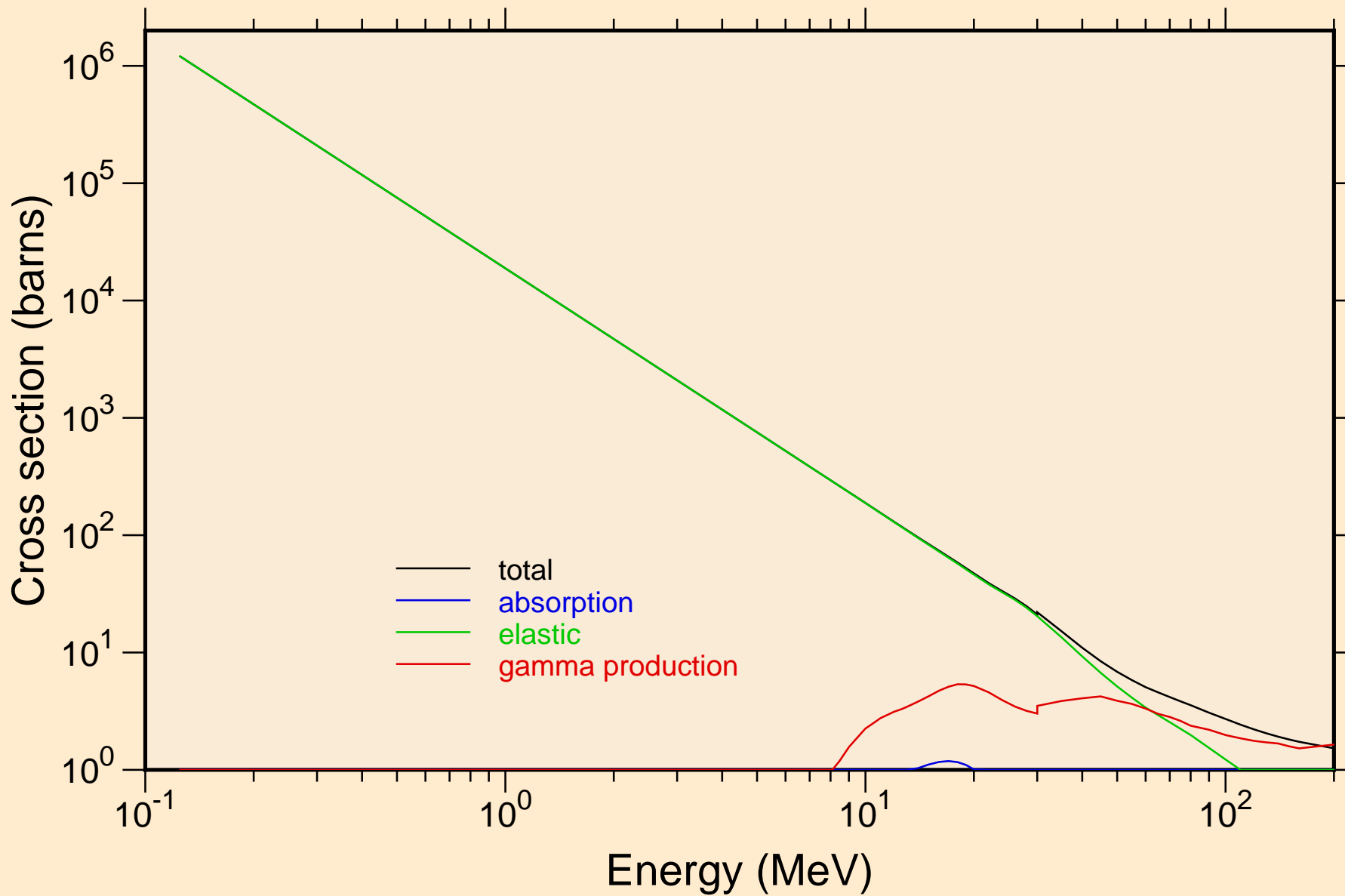
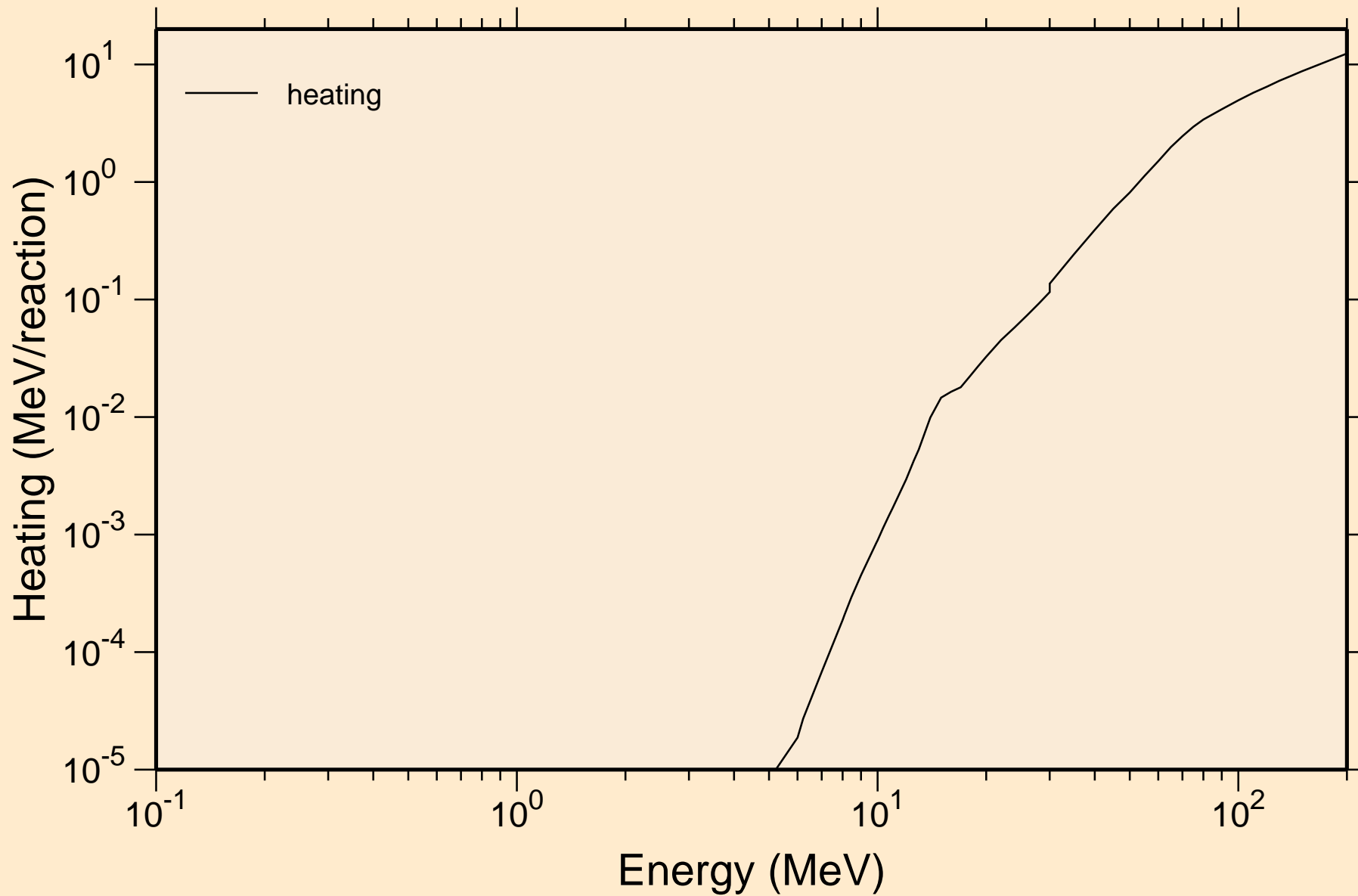


# CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K

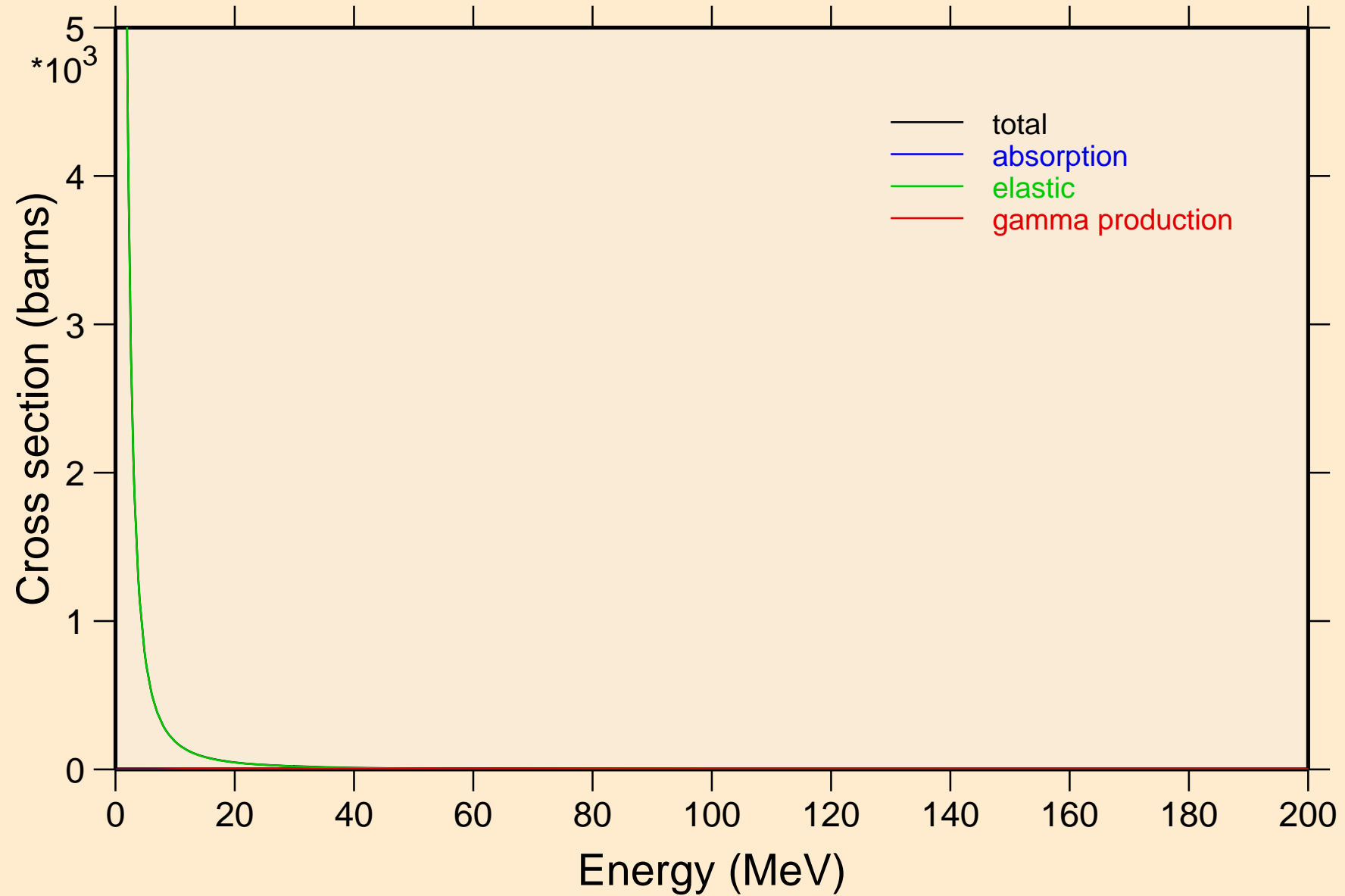
## Principal cross sections



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating

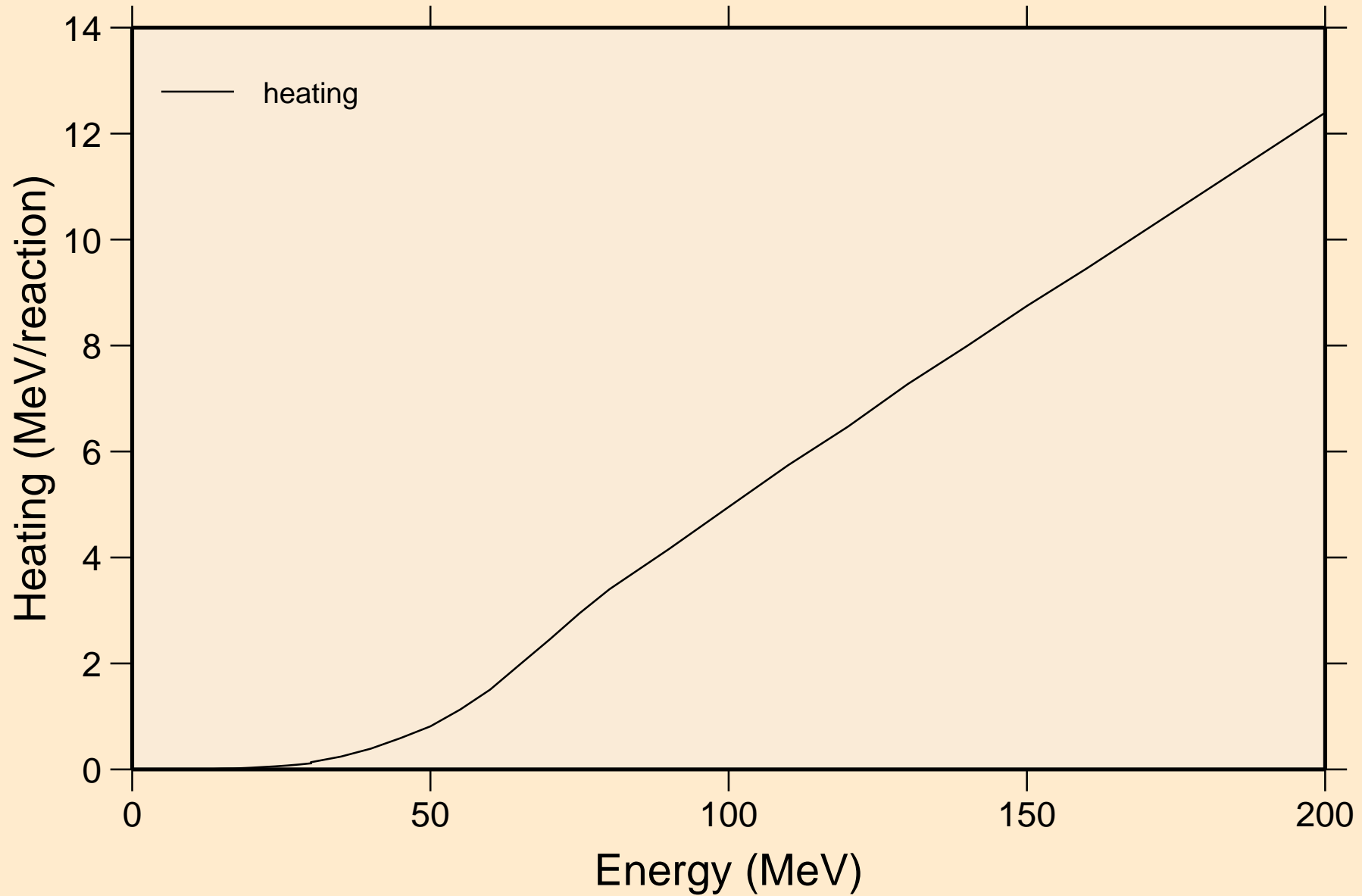


CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



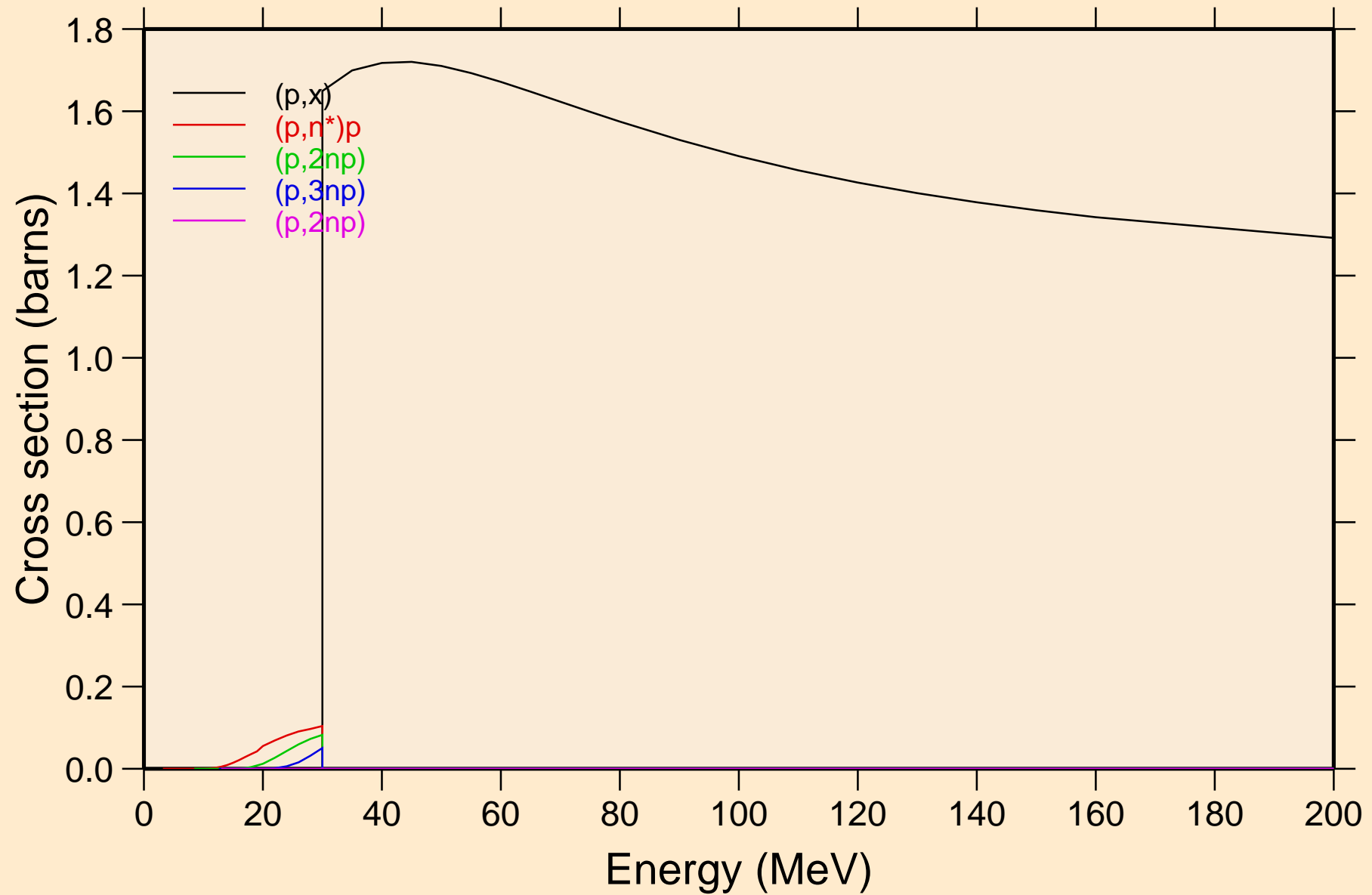
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## Heating



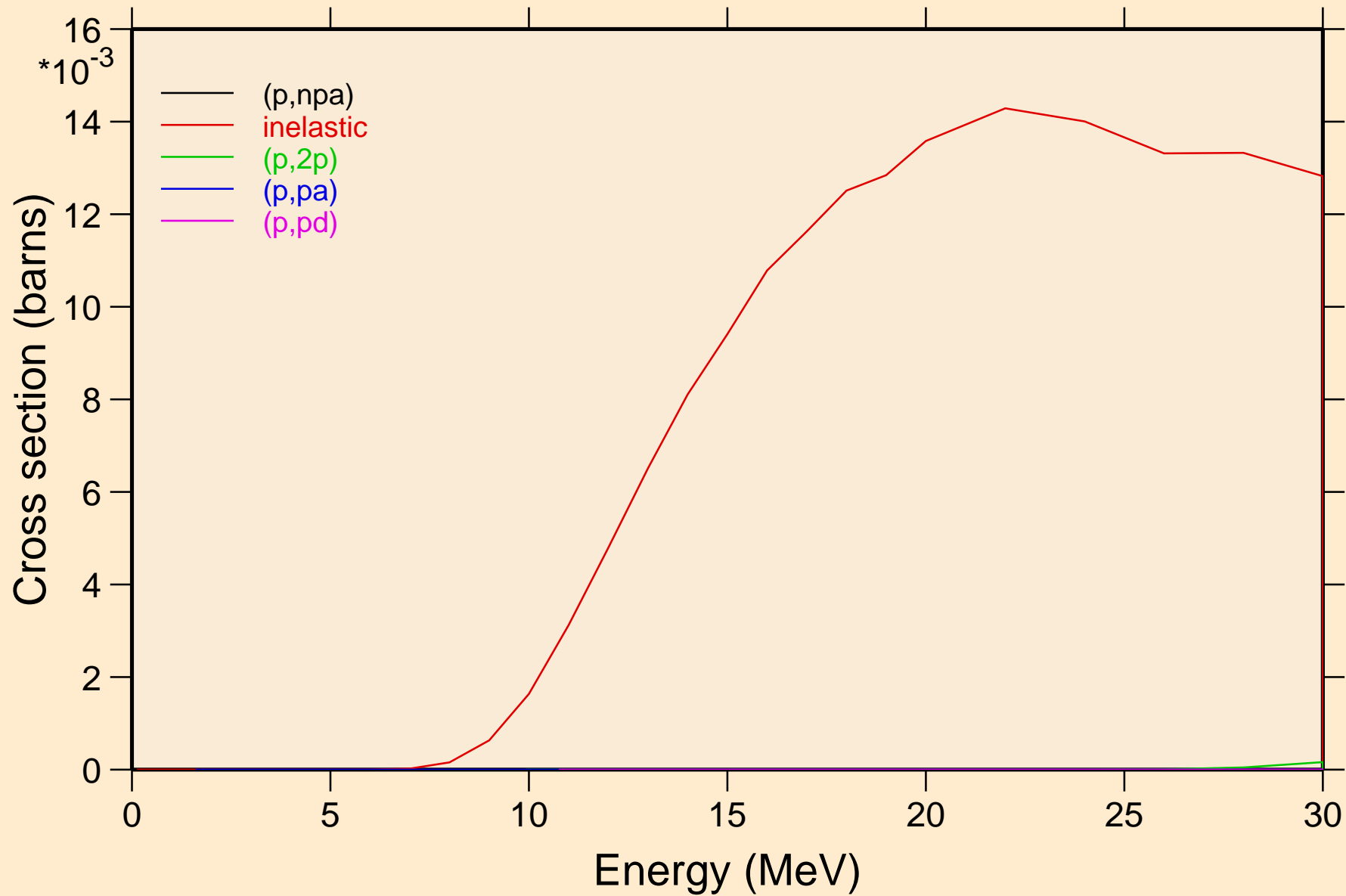
# CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

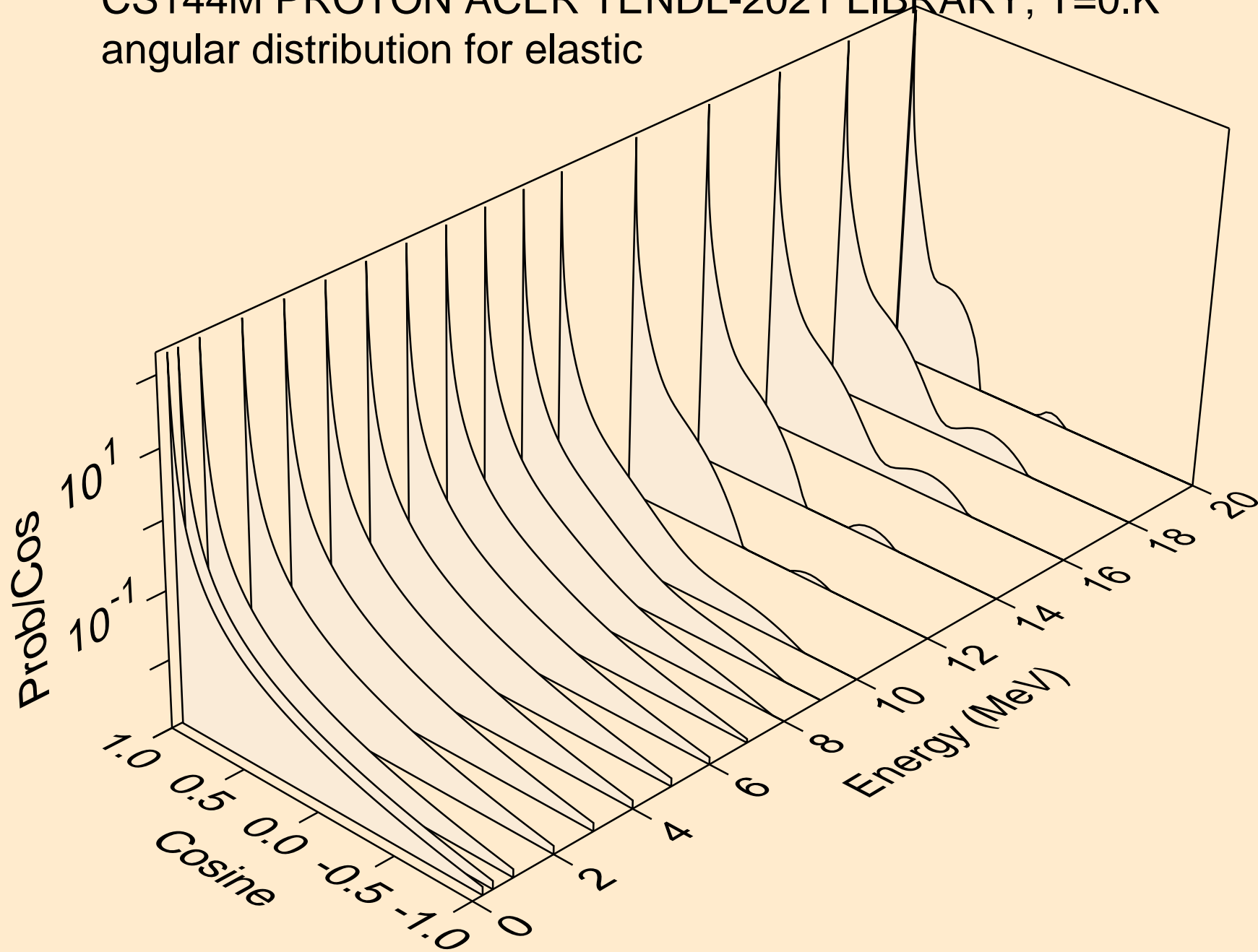


# CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K

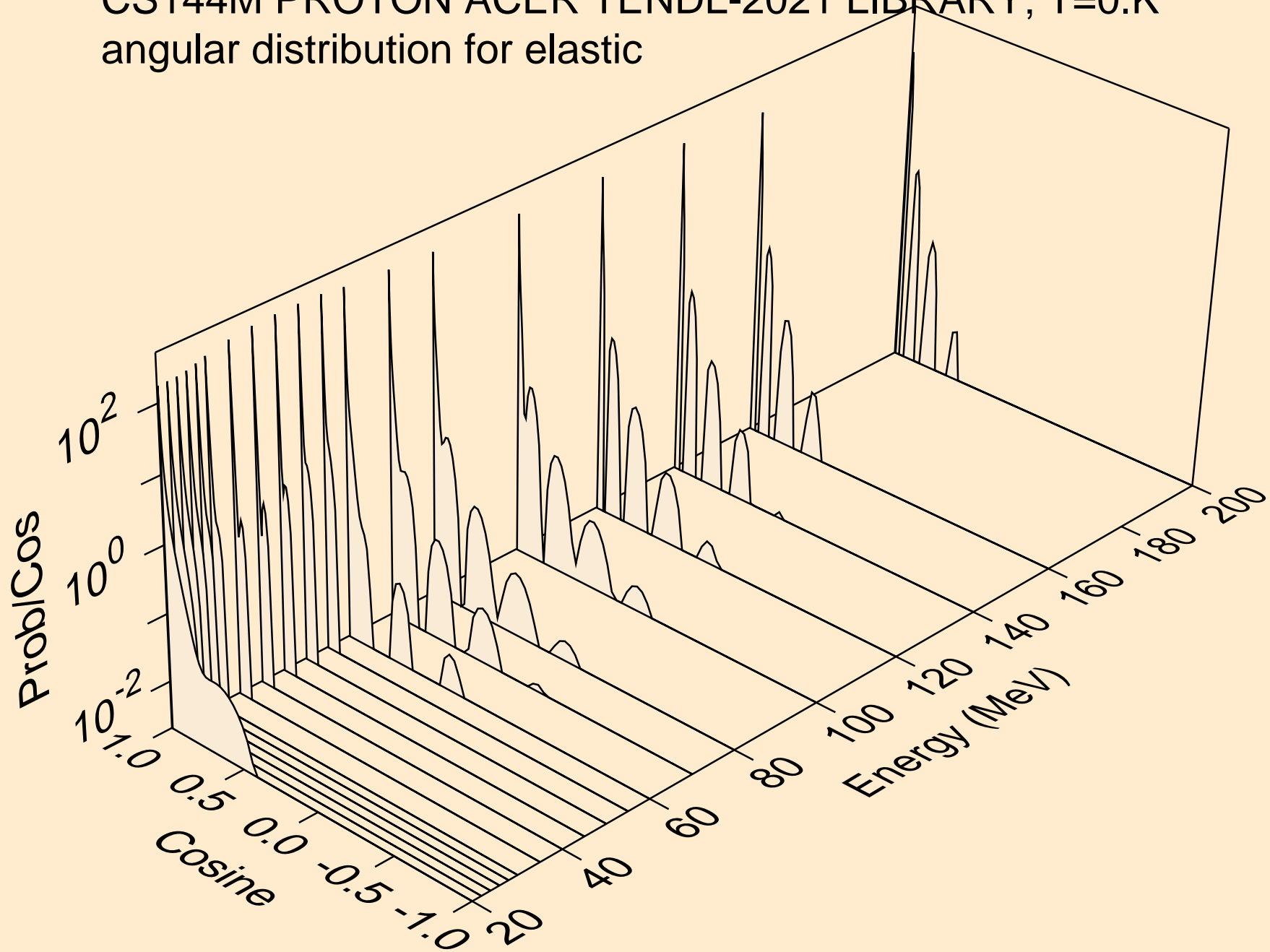
## Threshold reactions



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

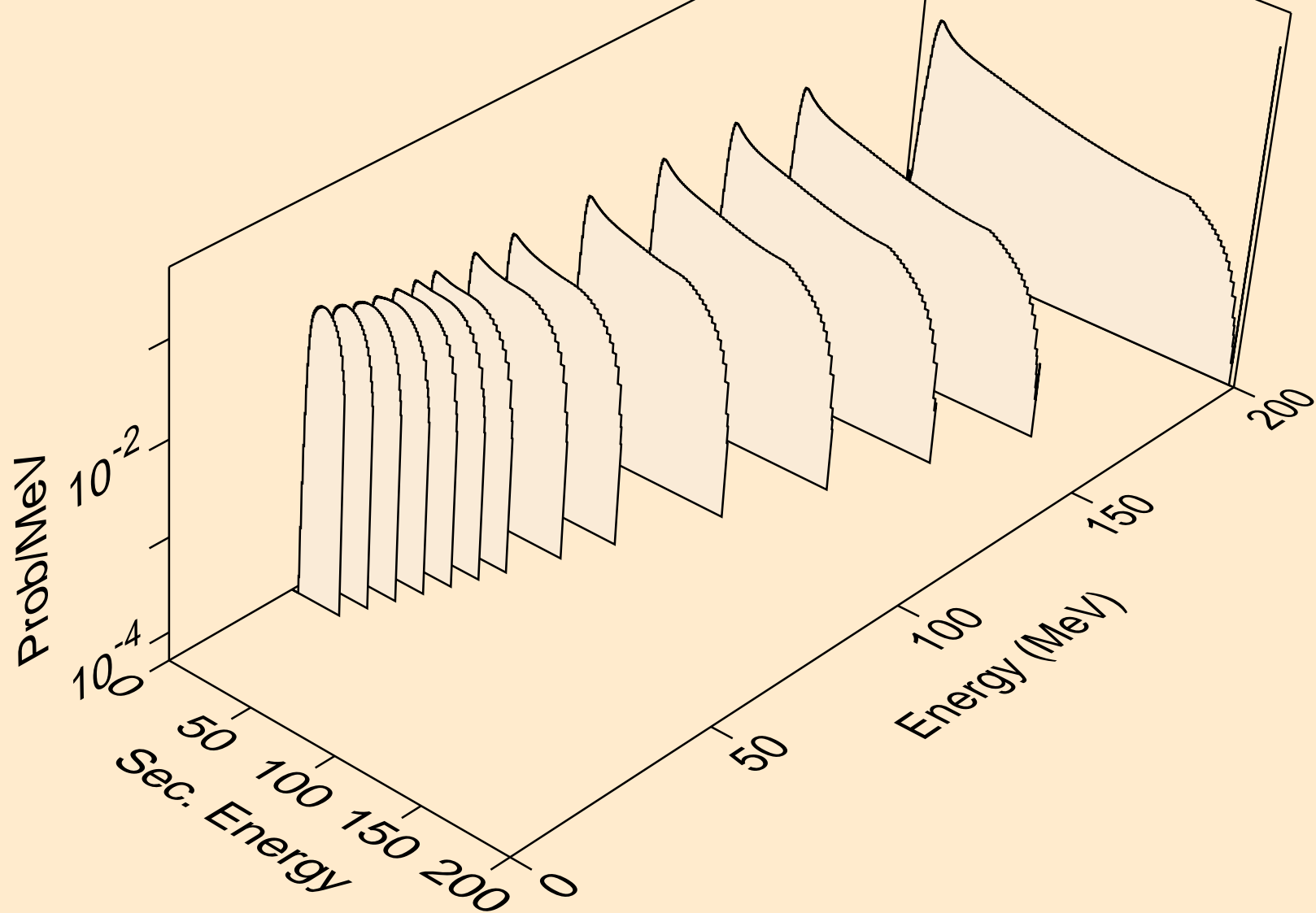


CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

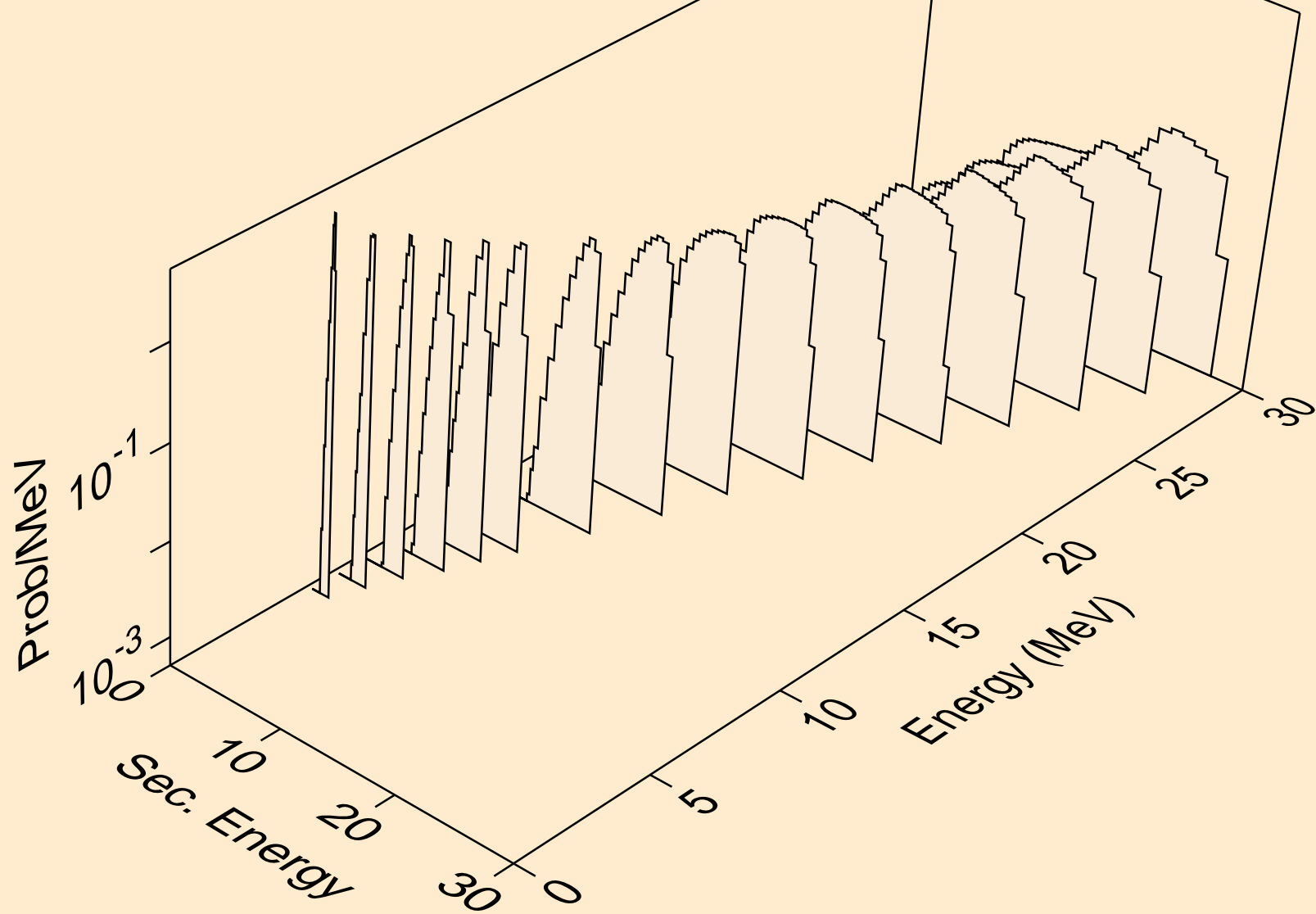




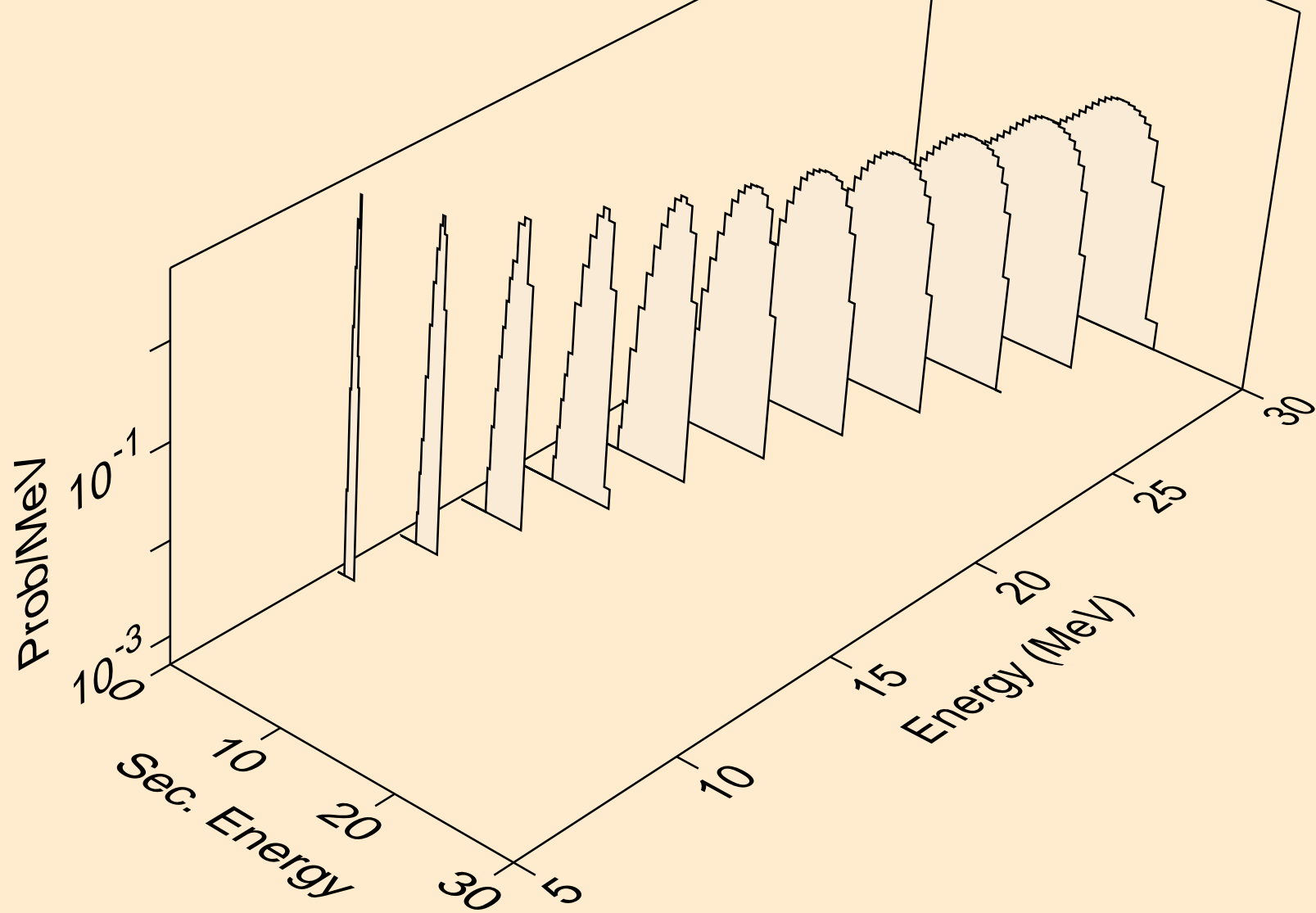
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



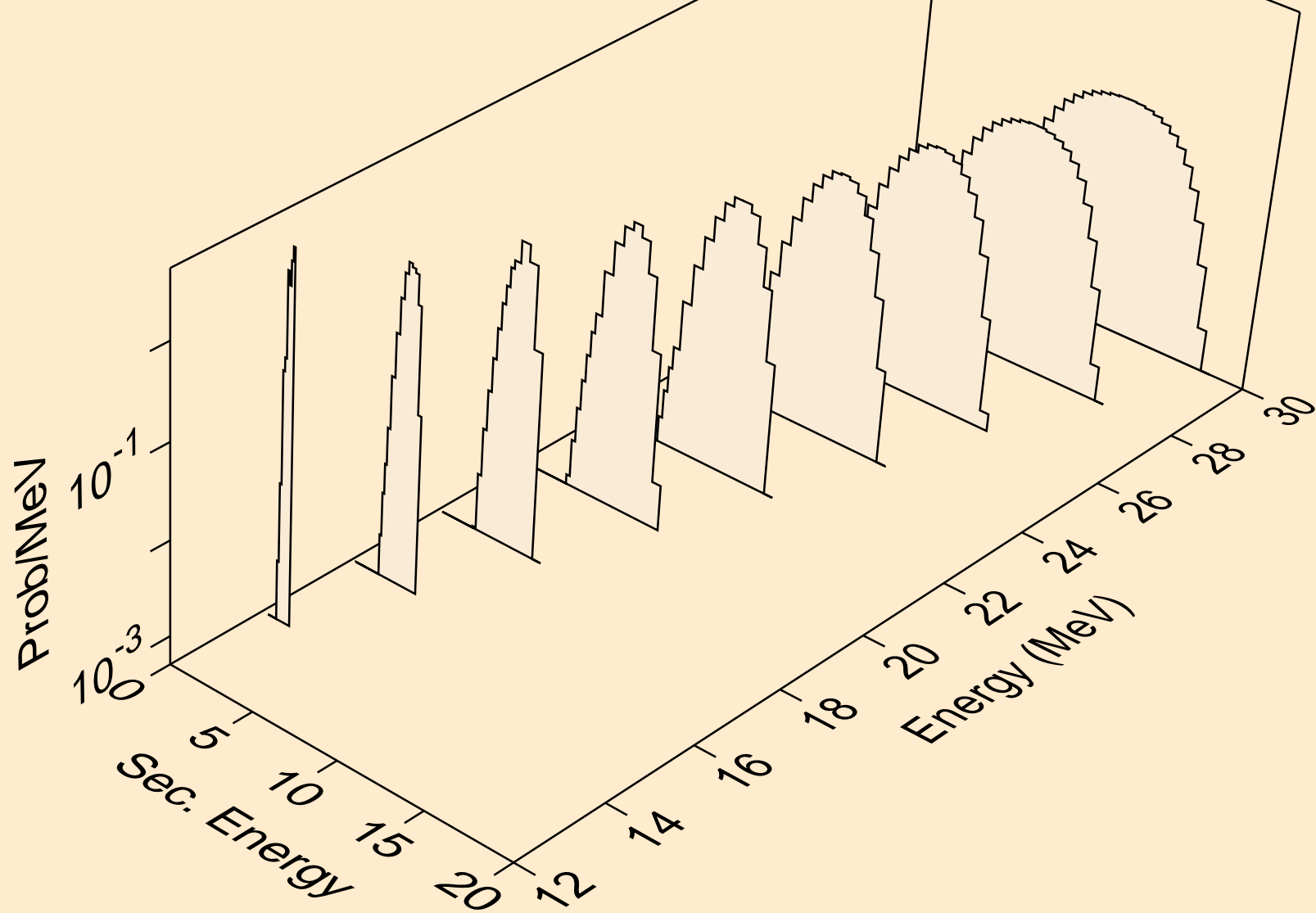
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



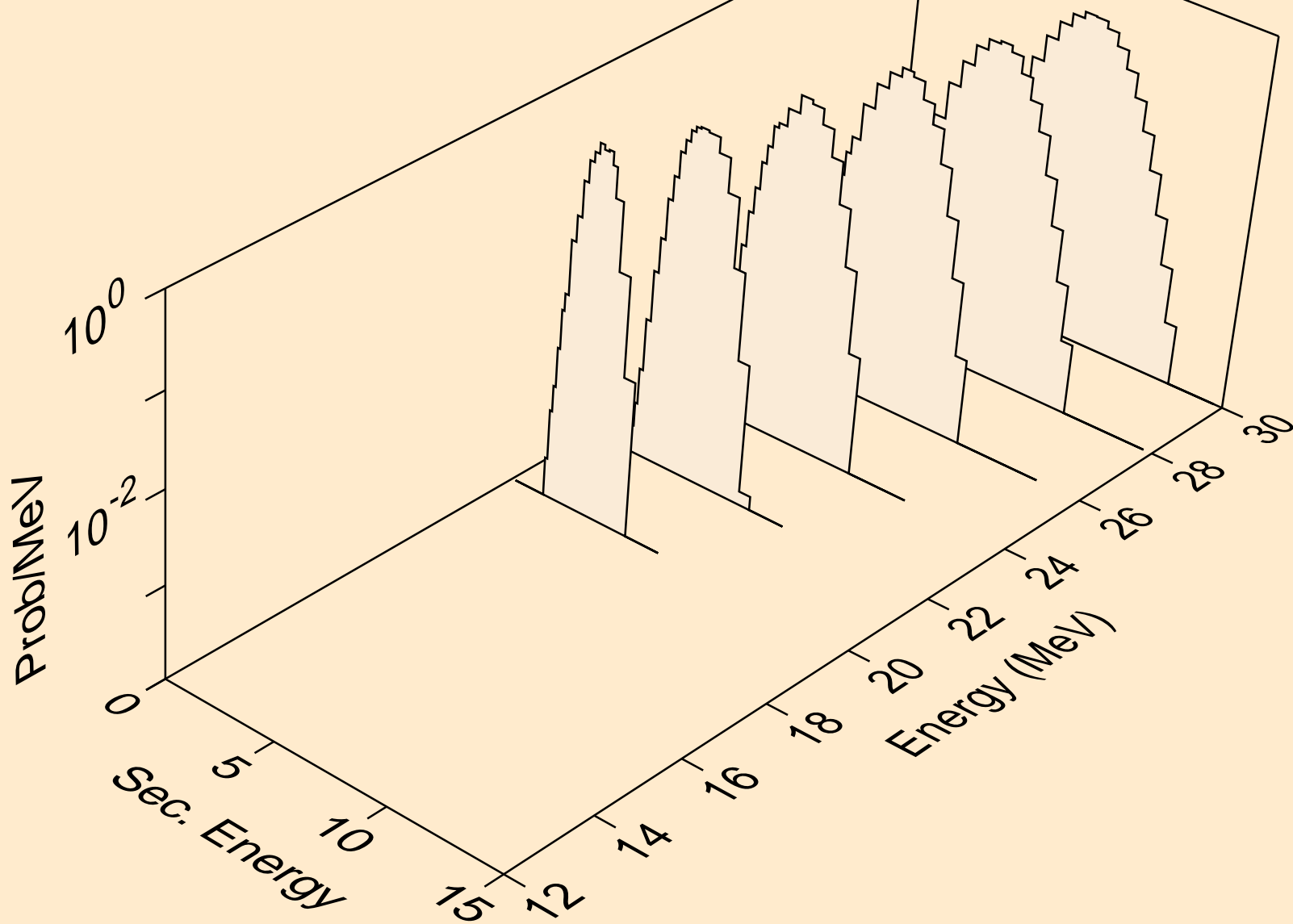
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



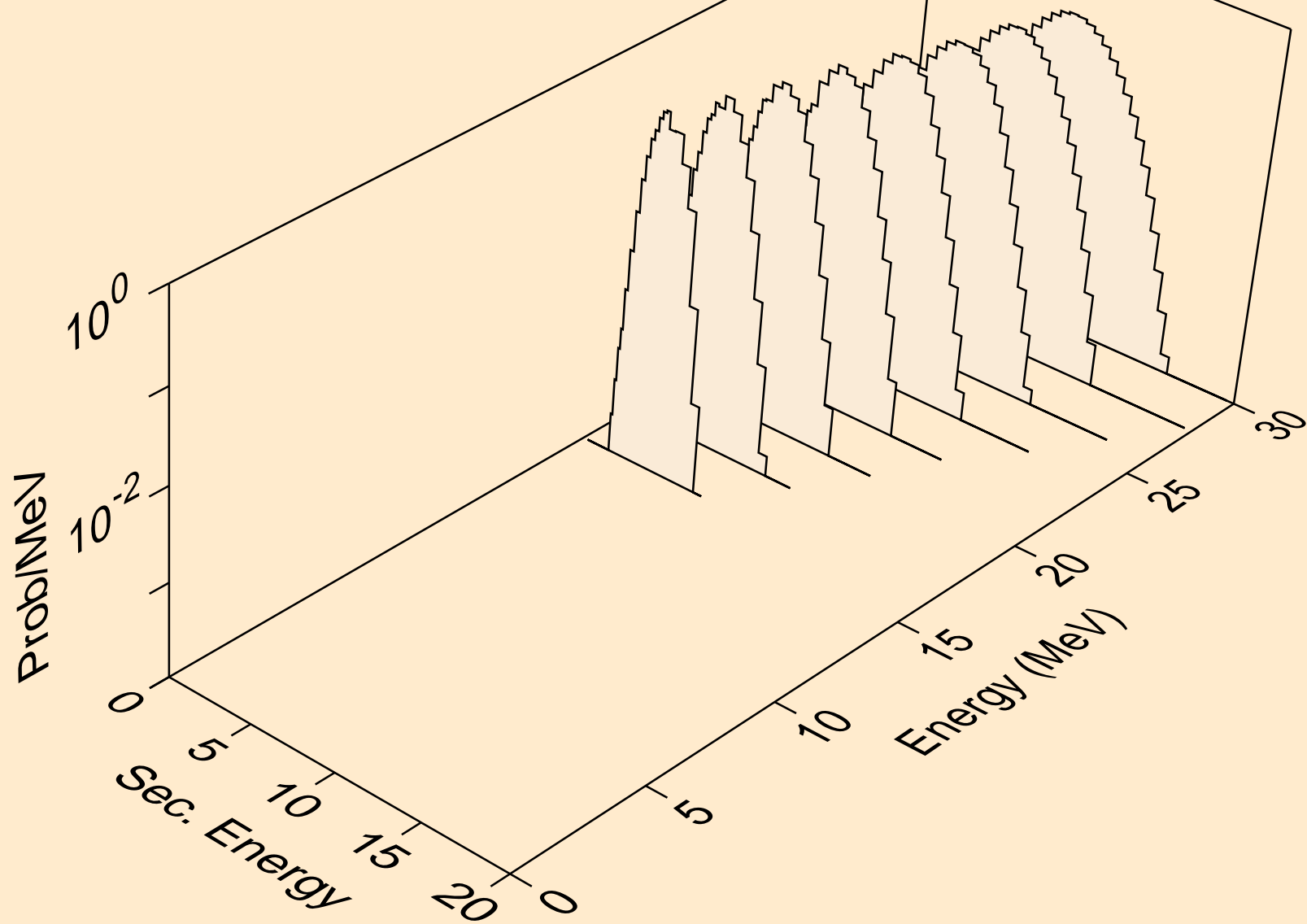
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



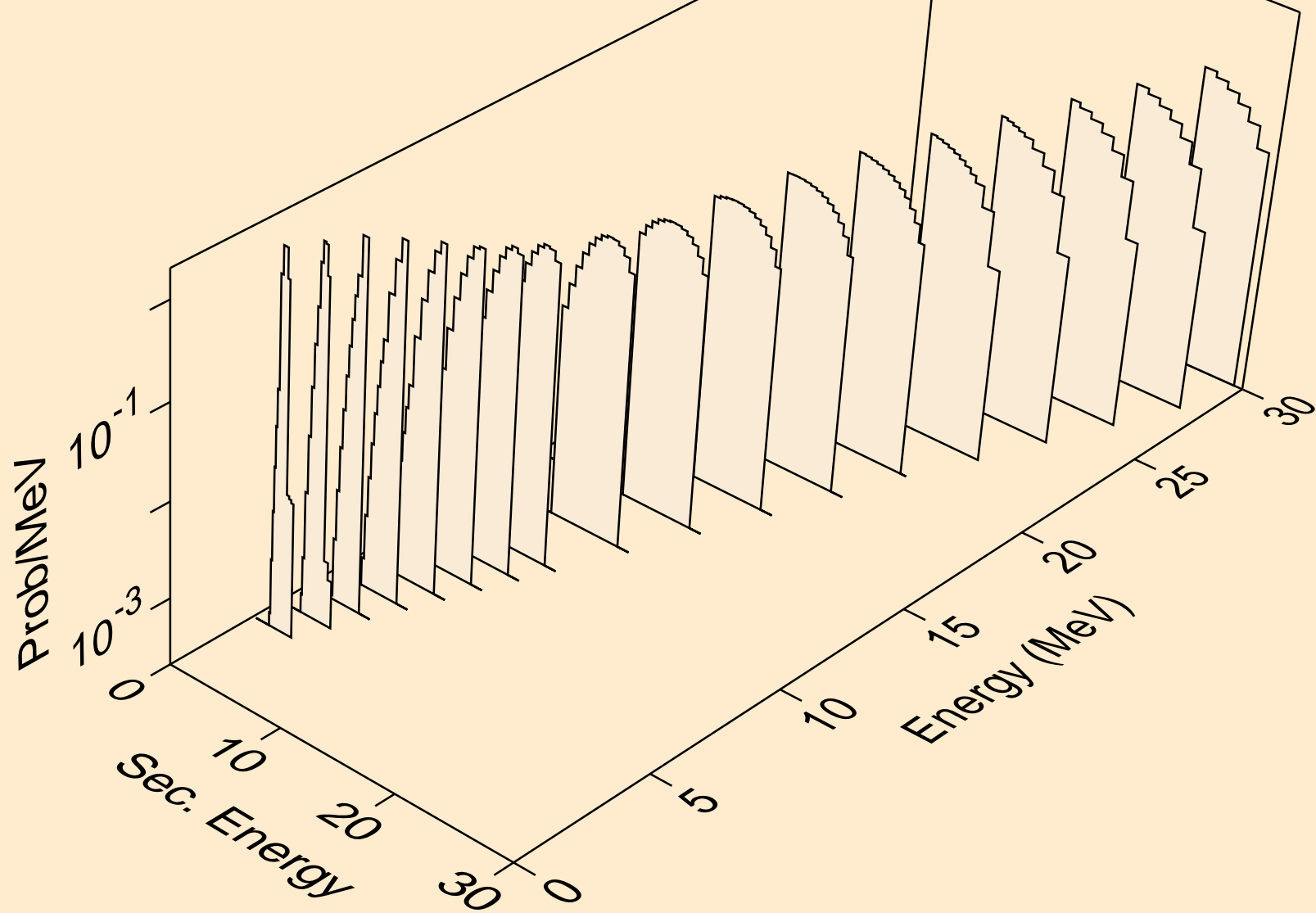
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Proton emission for (p,2np)



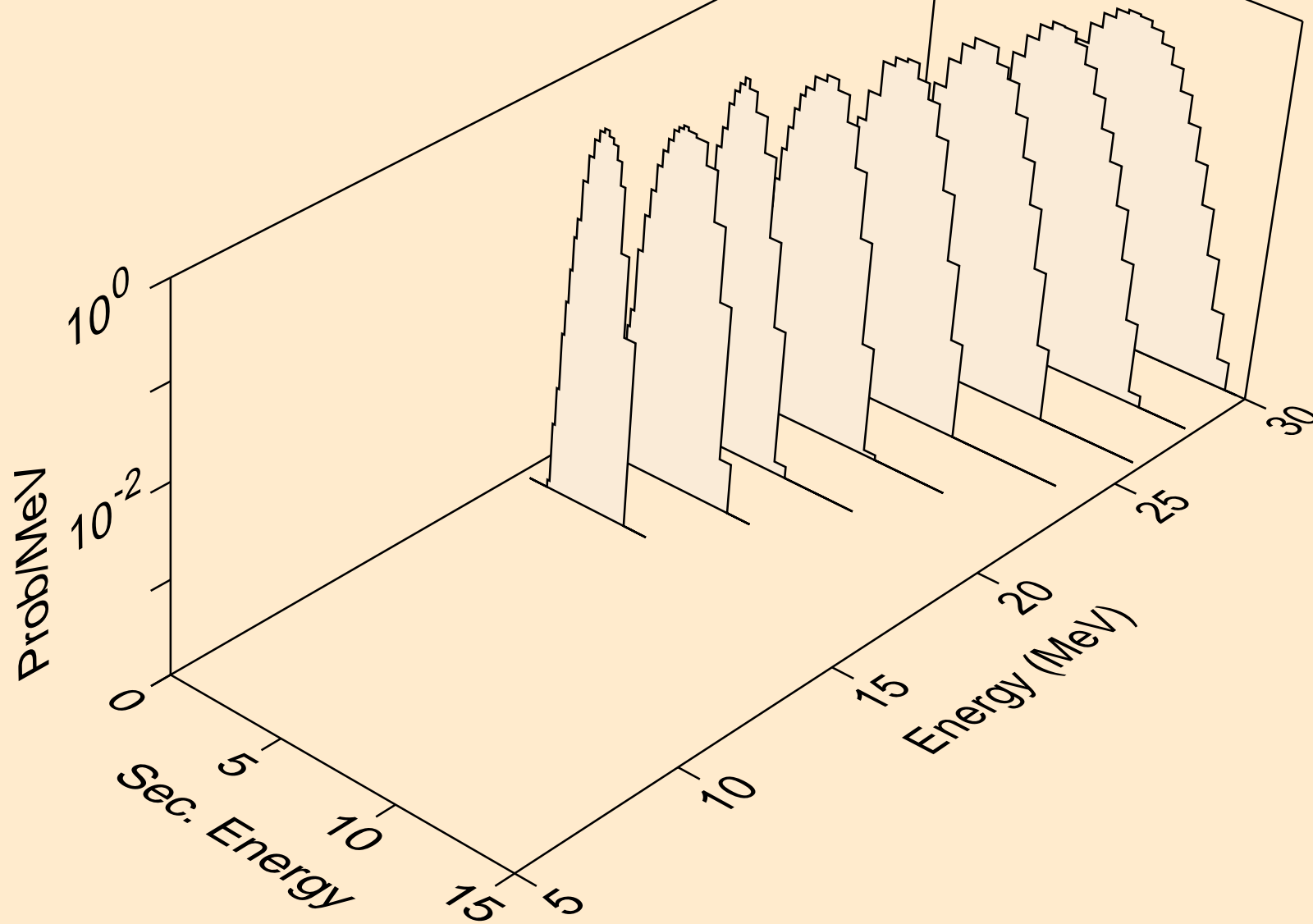
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

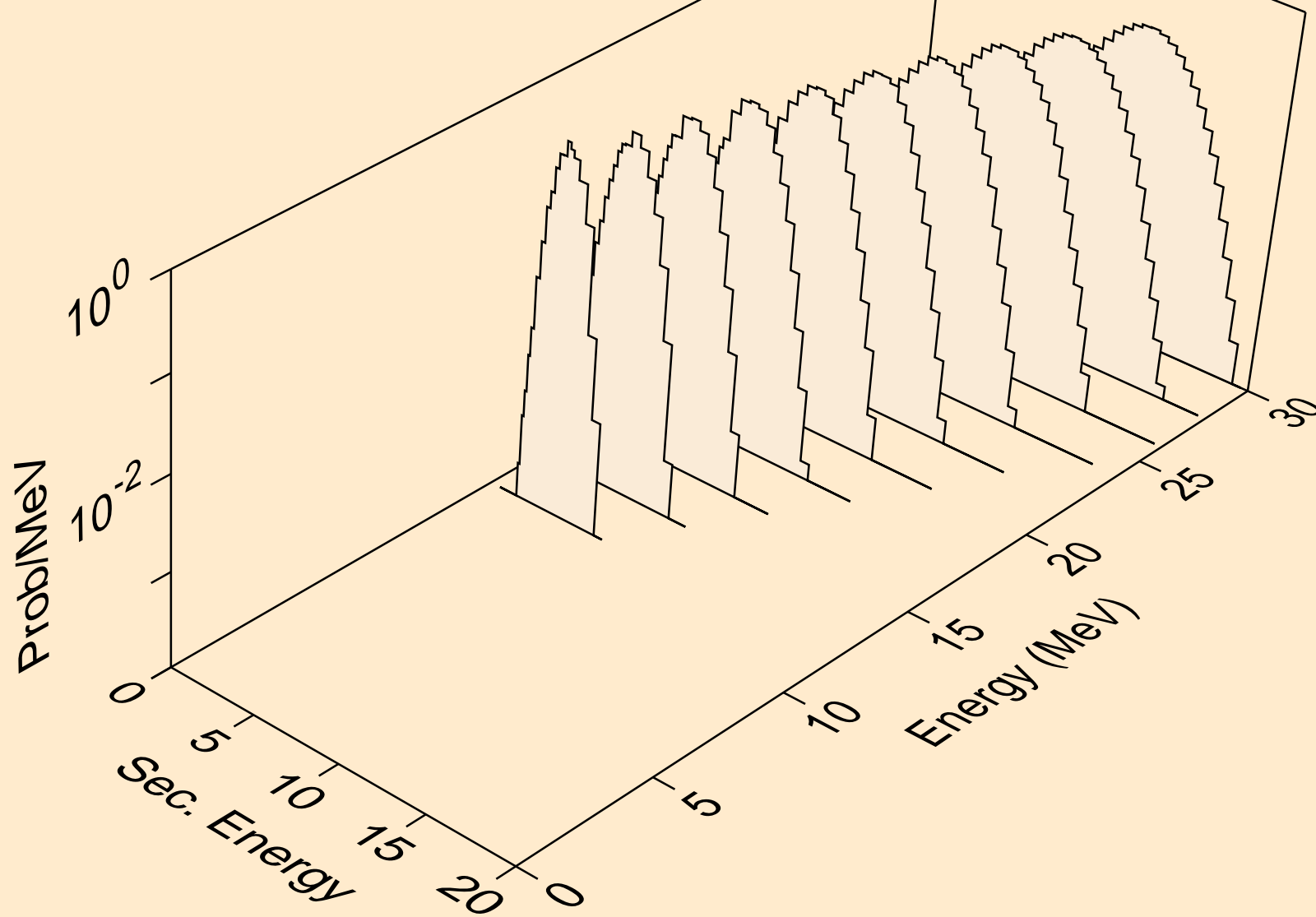


CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)

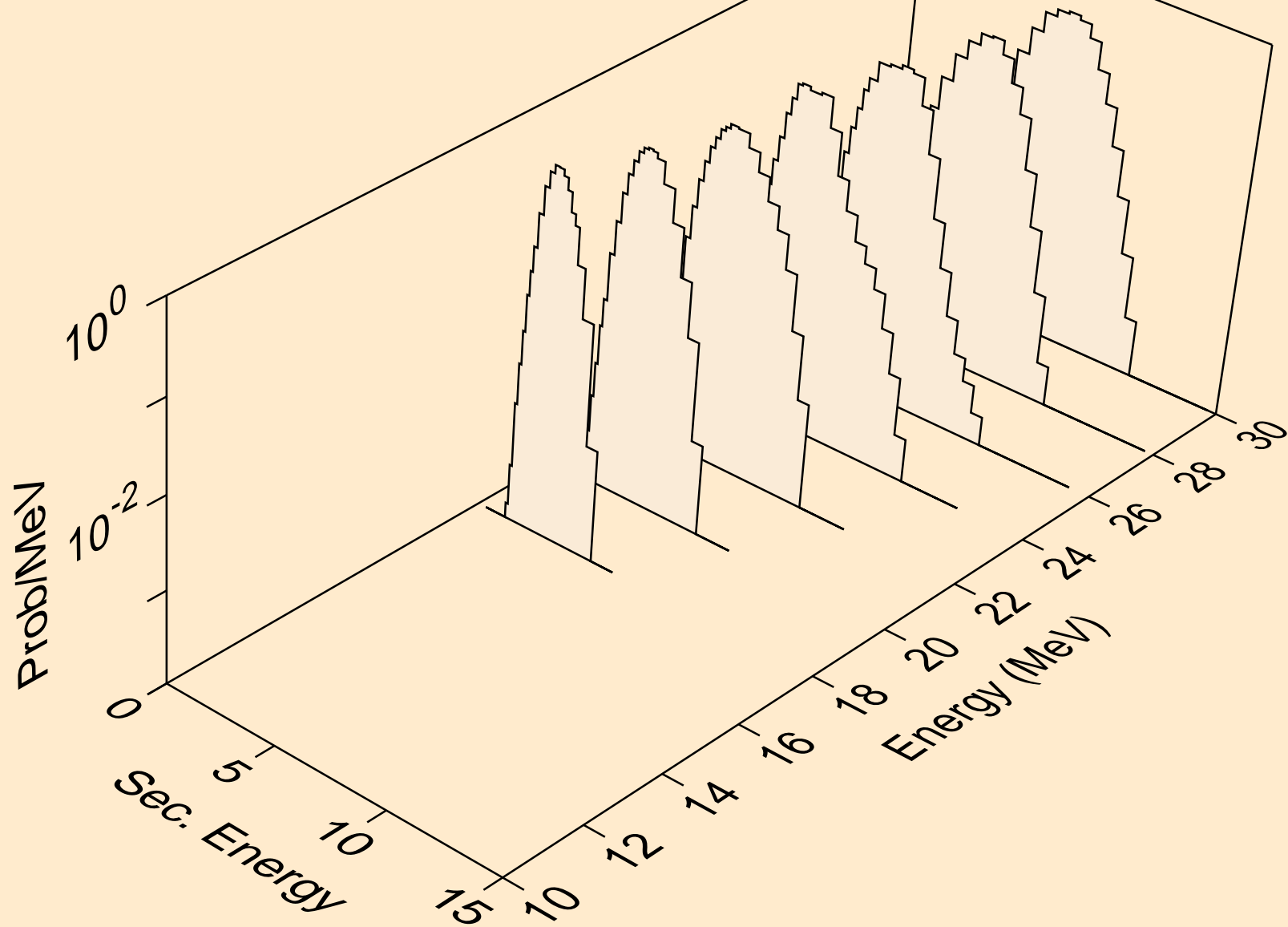




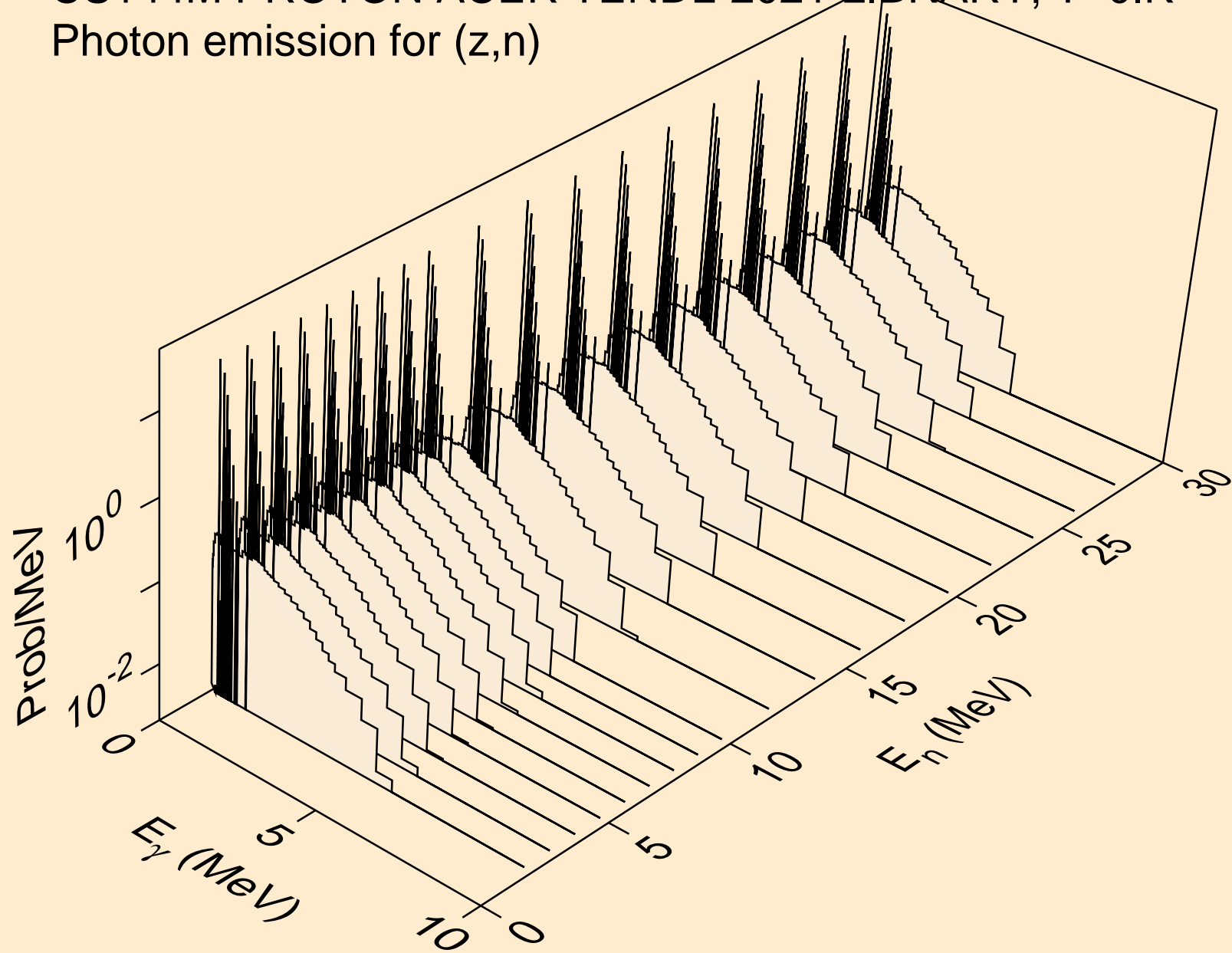
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Proton emission for (p,pa)



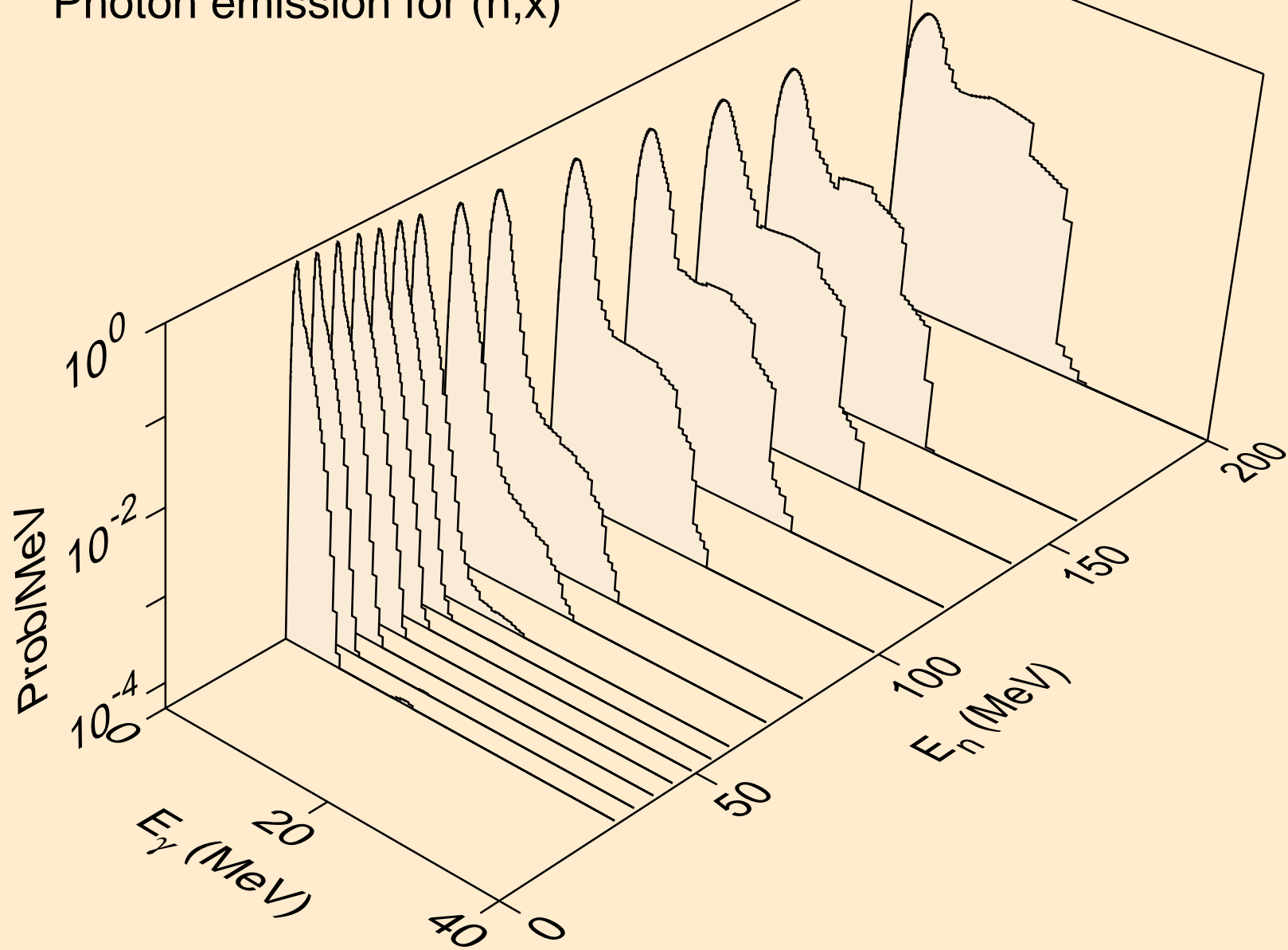
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



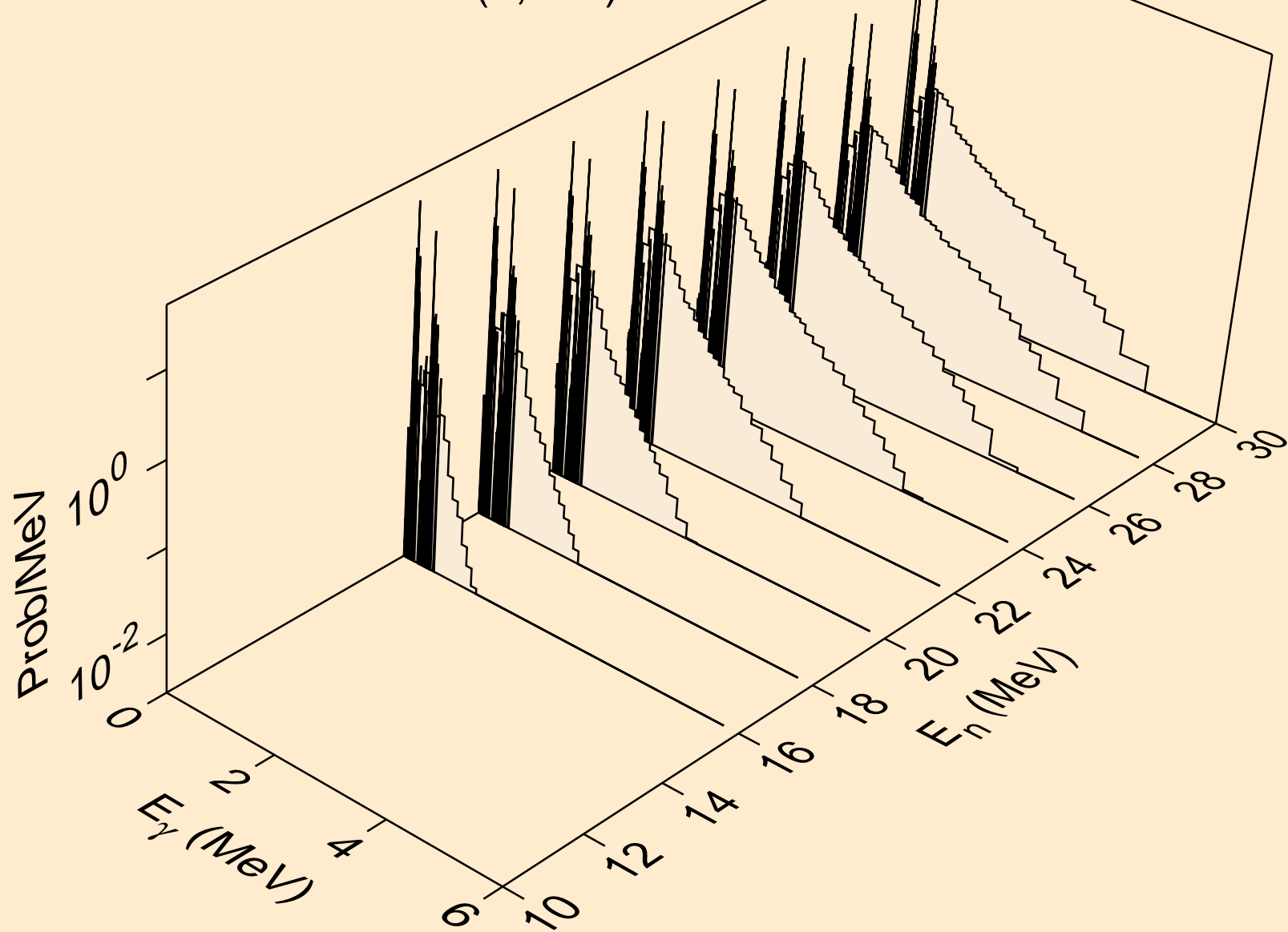
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



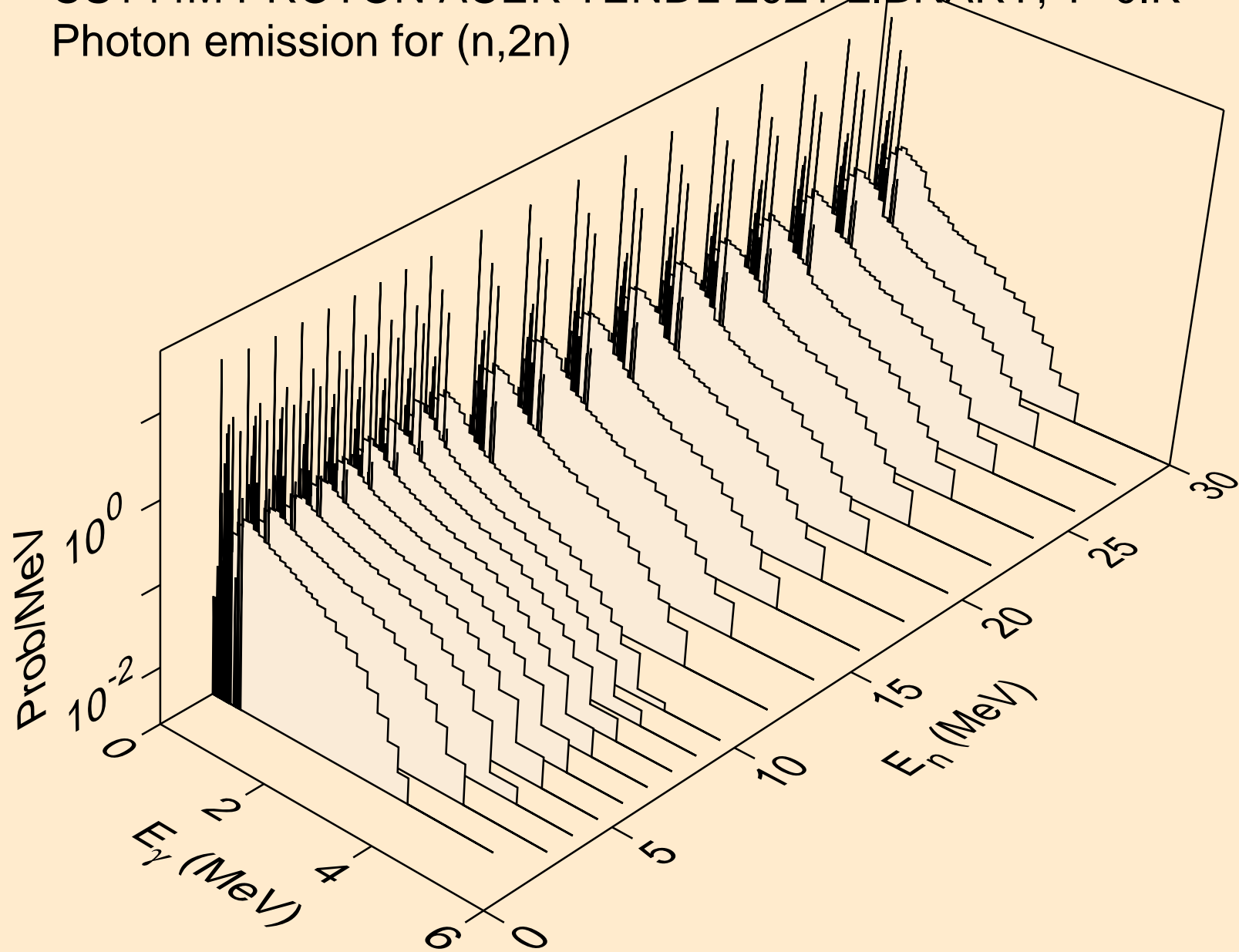
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Photon emission for (n,x)



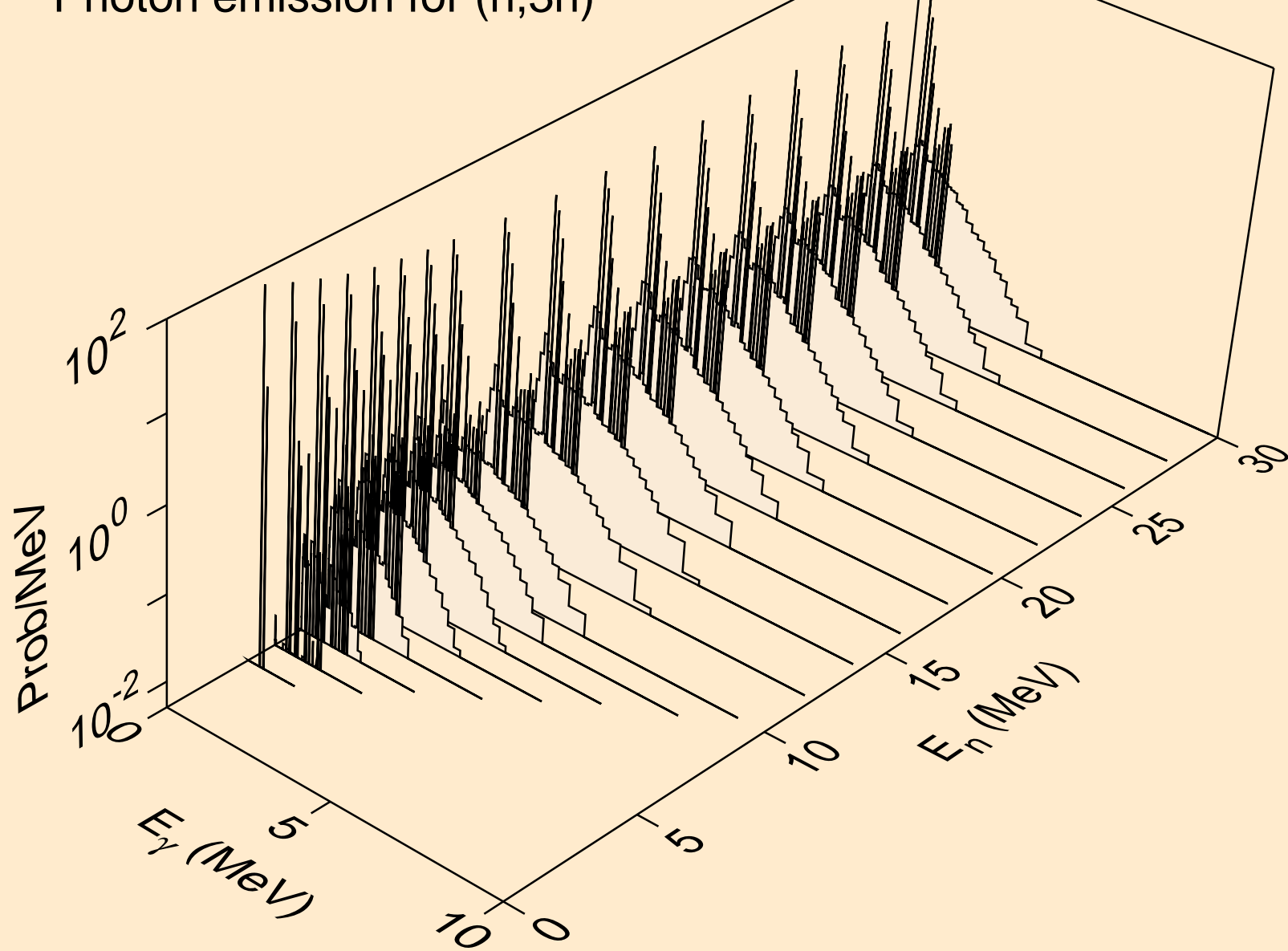
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Photon emission for (n,2nd)



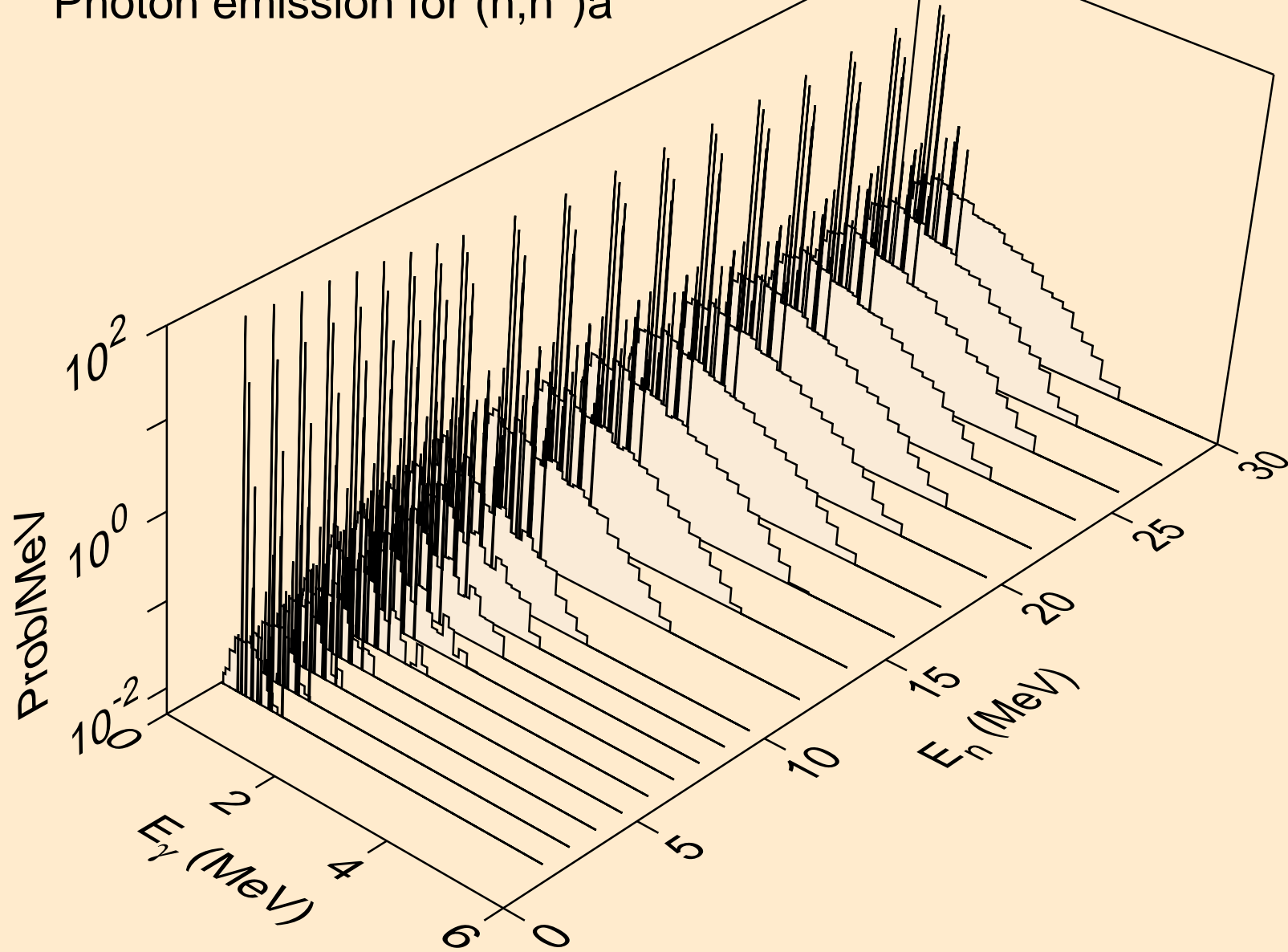
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

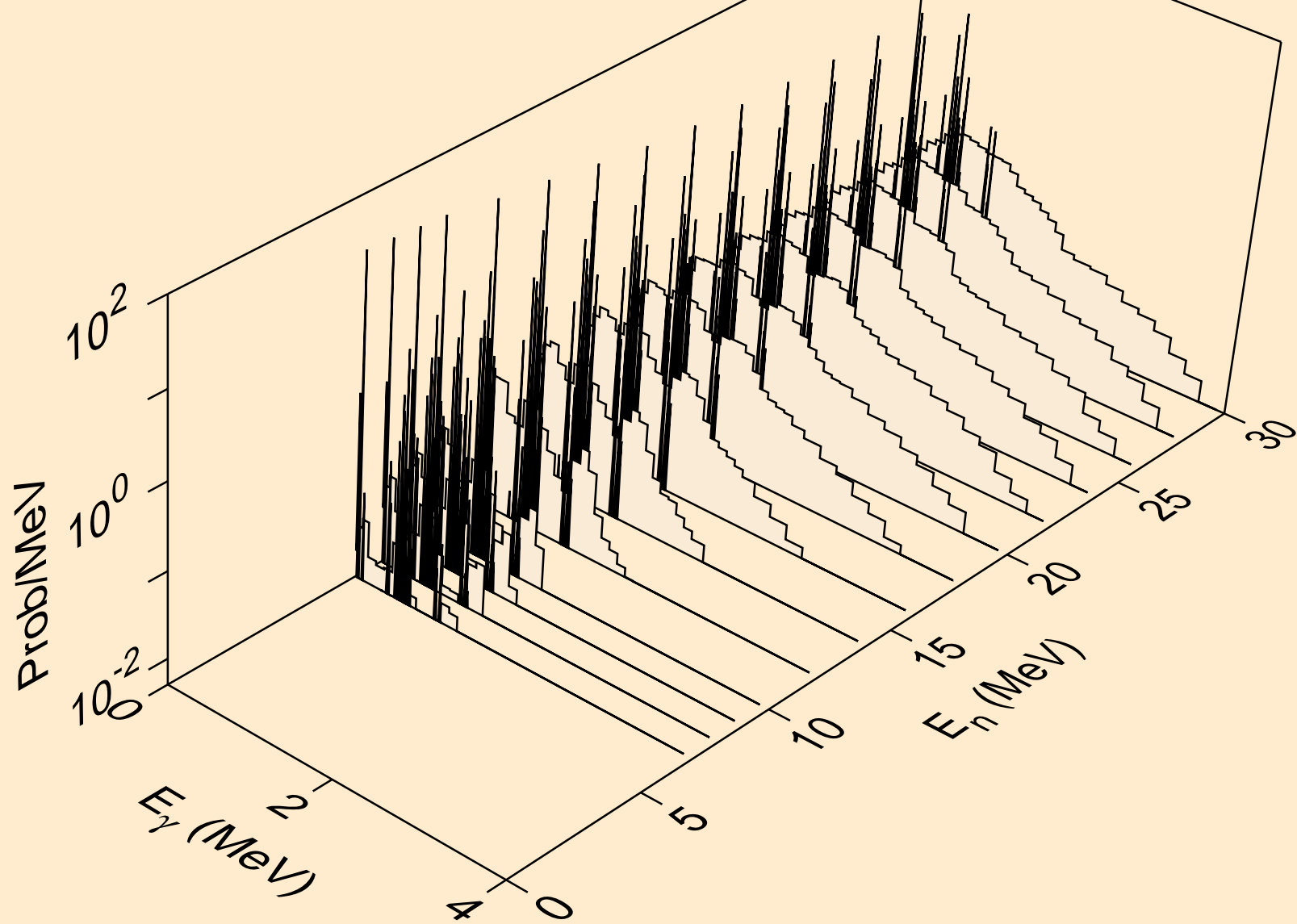


CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

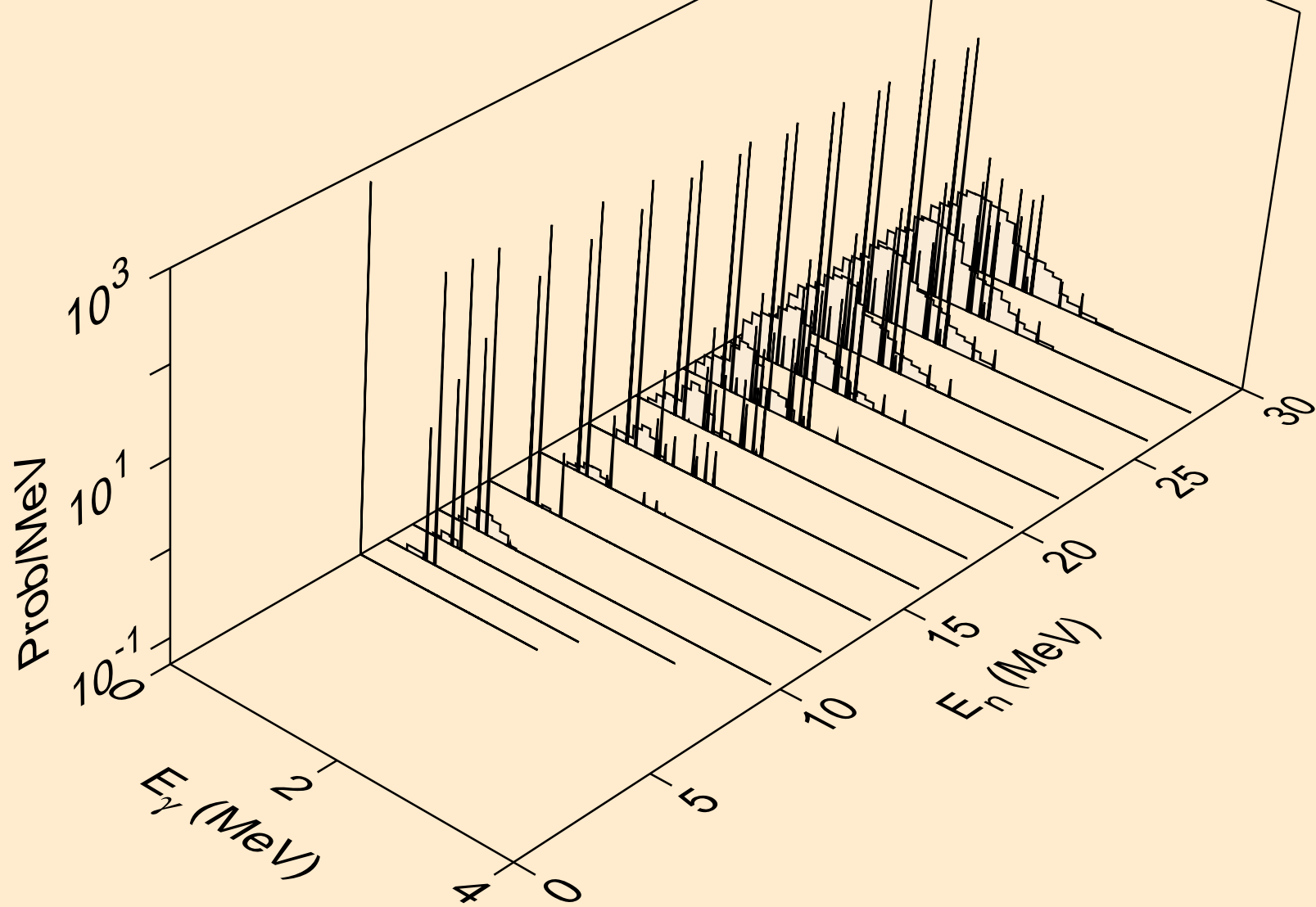




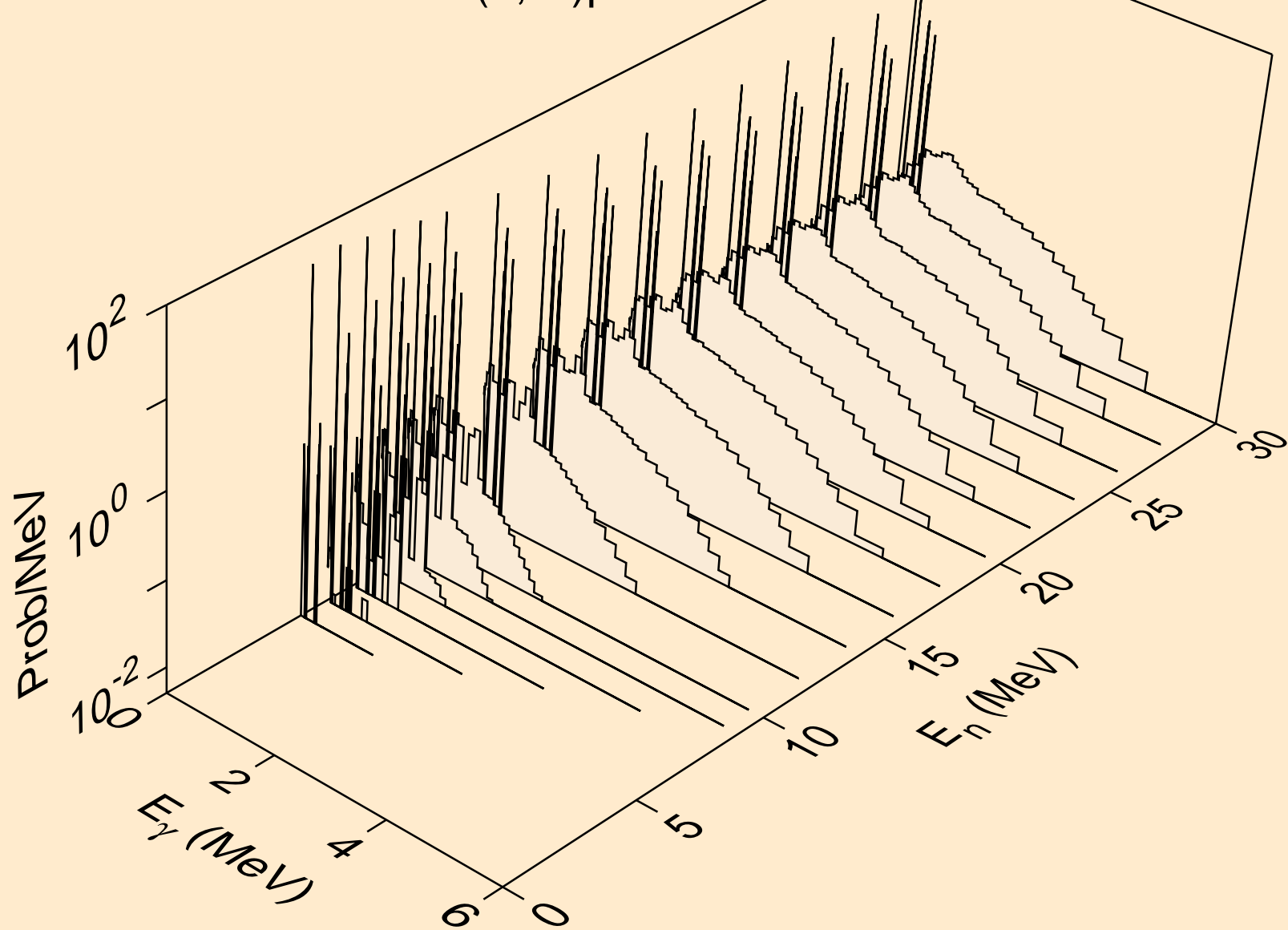
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Photon emission for (n,2n)a



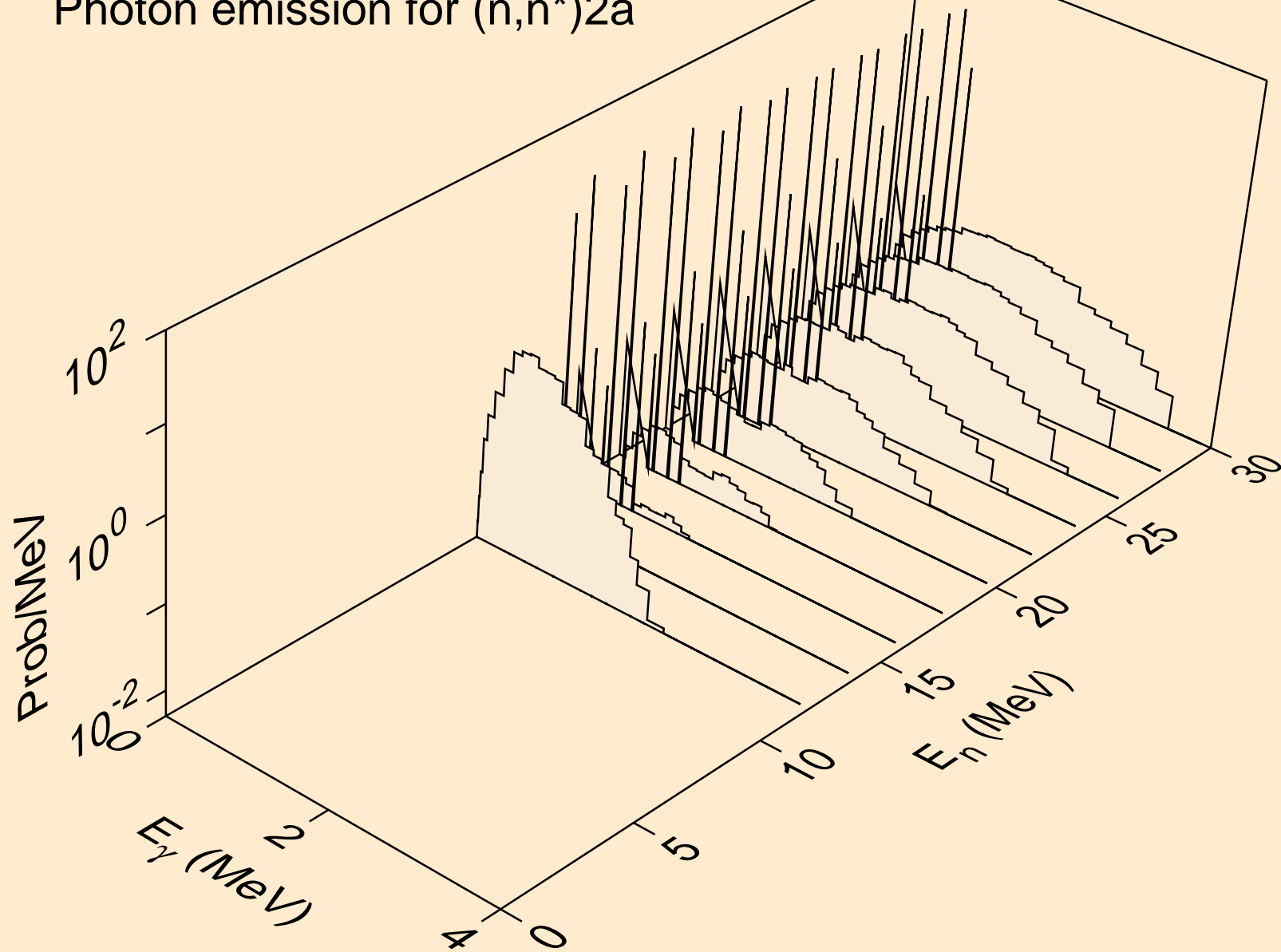
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Photon emission for (n,3n)a



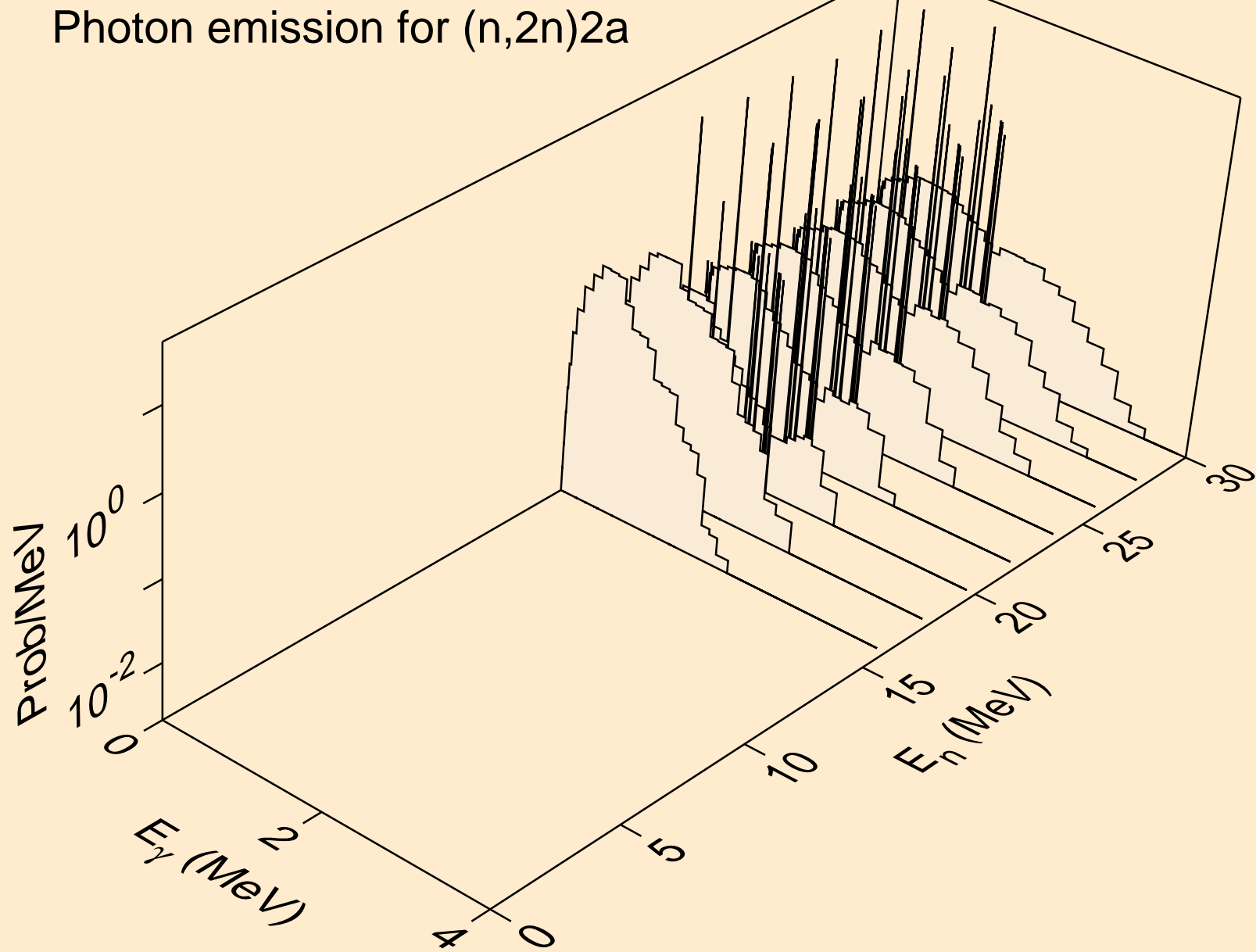
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Photon emission for (n,n\*)p



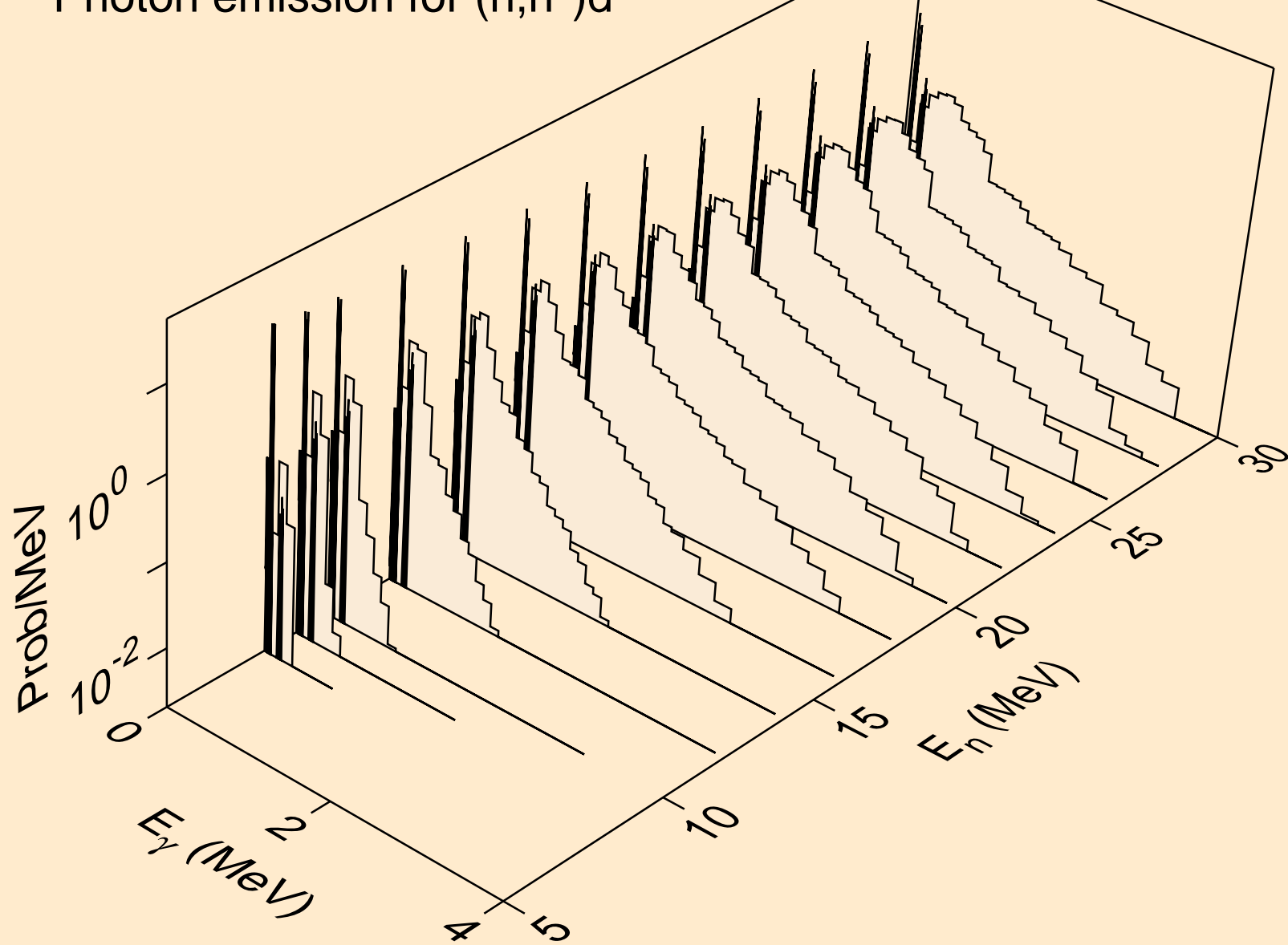
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Photon emission for (n,n\*)2a



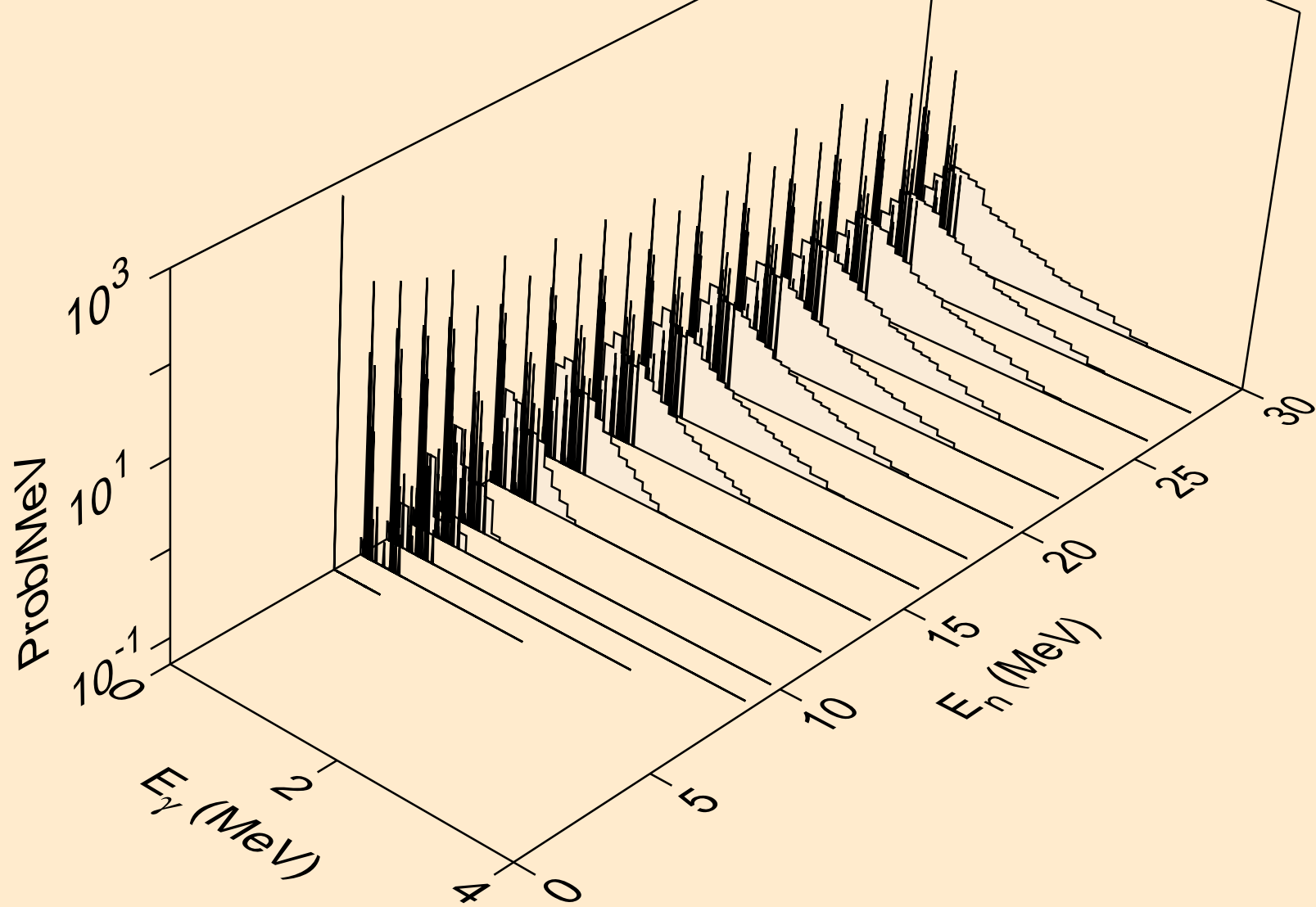
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Photon emission for (n,2n)2a



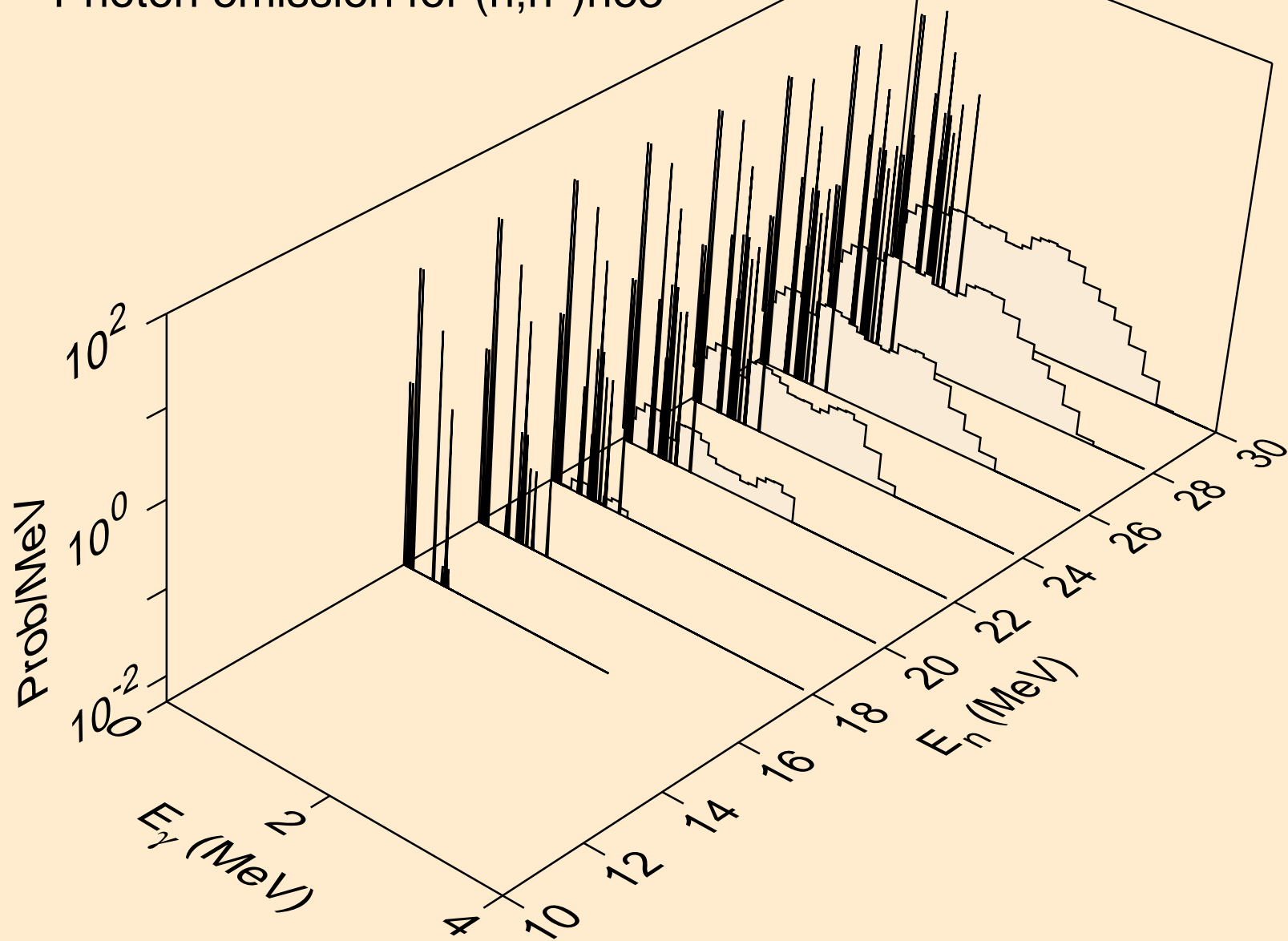
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

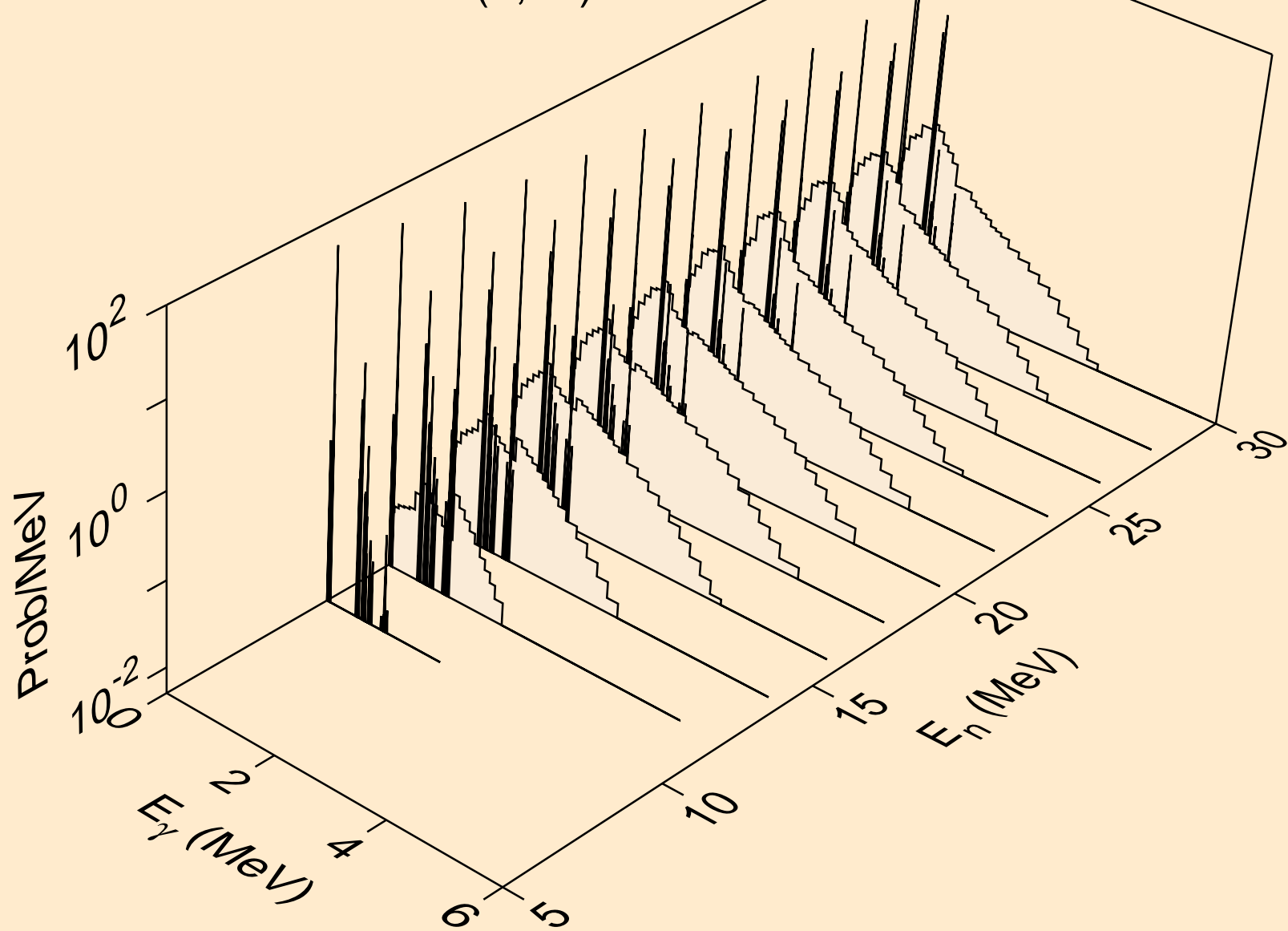


CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

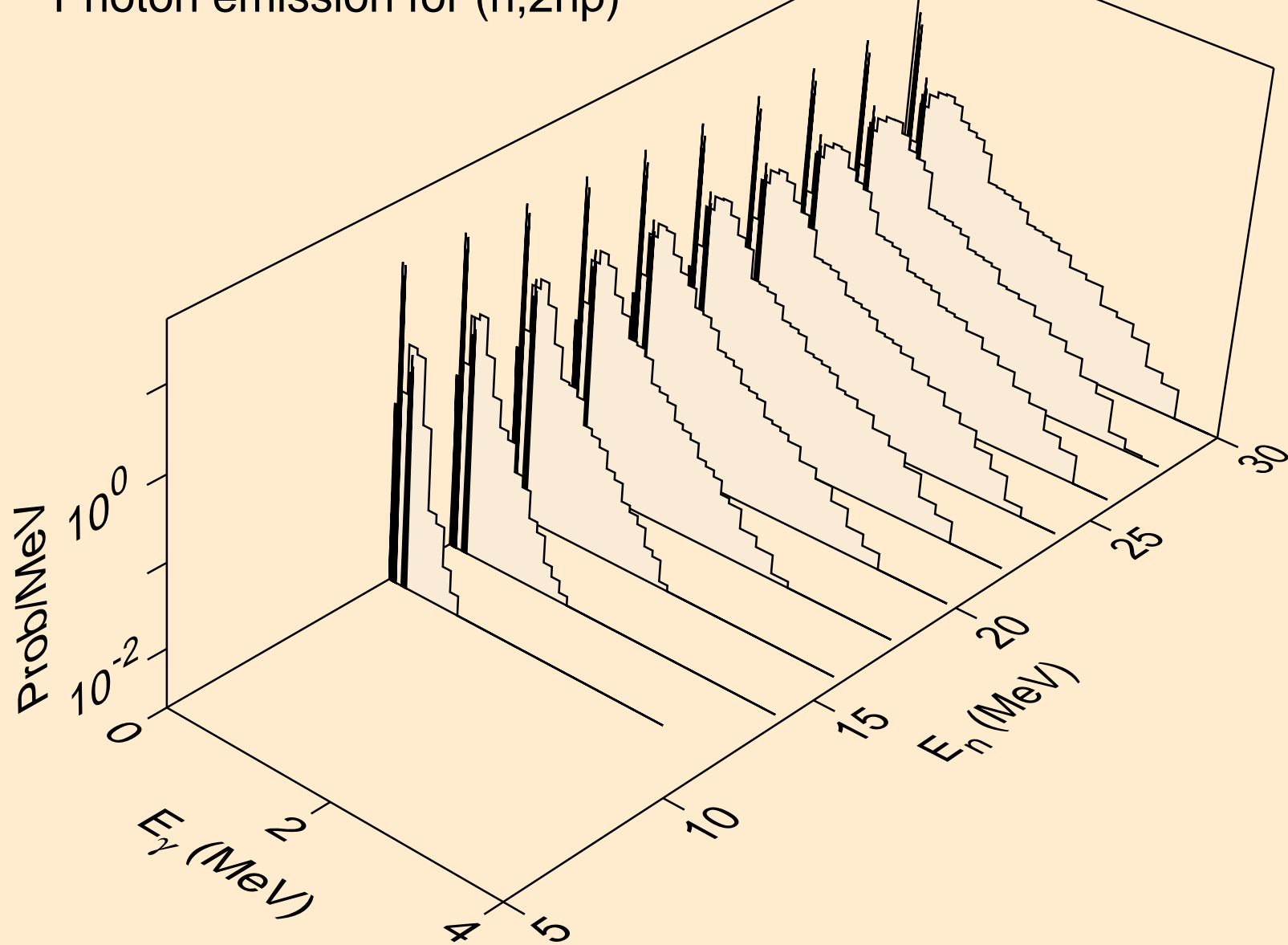




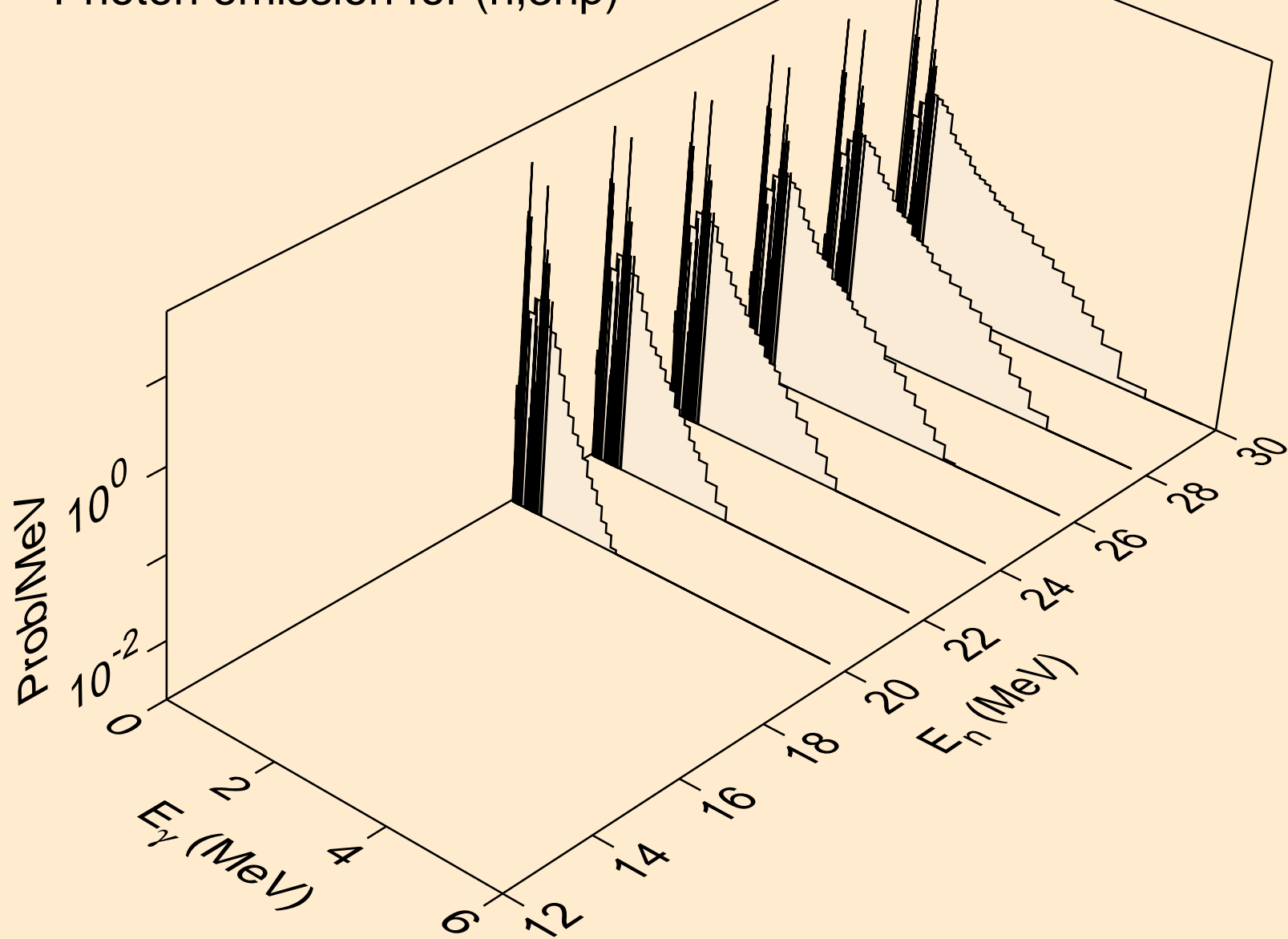
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Photon emission for (n,4n)



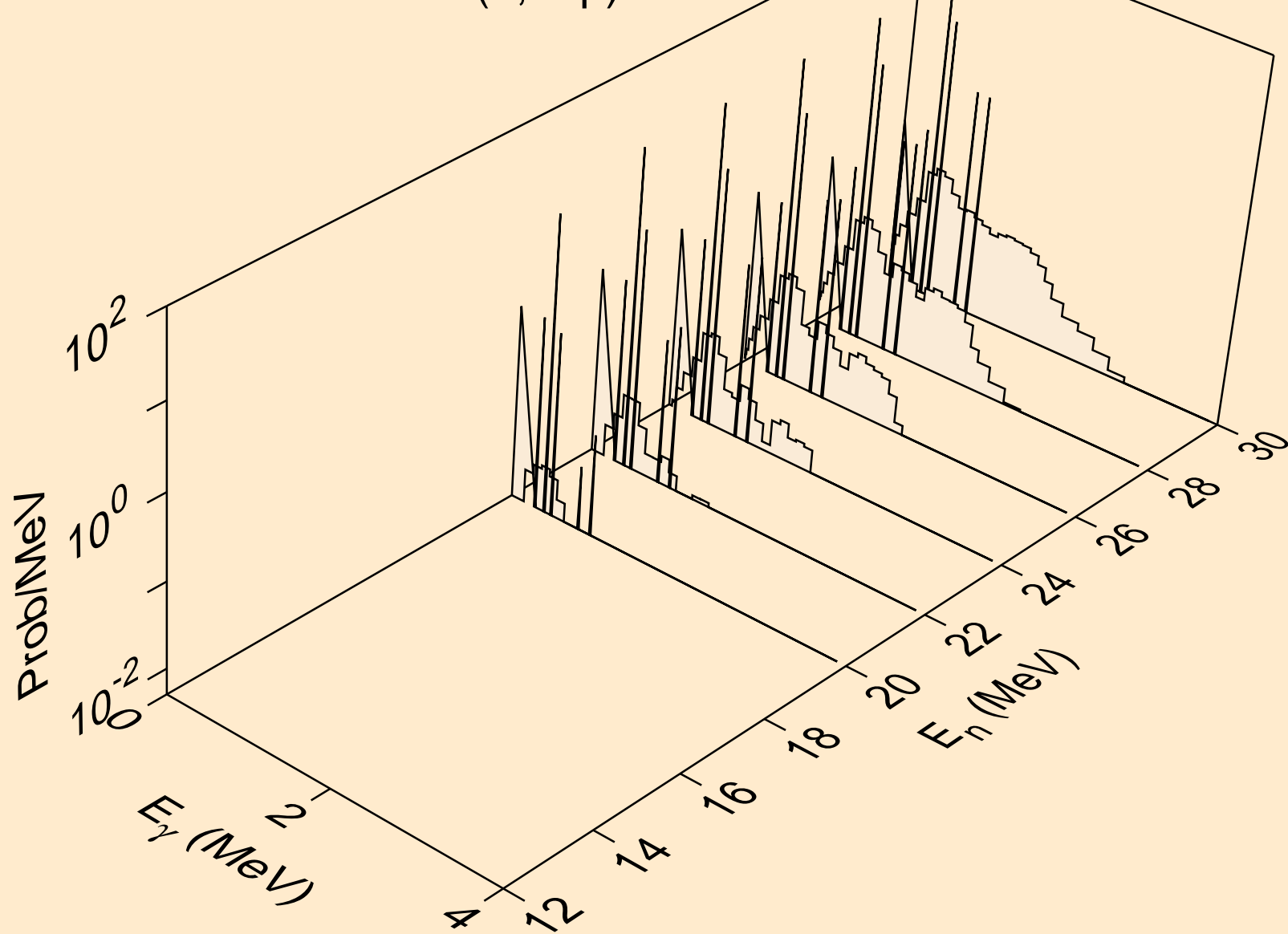
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Photon emission for (n,2np)



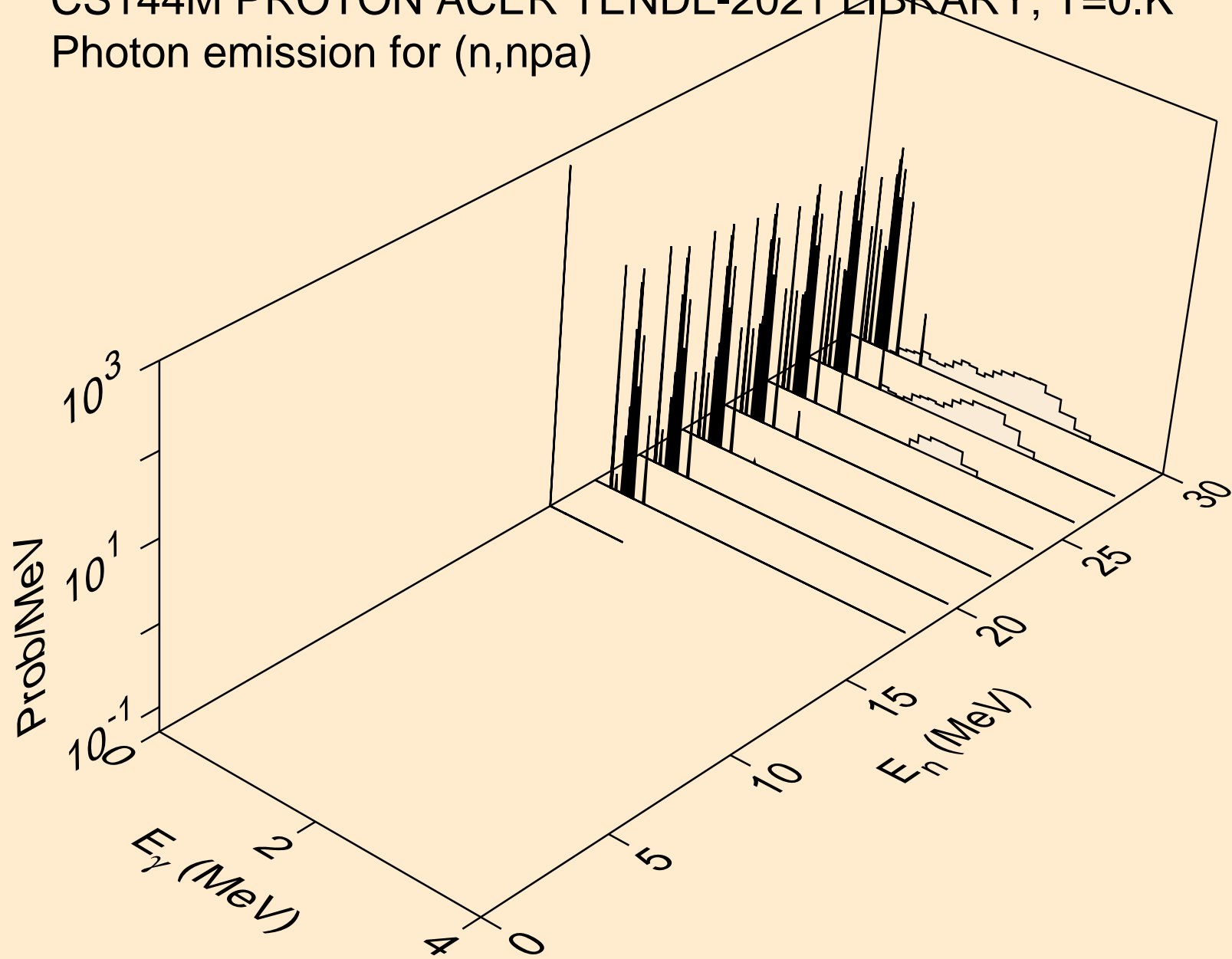
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Photon emission for (n,3np)



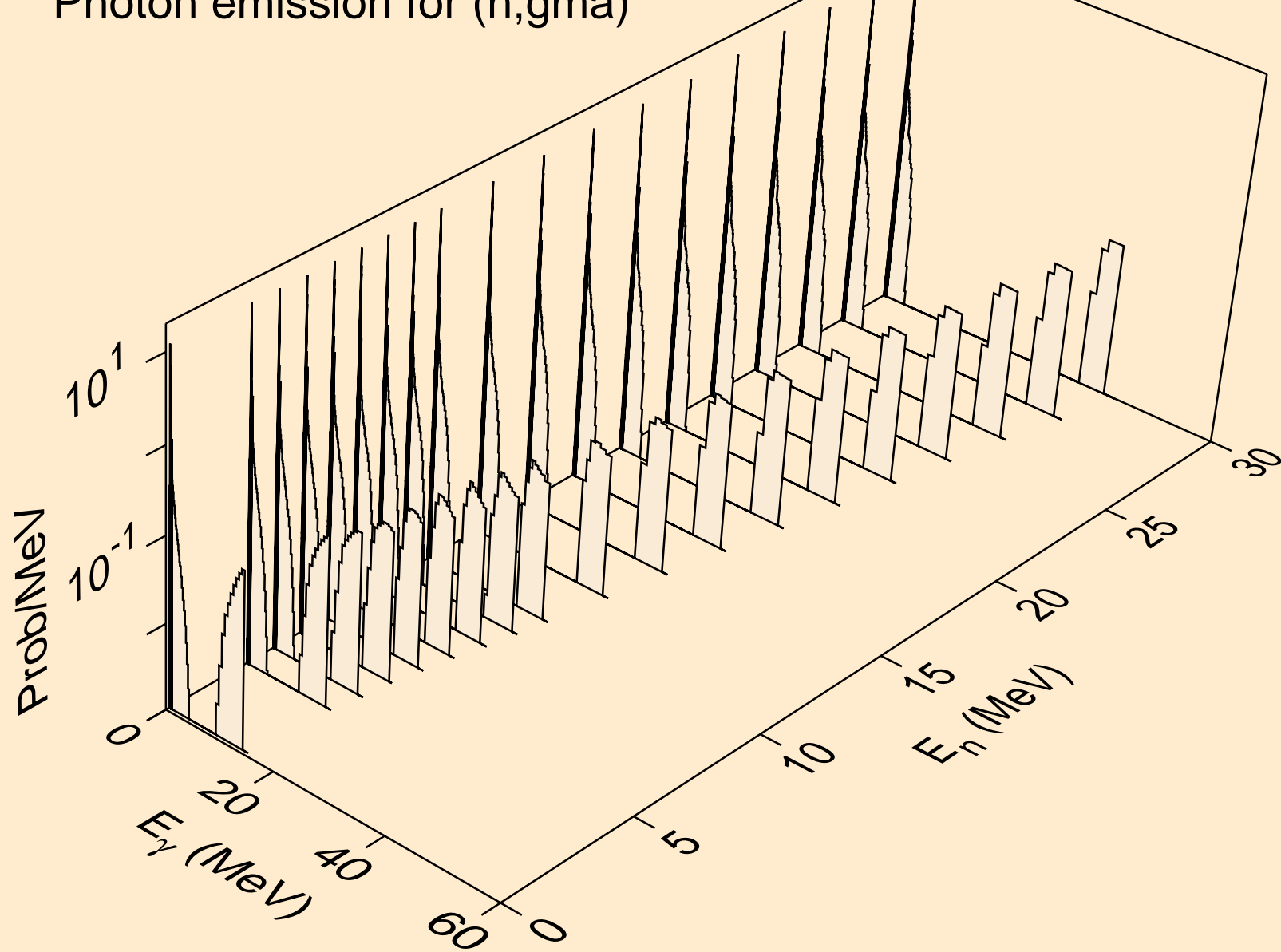
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Photon emission for (n,2np)



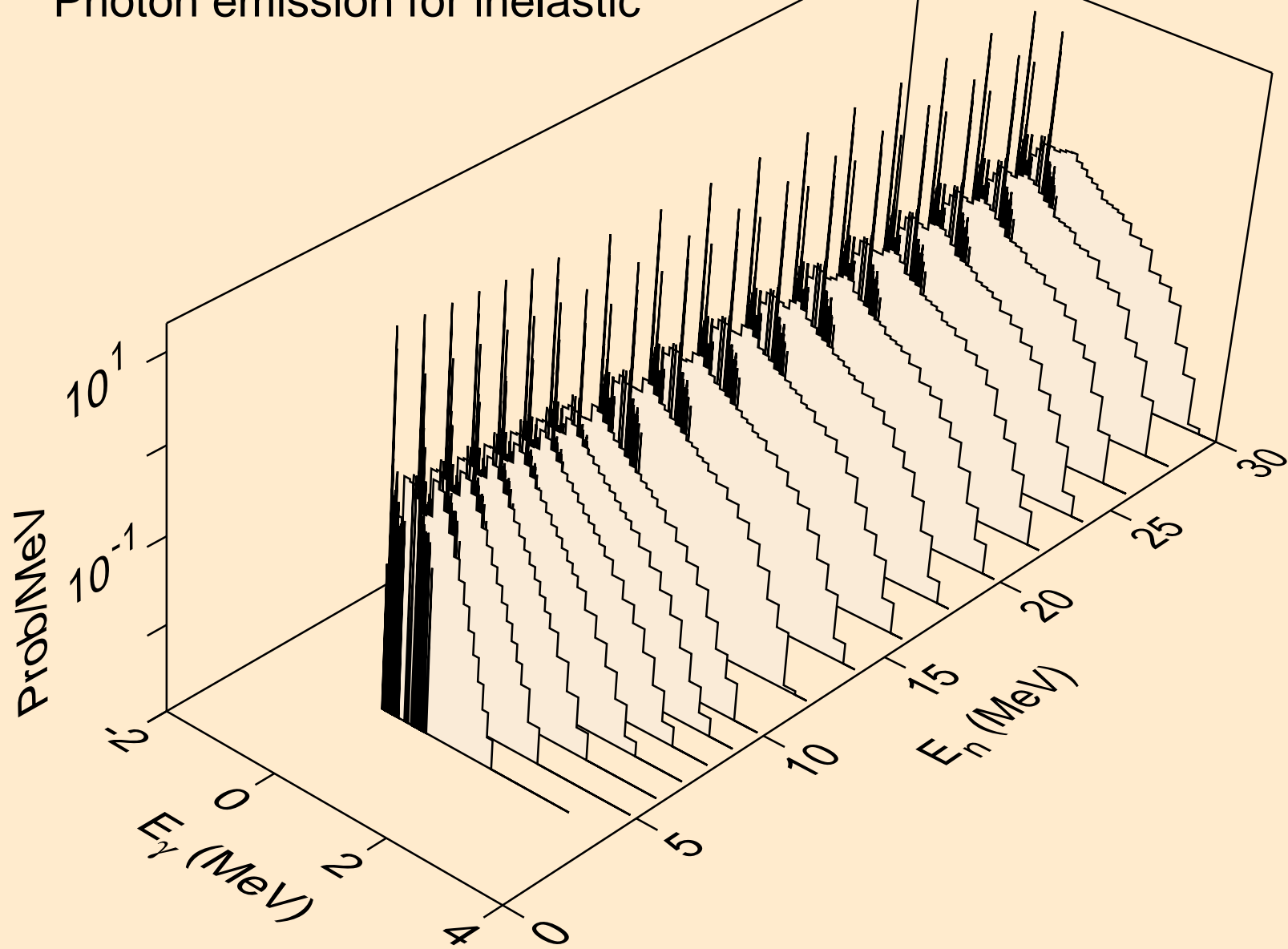
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Photon emission for (n,npa)



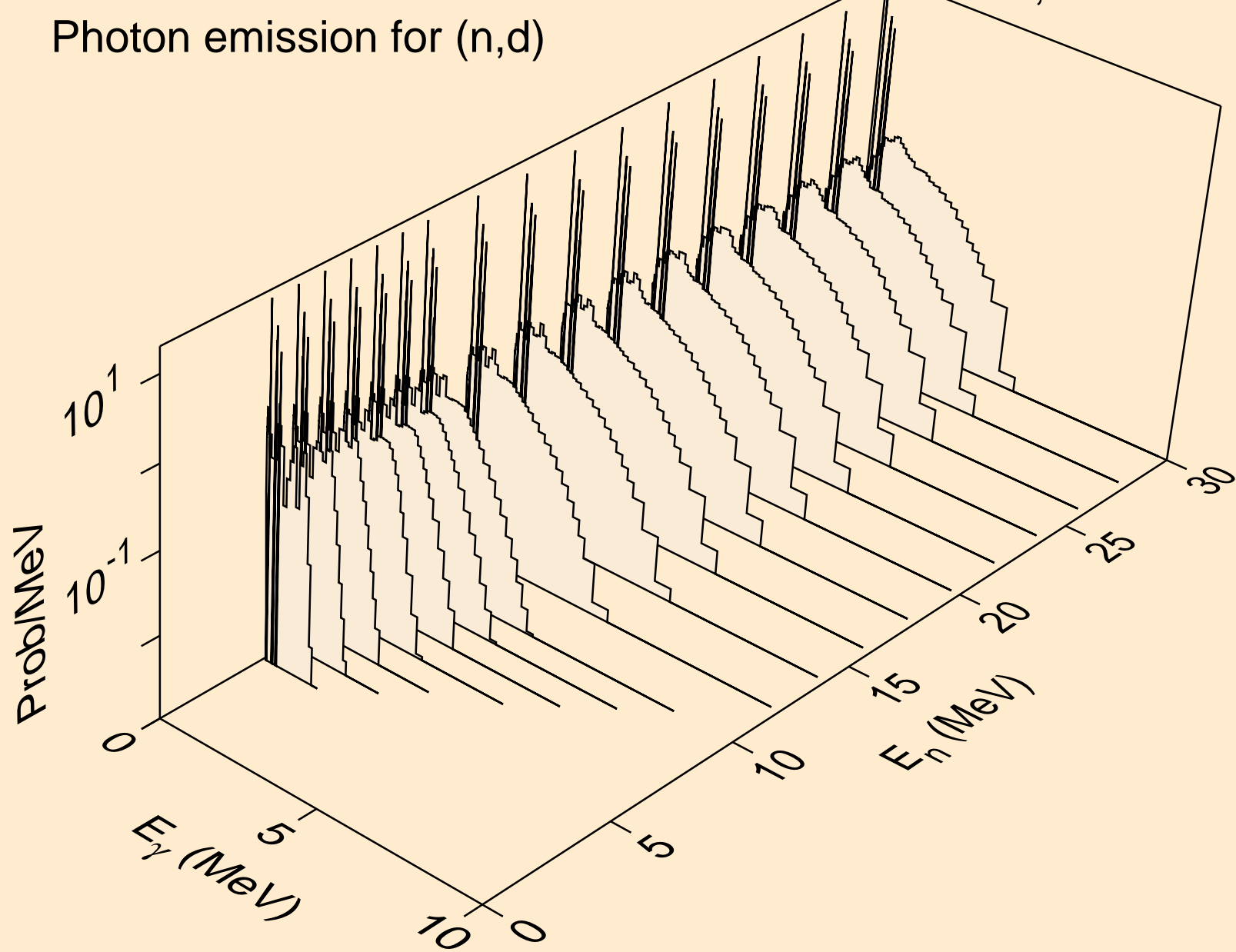
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

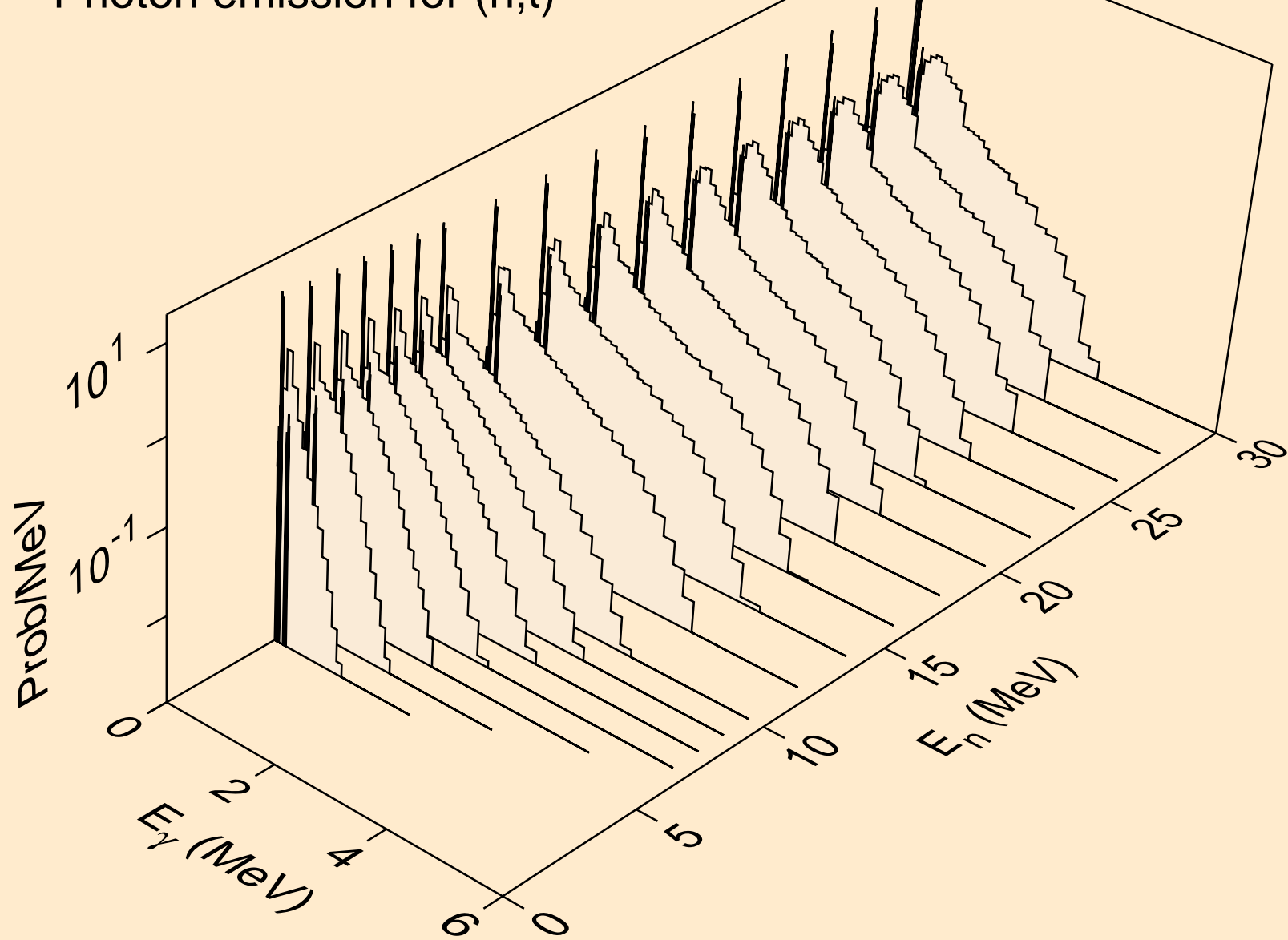


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Photon emission for (n,d)

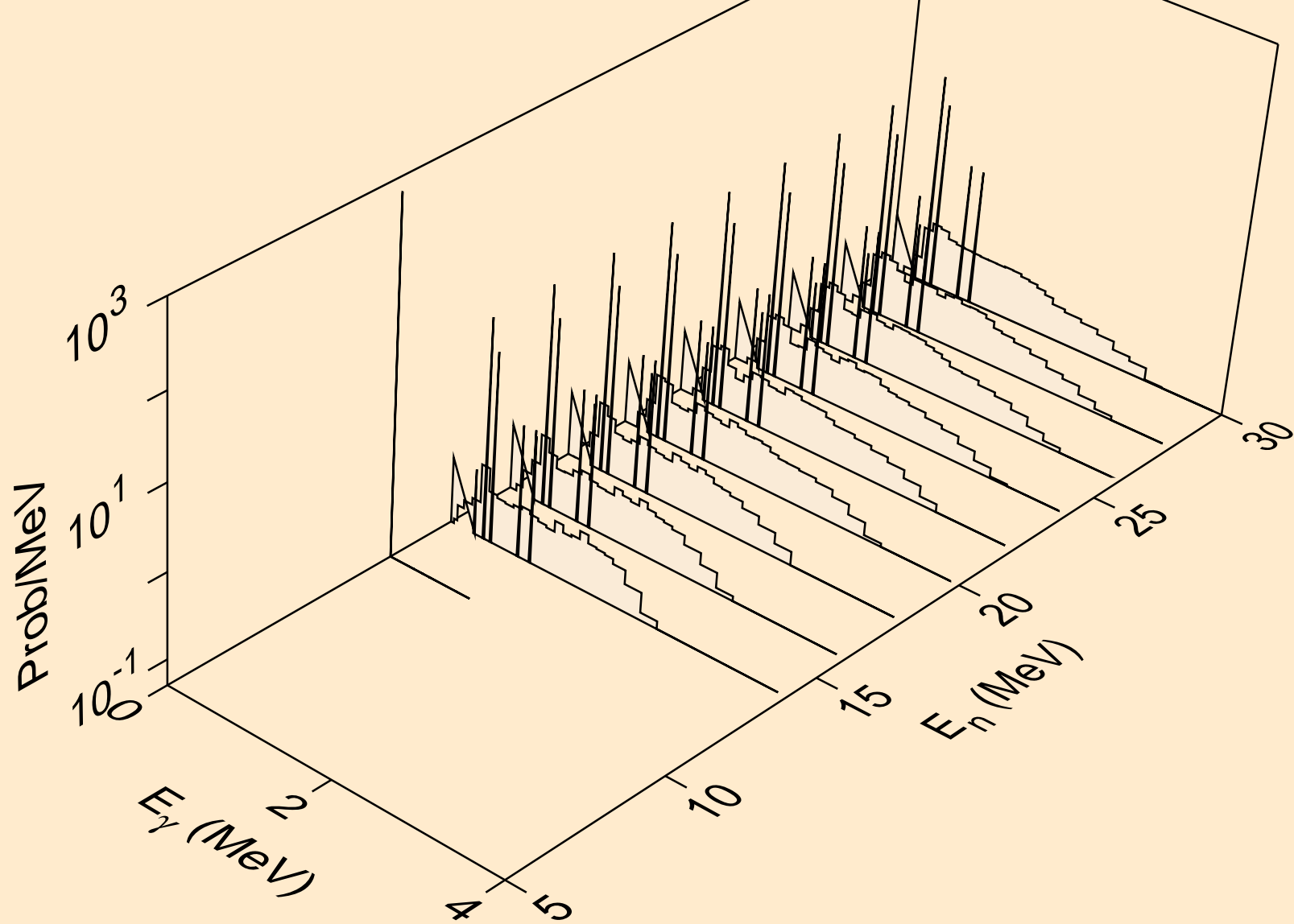




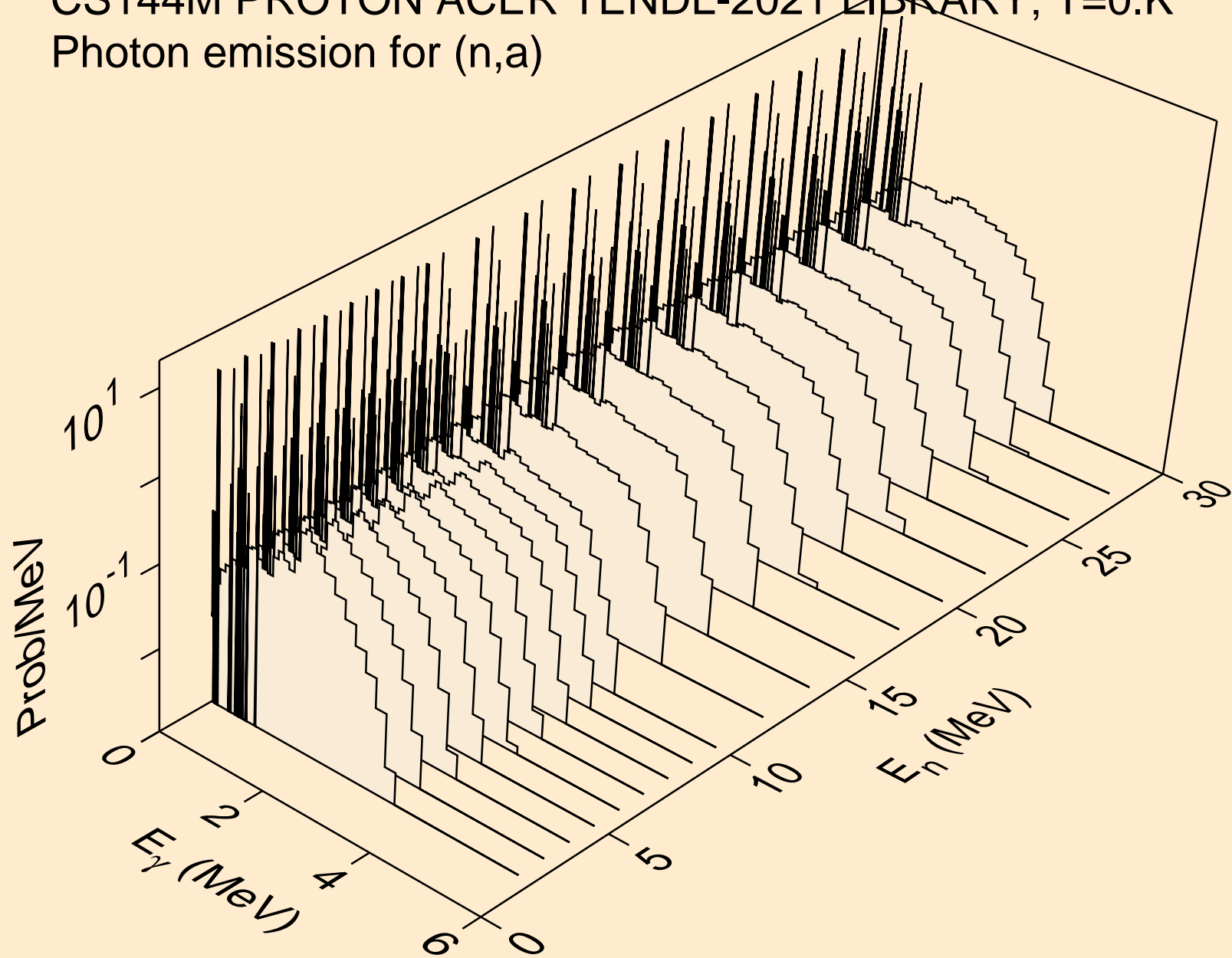
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Photon emission for (n,t)



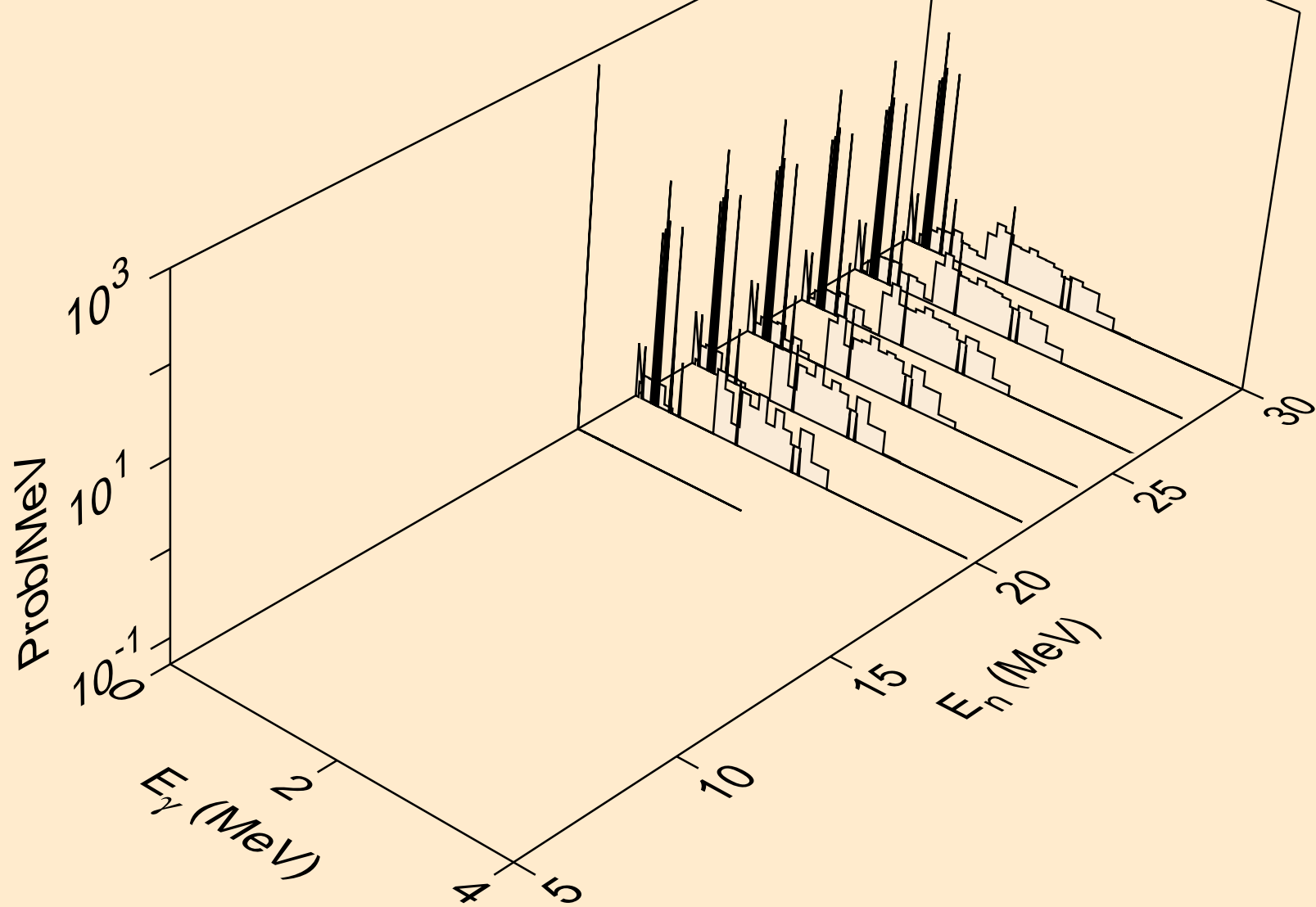
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Photon emission for (n,he3)



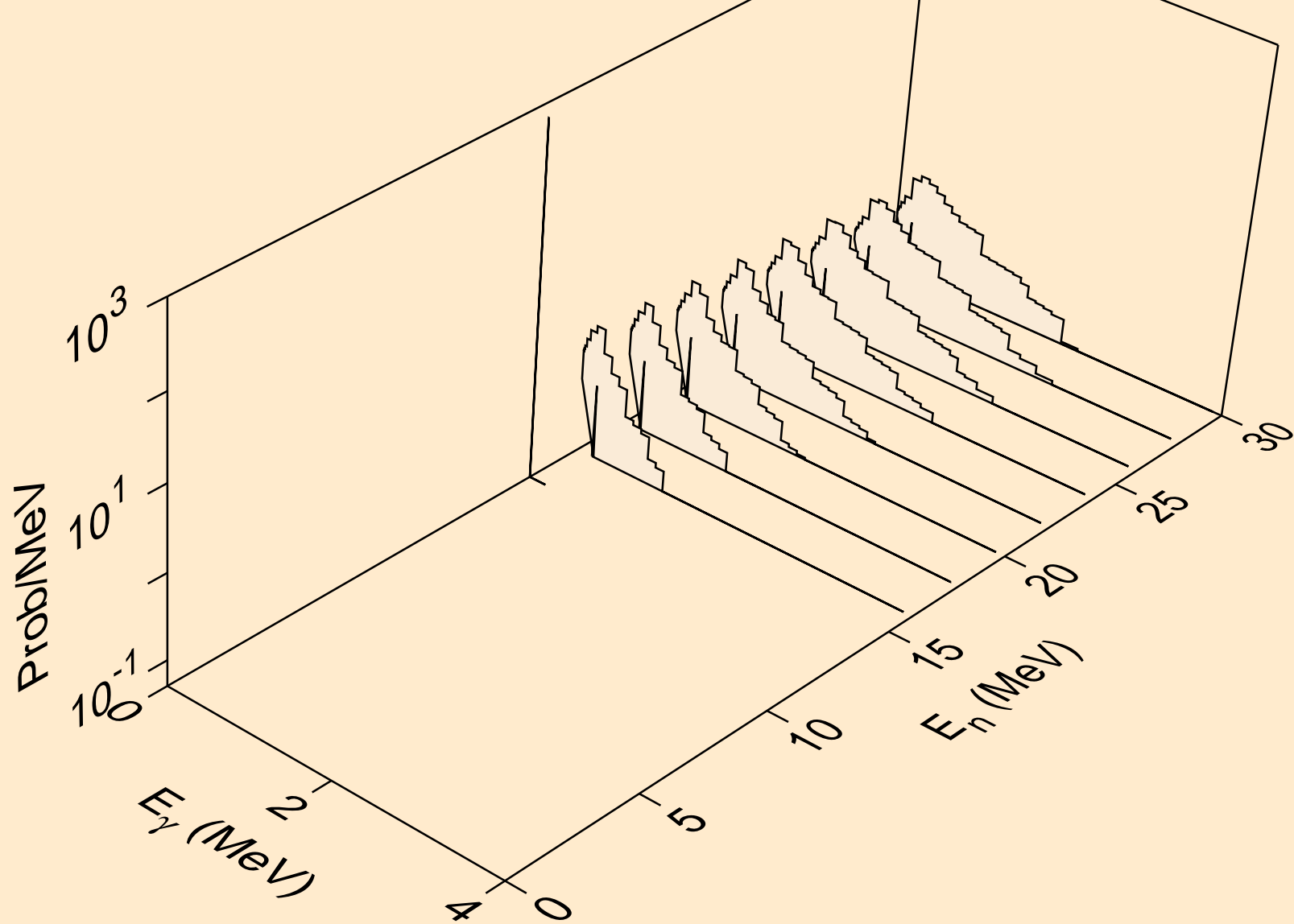
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Photon emission for (n,a)



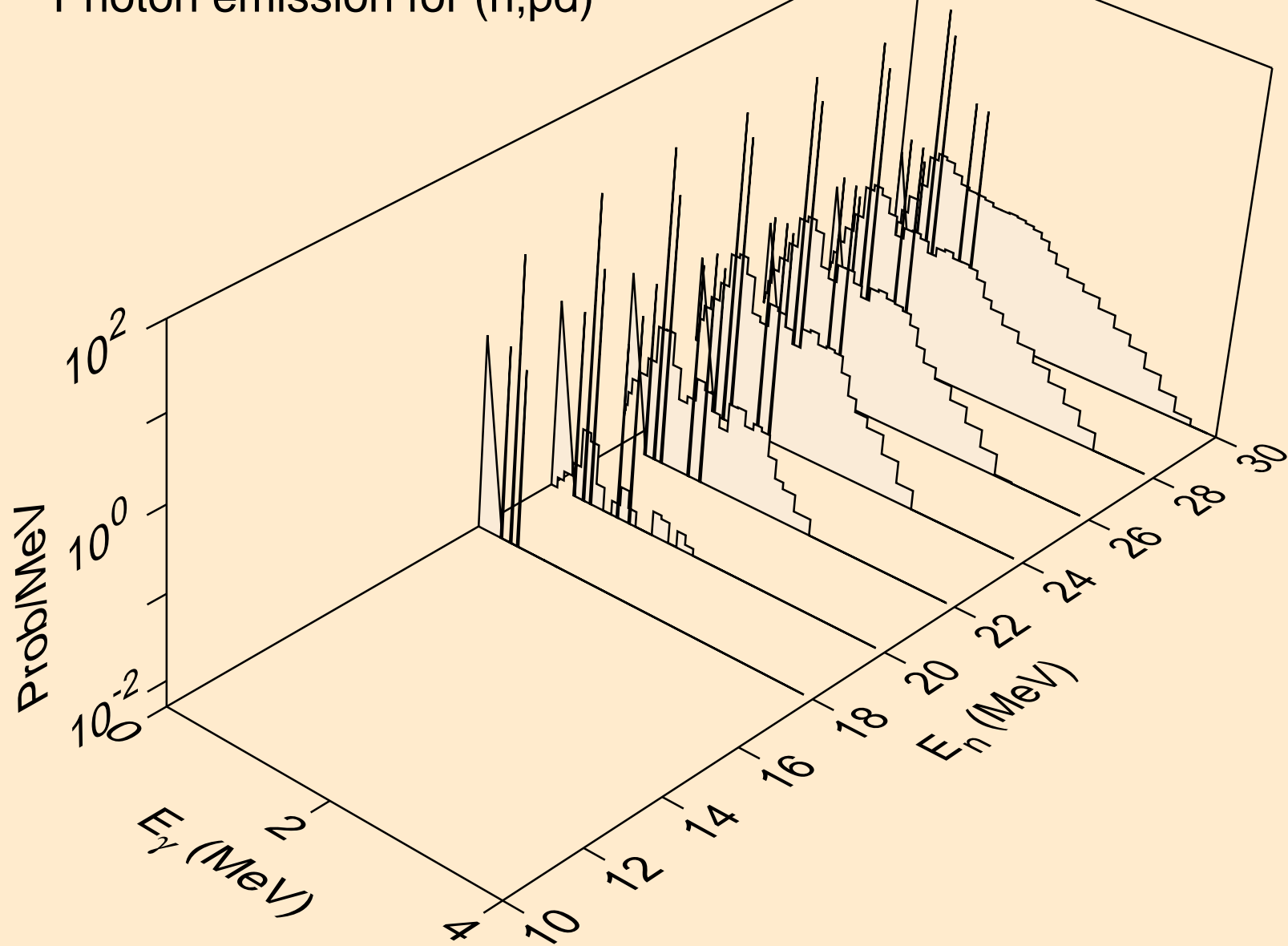
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Photon emission for (n,2p)



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

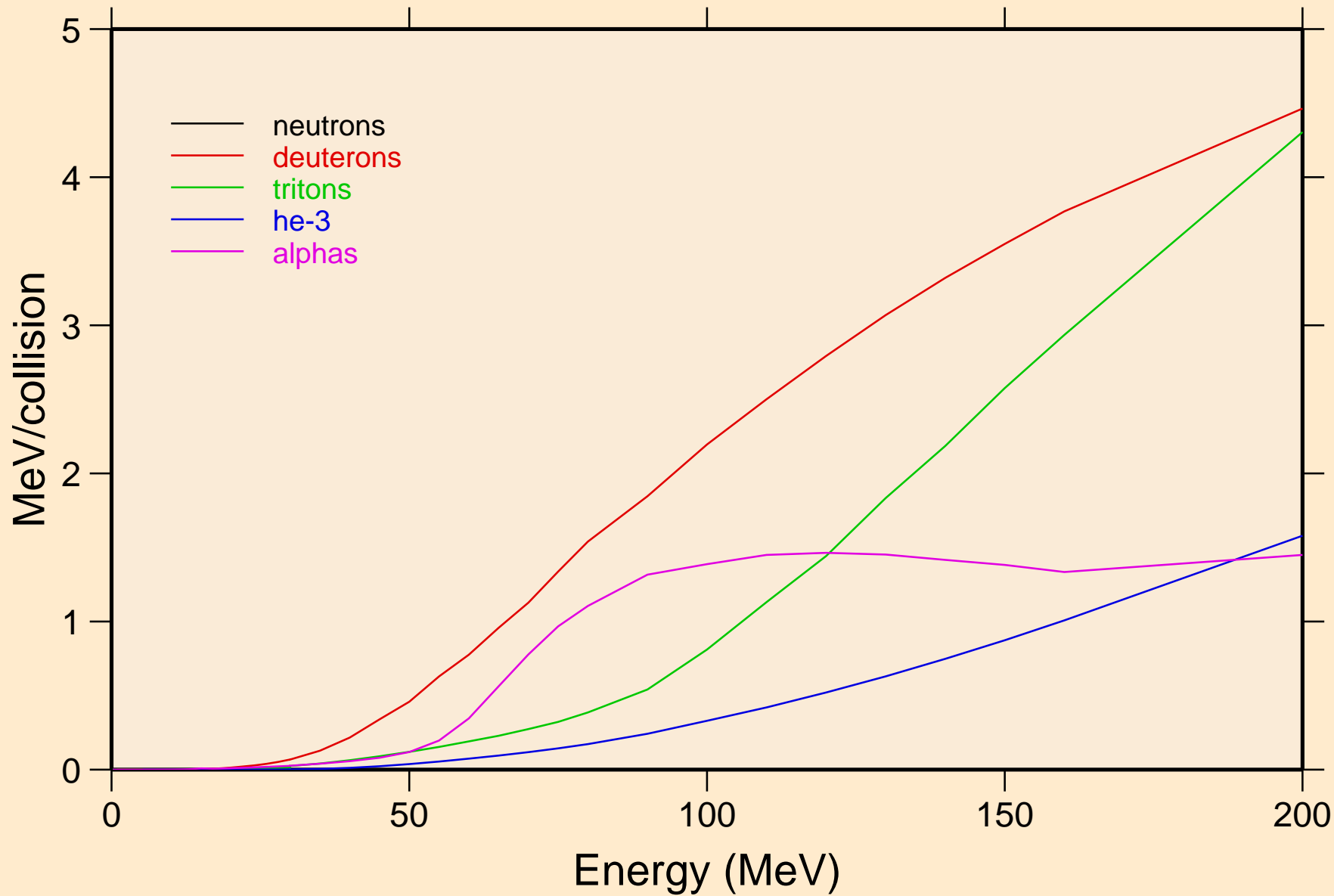


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Photon emission for (n,pd)

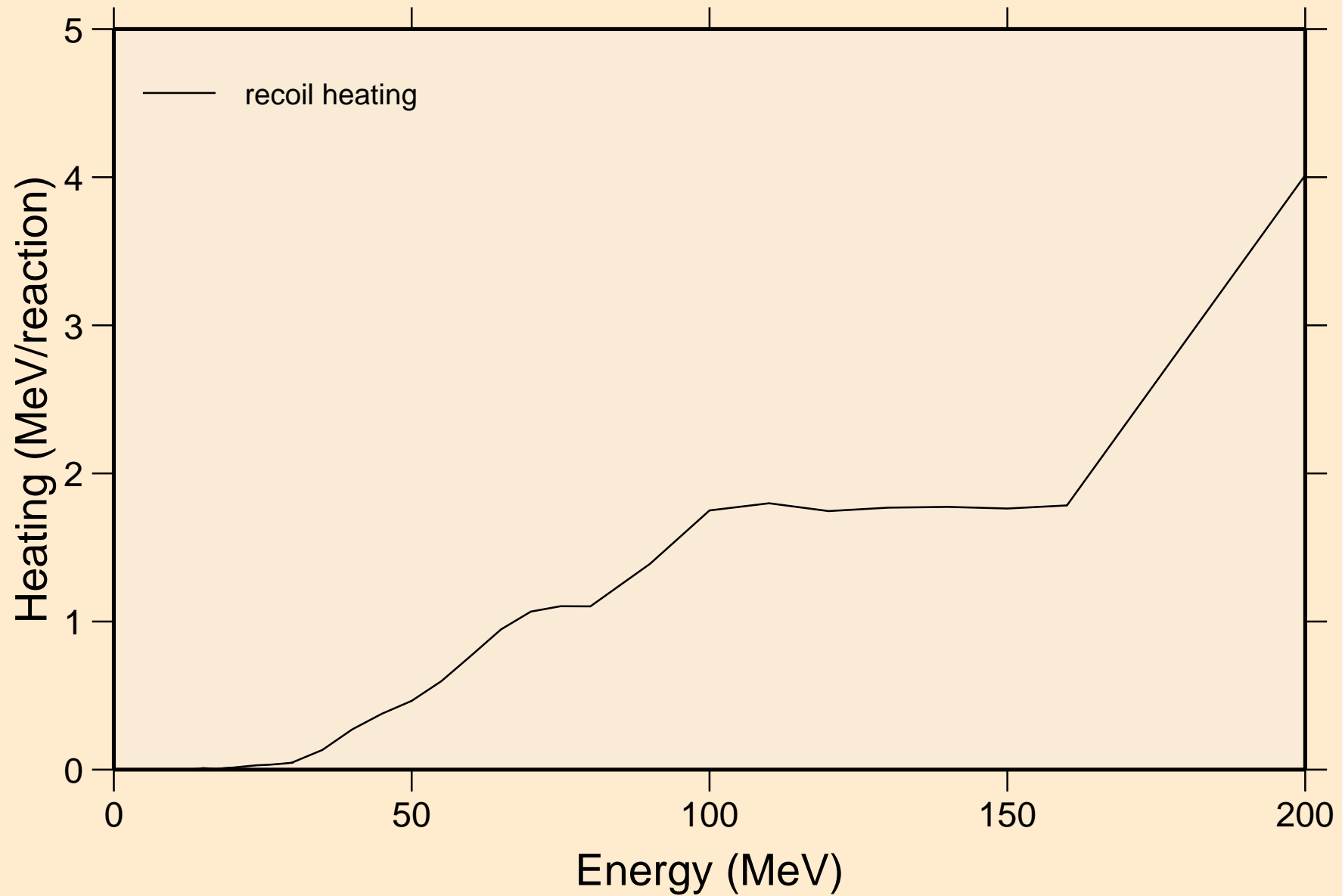


# CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



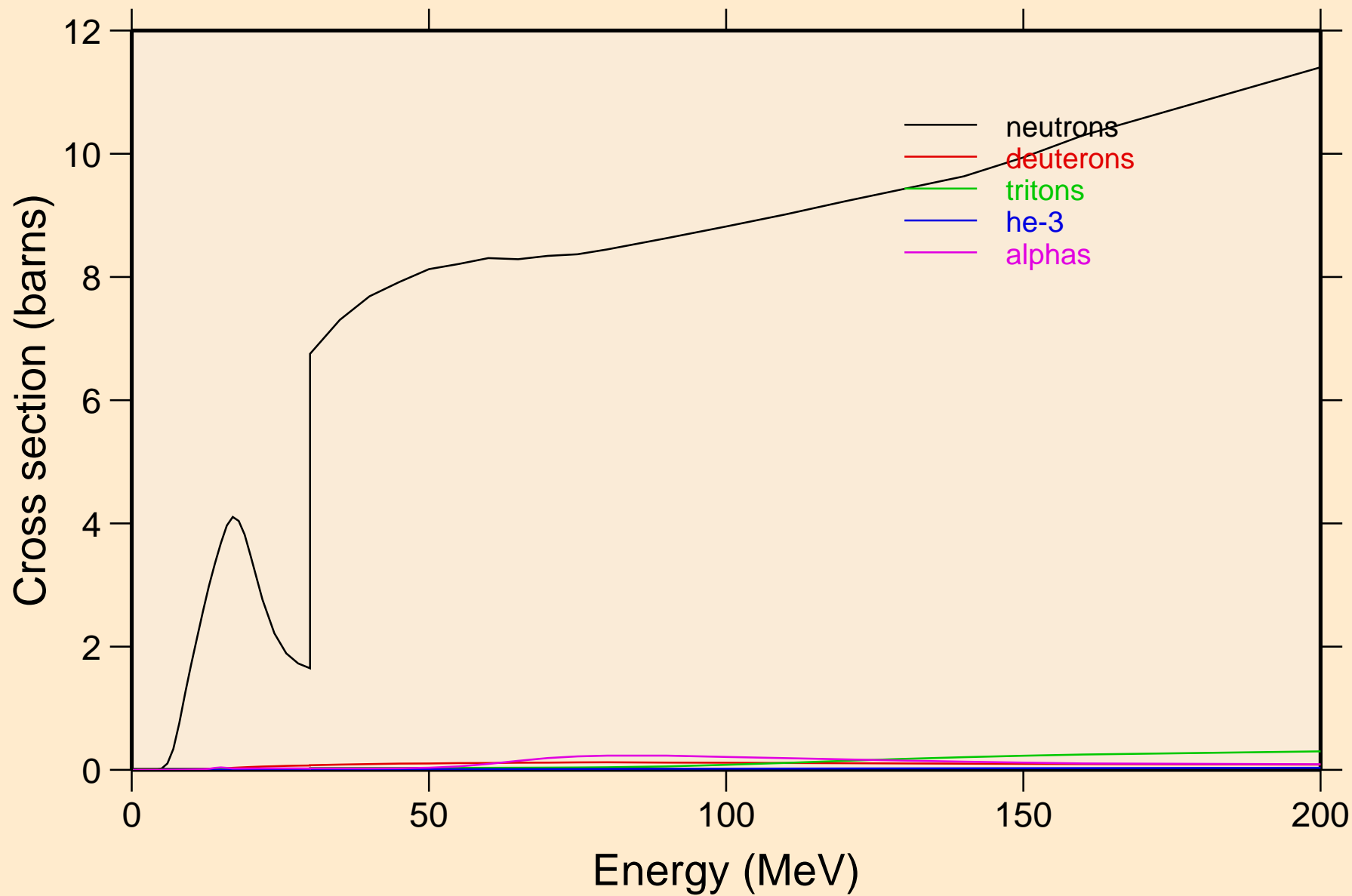
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Recoil Heating



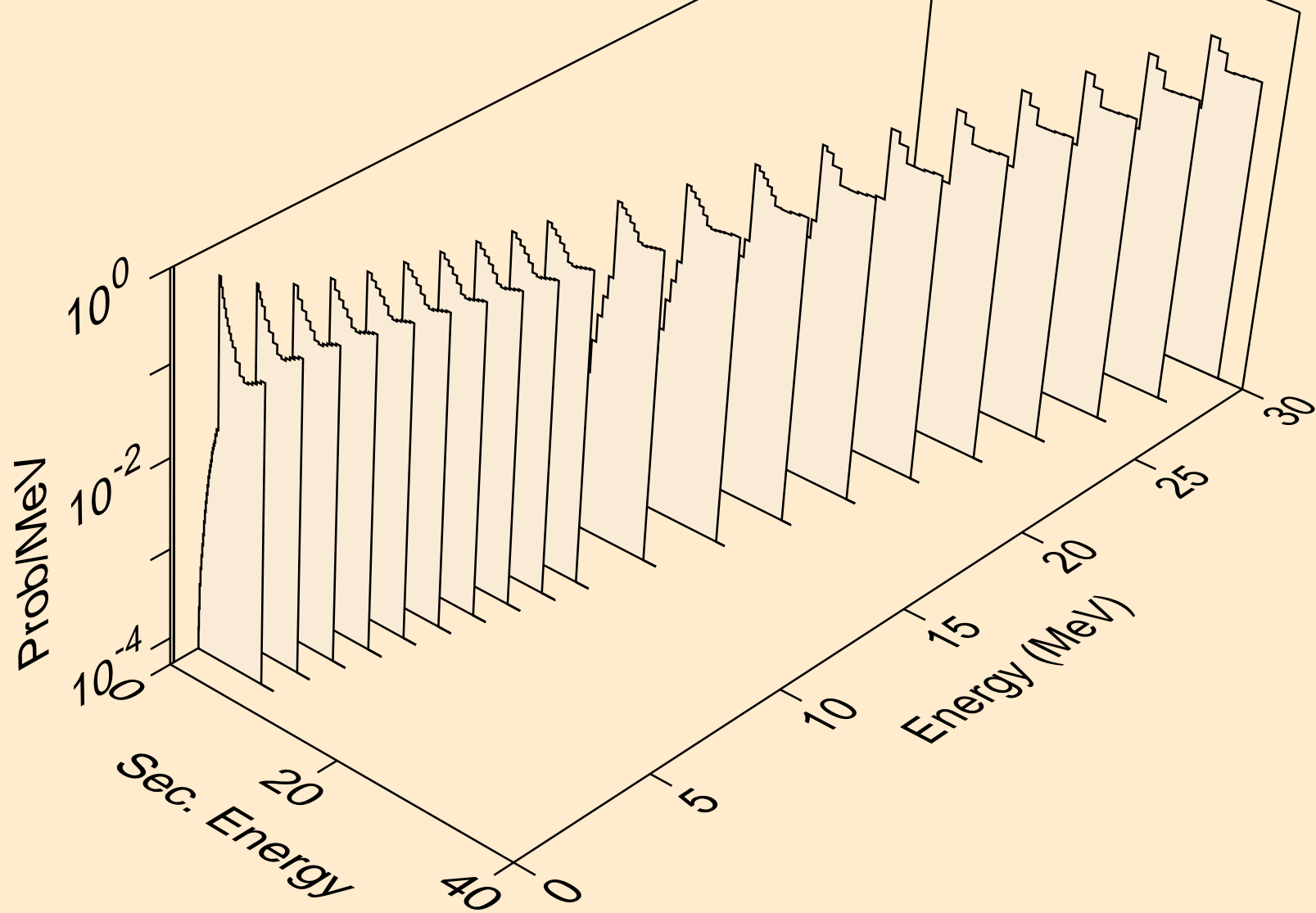


# CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K

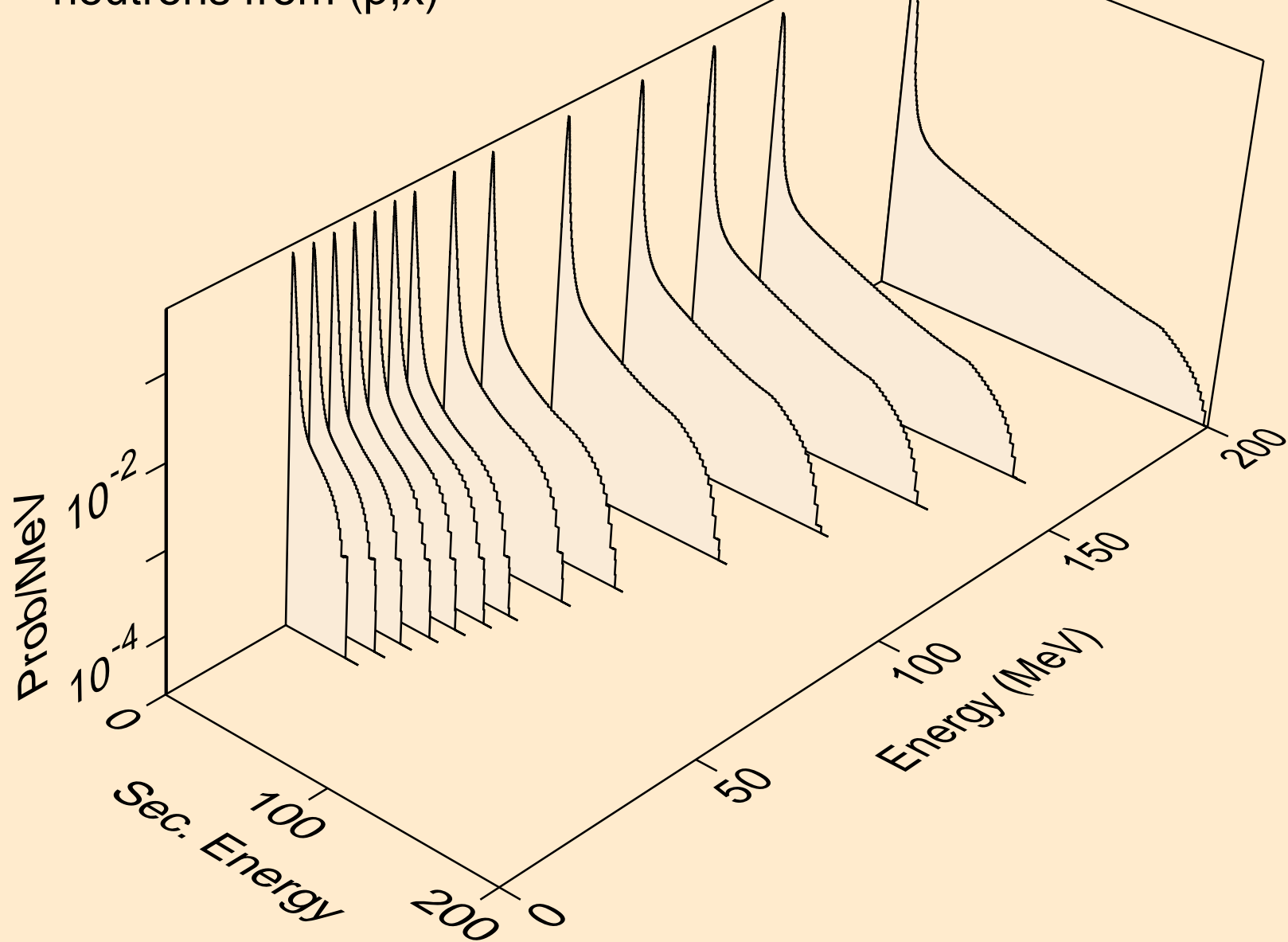
## Particle production cross sections



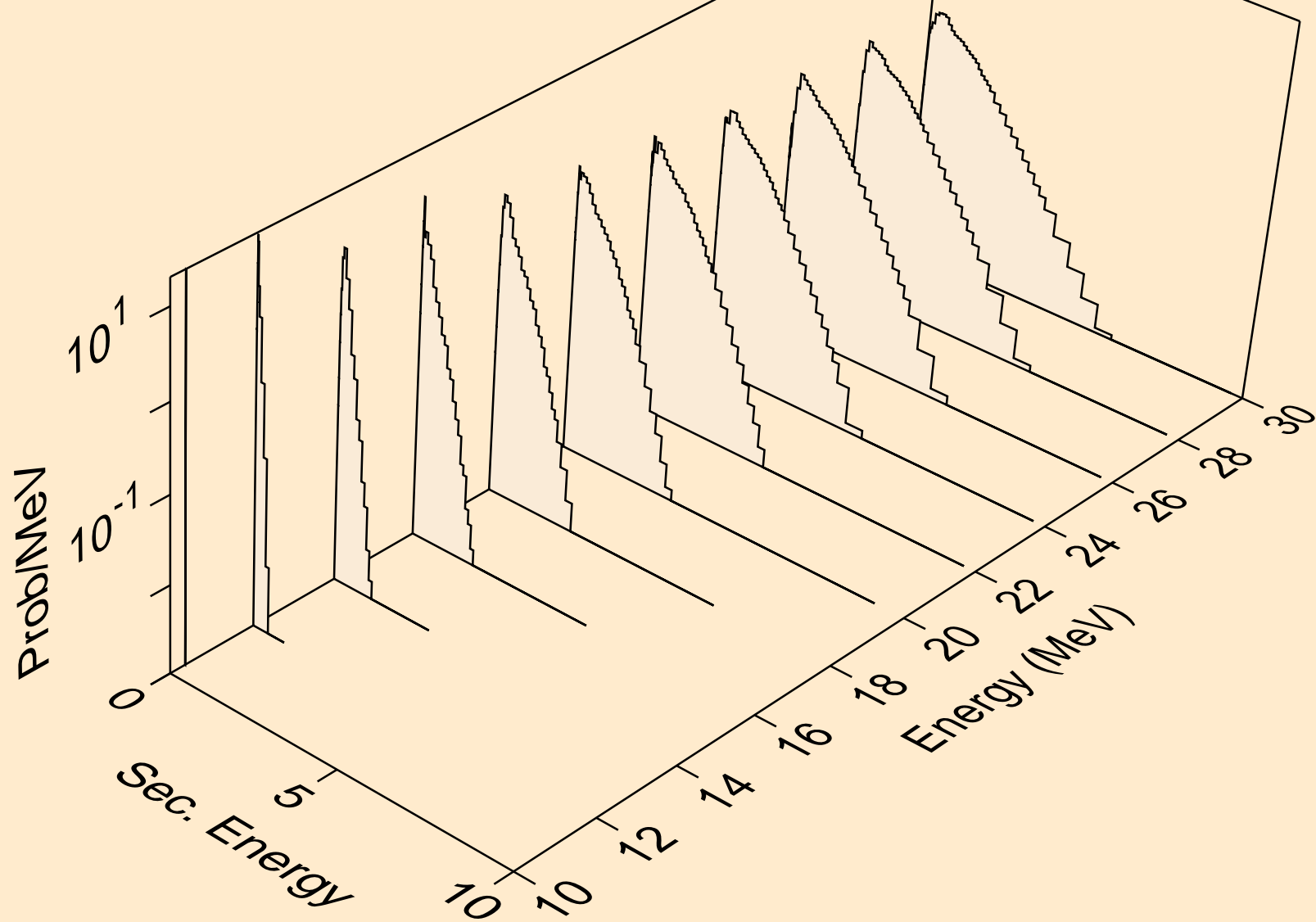
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



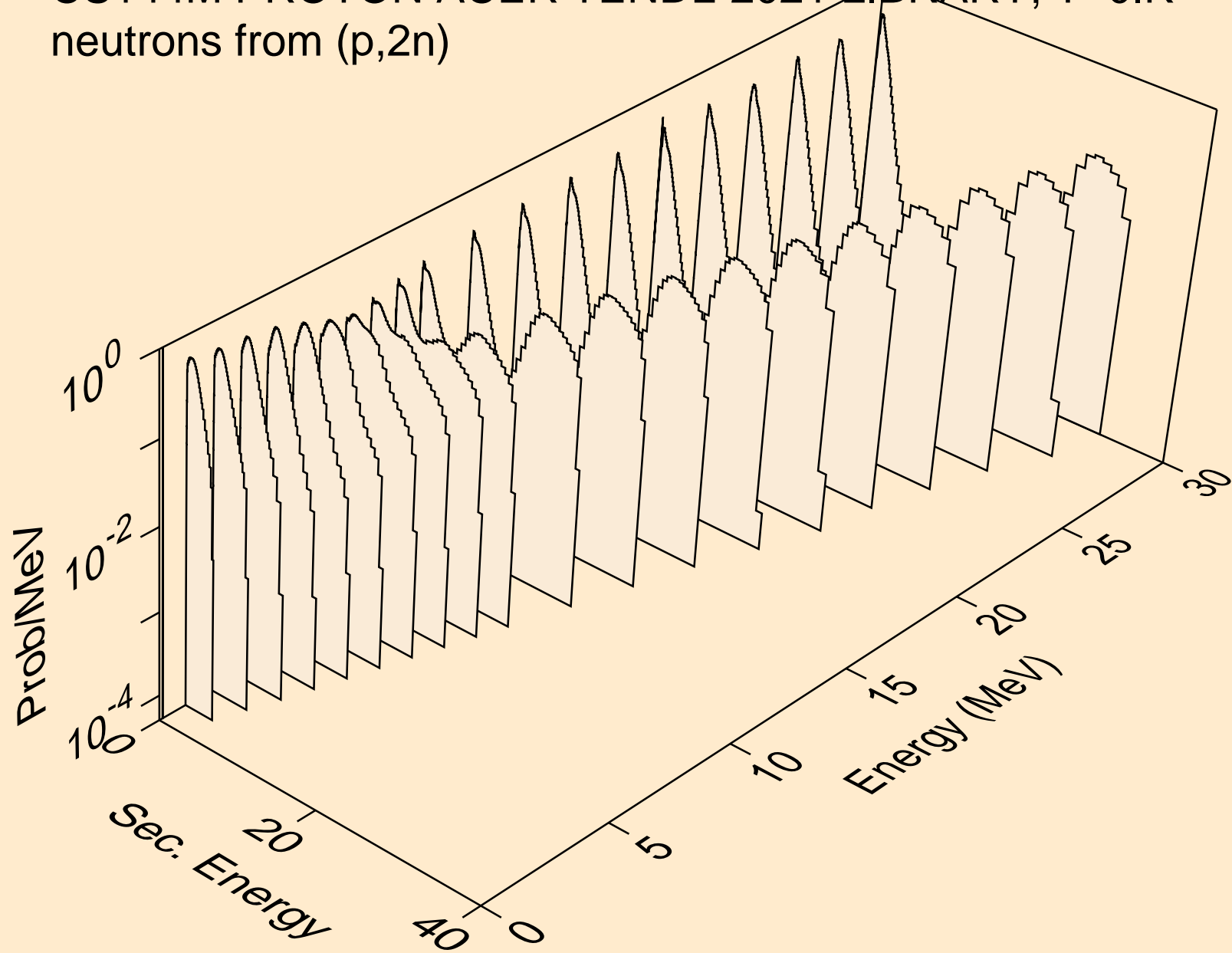
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neutrons from (p,x)



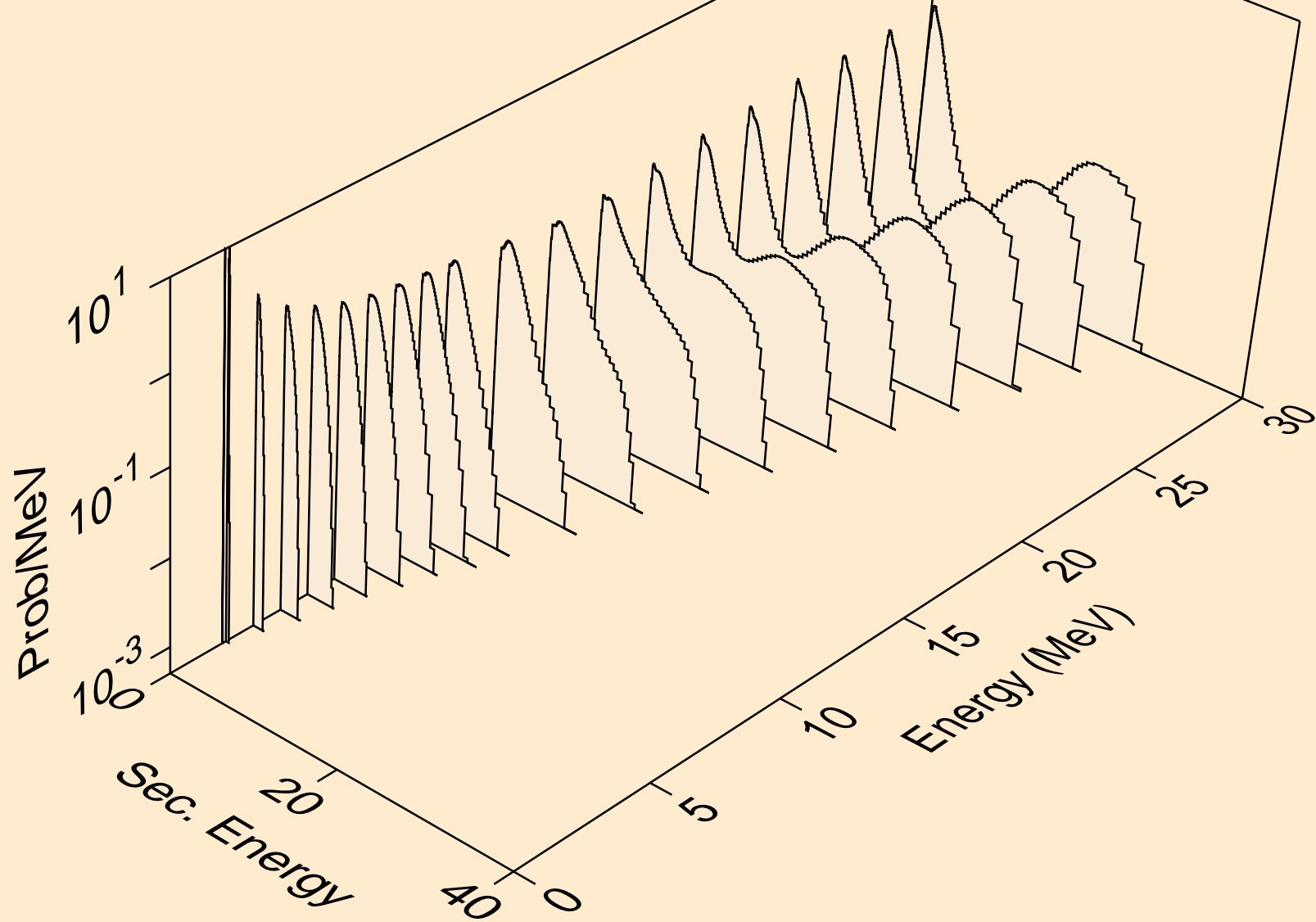
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neutrons from (p,2nd)



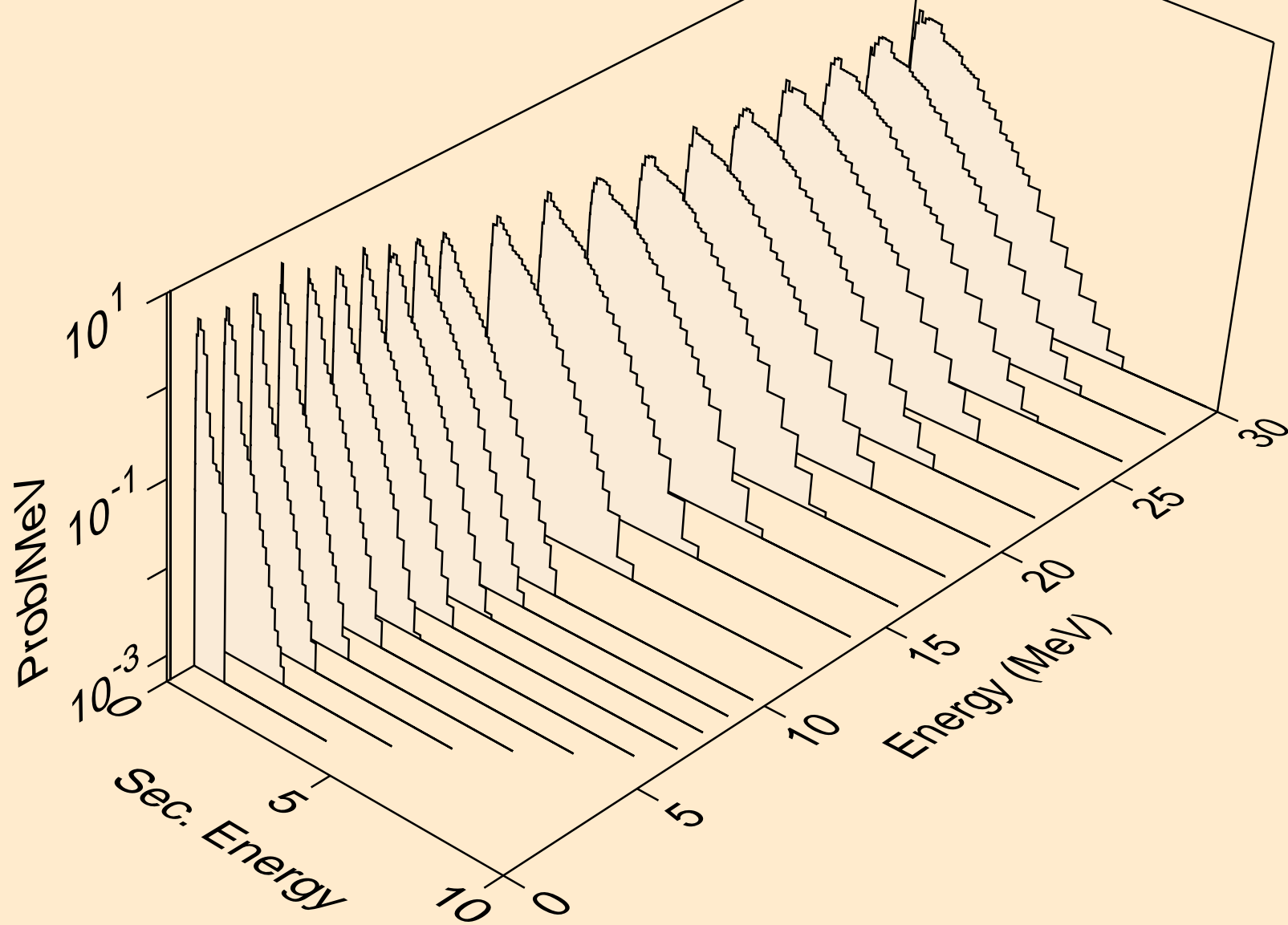
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neutrons from (p,2n)



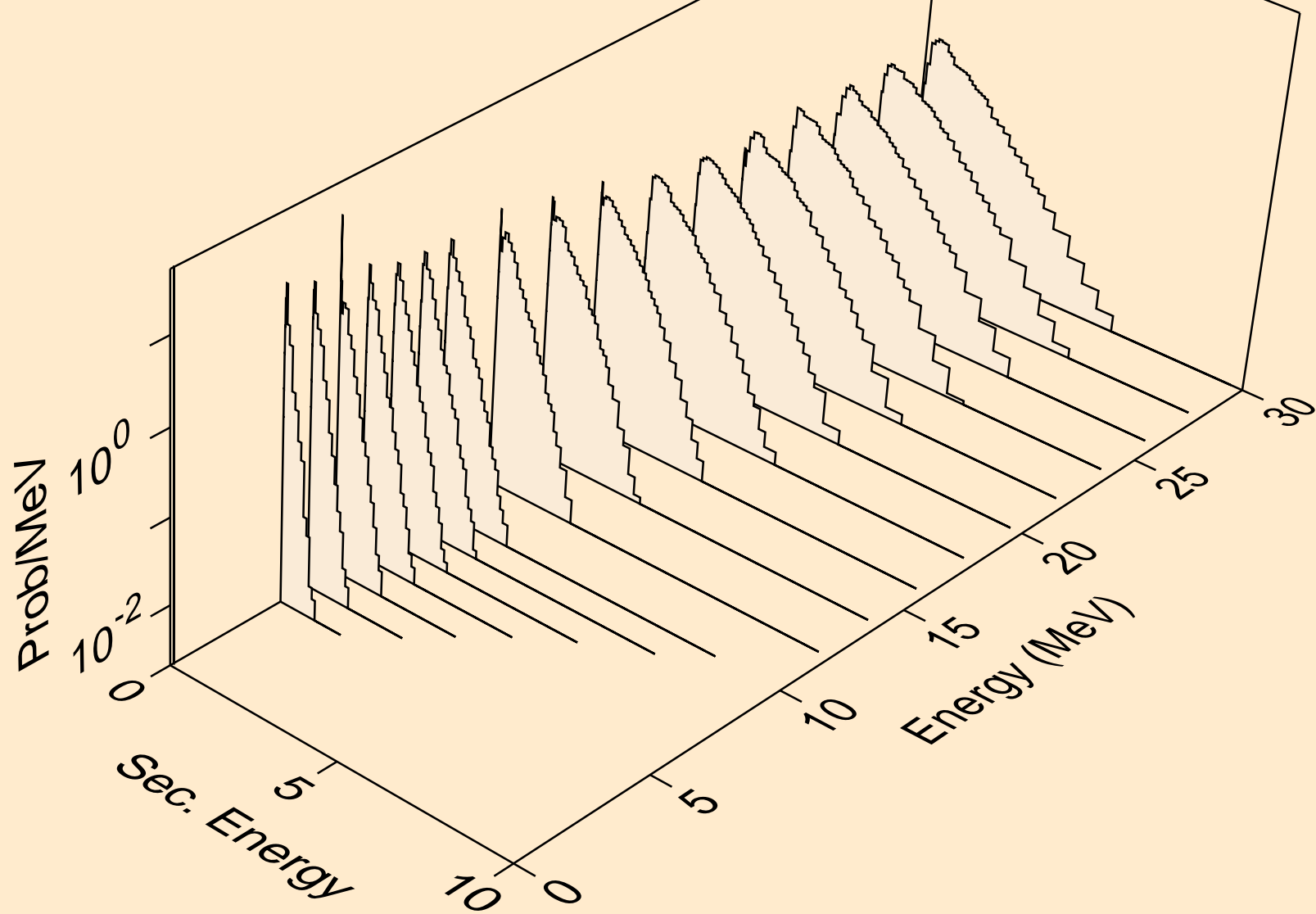
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a

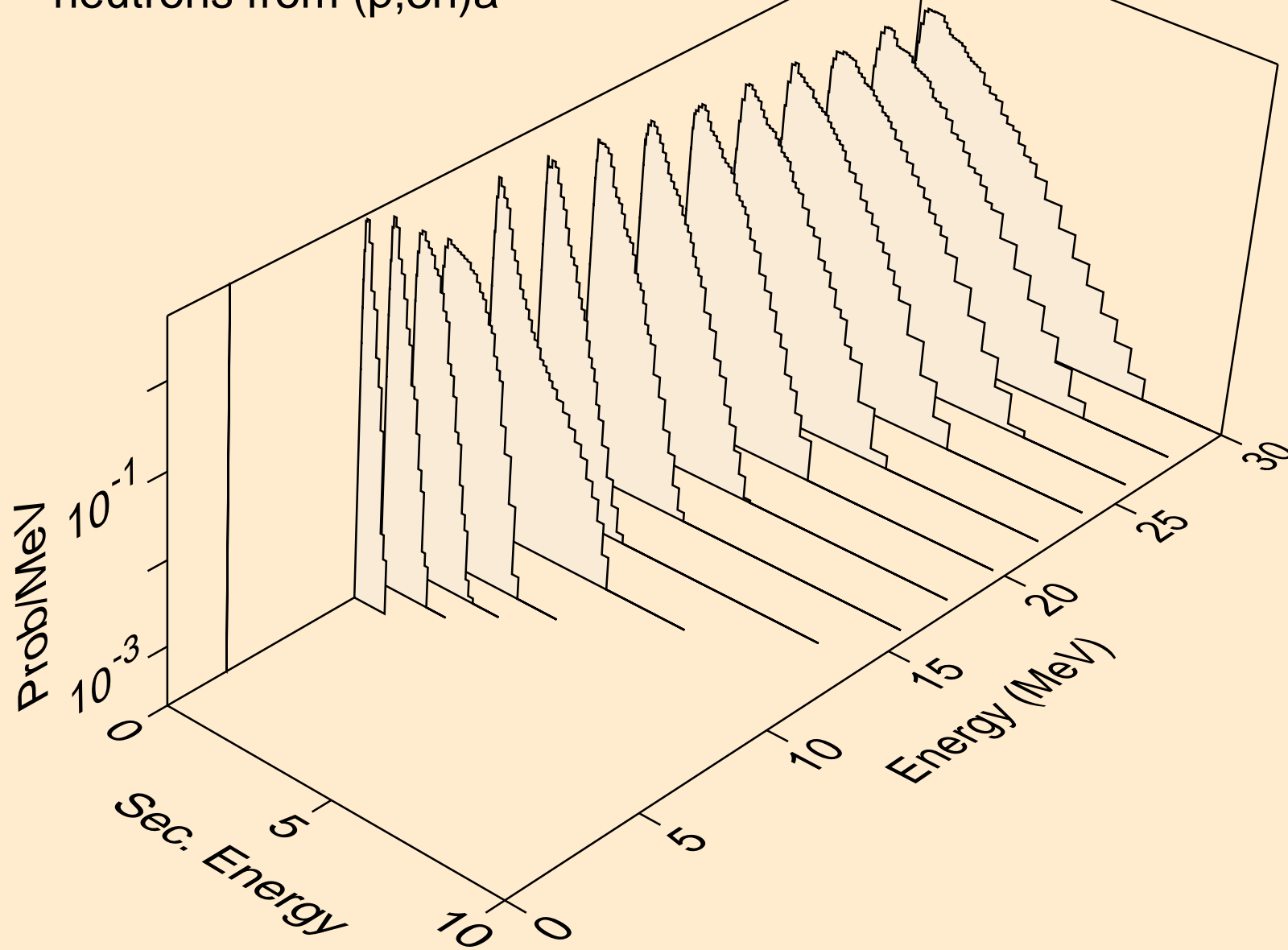


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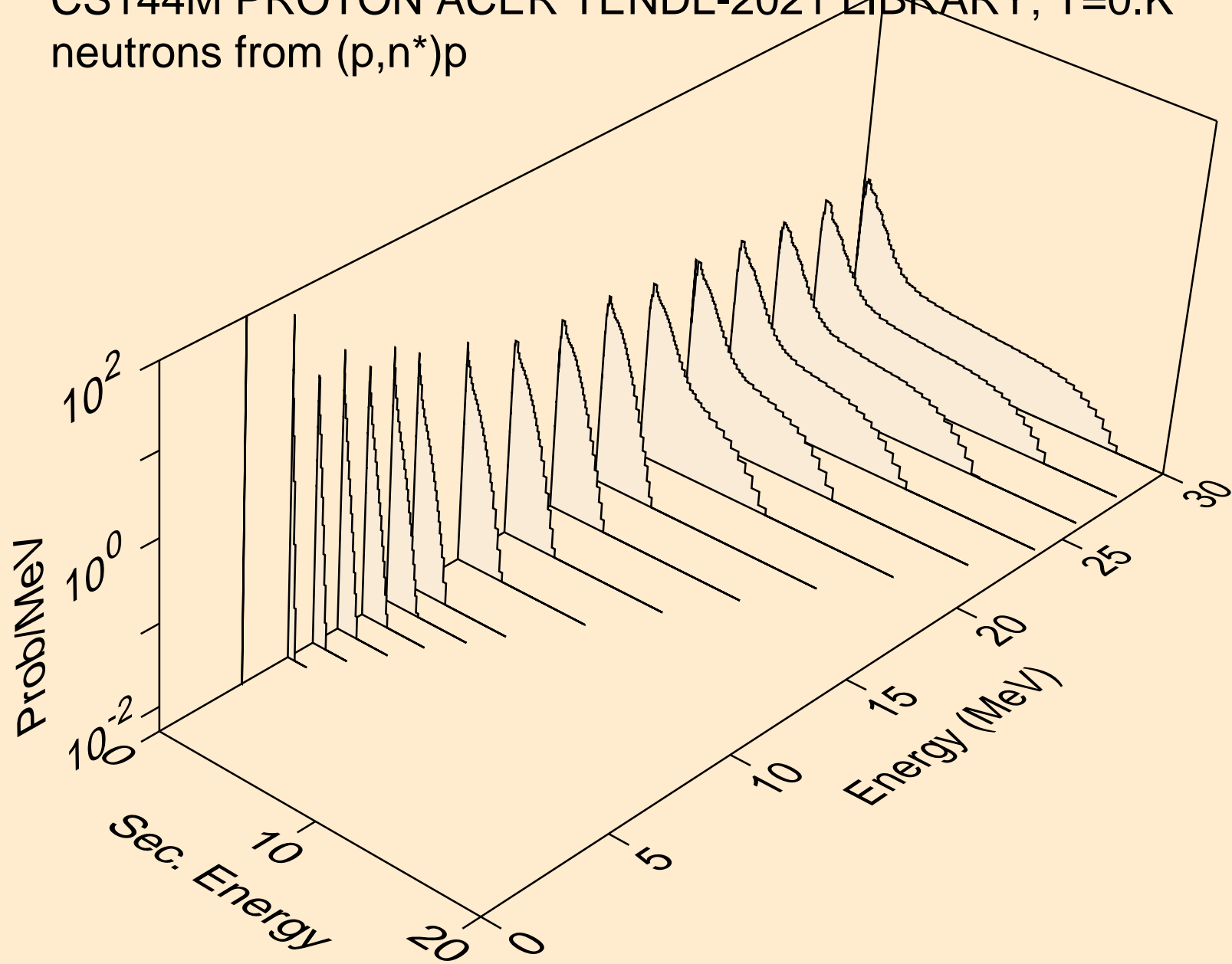




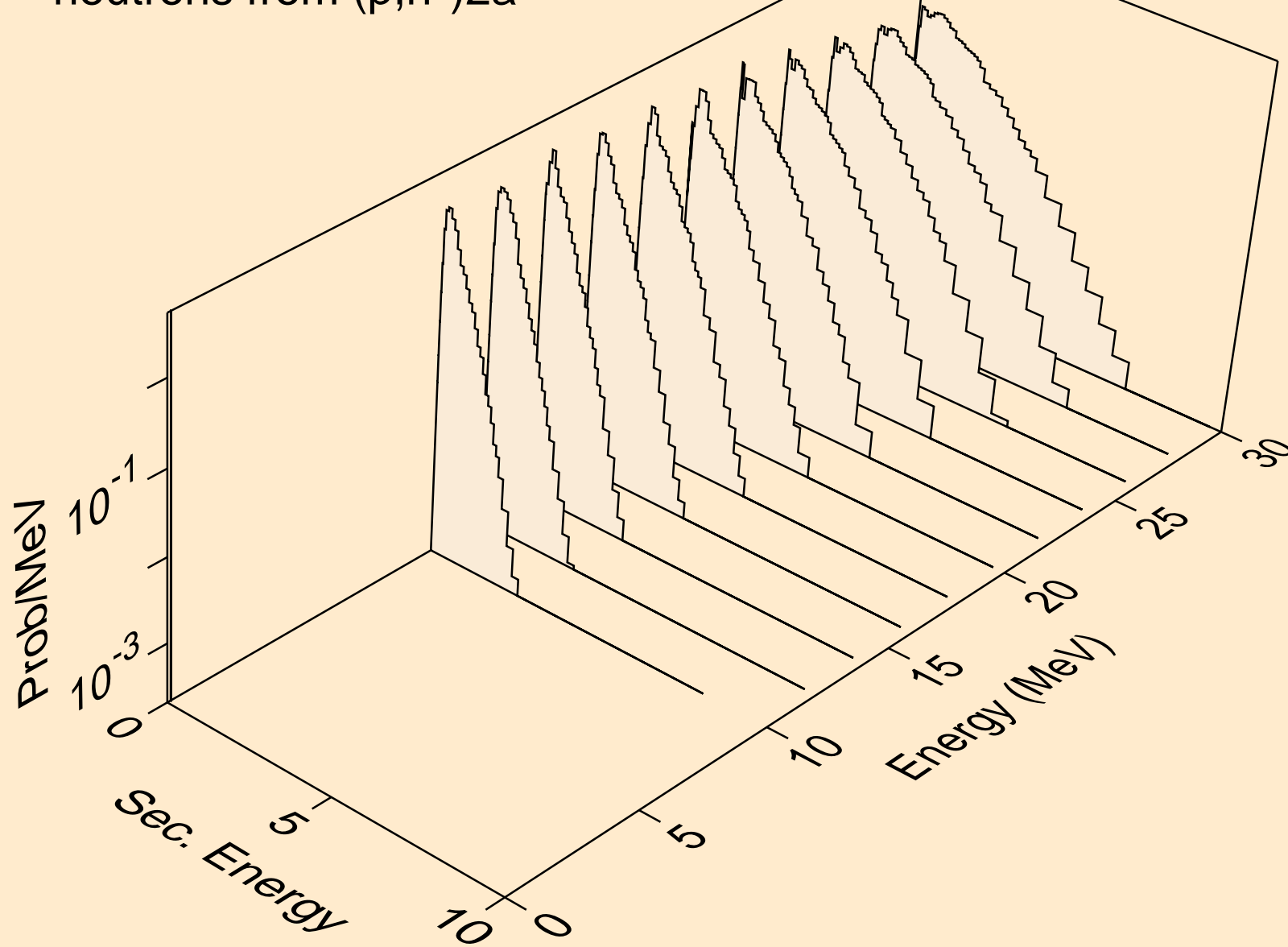
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neutrons from (p,3n)a



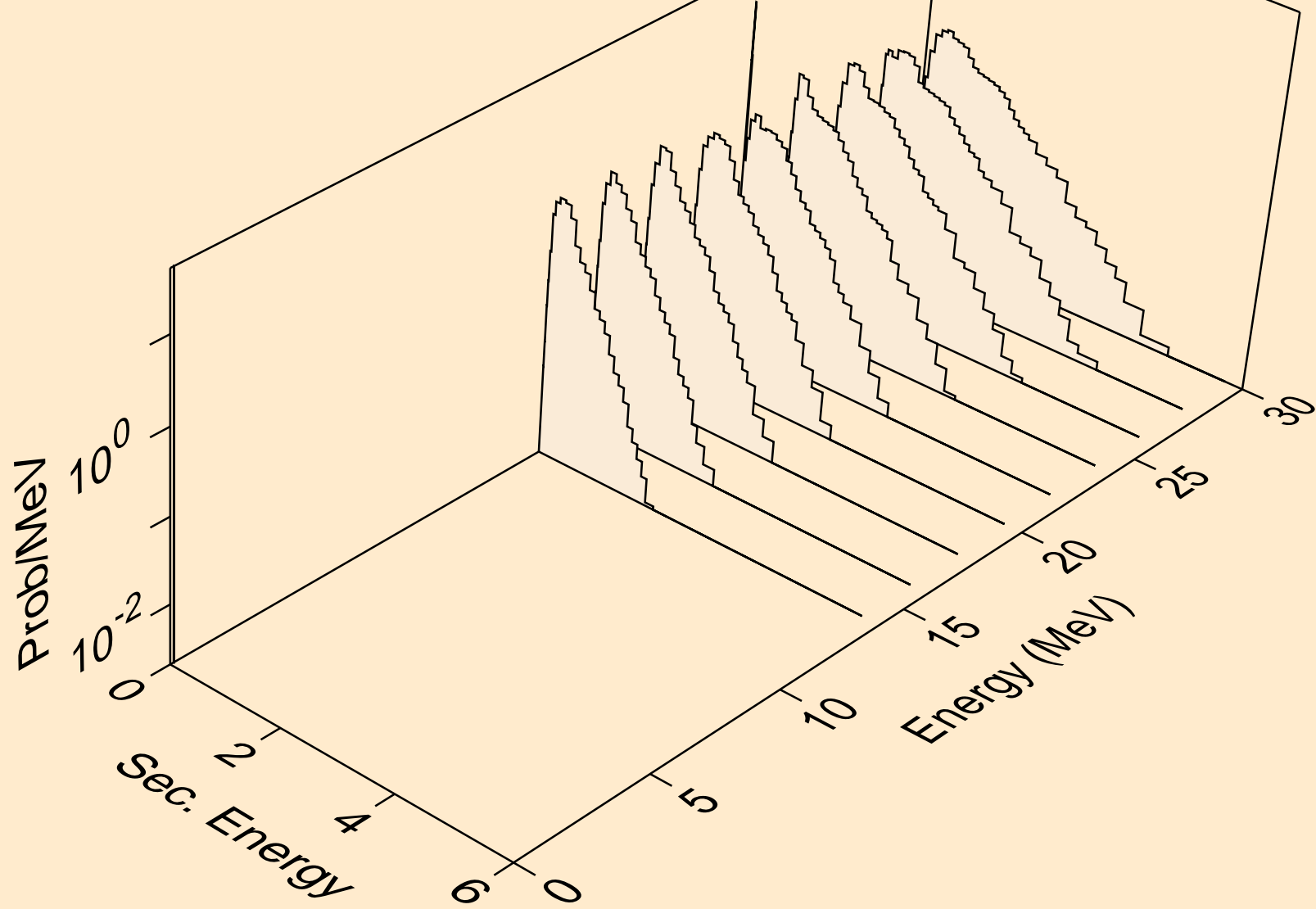
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neutrons from (p,n\*)p



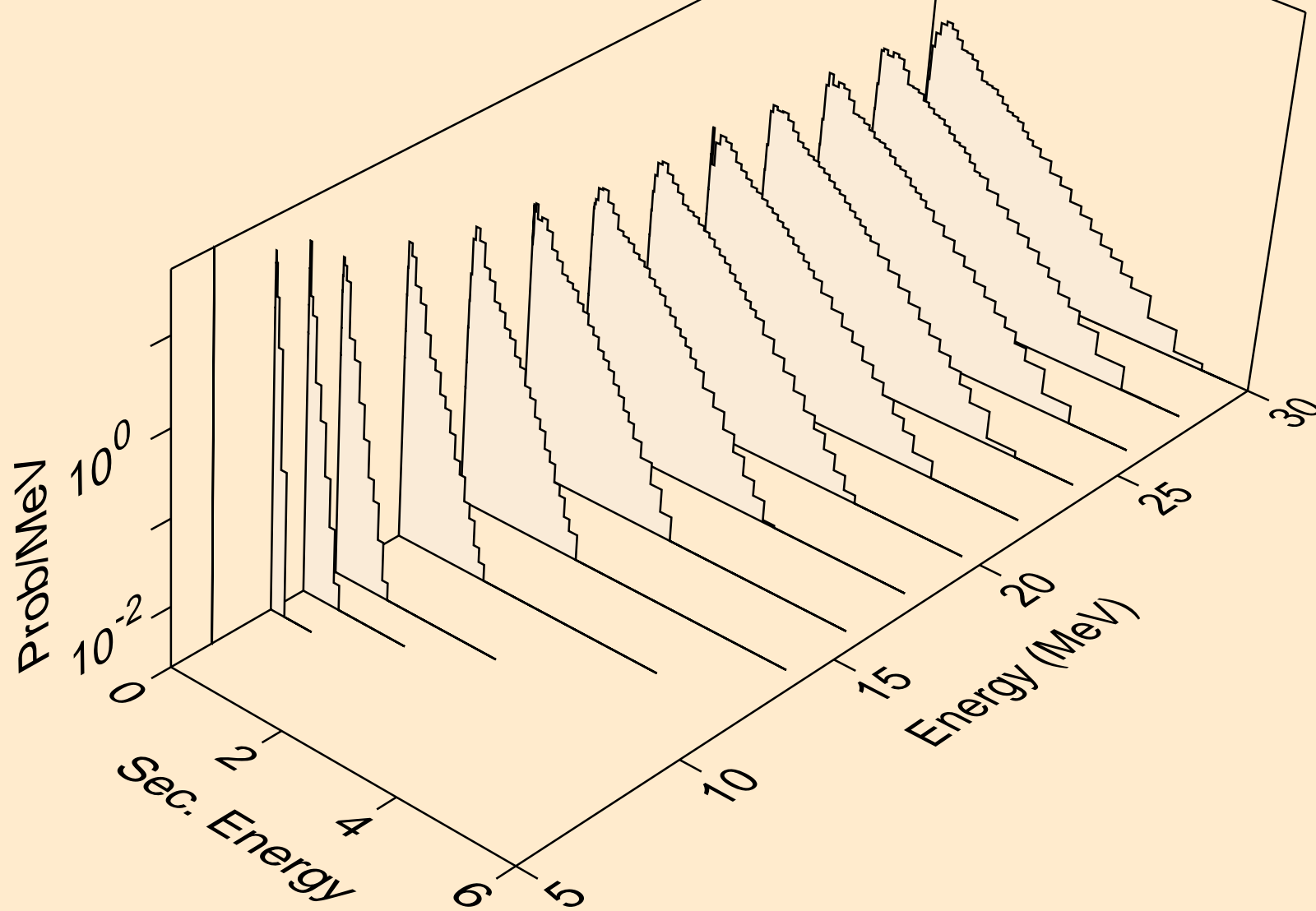
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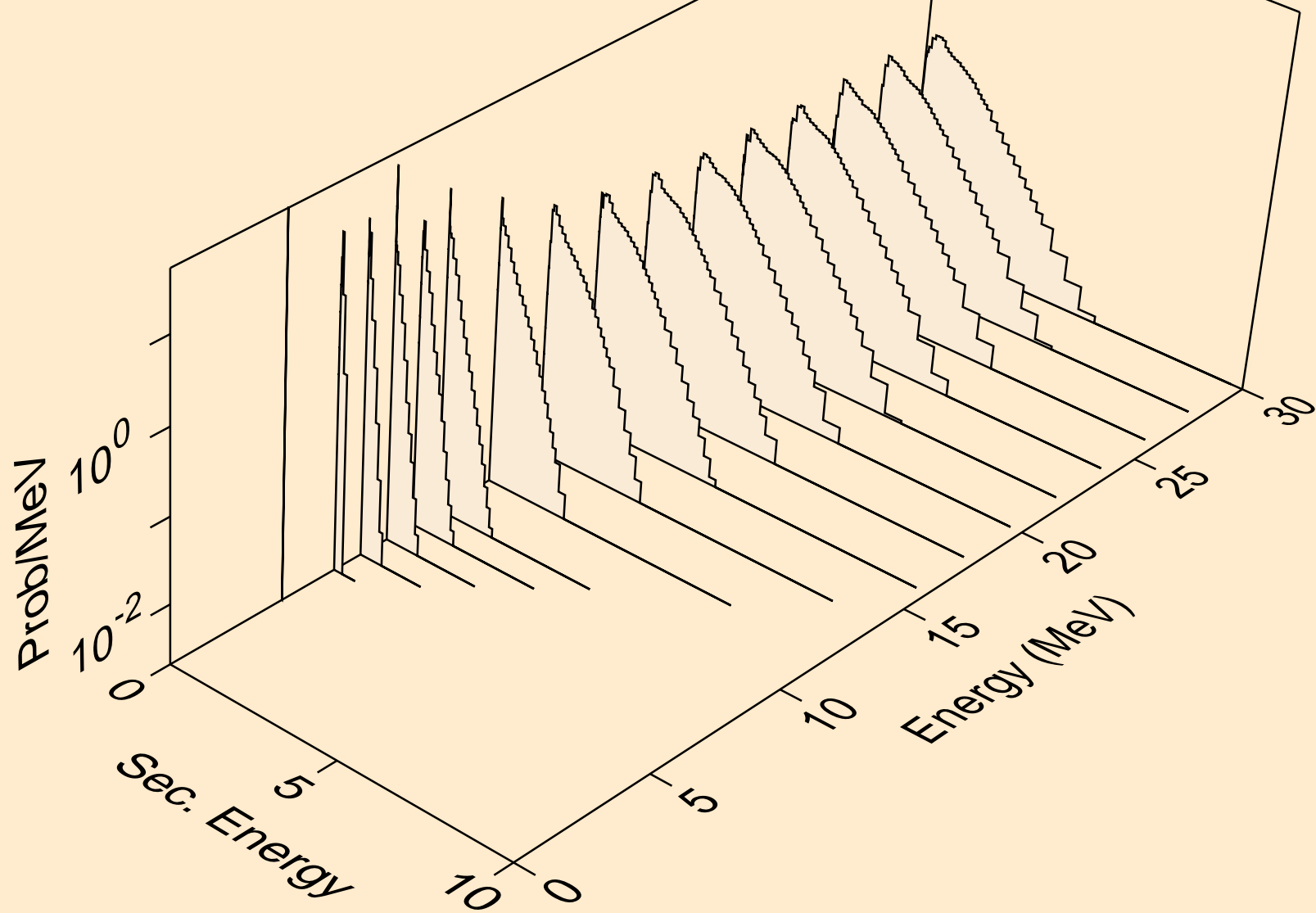
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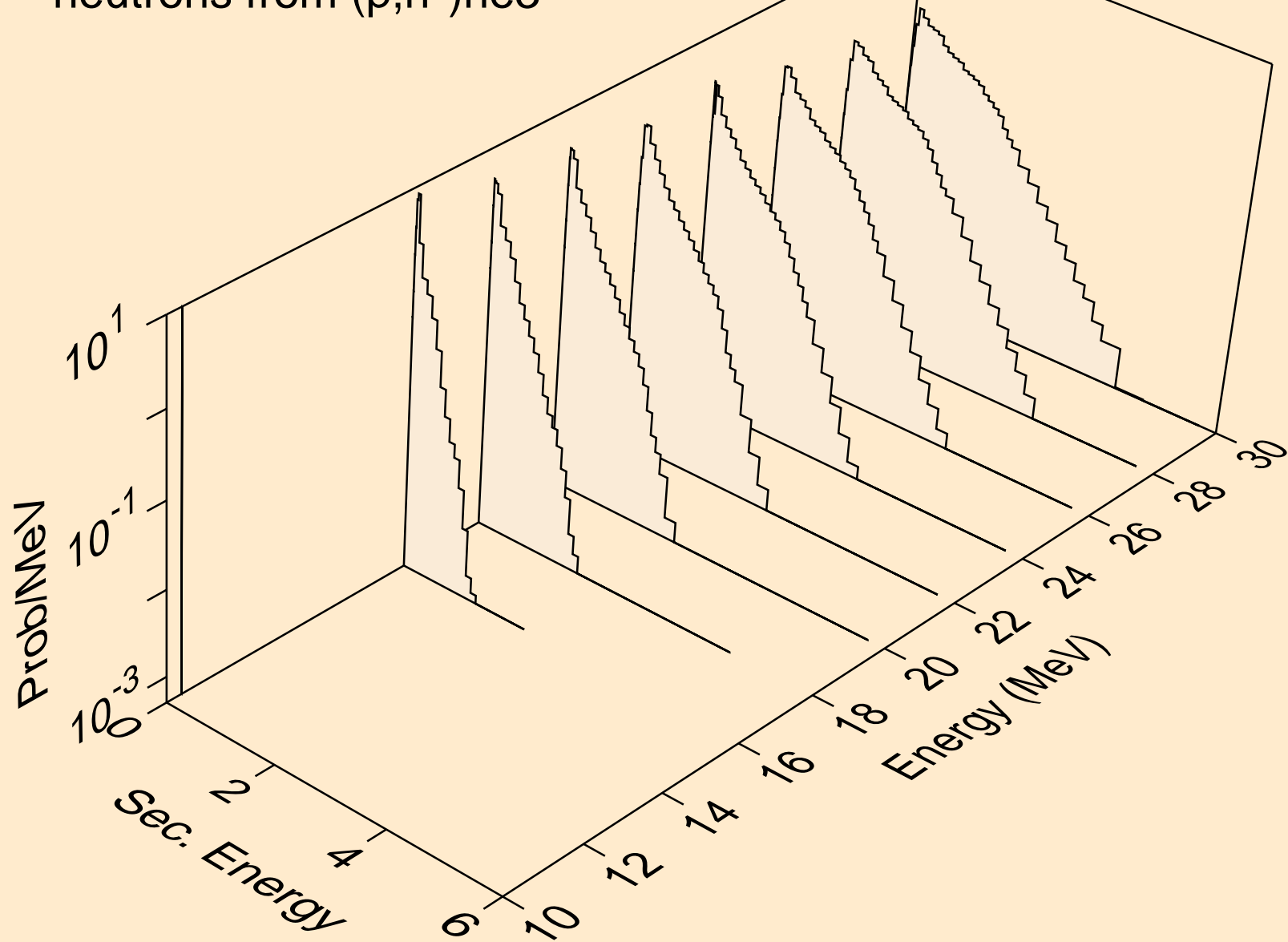
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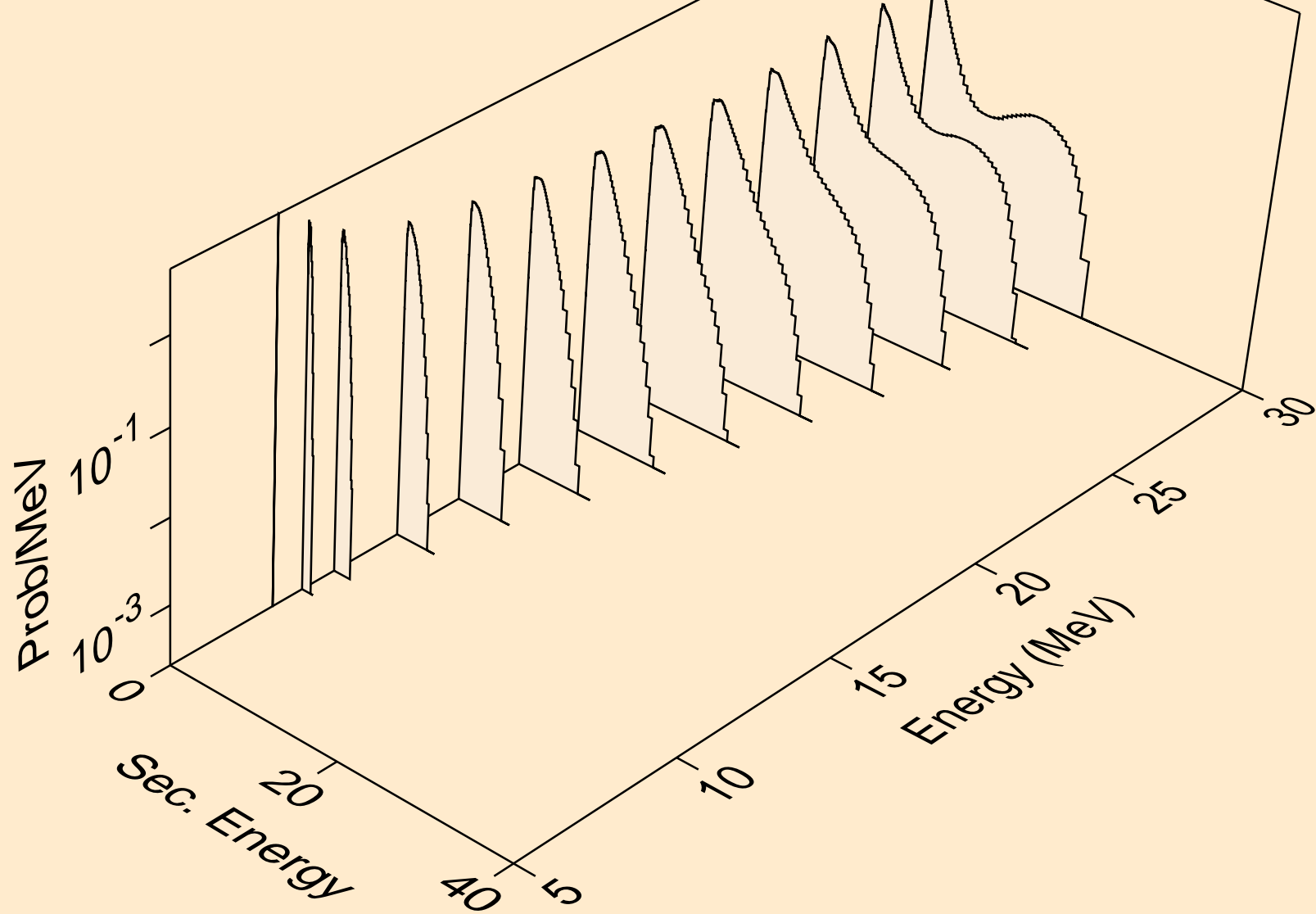
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

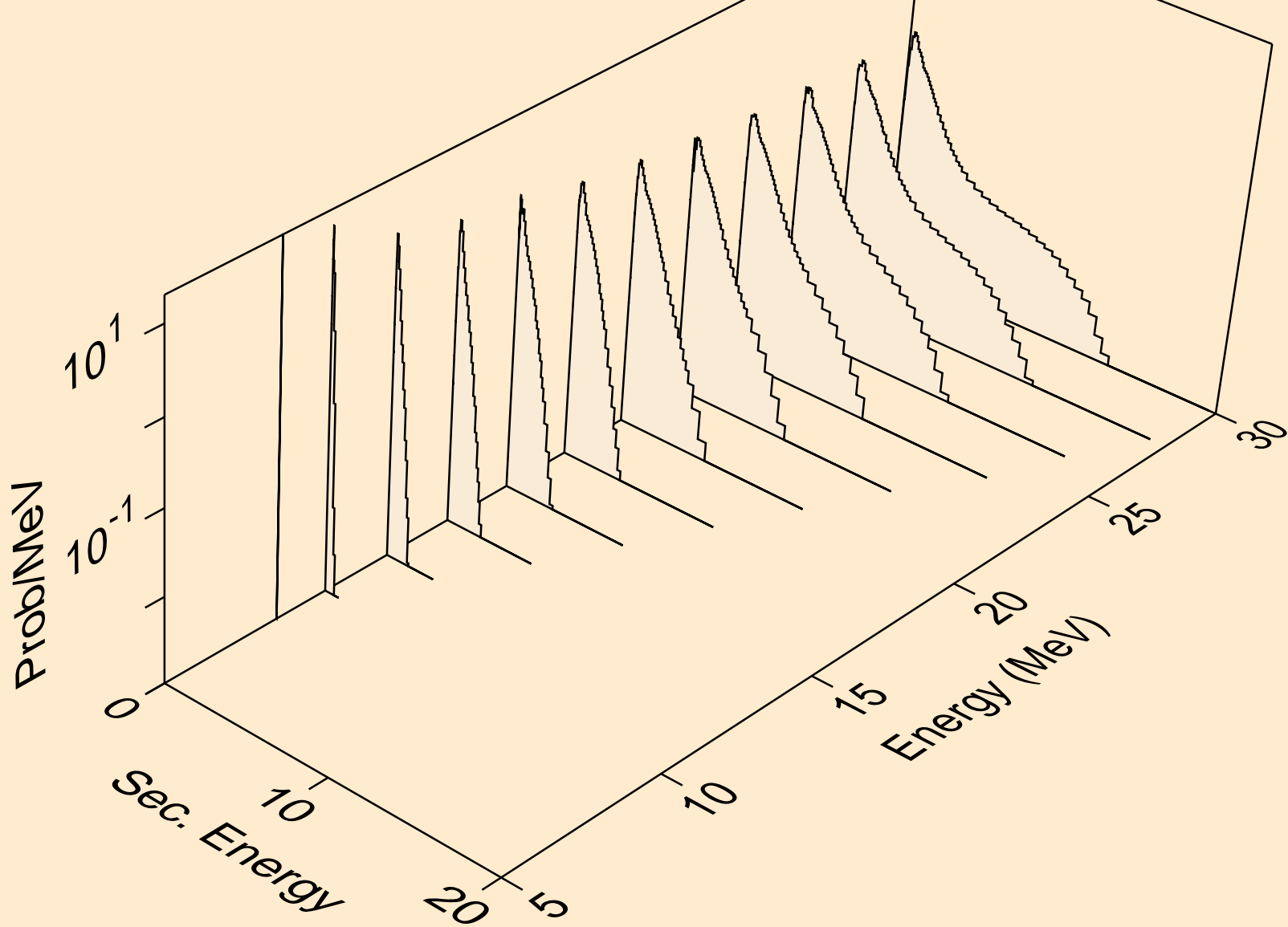


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neutrons from (p,4n)

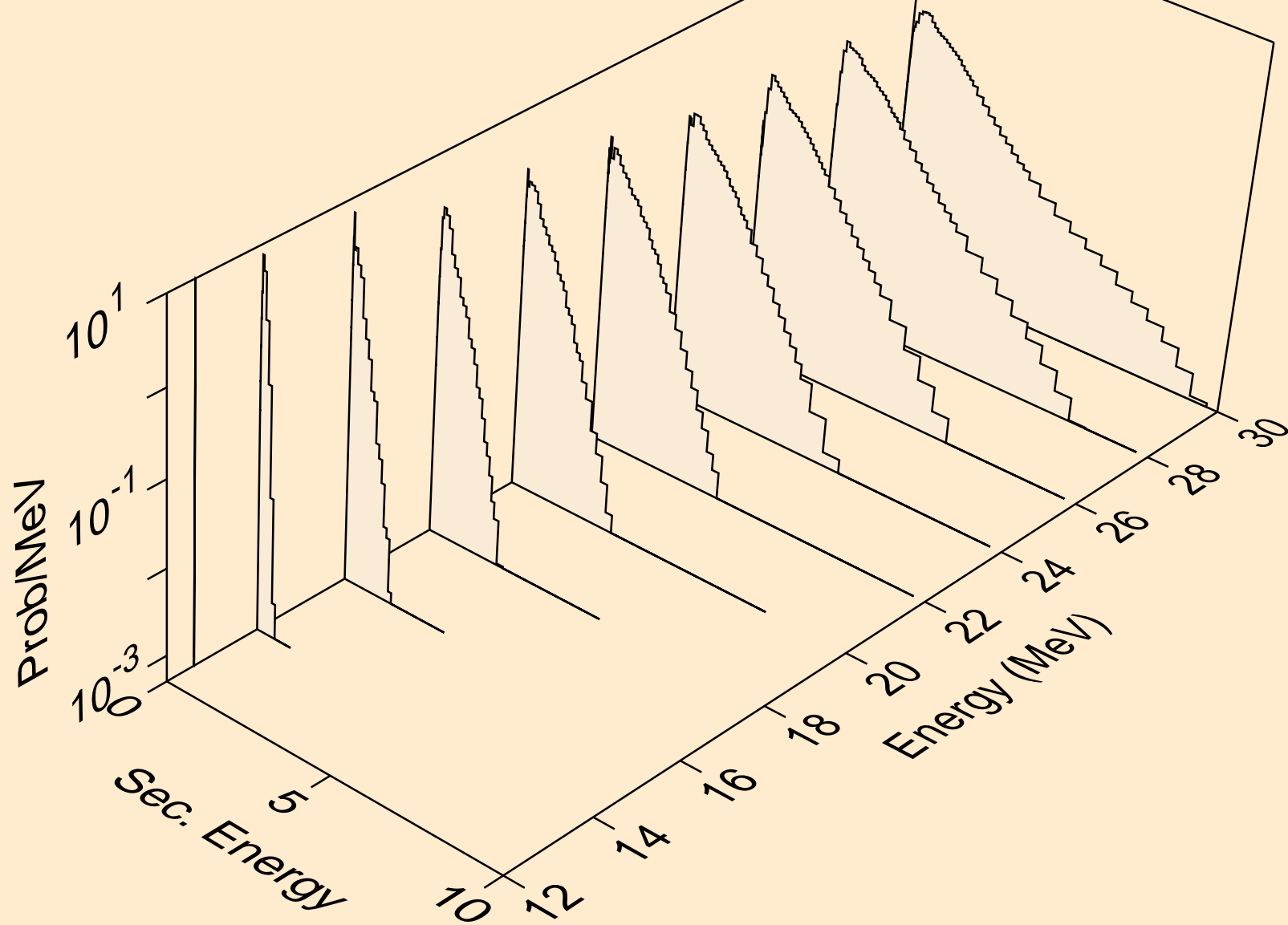




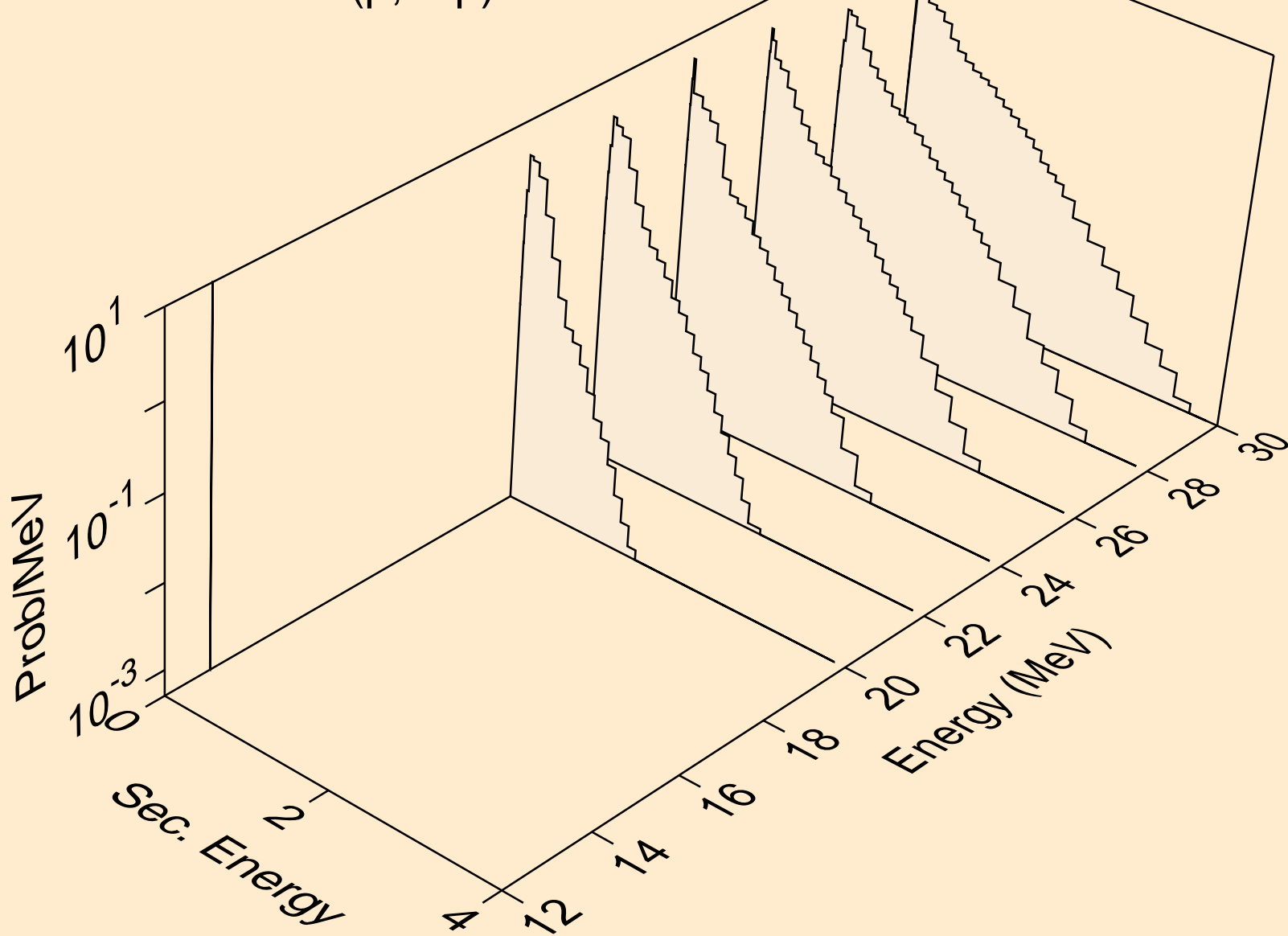
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neutrons from (p,2np)



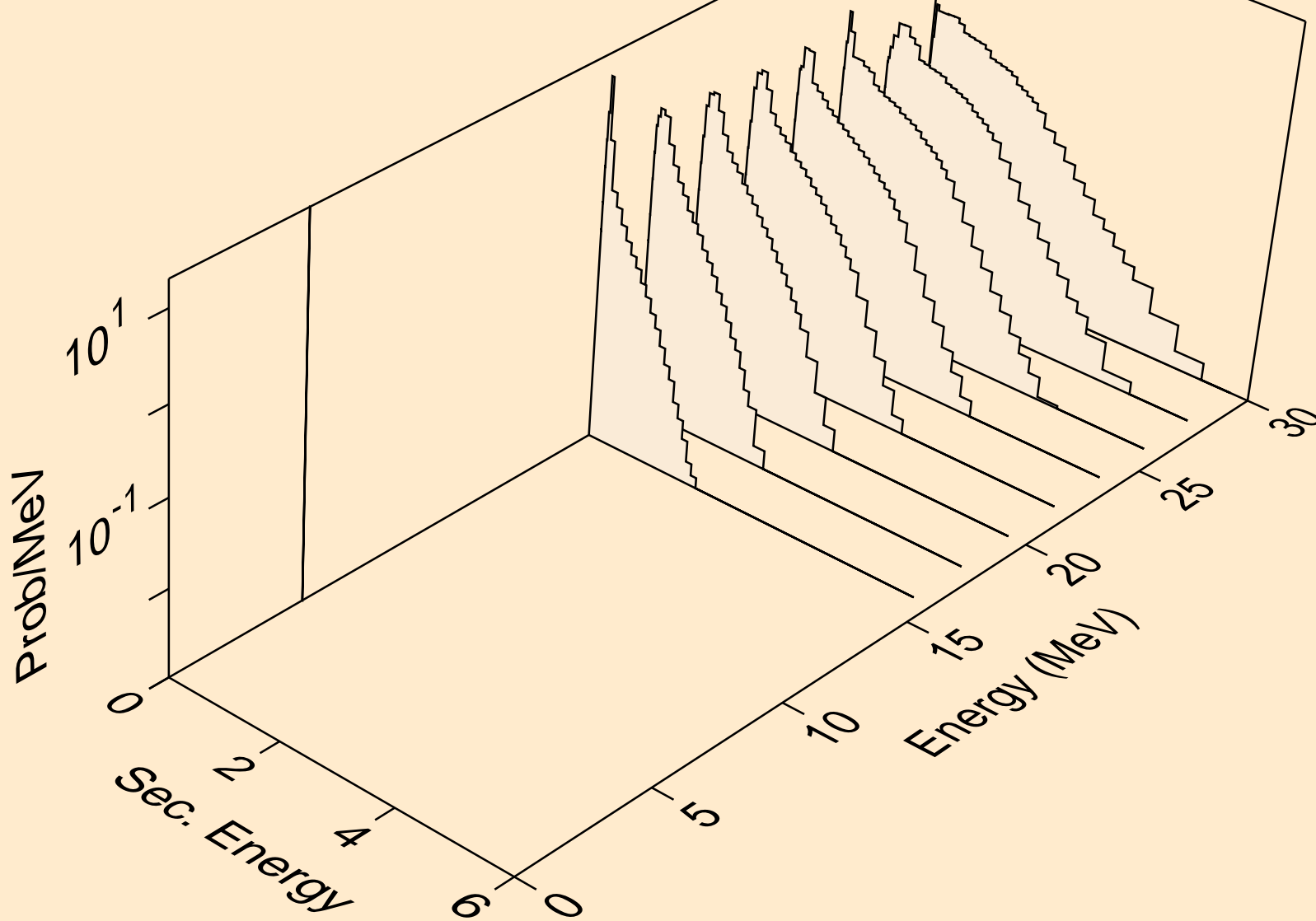
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)



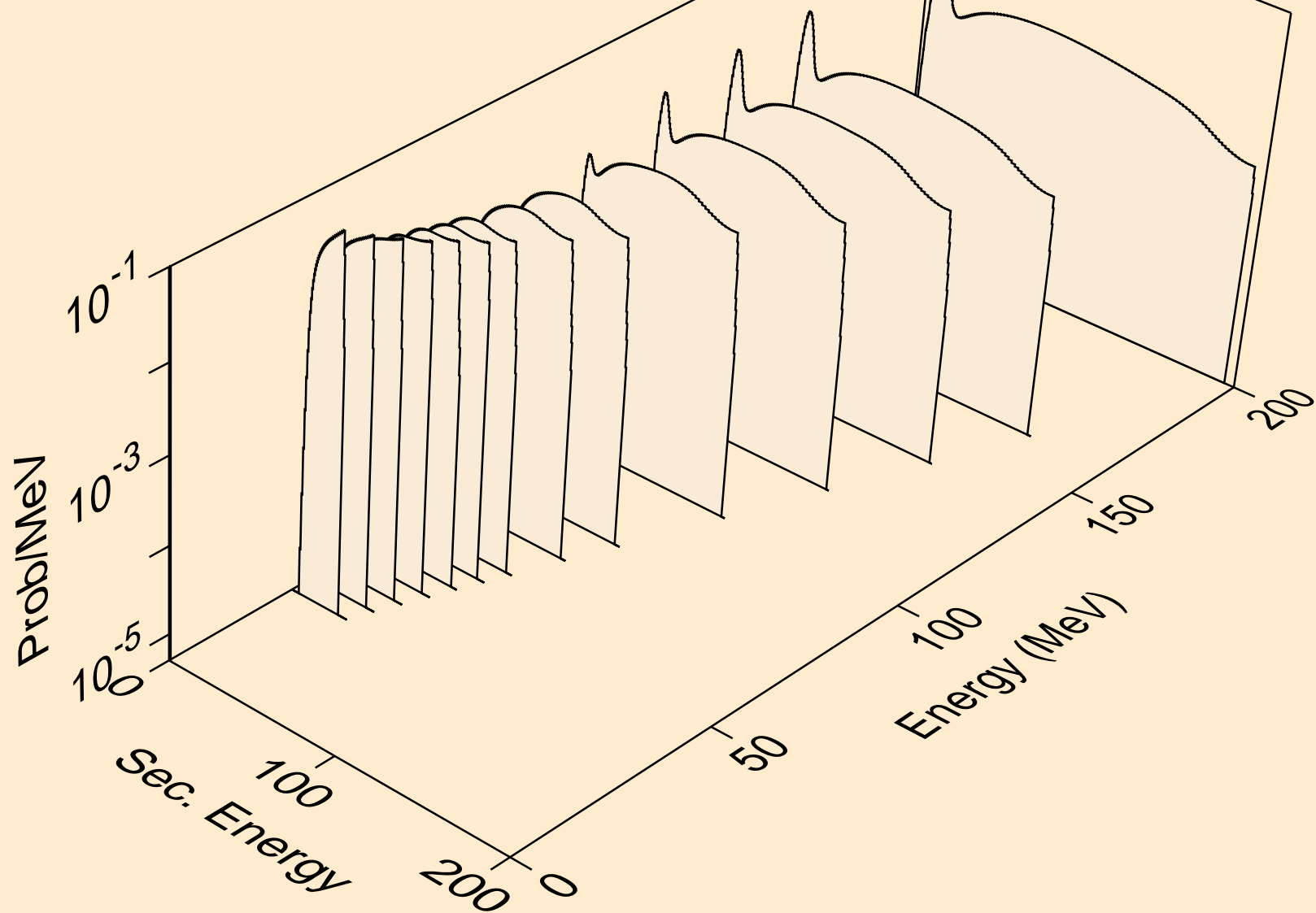
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neutrons from (p,2np)



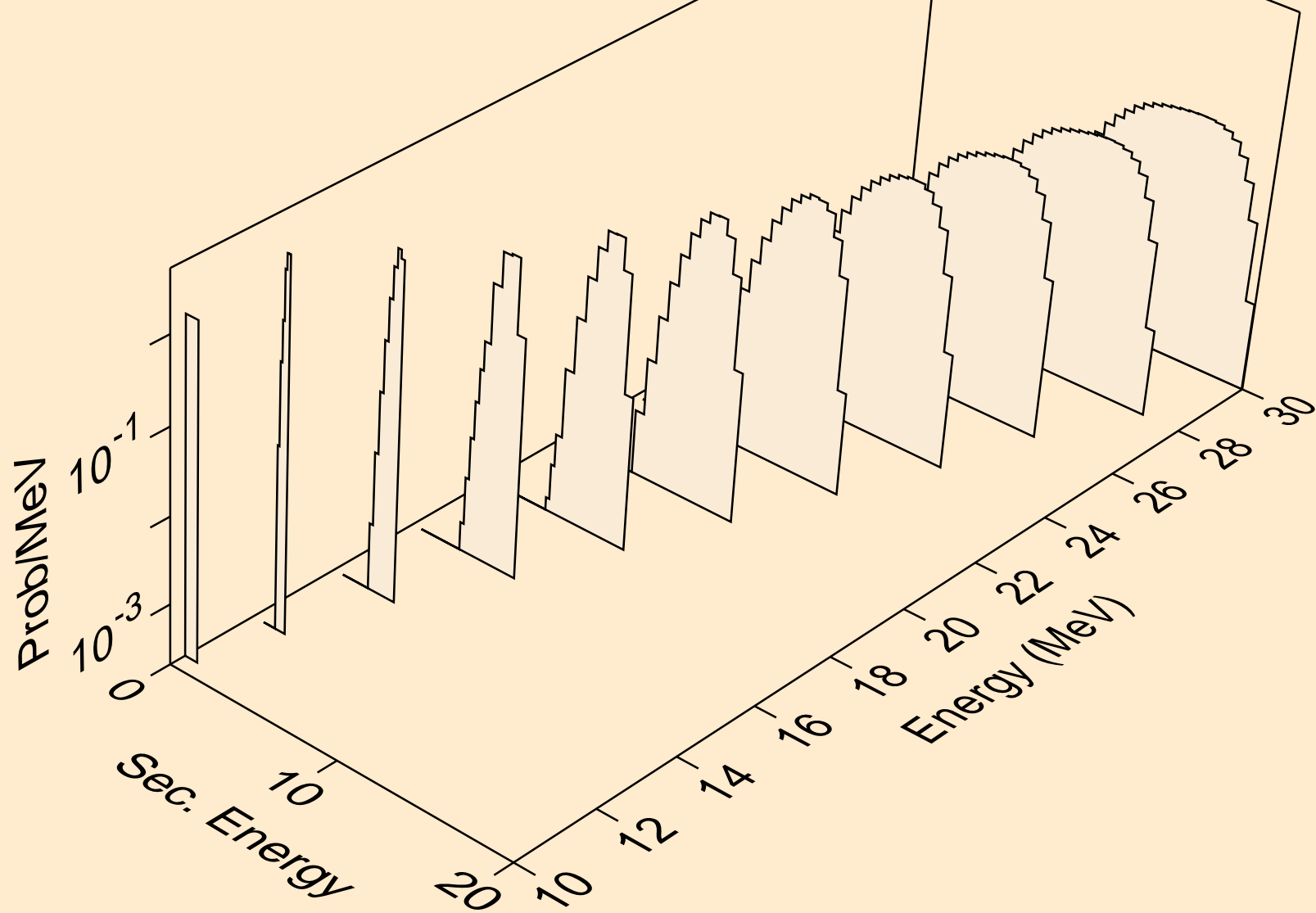
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neutrons from (p,npa)



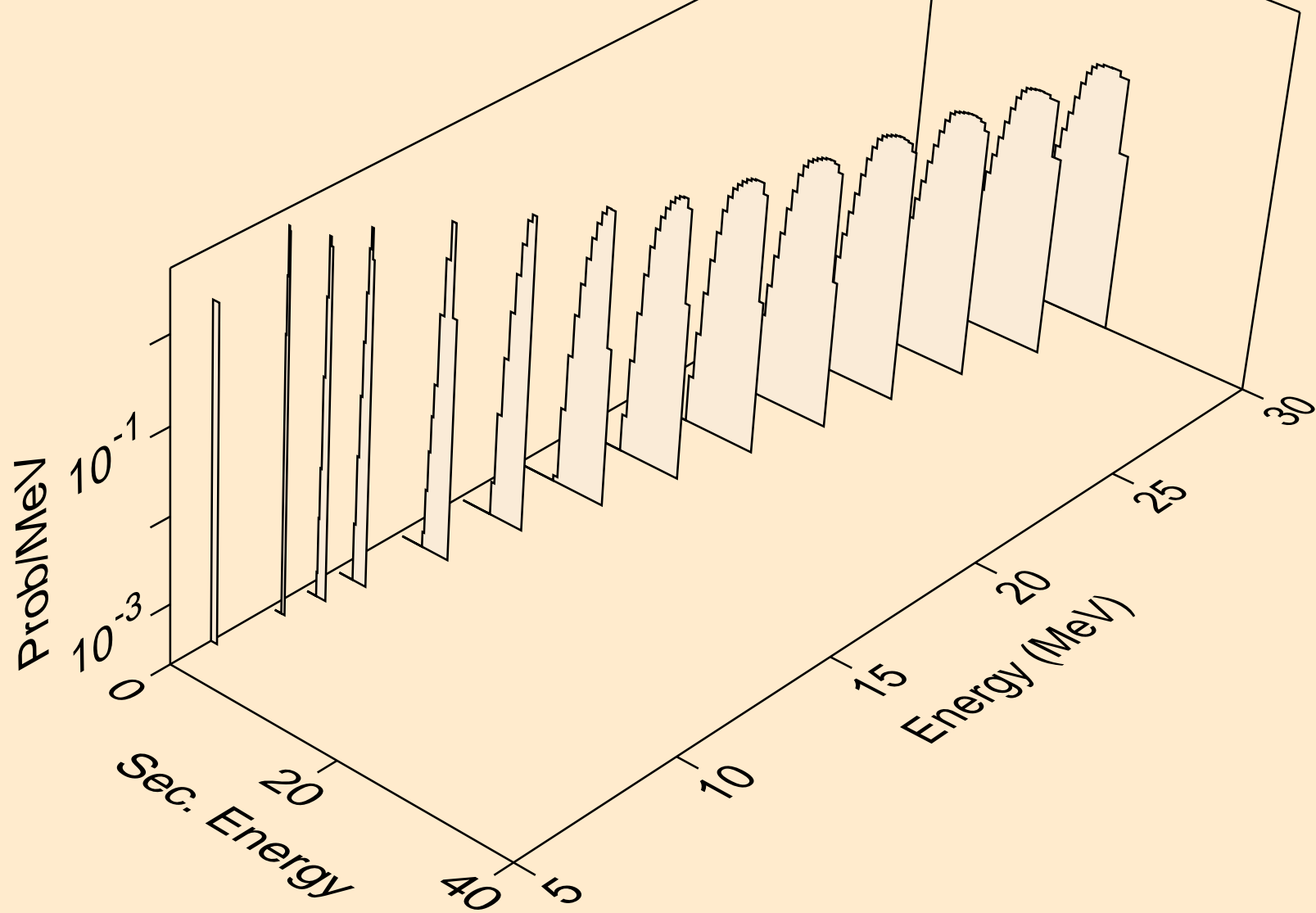
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deuterons from (p,x)



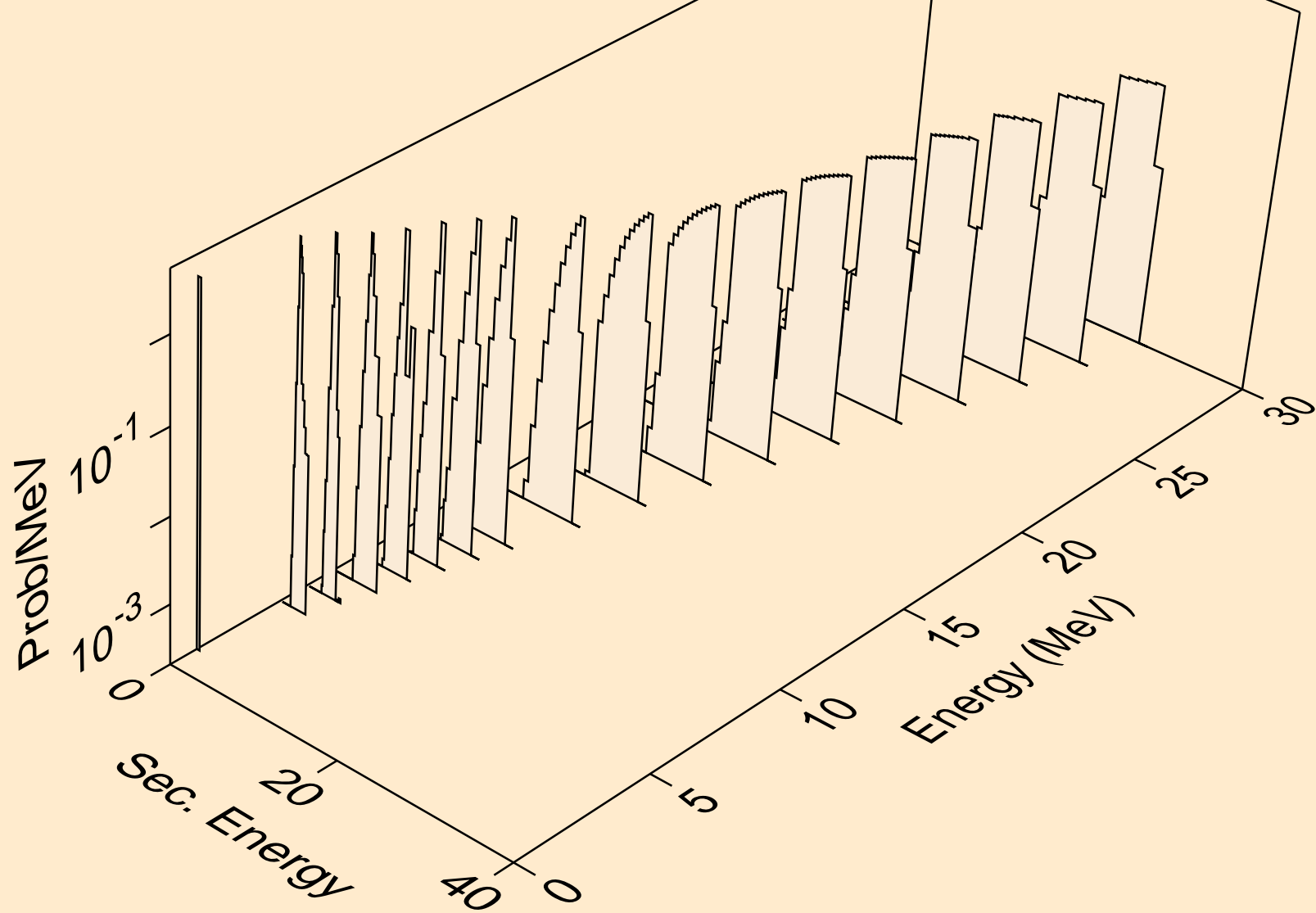
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d

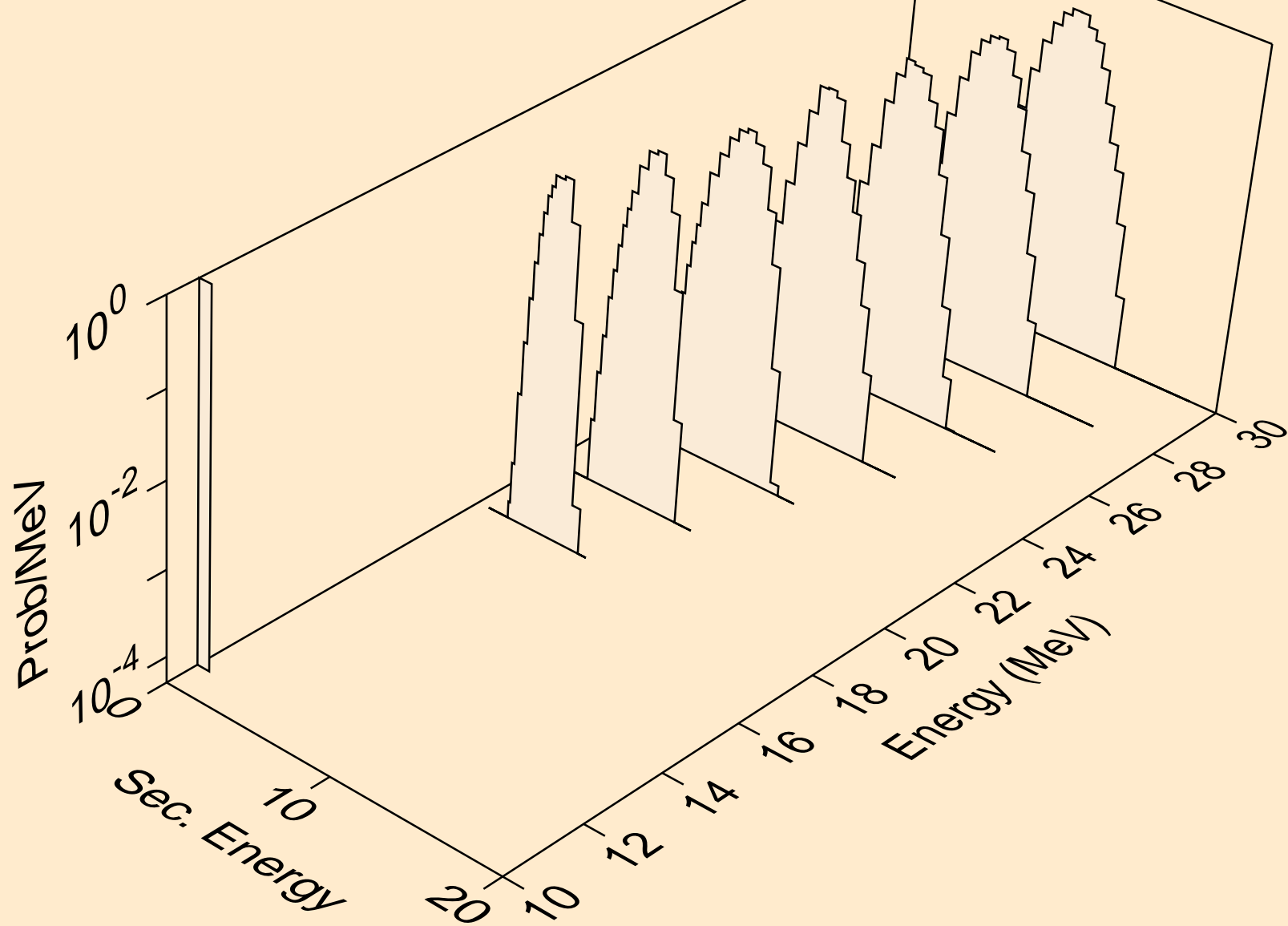


CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)

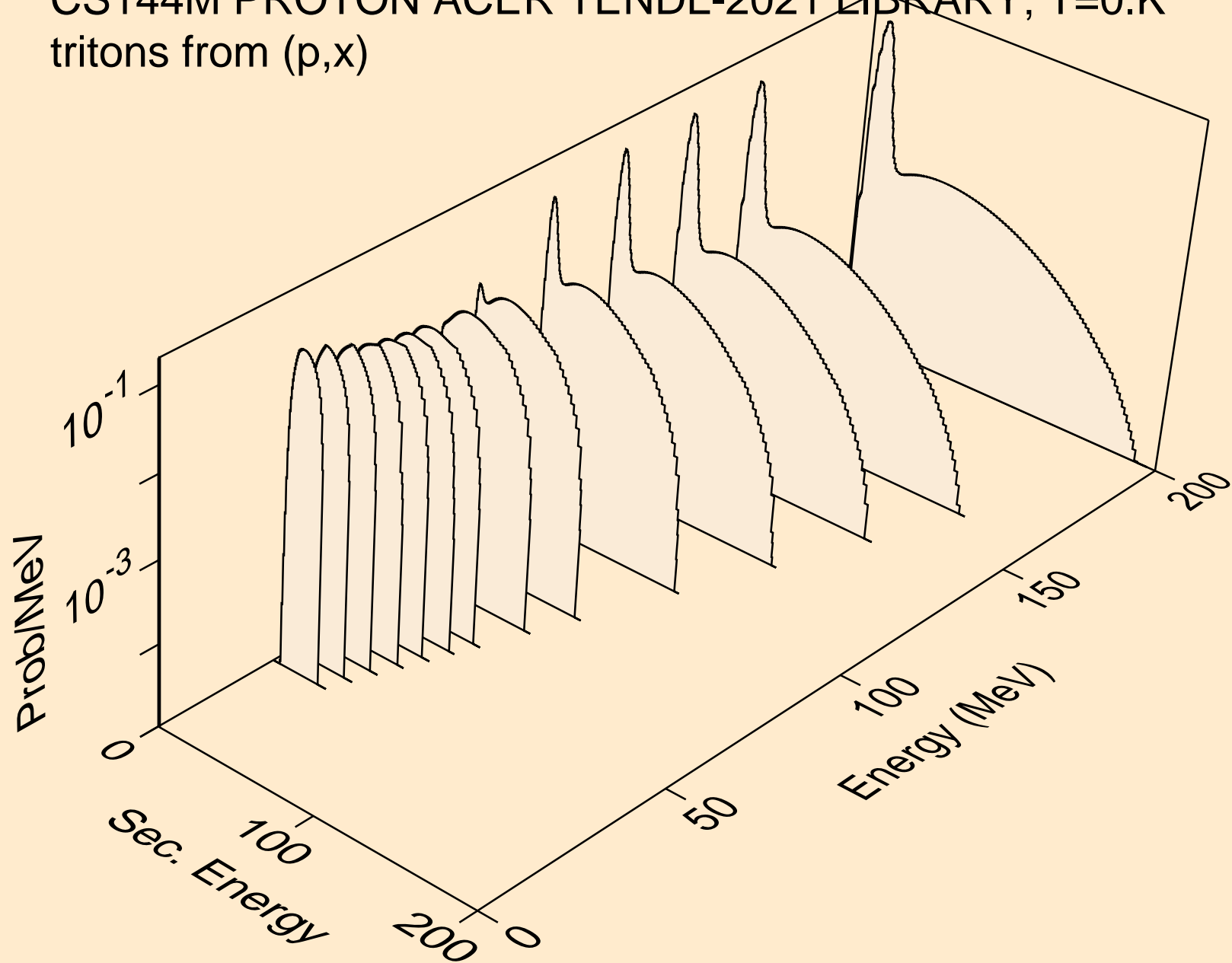




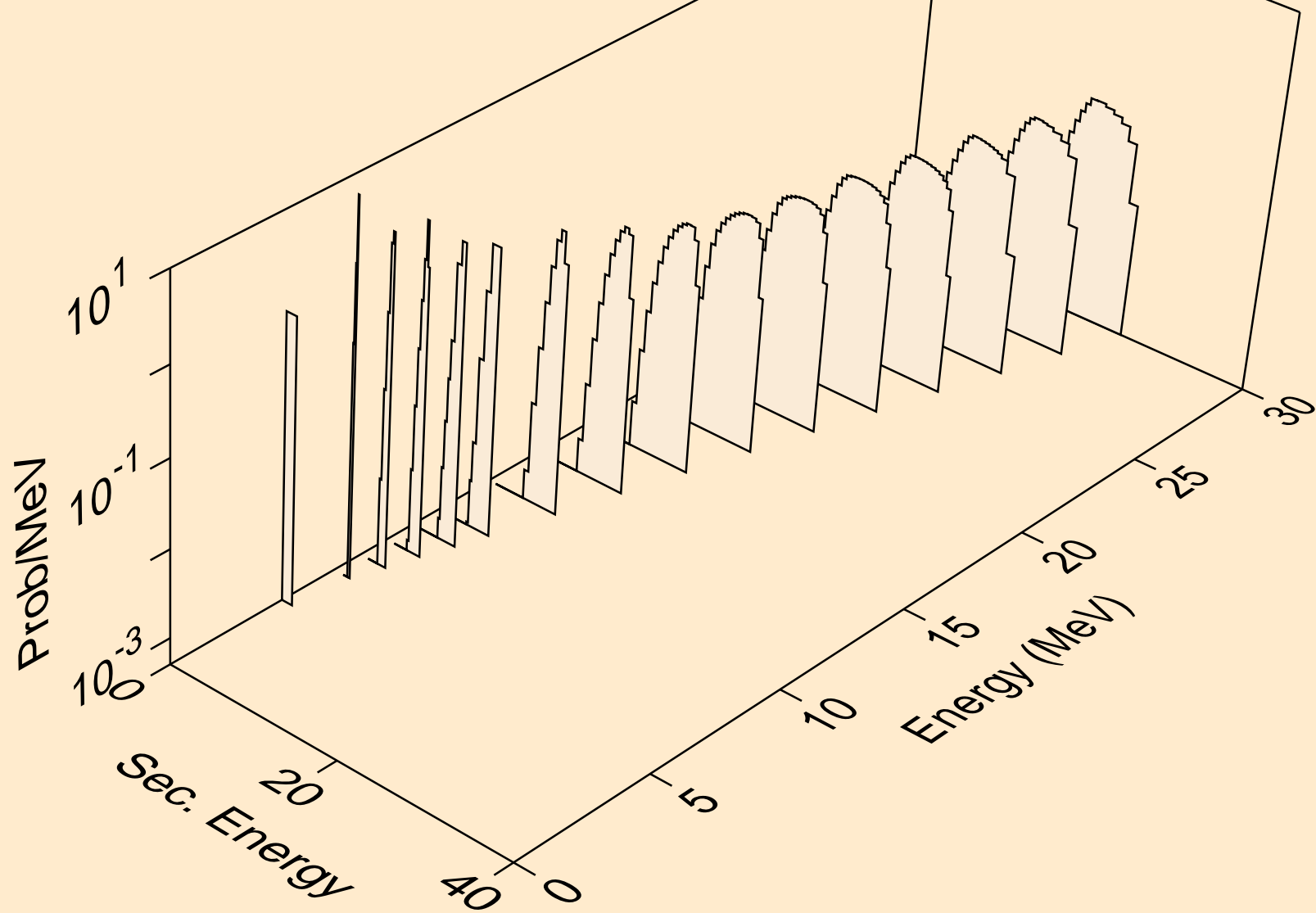
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deuterons from (p,pd)



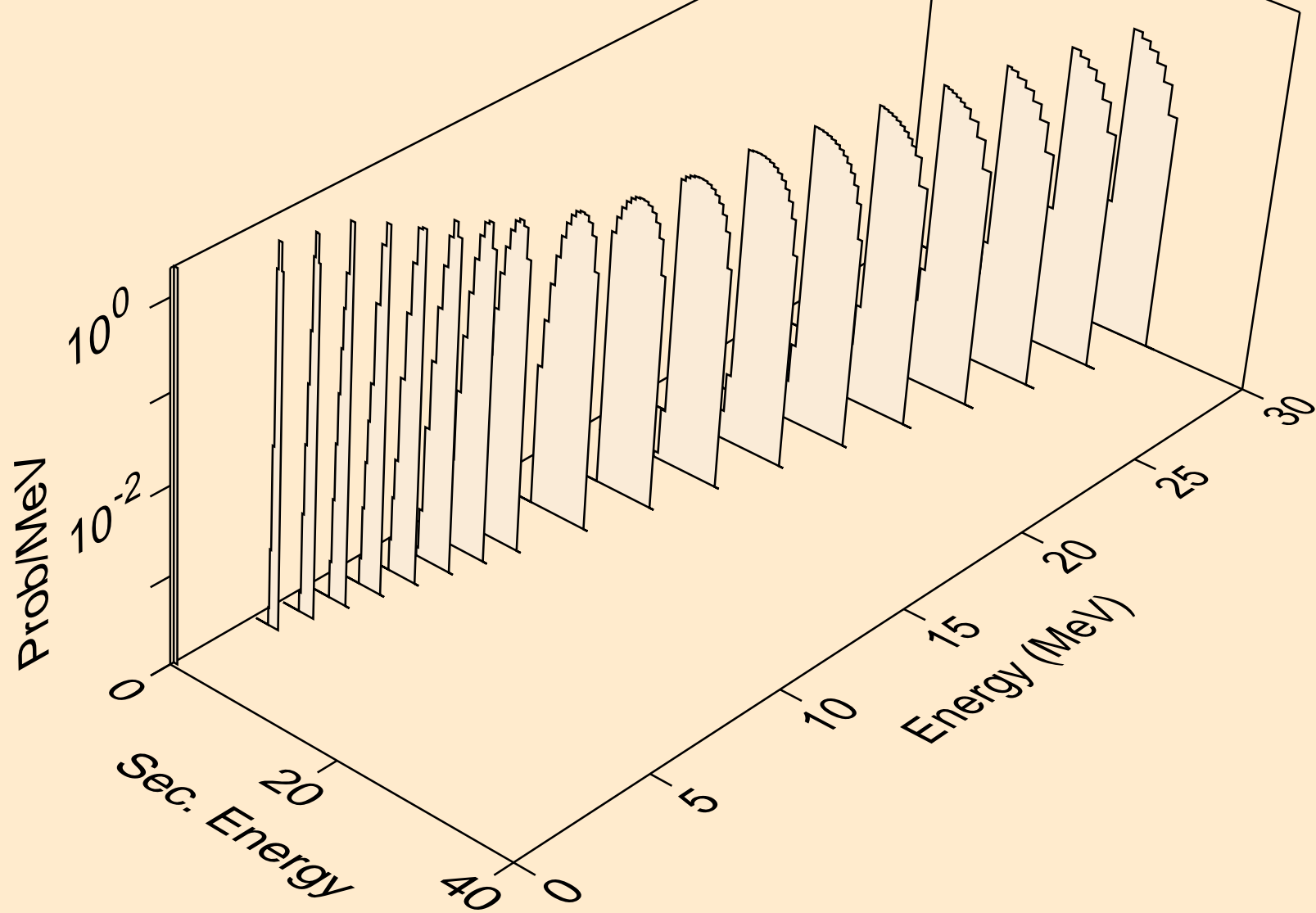
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tritons from (p,x)



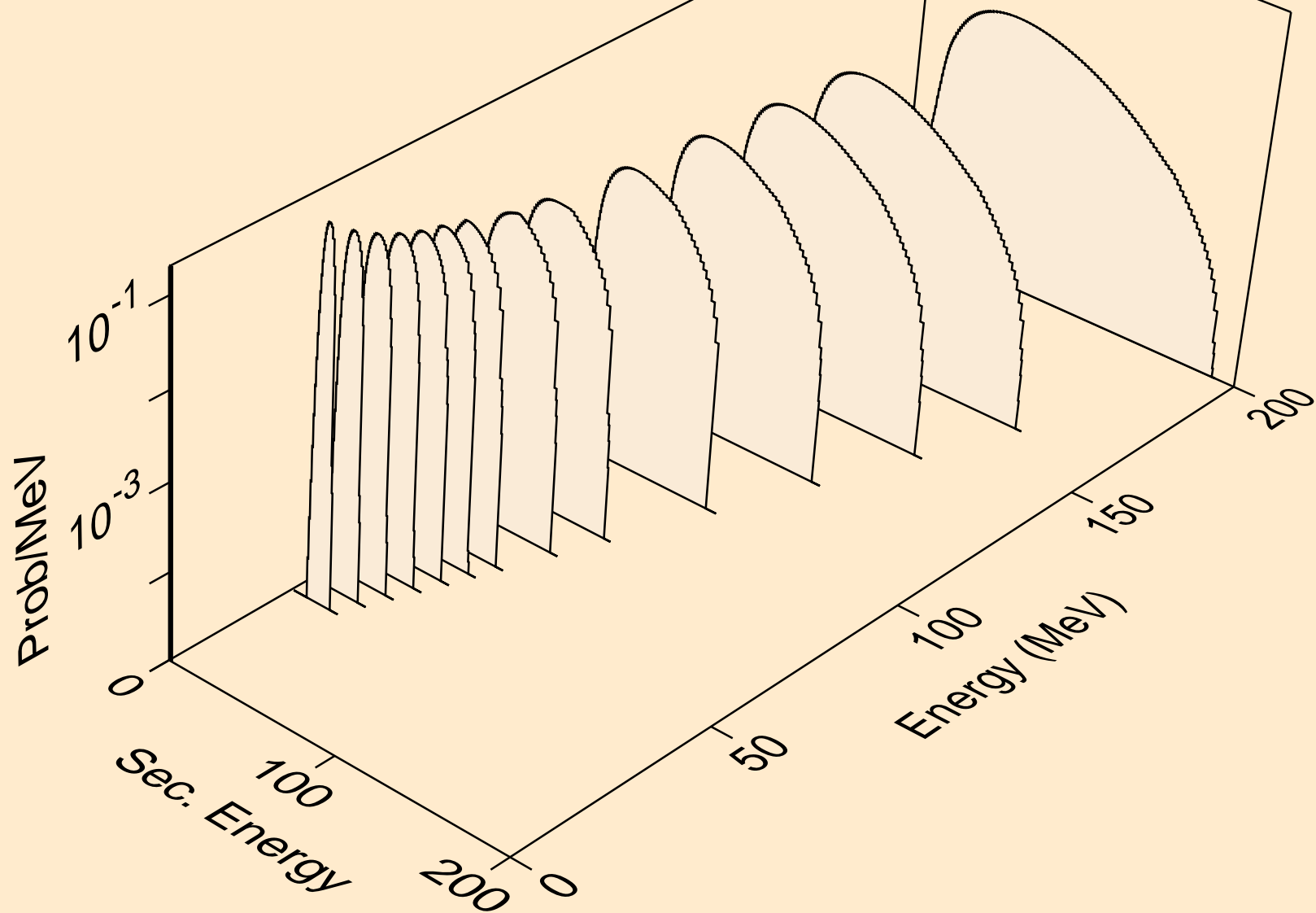
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tritons from (p,n\*)t



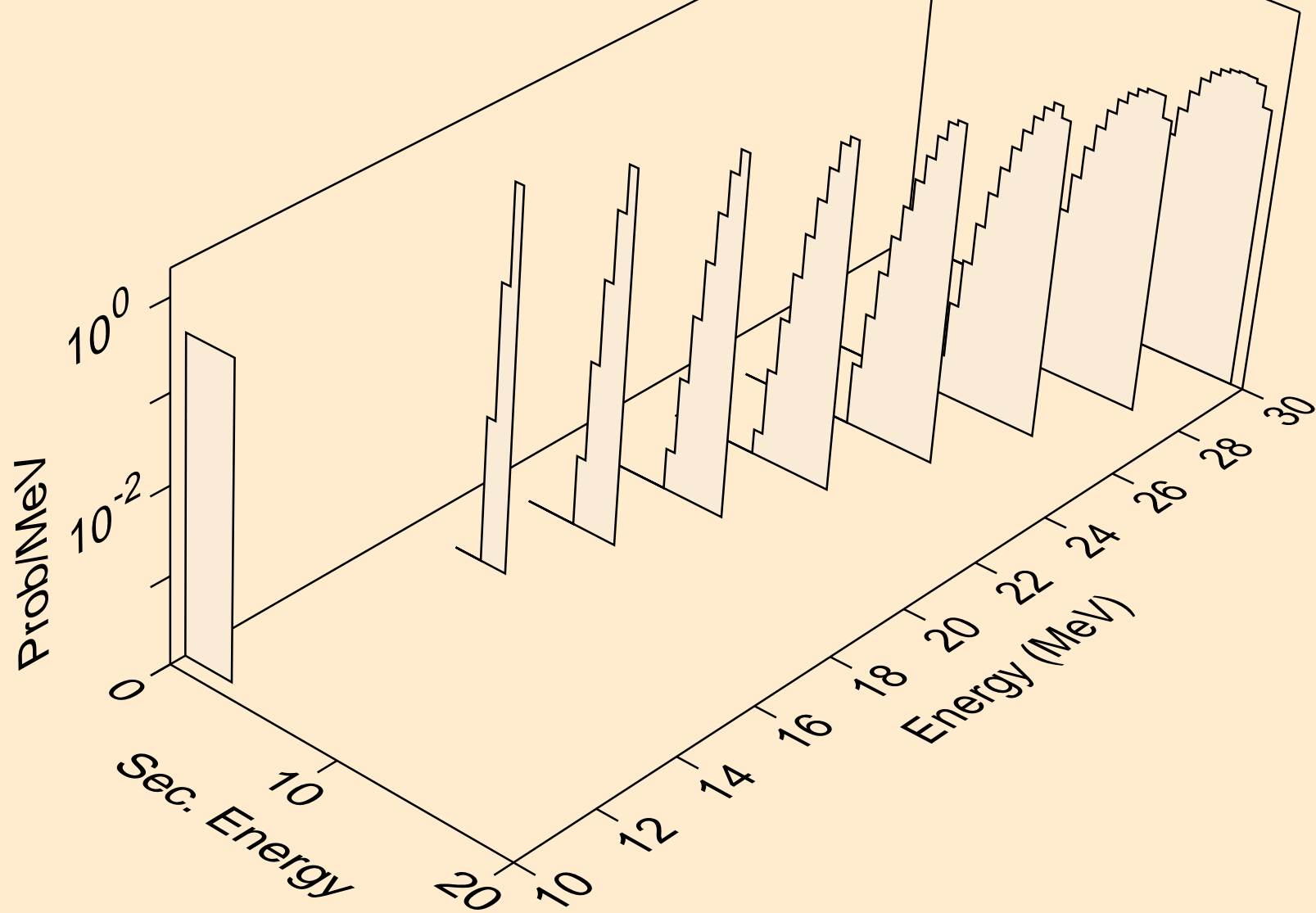
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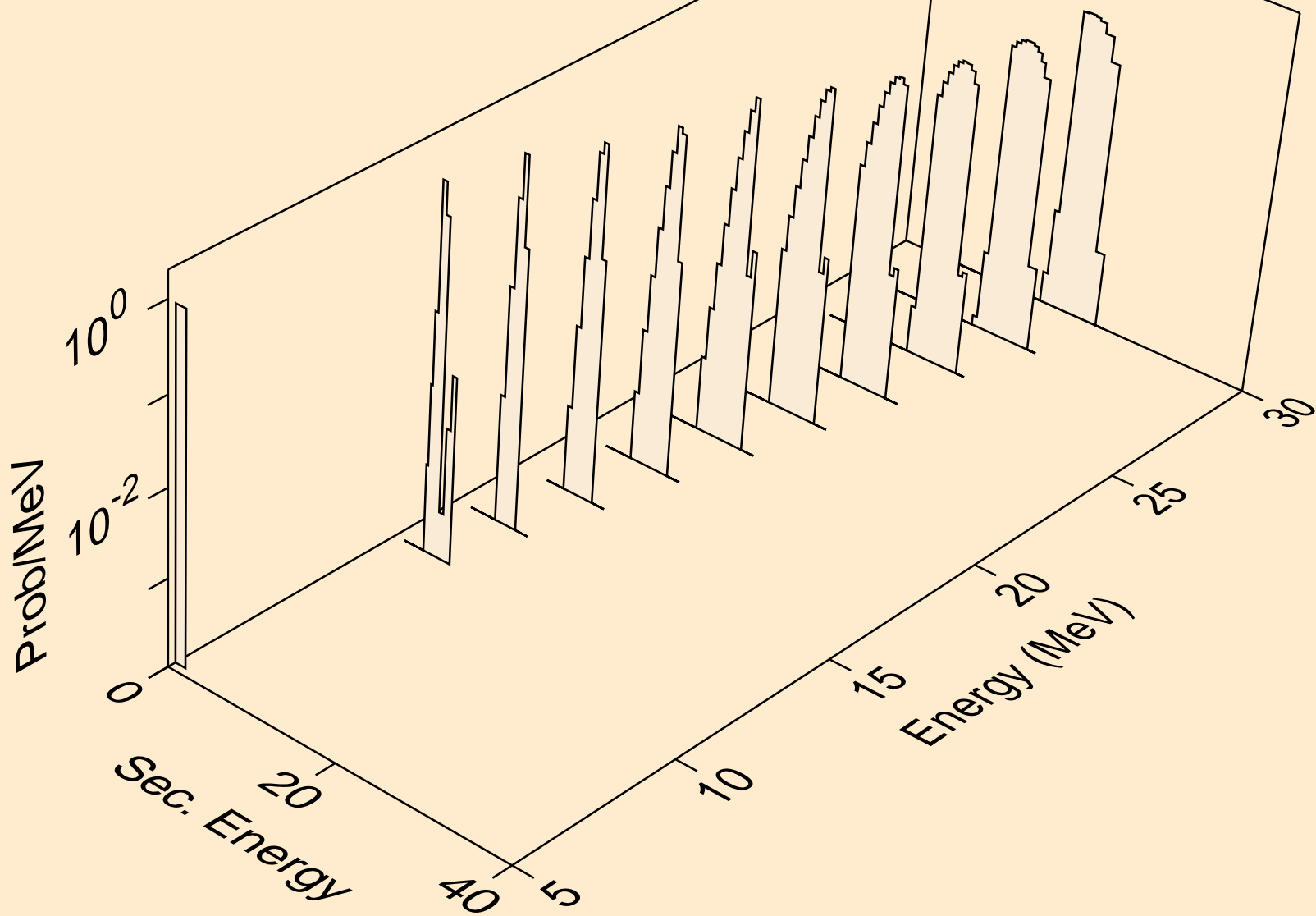
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he3s from (p,x)



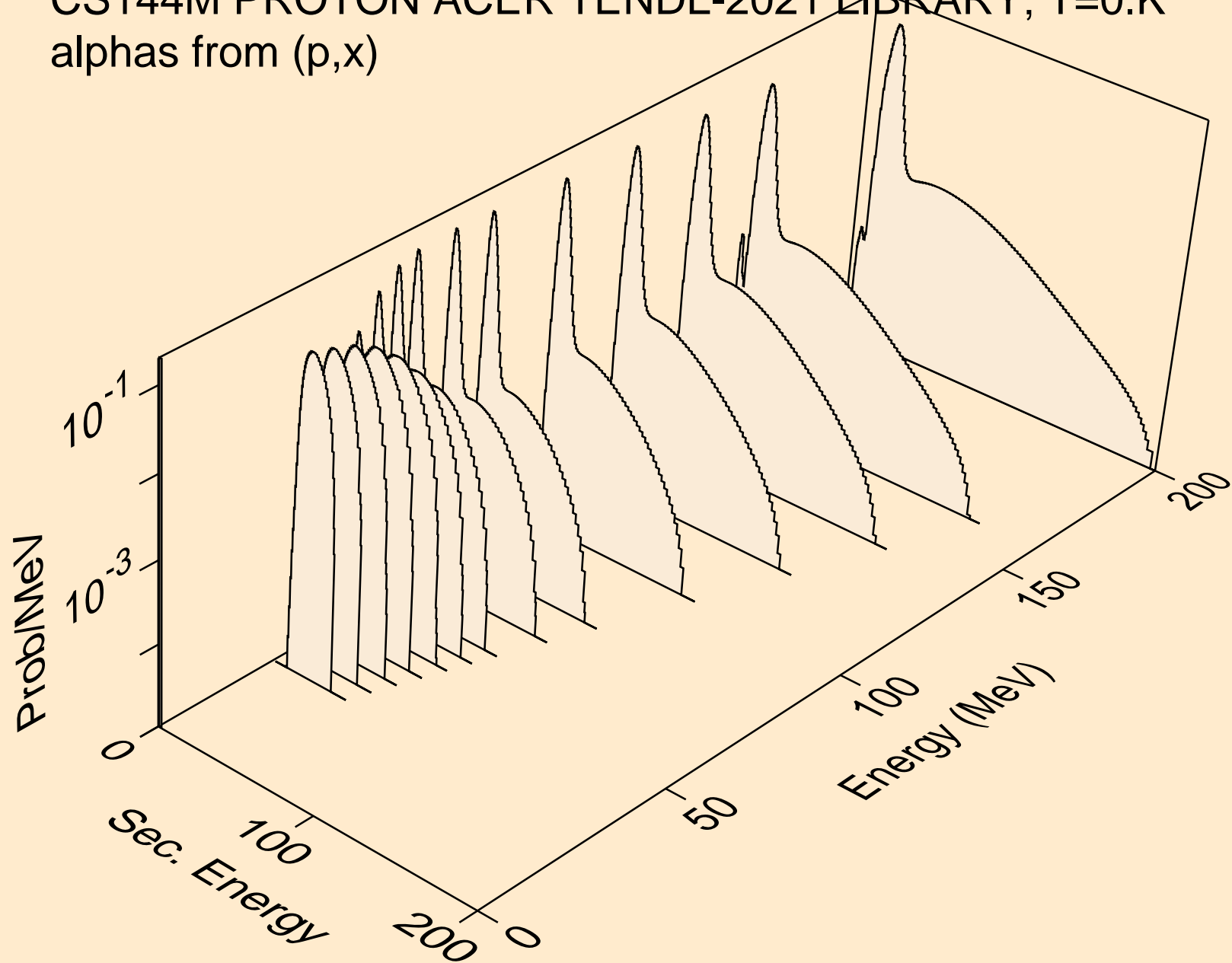
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)

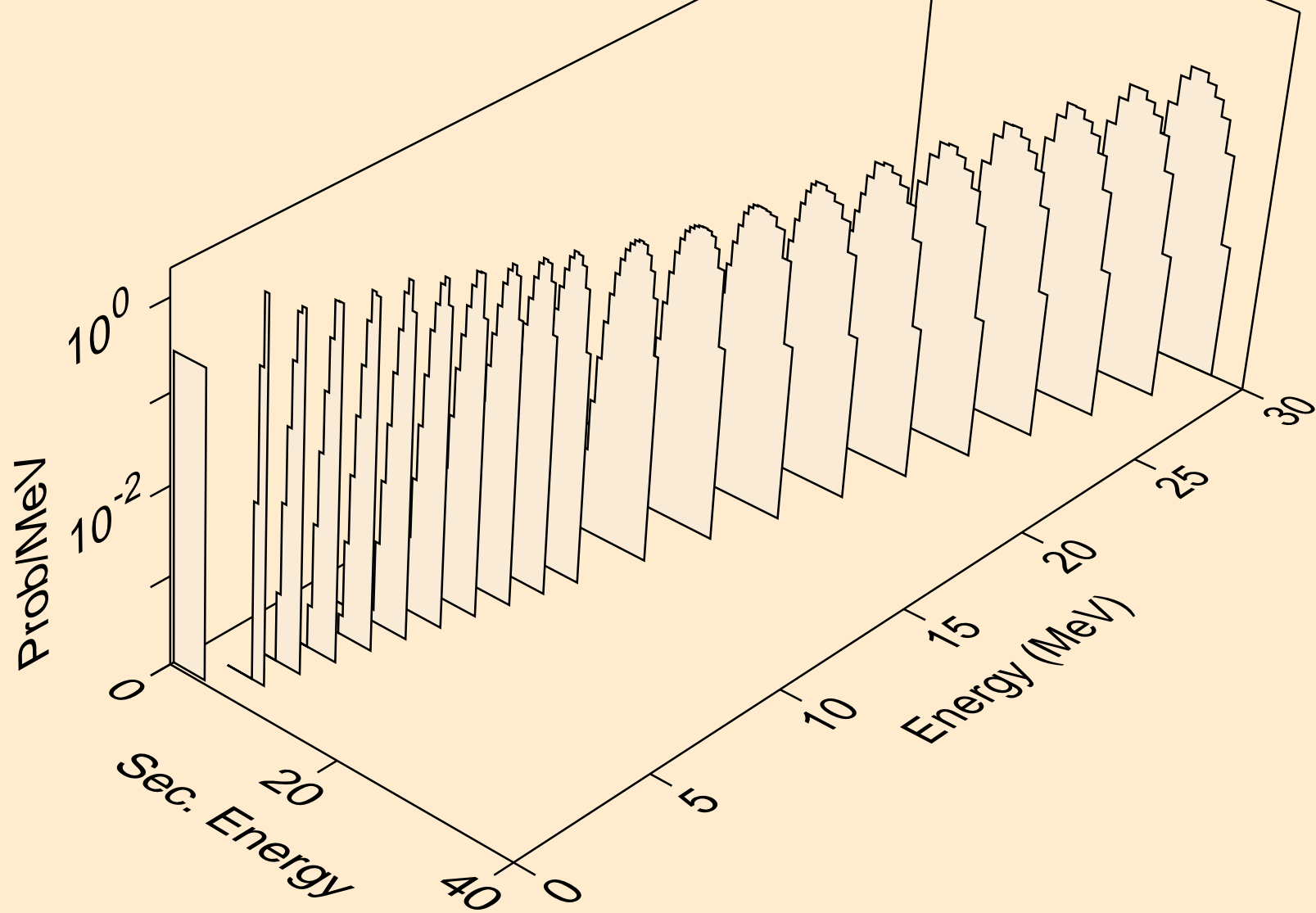


CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)

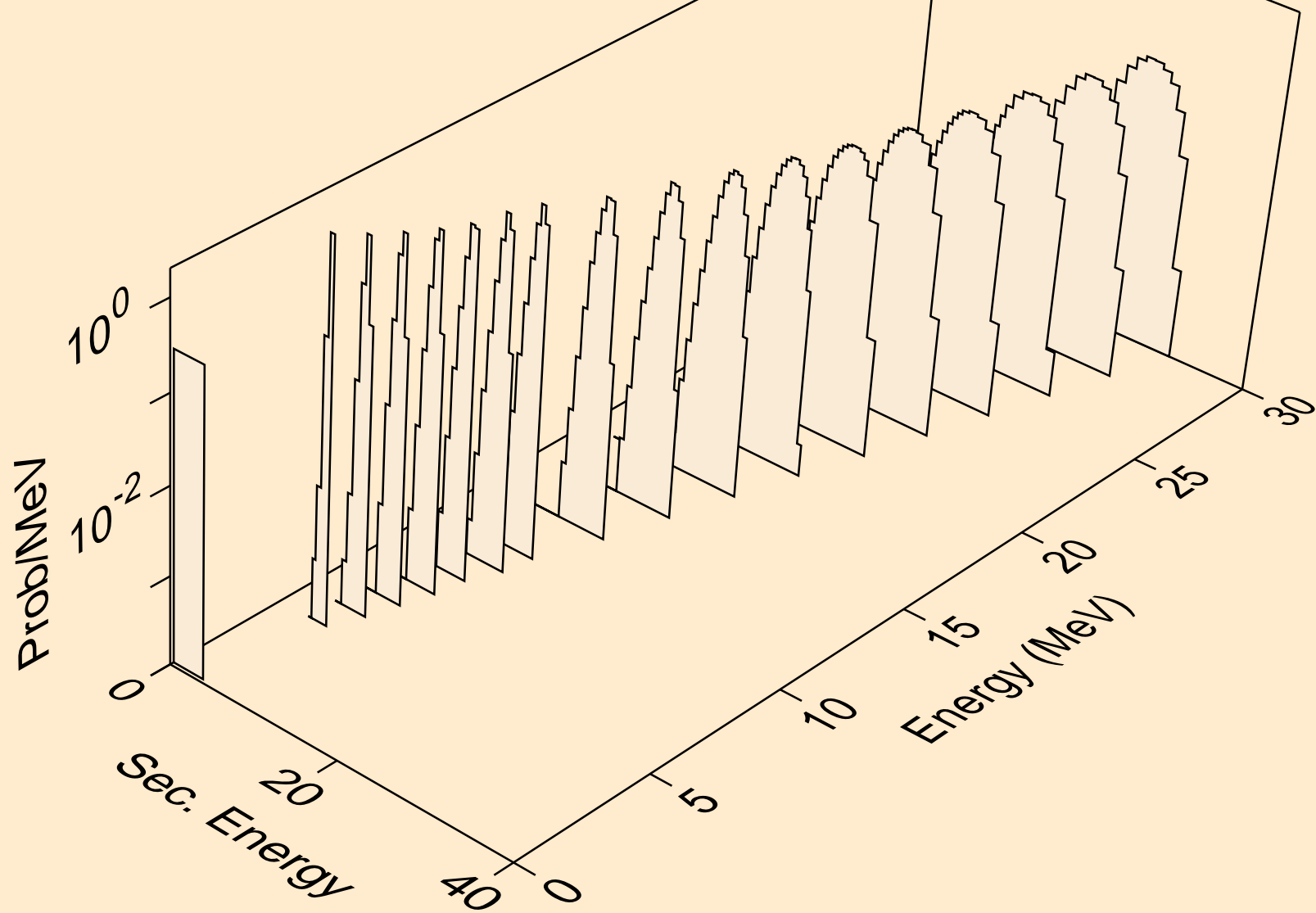




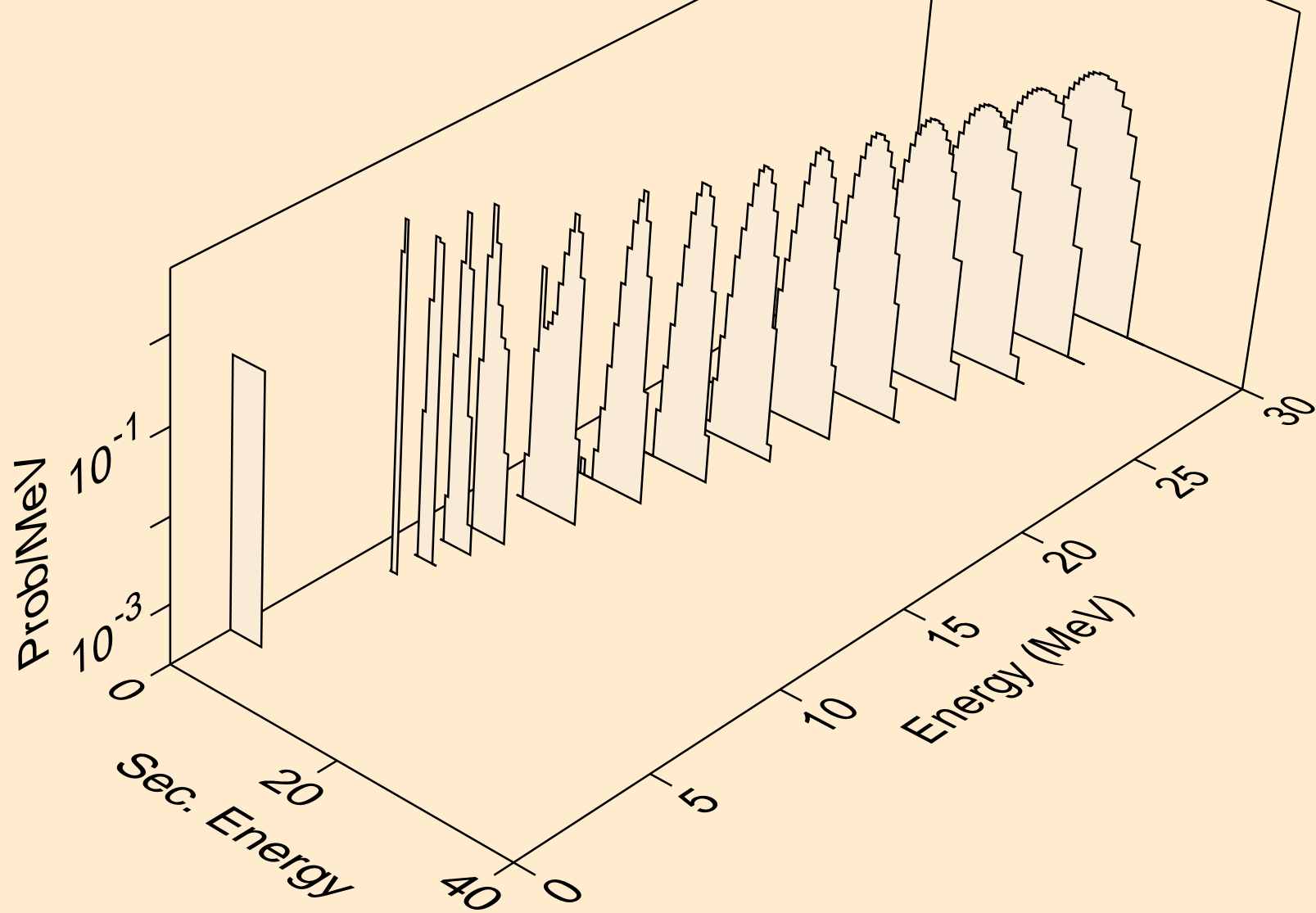
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



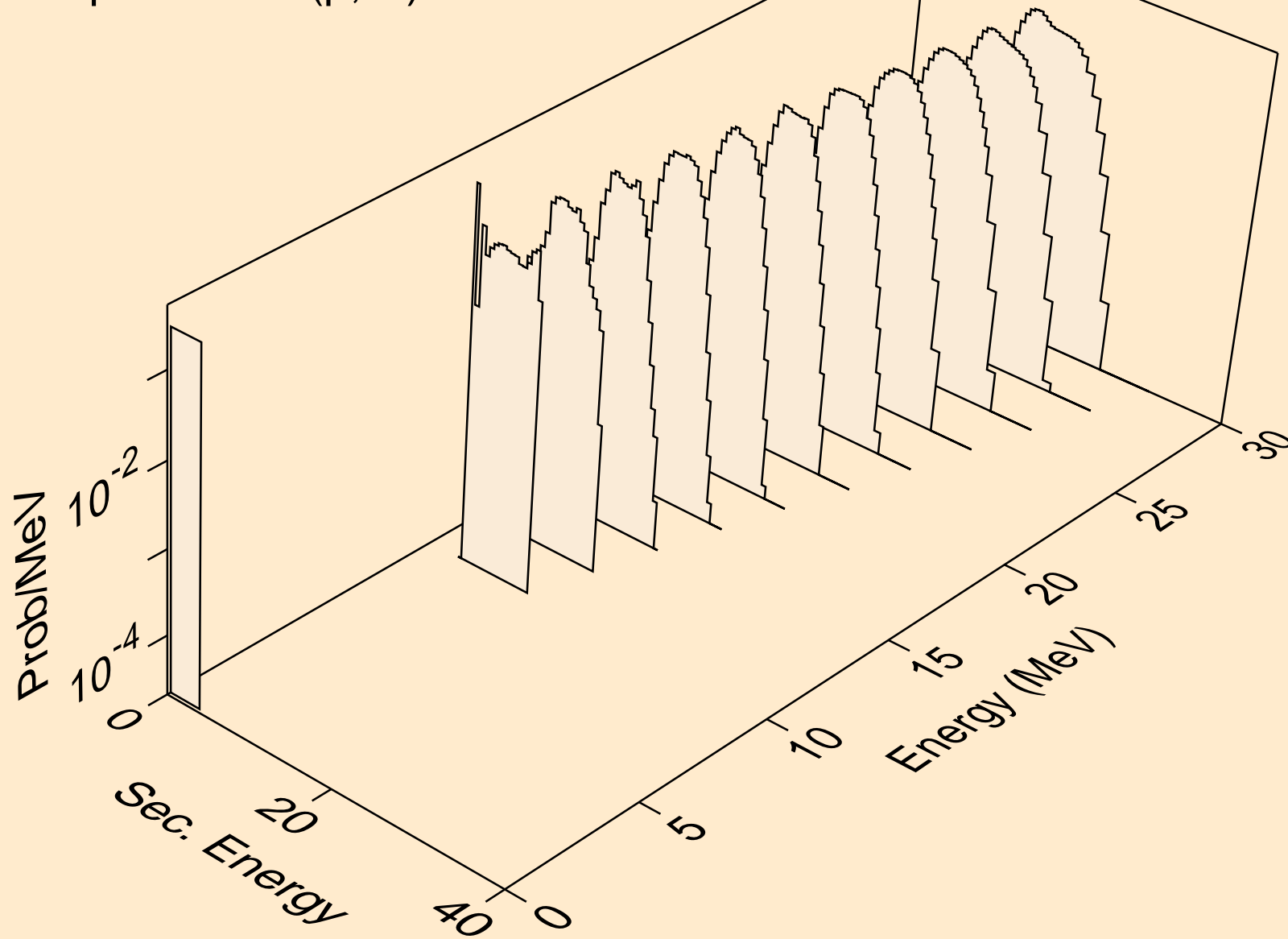
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



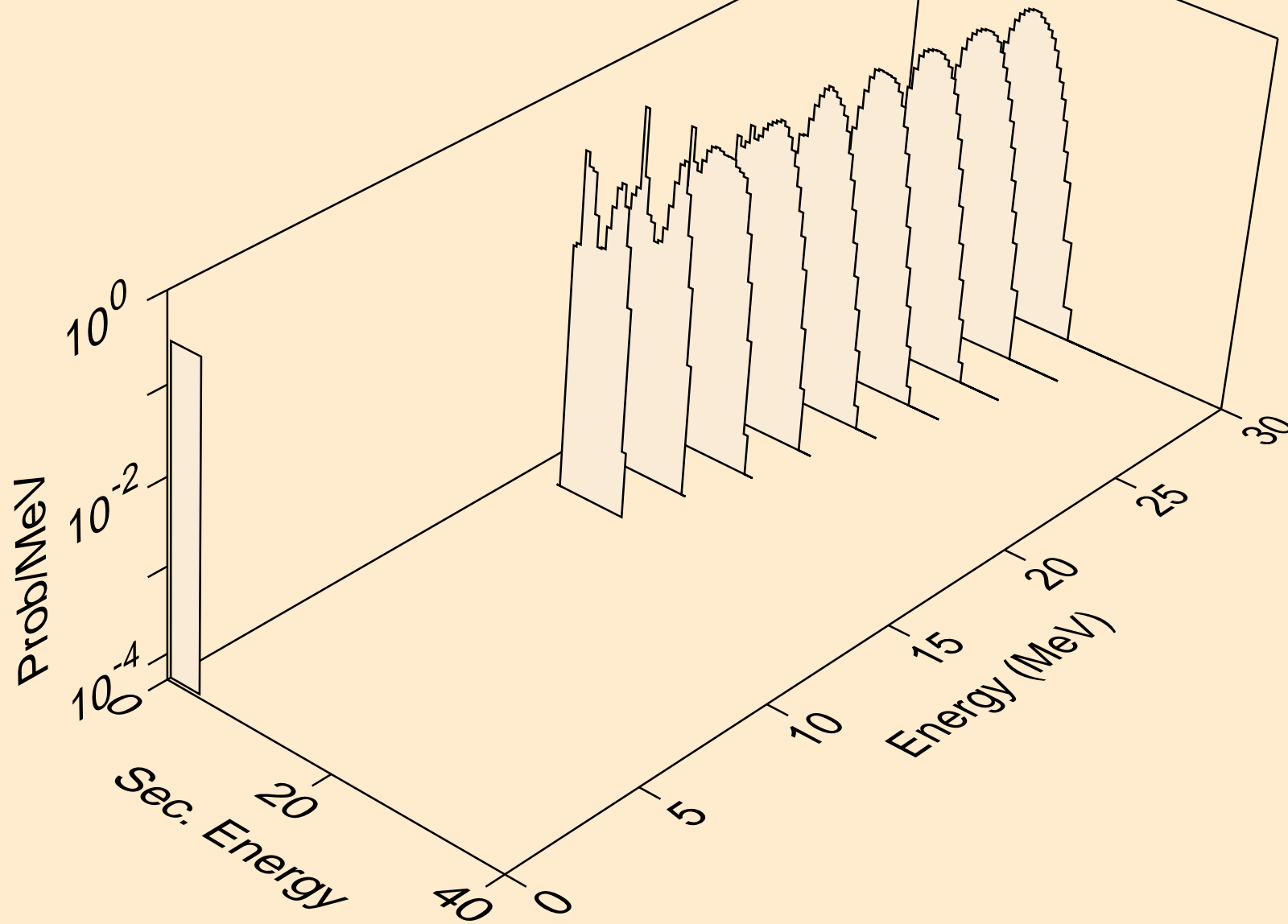
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alphas from (p,3n)a



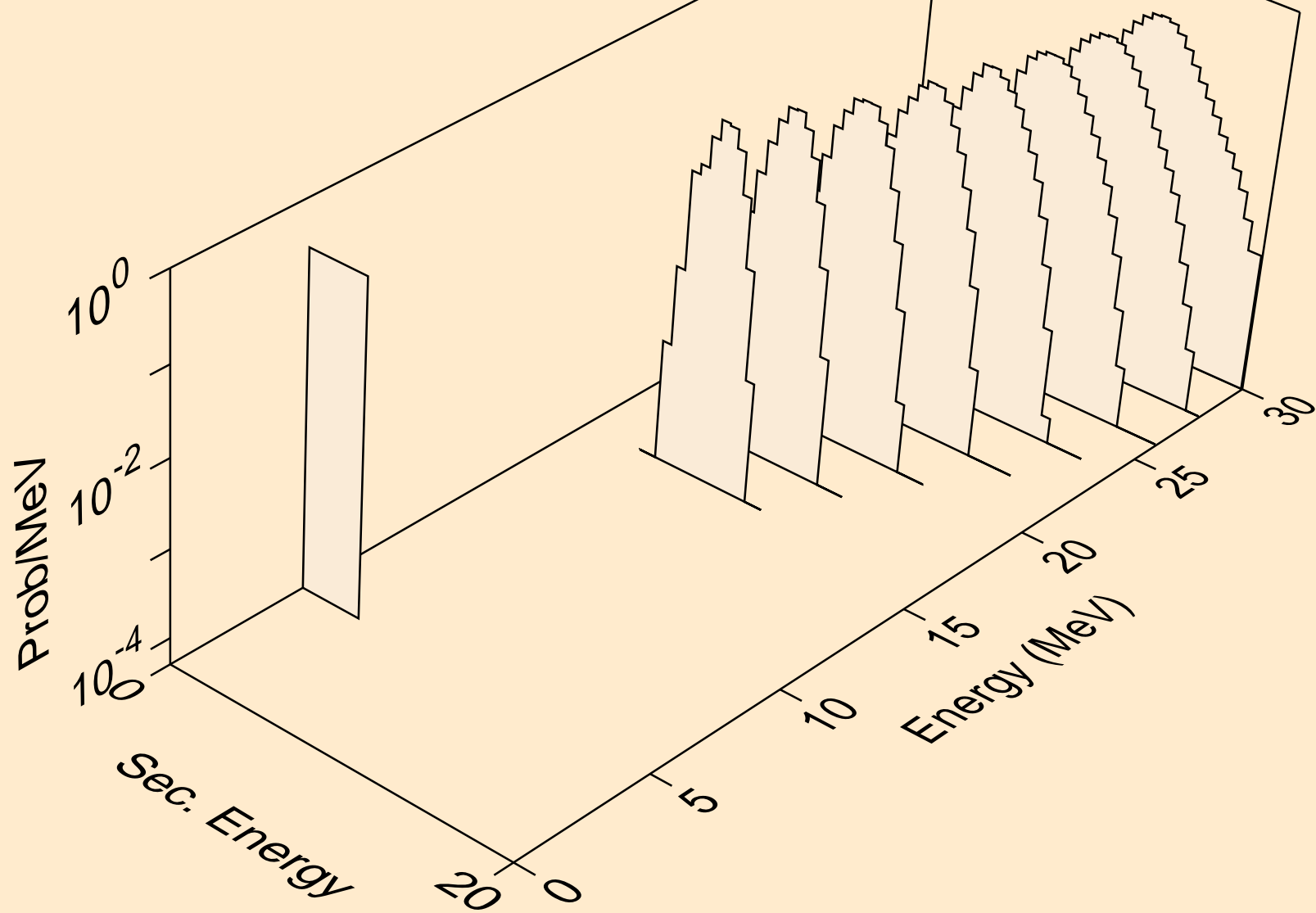
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a



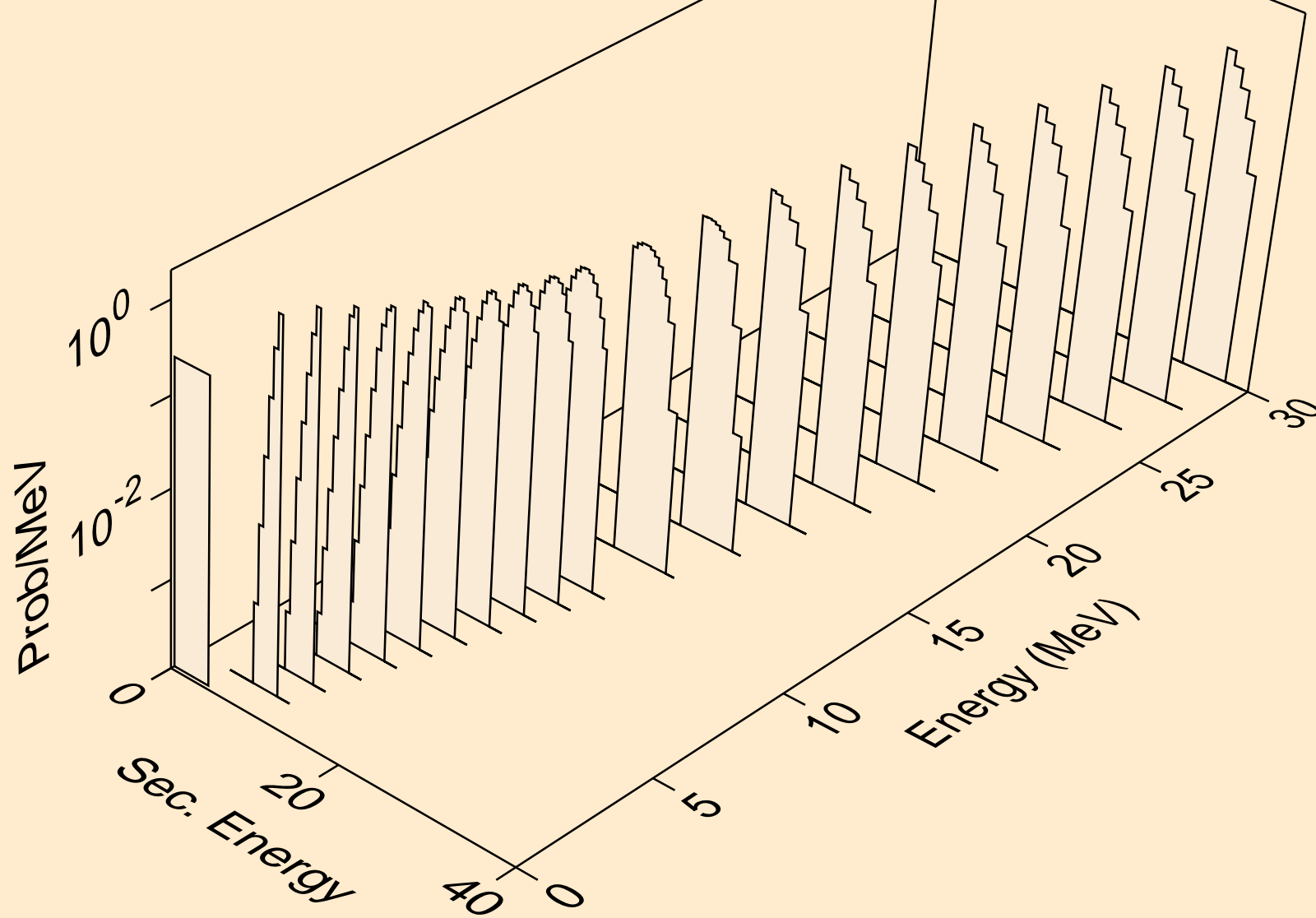
CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)2a



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



CS144M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)

