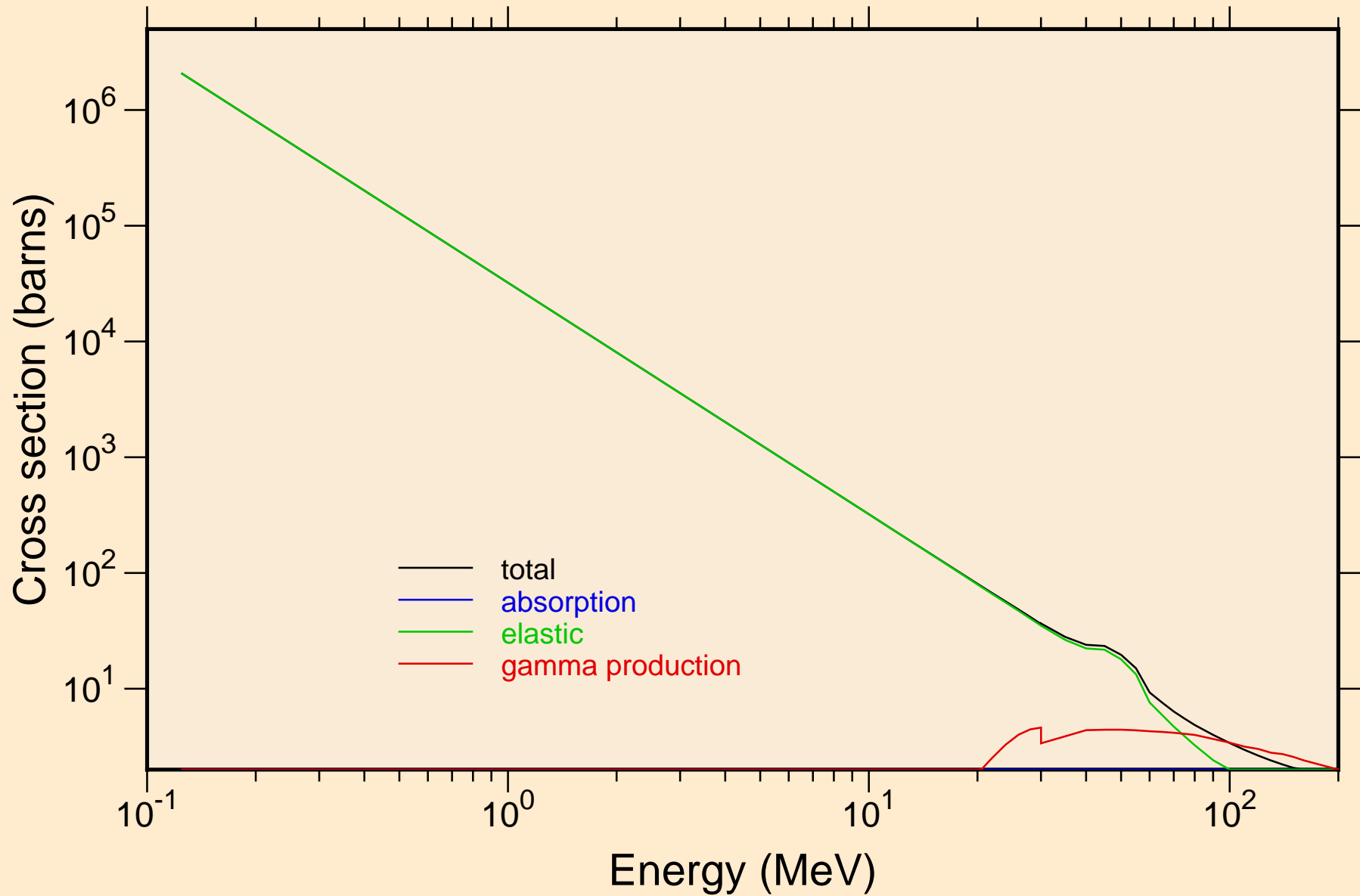
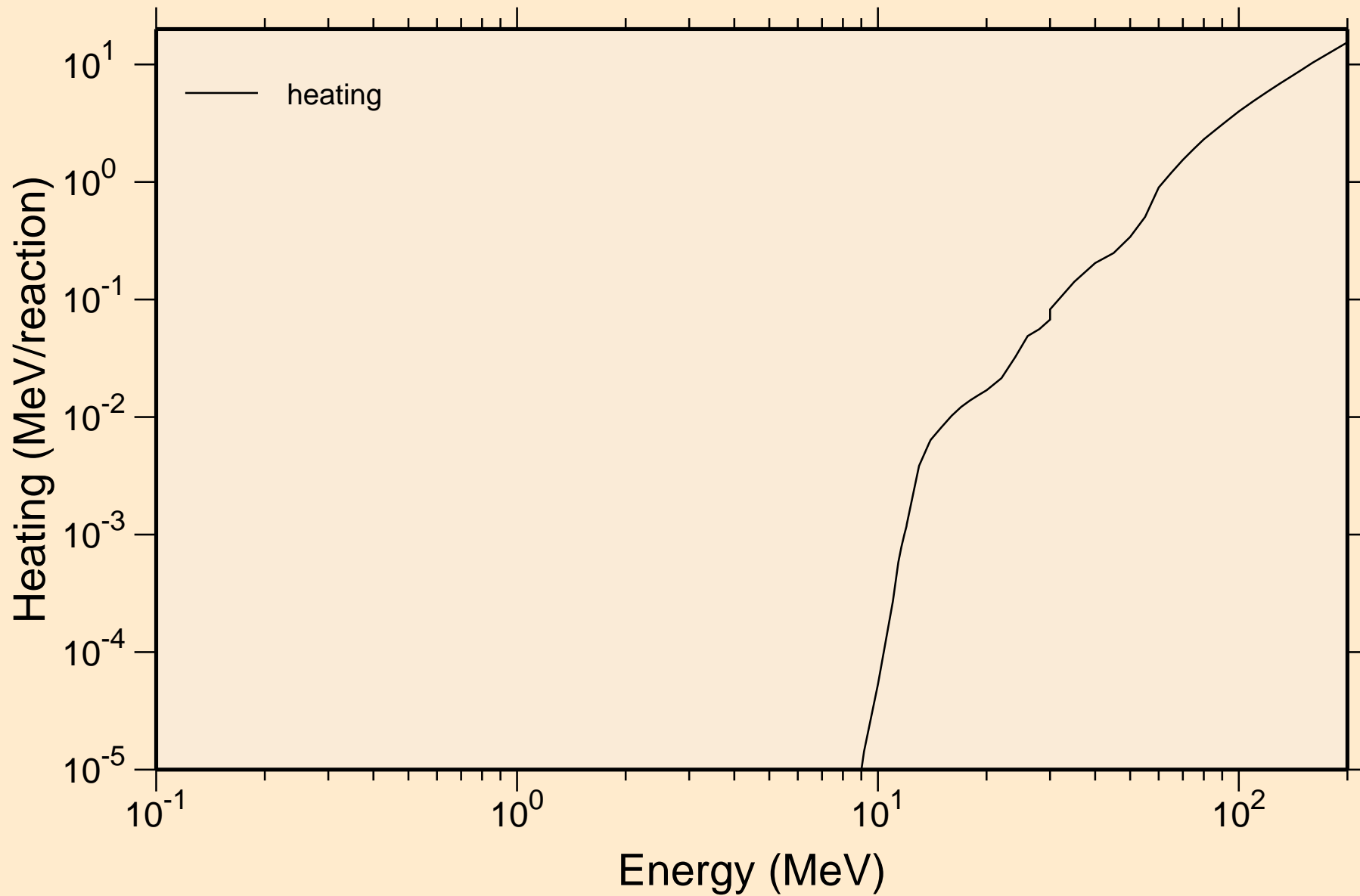


# HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

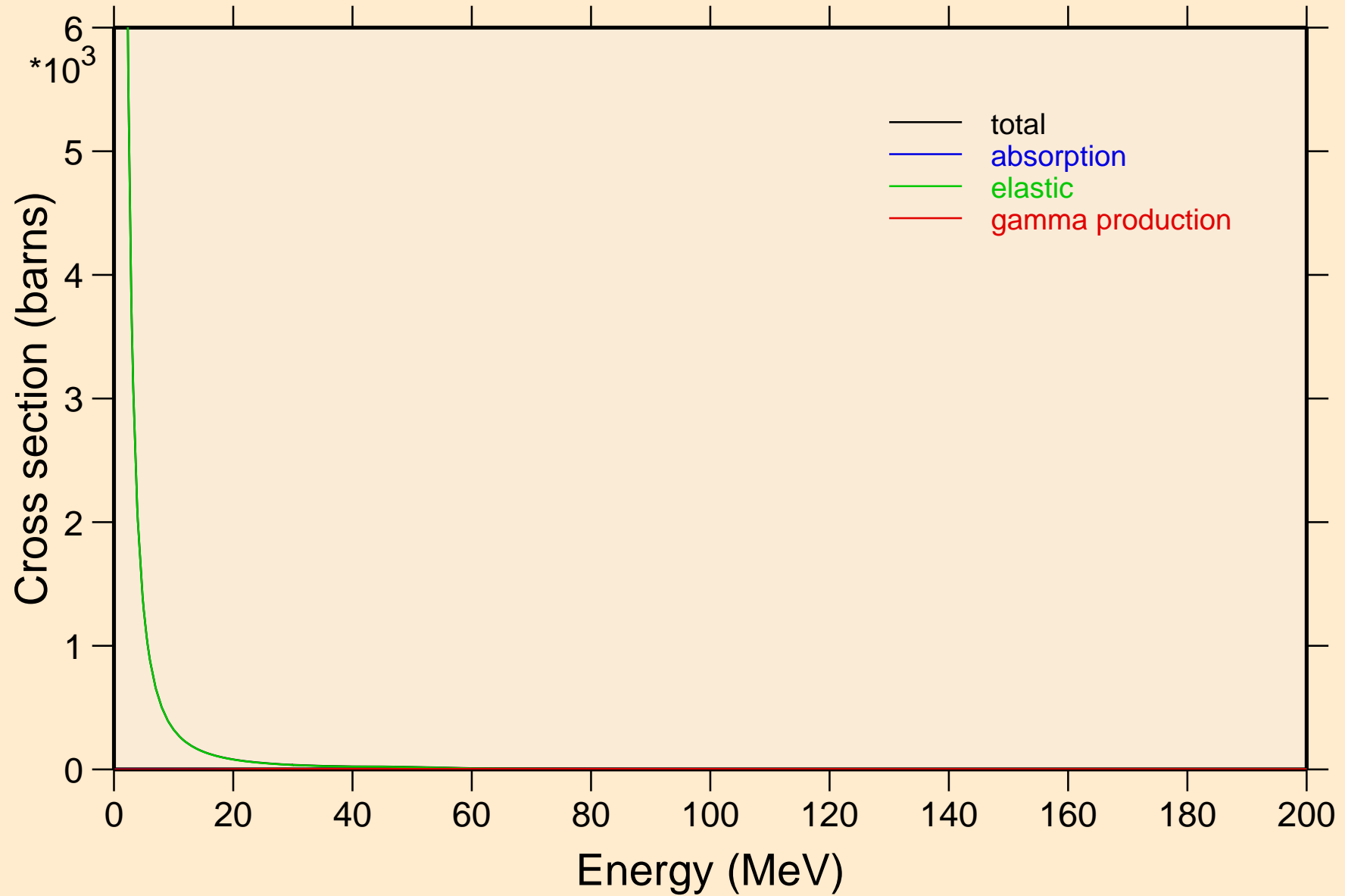


HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



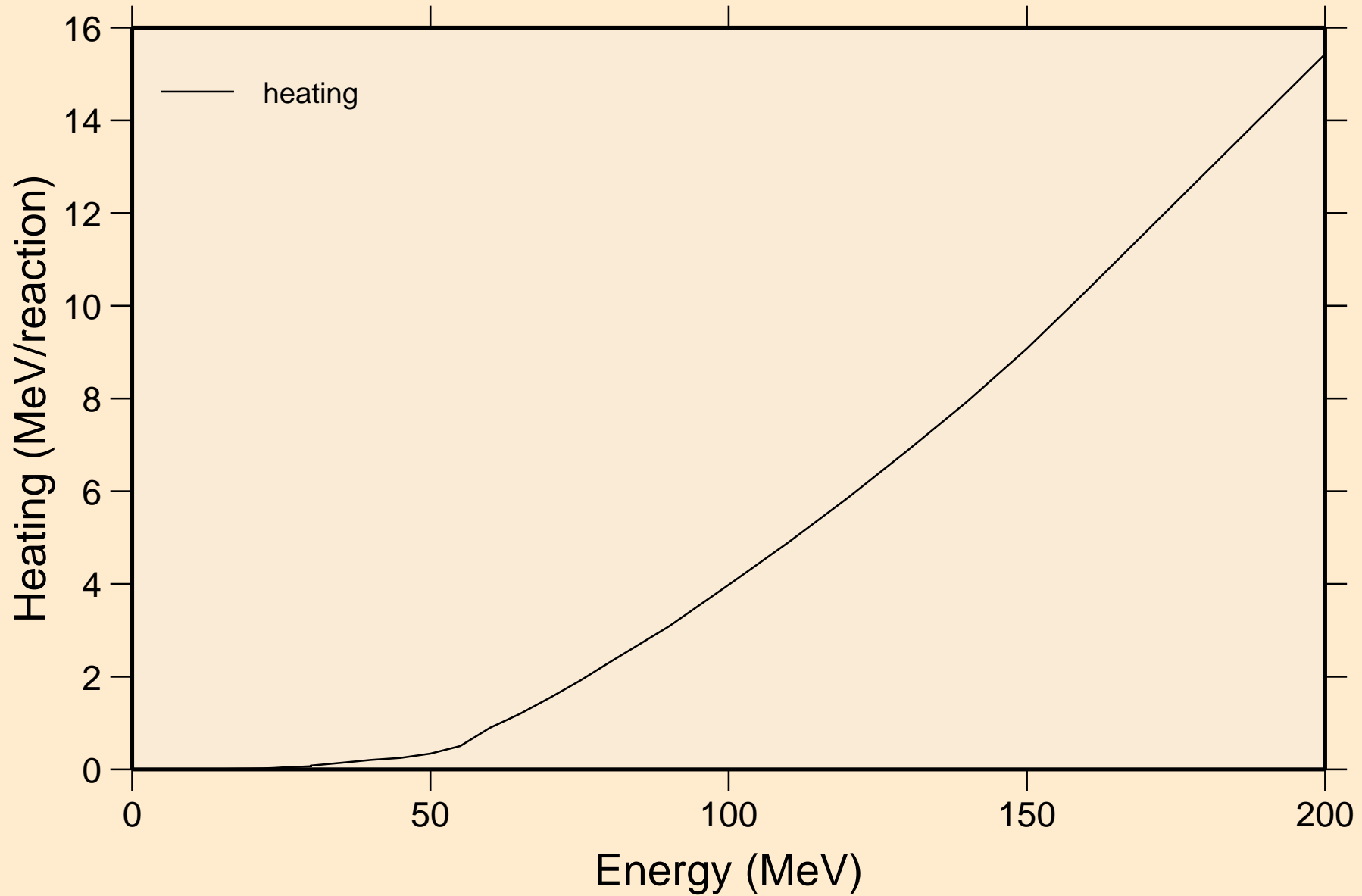
# HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



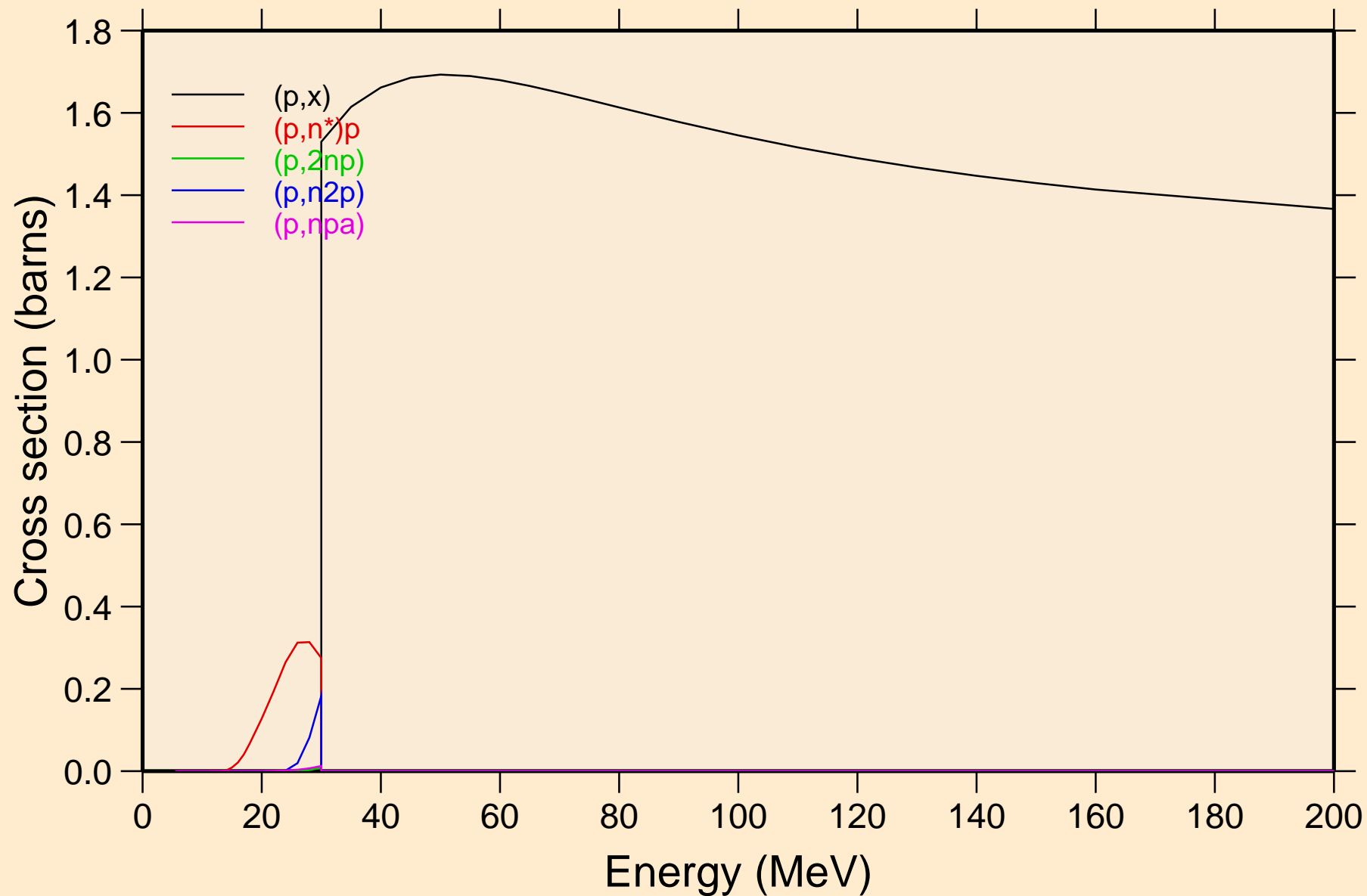
# HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



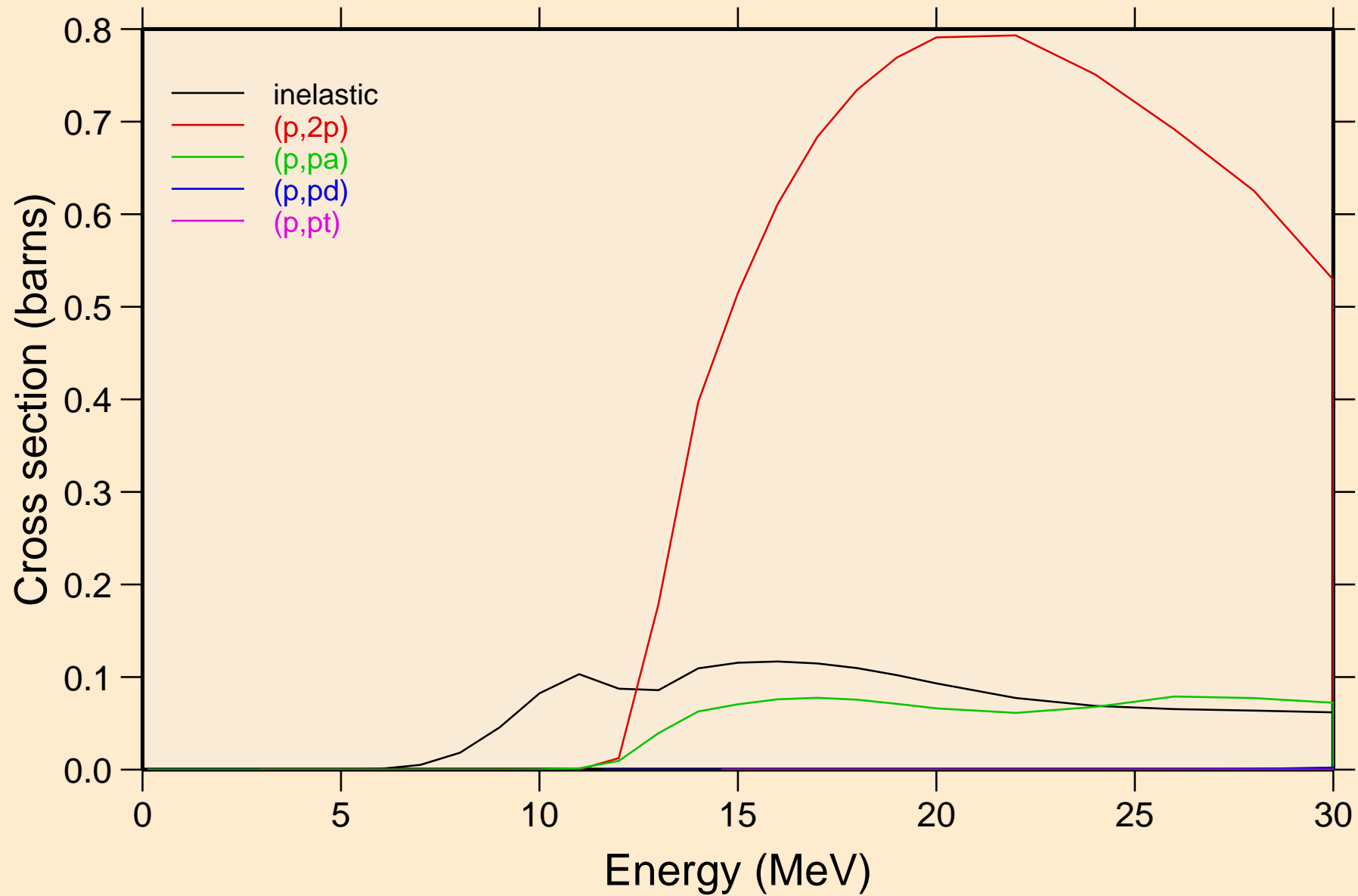
# HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

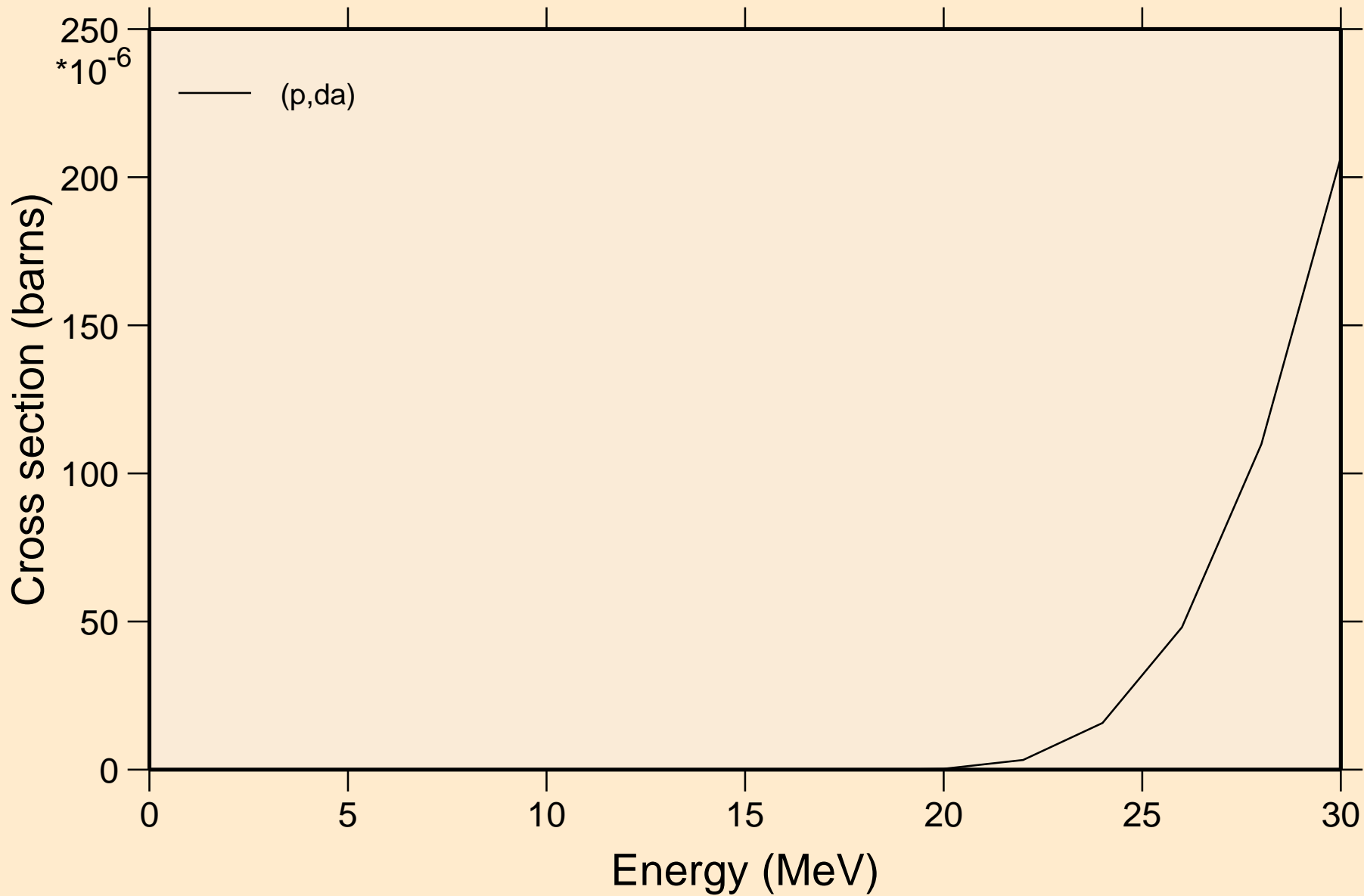


# HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K

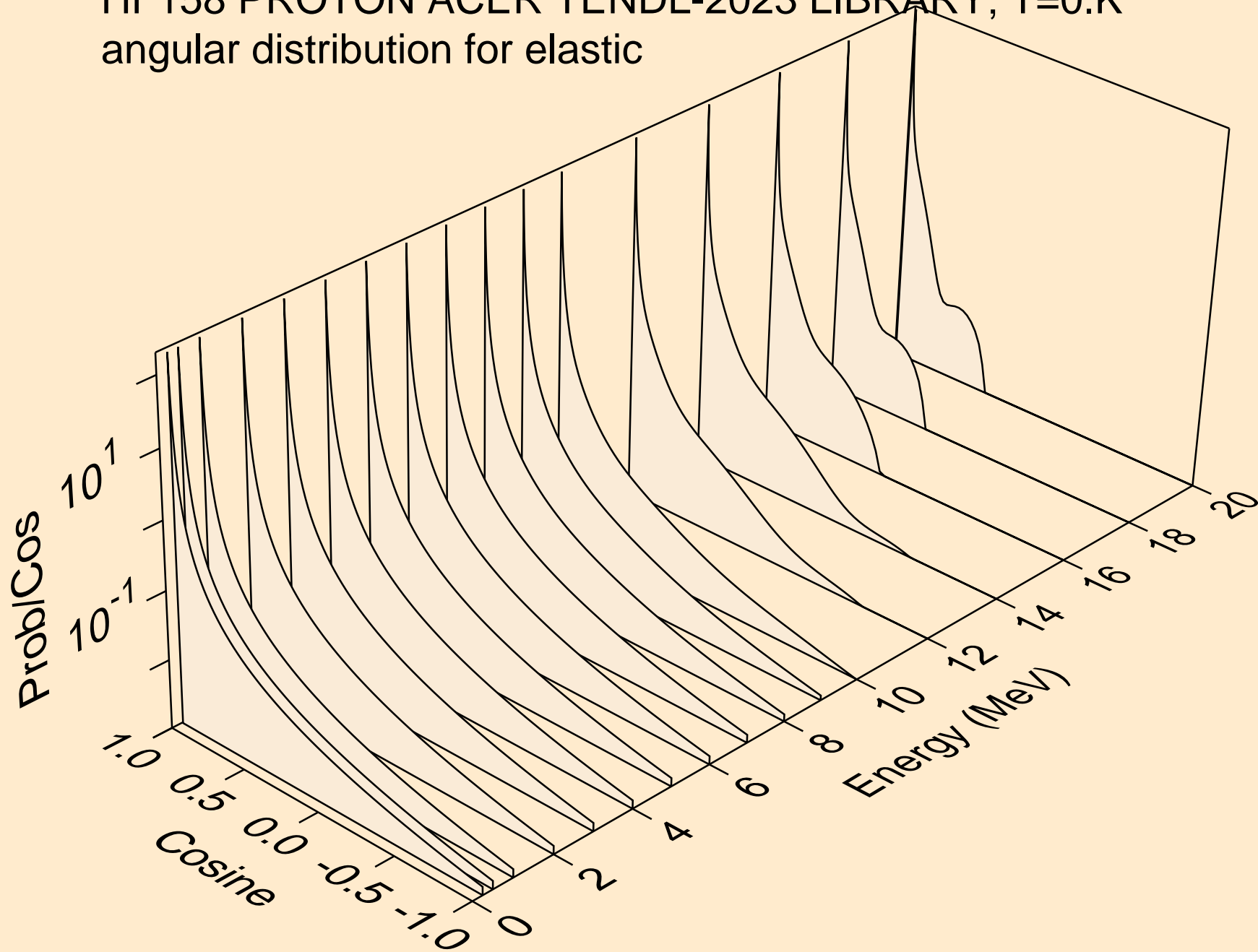
## Threshold reactions



HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

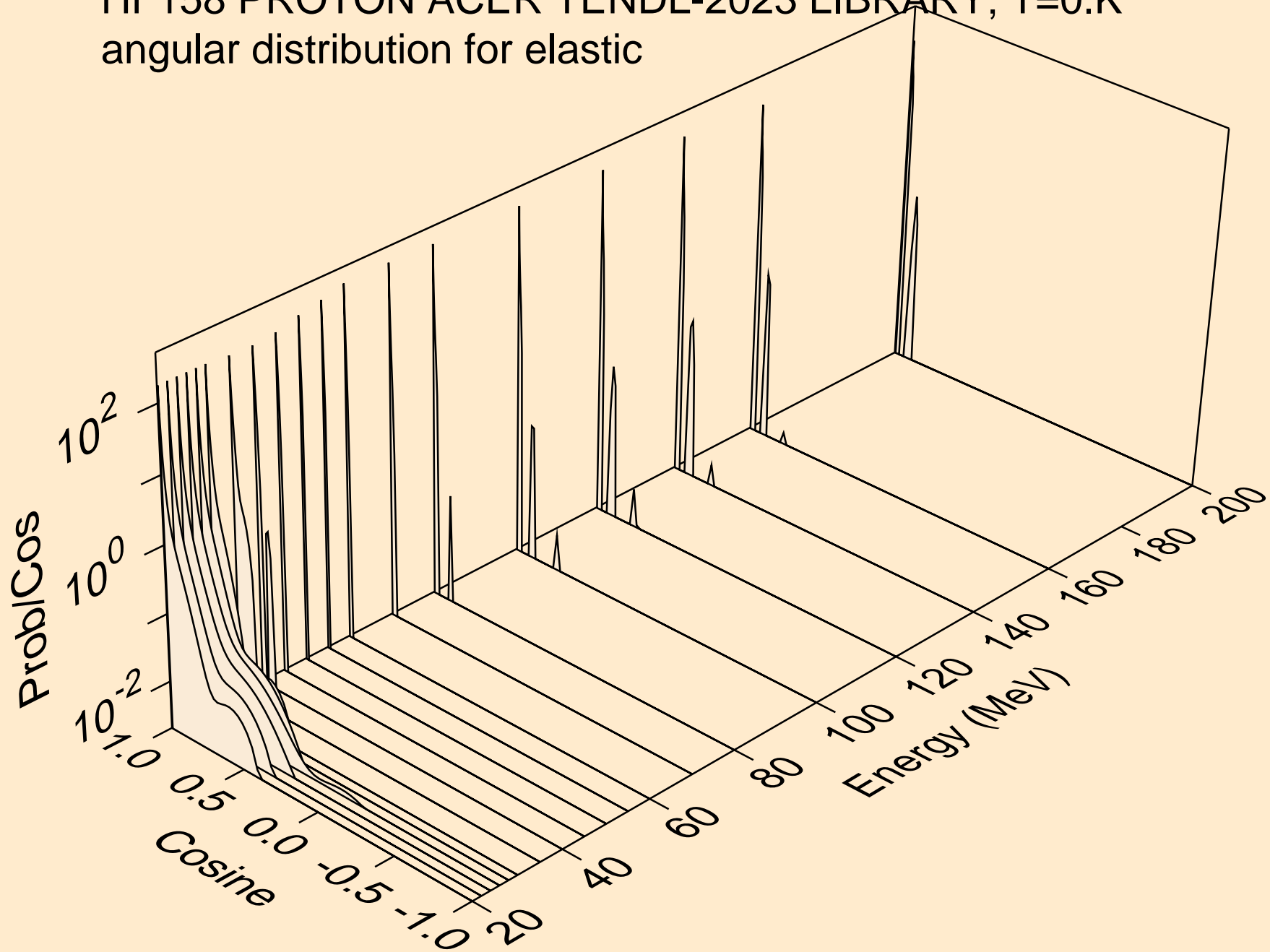


HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

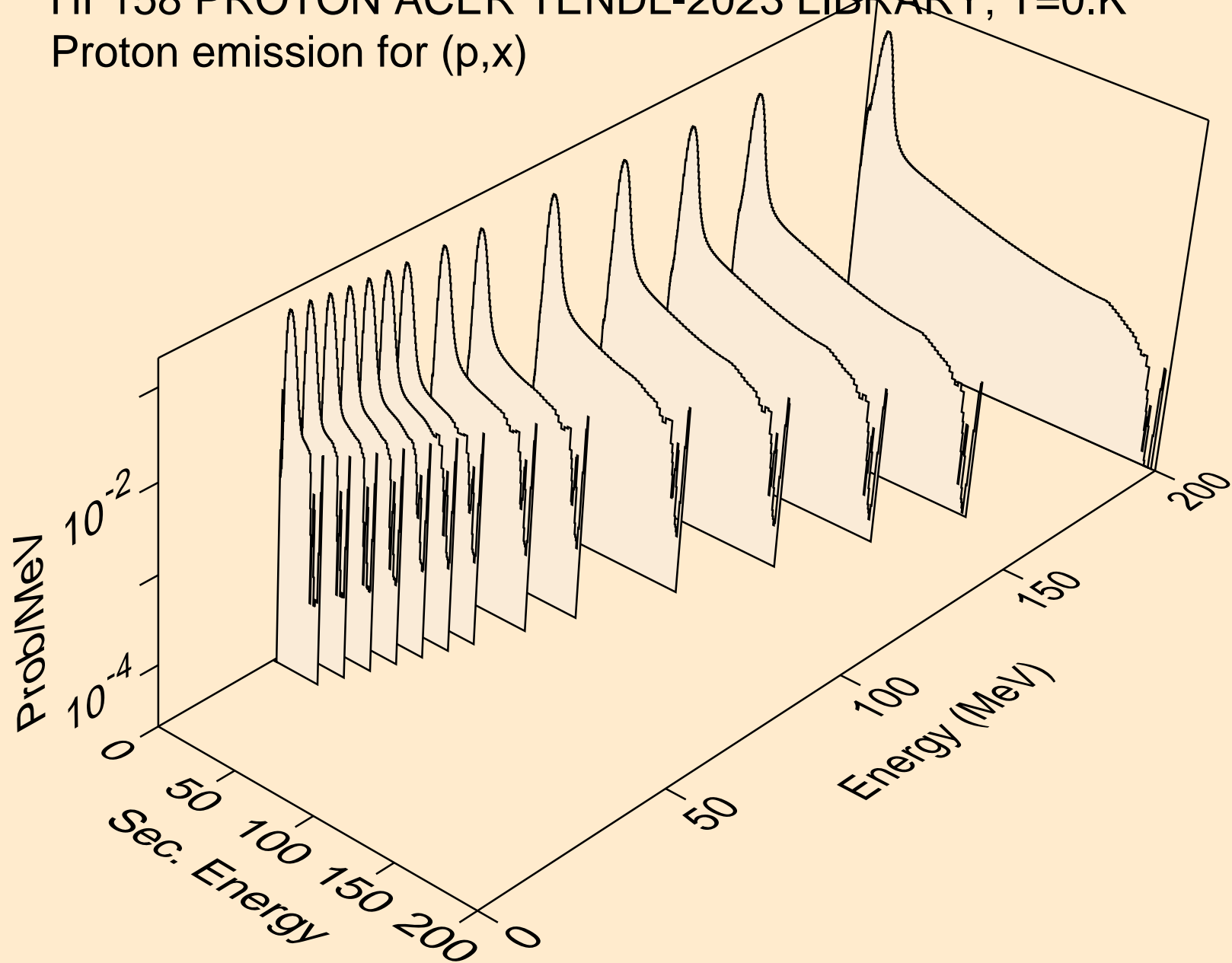




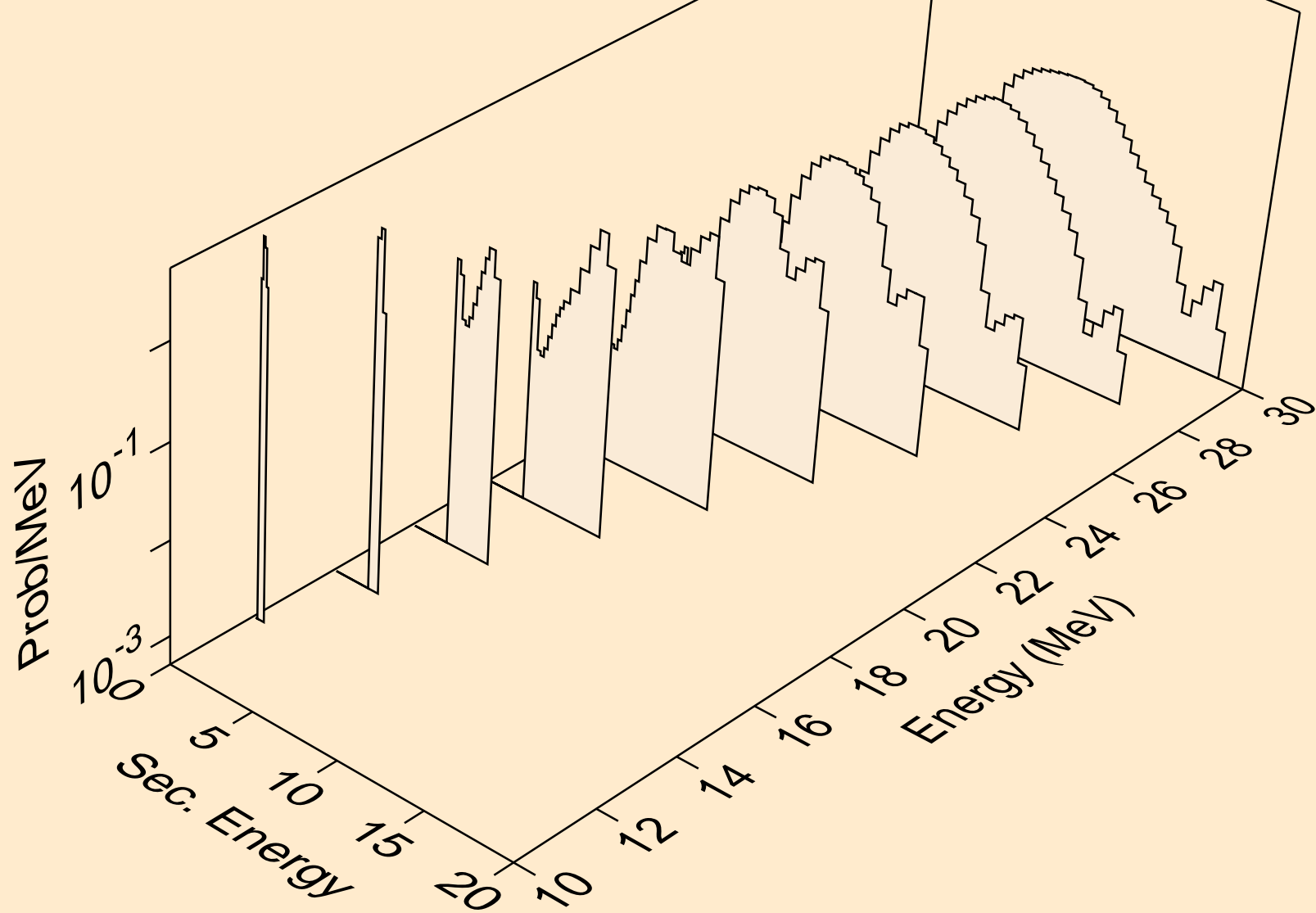
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



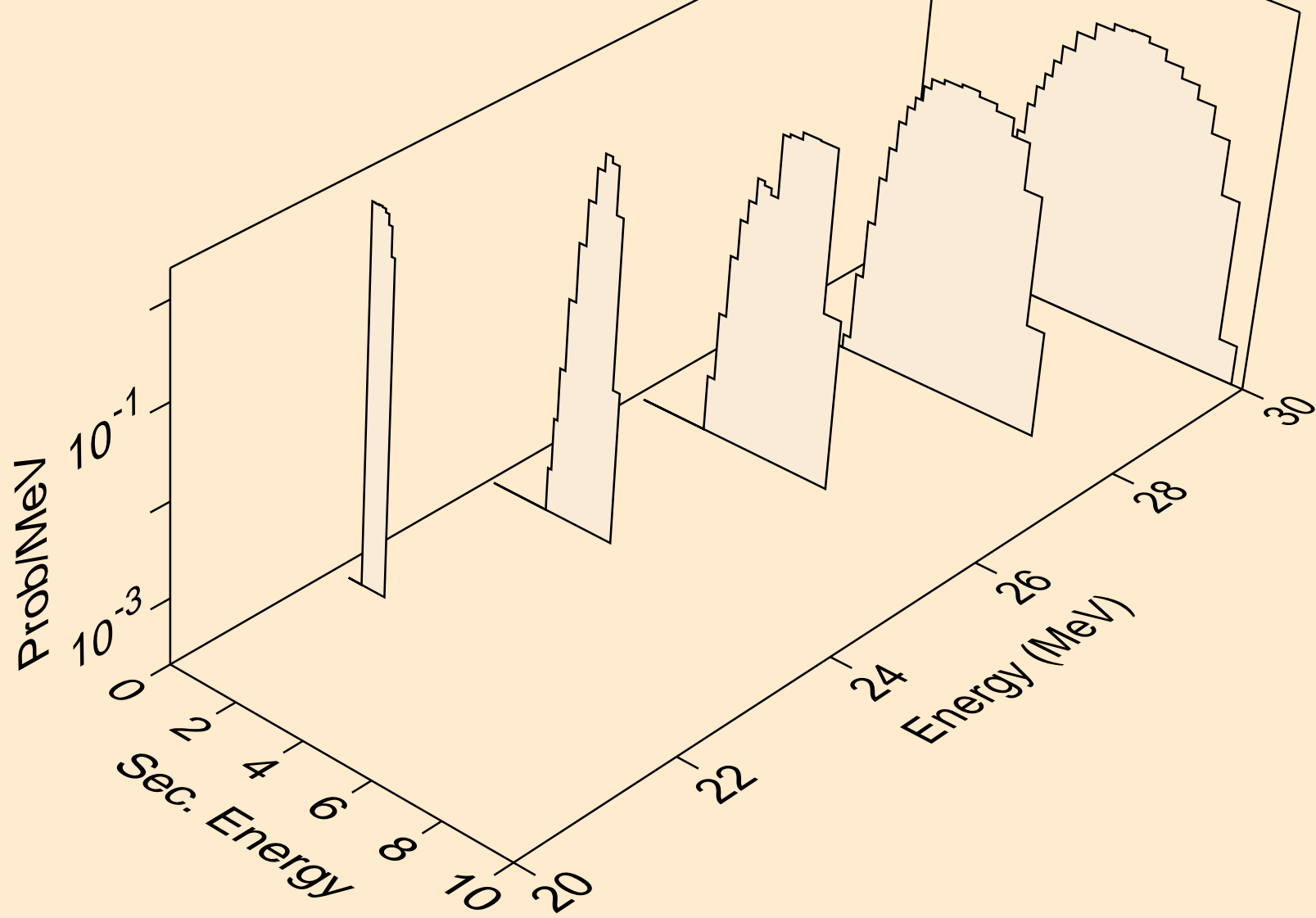
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



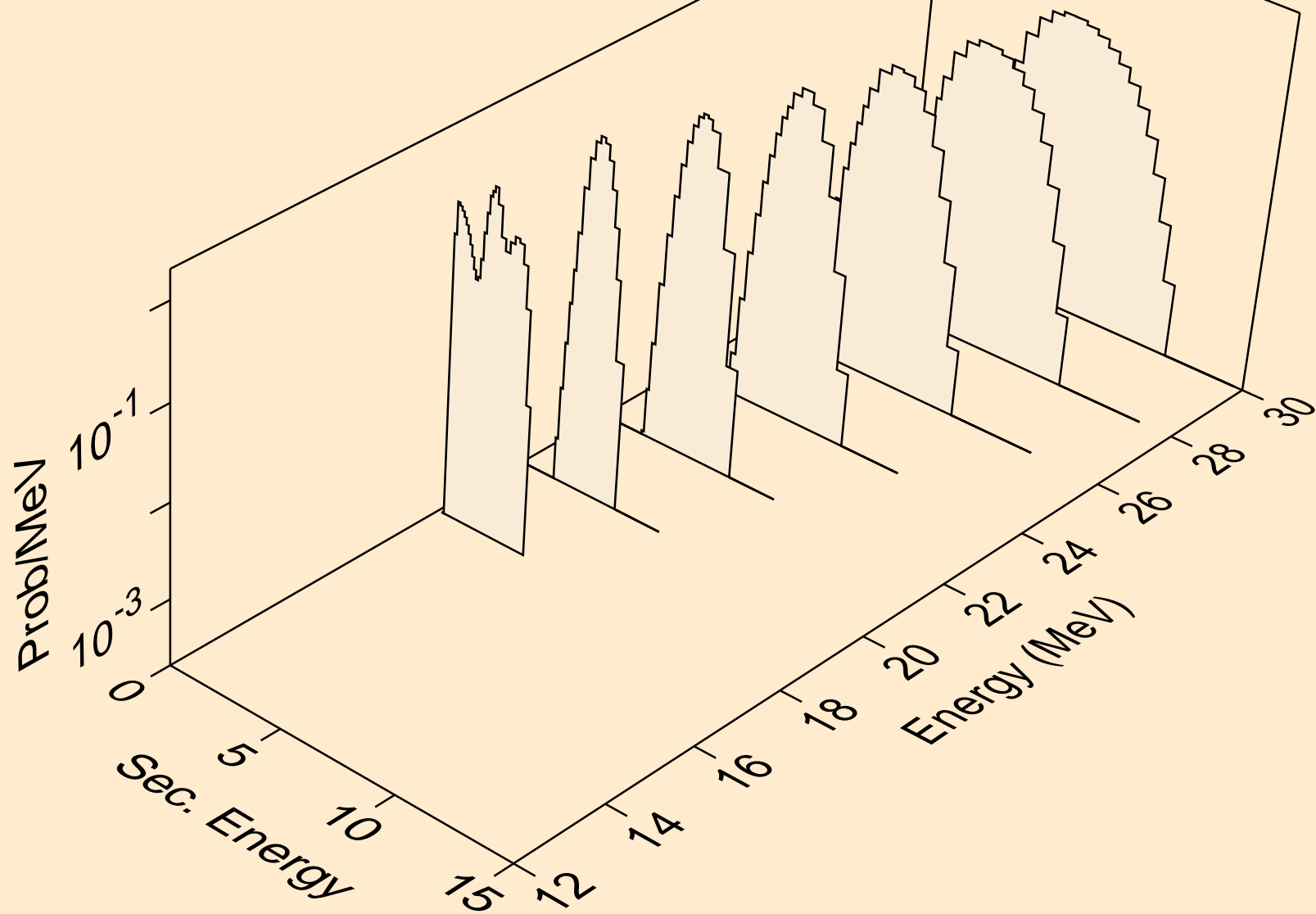
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



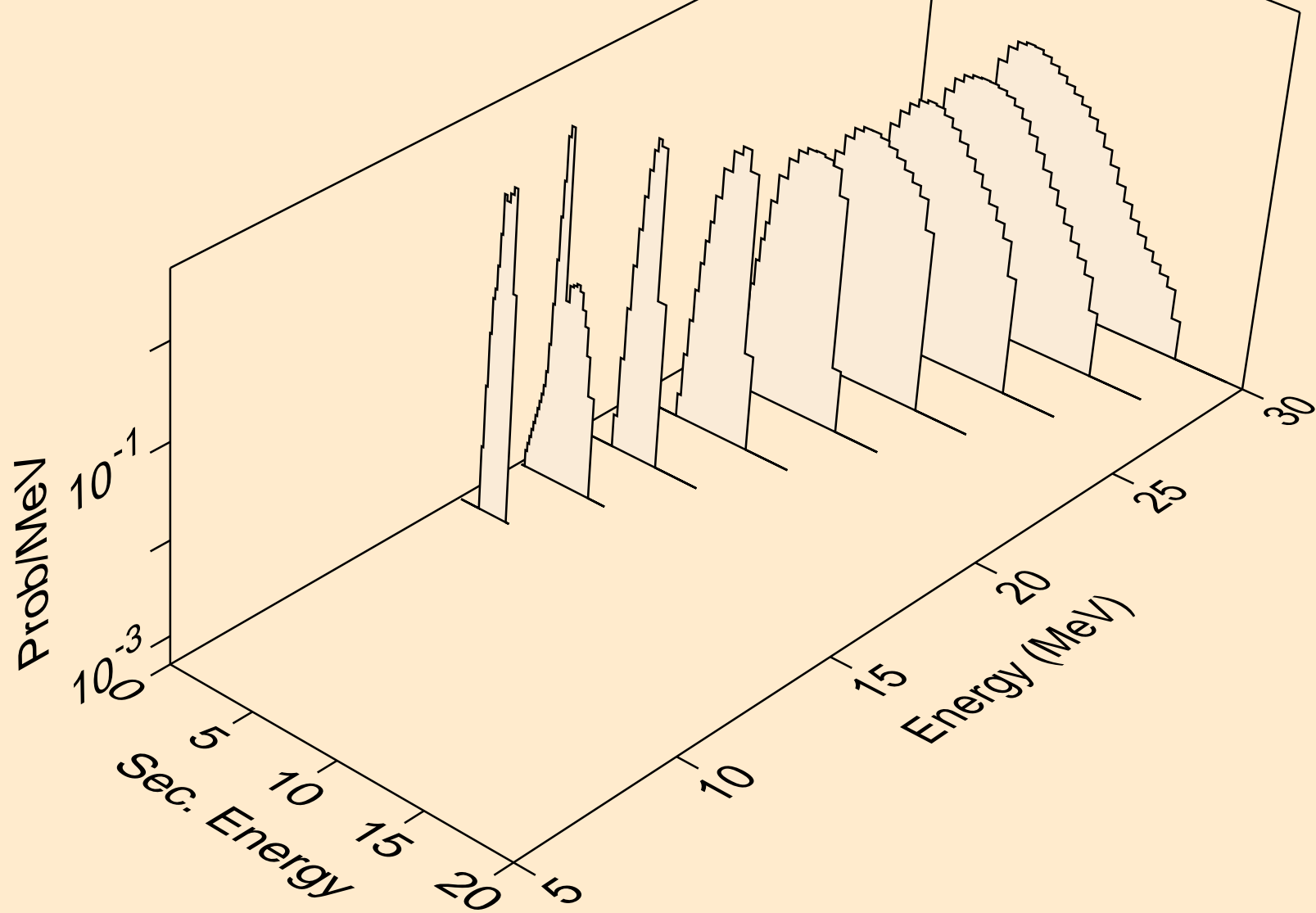
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



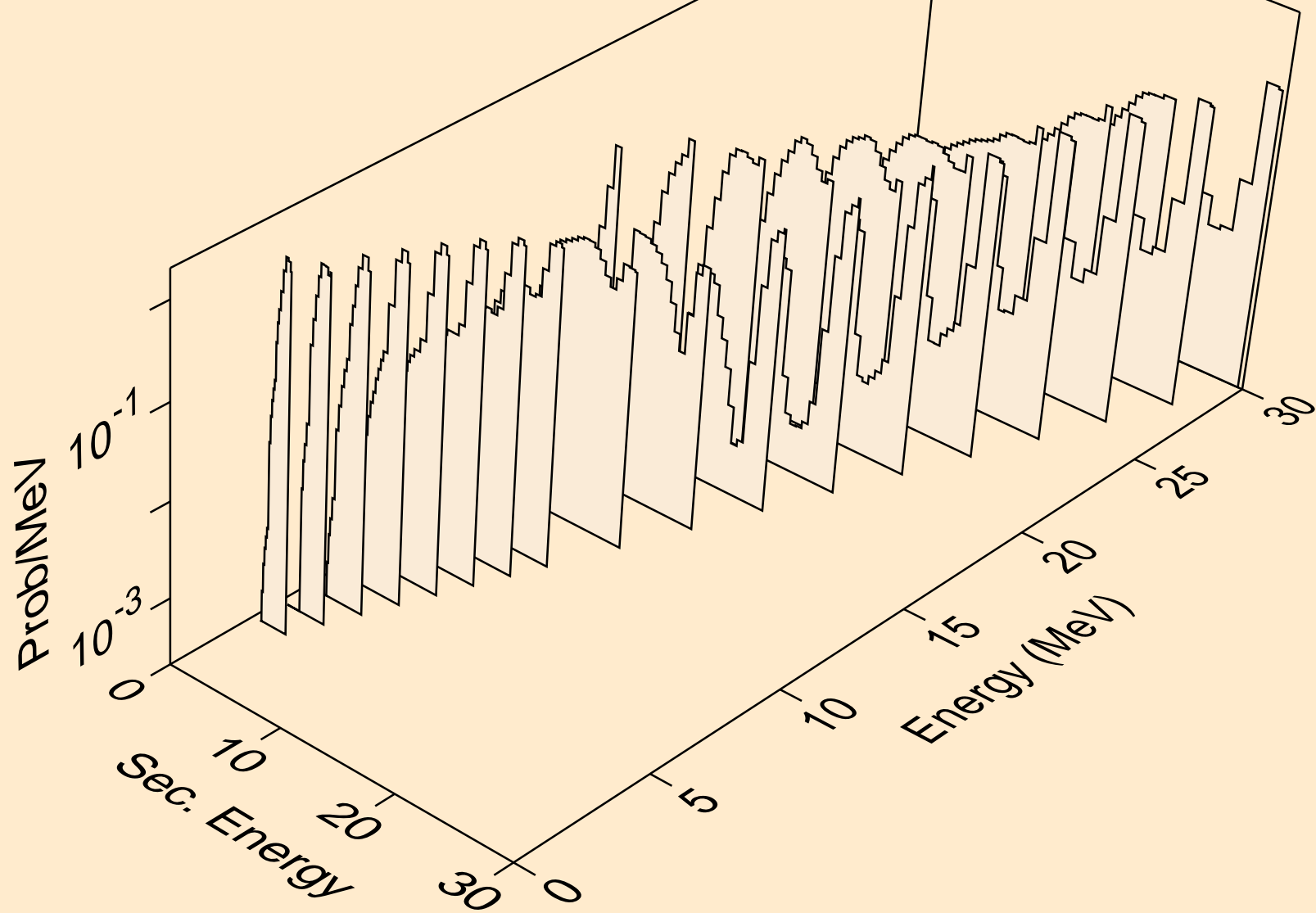
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



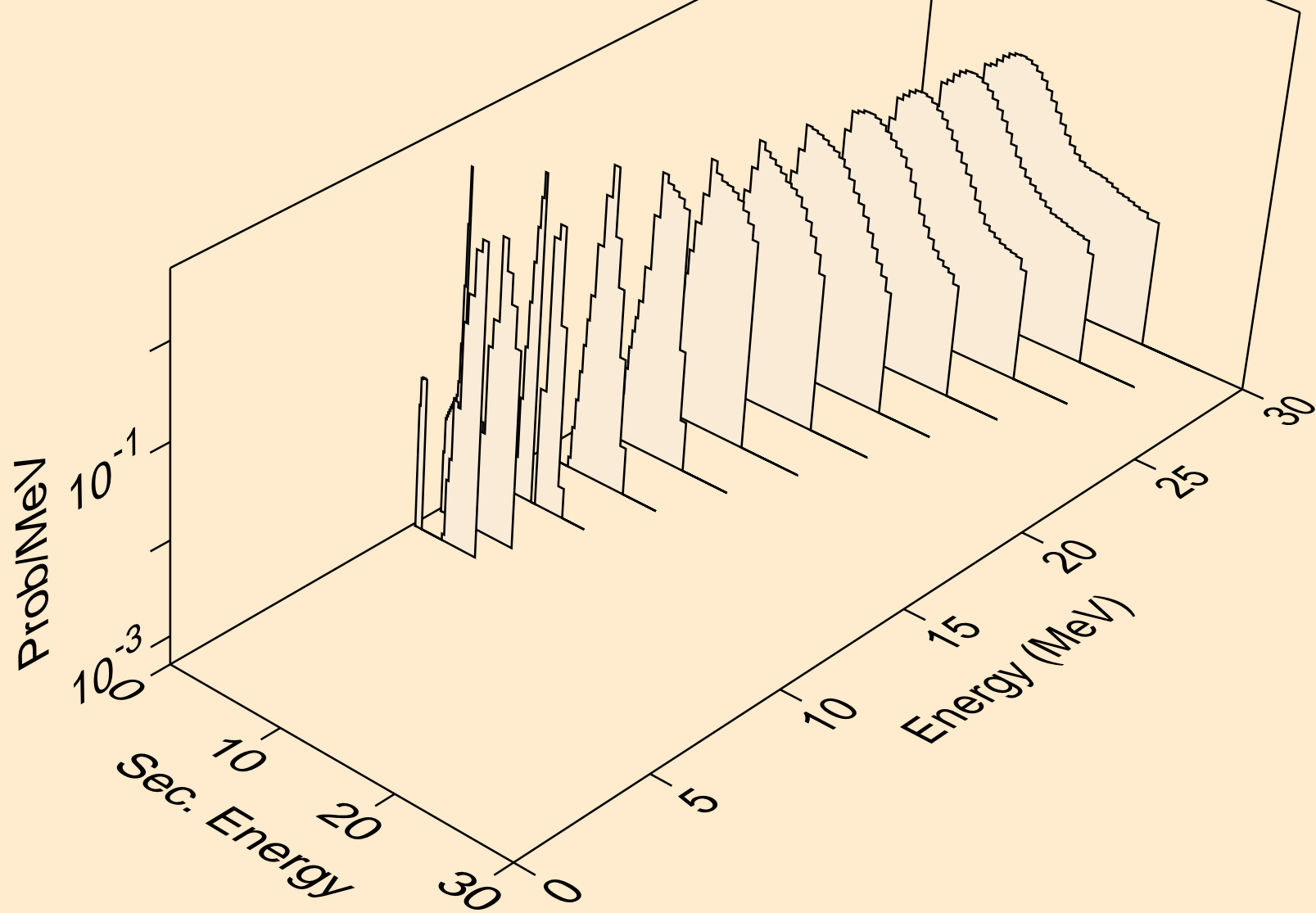
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

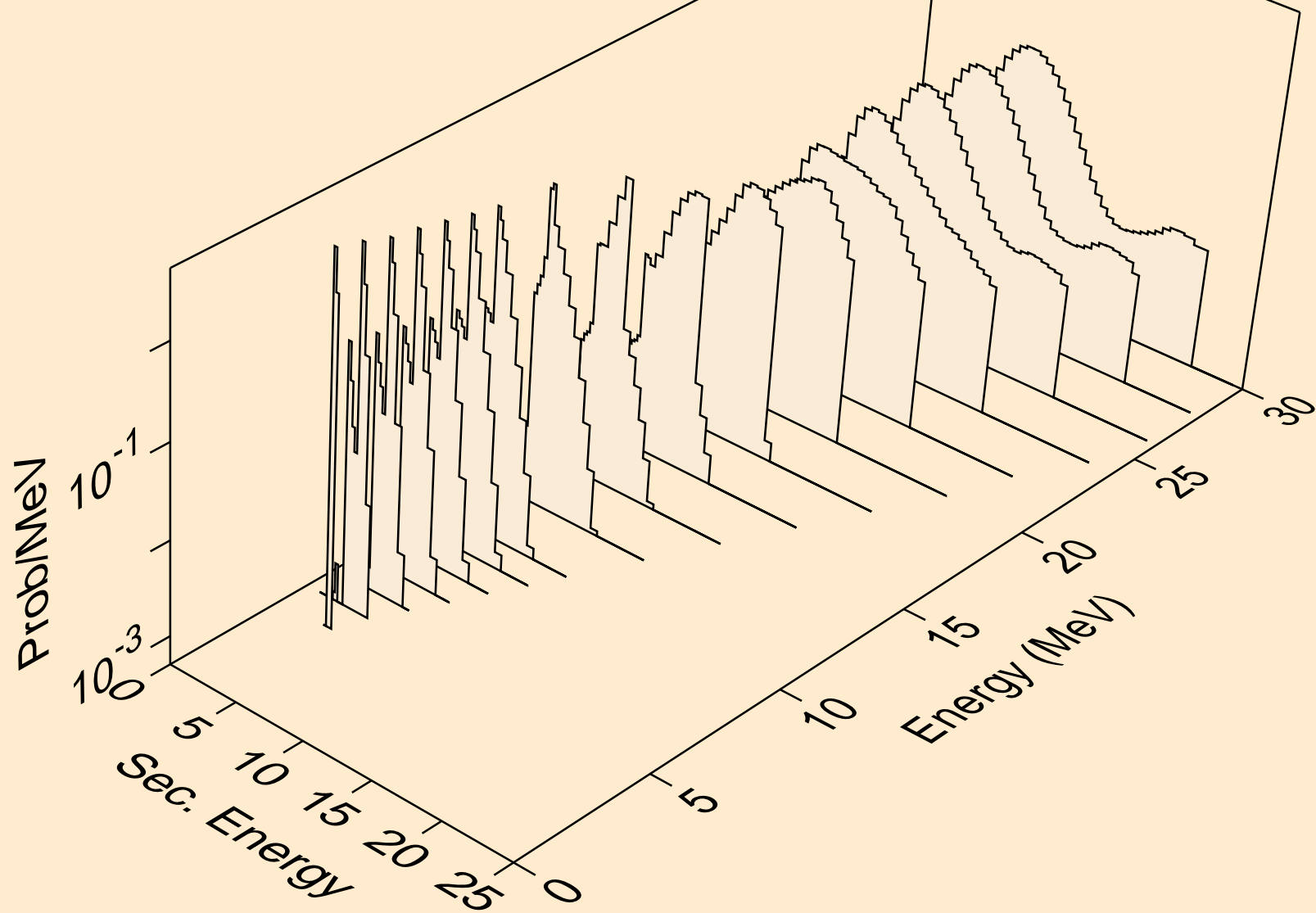


HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

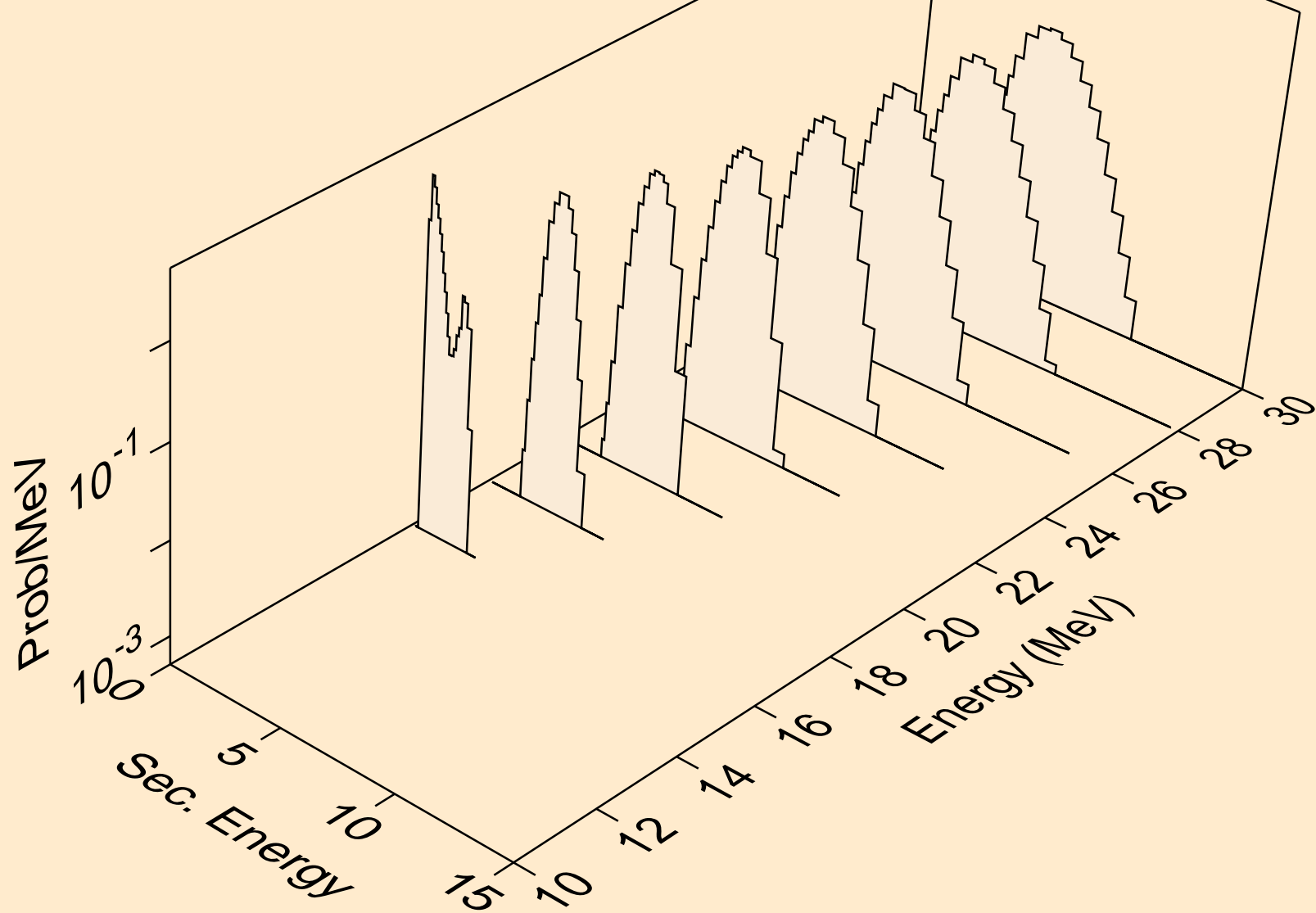




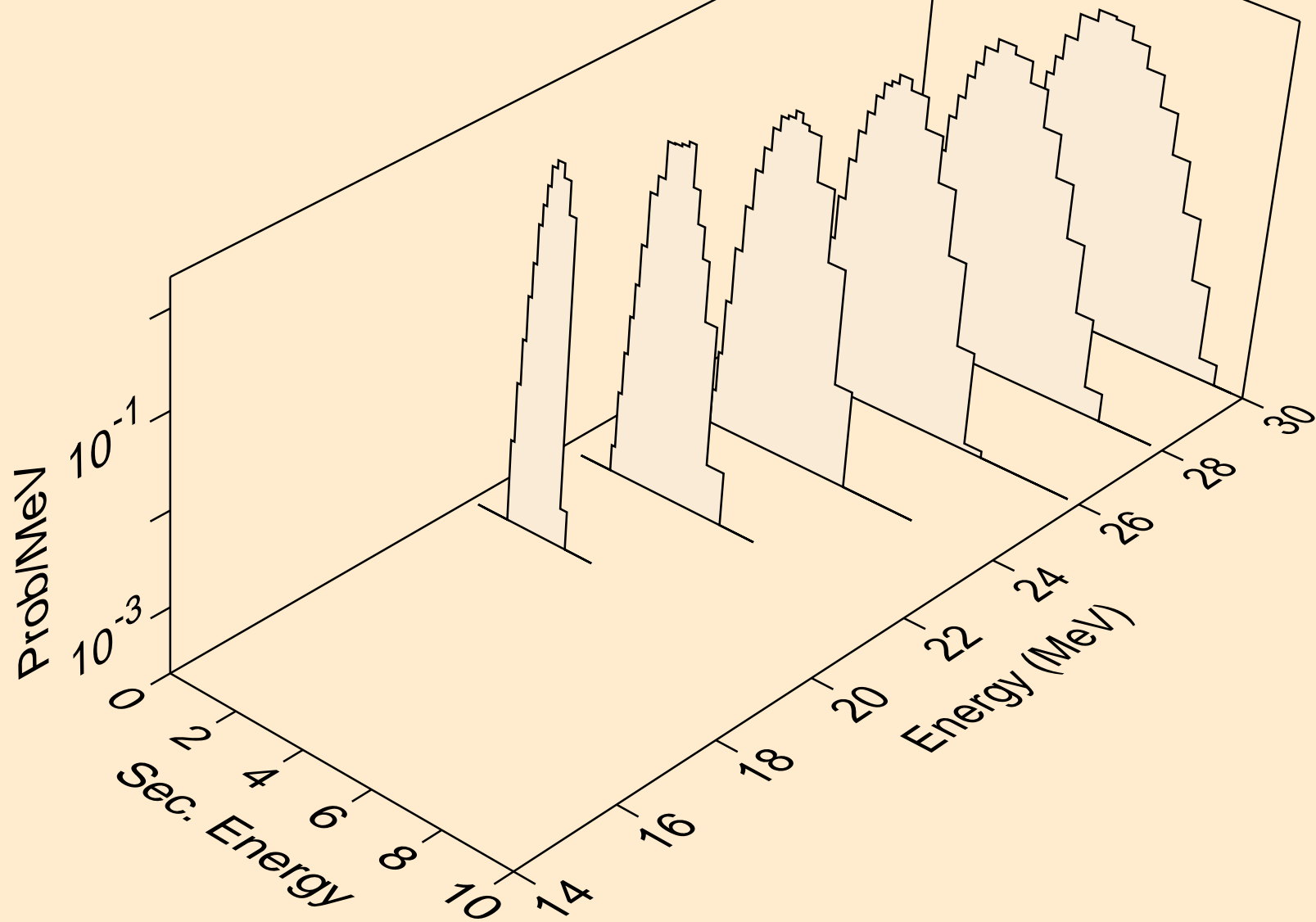
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



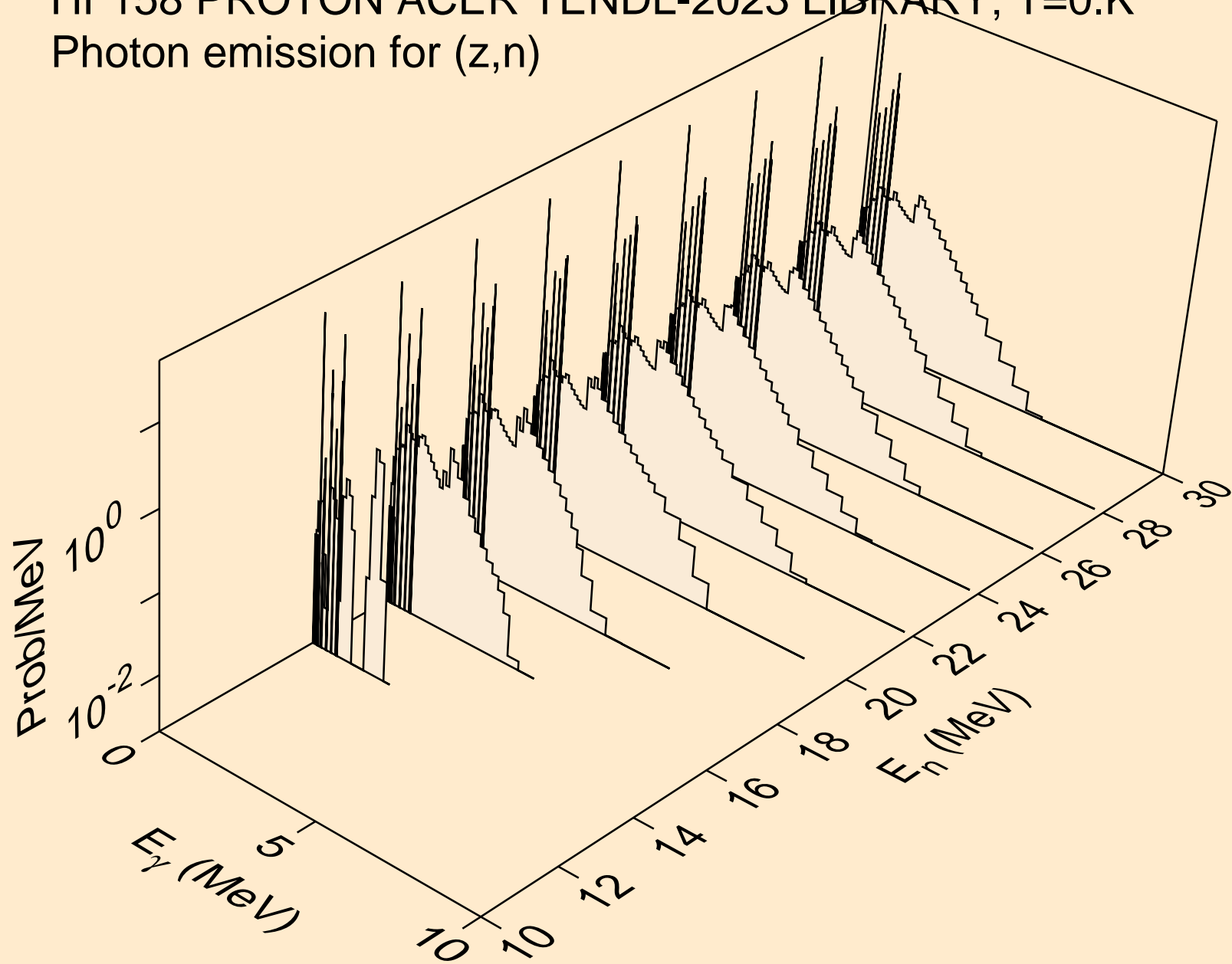
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



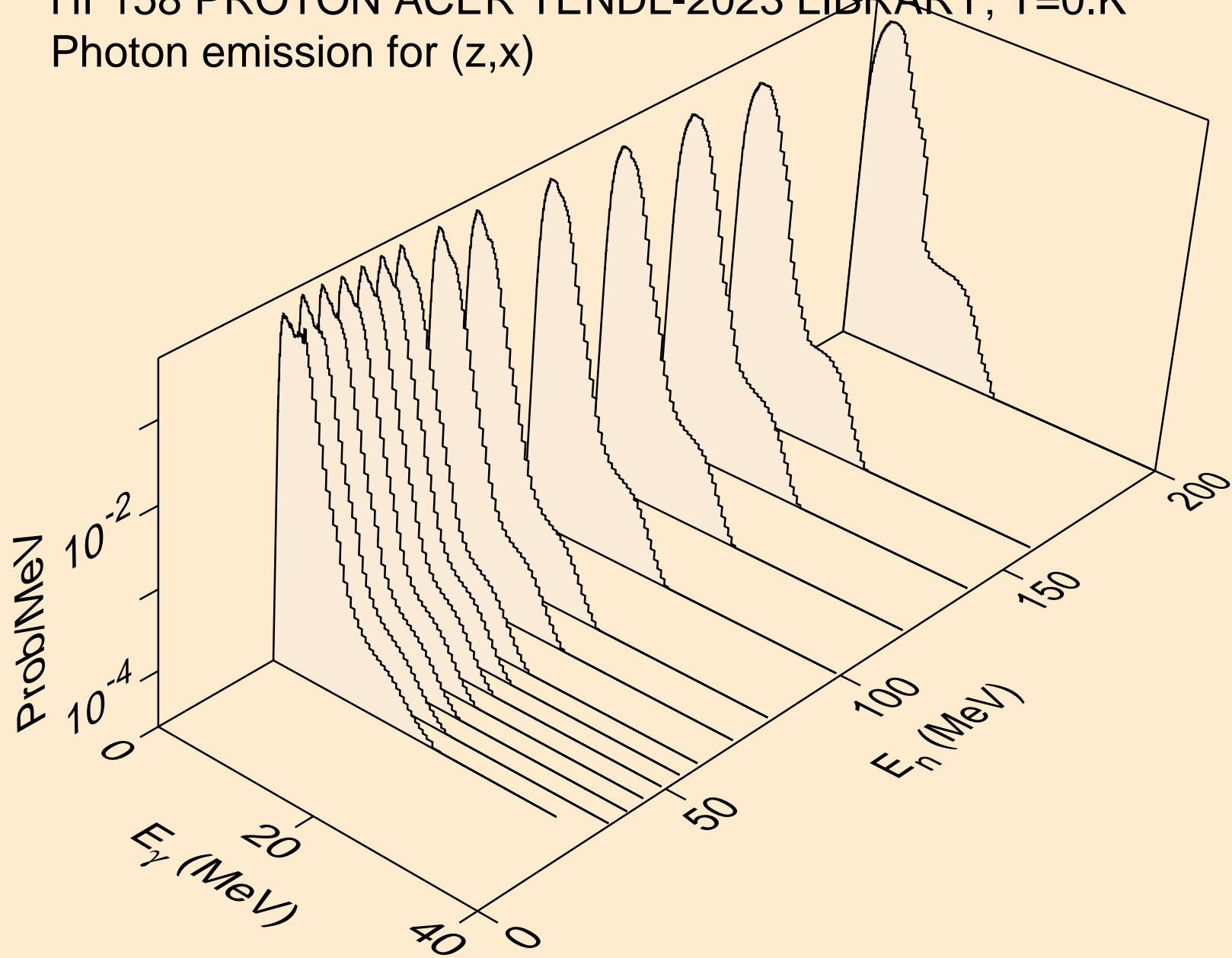
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



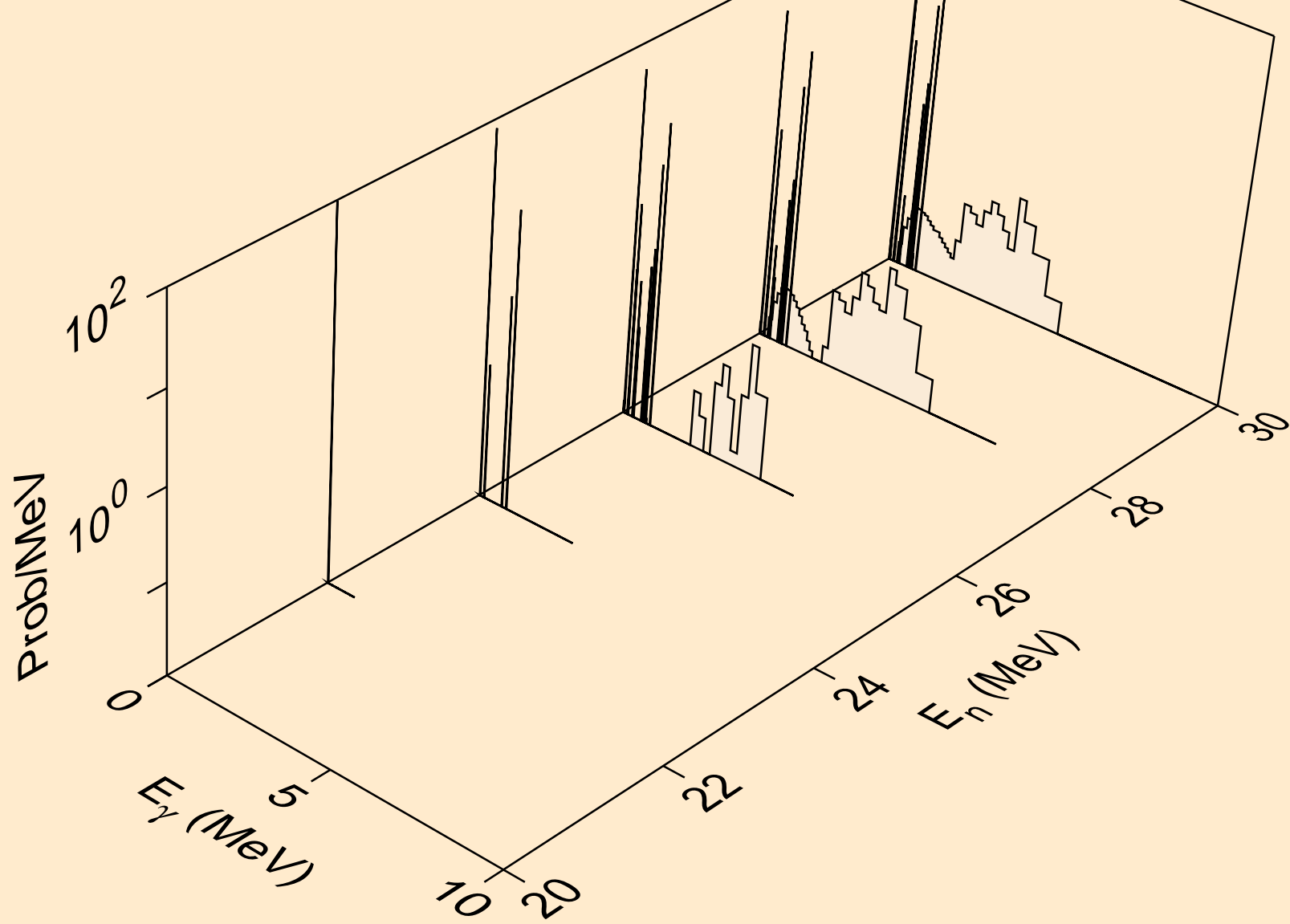
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



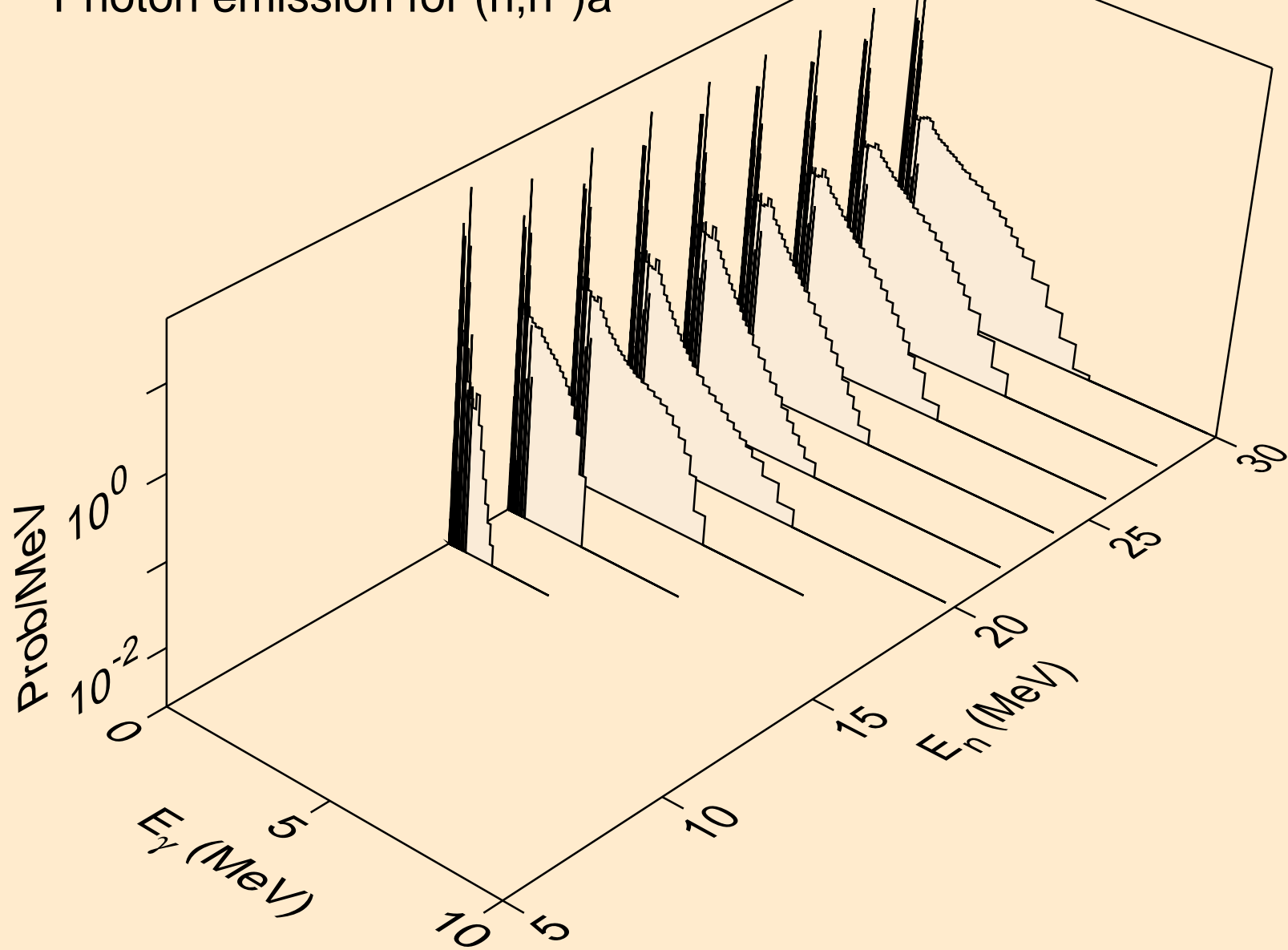
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



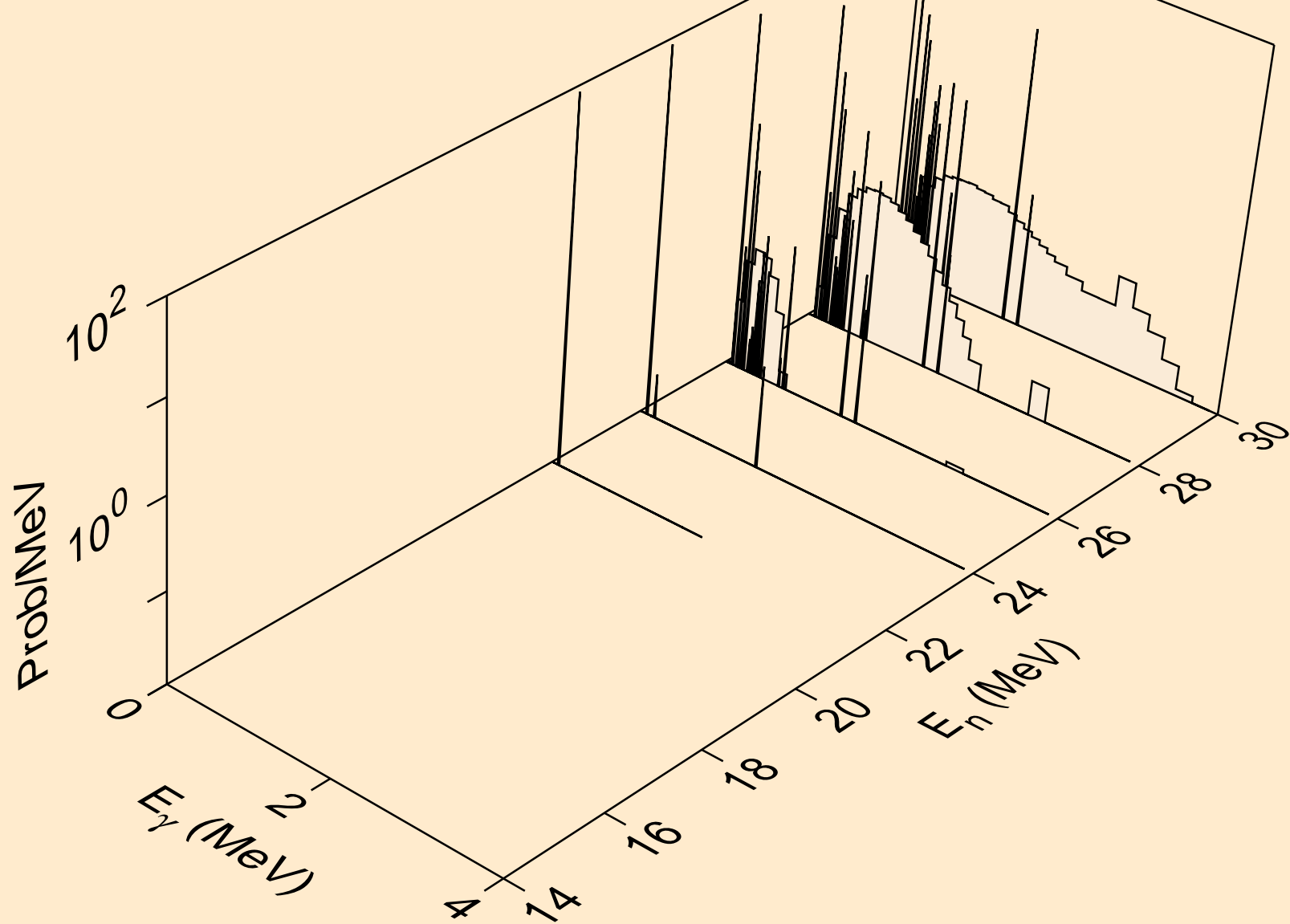
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

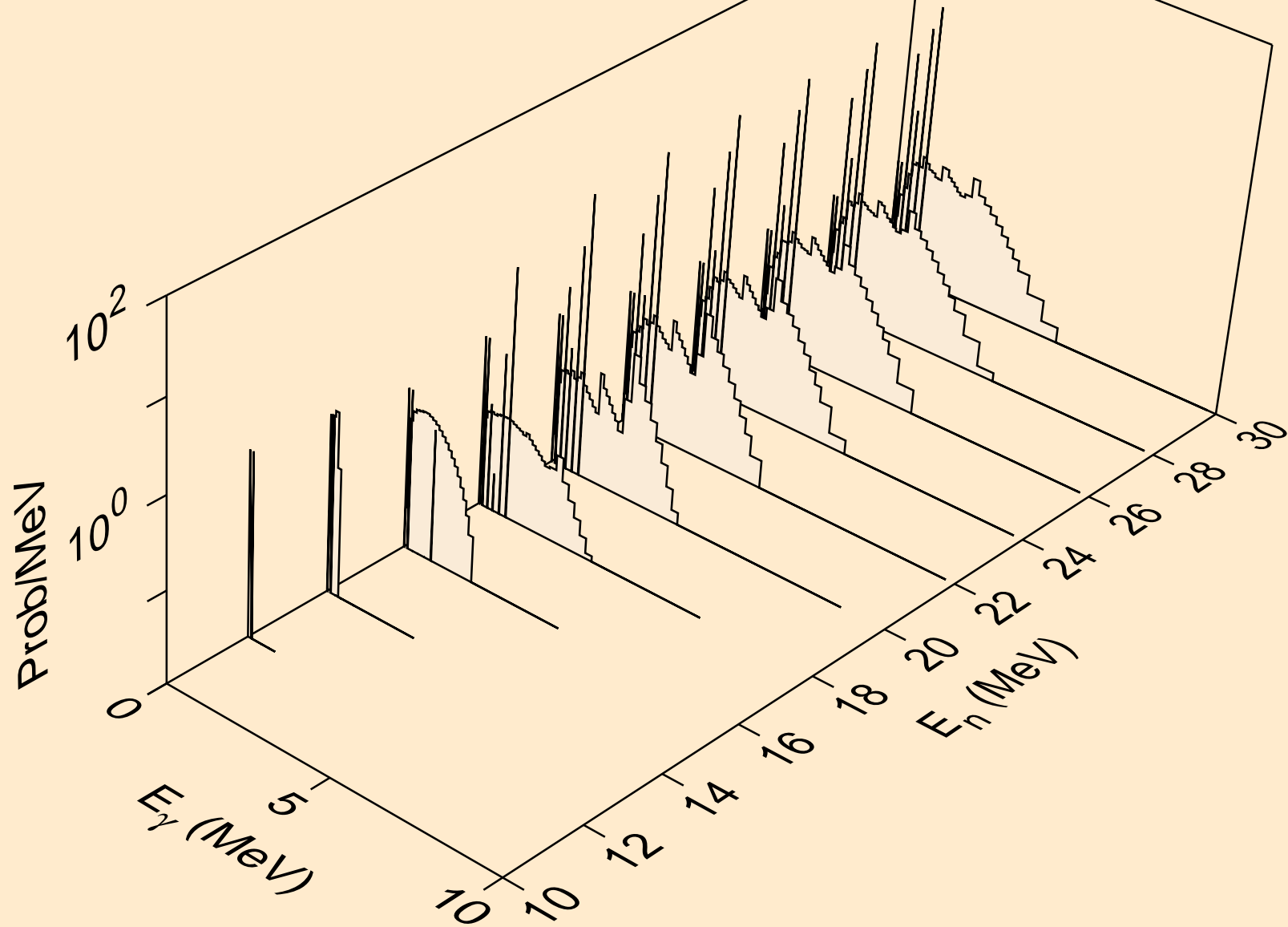


HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

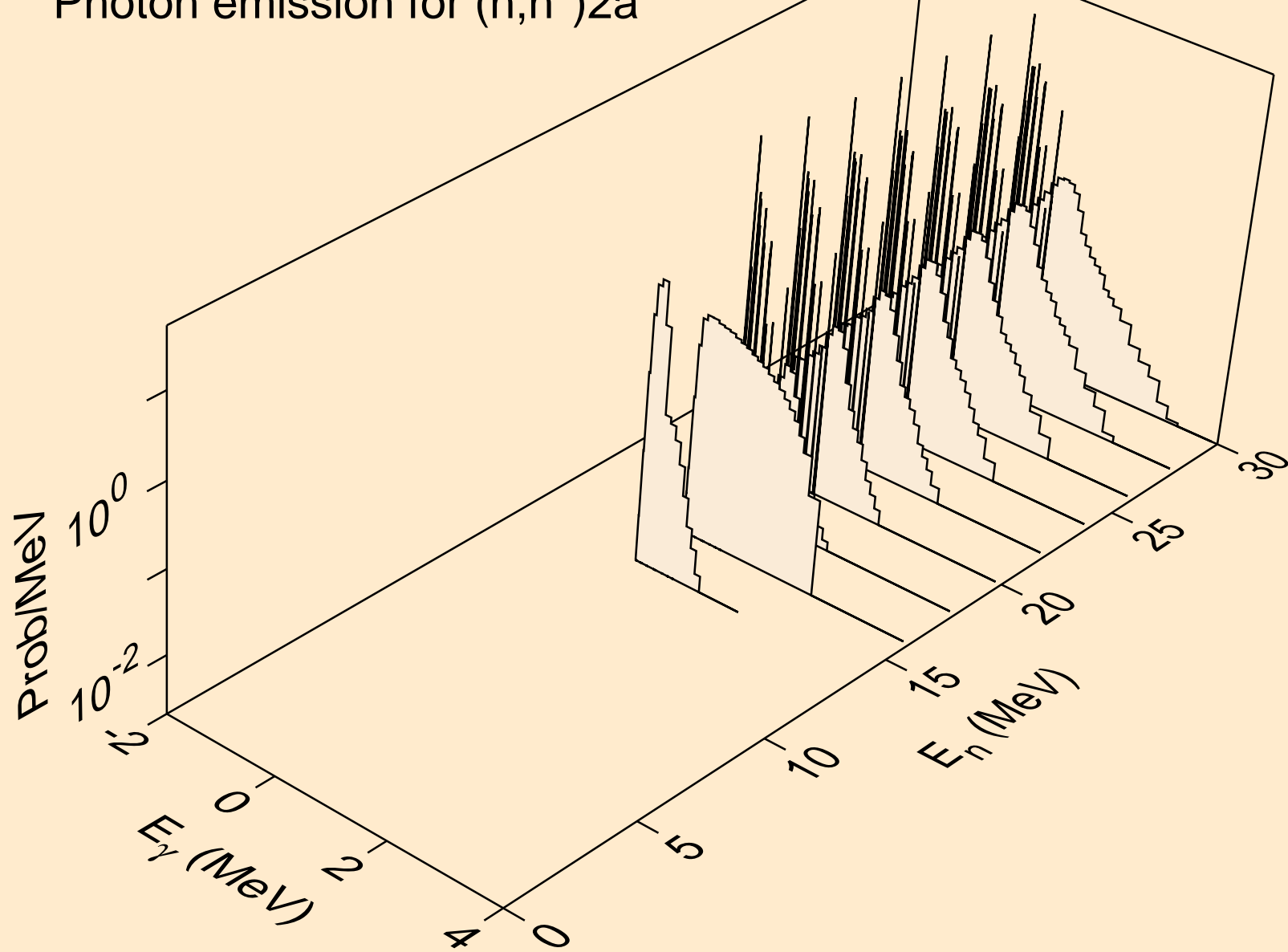




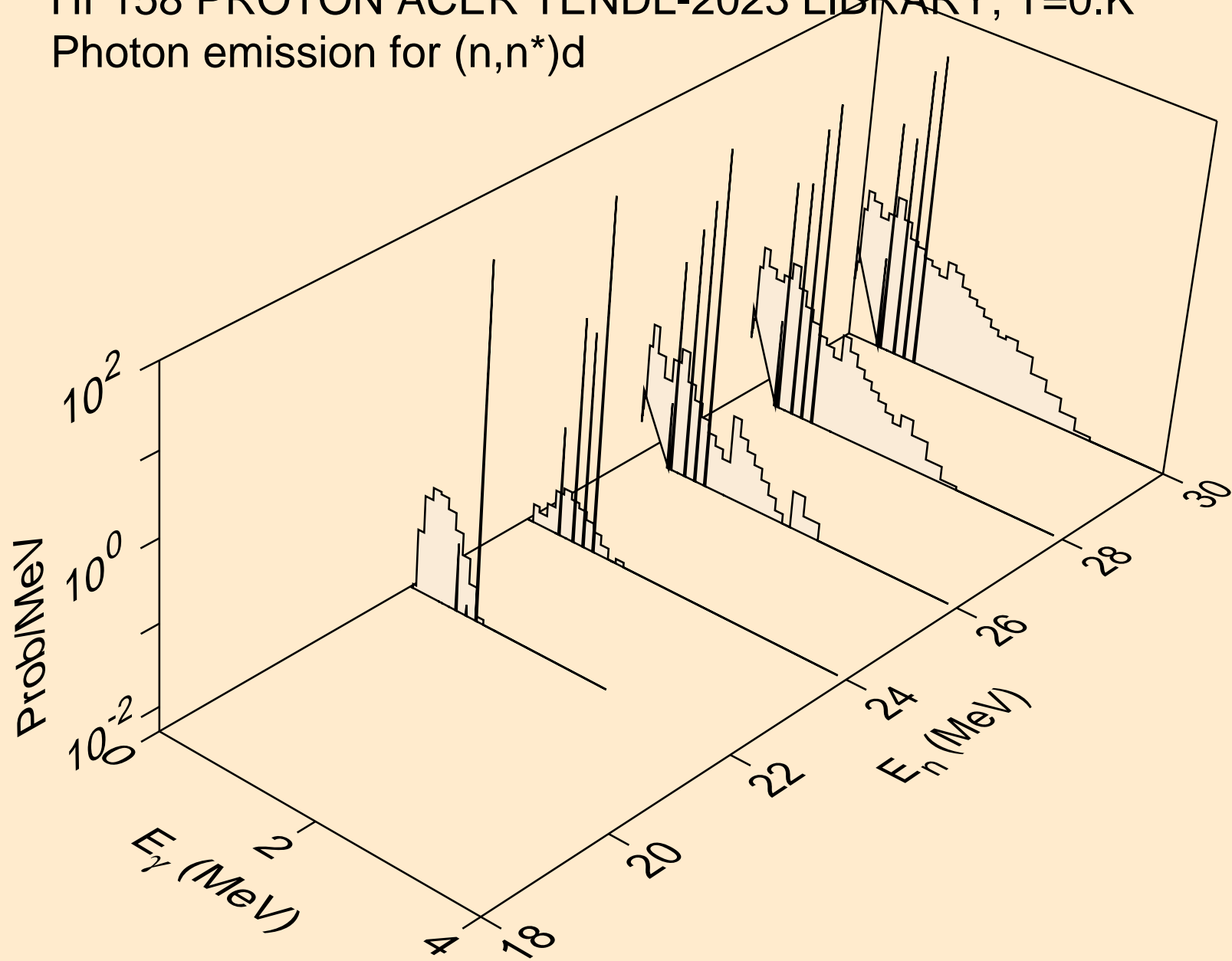
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Photon emission for (n,n\*)p



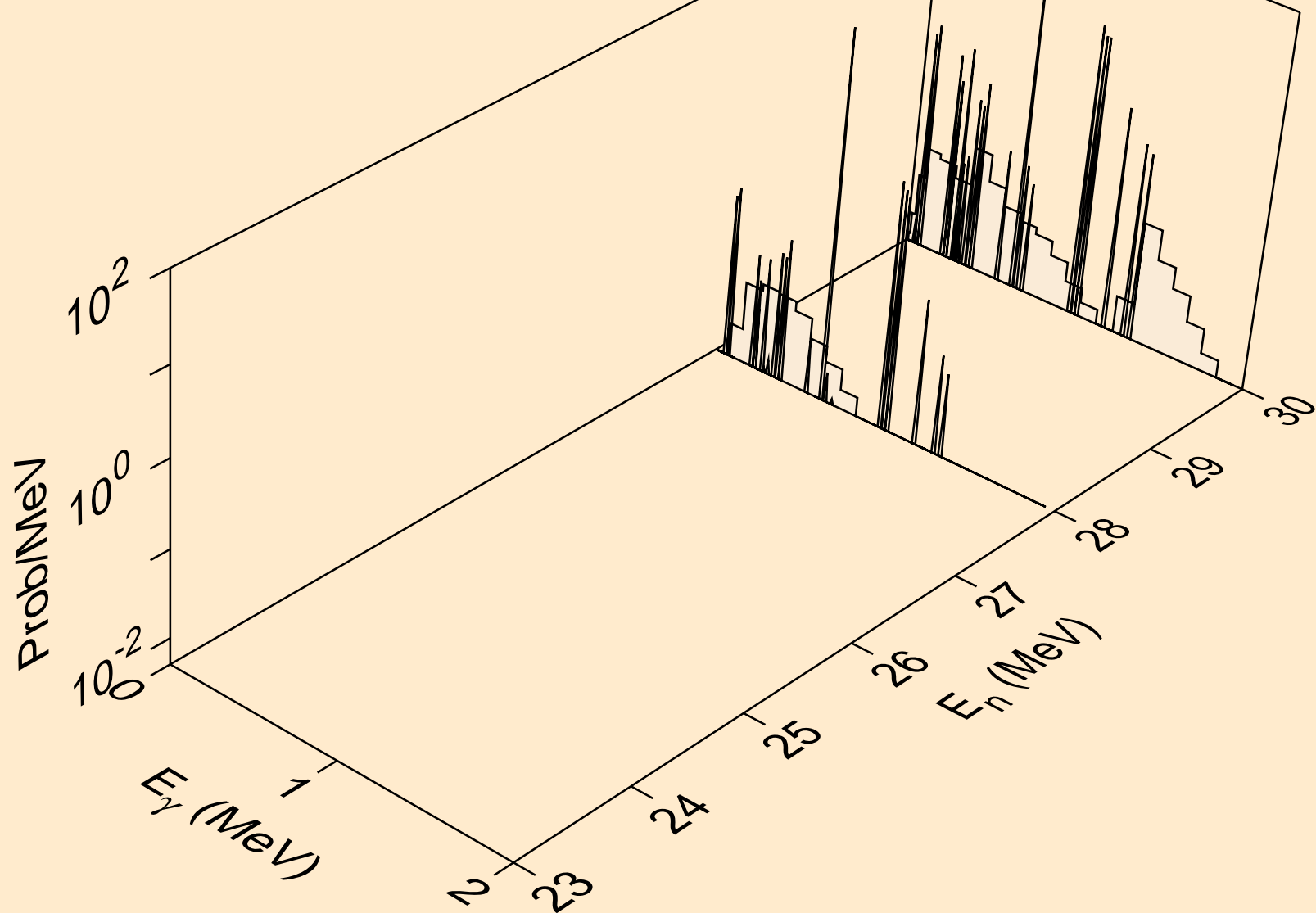
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Photon emission for (n,n\*)2a



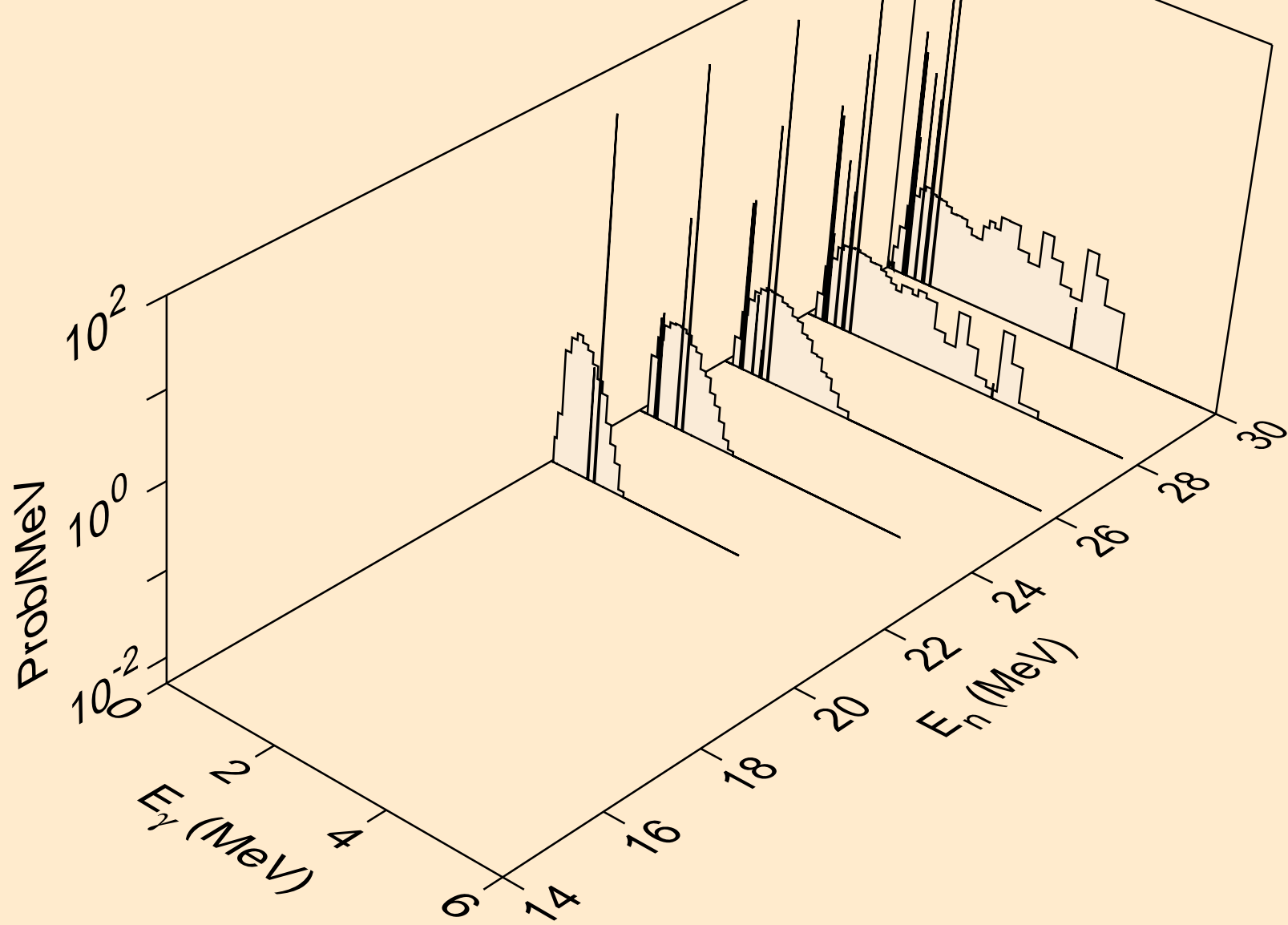
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



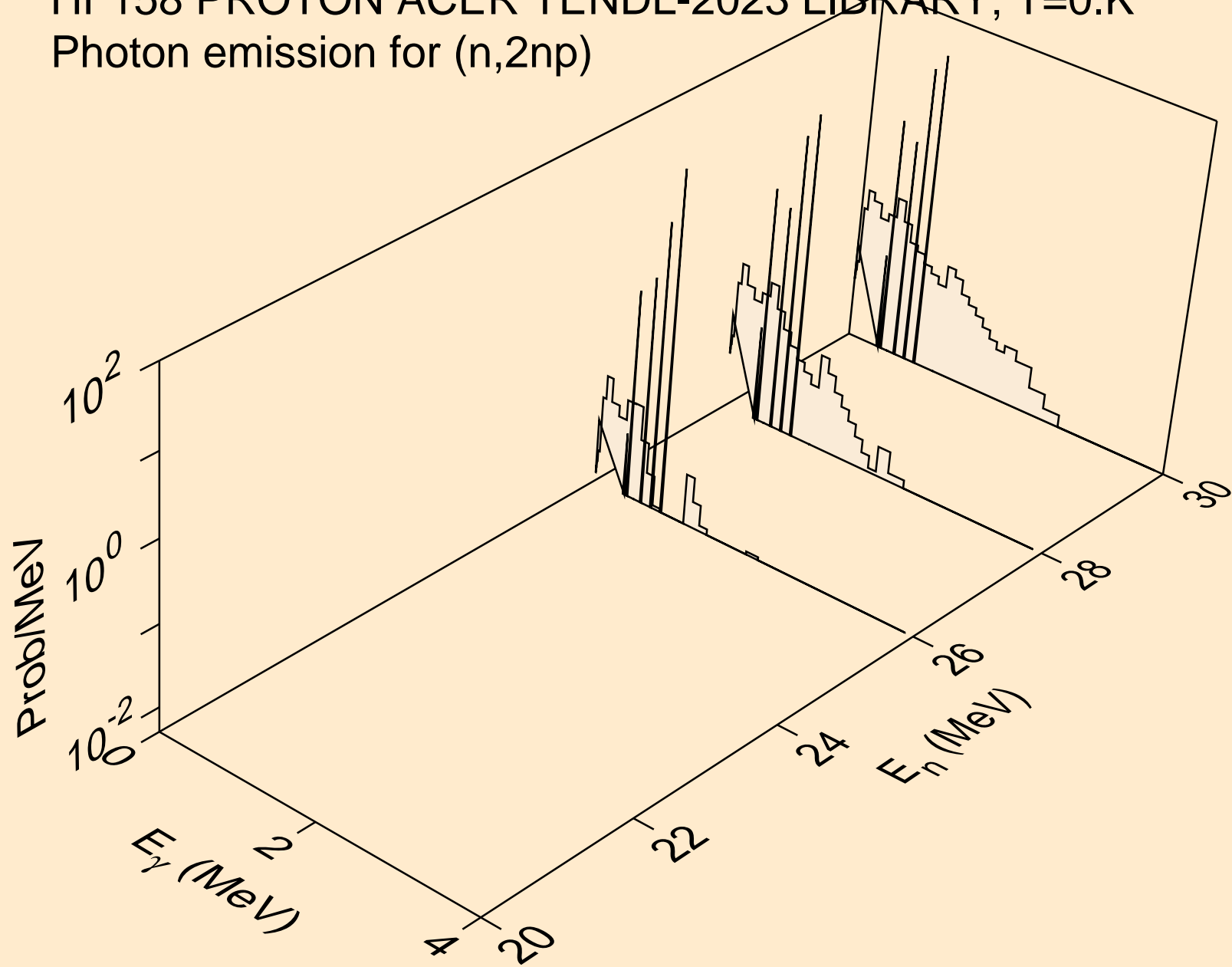
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



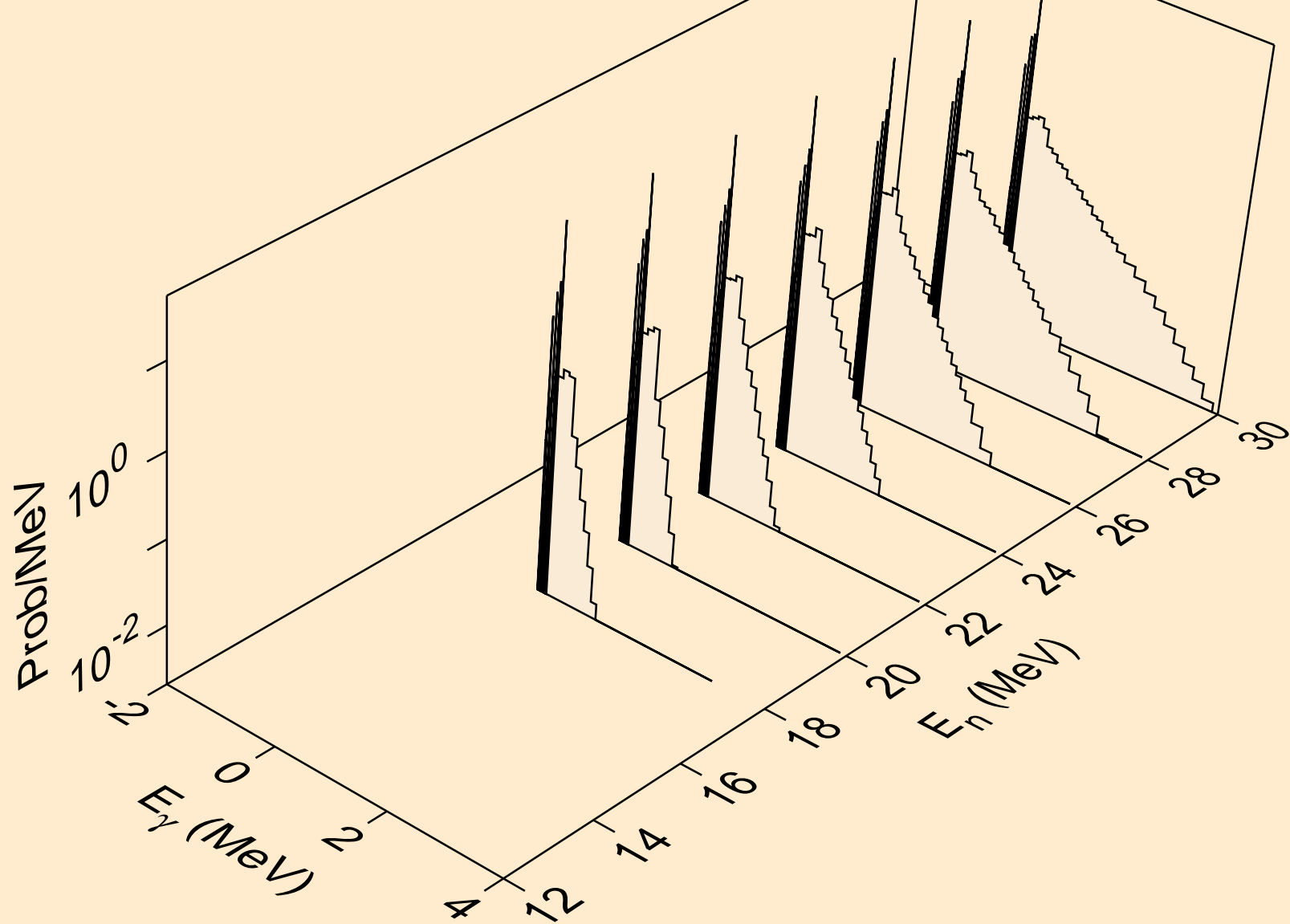
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



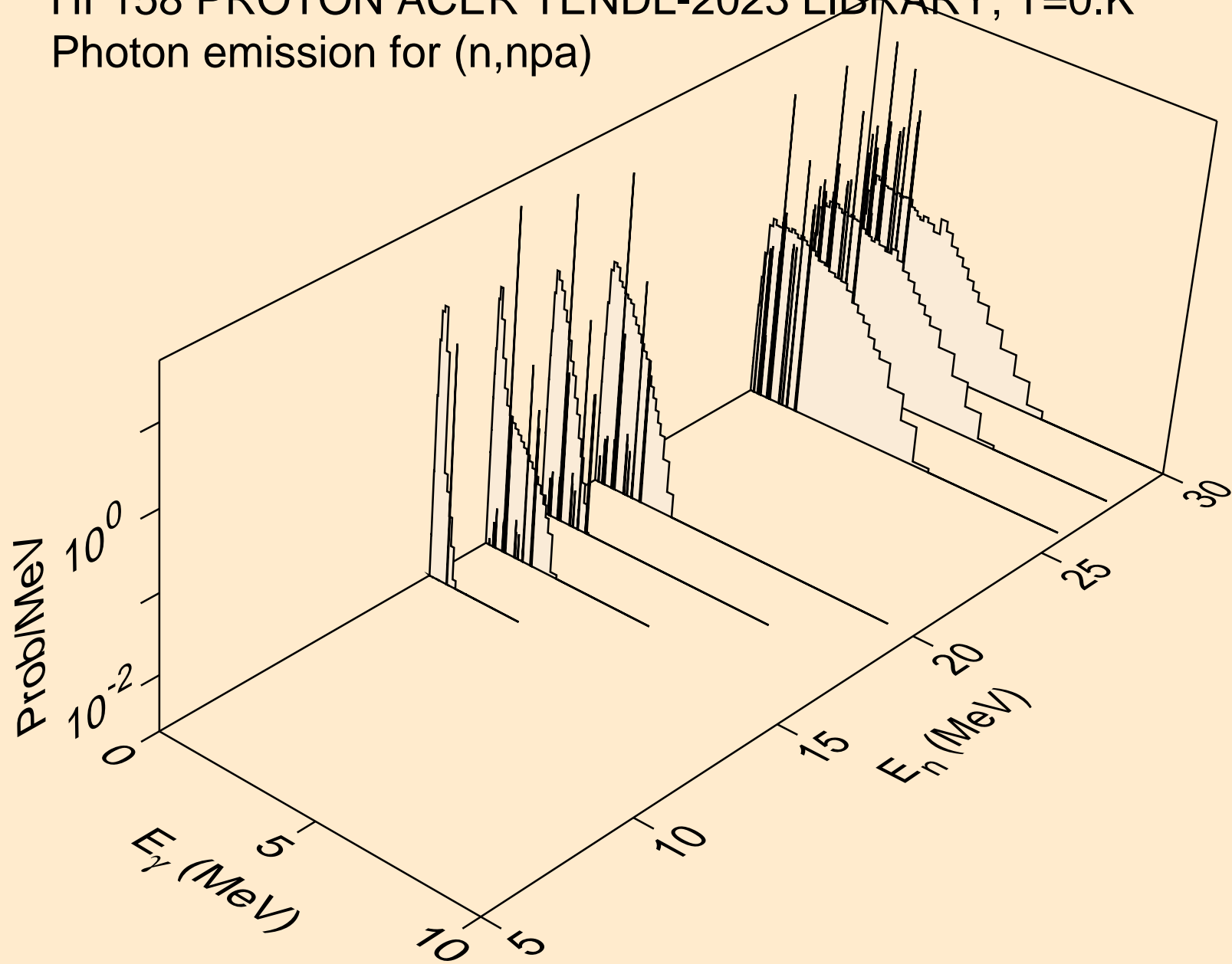
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

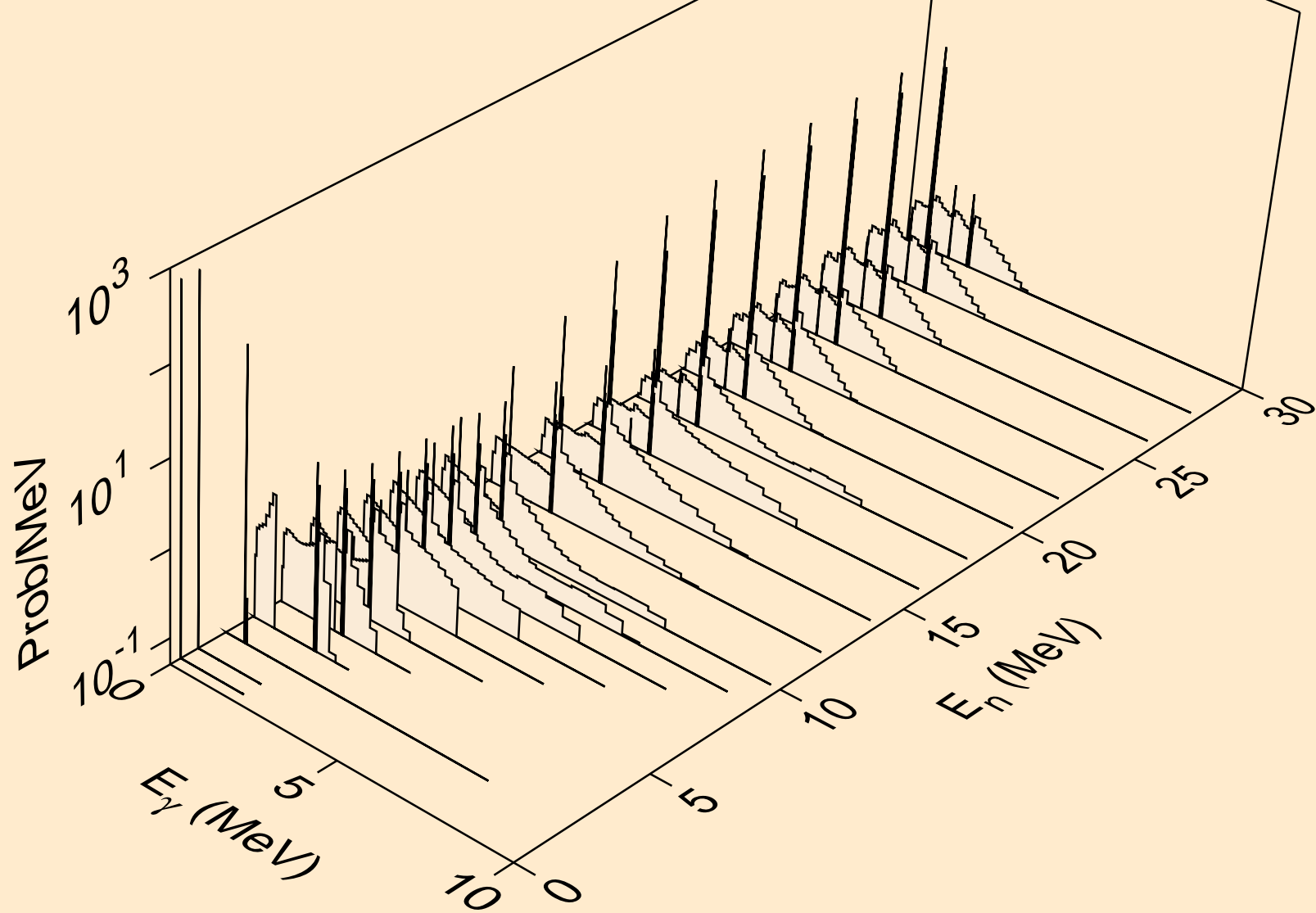


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Photon emission for (n,npa)

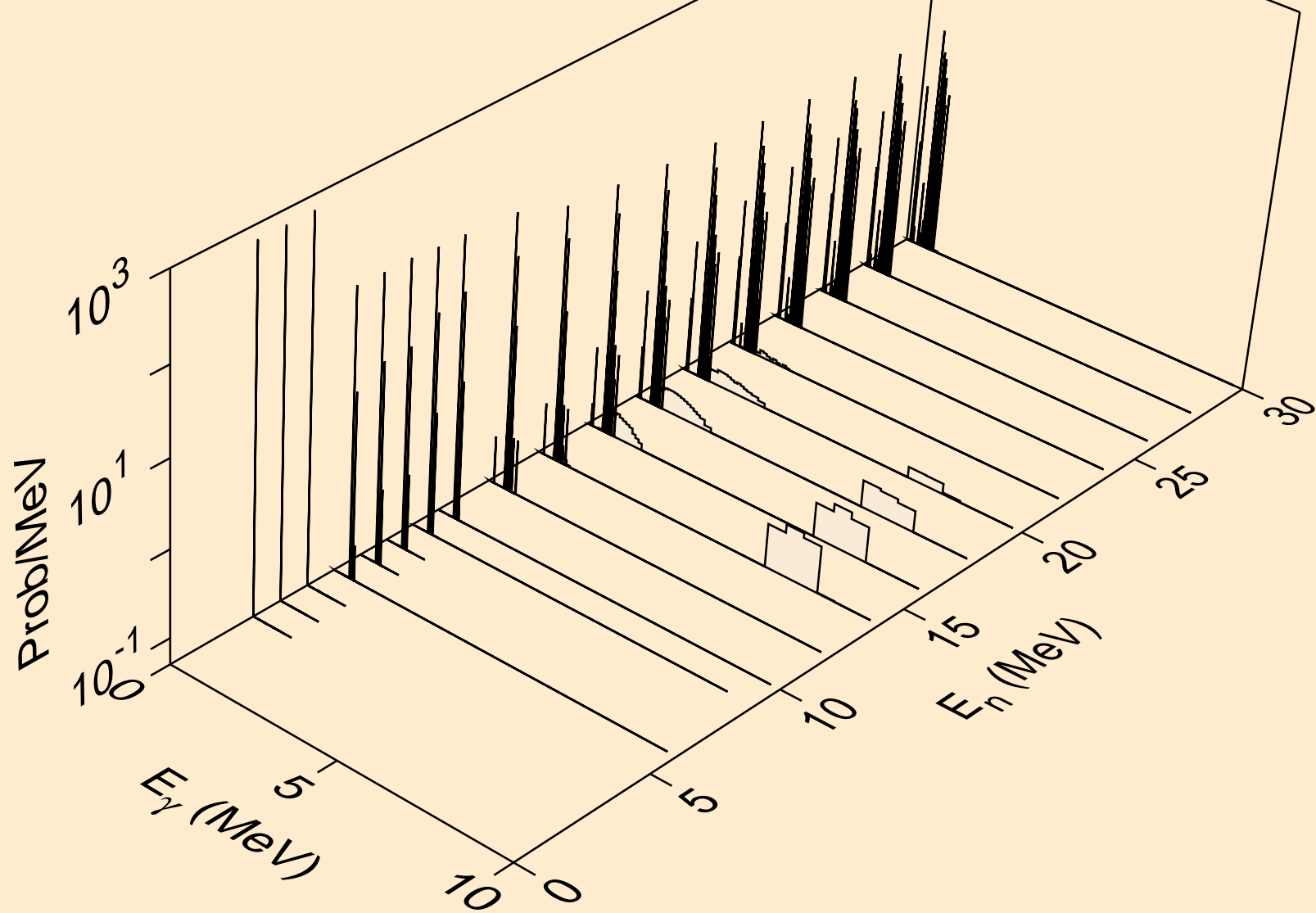




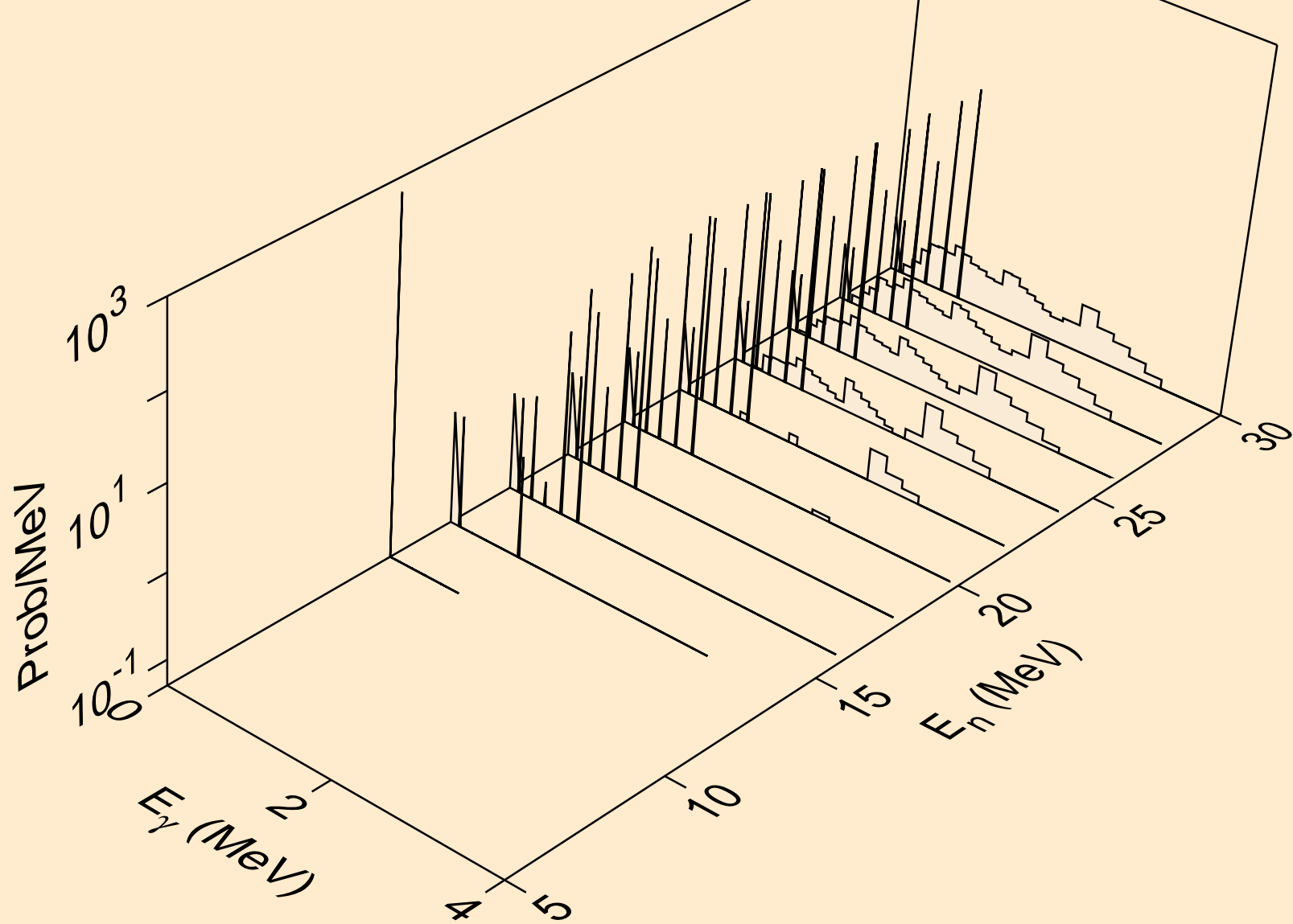
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Photon emission for (n,gma)



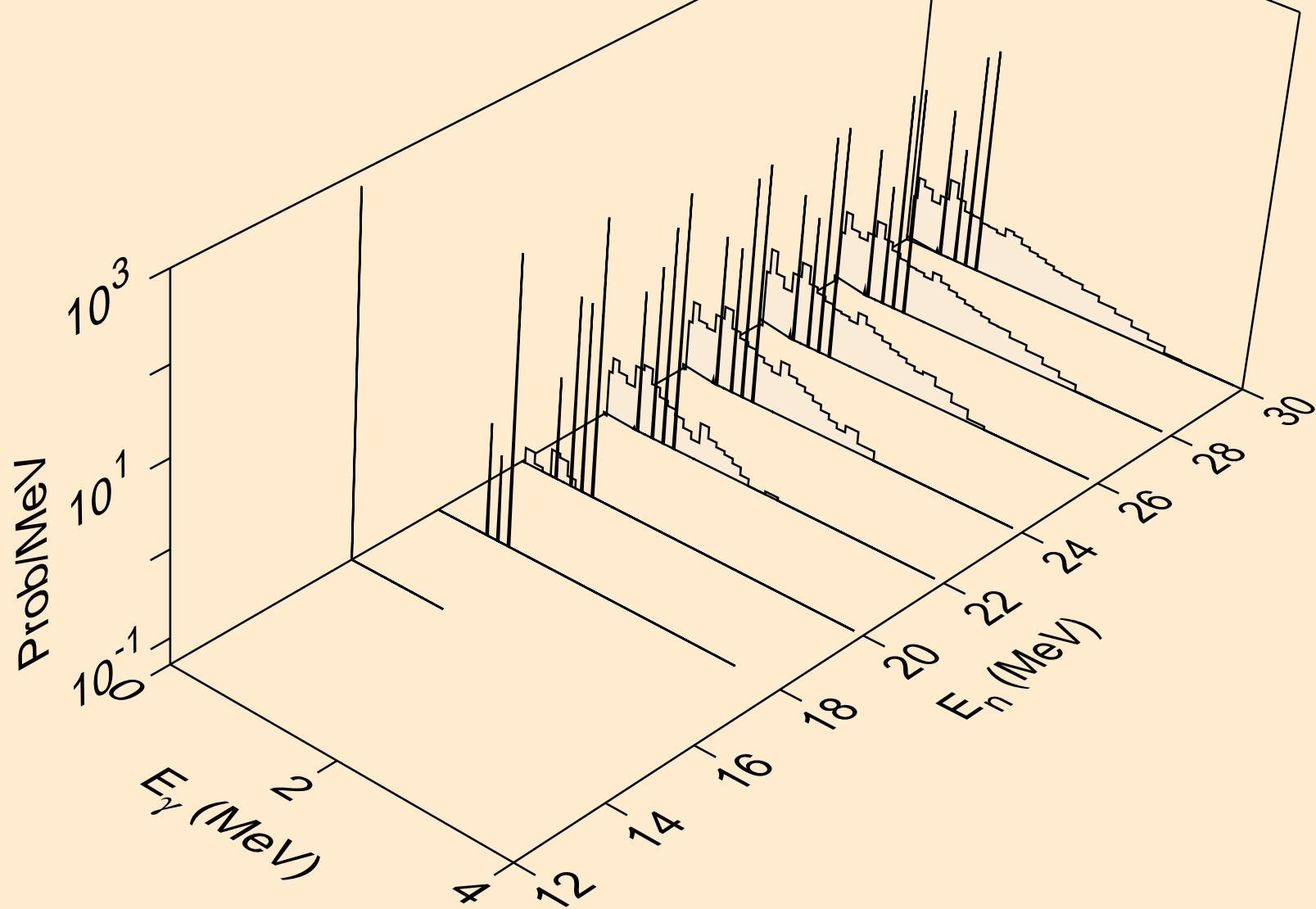
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



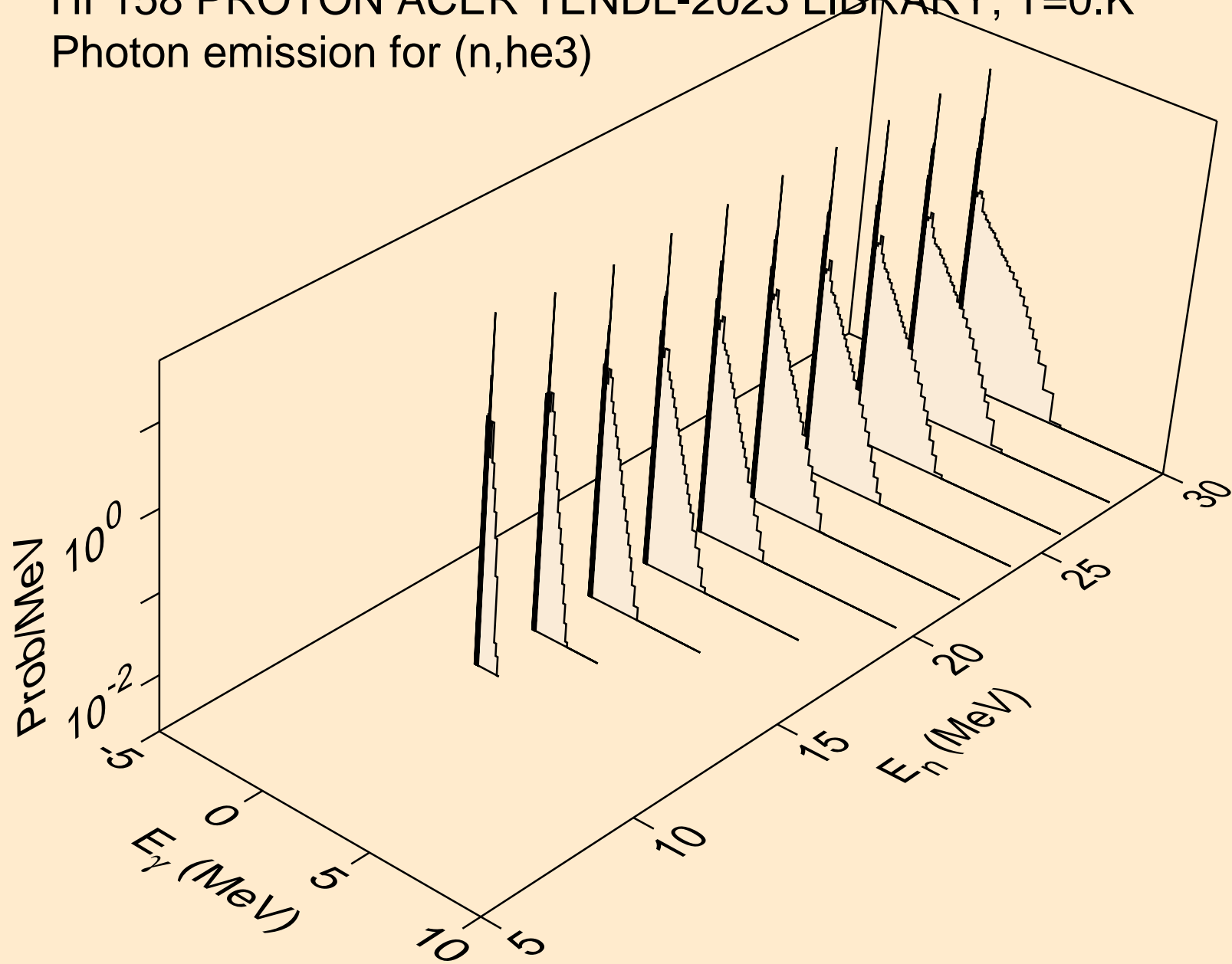
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Photon emission for (n,d)



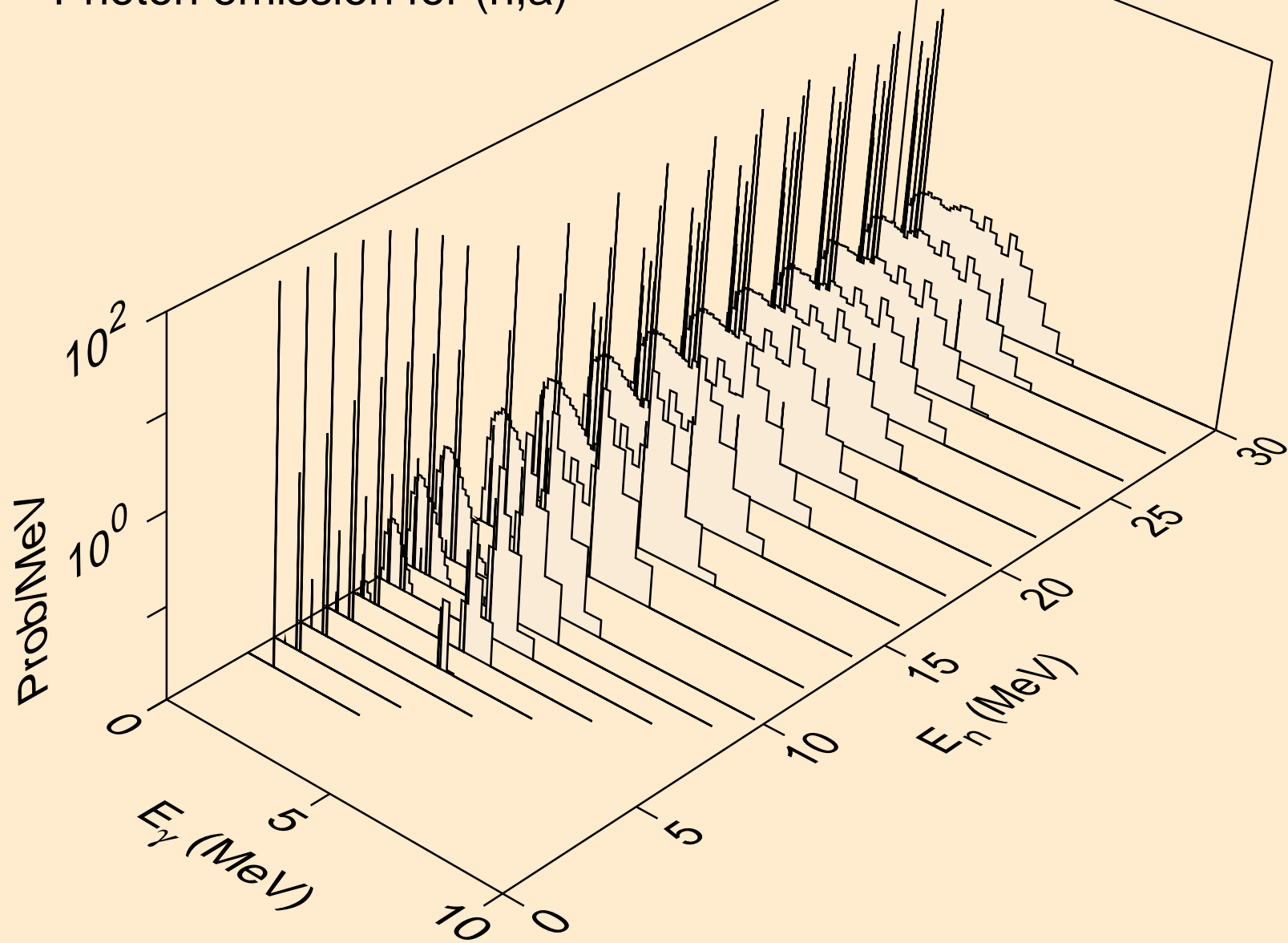
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Photon emission for (n,t)



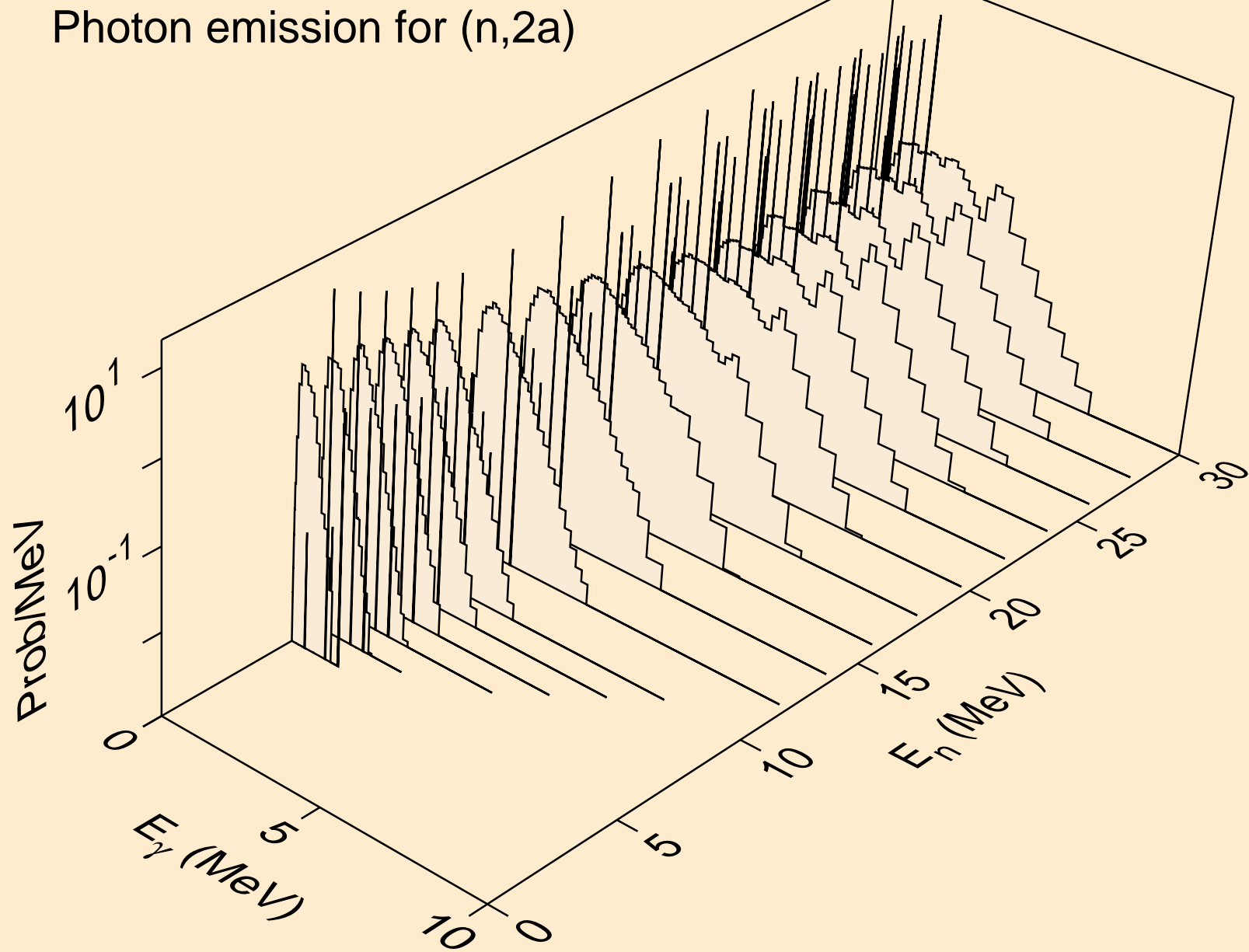
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Photon emission for (n,he3)



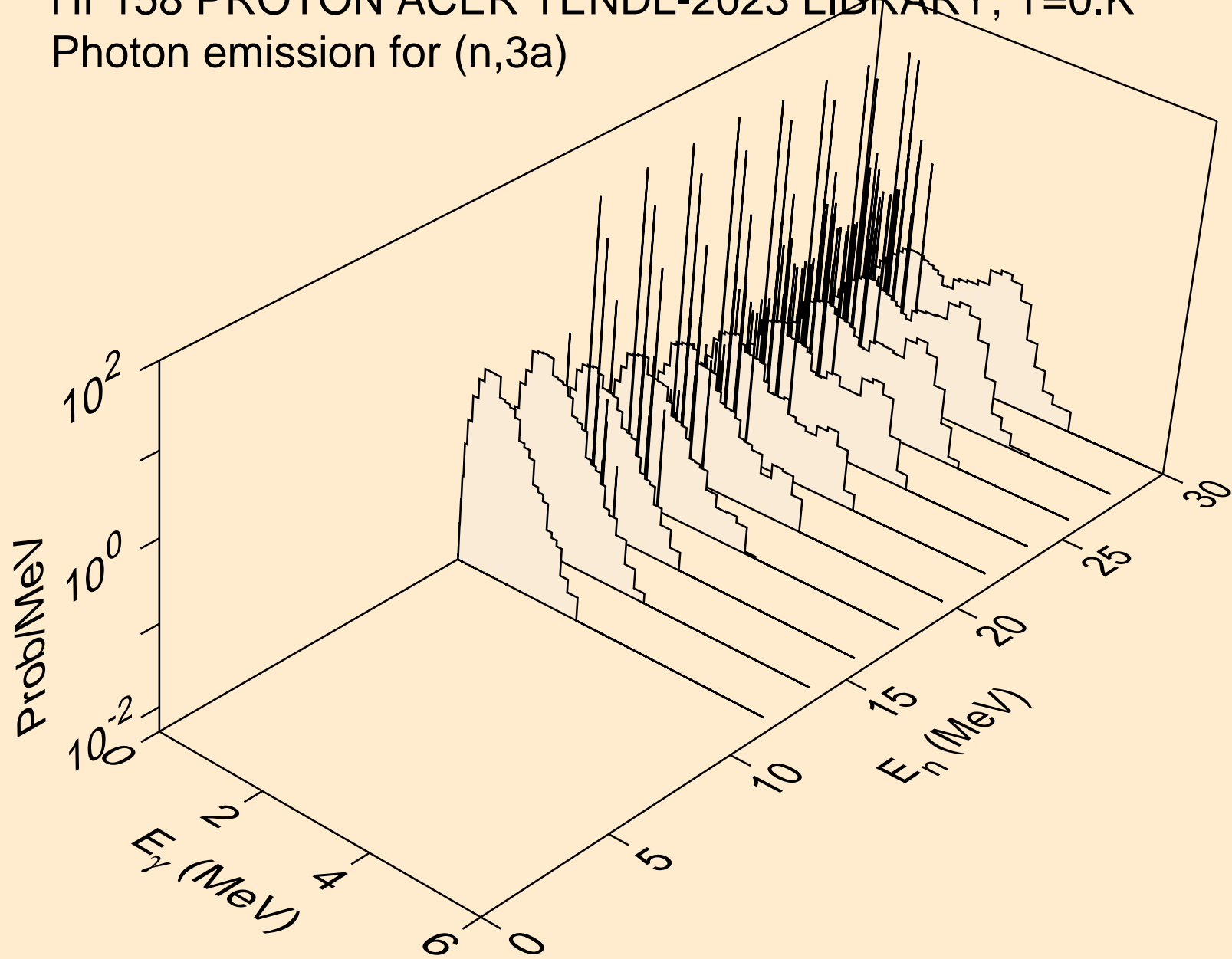
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

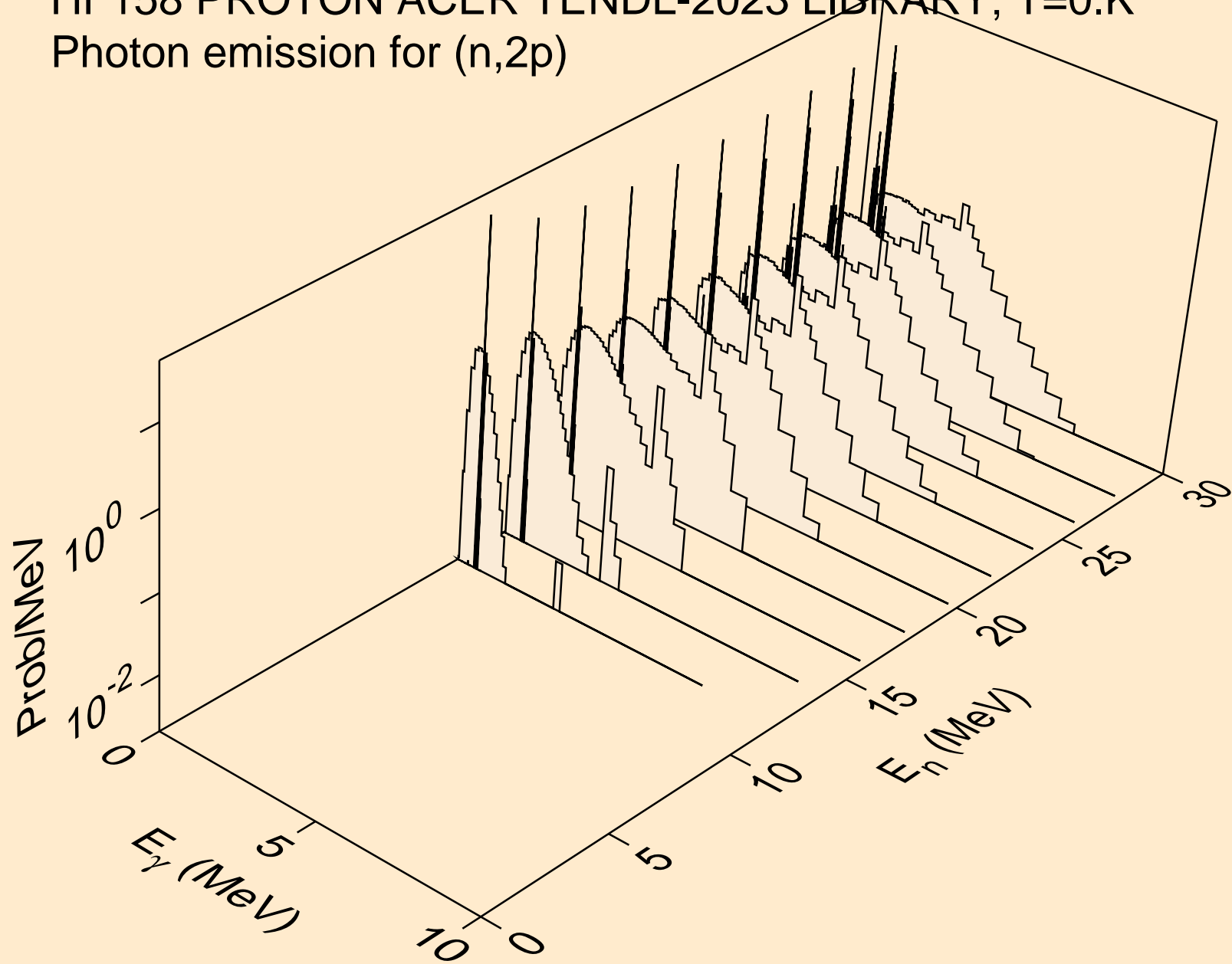


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Photon emission for (n,3a)

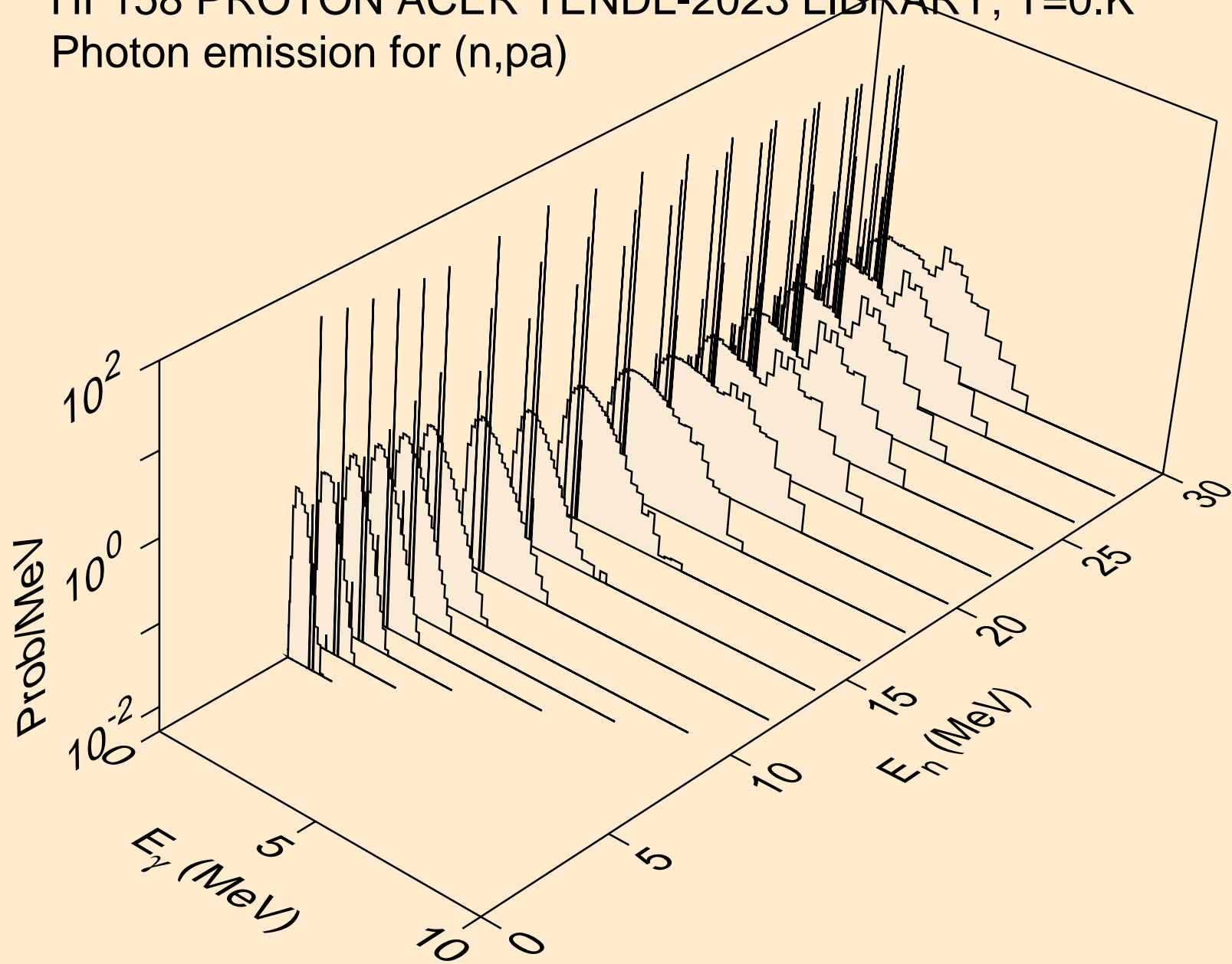




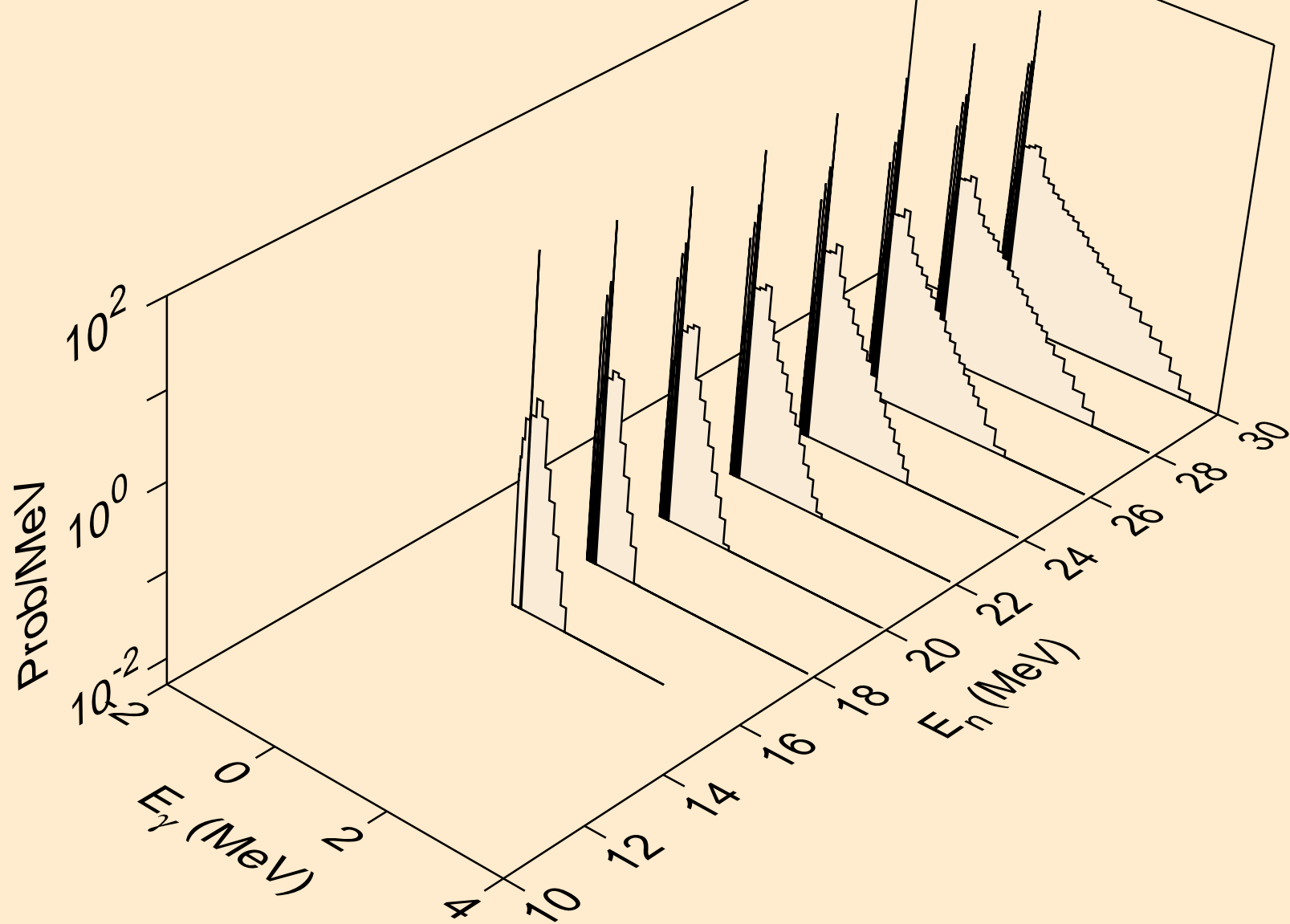
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Photon emission for (n,2p)



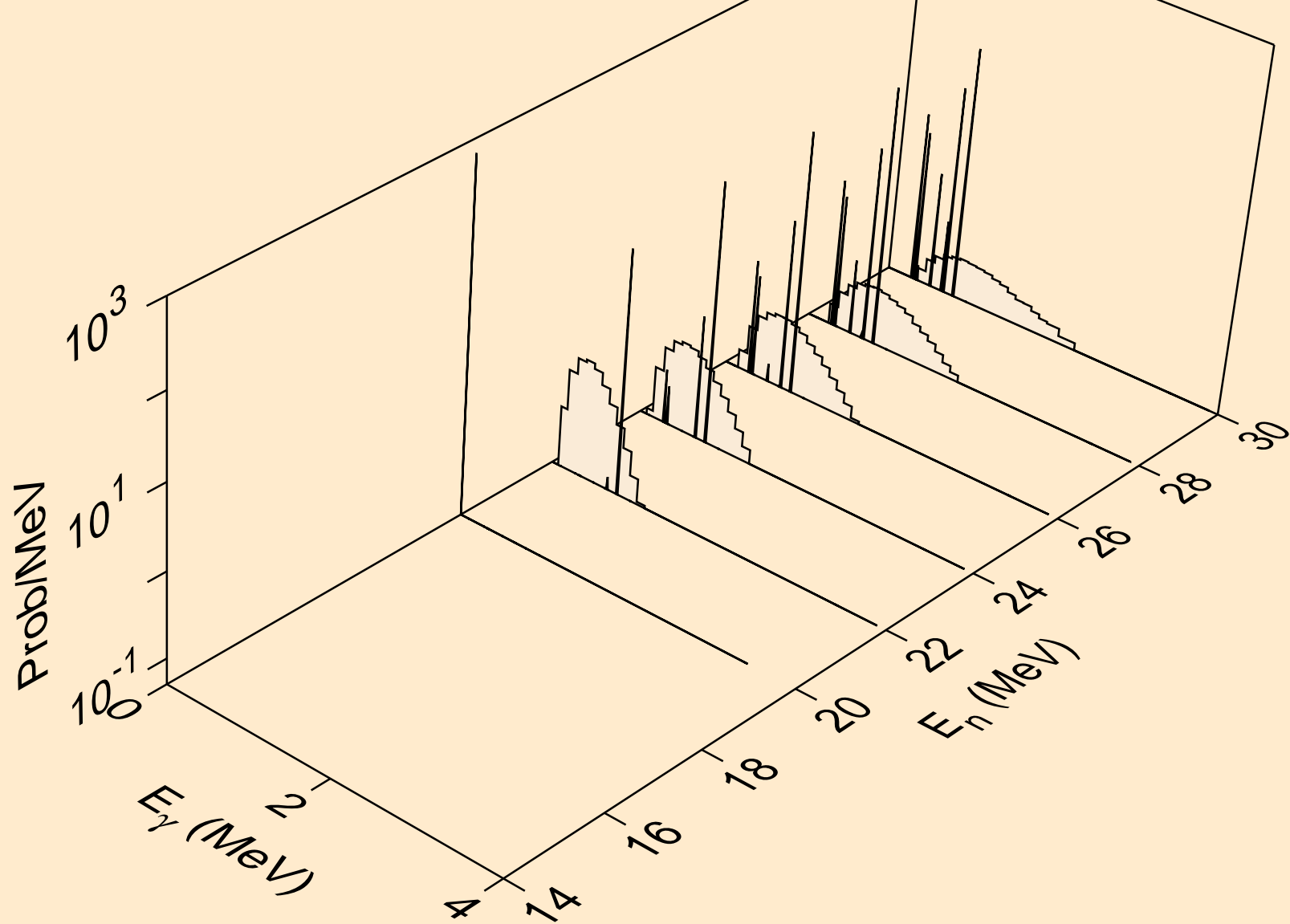
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Photon emission for (n,pa)



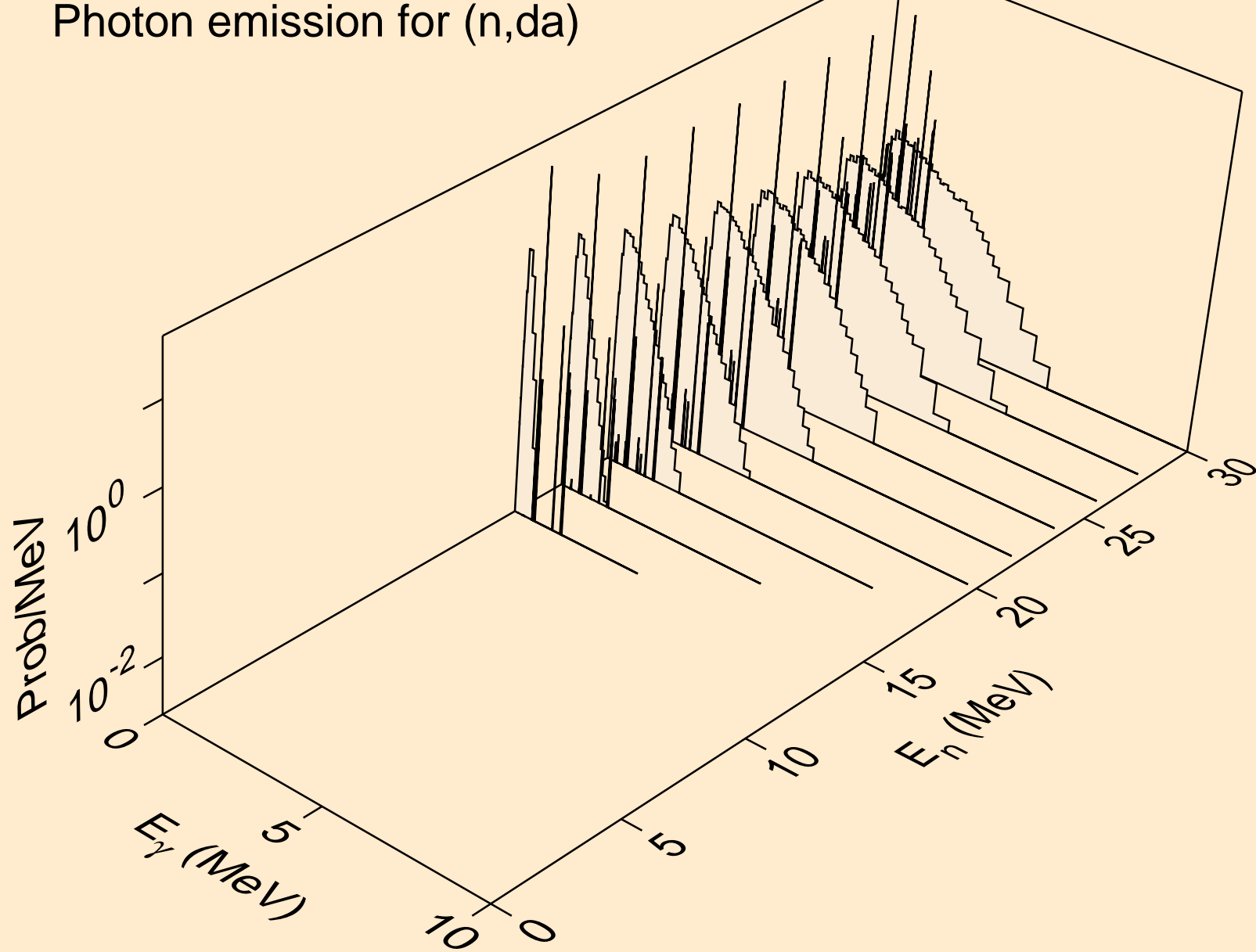
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

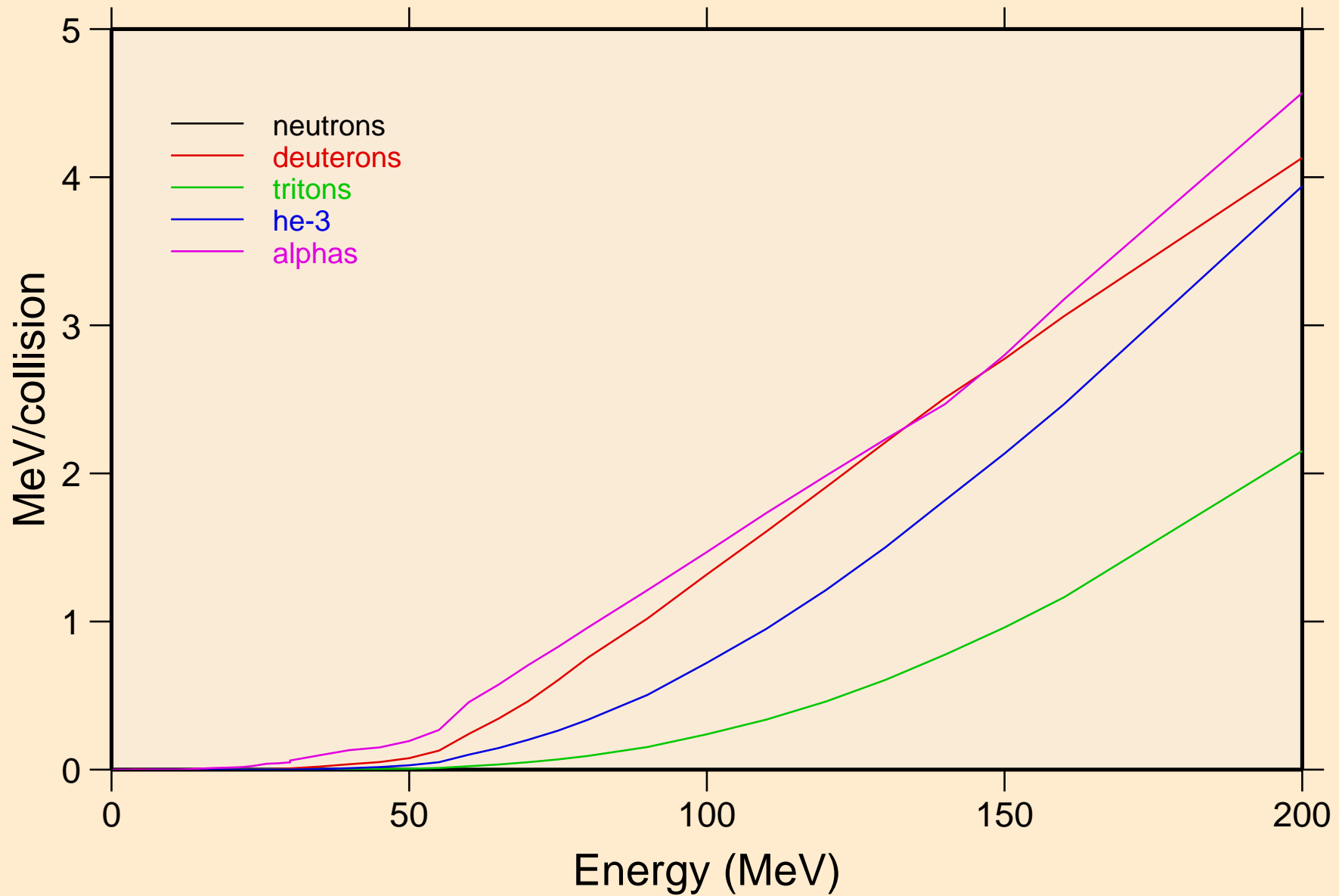


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Photon emission for (n,da)

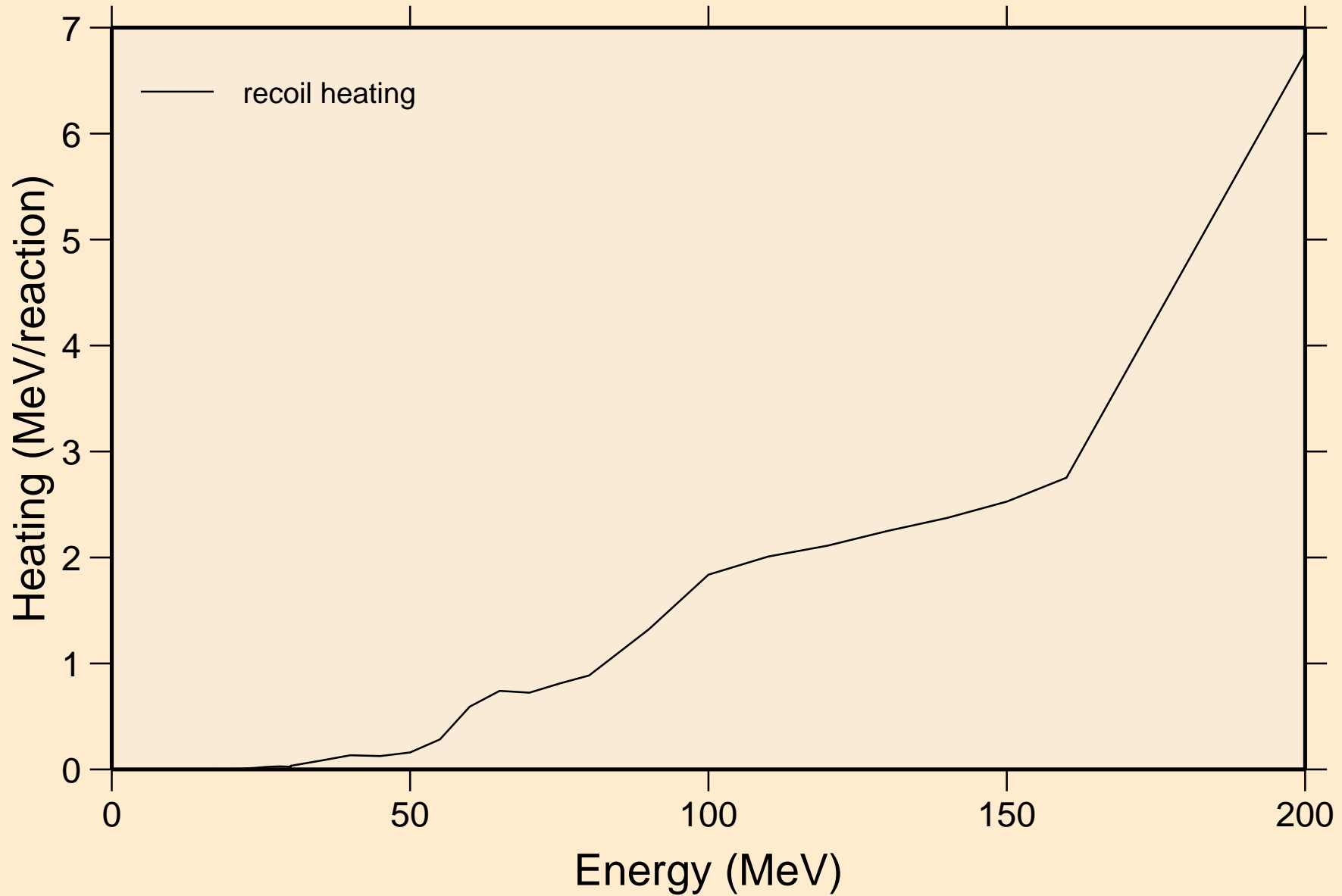


# HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K

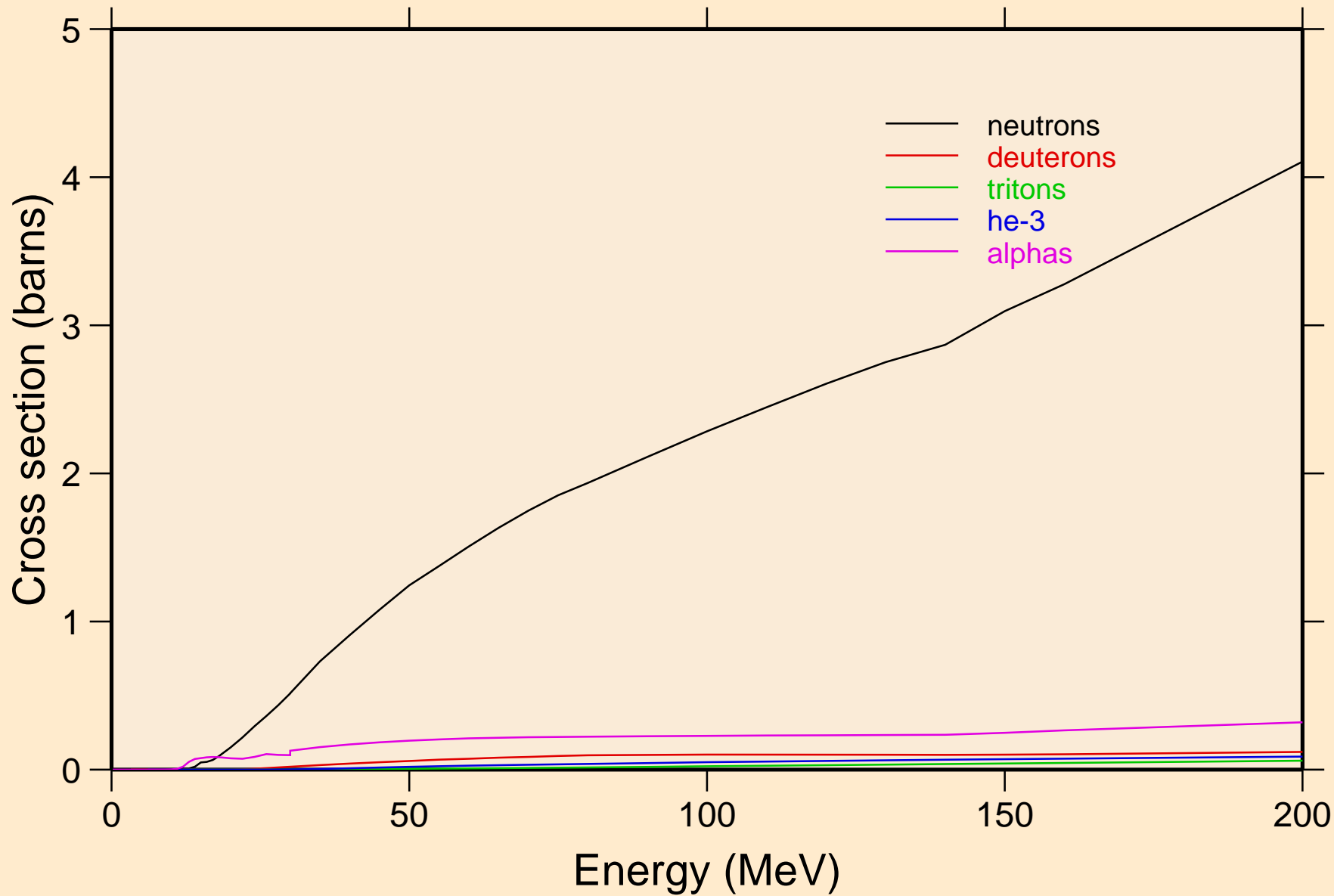
## Particle heating contributions



HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

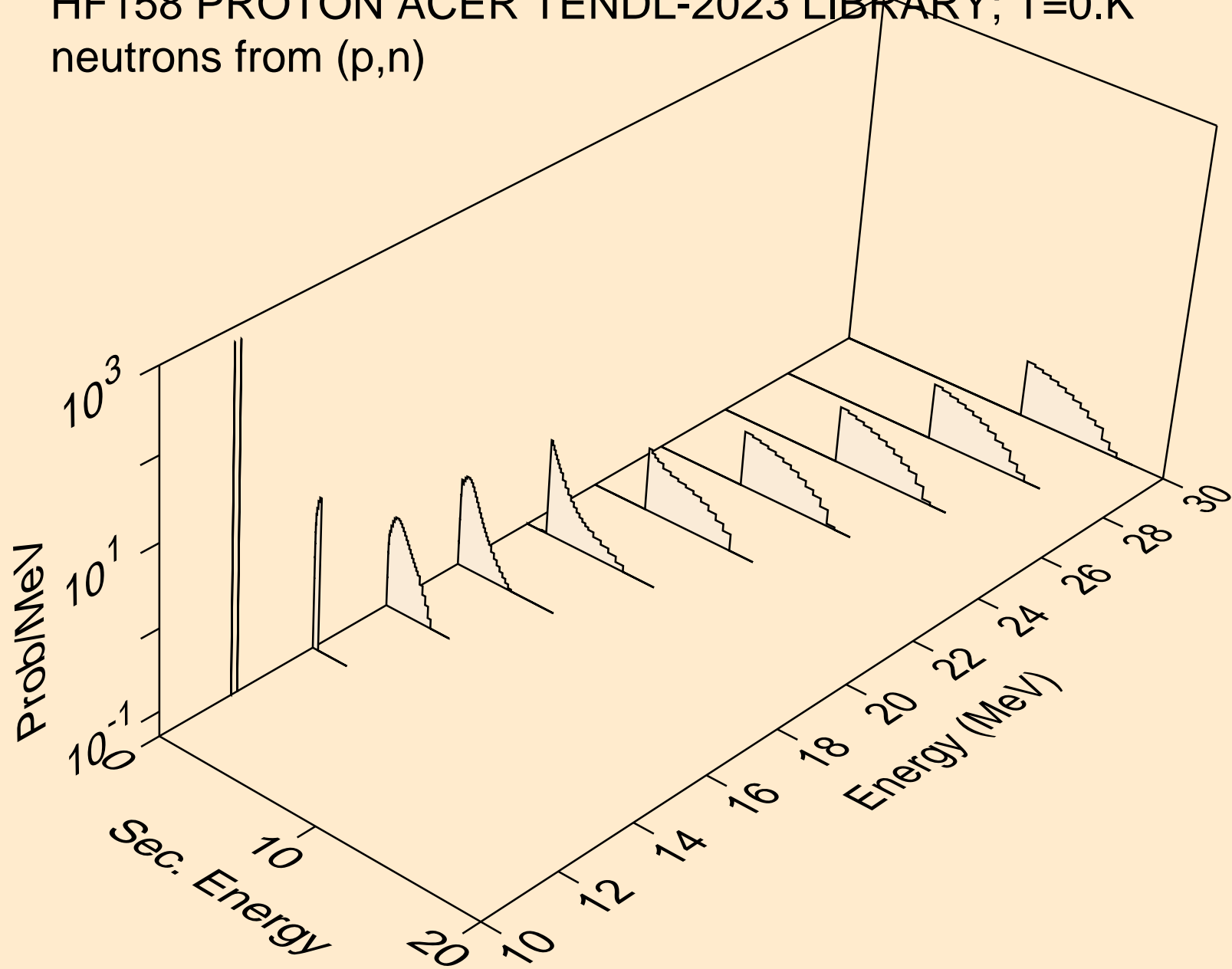


HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

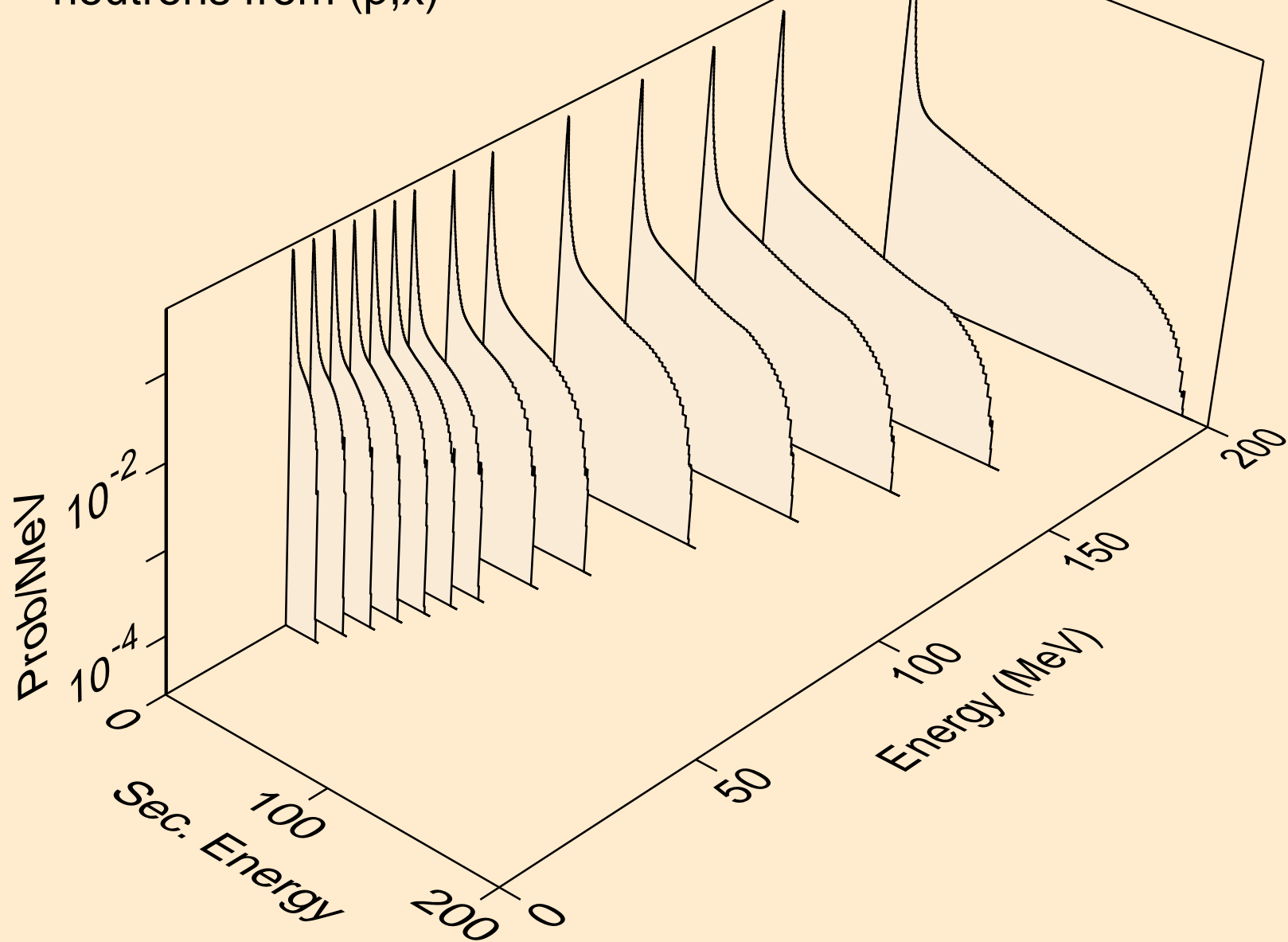




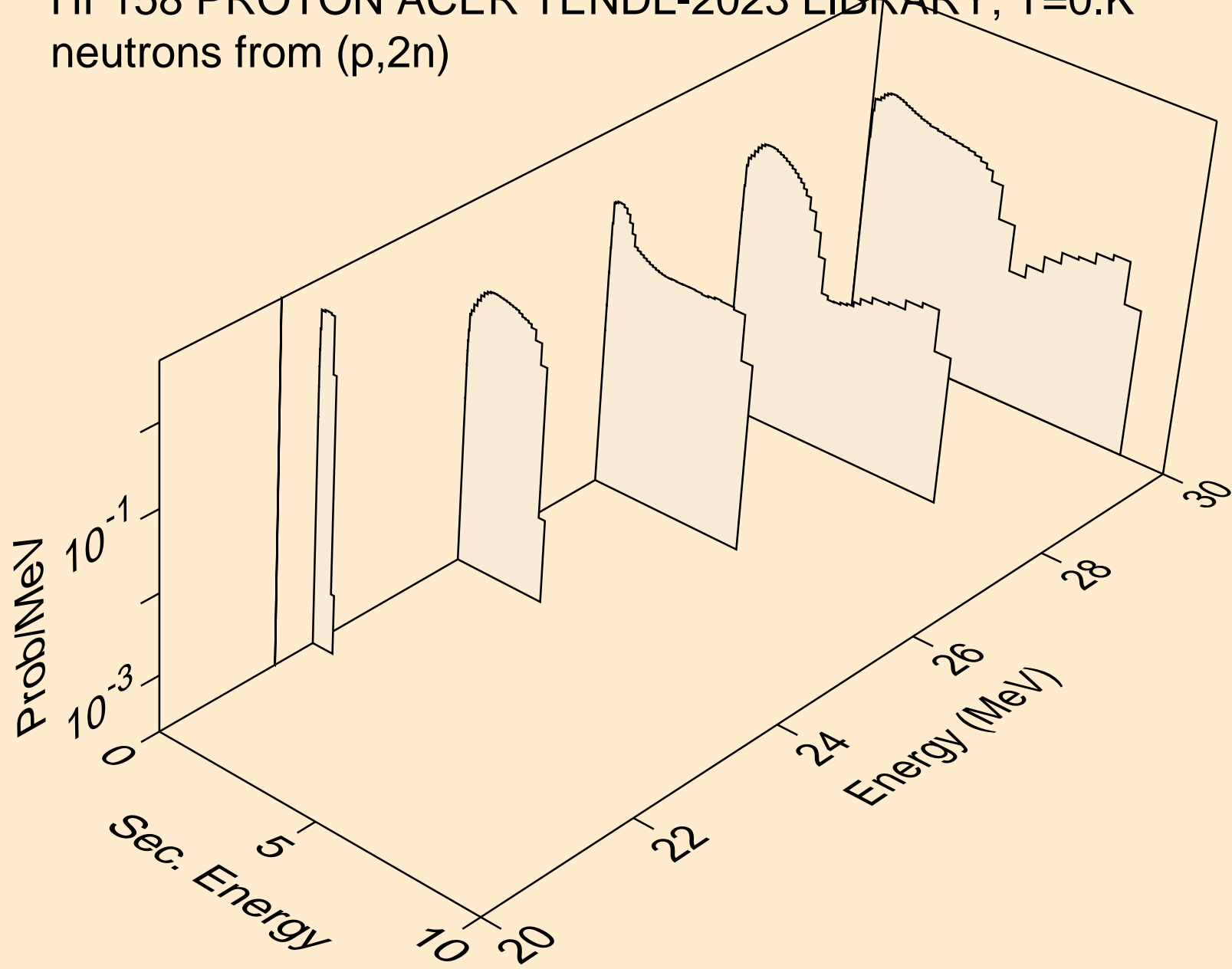
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



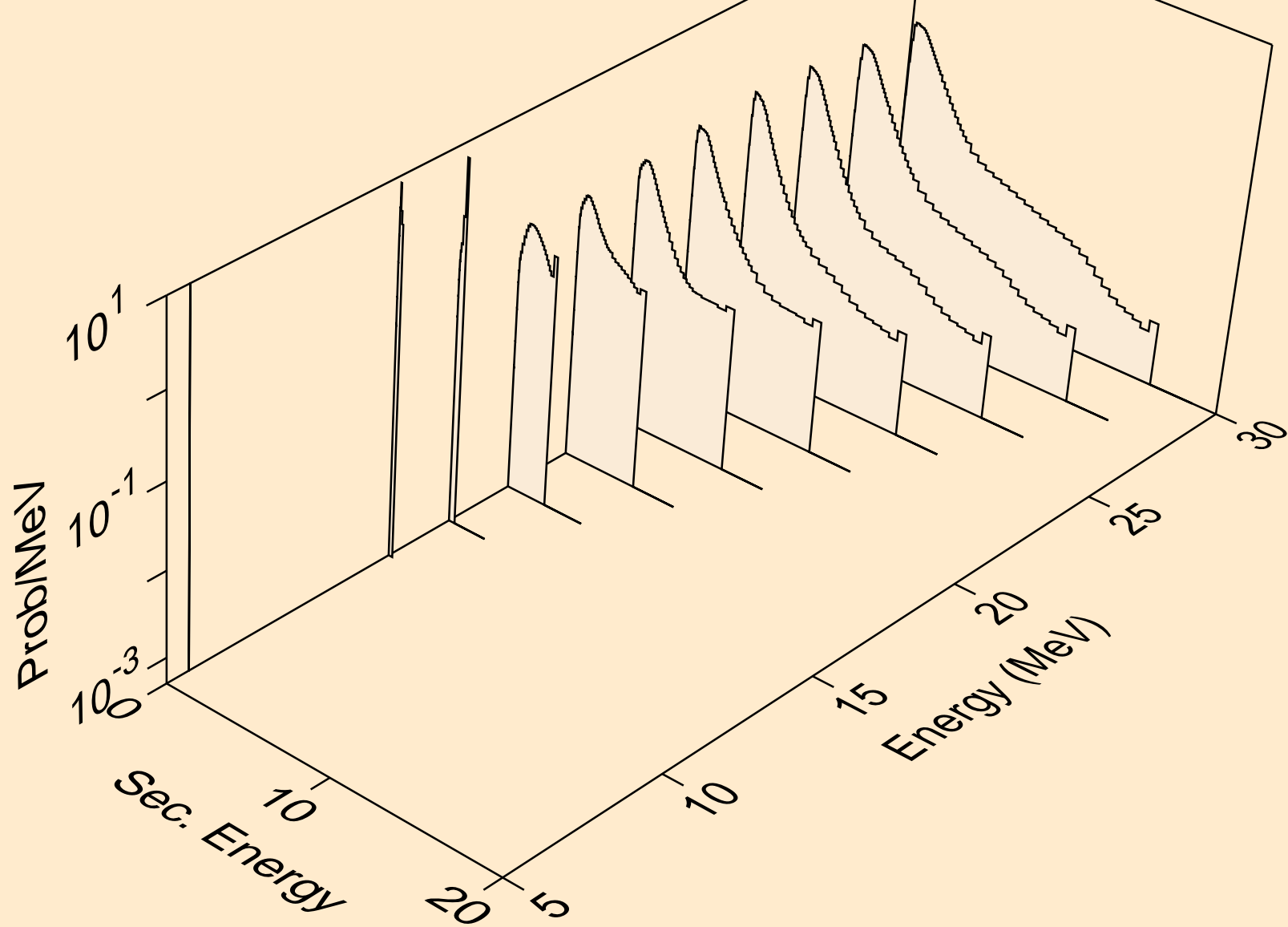
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



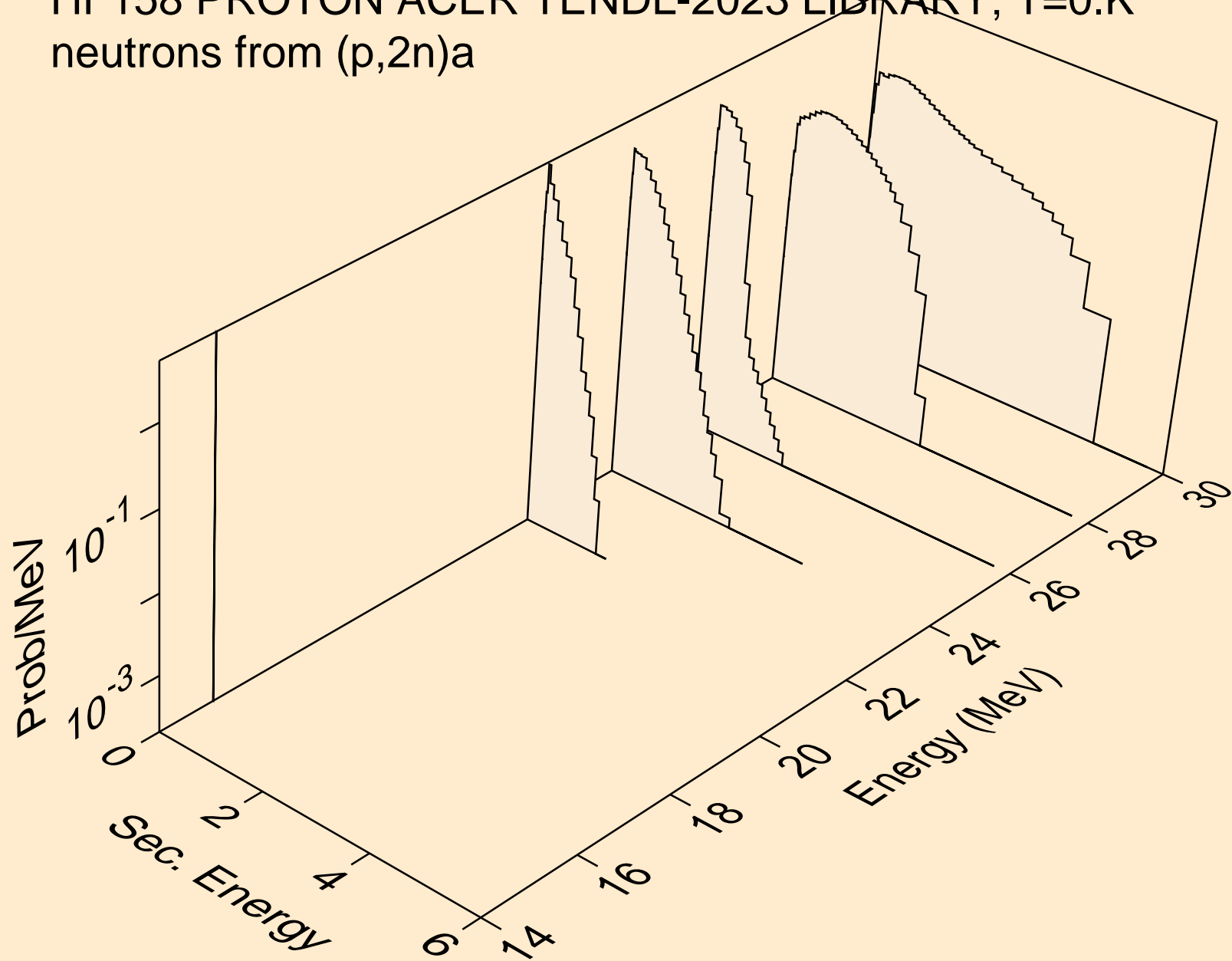
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



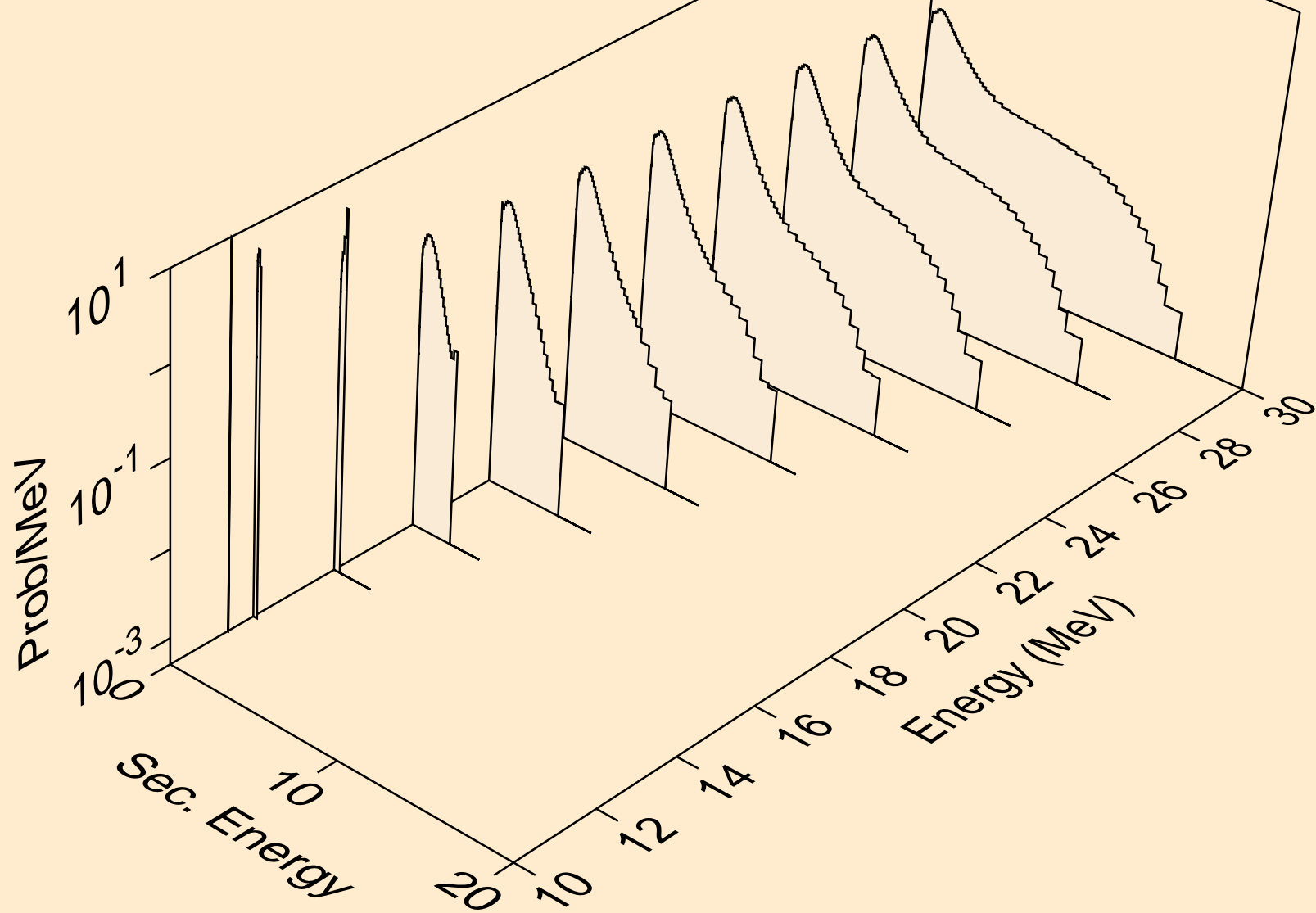
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



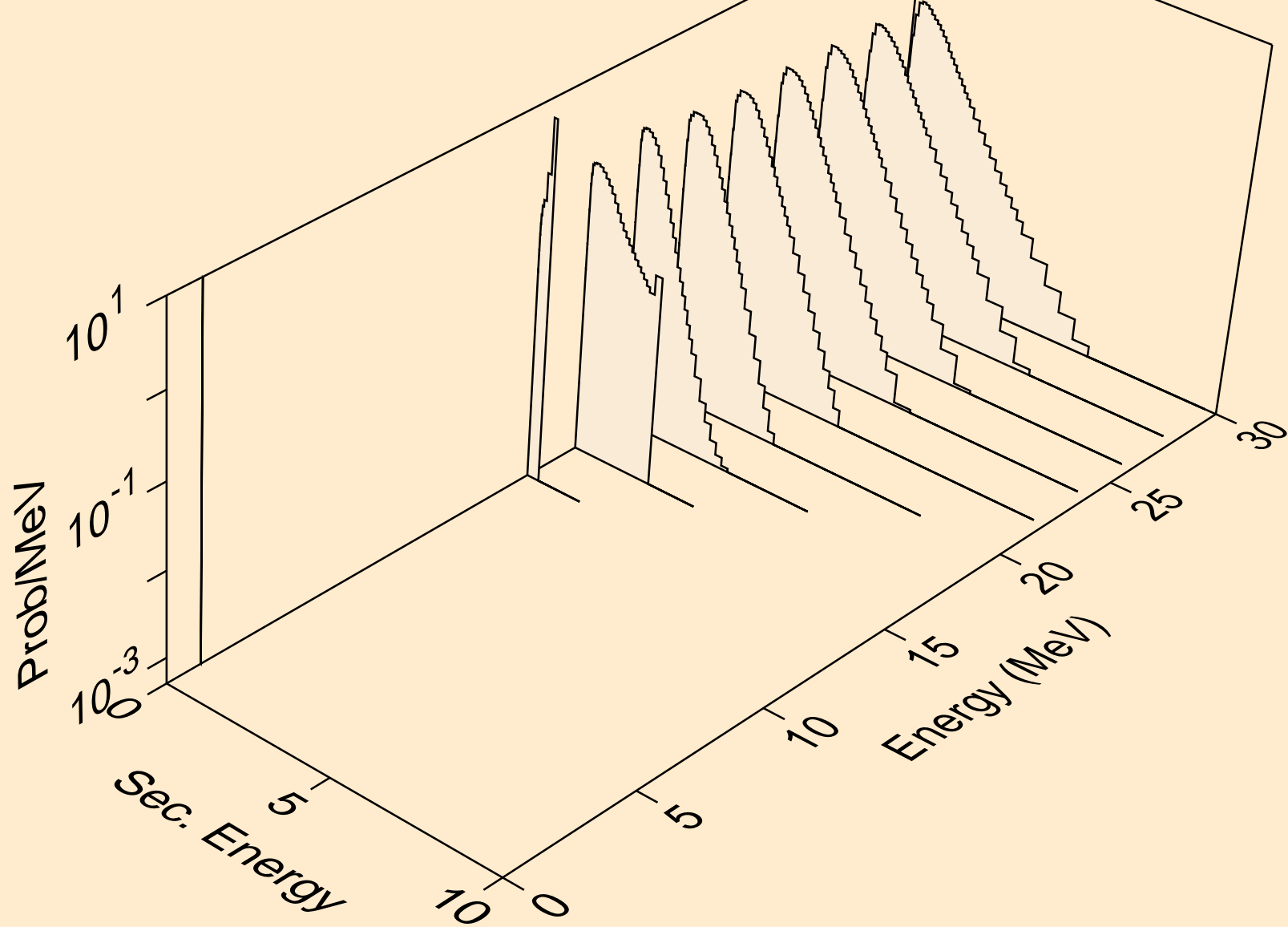
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



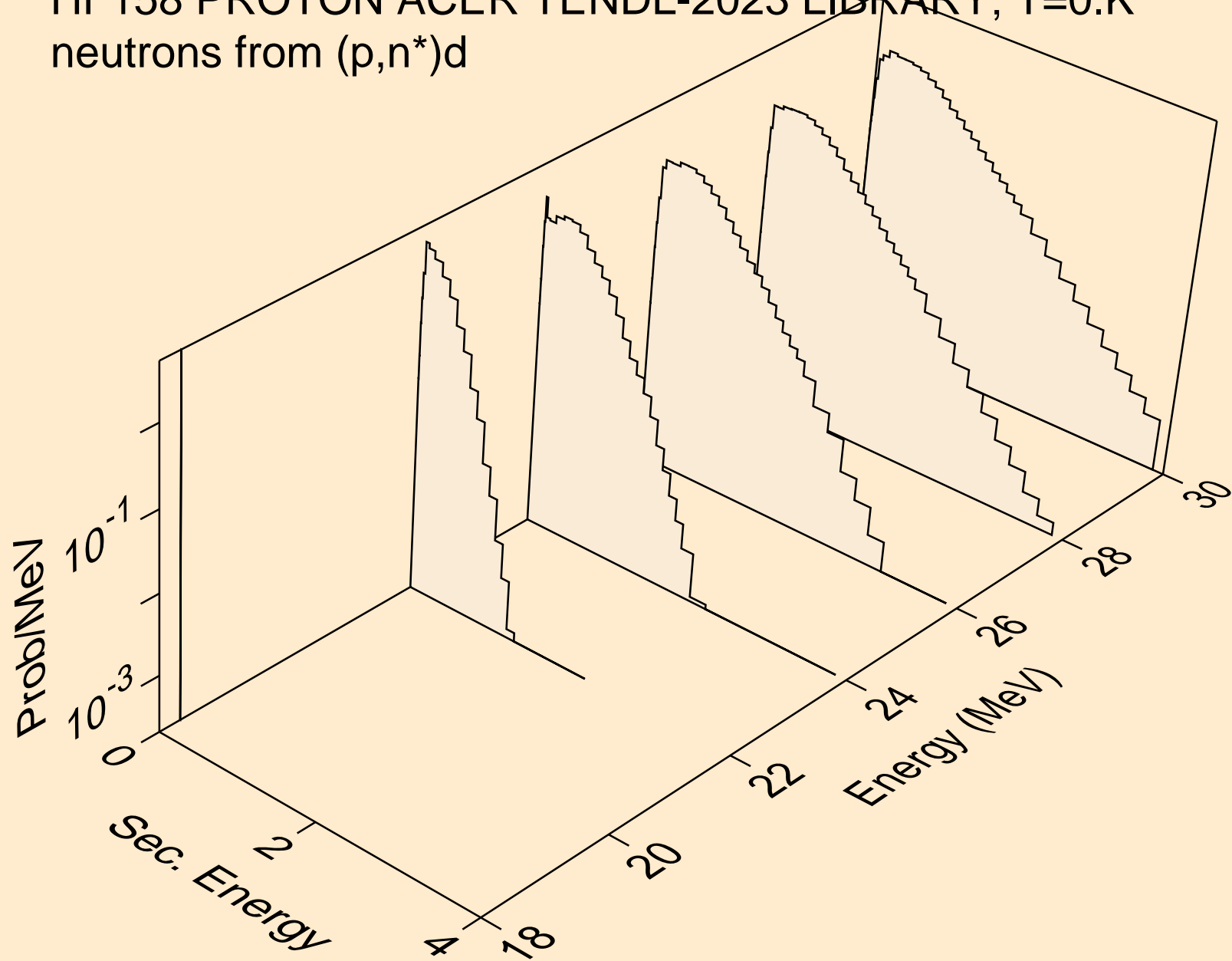
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

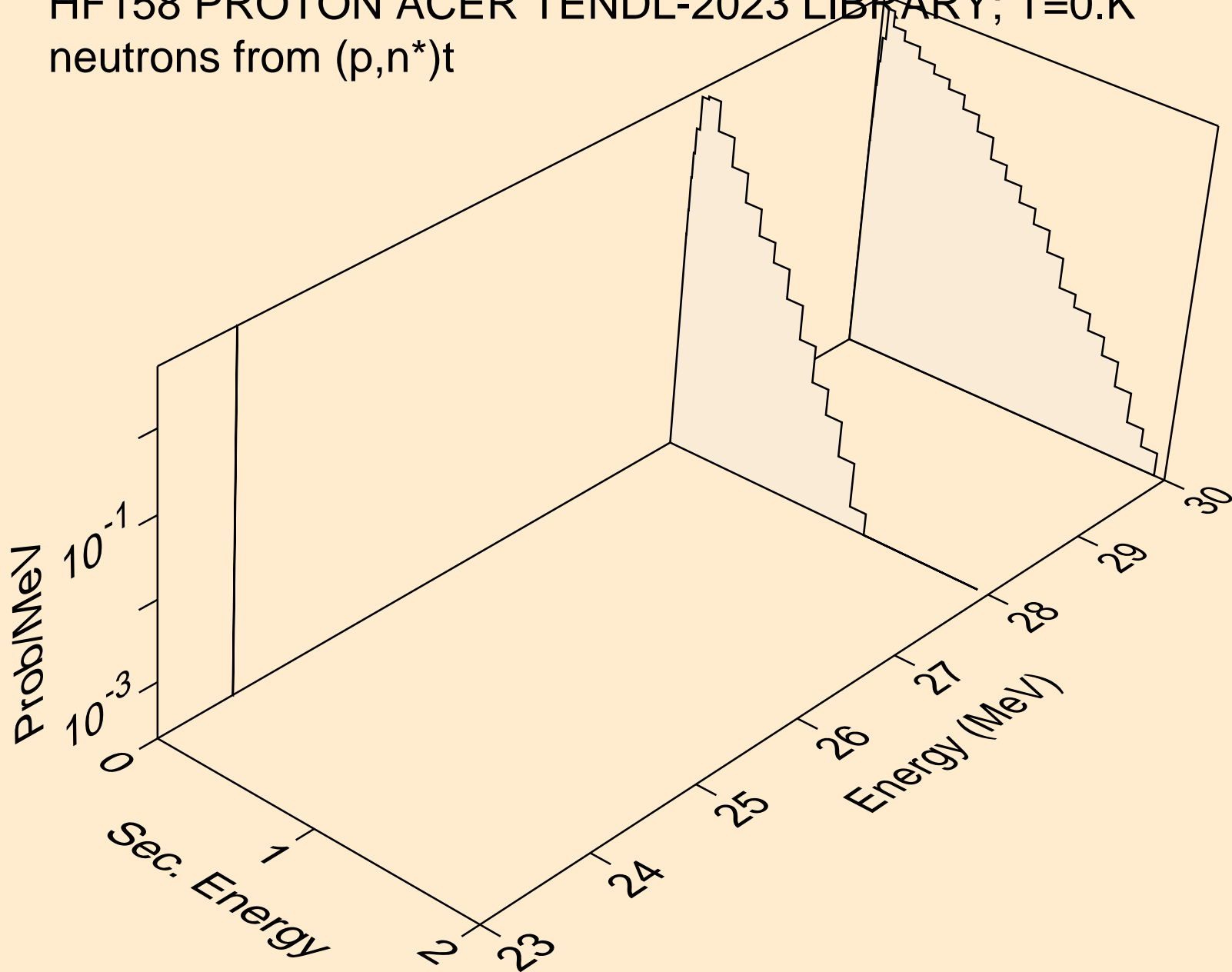


HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

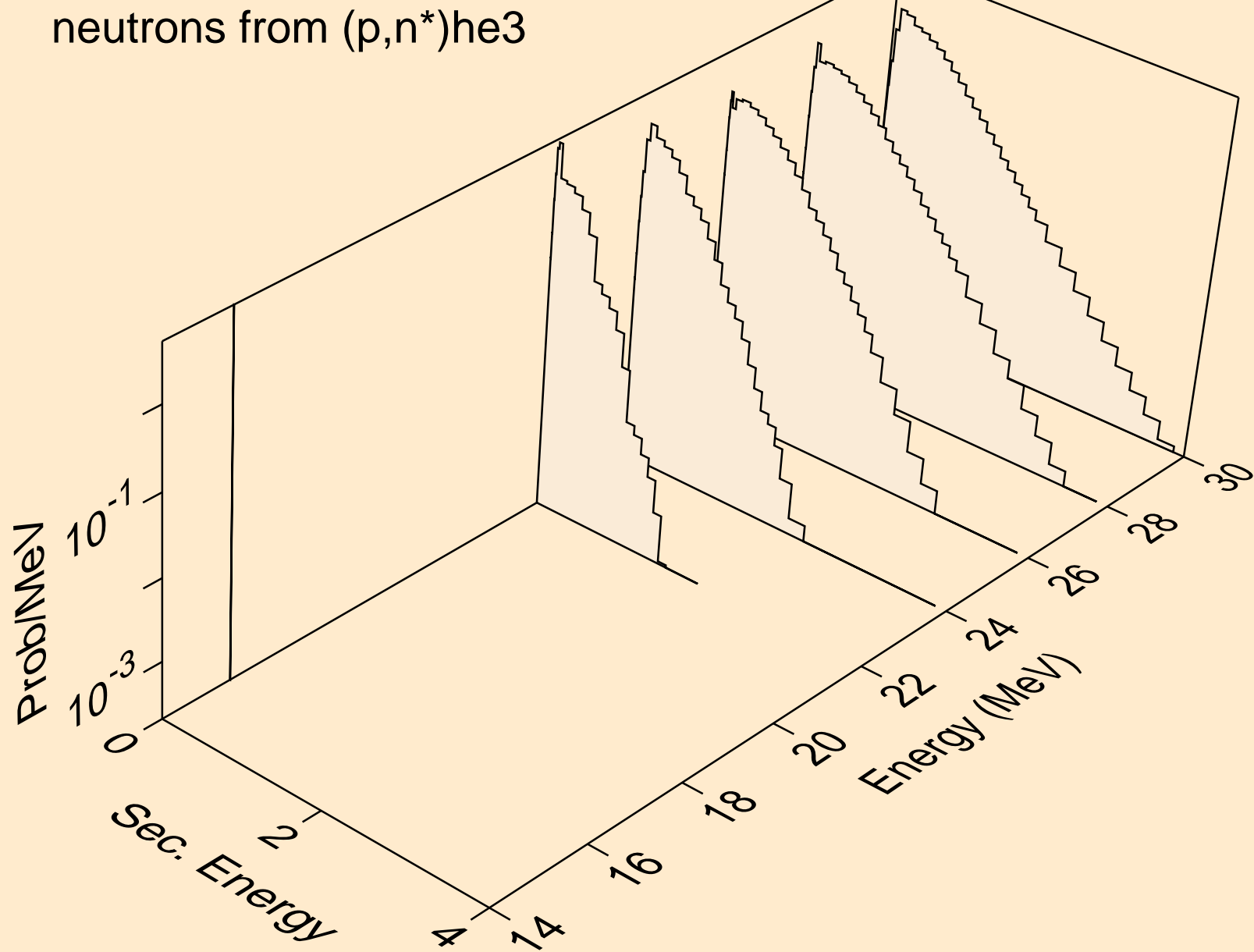




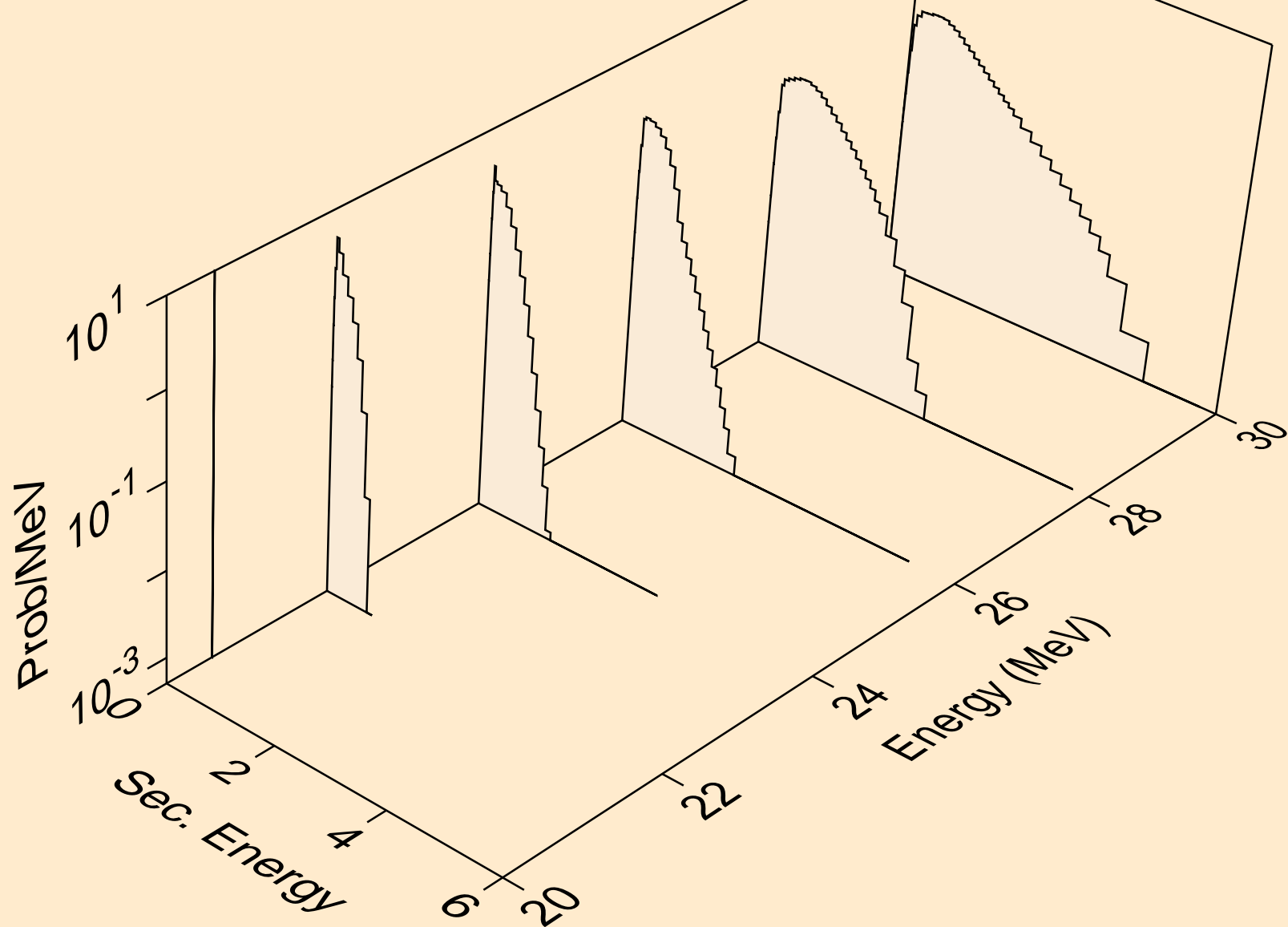
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neutrons from (p,n\*)t



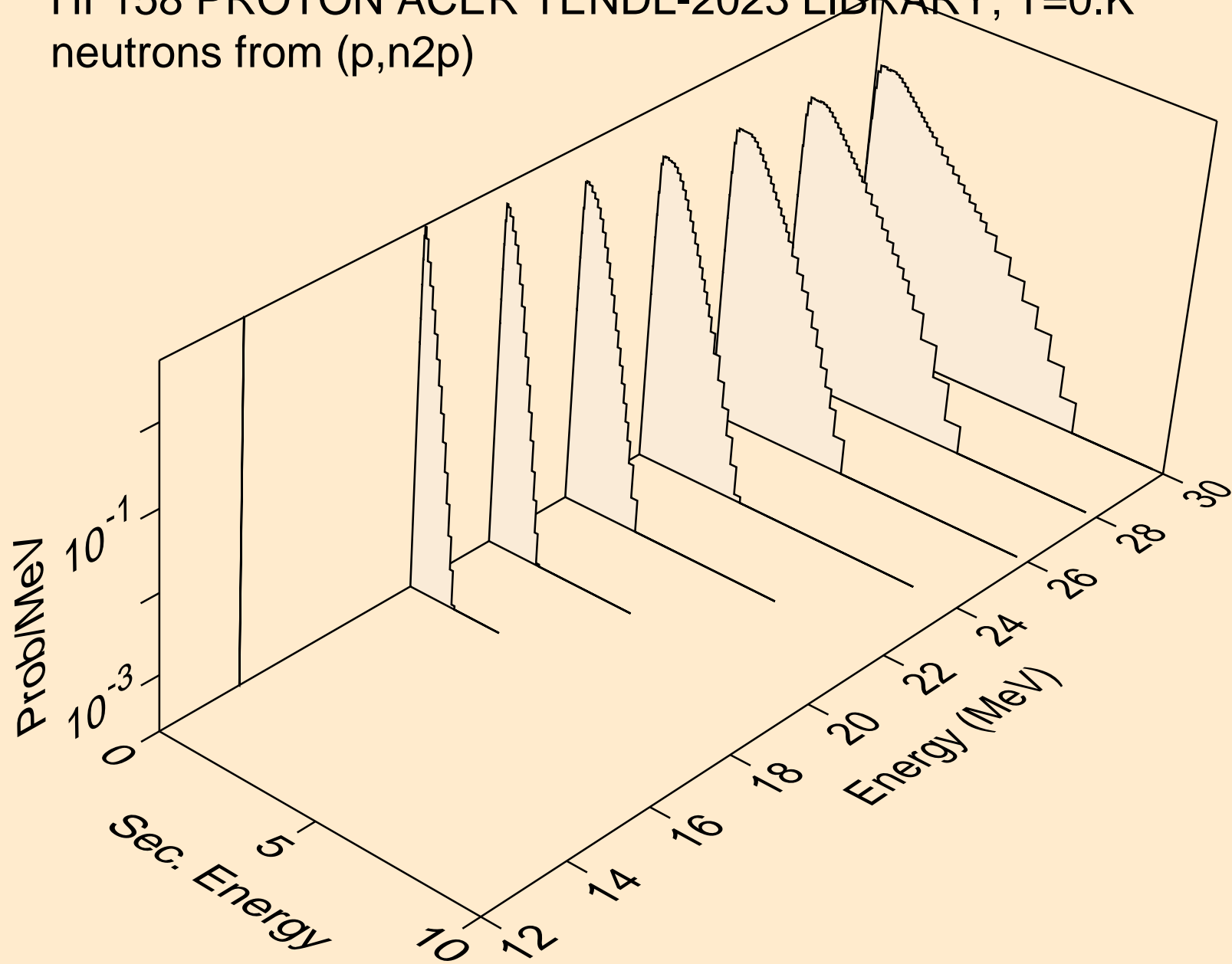
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



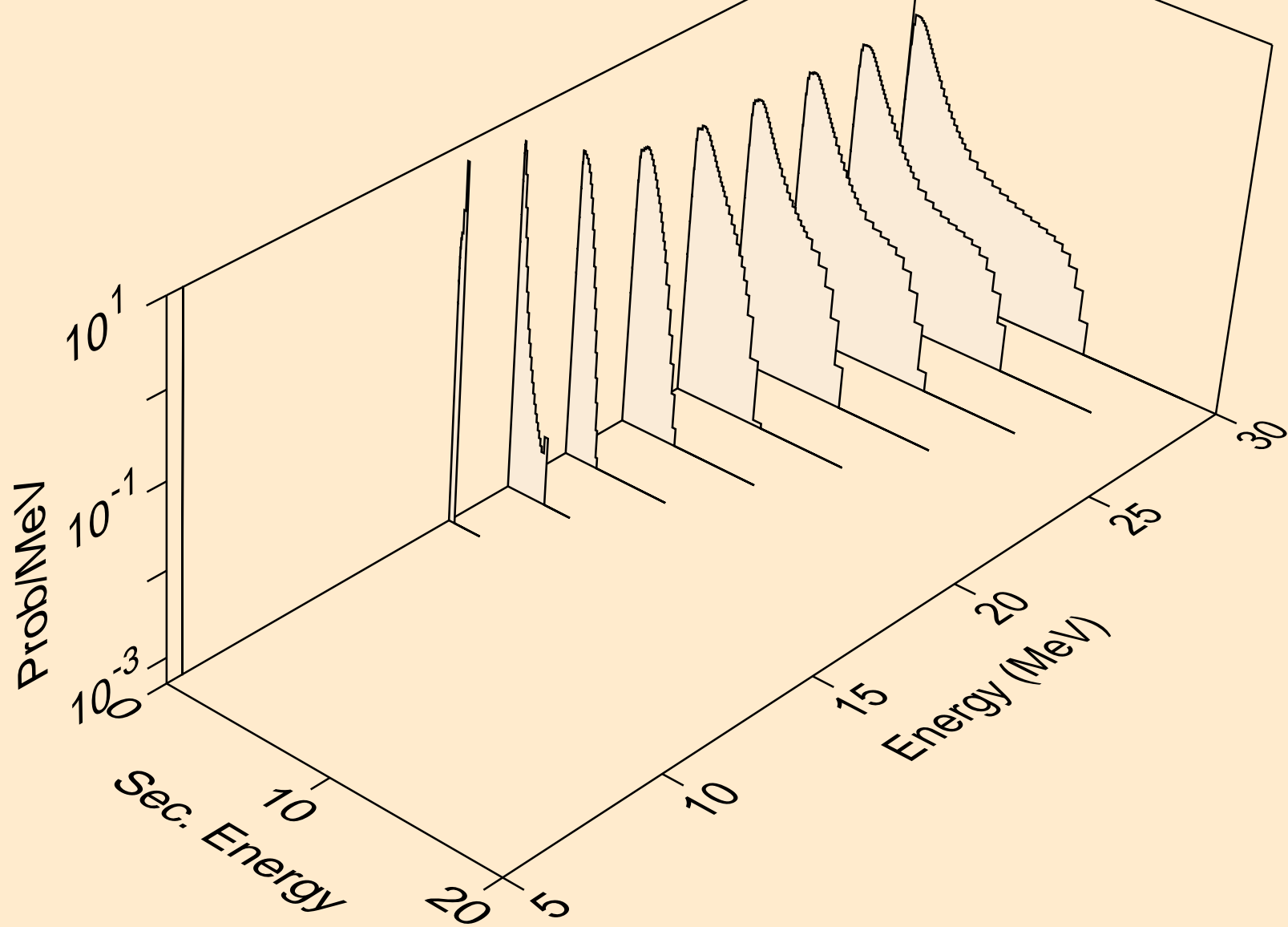
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neutrons from (p,2np)



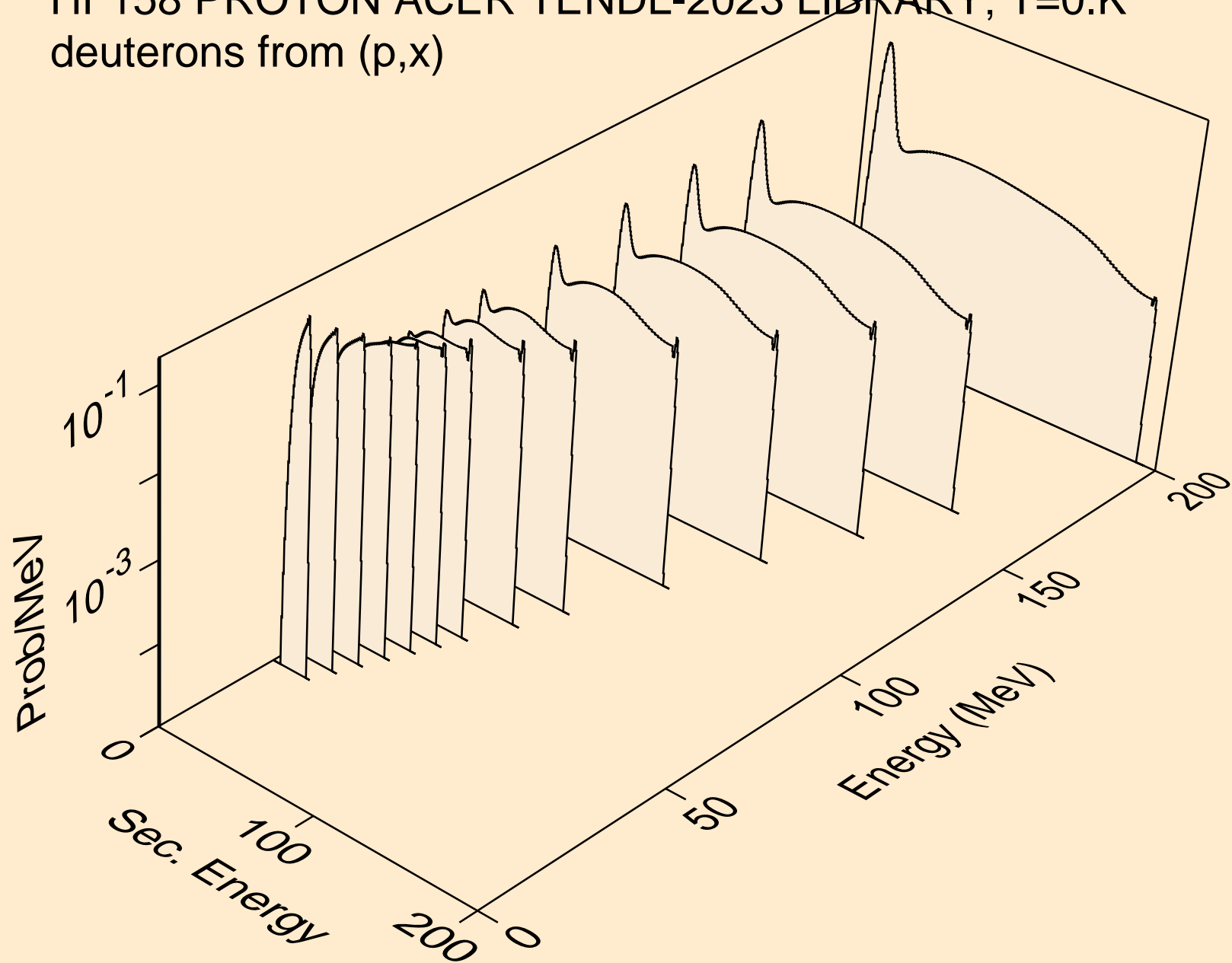
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neutrons from (p,n2p)



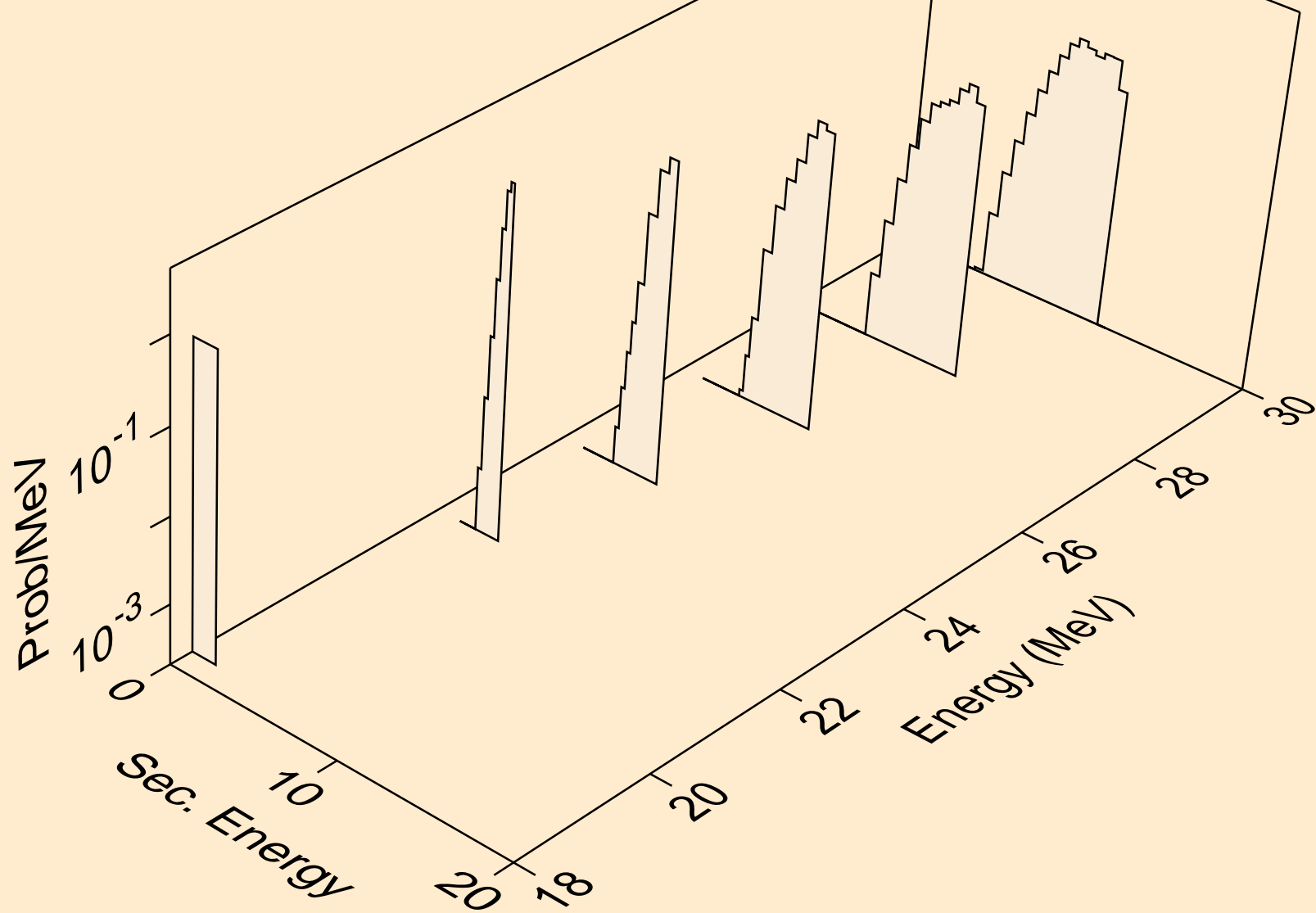
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neutrons from (p,npa)



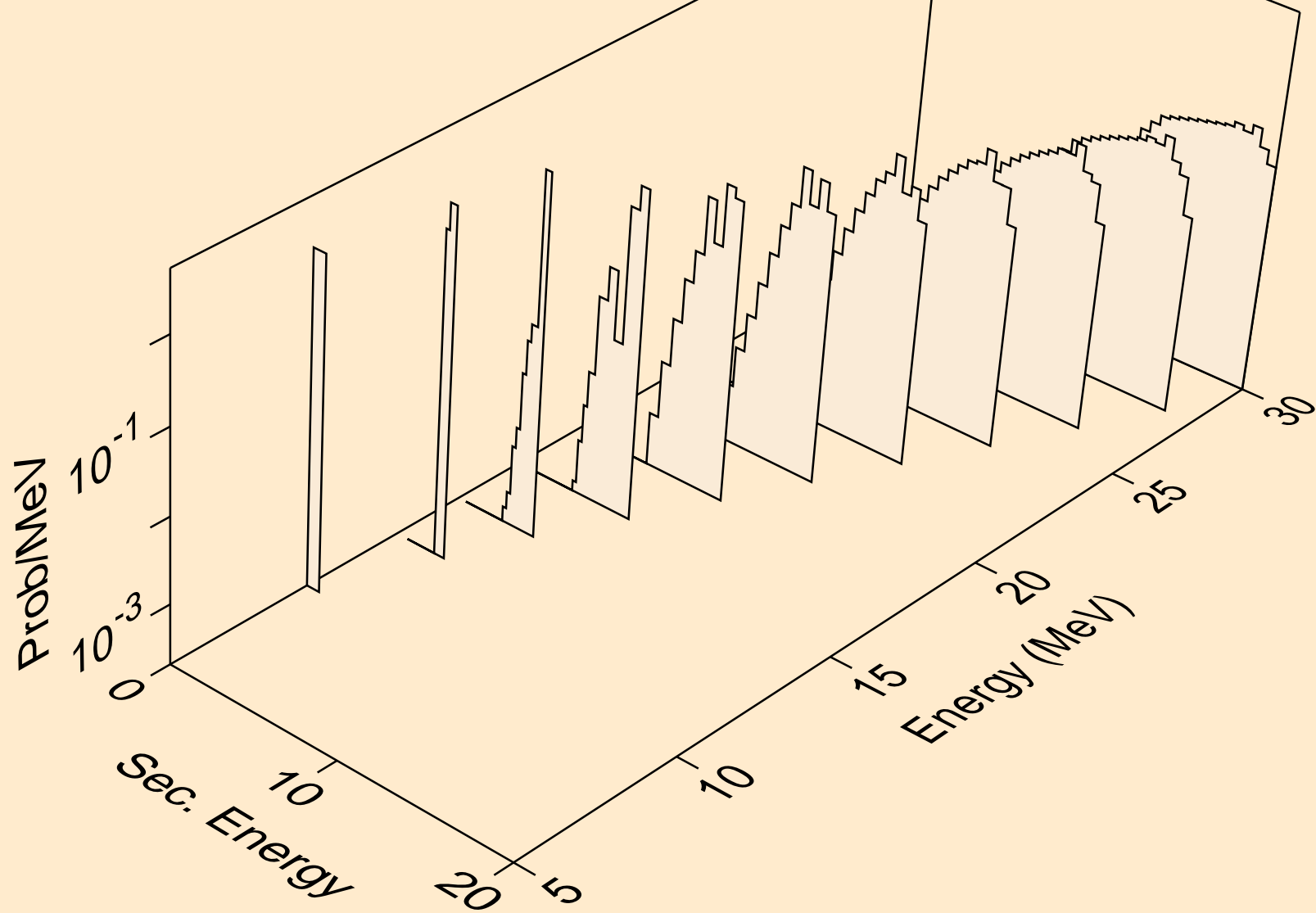
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

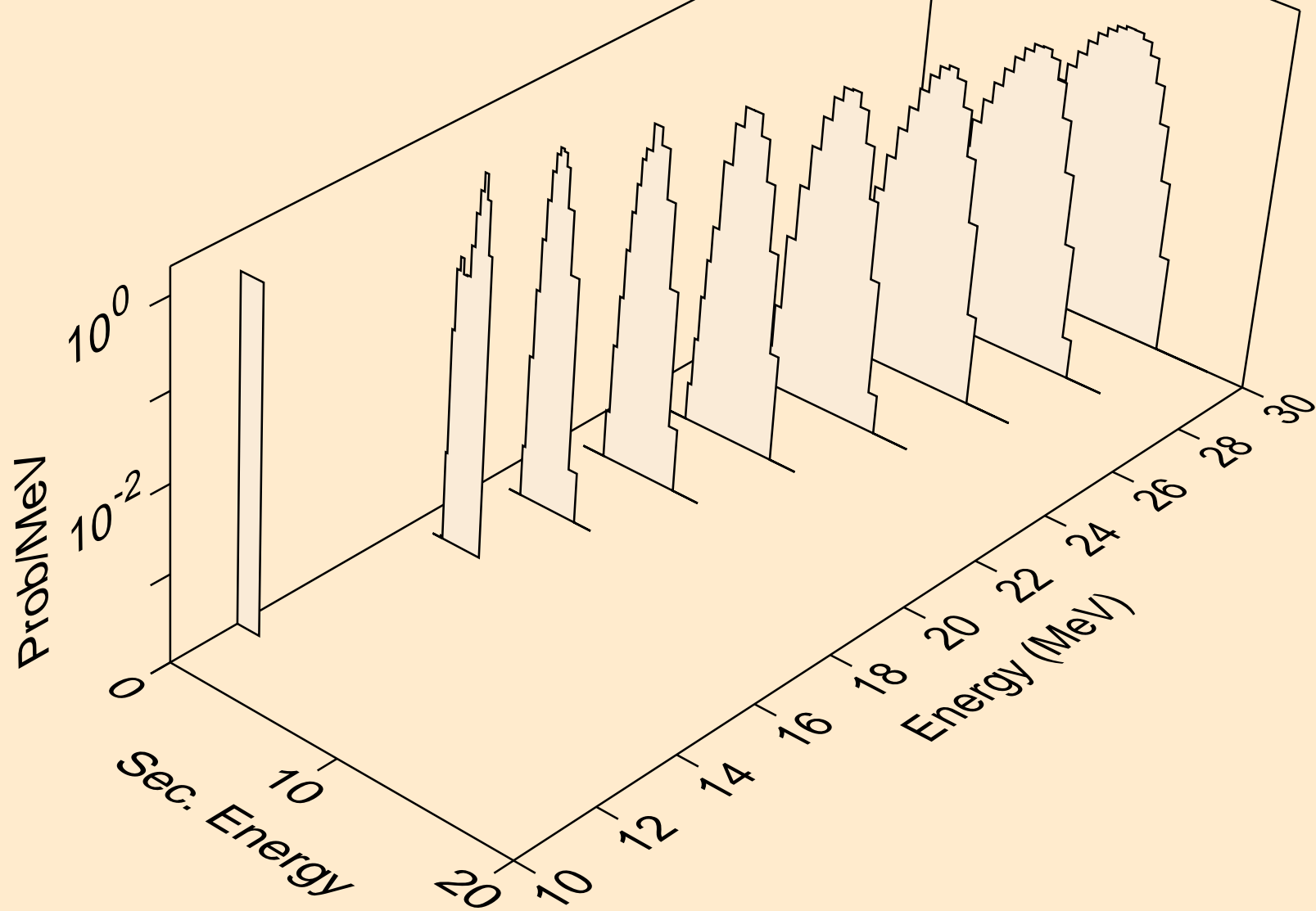


HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

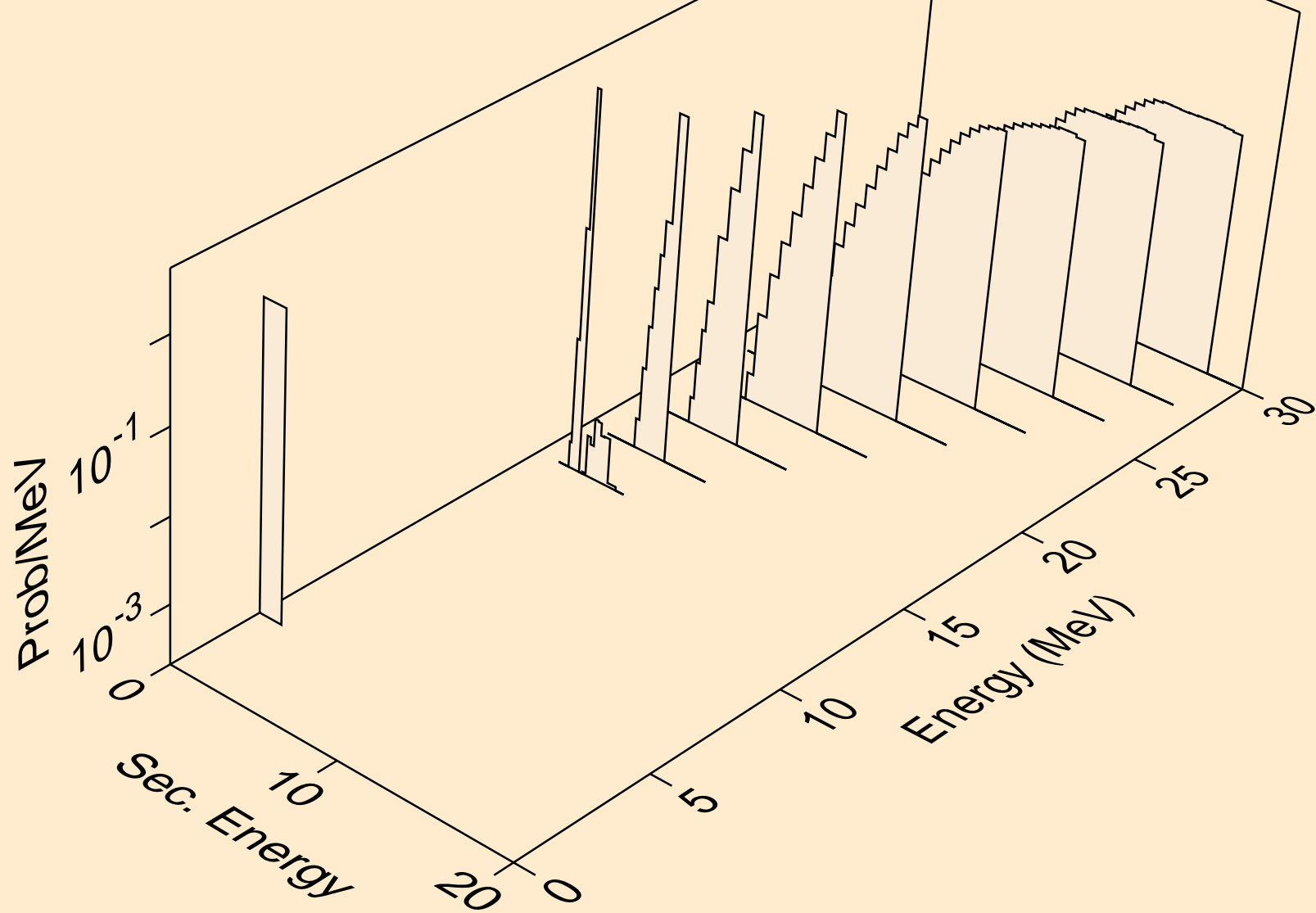




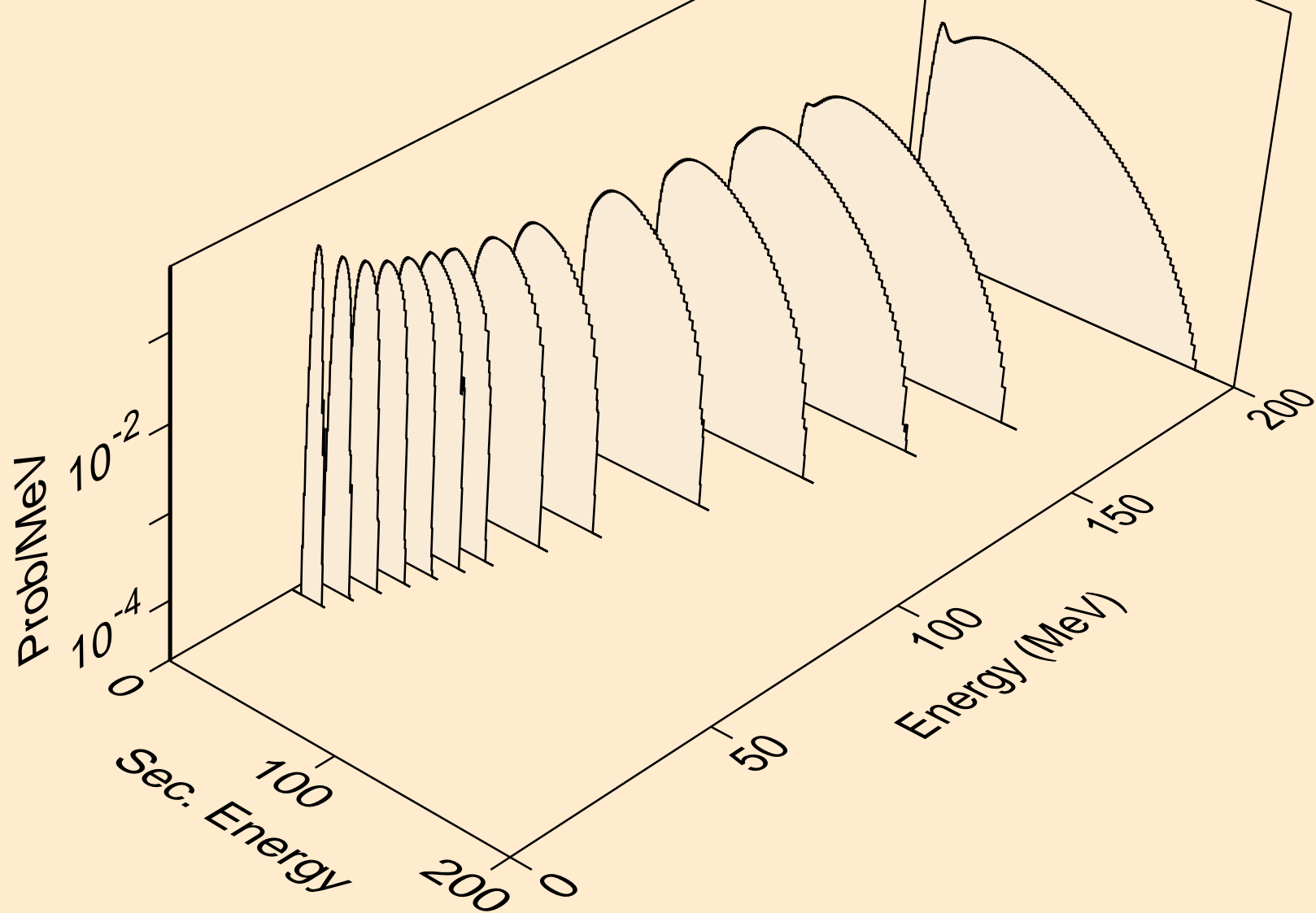
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deuterons from (p,pd)



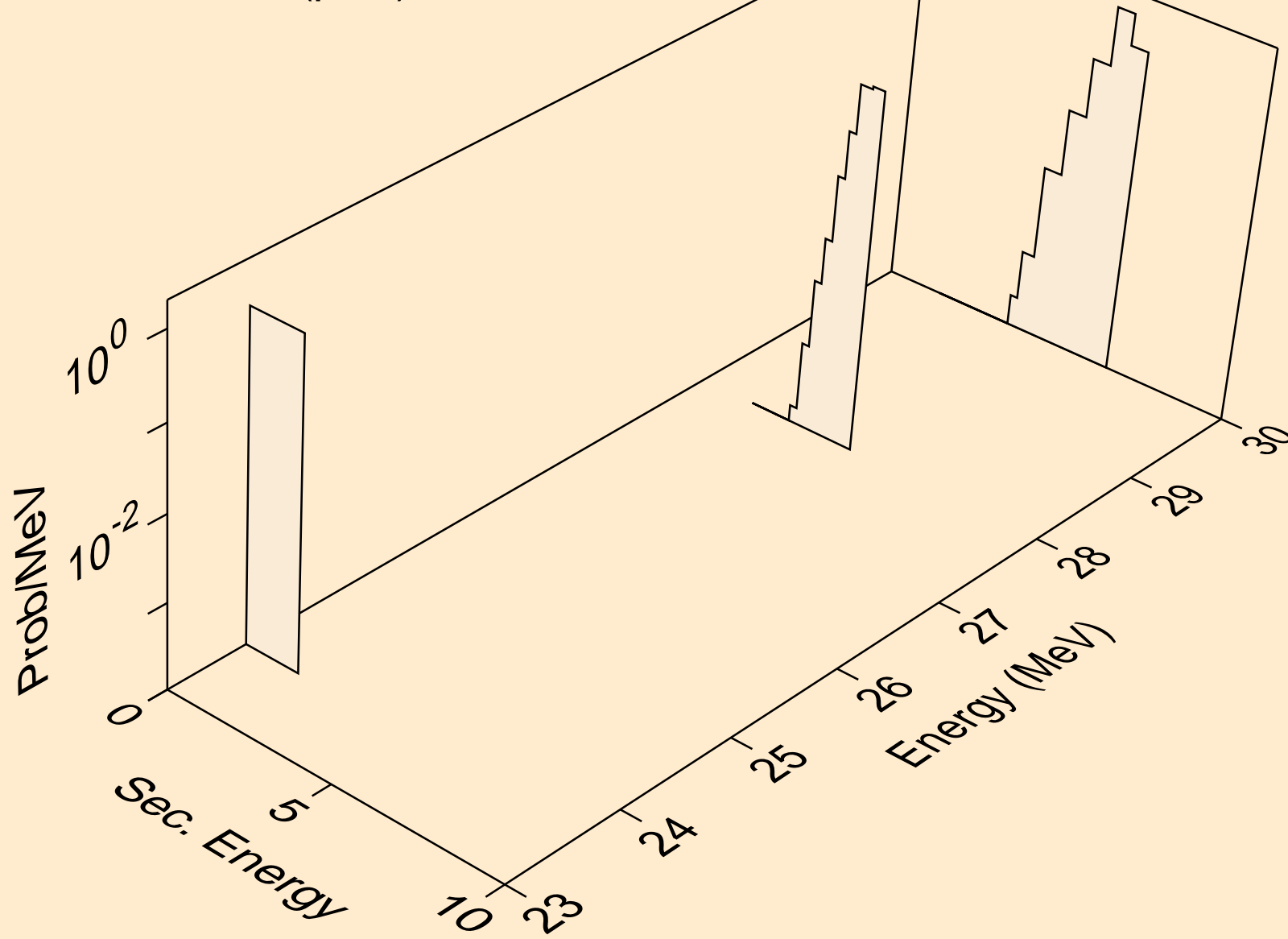
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



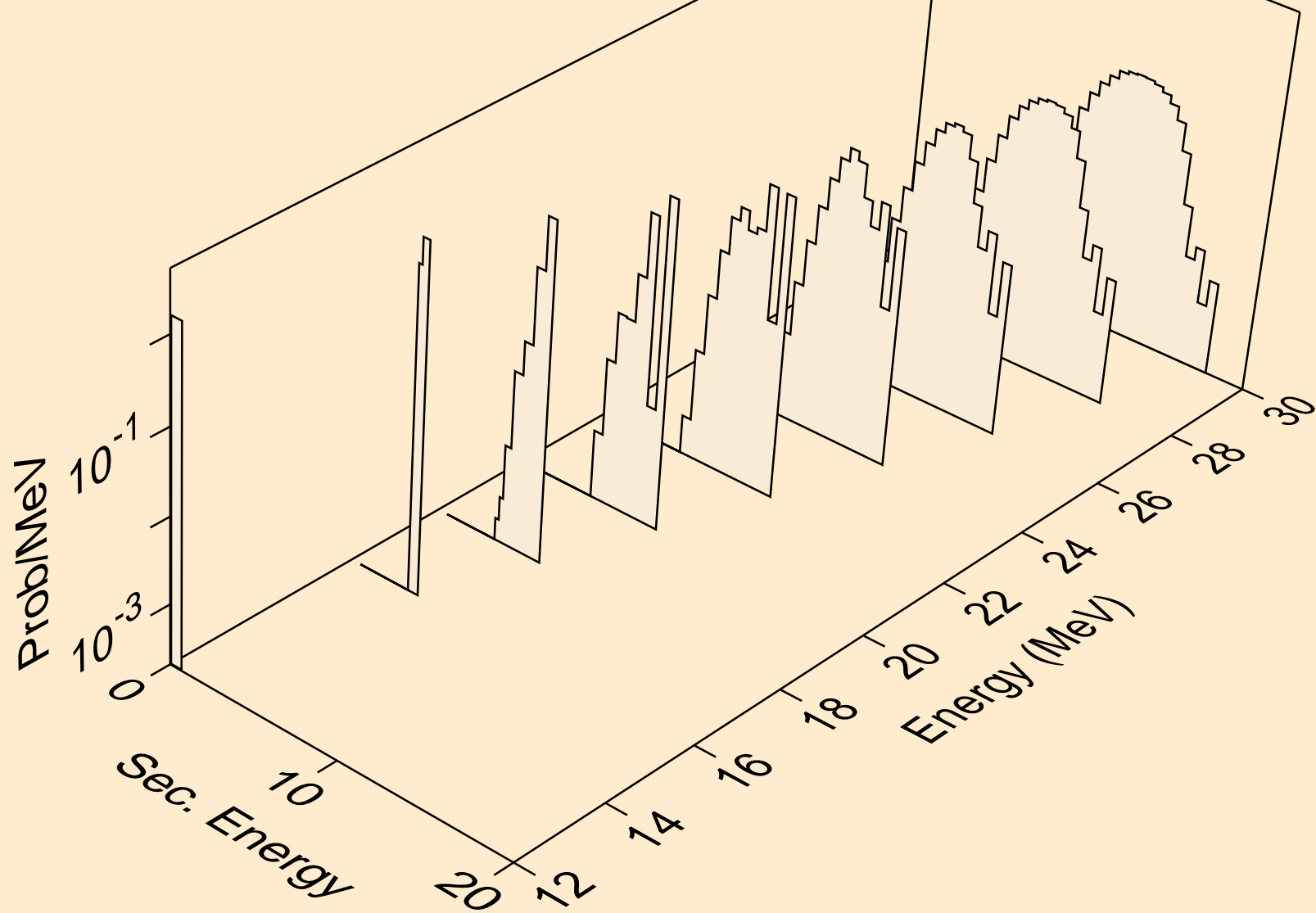
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



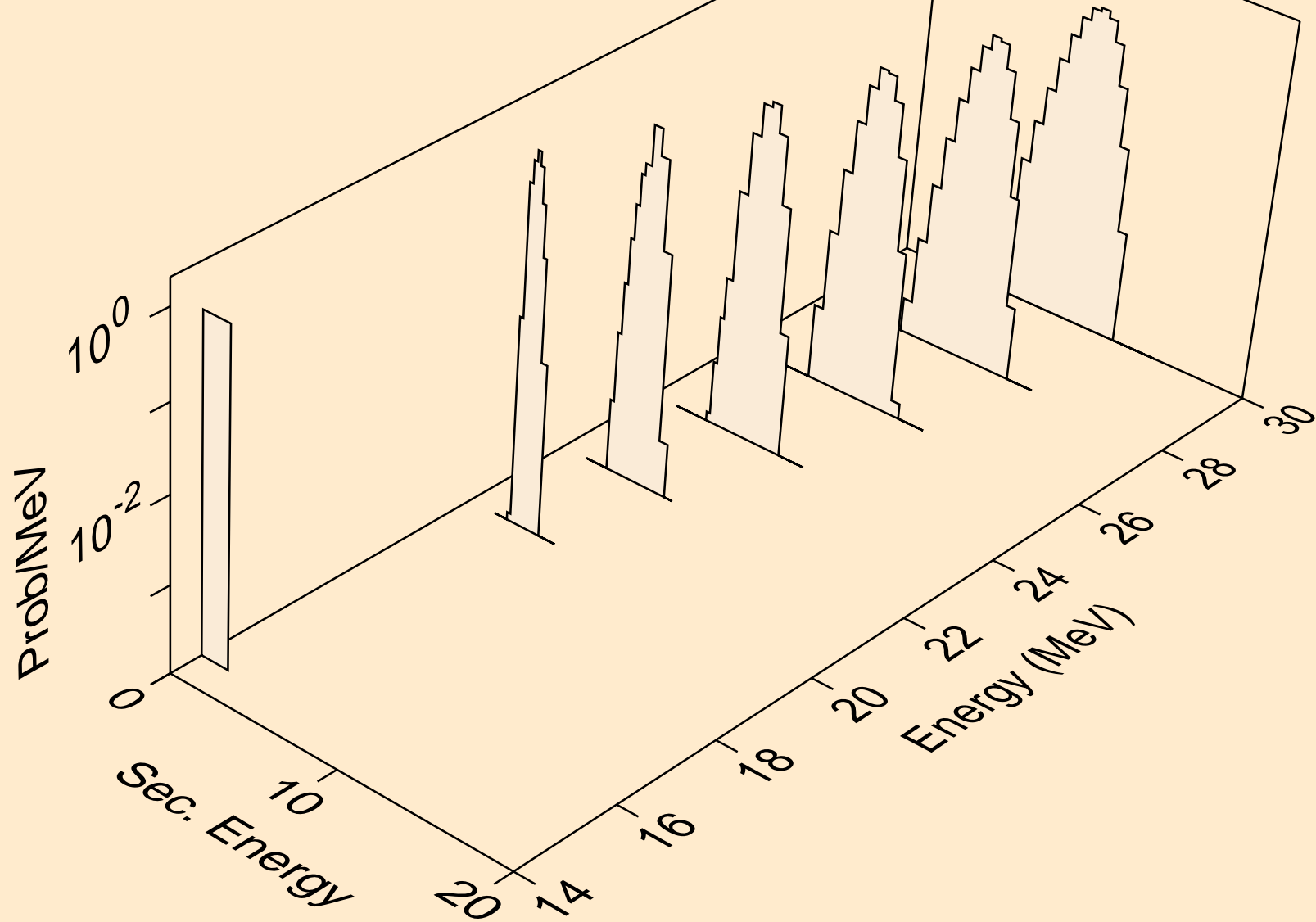
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



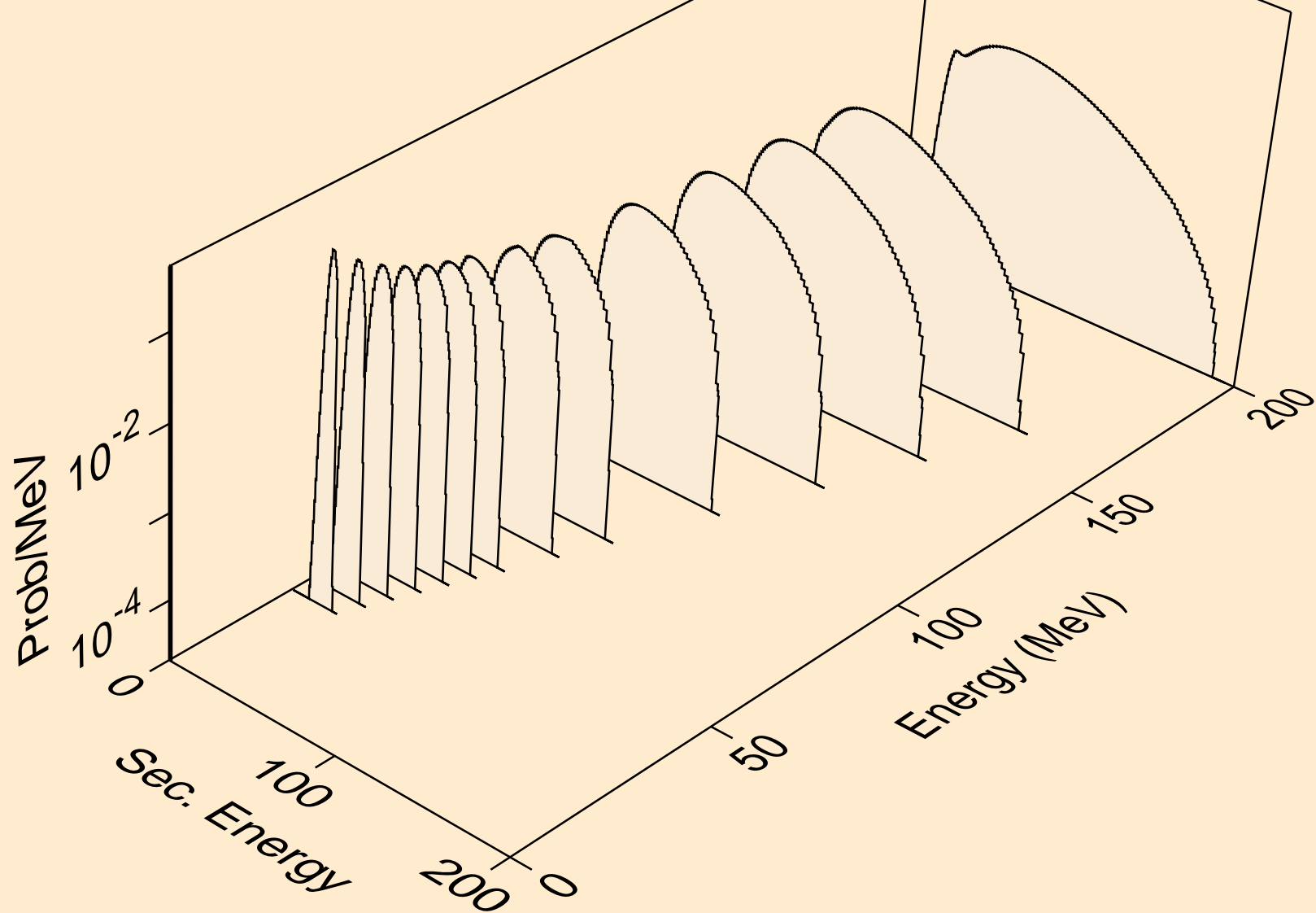
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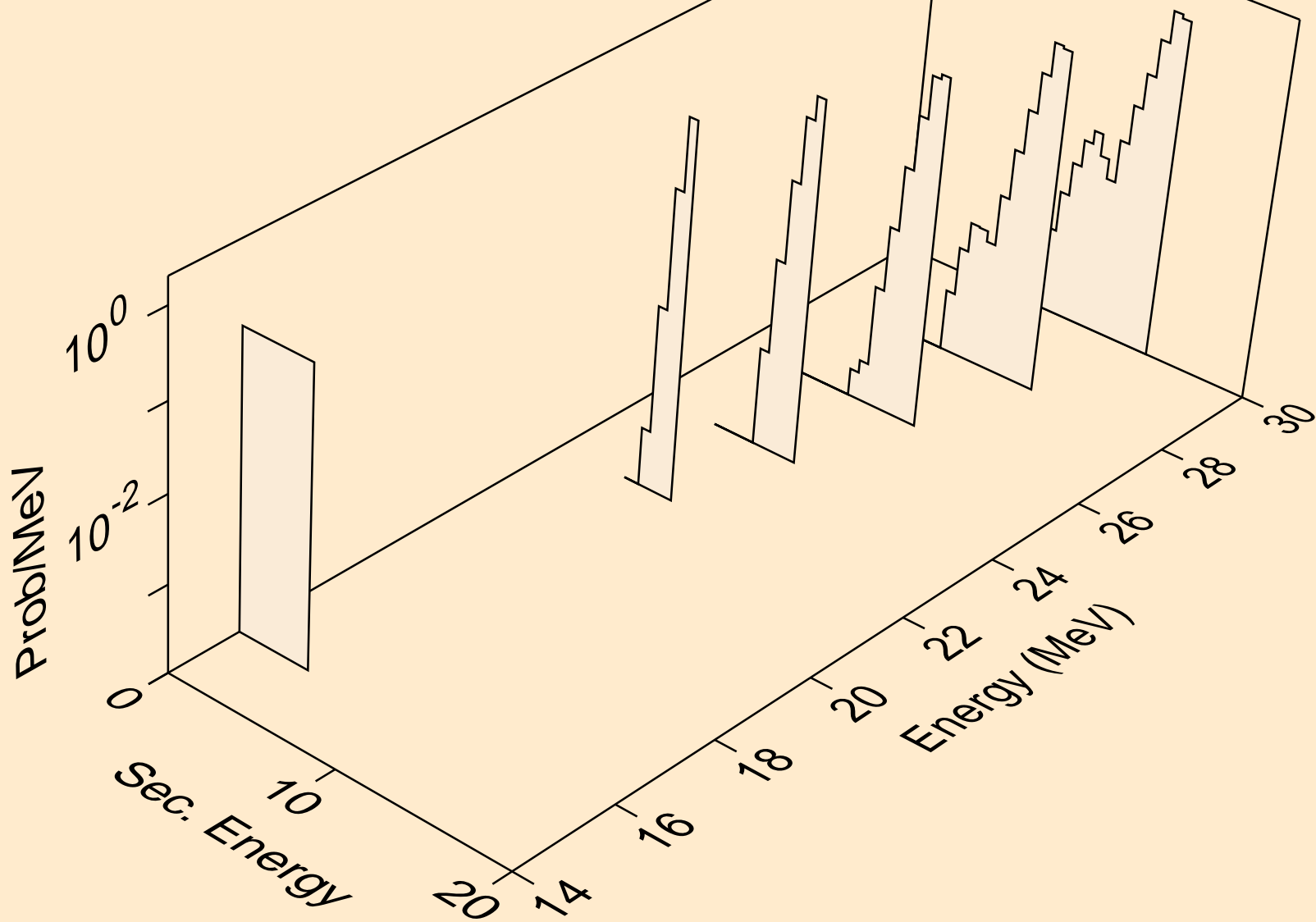
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

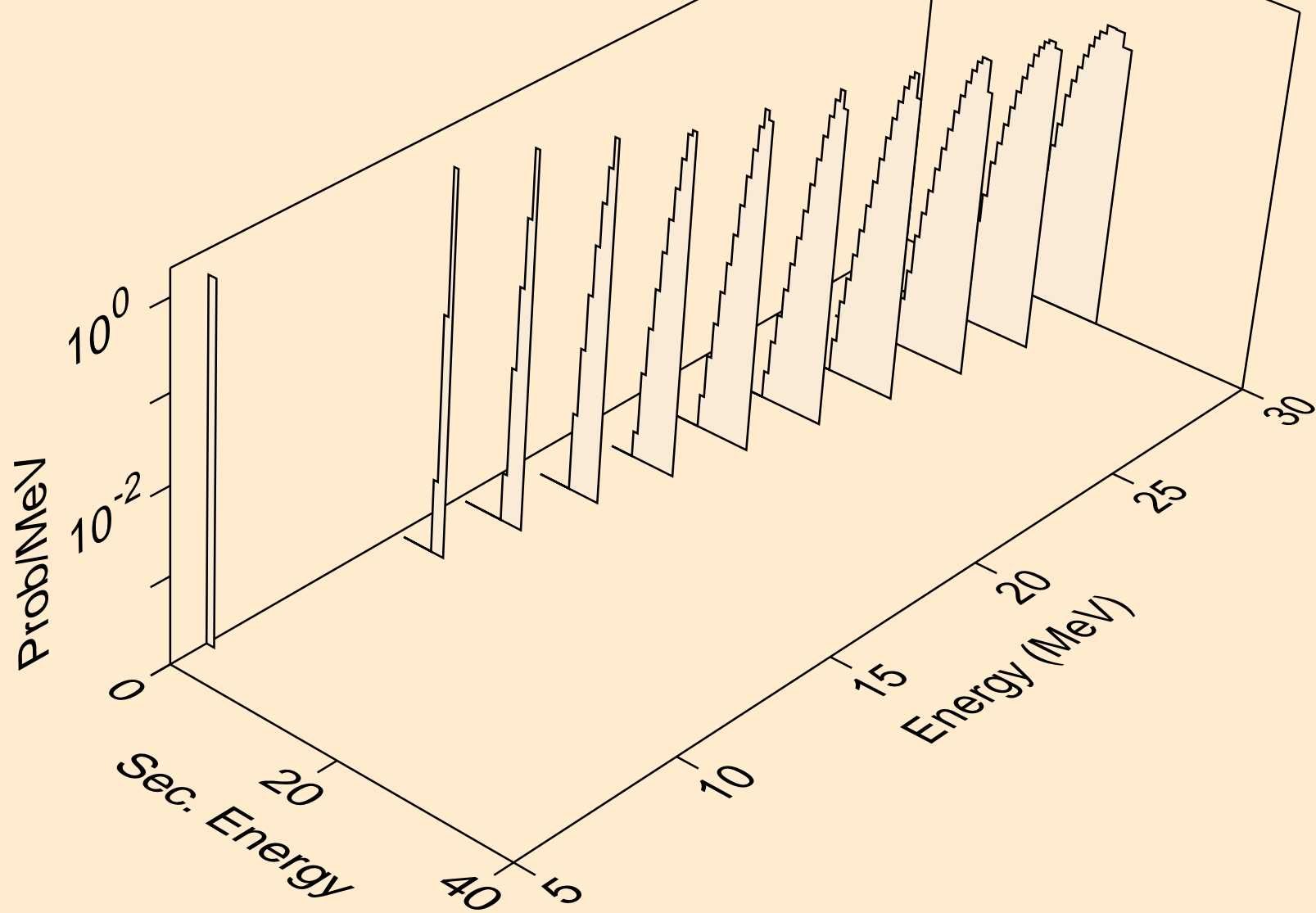


HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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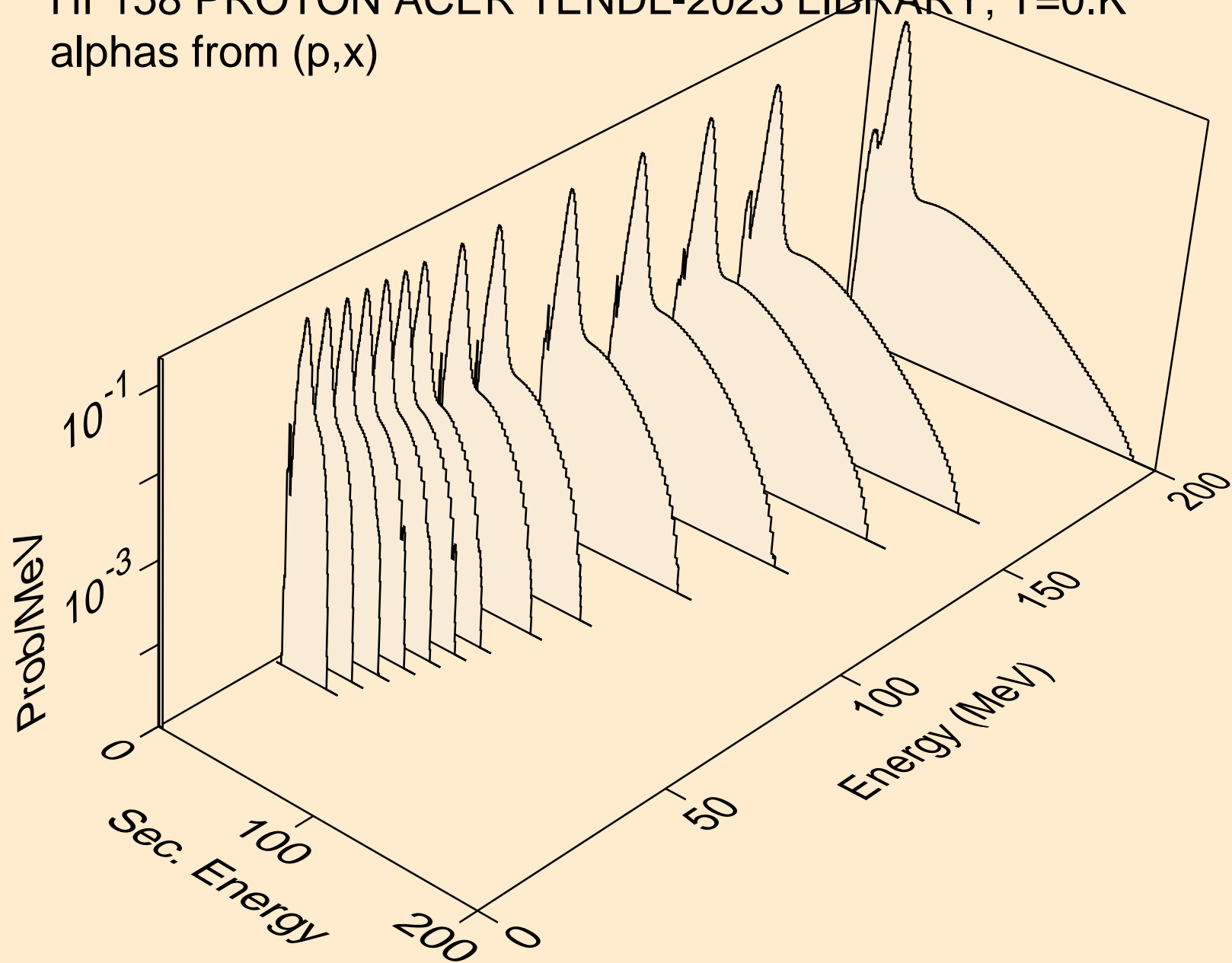




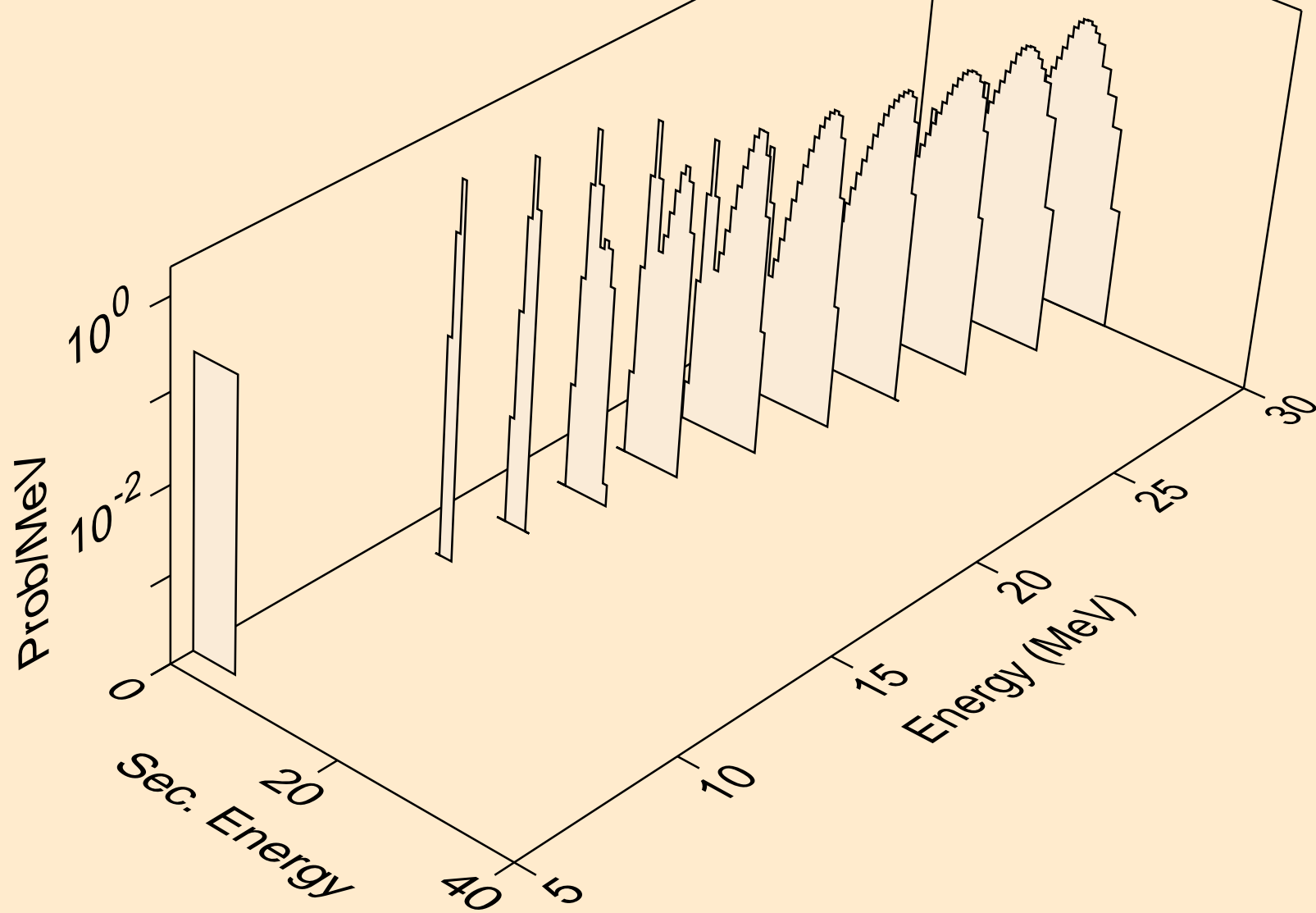
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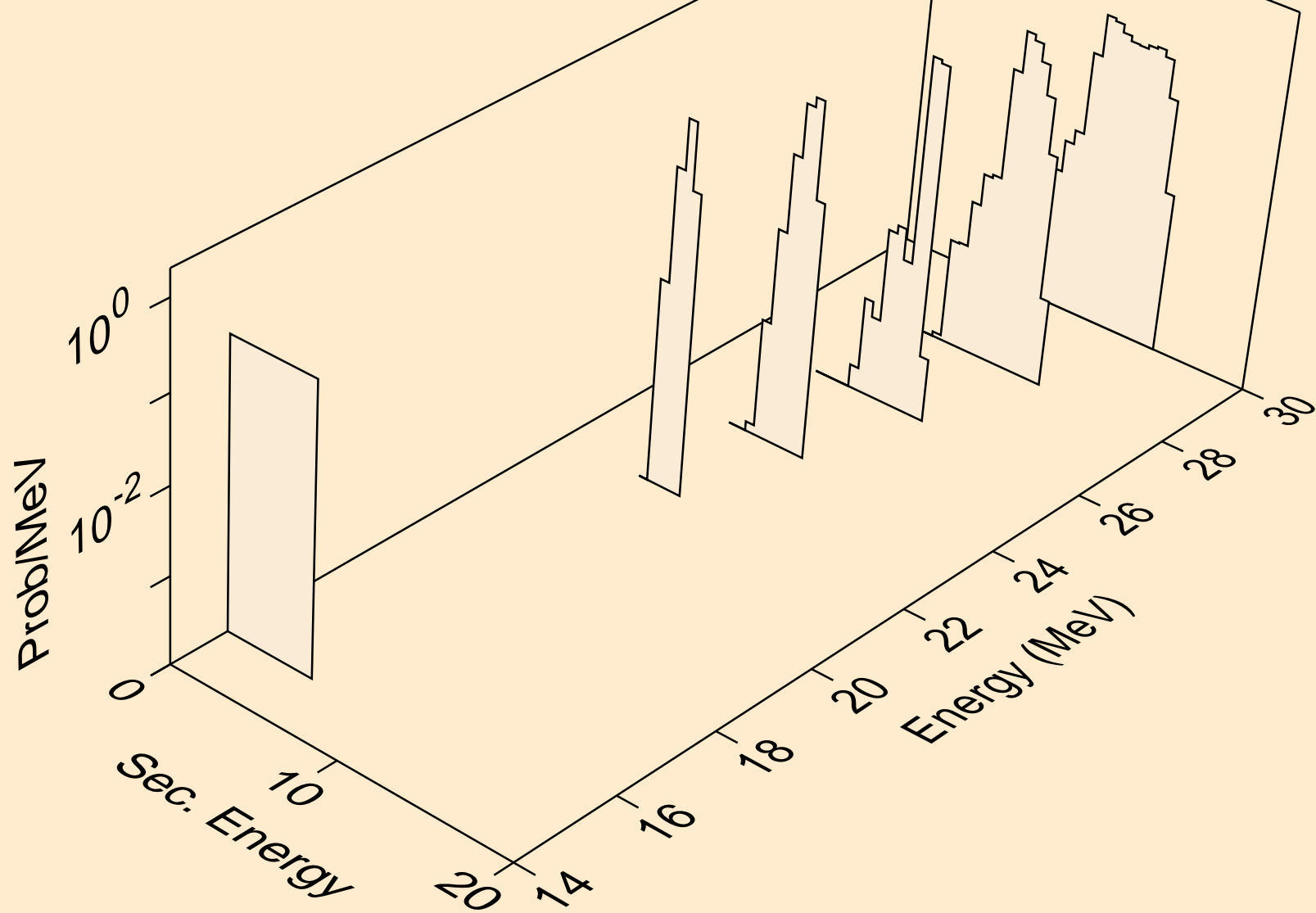
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alphas from (p,x)



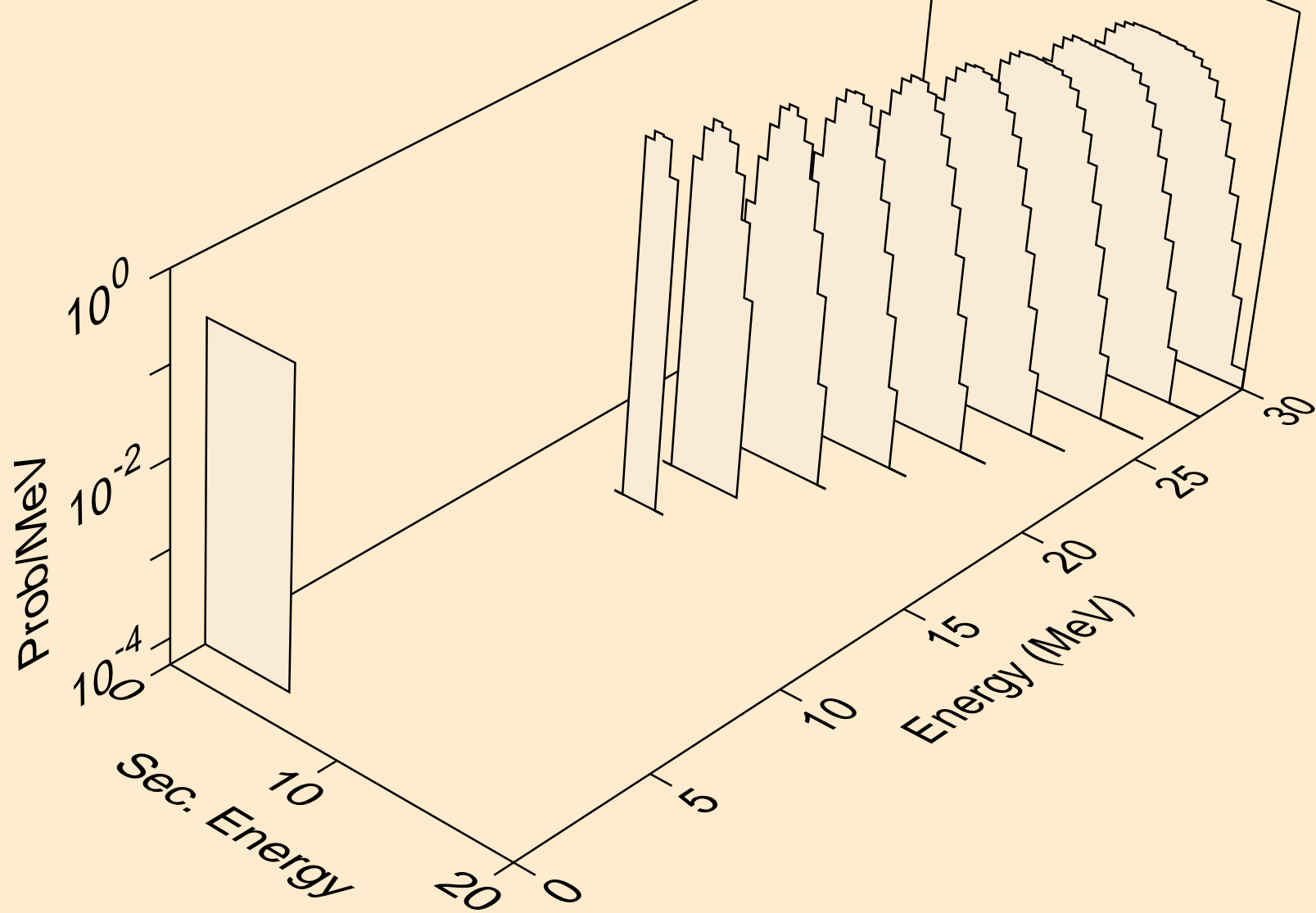
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



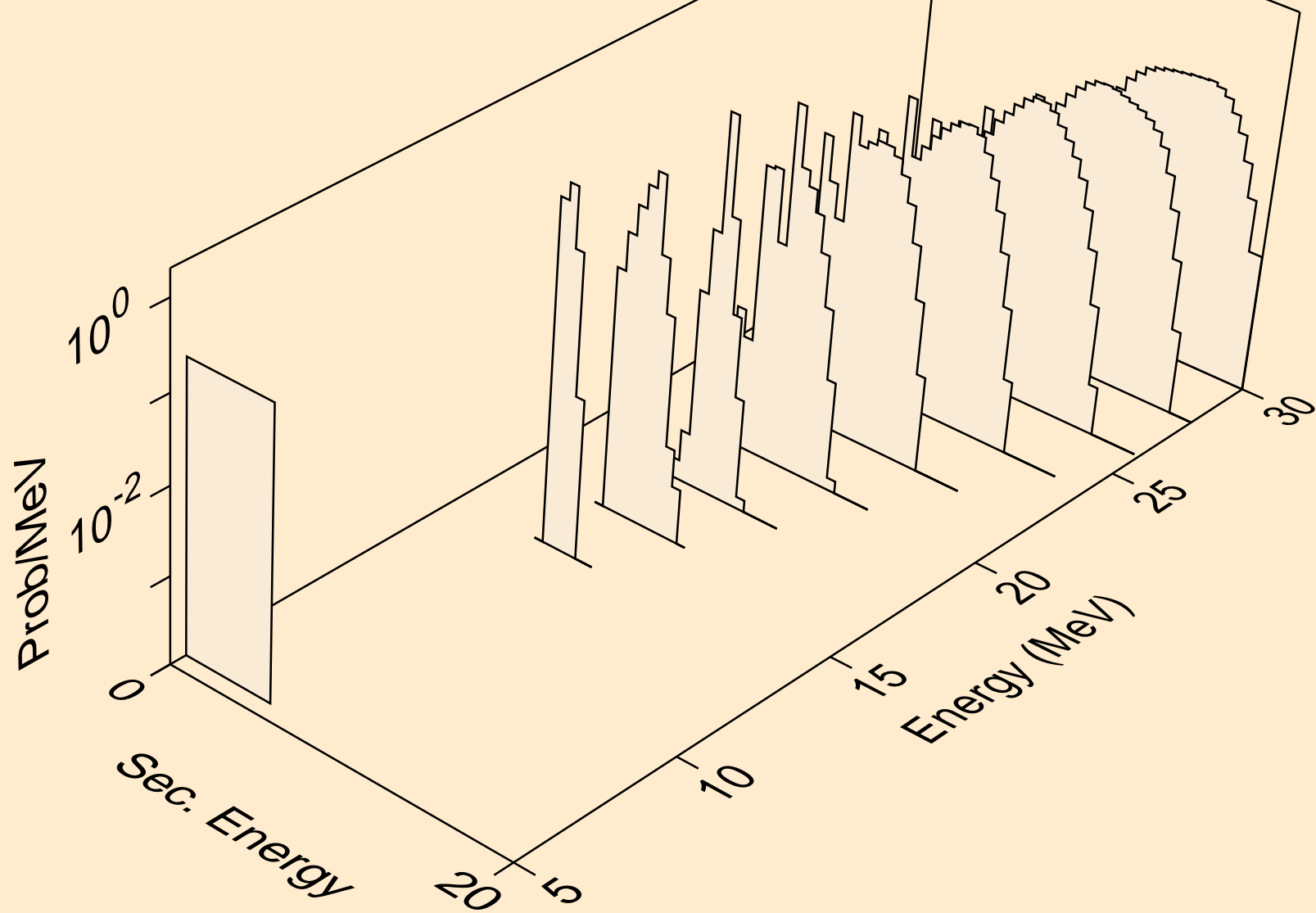
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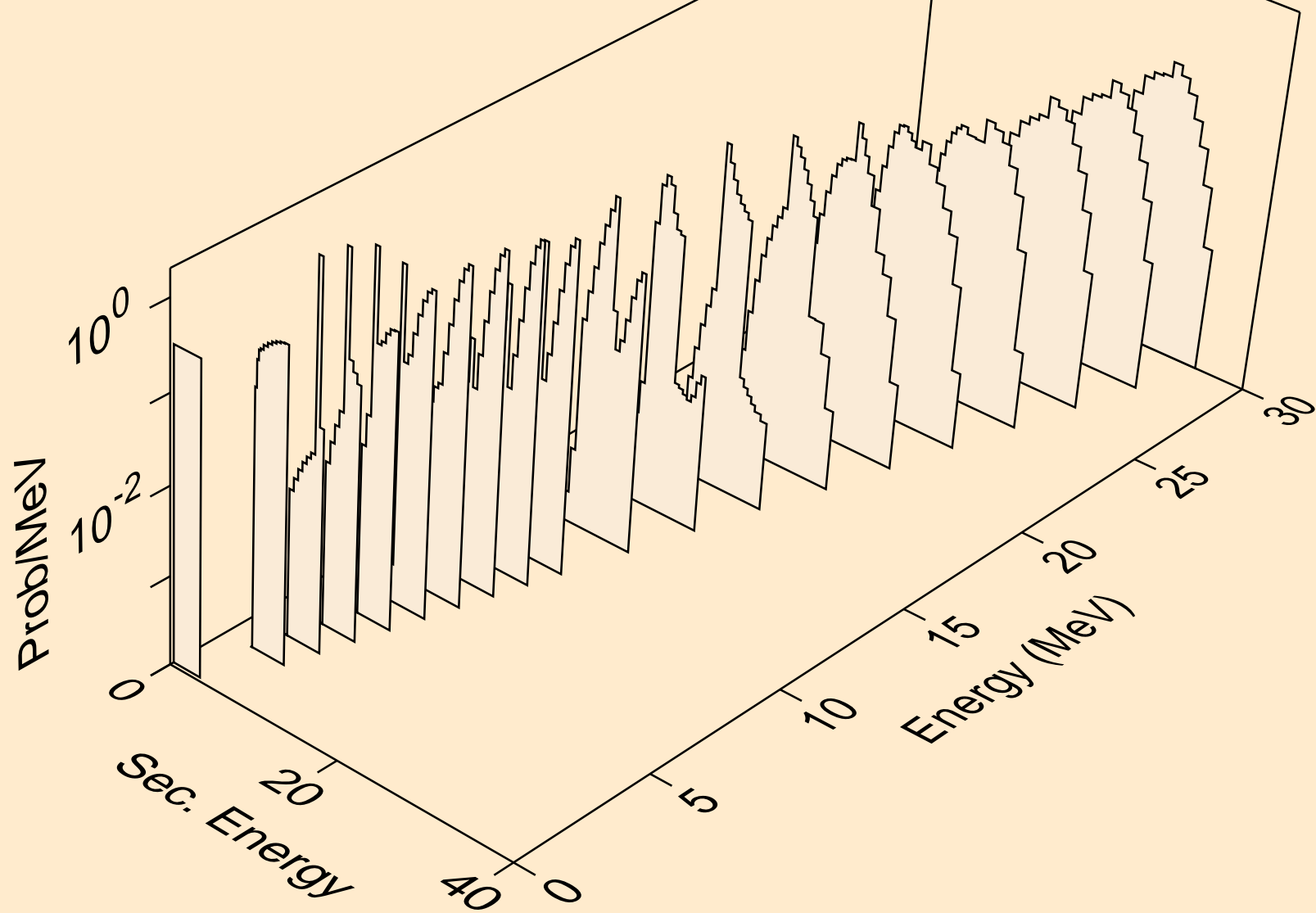
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alphas from (p,n\*)2a



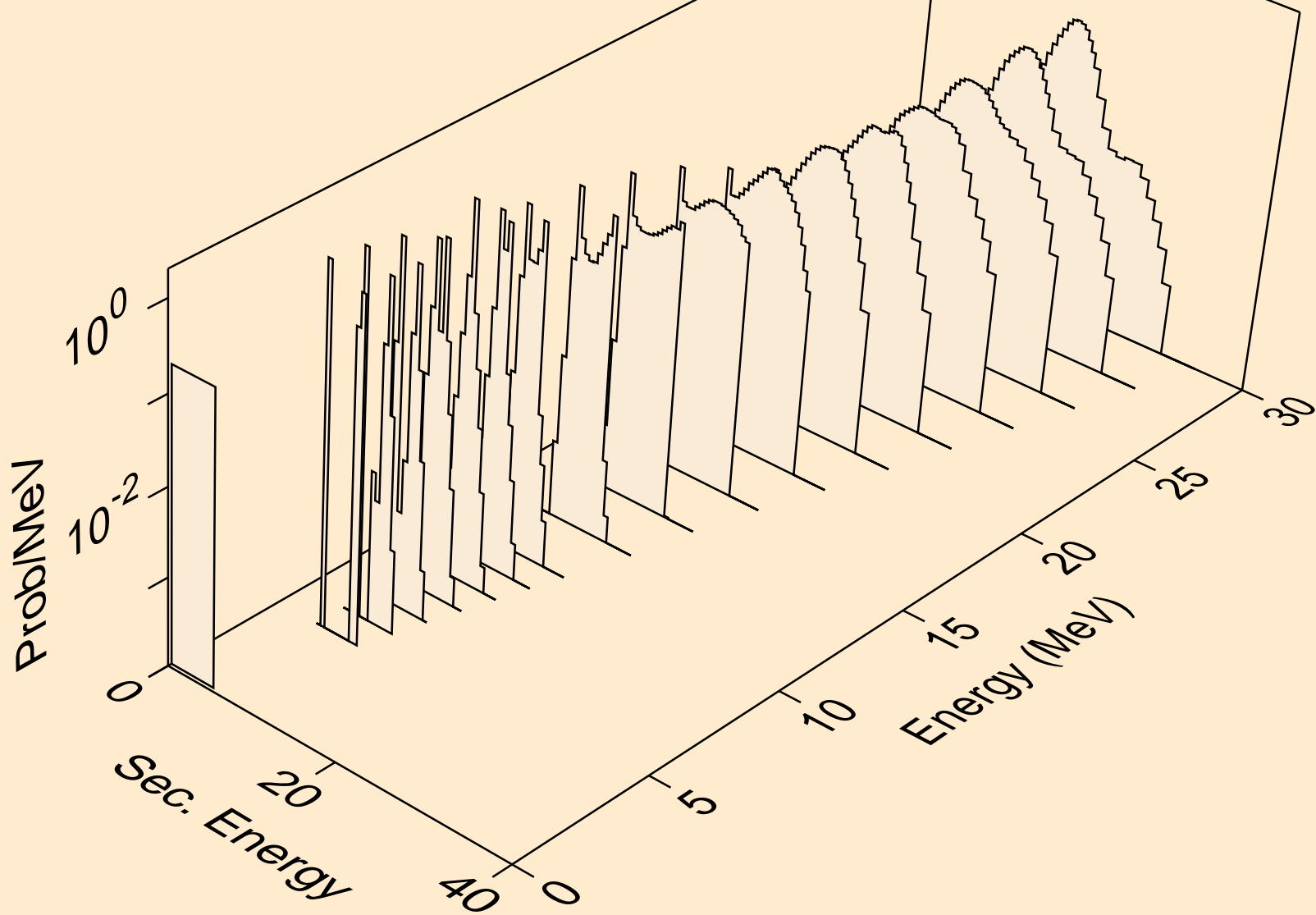
HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

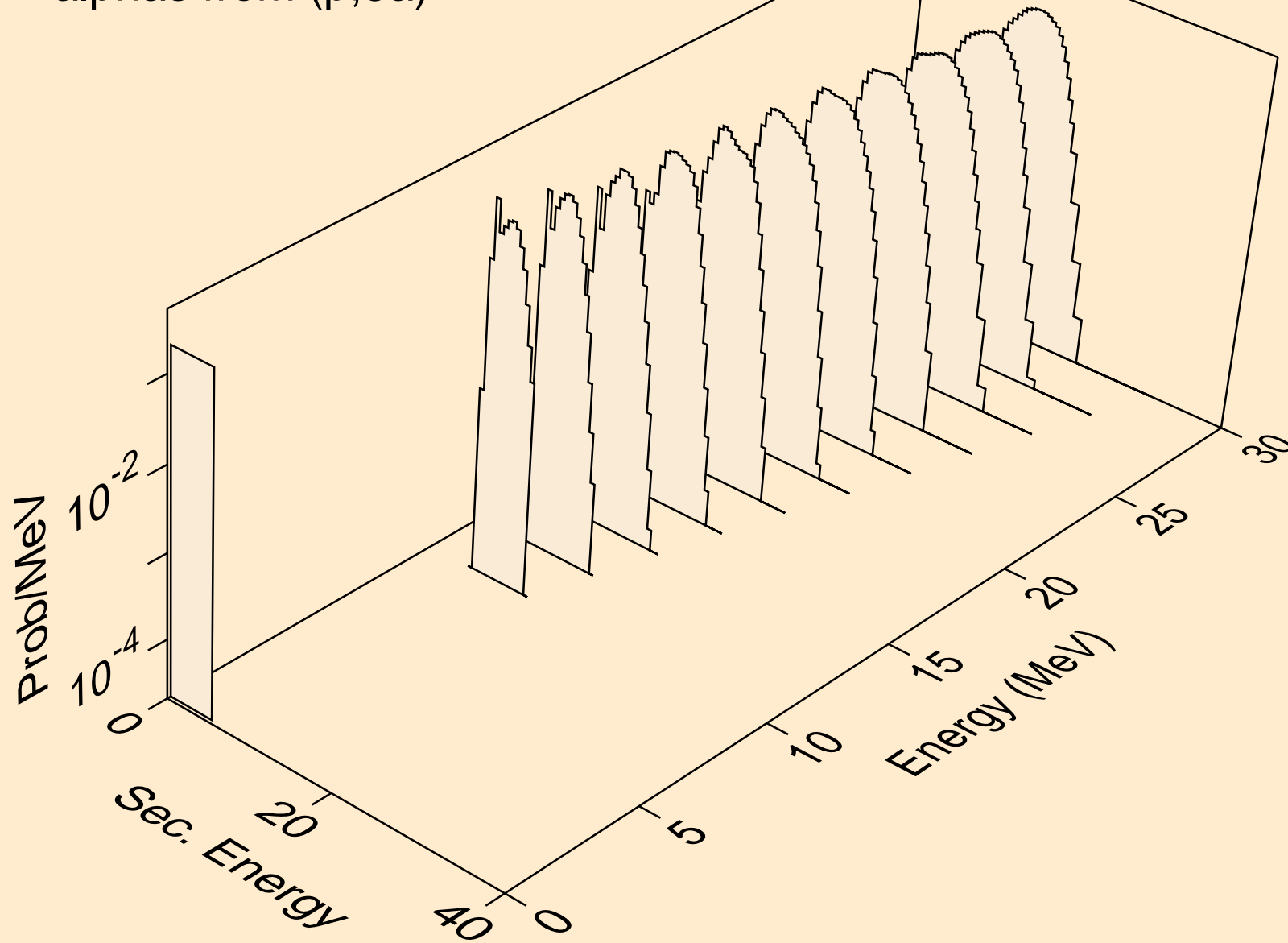


HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)

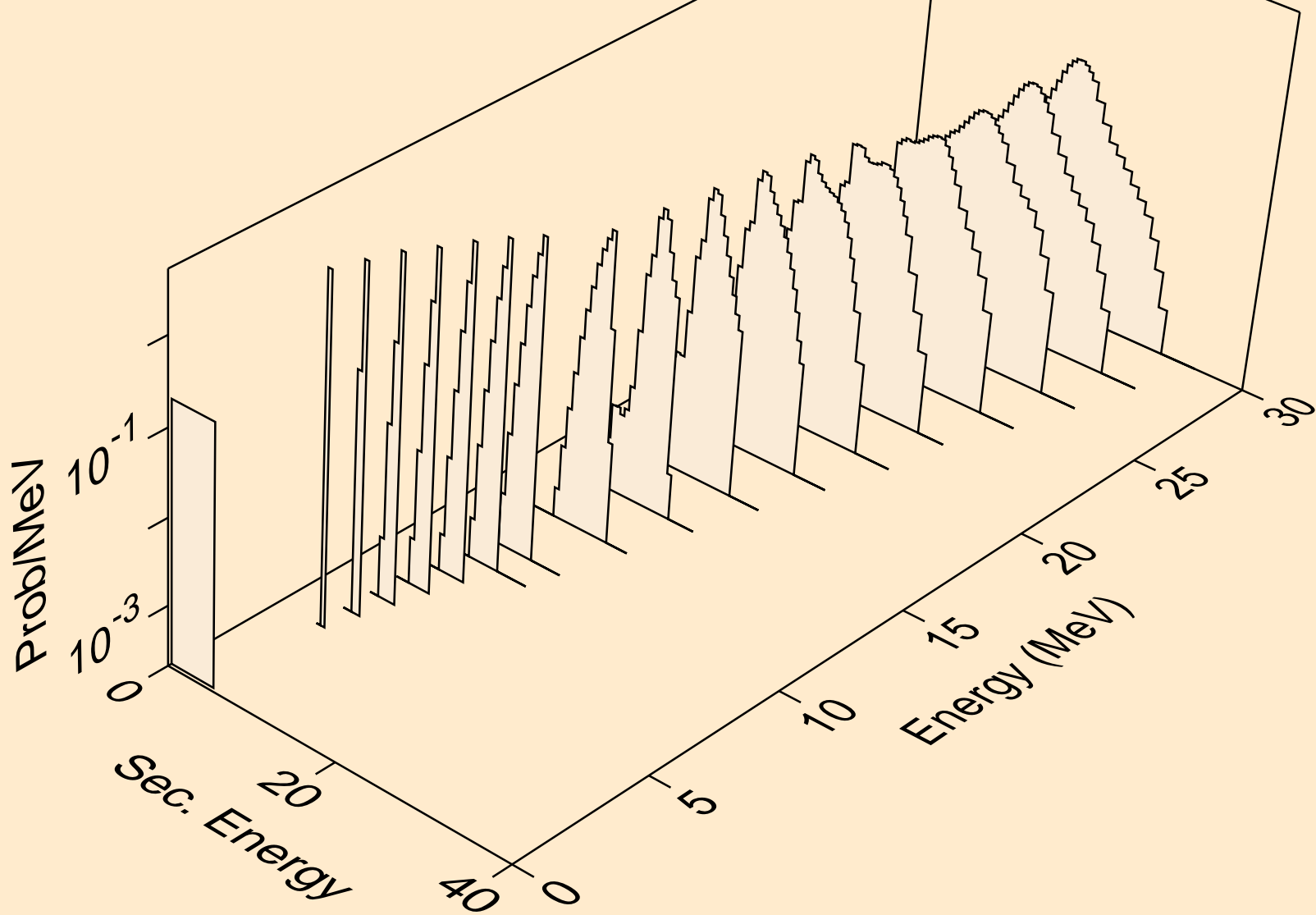




HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)



HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



HF158 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

