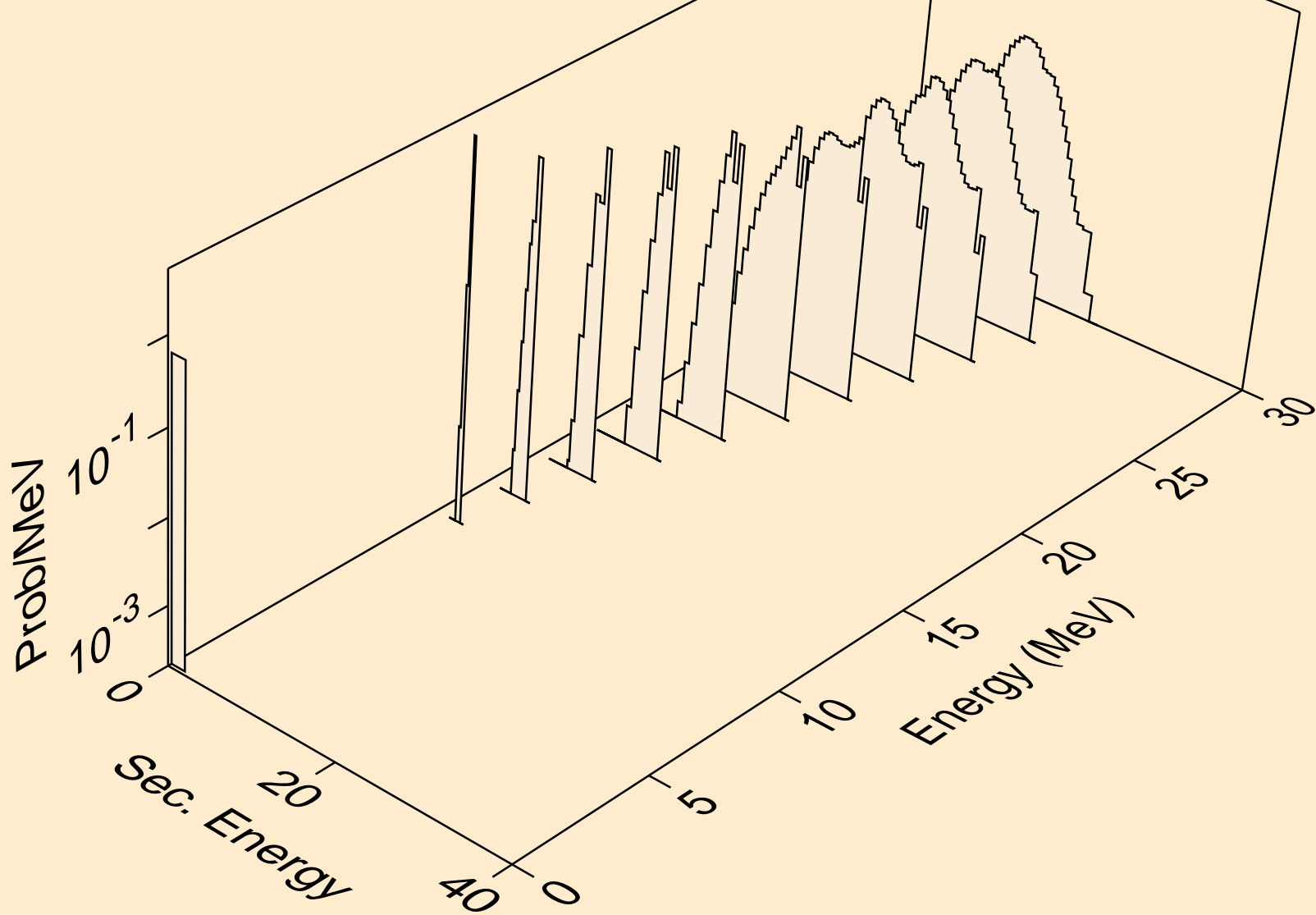
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



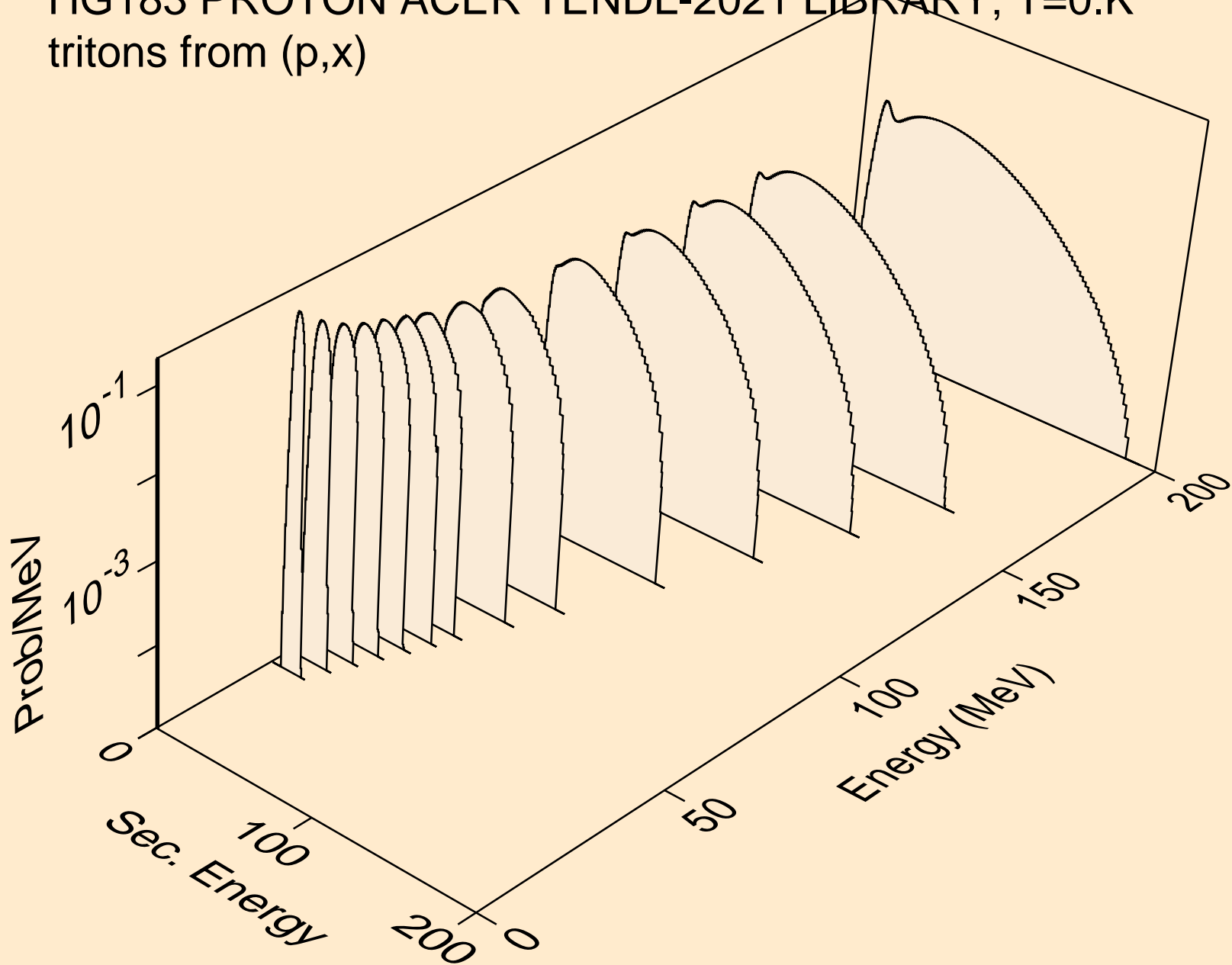
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)



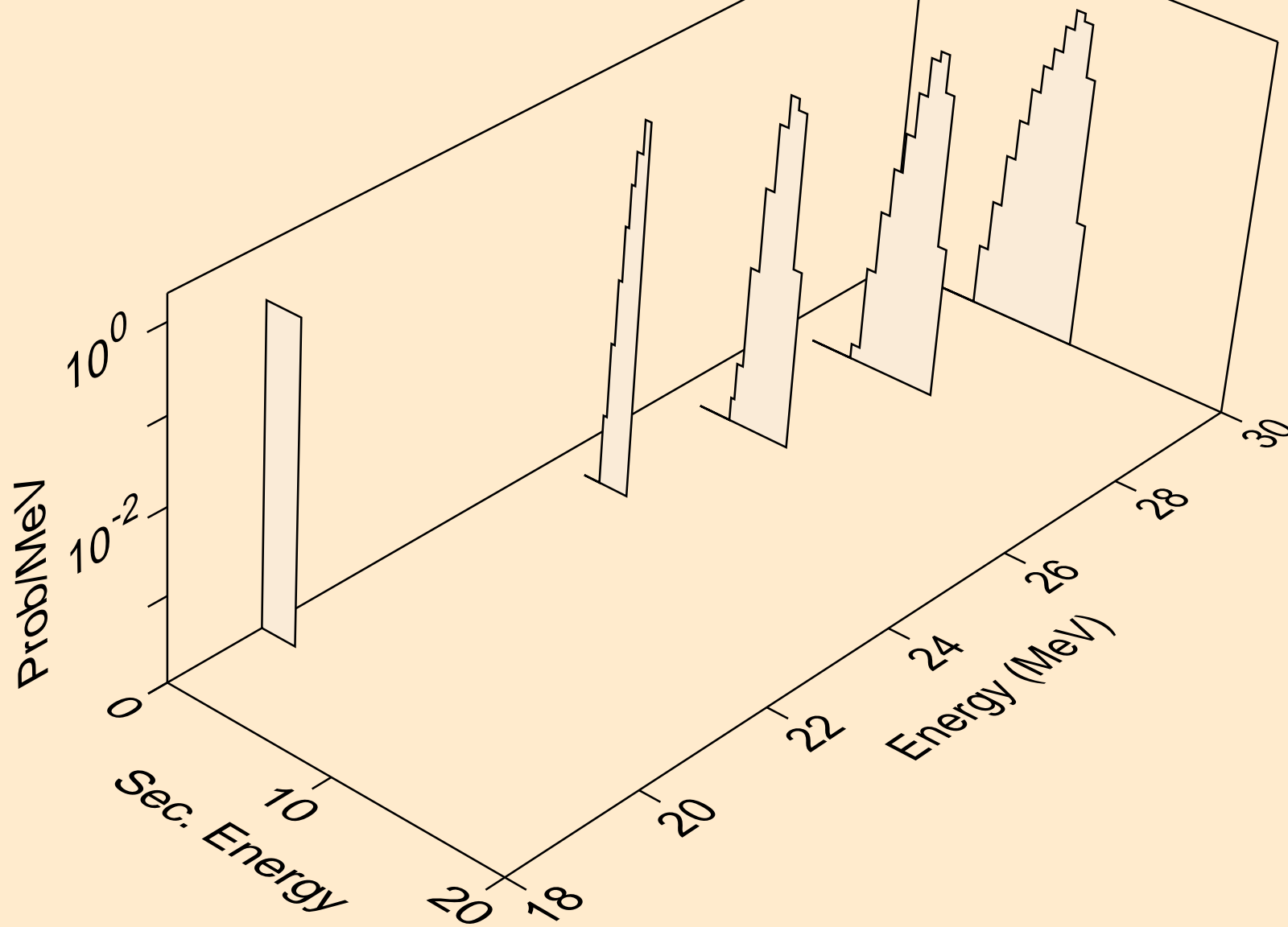
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)



HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)

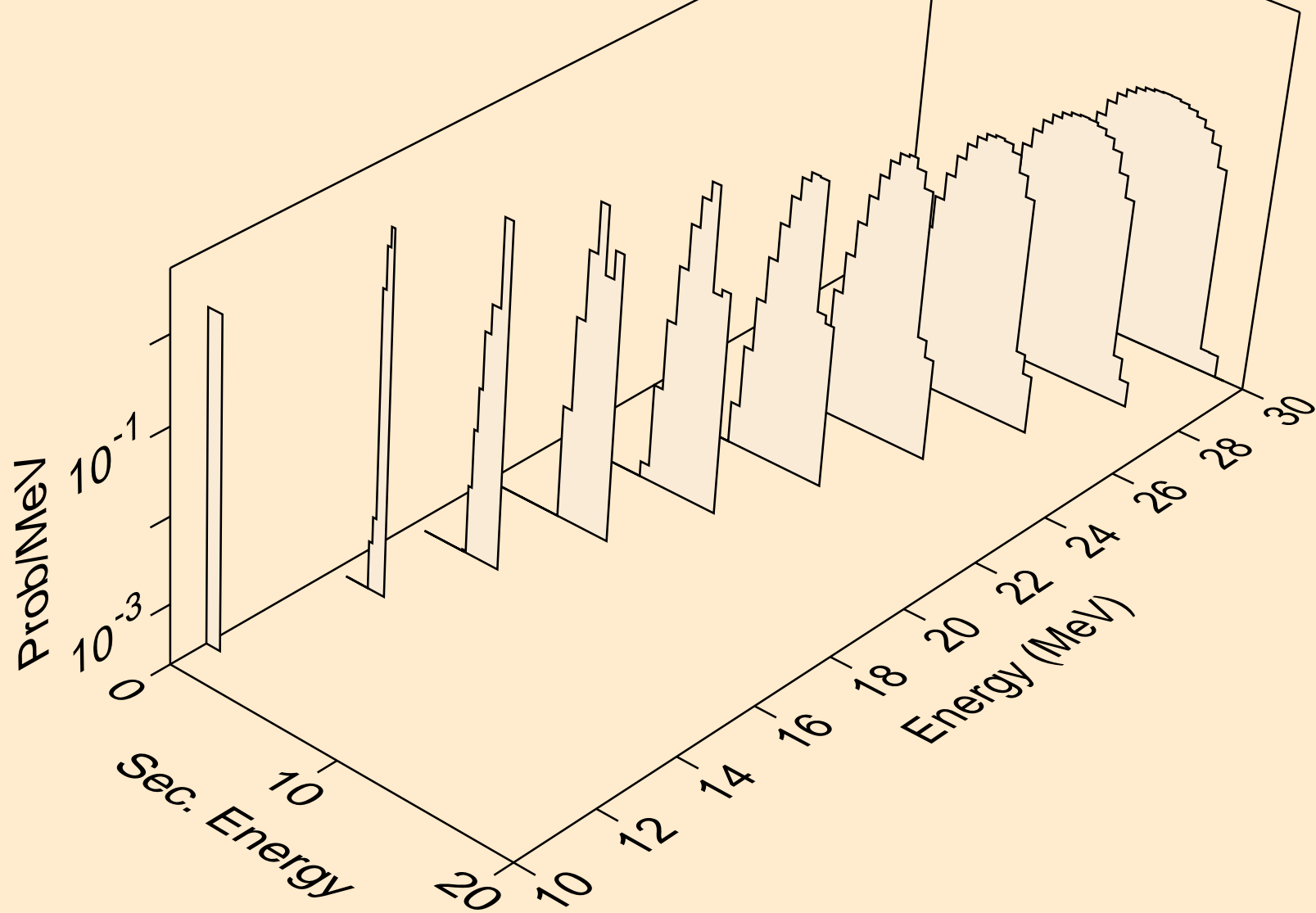


HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t

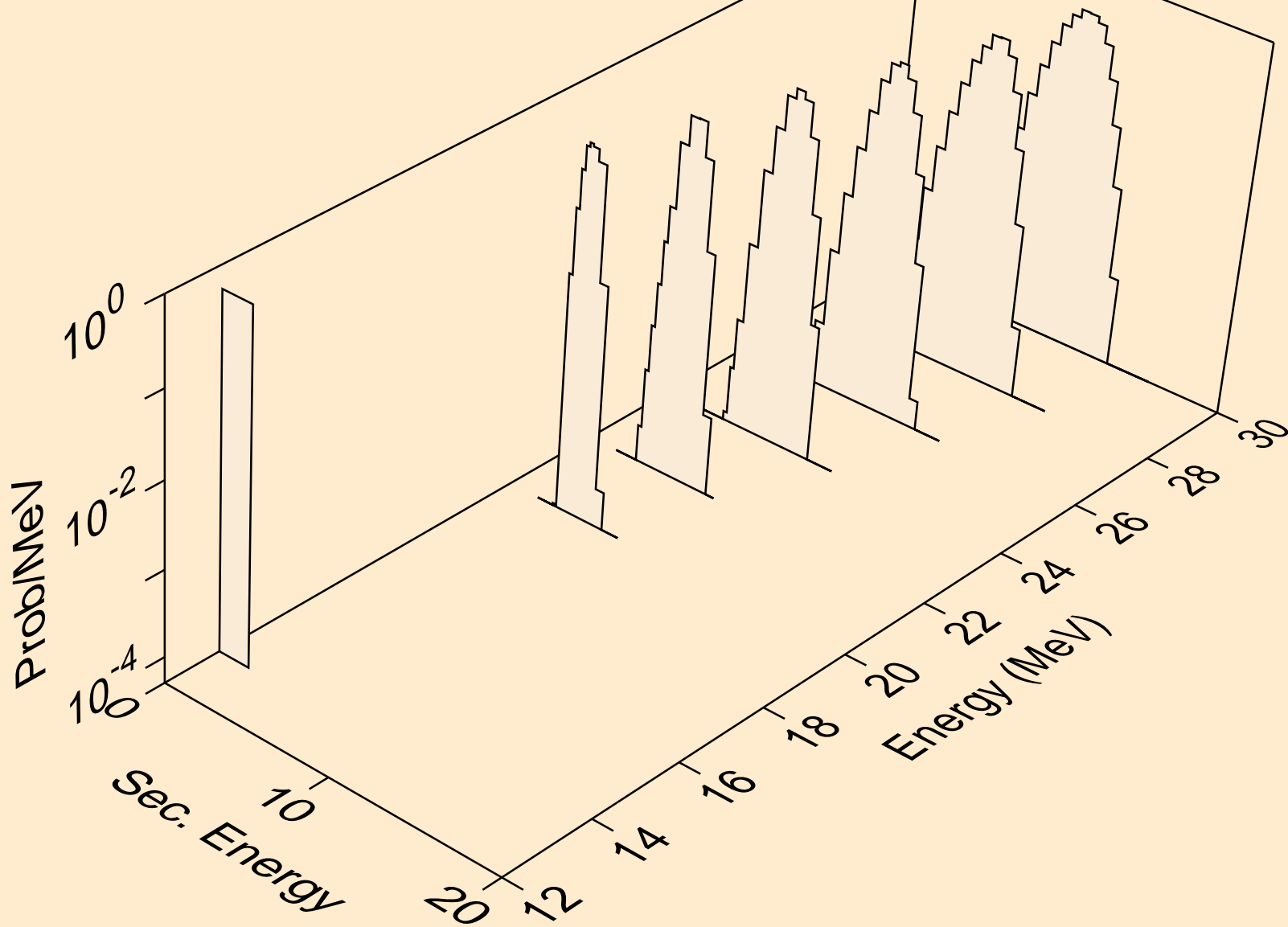




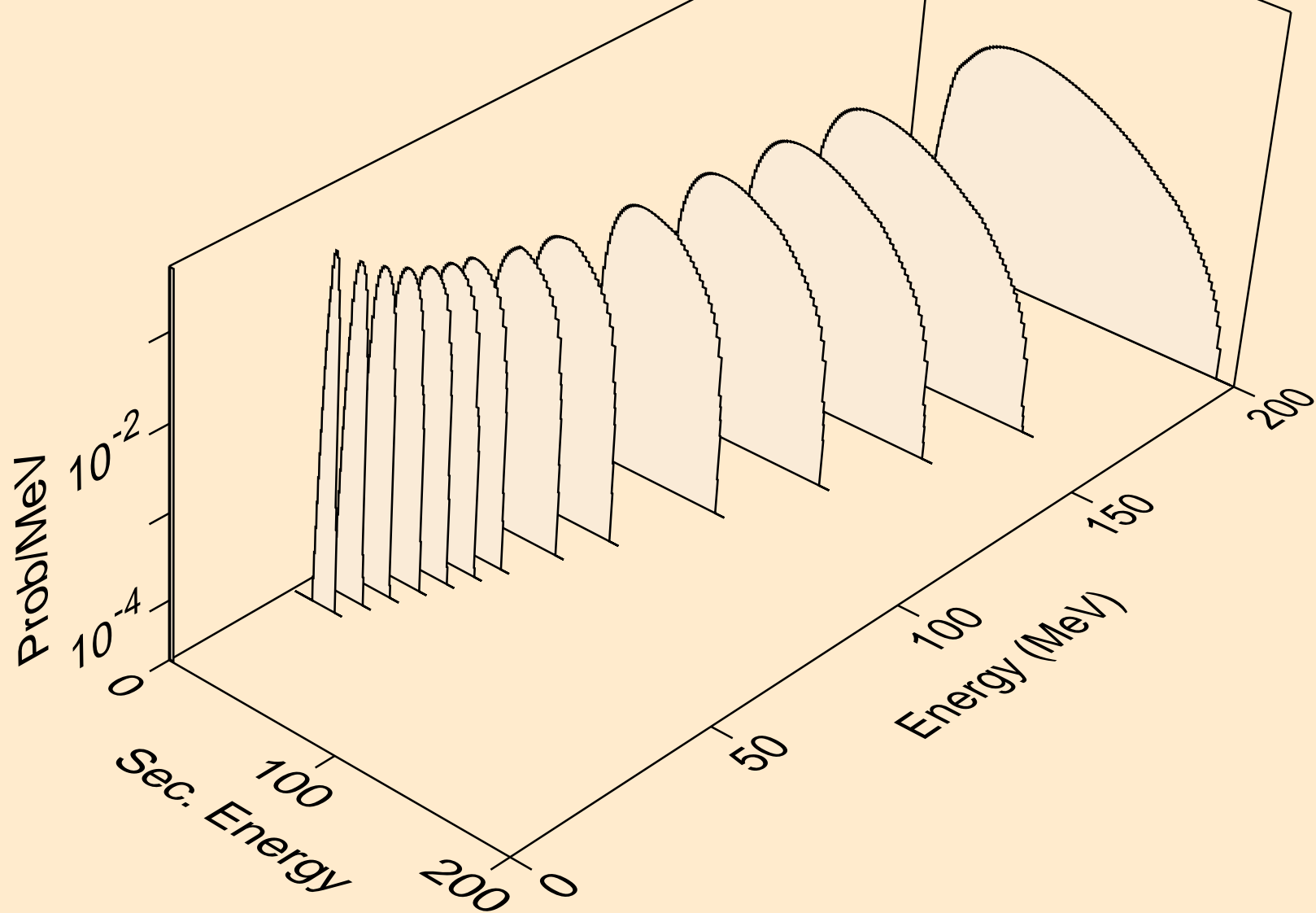
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



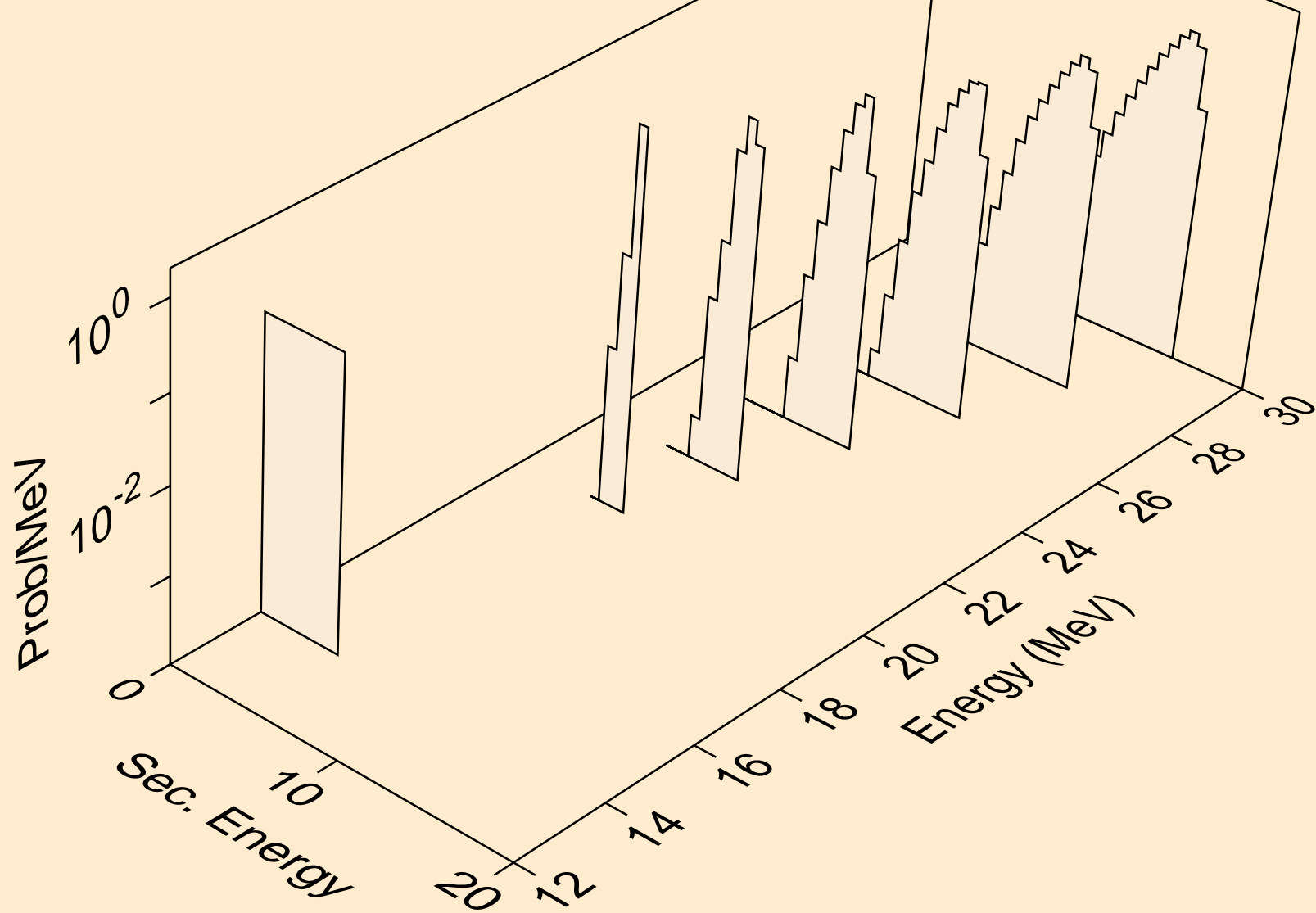
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)



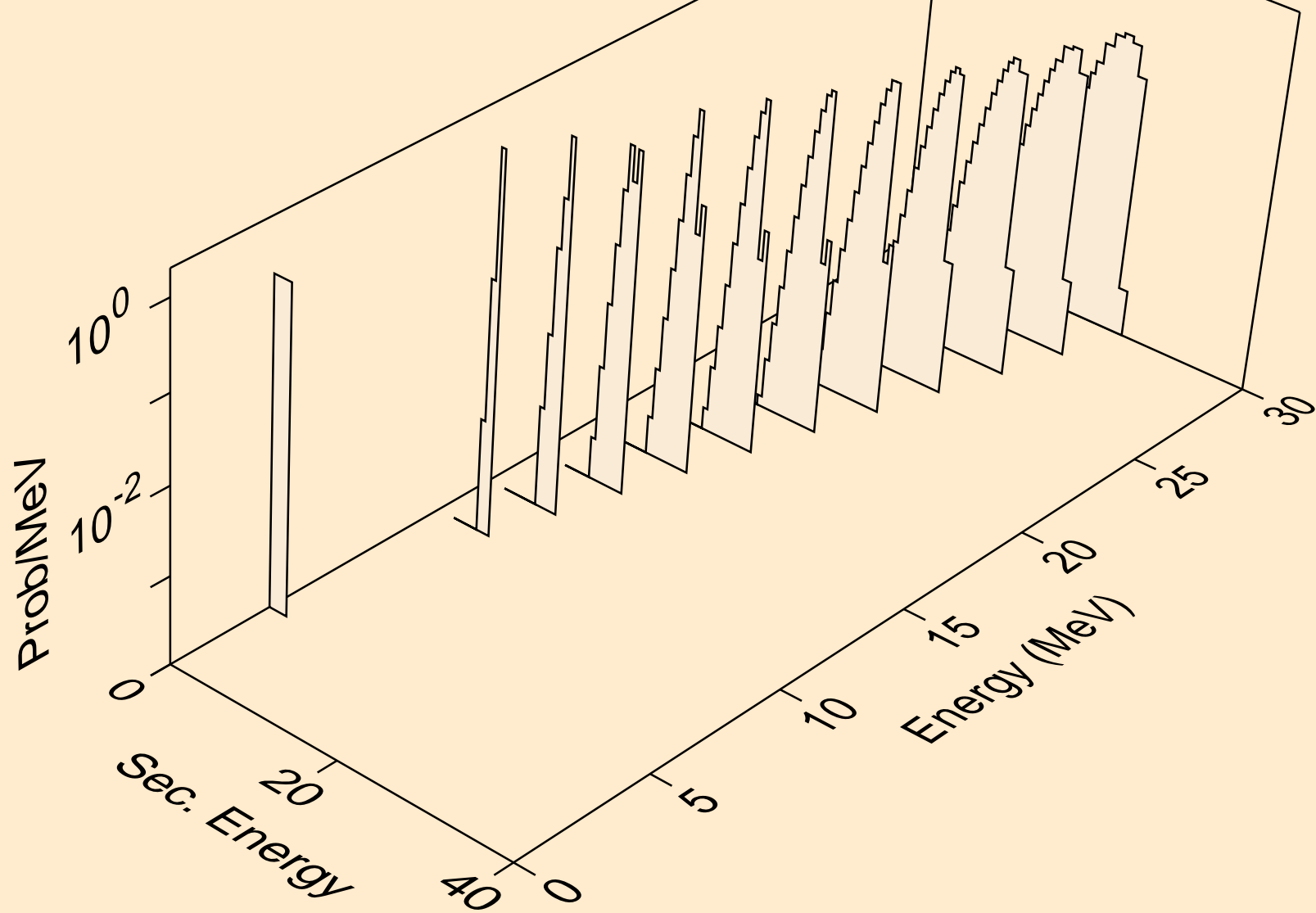
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



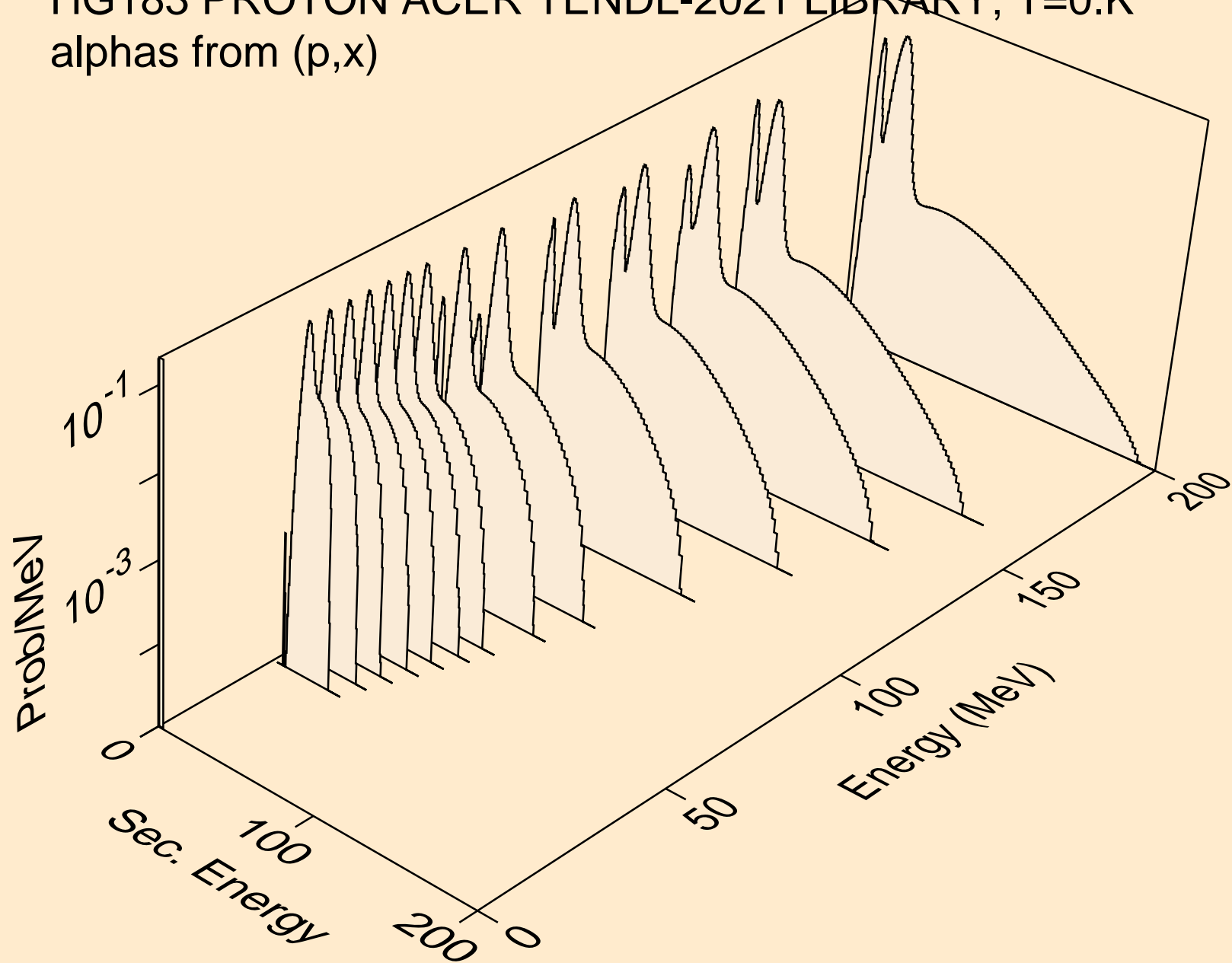
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



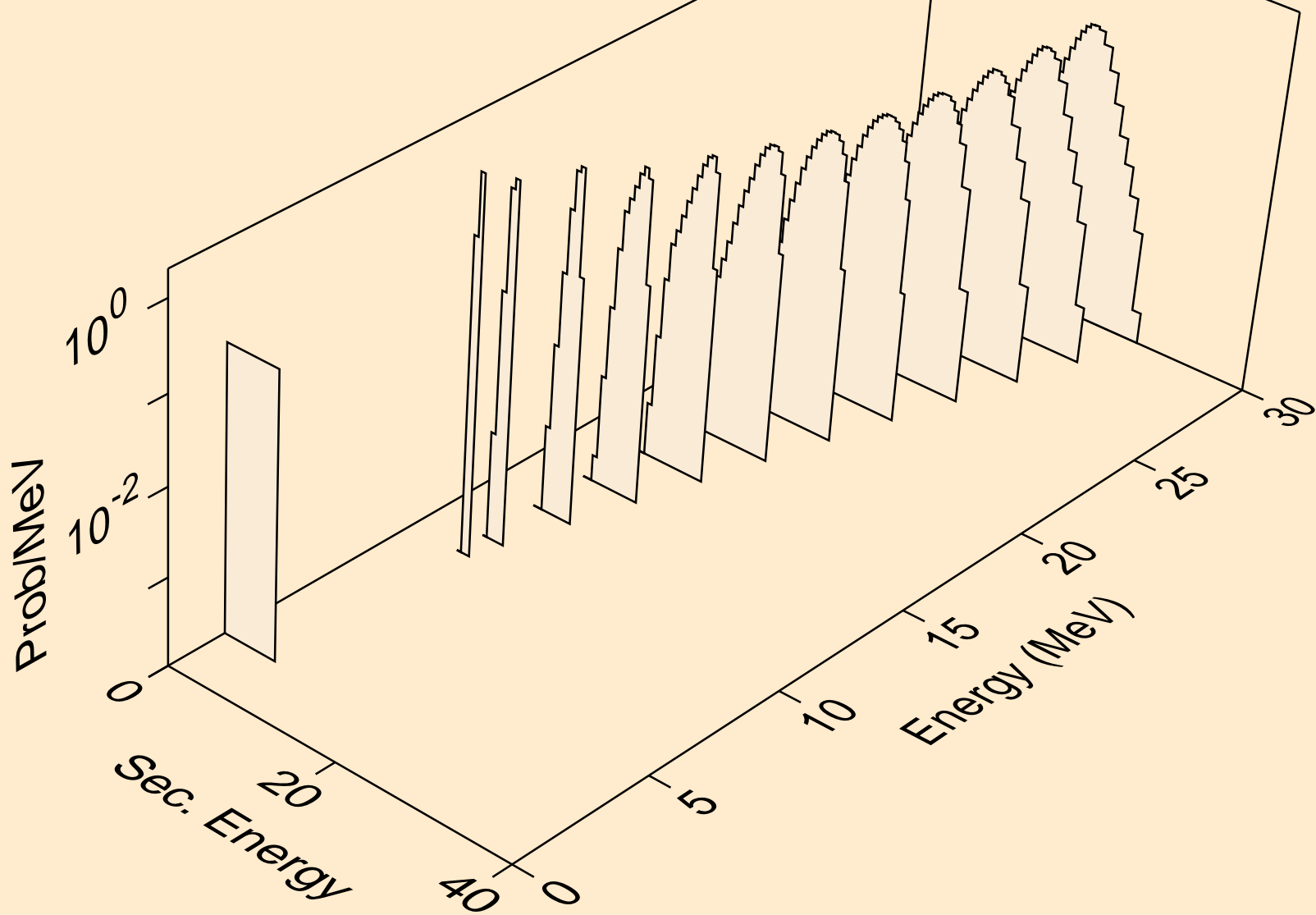
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



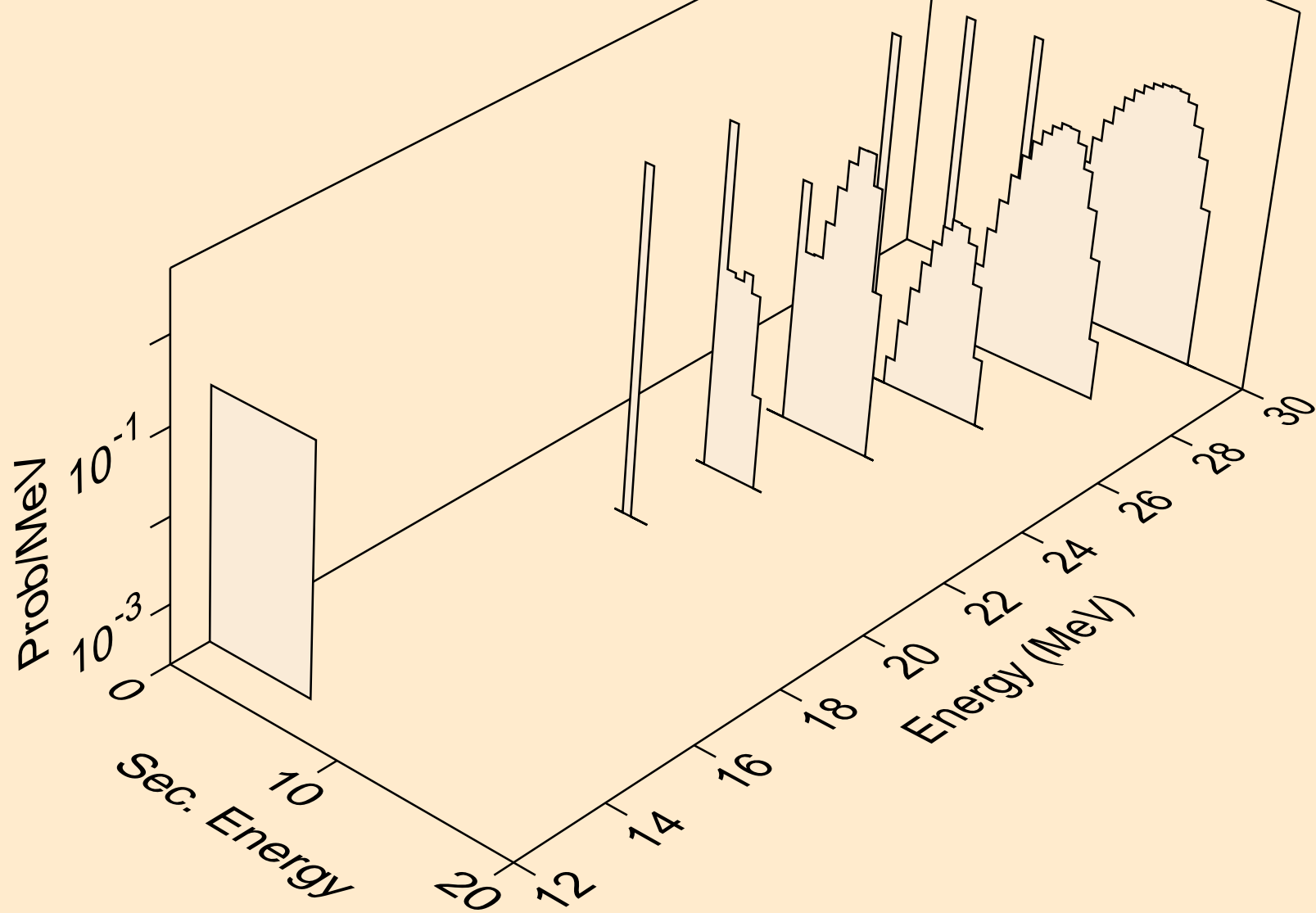
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a

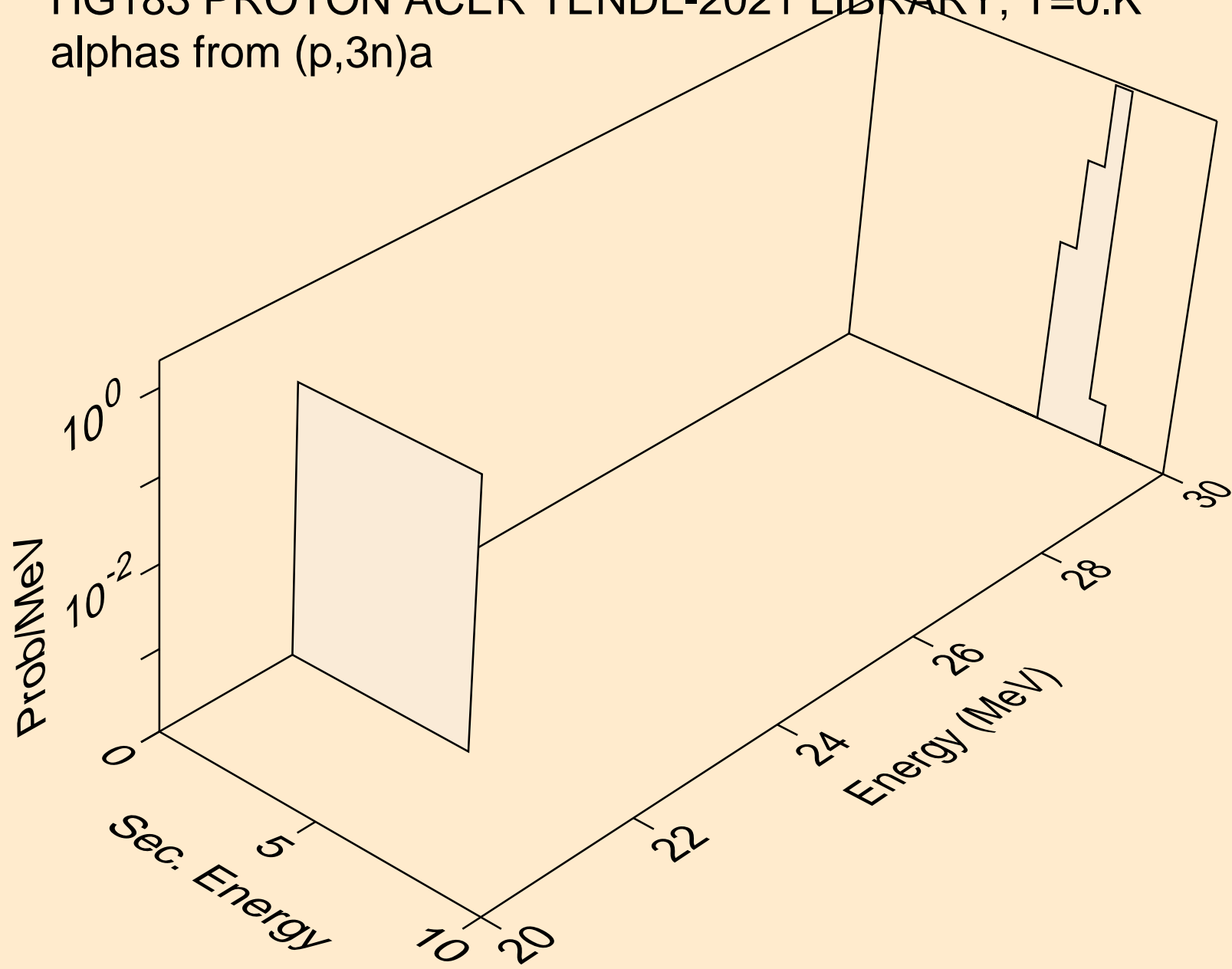


HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a

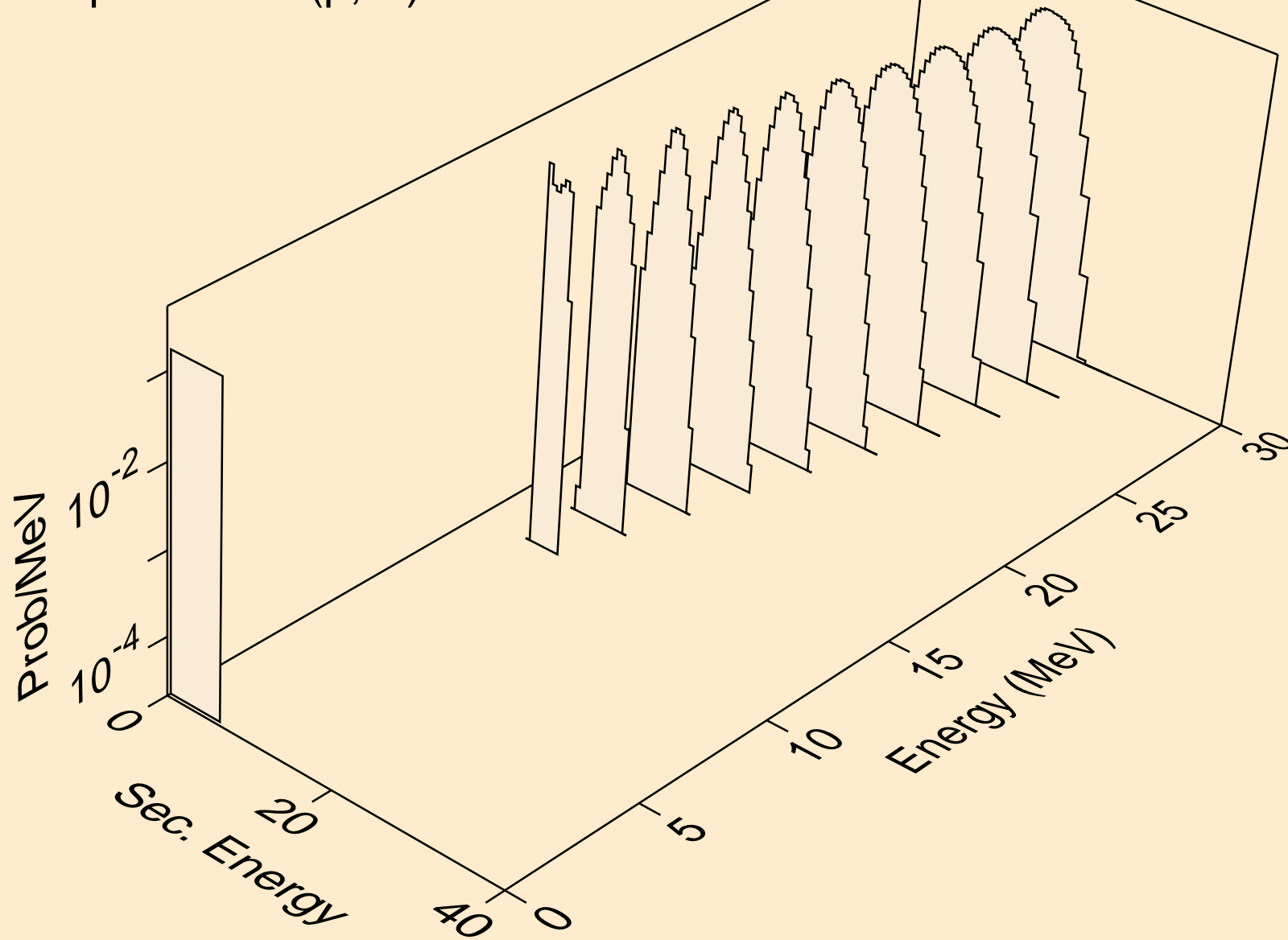




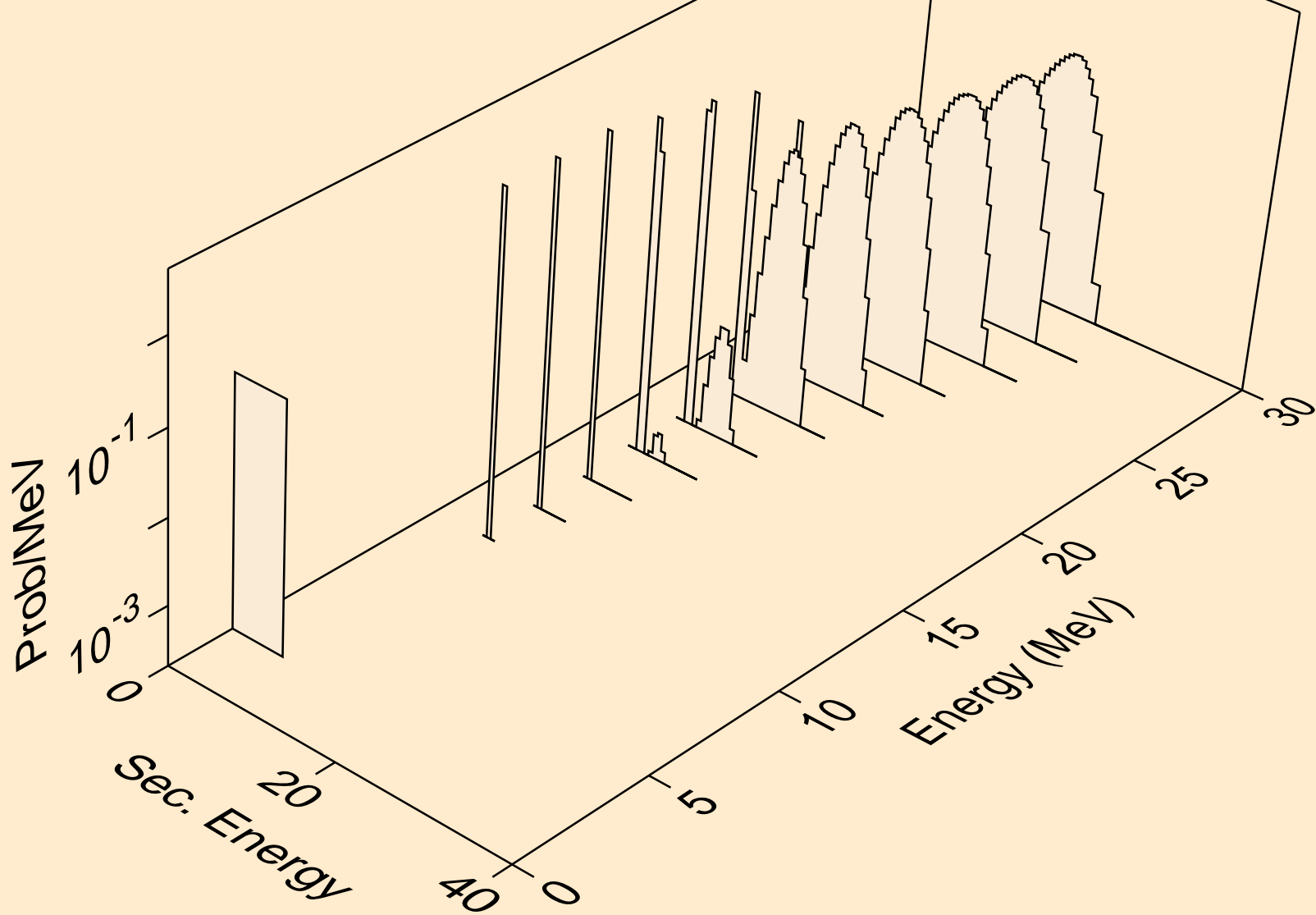
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



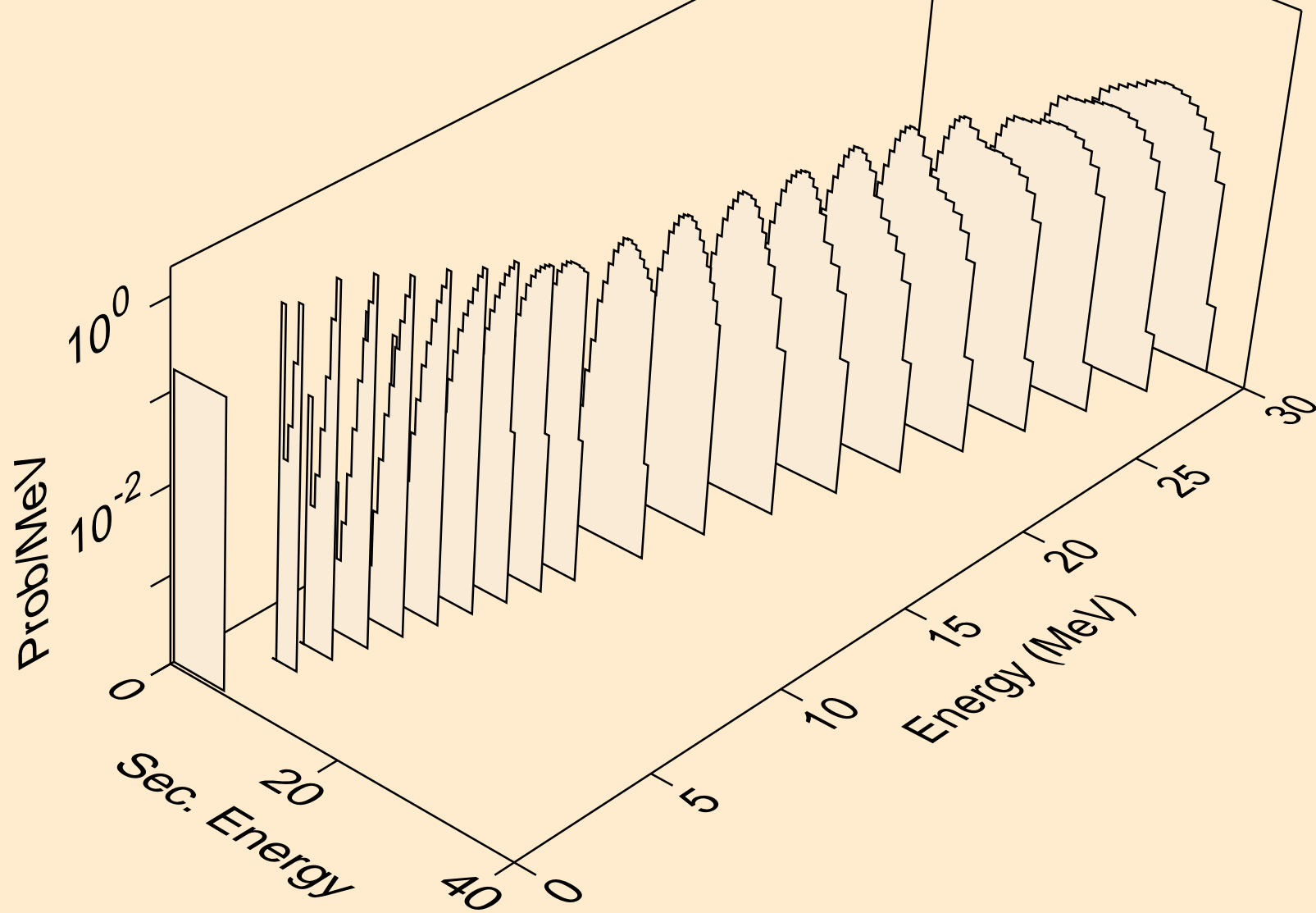
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a



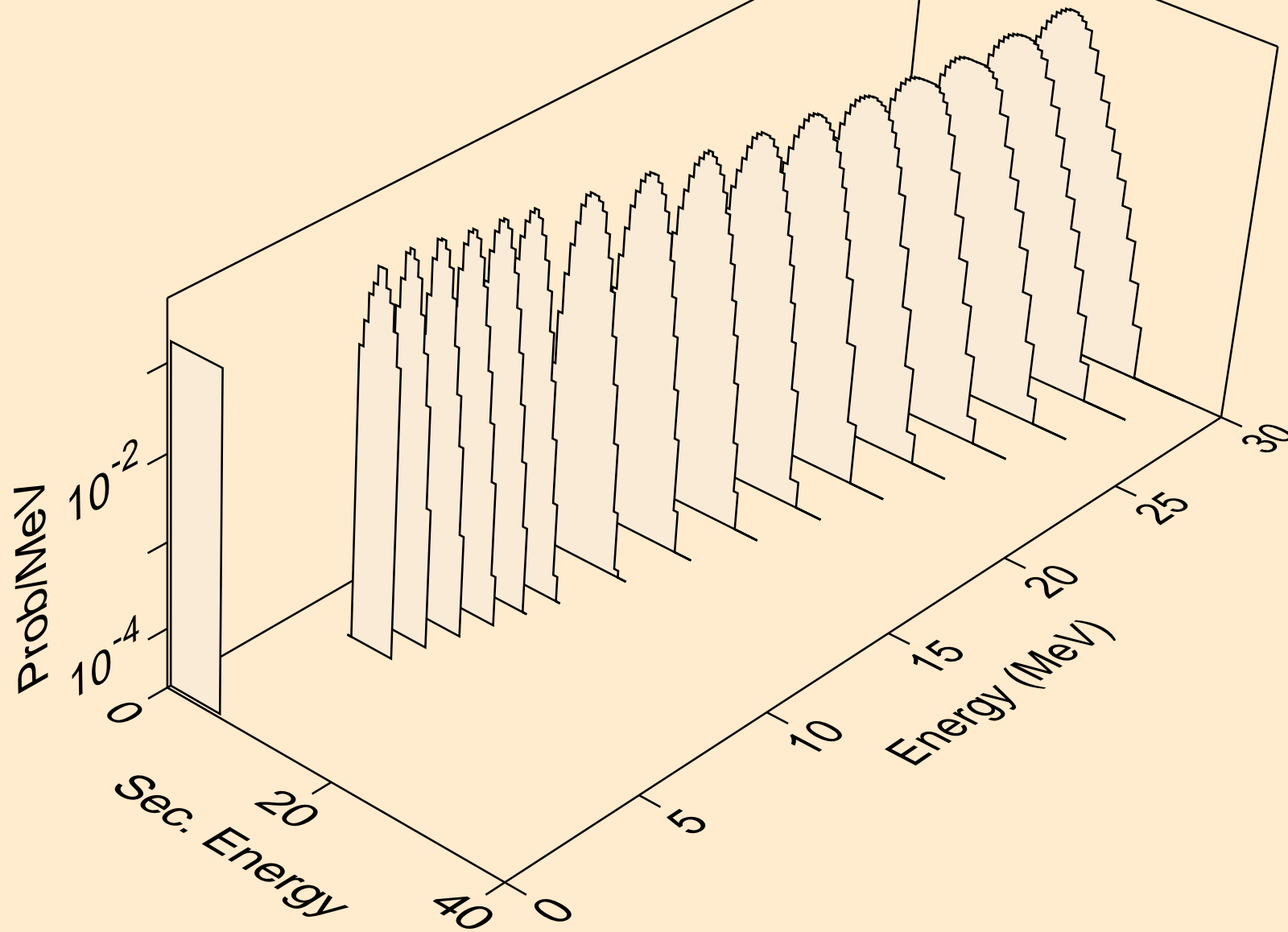
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



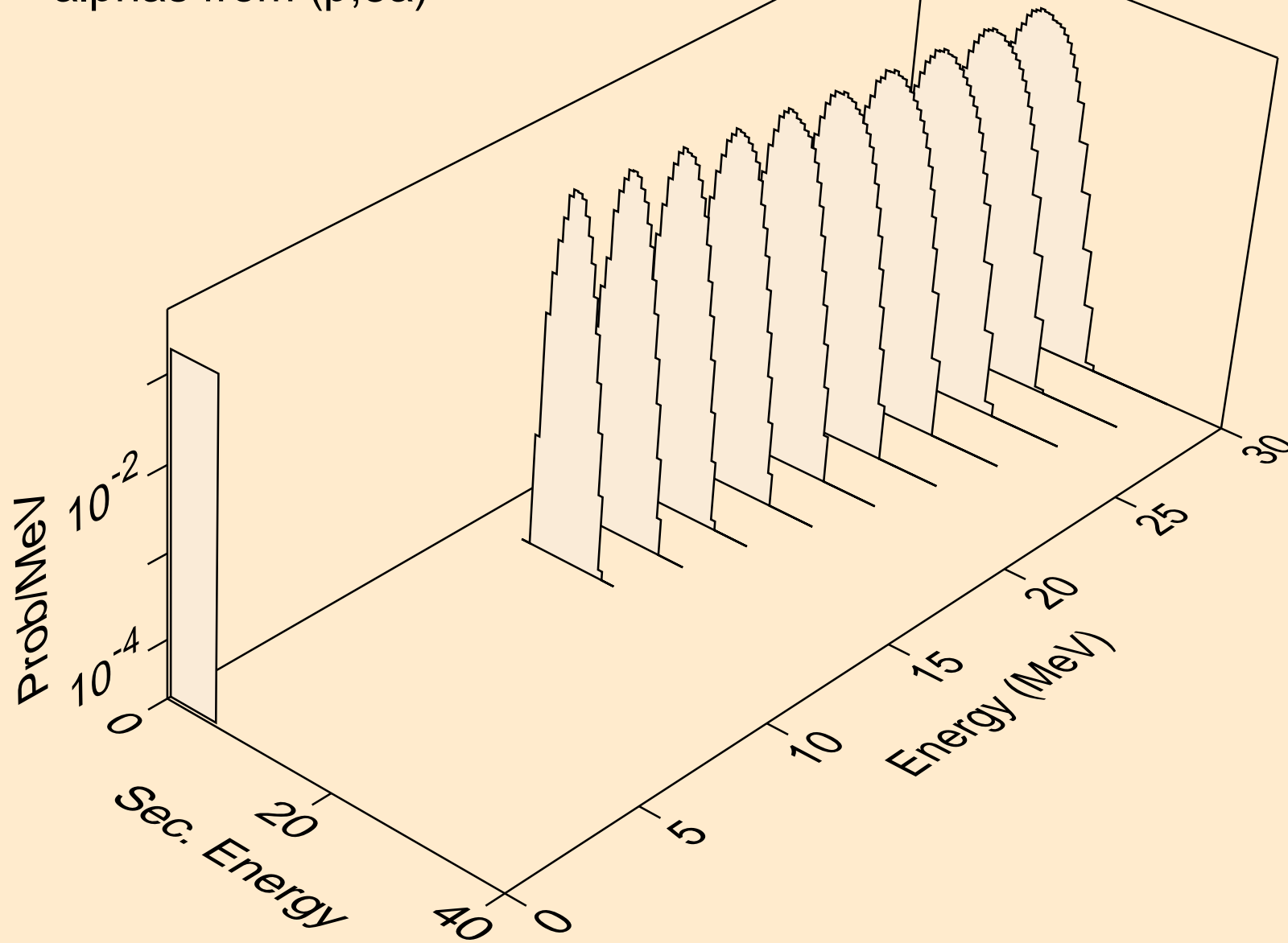
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



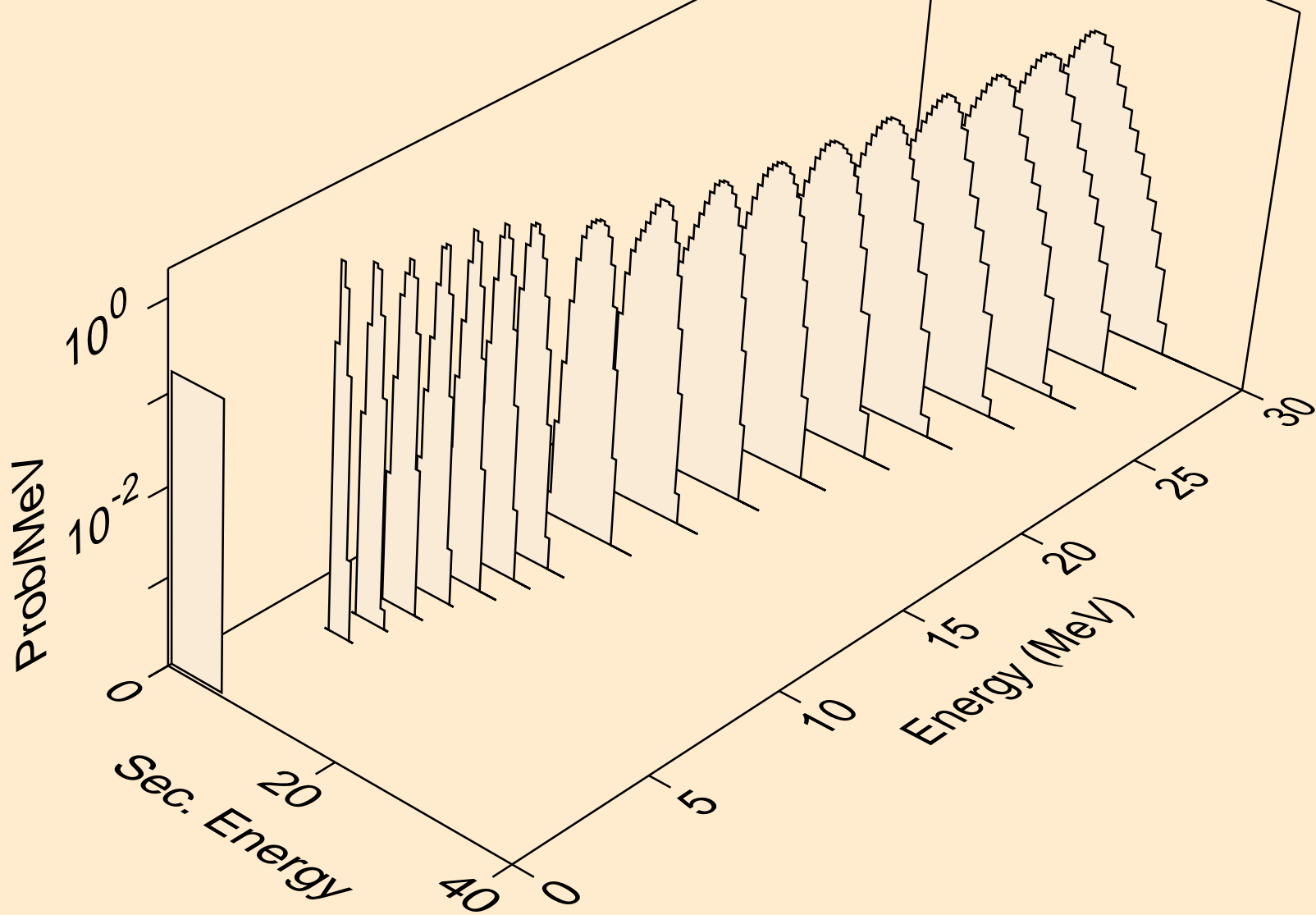
HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3a)



HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



HG183 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

