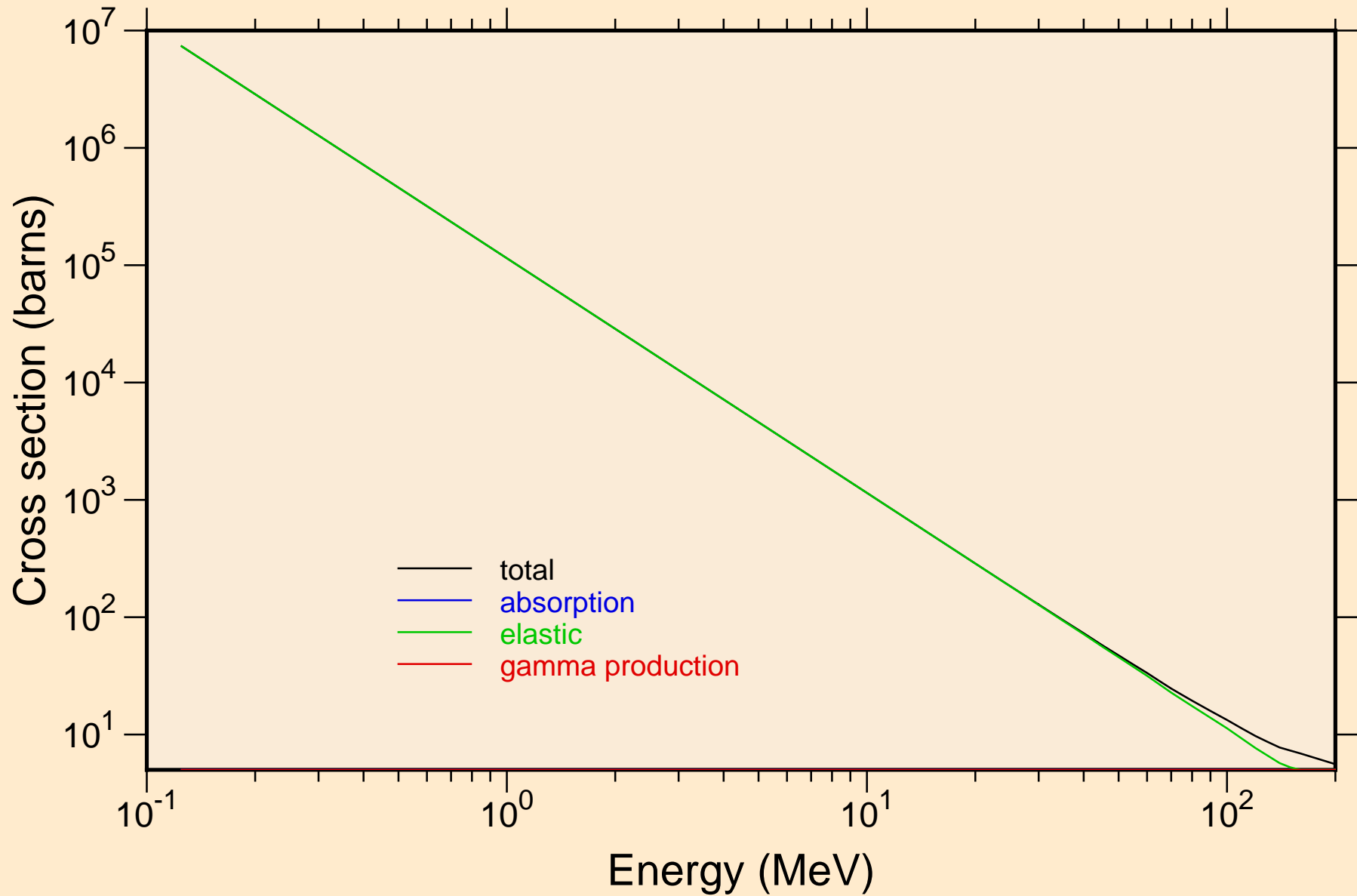
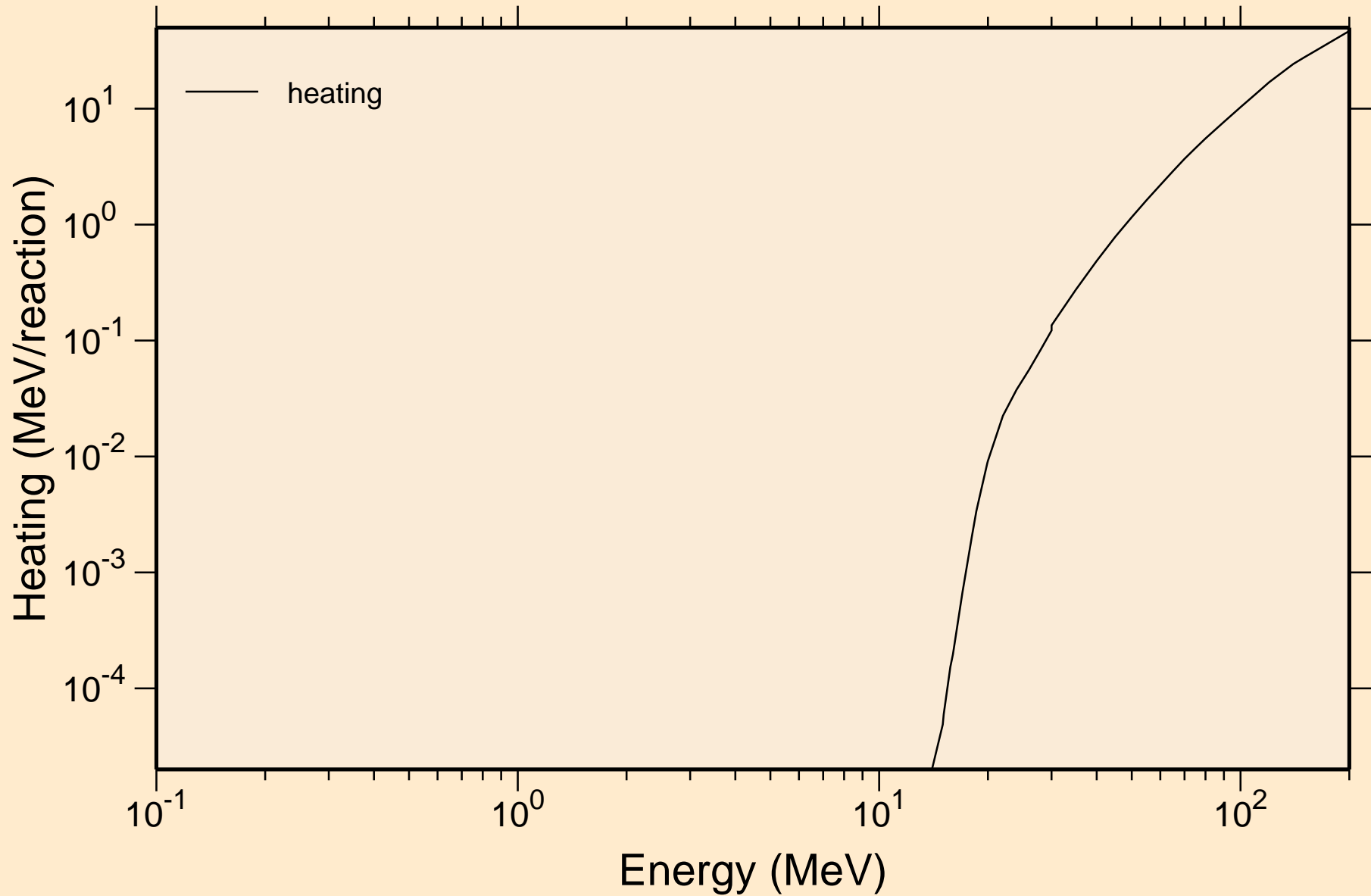


HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



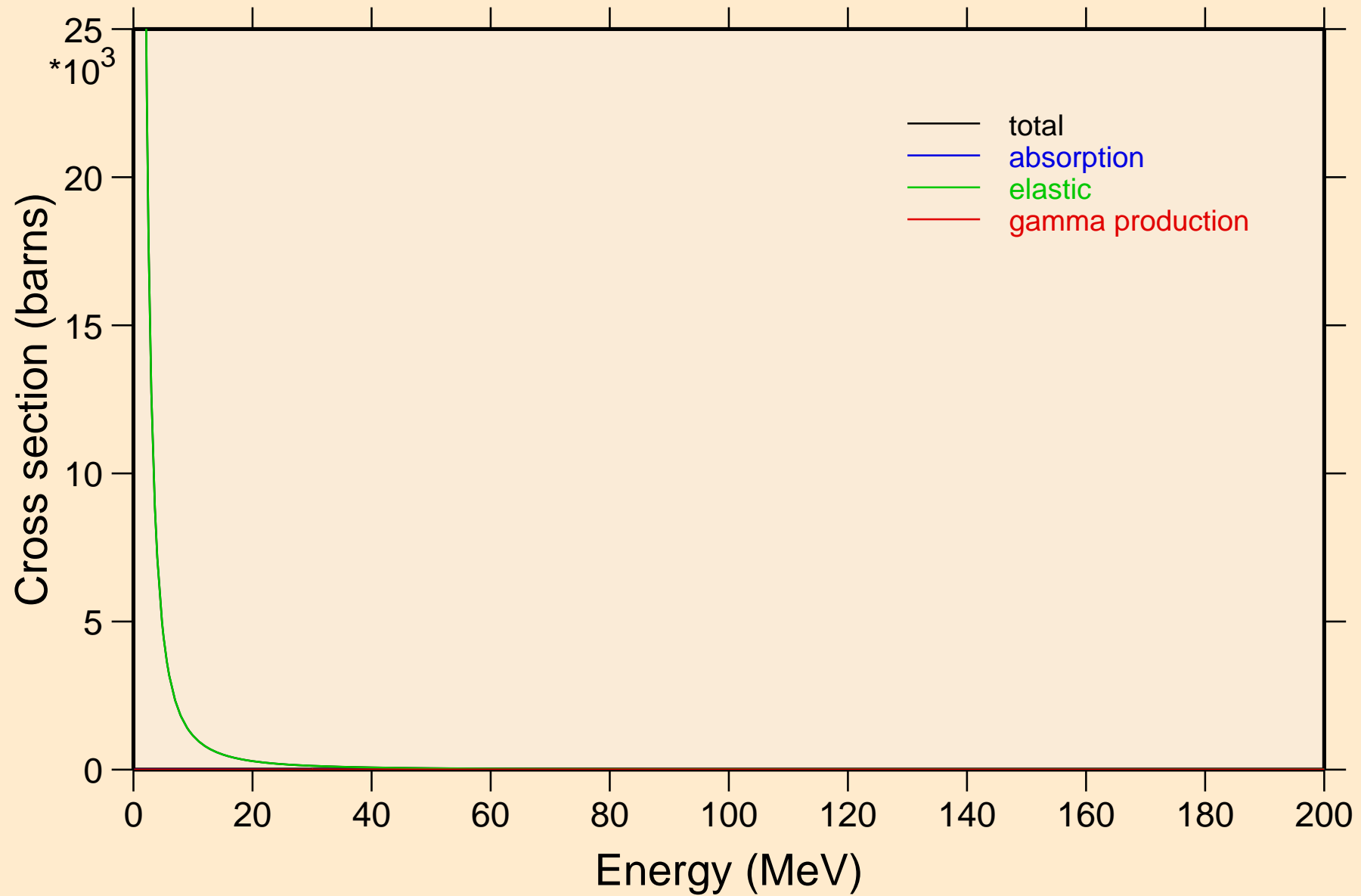
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



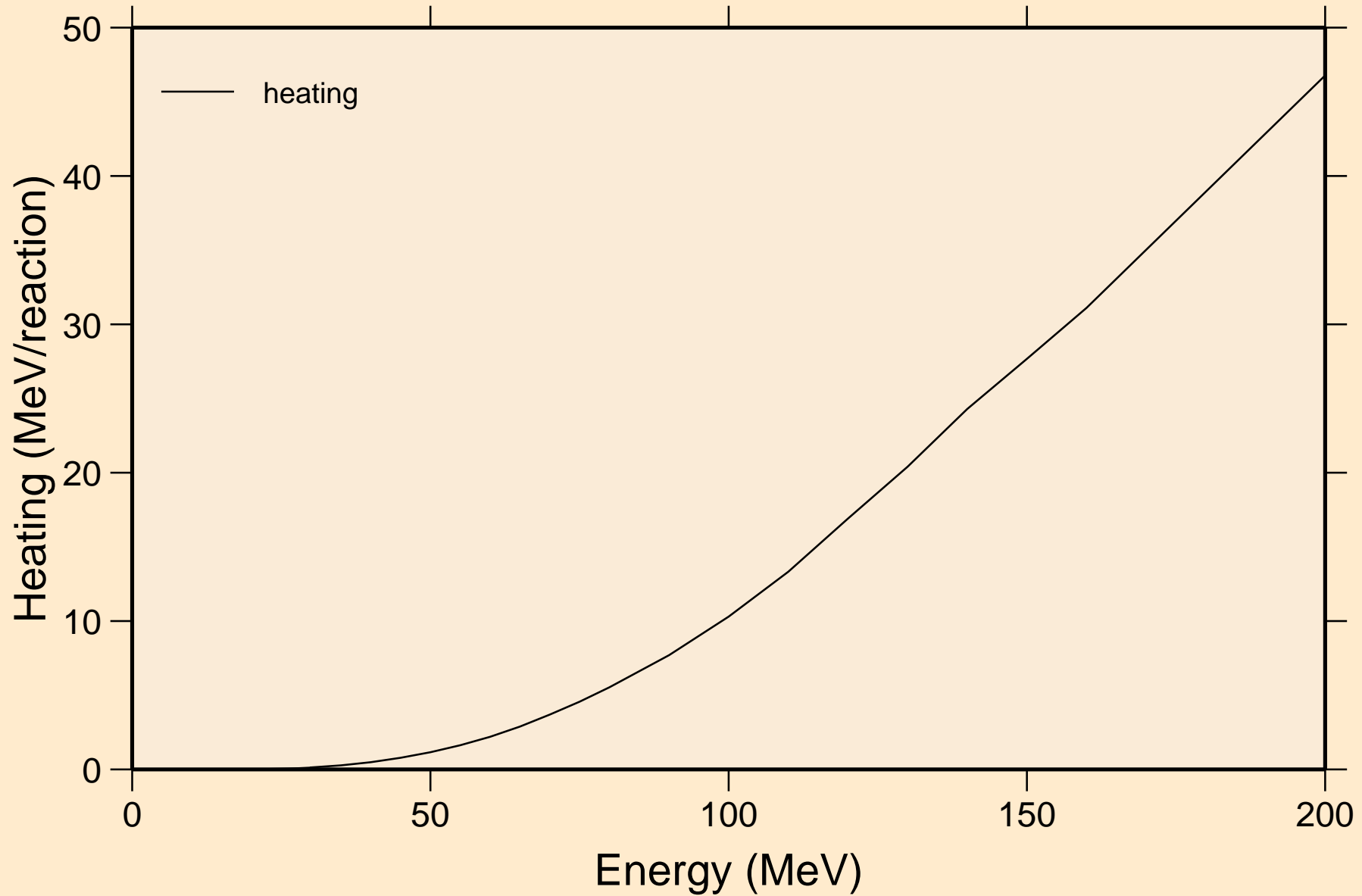
# HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

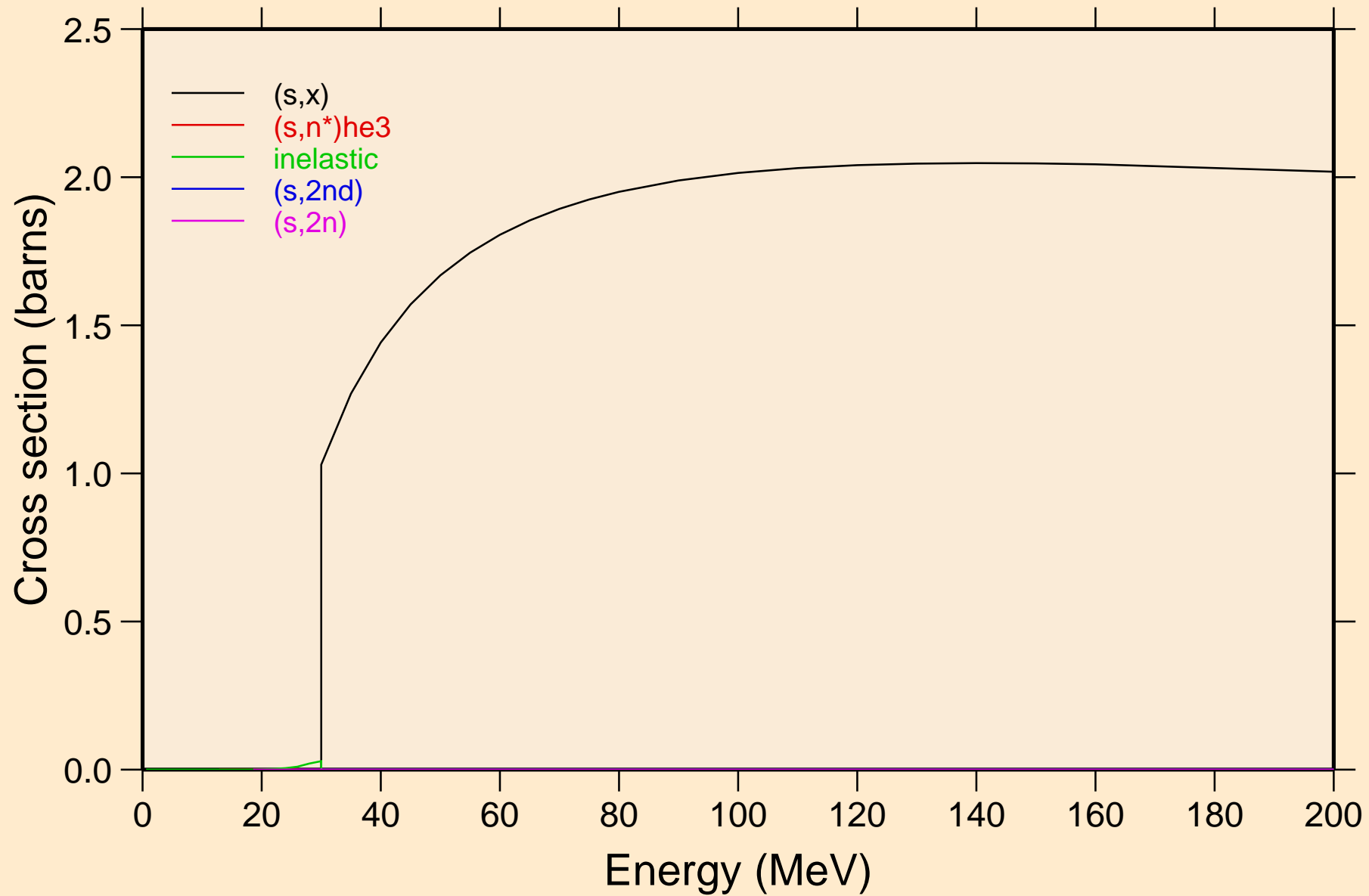


HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating

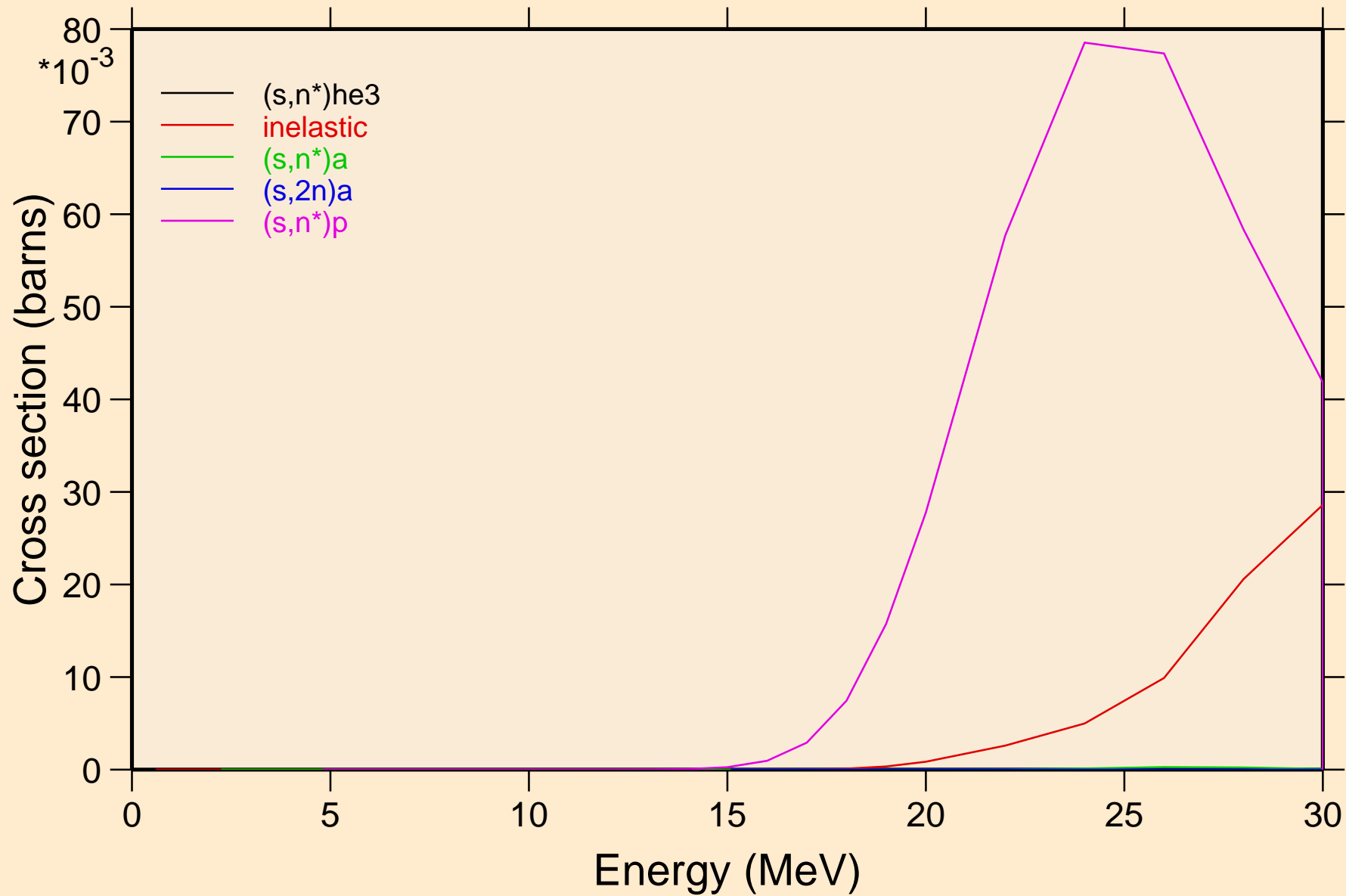


HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

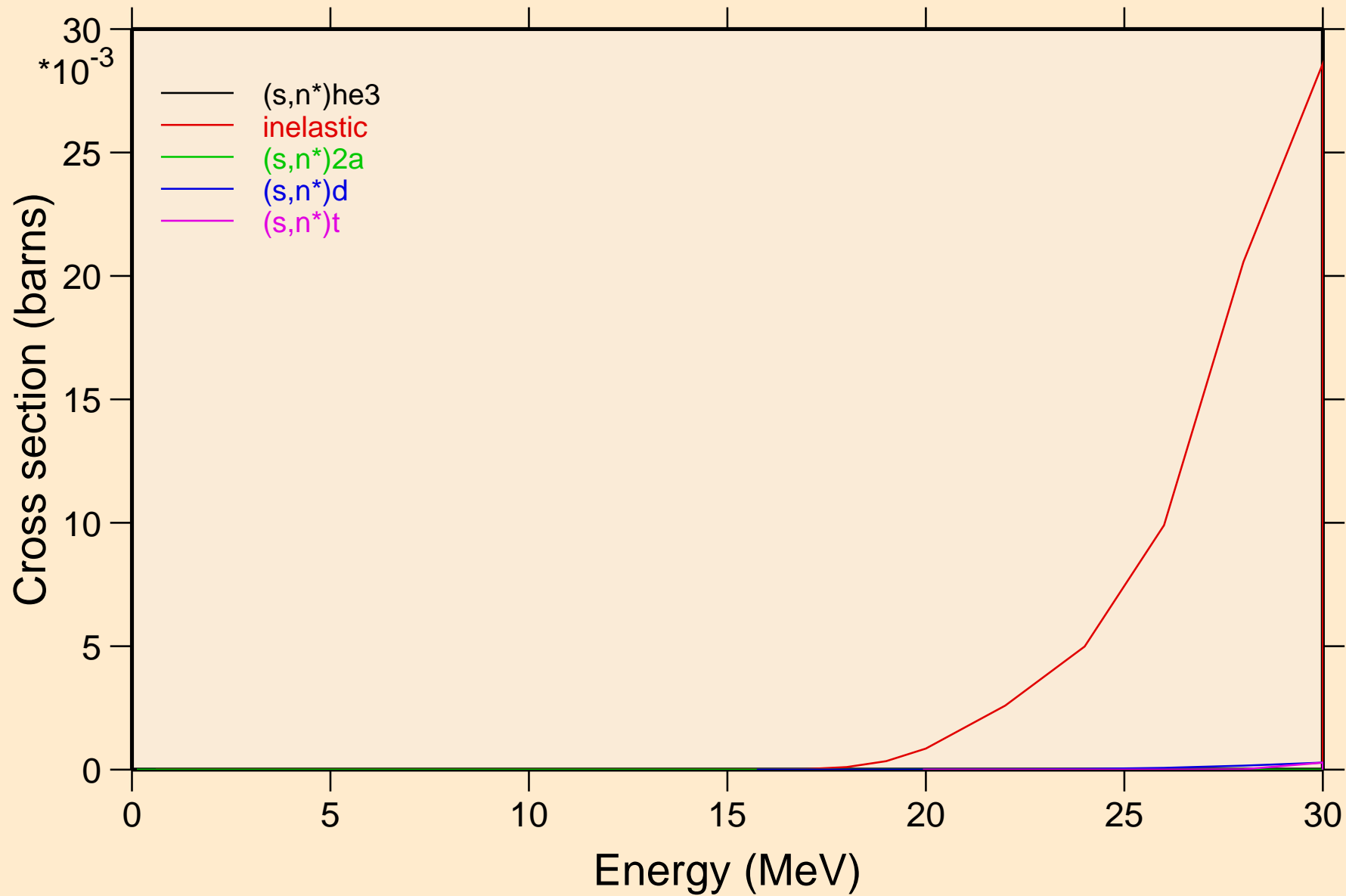


# HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

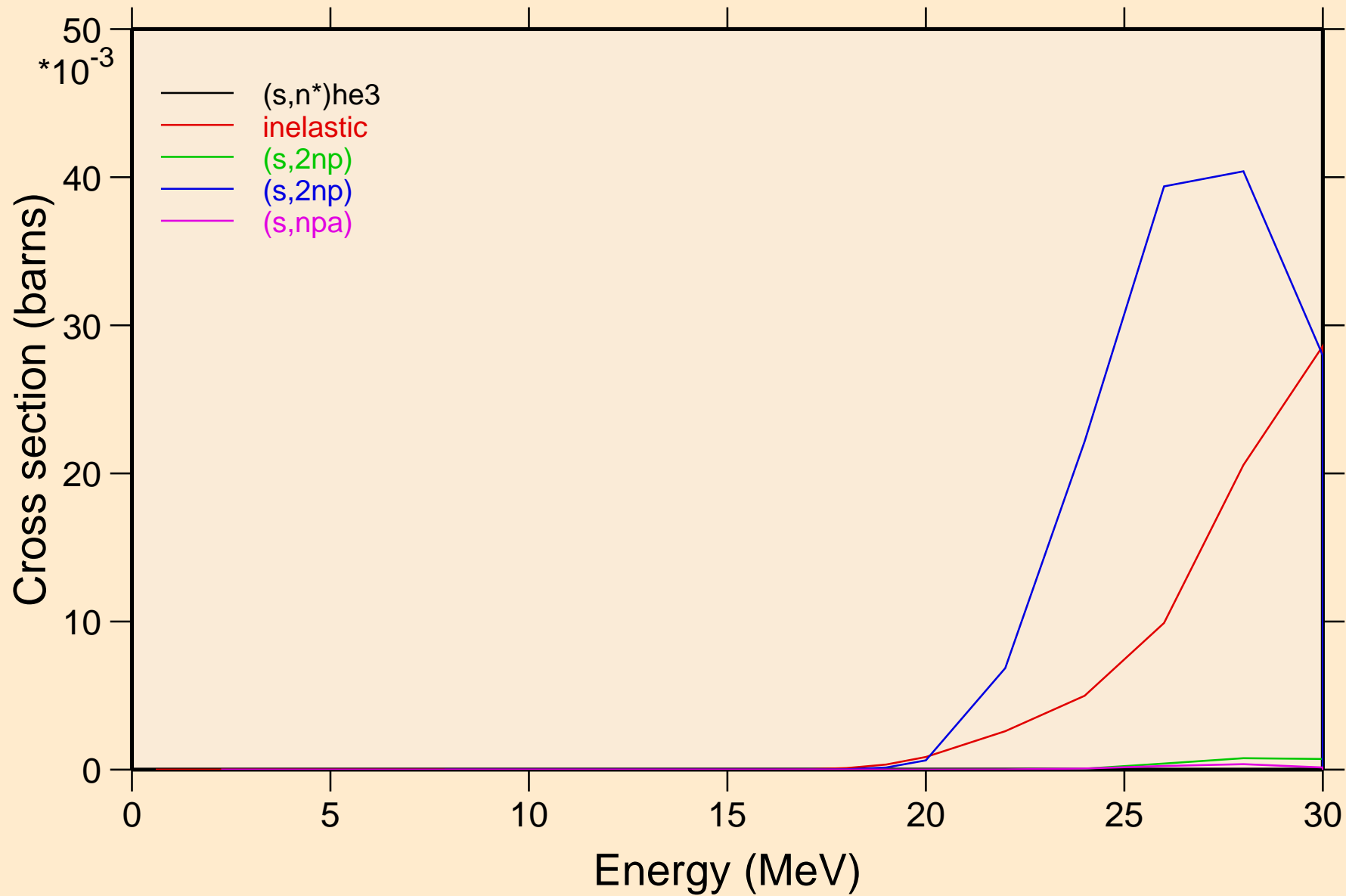


HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



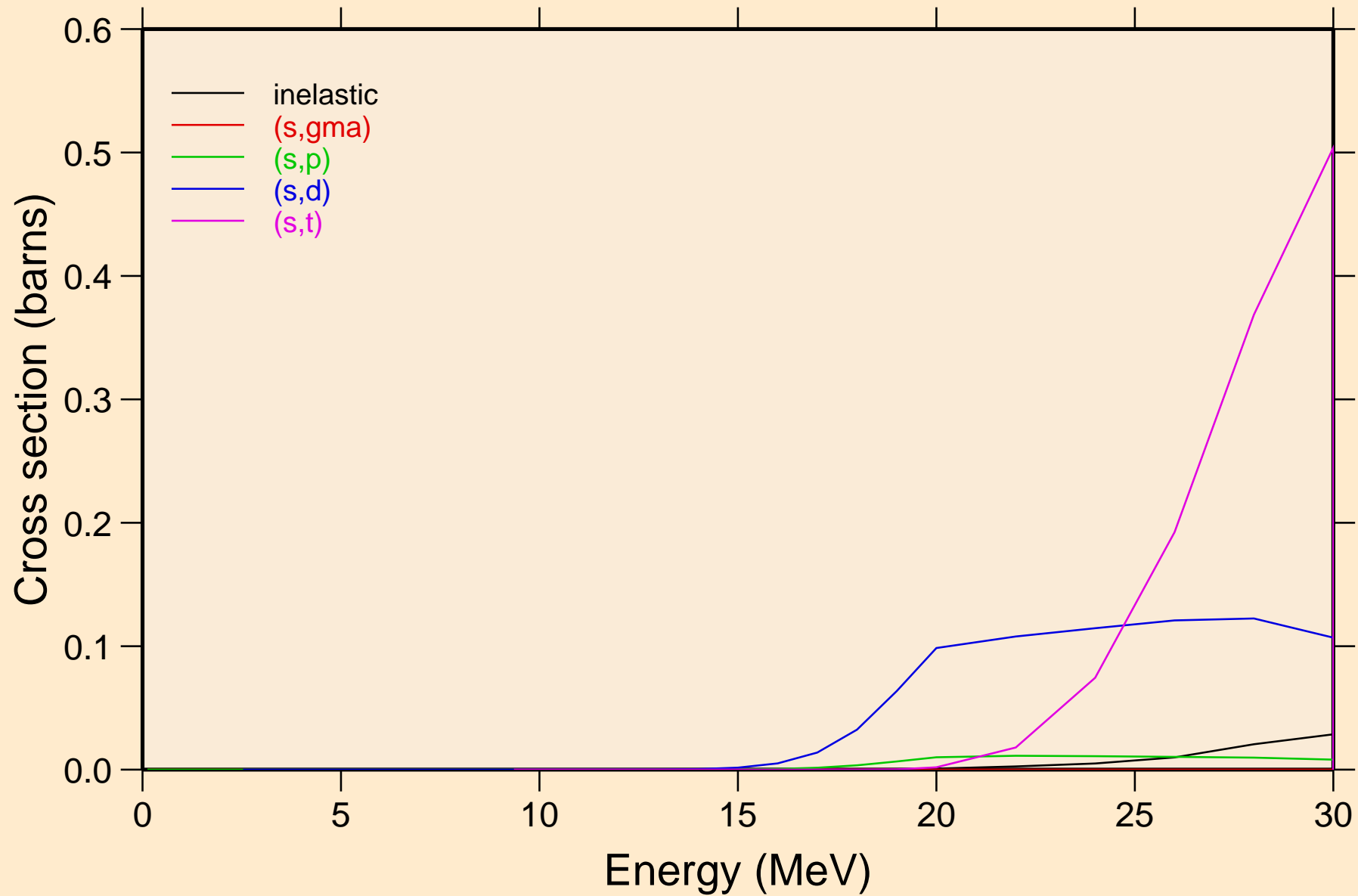
# HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



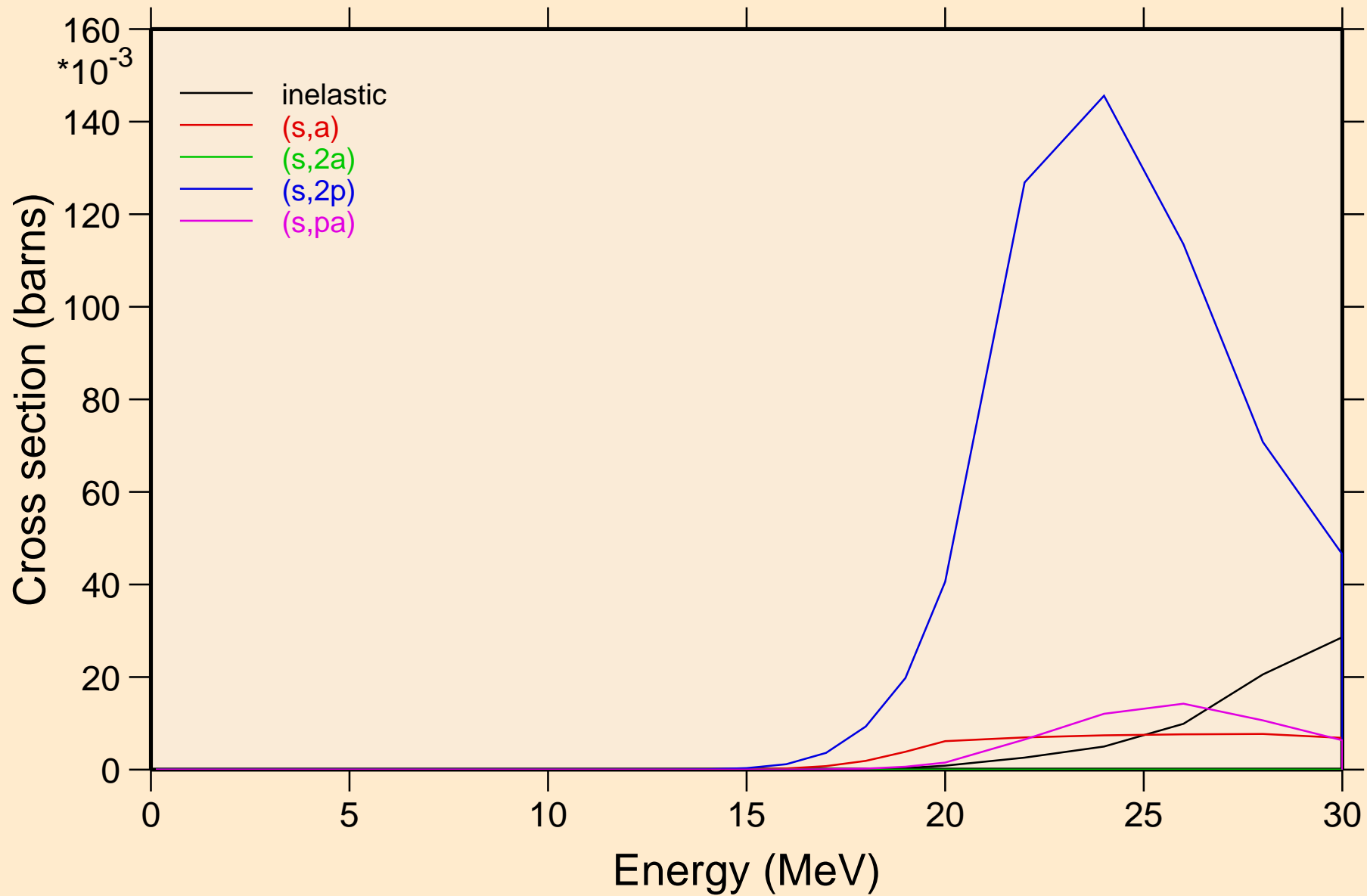


HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

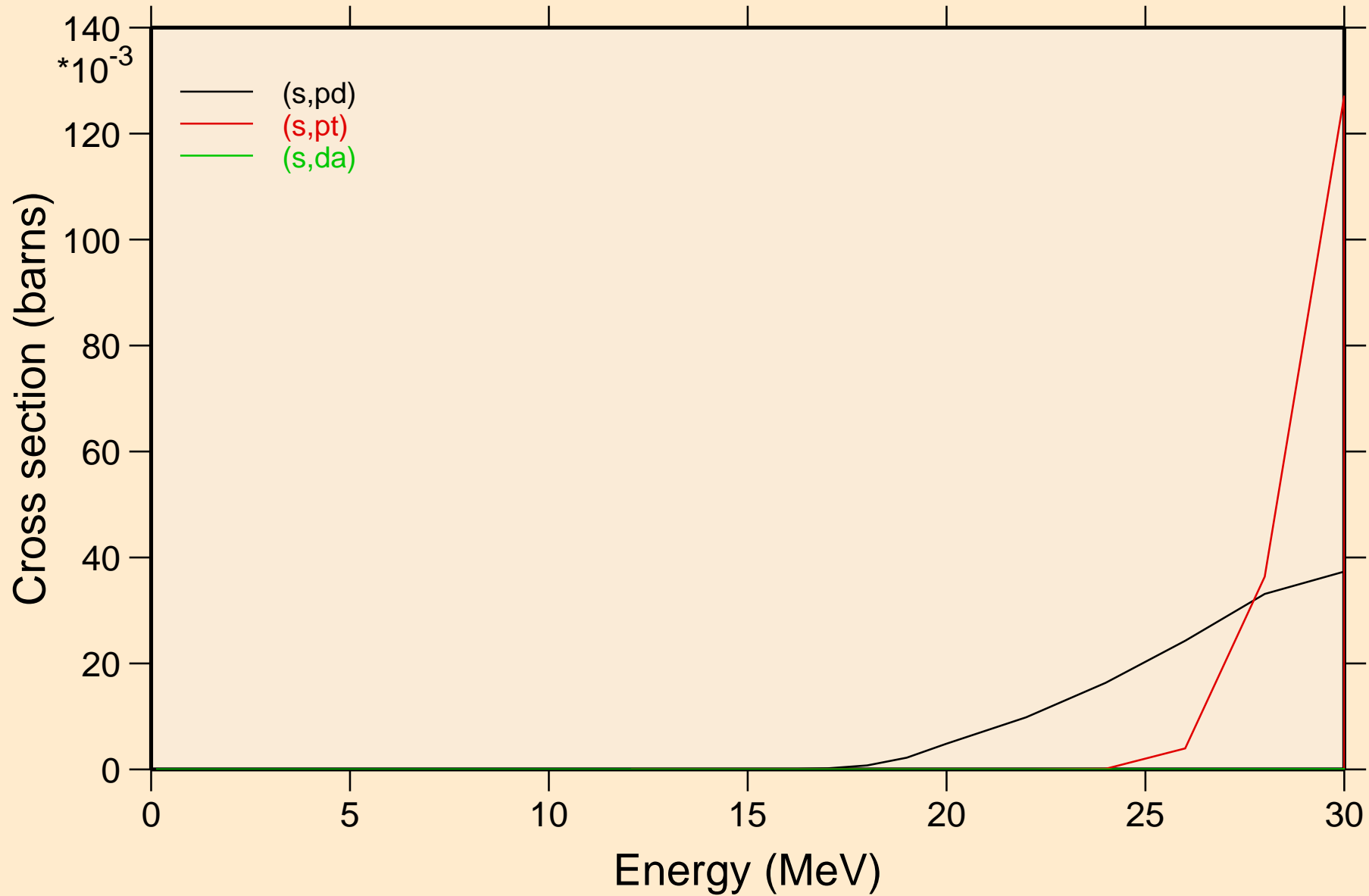


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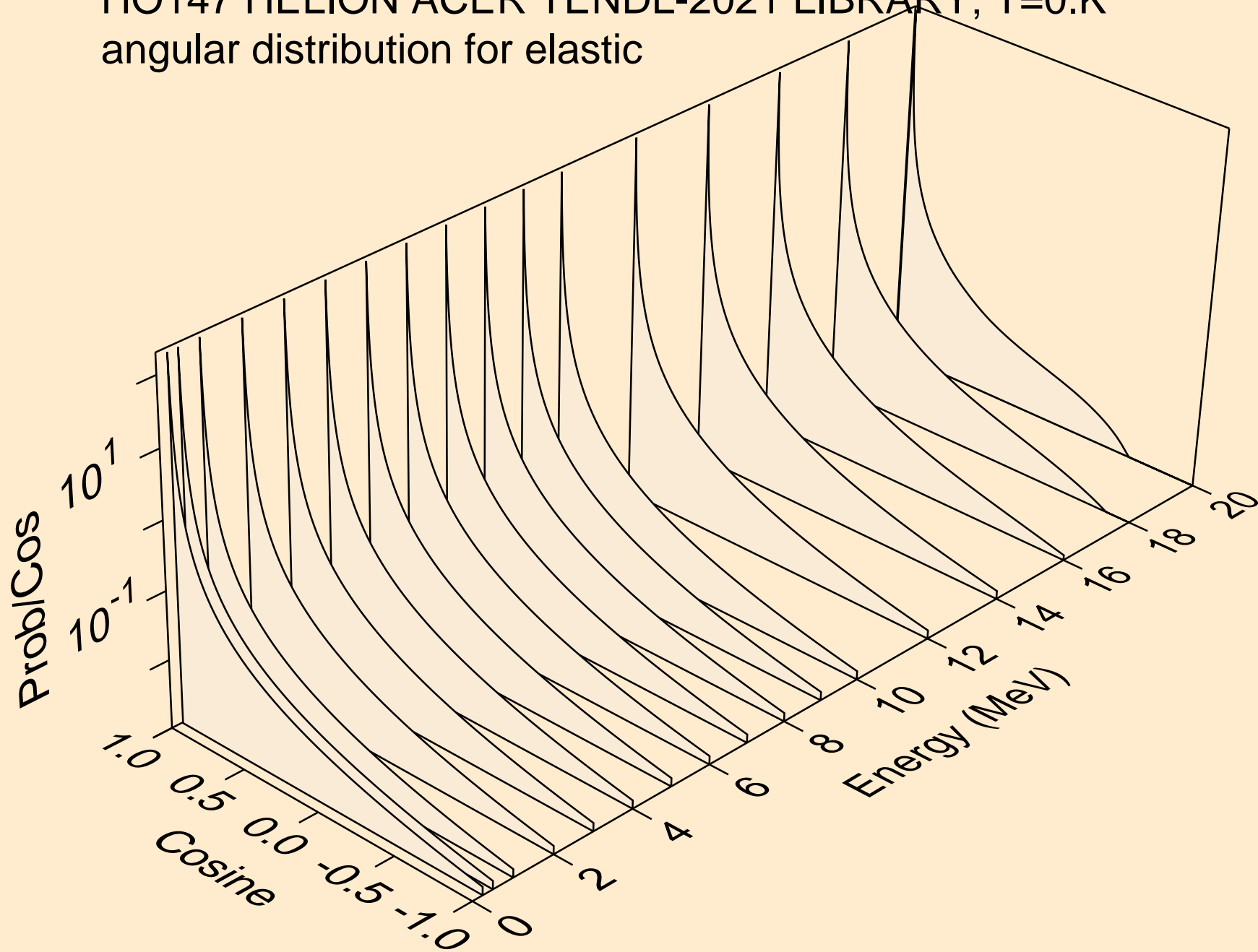
## Threshold reactions



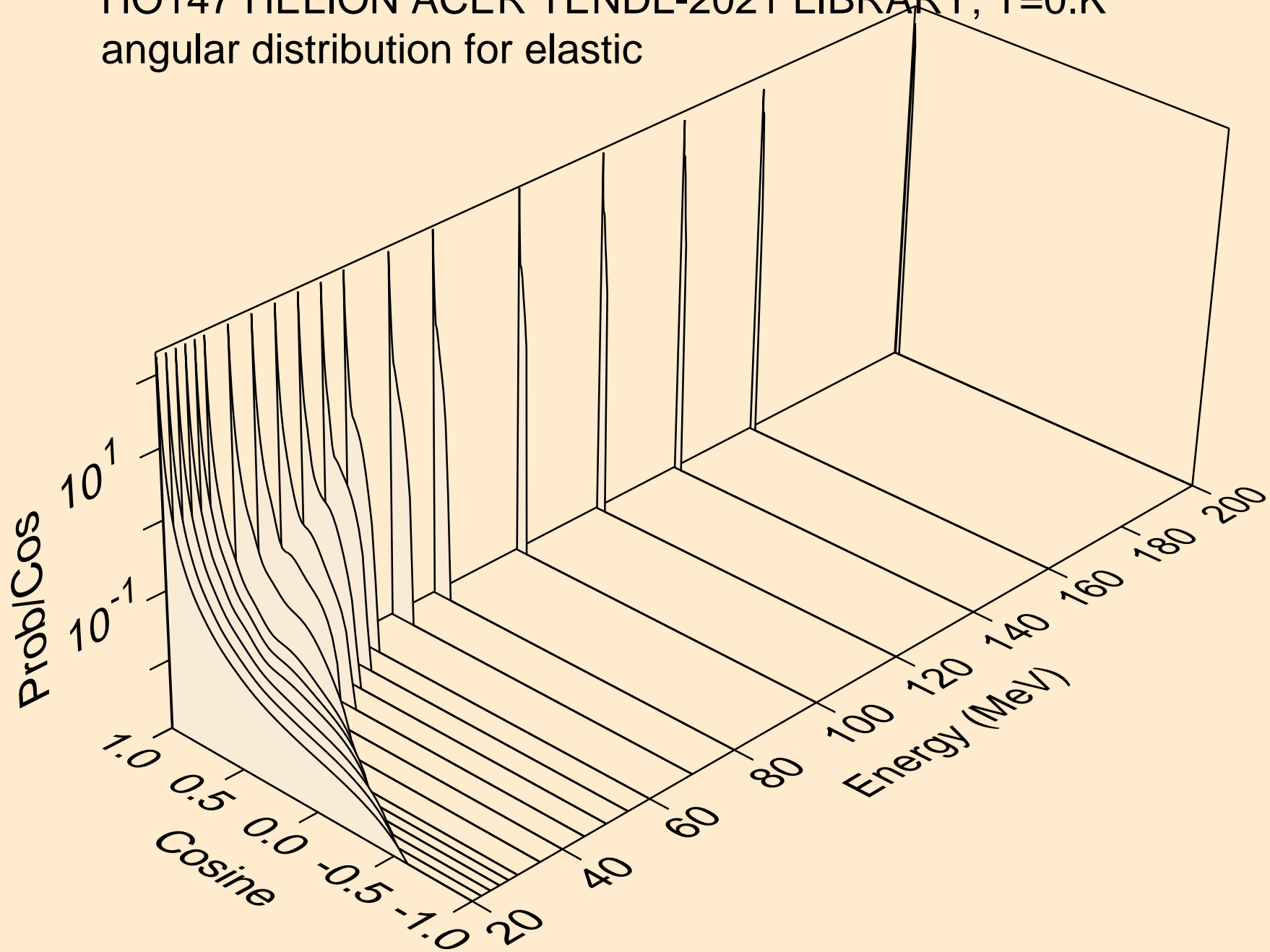
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



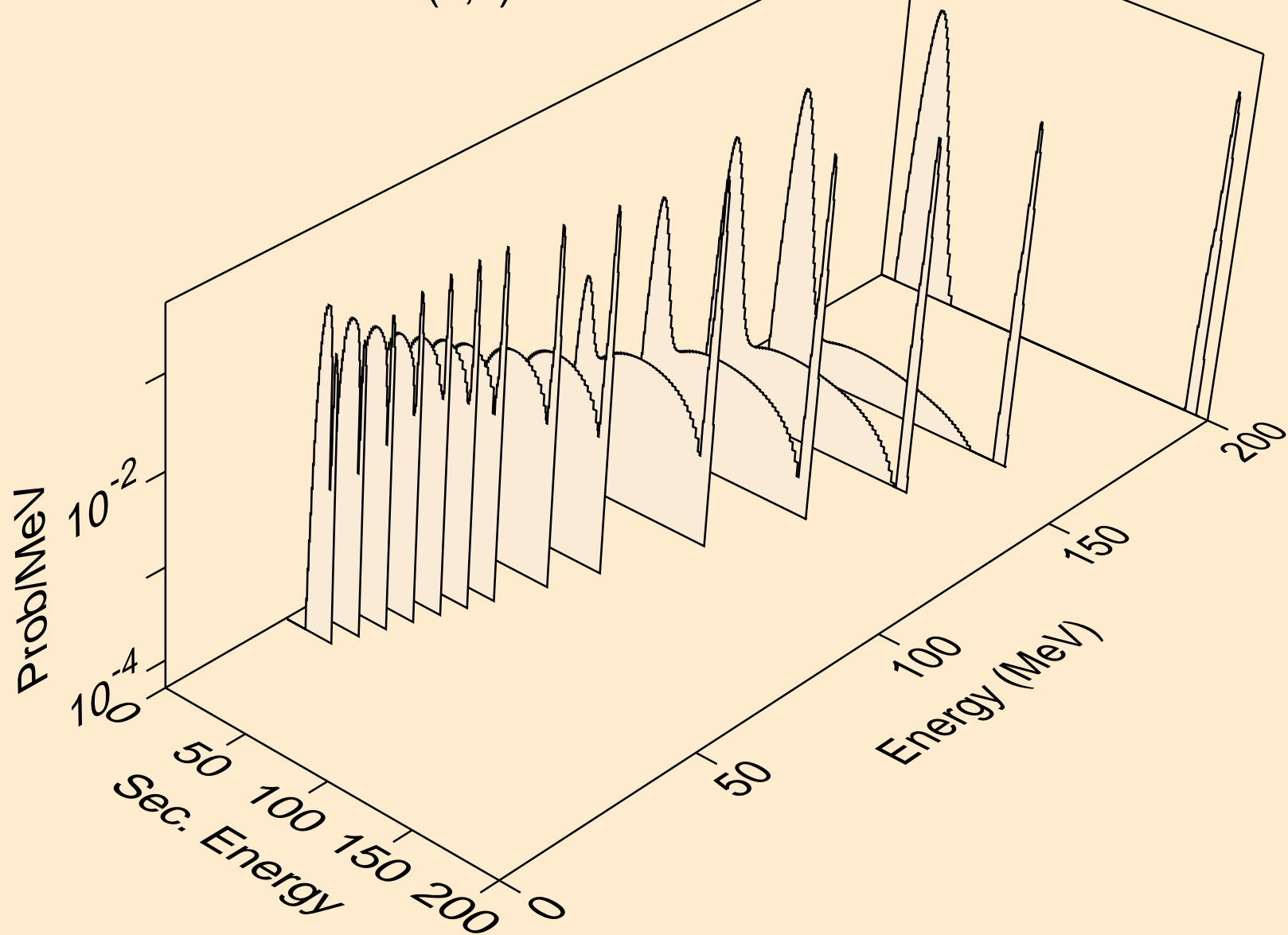
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



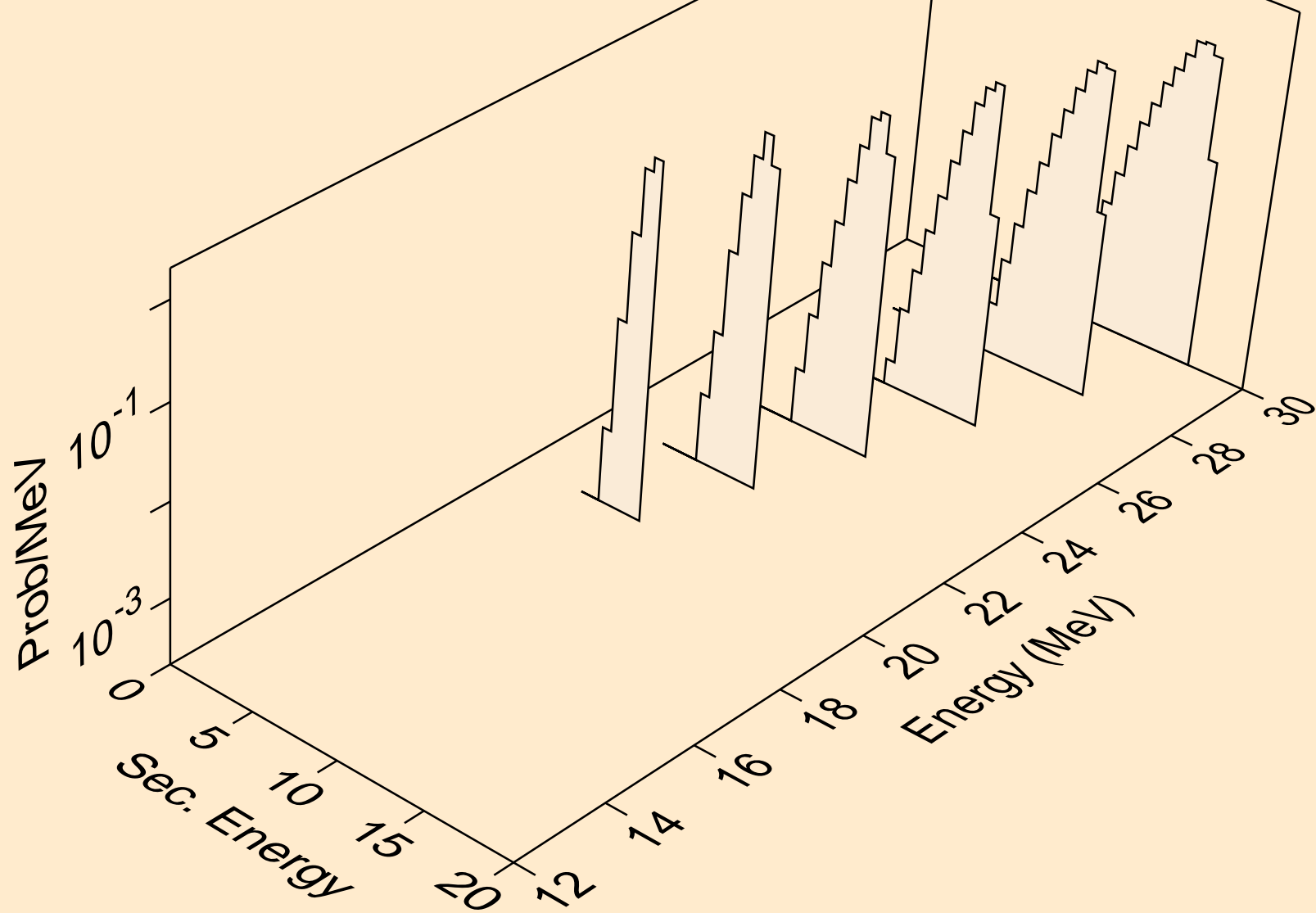
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



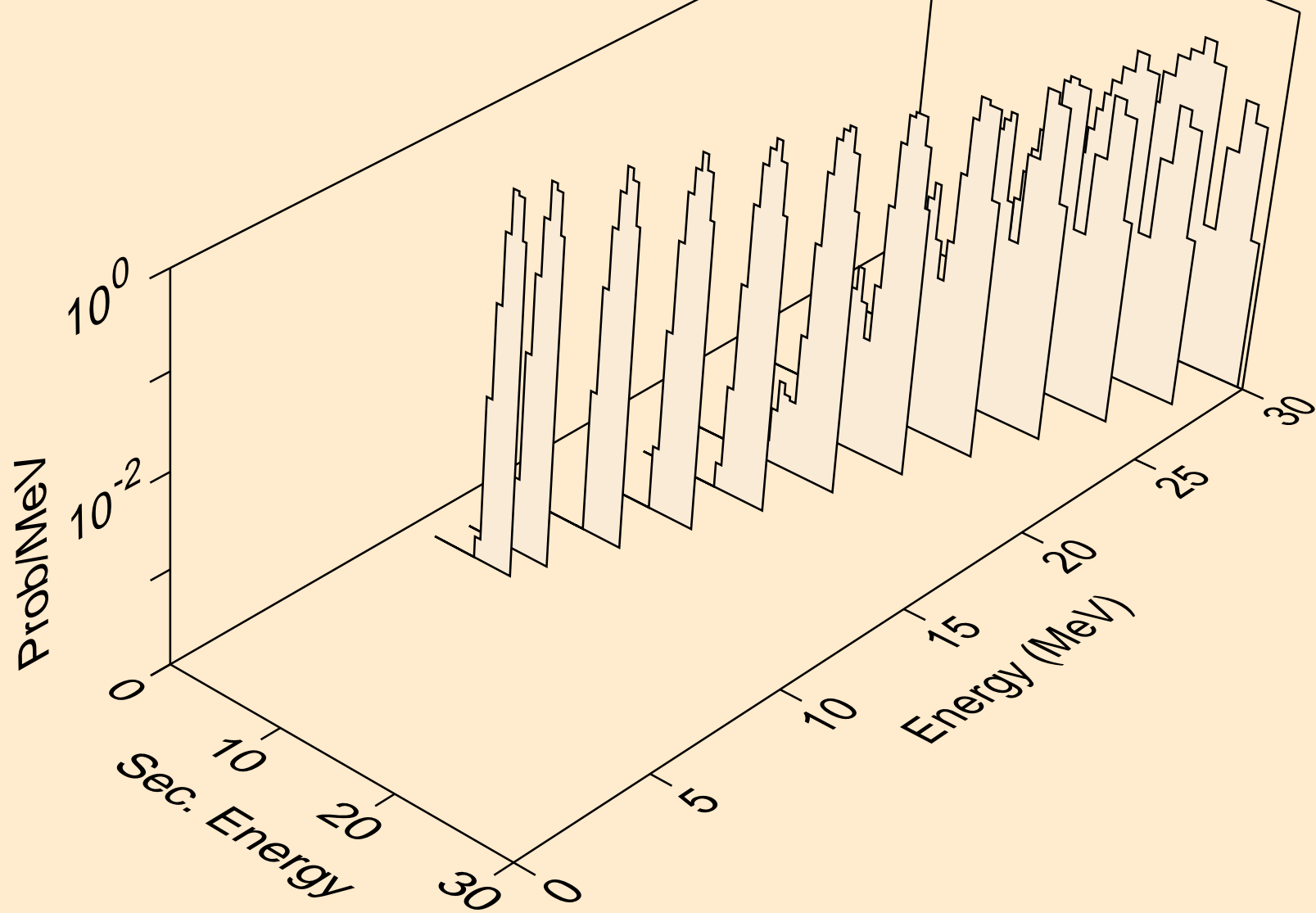
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

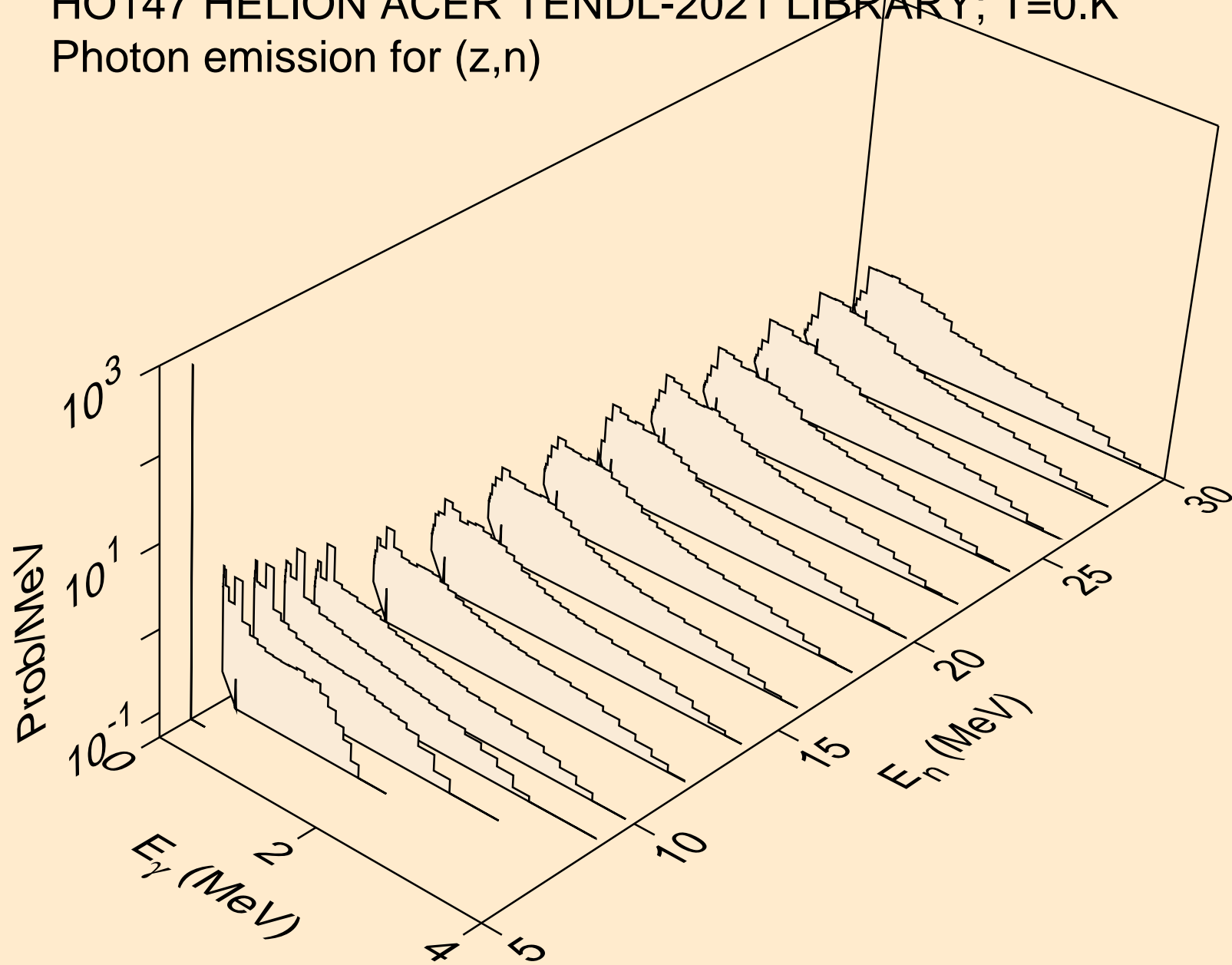


HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

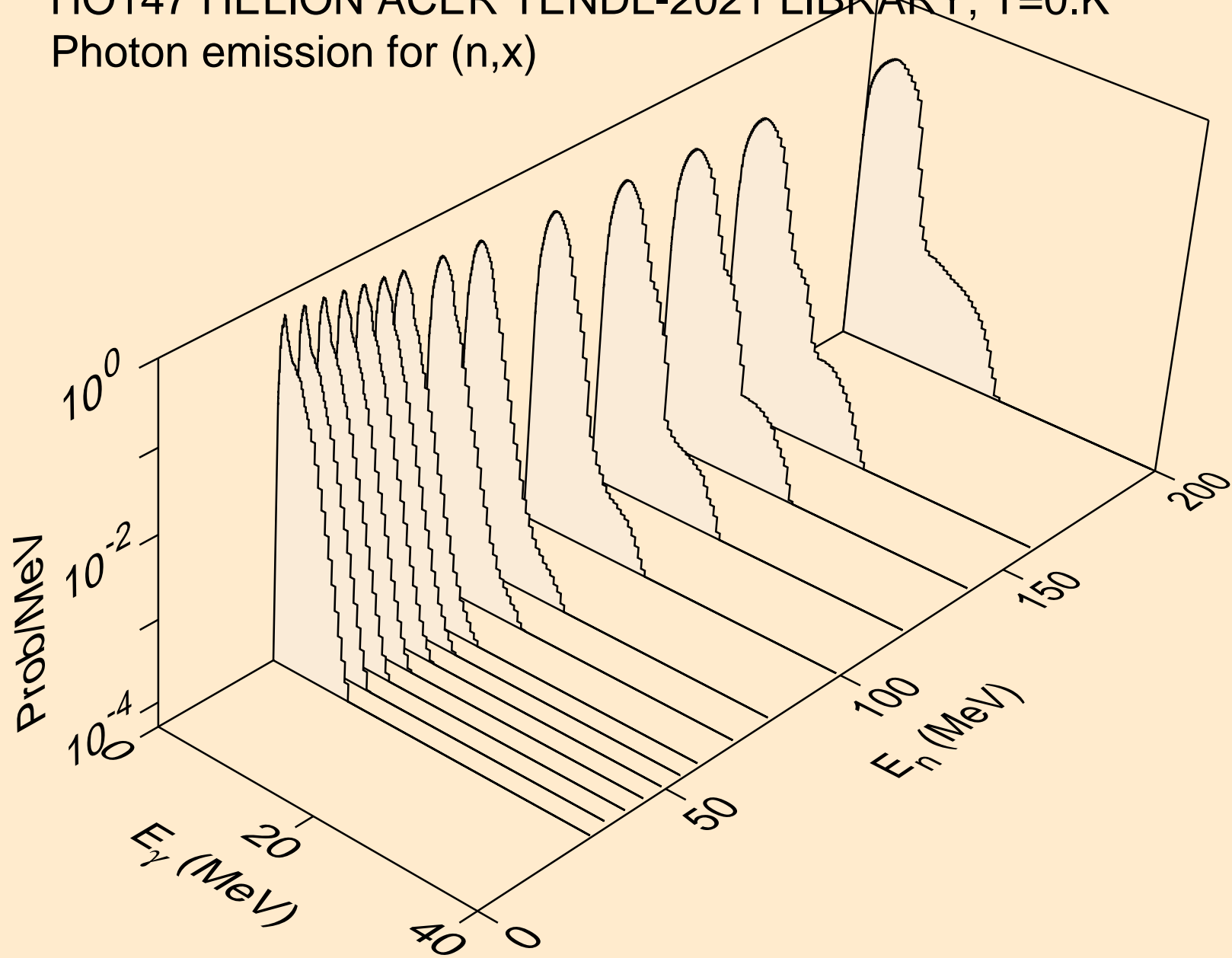




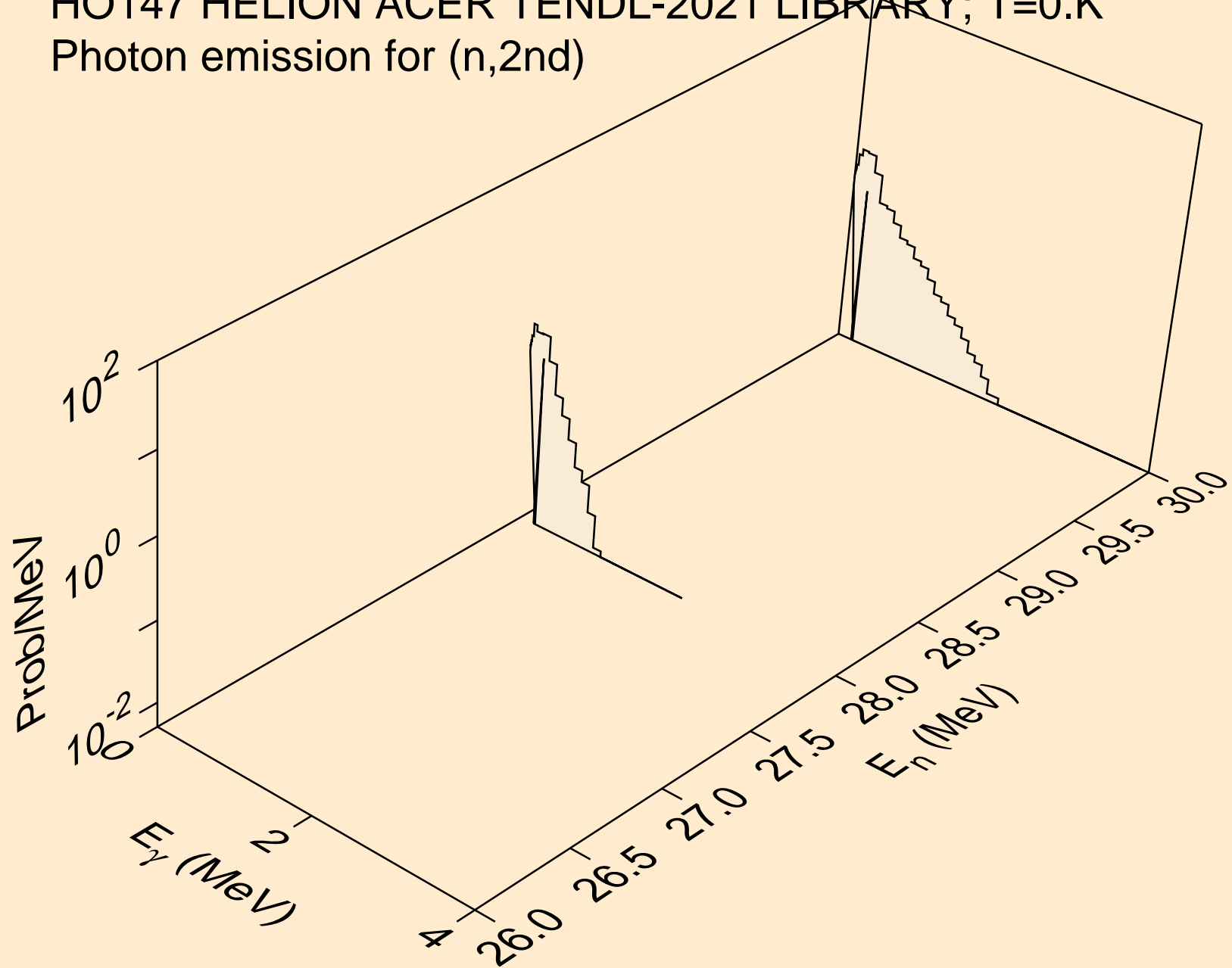
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



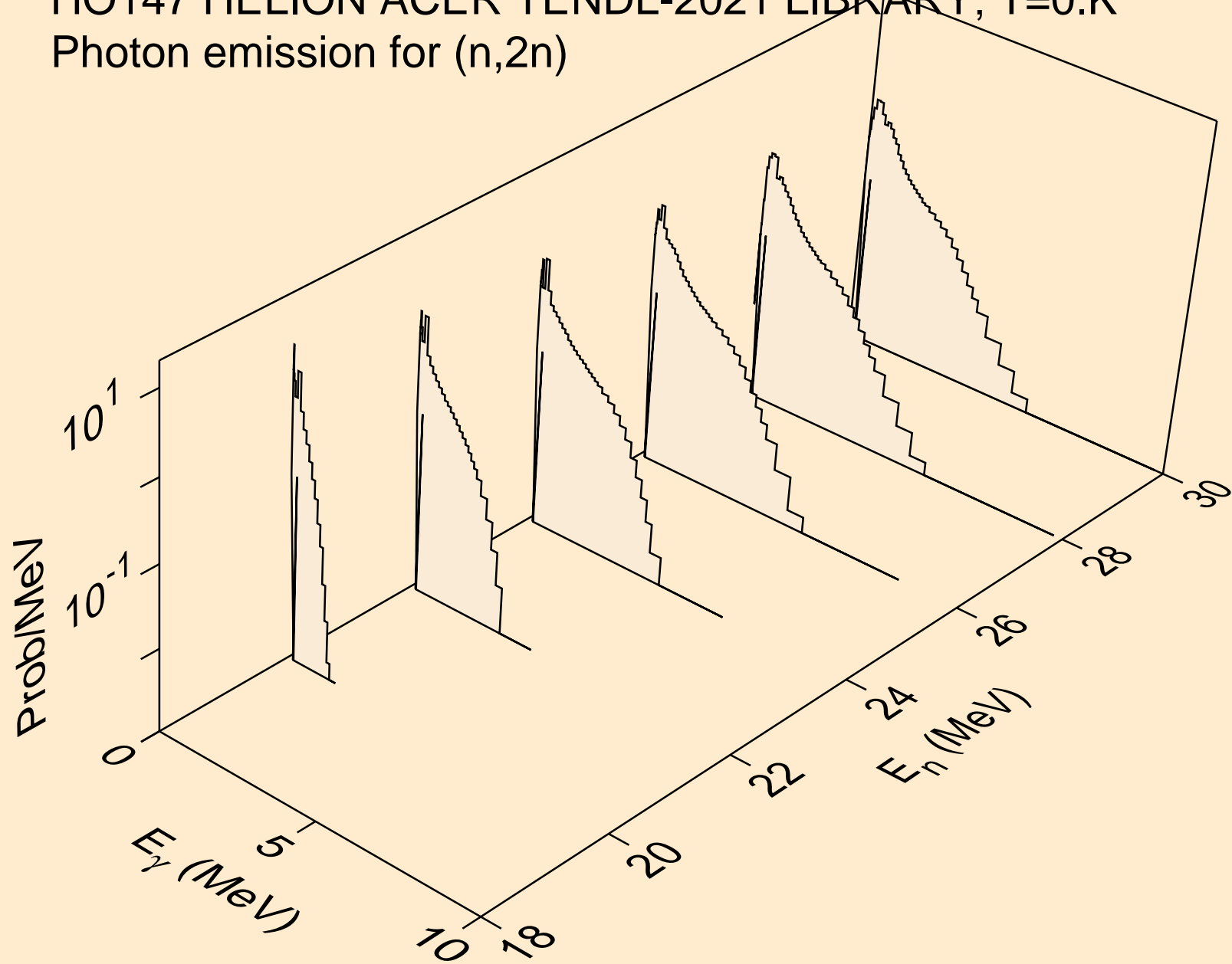
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



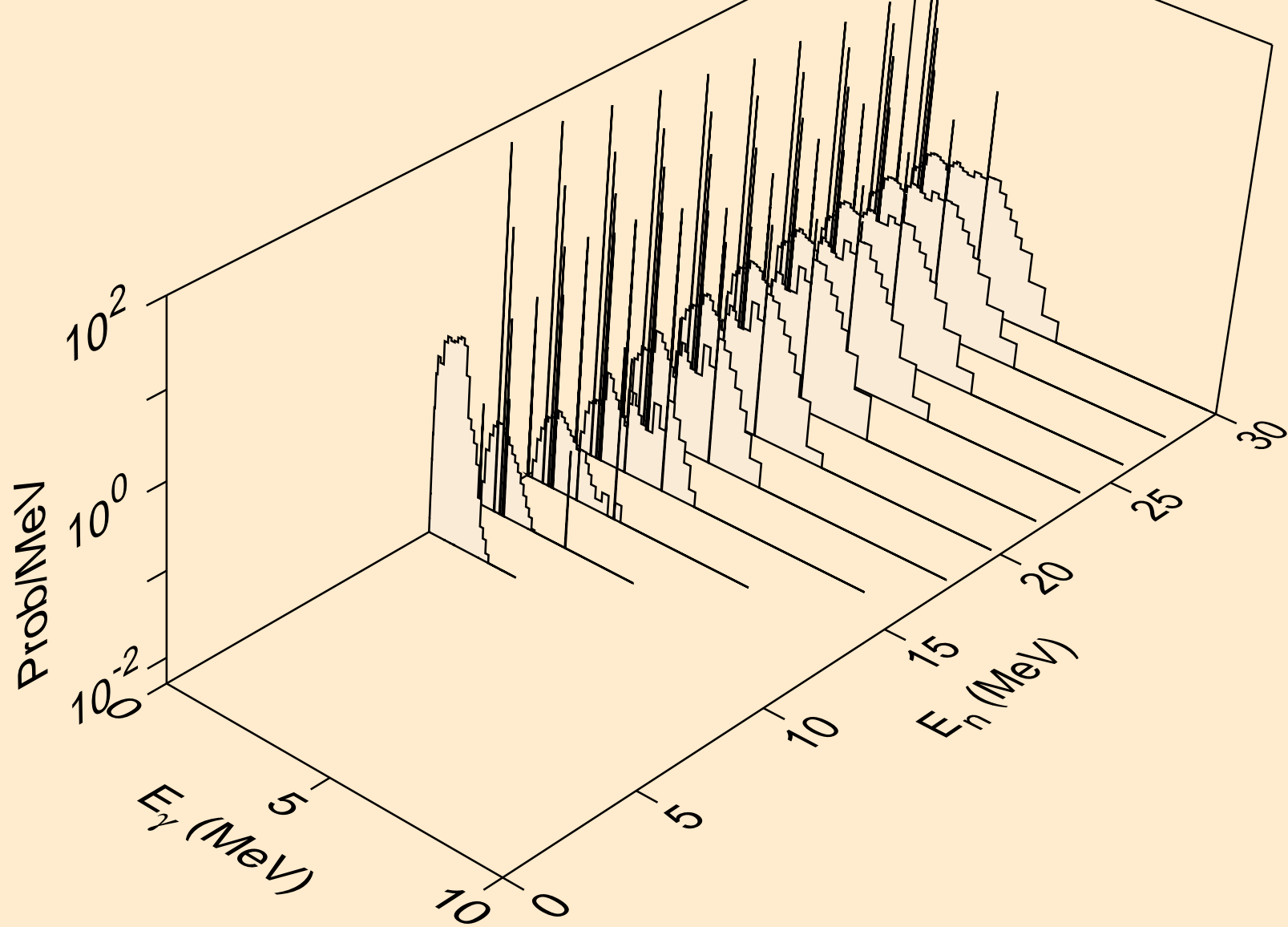
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



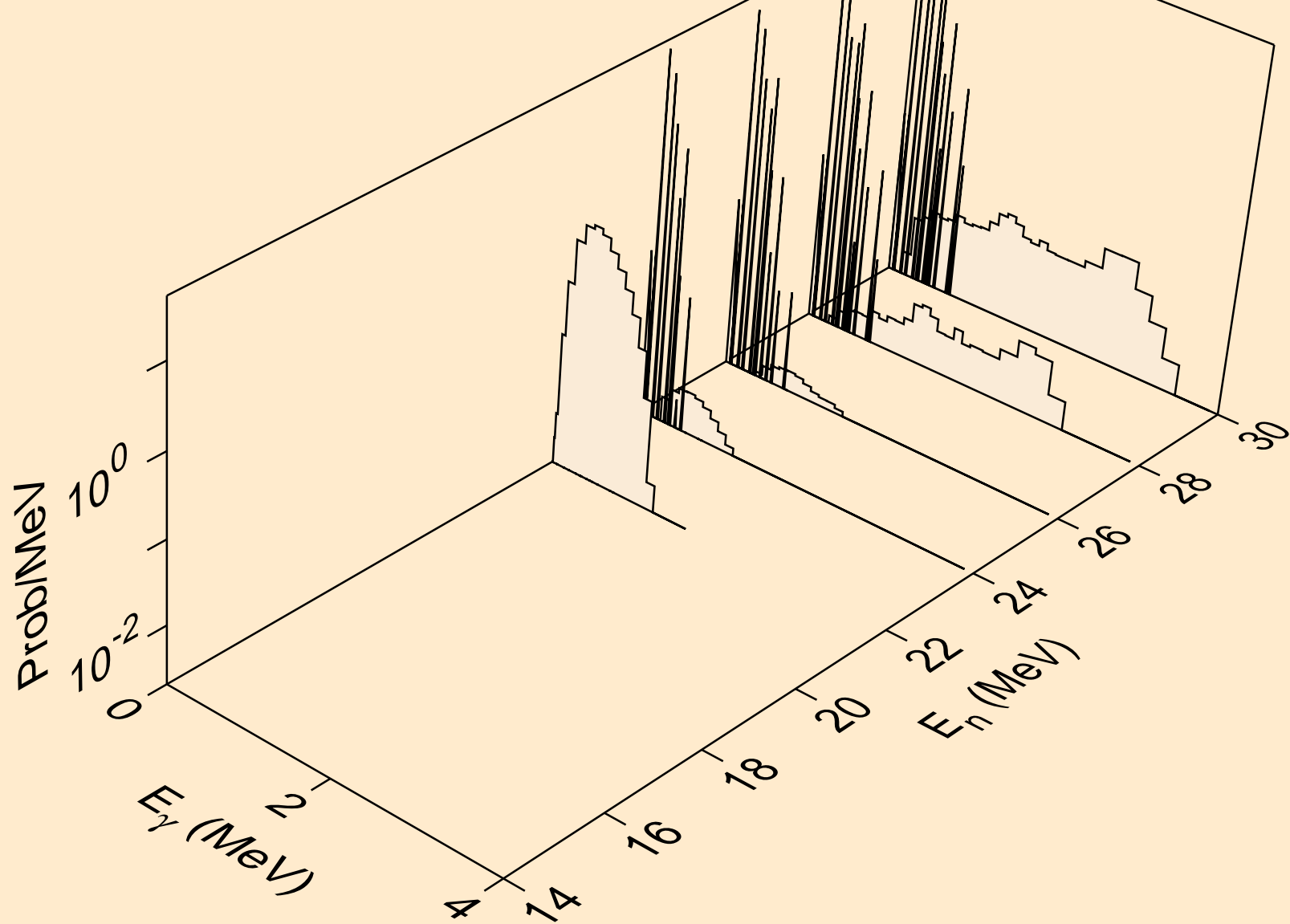
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



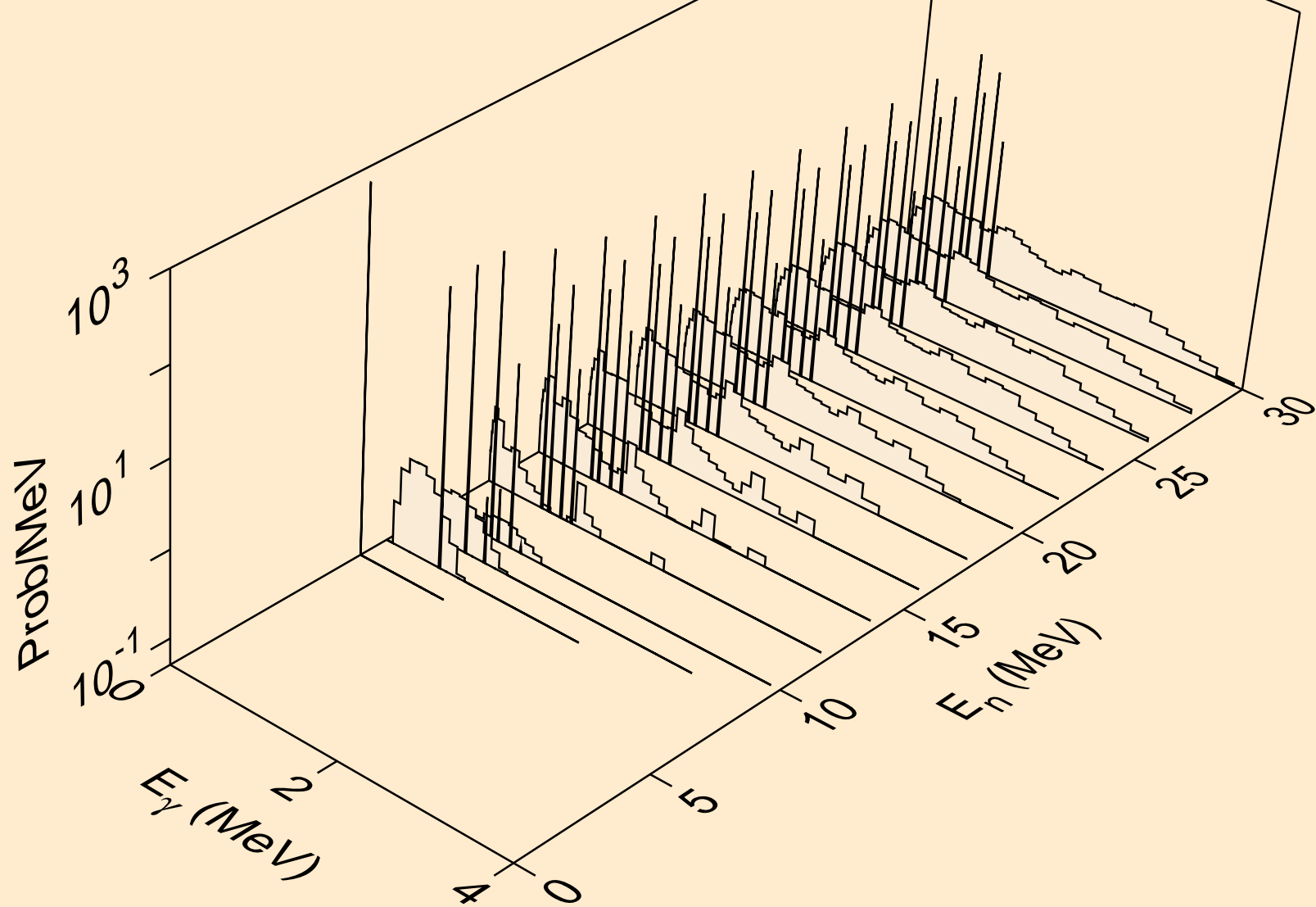
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



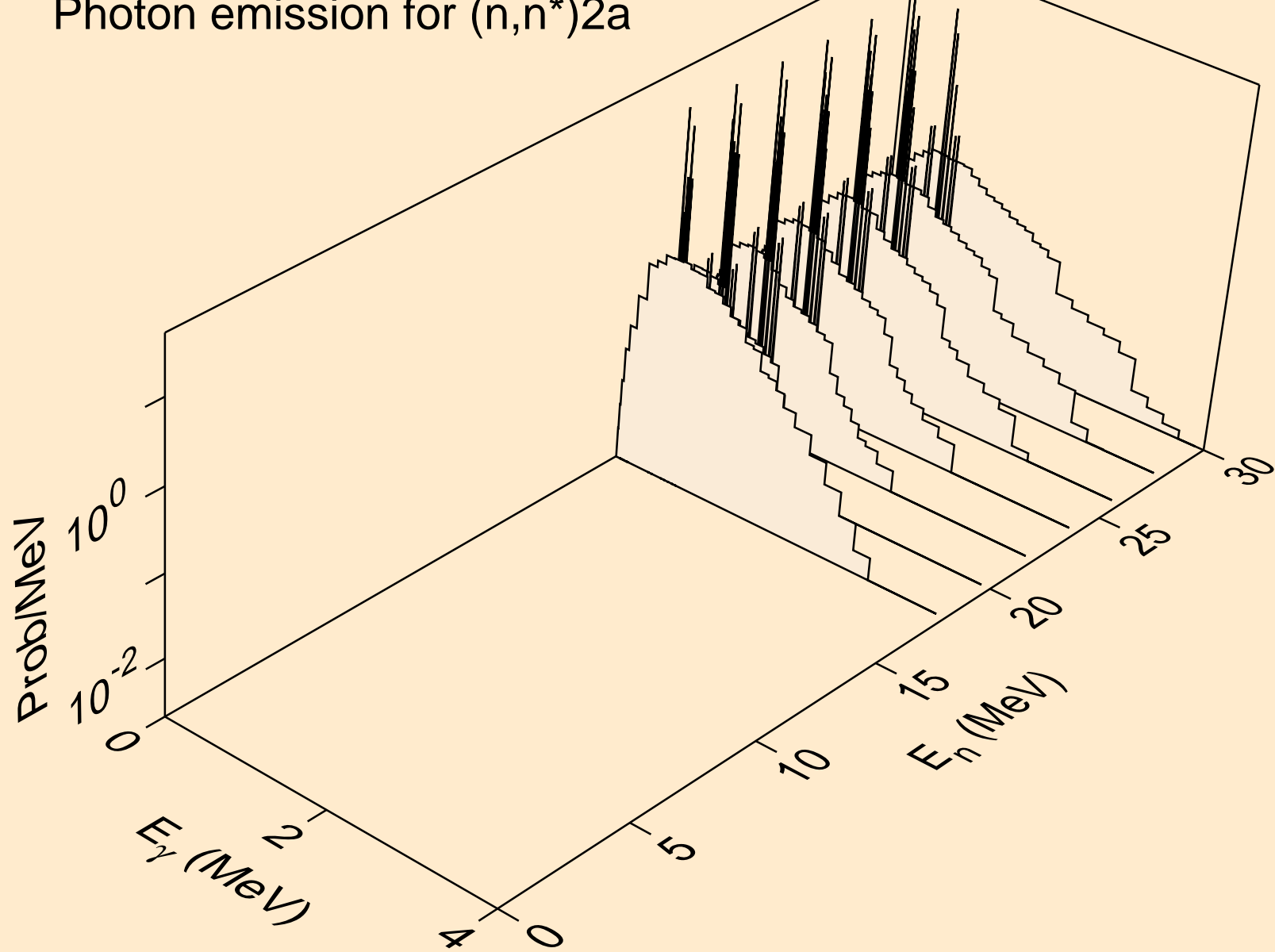
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

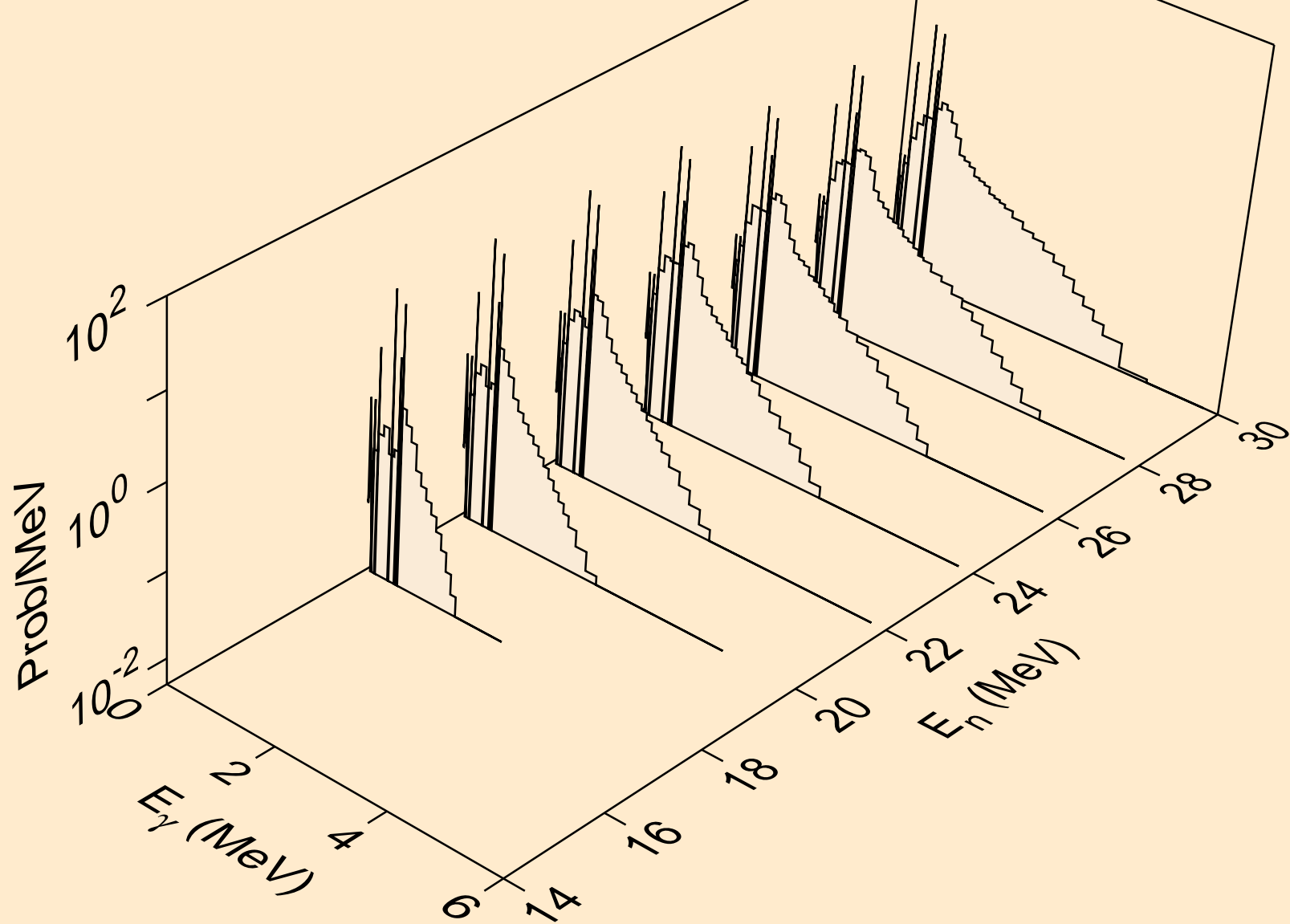


HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

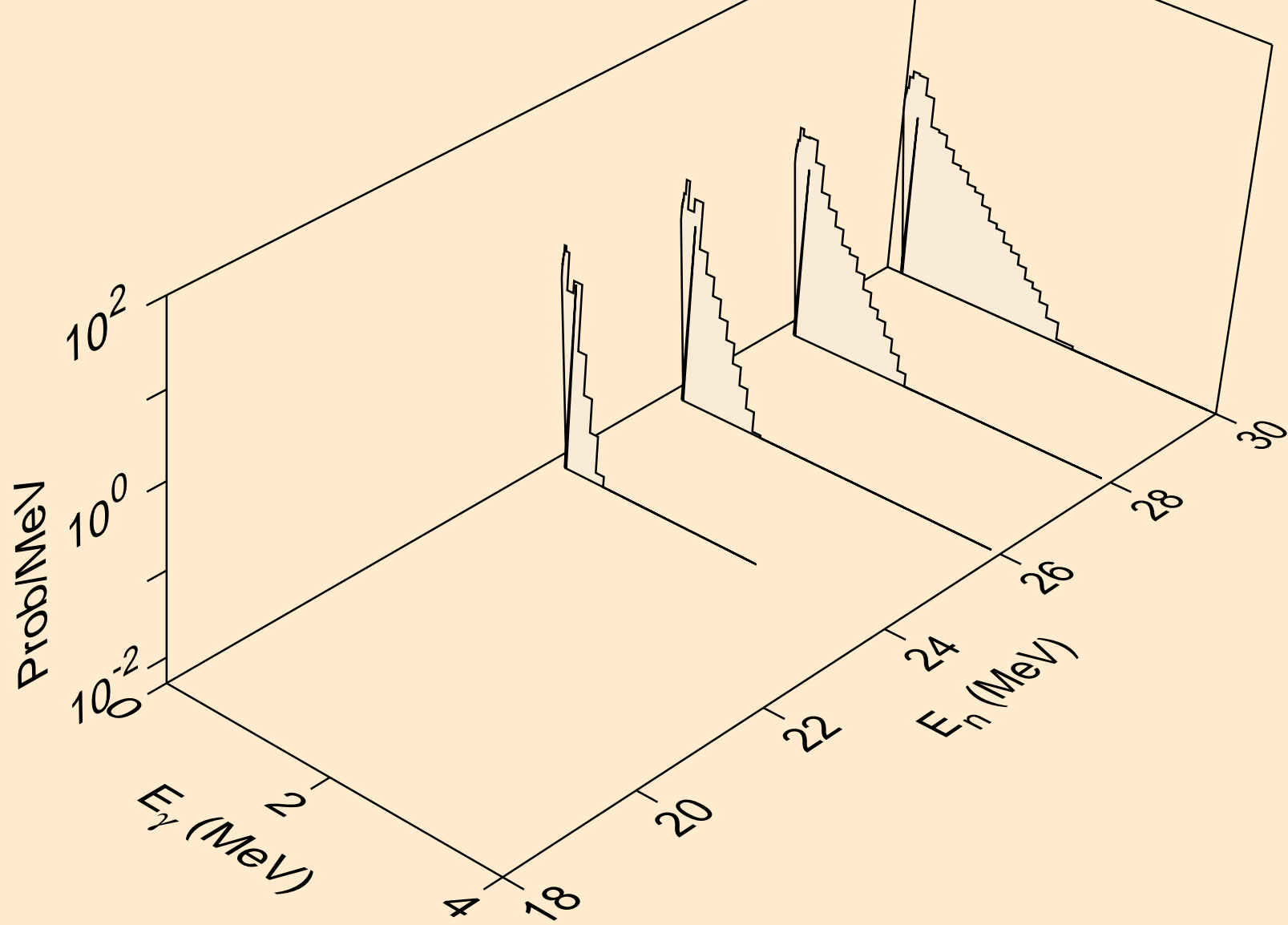




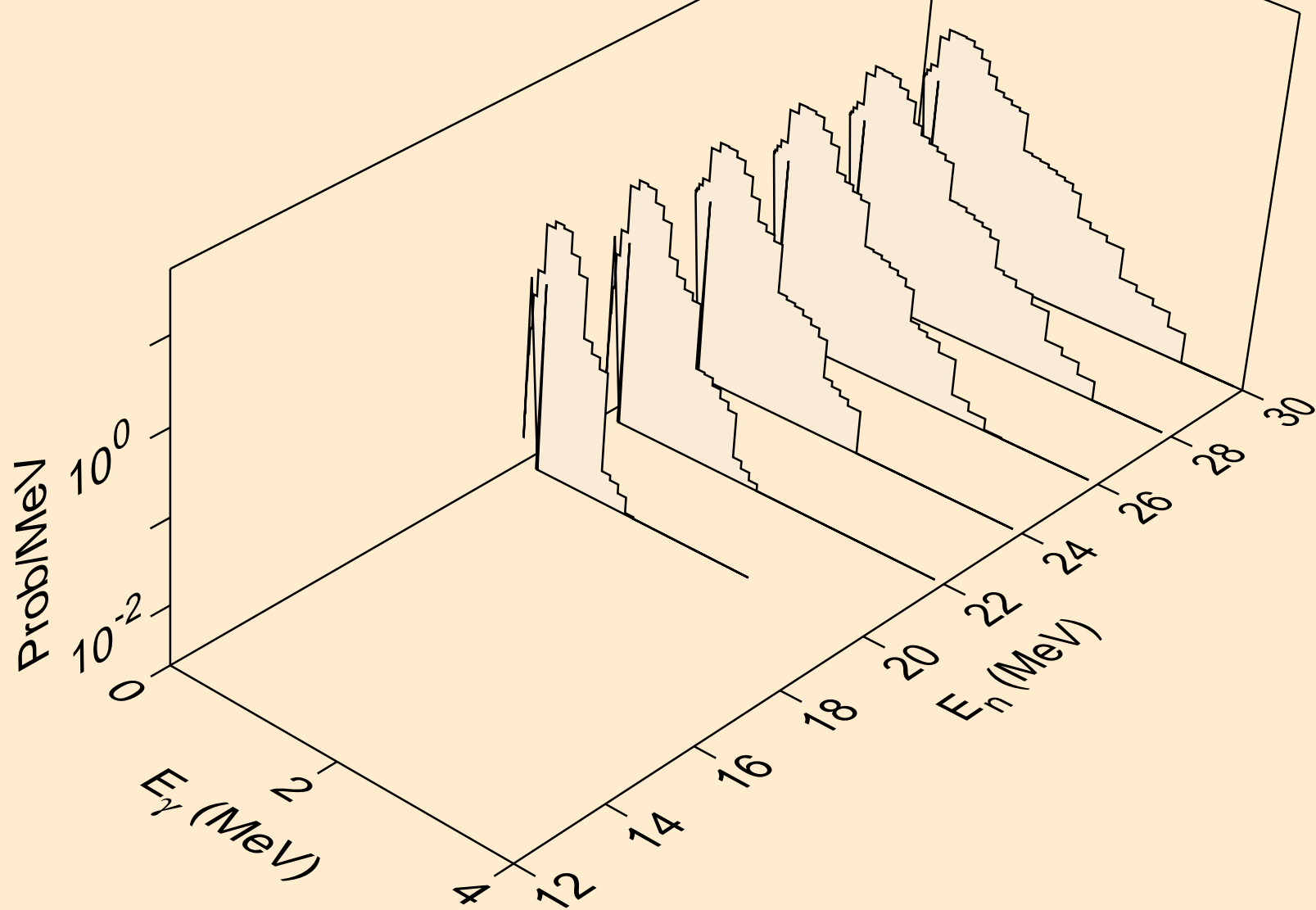
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



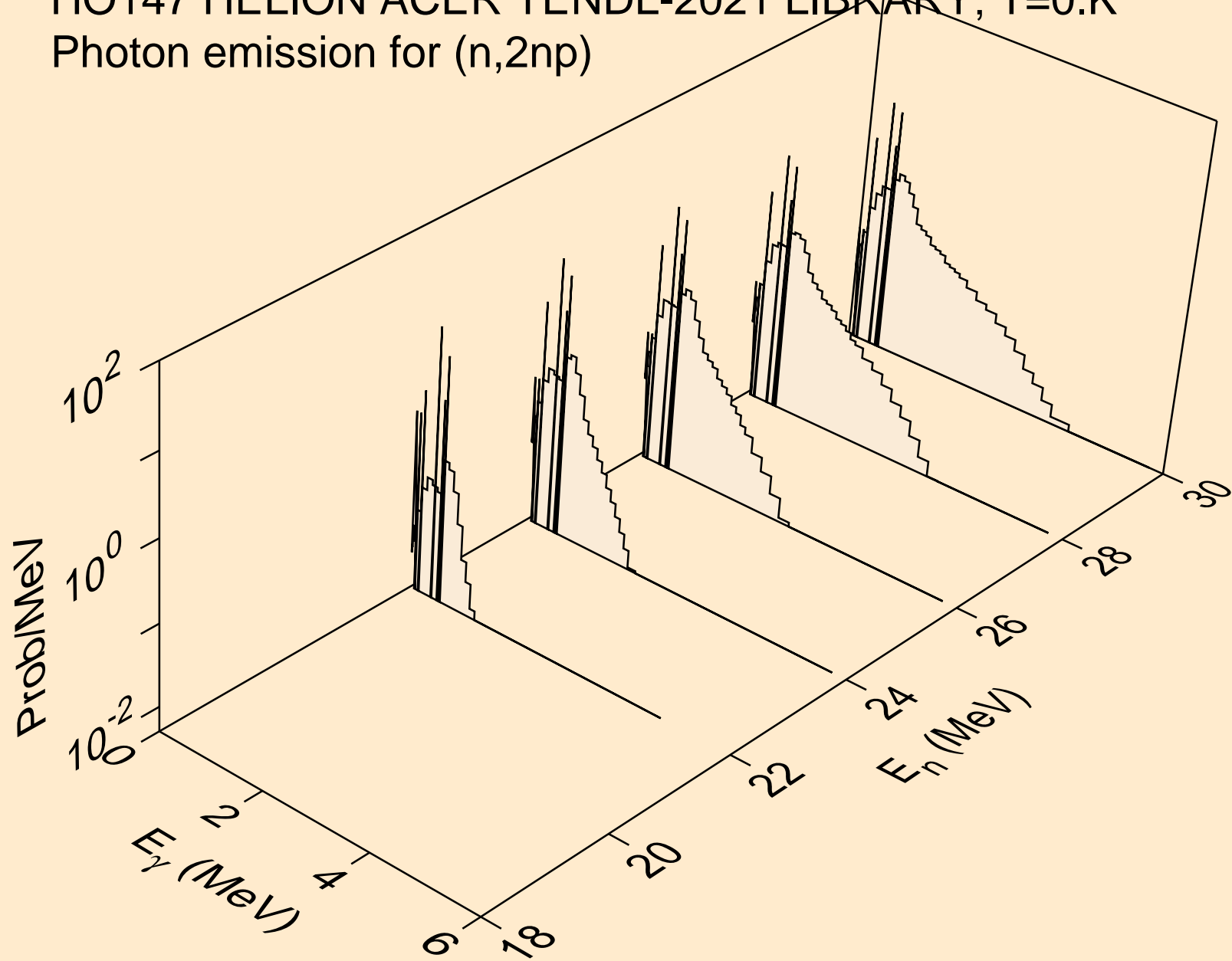
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



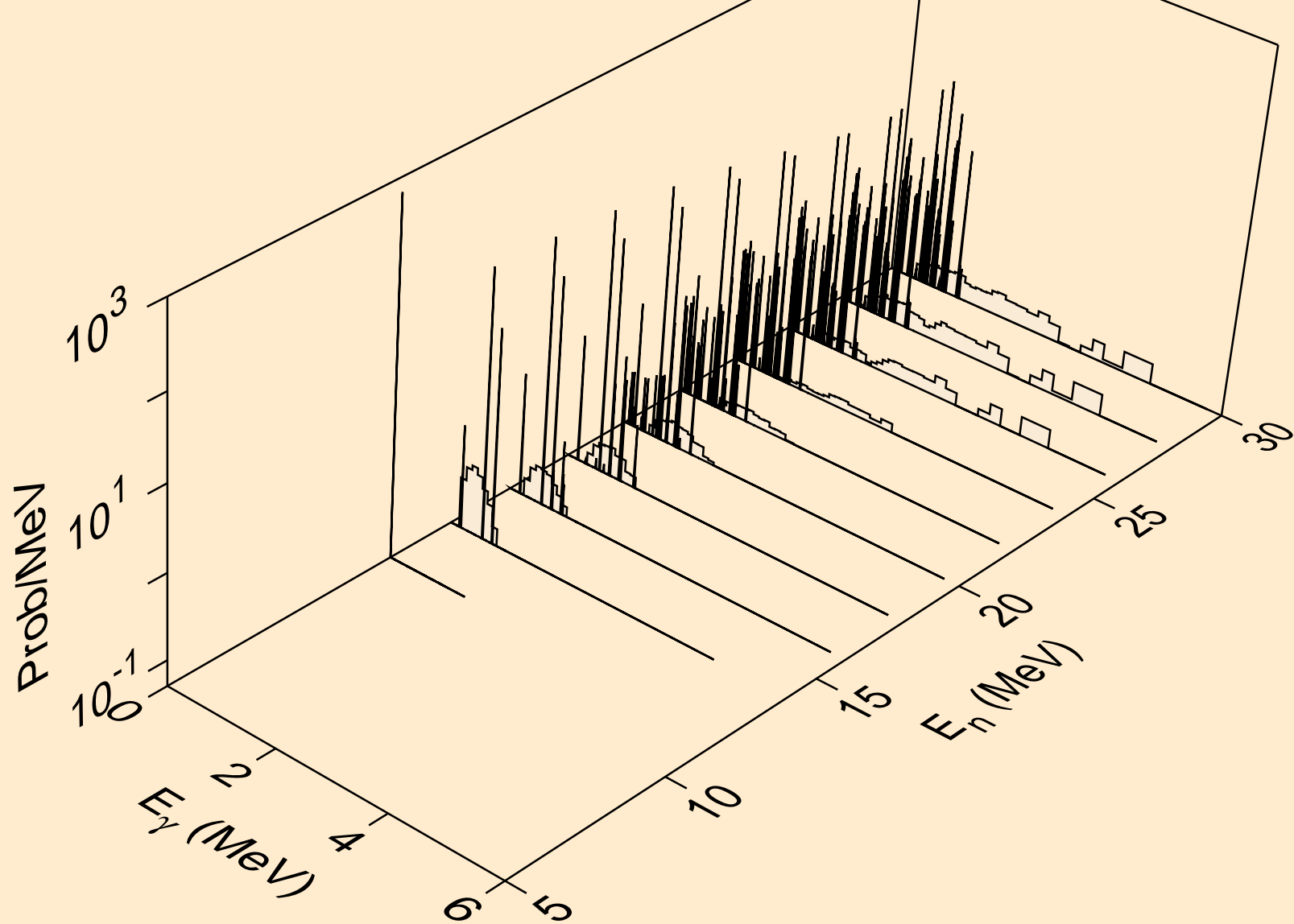
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



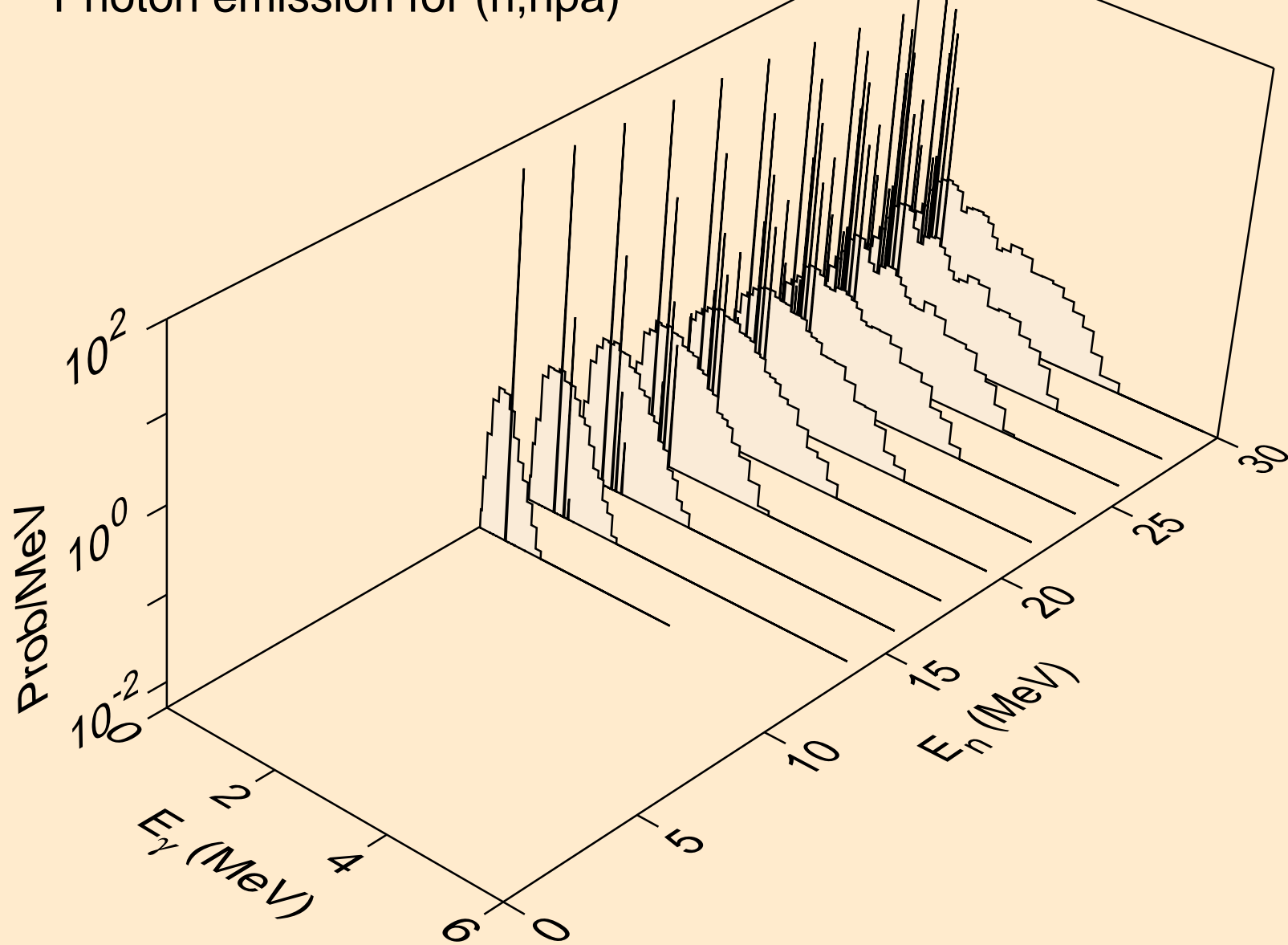
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



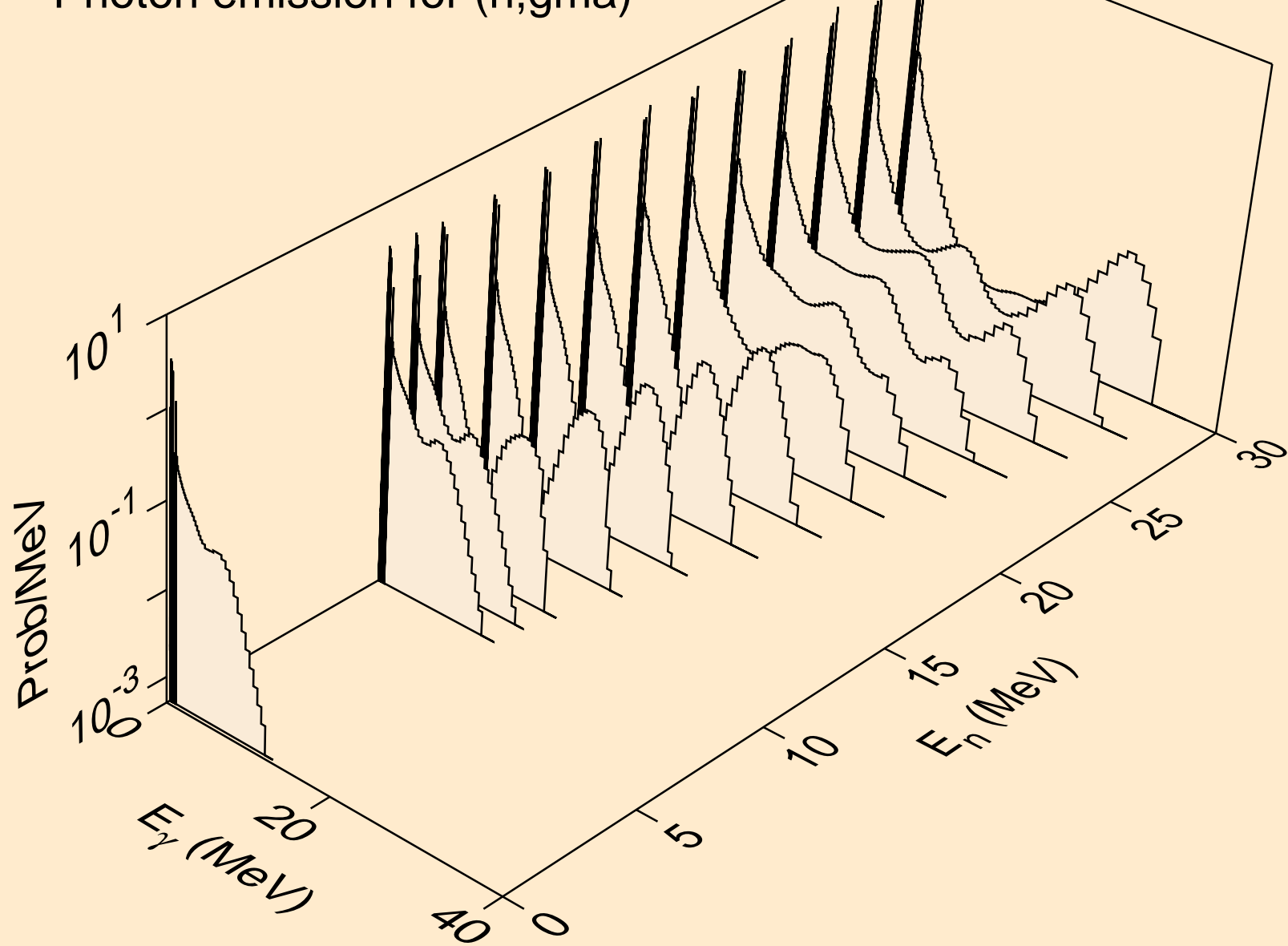
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



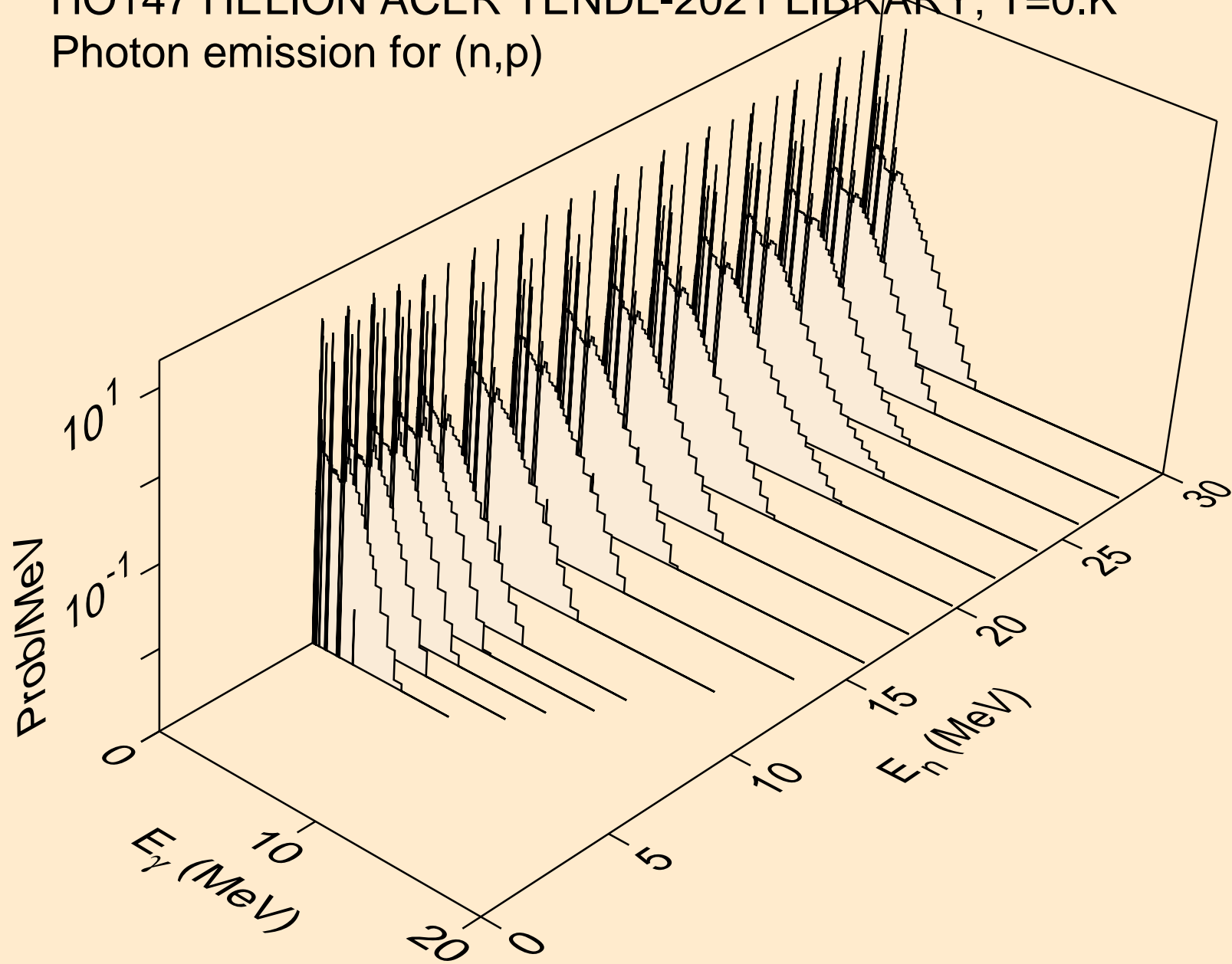
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)

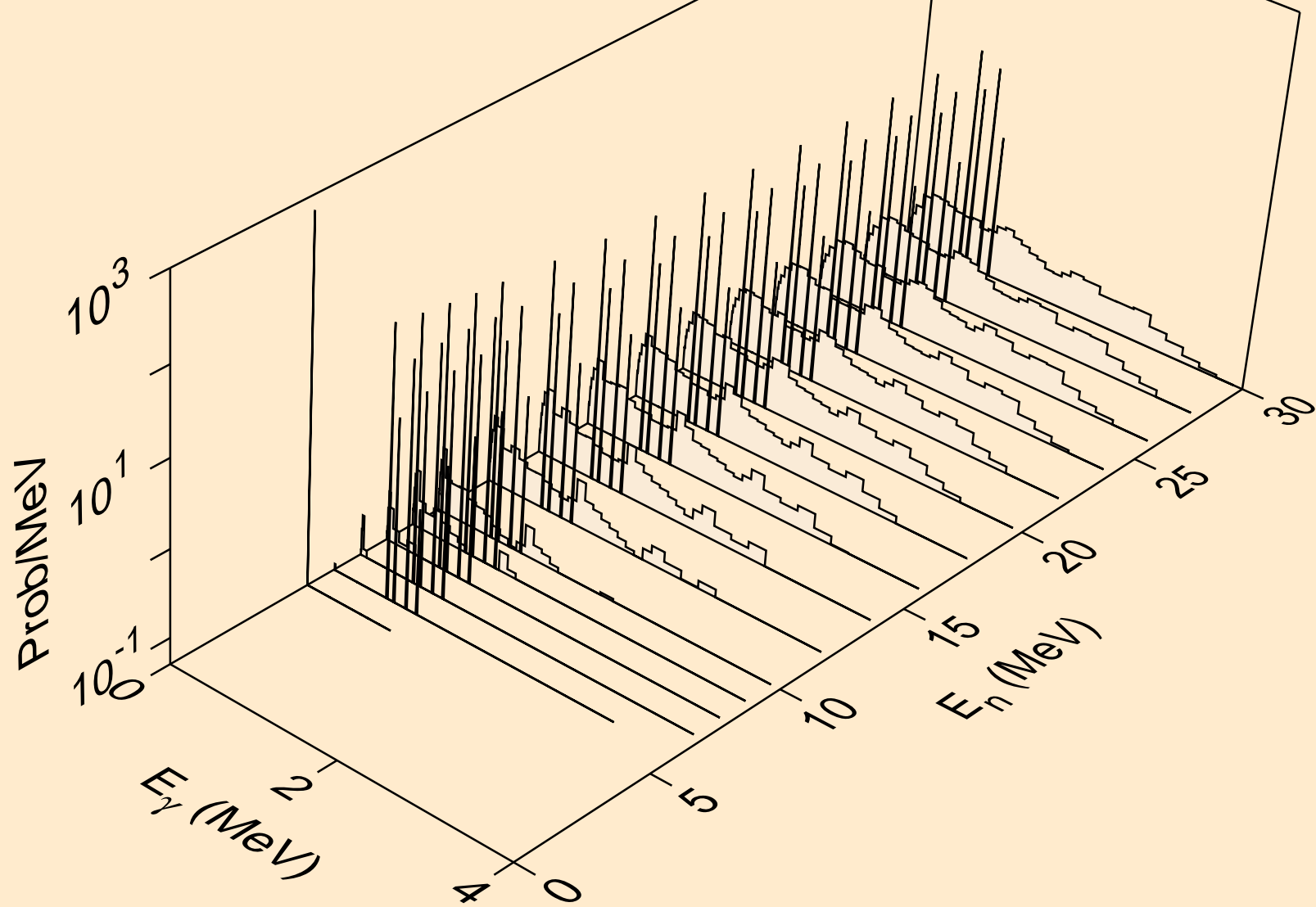


HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

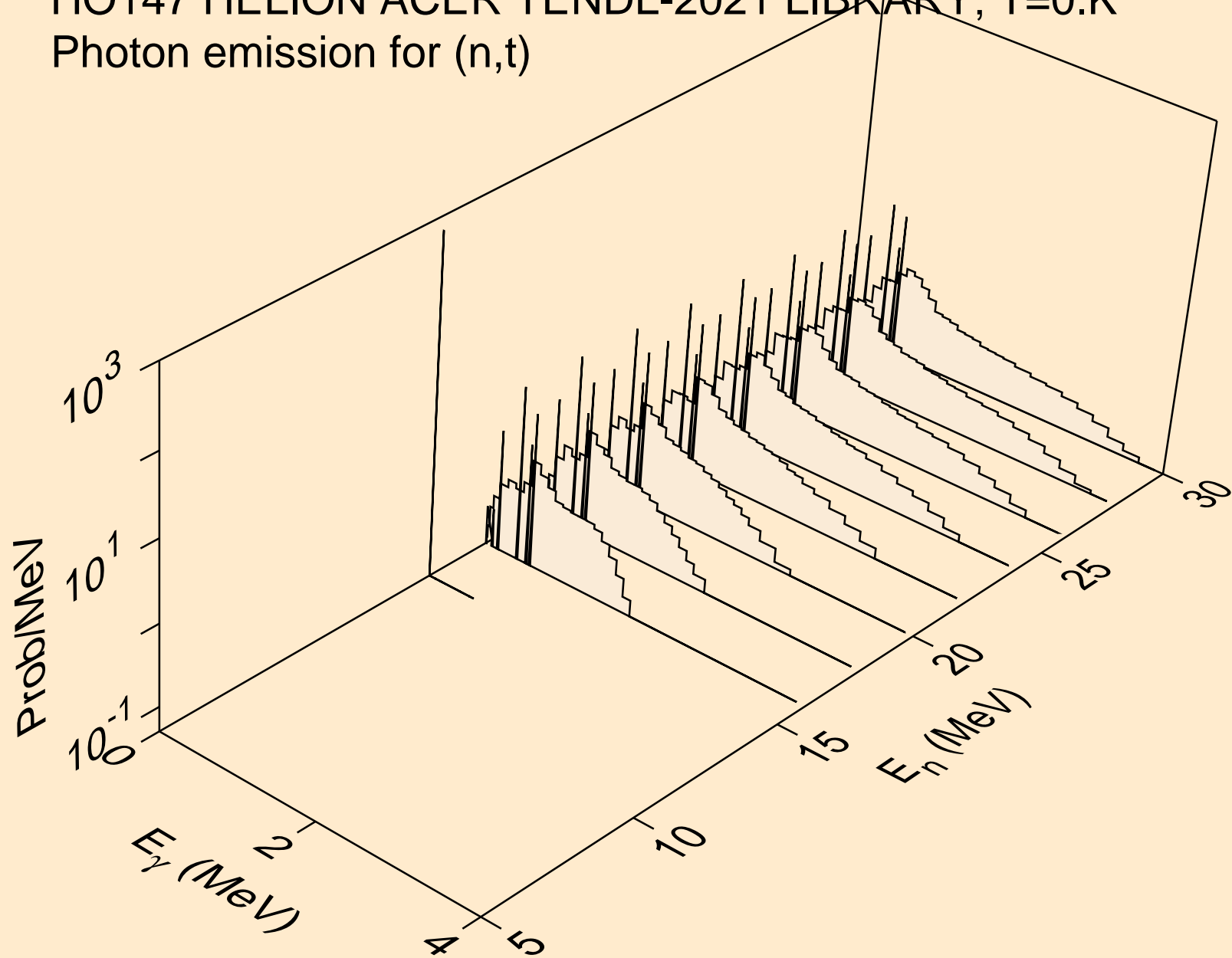




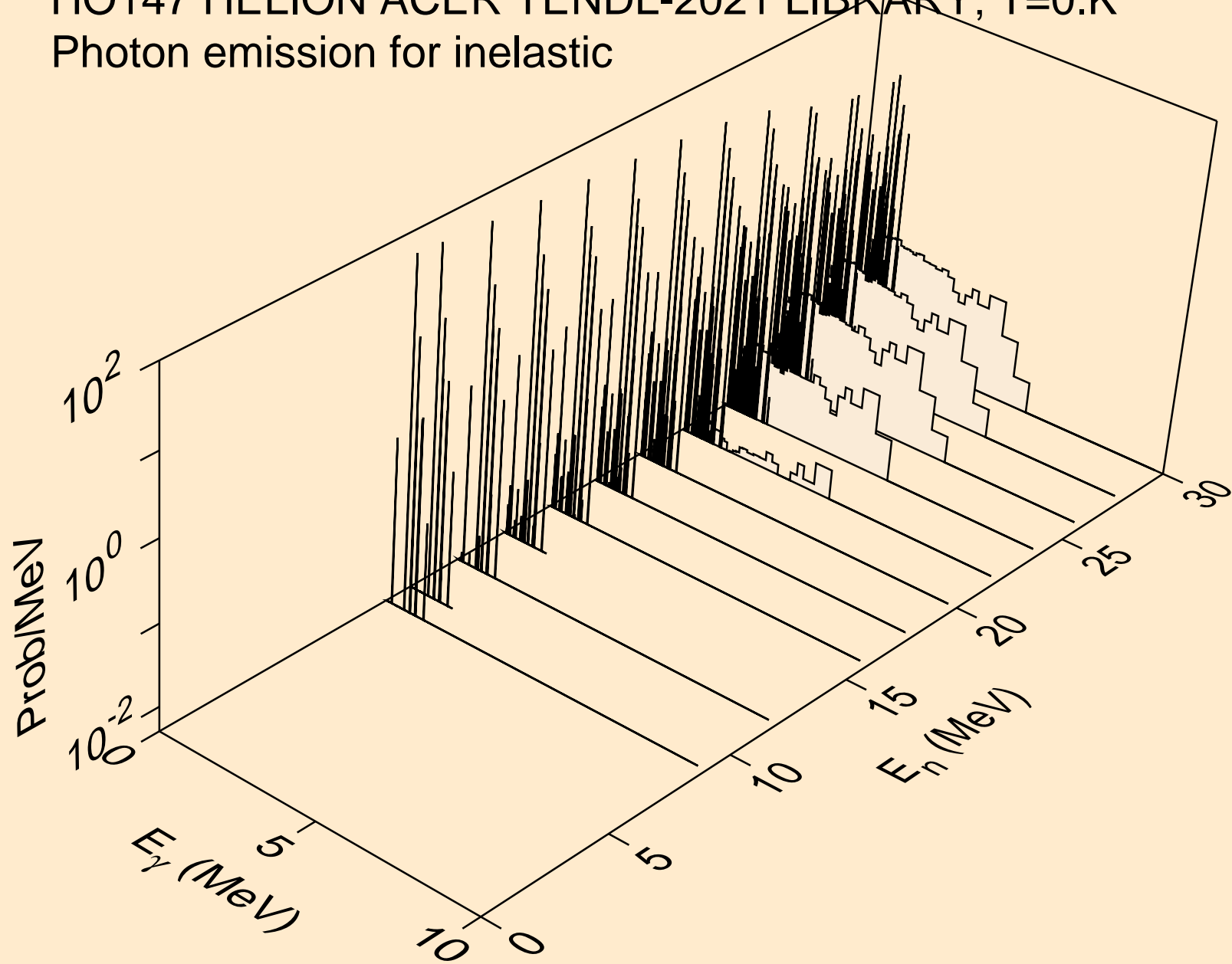
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Photon emission for (n,d)



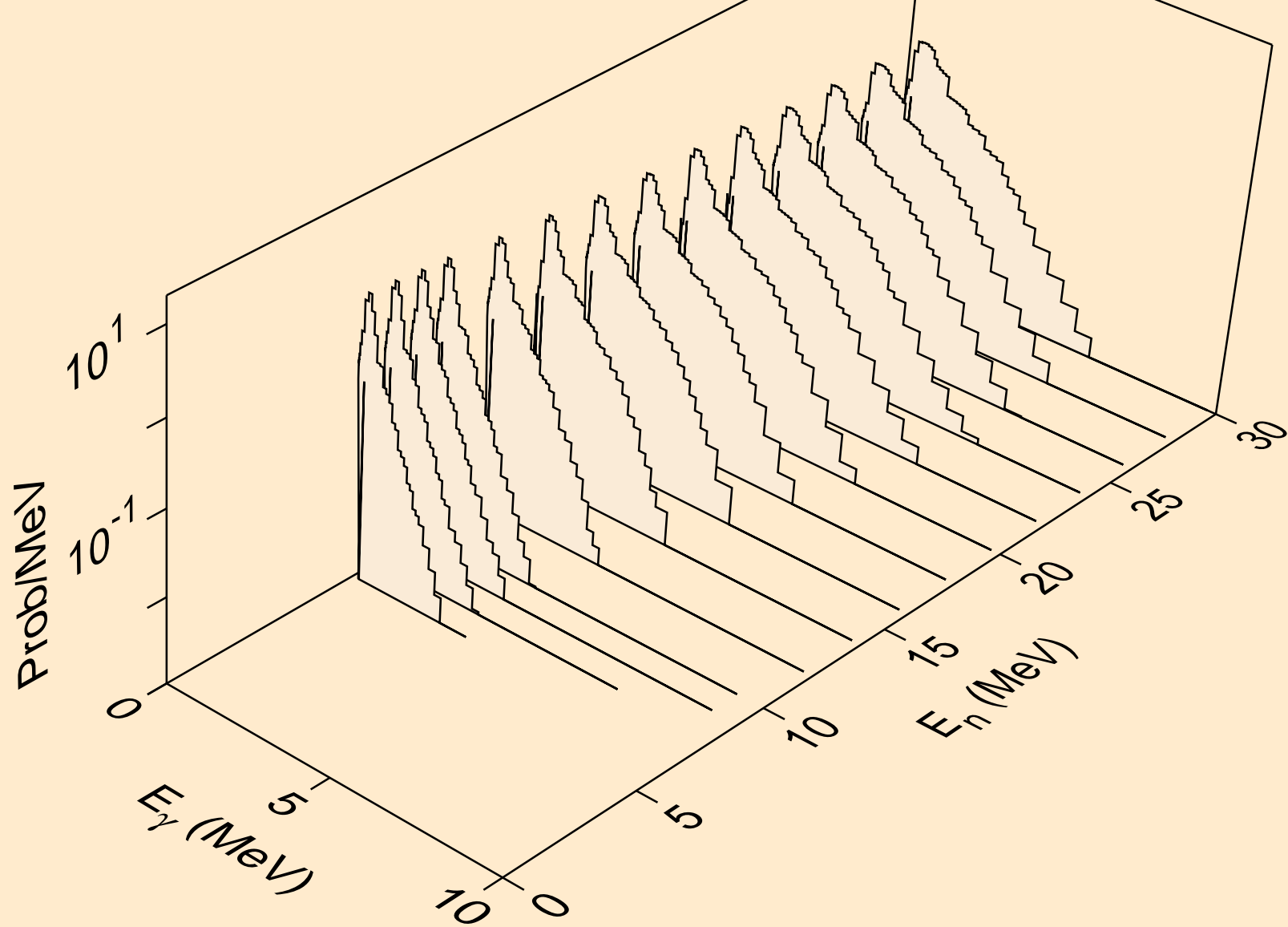
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Photon emission for (n,t)



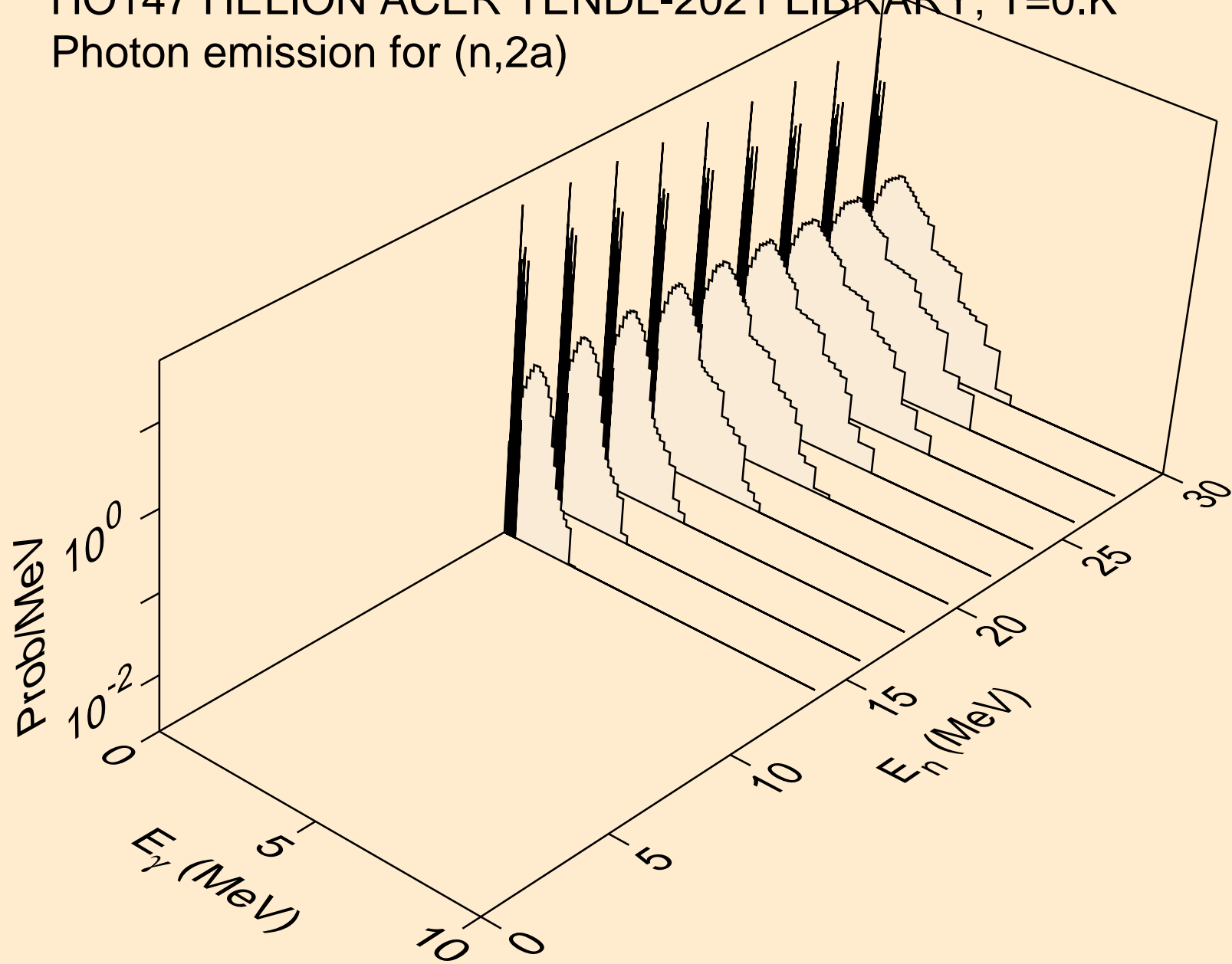
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



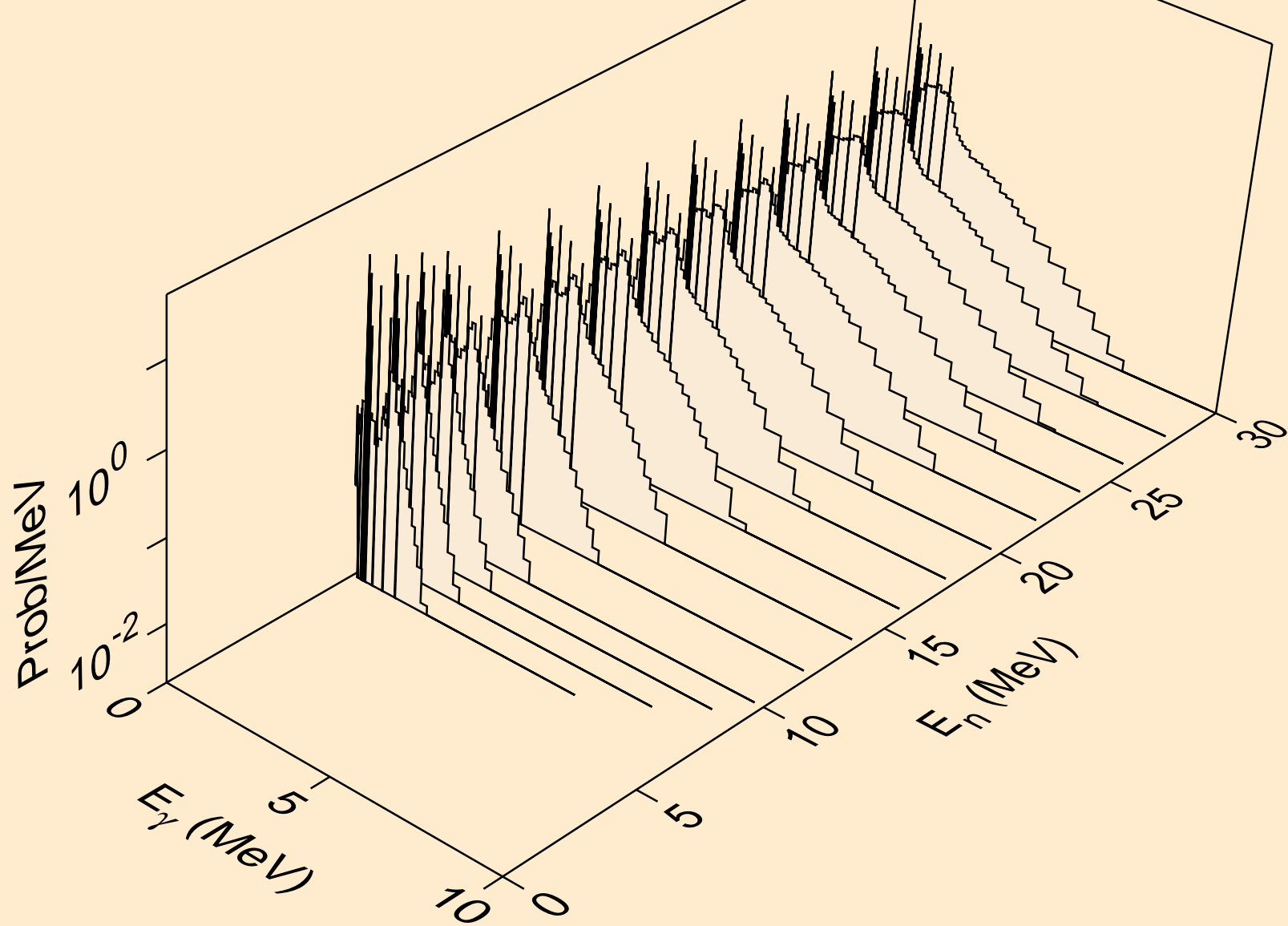
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Photon emission for (n,a)



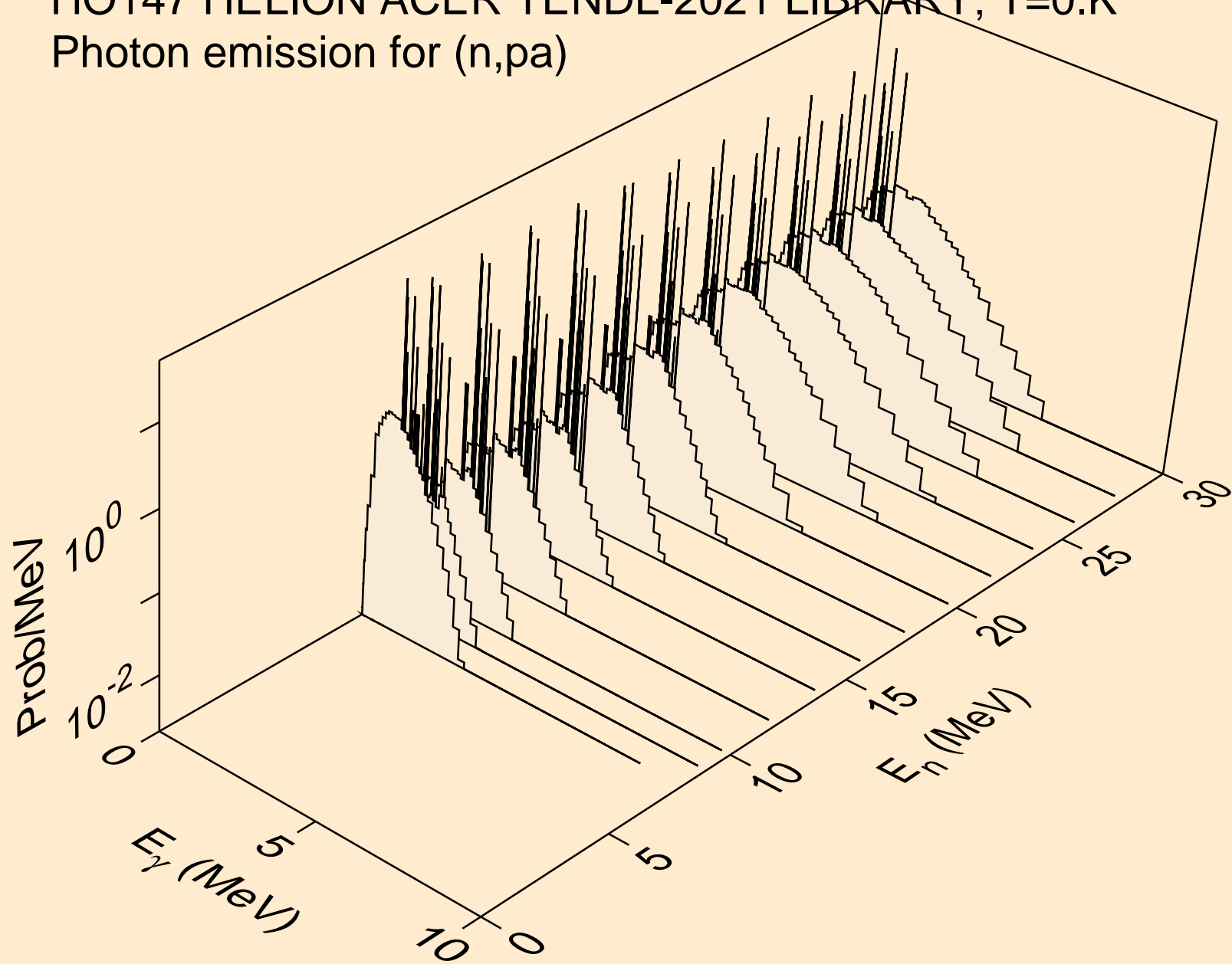
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Photon emission for (n,2a)



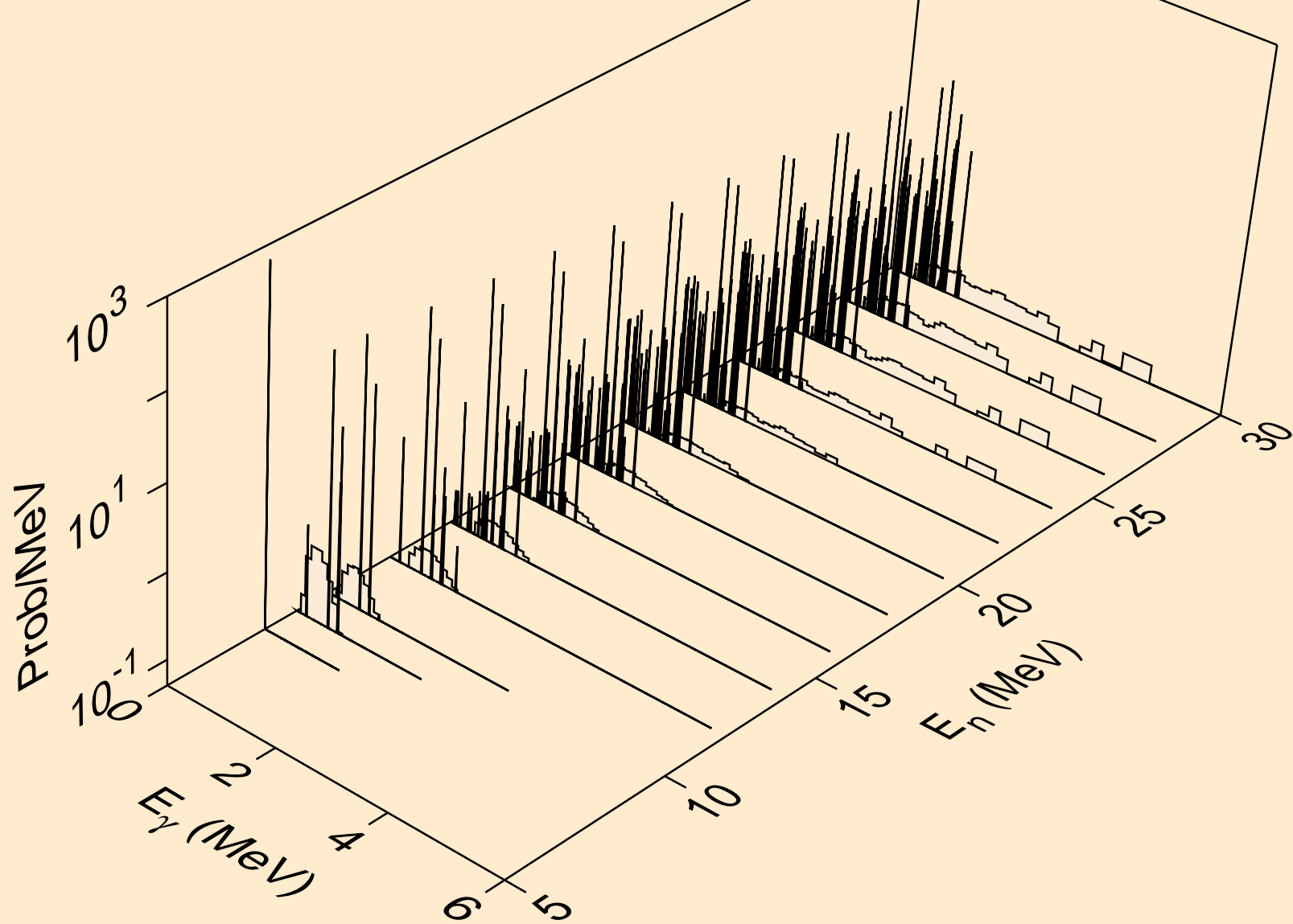
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

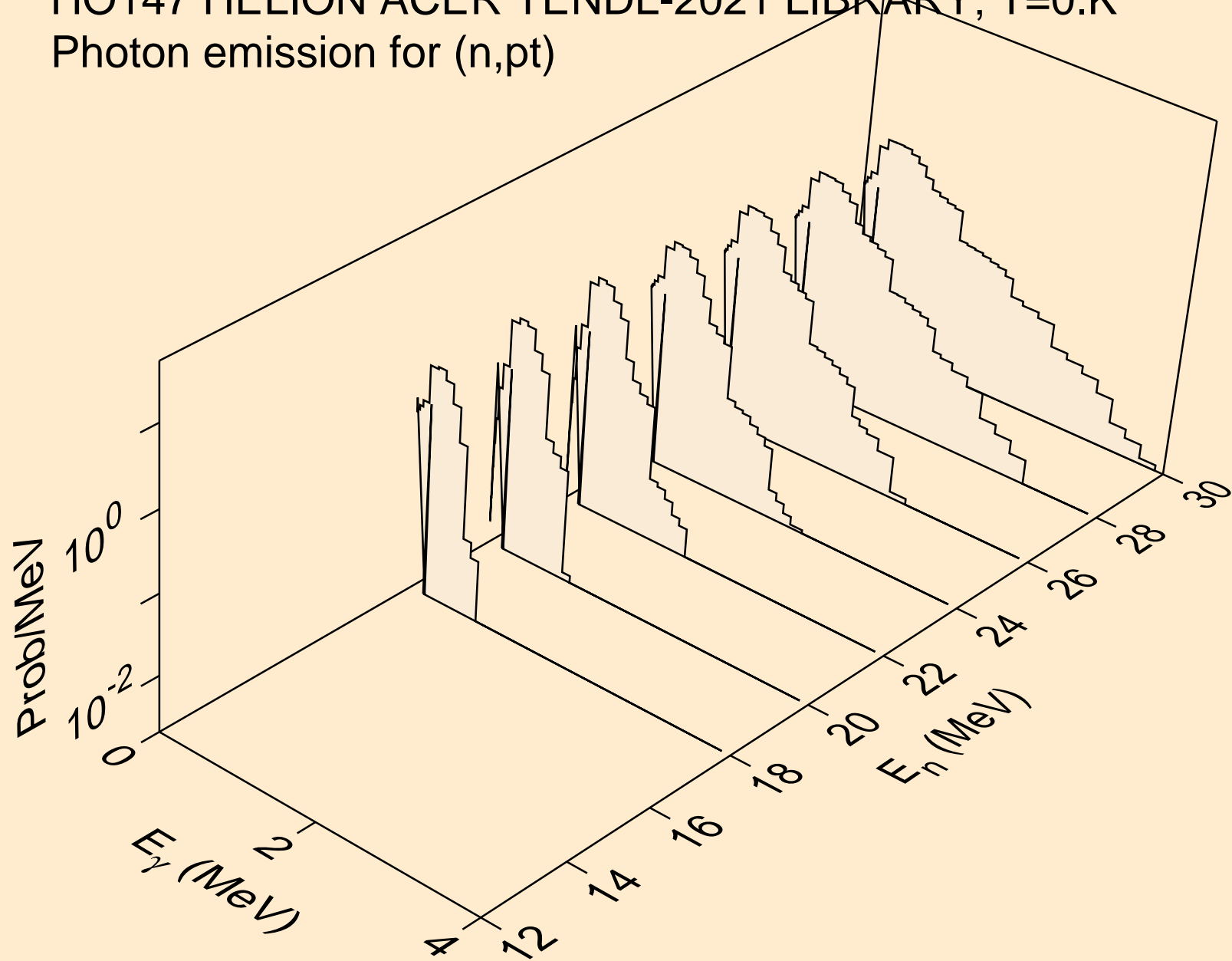


HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

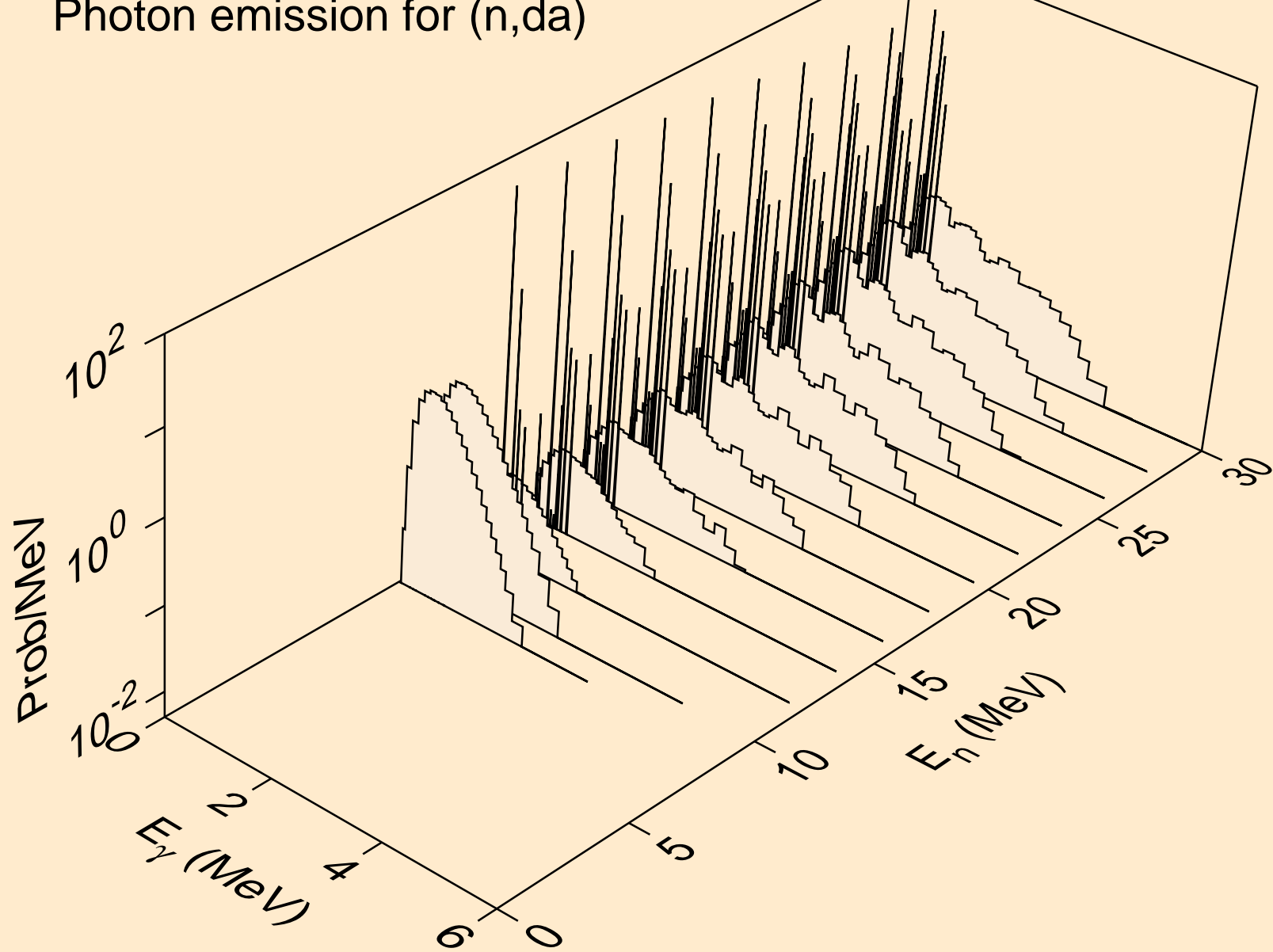




HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

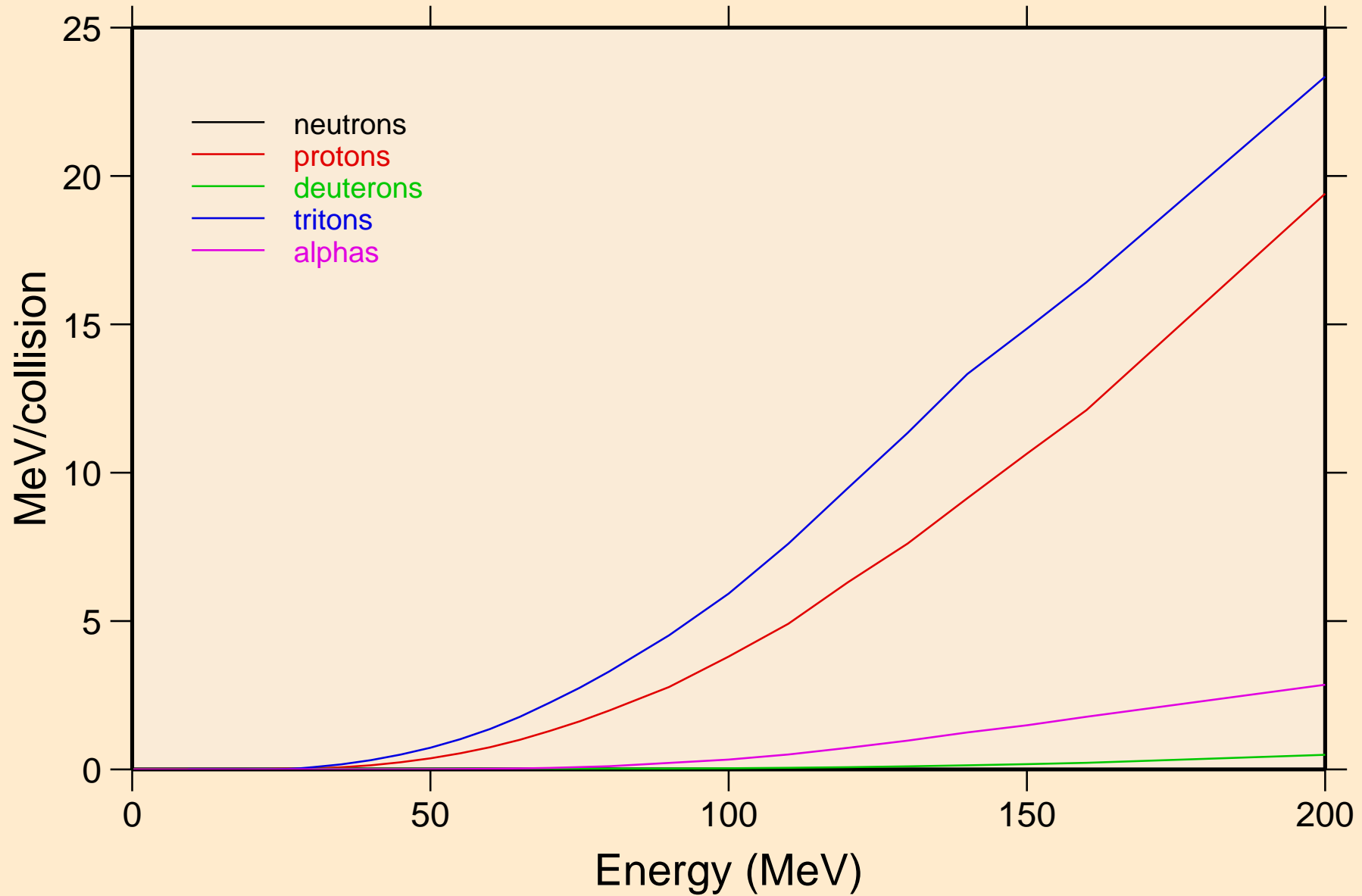


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Photon emission for (n,da)

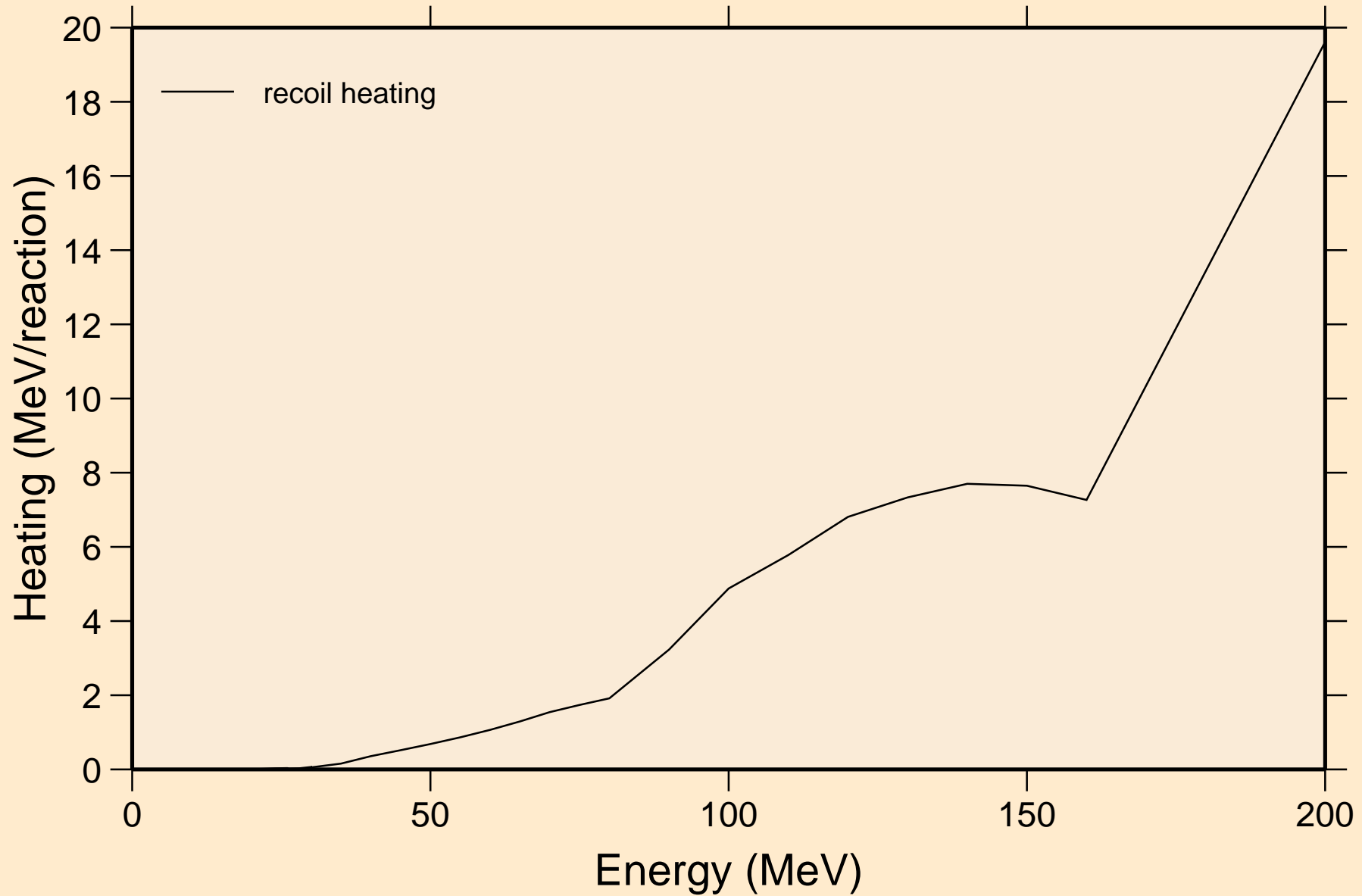


# HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K

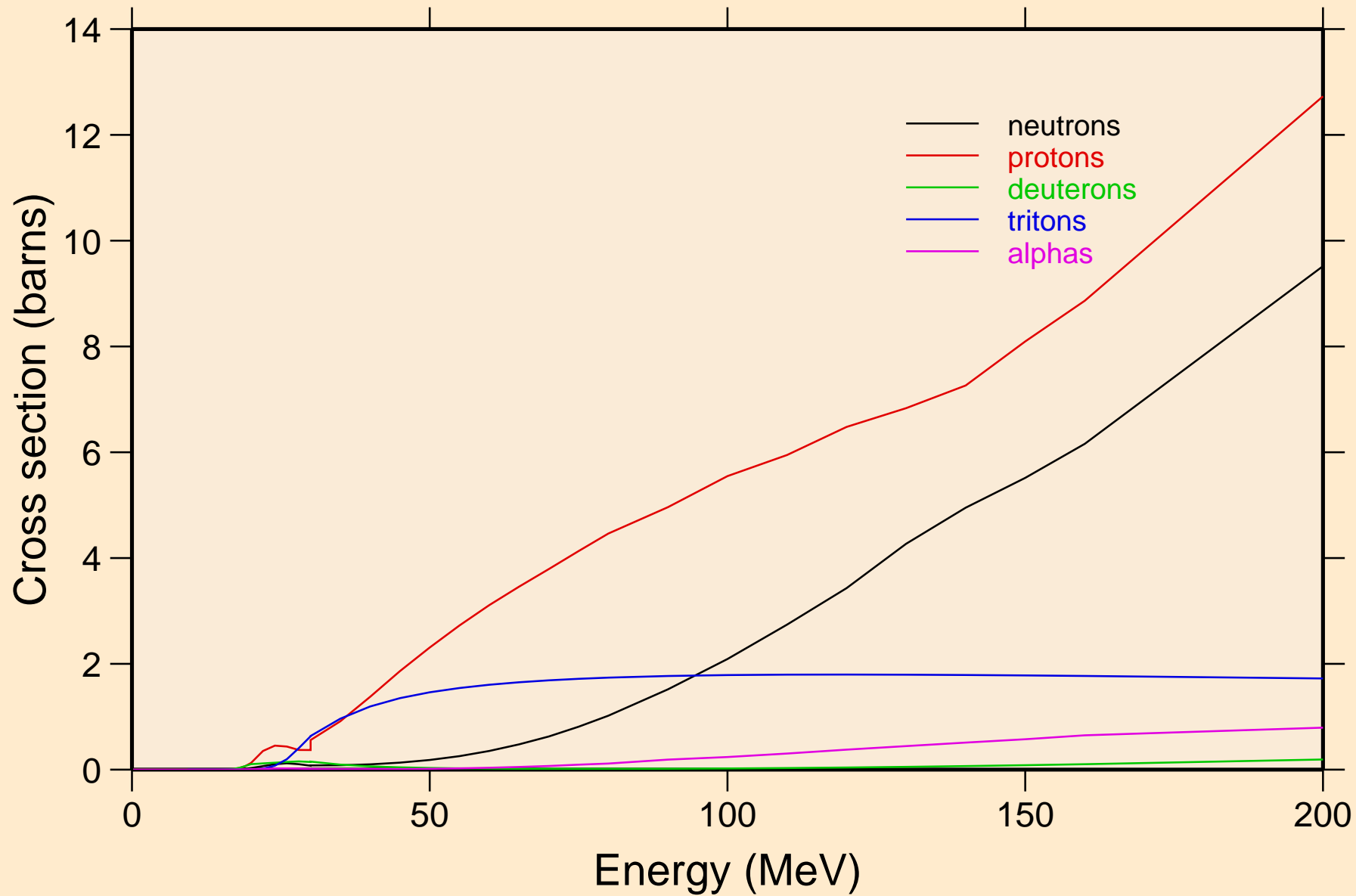
## Particle heating contributions



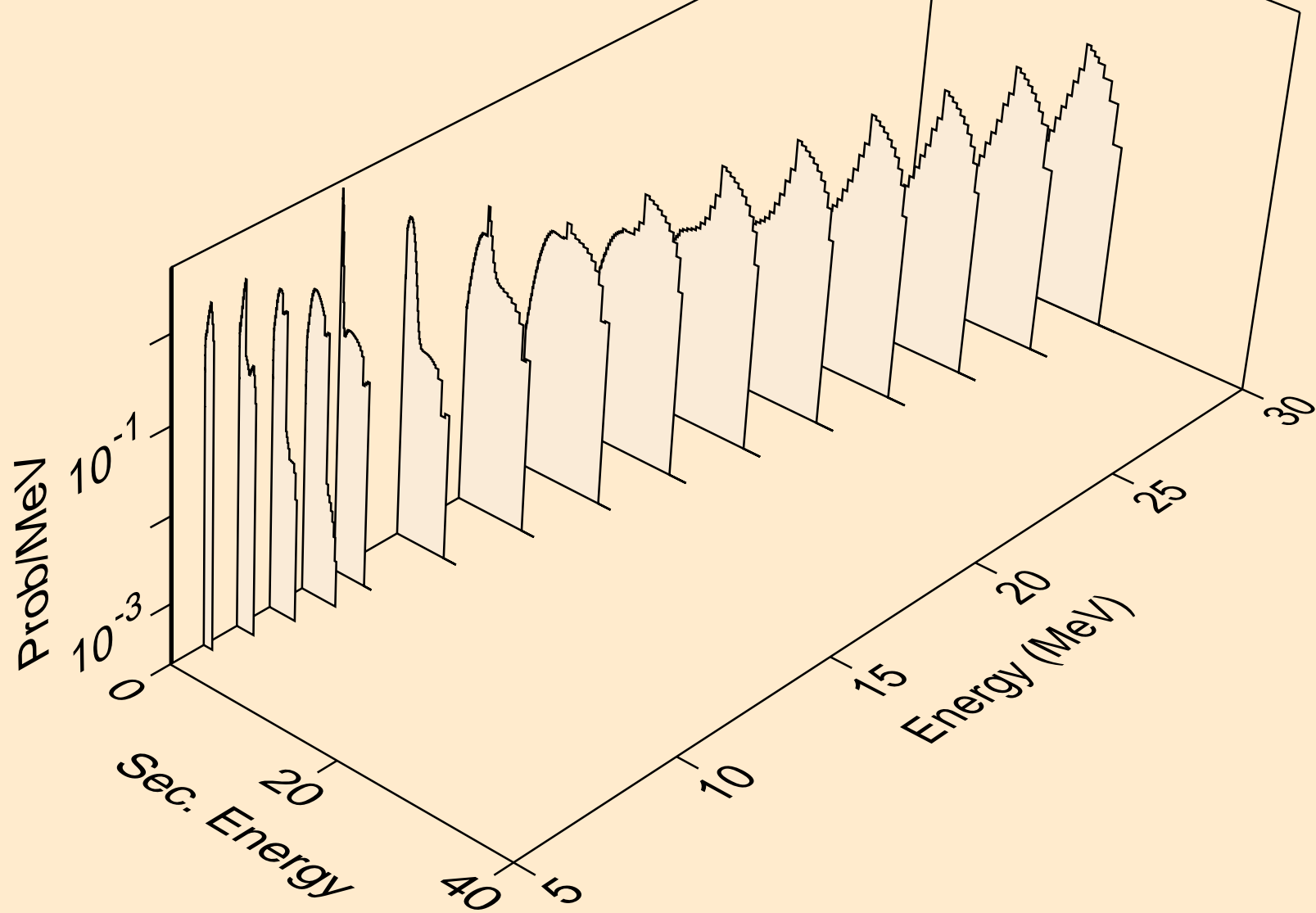
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



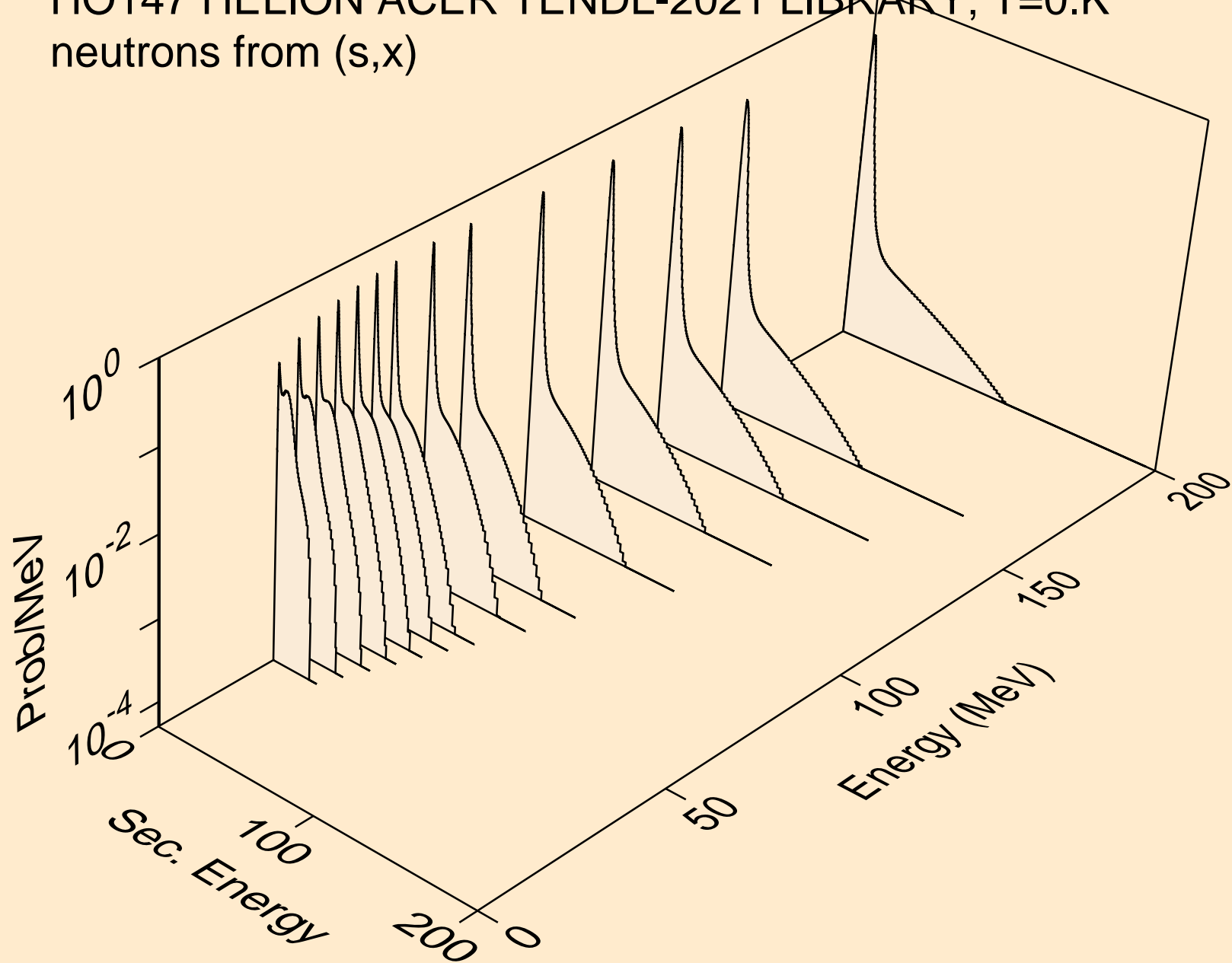
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



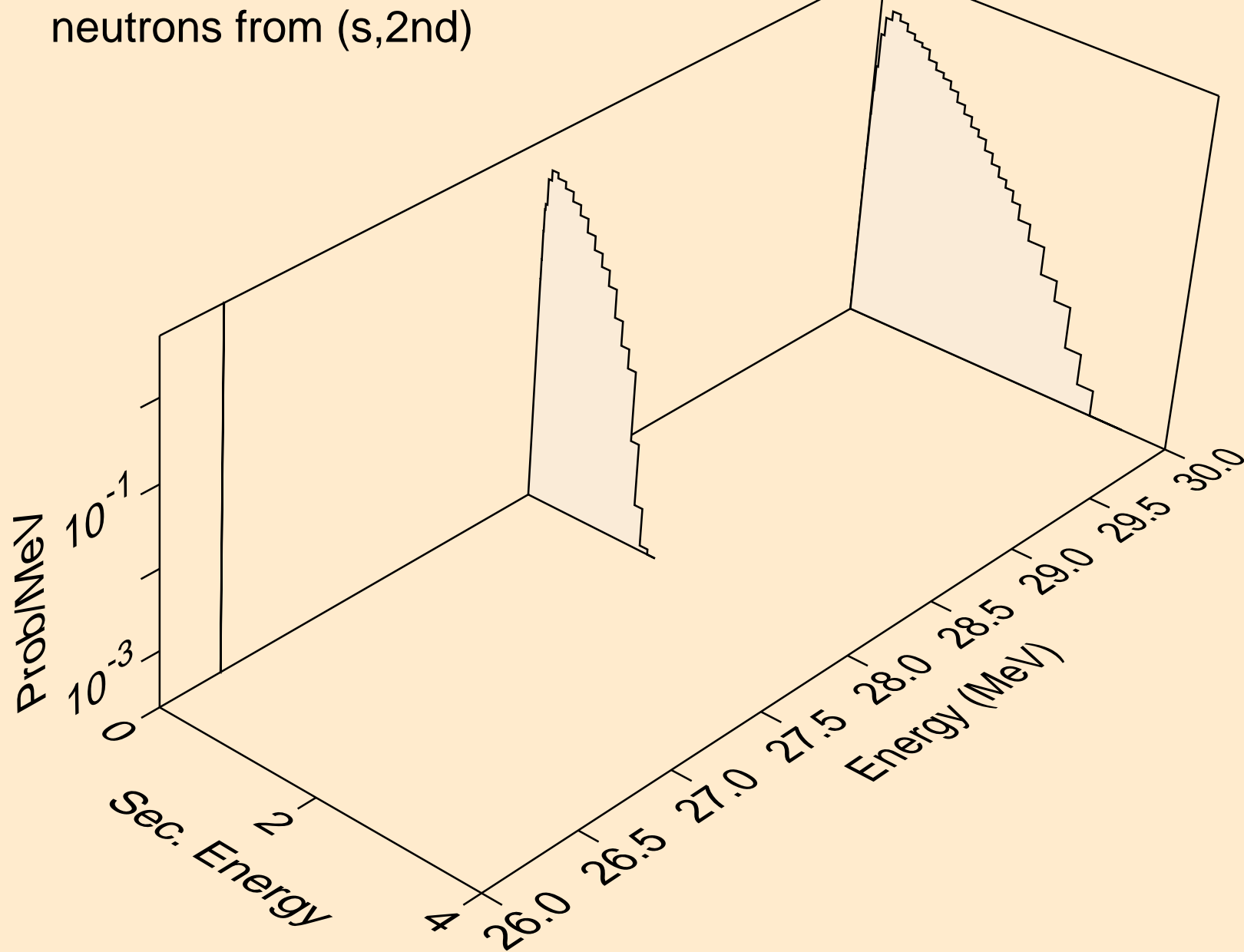
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)

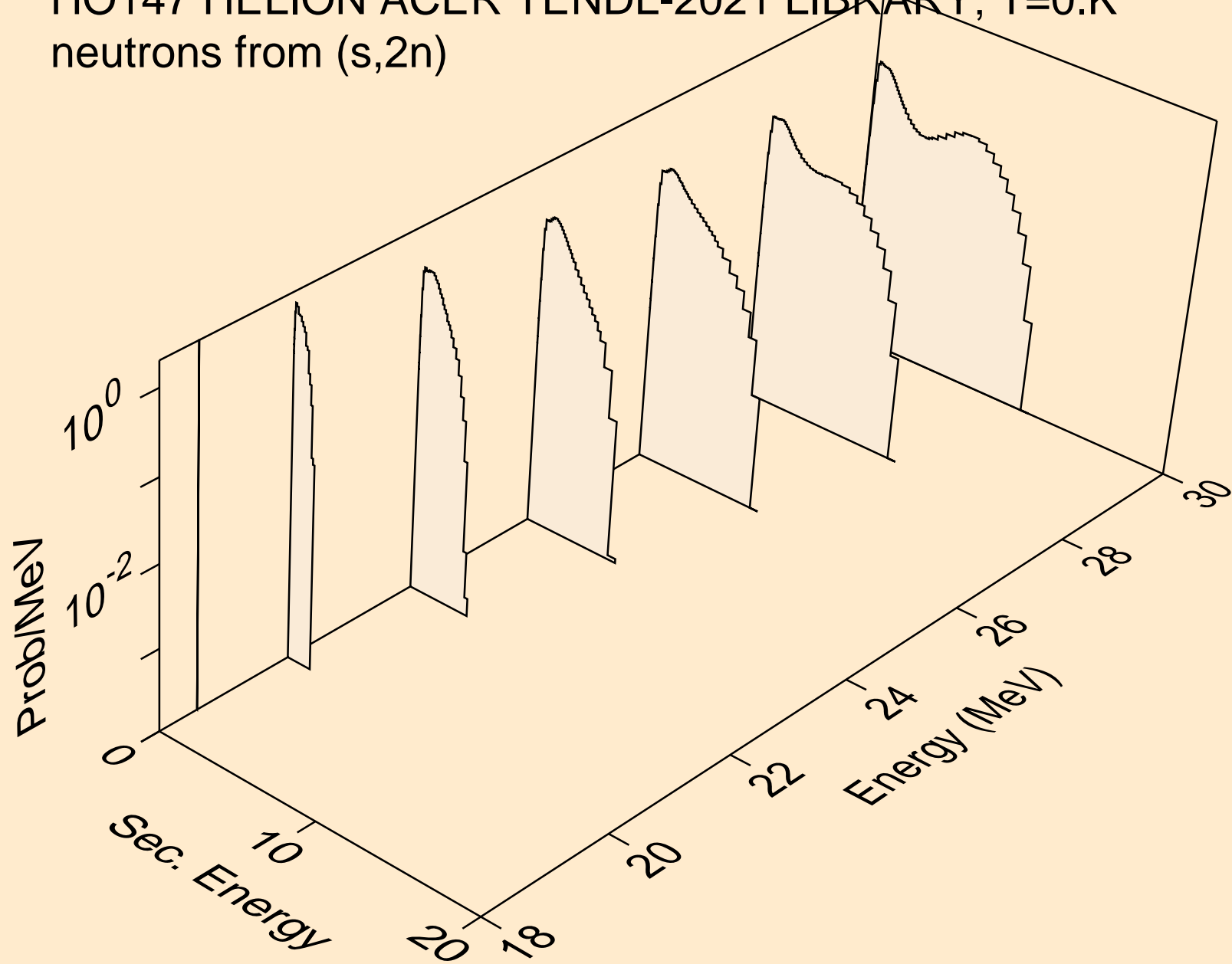


HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)

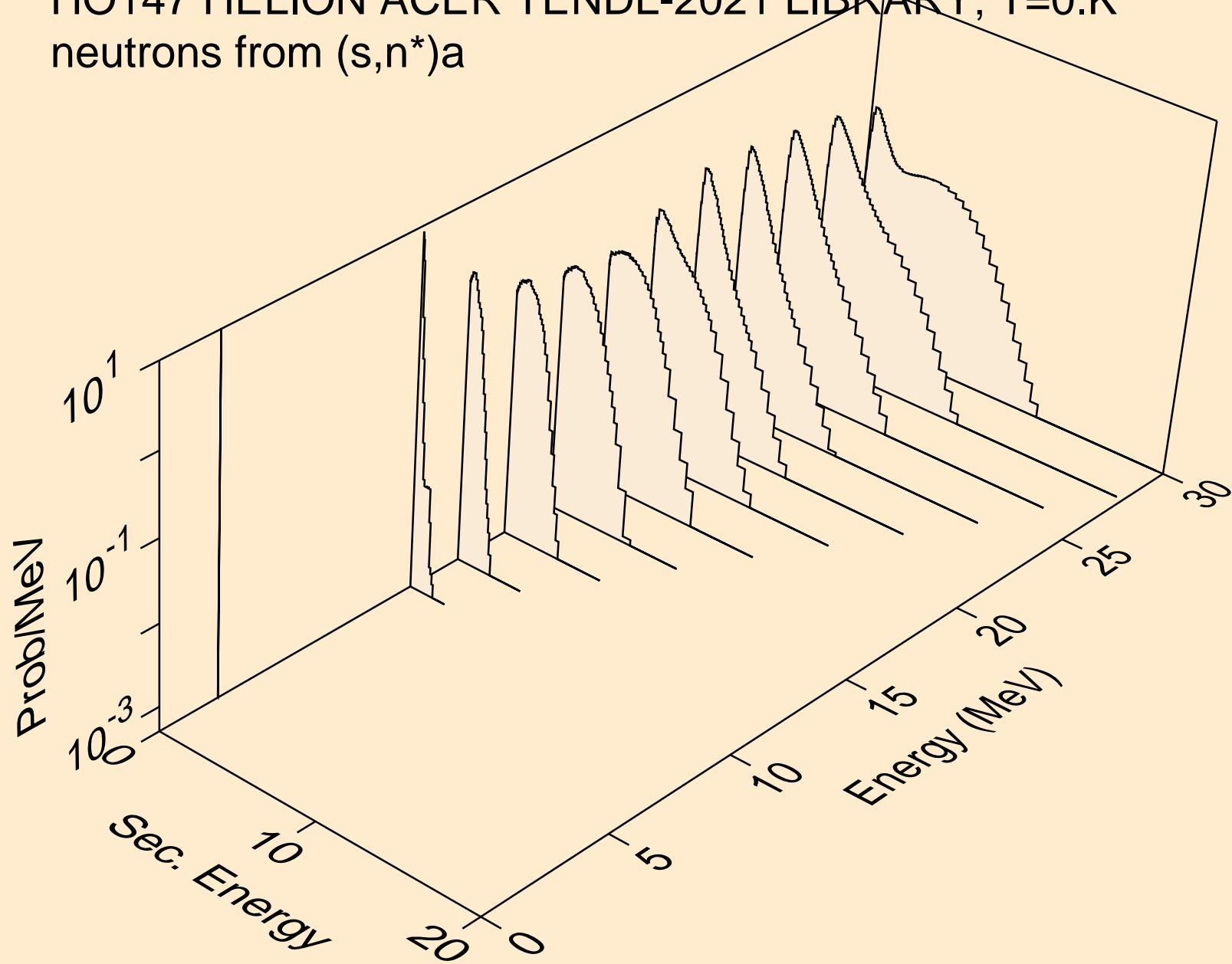




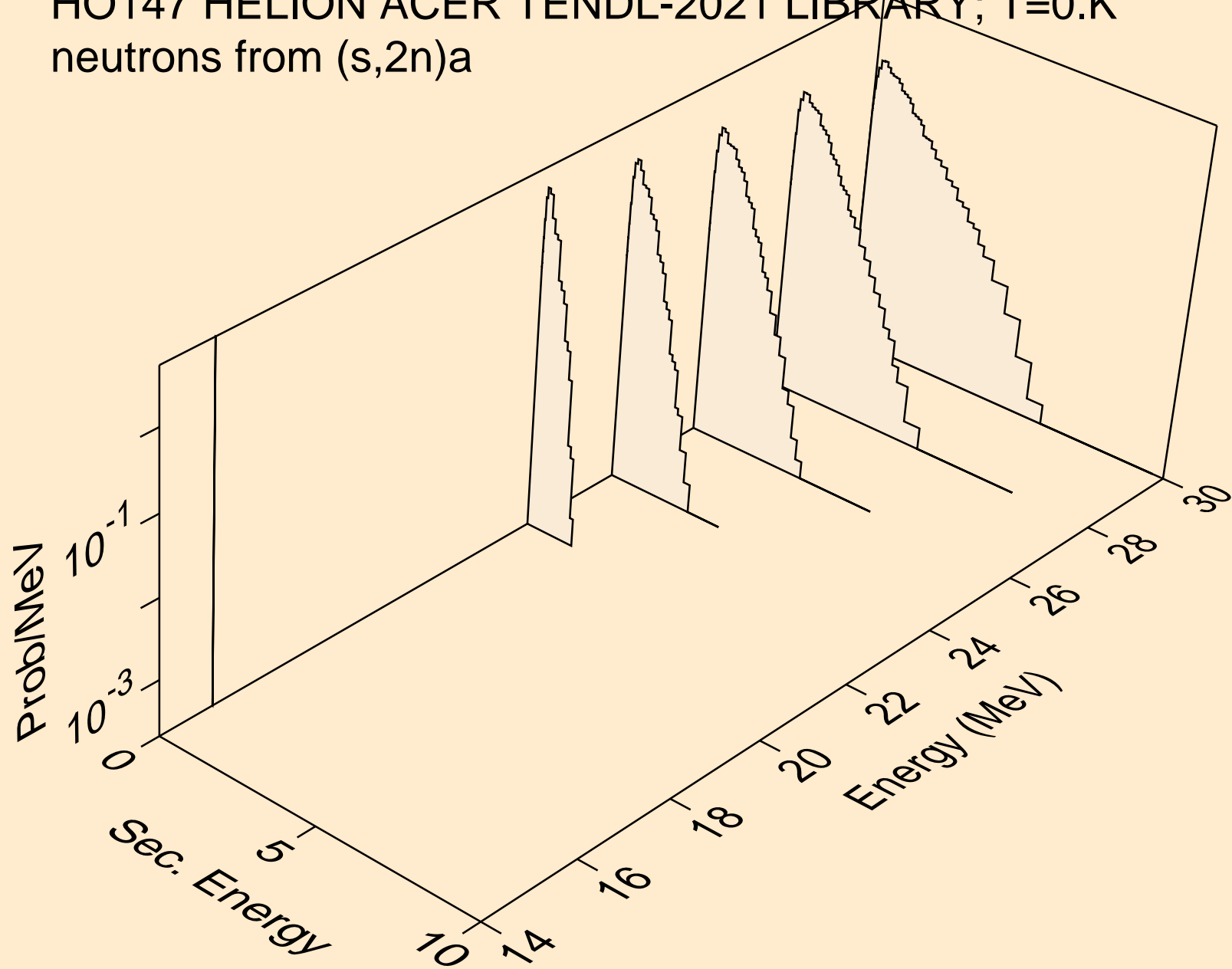
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neutrons from (s,2n)



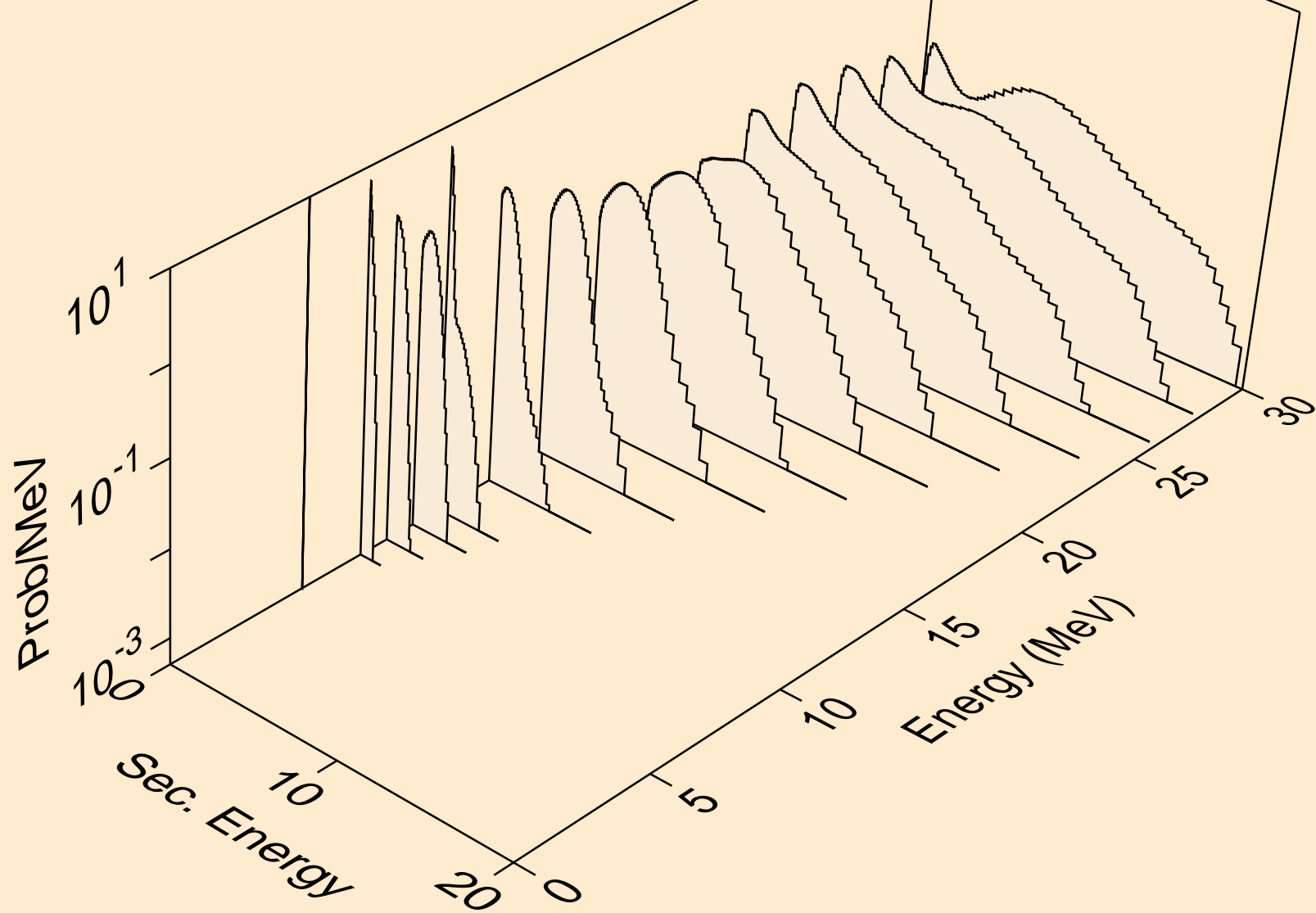
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



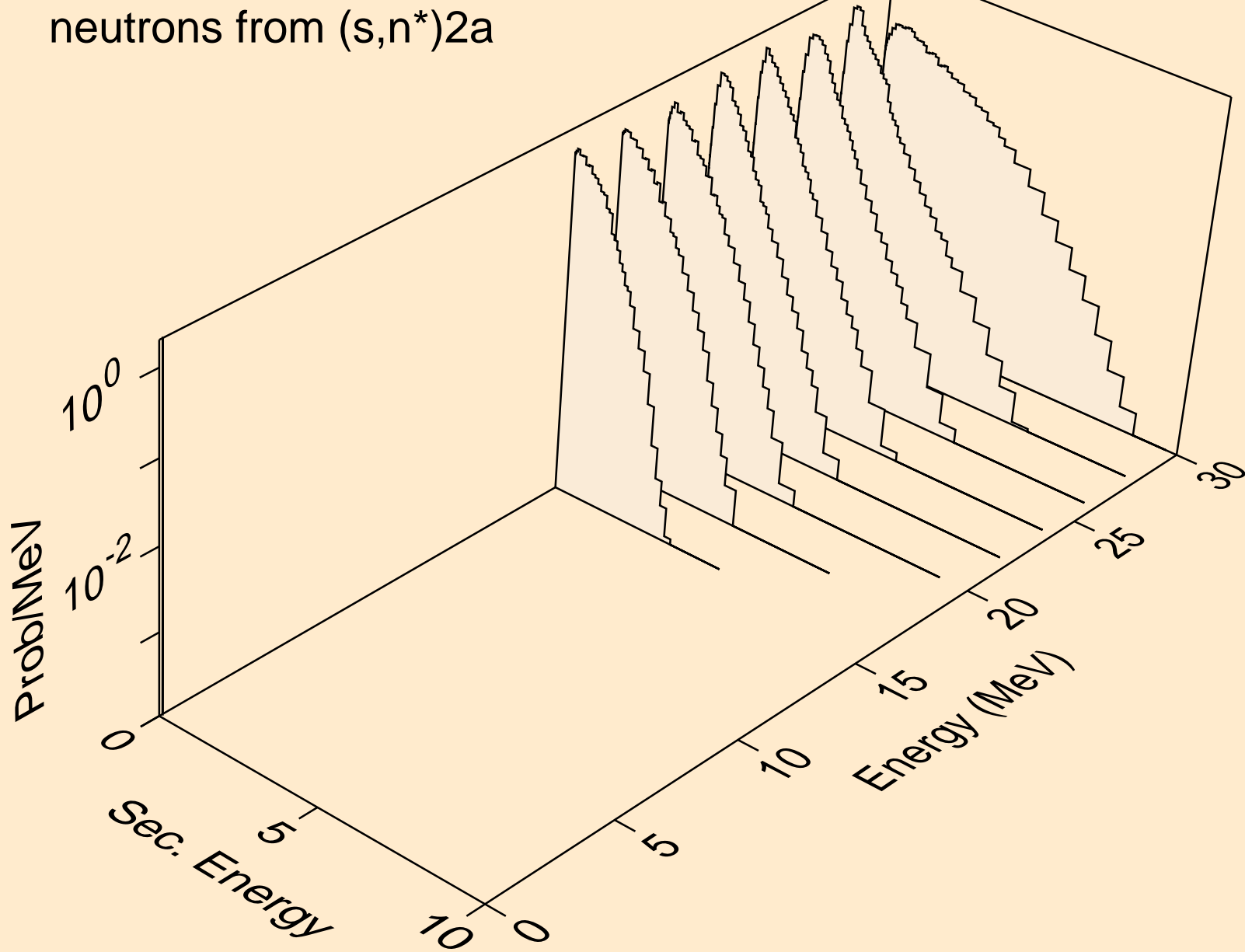
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neutrons from (s,2n)a



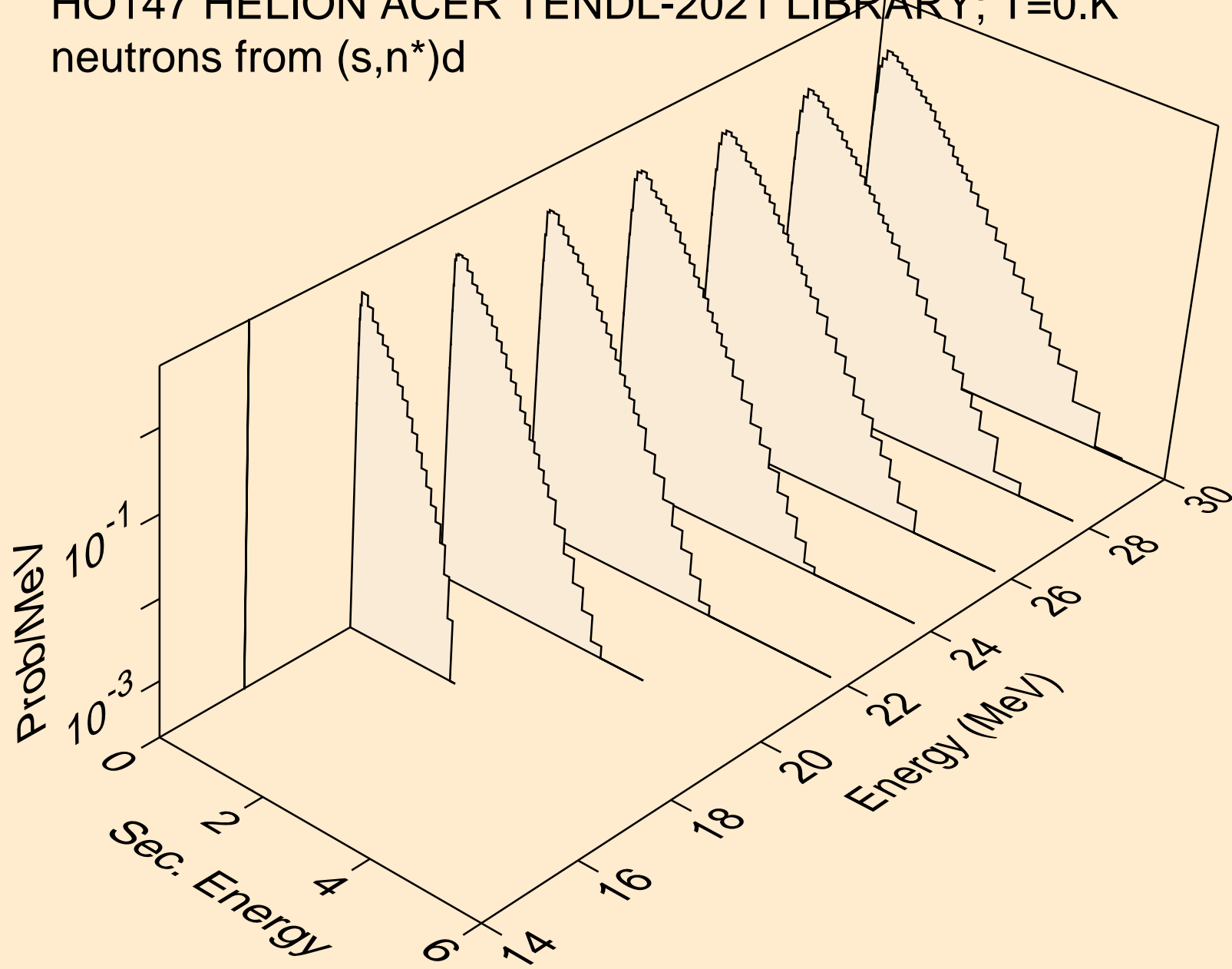
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neutrons from (s,n\*)p



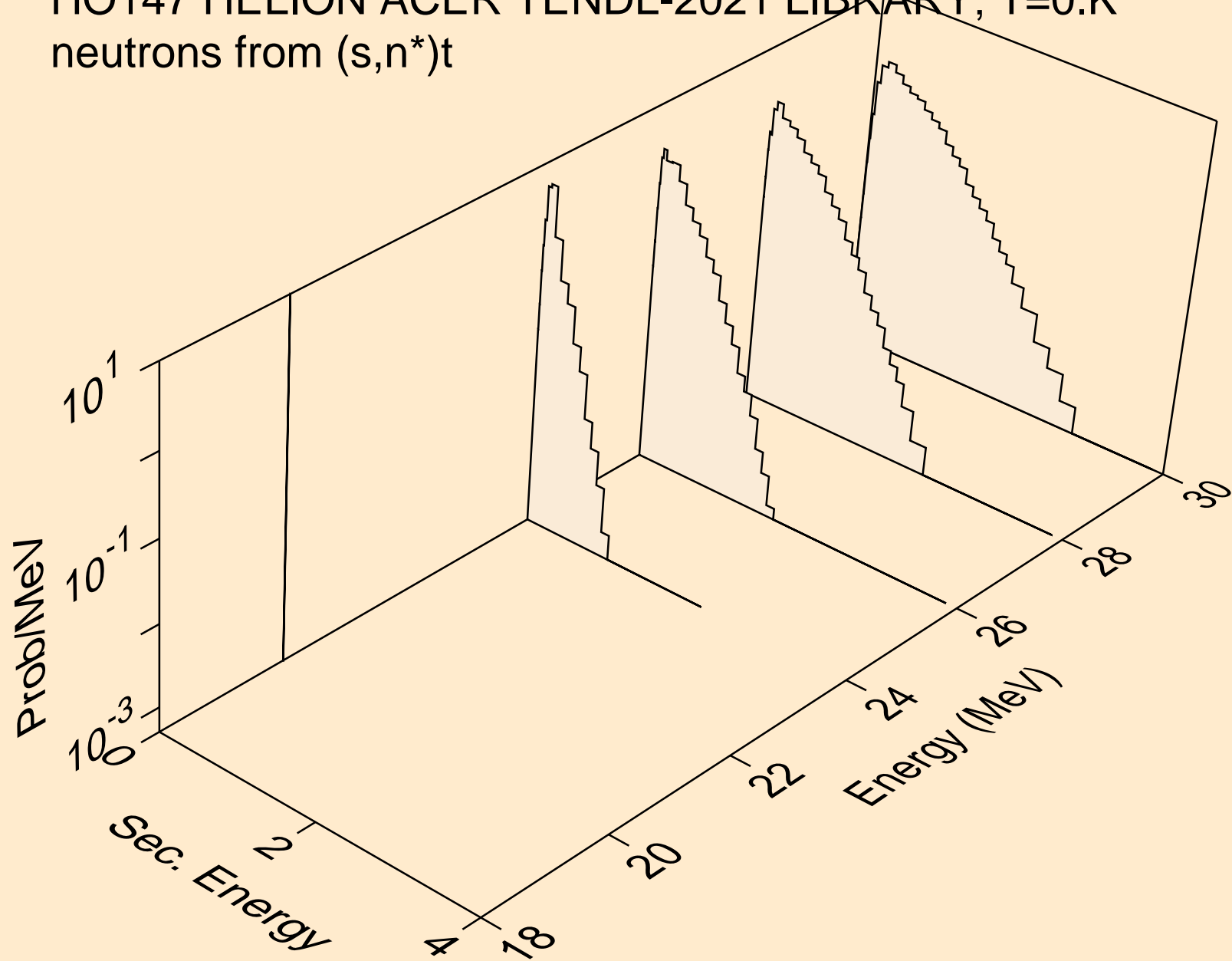
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neutrons from (s,n\*)2a



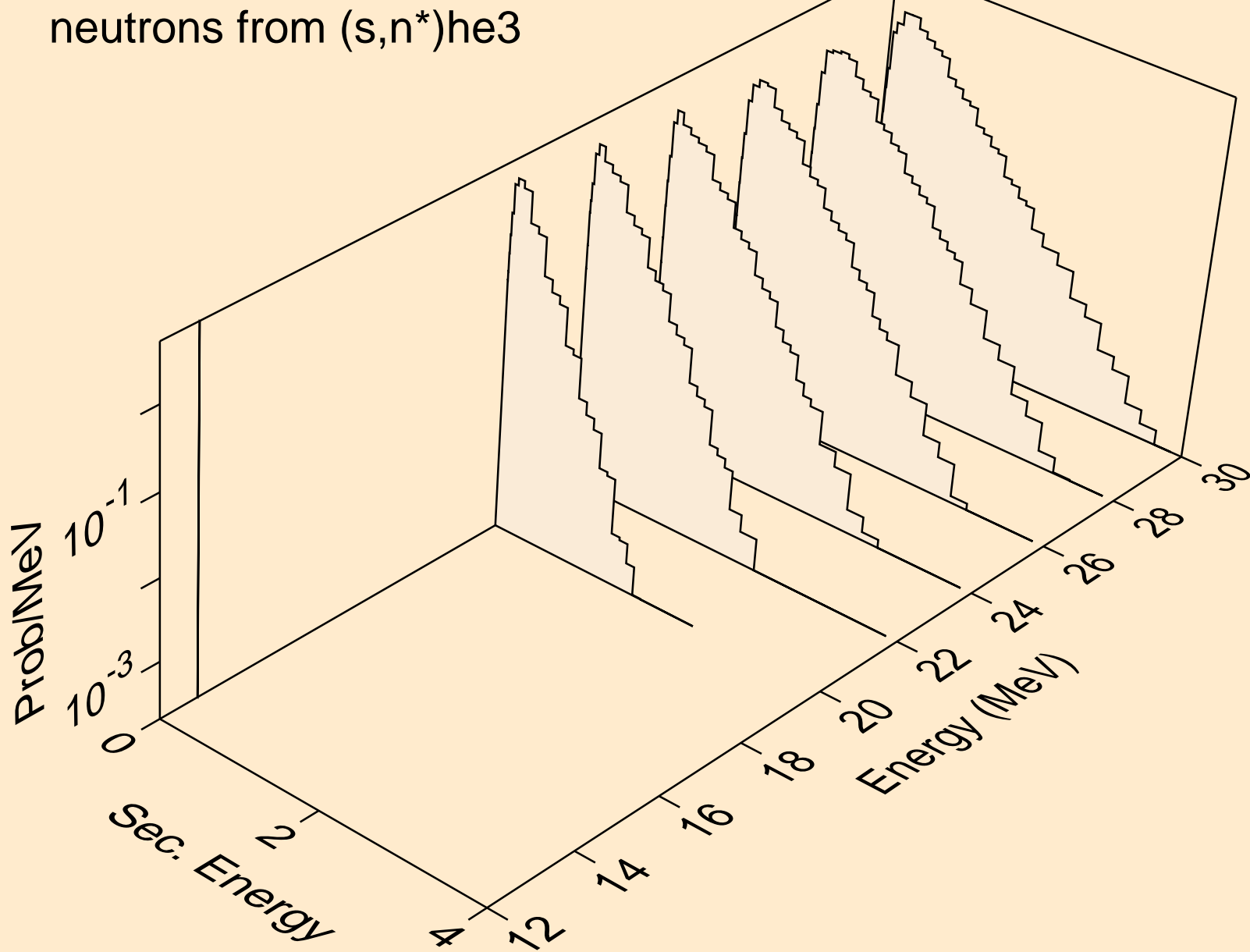
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t

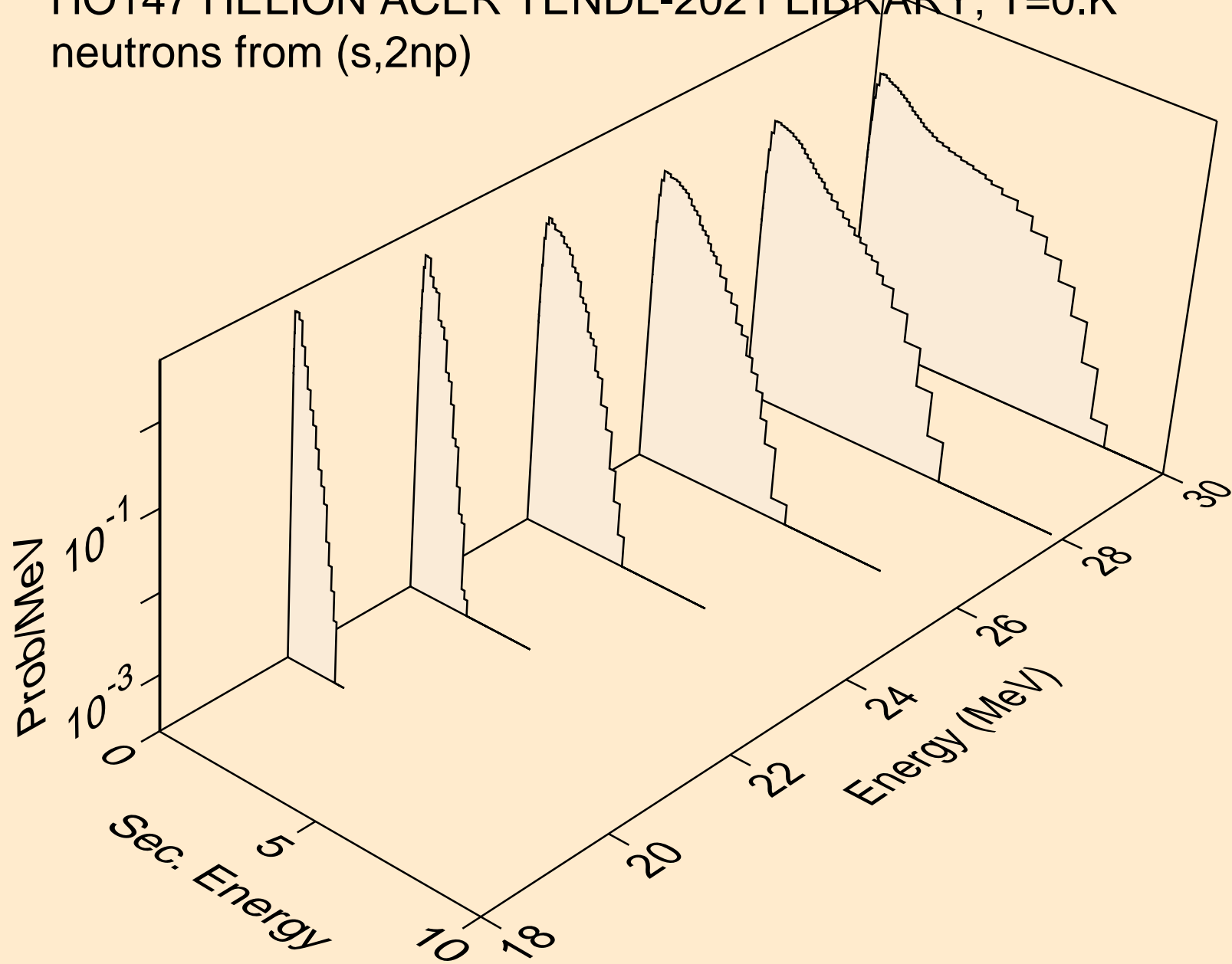


HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

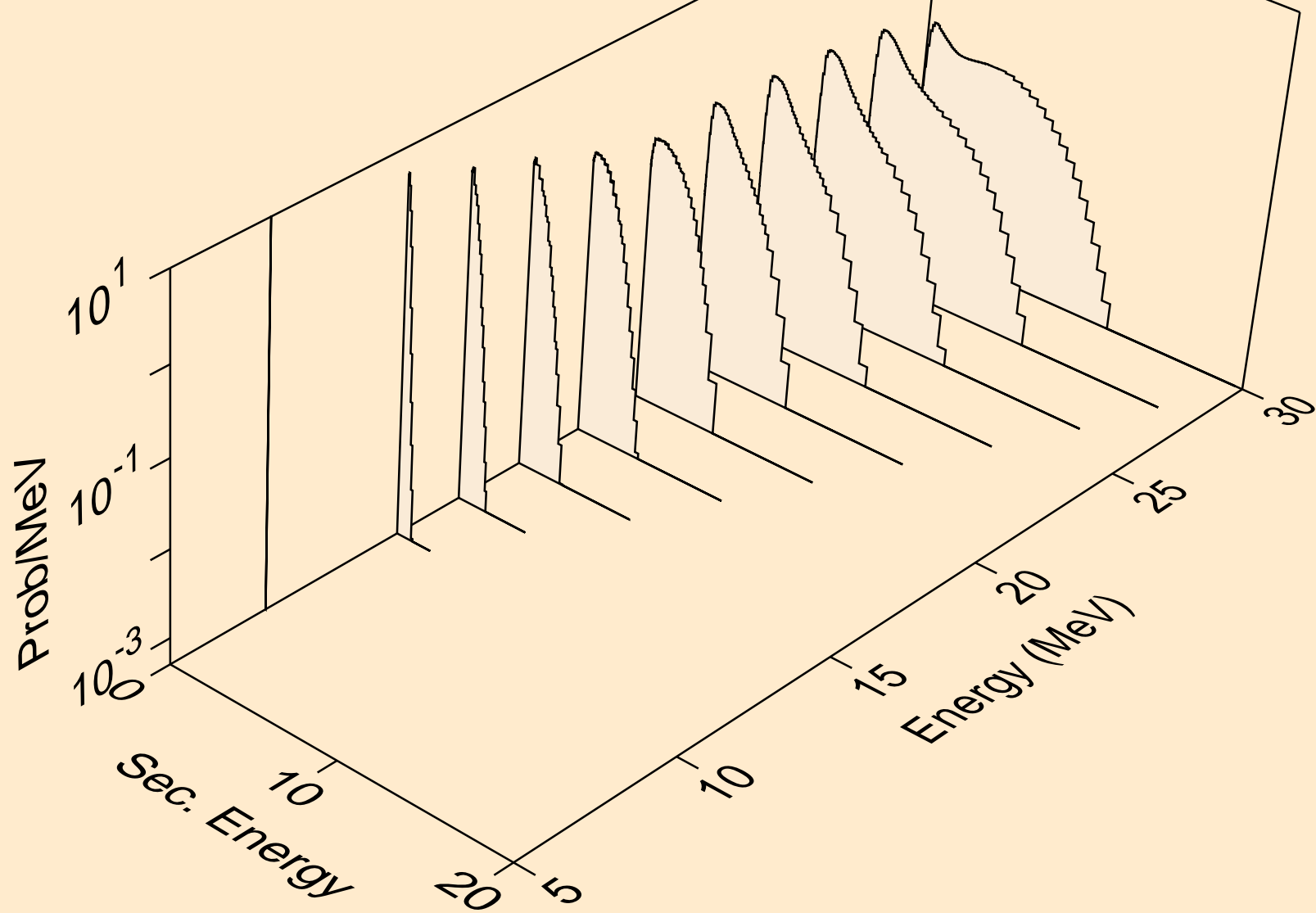




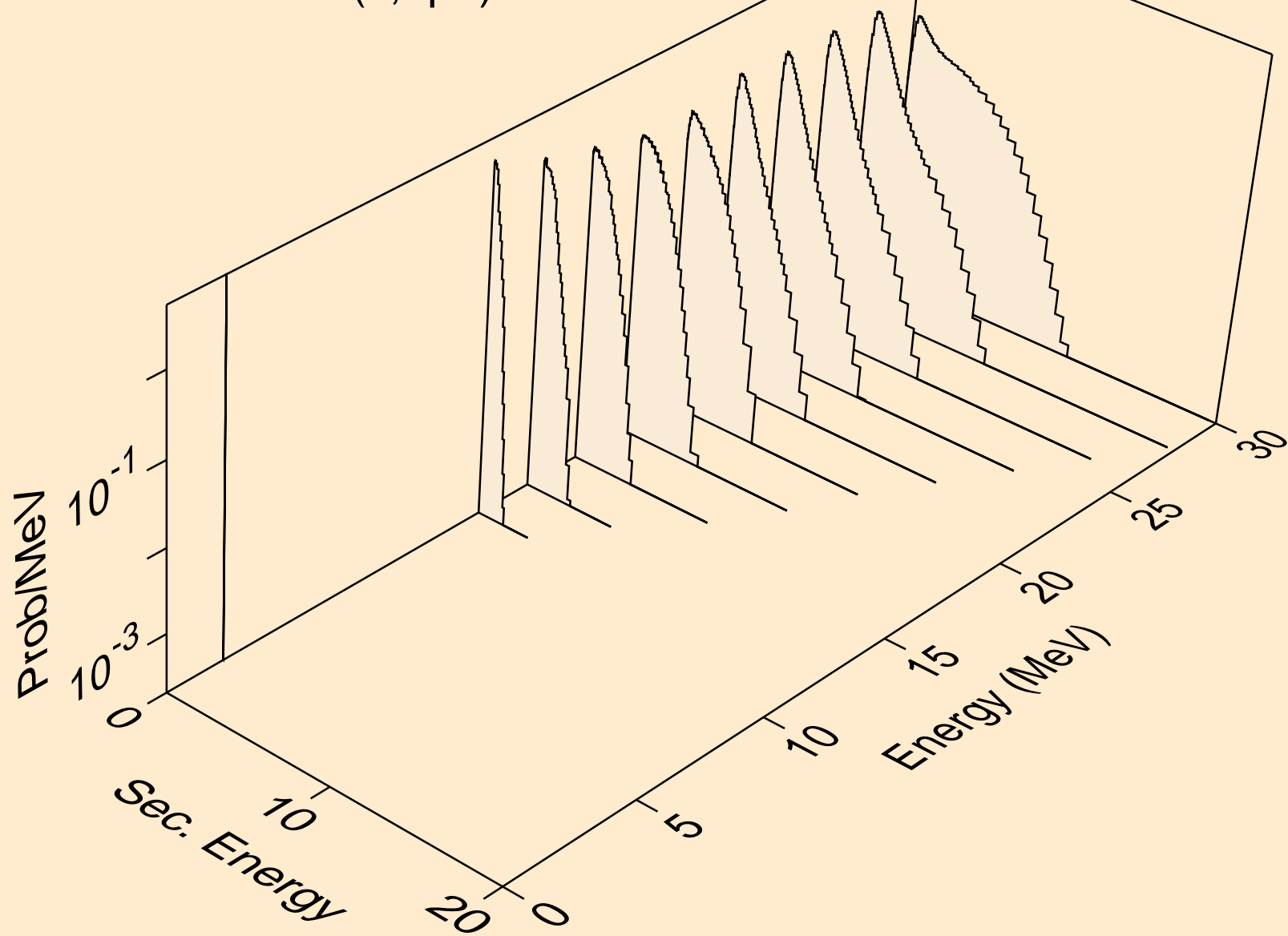
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neutrons from (s,2np)



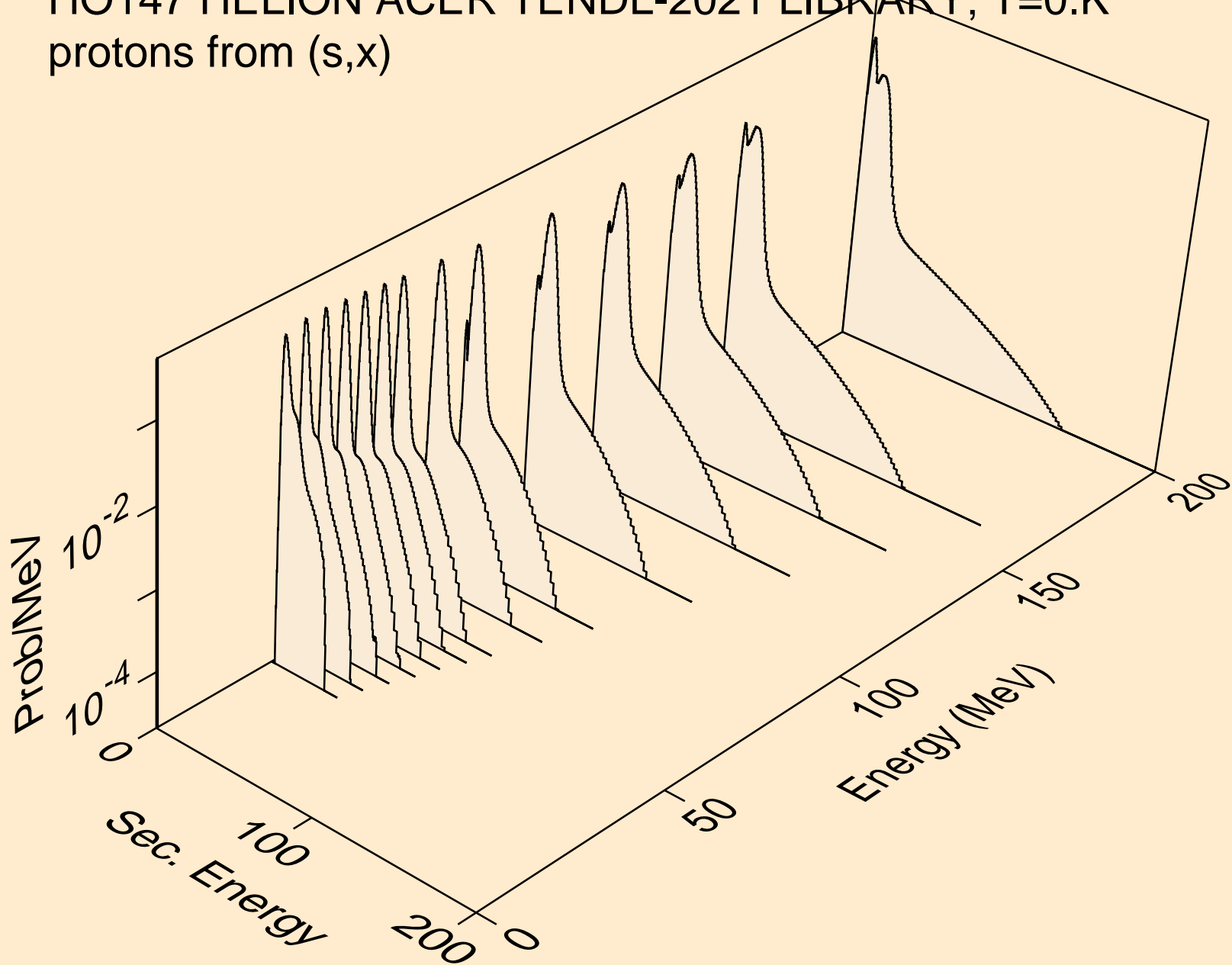
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neutrons from (s,2np)



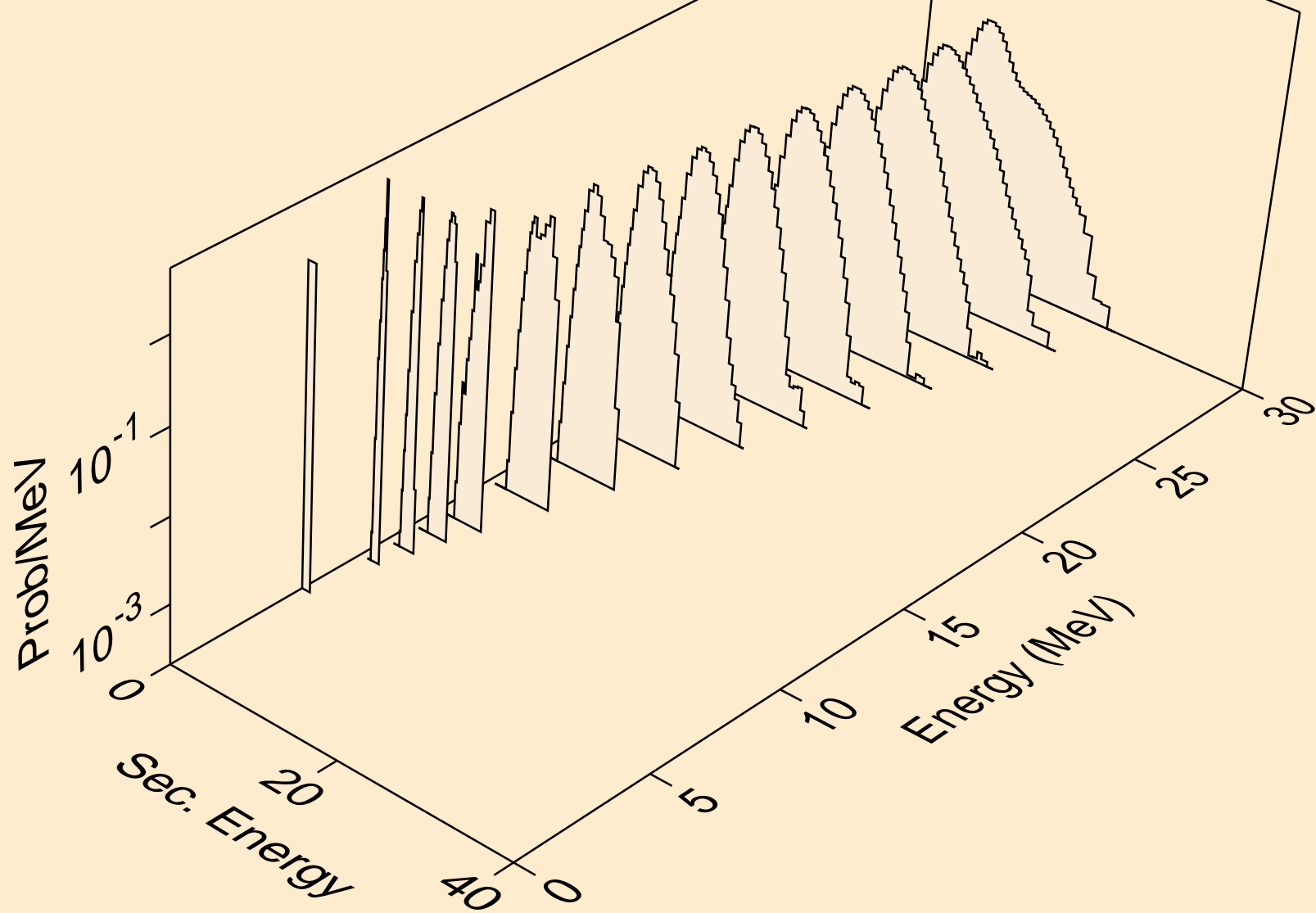
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neutrons from (s,npa)



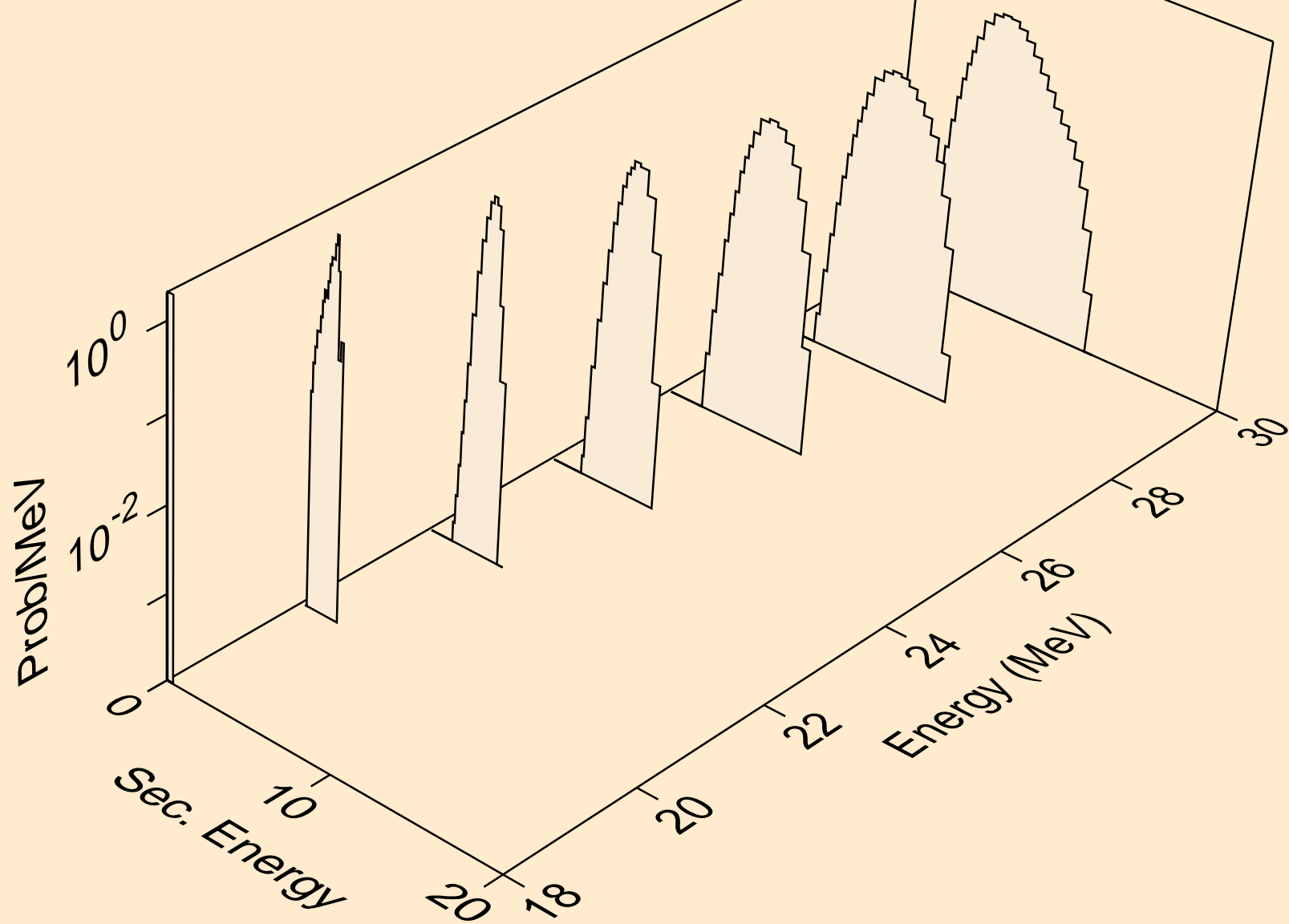
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



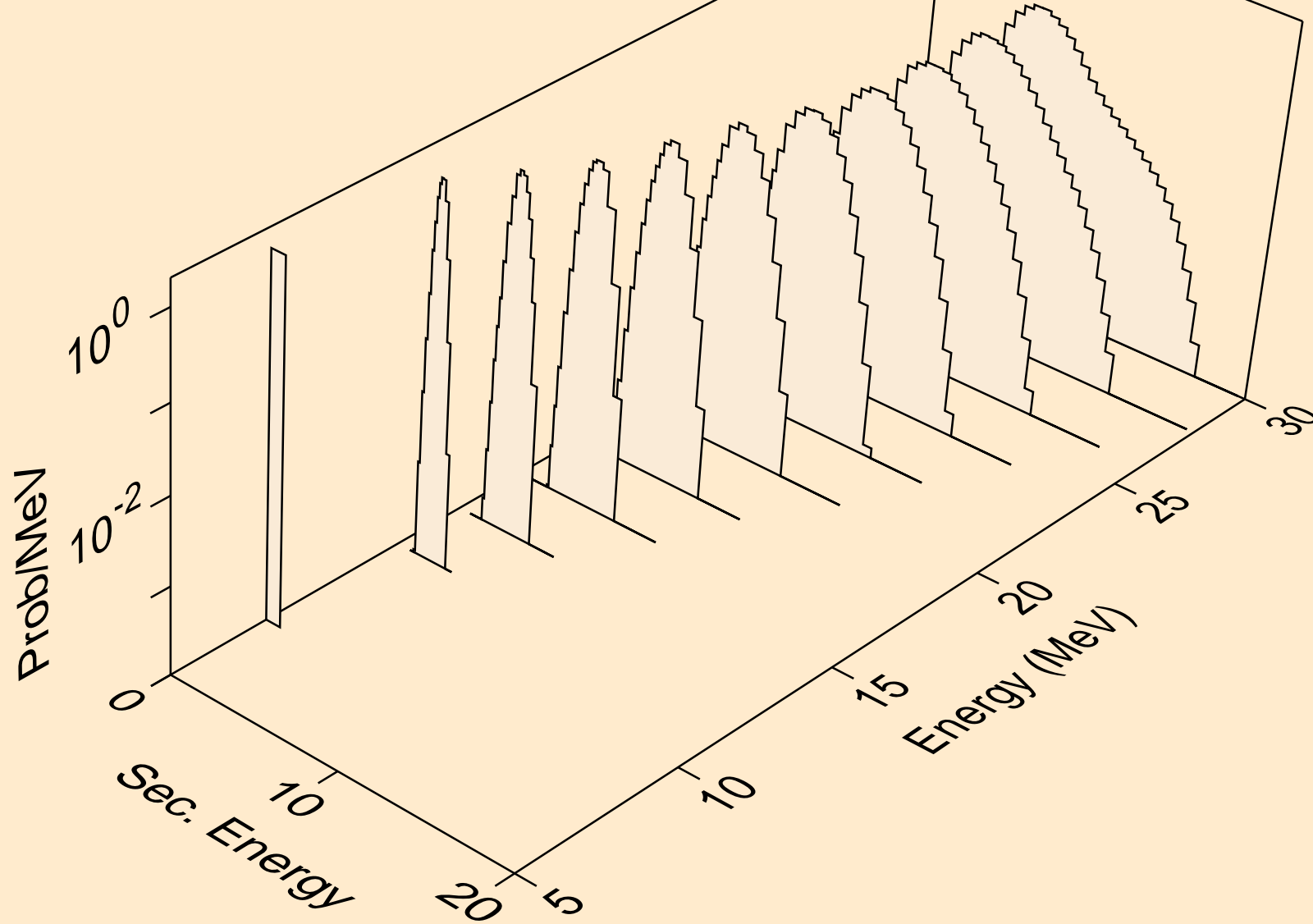
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protons from (s,n\*)p



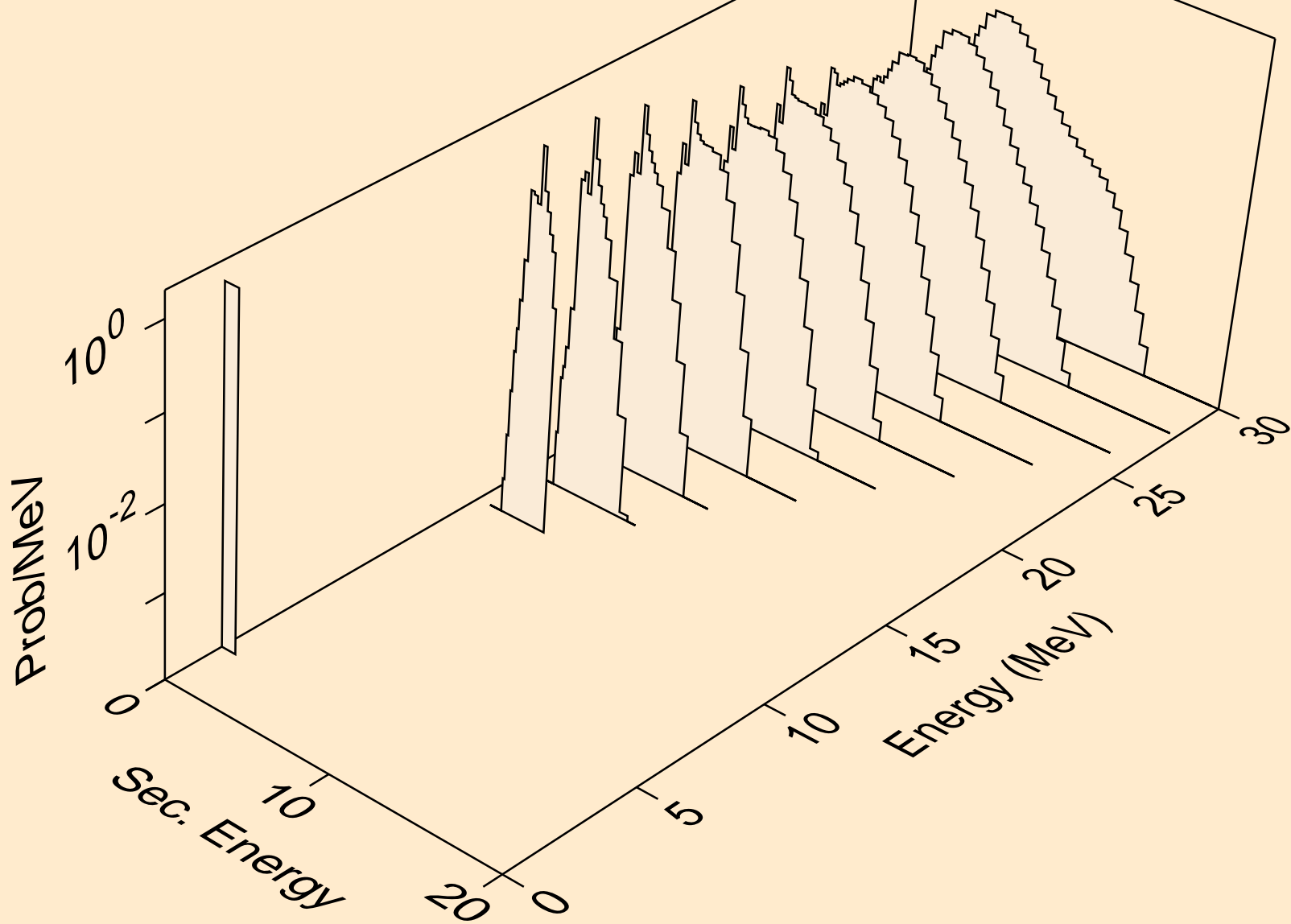
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

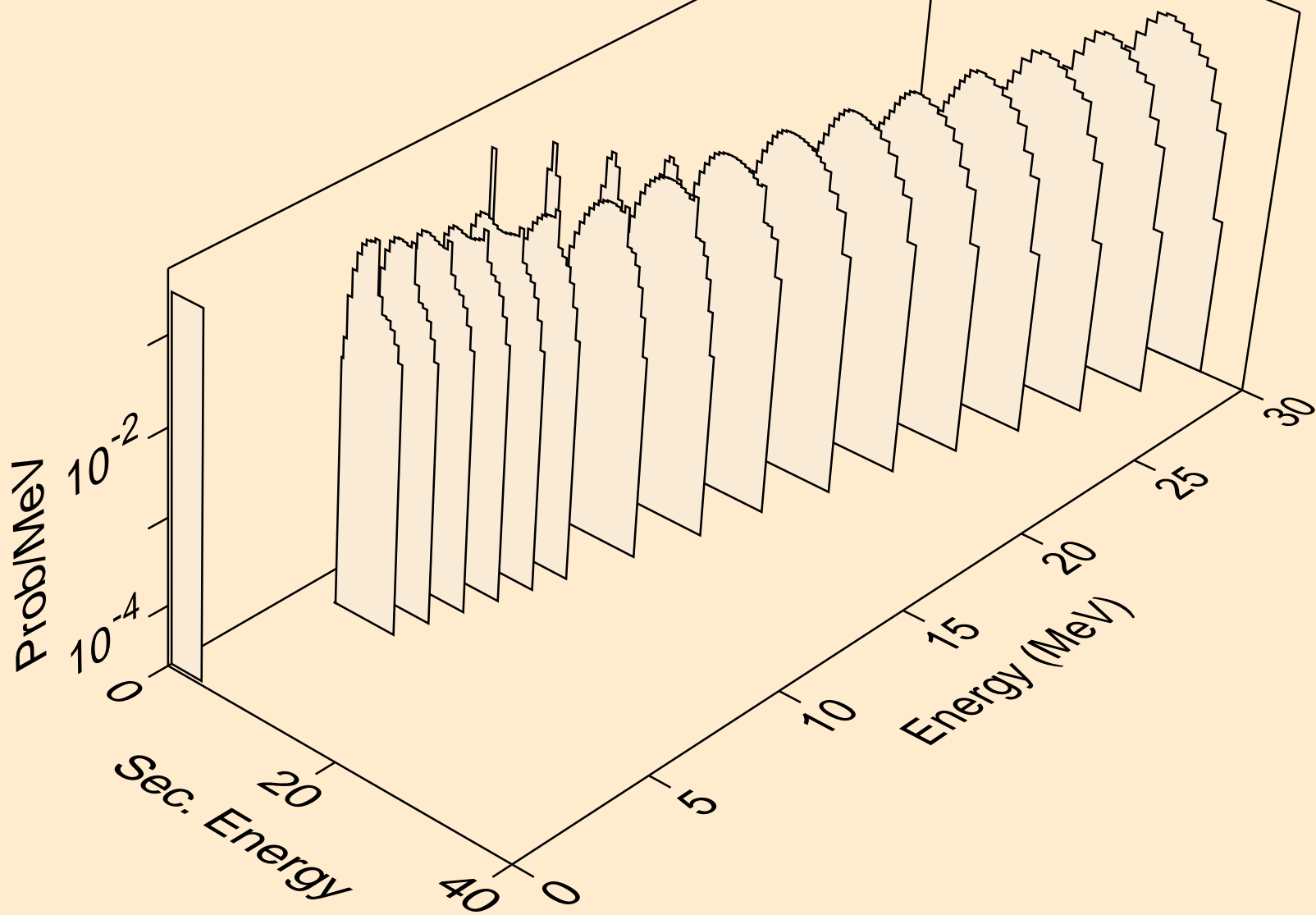


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protons from (s,npa)

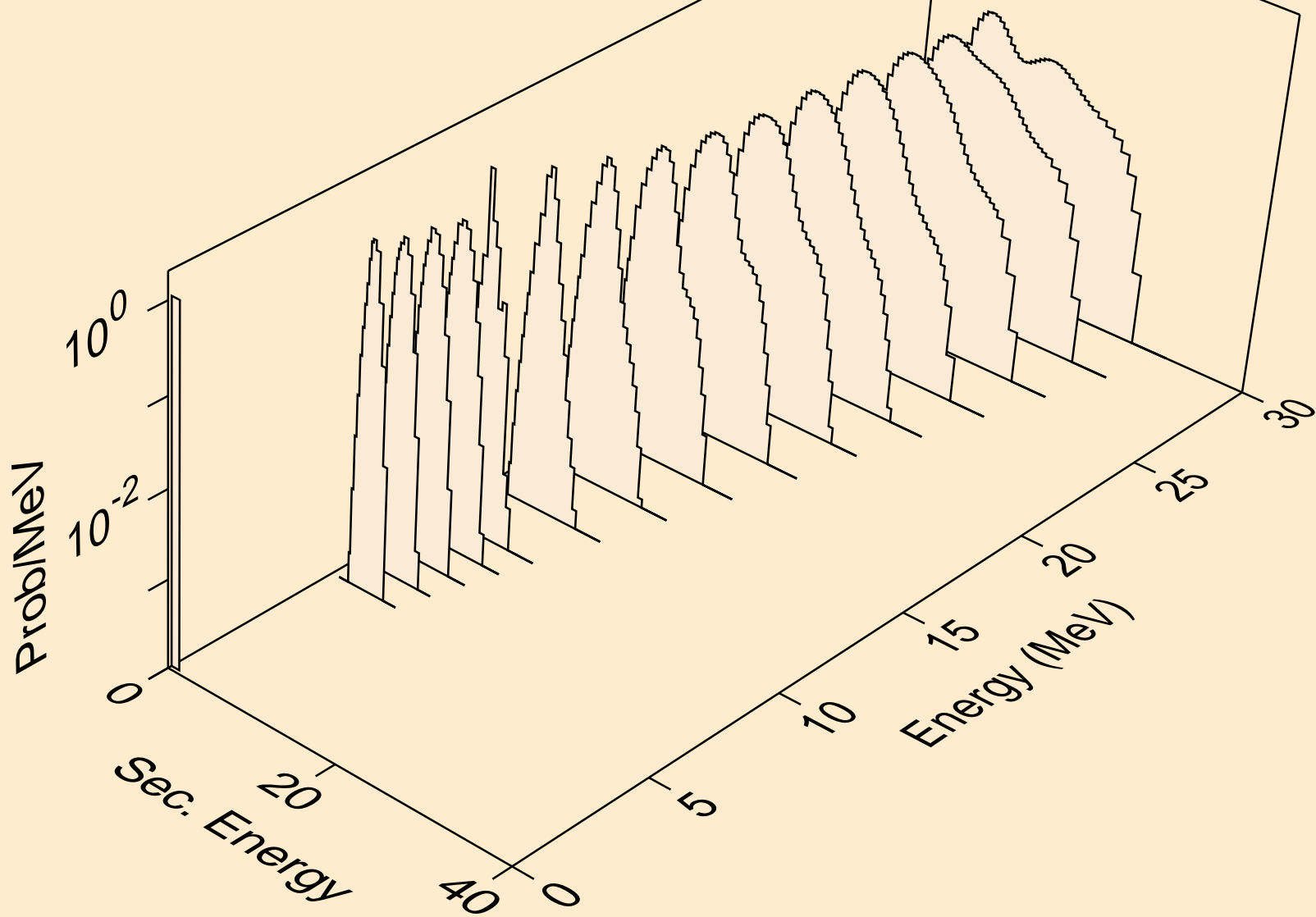




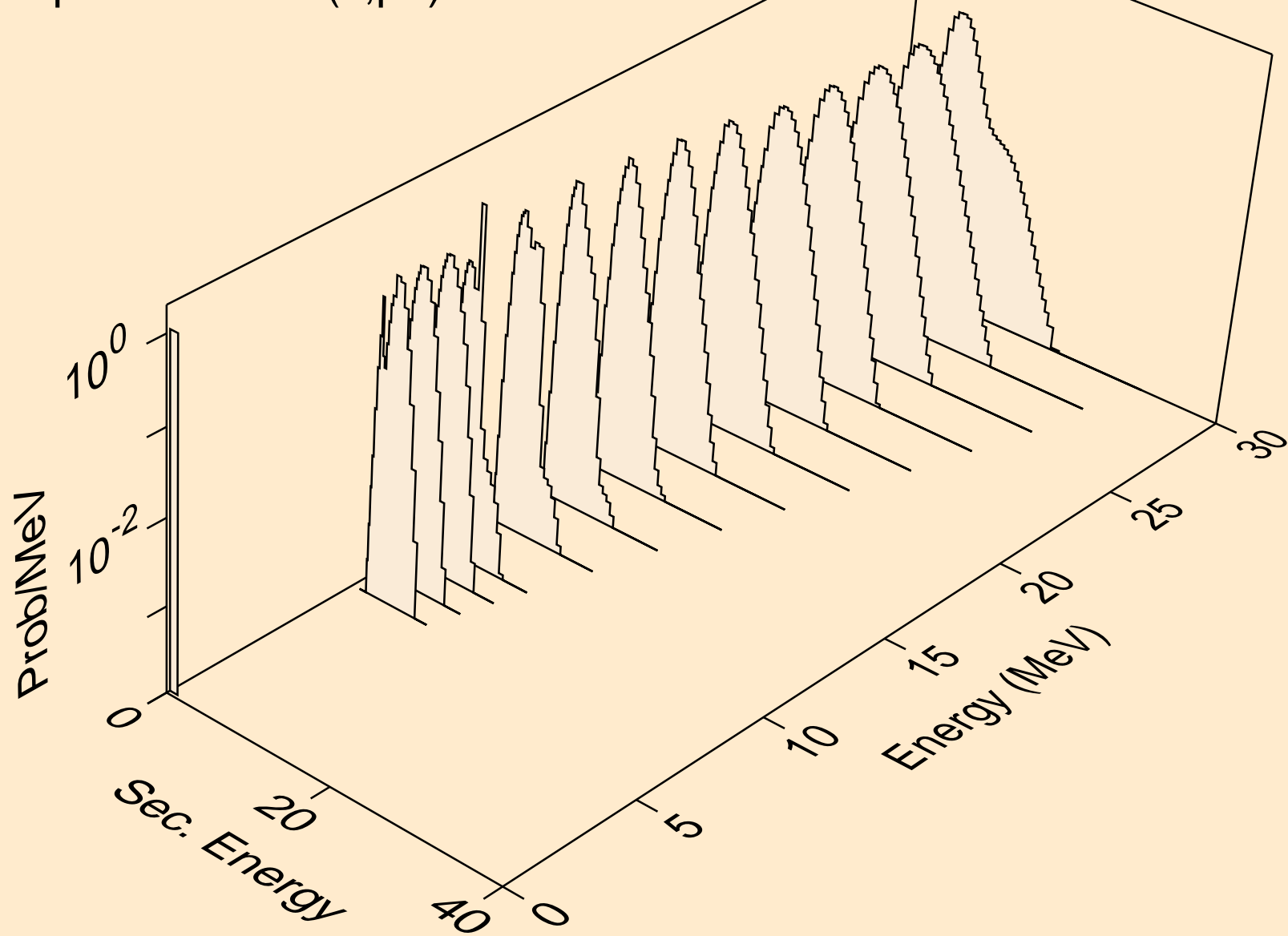
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



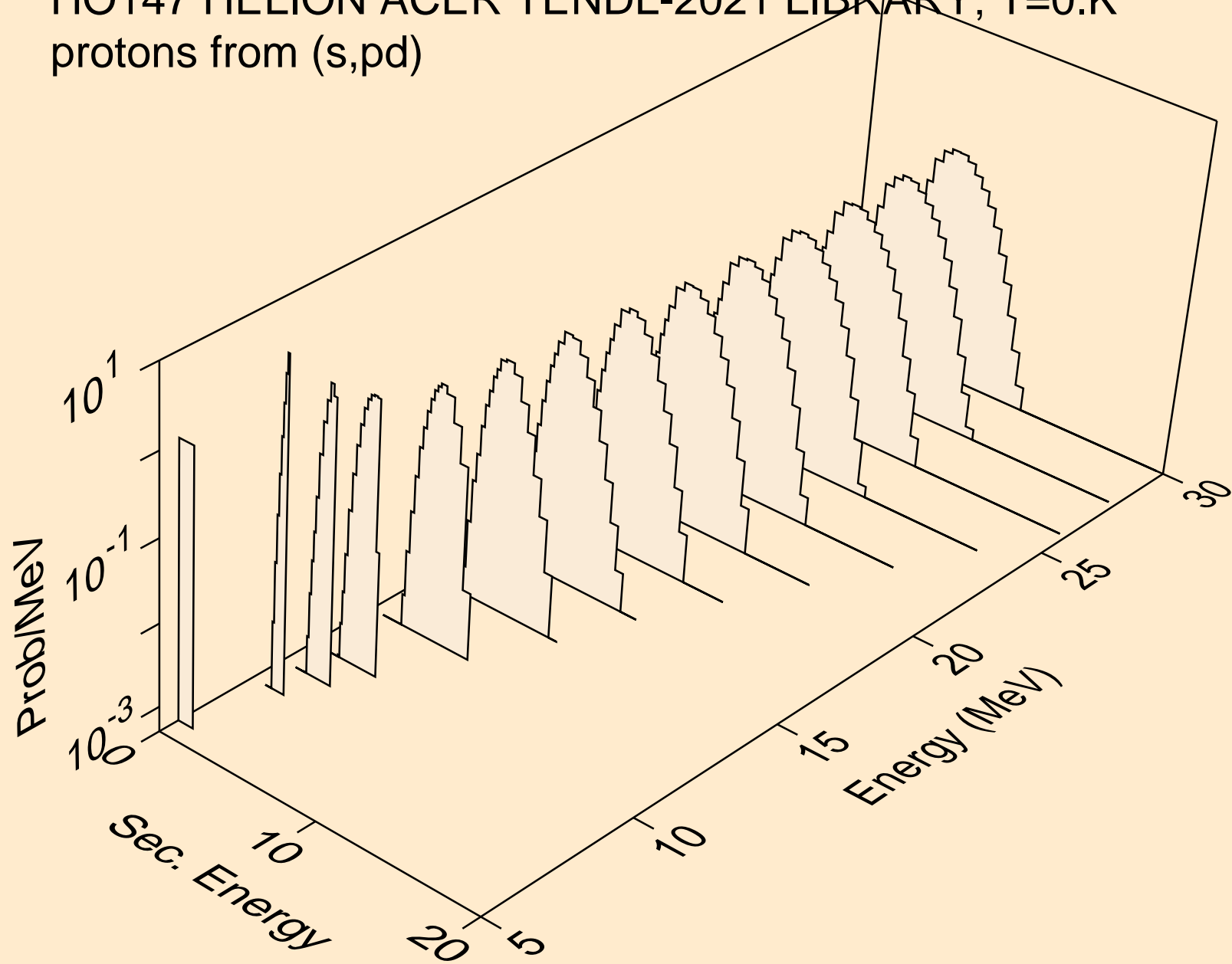
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protons from (s,2p)



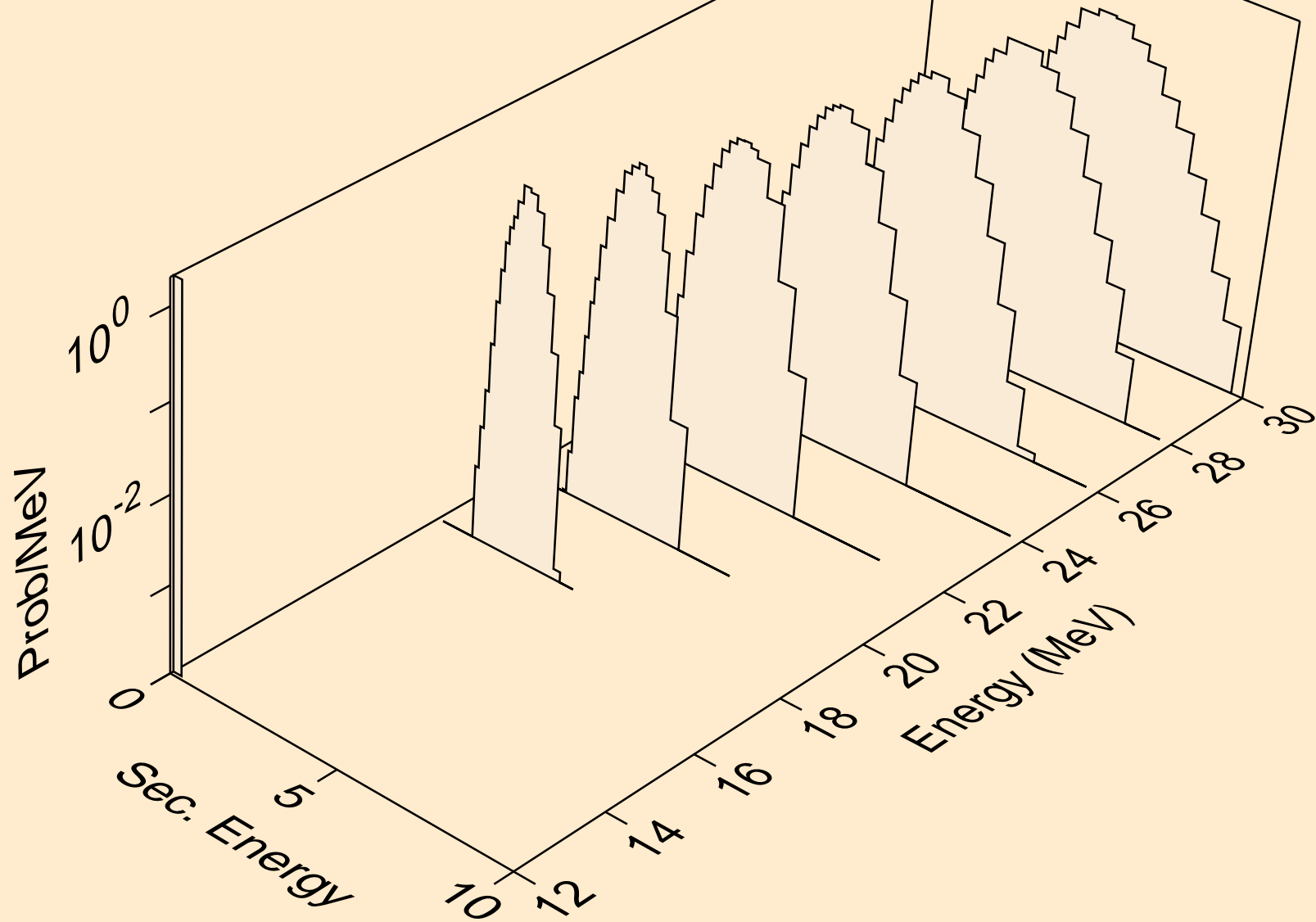
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



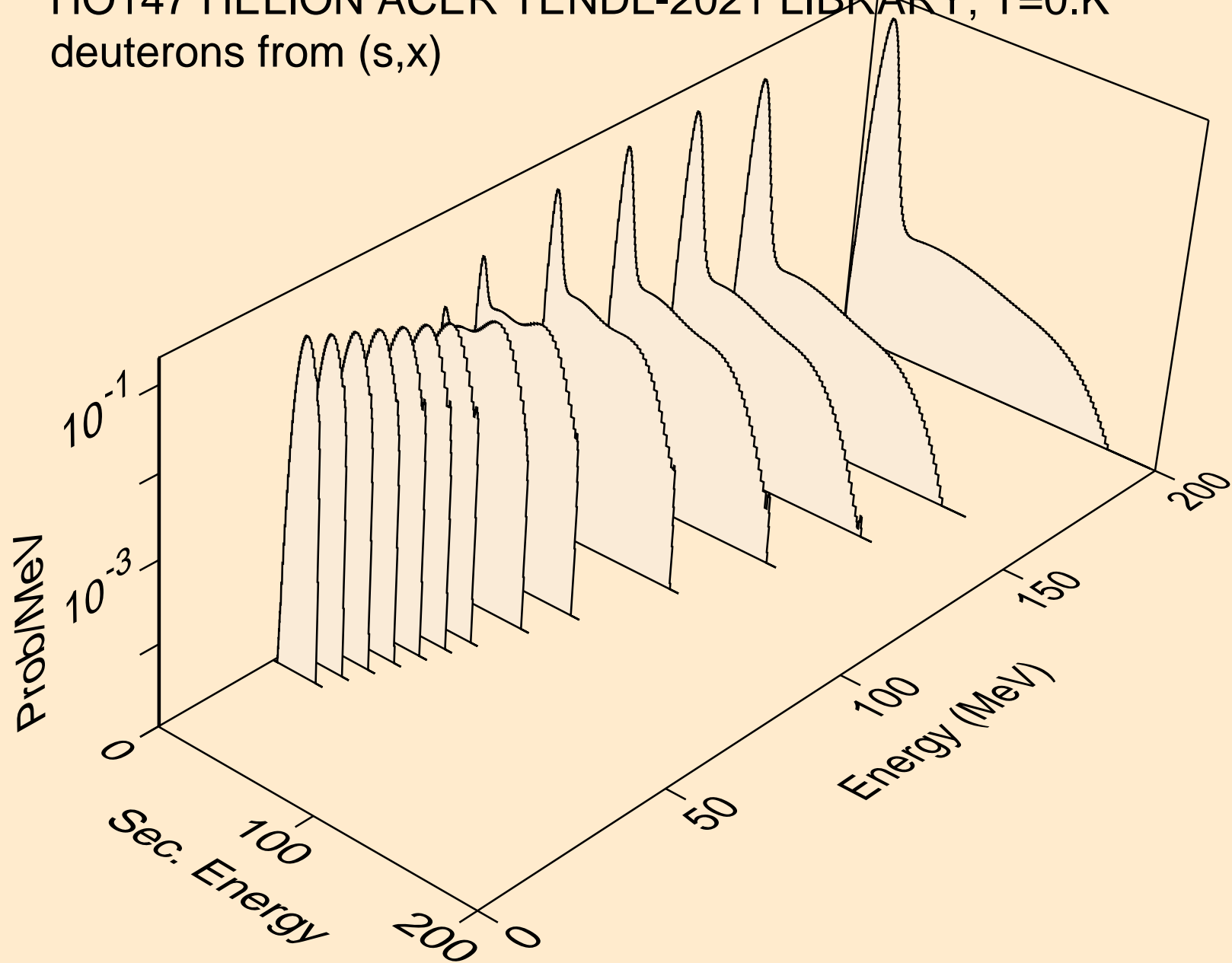
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protons from (s,pd)



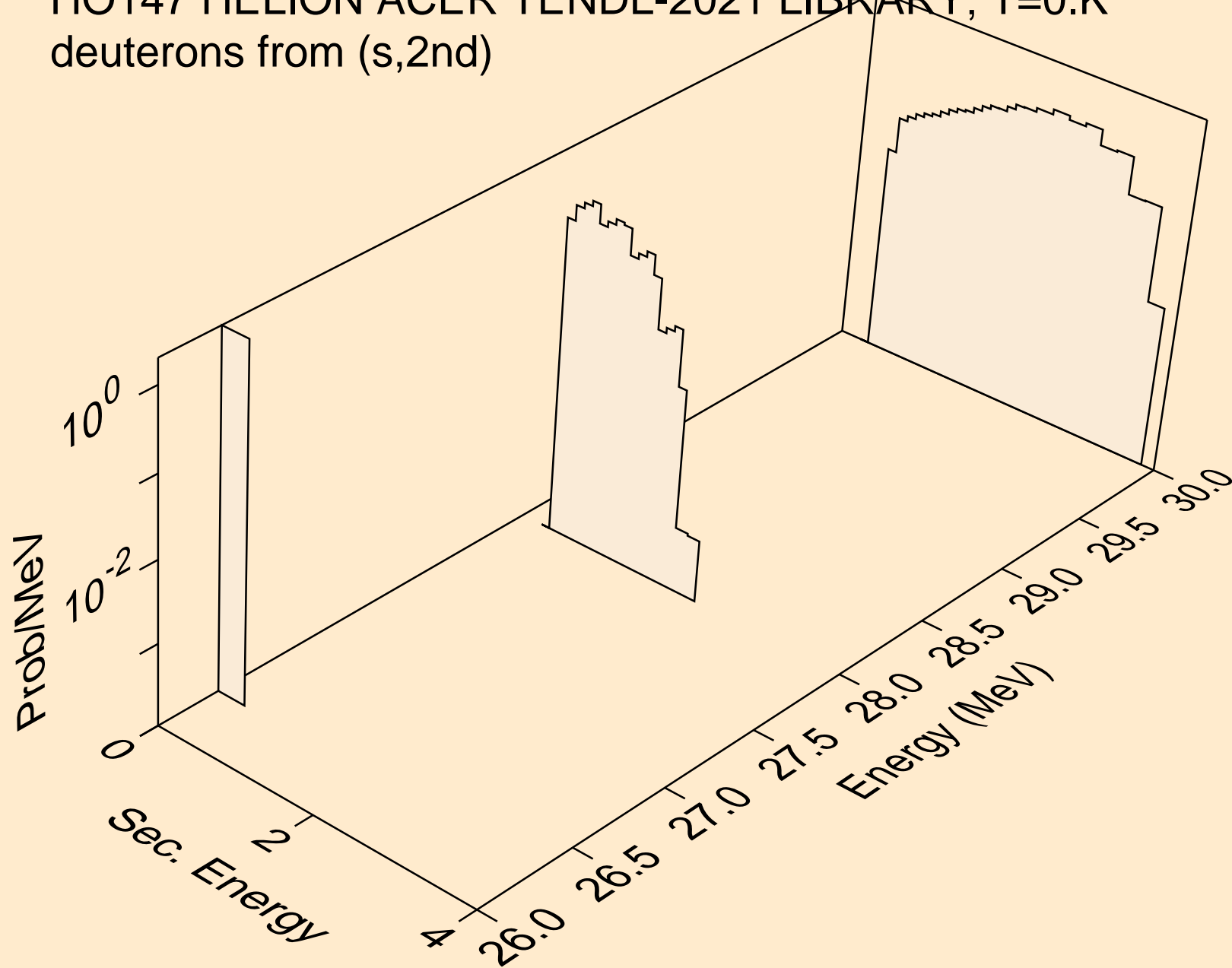
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protons from (s,pt)



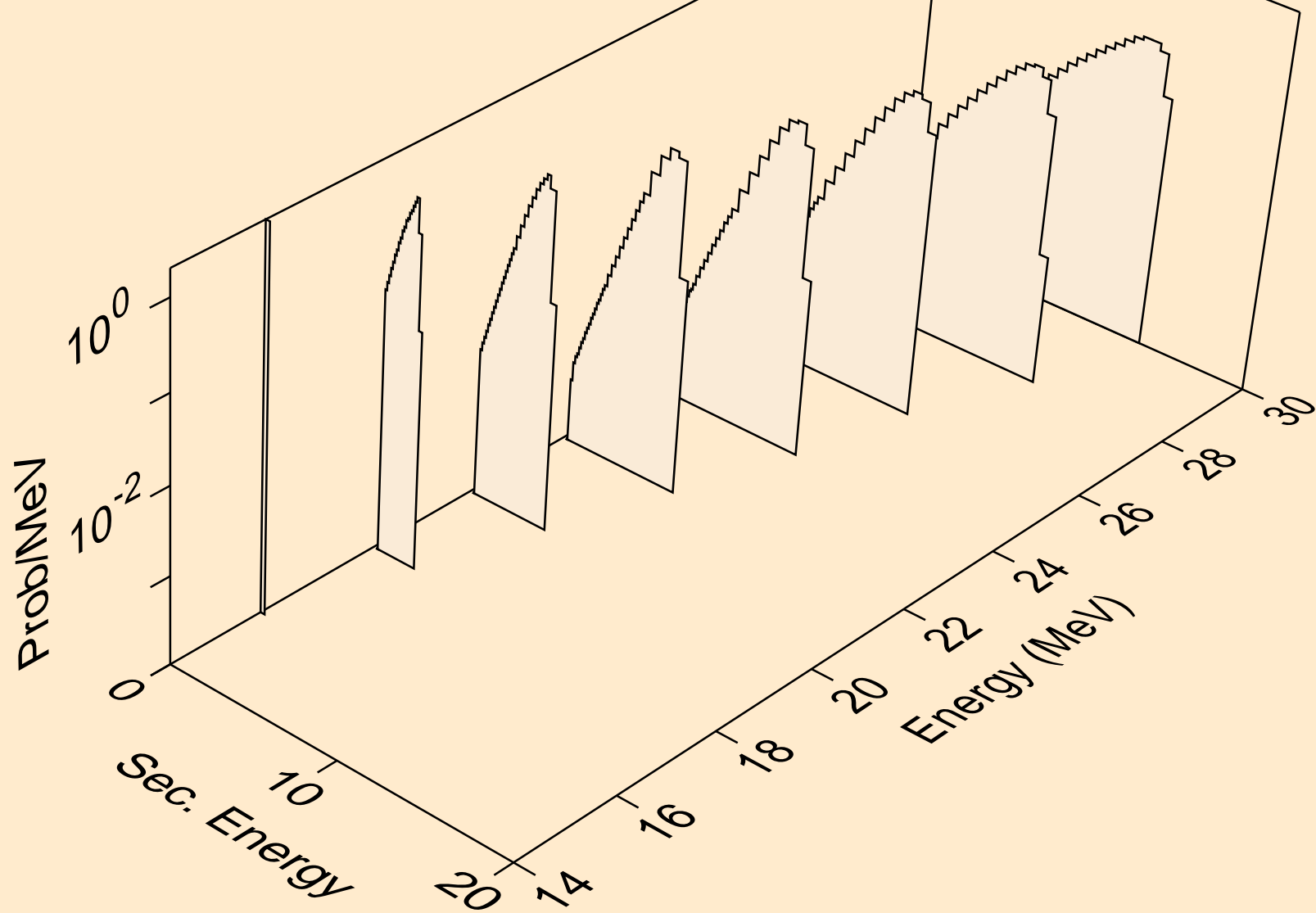
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)

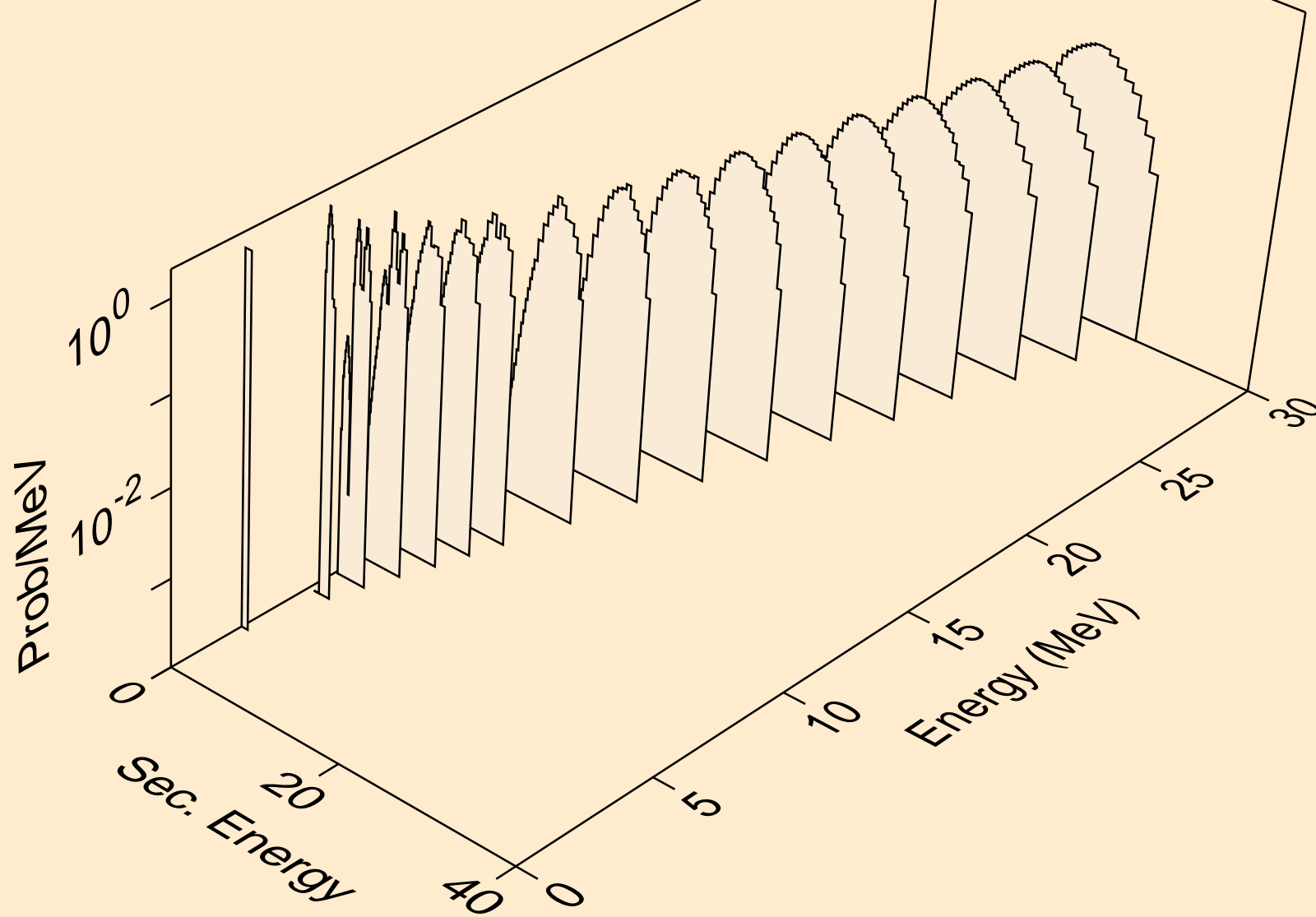


HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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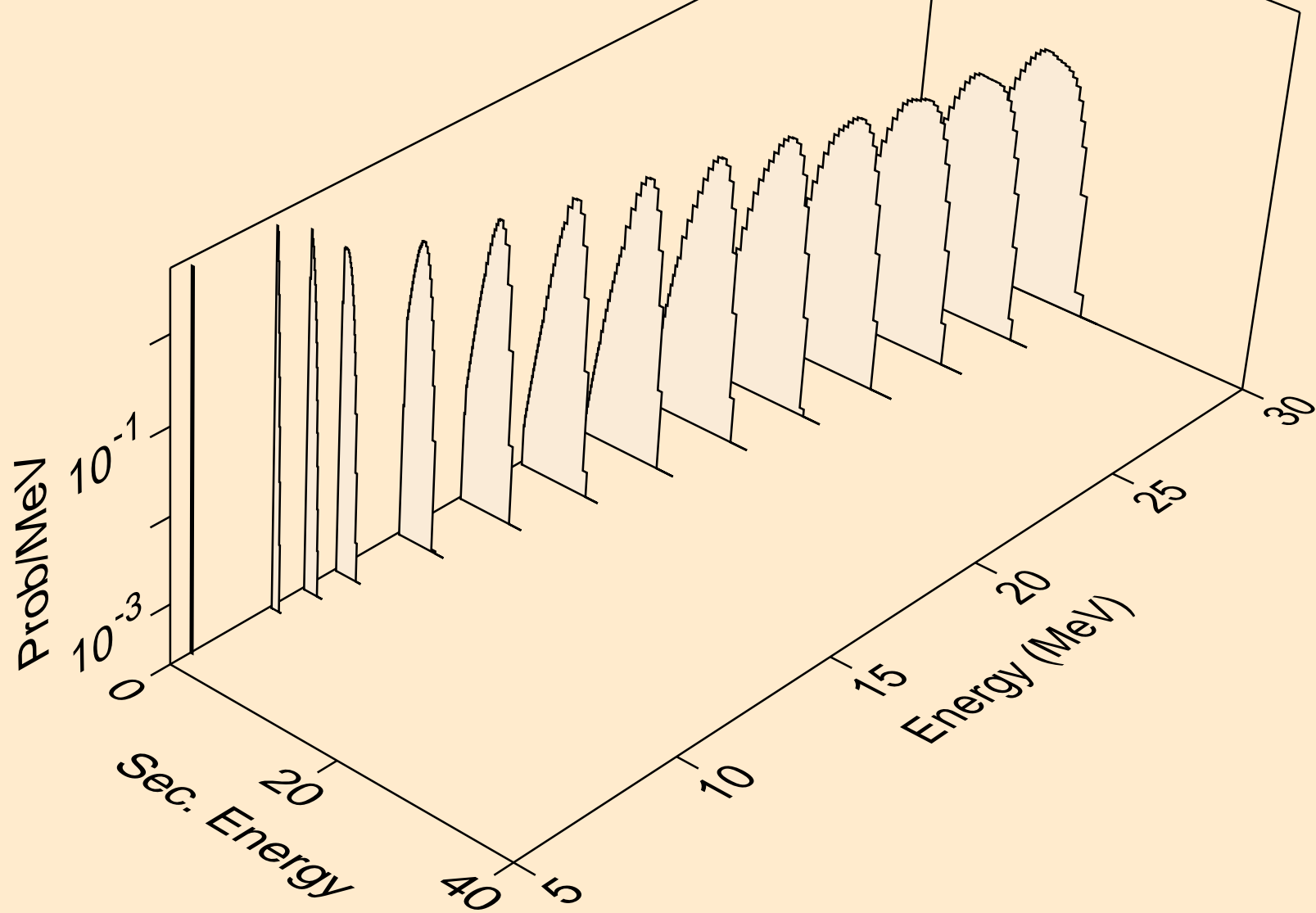




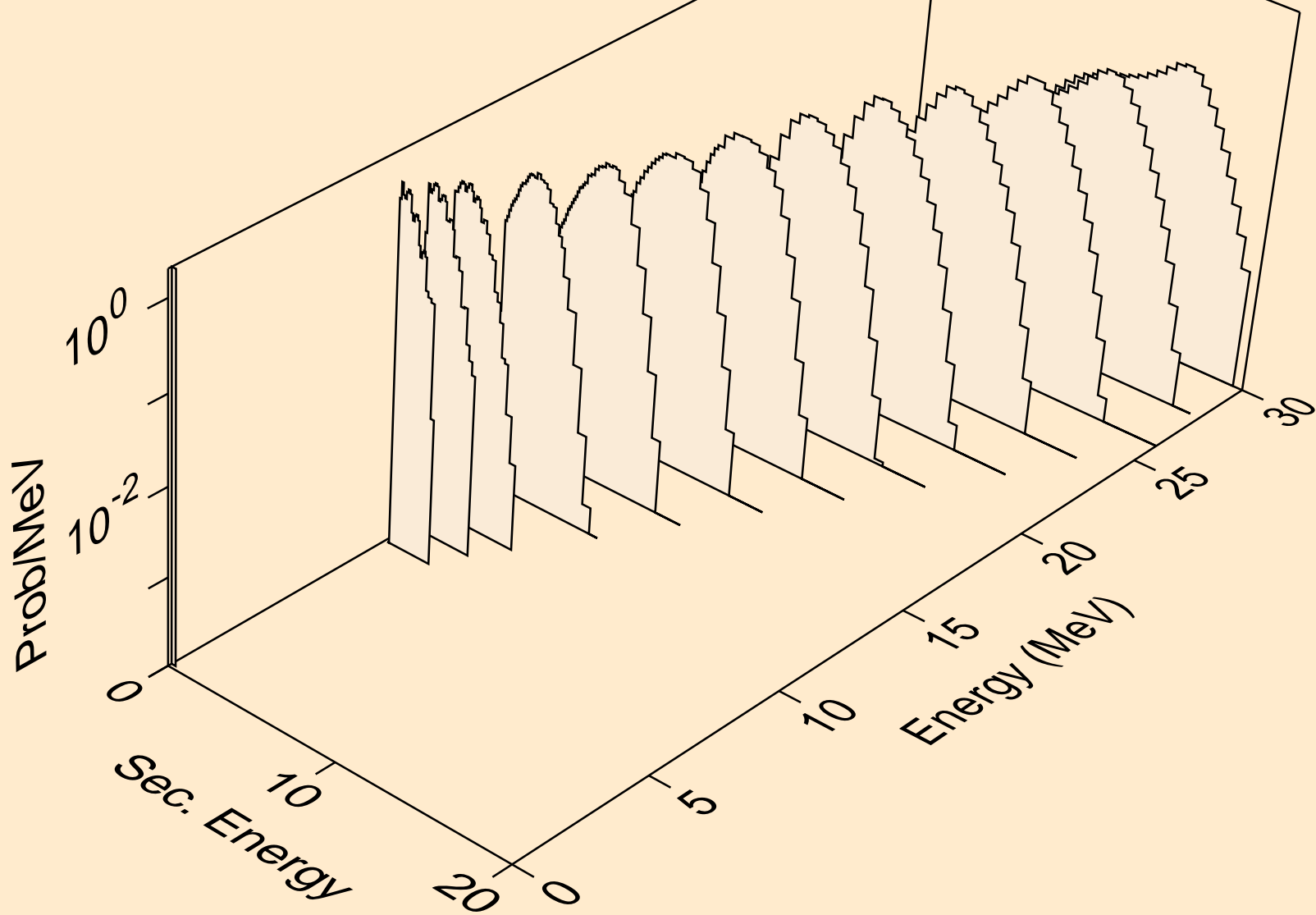
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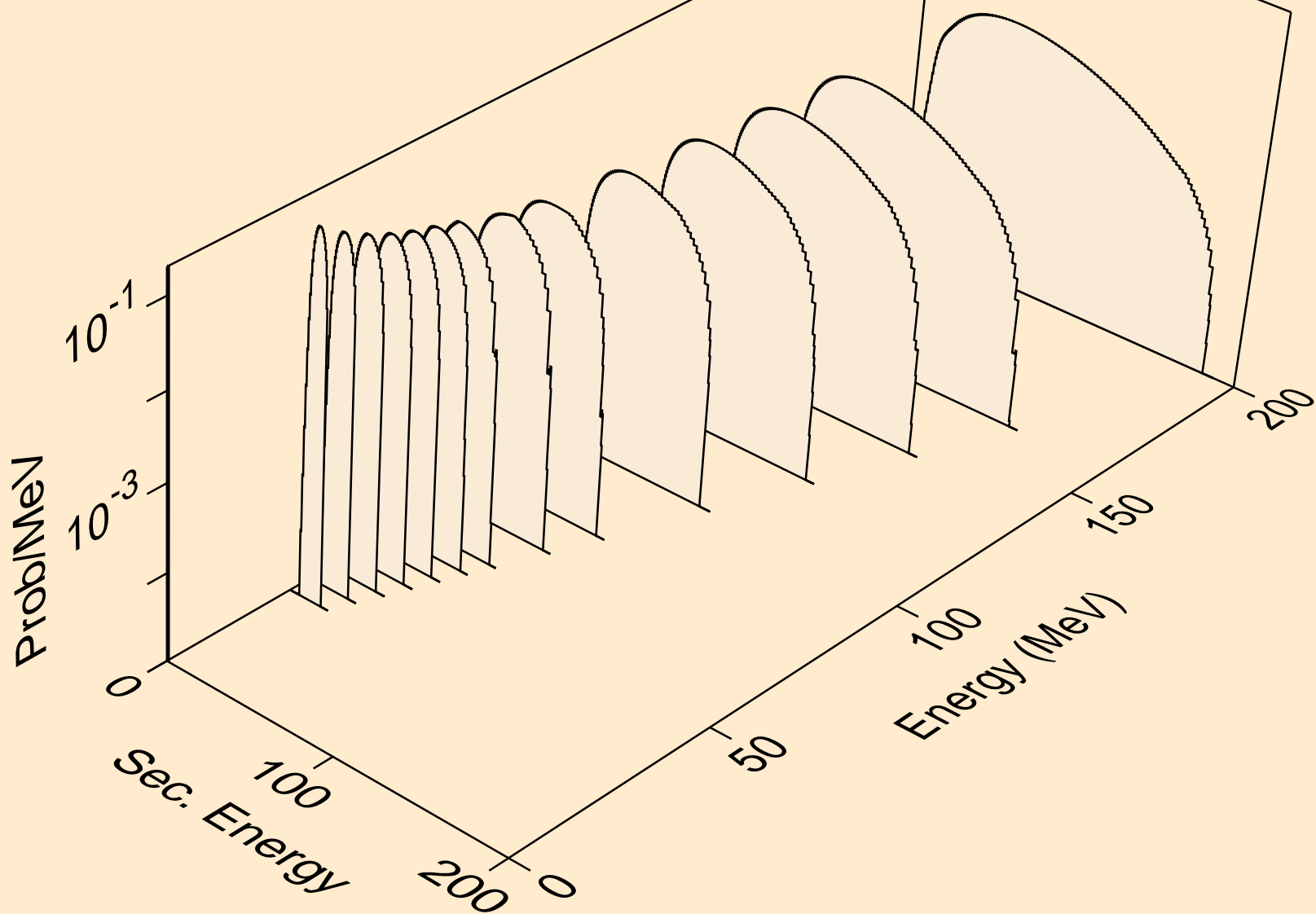
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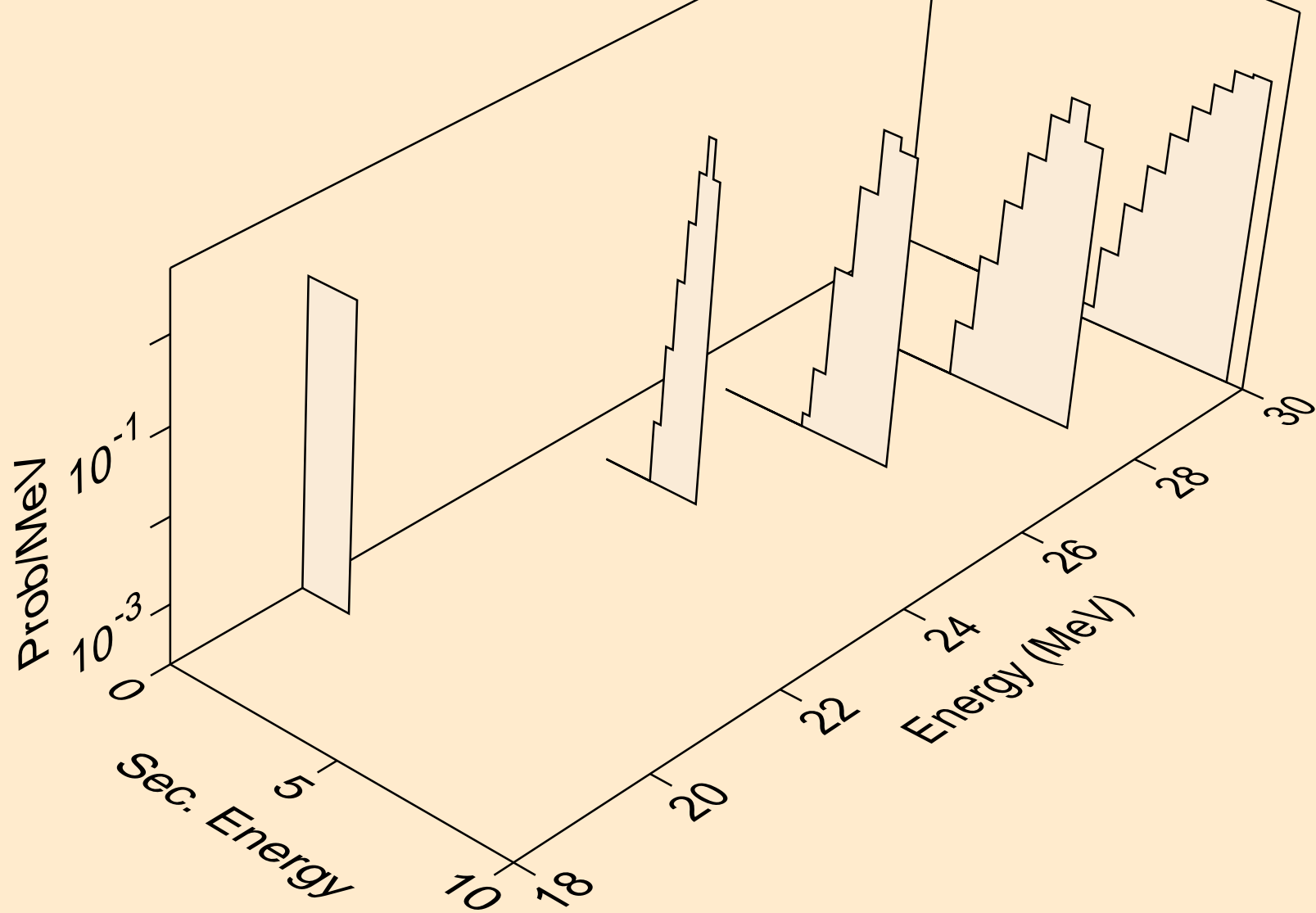
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deuterons from (s,da)



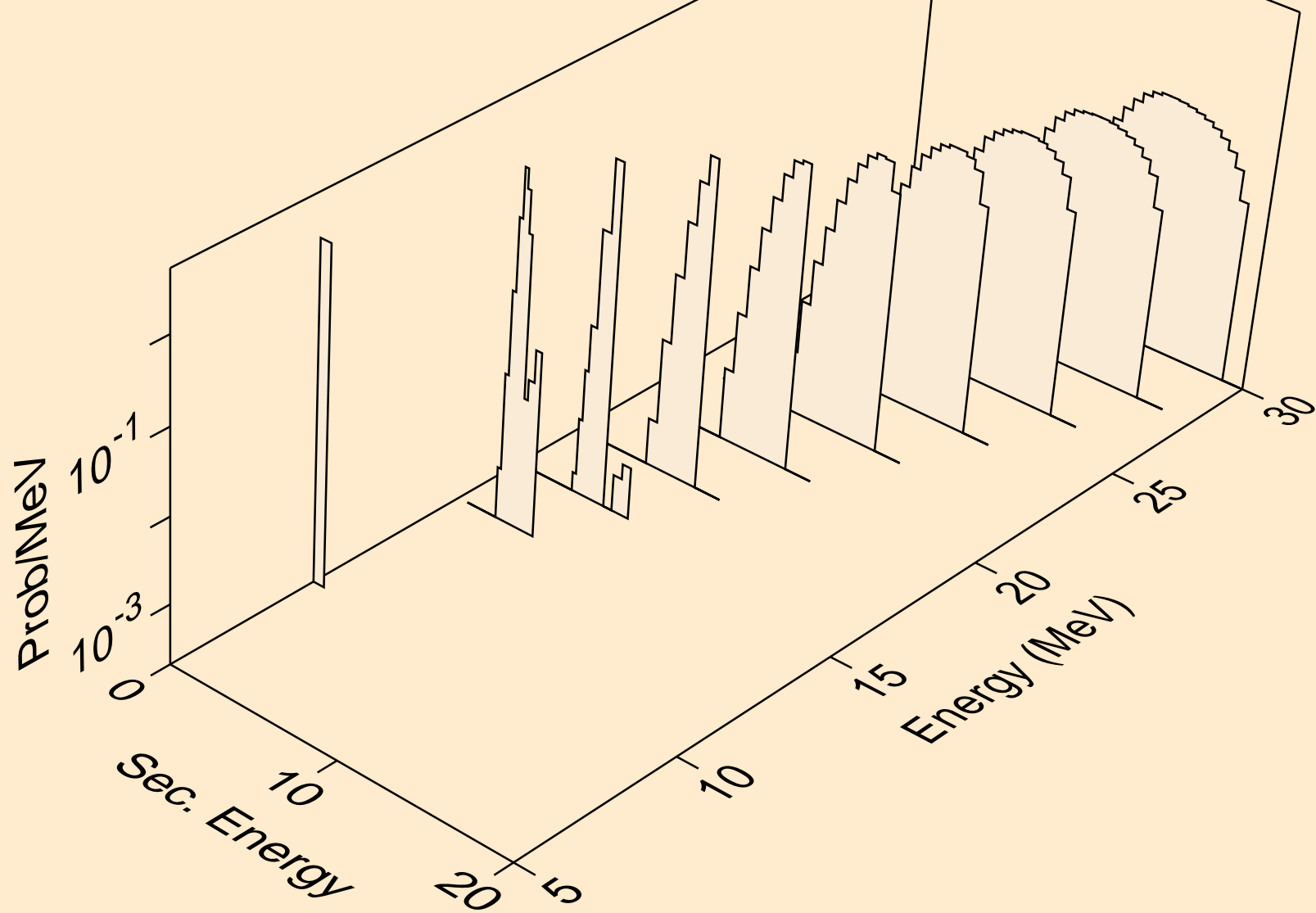
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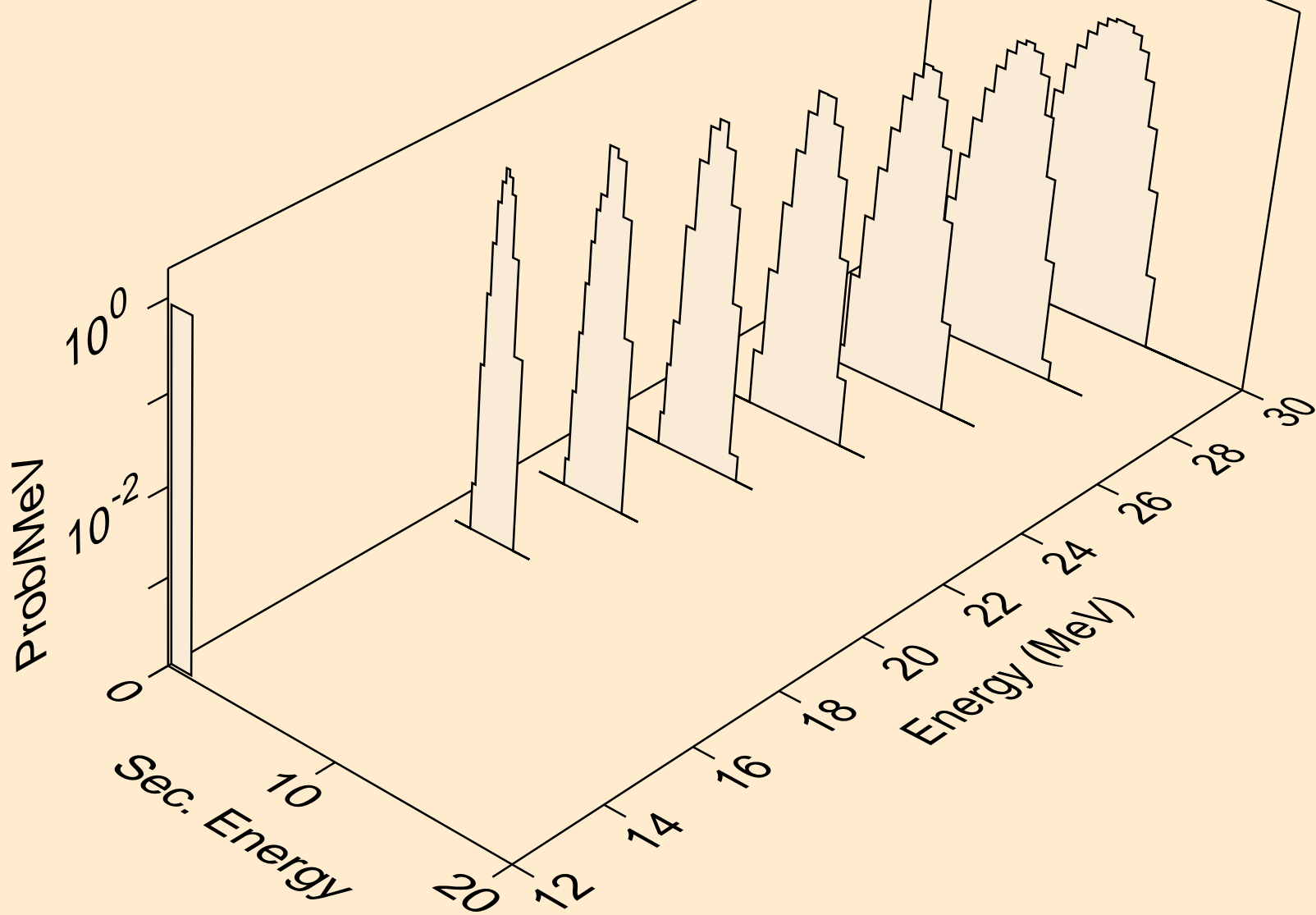
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tritons from (s,n\*)t



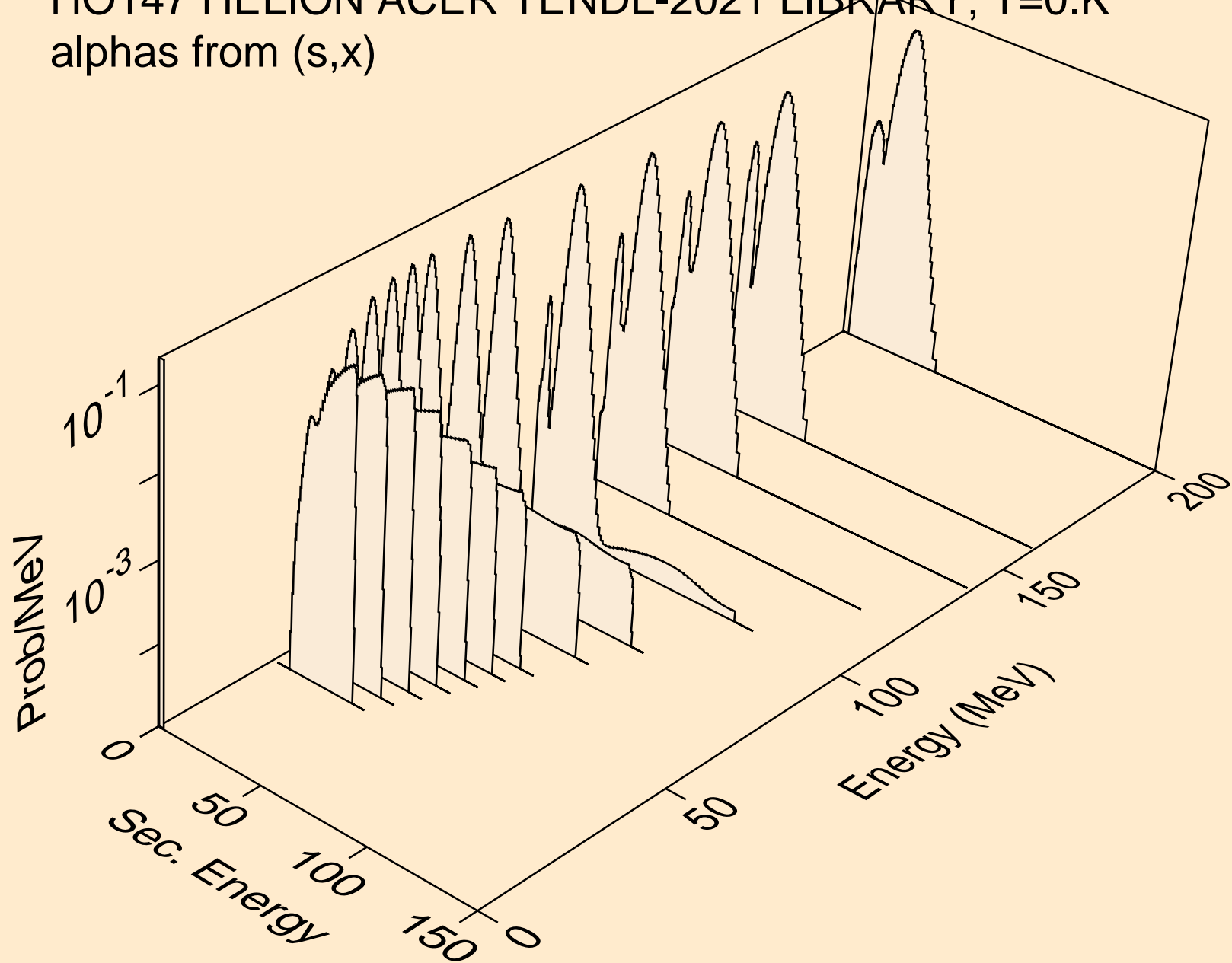
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tritons from (s,t)



HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)

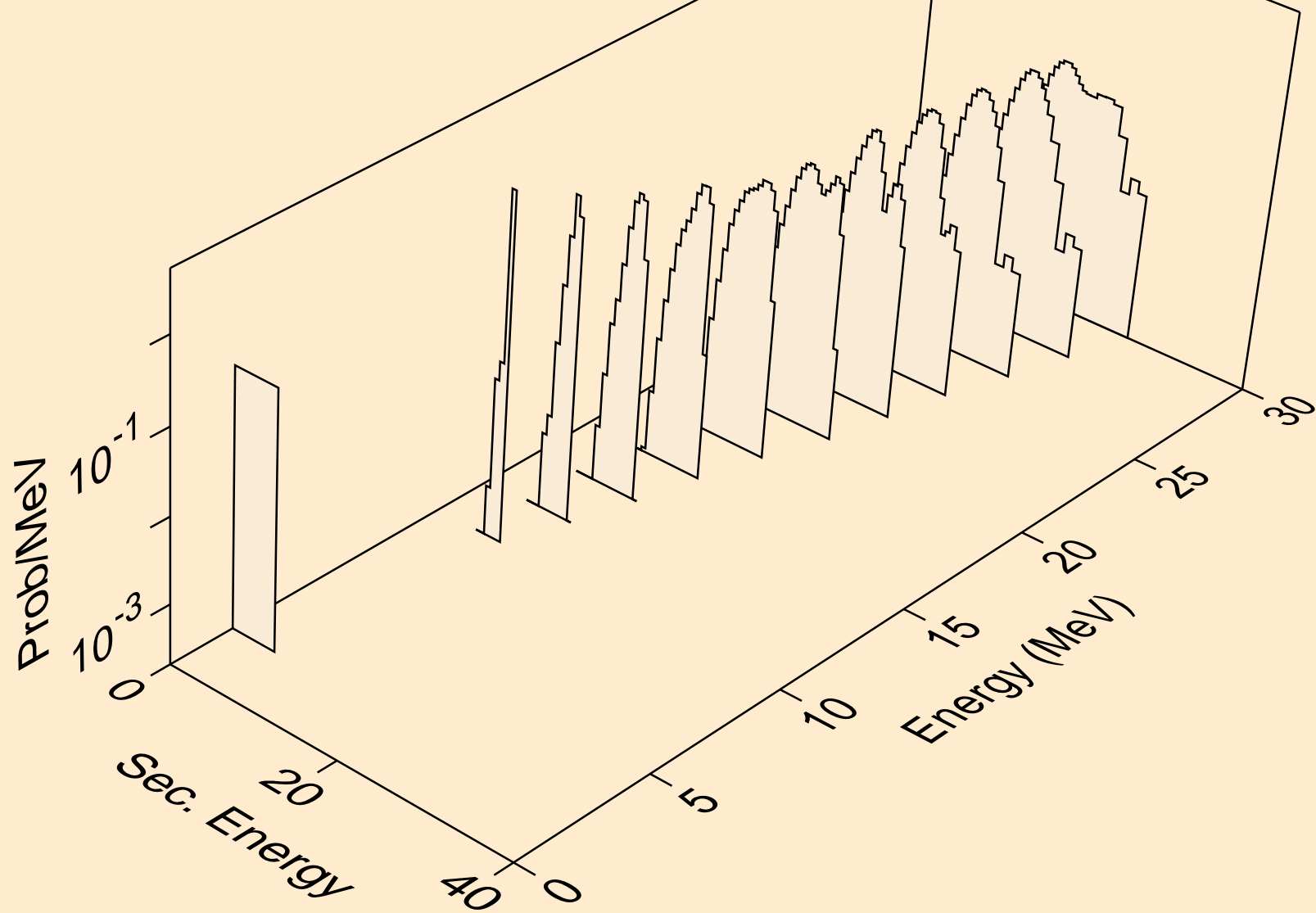


HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

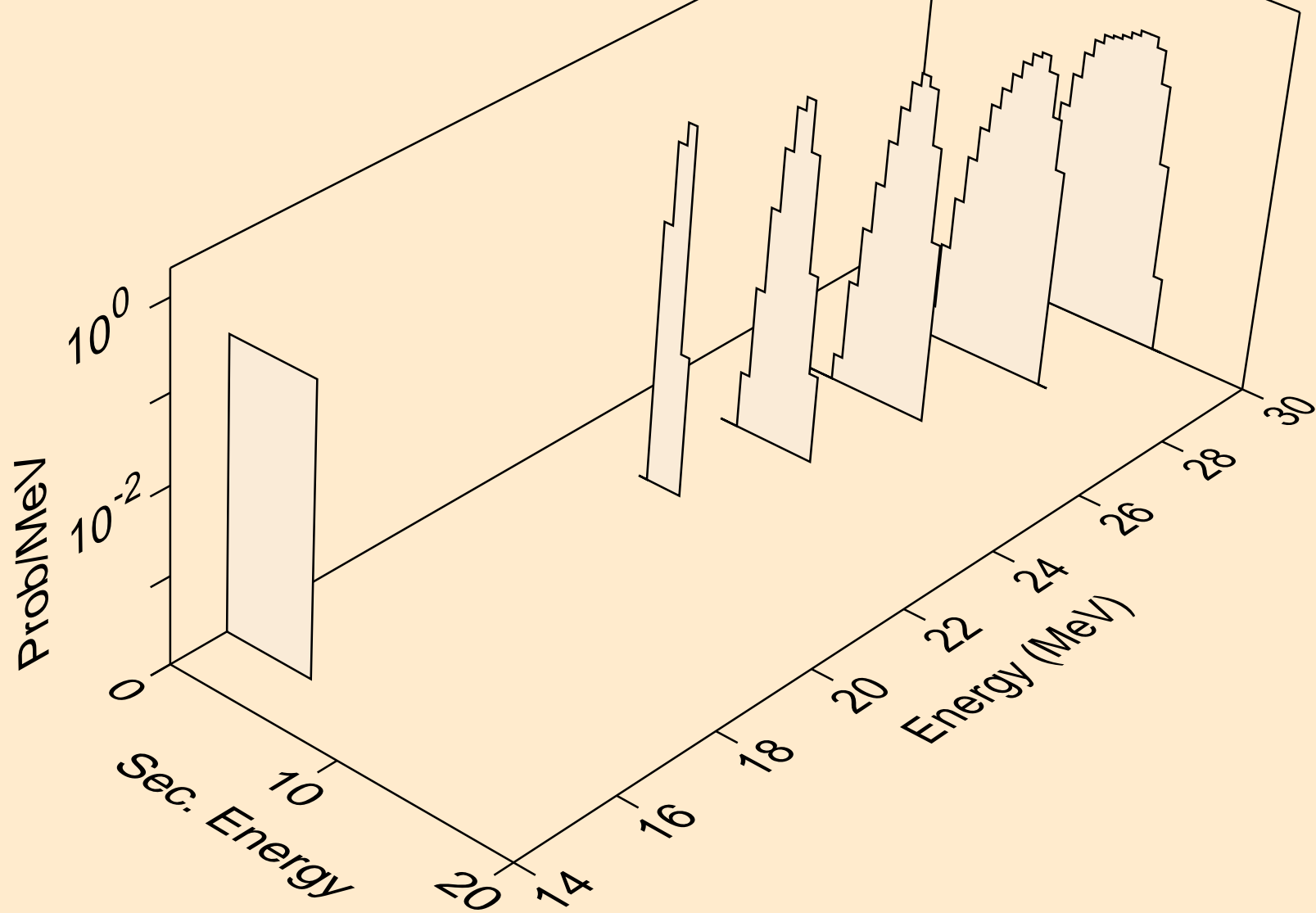




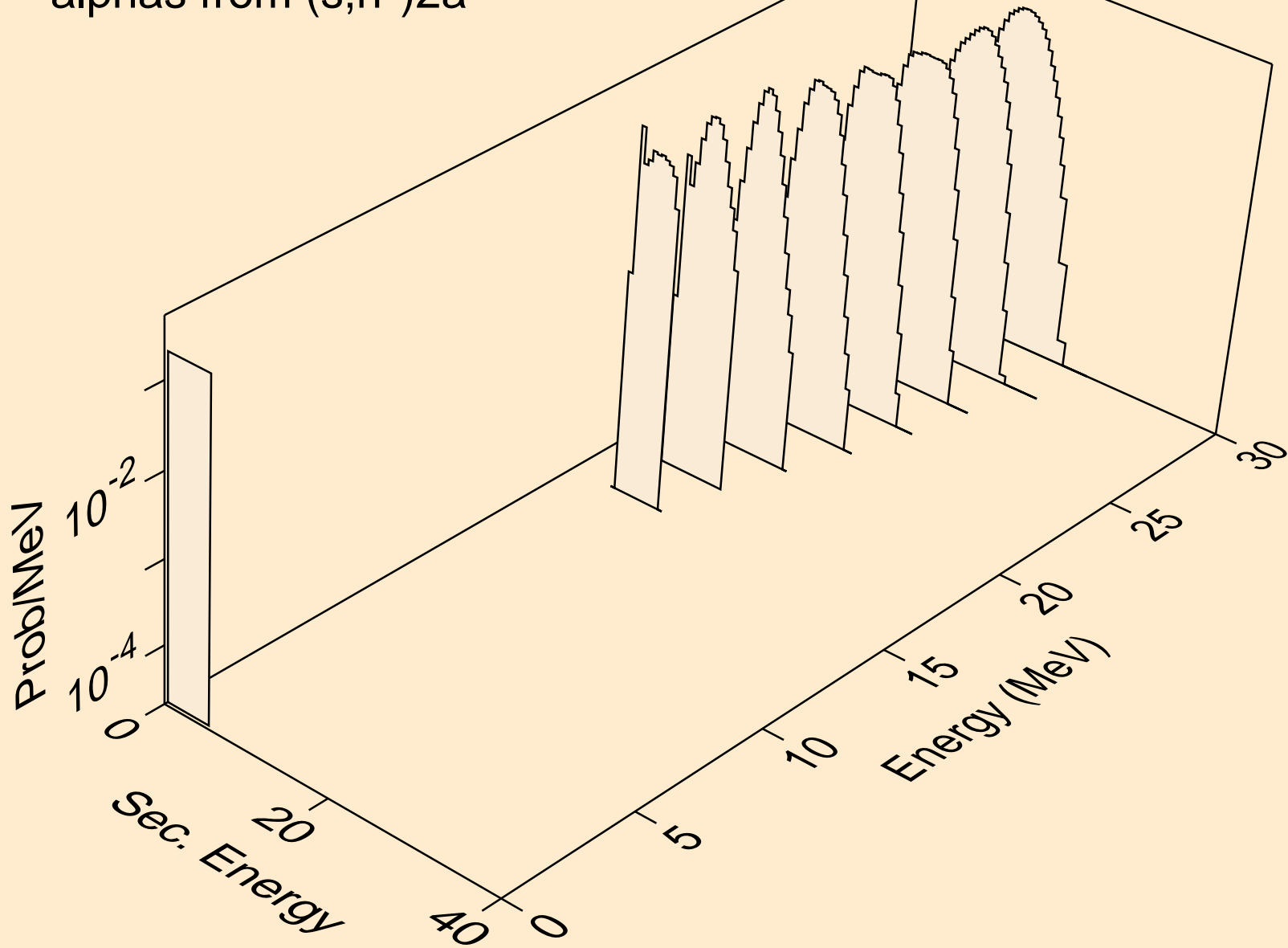
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



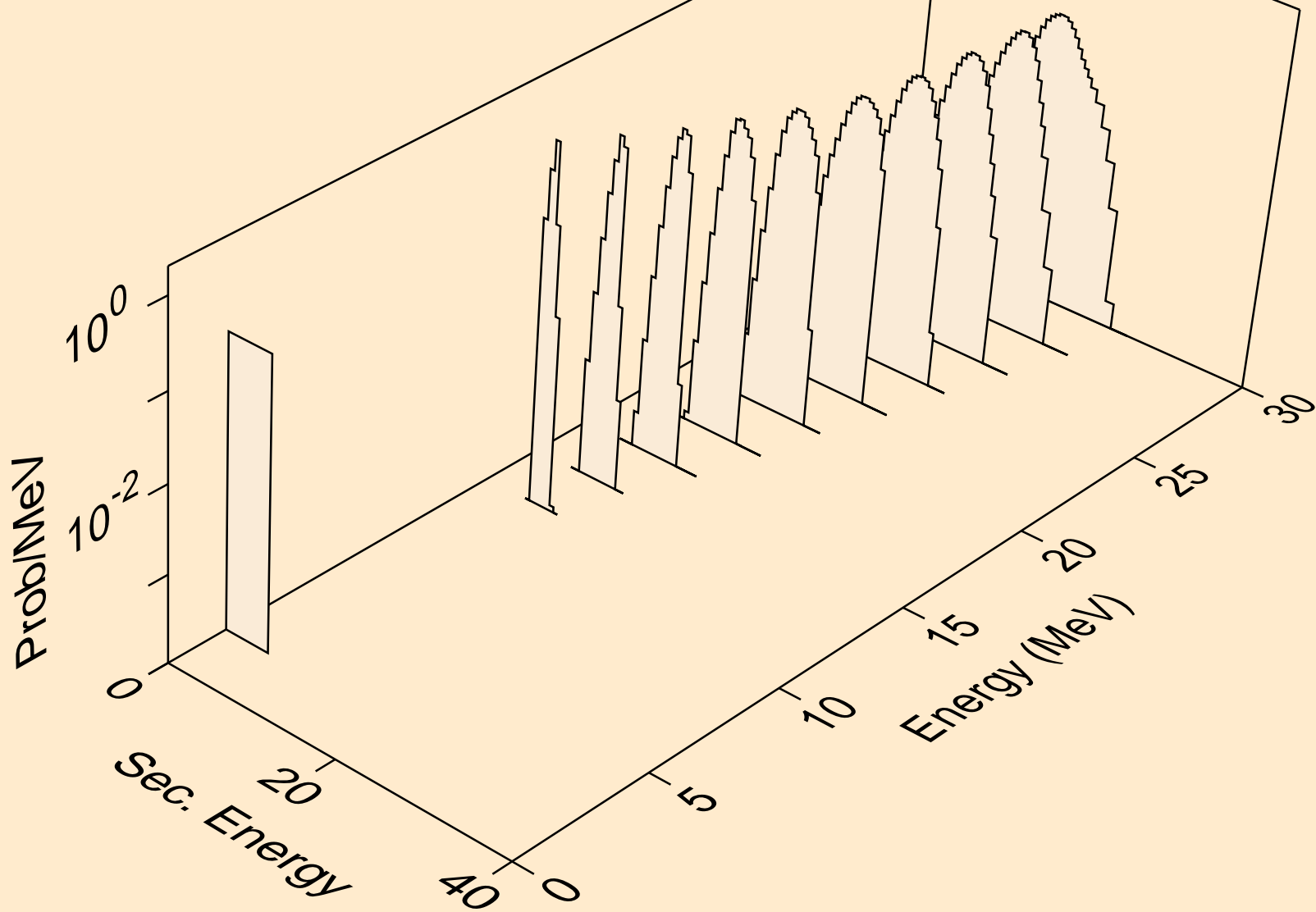
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alphas from (s,2n)a



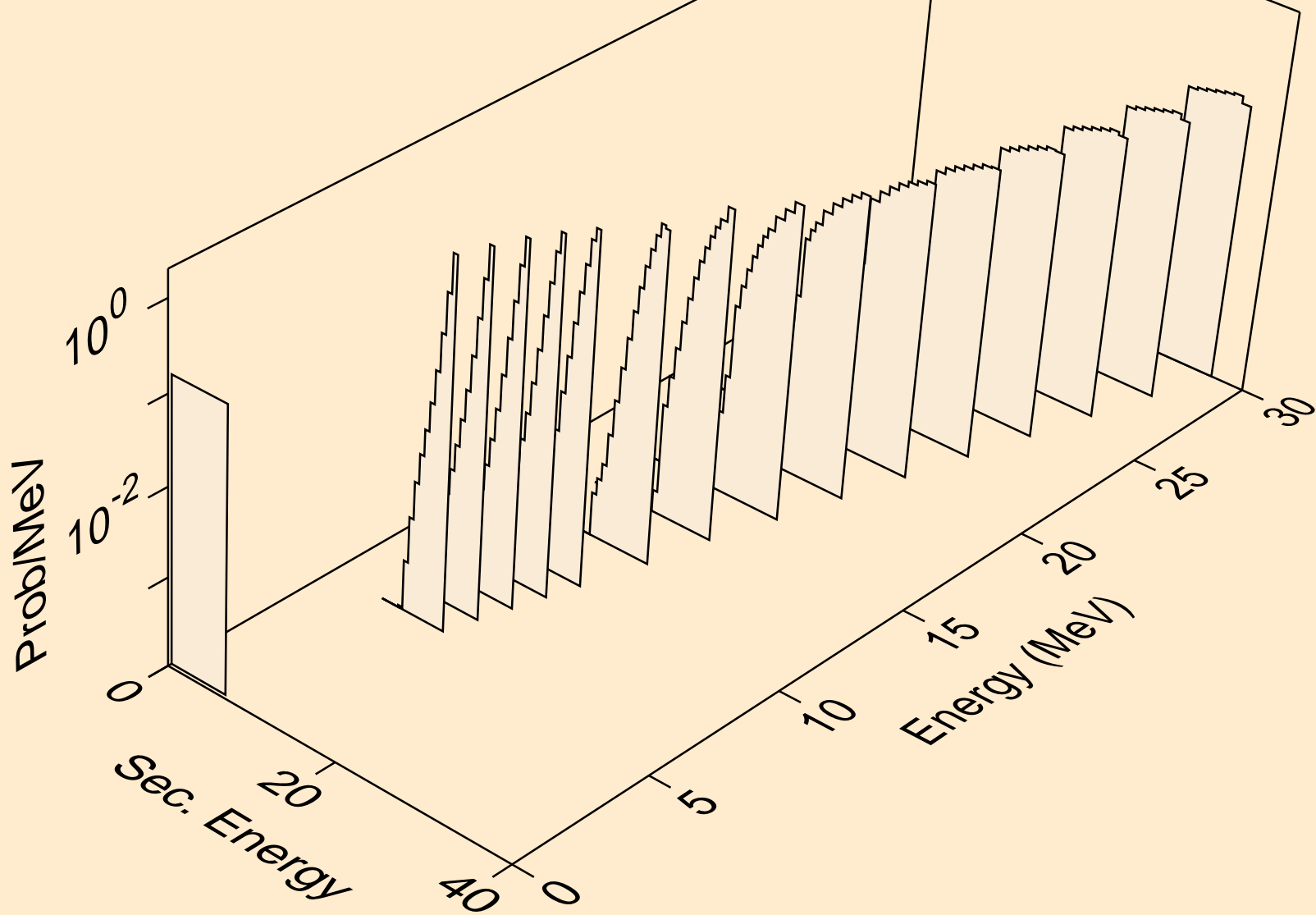
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alphas from (s,n\*)2a



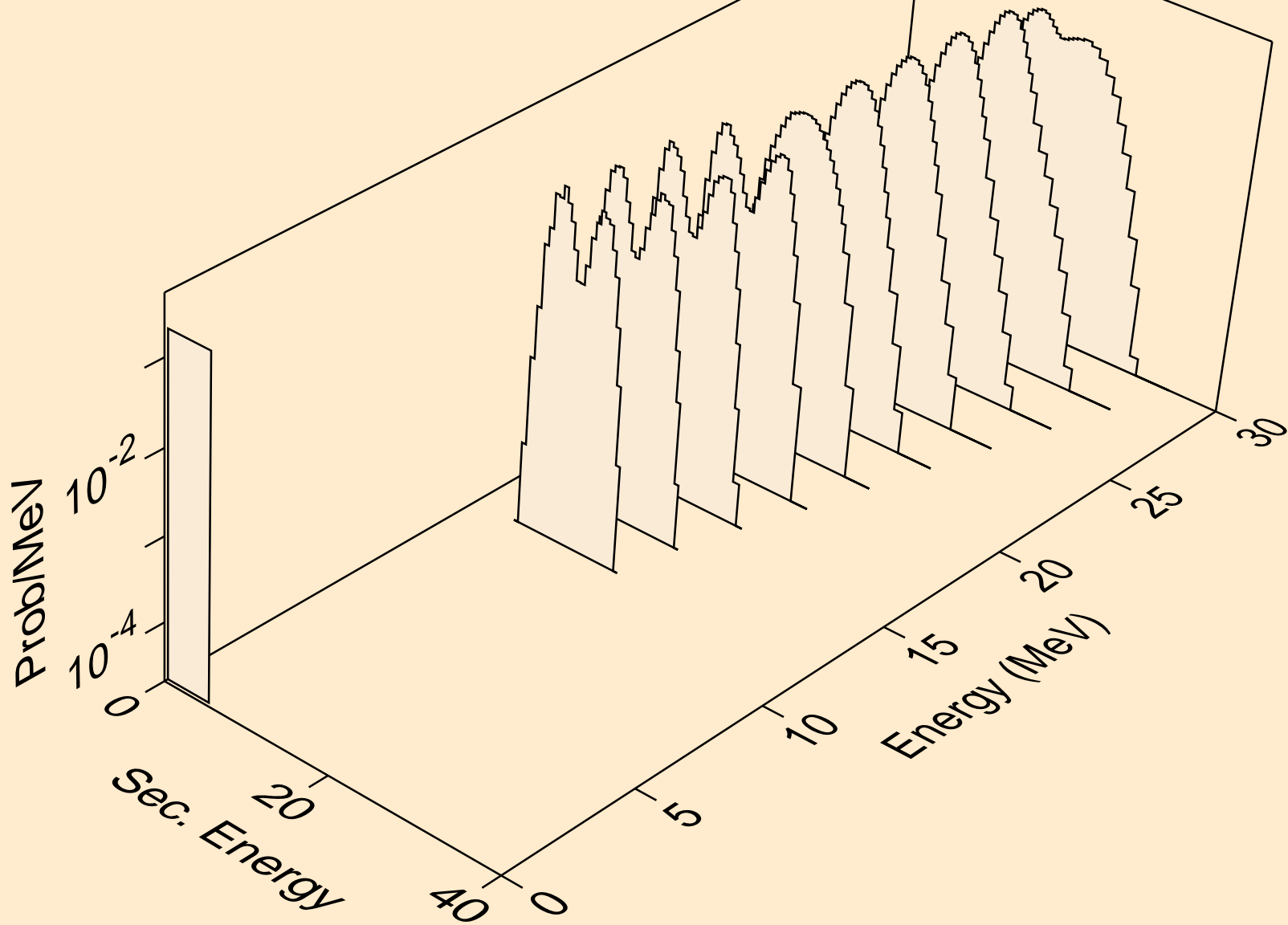
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



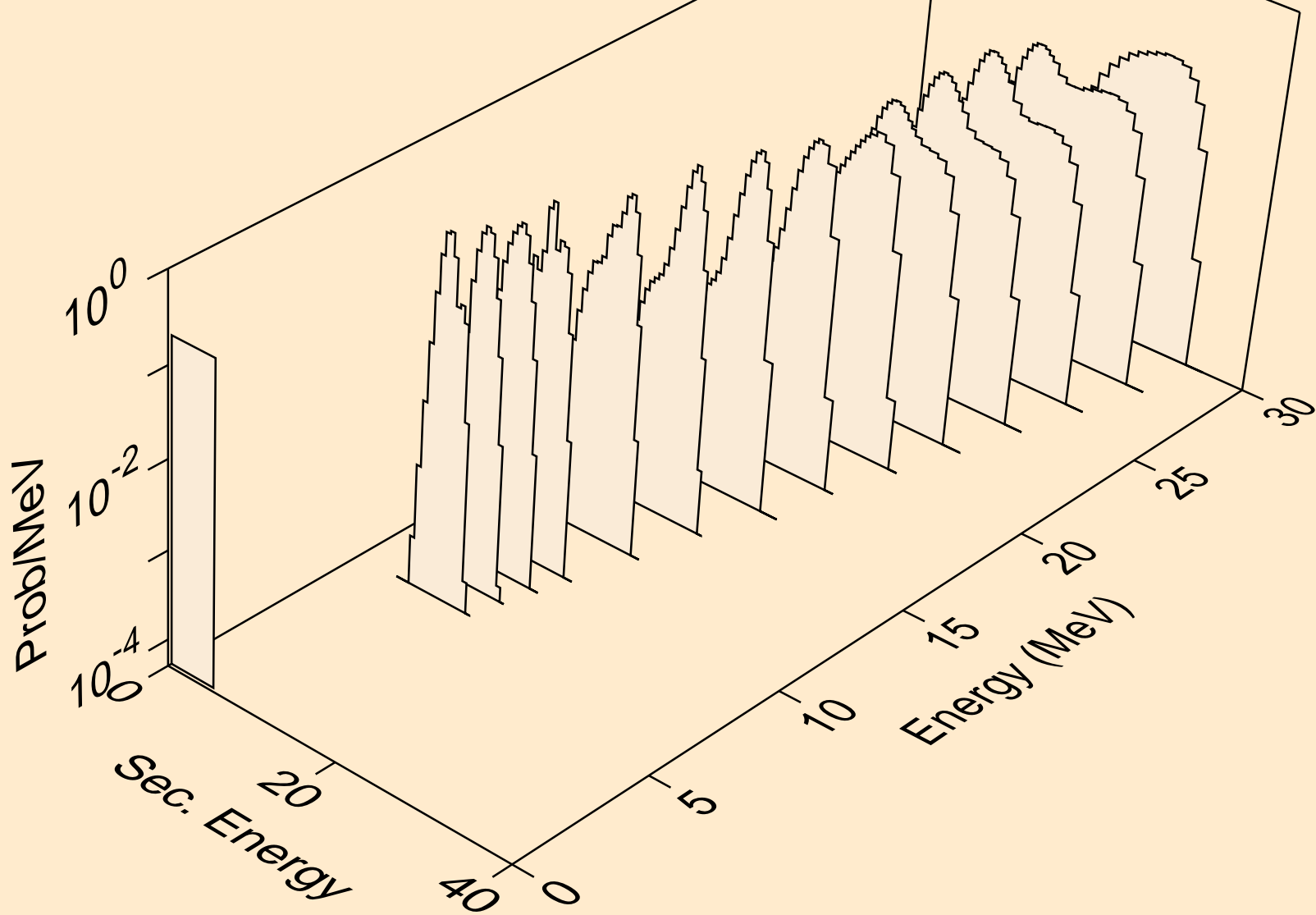
HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



HO147 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

