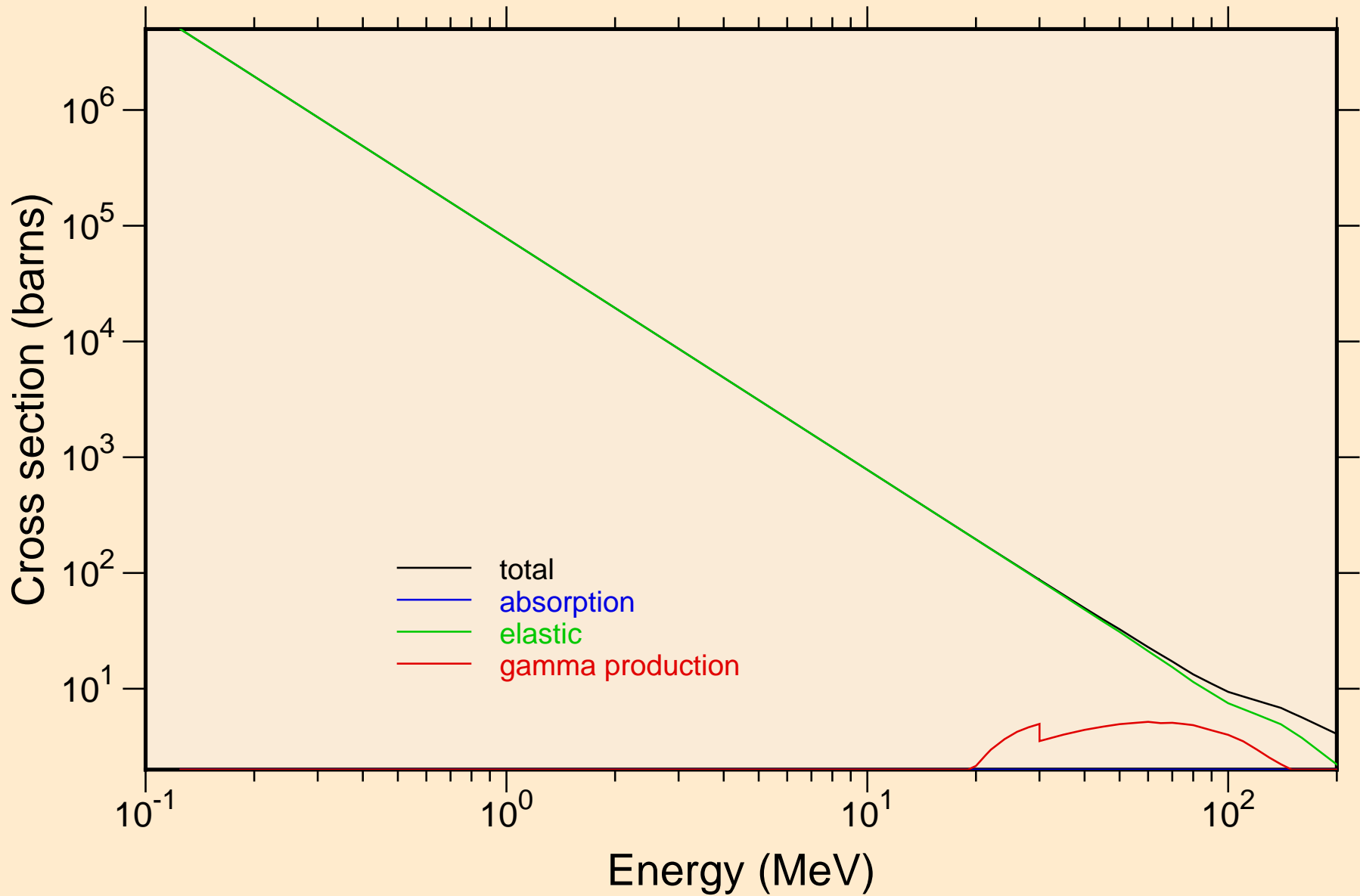
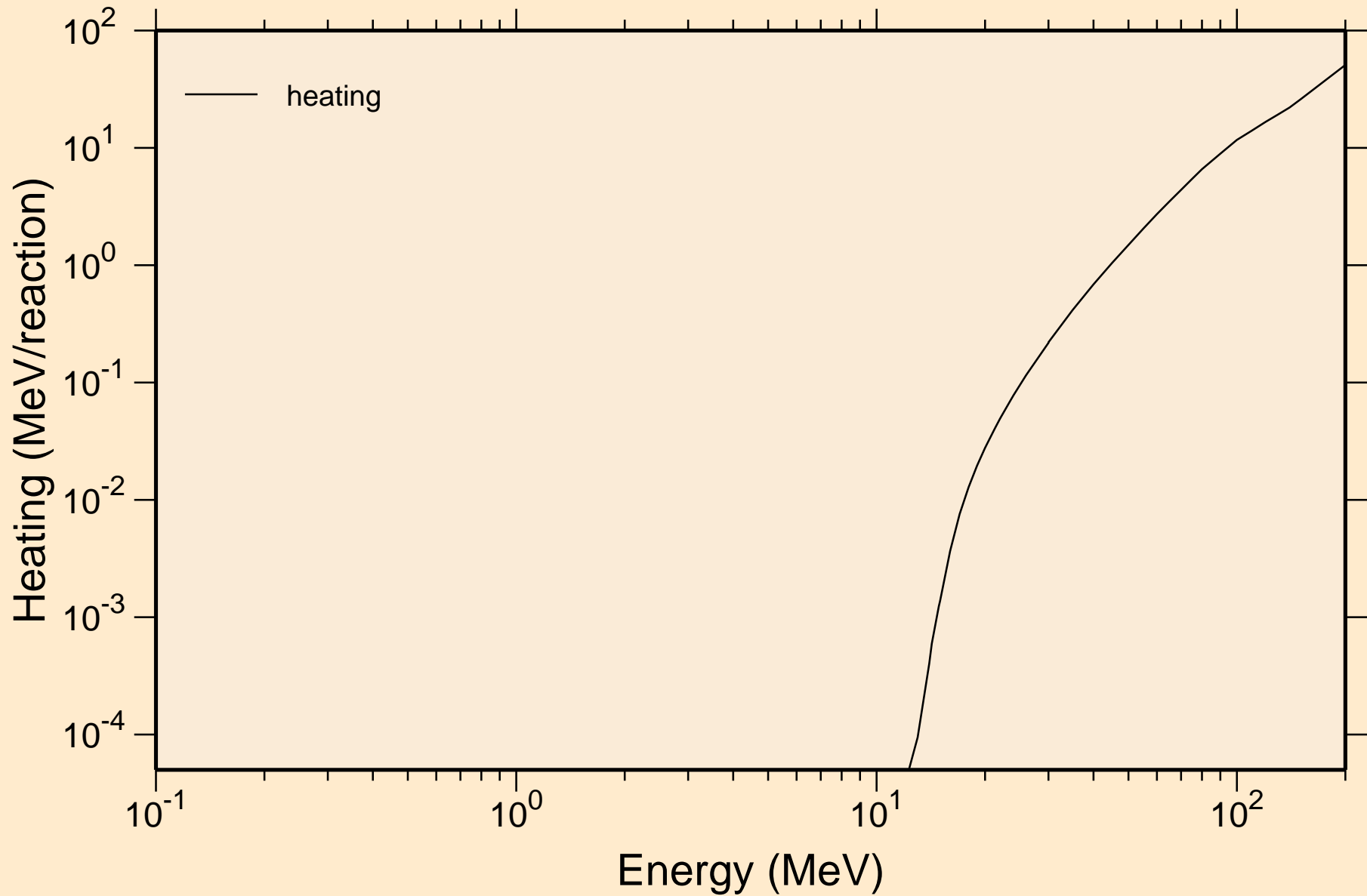


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



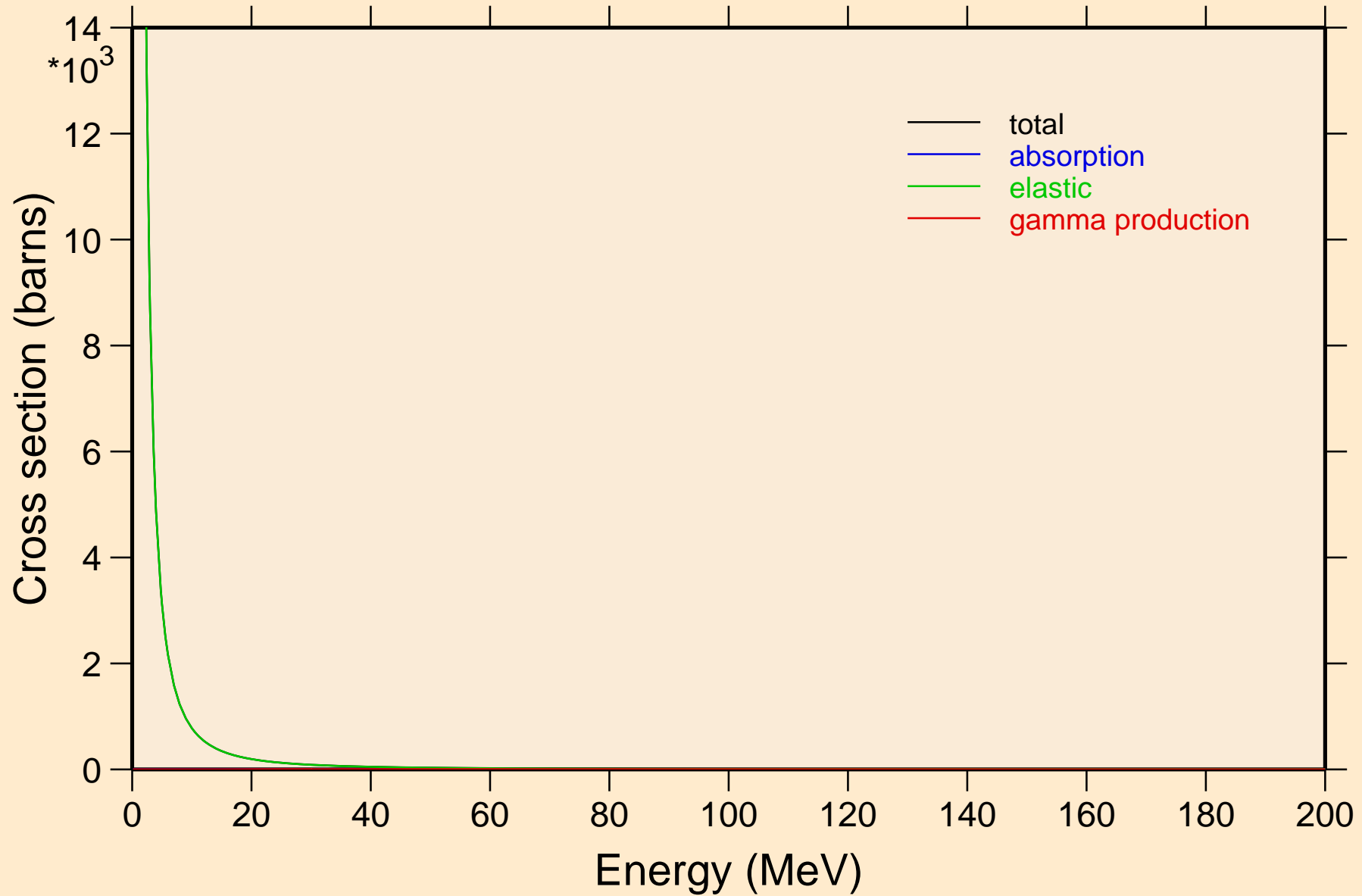
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



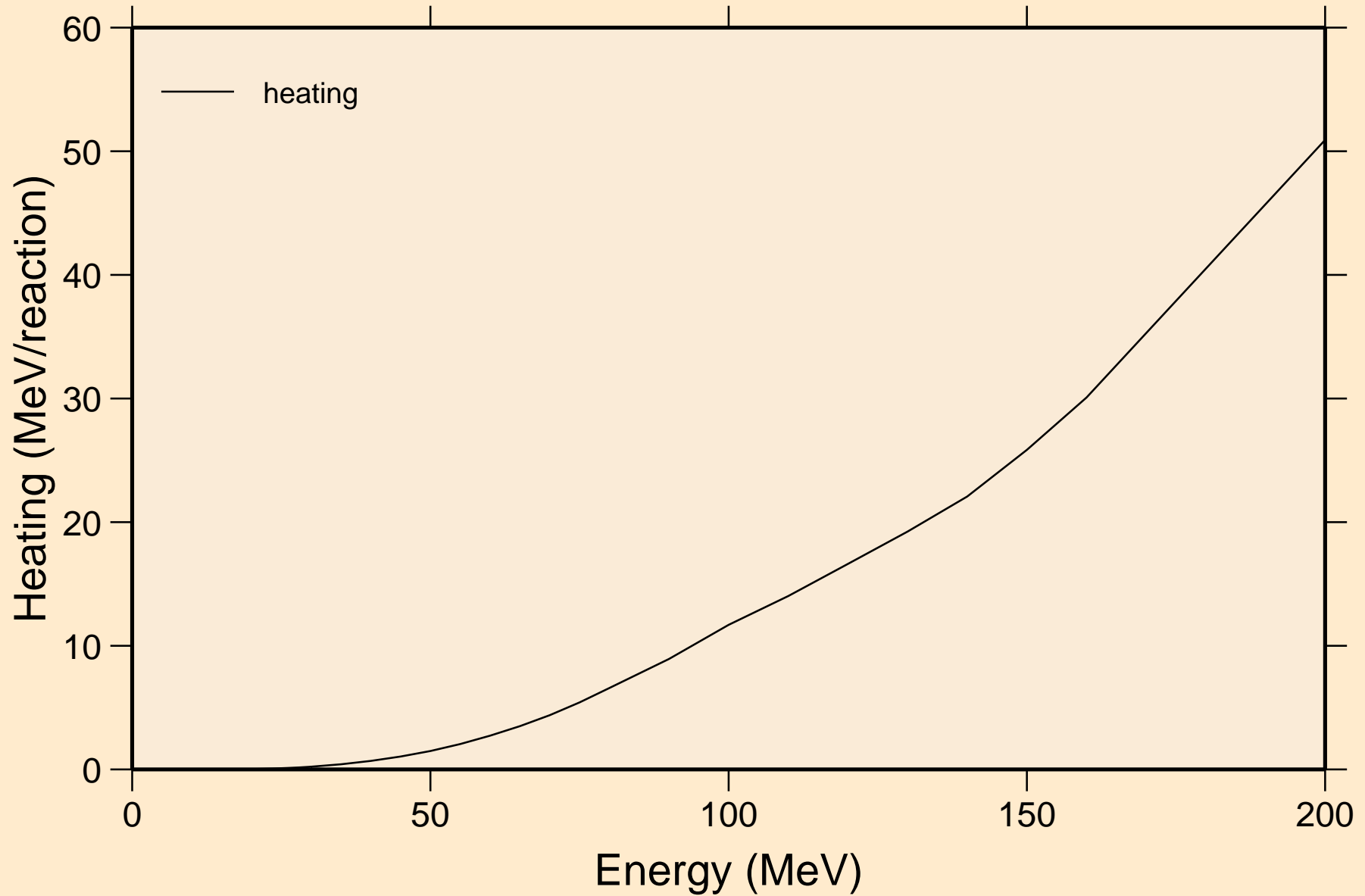
# CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

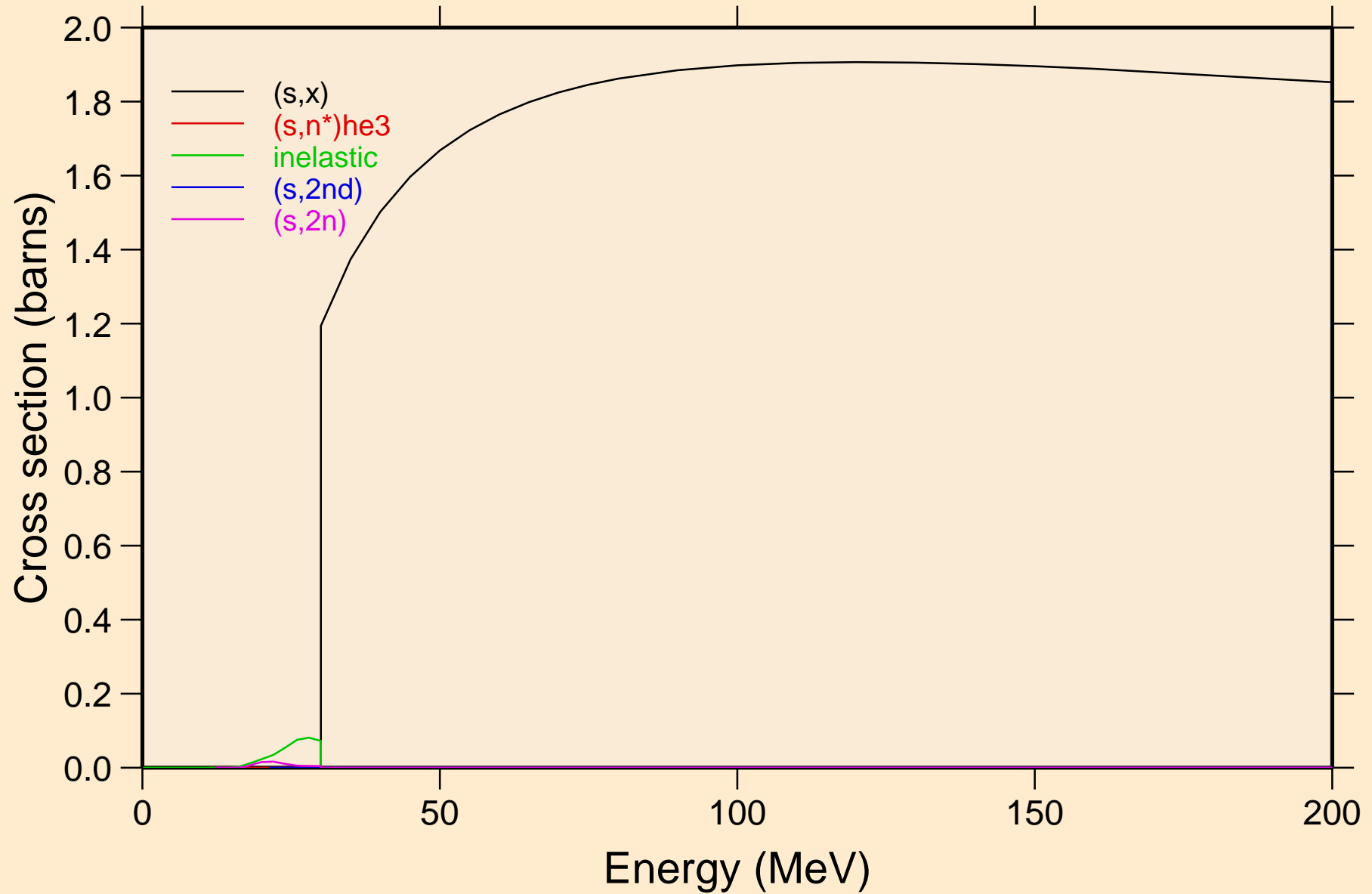


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating

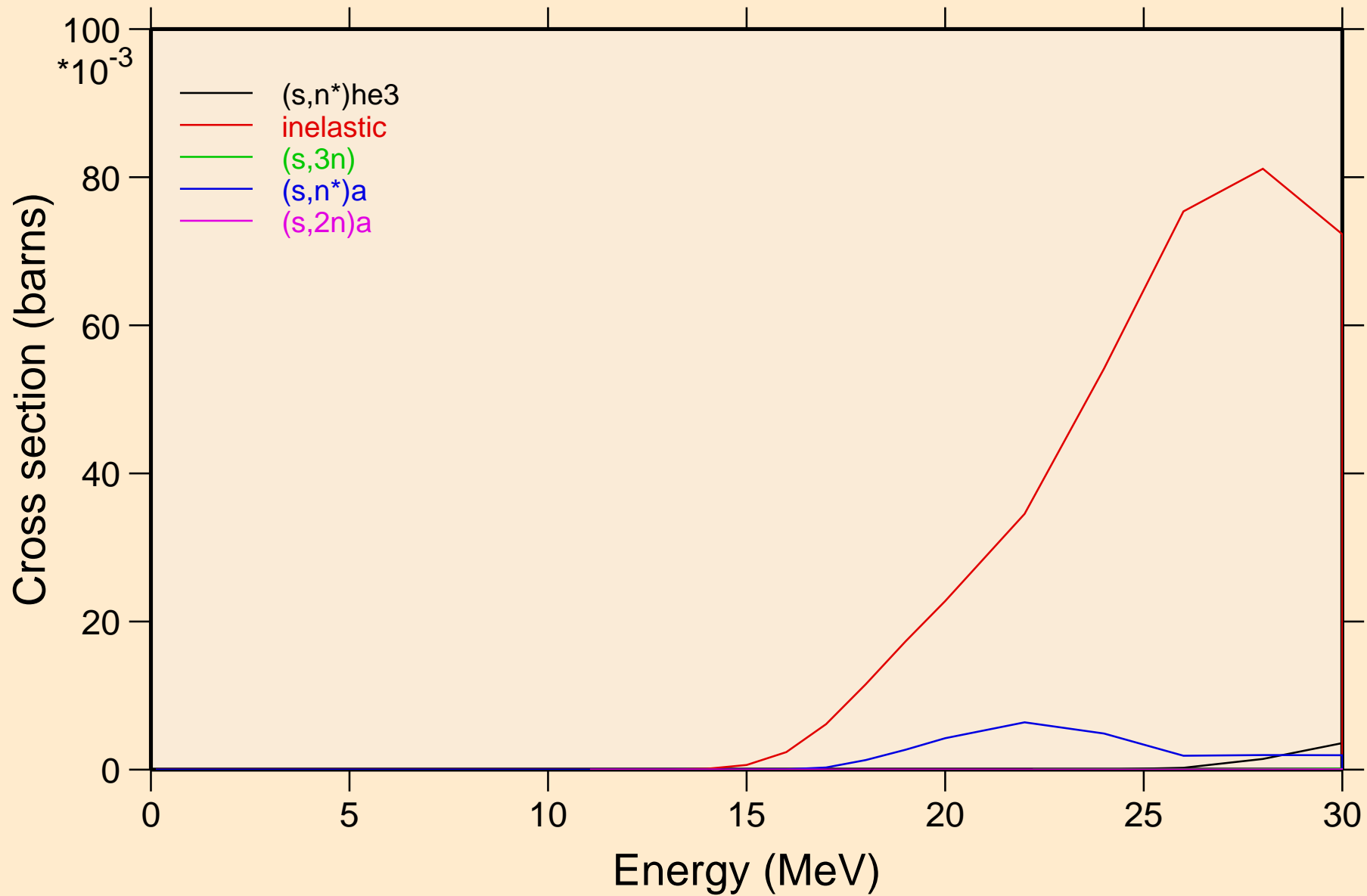


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



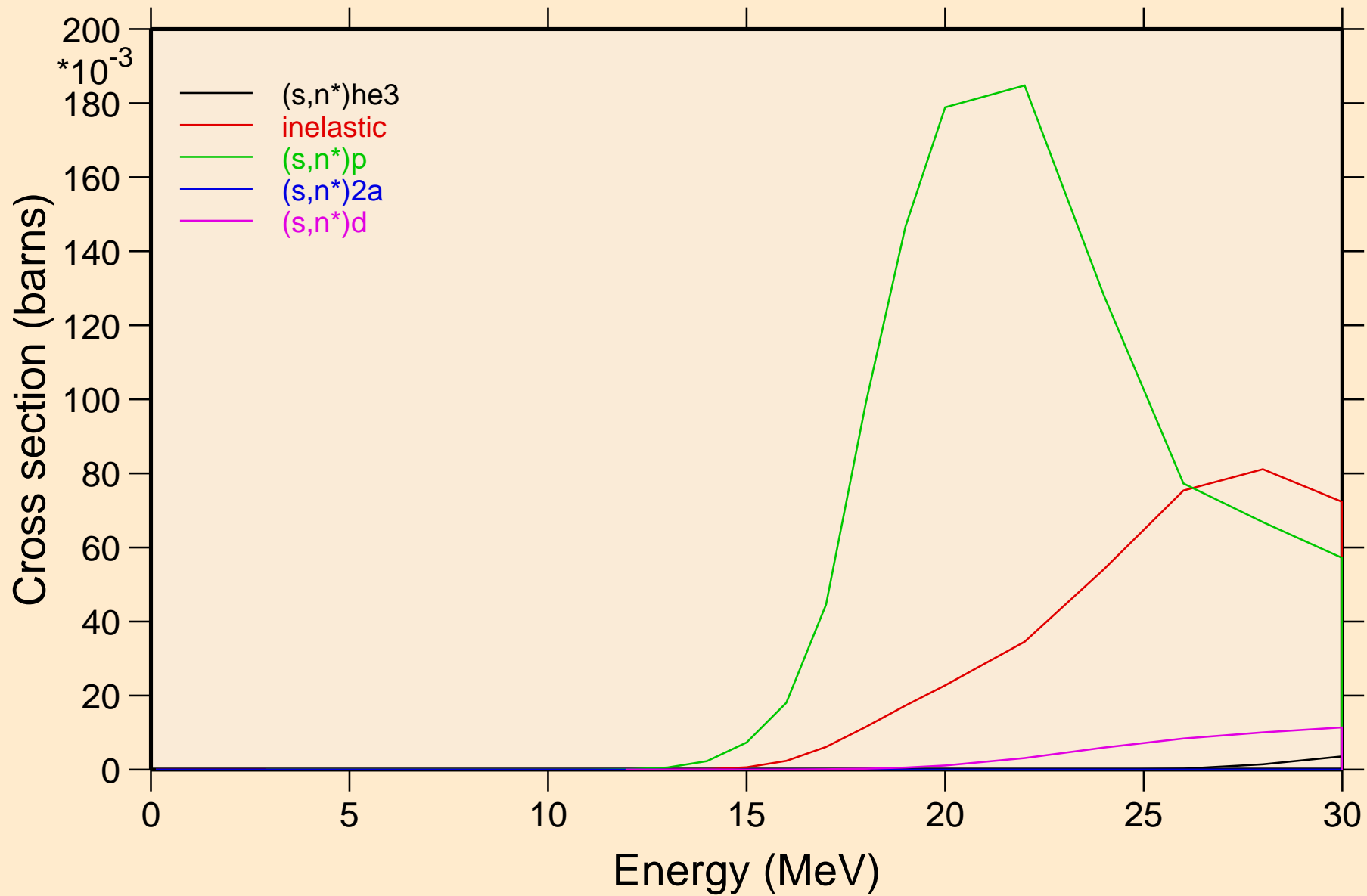
# CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



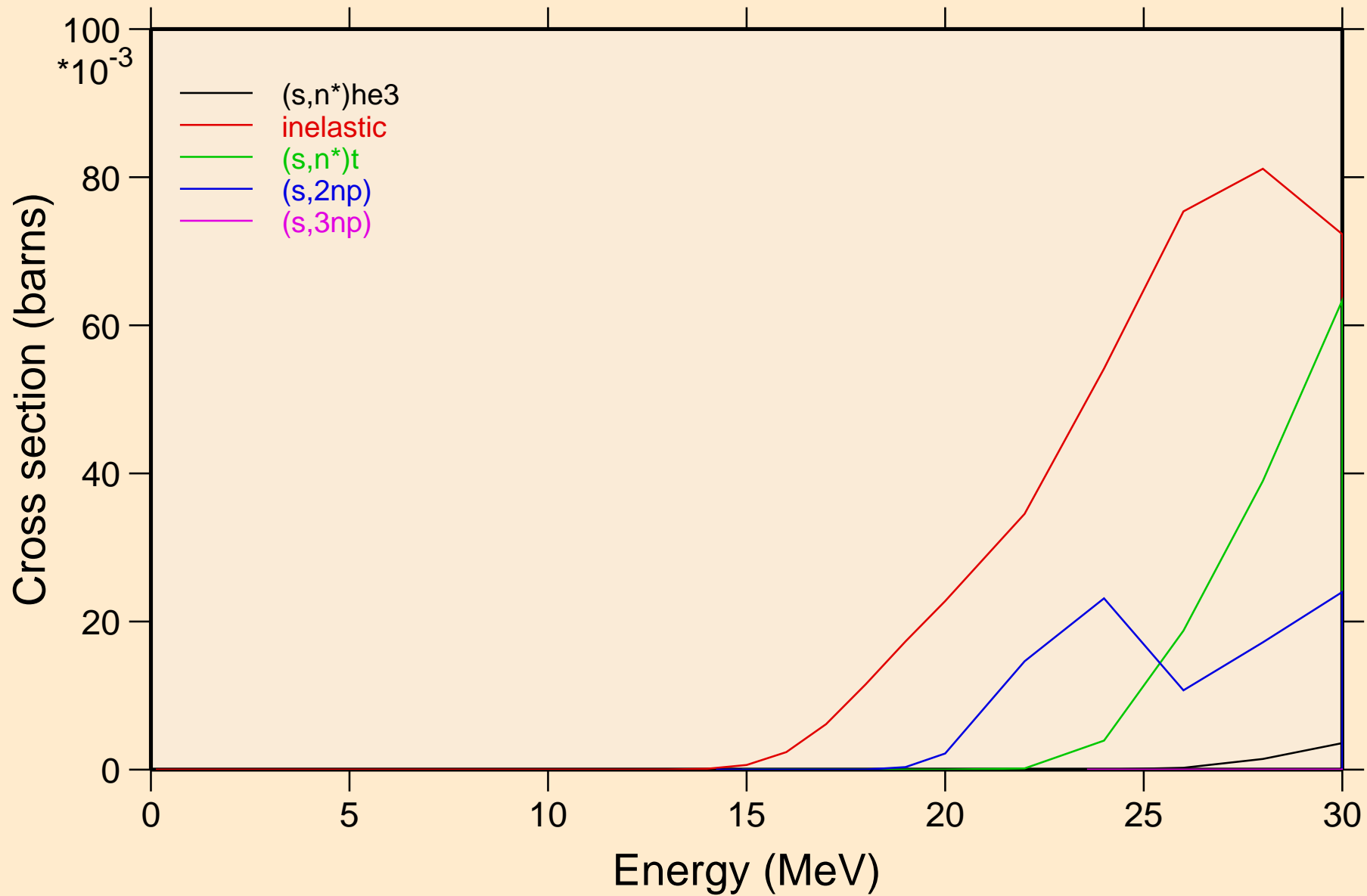
# CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



# CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K

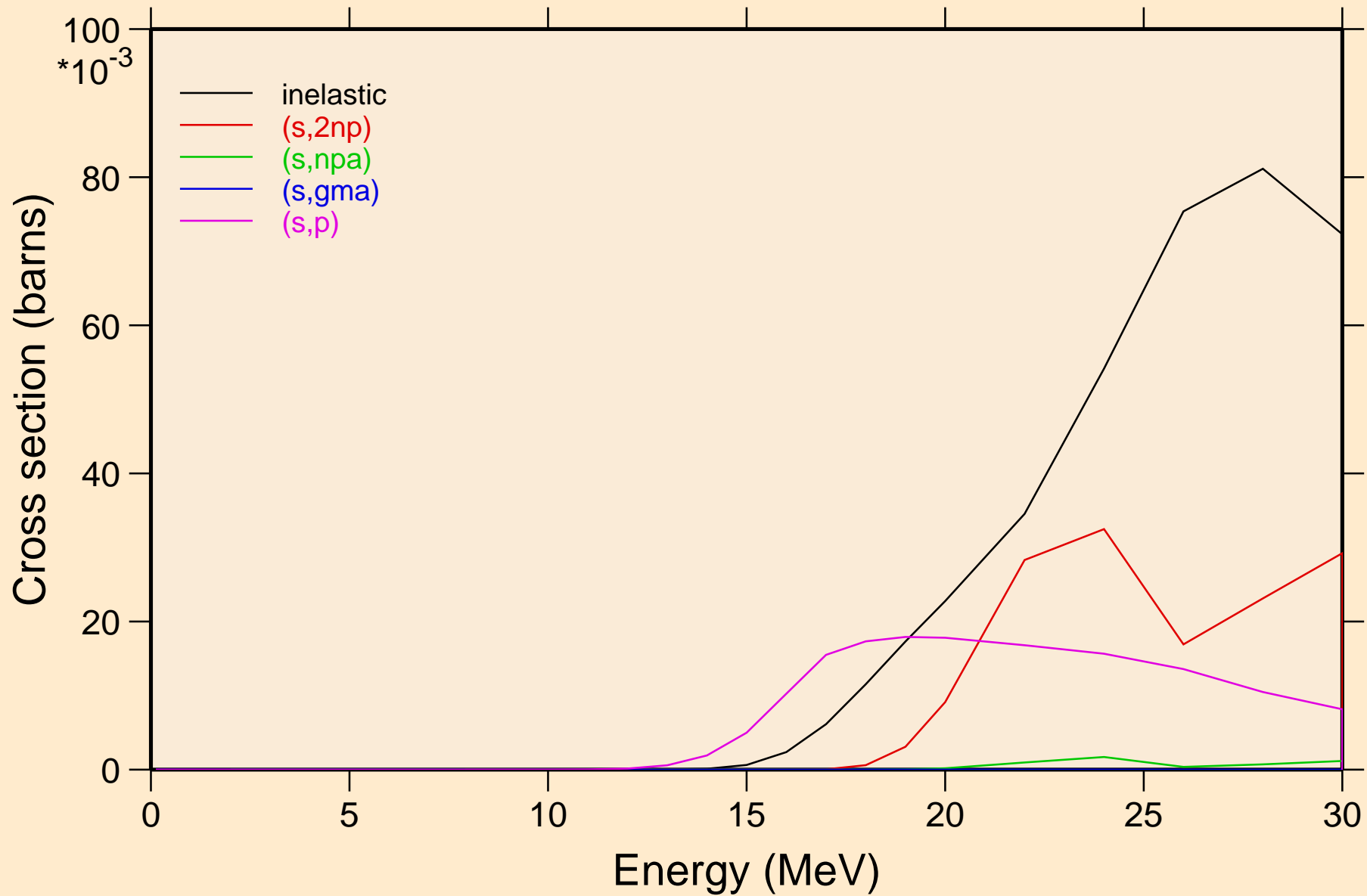
## Threshold reactions



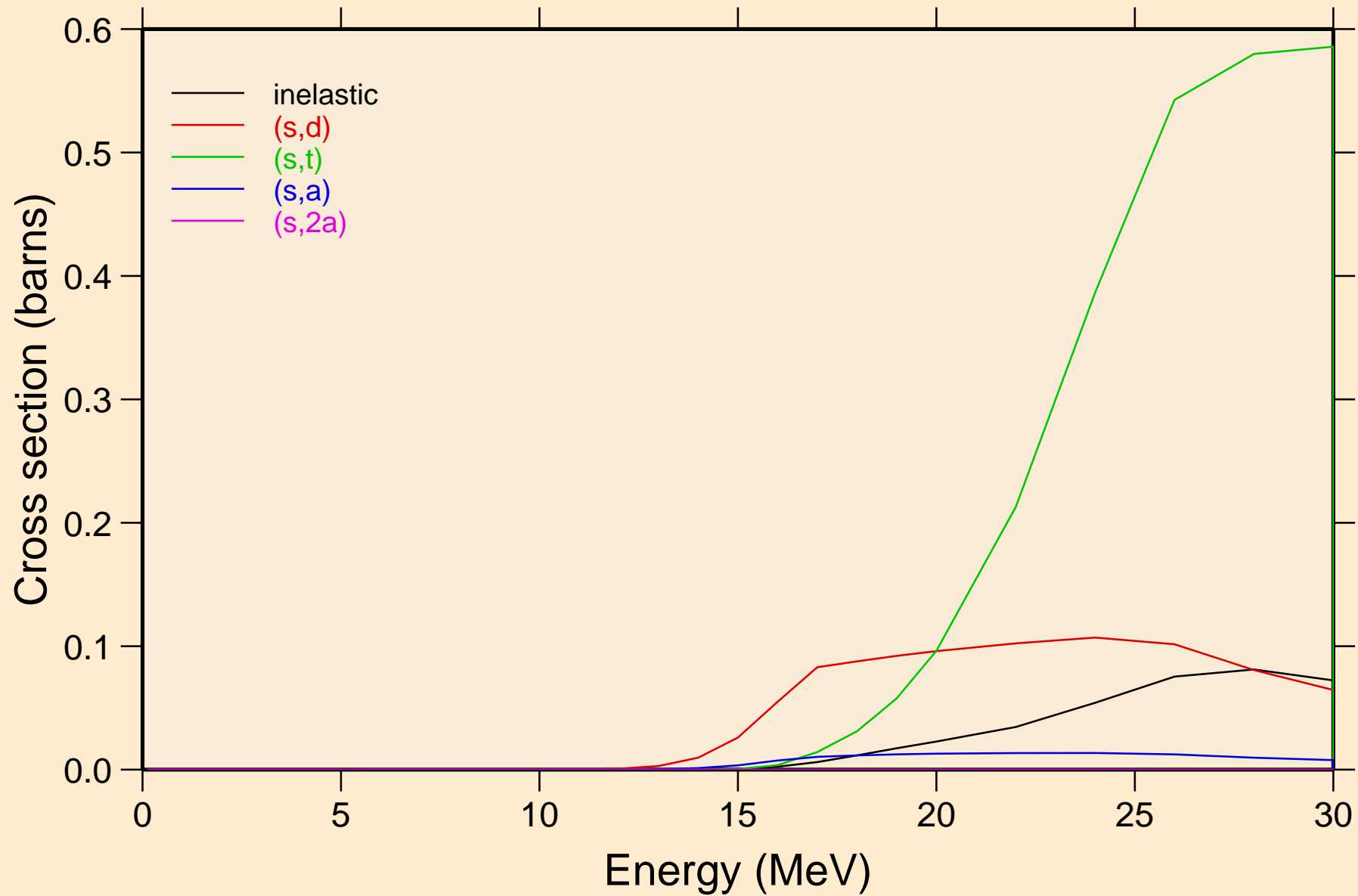


# CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

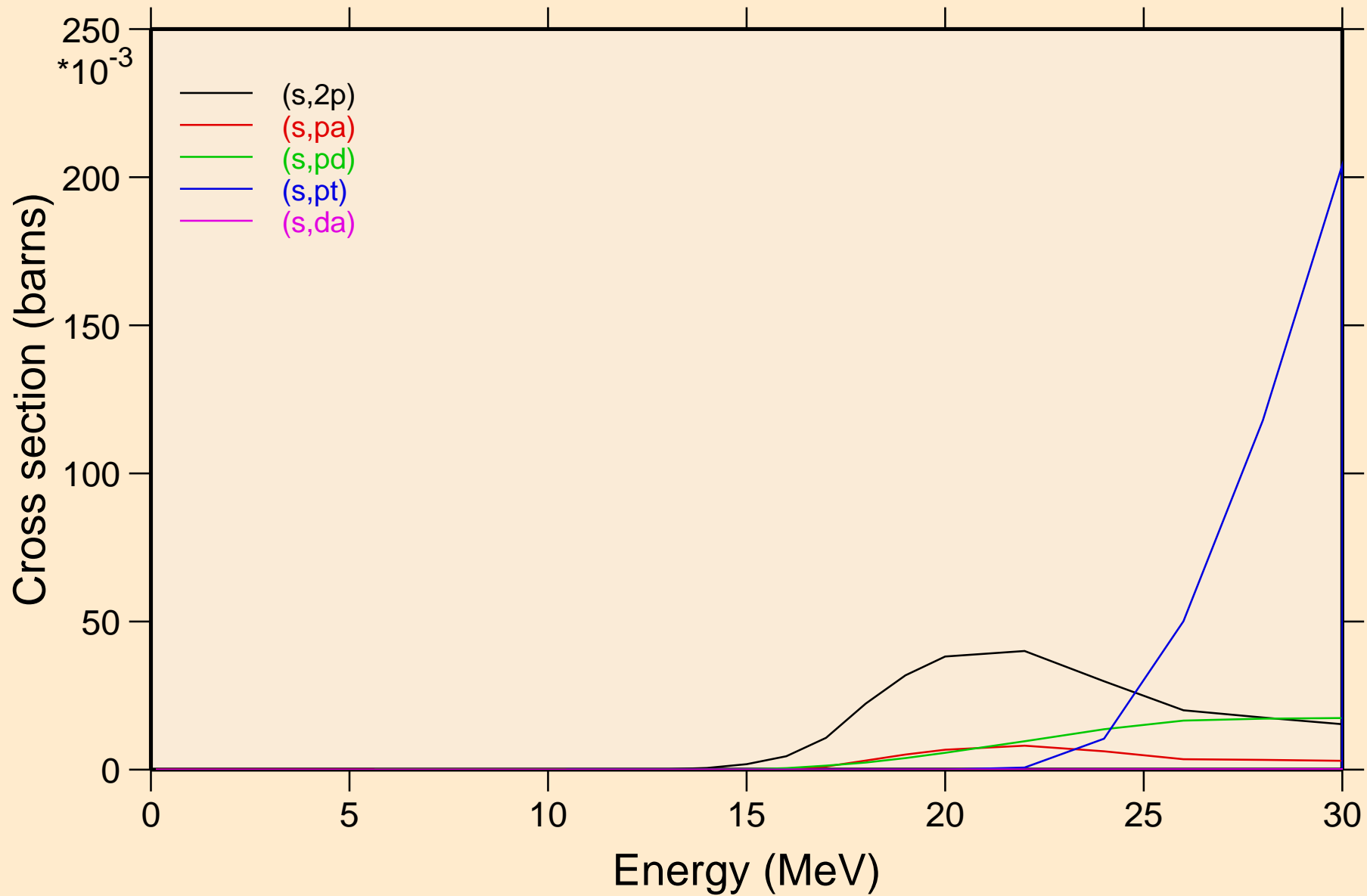


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

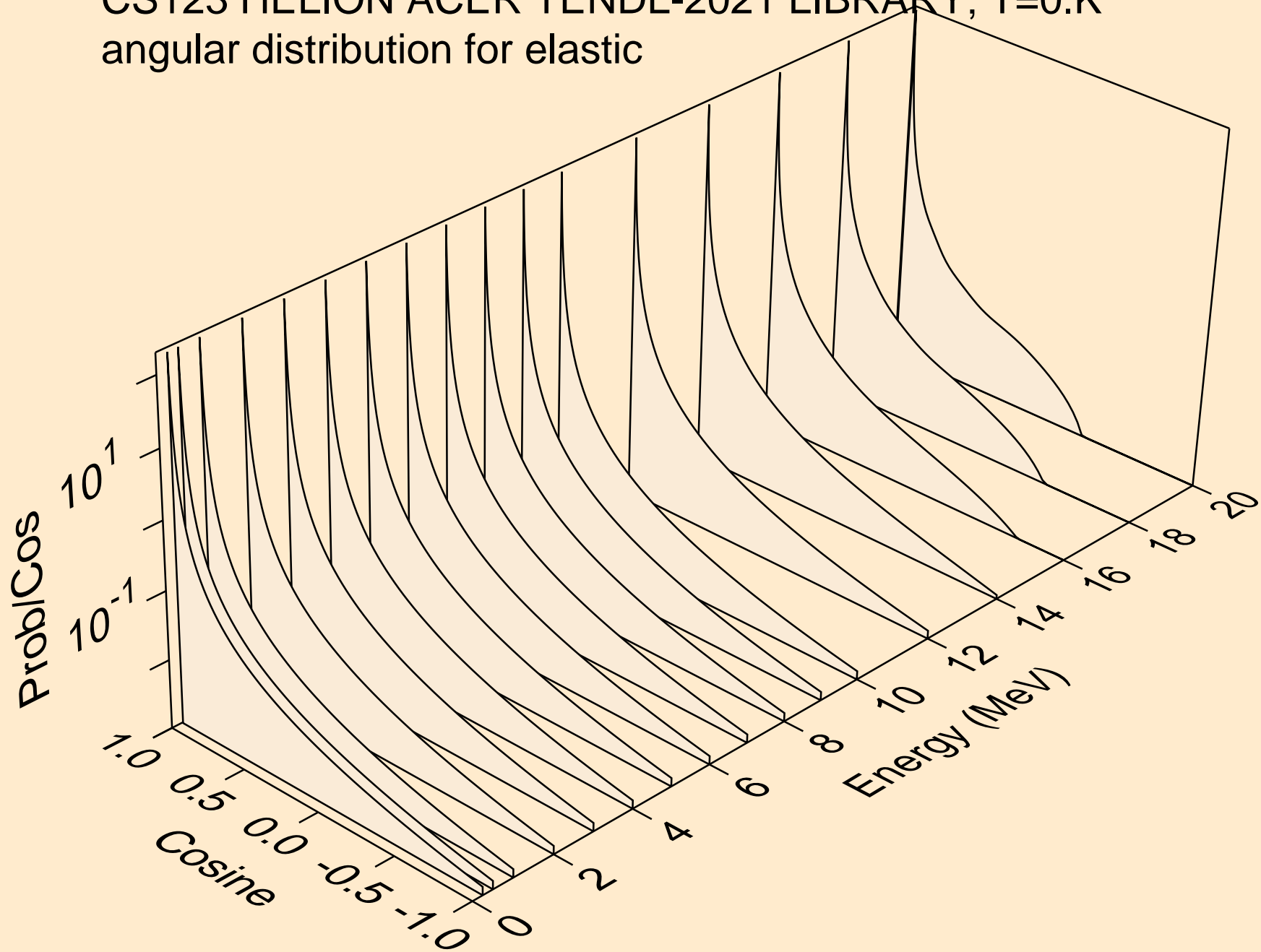


# CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K

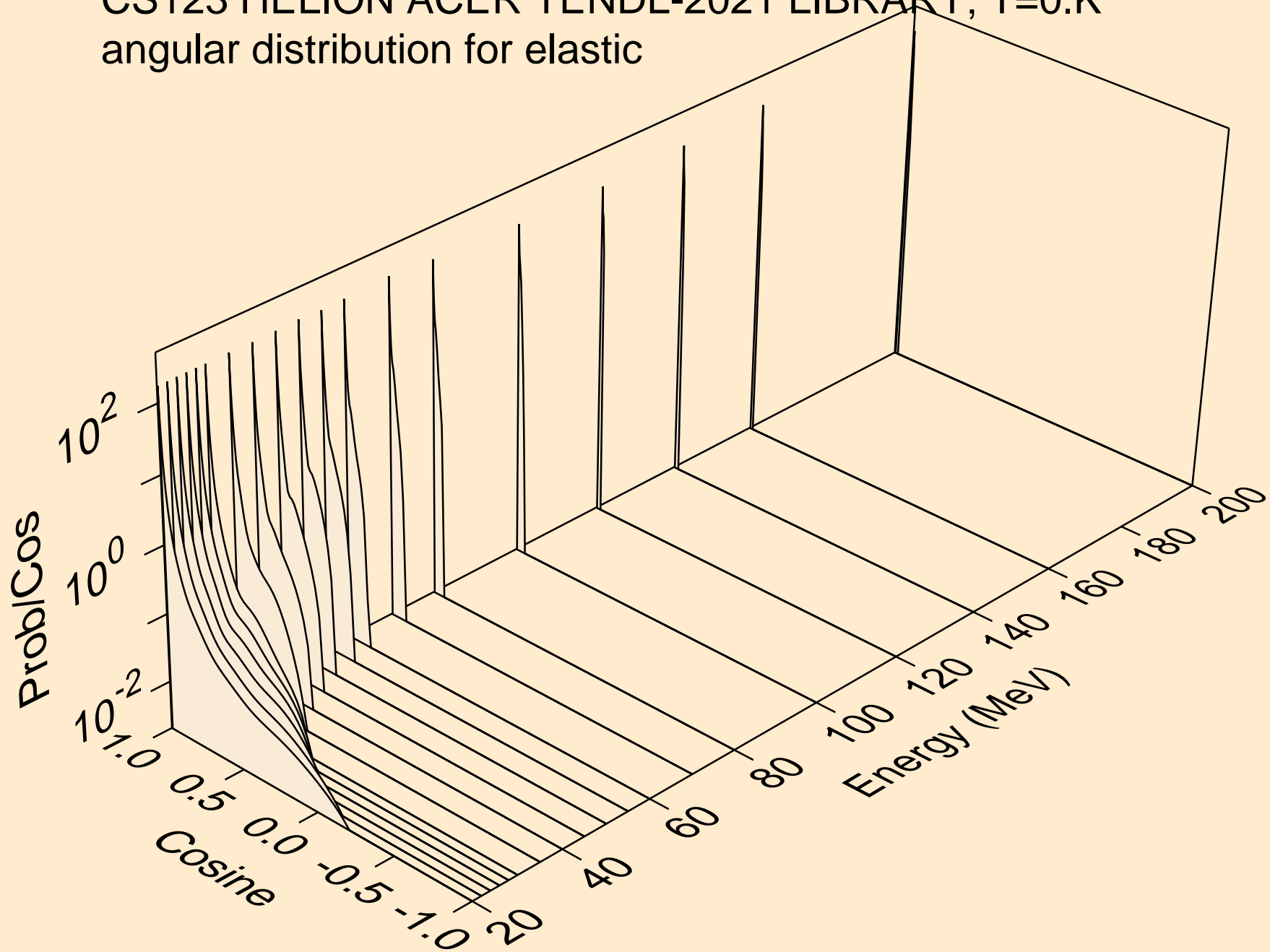
## Threshold reactions



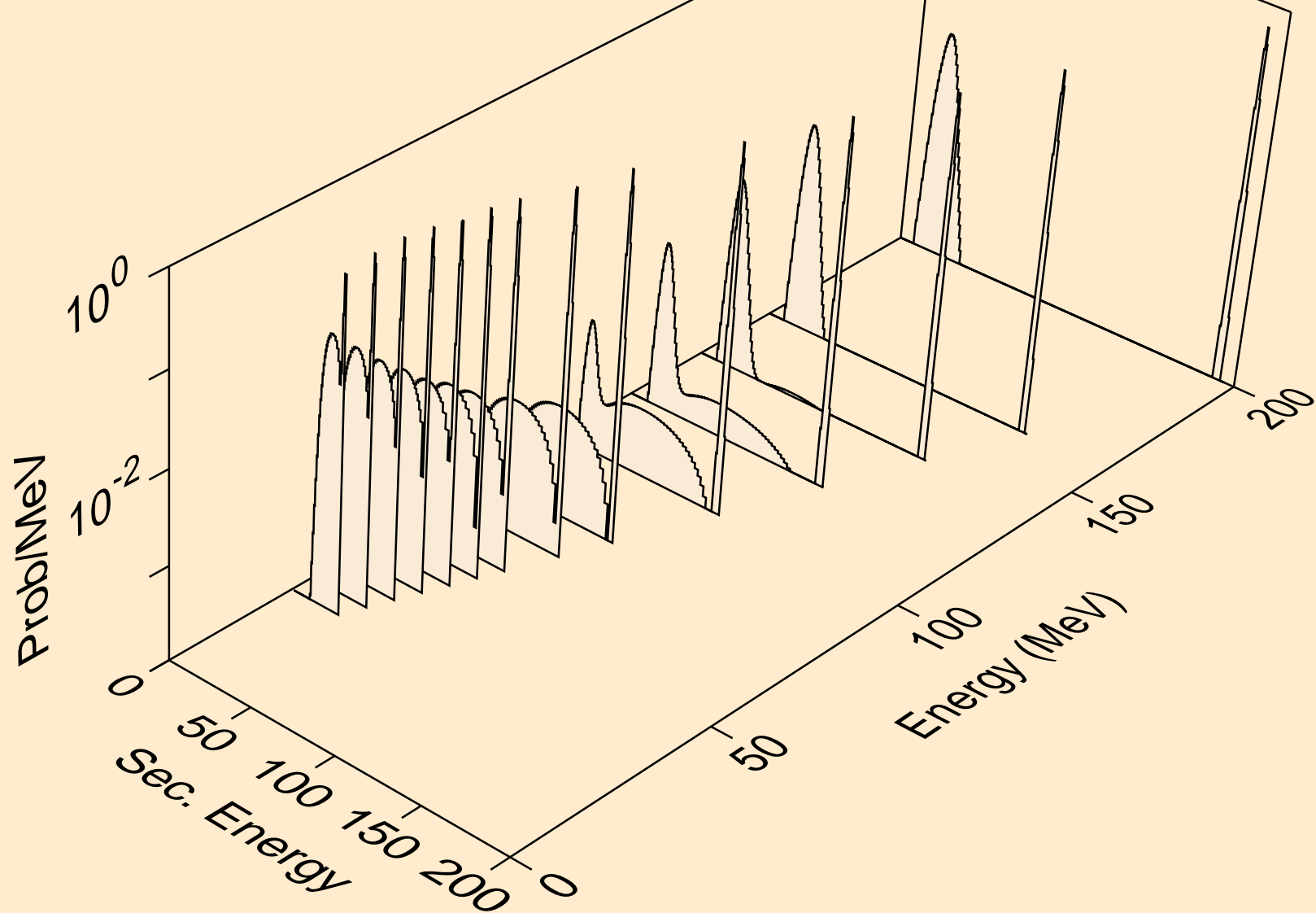
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



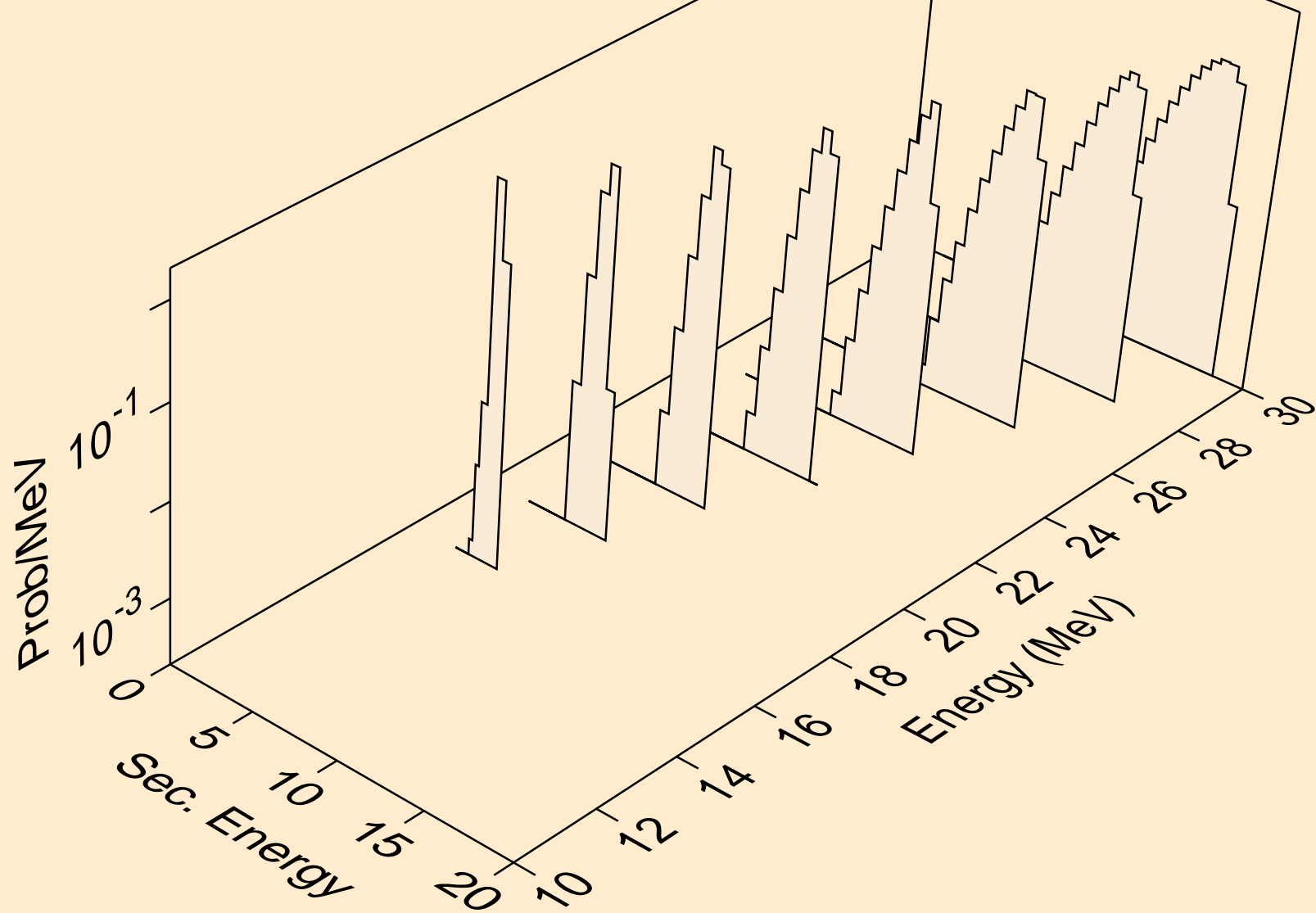
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



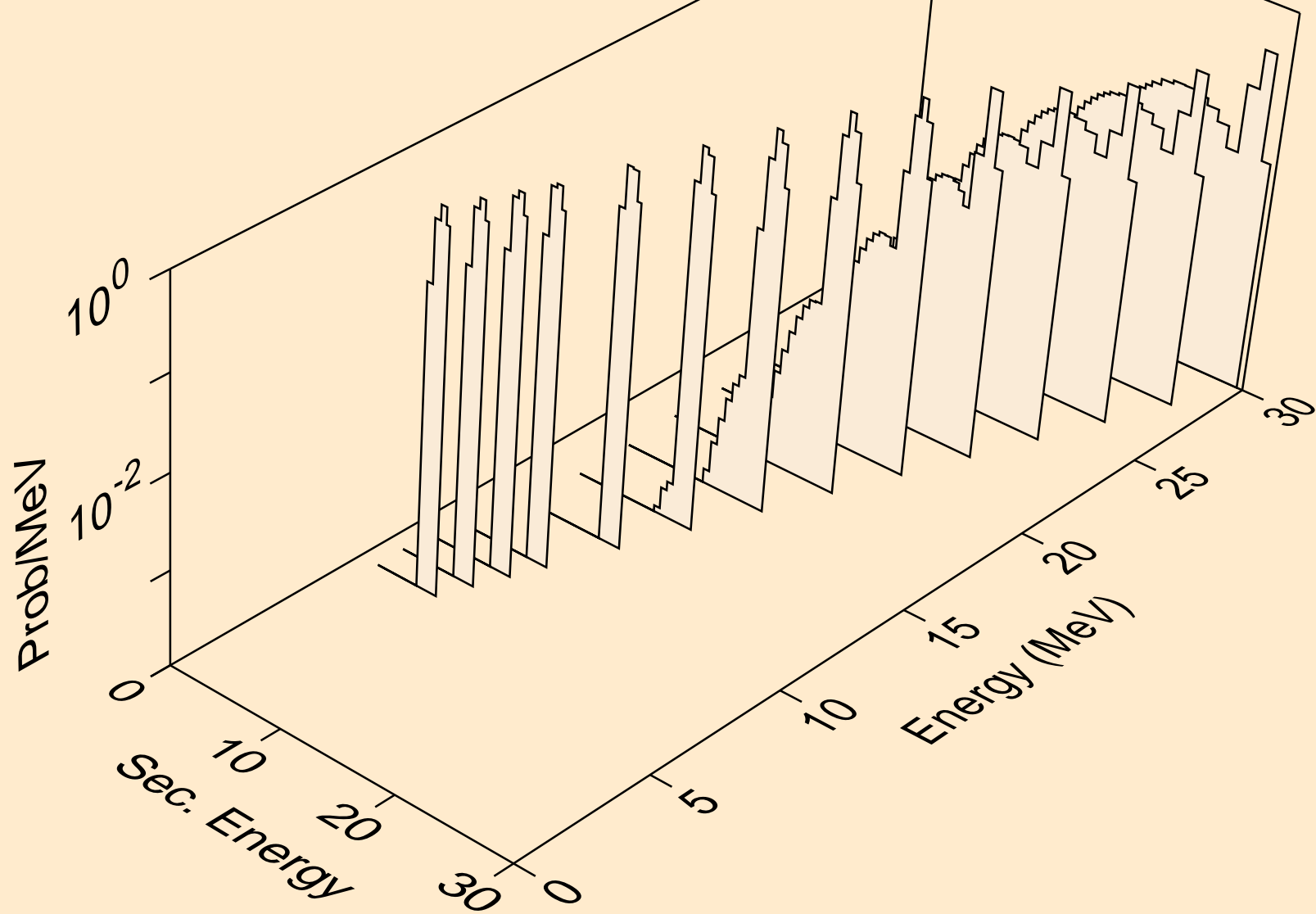
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

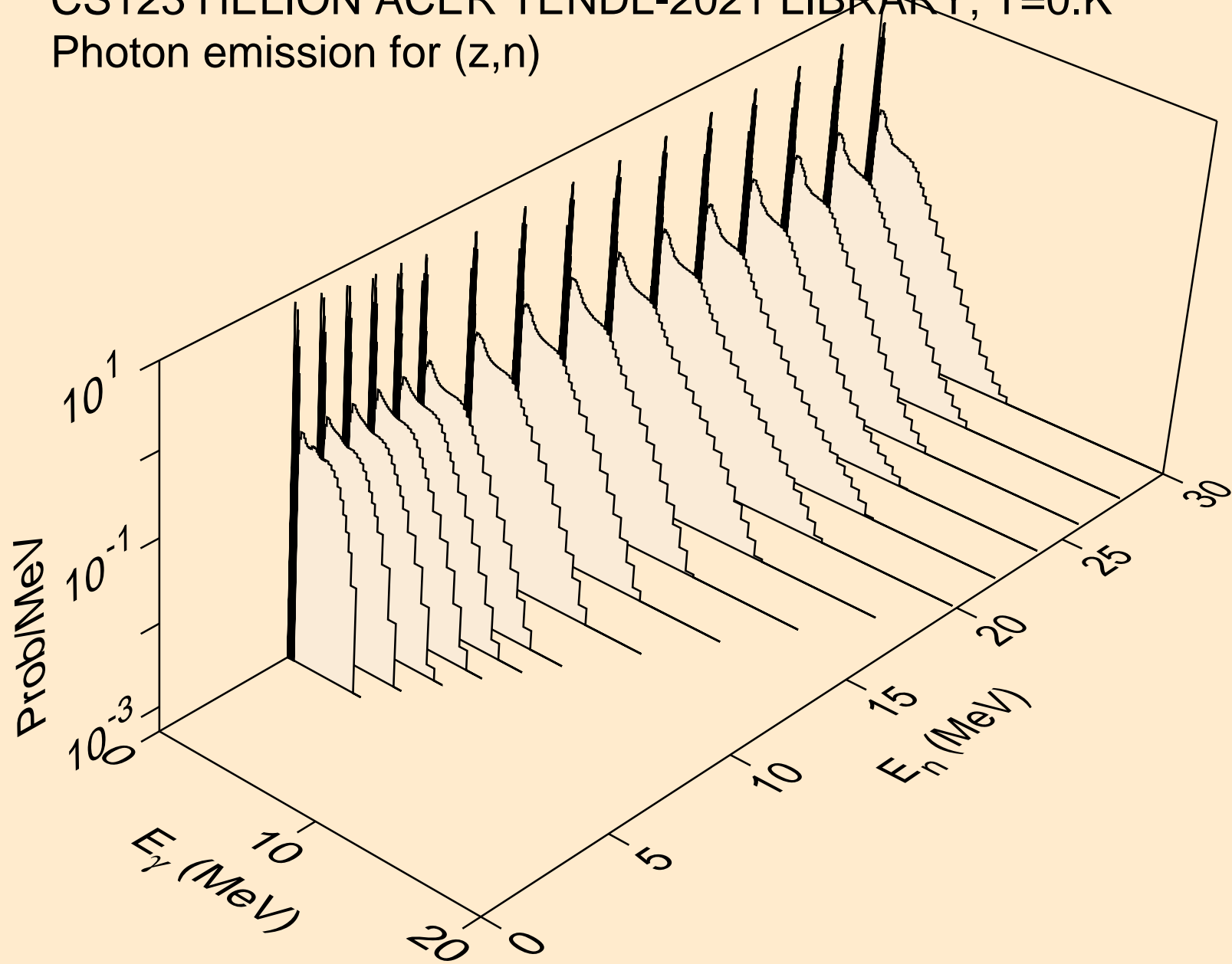


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

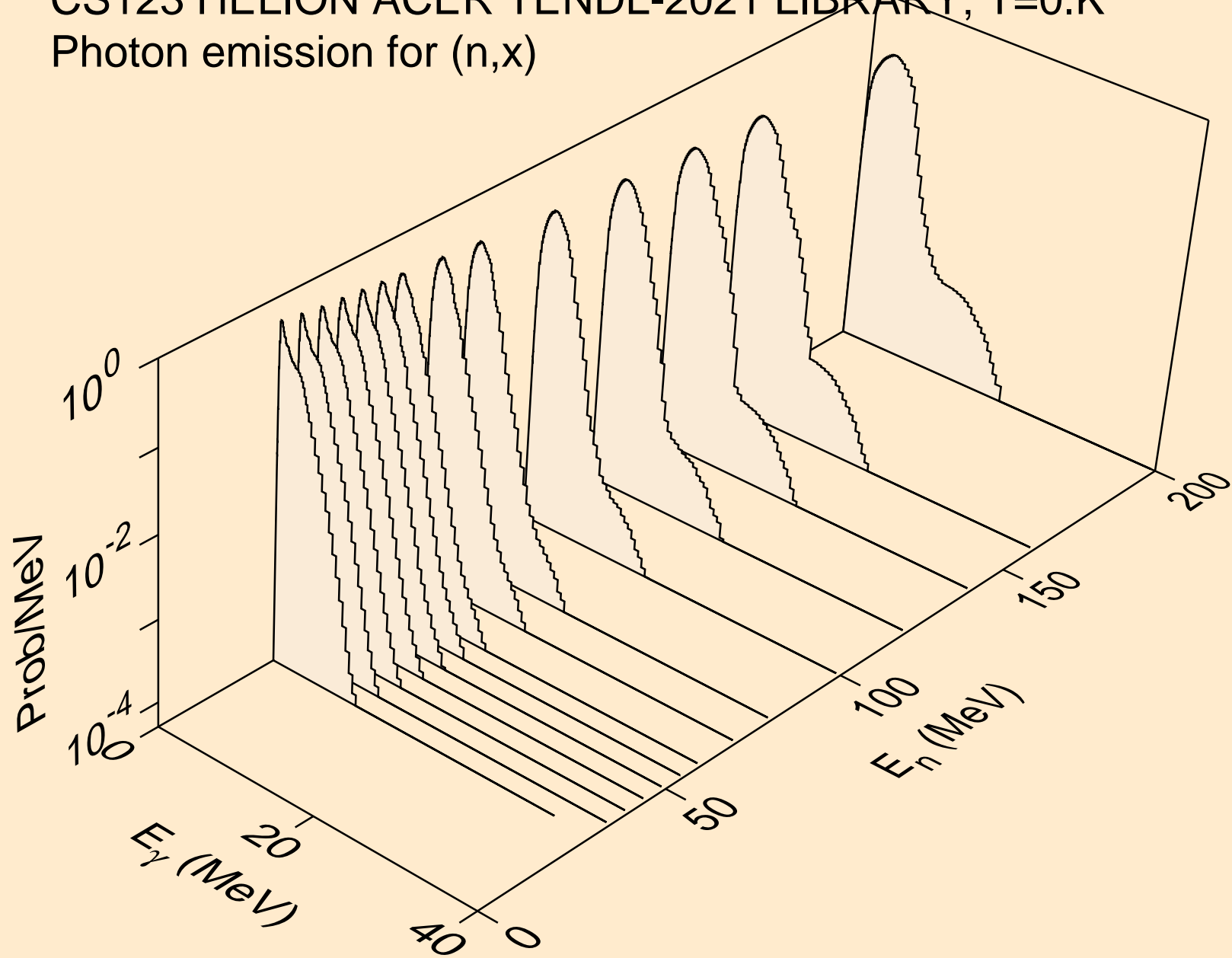




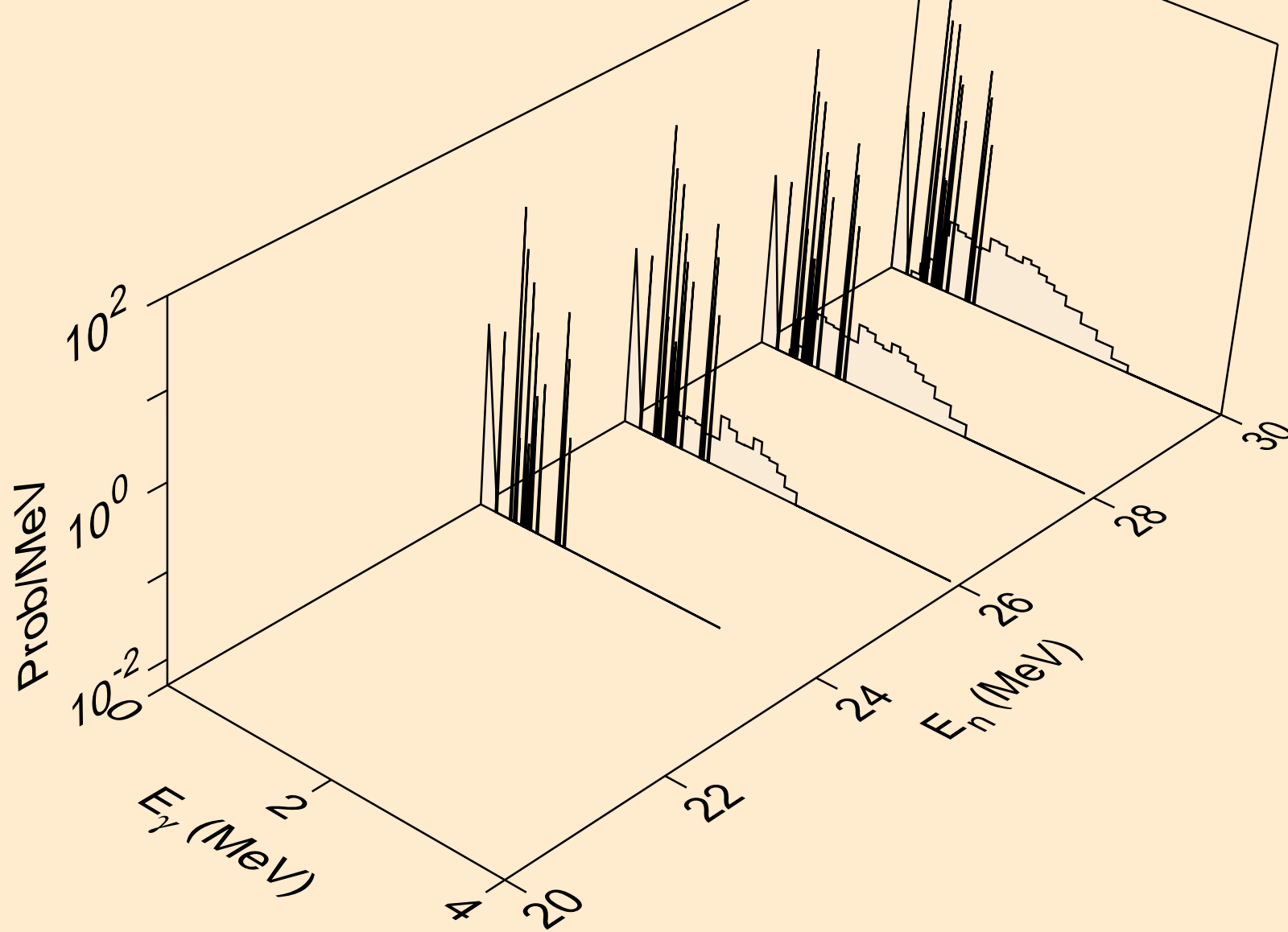
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



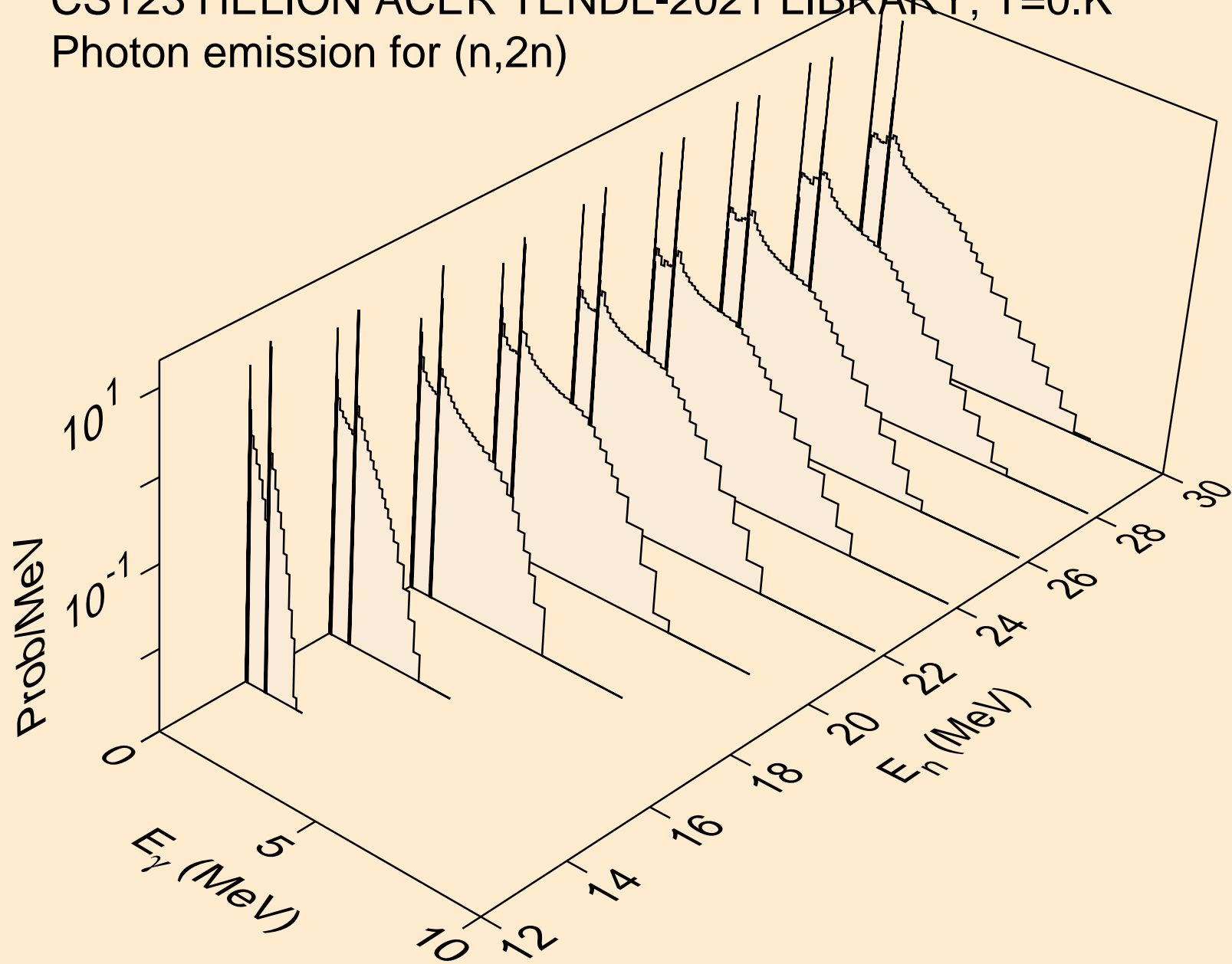
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



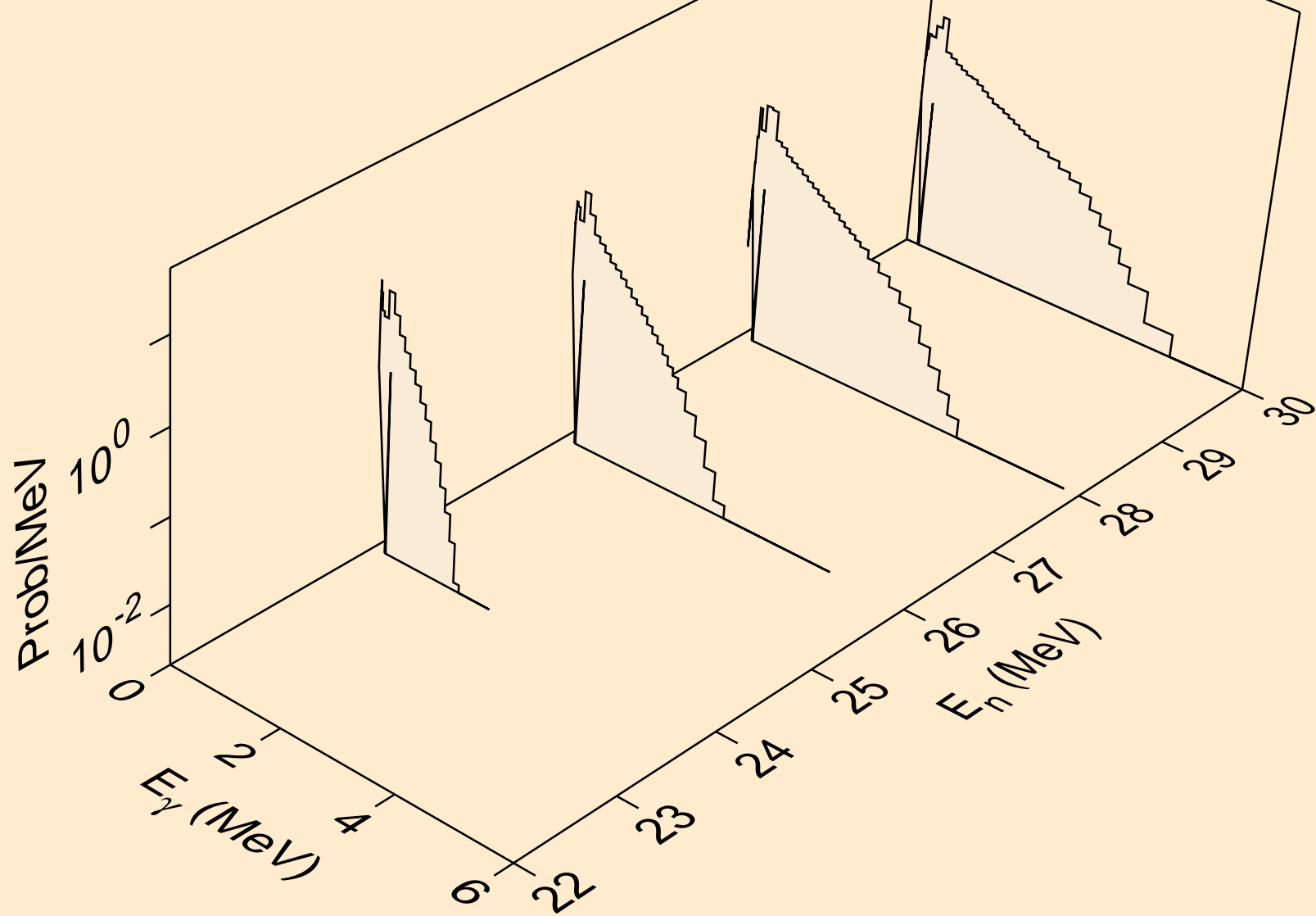
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



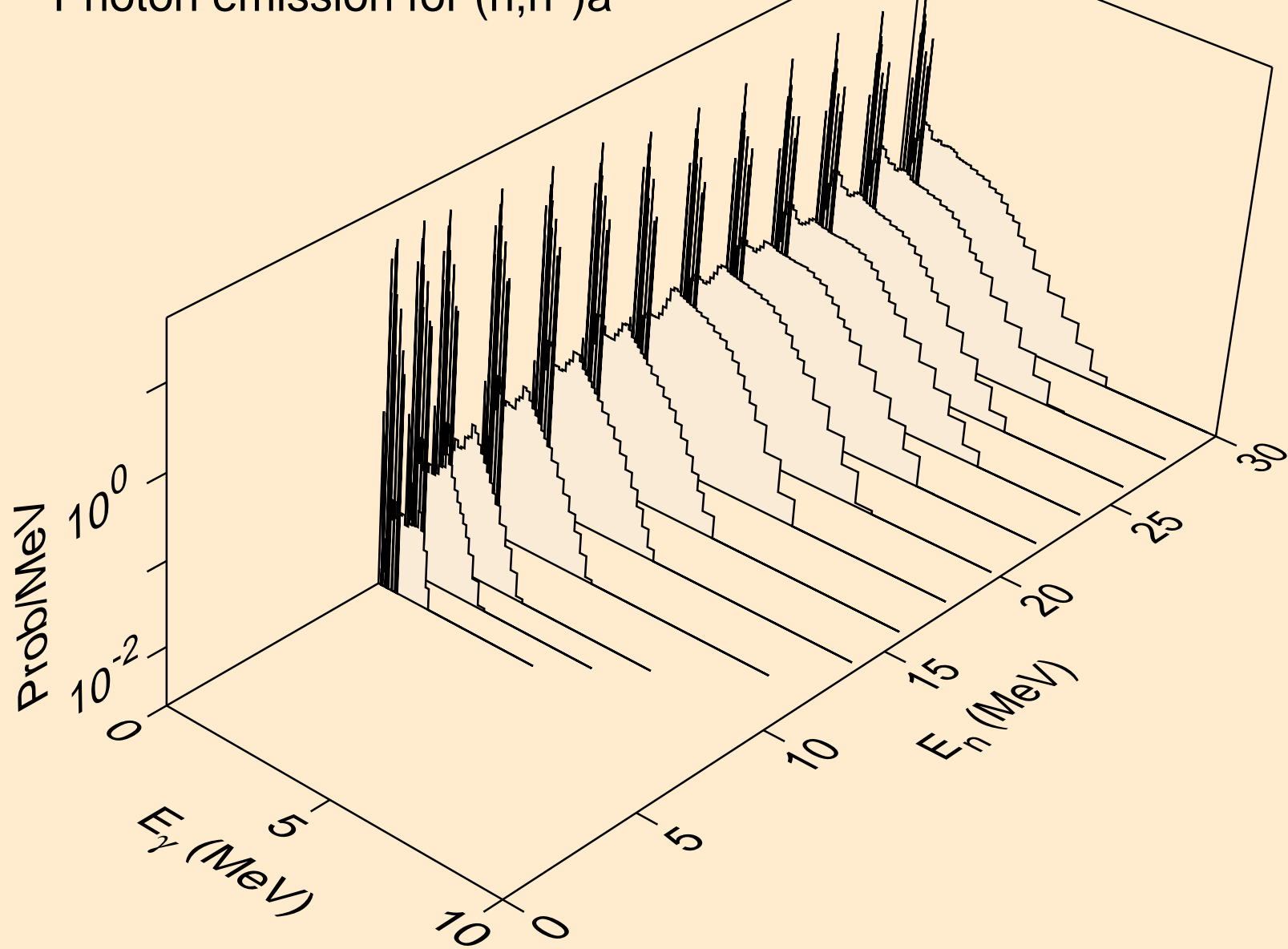
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



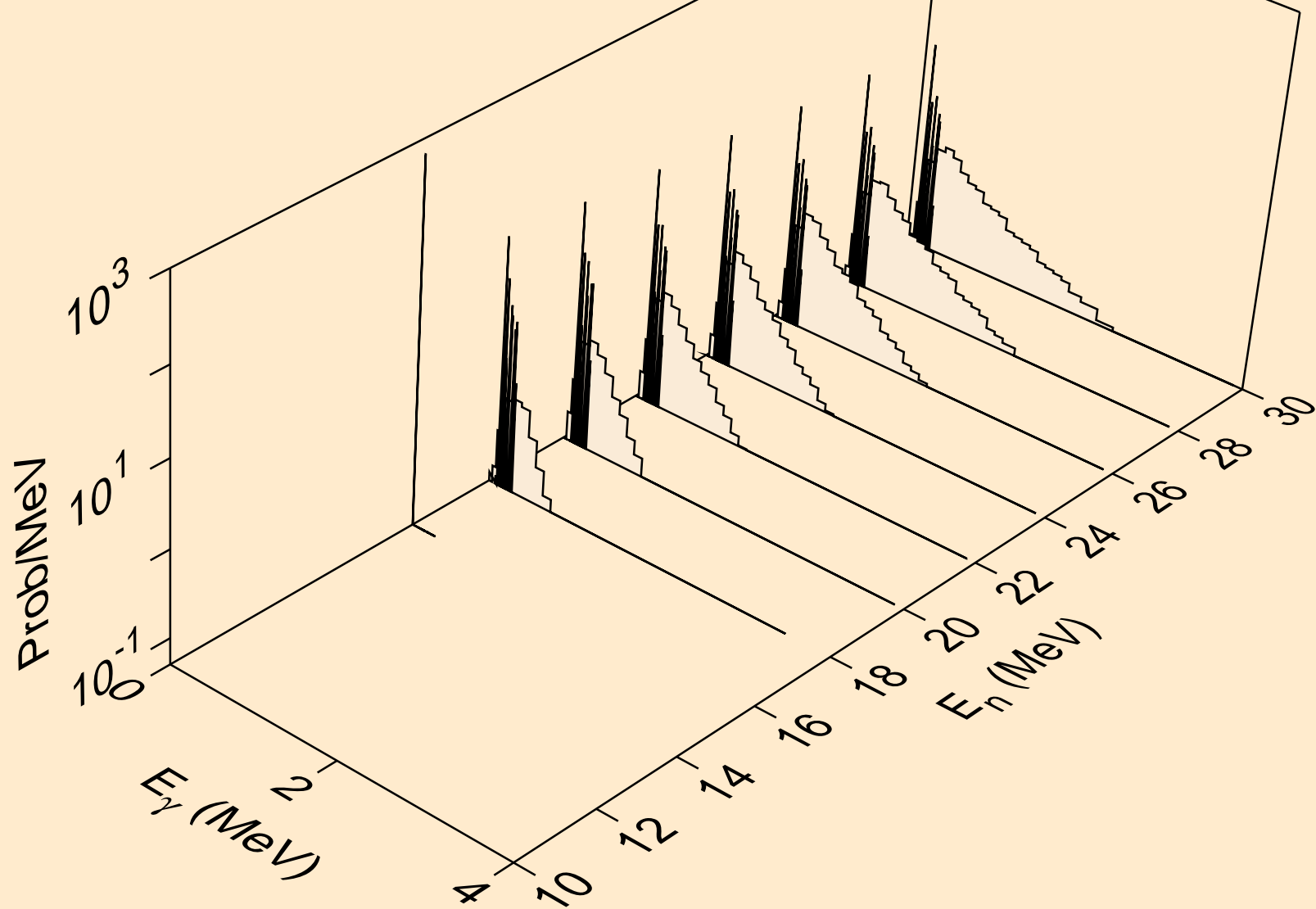
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



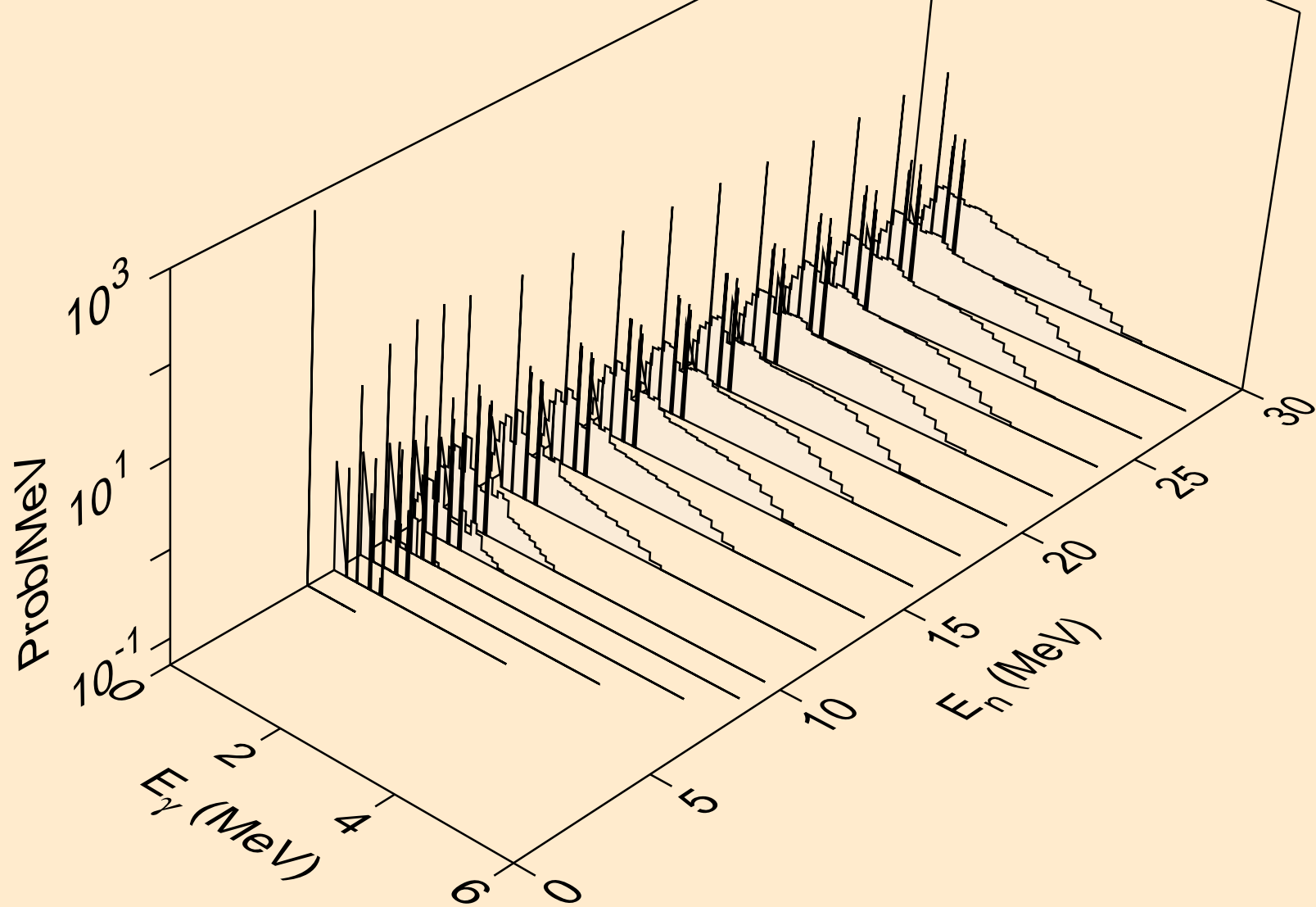
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

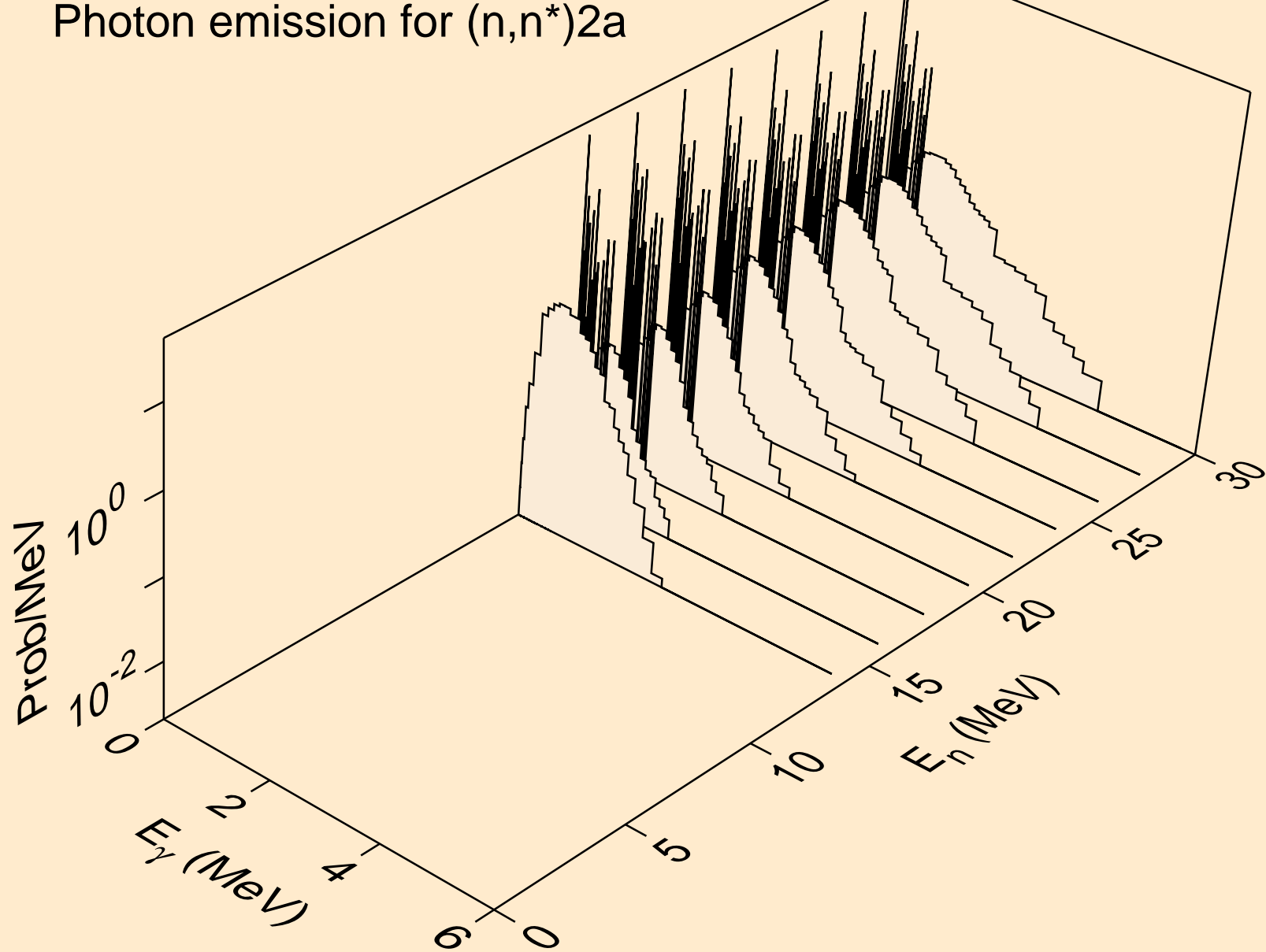


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

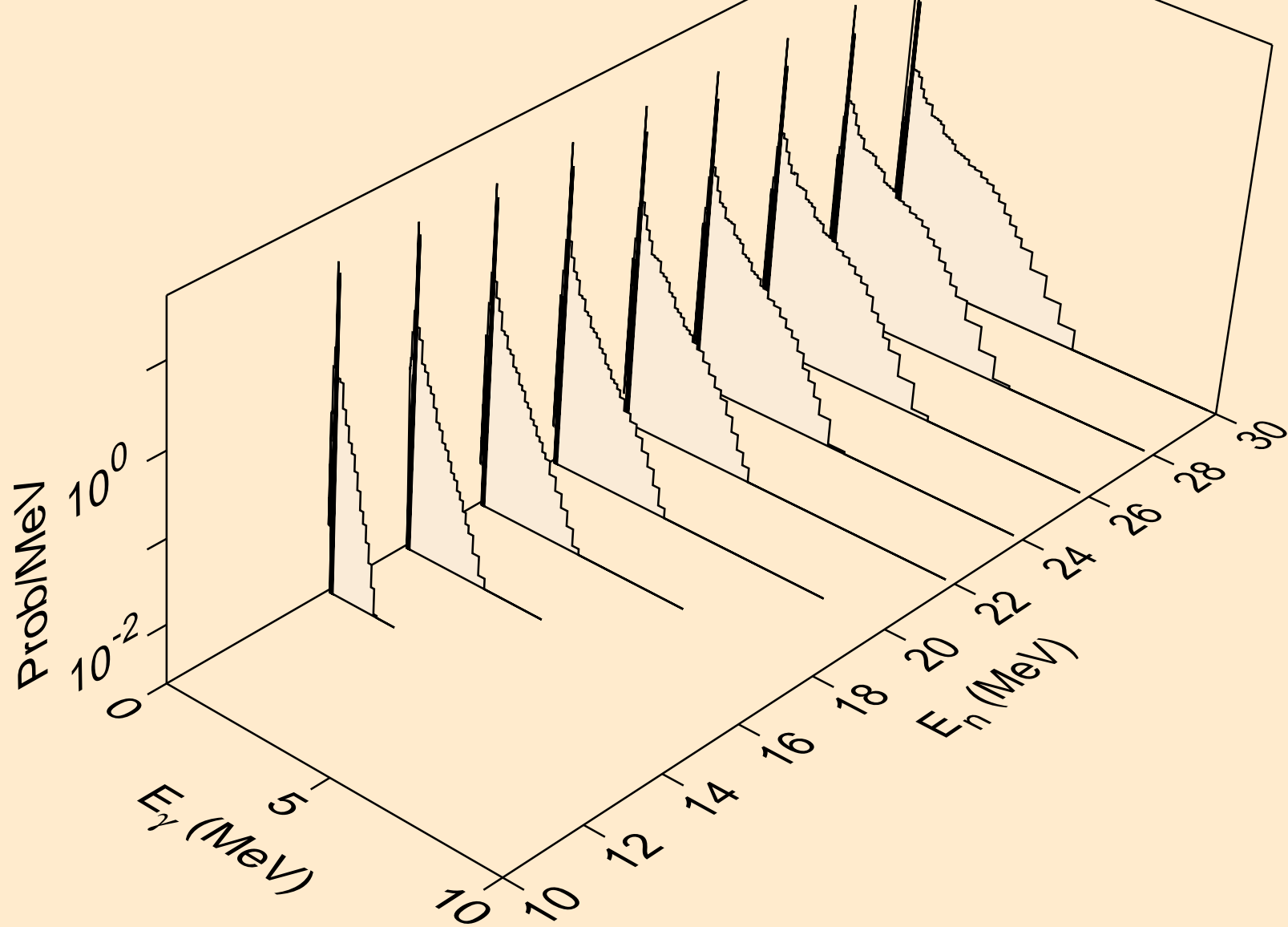




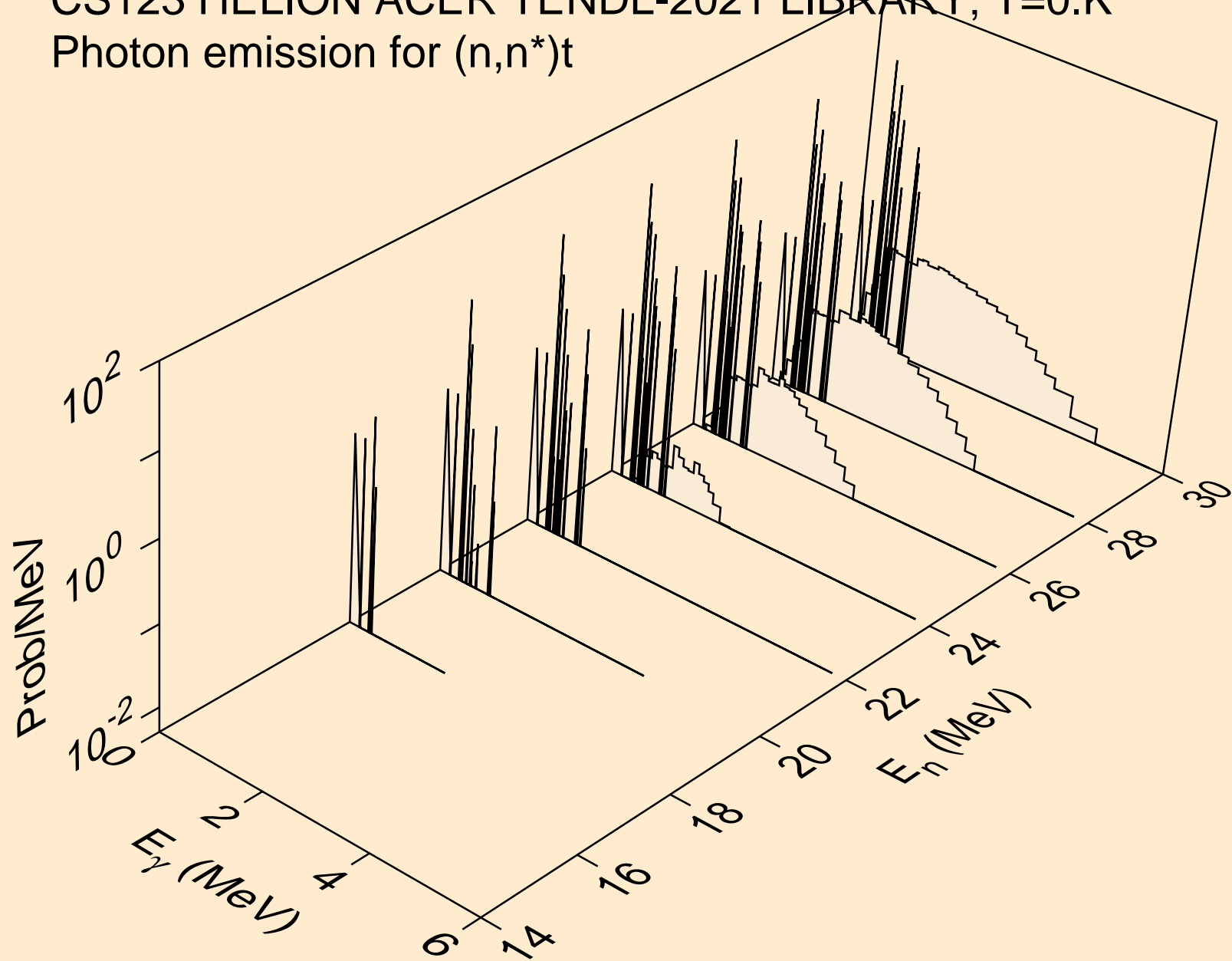
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



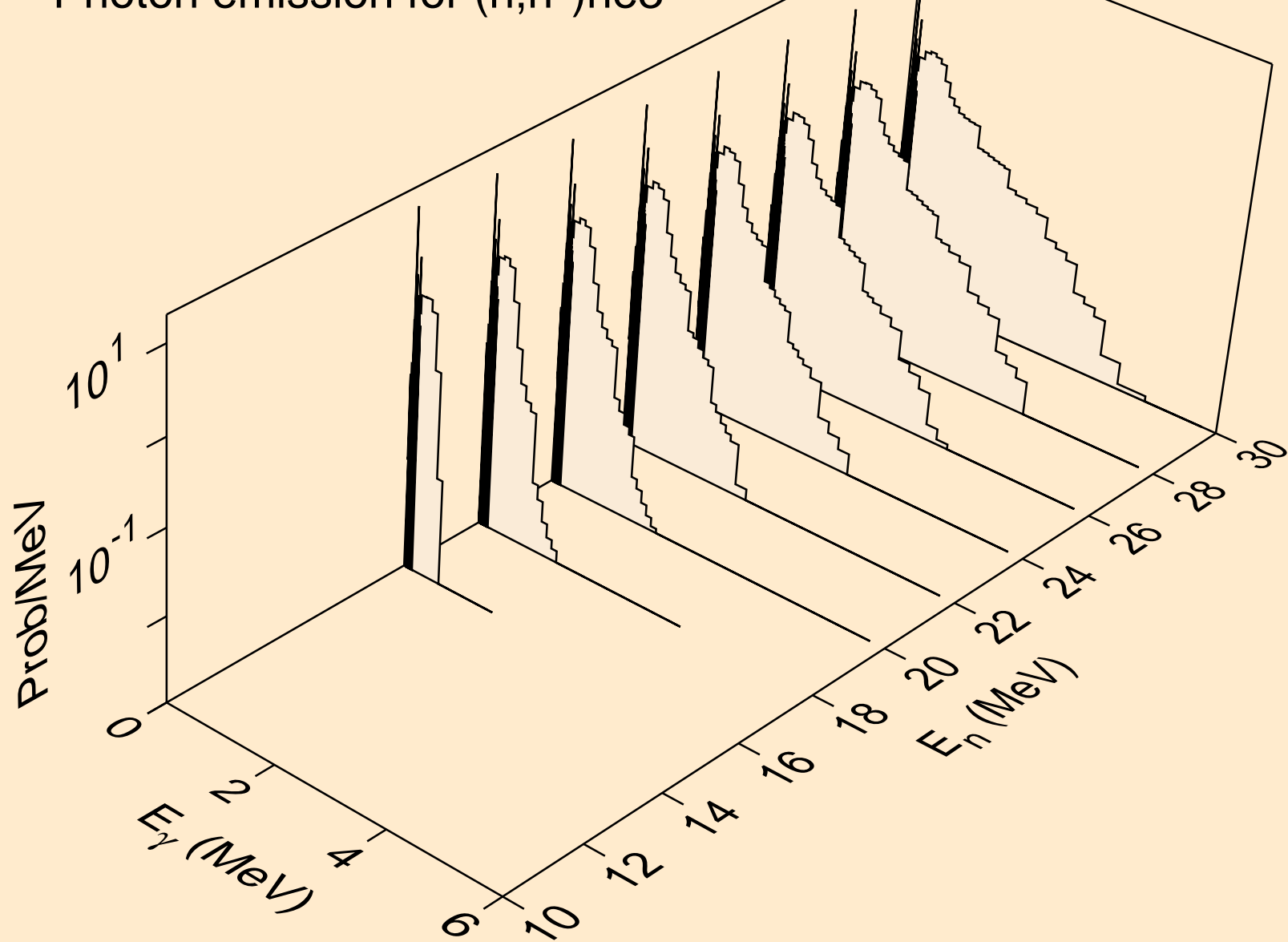
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



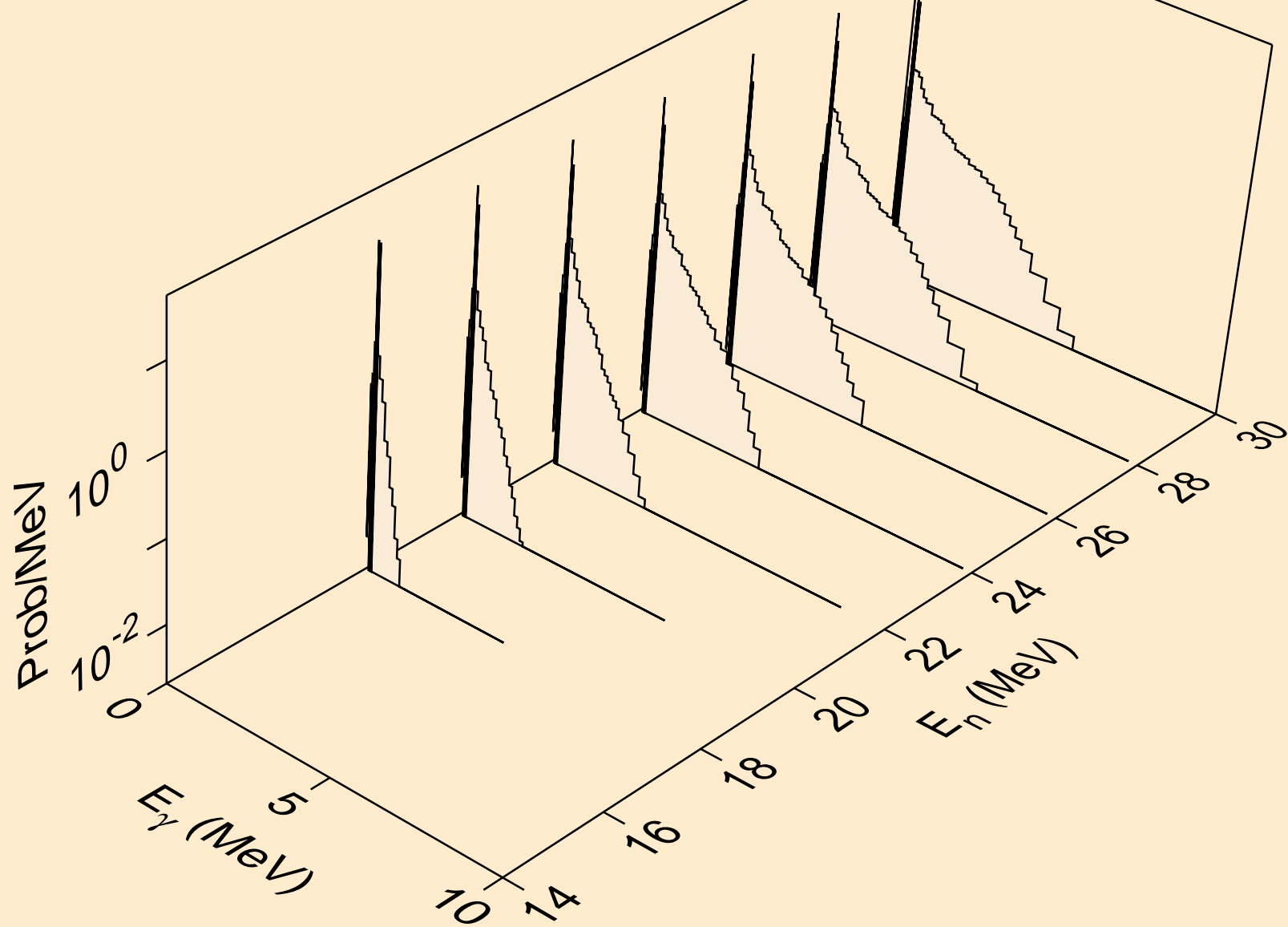
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



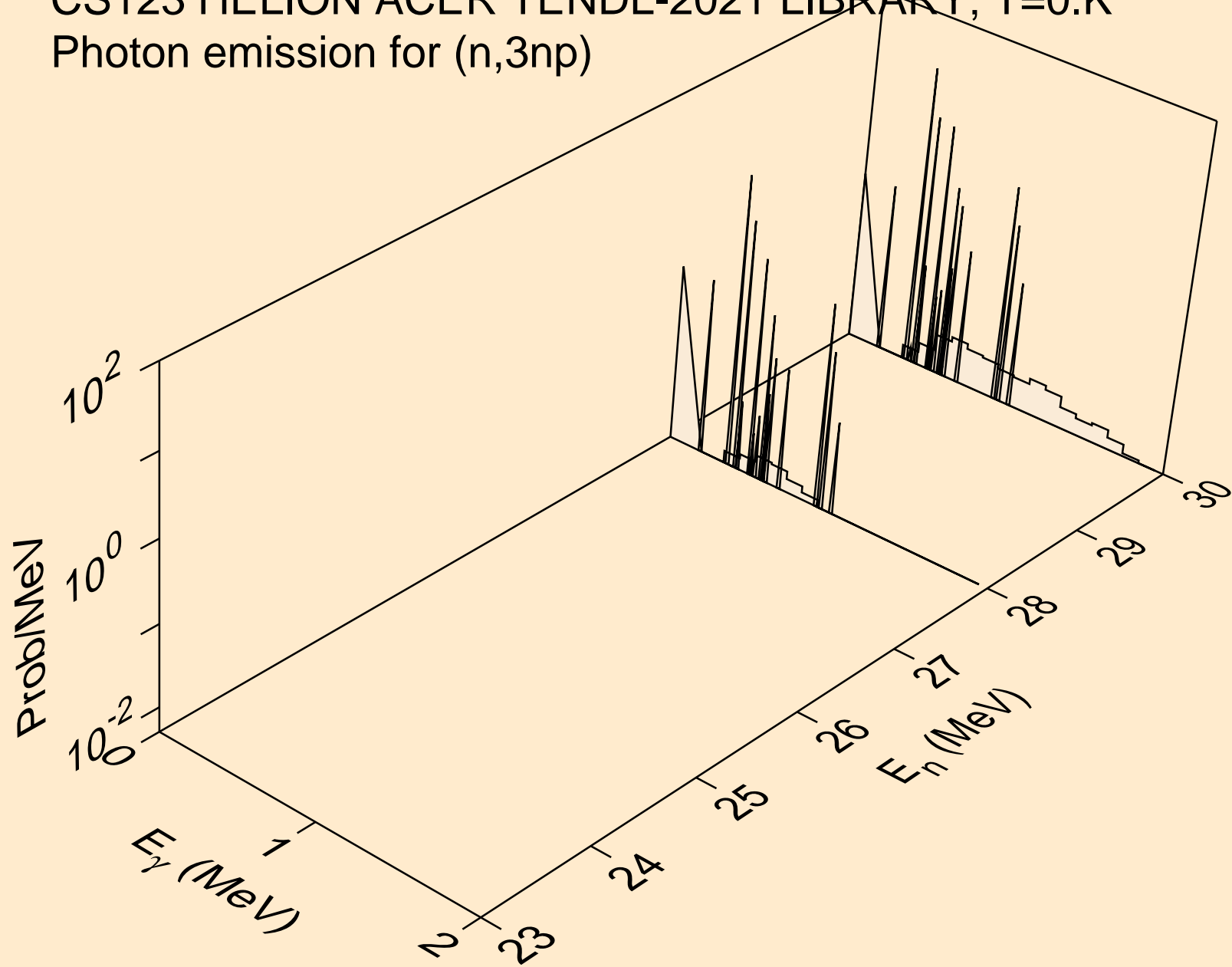
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



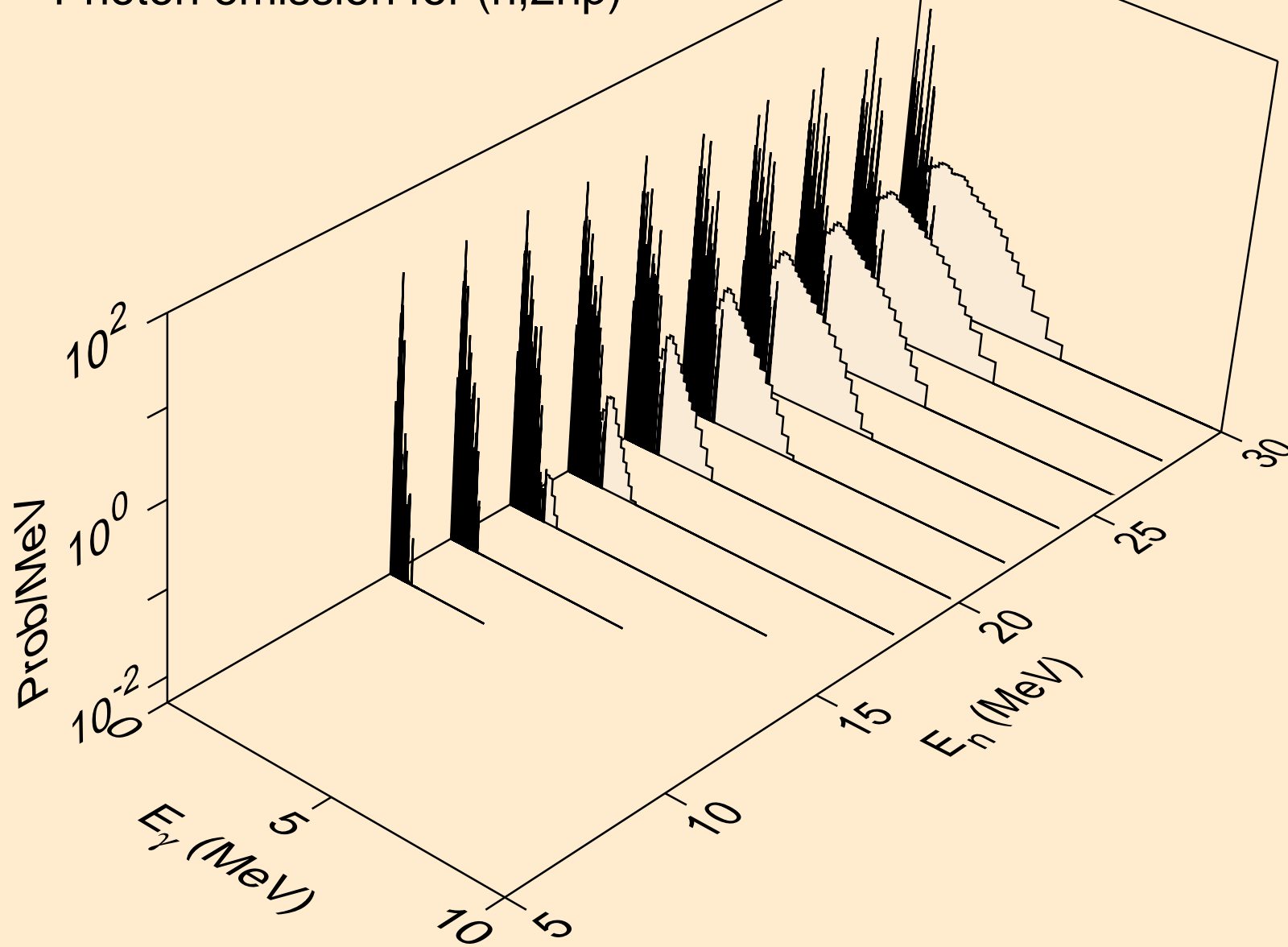
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



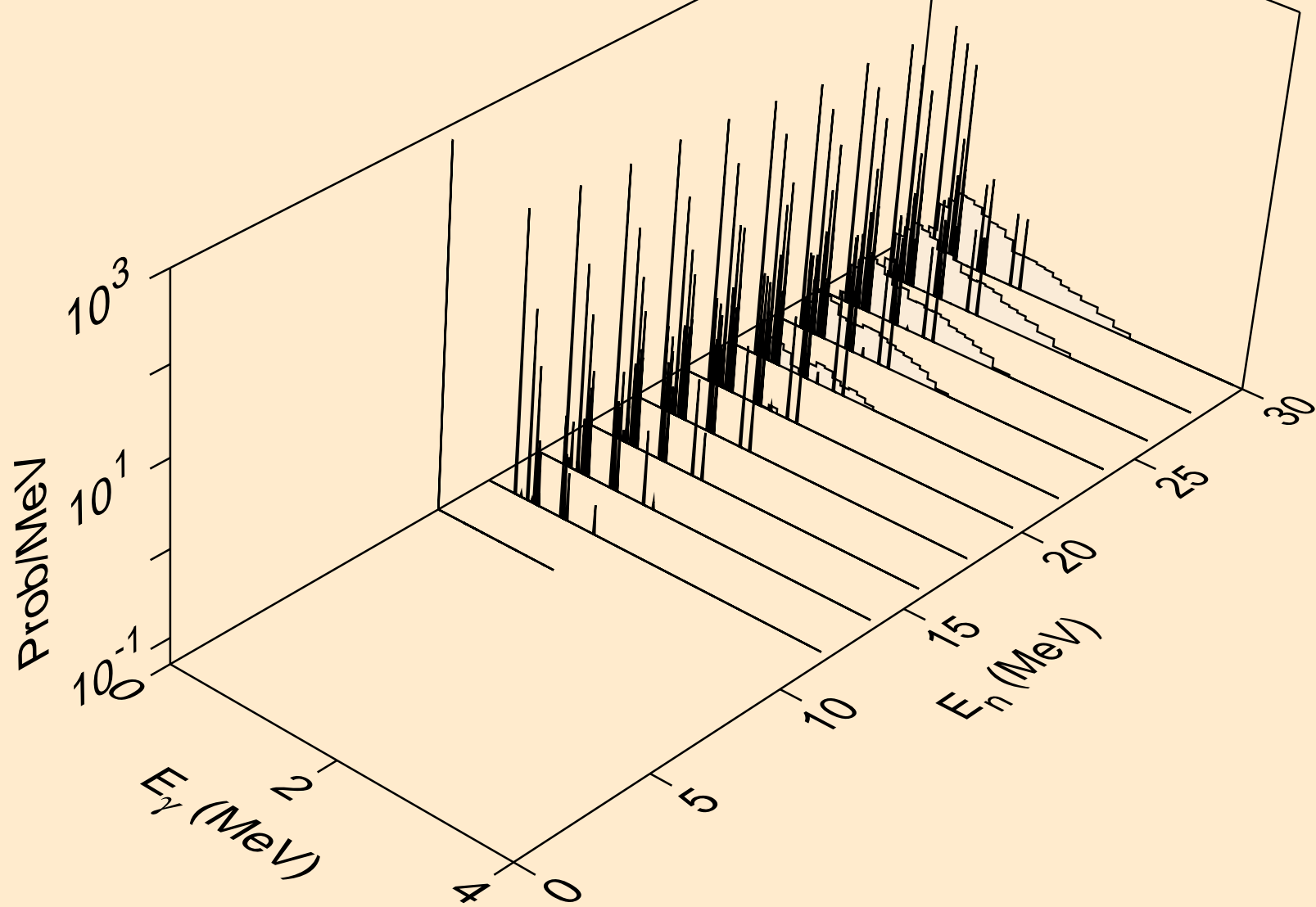
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

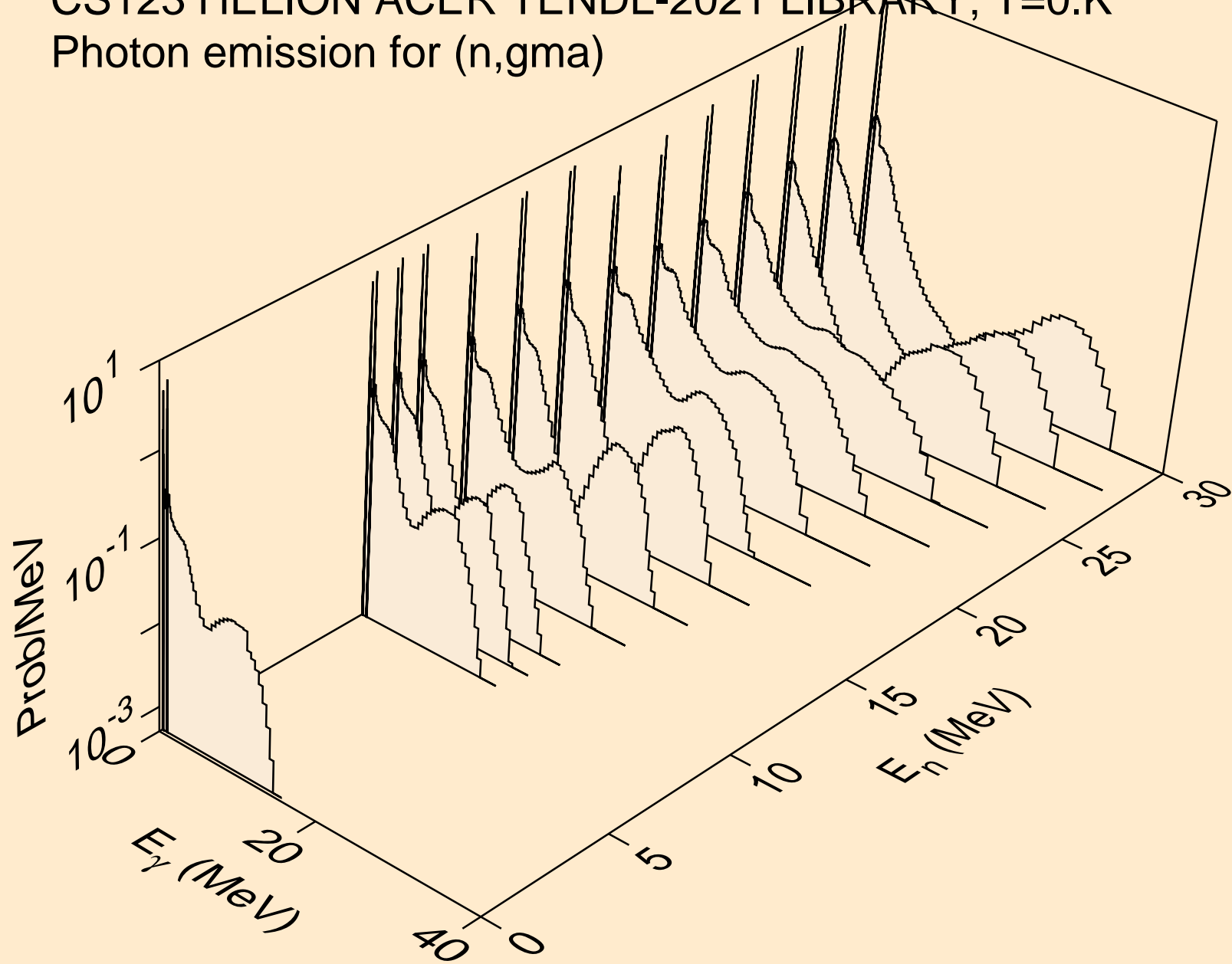


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

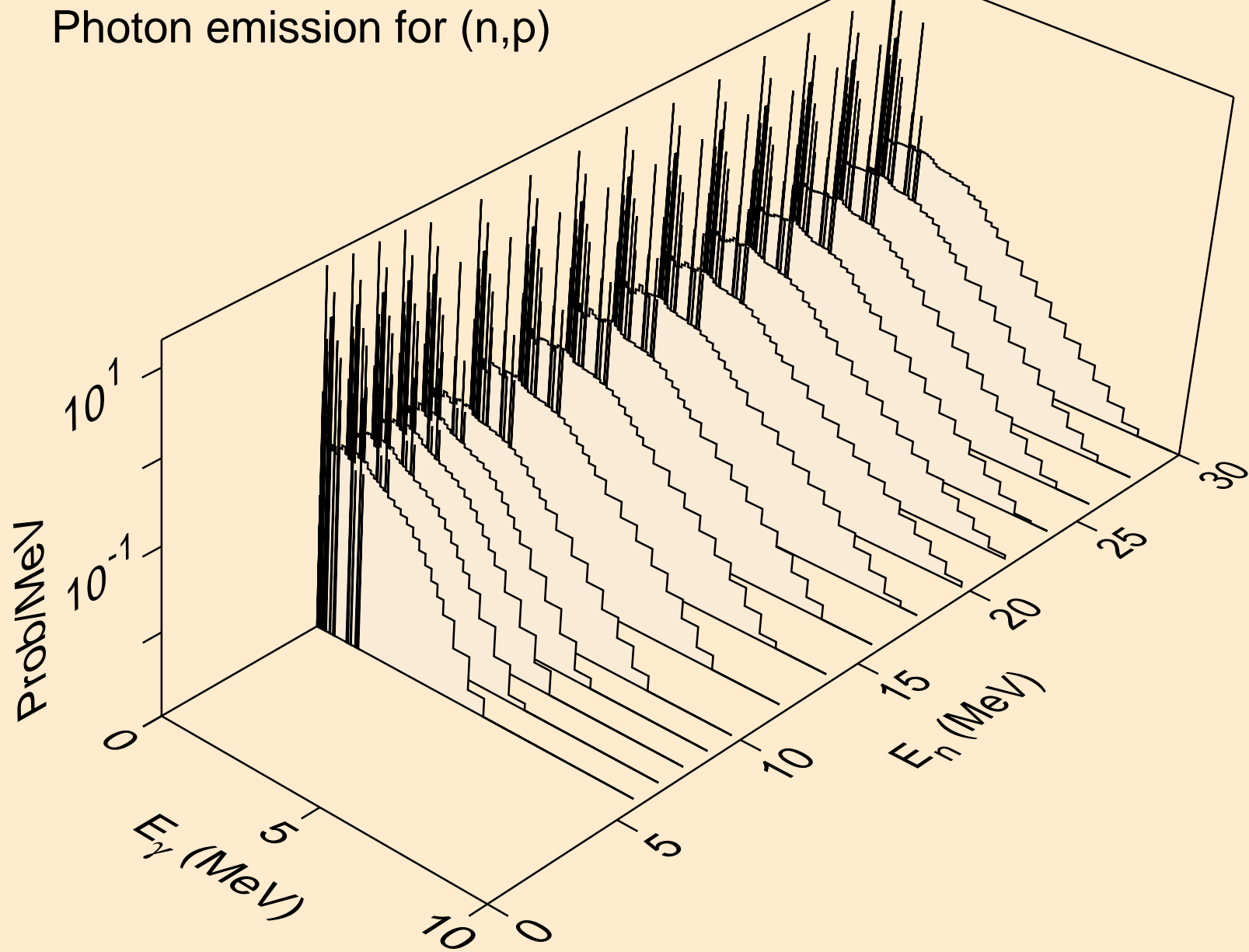




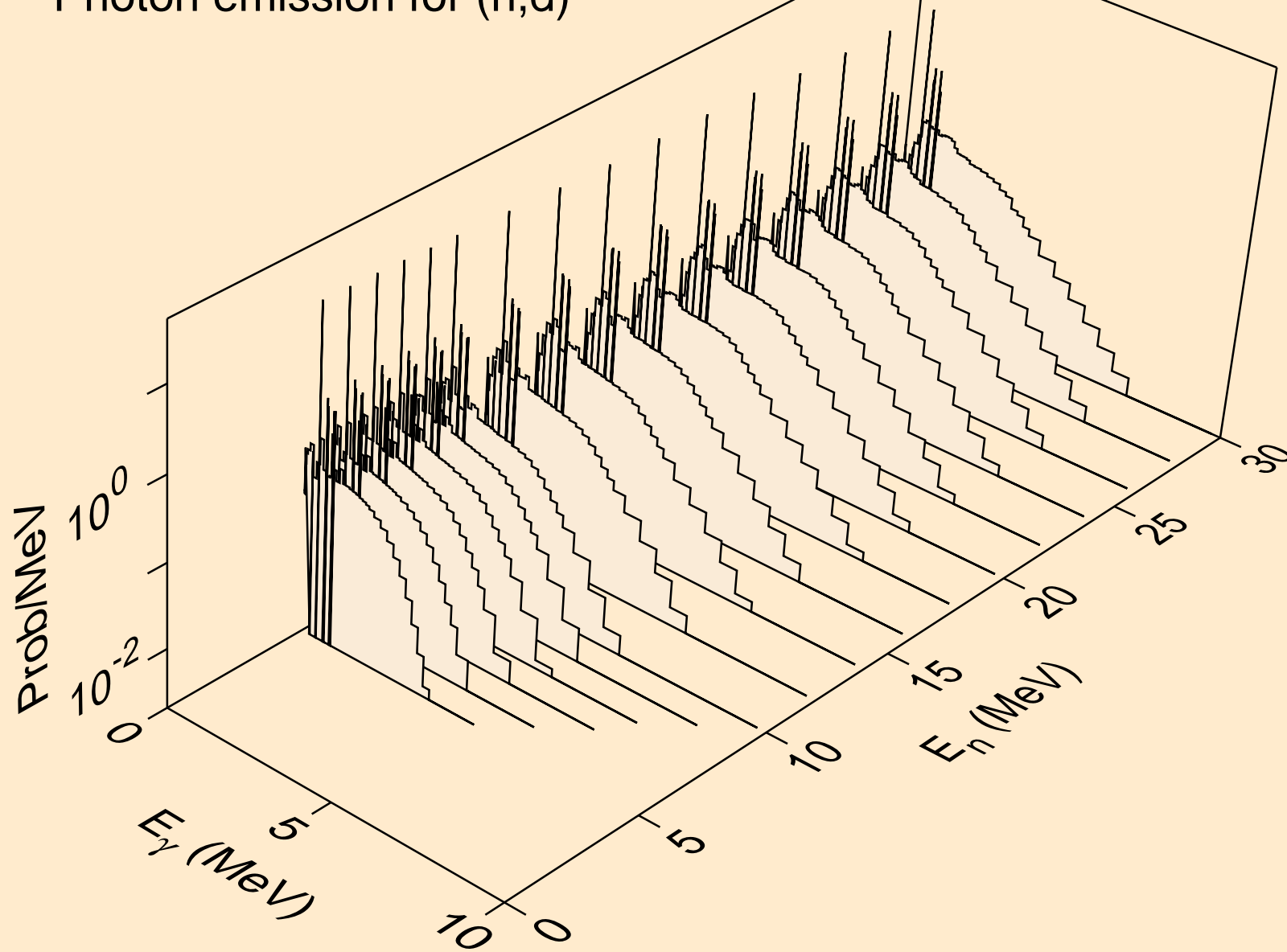
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



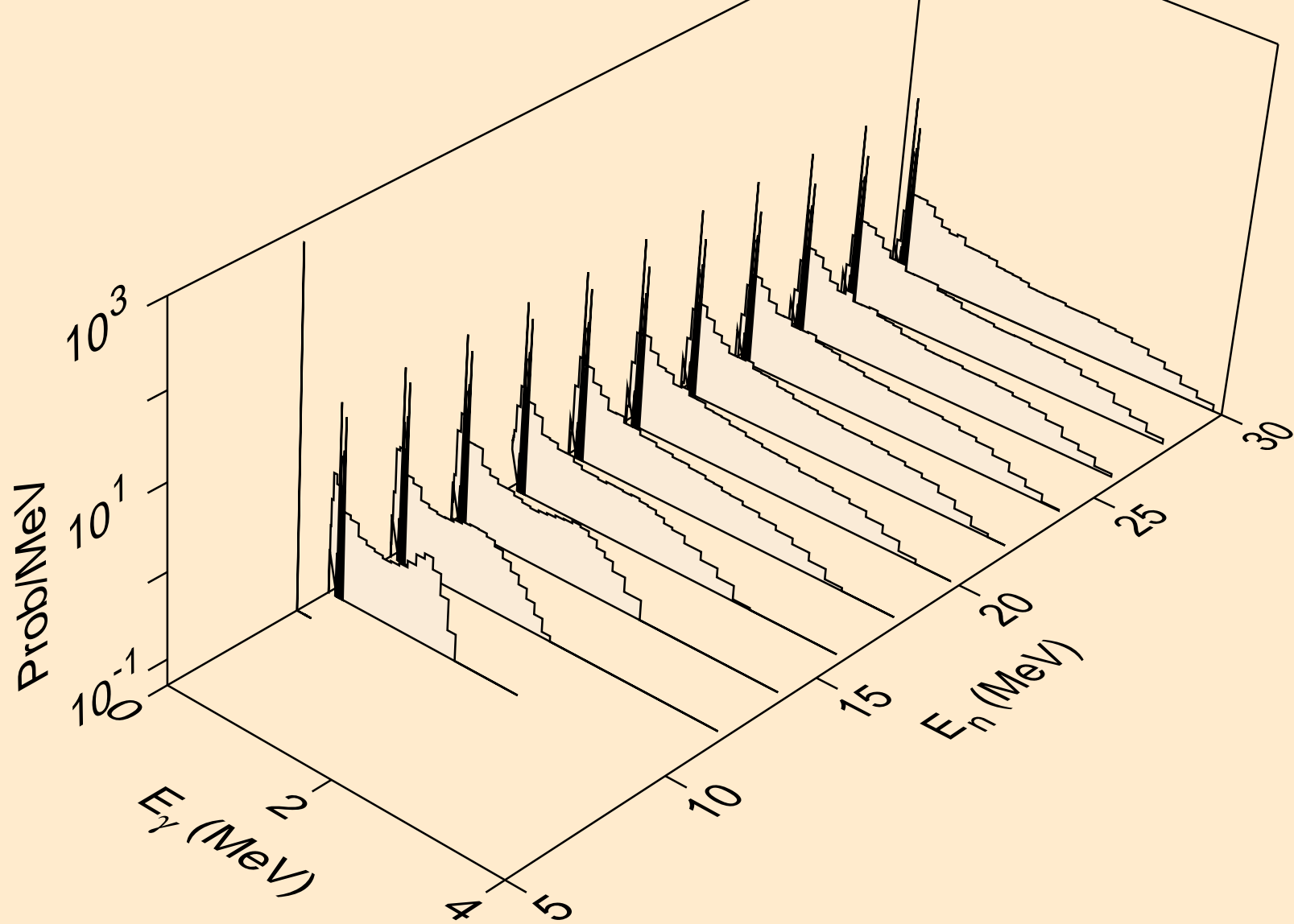
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Photon emission for (n,p)



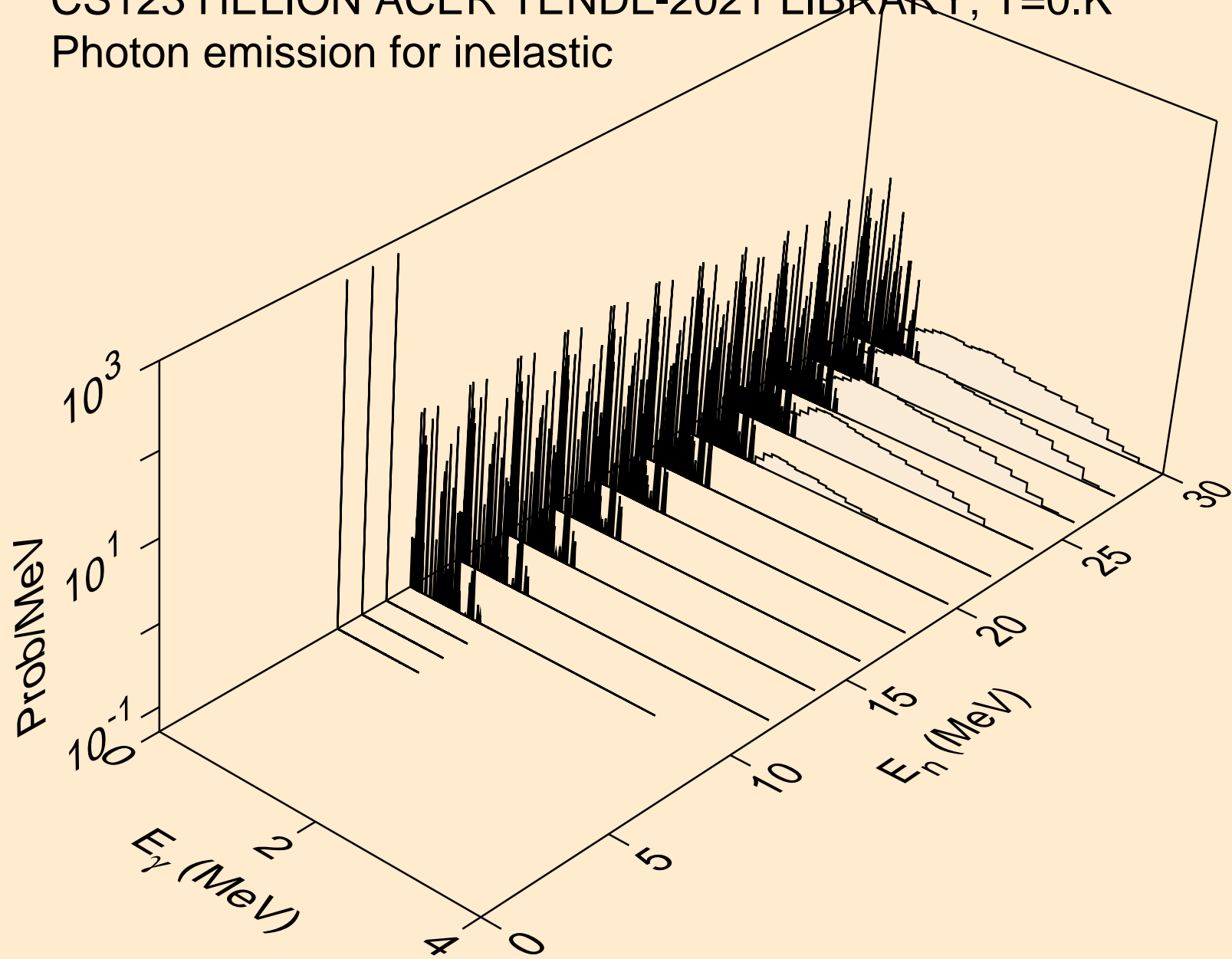
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Photon emission for (n,d)



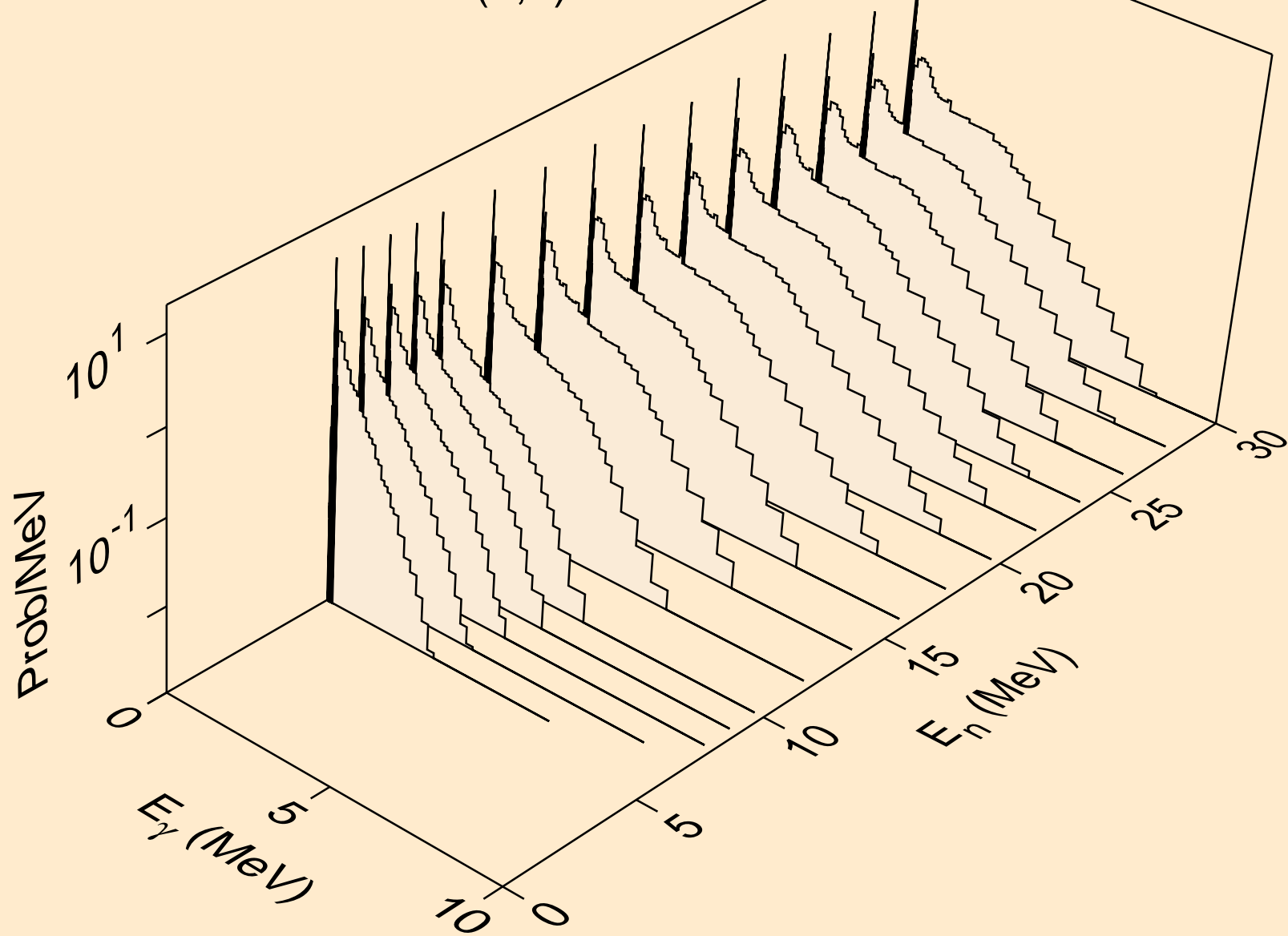
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



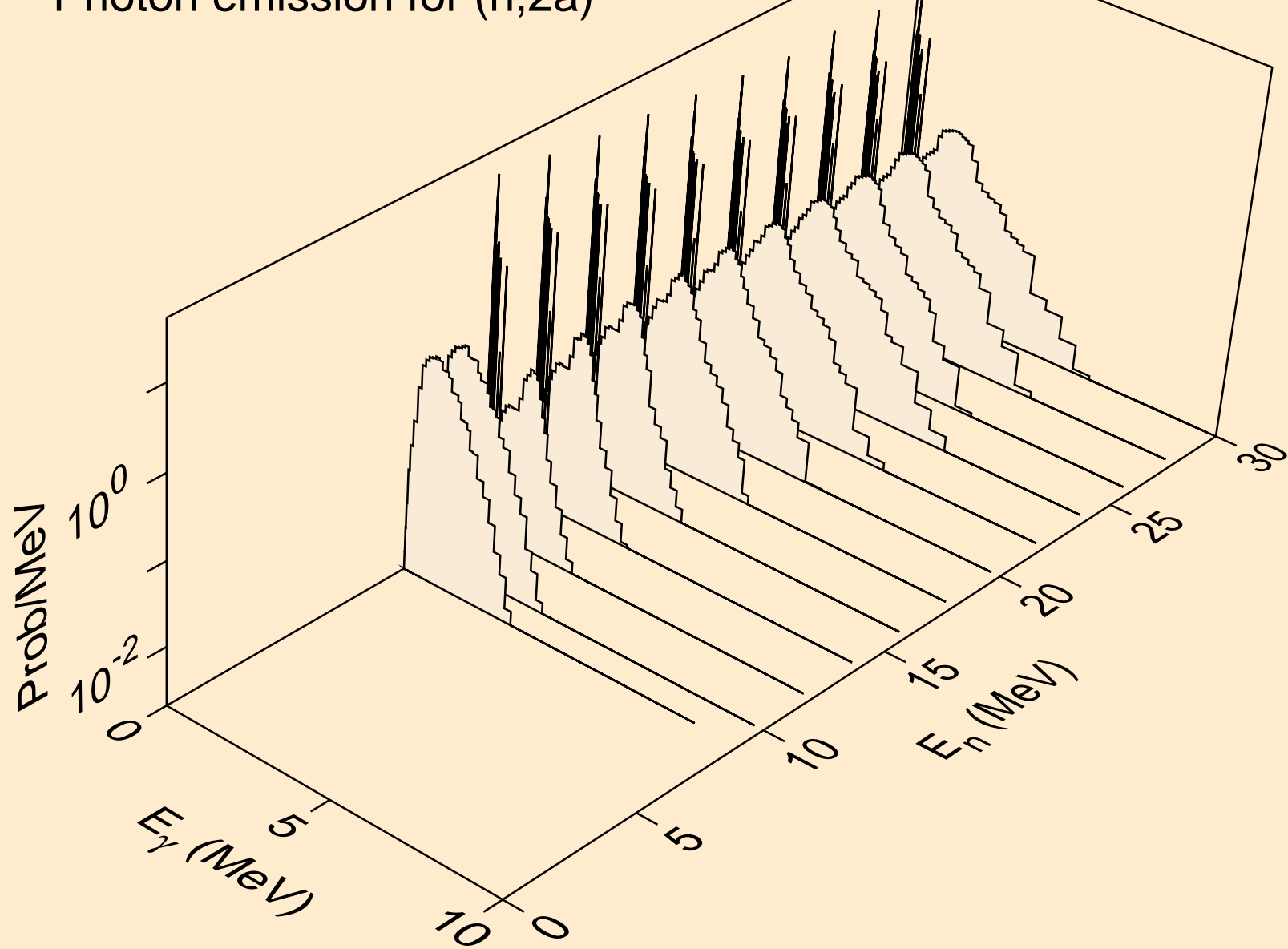
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



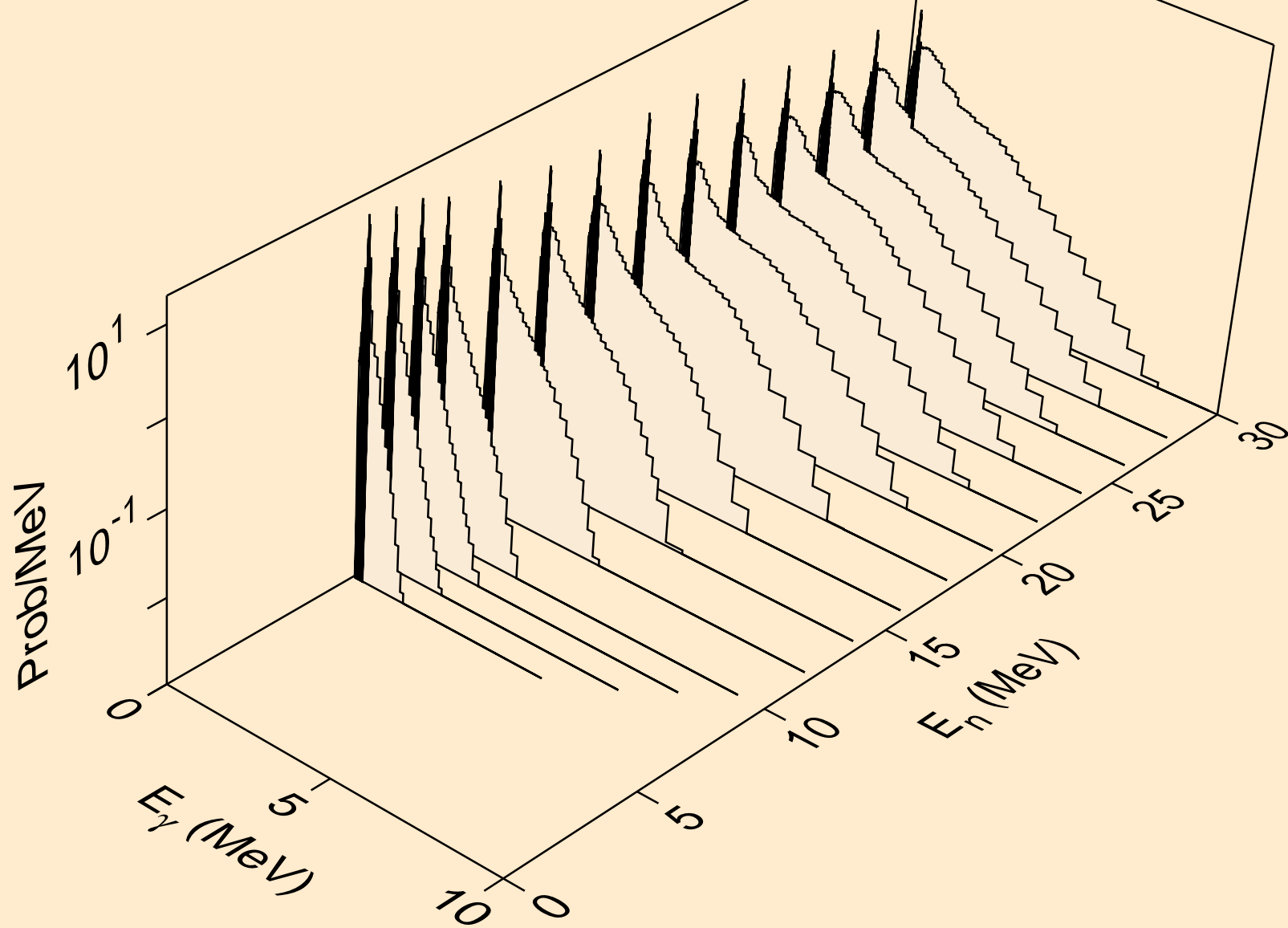
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

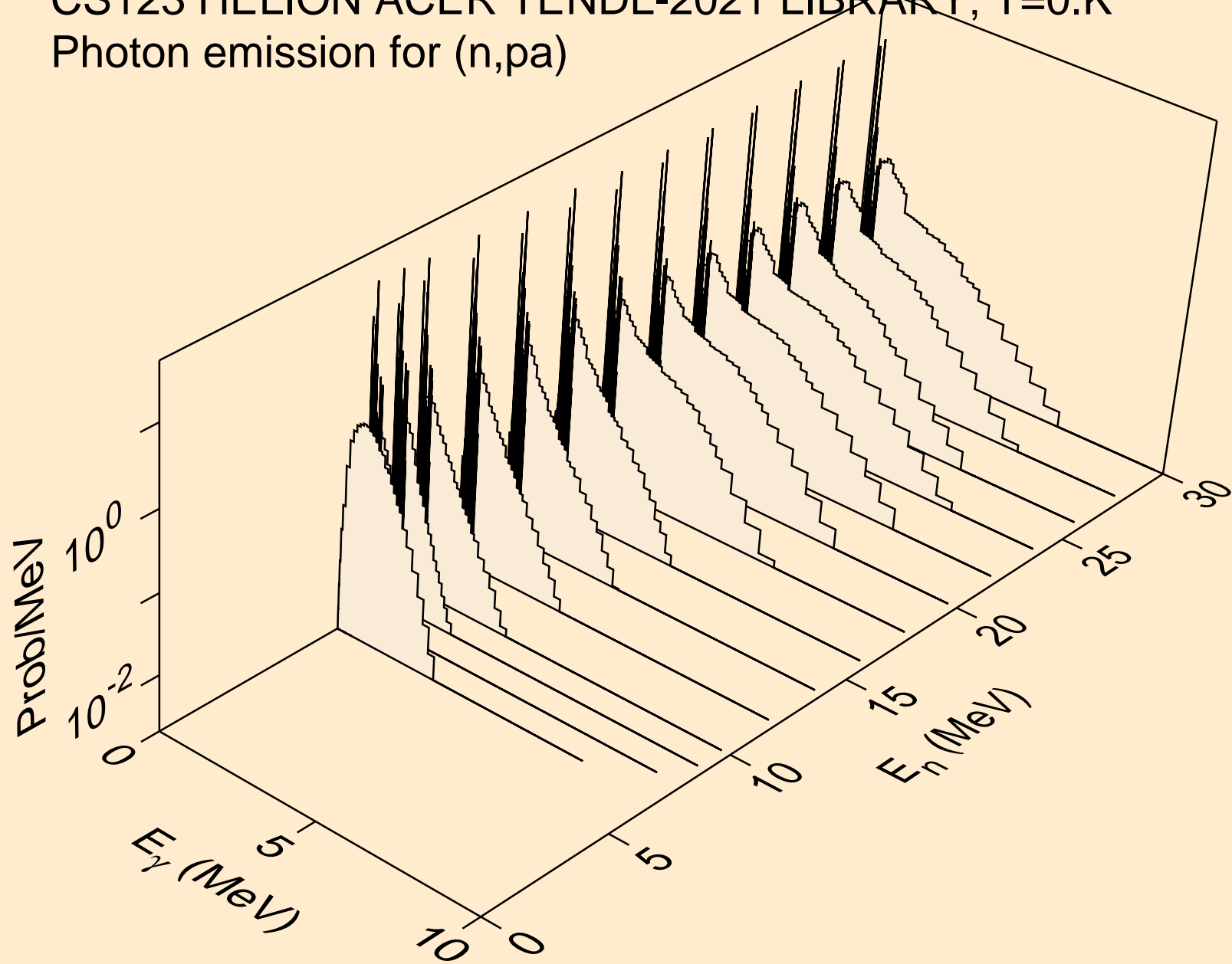


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

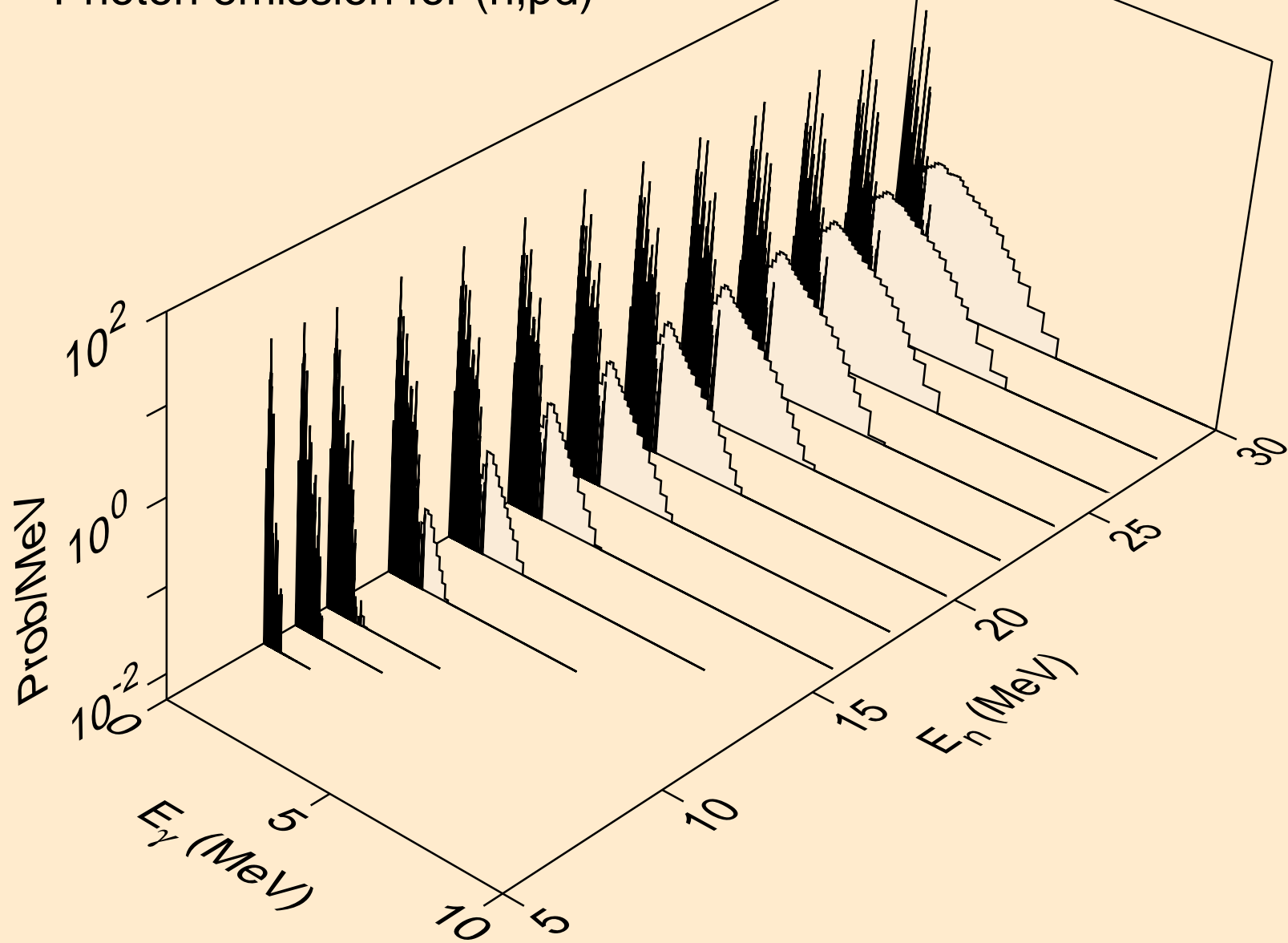




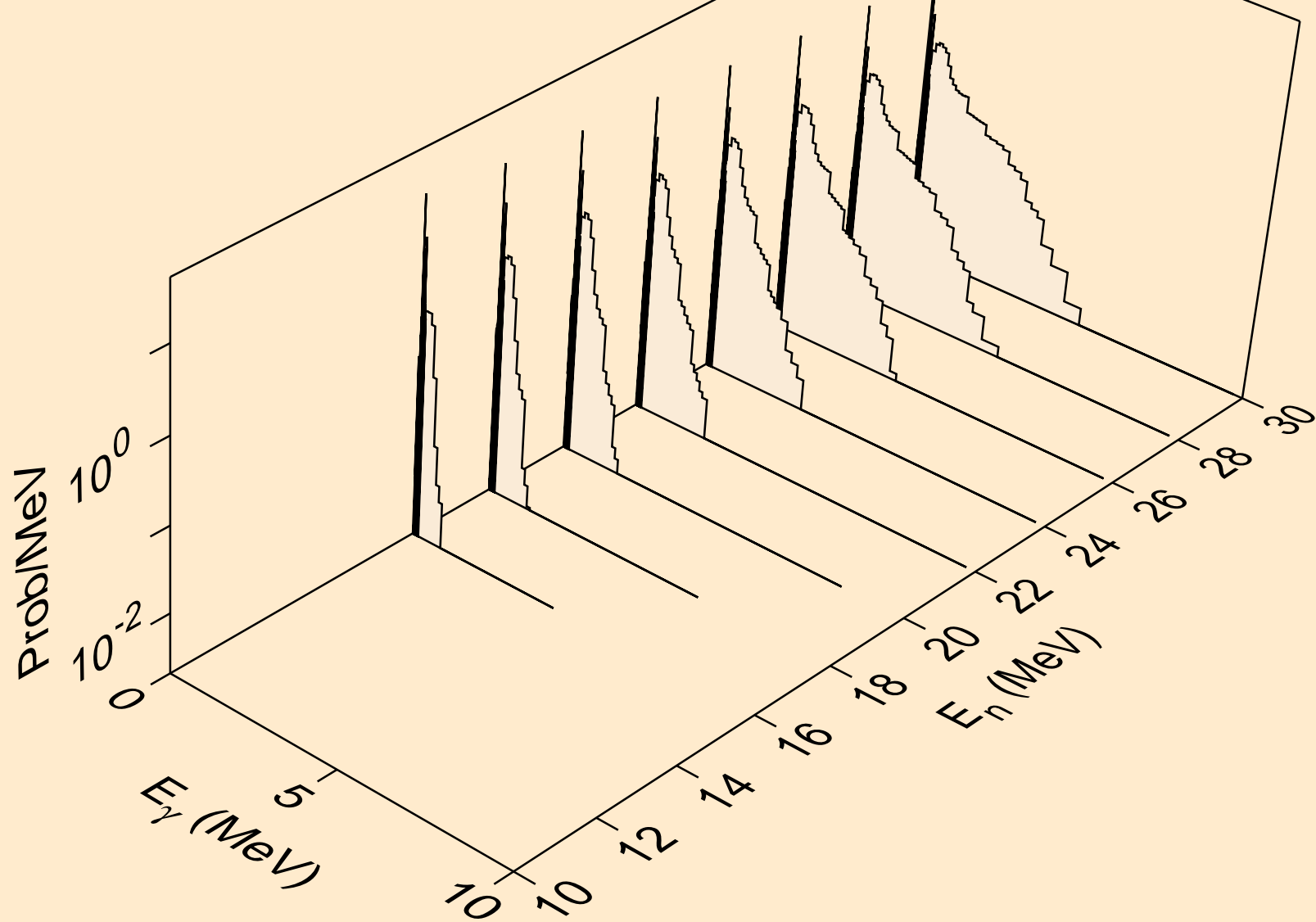
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



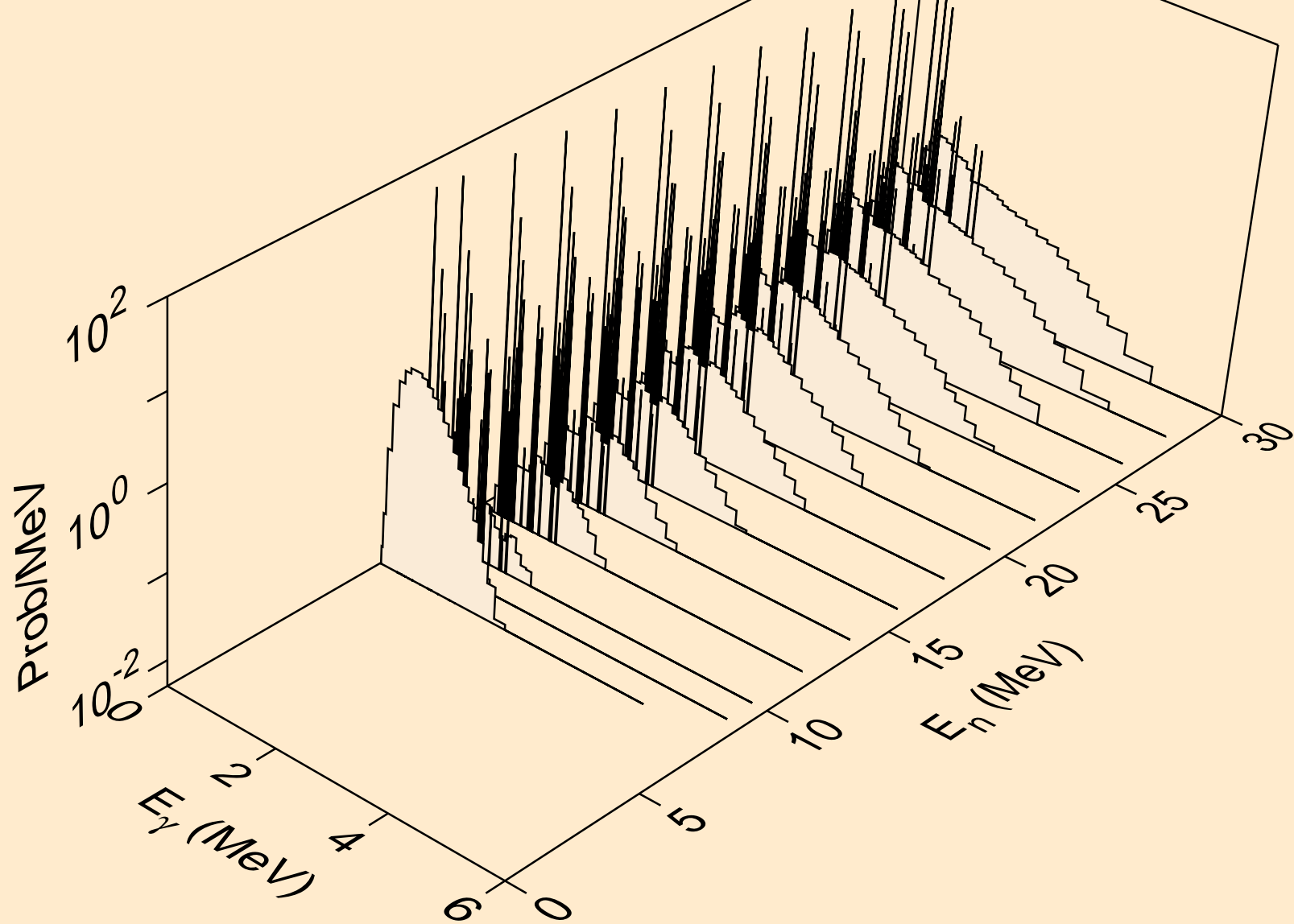
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

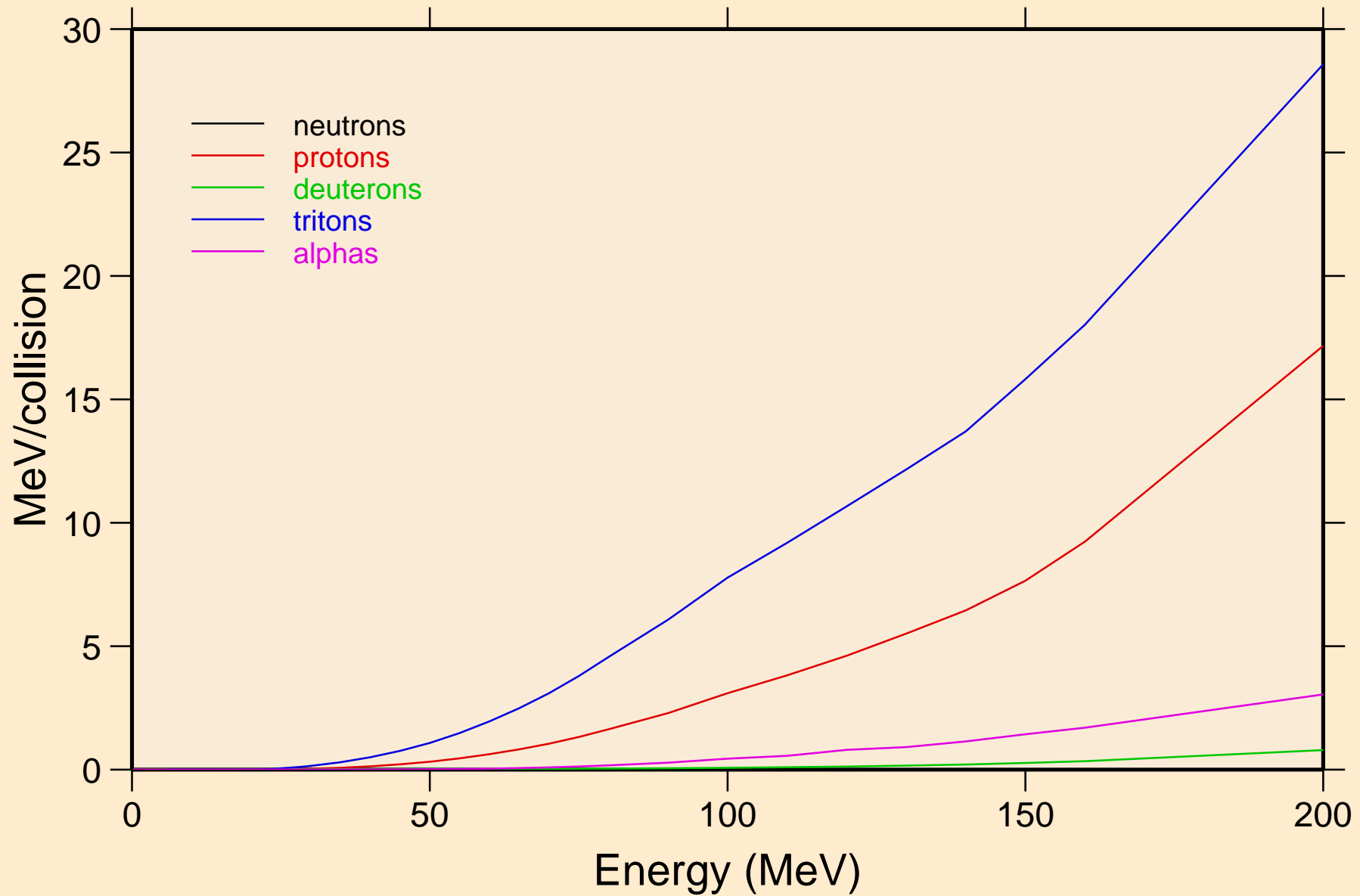


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

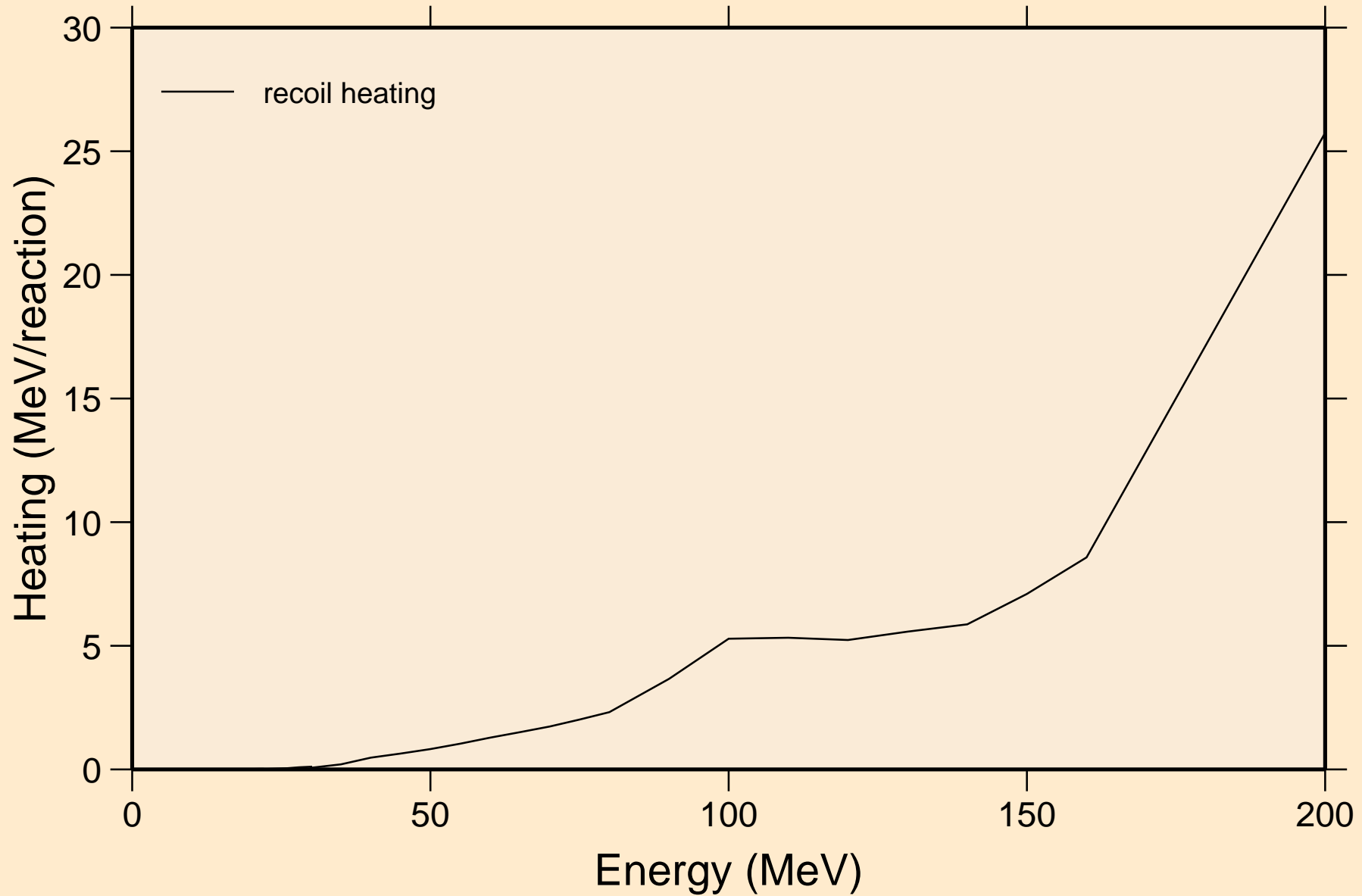


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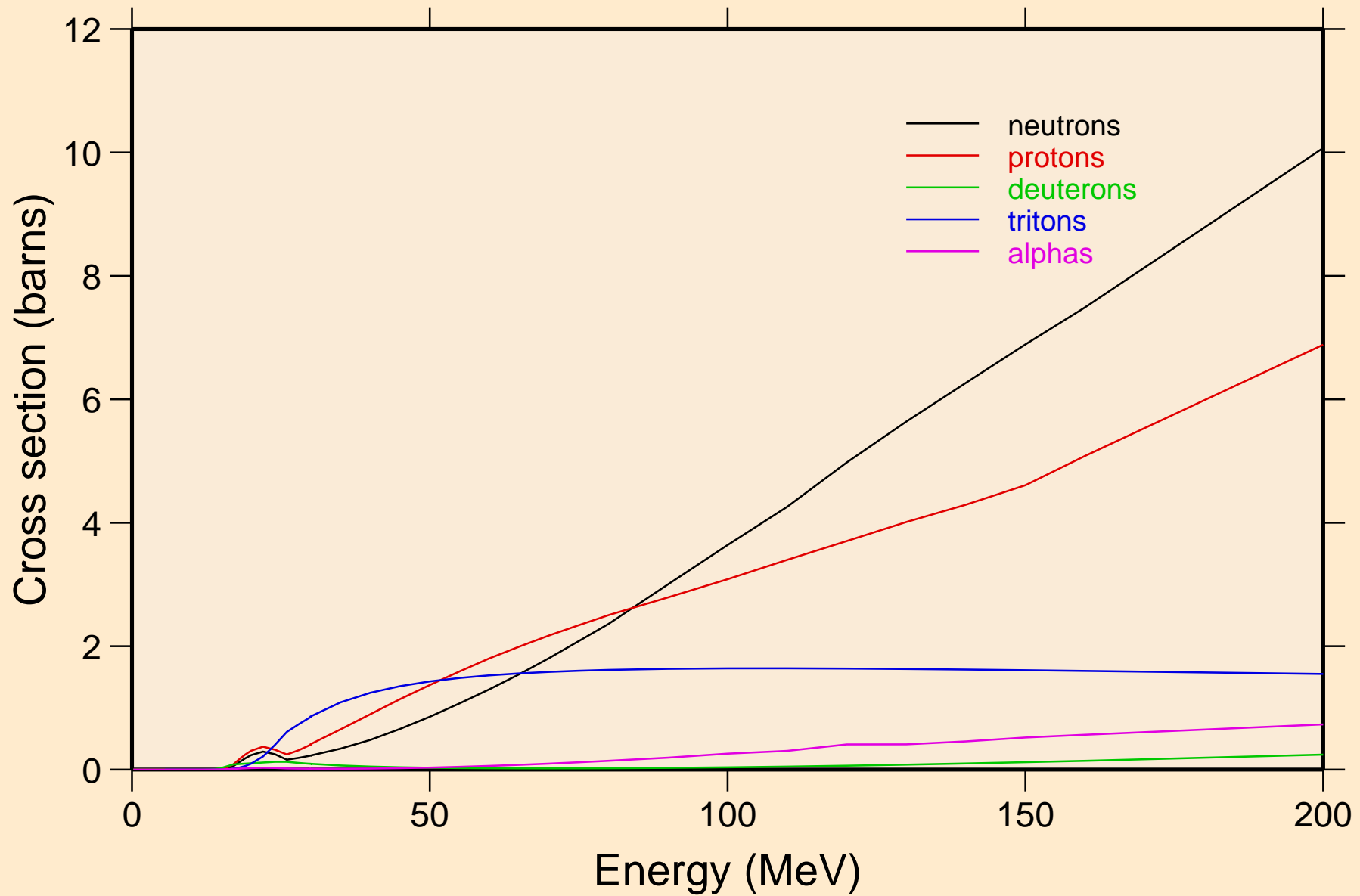
## Particle heating contributions



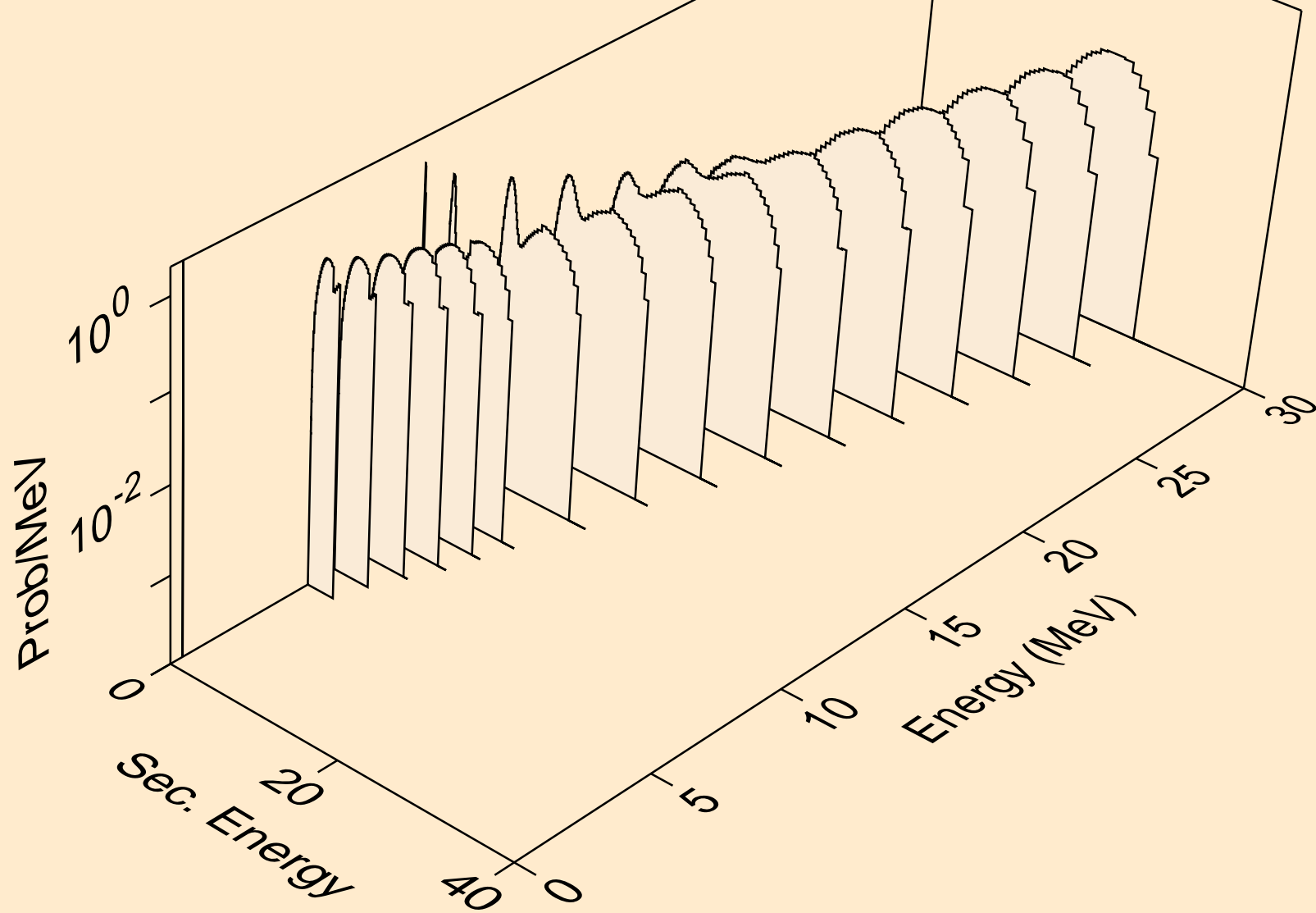
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

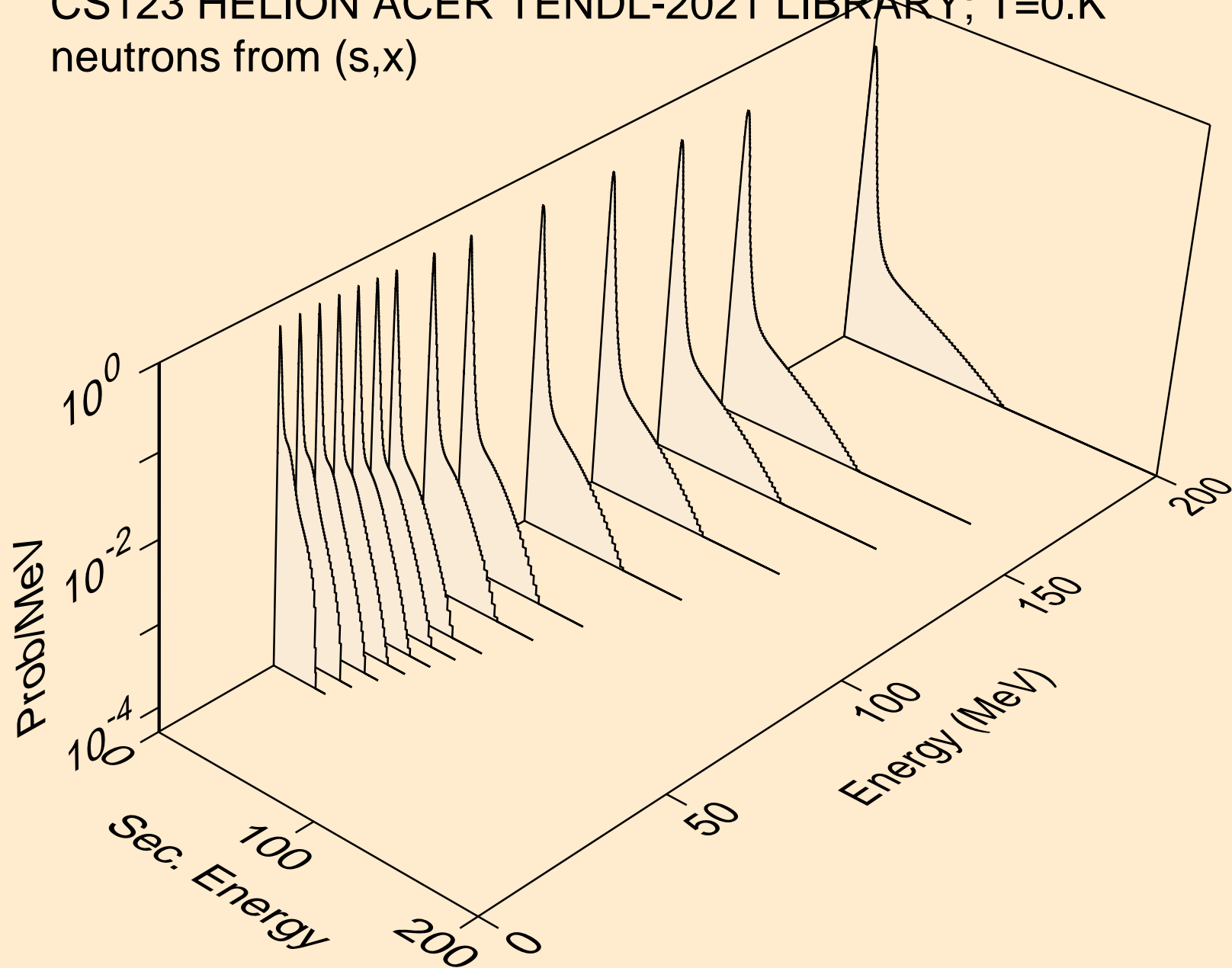


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

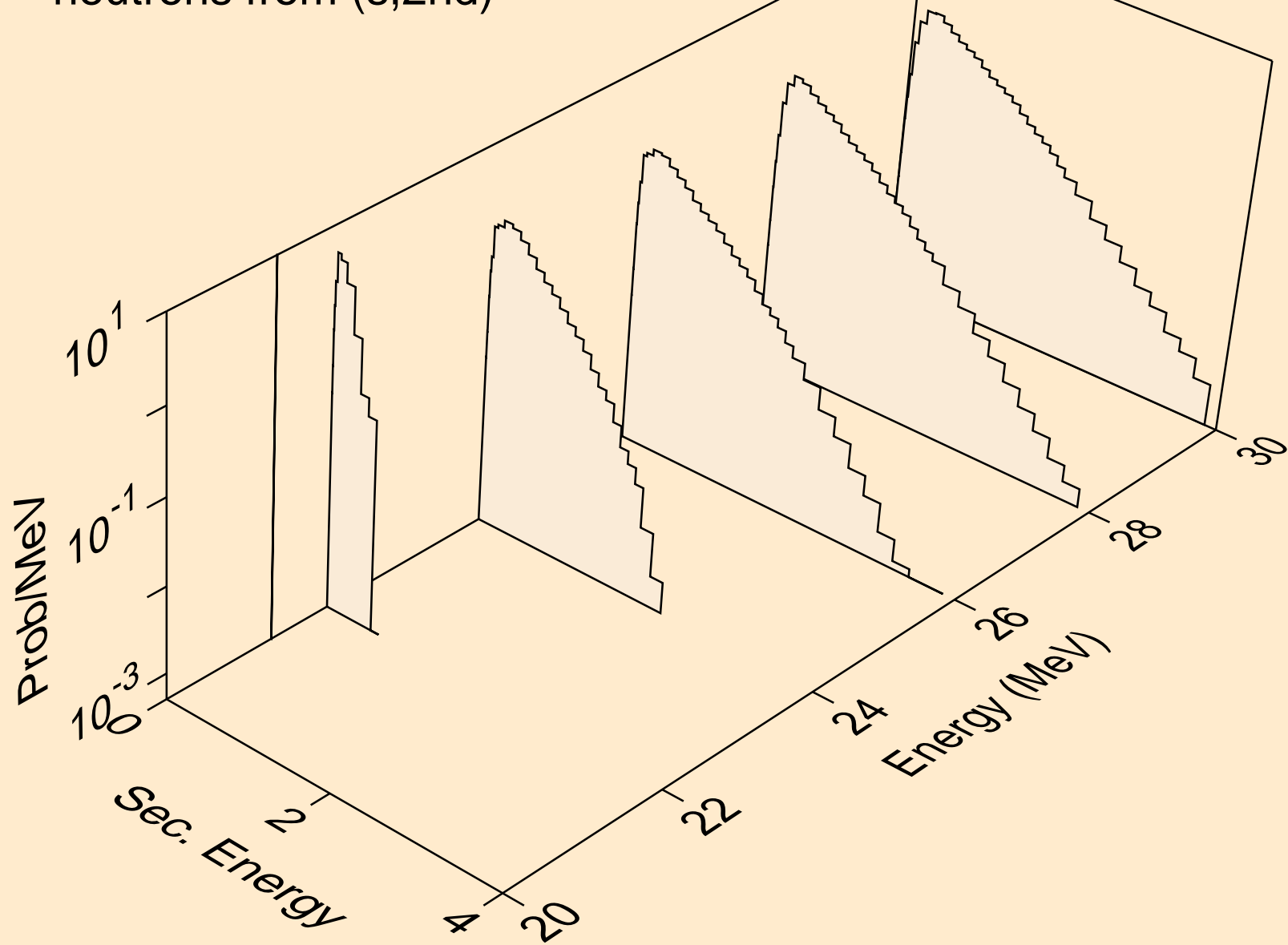




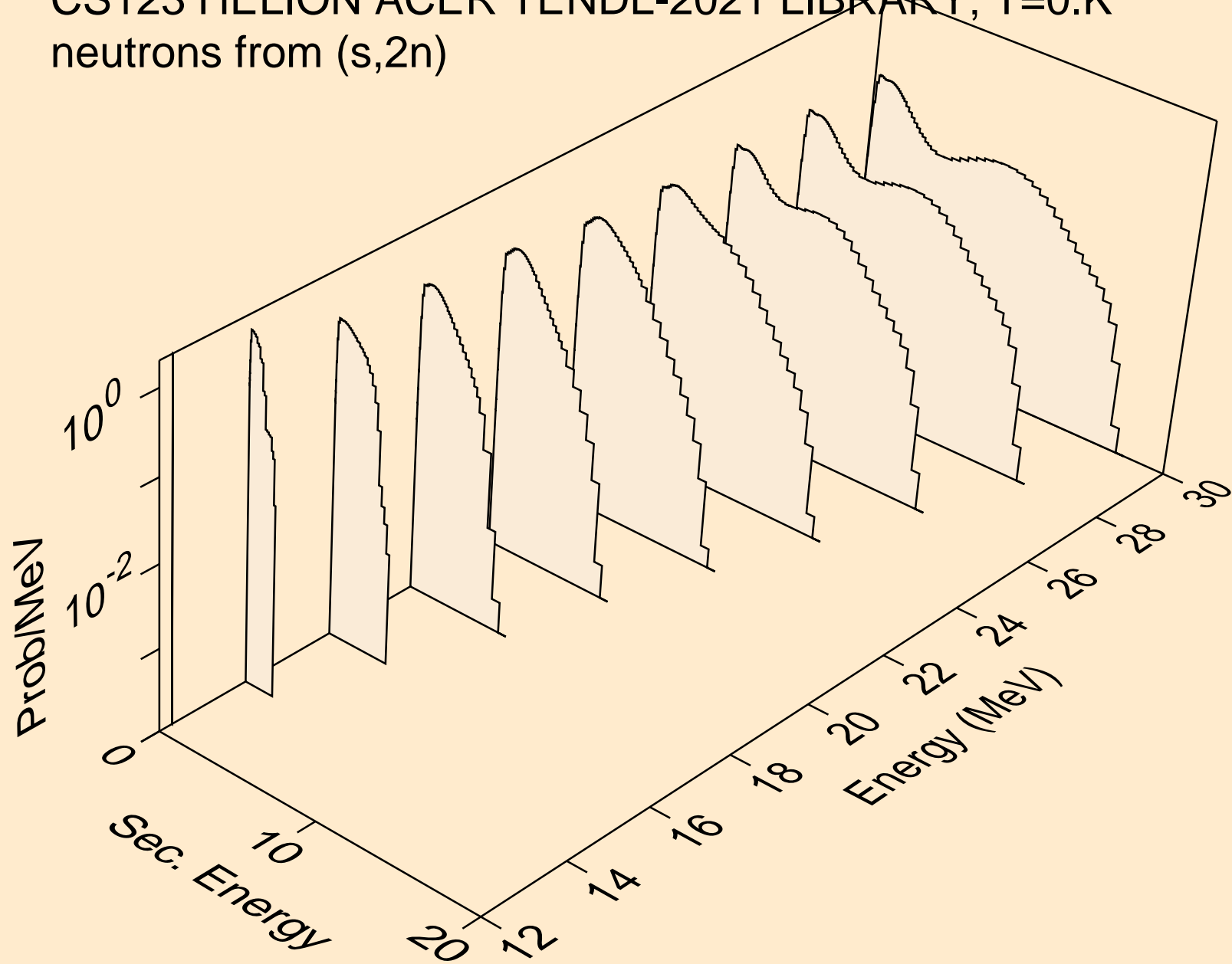
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



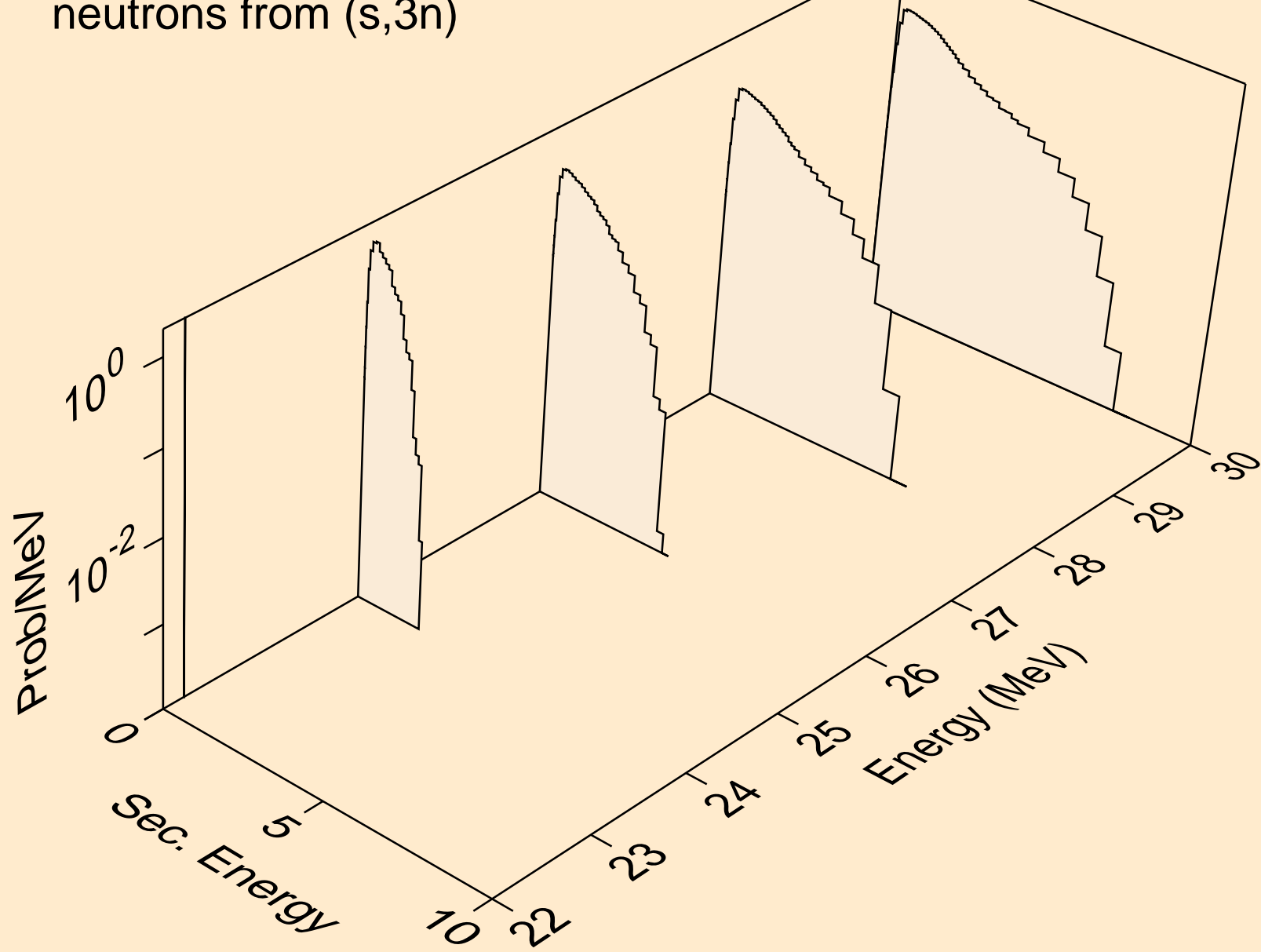
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neutrons from (s,2nd)



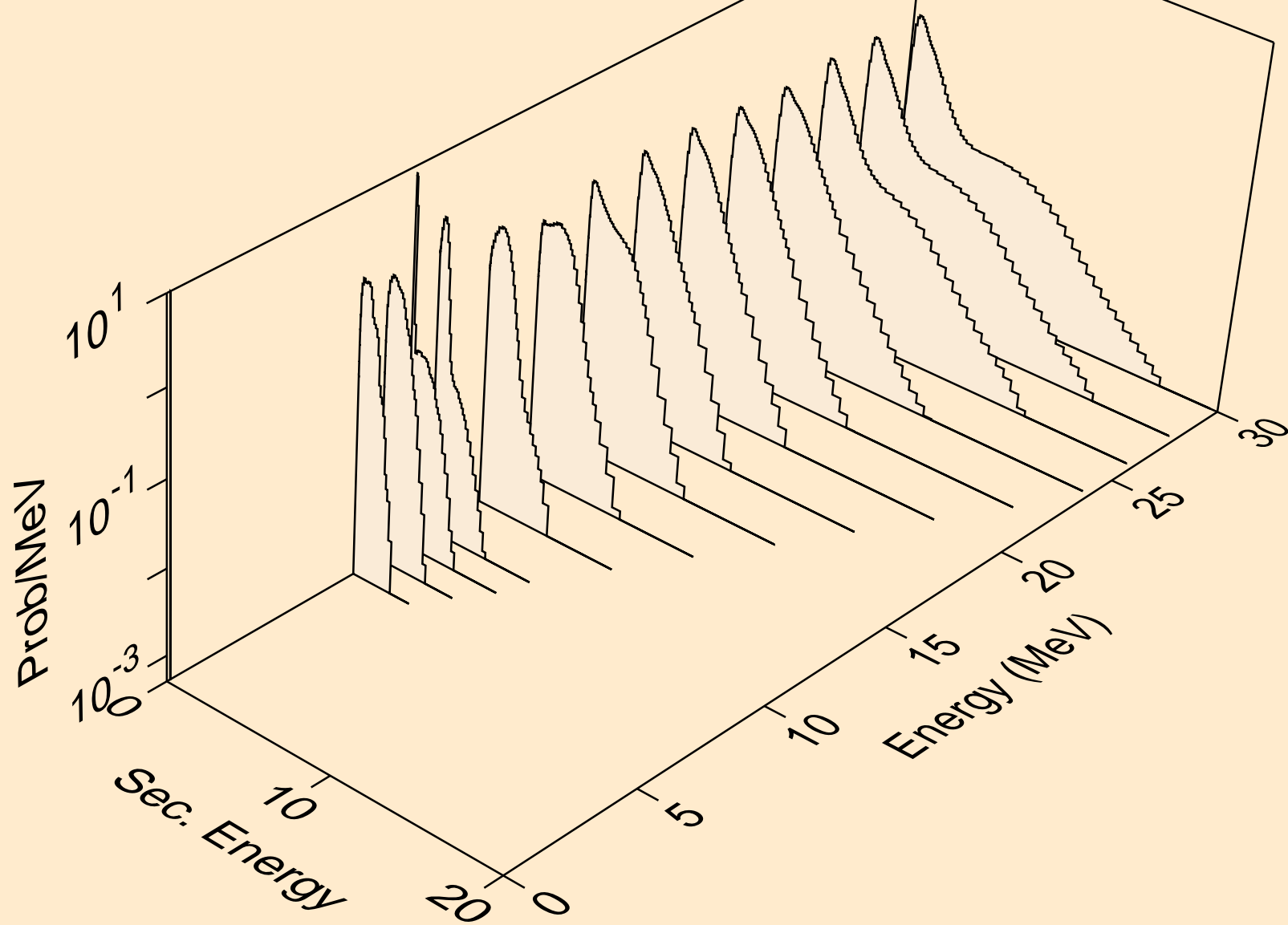
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



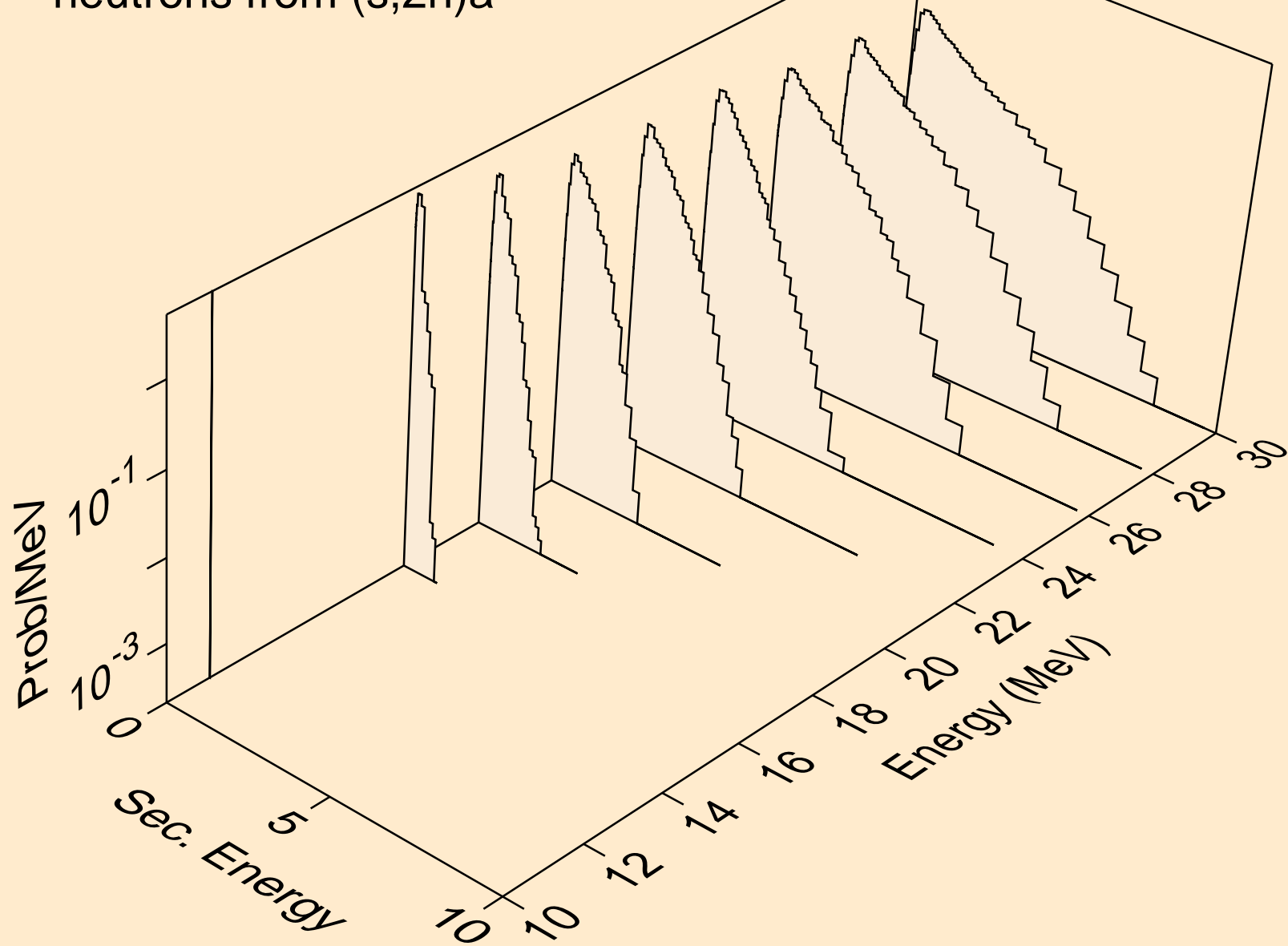
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



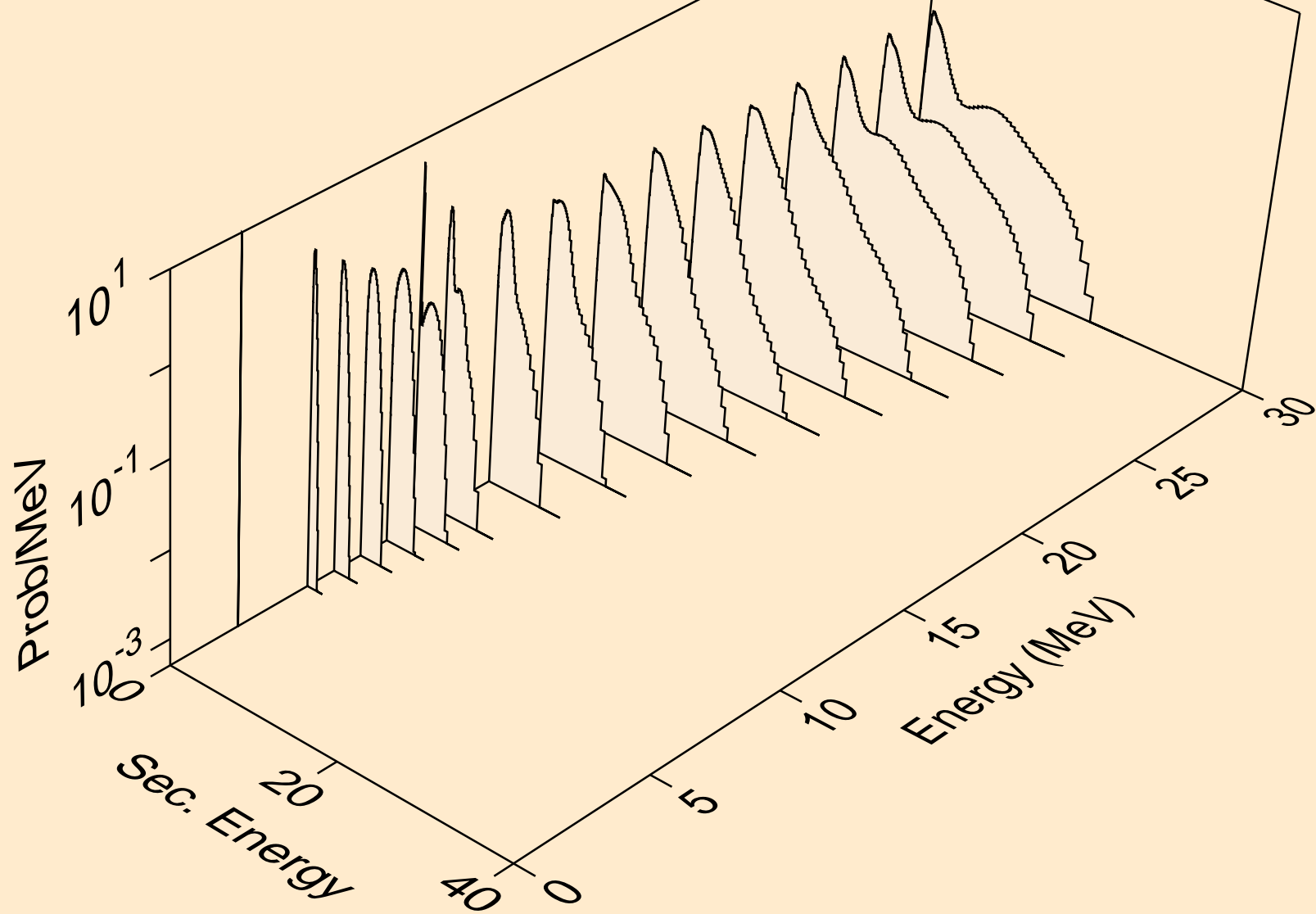
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



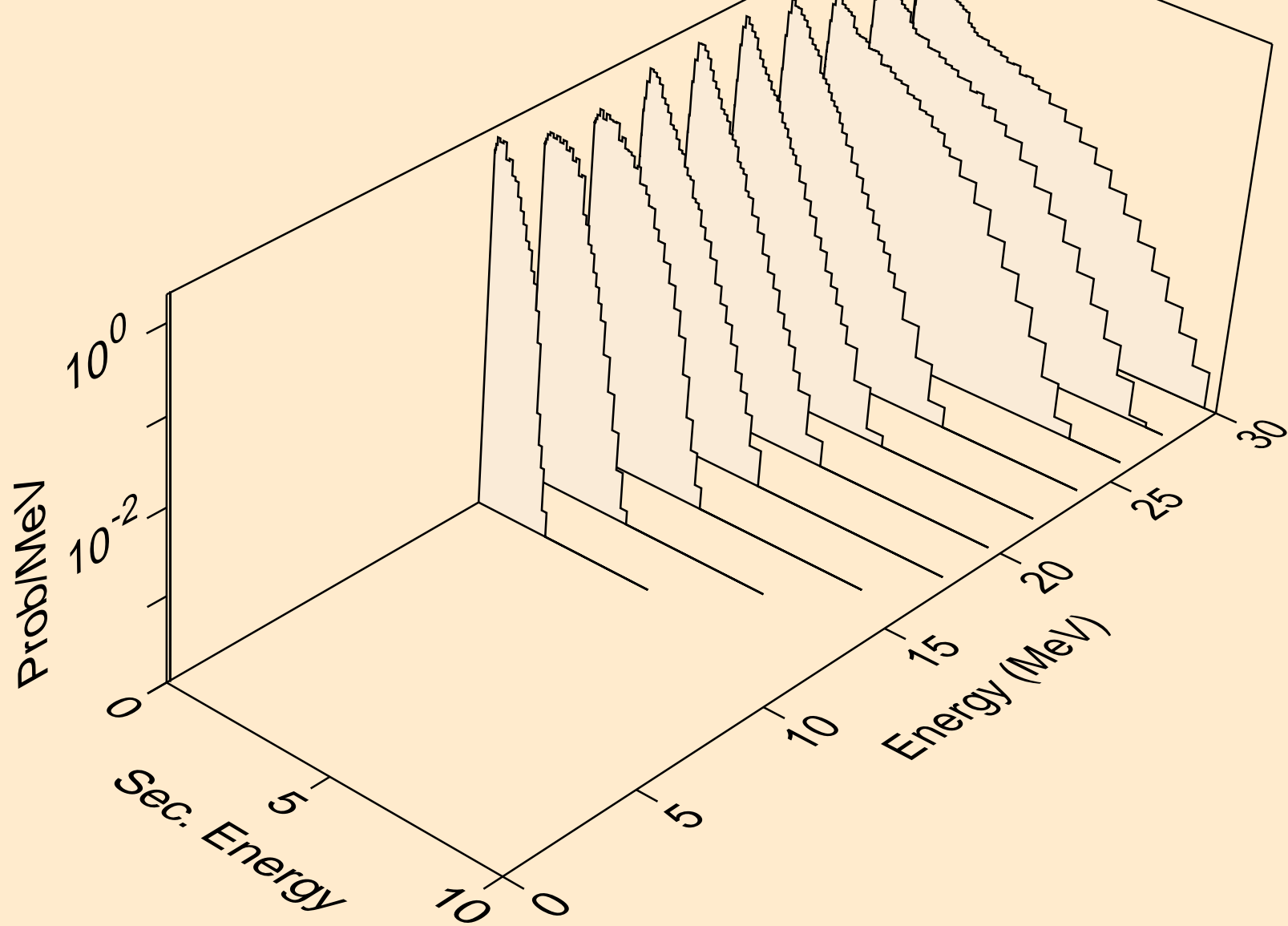
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

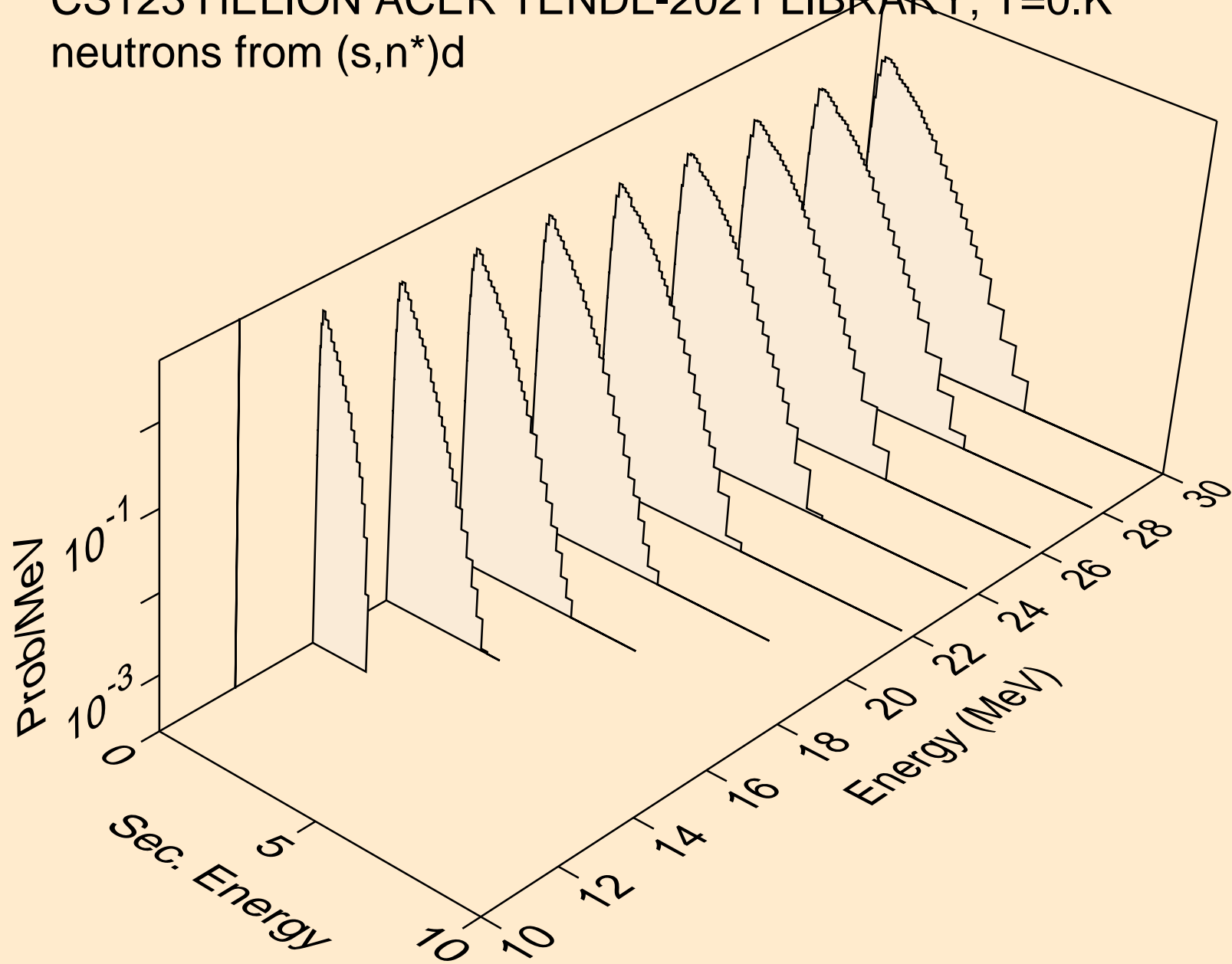


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

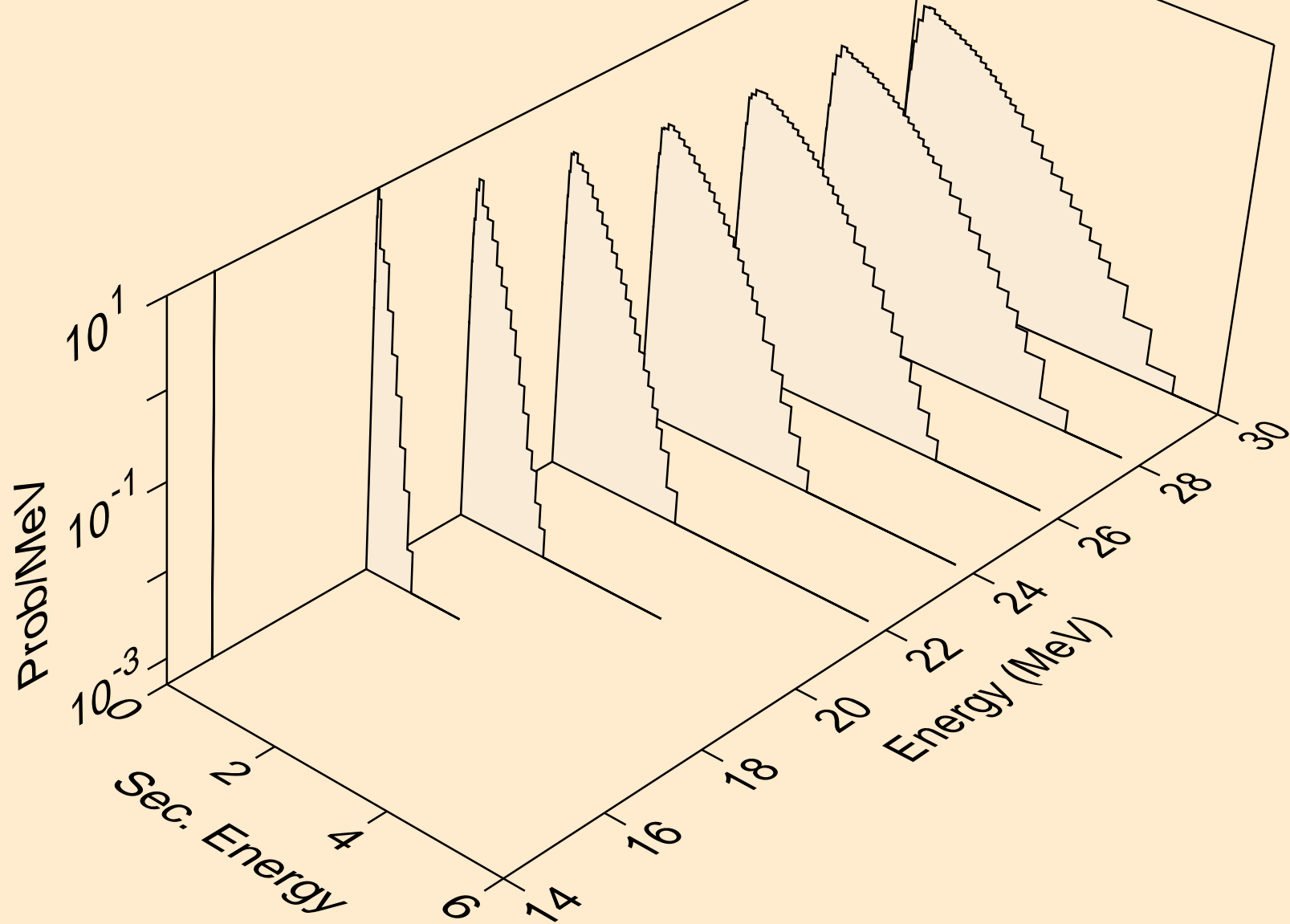




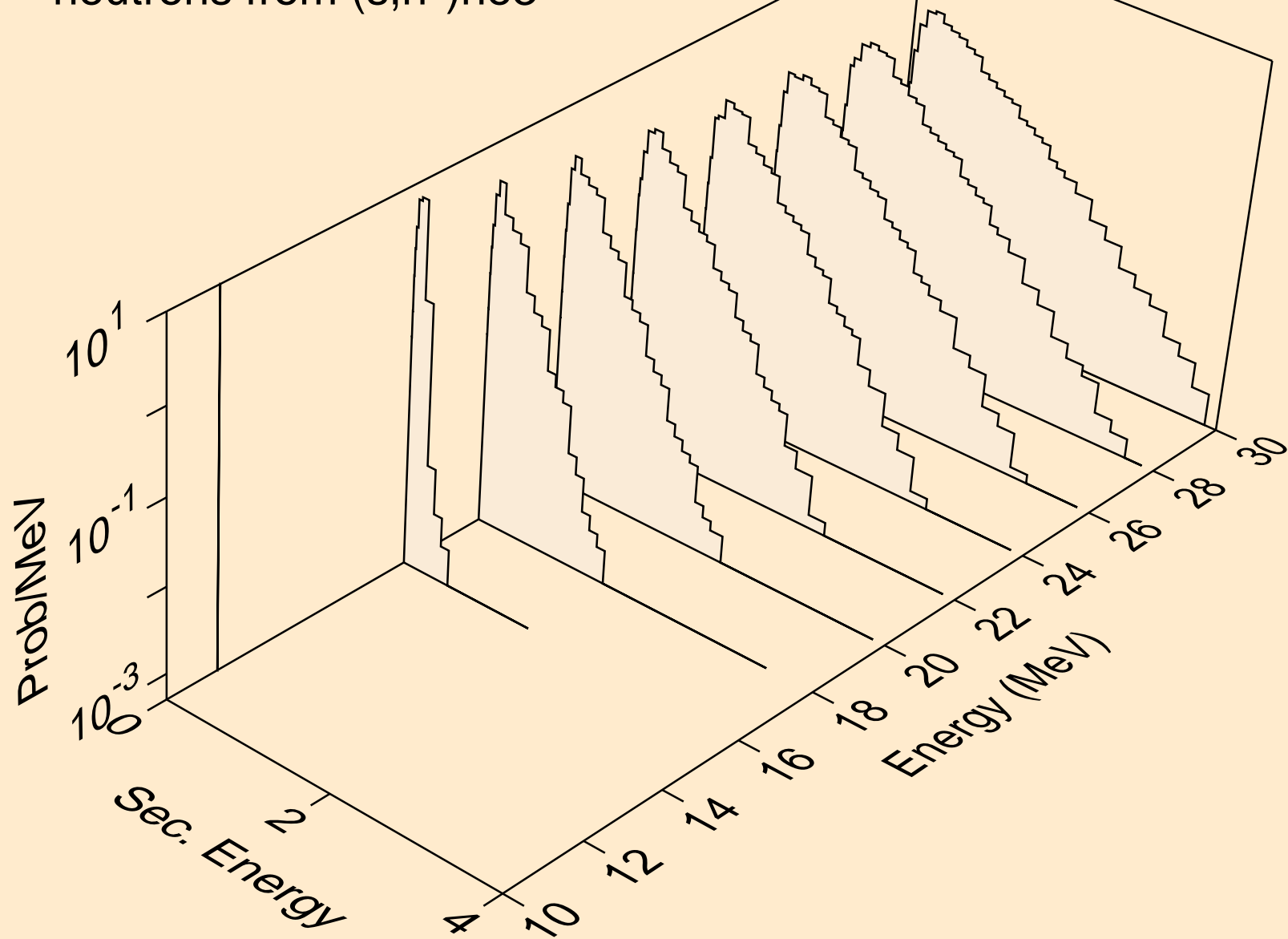
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



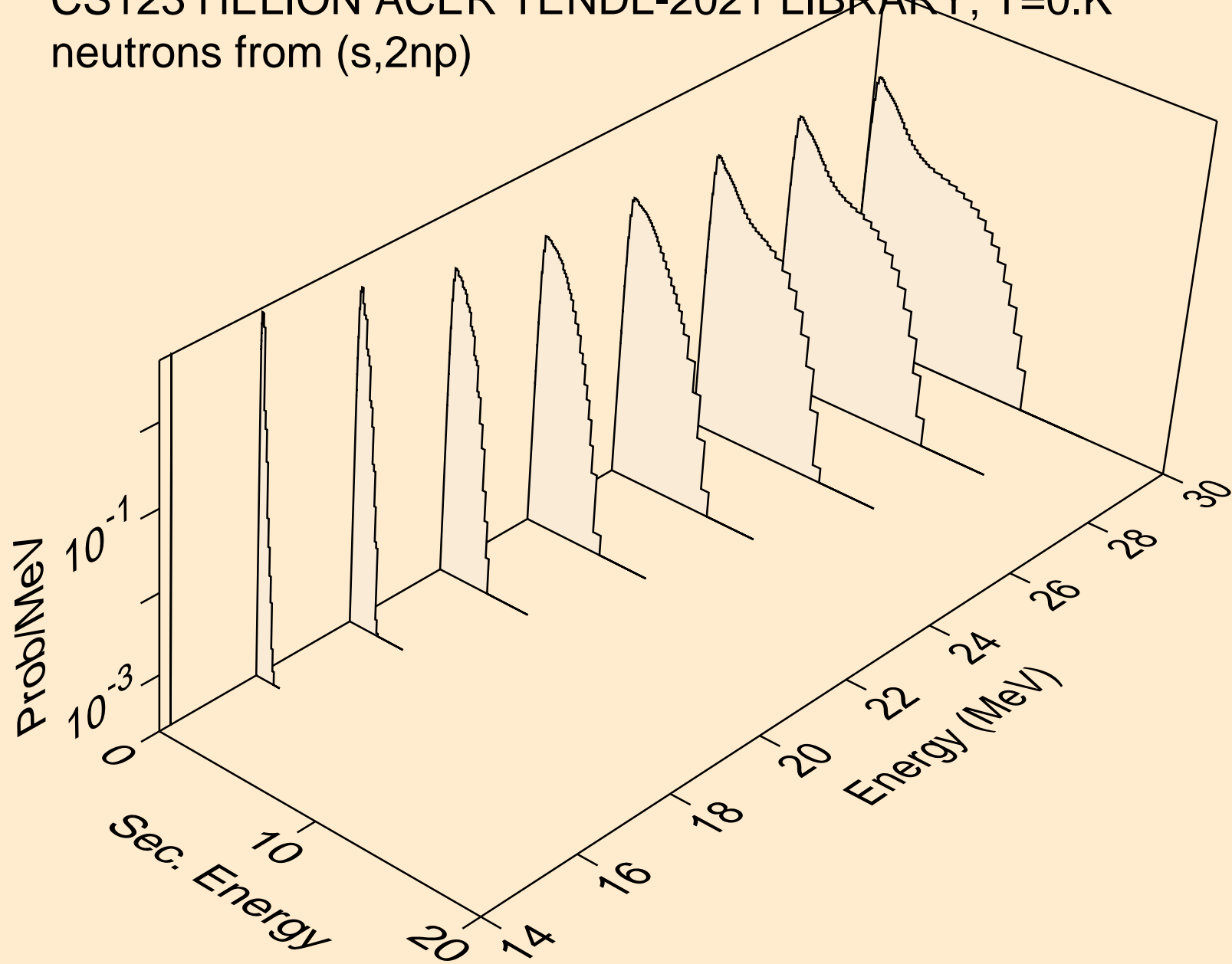
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



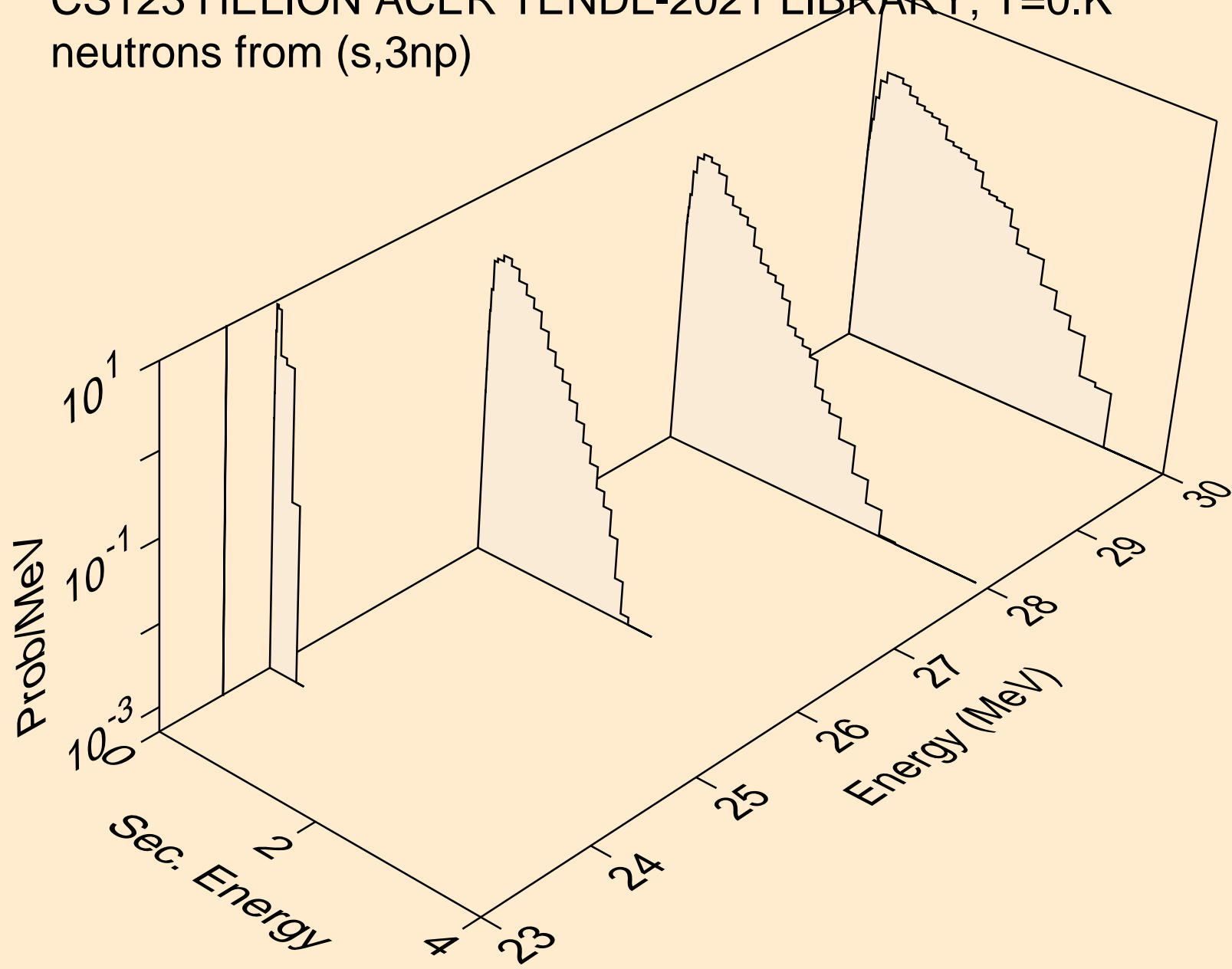
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



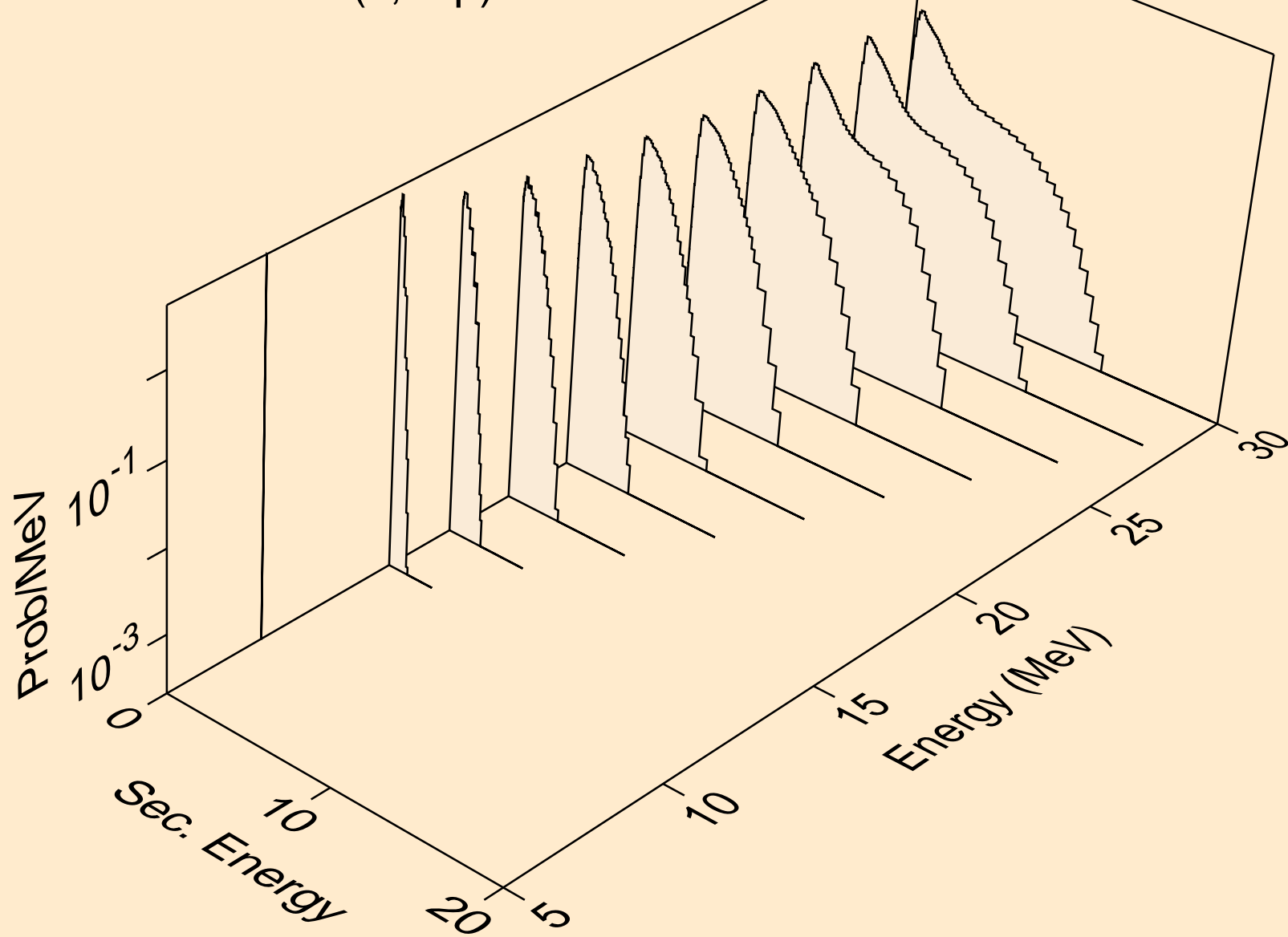
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



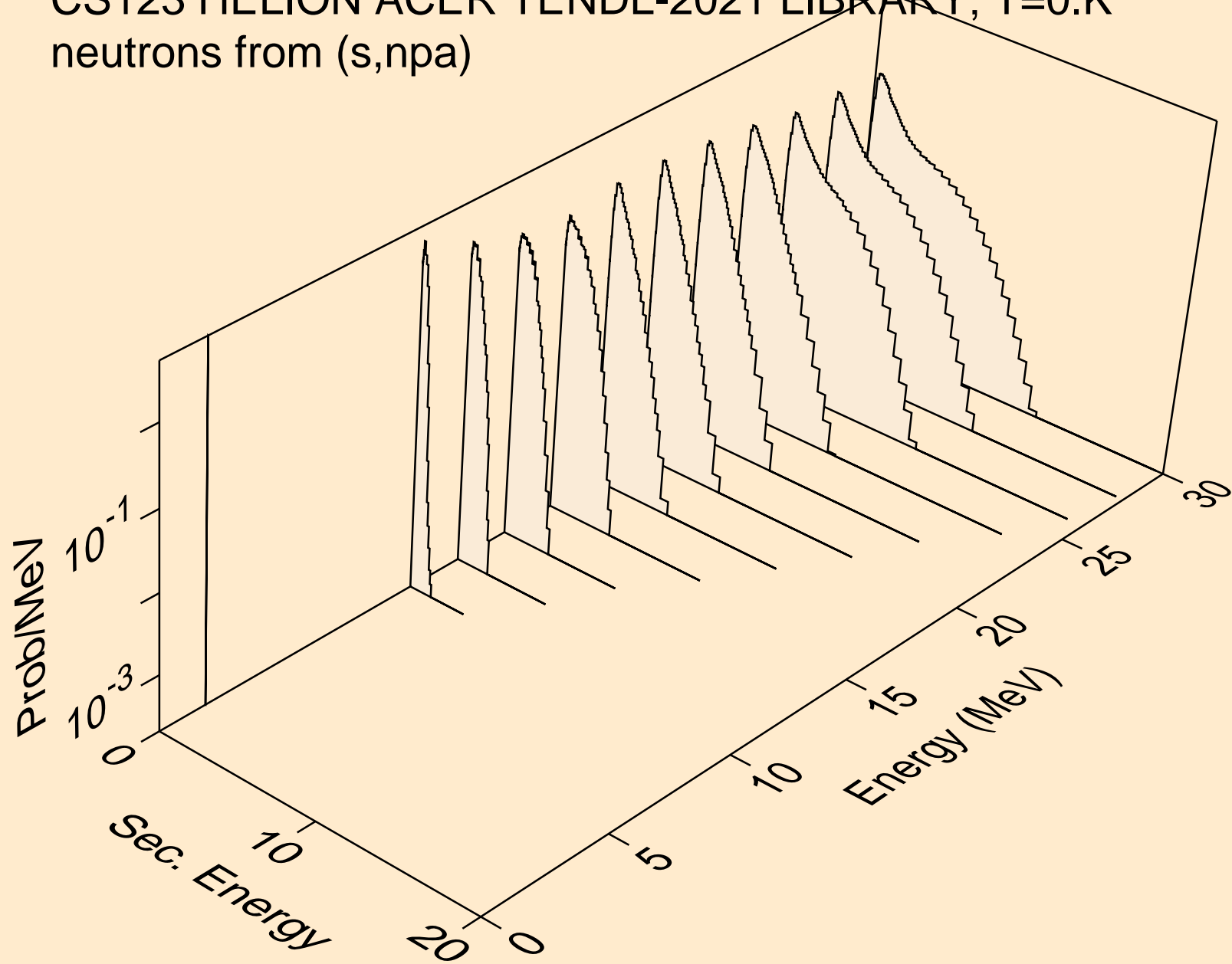
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



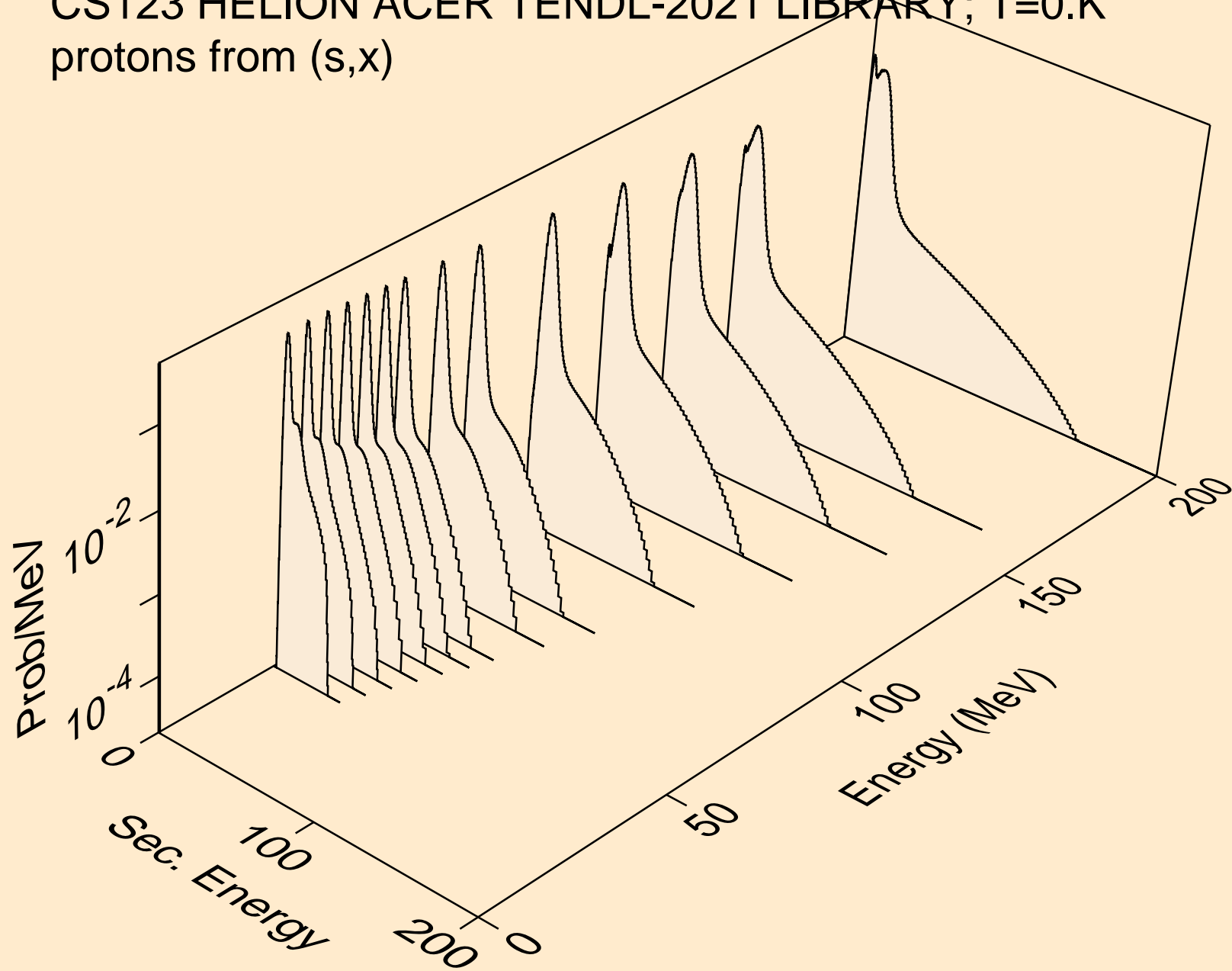
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)

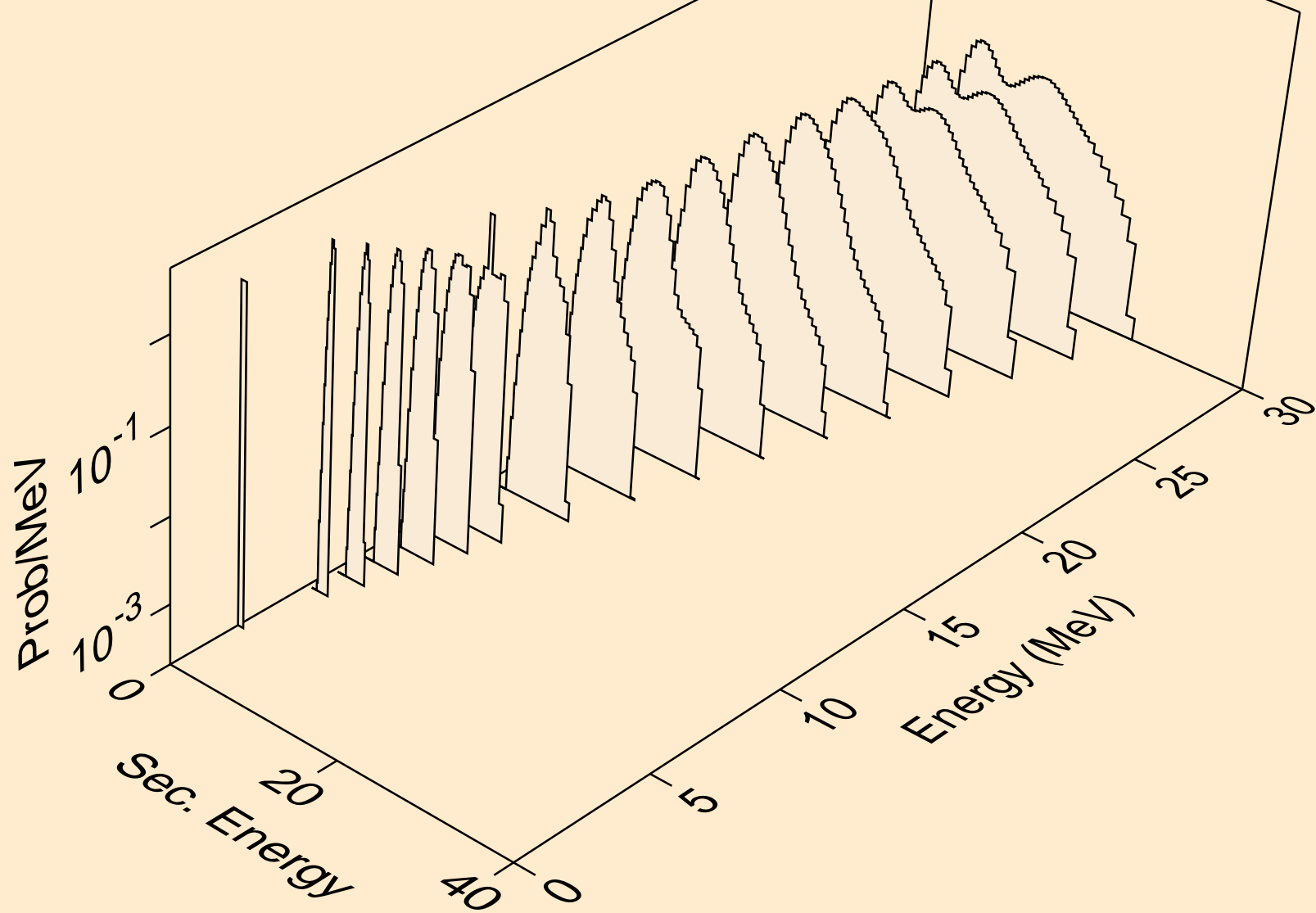


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)

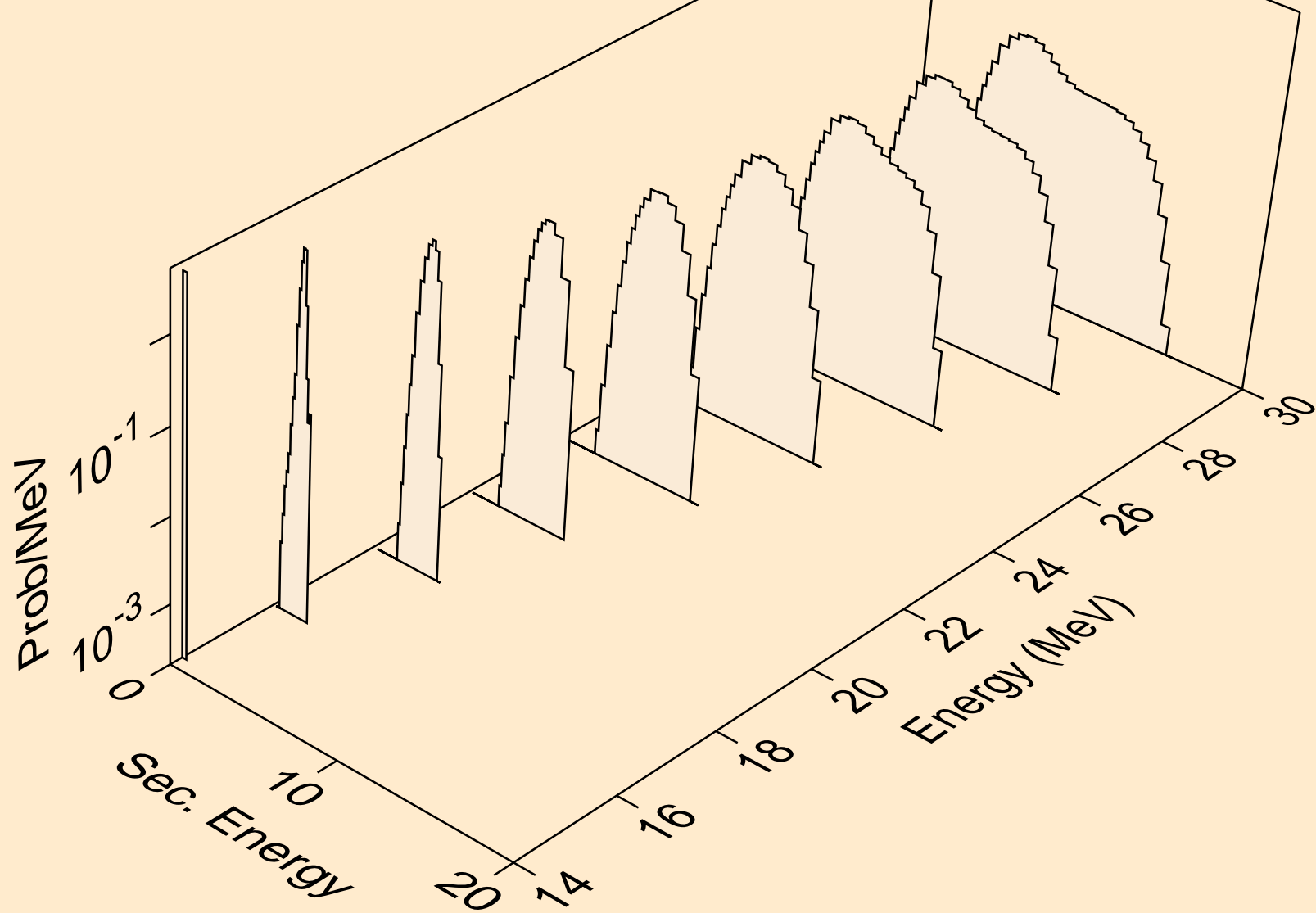




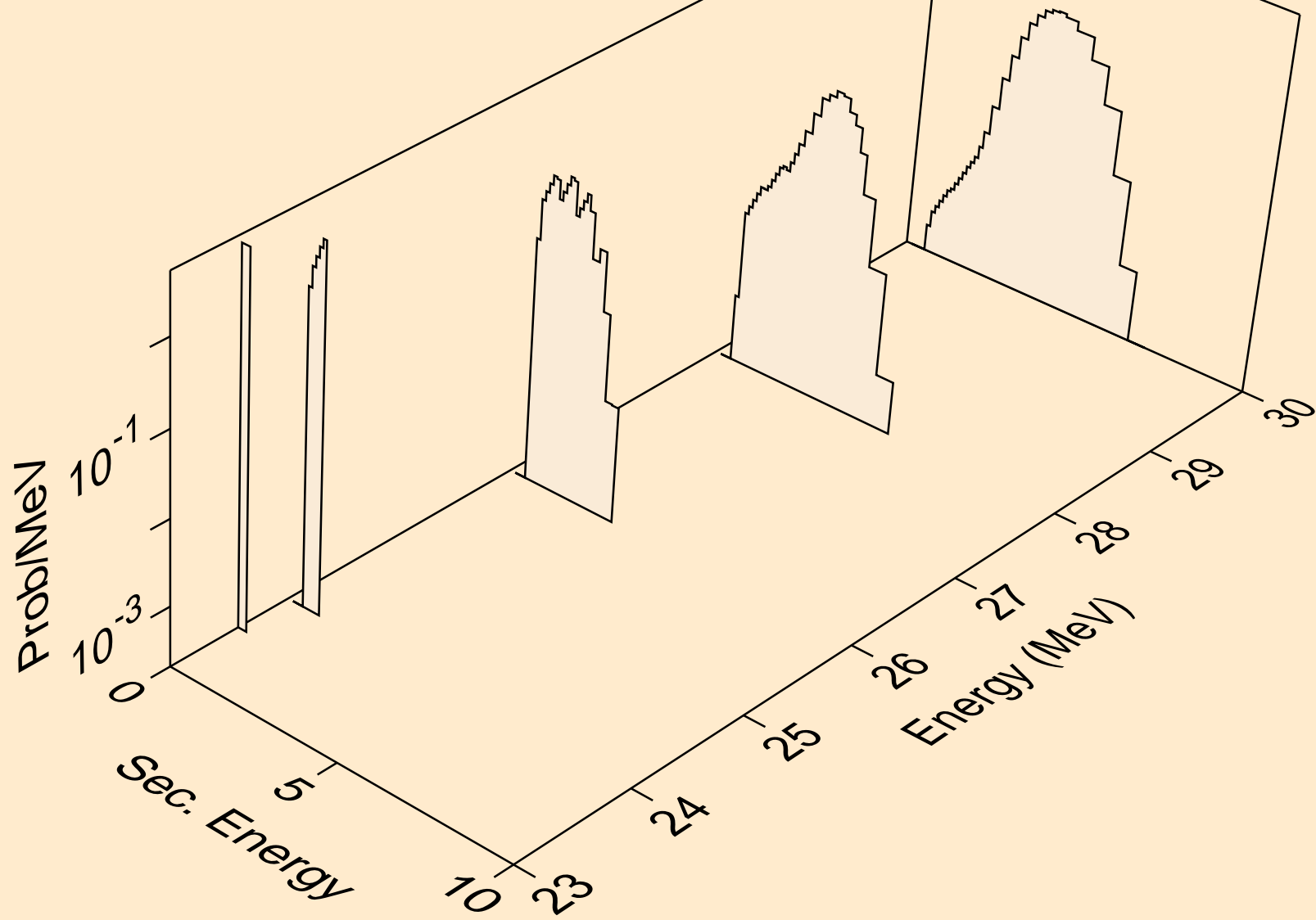
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



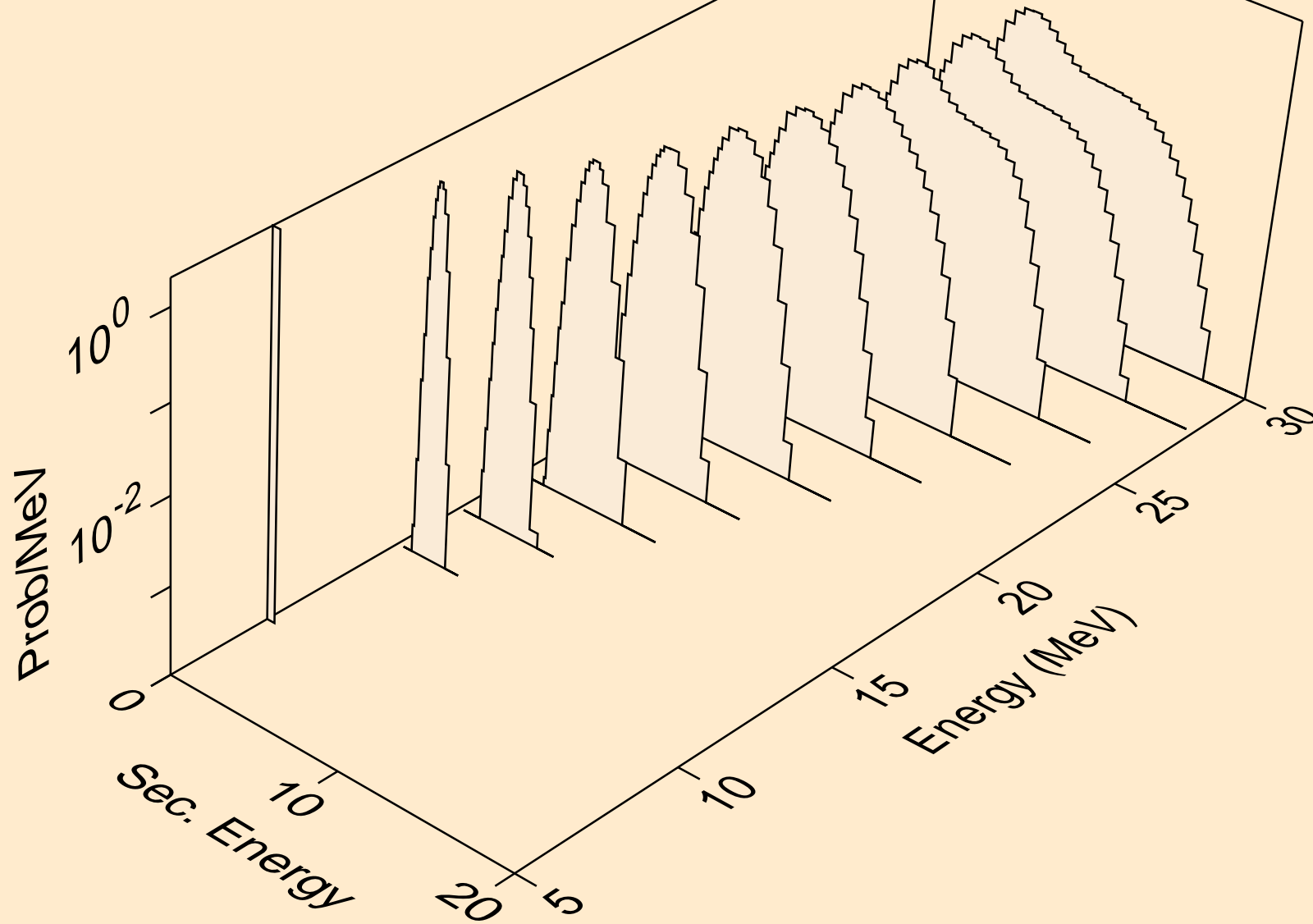
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



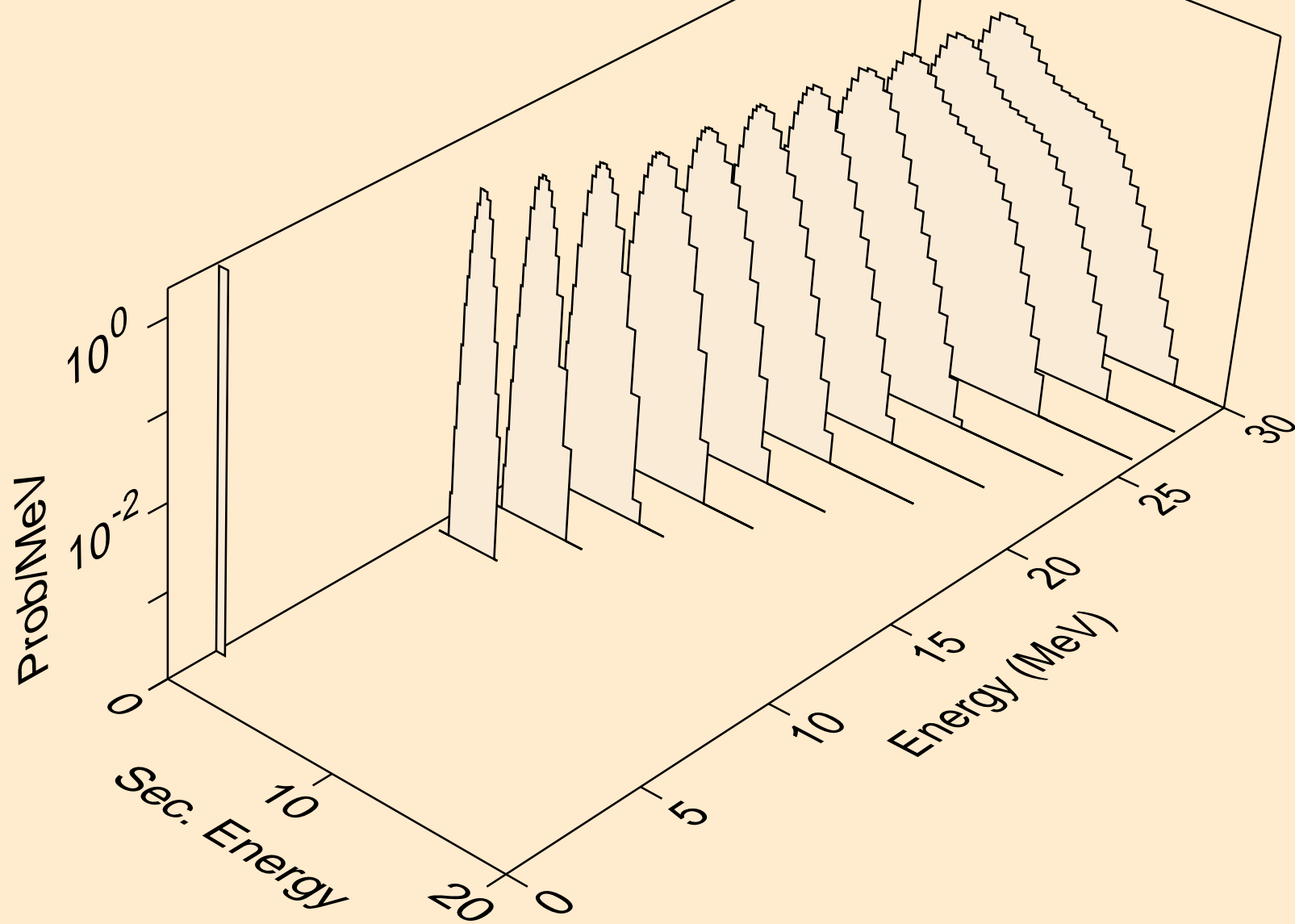
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)



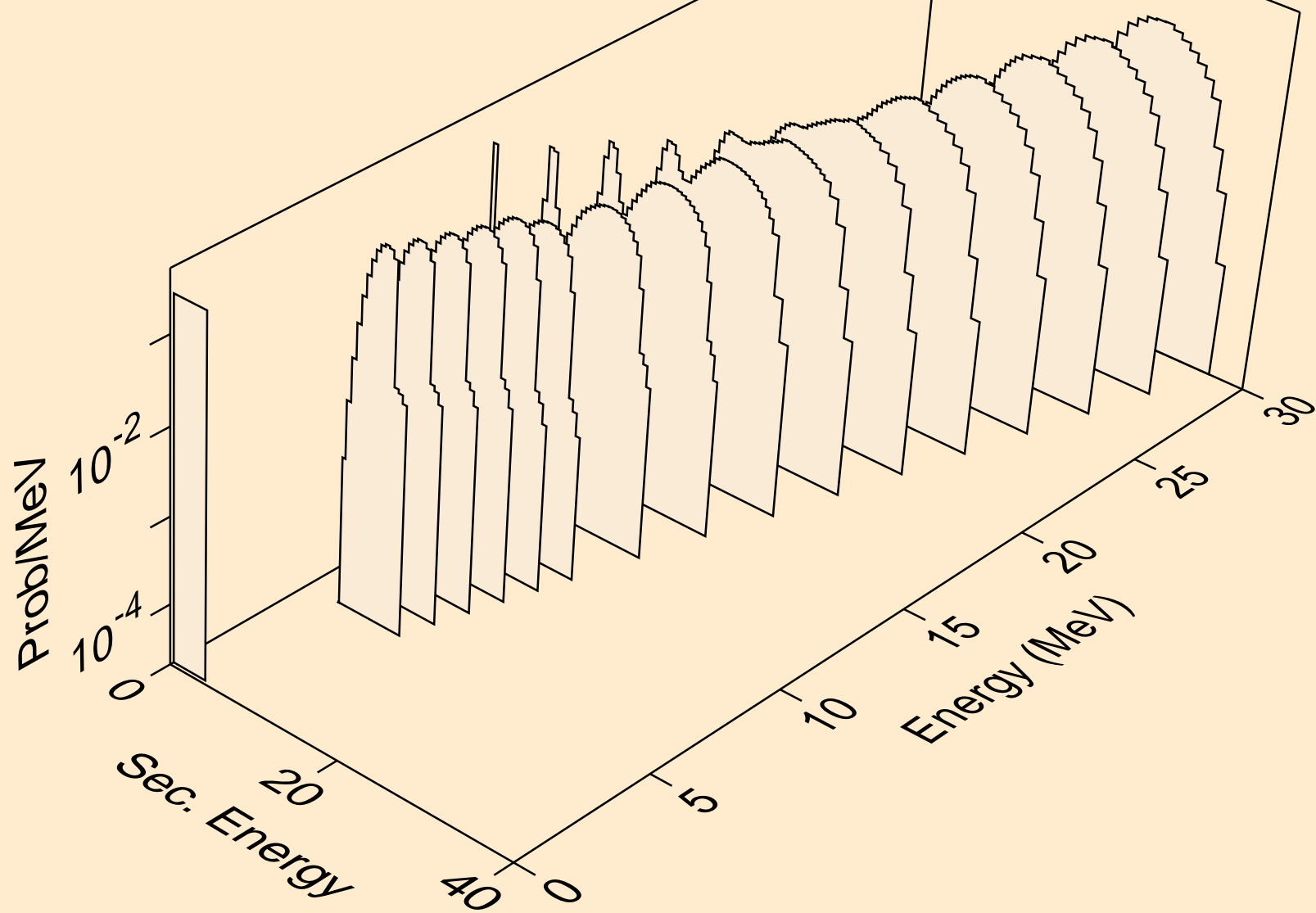
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



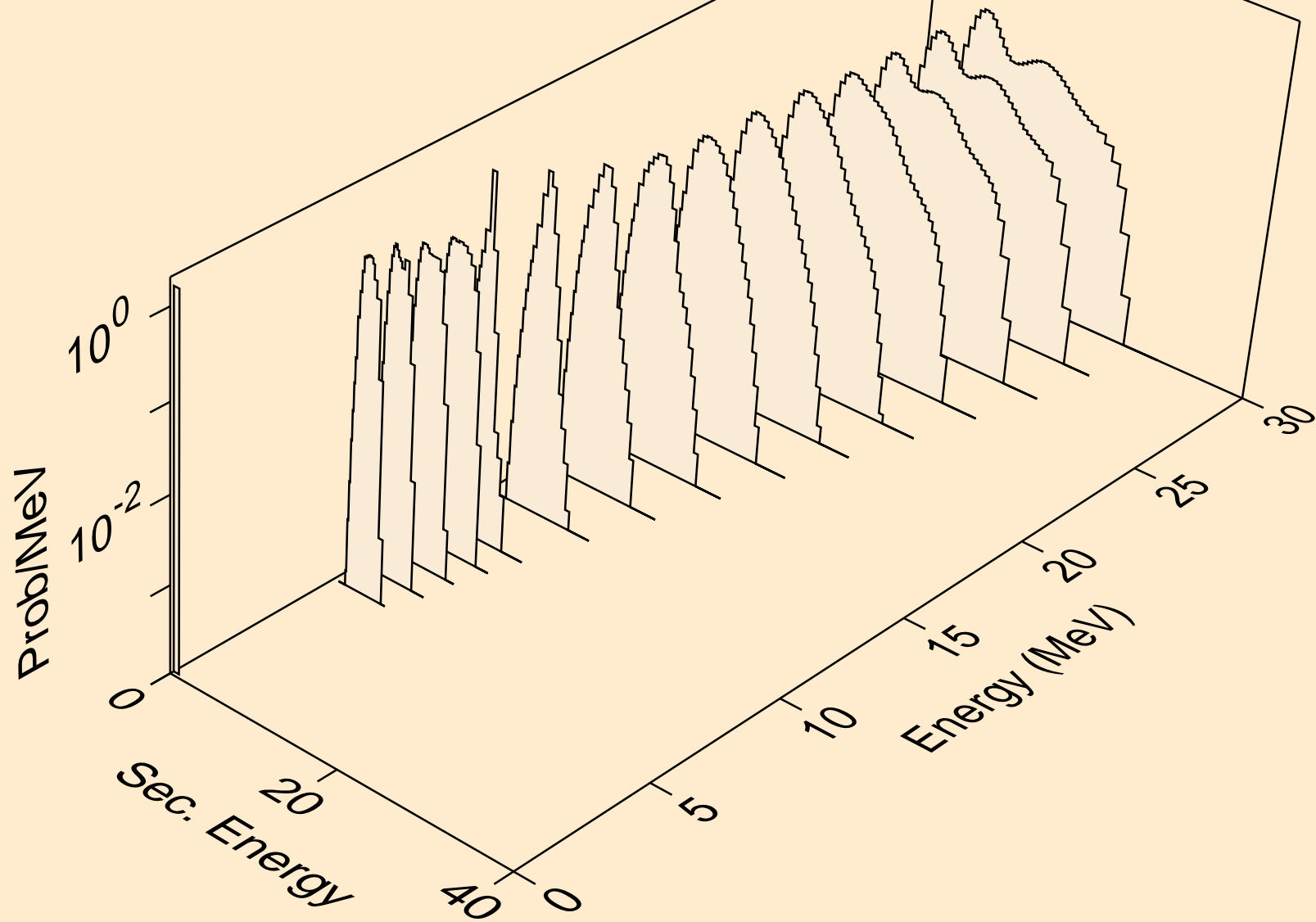
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



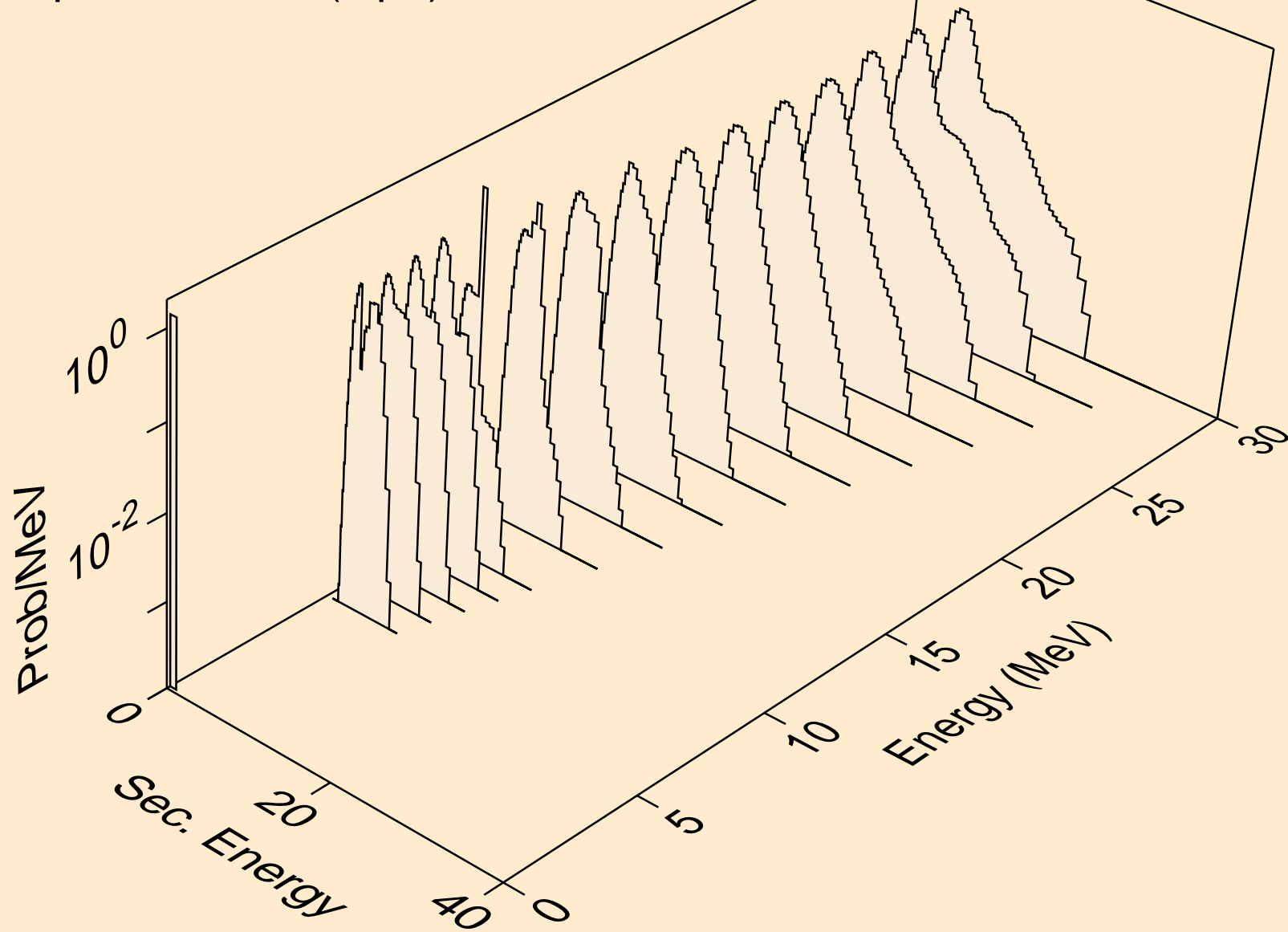
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)

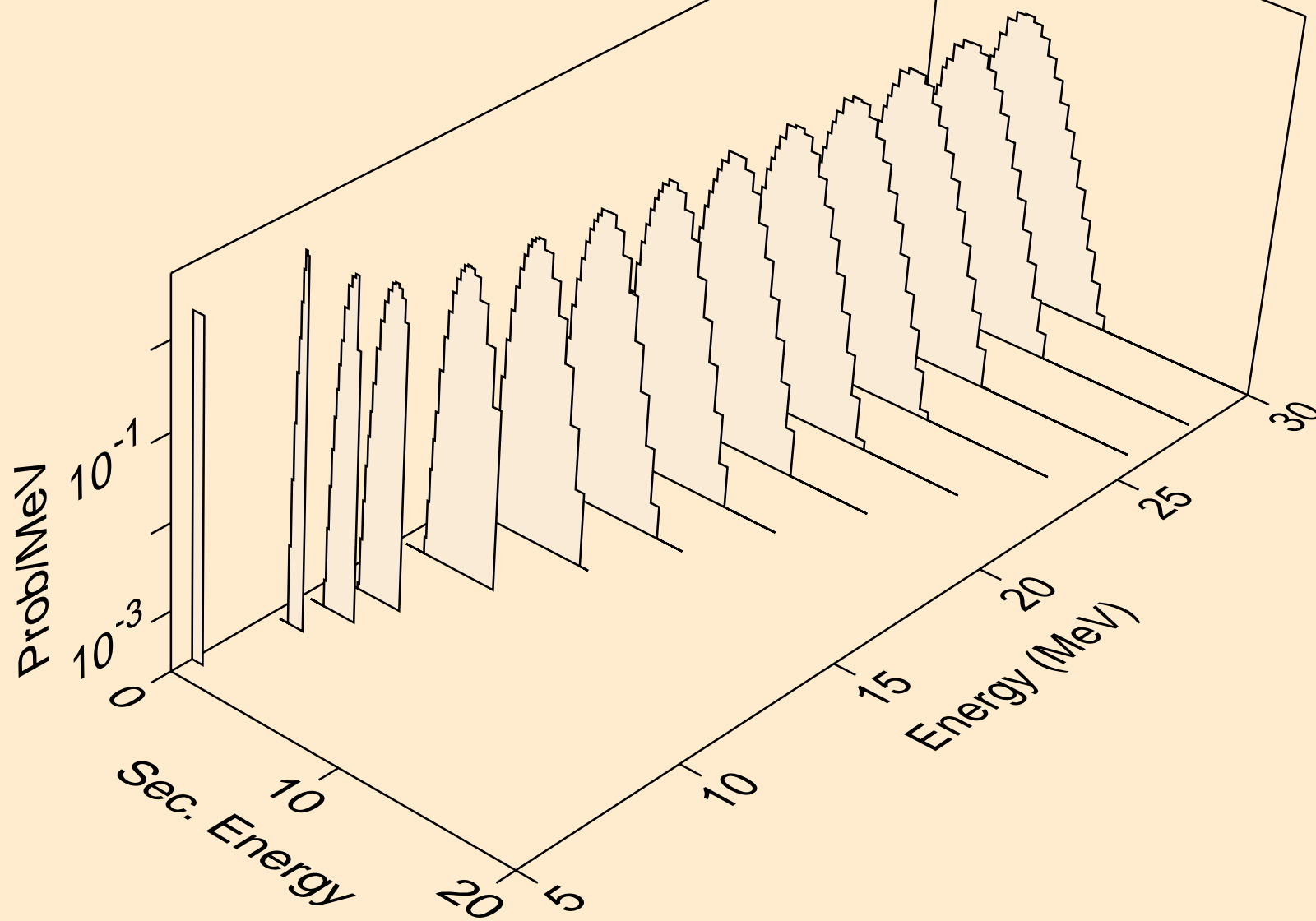


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)

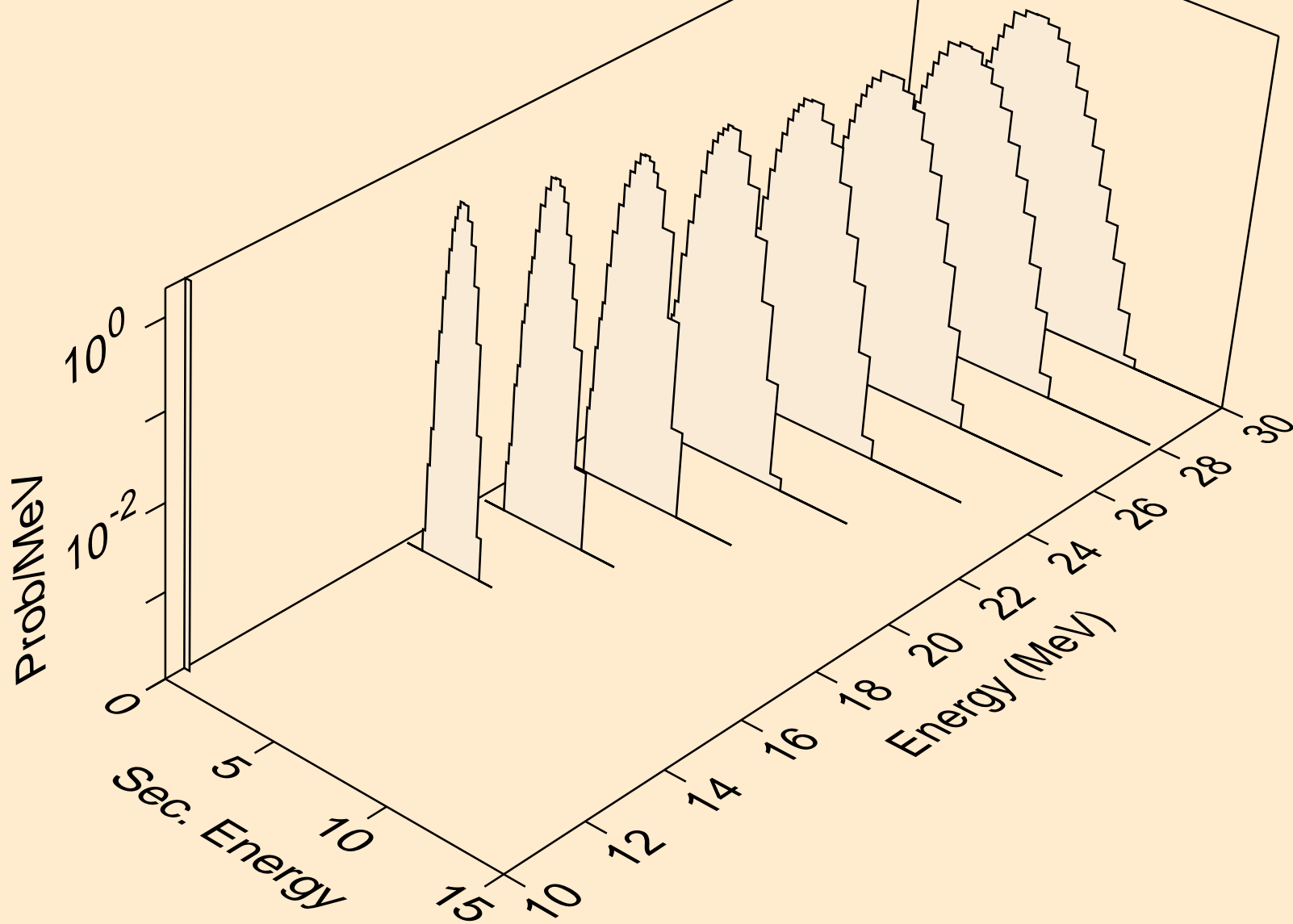




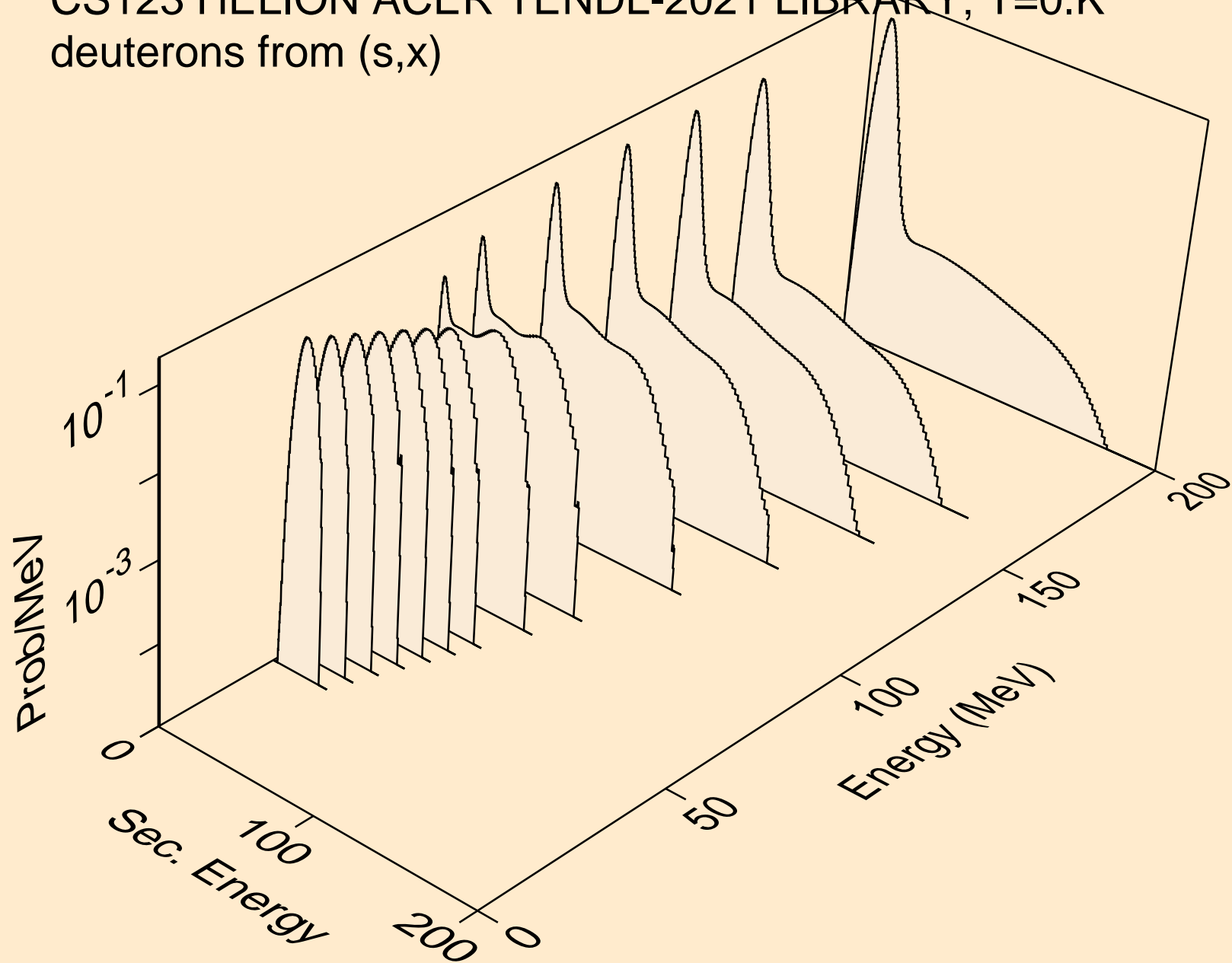
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protons from (s,pd)



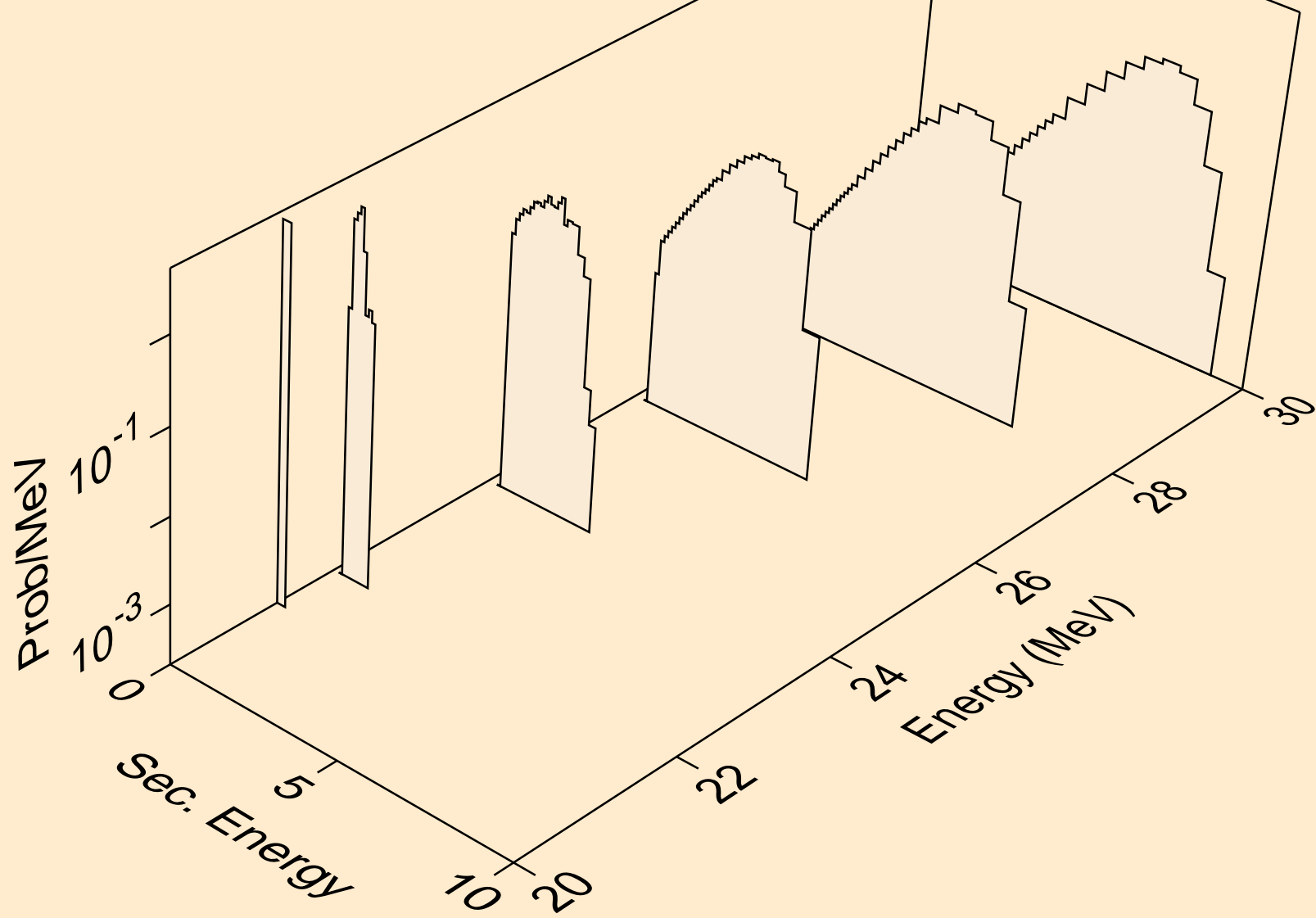
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protons from (s,pt)



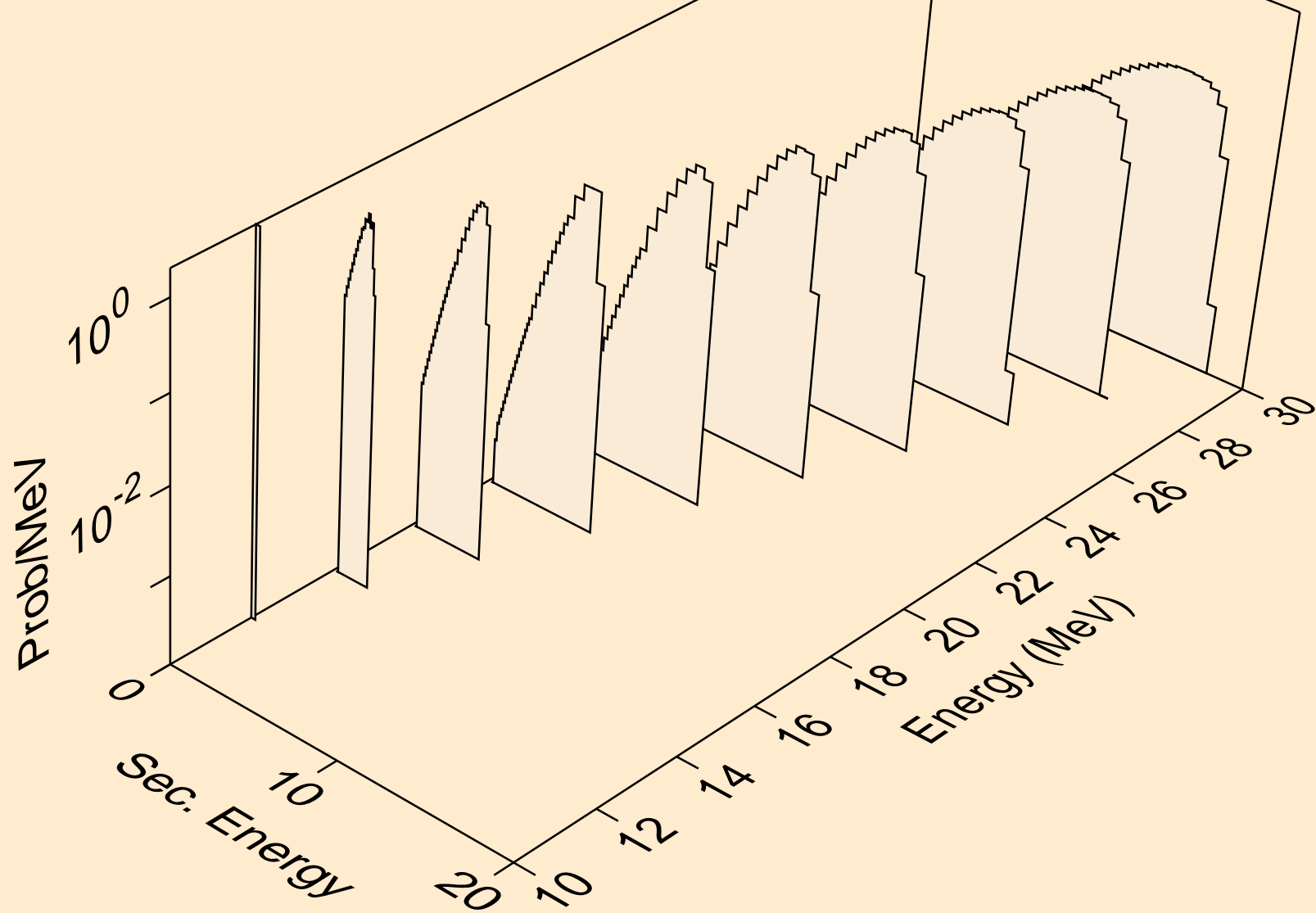
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deuterons from (s,x)



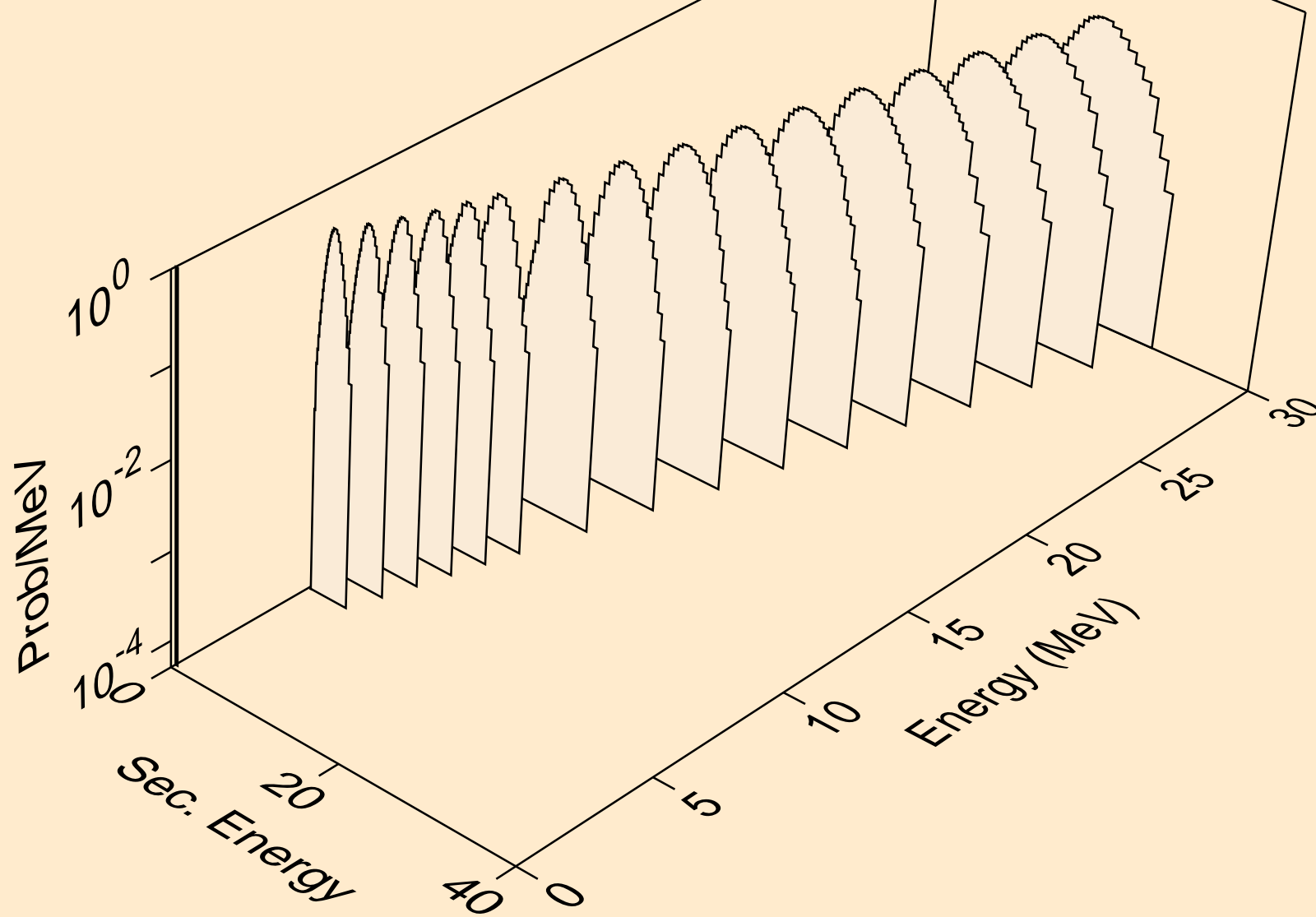
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deuterons from (s,2nd)



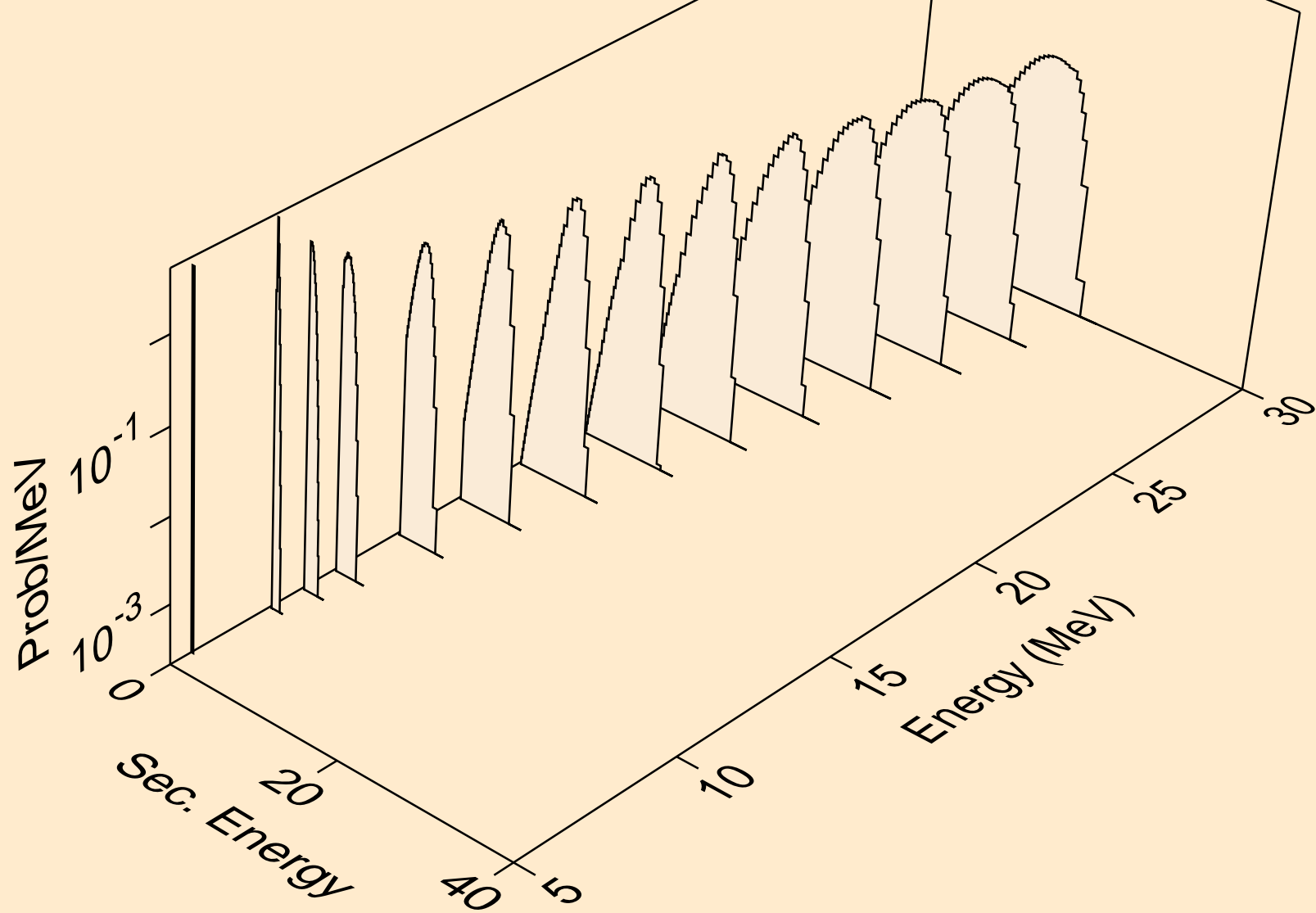
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deuterons from (s,n\*)d



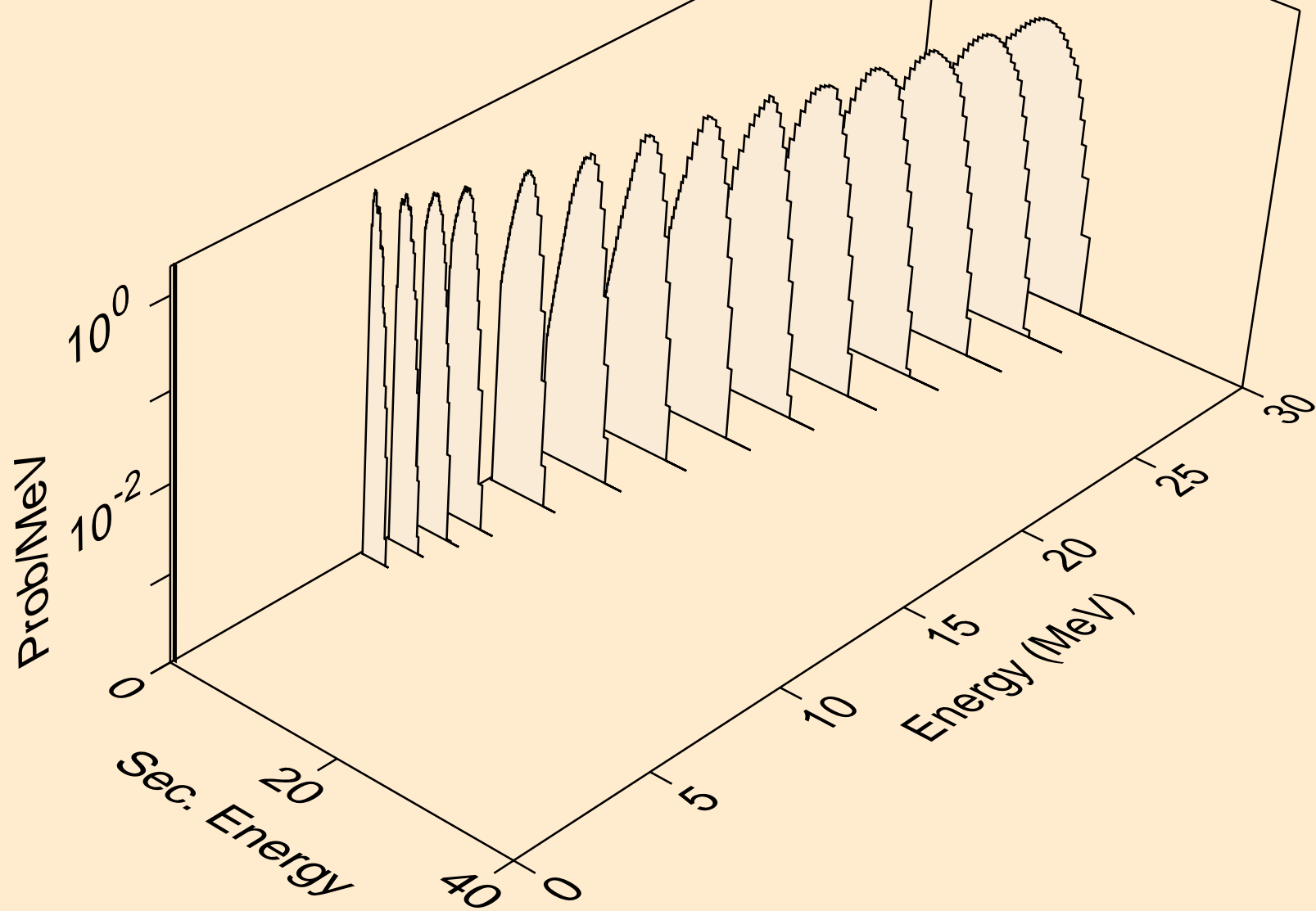
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deuterons from (s,d)



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)

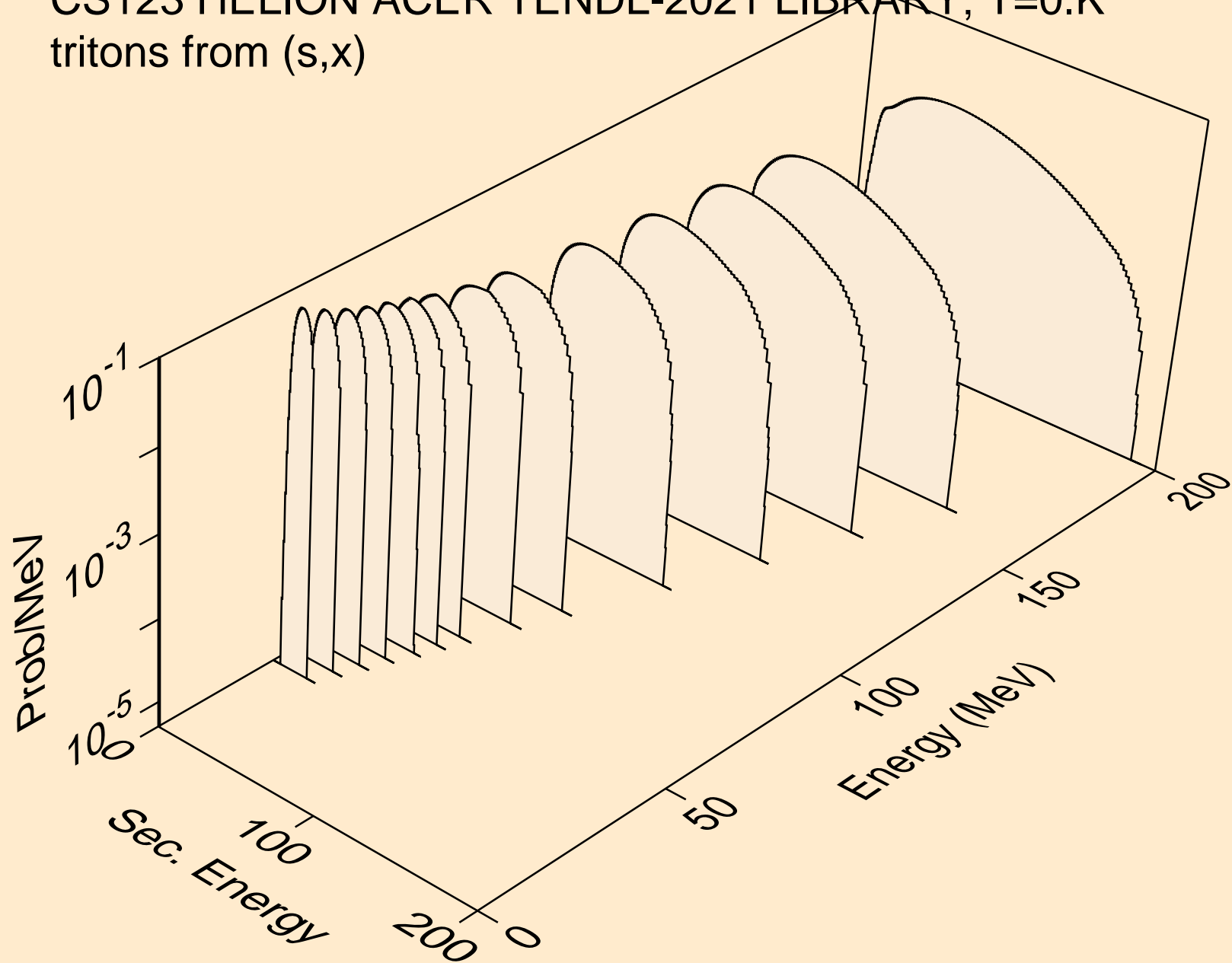


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)

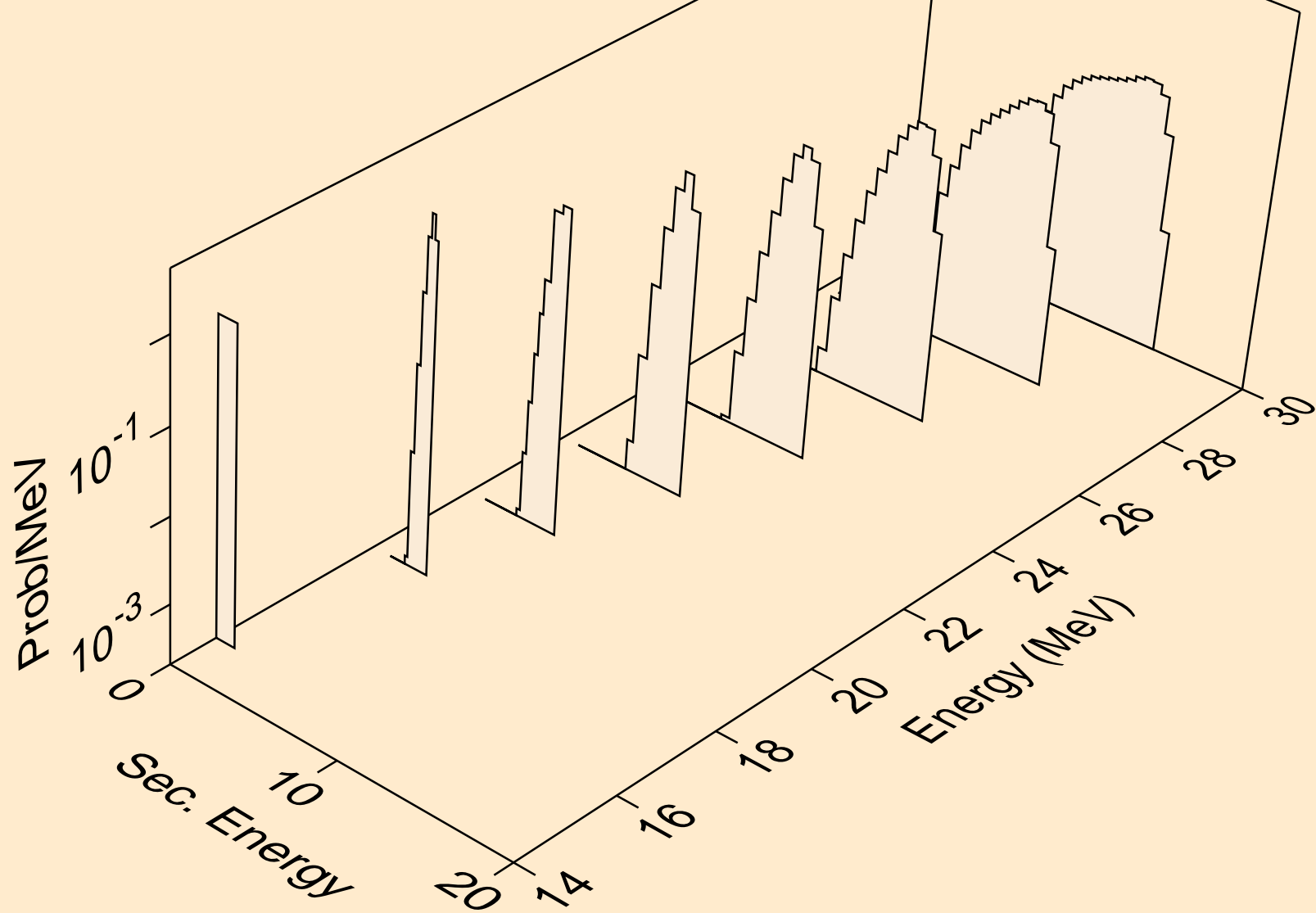




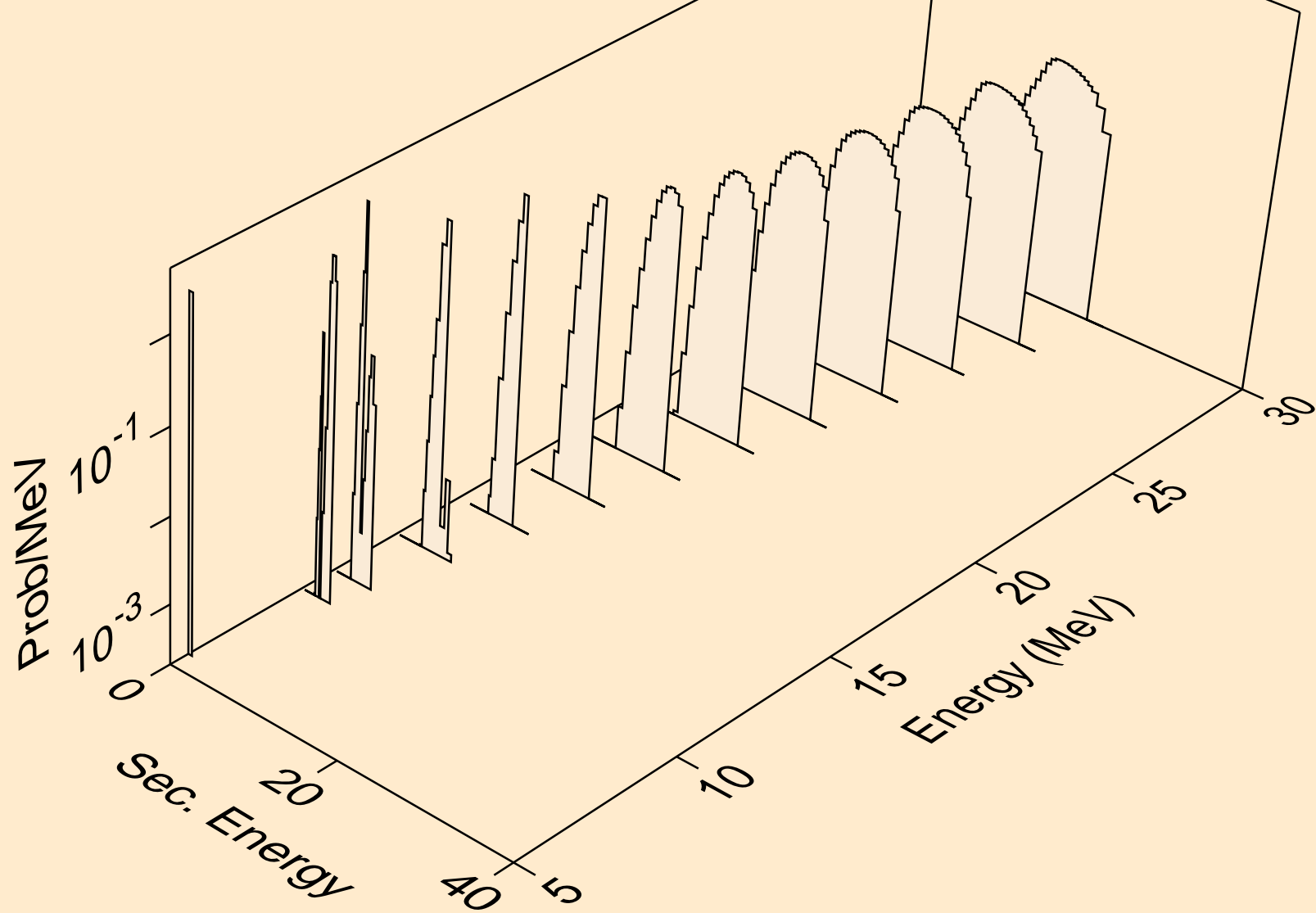
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tritons from (s,x)



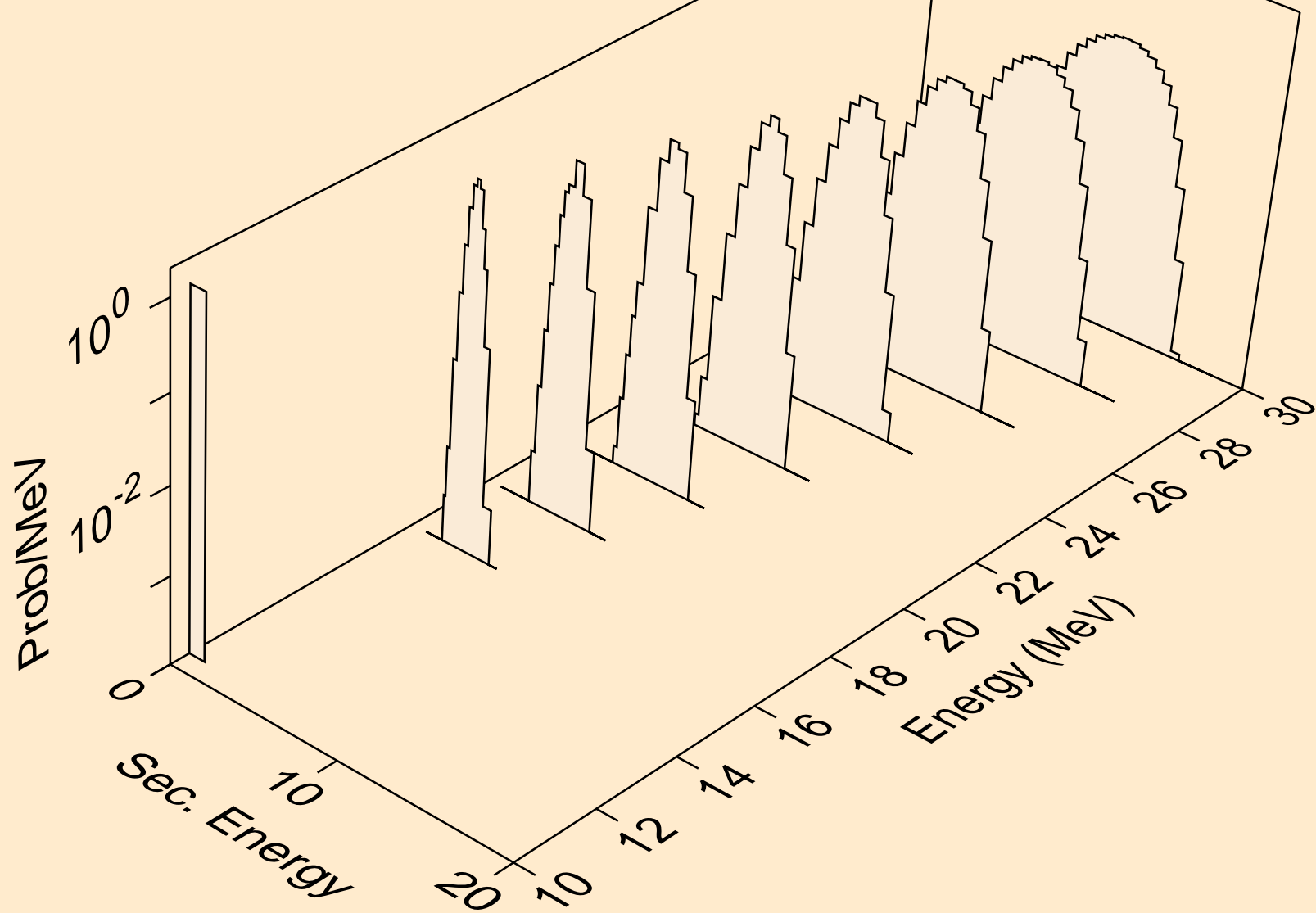
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tritons from (s,n\*)t



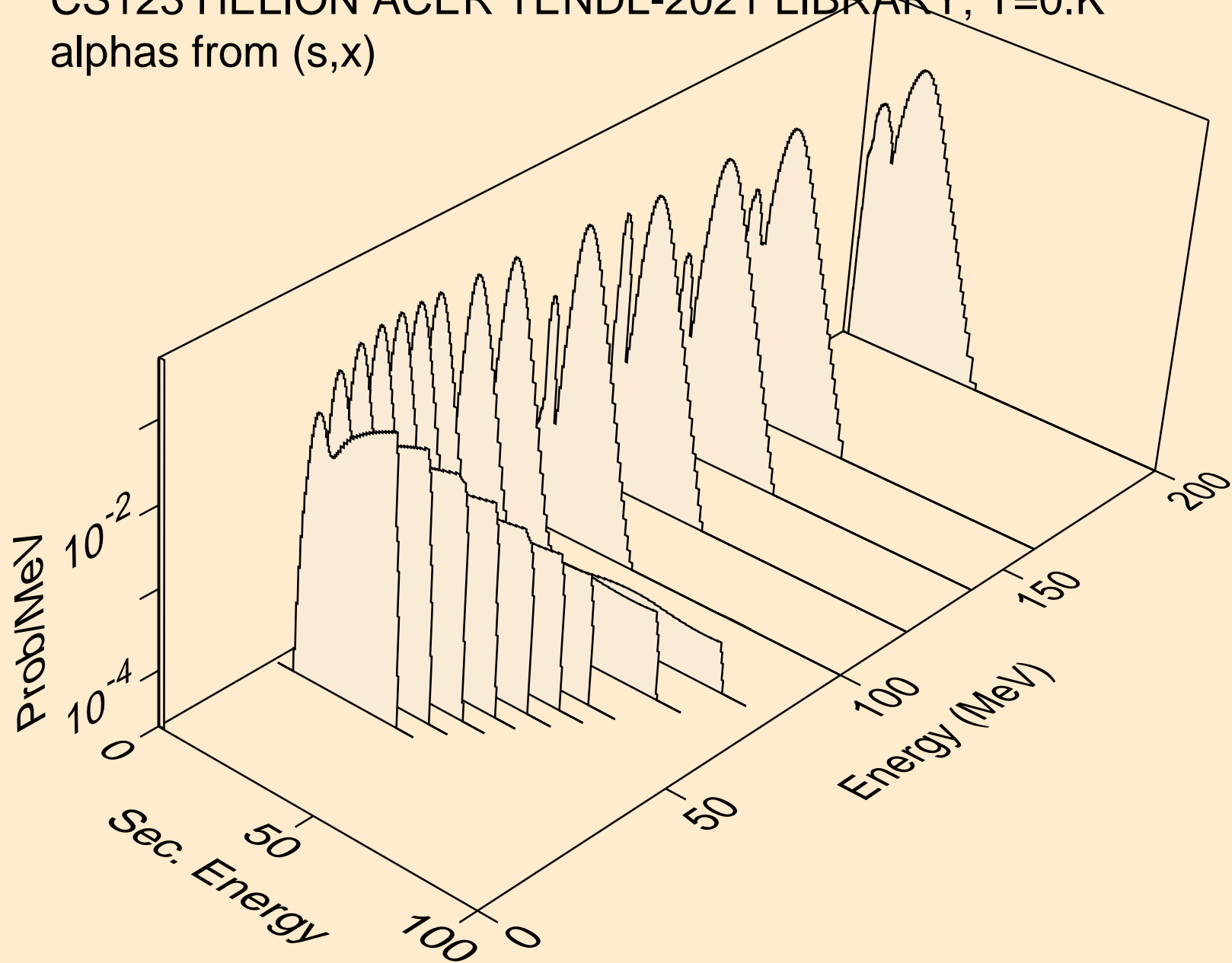
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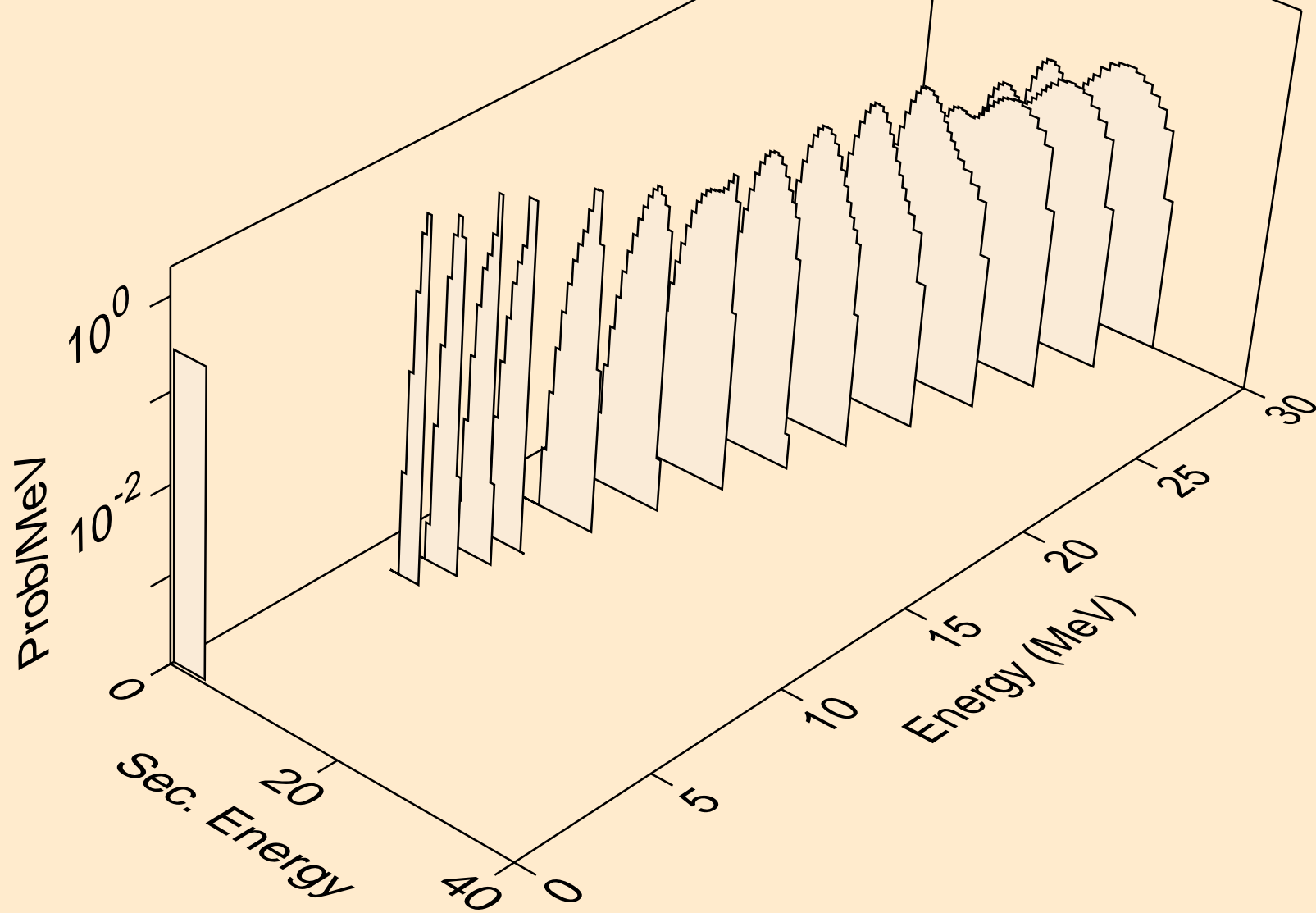
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



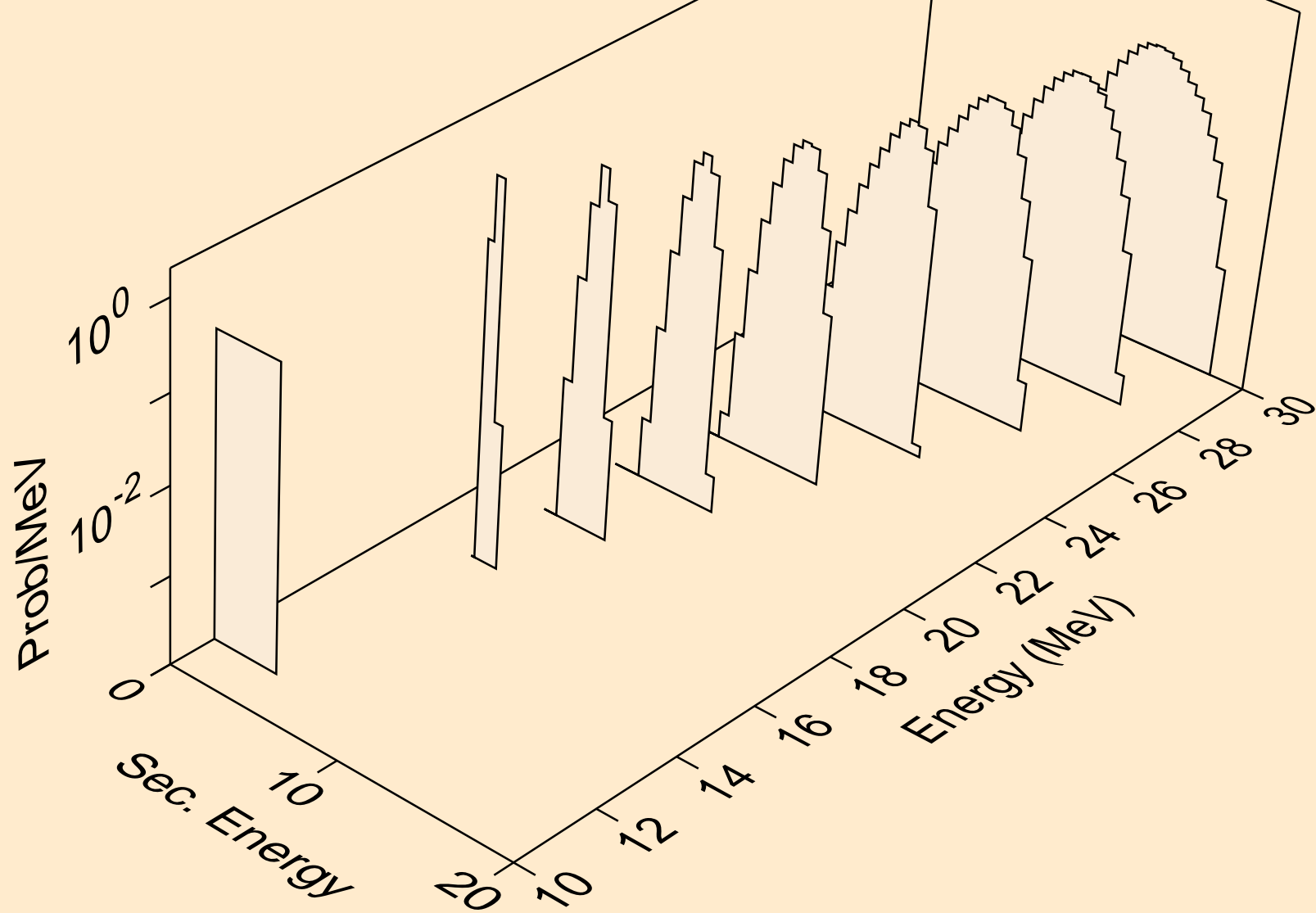
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



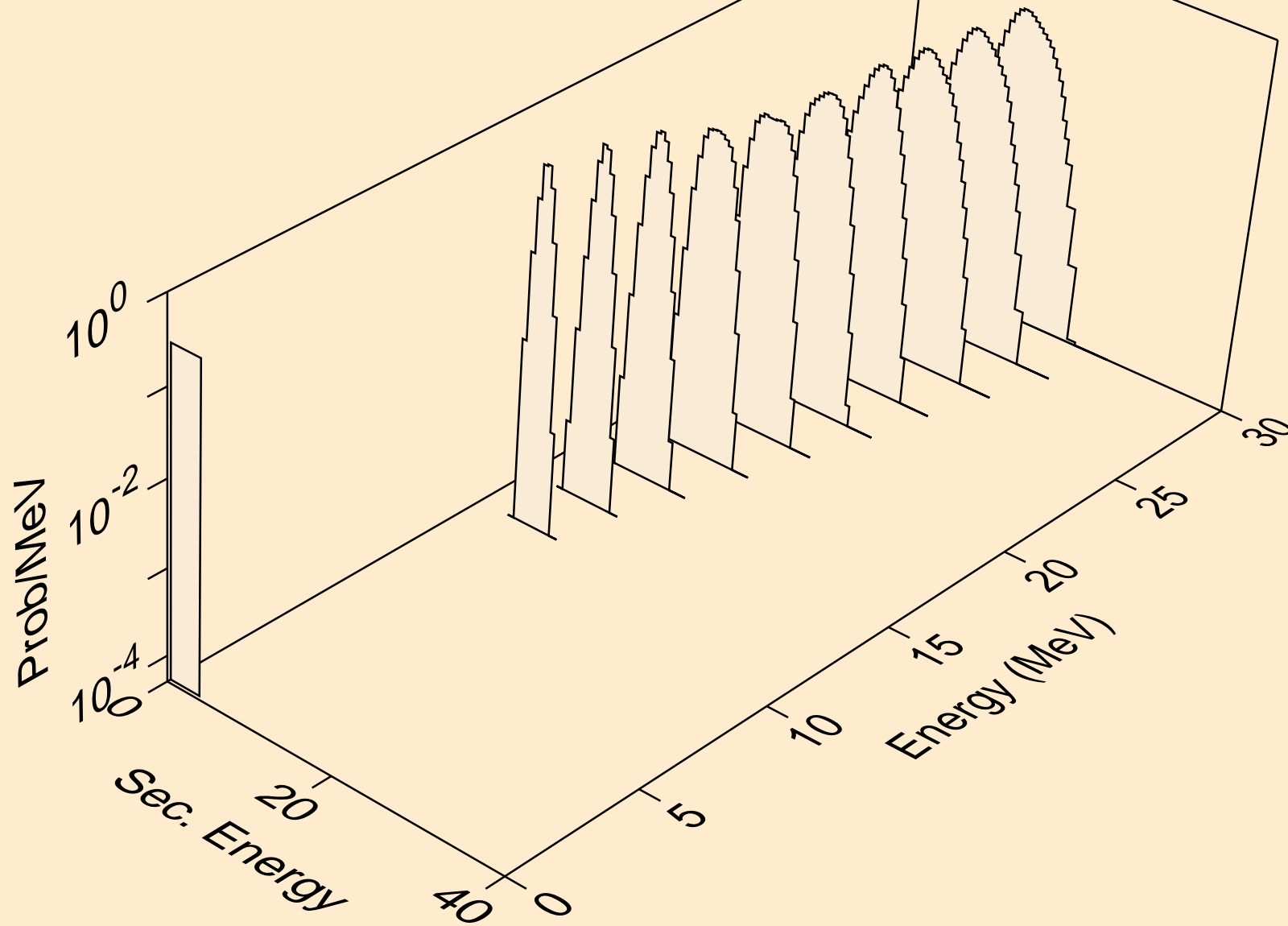
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a

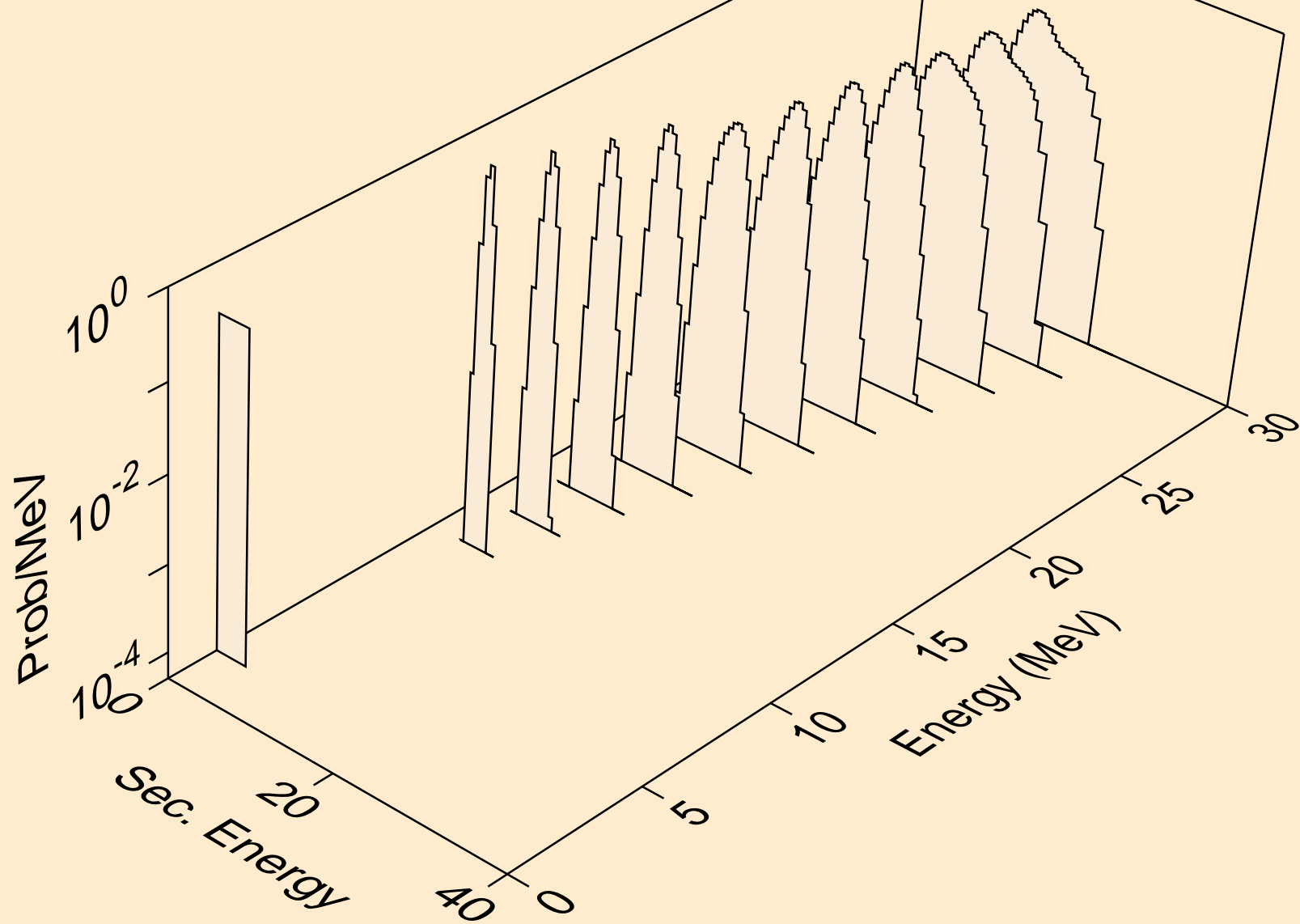


CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a

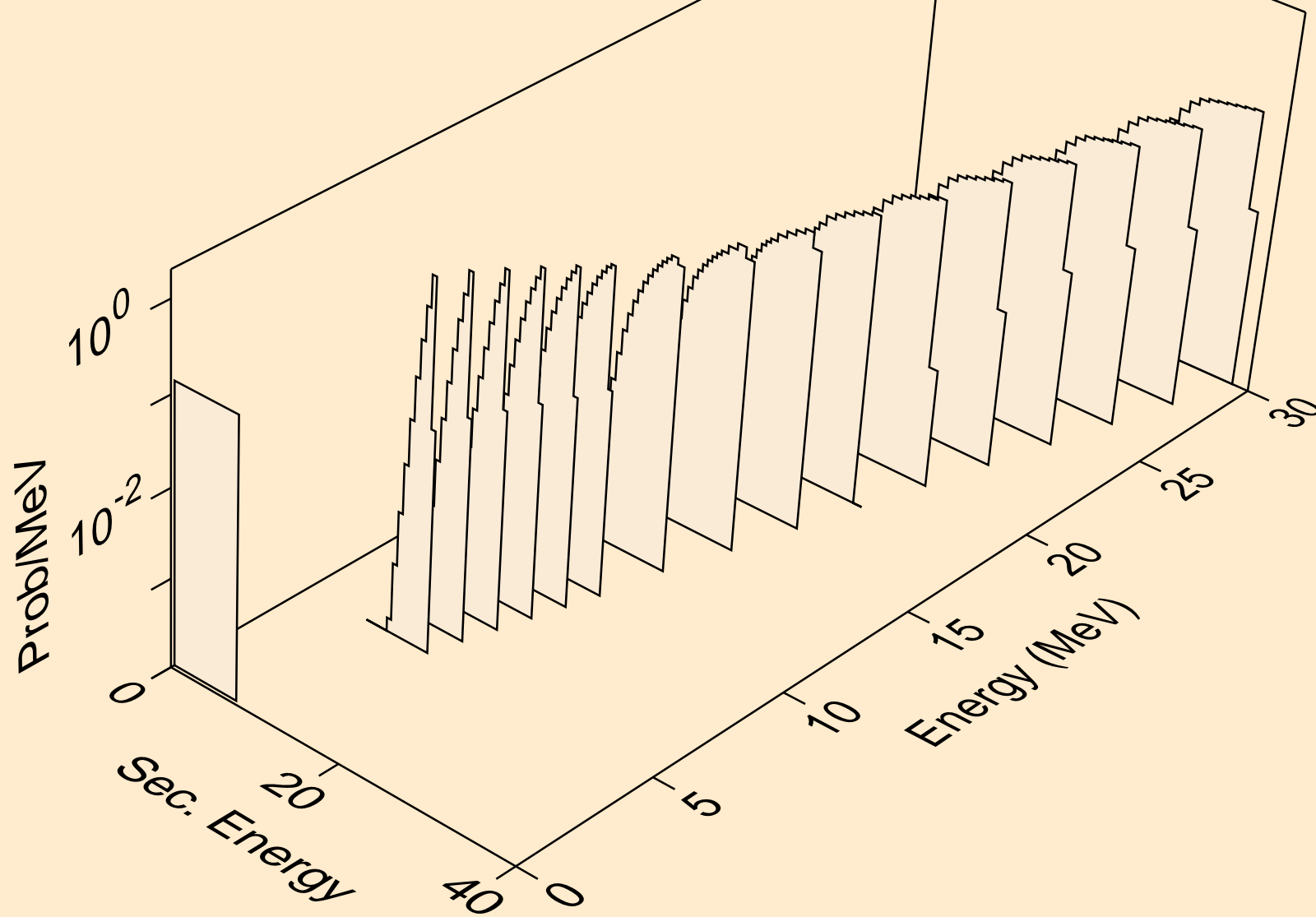




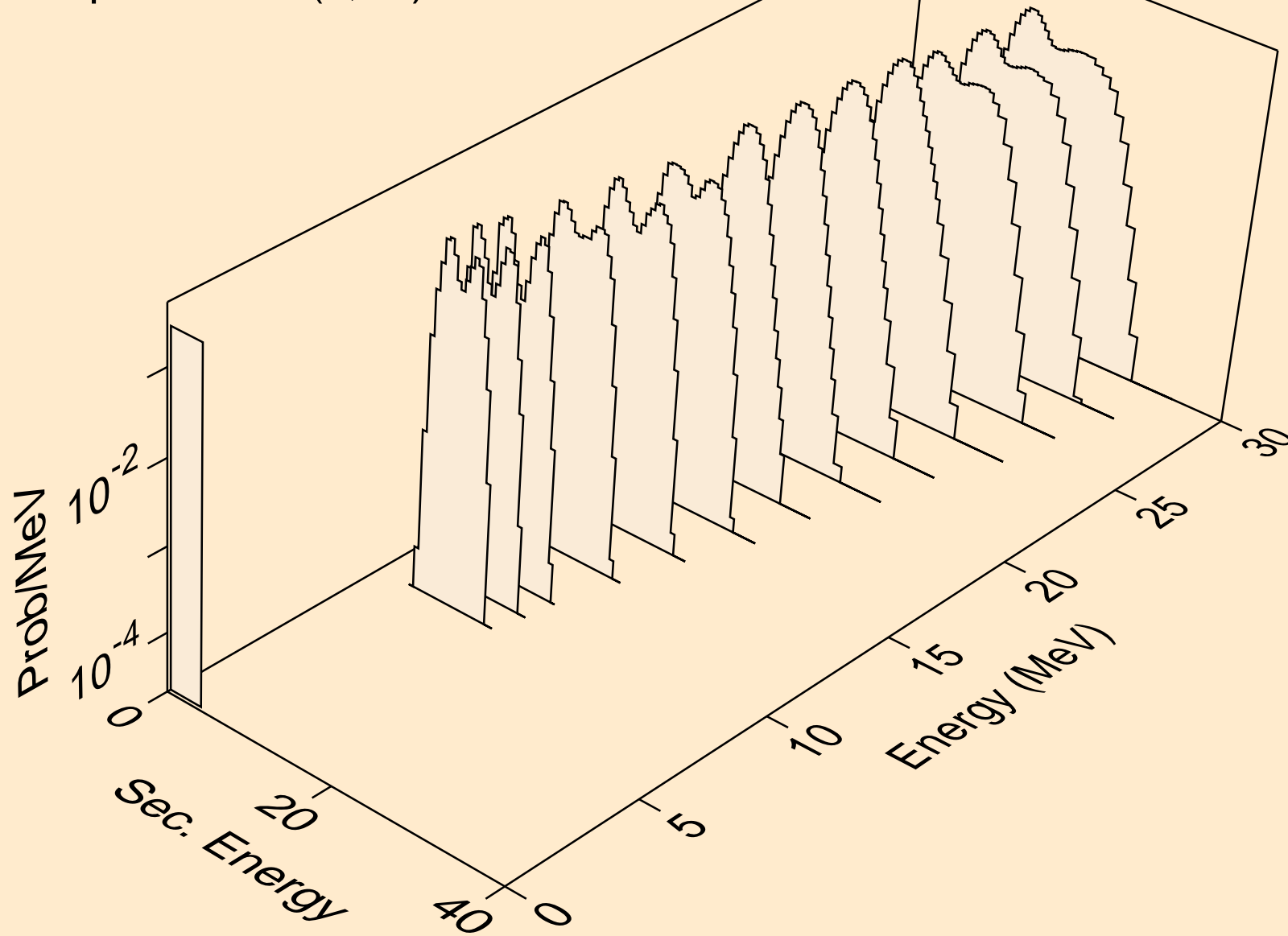
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



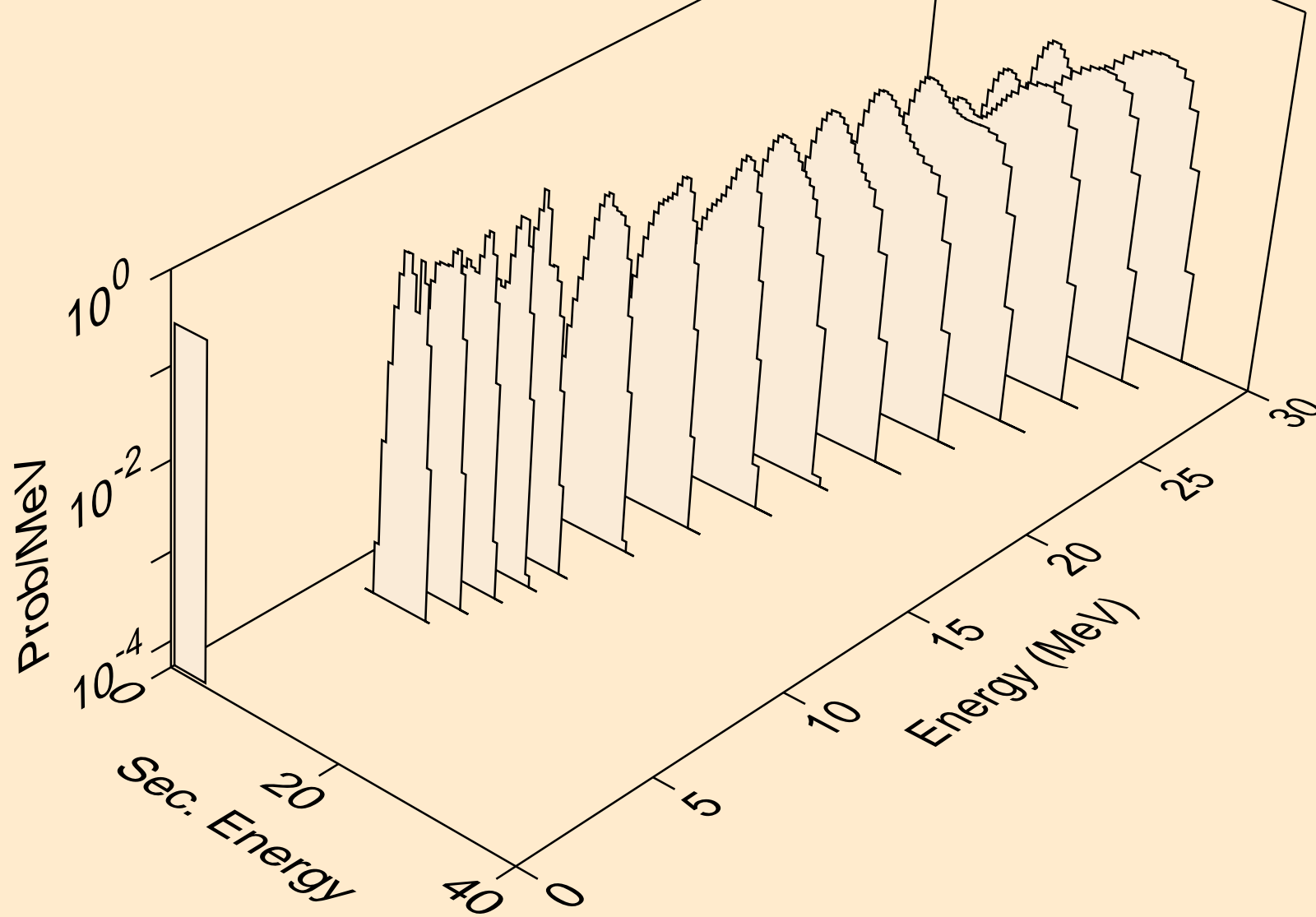
CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



CS123 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

