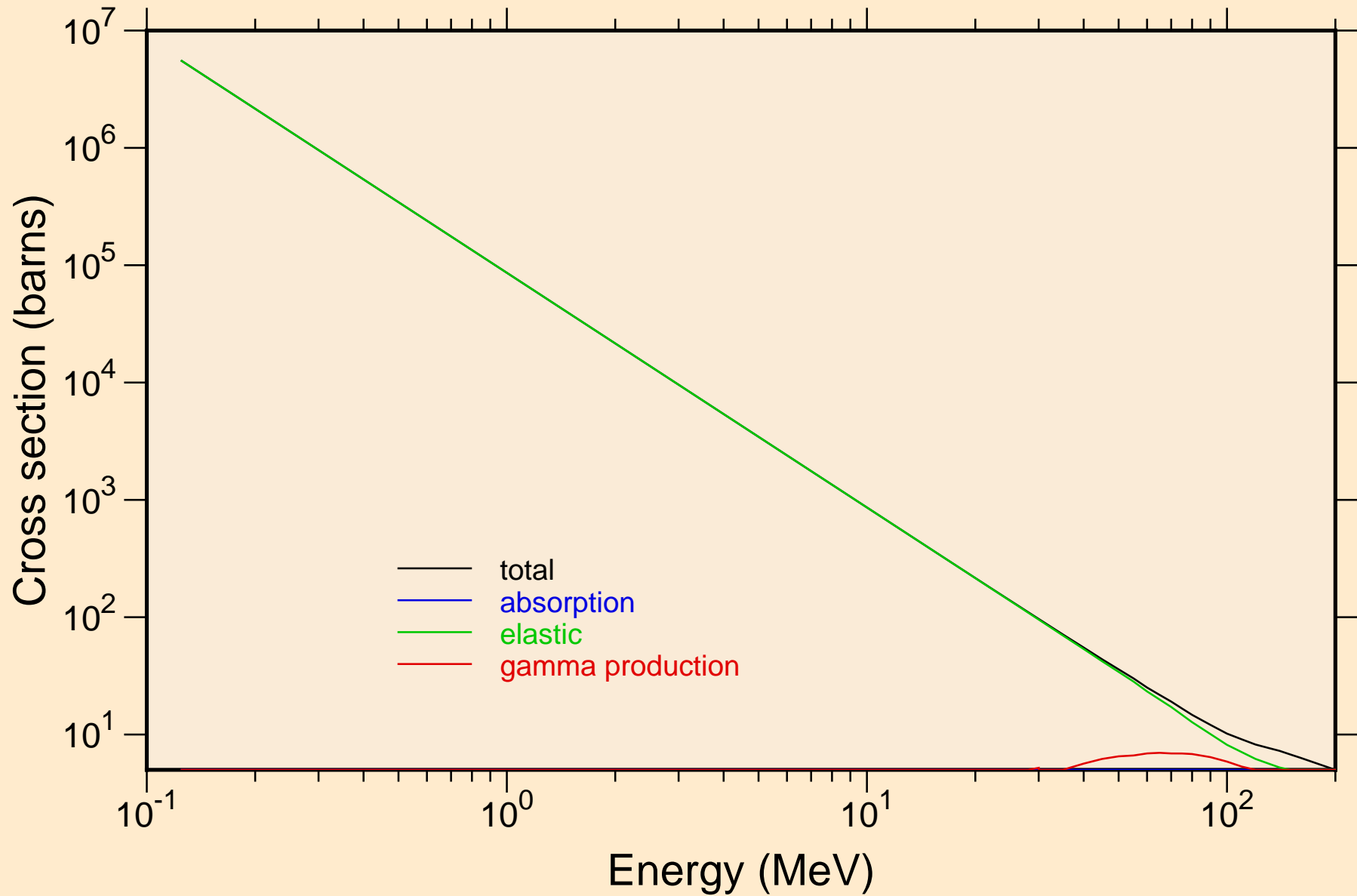
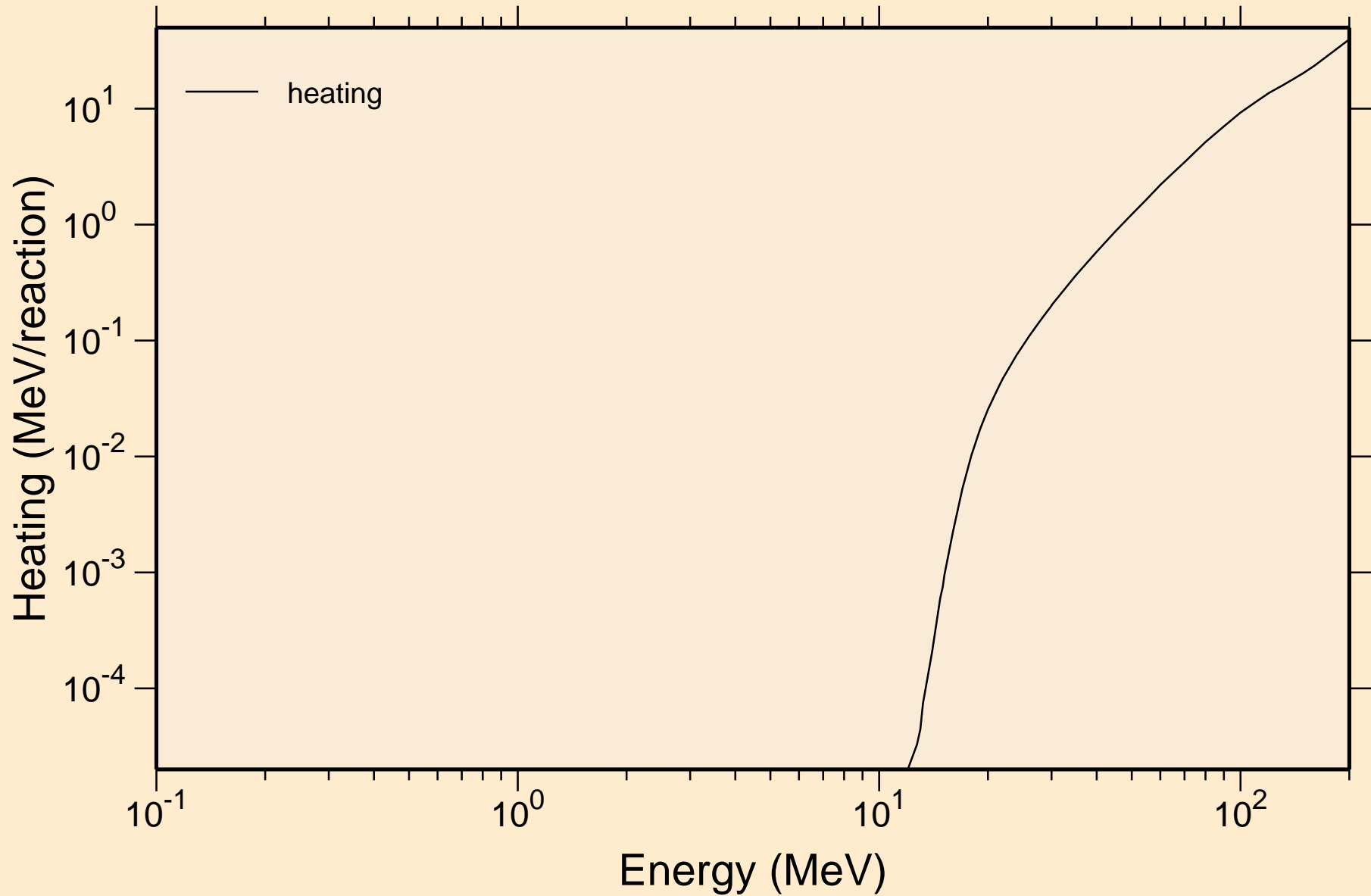


CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



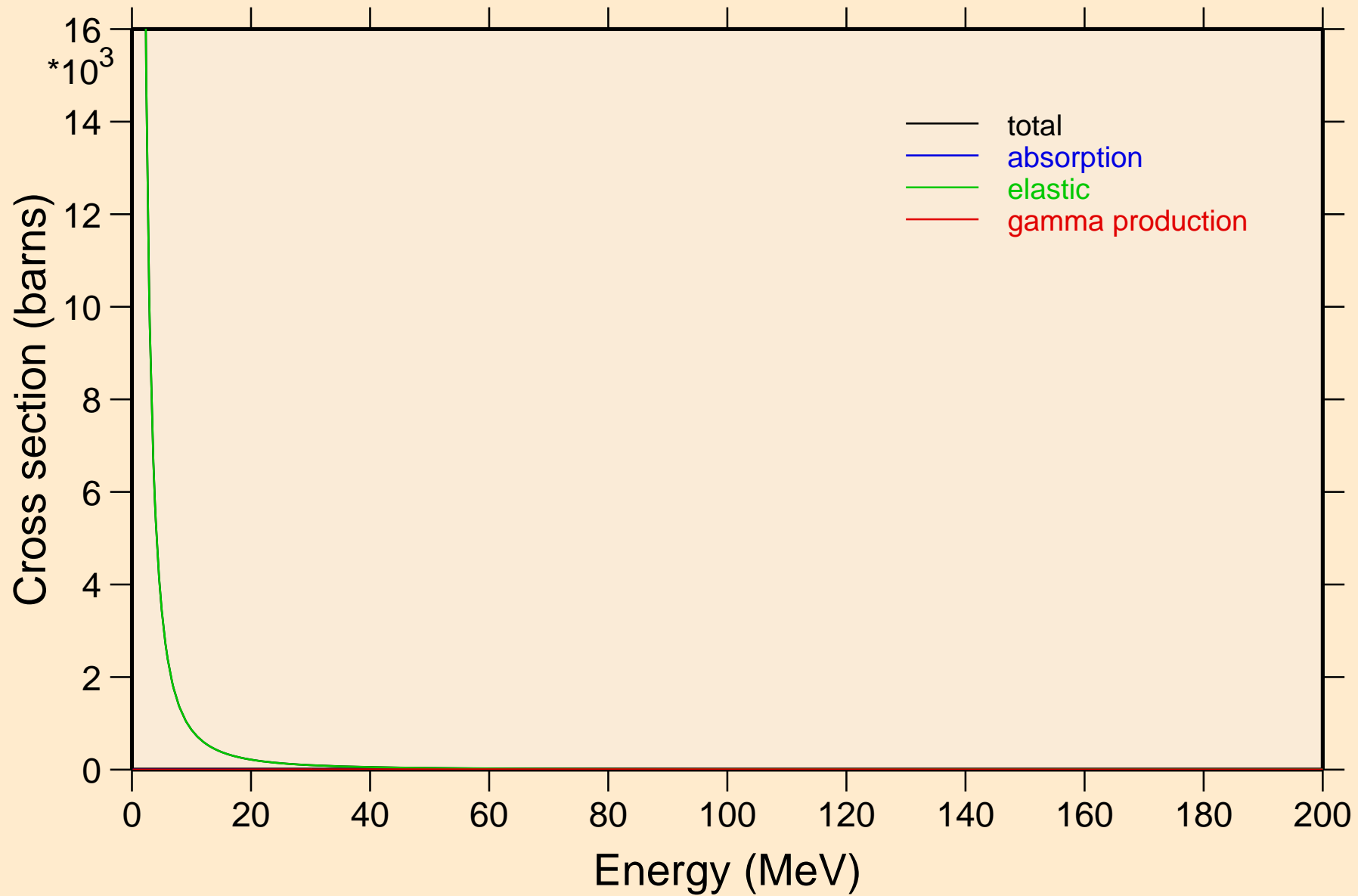
# CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



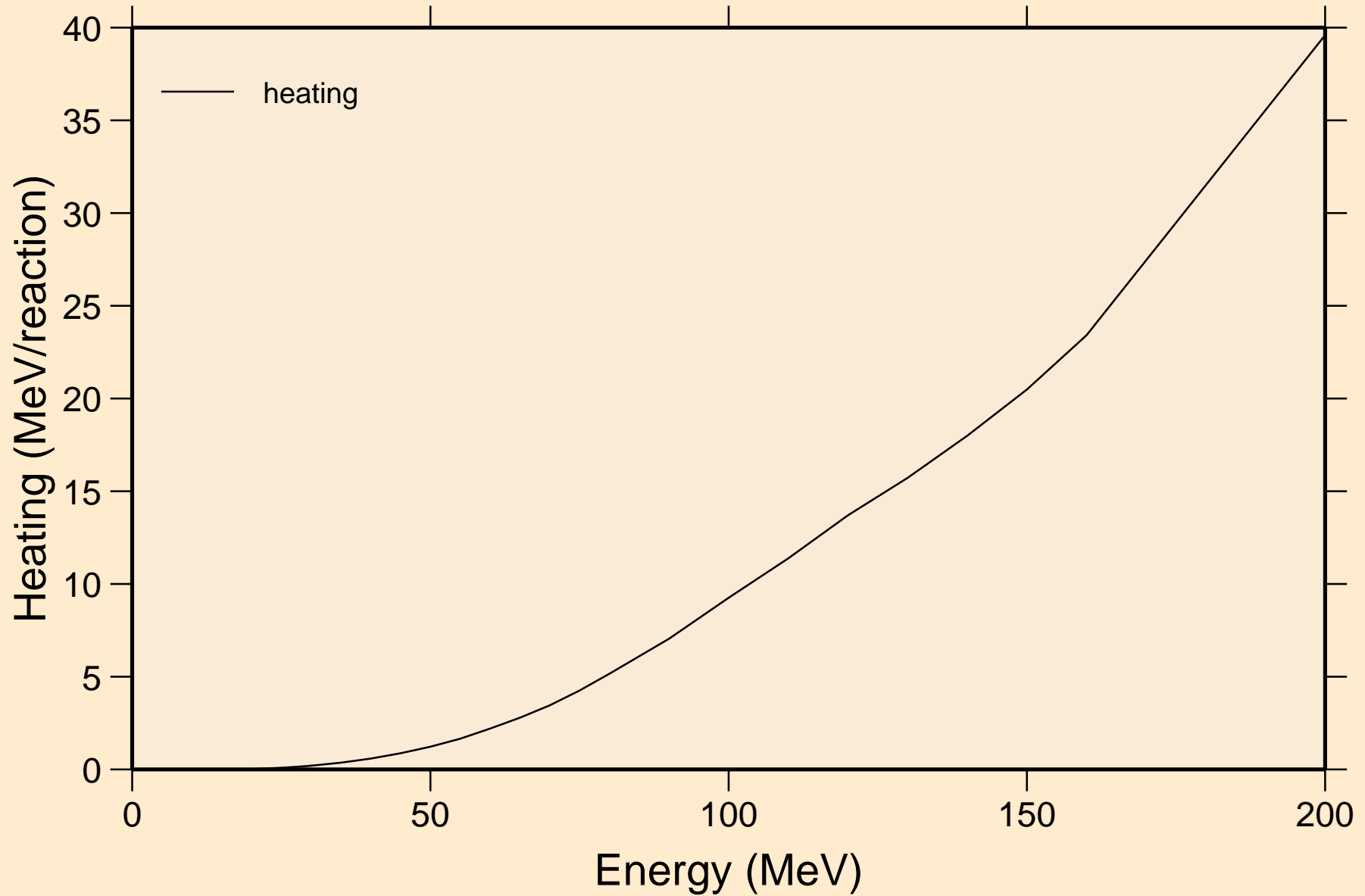
# CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



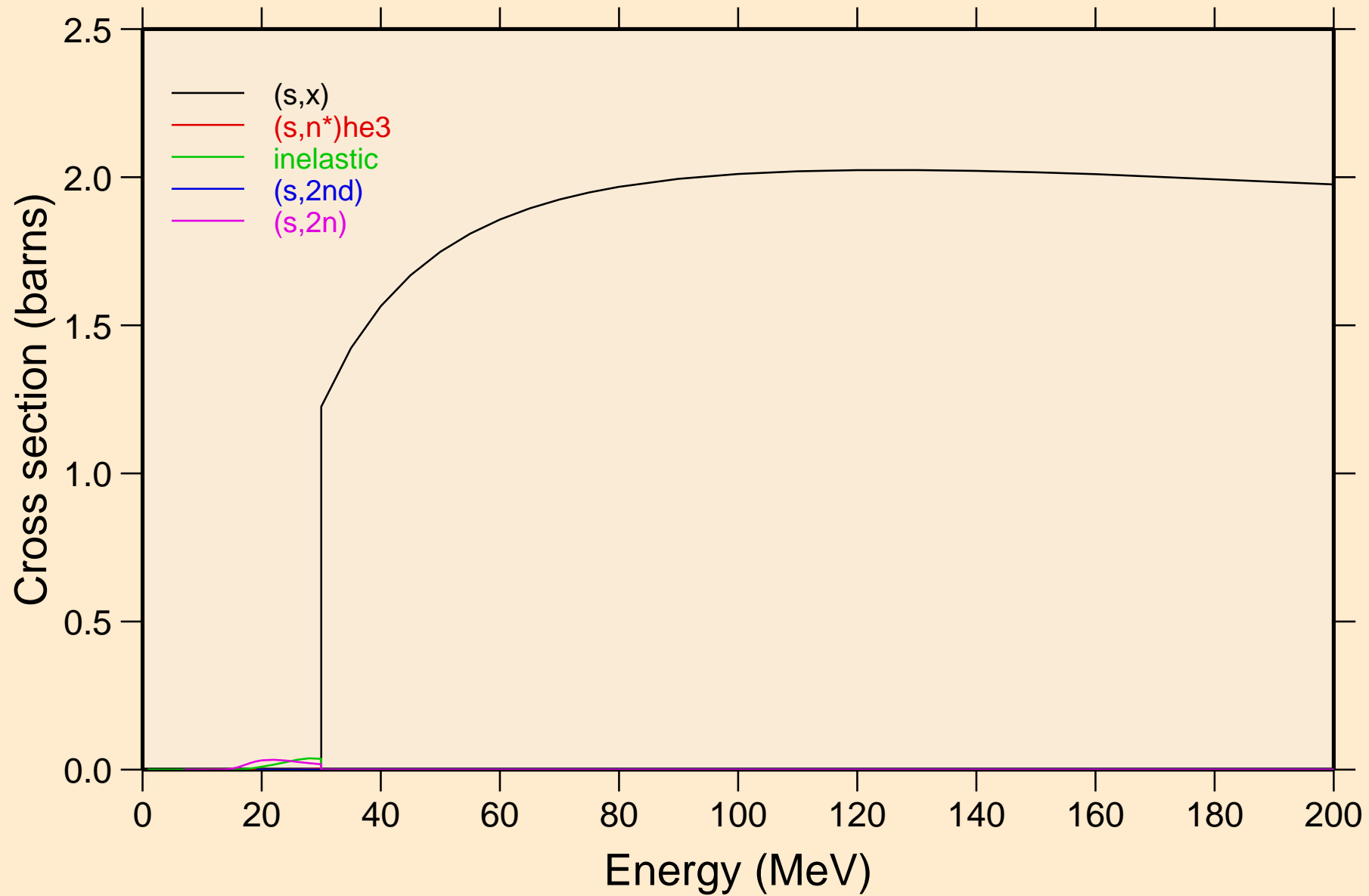
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



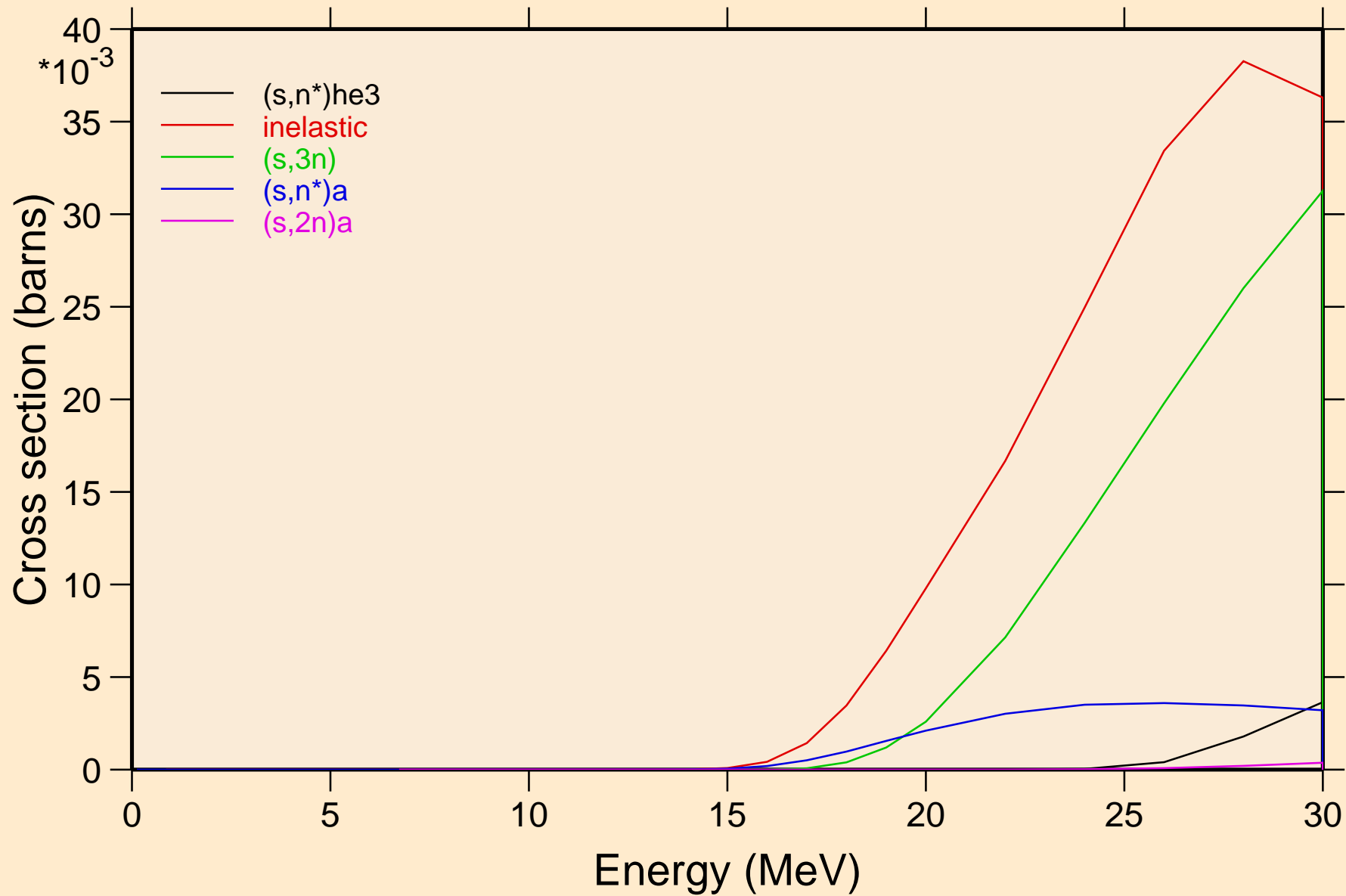
# CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

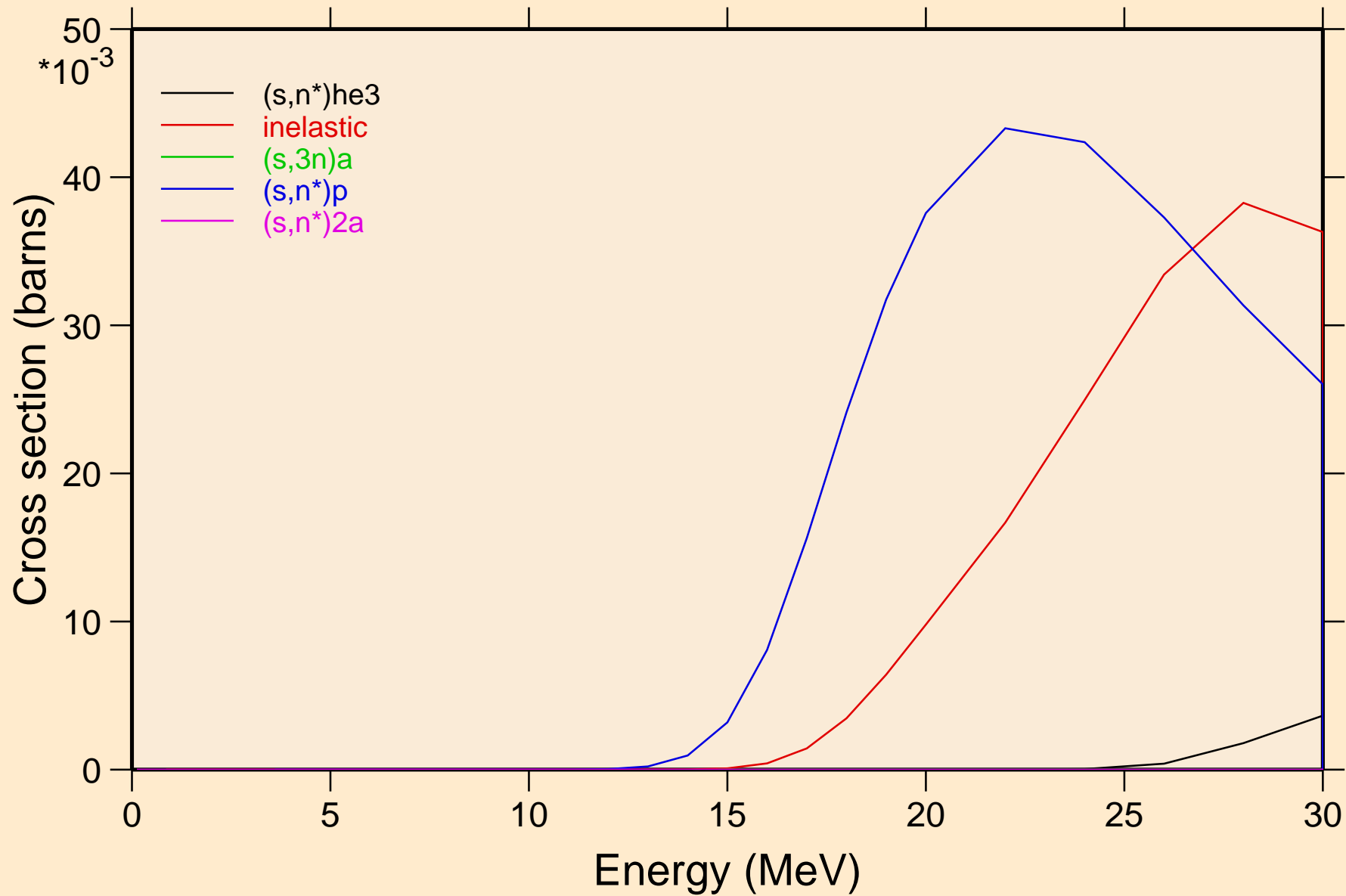


# CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K

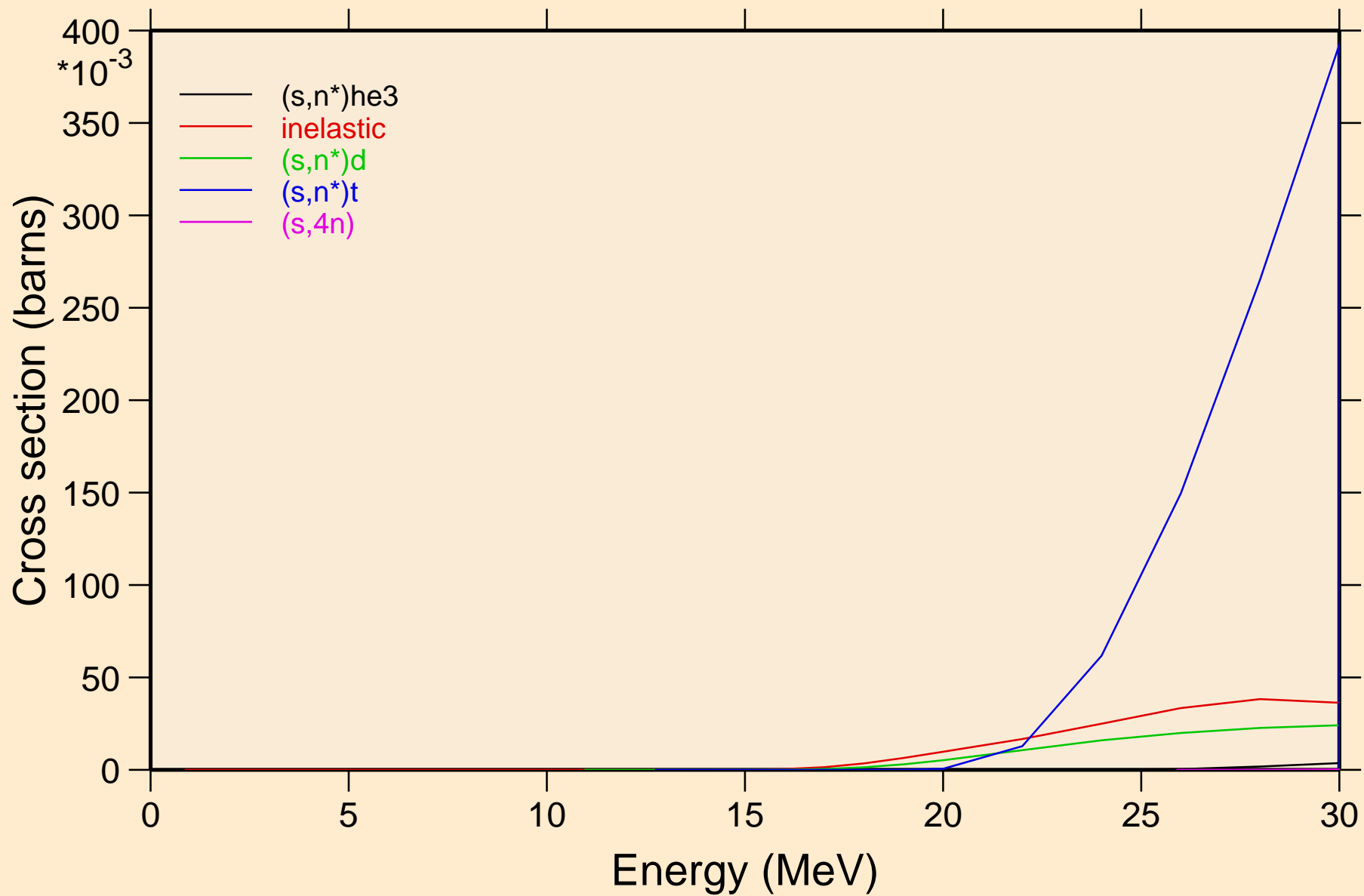
## Threshold reactions



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



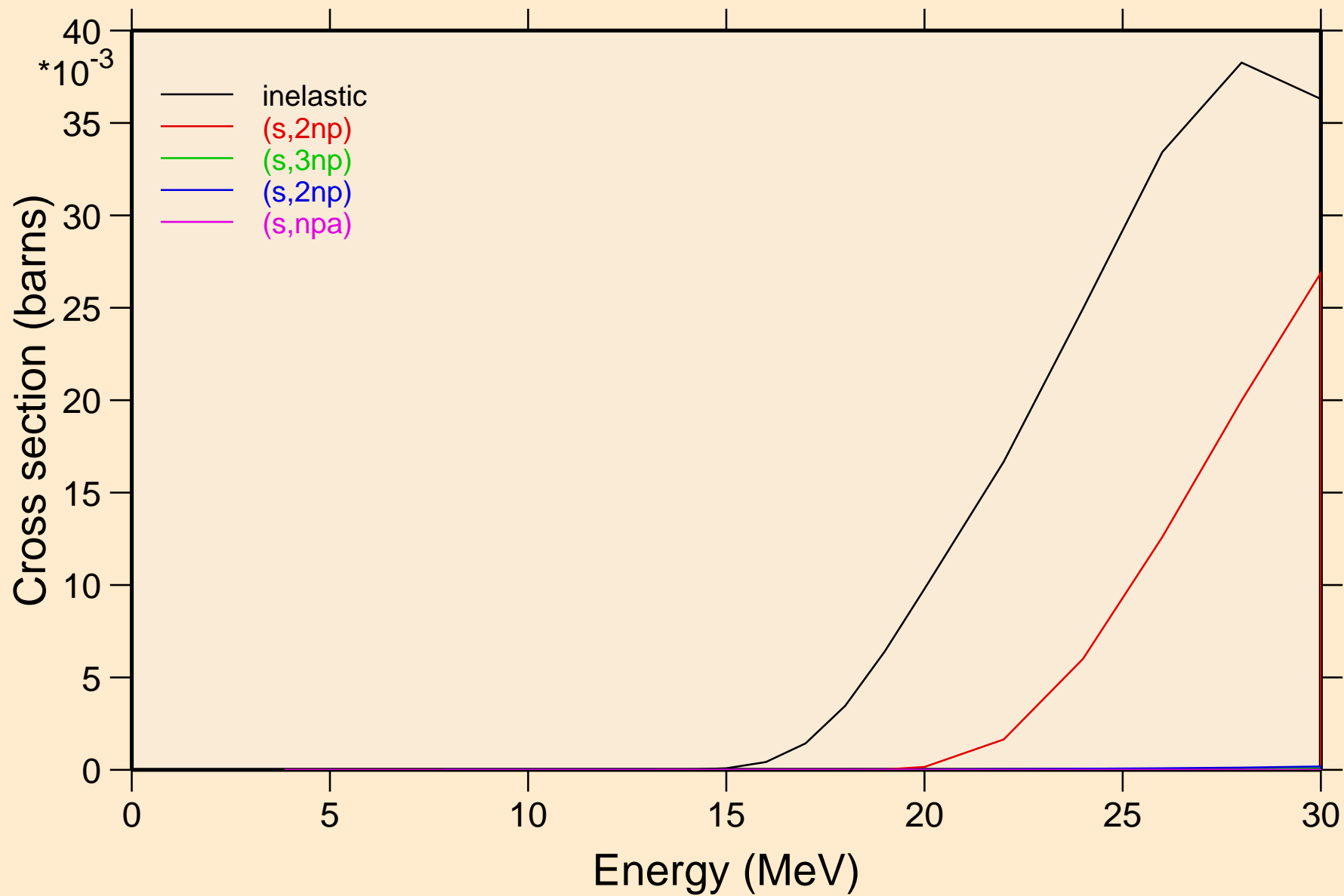
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



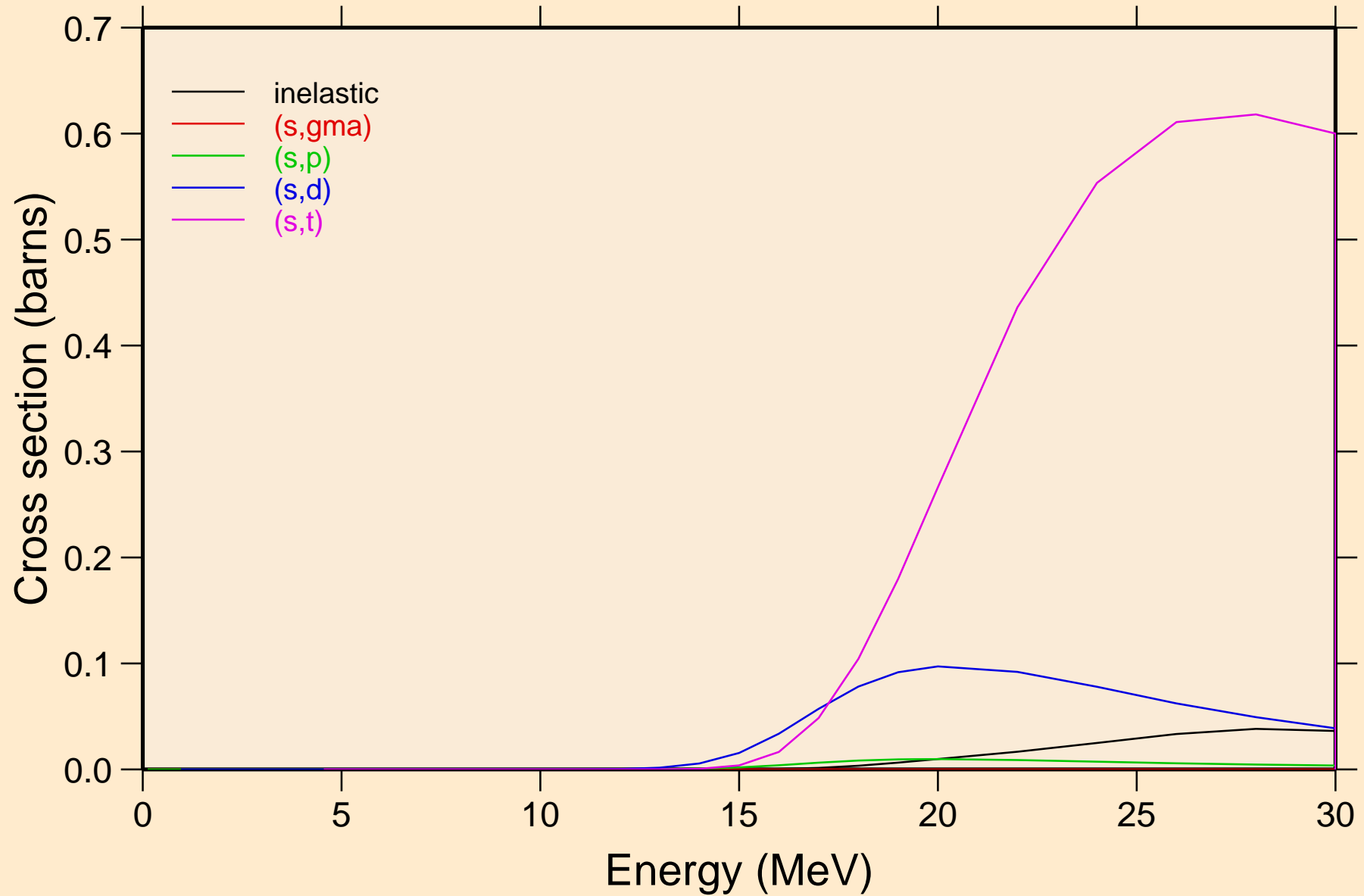


# CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

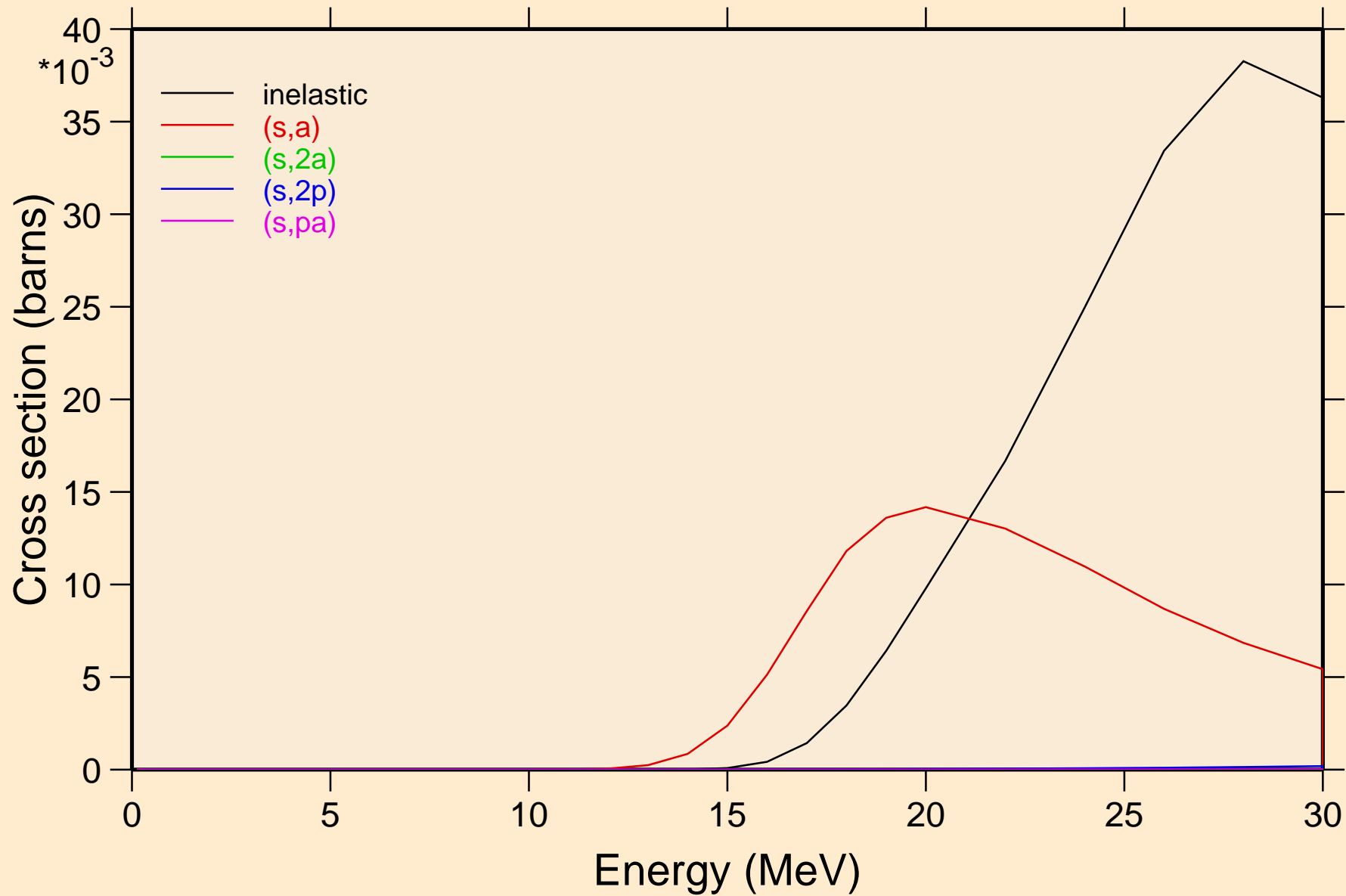


CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

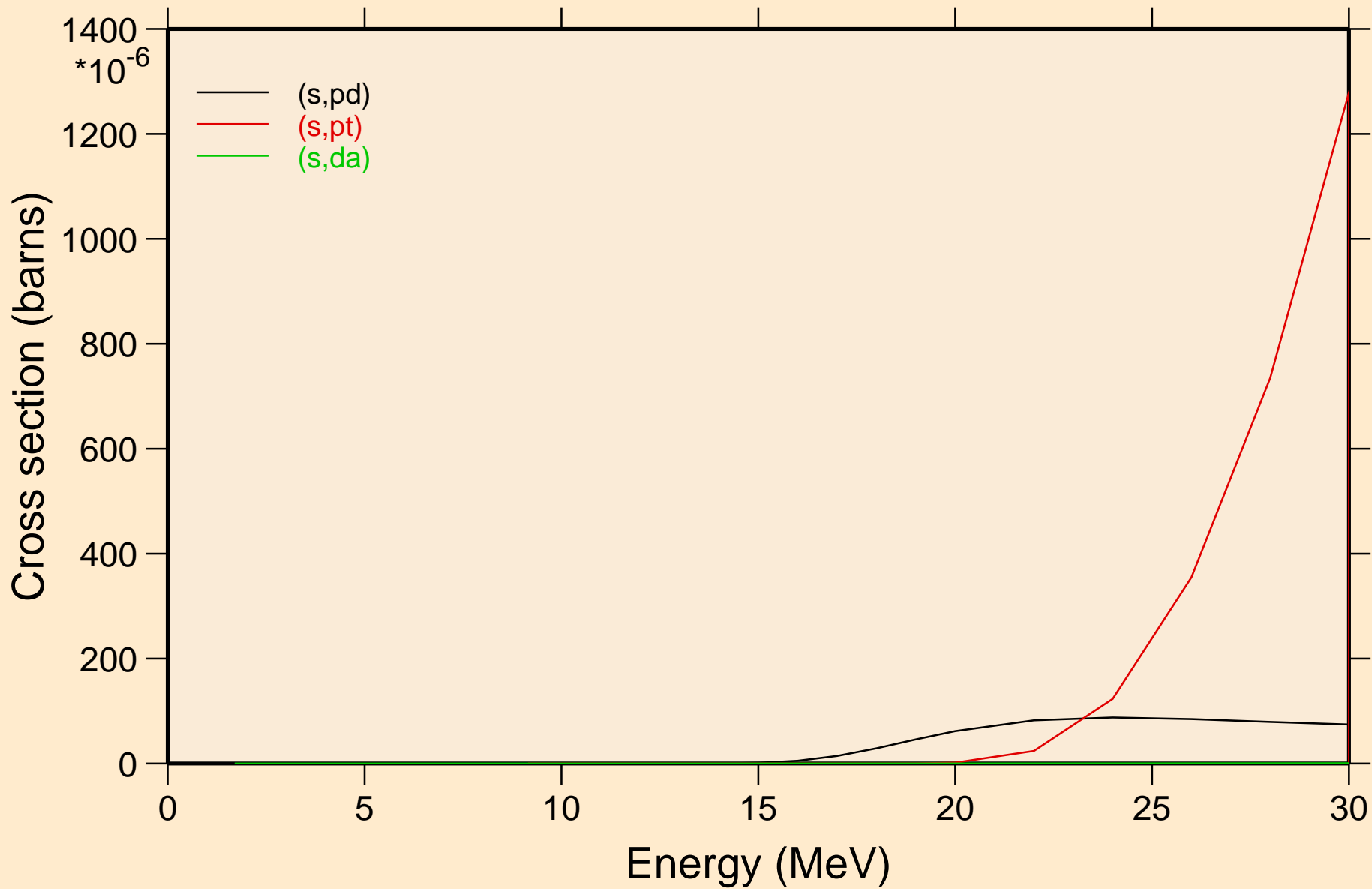


# CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K

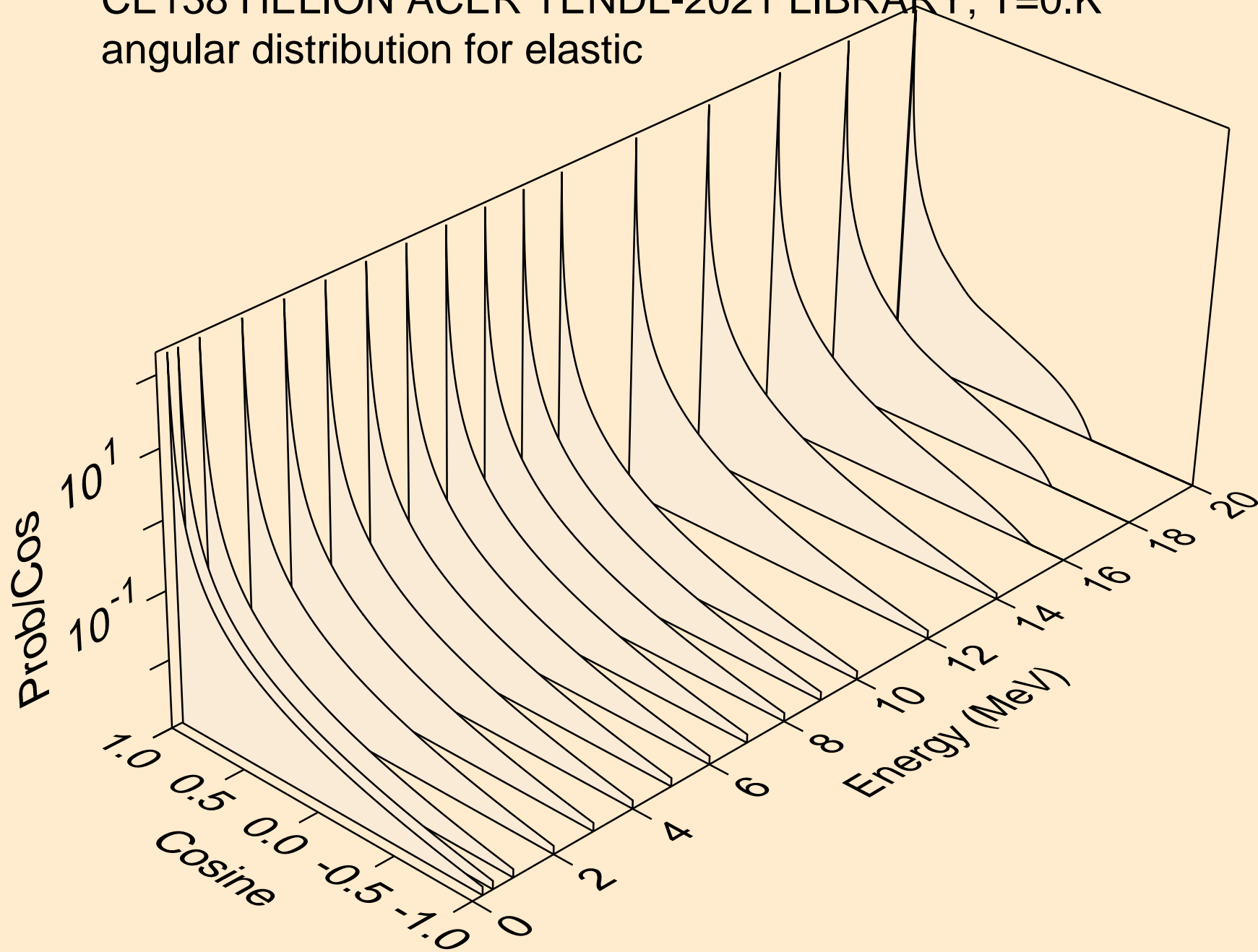
## Threshold reactions



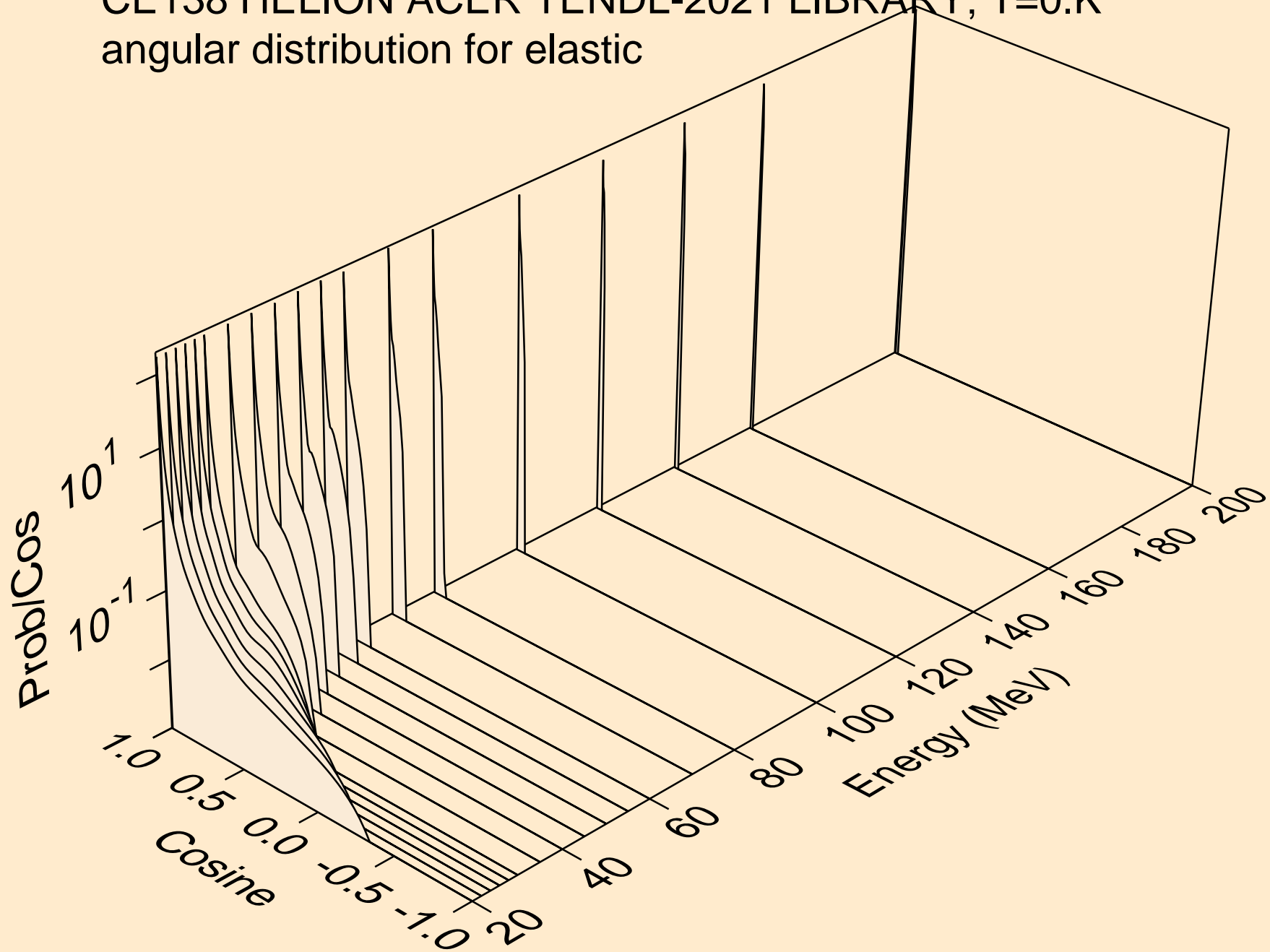
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



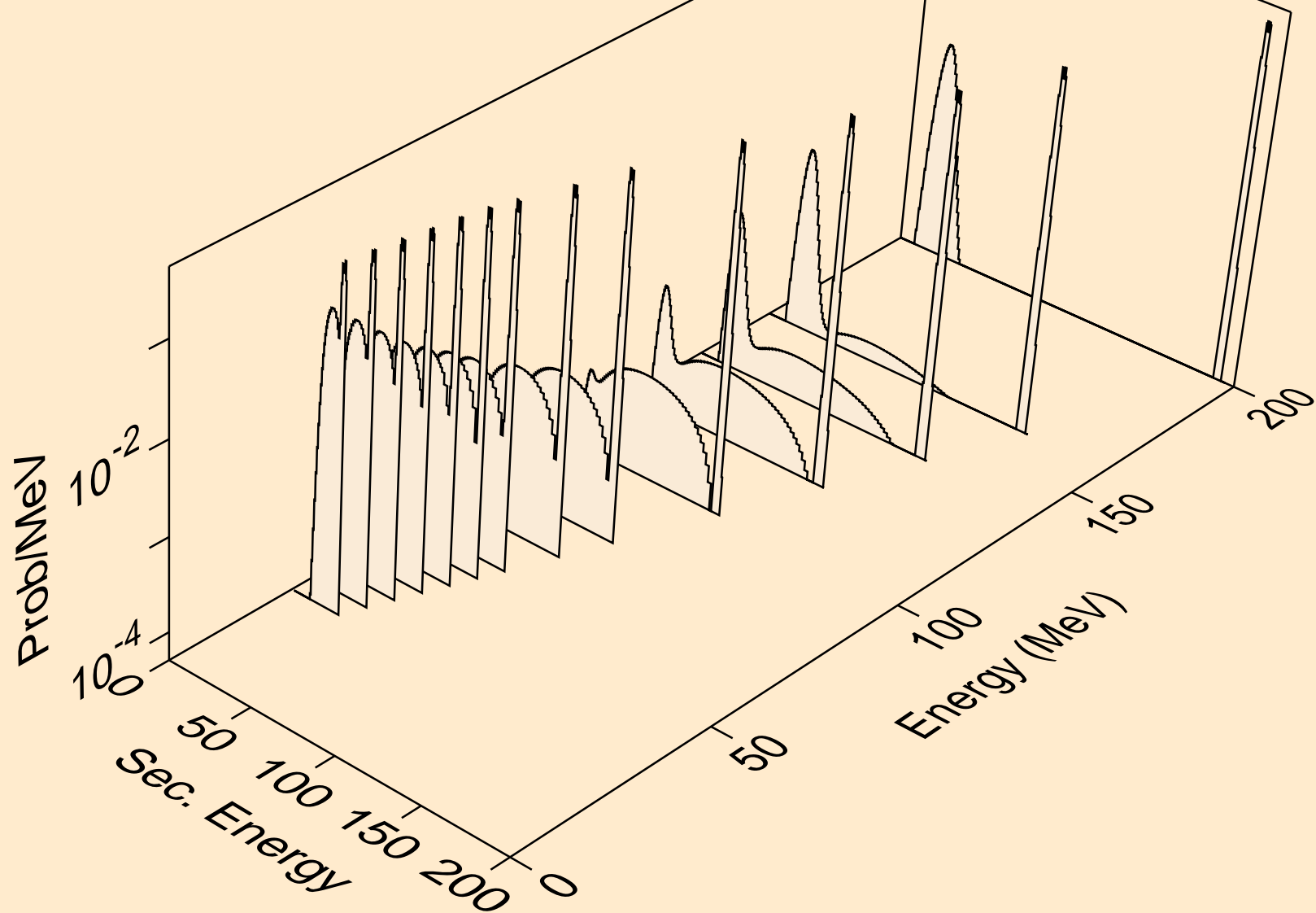
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



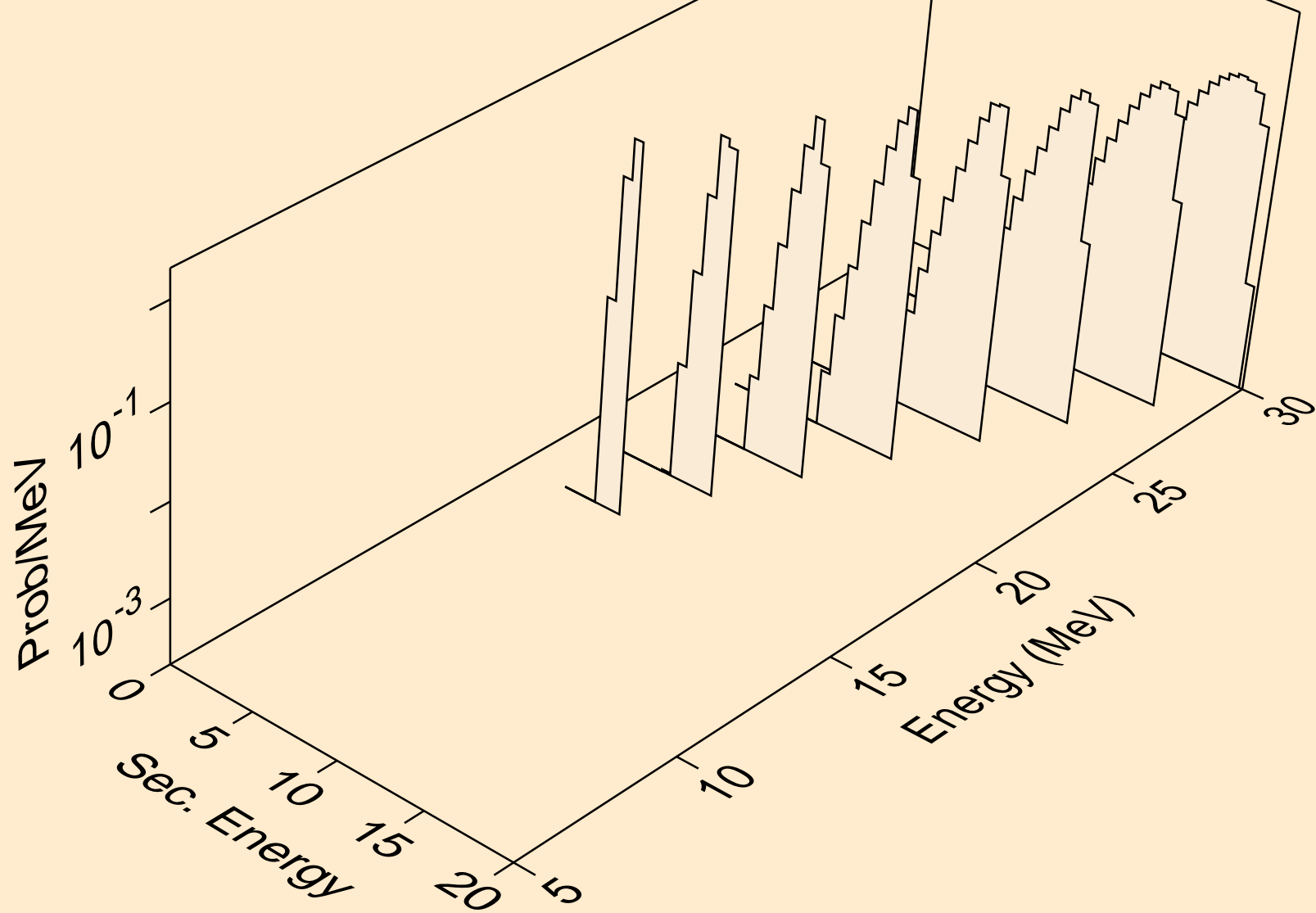
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

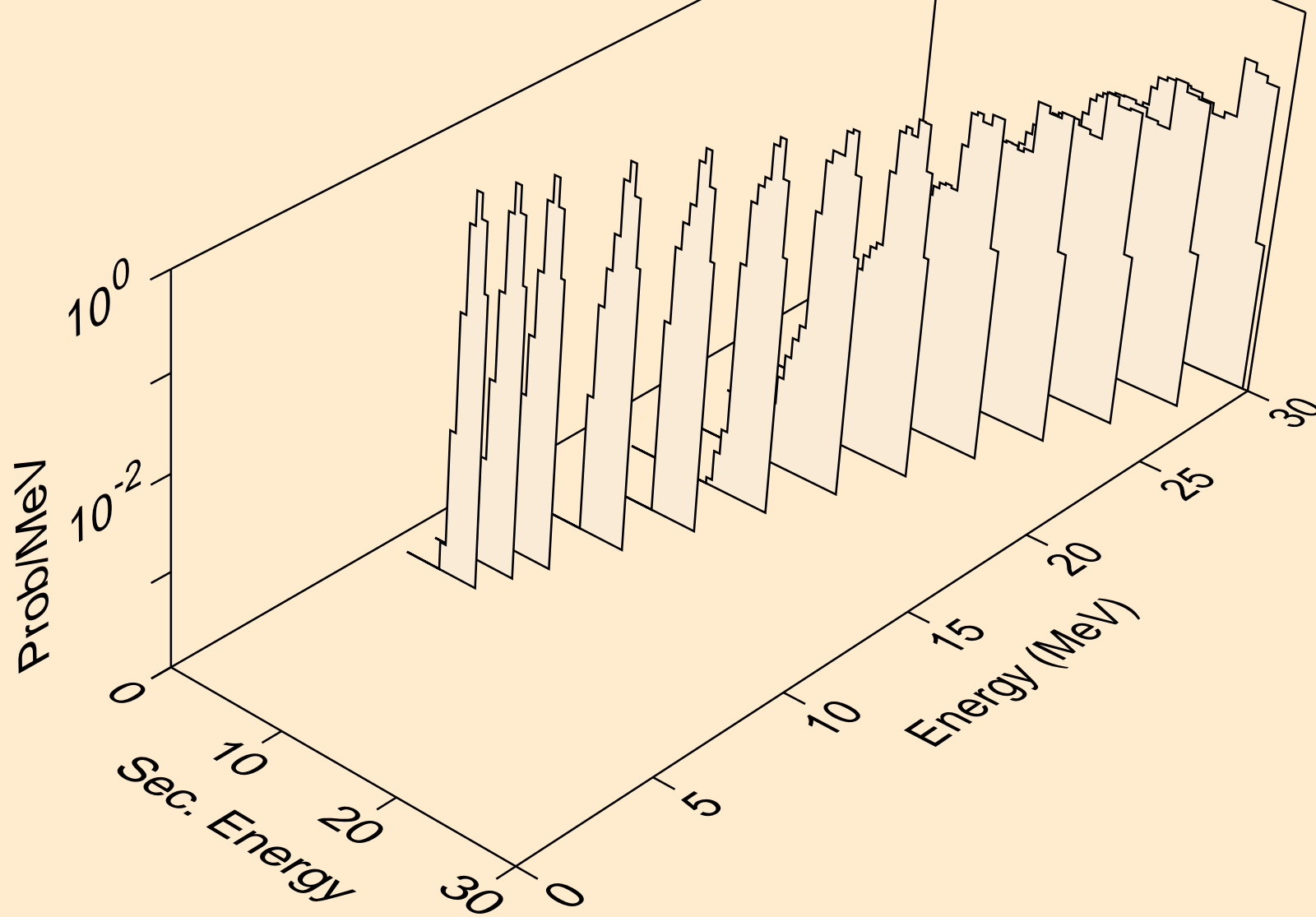


CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

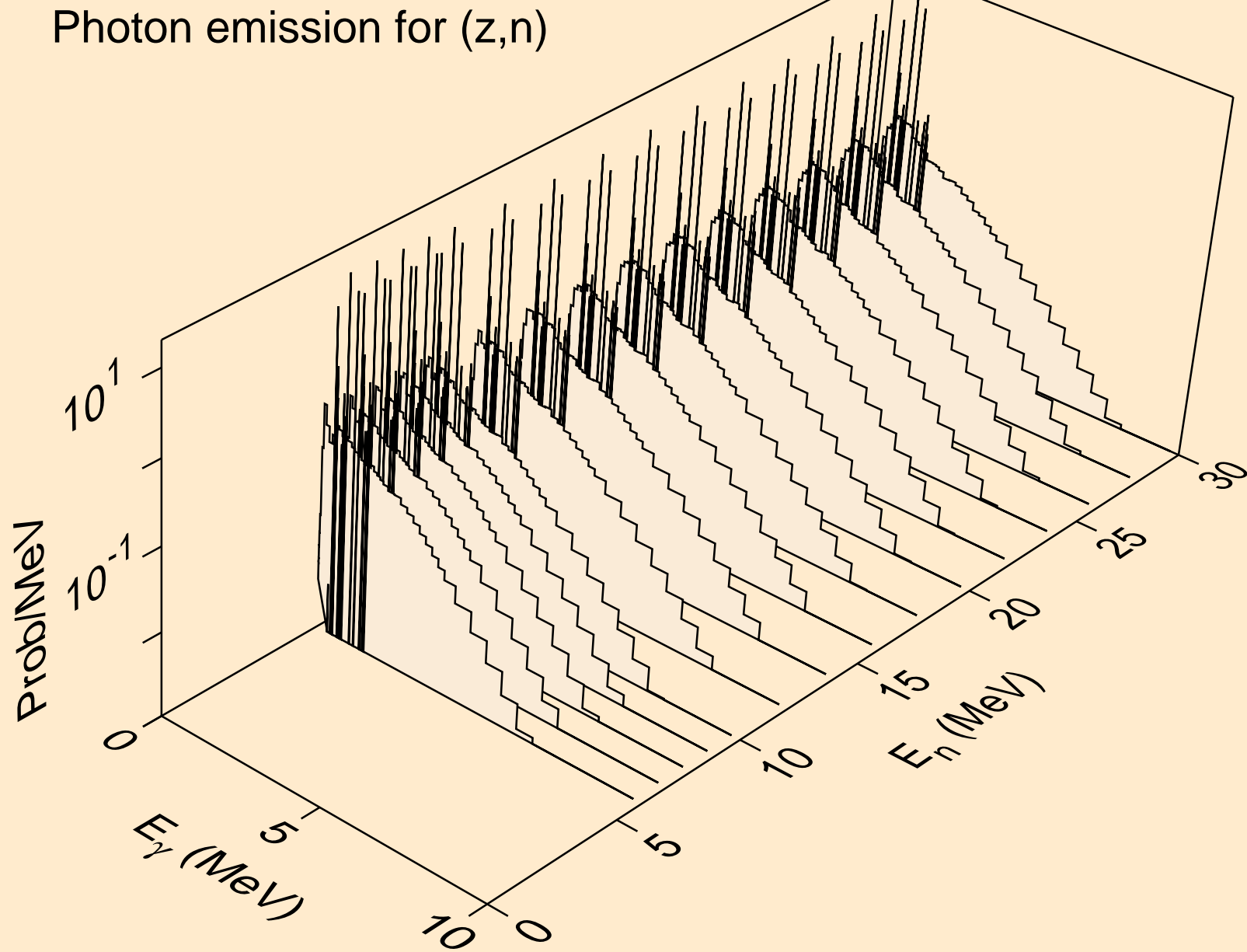




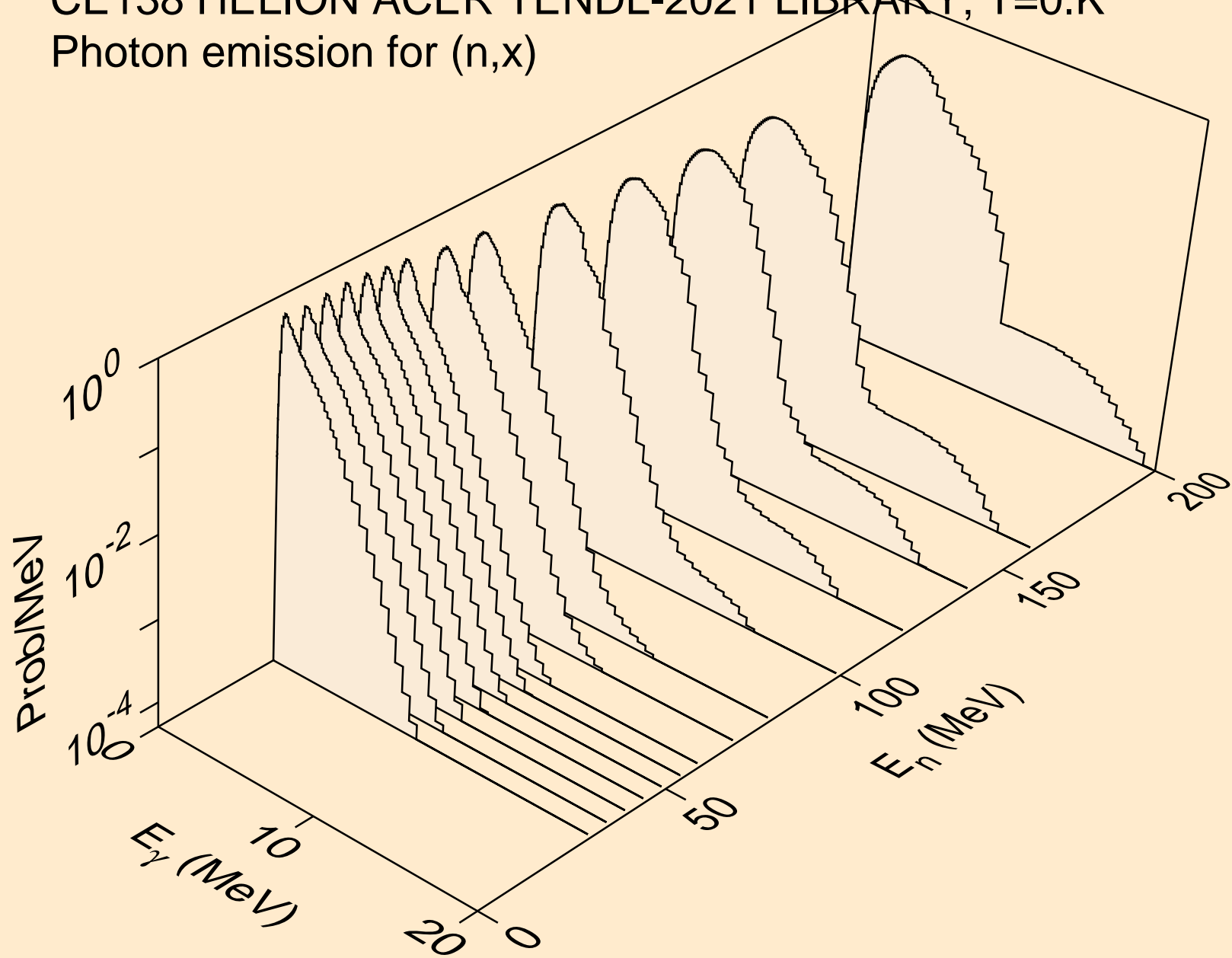
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



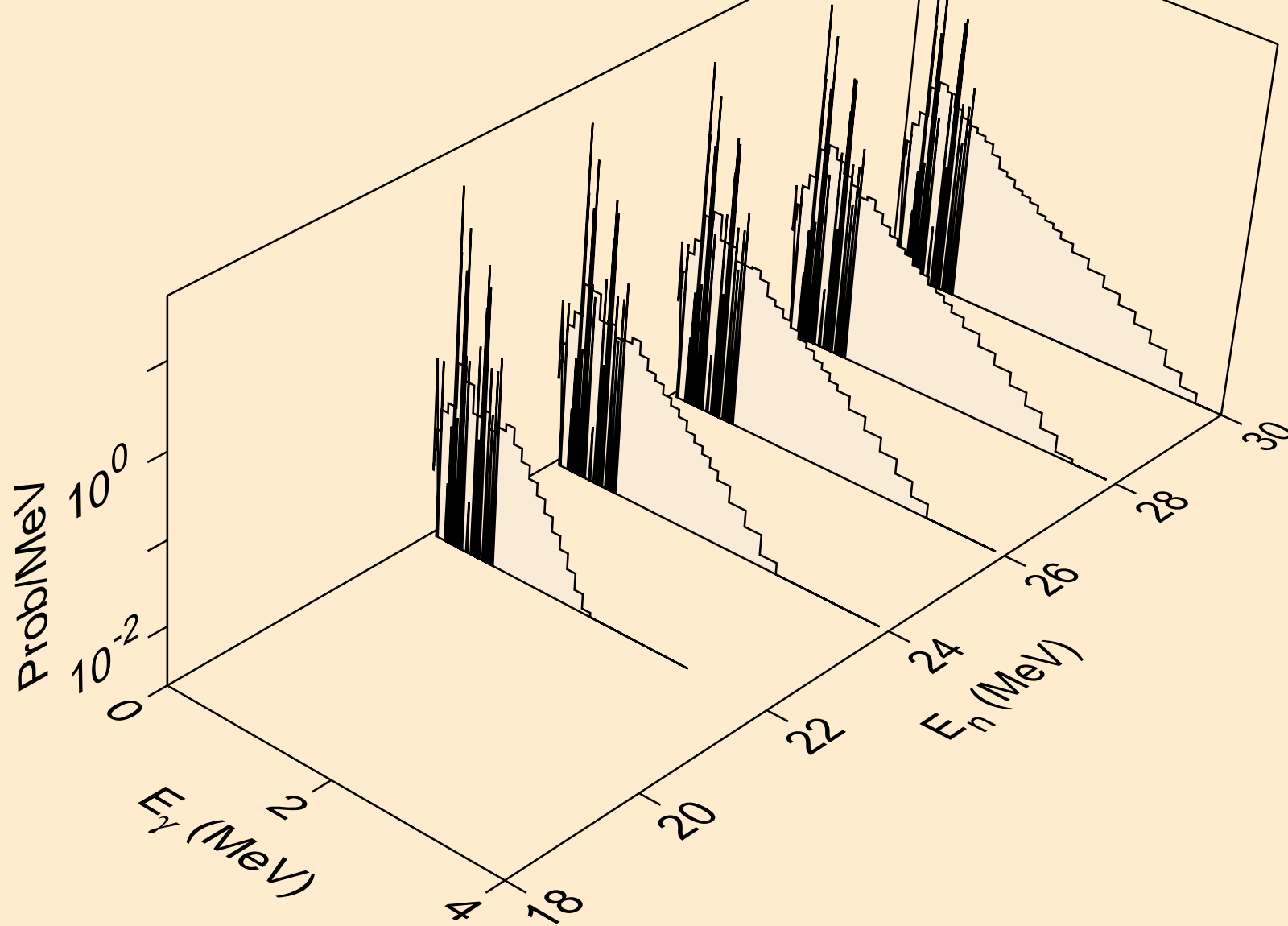
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



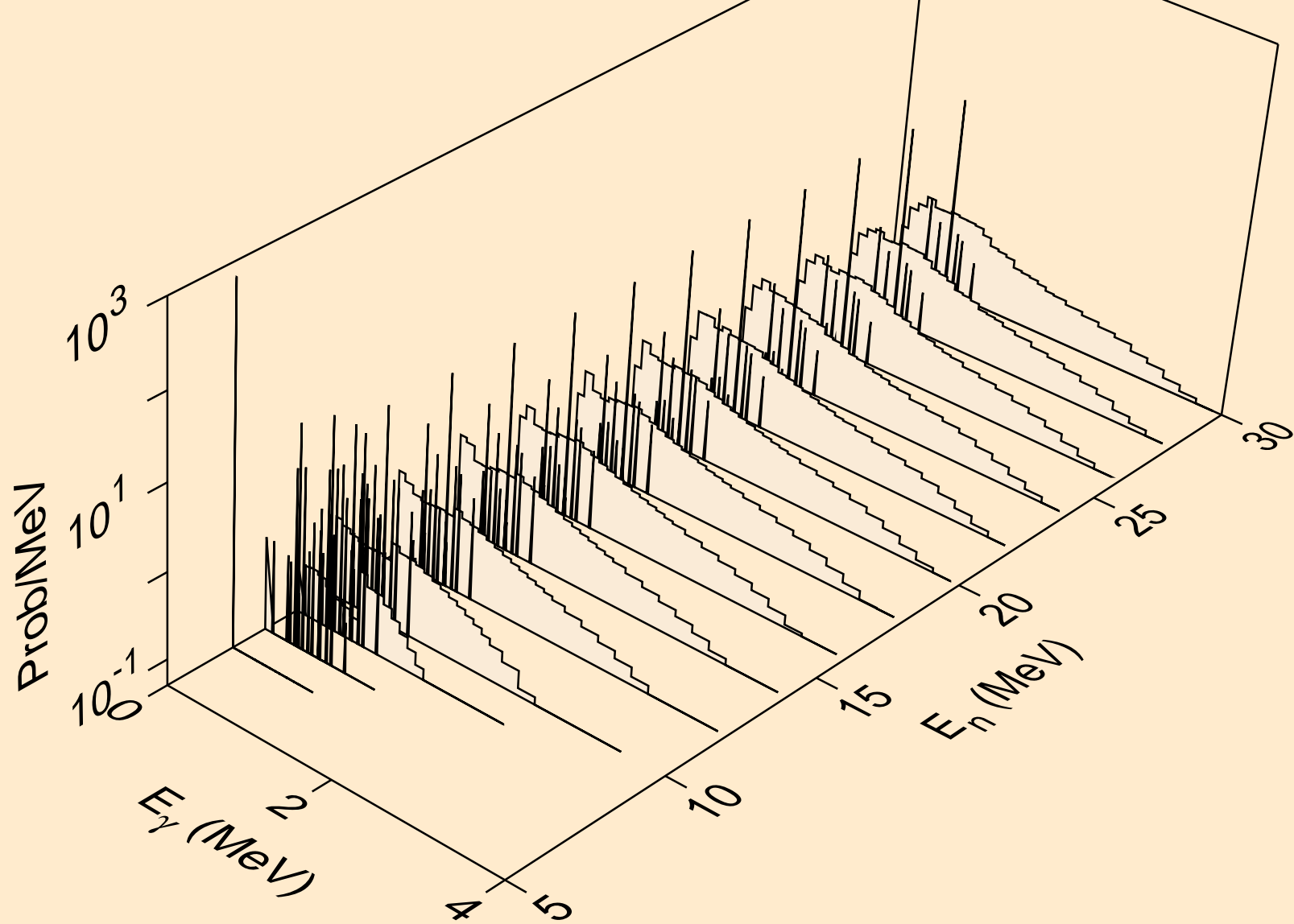
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



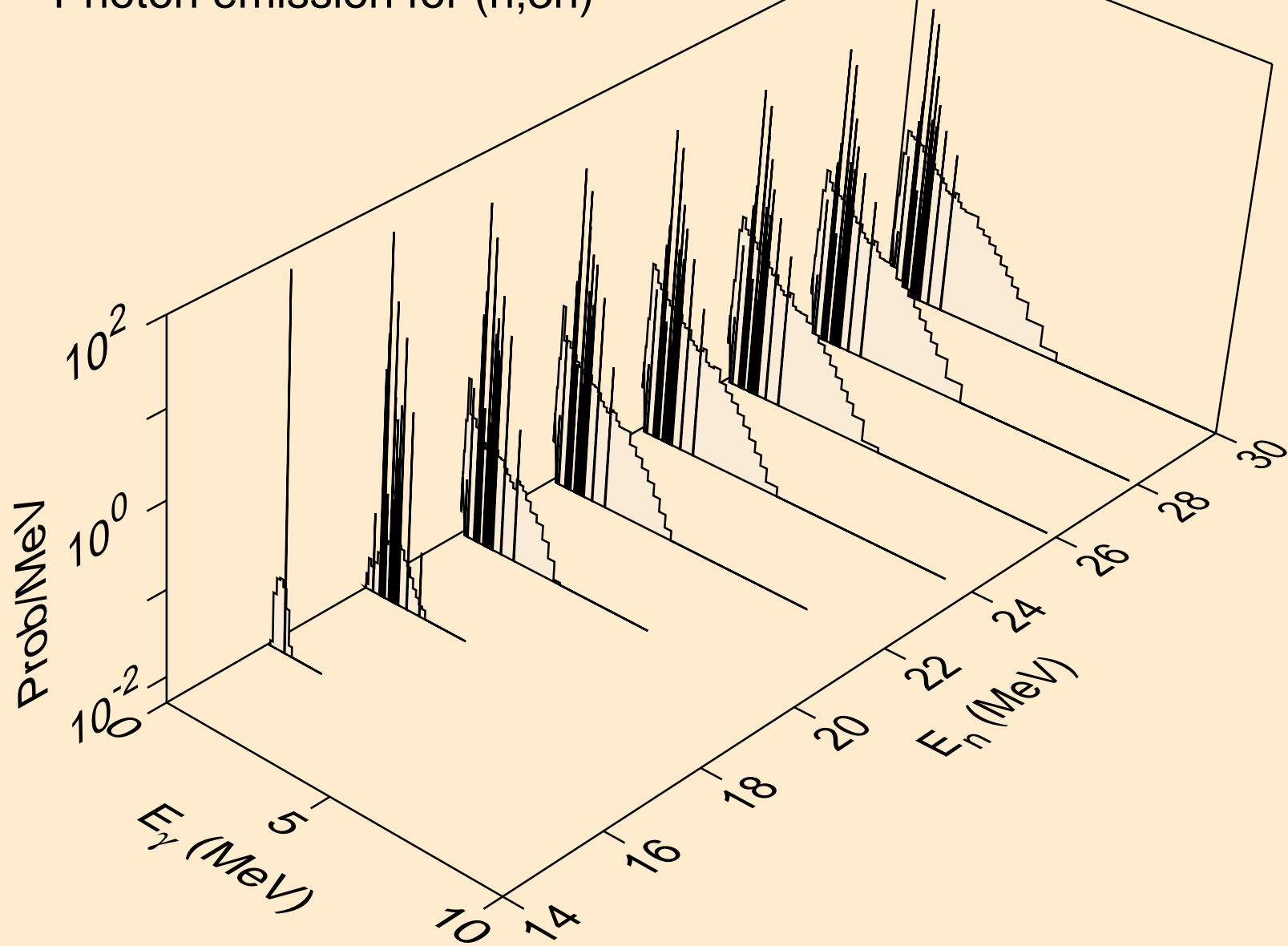
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



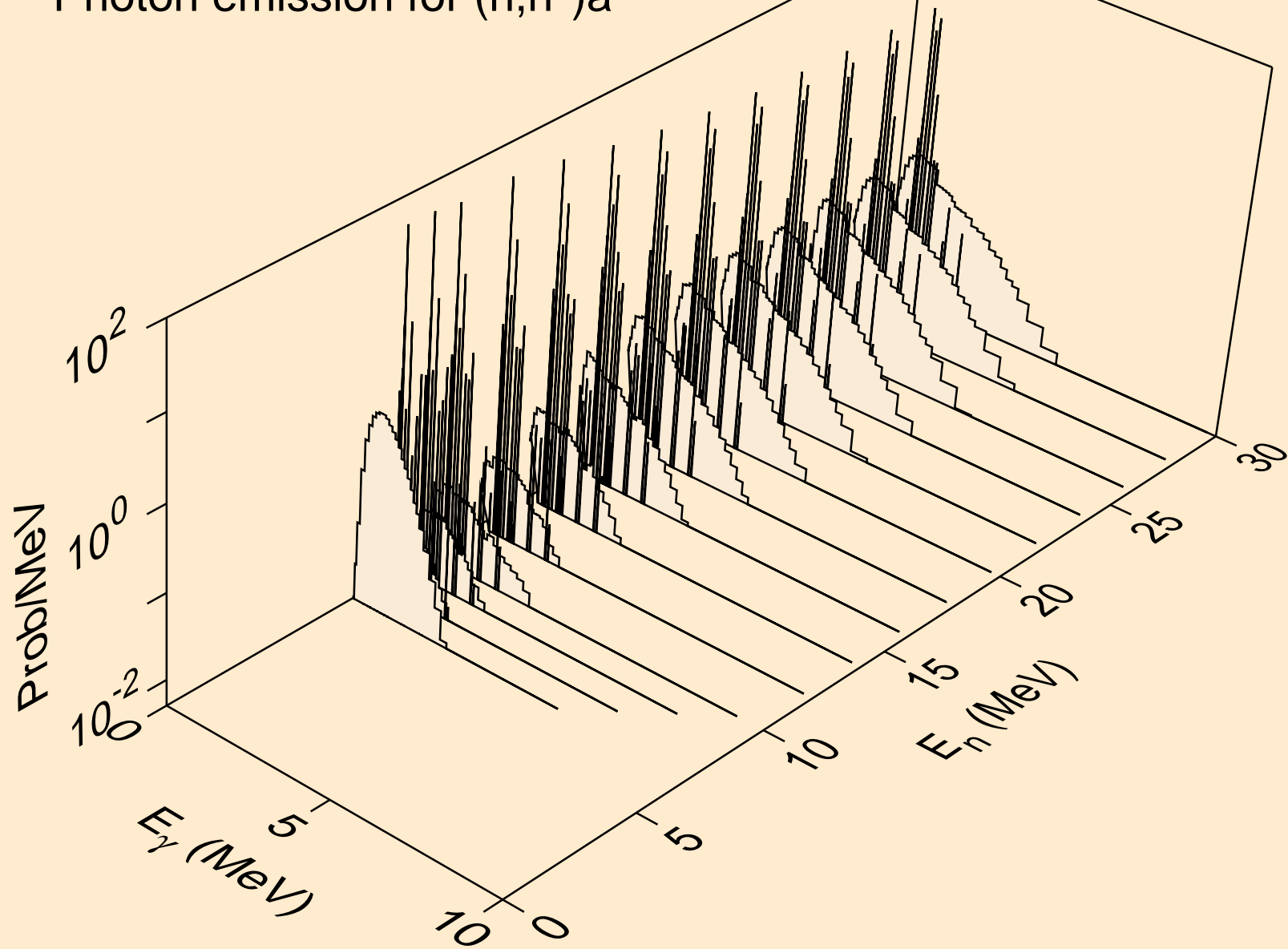
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



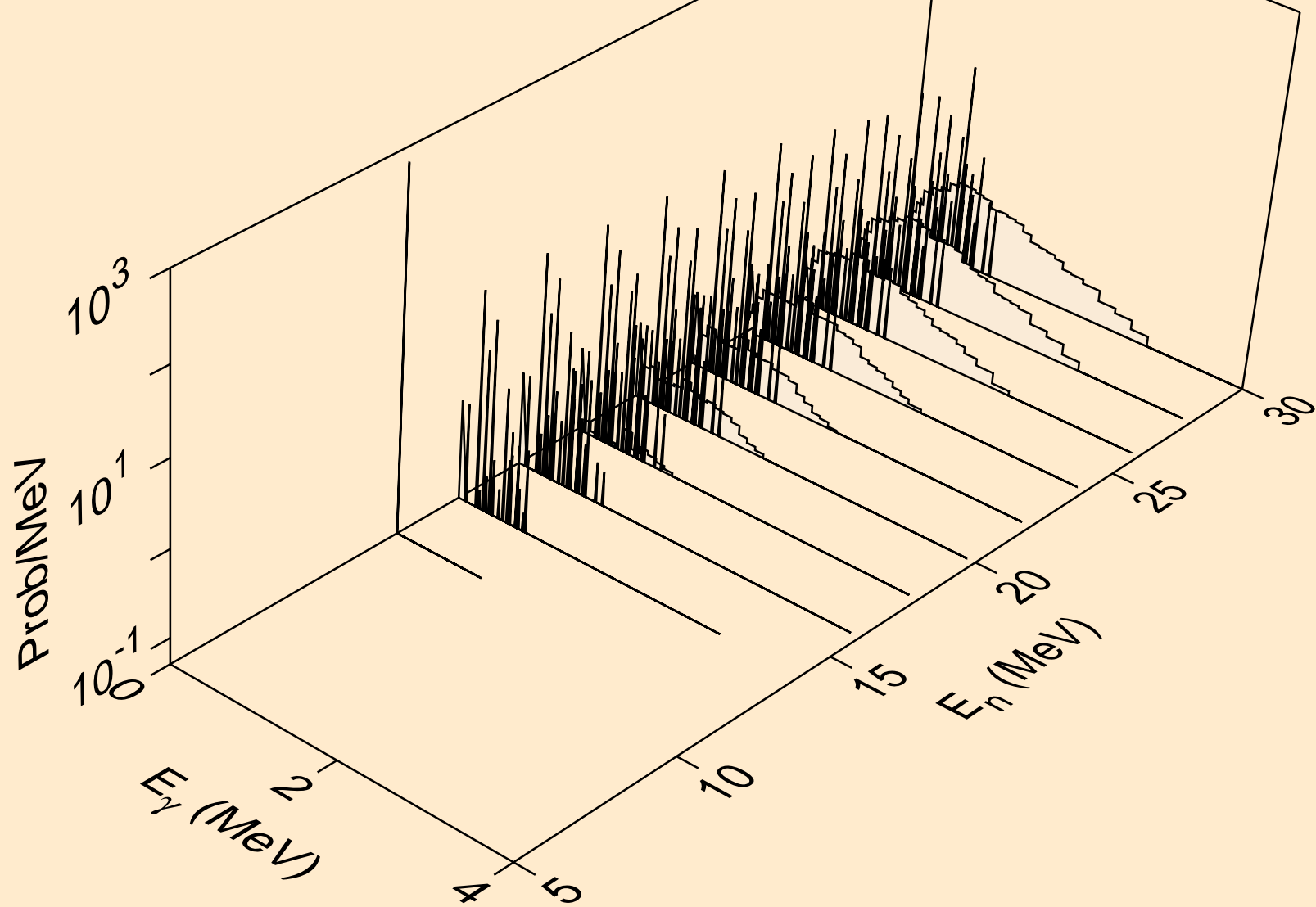
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

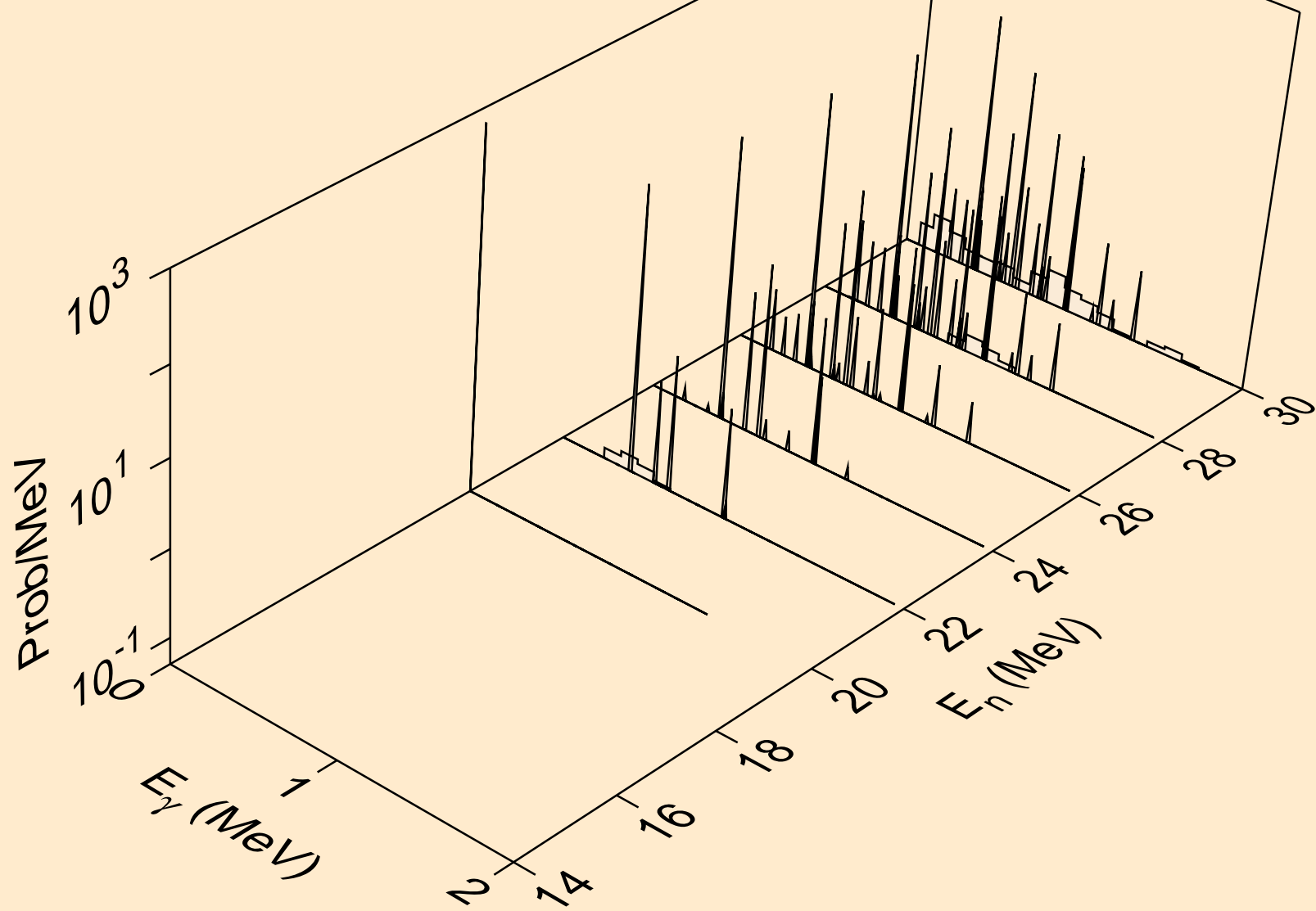


CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

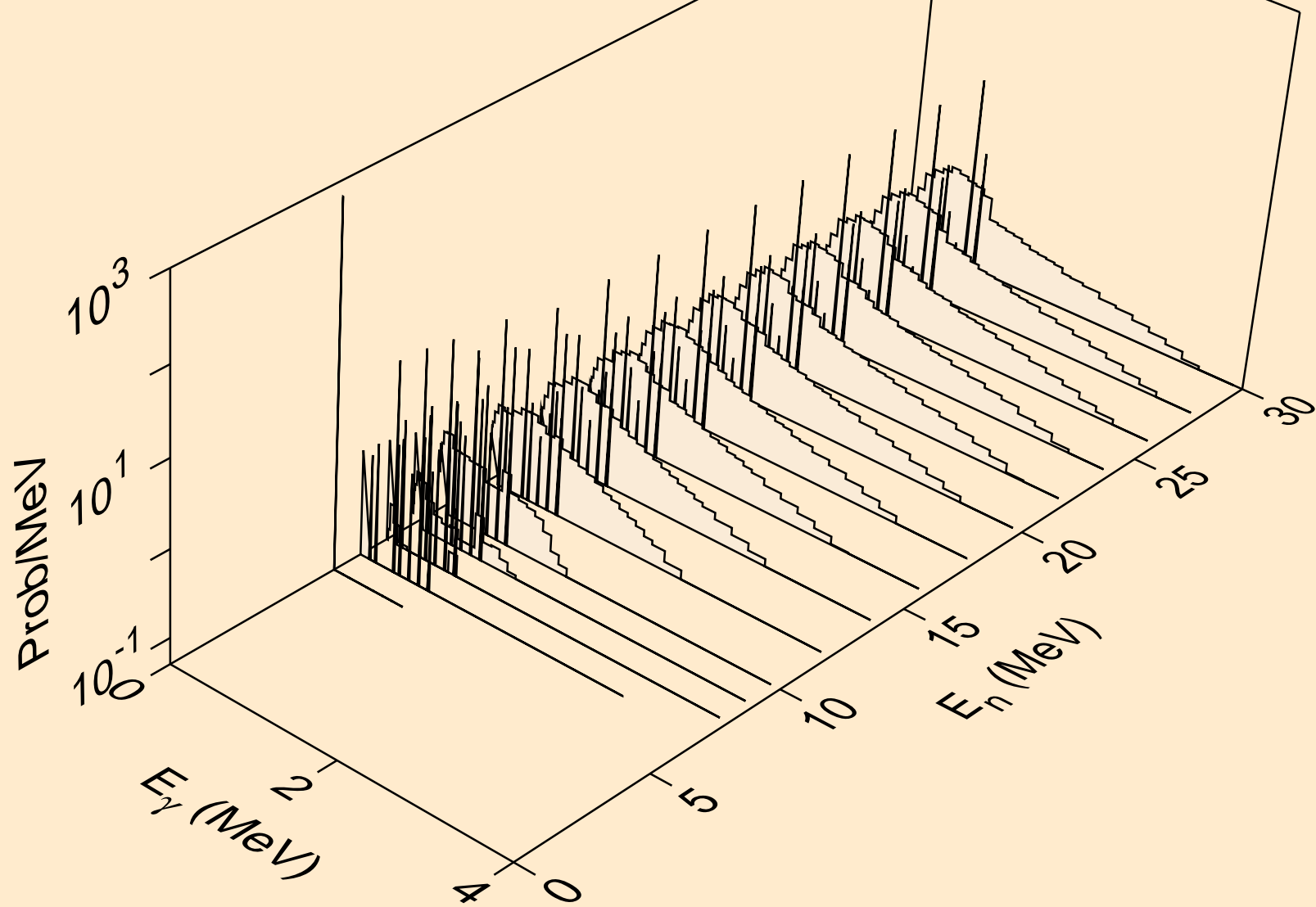




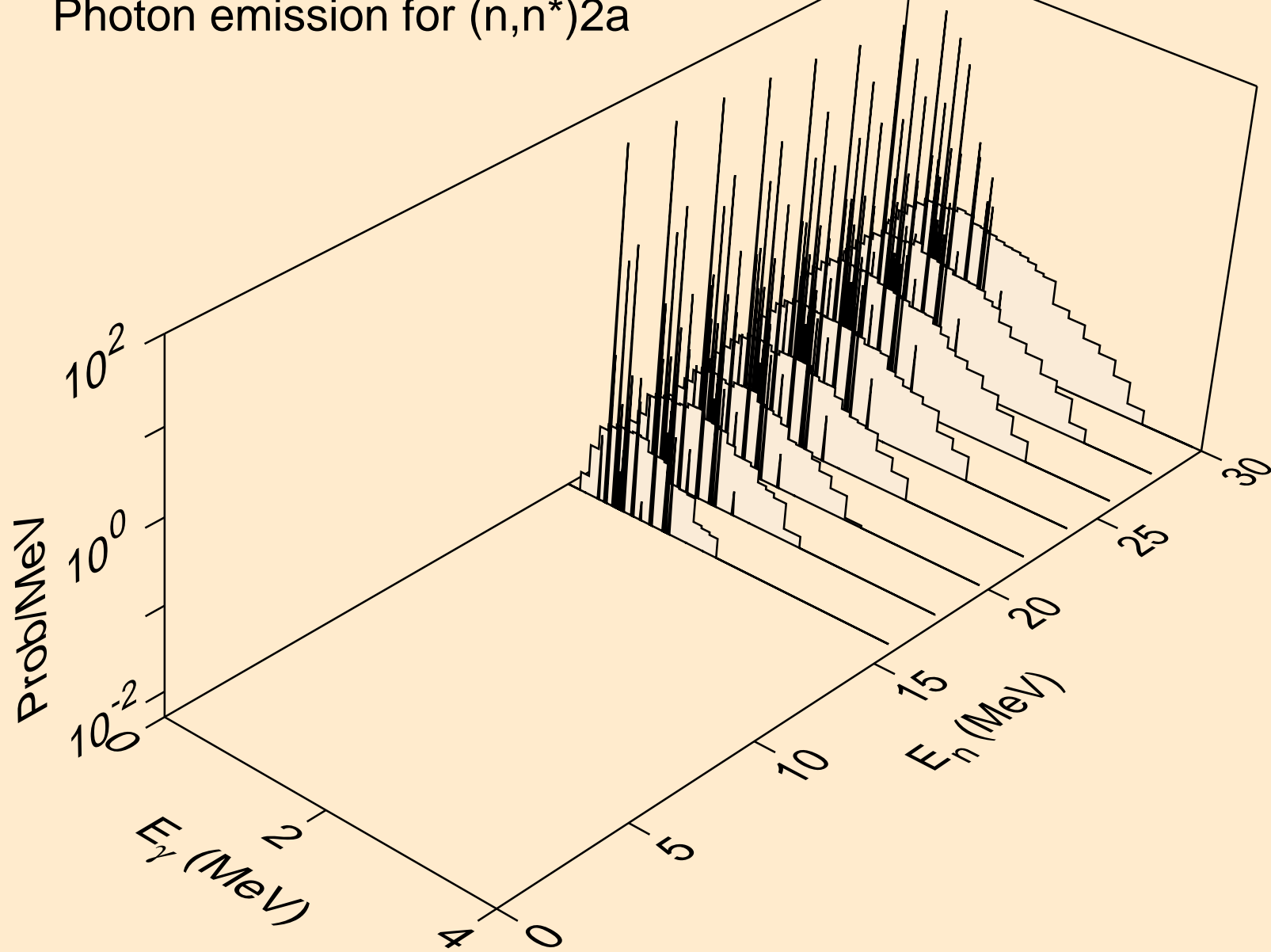
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



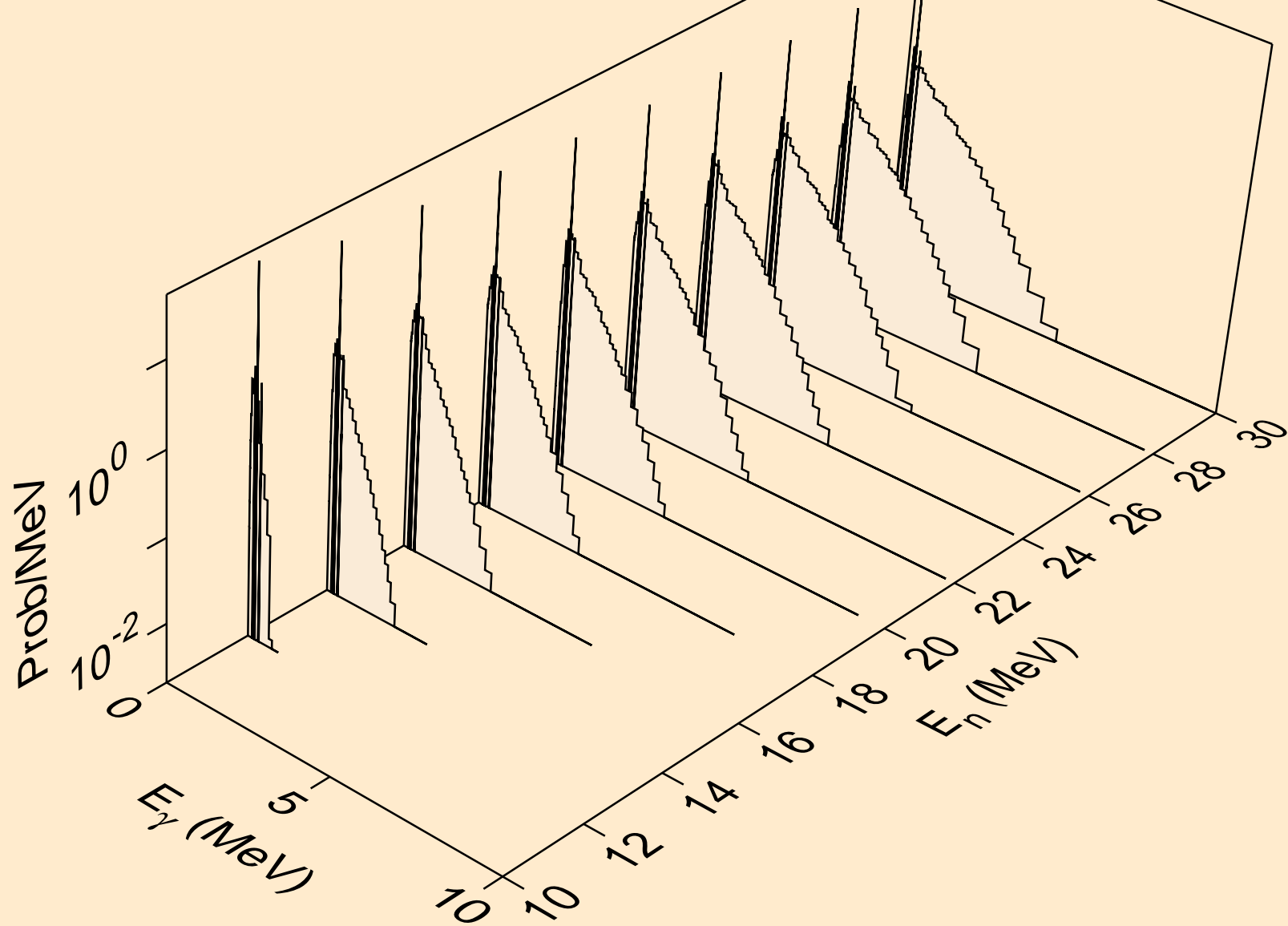
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



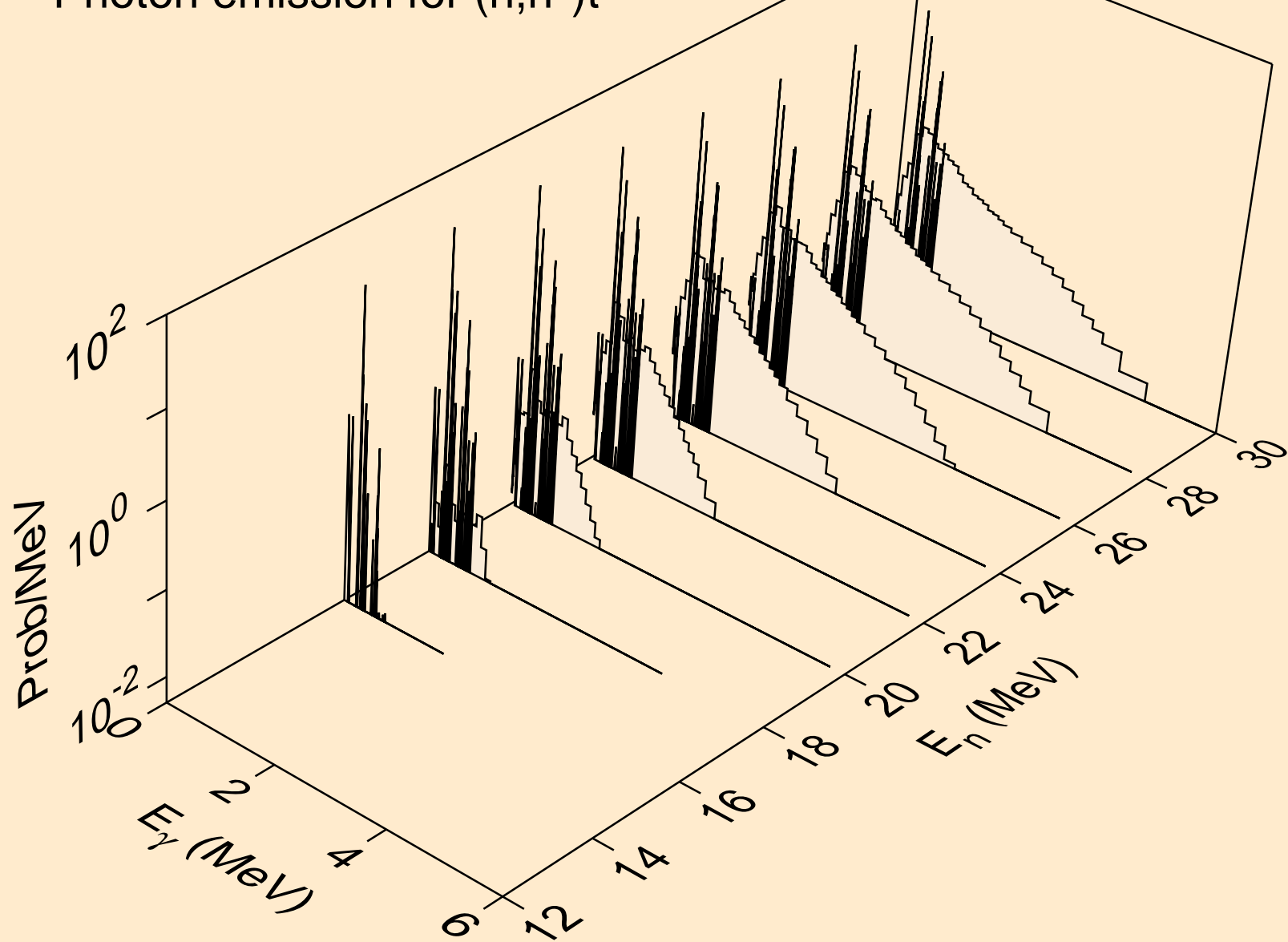
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



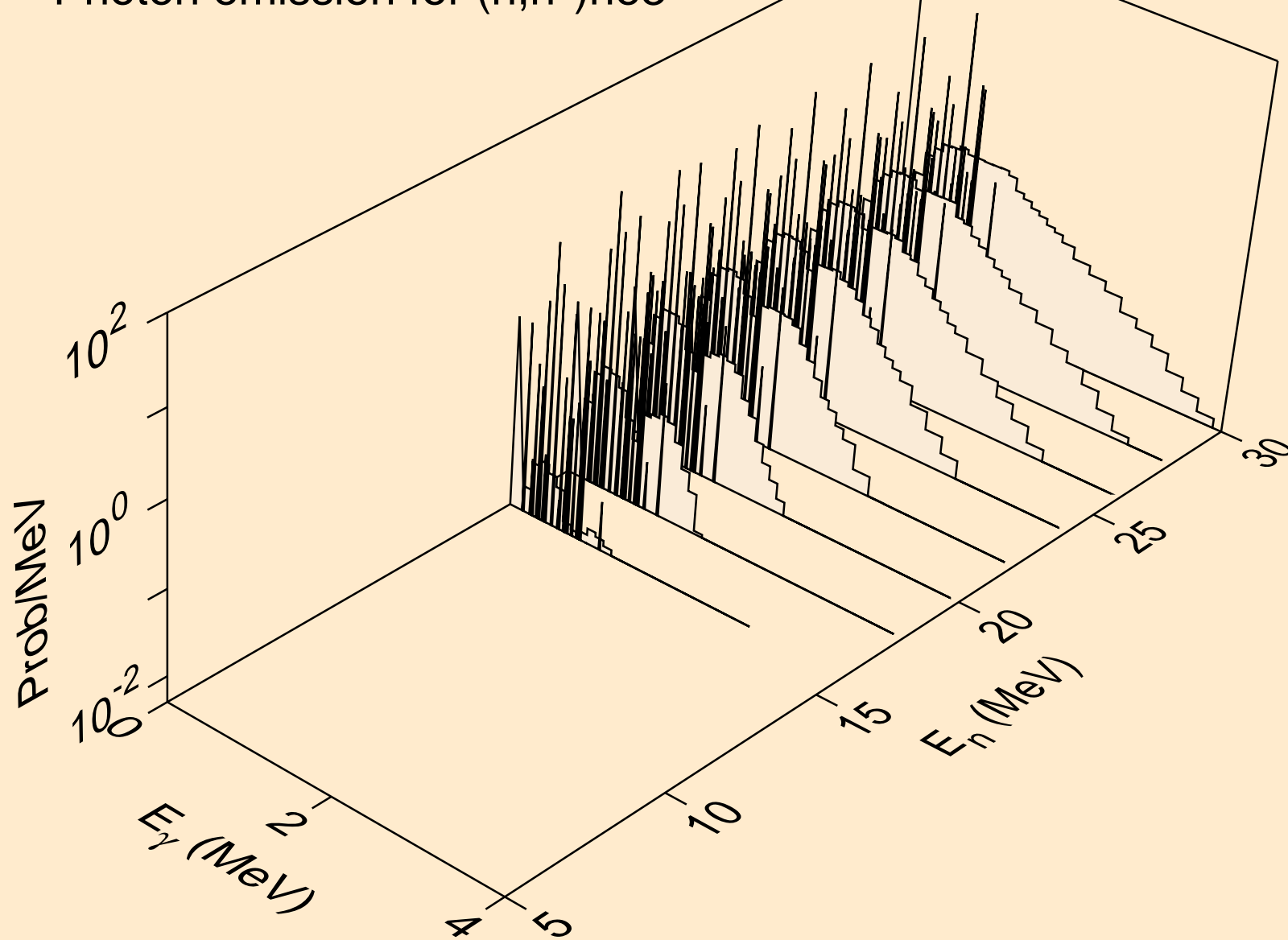
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



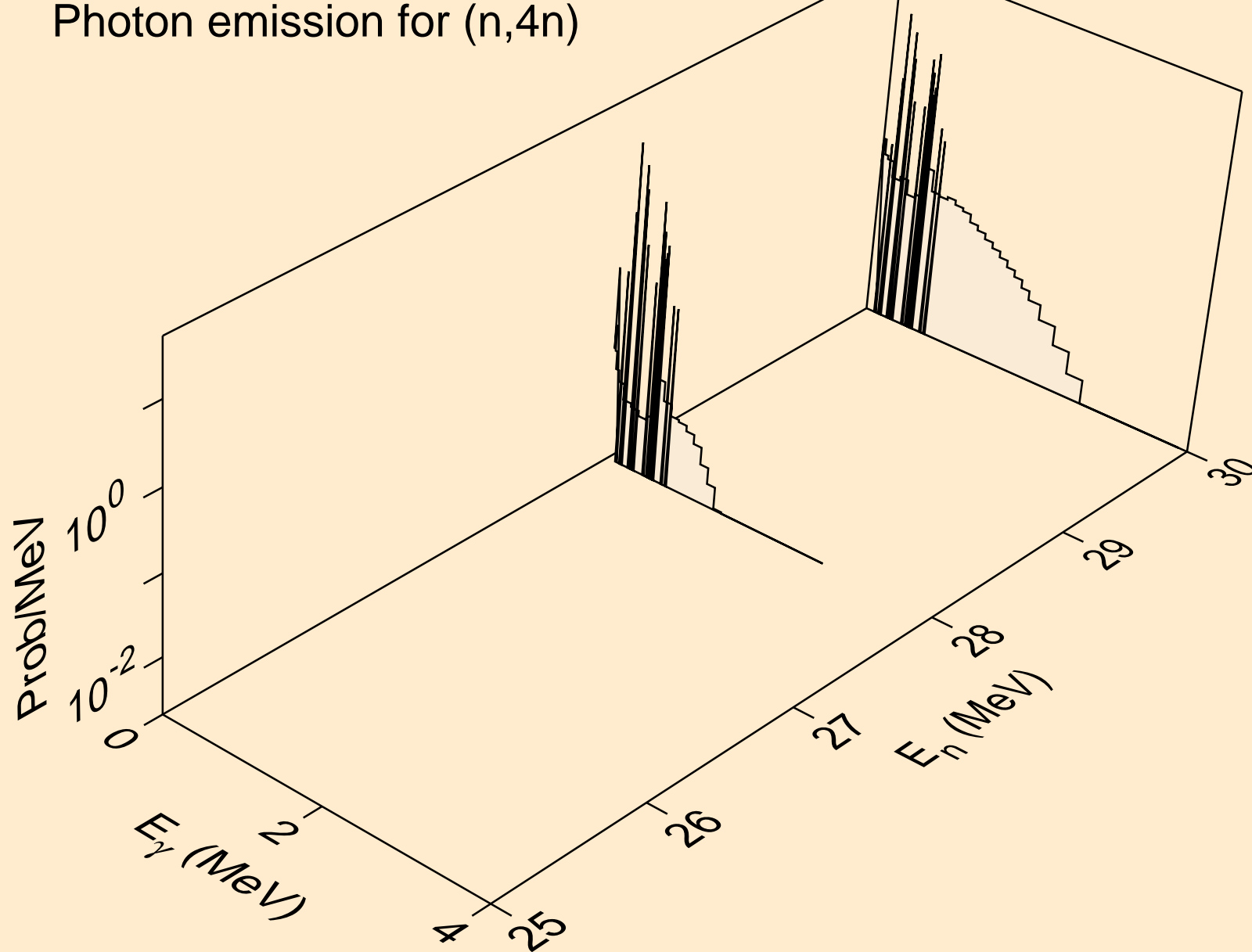
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



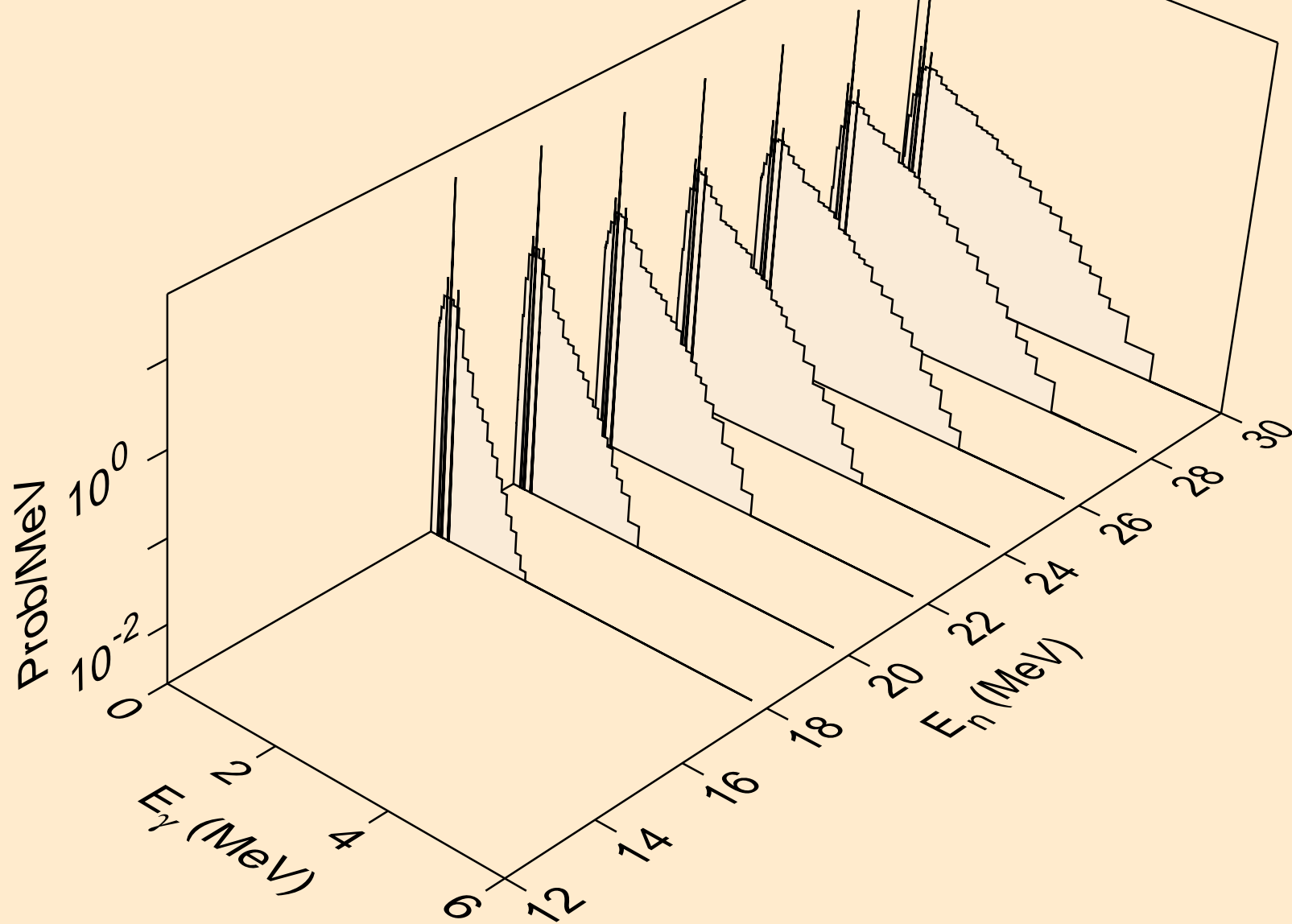
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

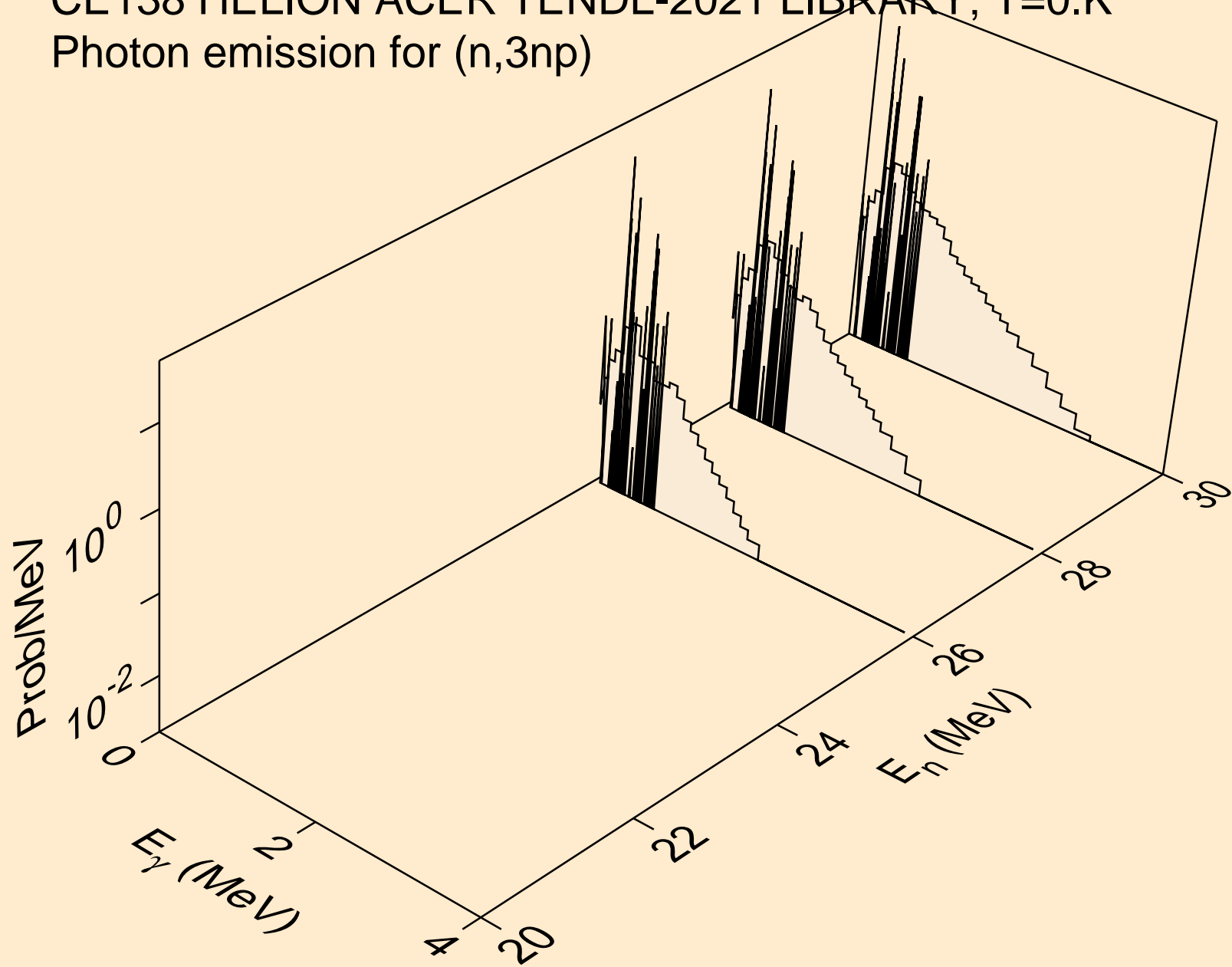


CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

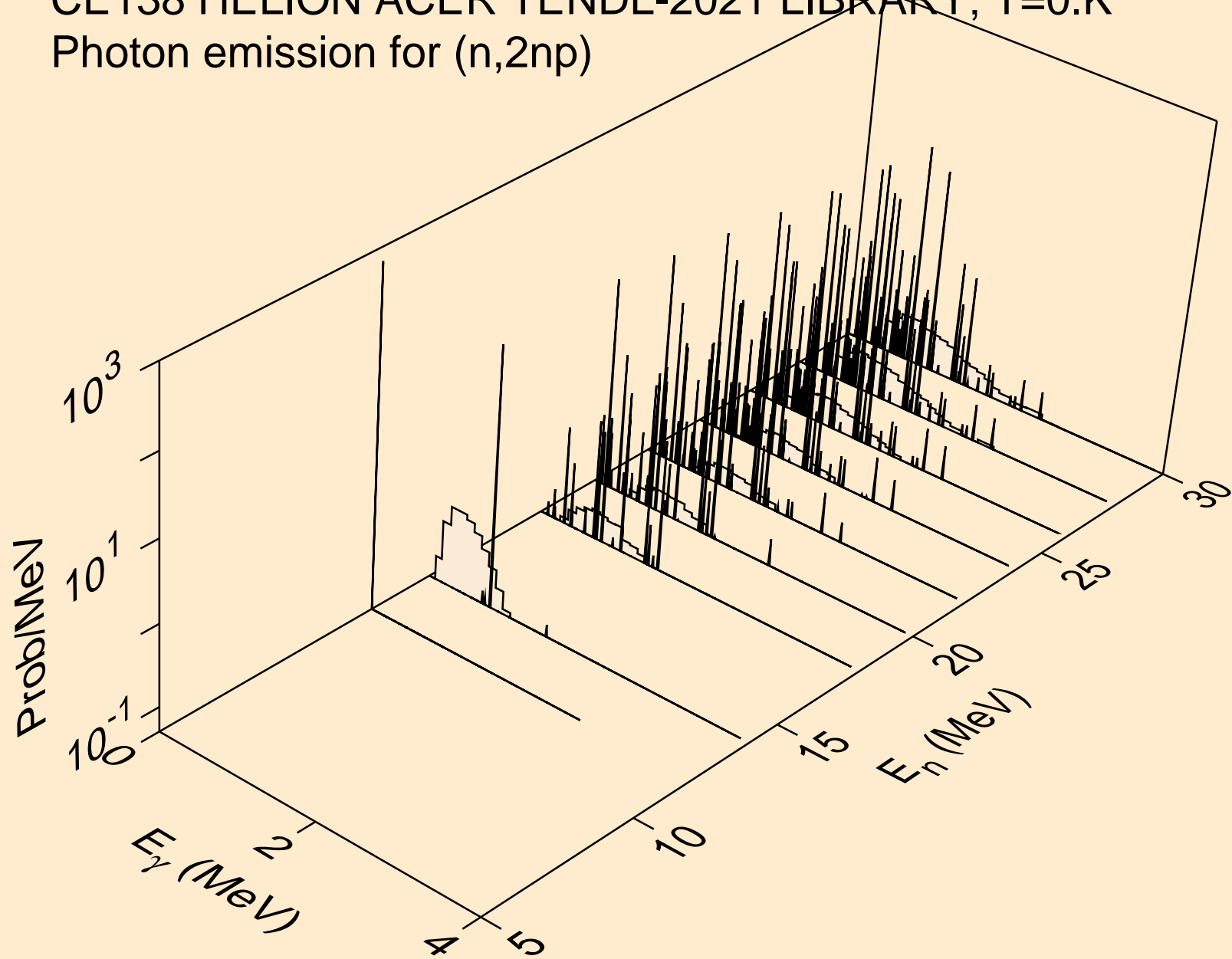




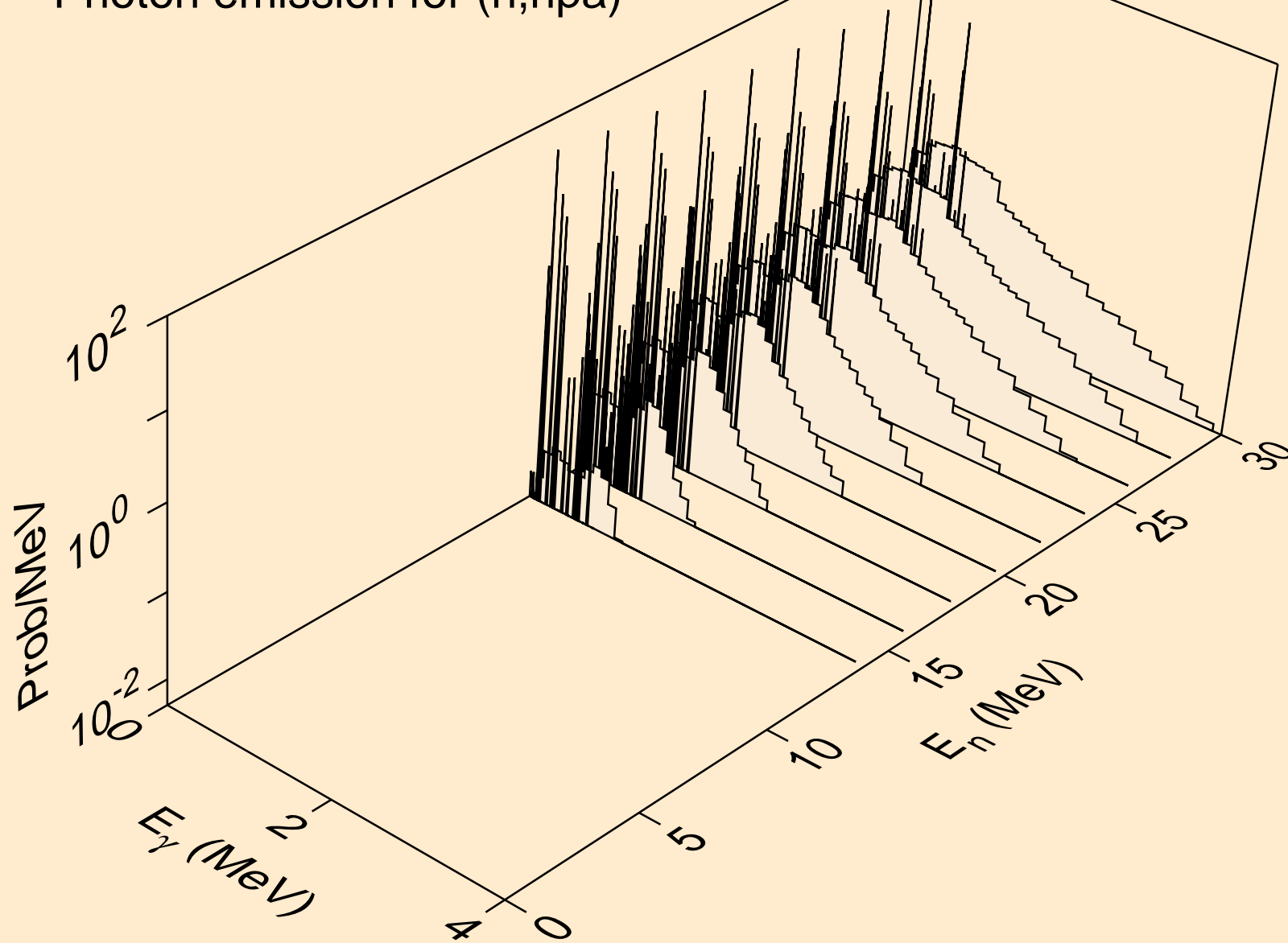
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Photon emission for (n,3np)



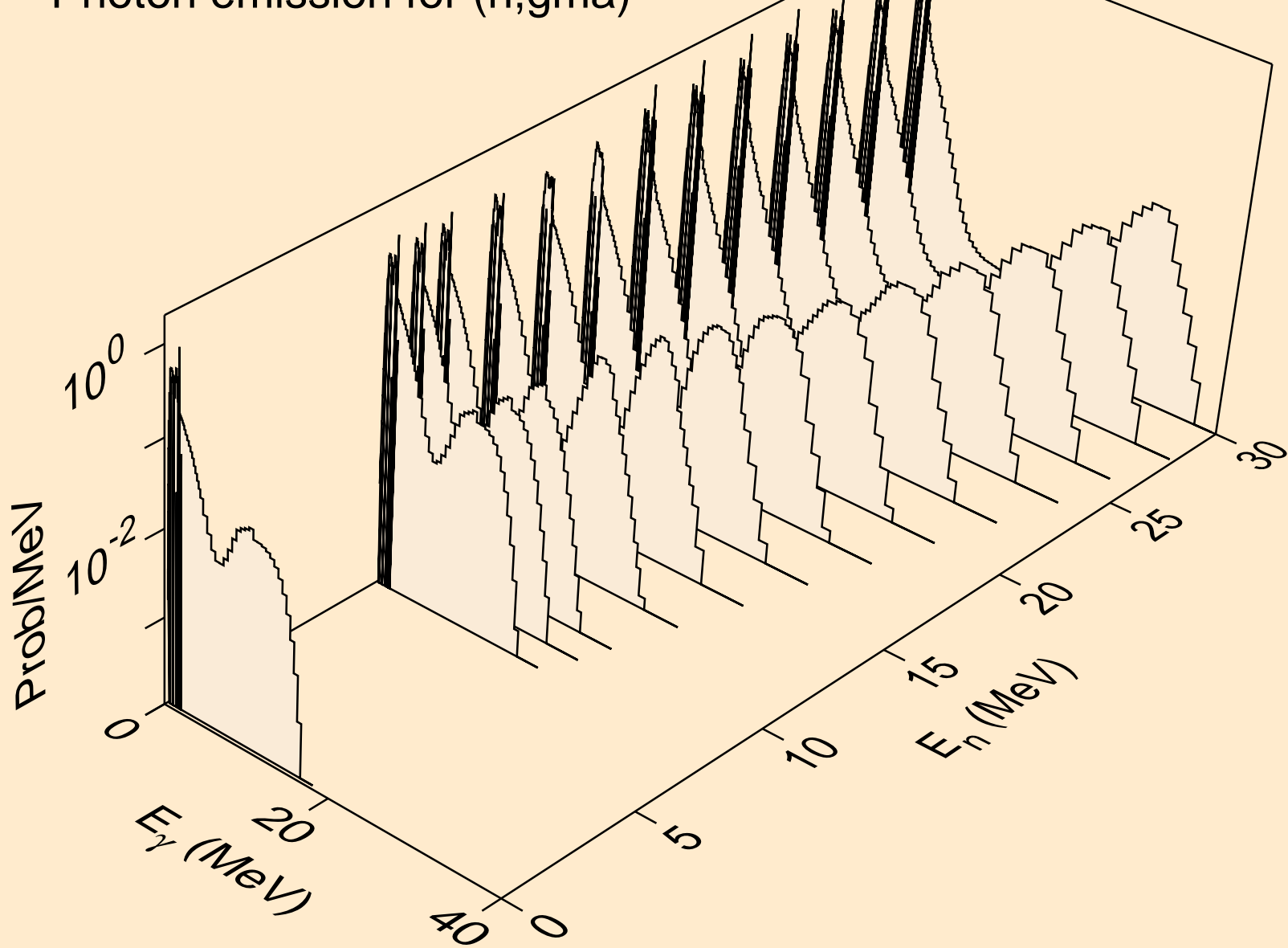
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Photon emission for (n,2np)



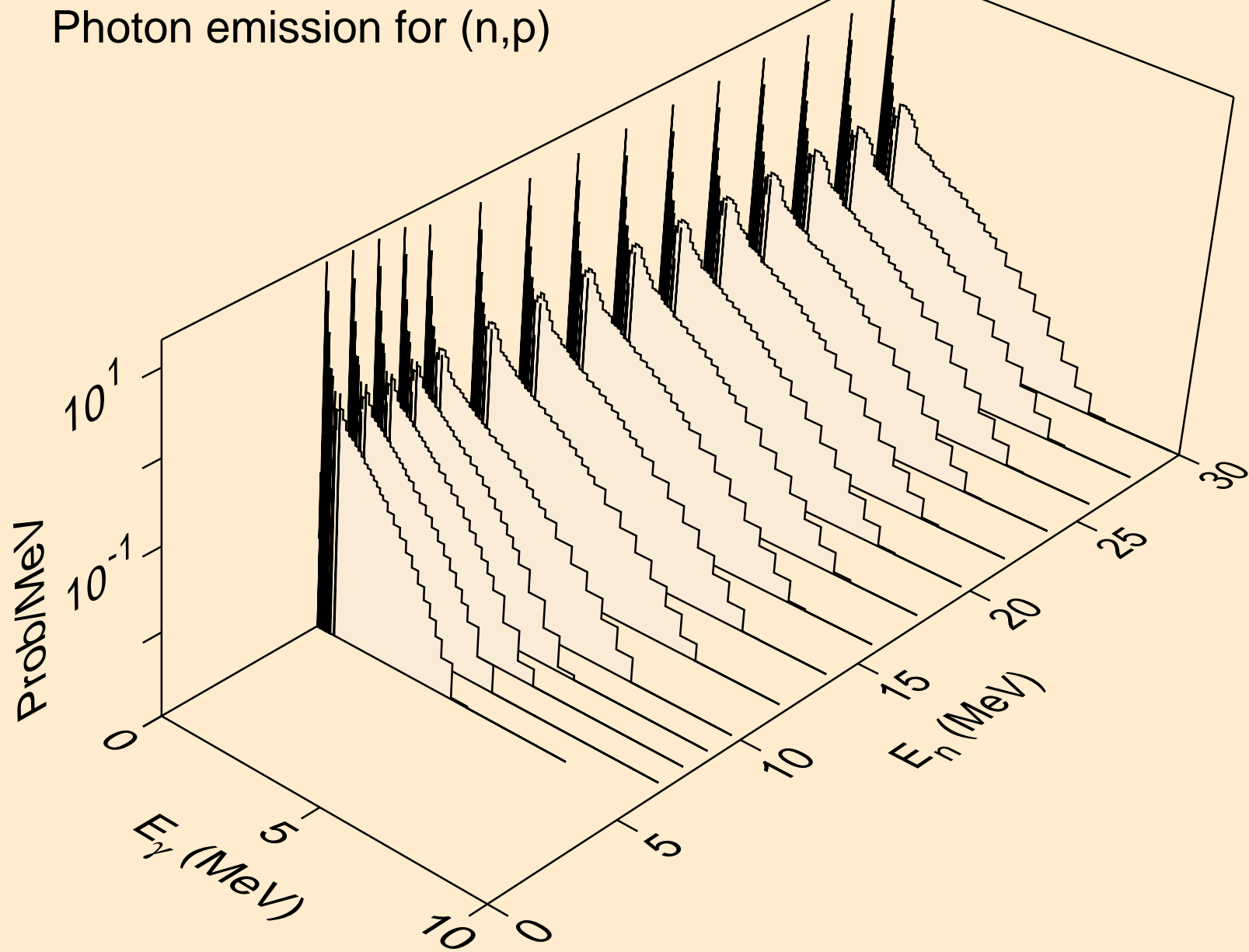
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



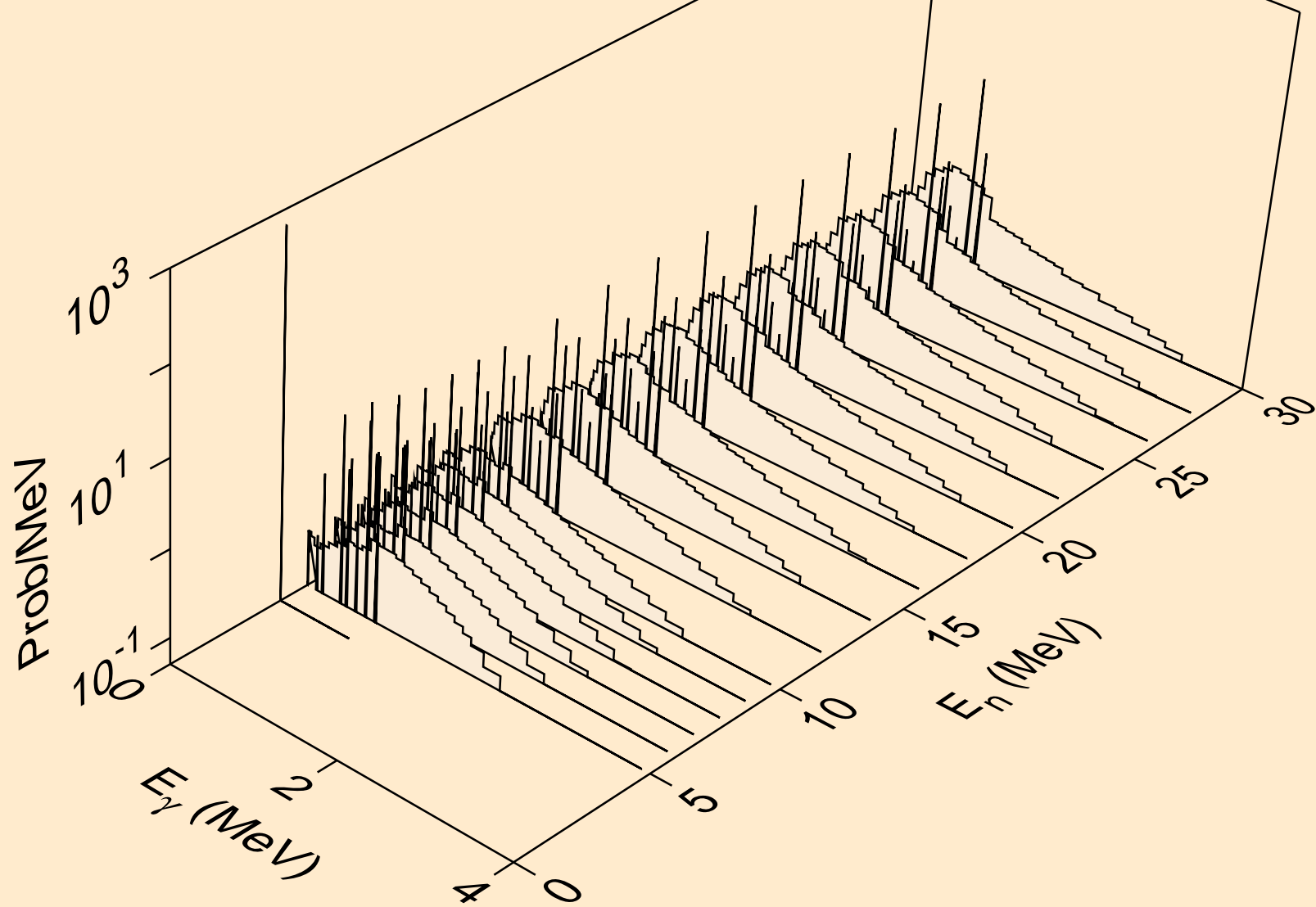
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Photon emission for (n,gma)



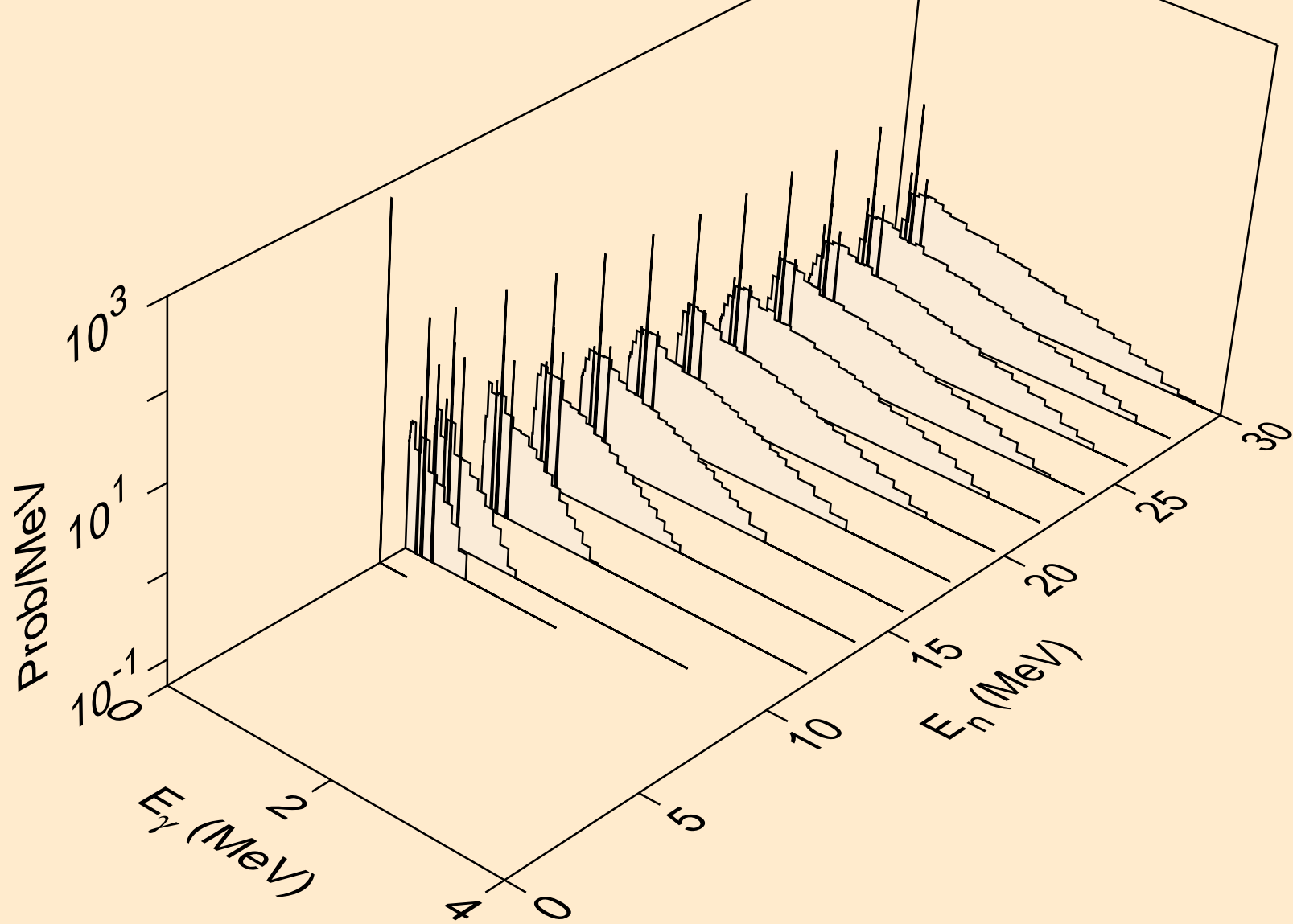
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



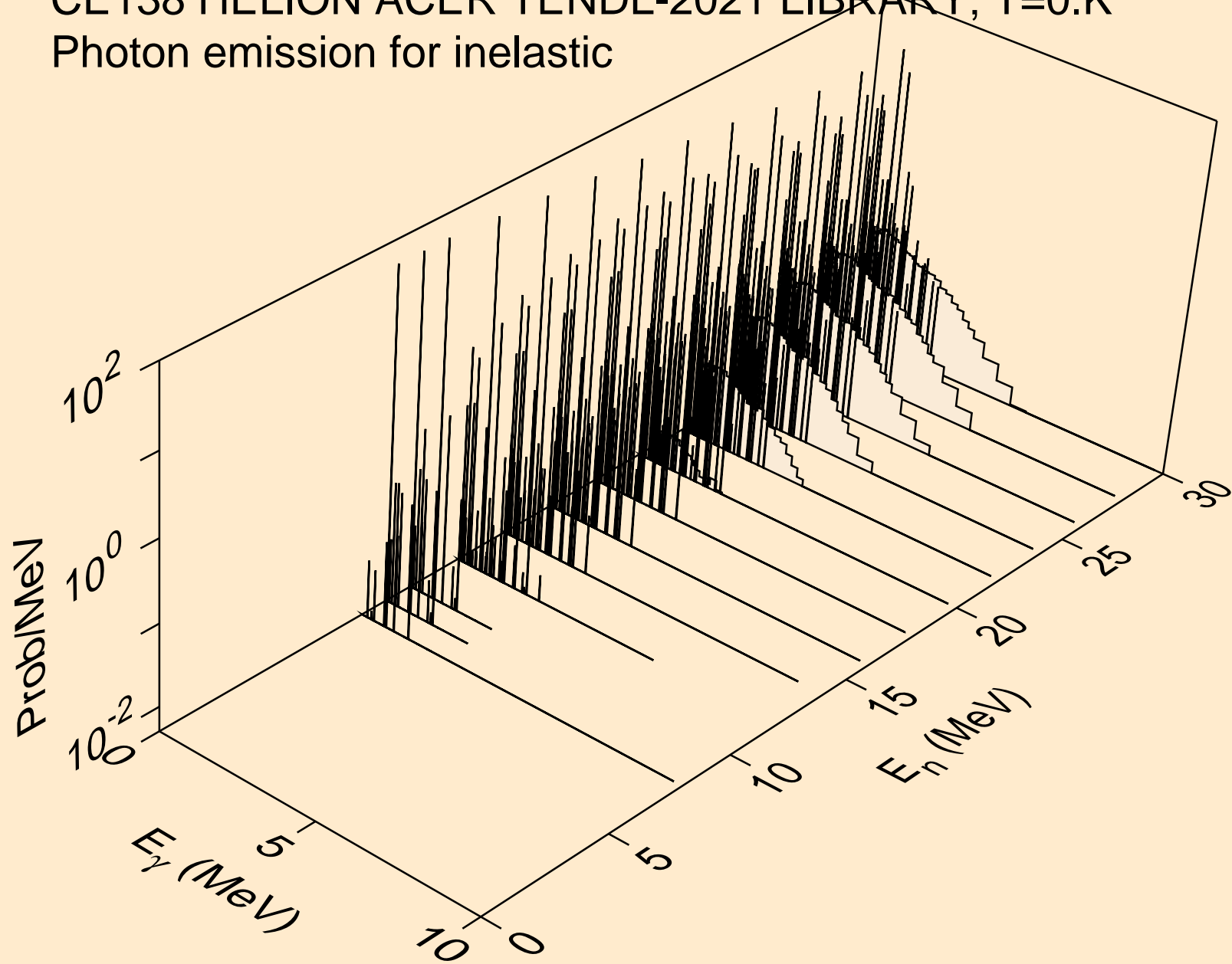
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

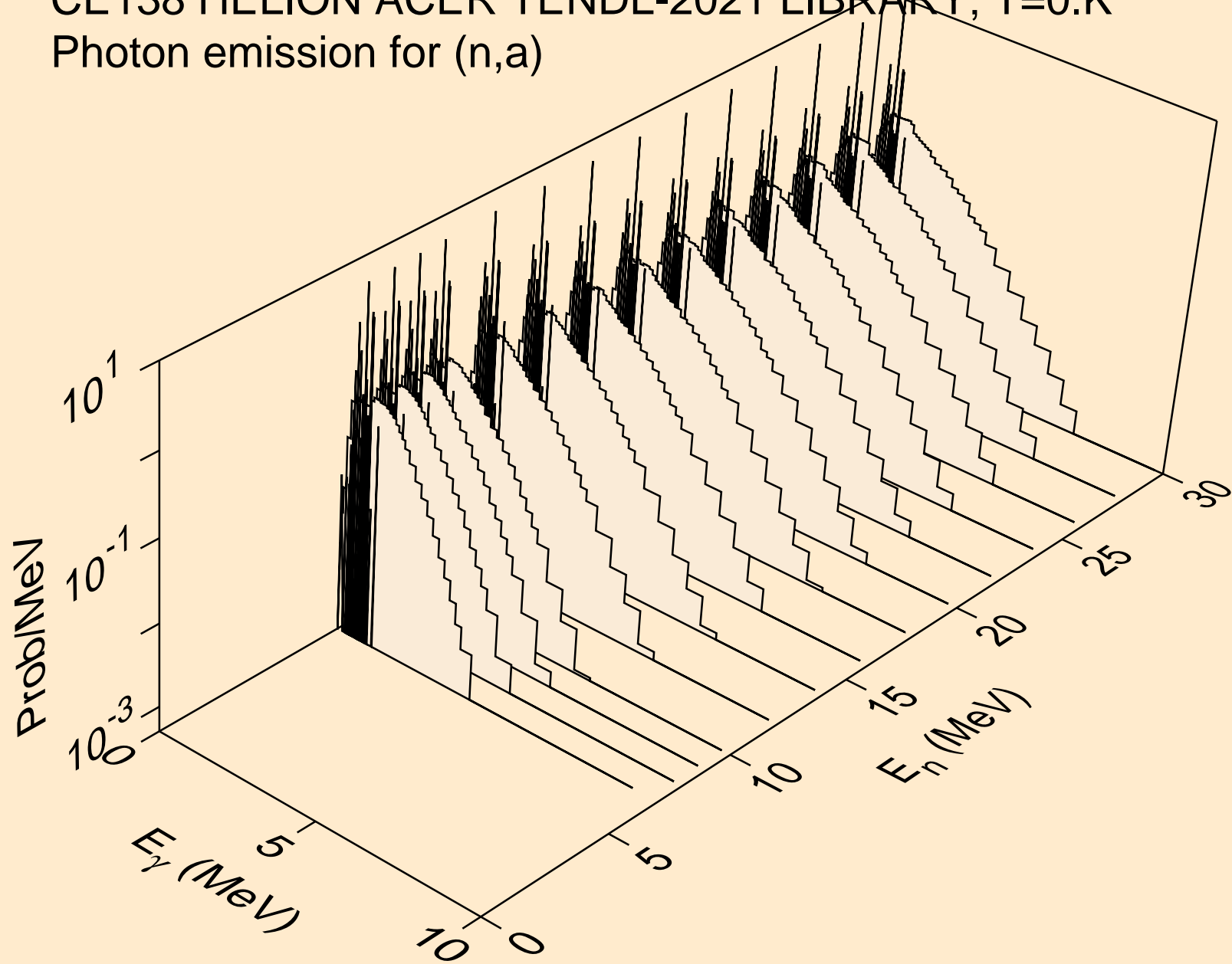


CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

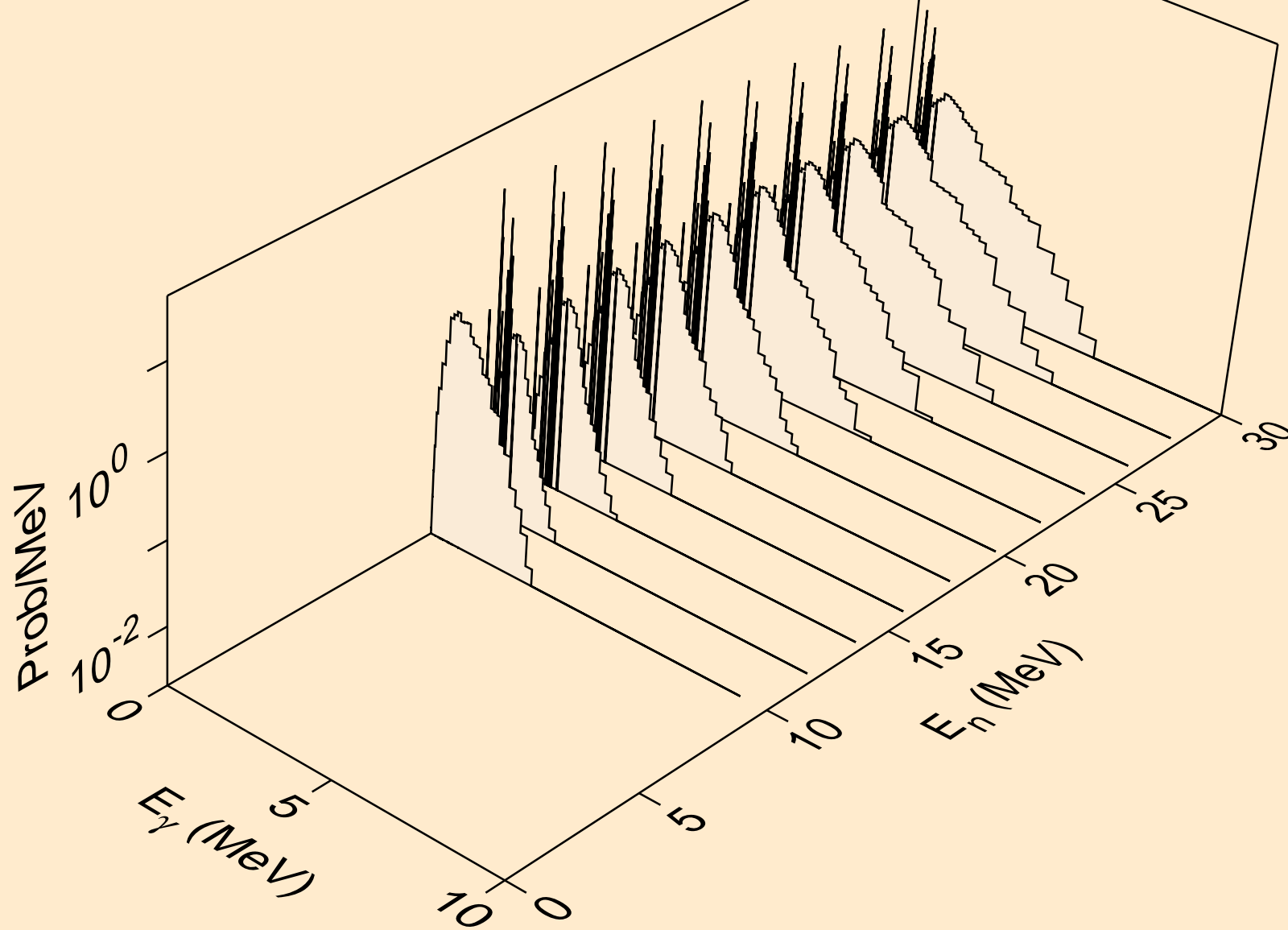




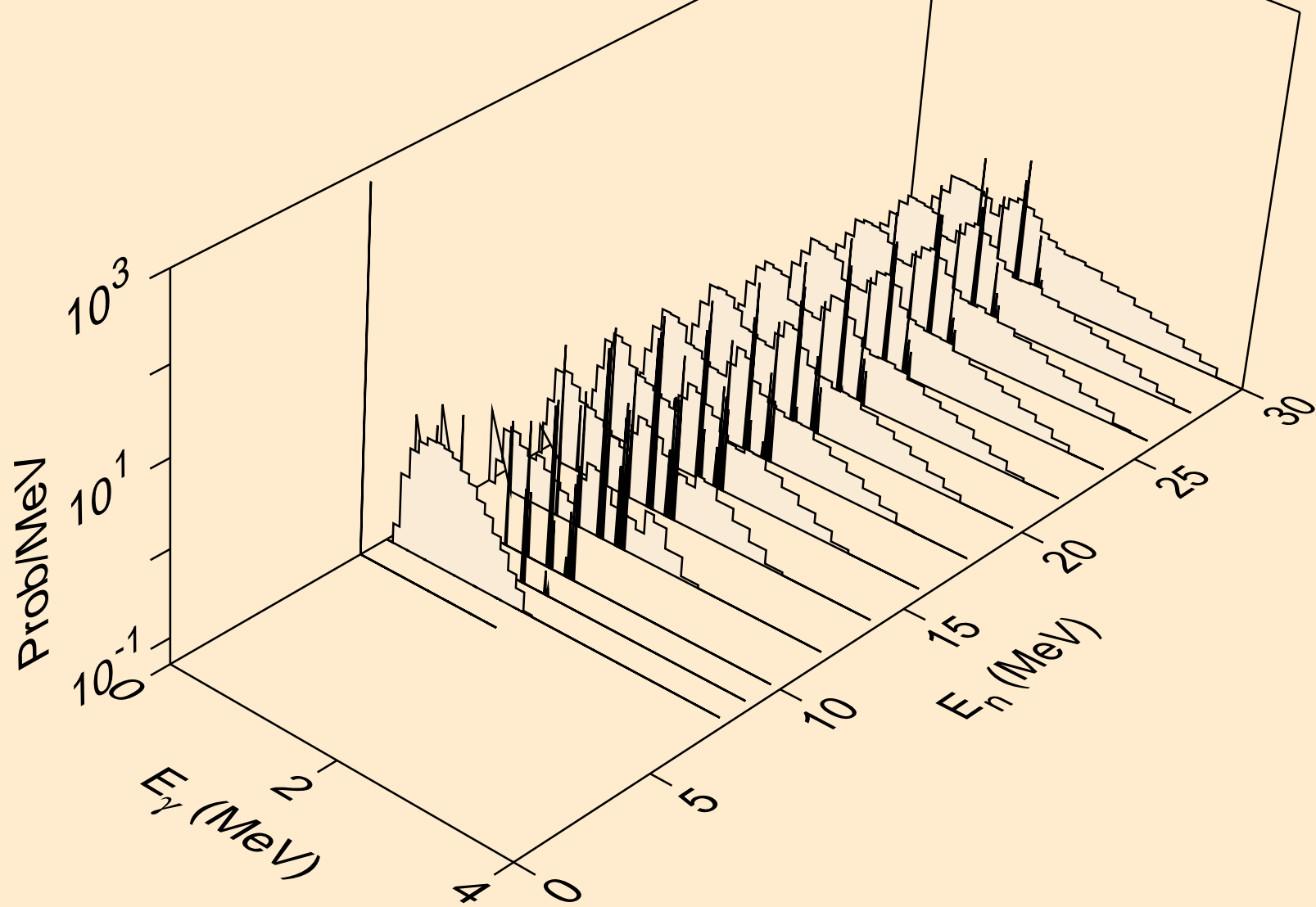
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Photon emission for (n,a)



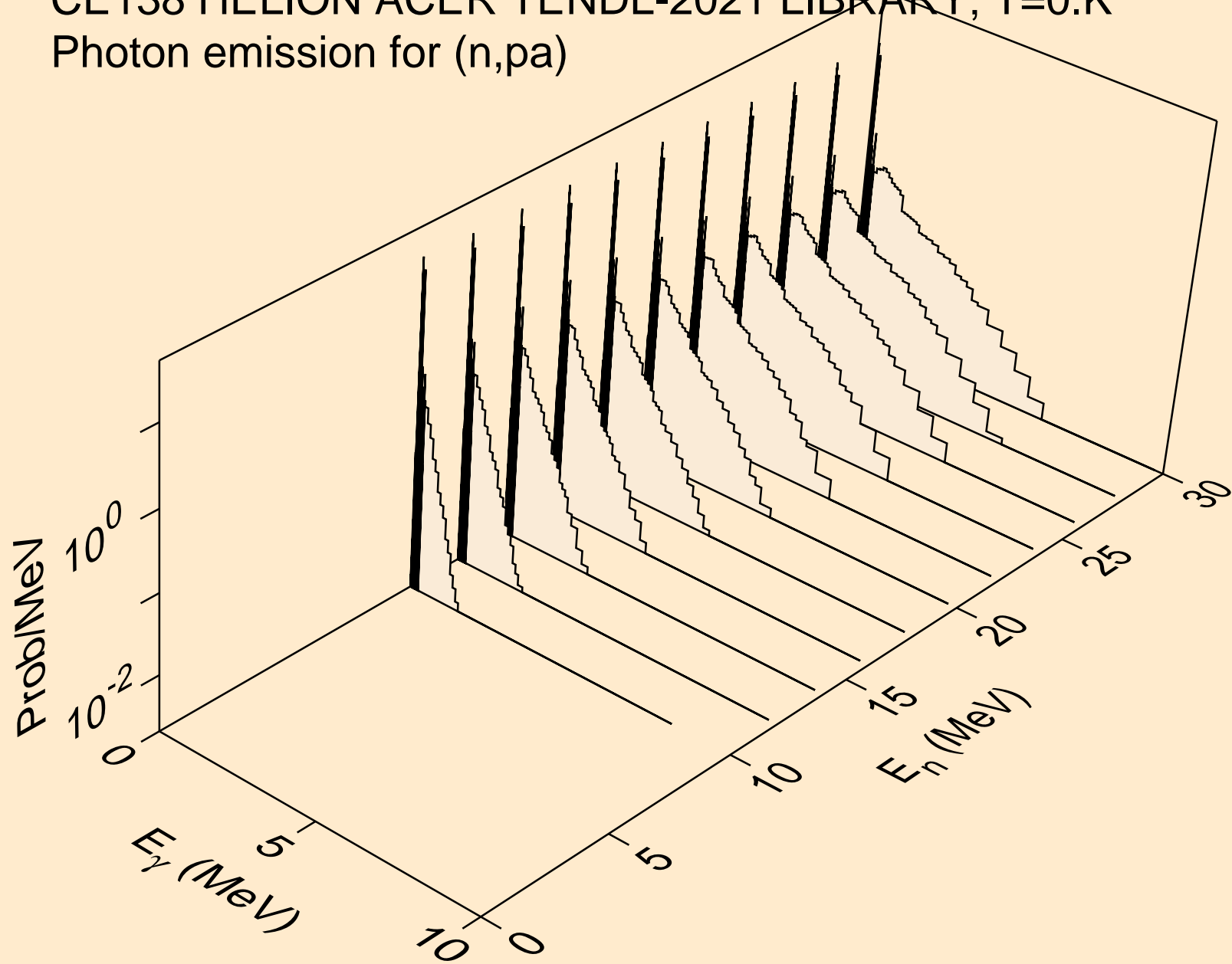
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Photon emission for (n,2a)



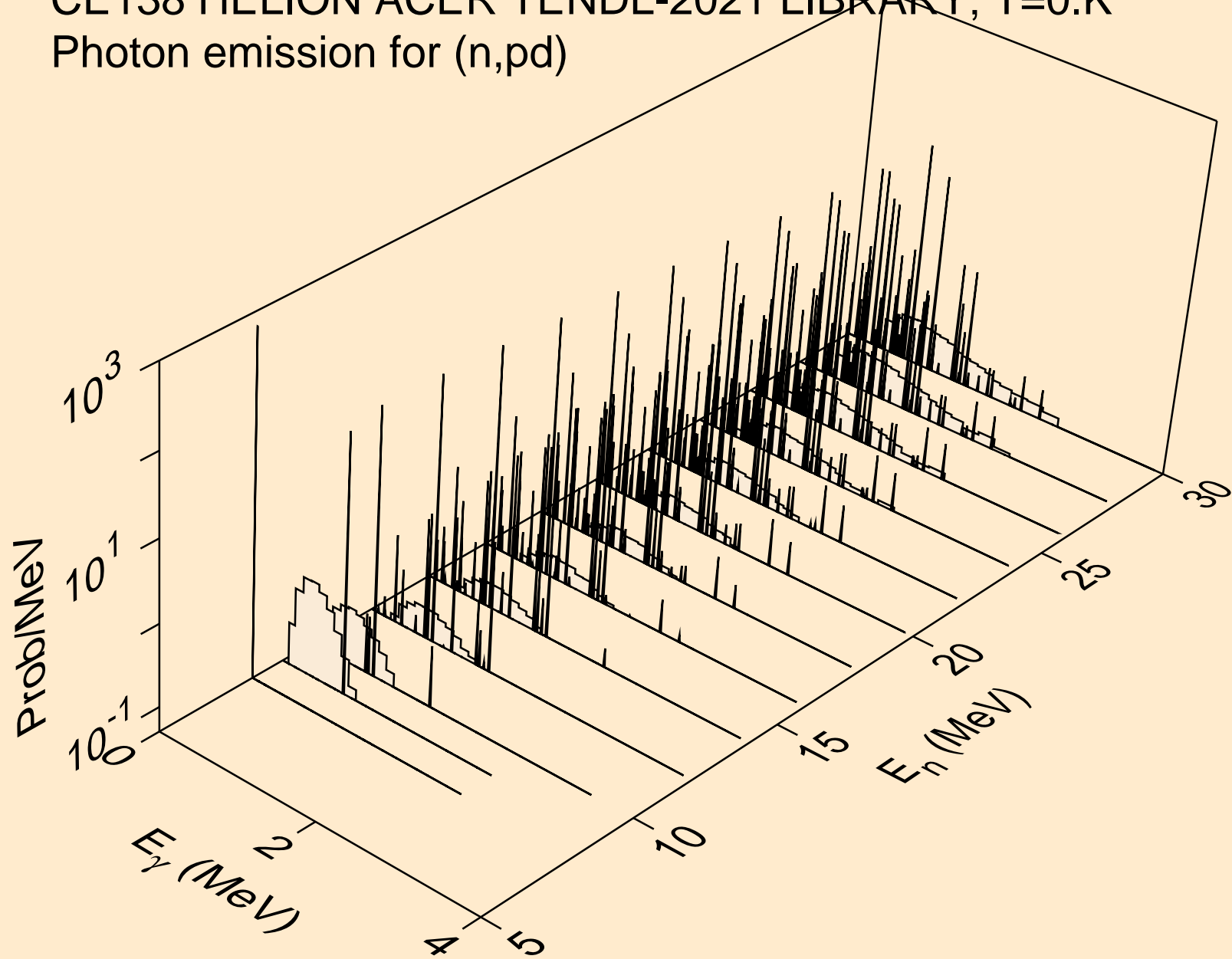
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Photon emission for (n,2p)



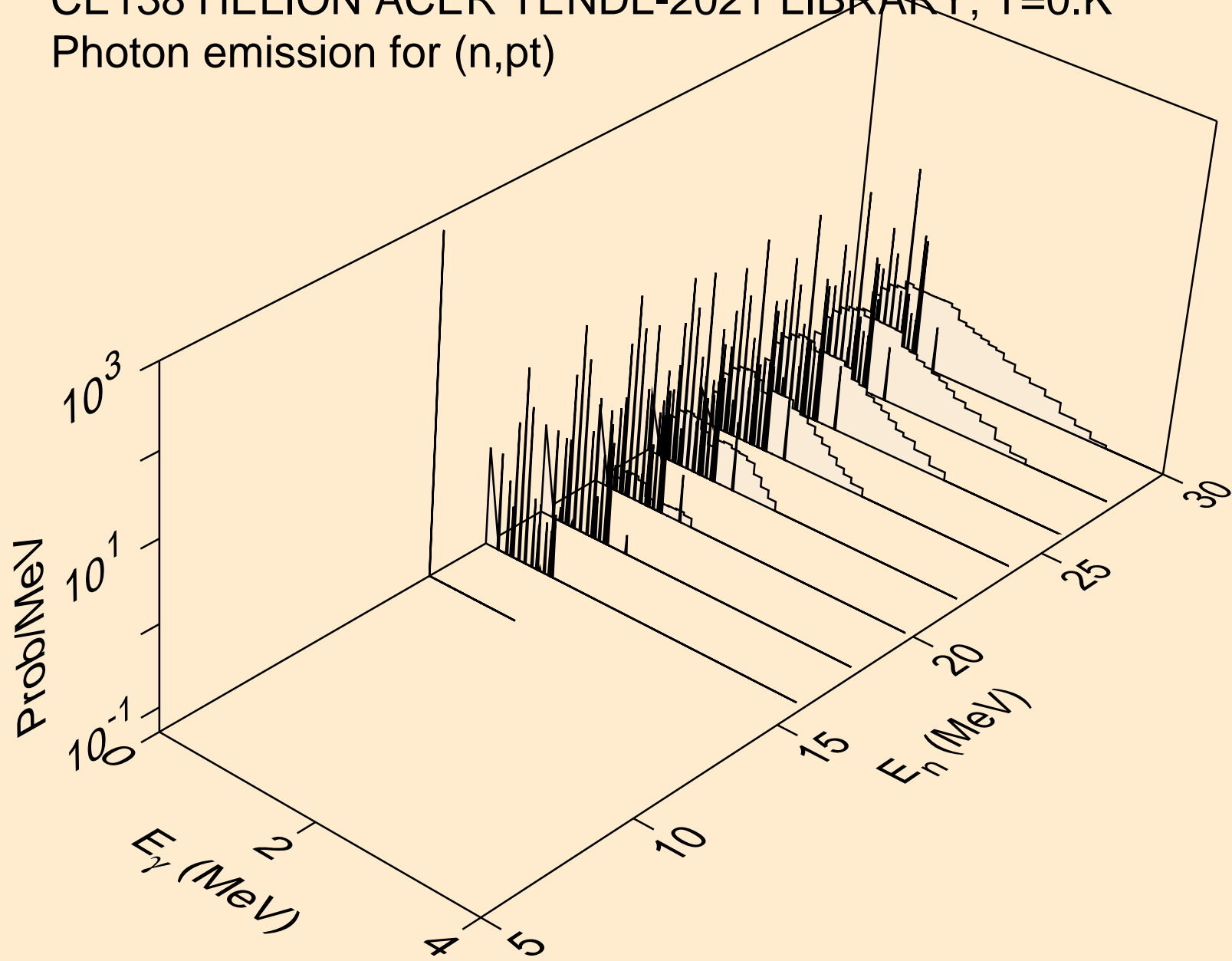
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Photon emission for (n,p $\alpha$ )



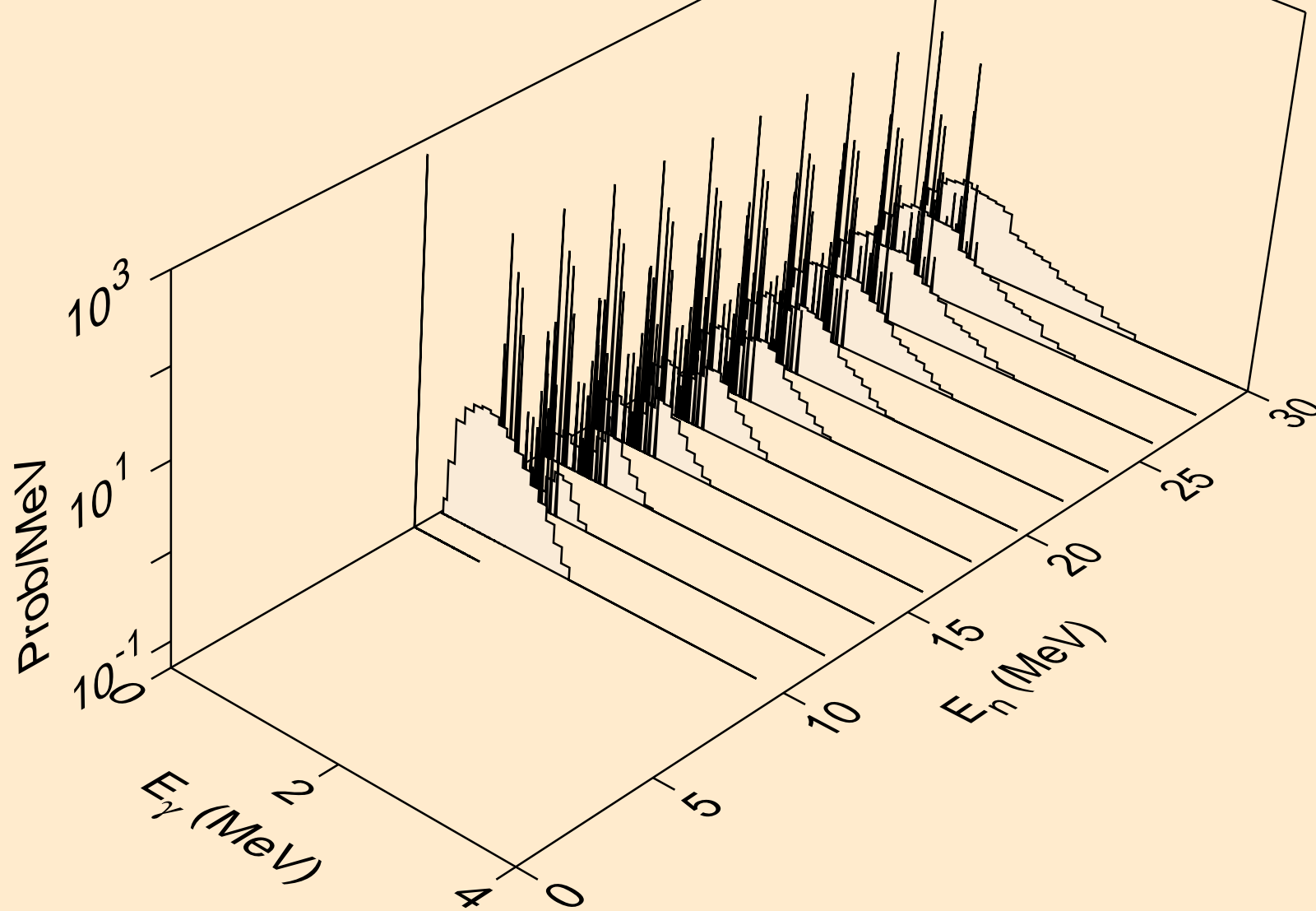
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Photon emission for (n,pd)



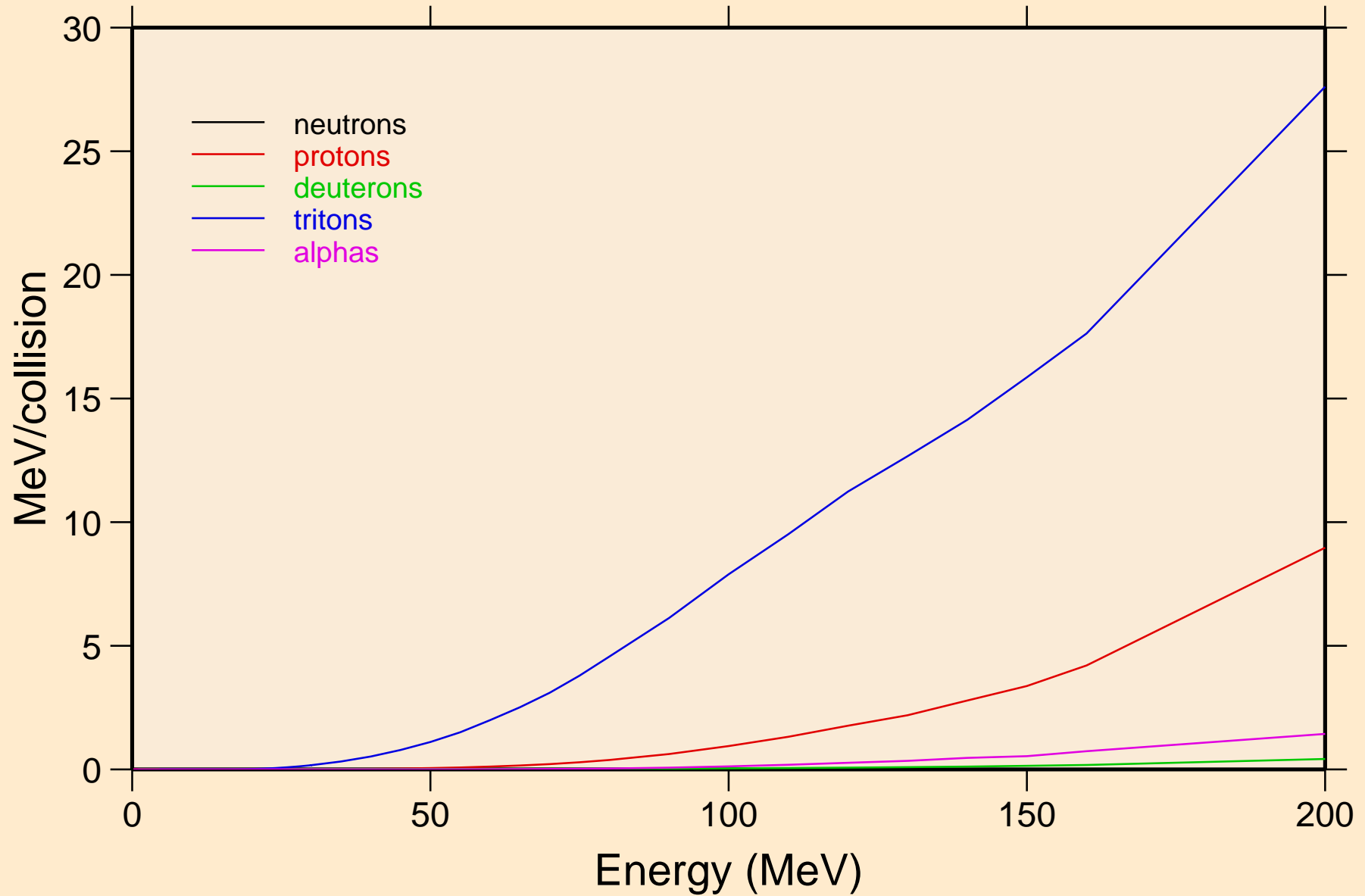
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

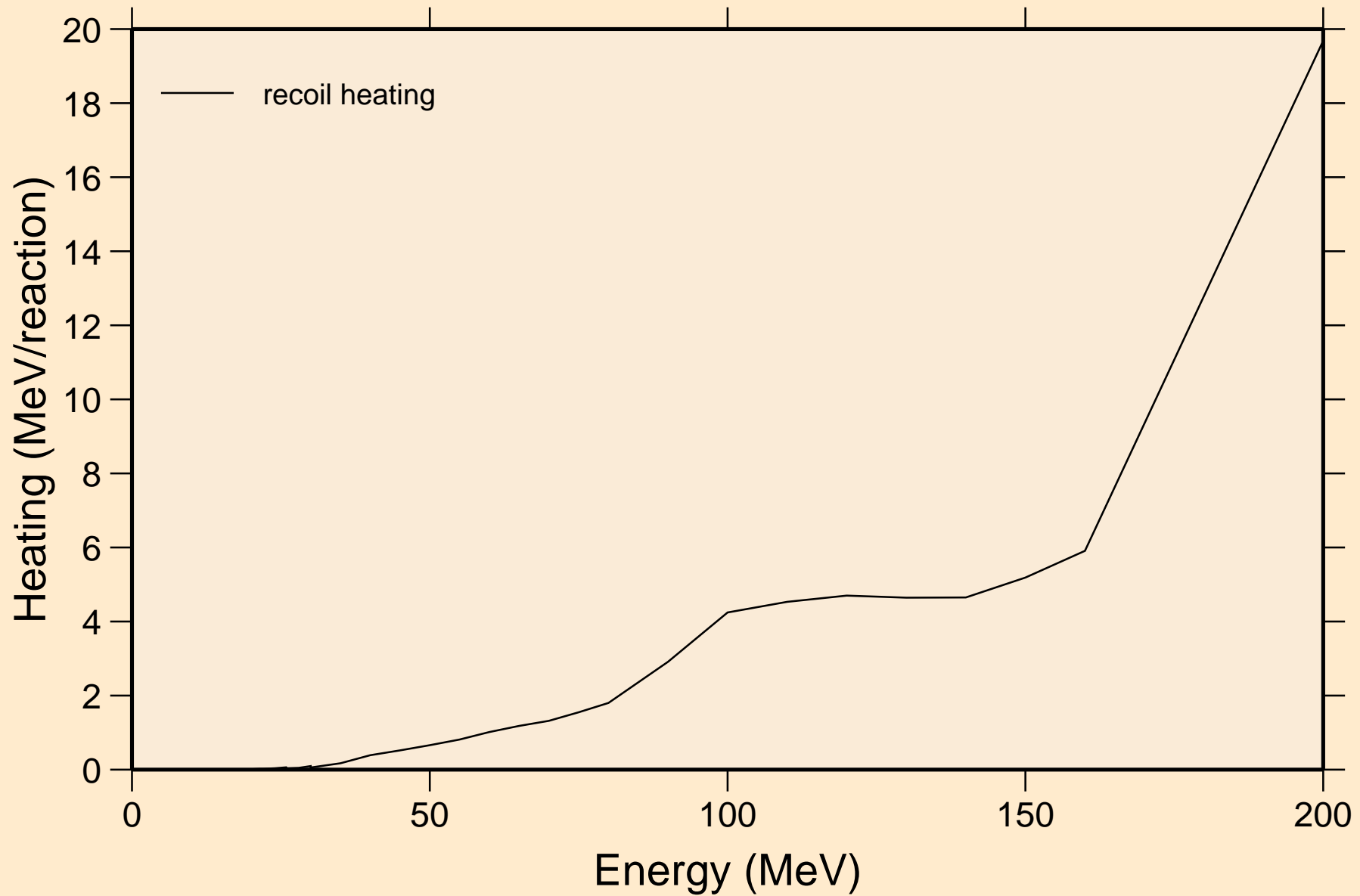


CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

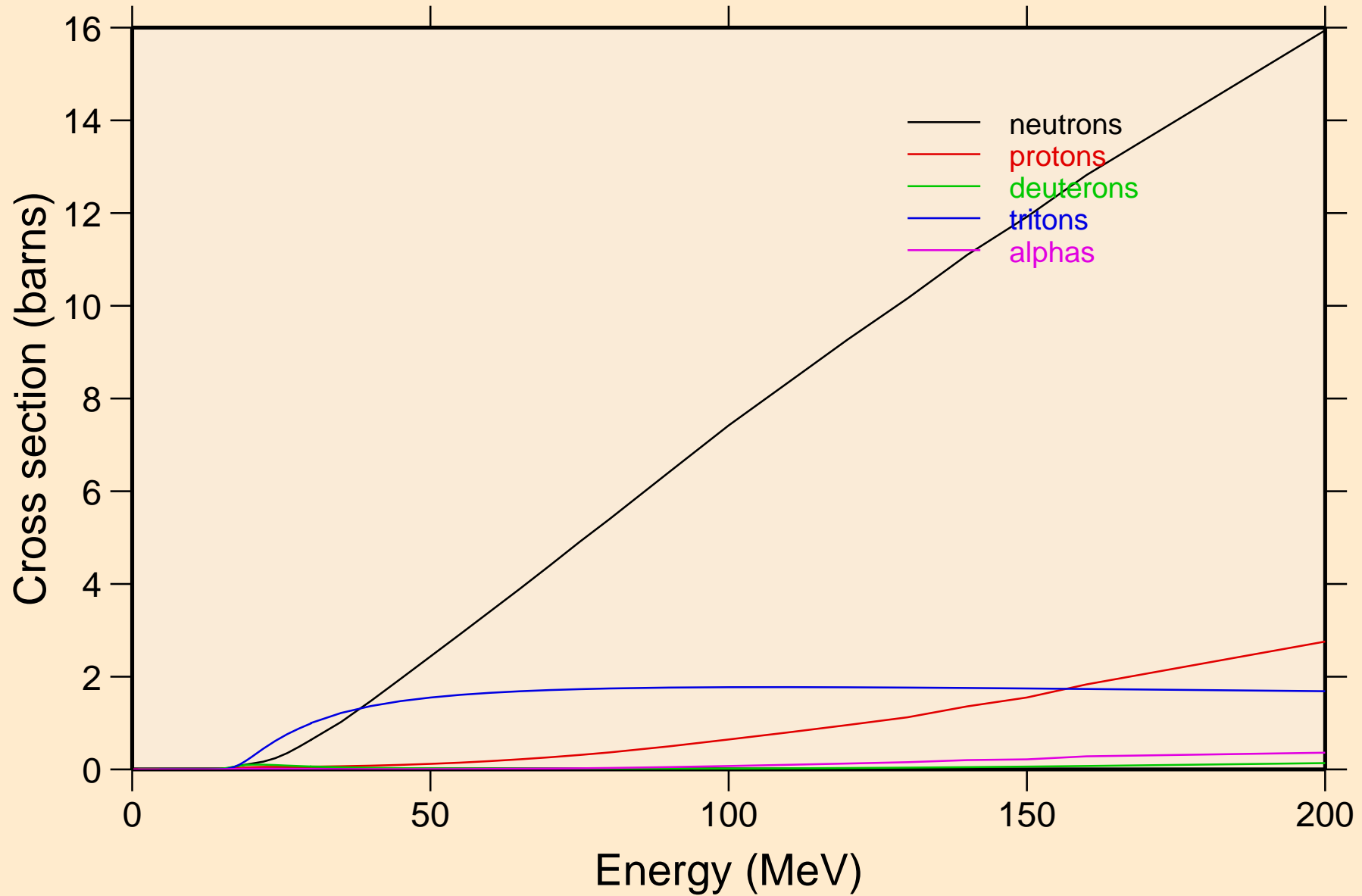




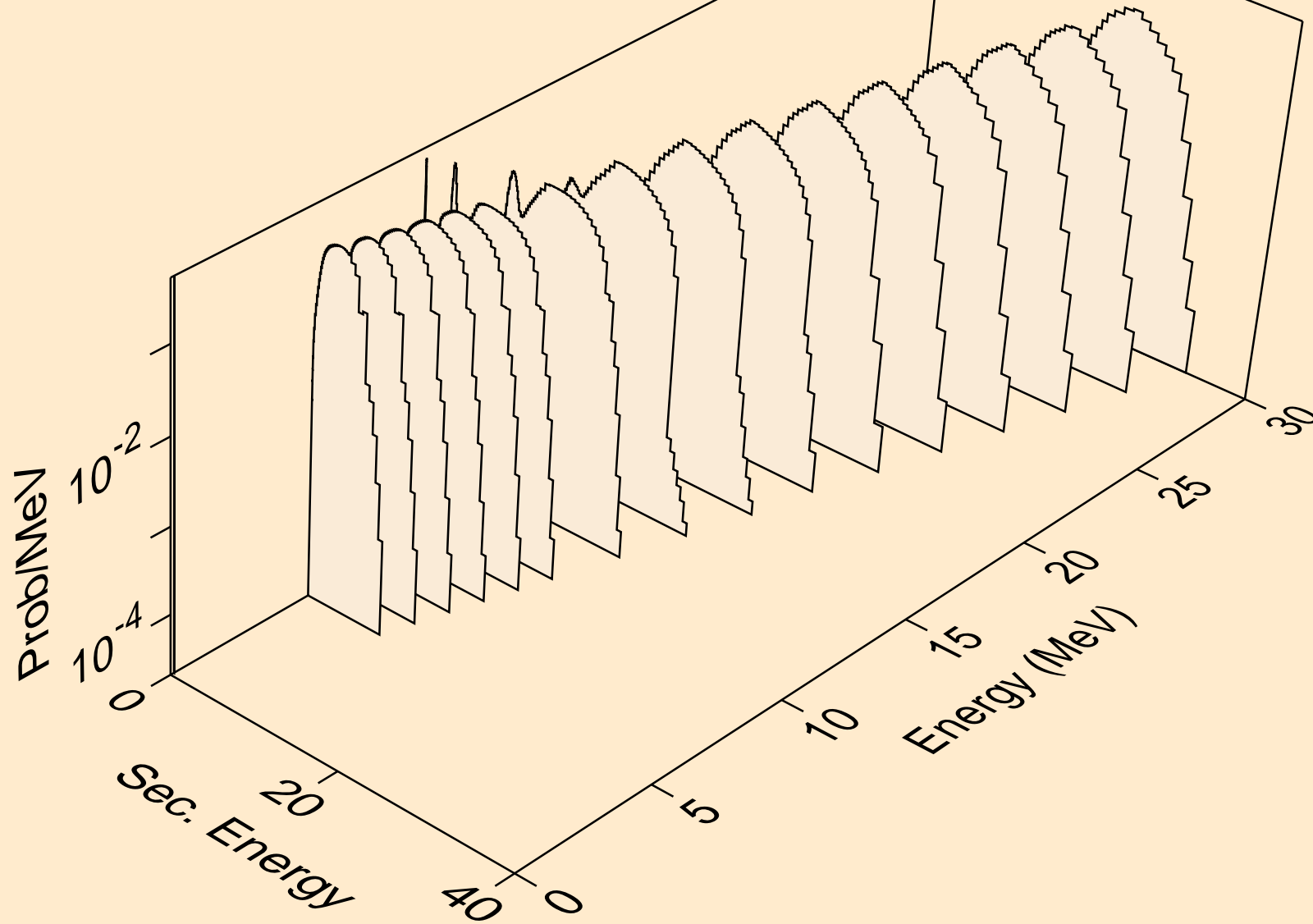
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



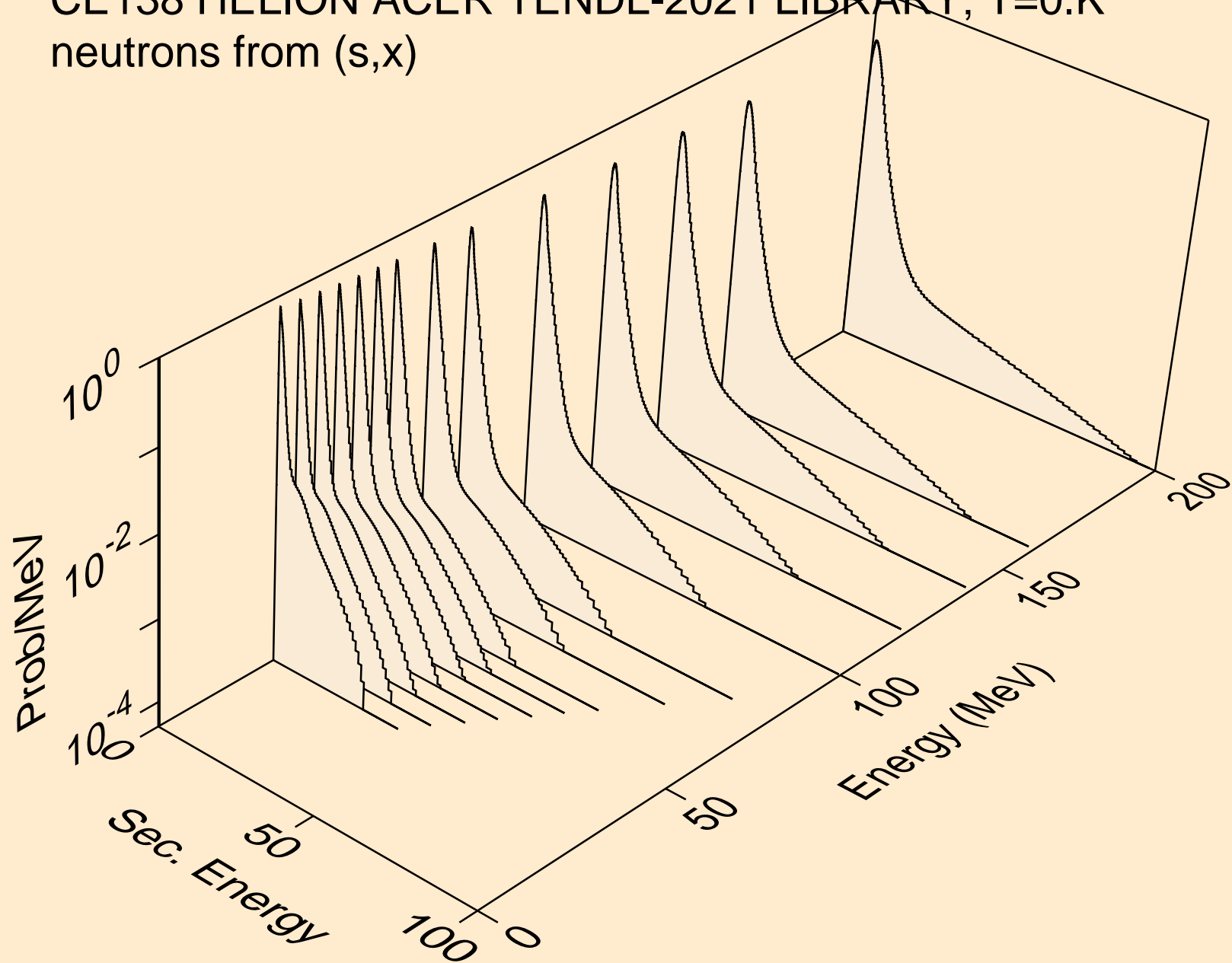
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



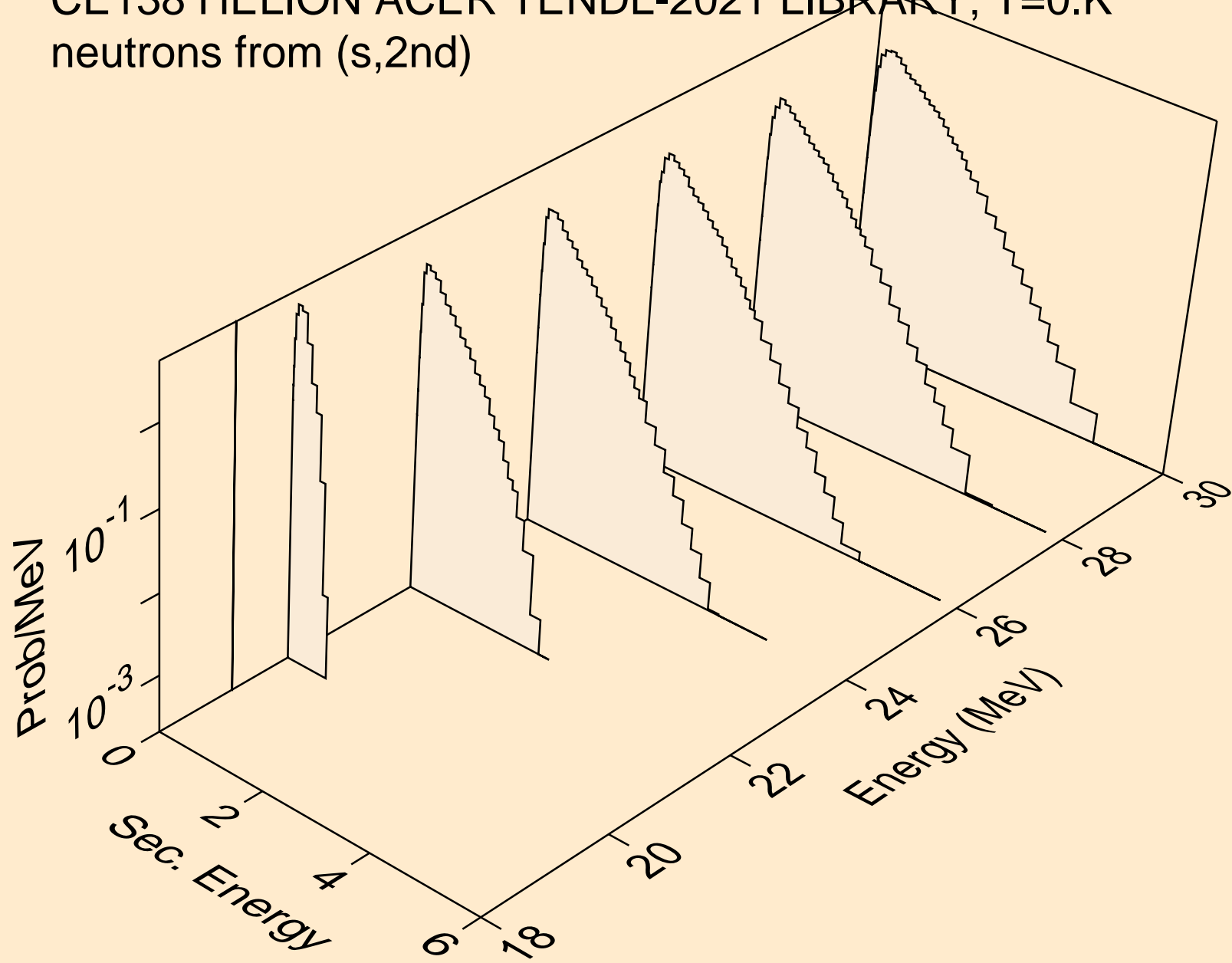
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



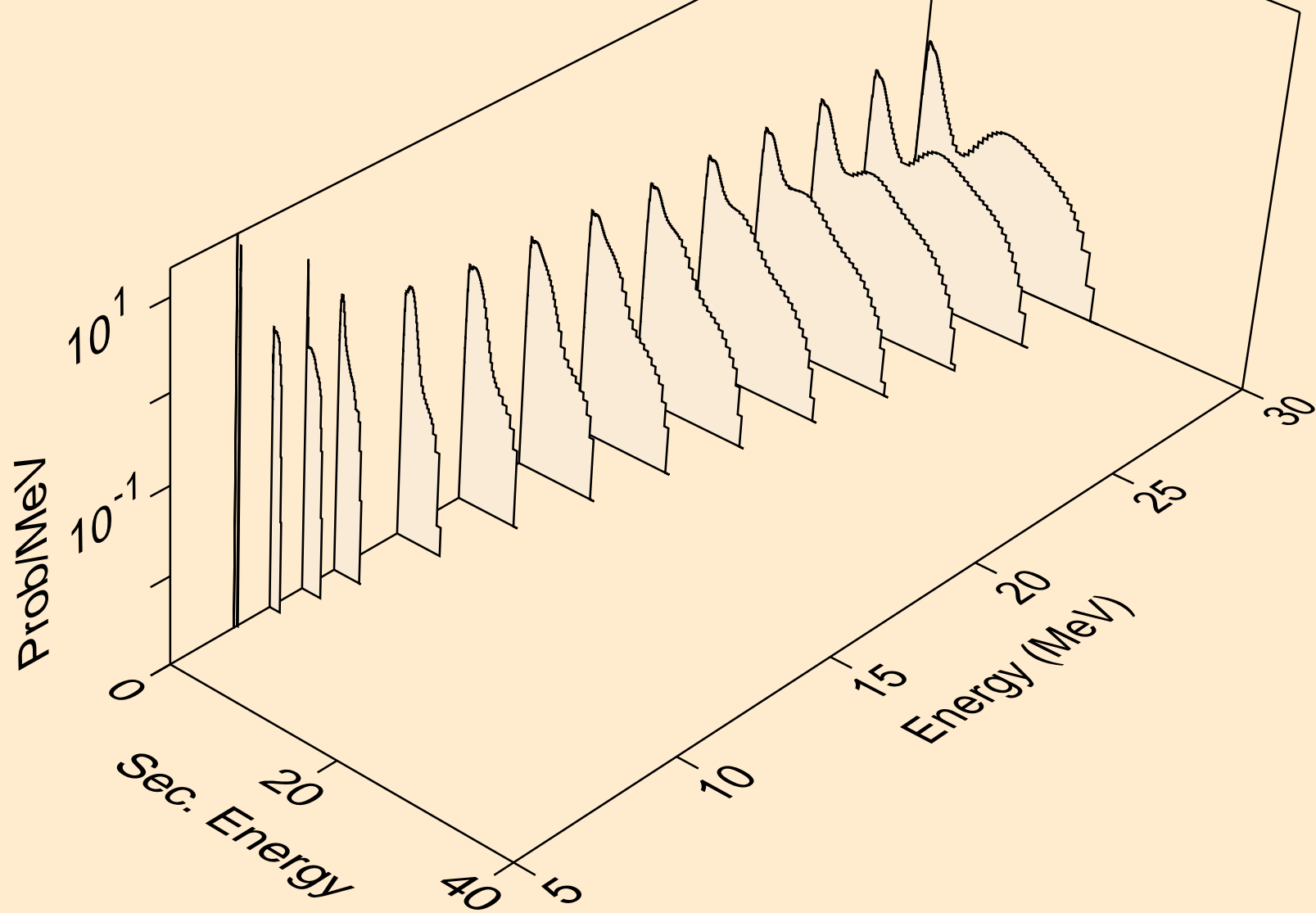
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



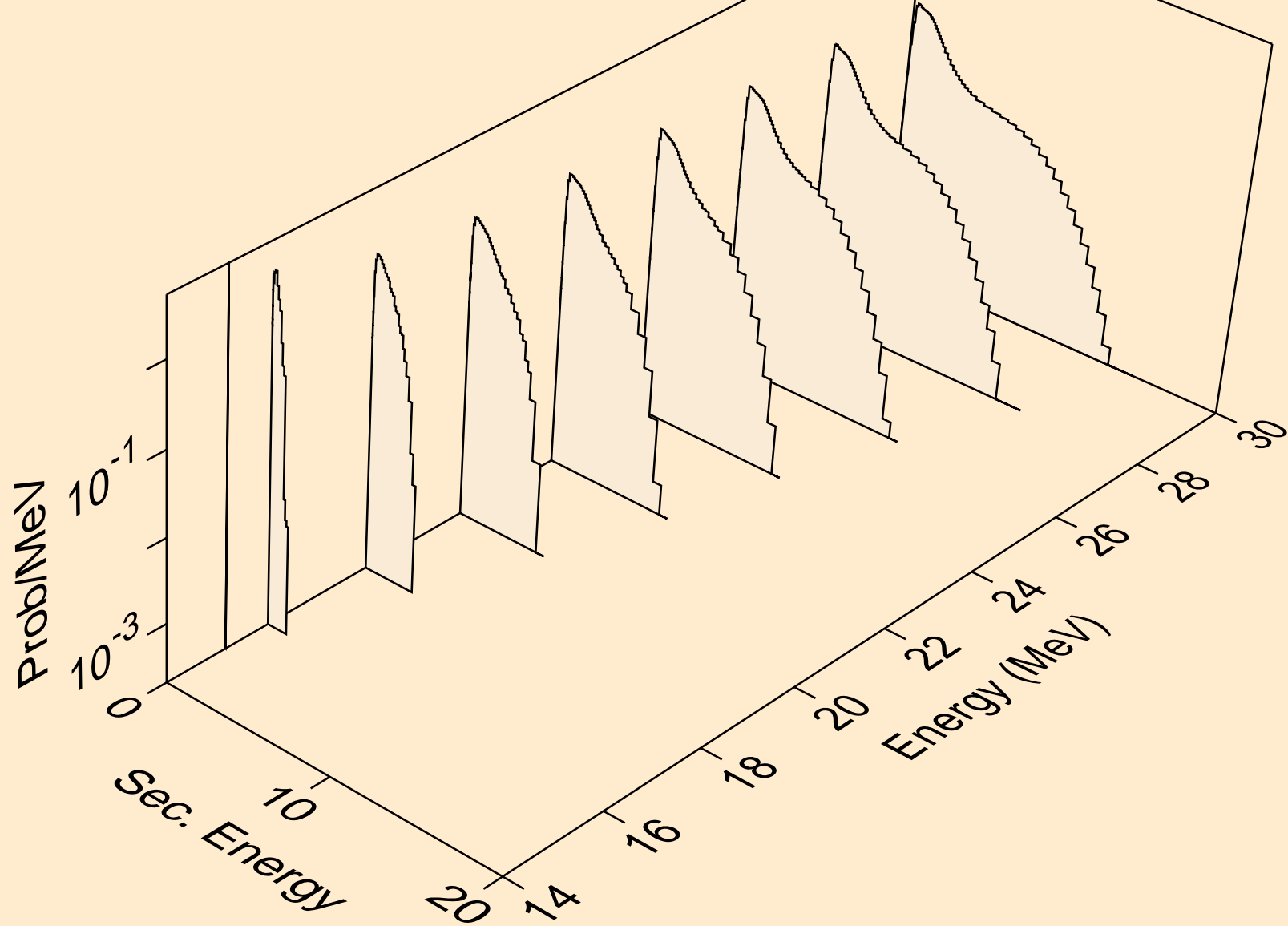
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neutrons from (s,2nd)



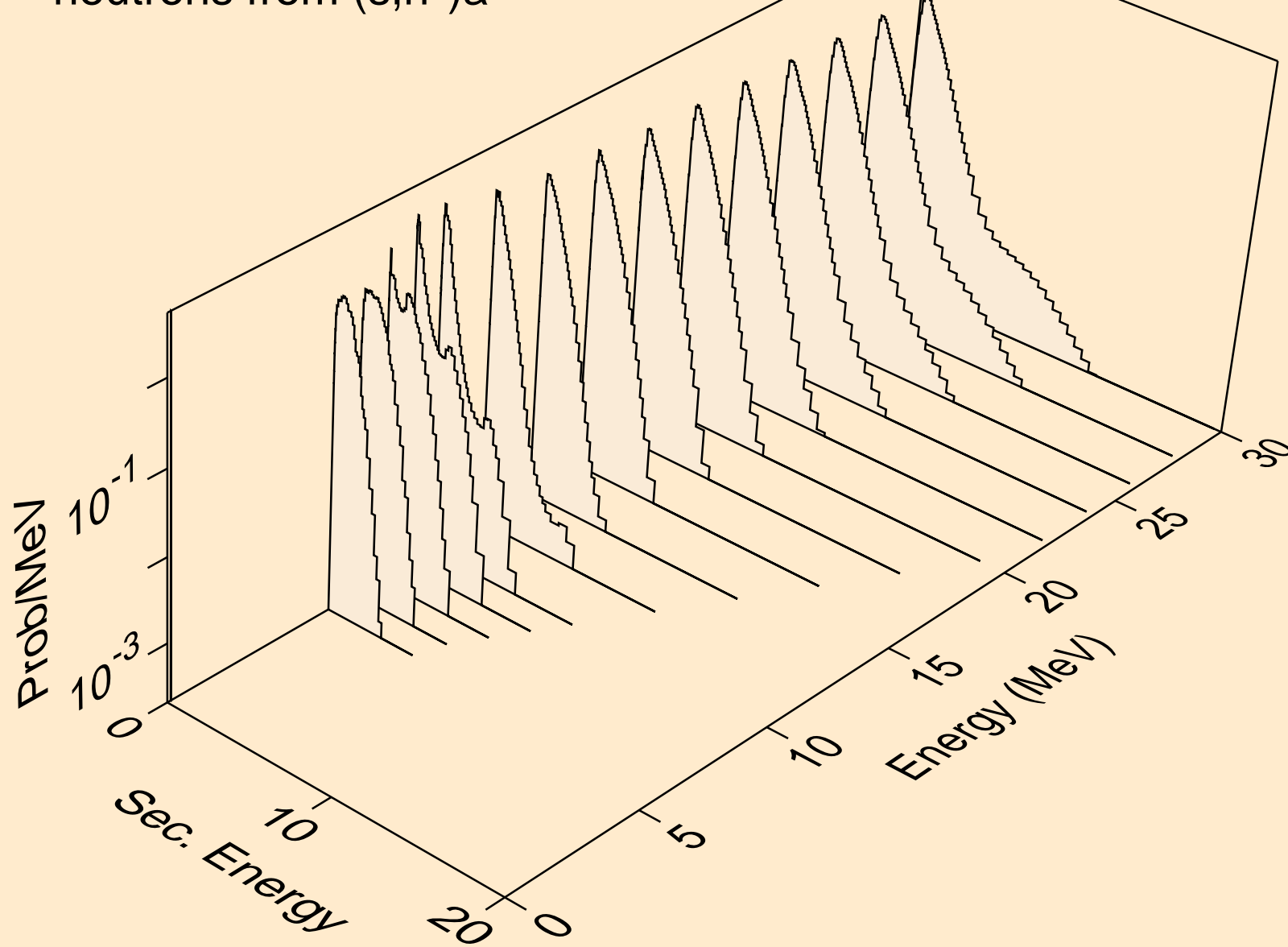
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

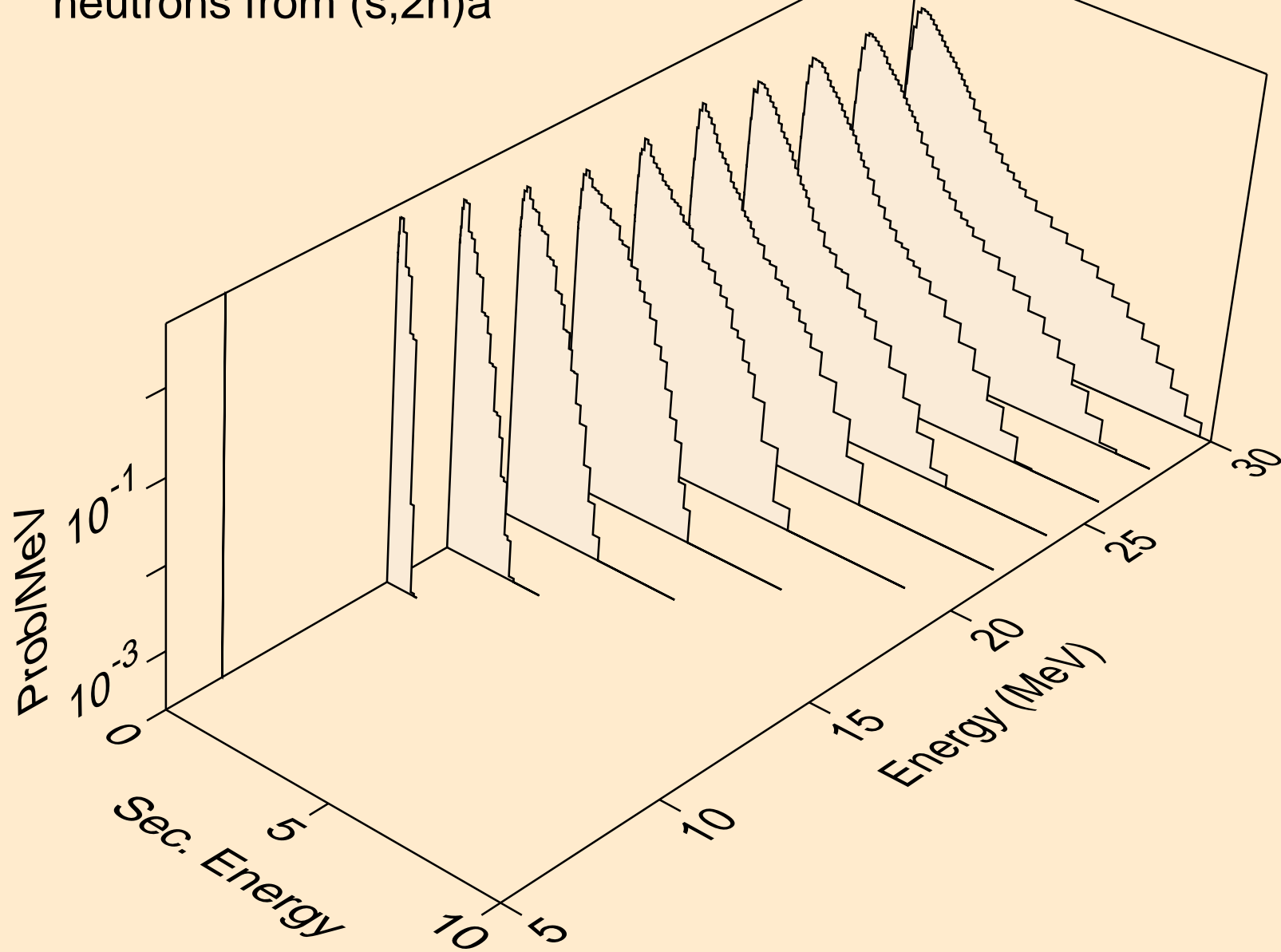


CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

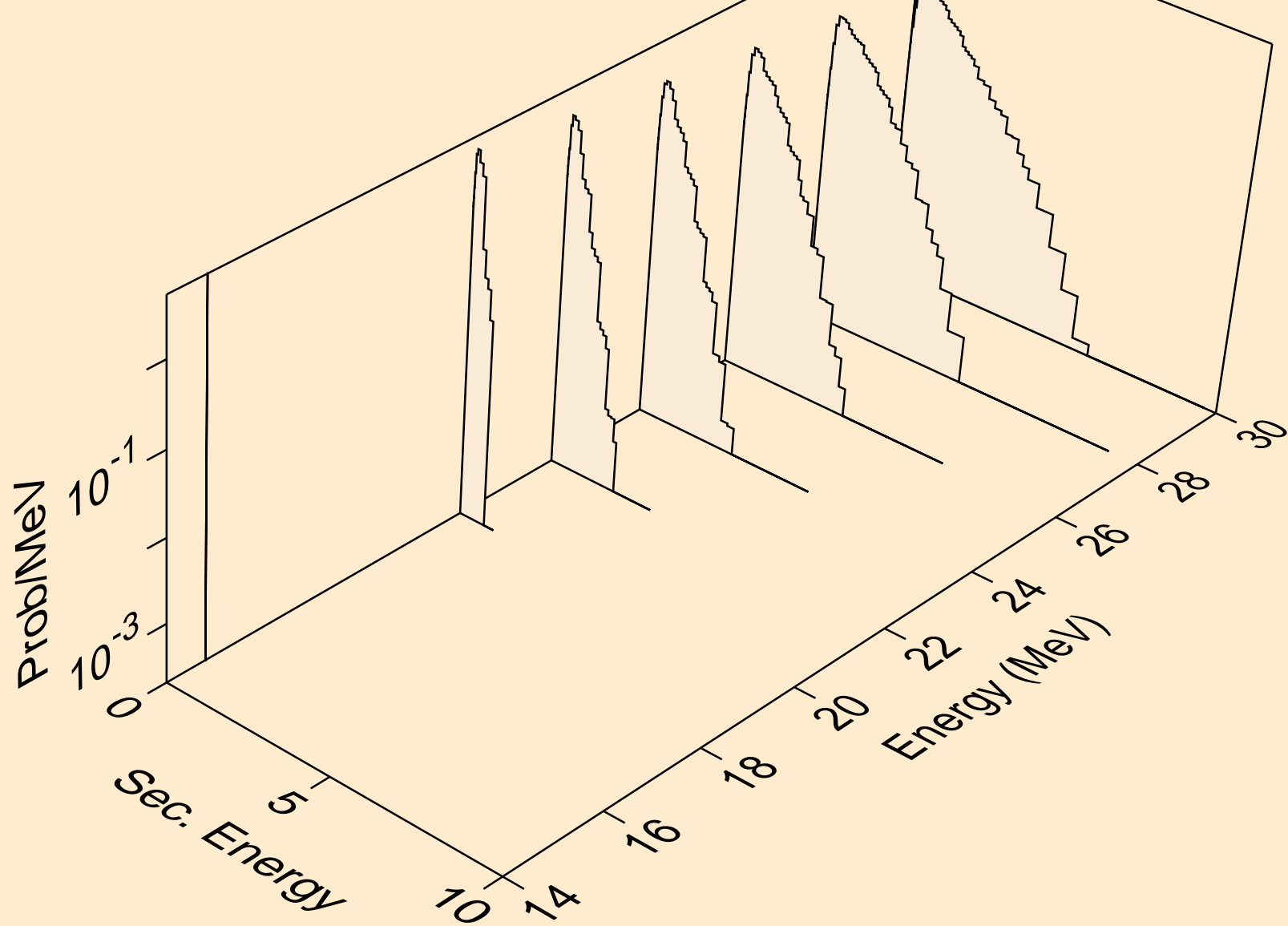




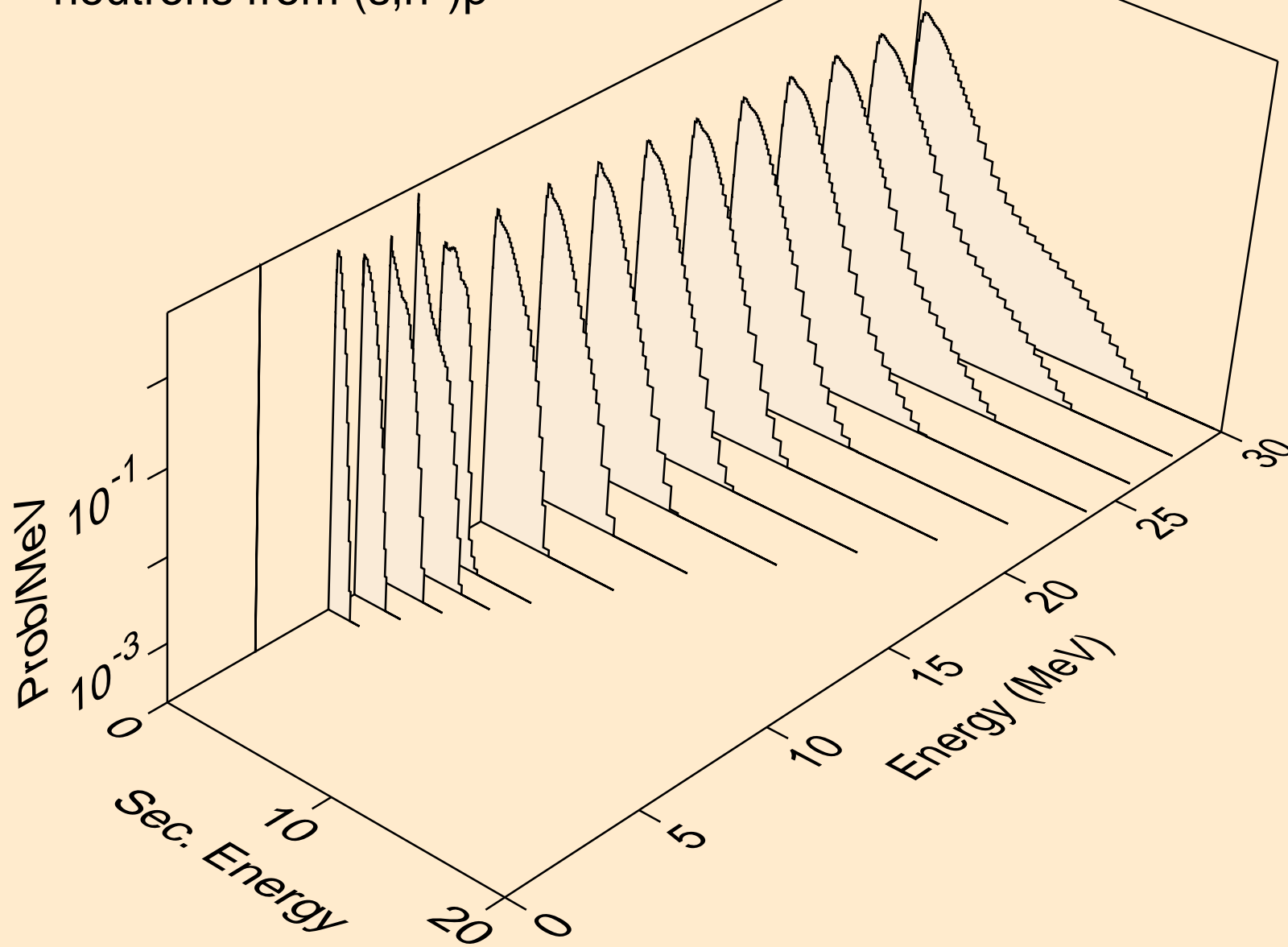
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



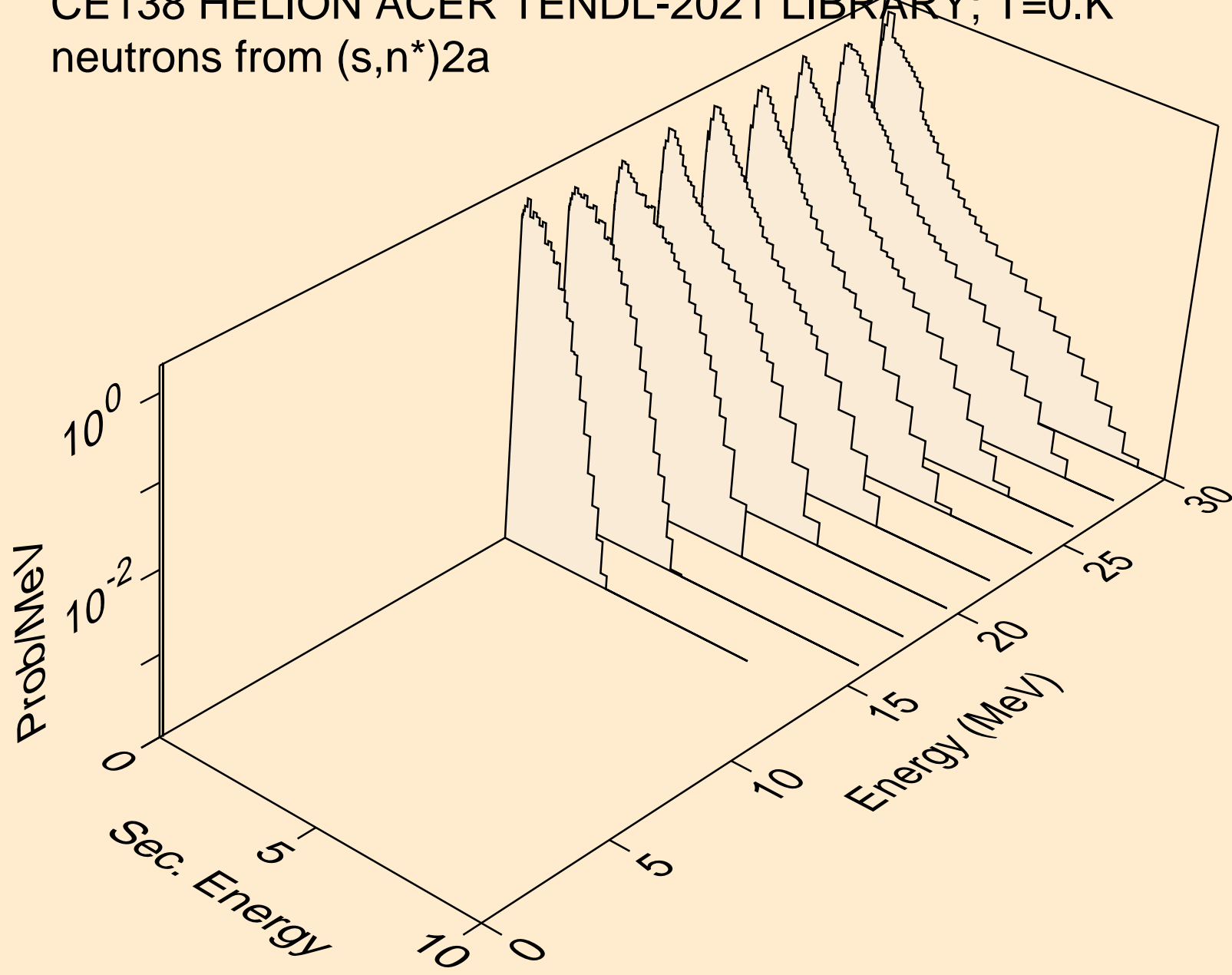
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



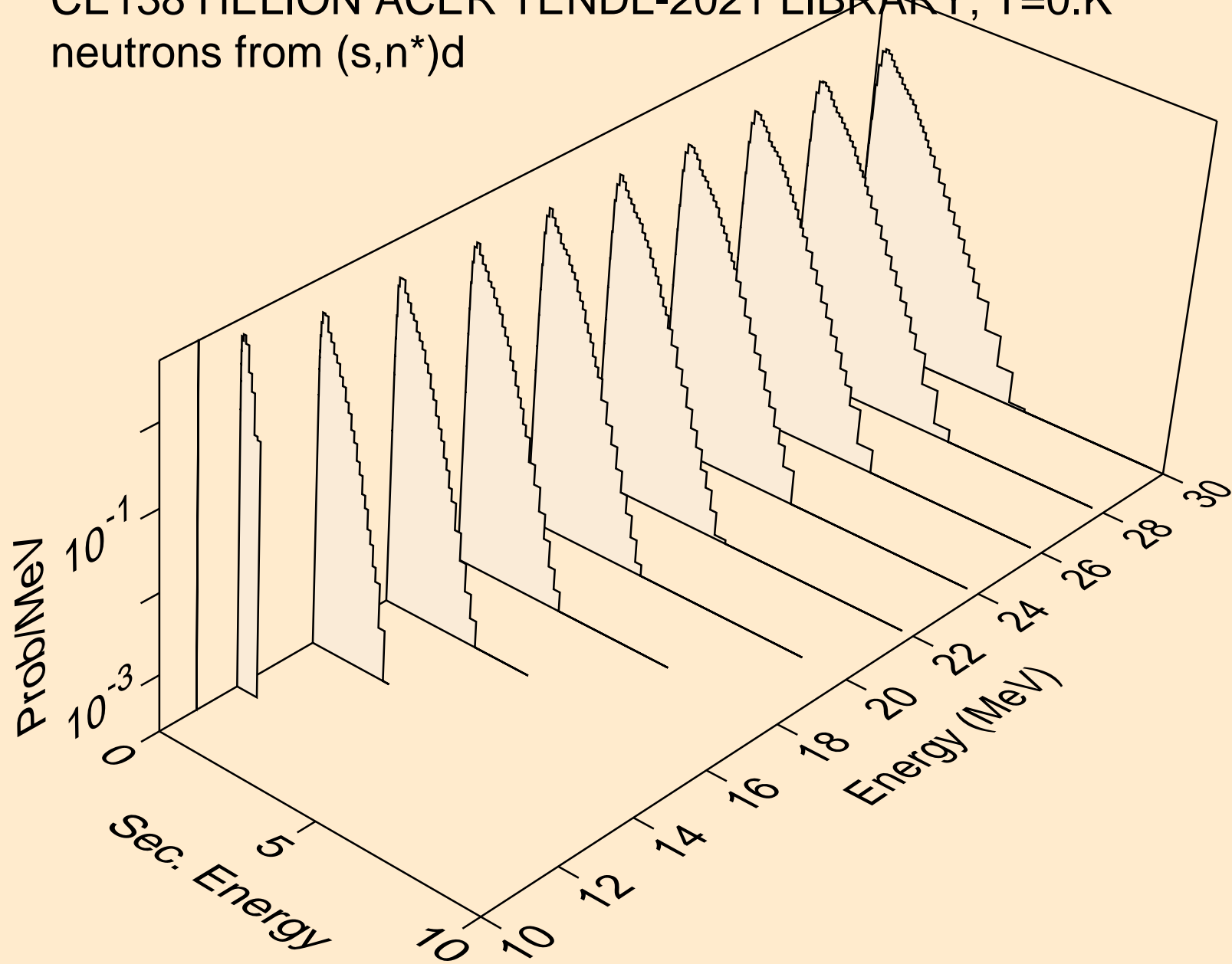
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



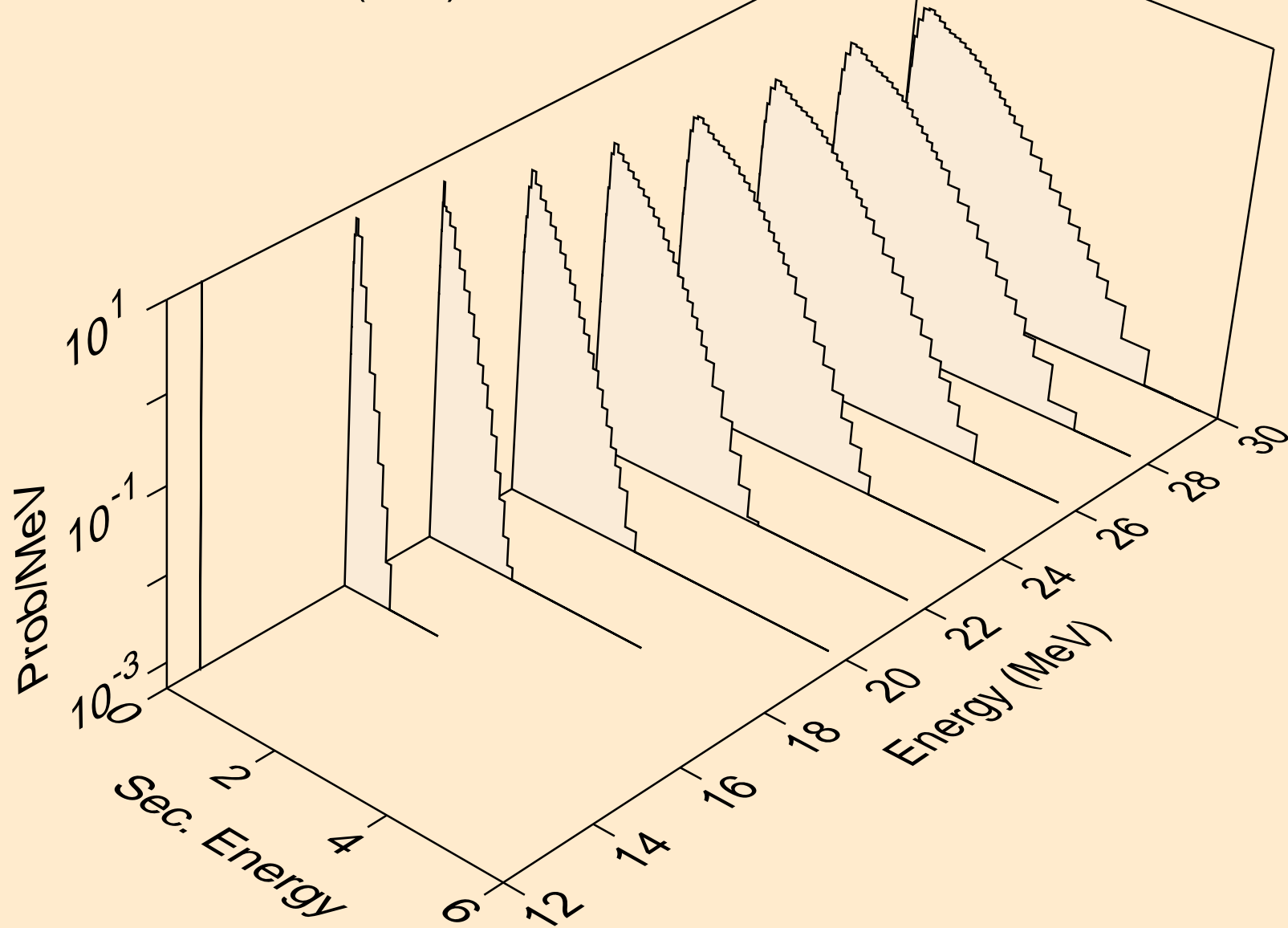
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



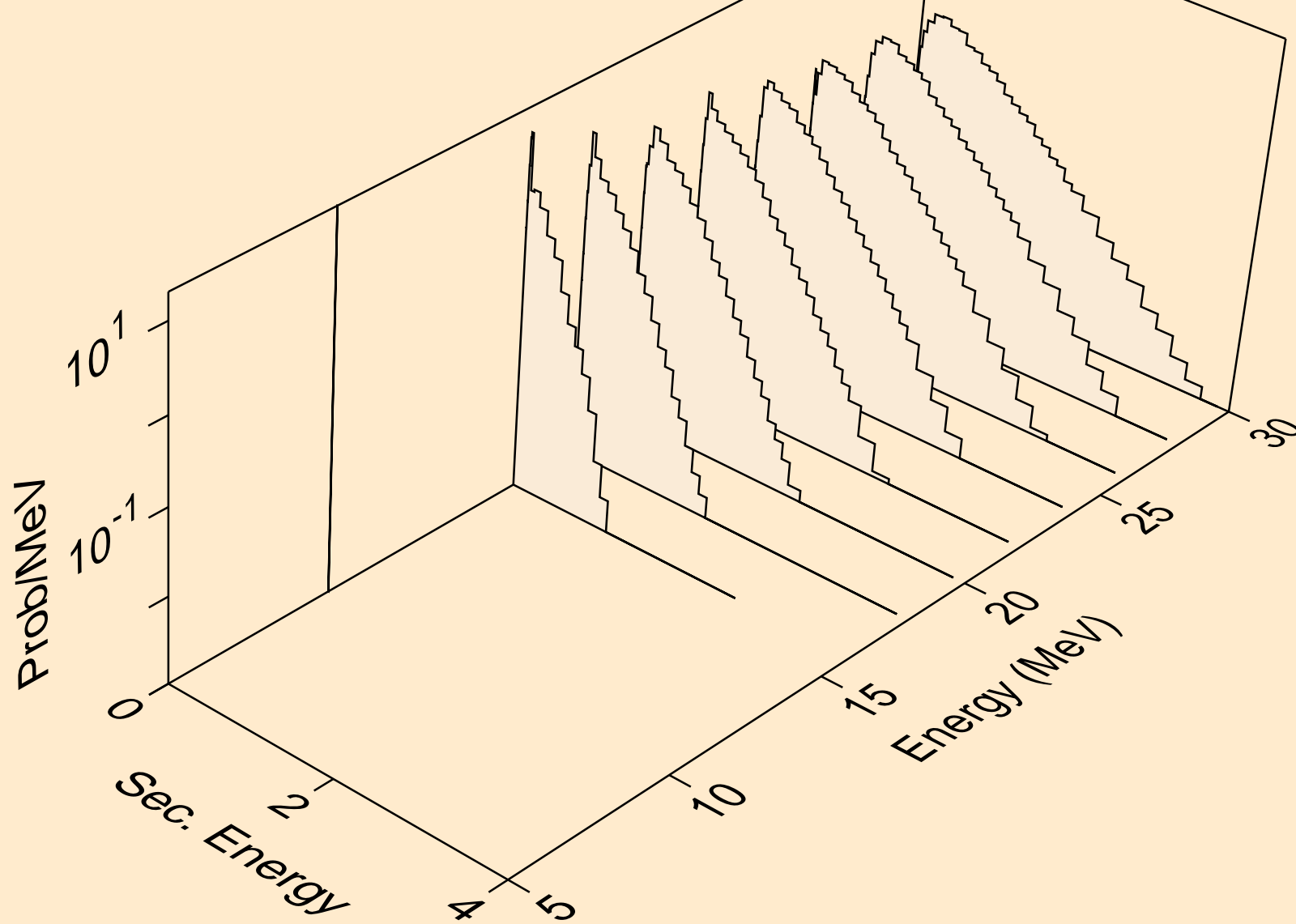
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



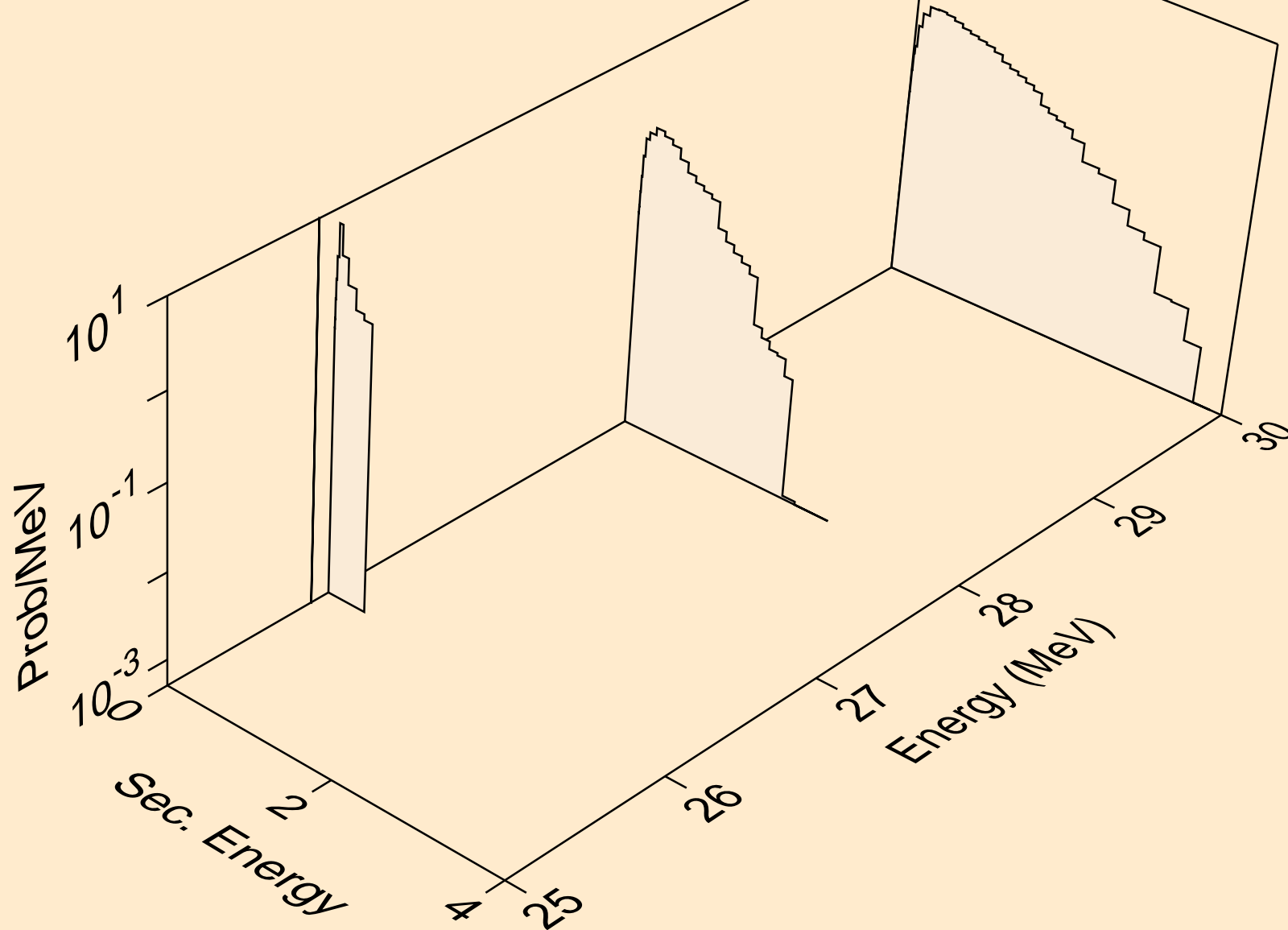
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

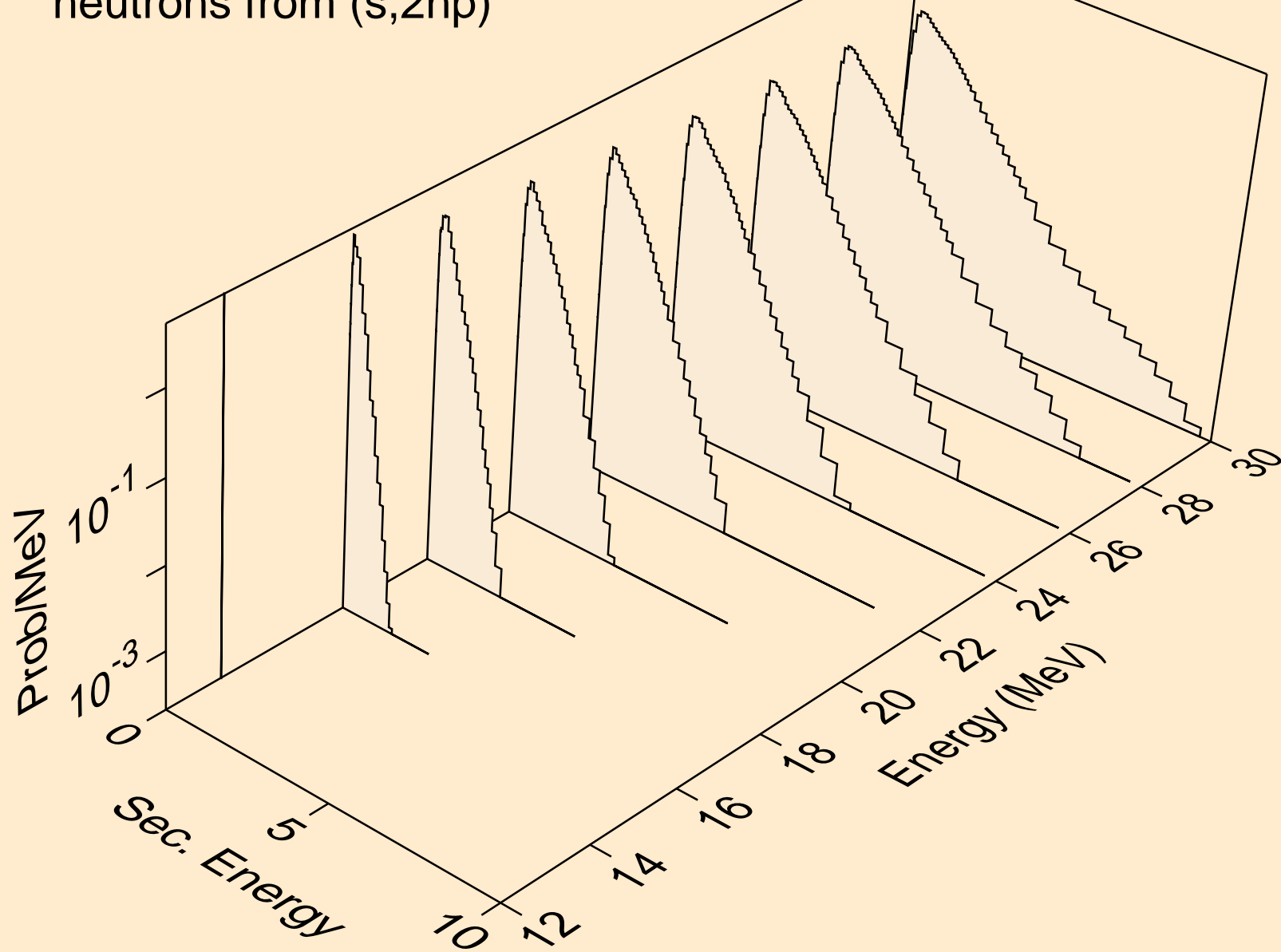


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neutrons from (s,4n)

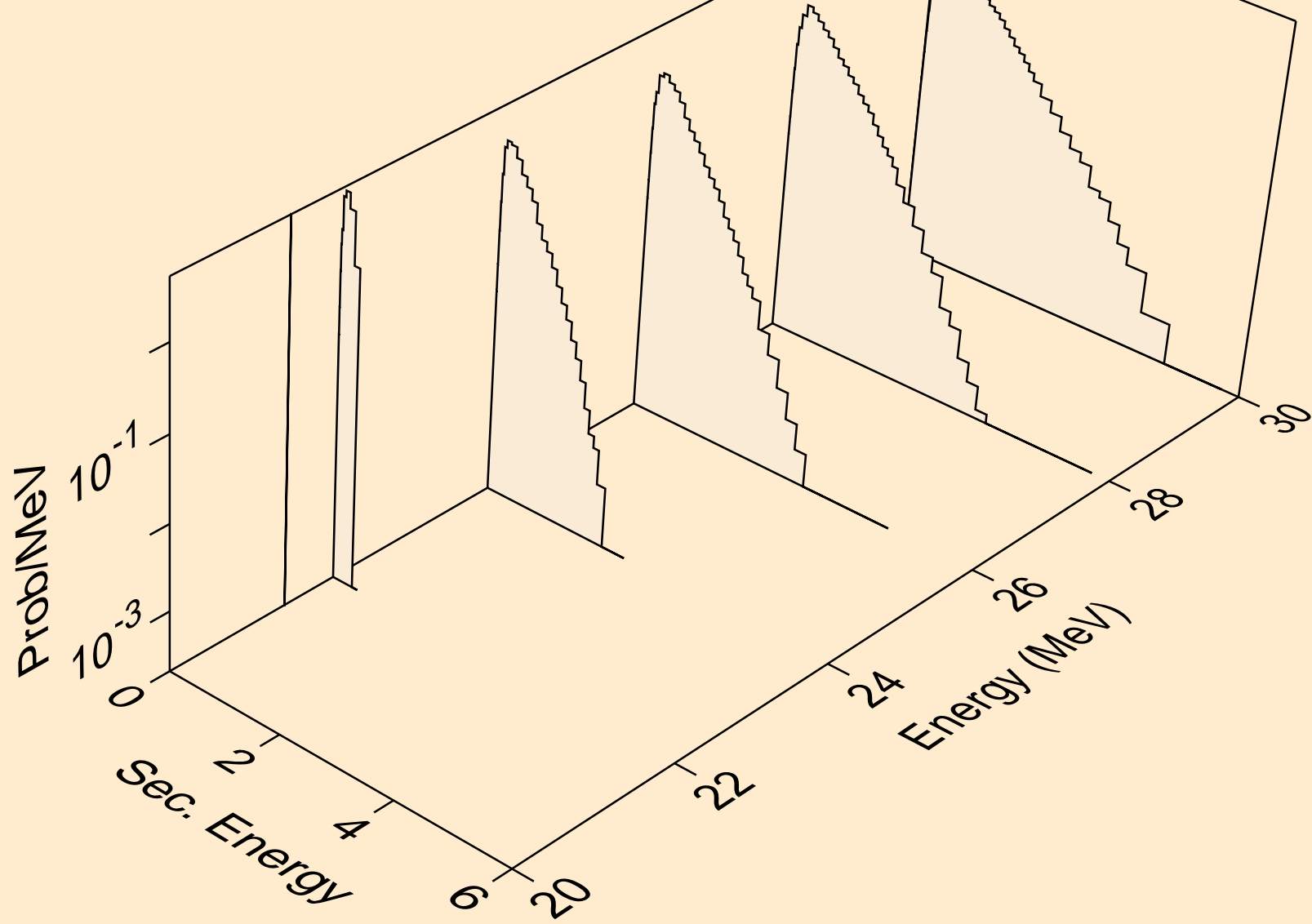




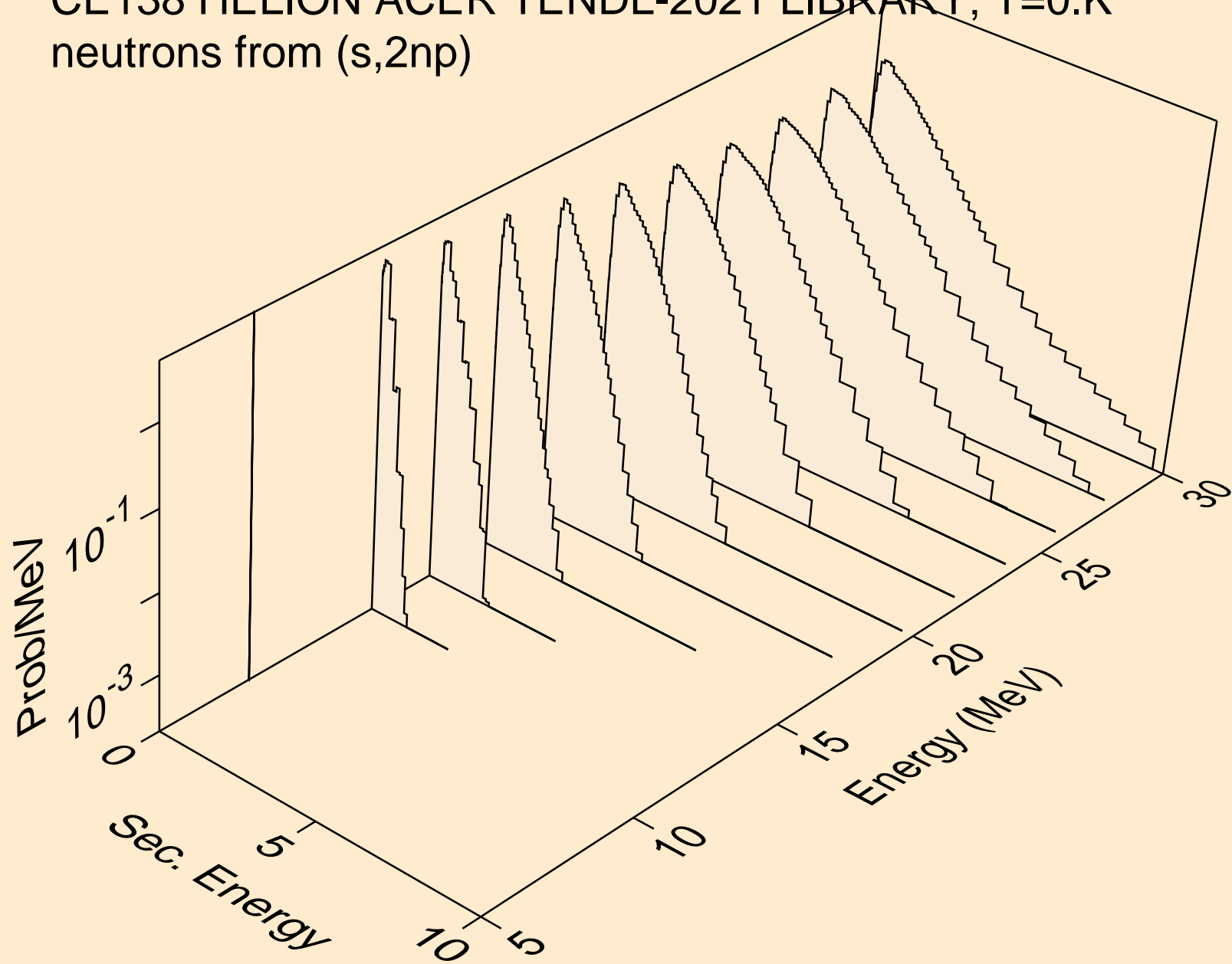
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neutrons from (s,2np)



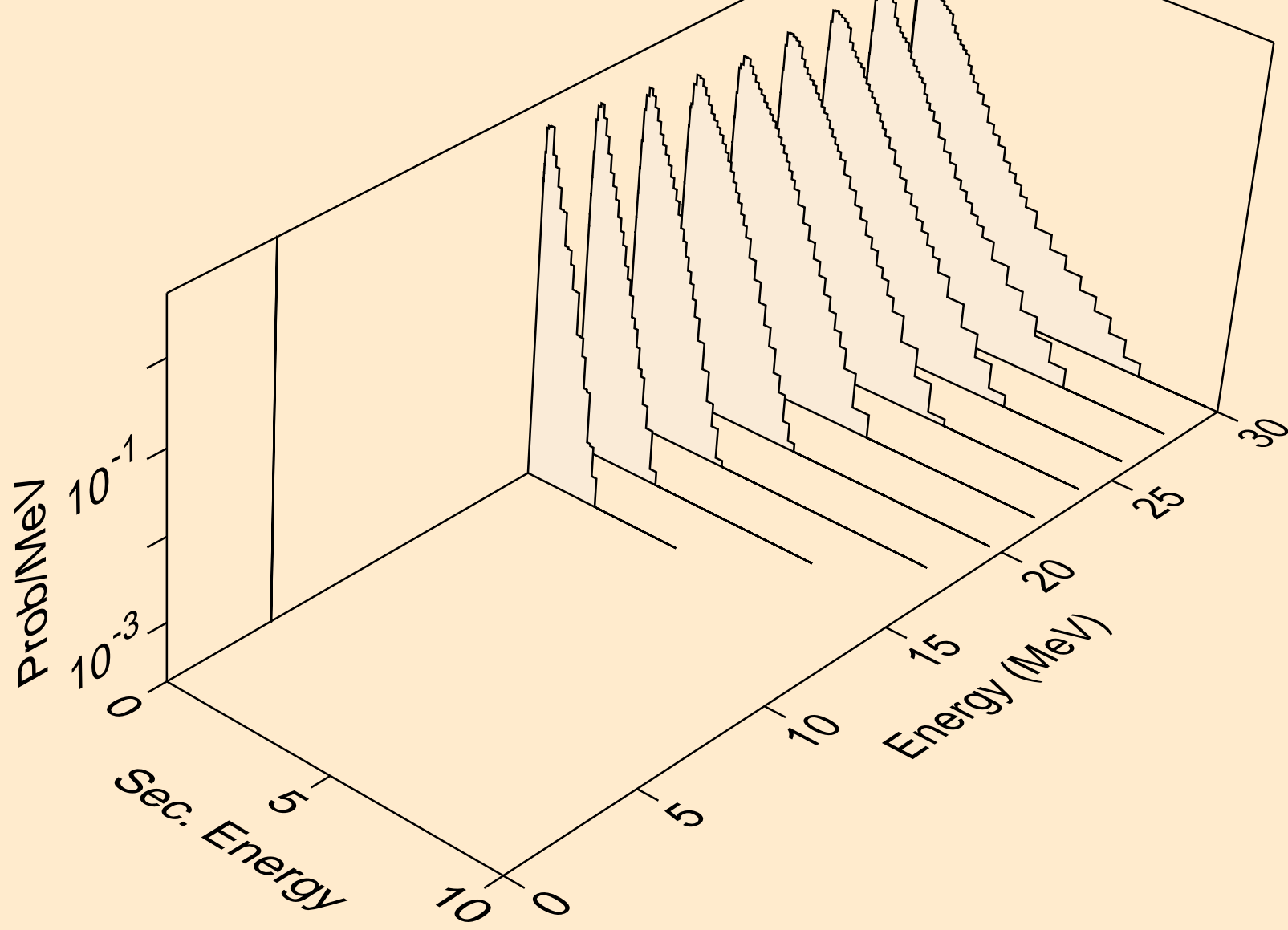
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



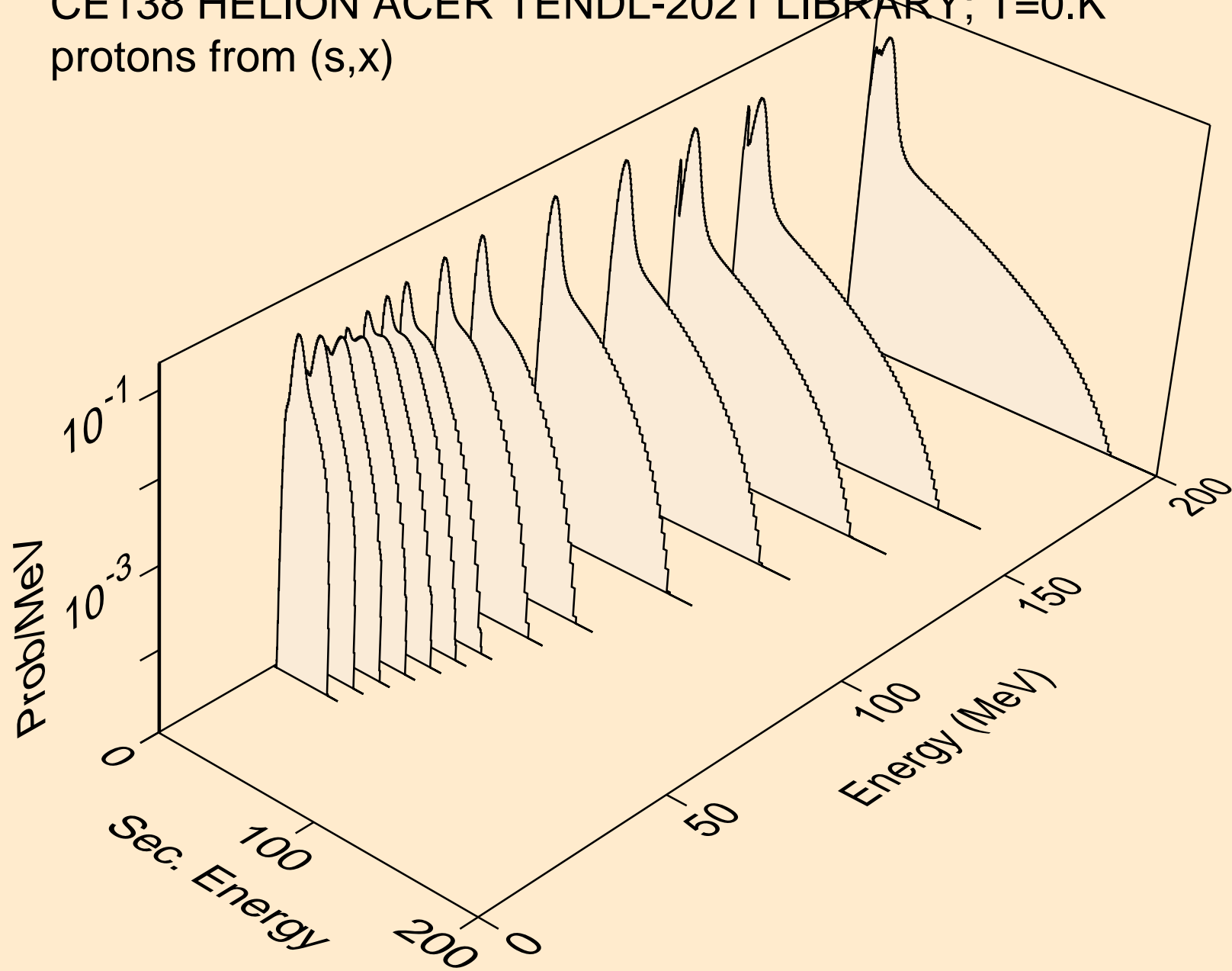
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



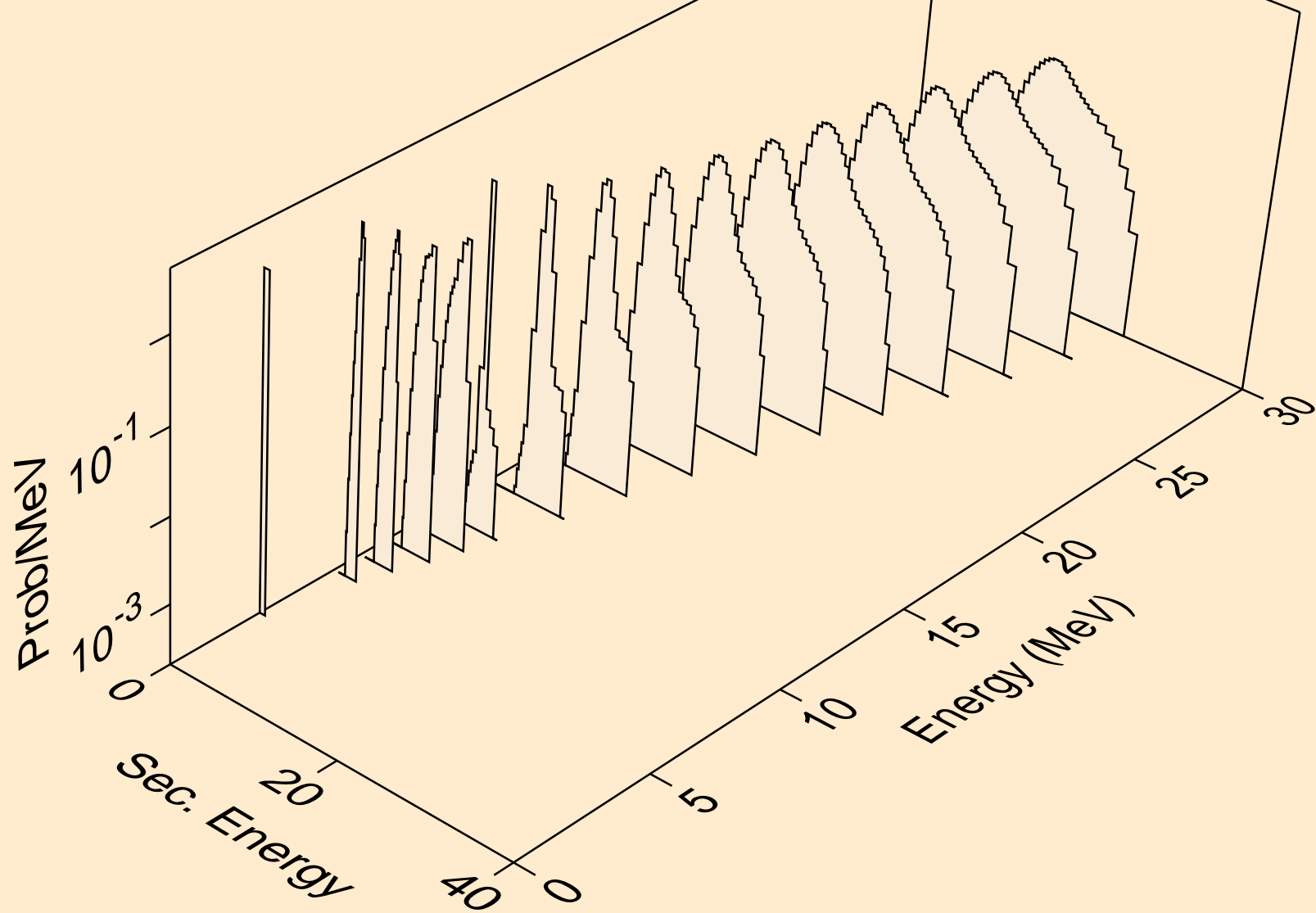
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



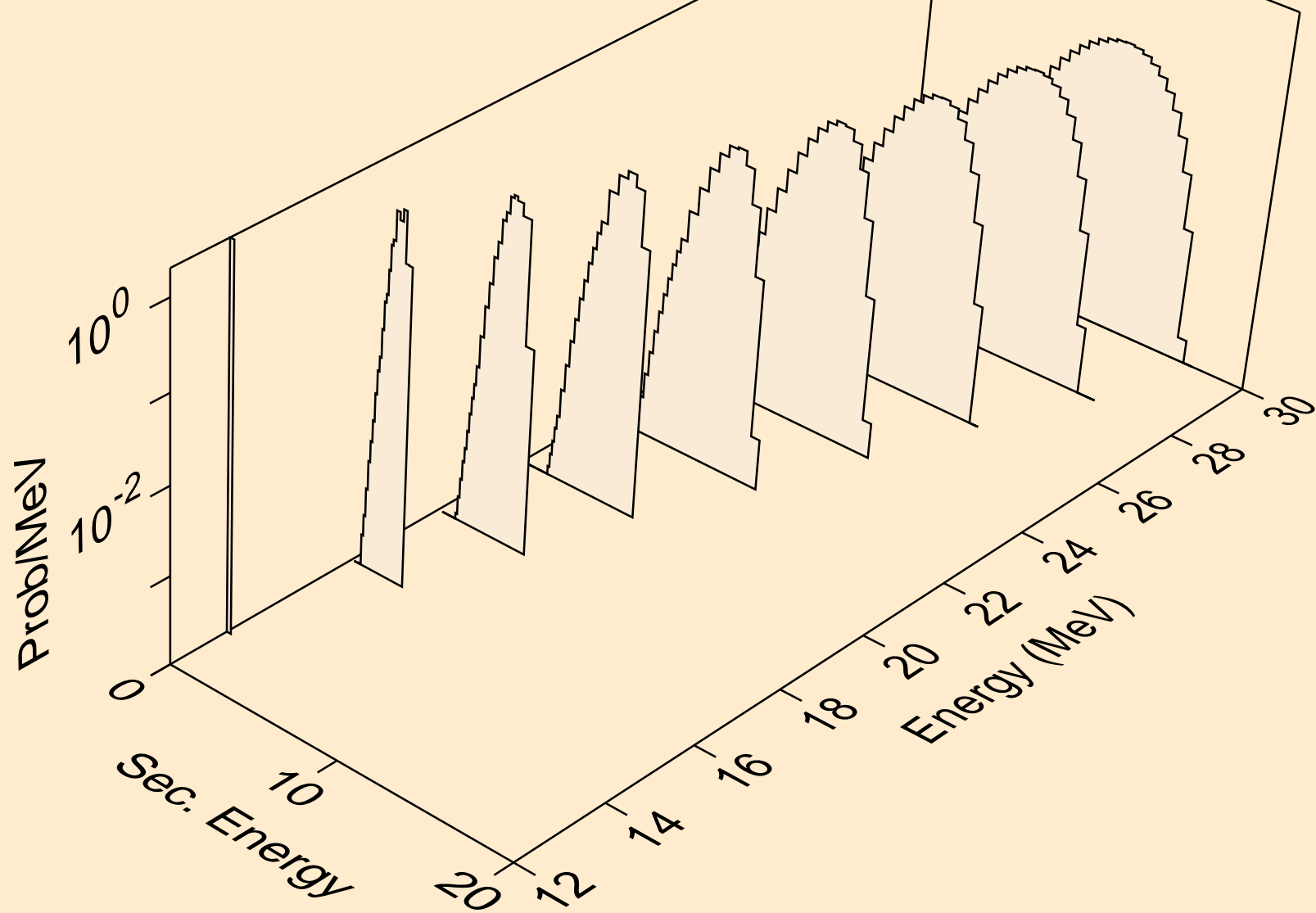
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



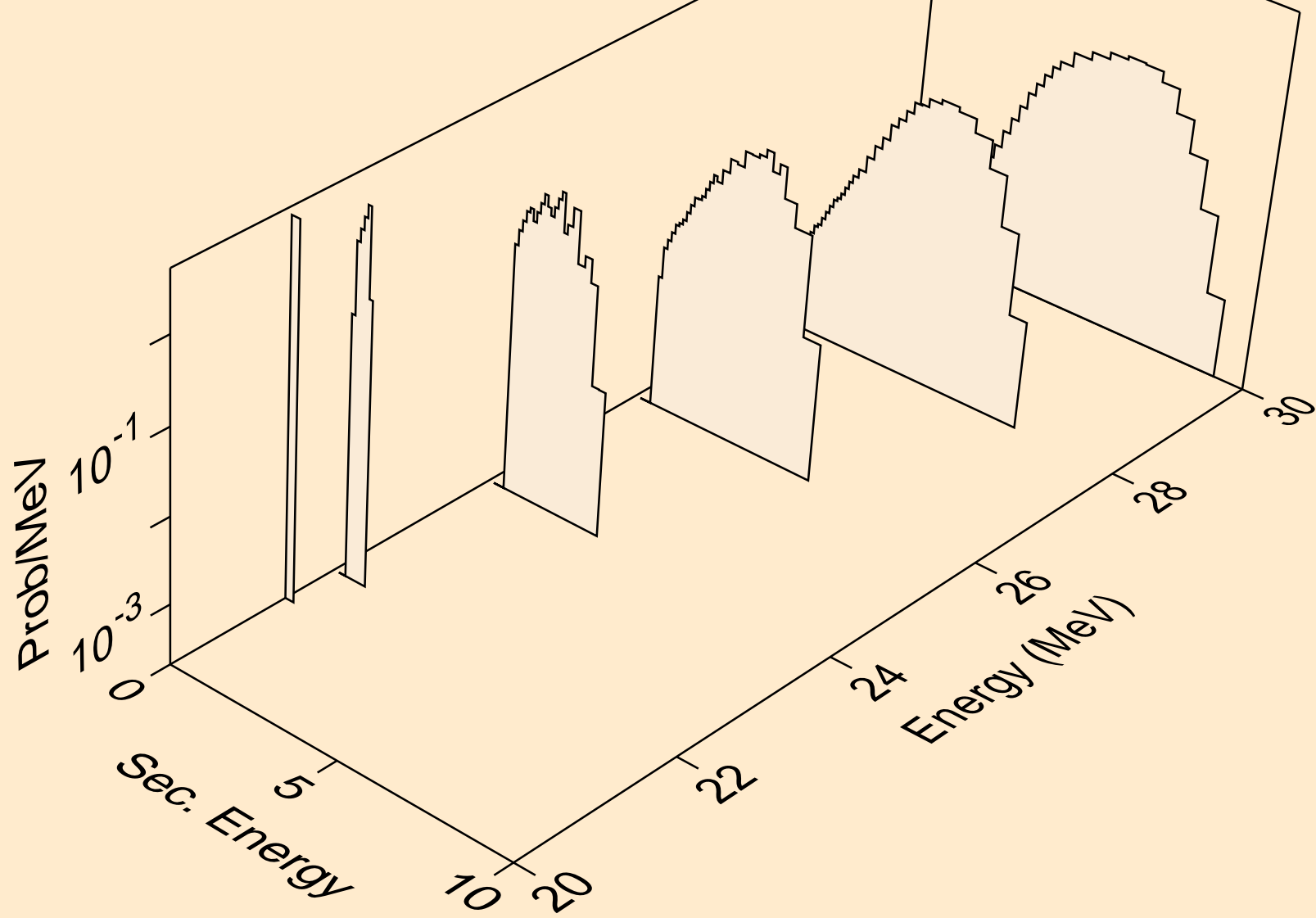
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

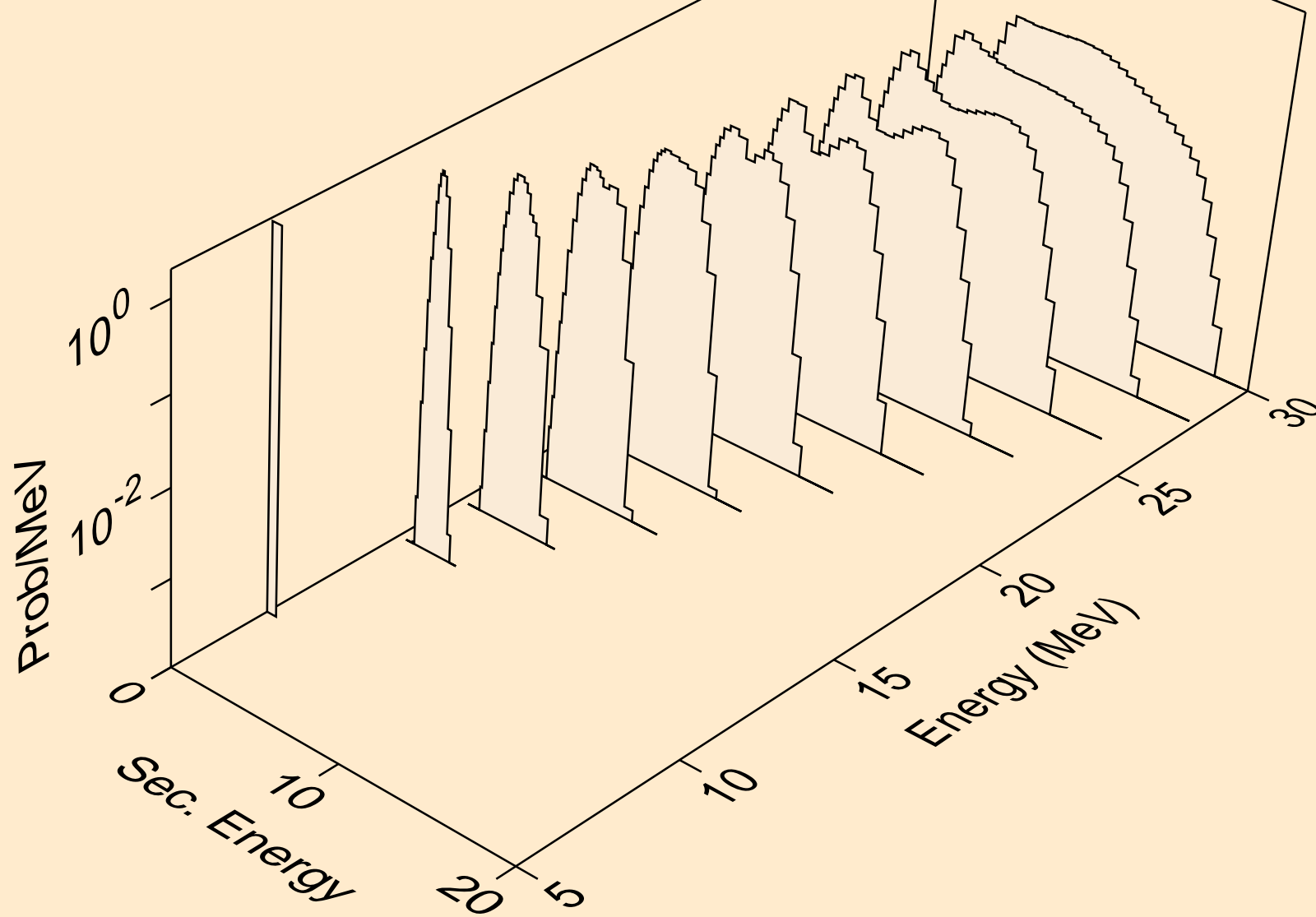


CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)

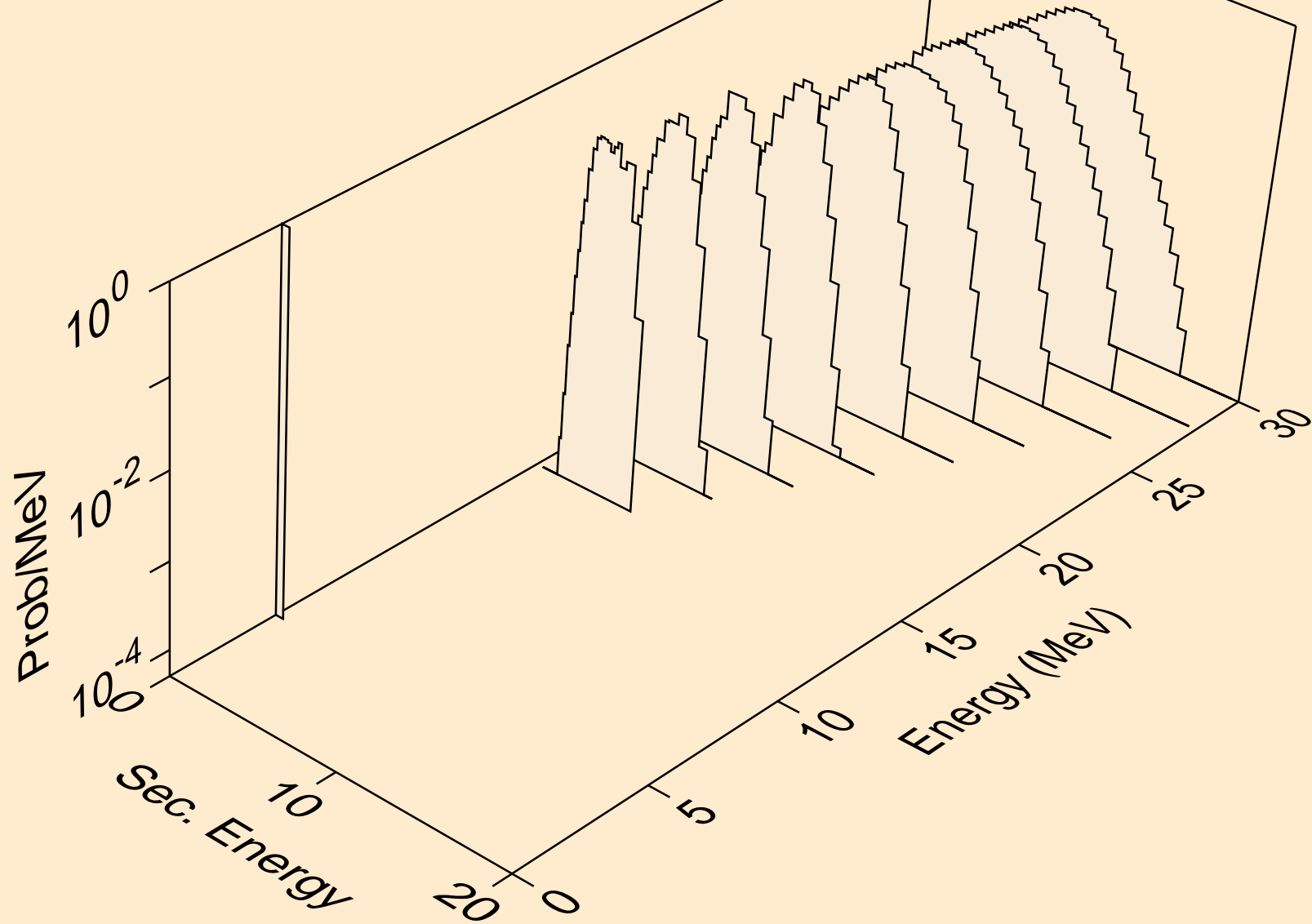




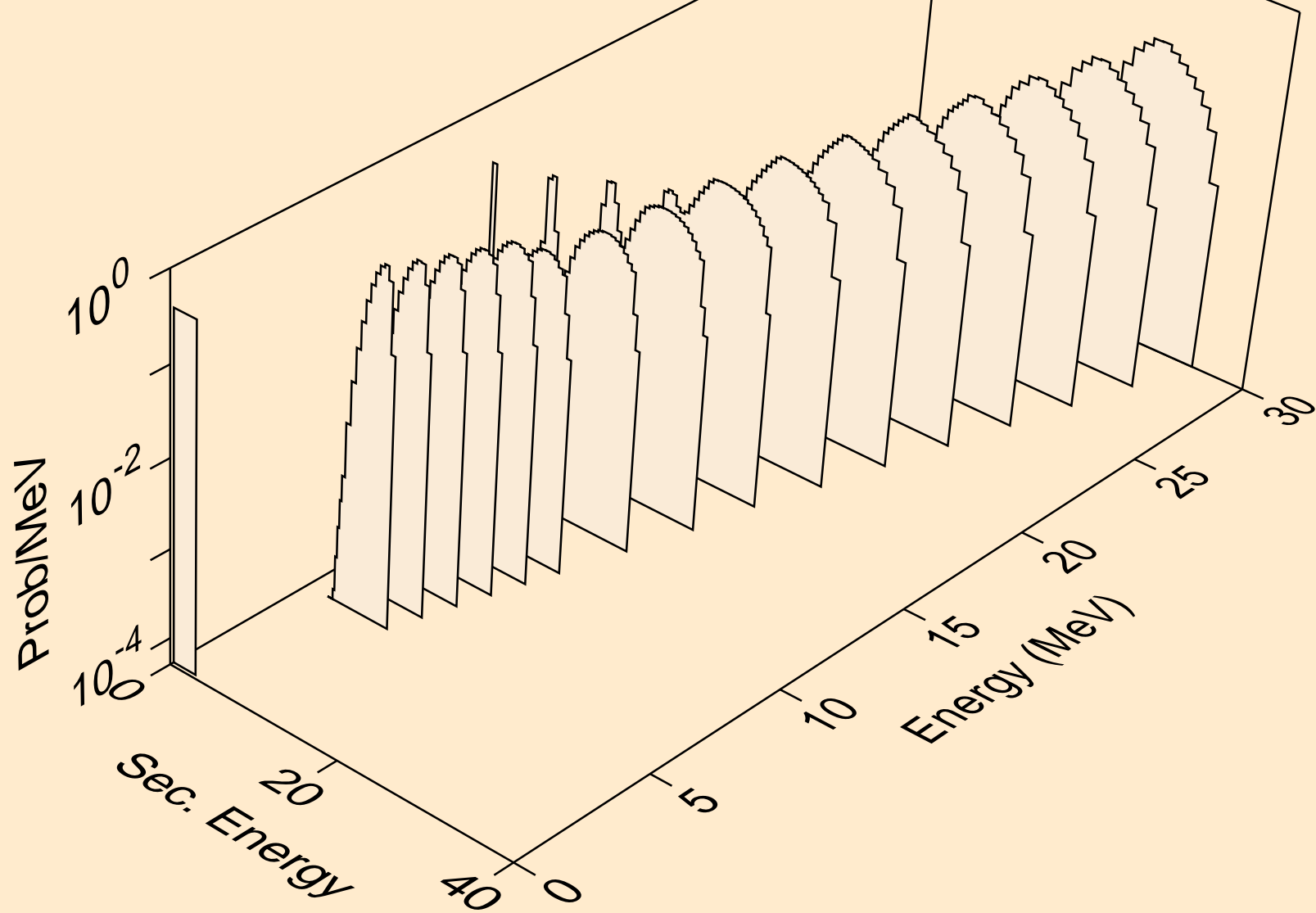
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



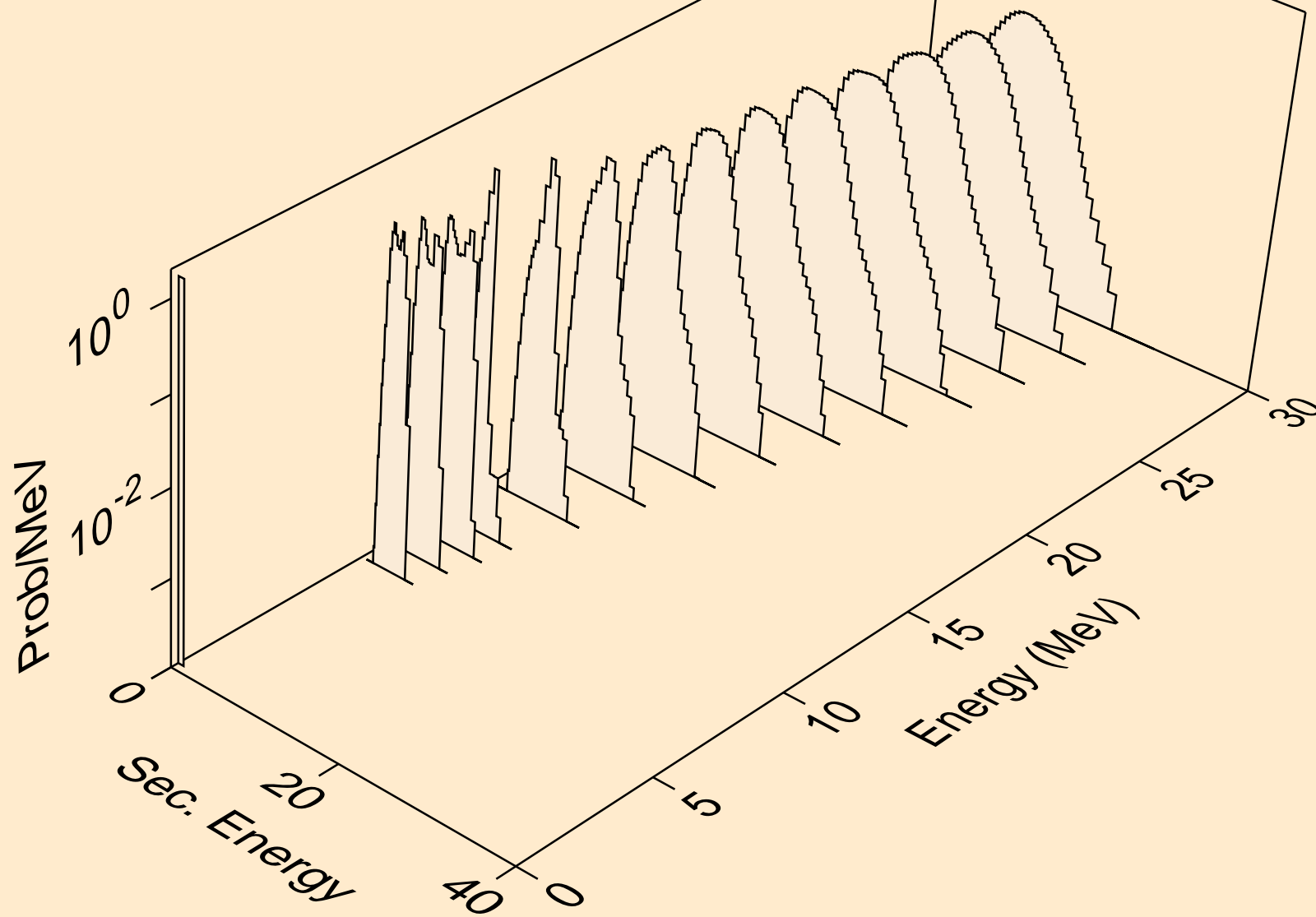
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protons from (s,npa)



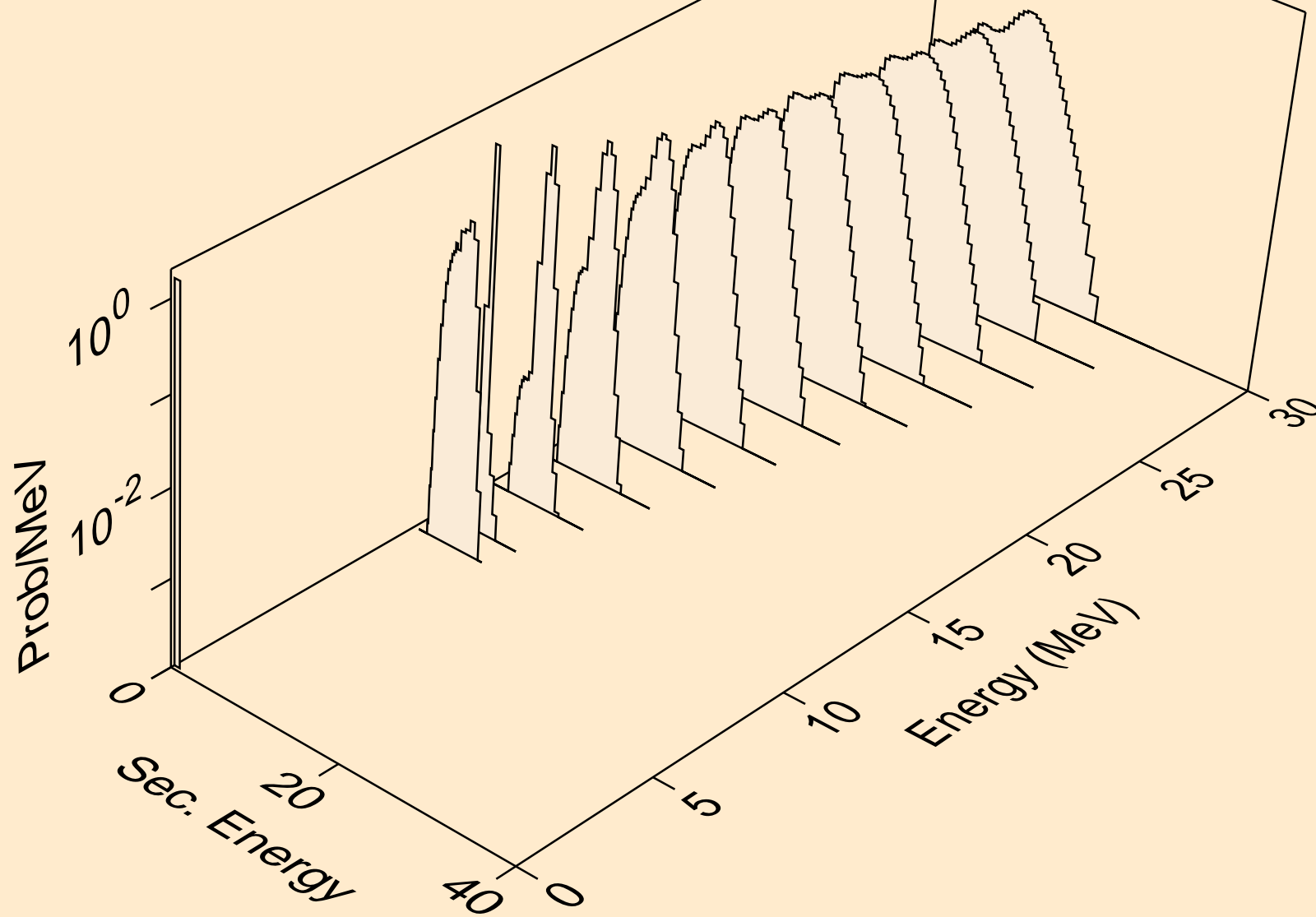
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protons from (s,p)



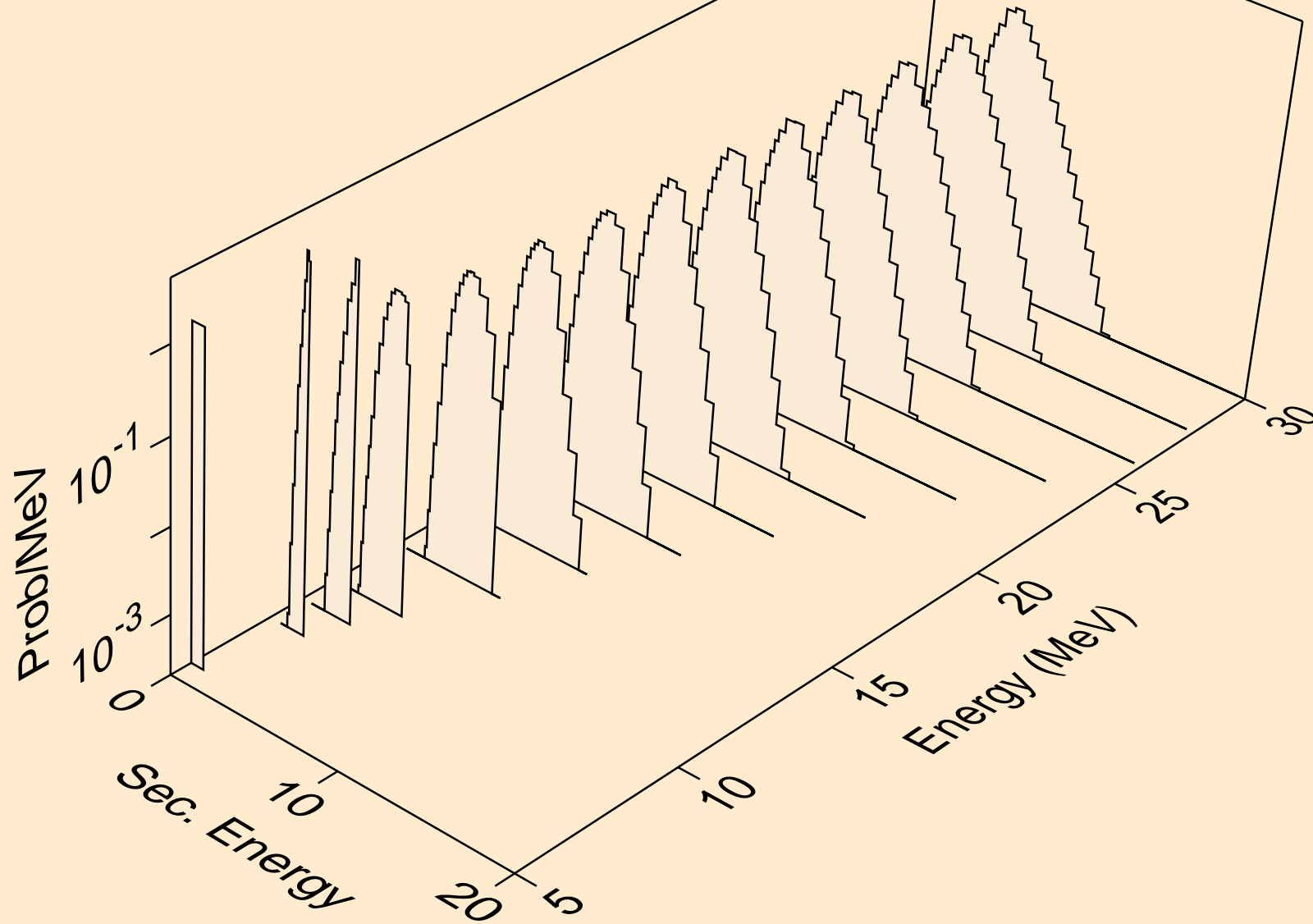
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



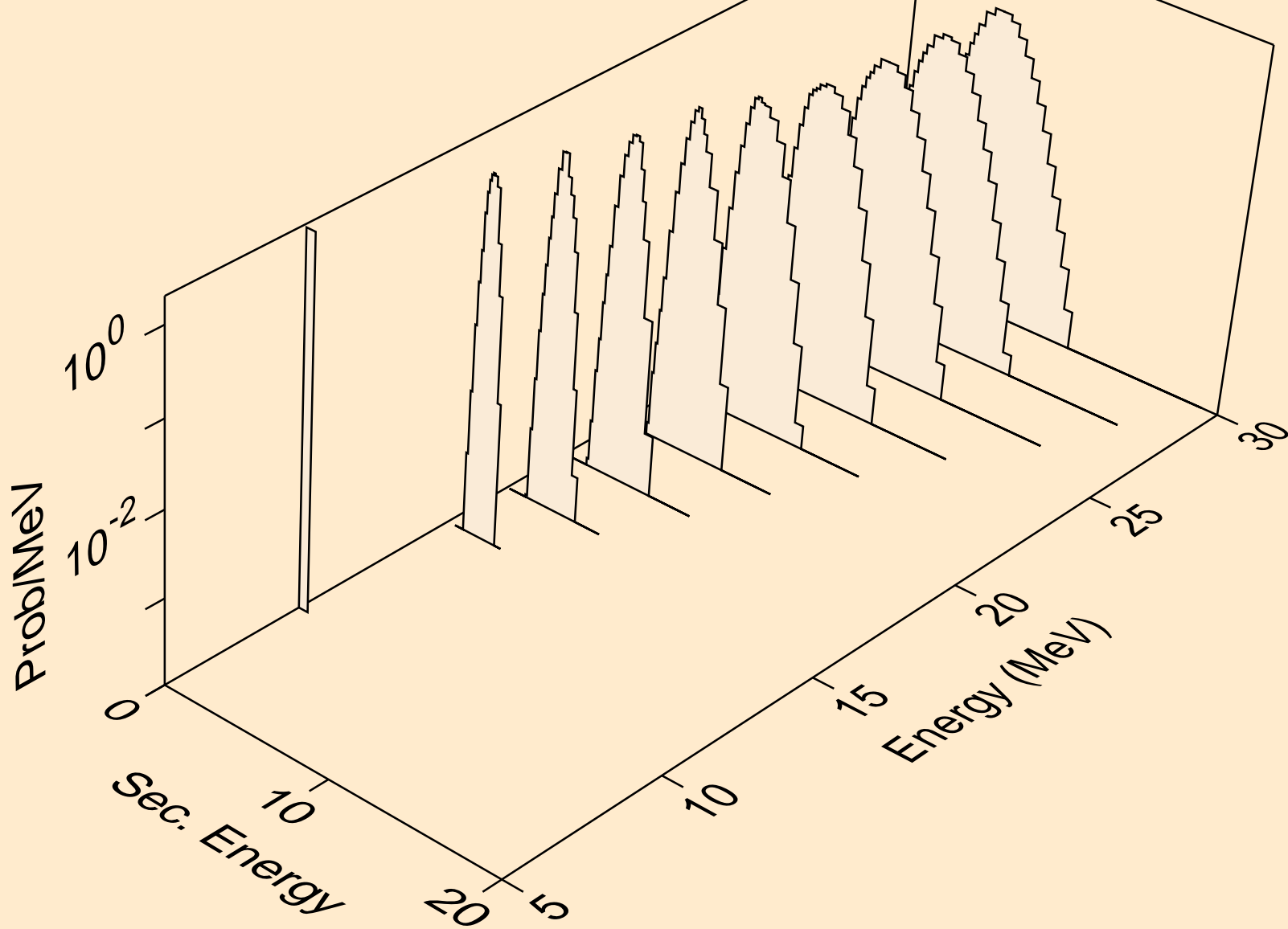
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



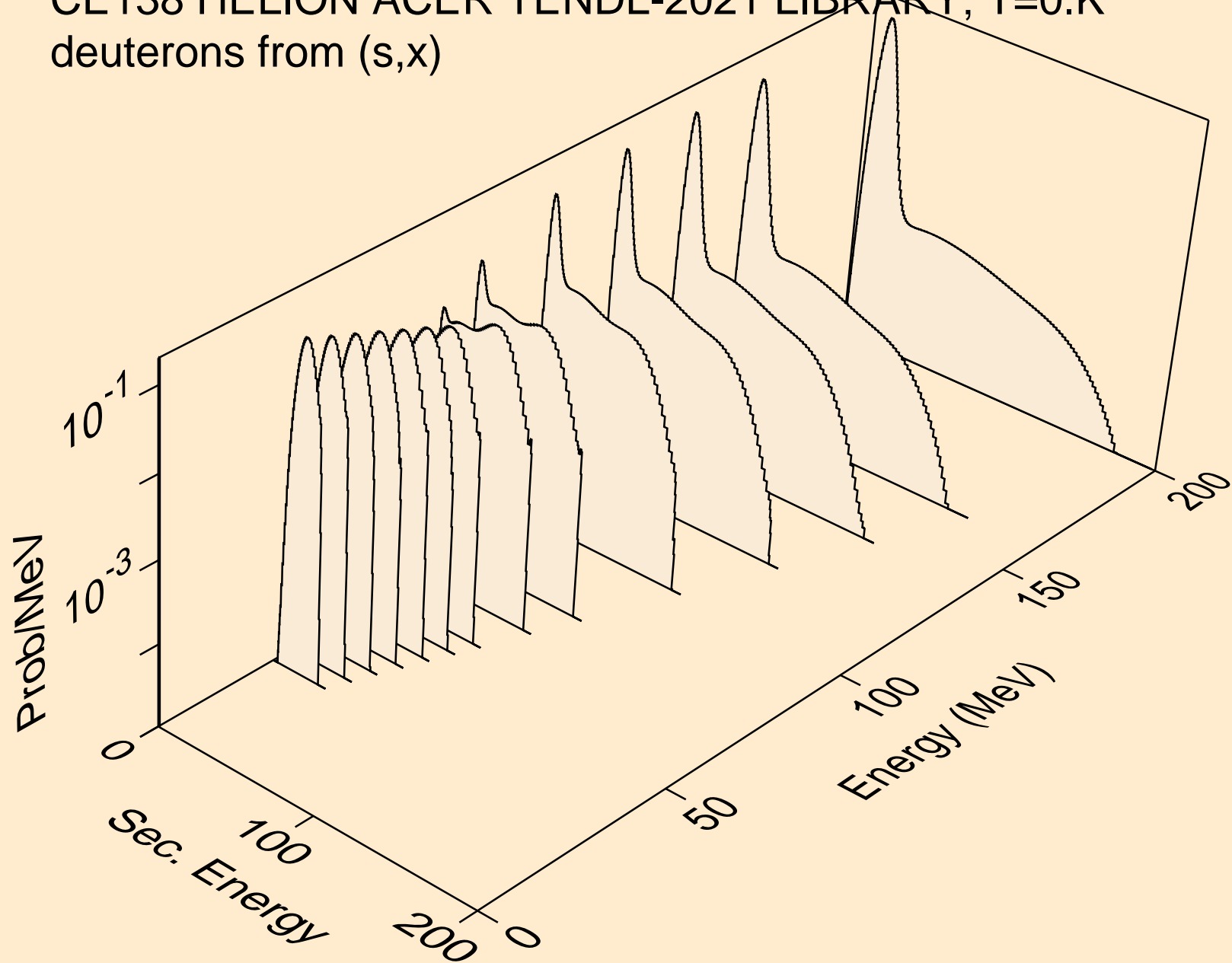
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

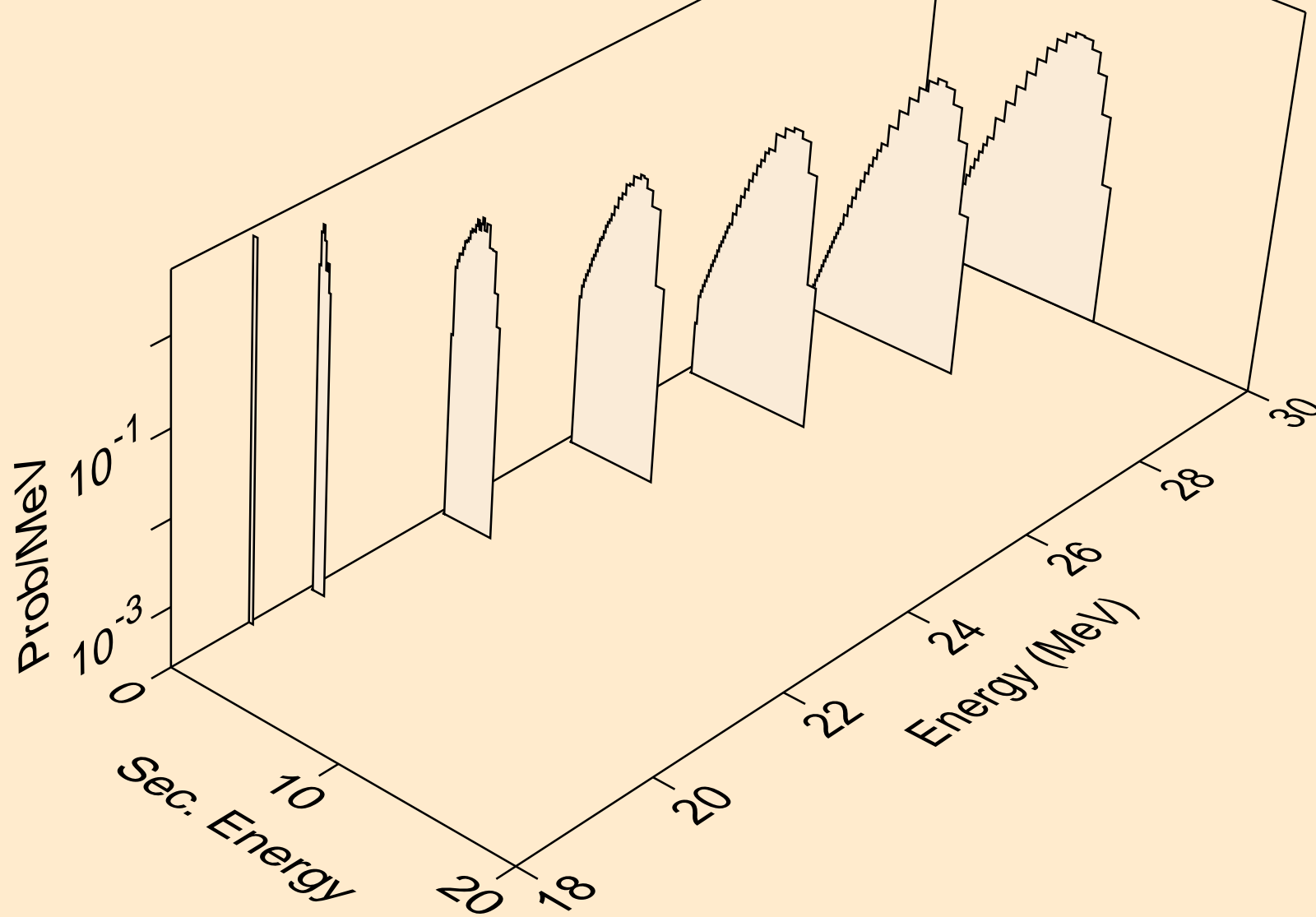


CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)

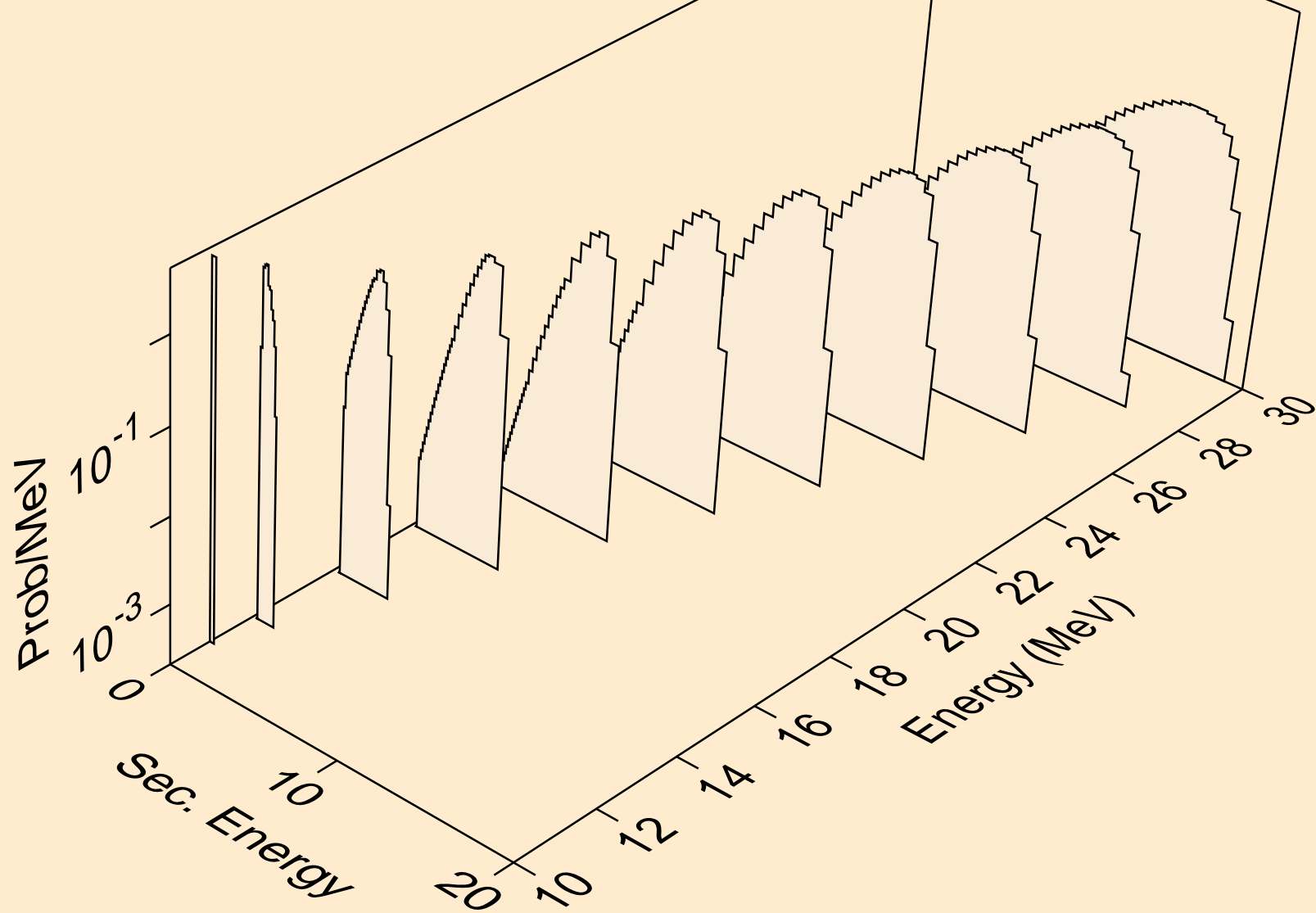




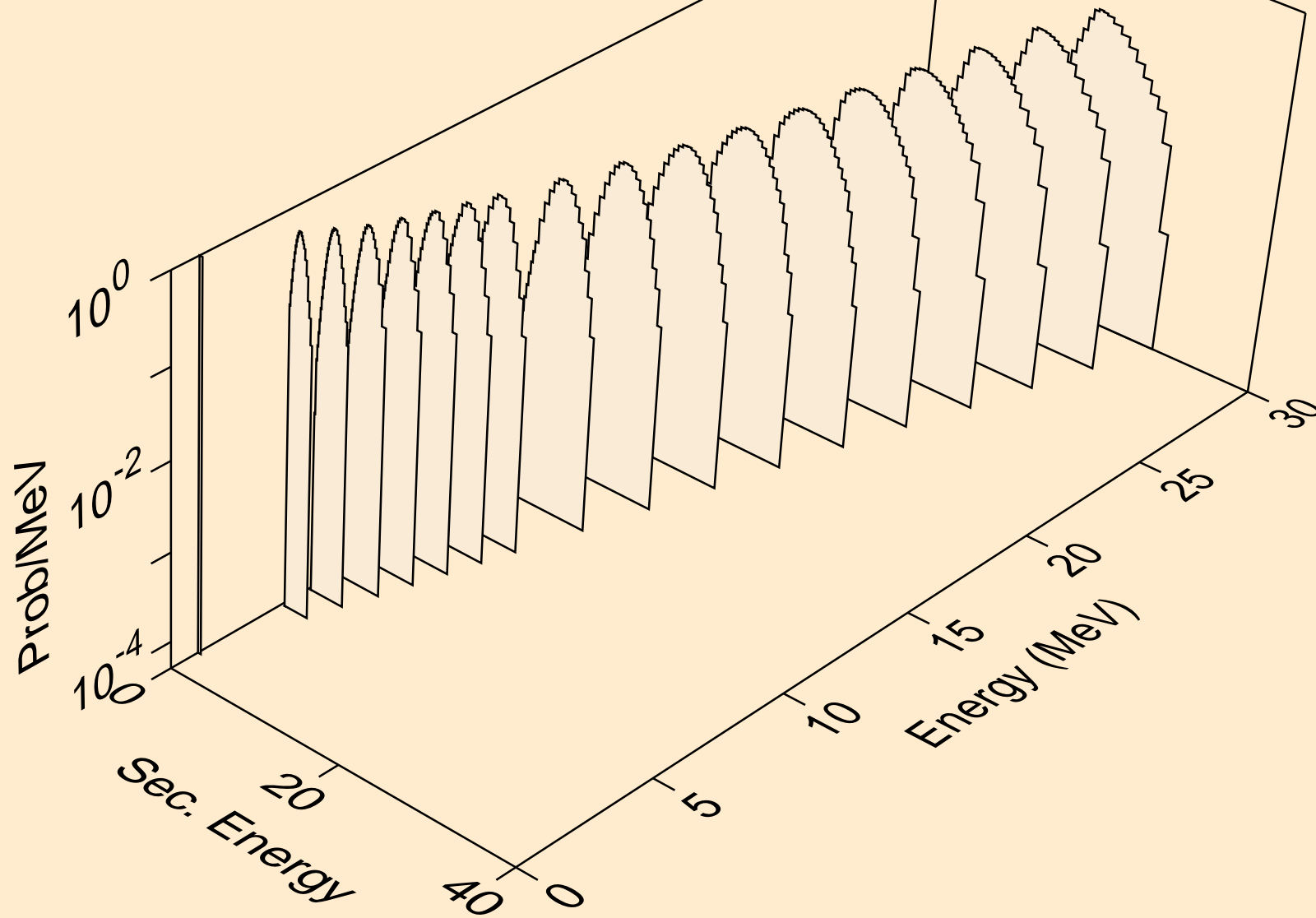
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)



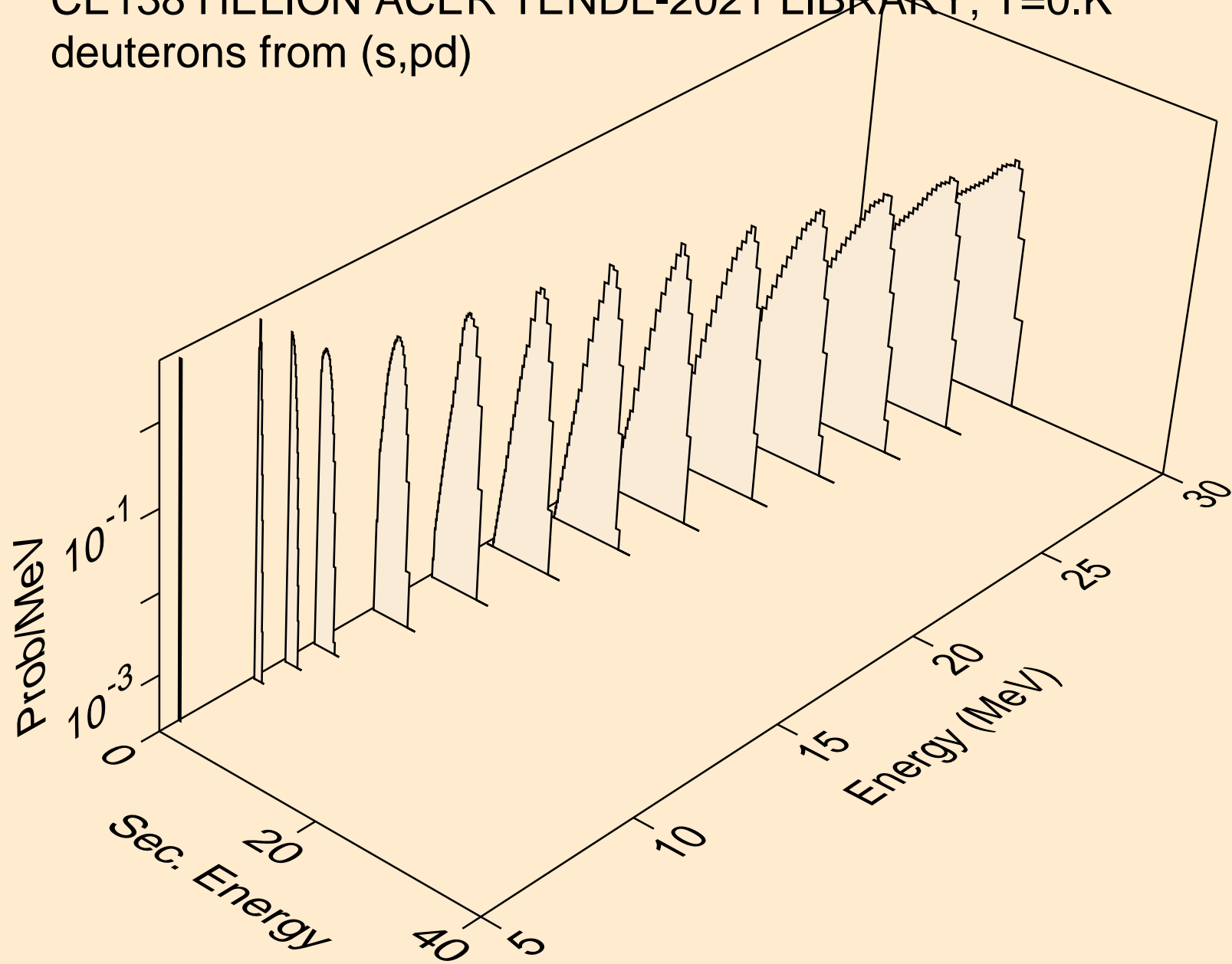
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



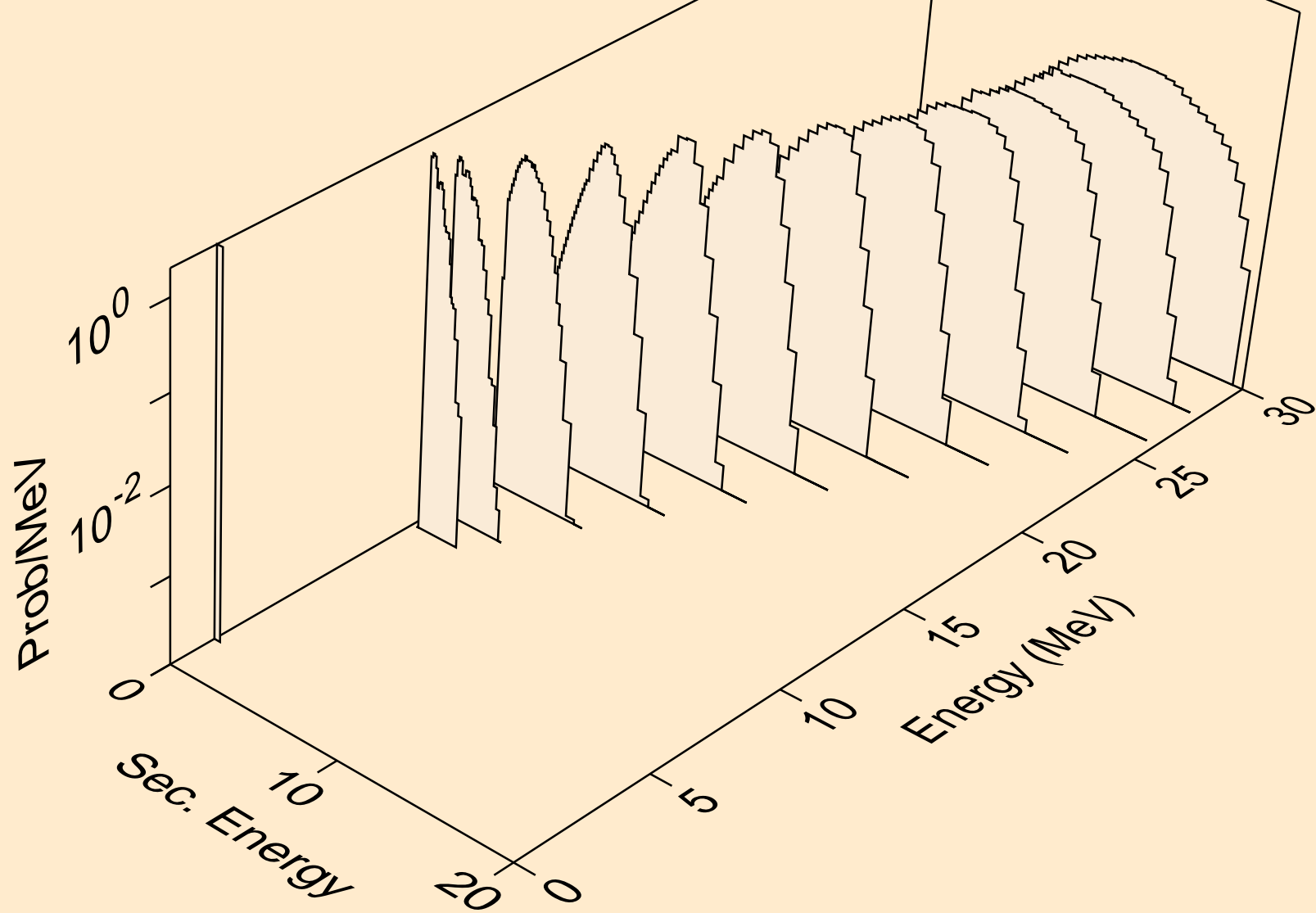
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deuterons from (s,d)



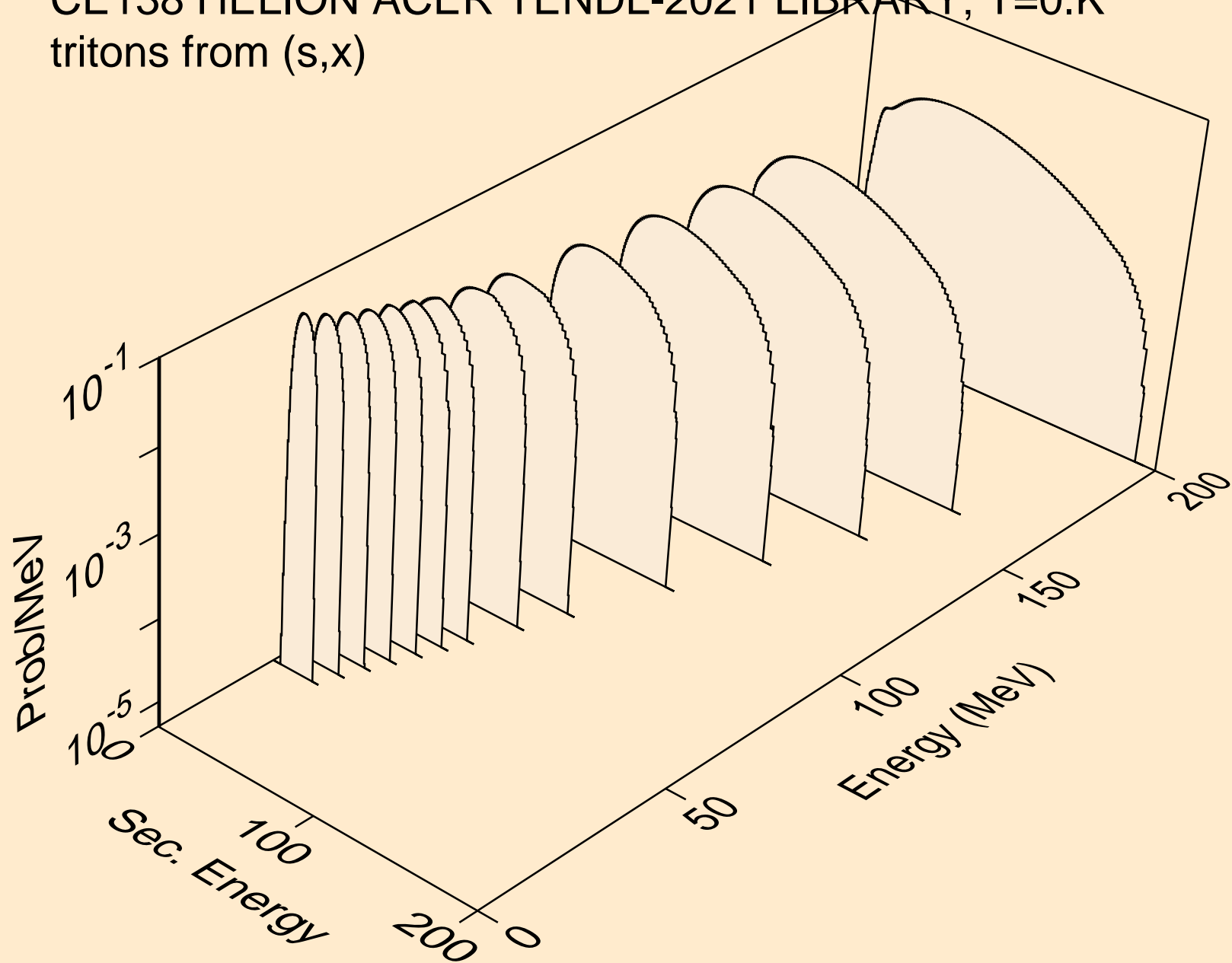
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



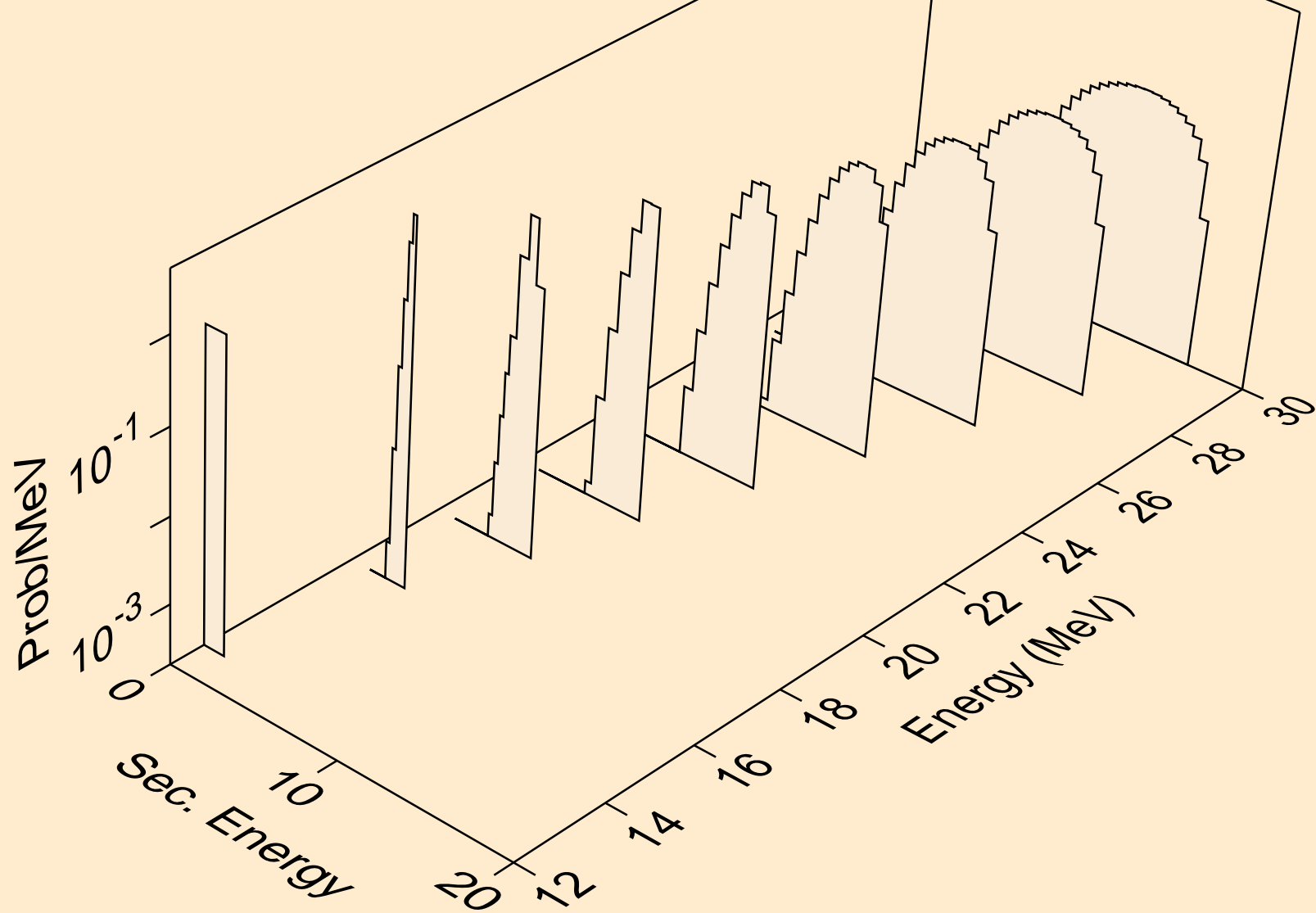
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



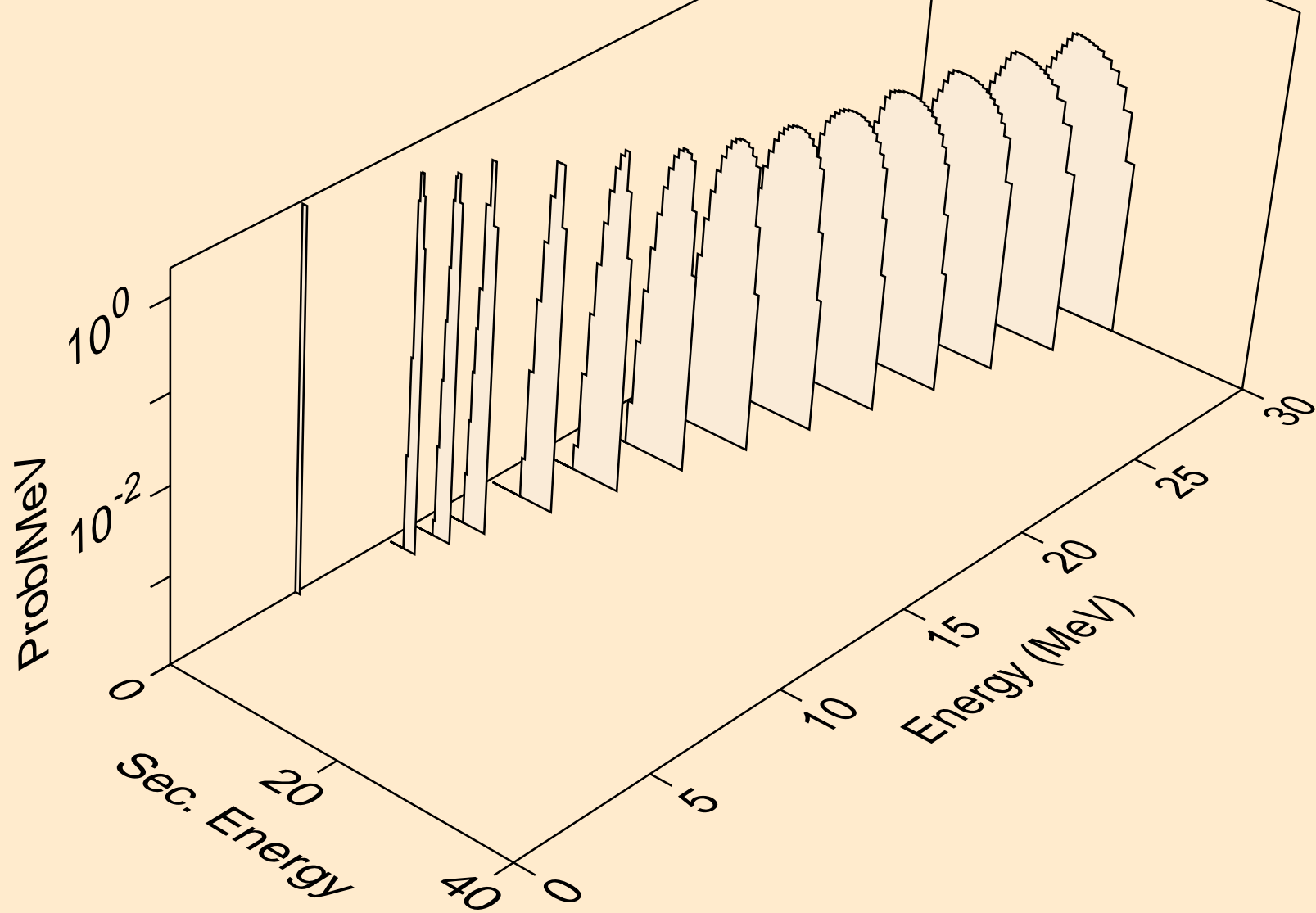
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

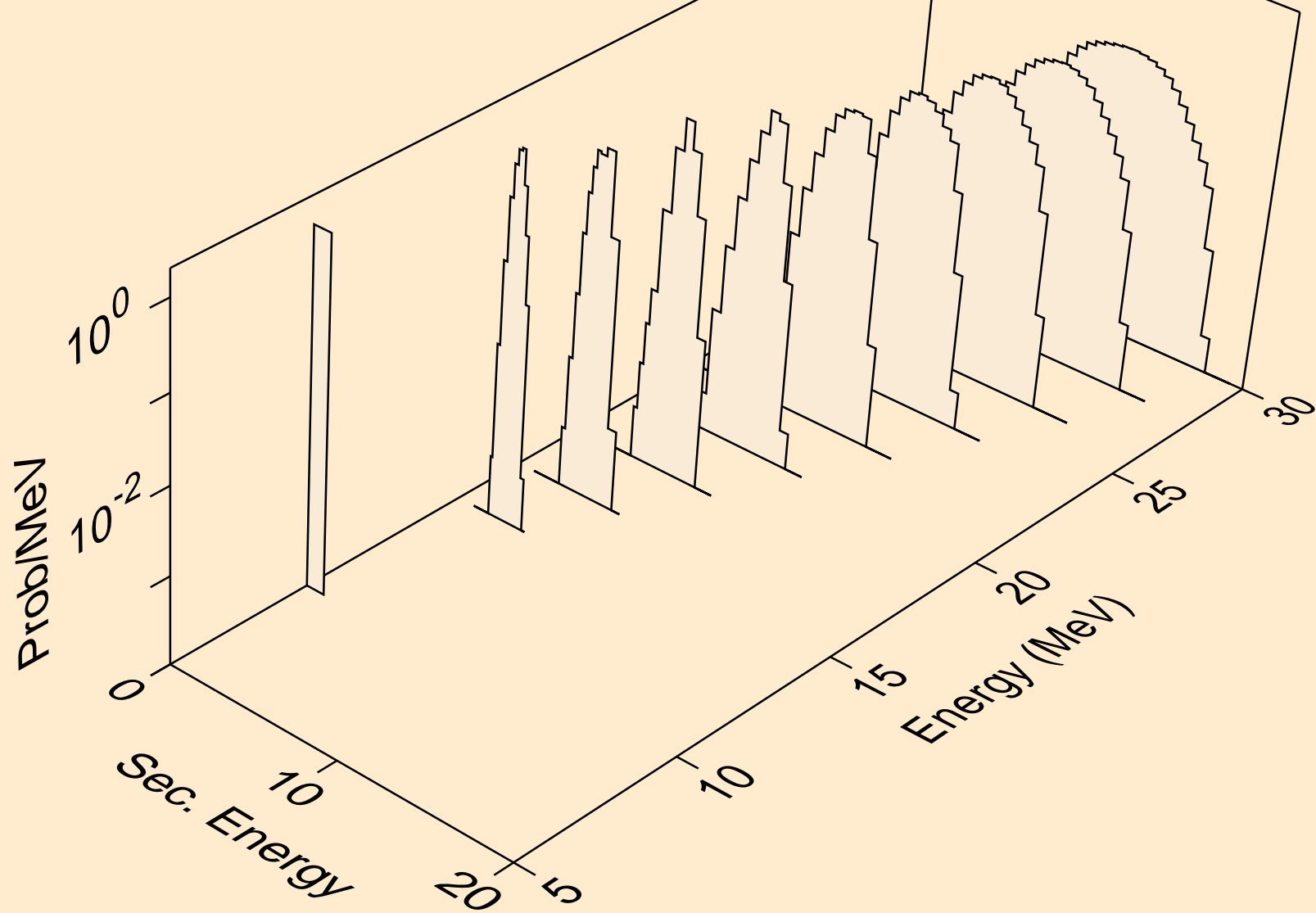


CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

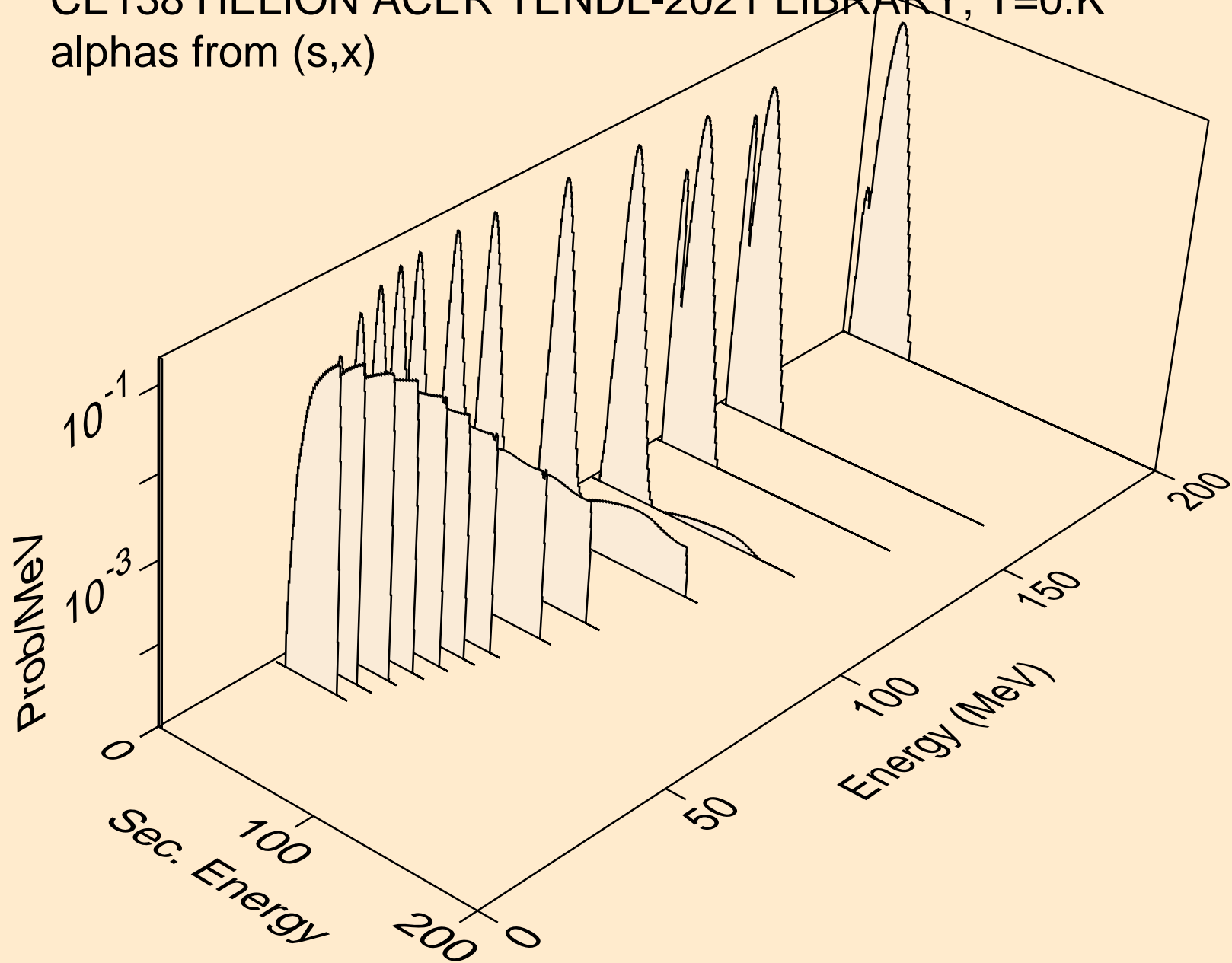




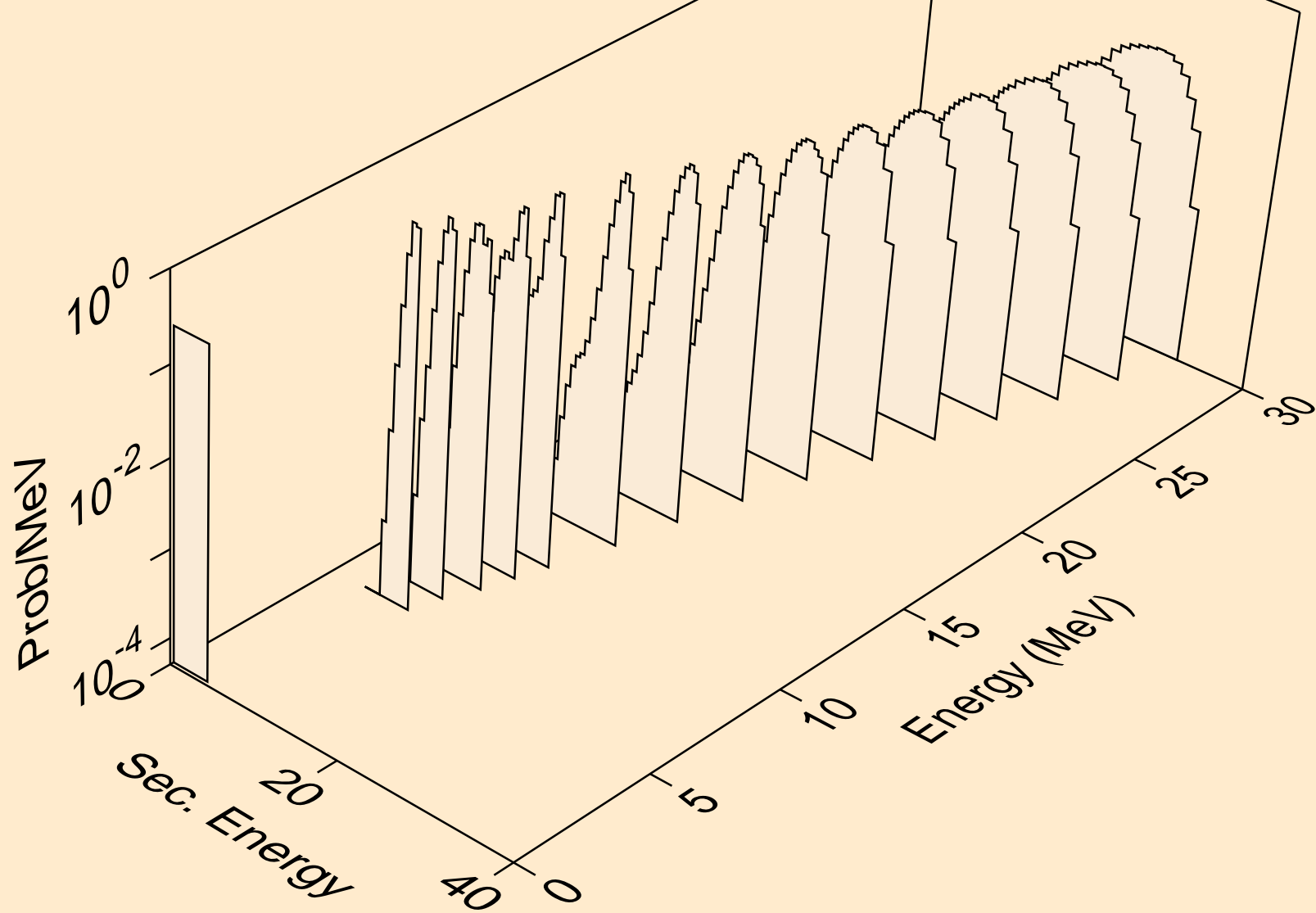
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



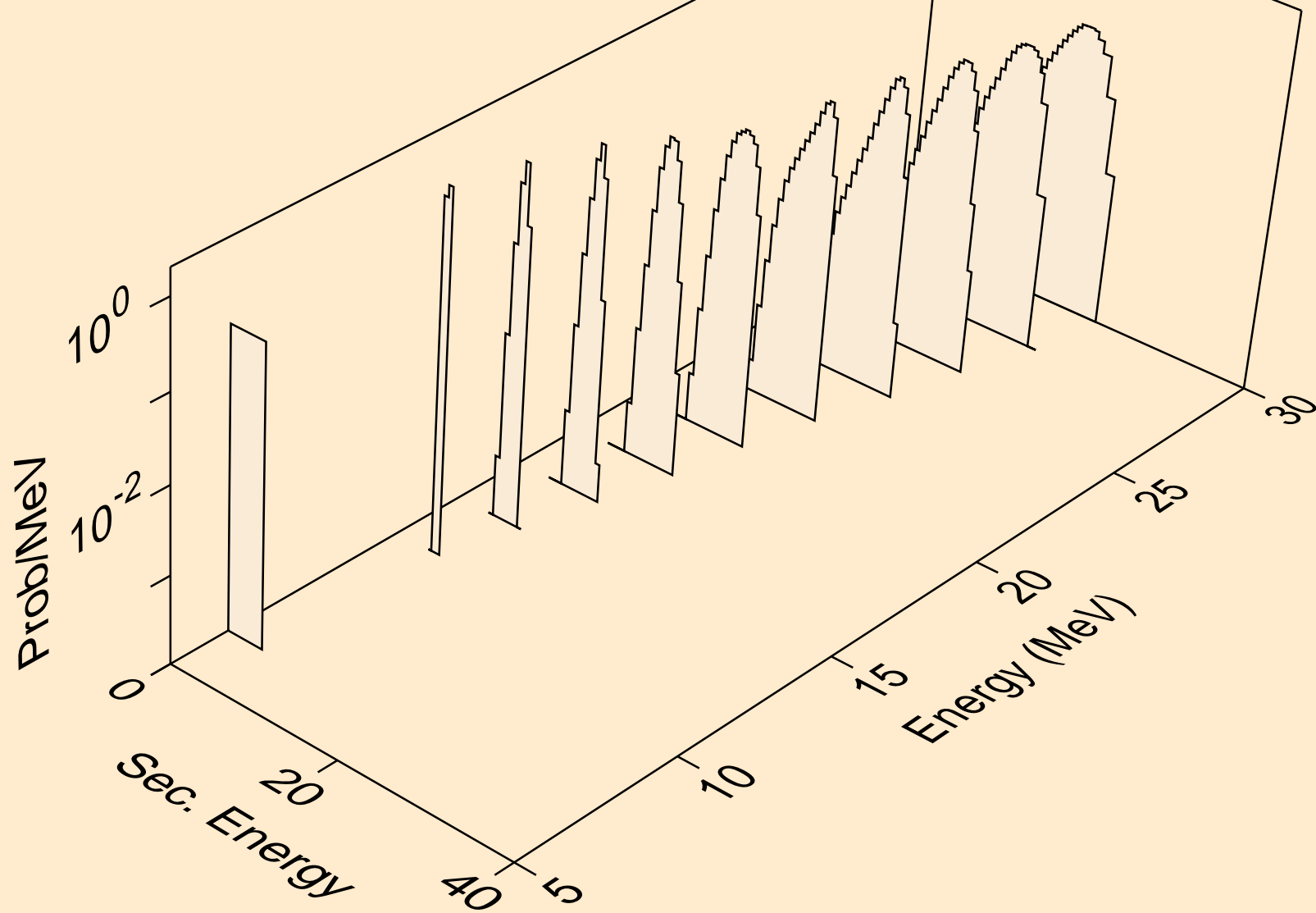
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



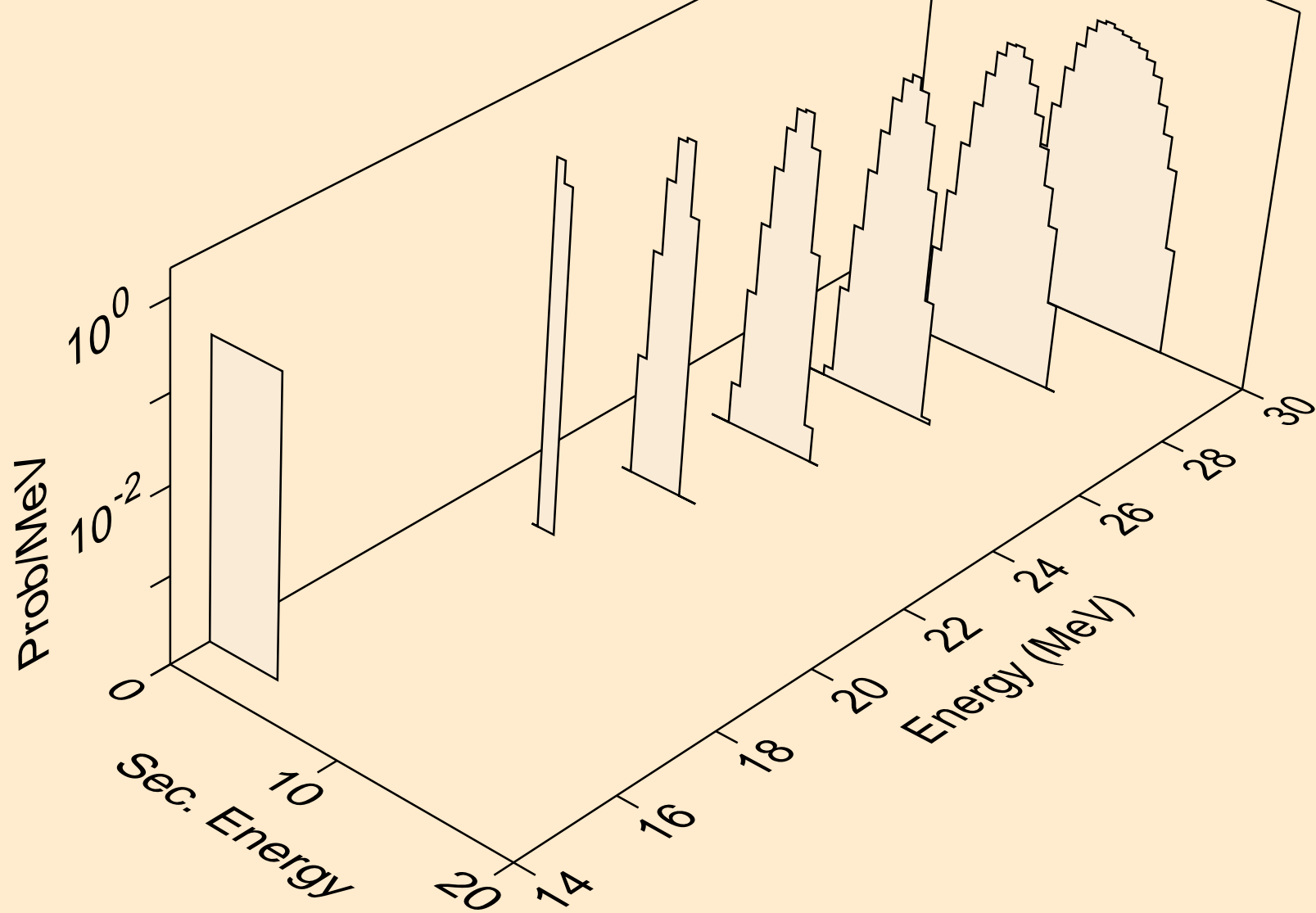
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



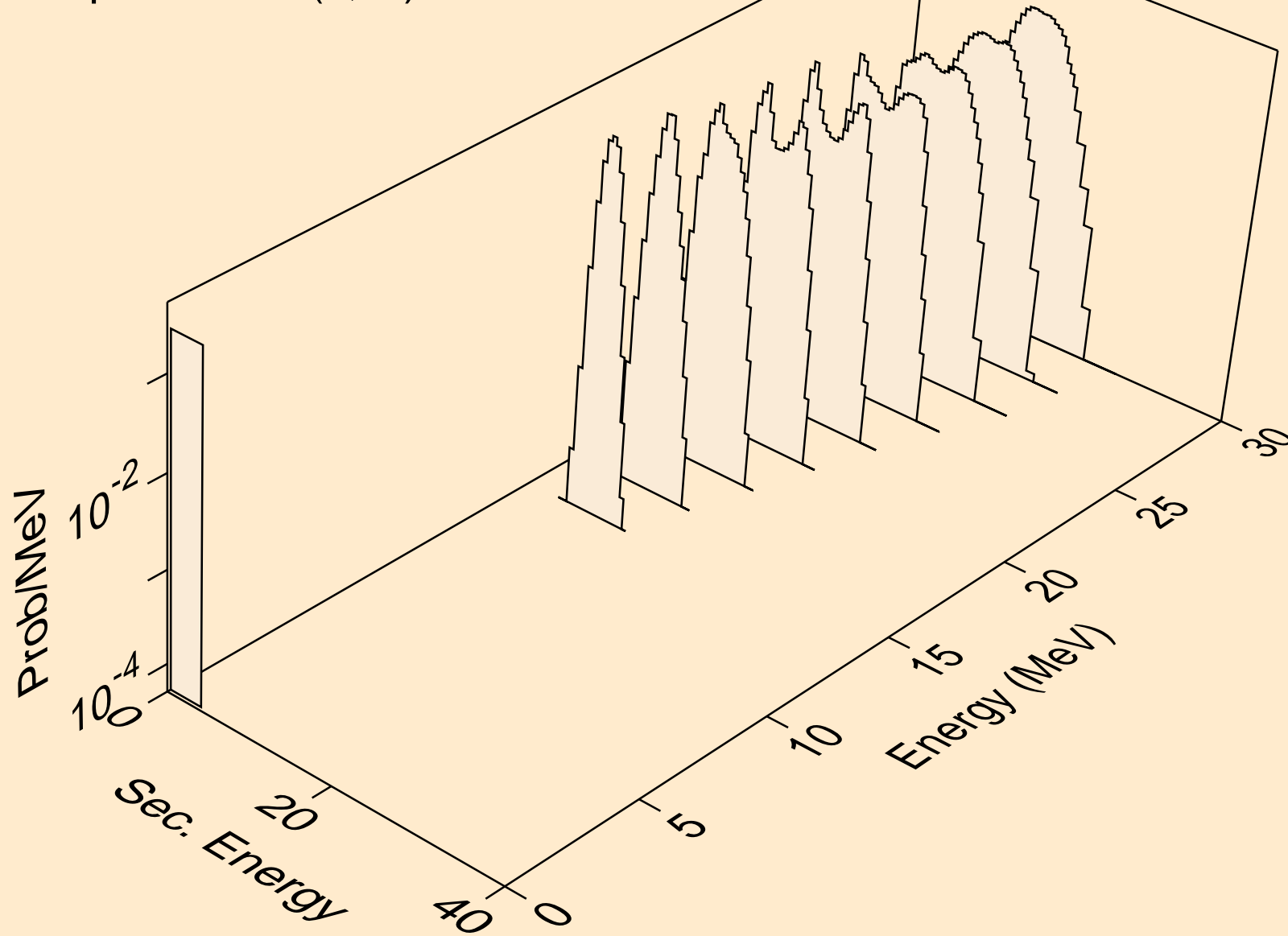
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



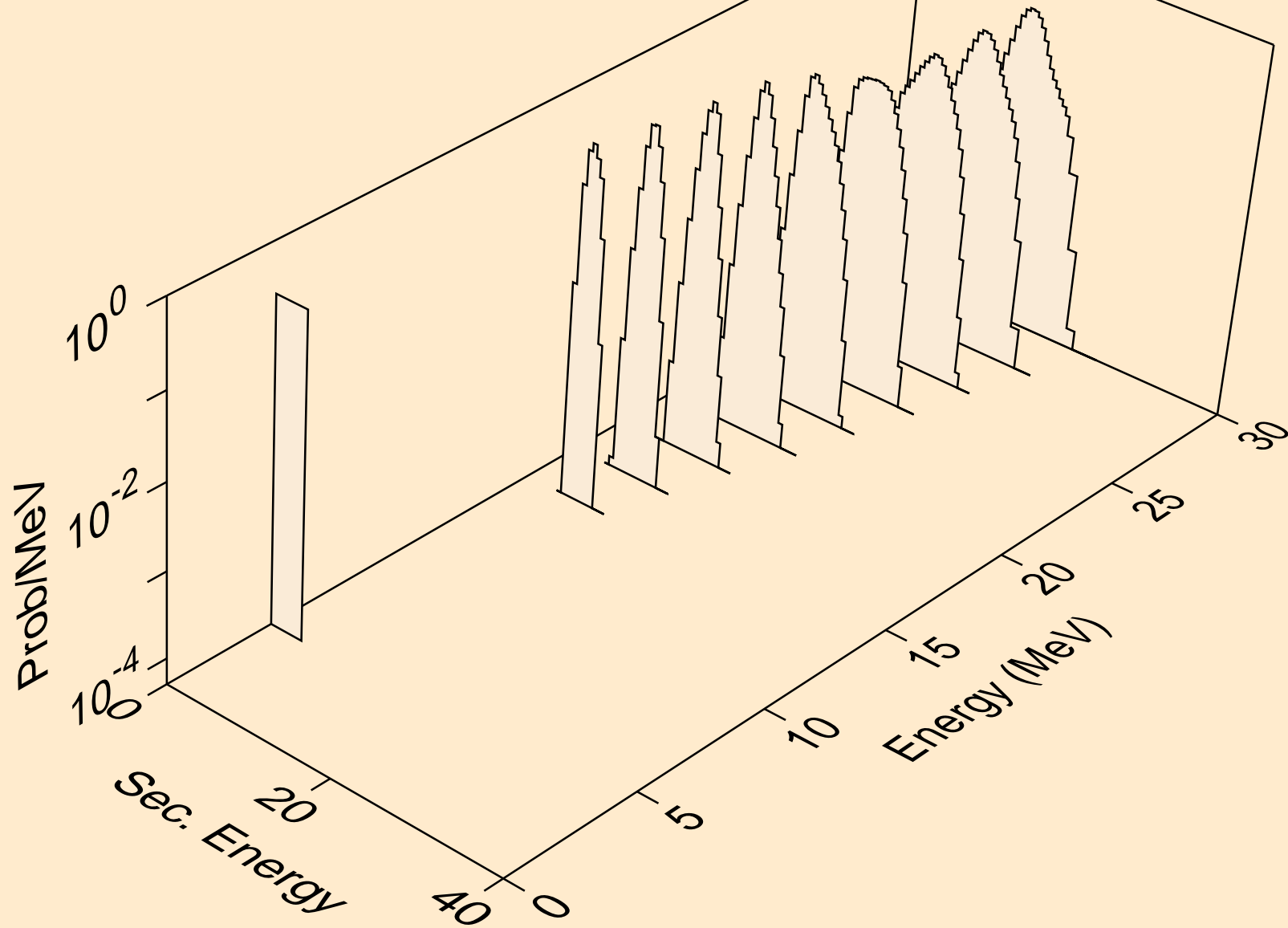
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



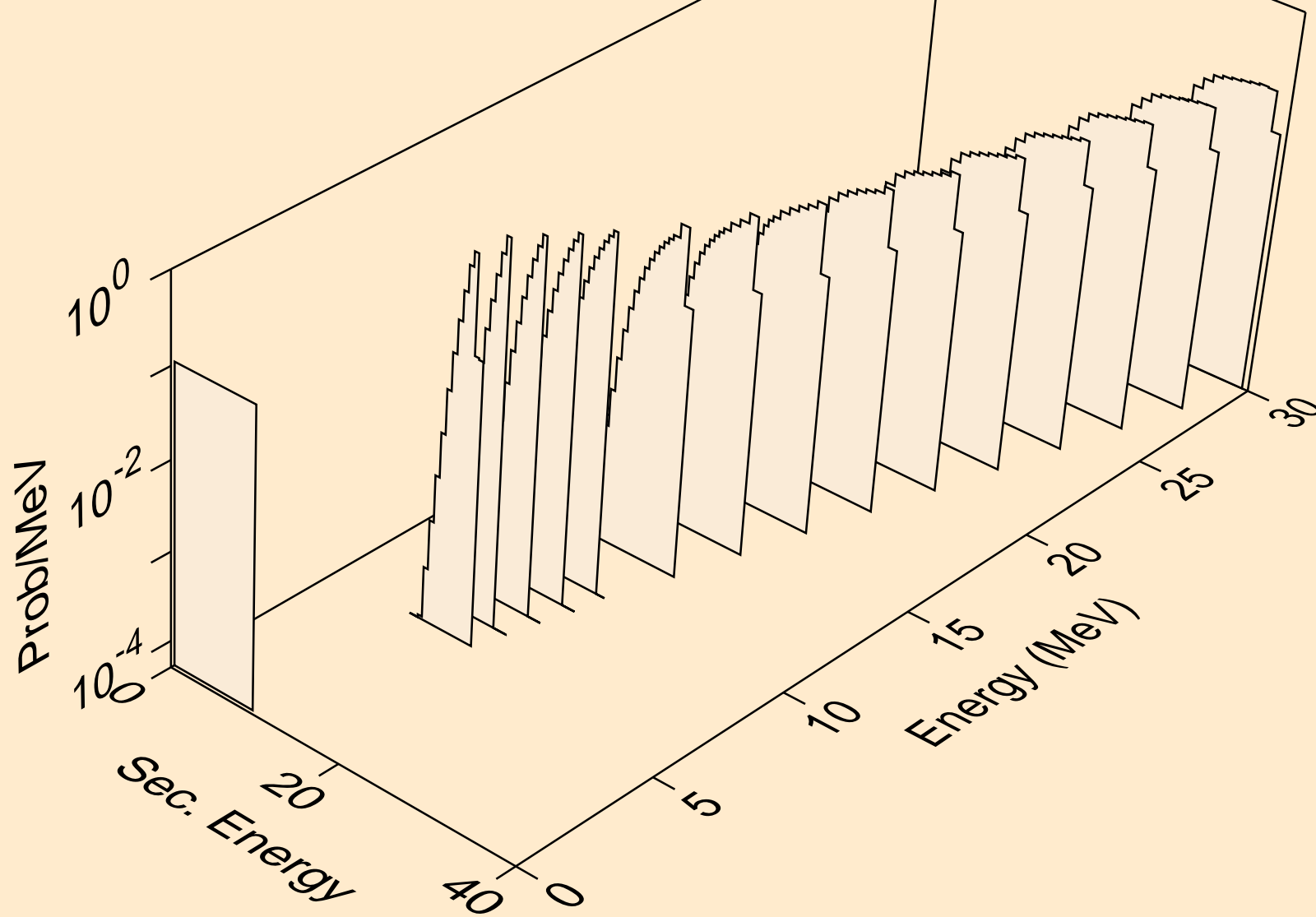
CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)

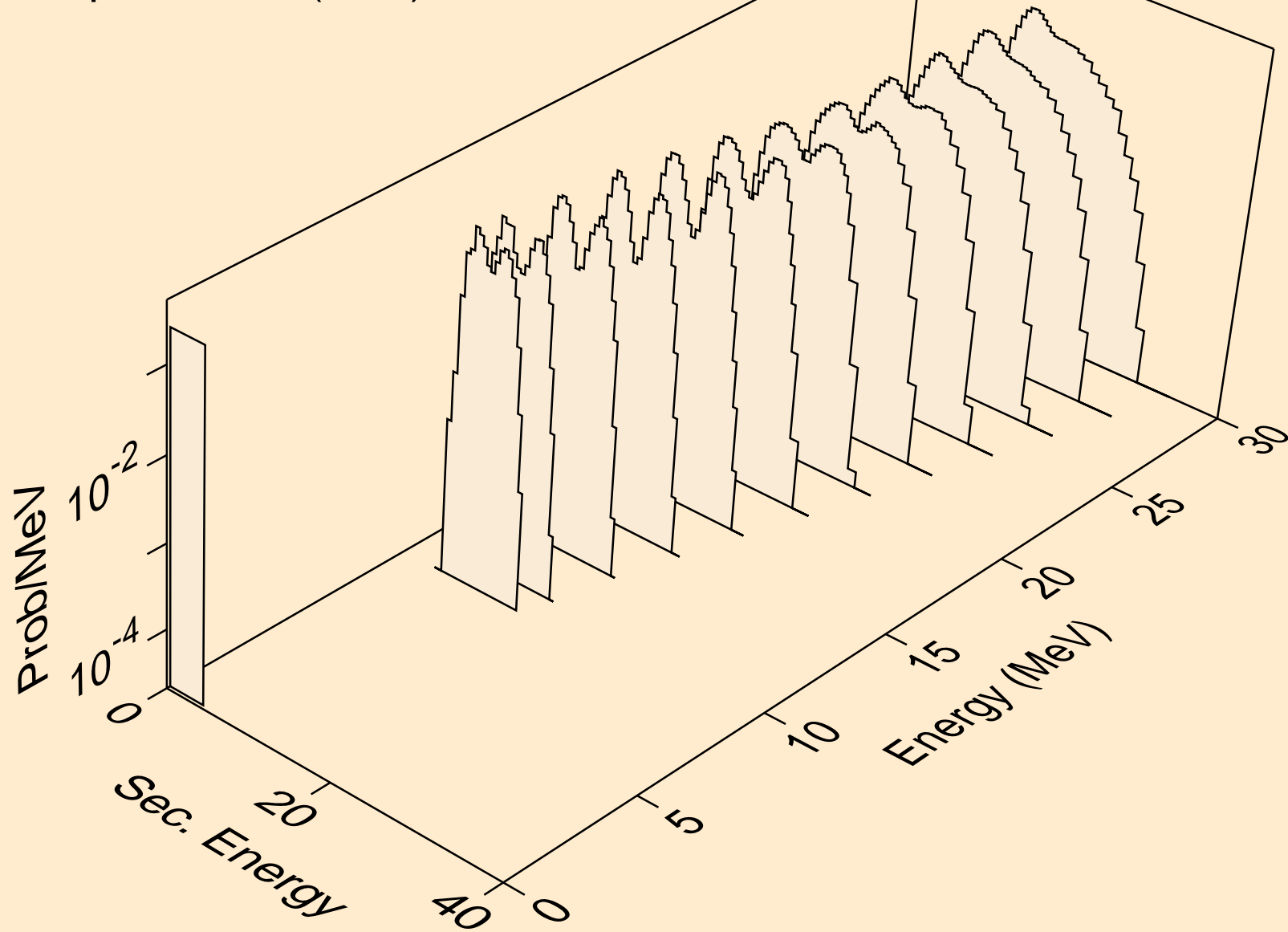


CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

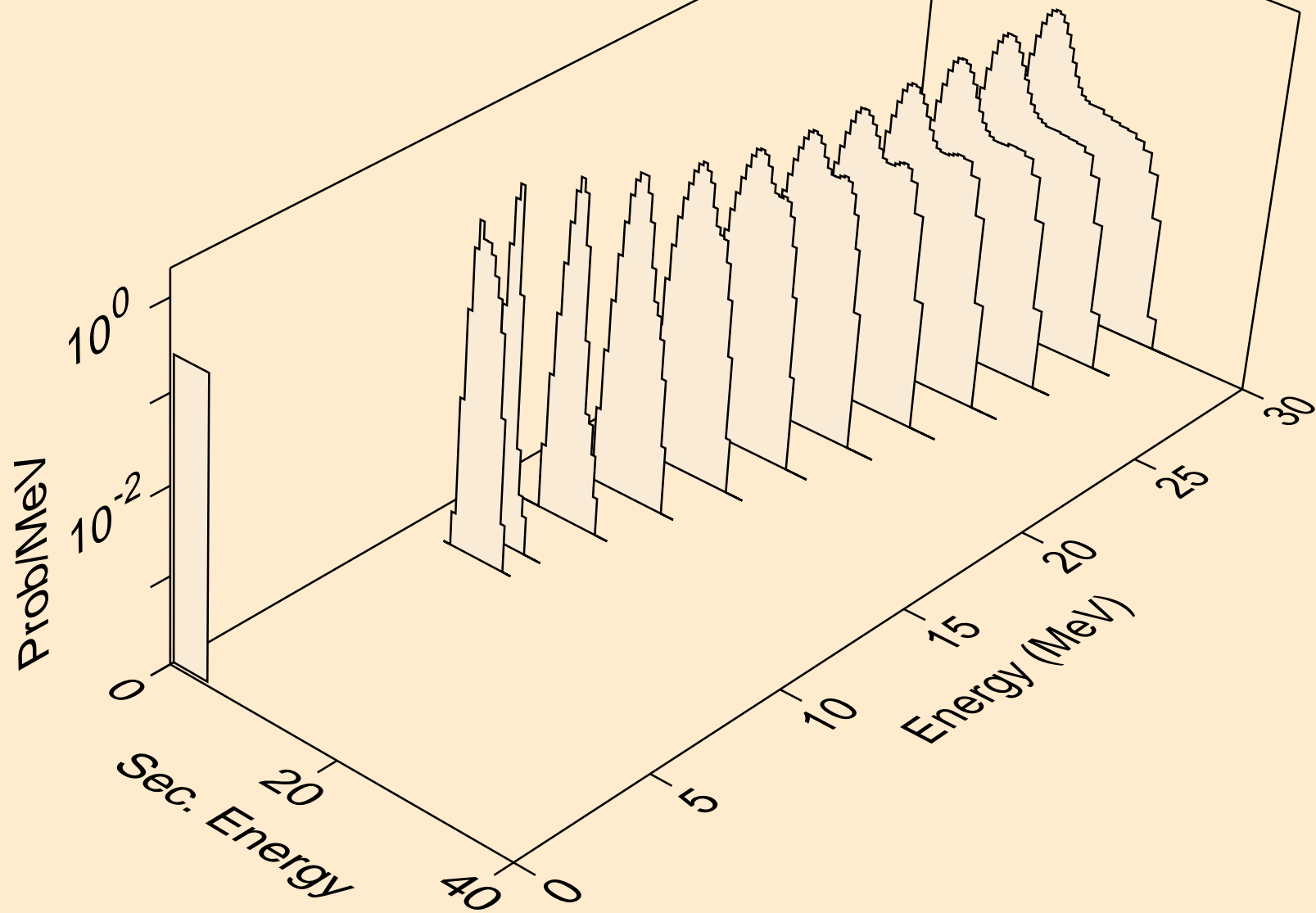




CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



CE138 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

