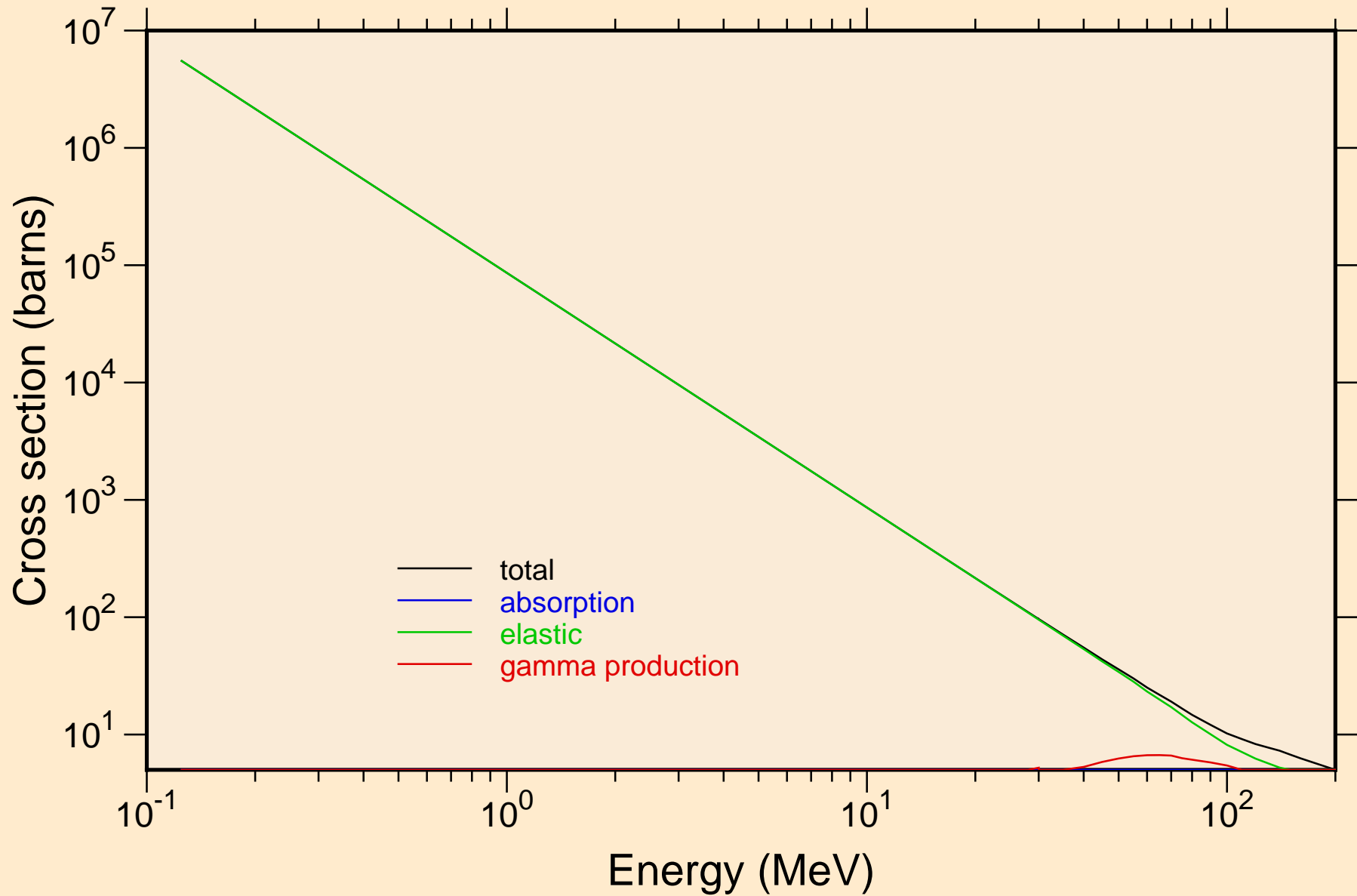
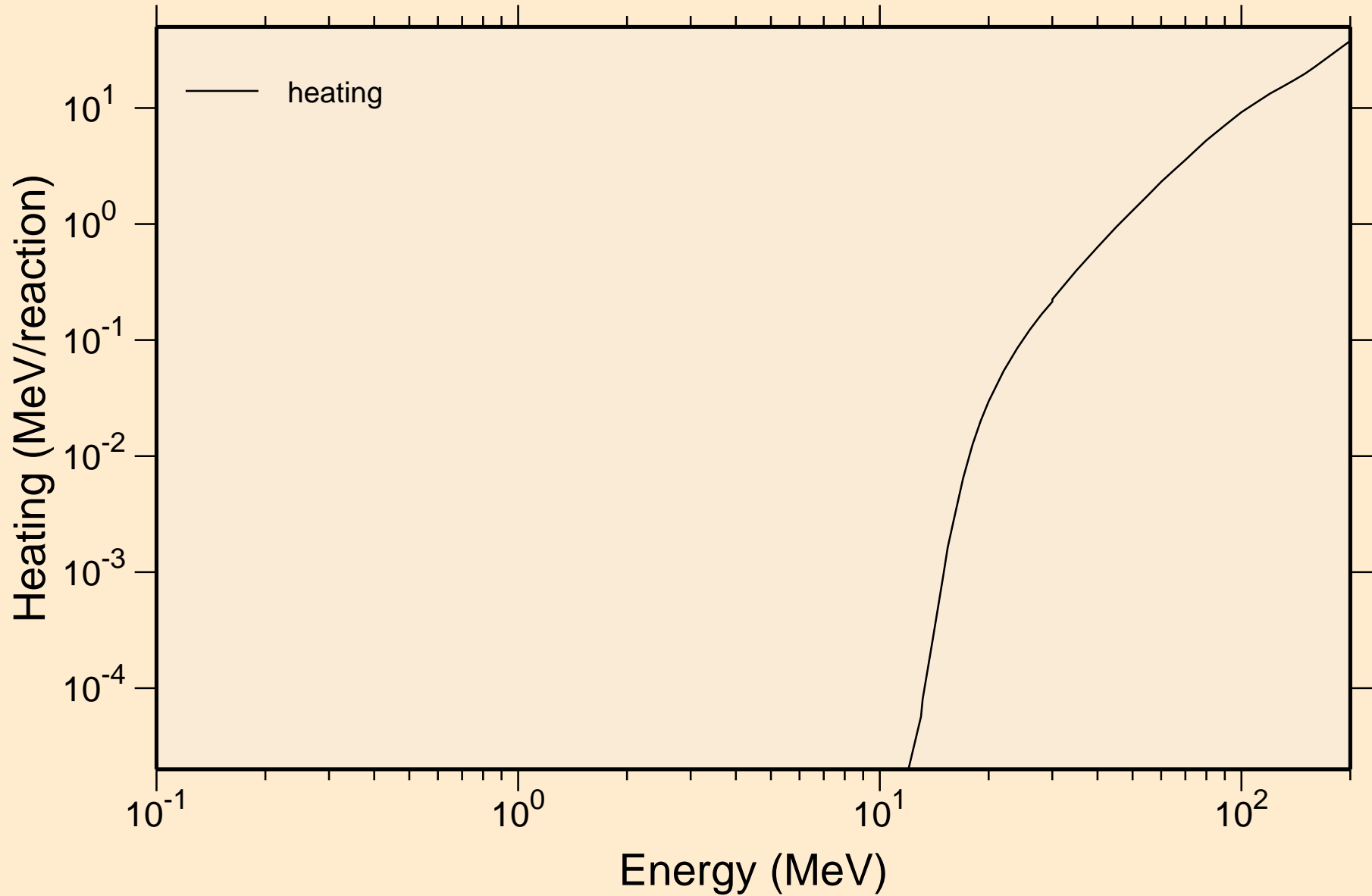


CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



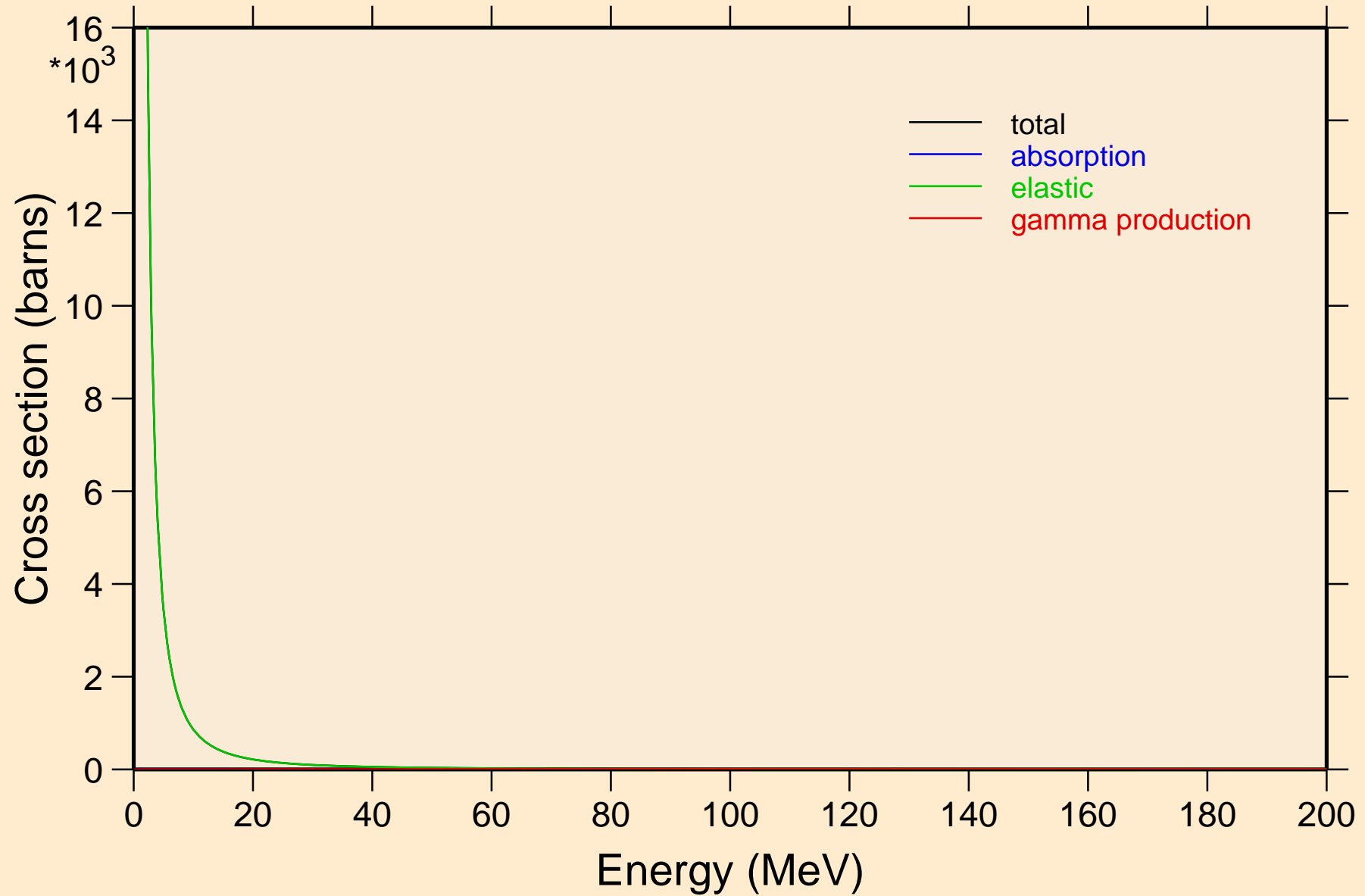
# CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



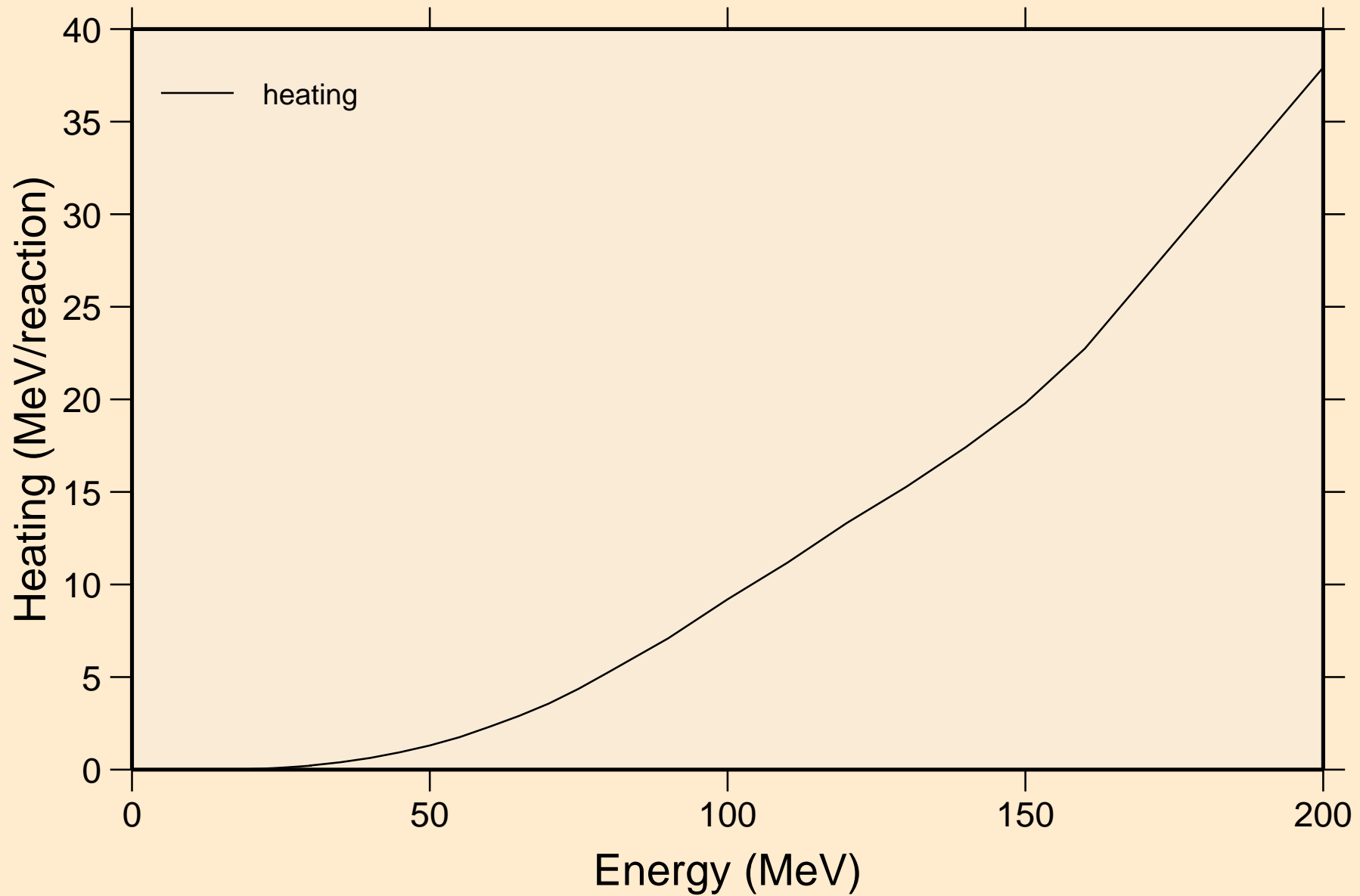
# CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

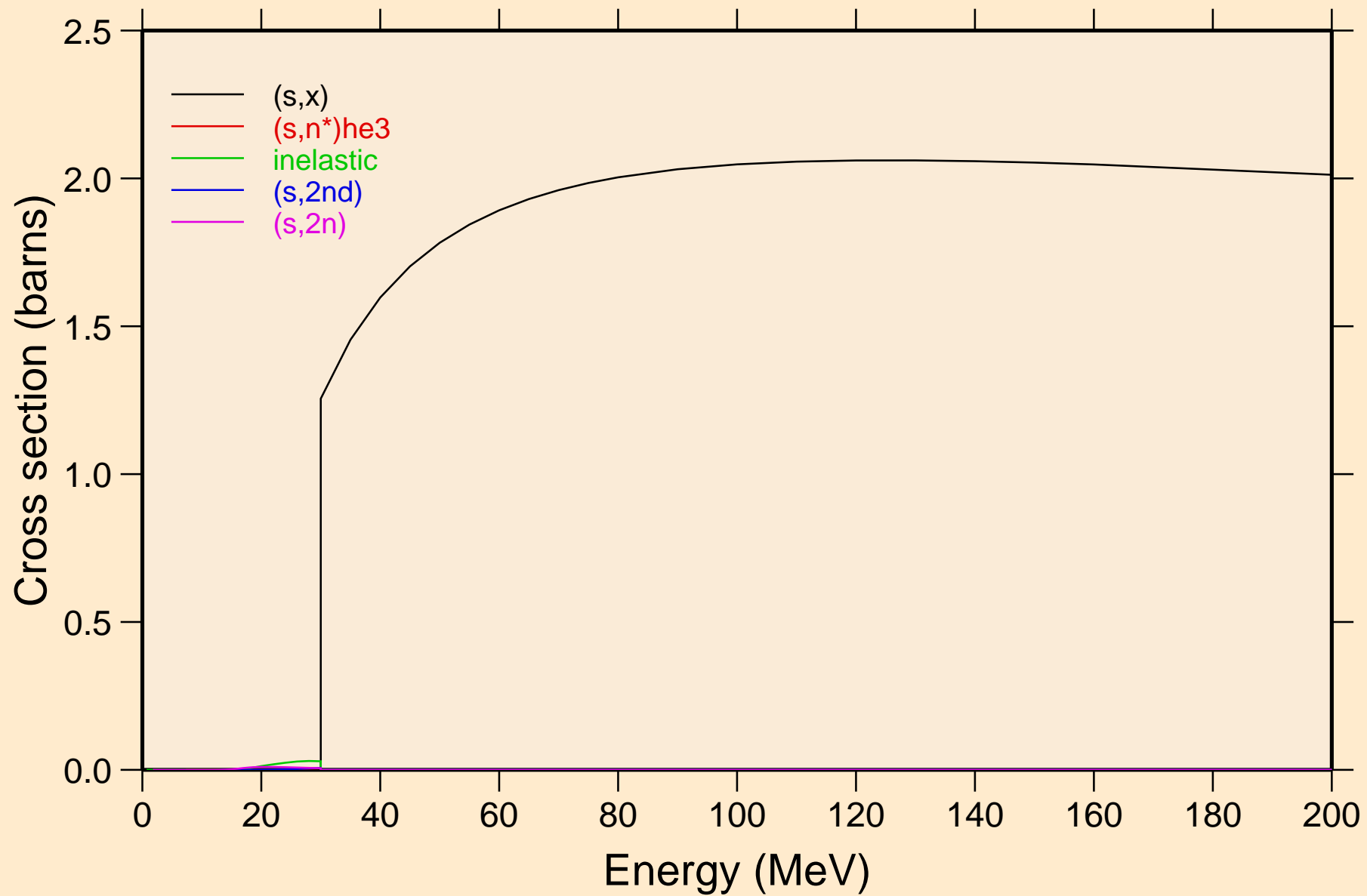


CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K

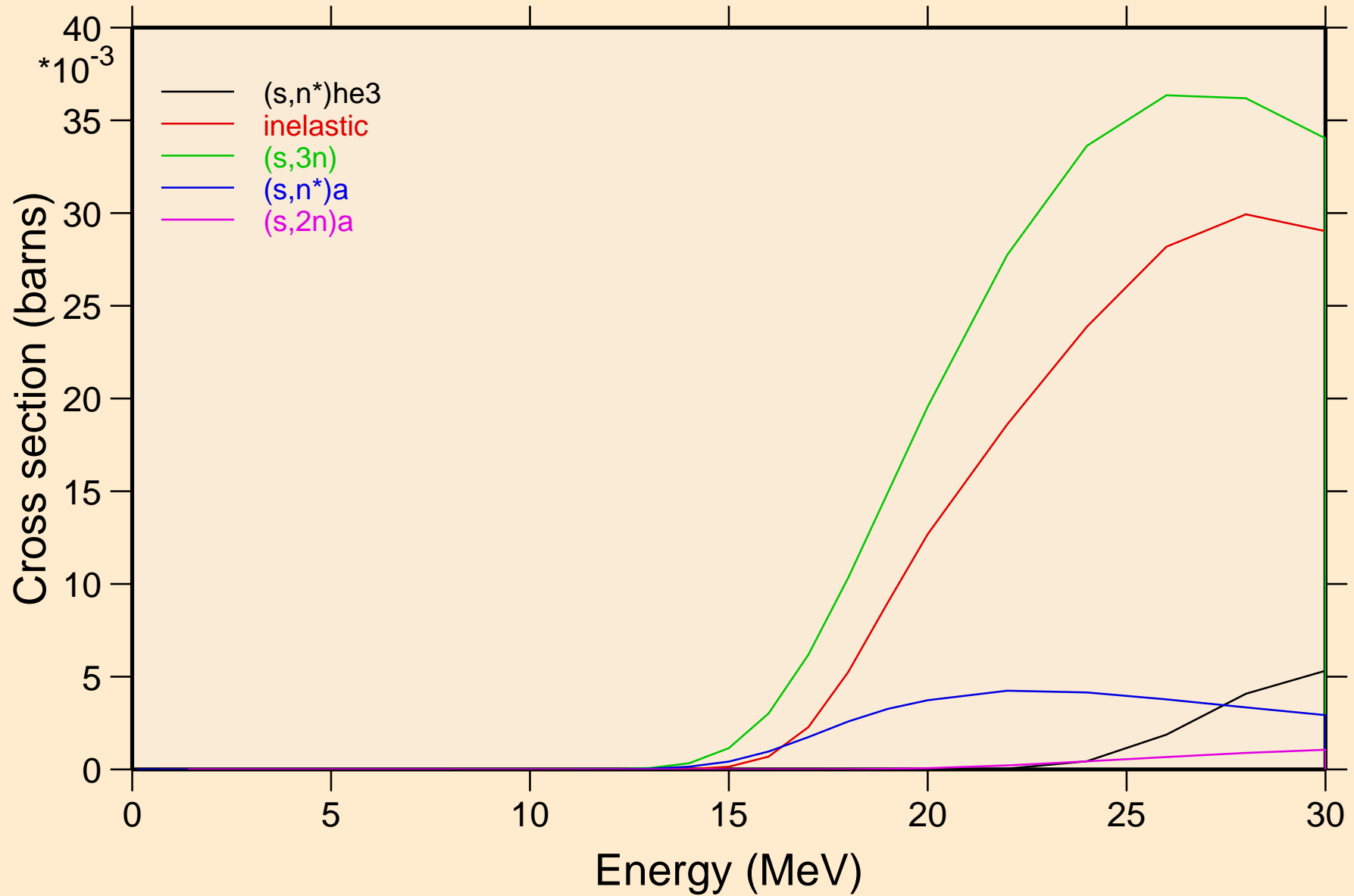
Heating



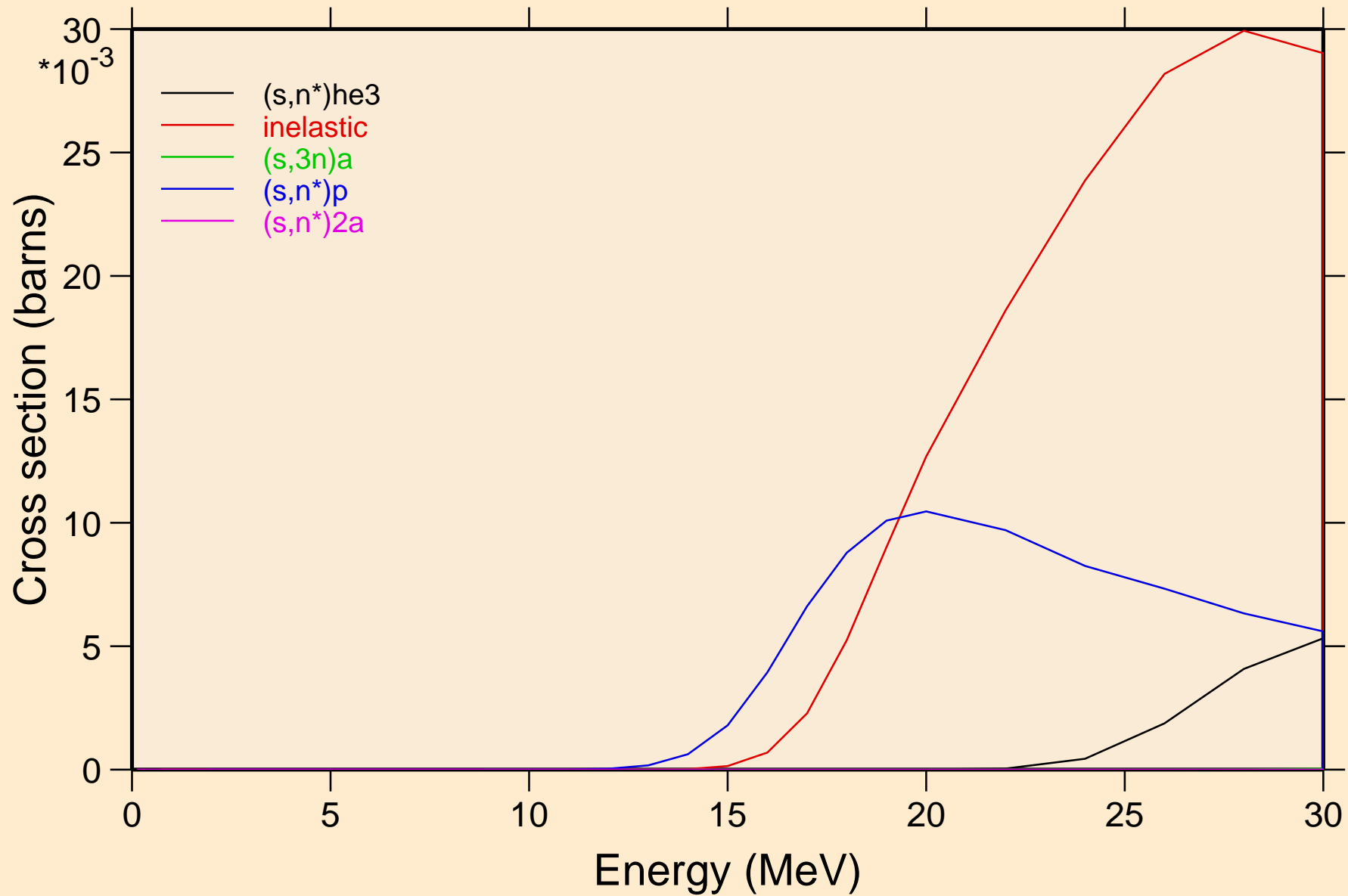
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



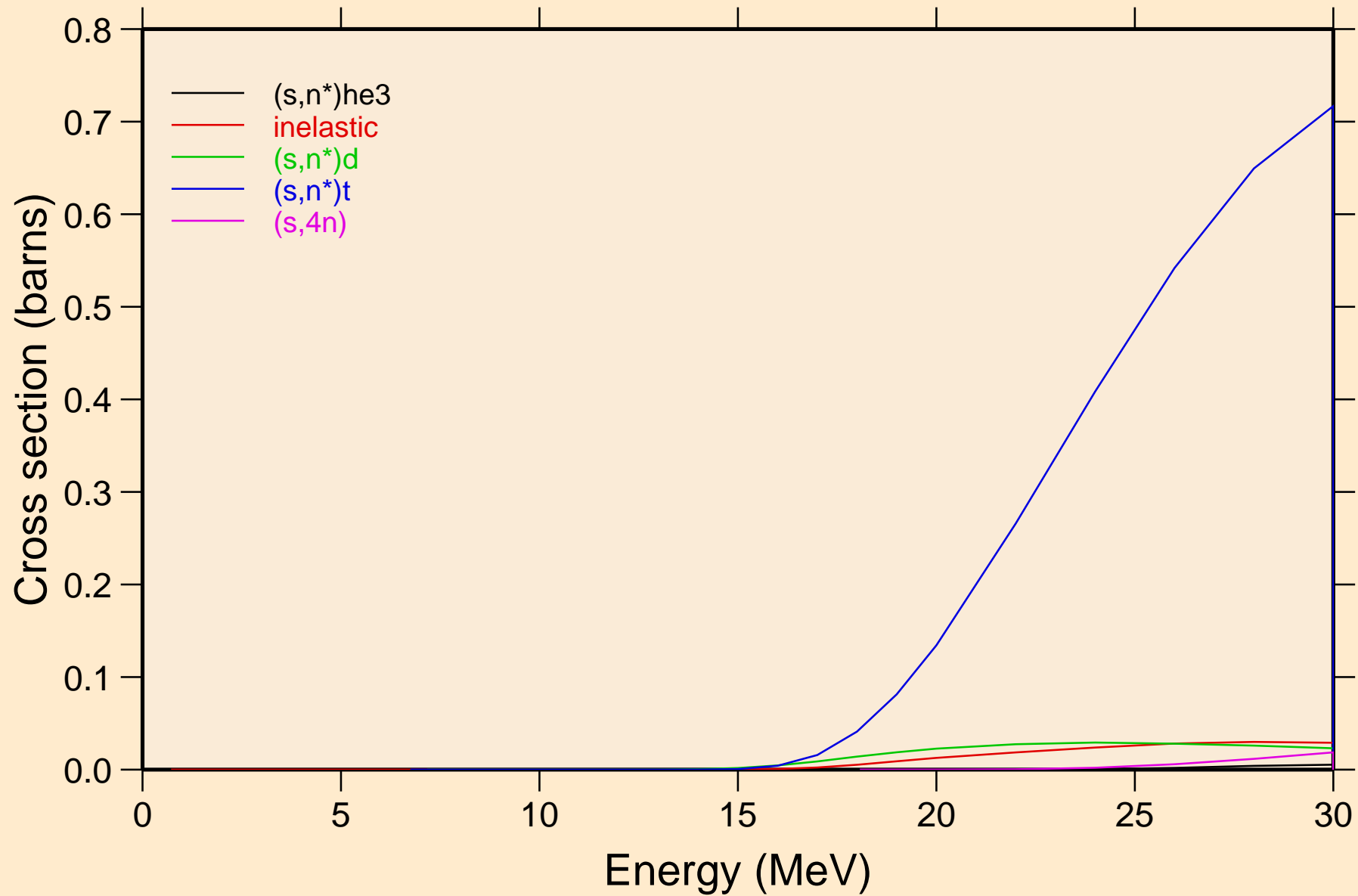
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

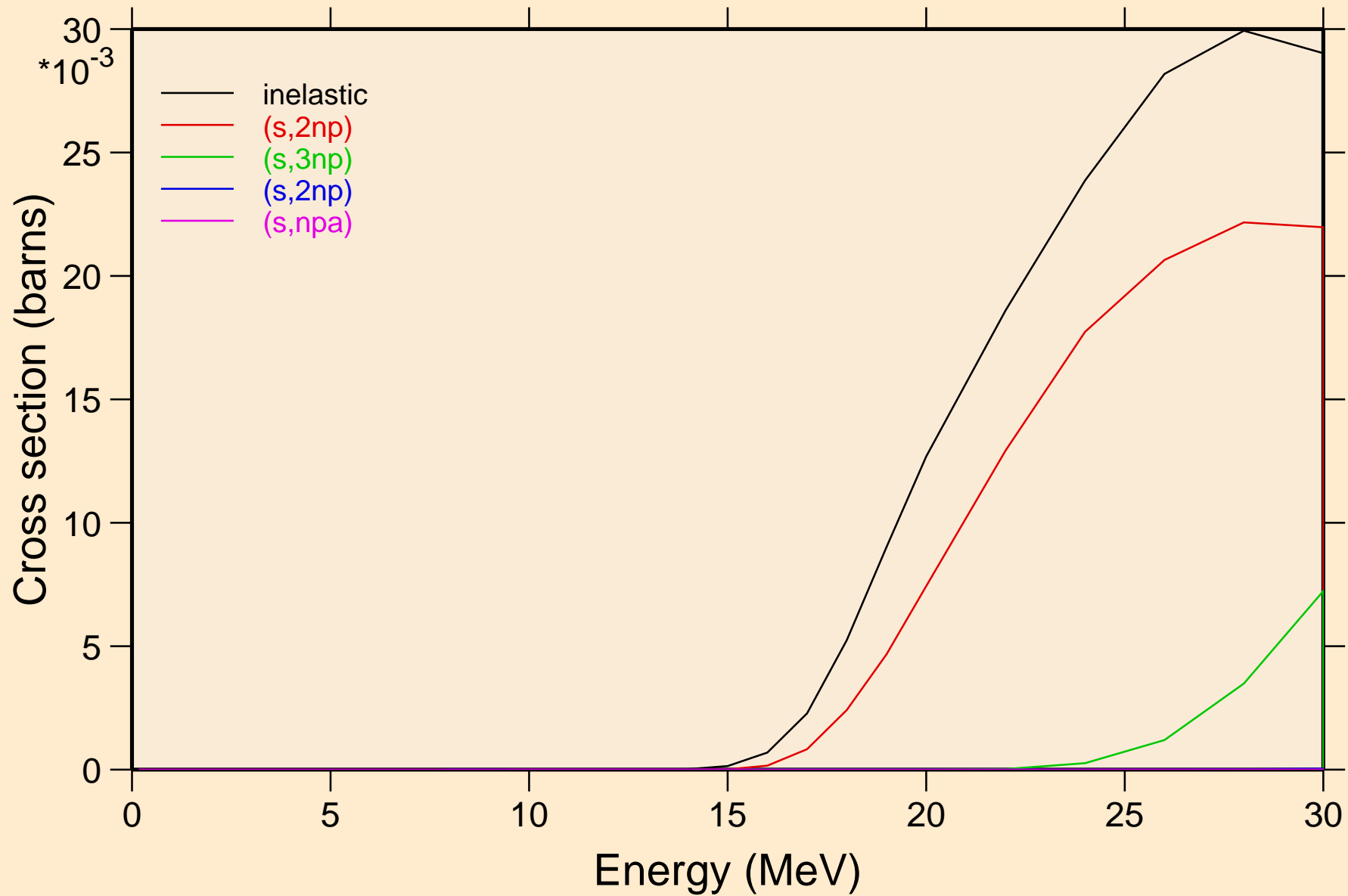


CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



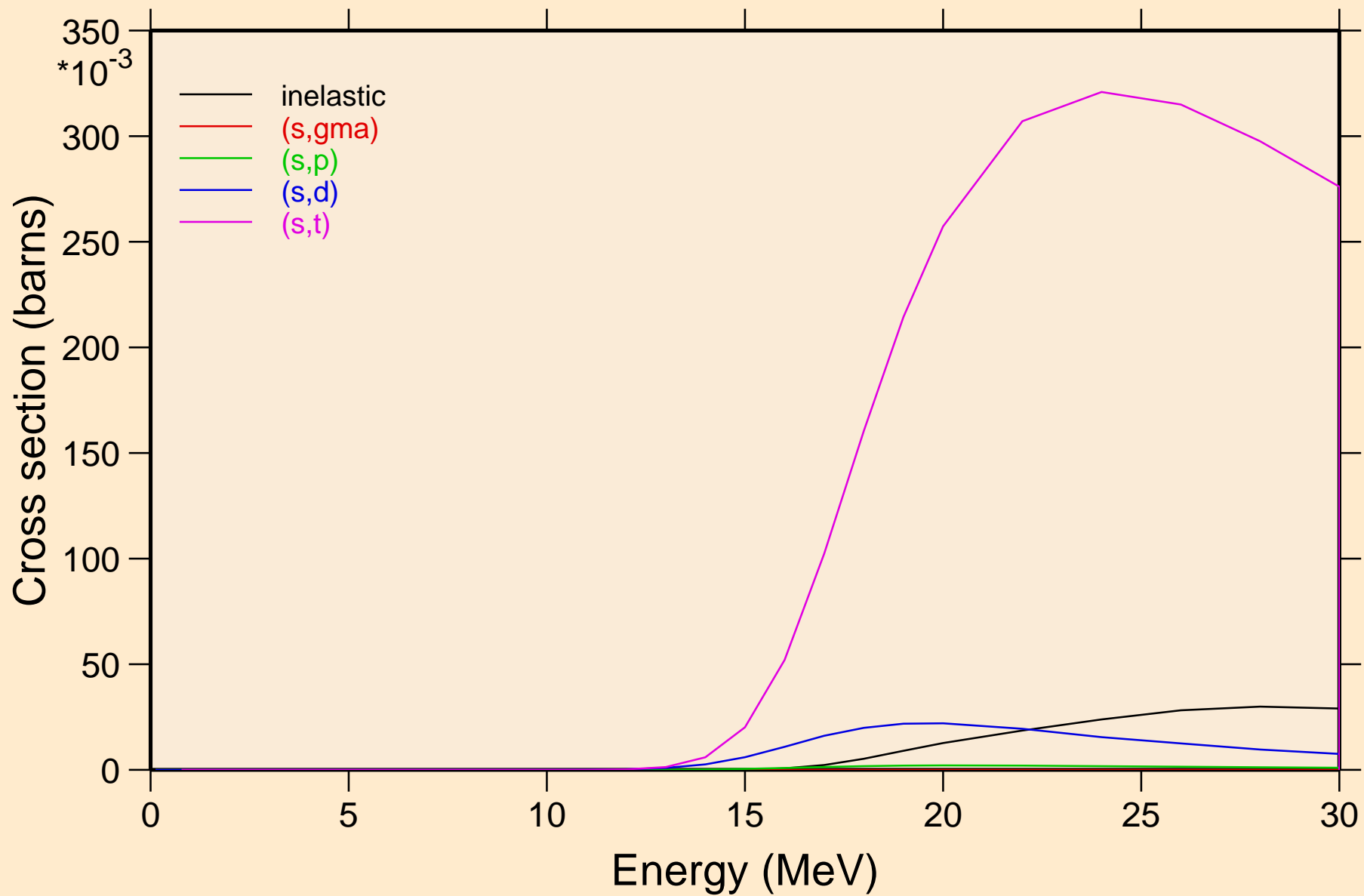


CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

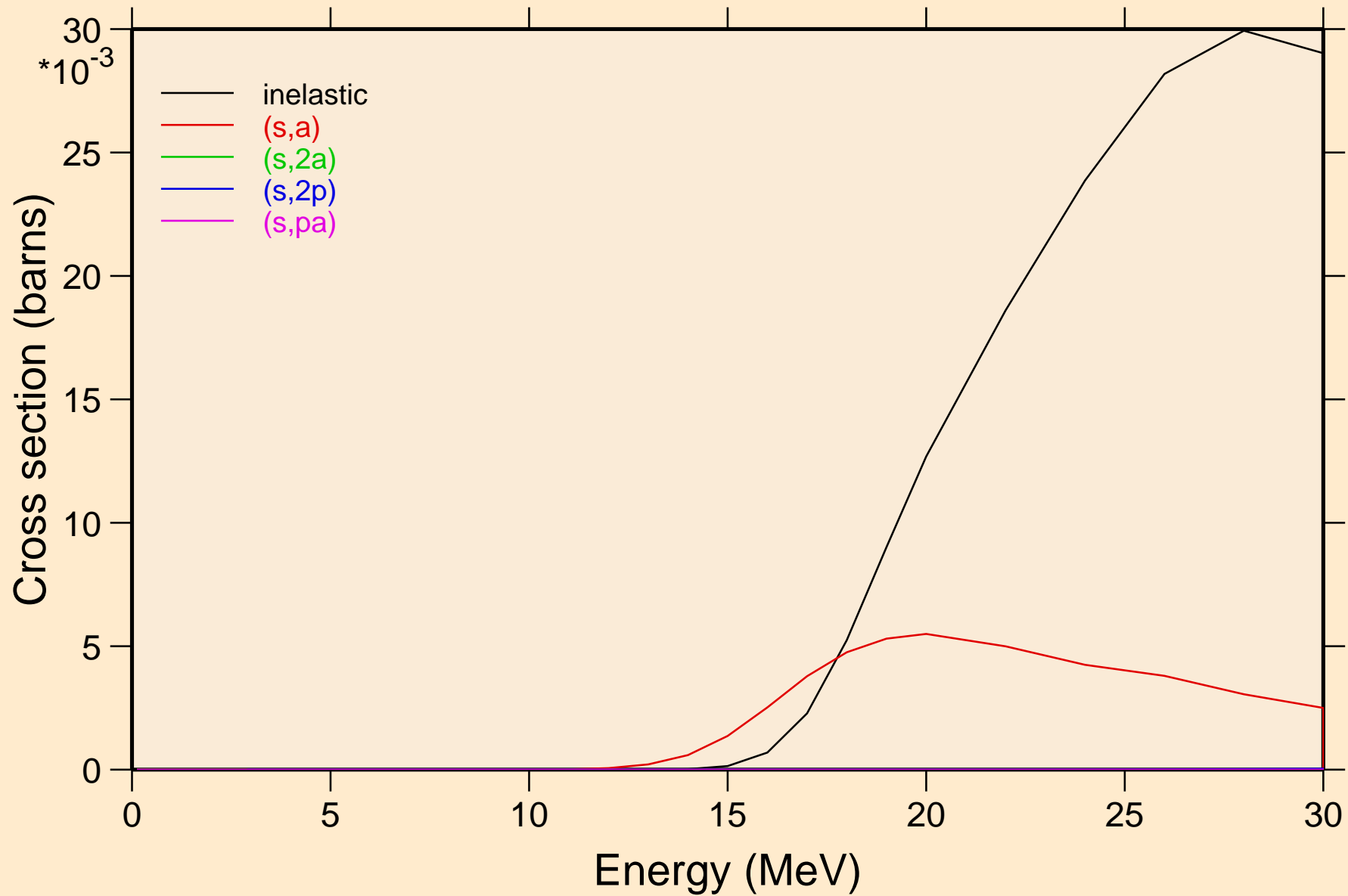


# CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K

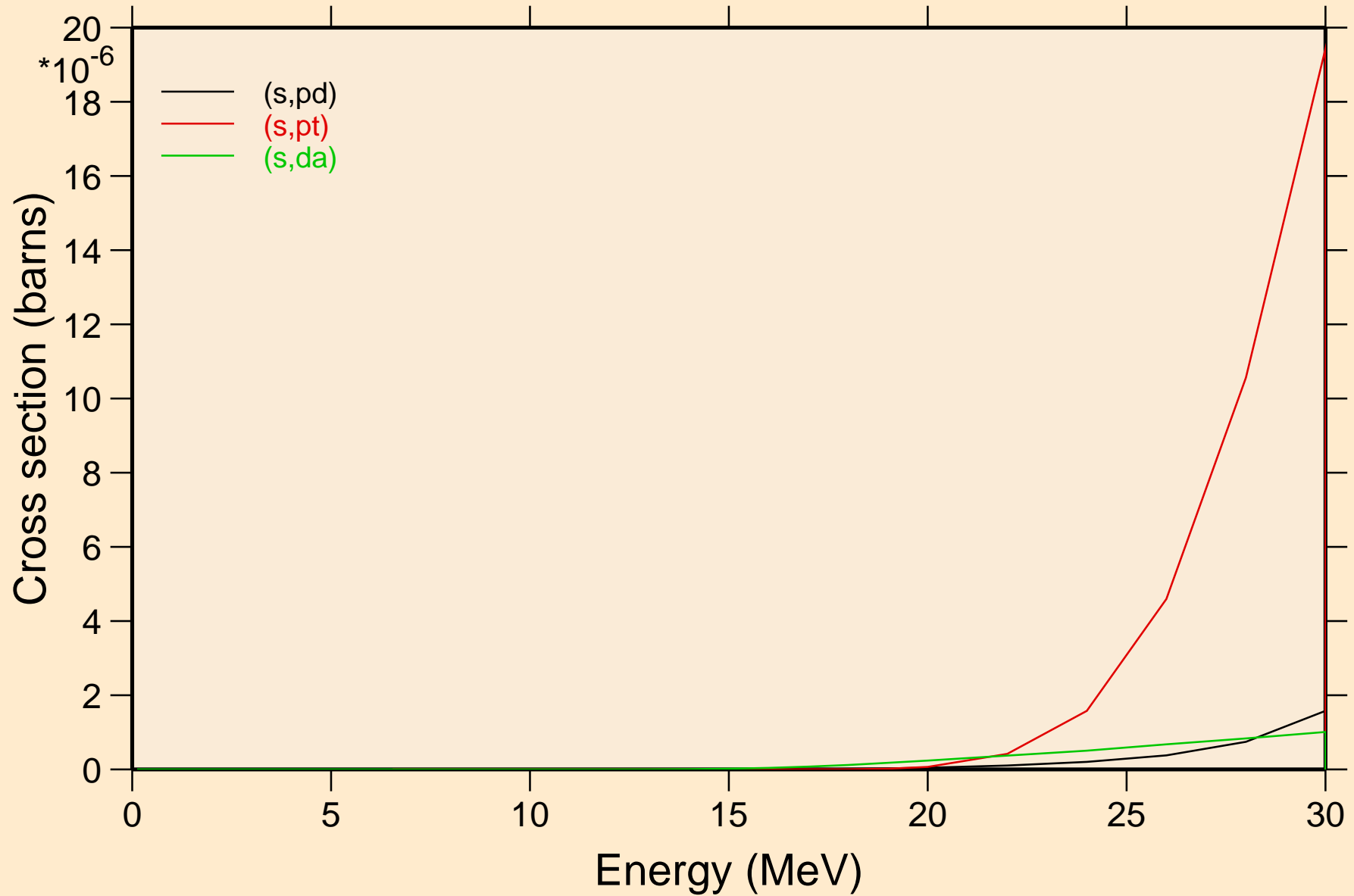
## Threshold reactions



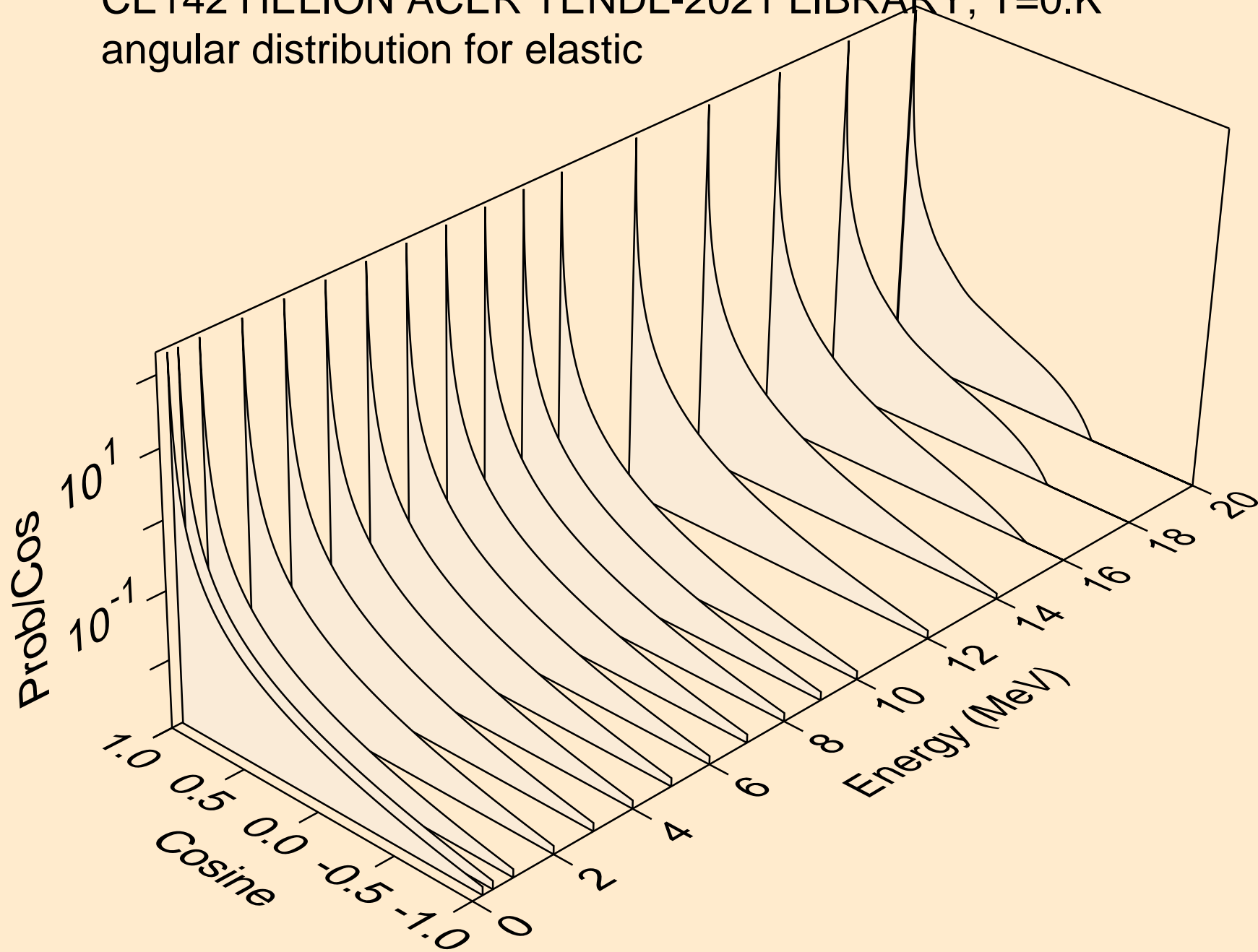
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



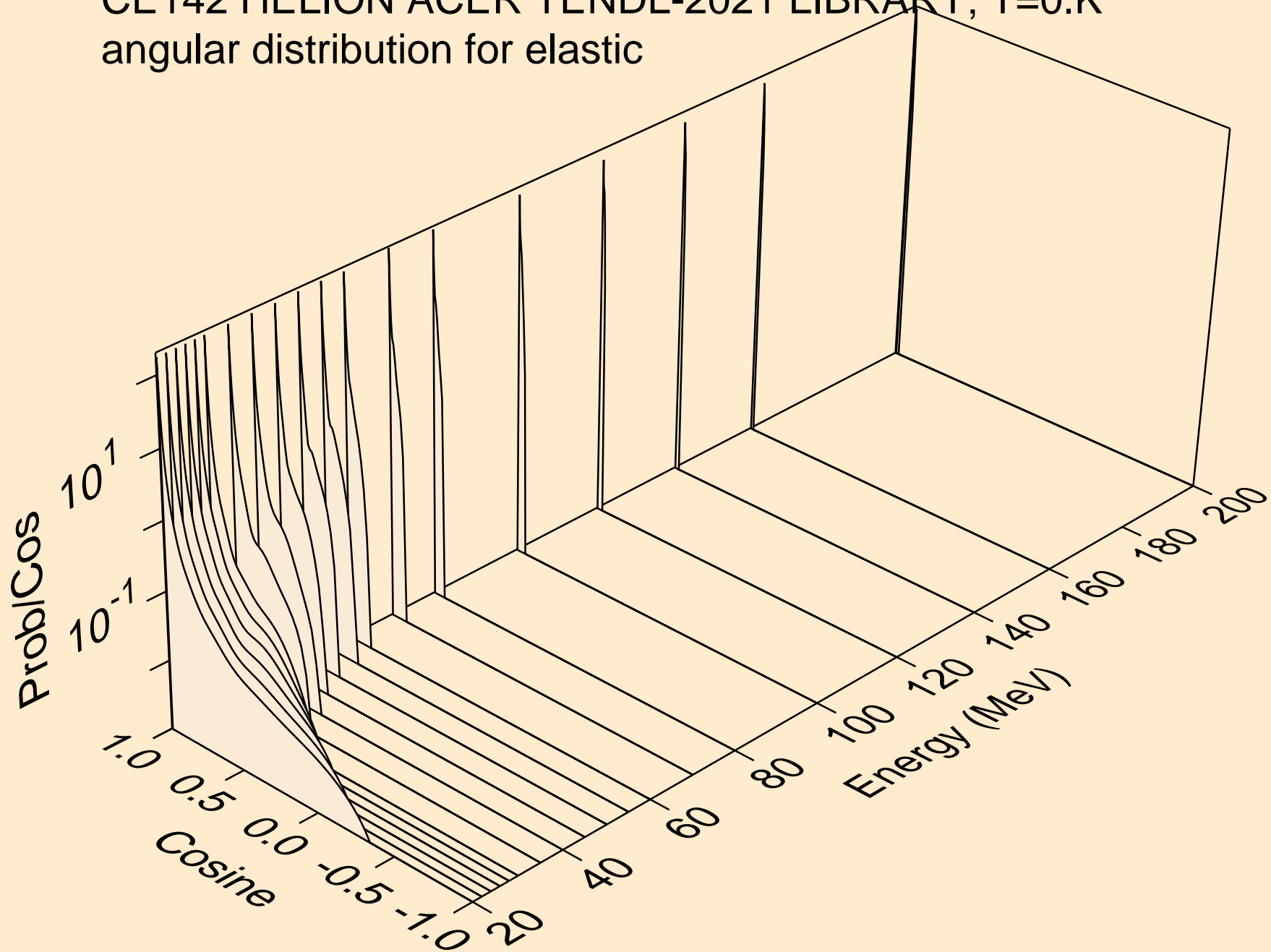
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



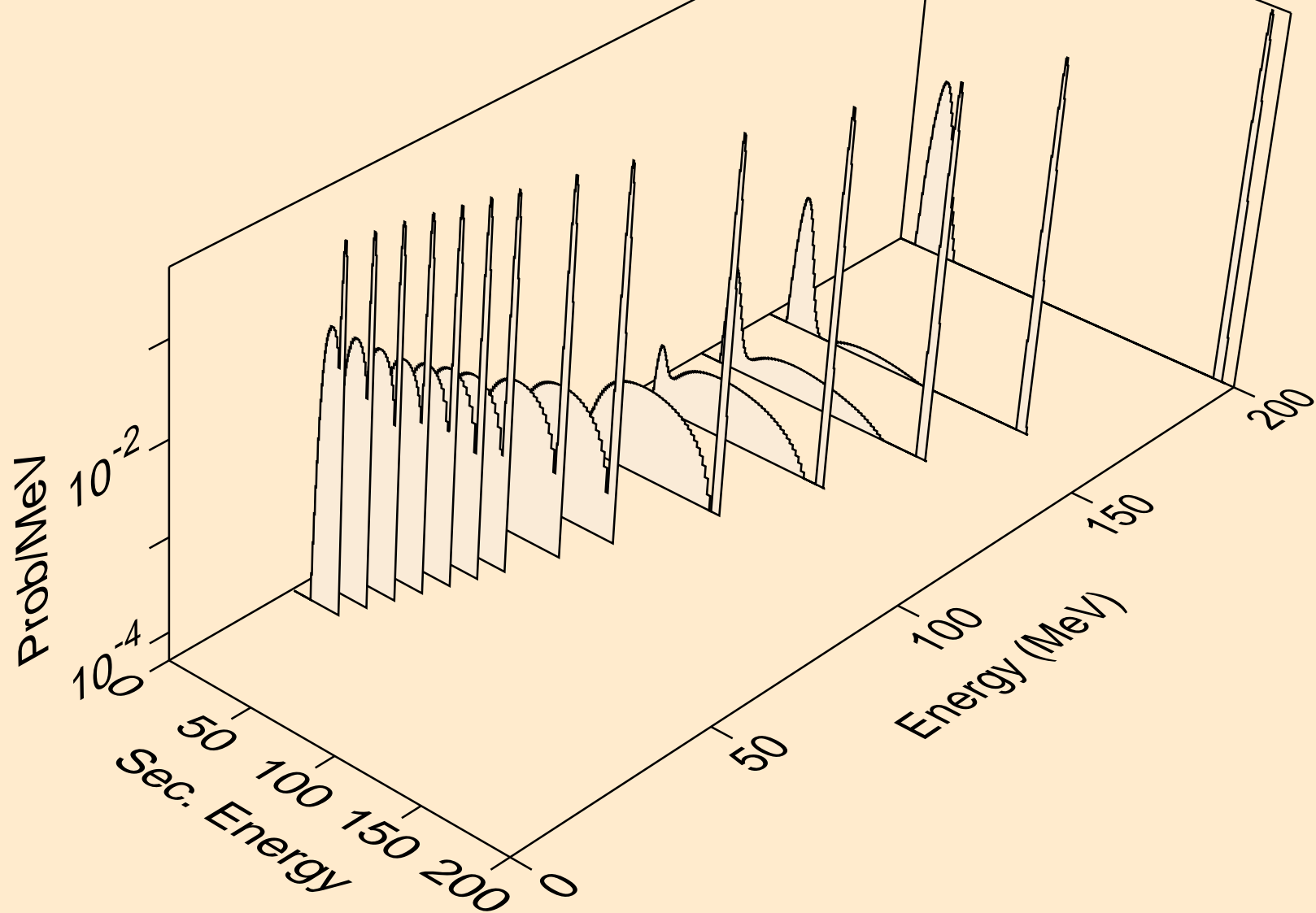
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



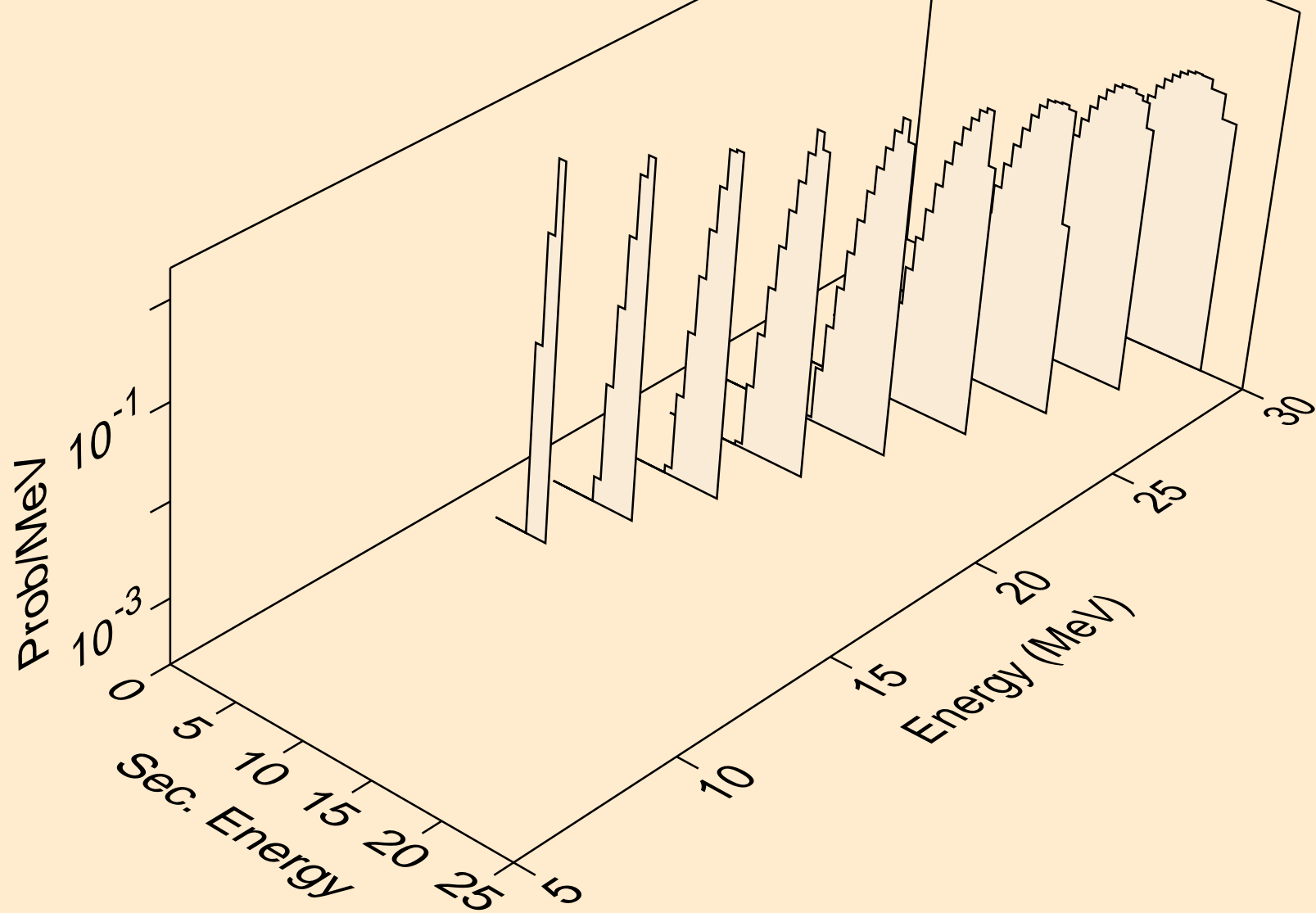
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

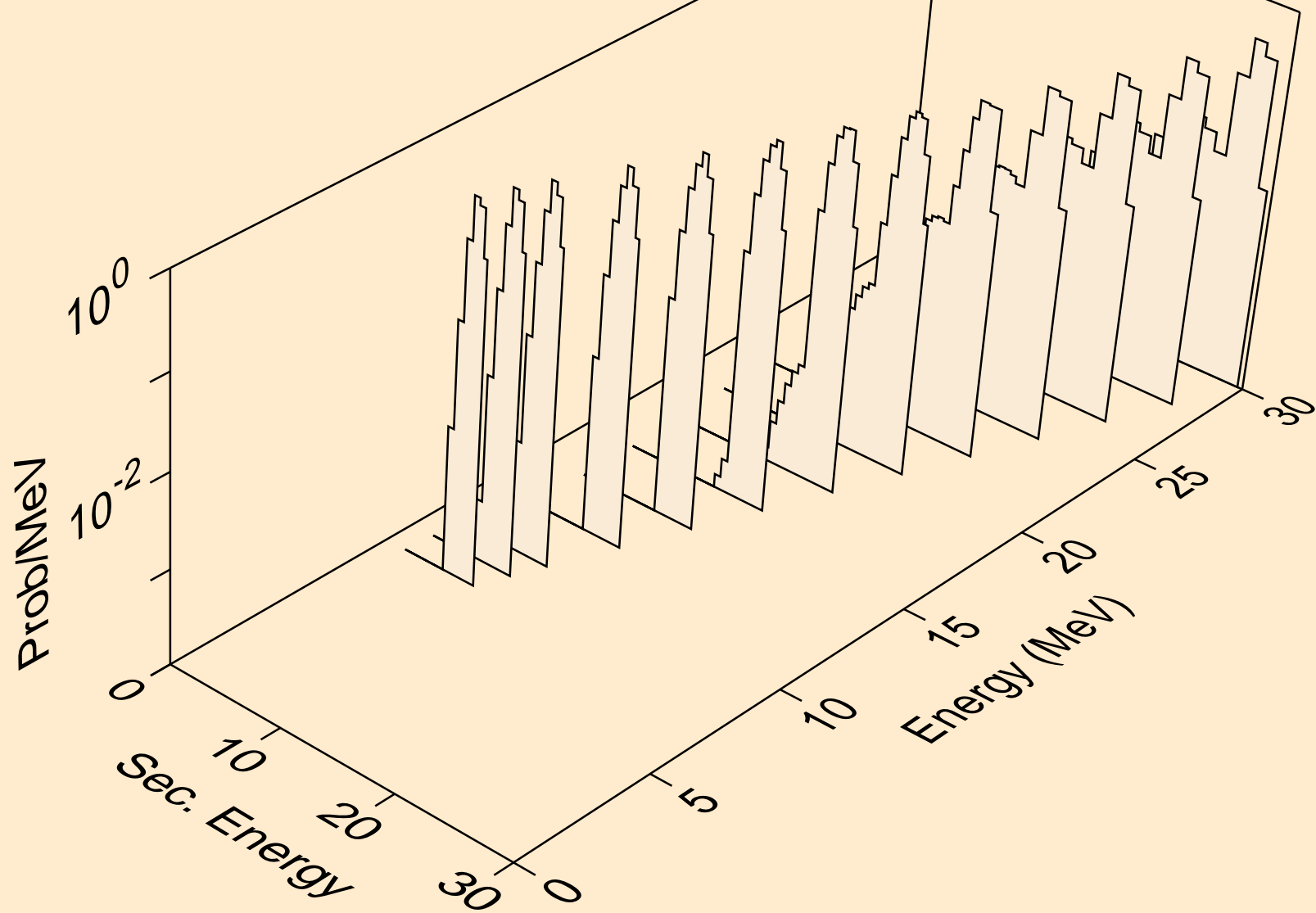


CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

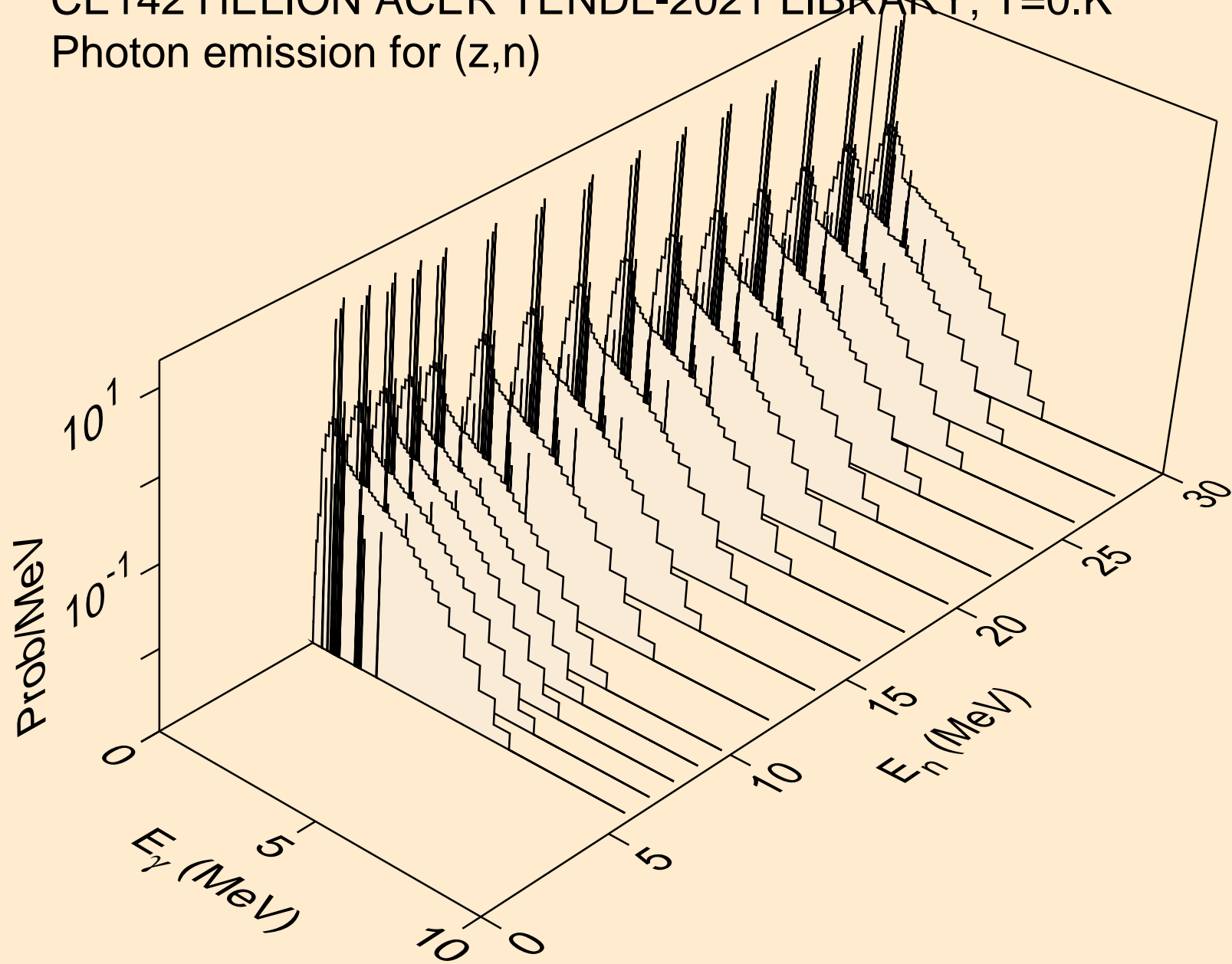




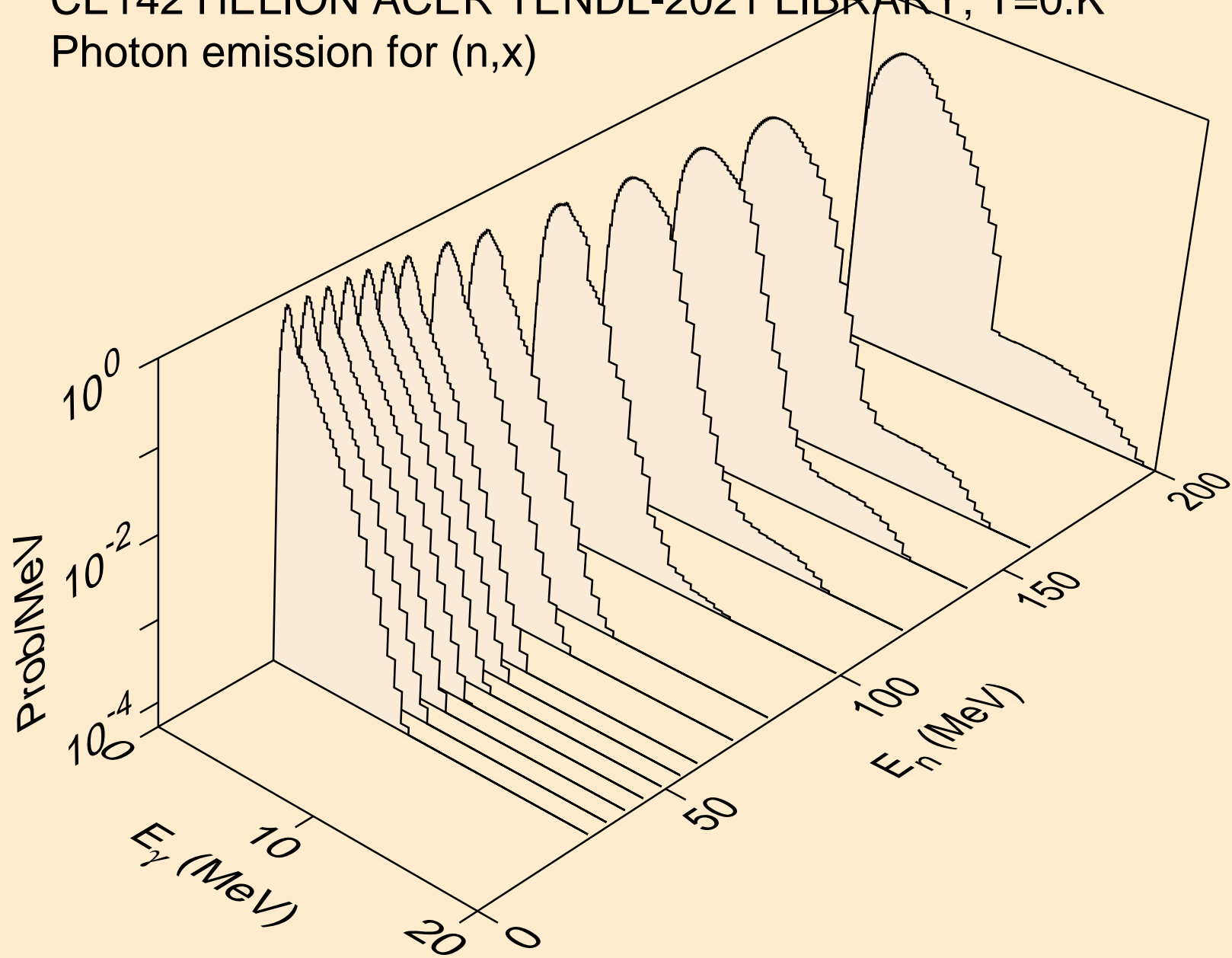
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



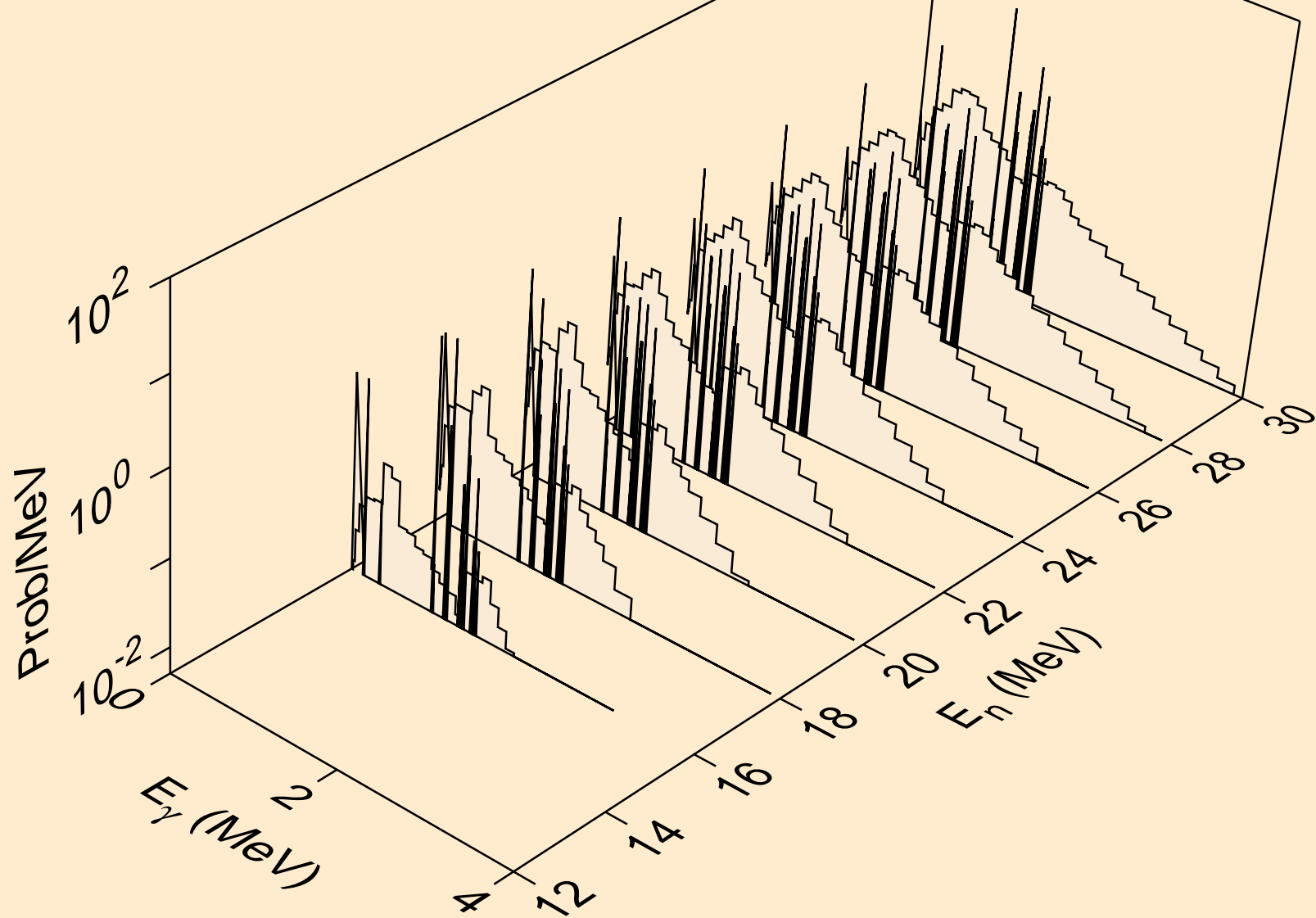
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



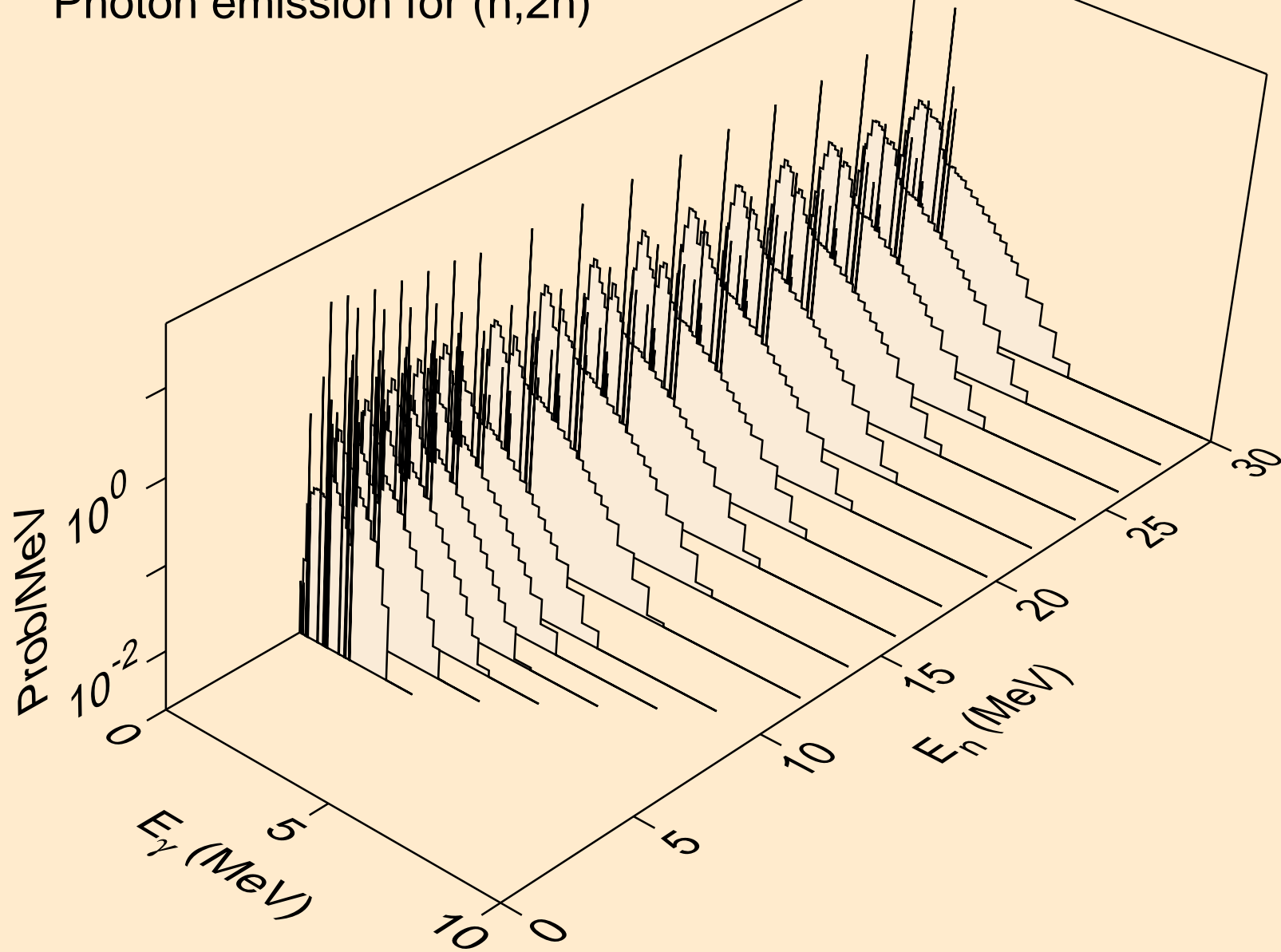
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



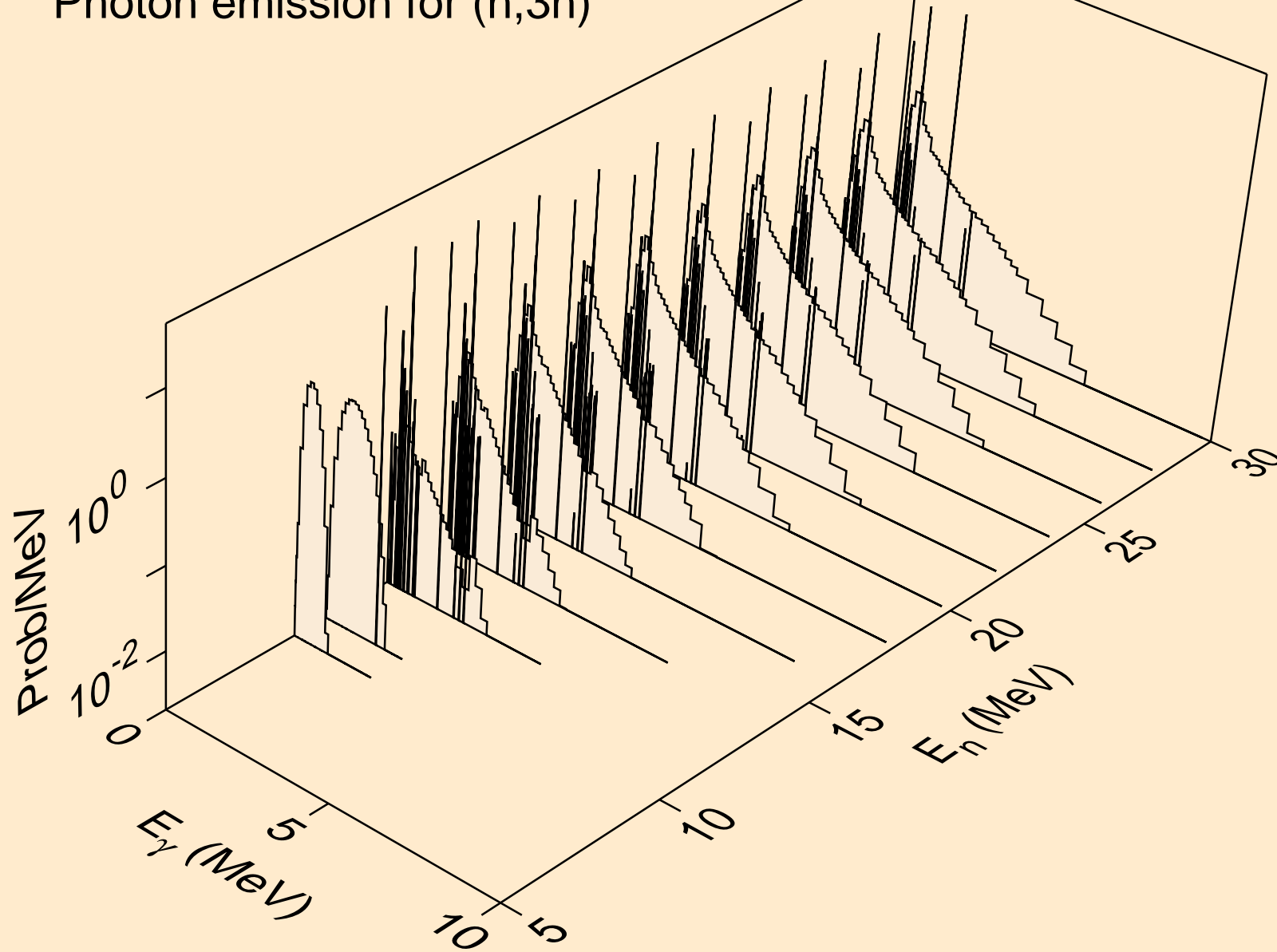
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



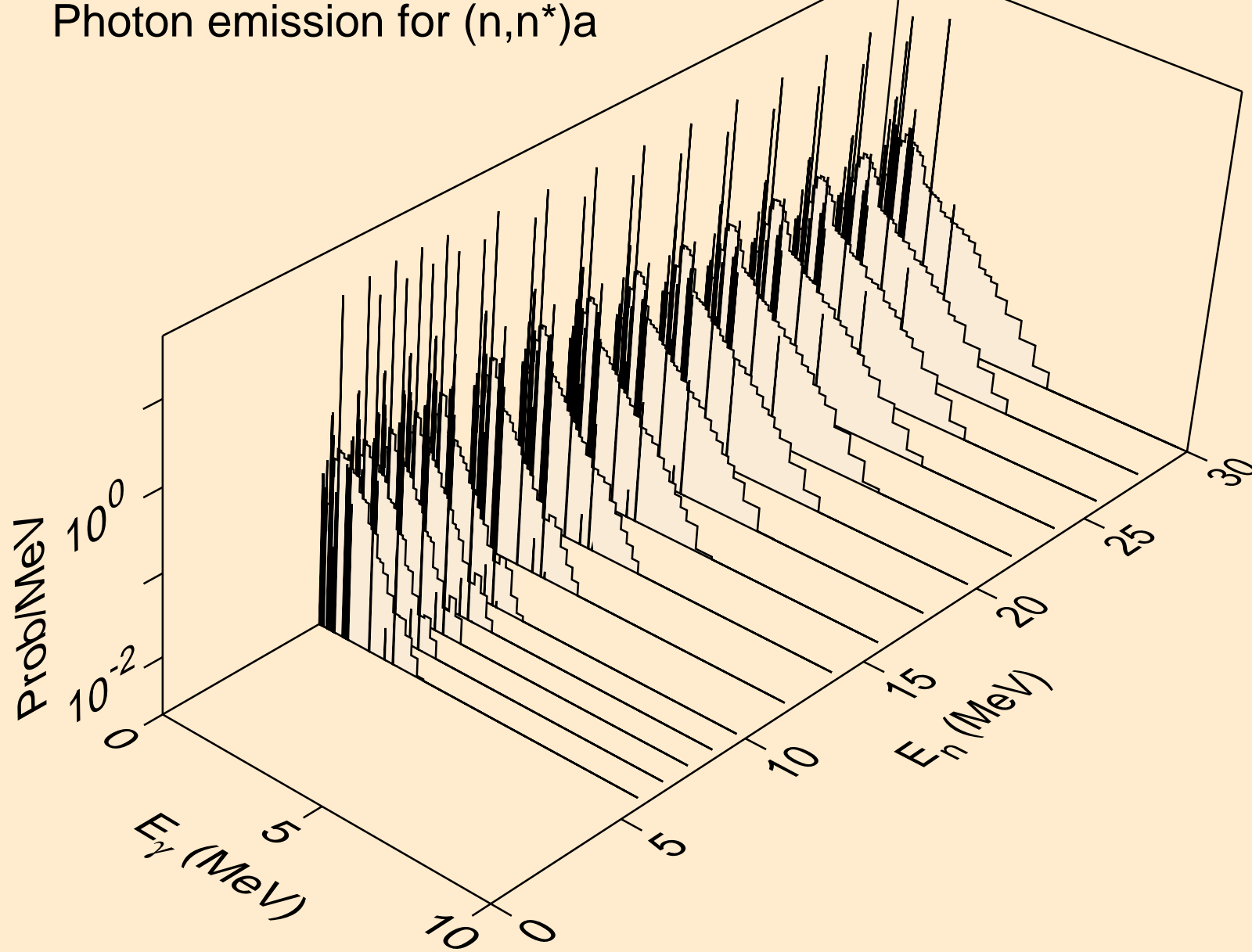
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



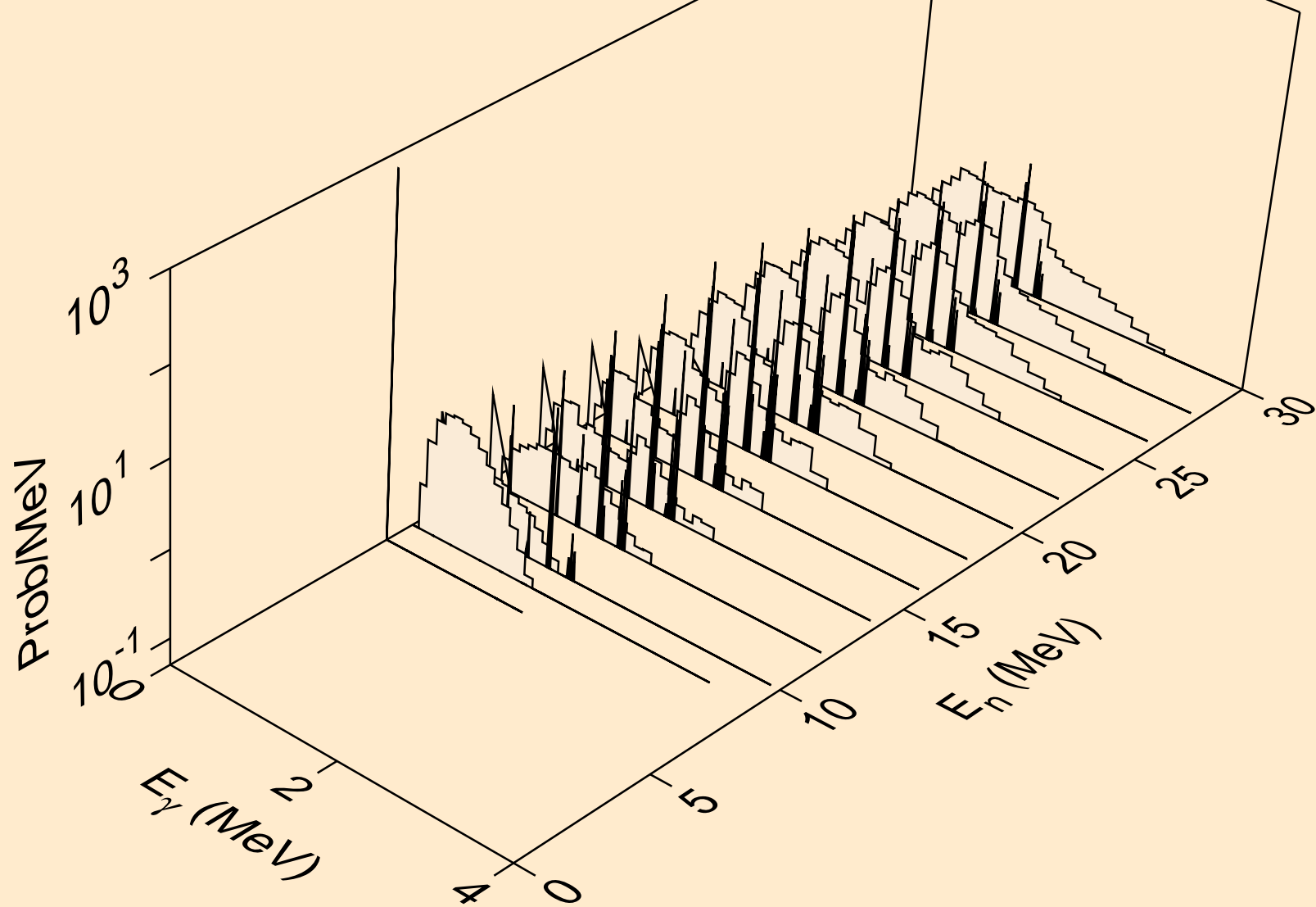
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

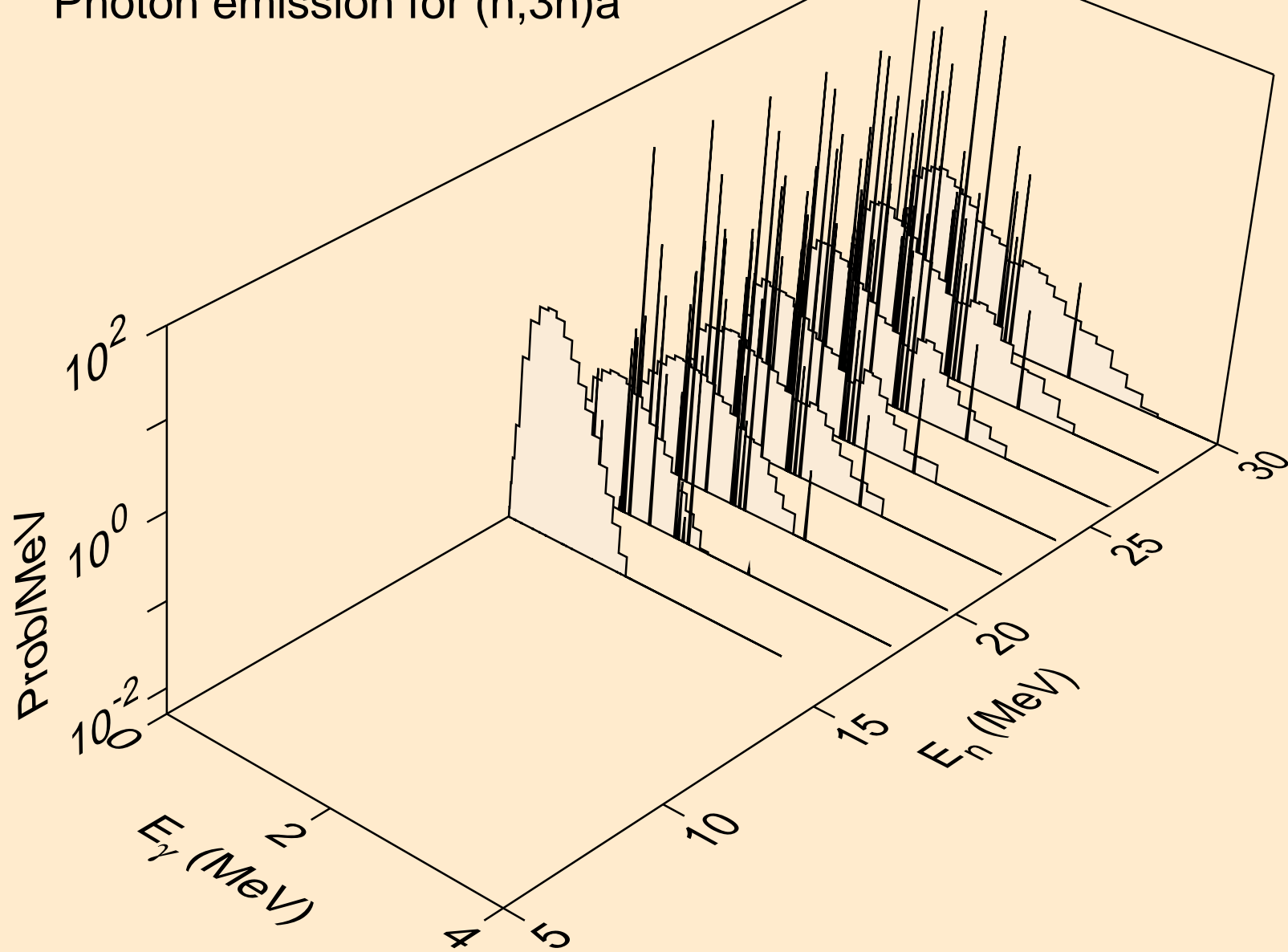


CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

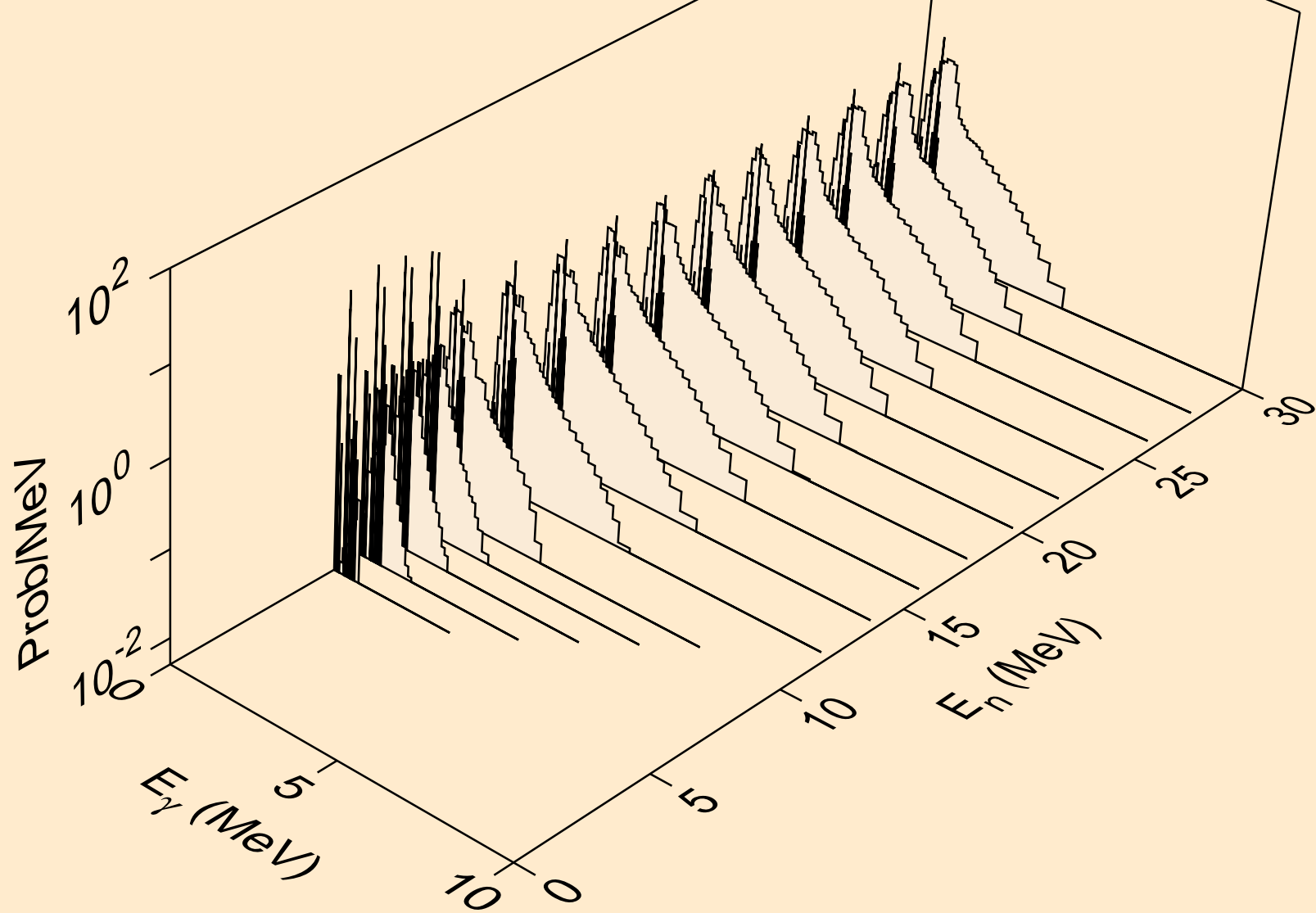




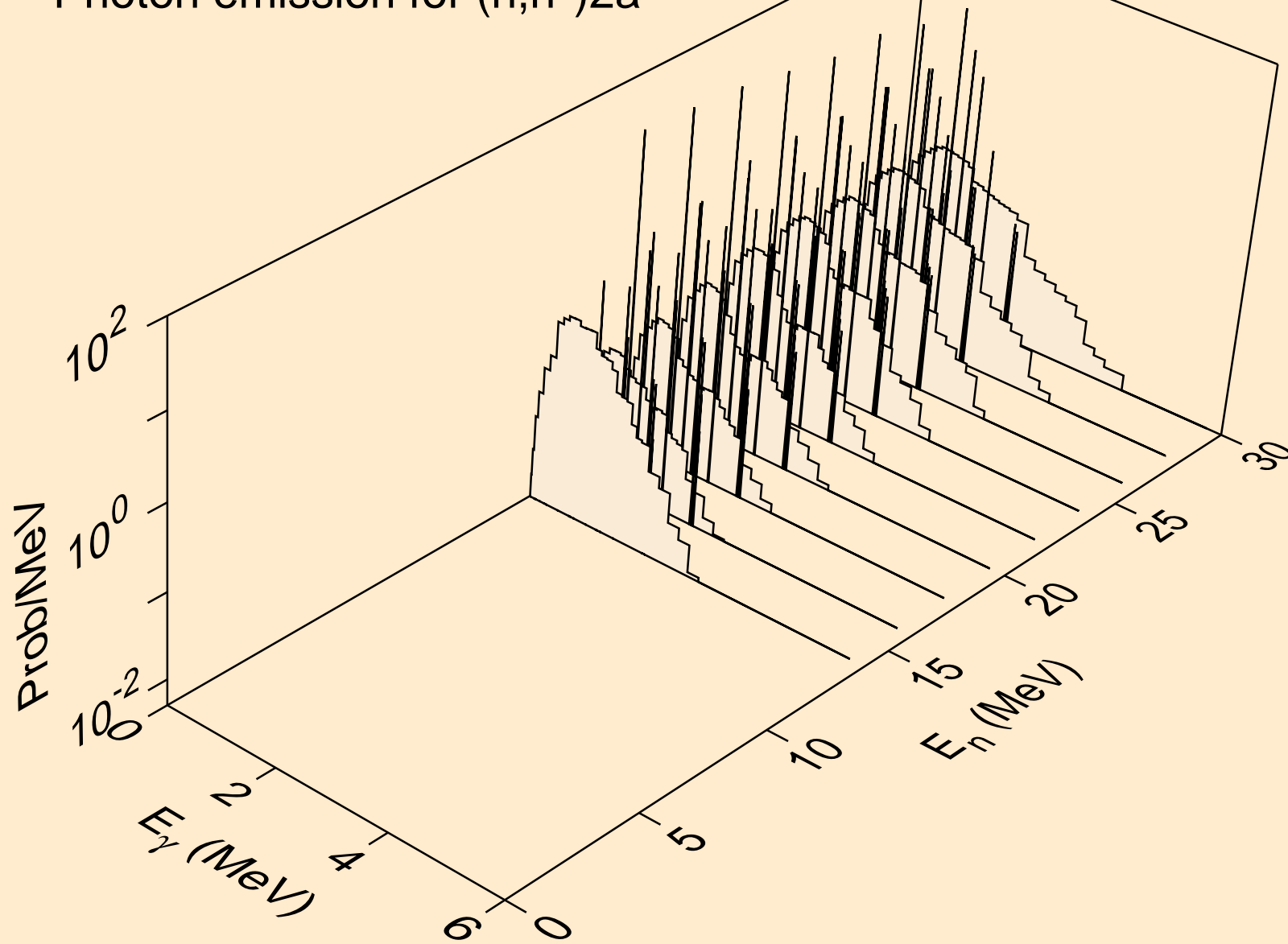
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



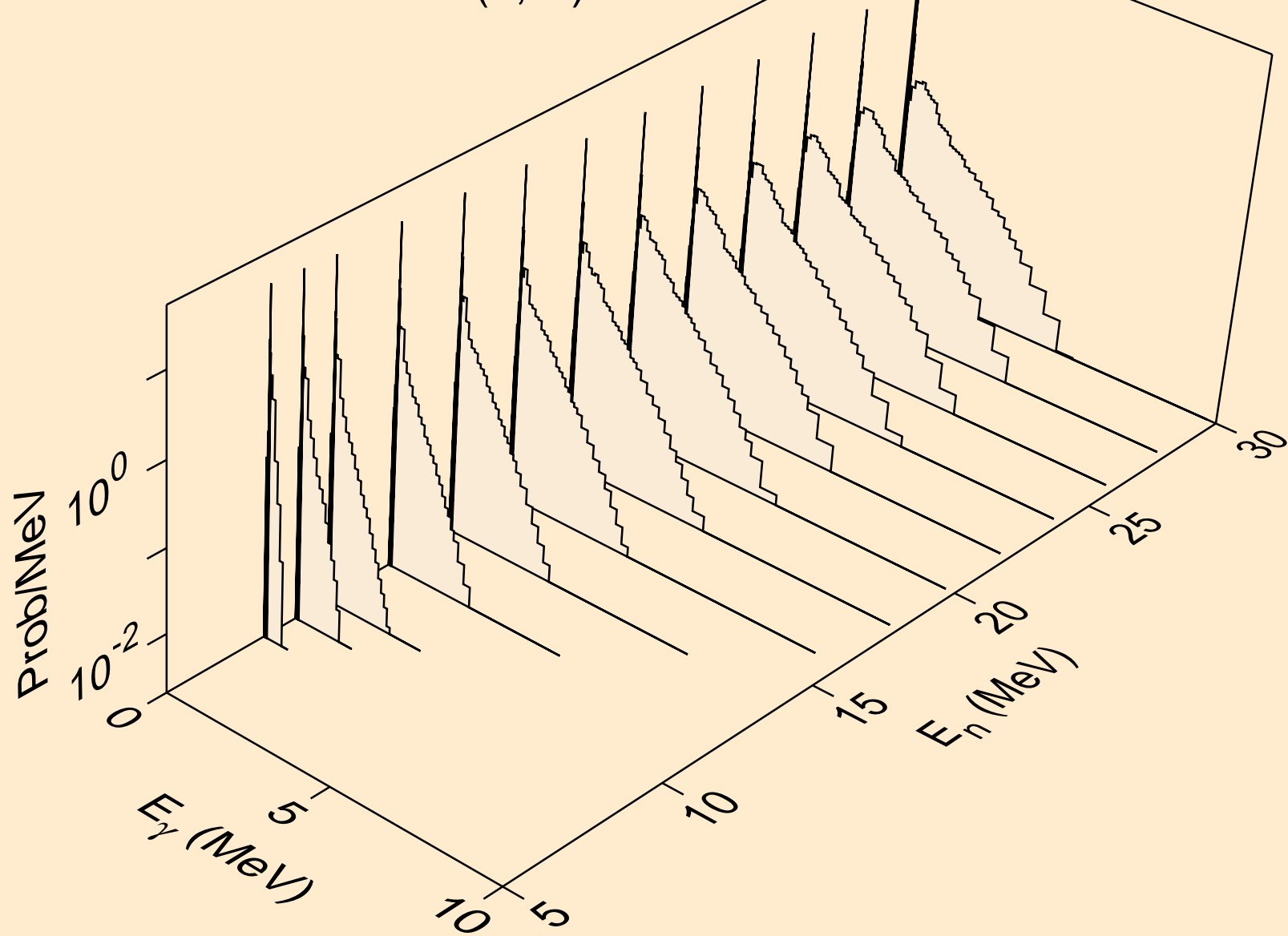
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



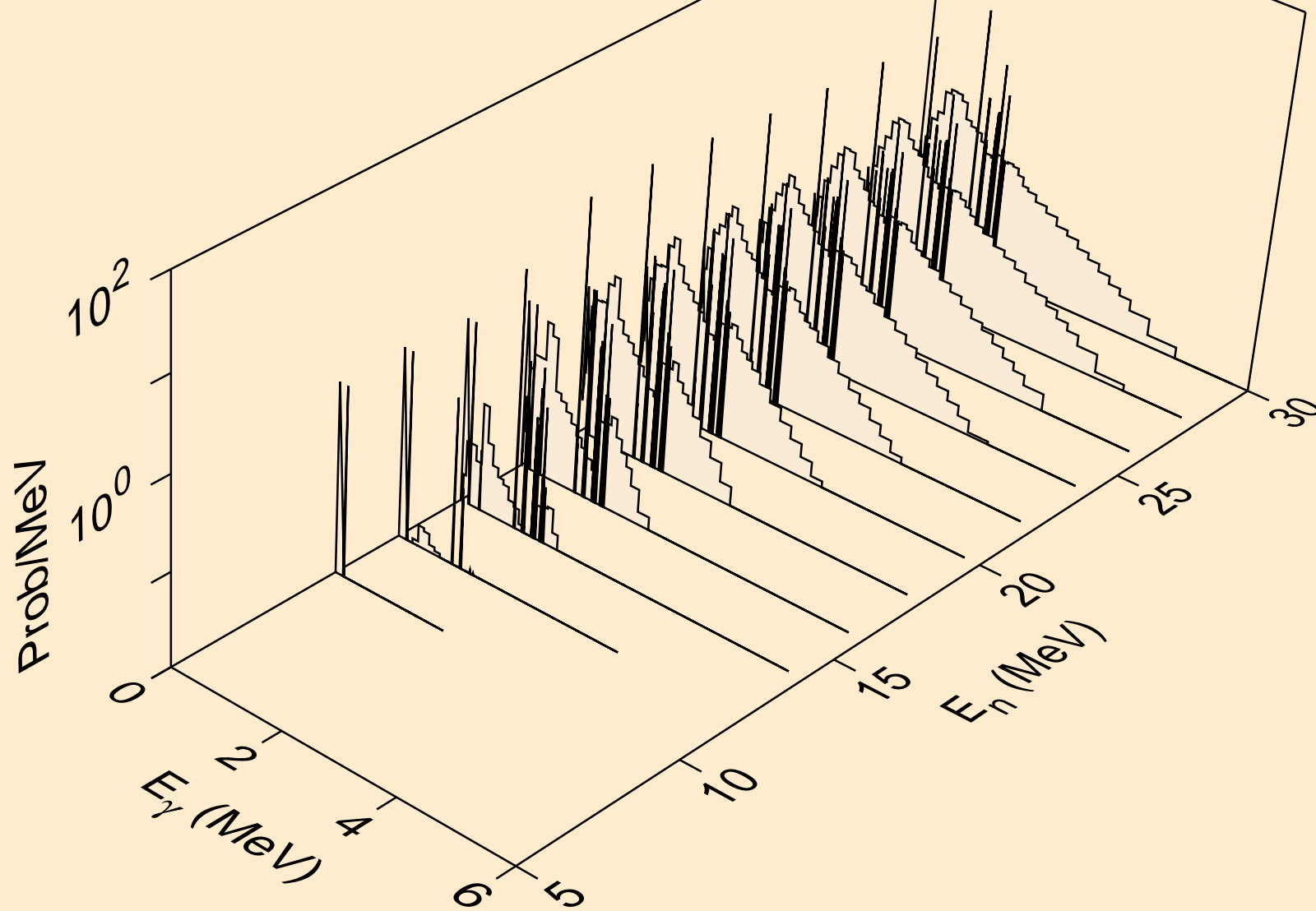
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Photon emission for (n,n\*)2a



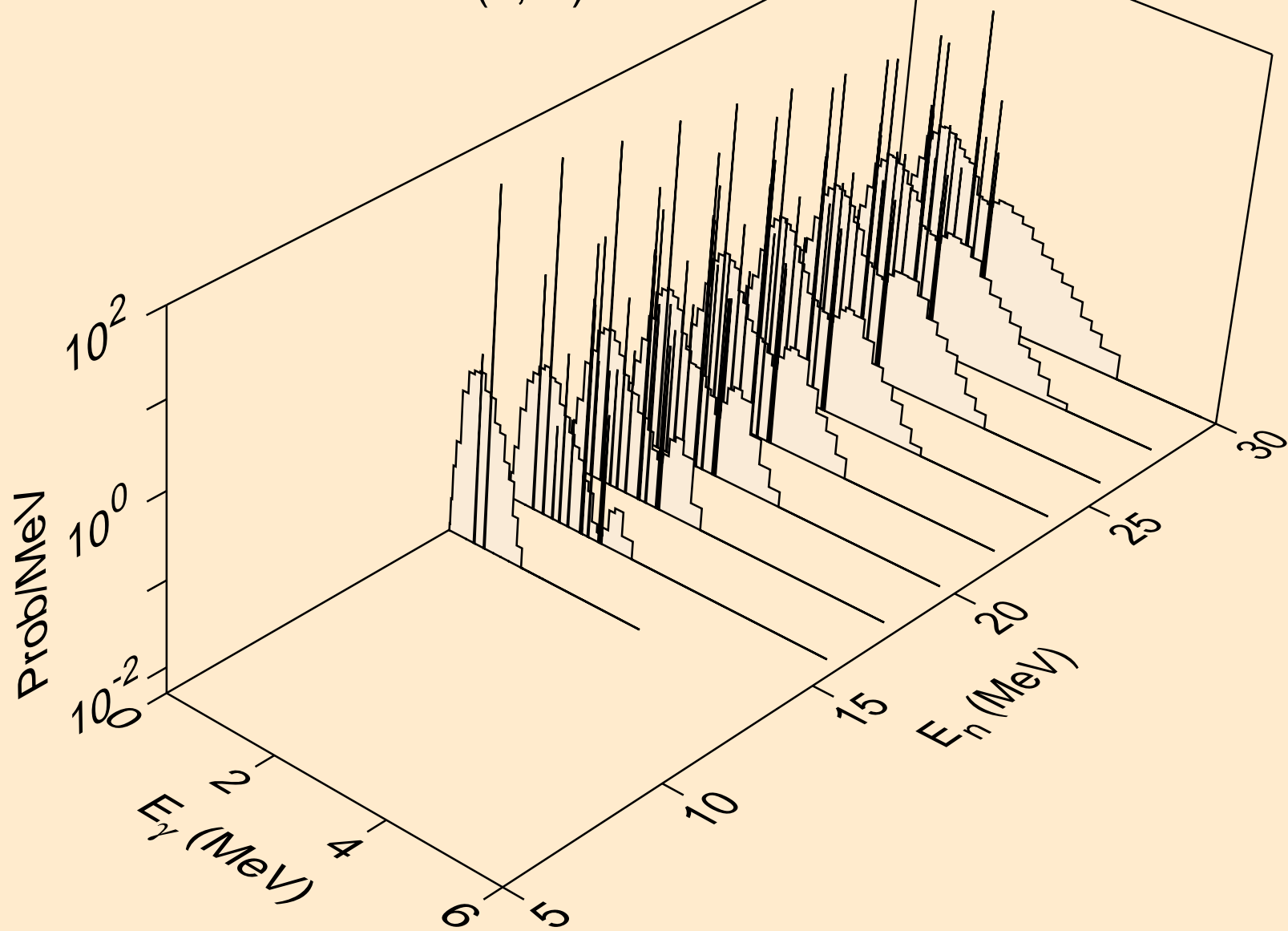
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



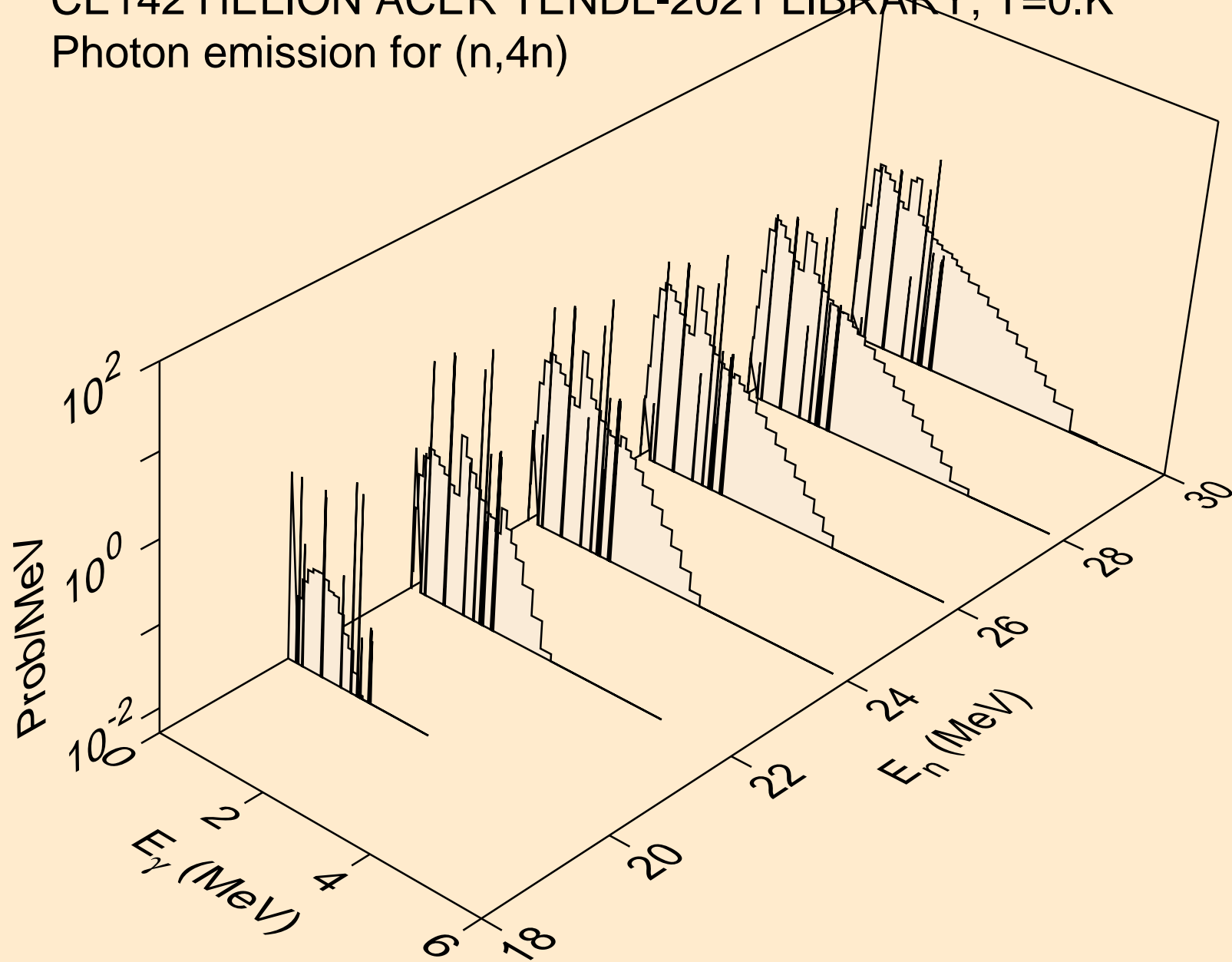
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



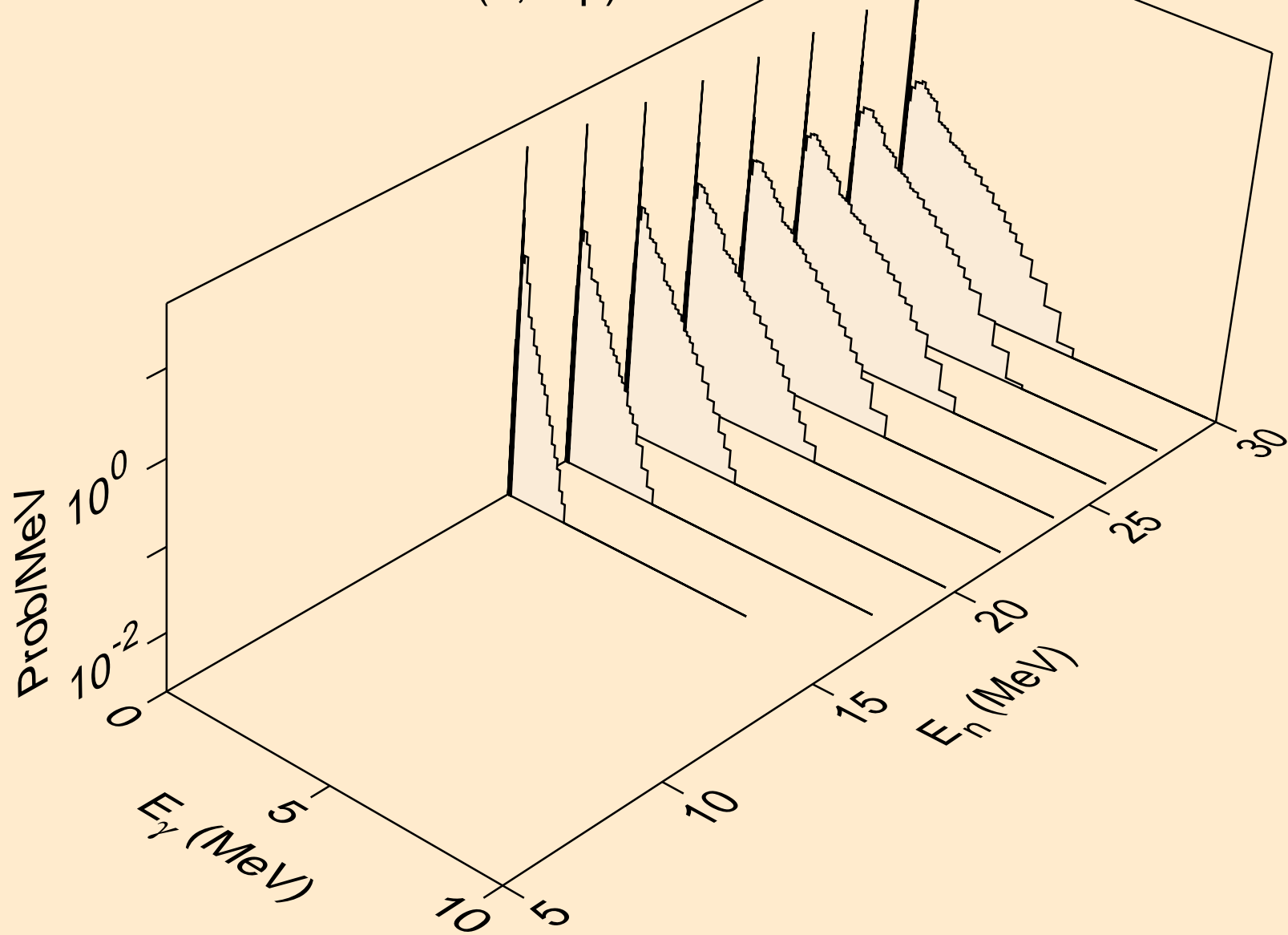
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

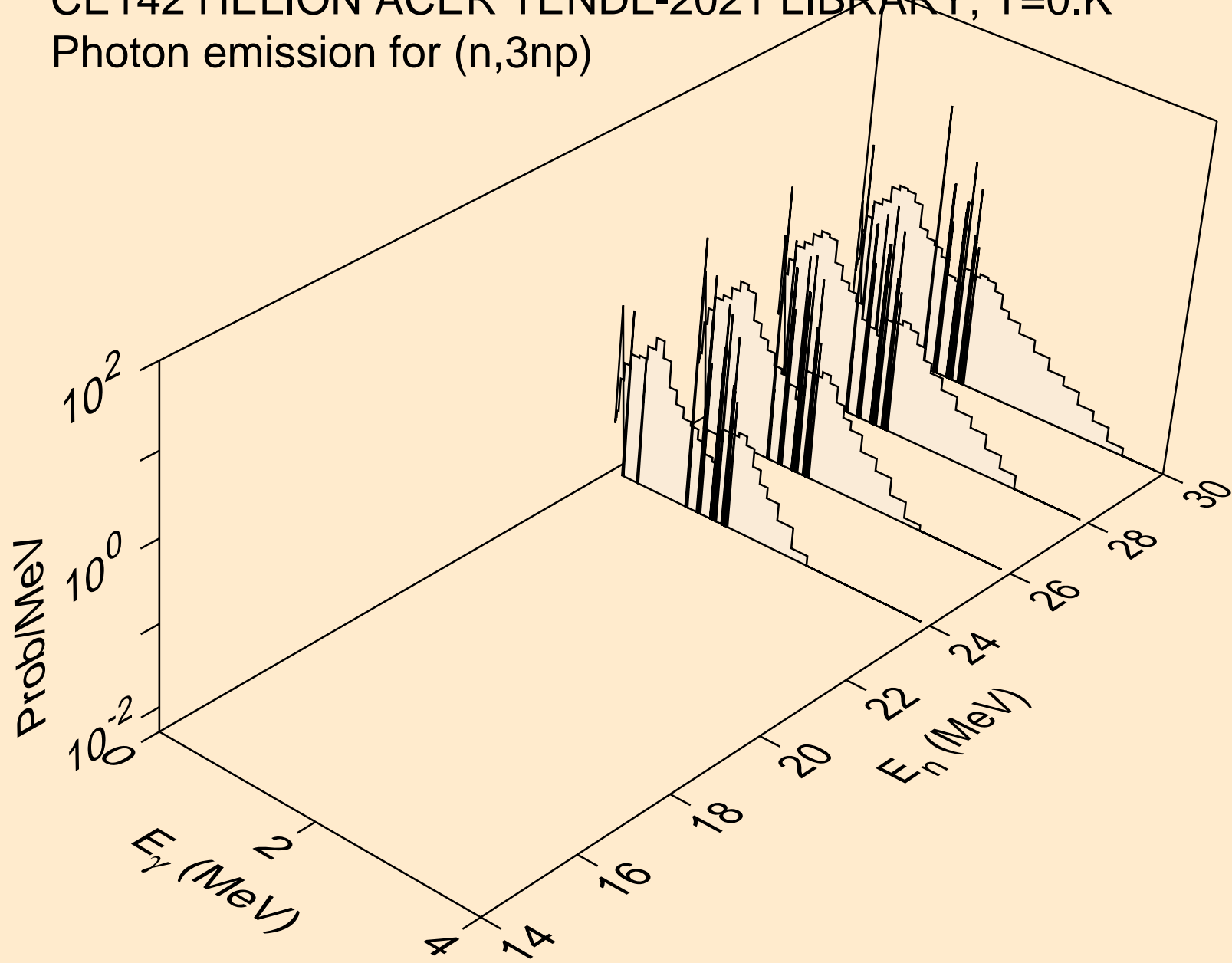


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Photon emission for (n,2np)

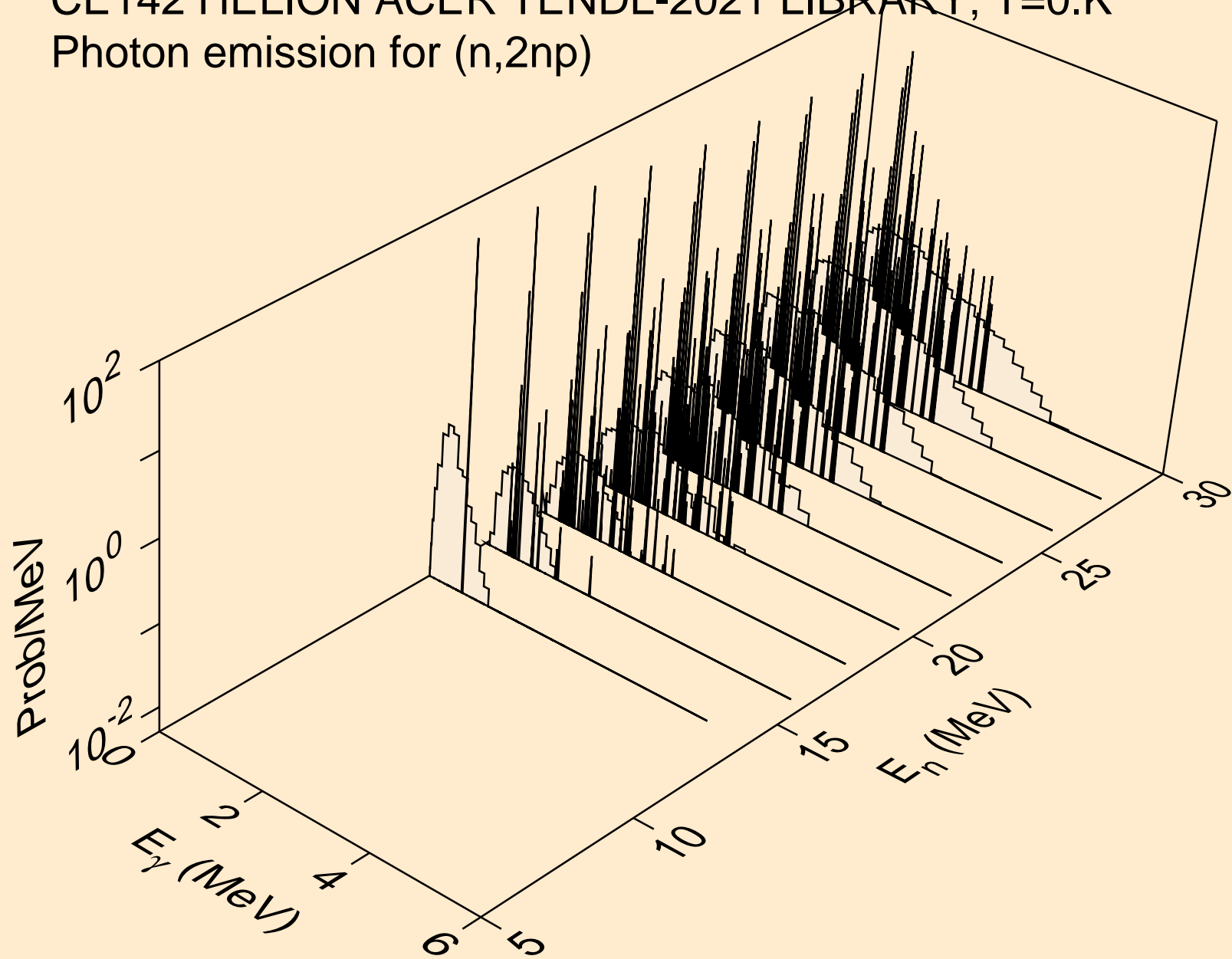




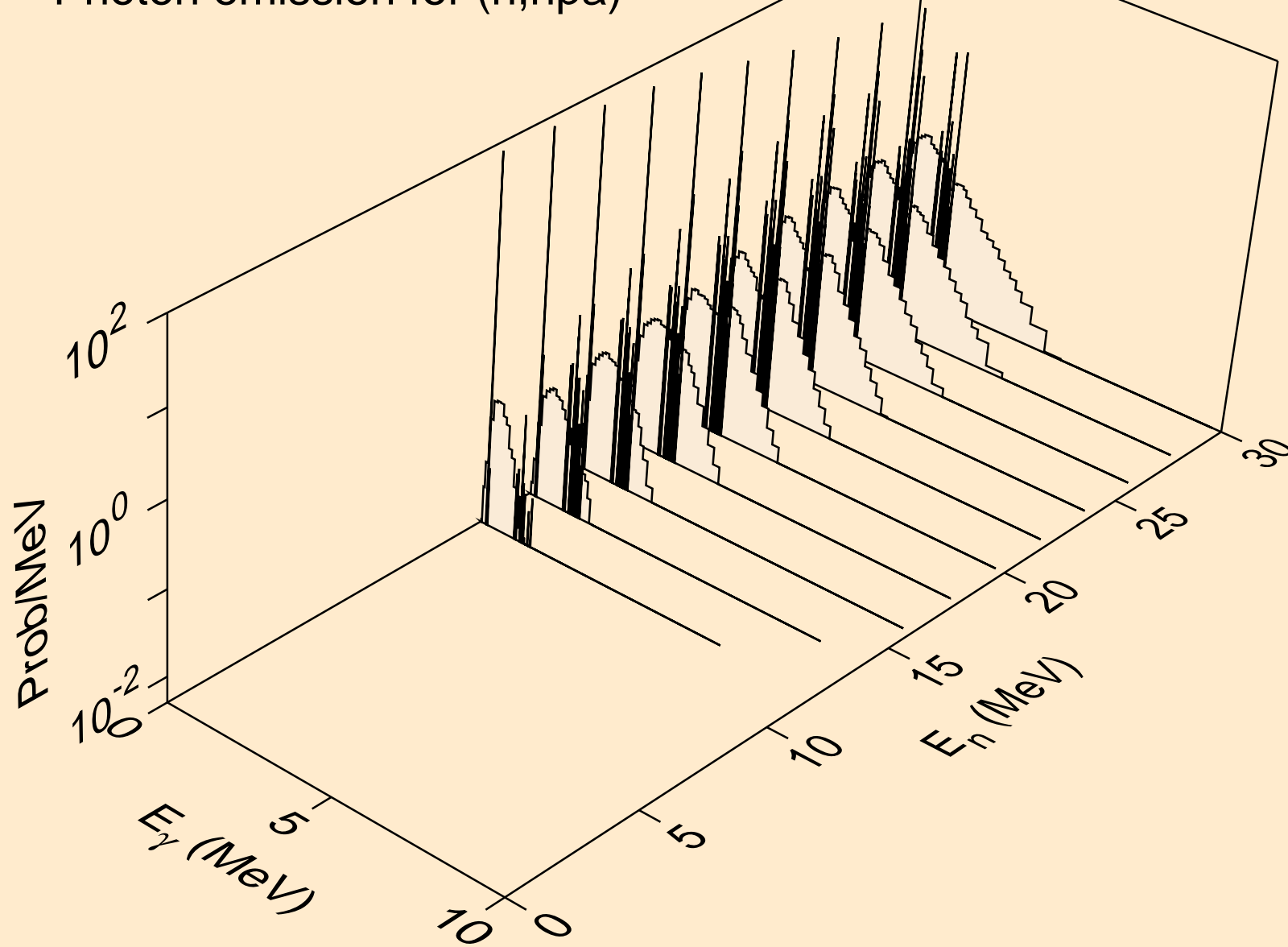
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Photon emission for (n,3np)



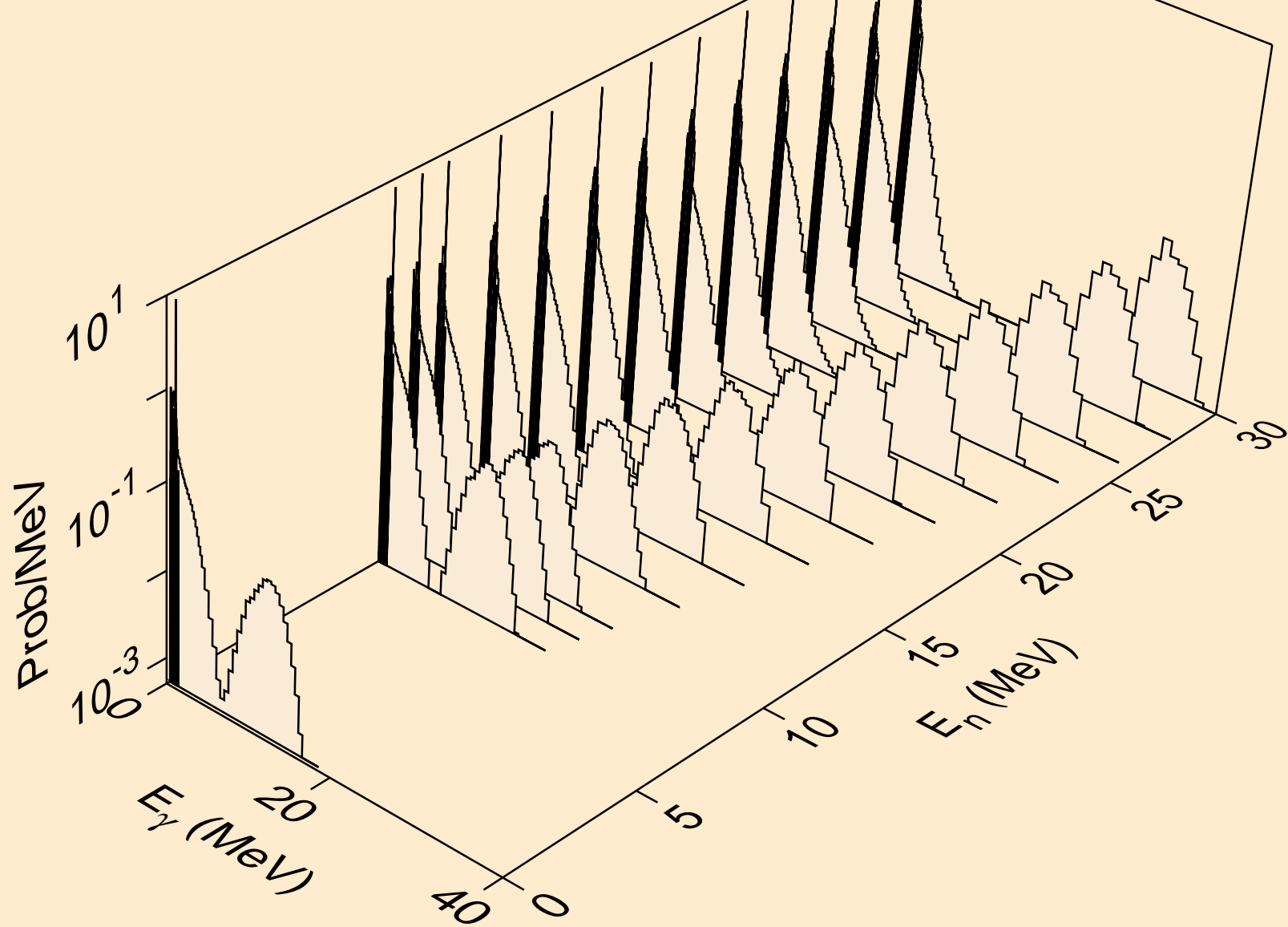
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Photon emission for (n,2np)



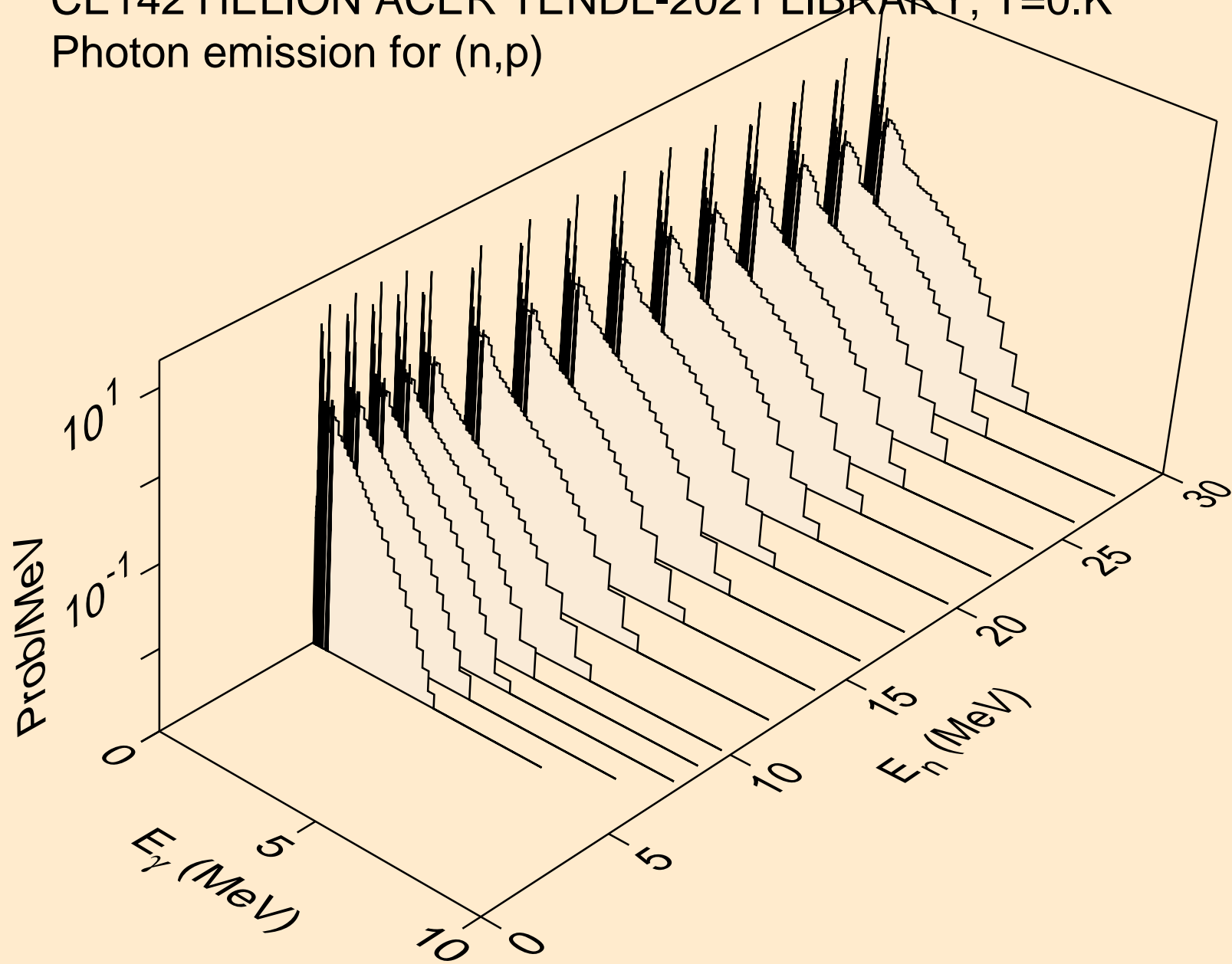
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



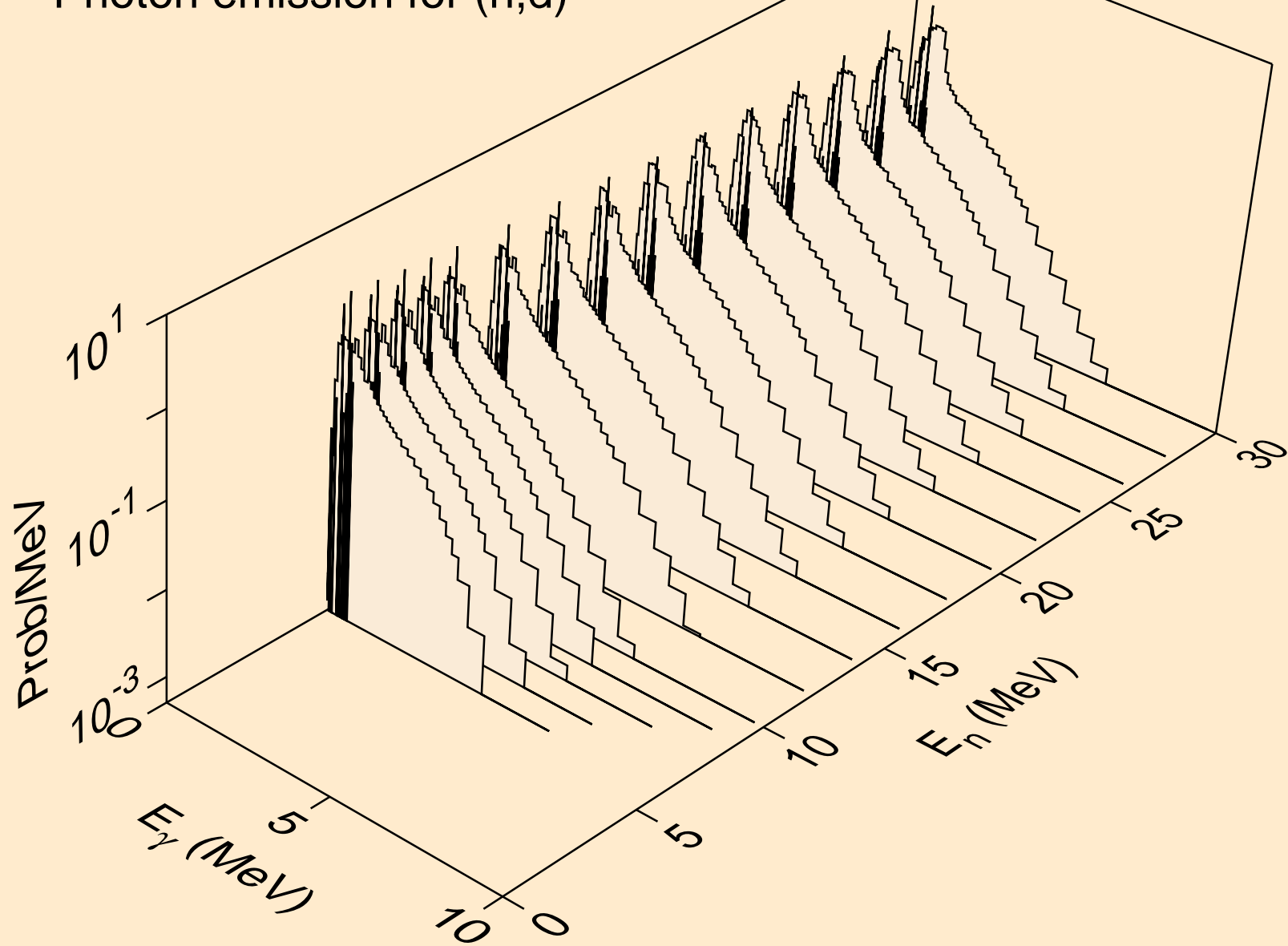
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Photon emission for (n,gma)



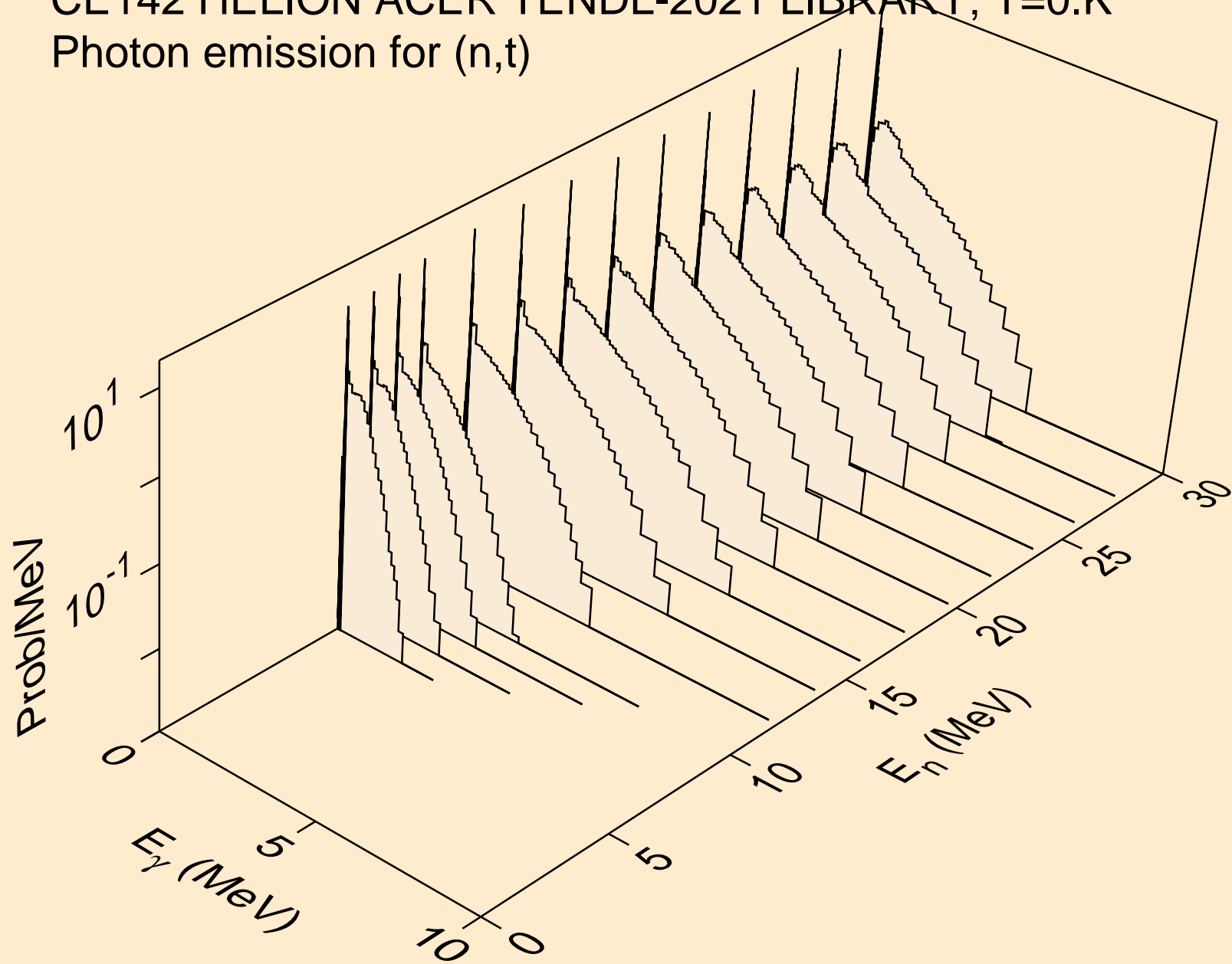
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



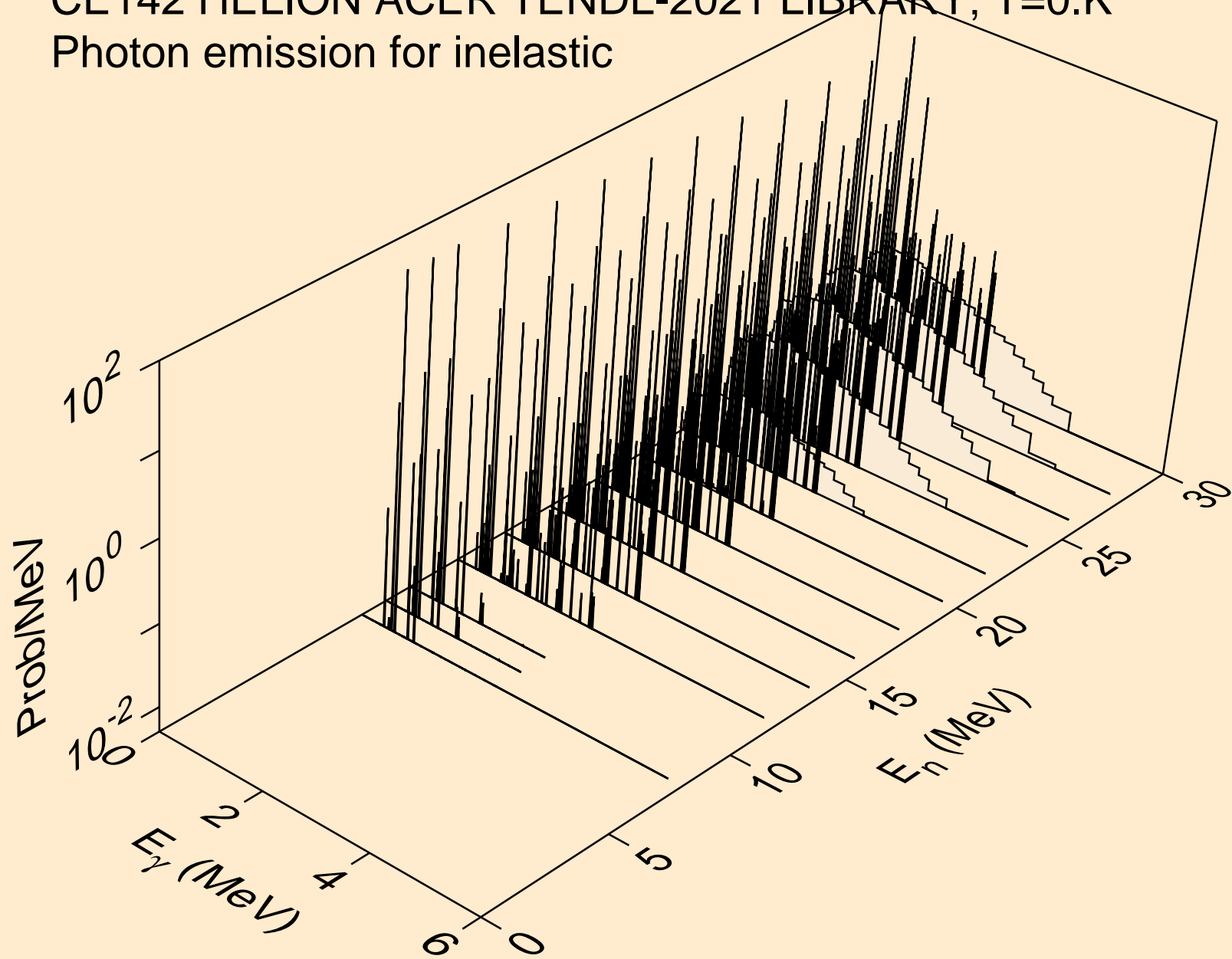
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

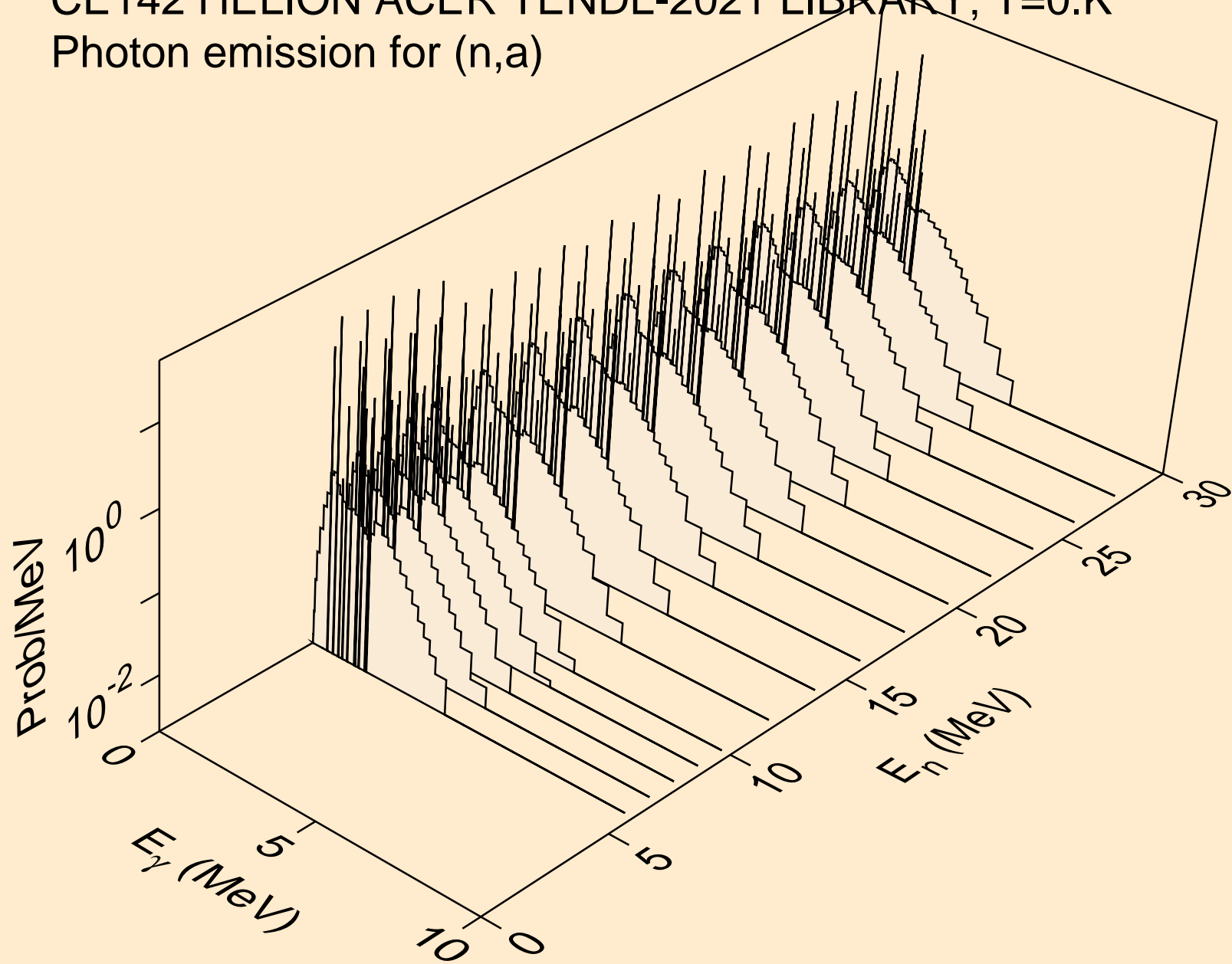


CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

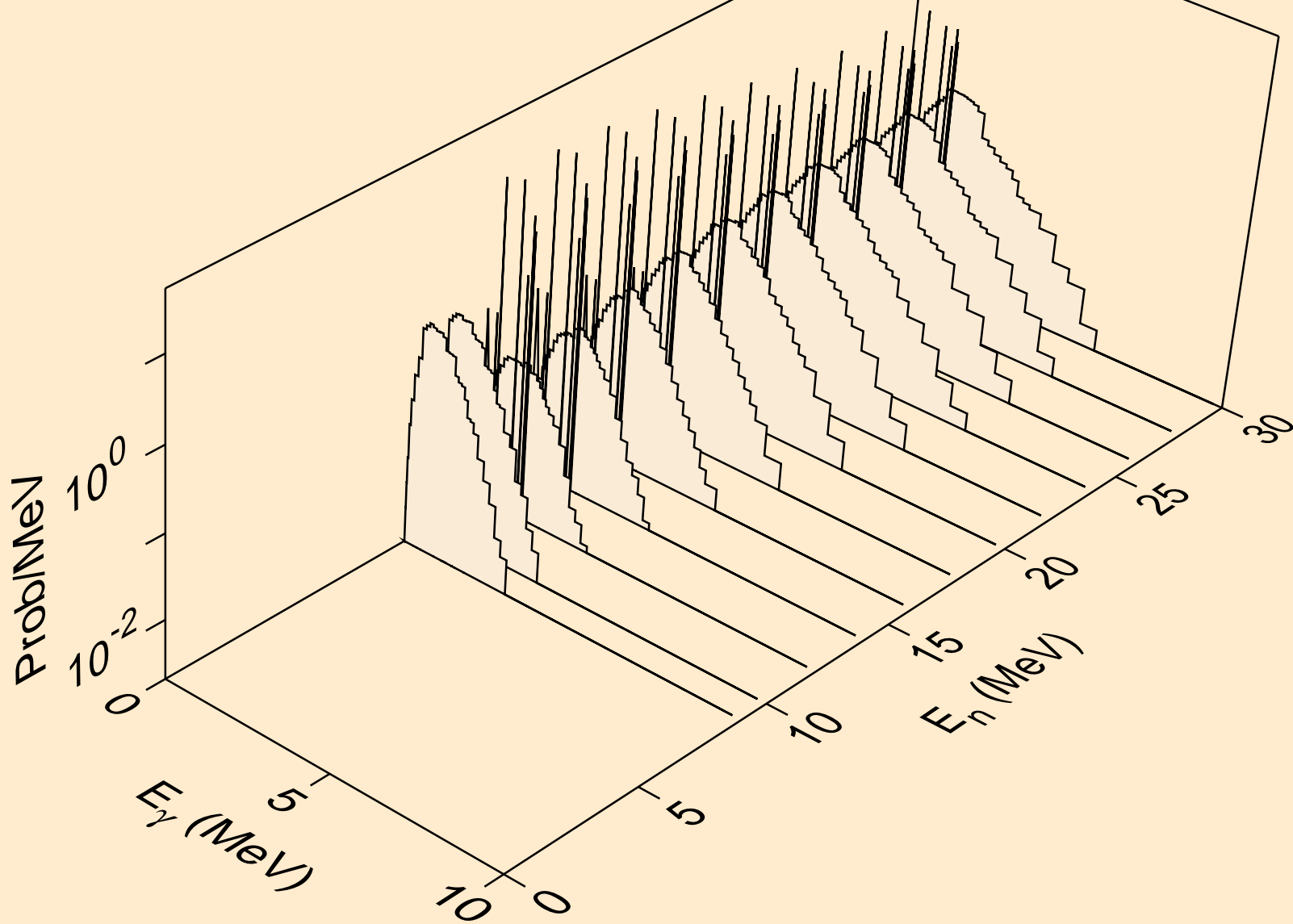




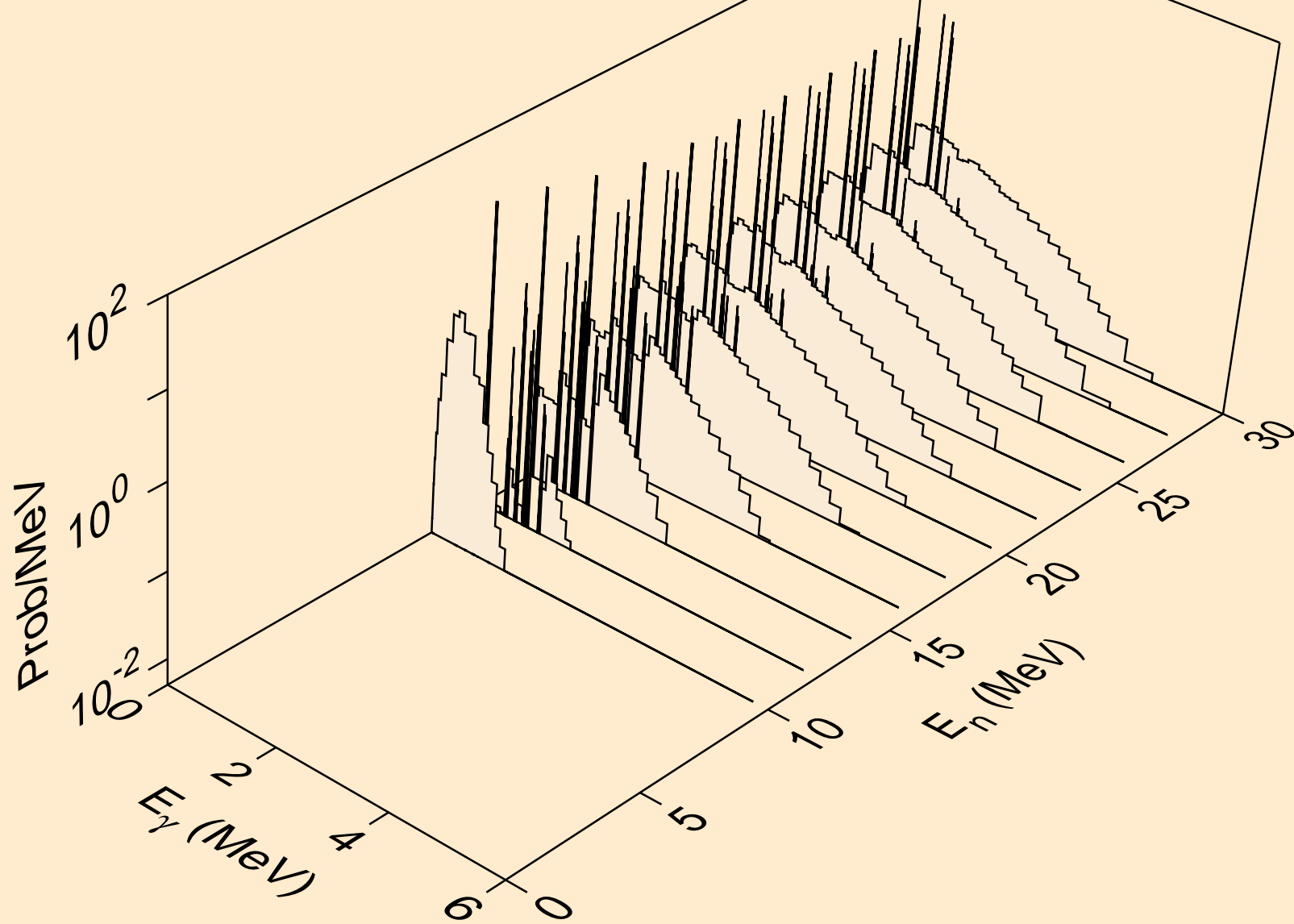
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



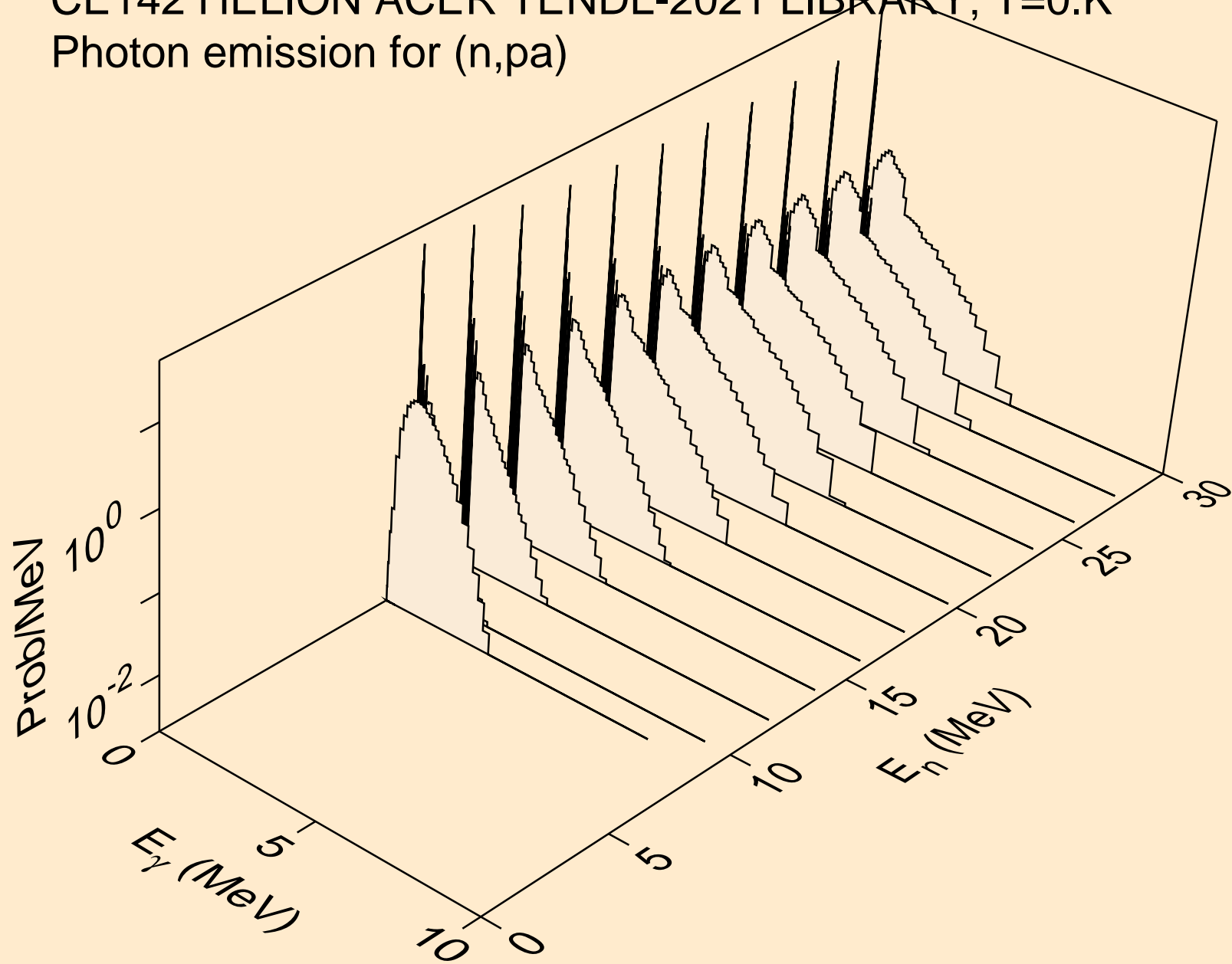
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



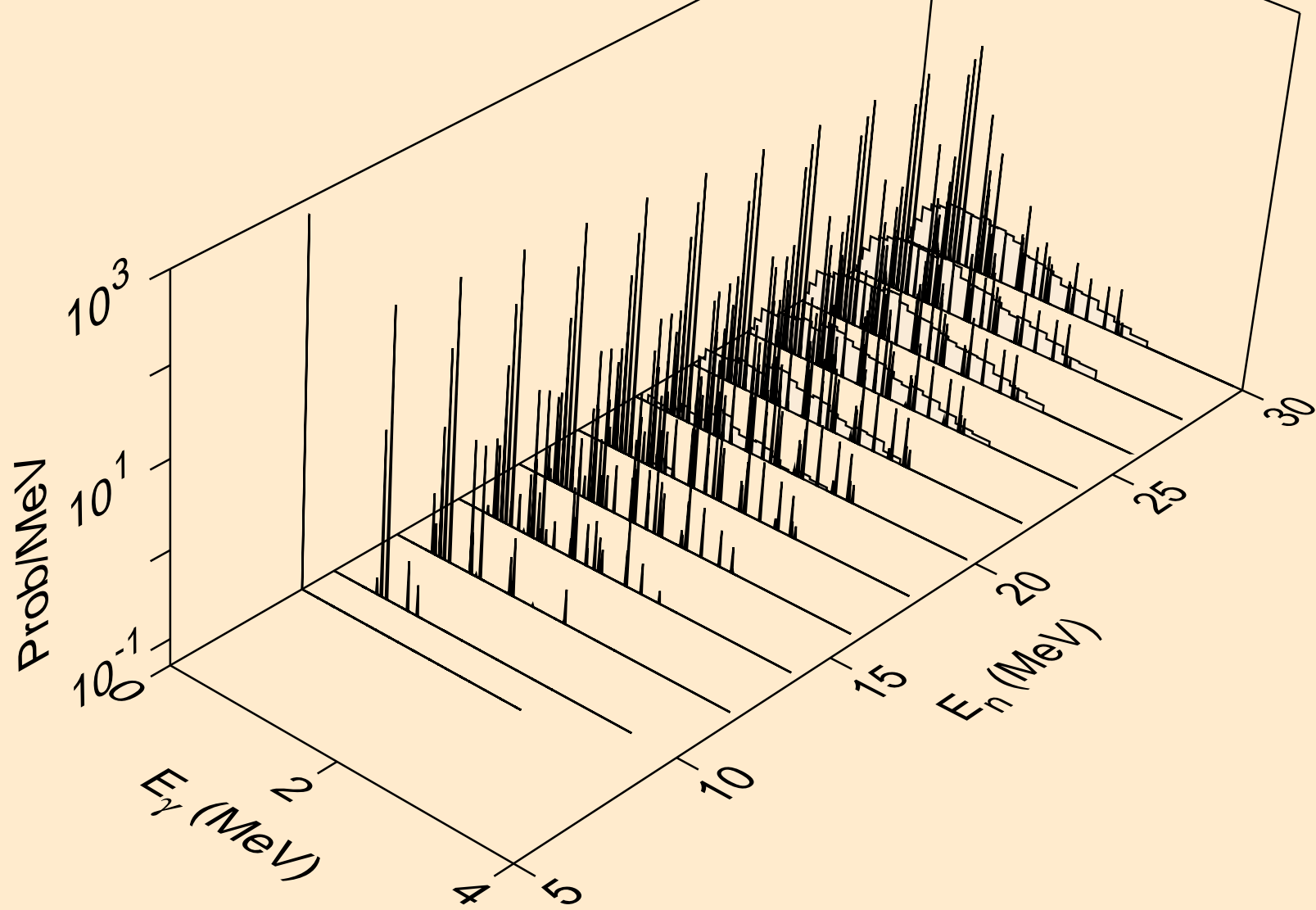
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Photon emission for (n,2p)



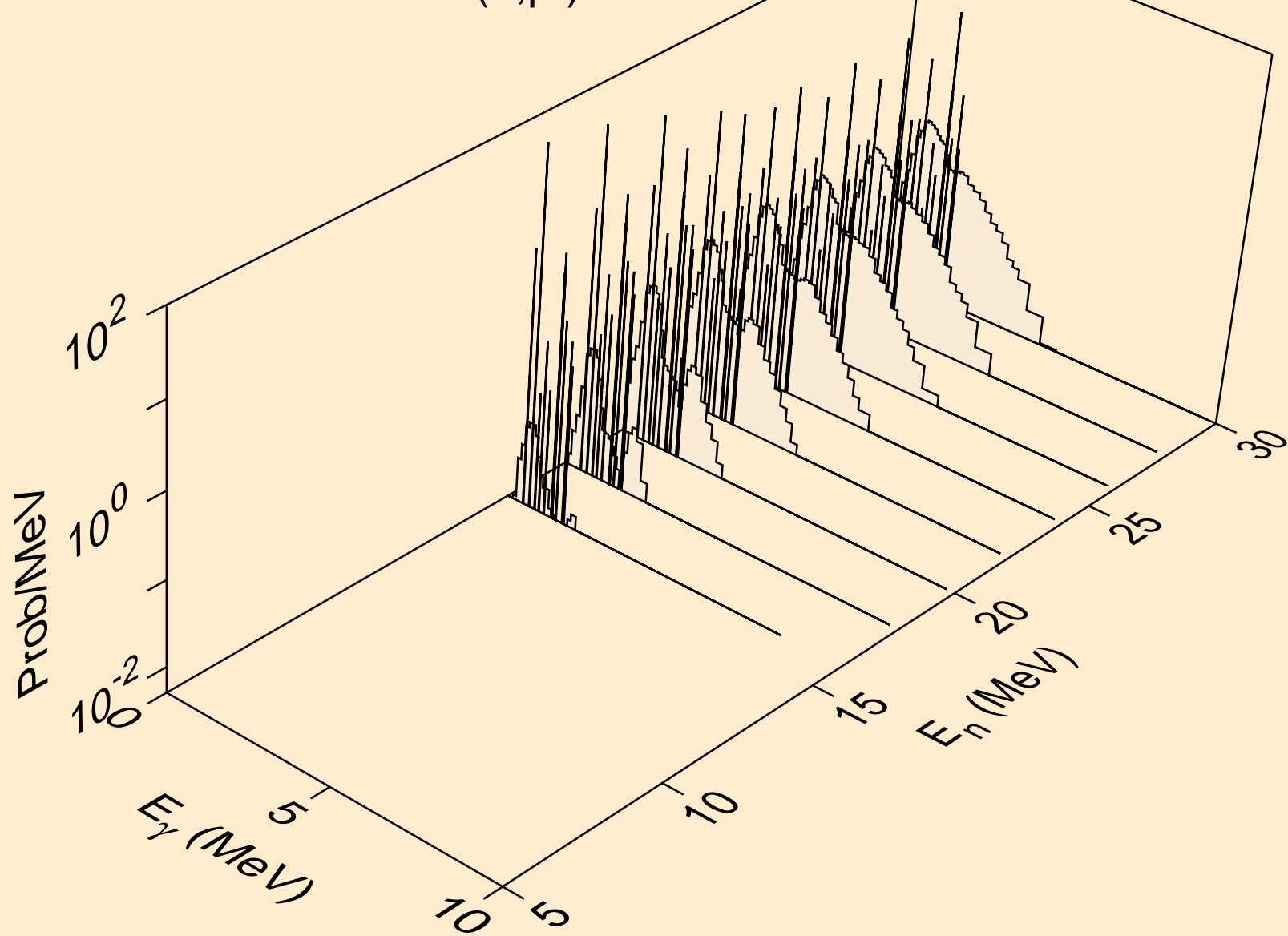
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Photon emission for (n,pa)



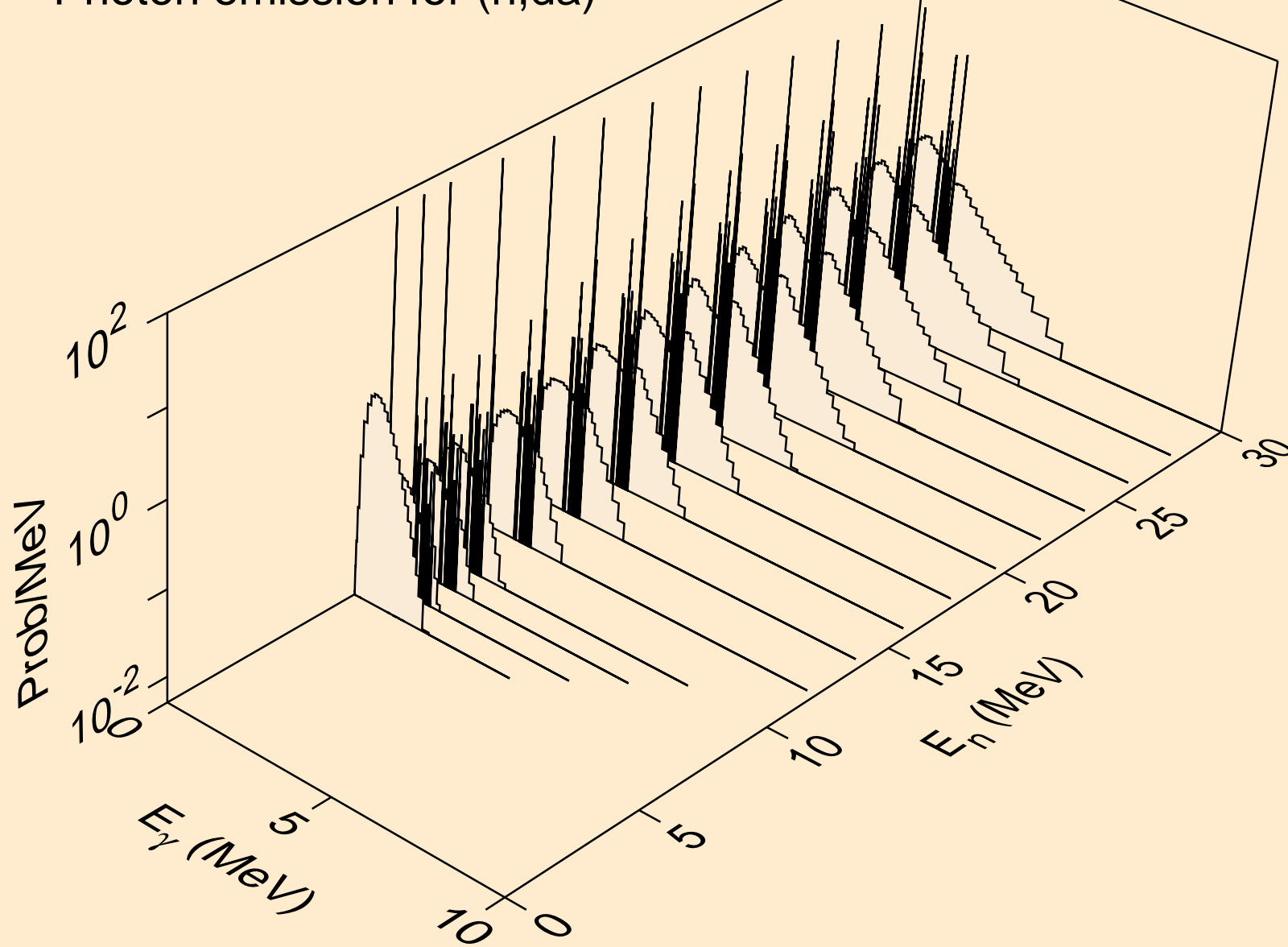
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

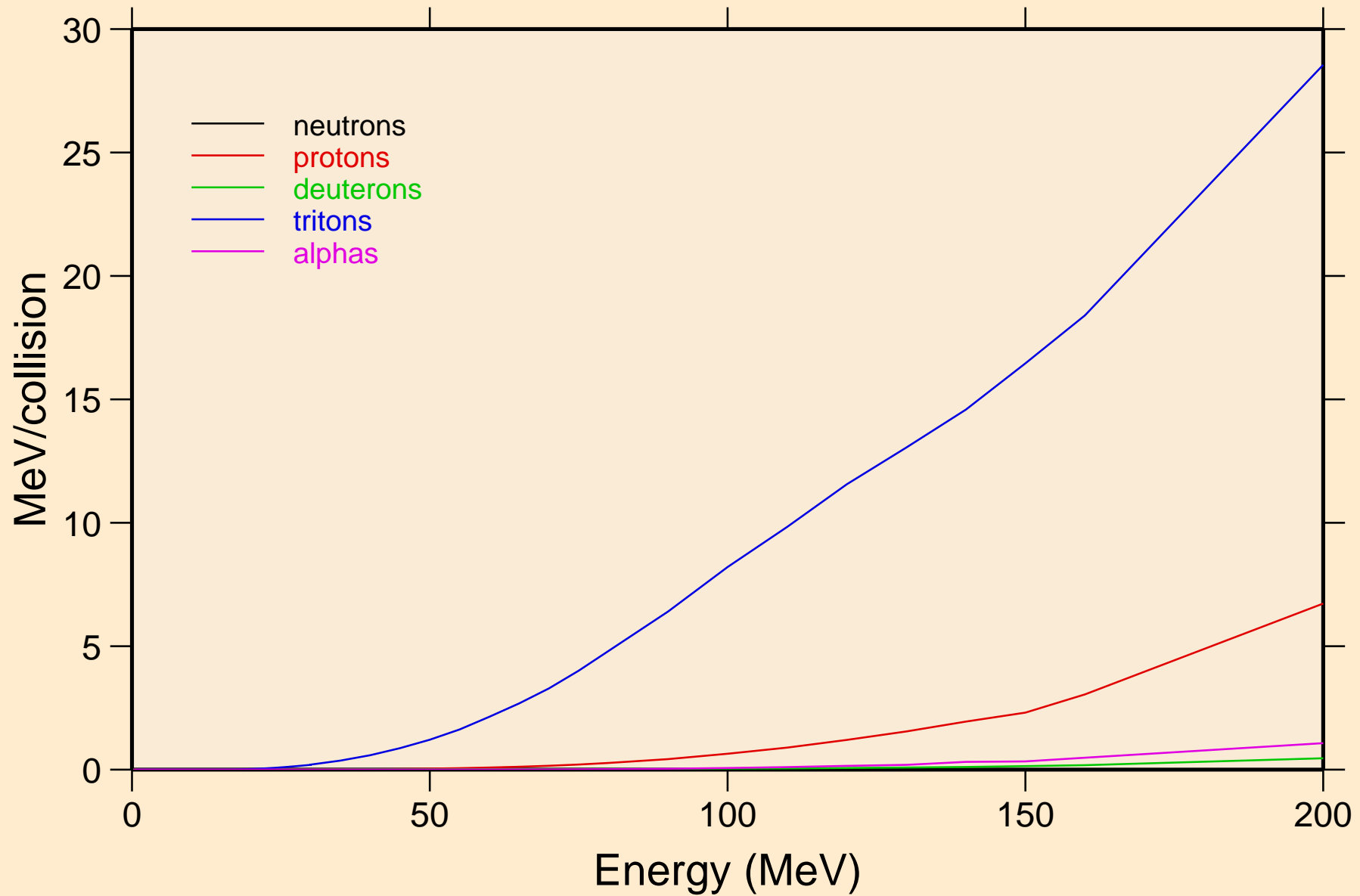


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Photon emission for (n,da)



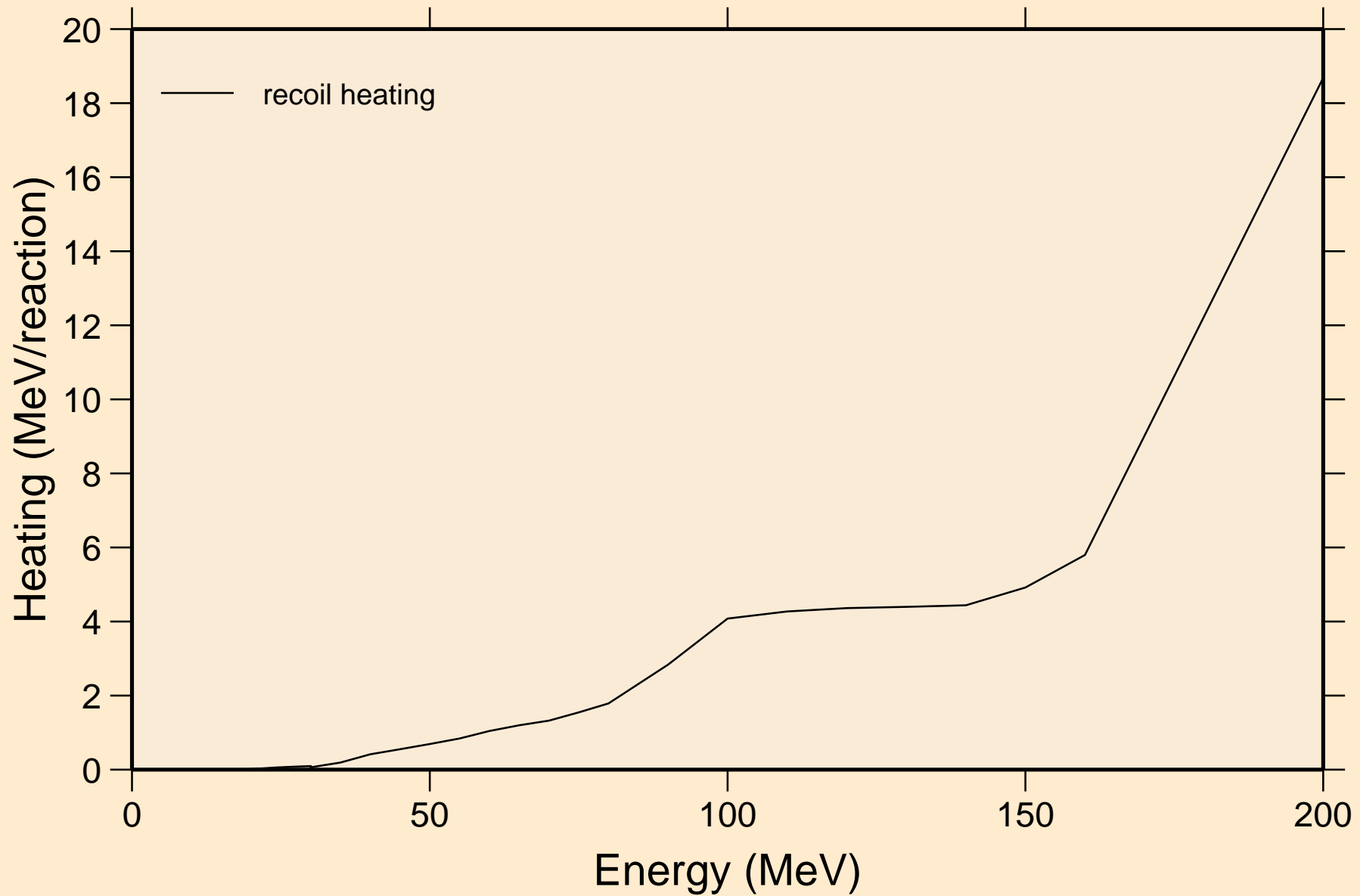
# CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions

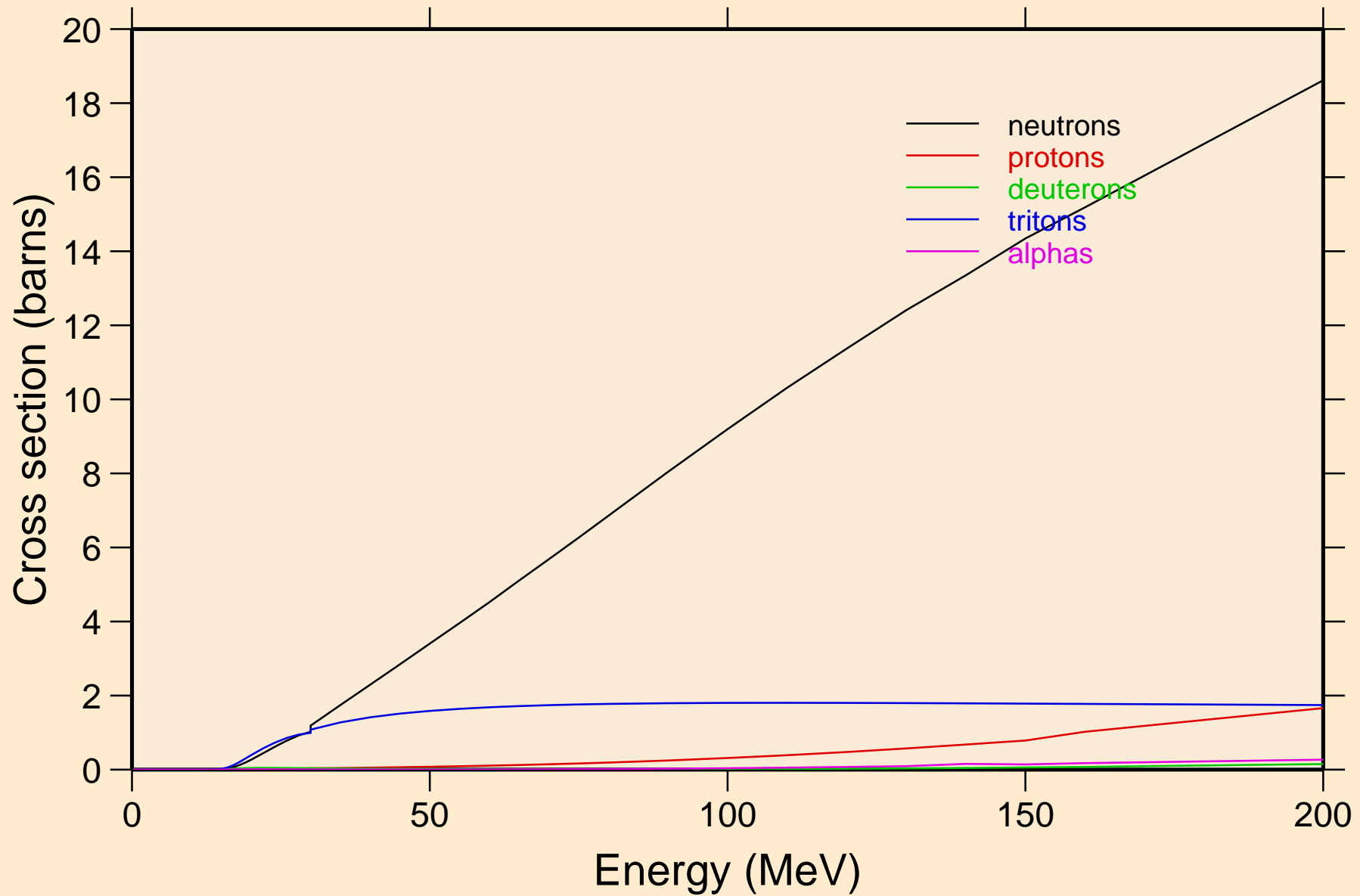




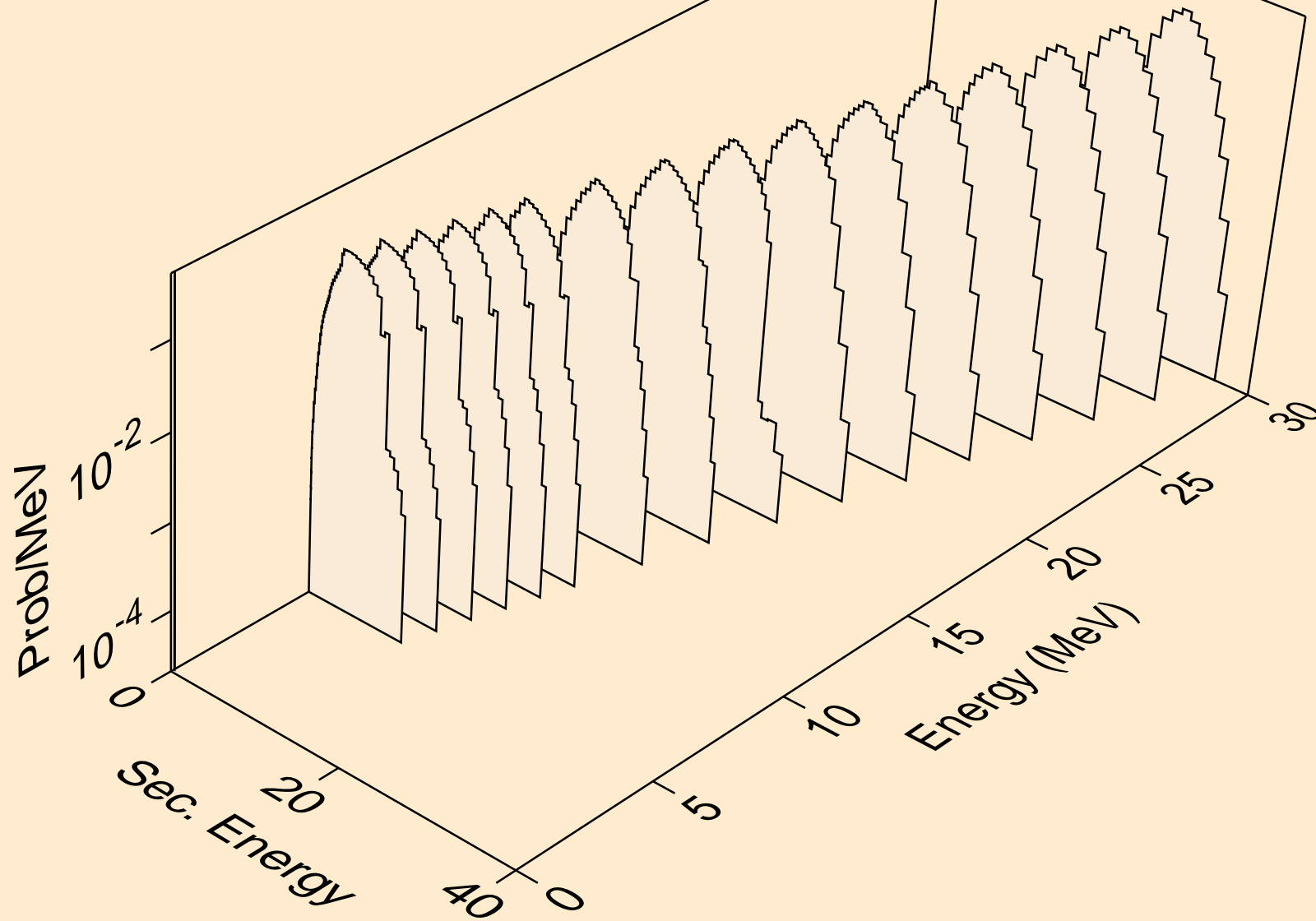
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



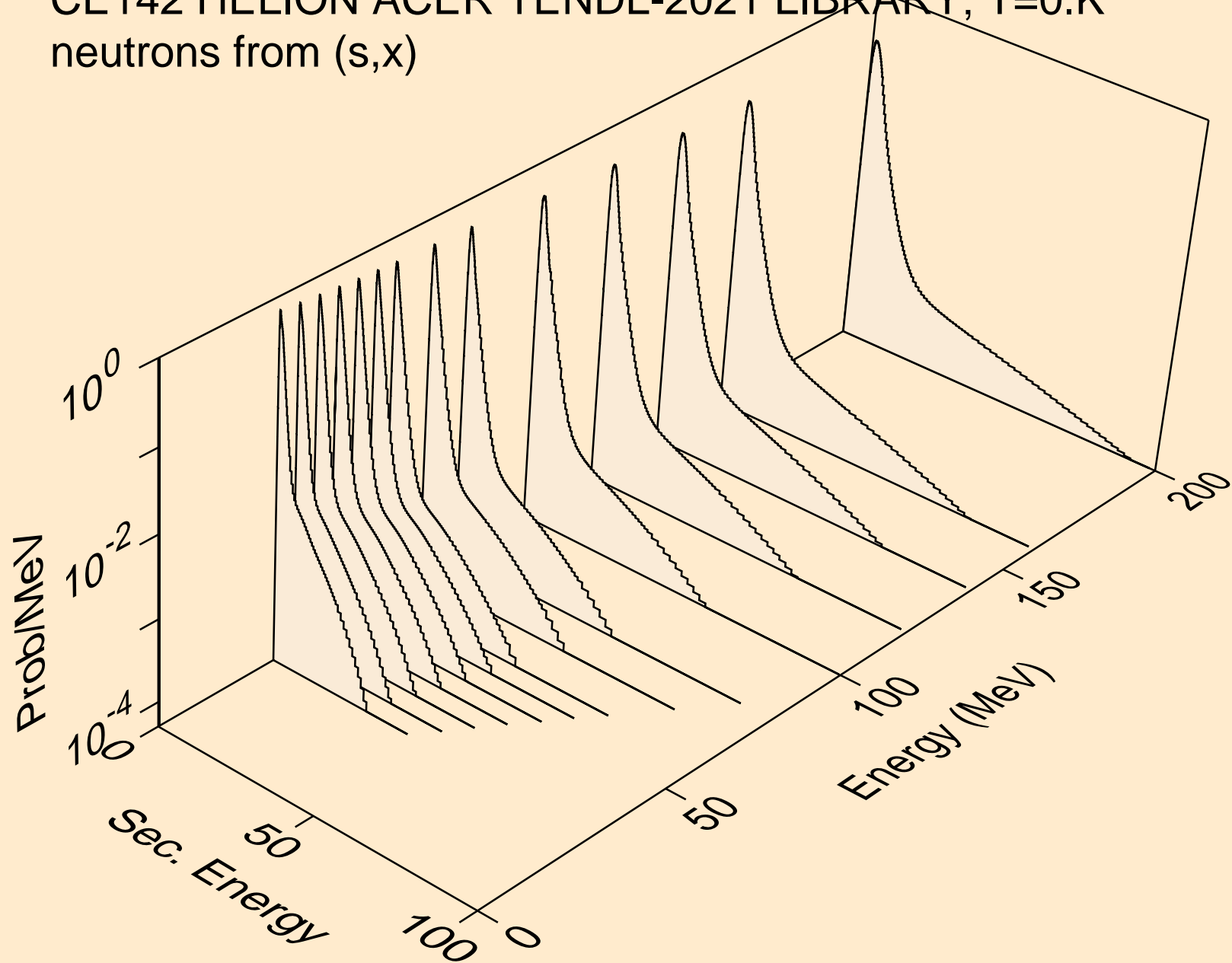
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



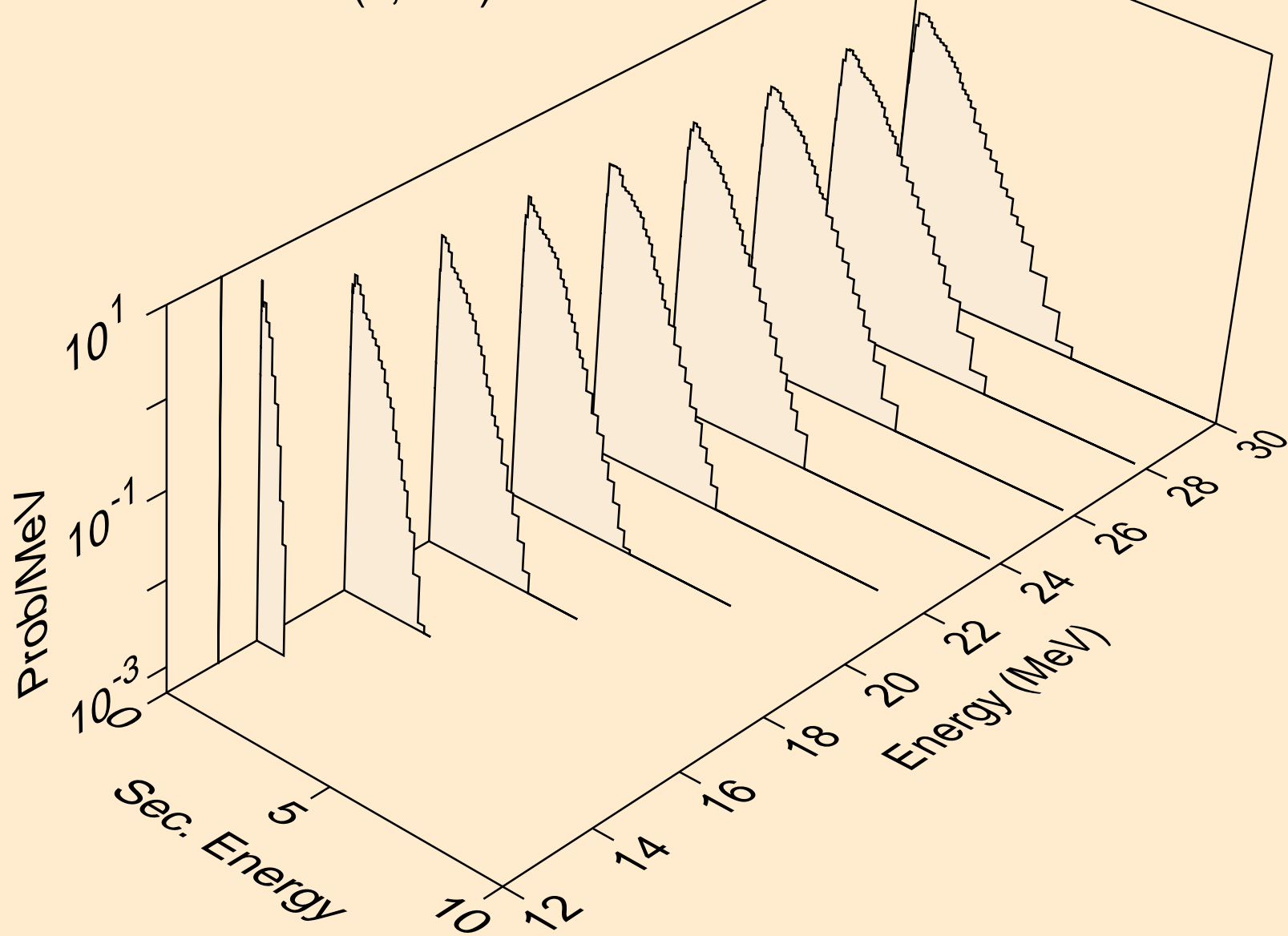
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



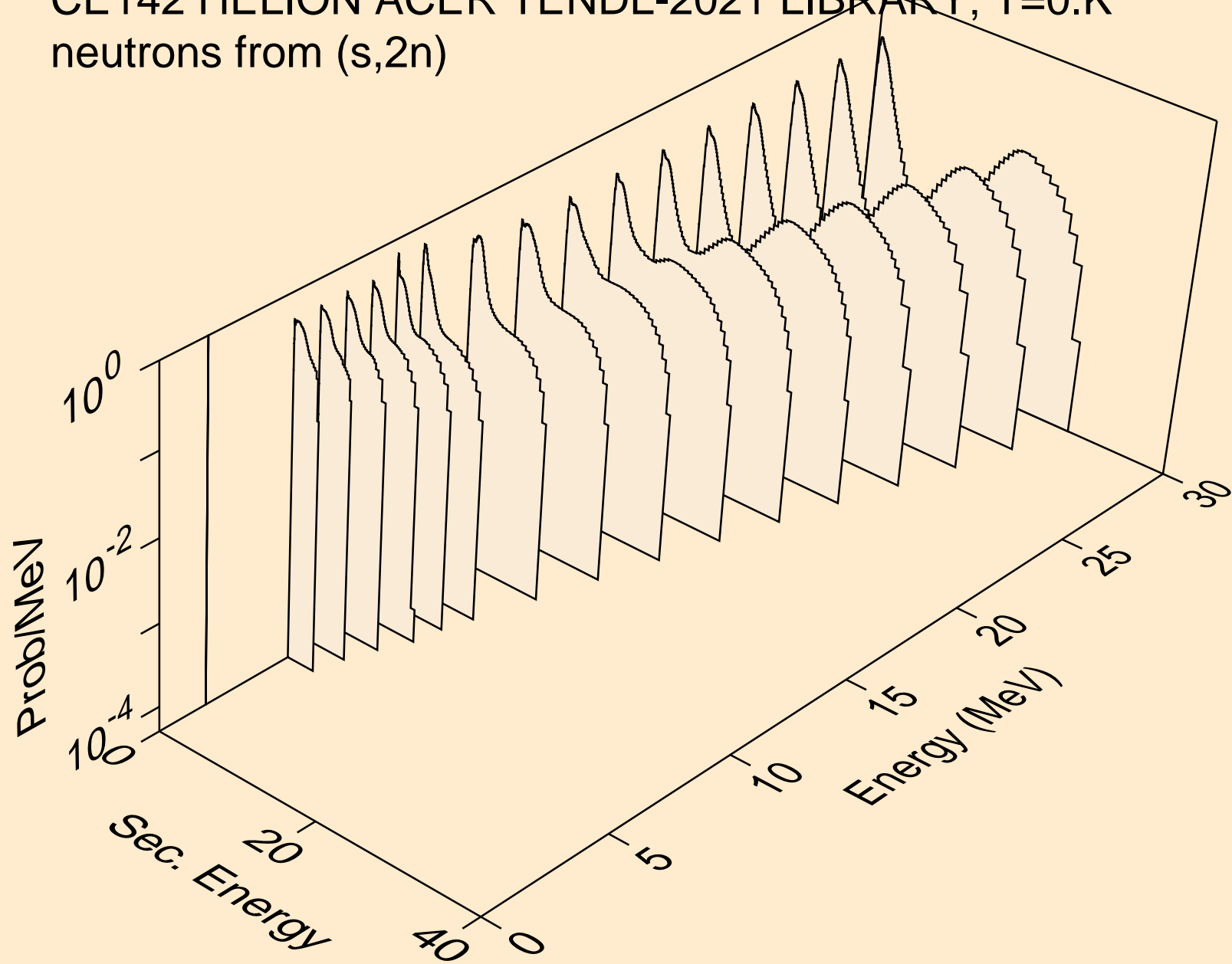
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



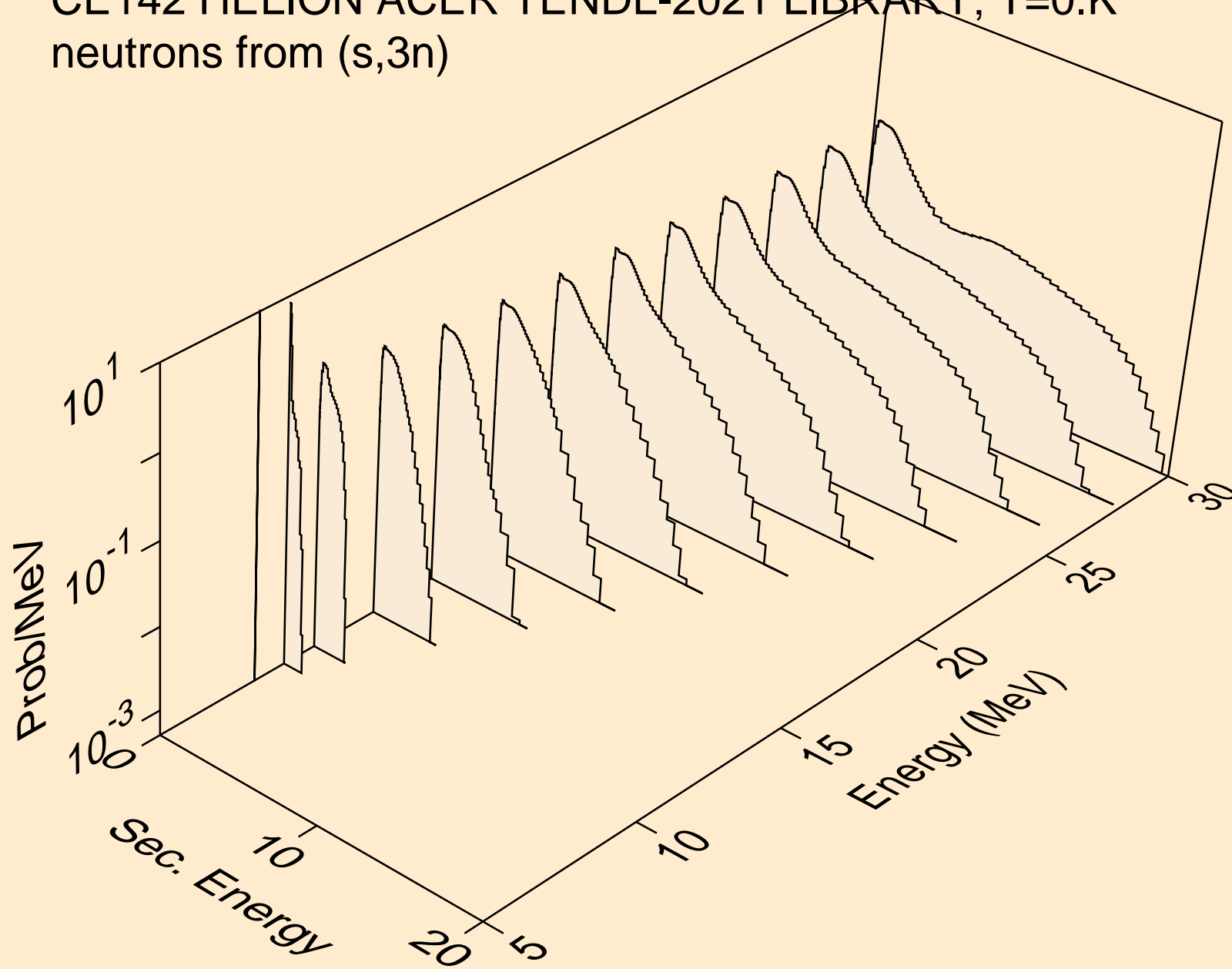
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neutrons from (s,2nd)



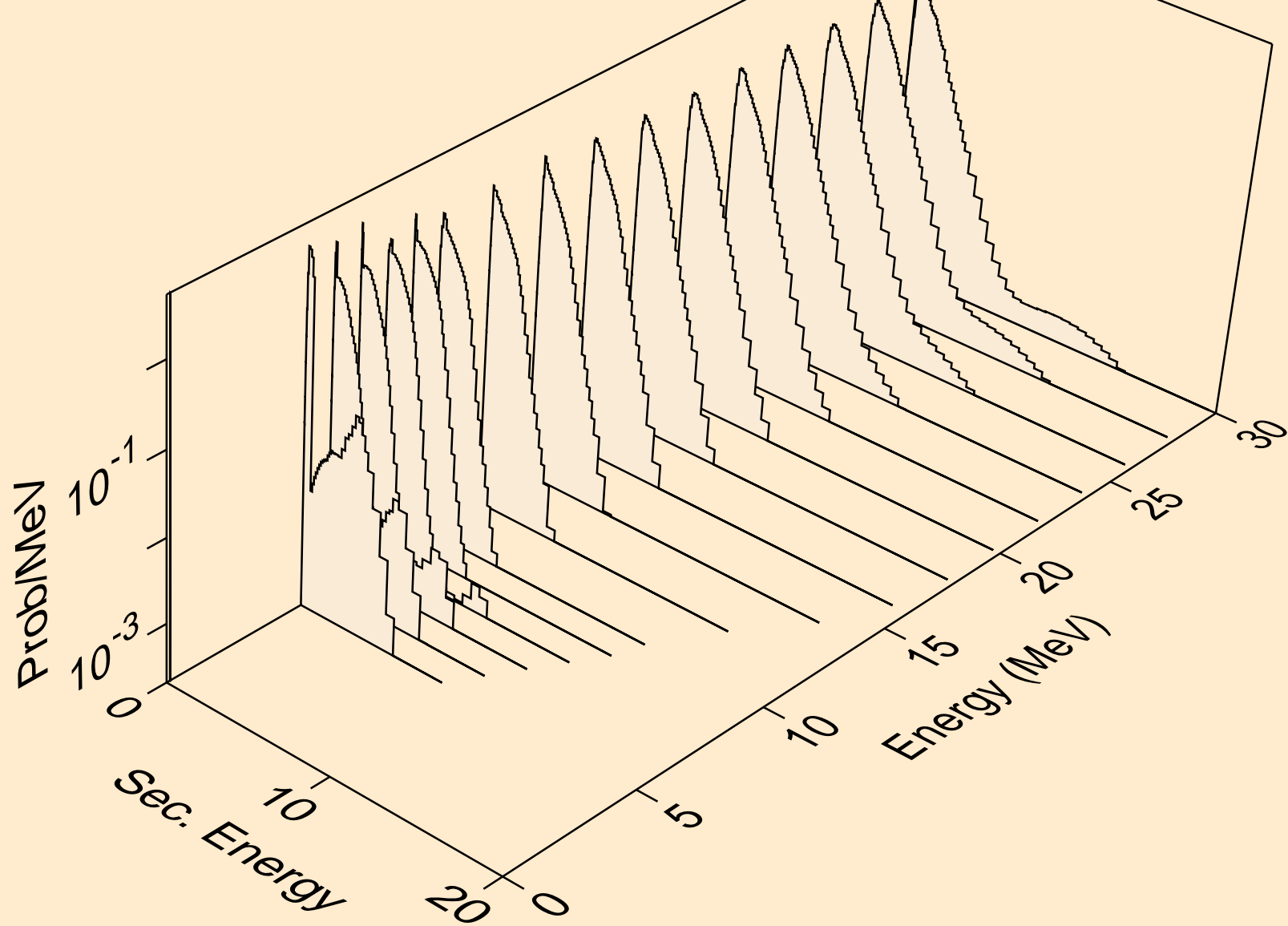
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

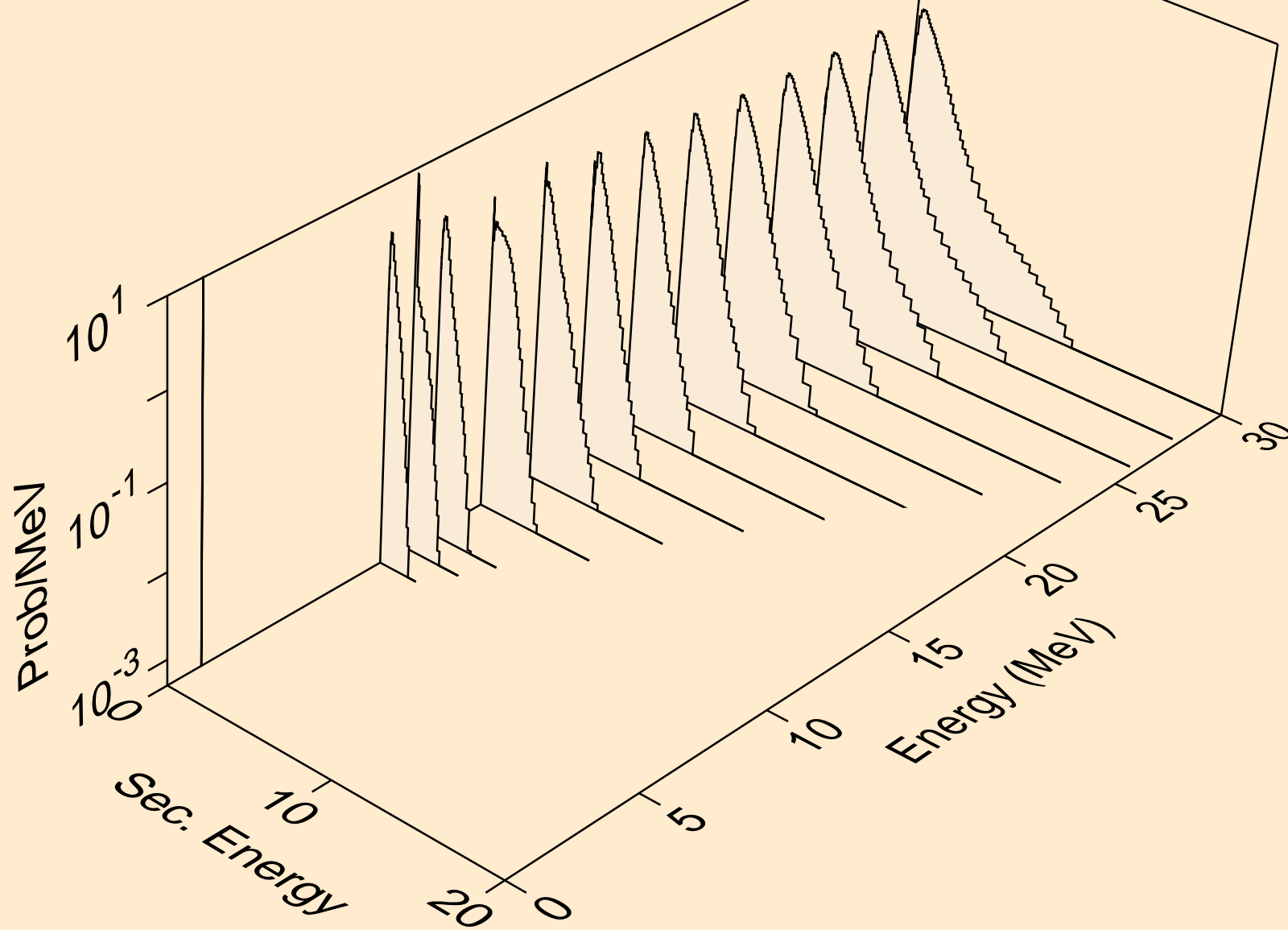


CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

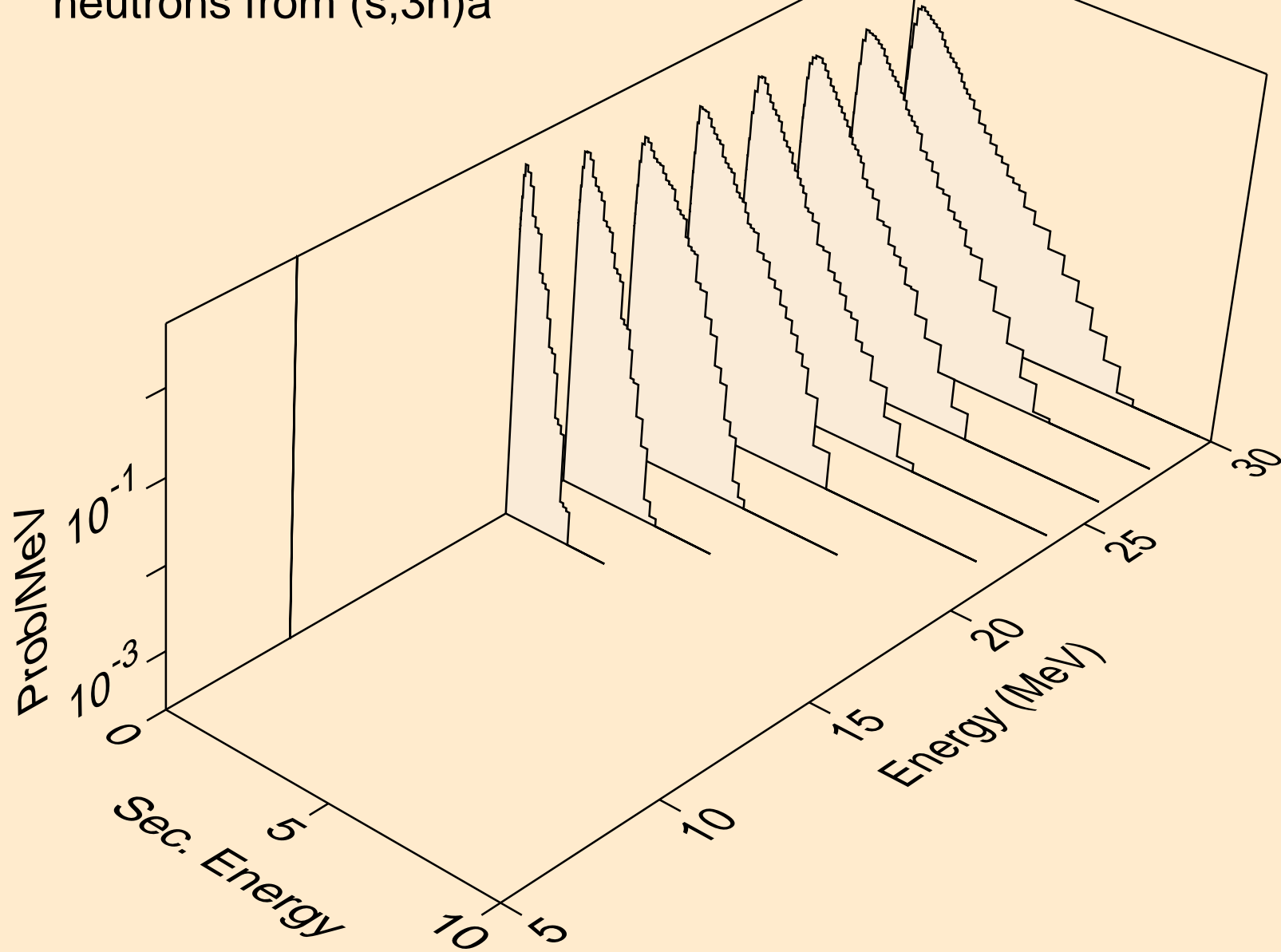




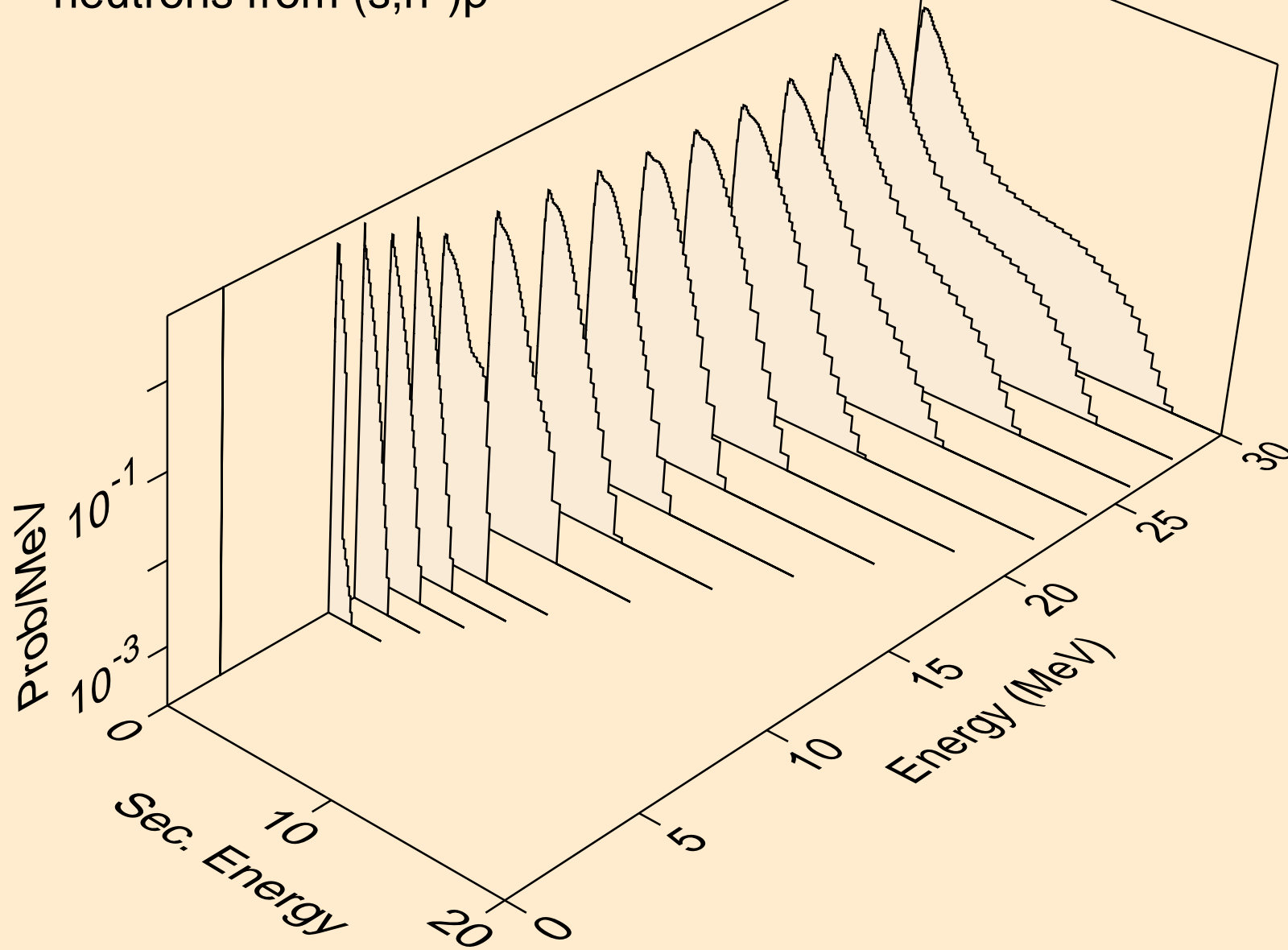
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



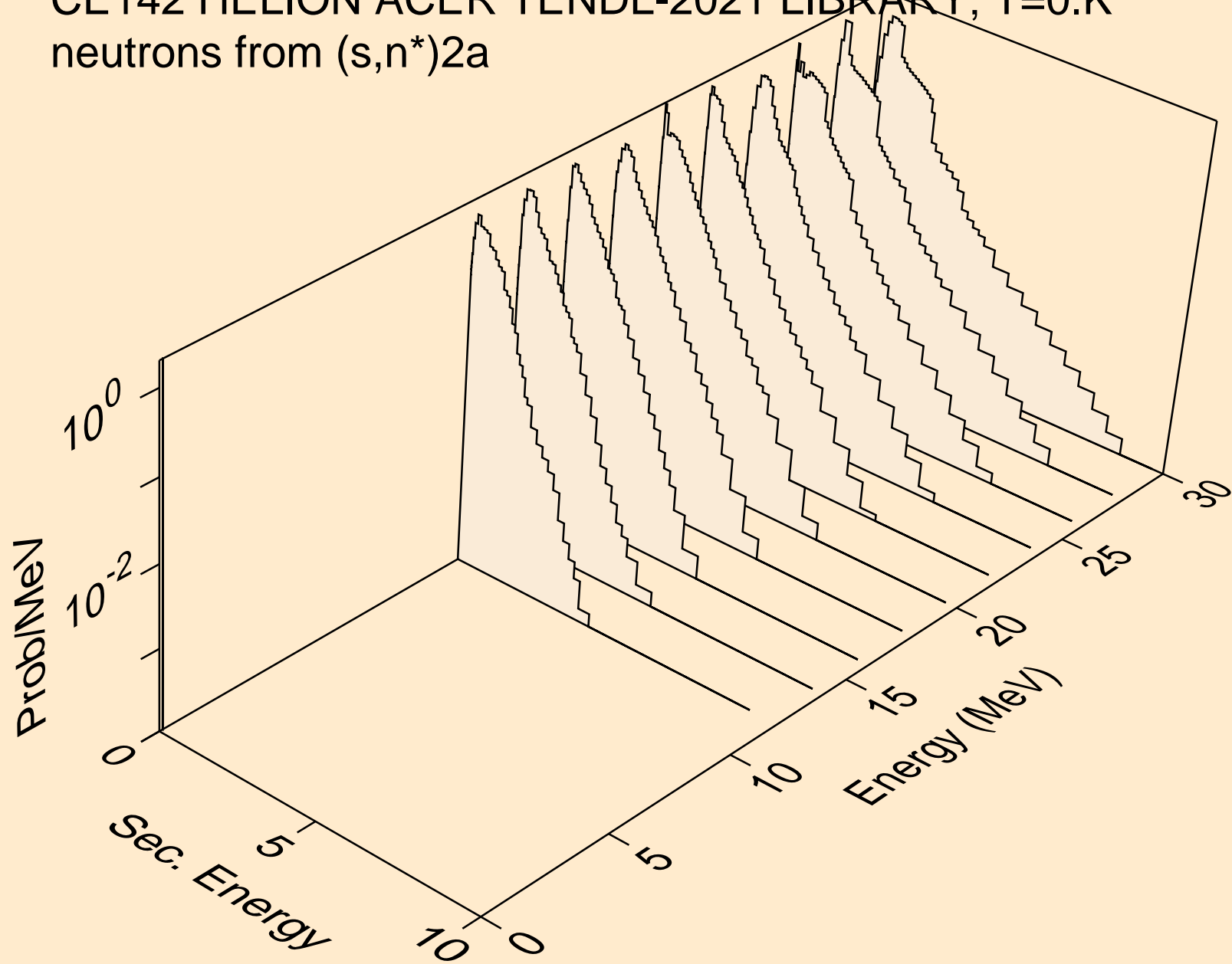
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neutrons from (s,3n)a



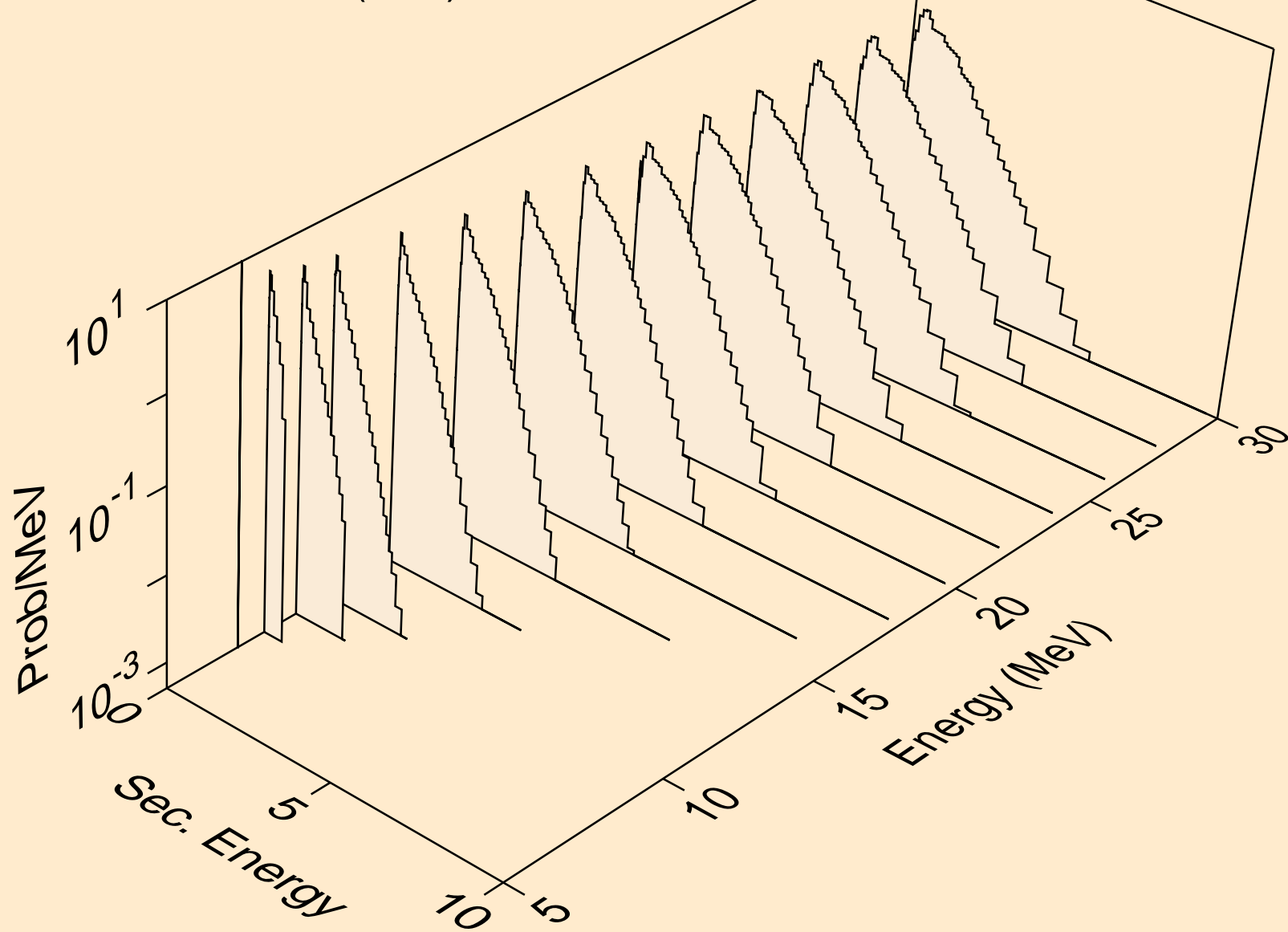
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



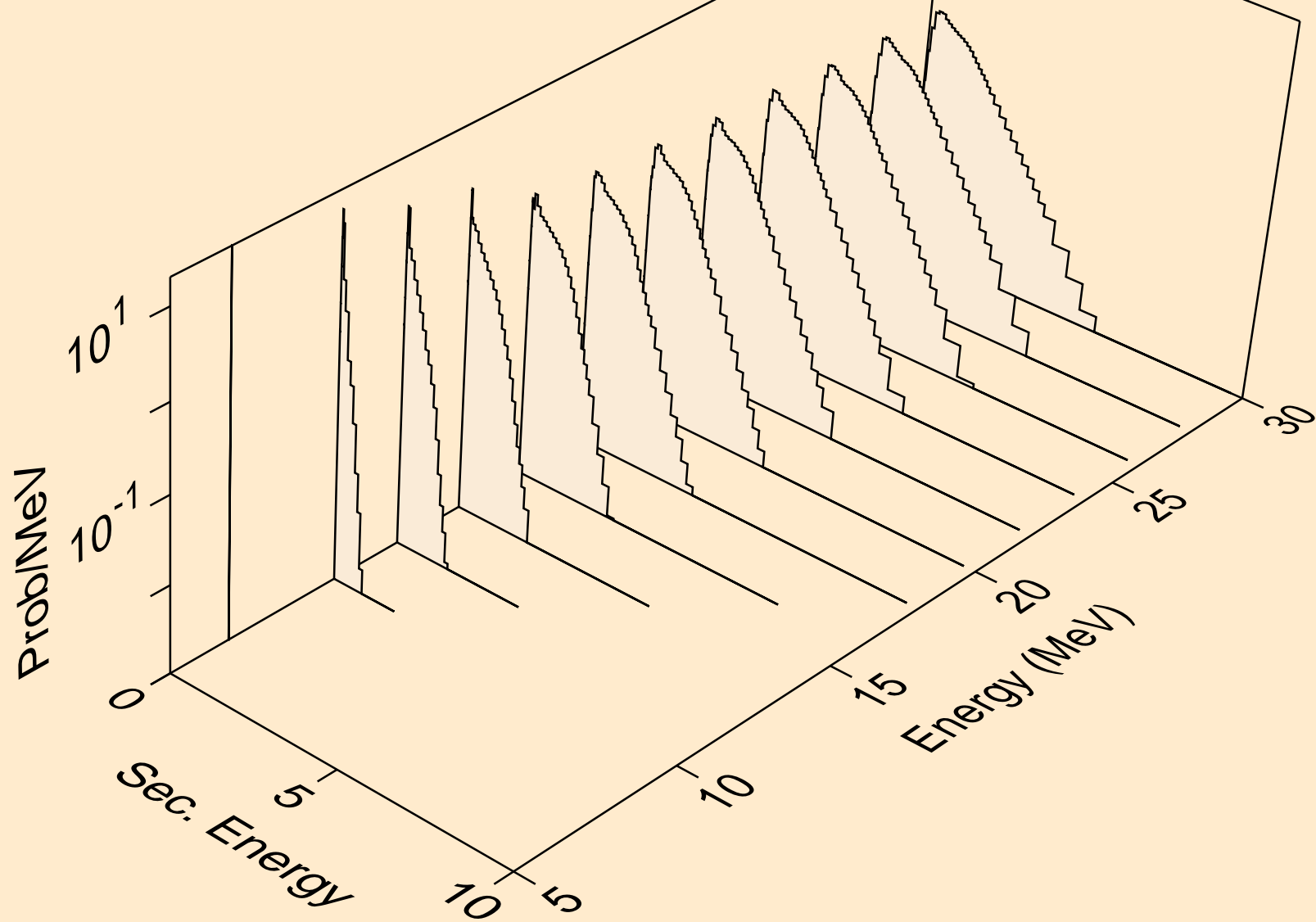
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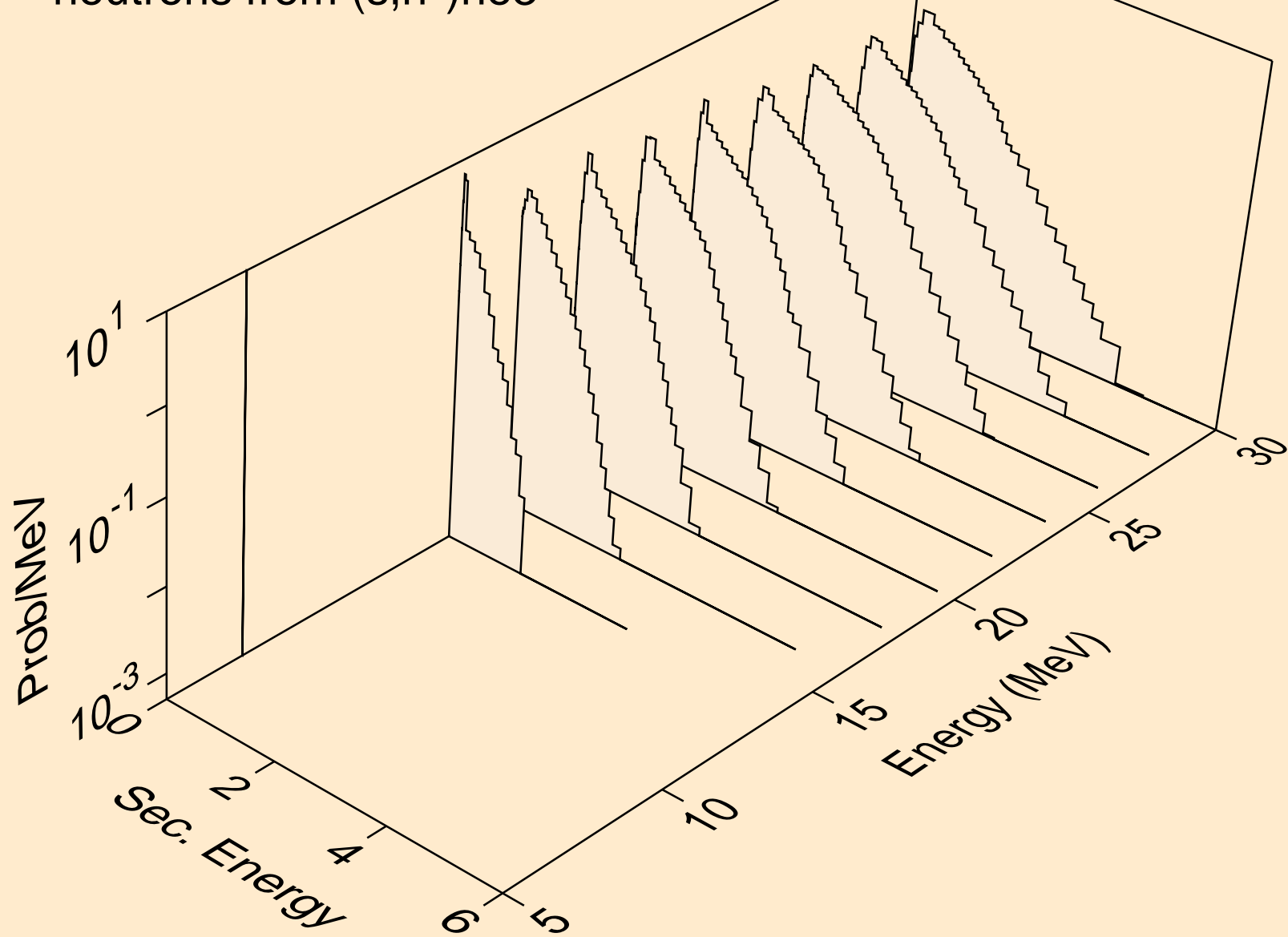
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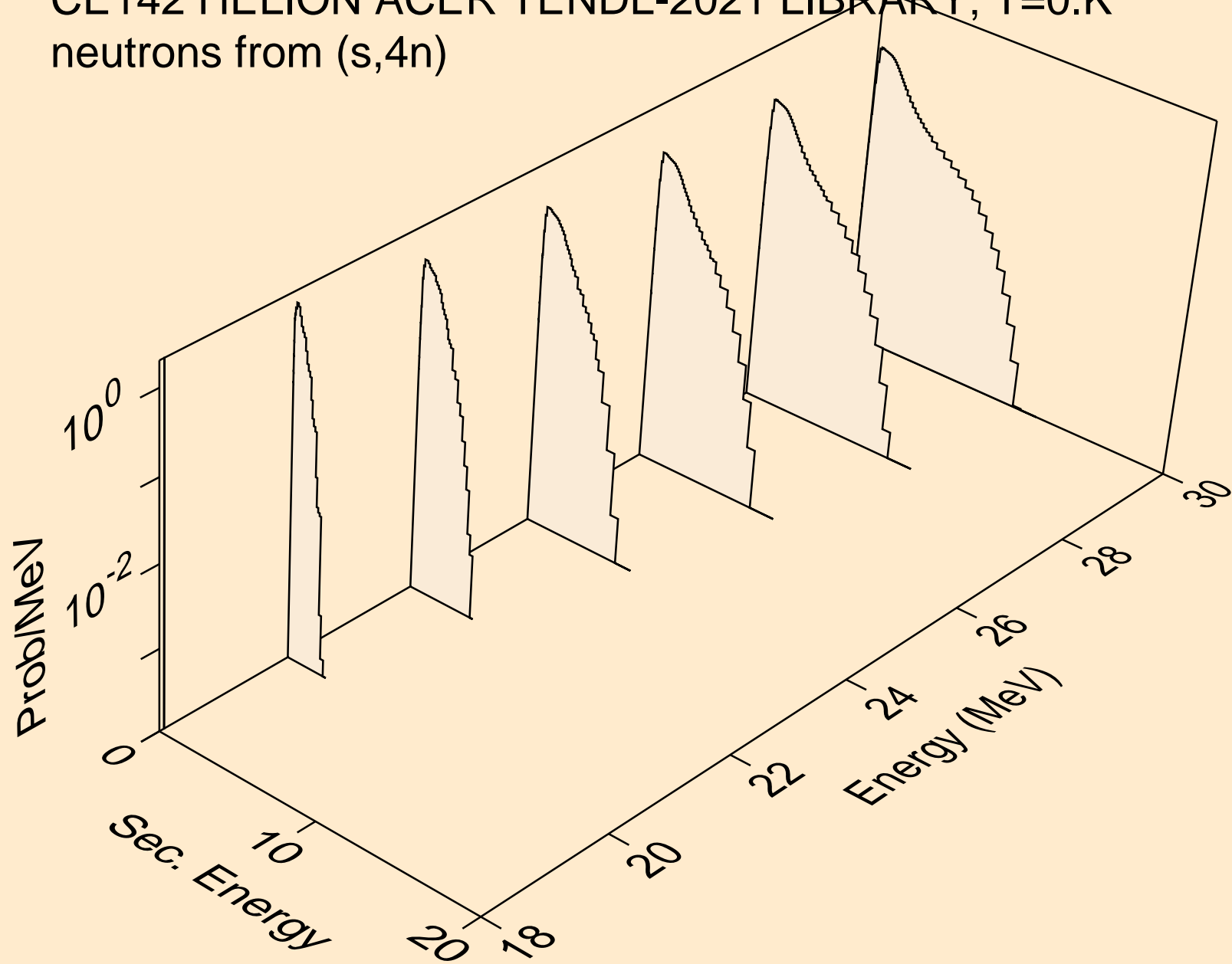
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

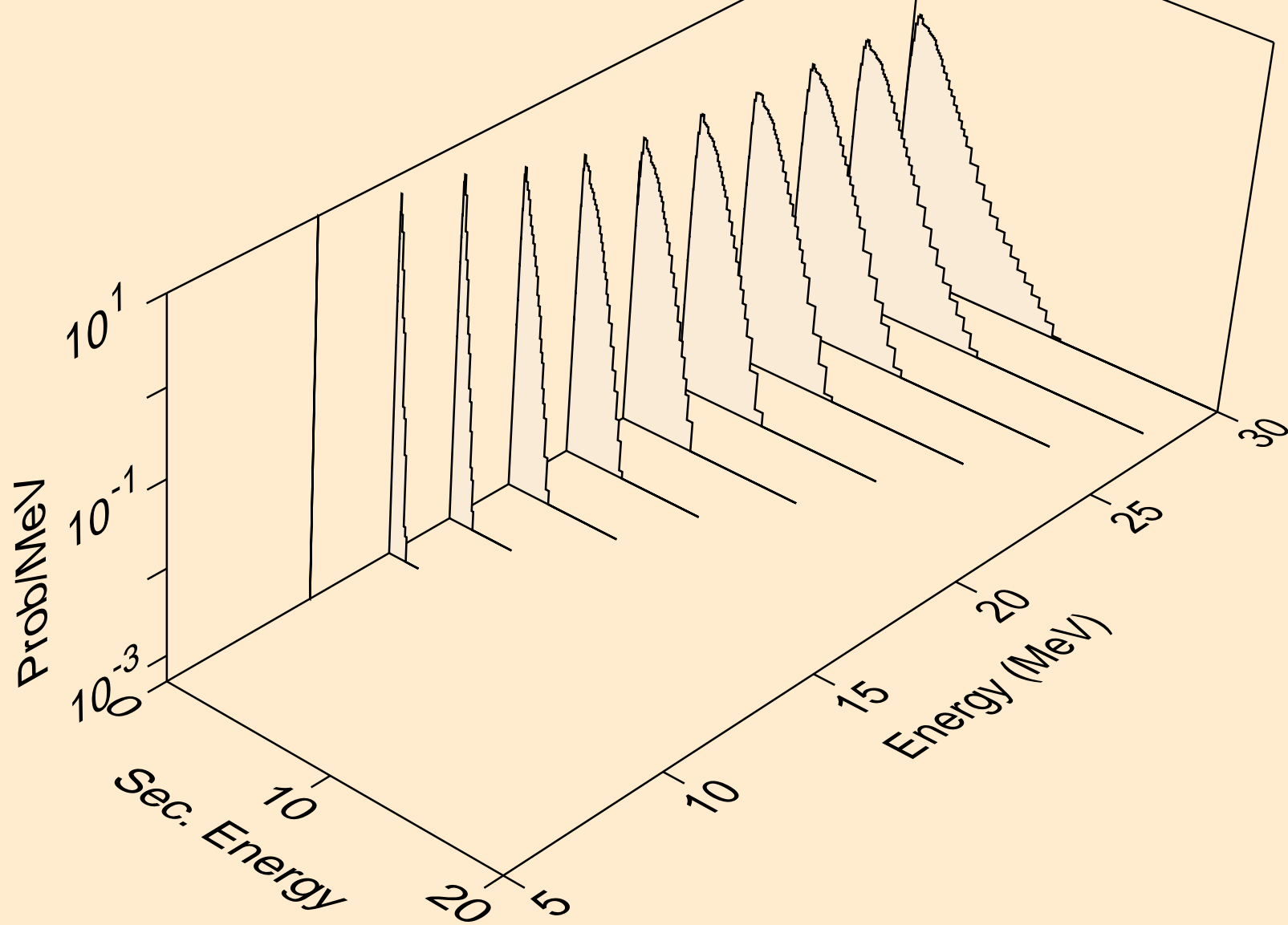


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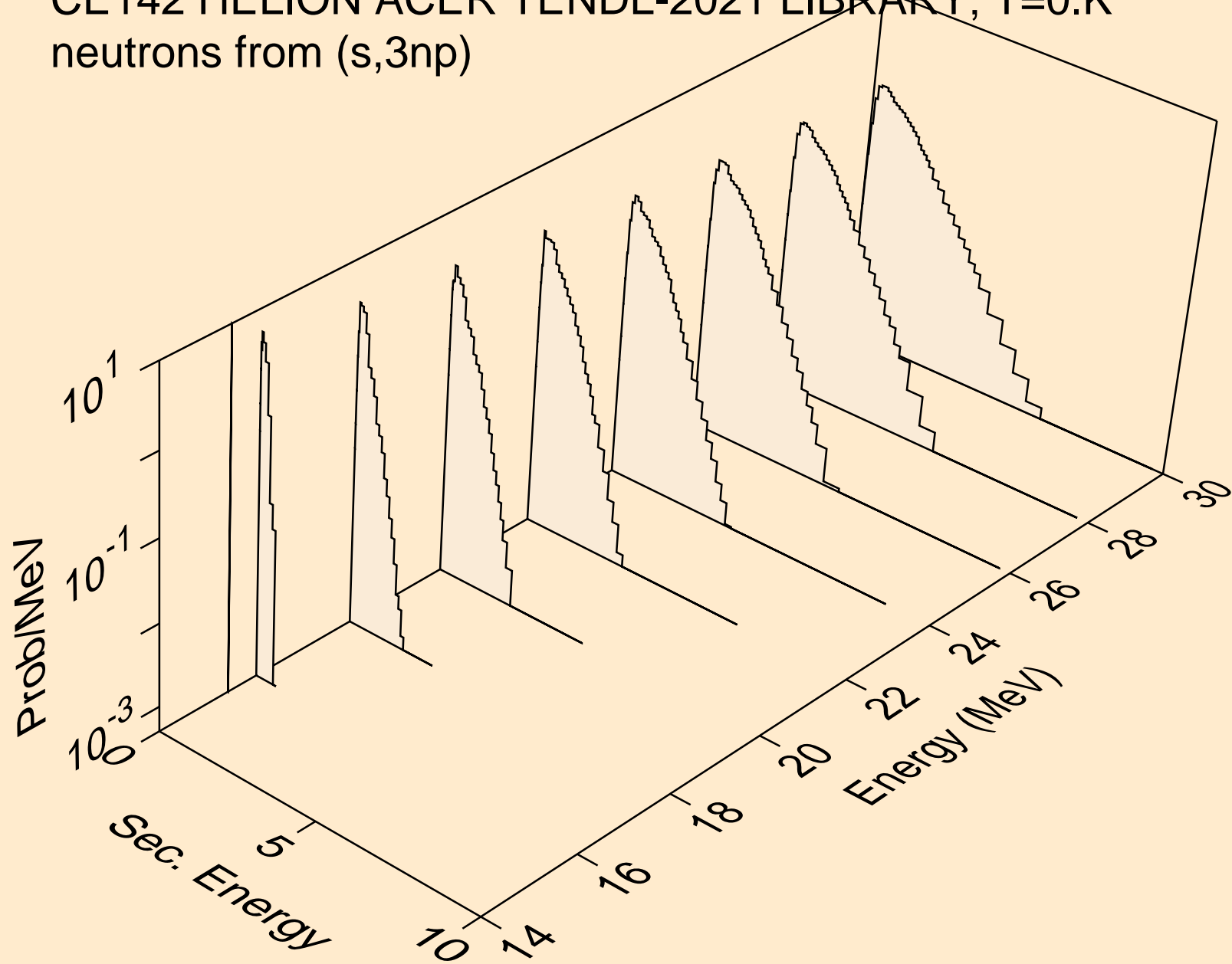




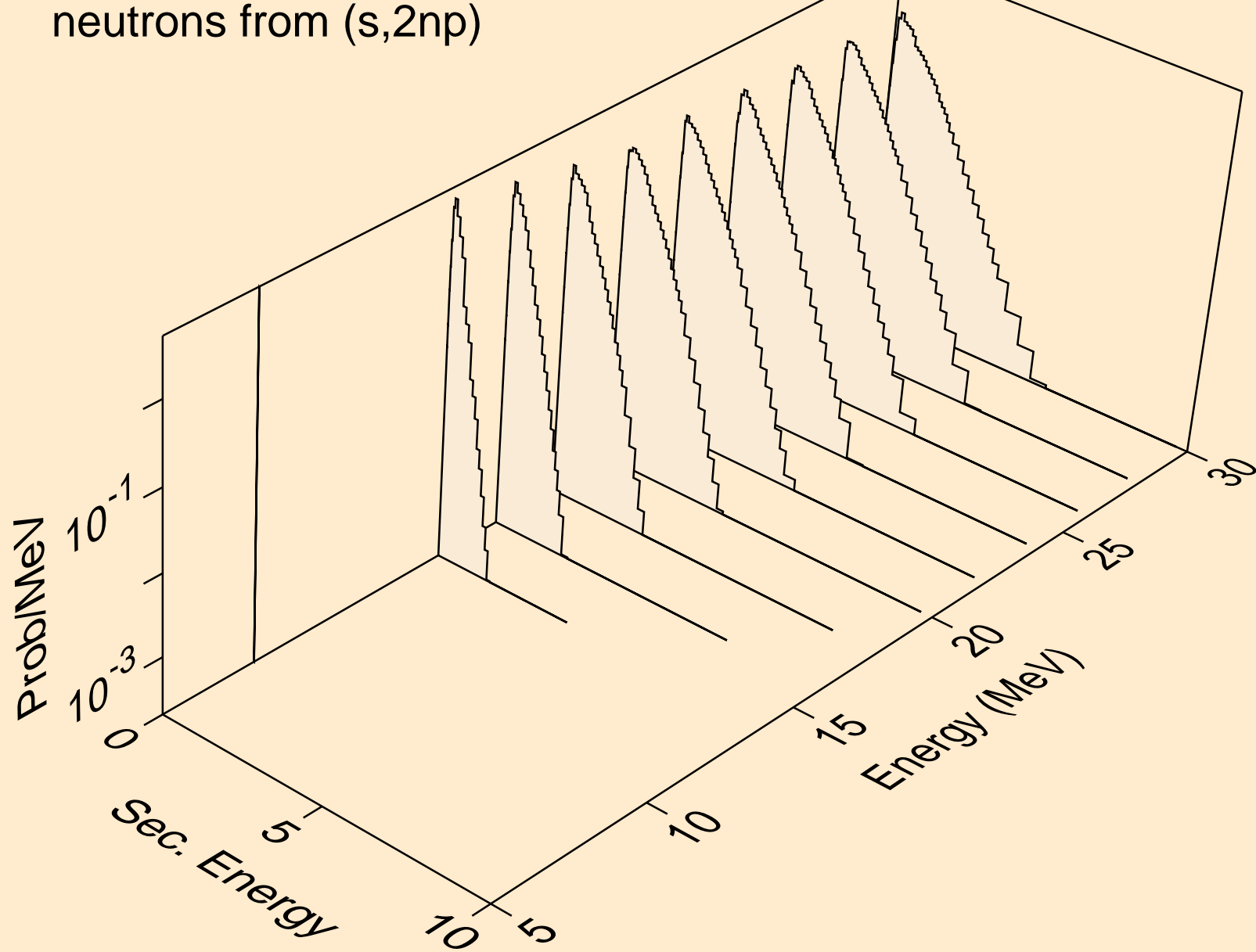
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neutrons from (s,2np)



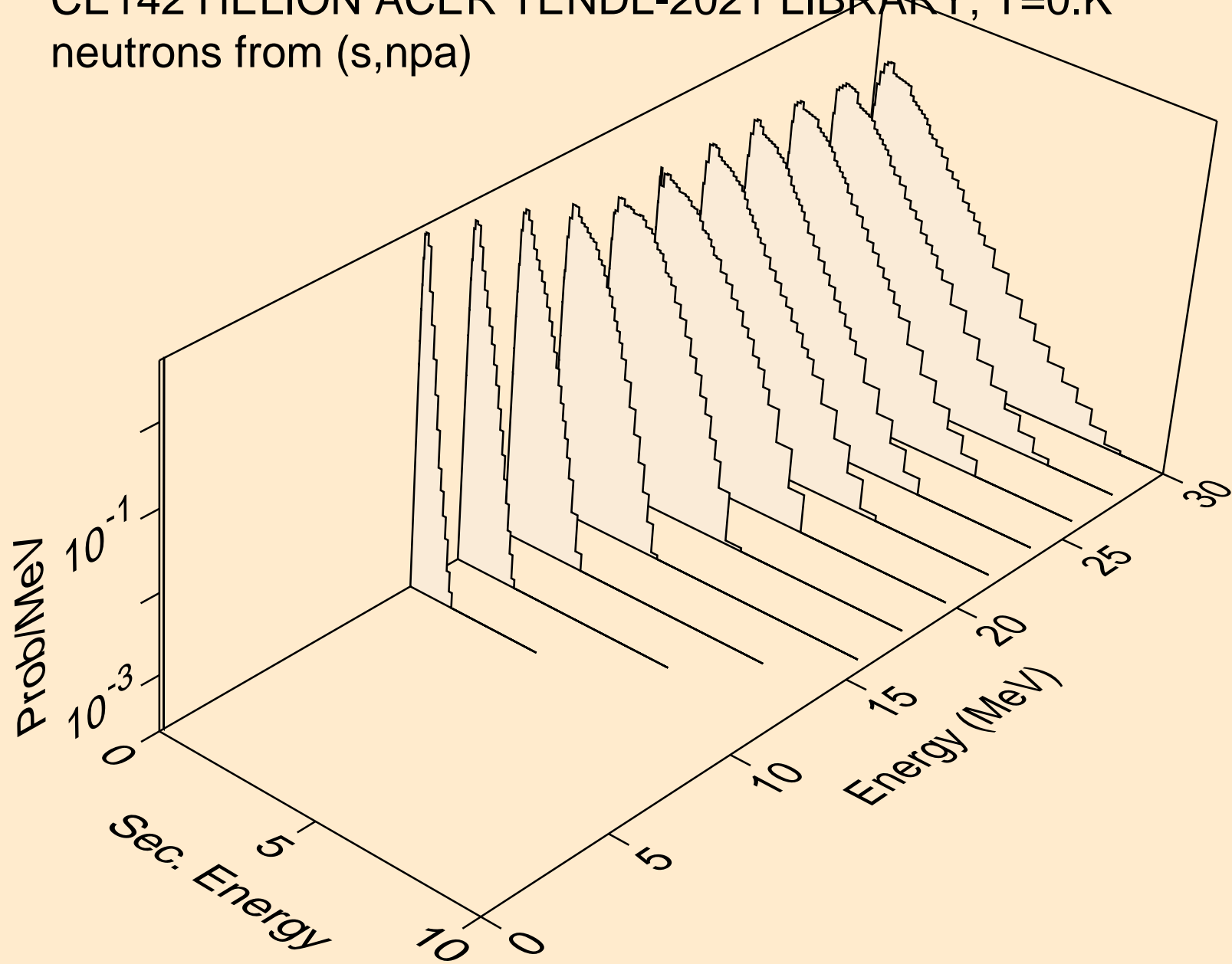
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neutrons from (s,3np)



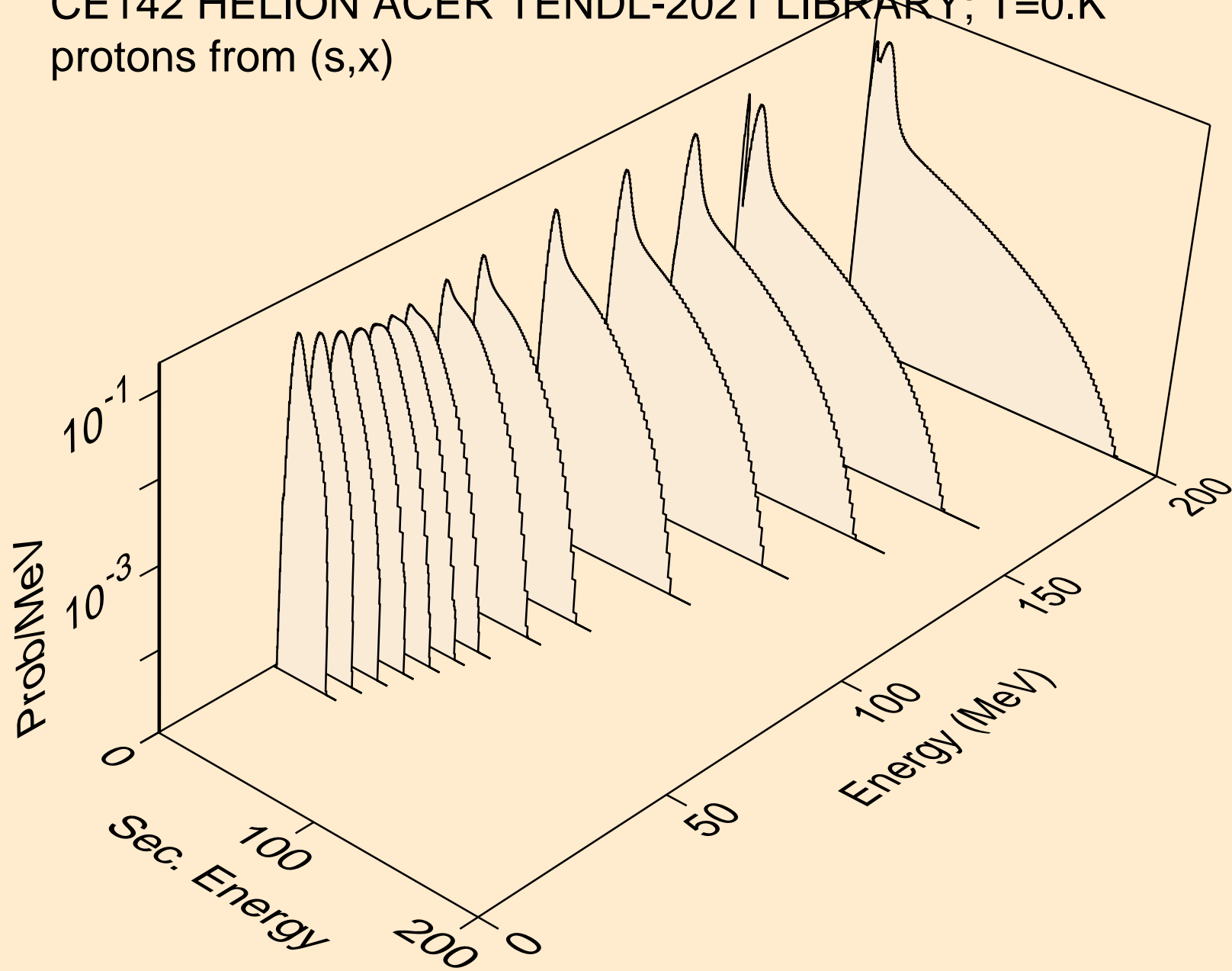
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neutrons from (s,2np)



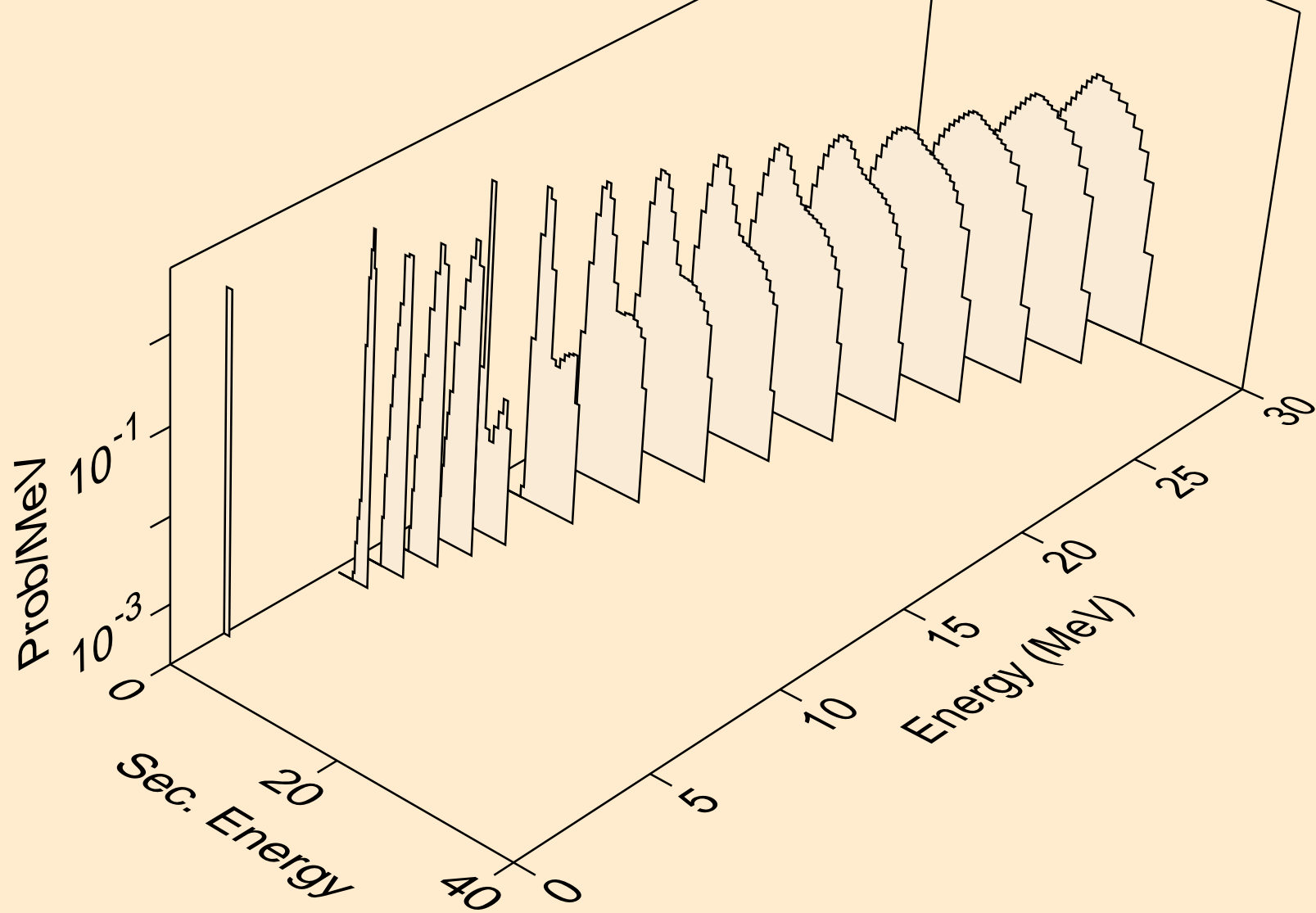
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



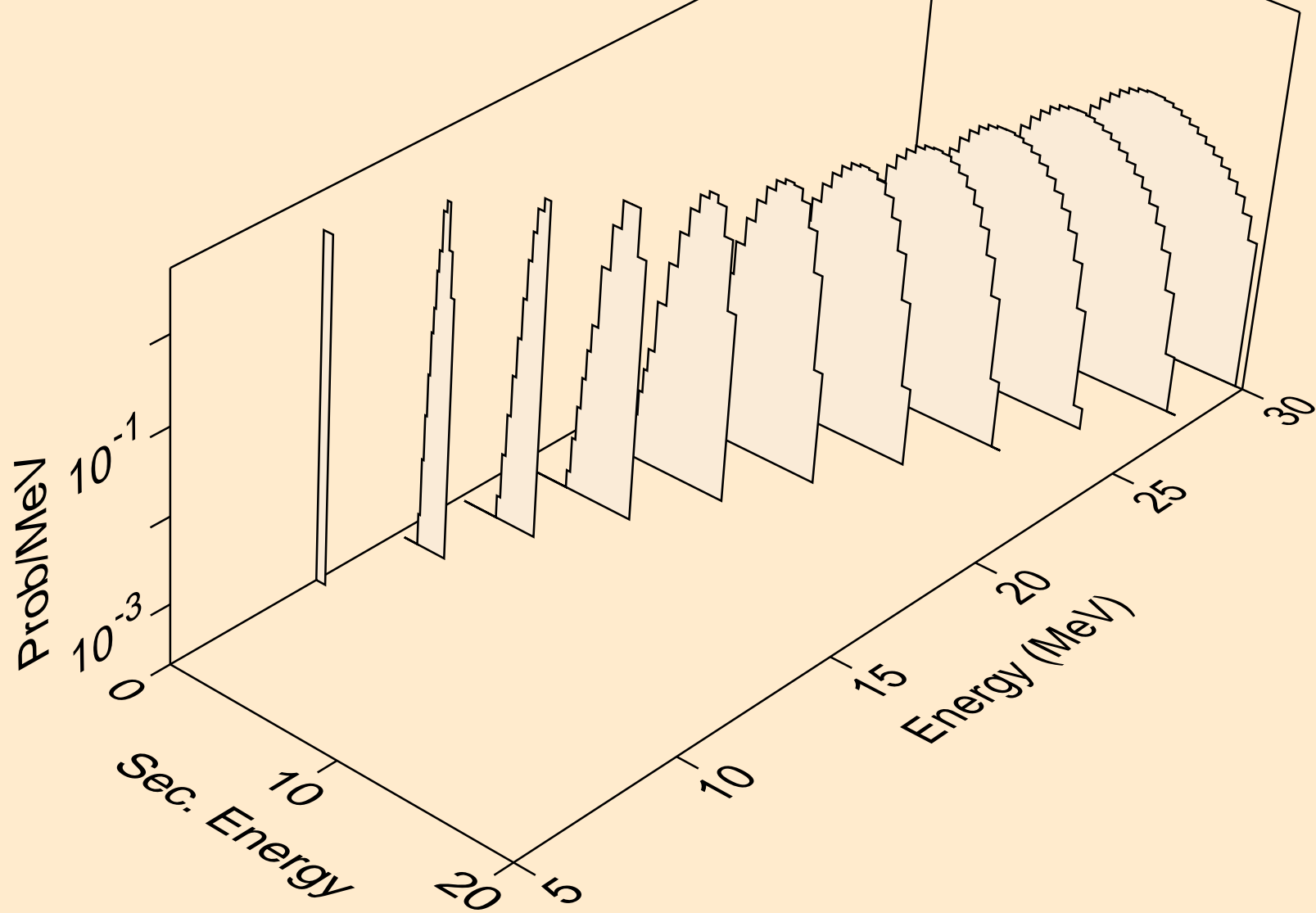
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protons from (s,x)



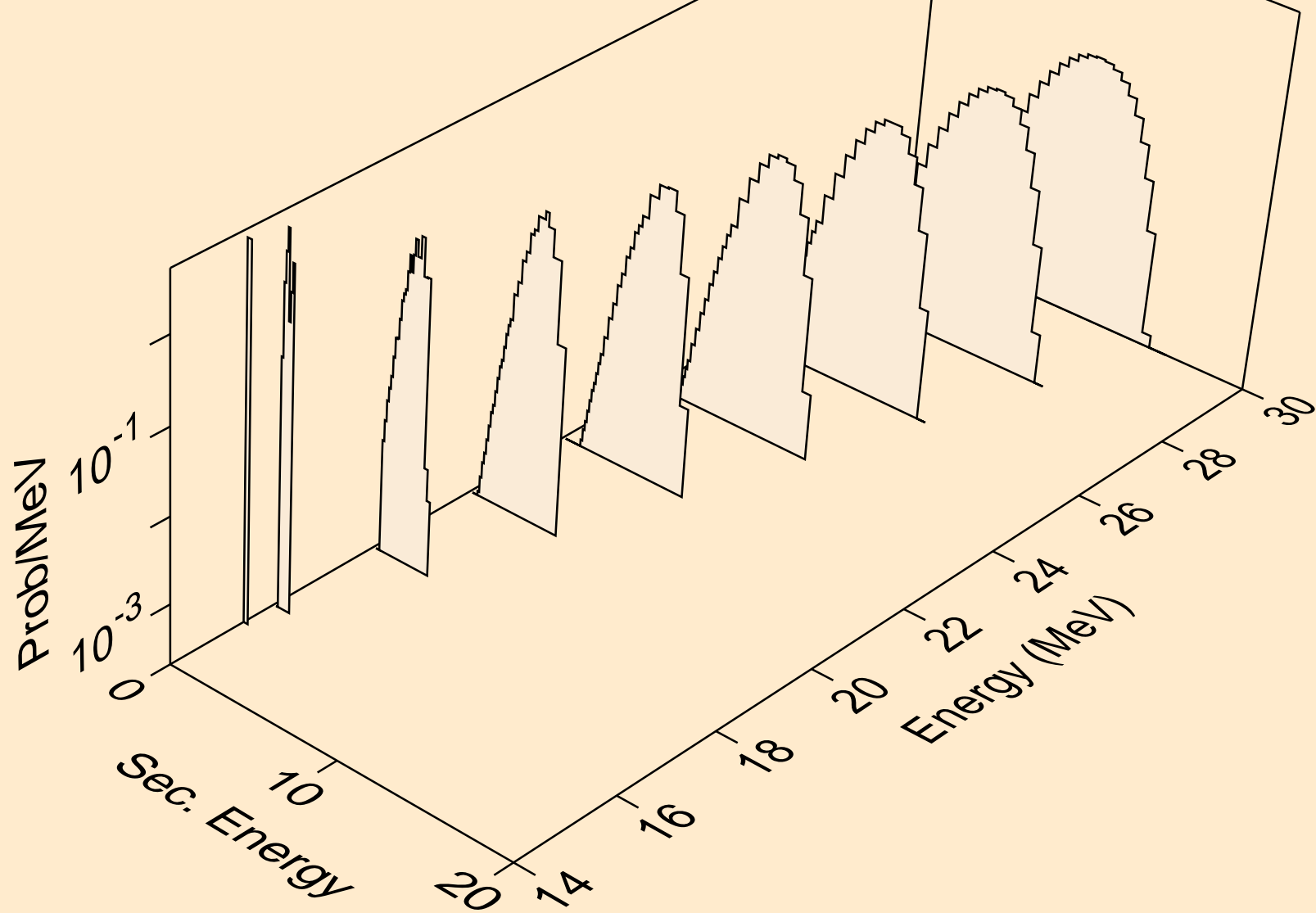
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

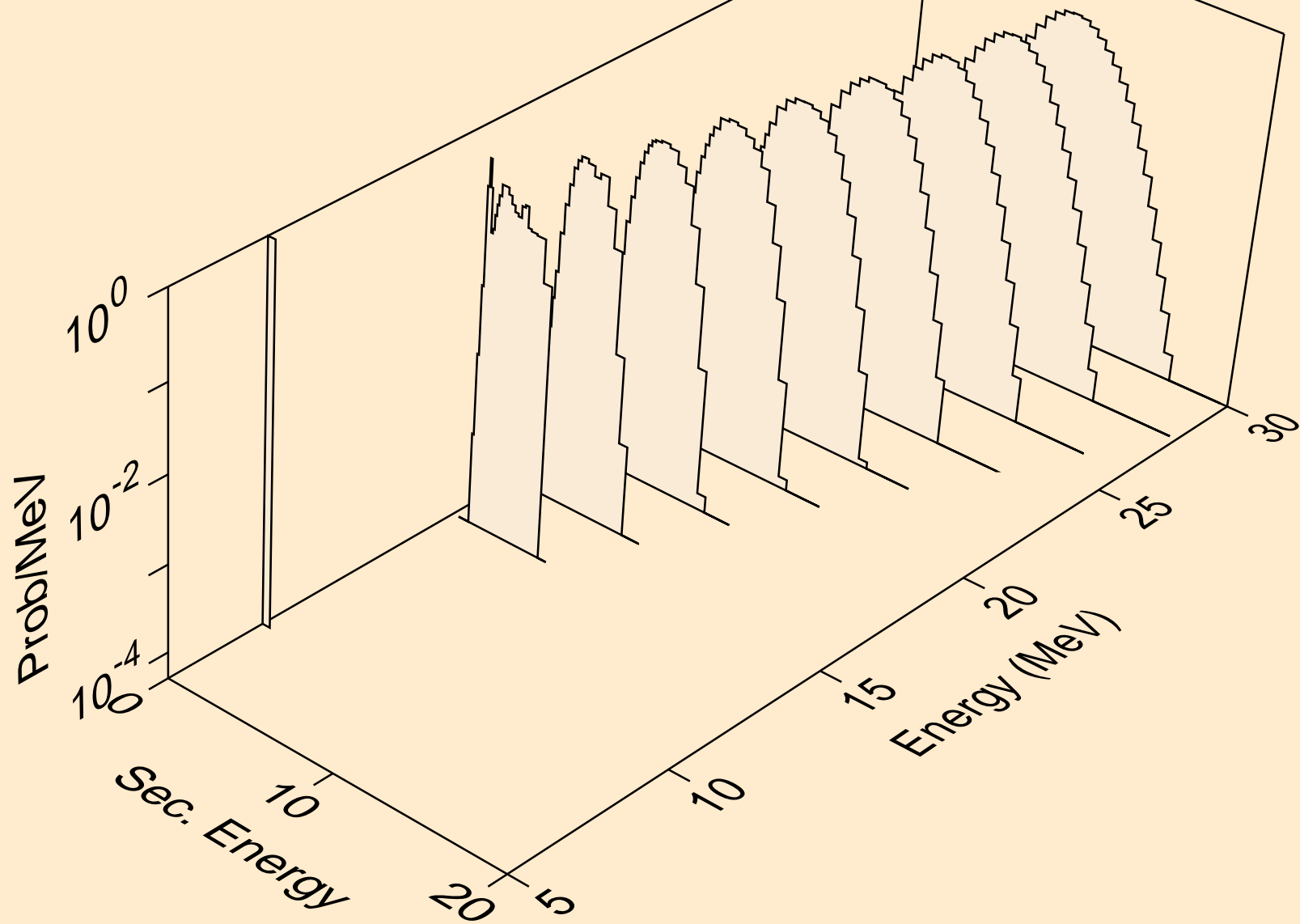


CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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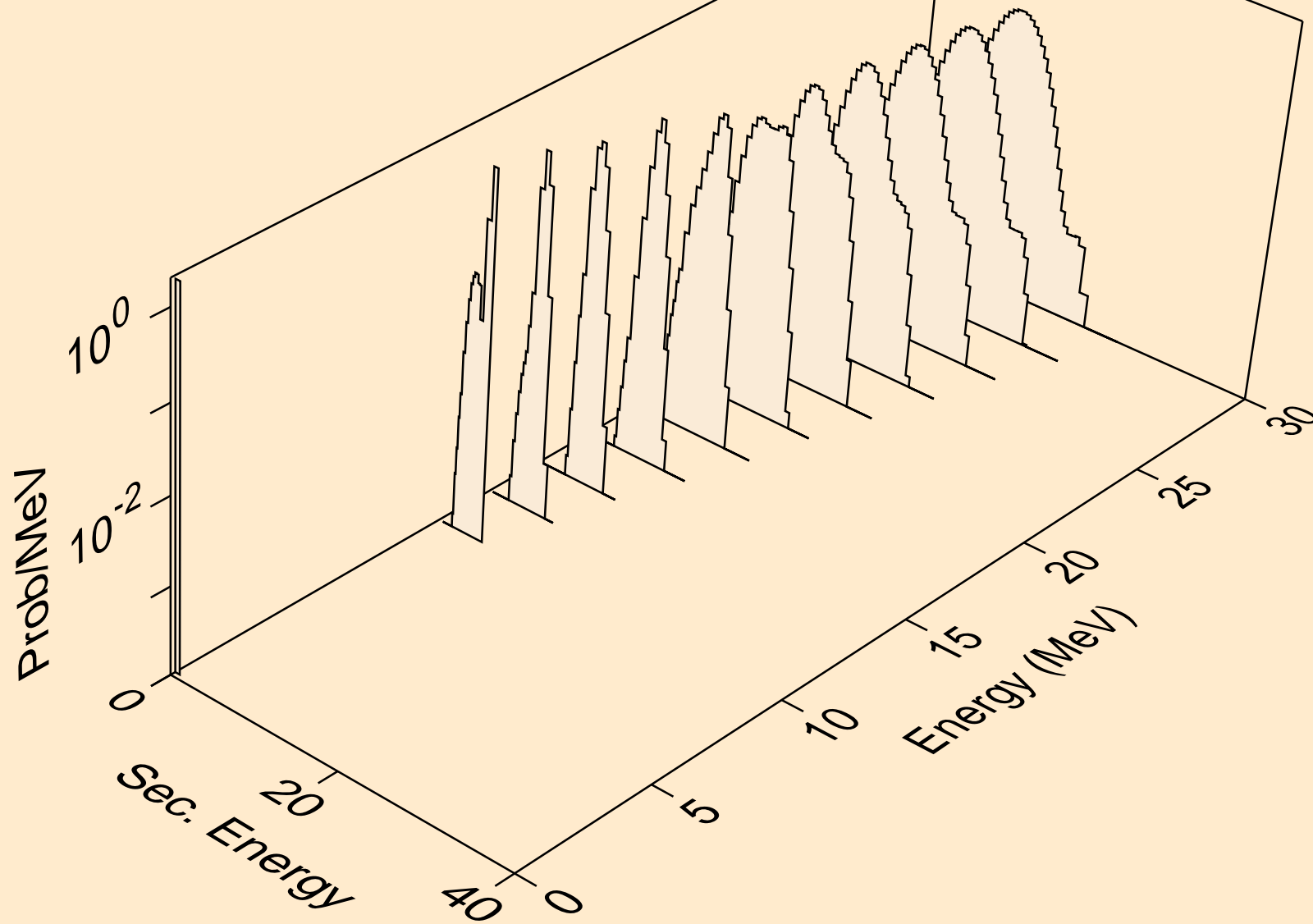




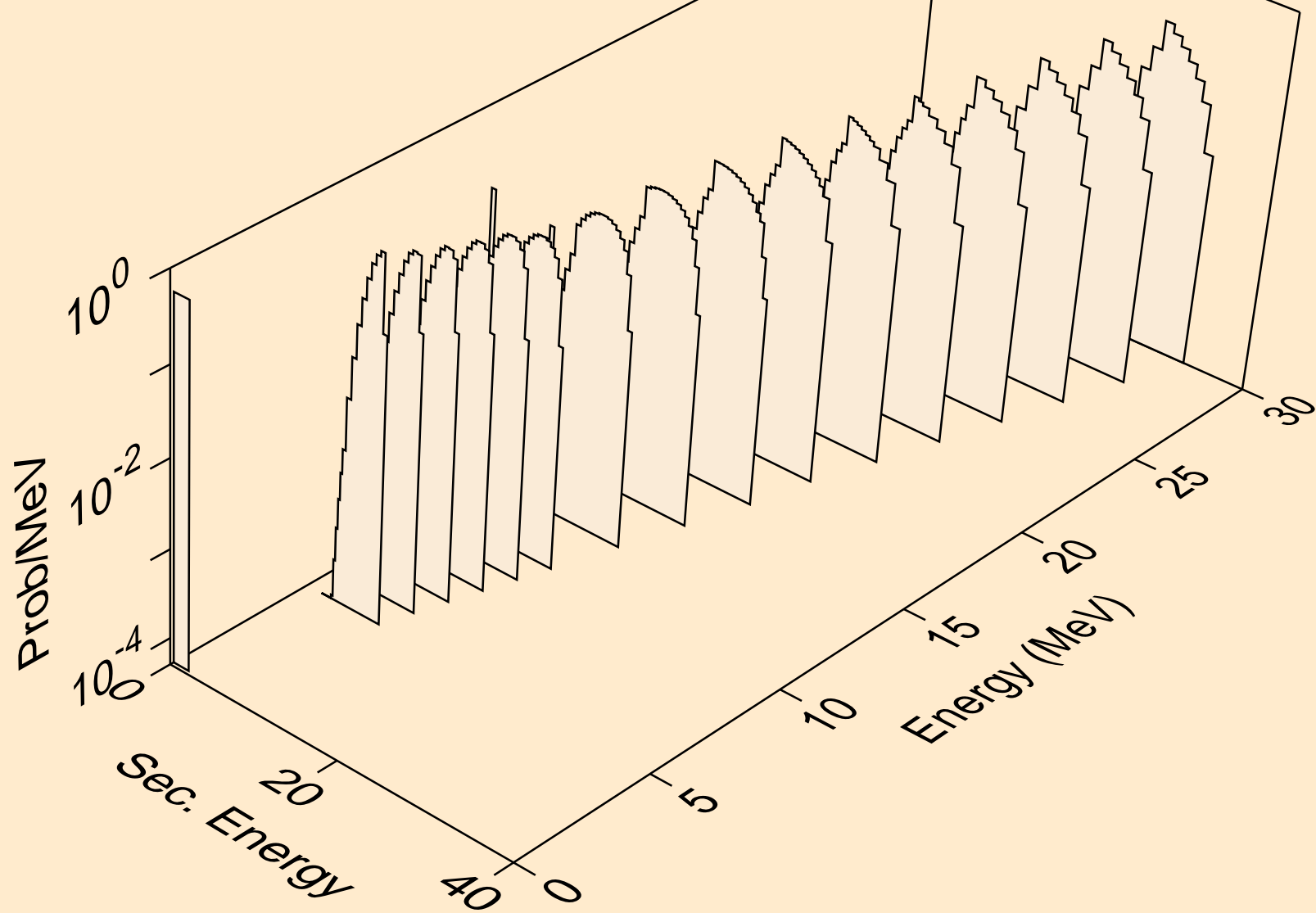
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protons from (s,2np)



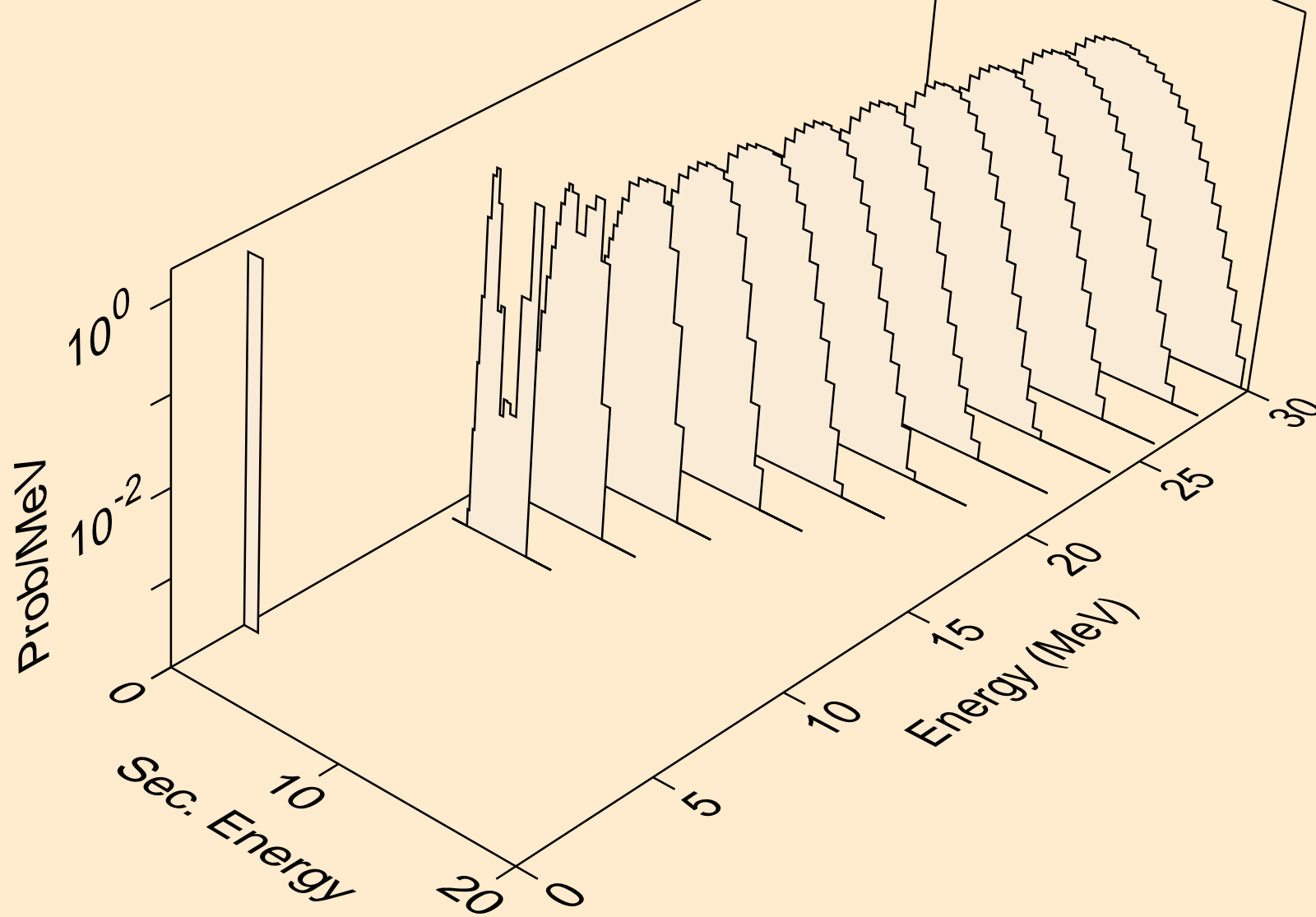
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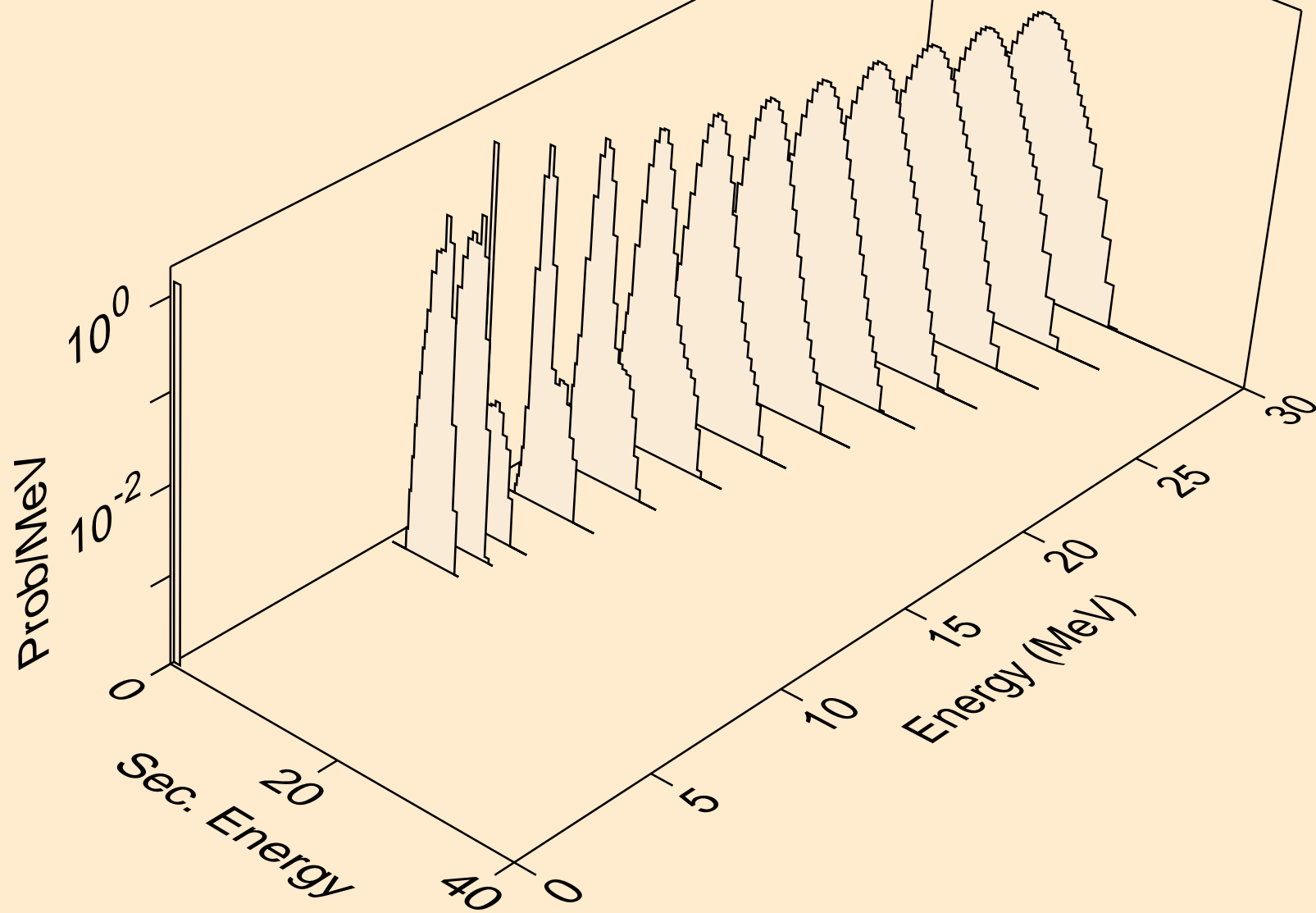
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protons from (s,p)



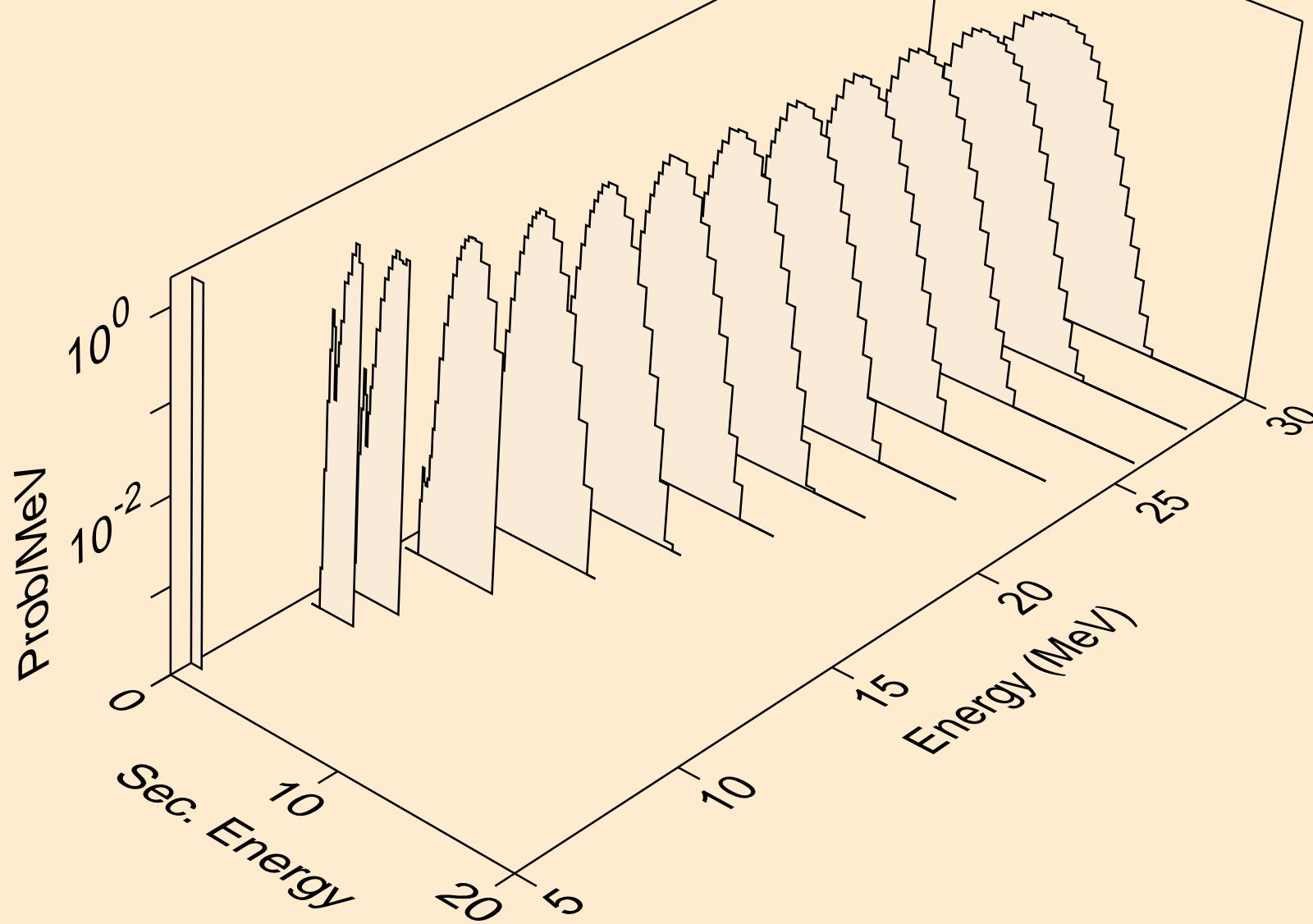
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protons from (s,2p)



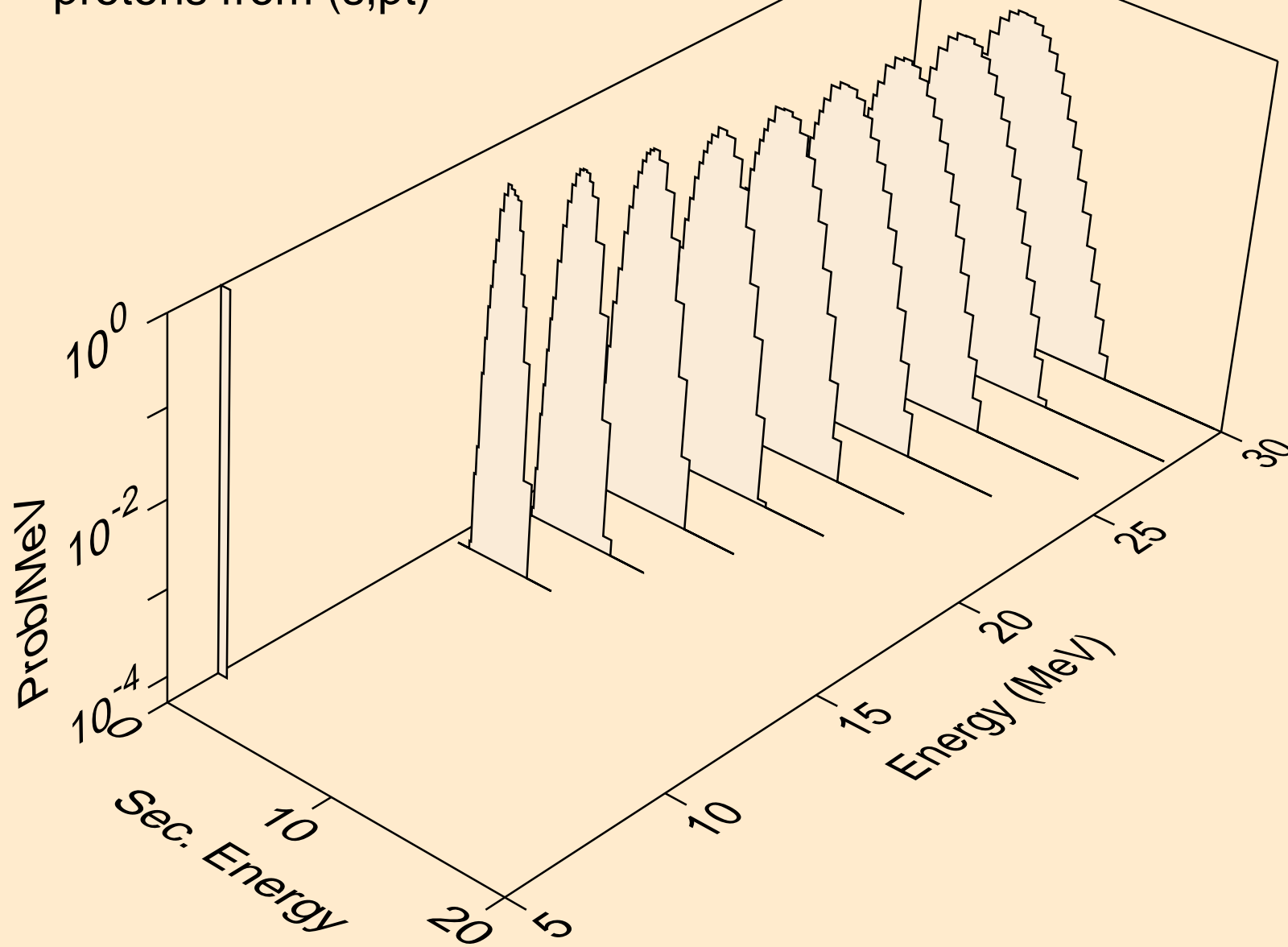
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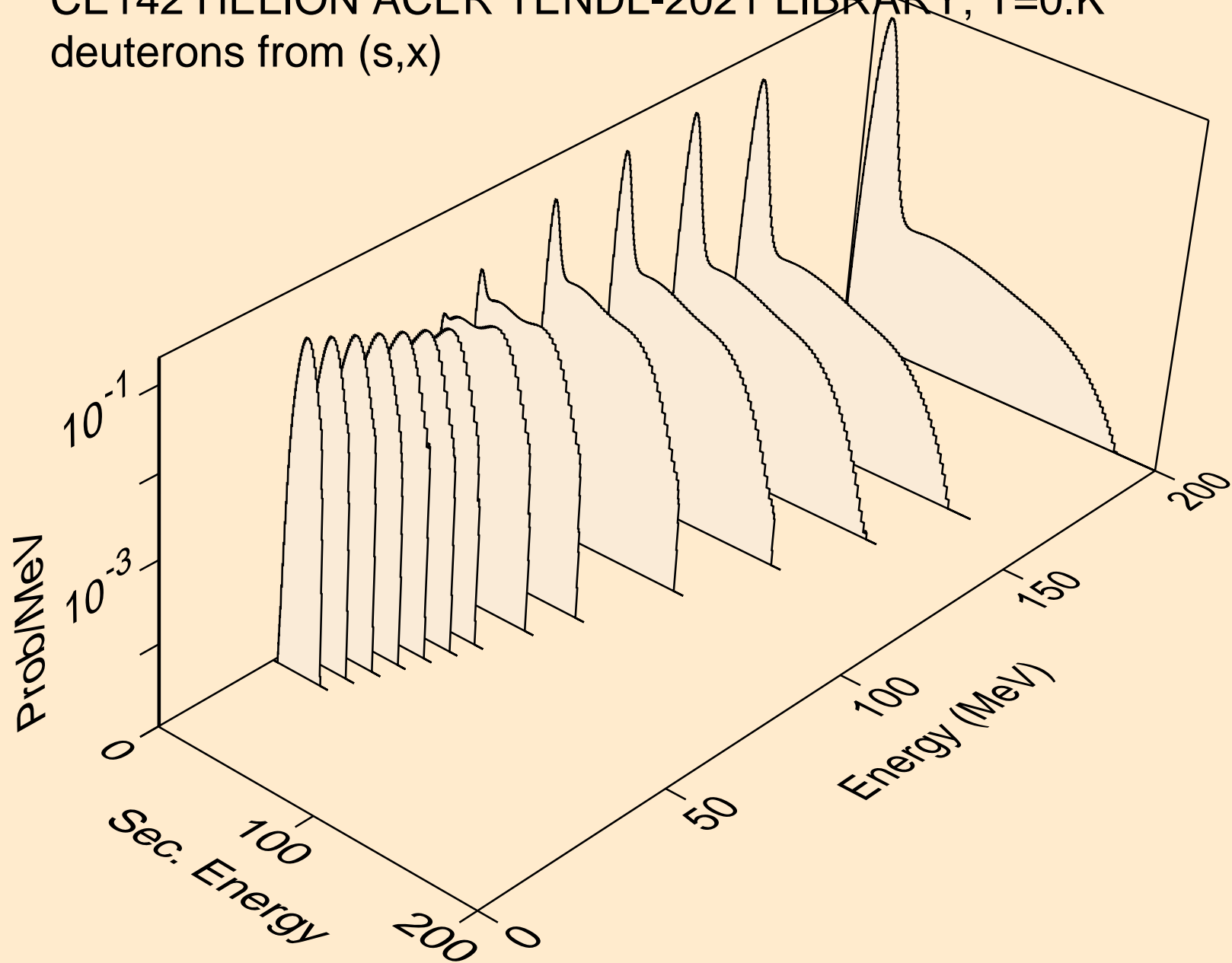
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

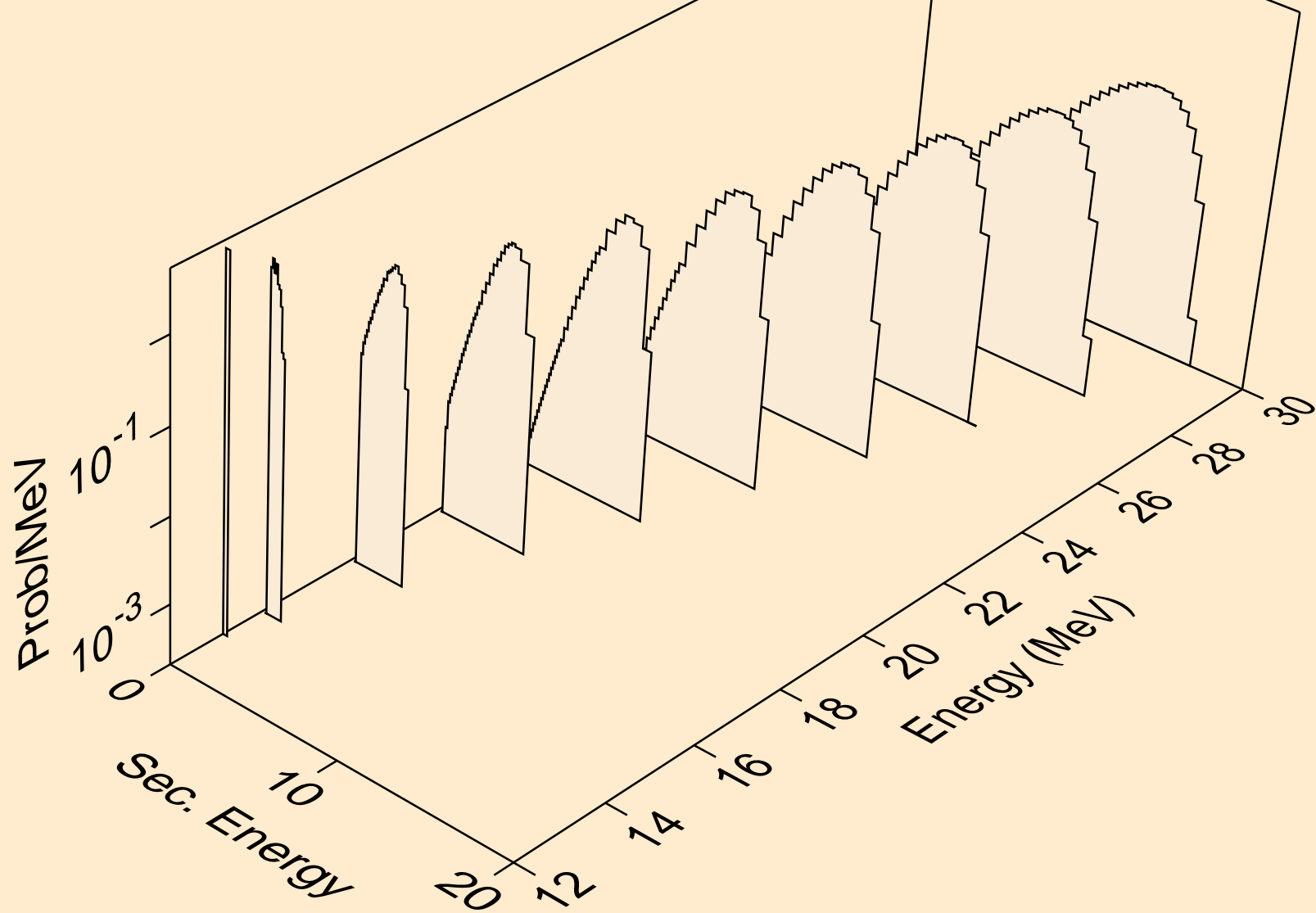


CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)

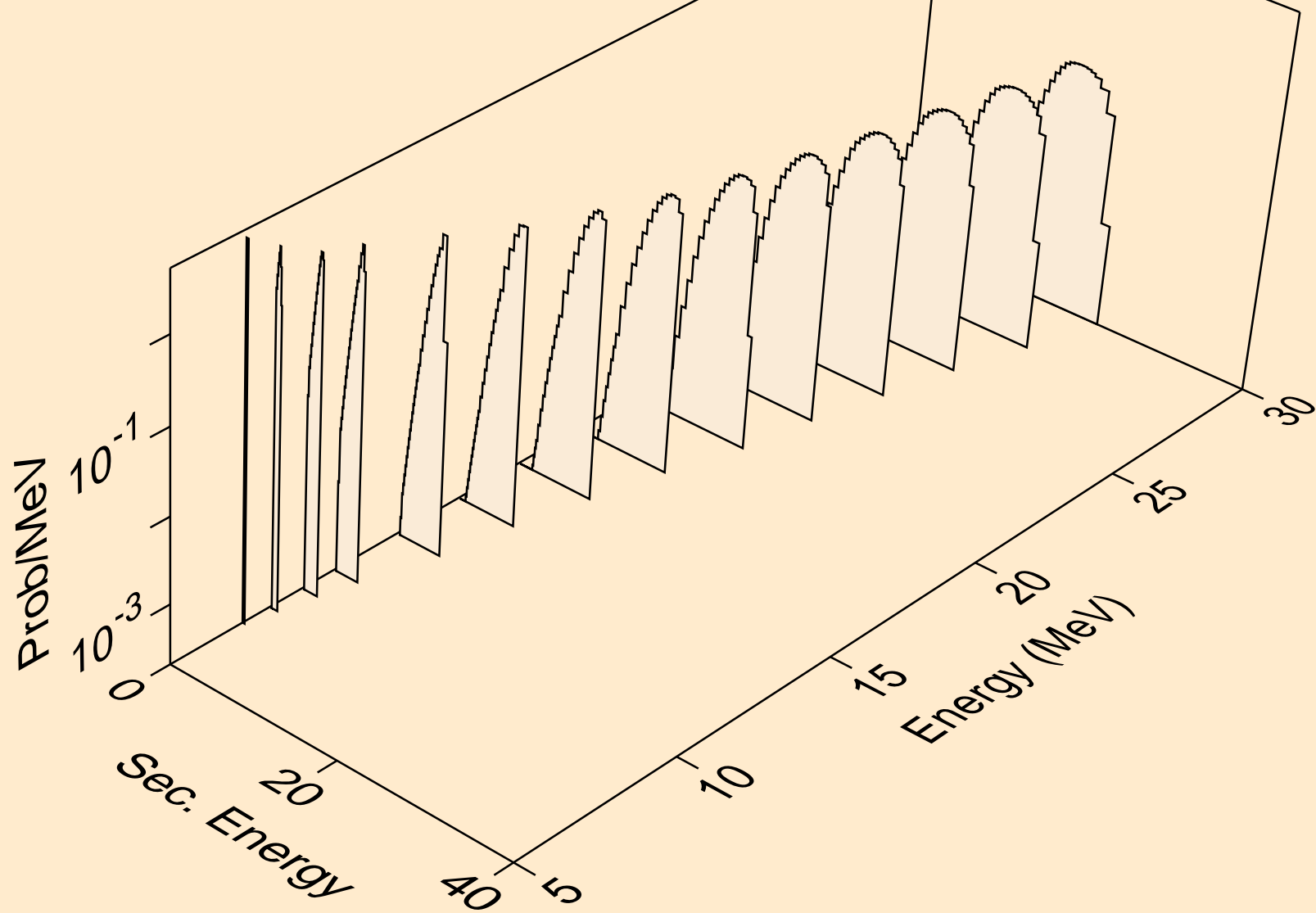




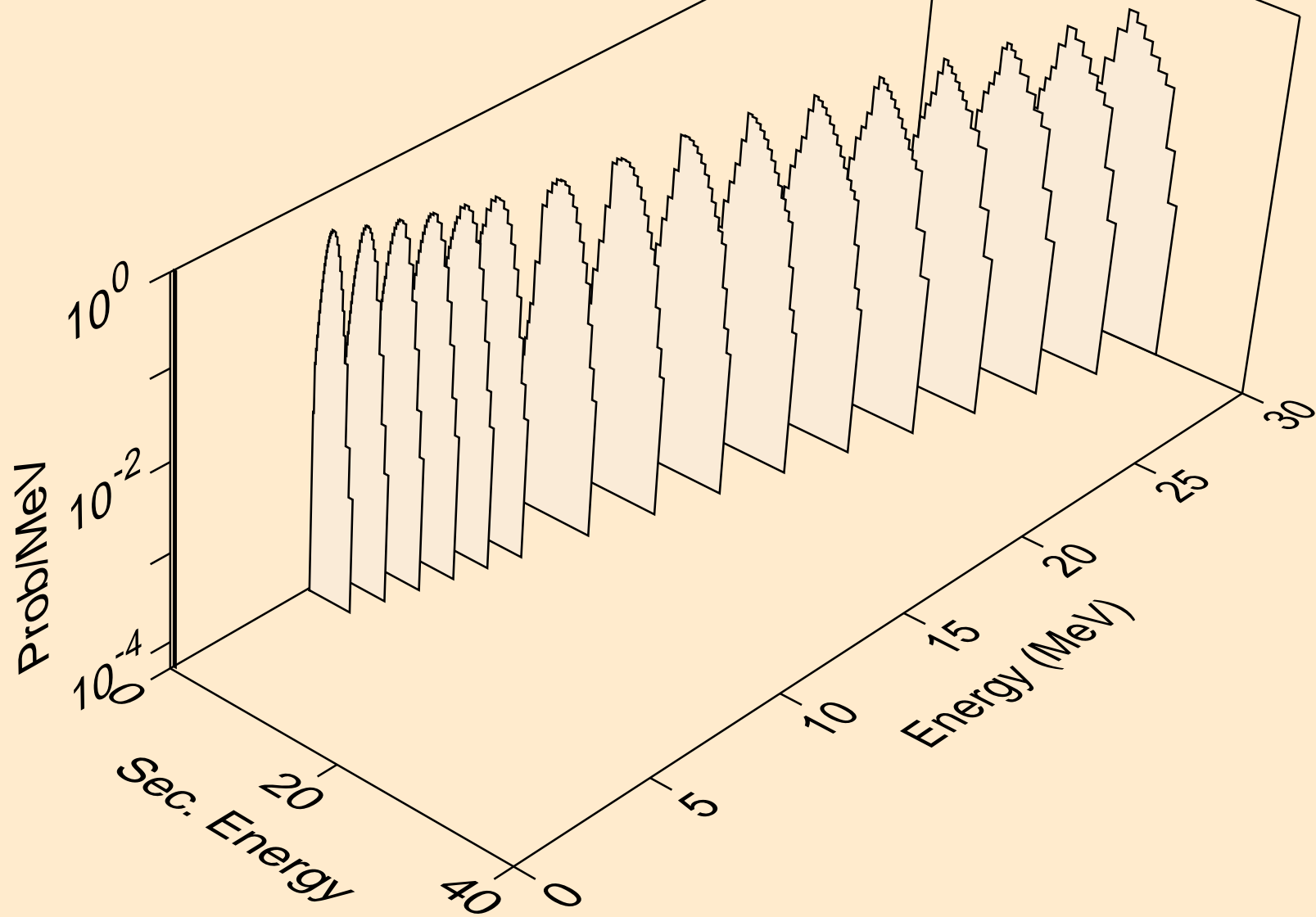
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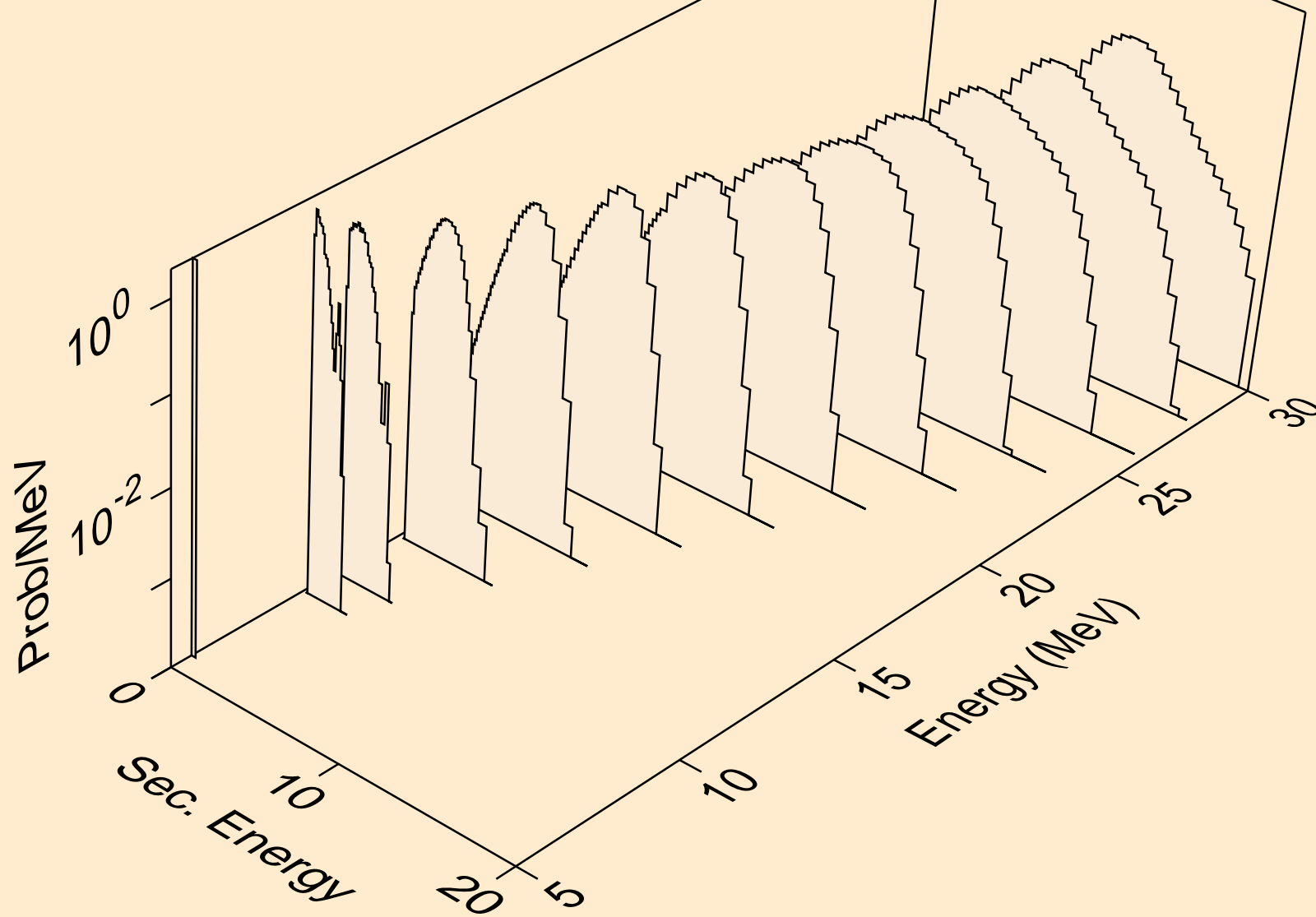
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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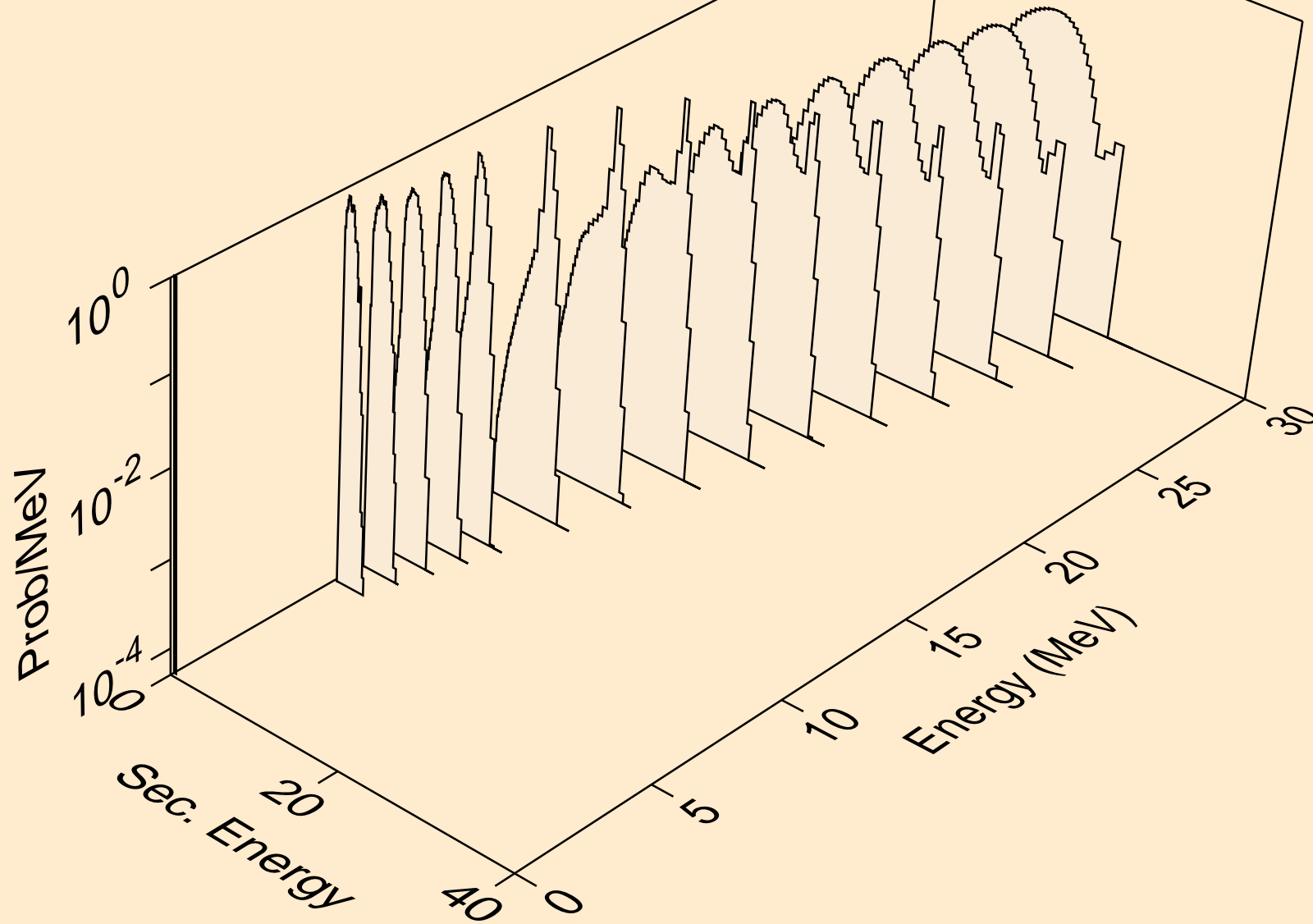
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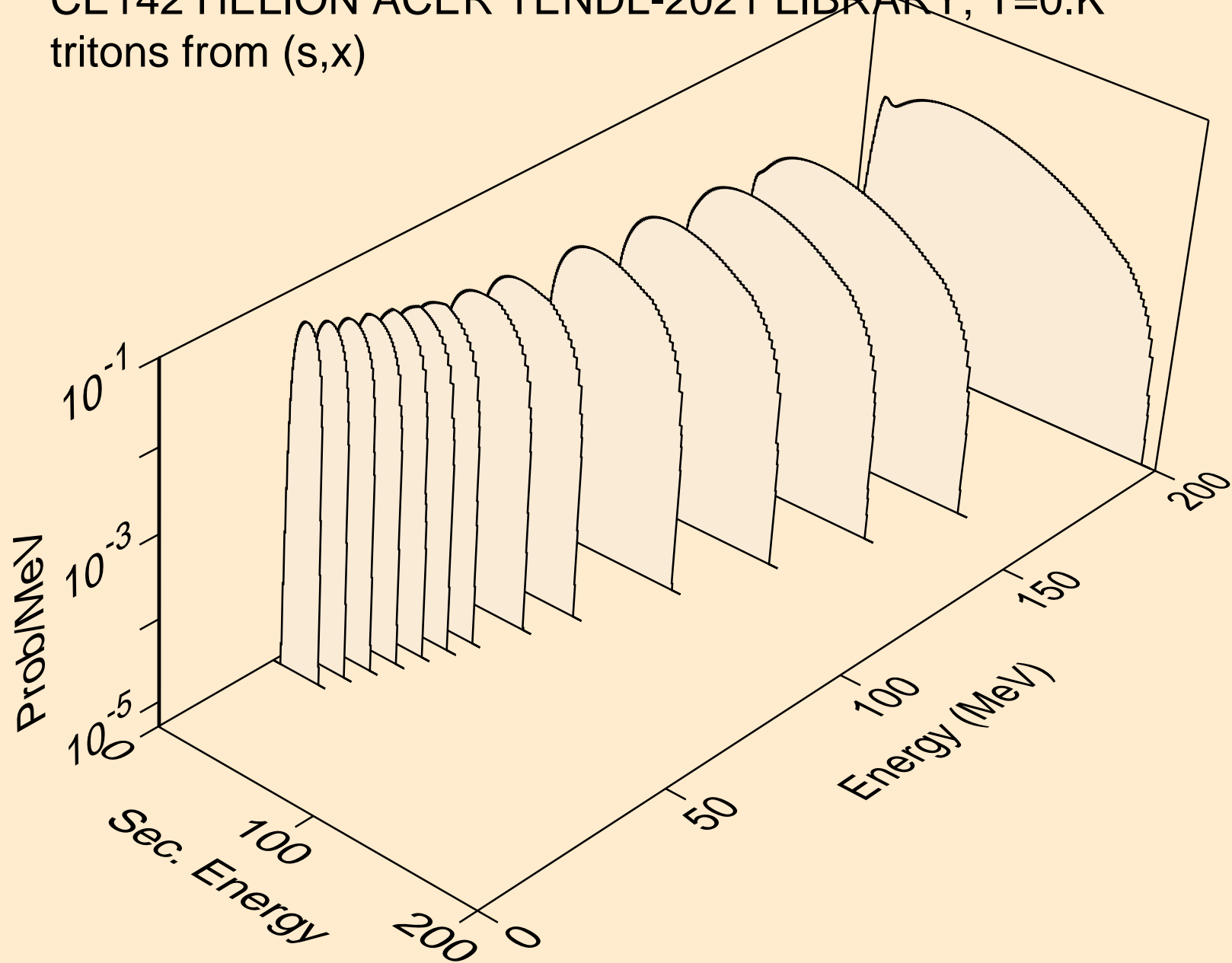
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



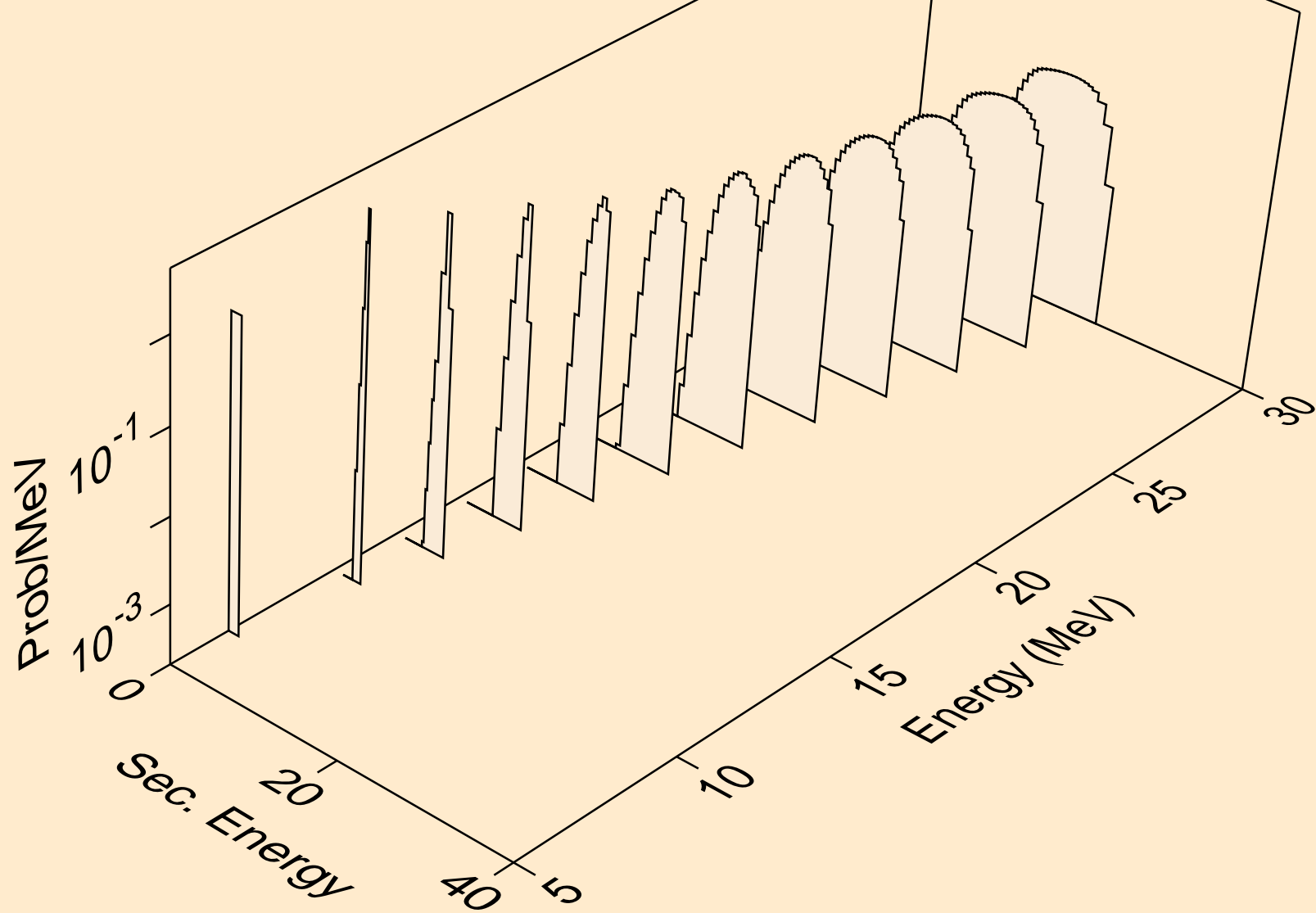
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



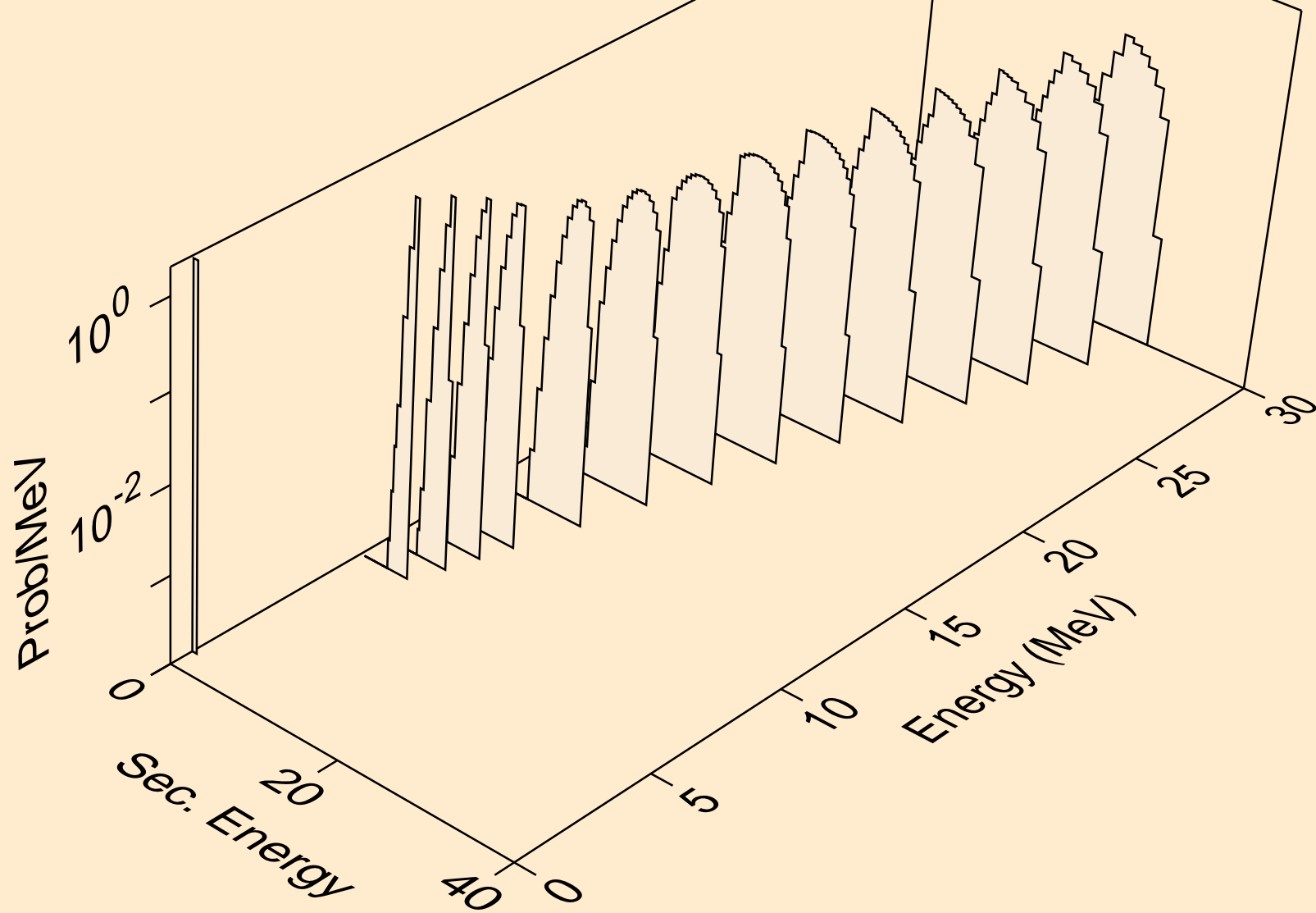
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

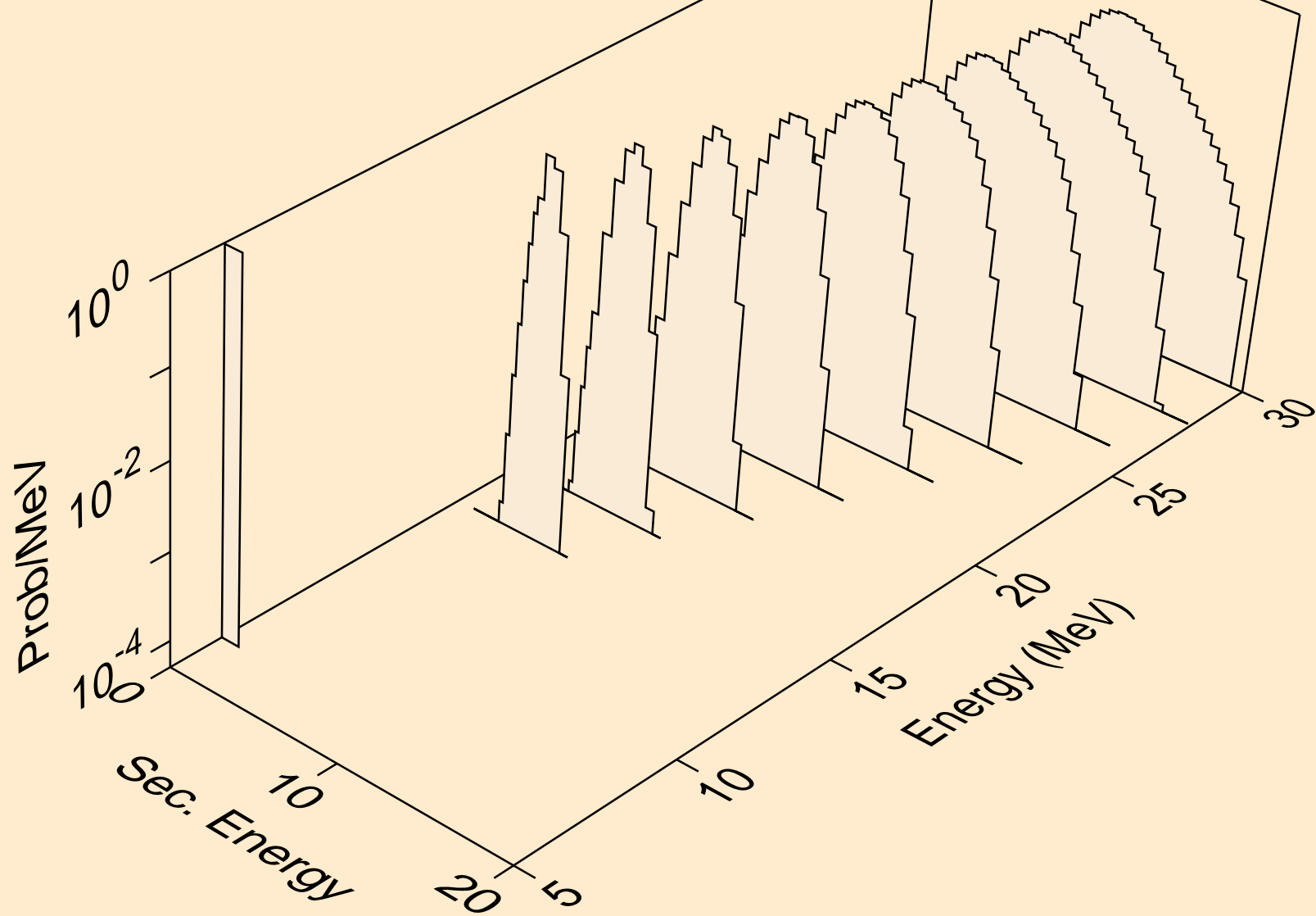


CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

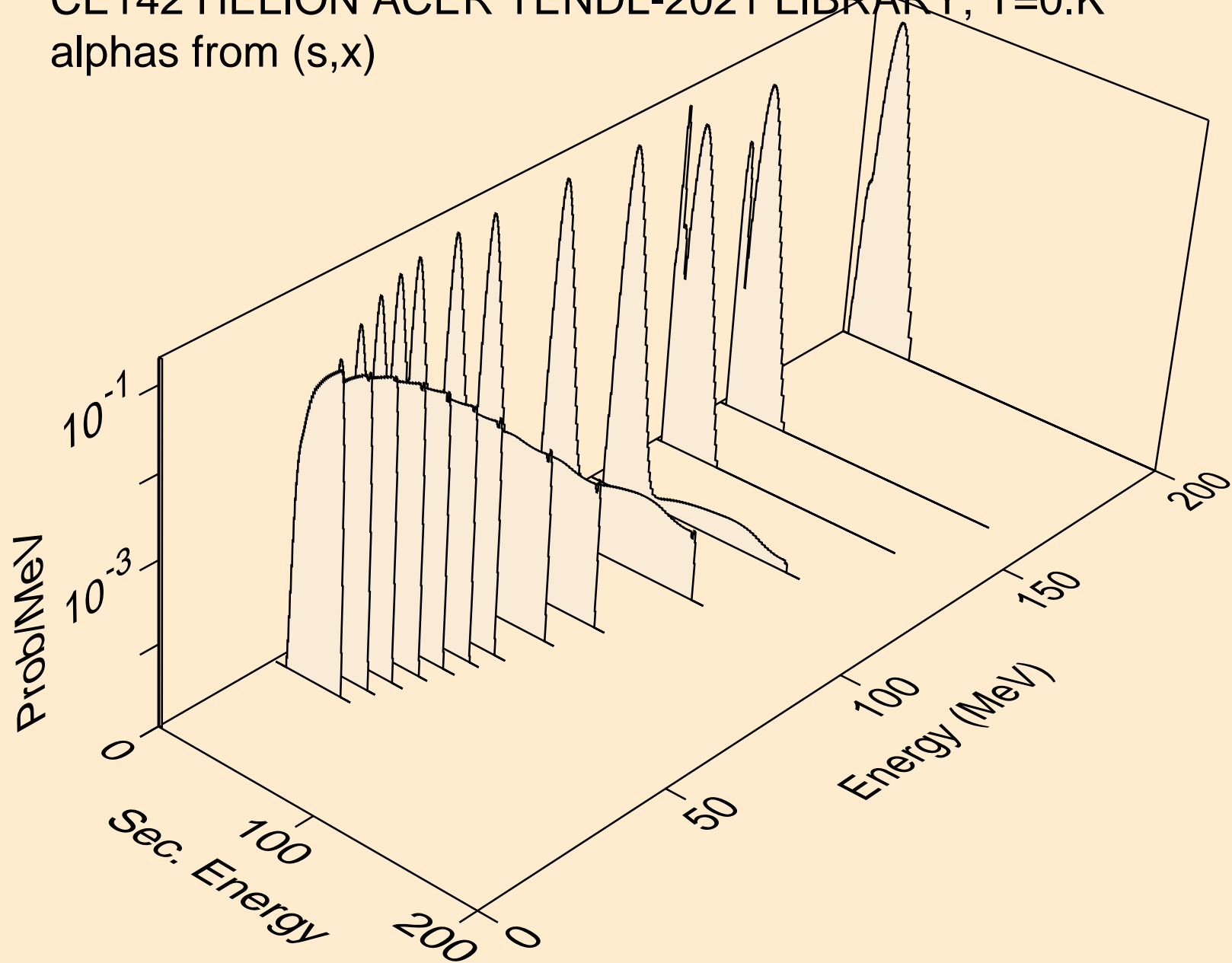




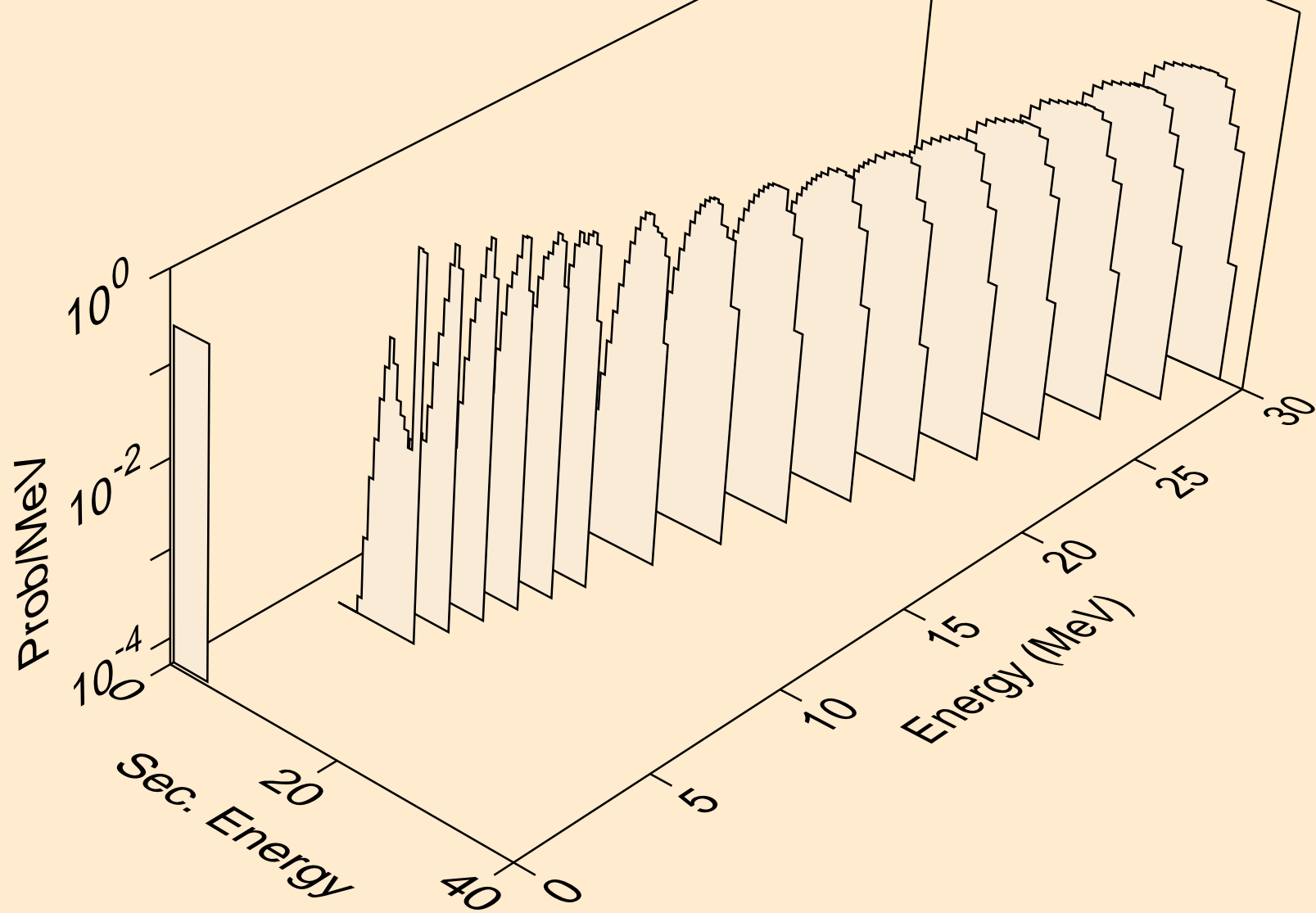
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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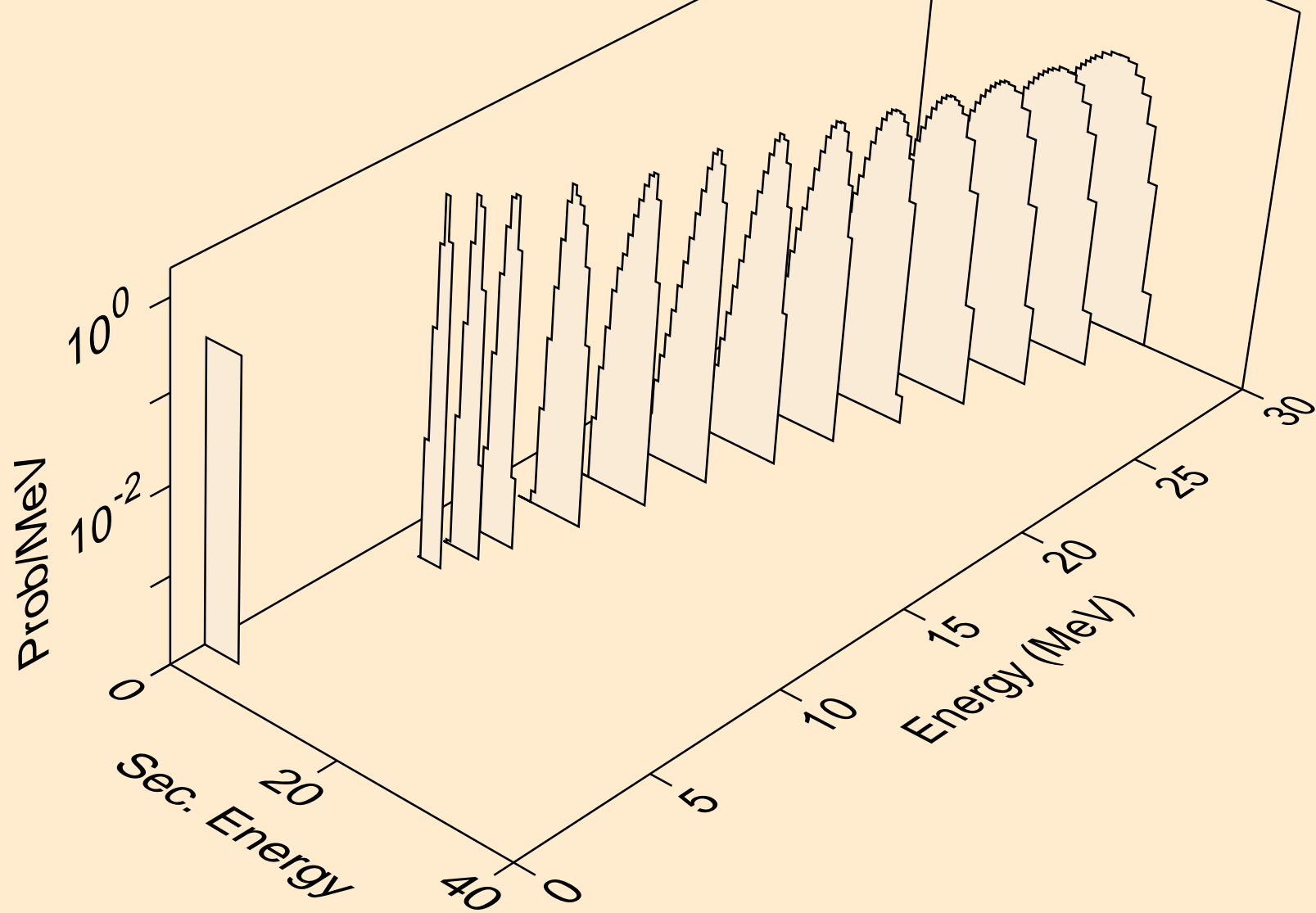
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



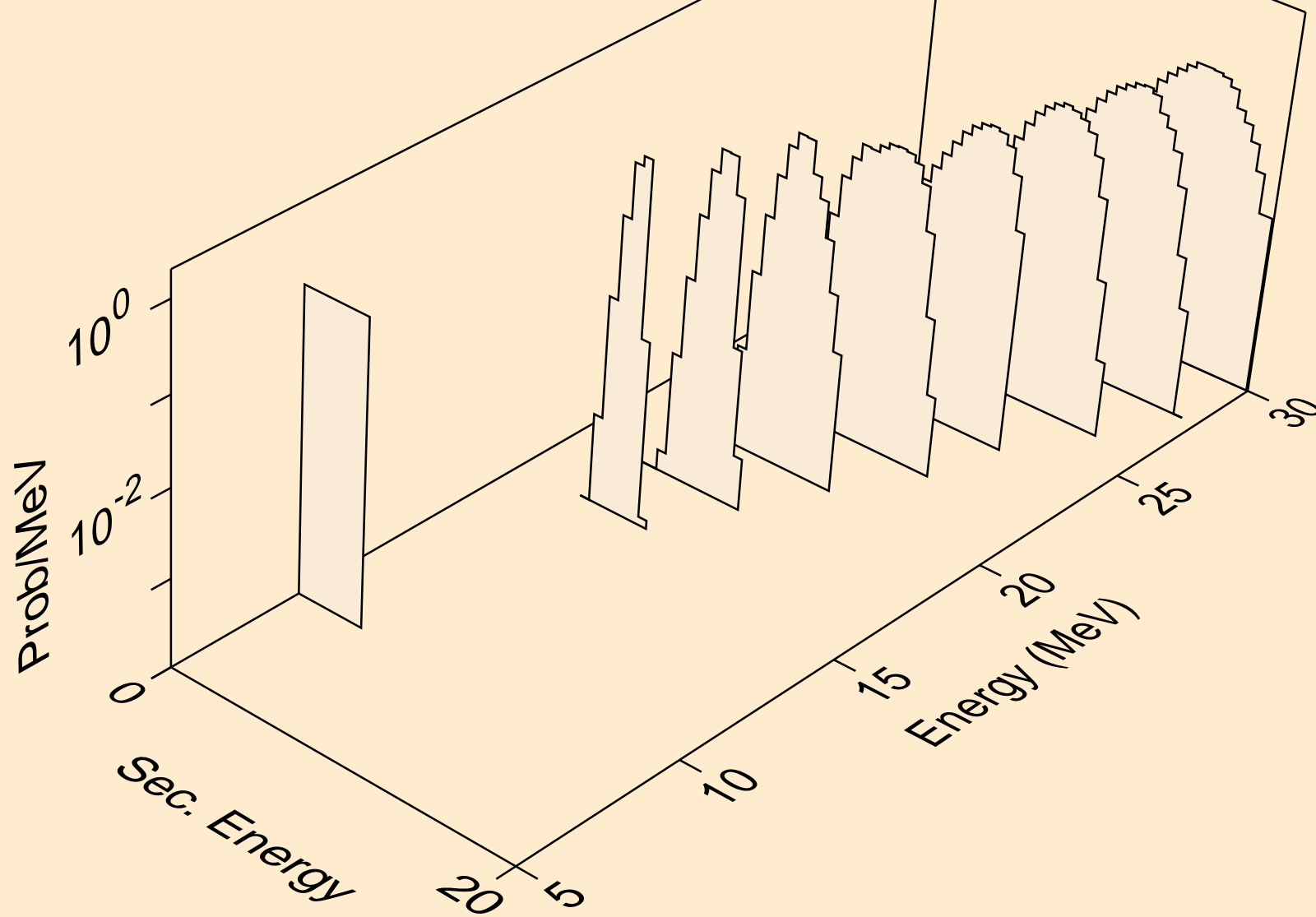
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



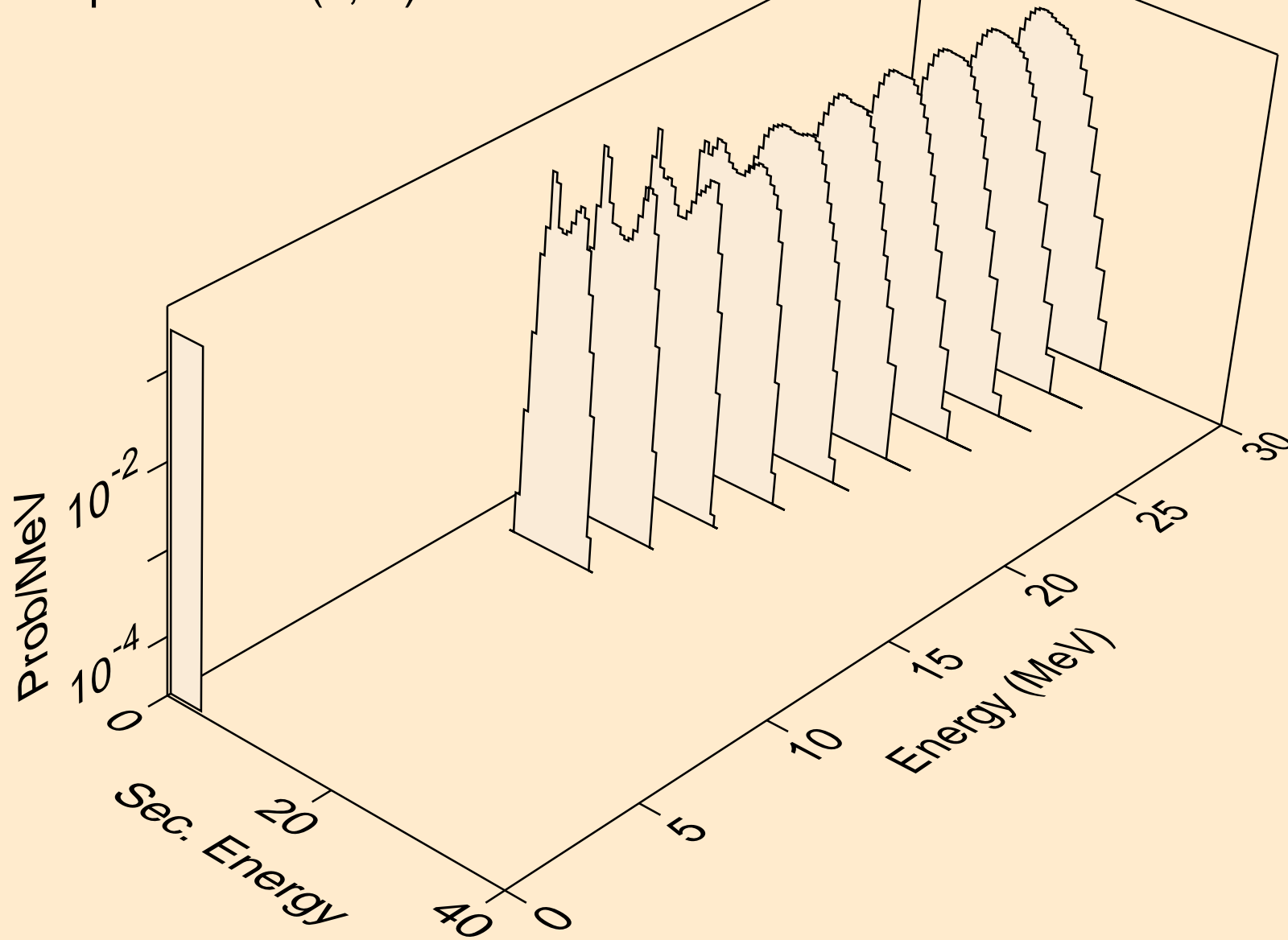
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



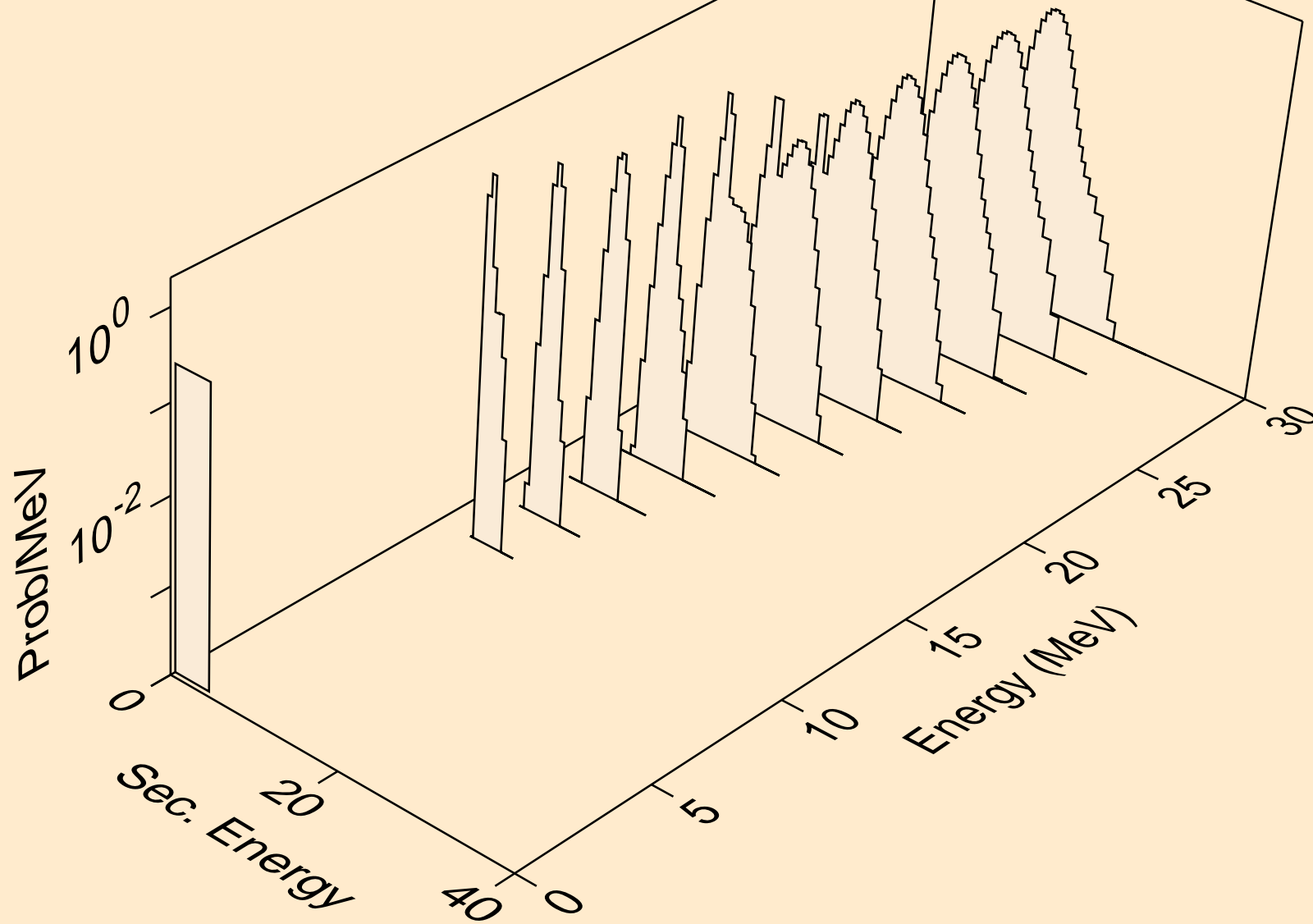
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



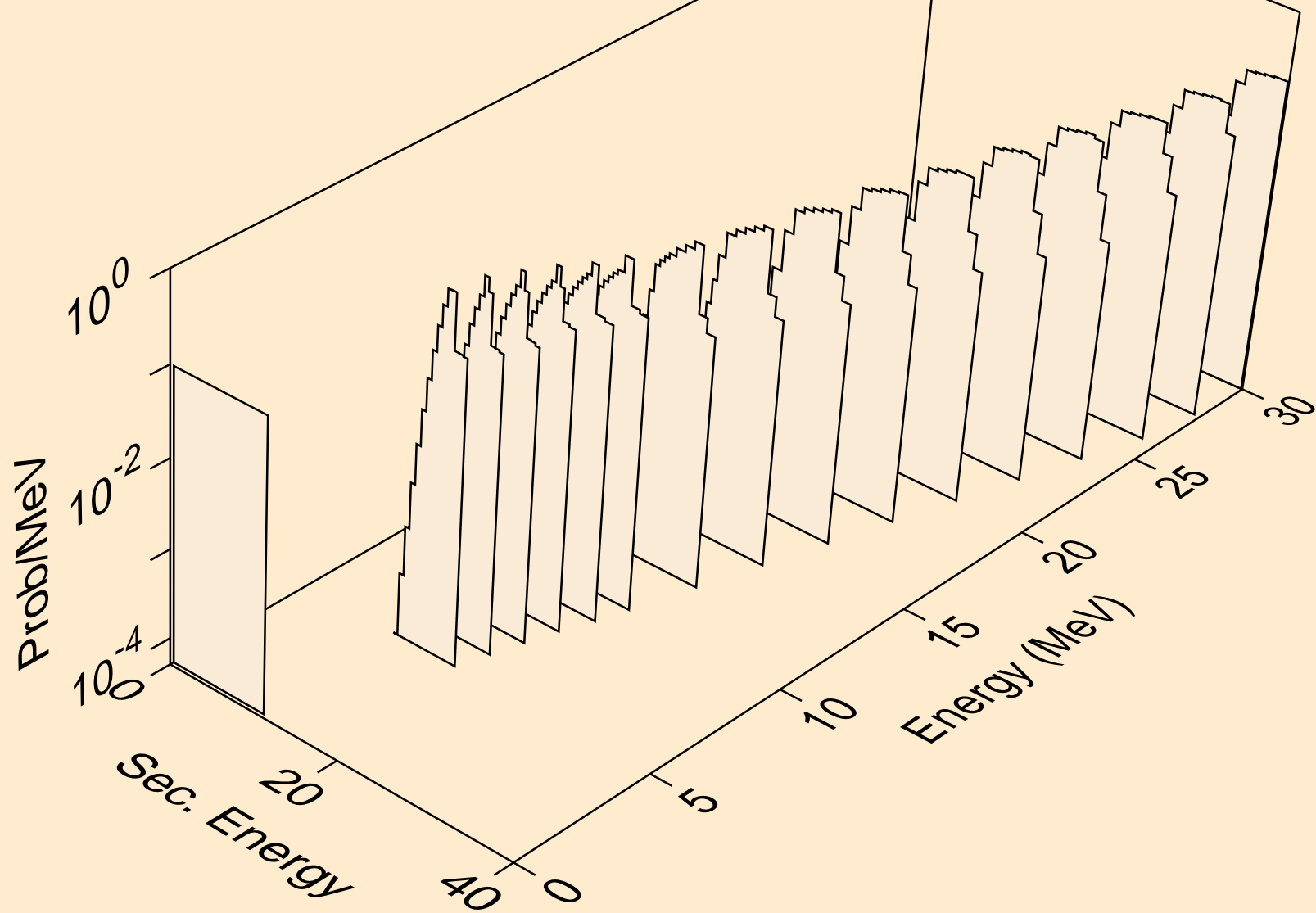
CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)

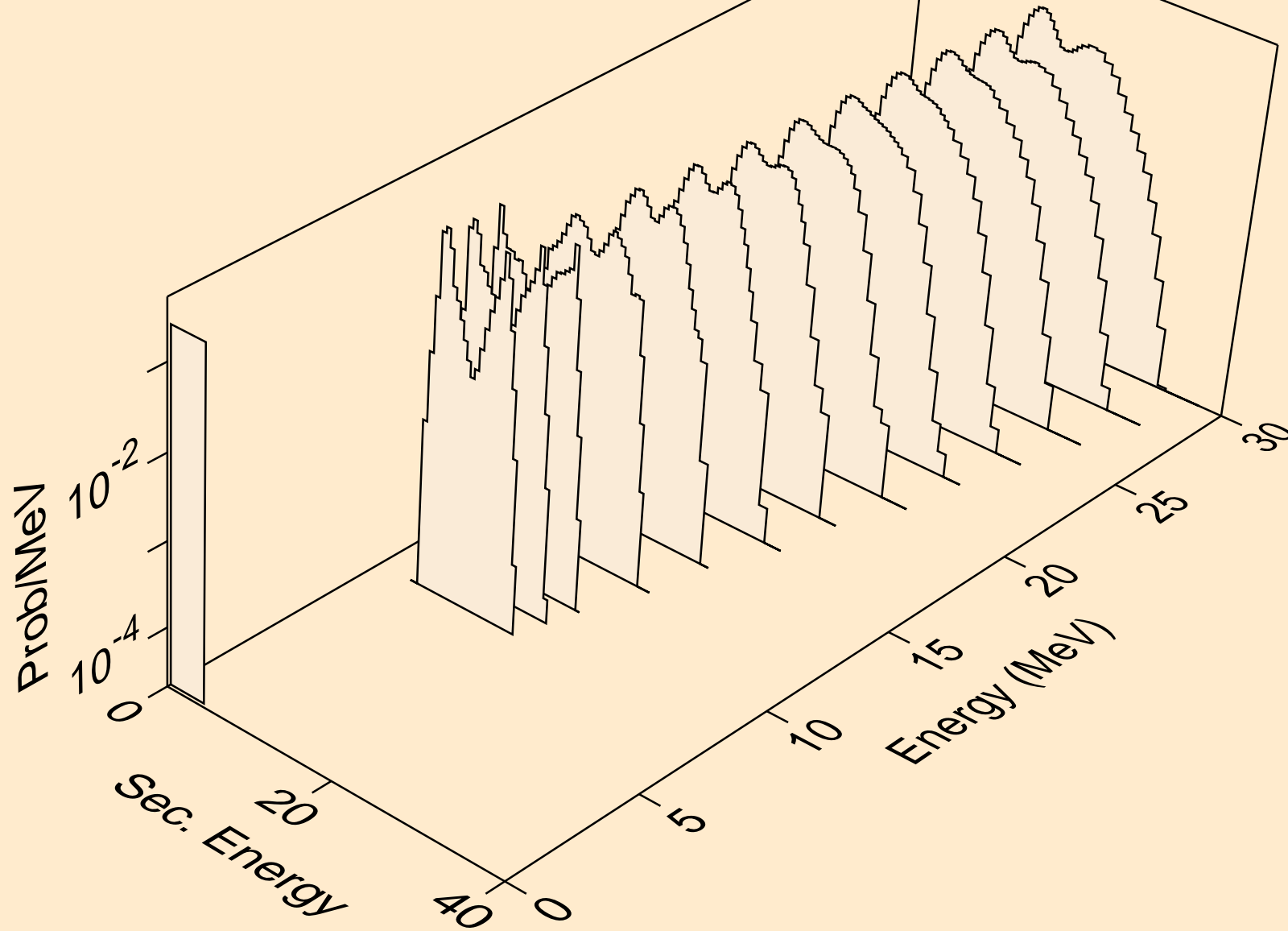


CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

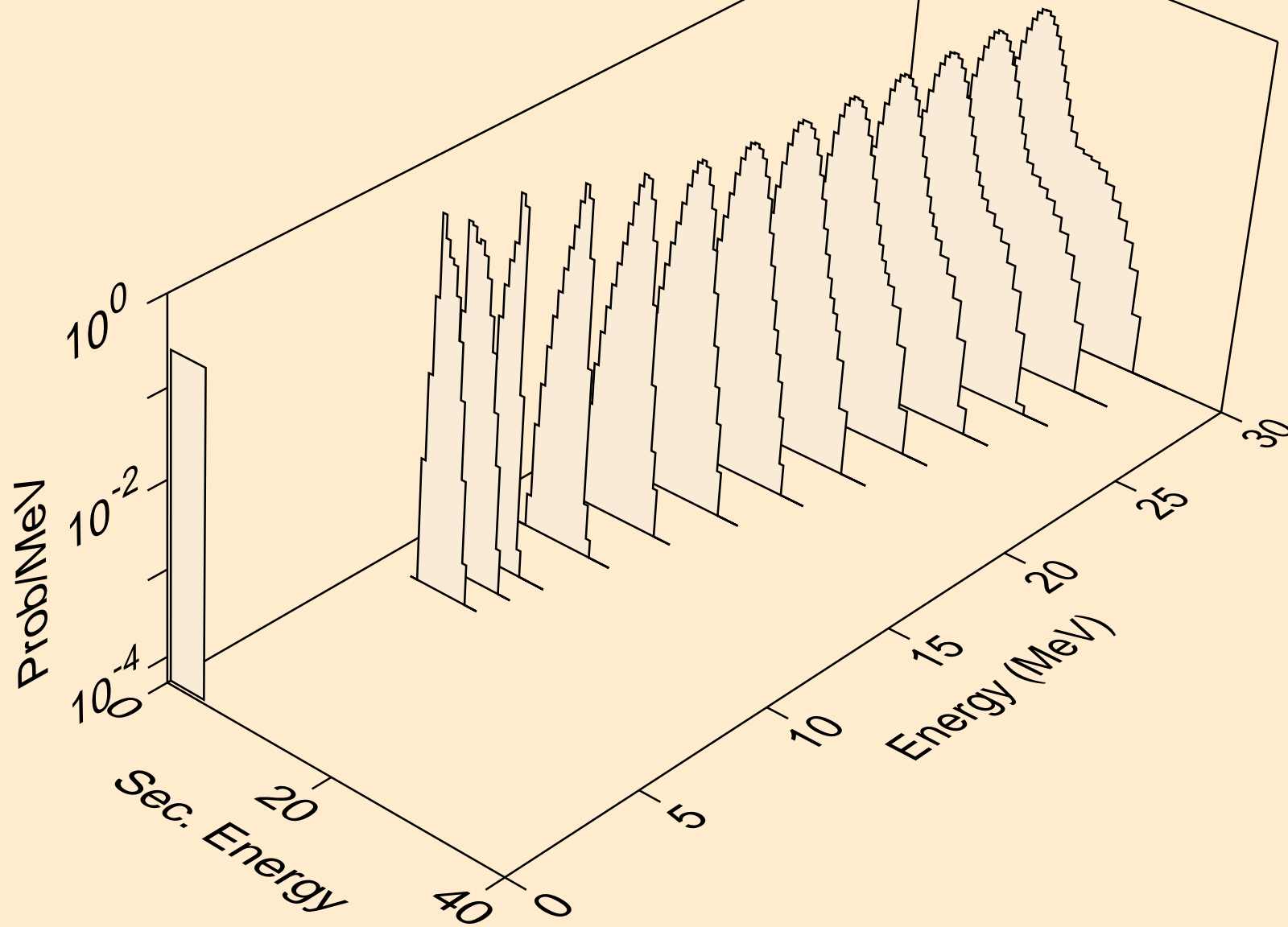




CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



CE142 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

