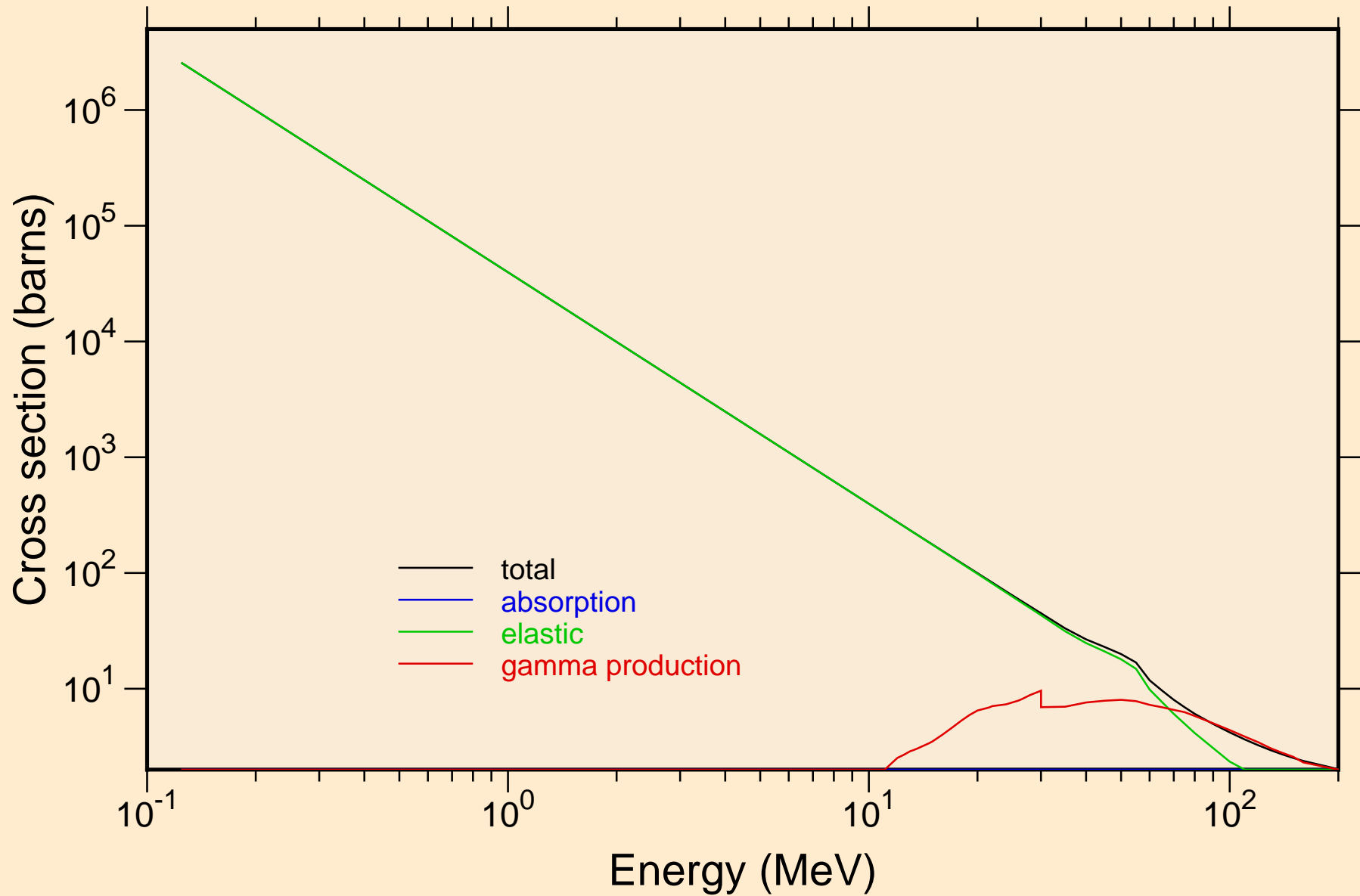
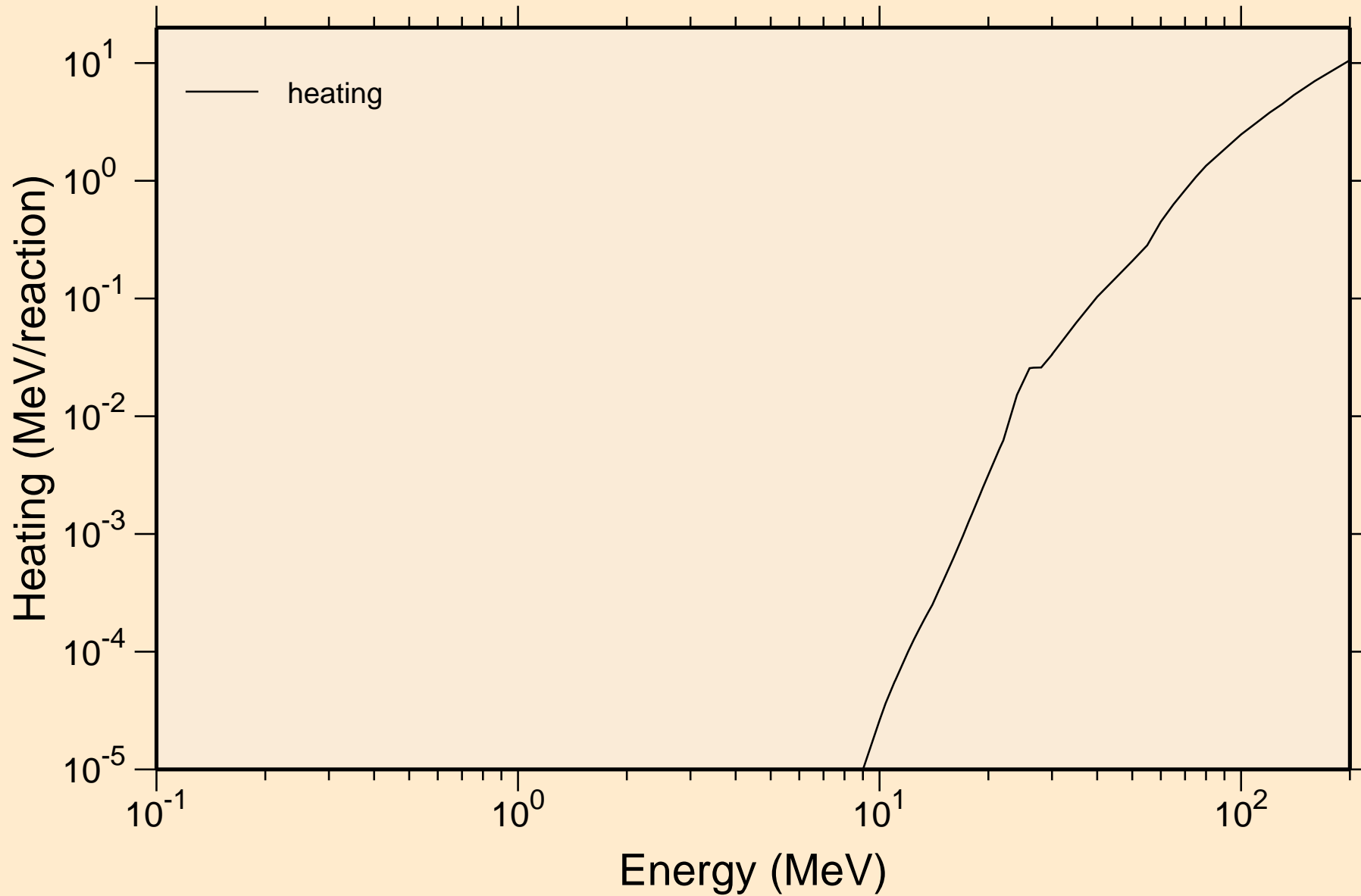


# HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

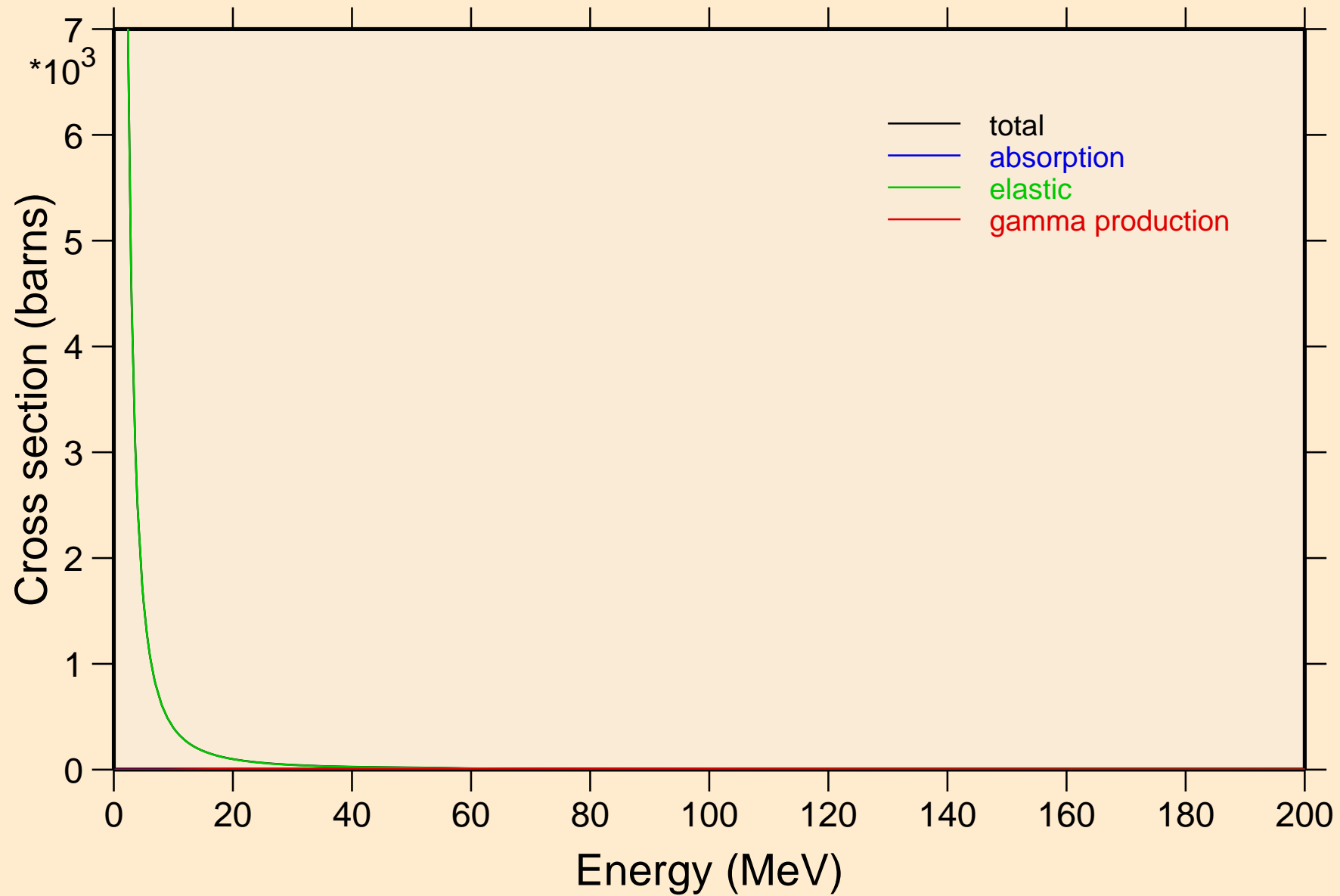


HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating



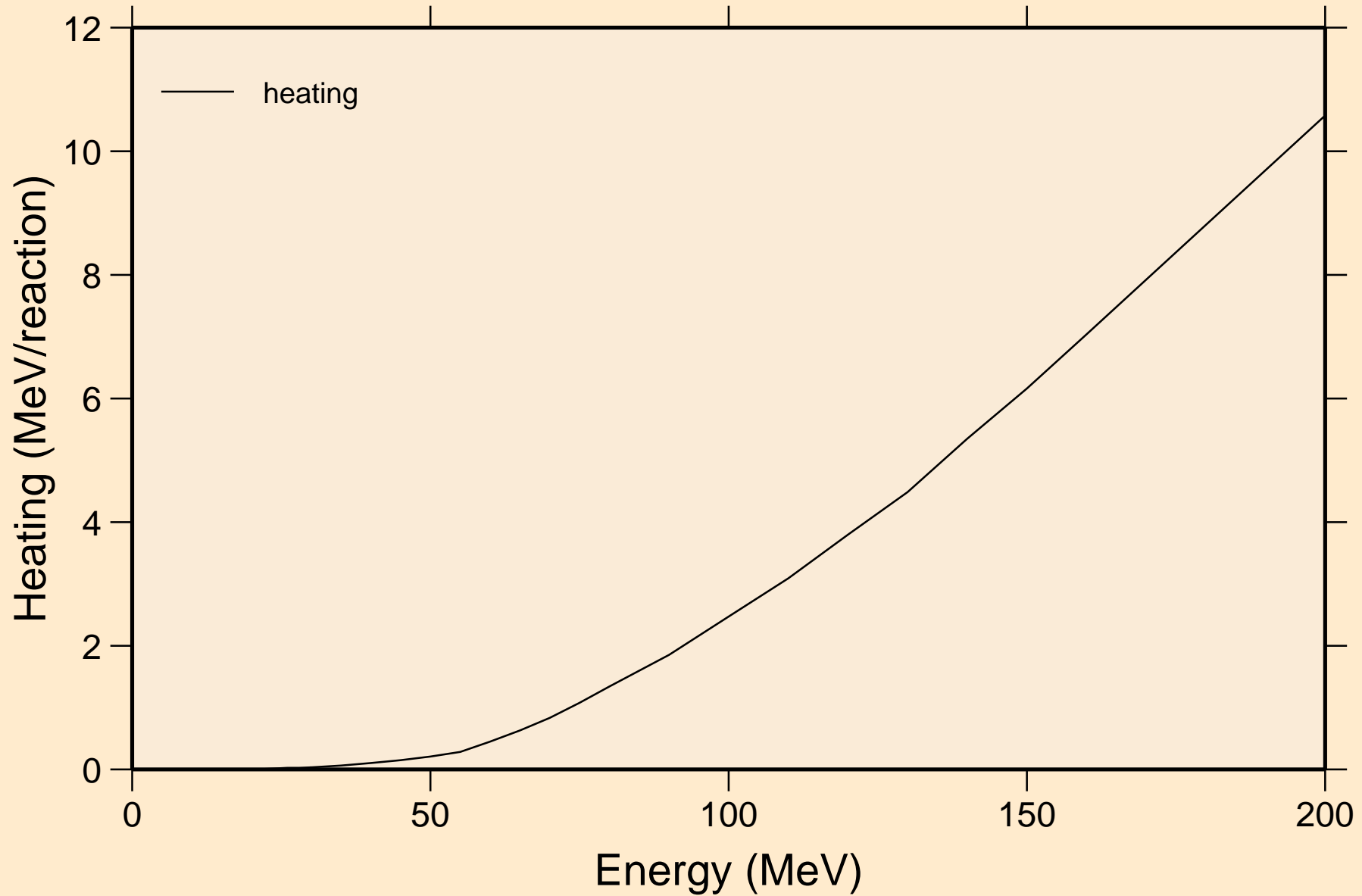
# HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

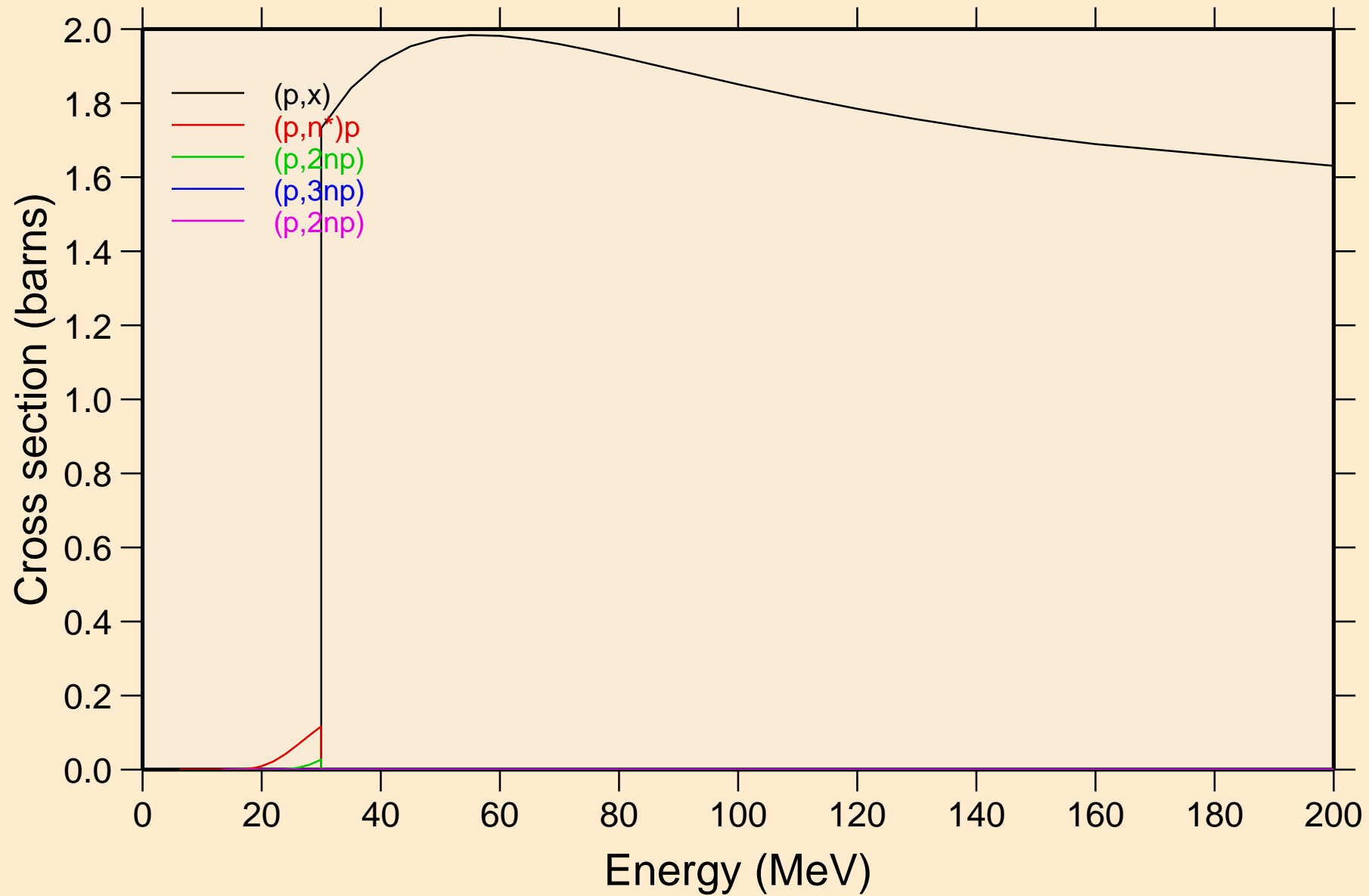


# HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating

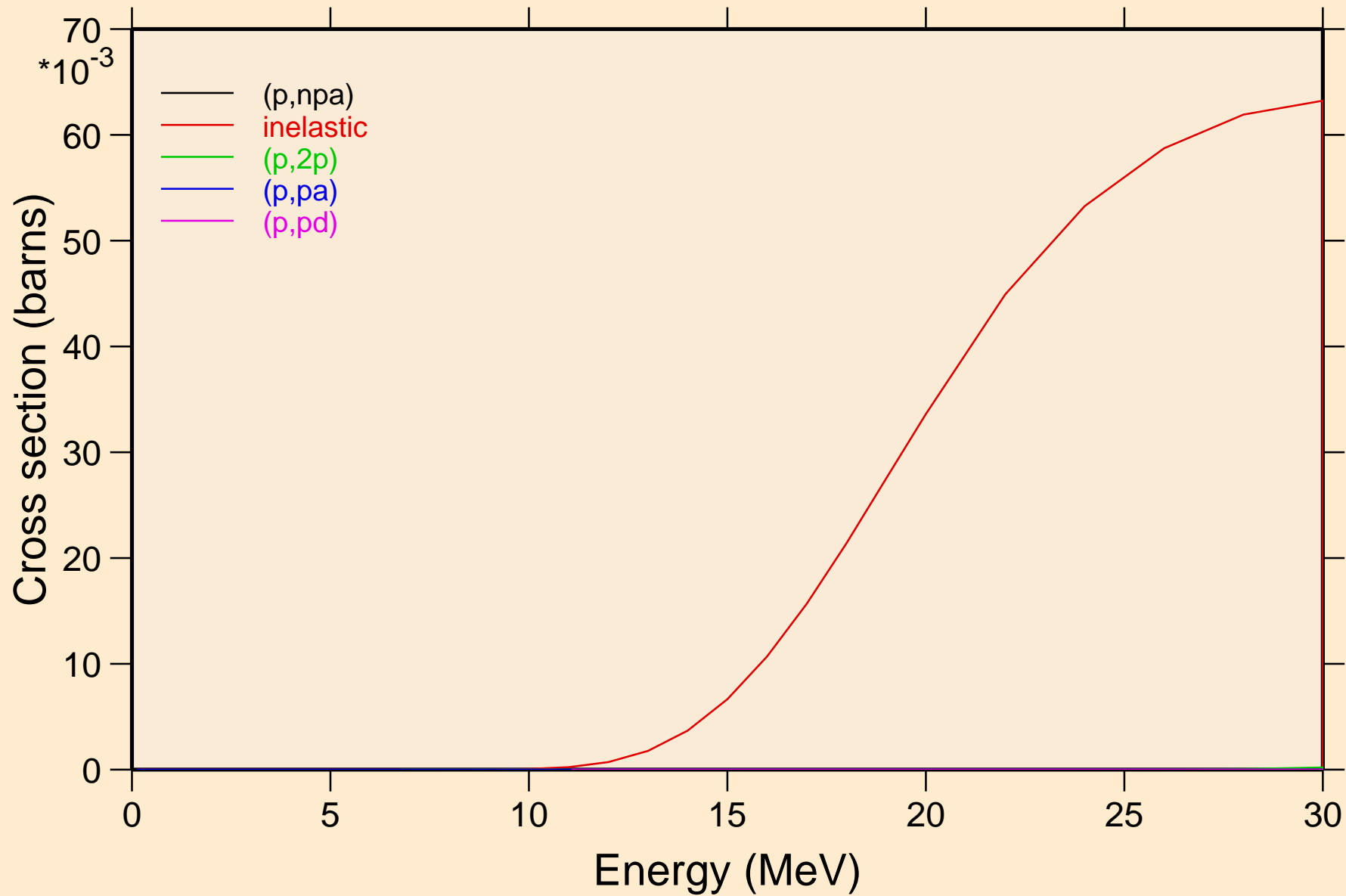


HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

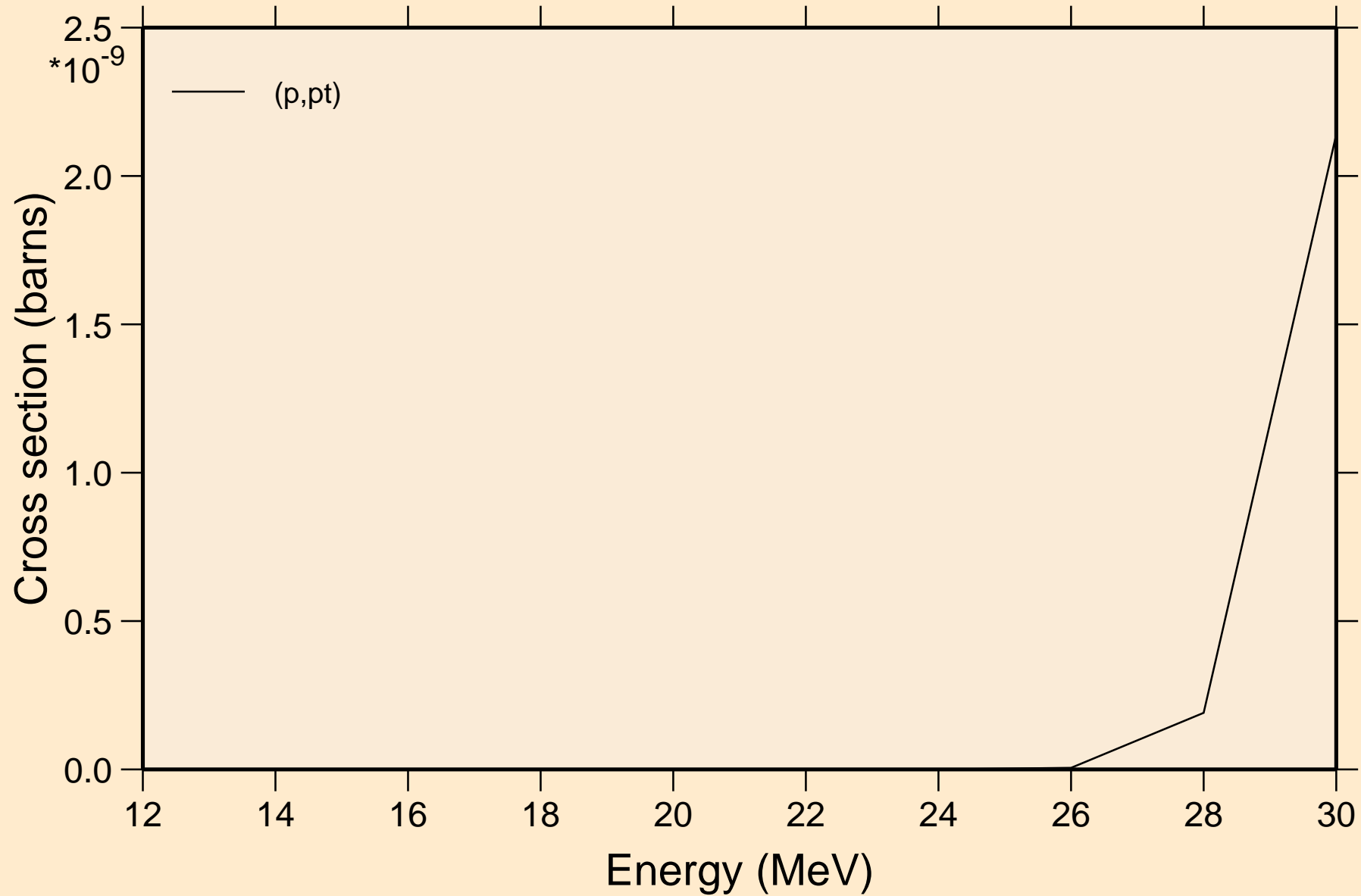


# HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K

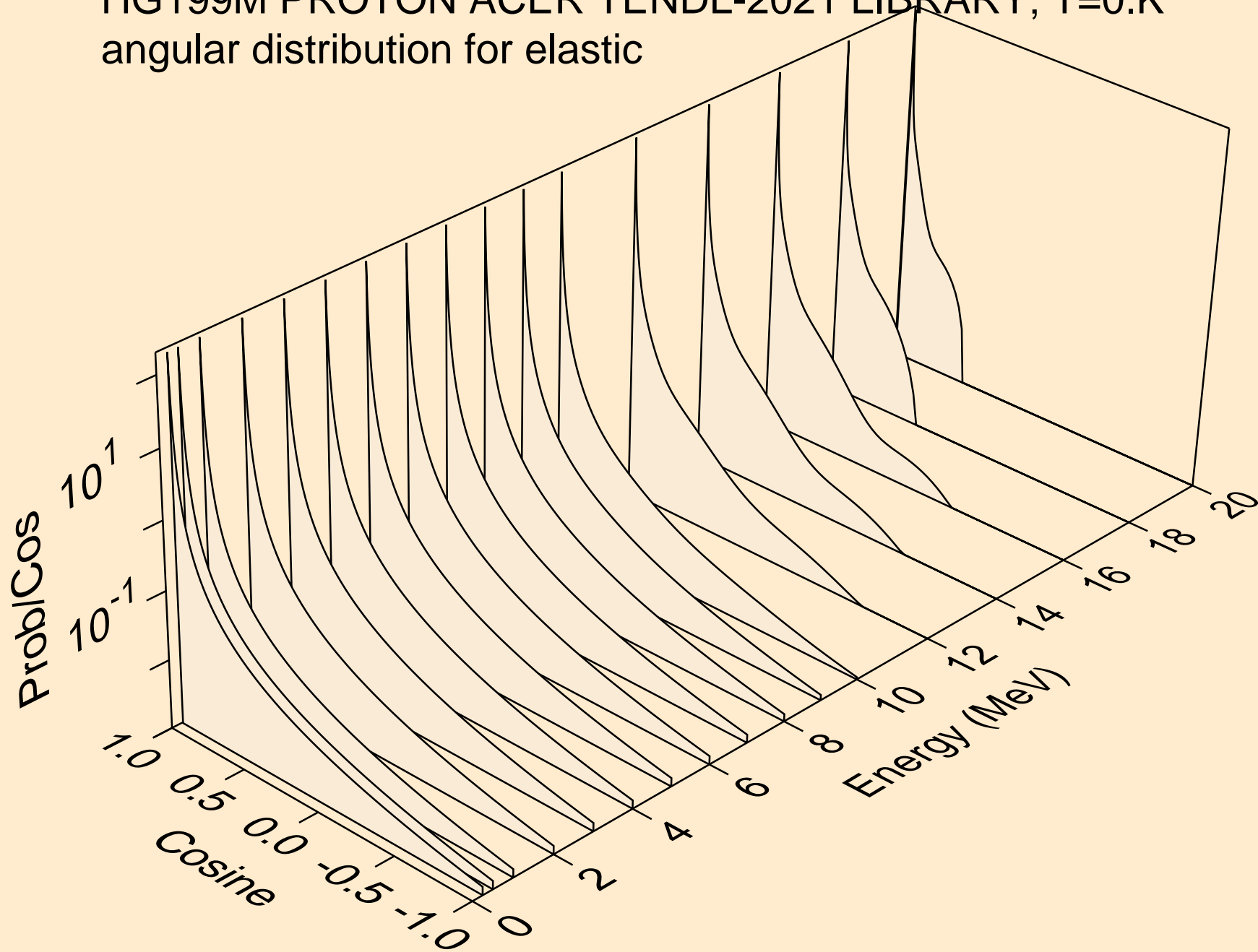
## Threshold reactions



HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

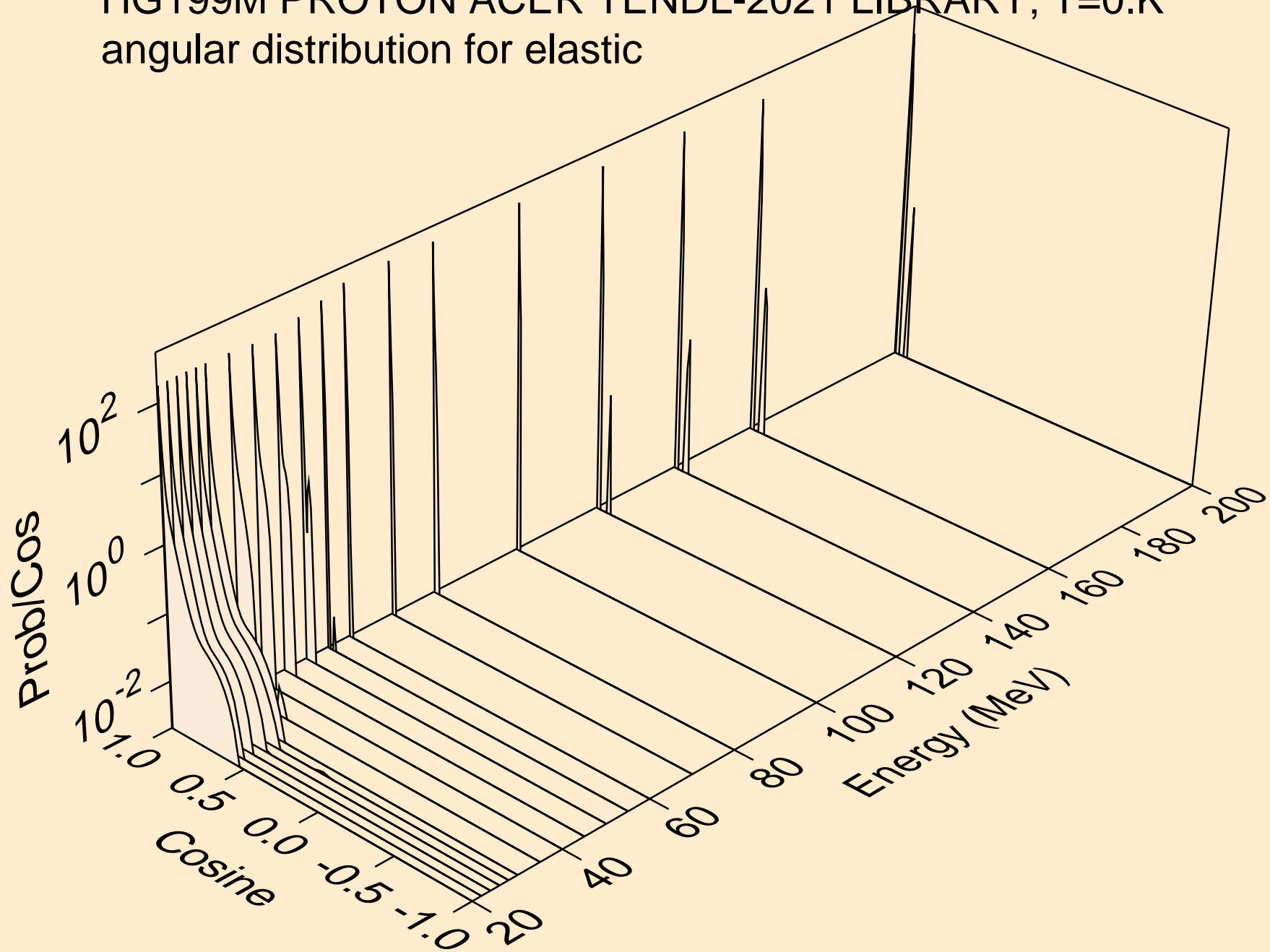


HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

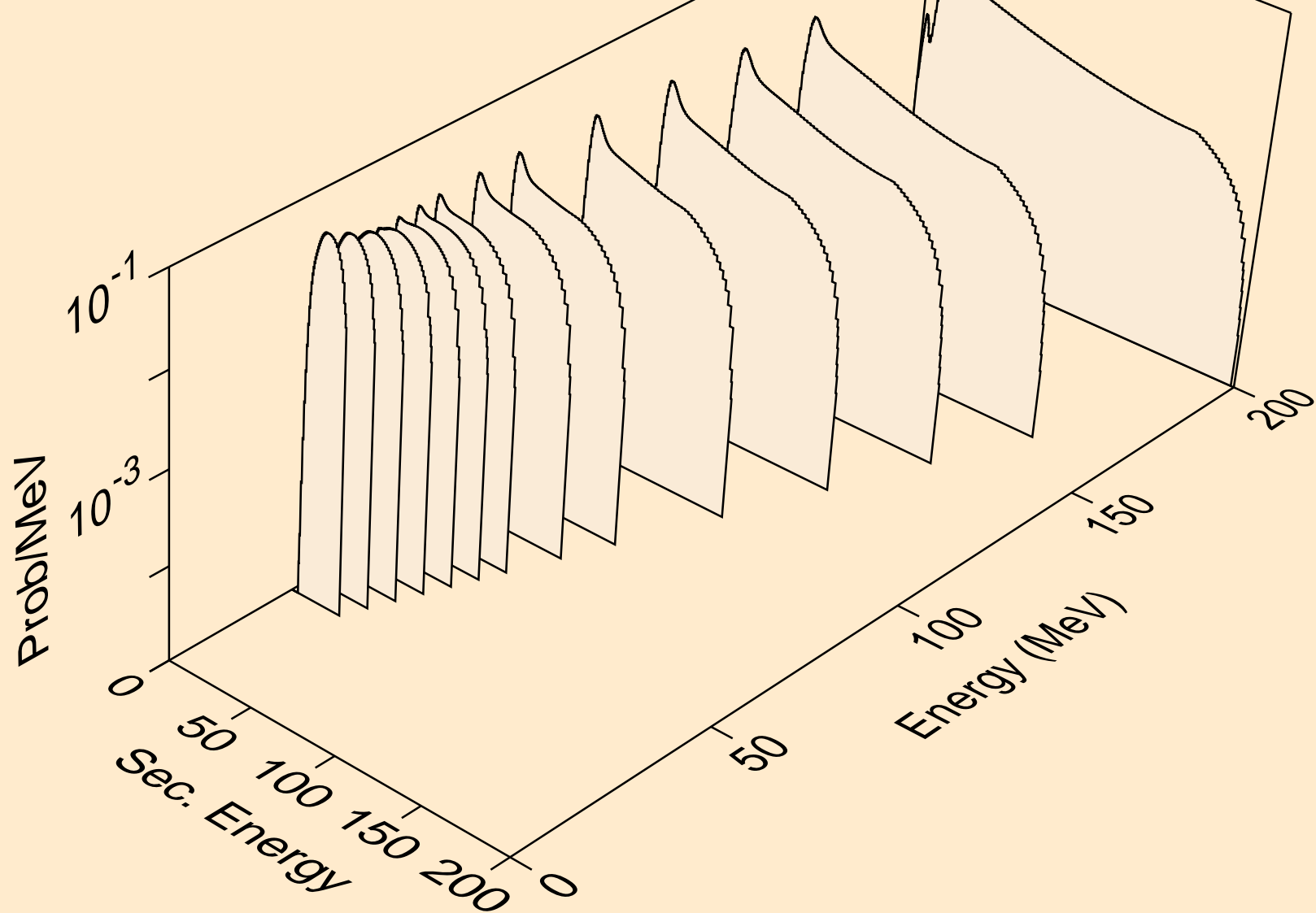




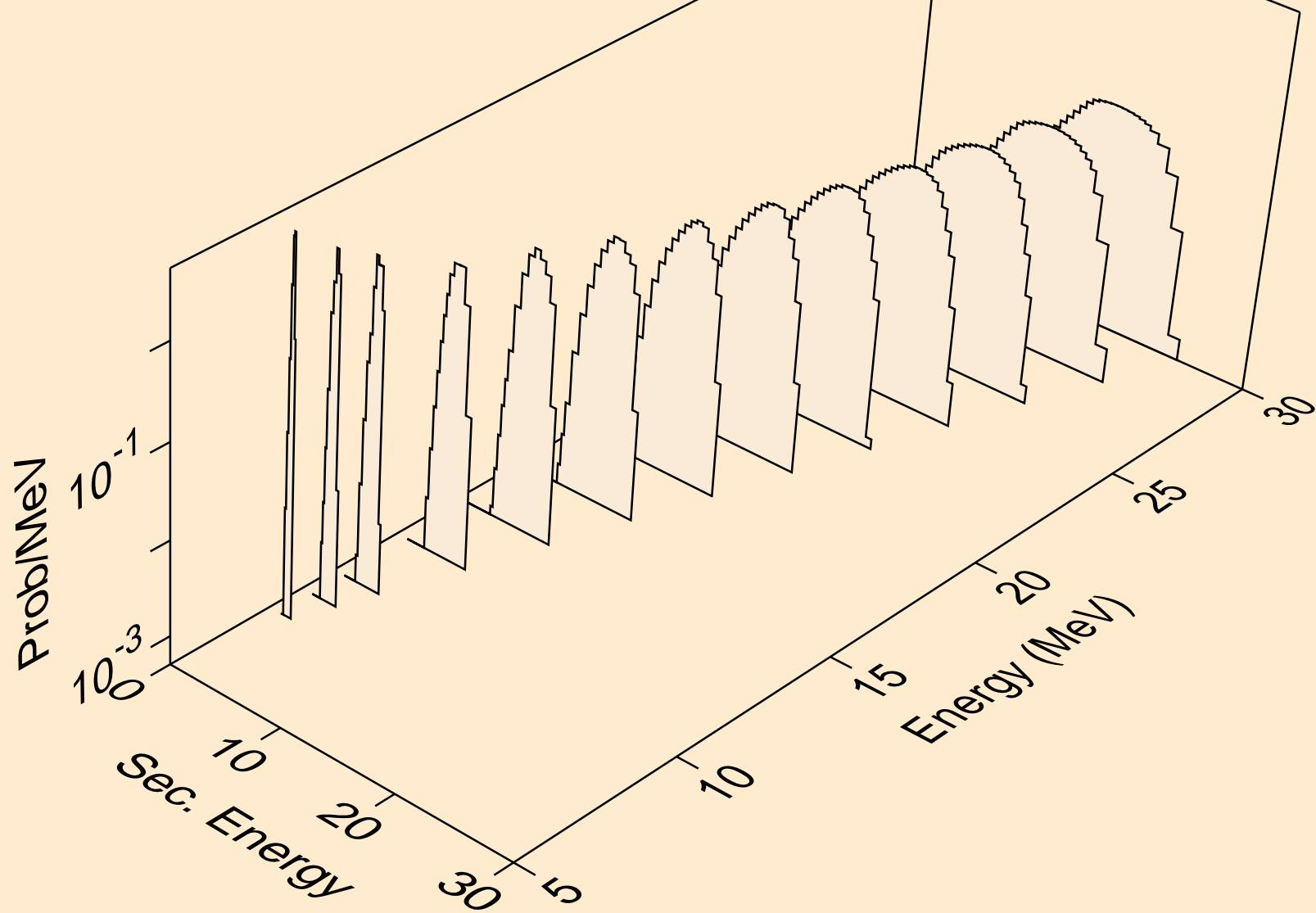
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



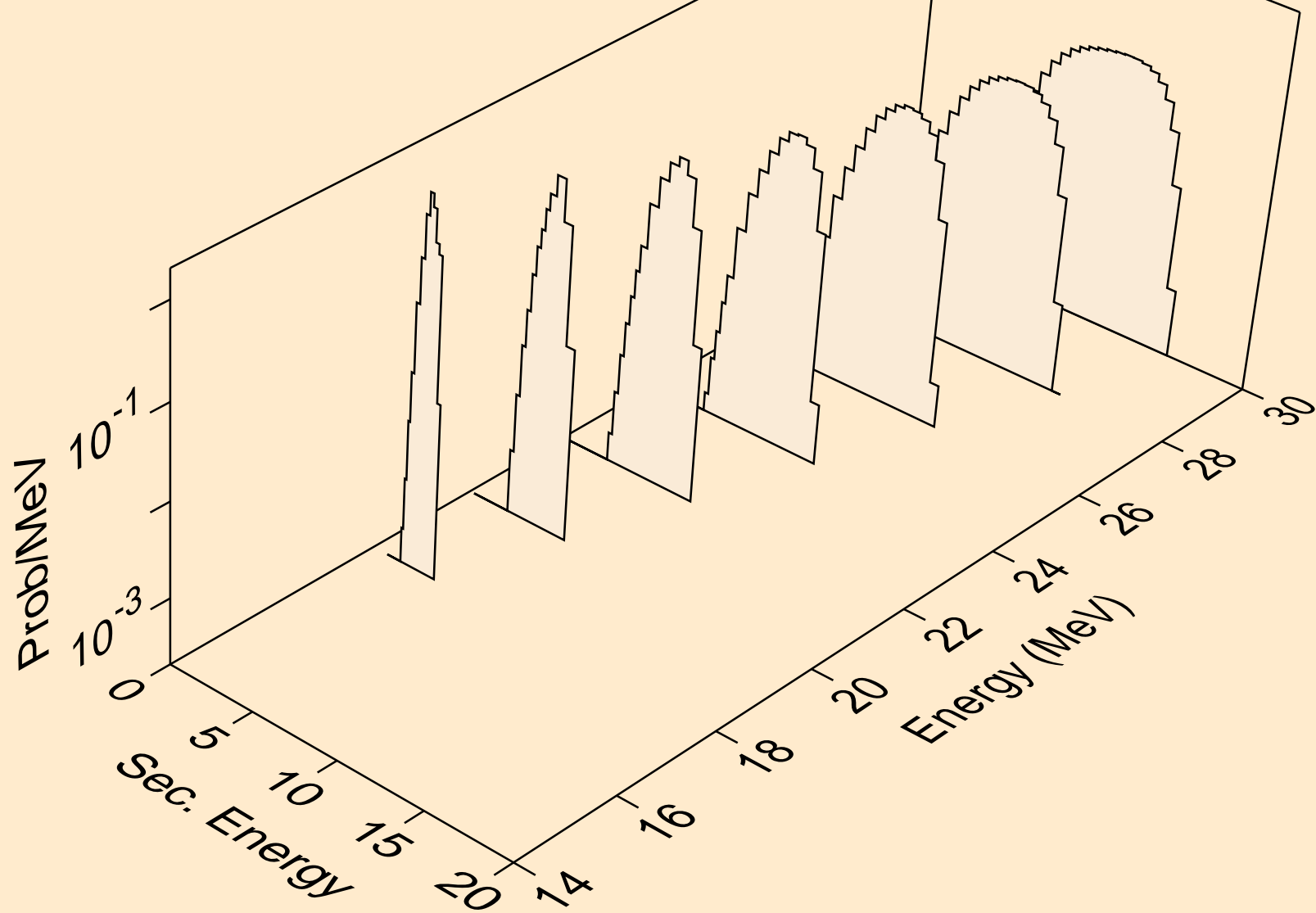
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



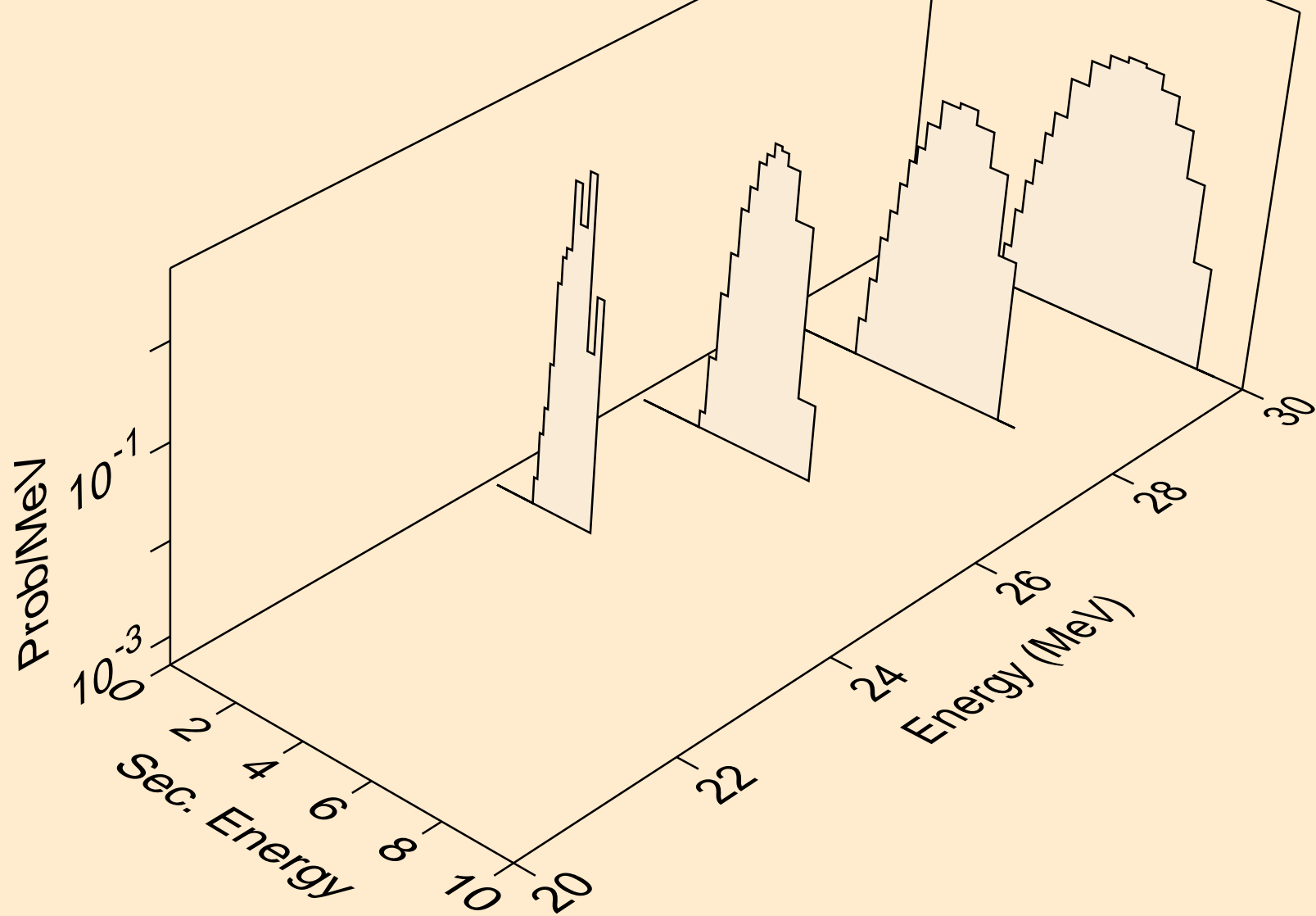
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



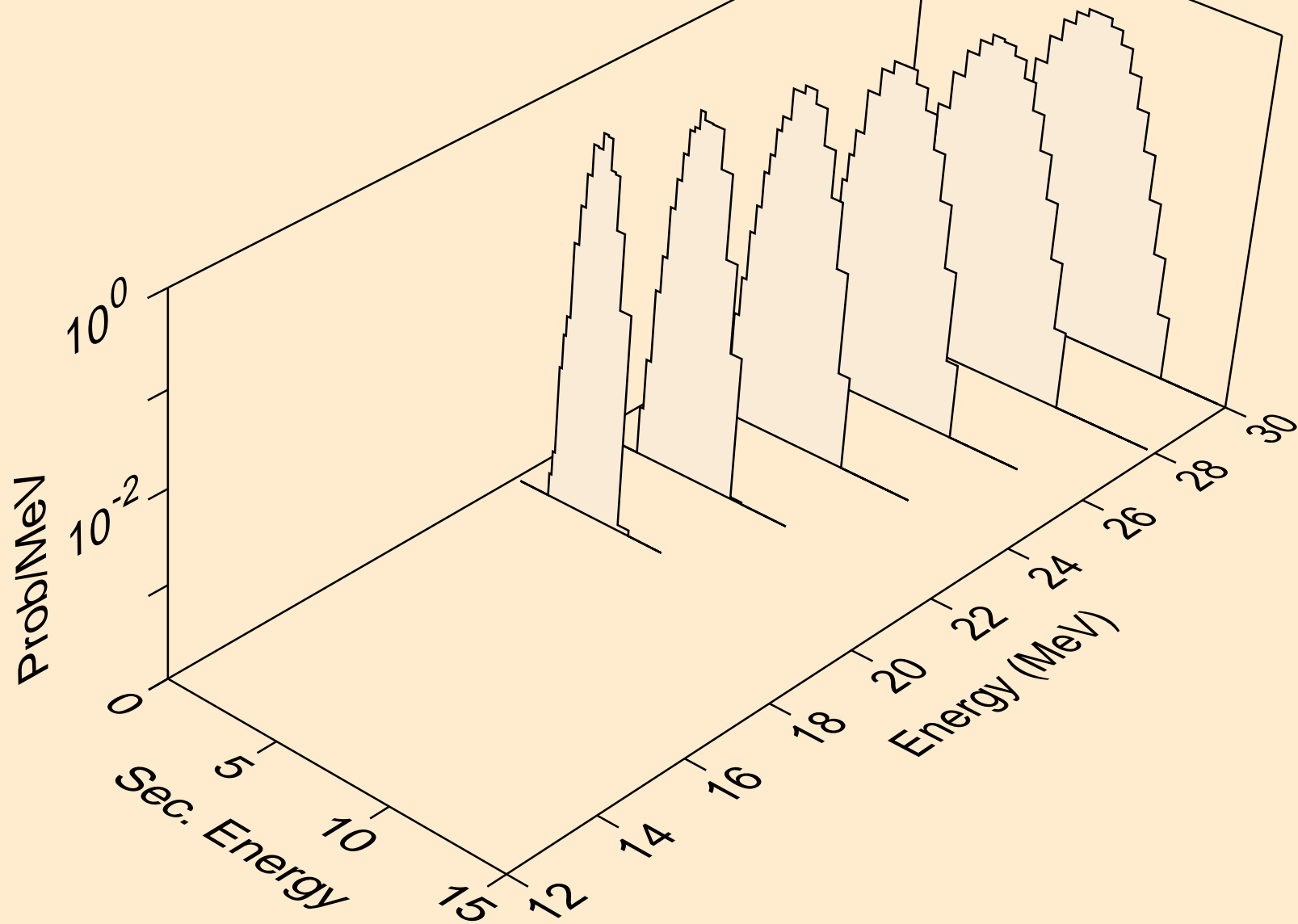
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



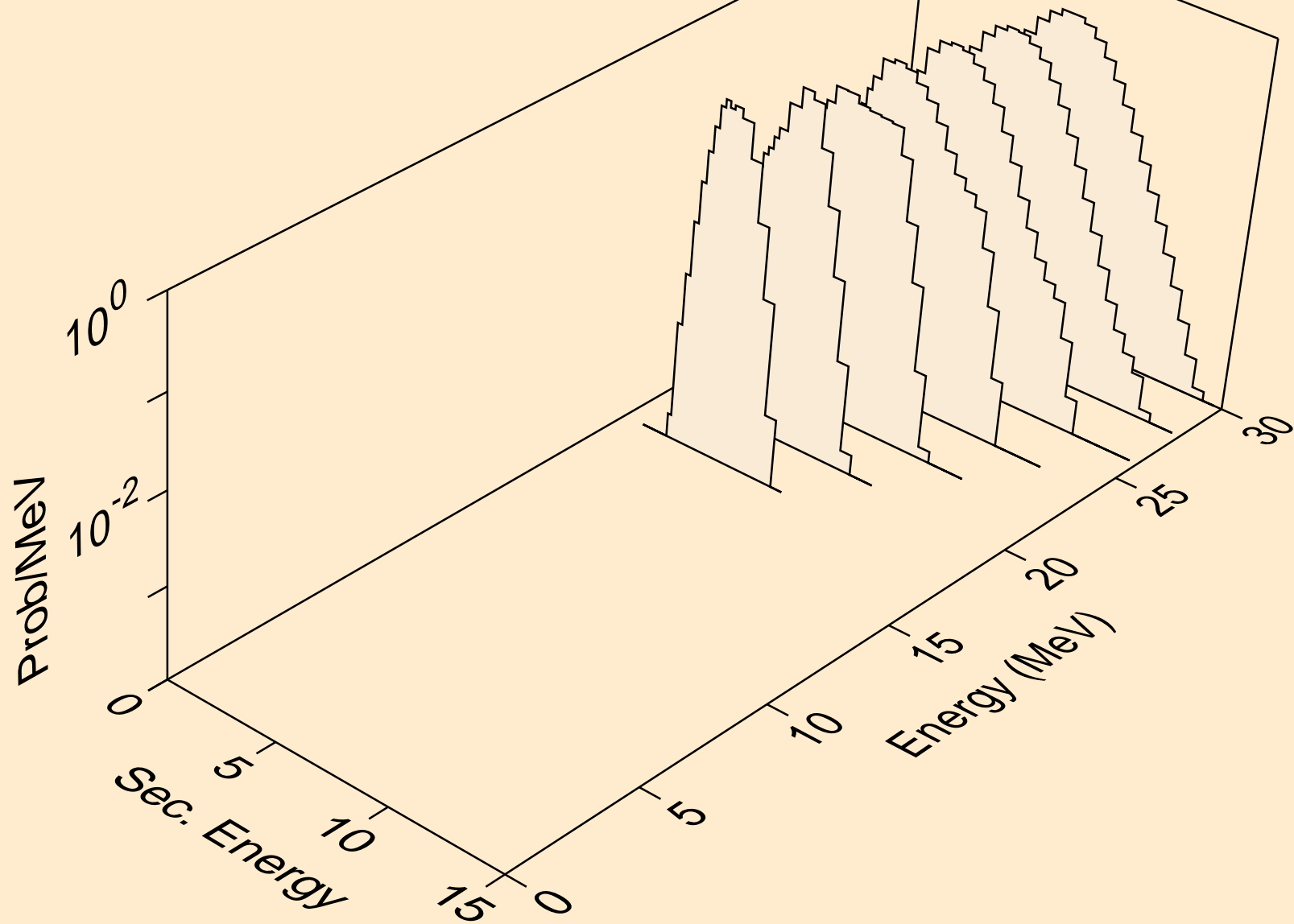
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Proton emission for (p,3np)



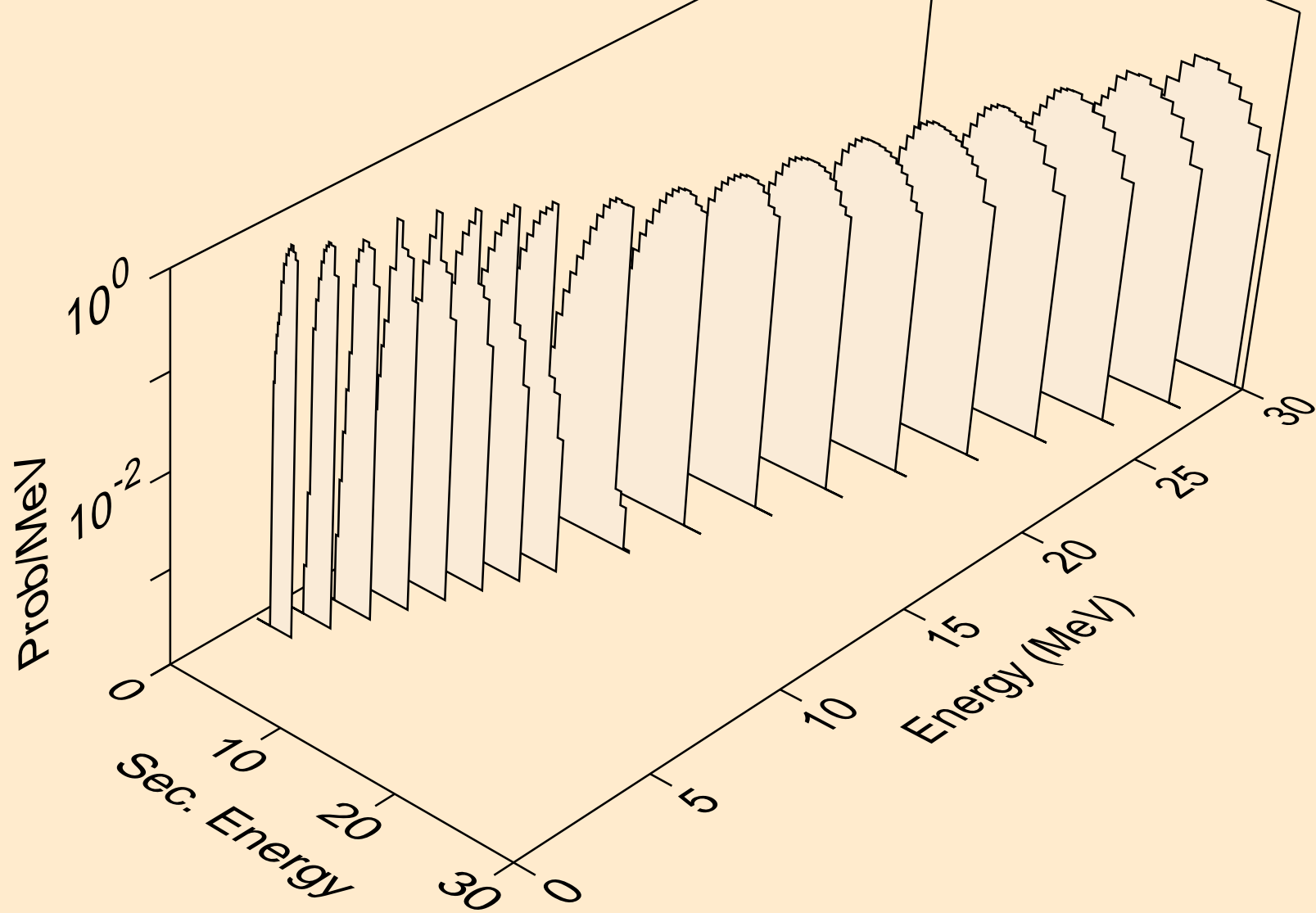
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

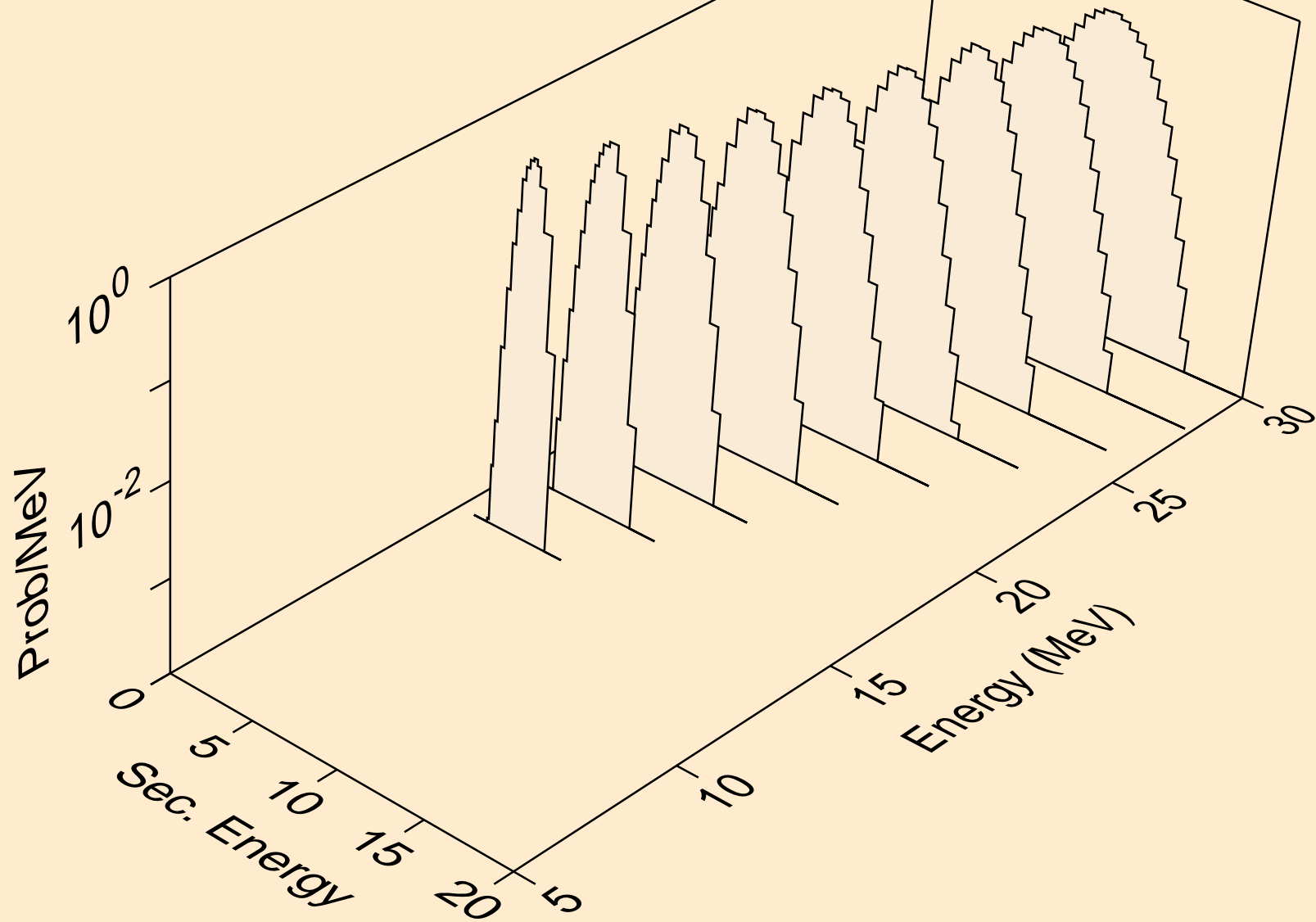


HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

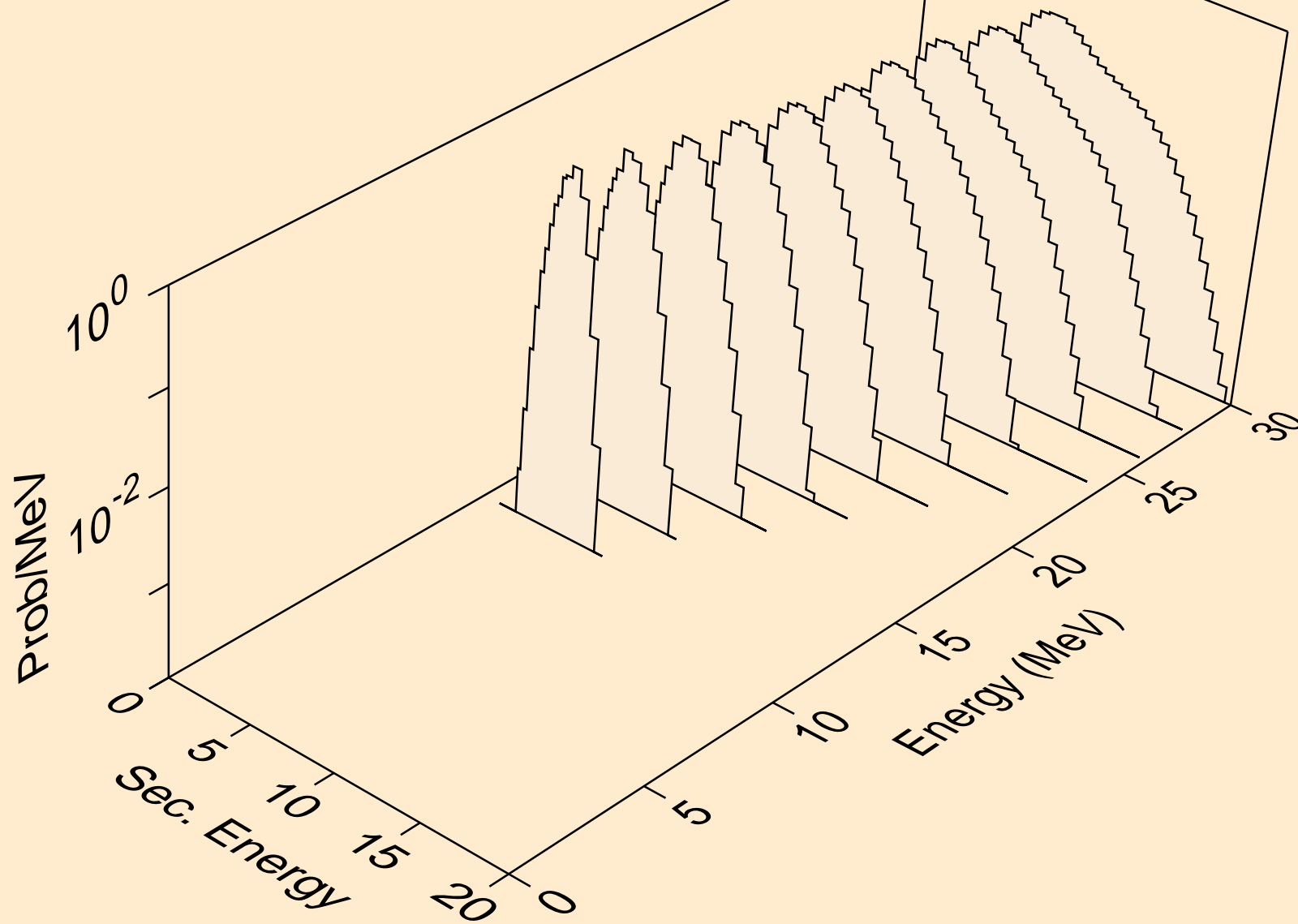




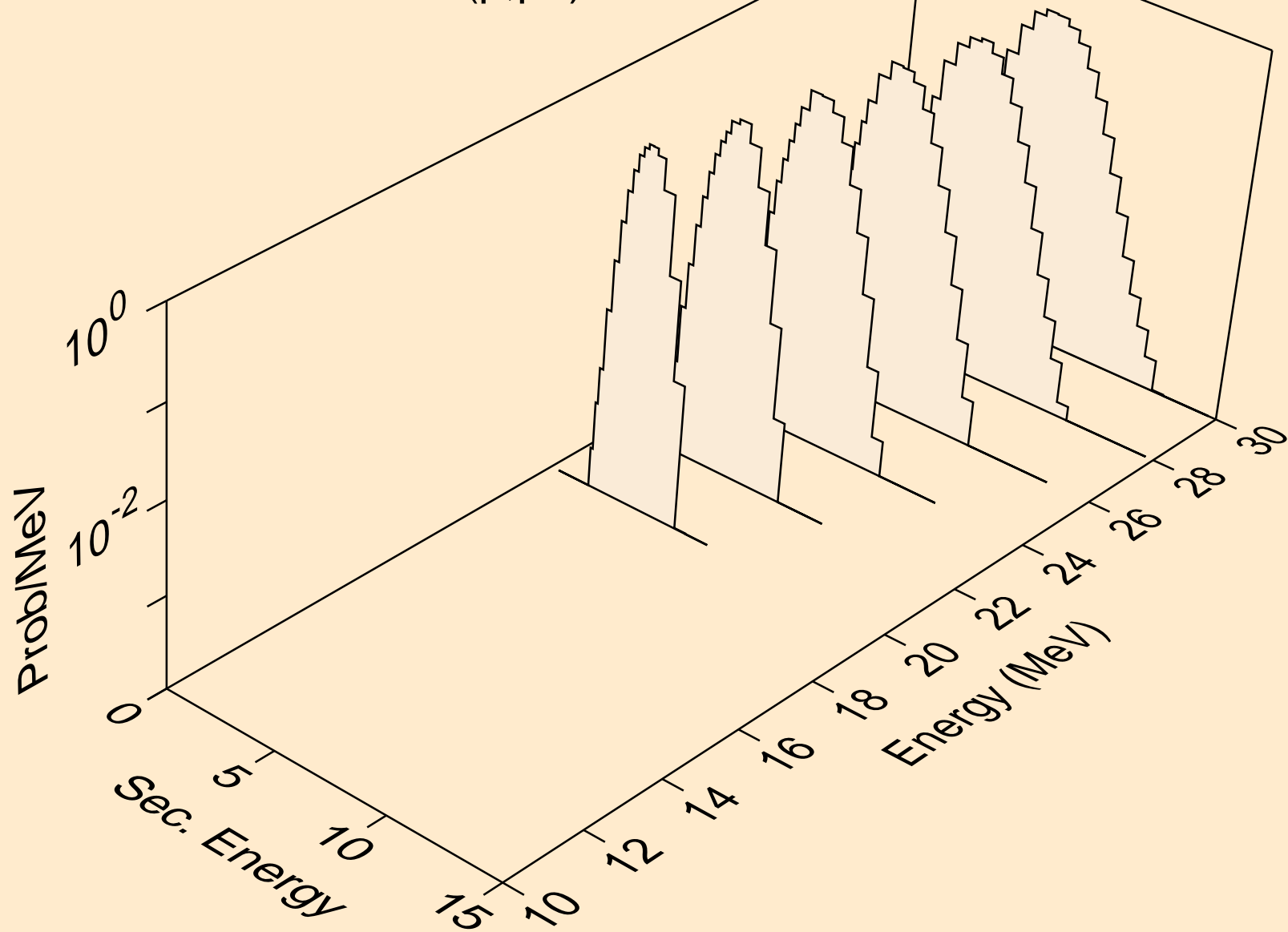
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Proton emission for (p,2p)



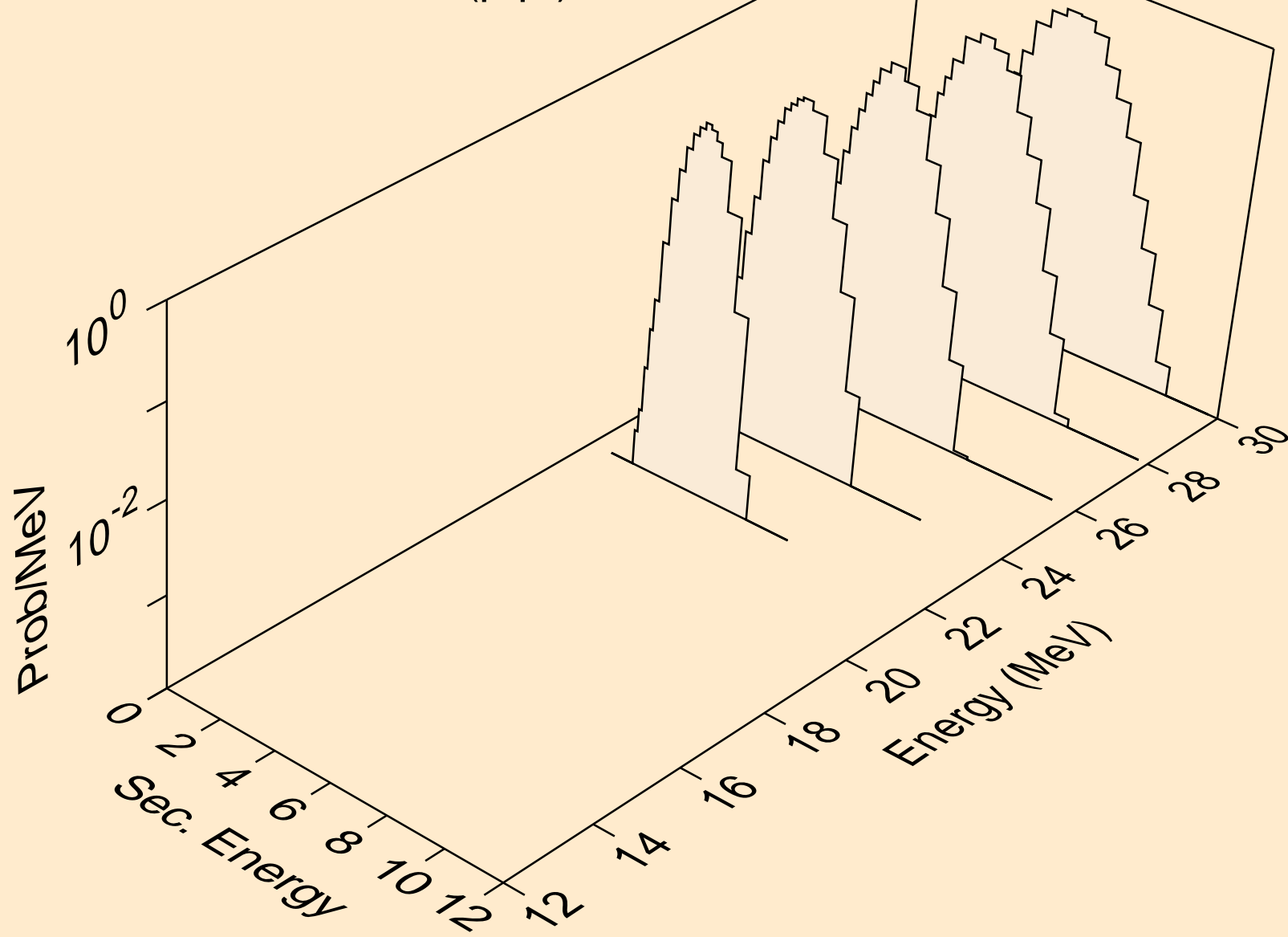
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



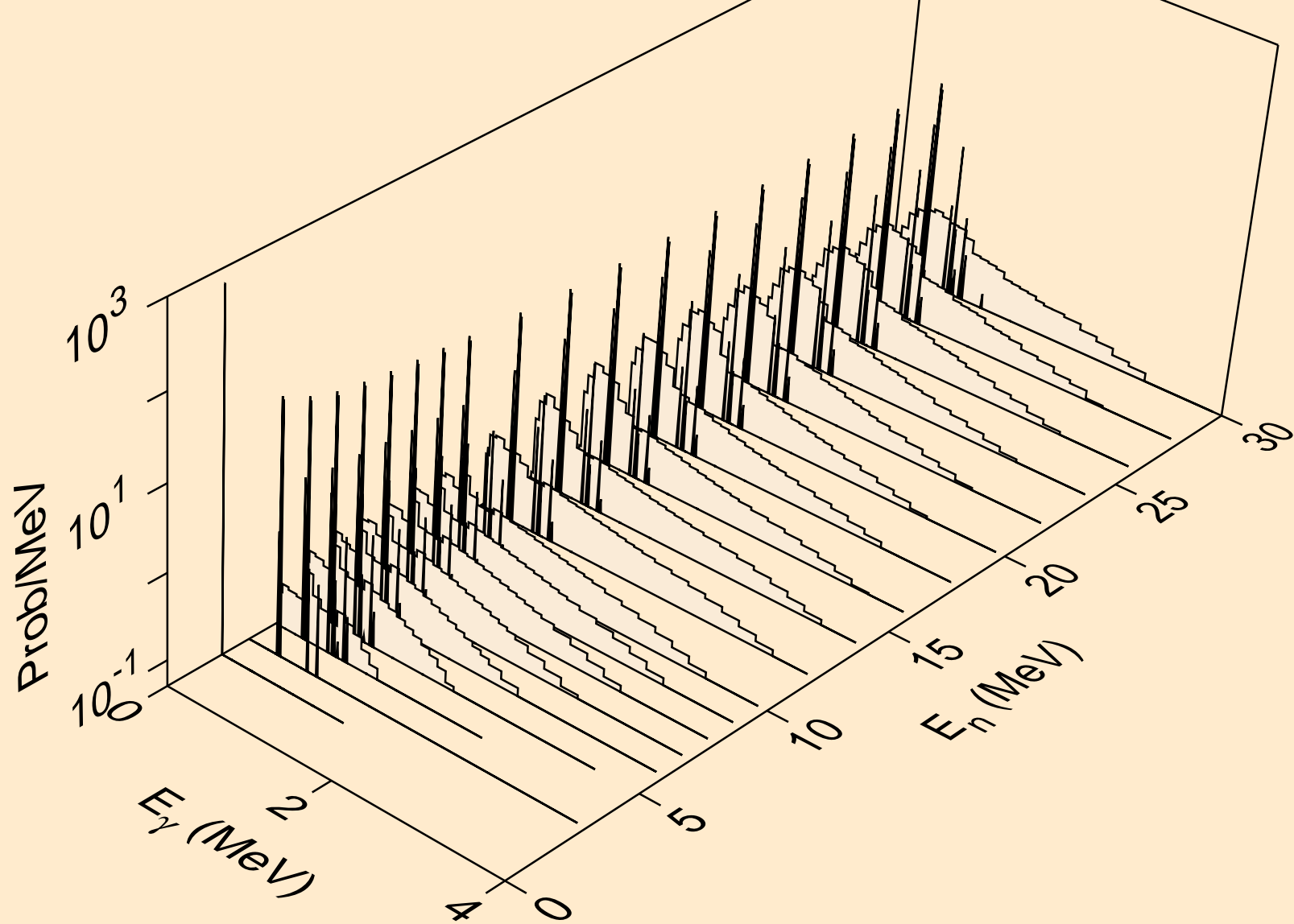
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



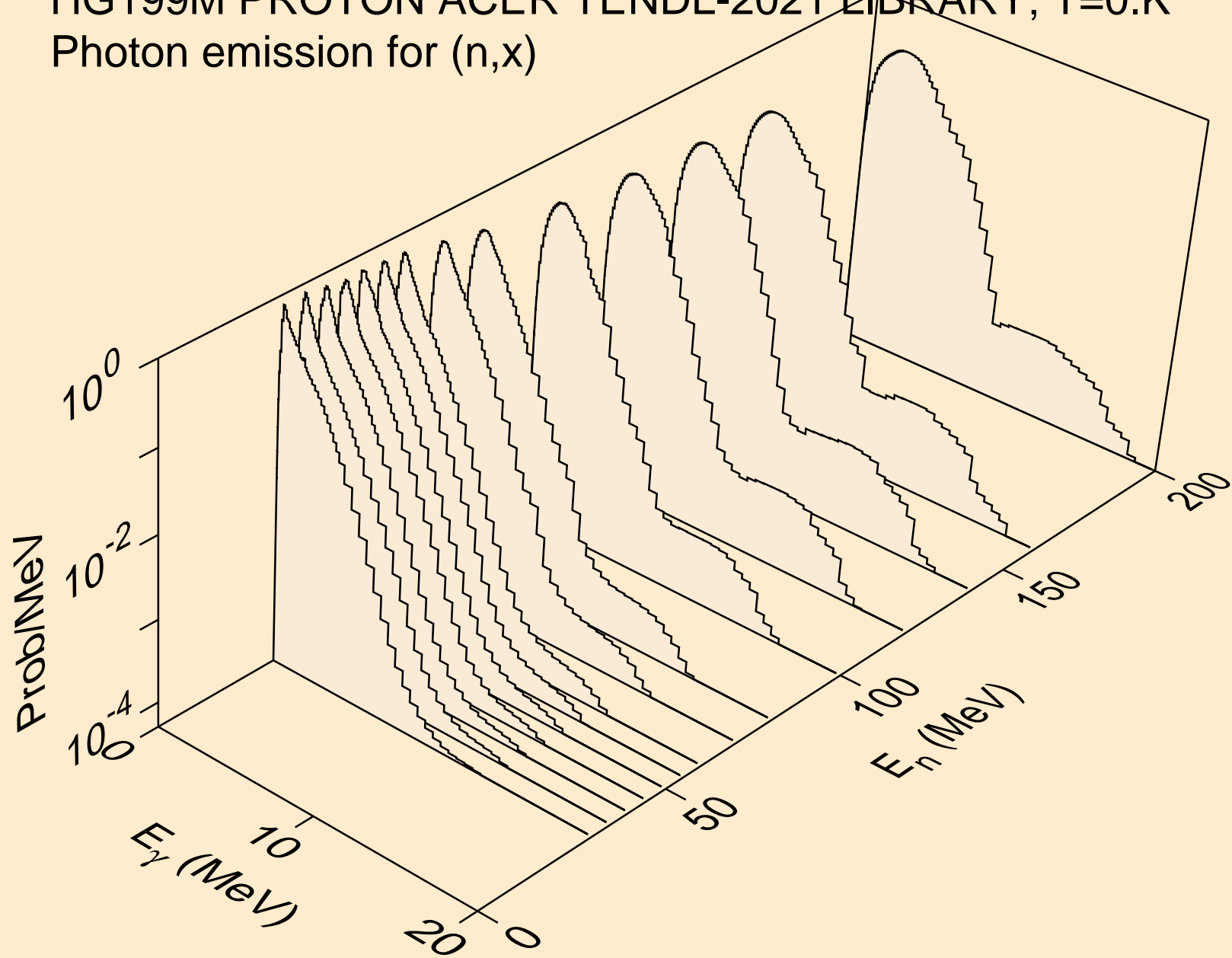
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Proton emission for (p,pt)



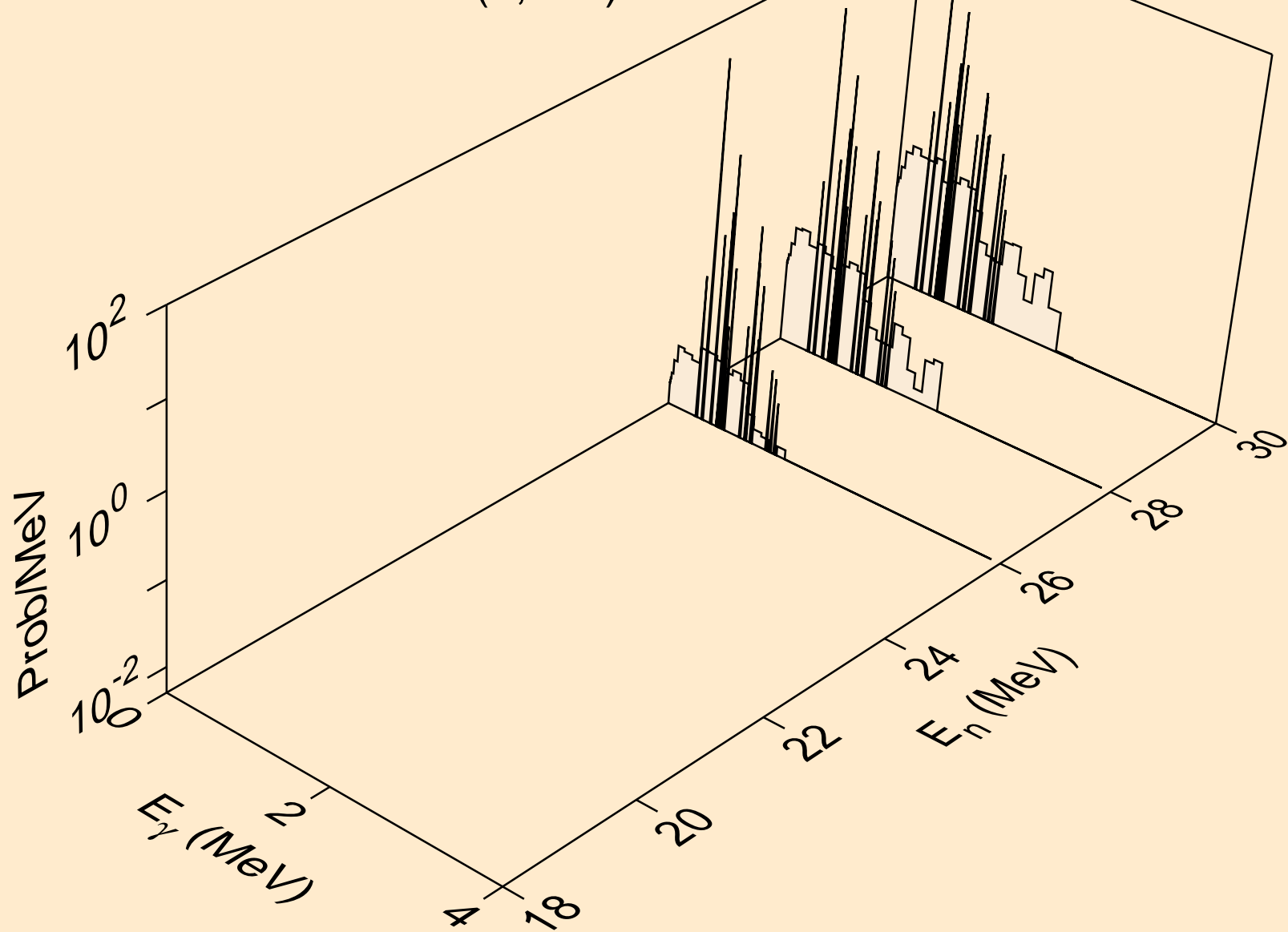
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Photon emission for (z,n)



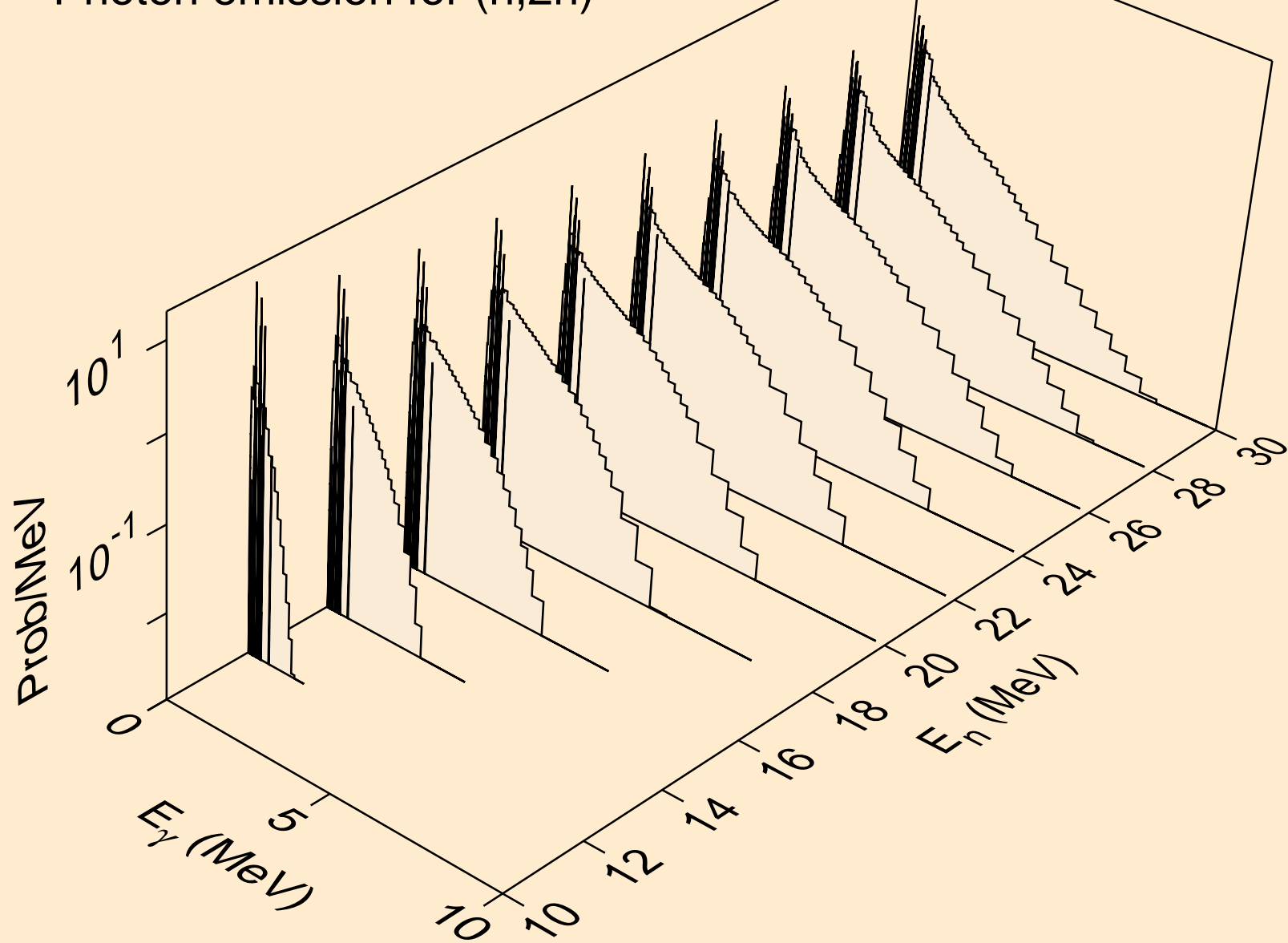
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

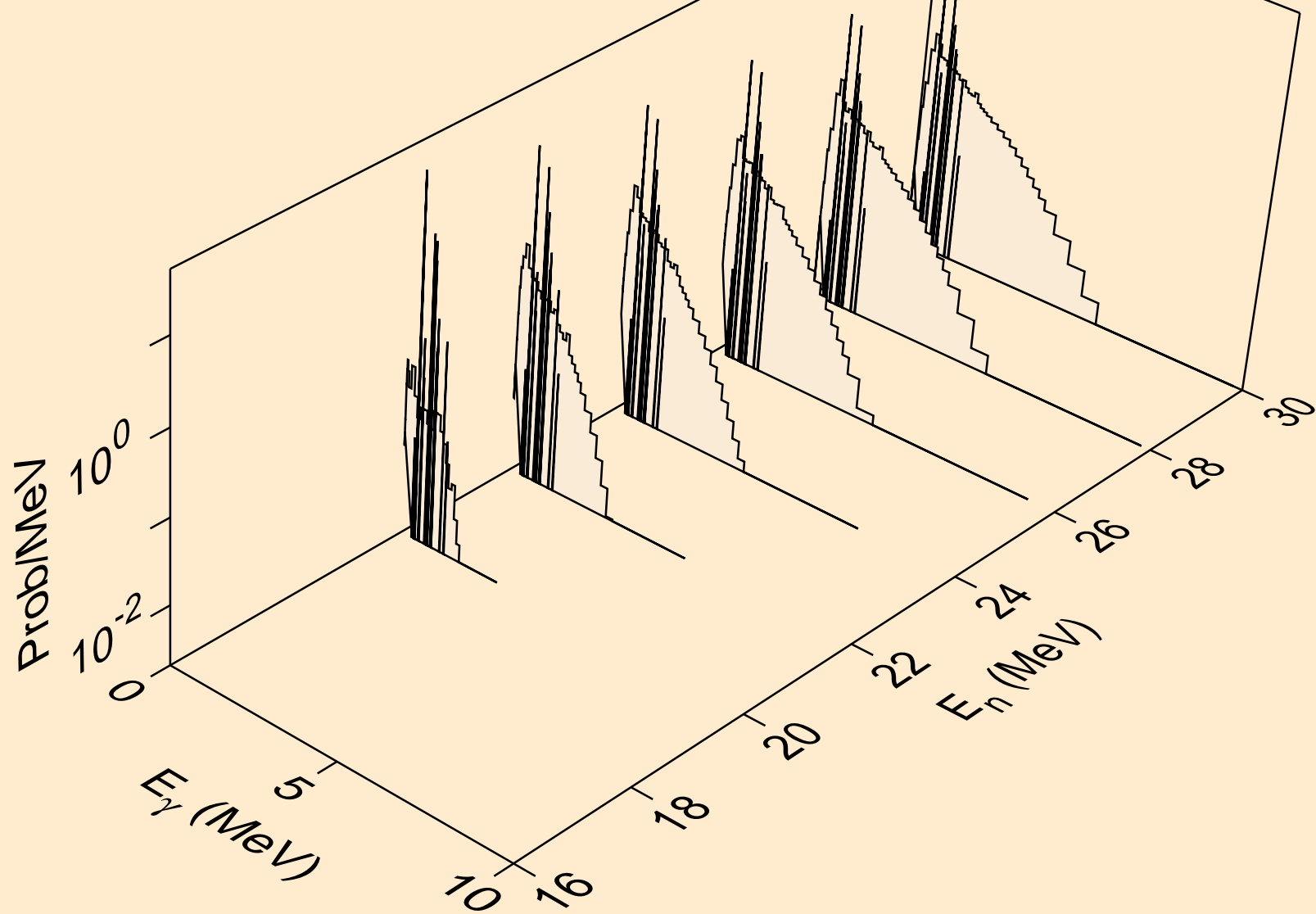


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Photon emission for (n,2n)

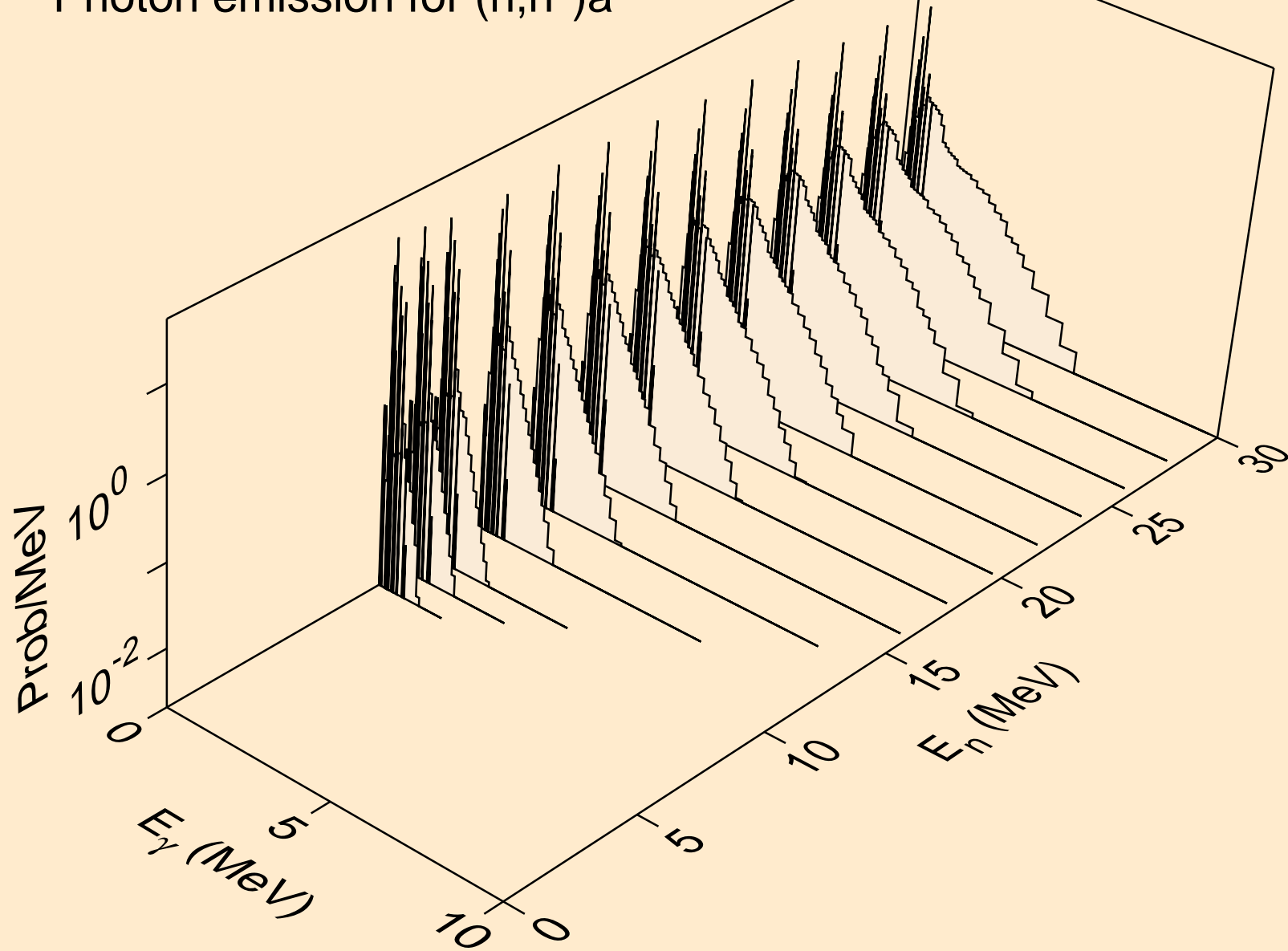




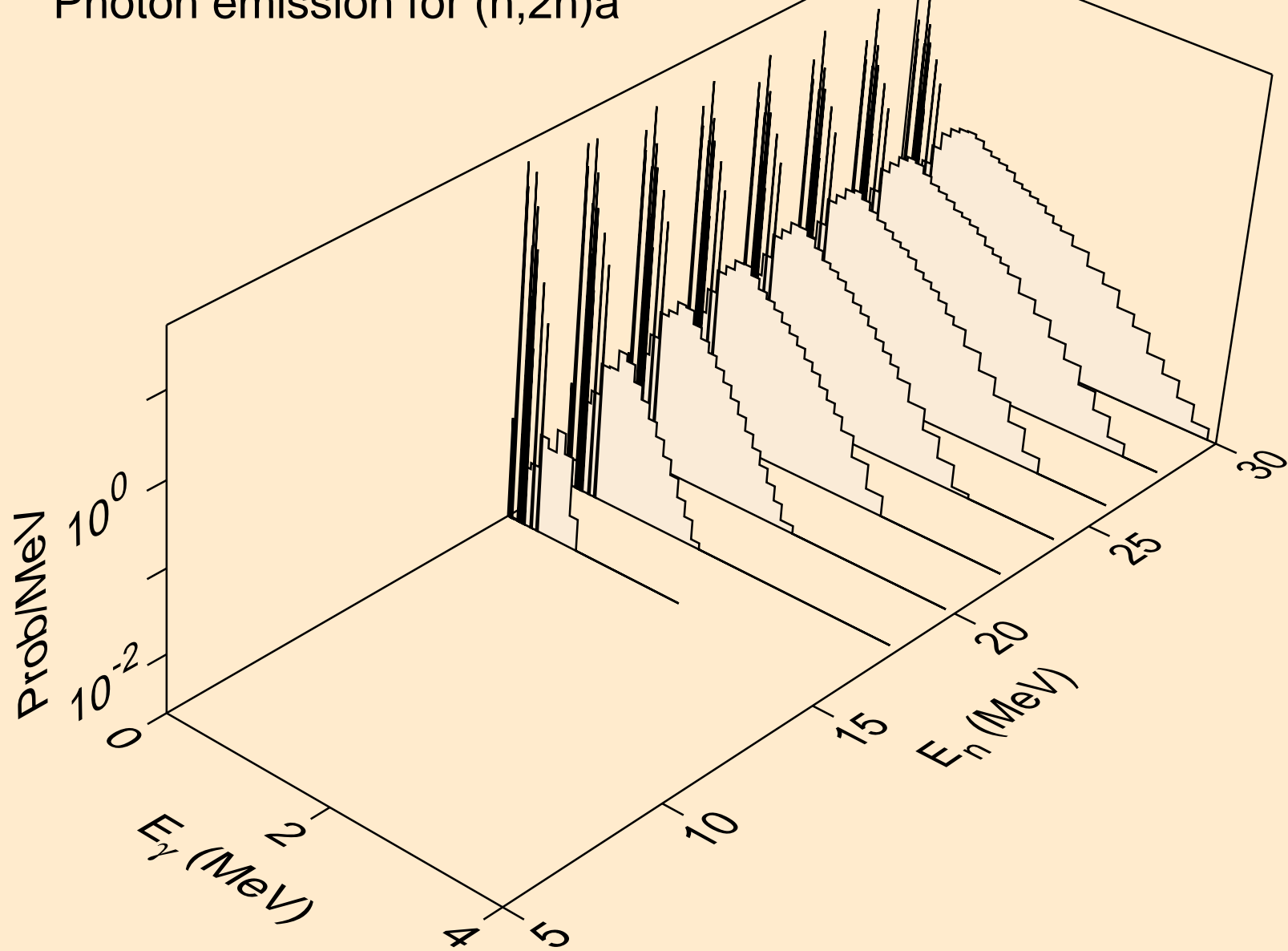
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Photon emission for (n,3n)



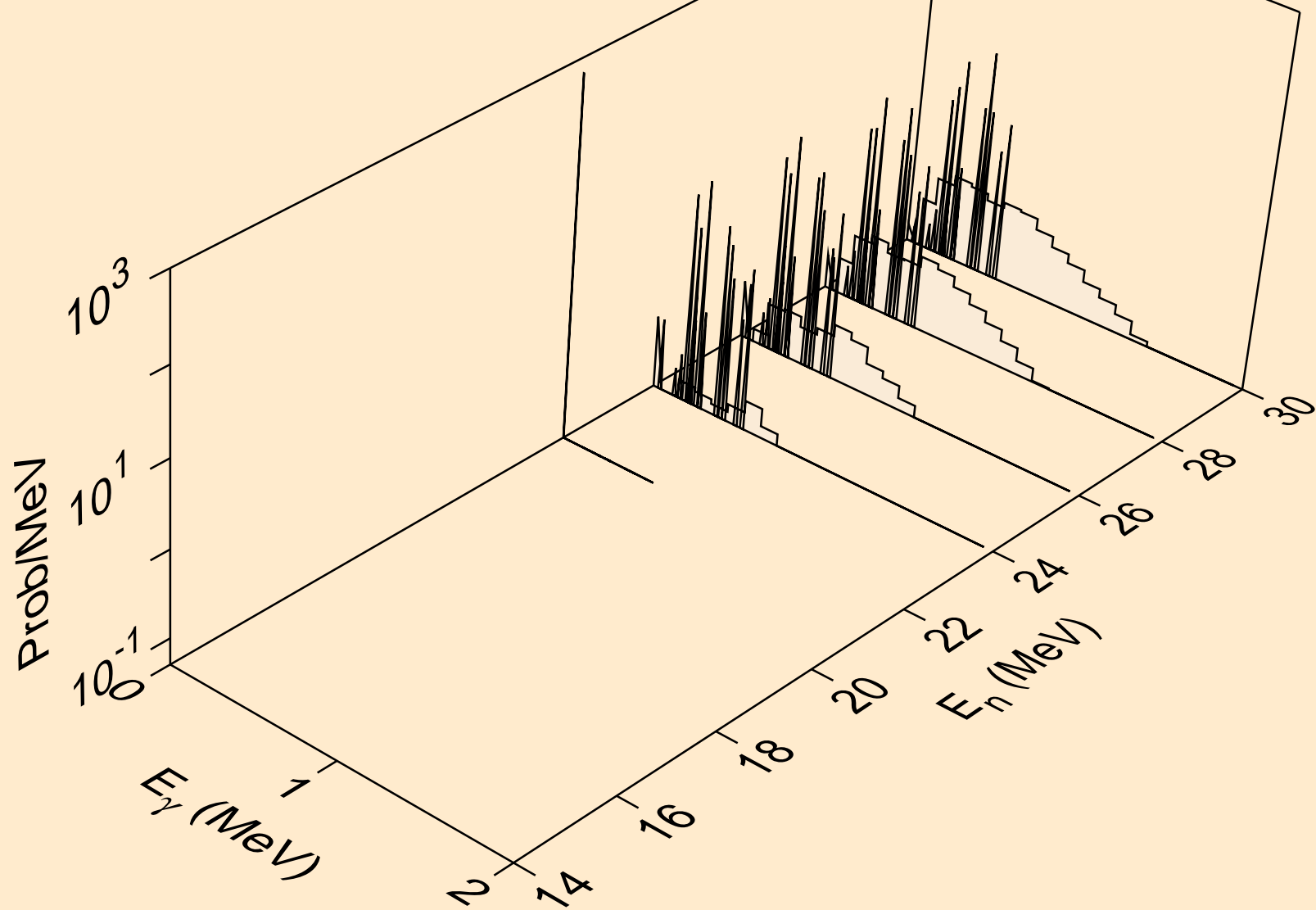
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



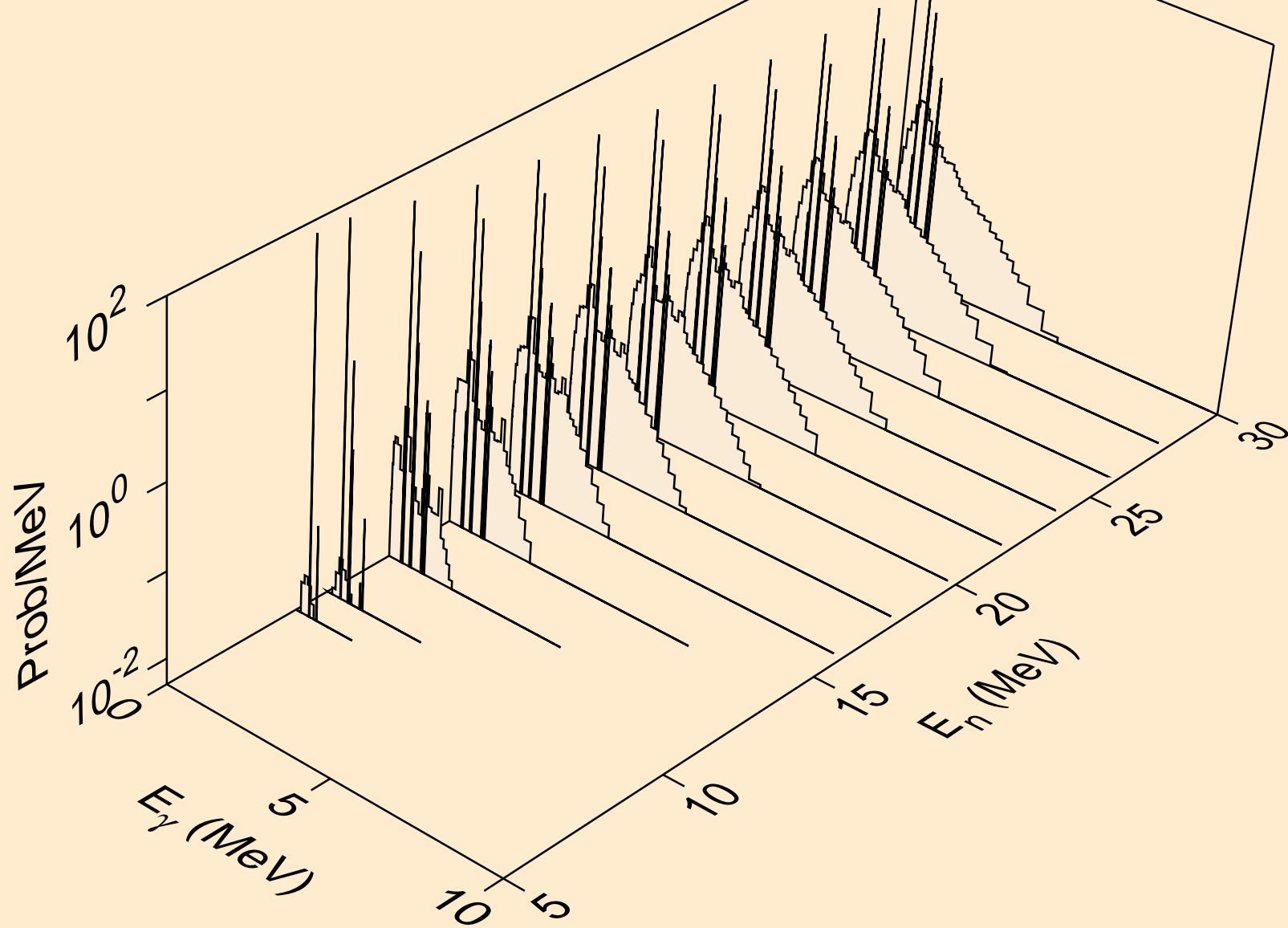
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Photon emission for (n,2n)a



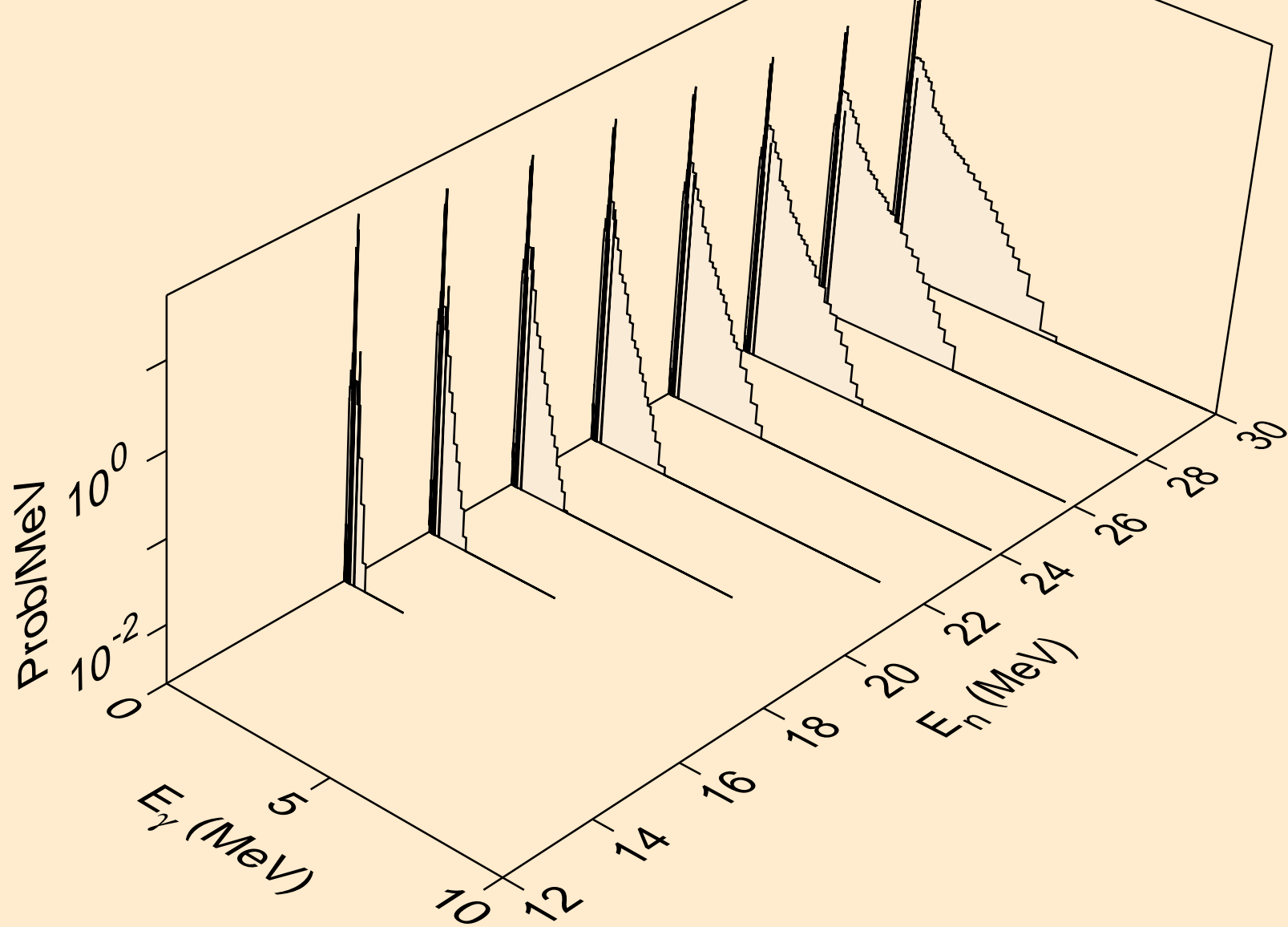
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Photon emission for (n,3n)a



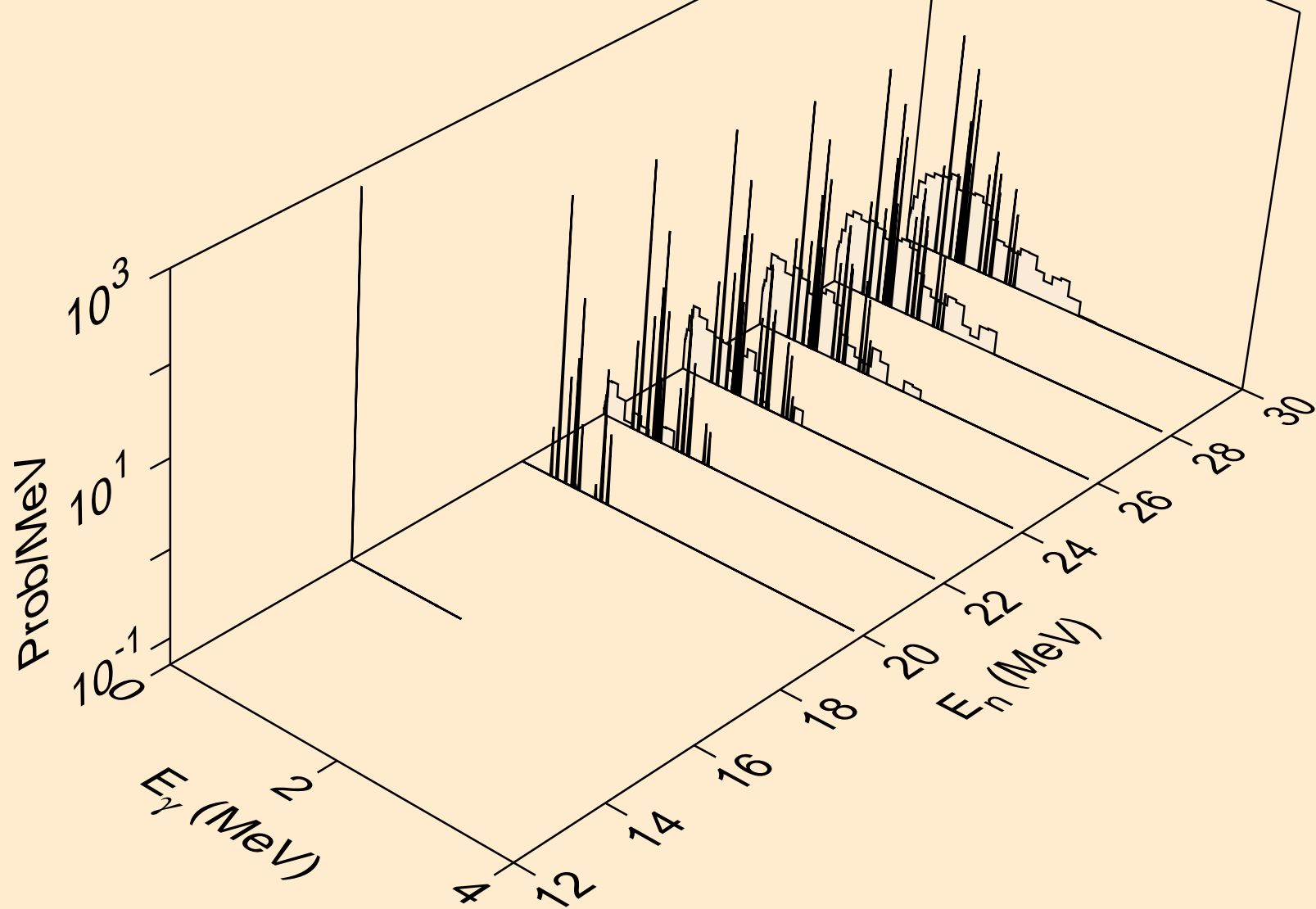
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Photon emission for (n,n\*)p



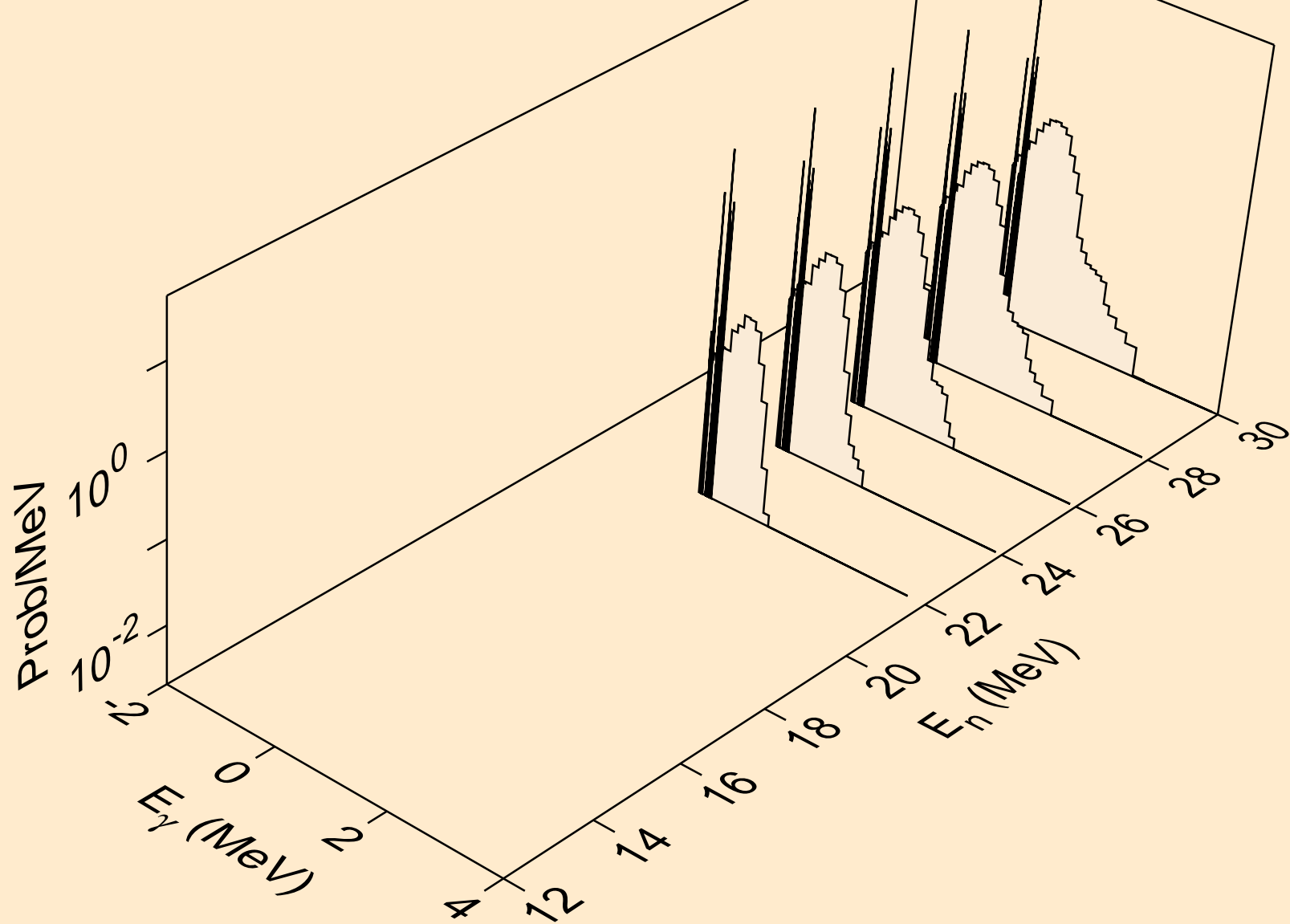
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

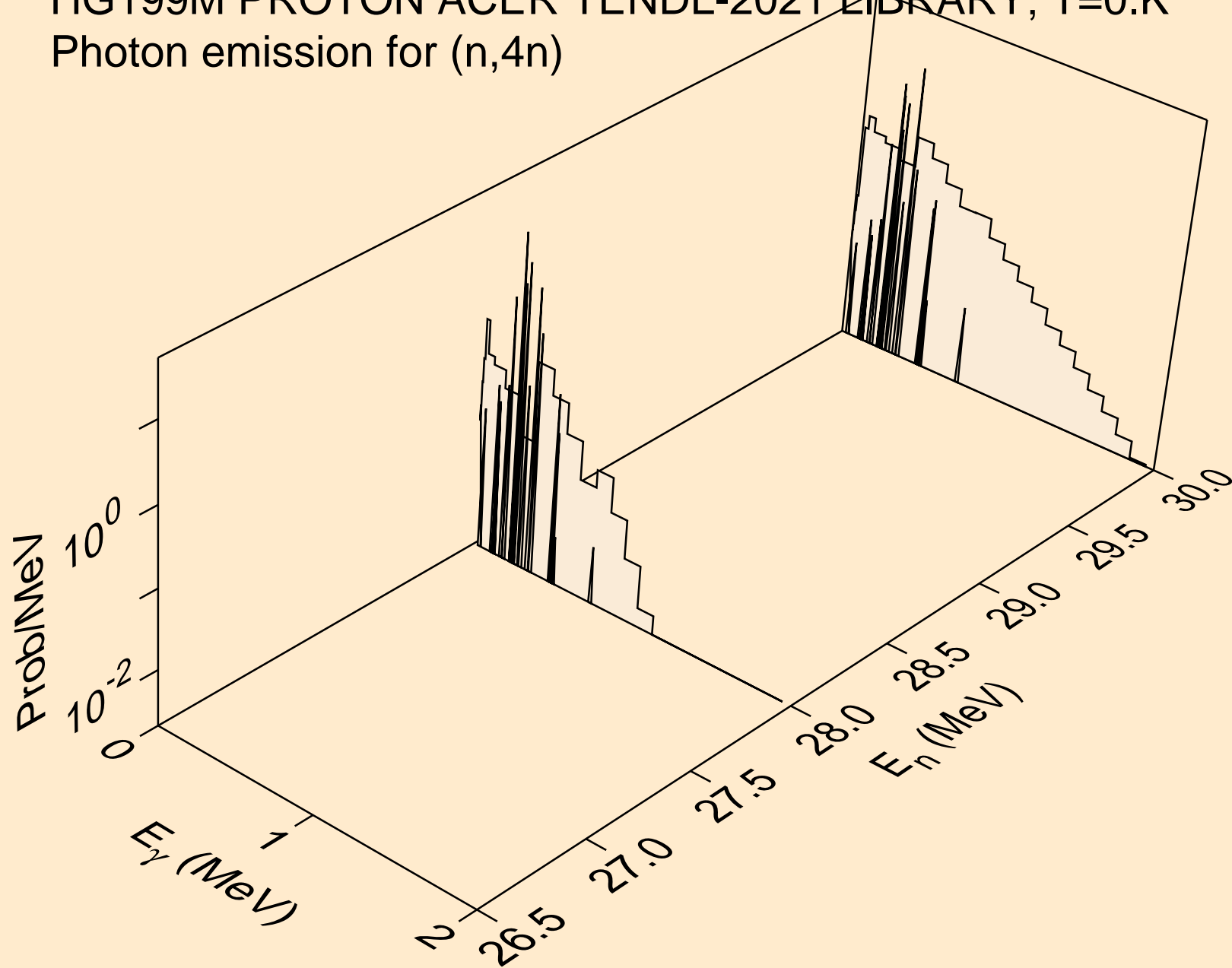


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Photon emission for (n,n\*)he3

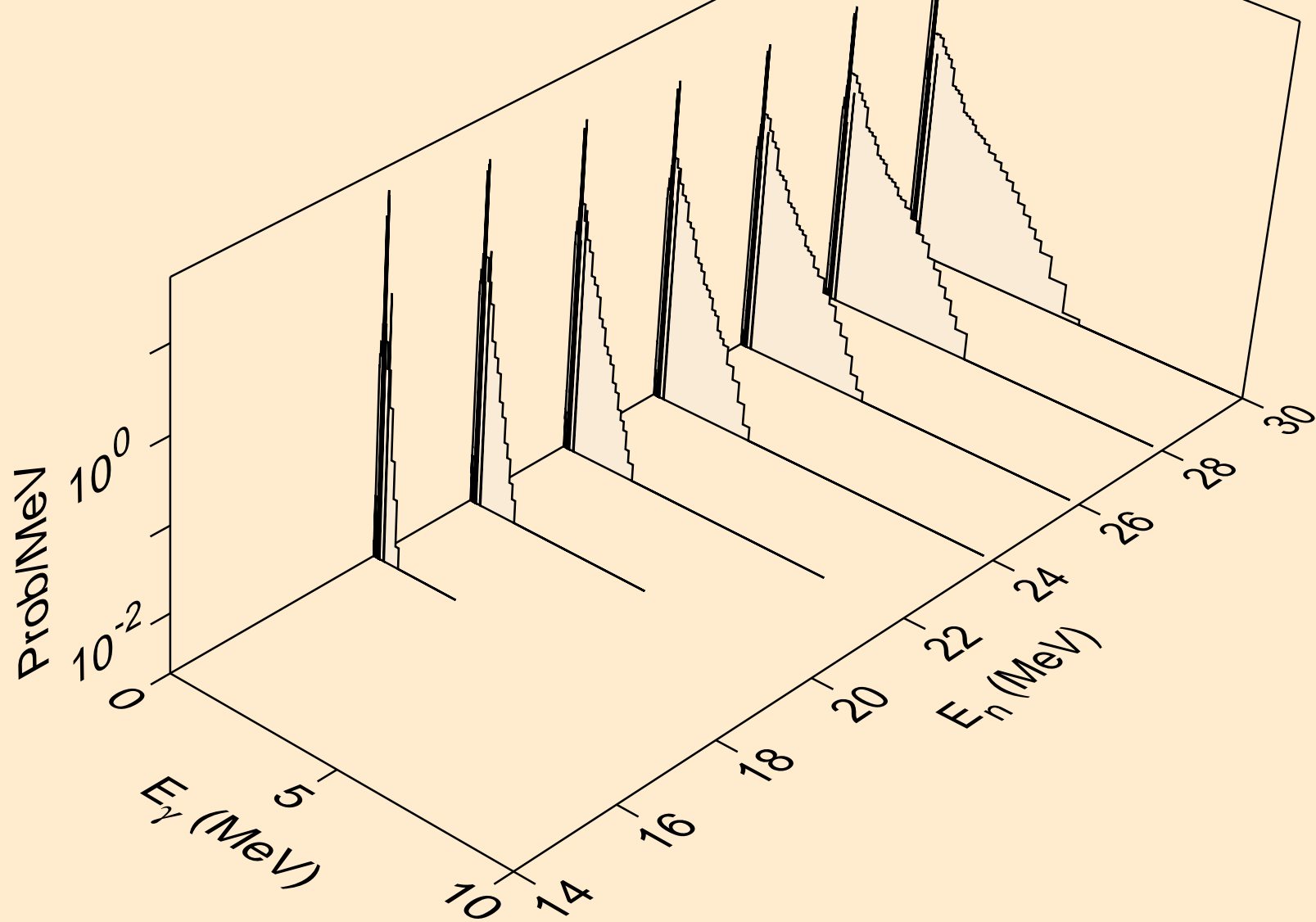




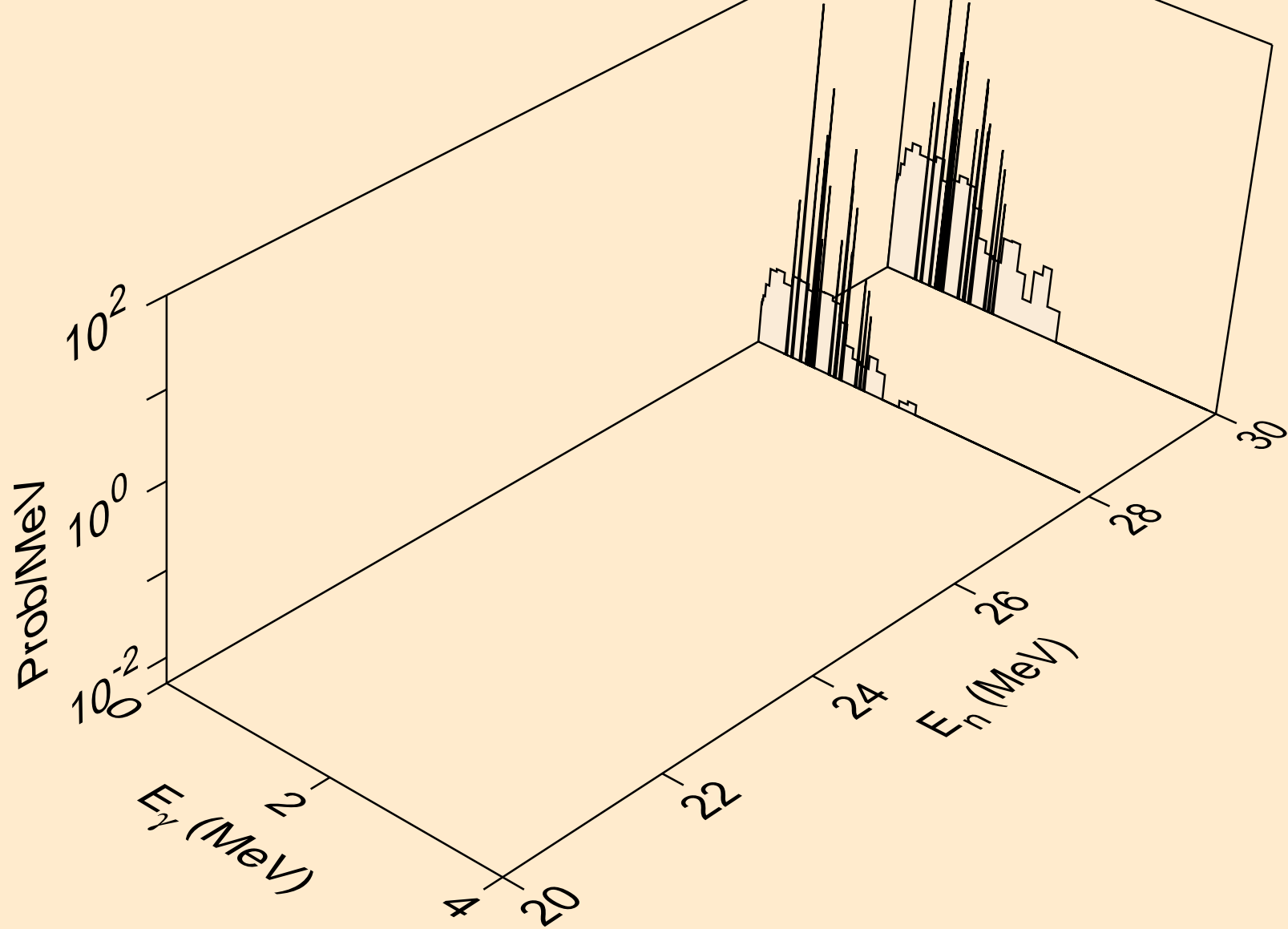
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Photon emission for (n,4n)



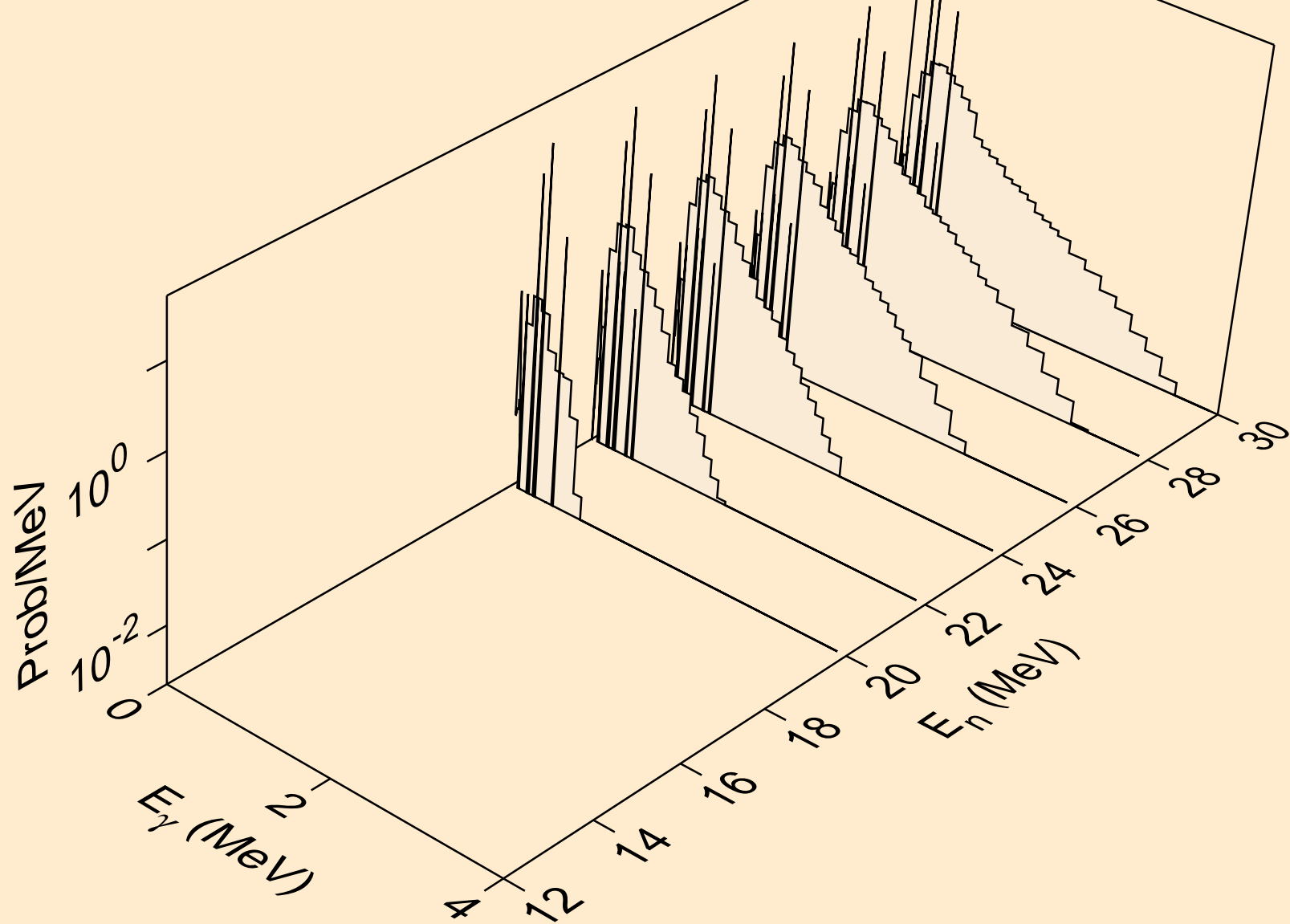
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Photon emission for (n,2np)



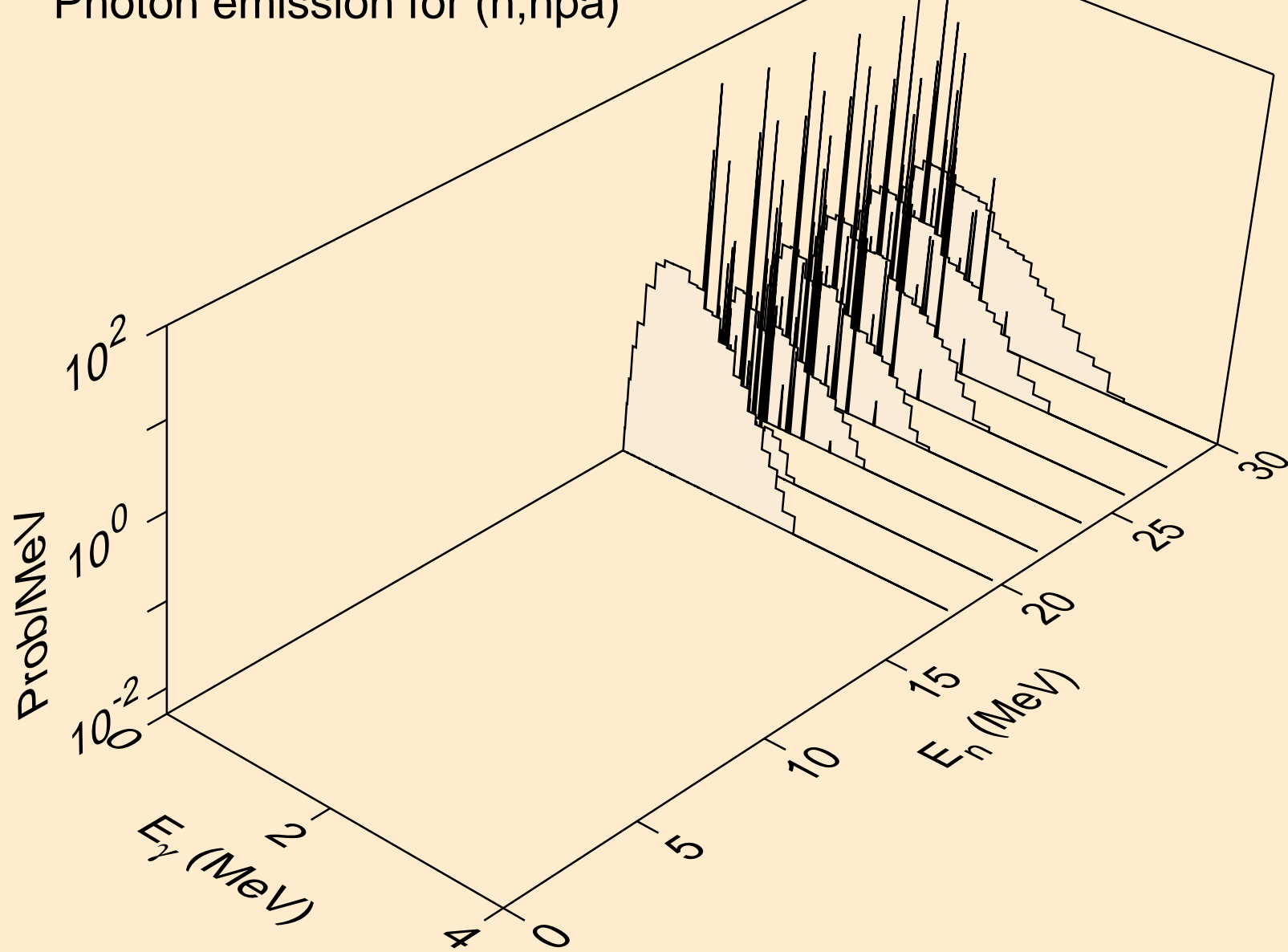
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Photon emission for (n,3np)



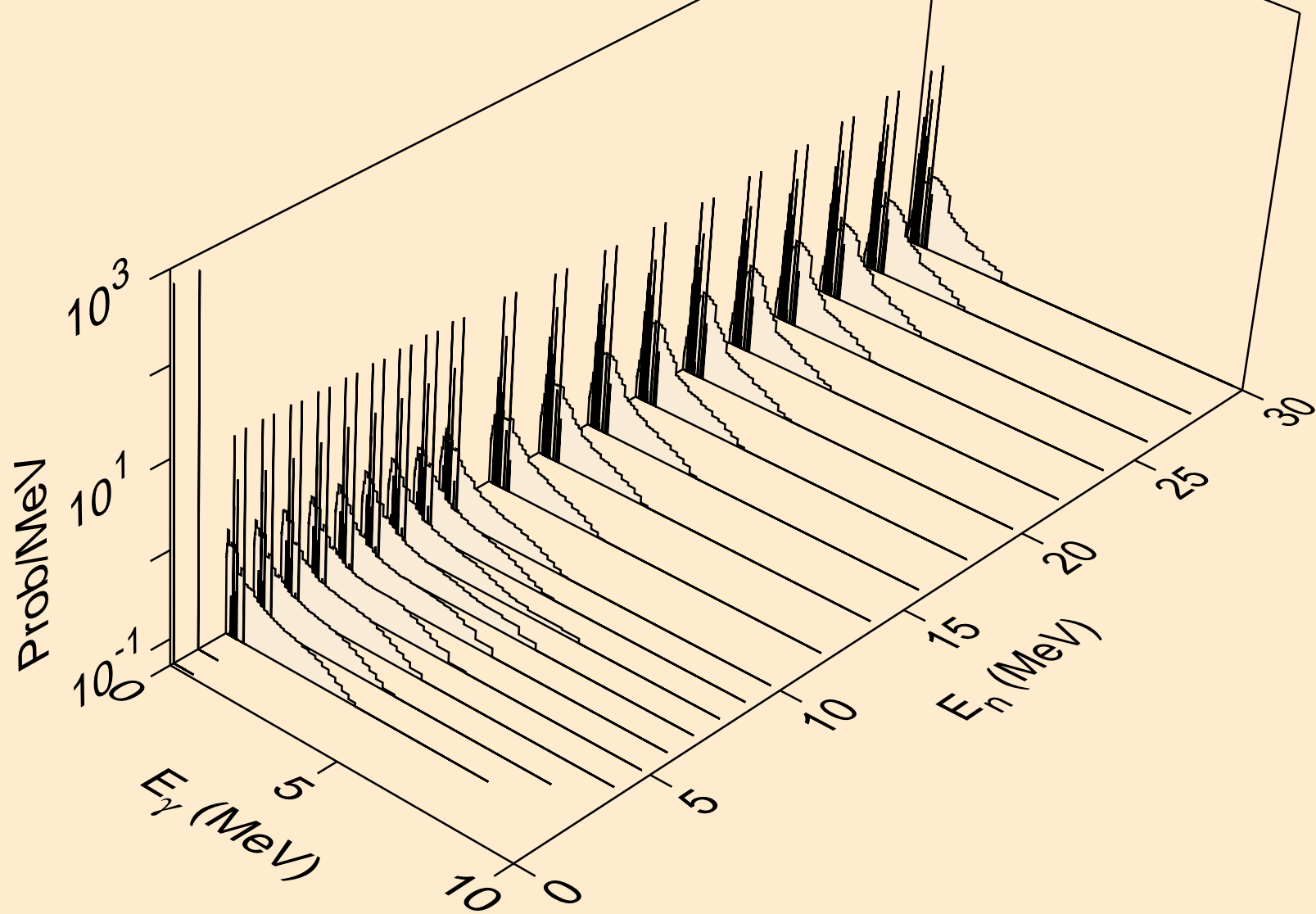
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Photon emission for (n,2np)



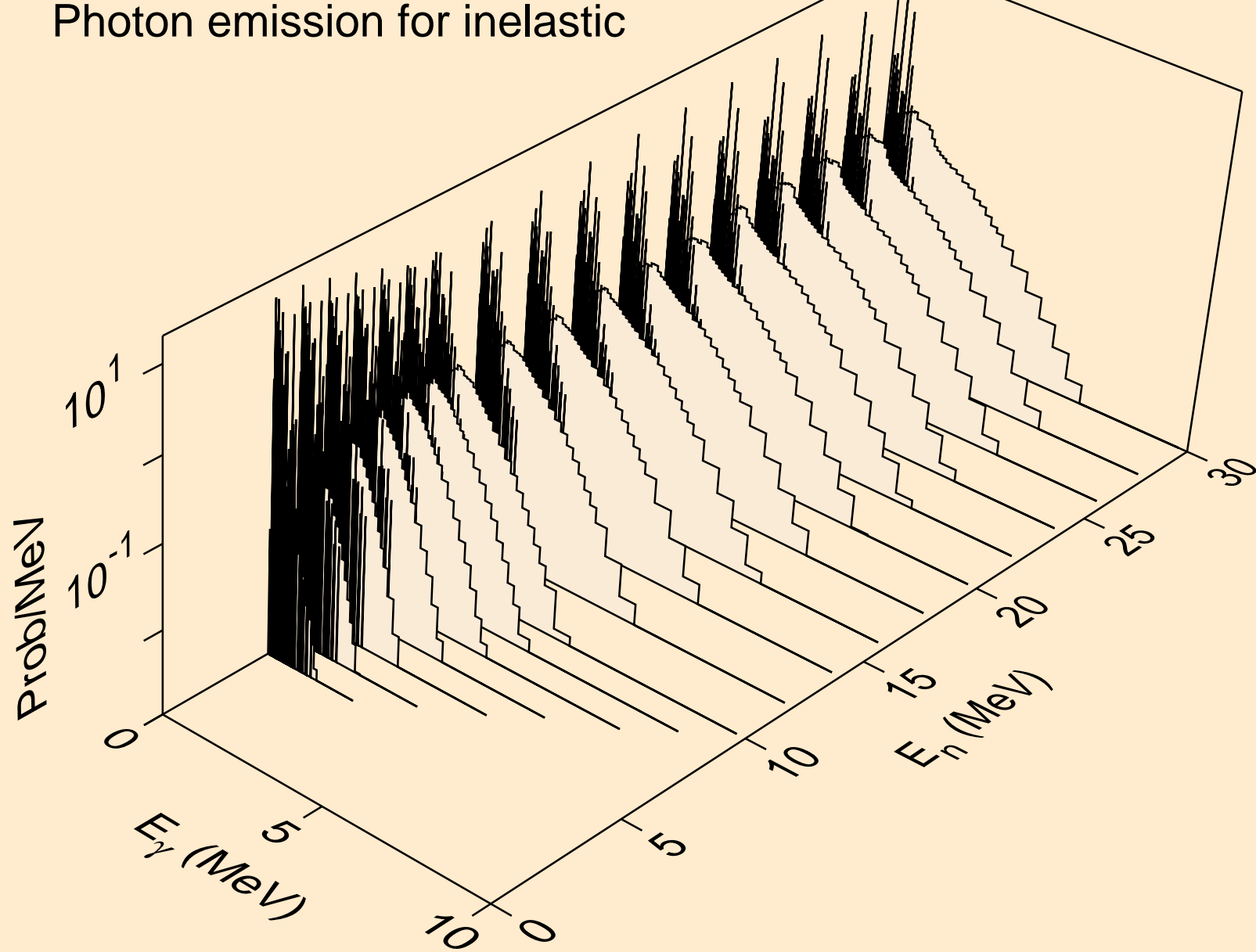
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Photon emission for (n,npa)



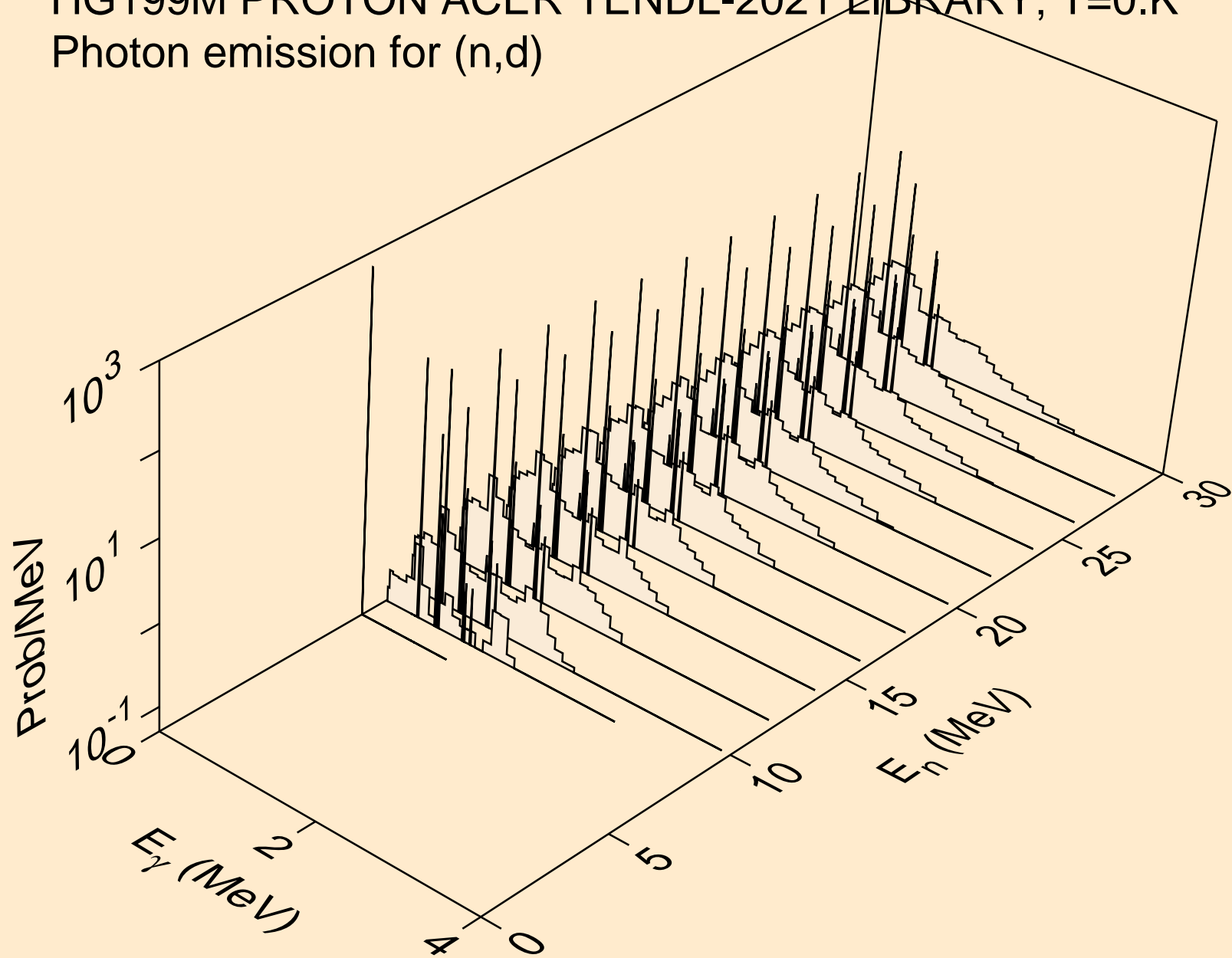
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Photon emission for (n,gma)



HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

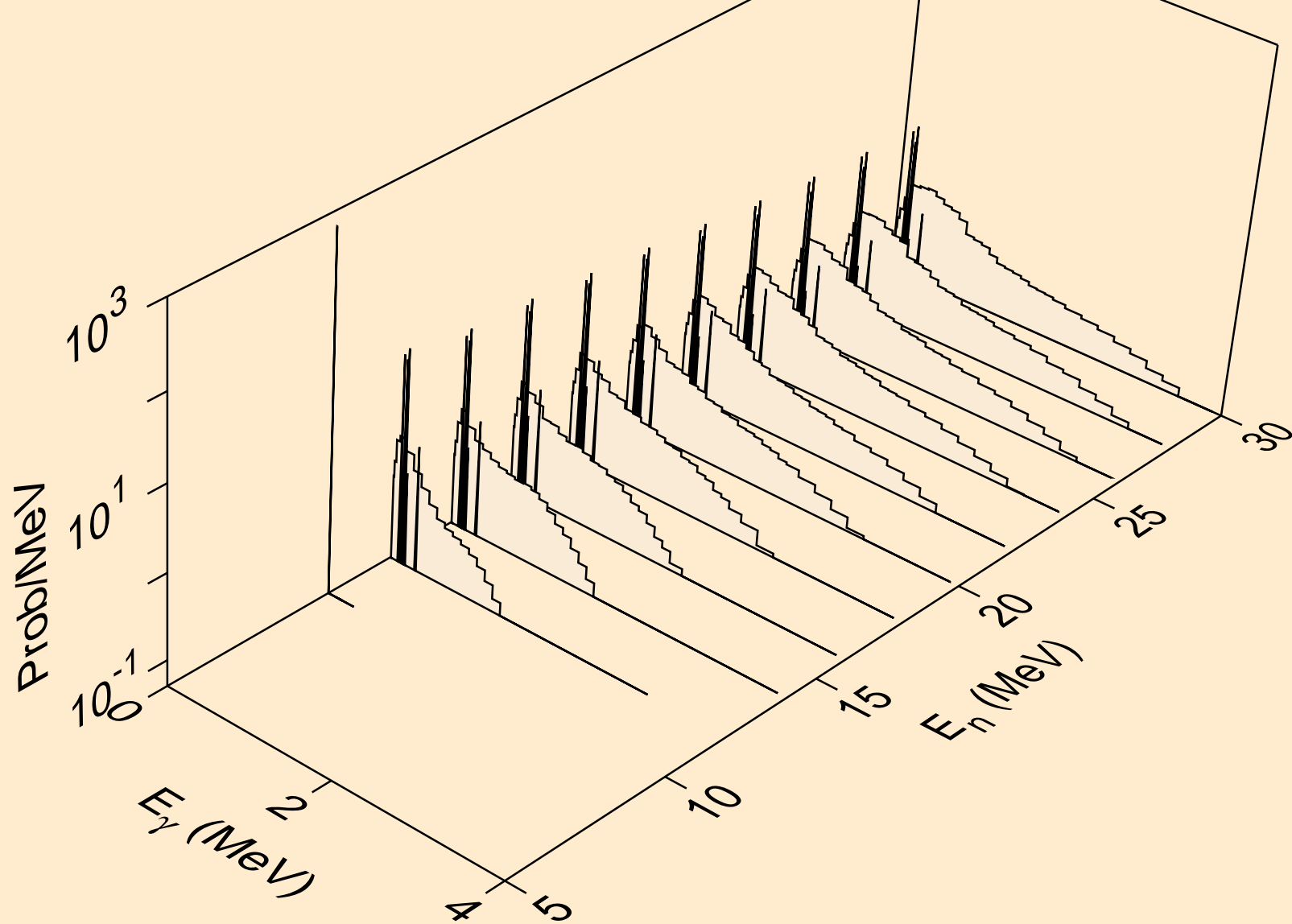


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Photon emission for (n,d)

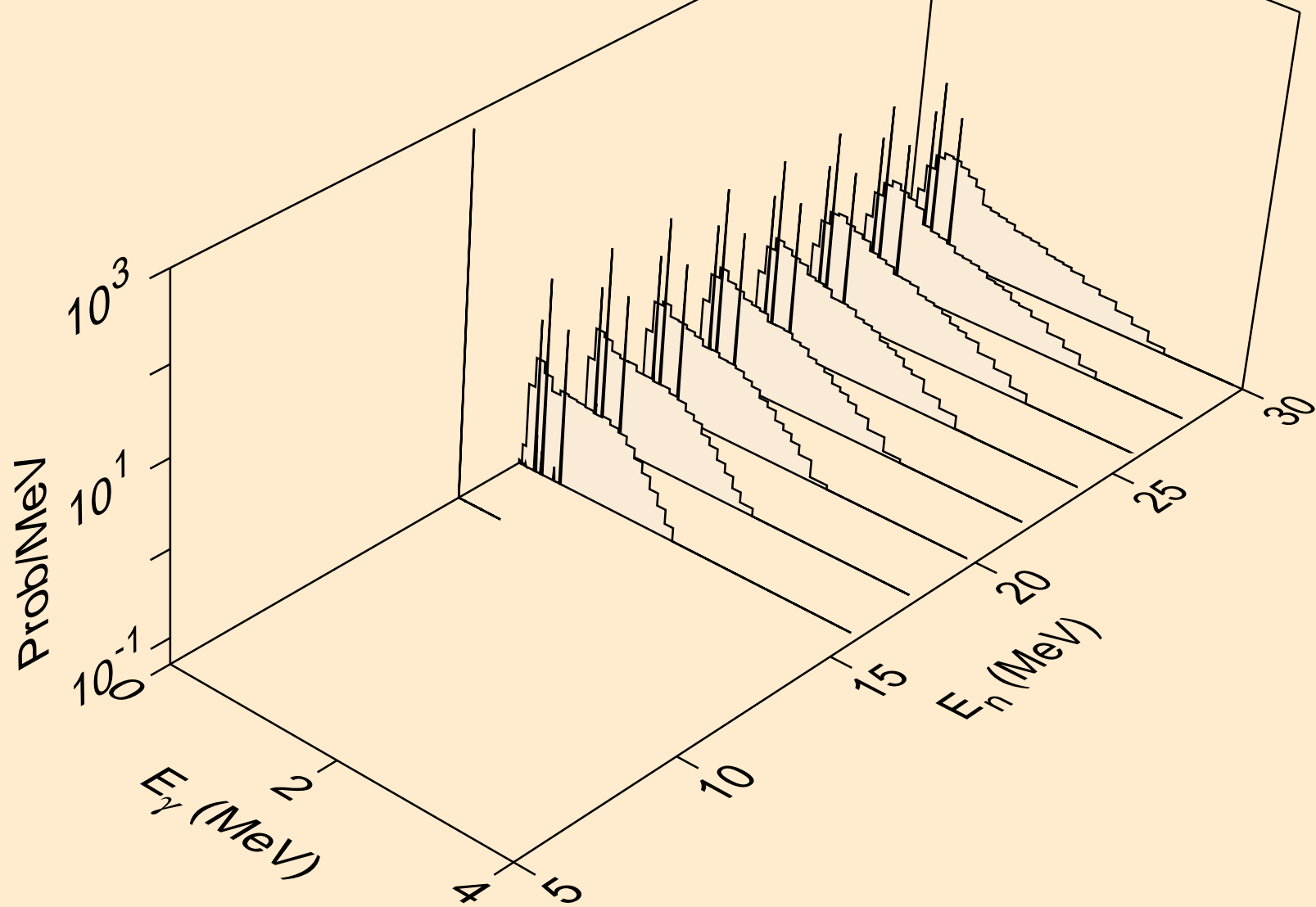




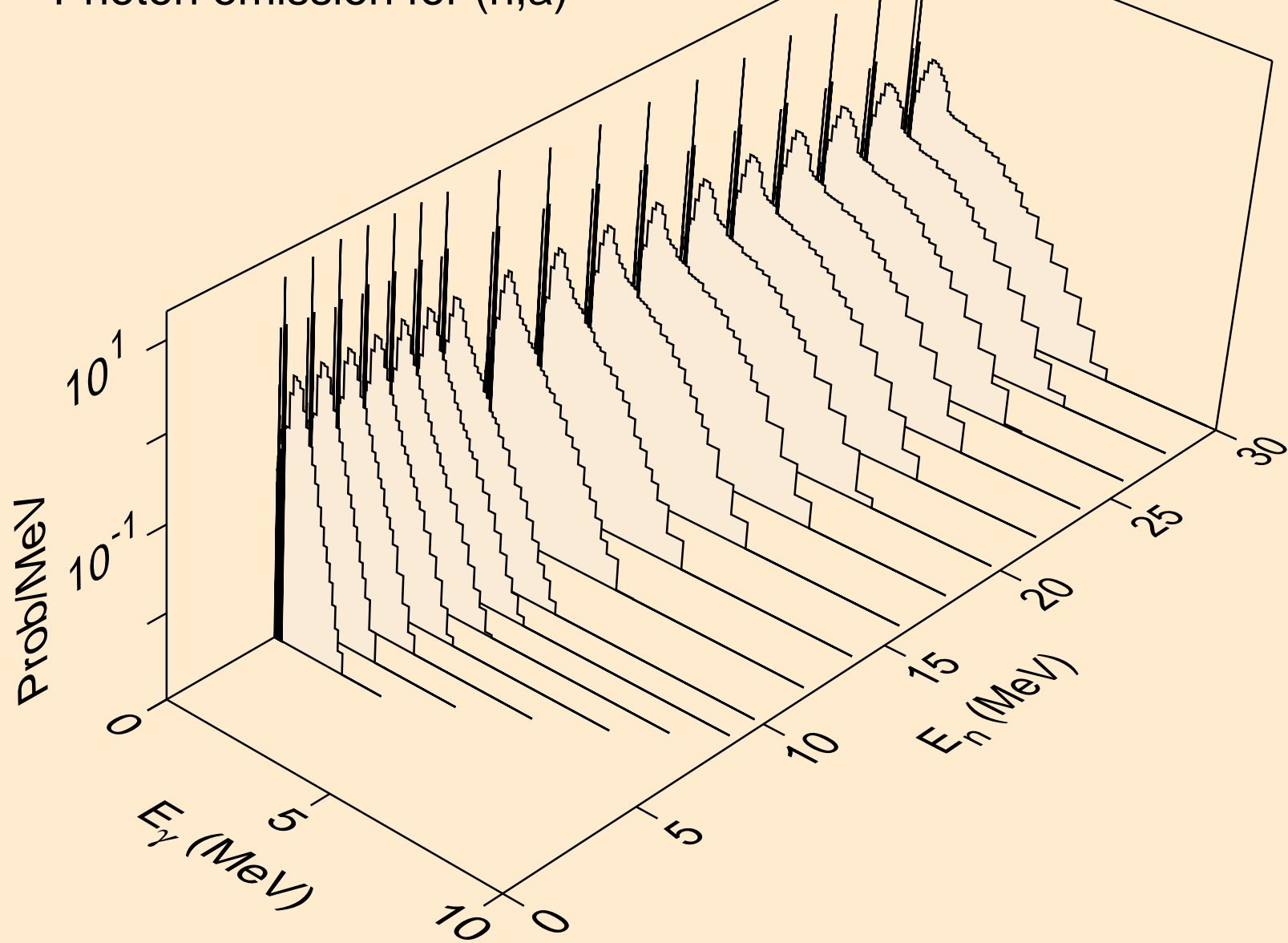
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Photon emission for (n,t)



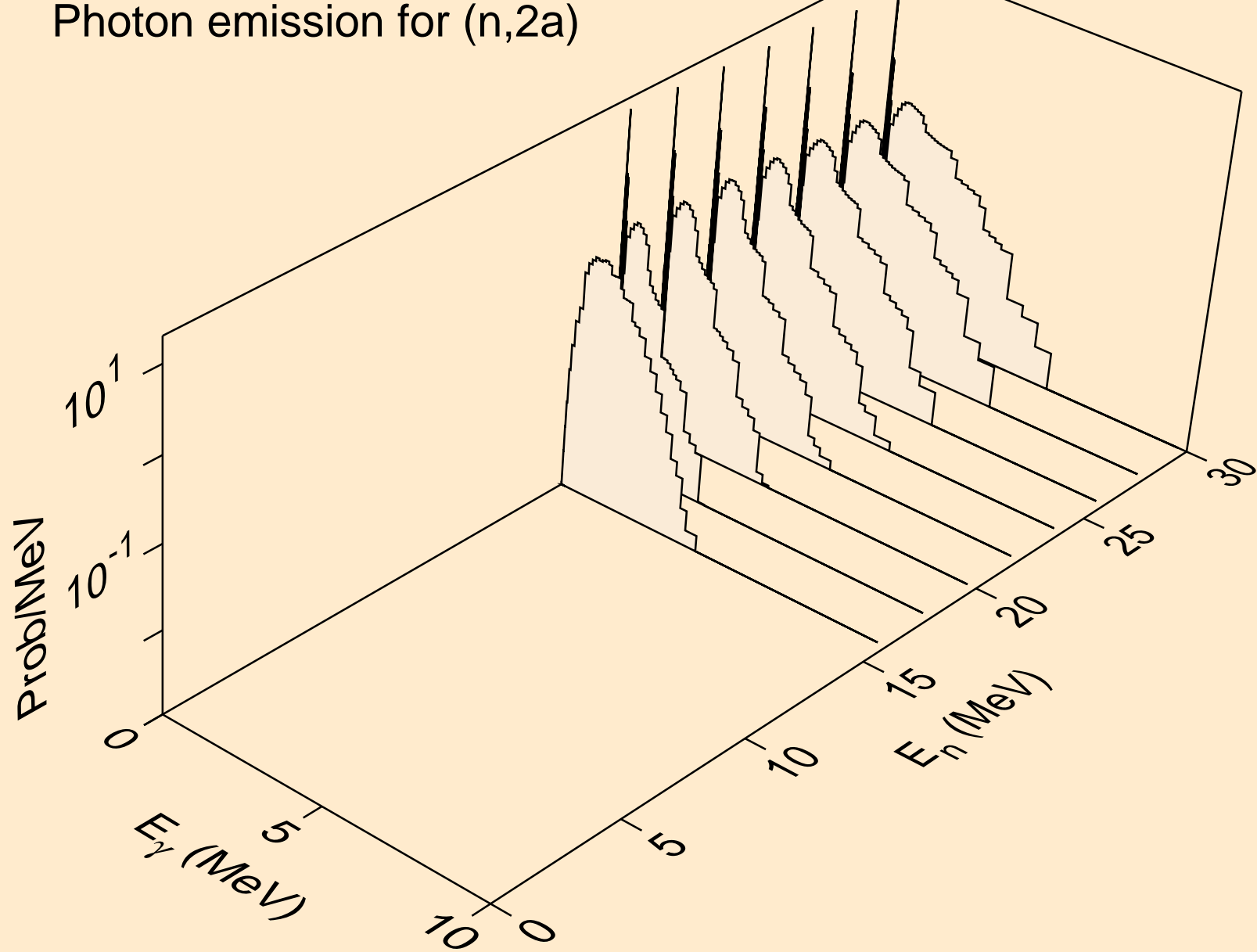
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Photon emission for (n,he3)



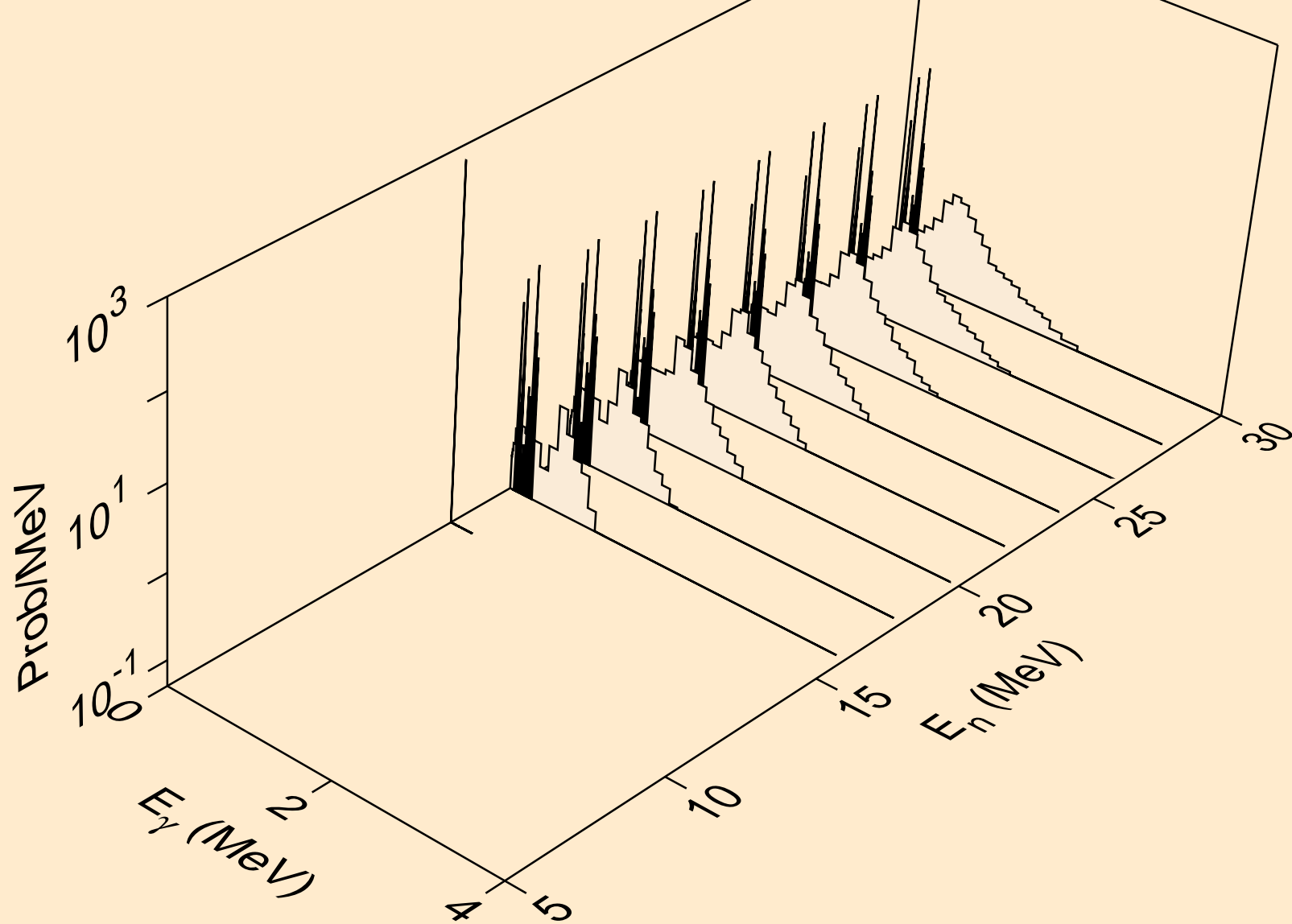
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Photon emission for (n,a)



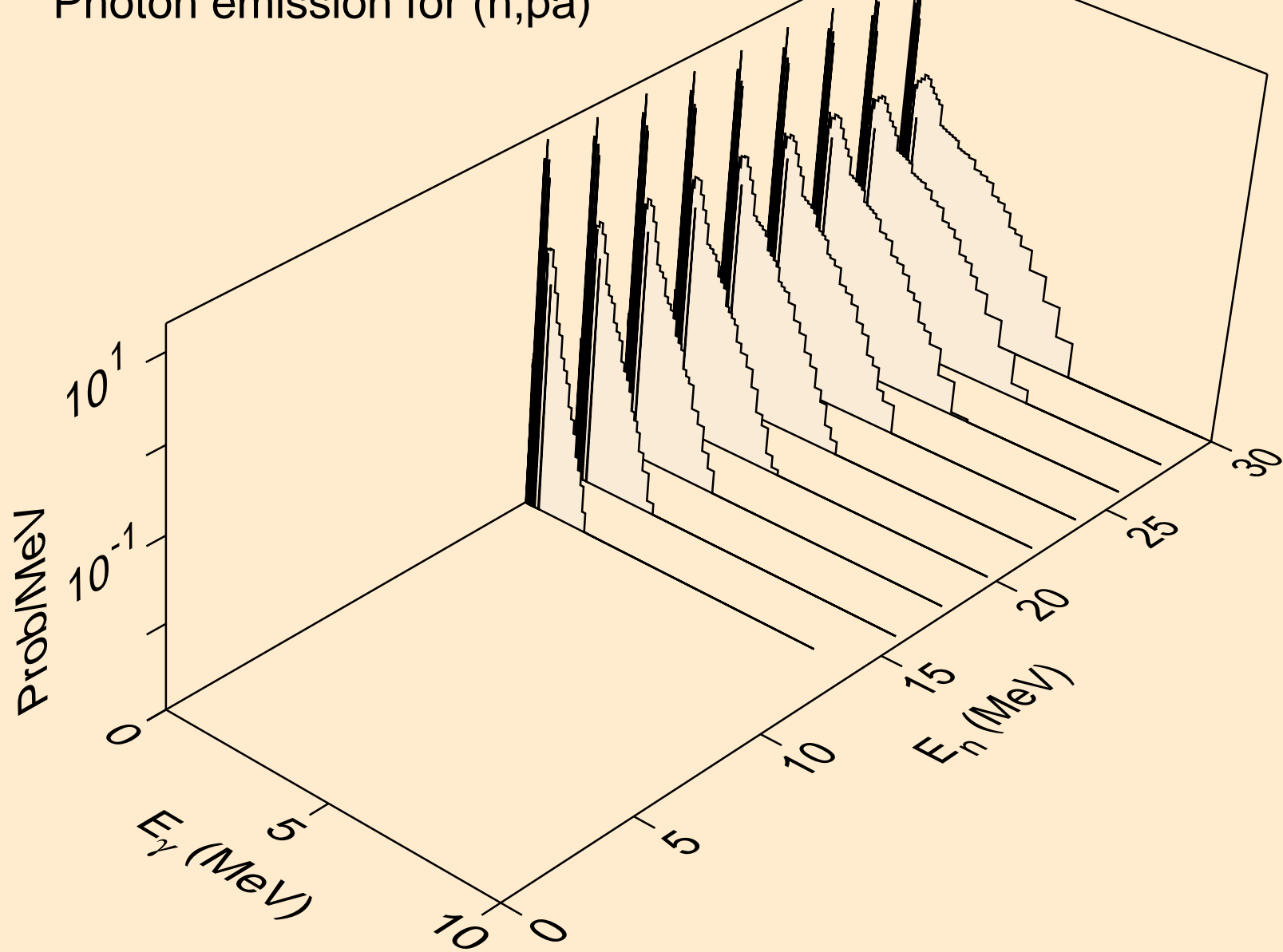
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Photon emission for (n,2a)



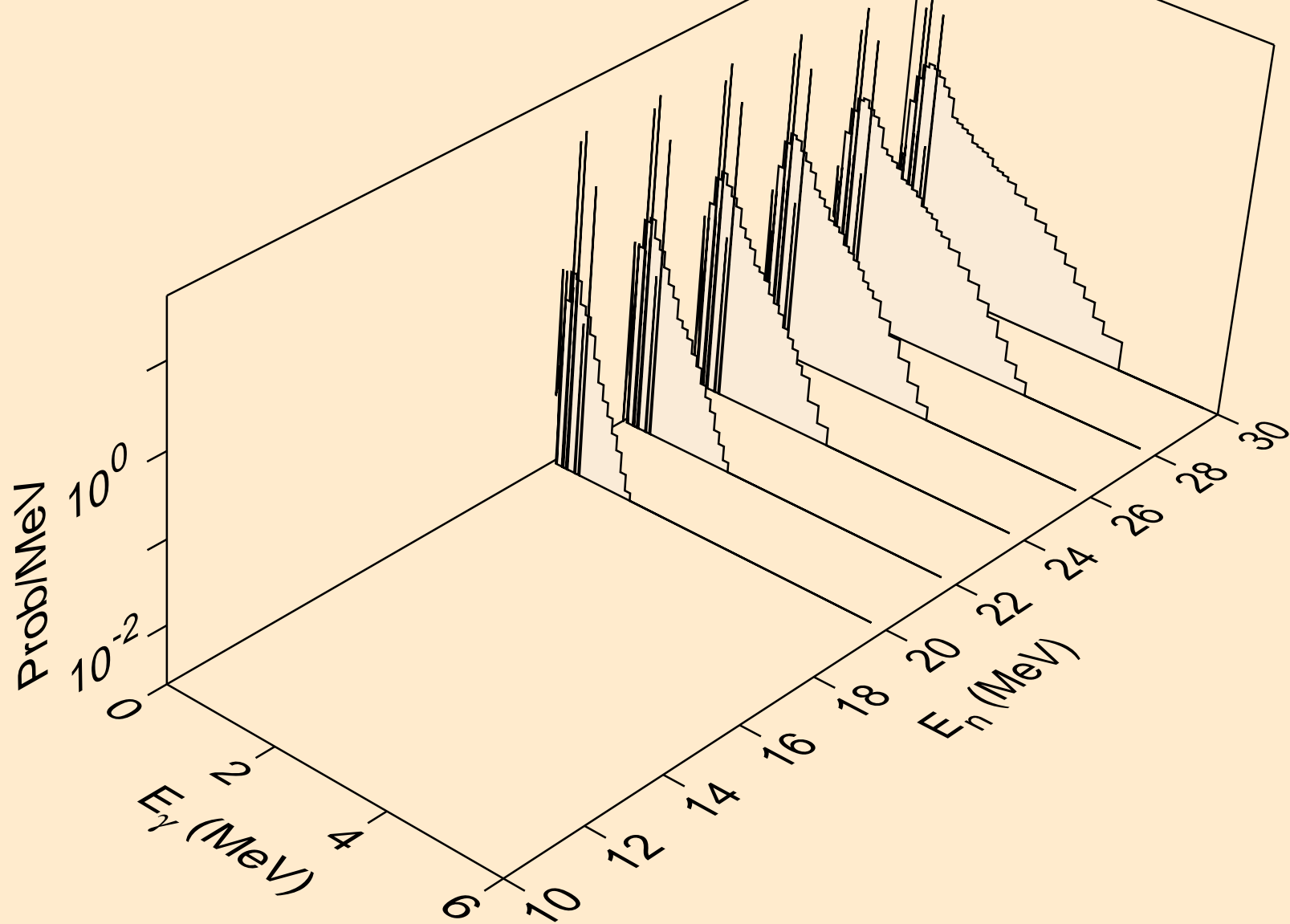
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Photon emission for (n,2p)



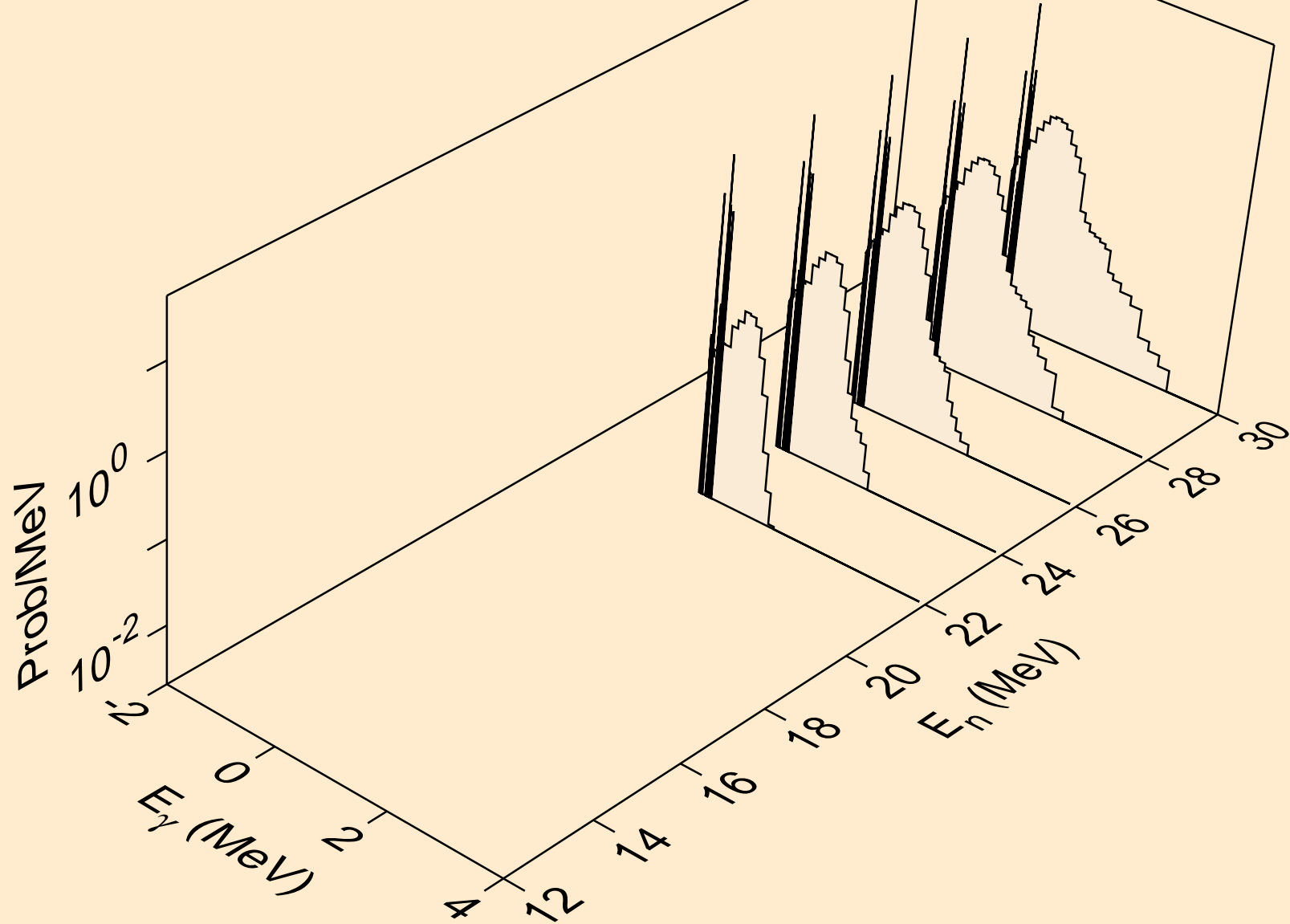
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



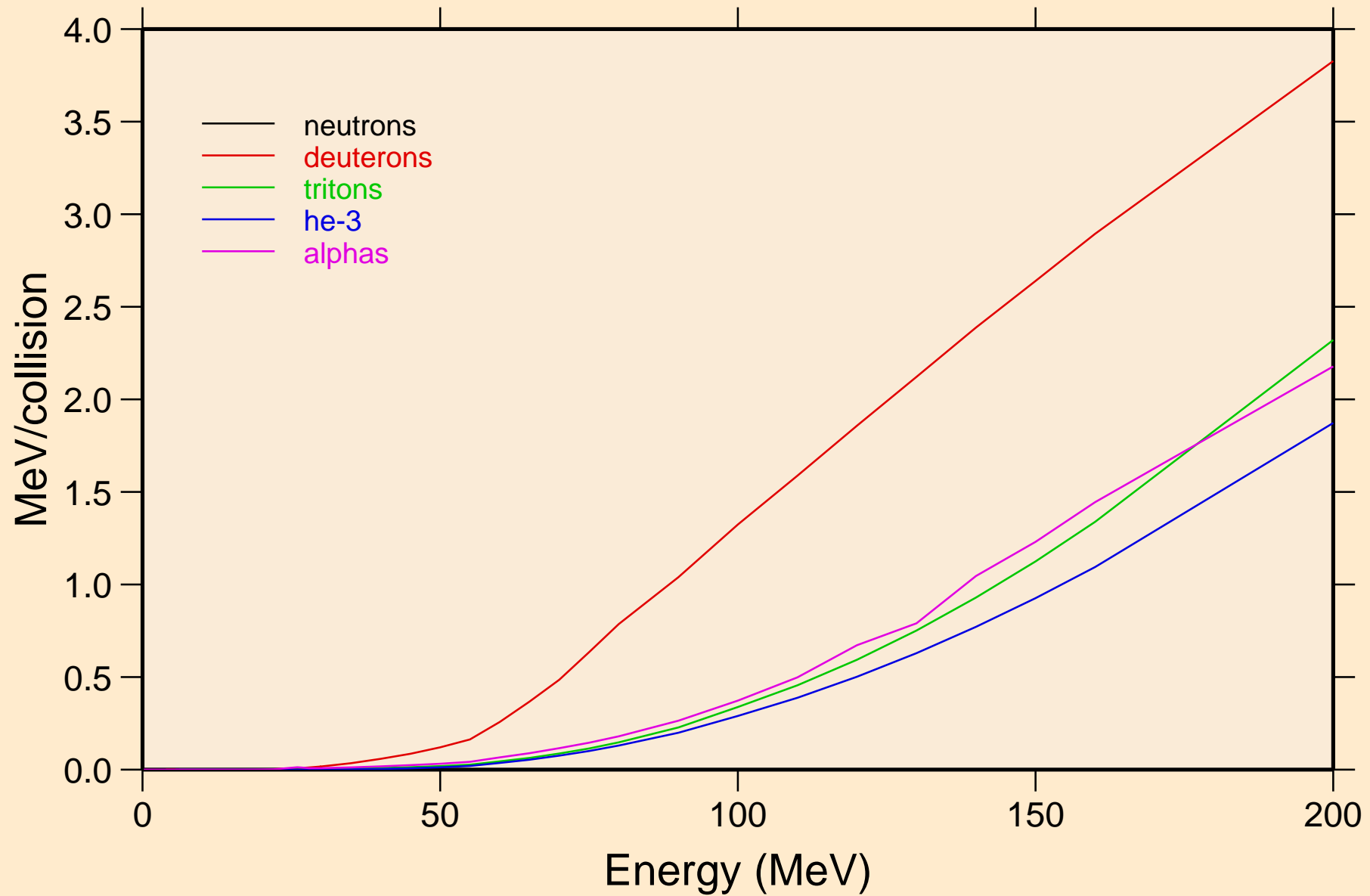
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Photon emission for (n,pt)



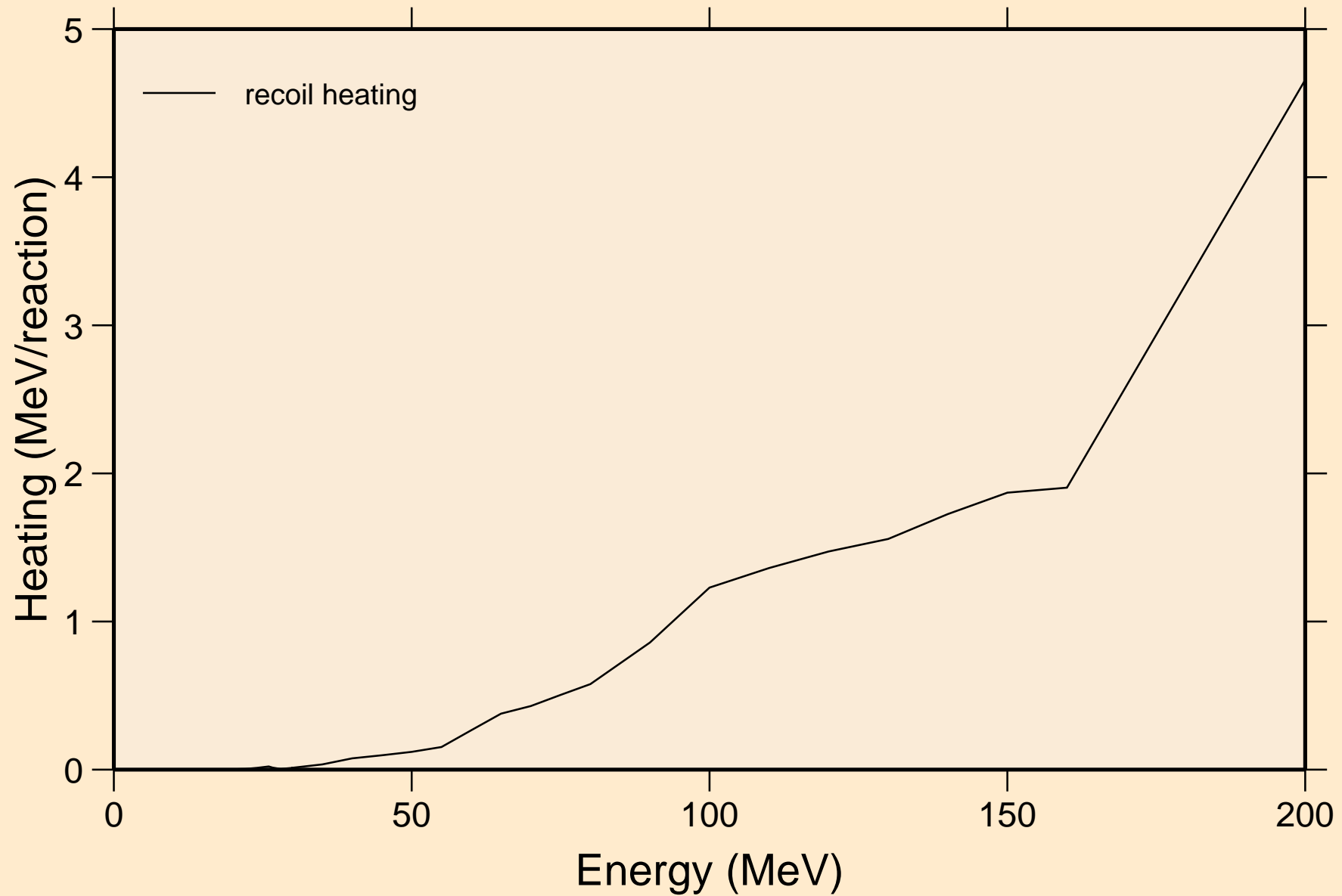


# HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K

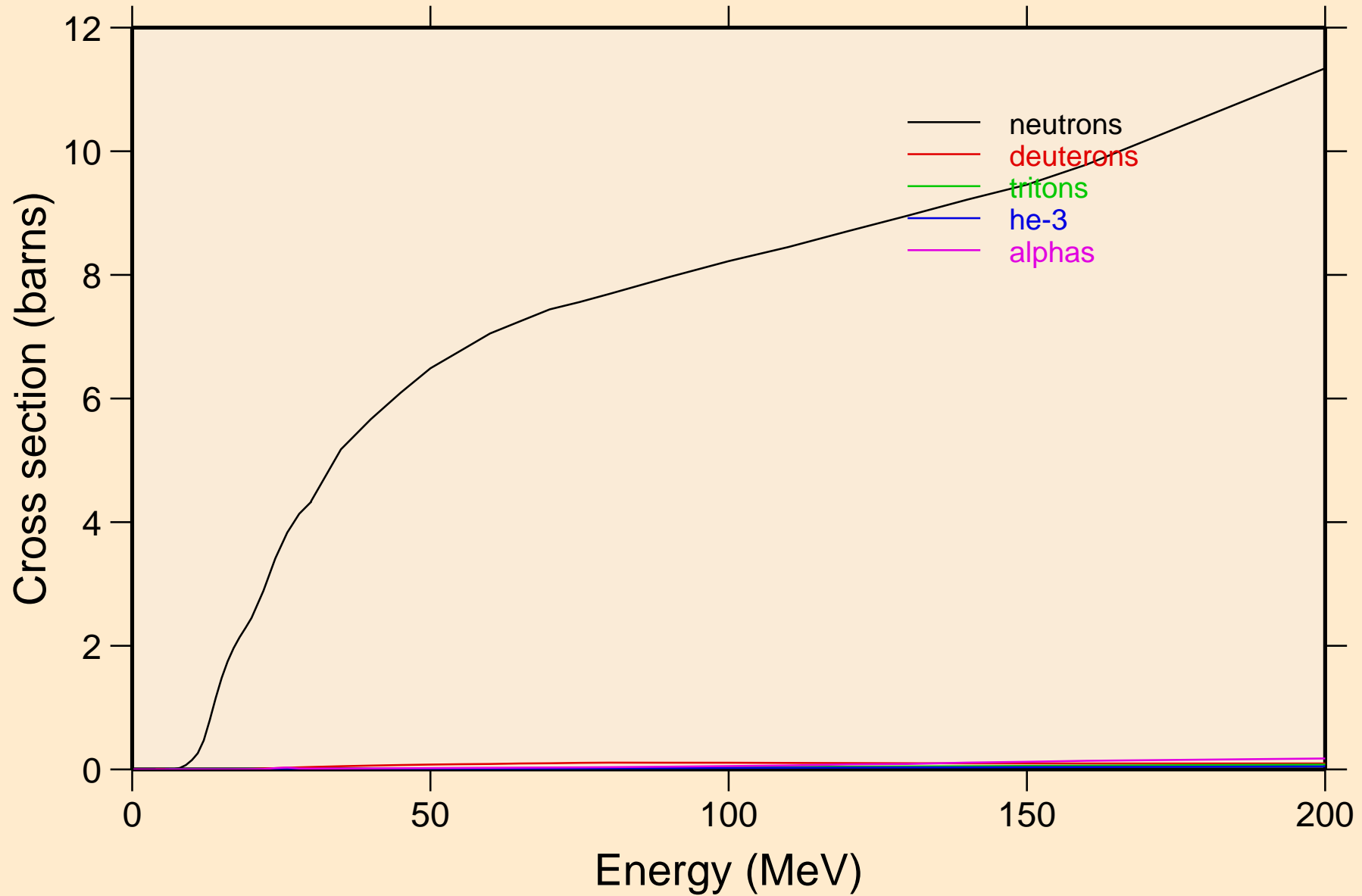
## Particle heating contributions



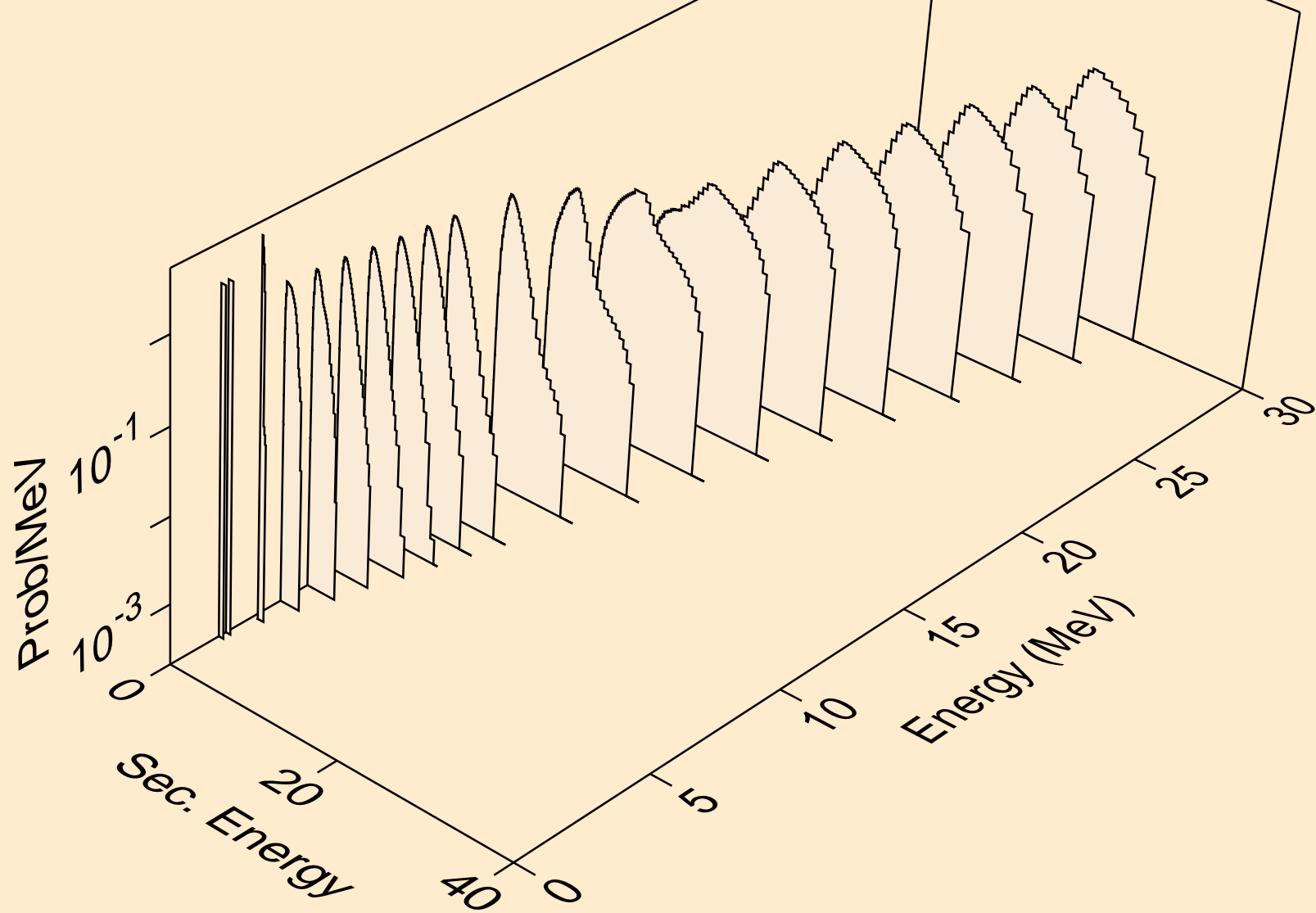
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Recoil Heating



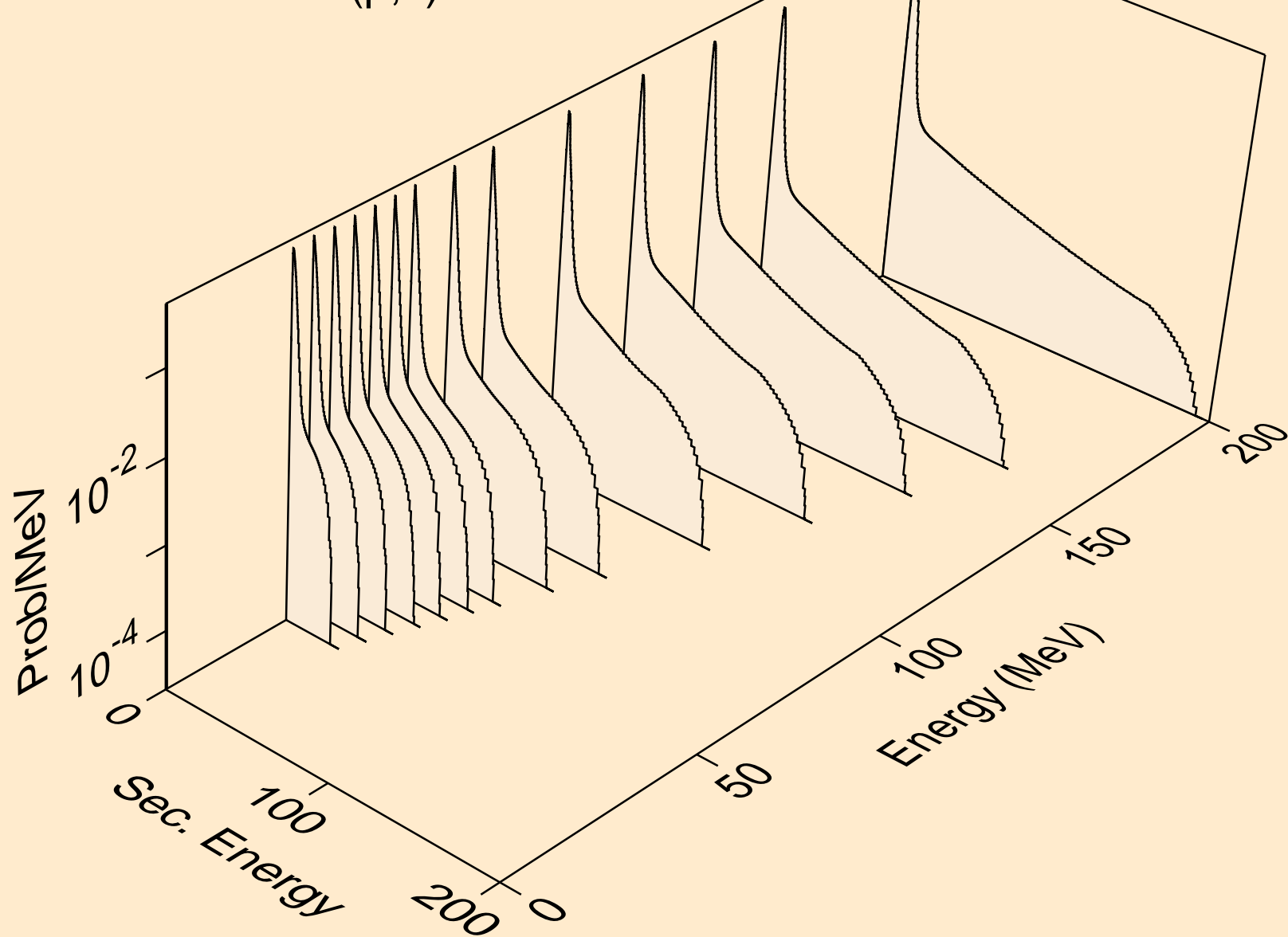
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



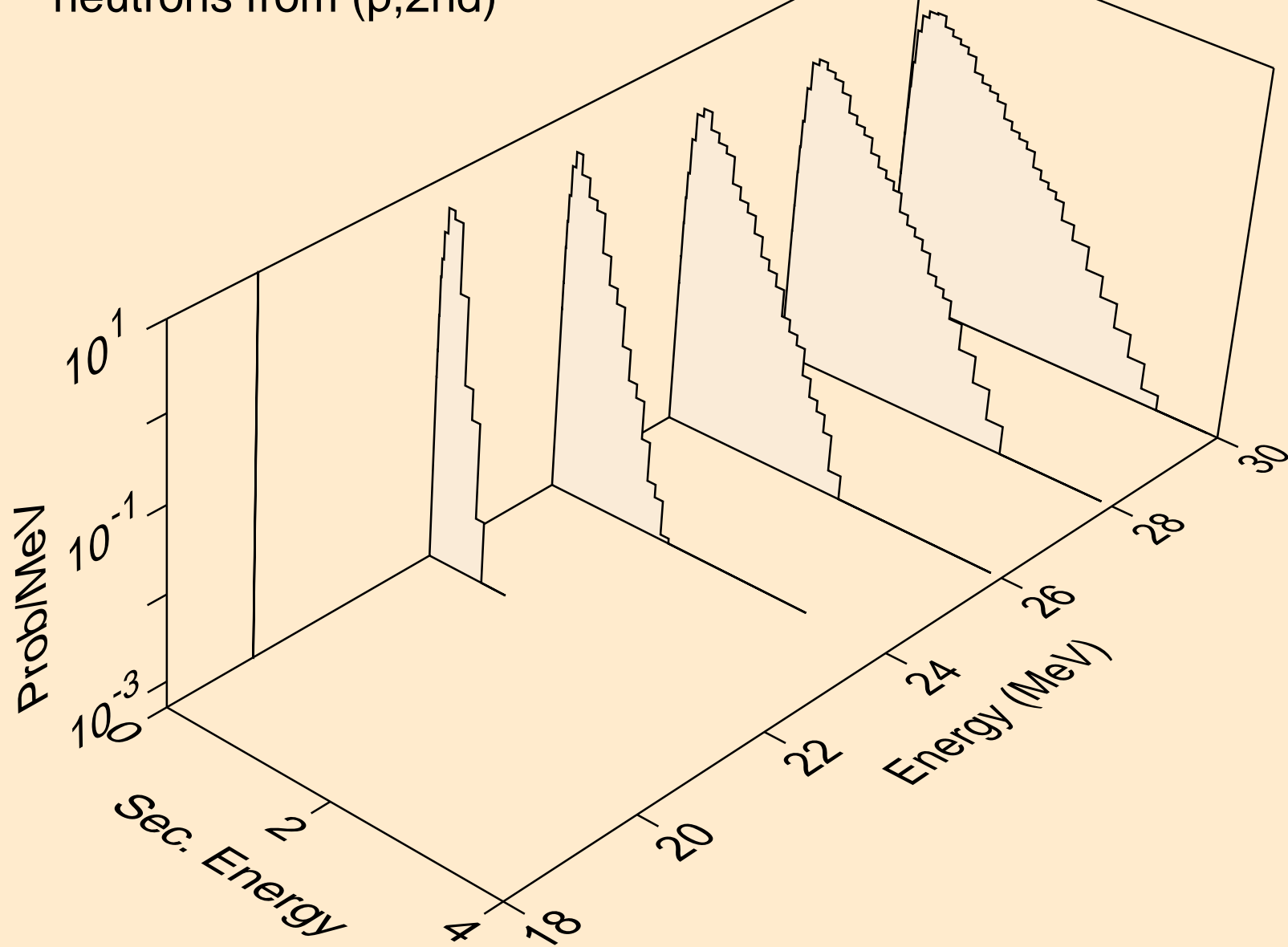
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



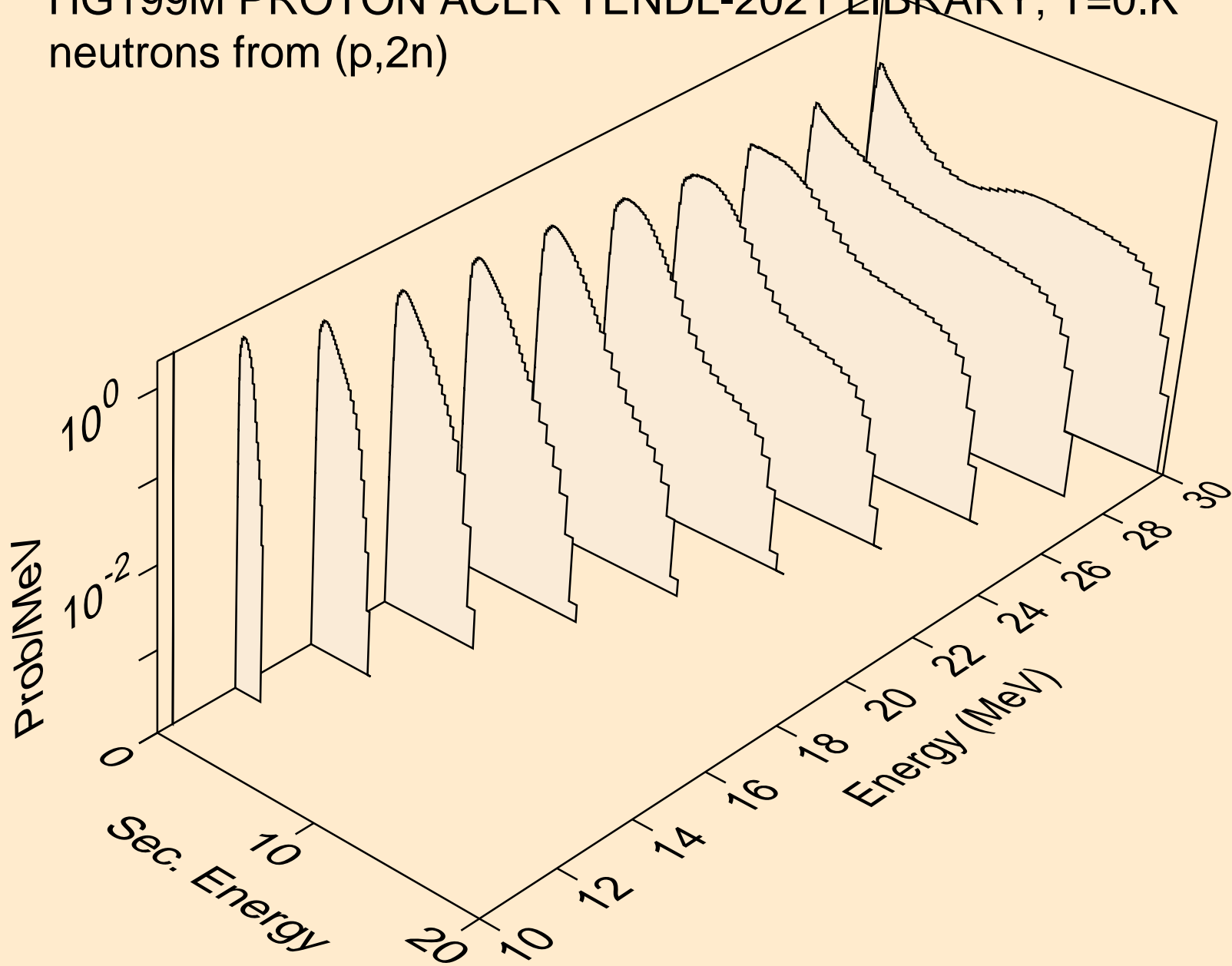
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neutrons from (p,x)



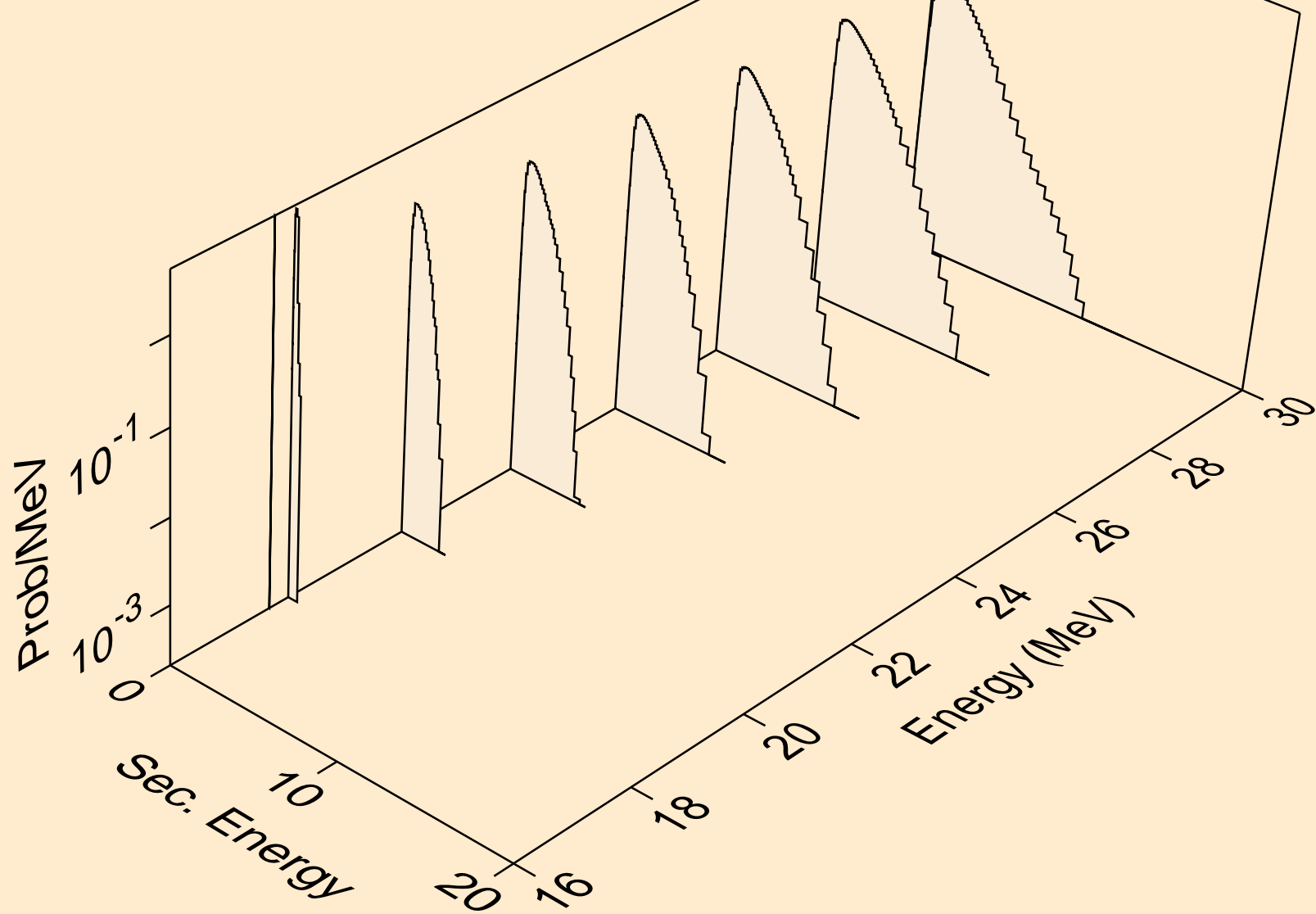
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)



HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

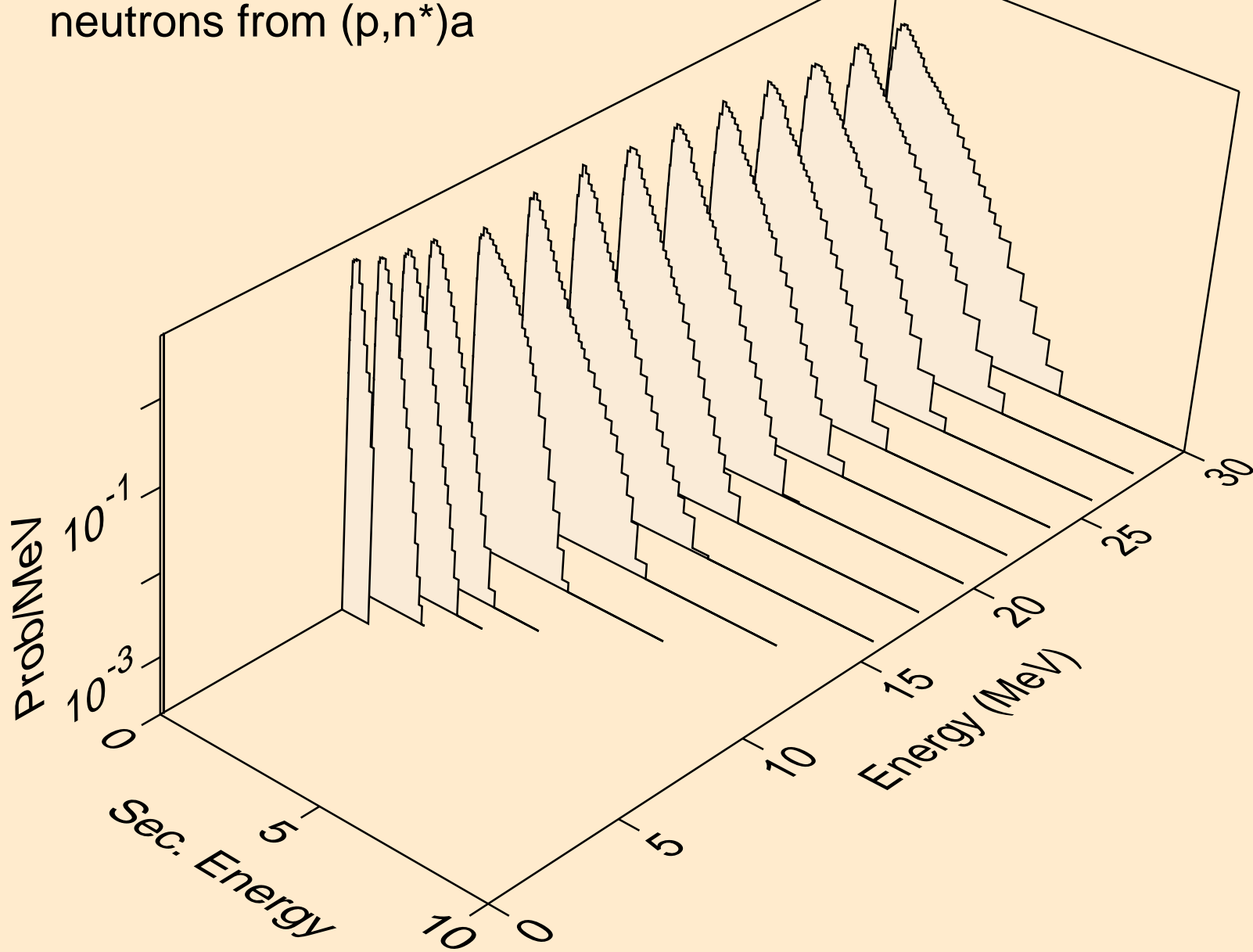


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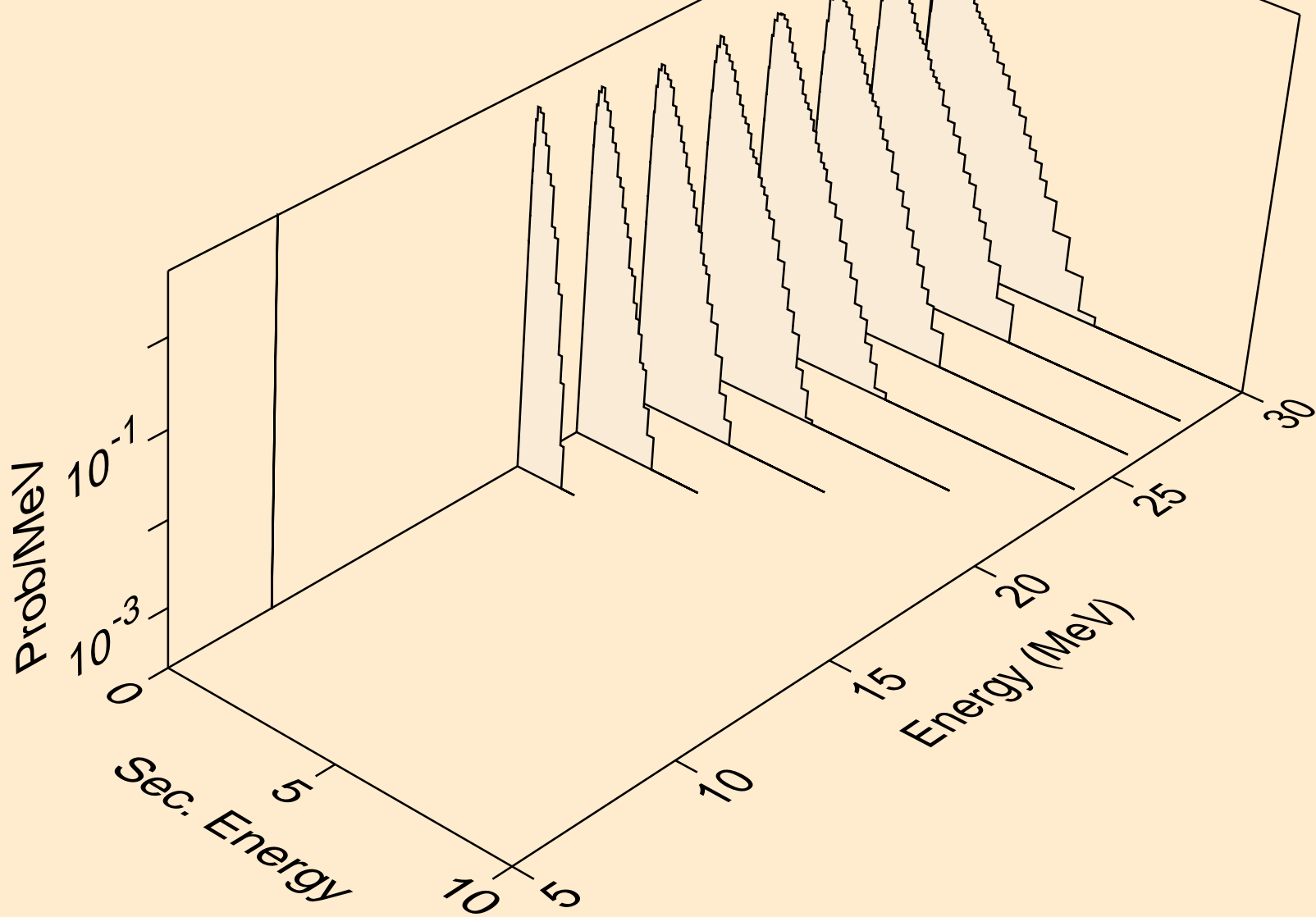




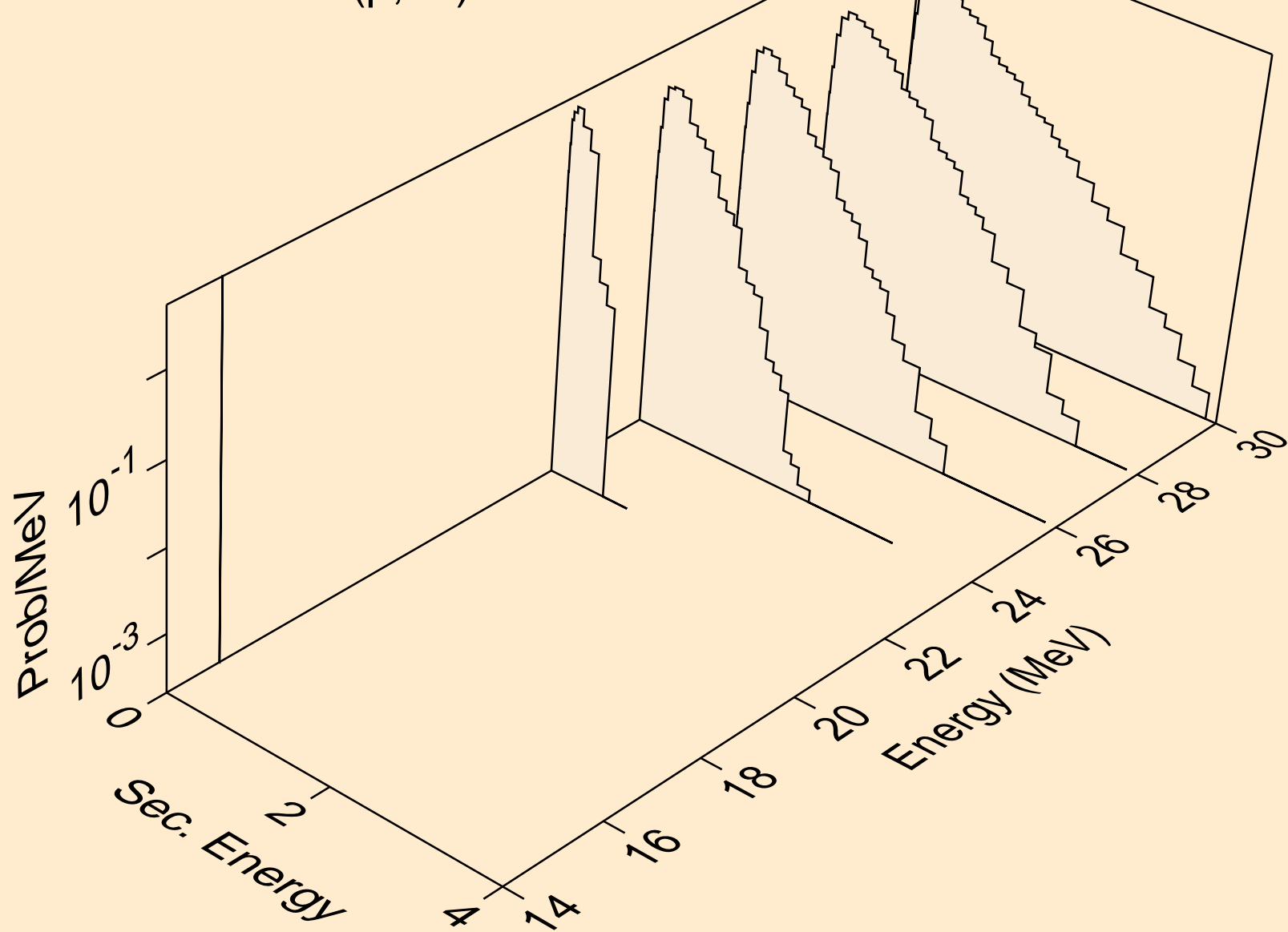
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



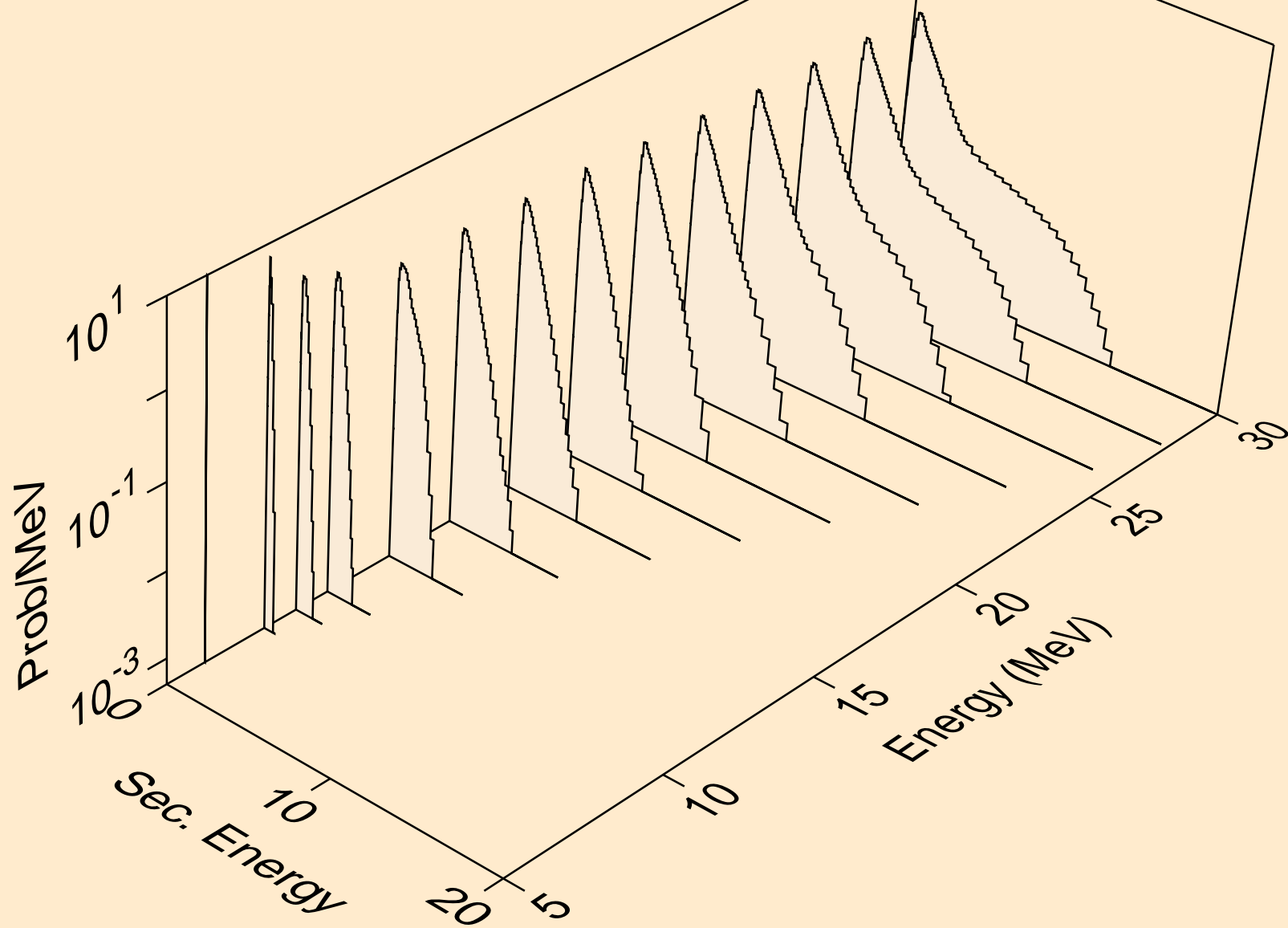
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neutrons from (p,2n)a



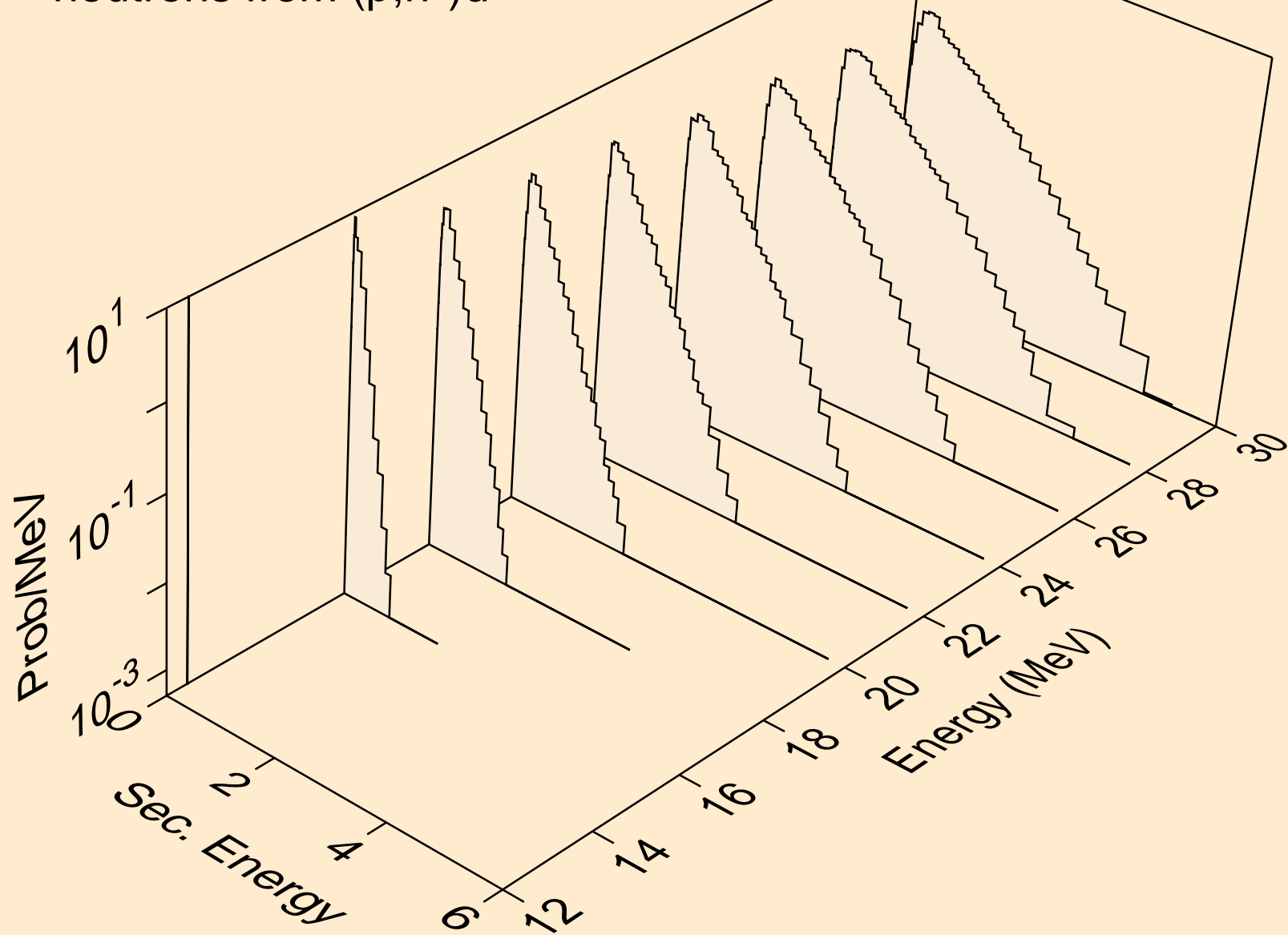
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neutrons from (p,3n)a



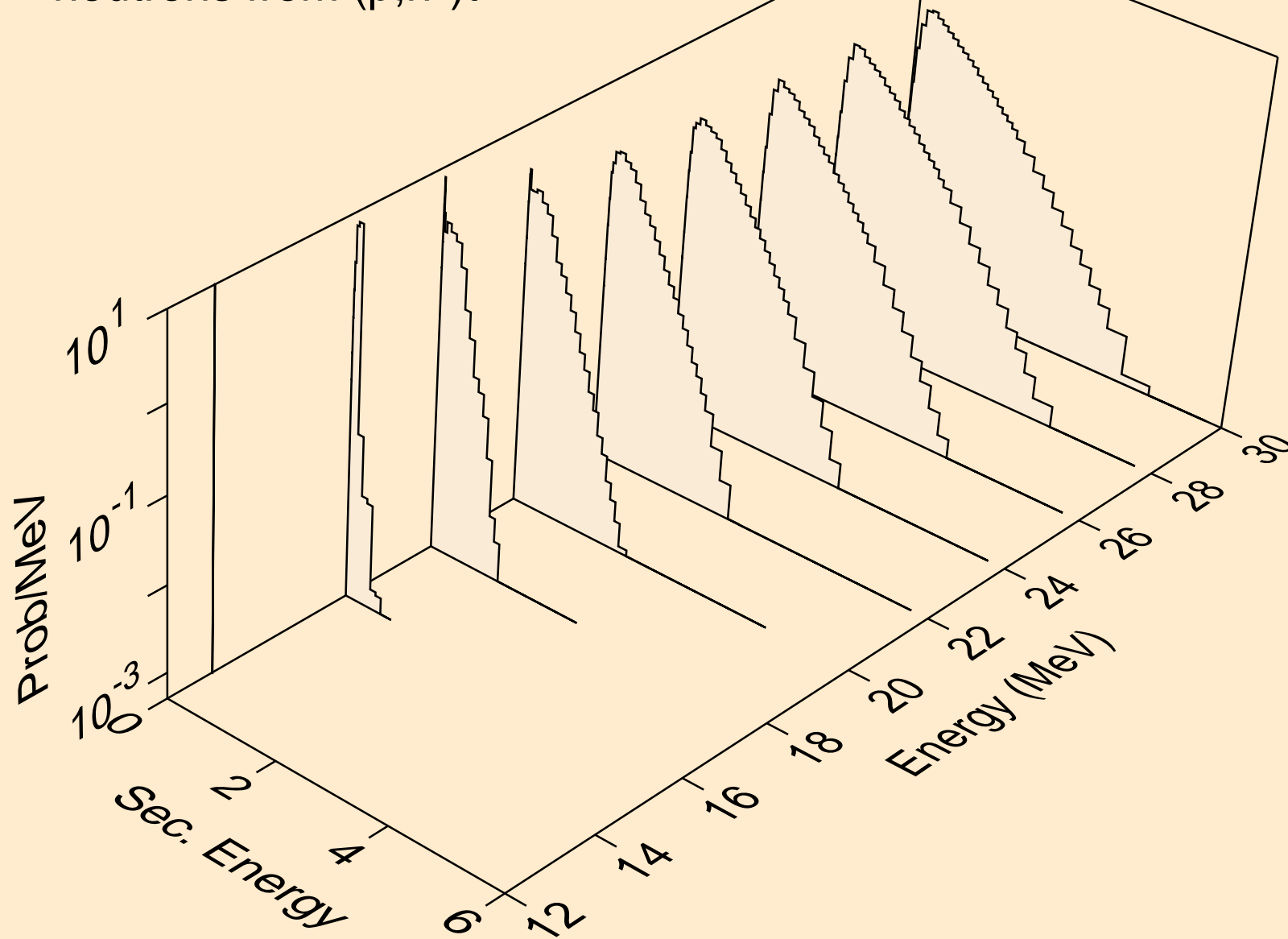
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neutrons from (p,n\*)p



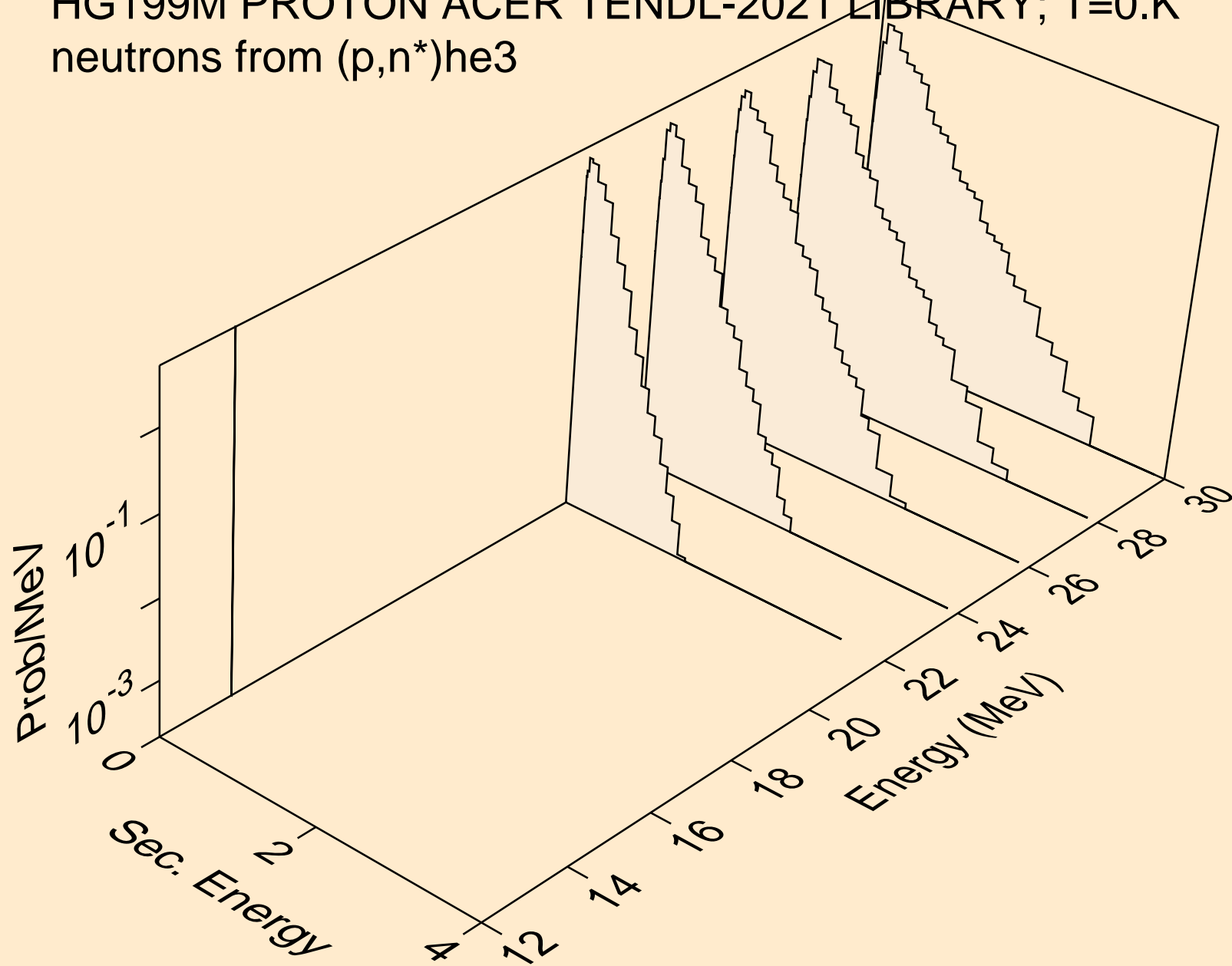
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neutrons from (p,n\*)d



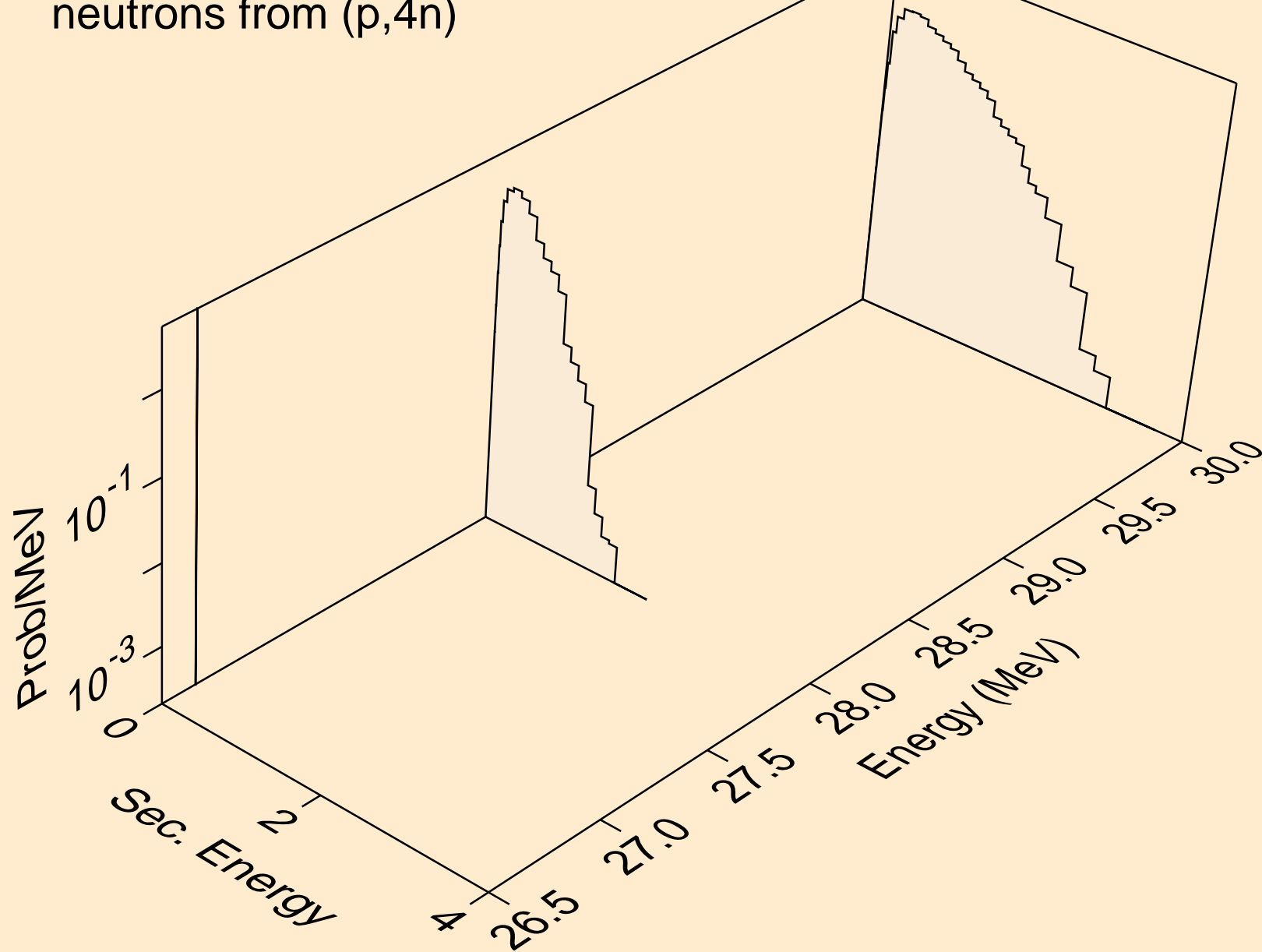
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

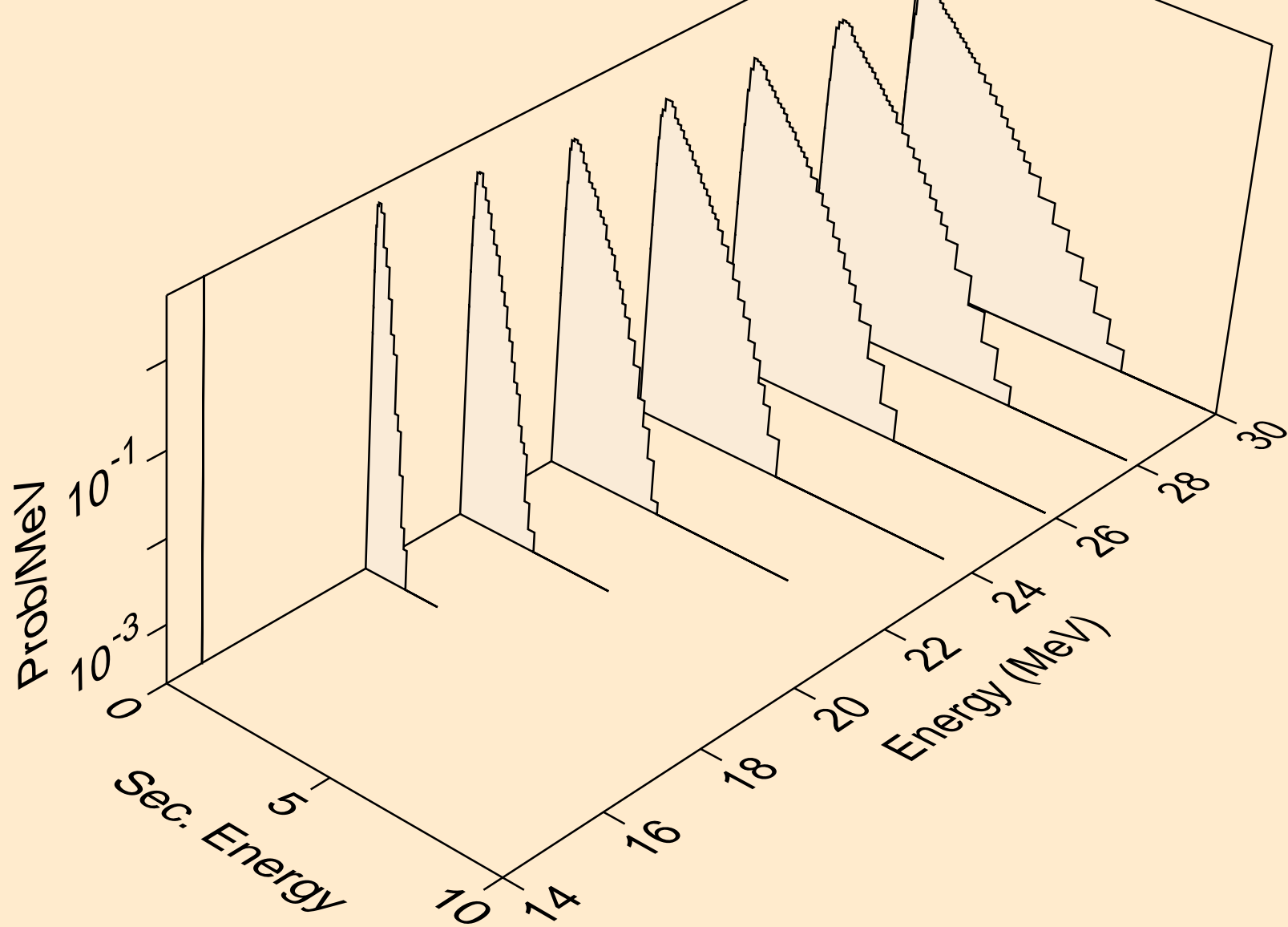


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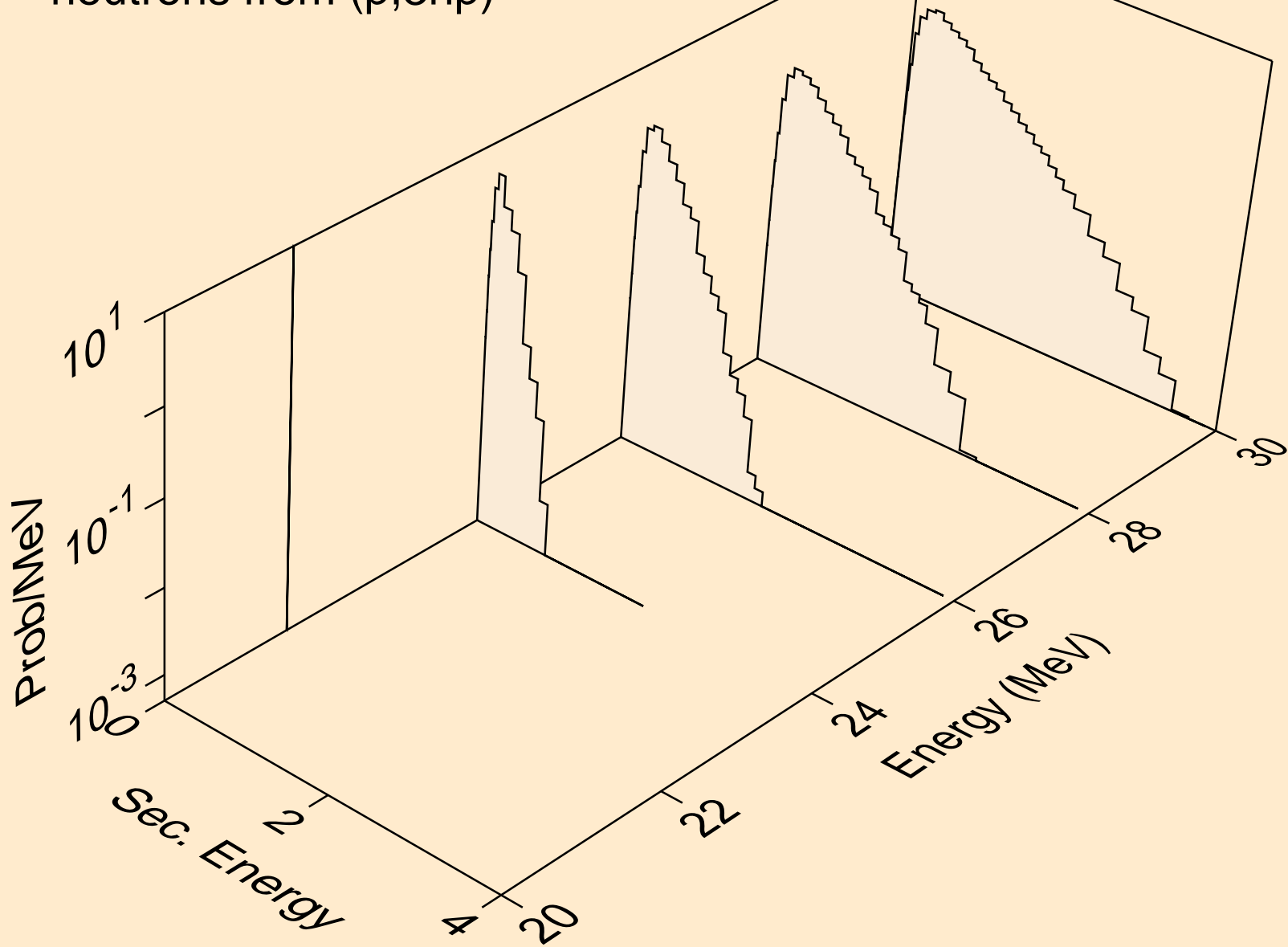




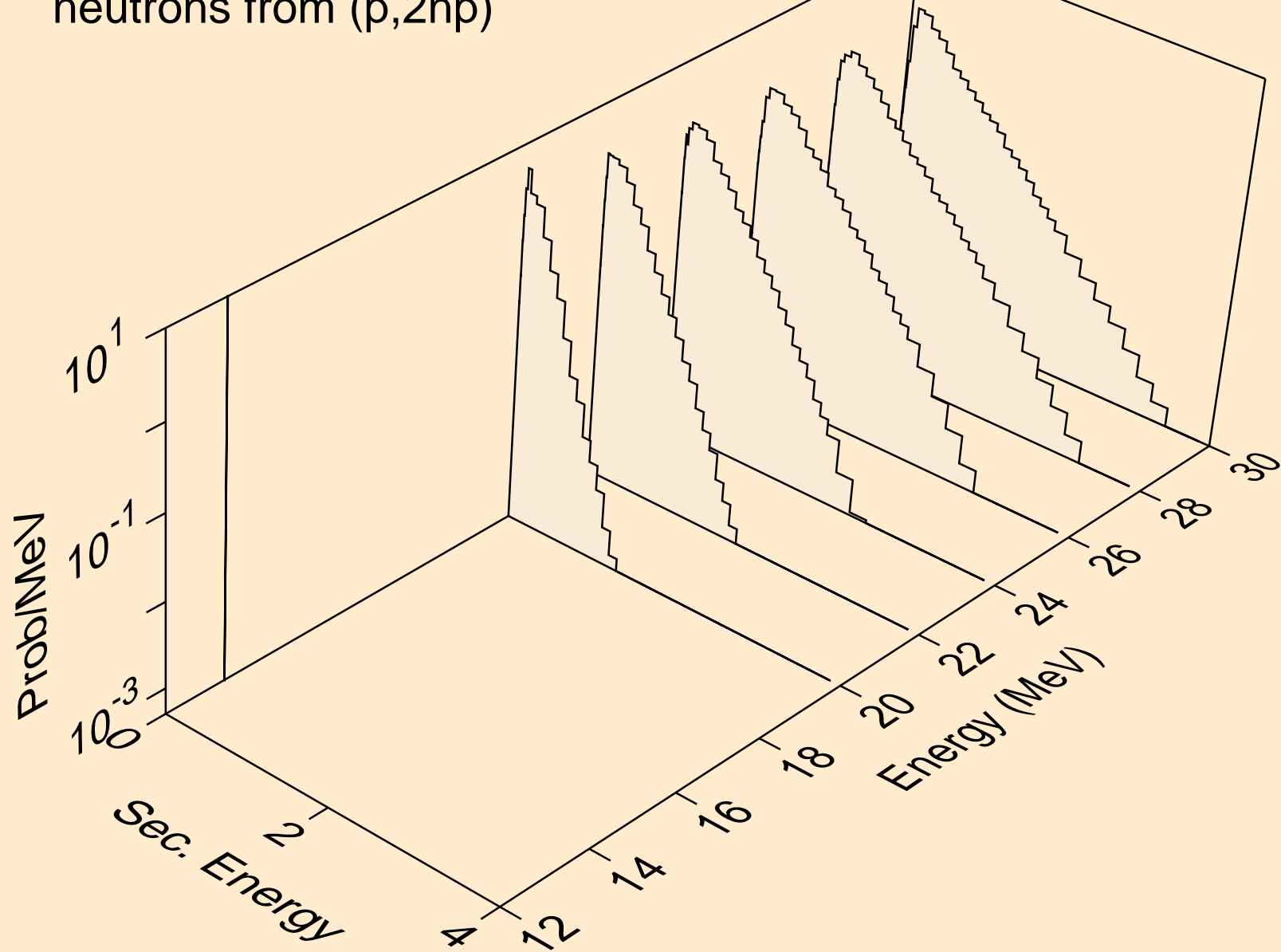
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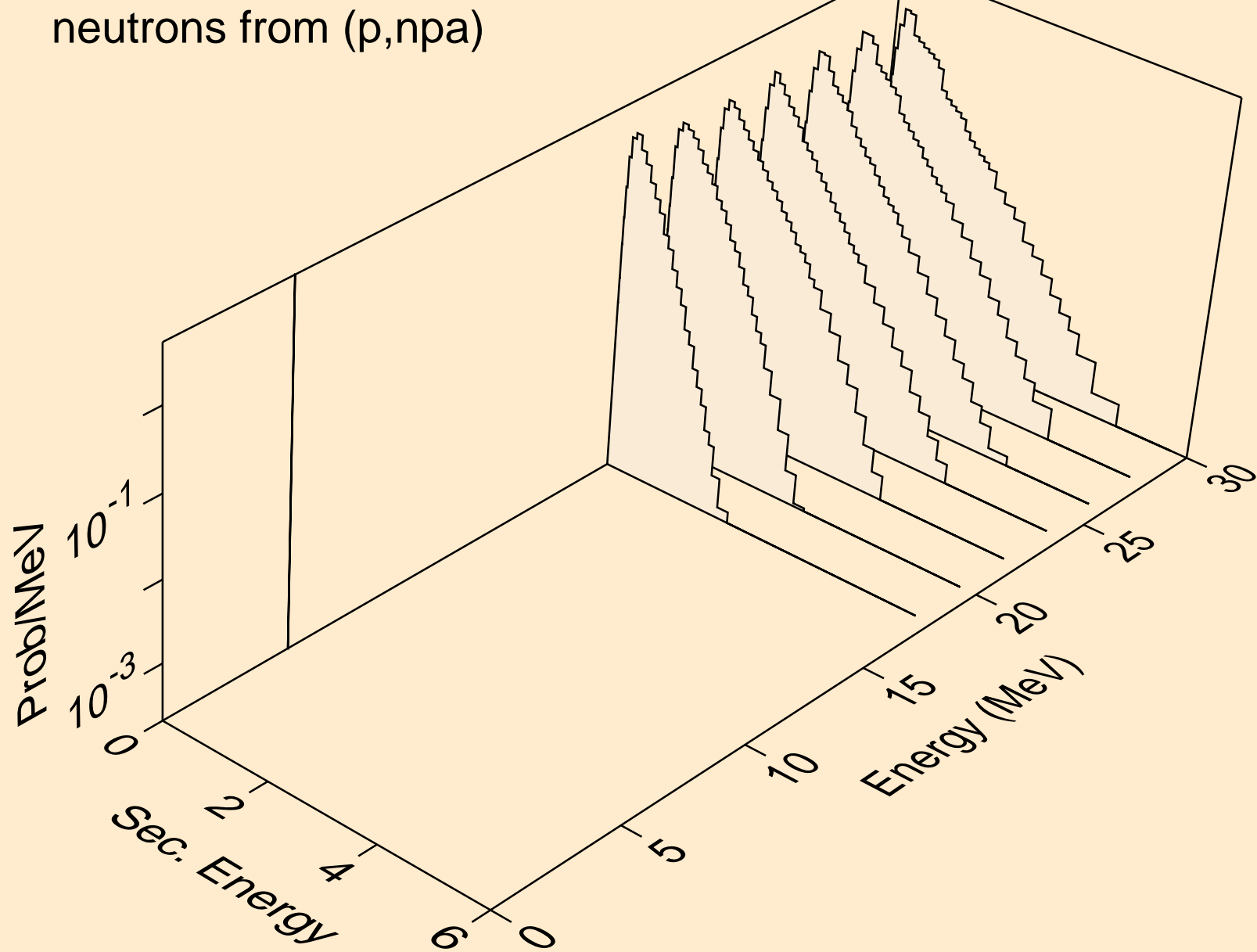
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neutrons from (p,3np)



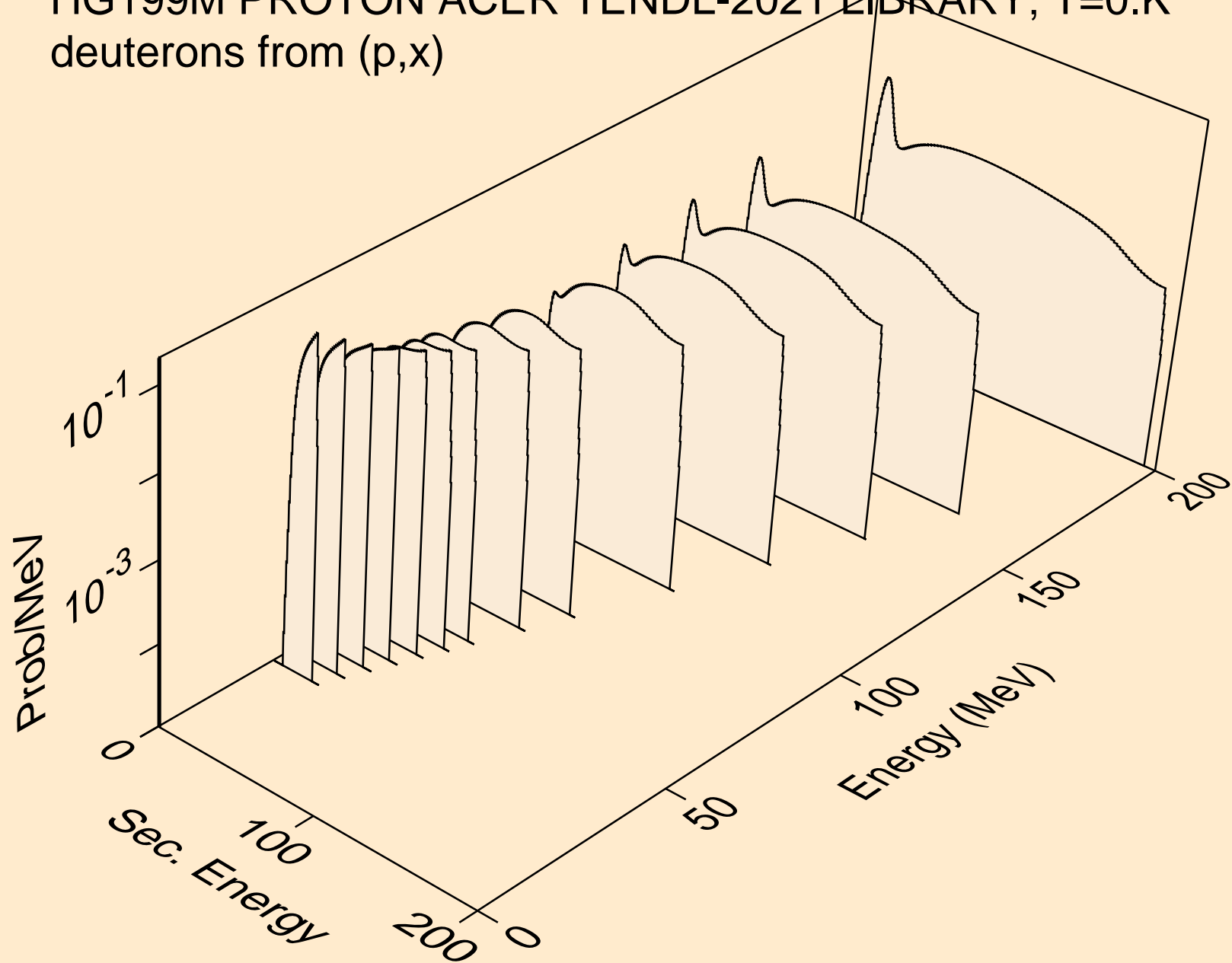
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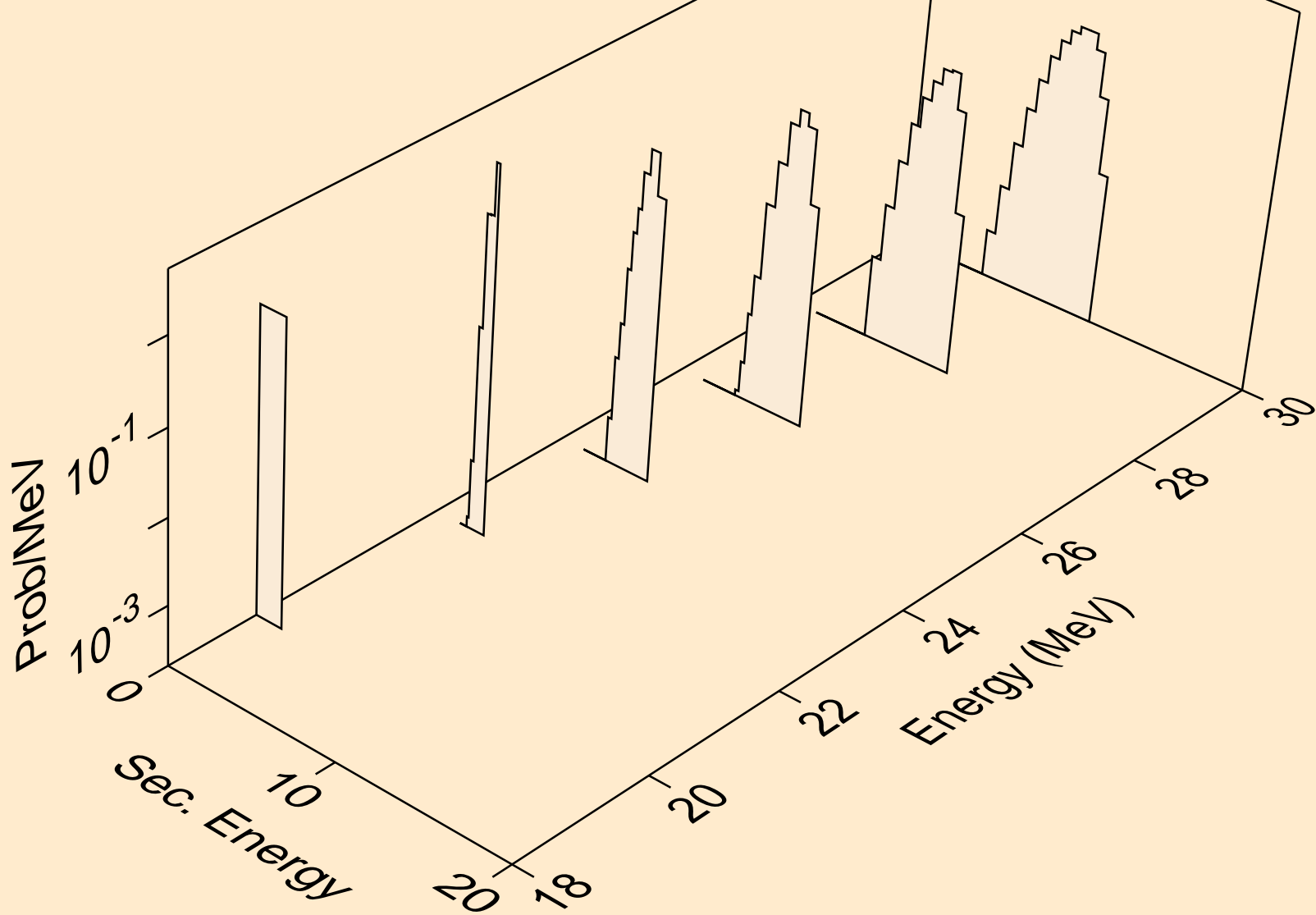
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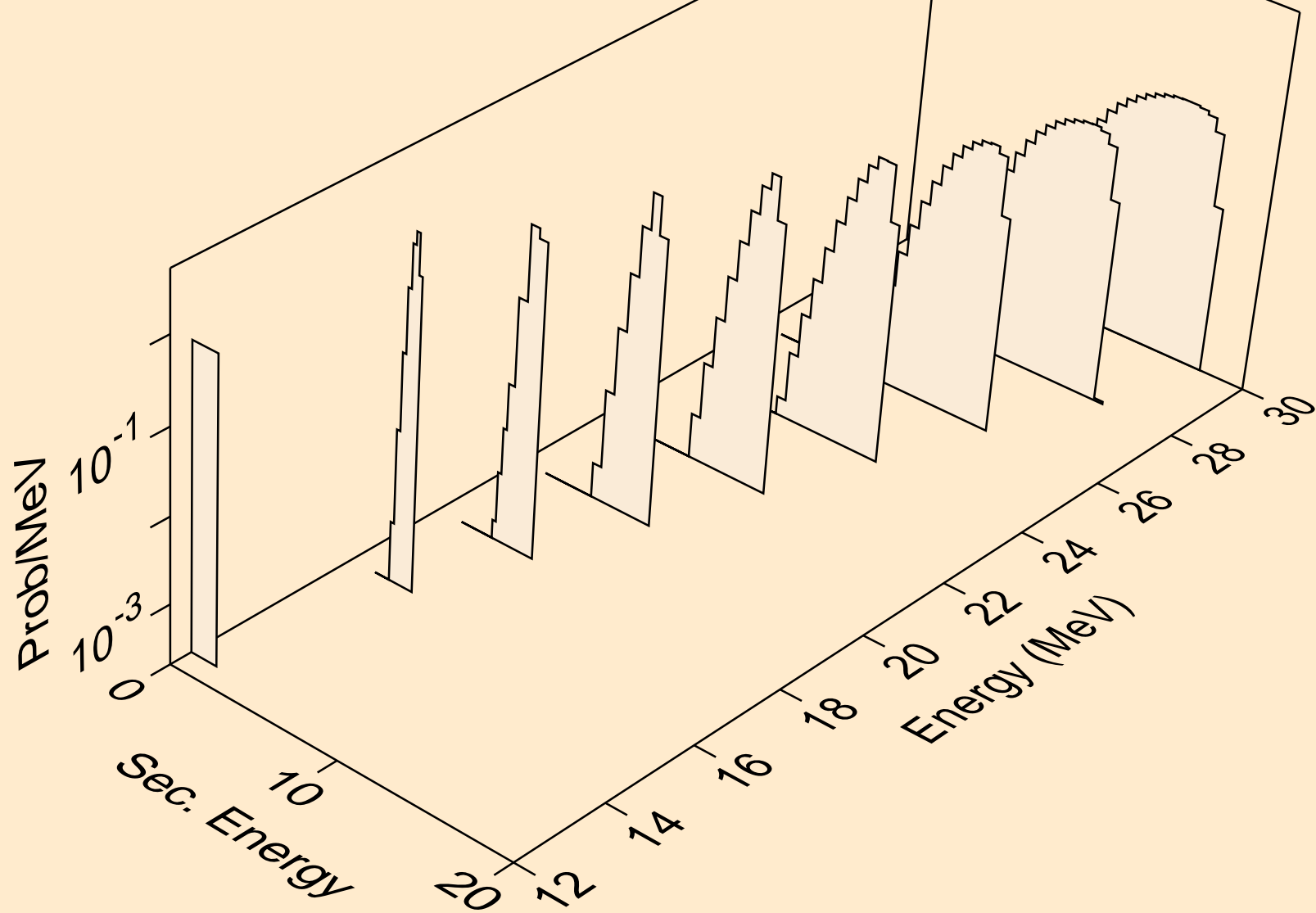
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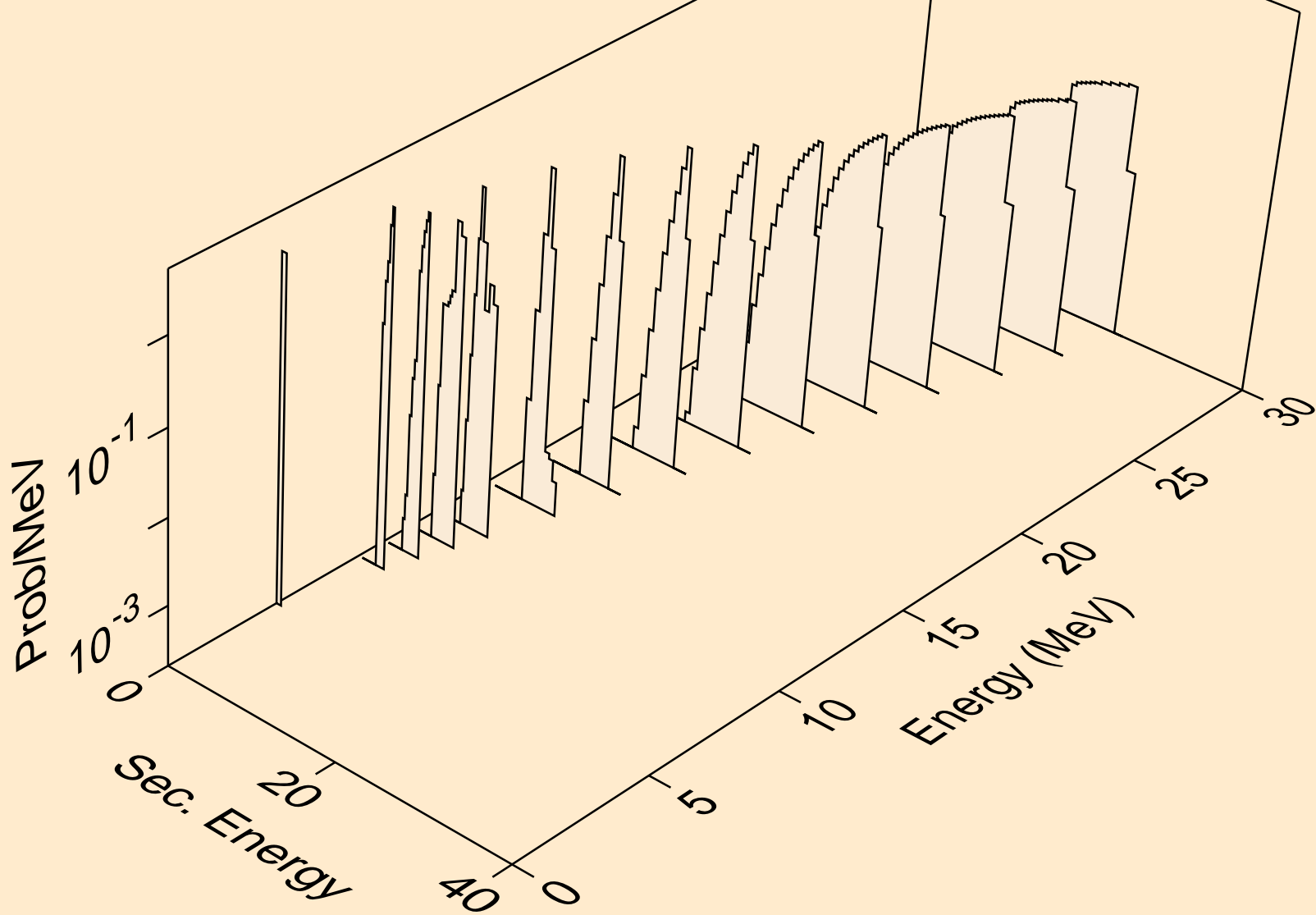
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deuterons from (p,2nd)



HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
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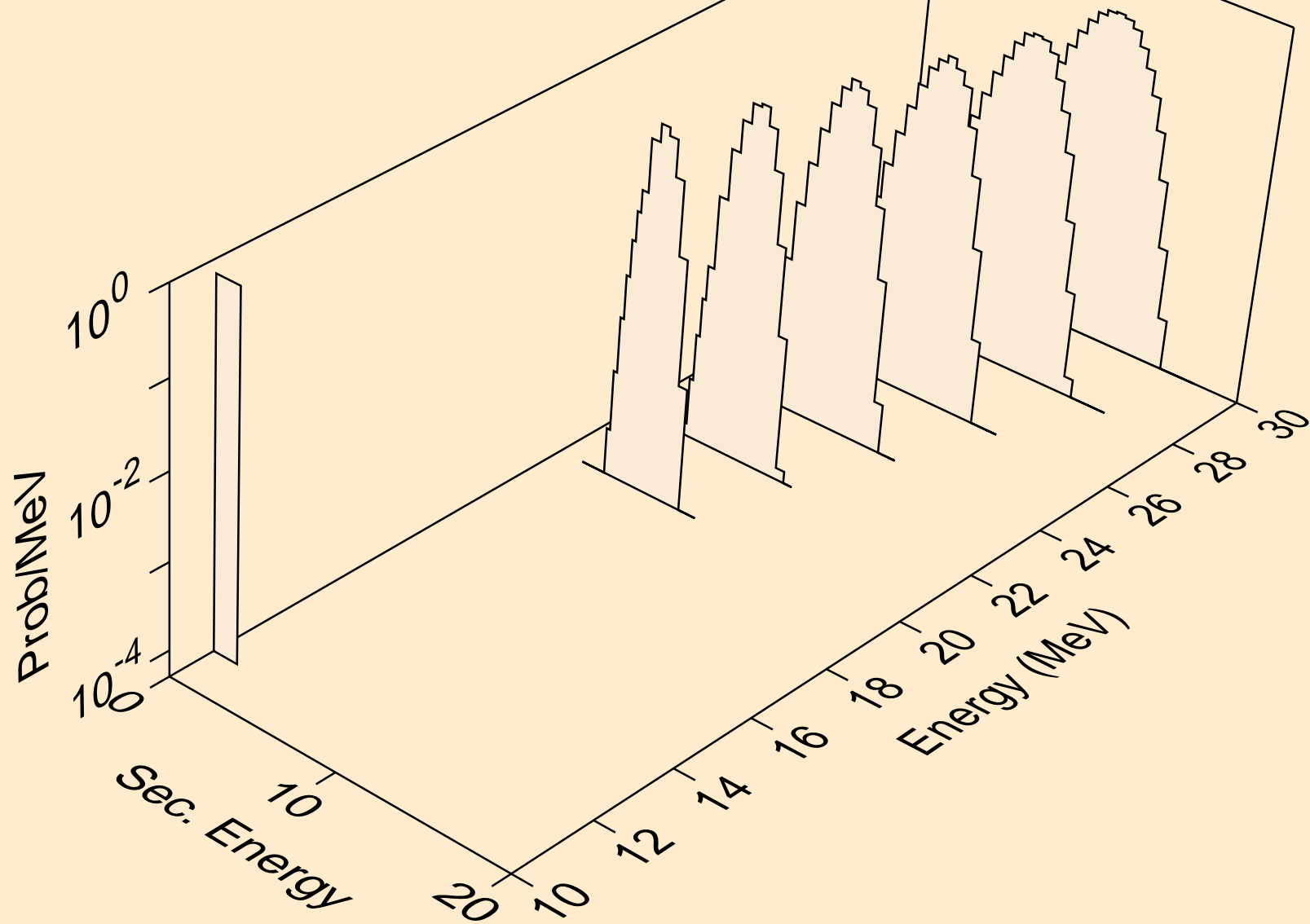


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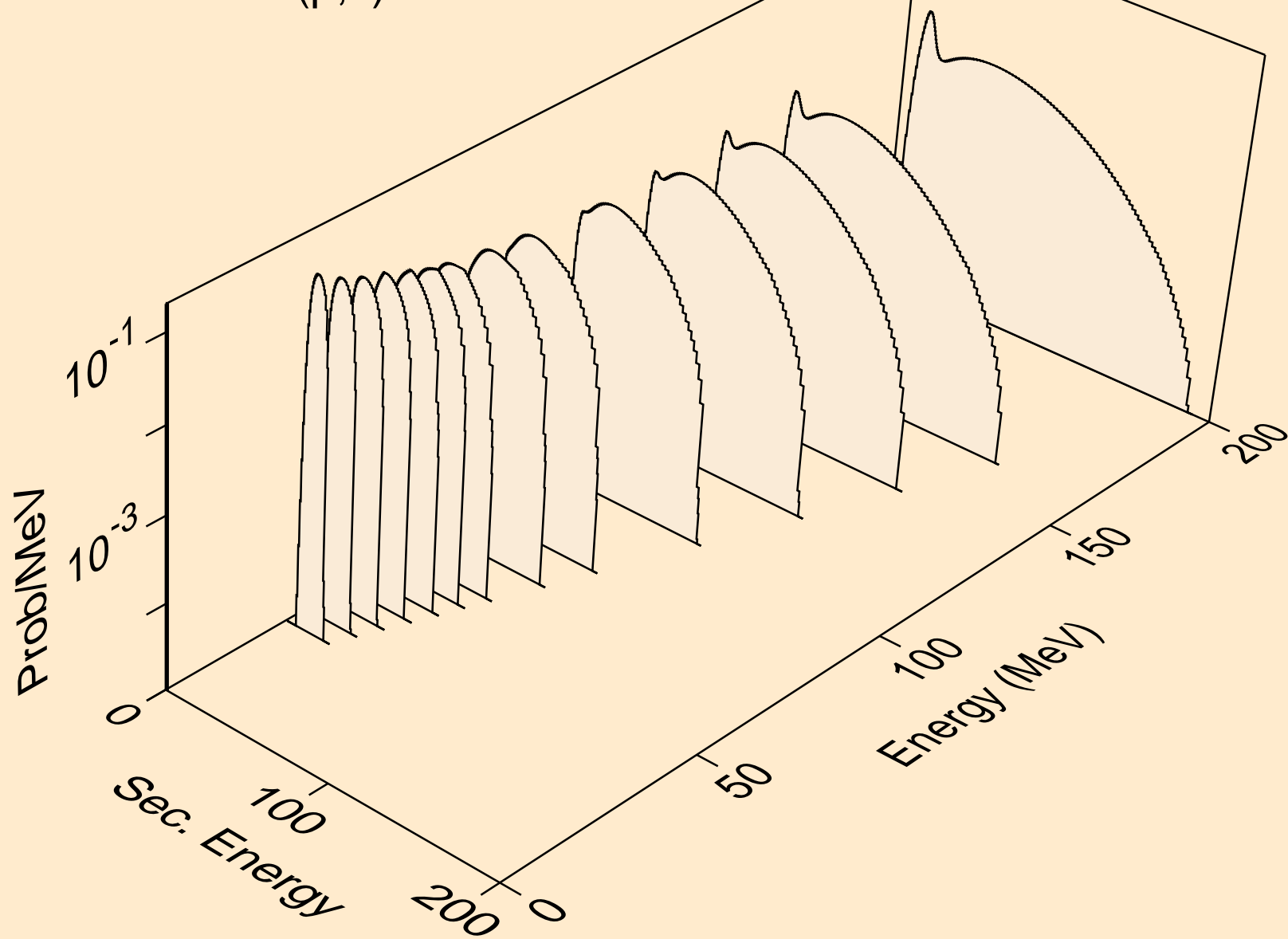




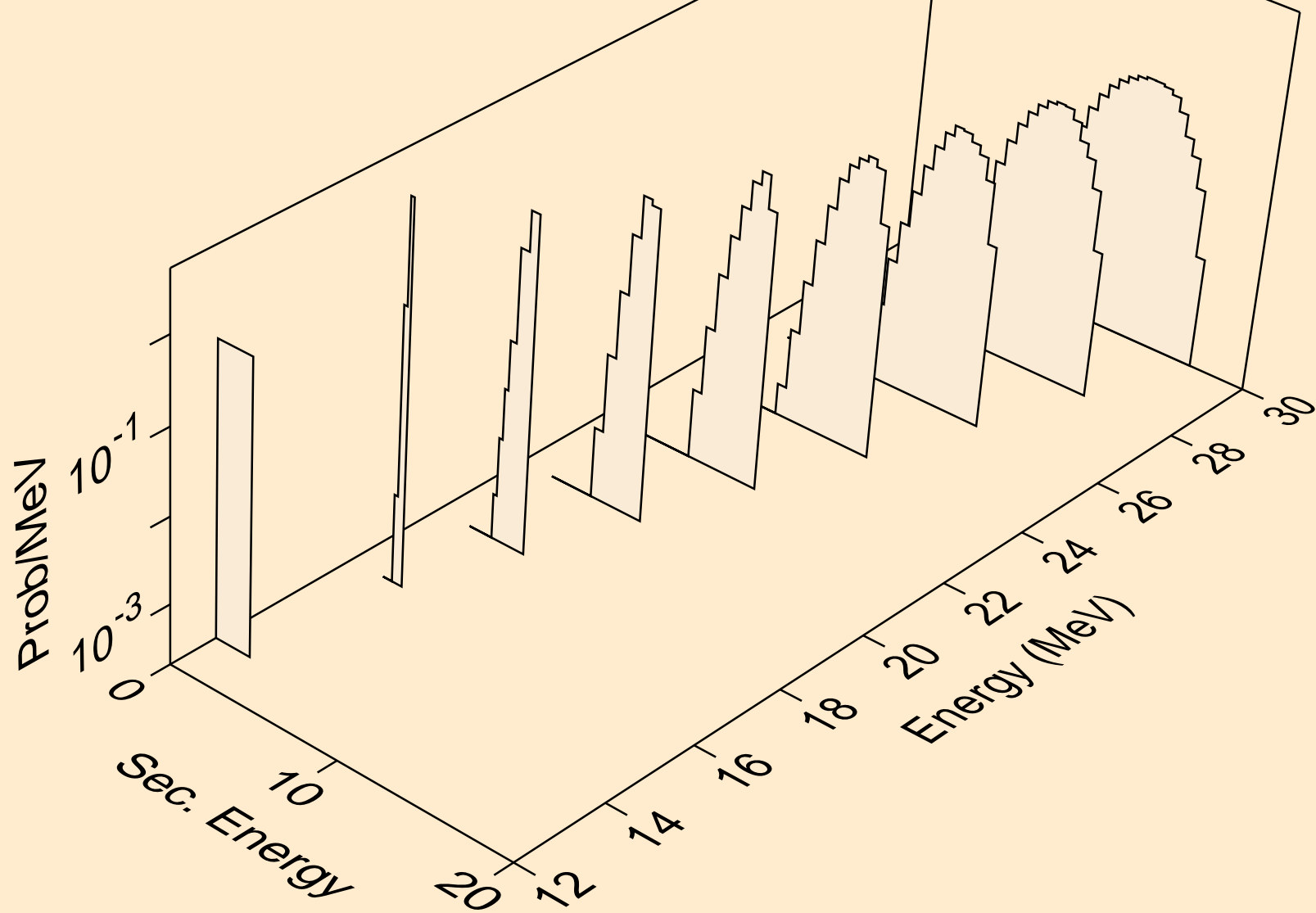
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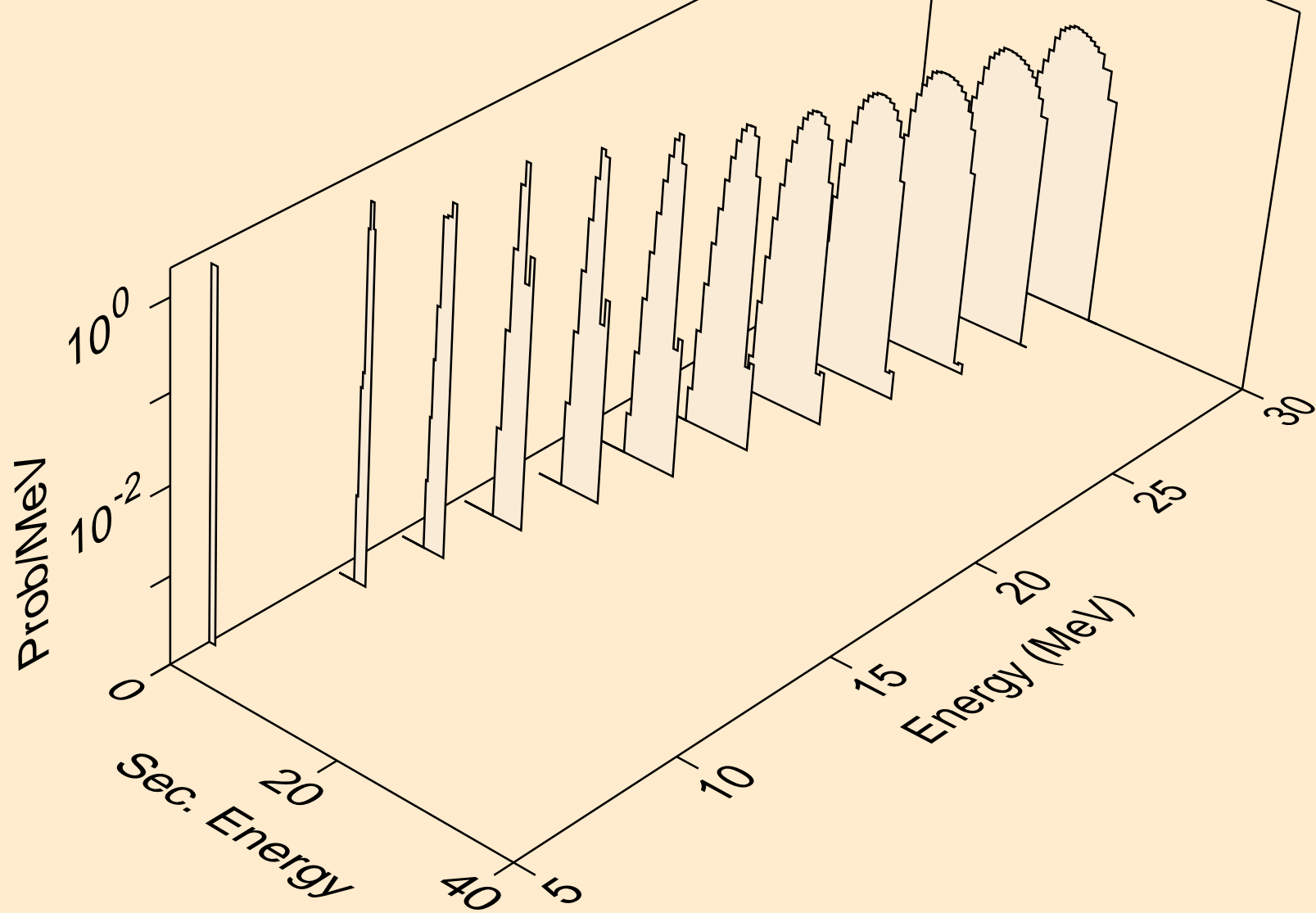
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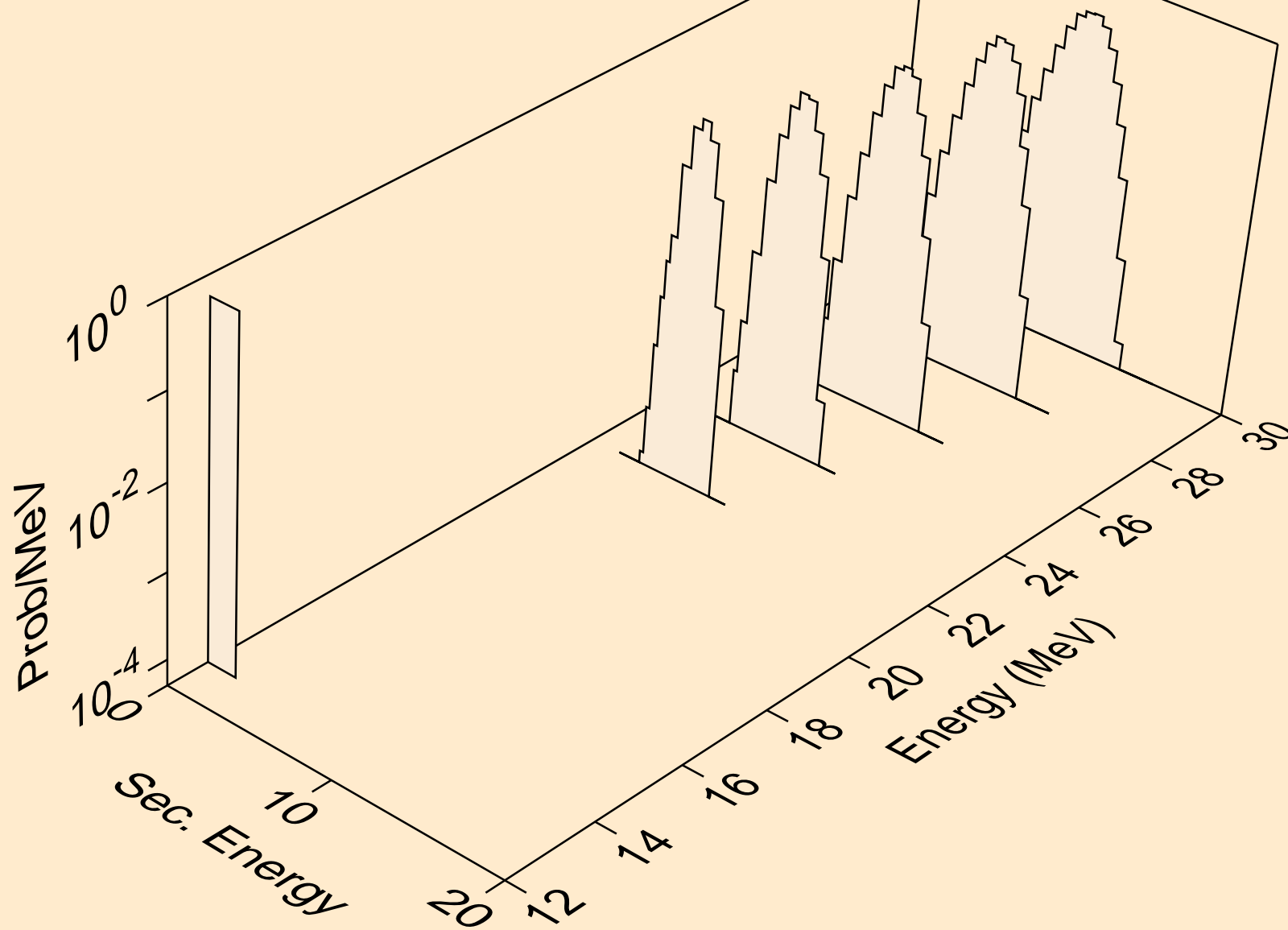
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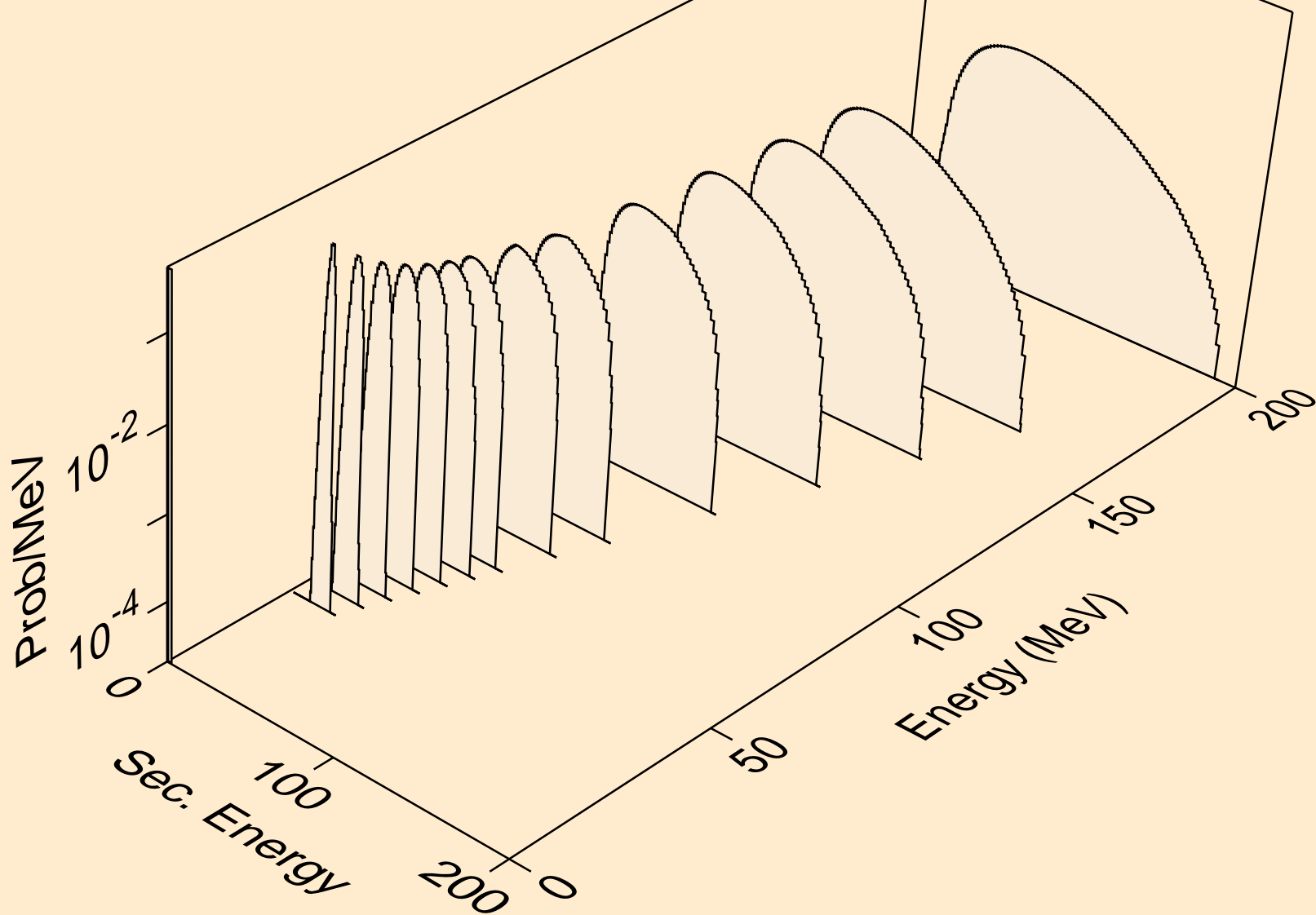
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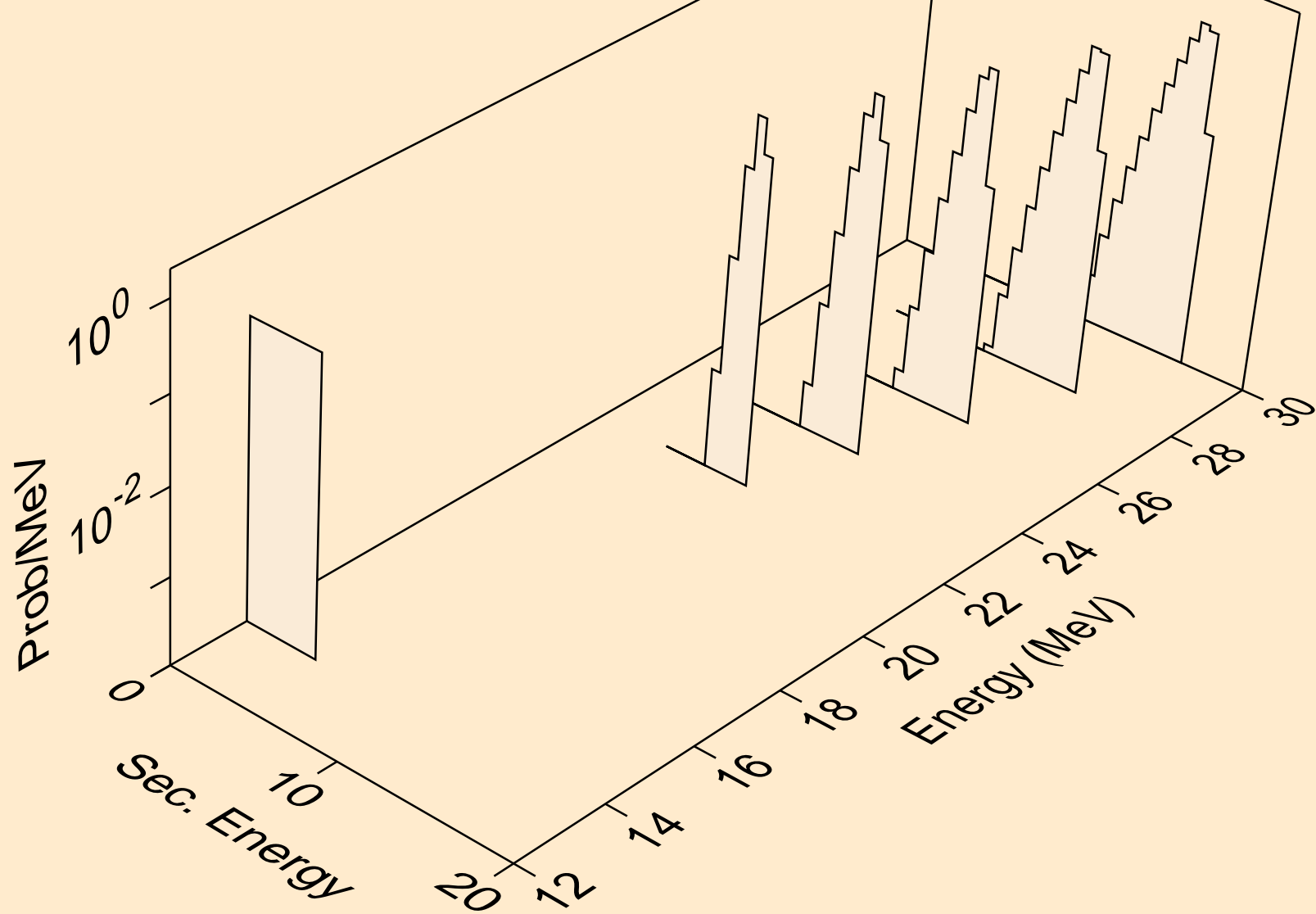
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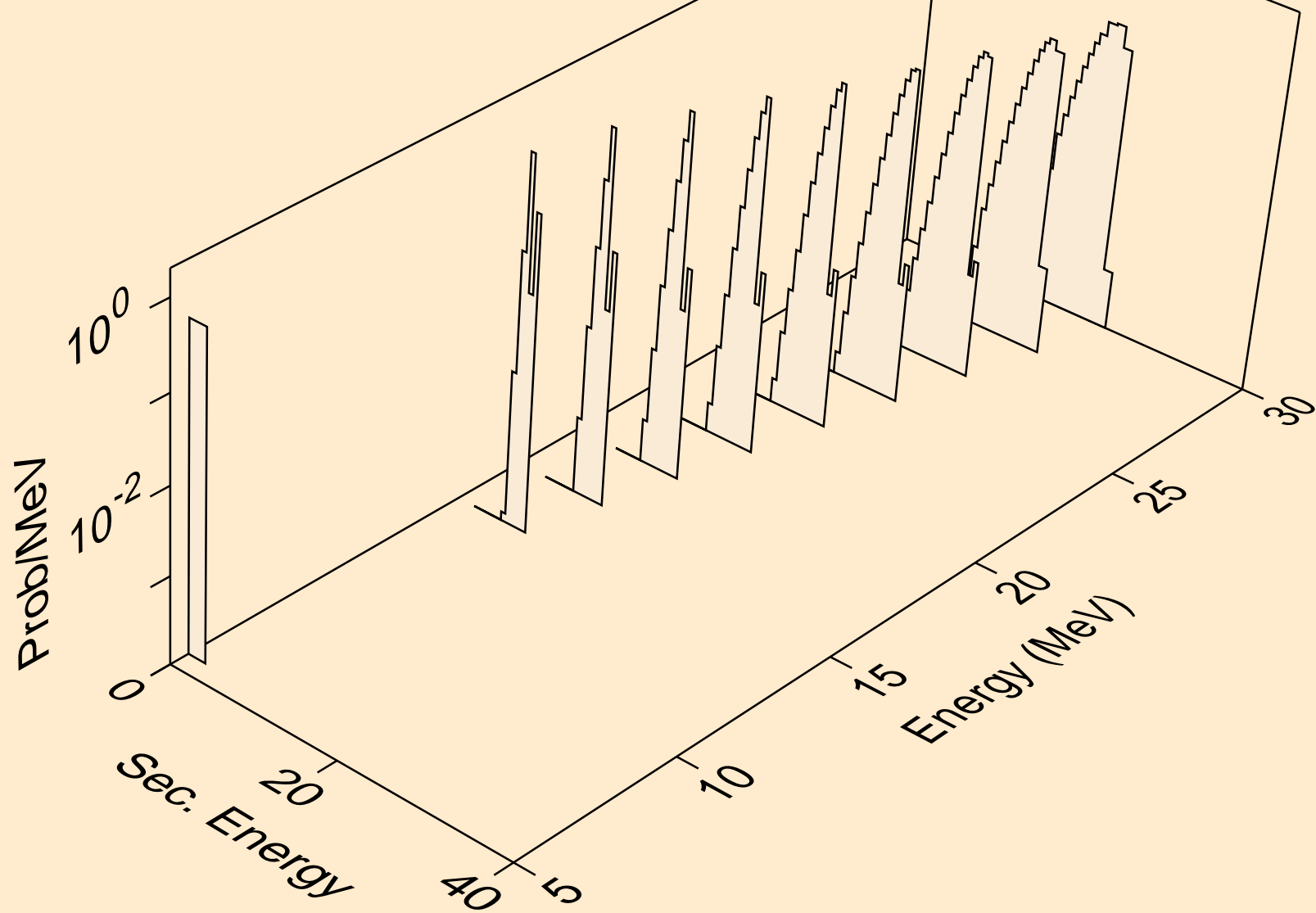
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
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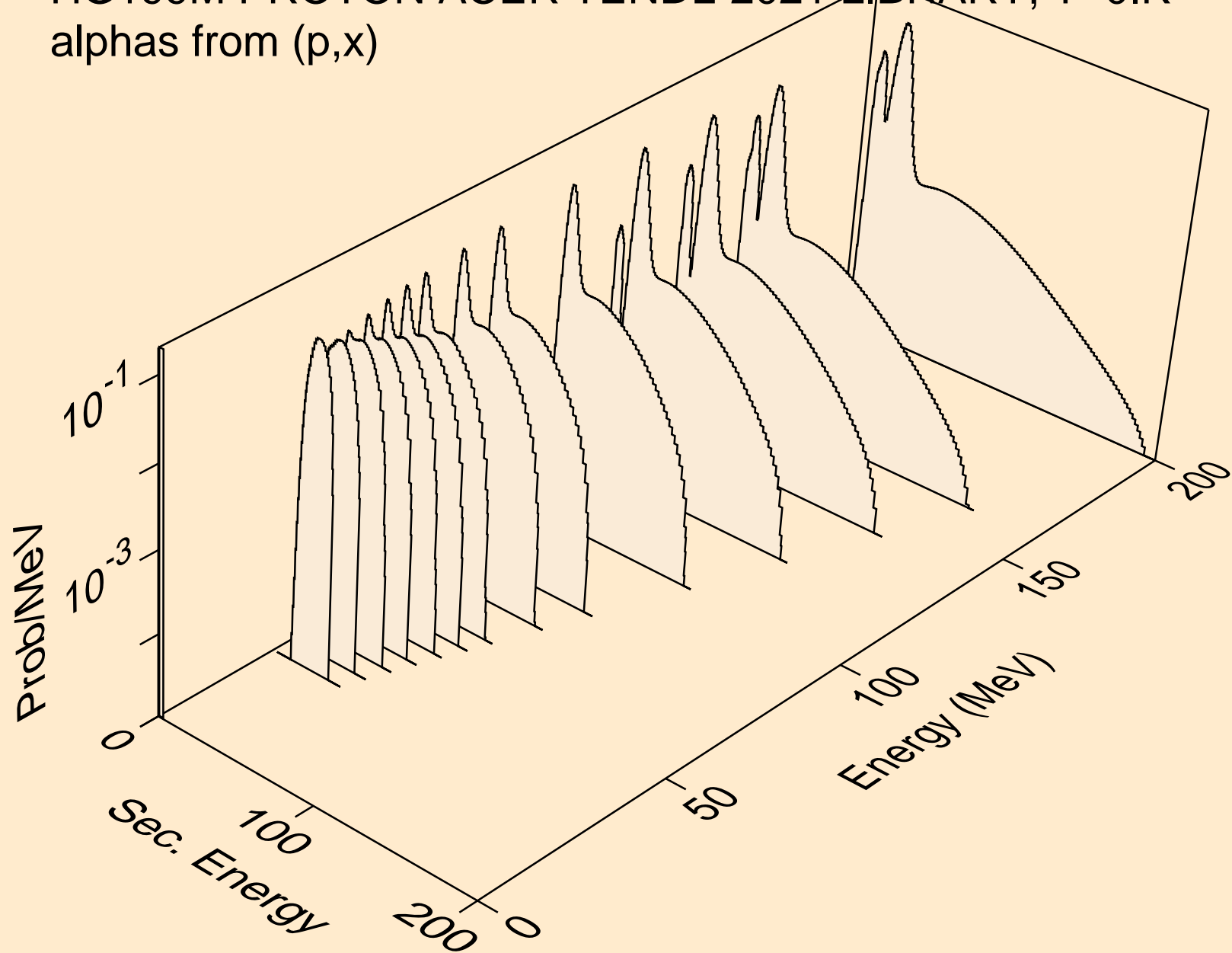


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he3s from (p,he3)

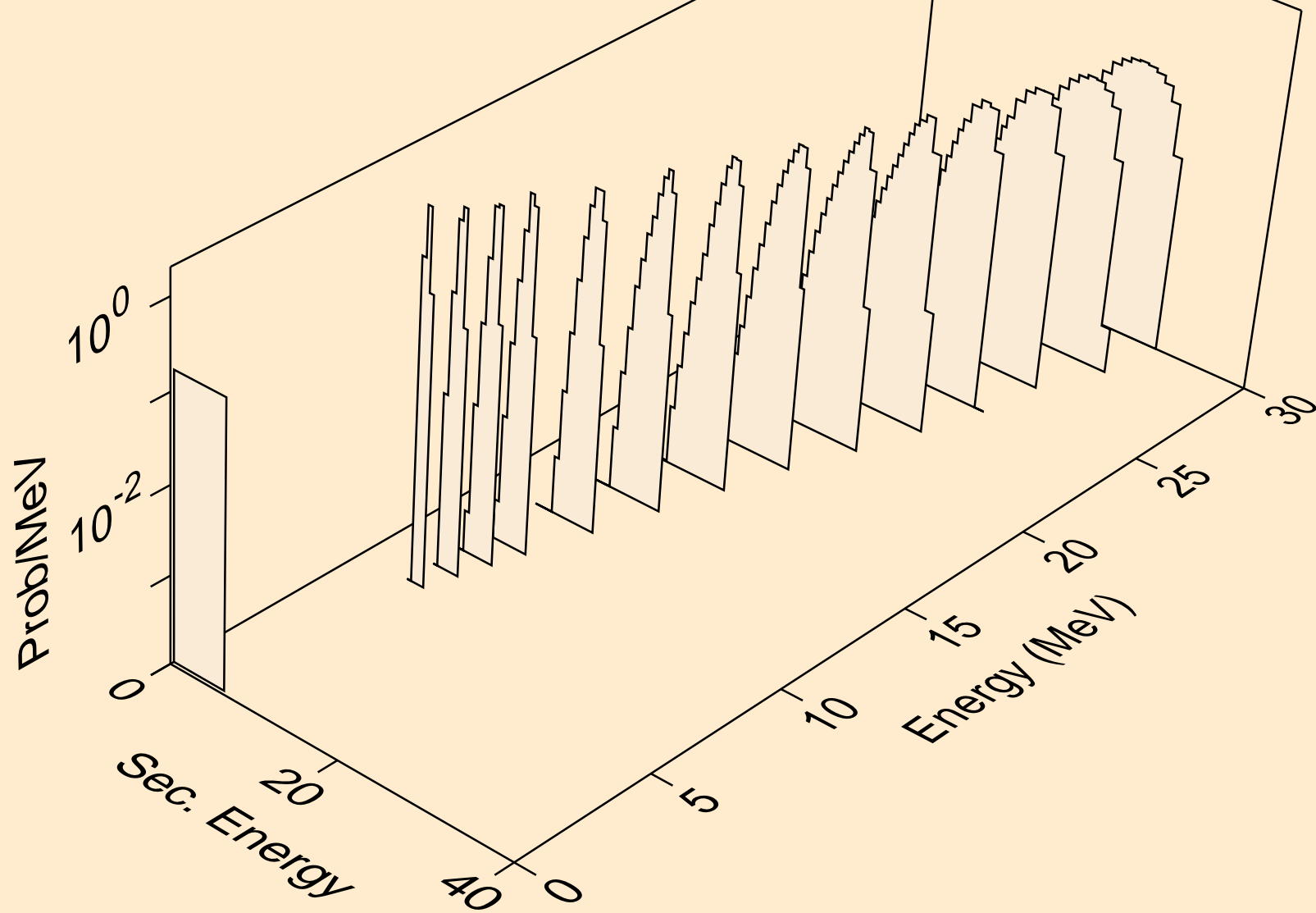




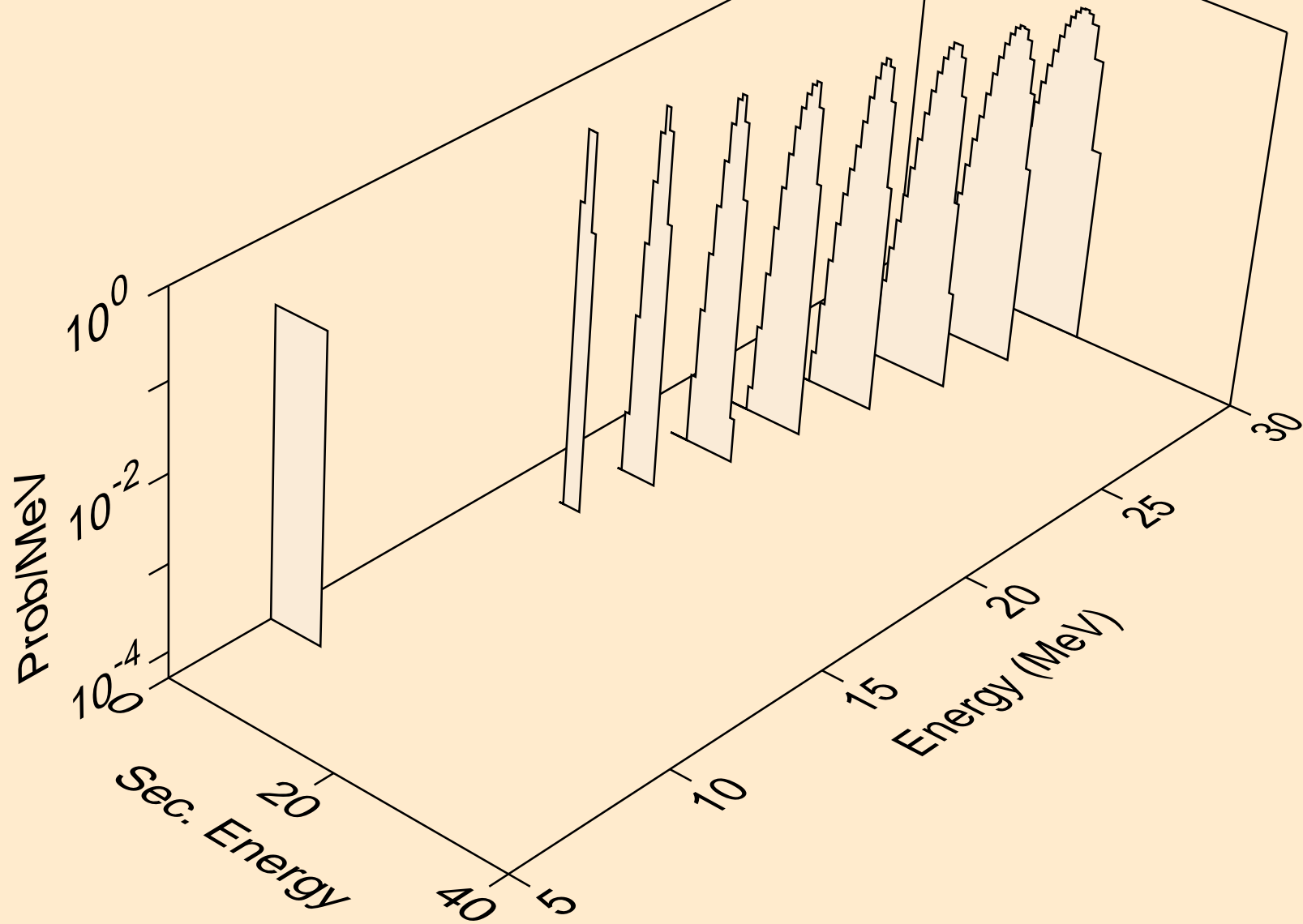
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alphas from (p,x)



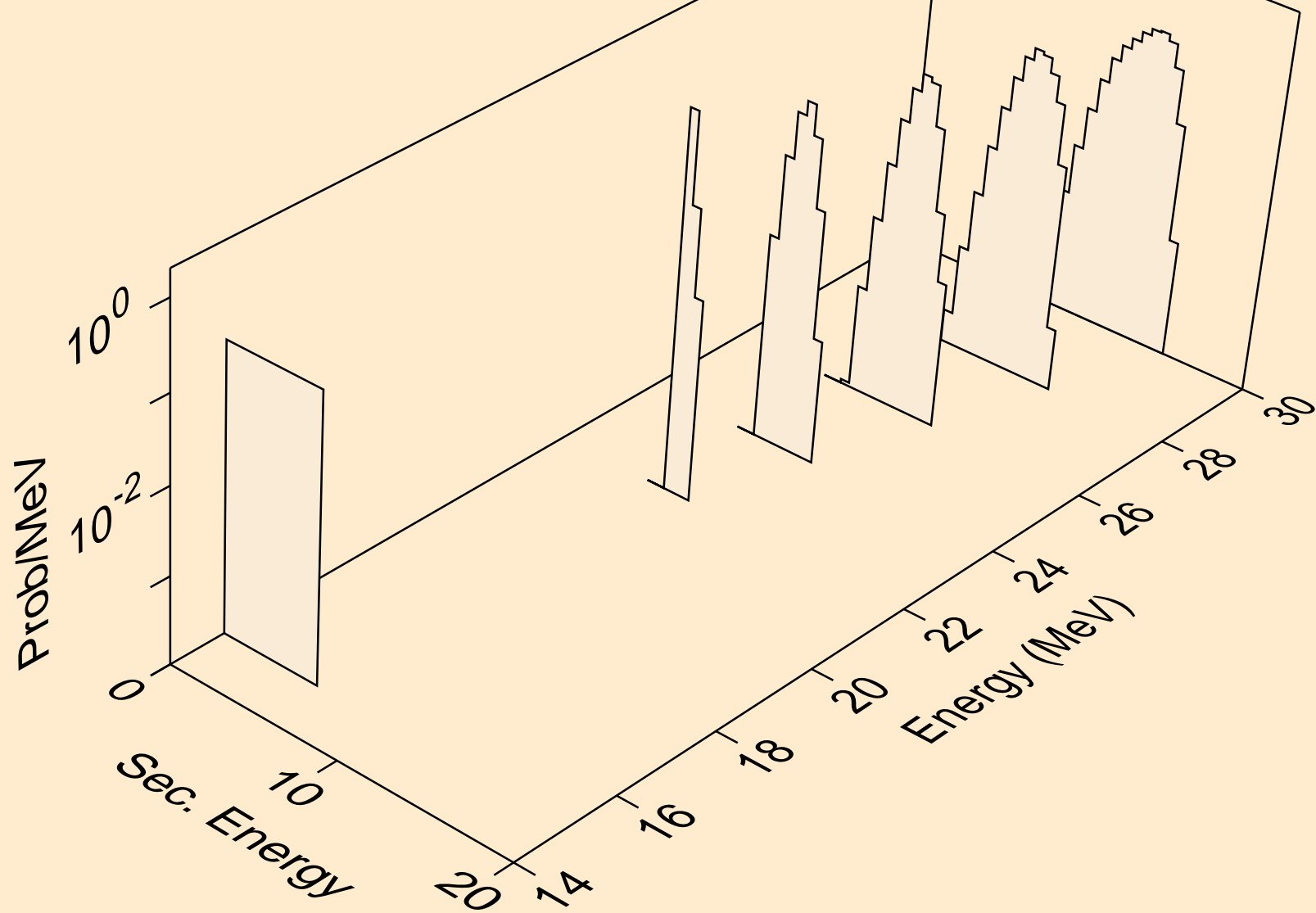
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



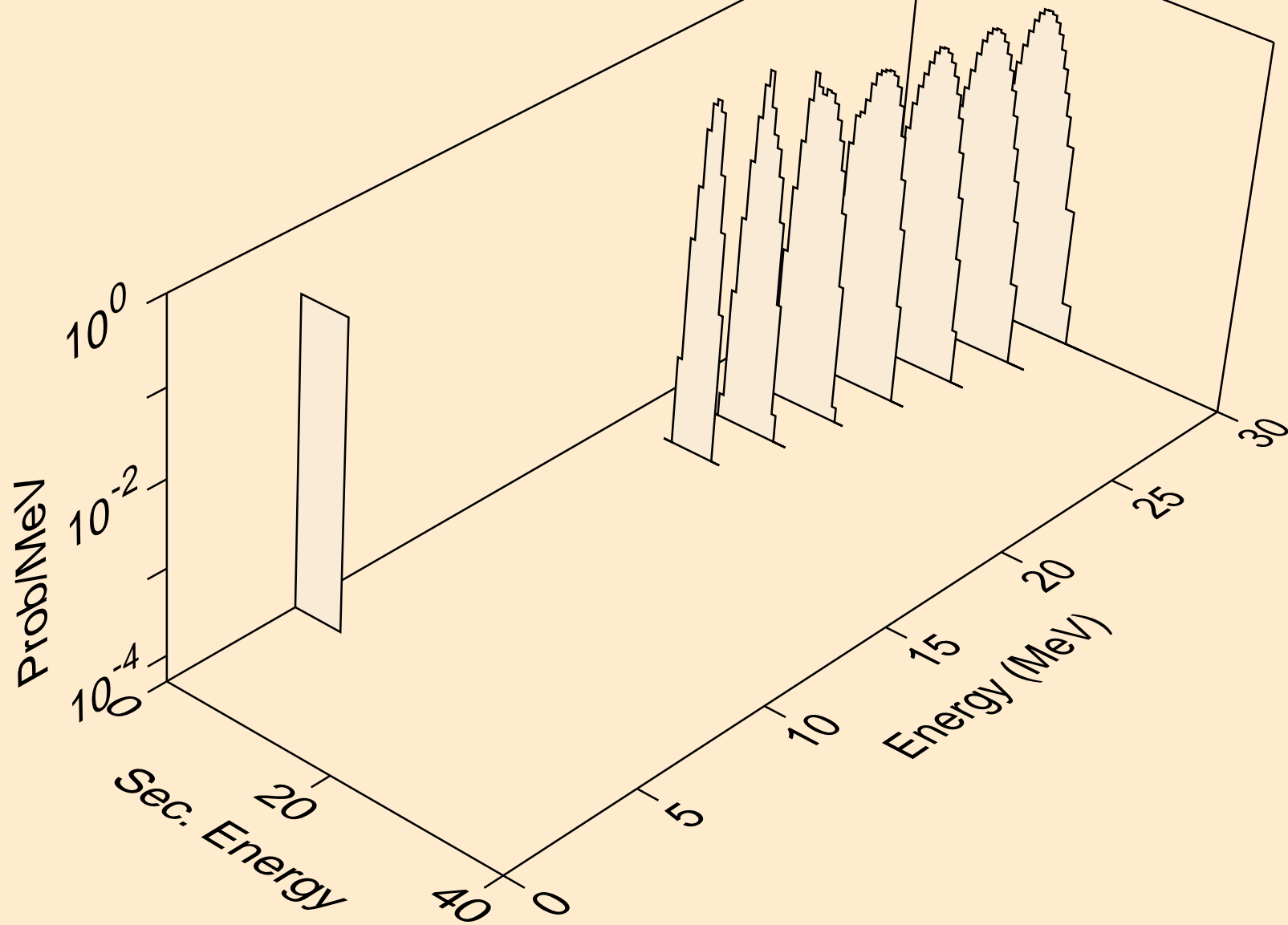
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alphas from (p,2n)a



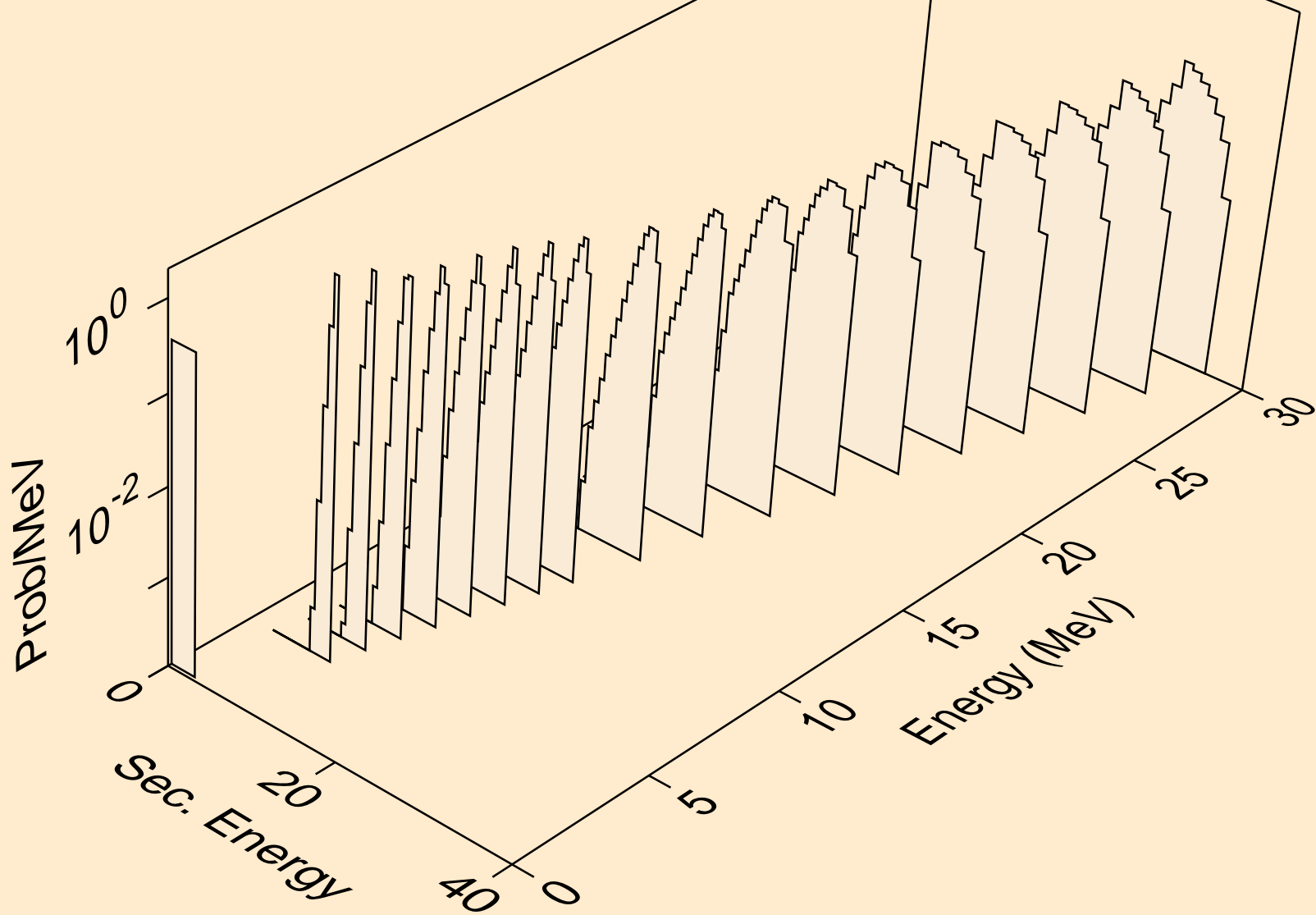
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alphas from (p,3n)a



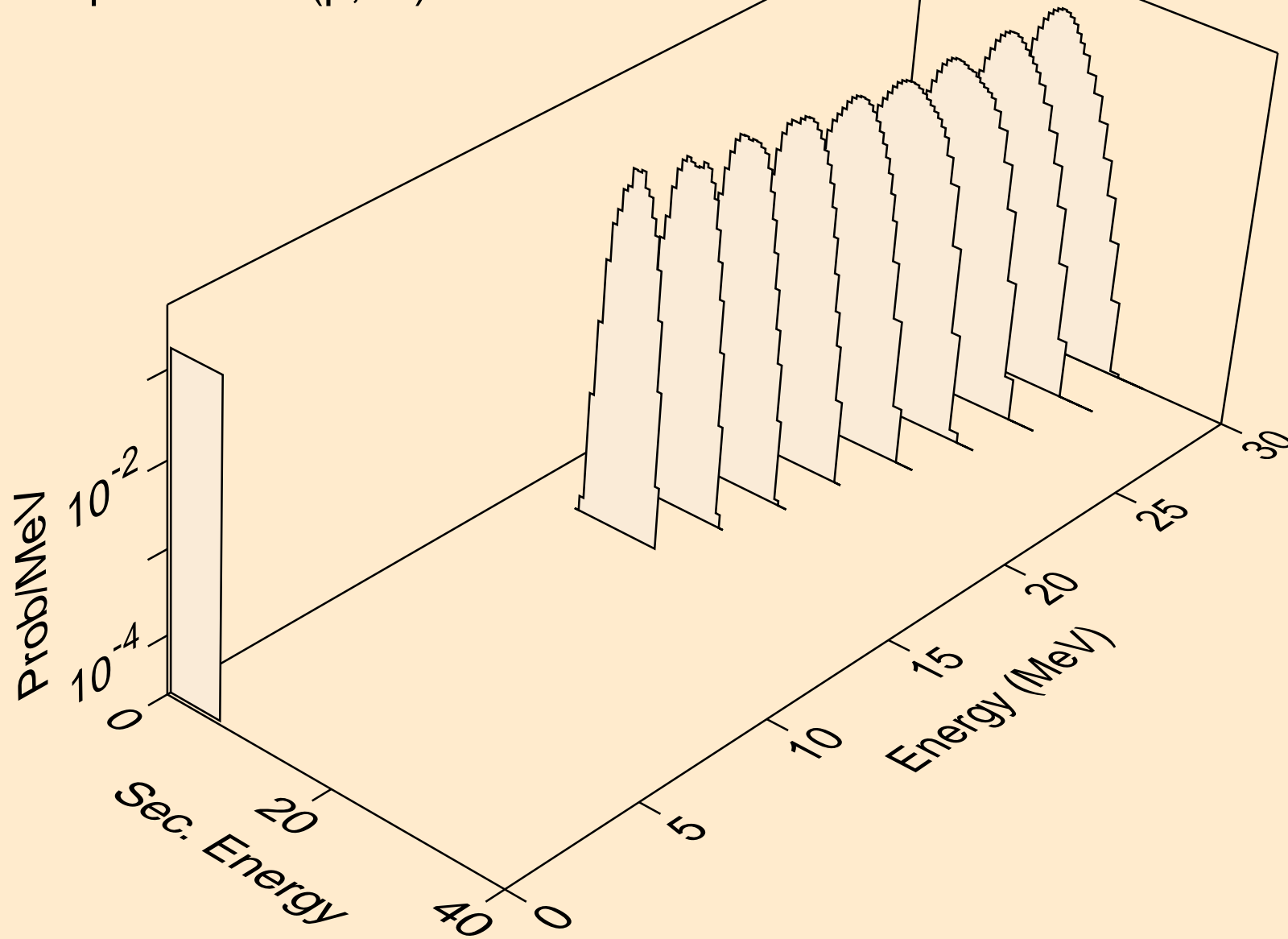
HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



HG199M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)

