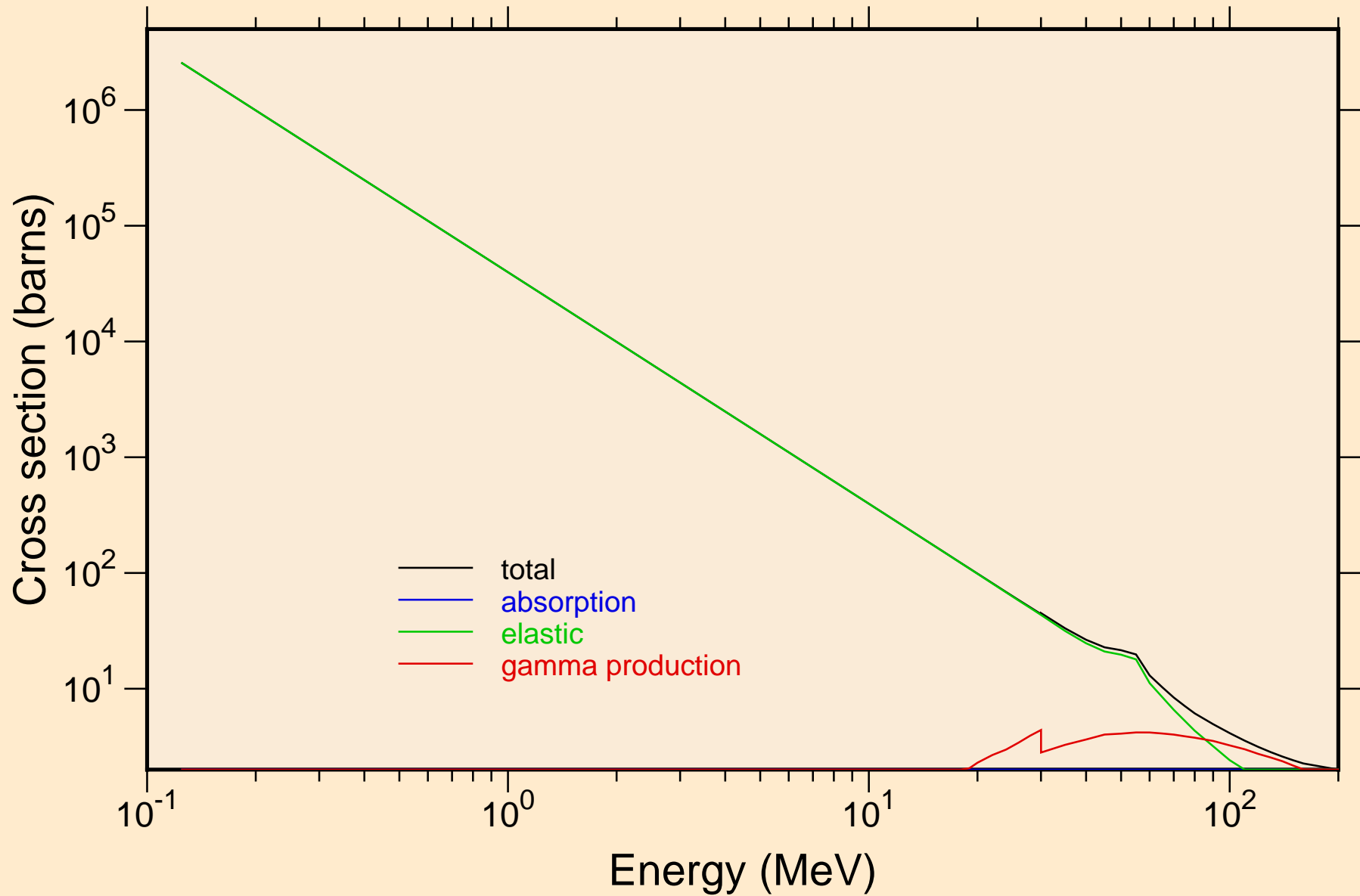
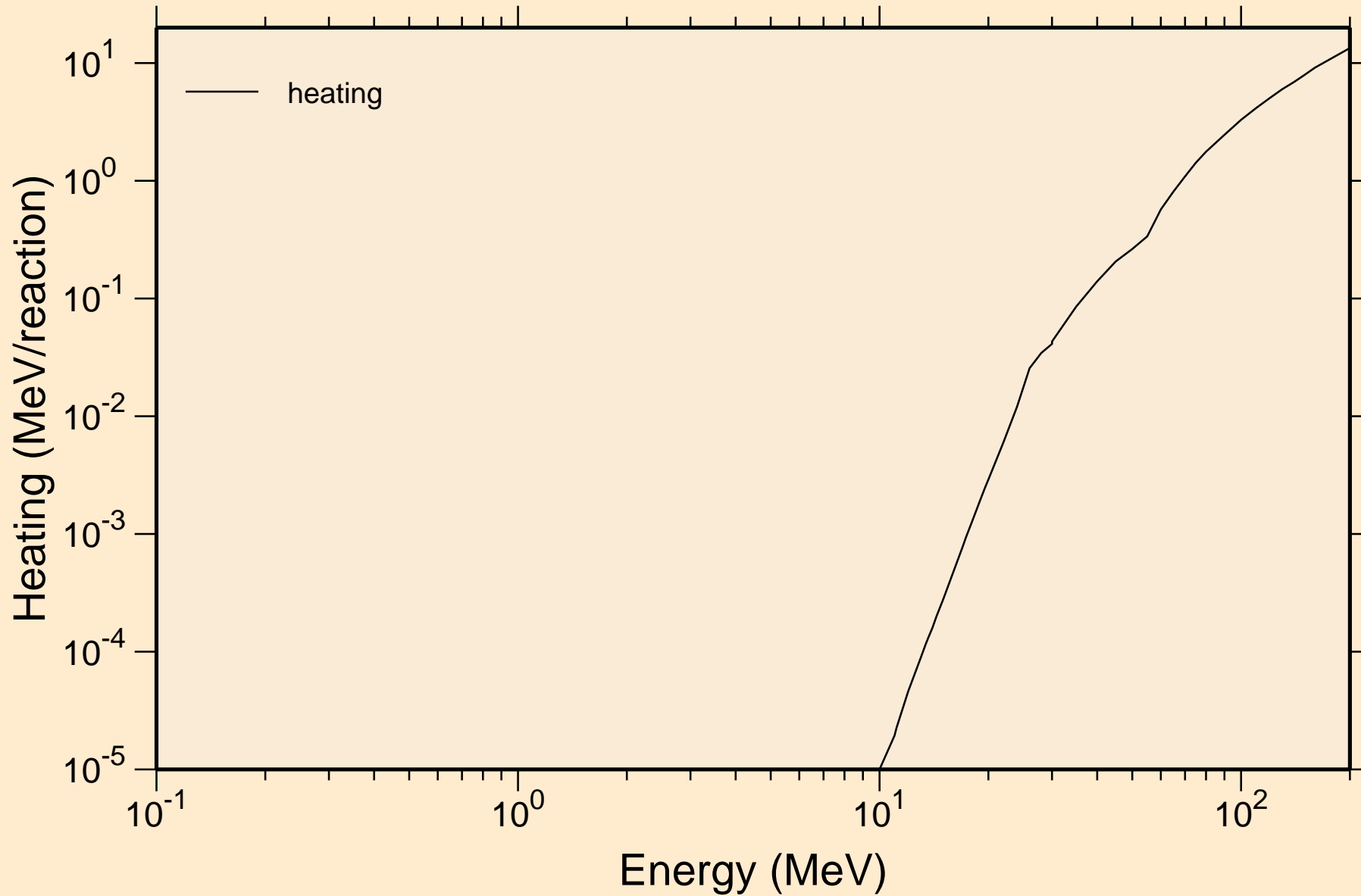


# HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

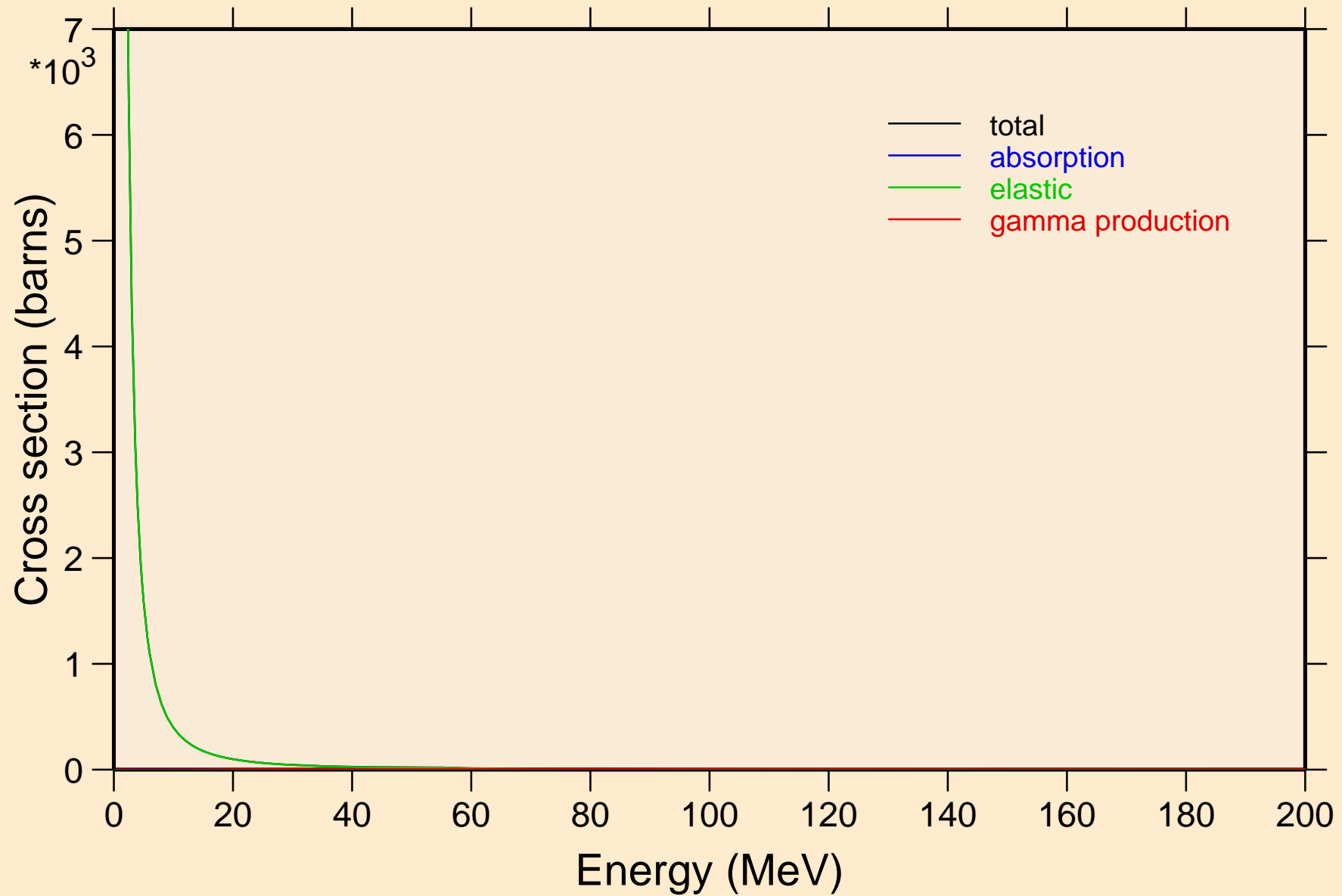


HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating



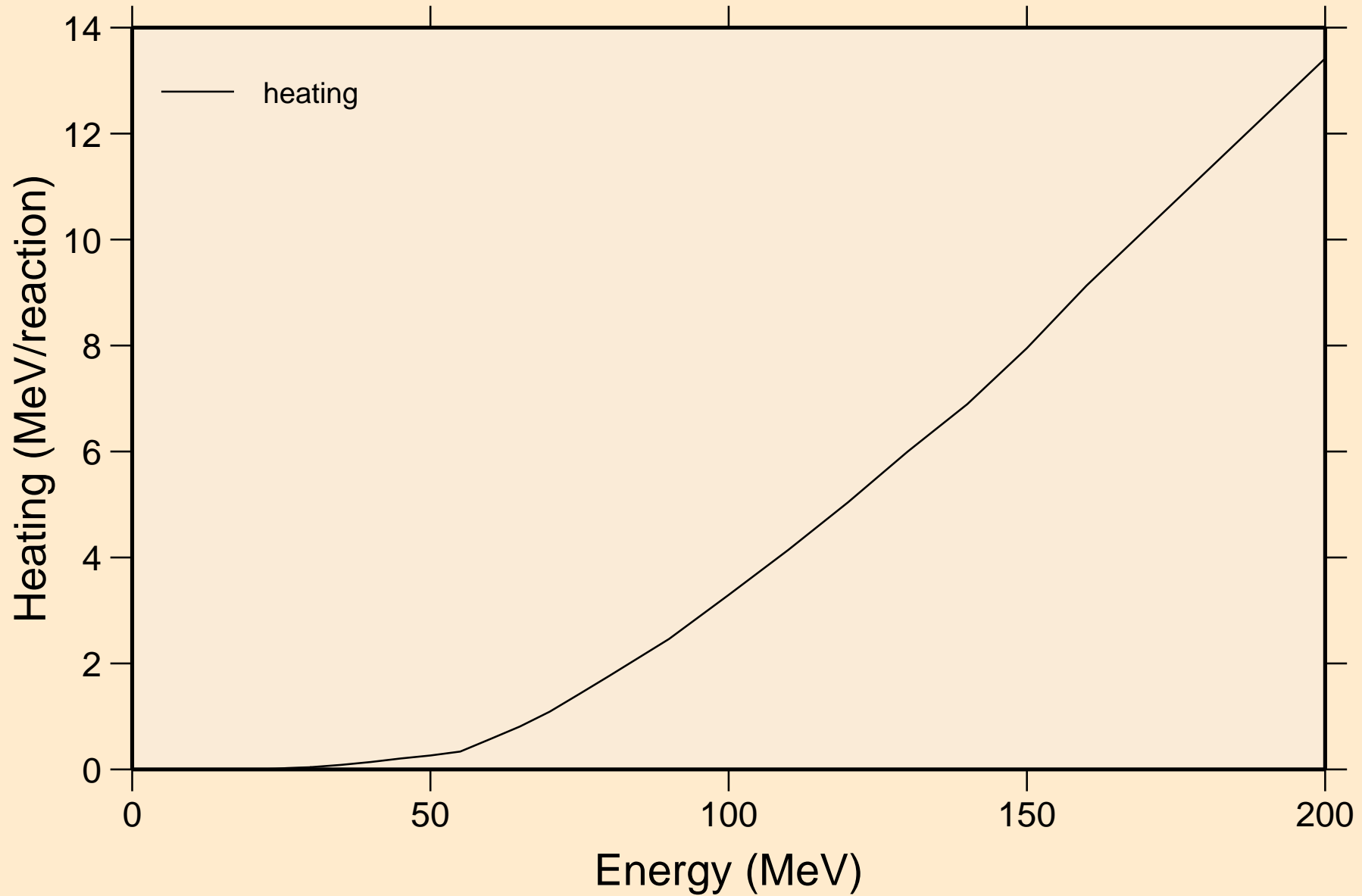
# HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



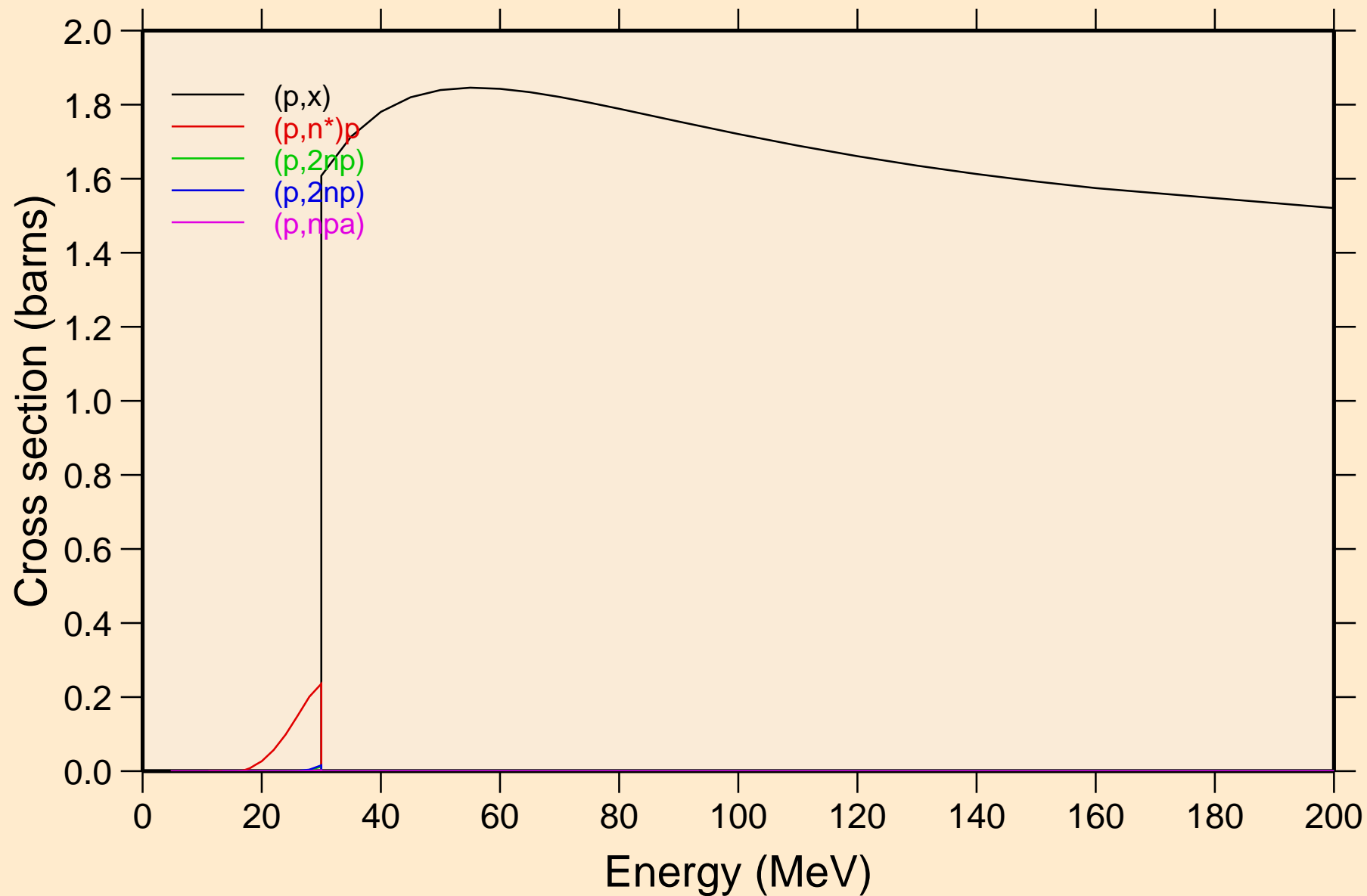
# HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



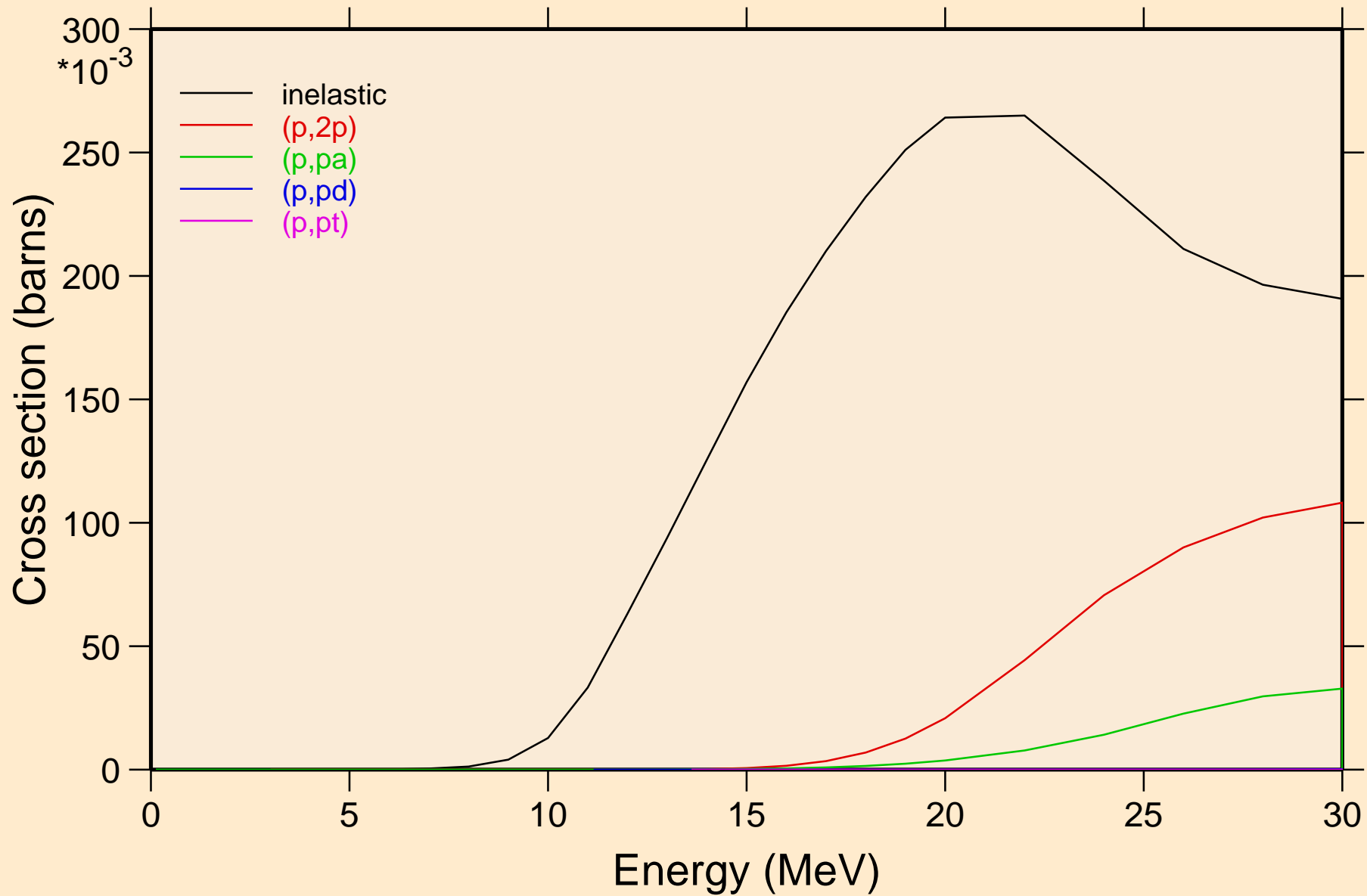
# HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

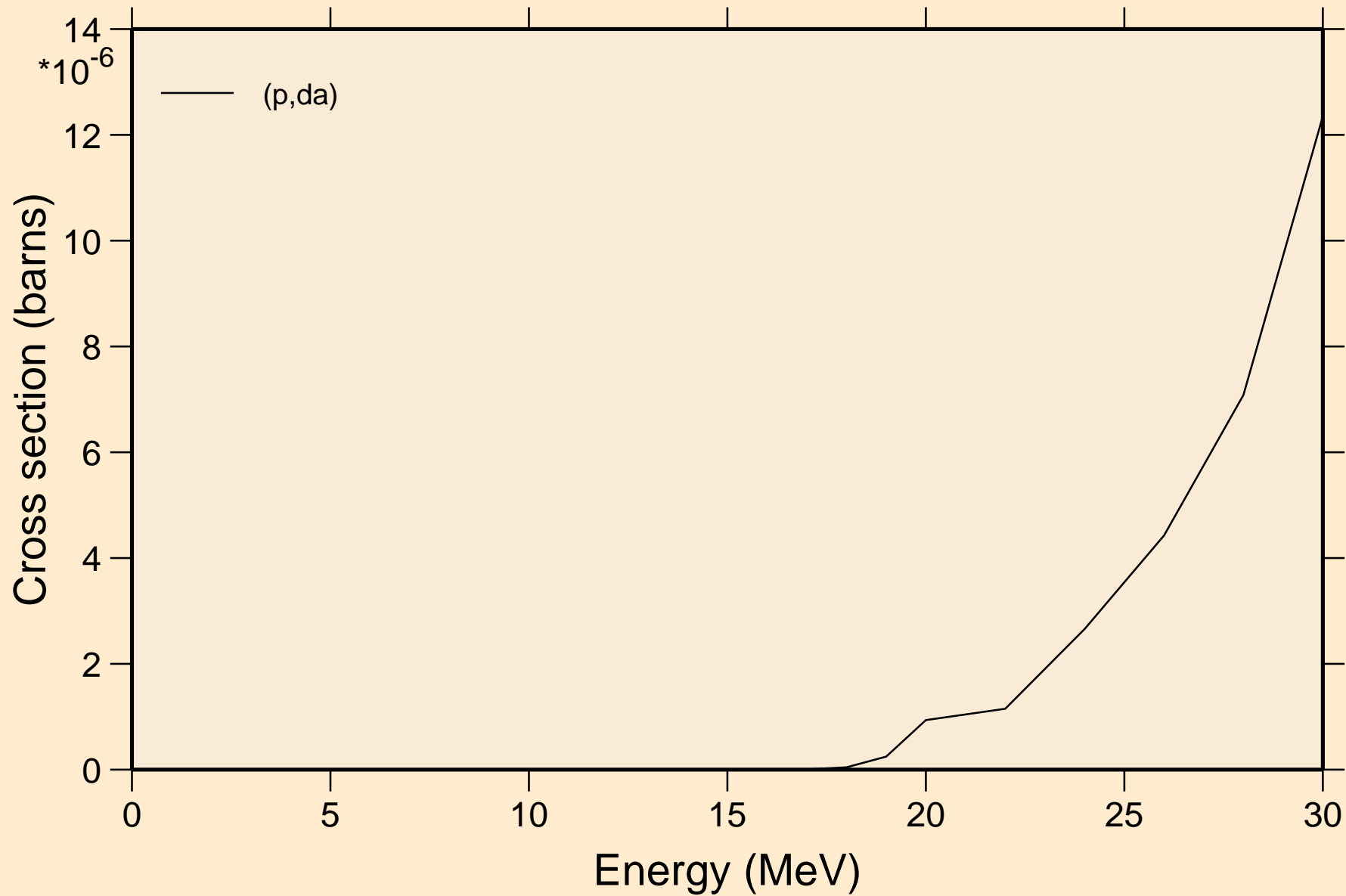


# HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K

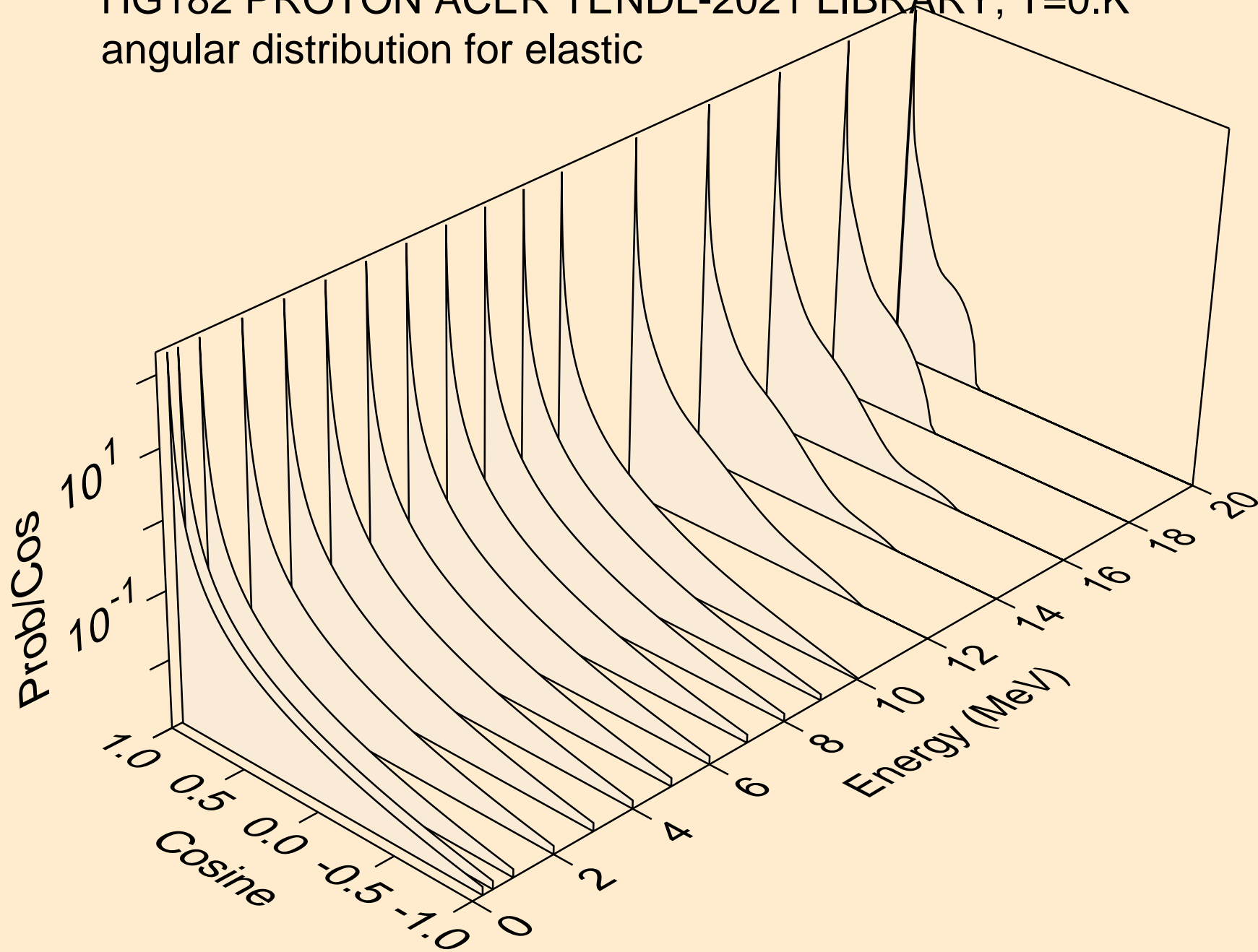
## Threshold reactions



HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

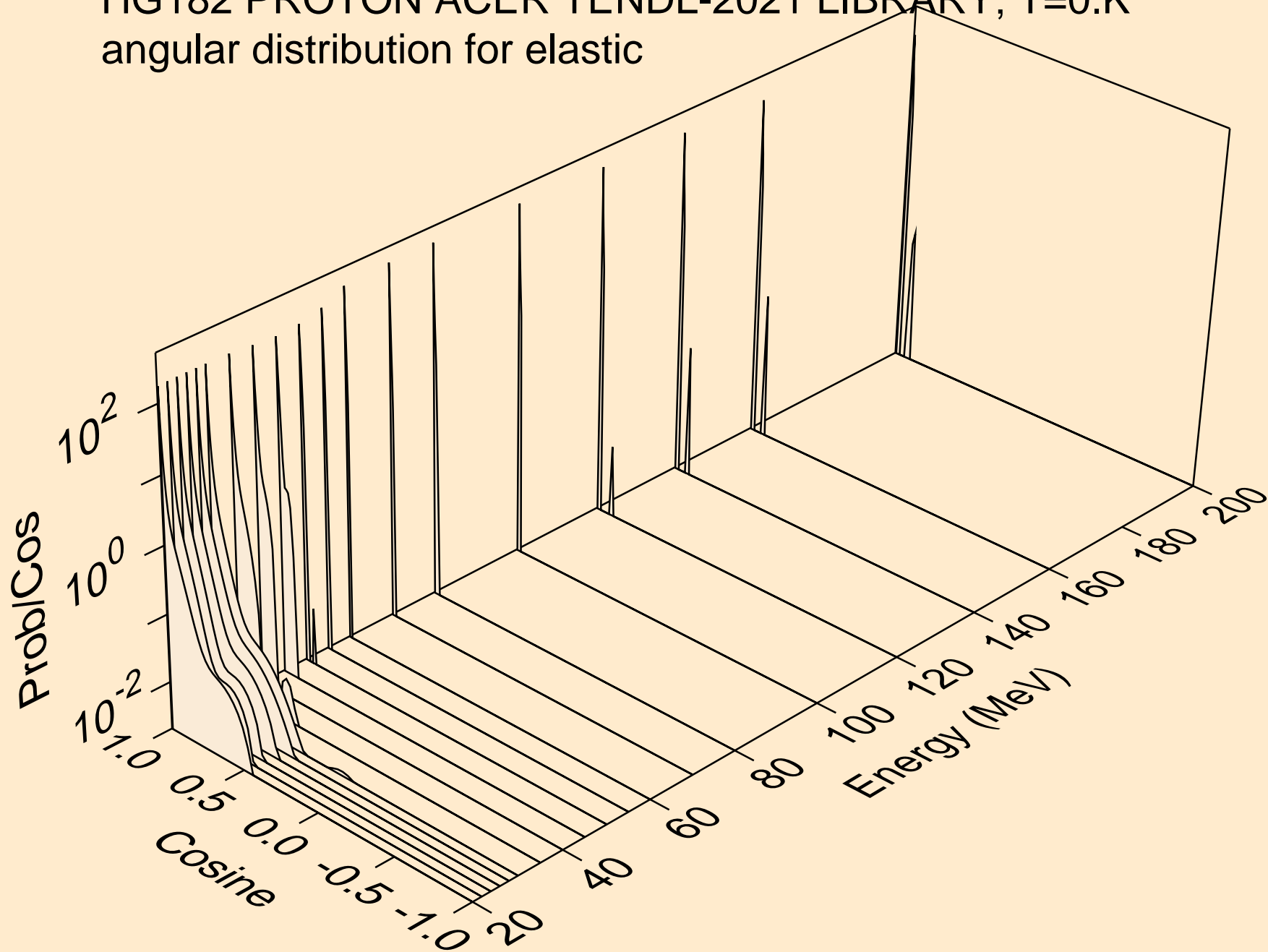


HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

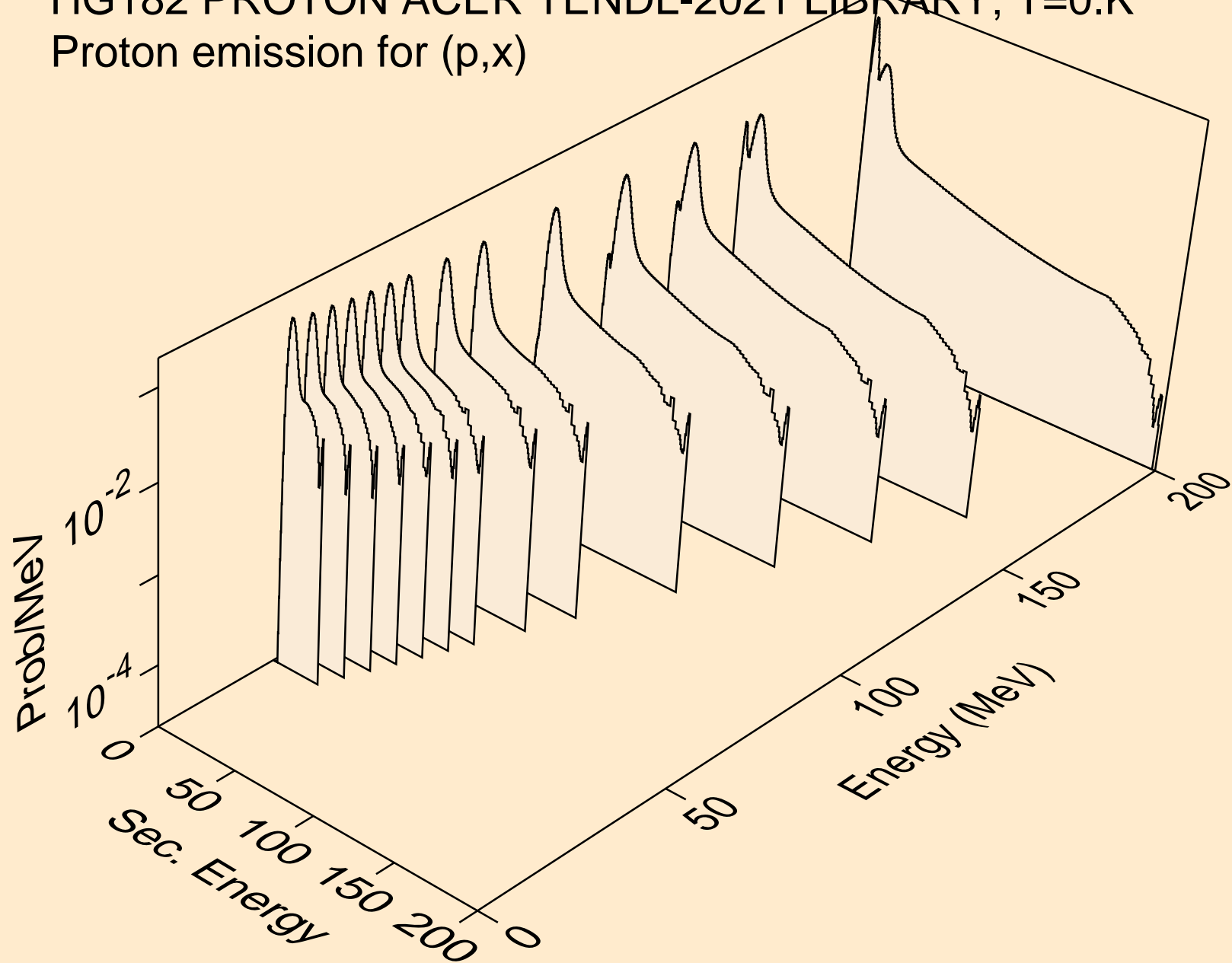




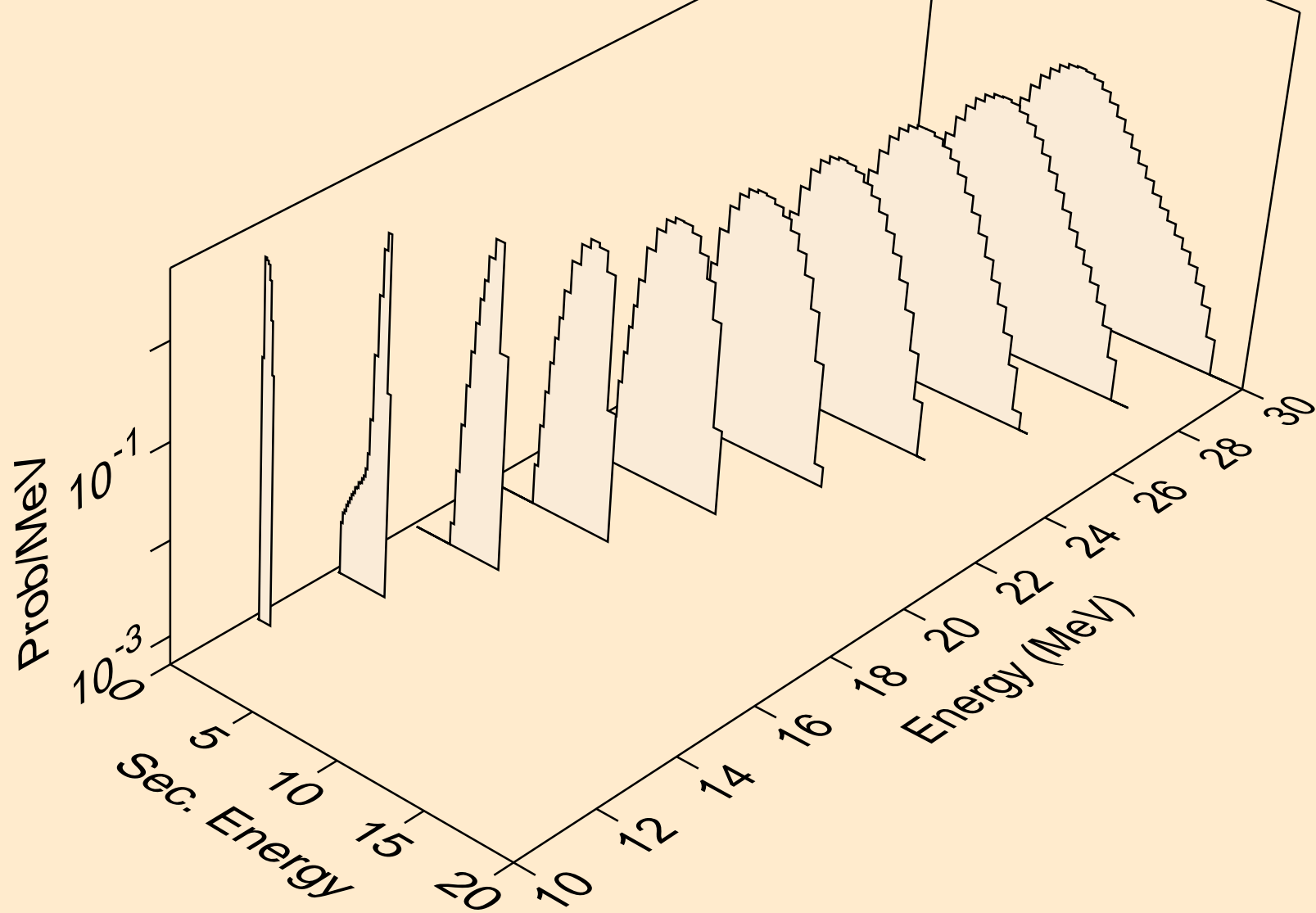
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



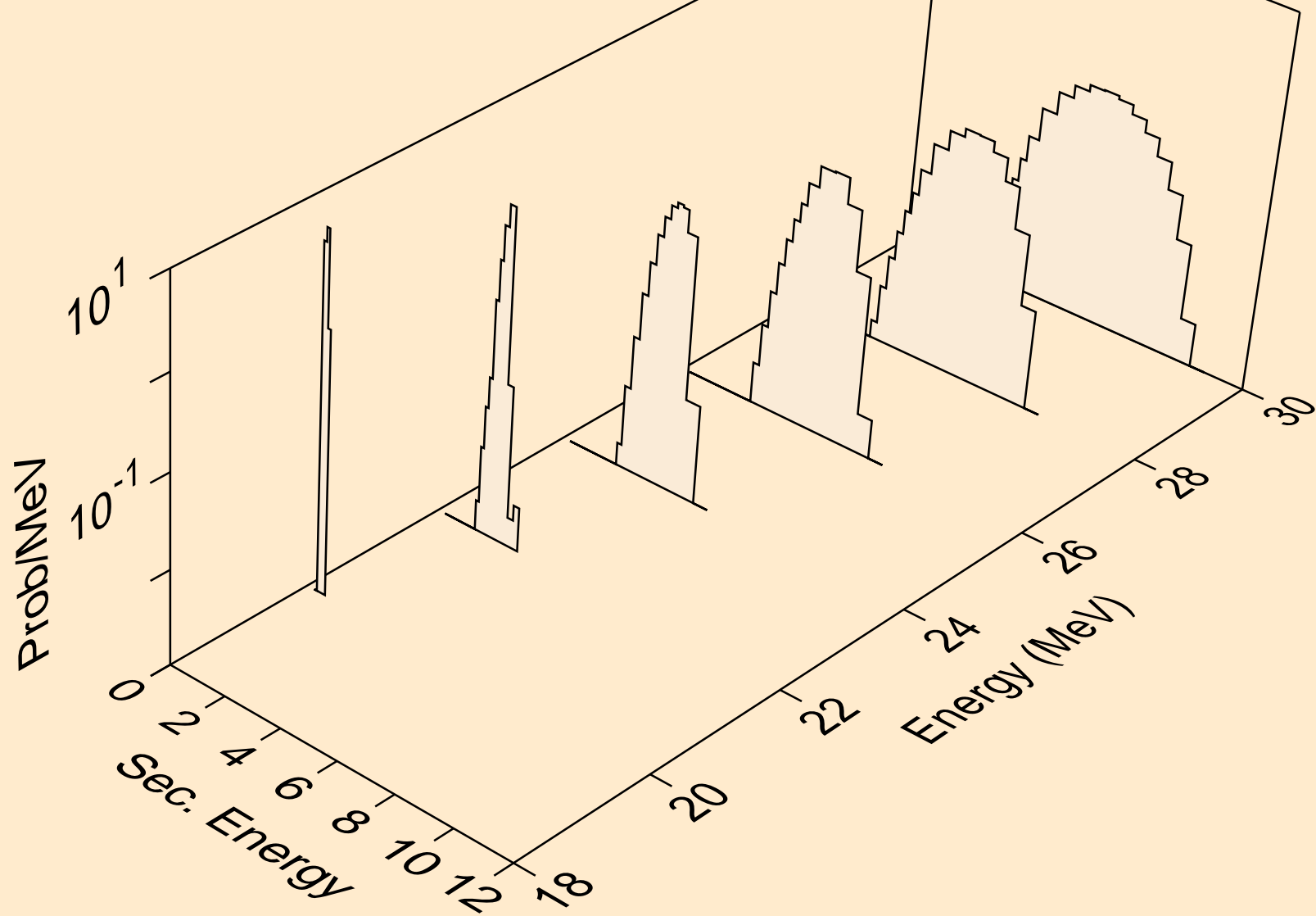
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



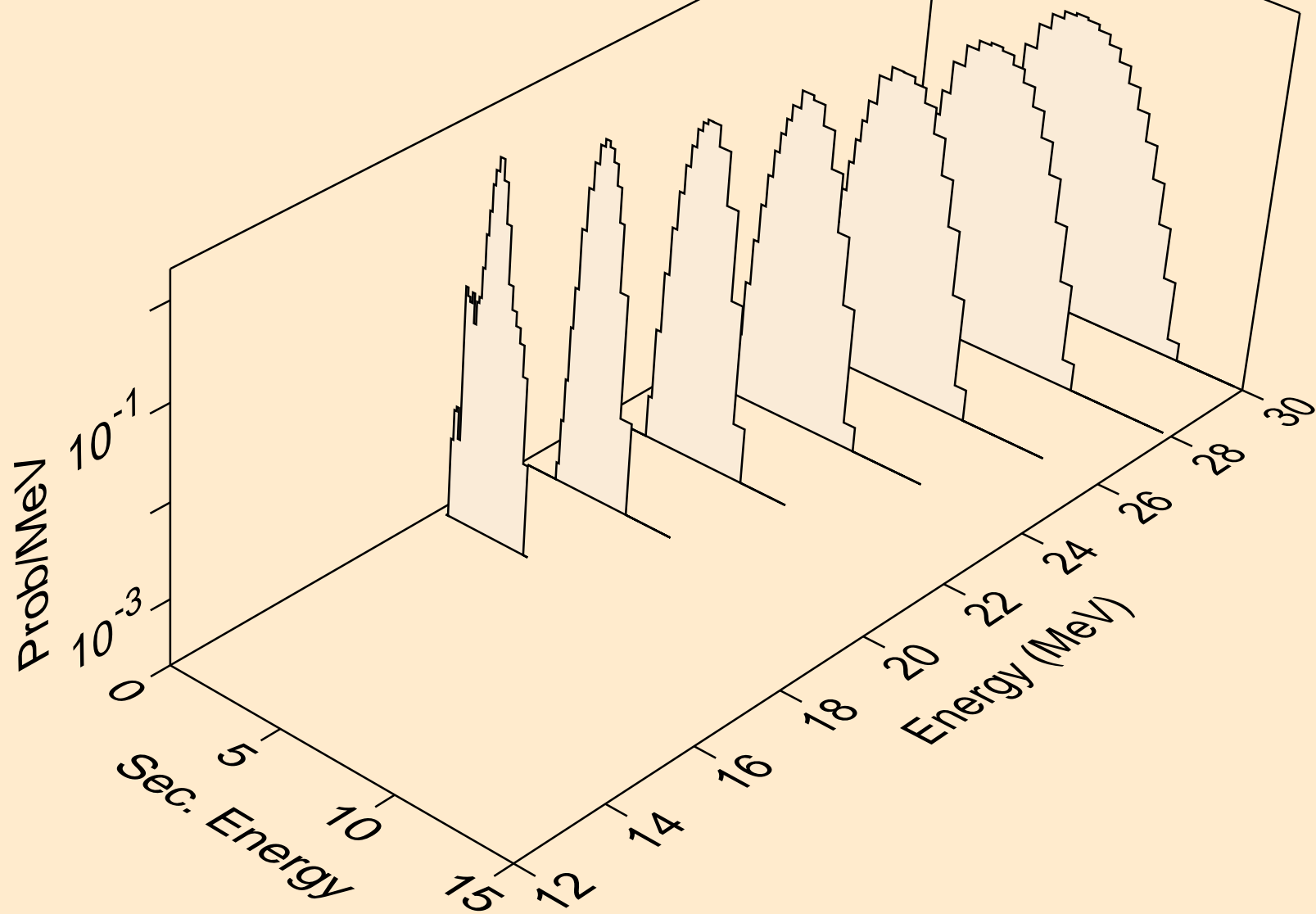
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



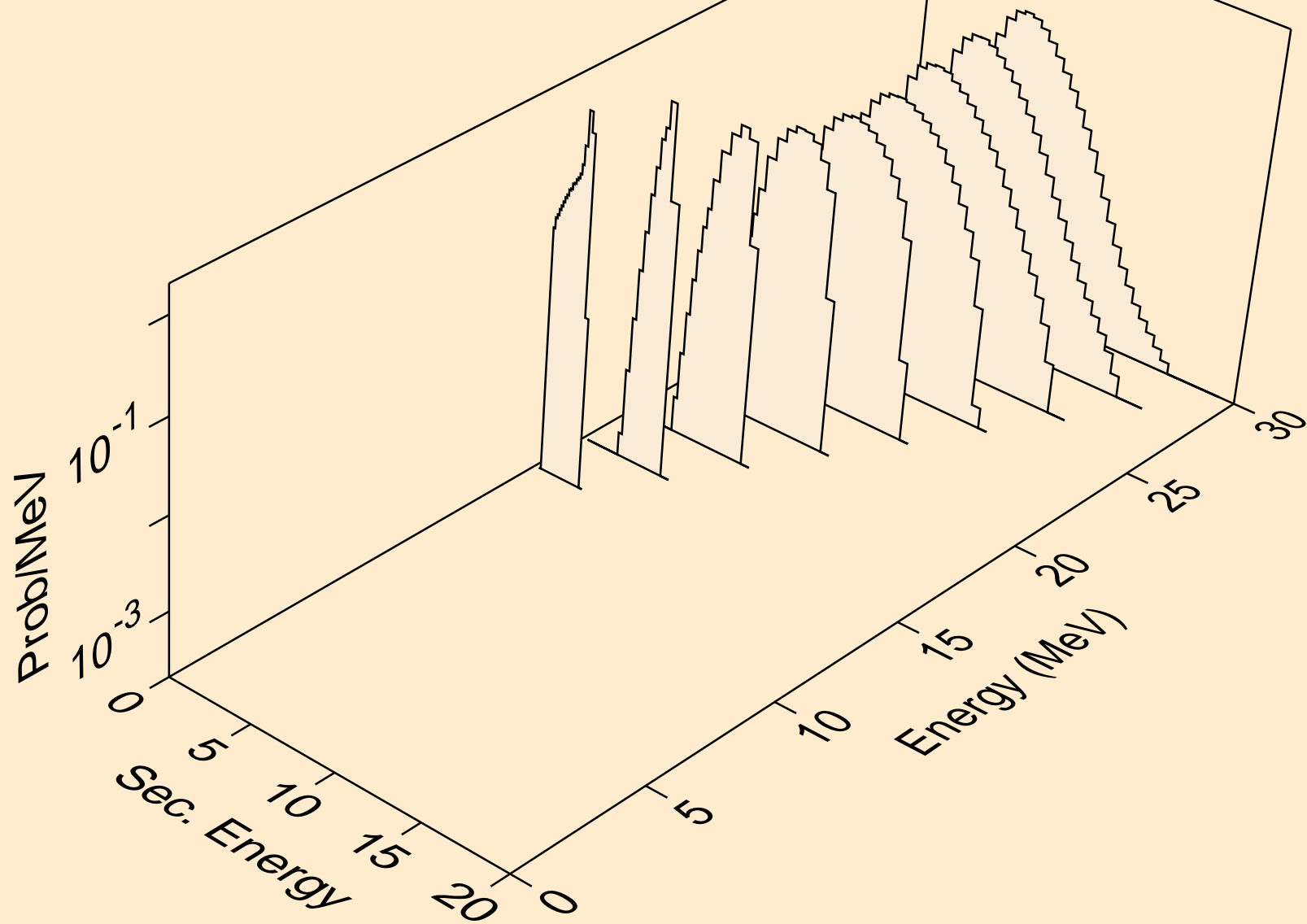
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



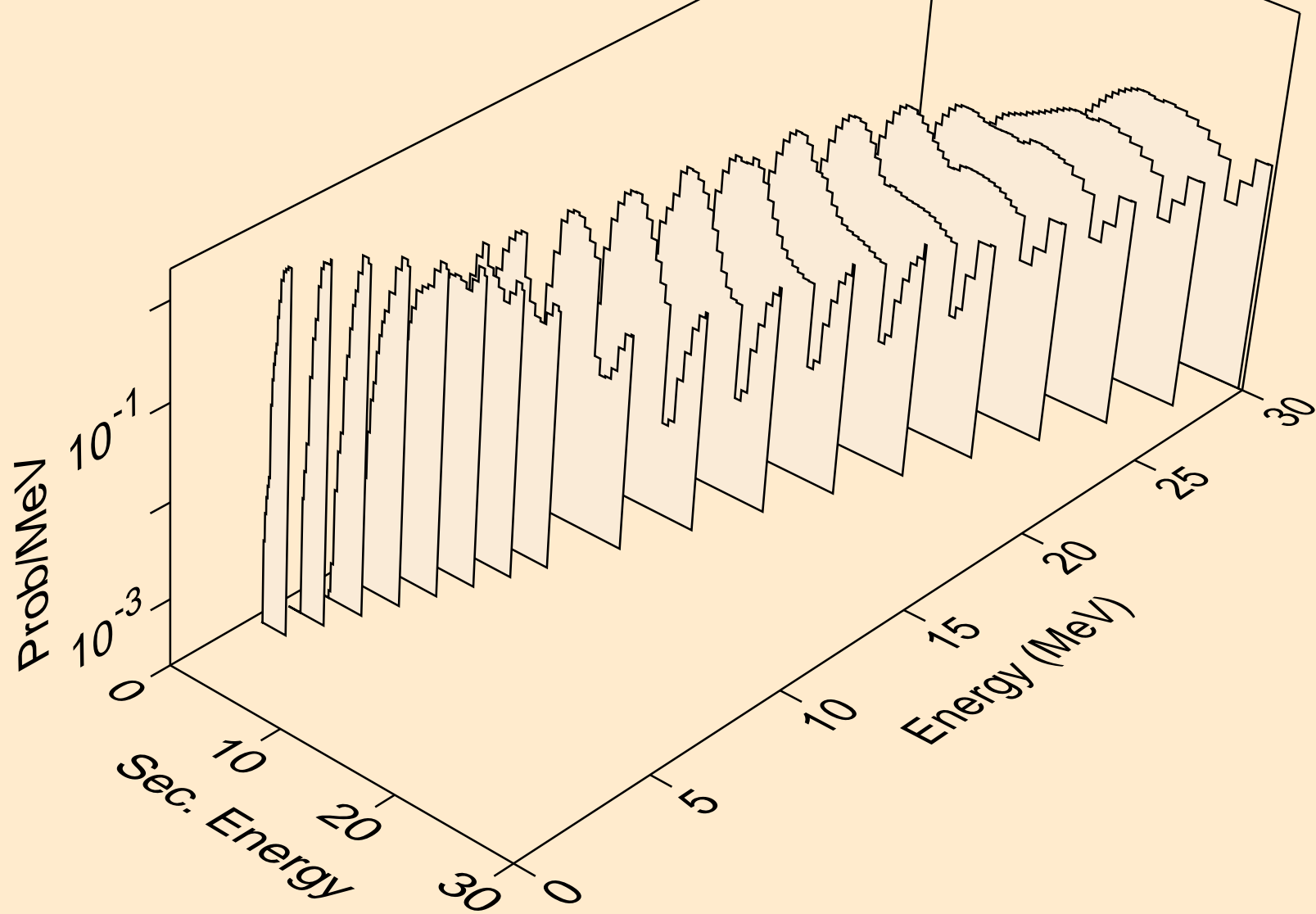
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



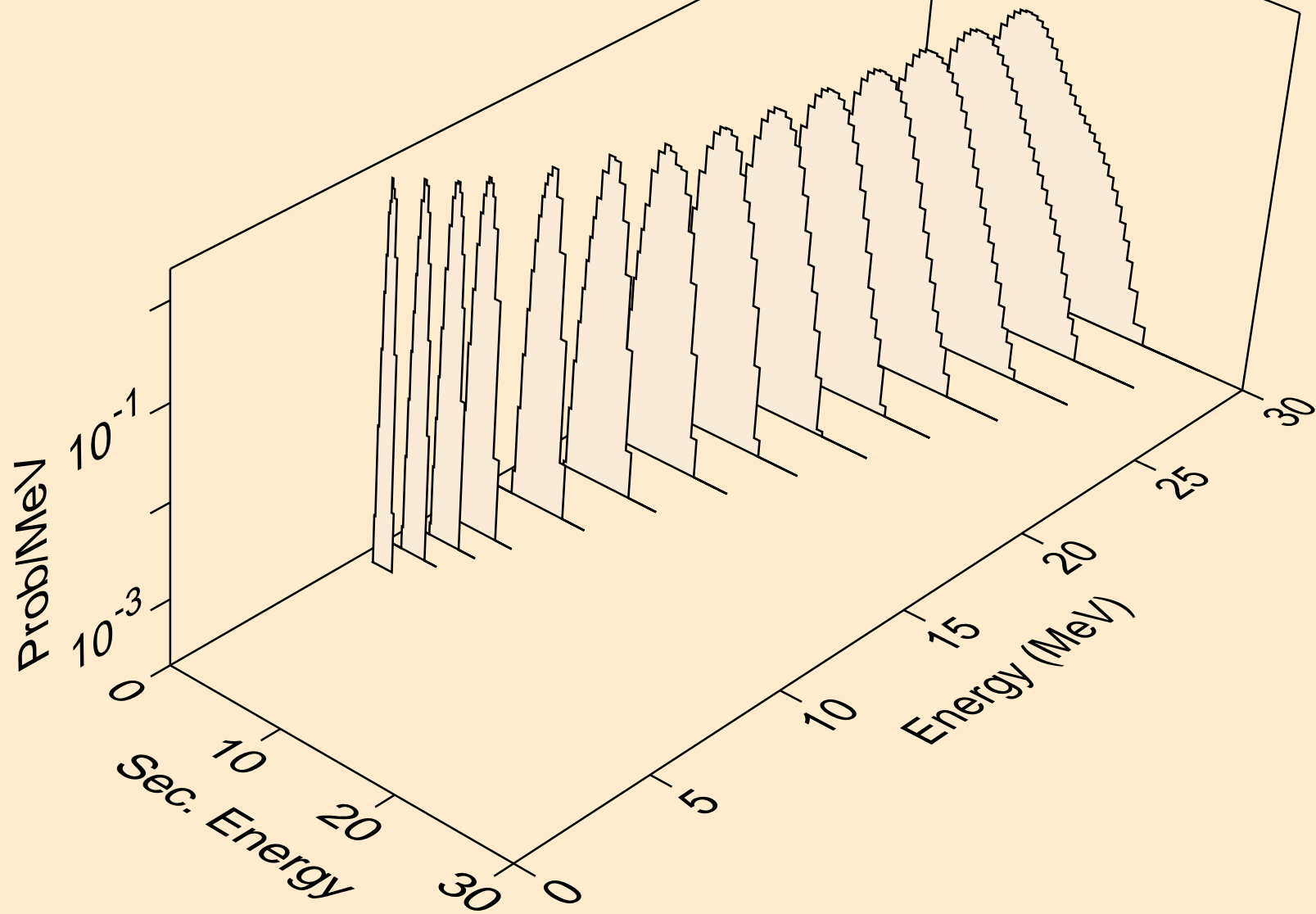
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)



HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

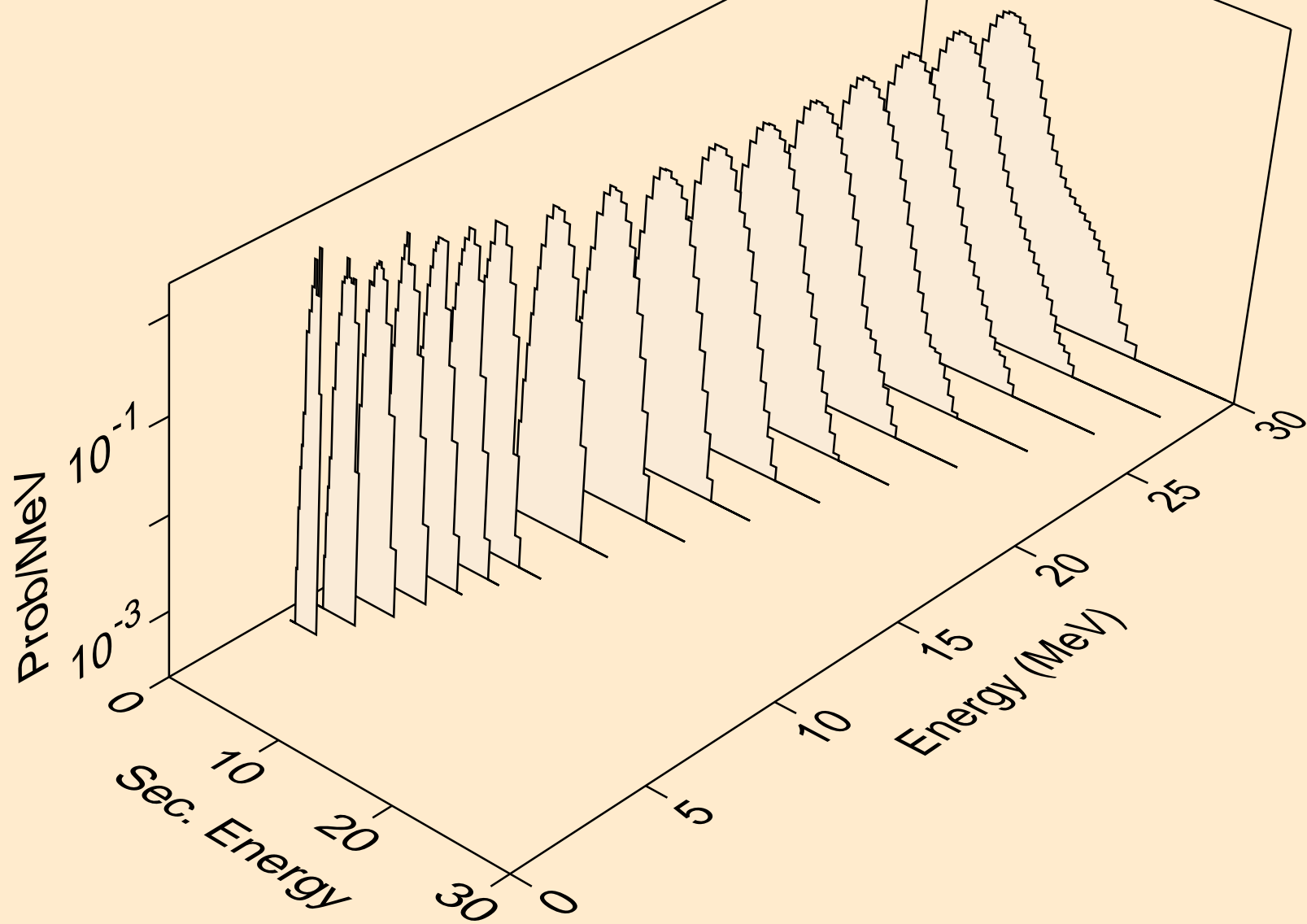


HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)

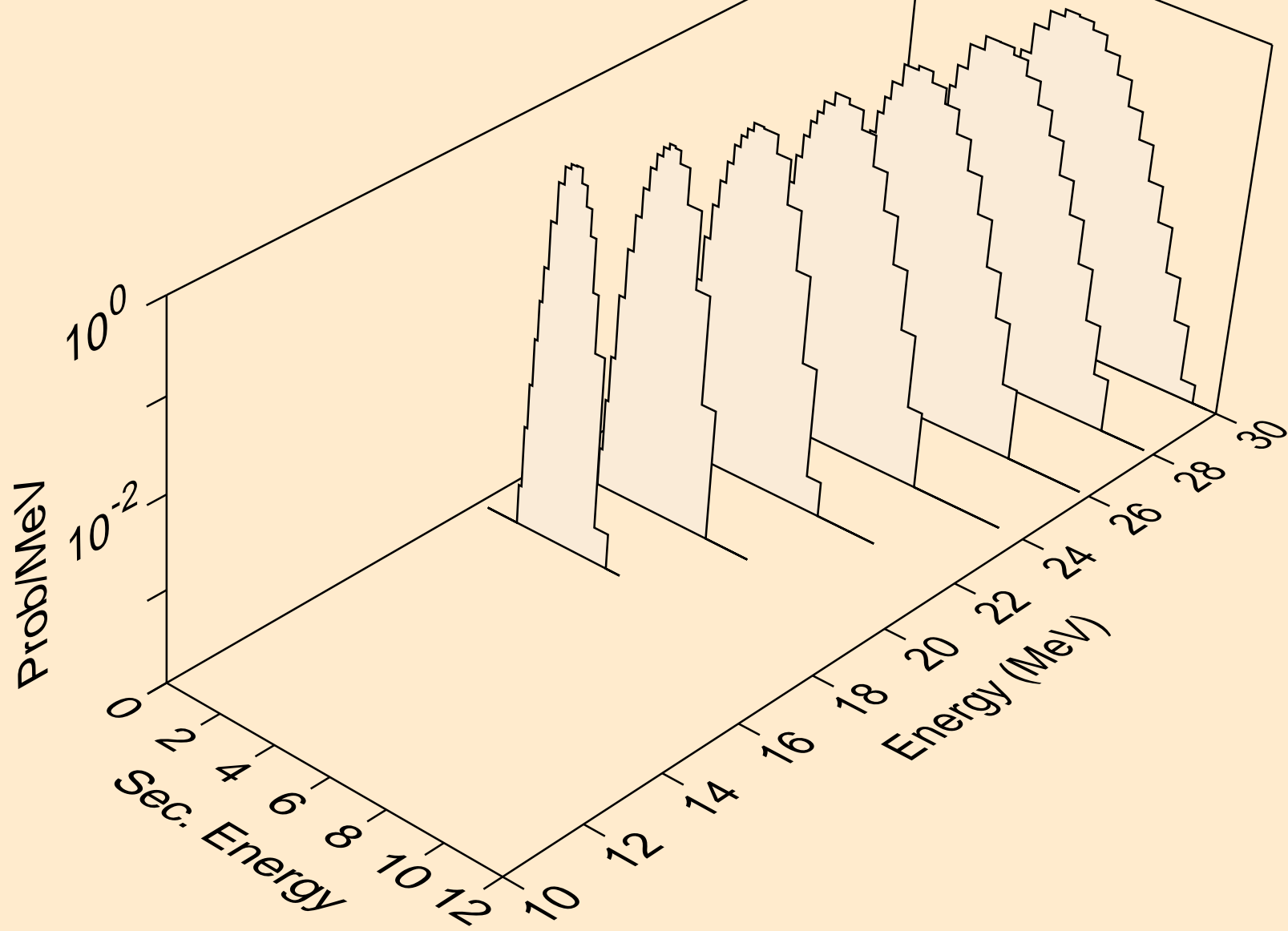




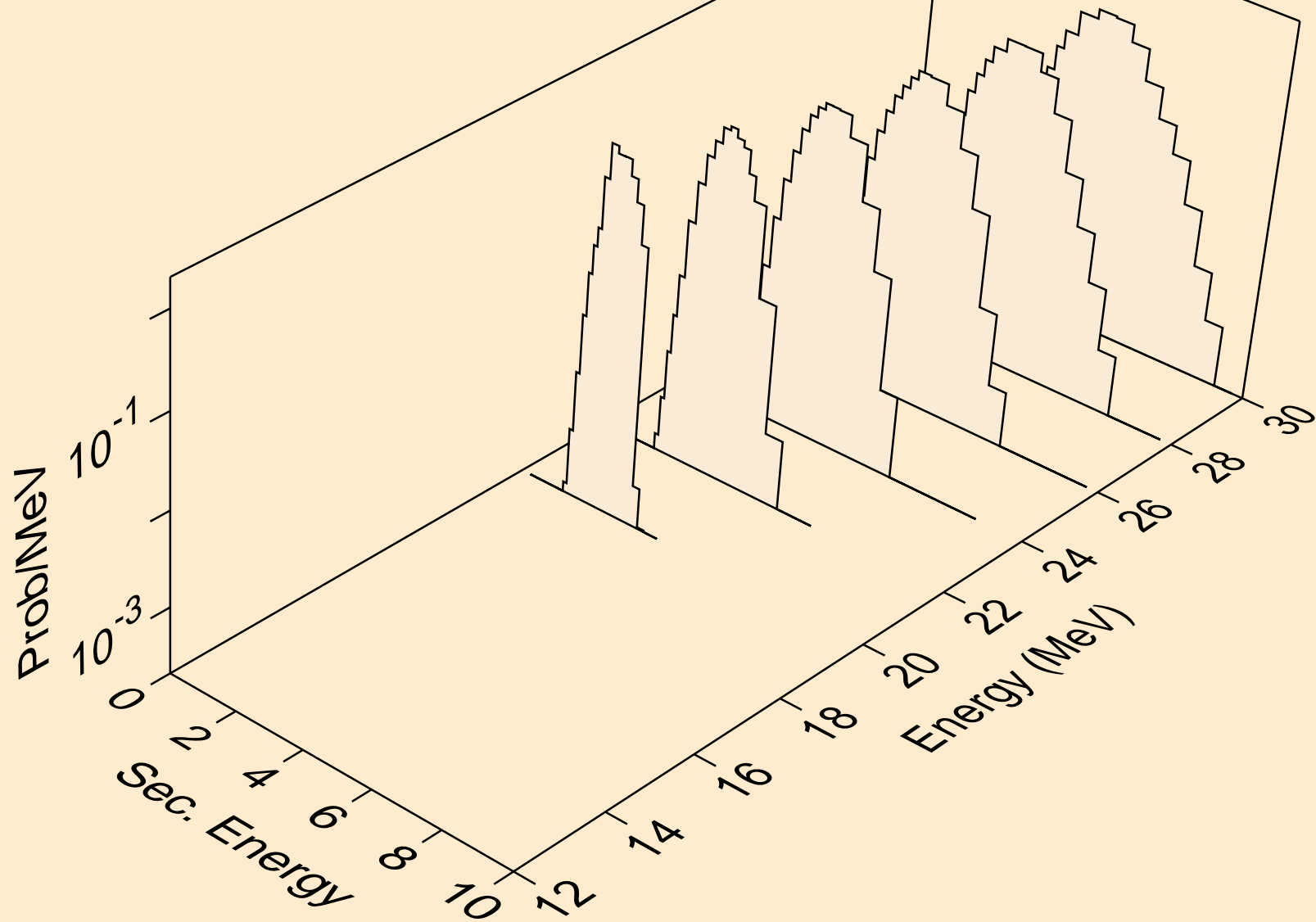
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Proton emission for (p,pa)



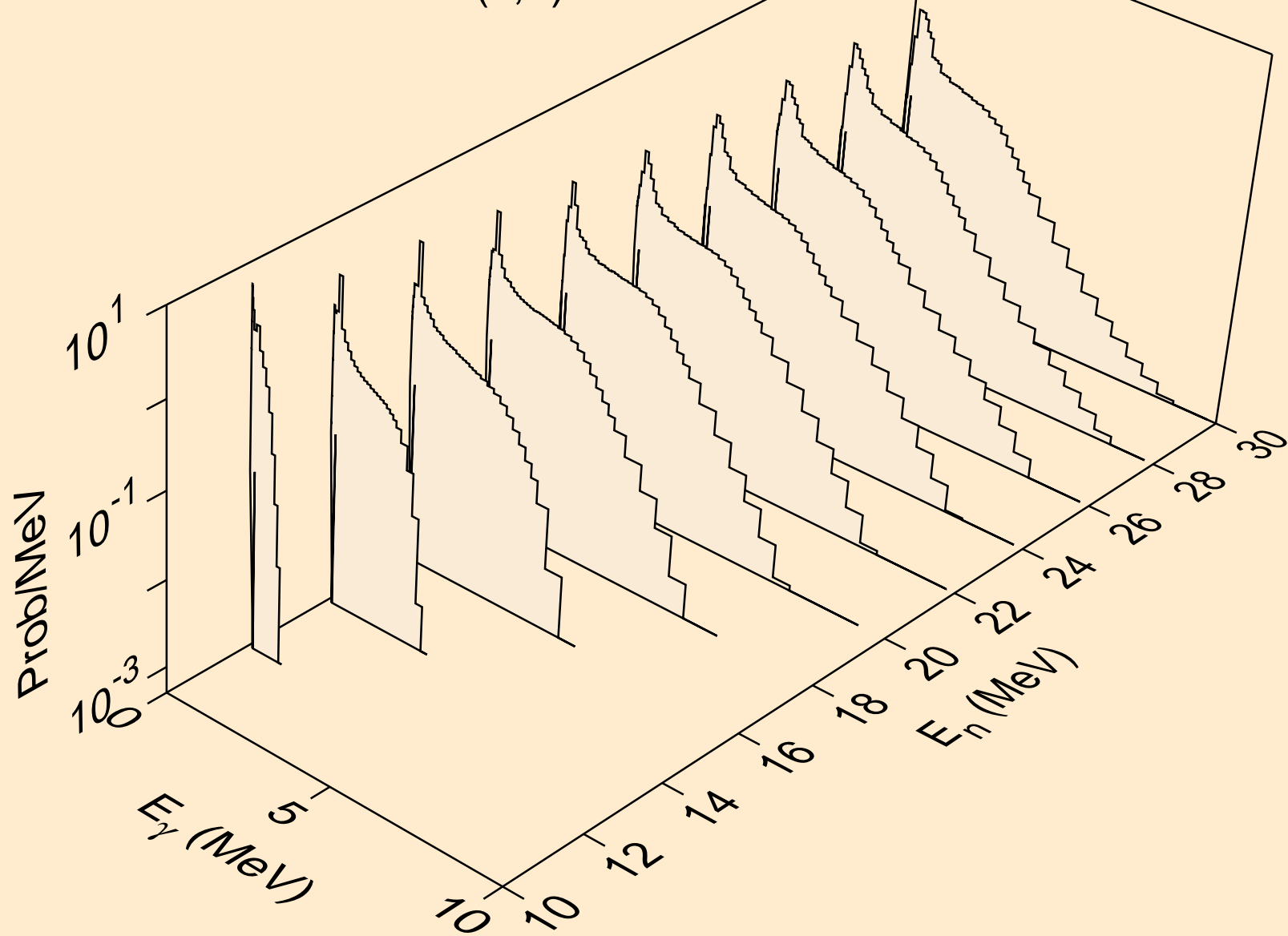
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



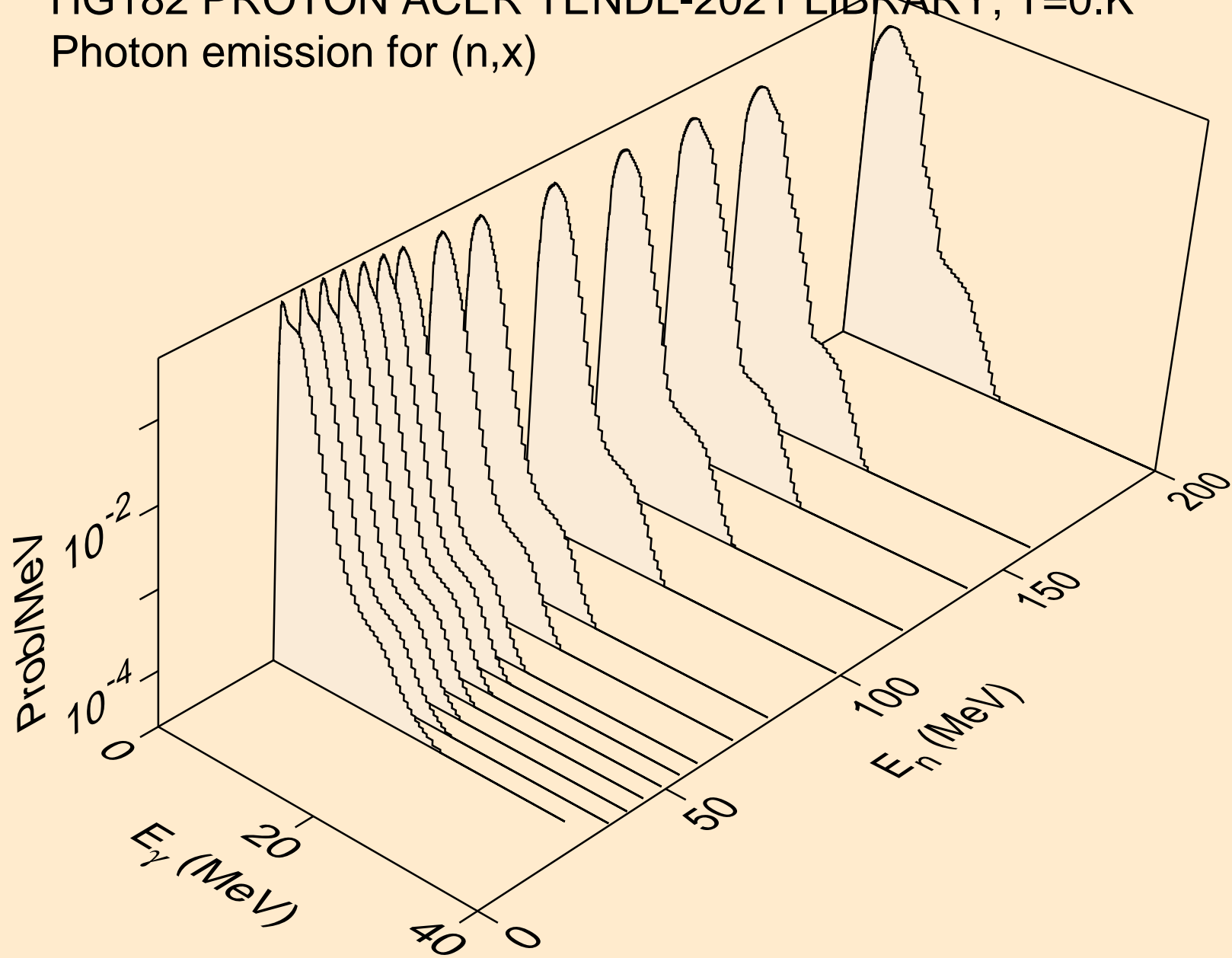
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



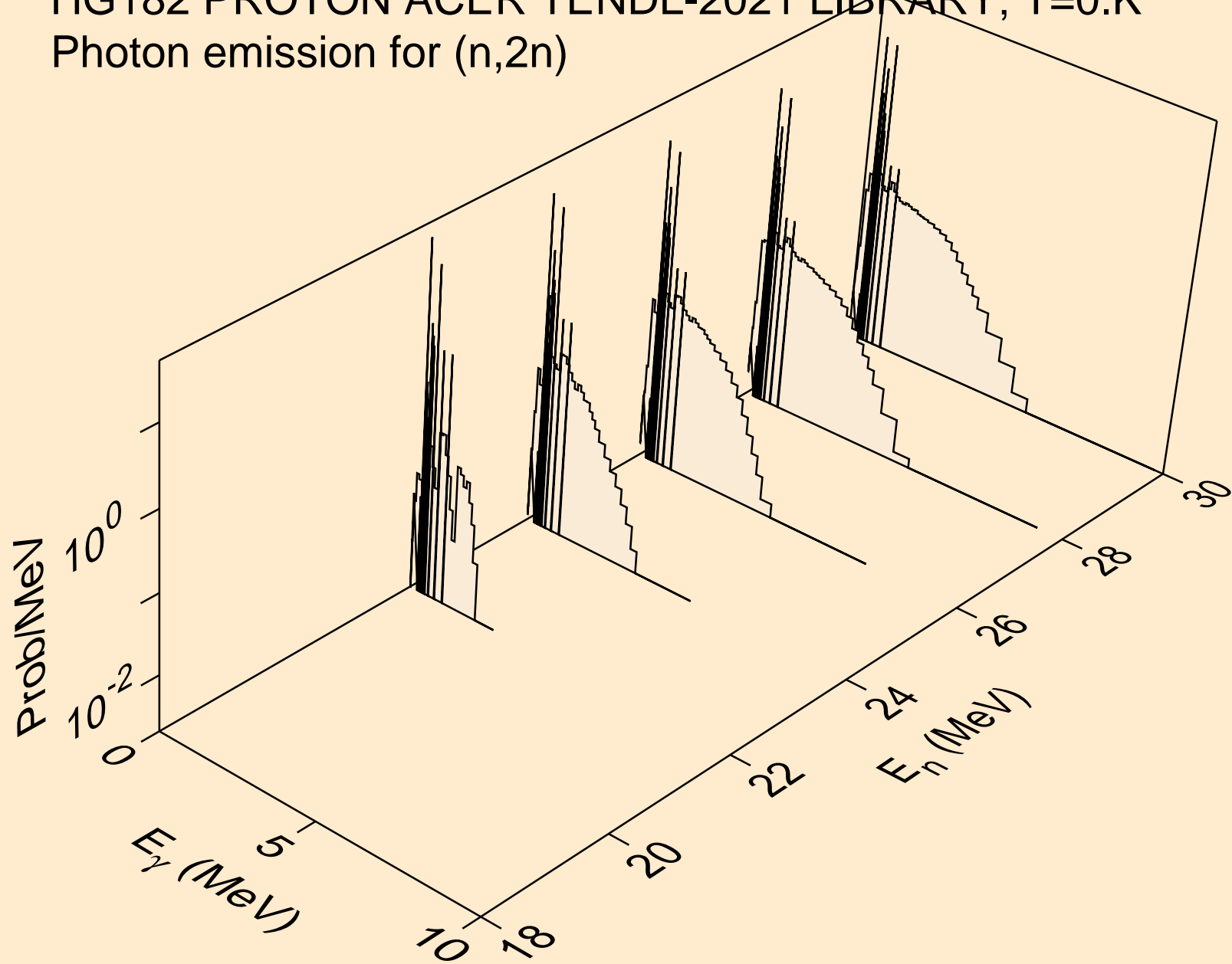
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



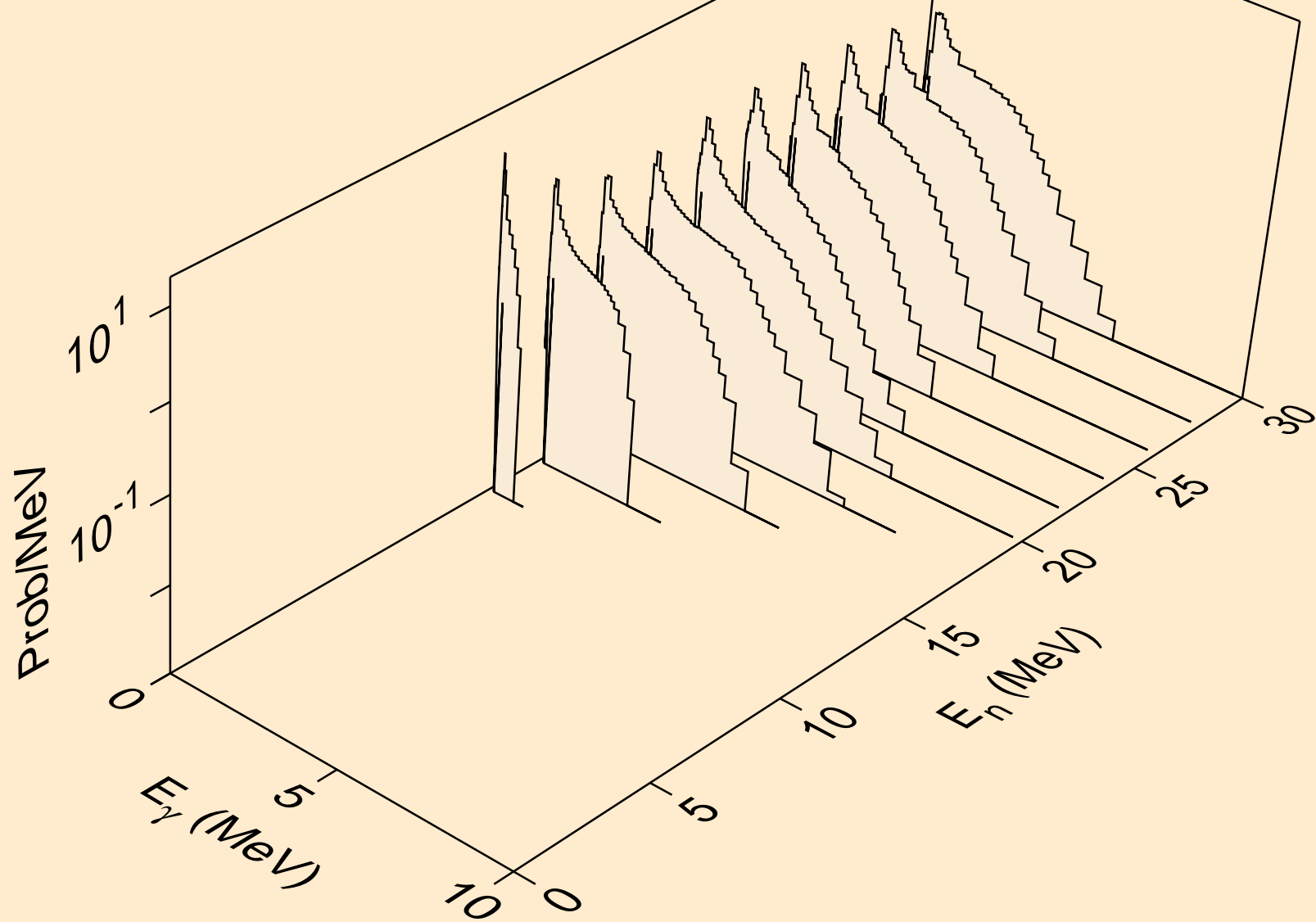
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



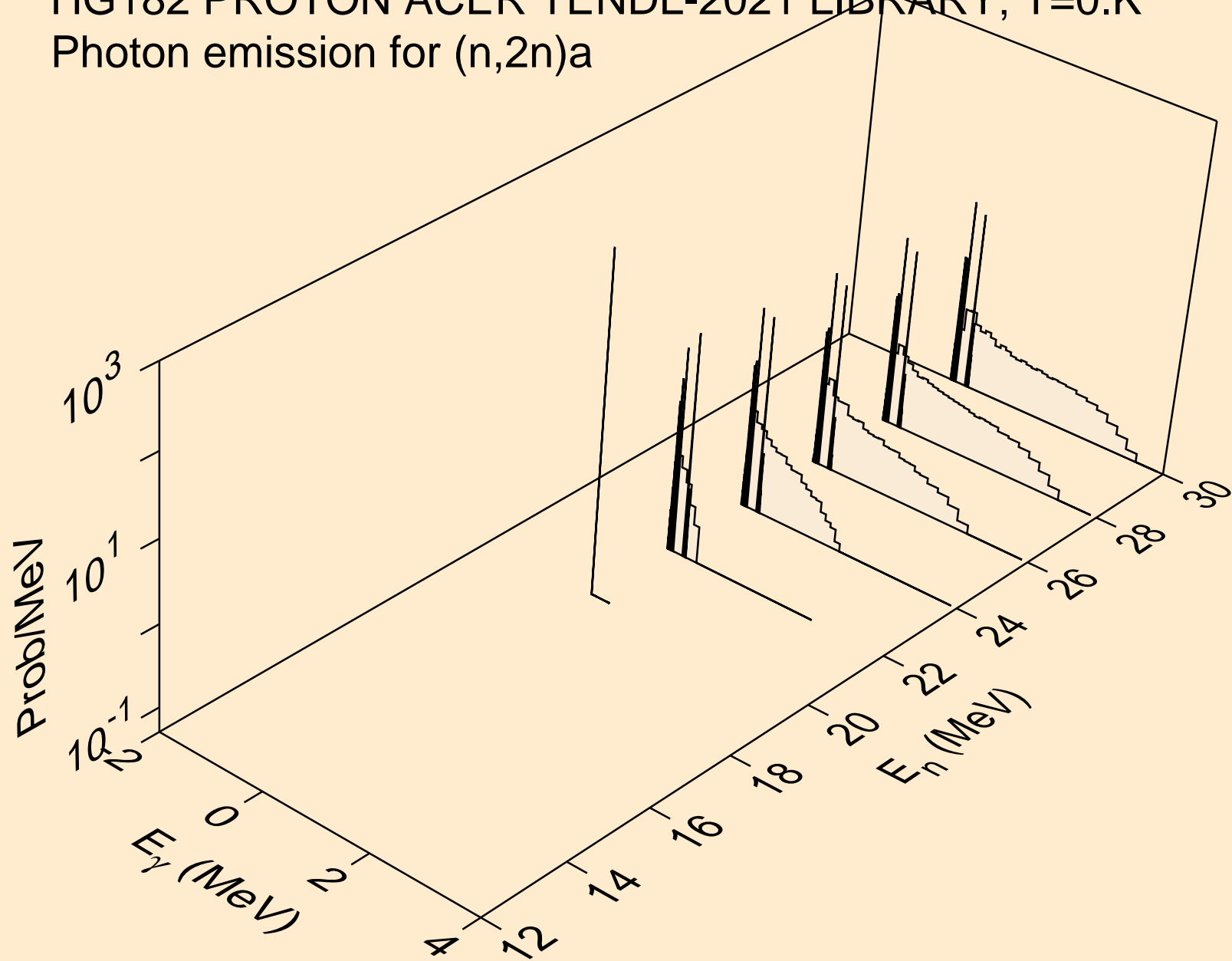
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

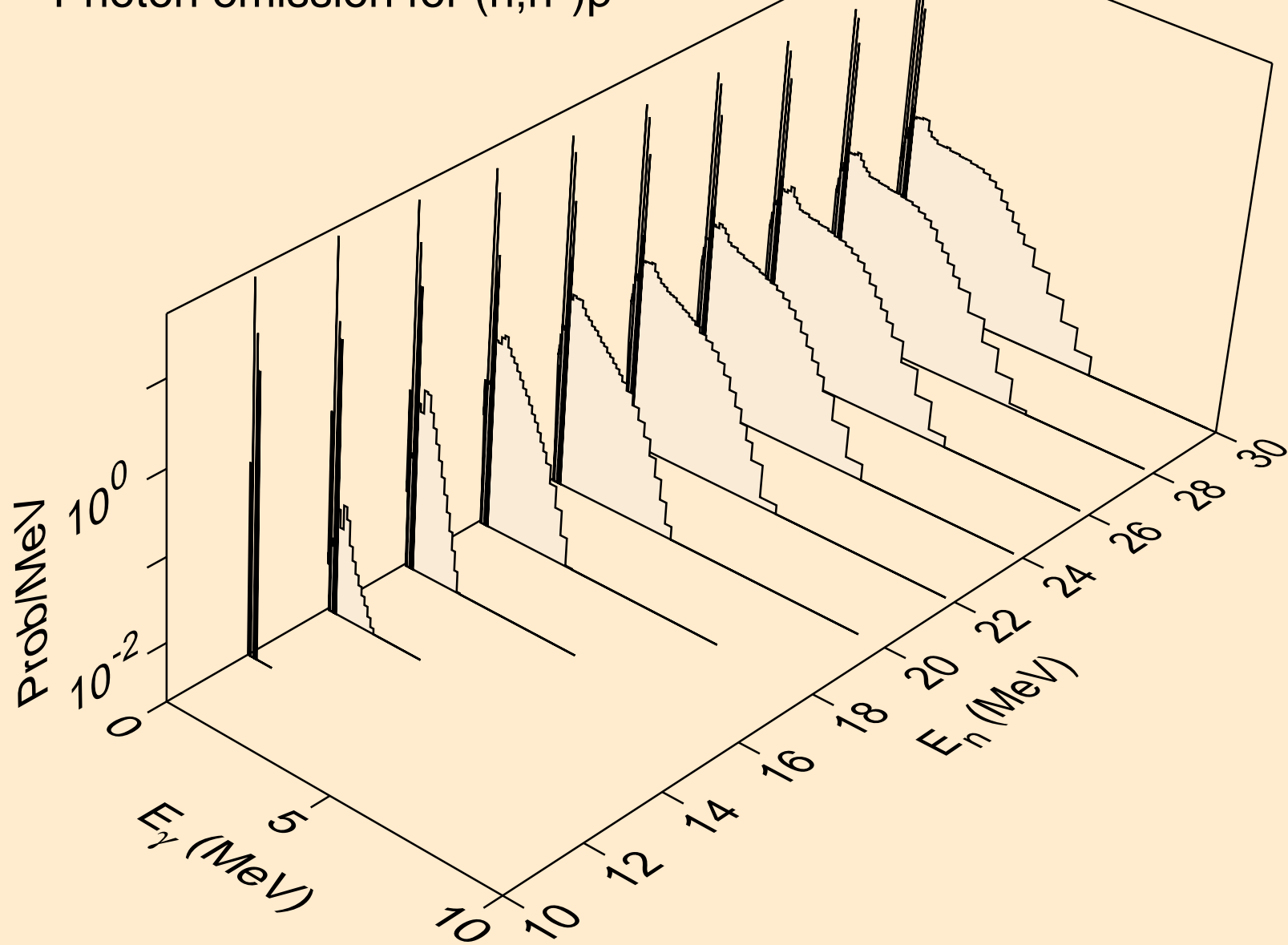


HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

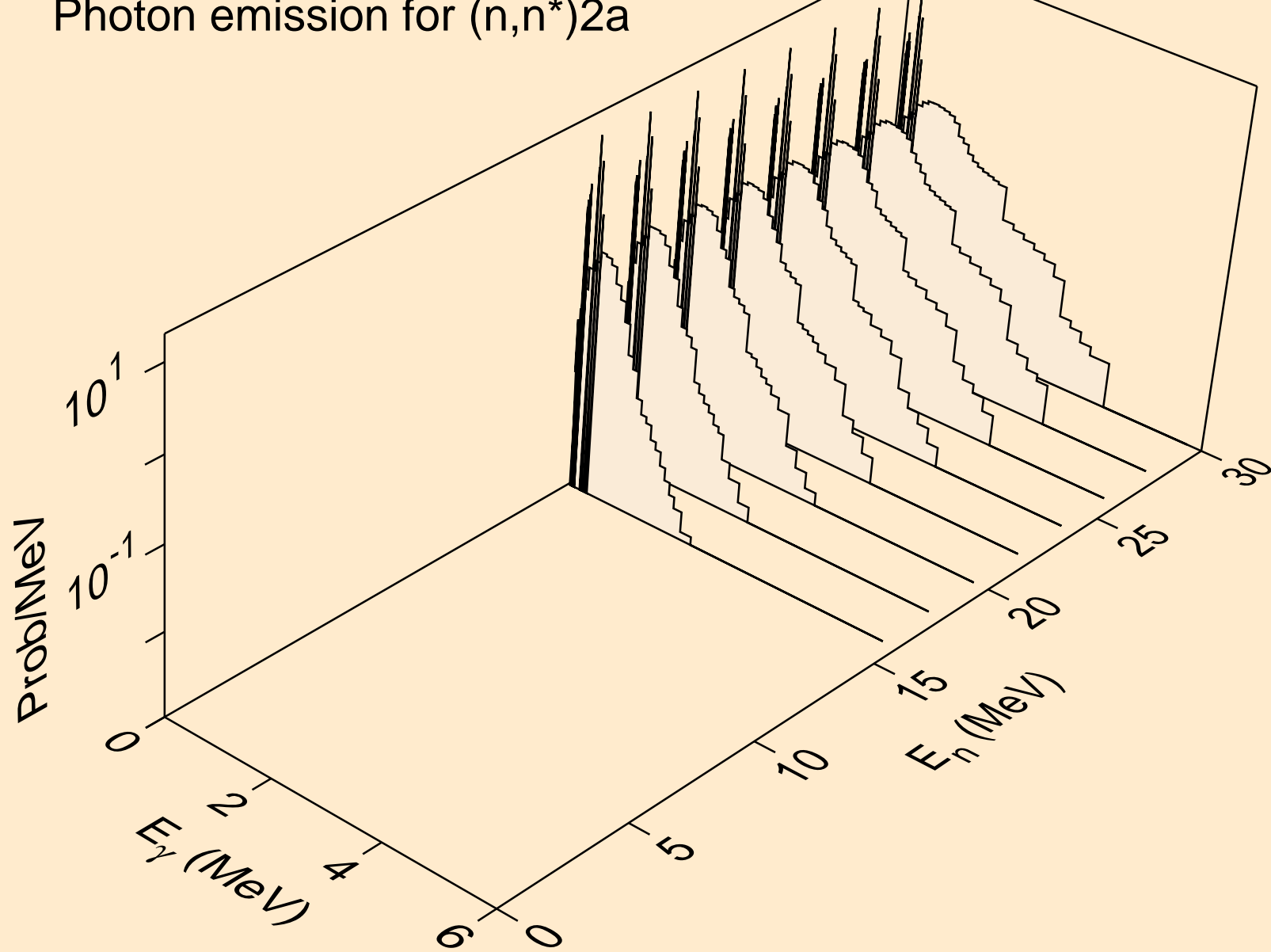




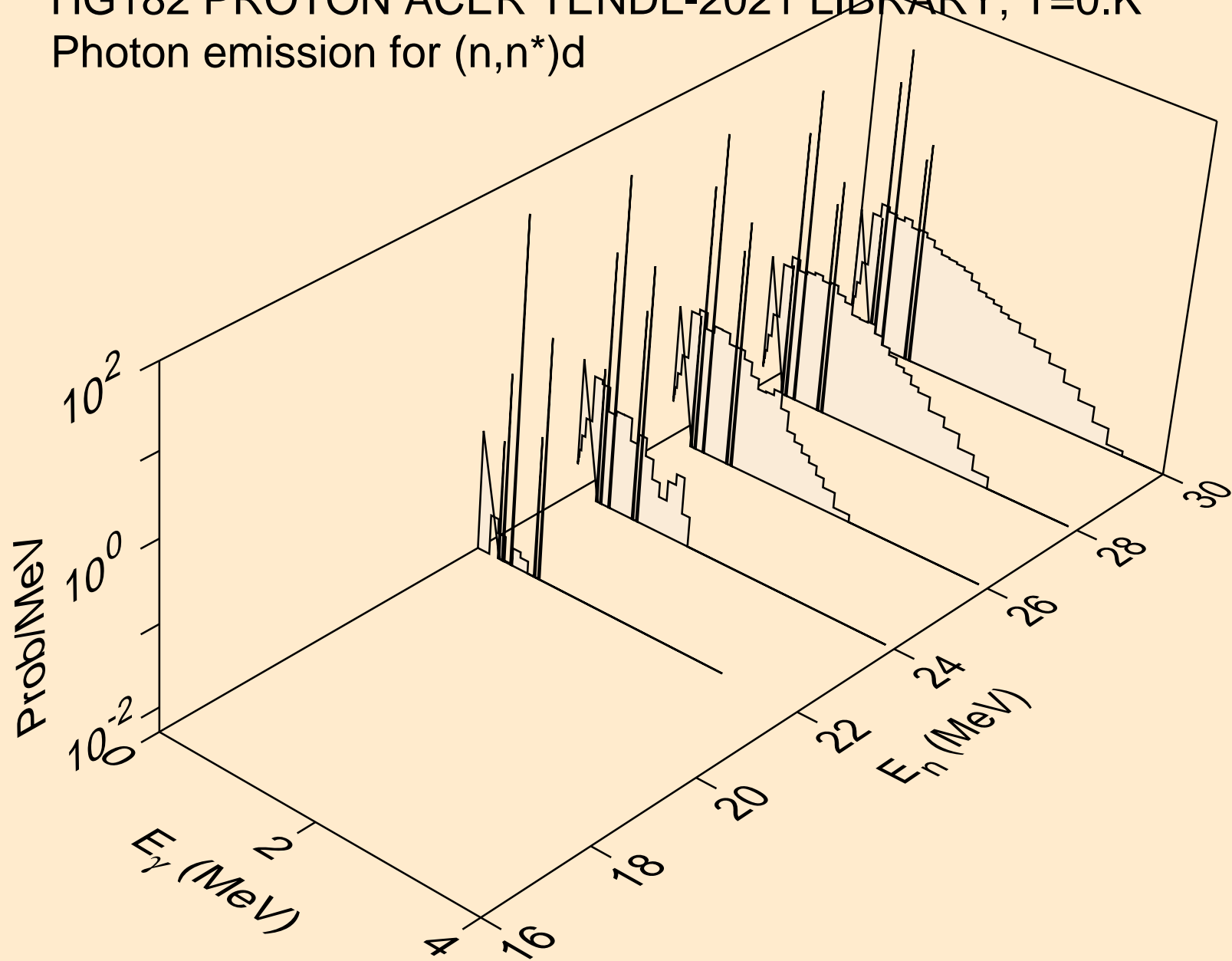
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



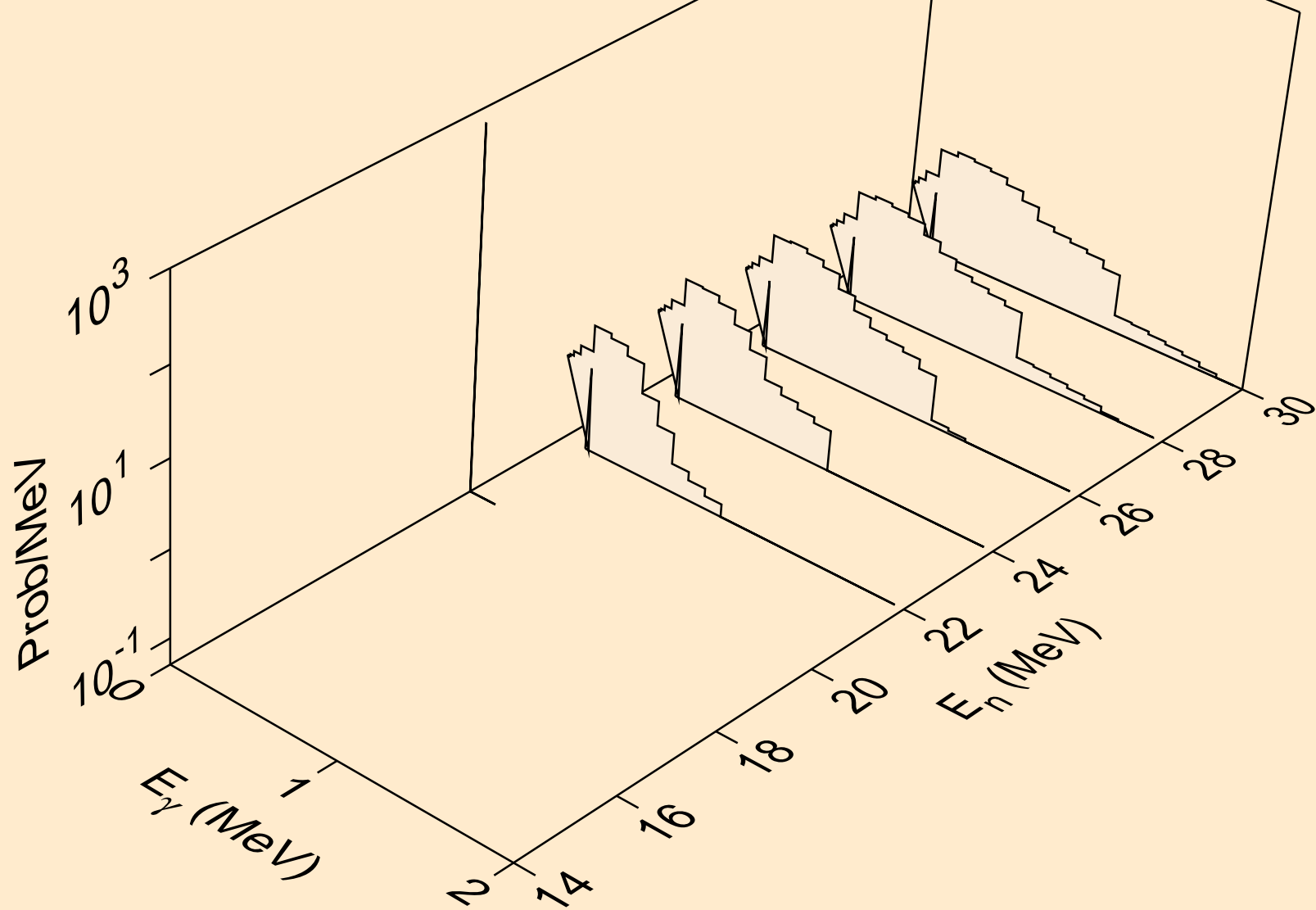
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Photon emission for (n,n\*)2a



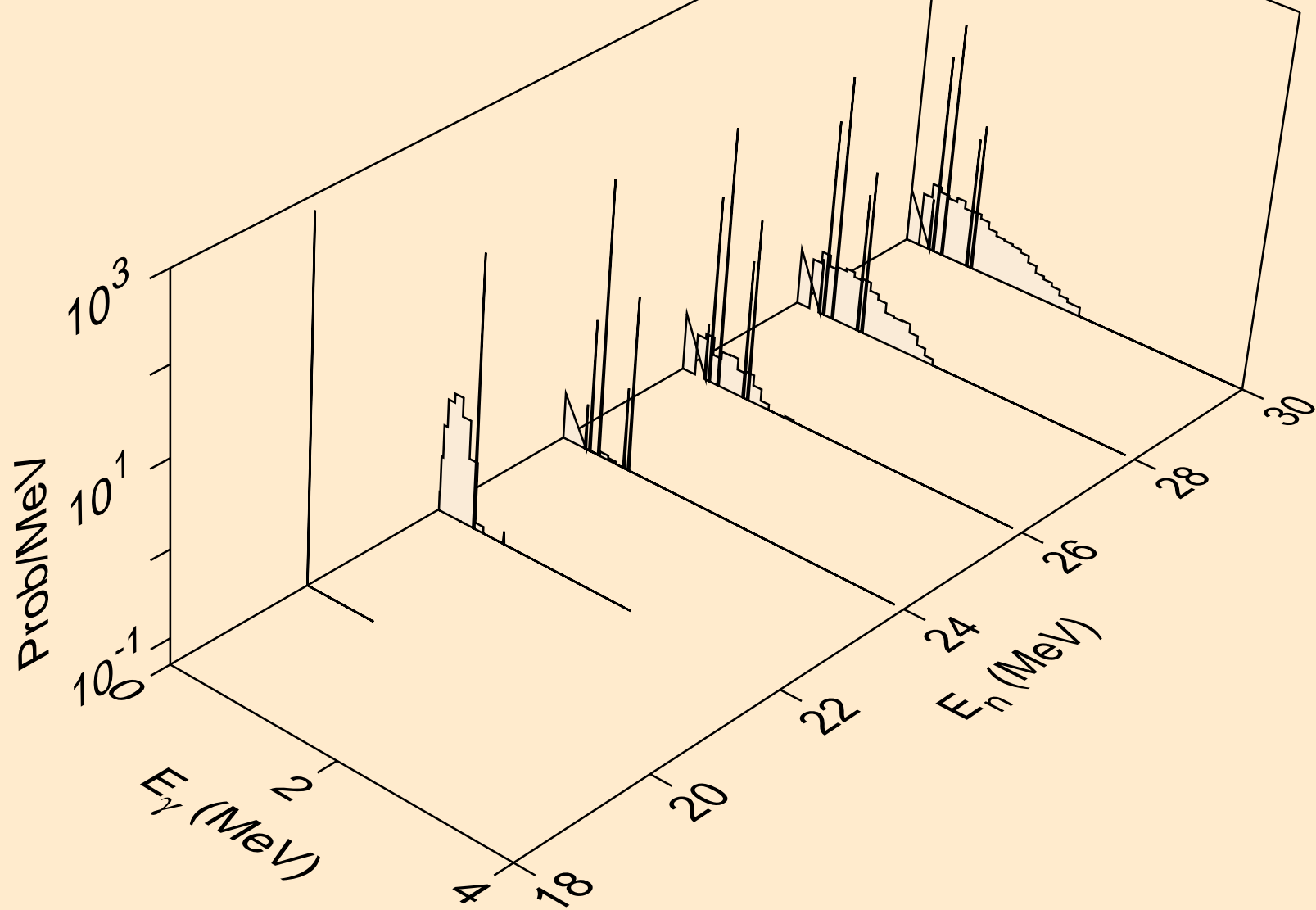
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Photon emission for (n,n\*)d



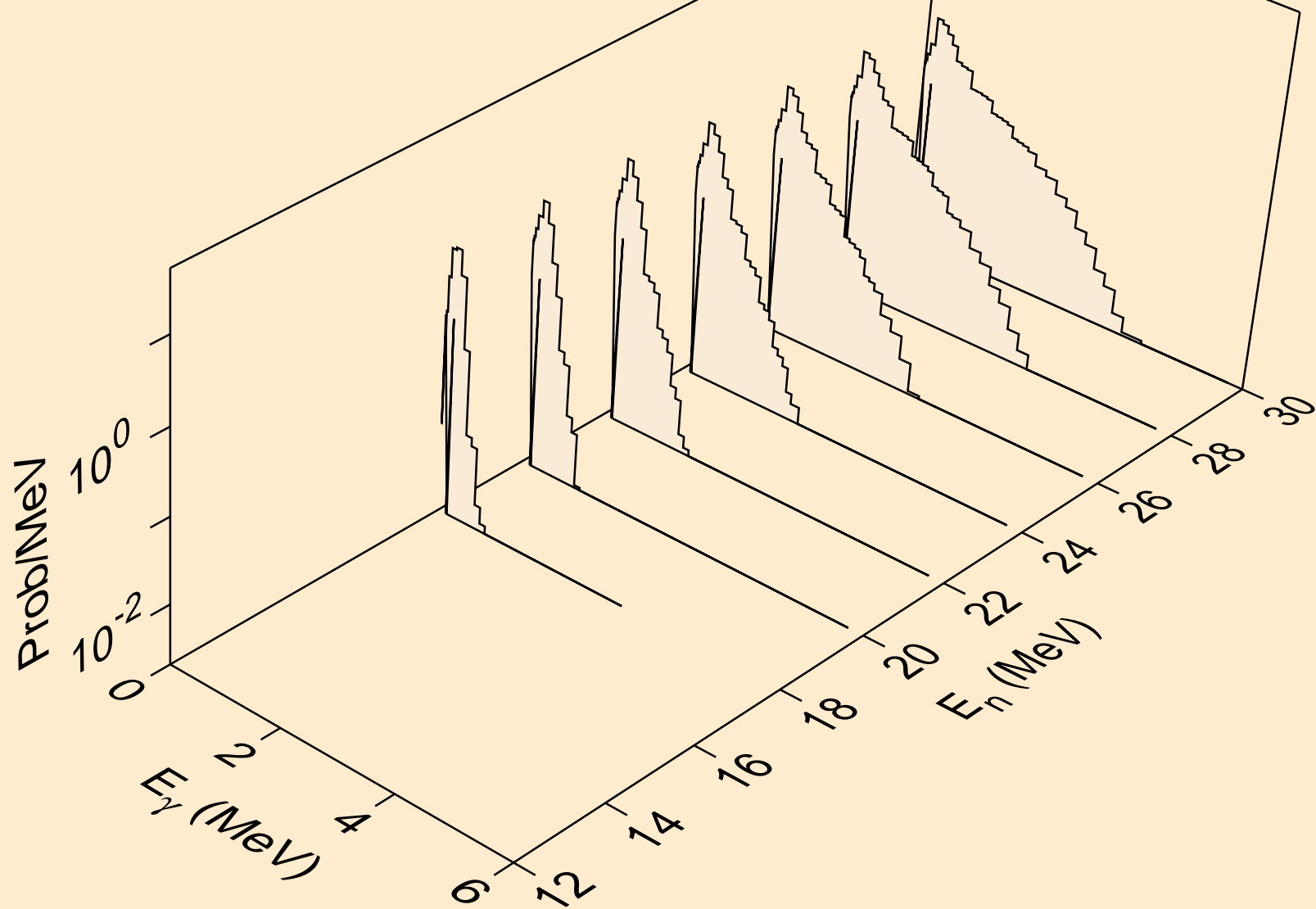
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Photon emission for (n,n\*)he3



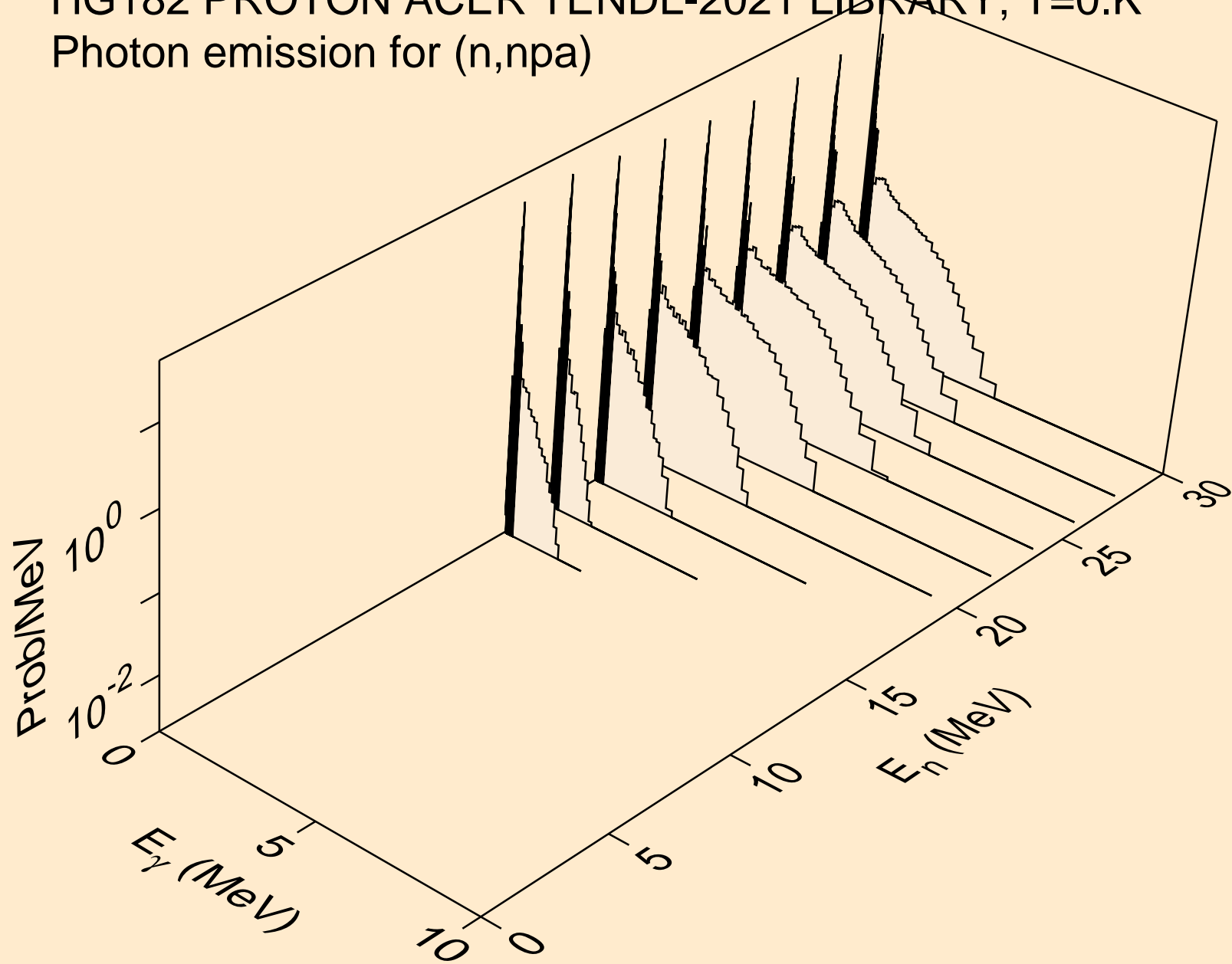
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Photon emission for (n,2np)



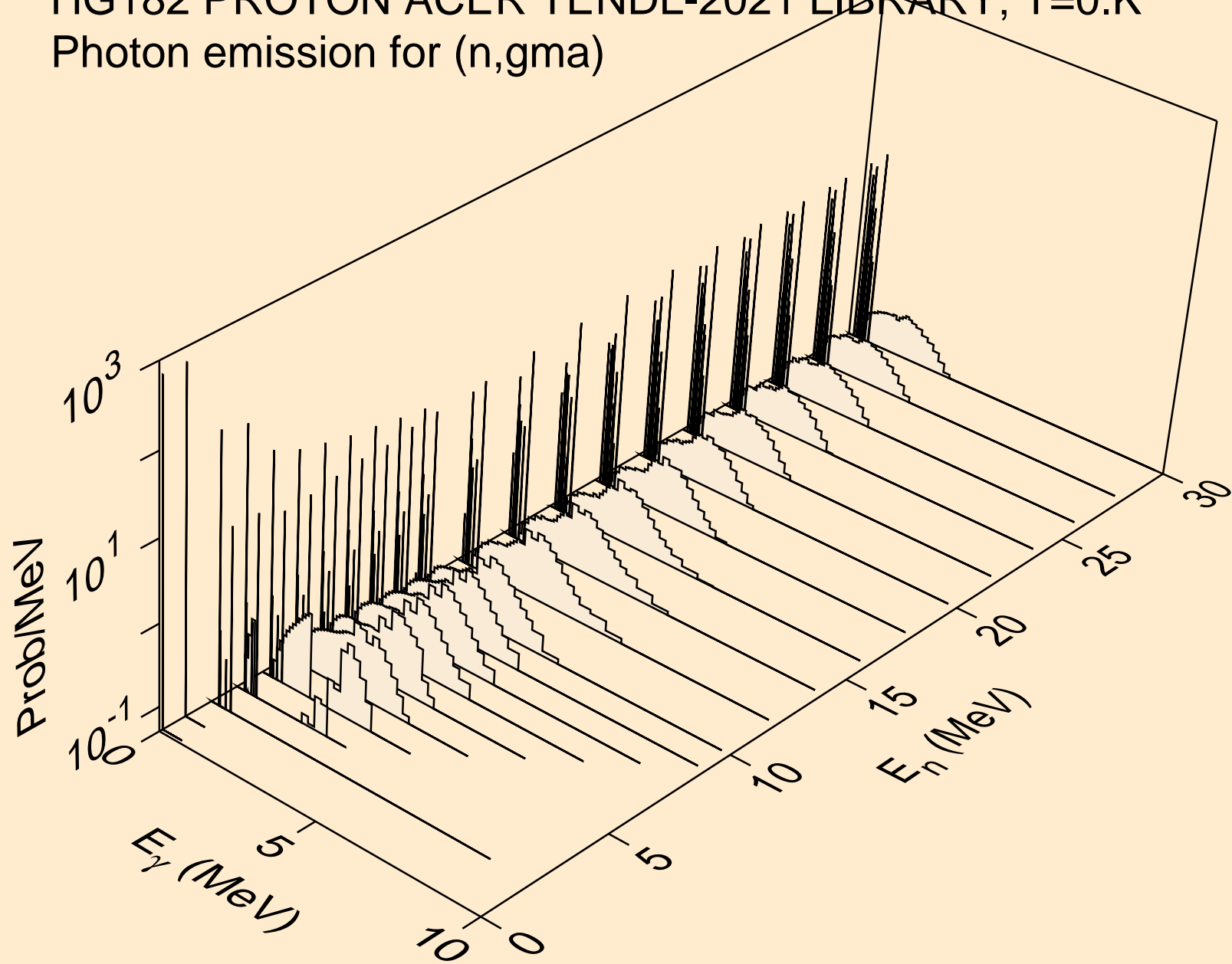
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Photon emission for (n,2np)



HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

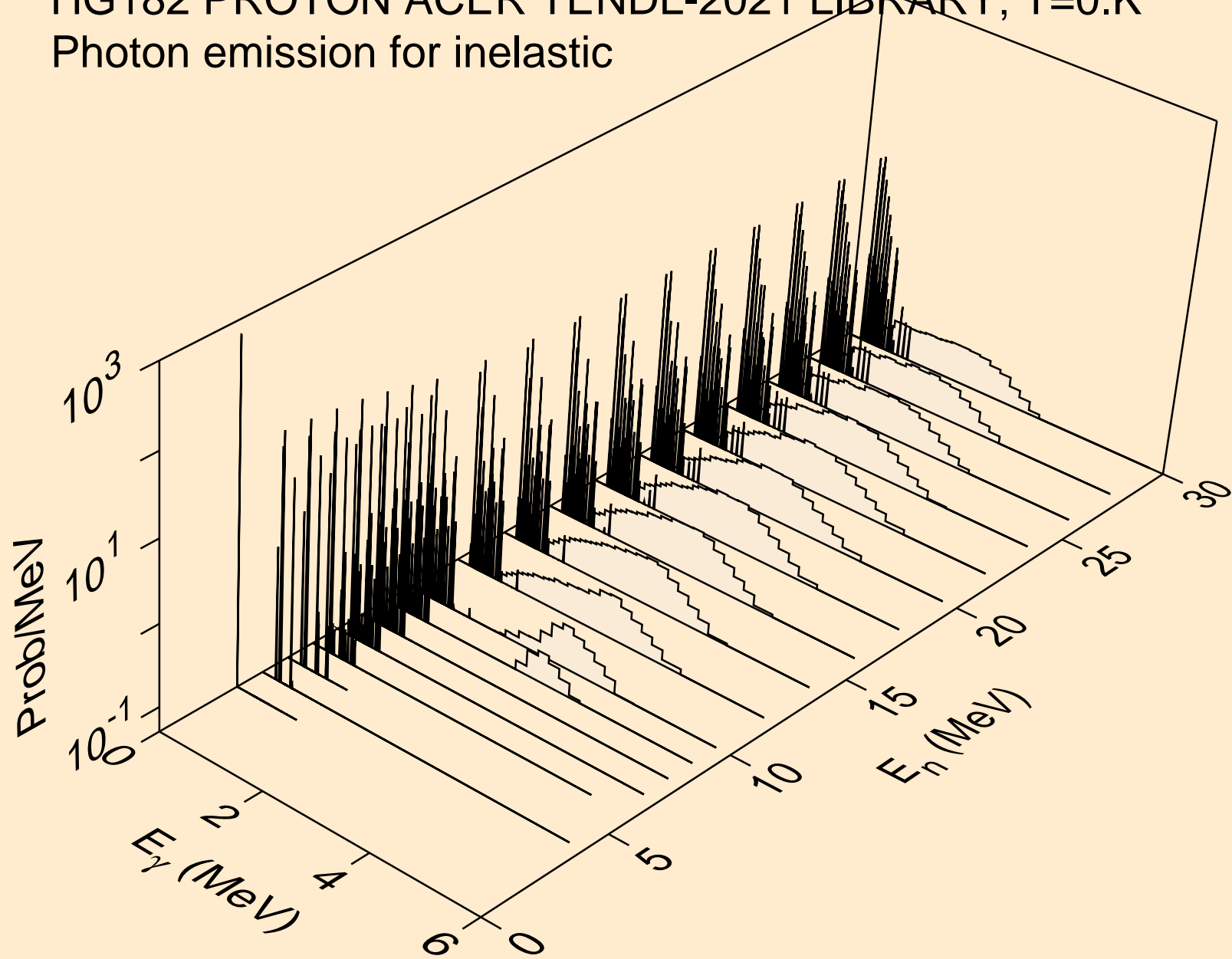


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Photon emission for (n,gma)

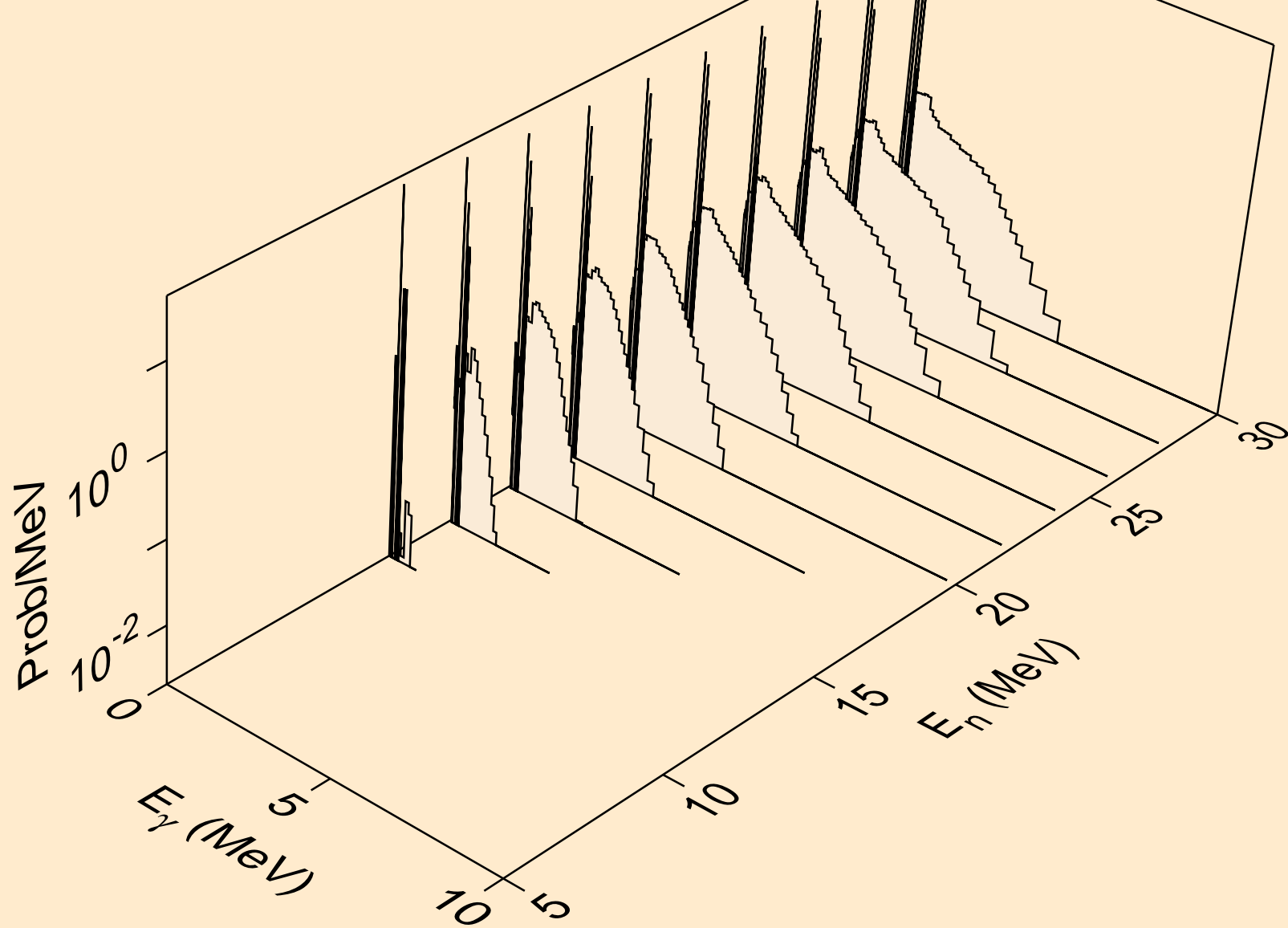




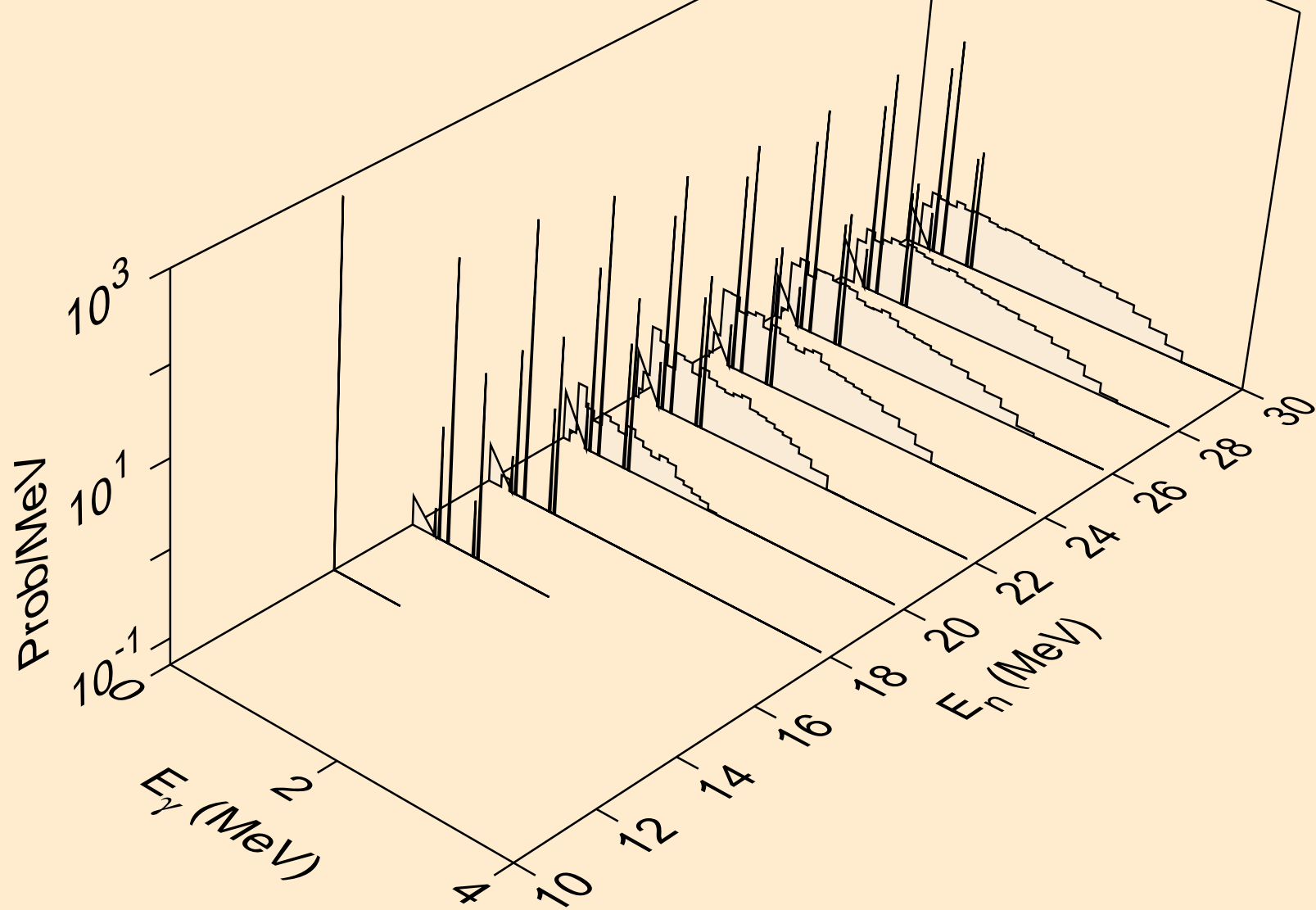
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



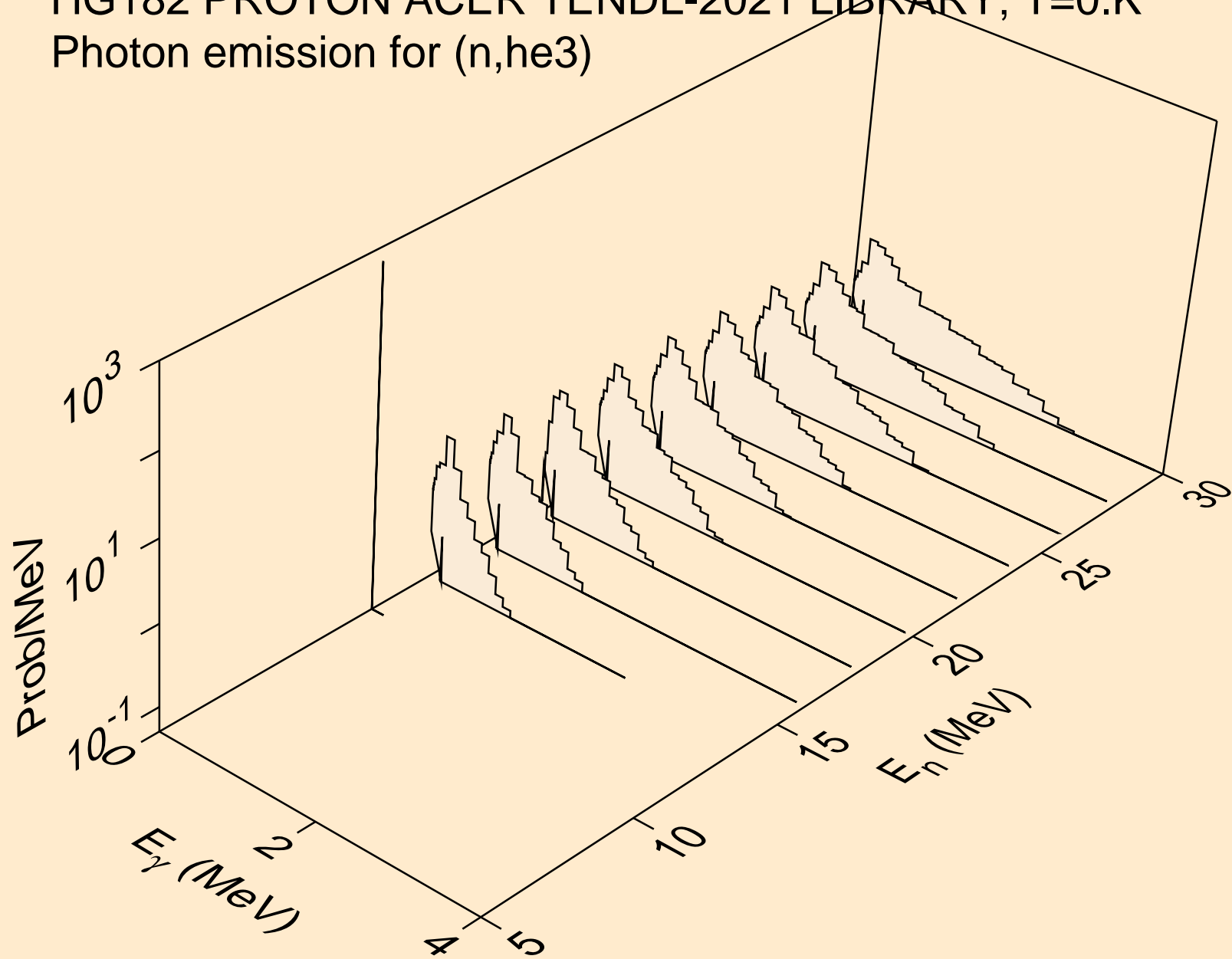
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Photon emission for (n,d)



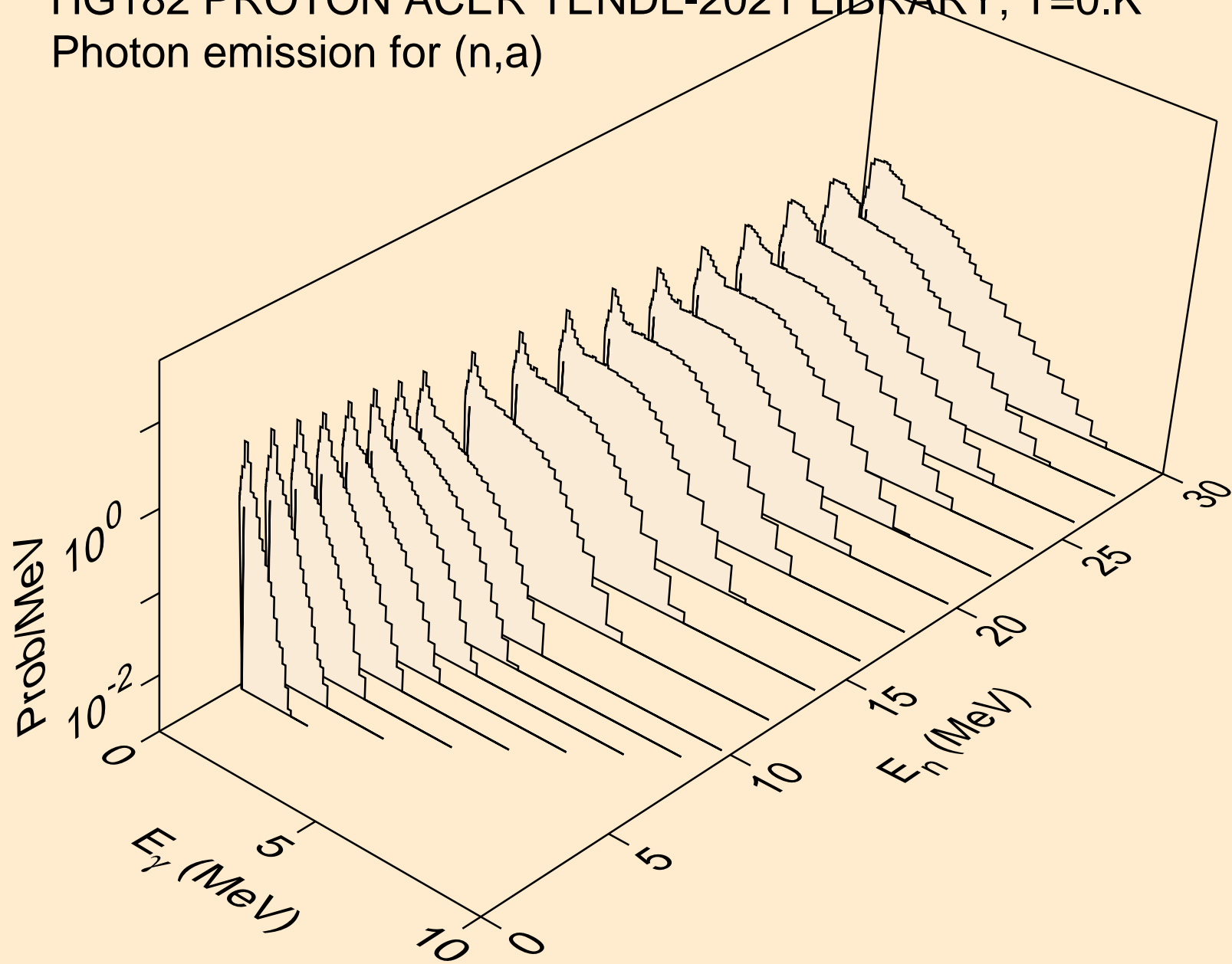
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Photon emission for (n,t)



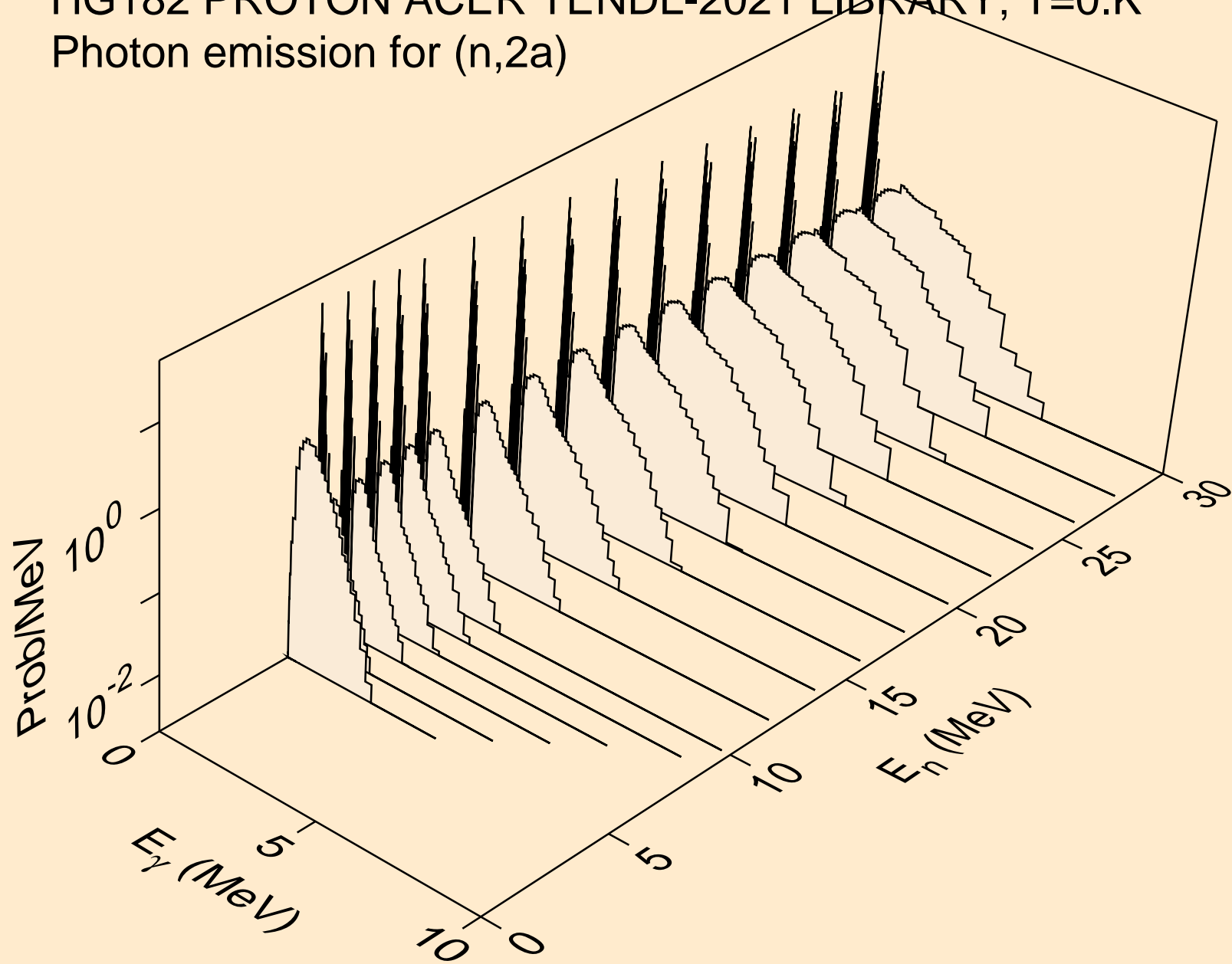
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Photon emission for (n,he3)



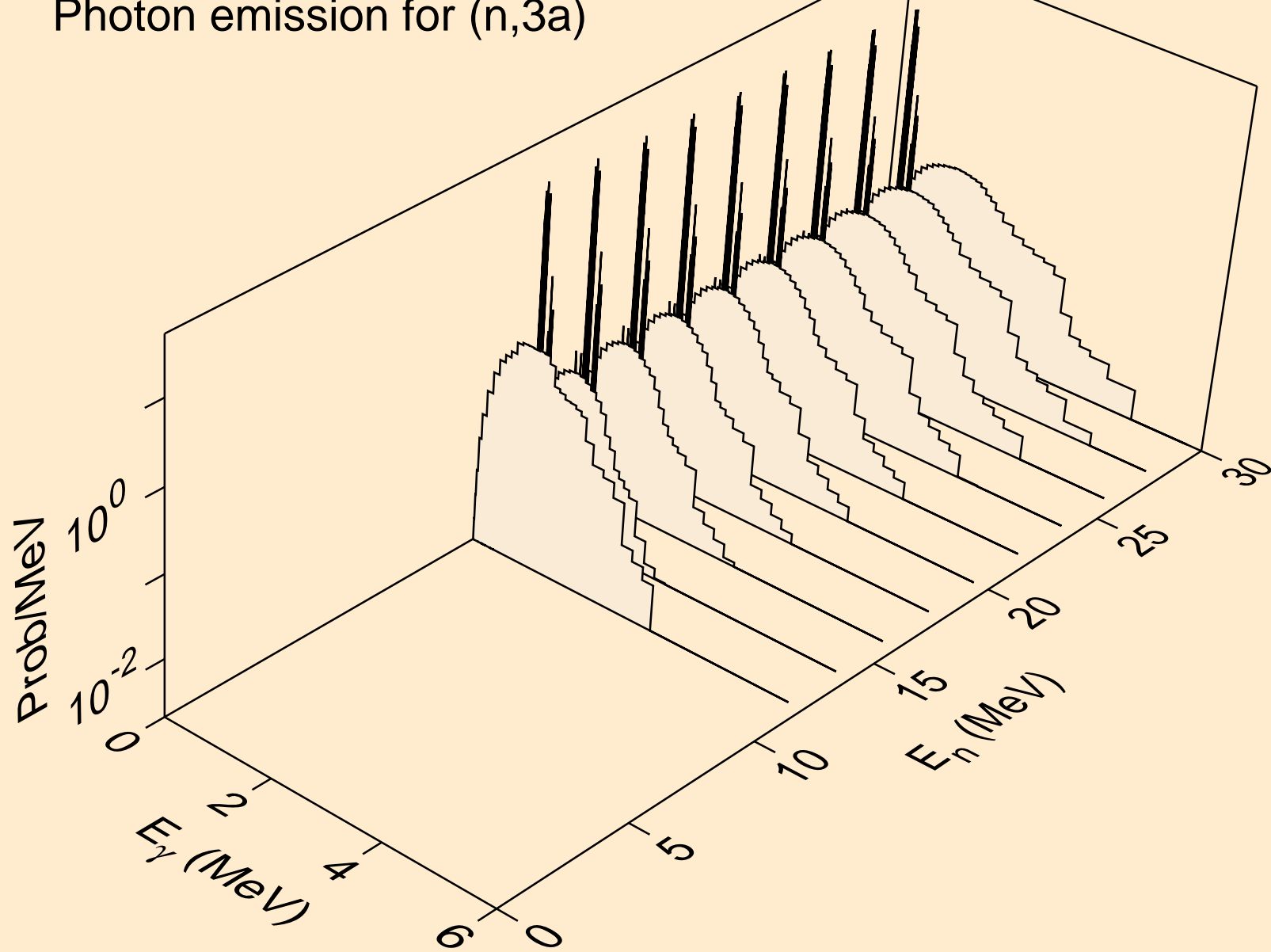
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Photon emission for (n,a)



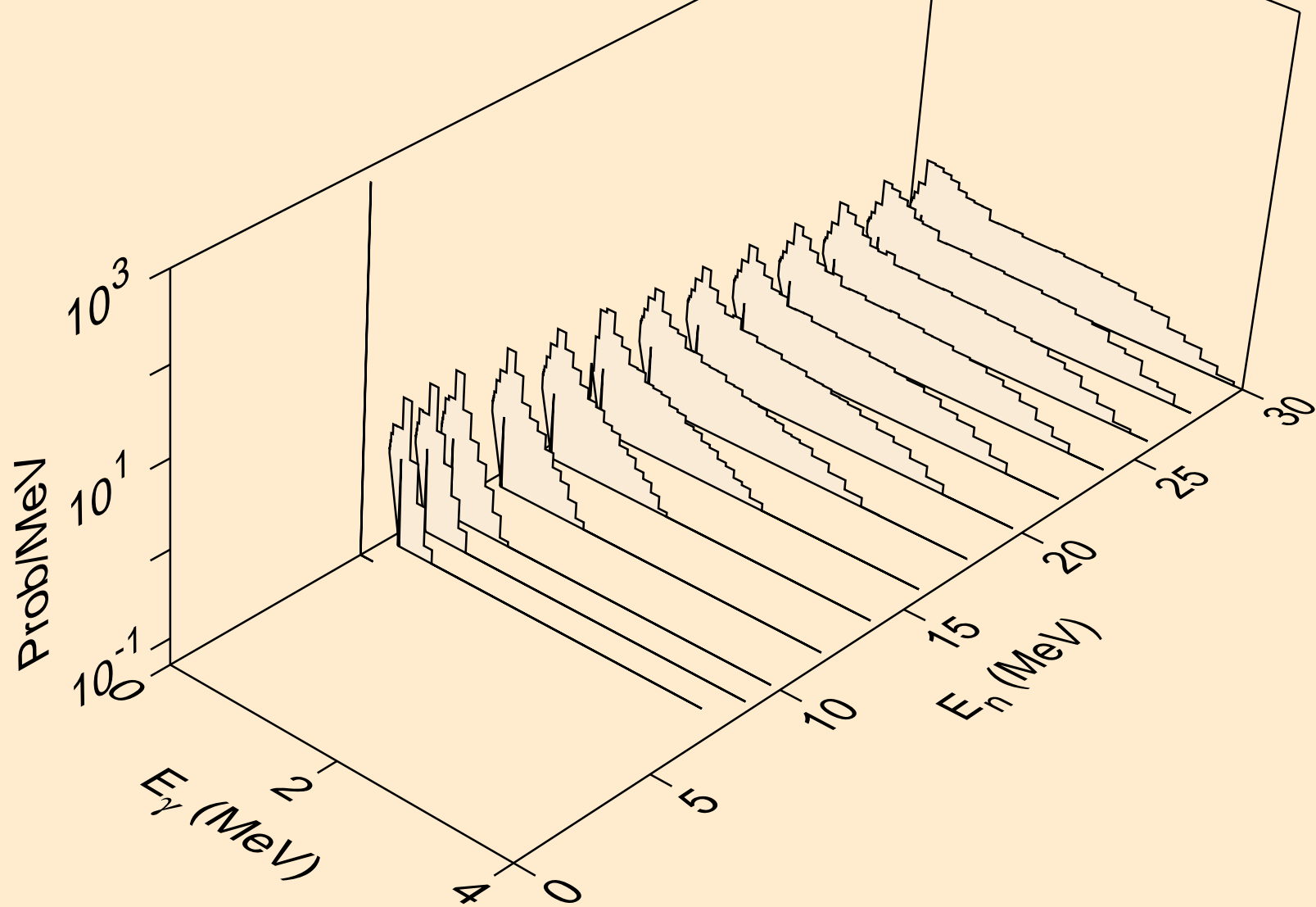
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)

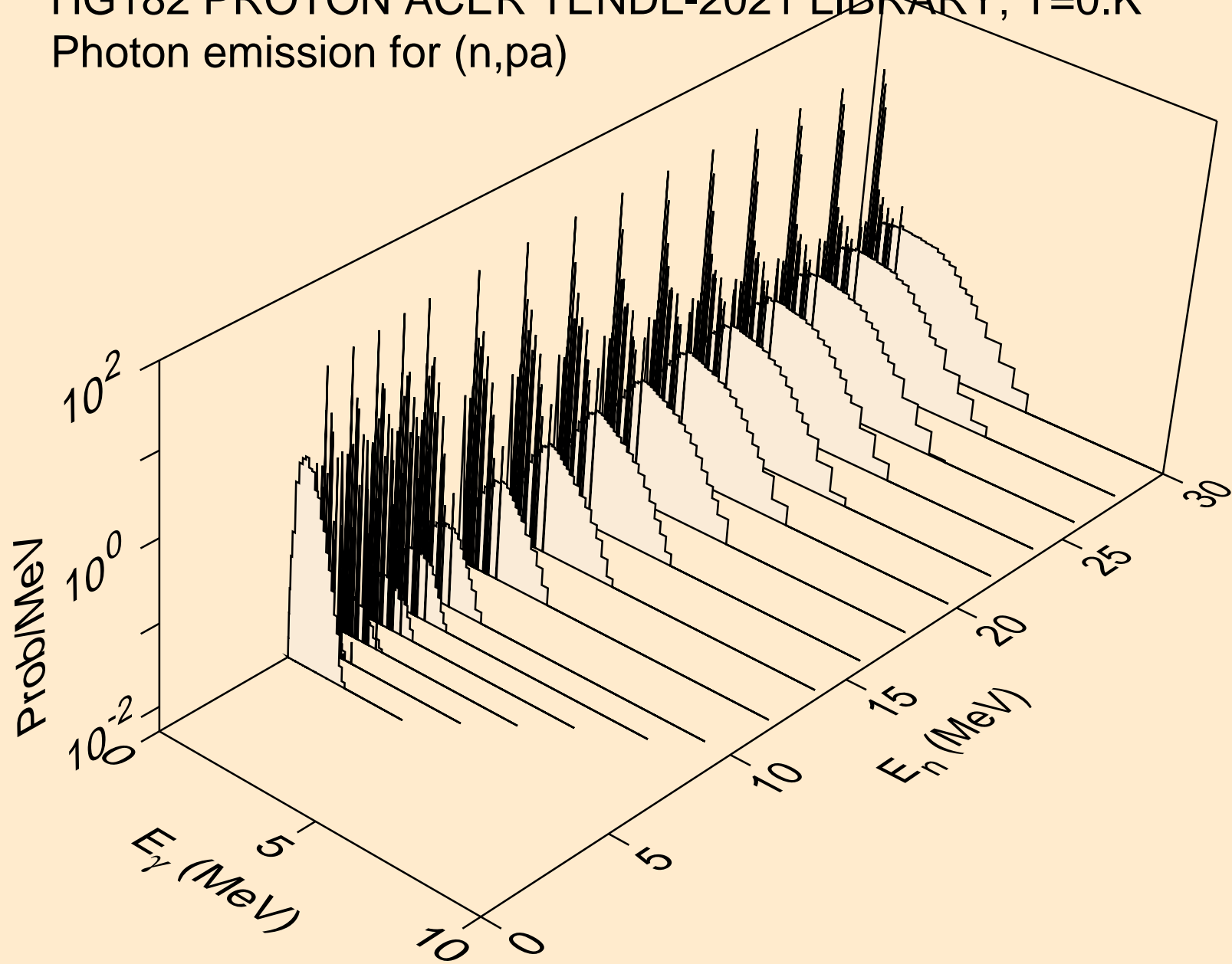


HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

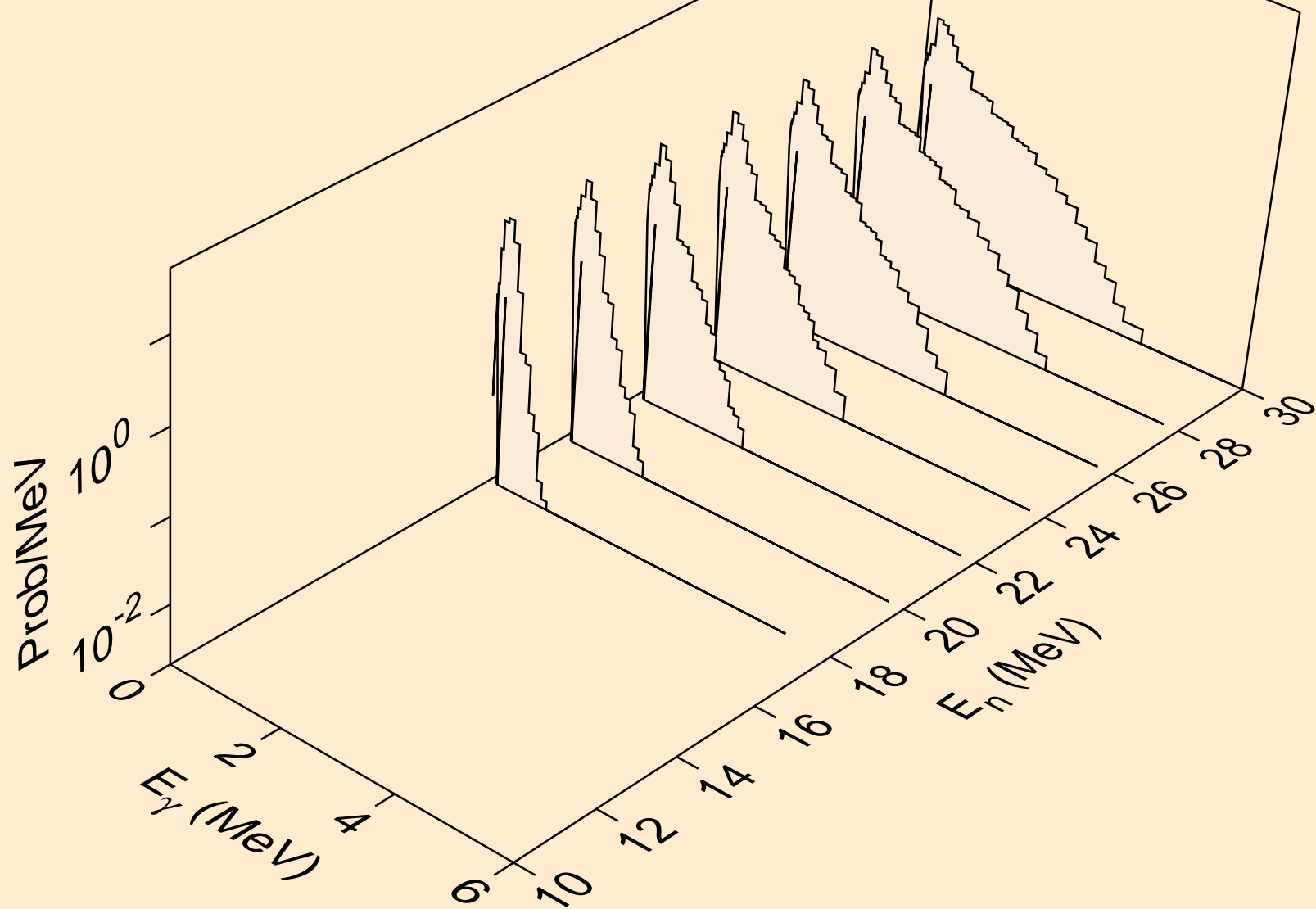




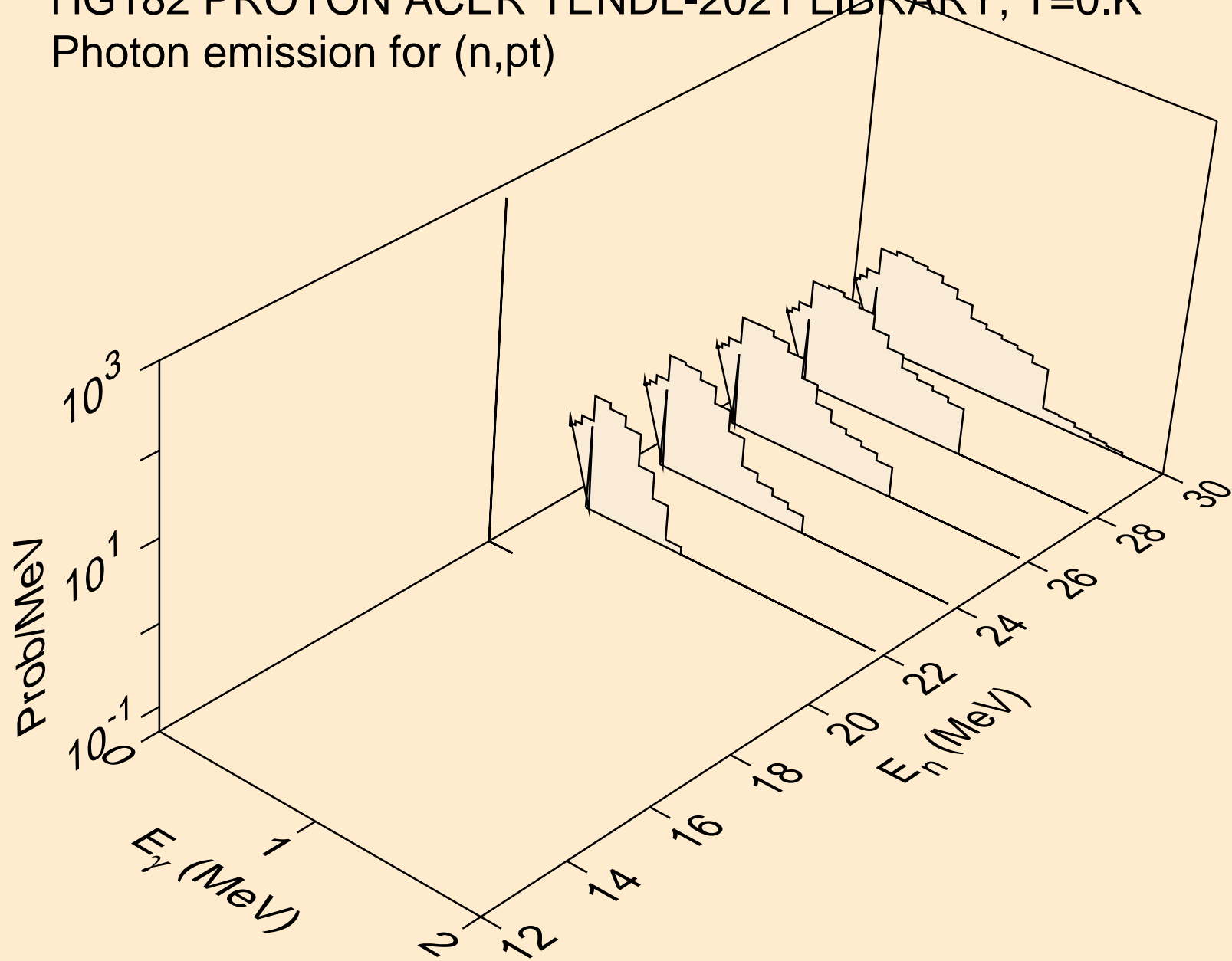
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Photon emission for (n,pa)



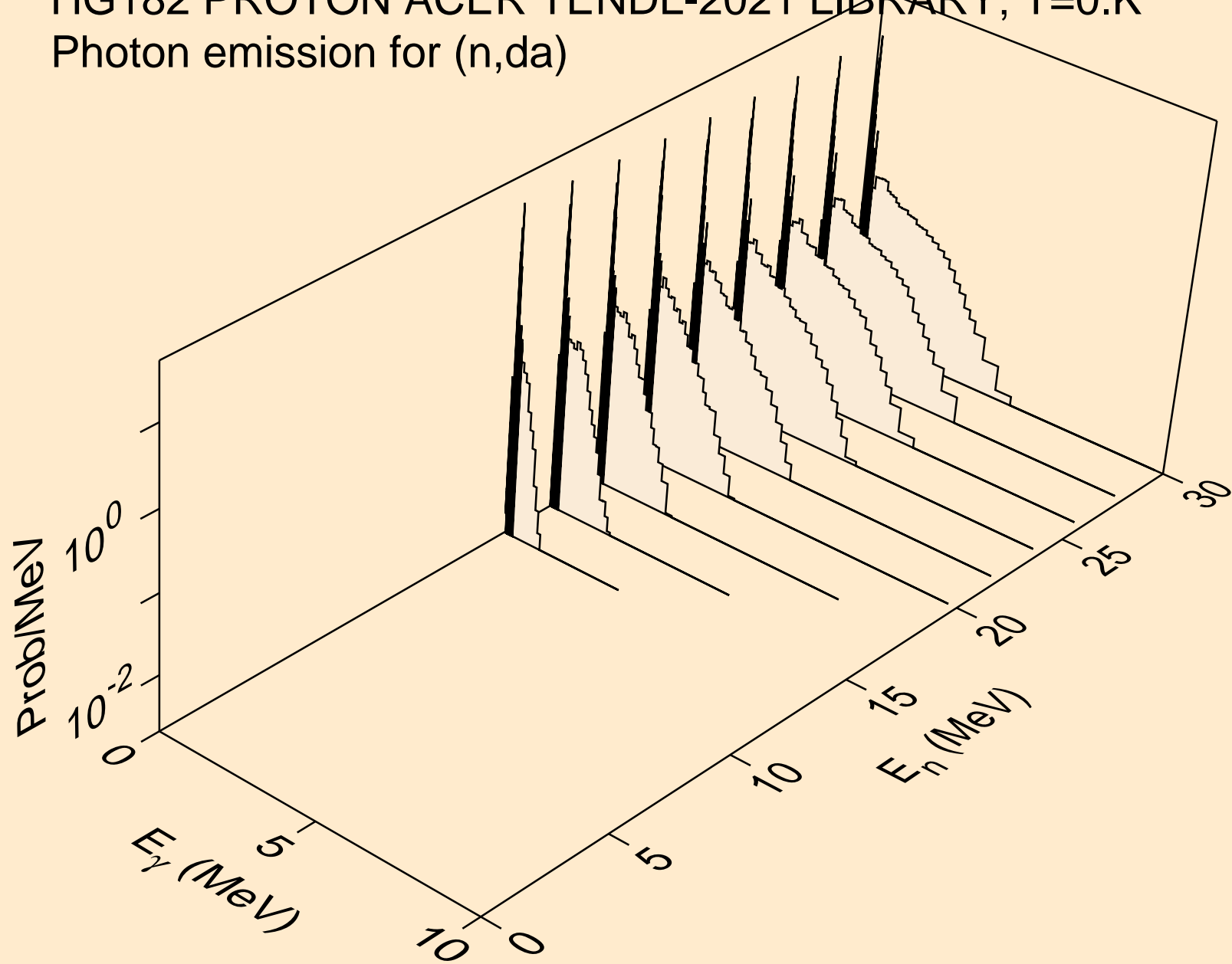
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

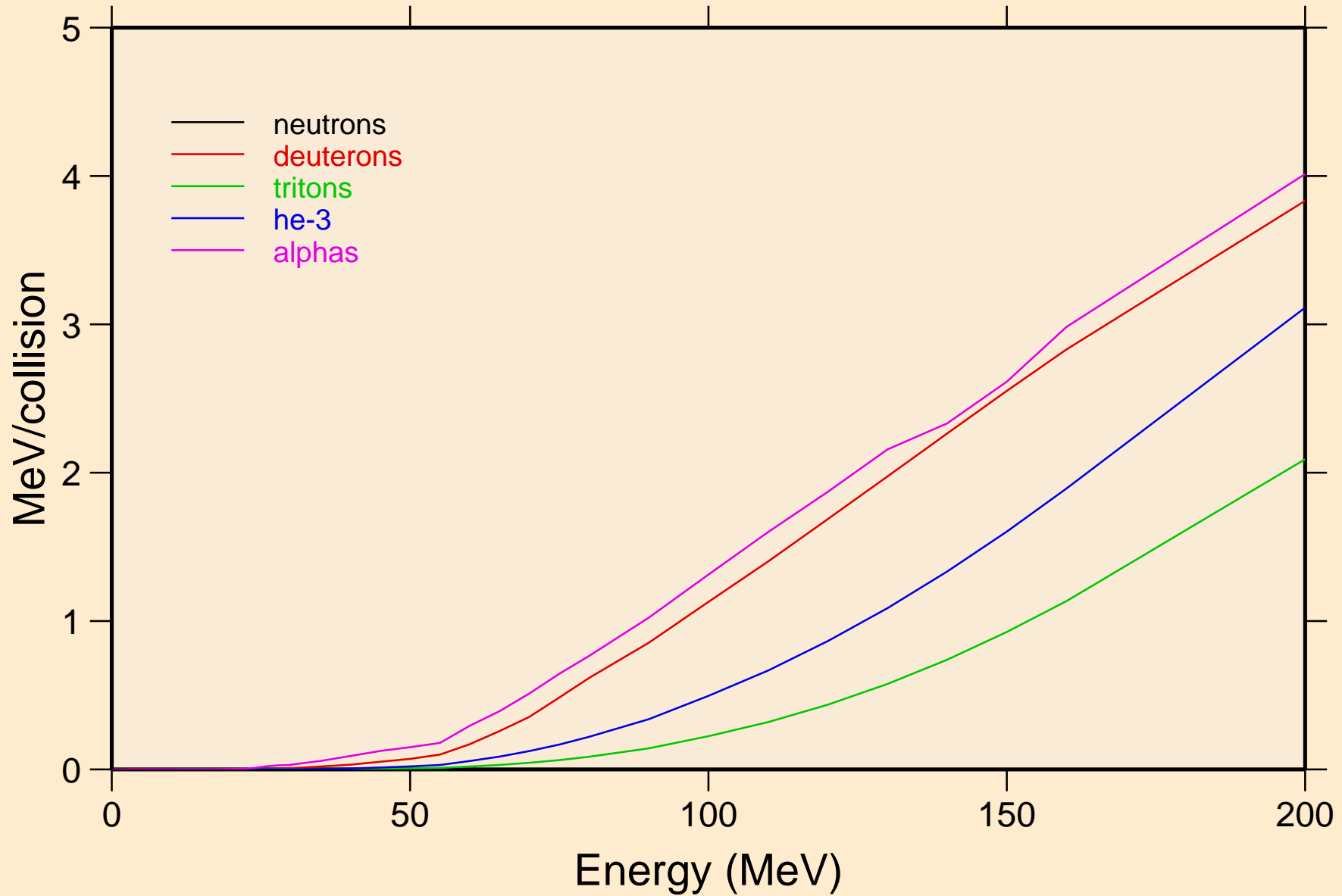


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Photon emission for (n,da)

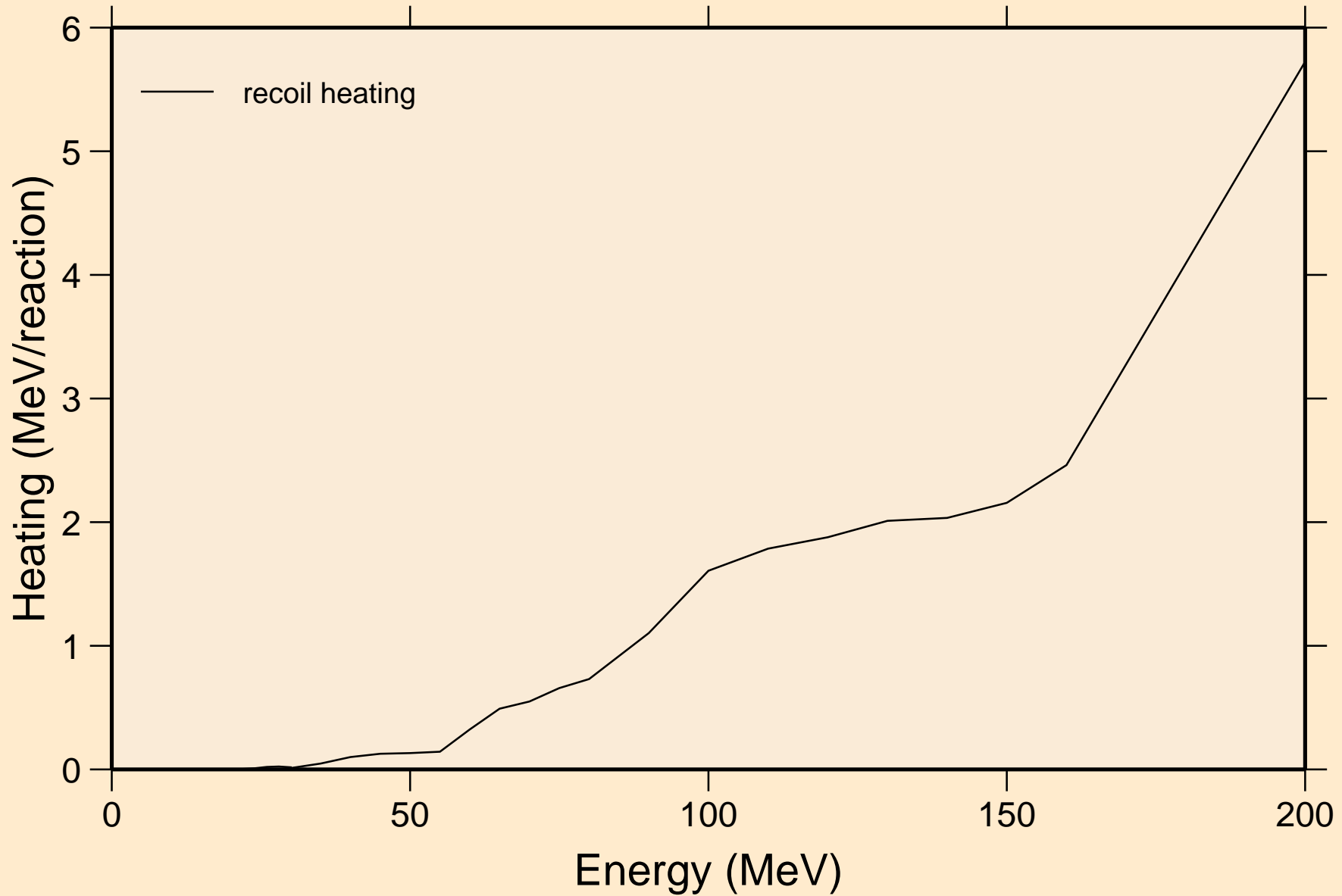


# HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K

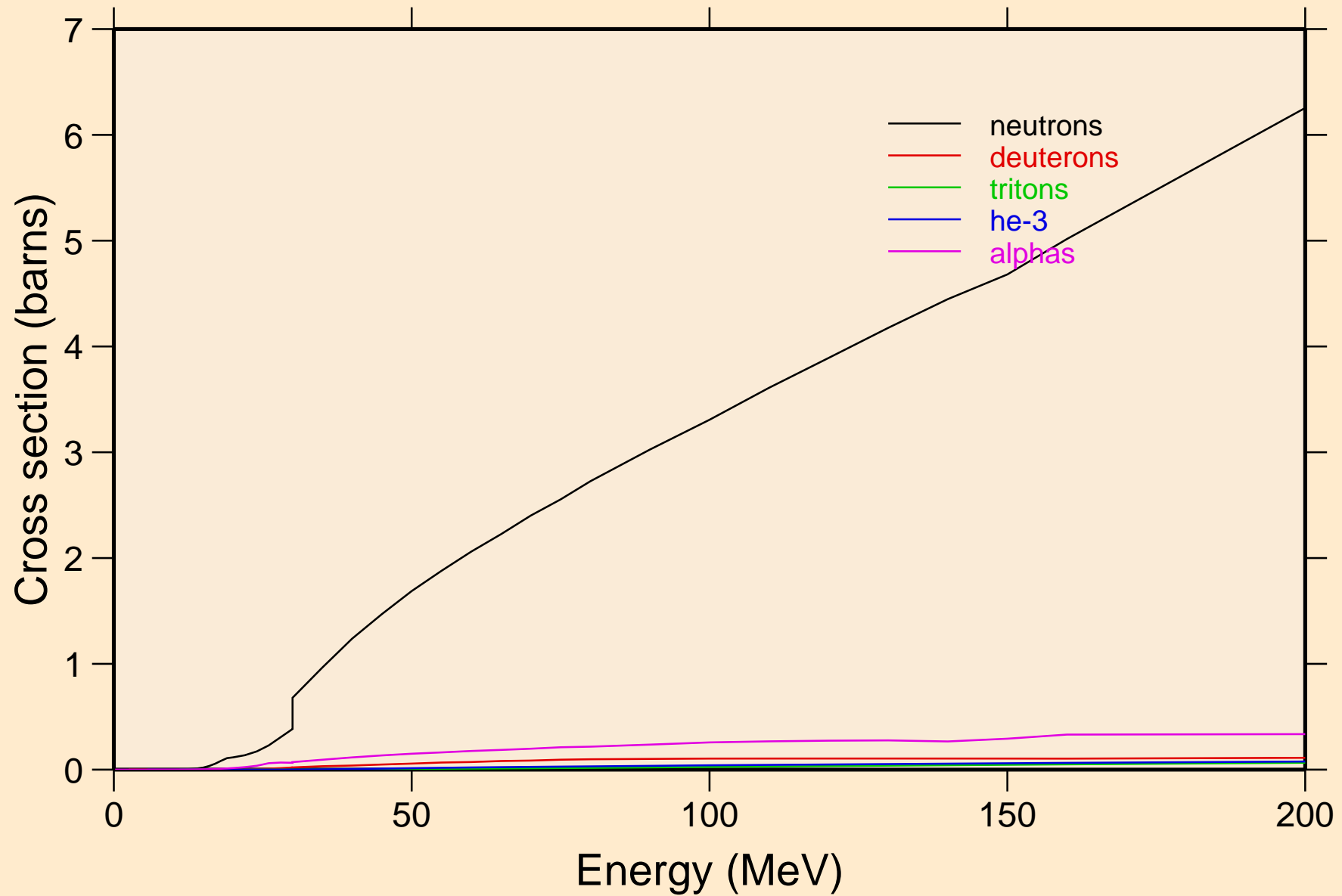
## Particle heating contributions



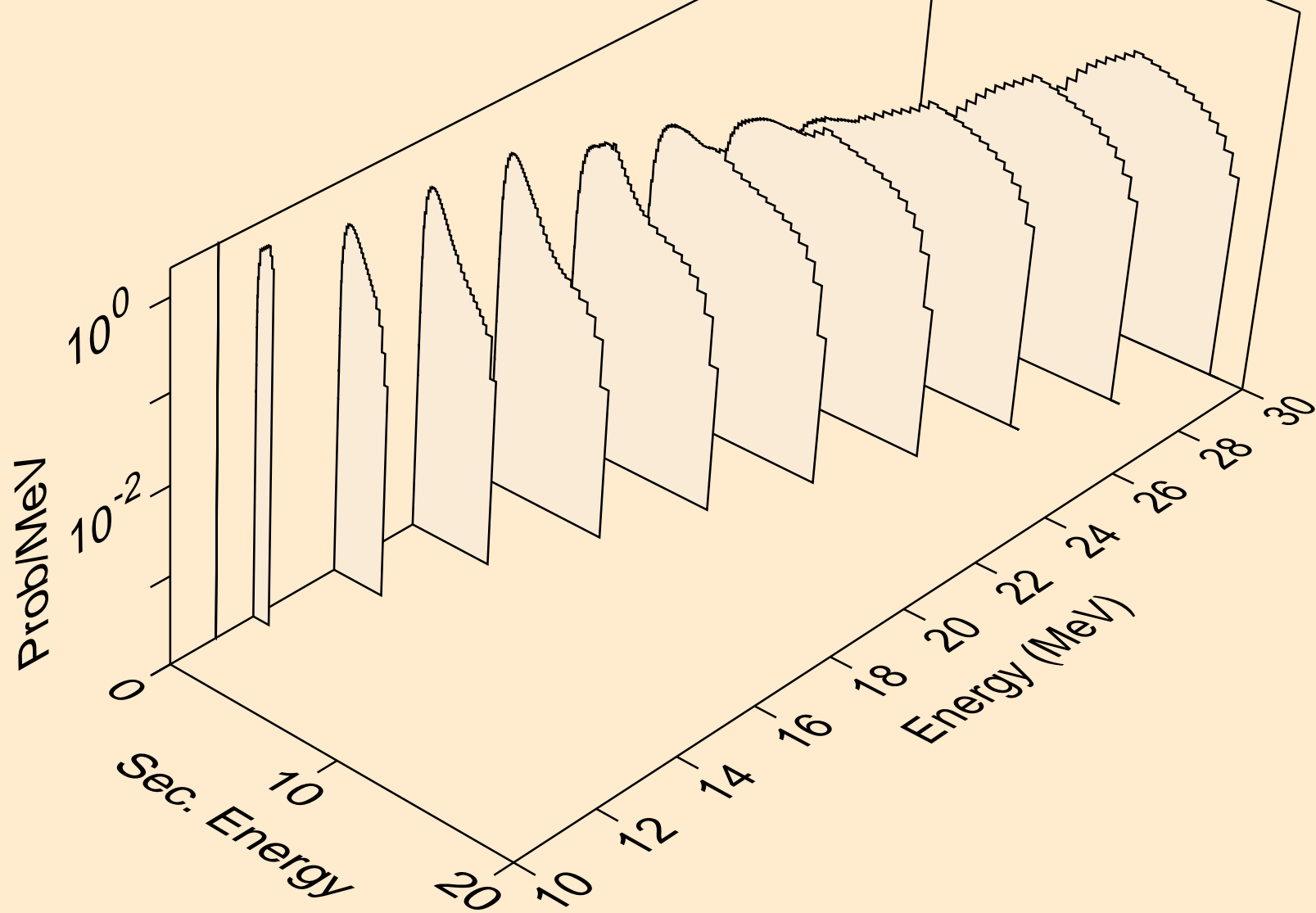
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

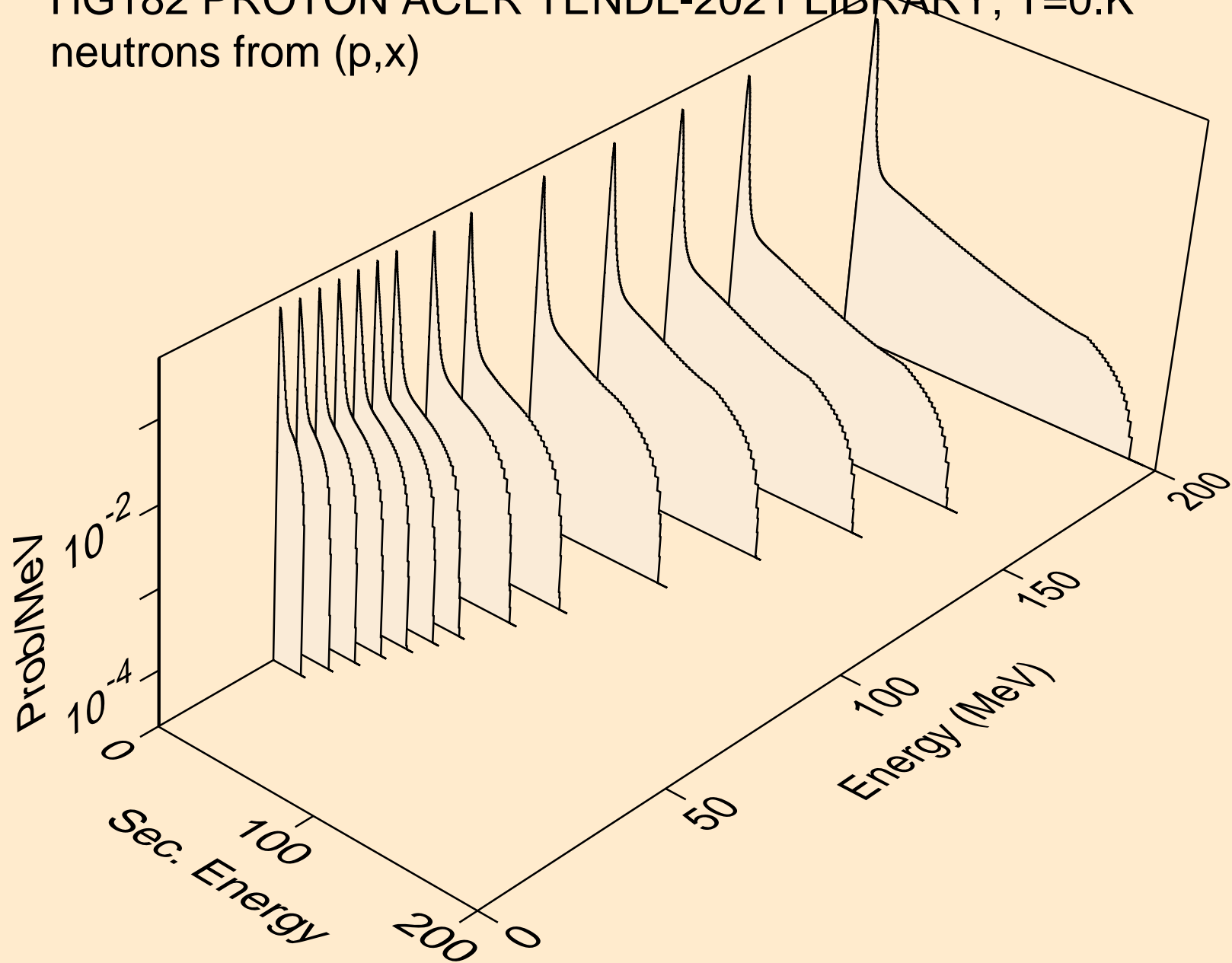


HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)

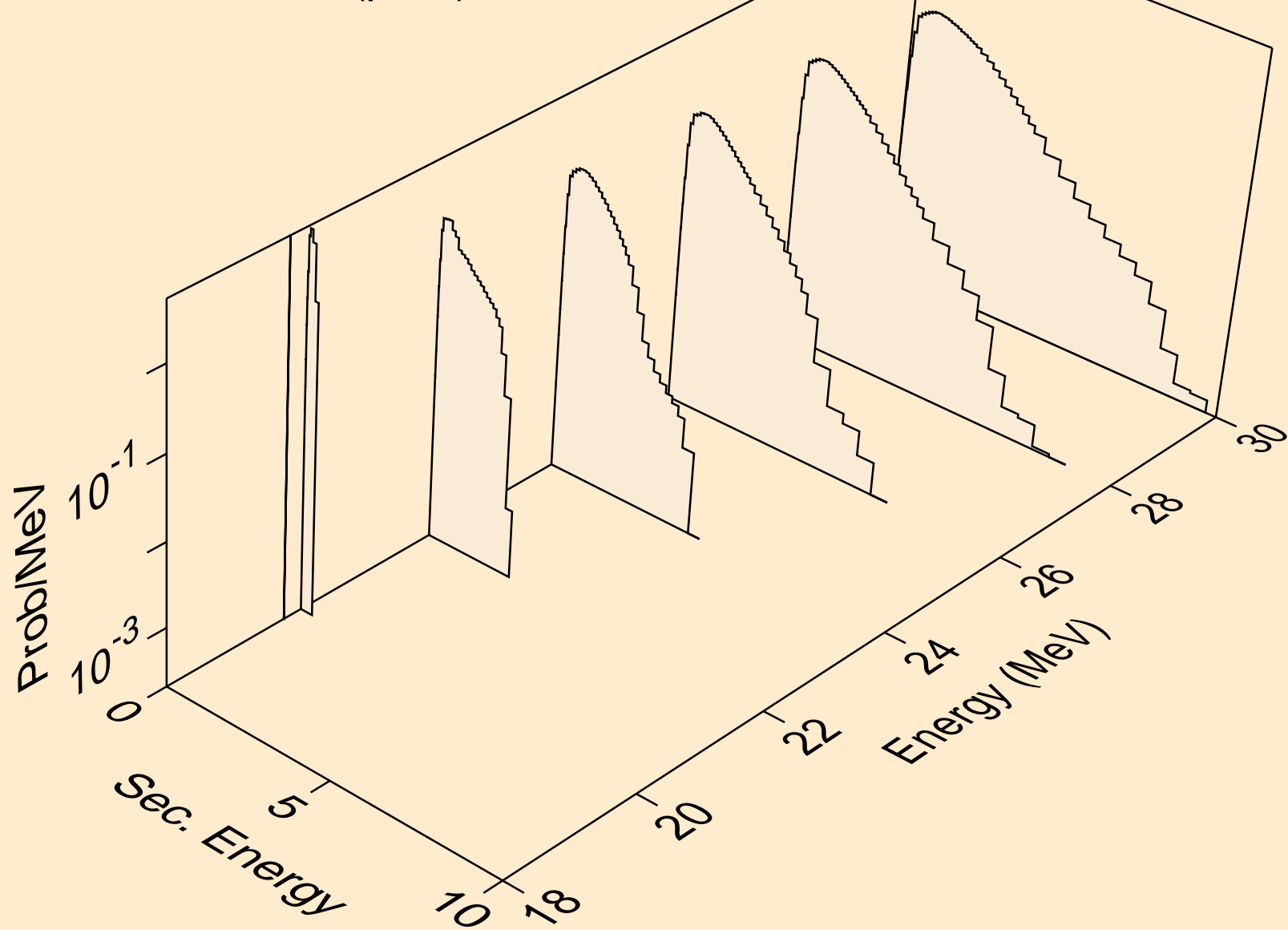




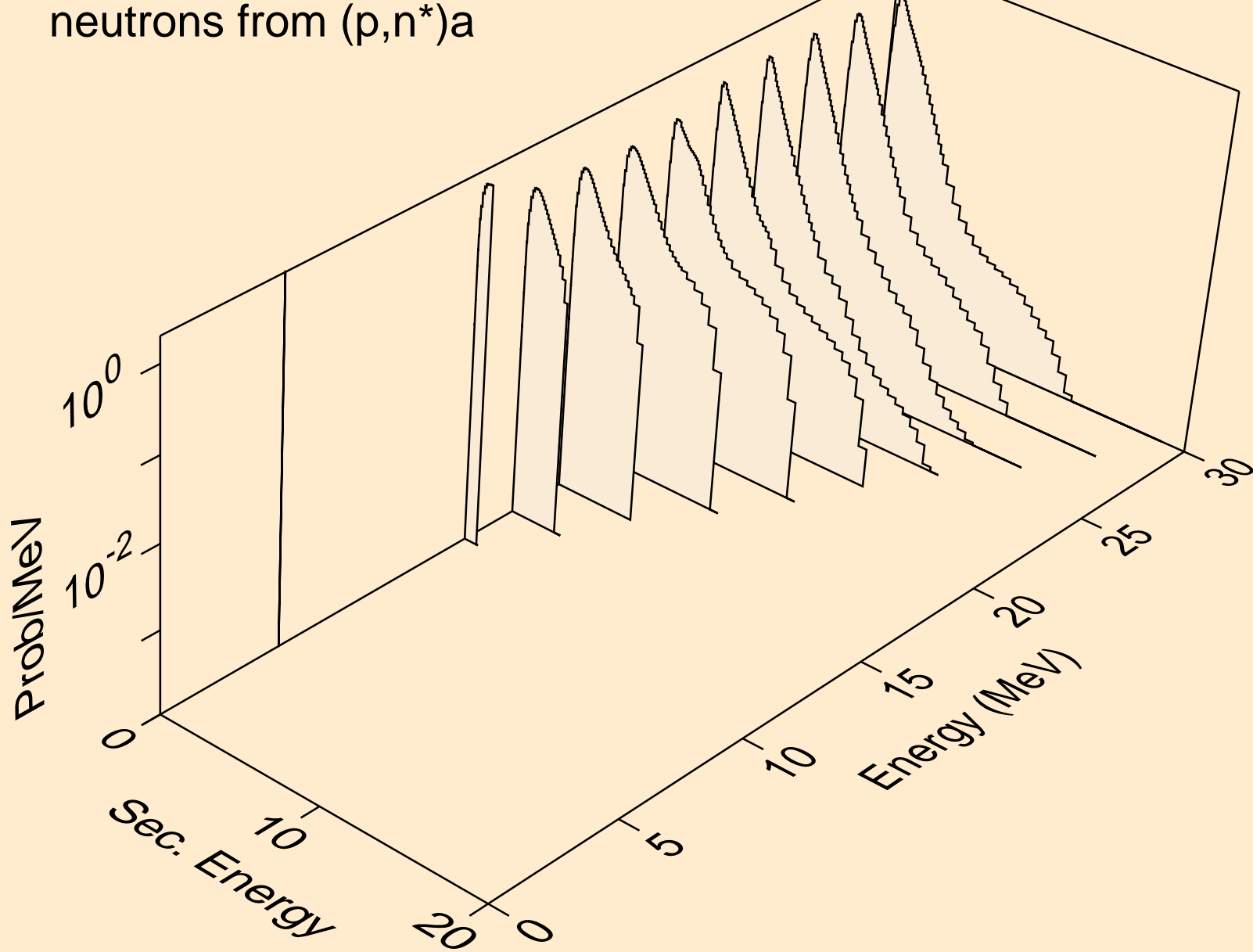
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



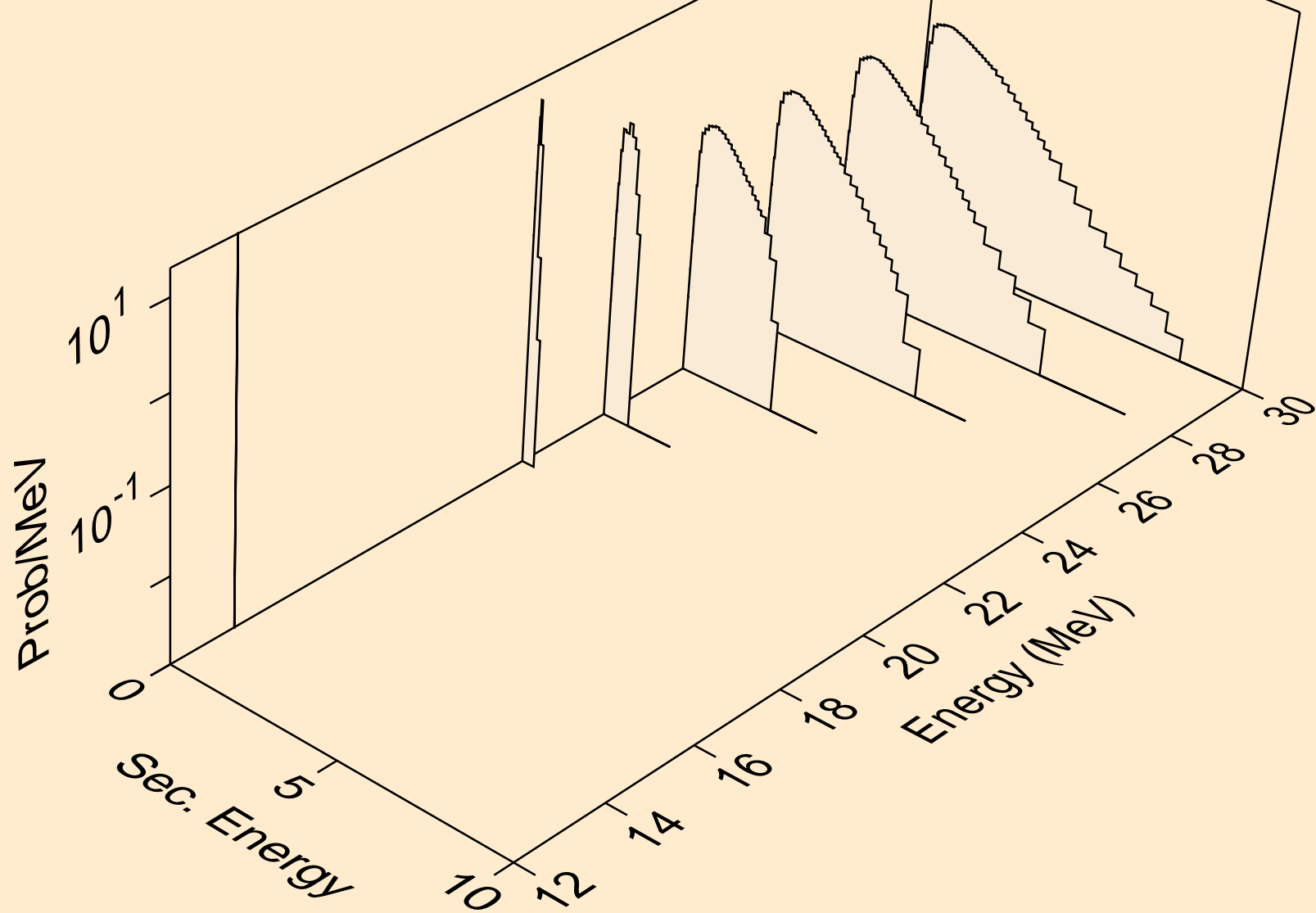
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)



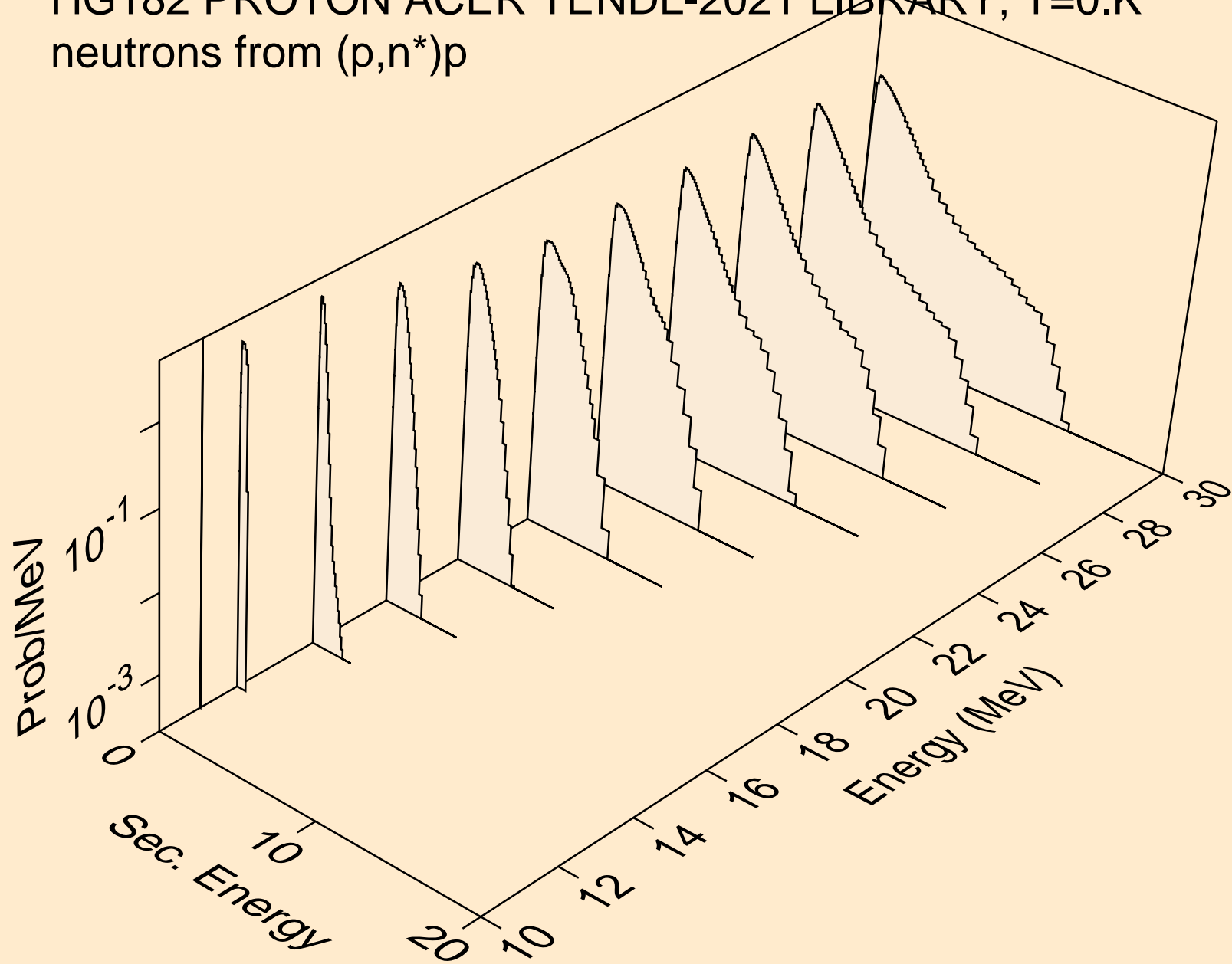
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



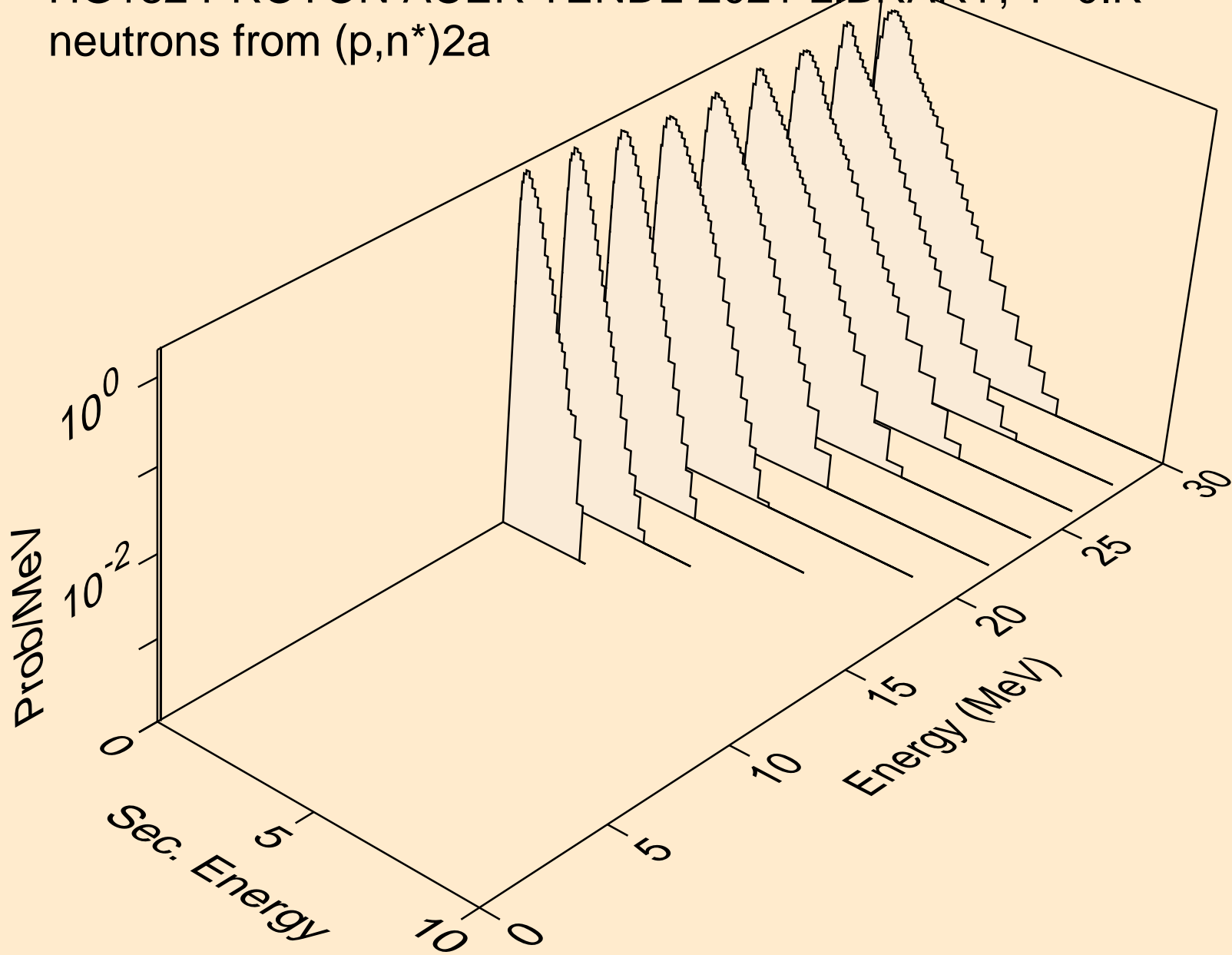
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



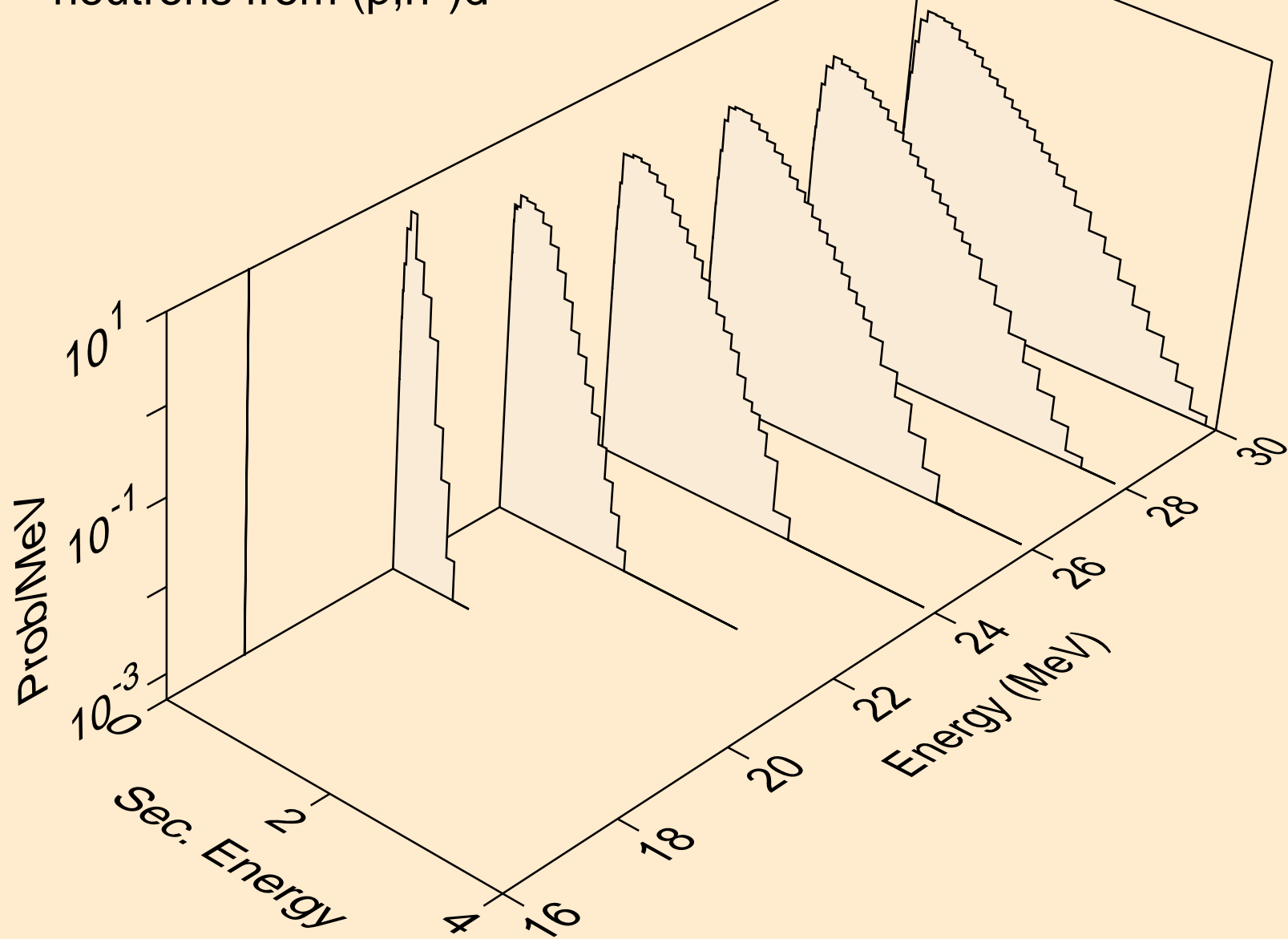
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neutrons from (p,n\*)p



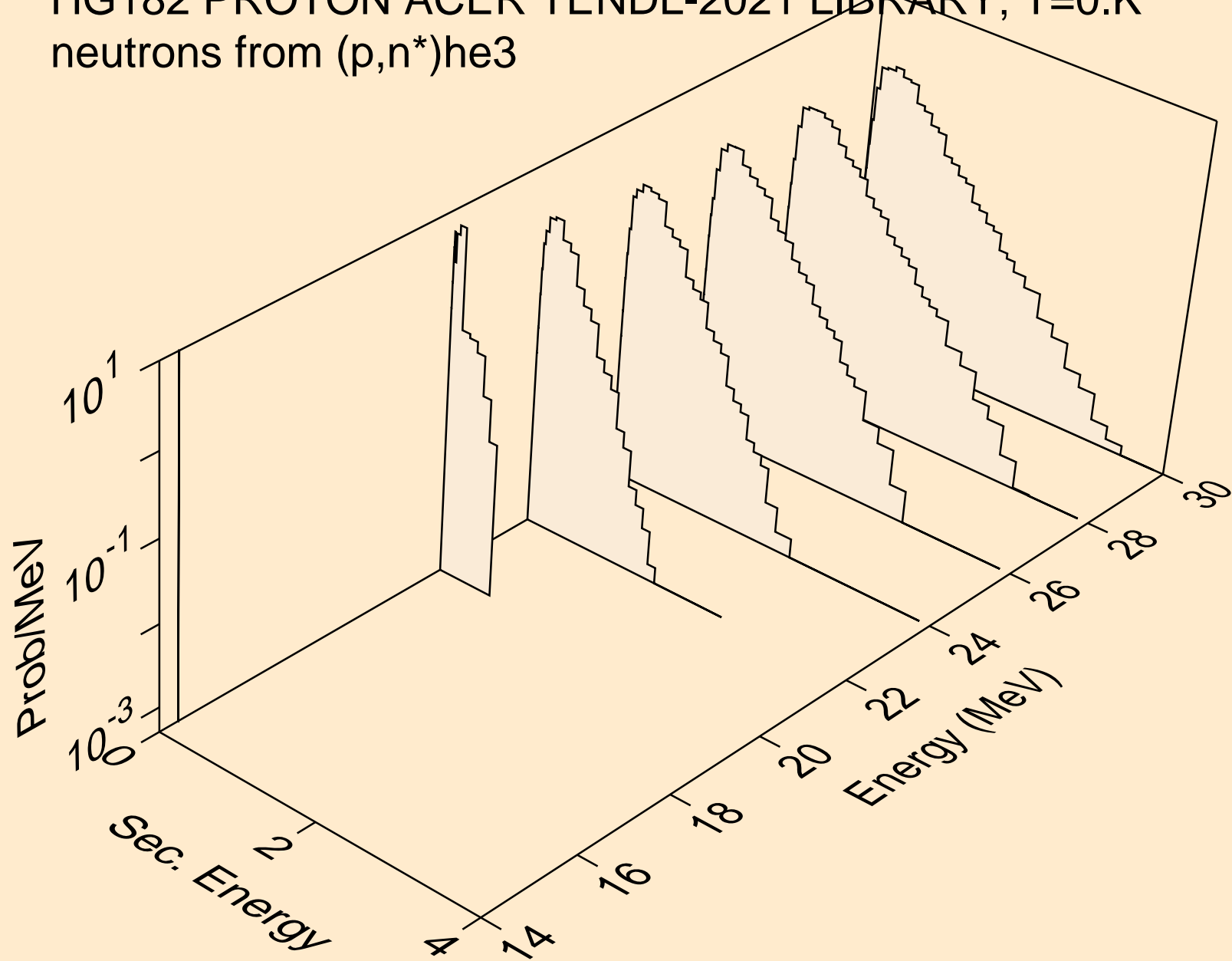
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d

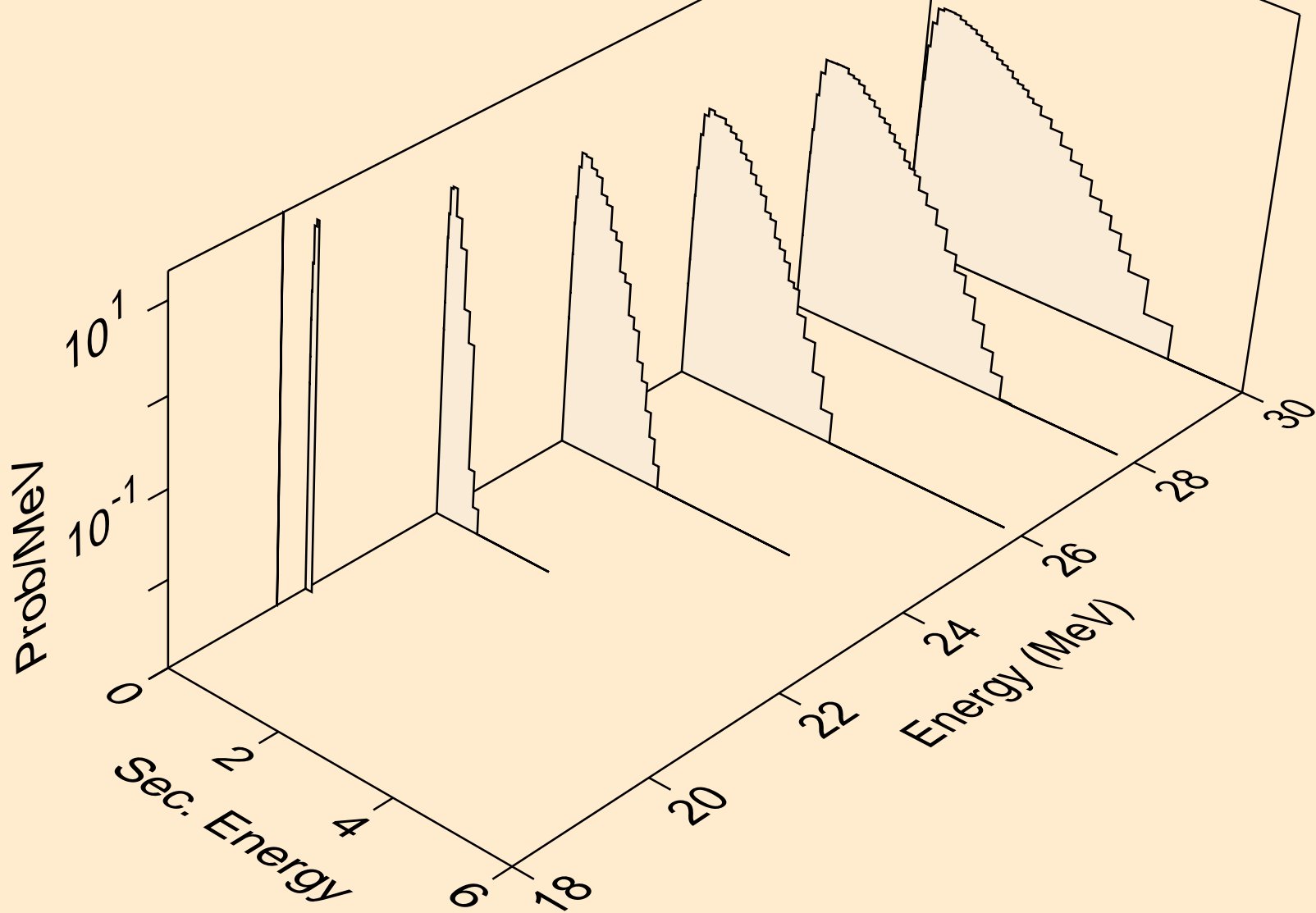


HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

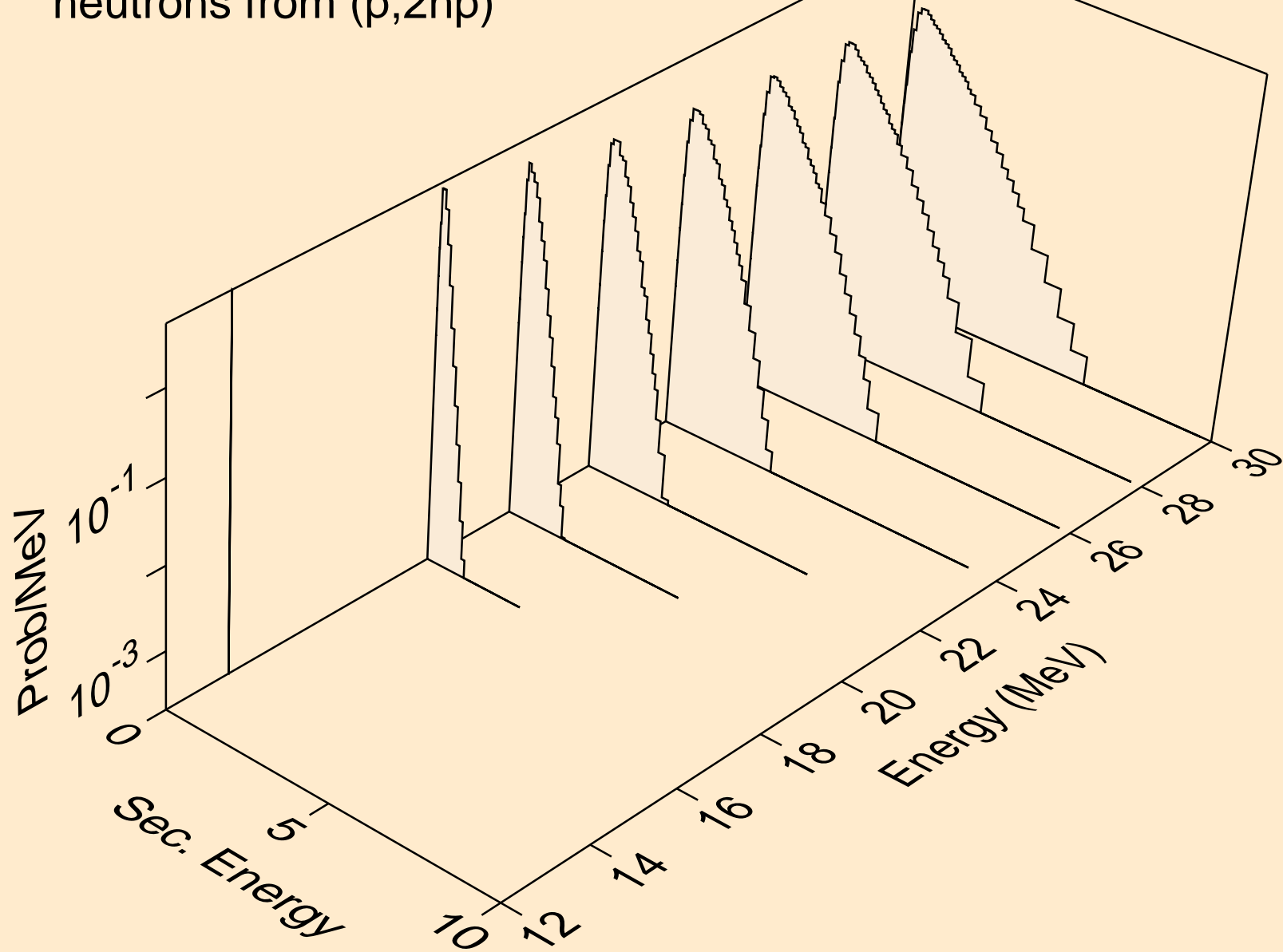




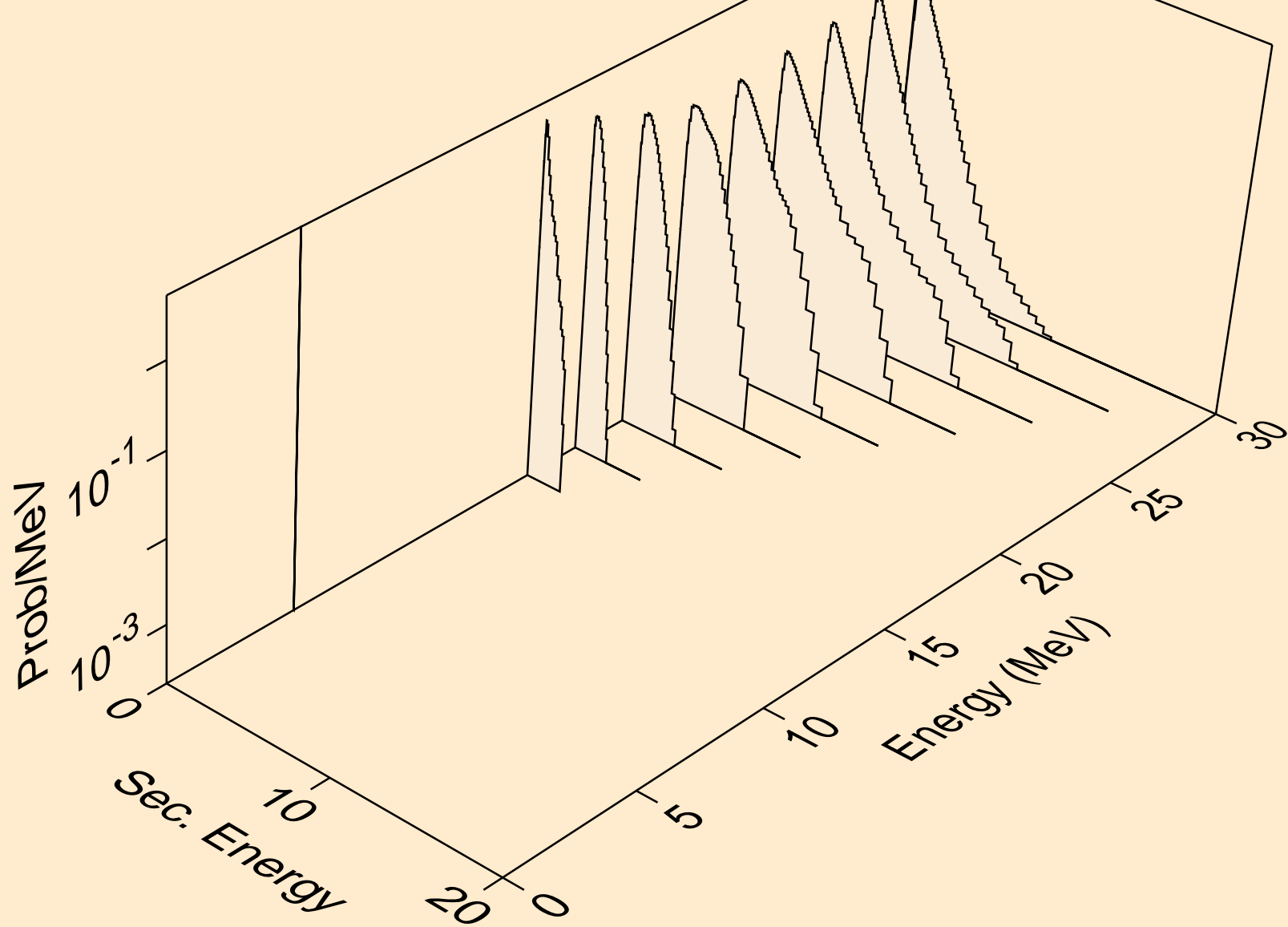
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neutrons from (p,2np)



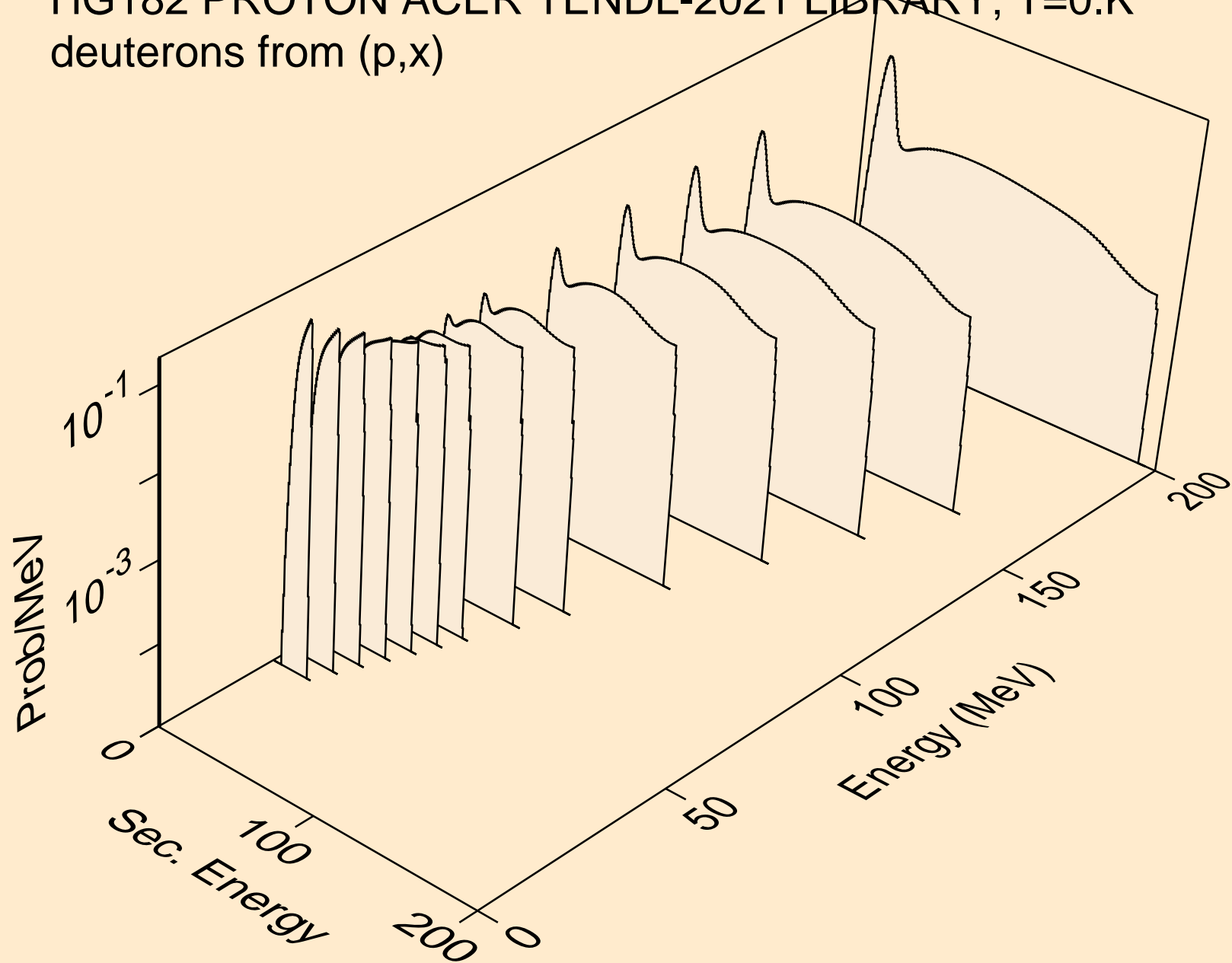
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neutrons from (p,2np)



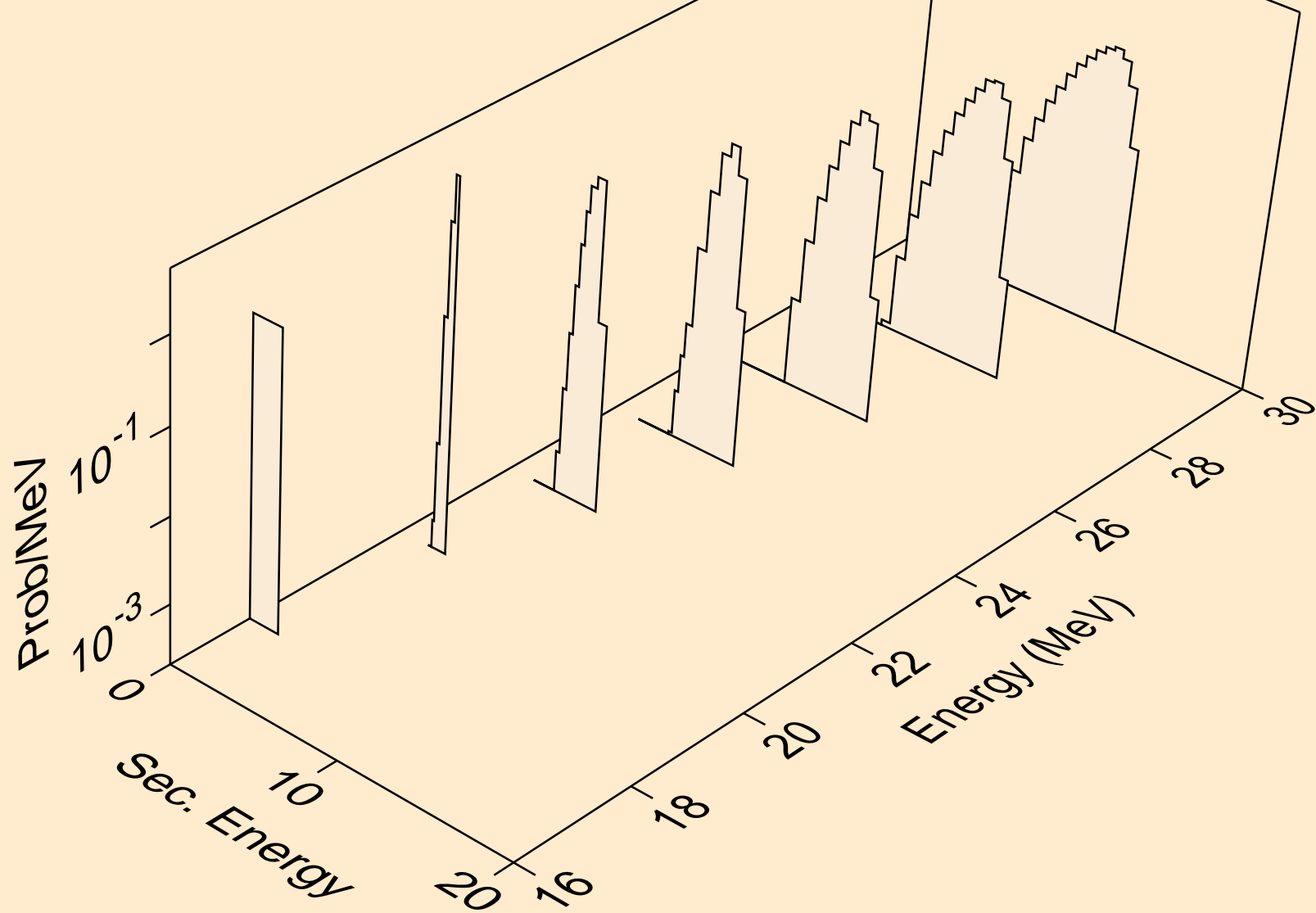
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neutrons from (p,npa)



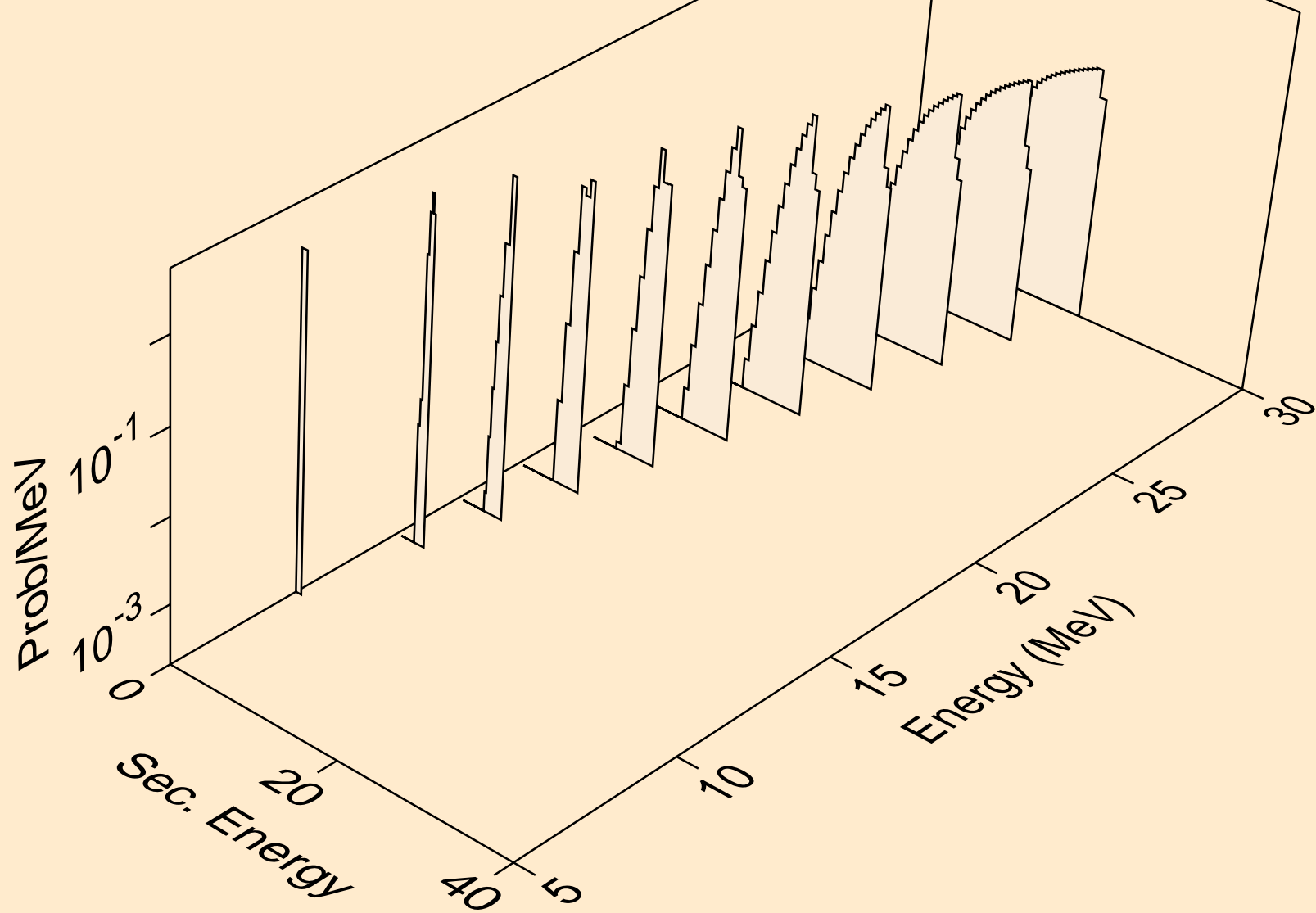
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deuterons from (p,x)



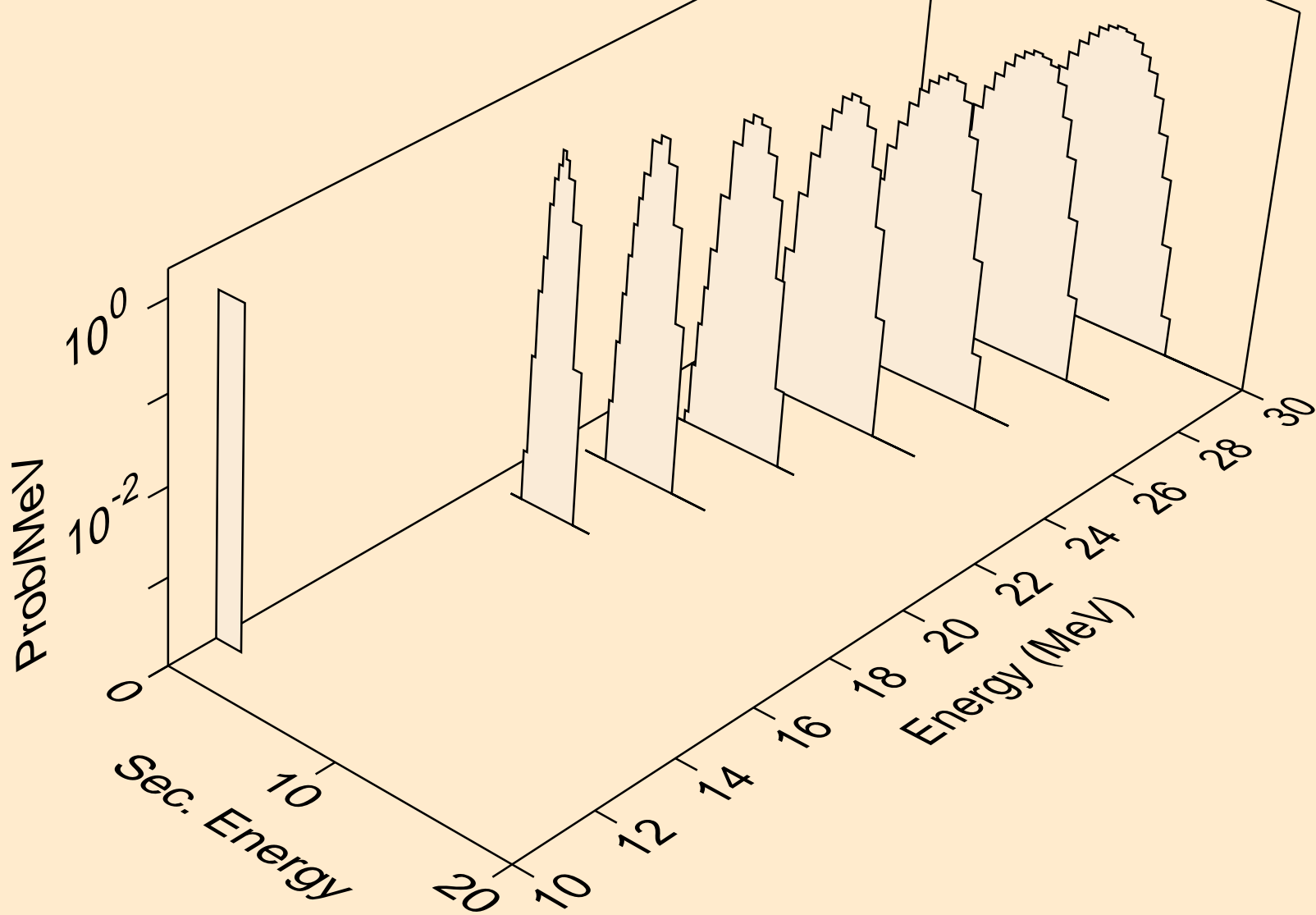
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



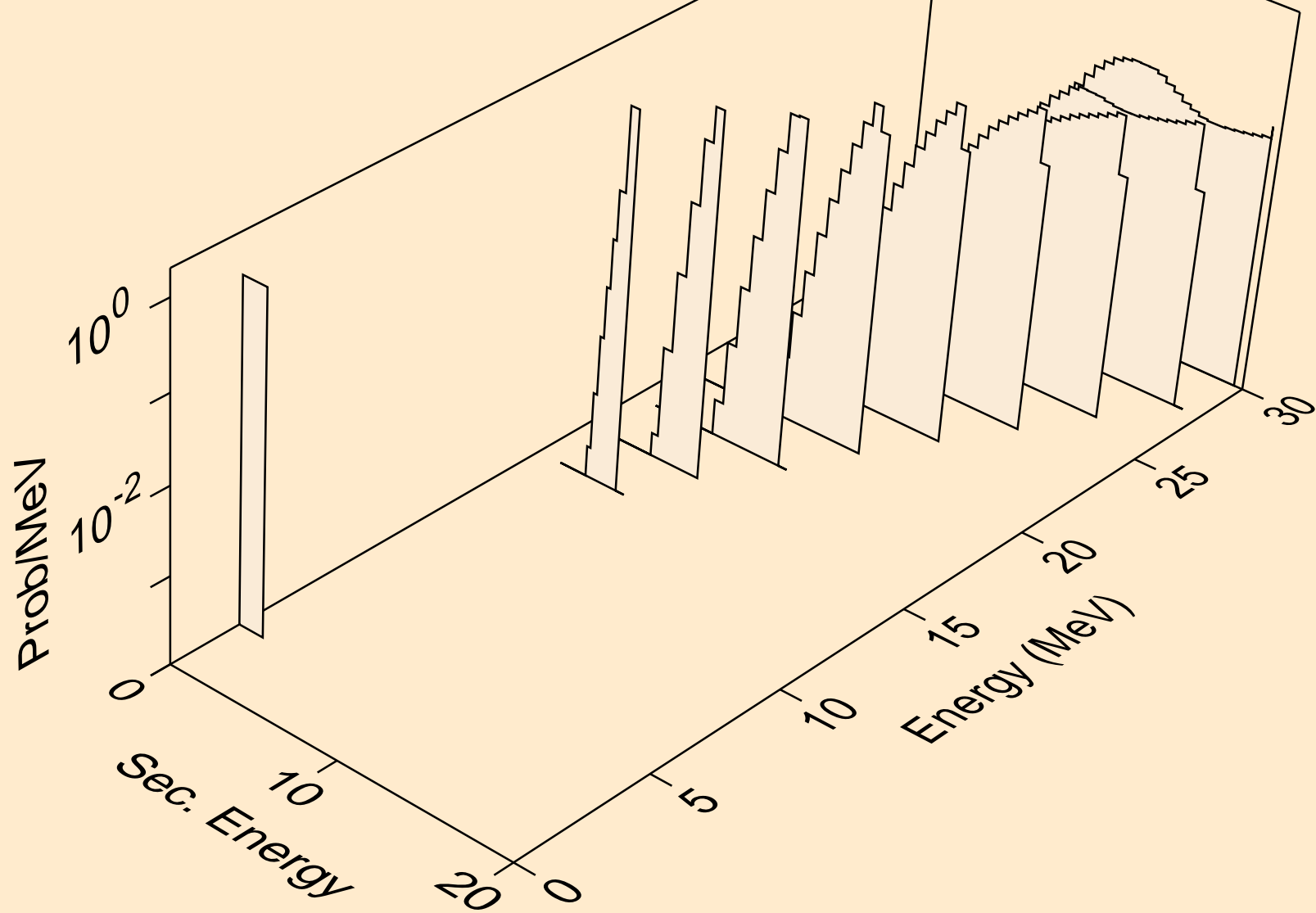
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)

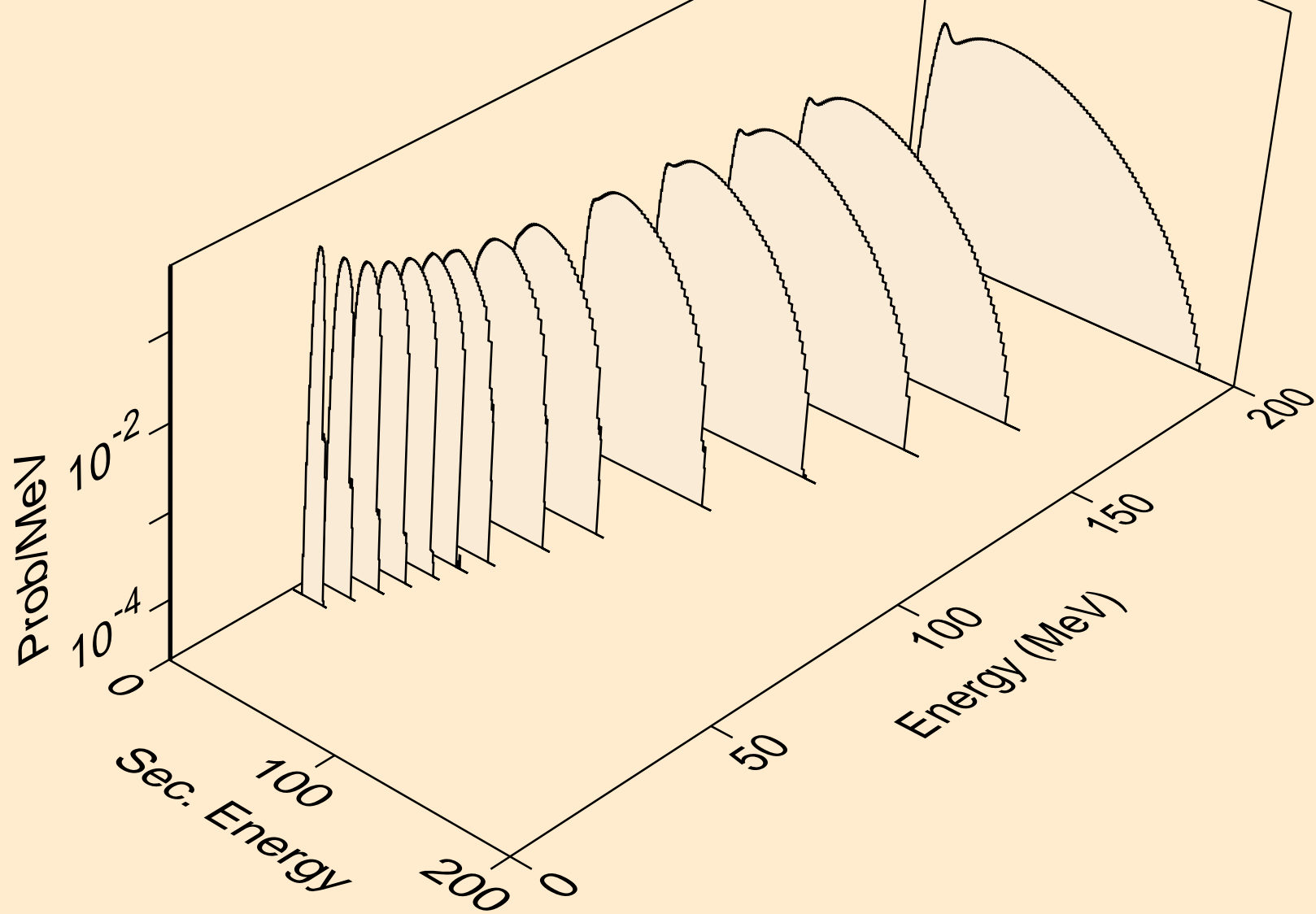


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deuterons from (p,da)

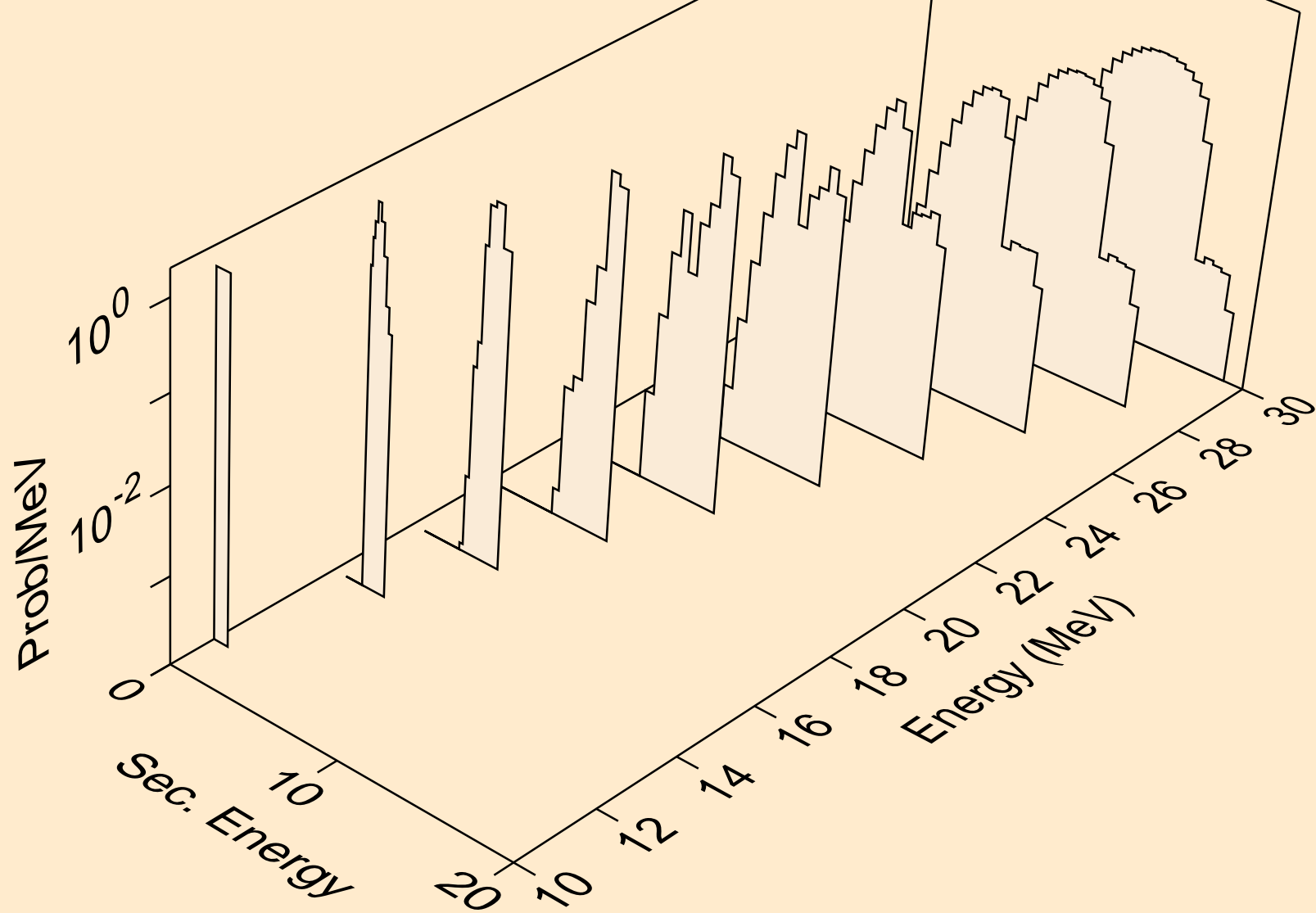




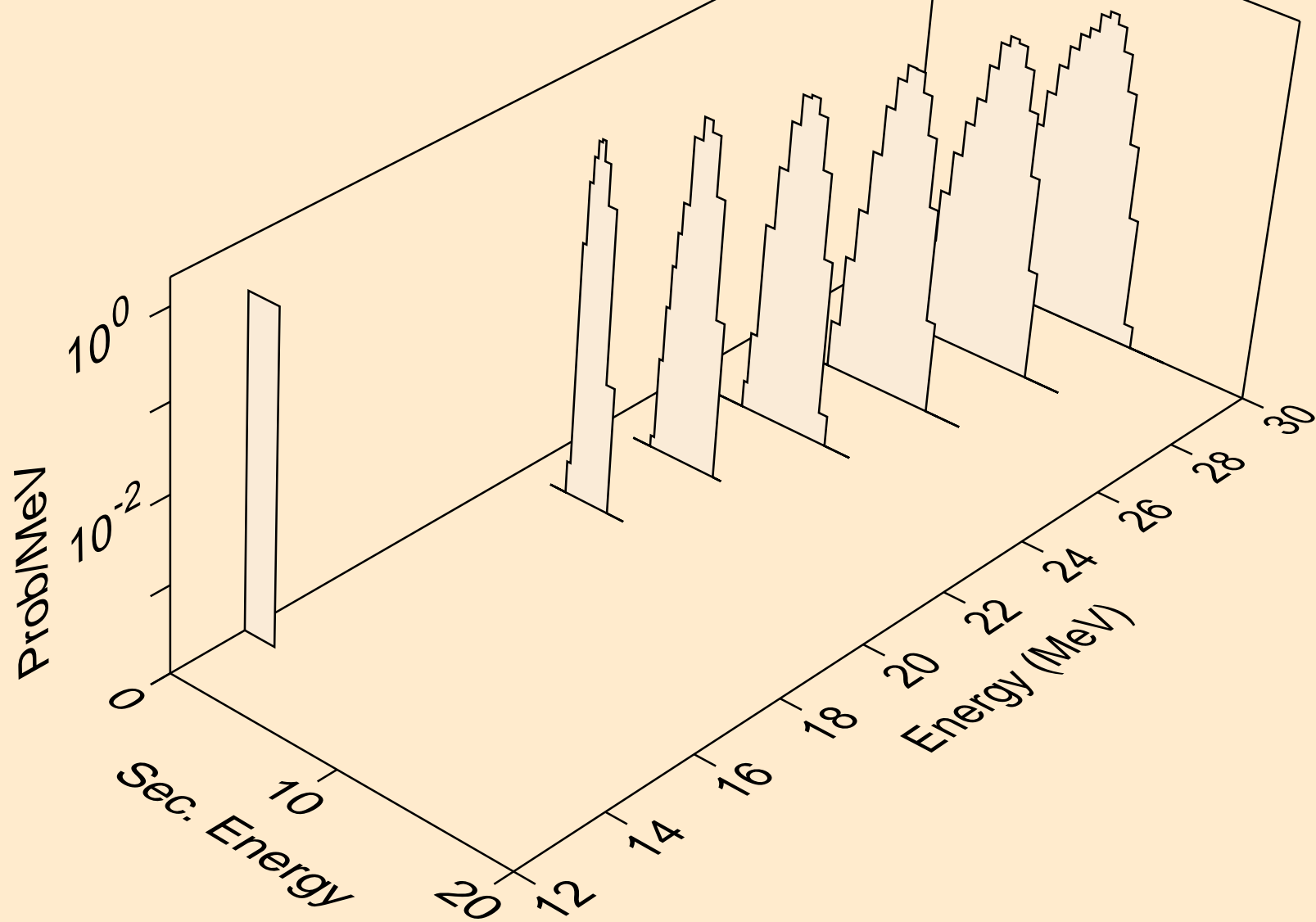
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tritons from (p,x)



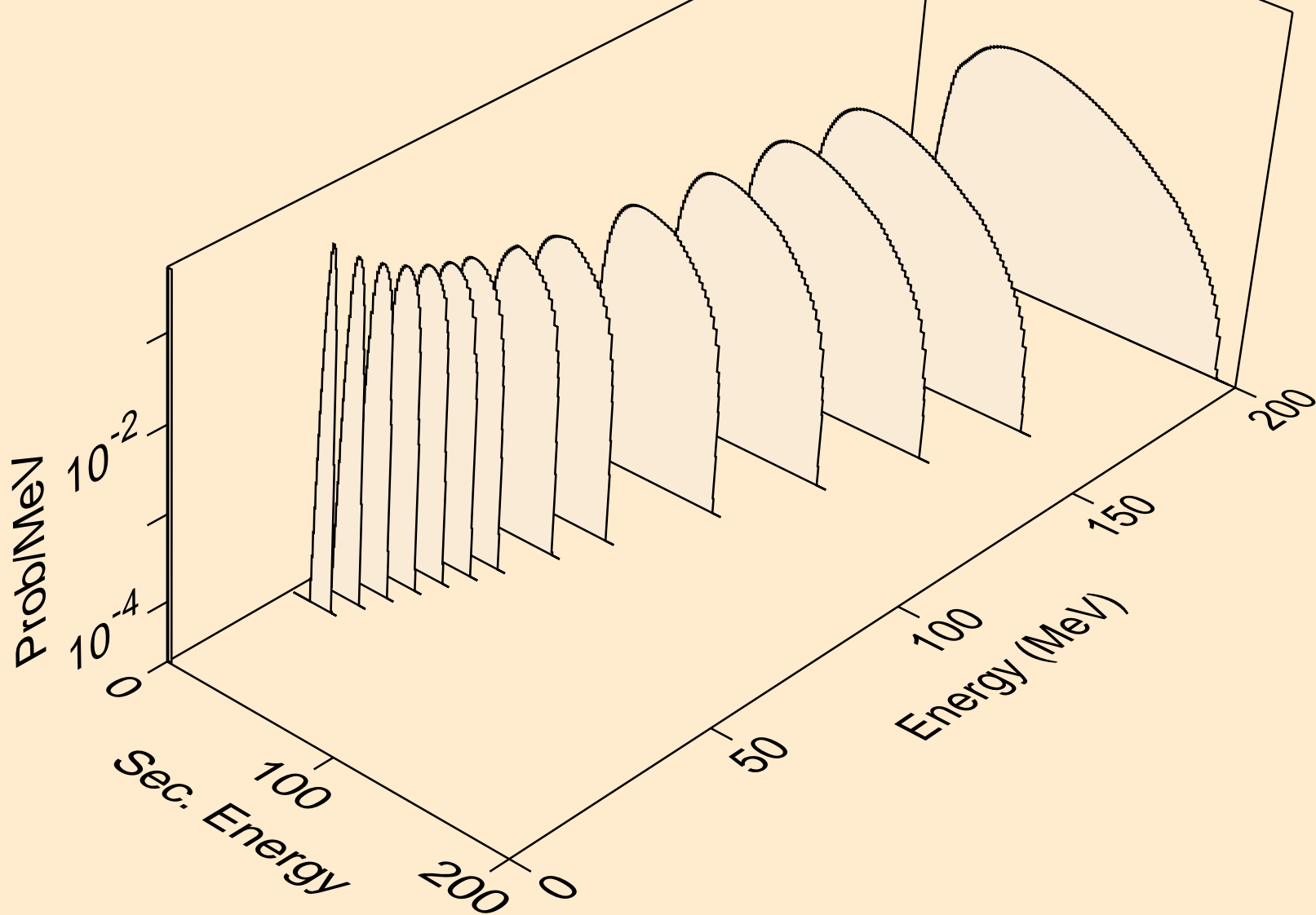
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tritons from (p,t)



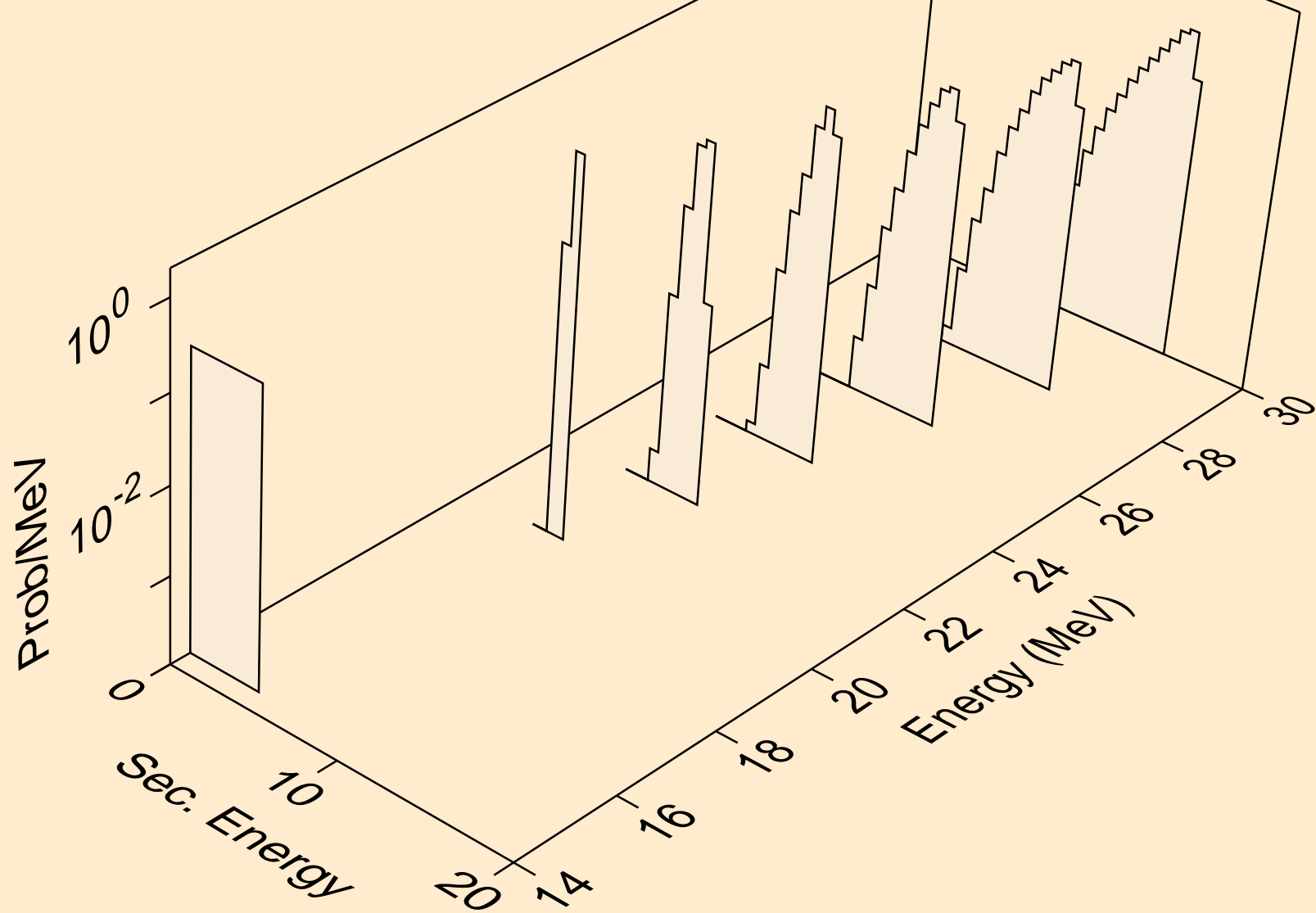
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)



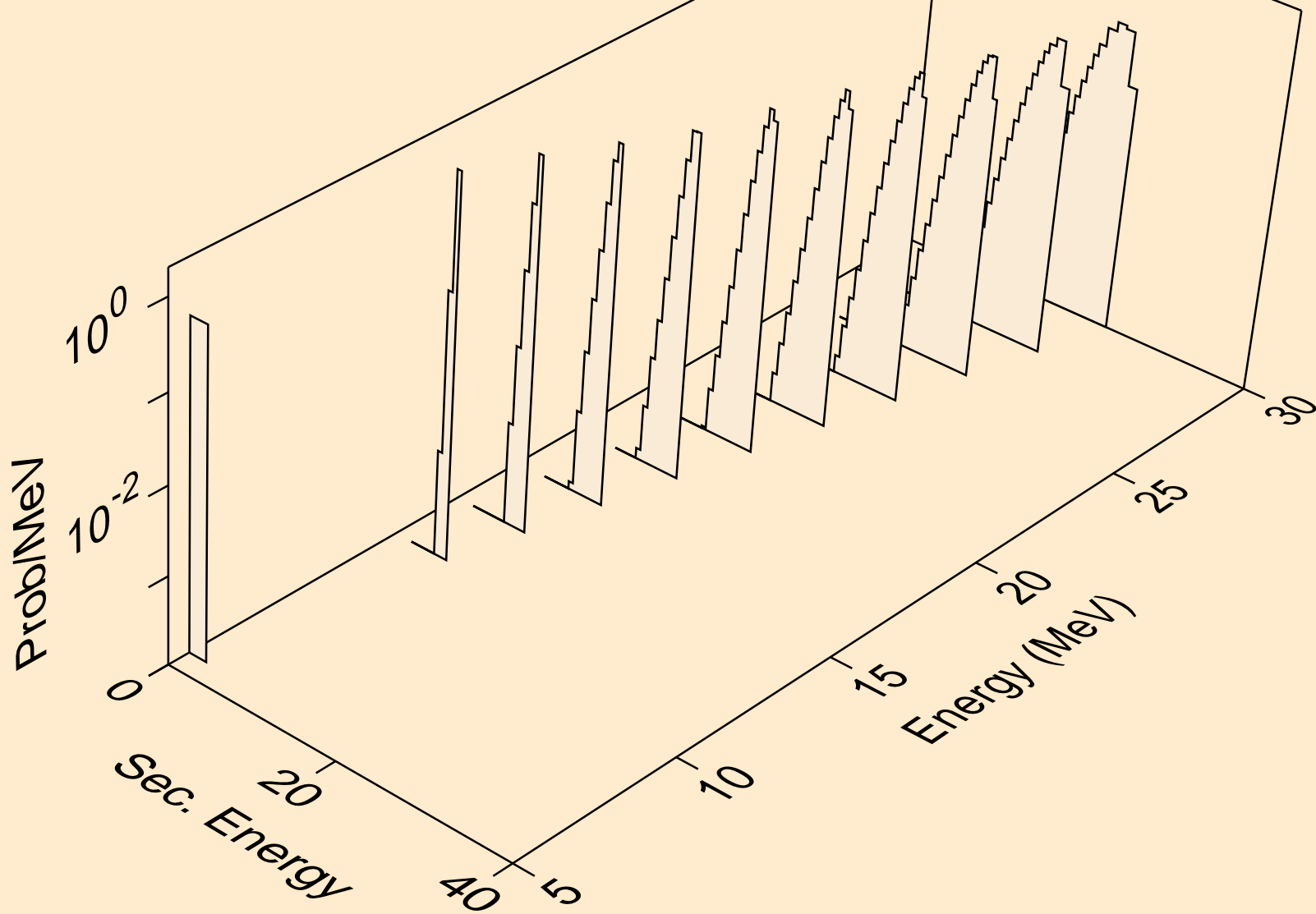
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



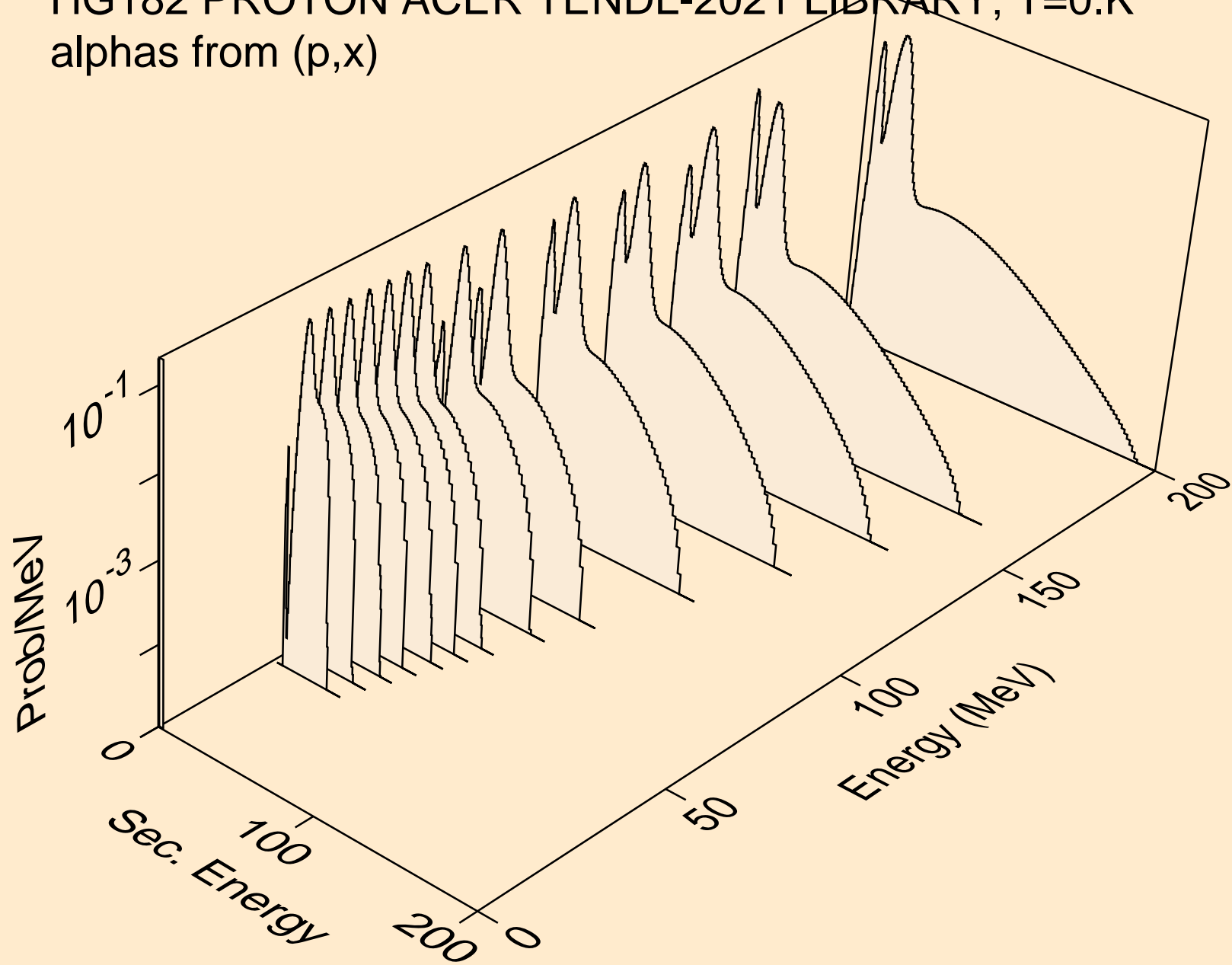
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



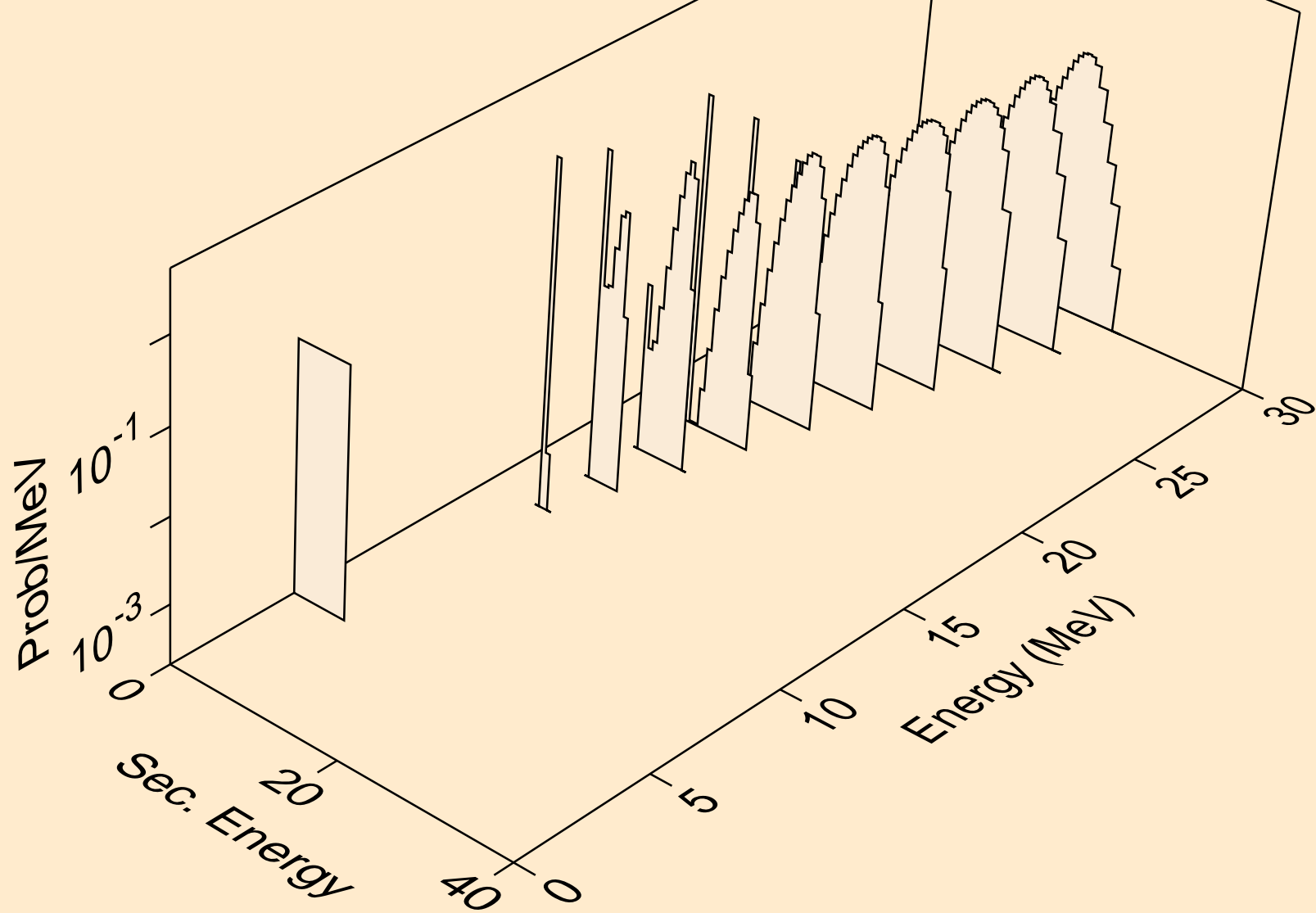
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)

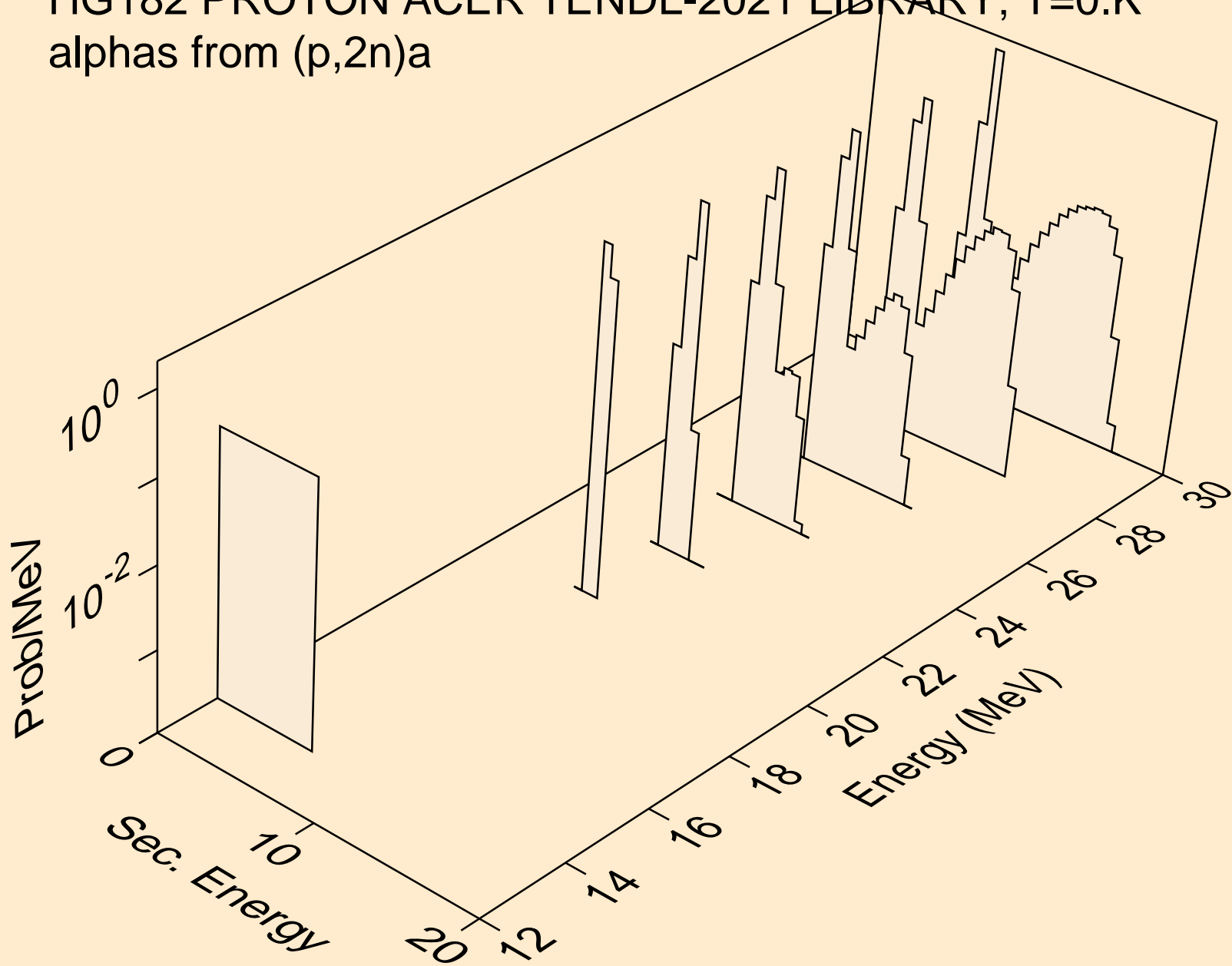


HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a

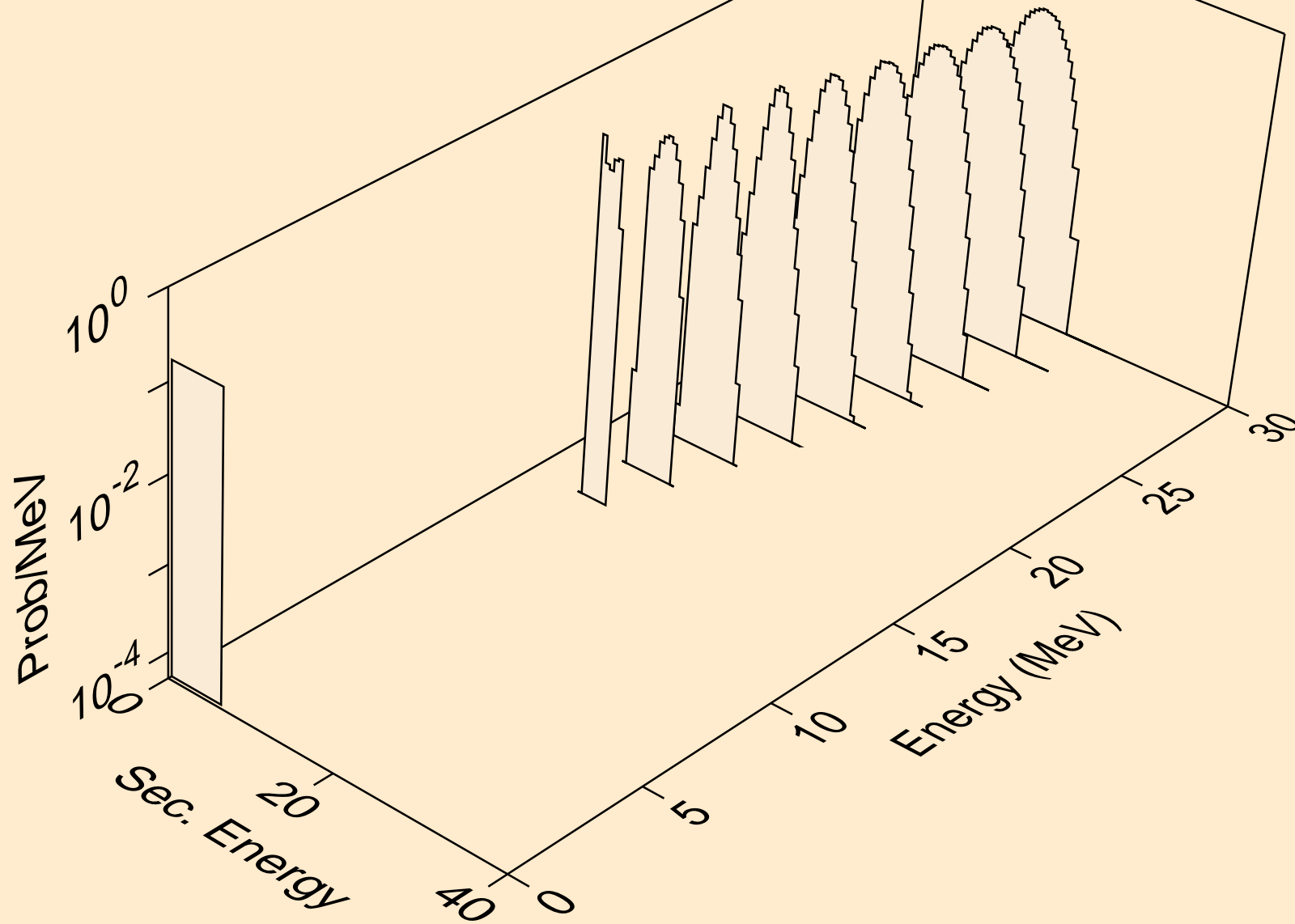




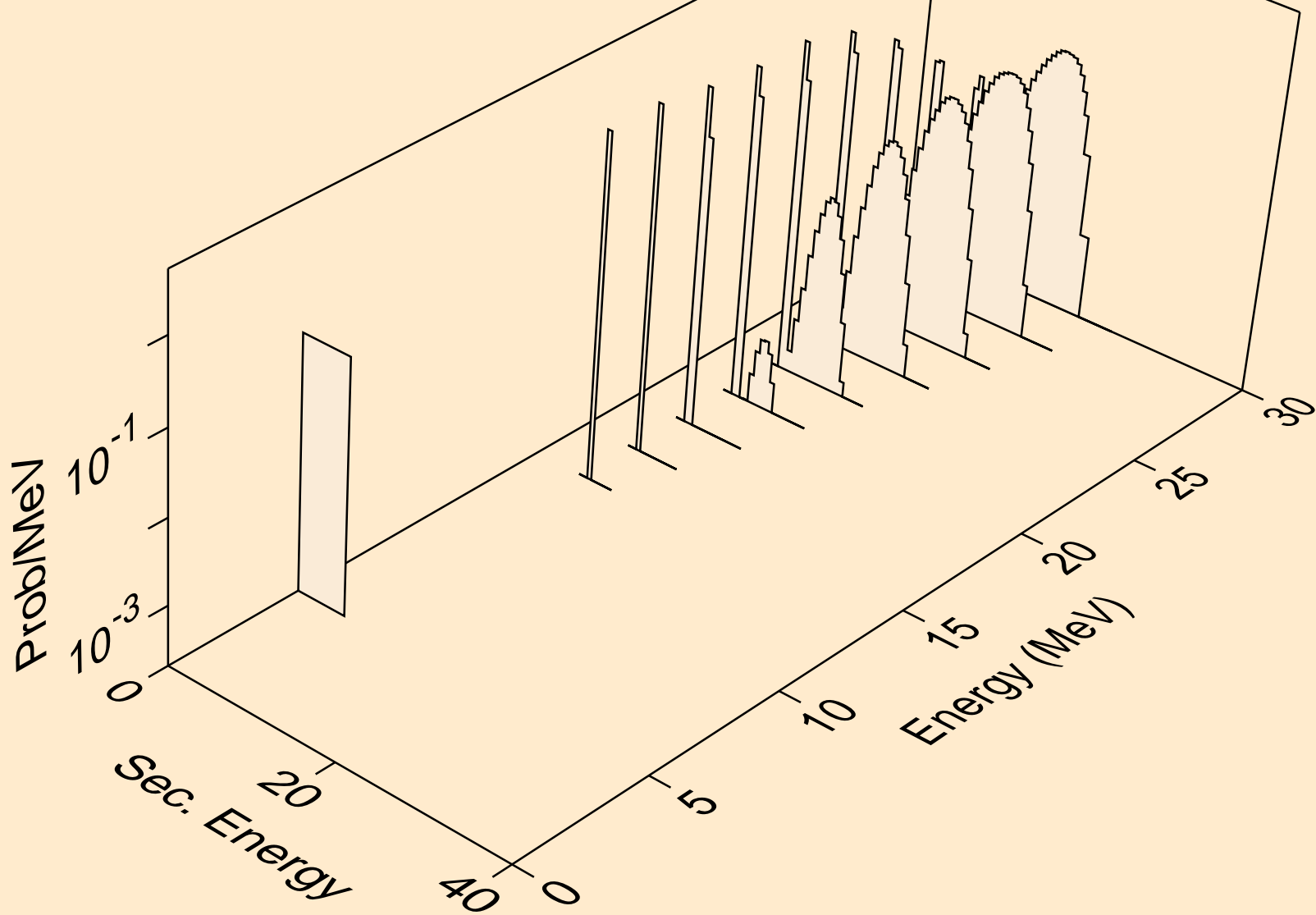
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



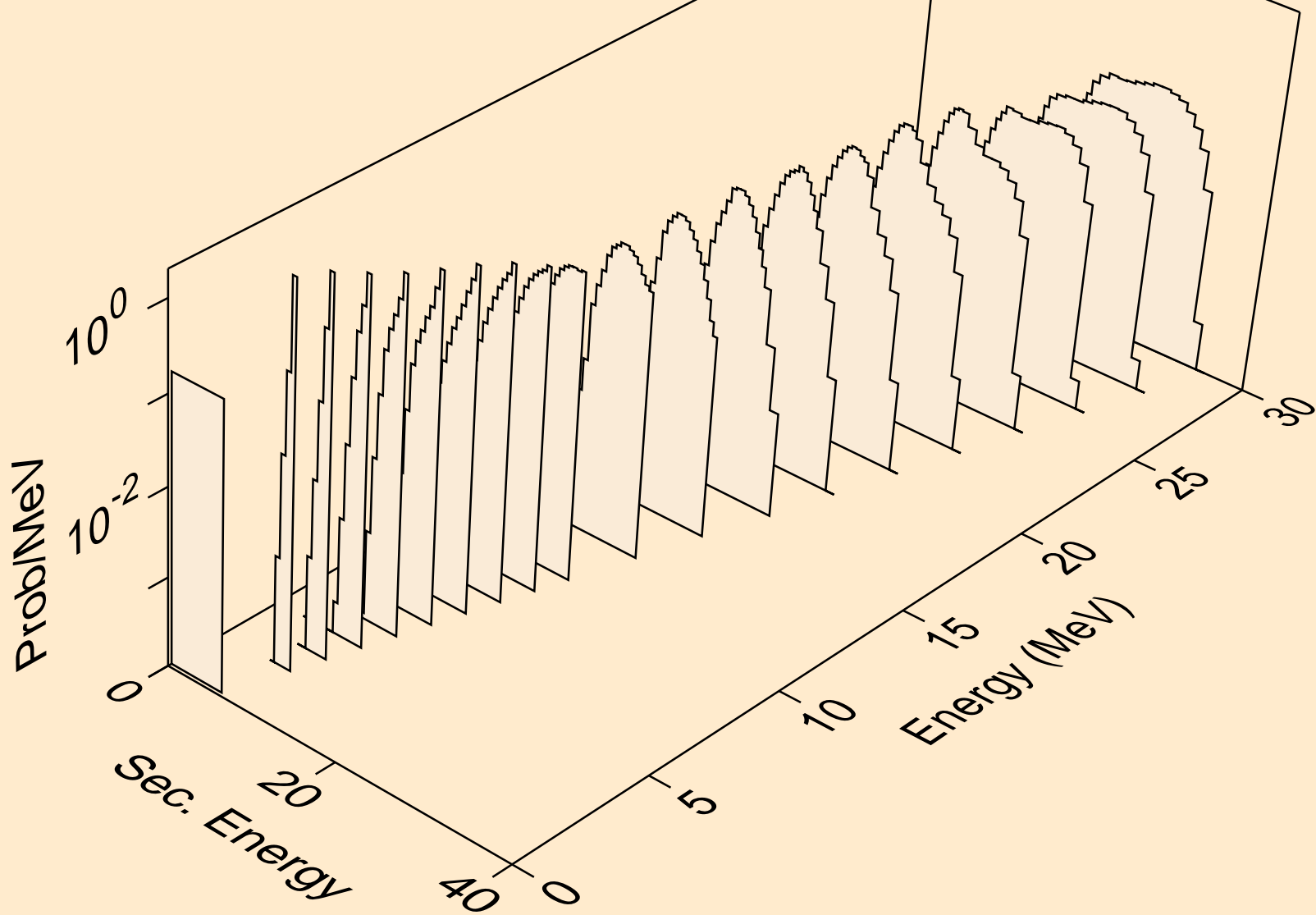
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a



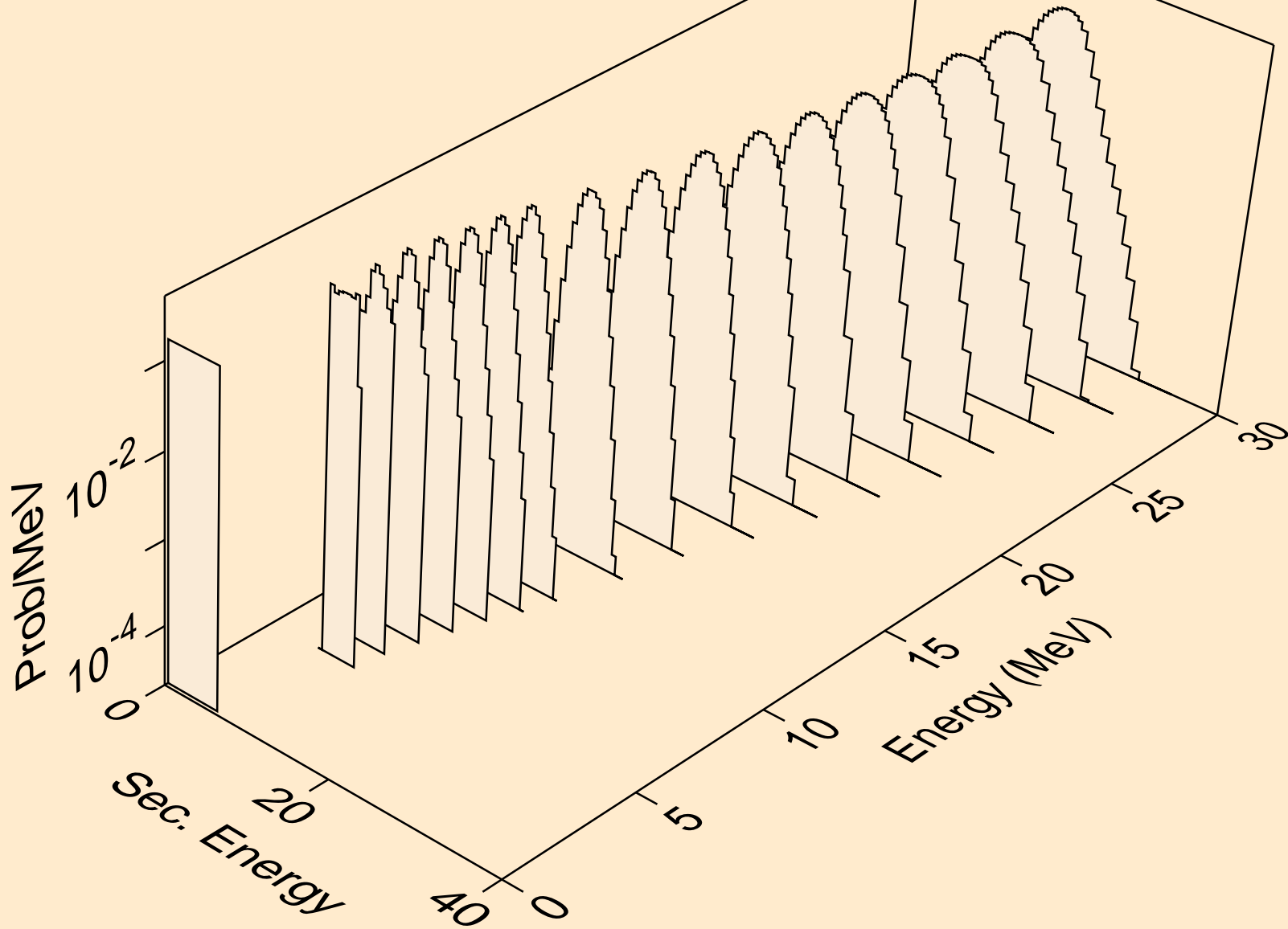
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



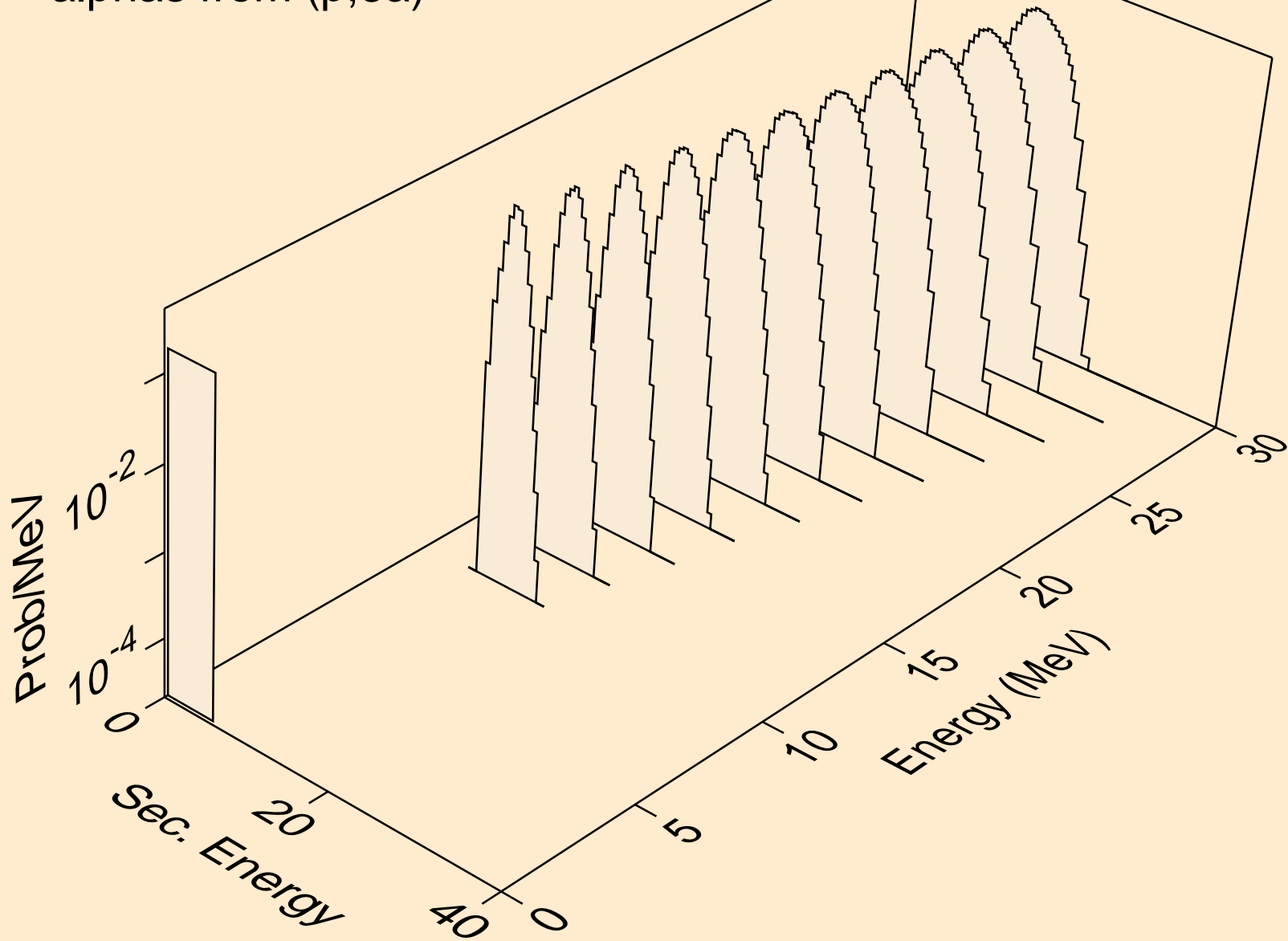
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



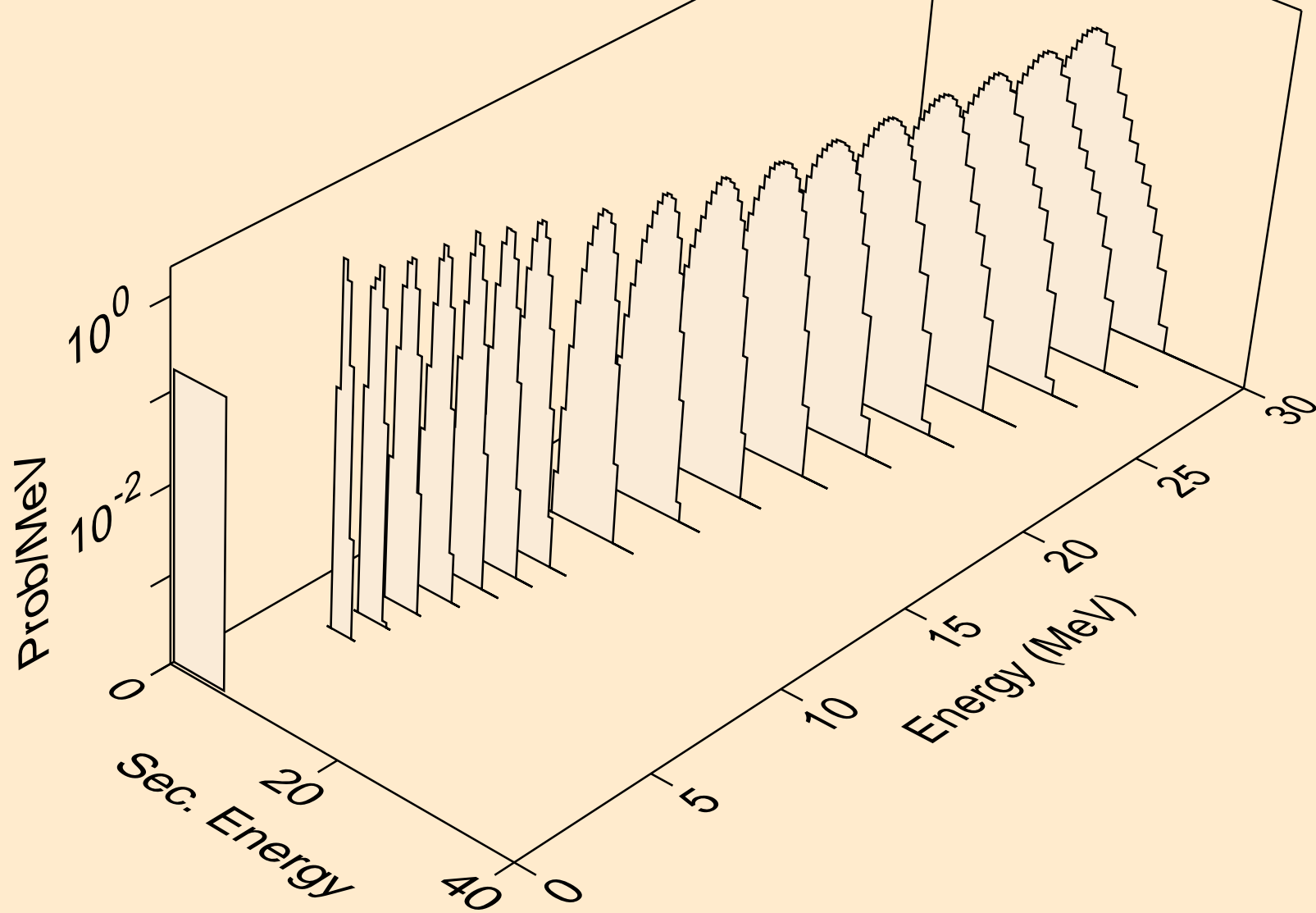
HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3a)



HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



HG182 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

