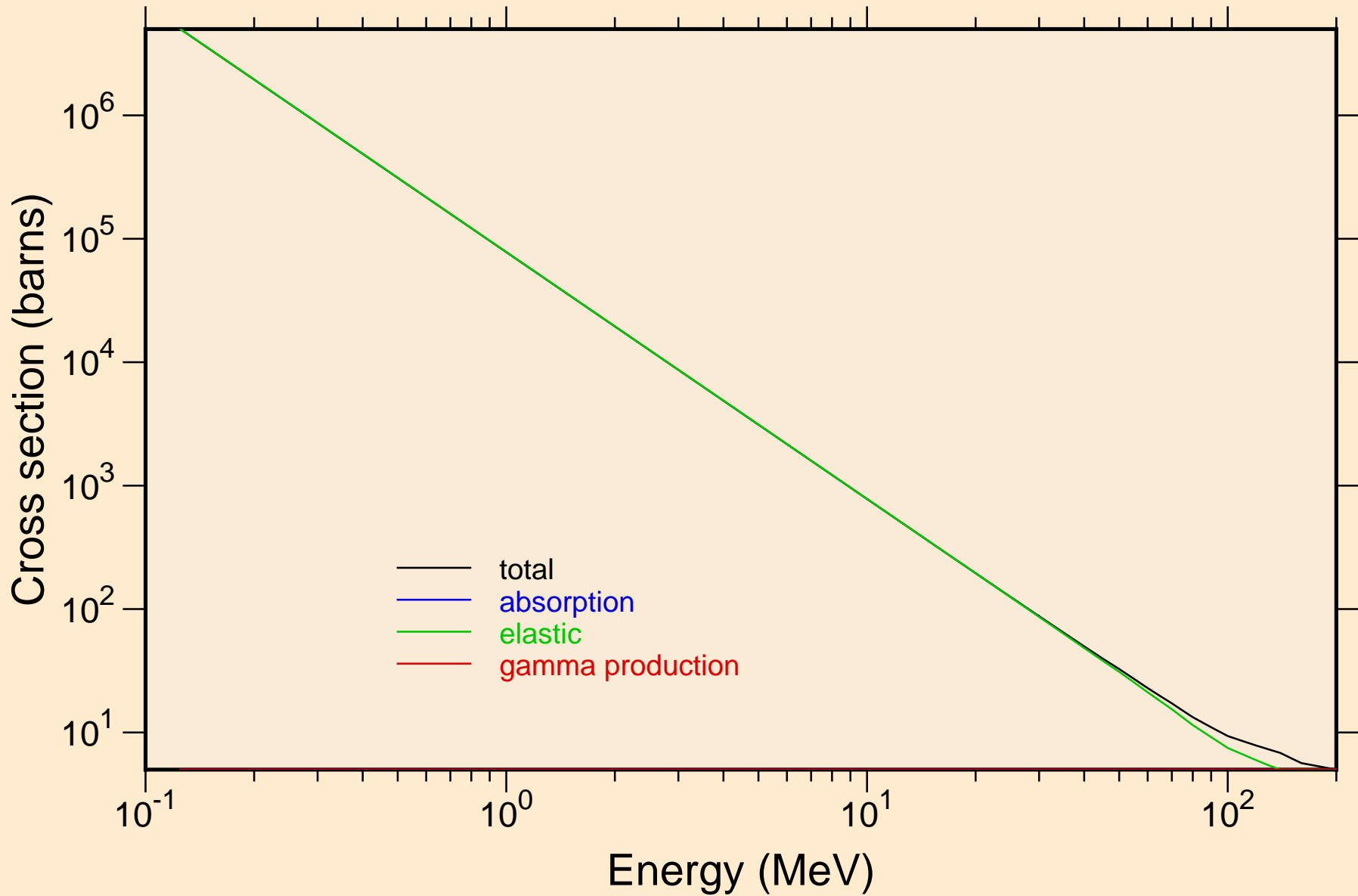
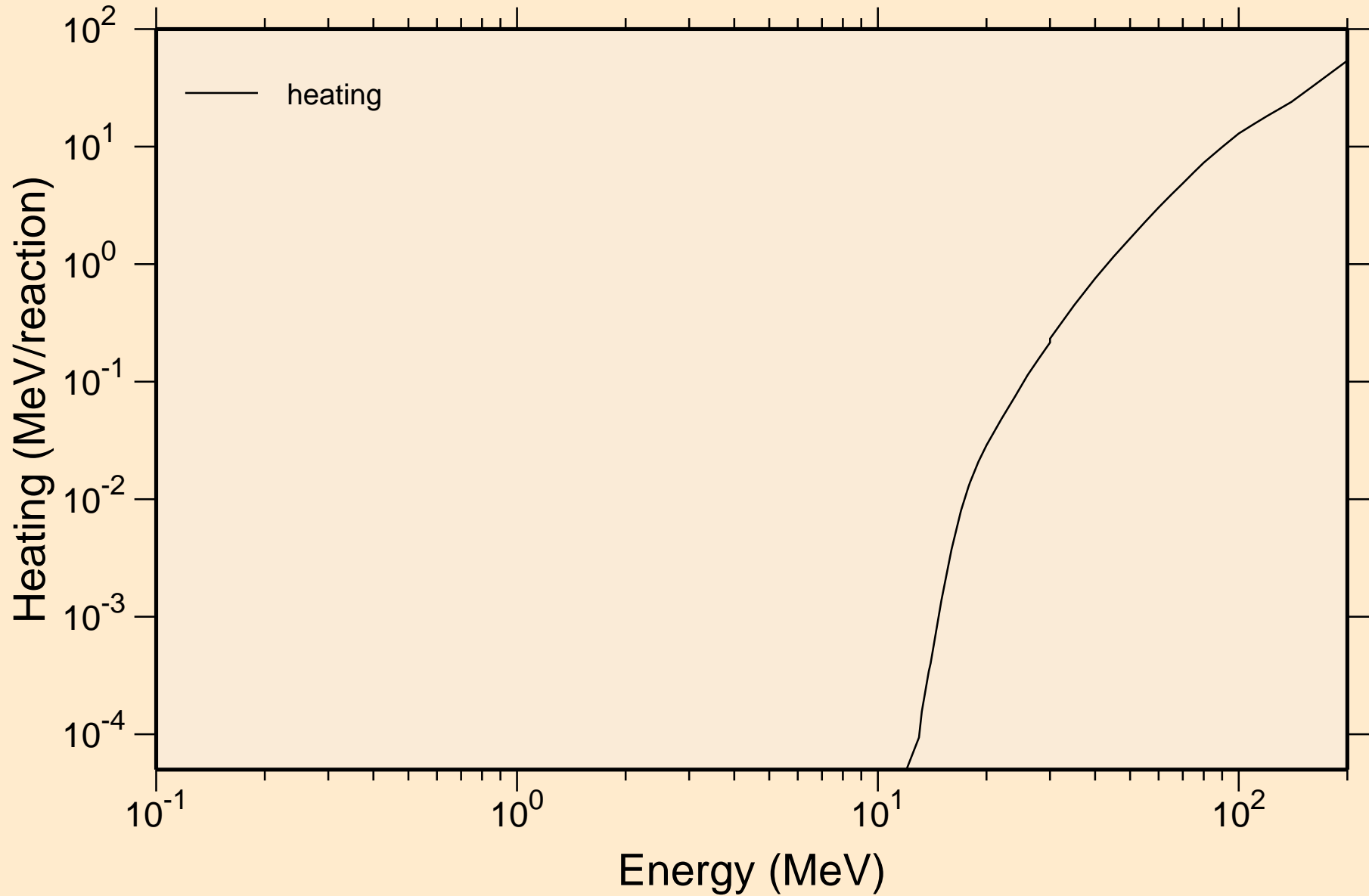


CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



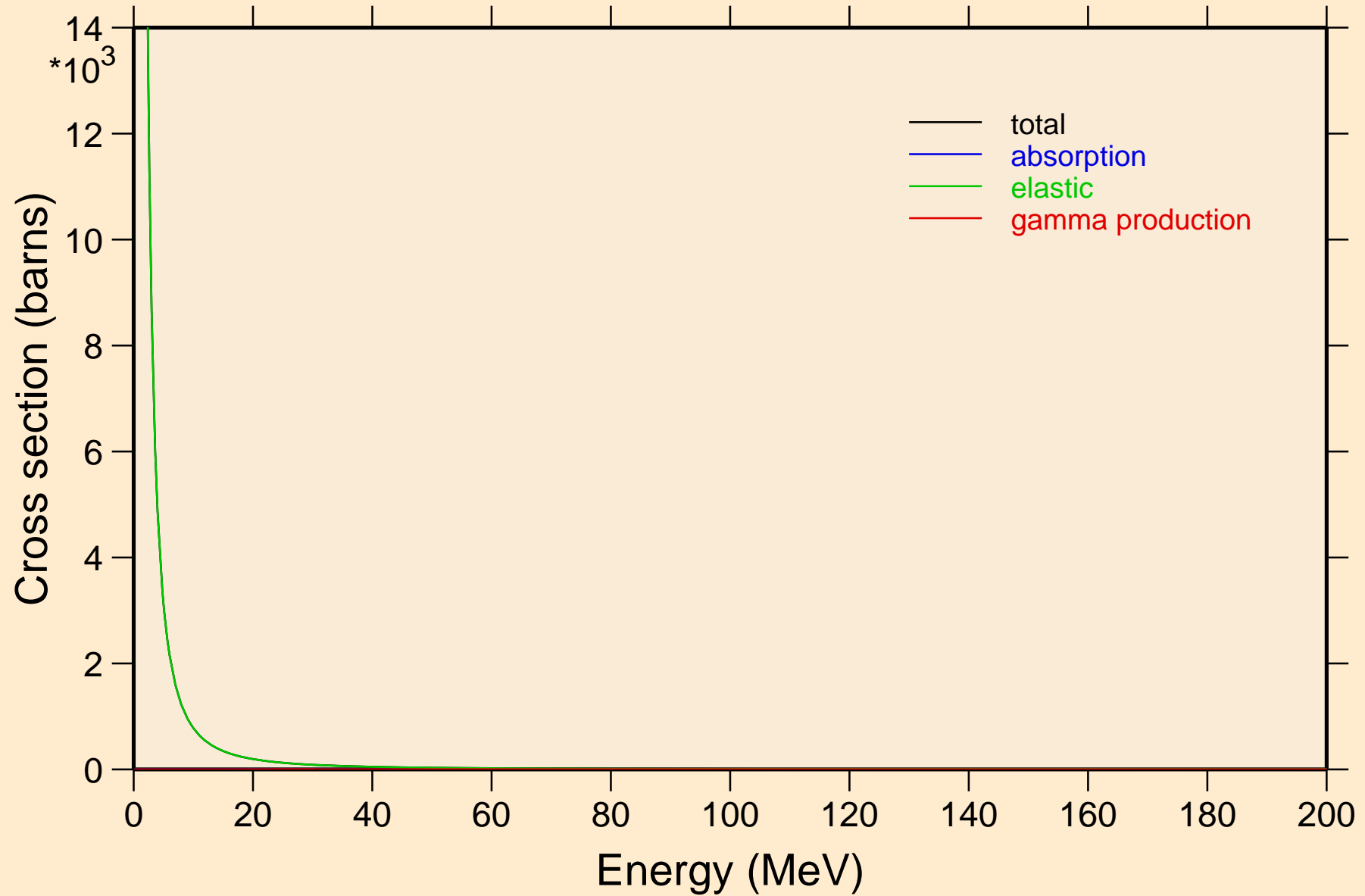
# CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



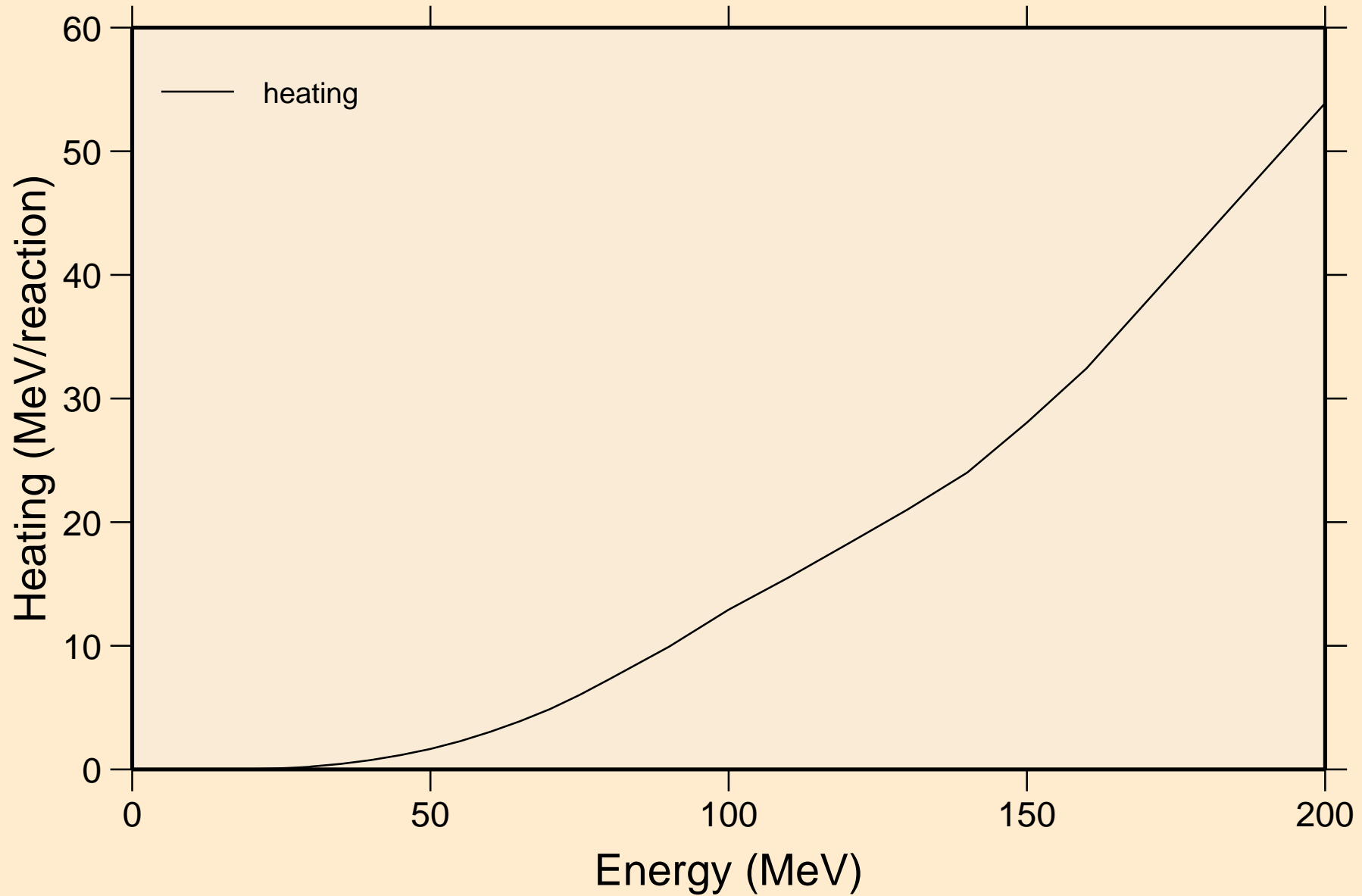
# CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



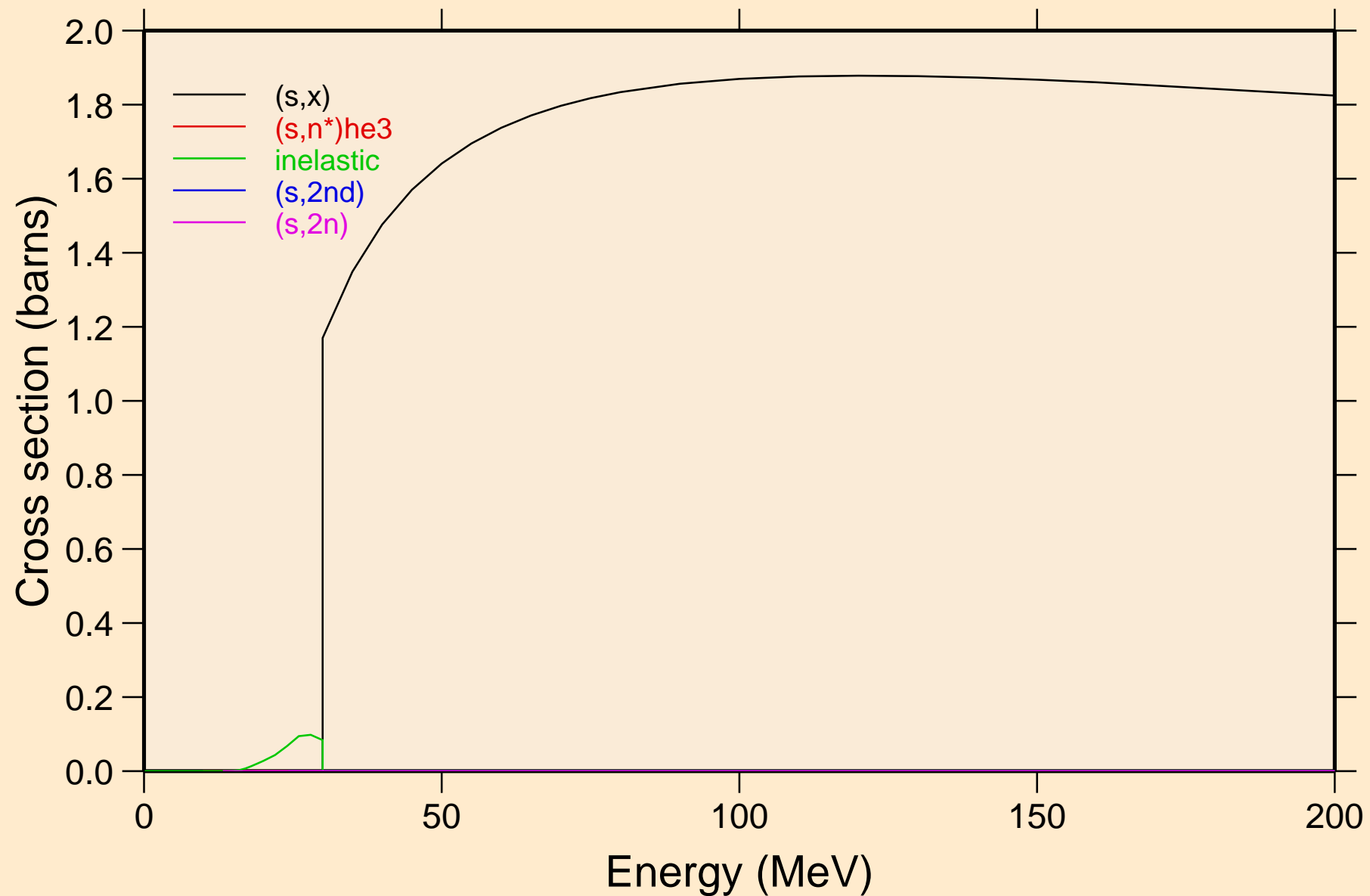
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating

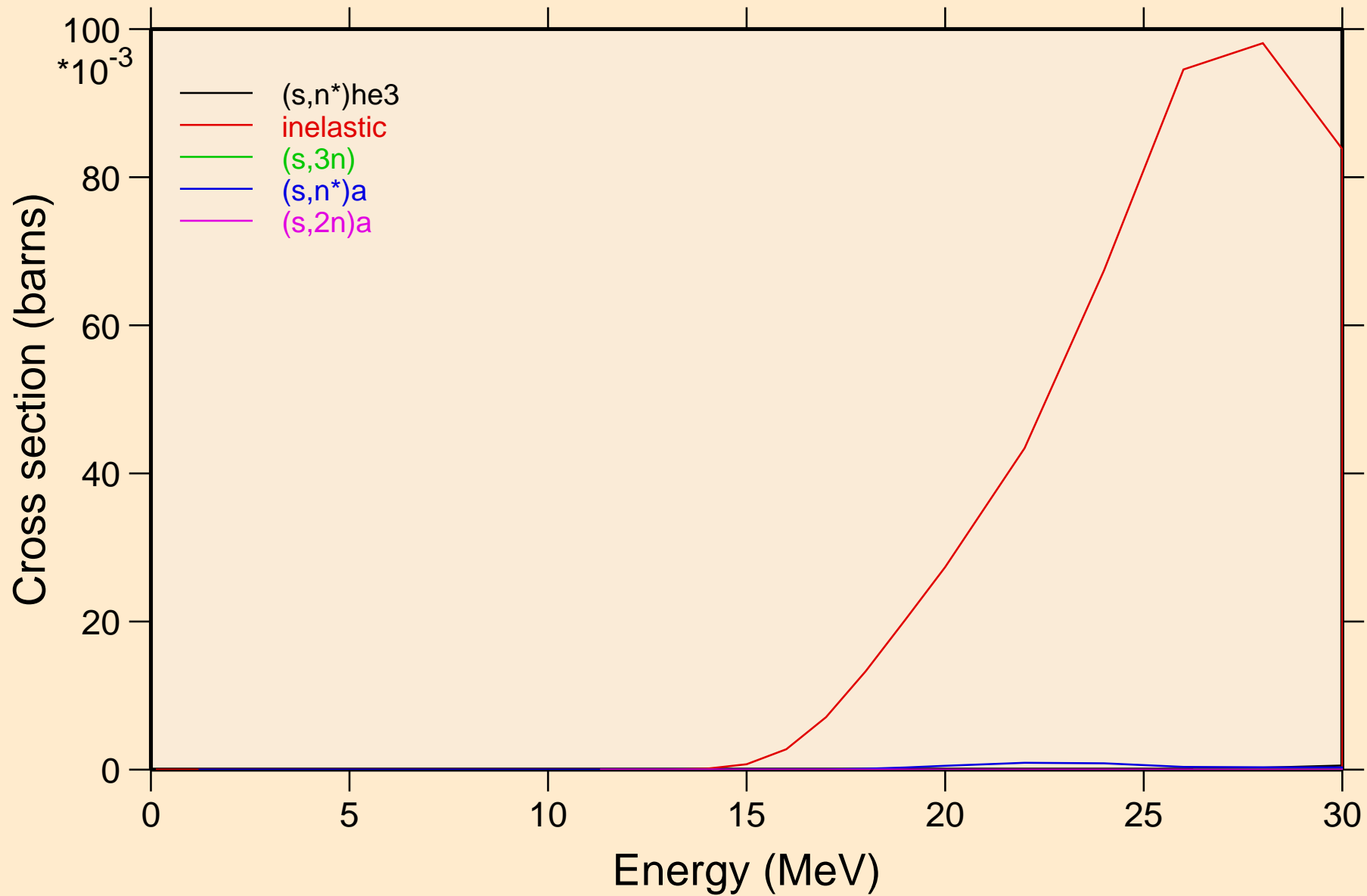


# CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K

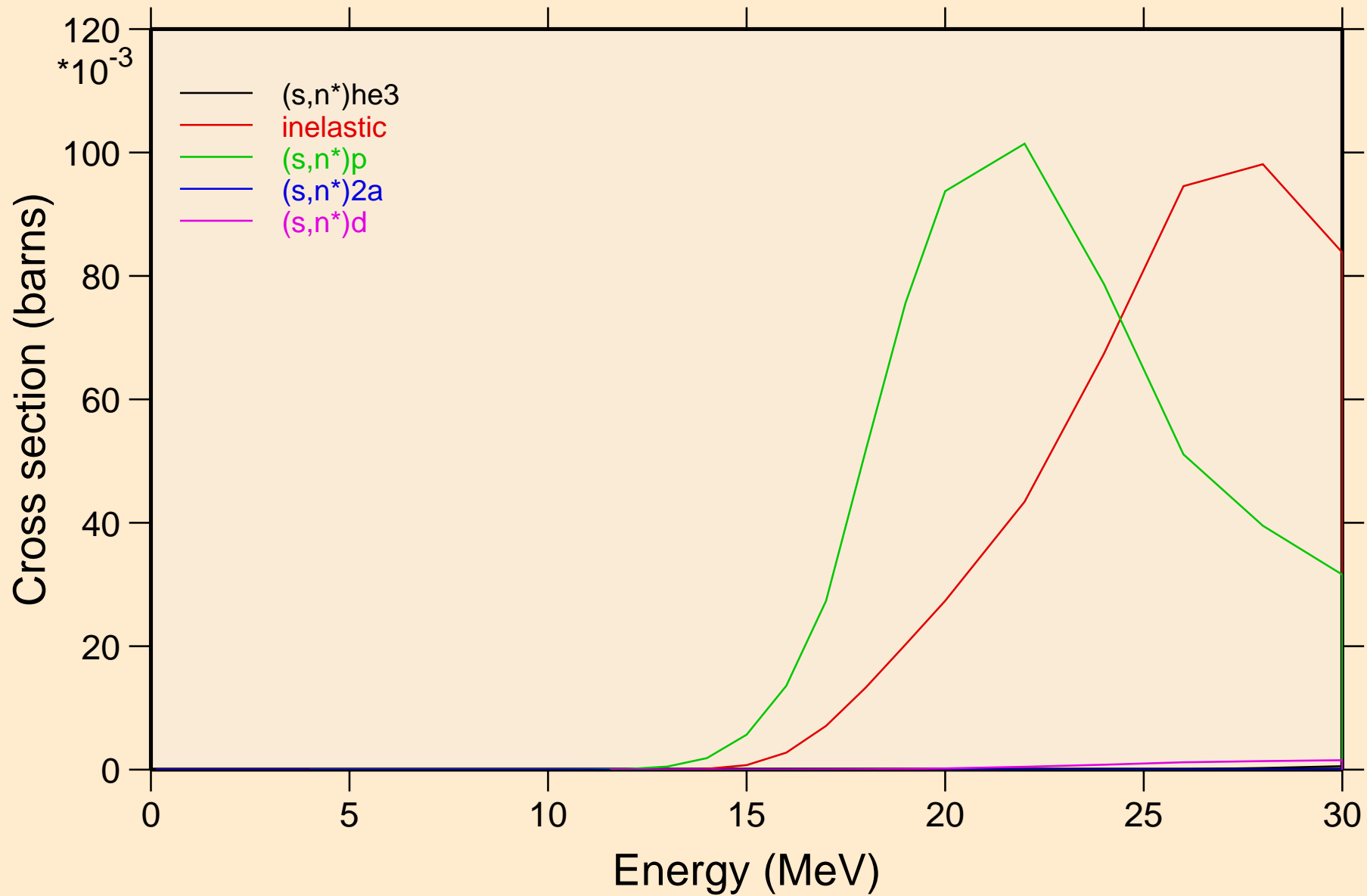
## Threshold reactions



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

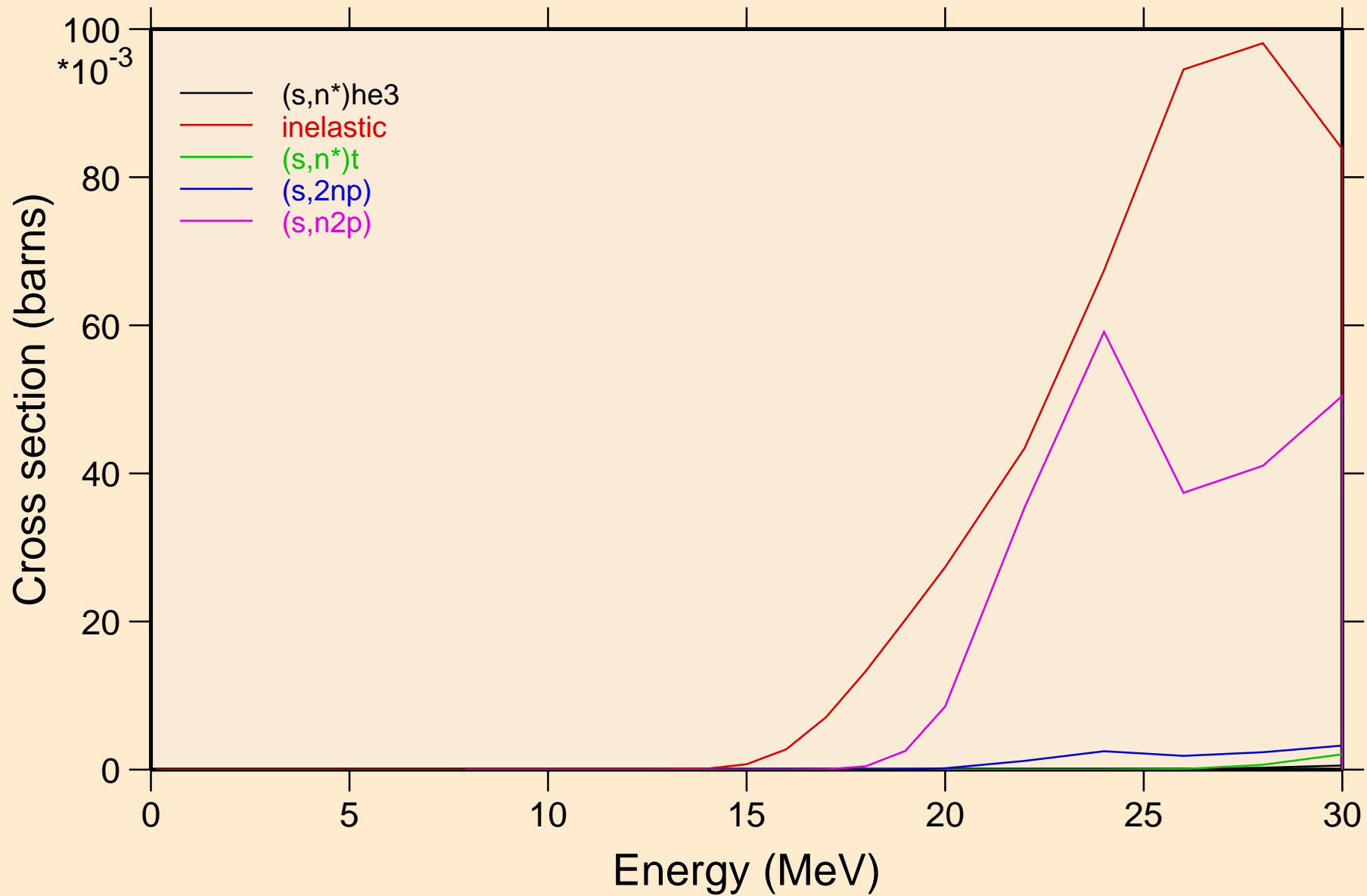


CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



# CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K

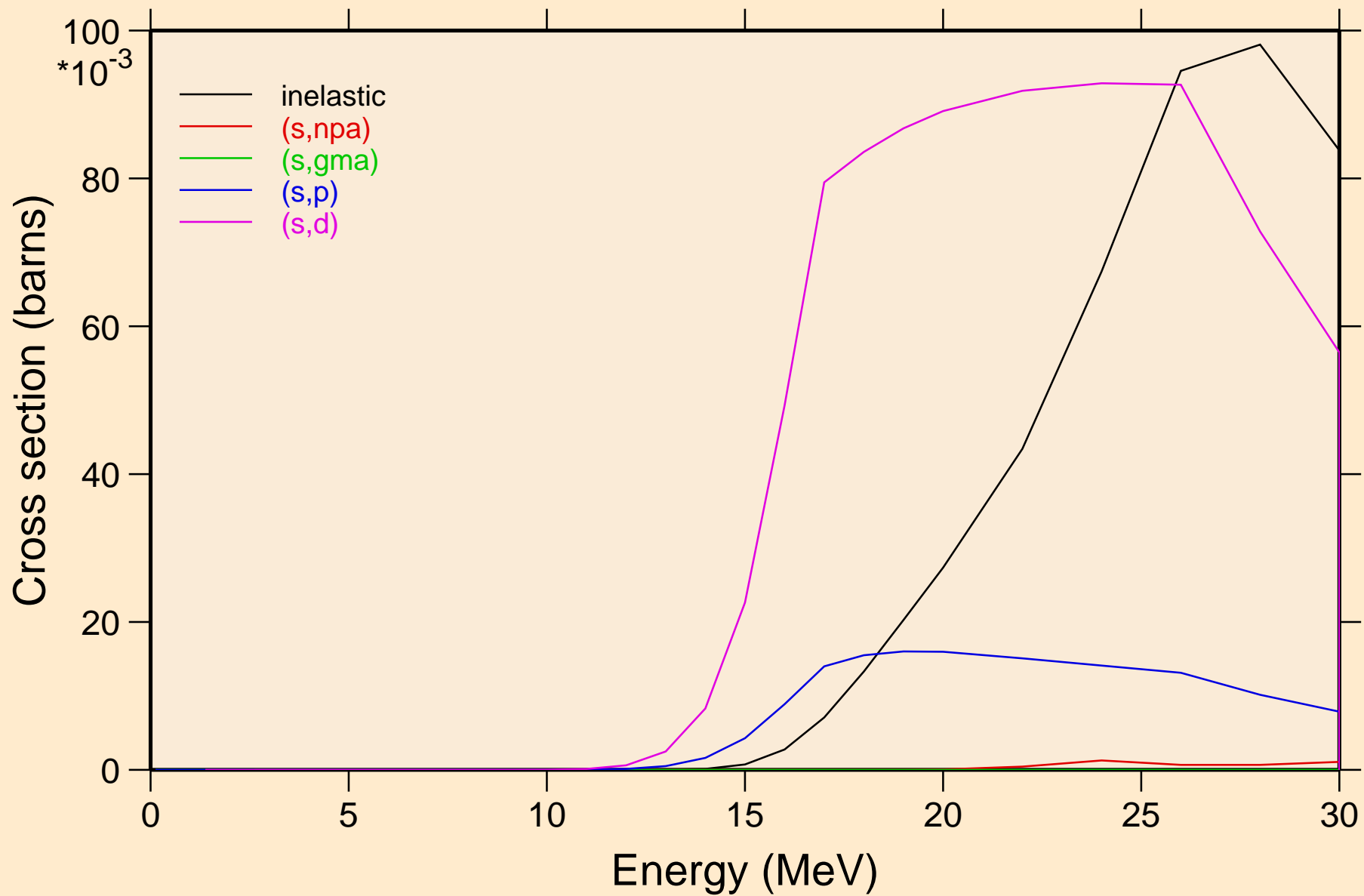
## Threshold reactions





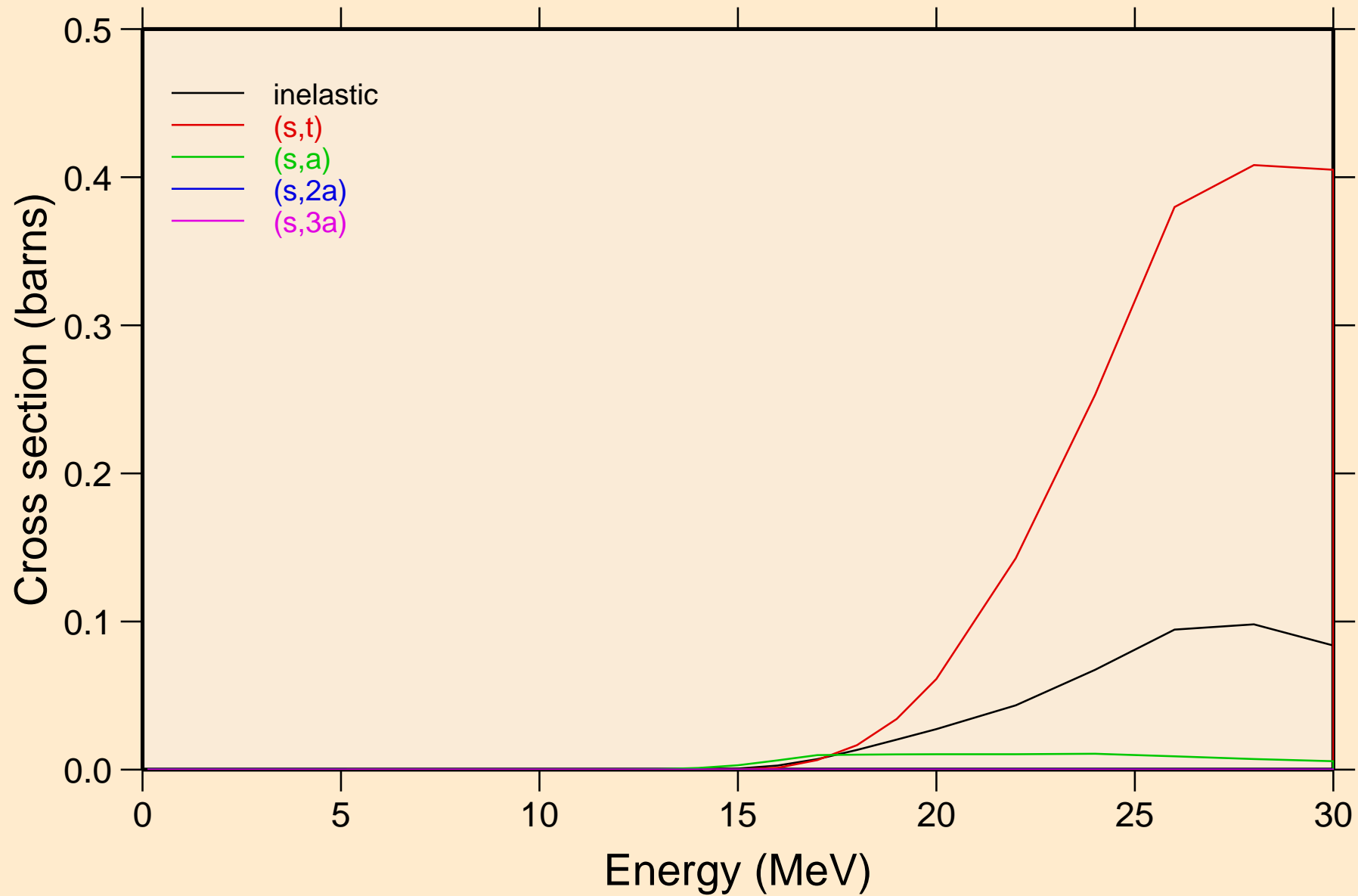
# CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

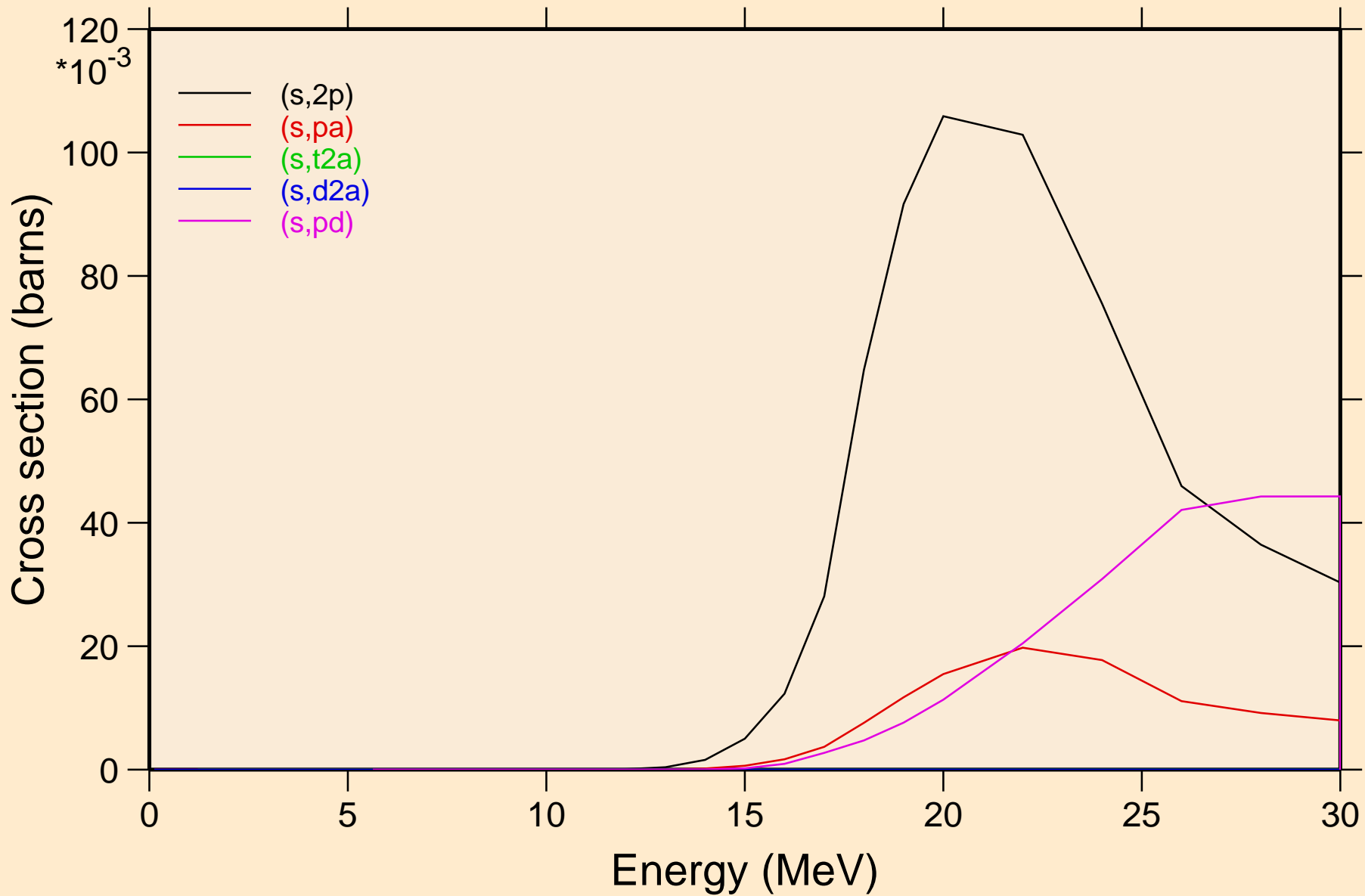


# CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K

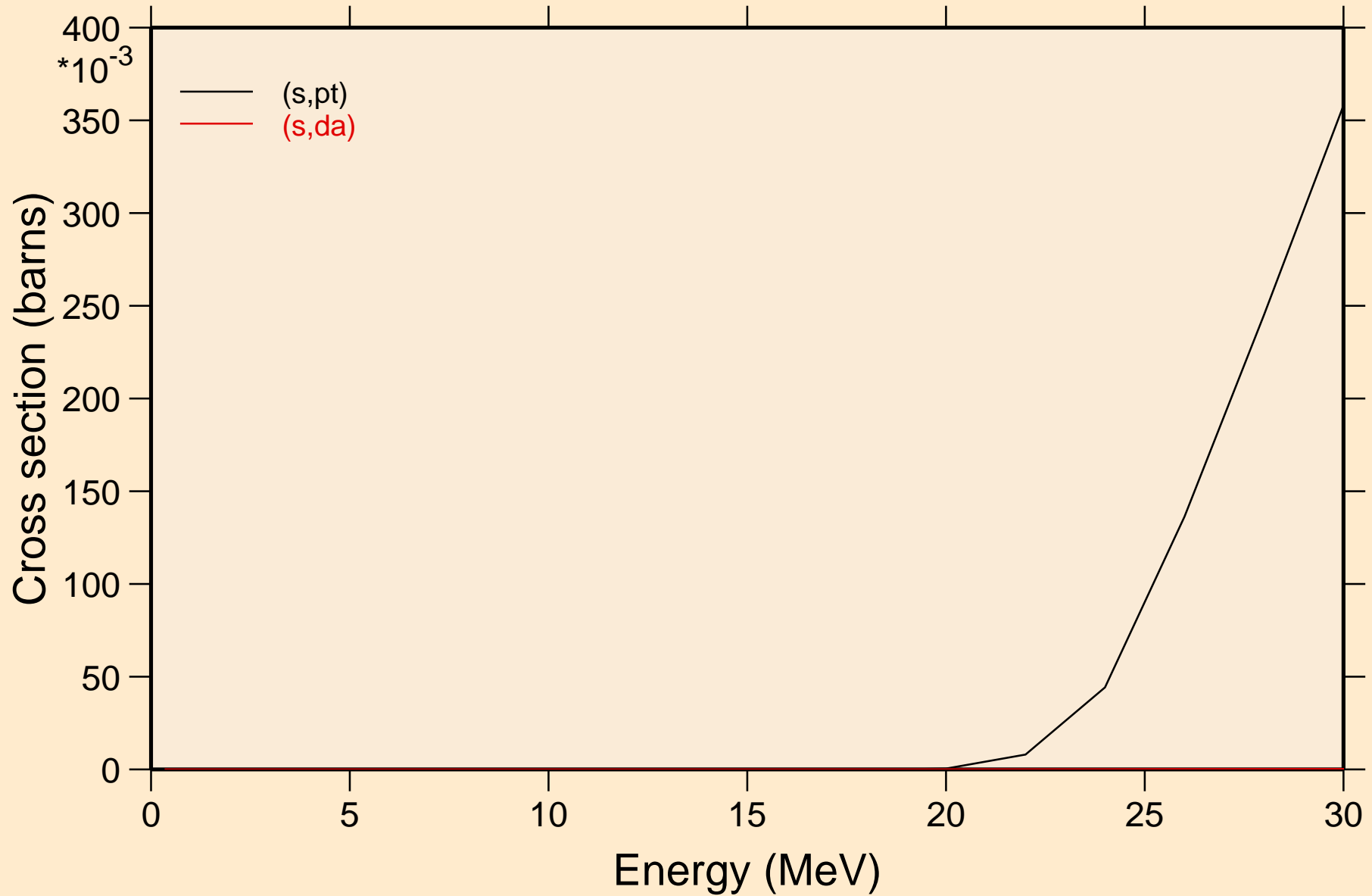
## Threshold reactions



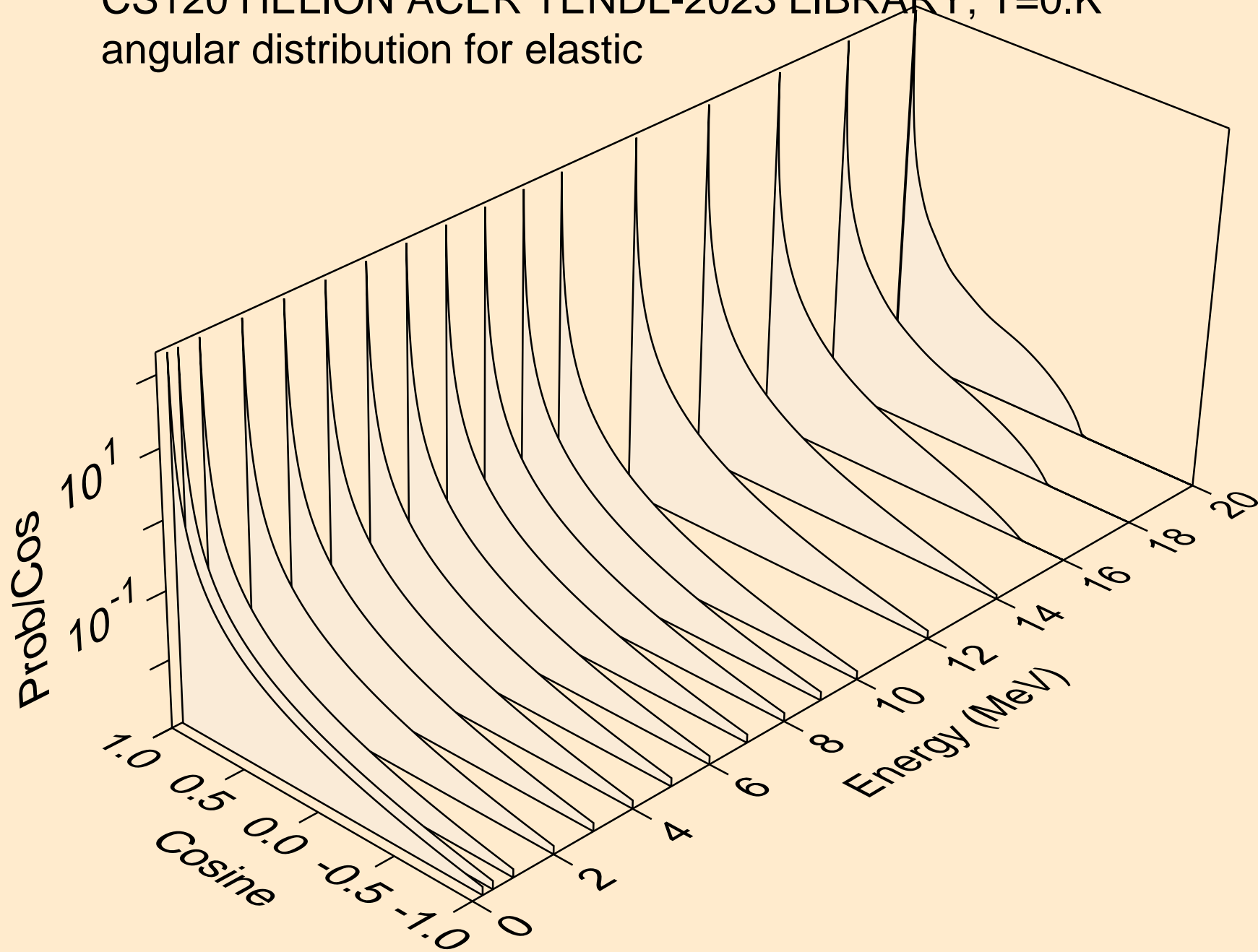
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



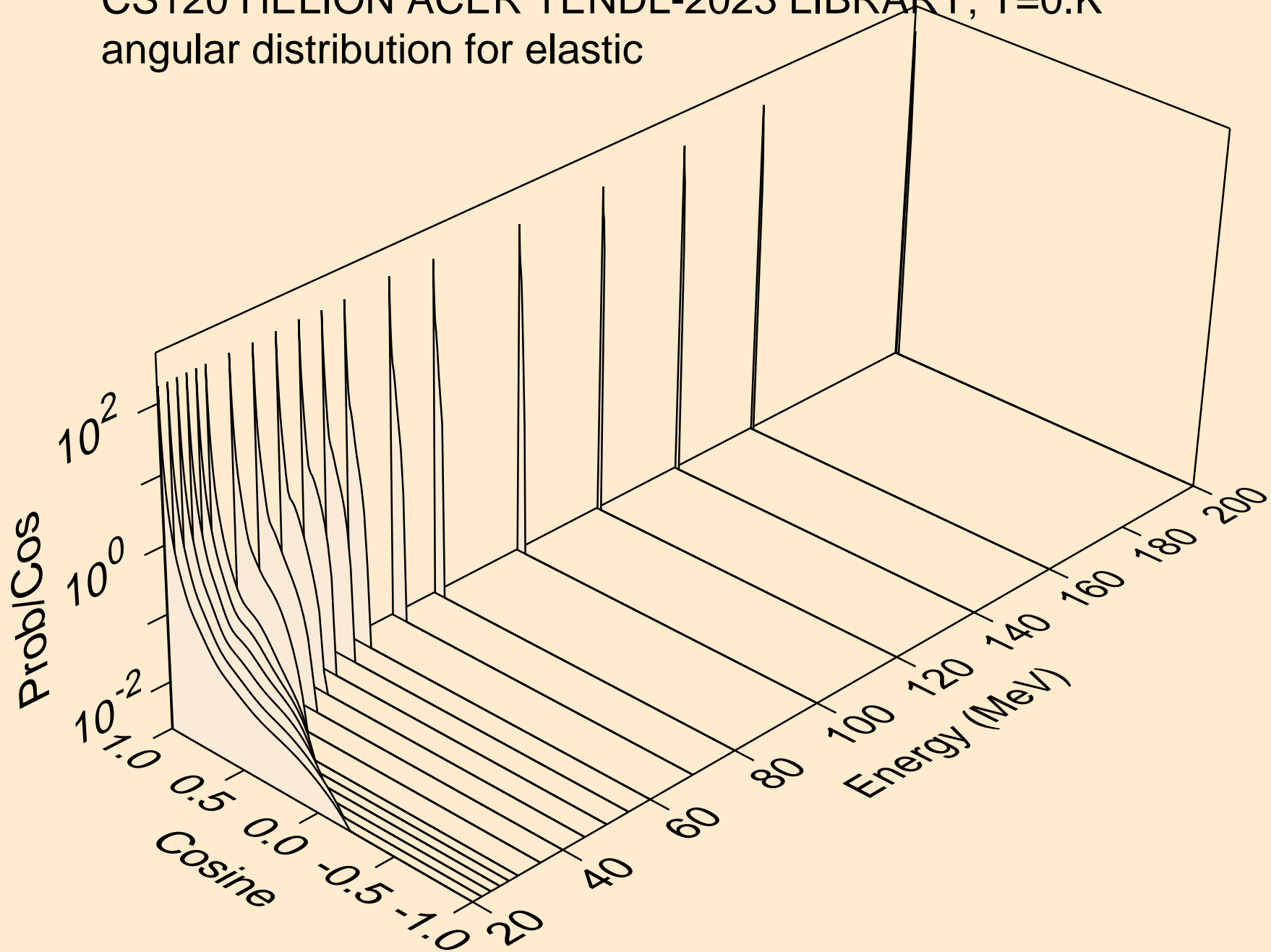
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



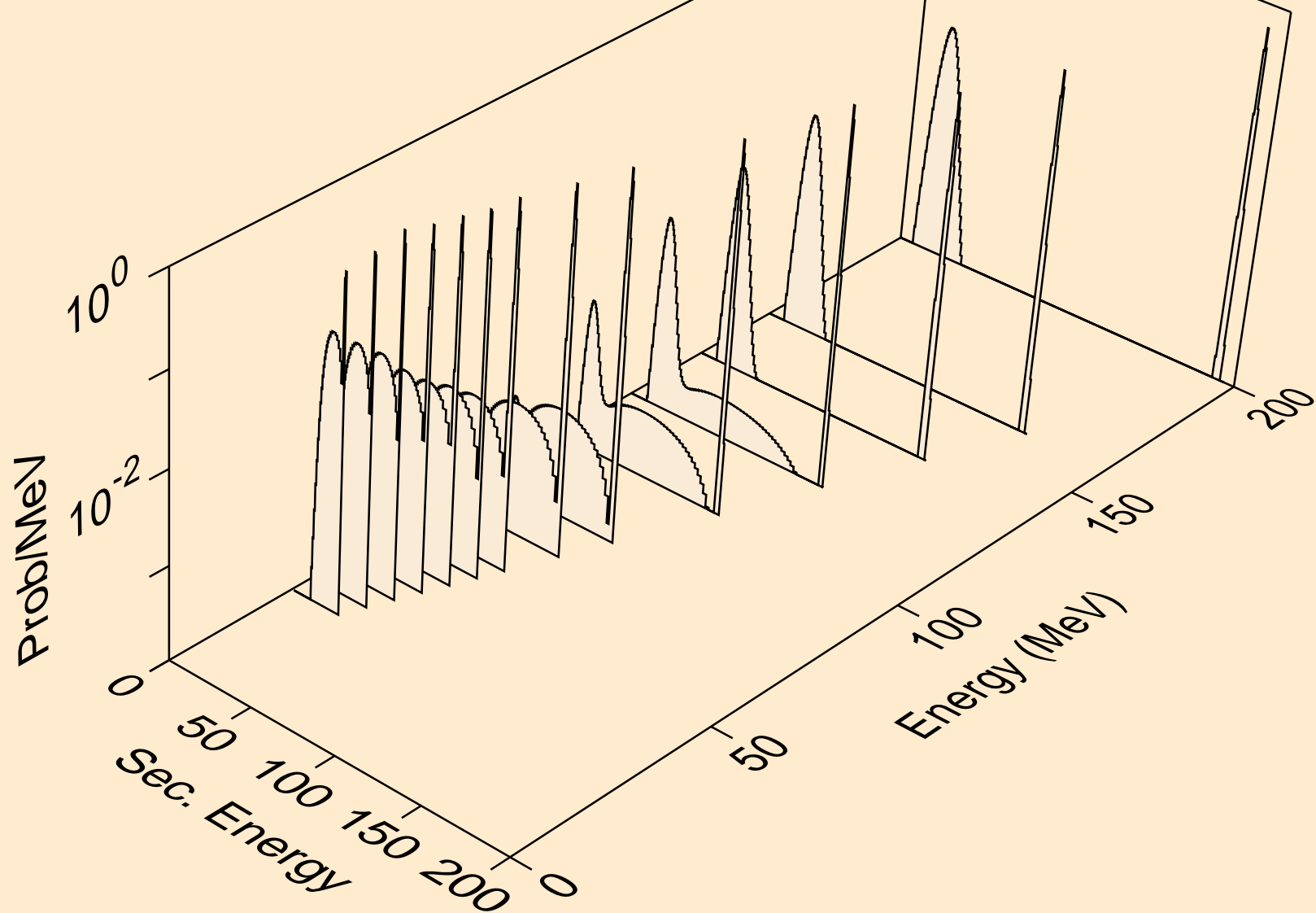
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



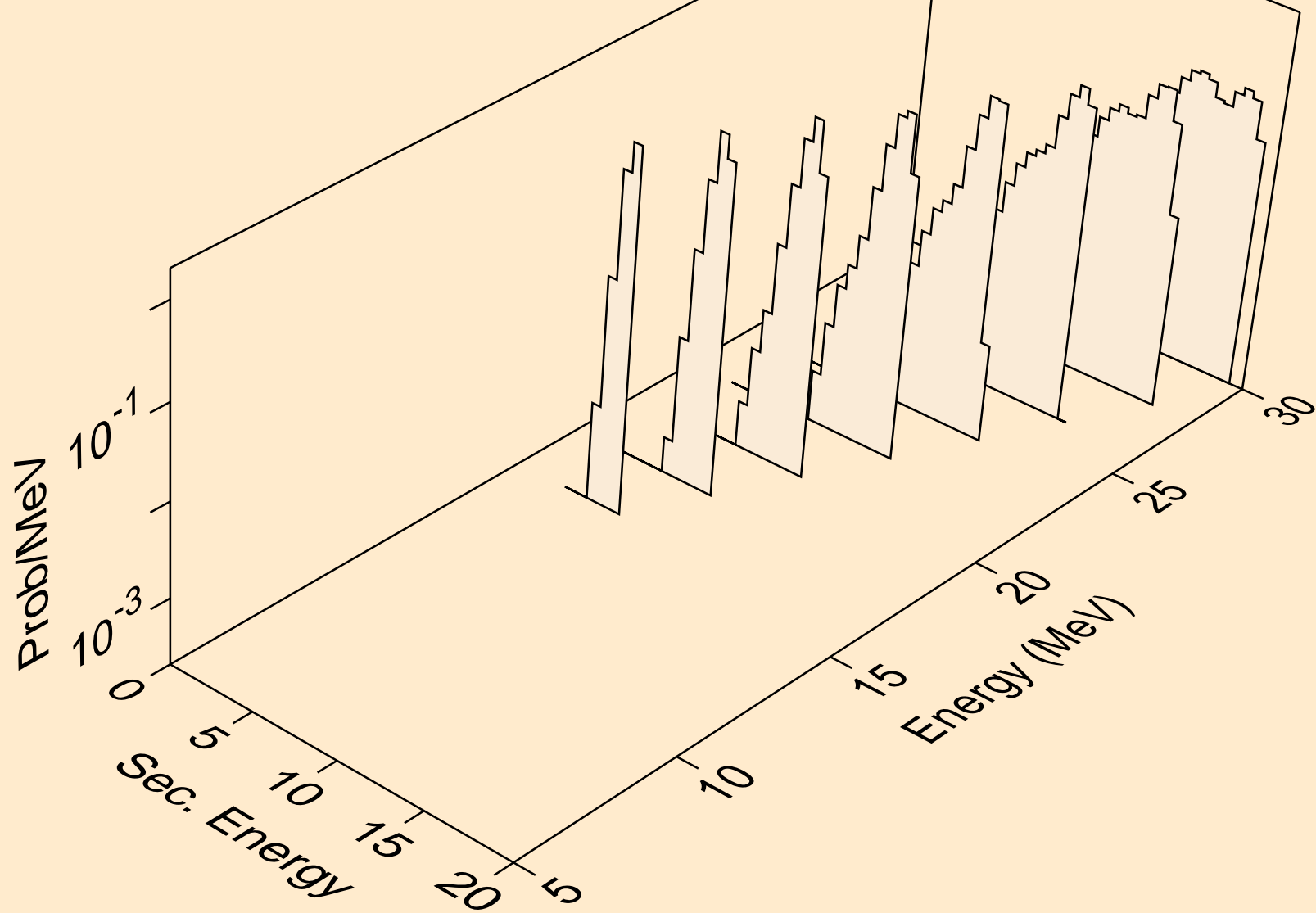
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

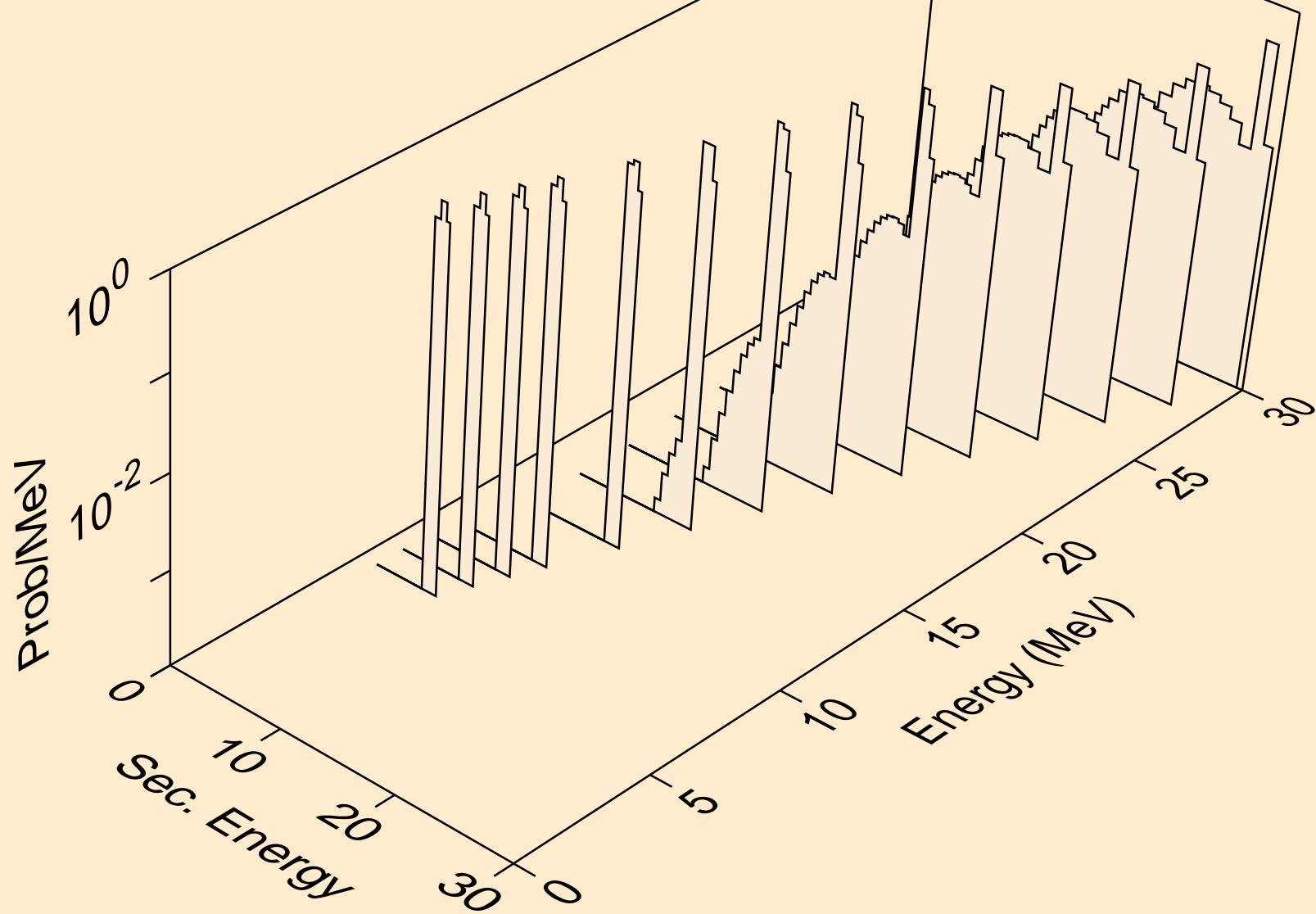


CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

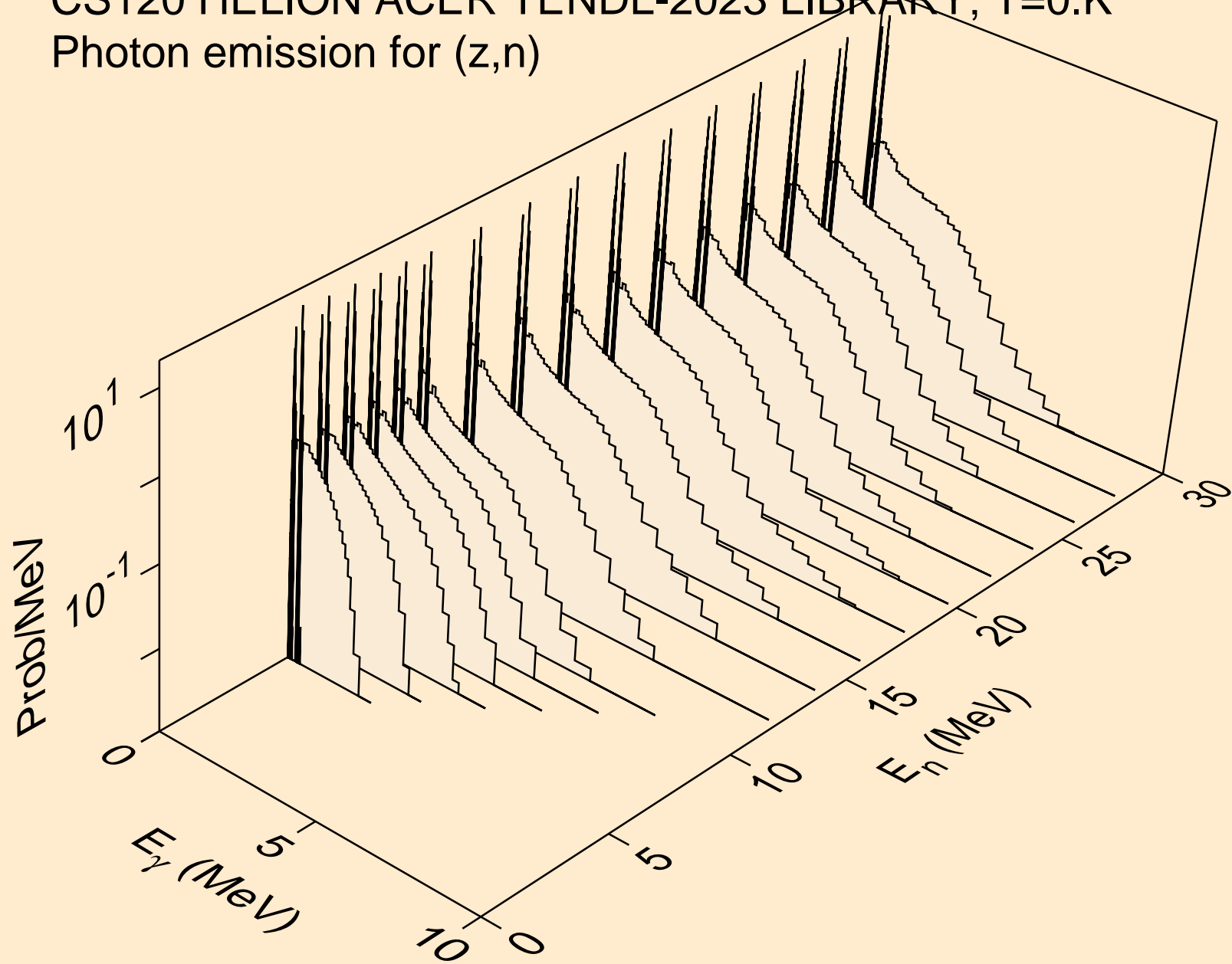




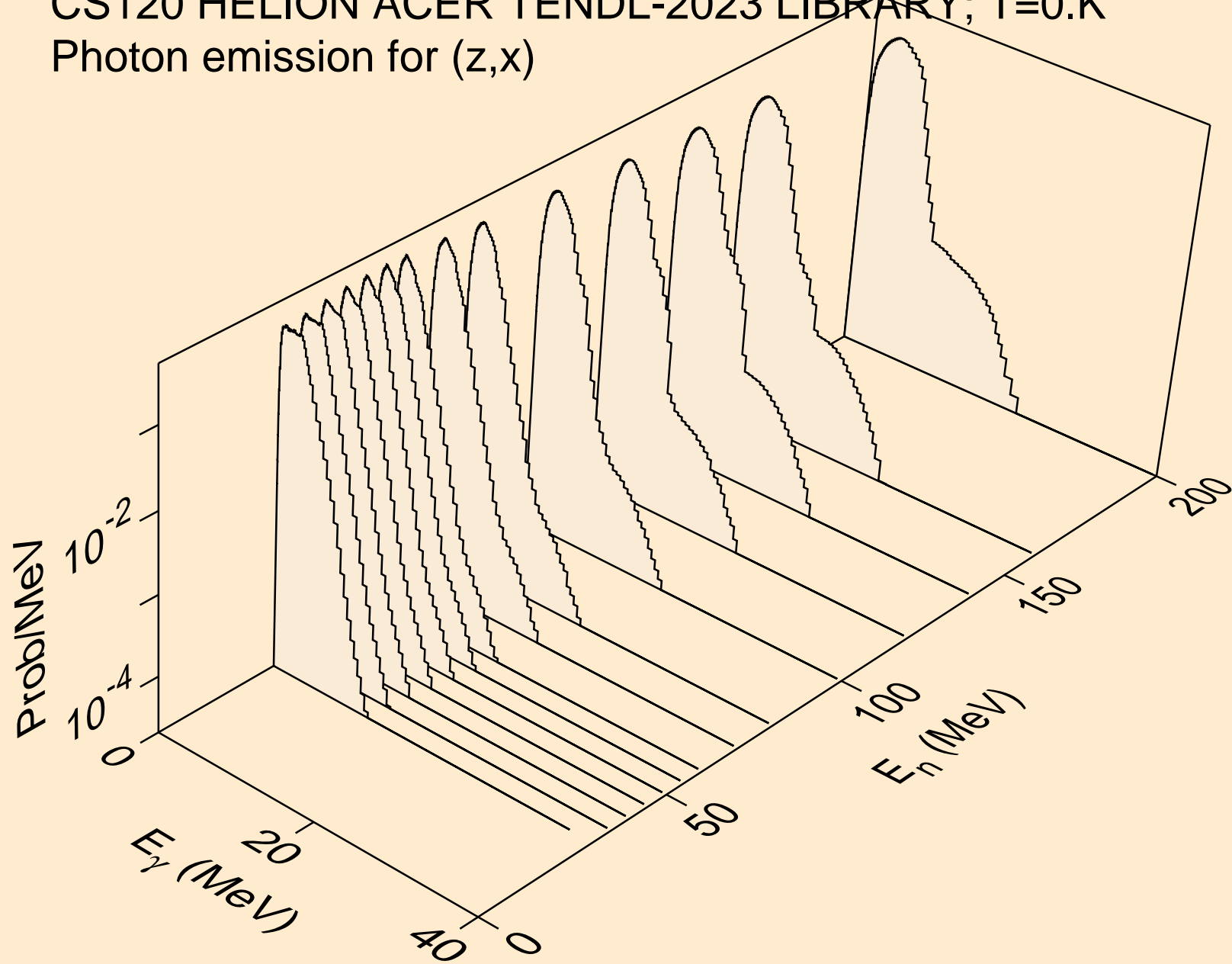
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



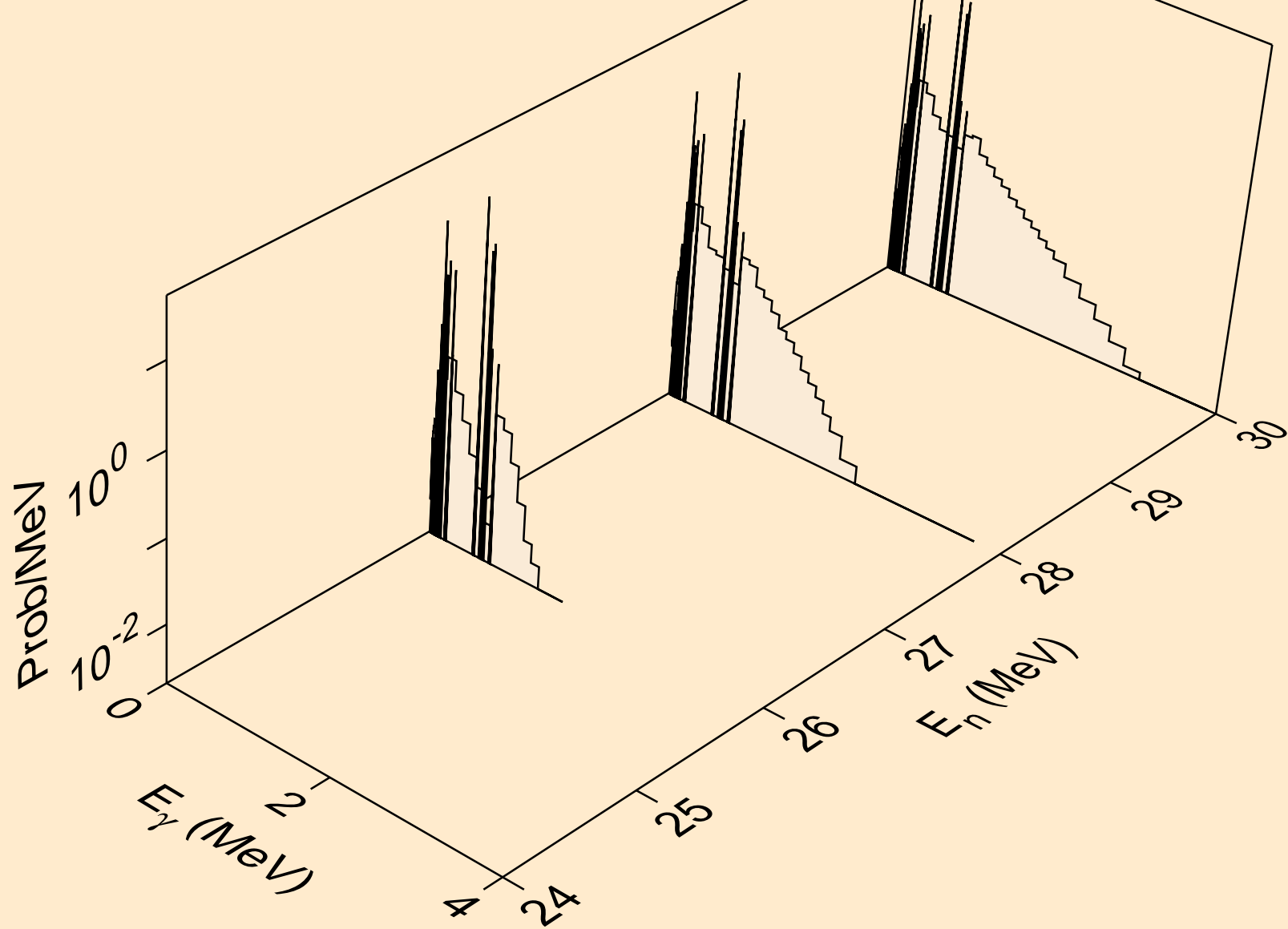
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



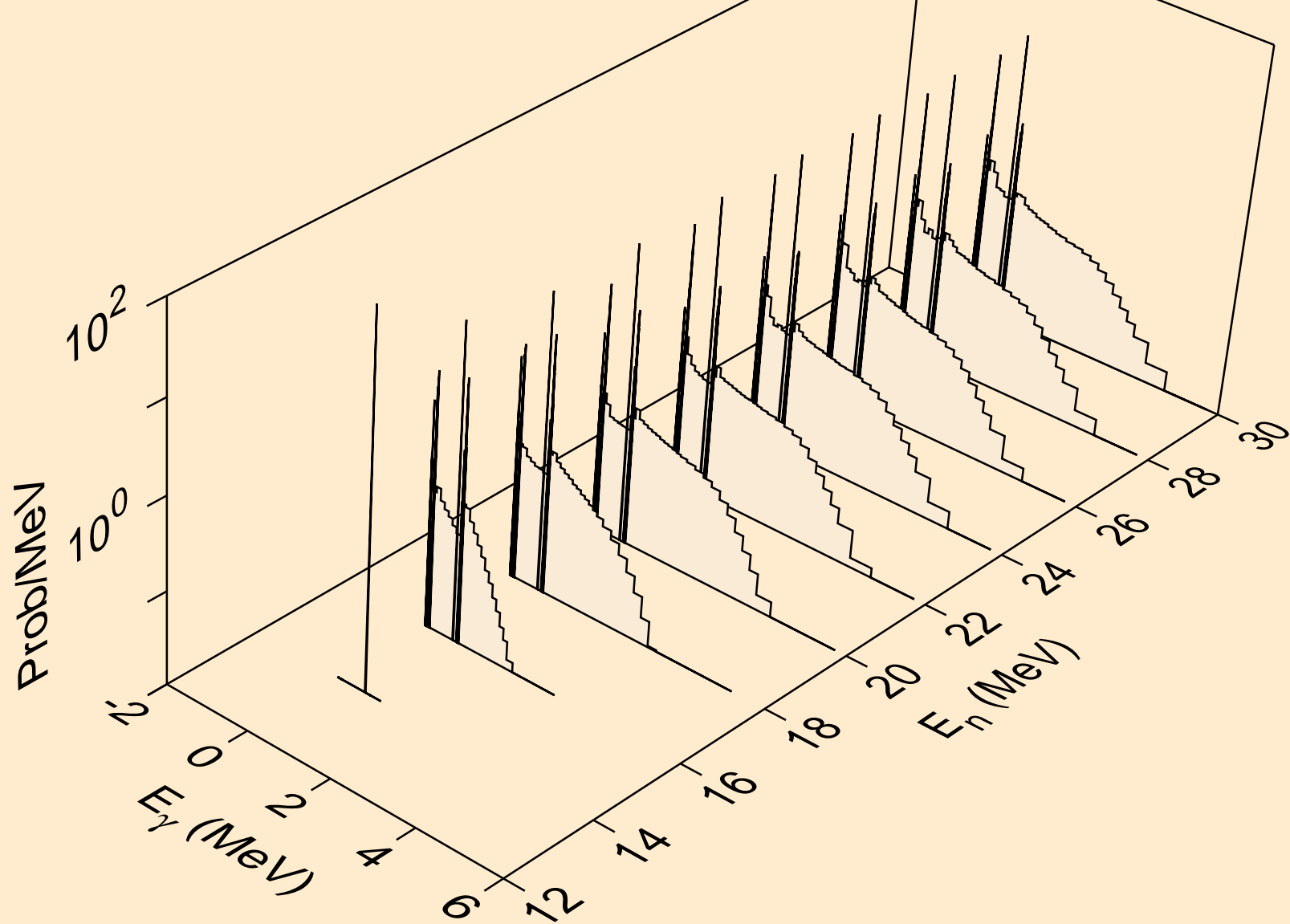
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



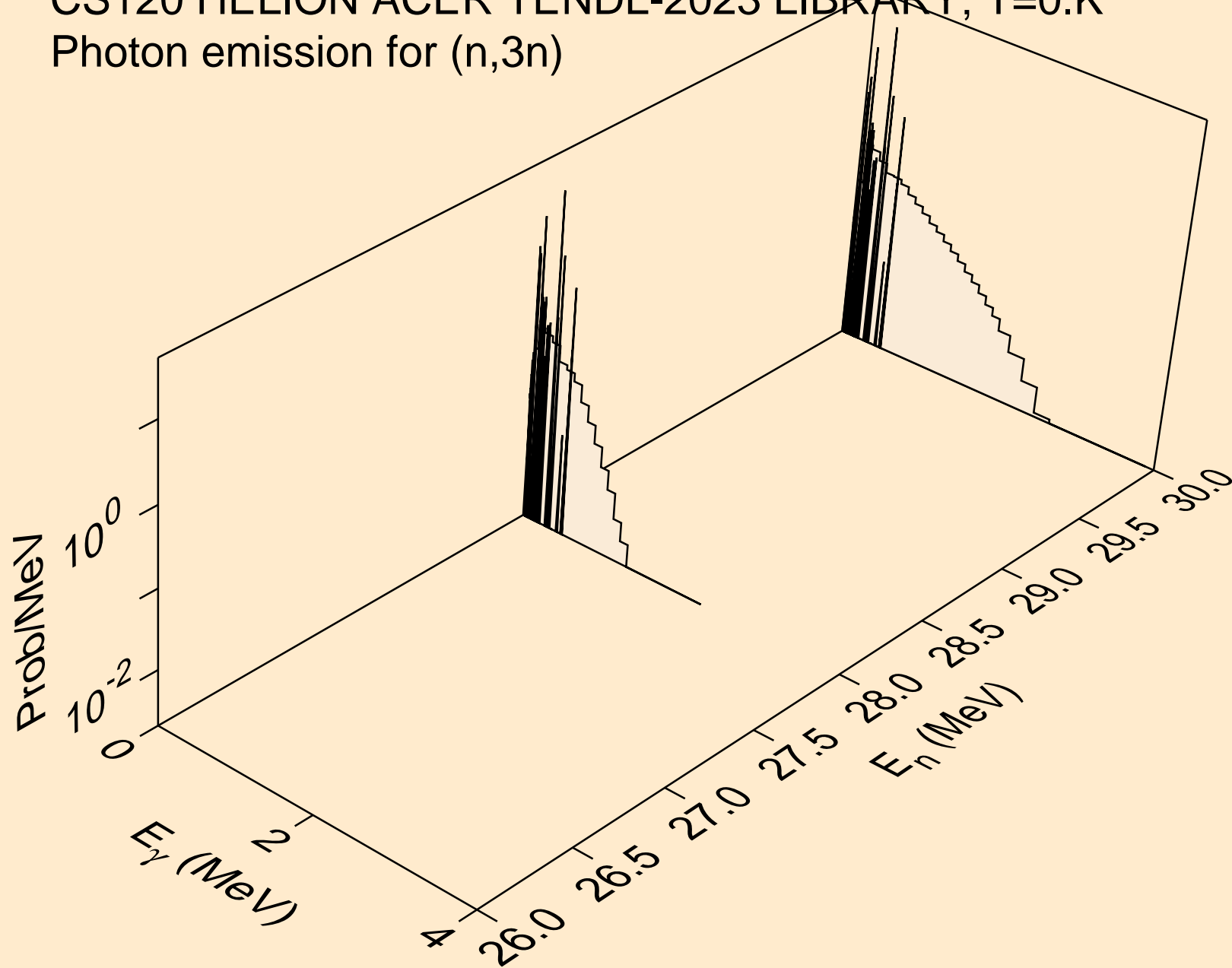
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



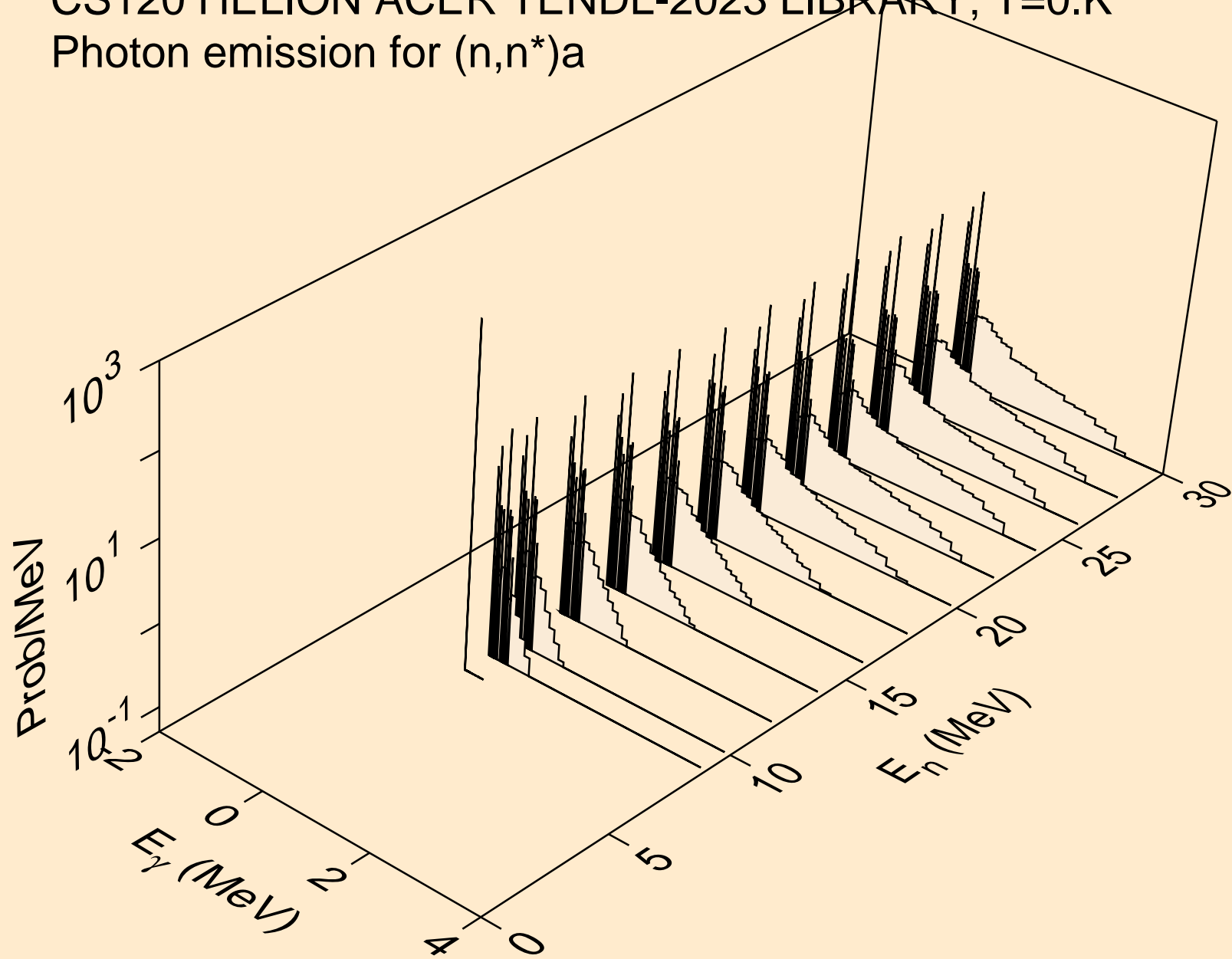
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



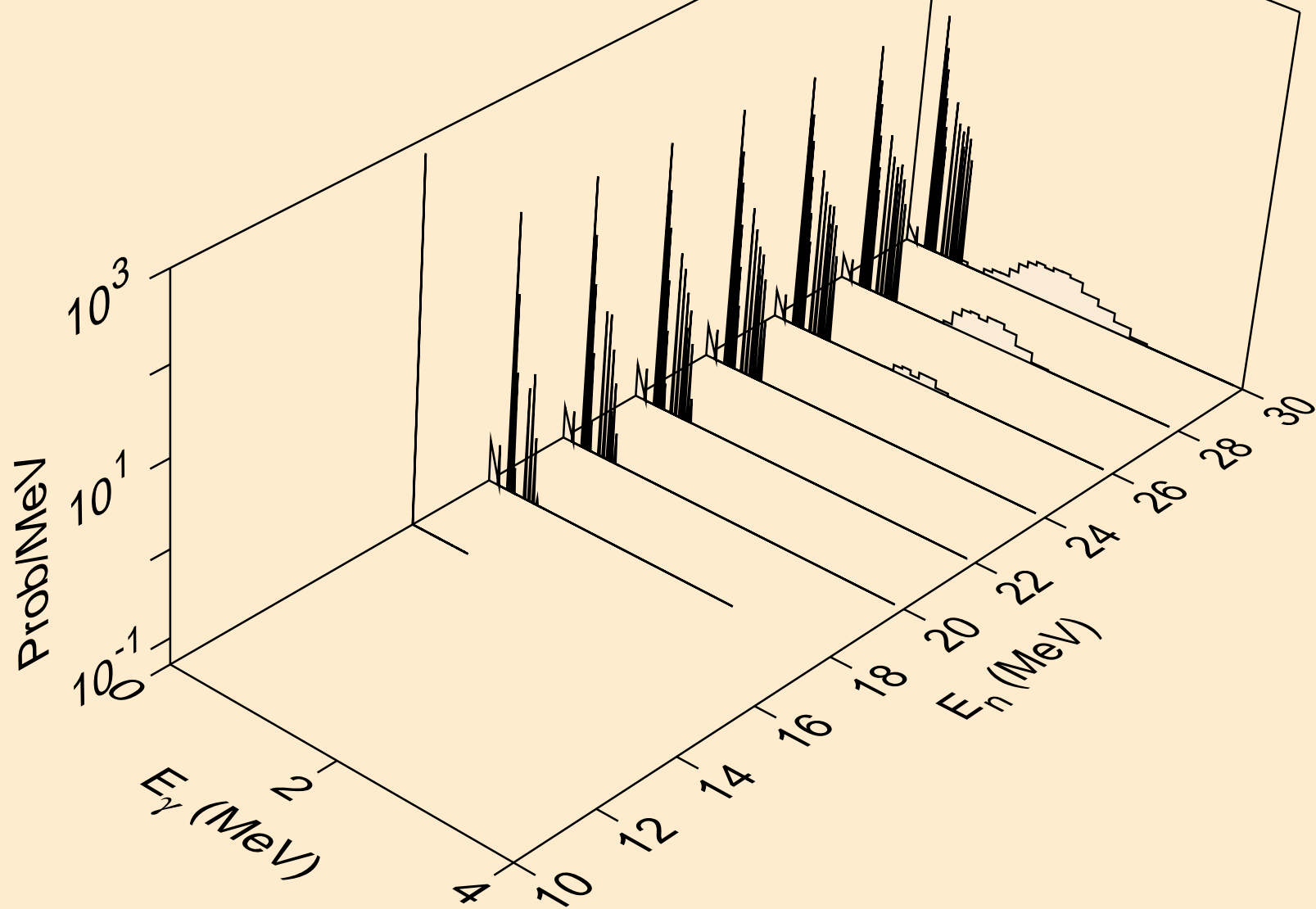
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

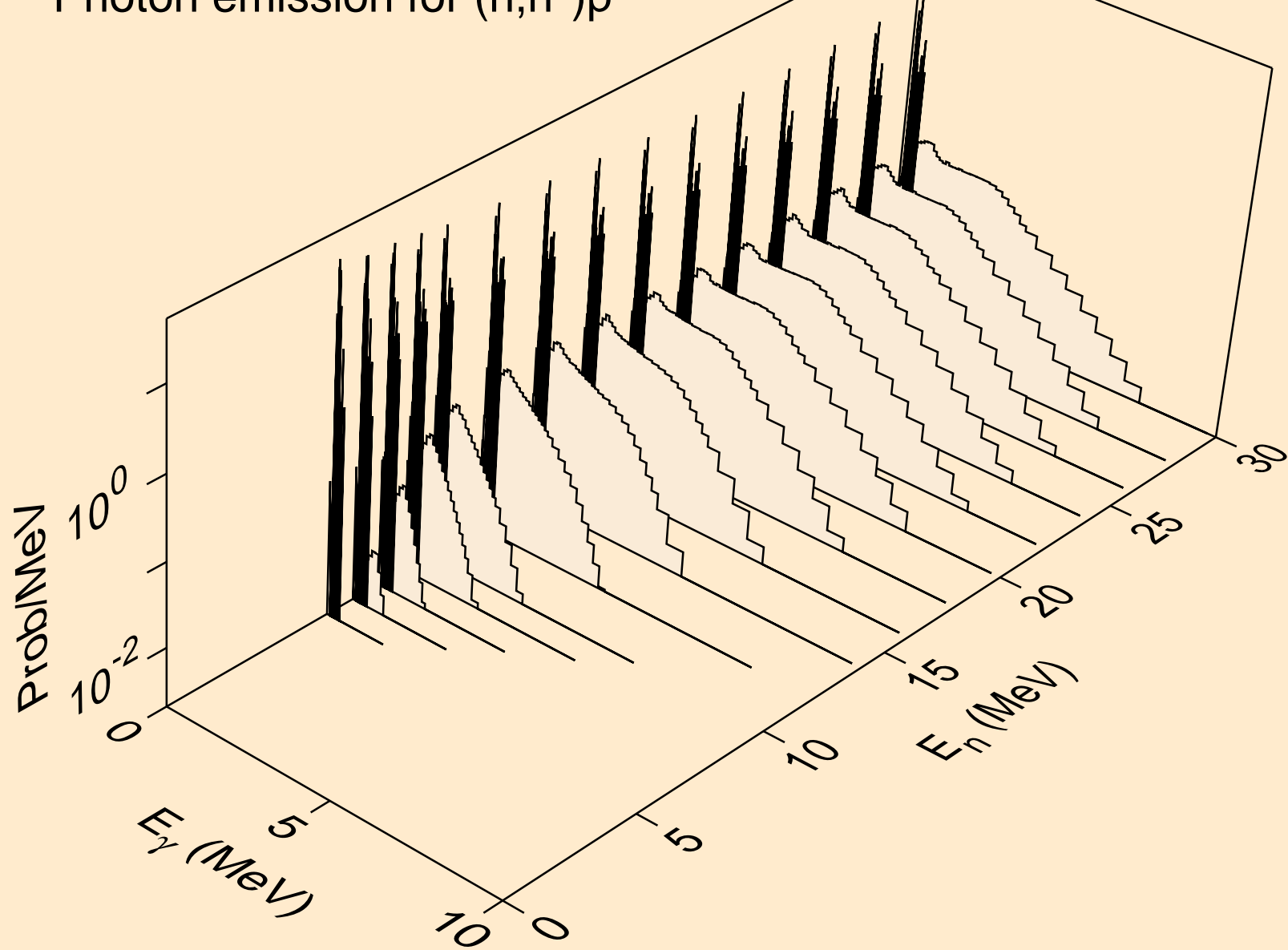


CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

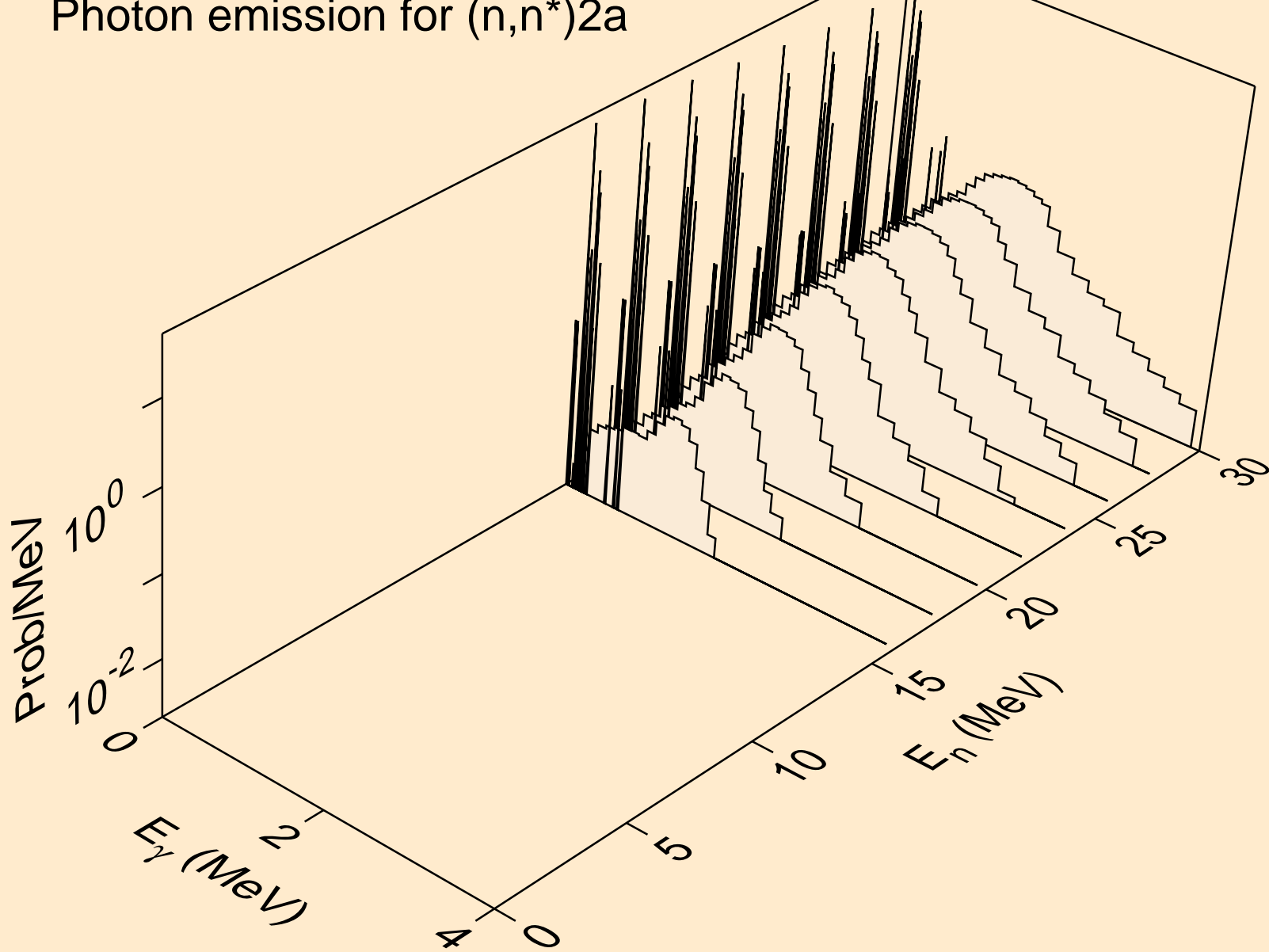




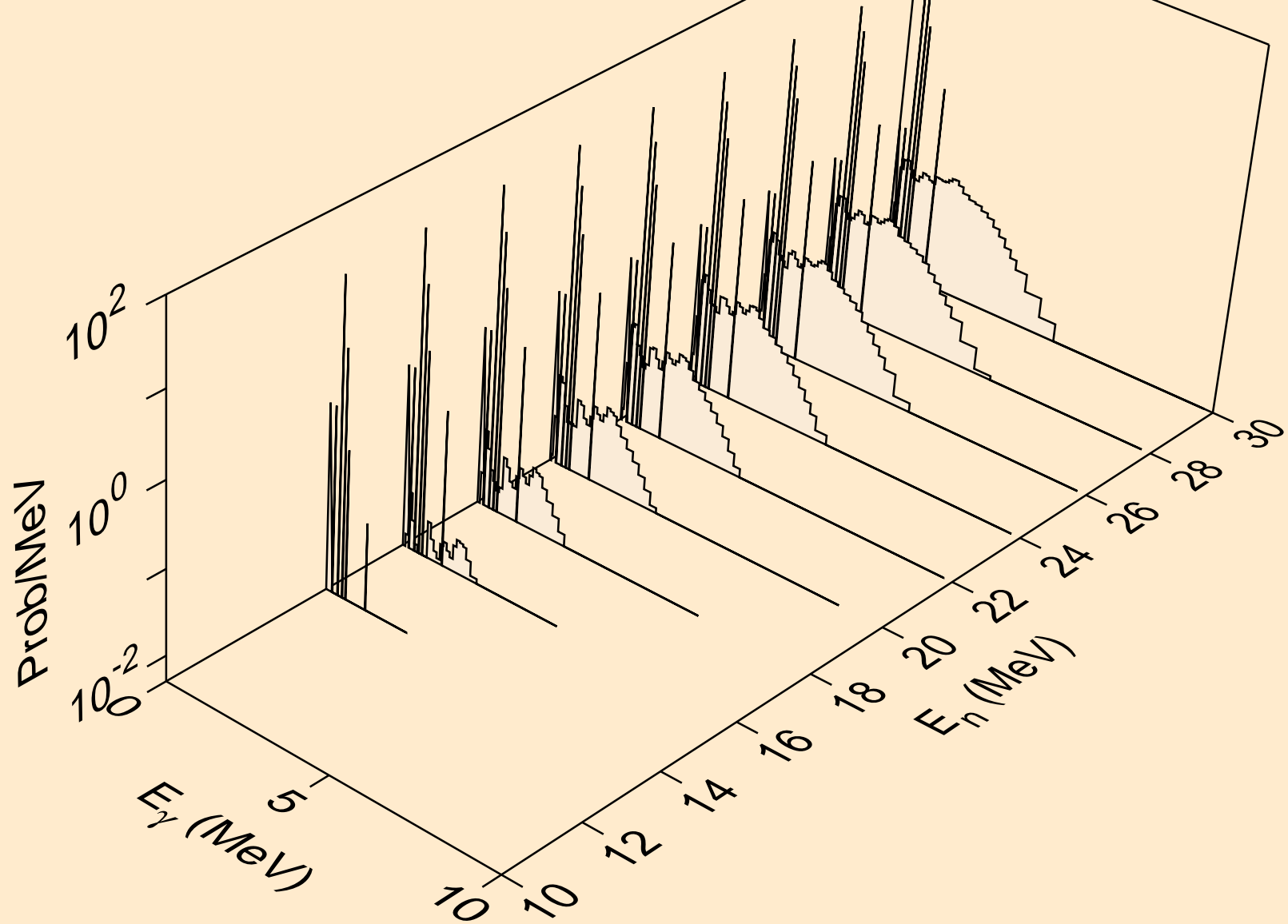
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



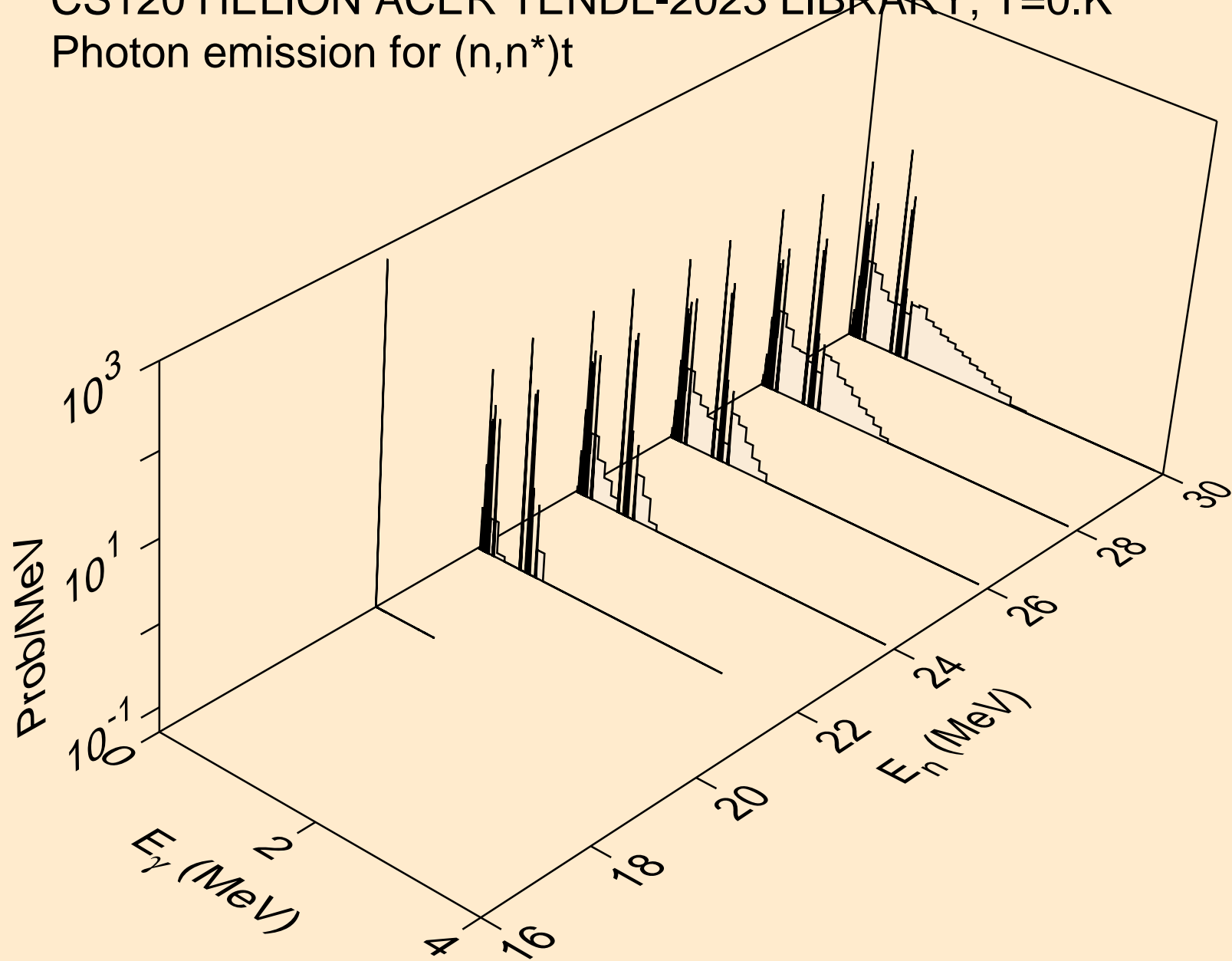
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



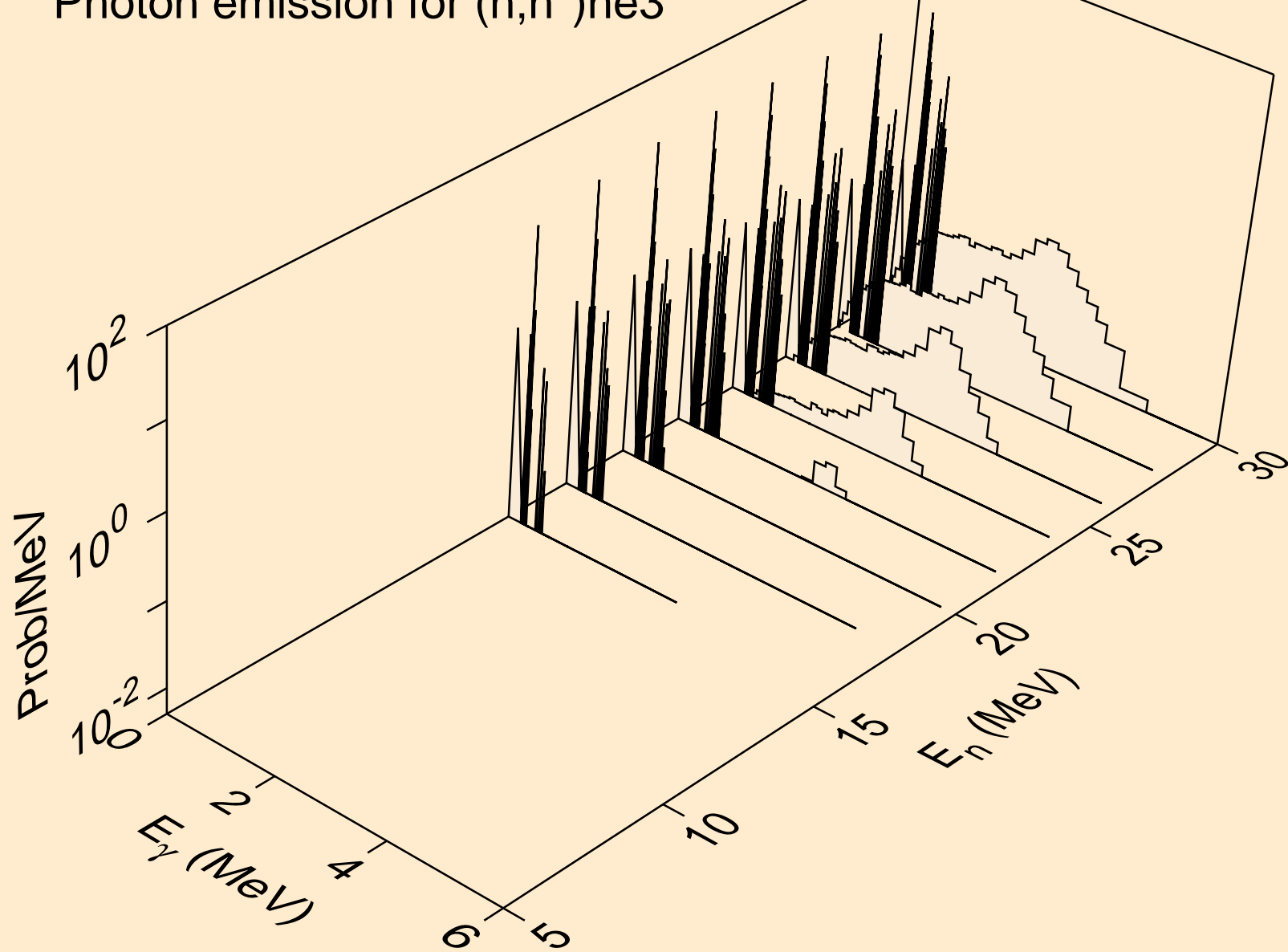
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



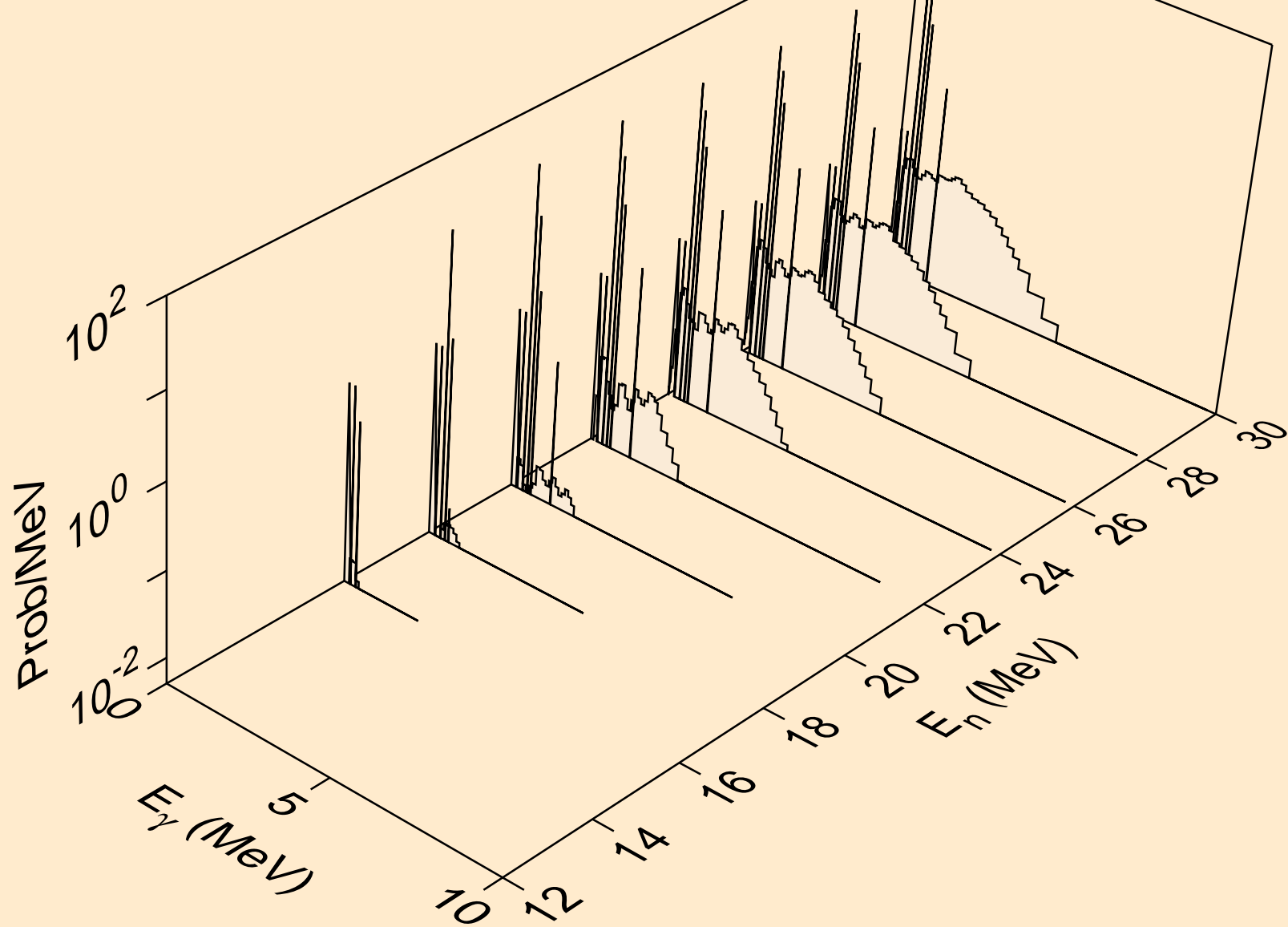
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



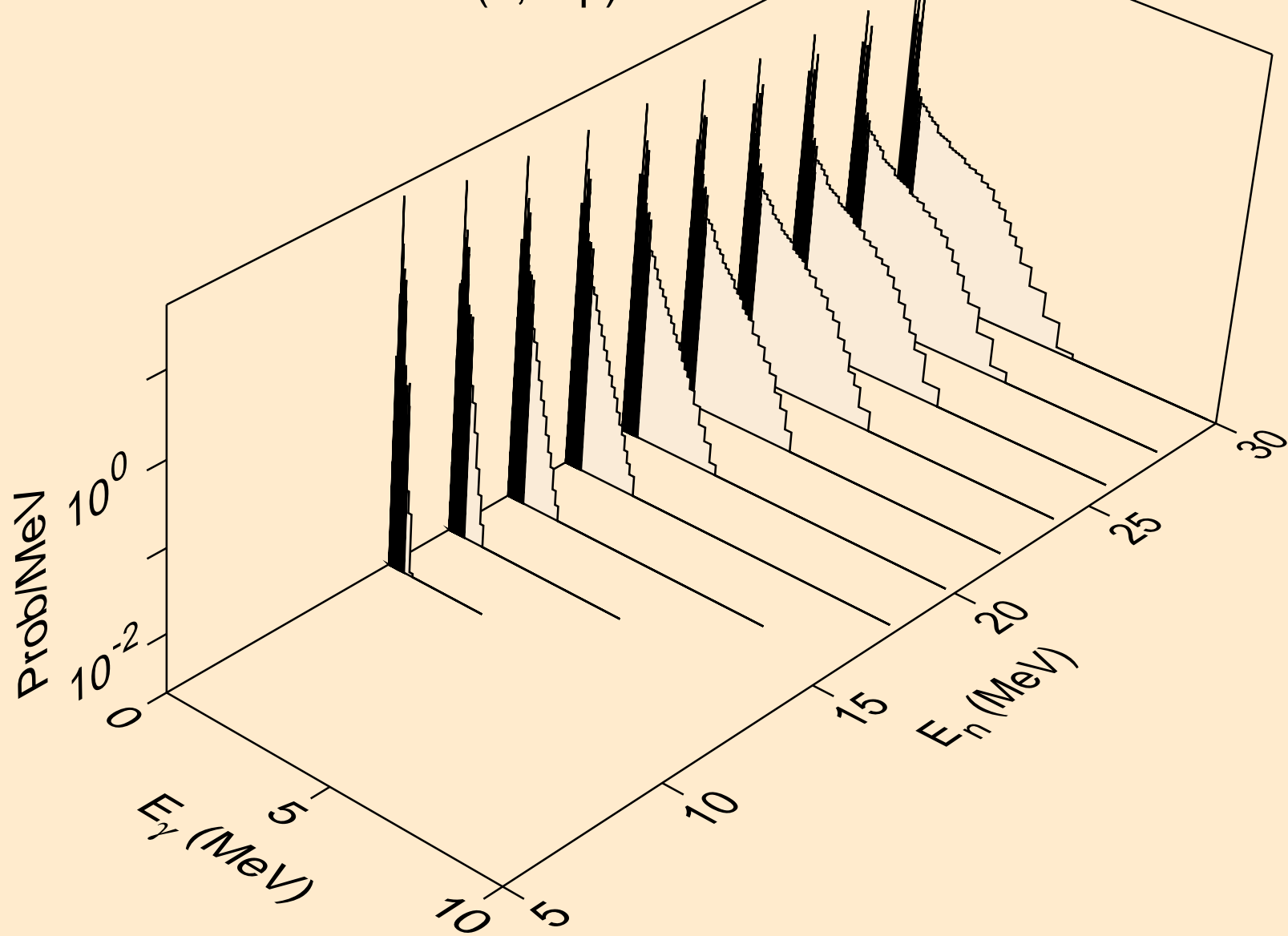
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



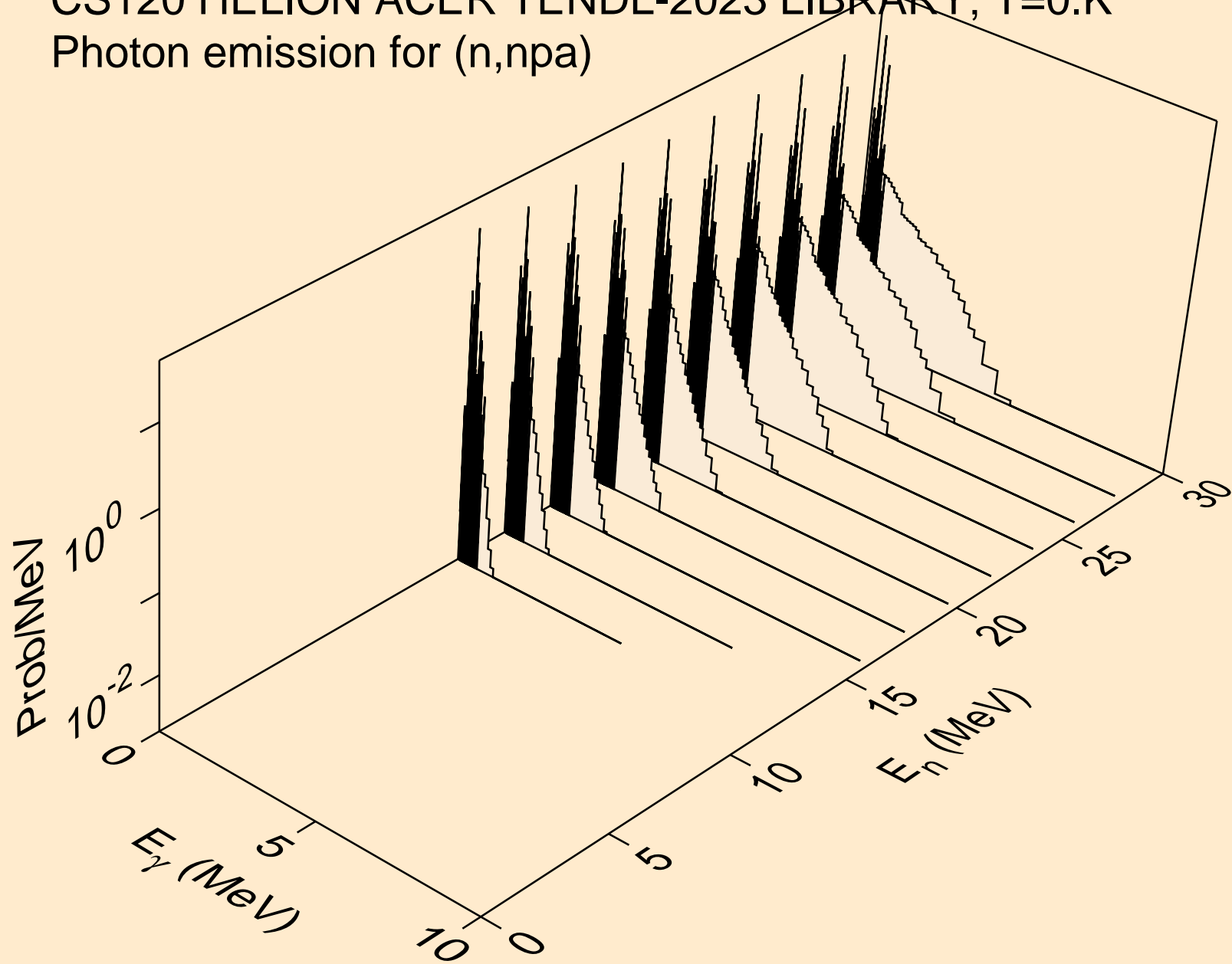
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

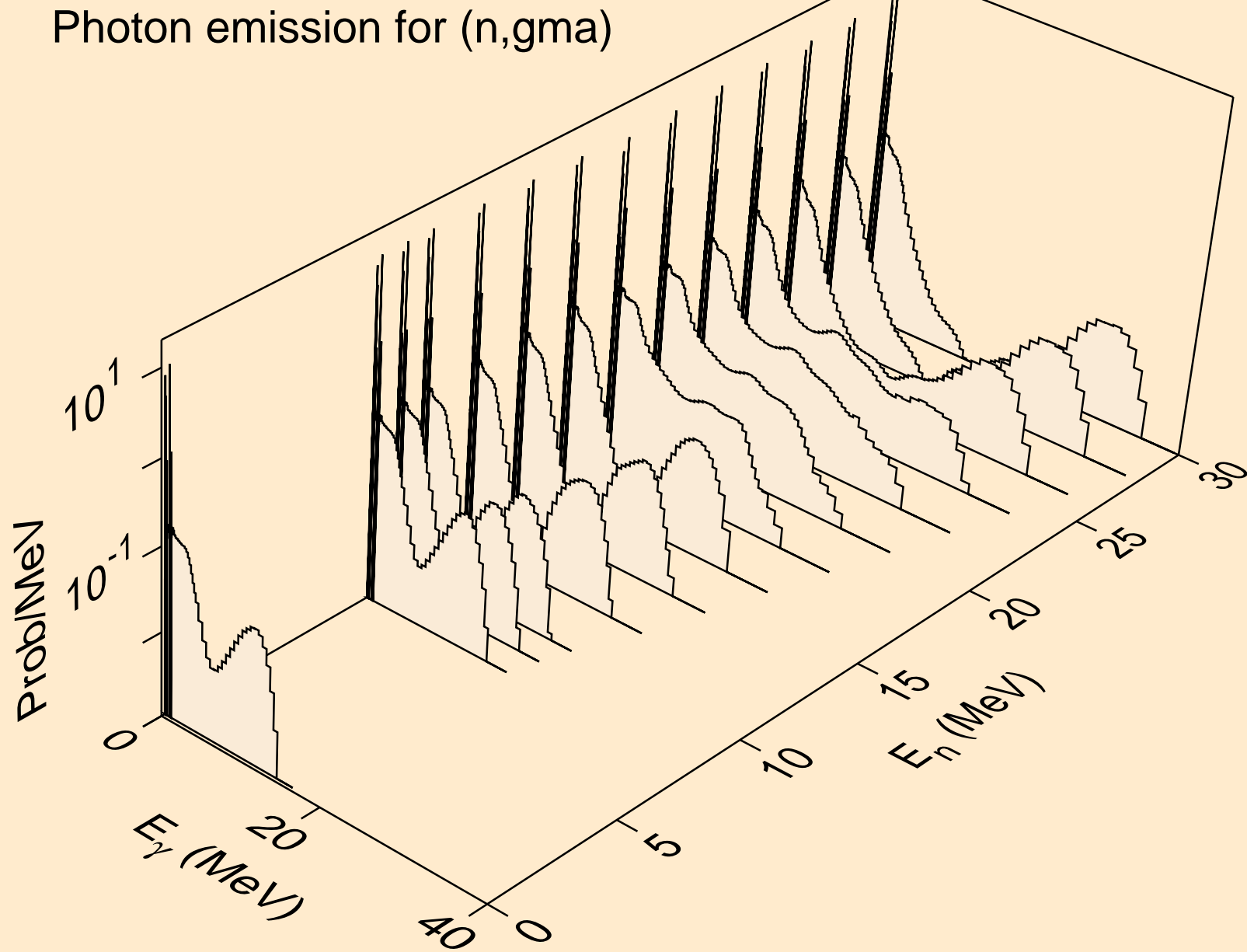


CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

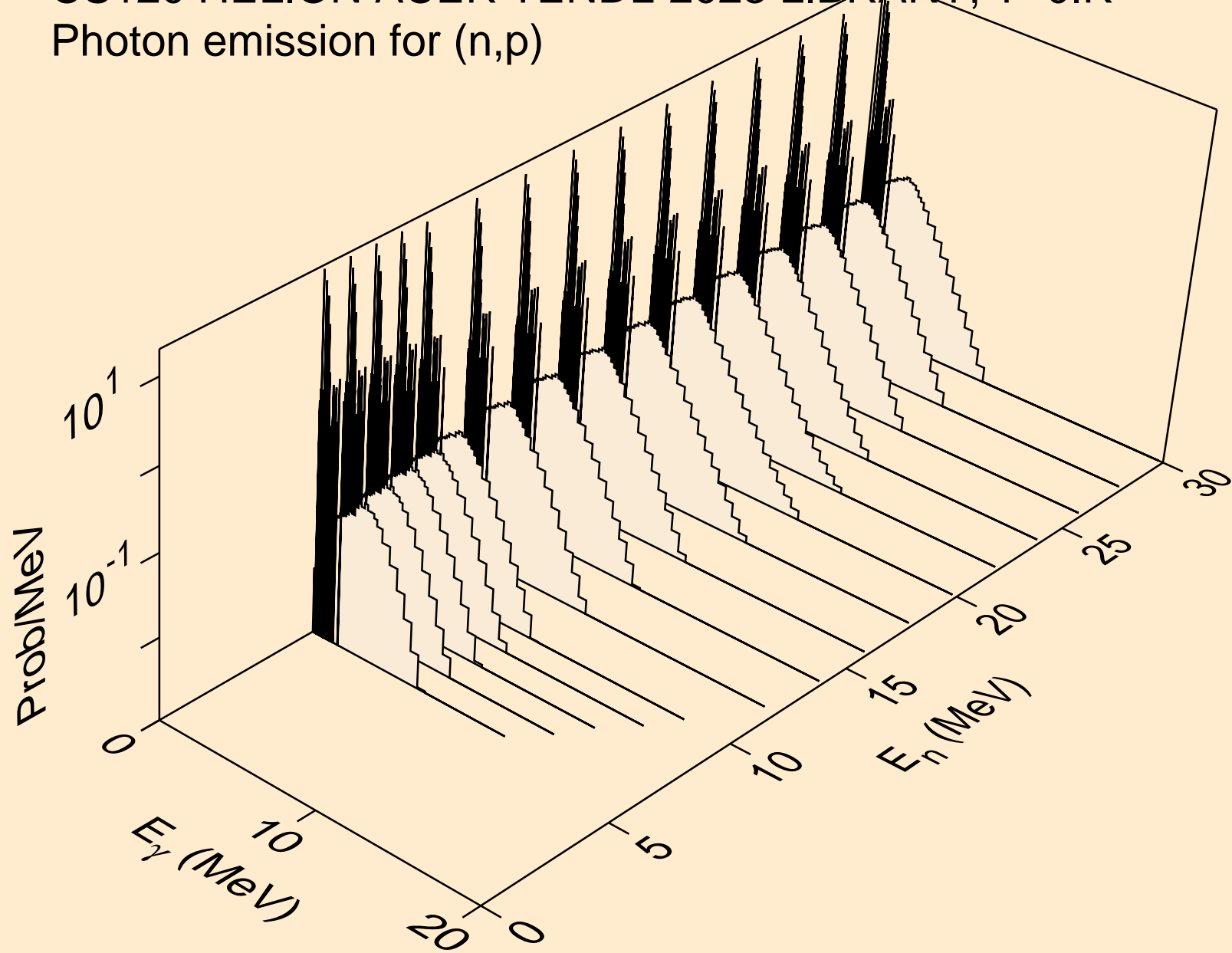




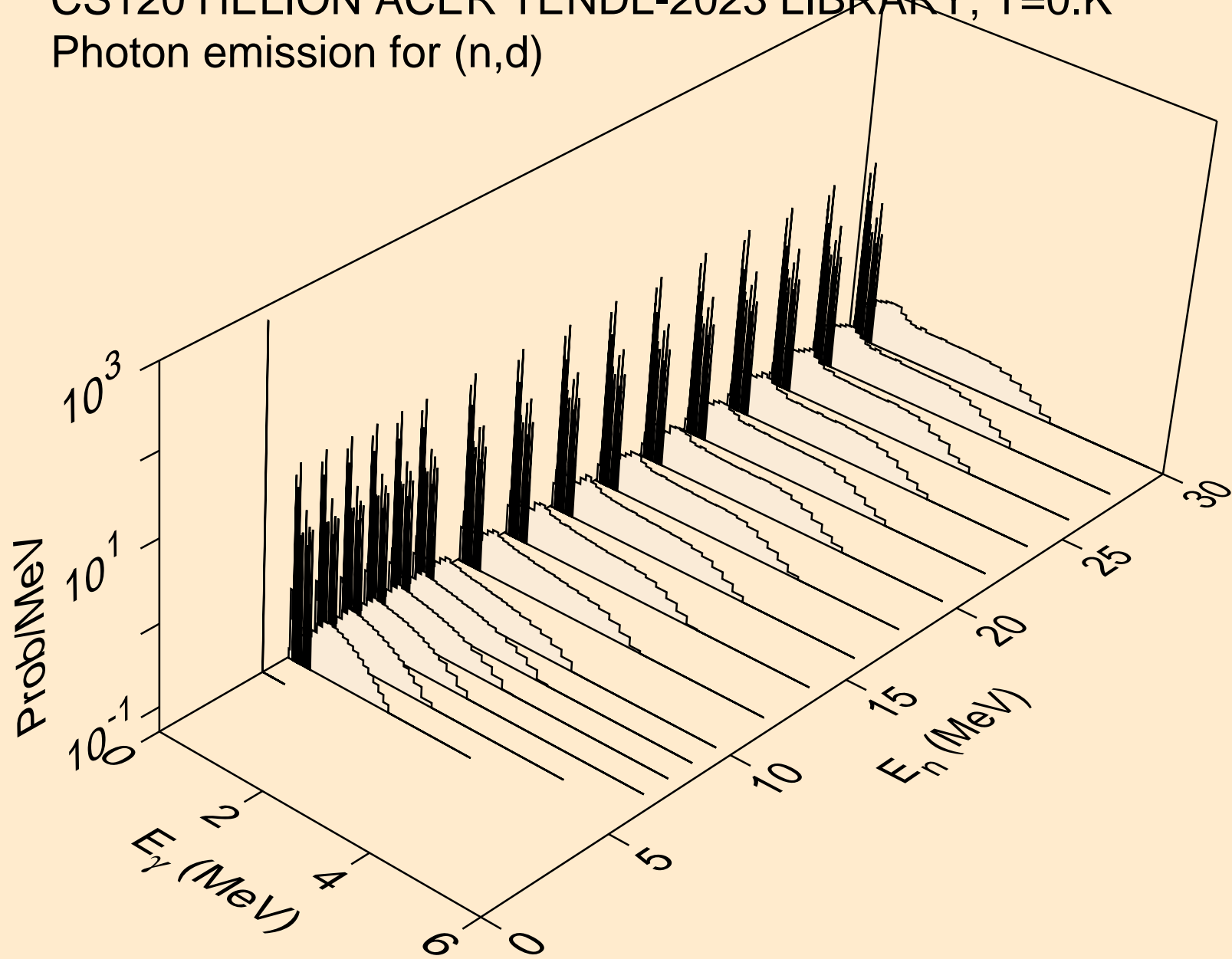
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



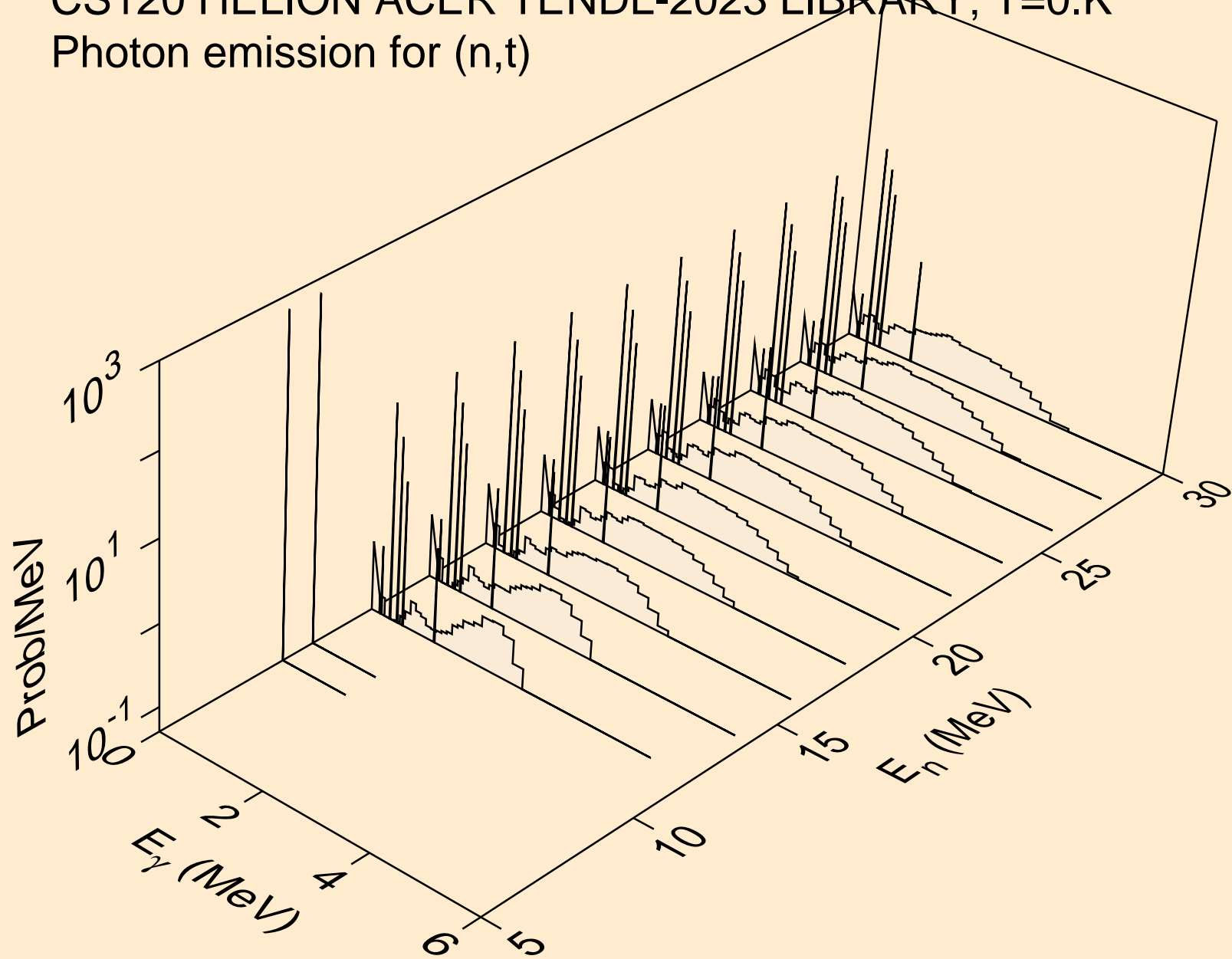
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



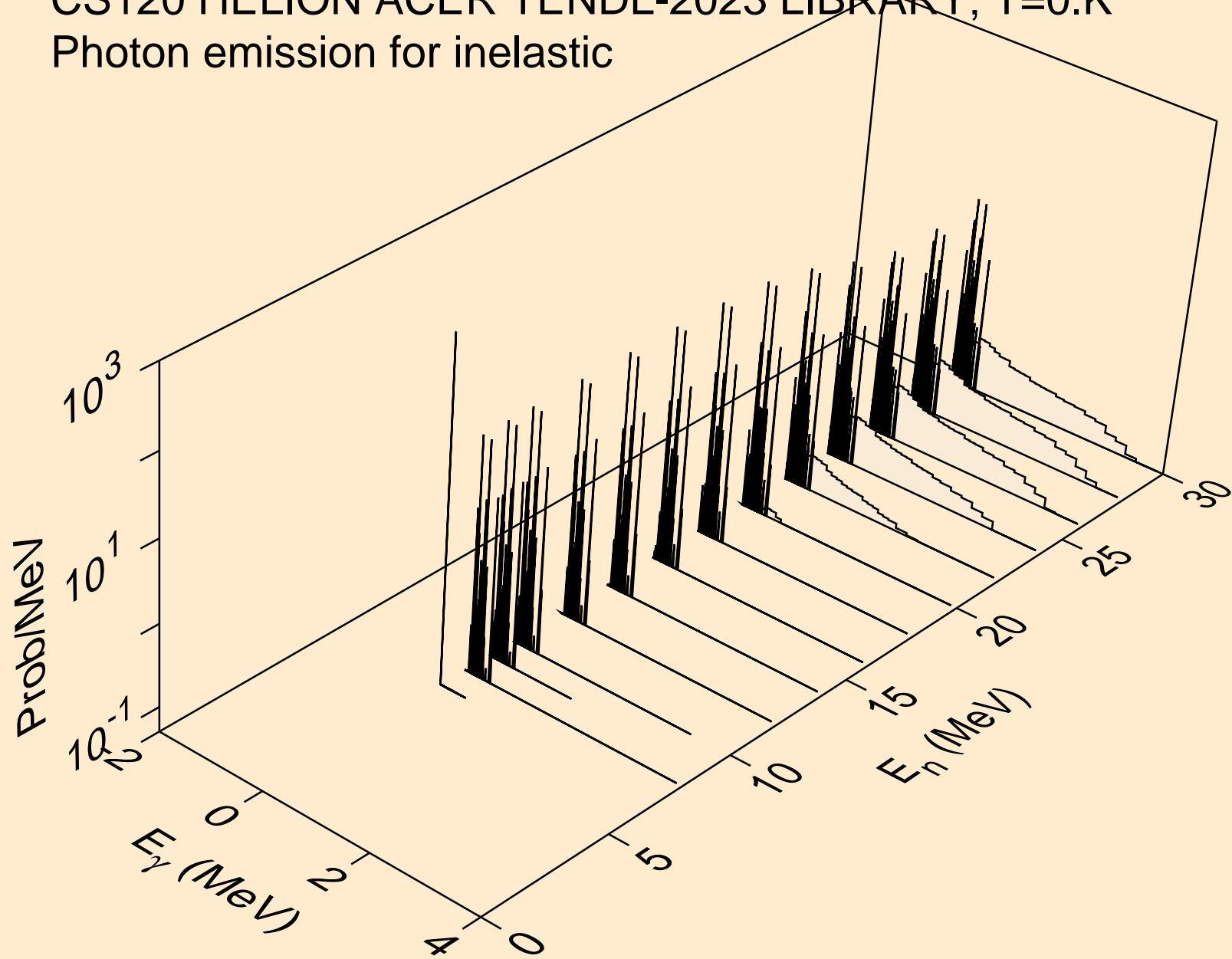
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Photon emission for (n,d)



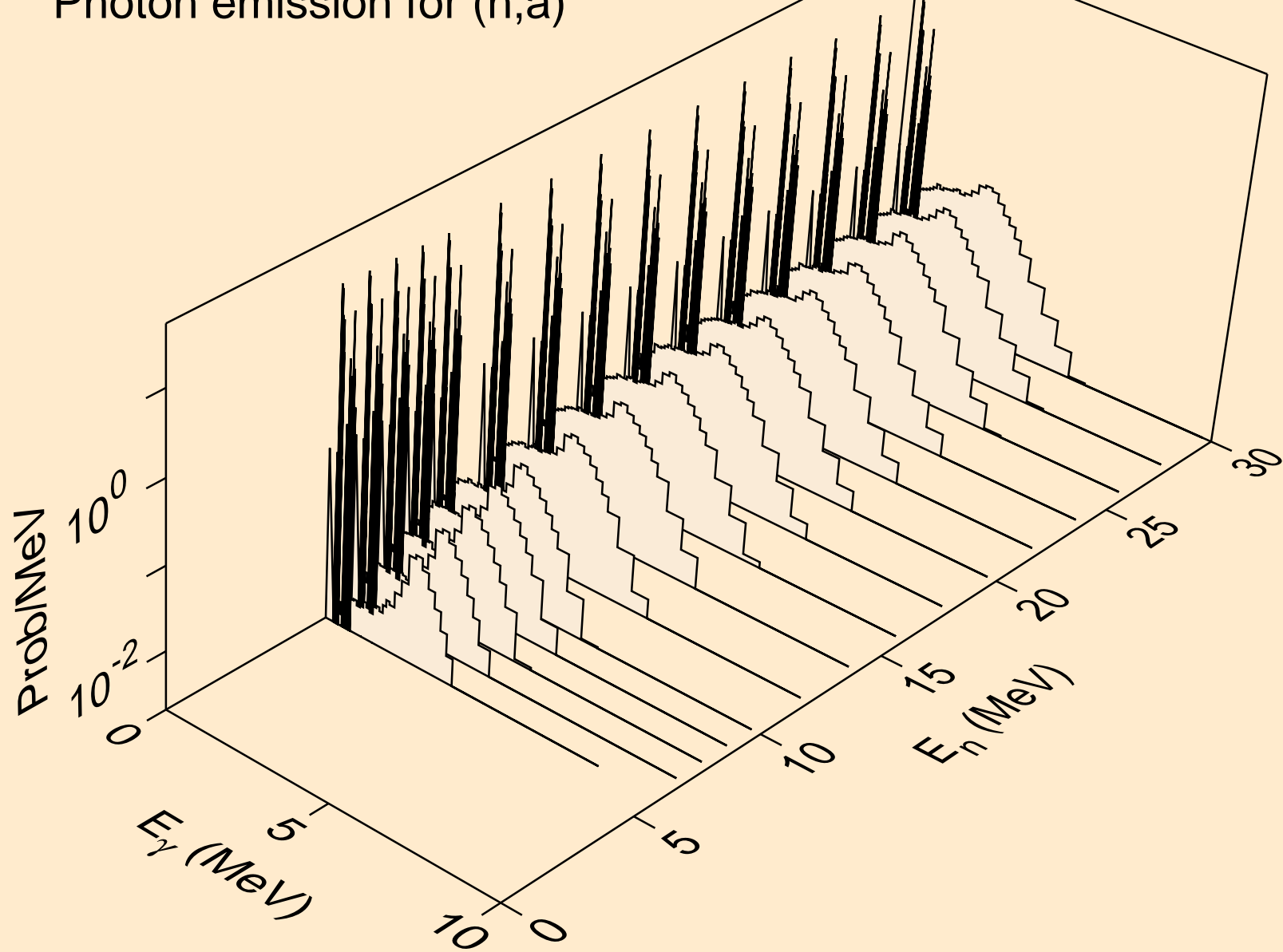
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Photon emission for (n,t)



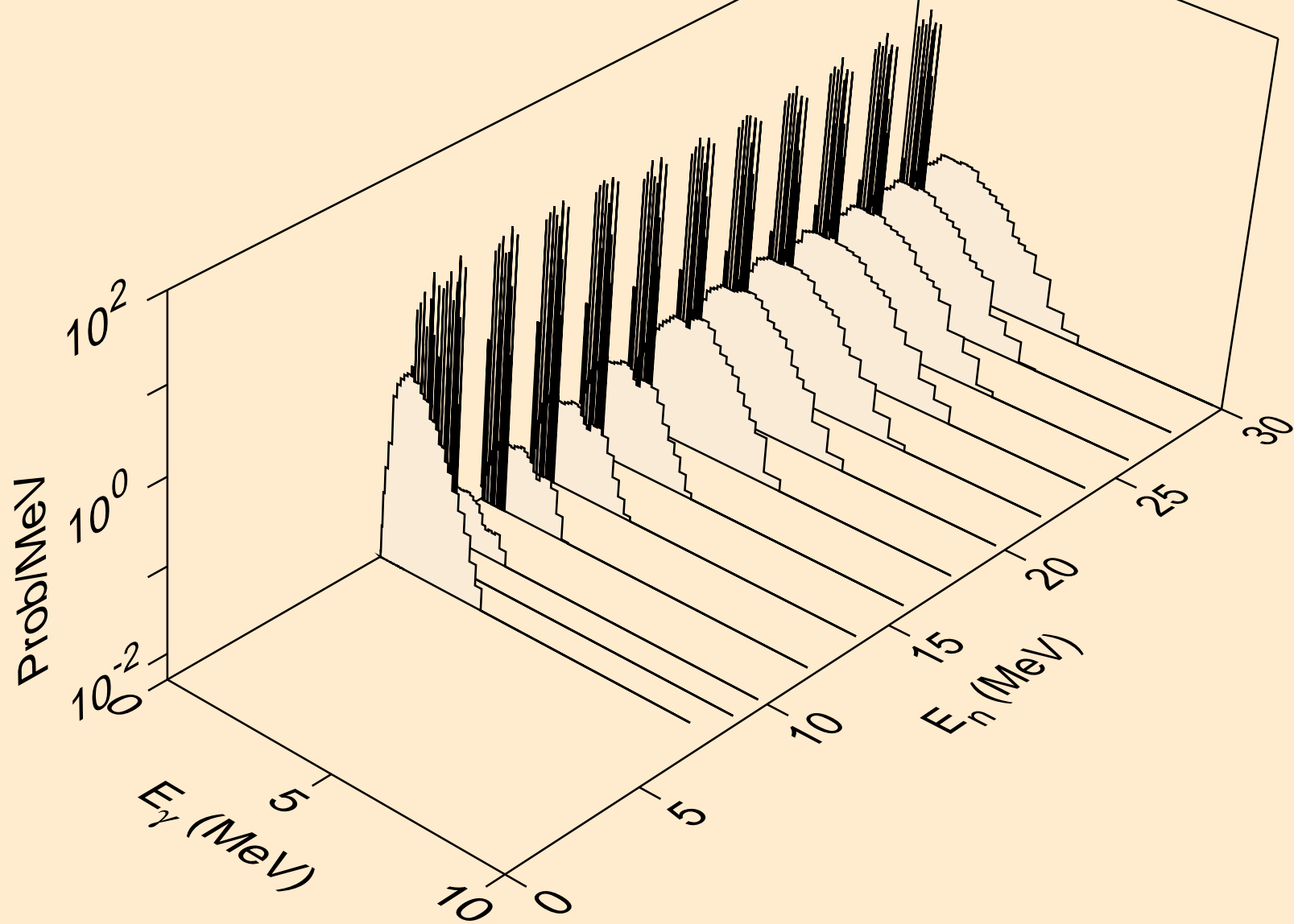
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



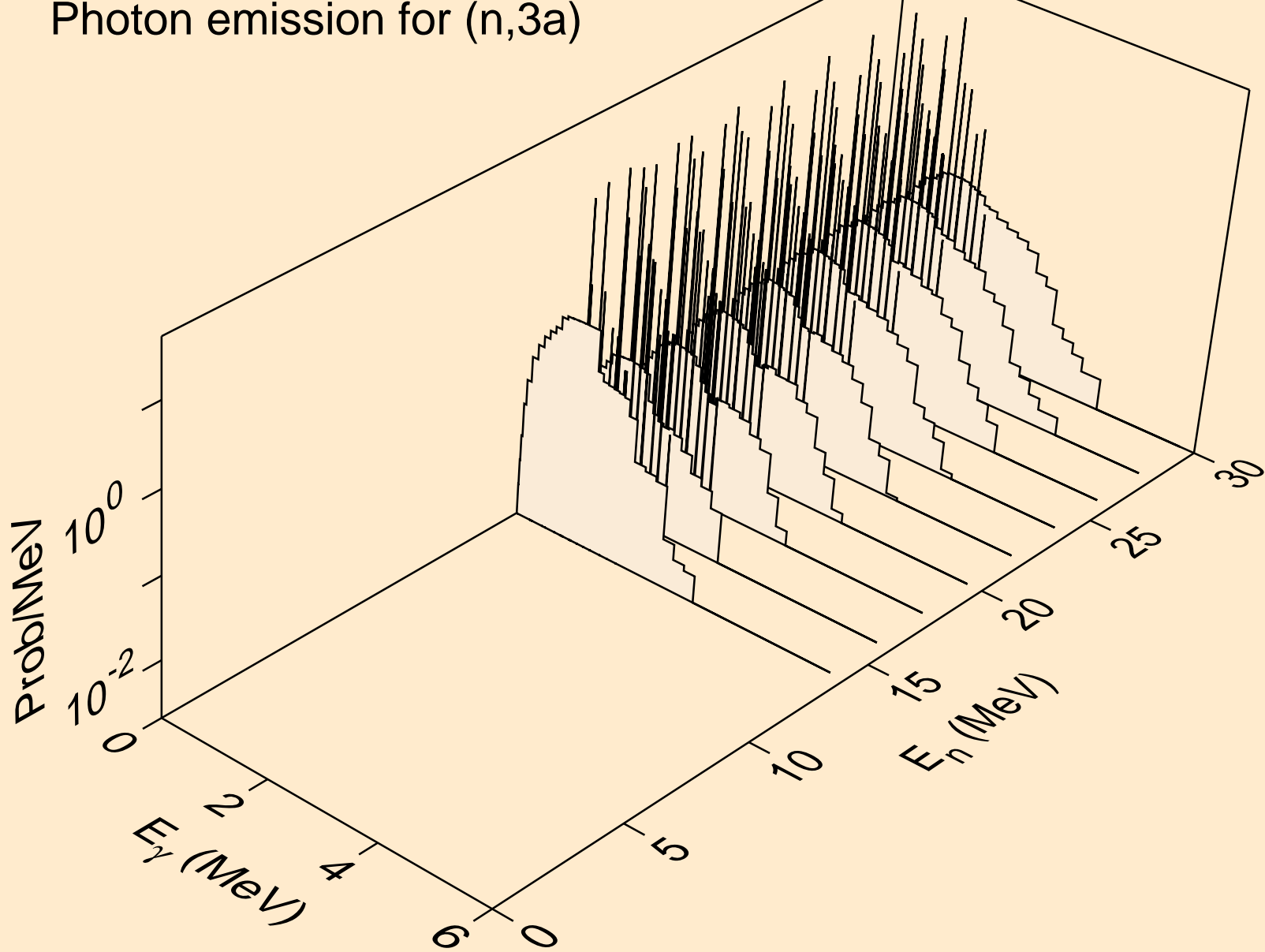
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

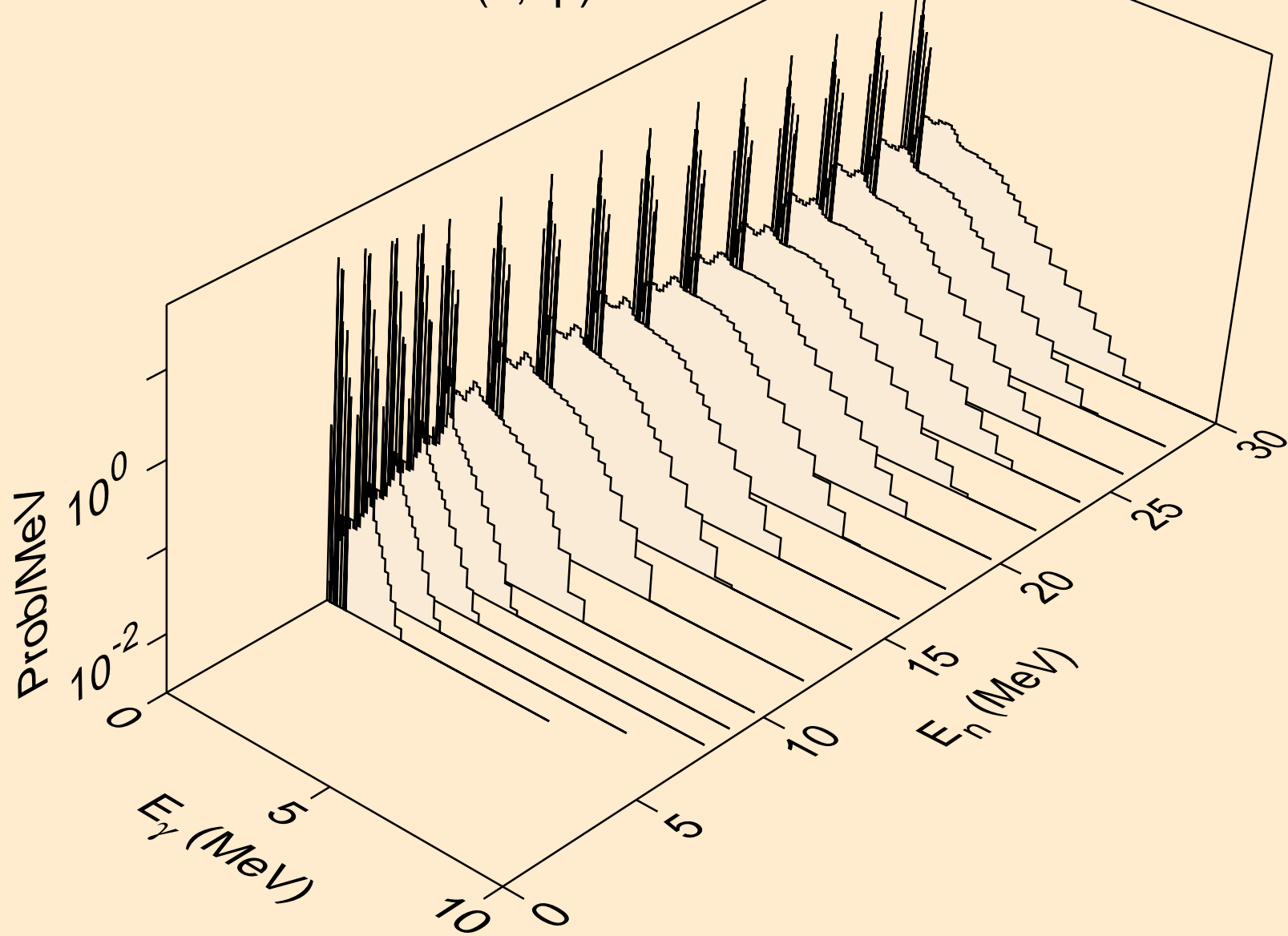


CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)

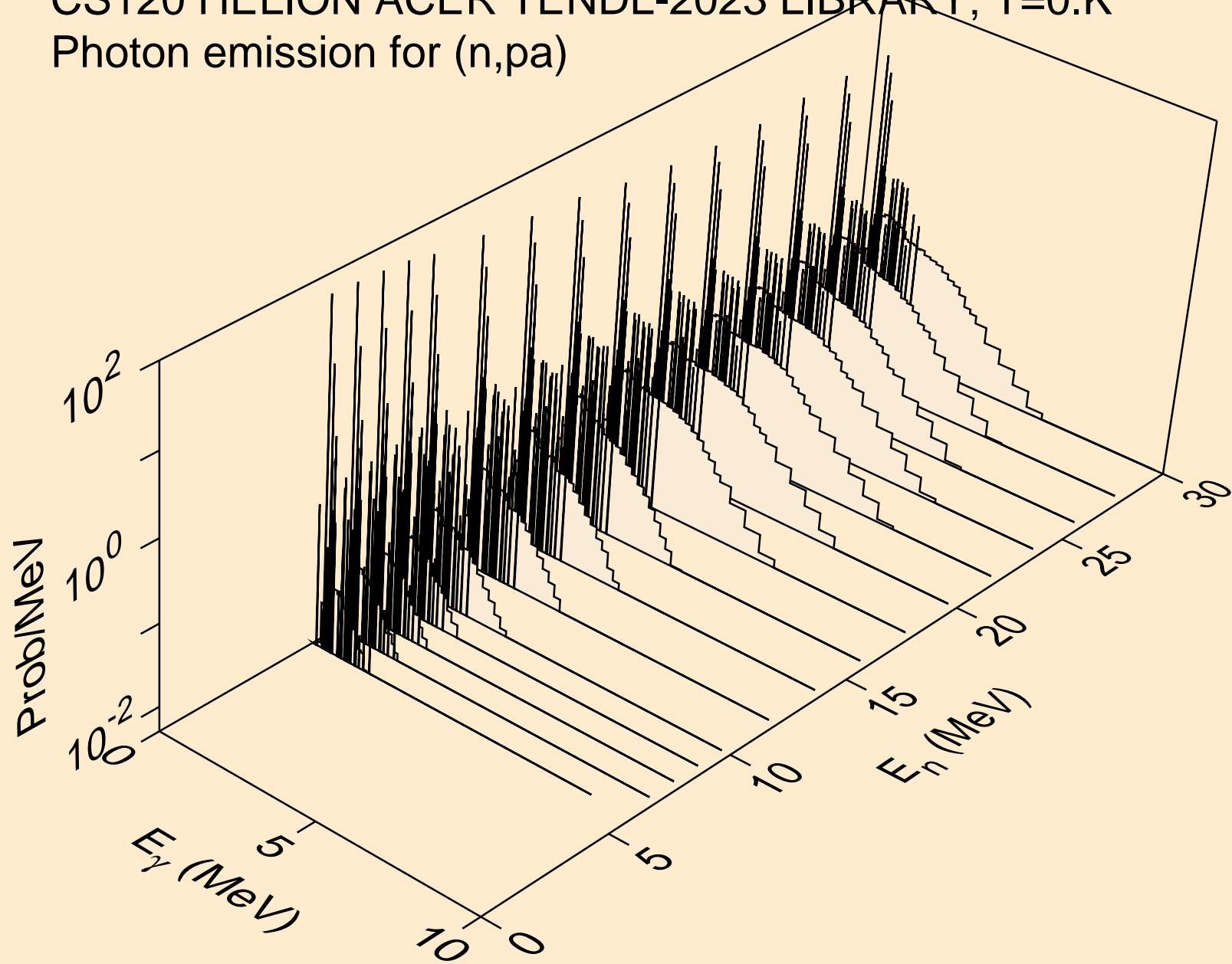




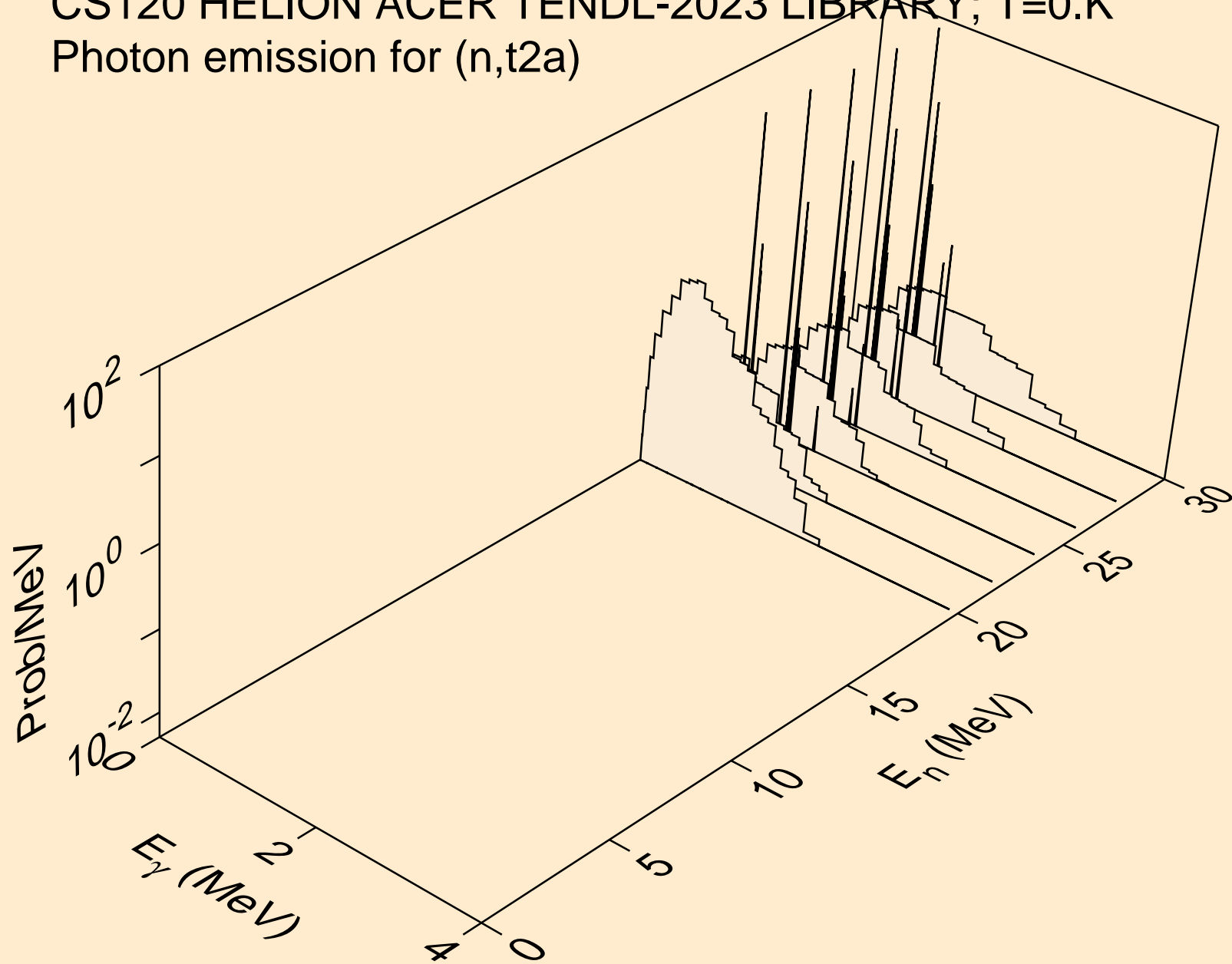
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



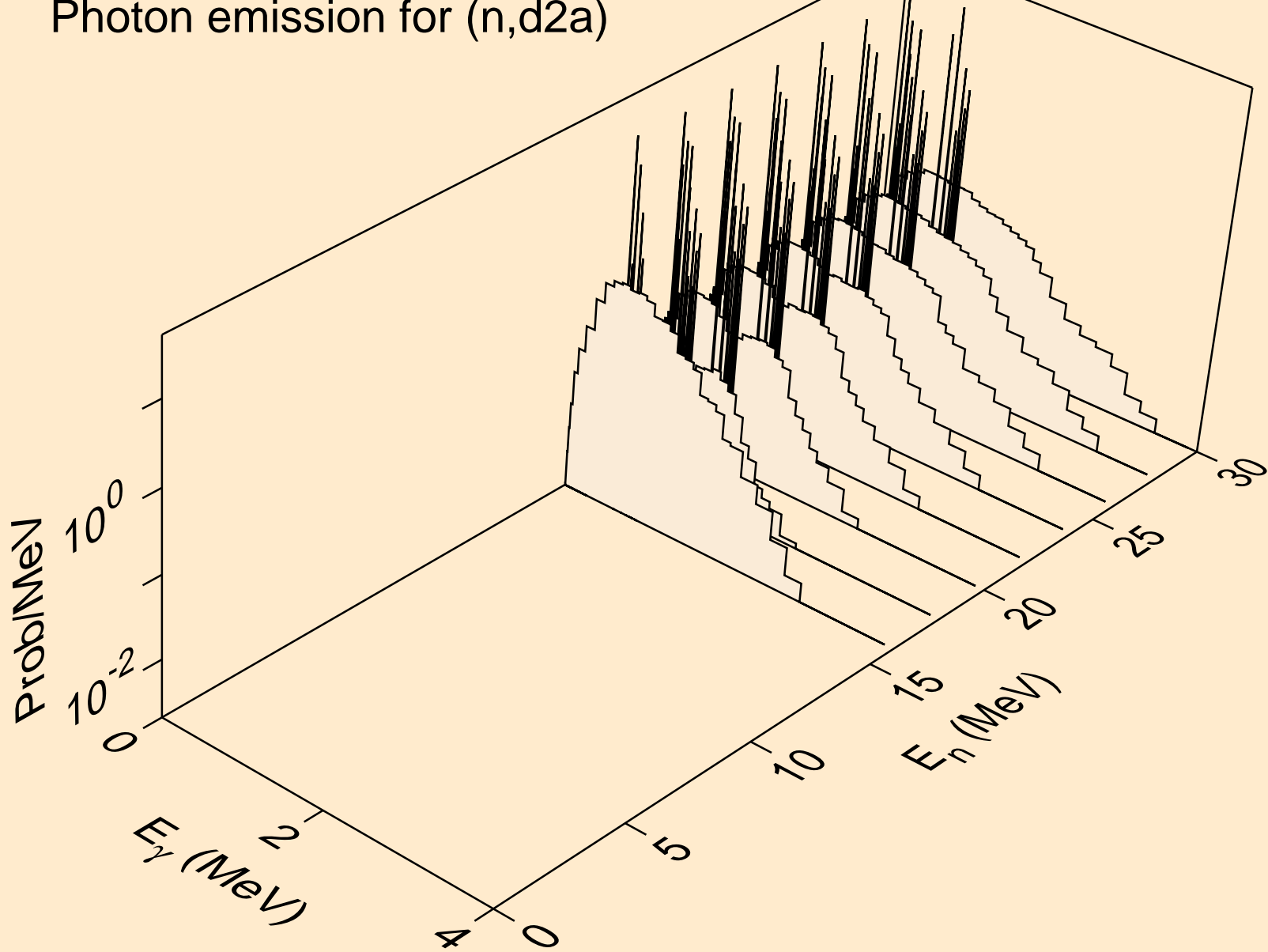
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



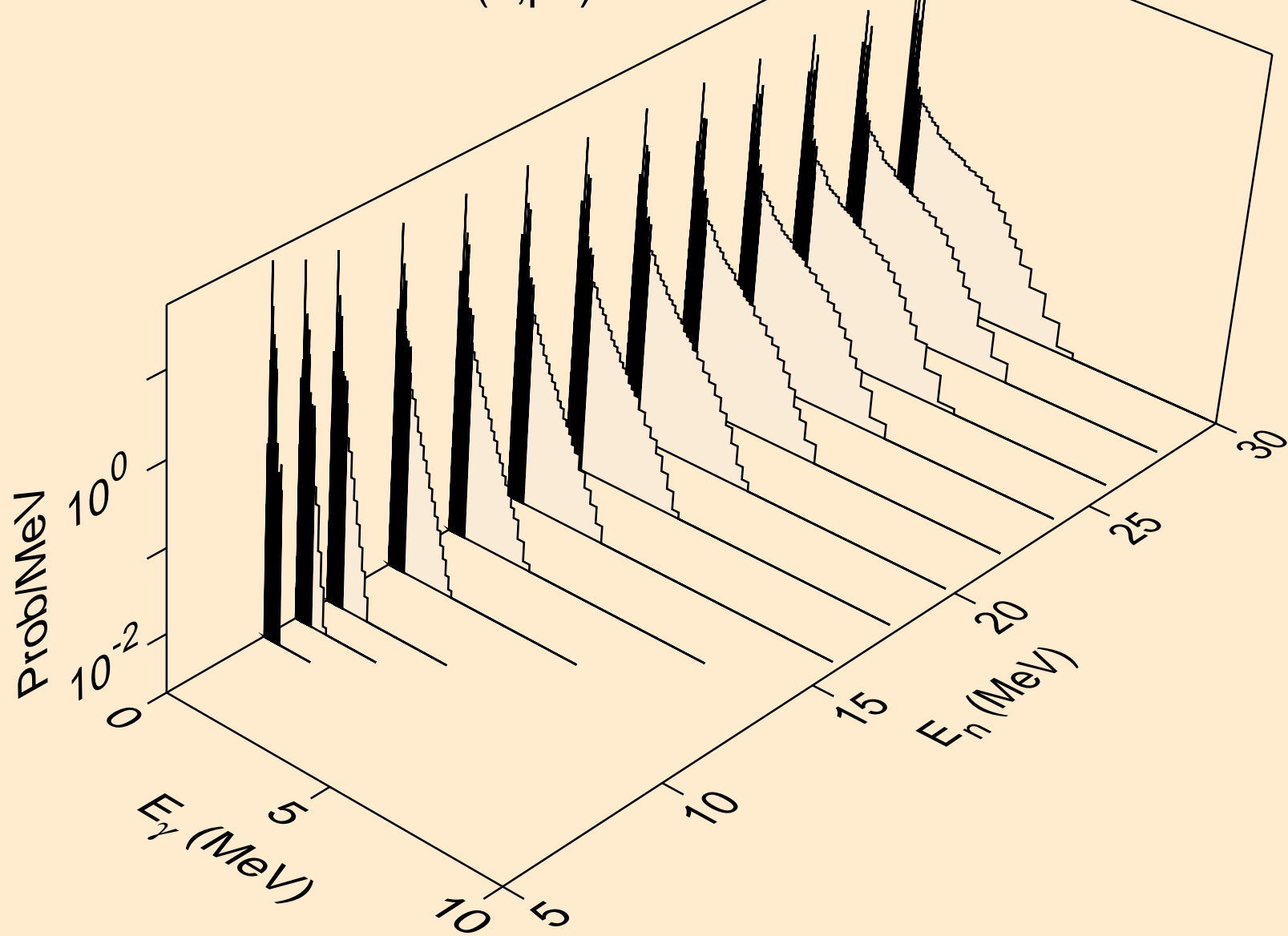
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t2a)



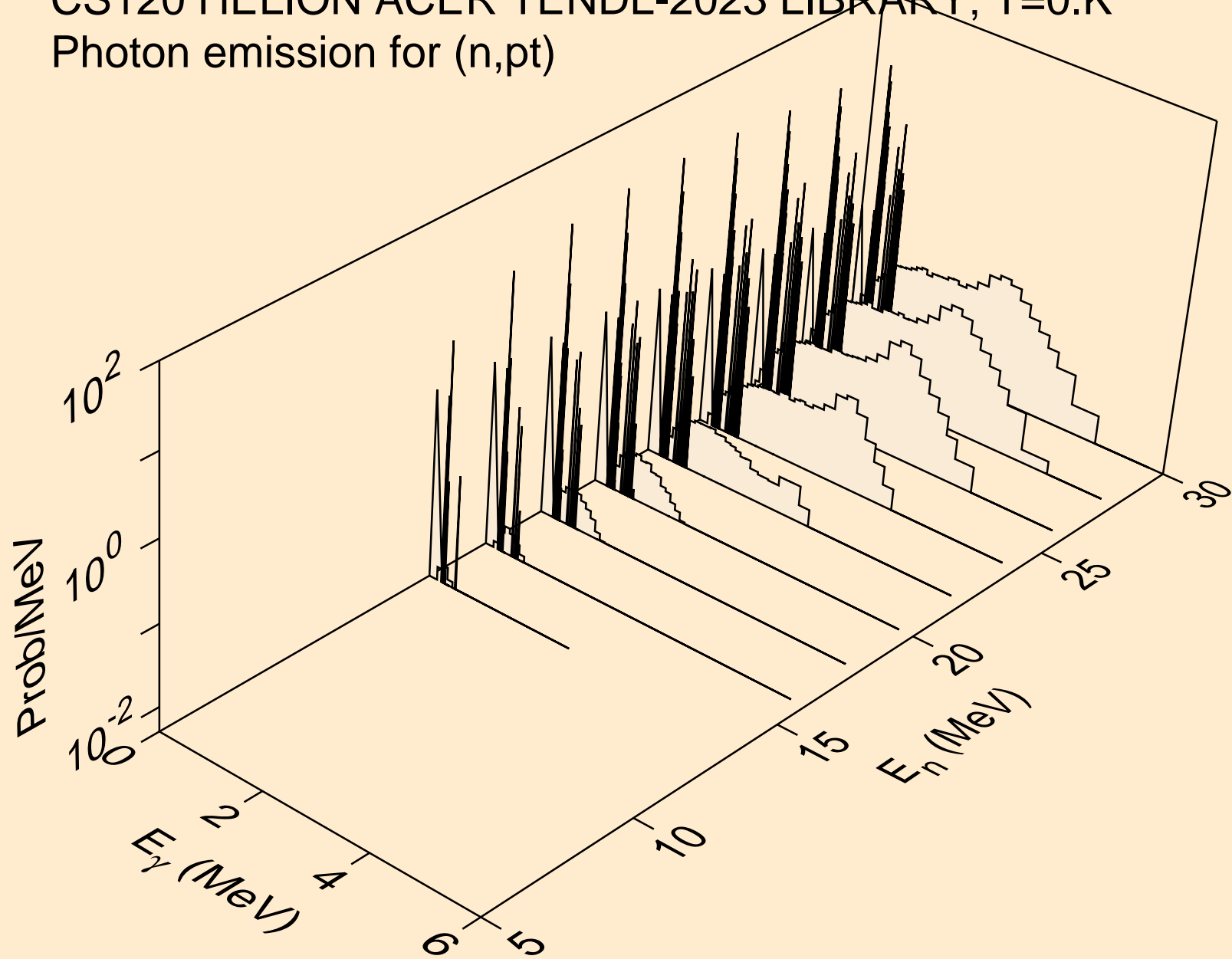
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Photon emission for (n,d2a)



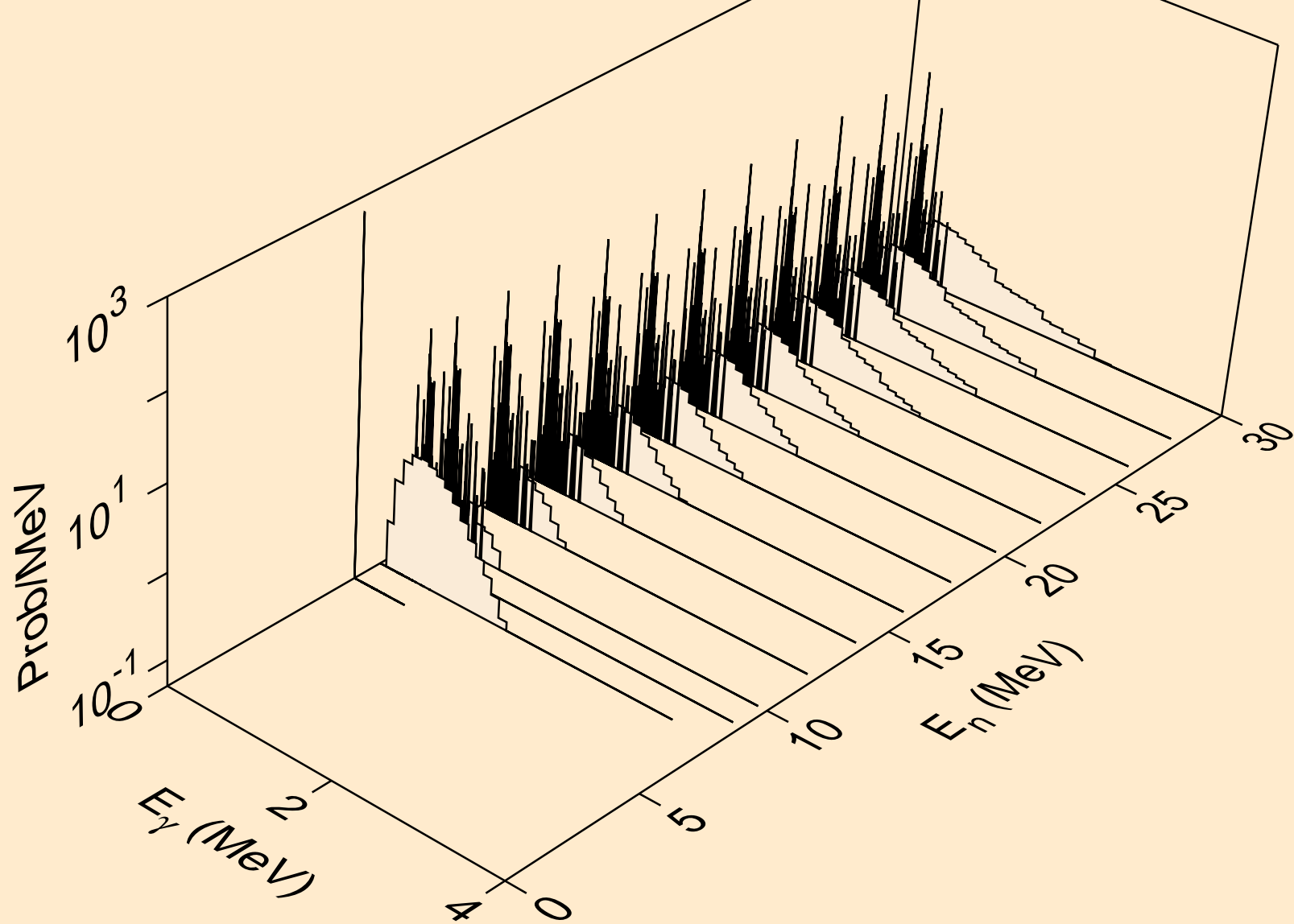
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

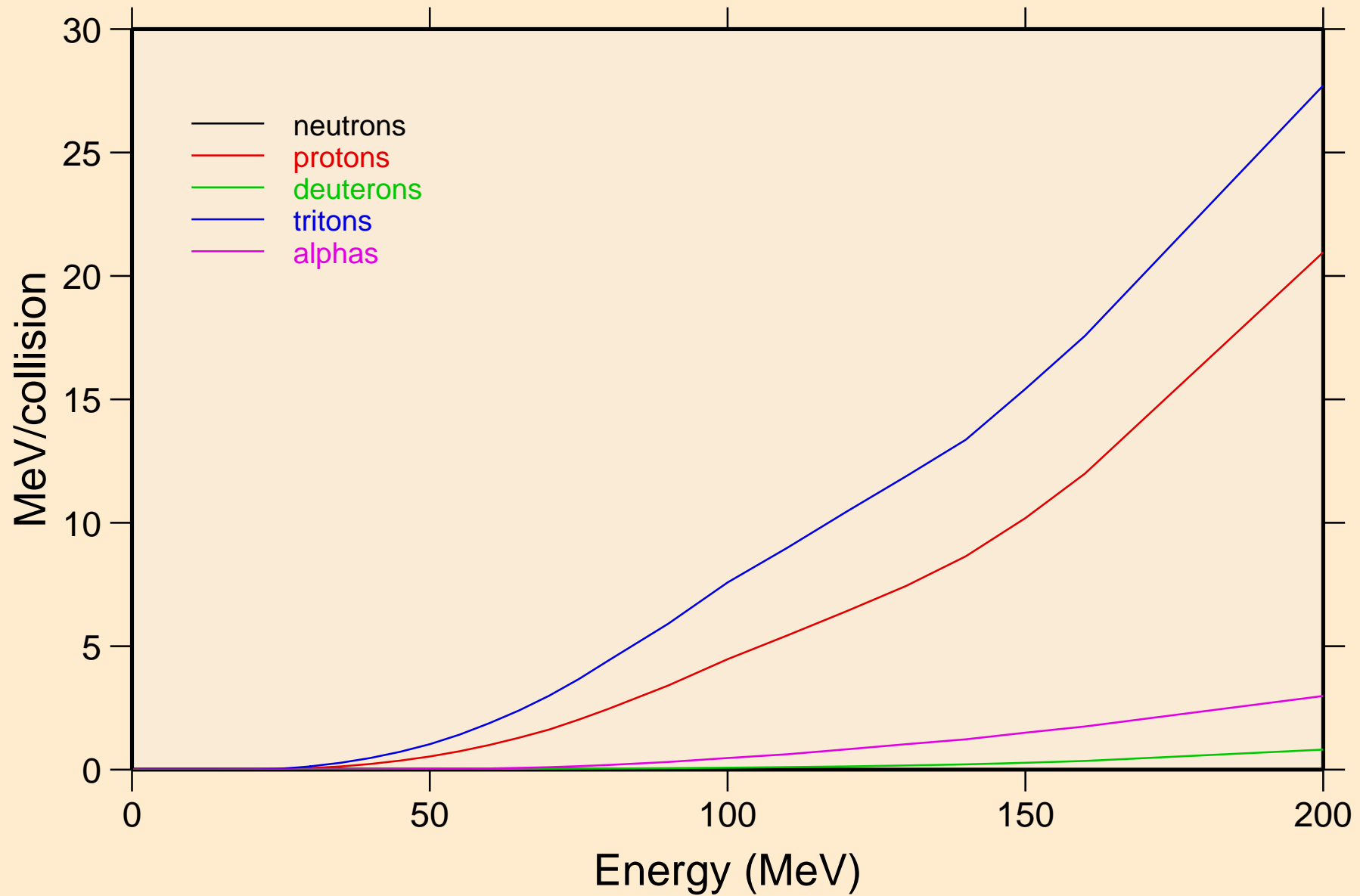


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Photon emission for (n,da)



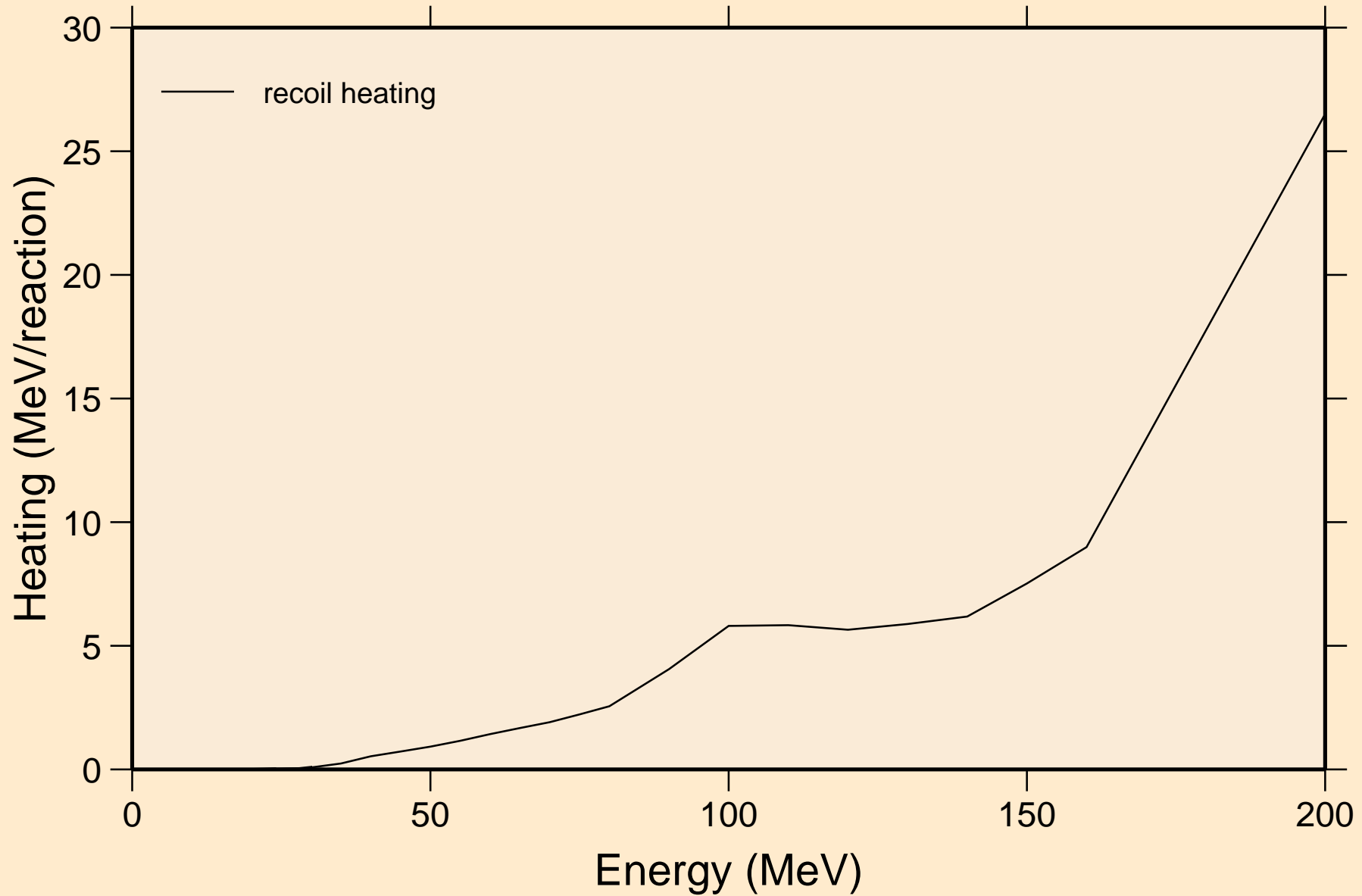
# CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

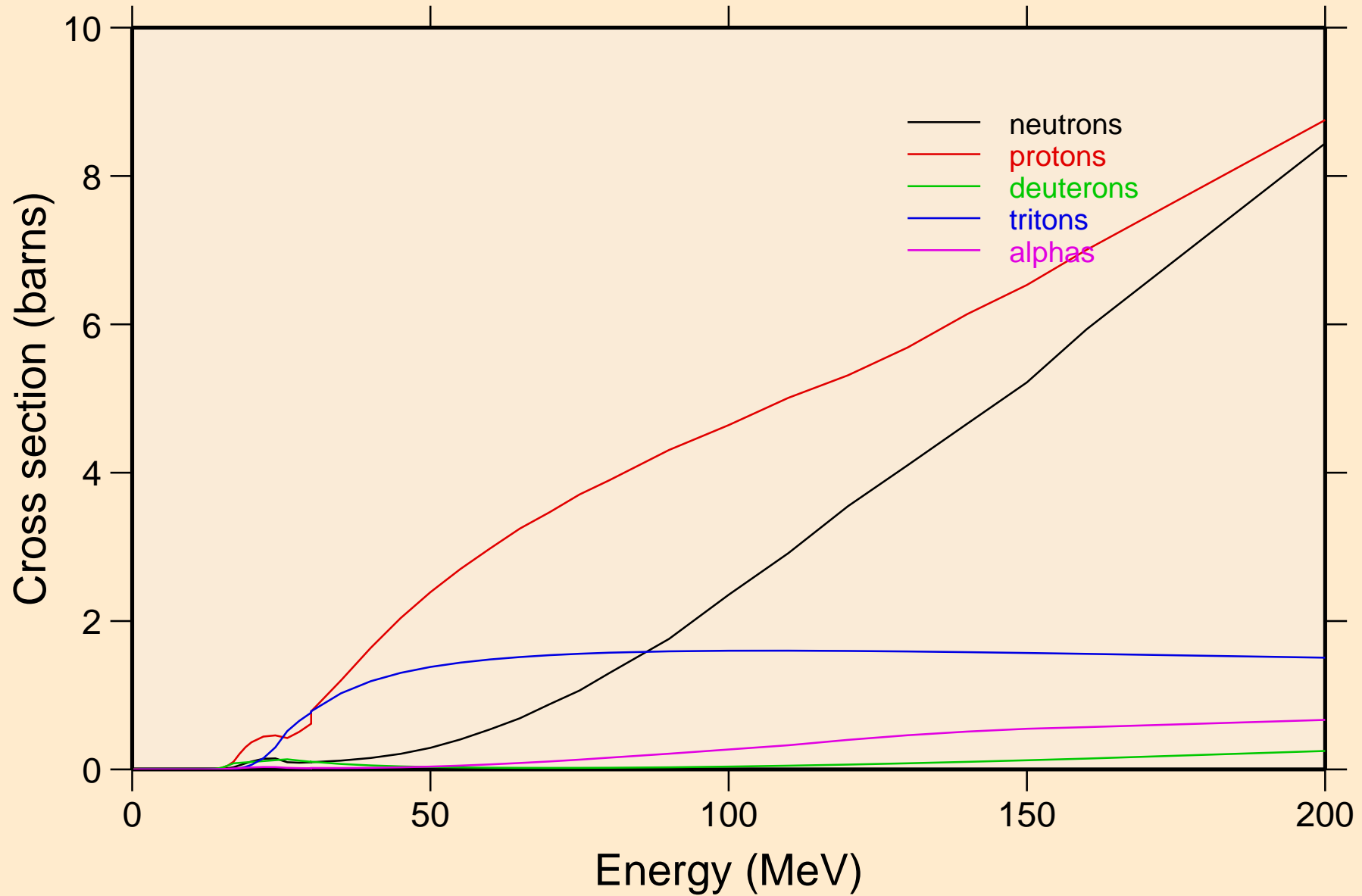




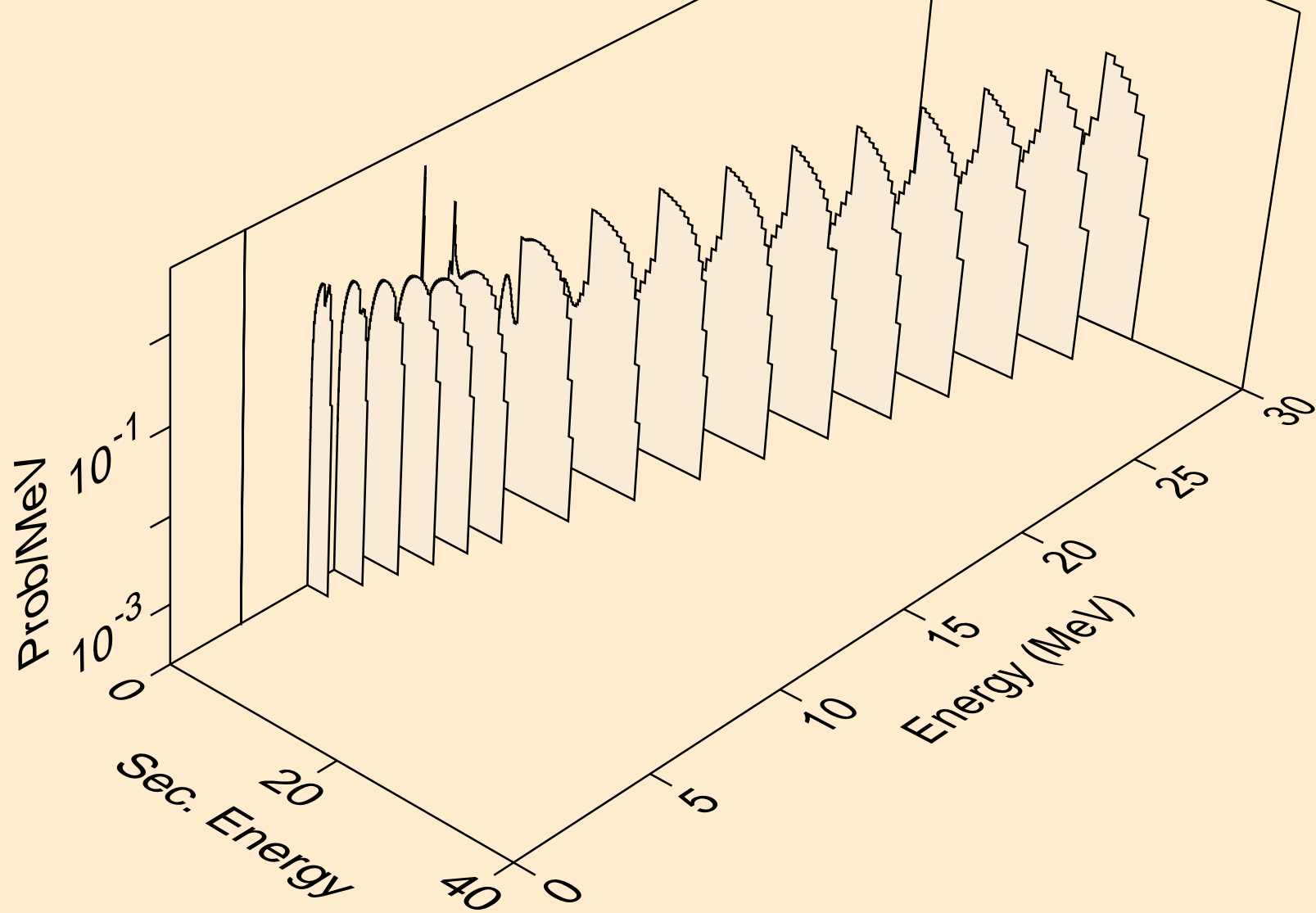
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



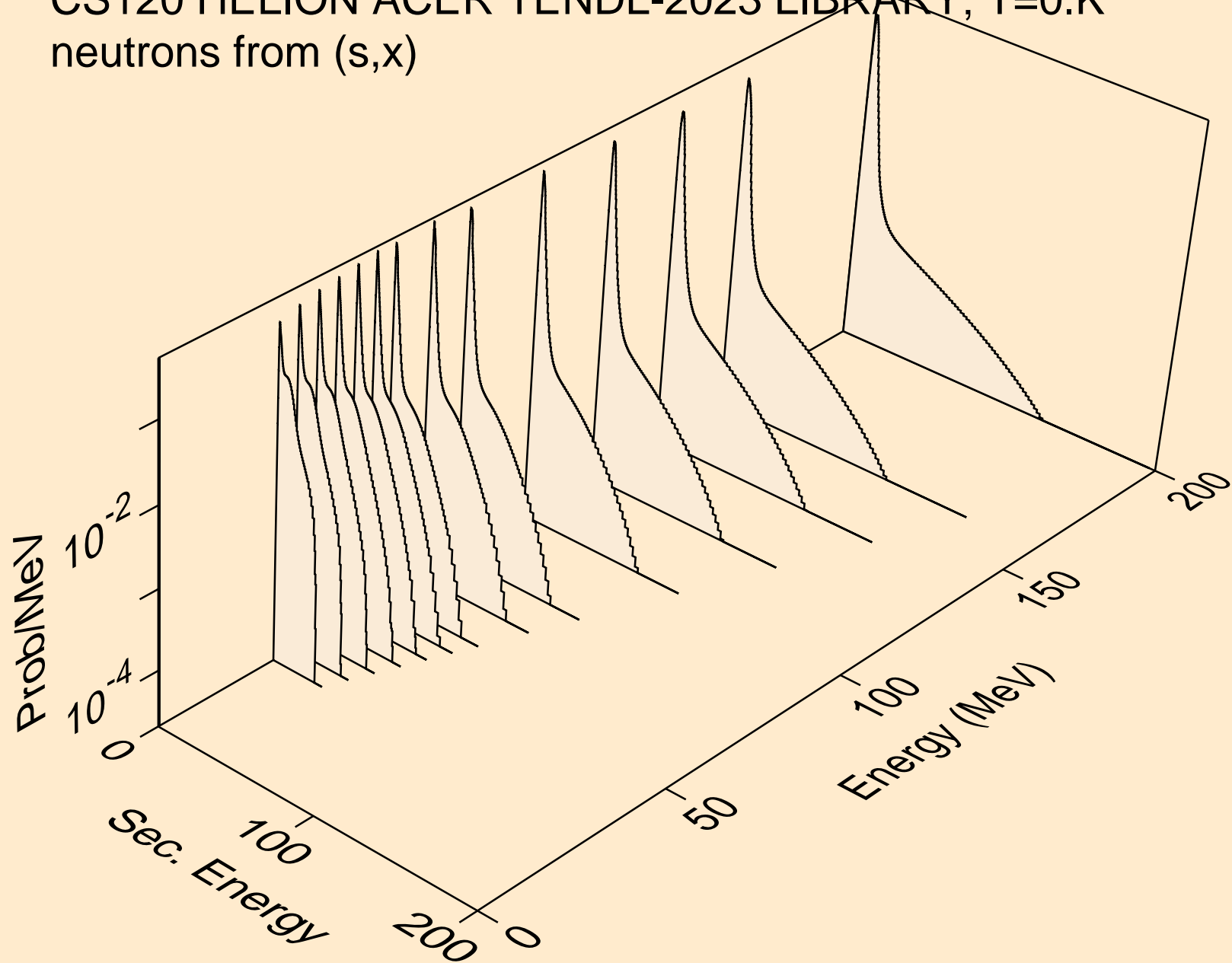
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



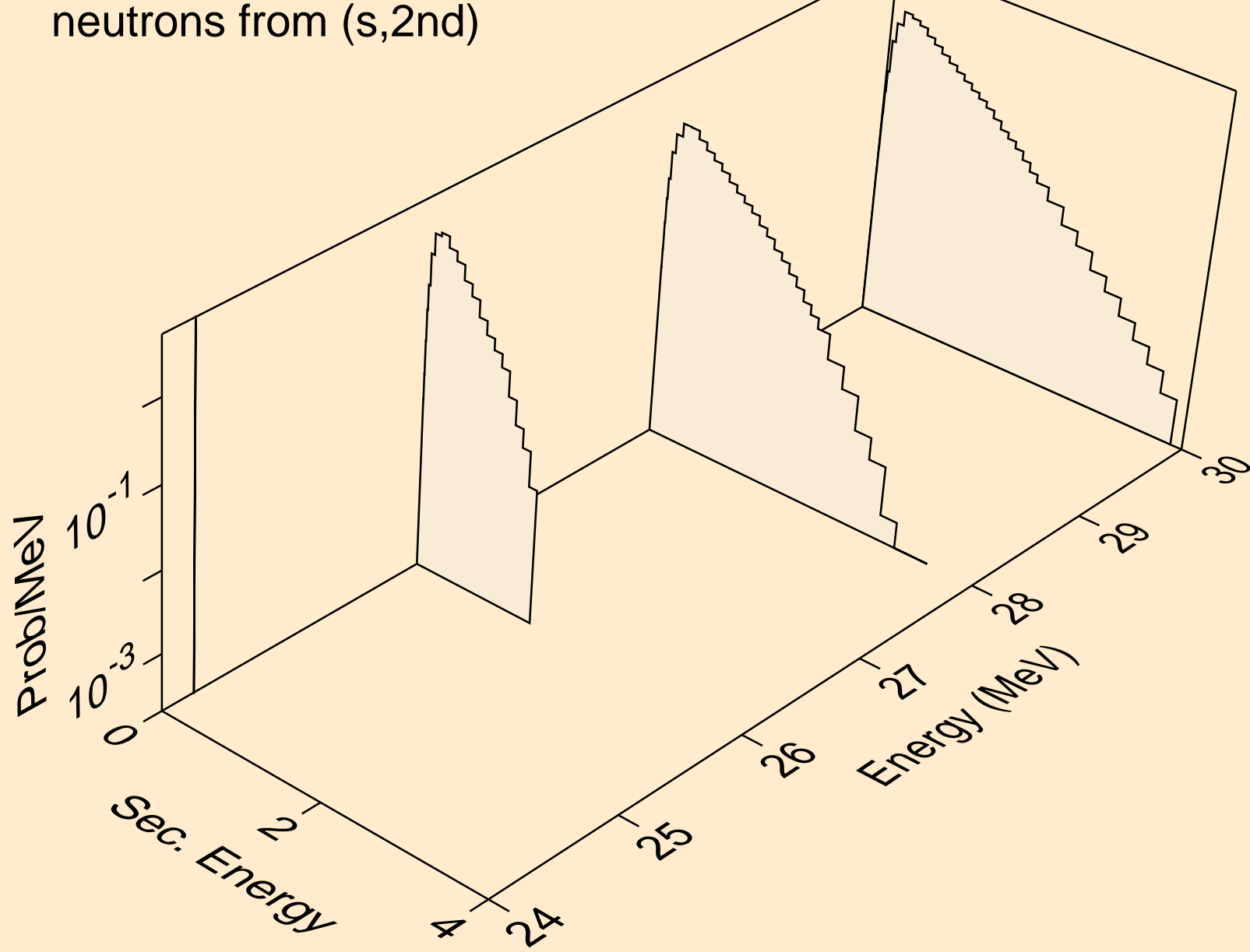
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



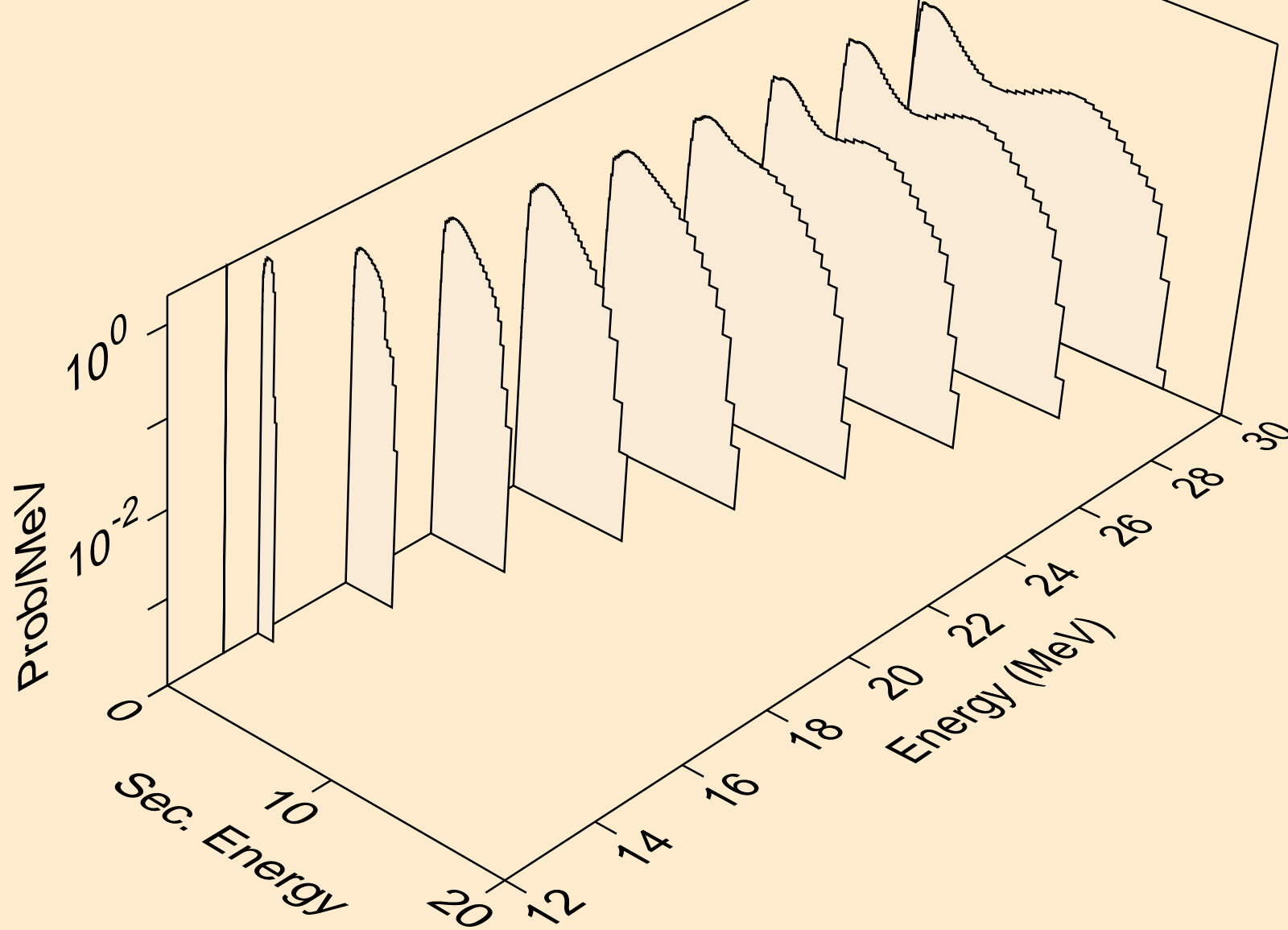
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



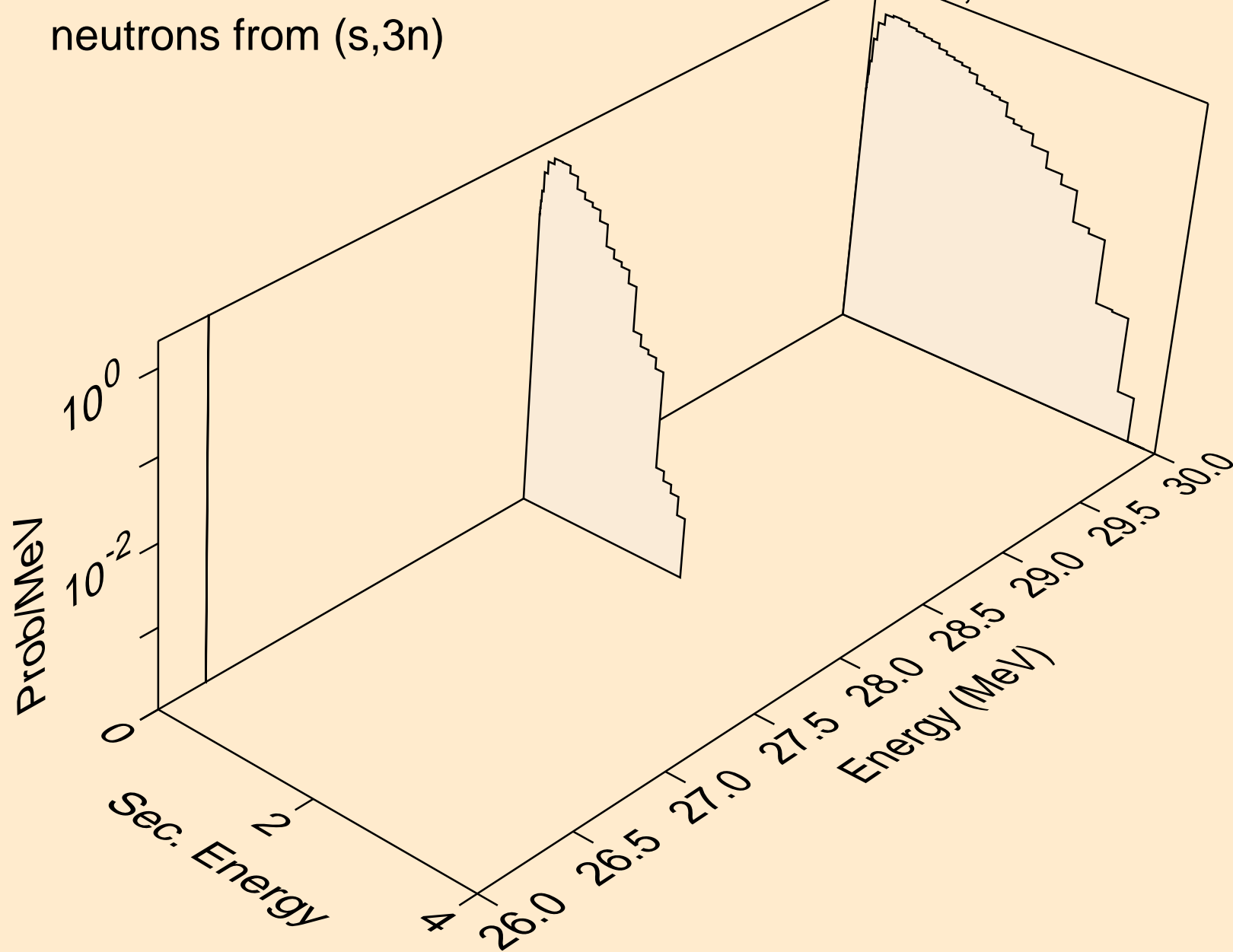
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



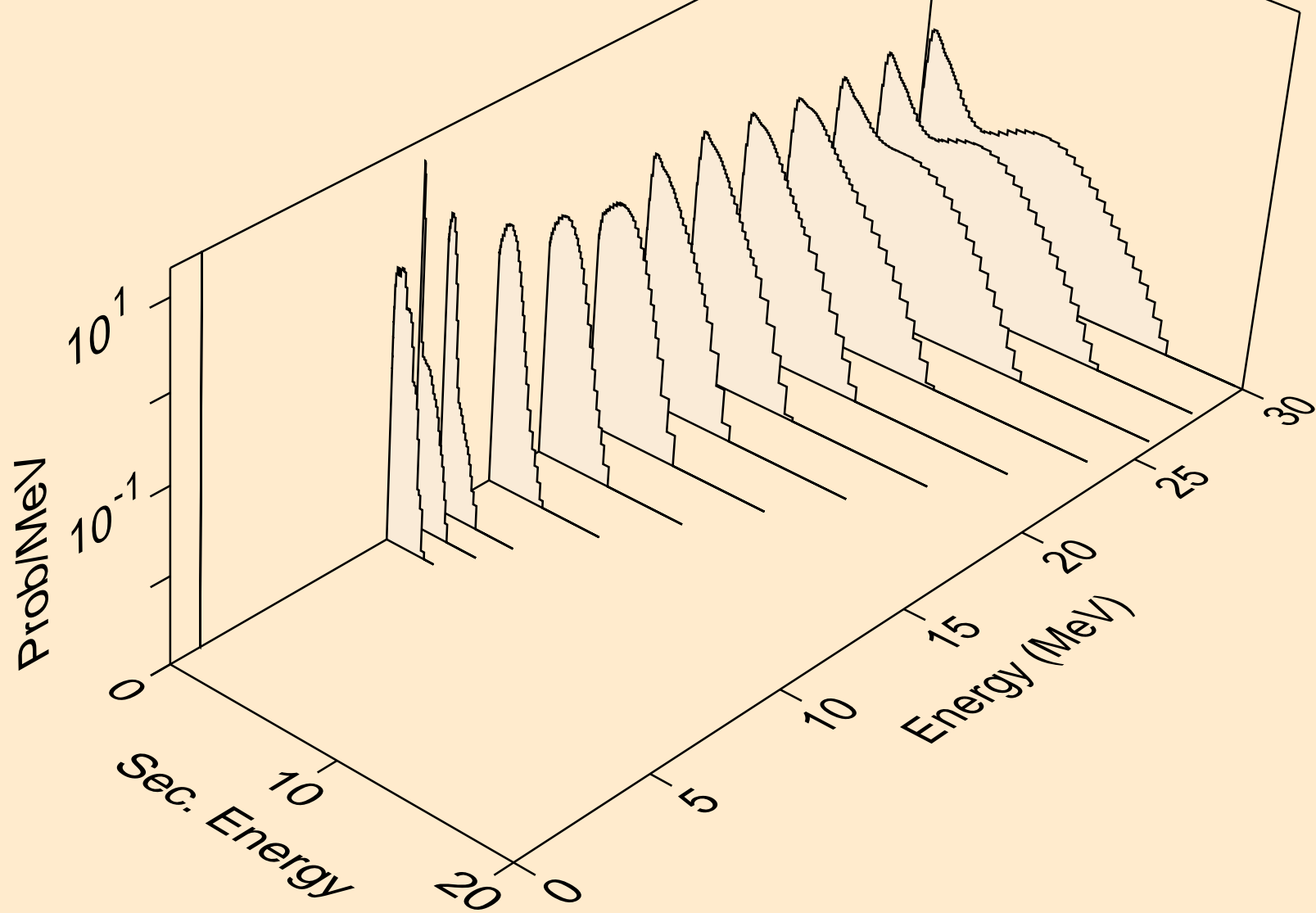
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)

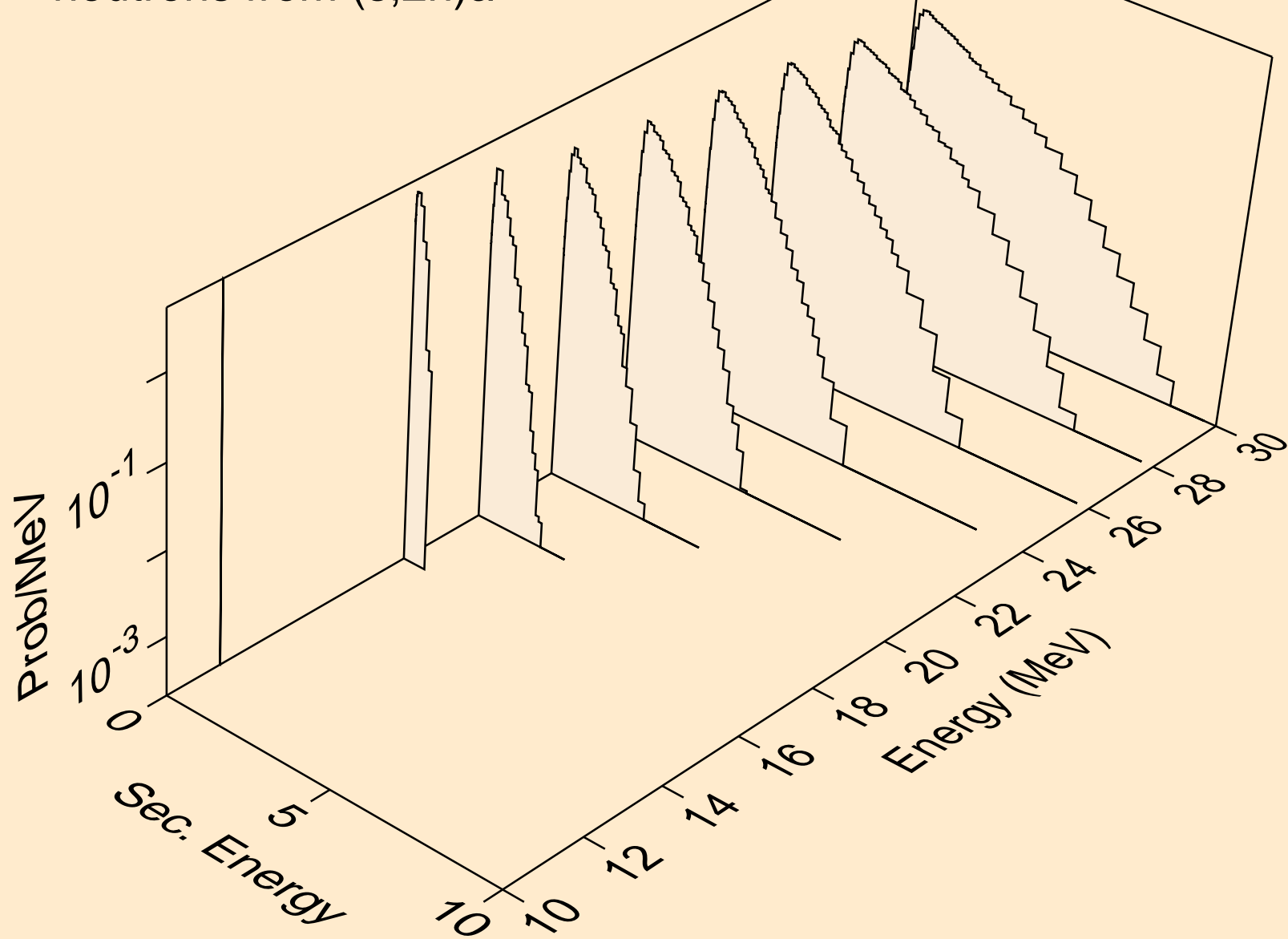


CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

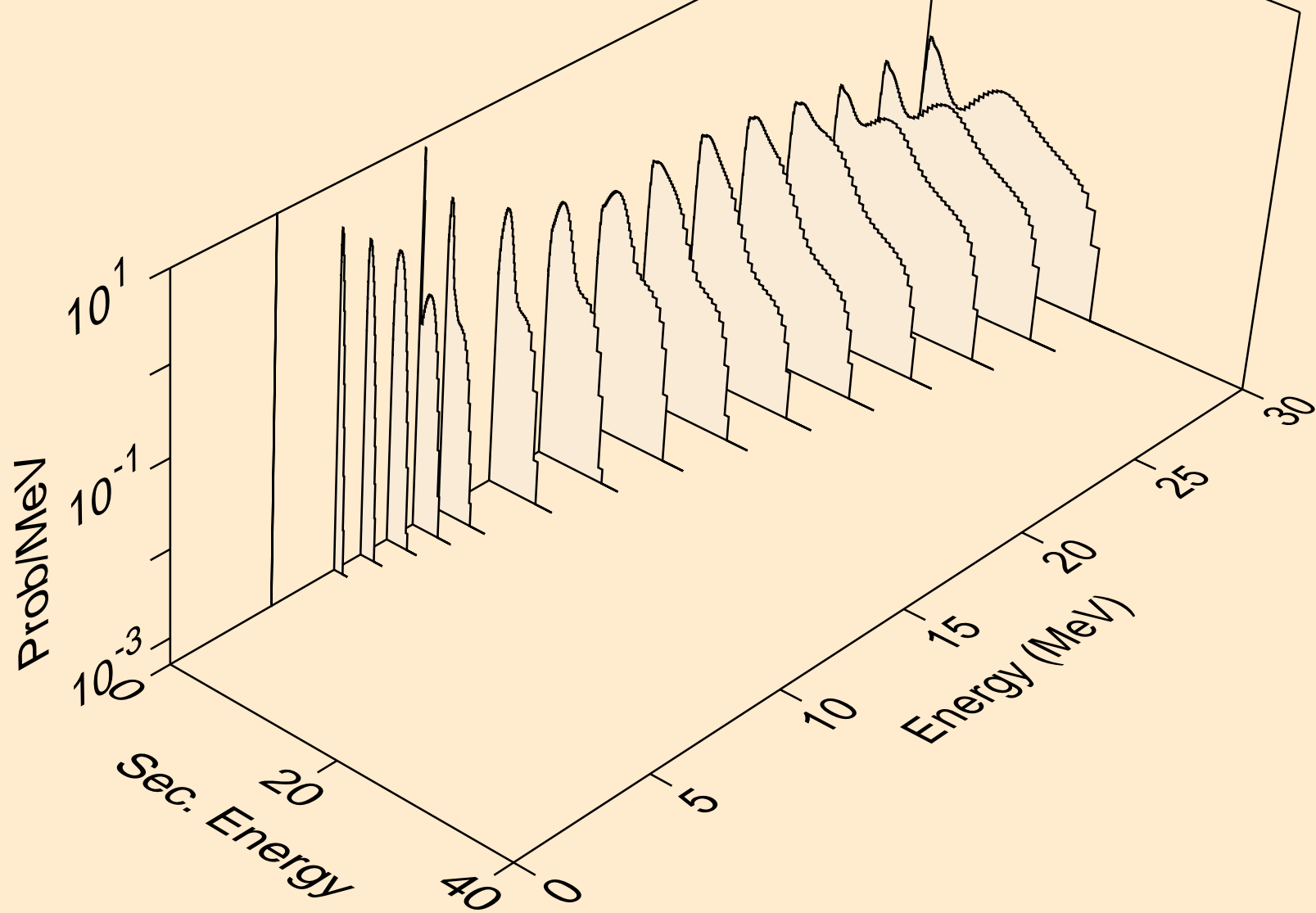




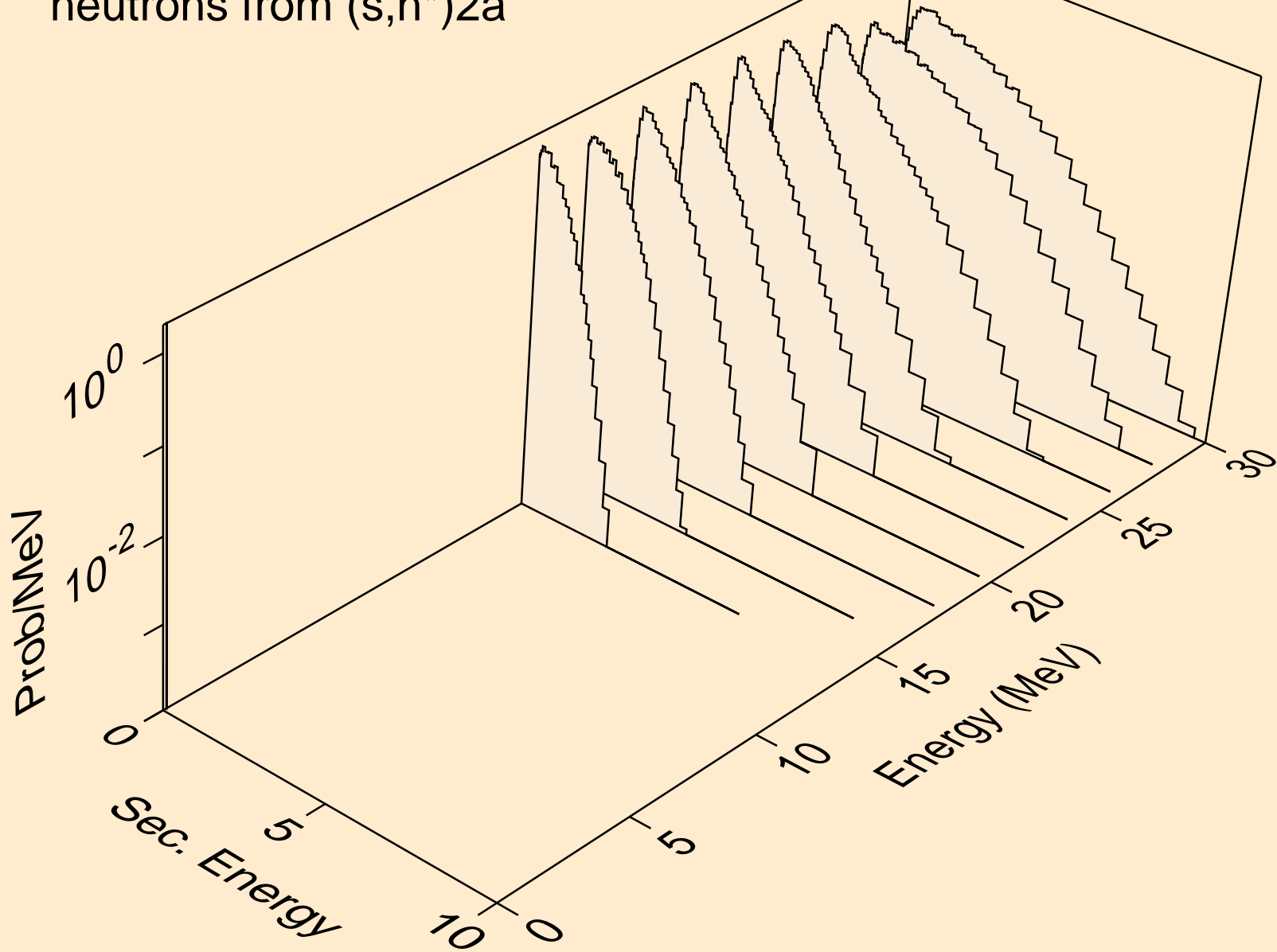
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



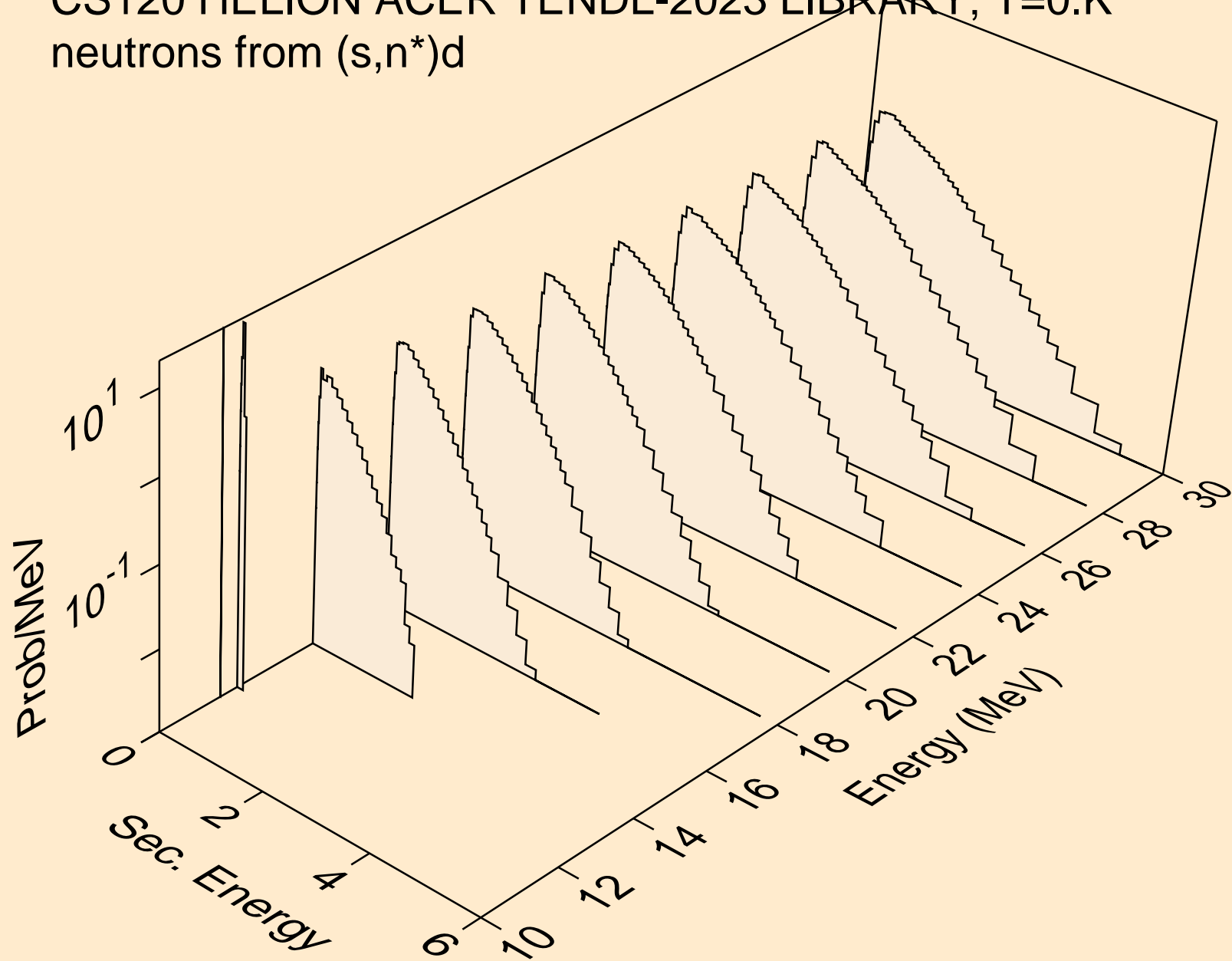
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neutrons from (s,n\*)p



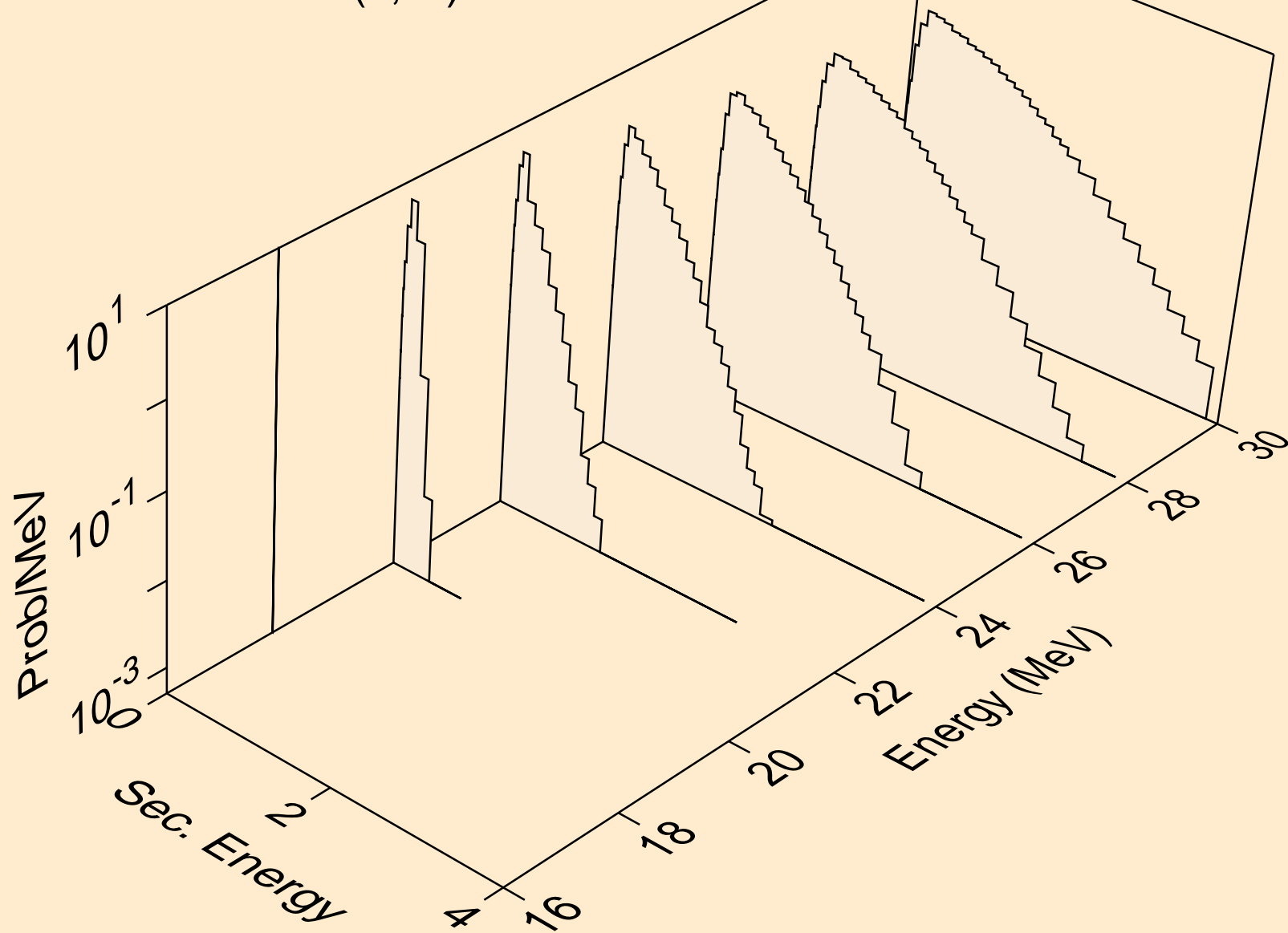
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neutrons from (s,n\*)2a



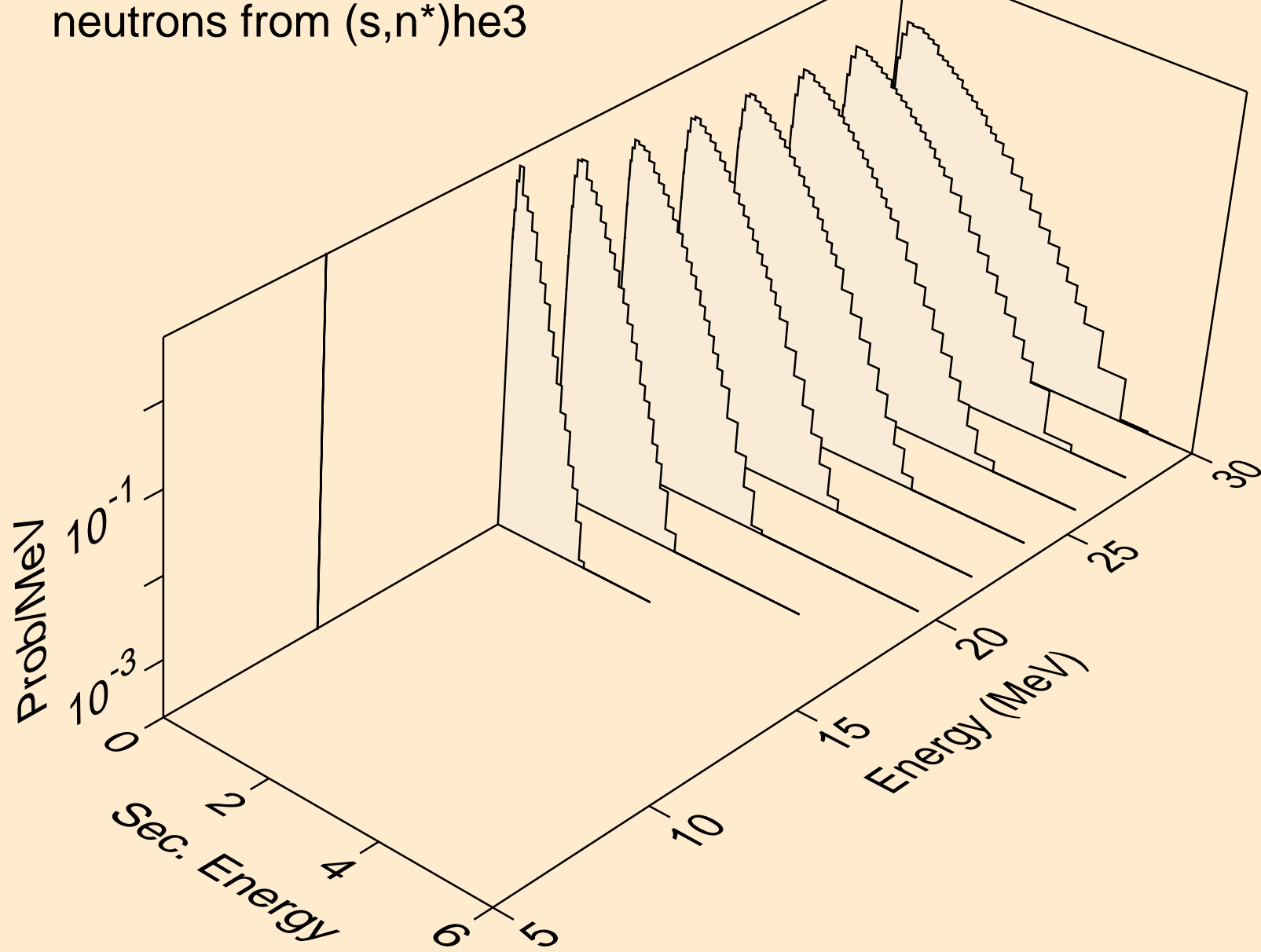
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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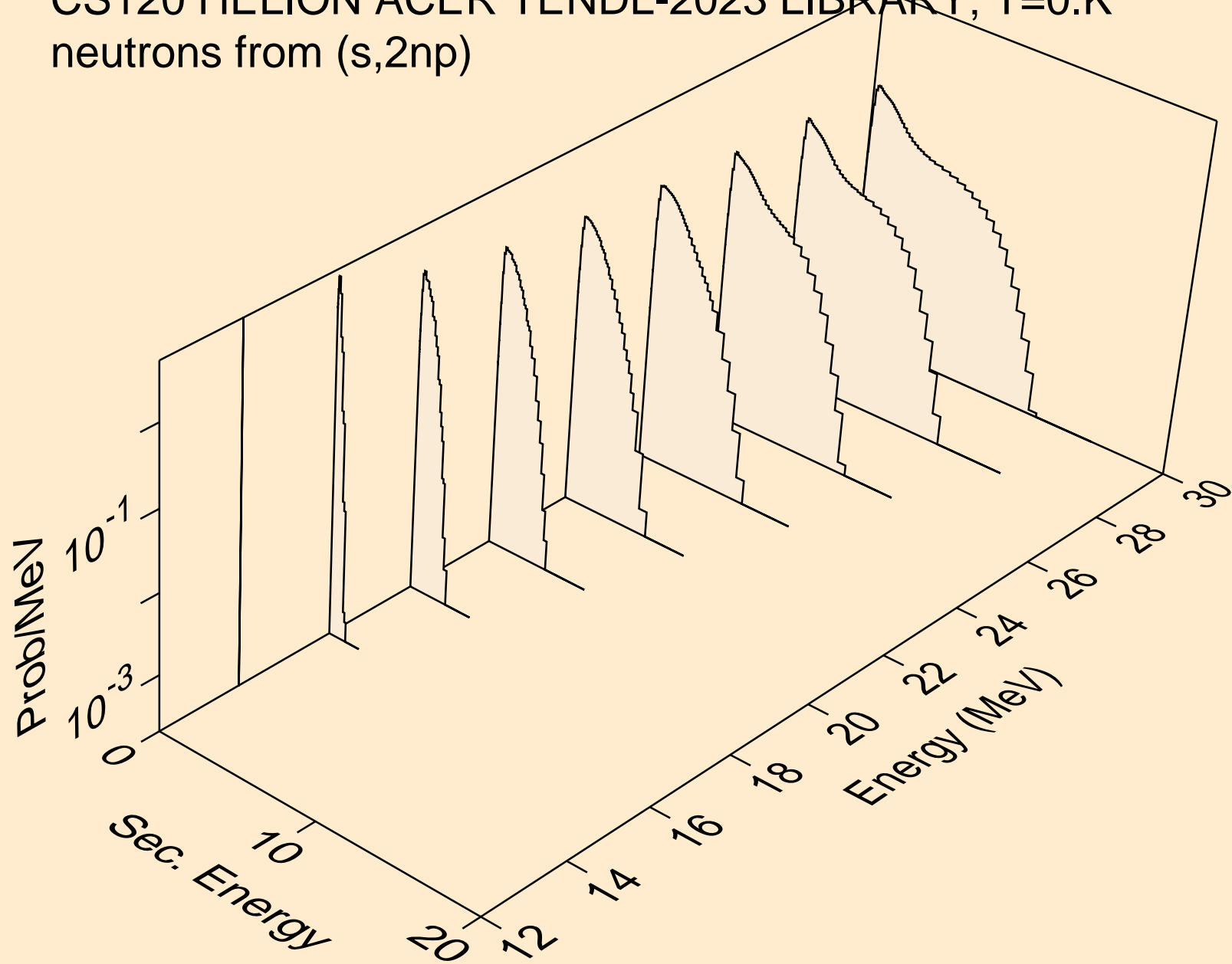
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



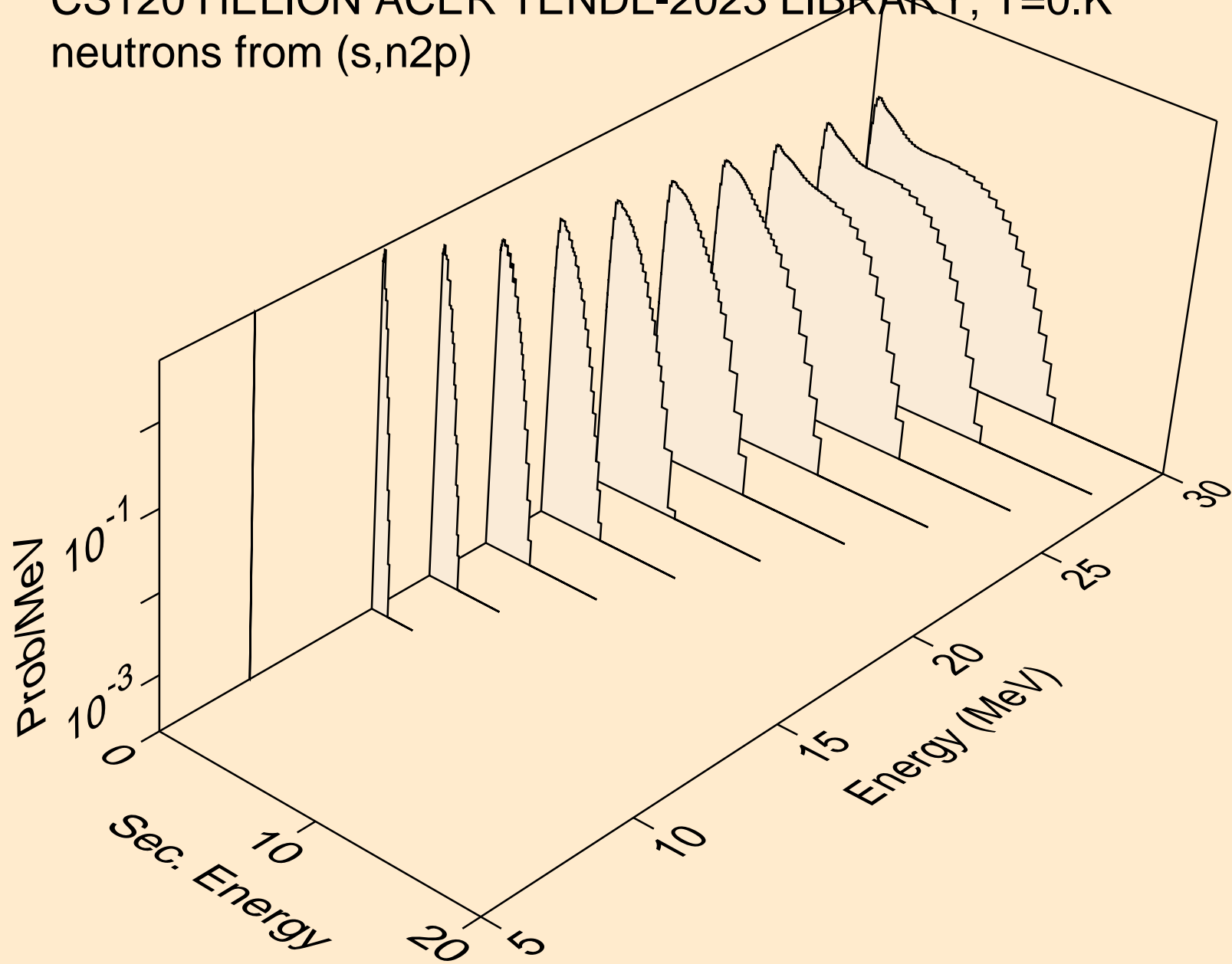
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

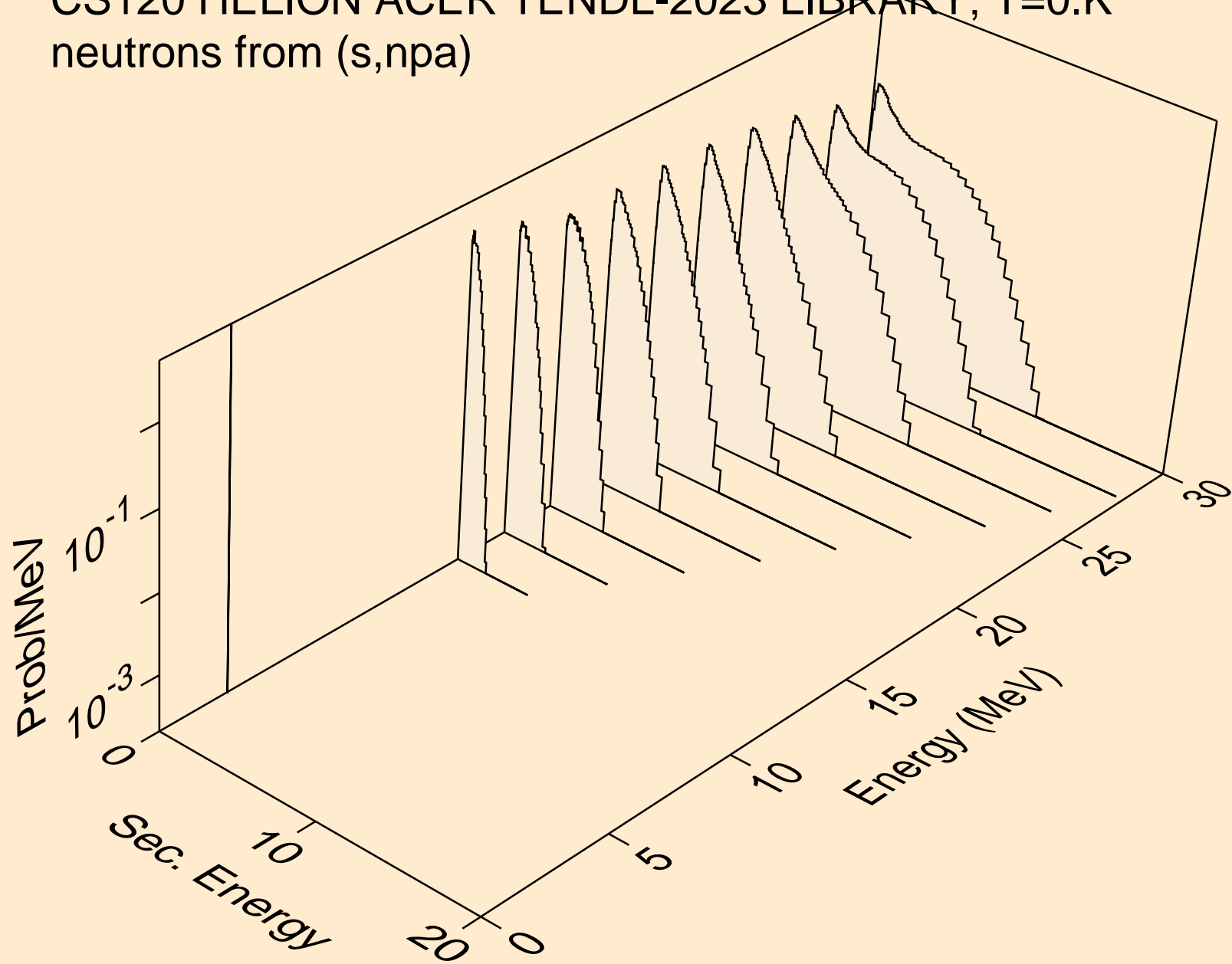


CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)

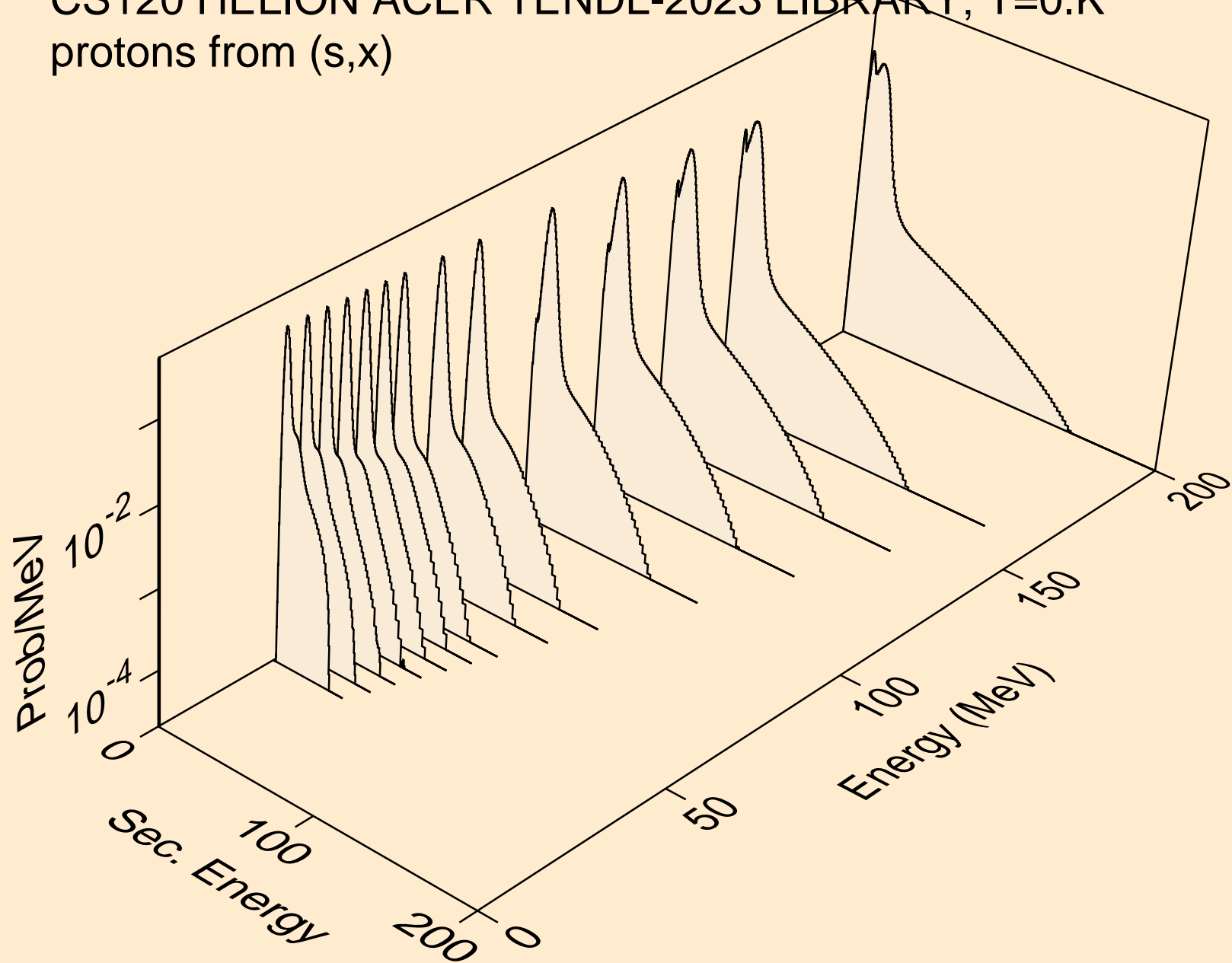




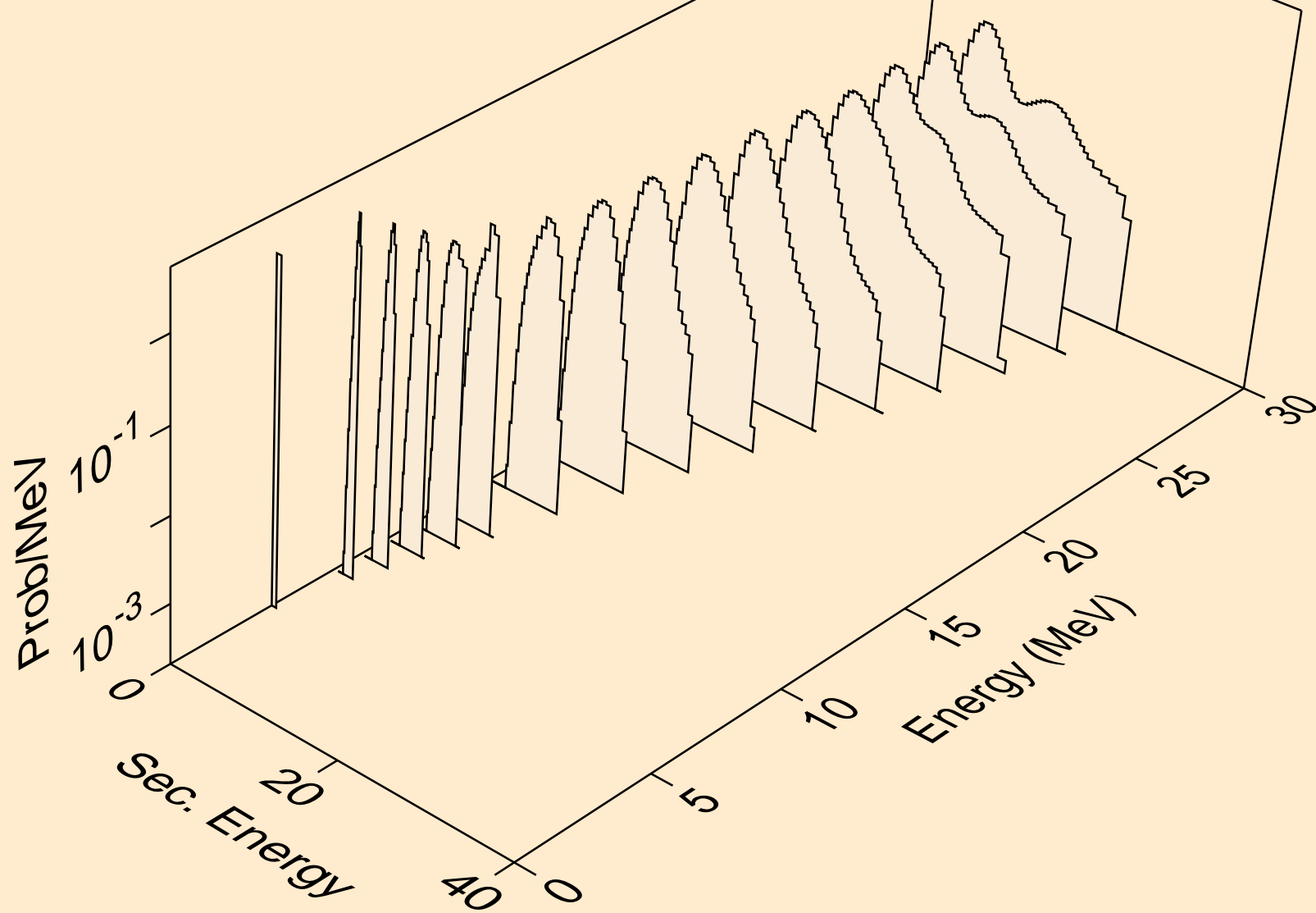
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neutrons from (s,npa)



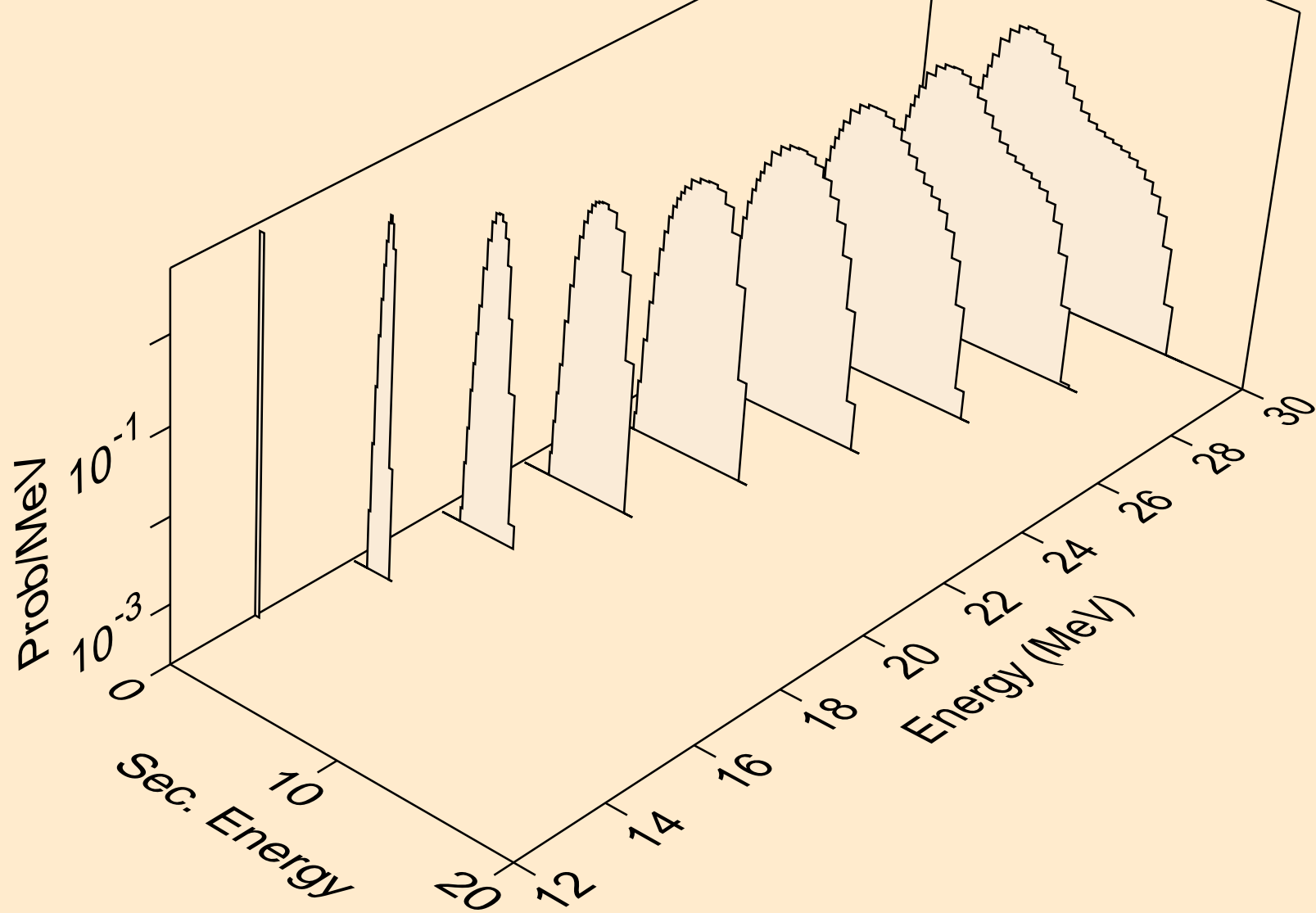
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



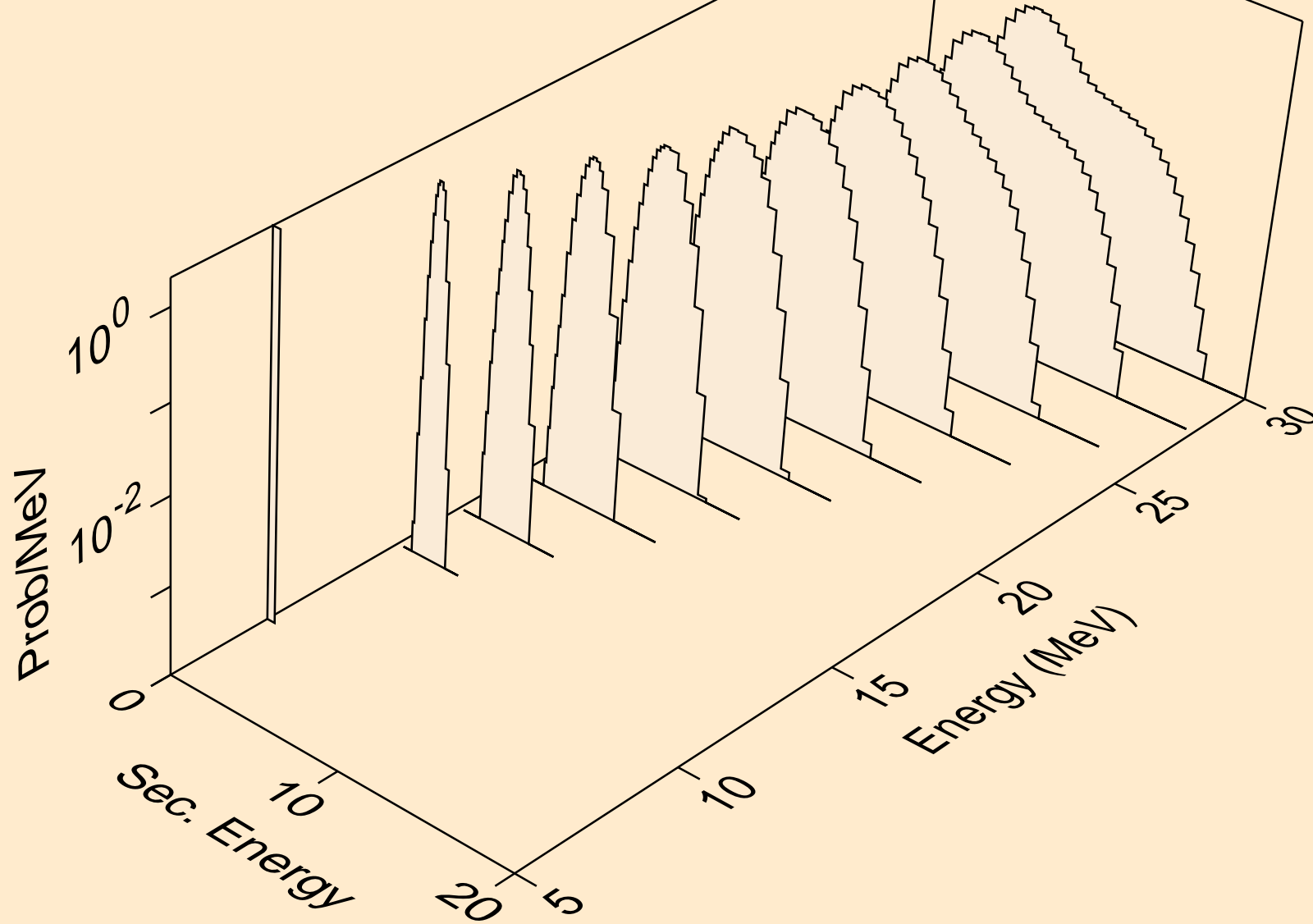
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



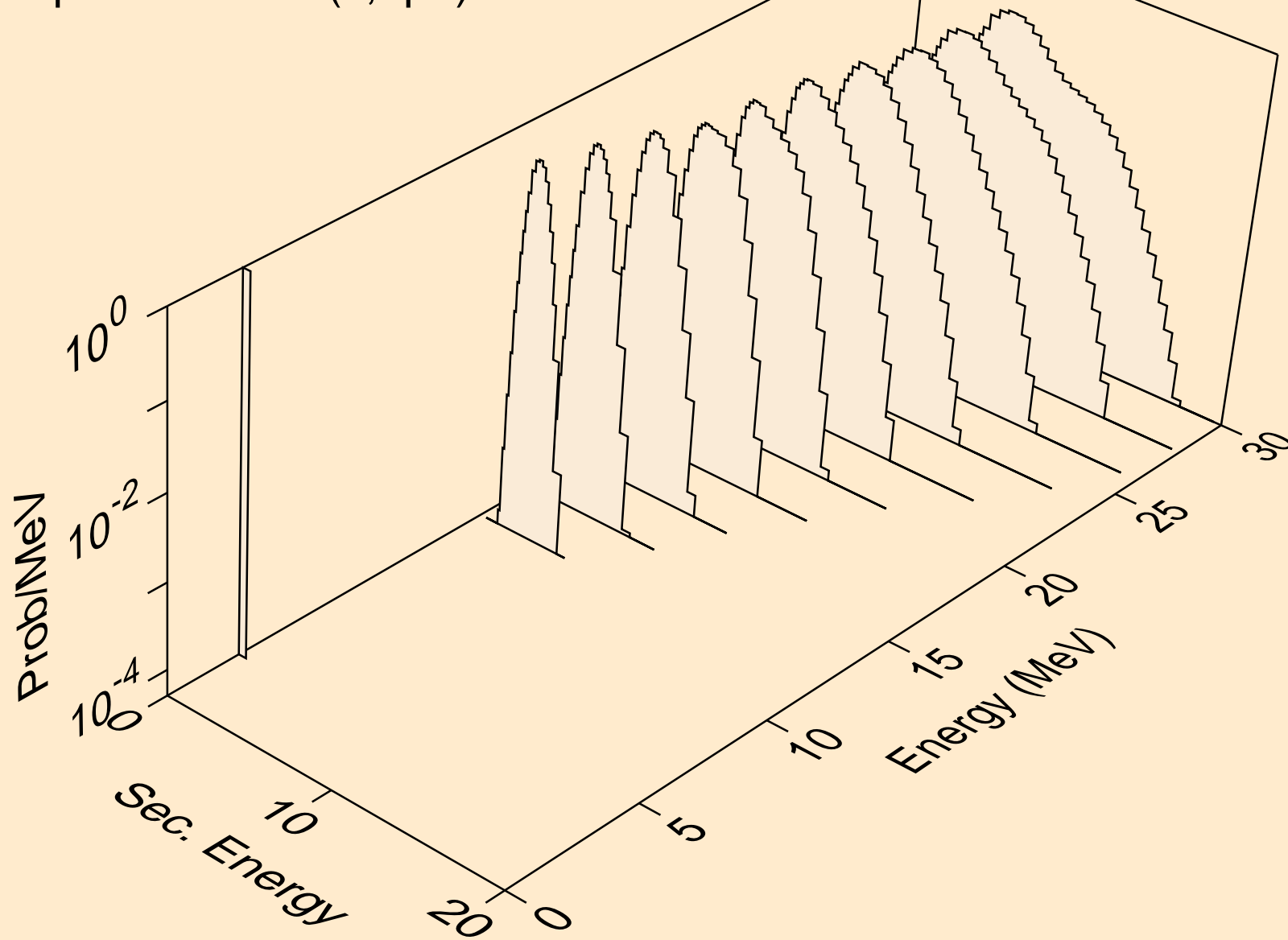
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



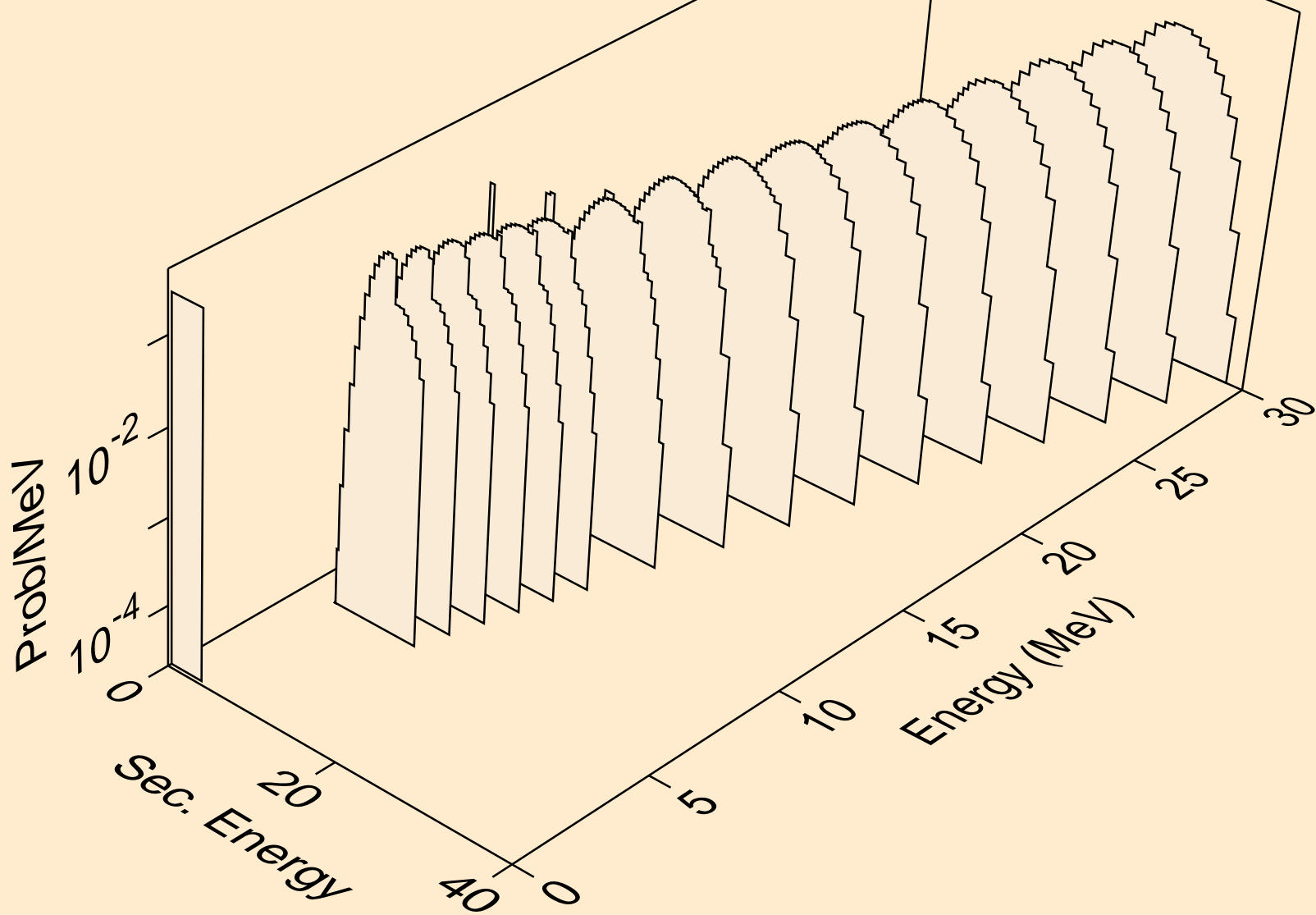
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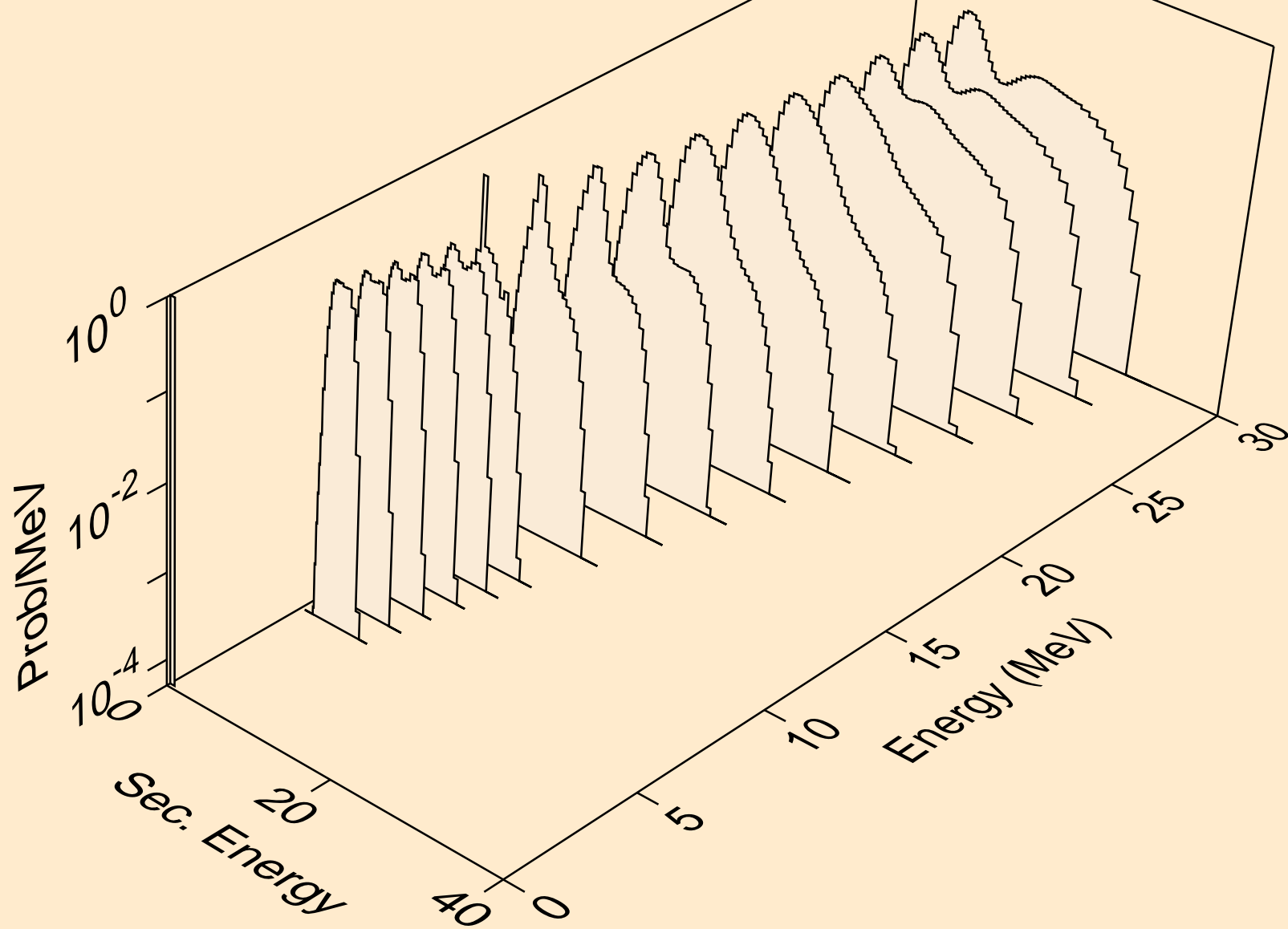
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)

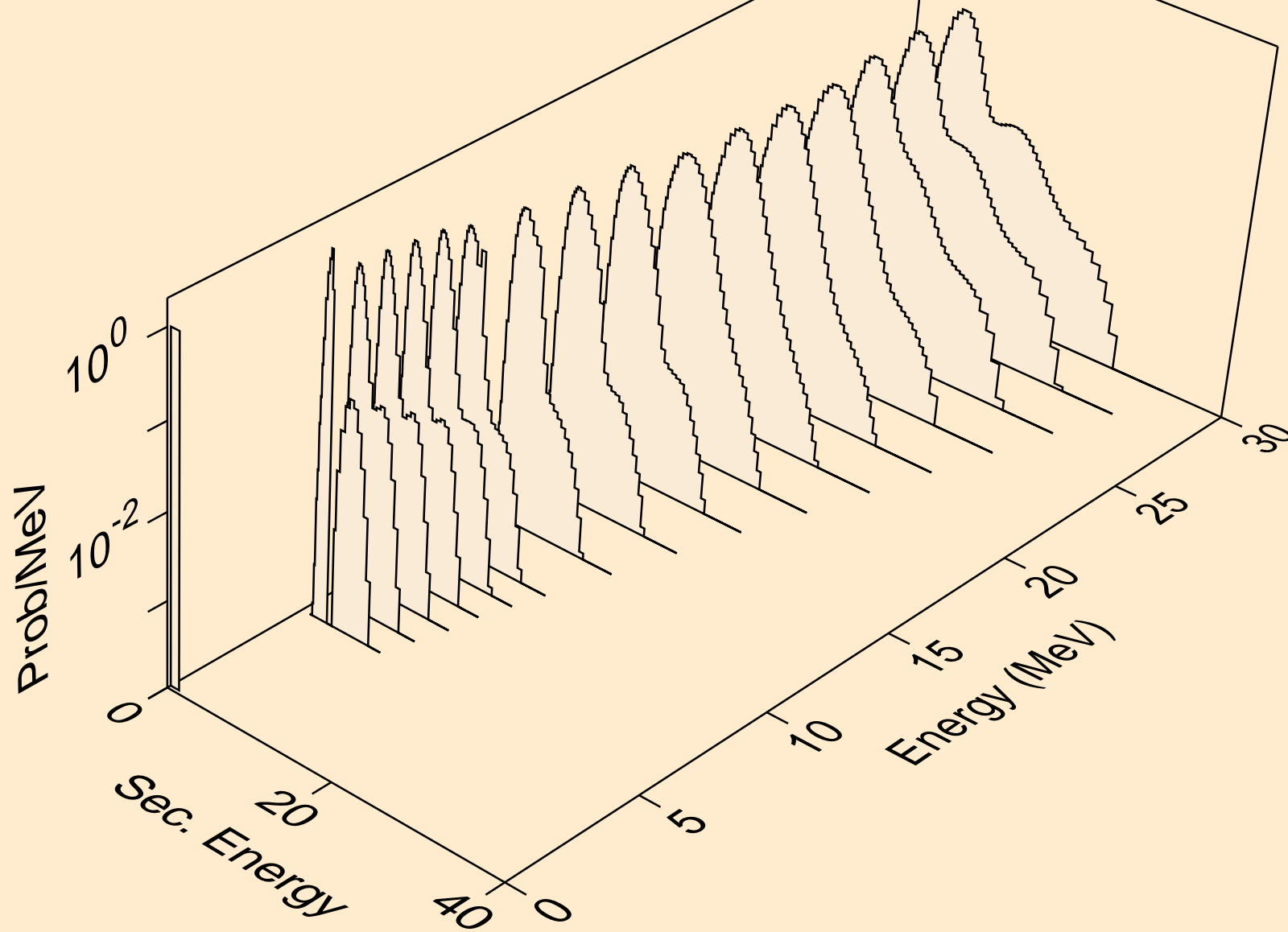


CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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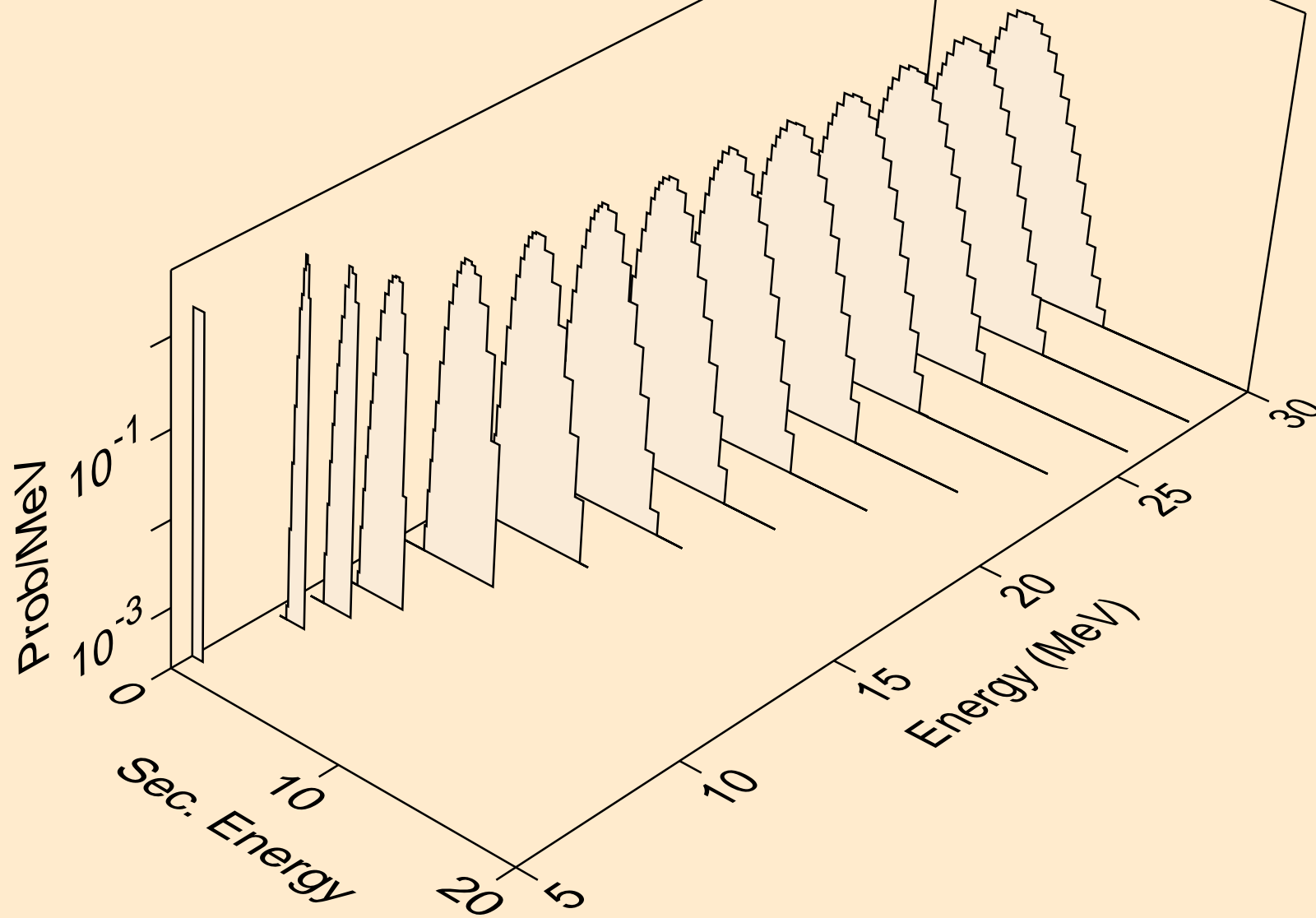




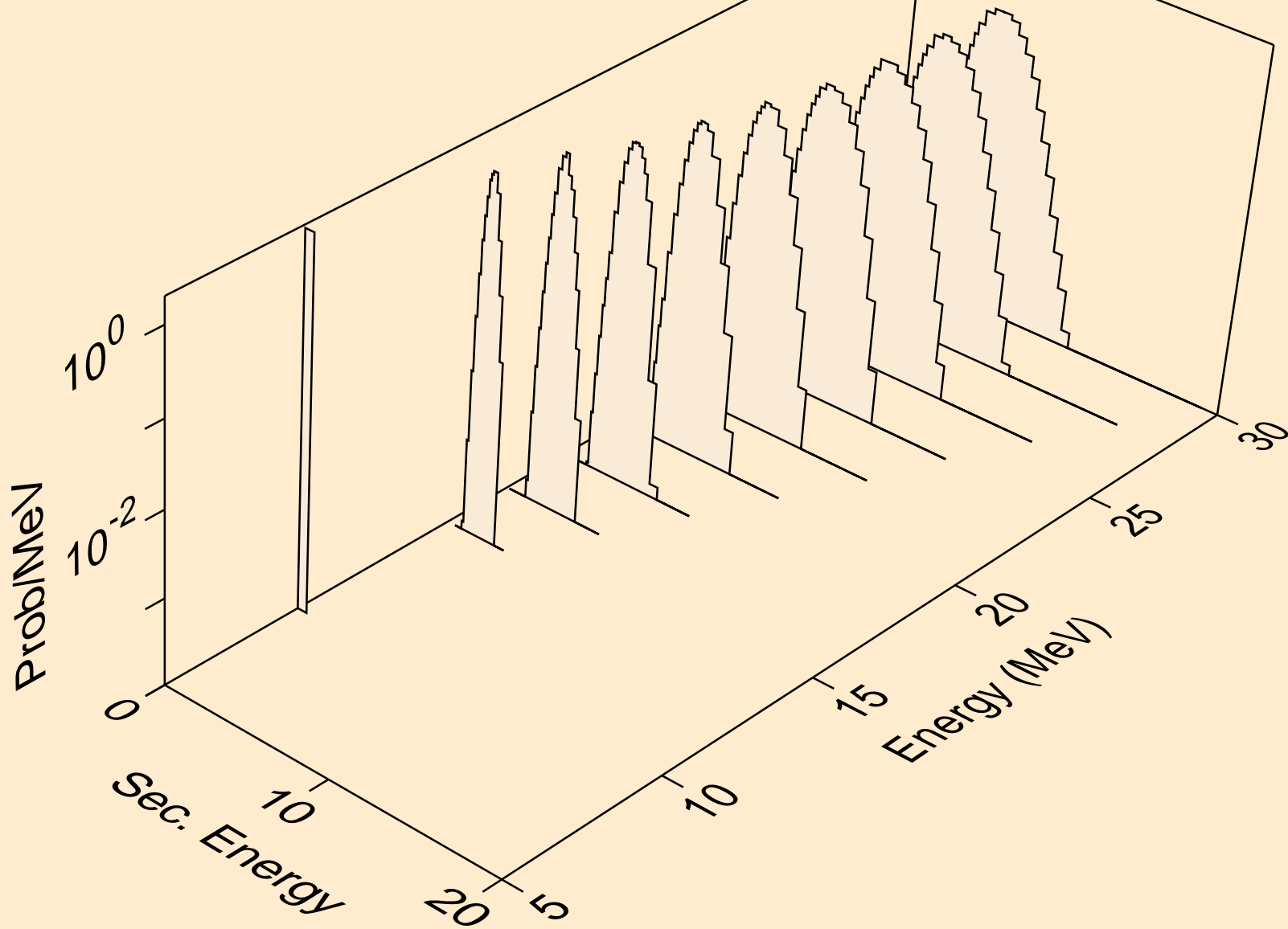
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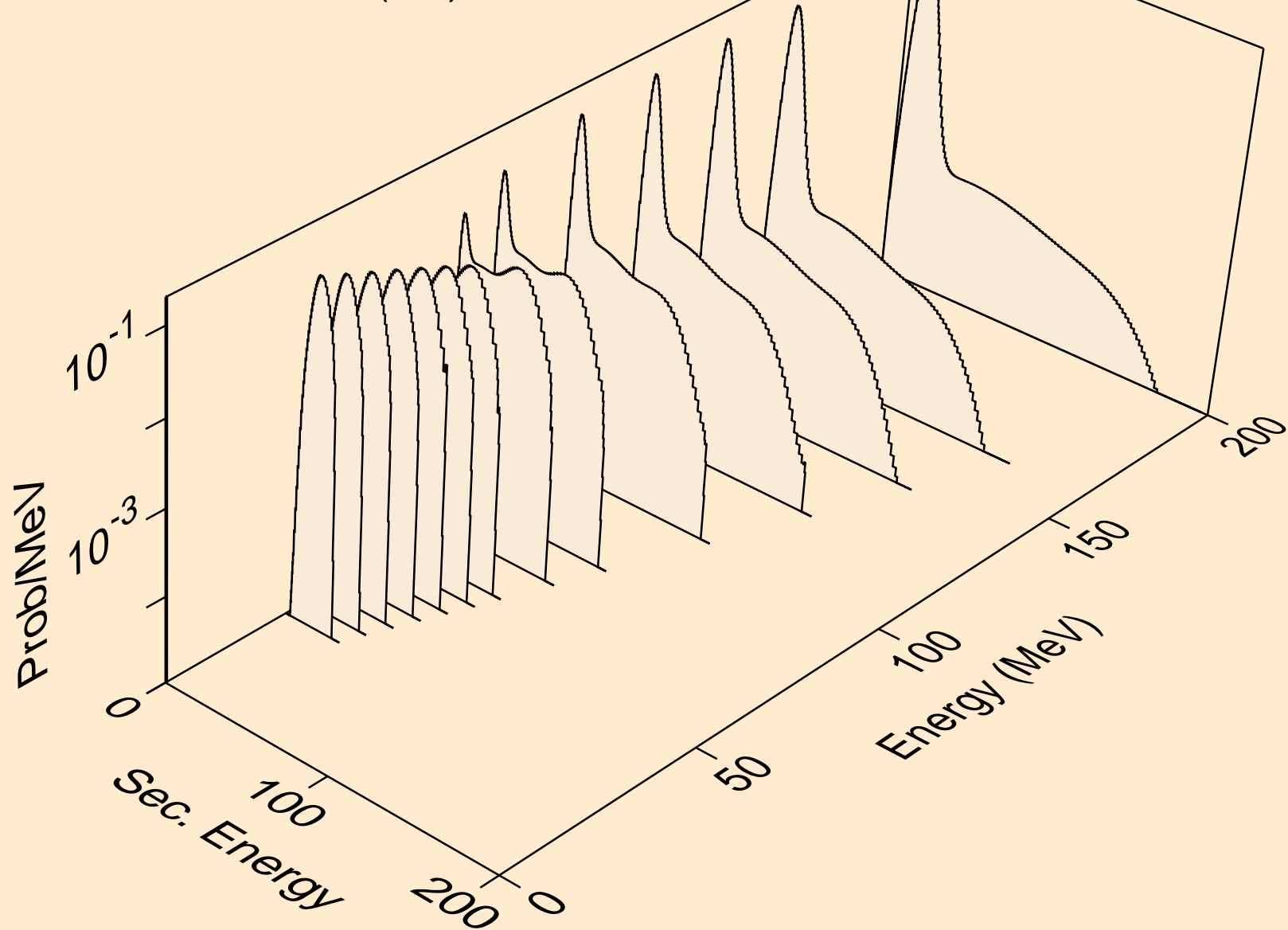
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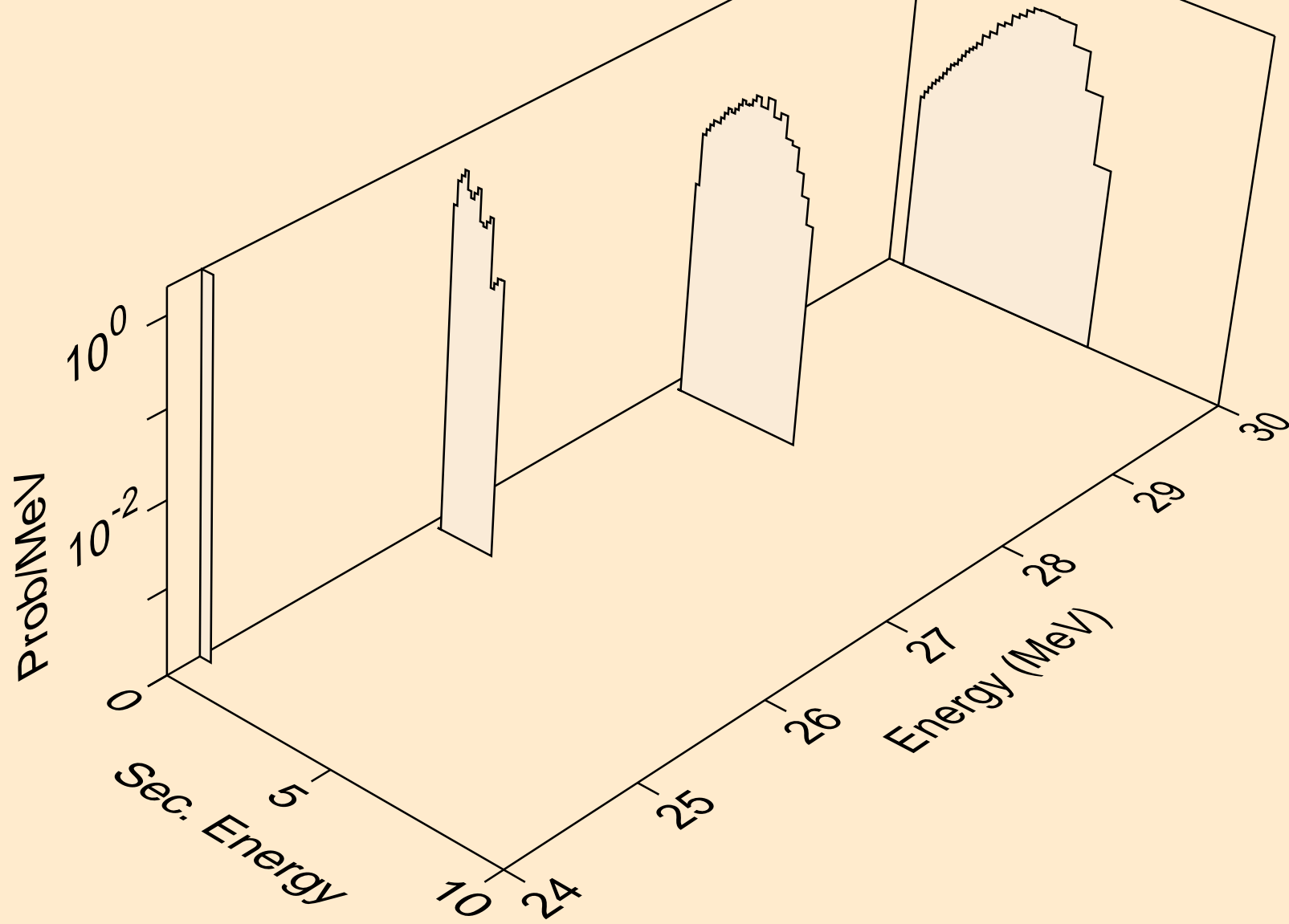
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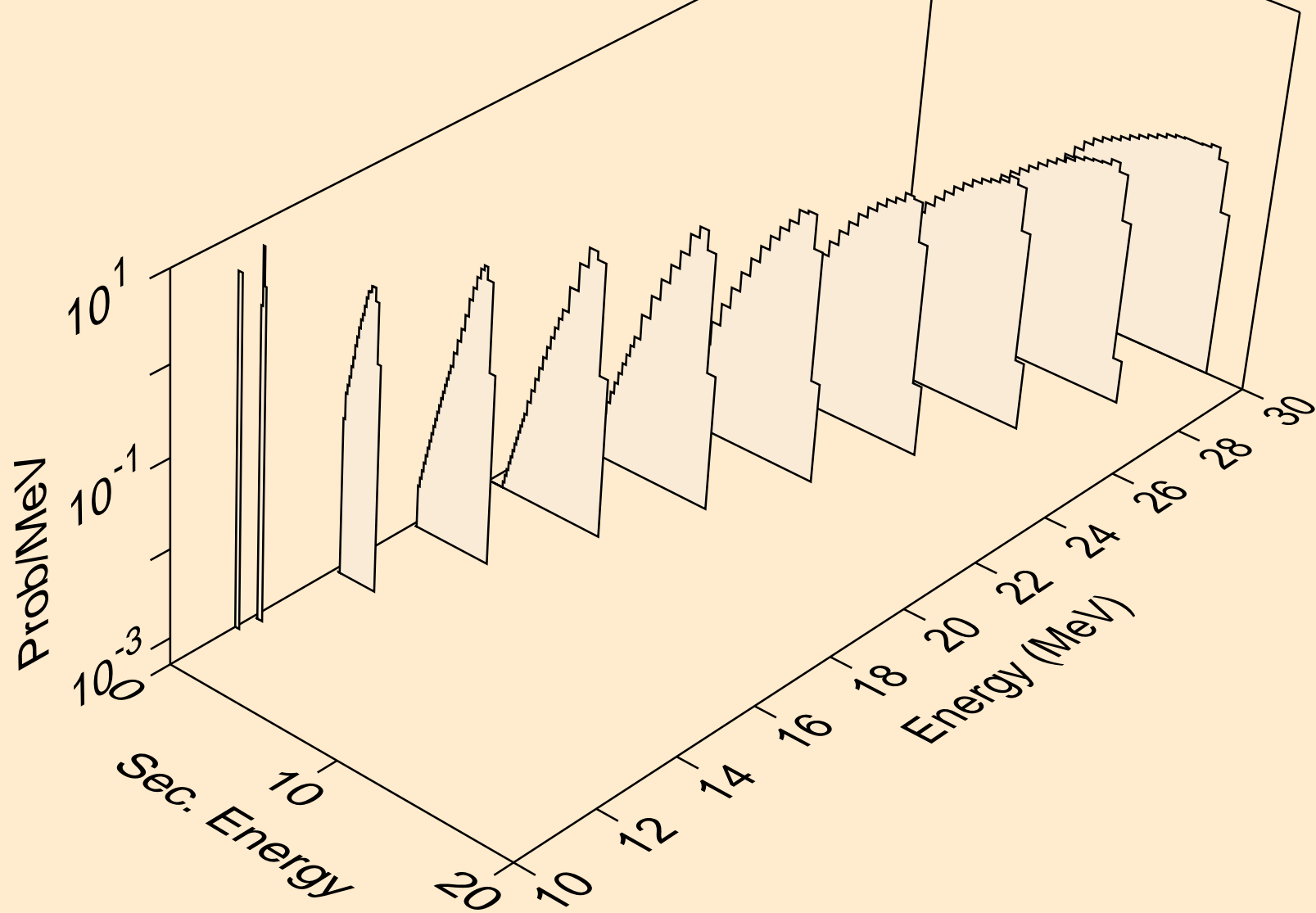
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



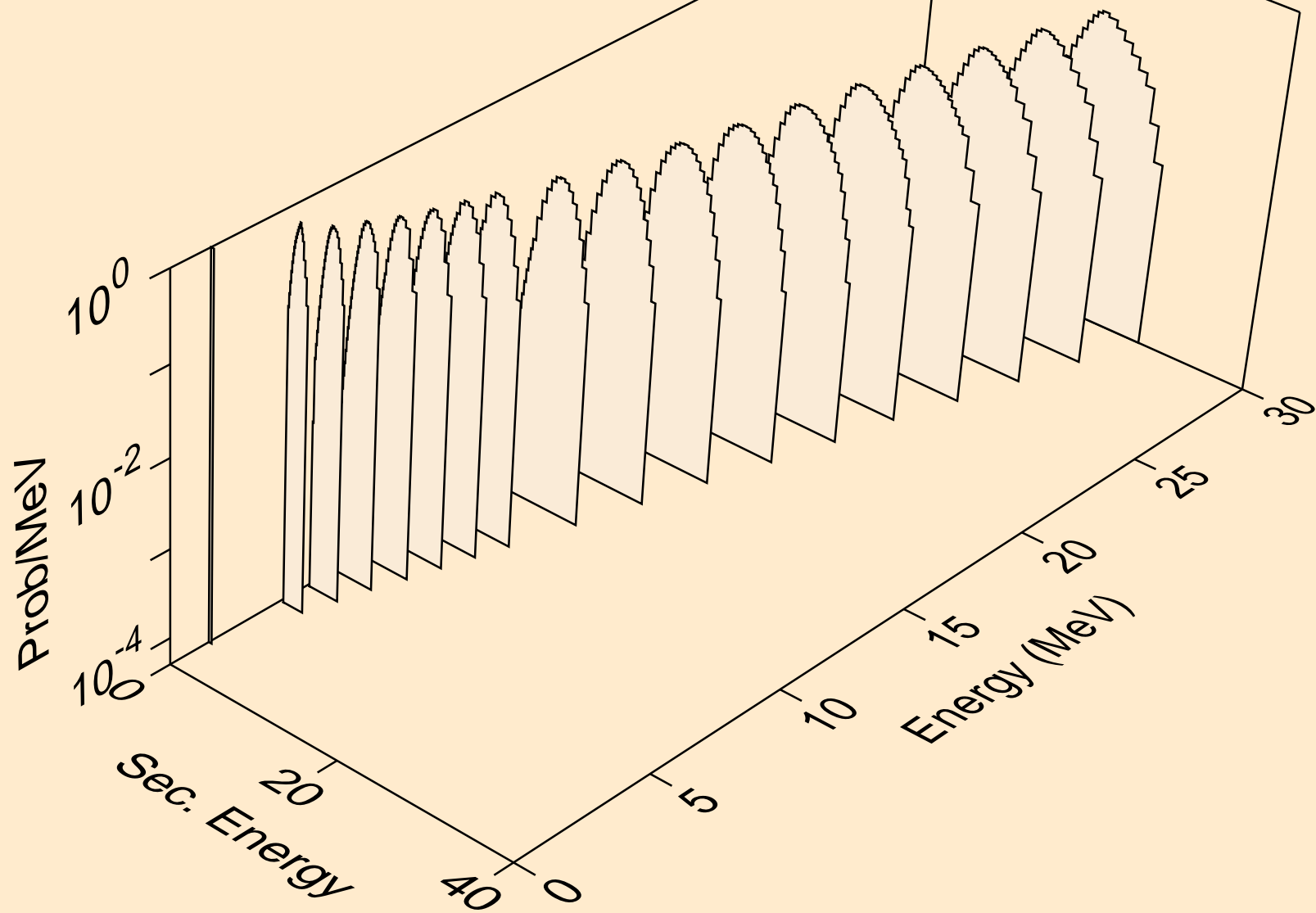
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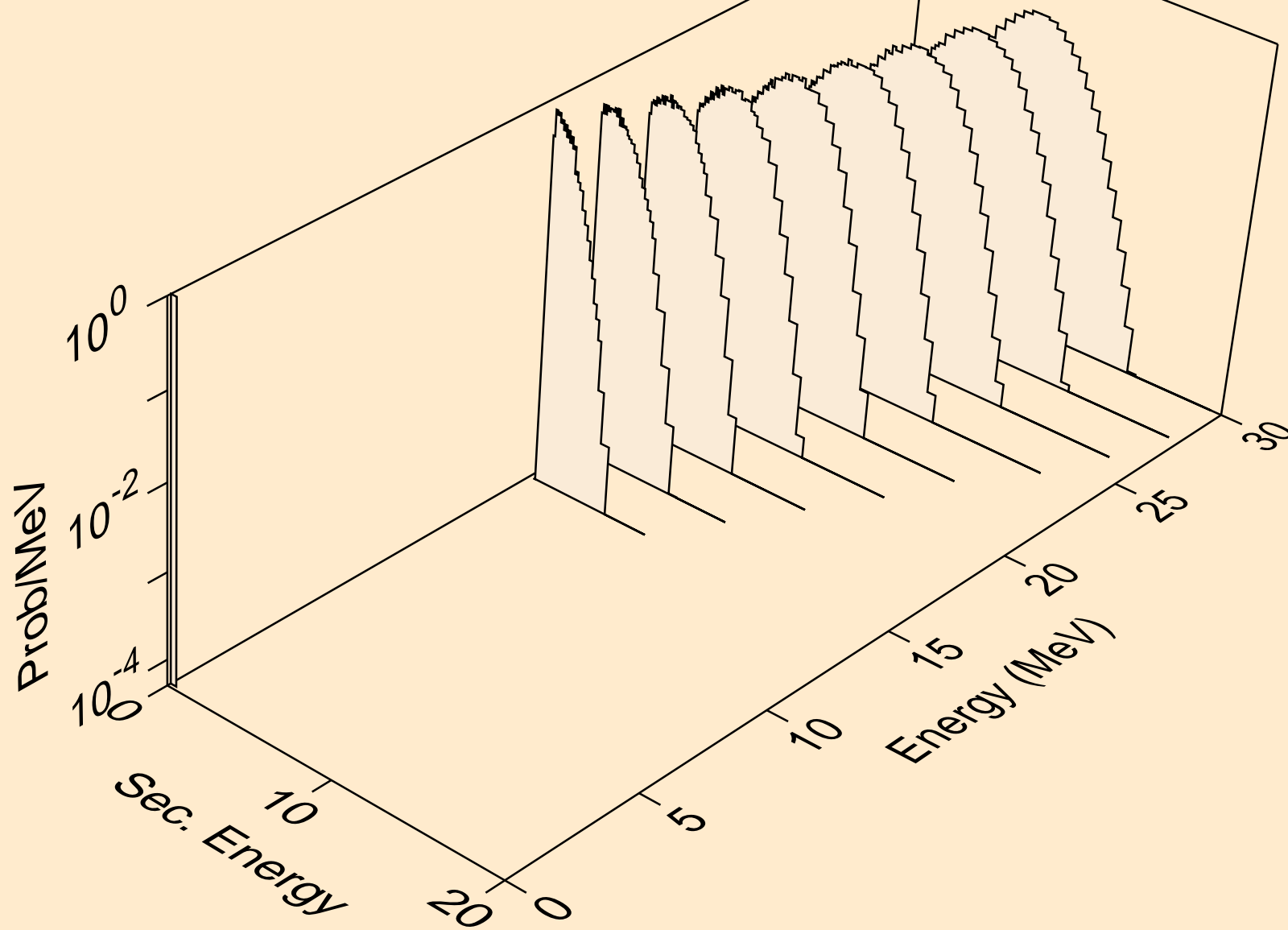
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)

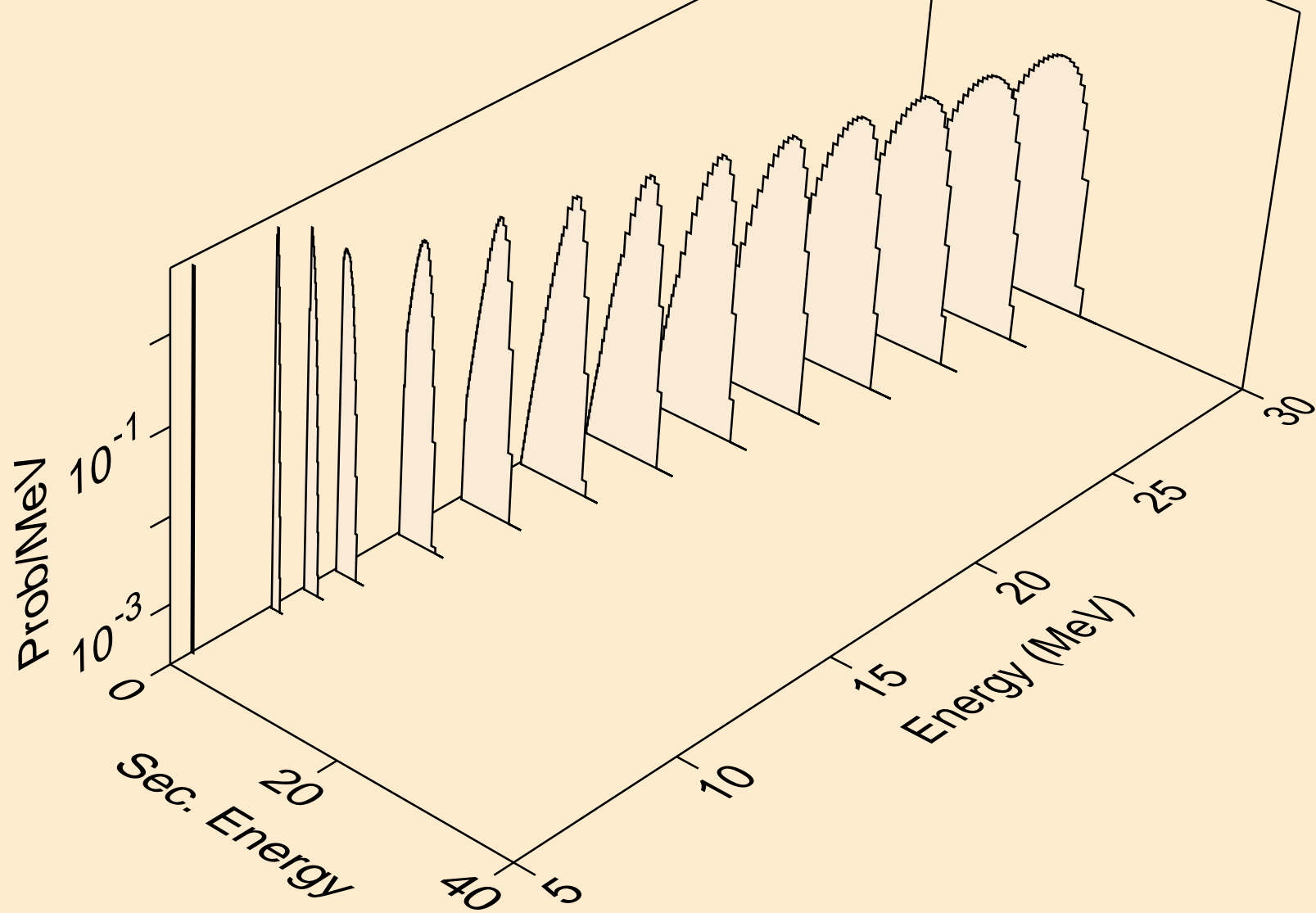


CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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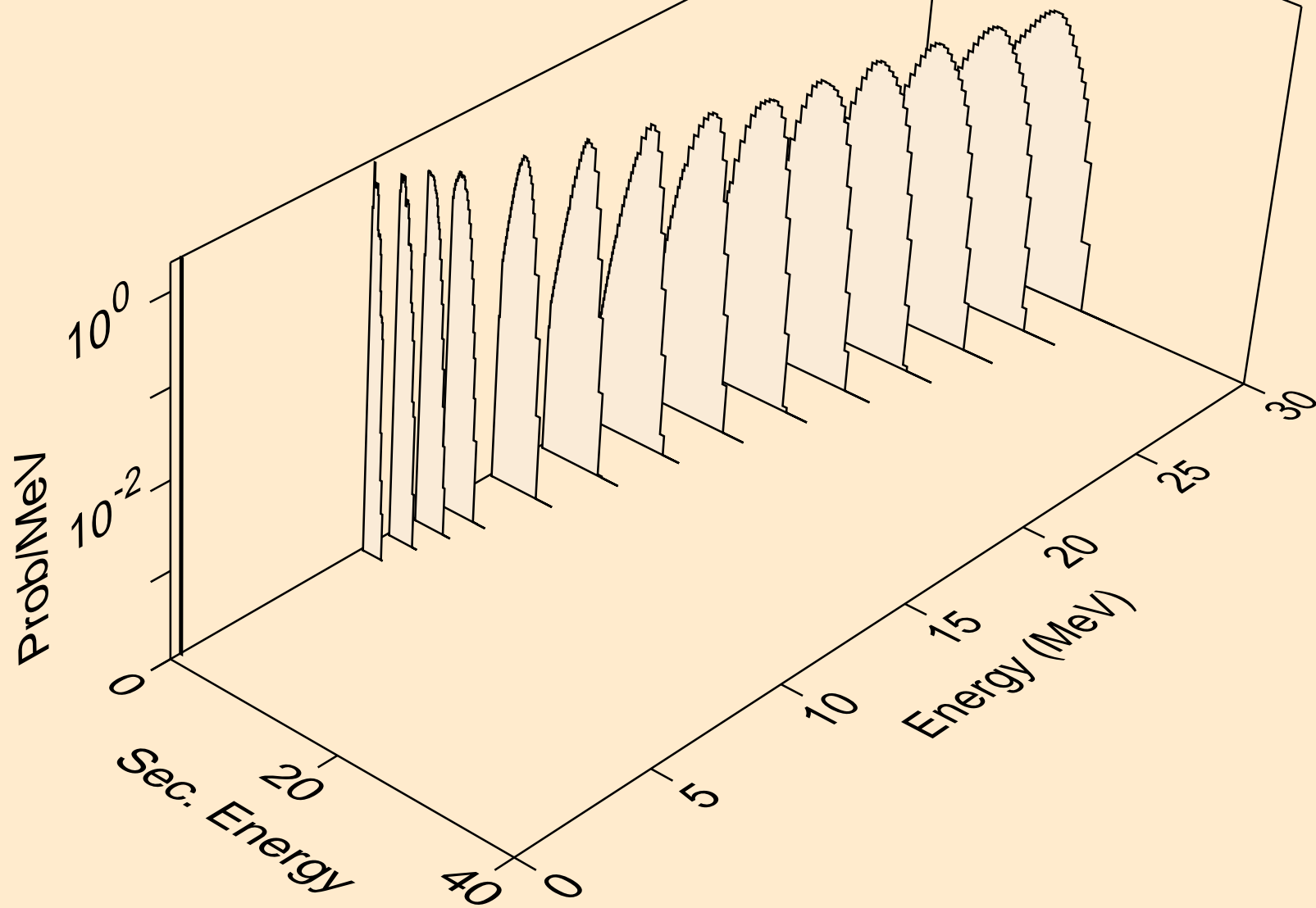




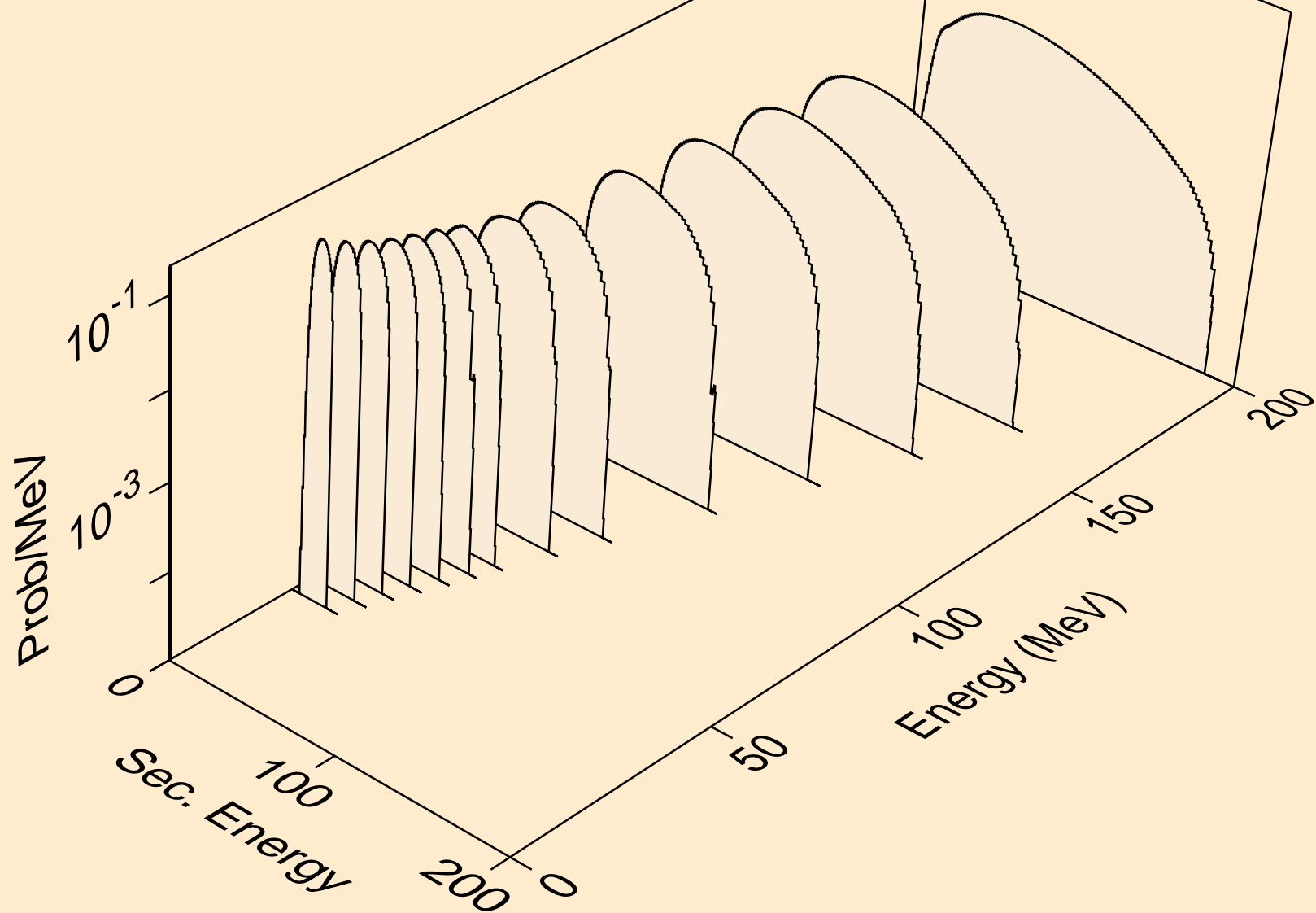
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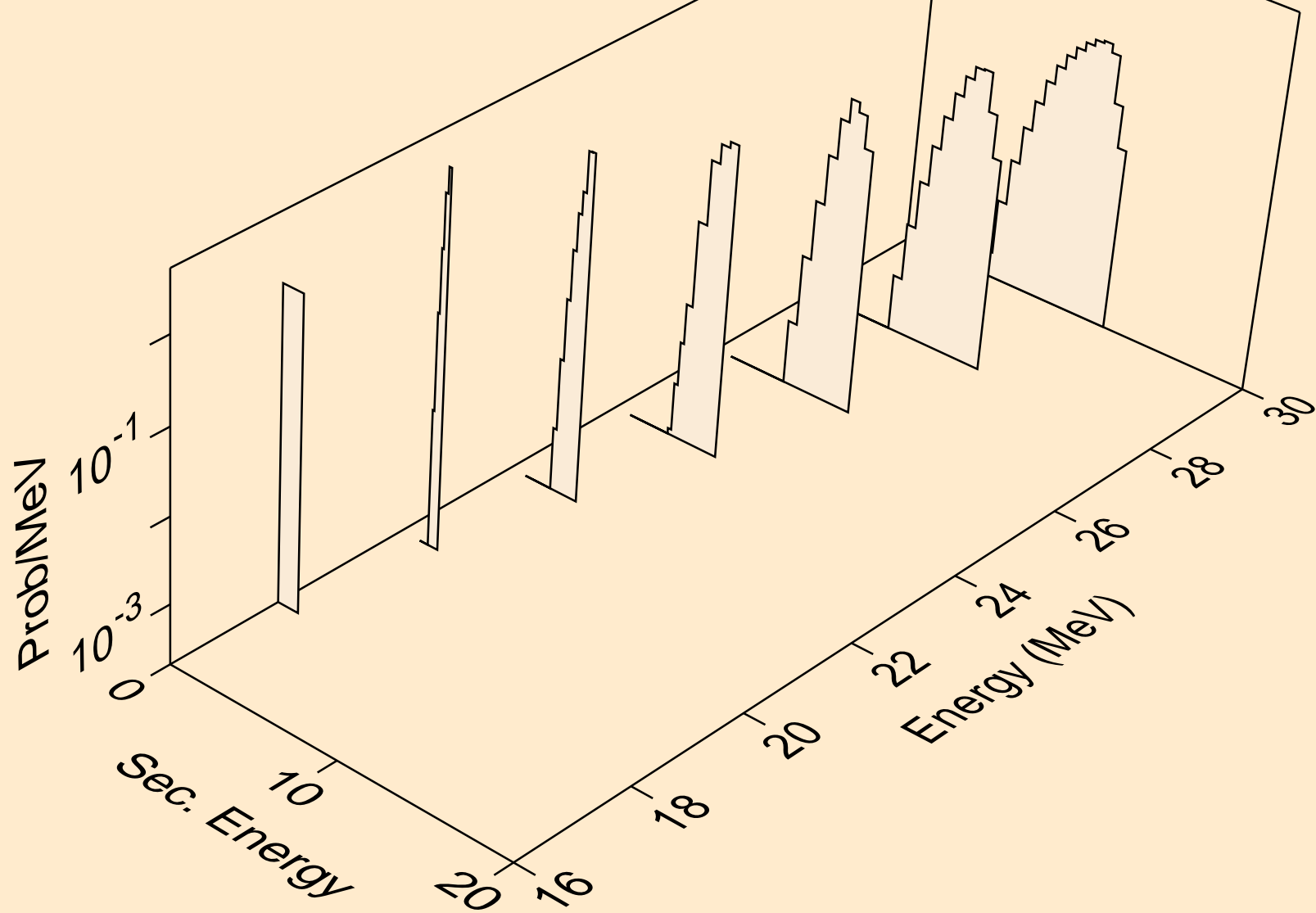
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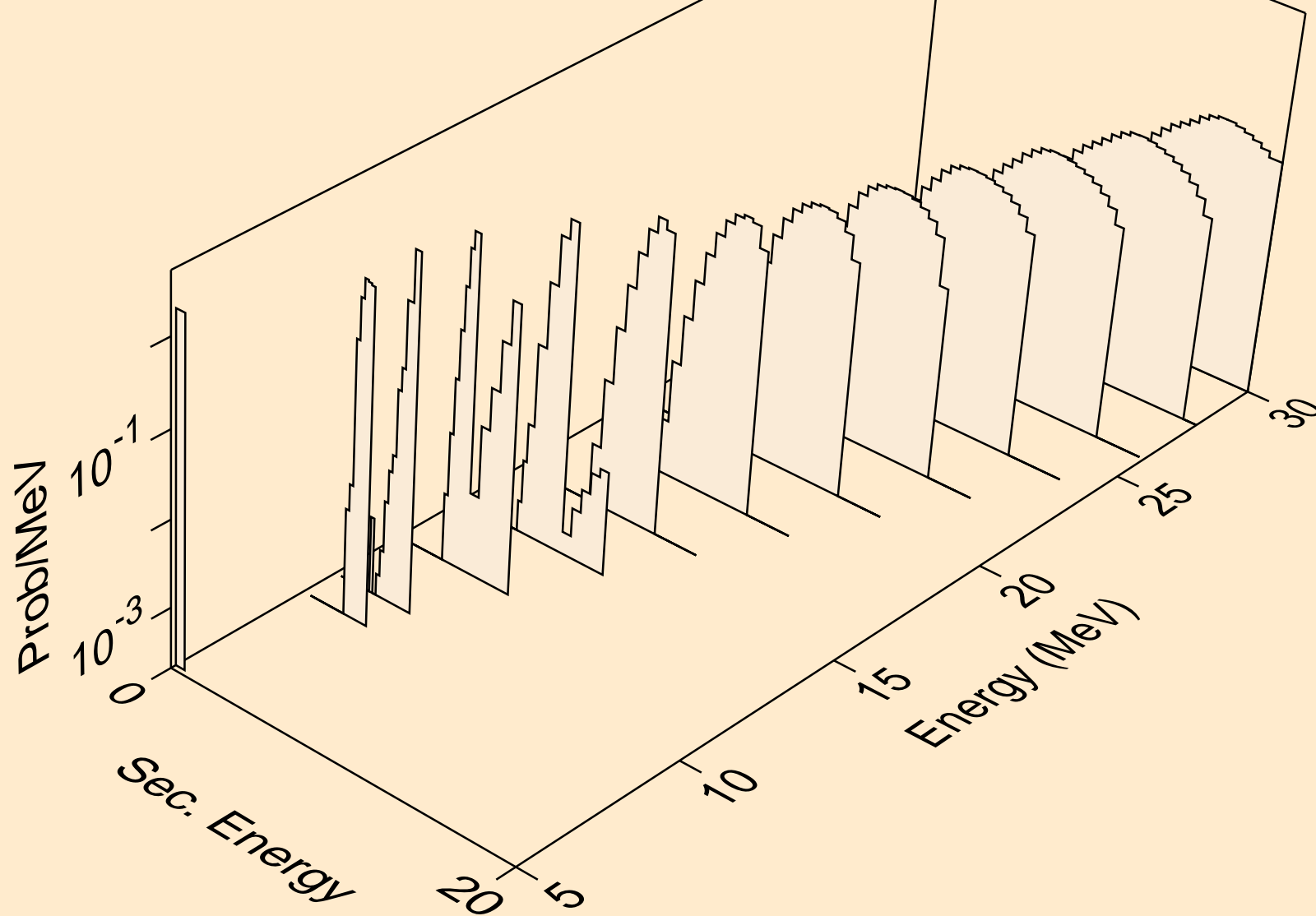
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tritons from (s,x)



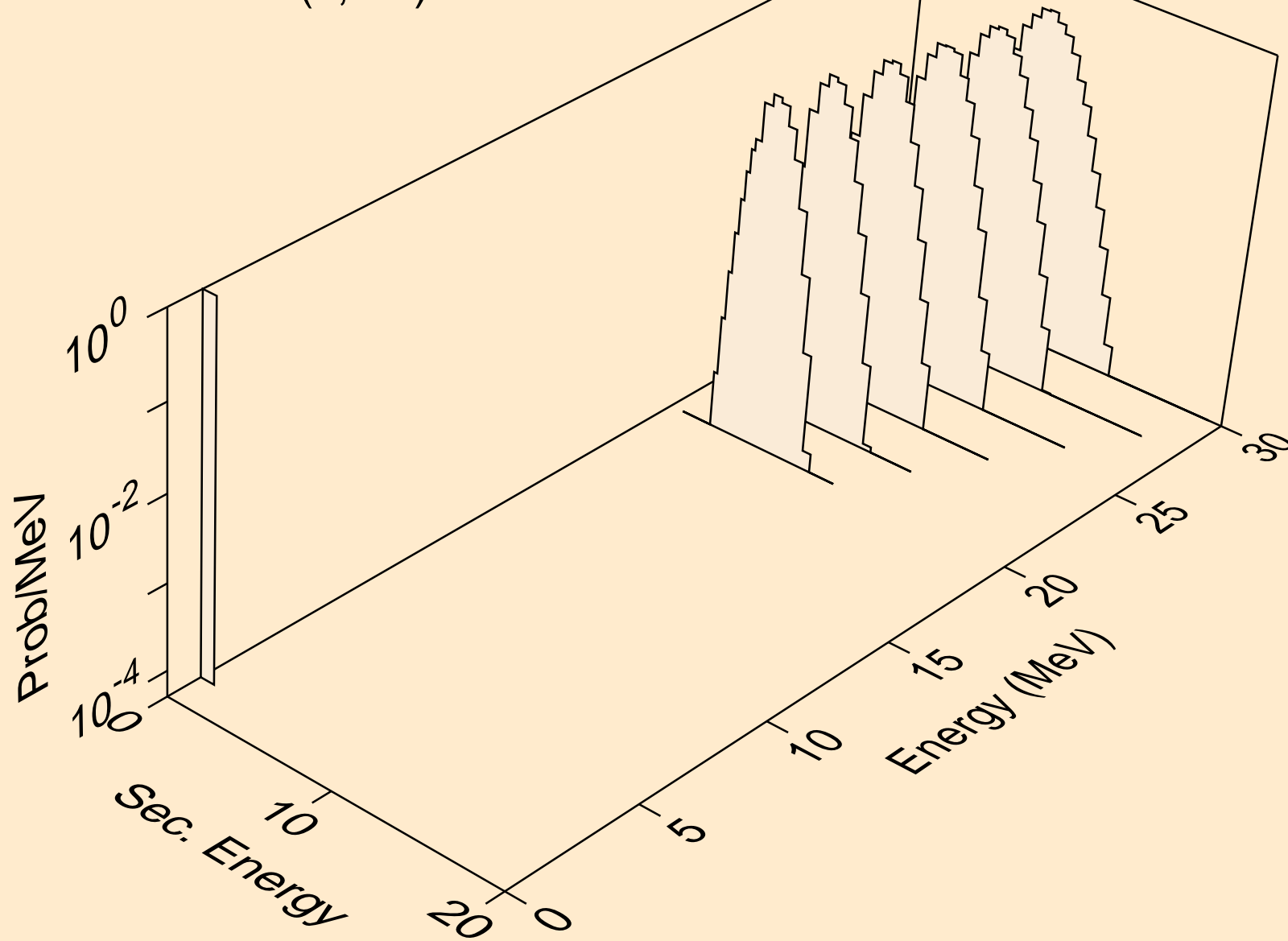
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



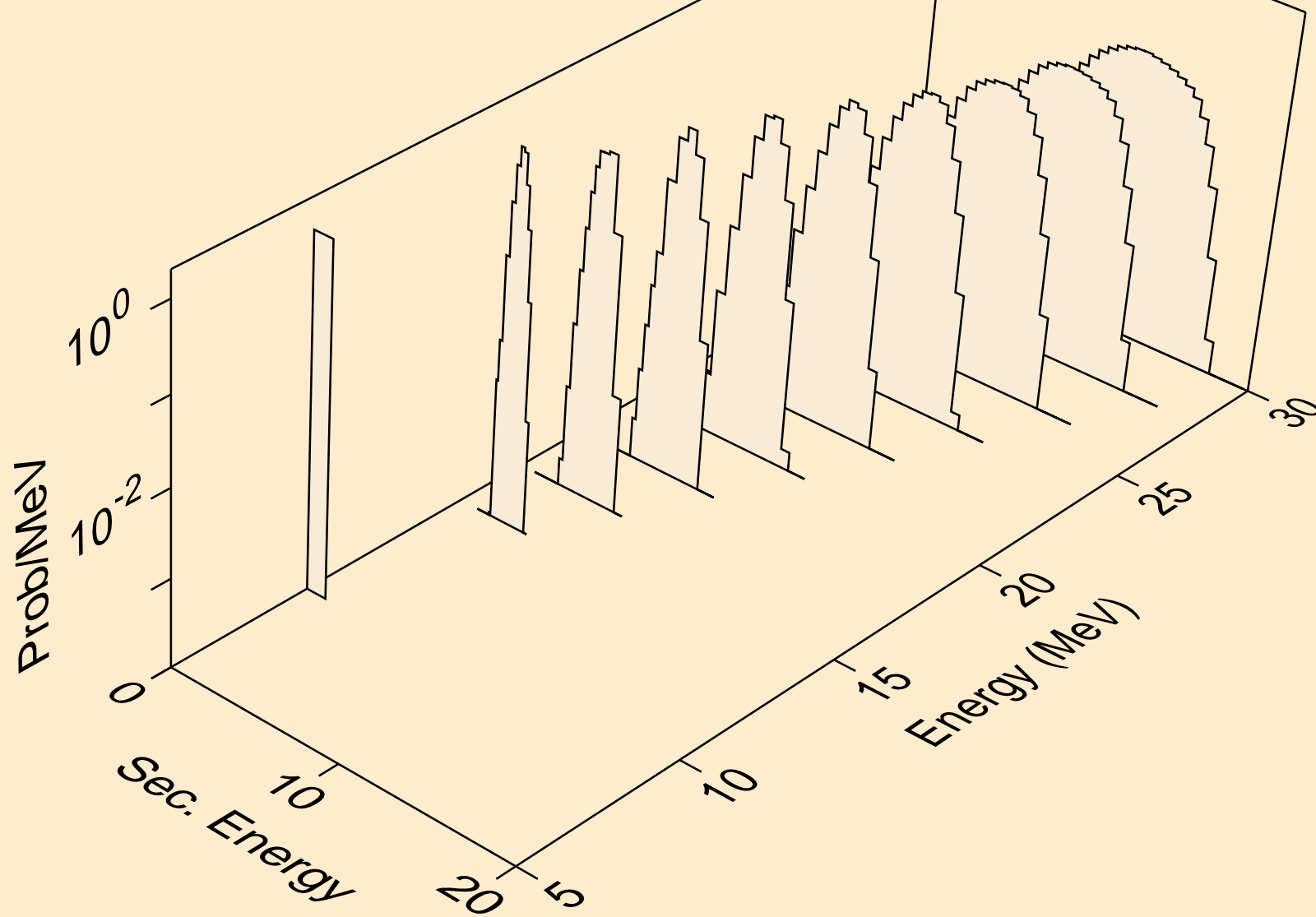
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tritons from (s,t)



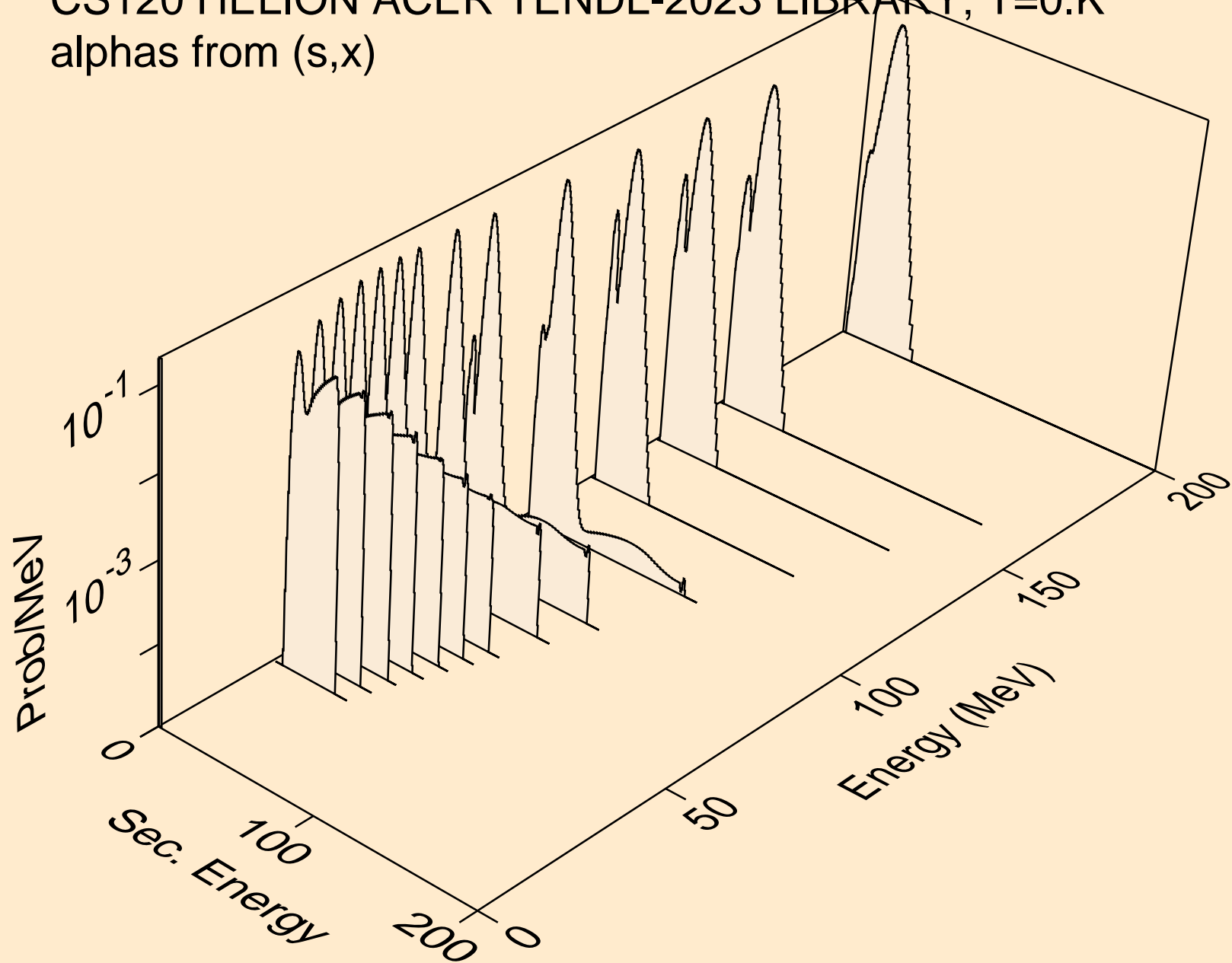
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t2a)



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)

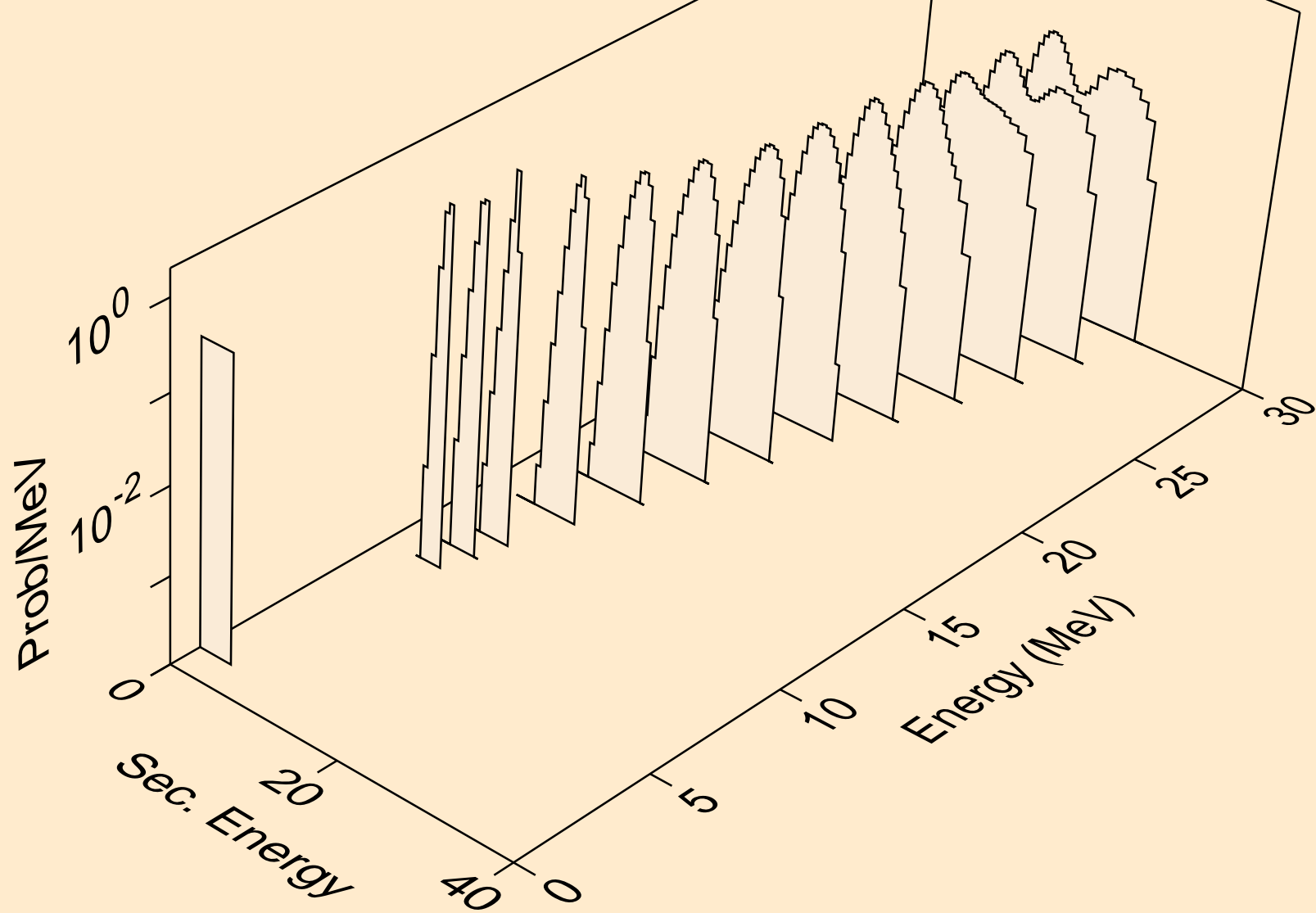


CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)

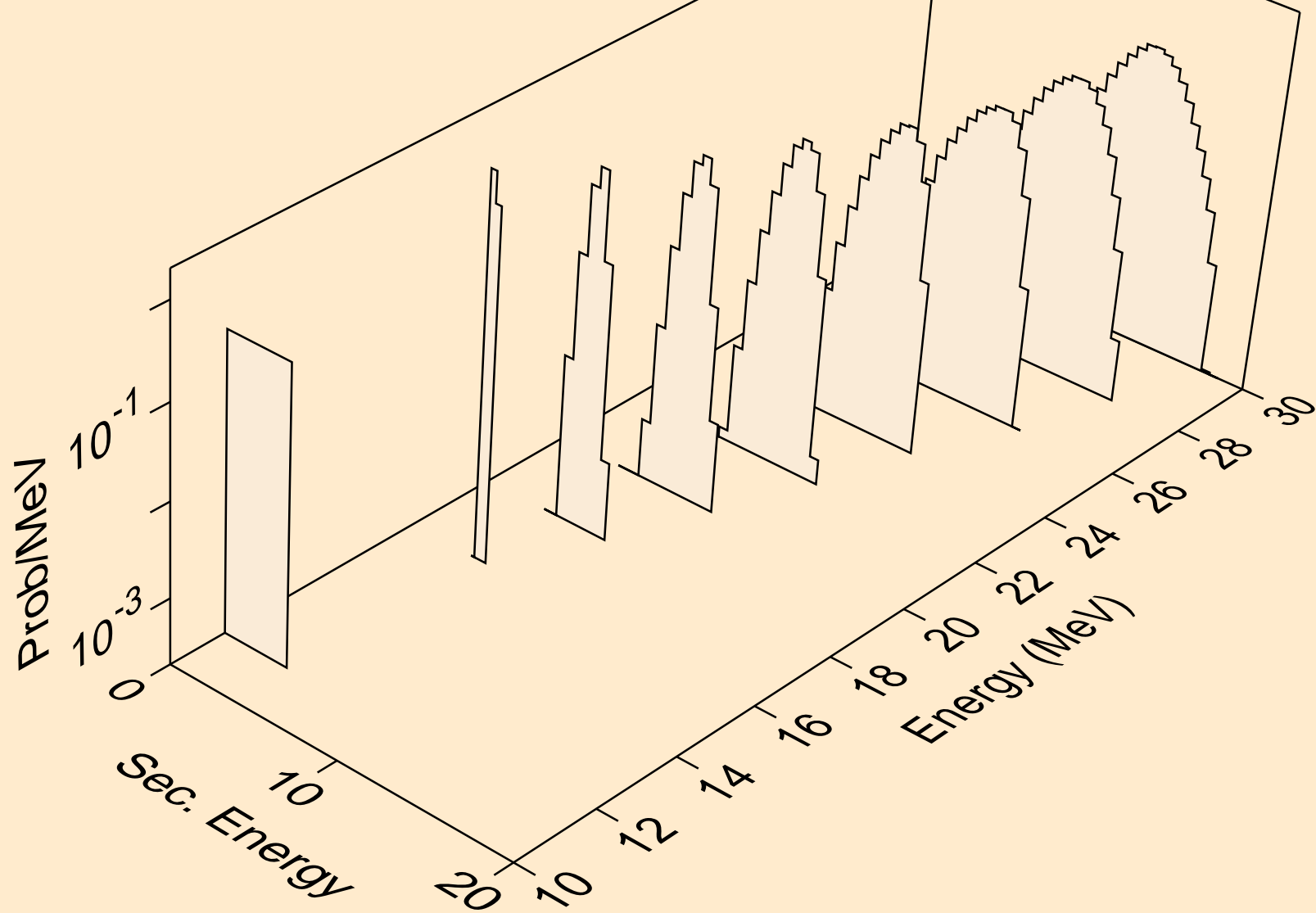




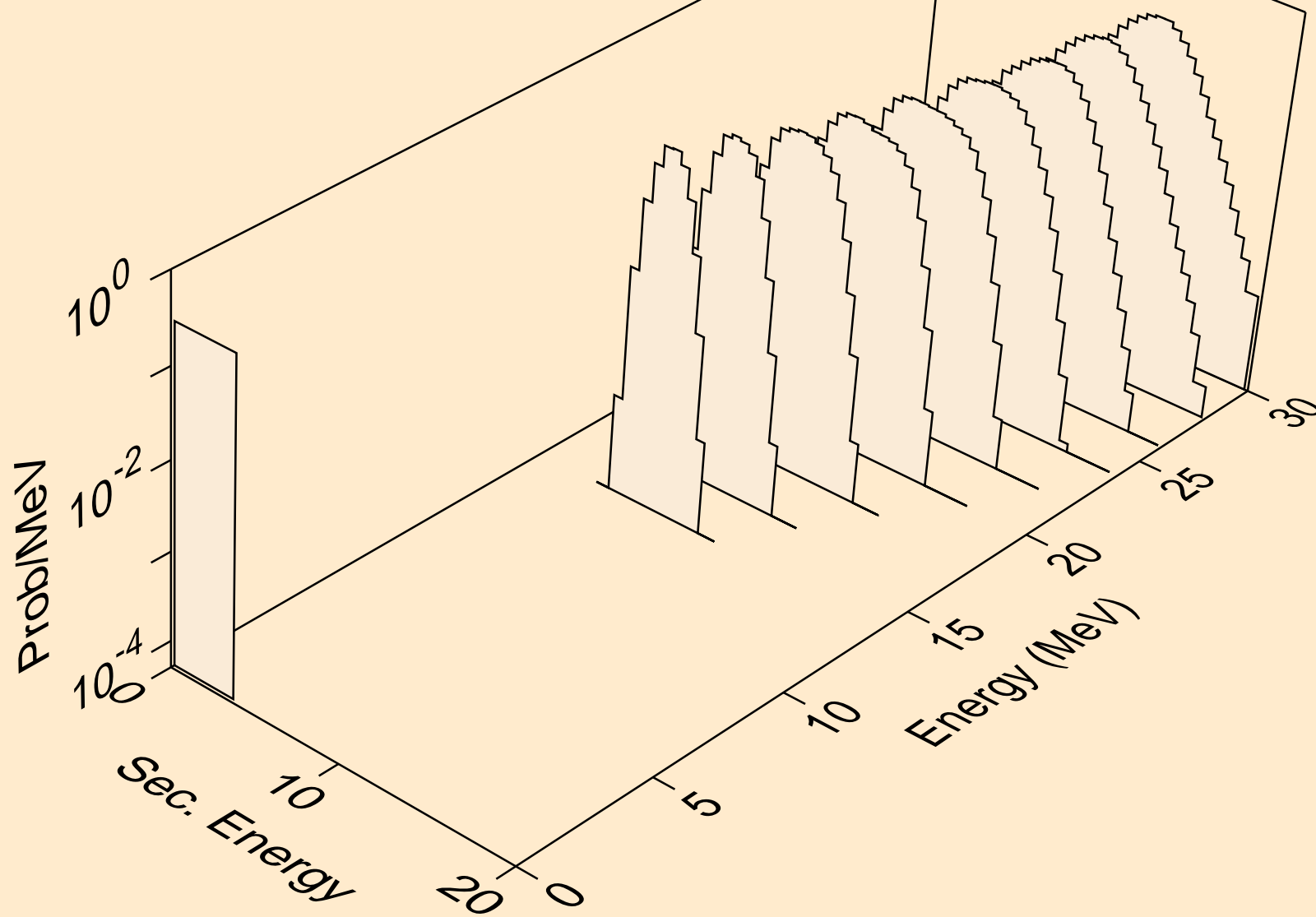
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alphas from (s,n\*)a



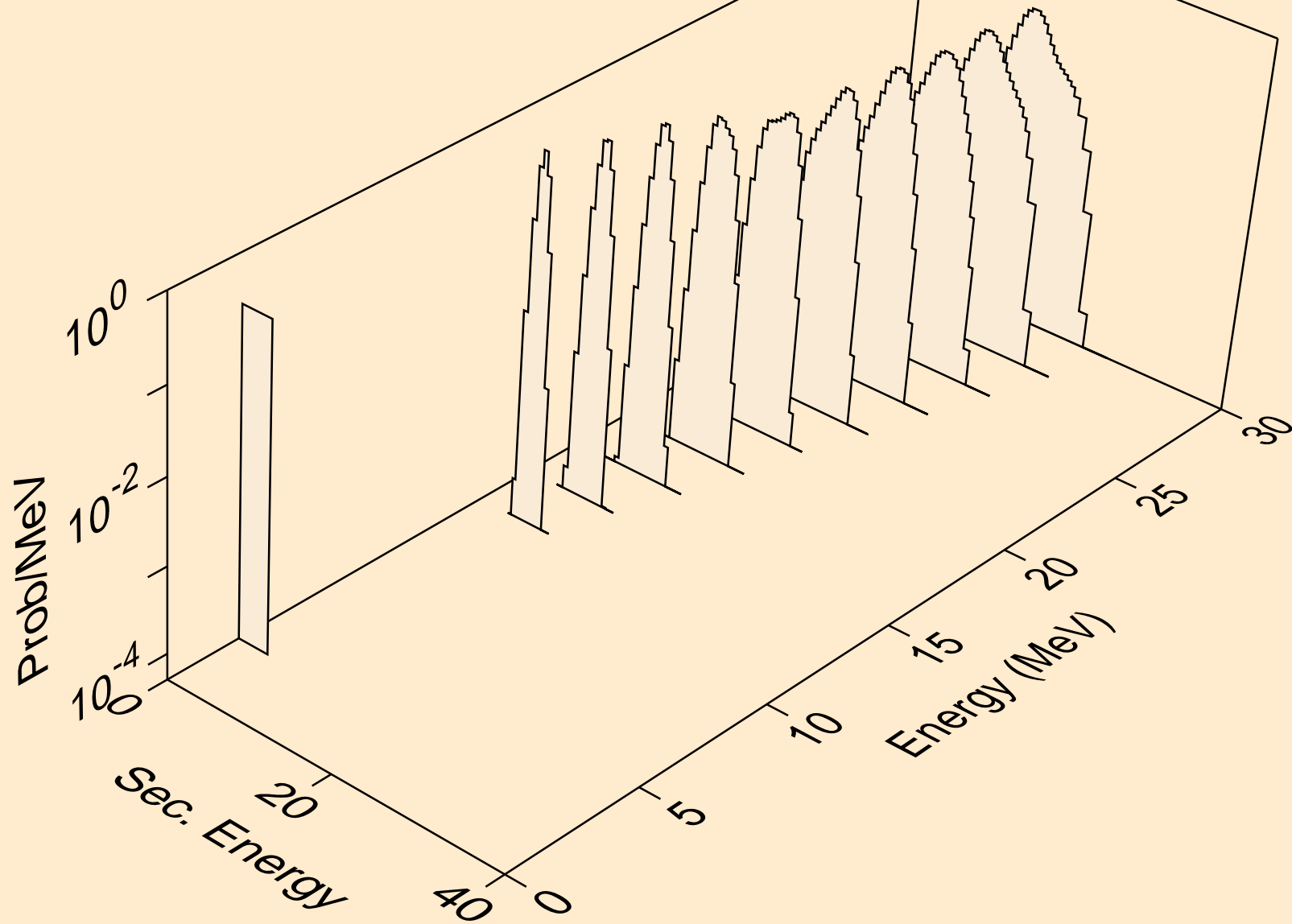
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alphas from (s,2n)a



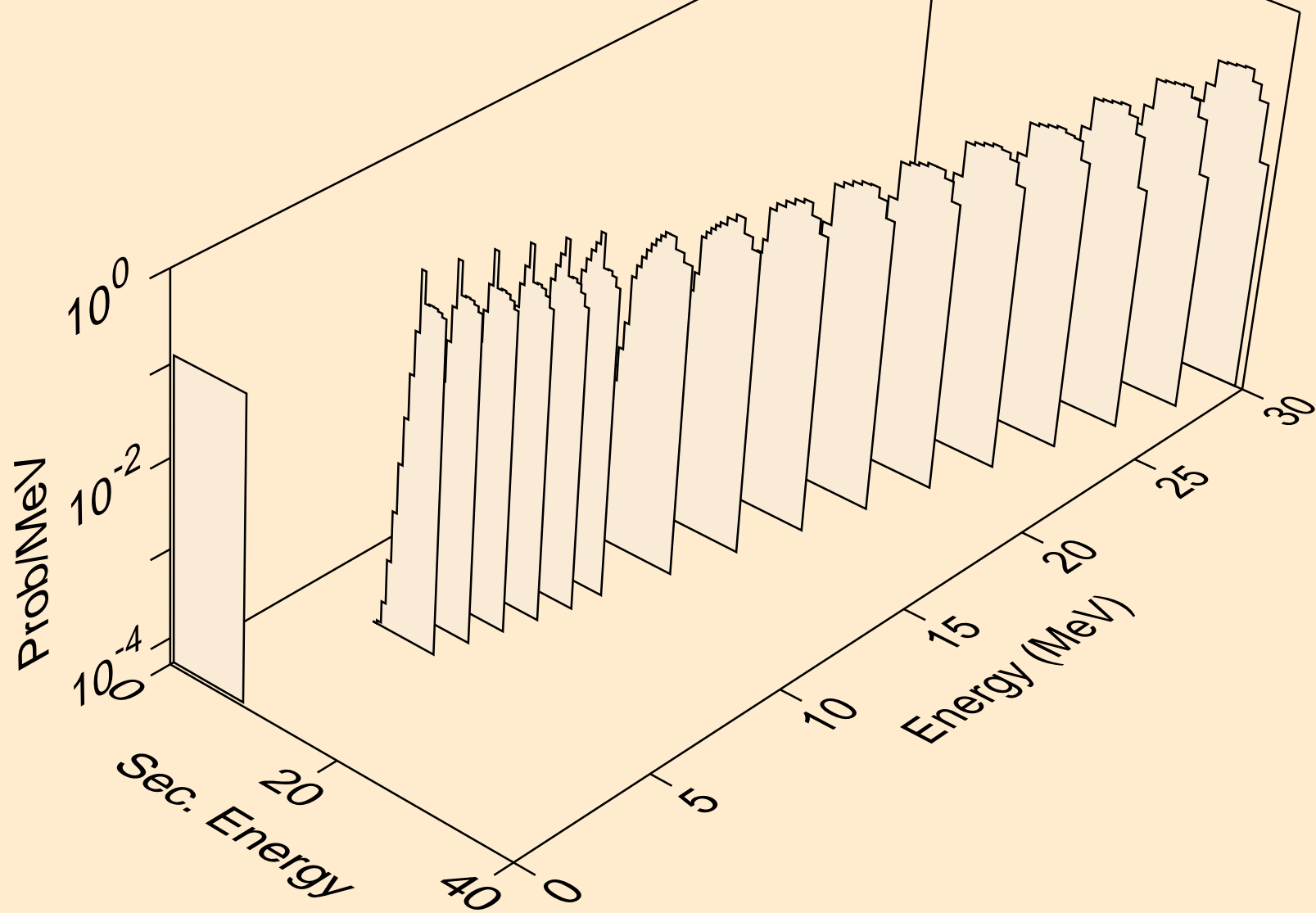
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alphas from (s,n\*)2a



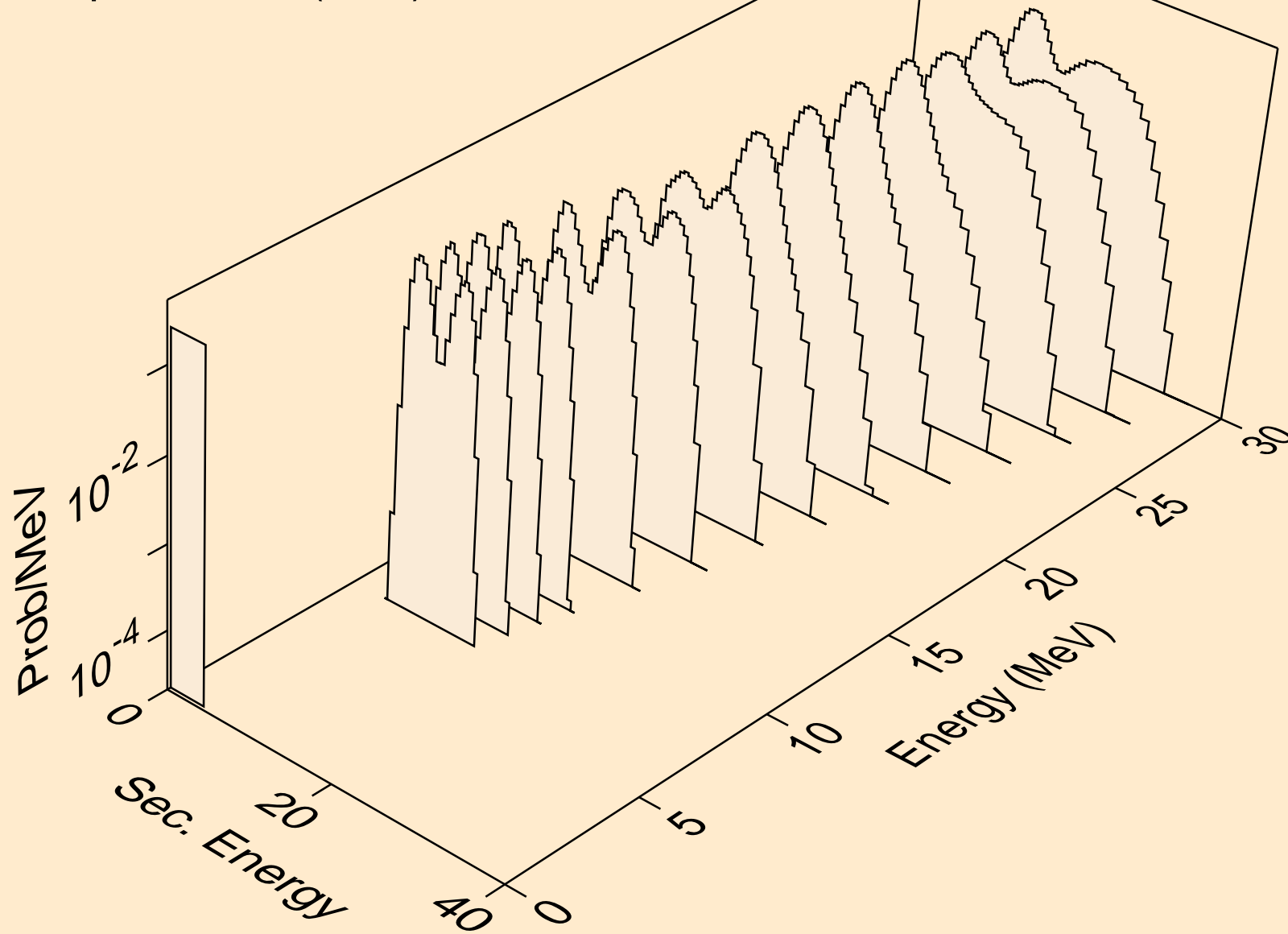
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alphas from (s,npa)



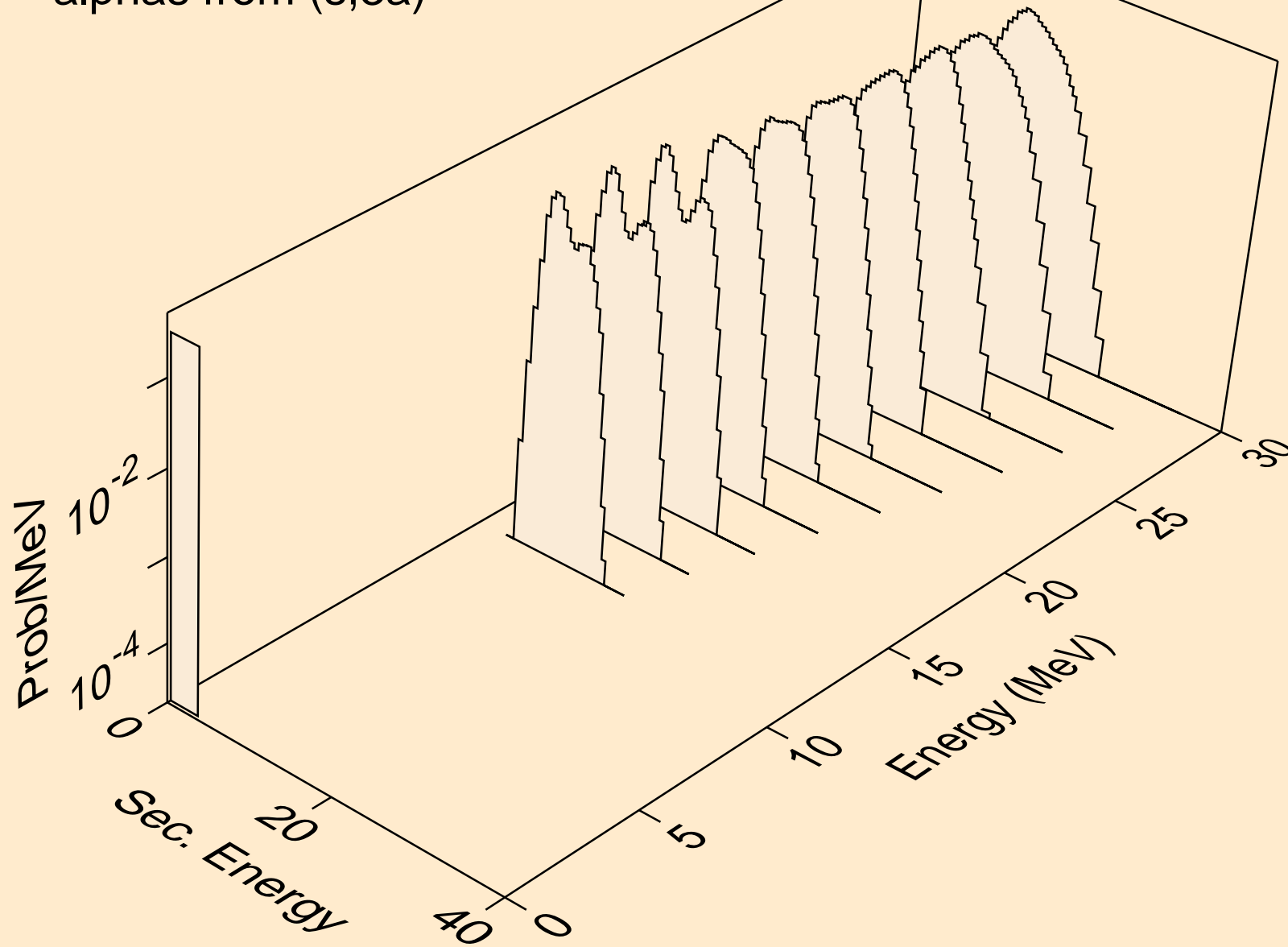
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



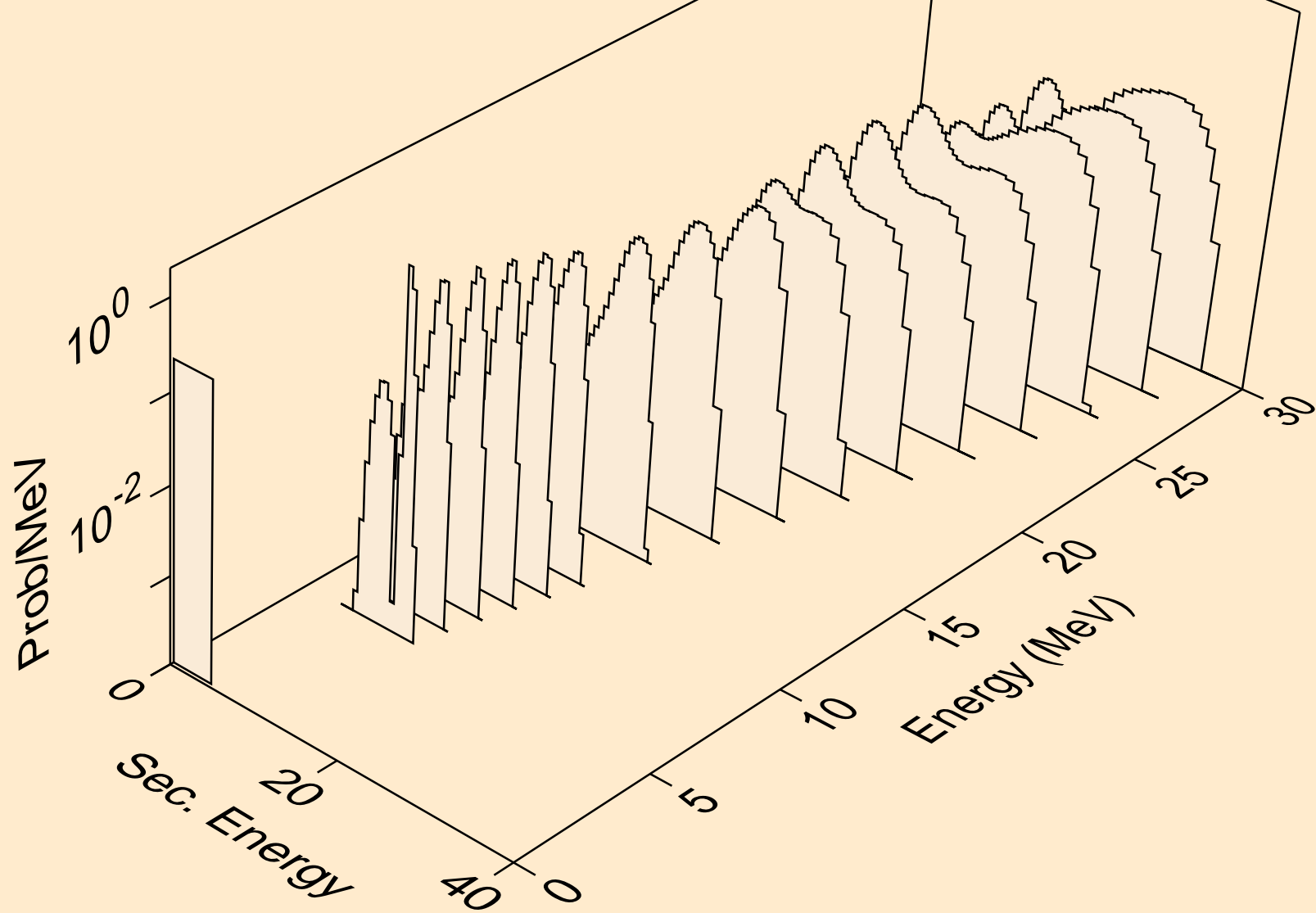
CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3a)

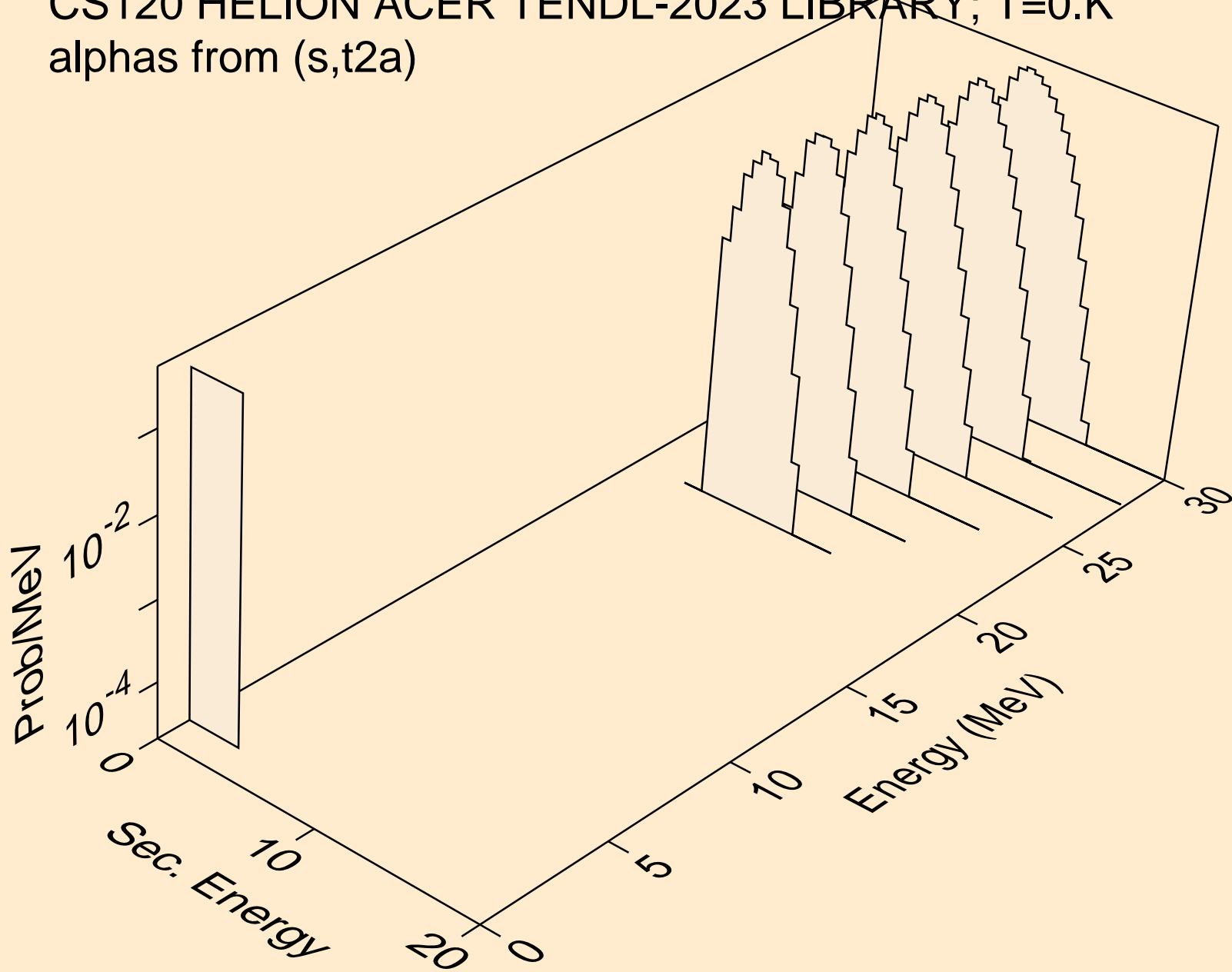


CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)

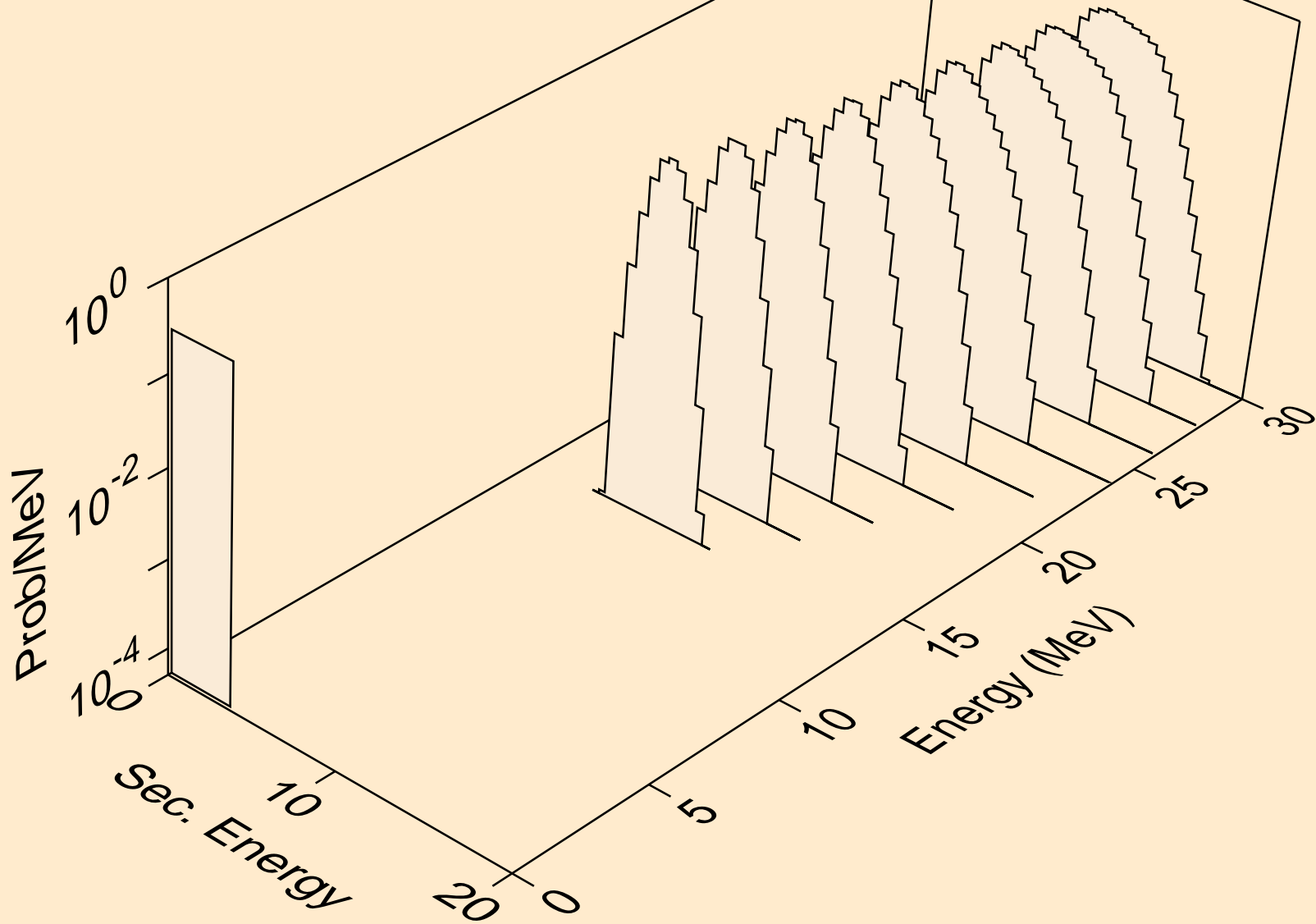




CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,t2a)



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,d2a)



CS120 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

