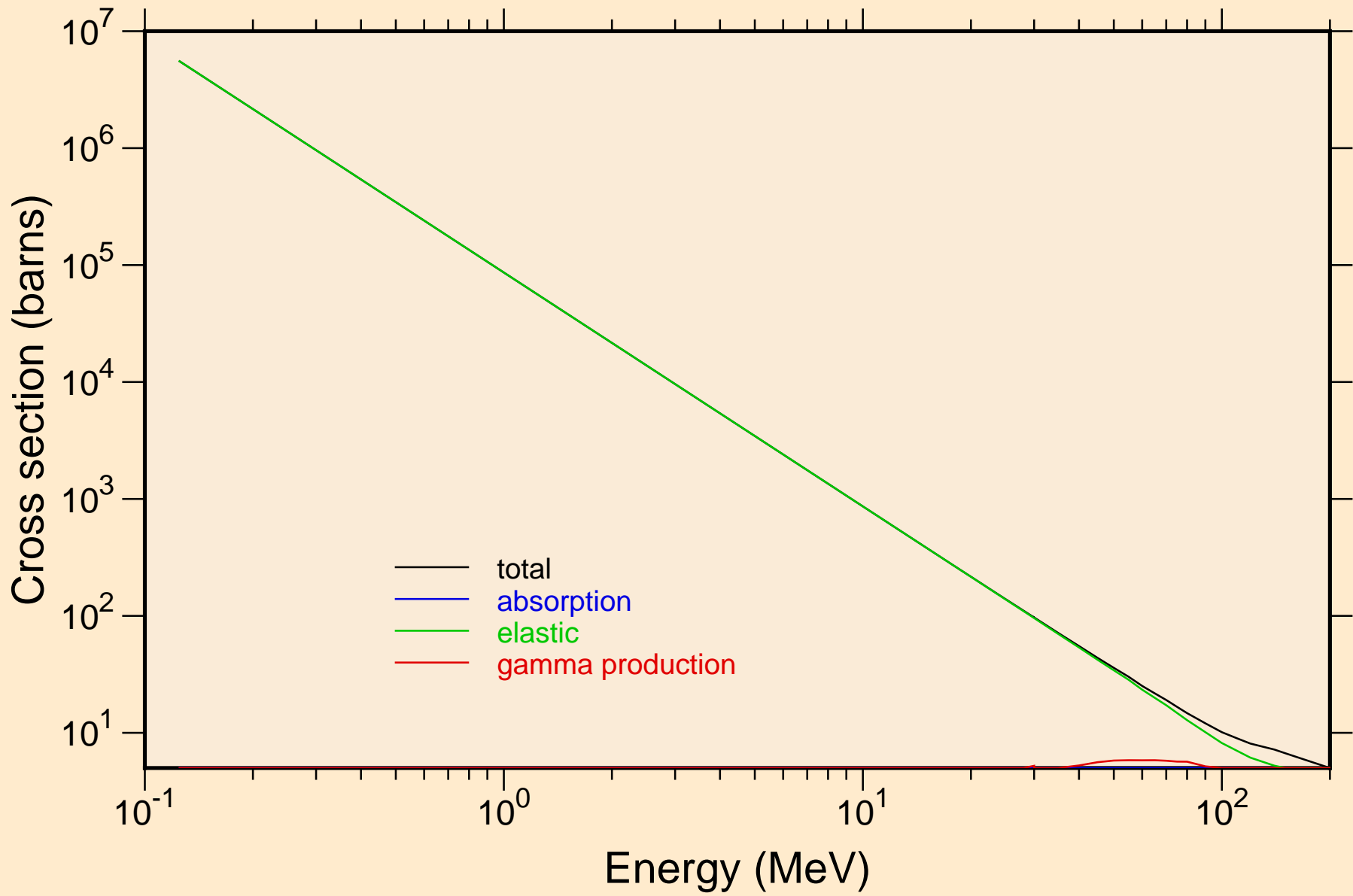
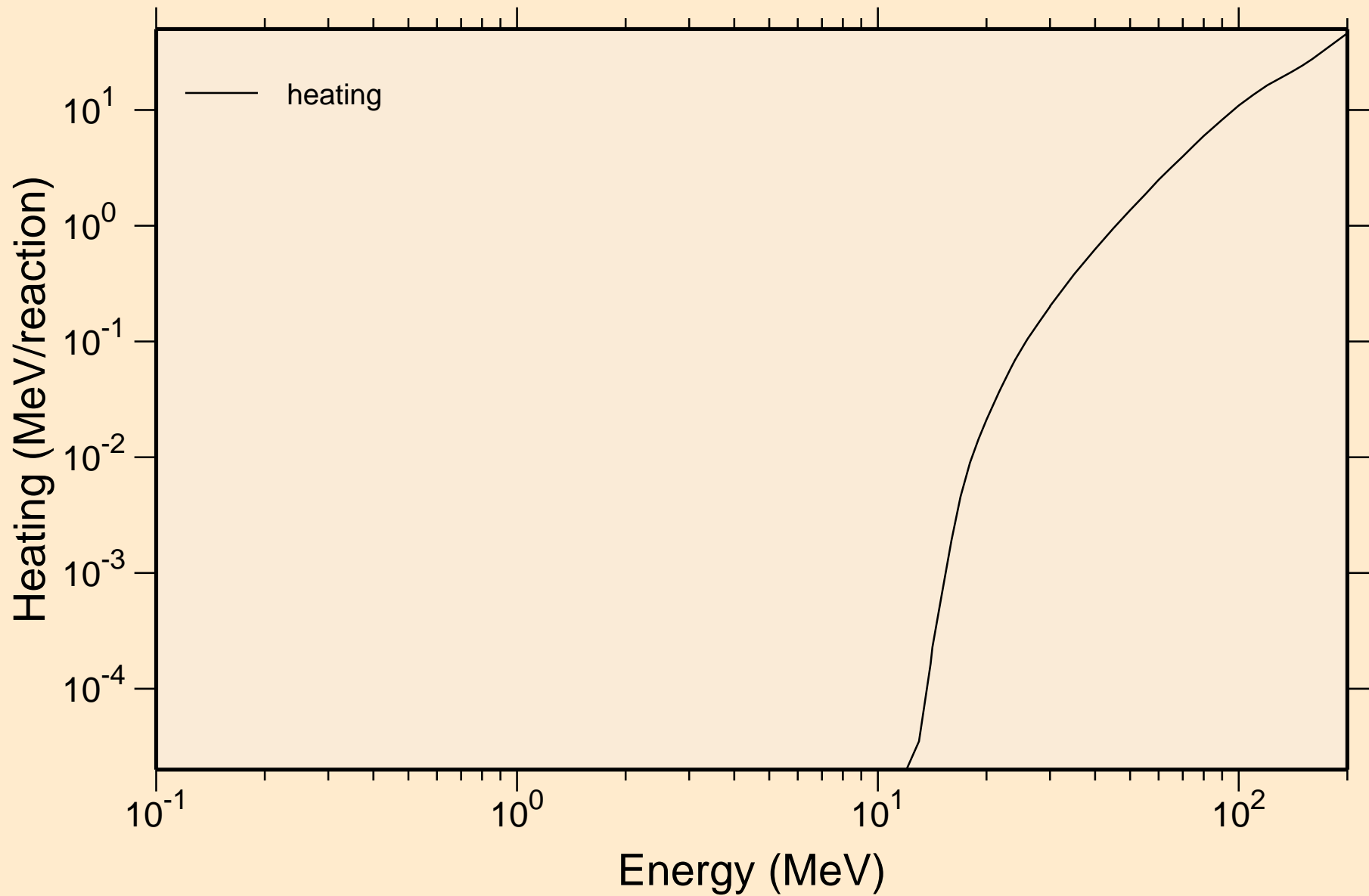


CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



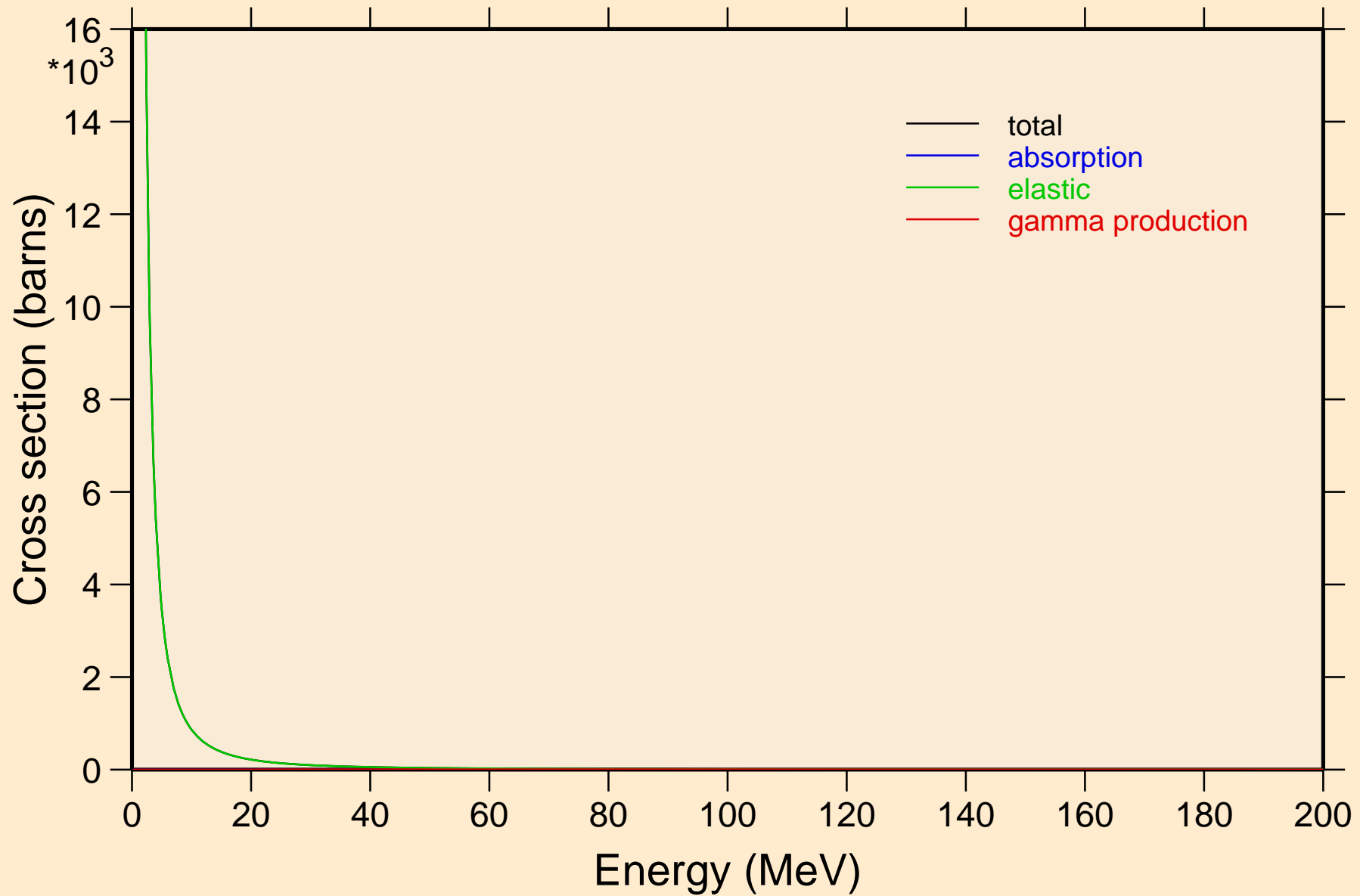
# CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



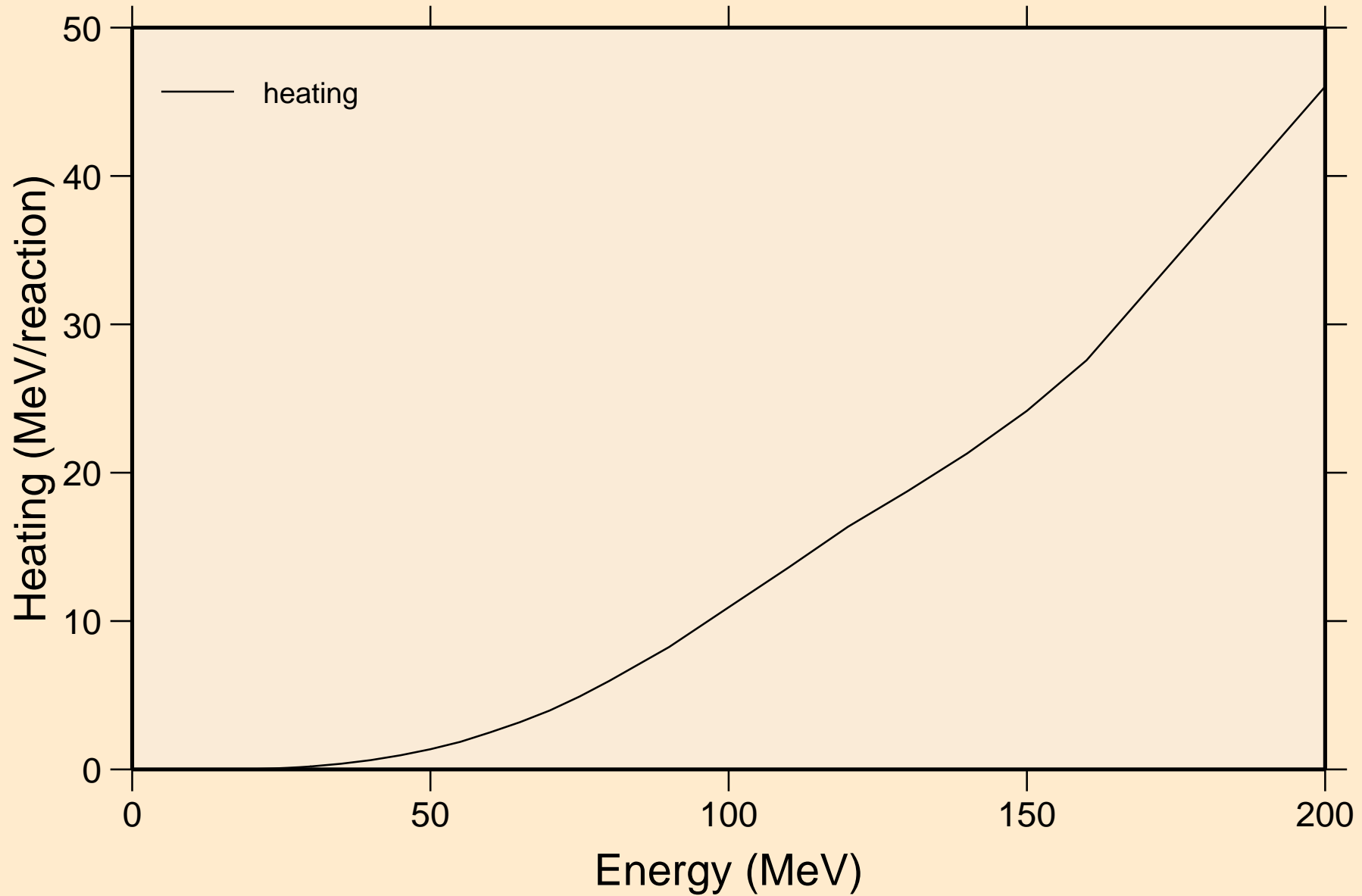
# CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

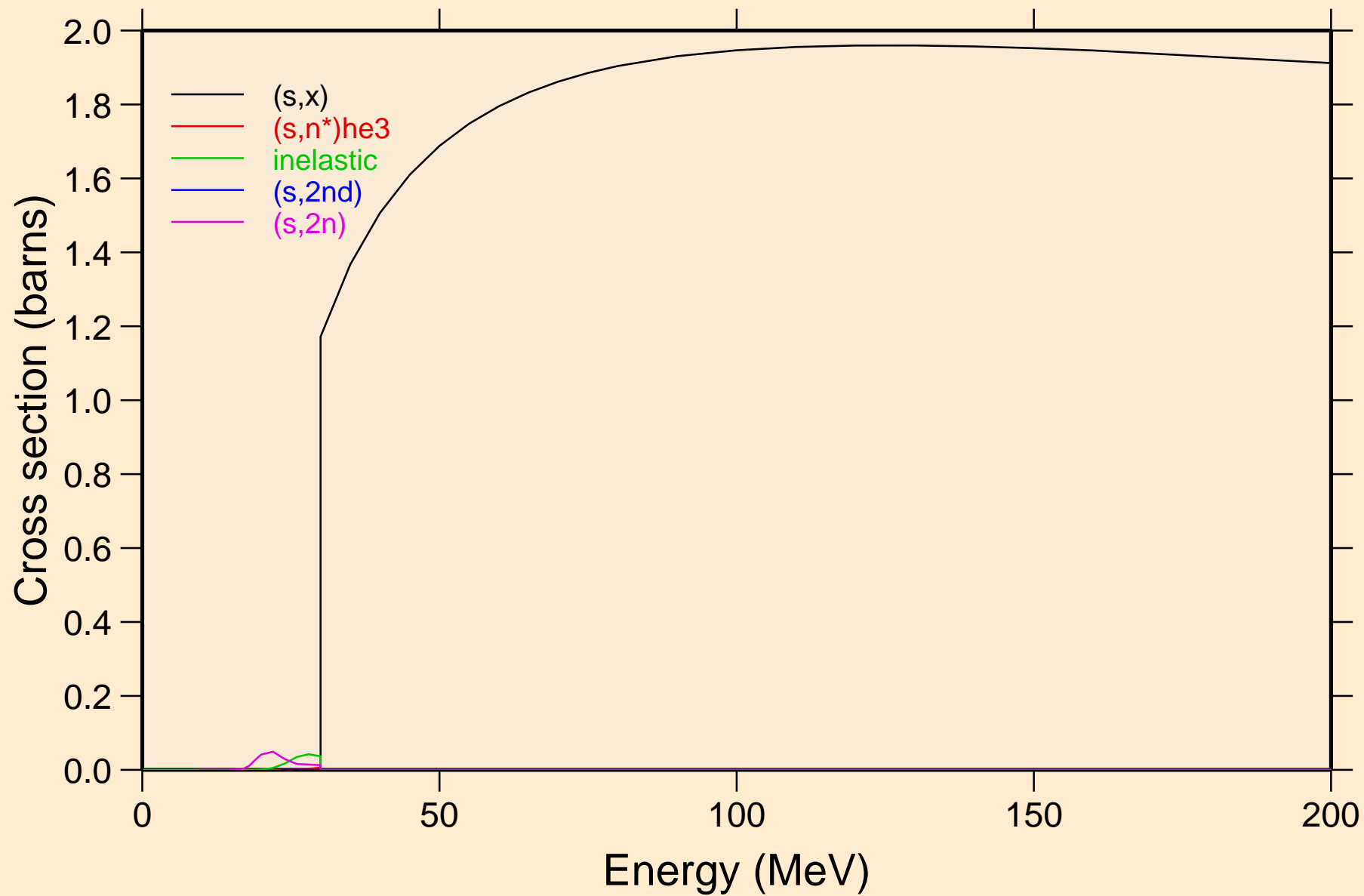


# CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating

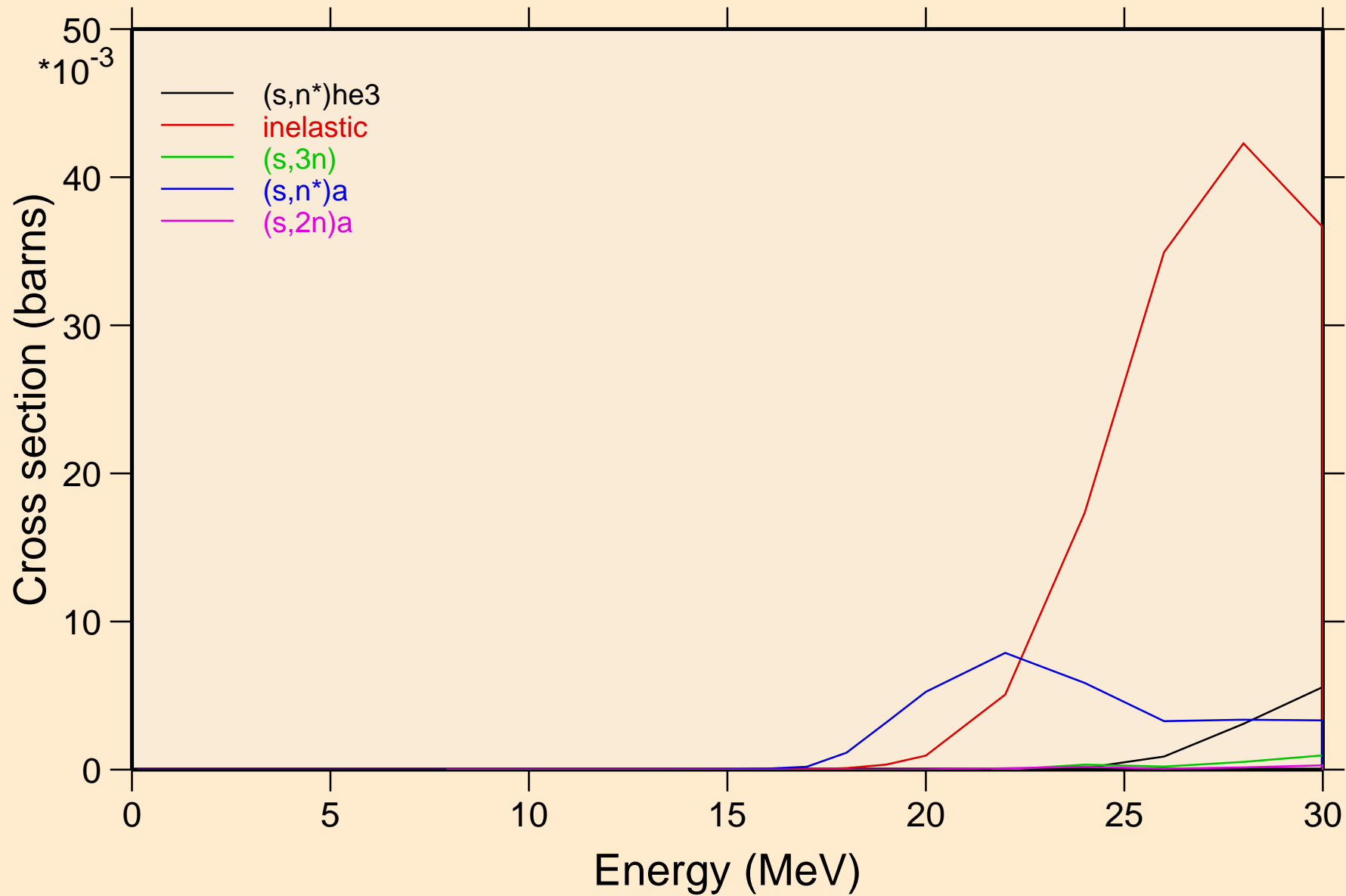


CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

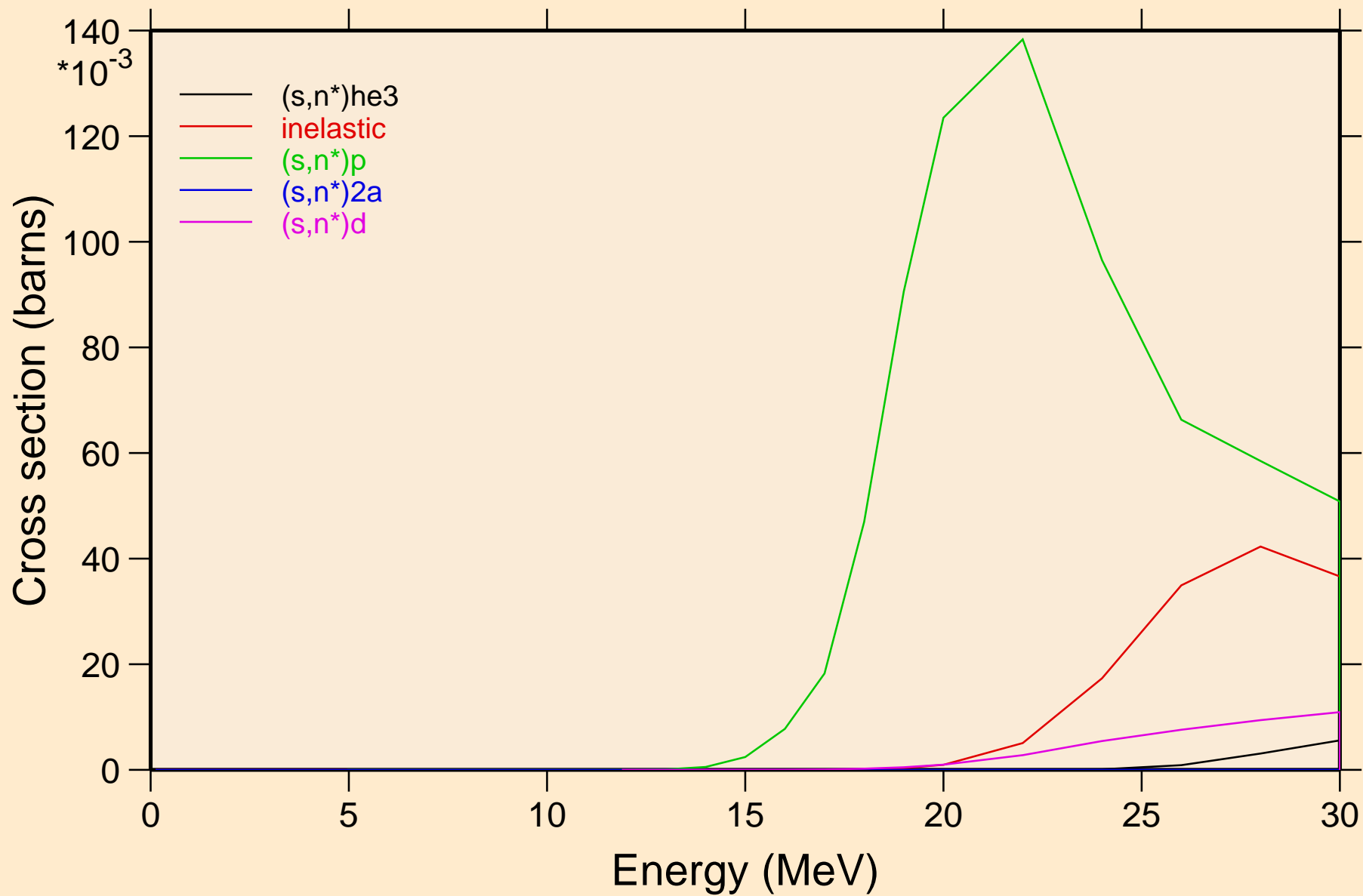


# CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K

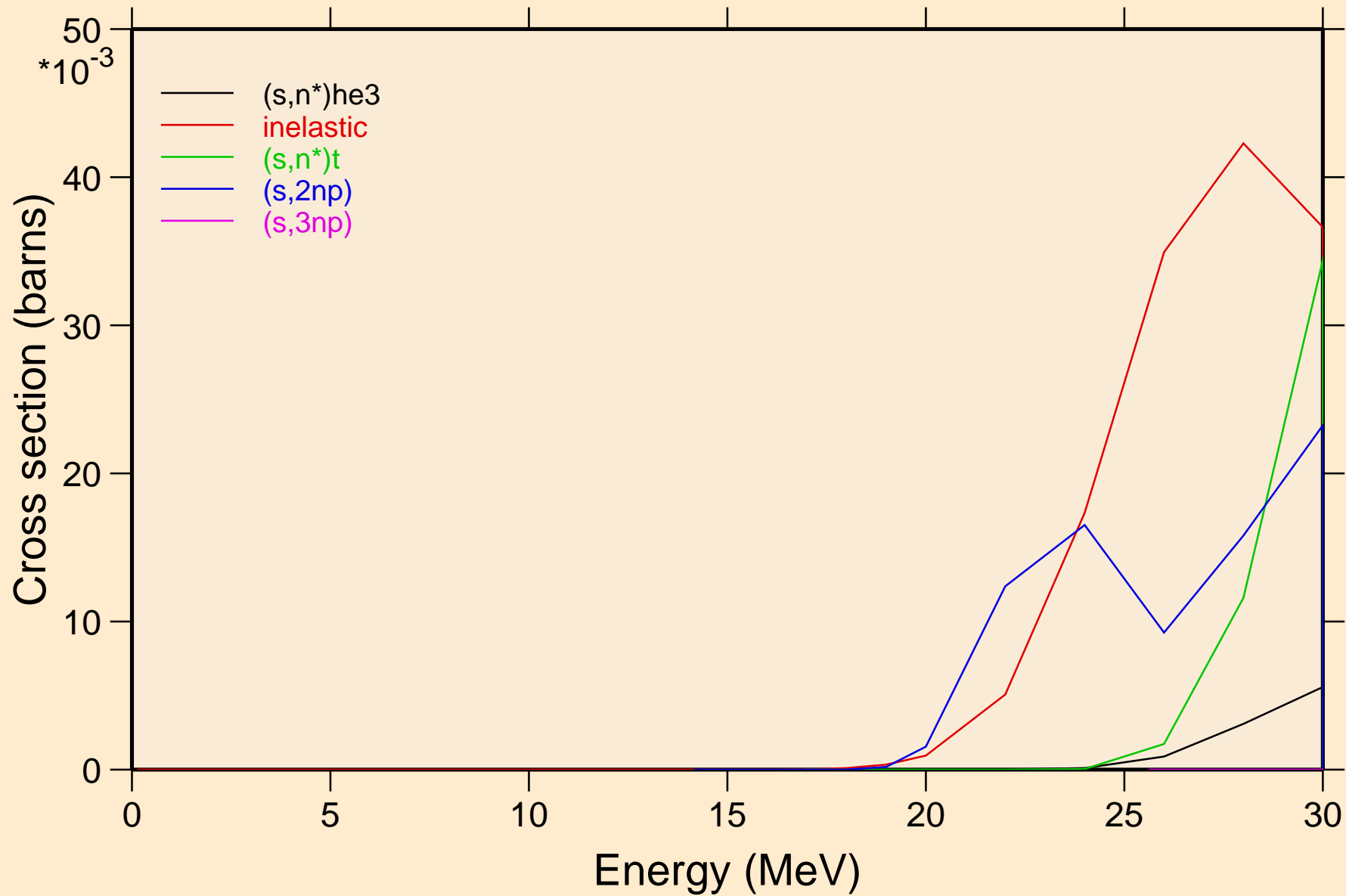
## Threshold reactions



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



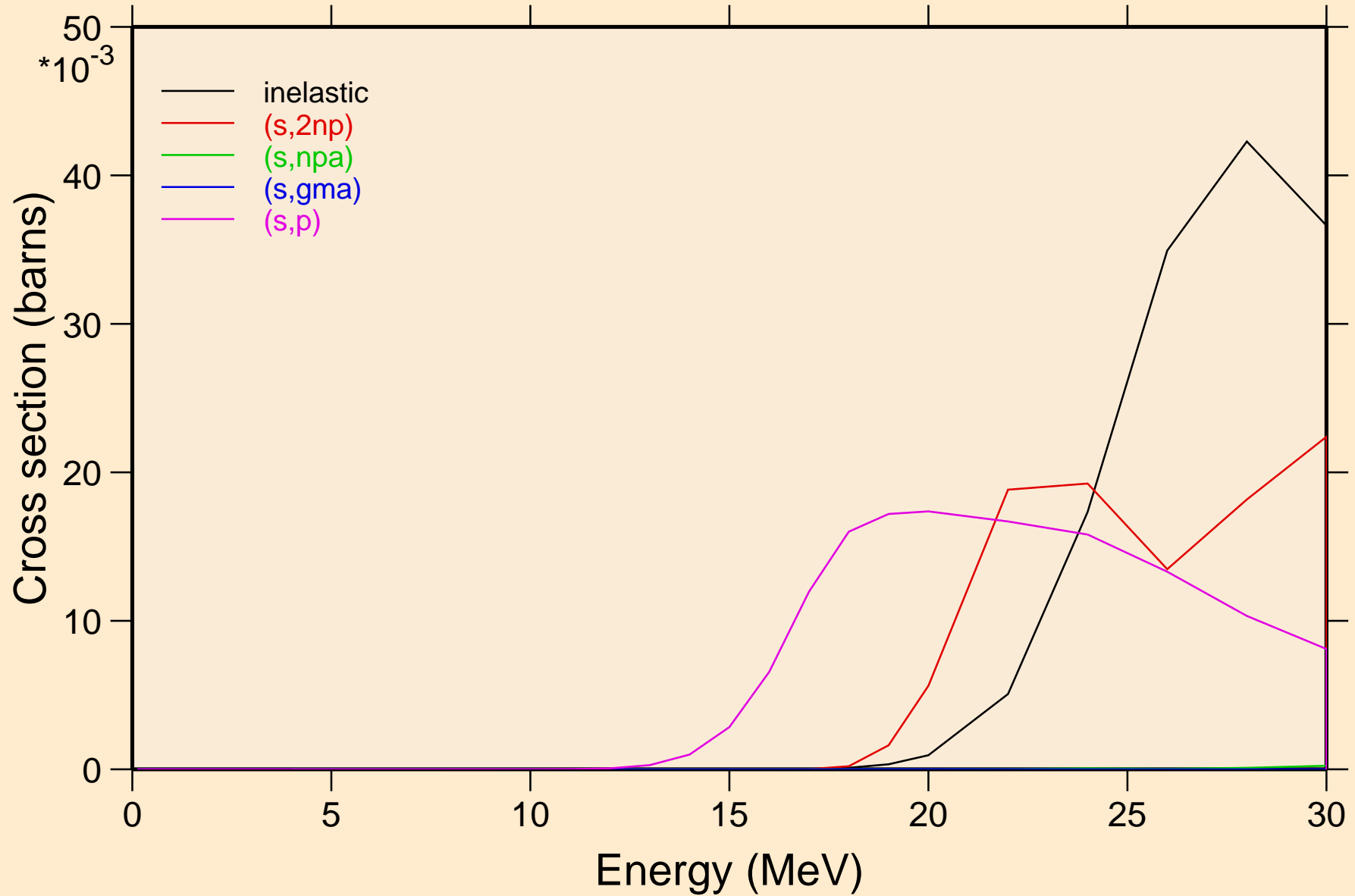
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



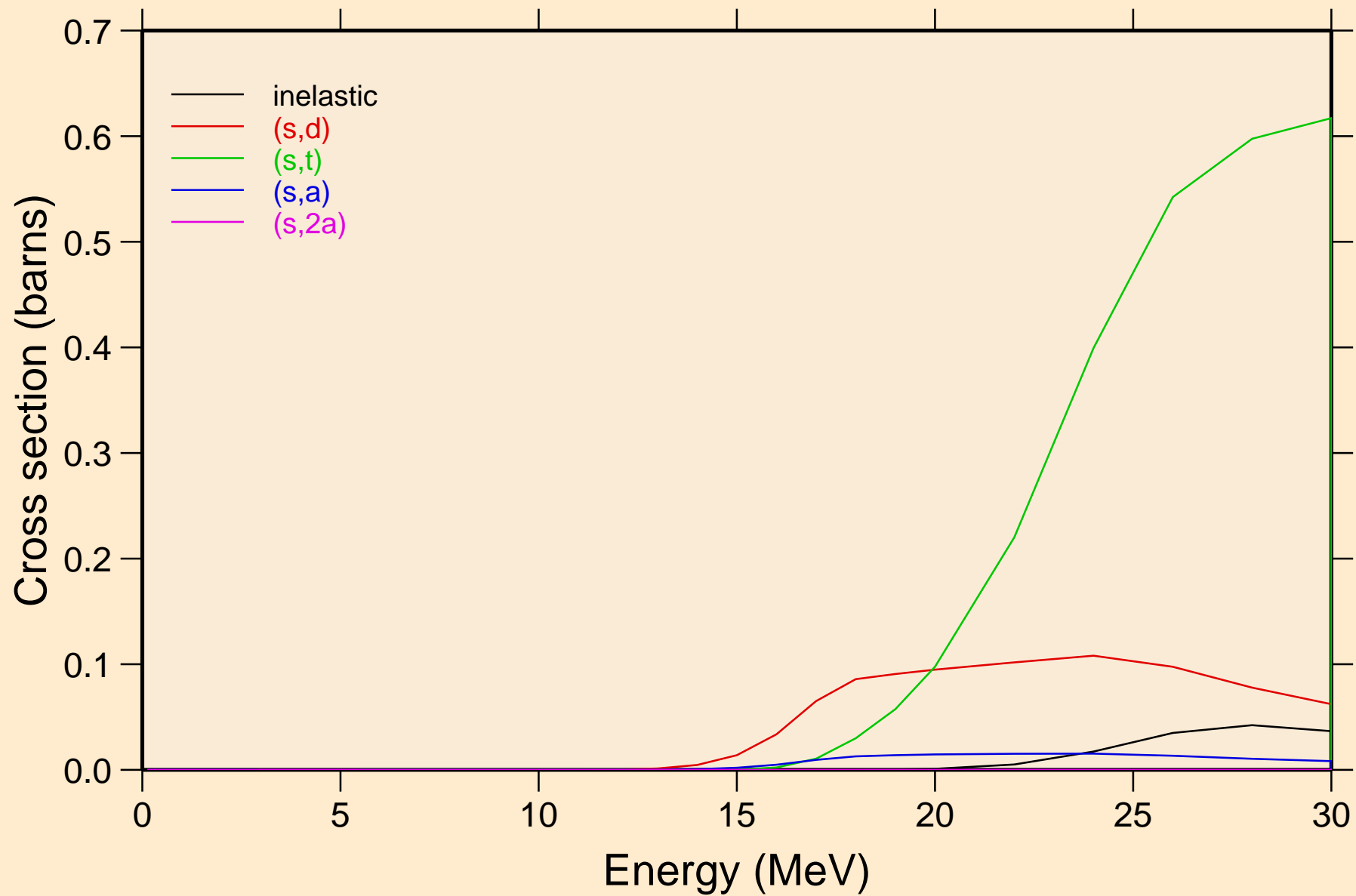


# CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

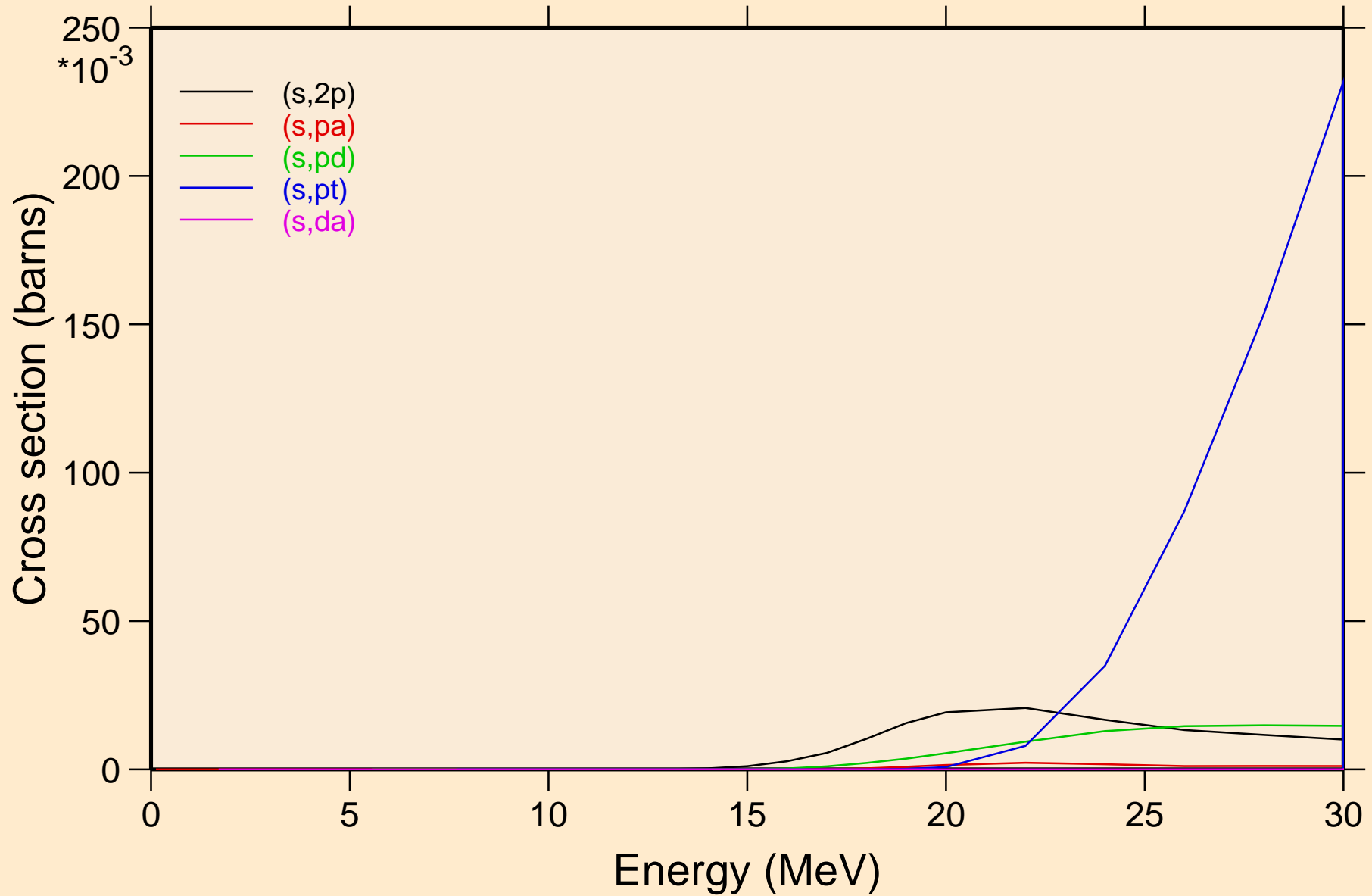


CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

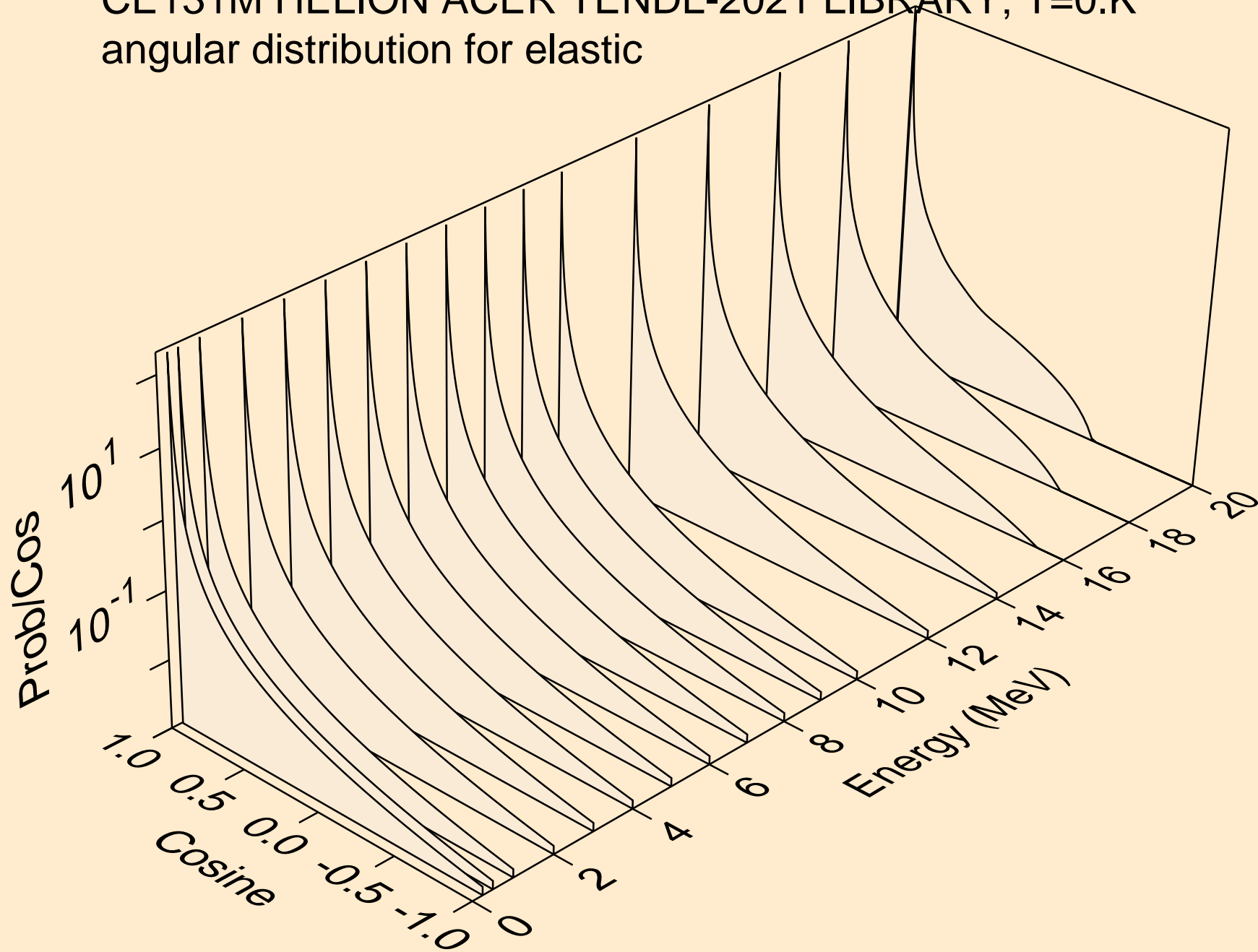


# CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K

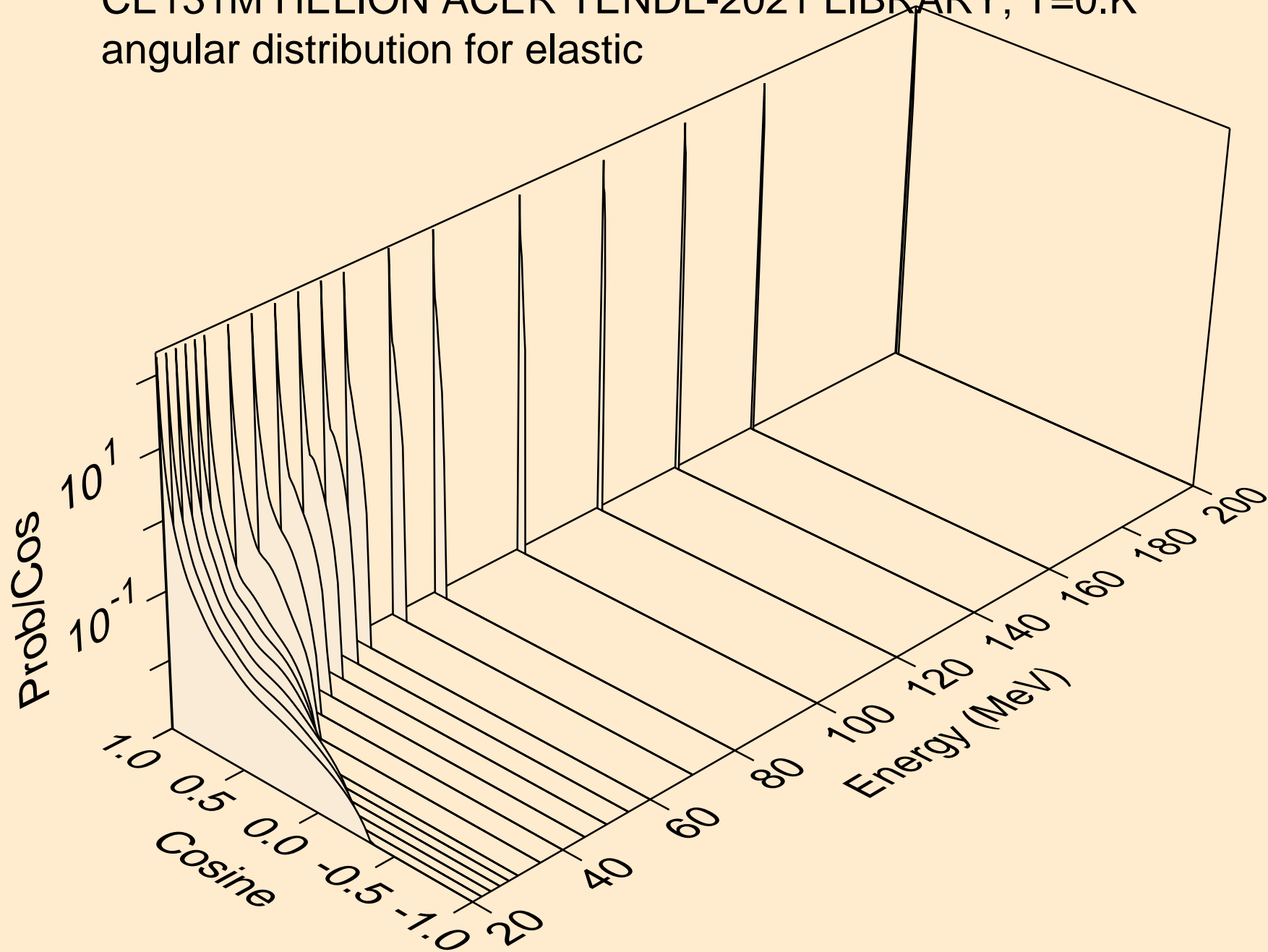
## Threshold reactions



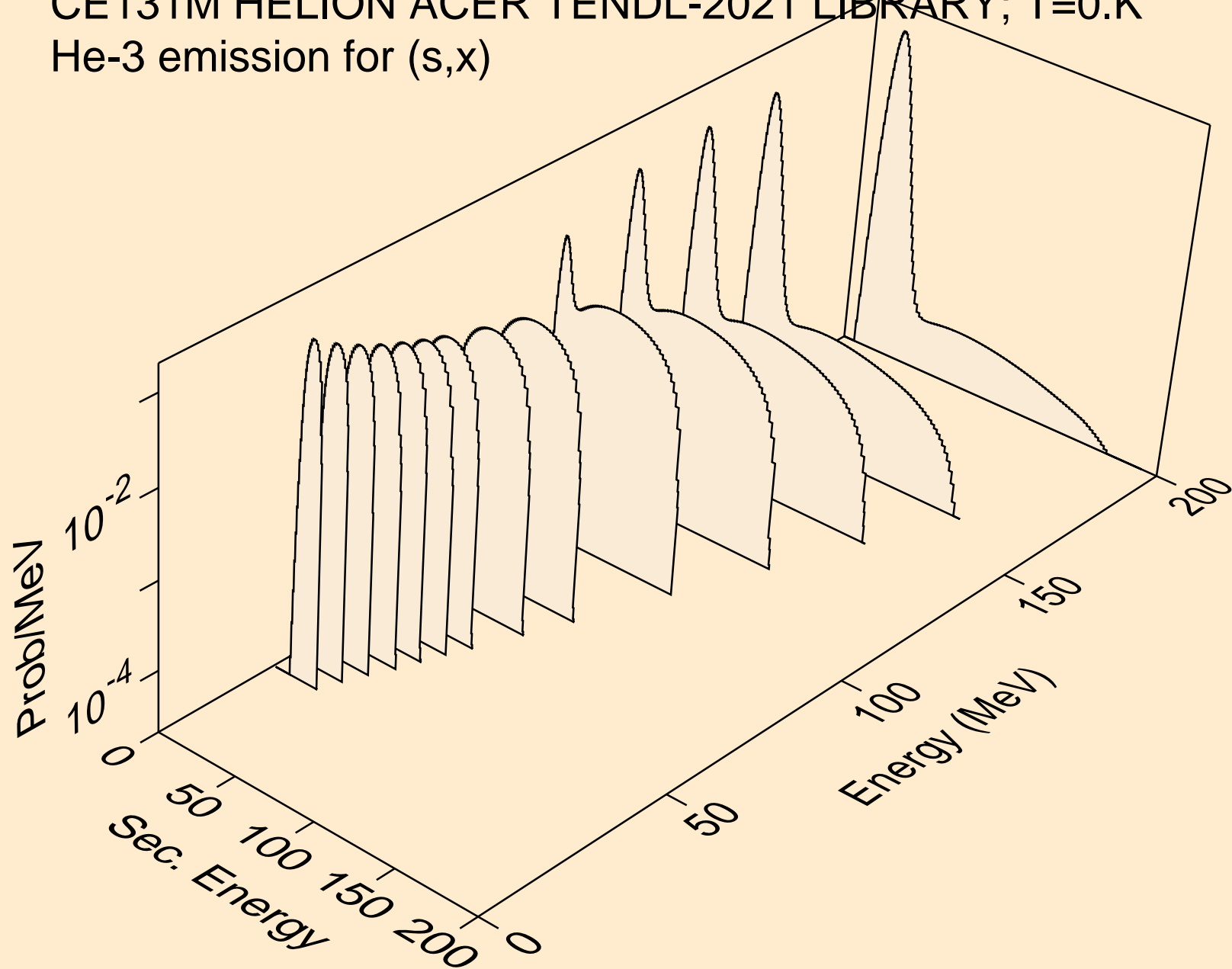
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



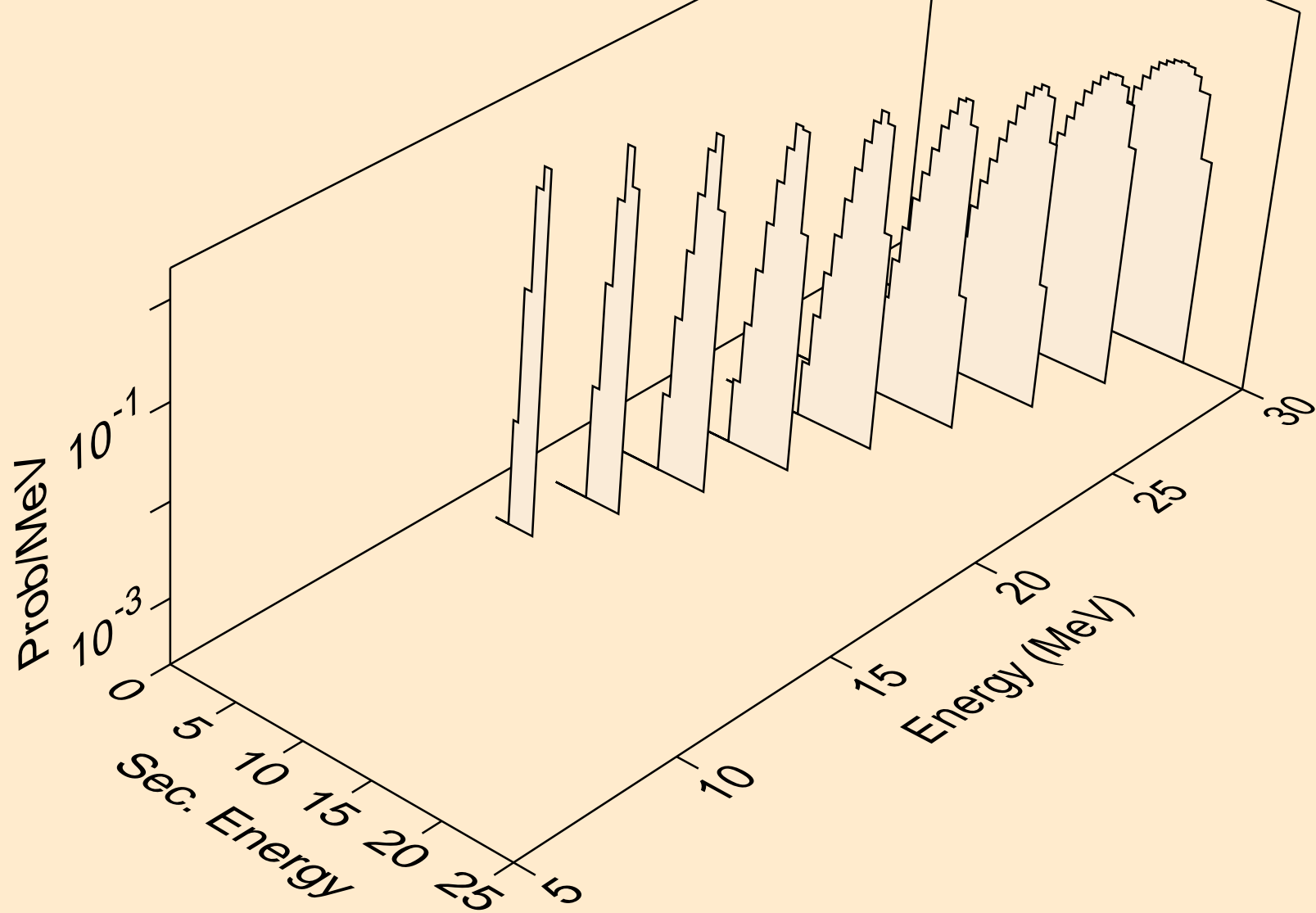
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



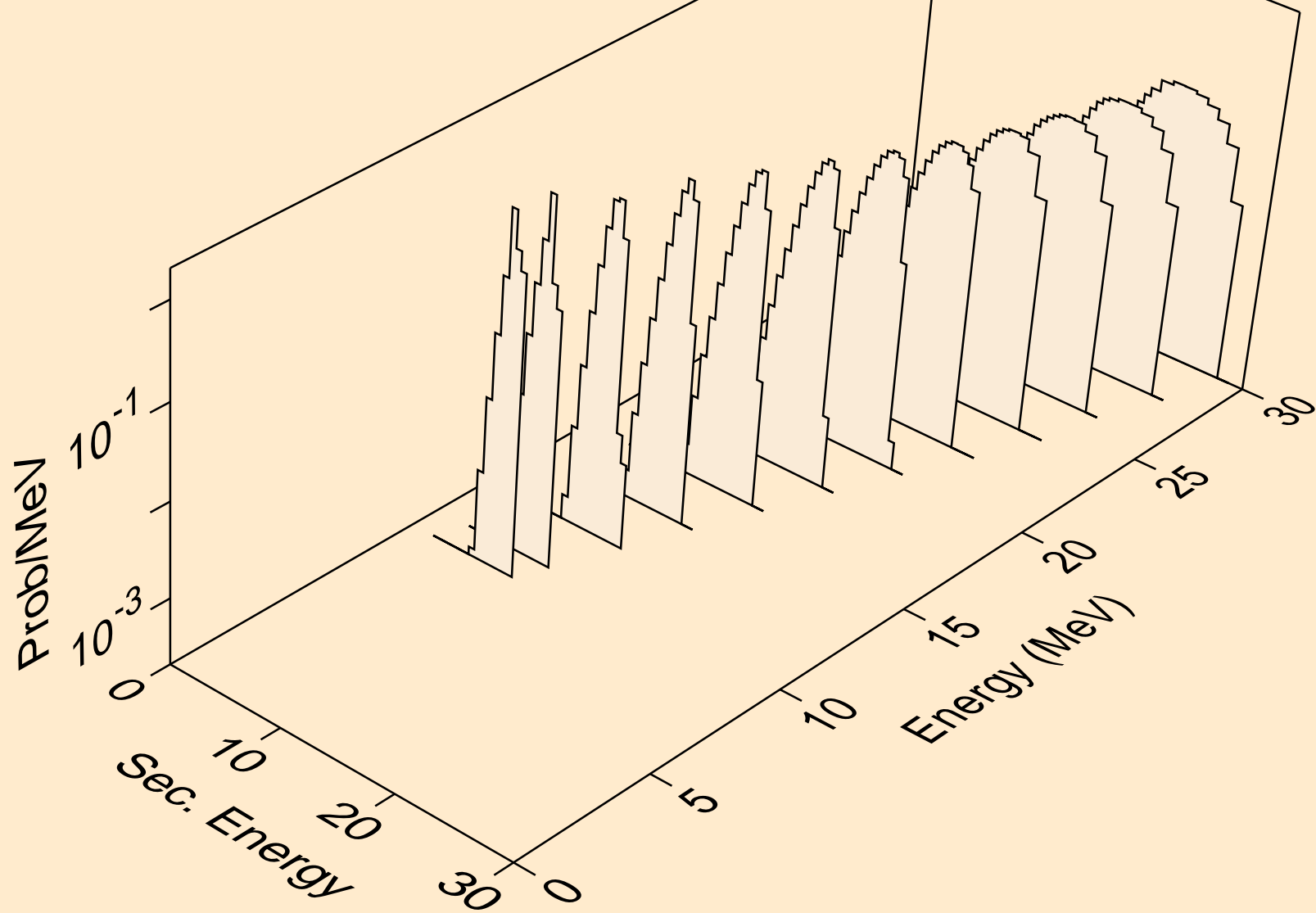
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

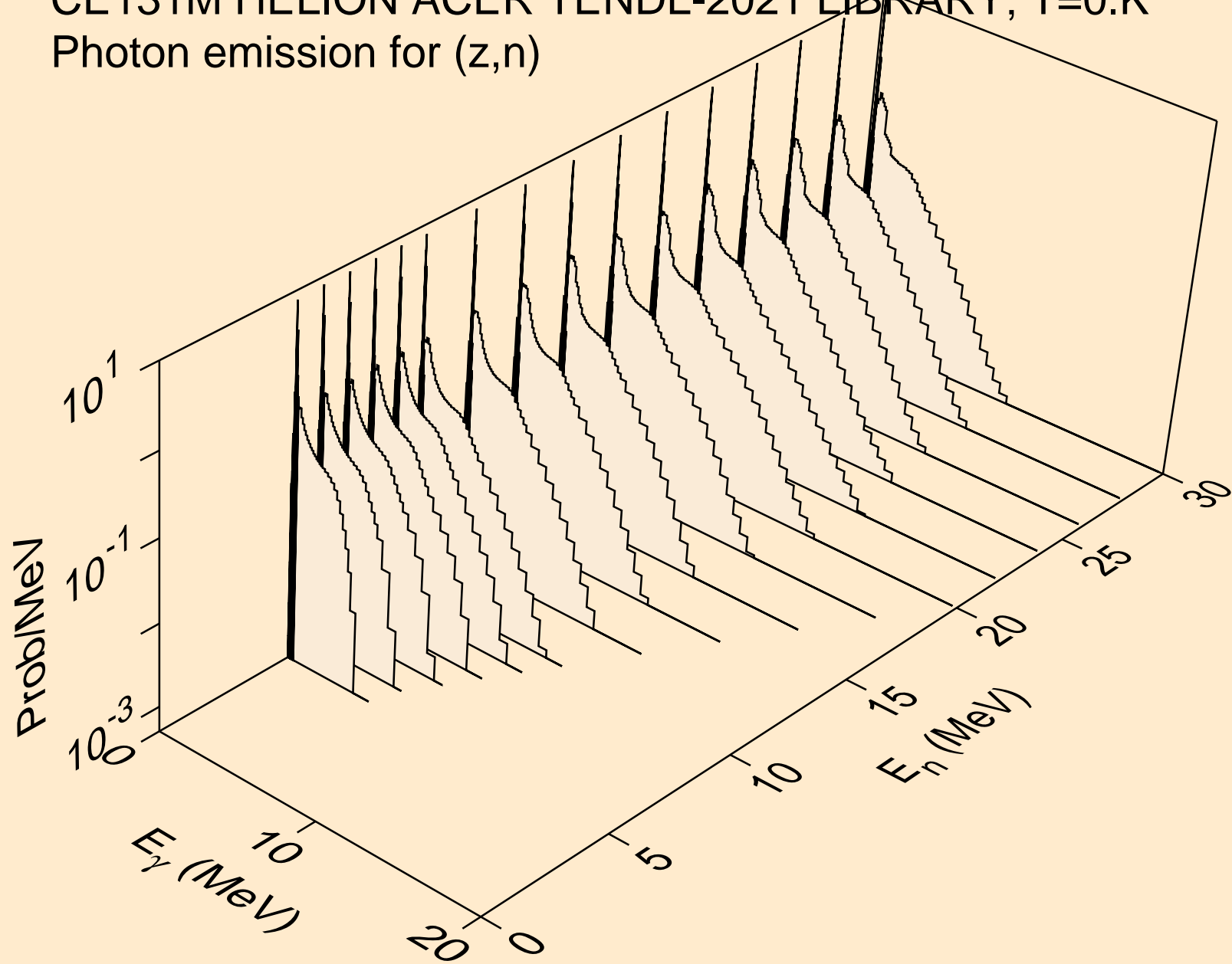


CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

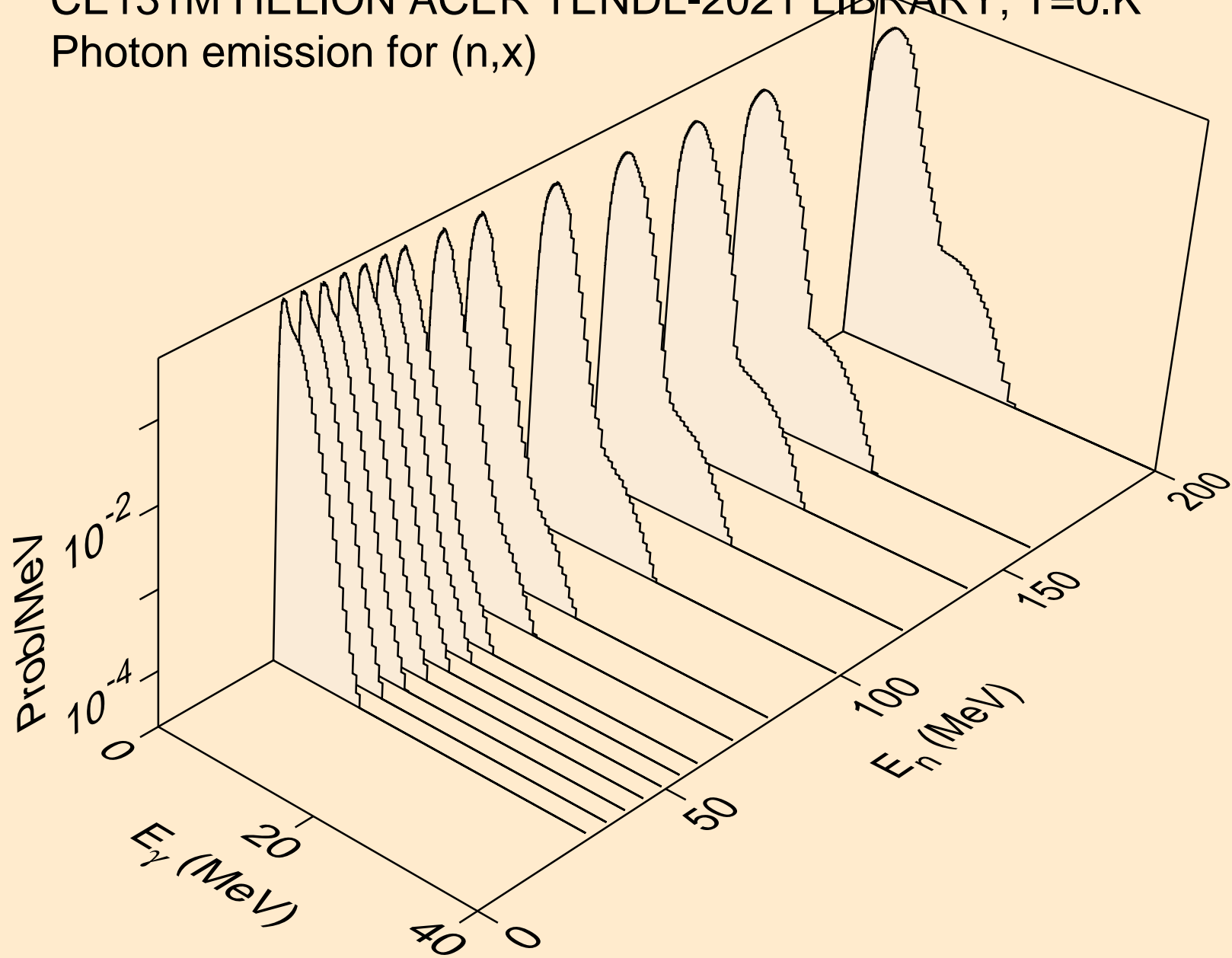




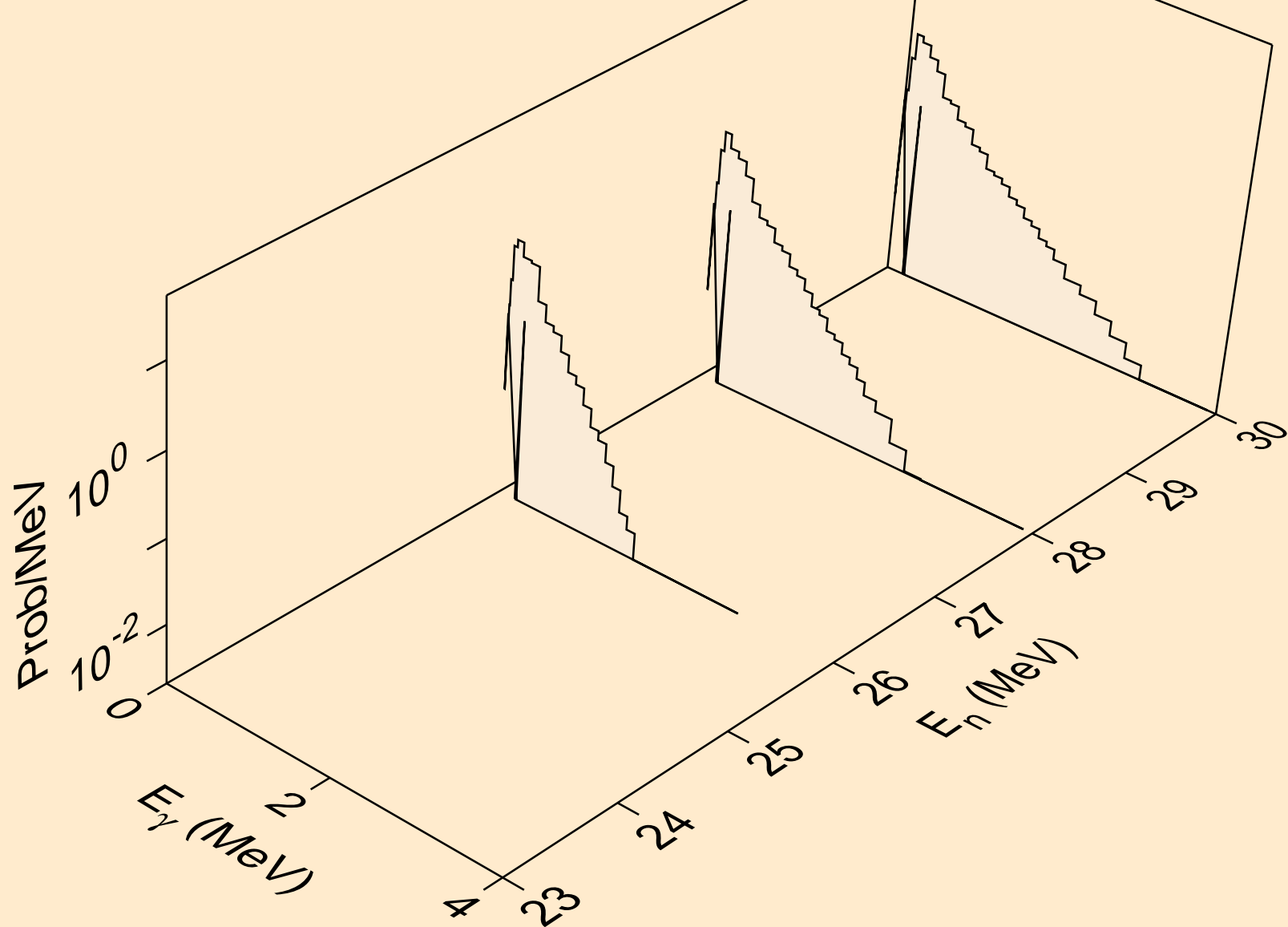
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



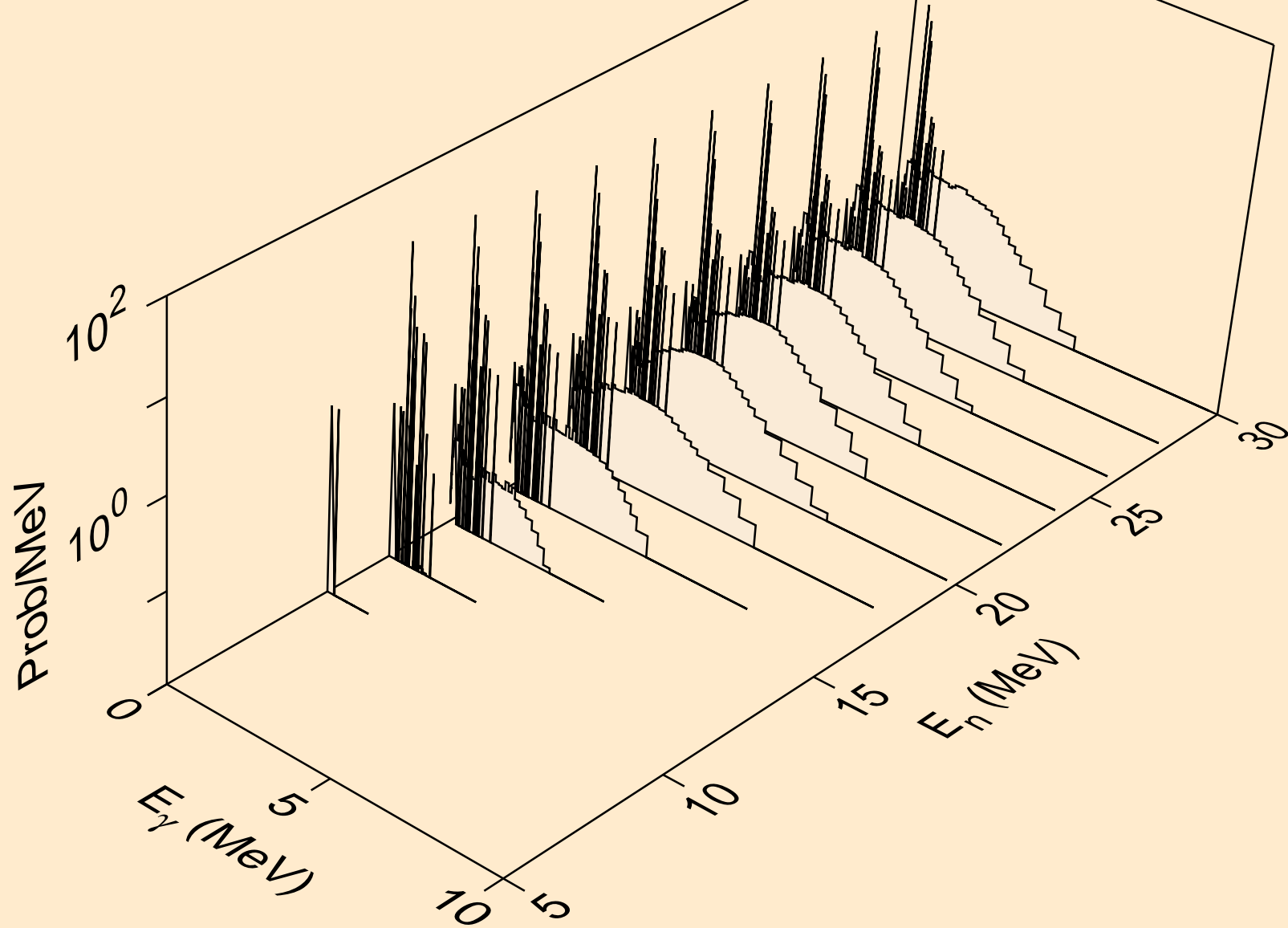
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



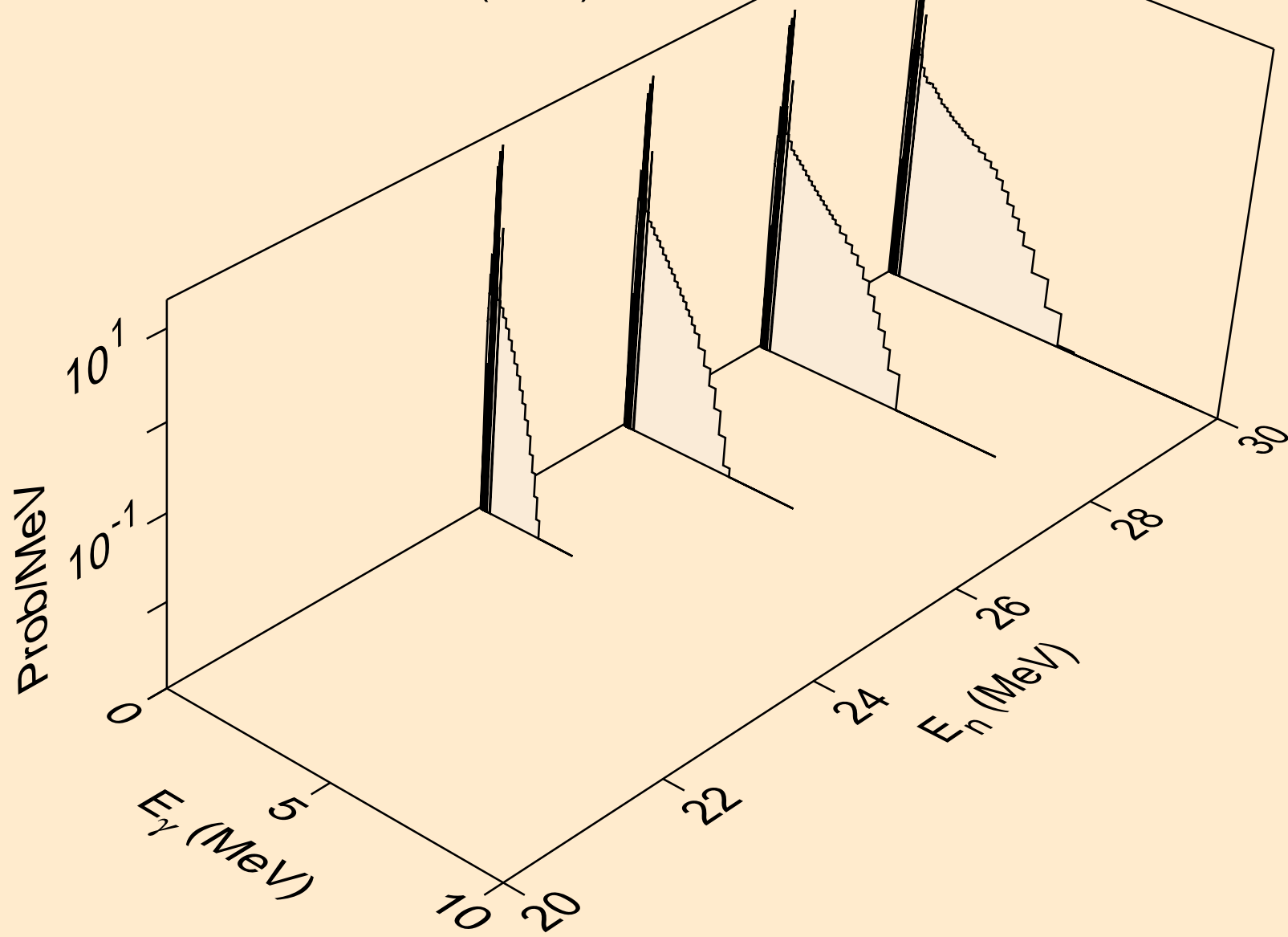
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



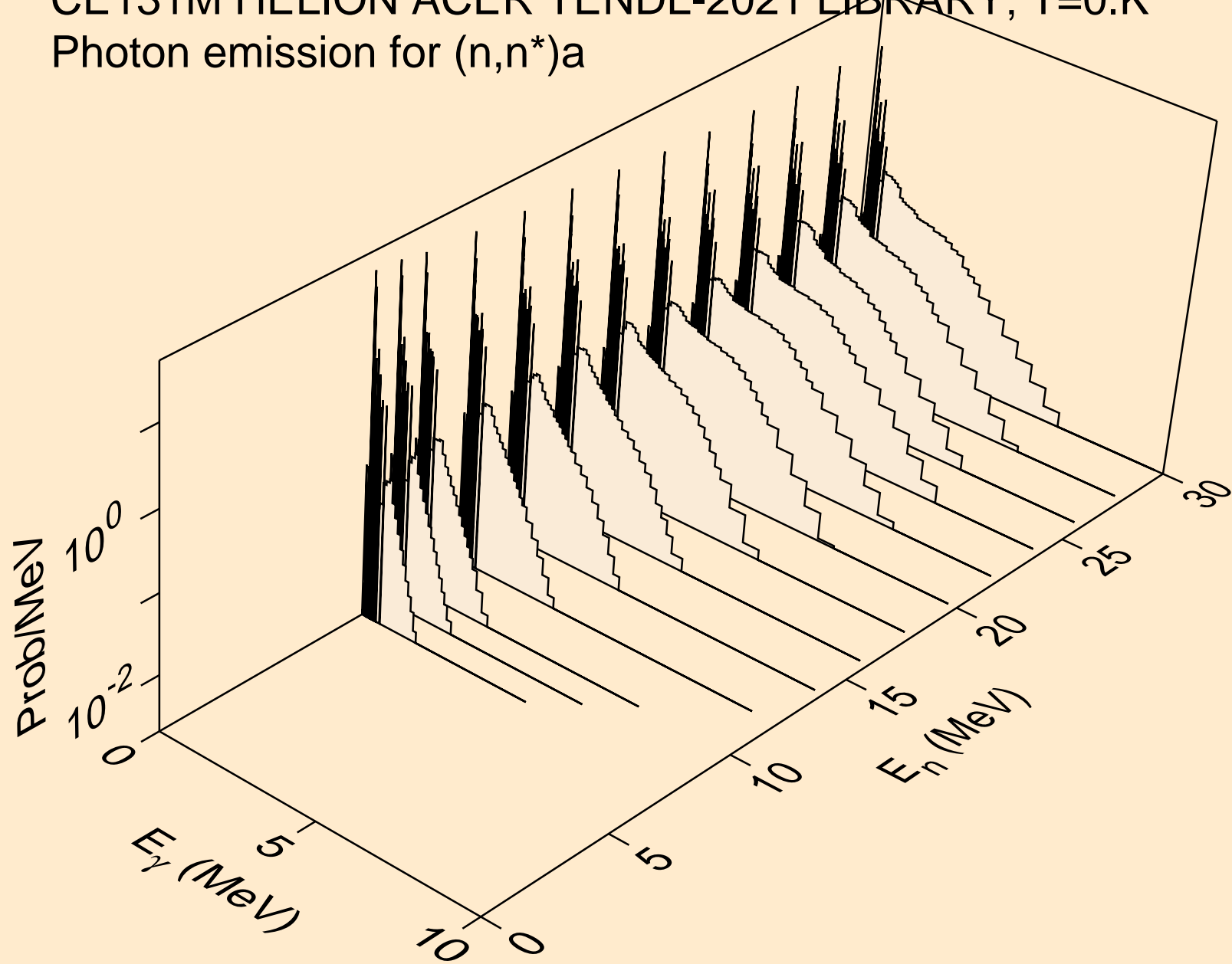
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



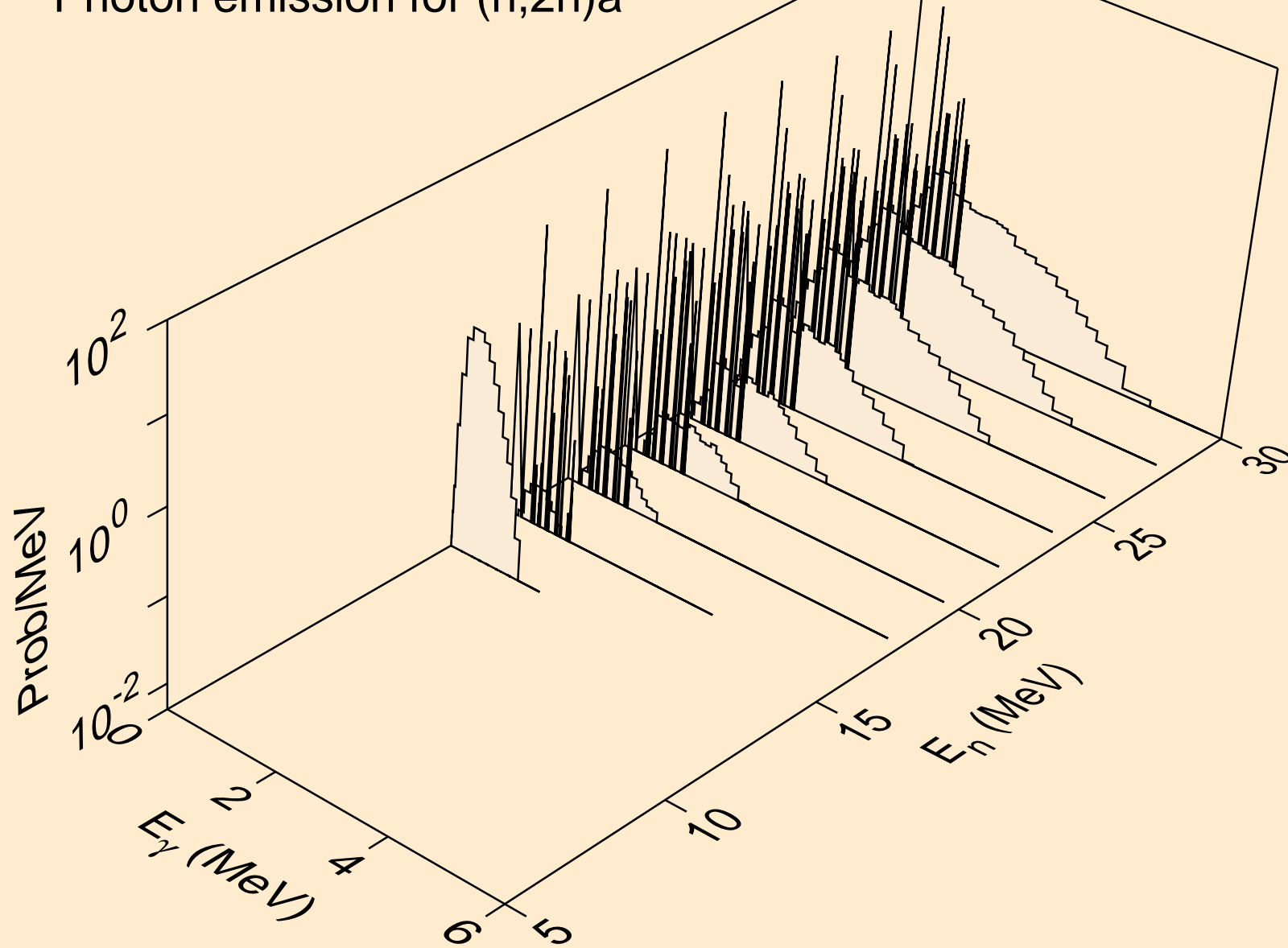
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



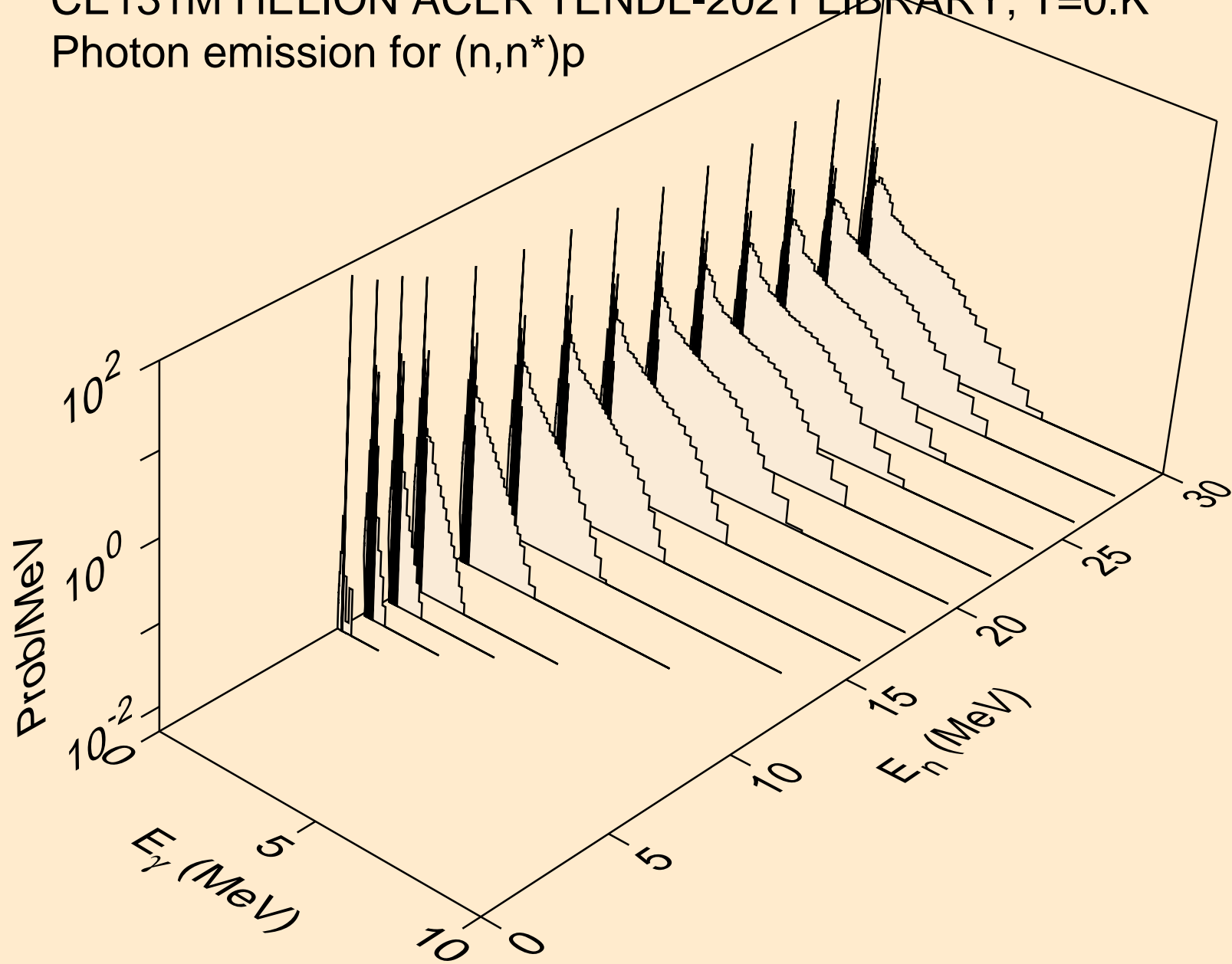
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

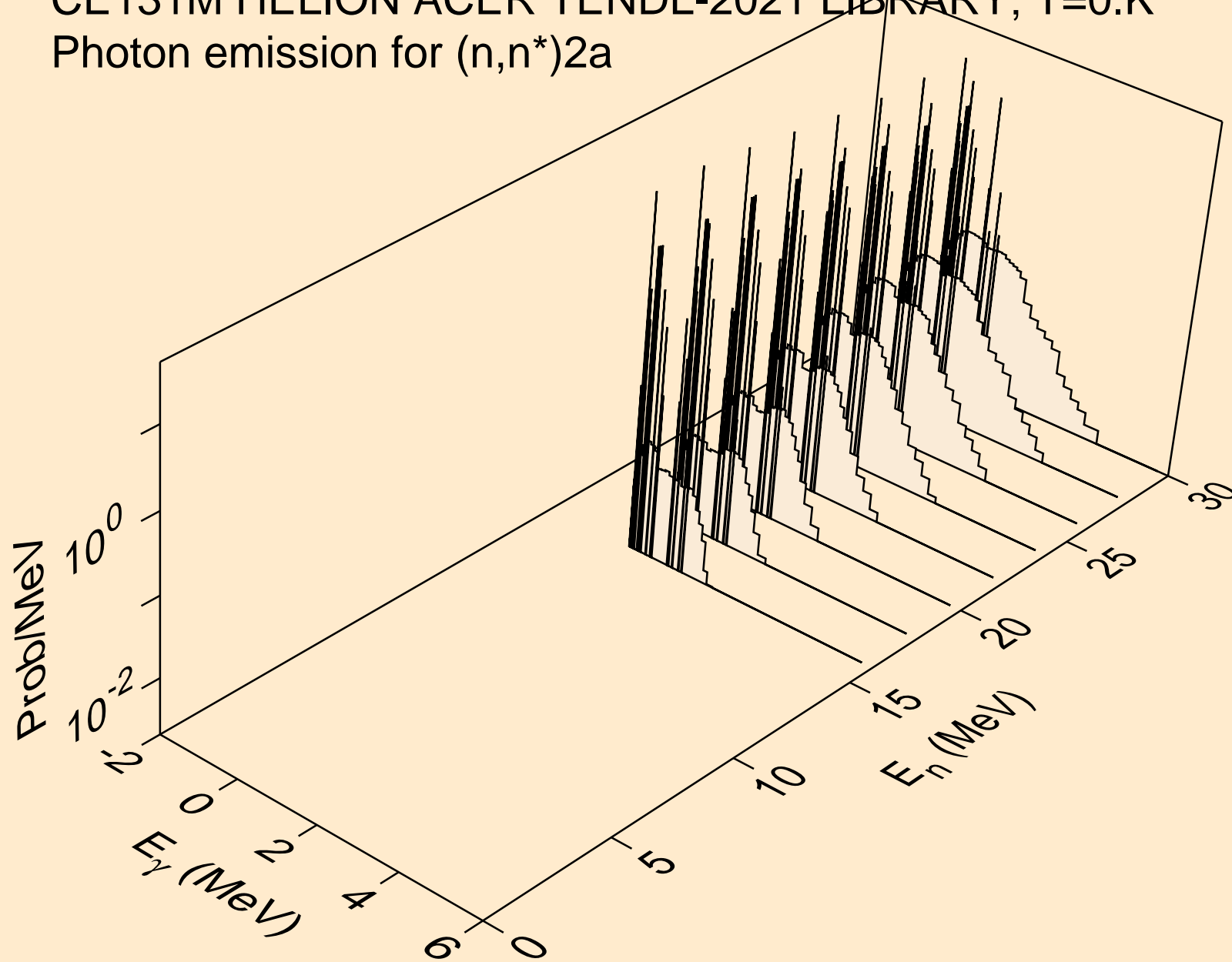


CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

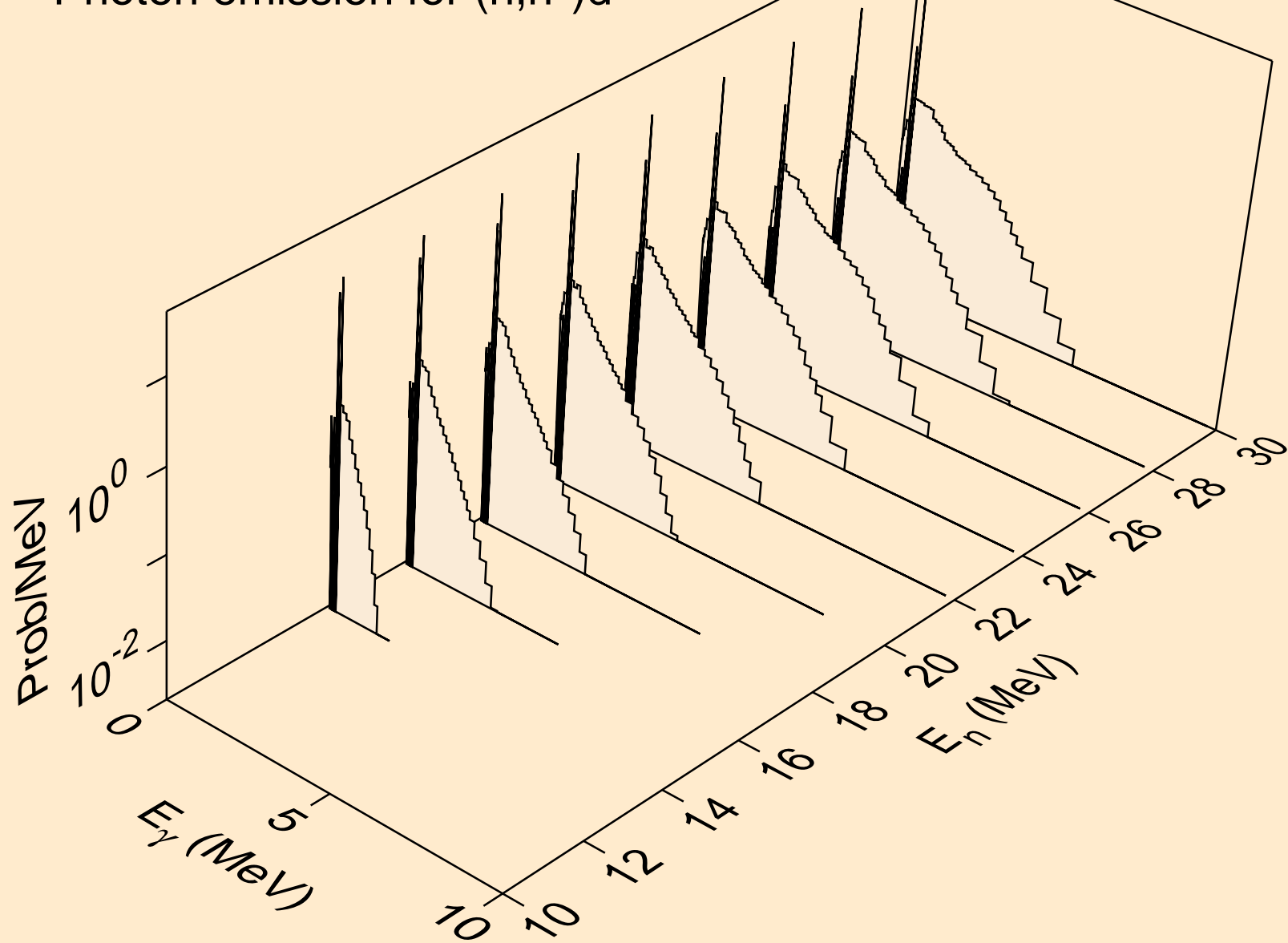




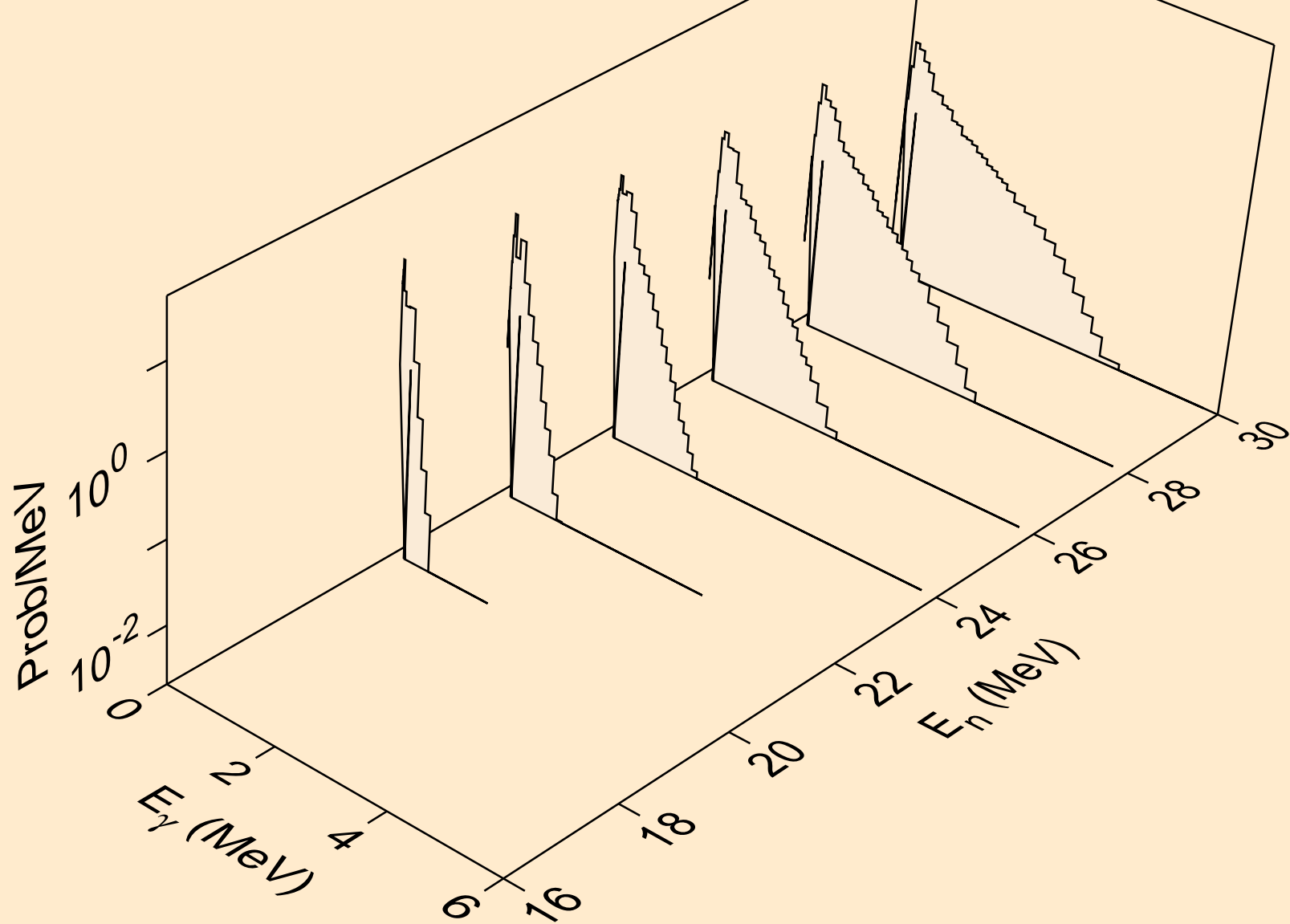
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



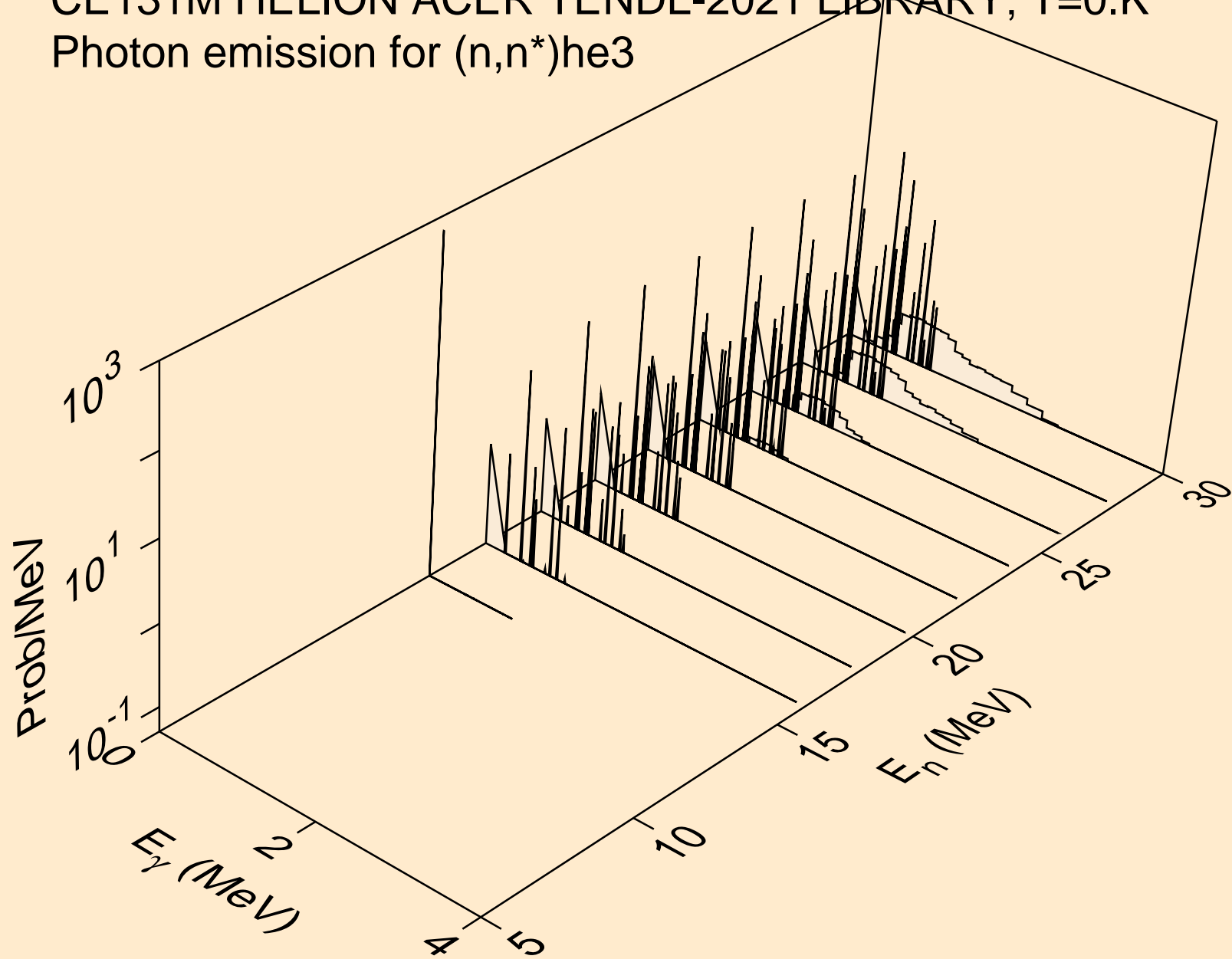
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



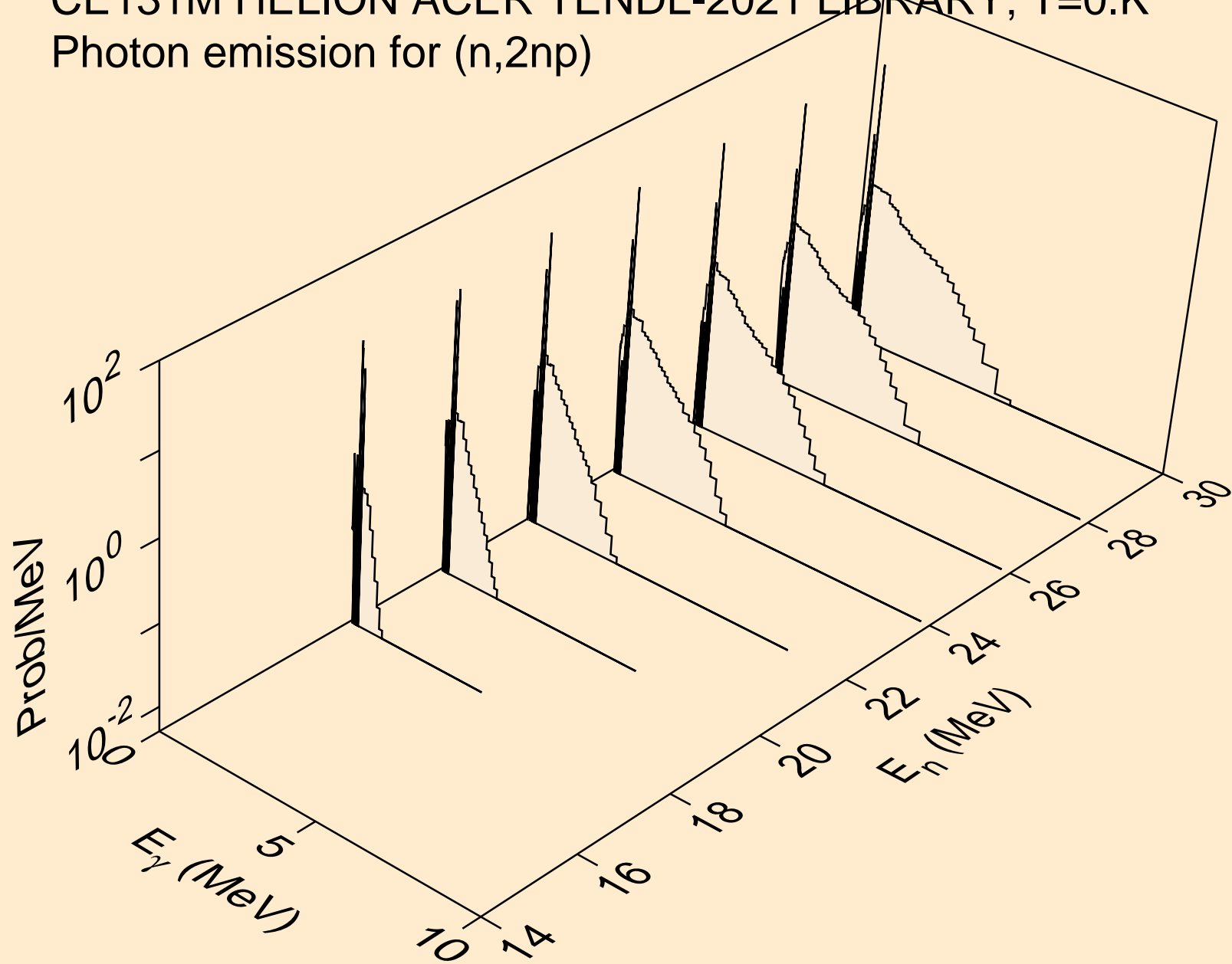
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



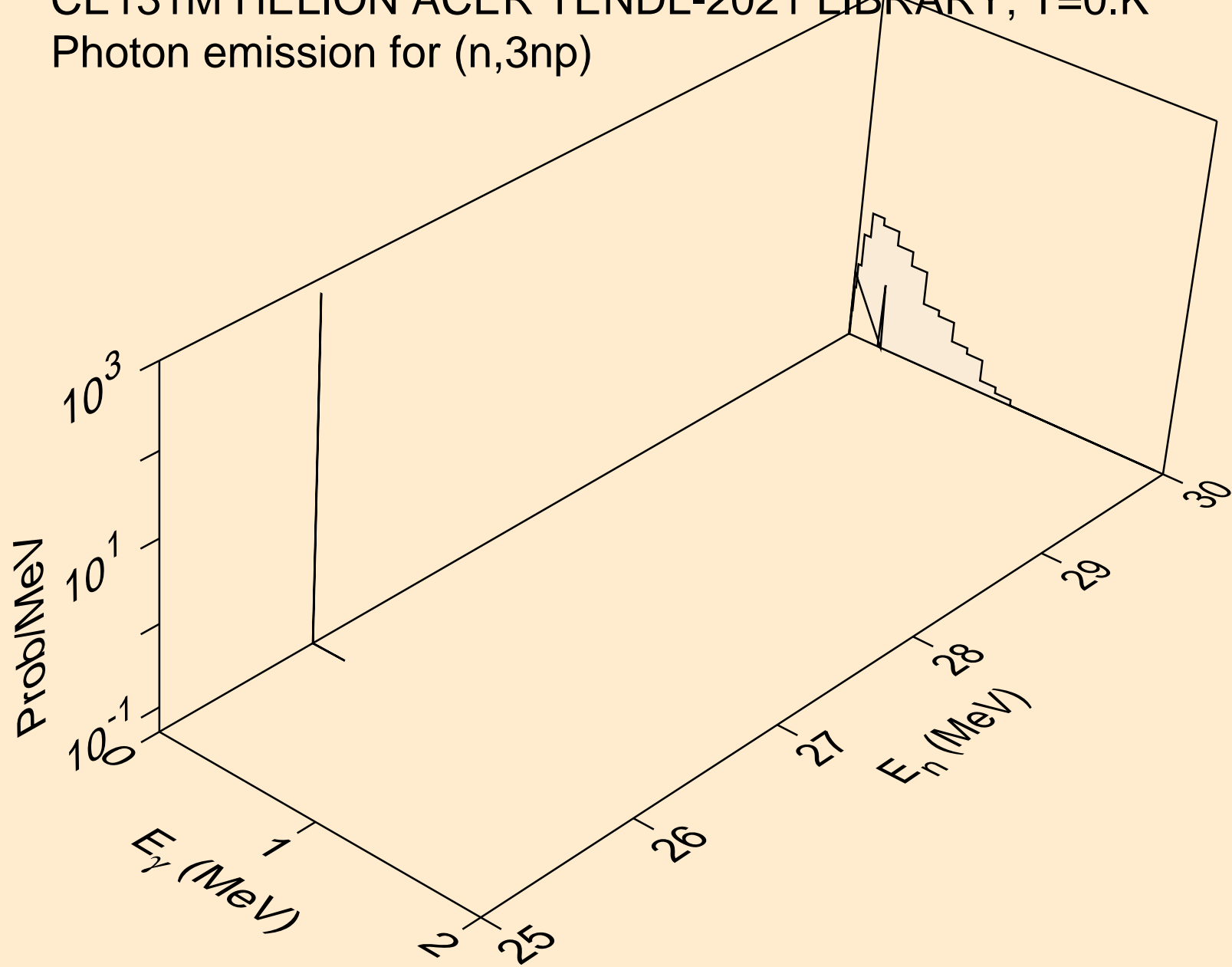
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



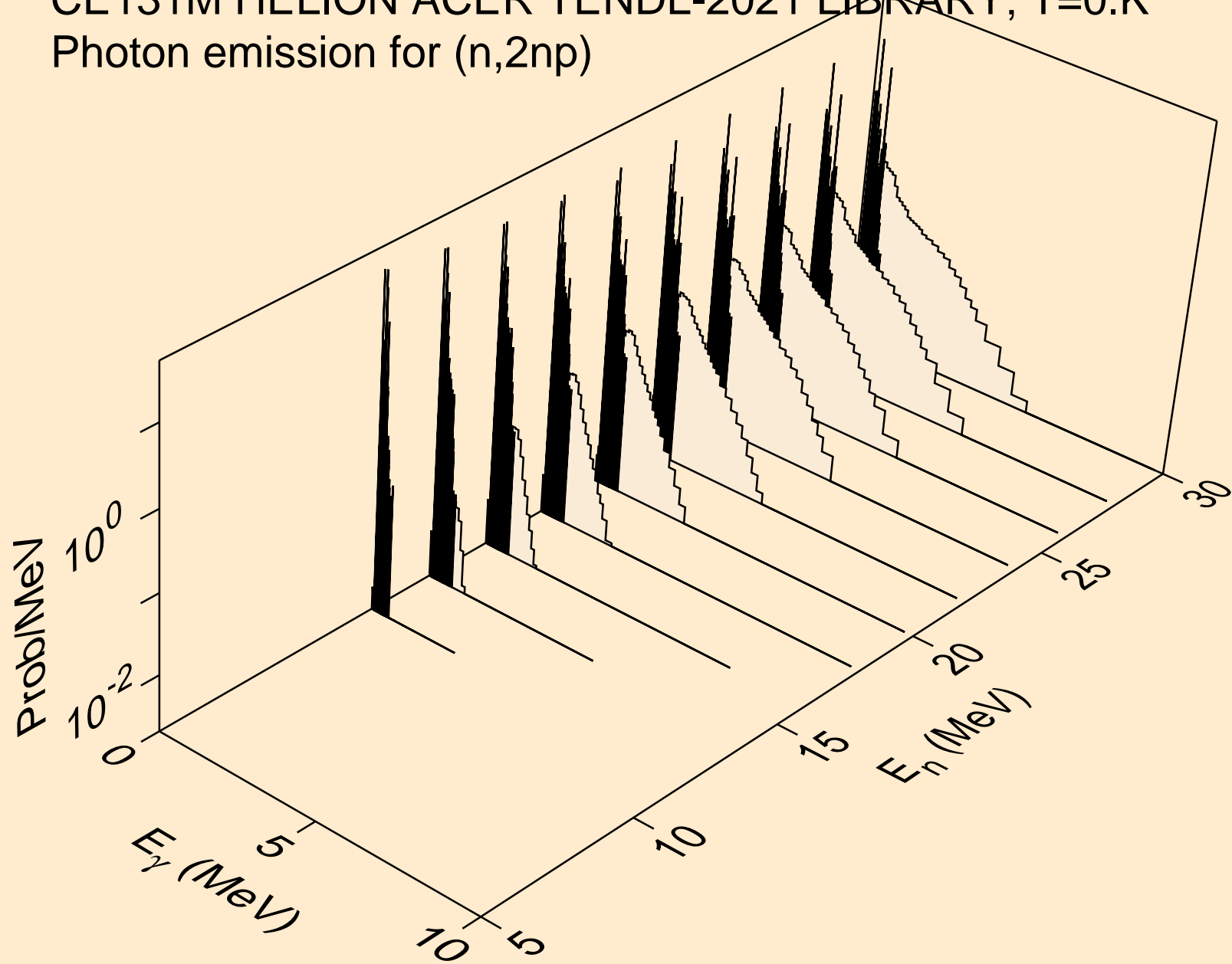
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



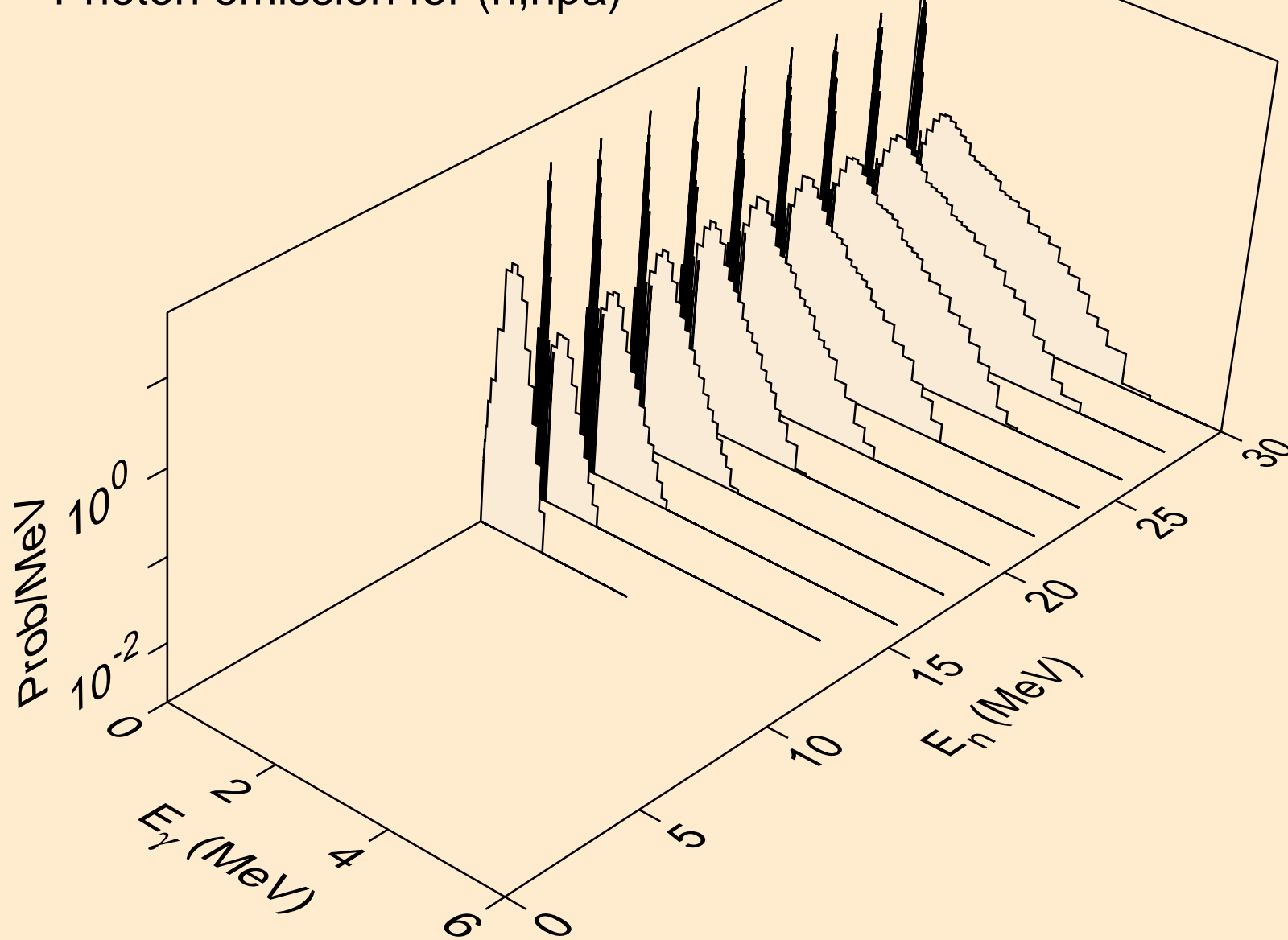
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

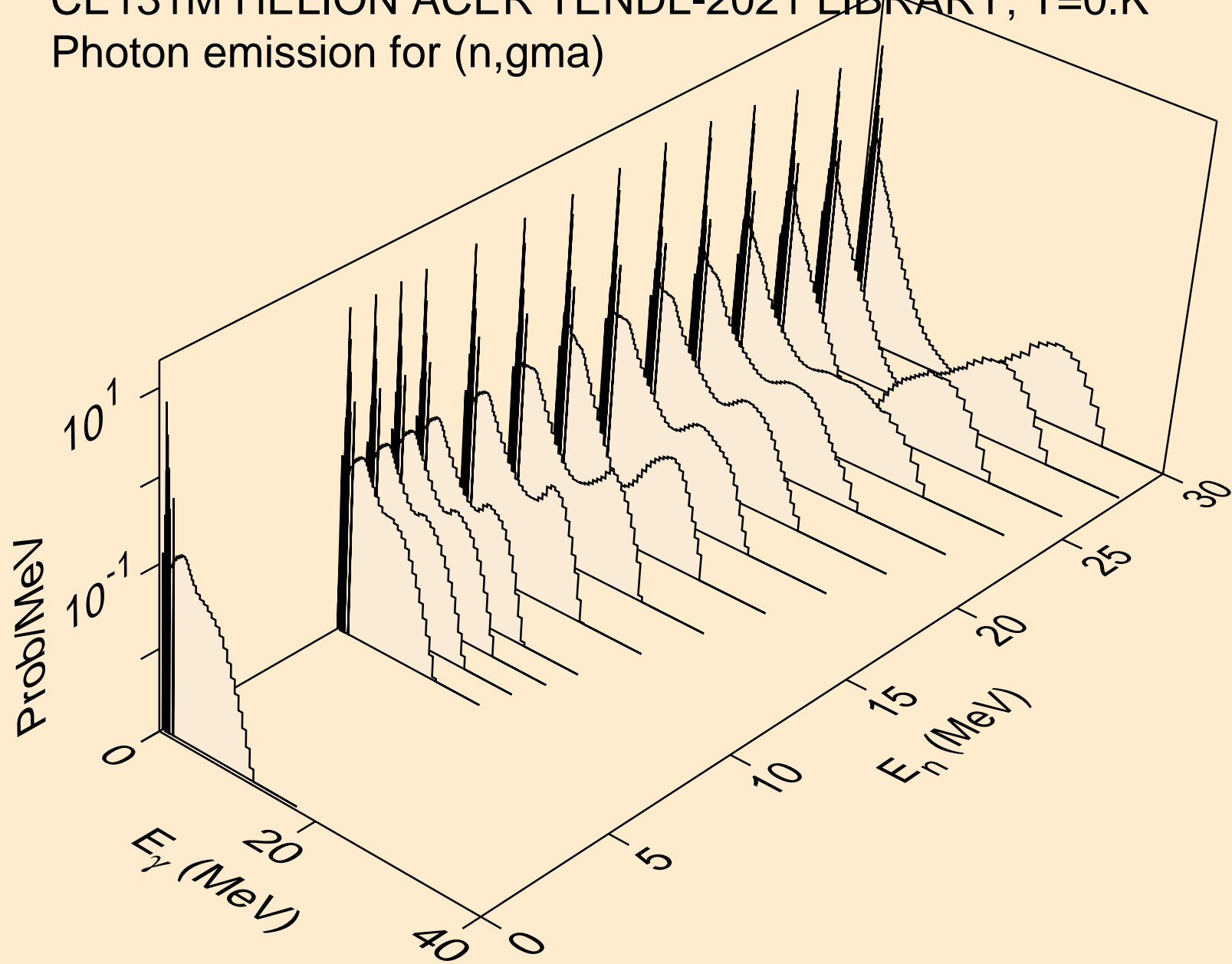


CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

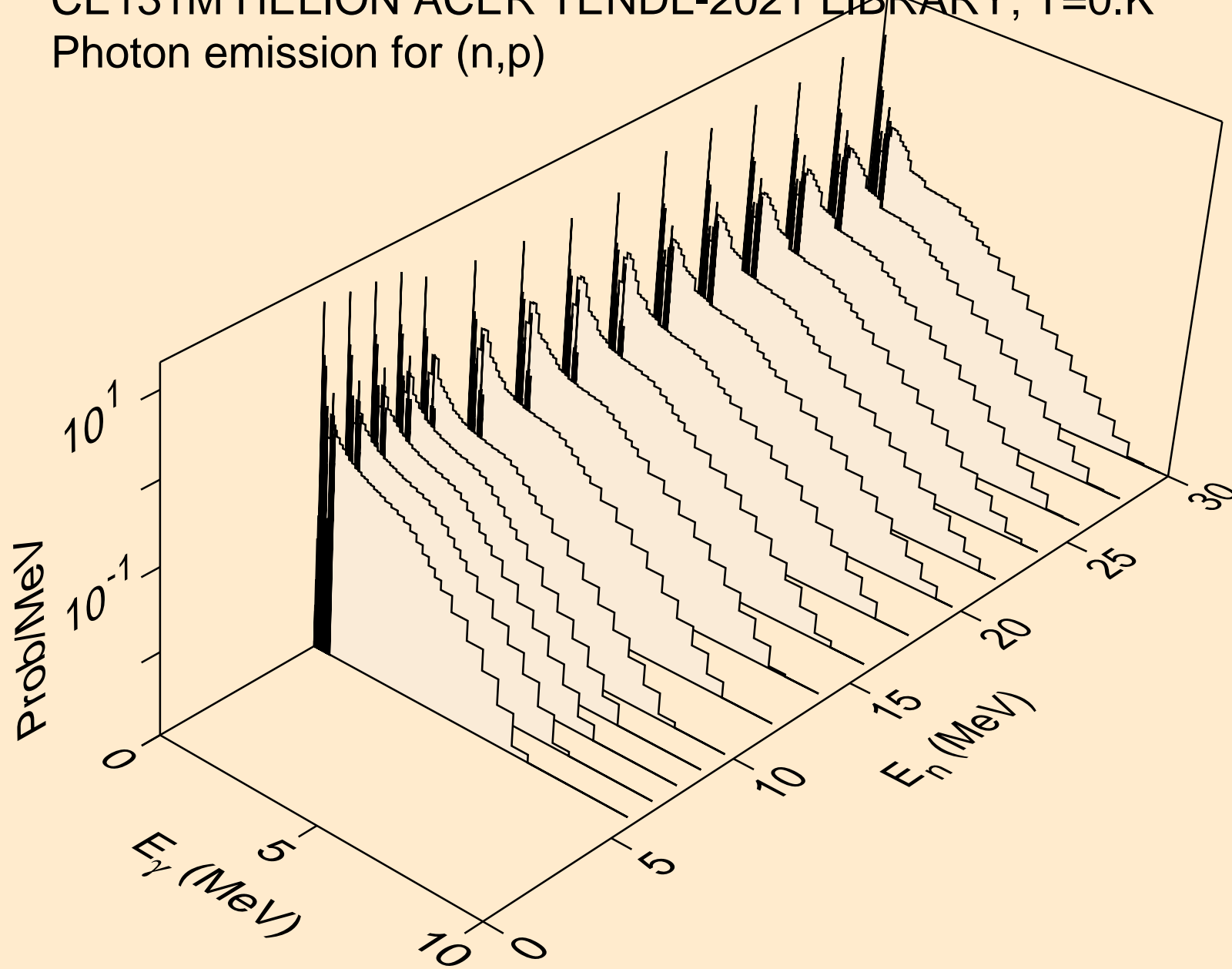




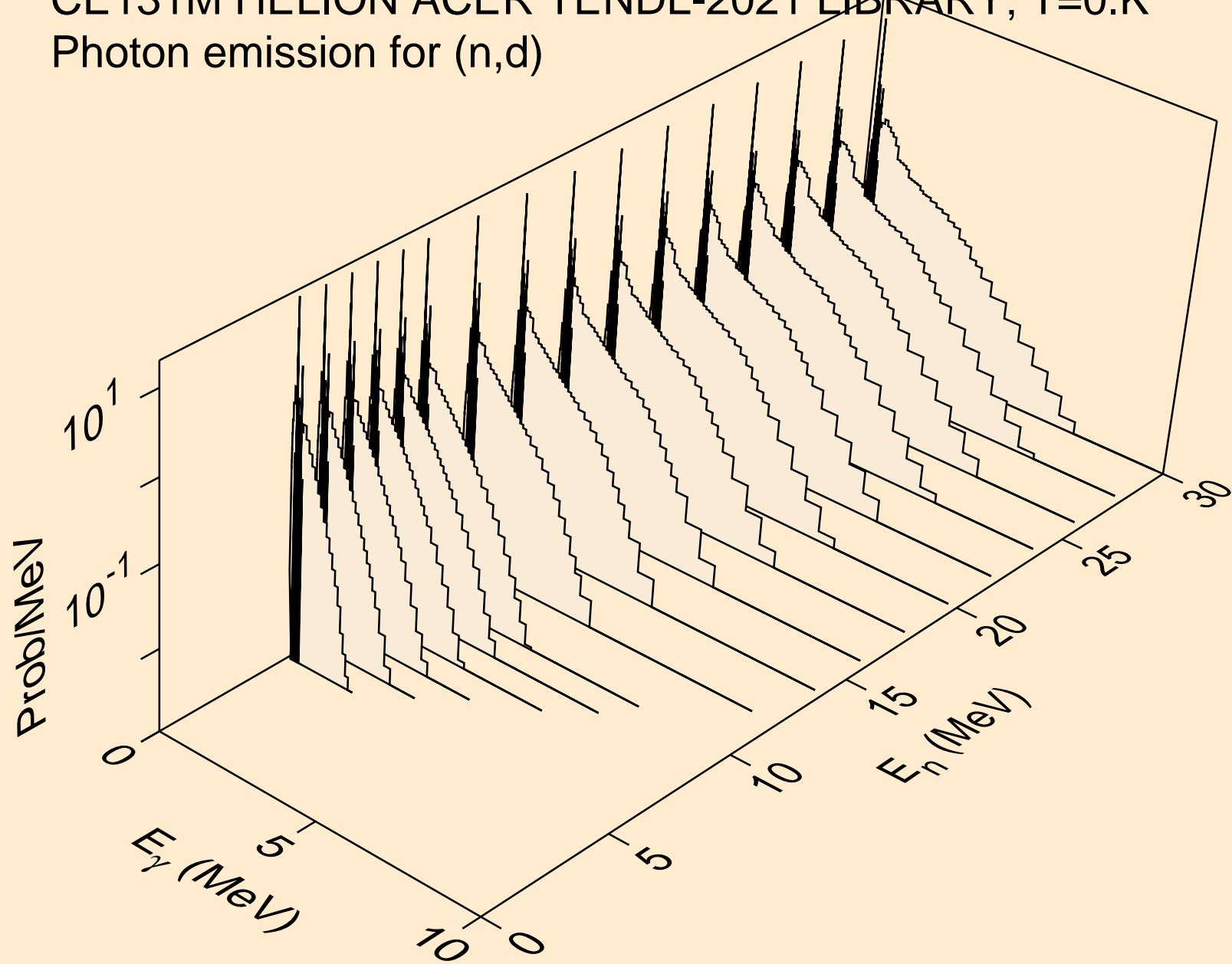
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Photon emission for (n,gma)



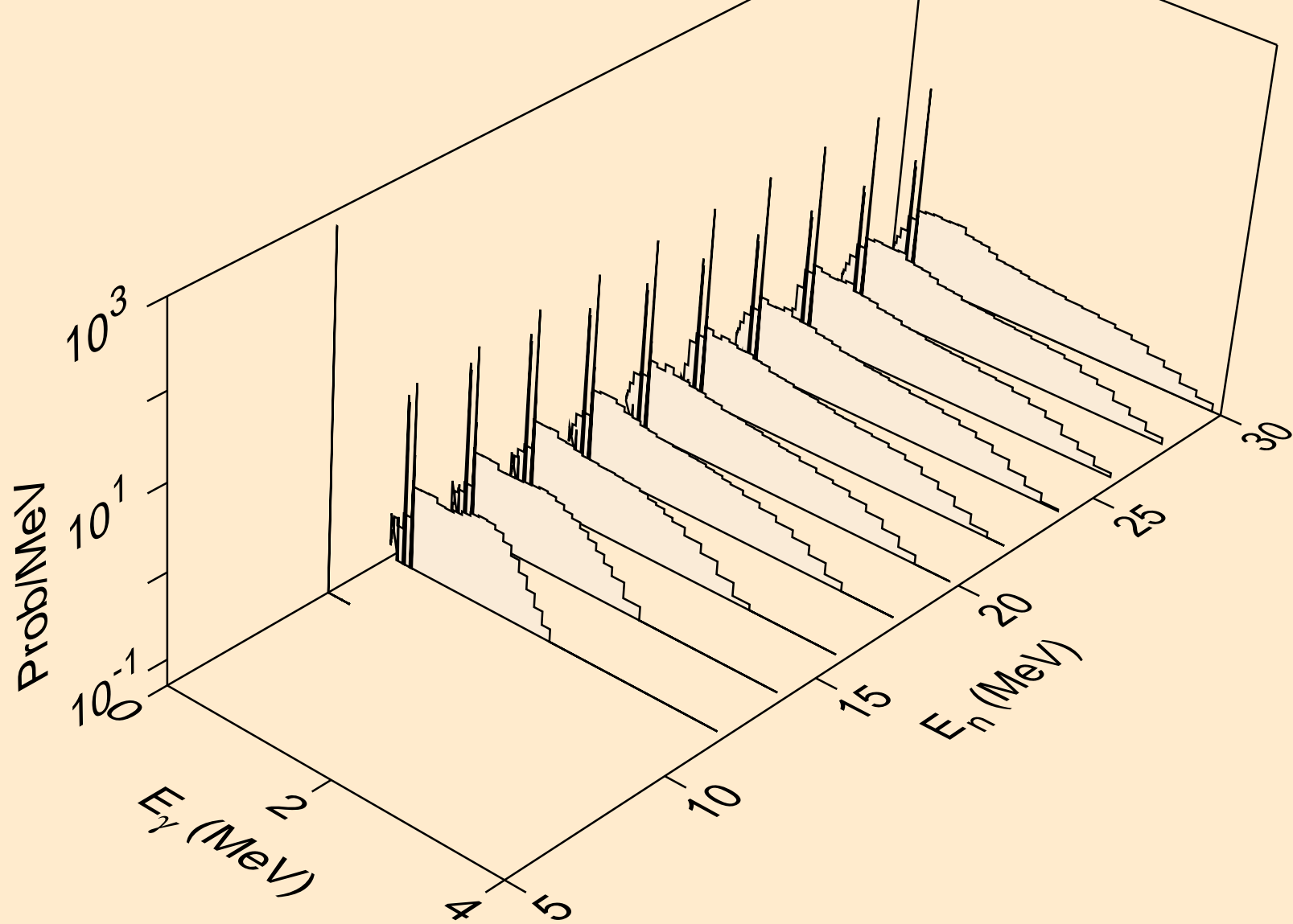
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Photon emission for (n,p)



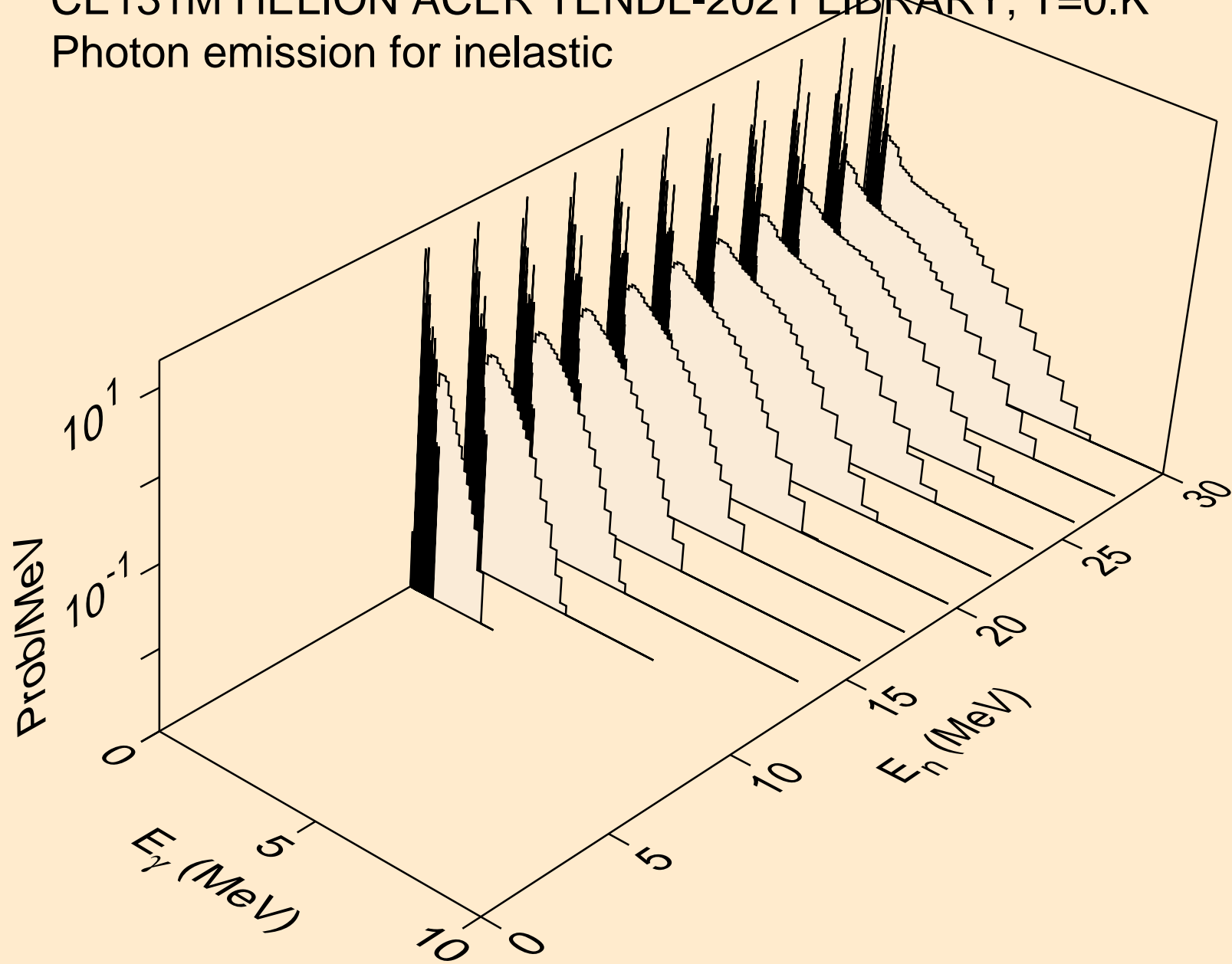
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



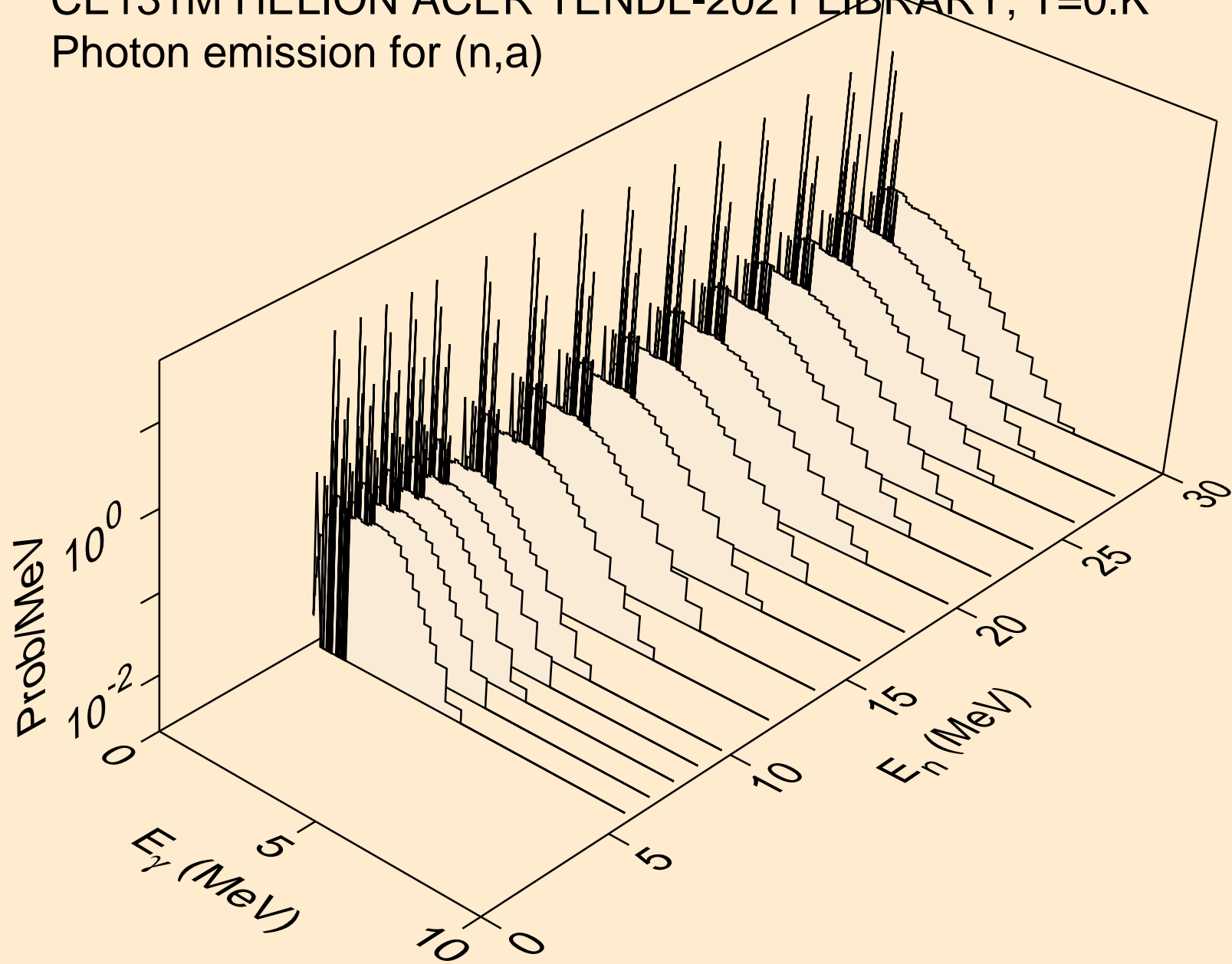
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Photon emission for (n,t)



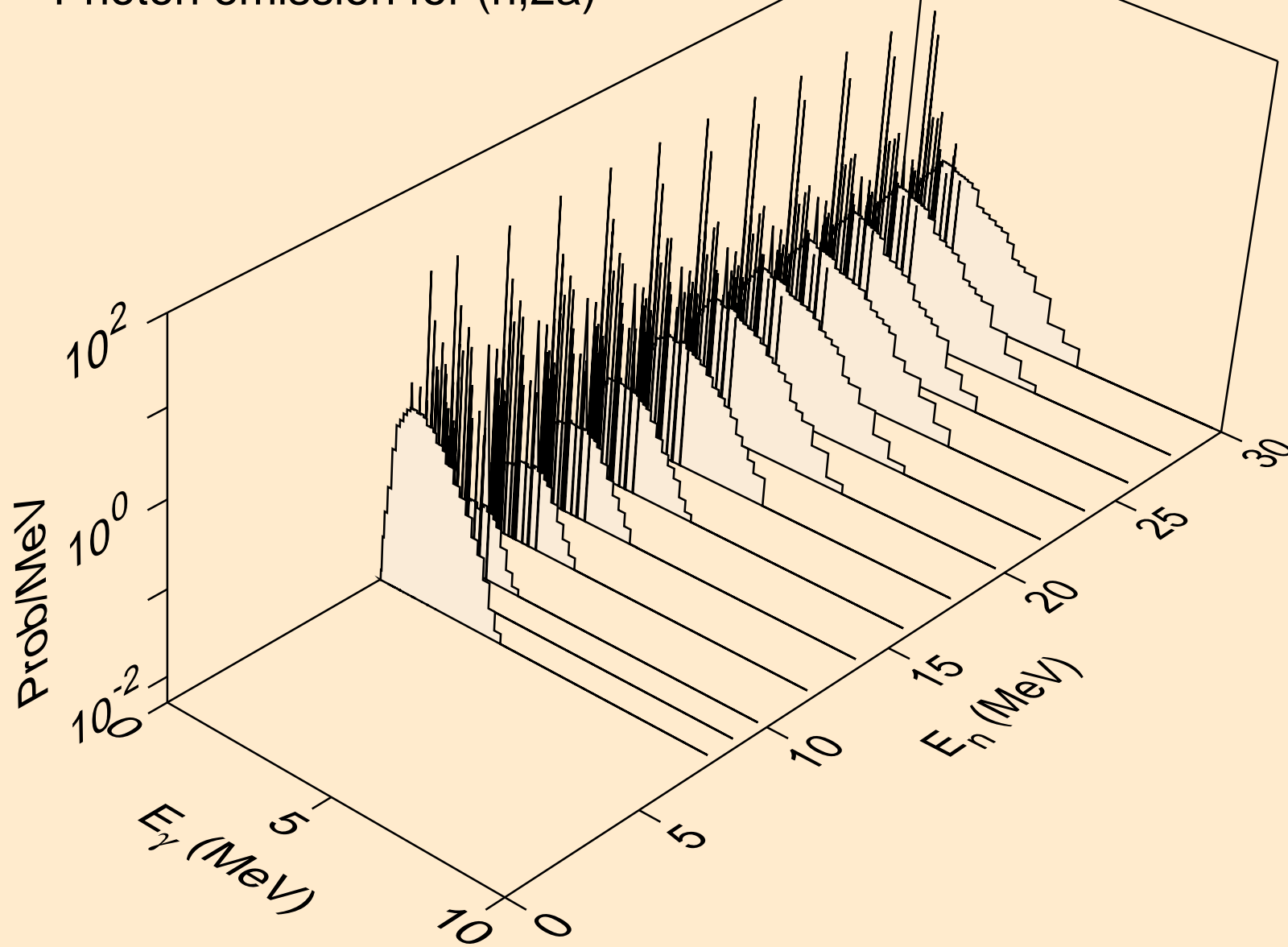
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



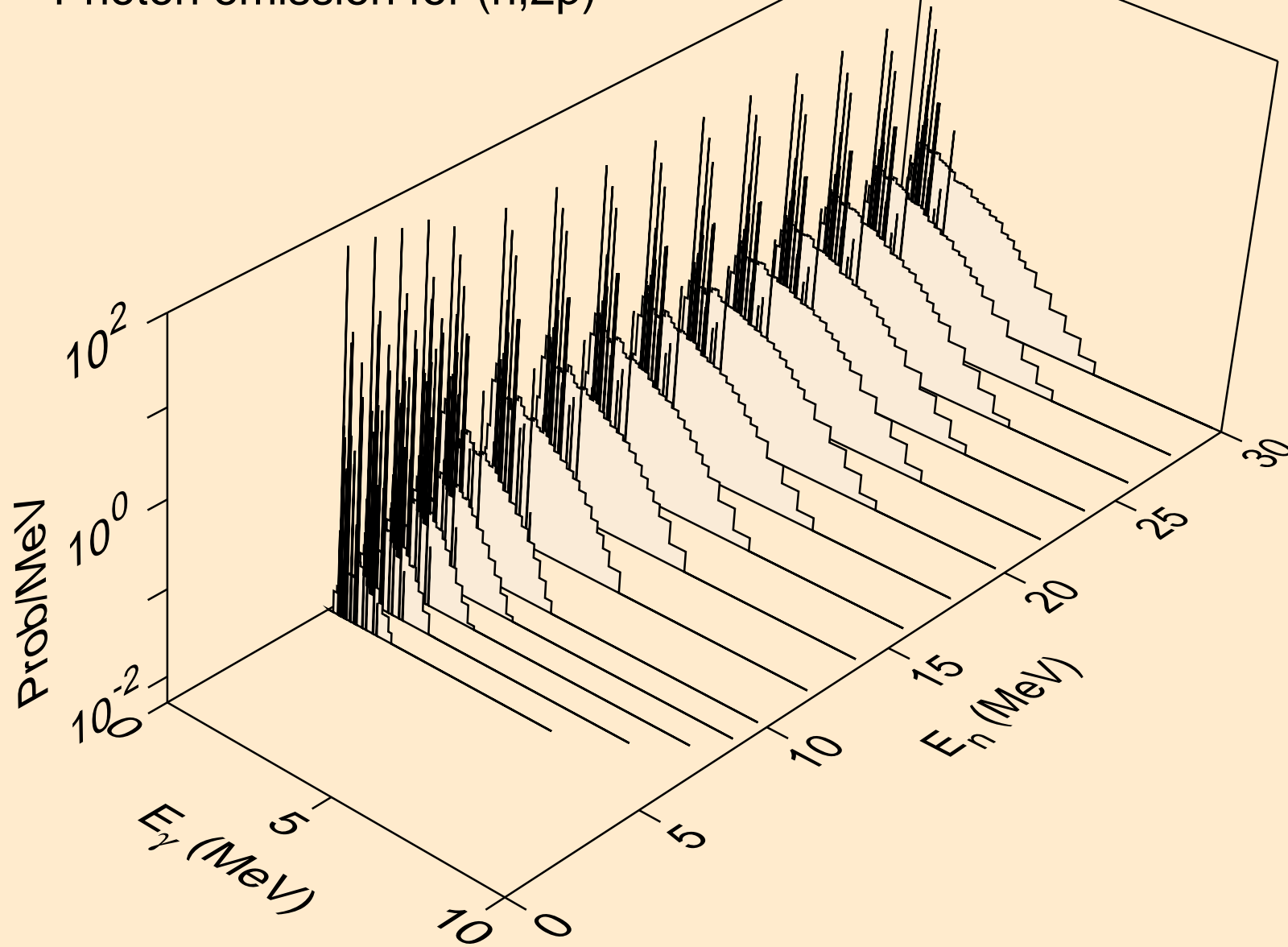
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

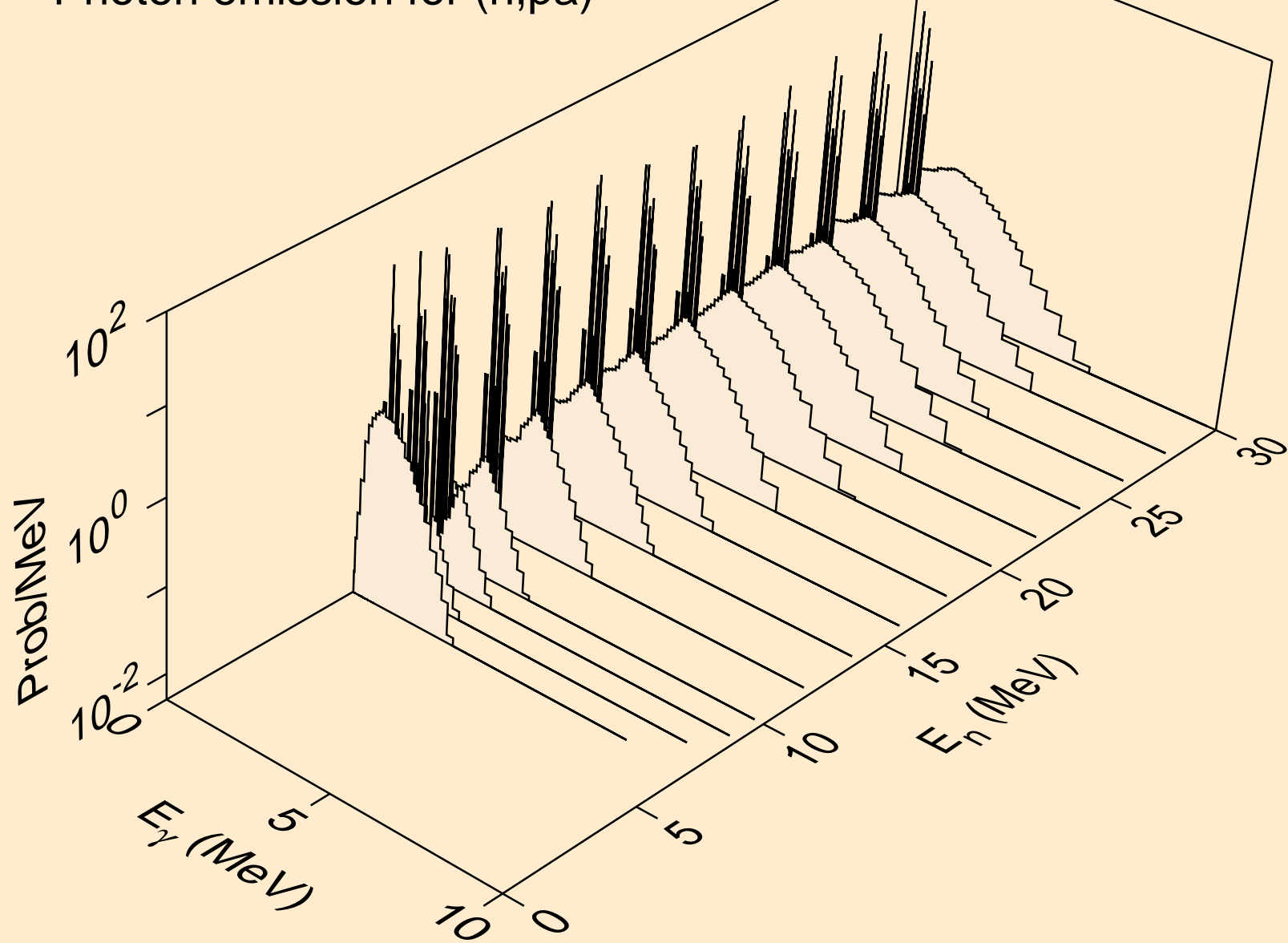


CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

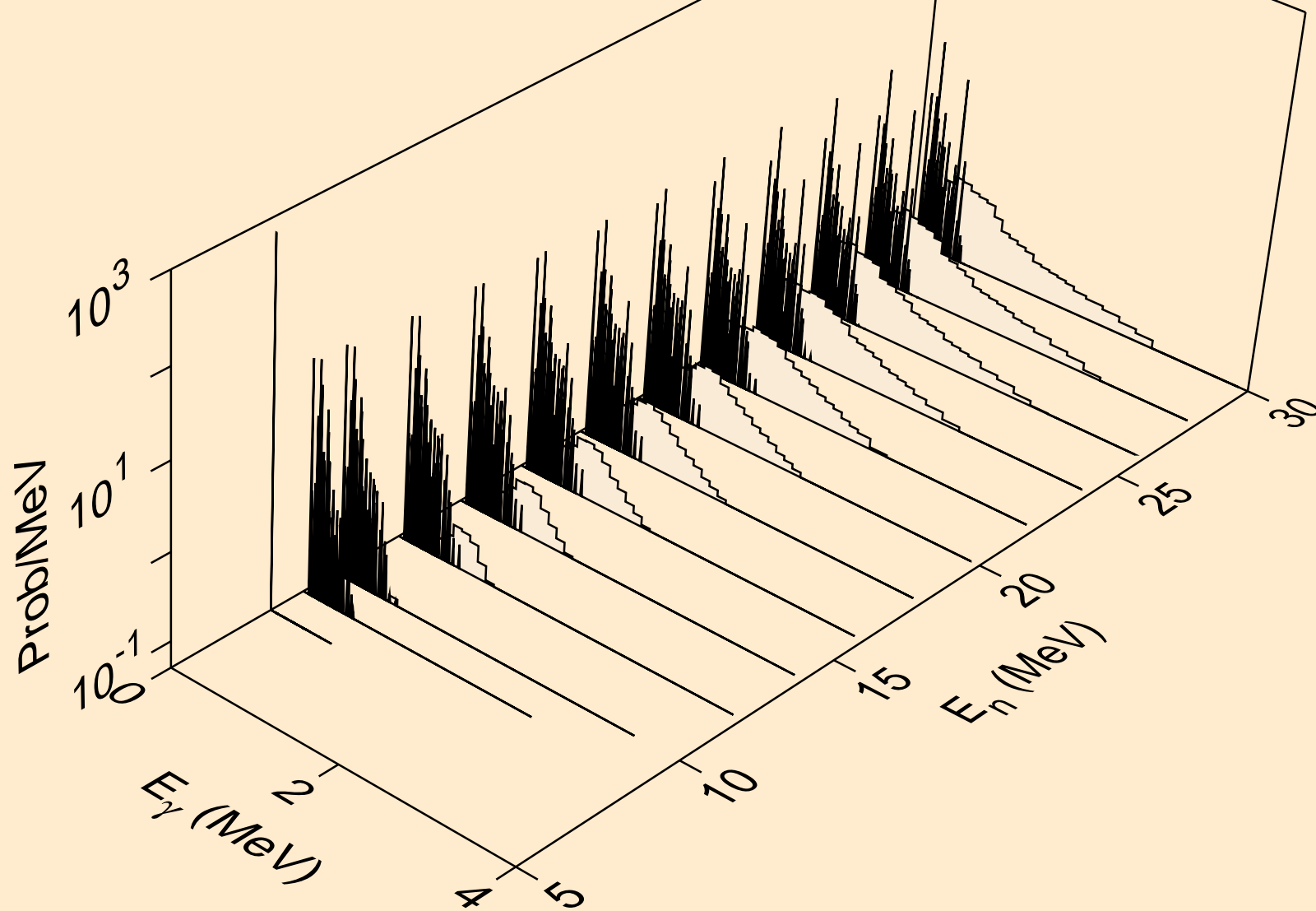




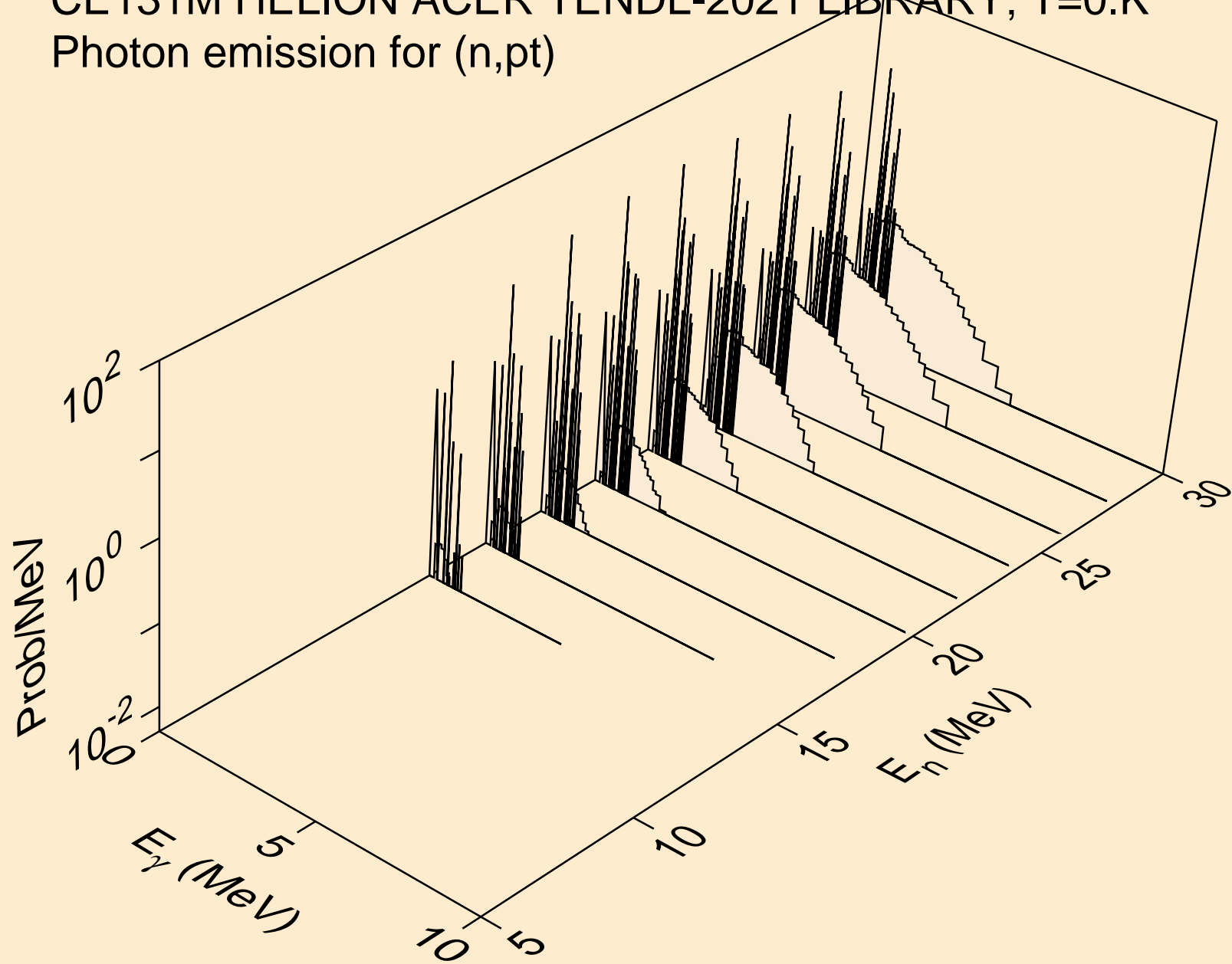
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Photon emission for (n,pa)



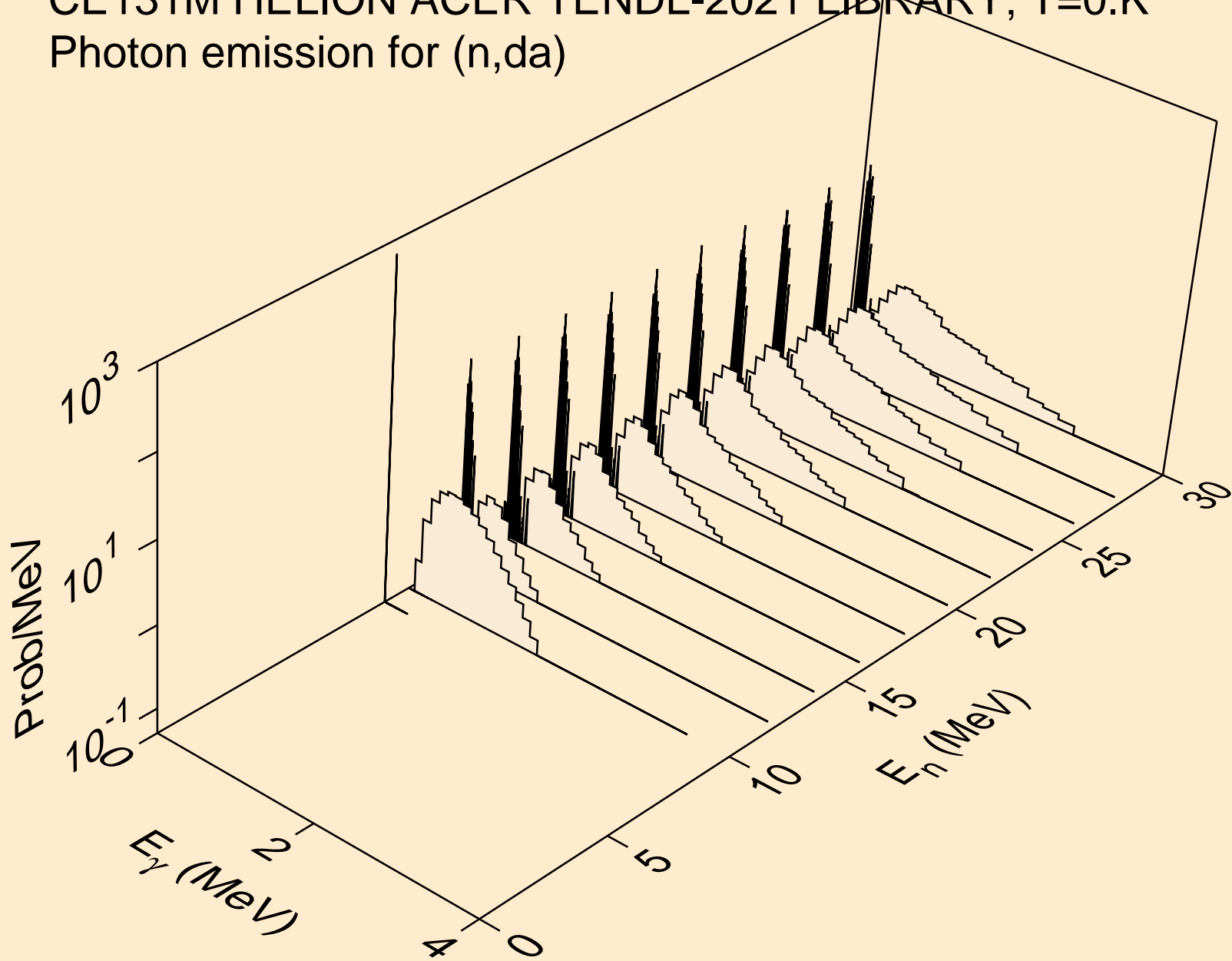
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

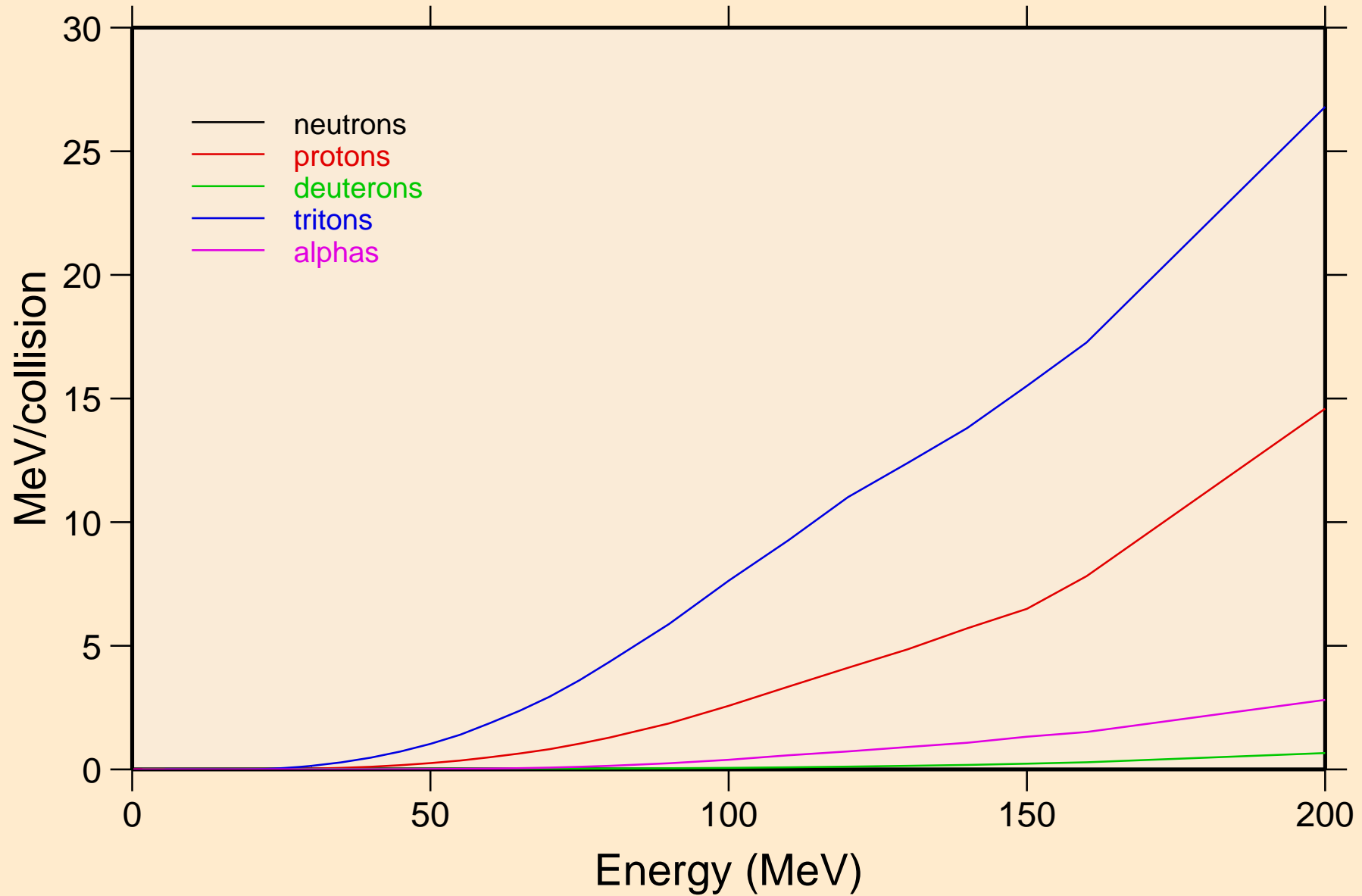


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Photon emission for (n,da)

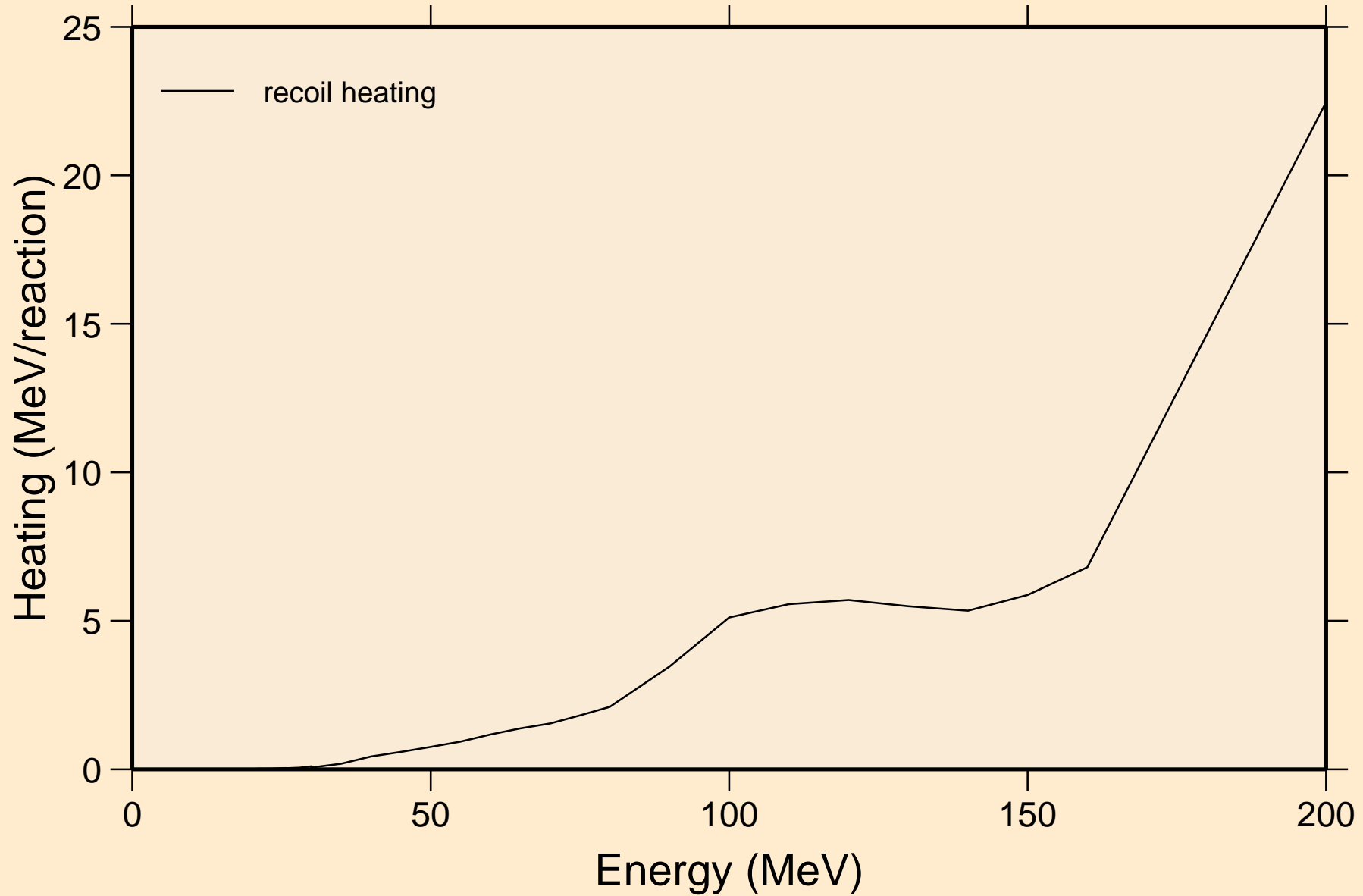


# CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K

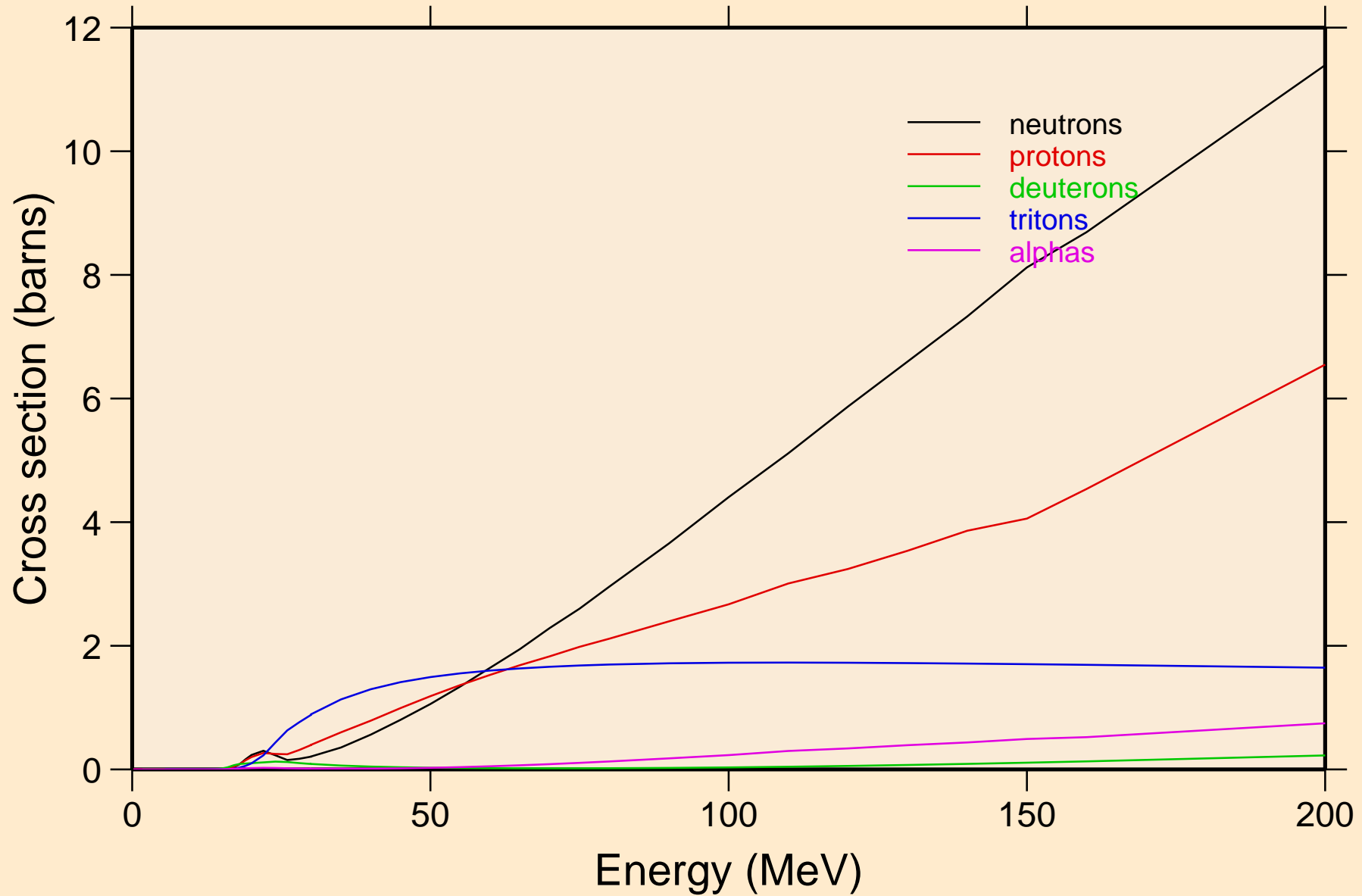
## Particle heating contributions



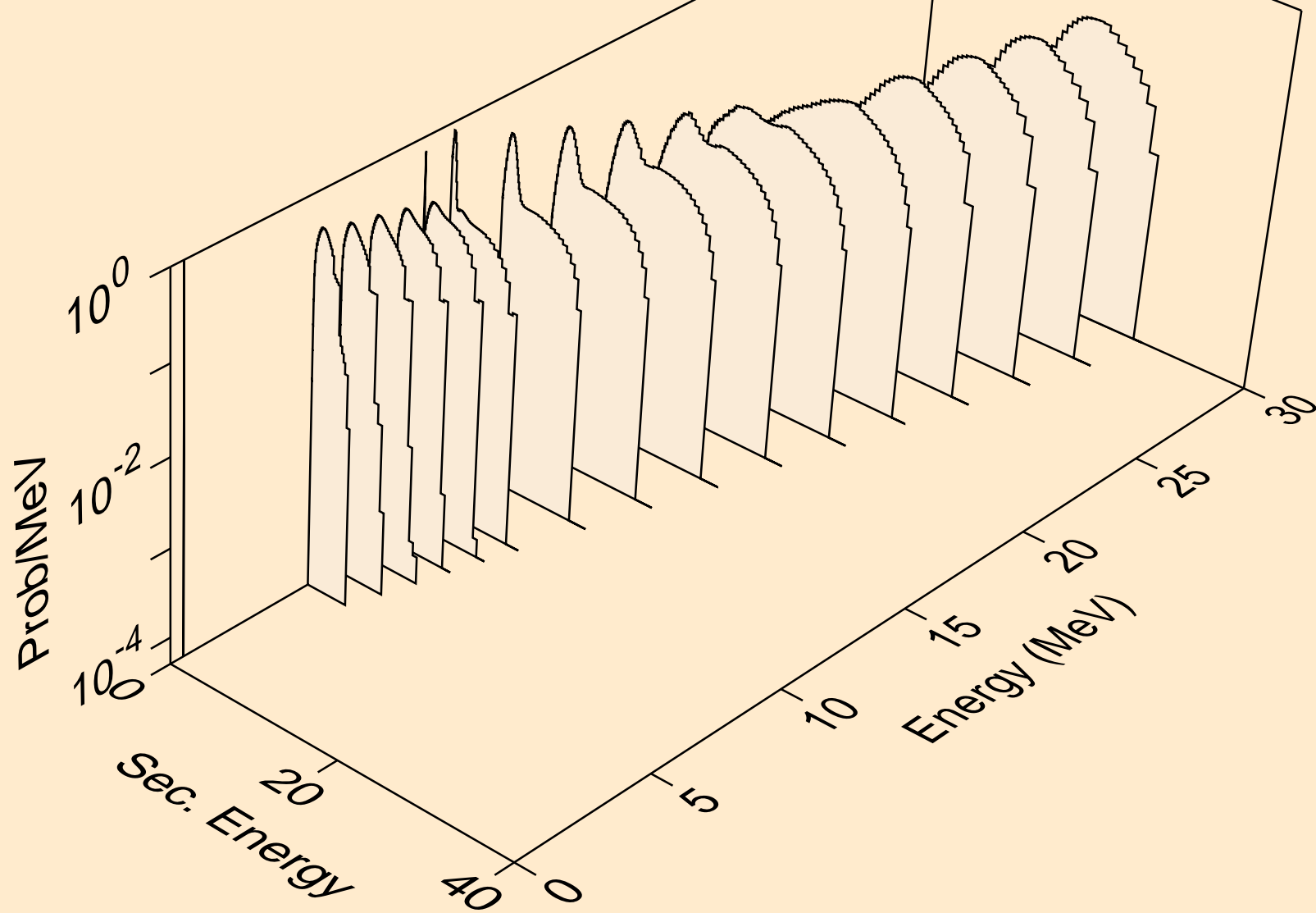
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

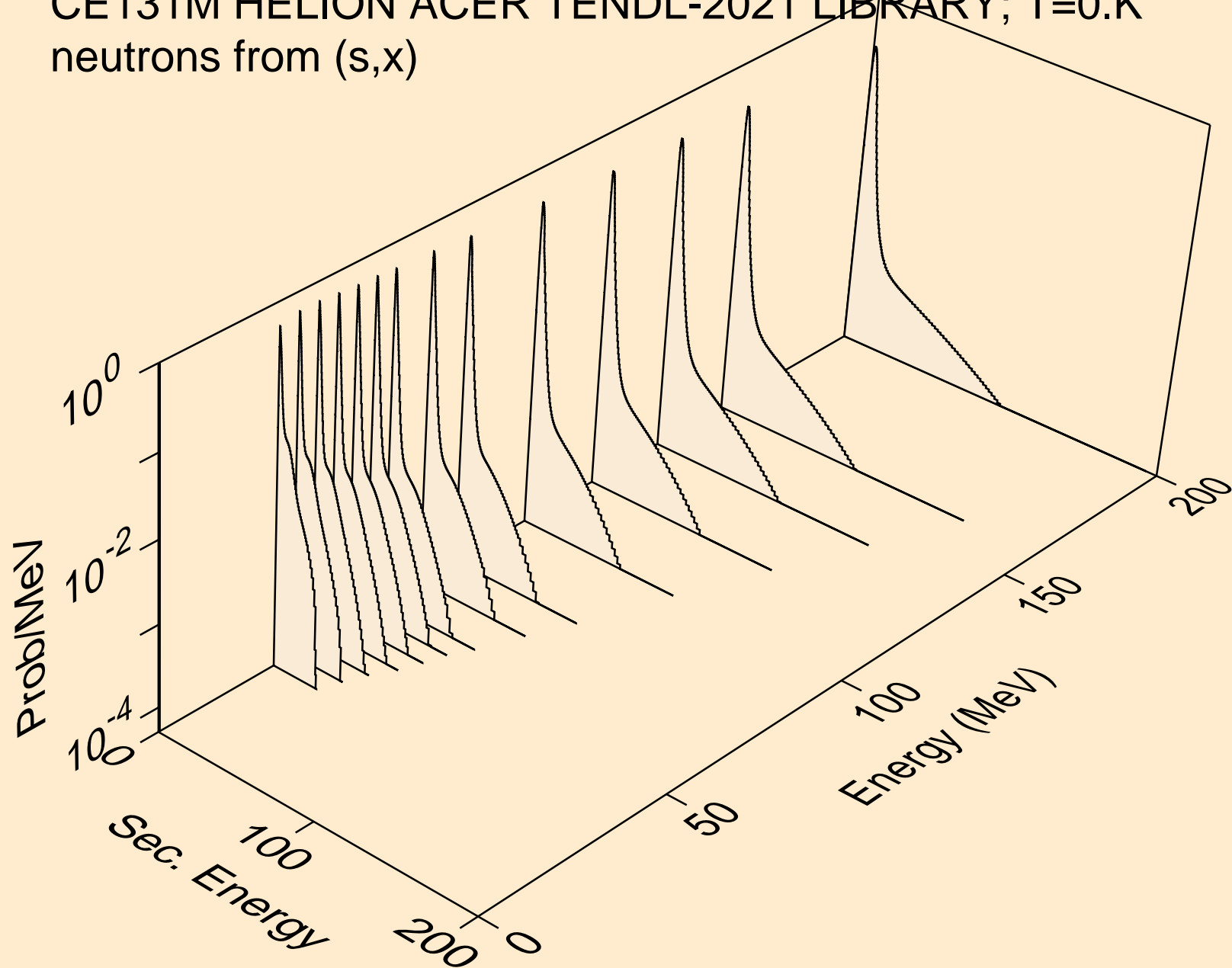


CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

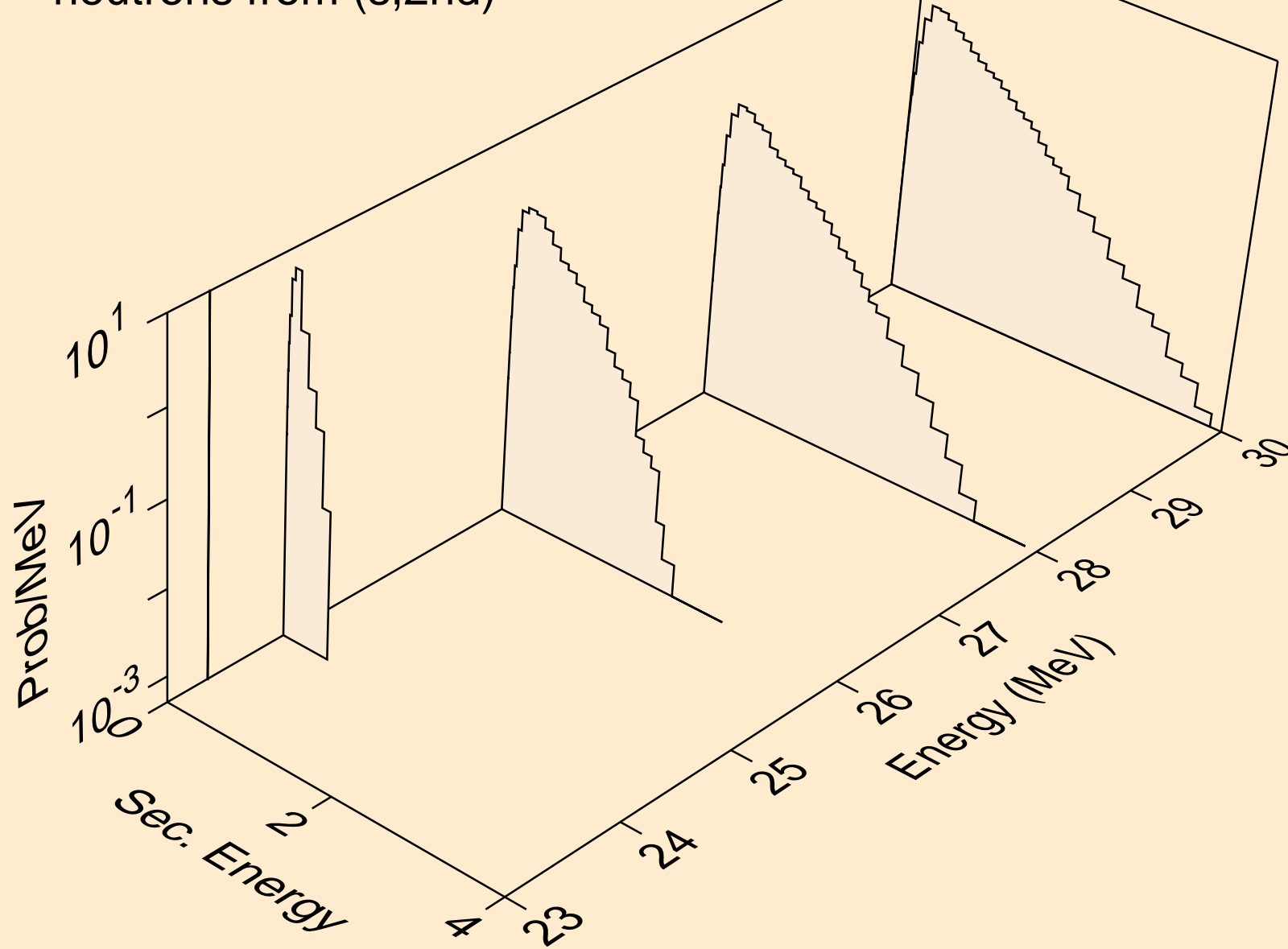




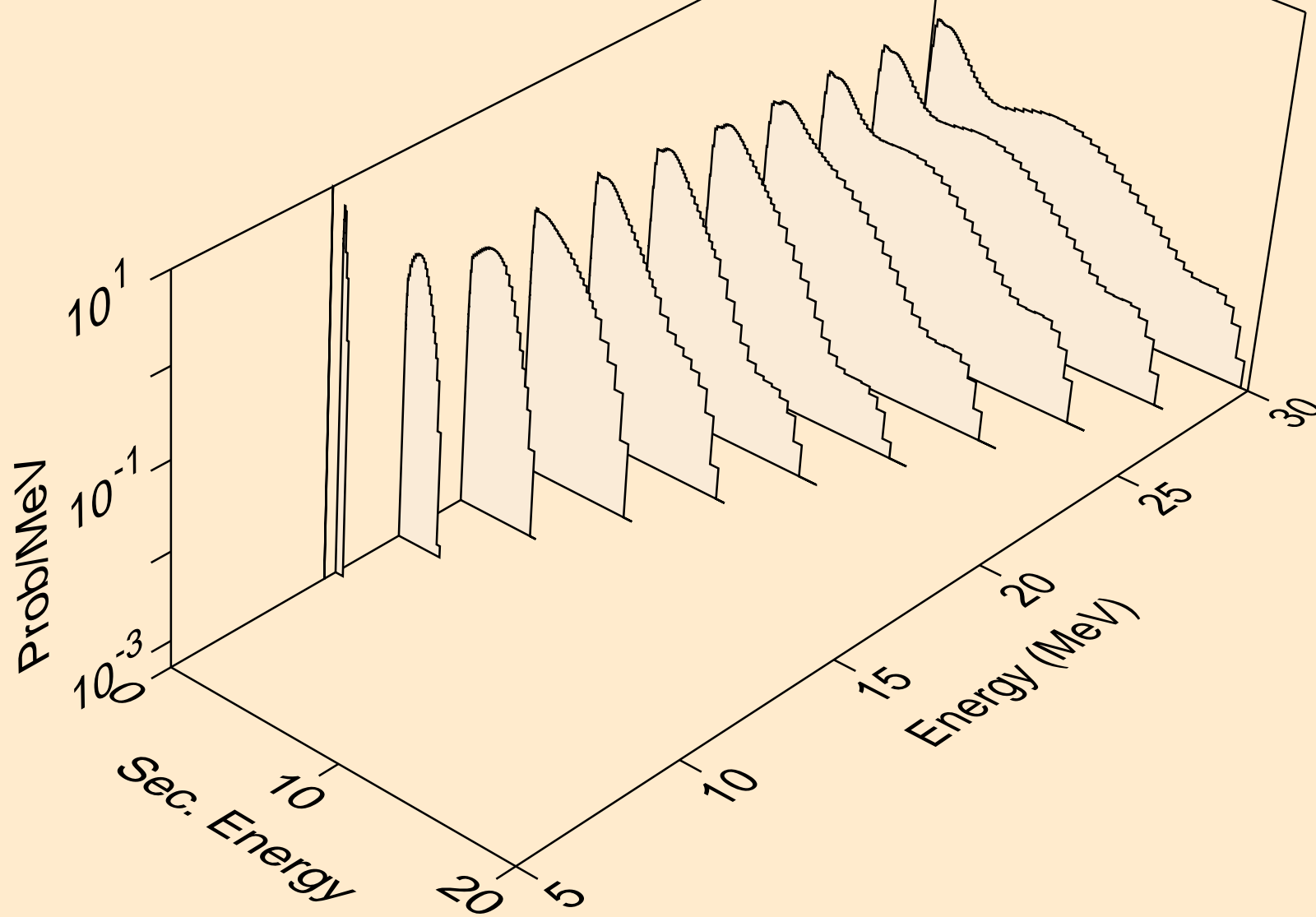
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



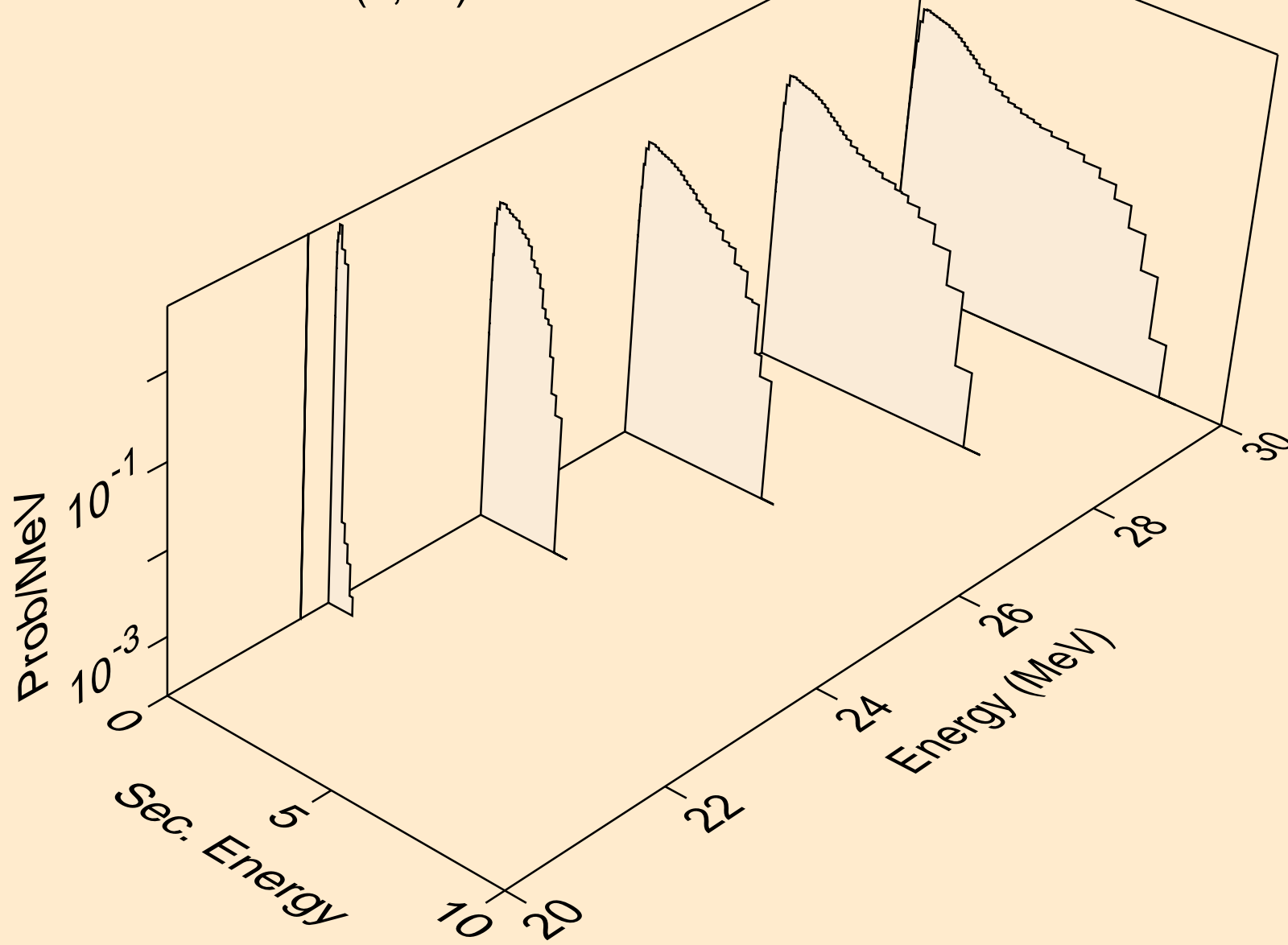
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neutrons from (s,2nd)



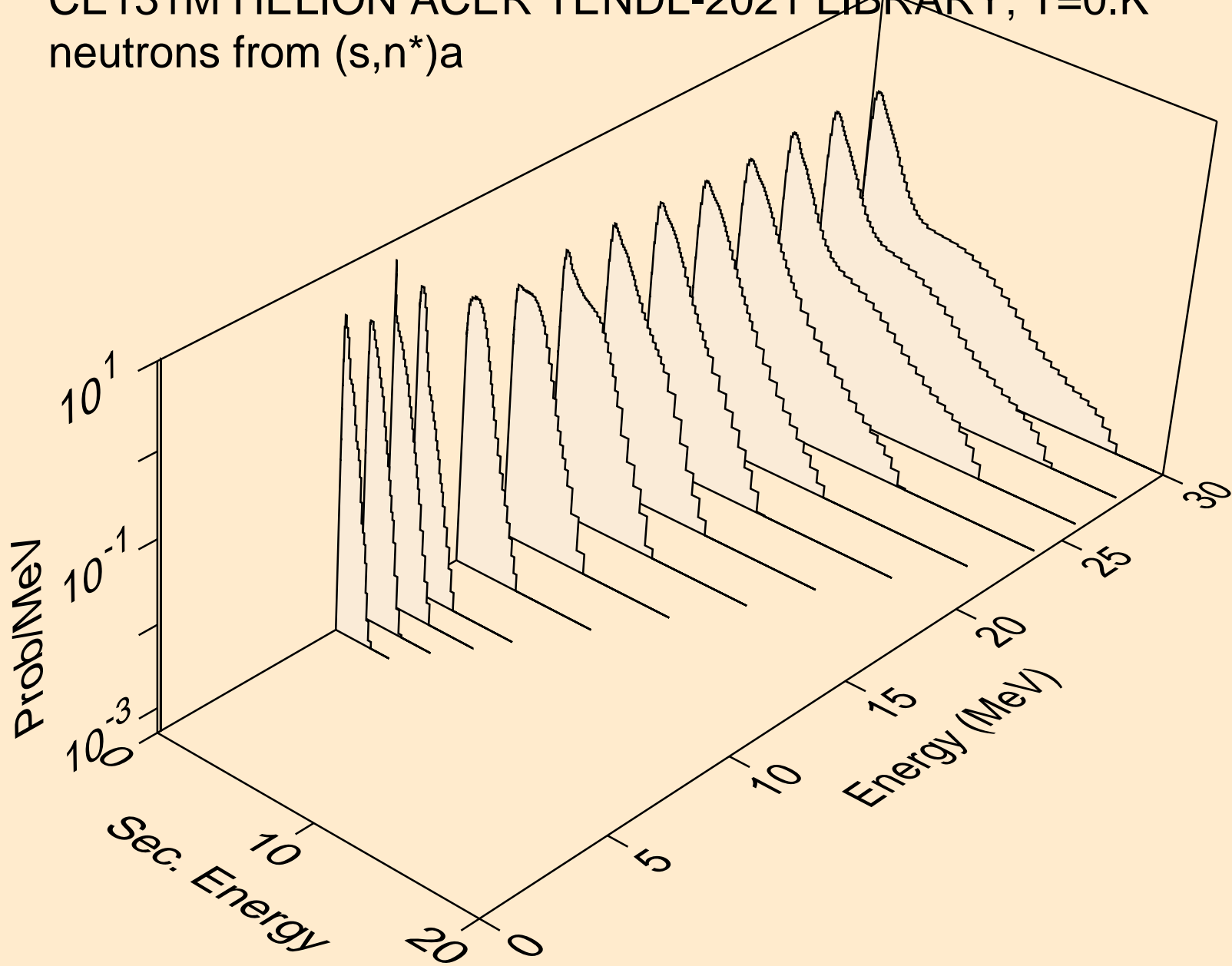
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neutrons from (s,2n)



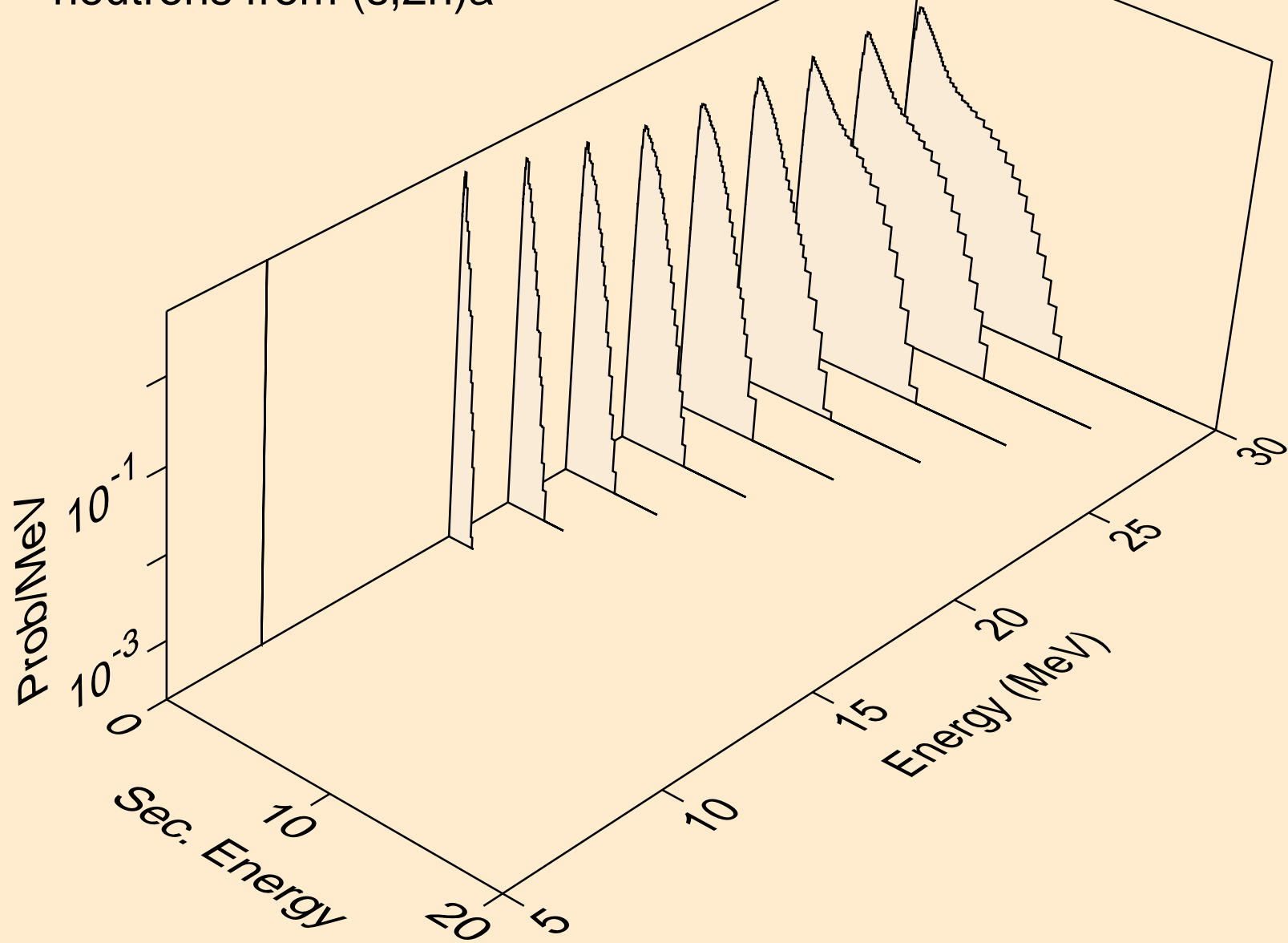
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



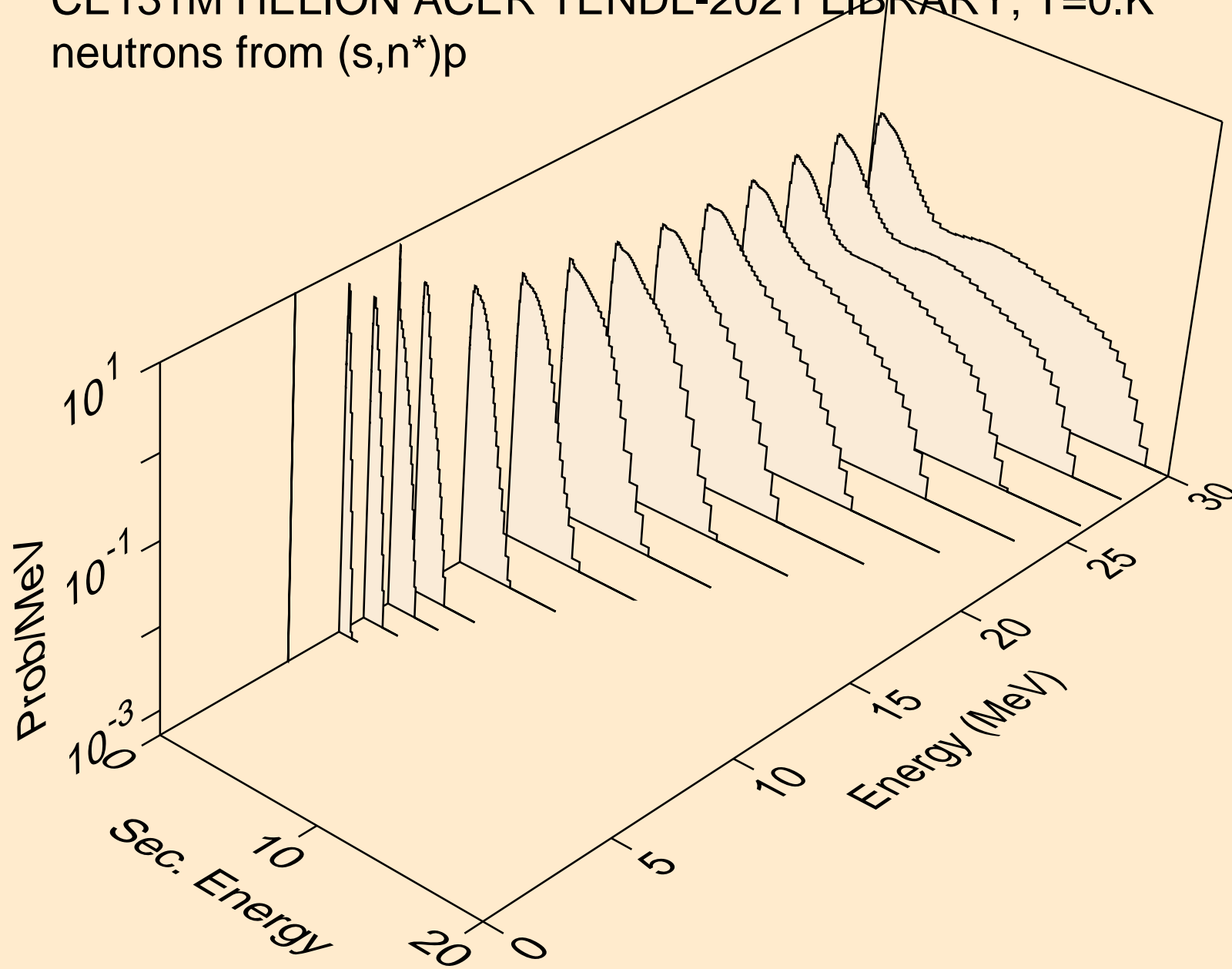
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



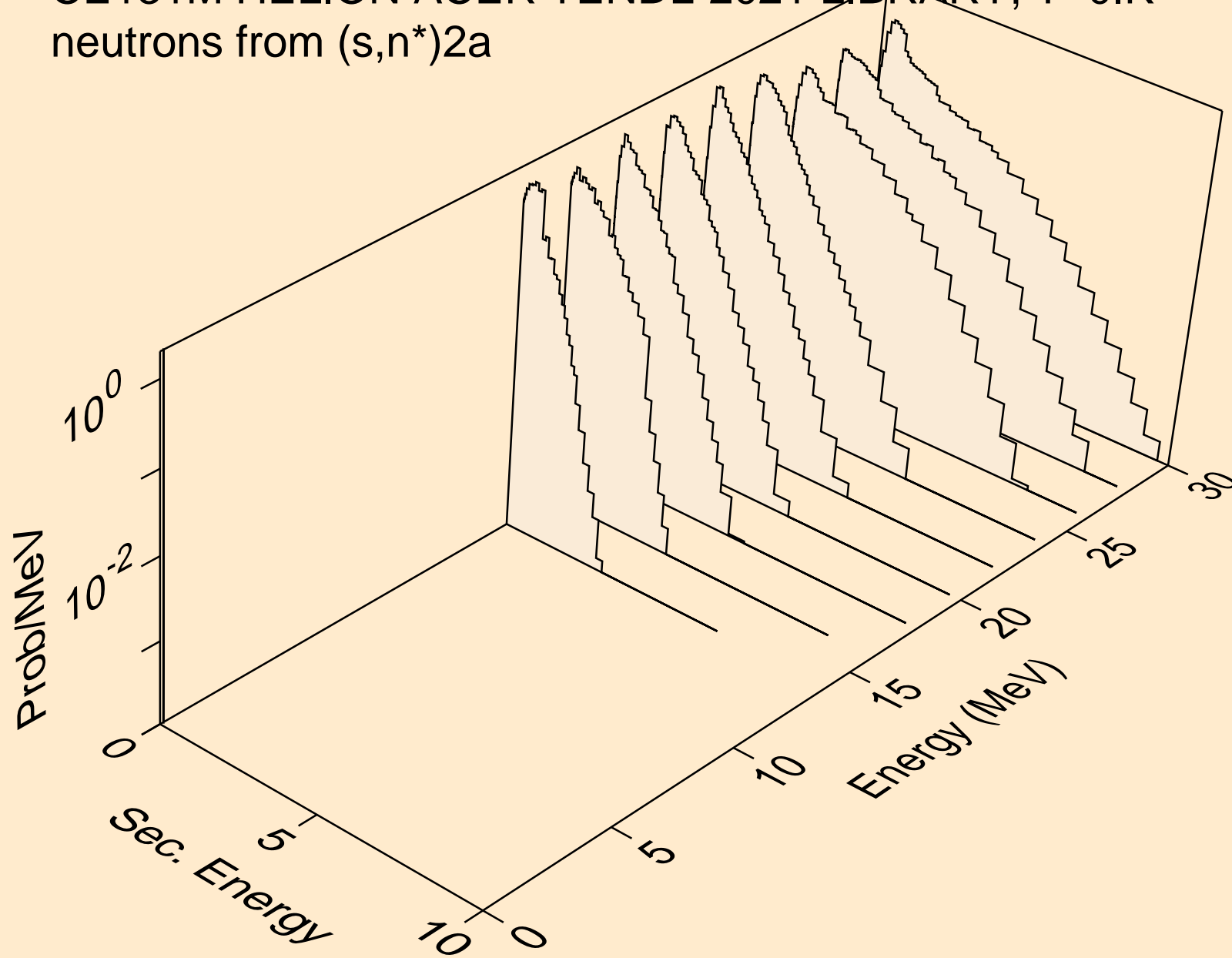
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

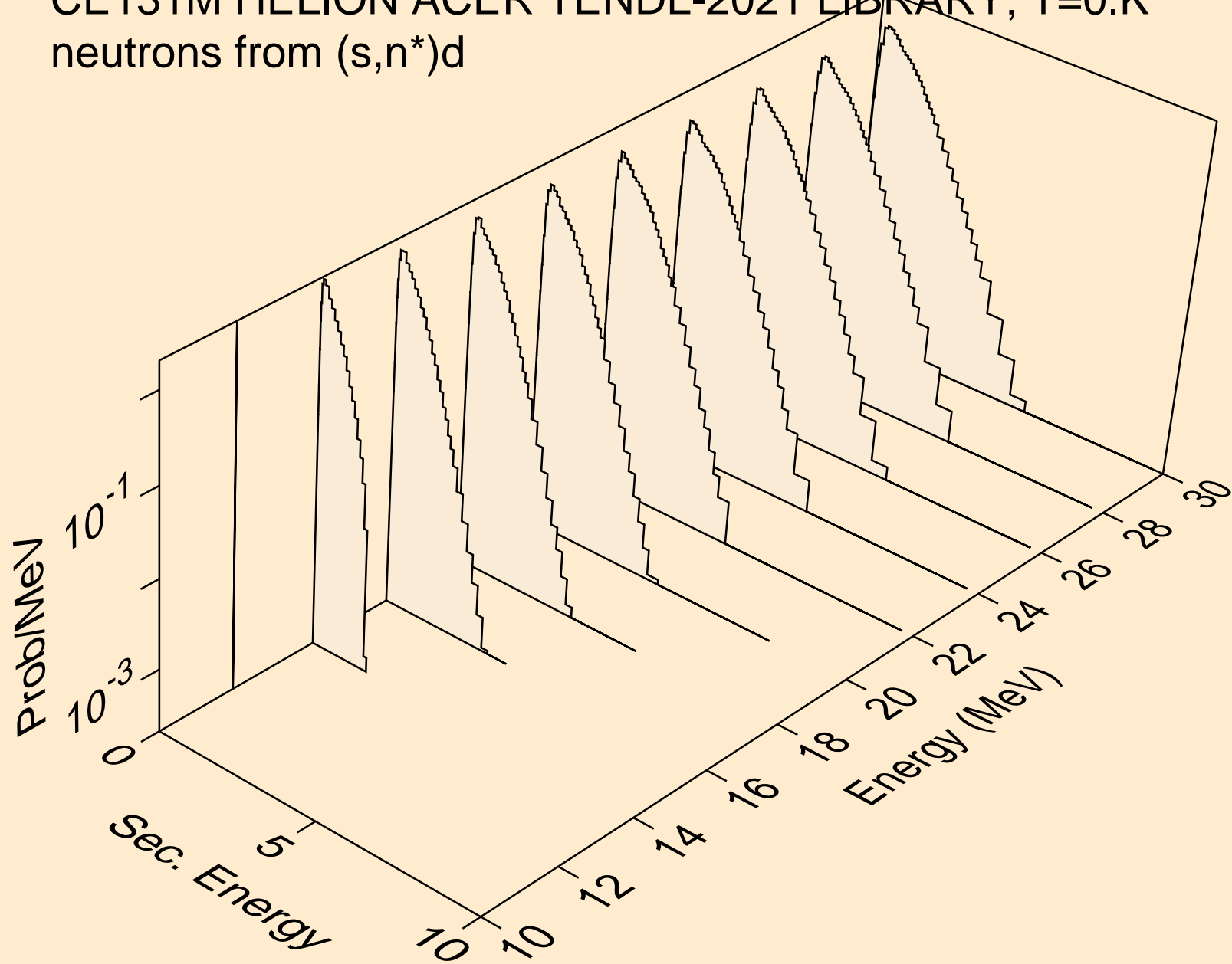


CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

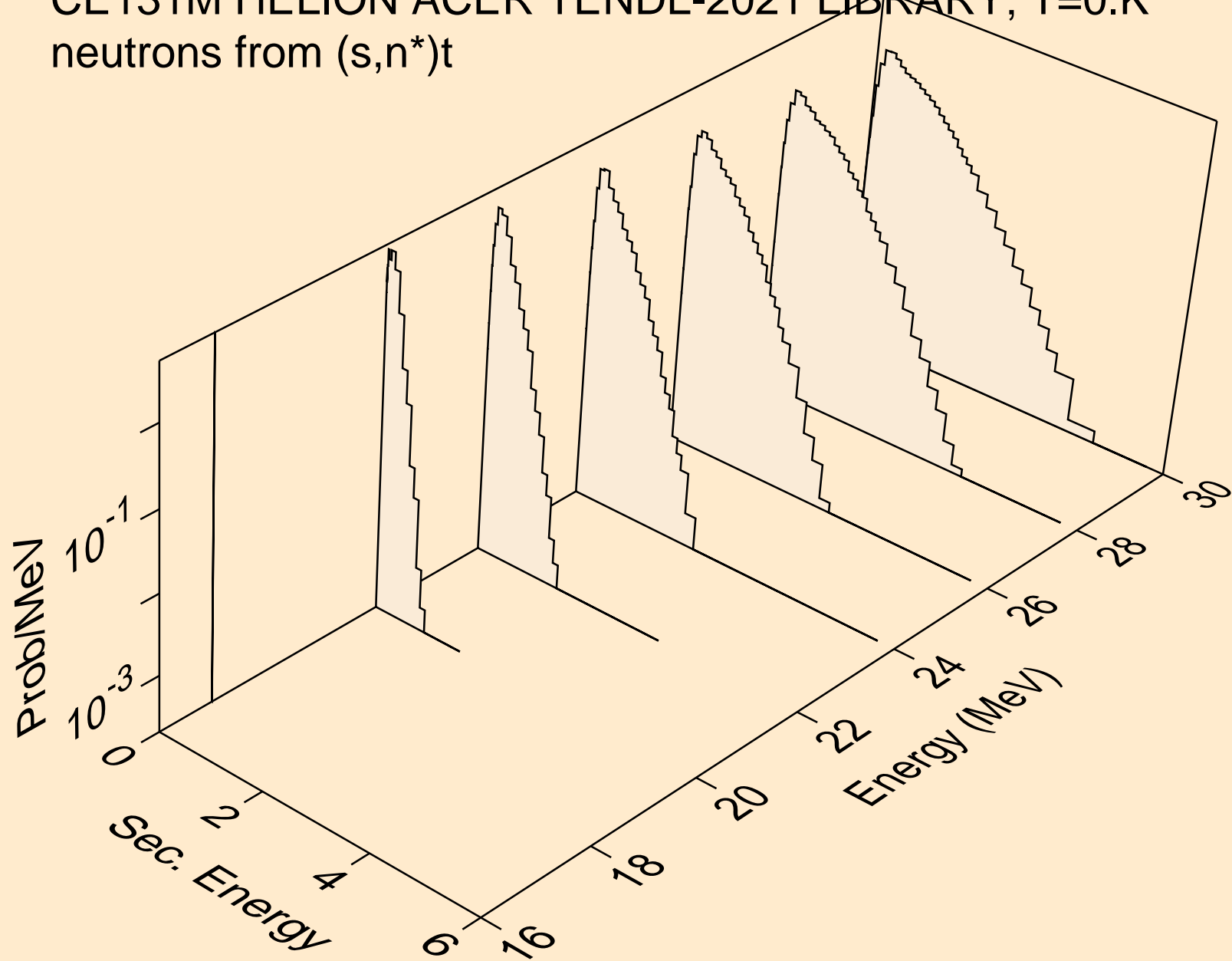




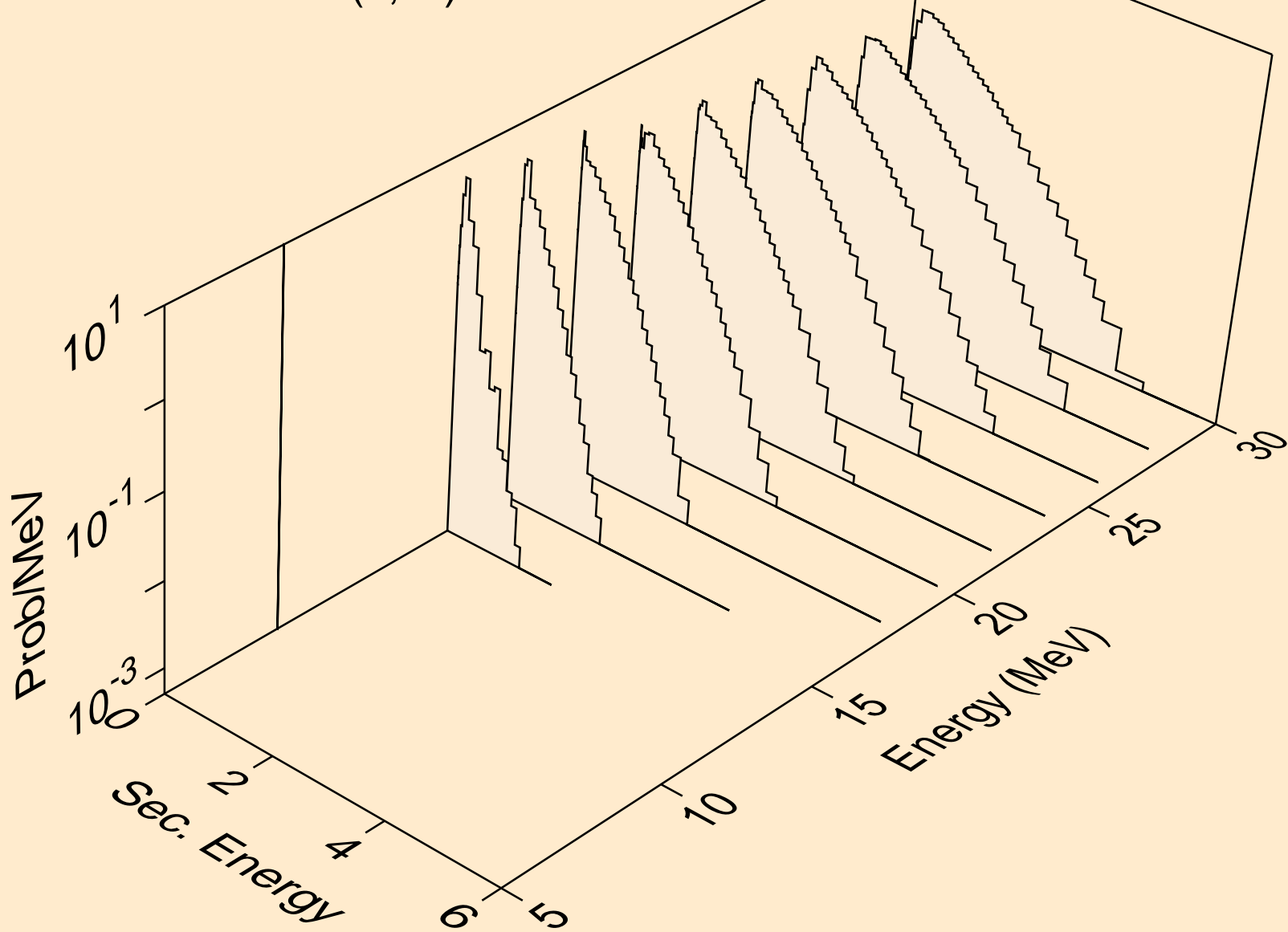
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neutrons from (s,n\*)d



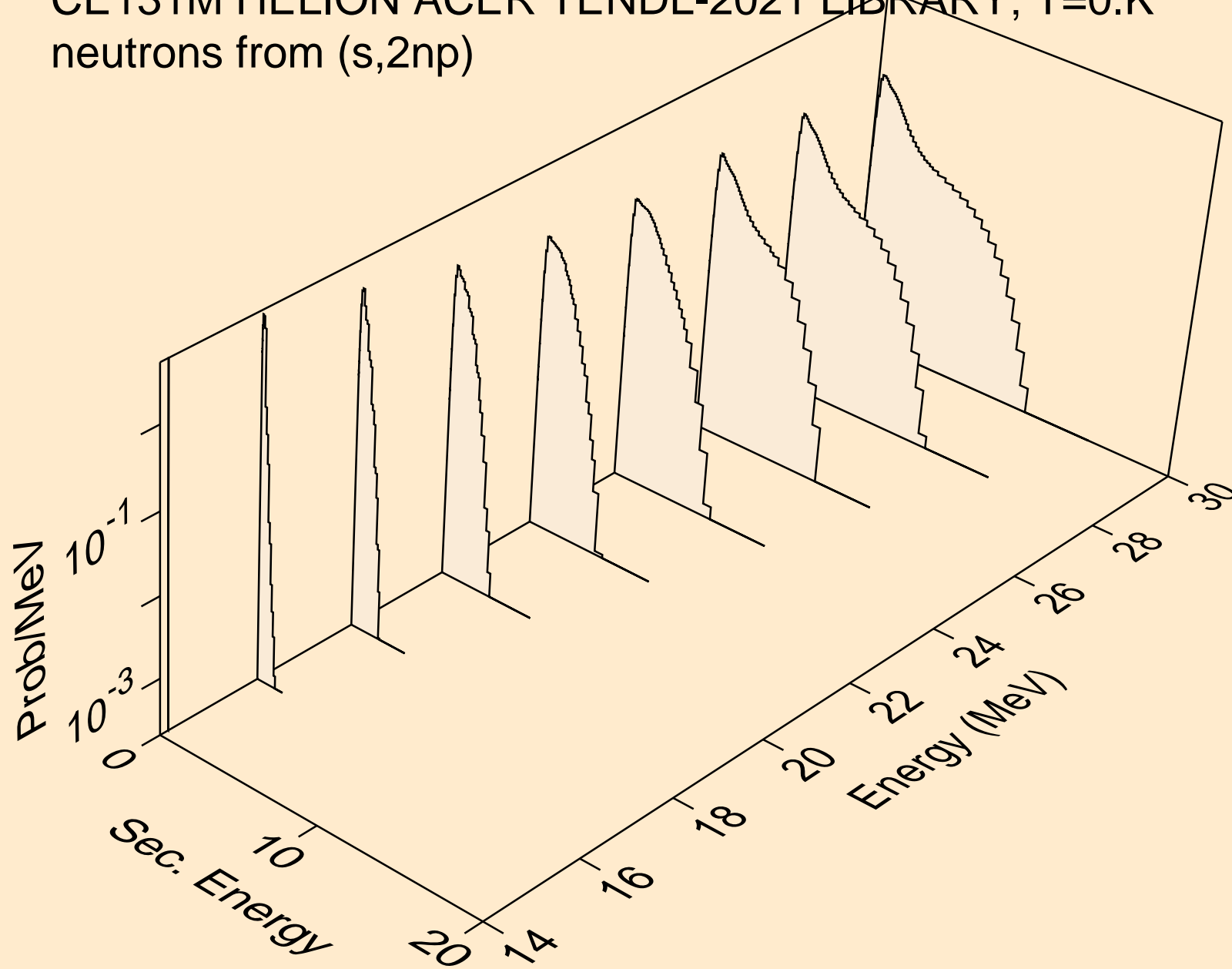
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neutrons from (s,n\*)t



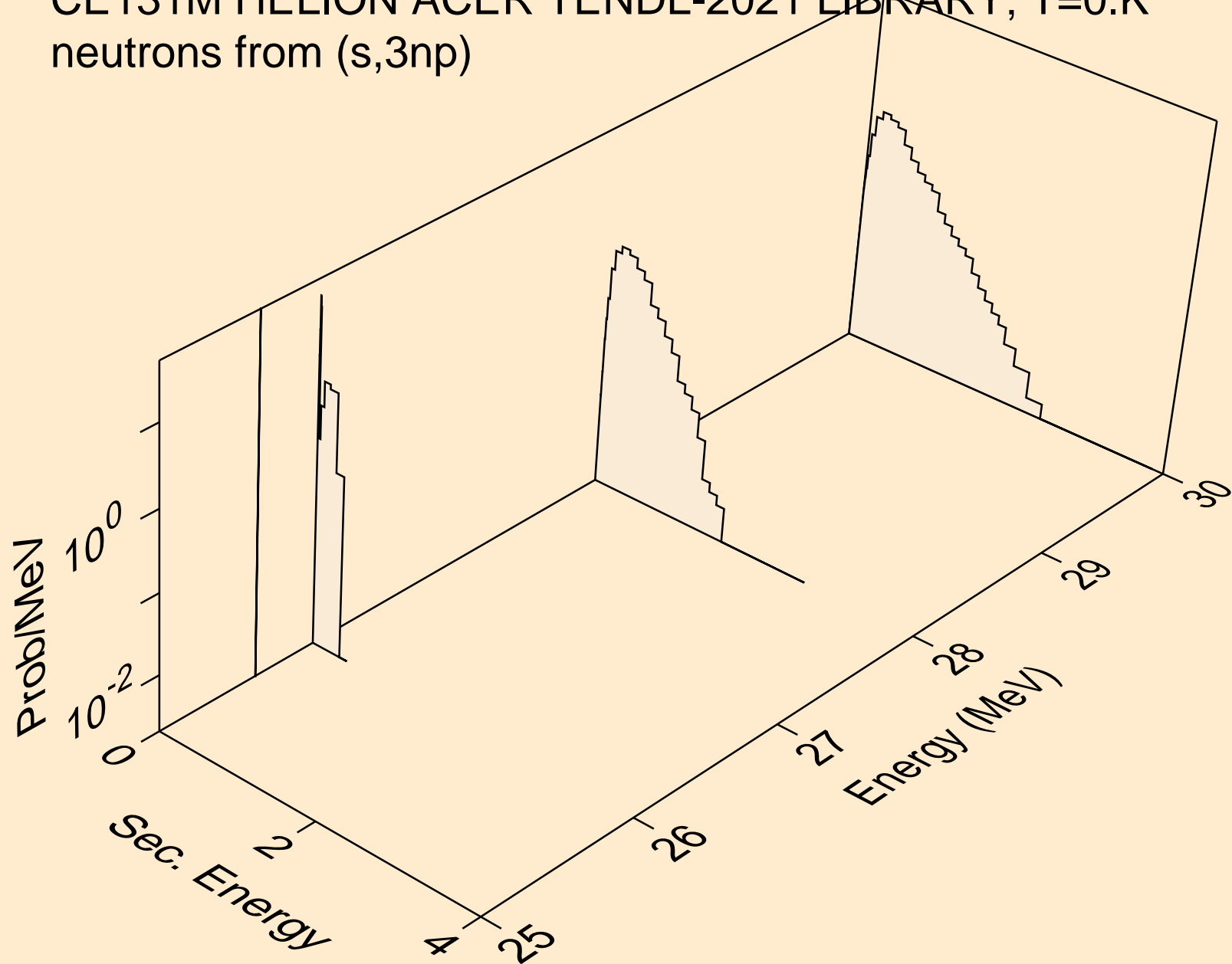
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



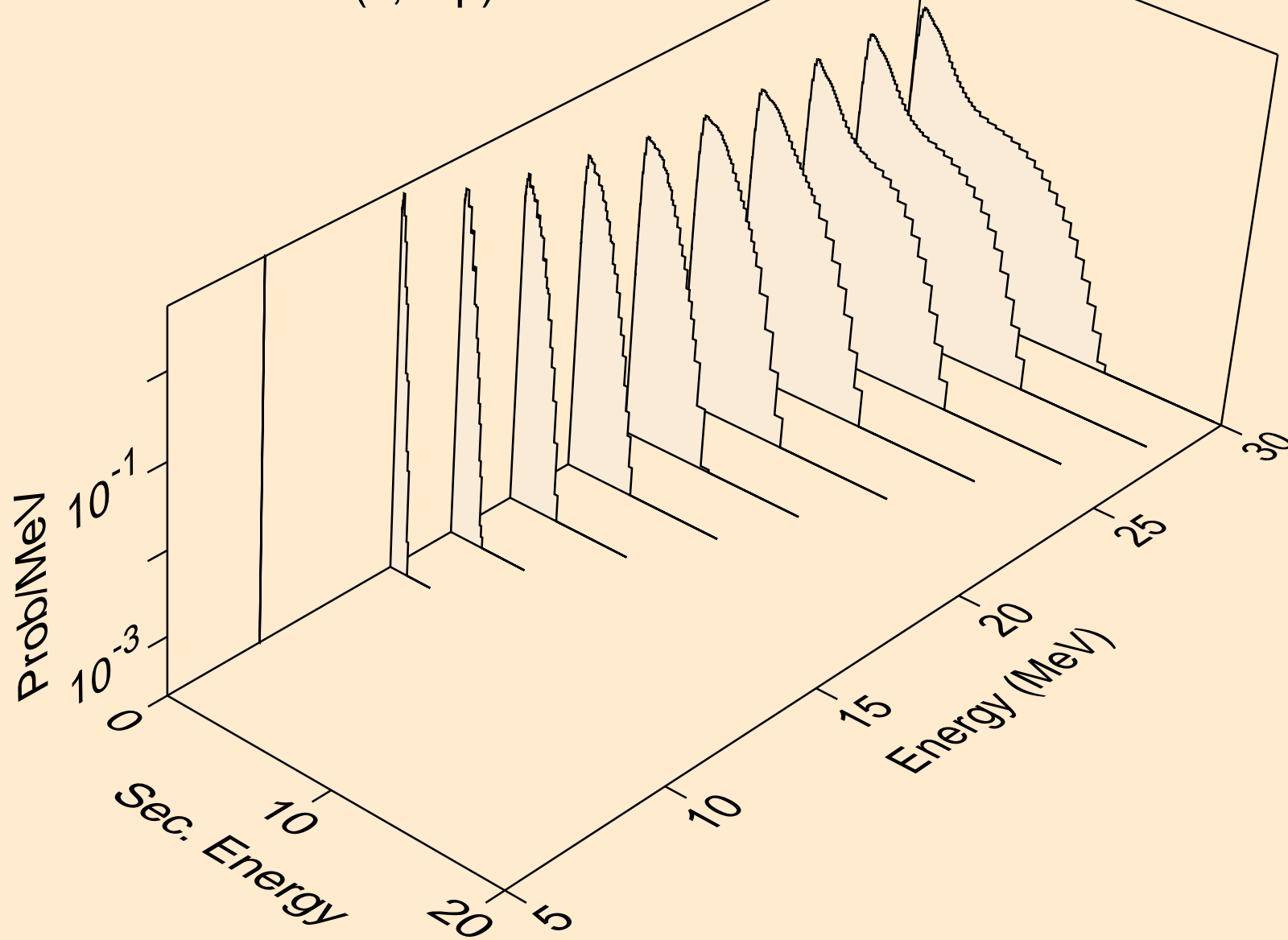
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neutrons from (s,2np)



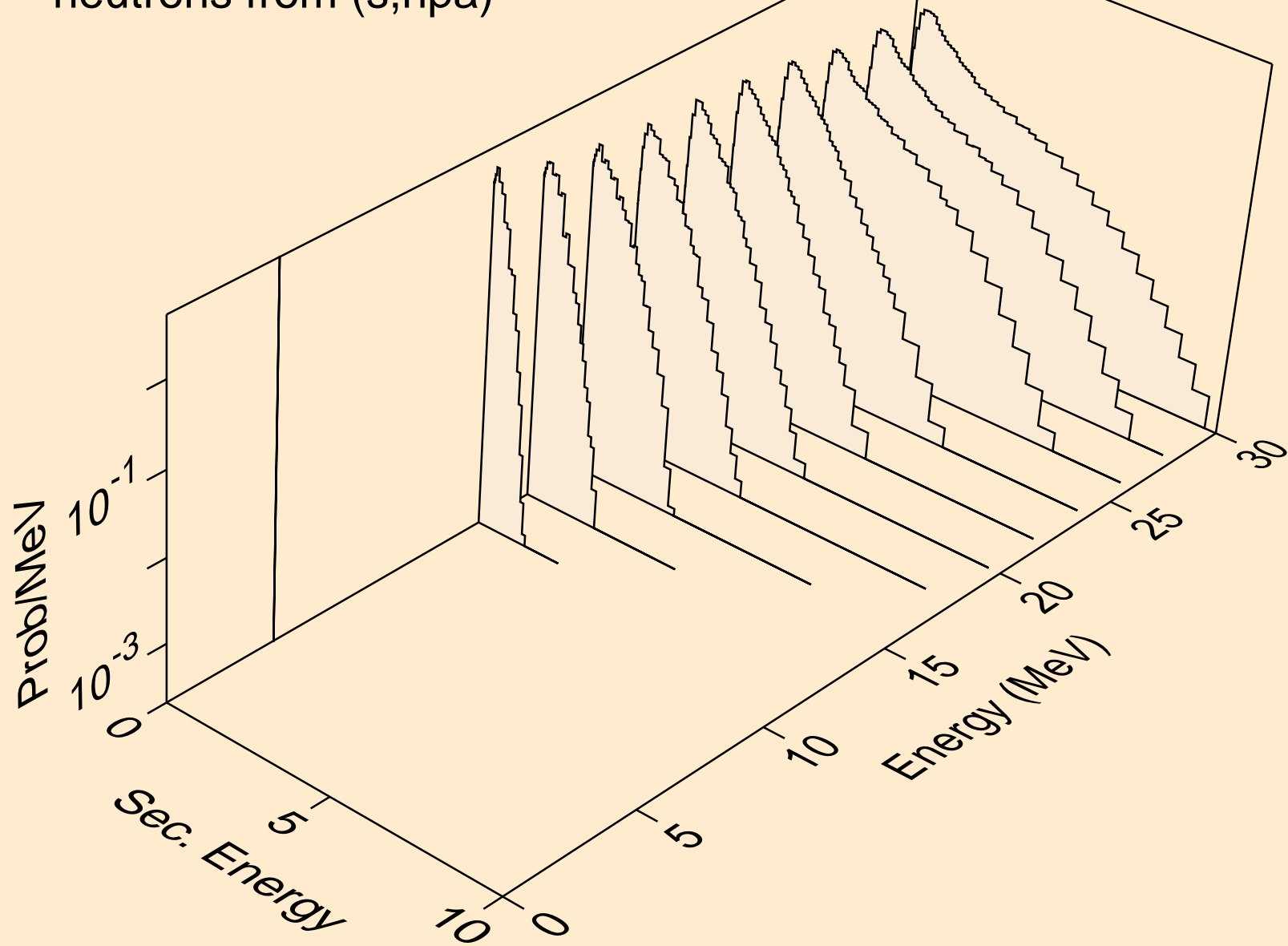
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neutrons from (s,3np)



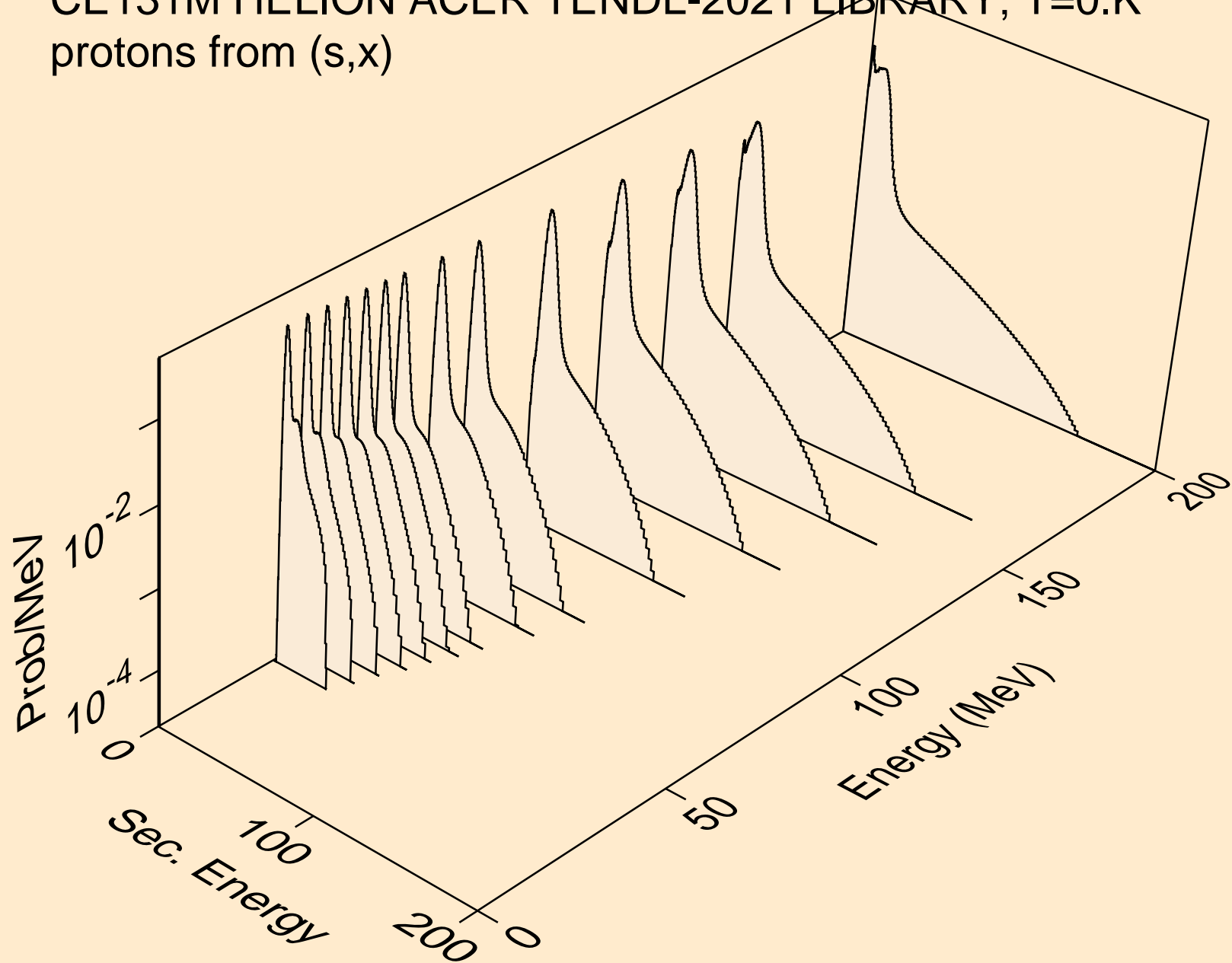
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)

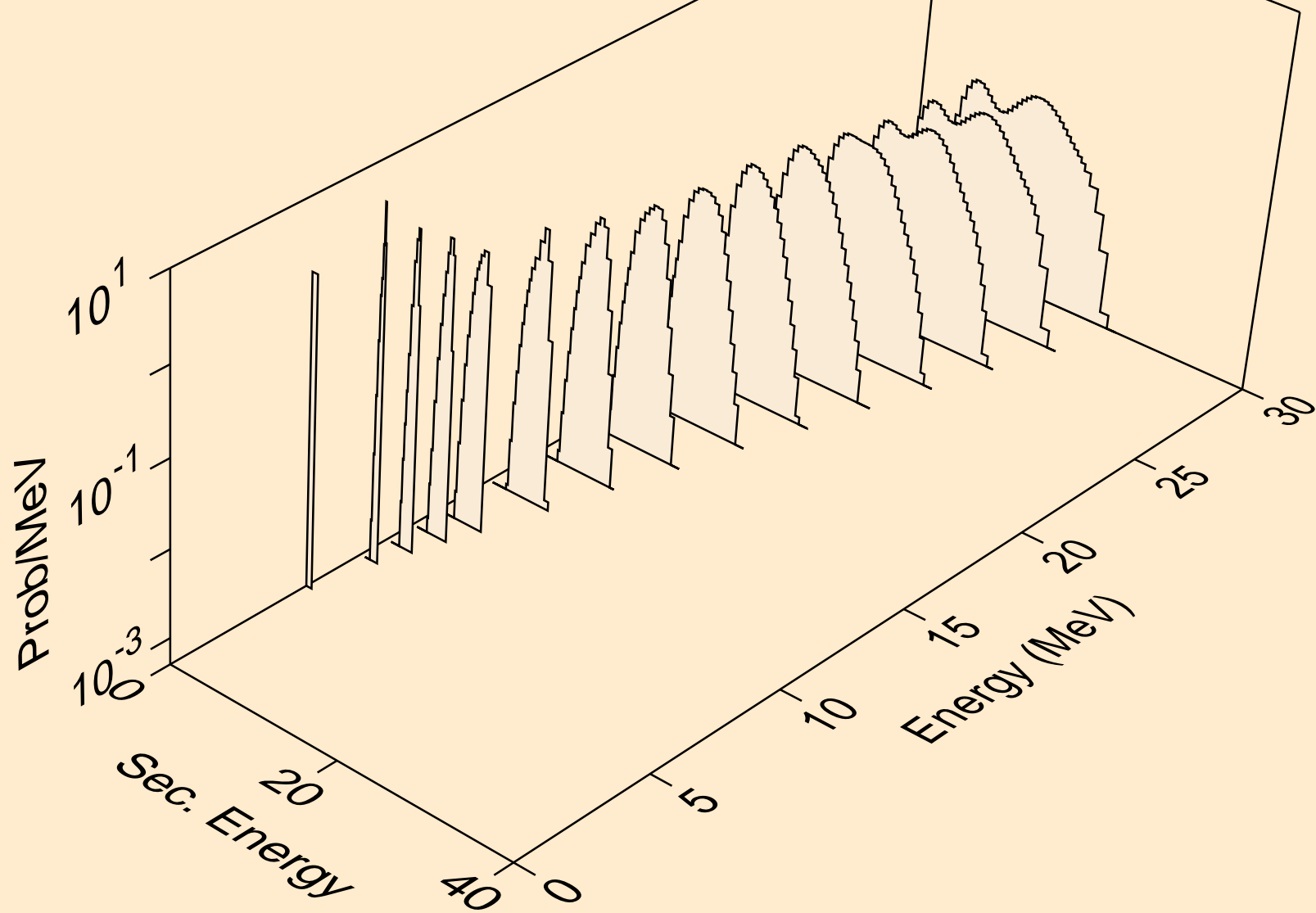


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protons from (s,x)

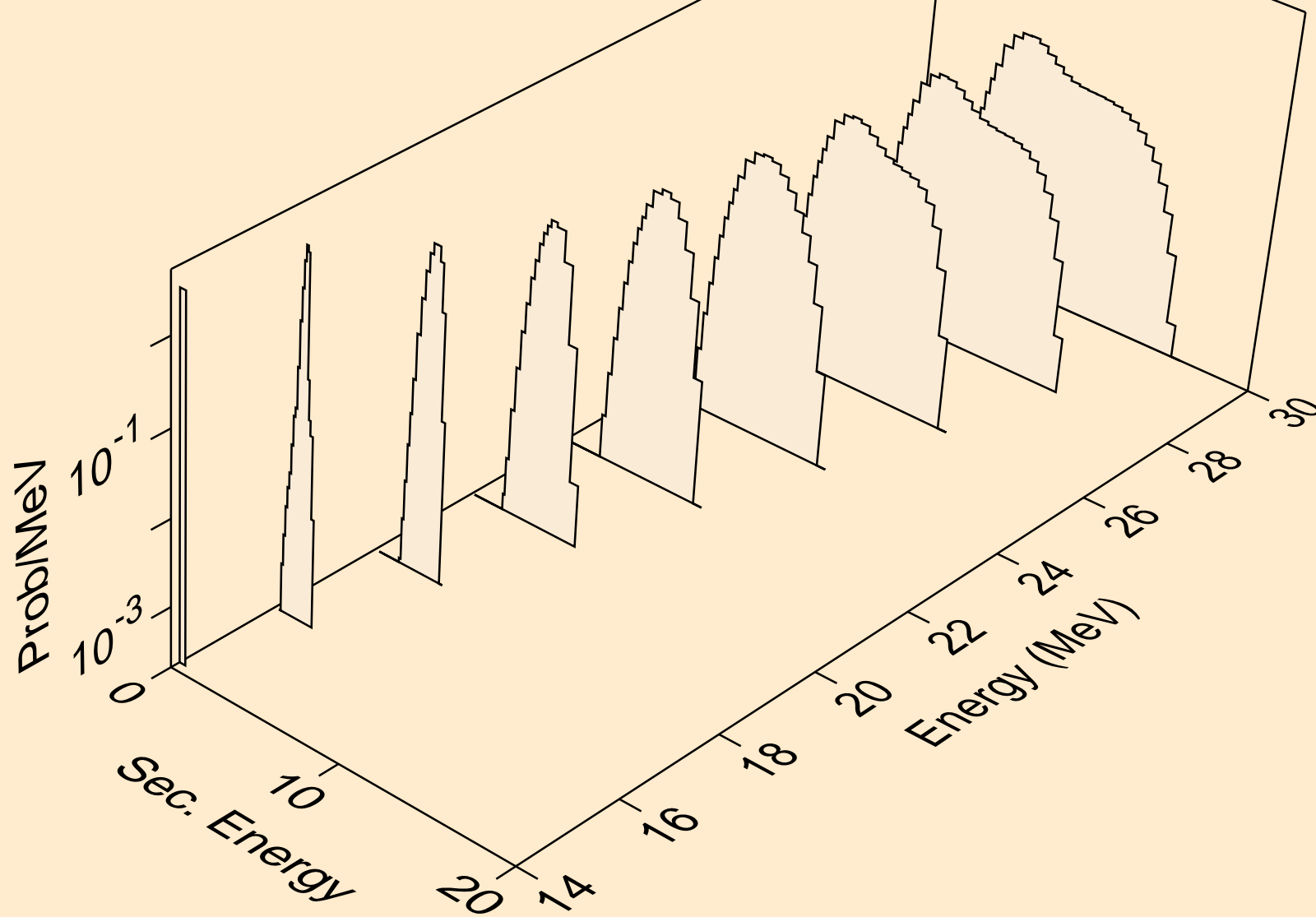




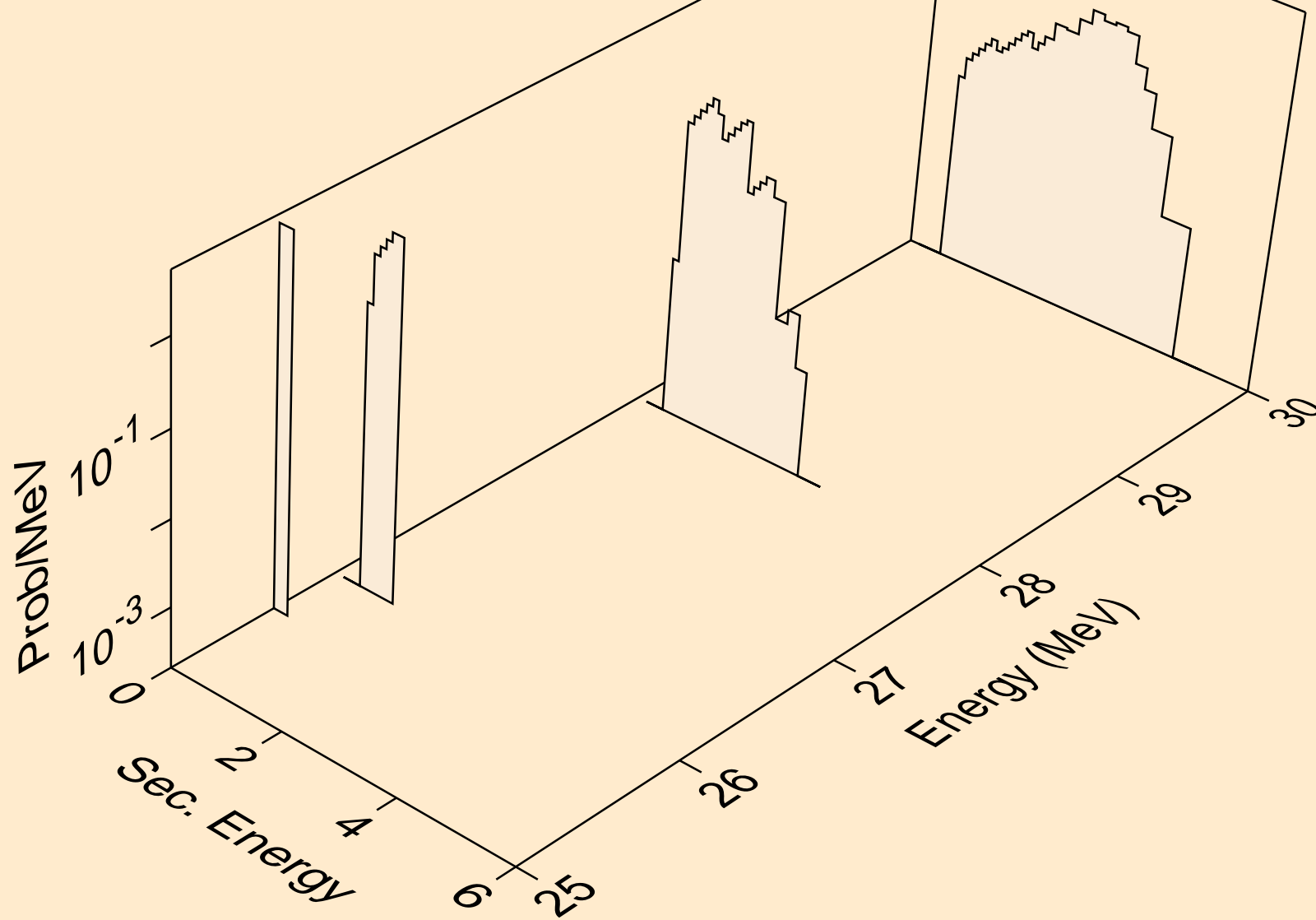
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protons from (s,n\*)p



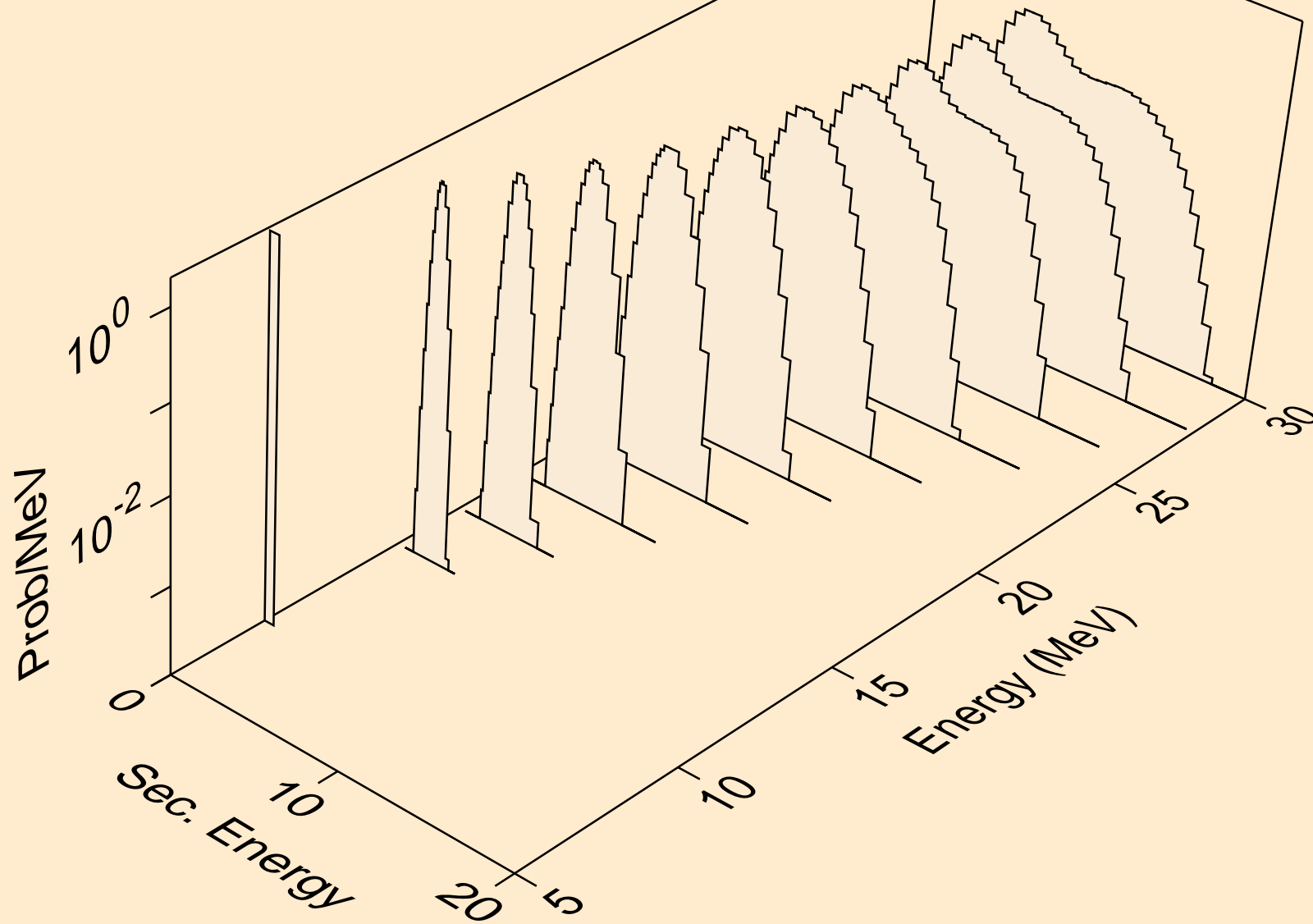
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protons from (s,2np)



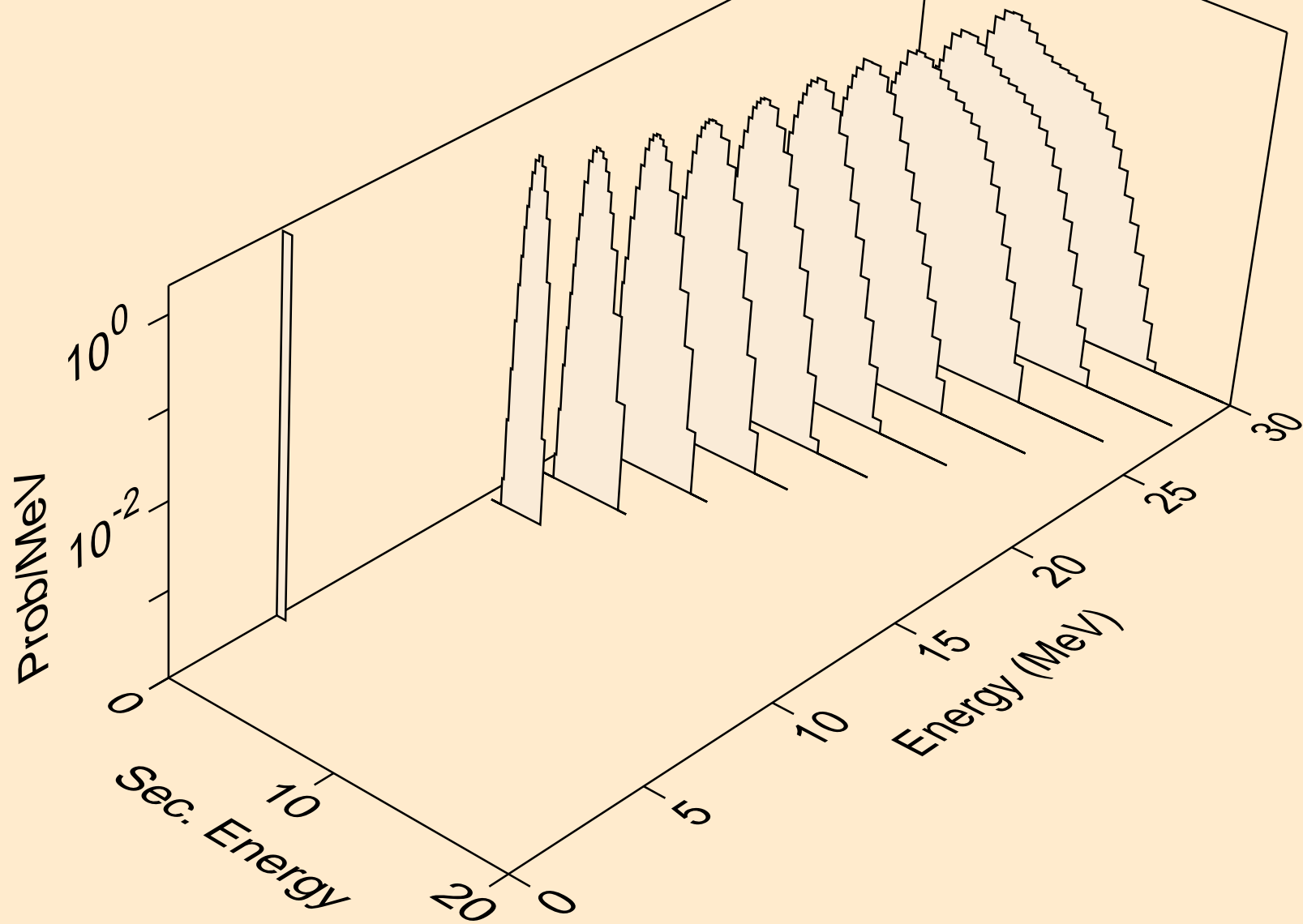
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protons from (s,3np)



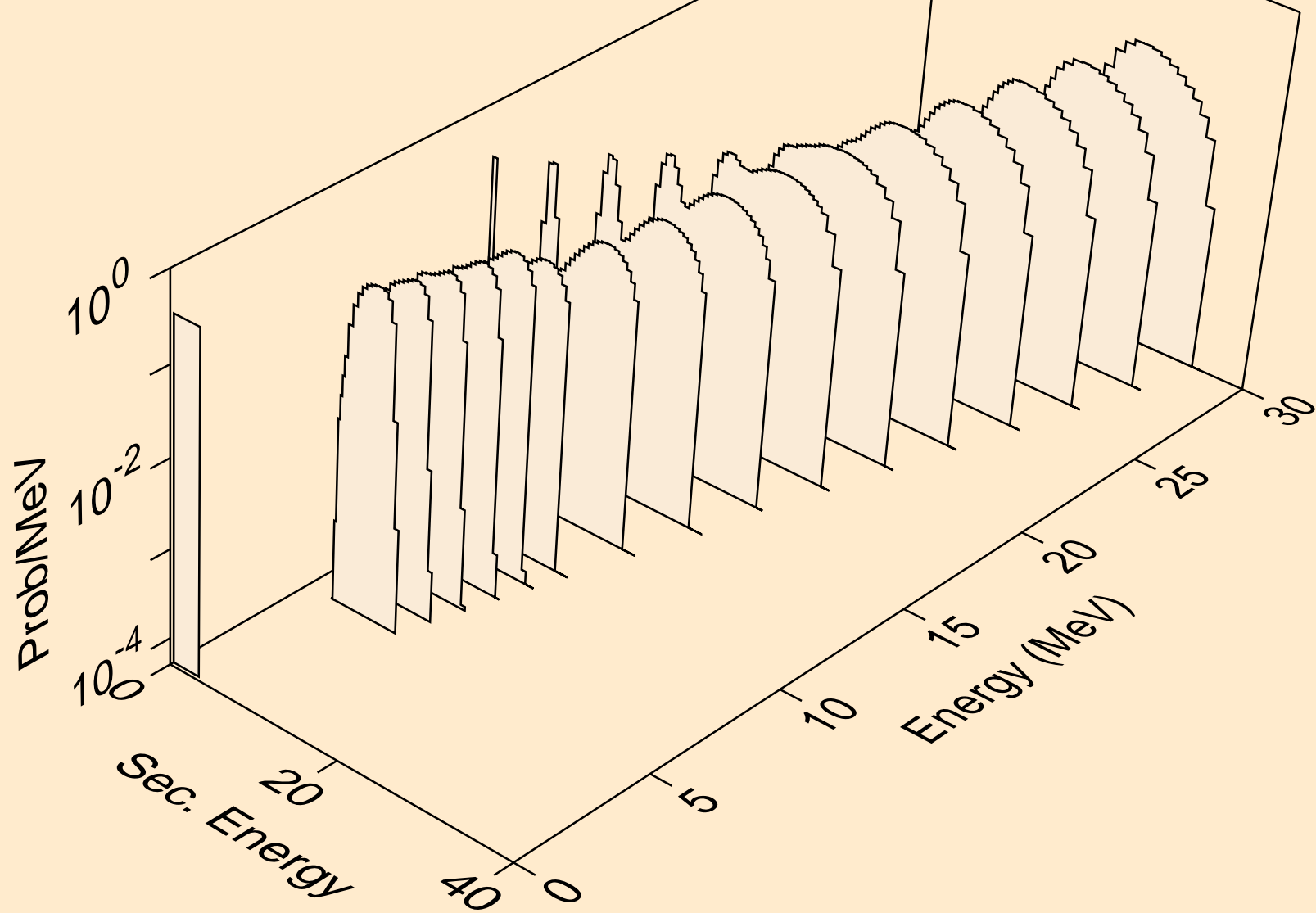
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protons from (s,2np)



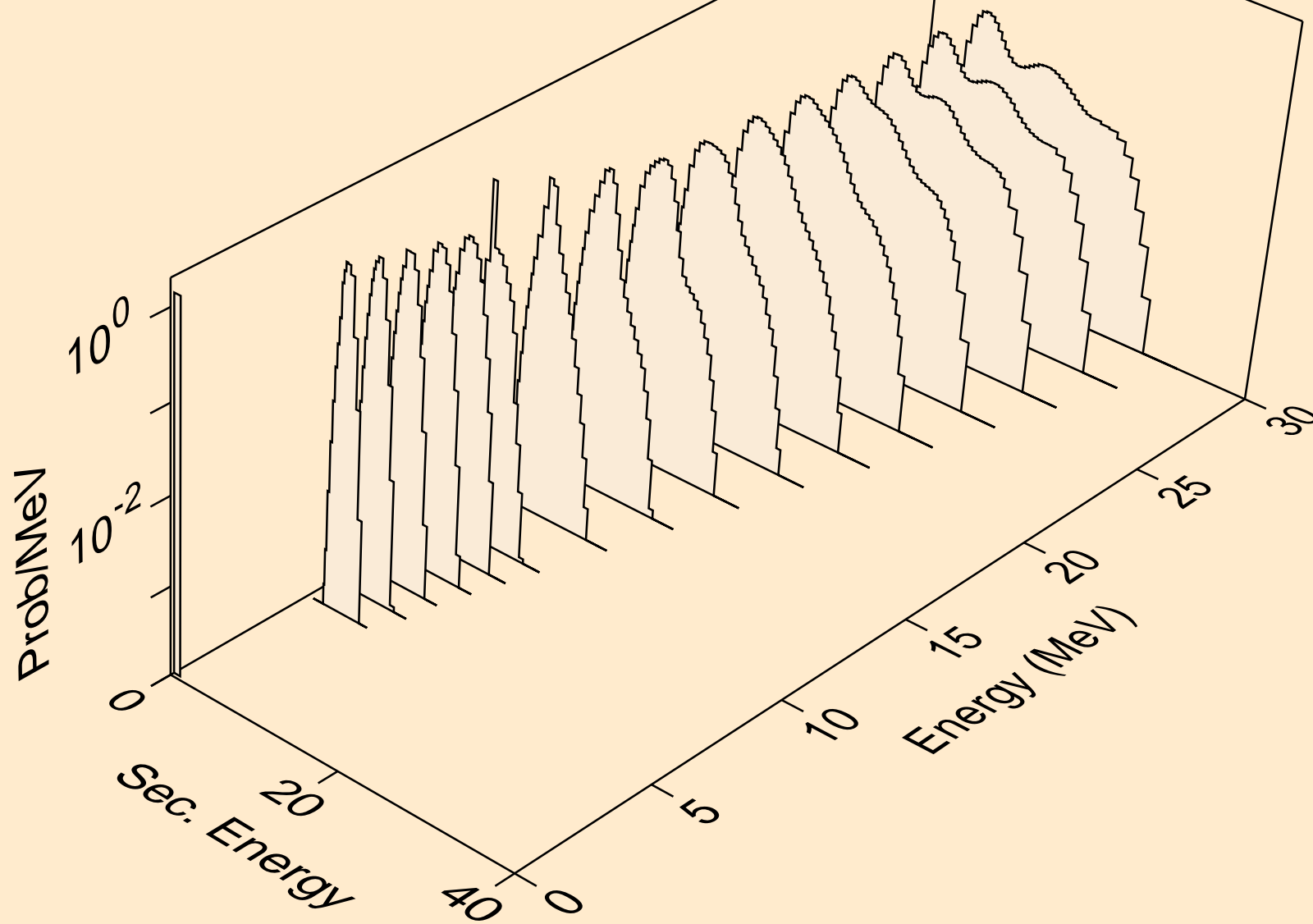
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



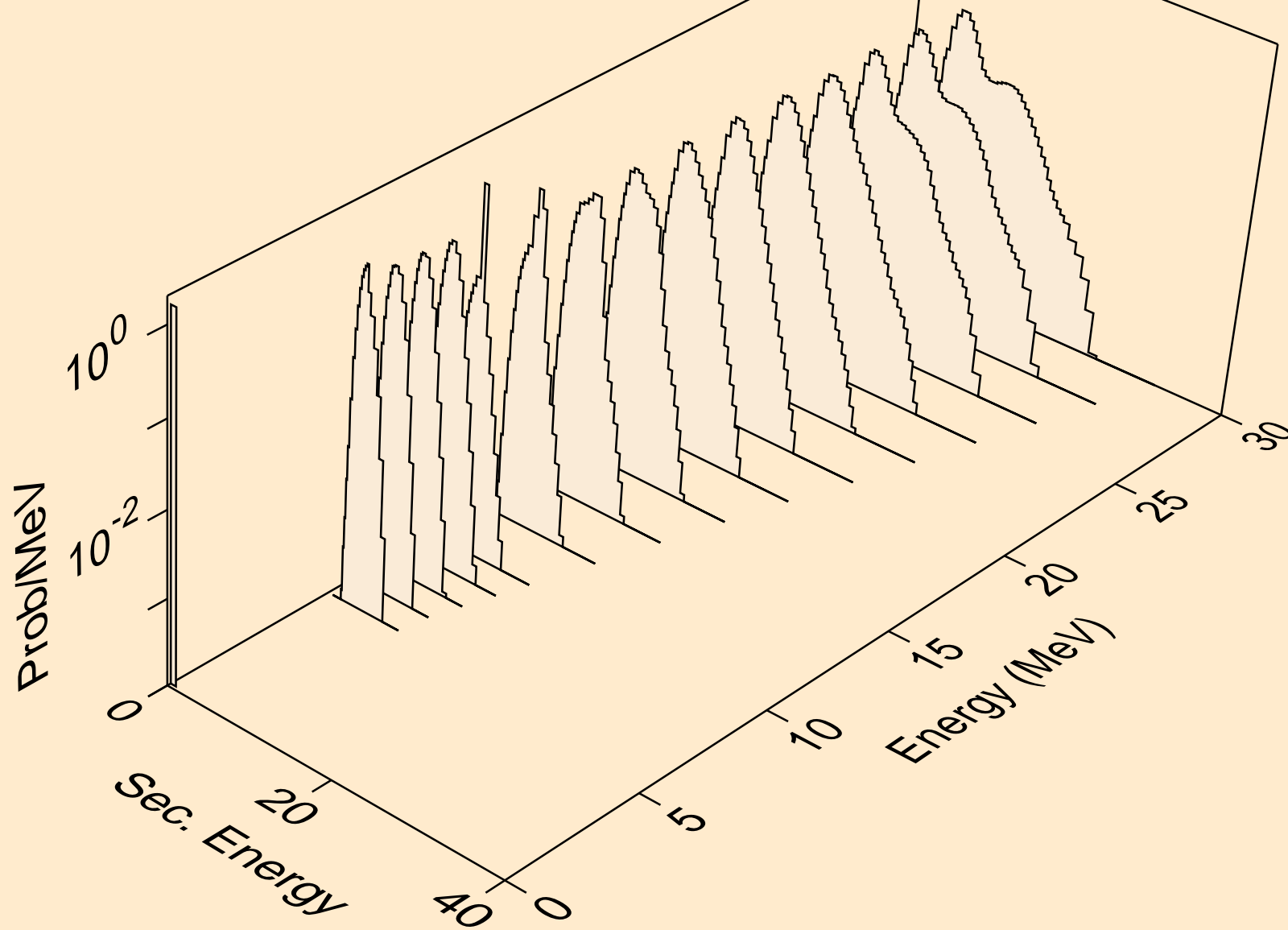
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)

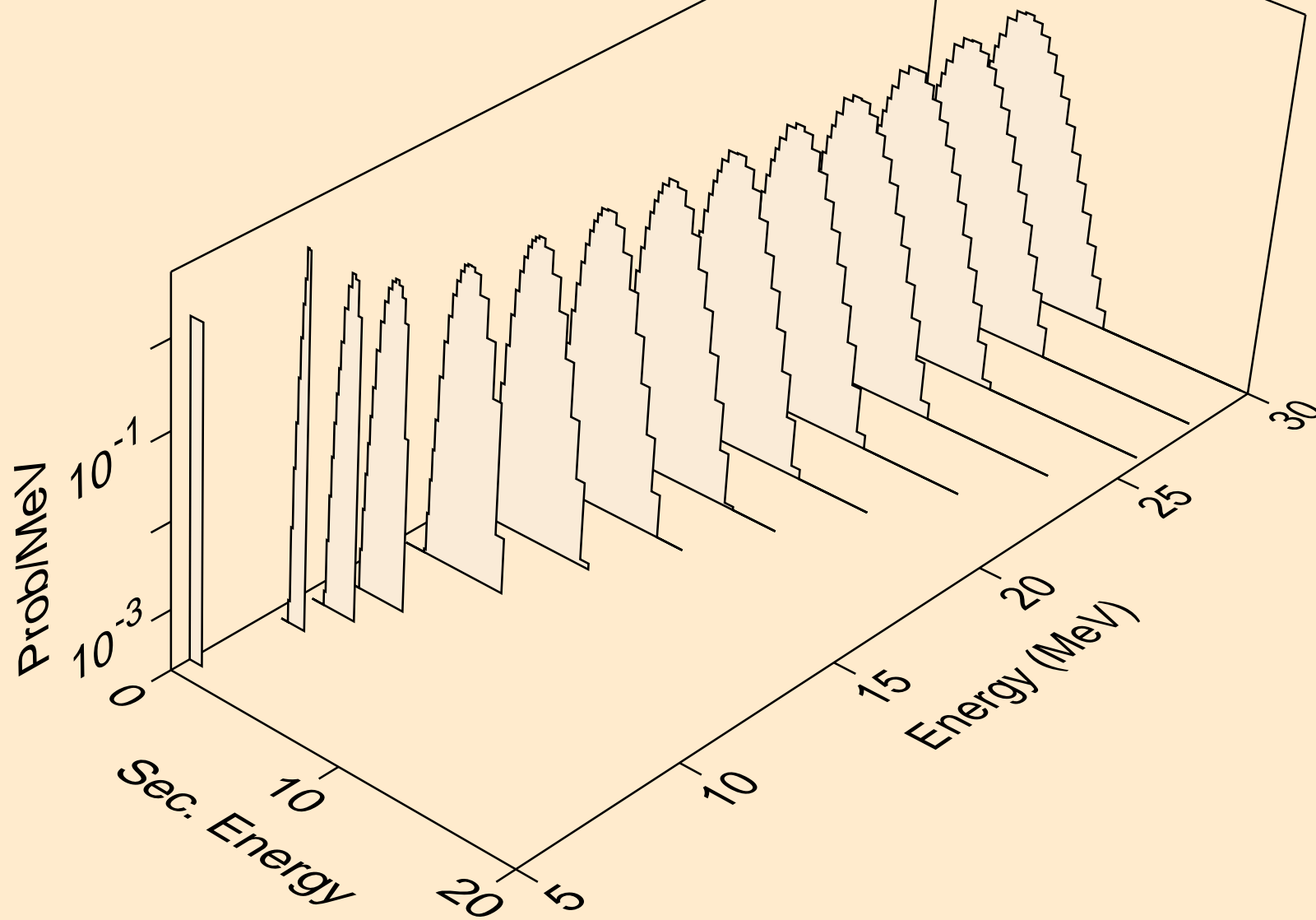


CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)

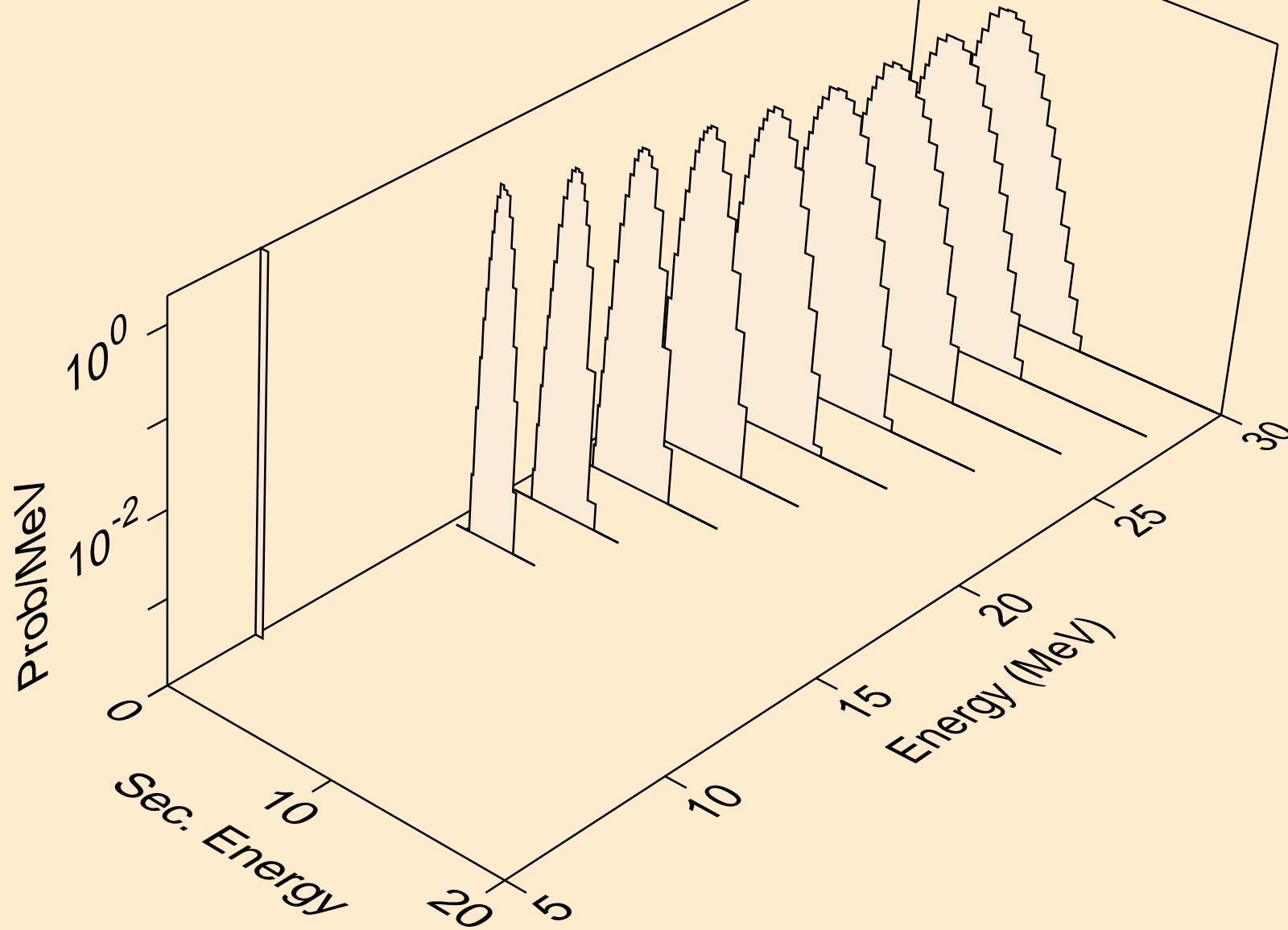




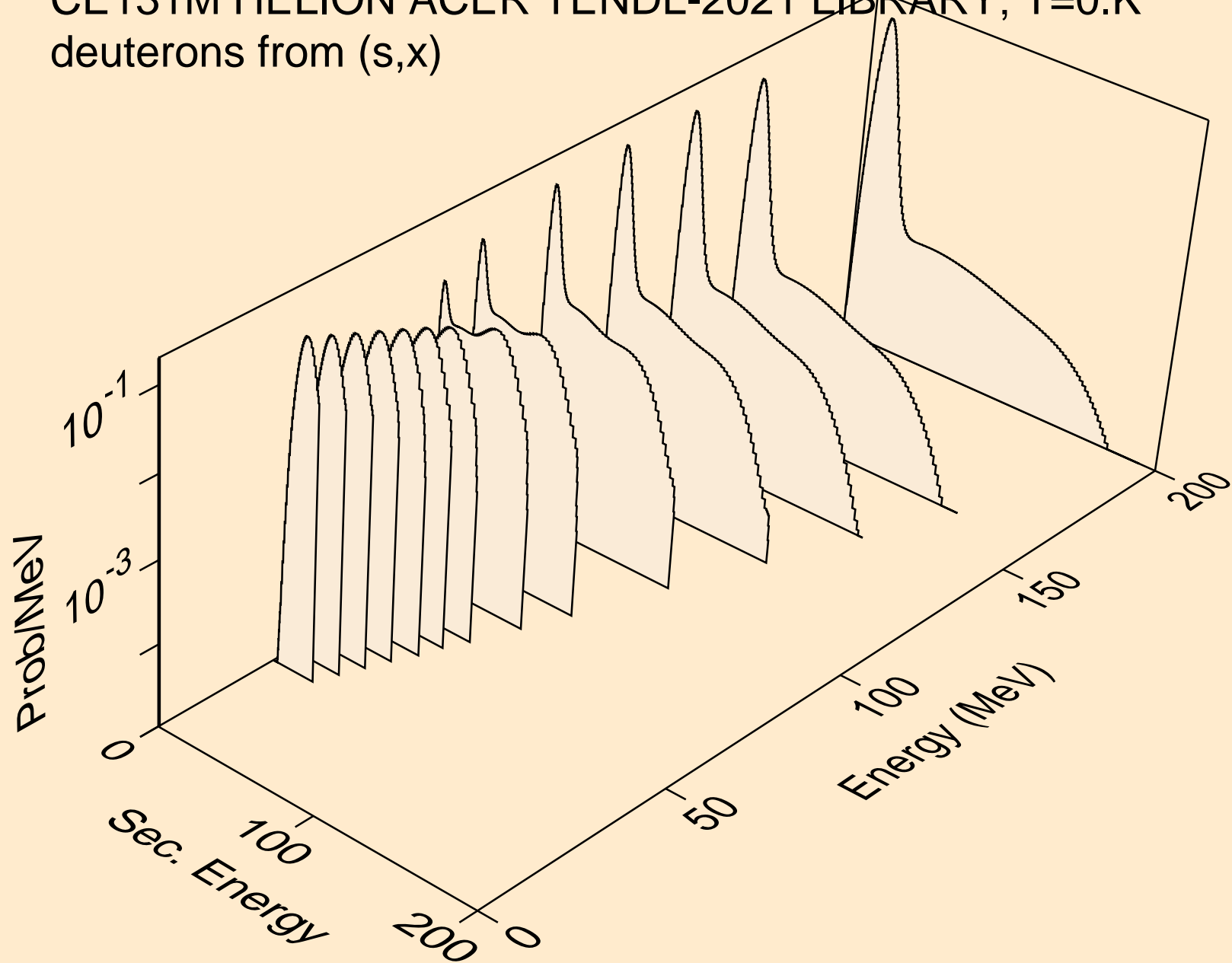
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protons from (s,pd)



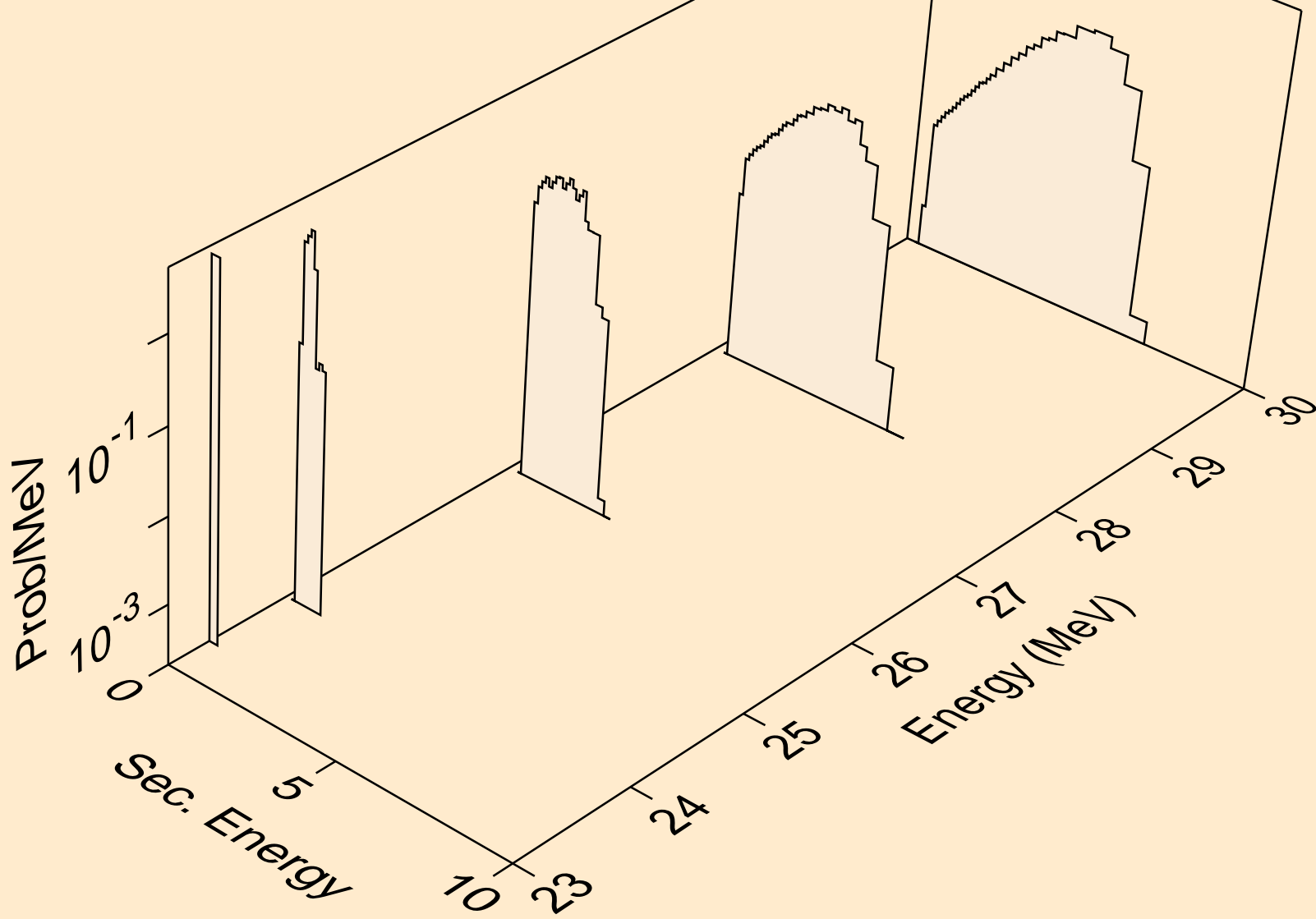
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protons from (s,pt)



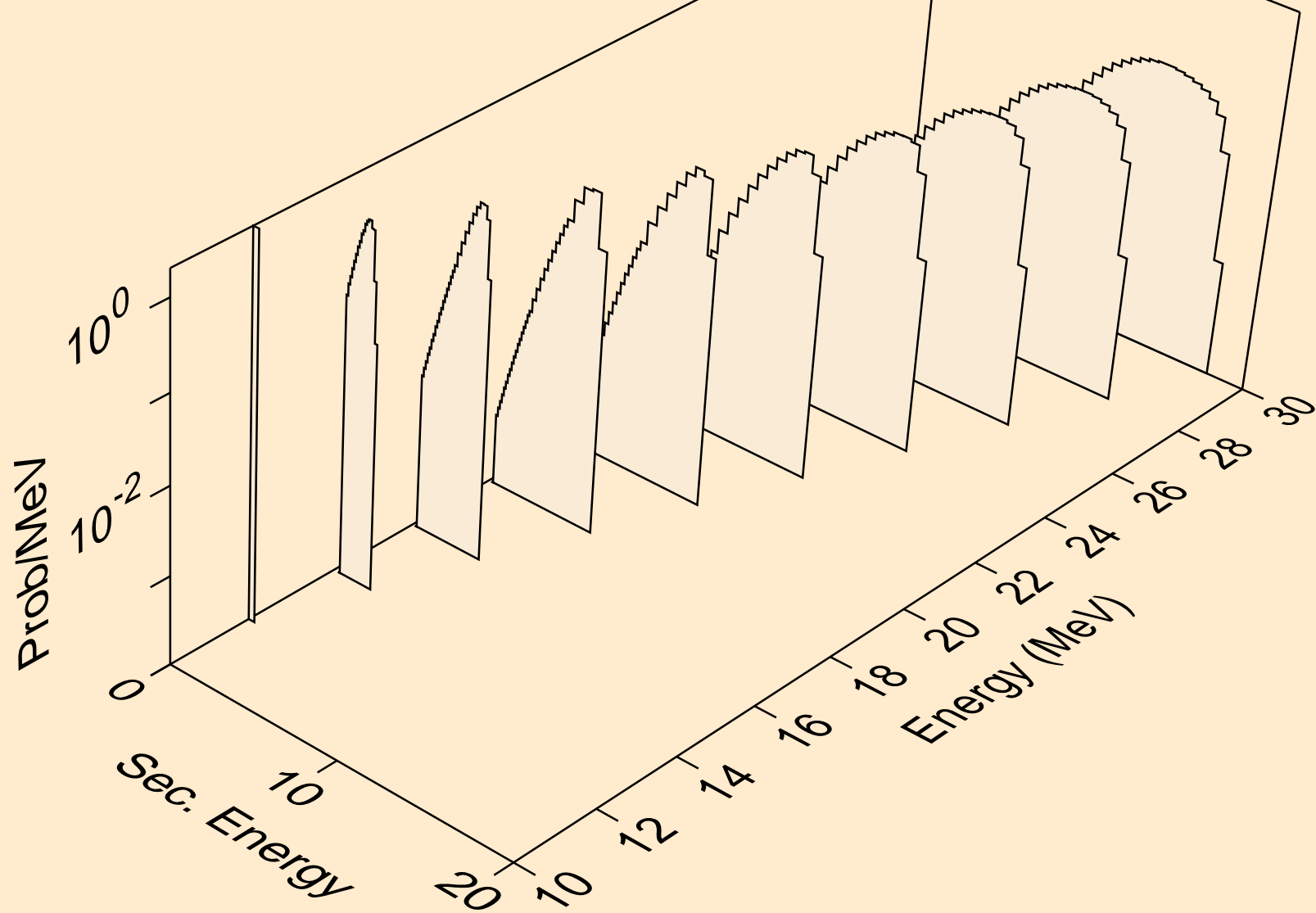
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



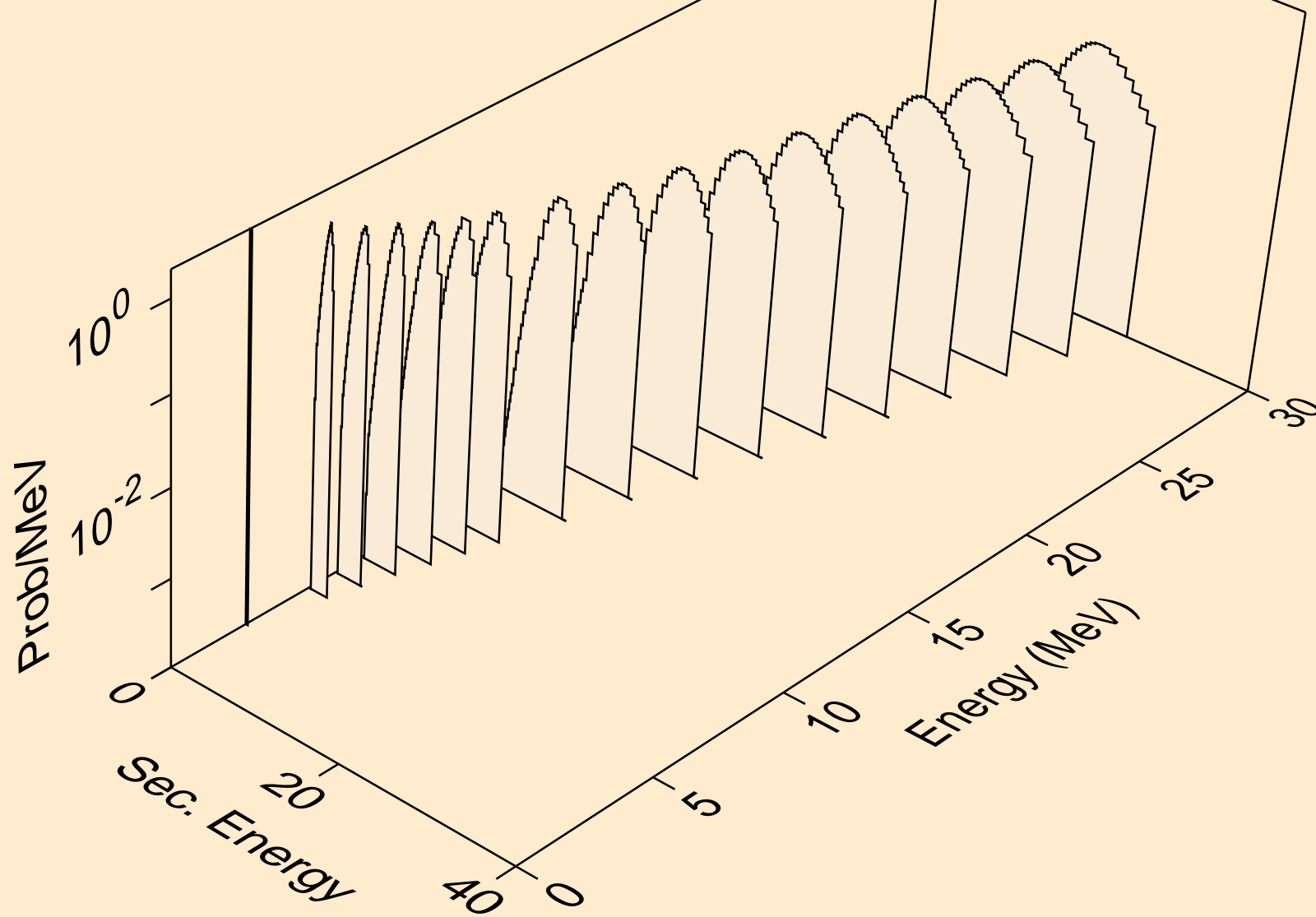
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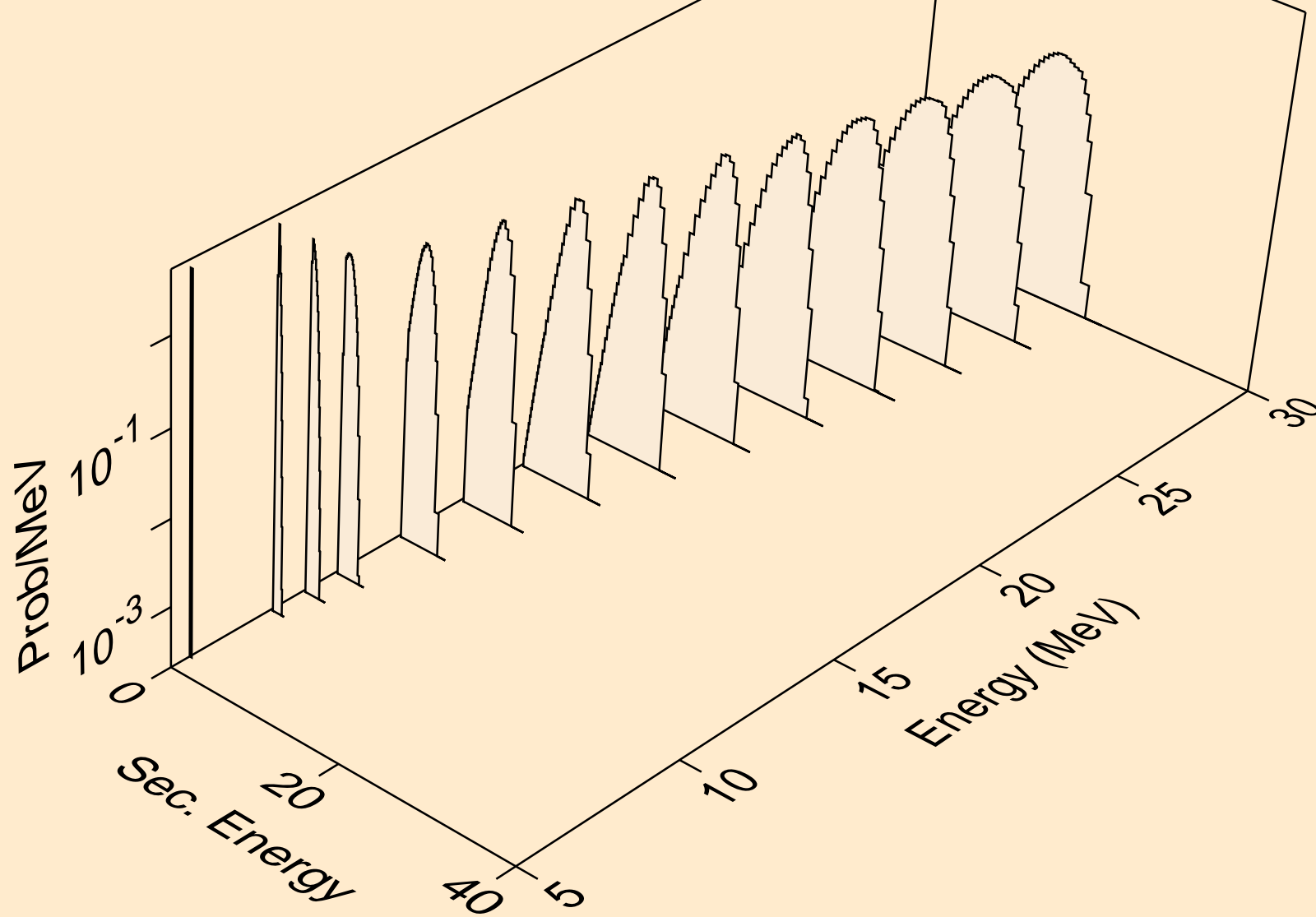
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deuterons from (s,n\*)d



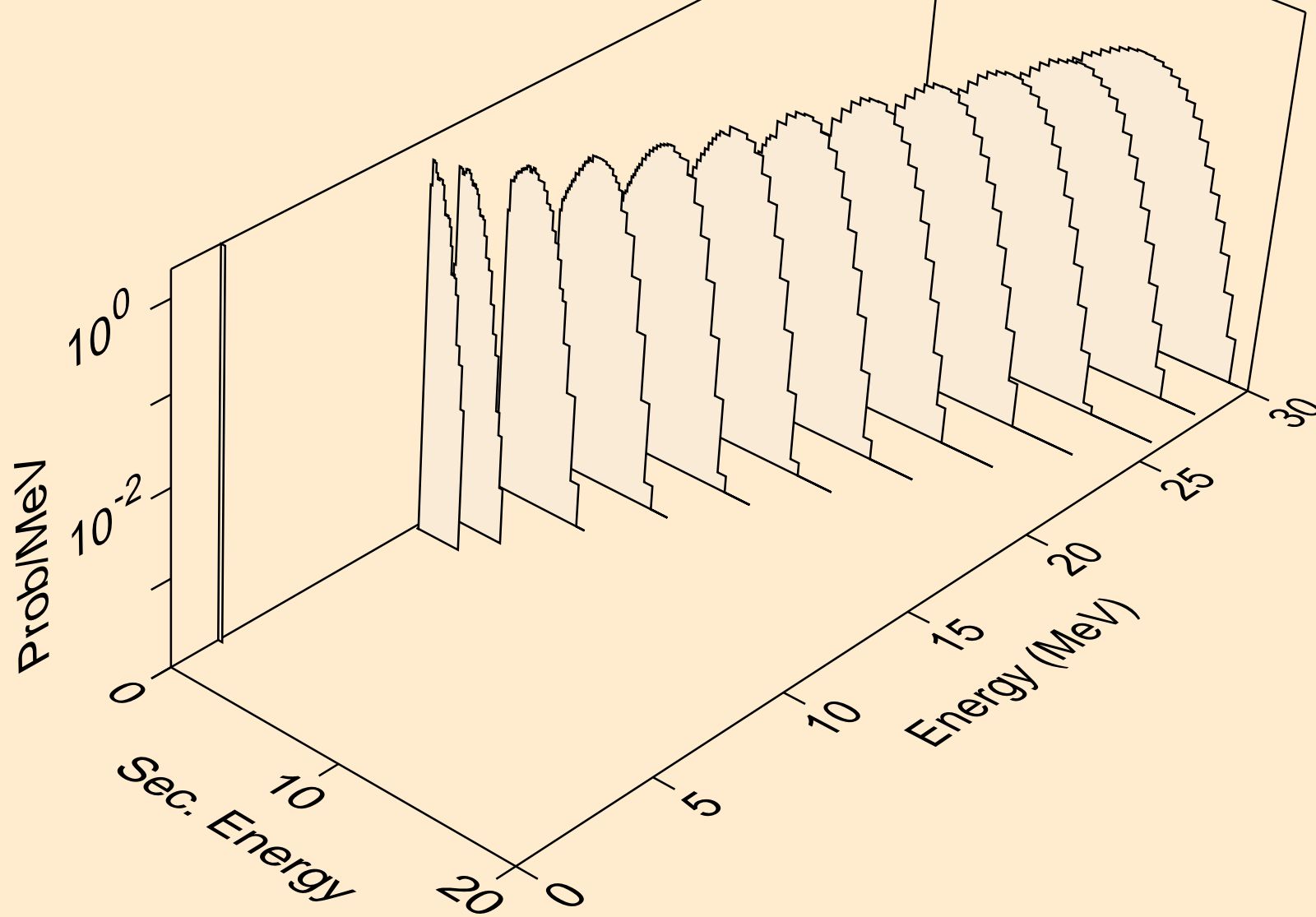
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)

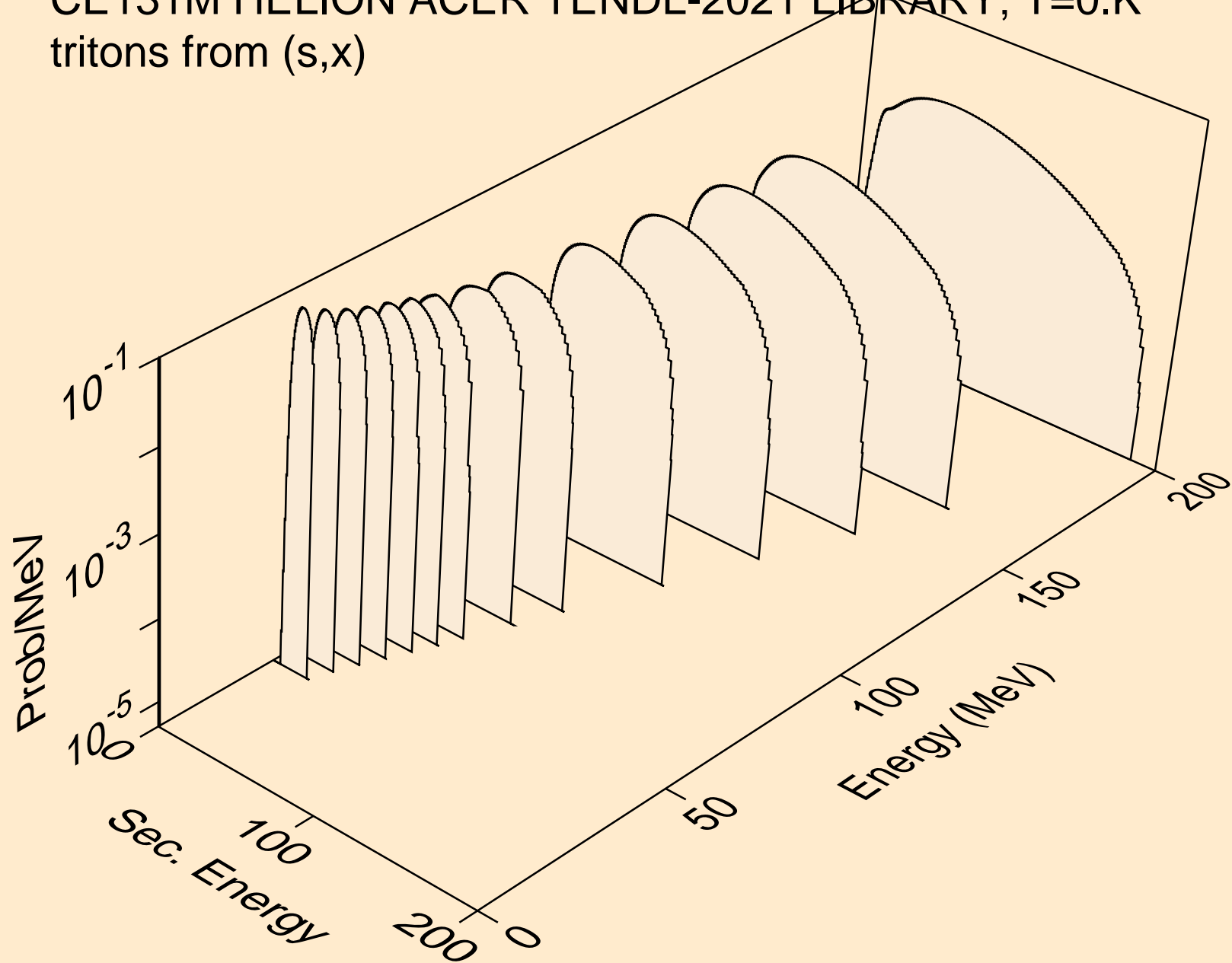


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deuterons from (s,da)

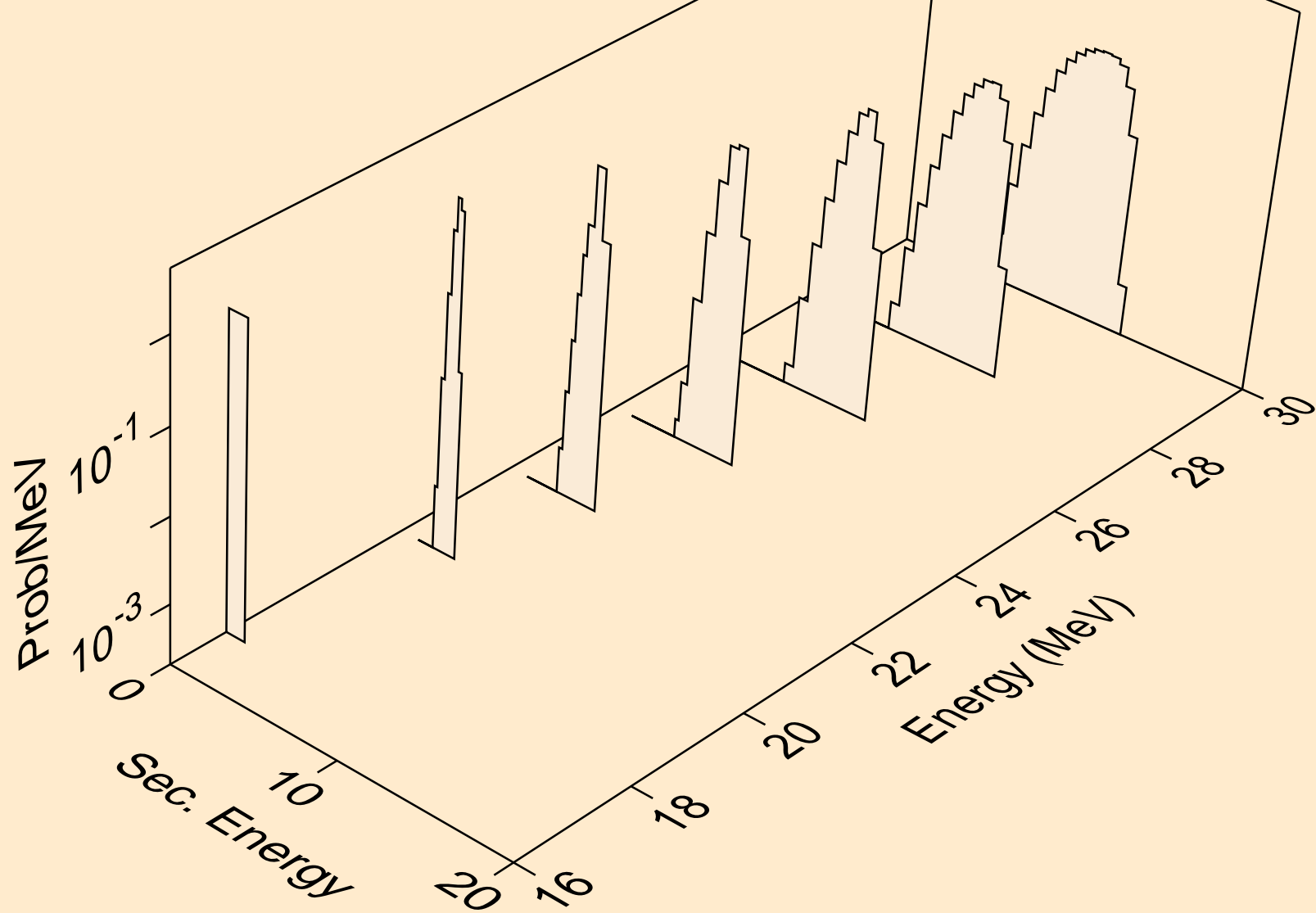




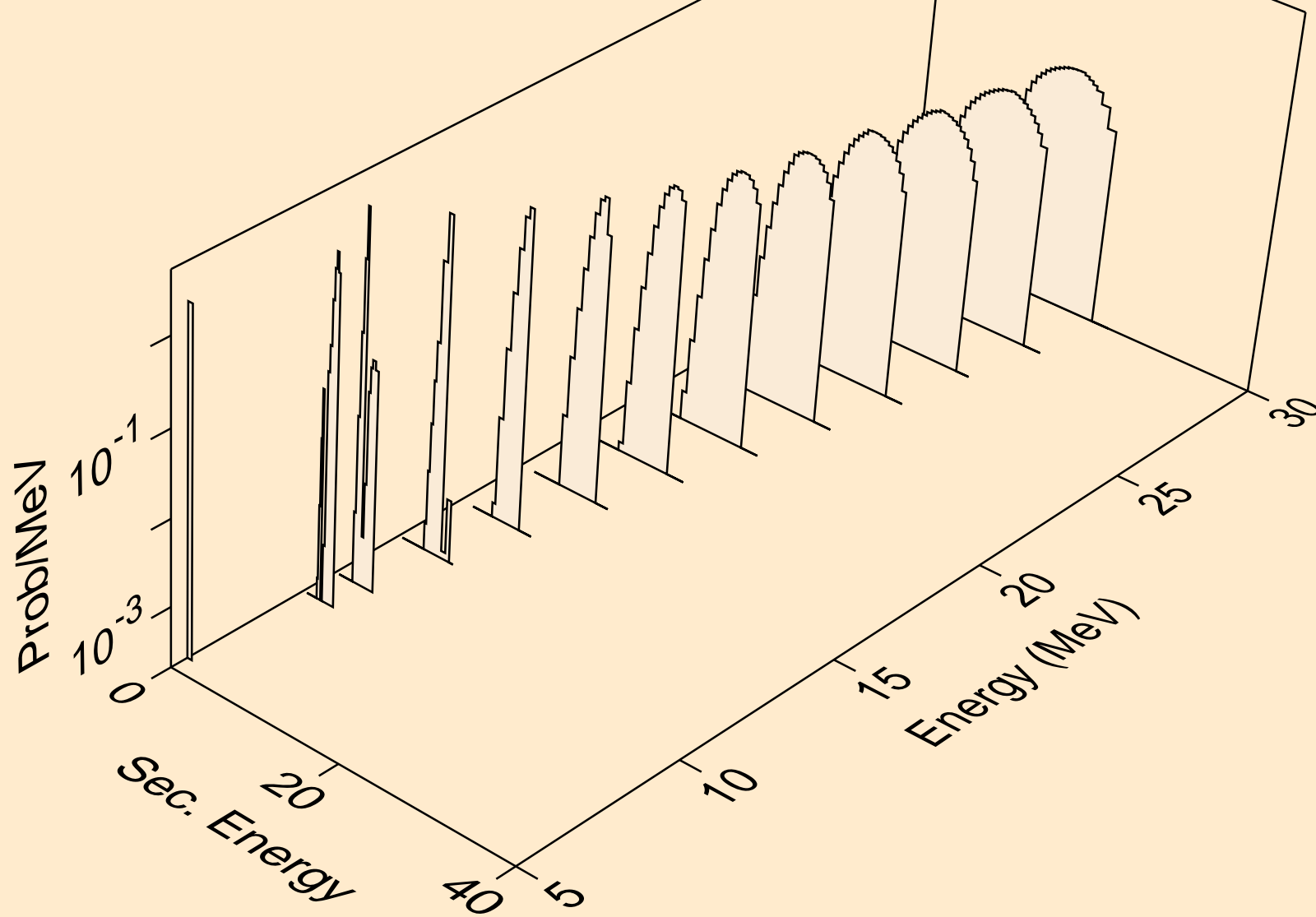
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tritons from (s,x)



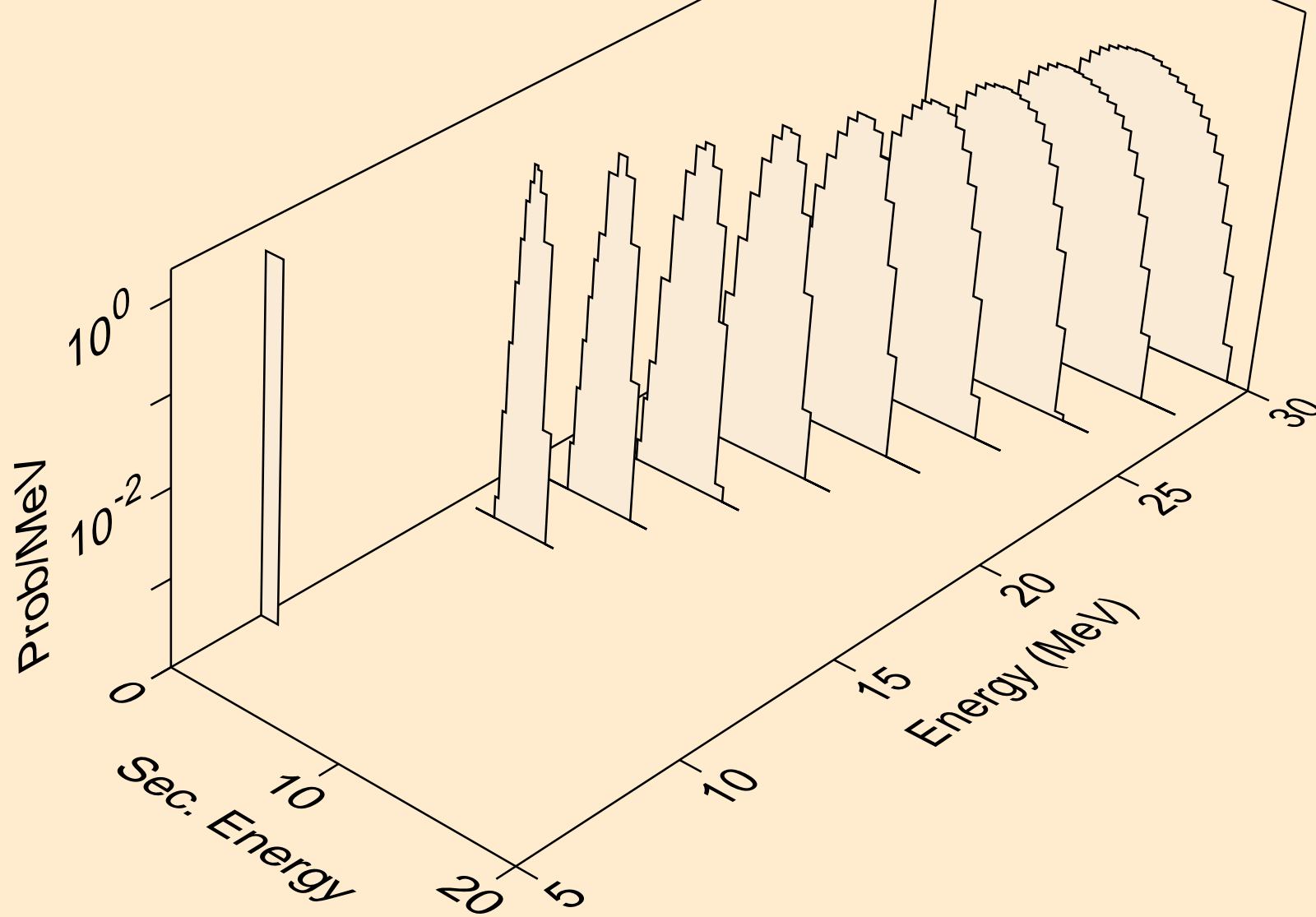
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



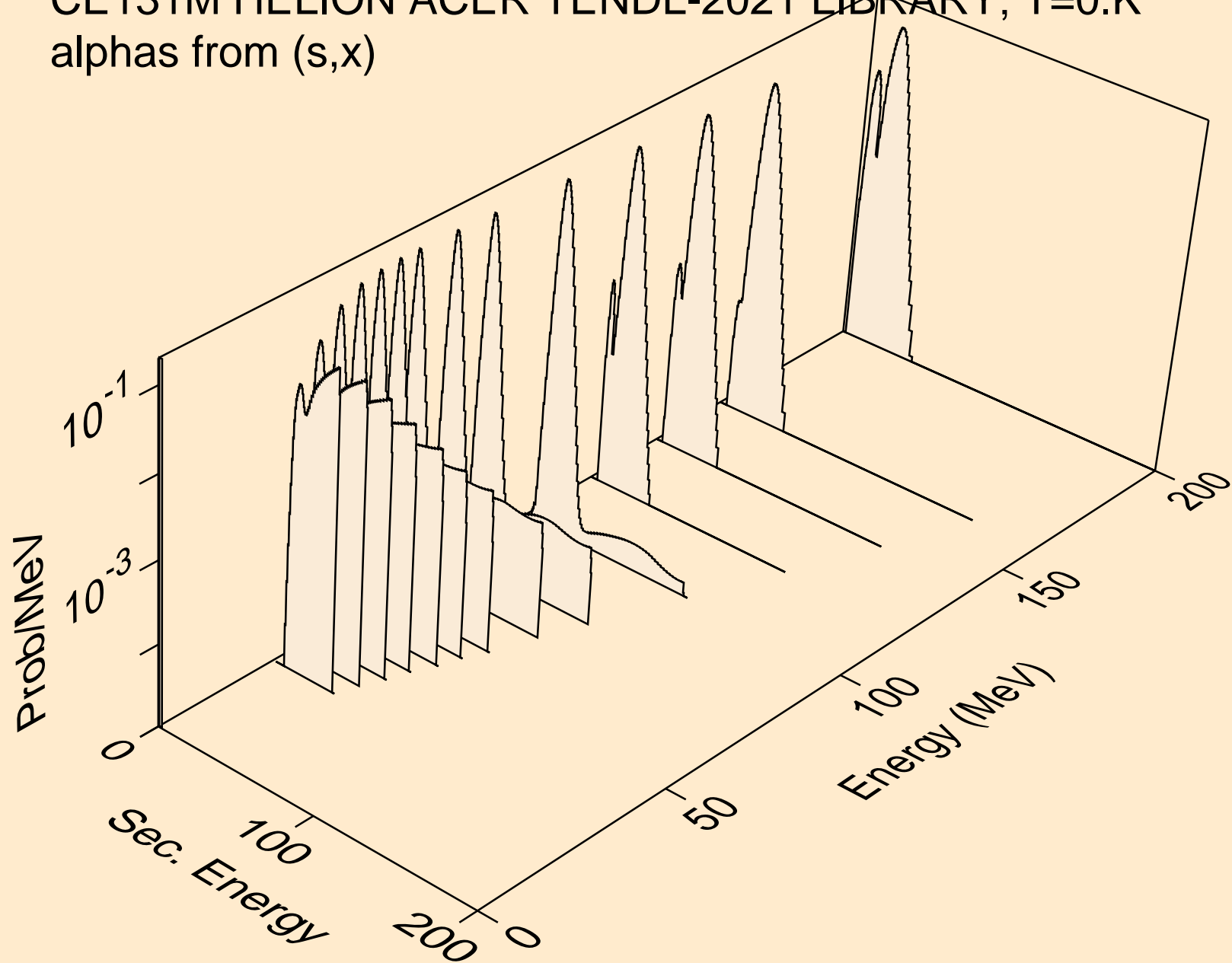
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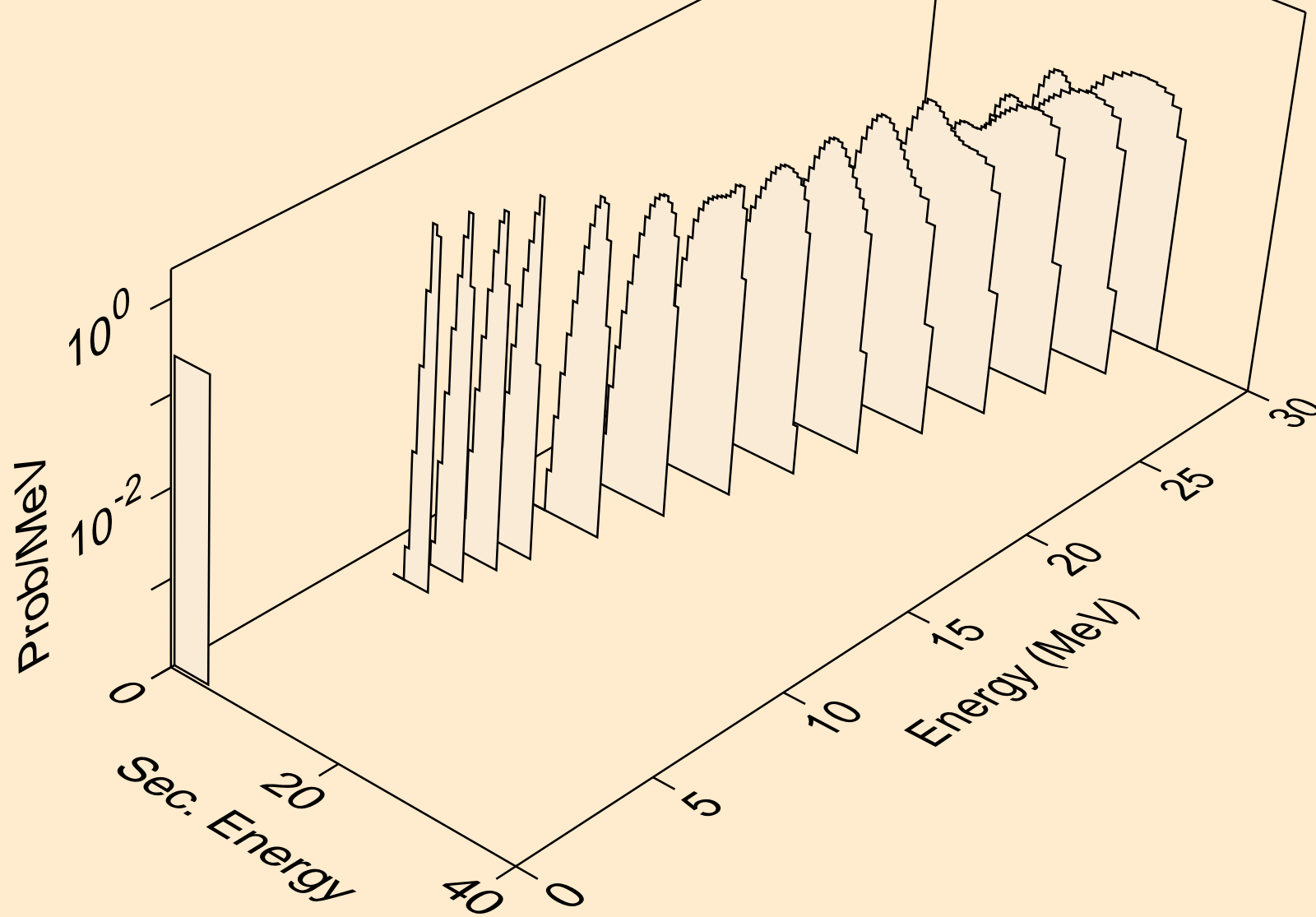
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tritons from (s,pt)



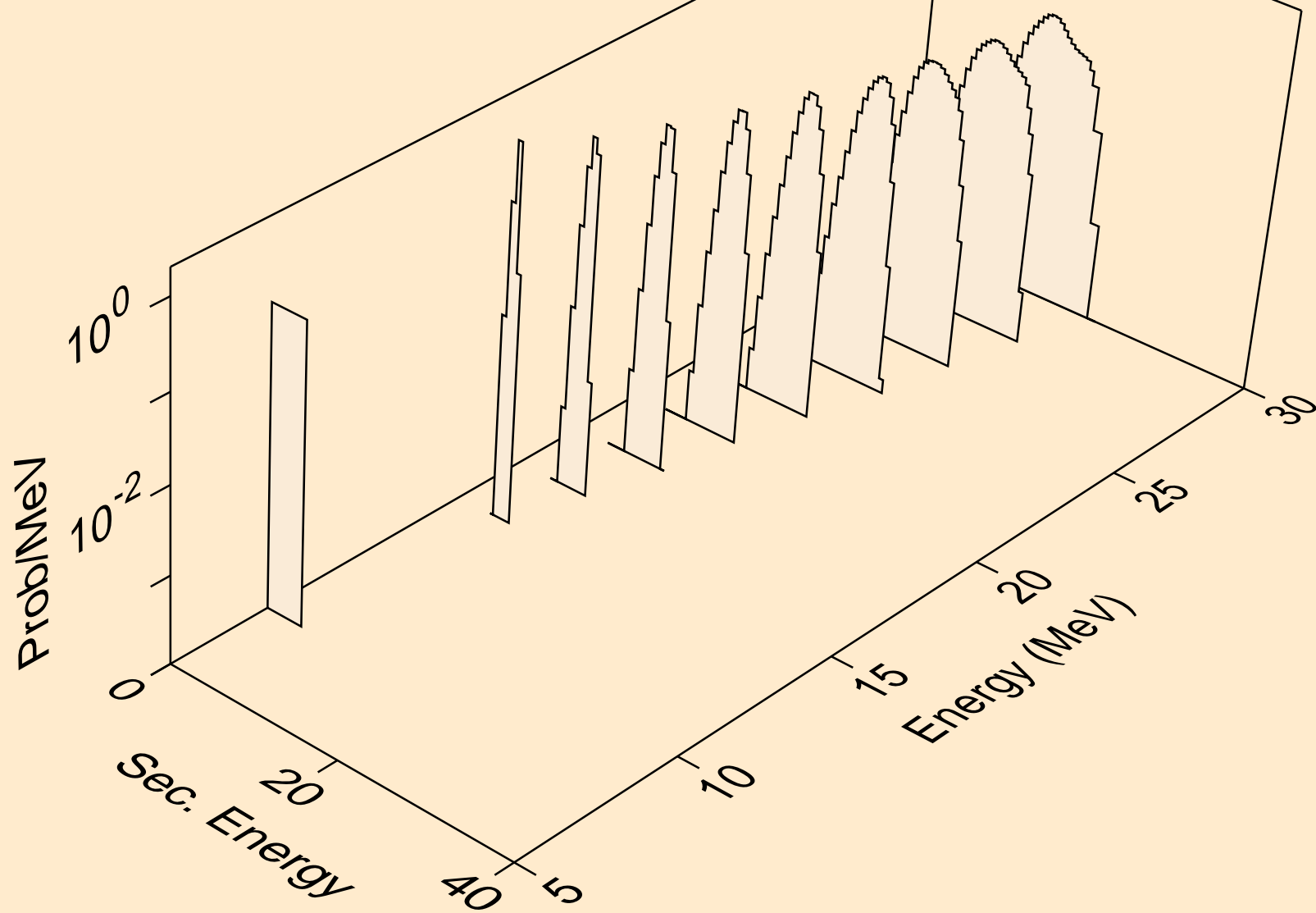
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



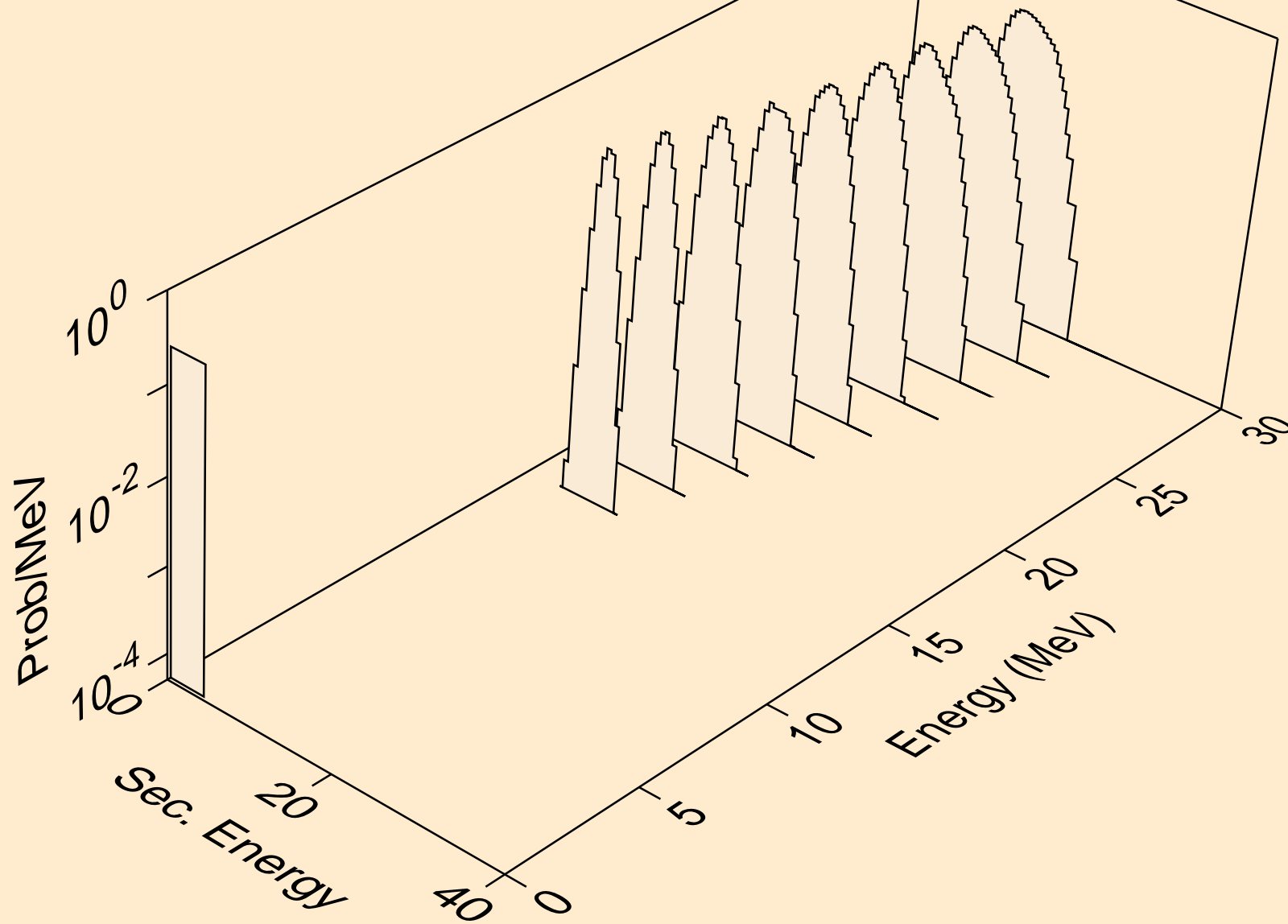
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a

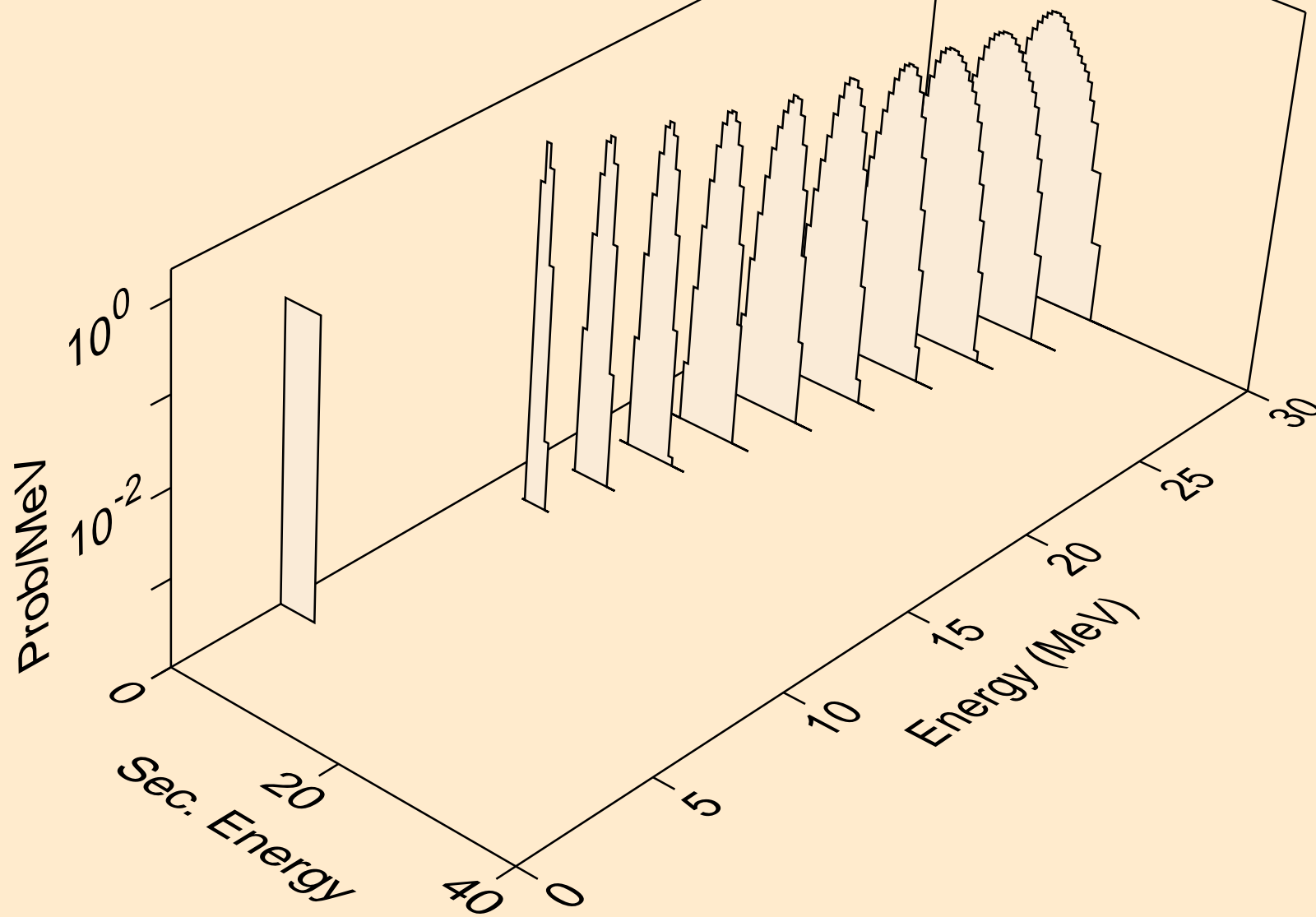


CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a

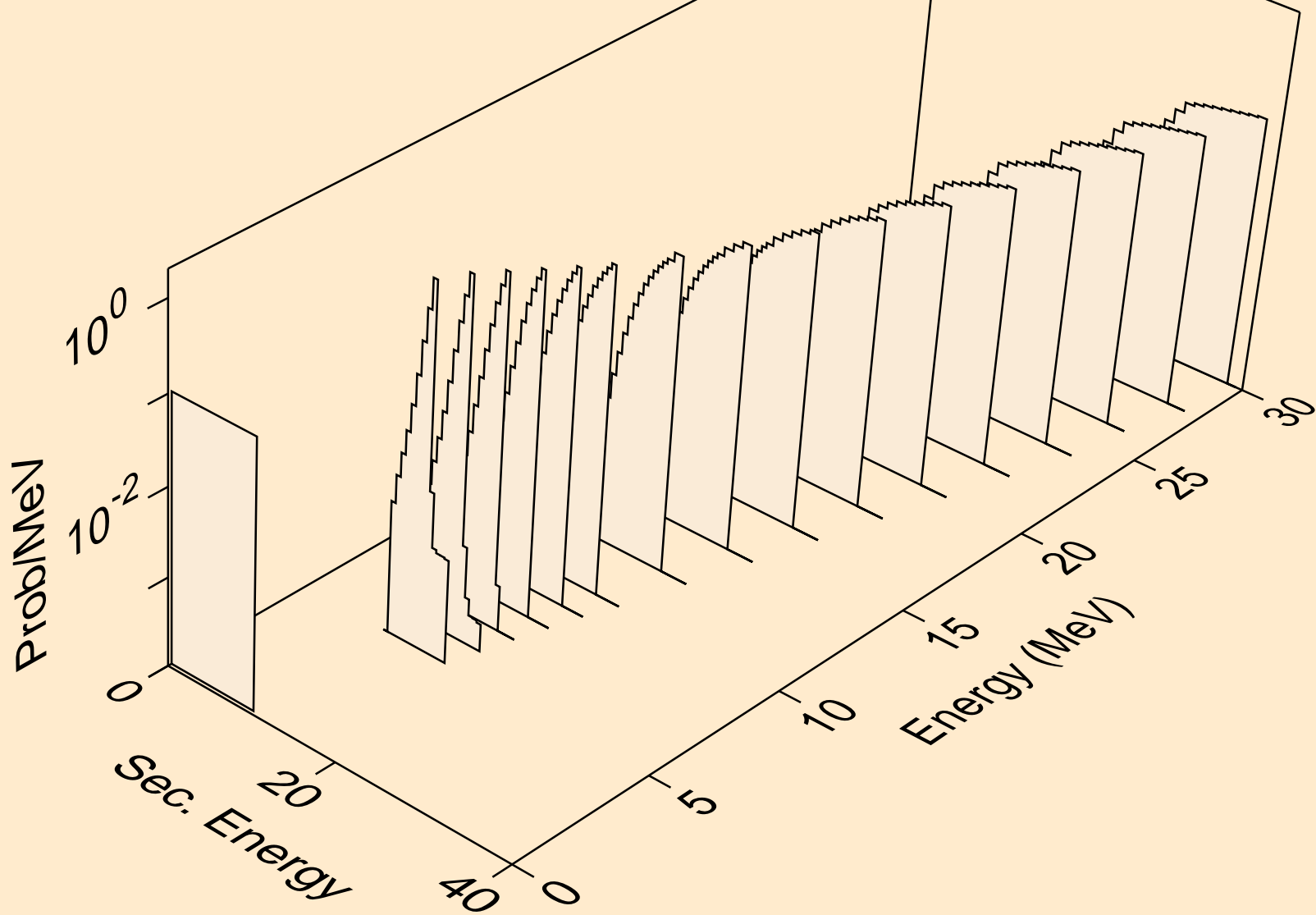




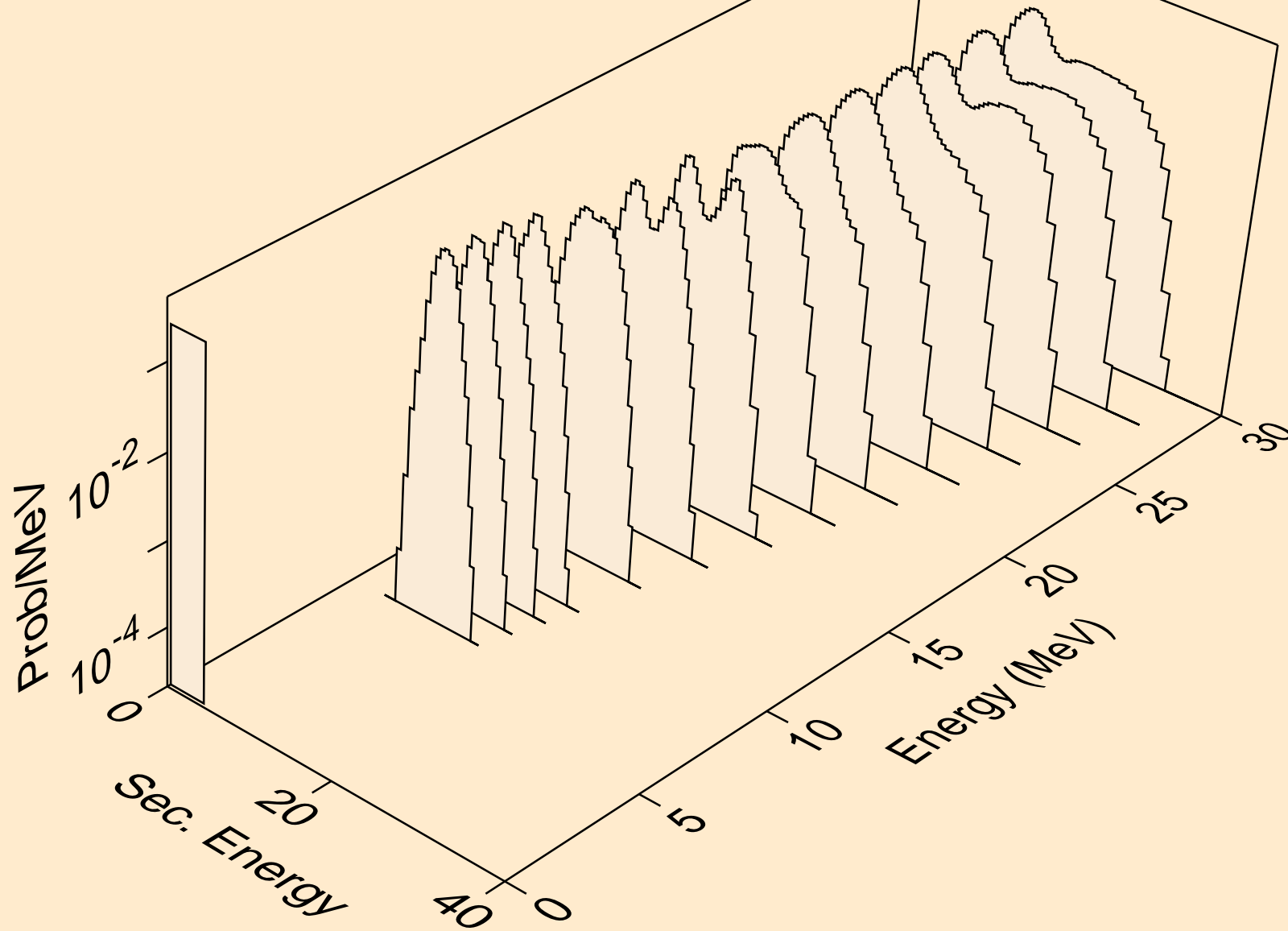
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alphas from (s,npa)



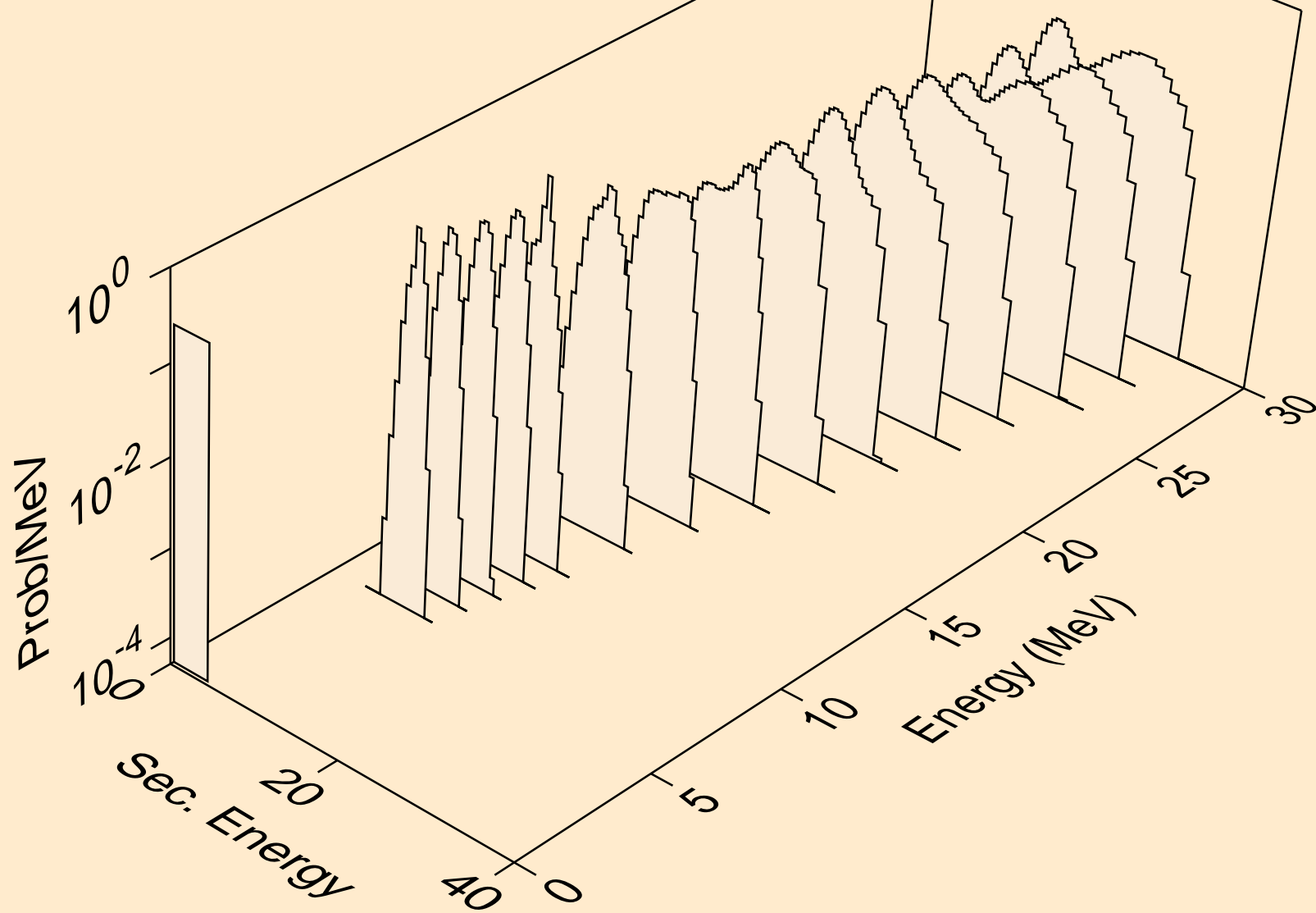
CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



CE131M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

