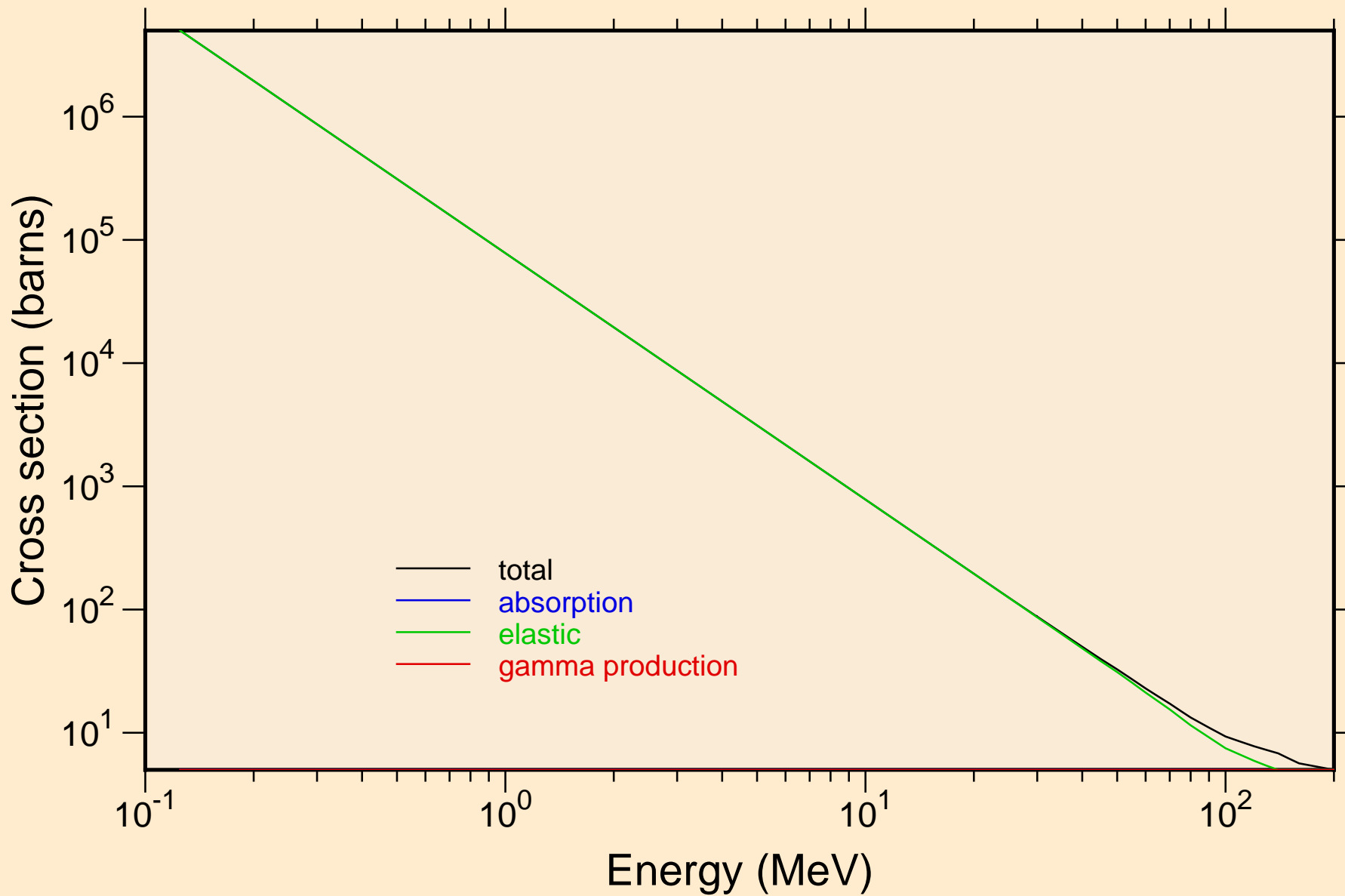
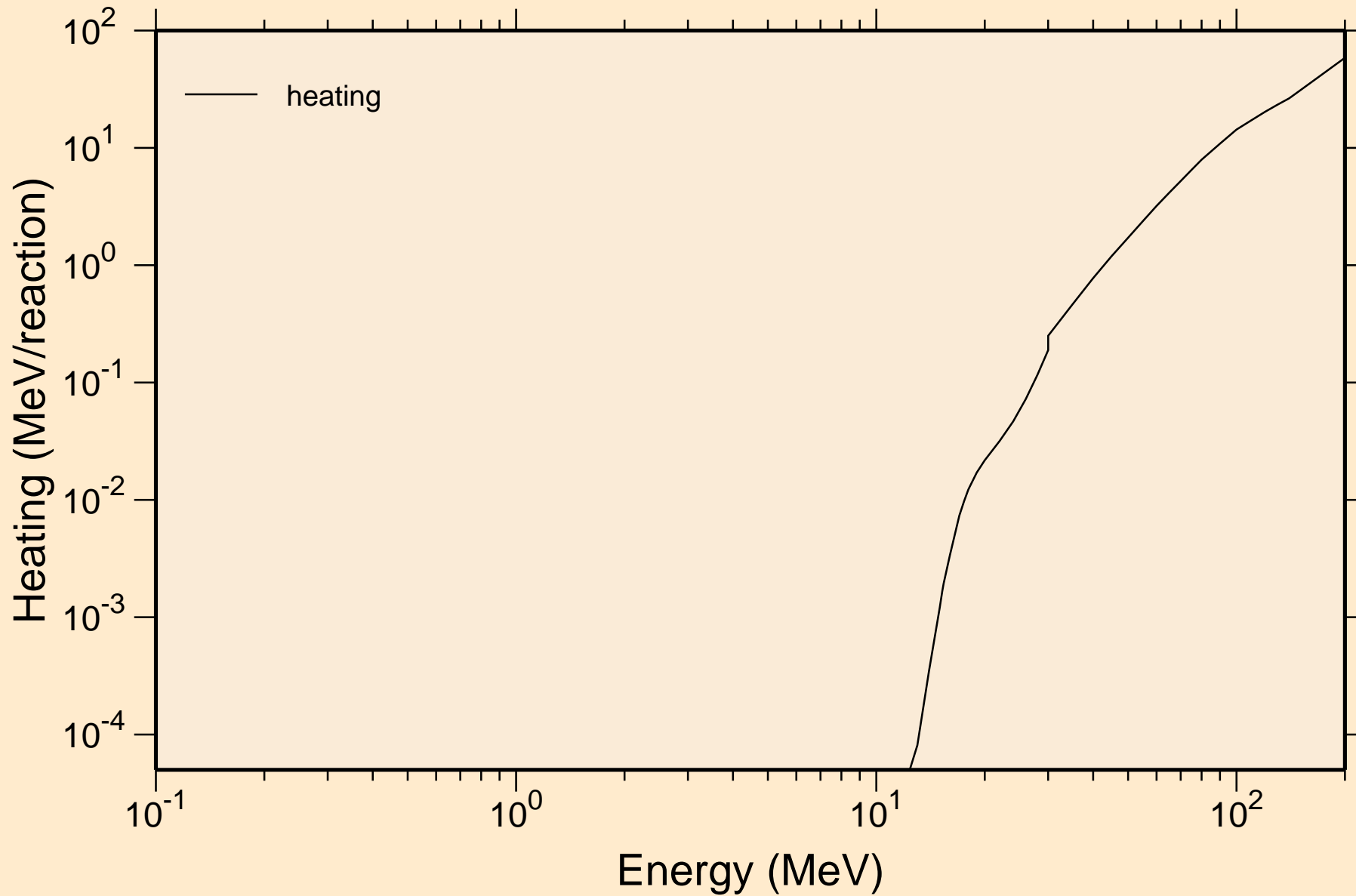


CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



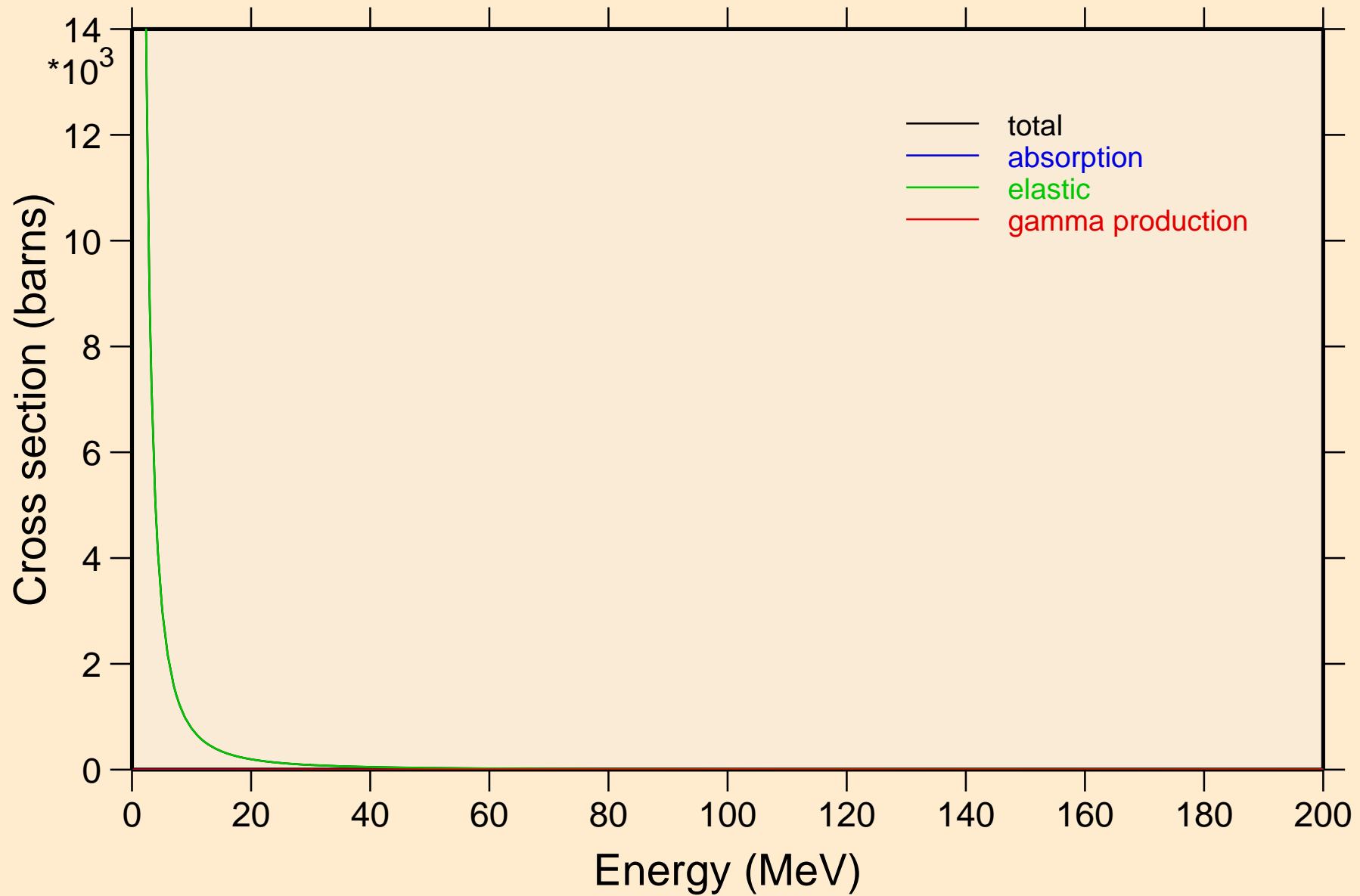
# CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



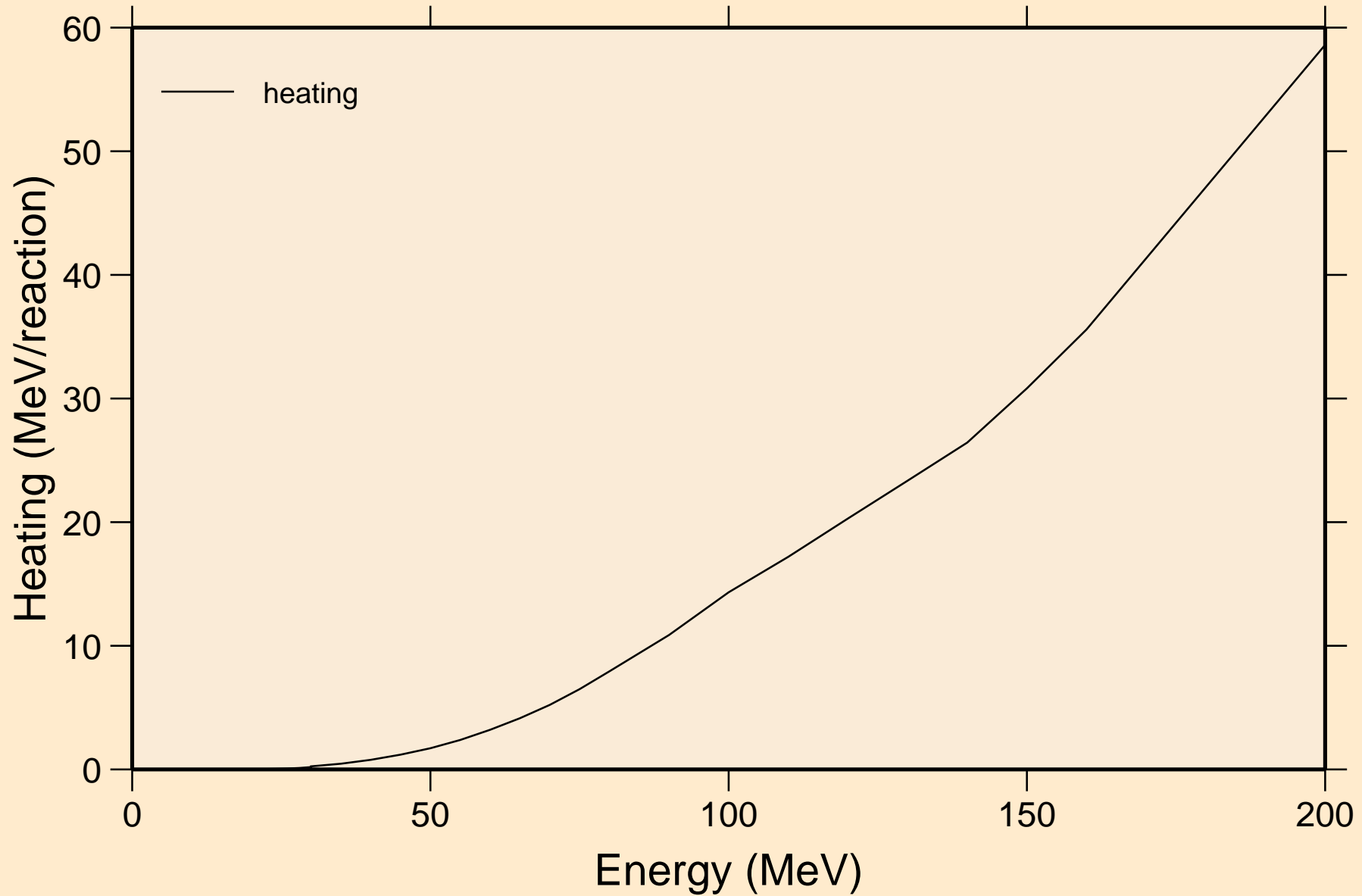
# CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

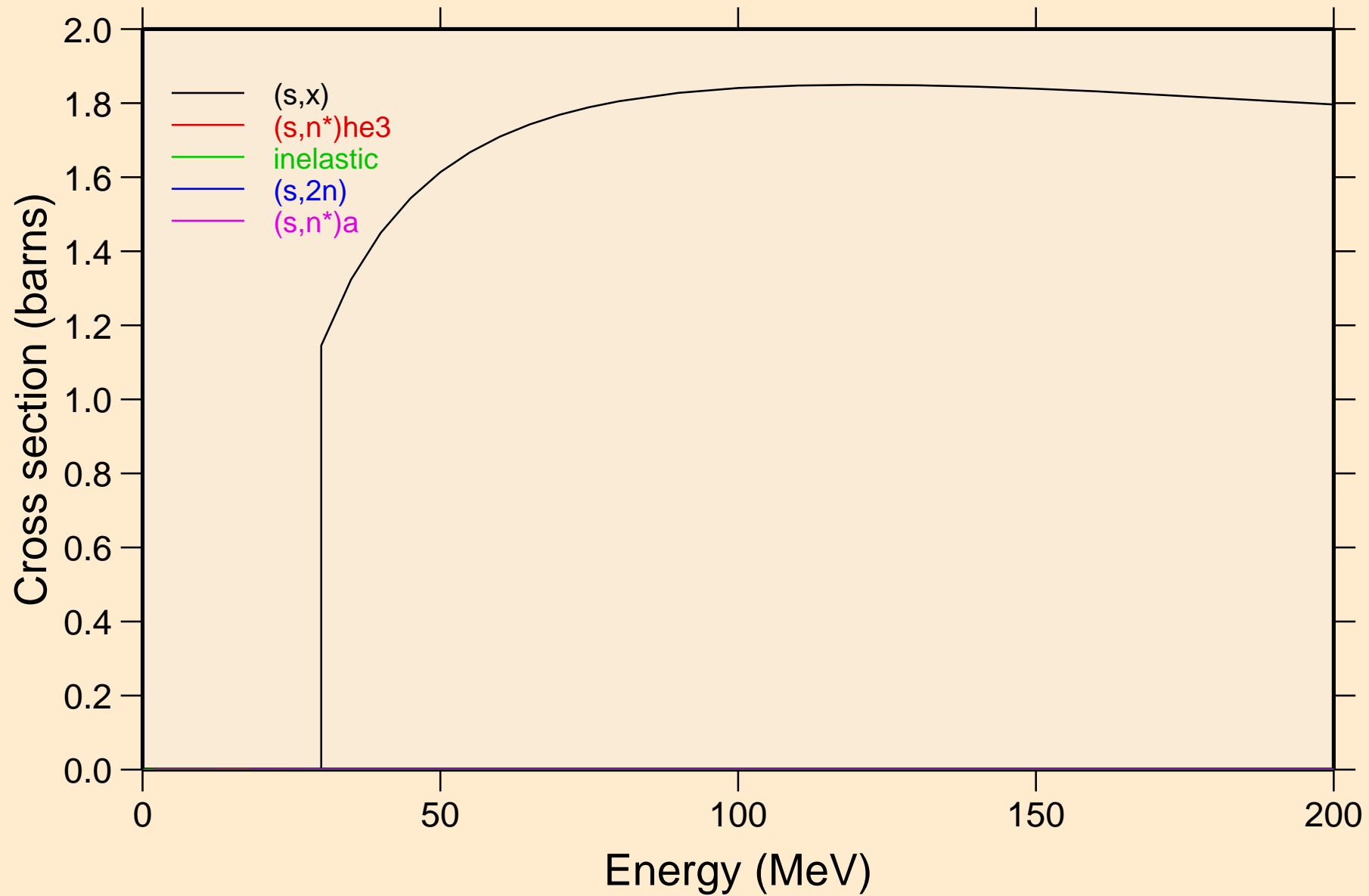


# CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K

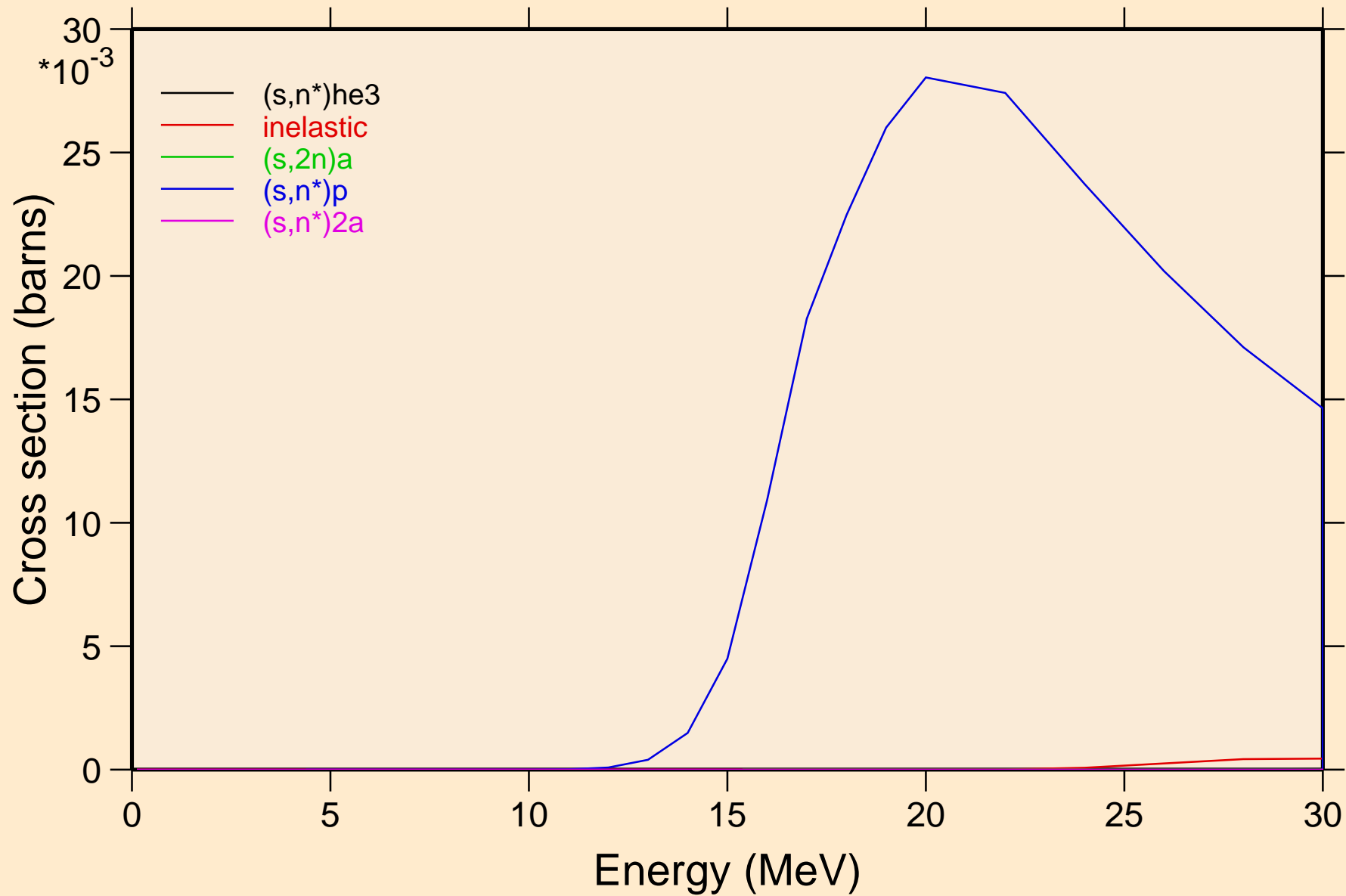
## Heating



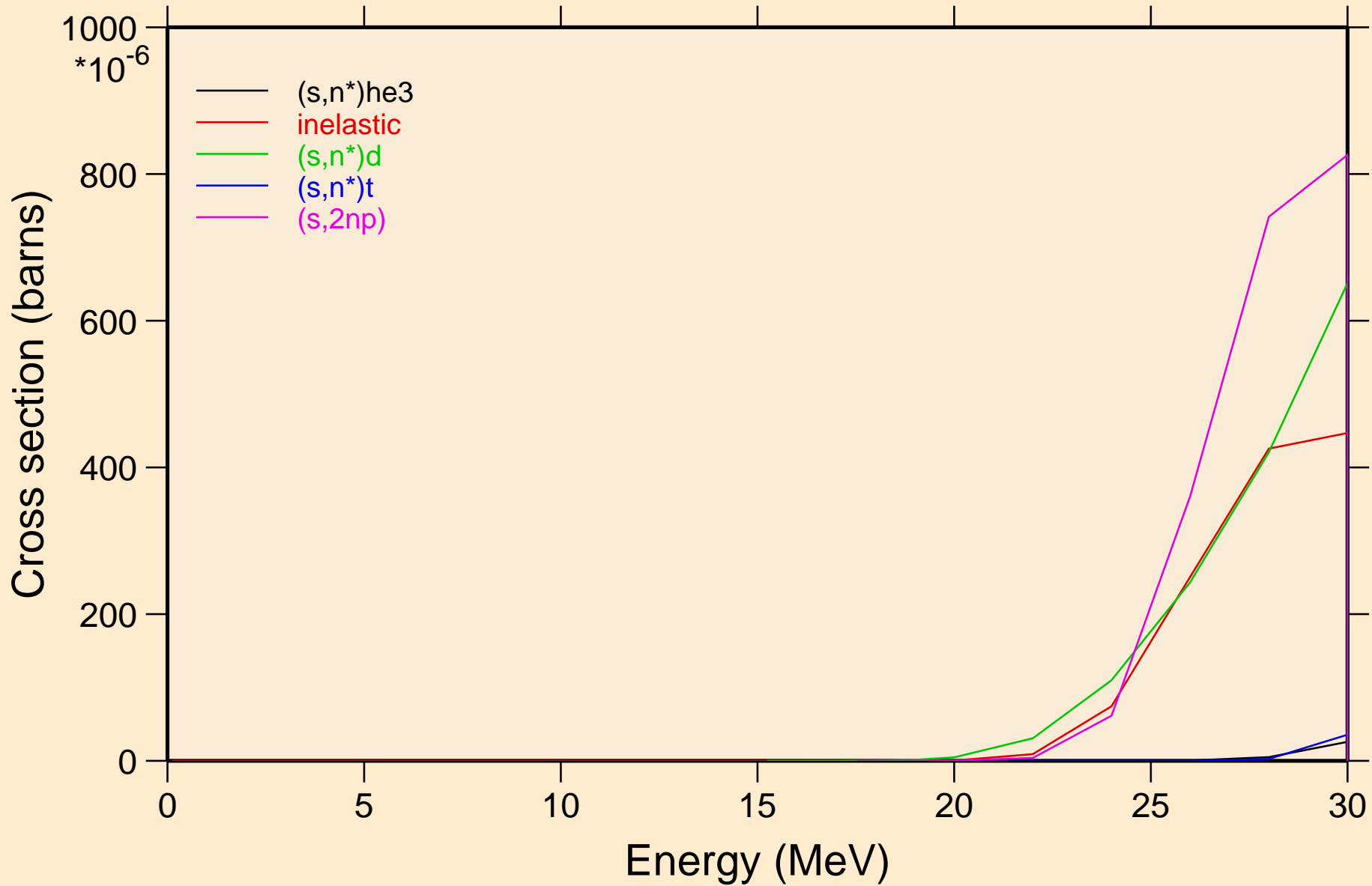
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

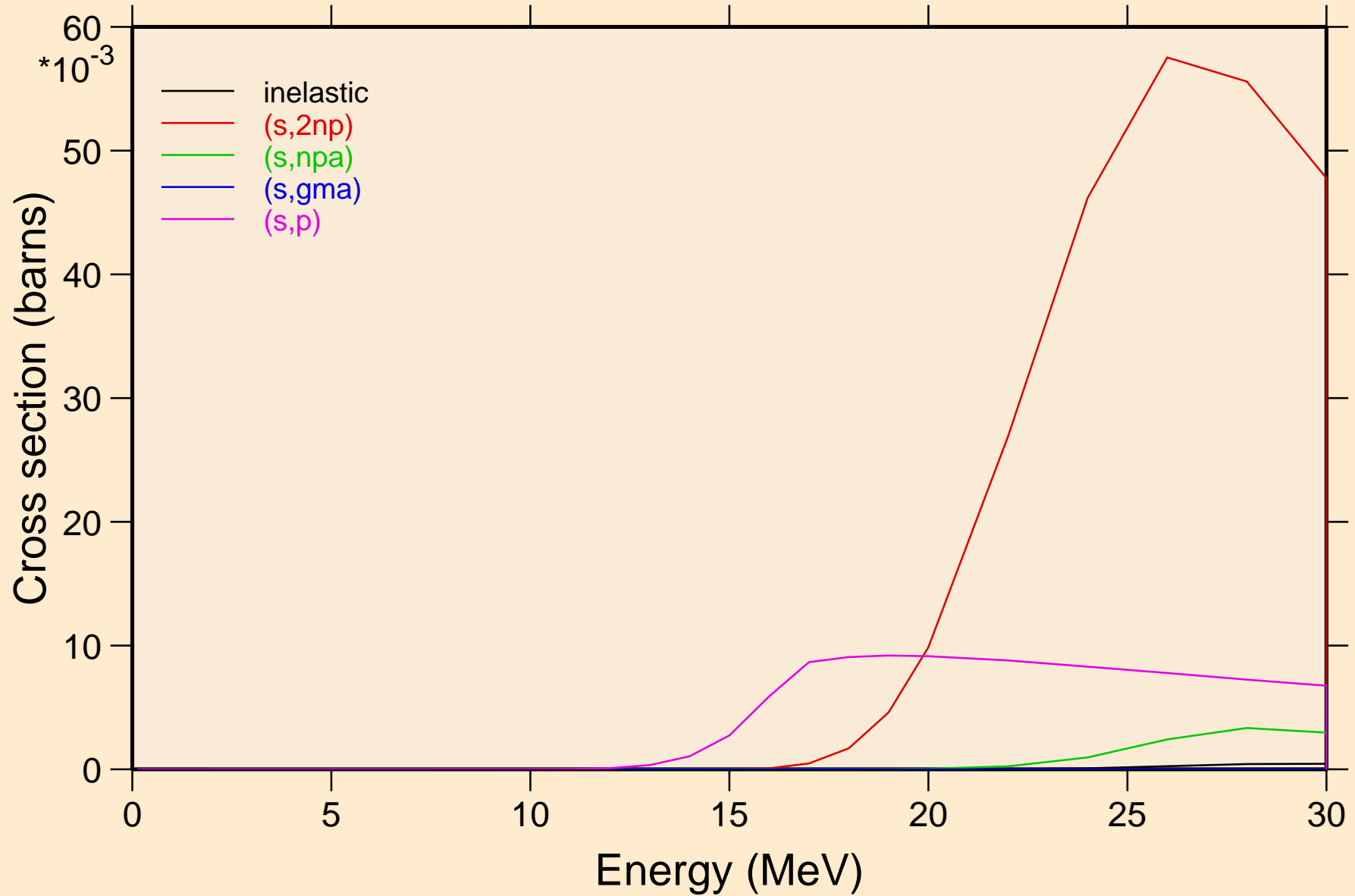


CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



# CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K

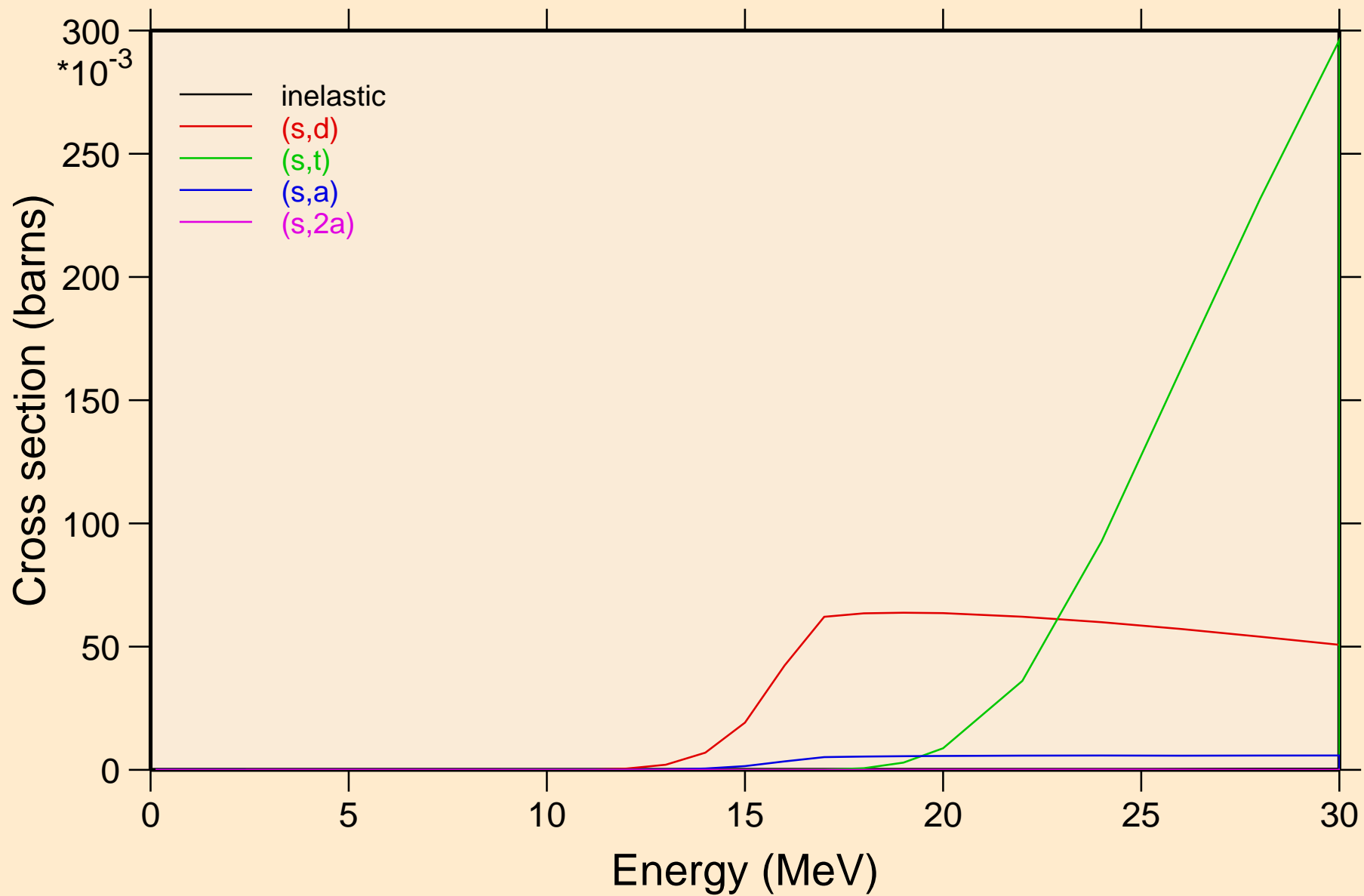
## Threshold reactions



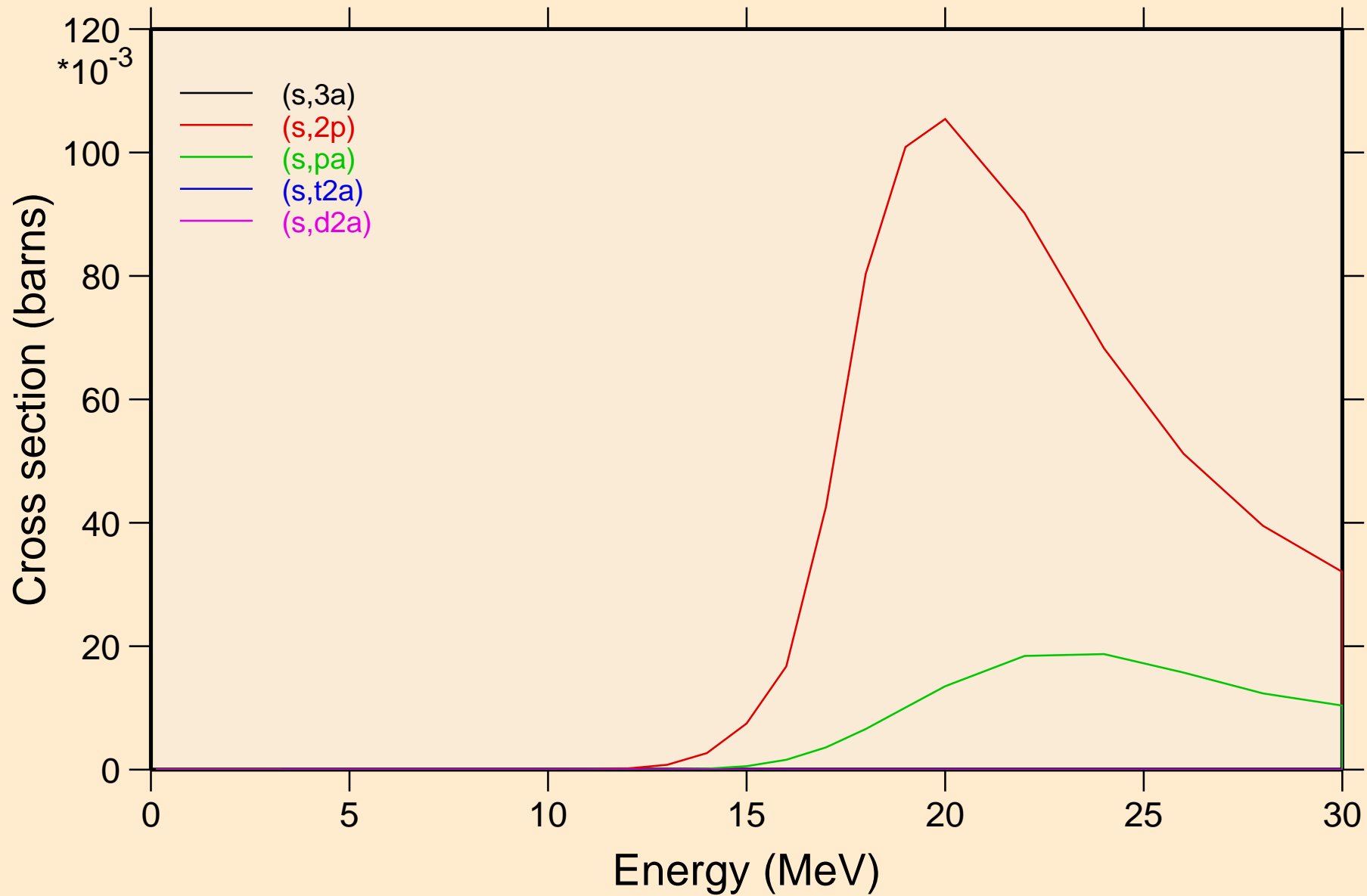


# CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

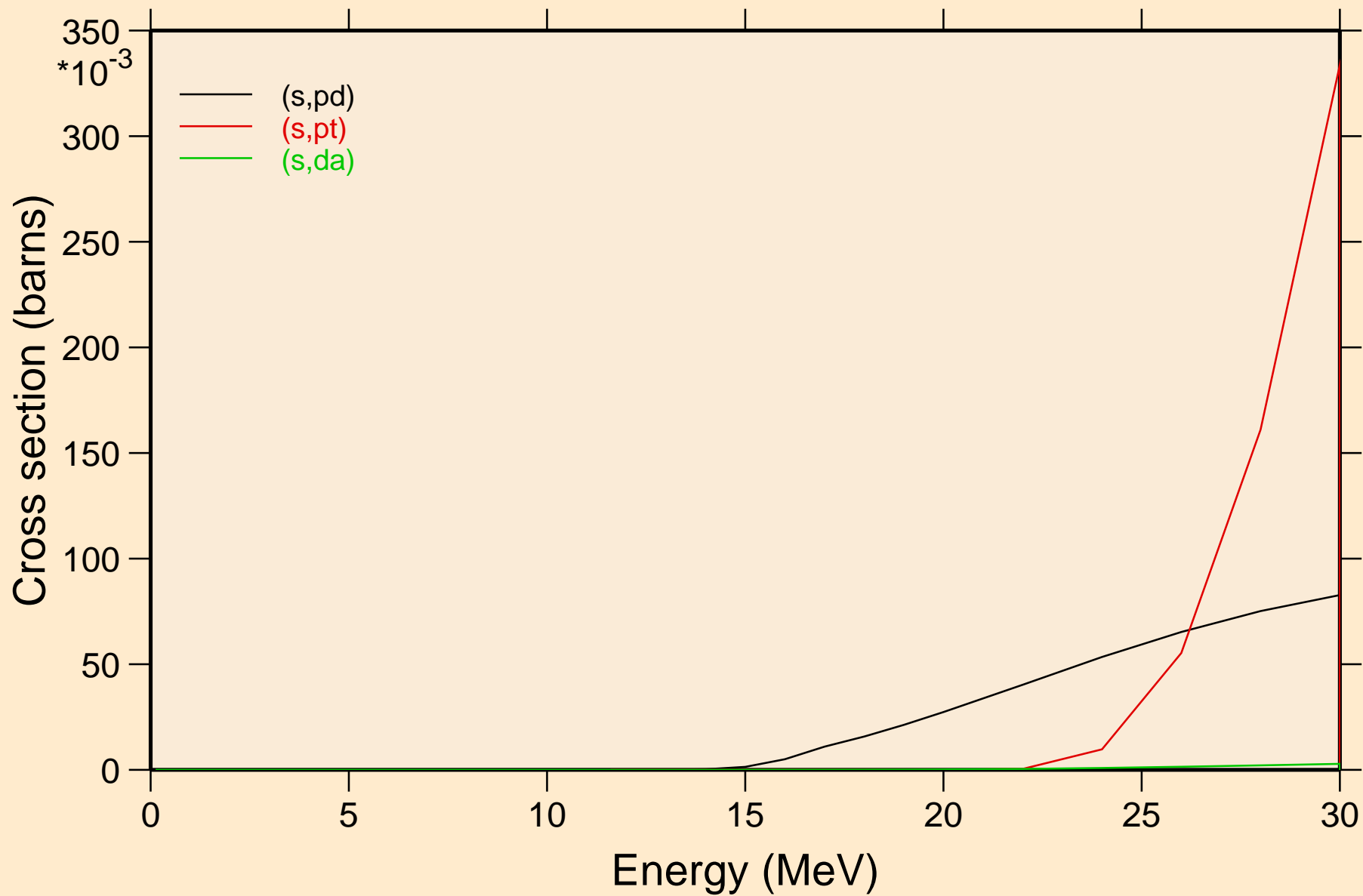


CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

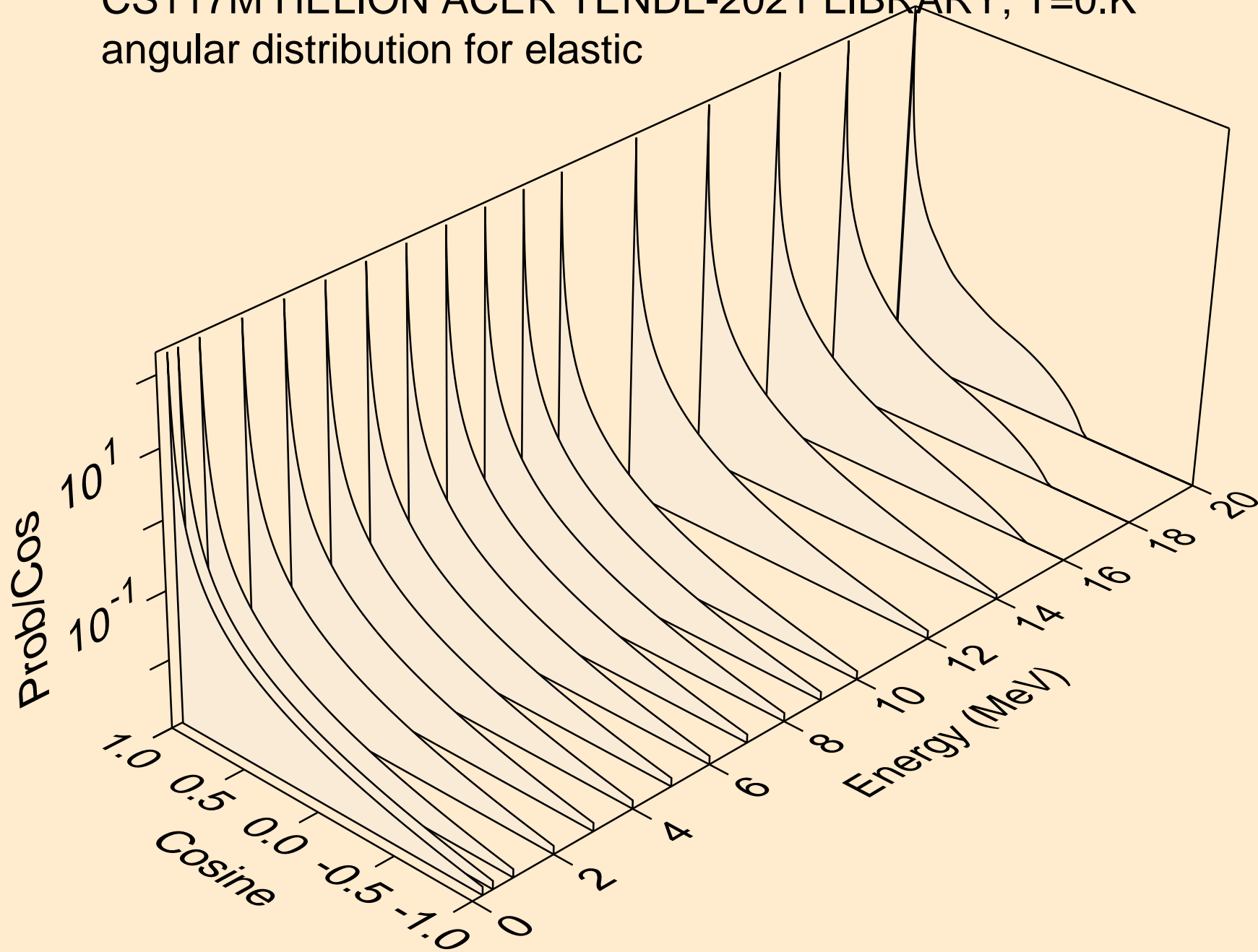


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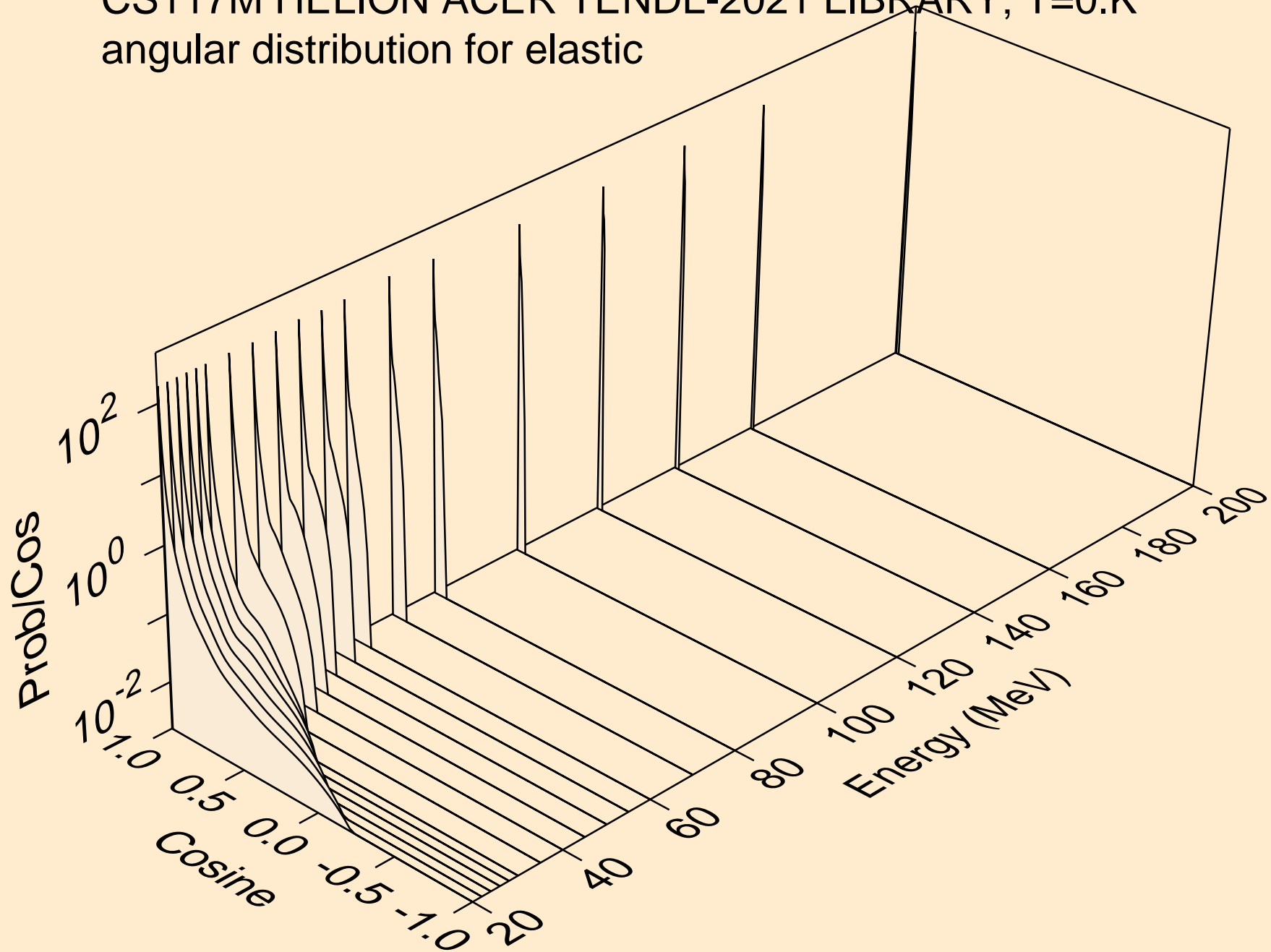
## Threshold reactions



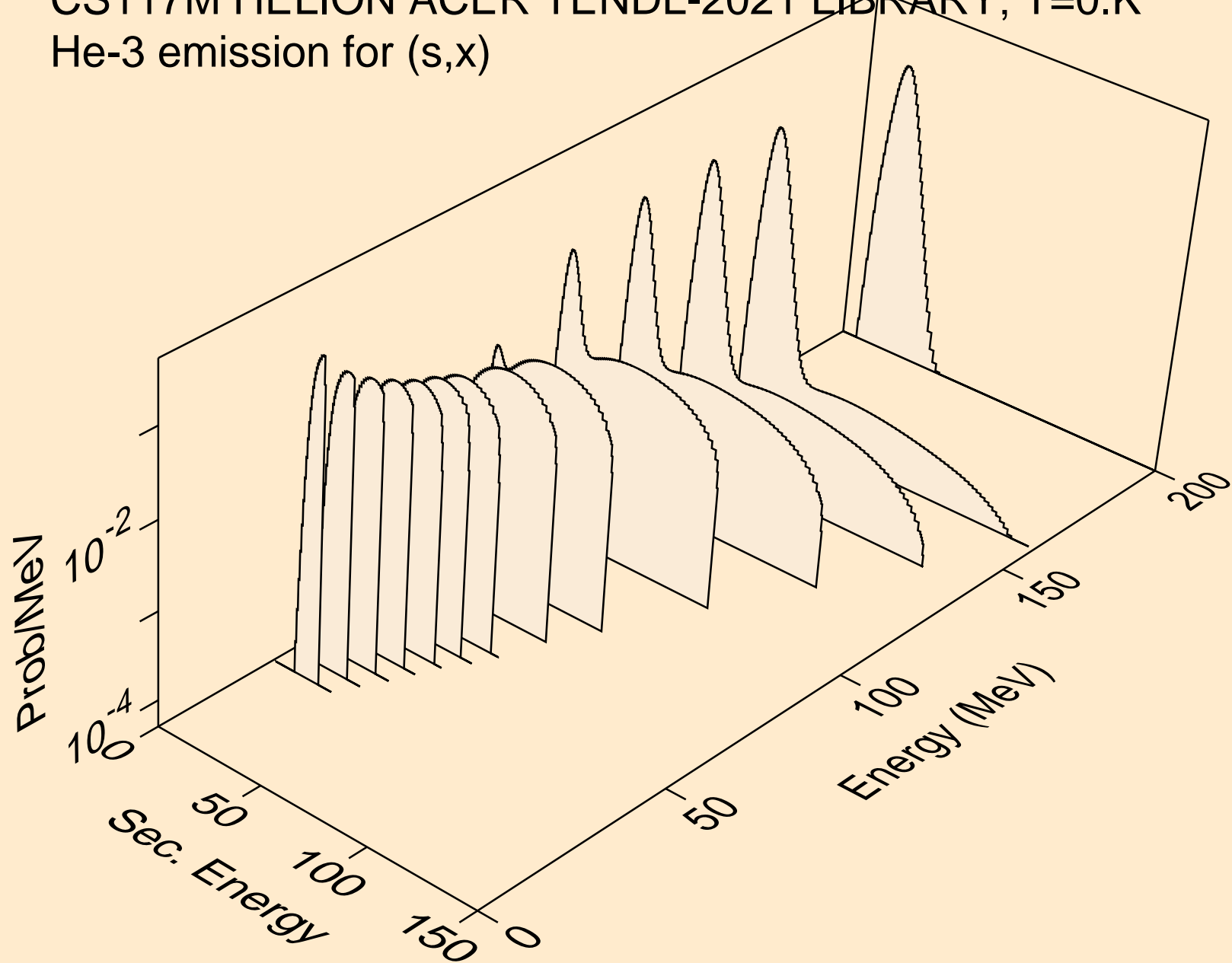
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



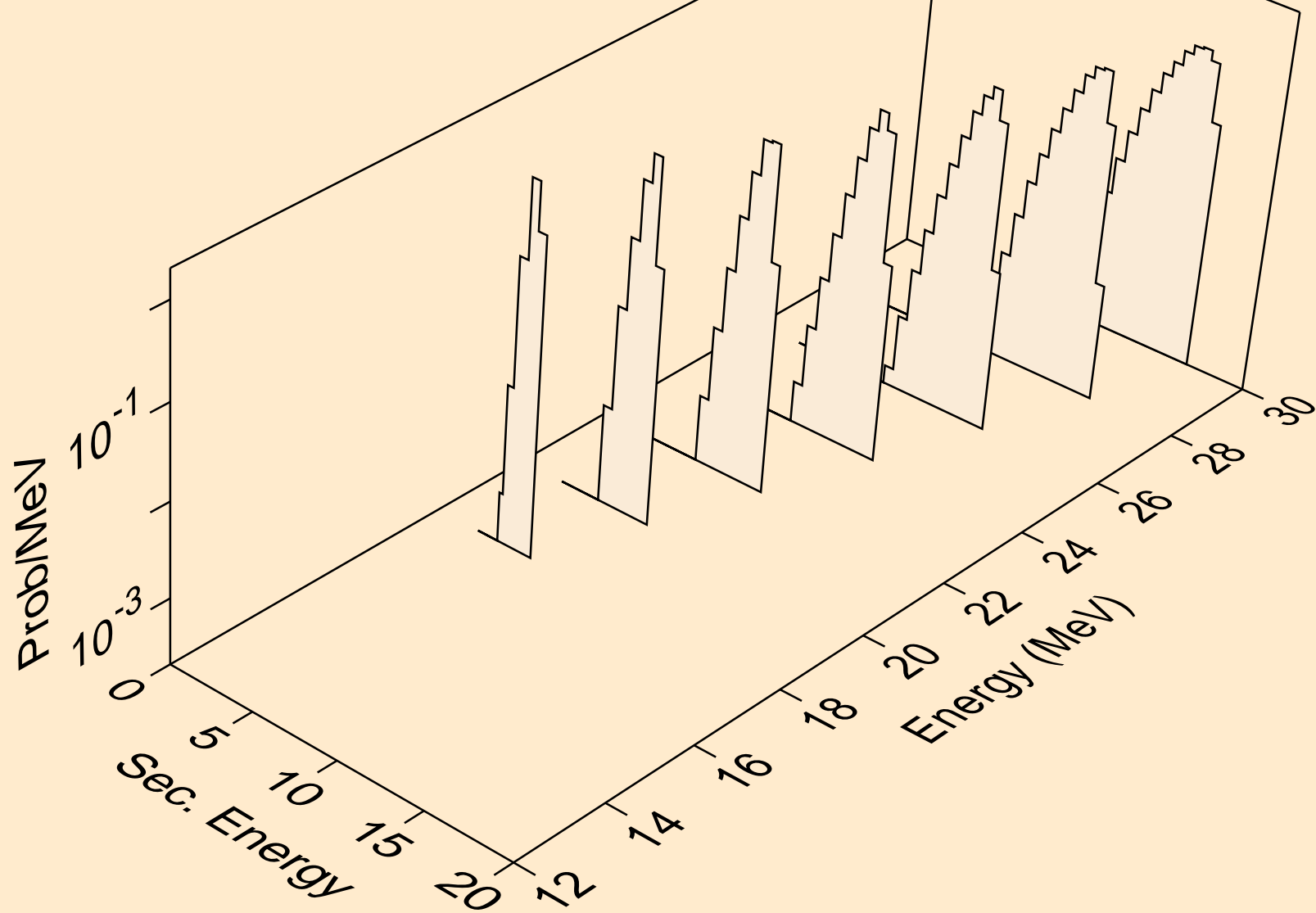
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



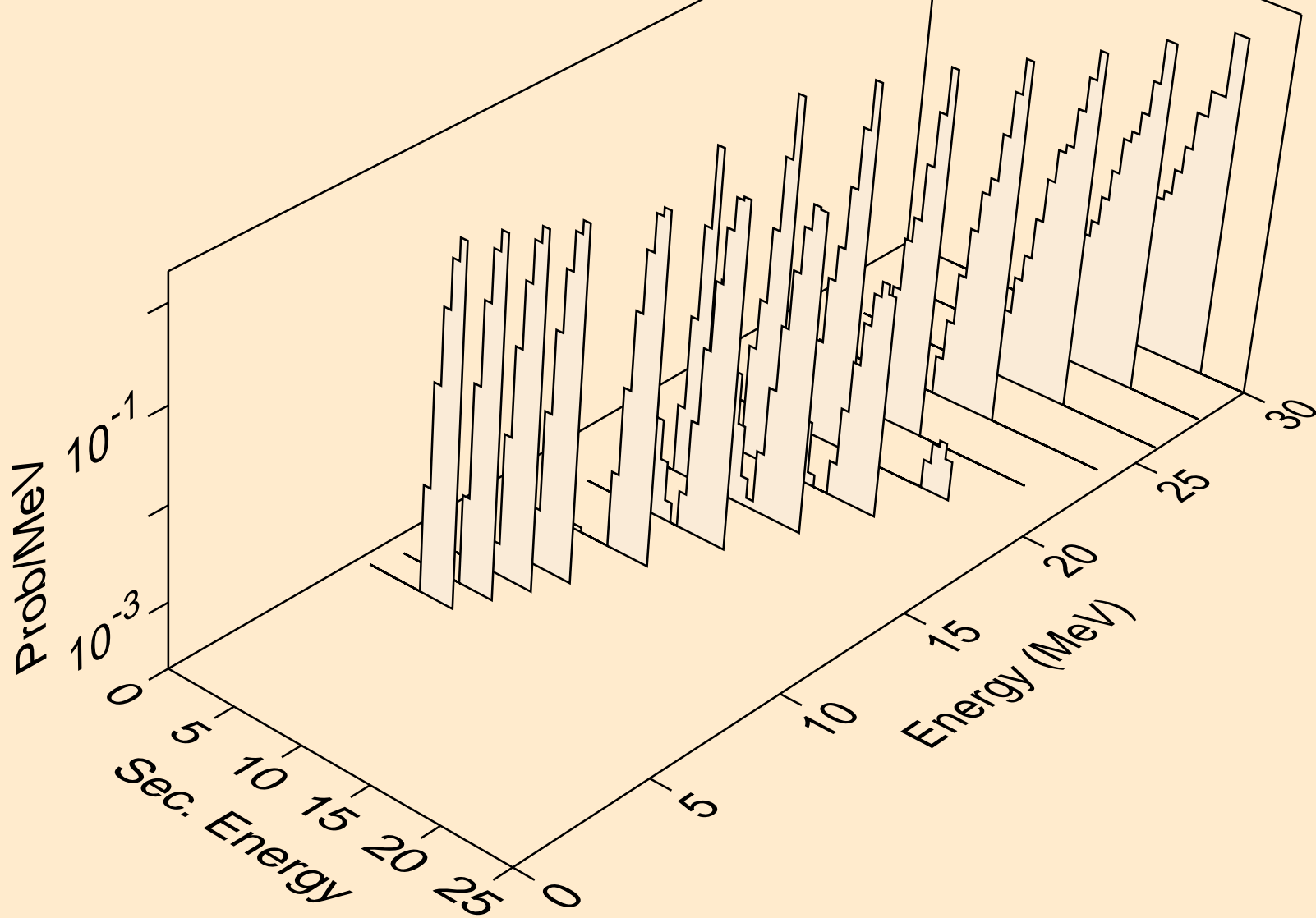
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

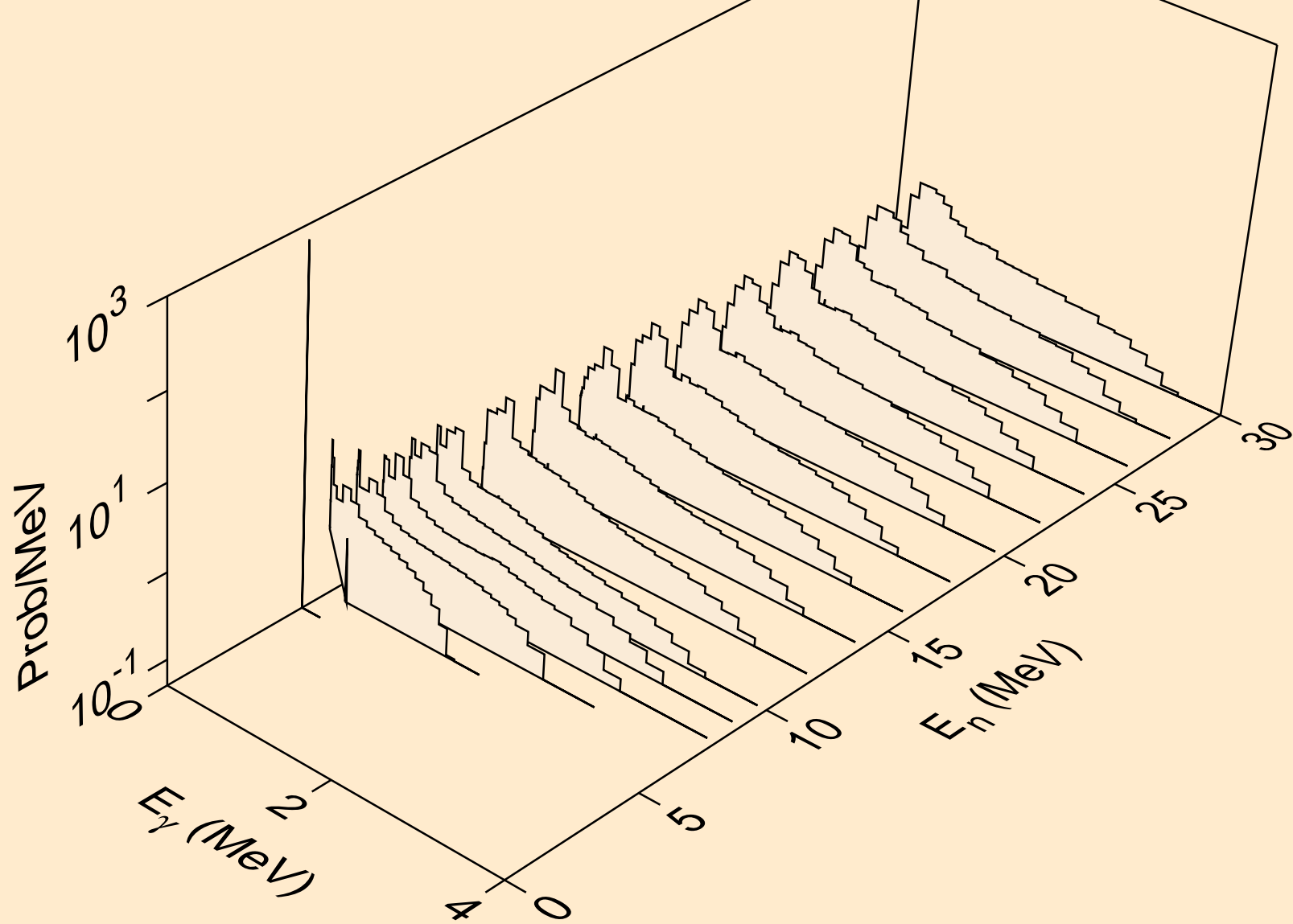


CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

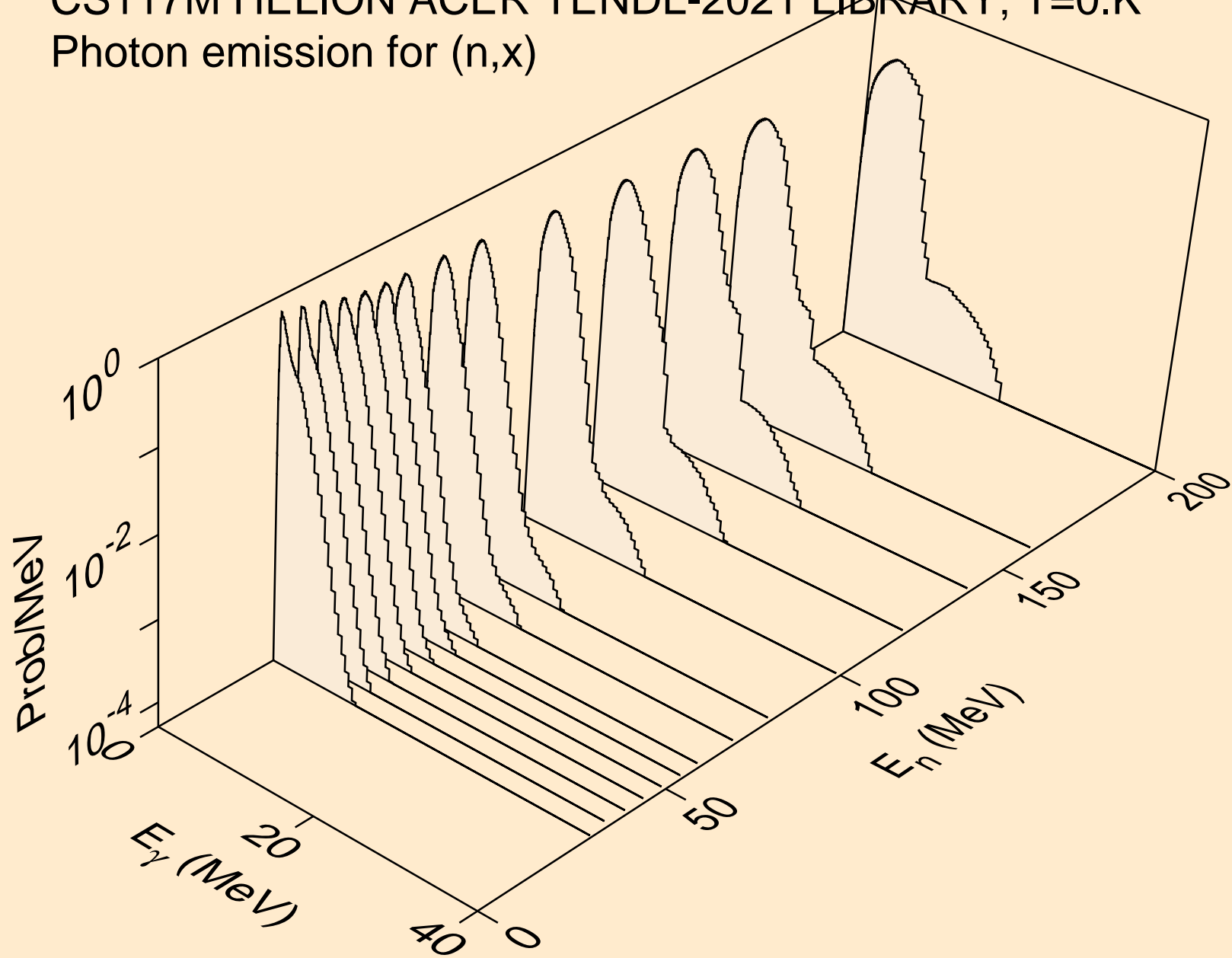




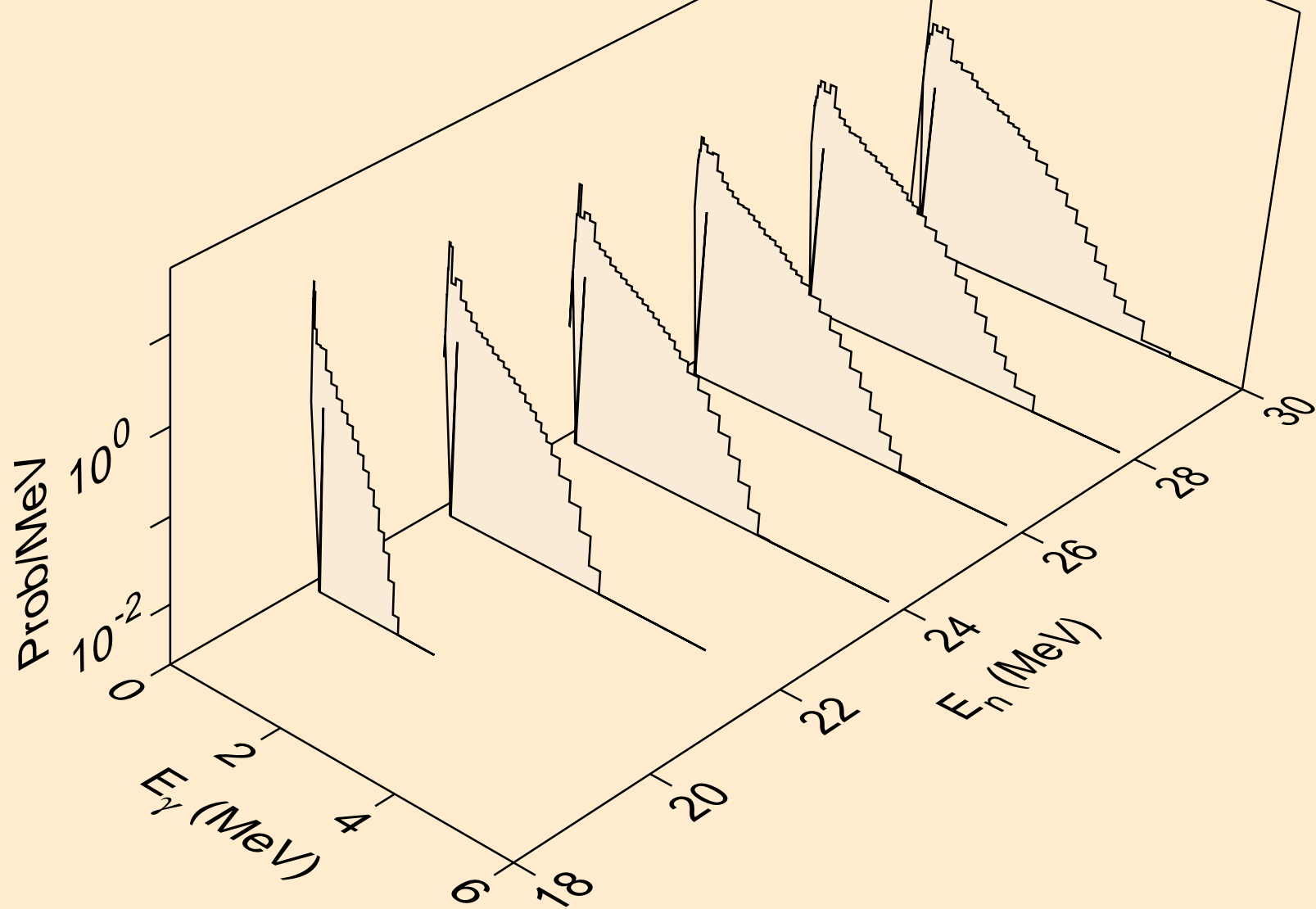
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



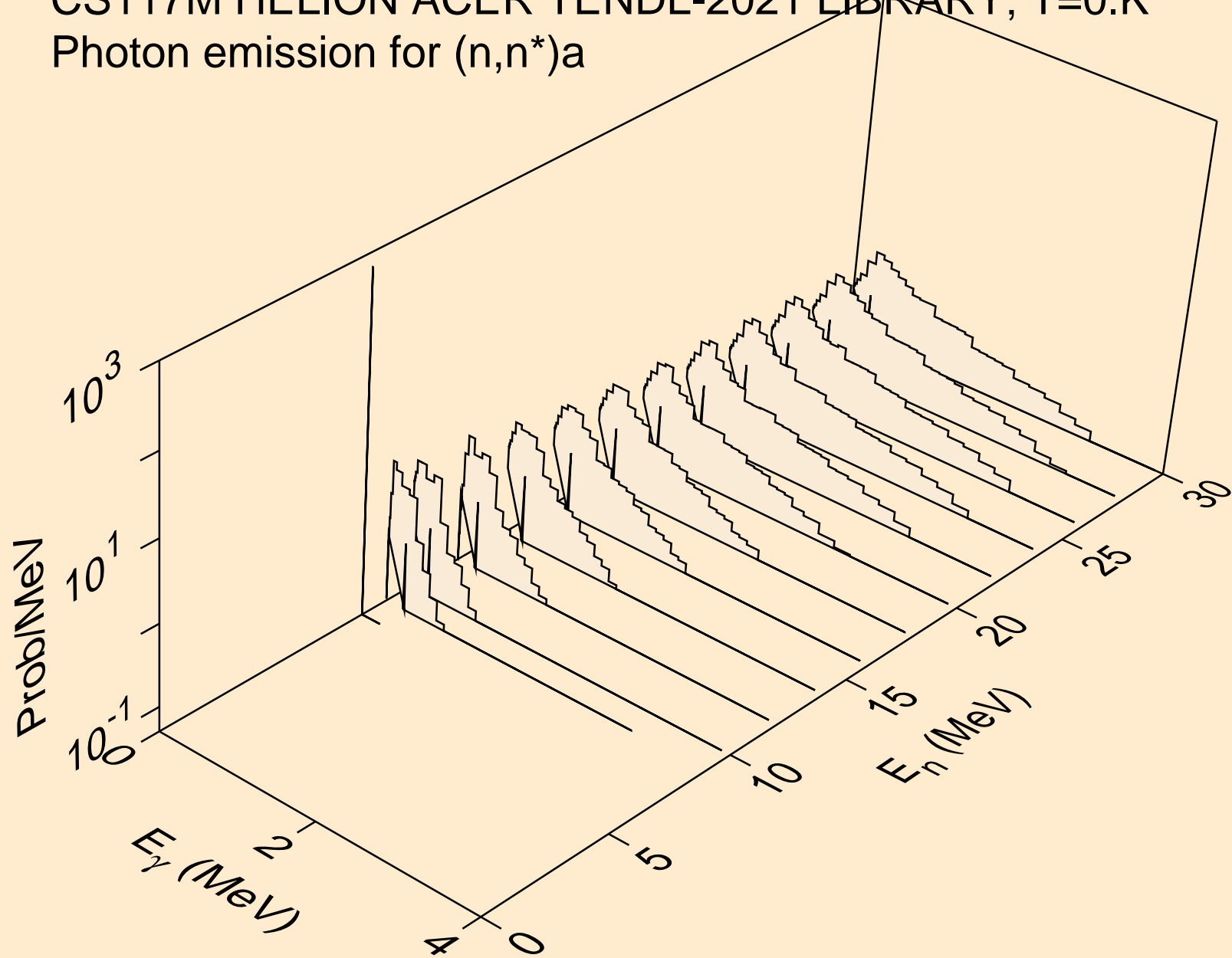
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



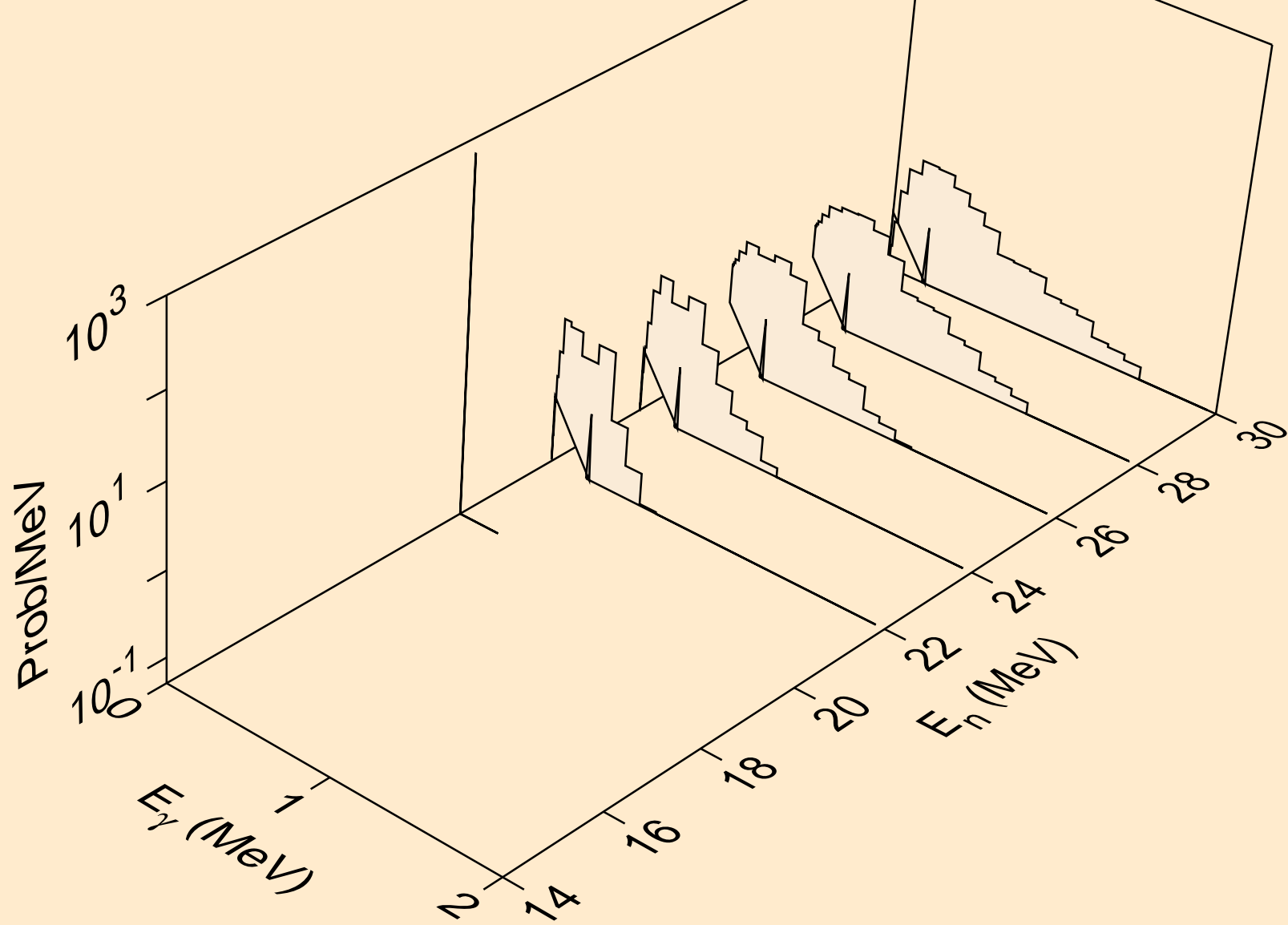
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



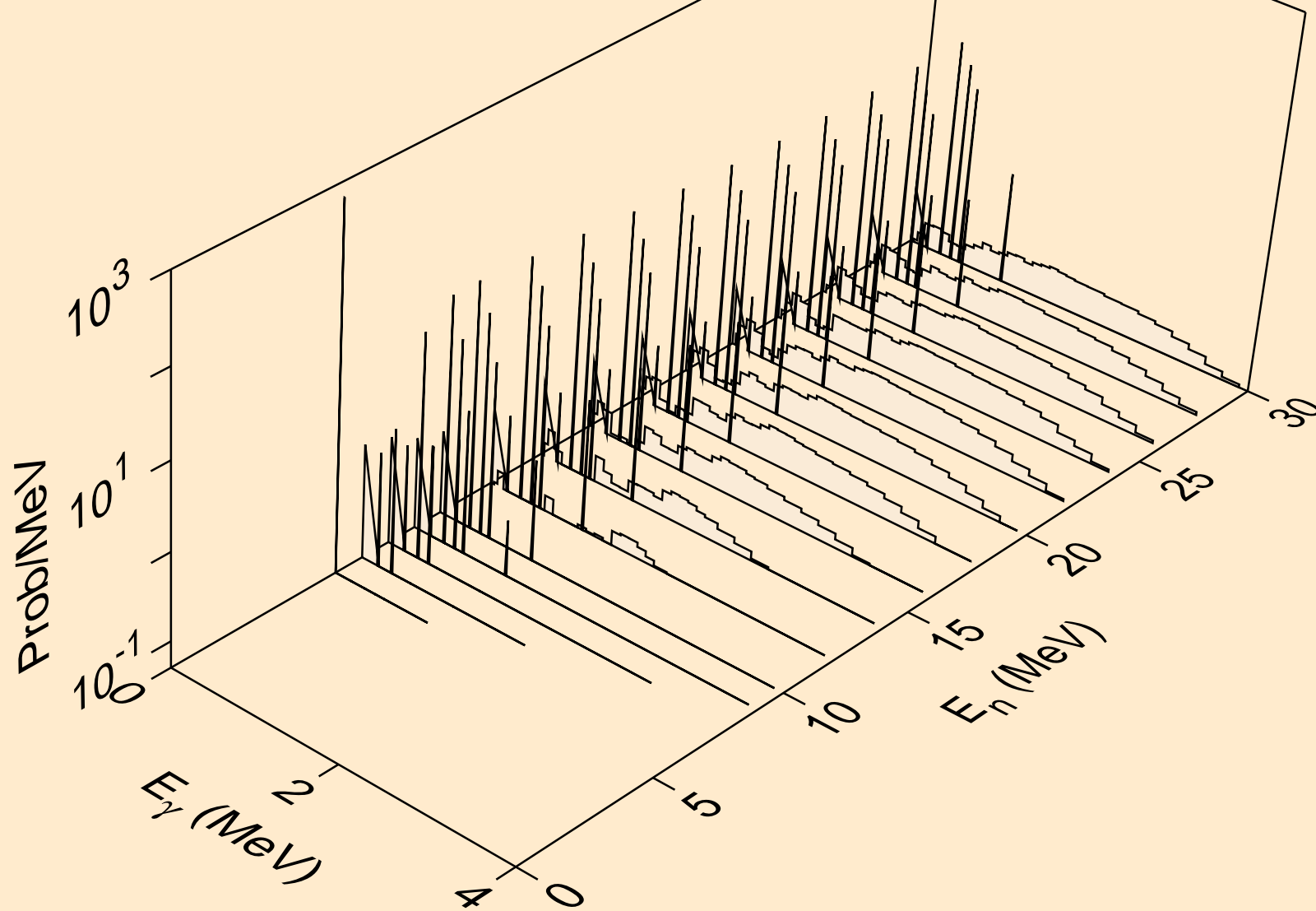
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



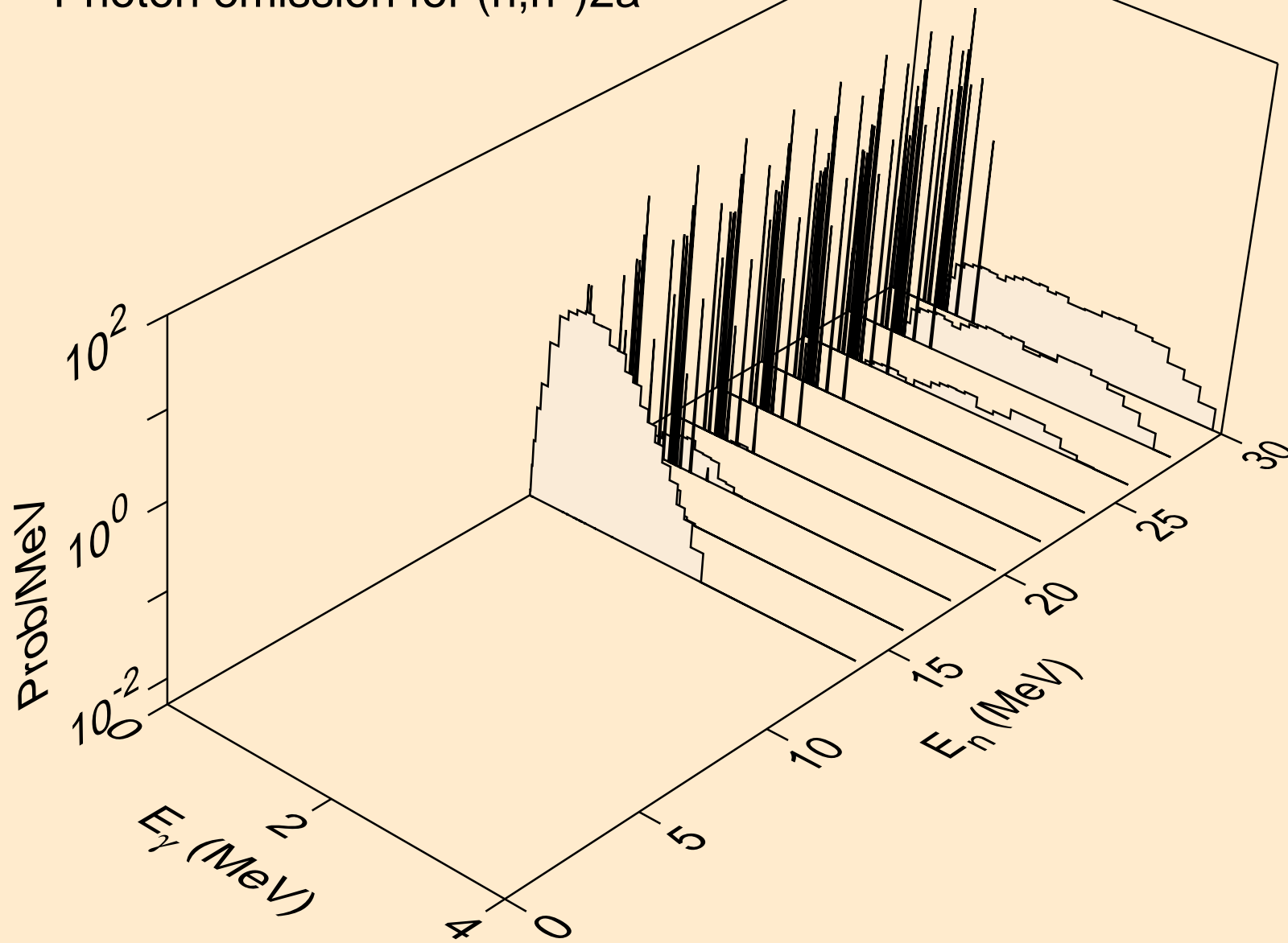
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



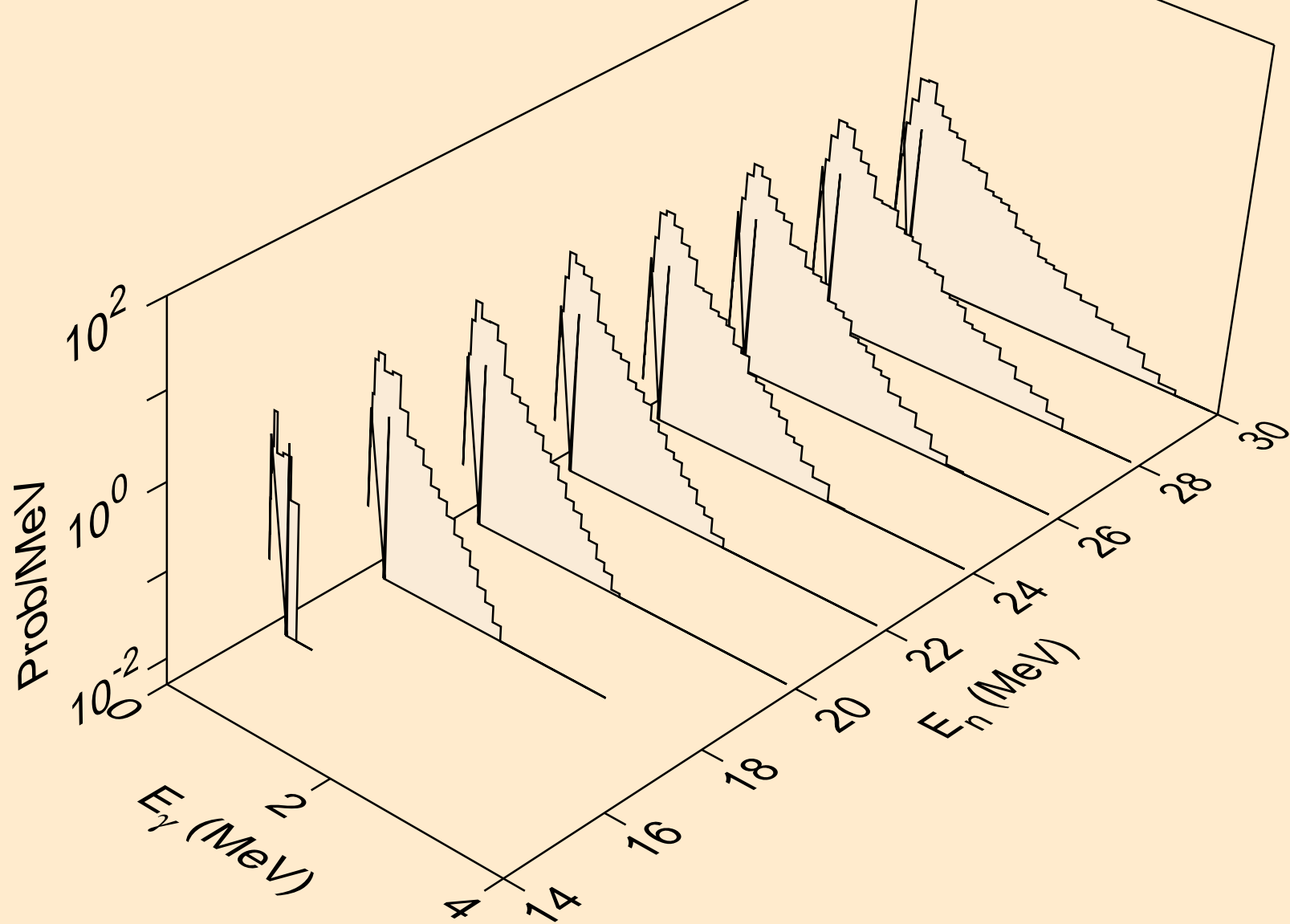
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

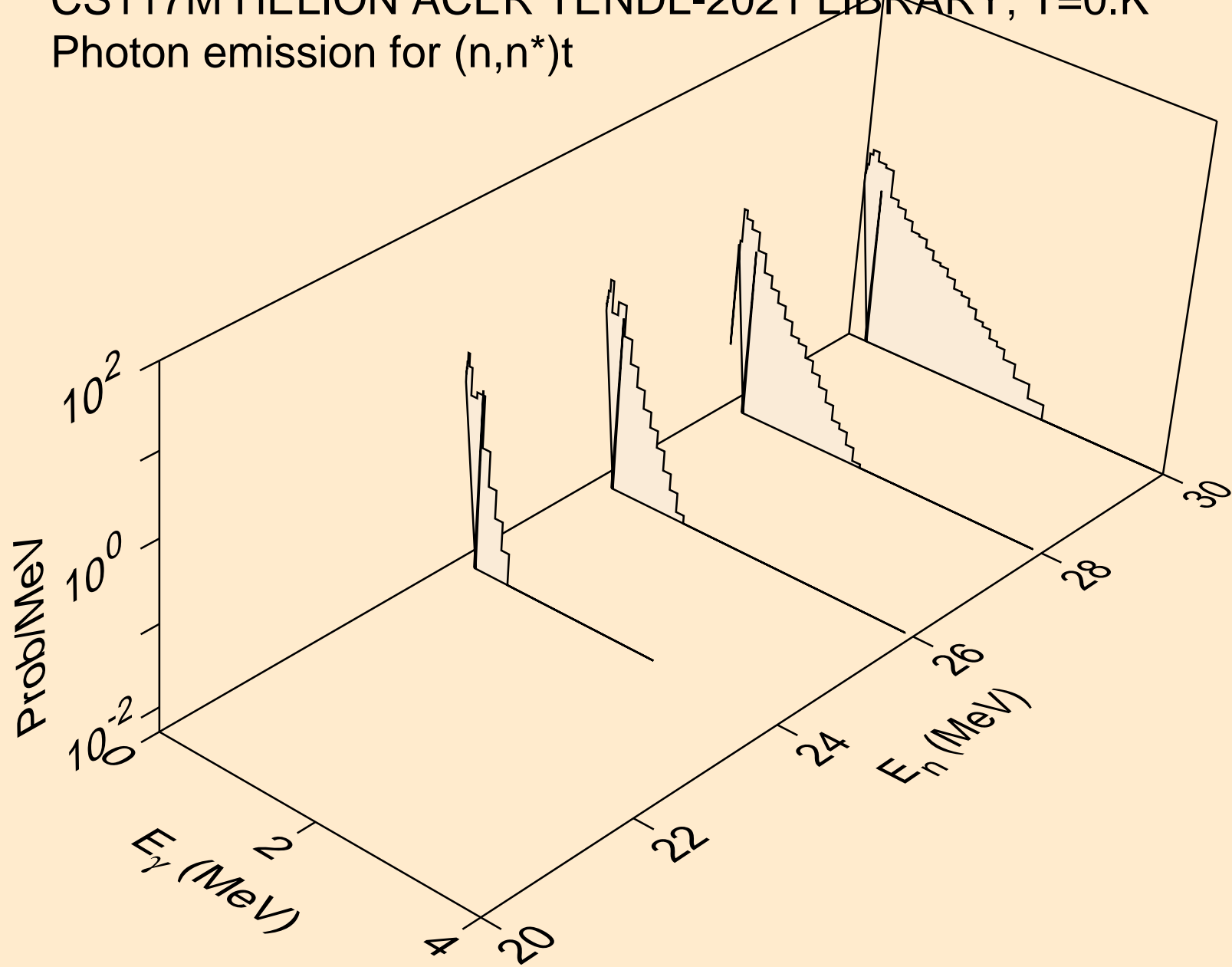


CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

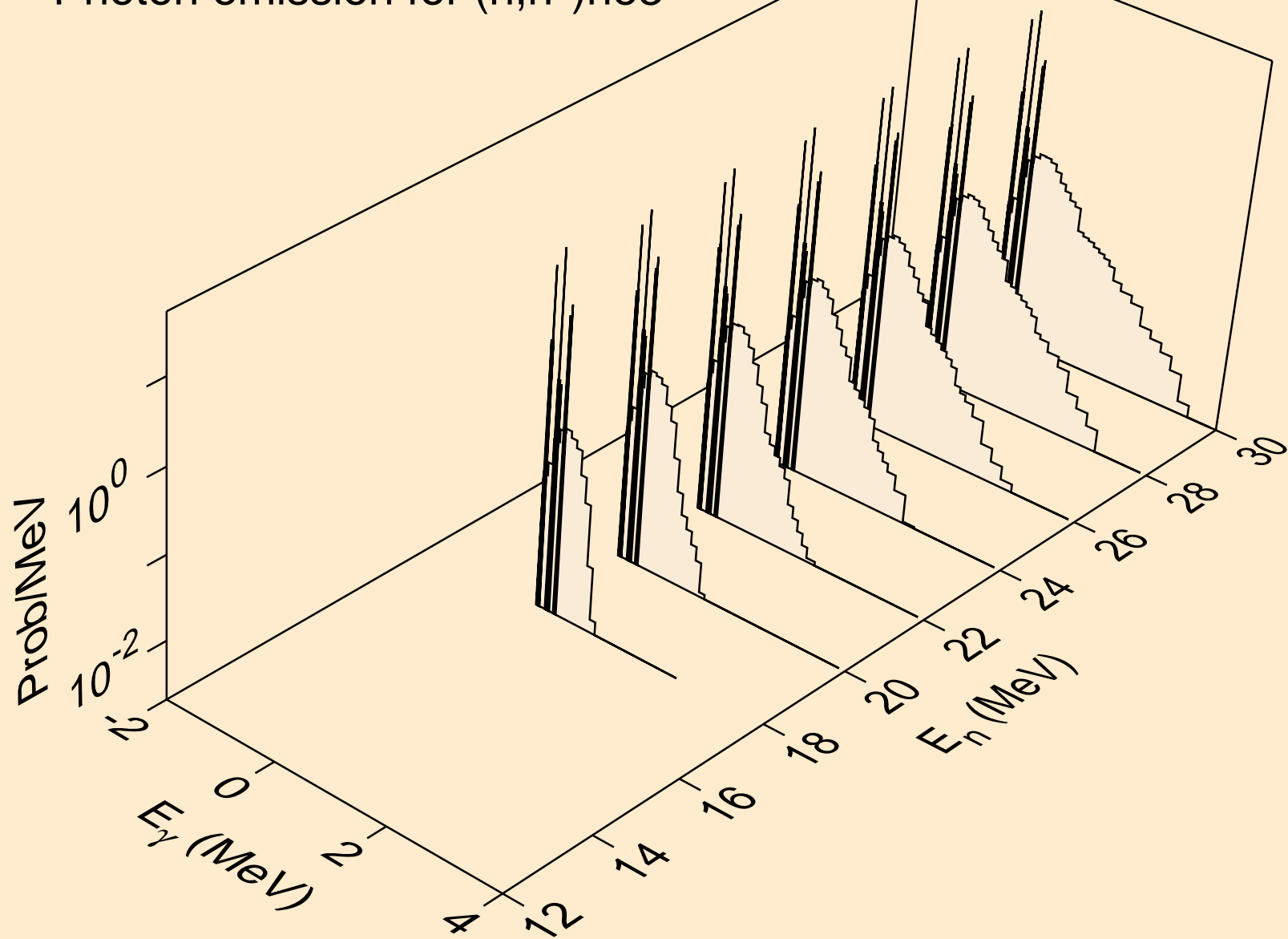




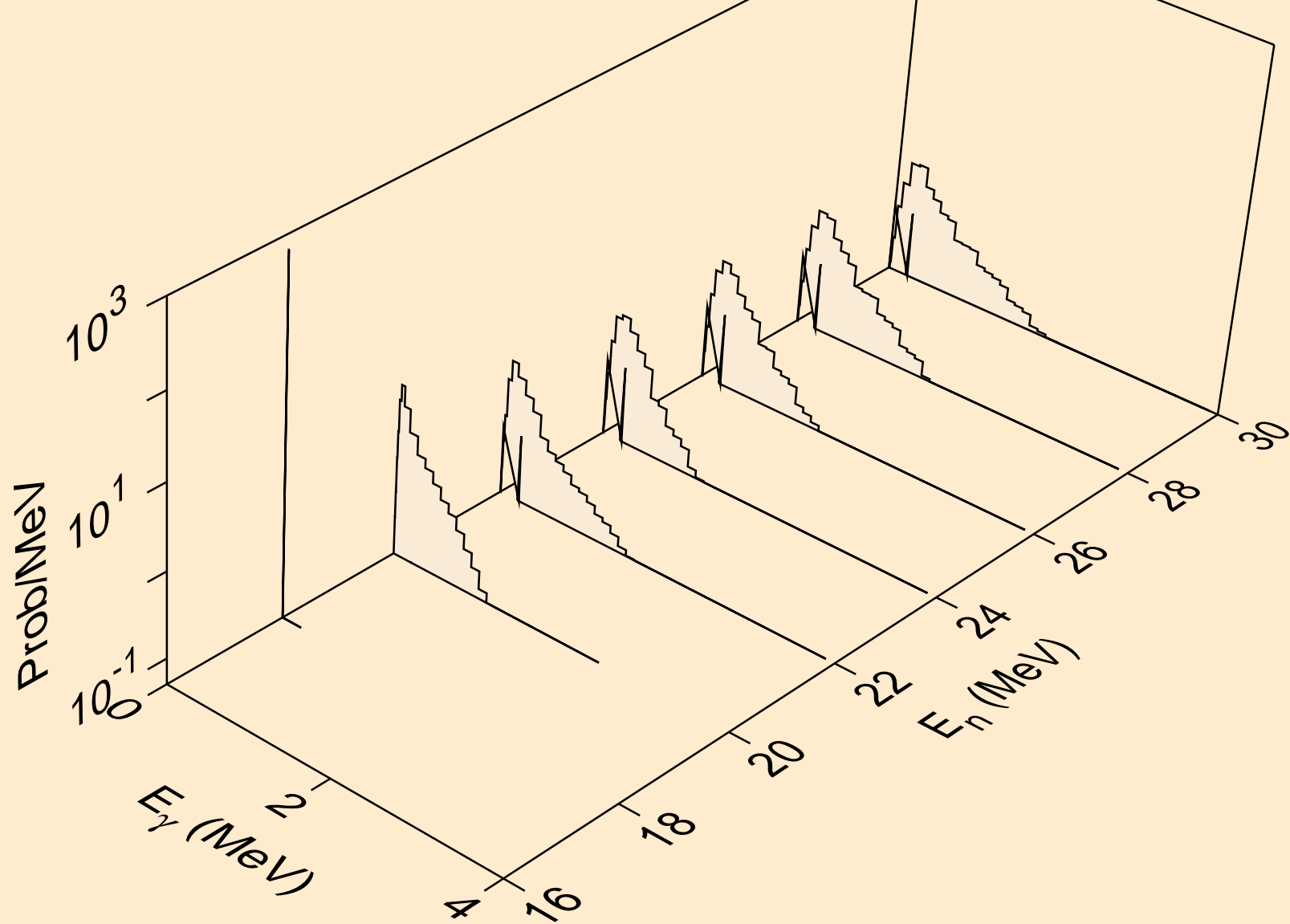
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



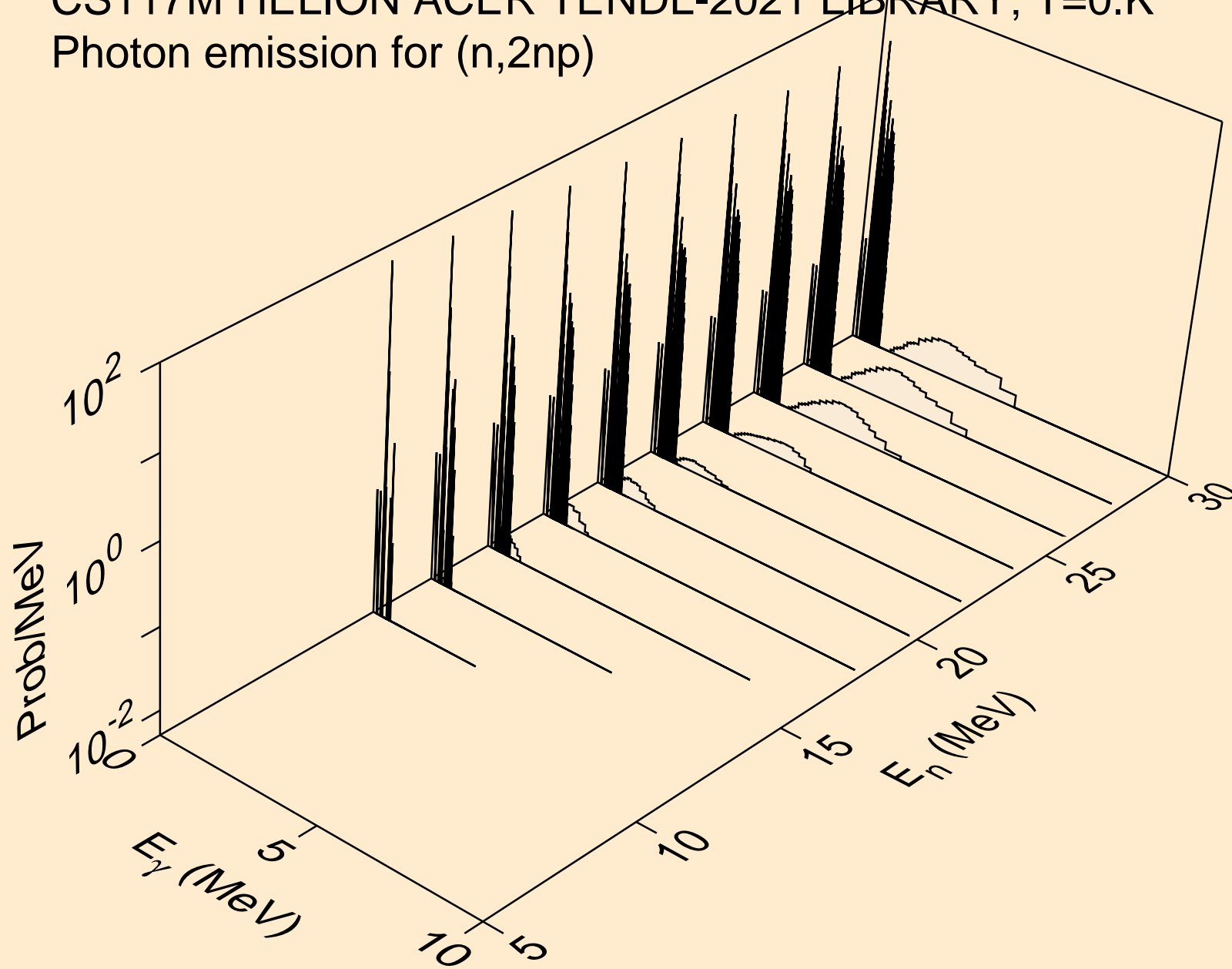
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



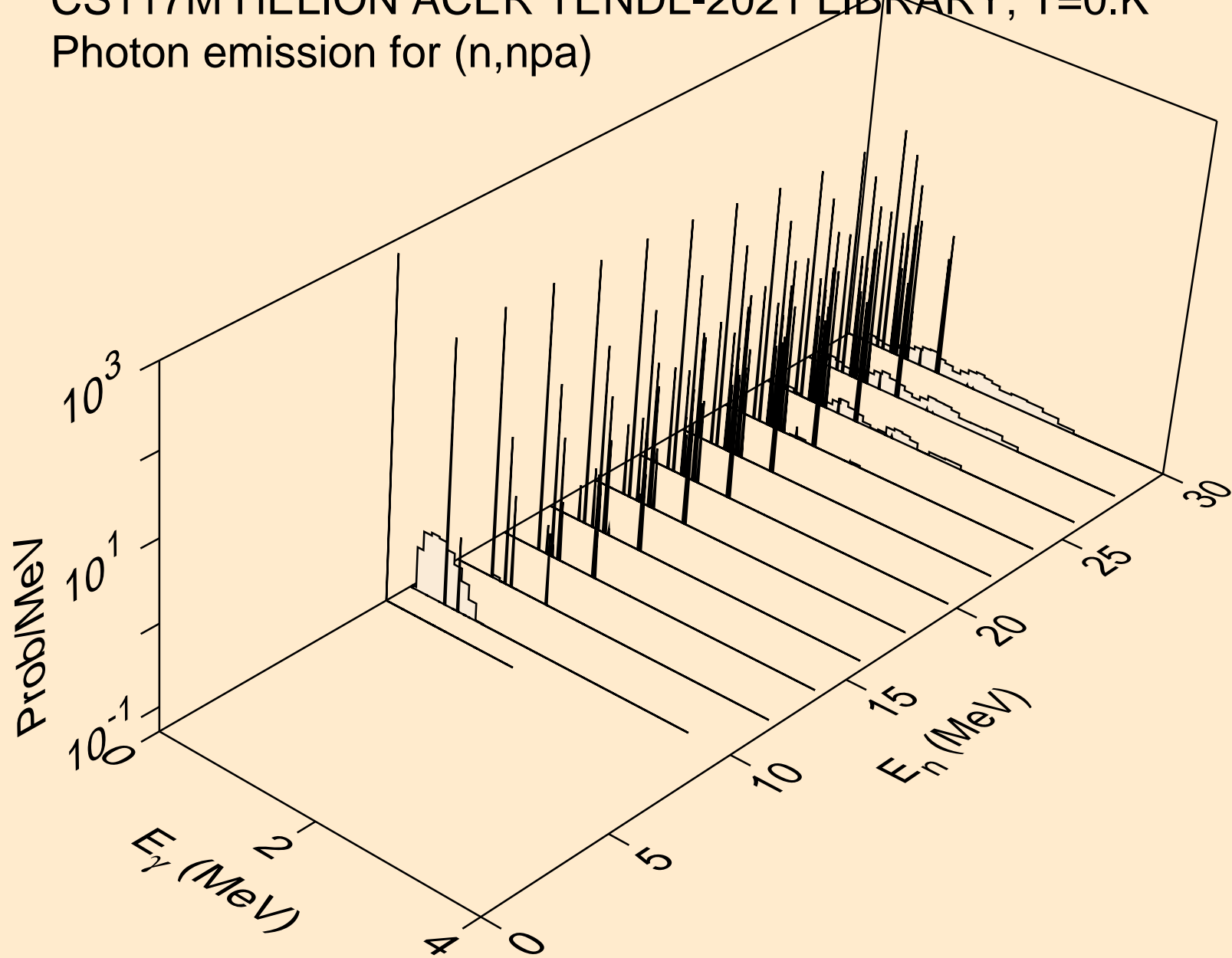
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Photon emission for (n,2np)



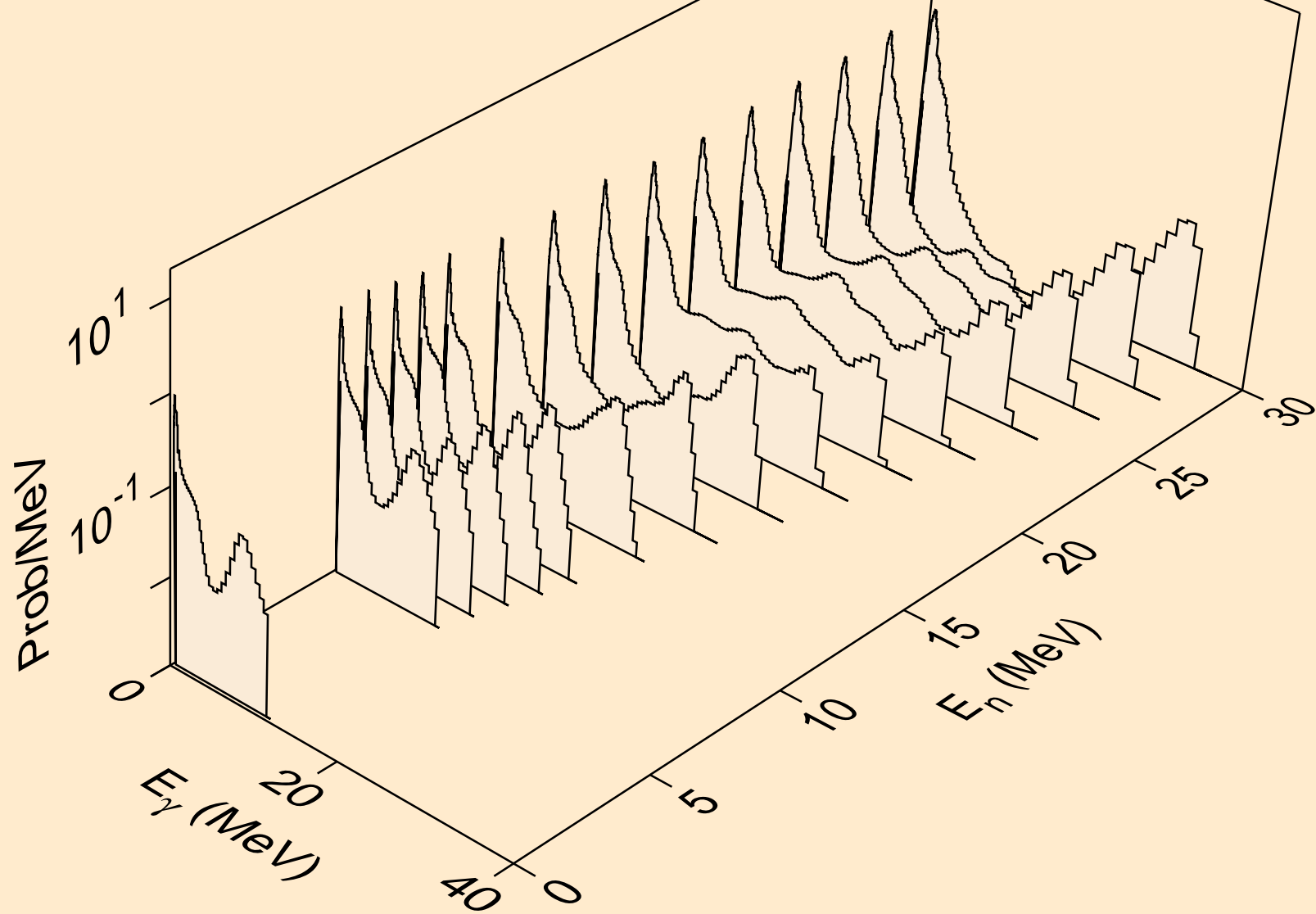
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Photon emission for (n,2np)



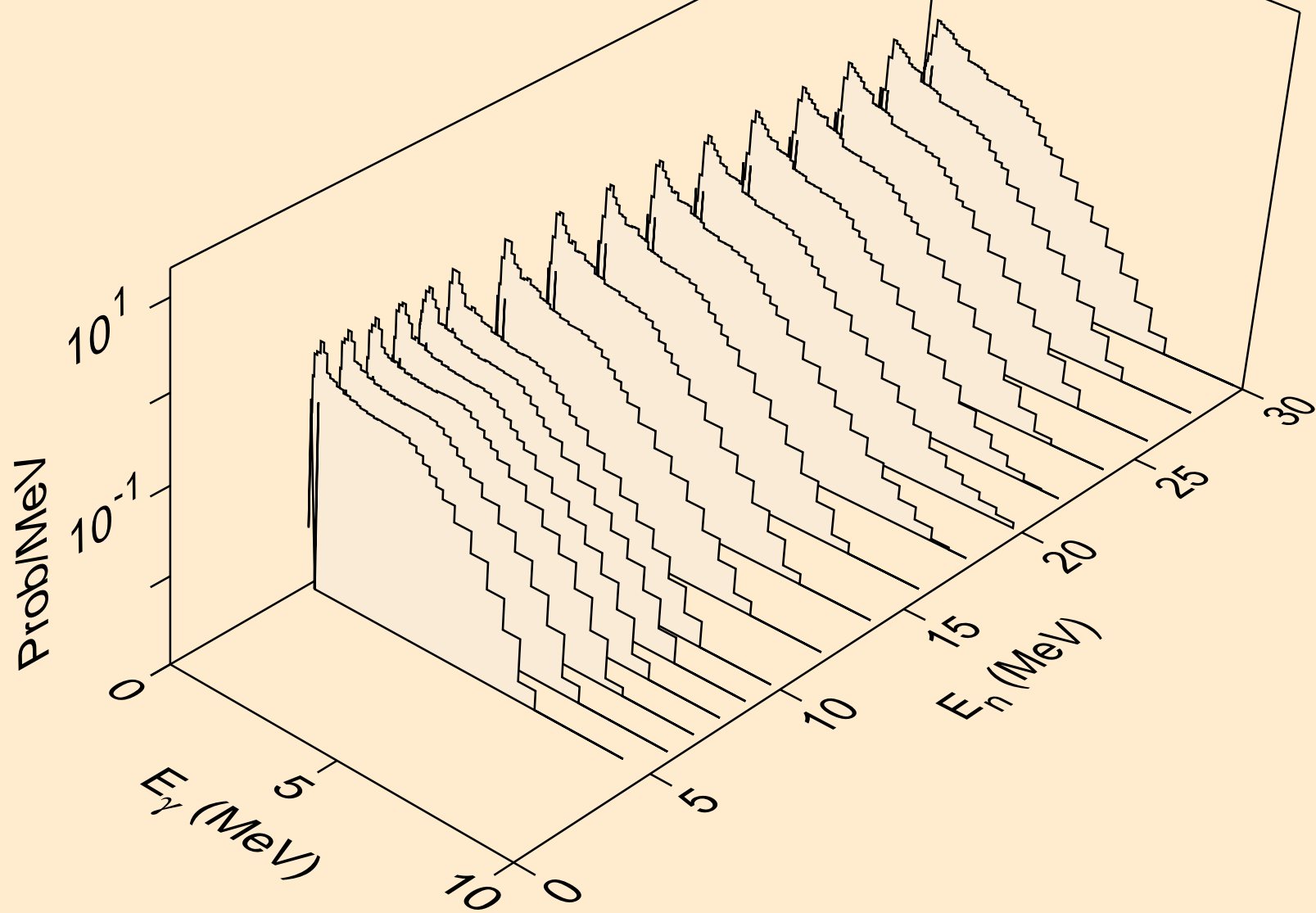
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



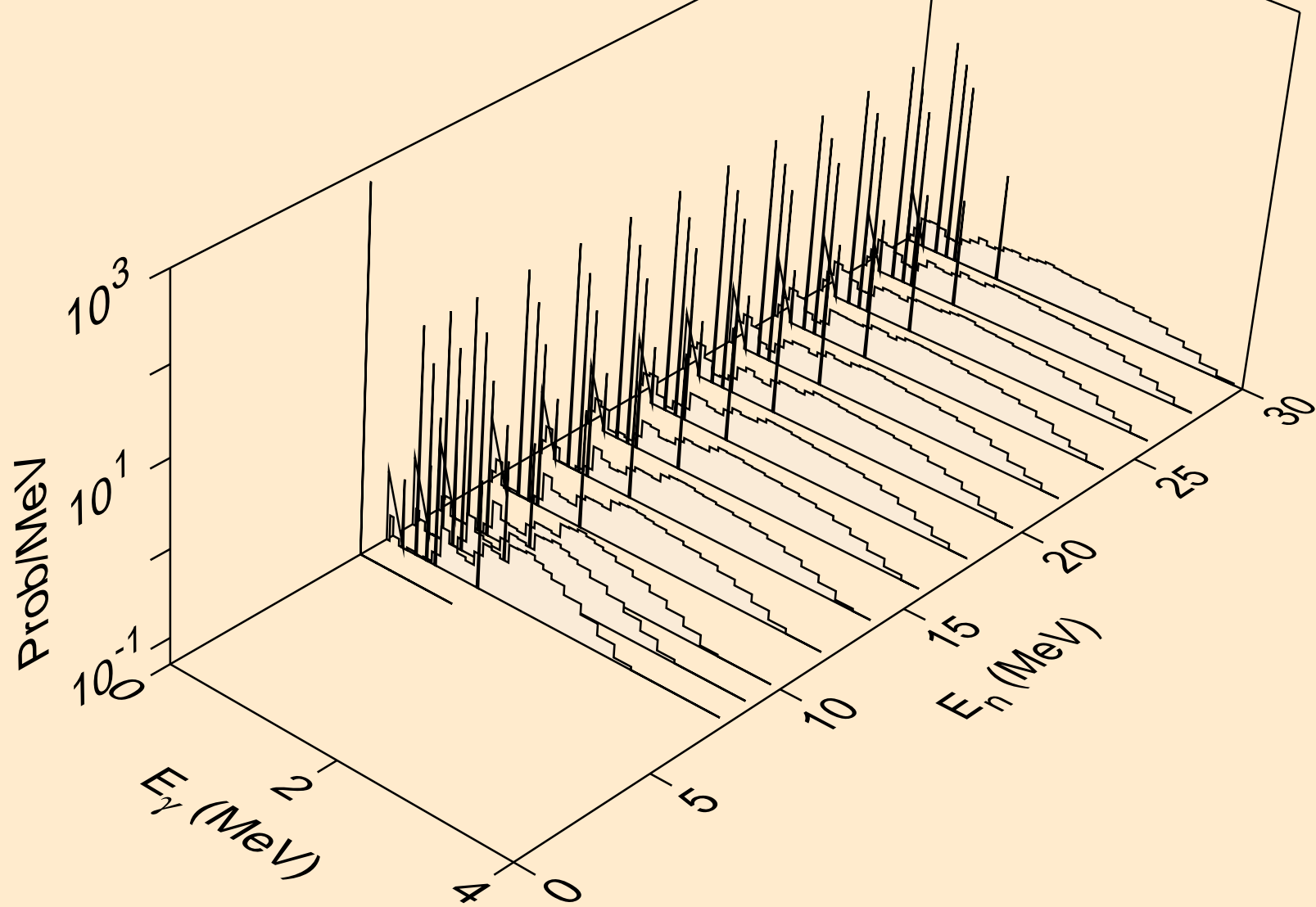
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

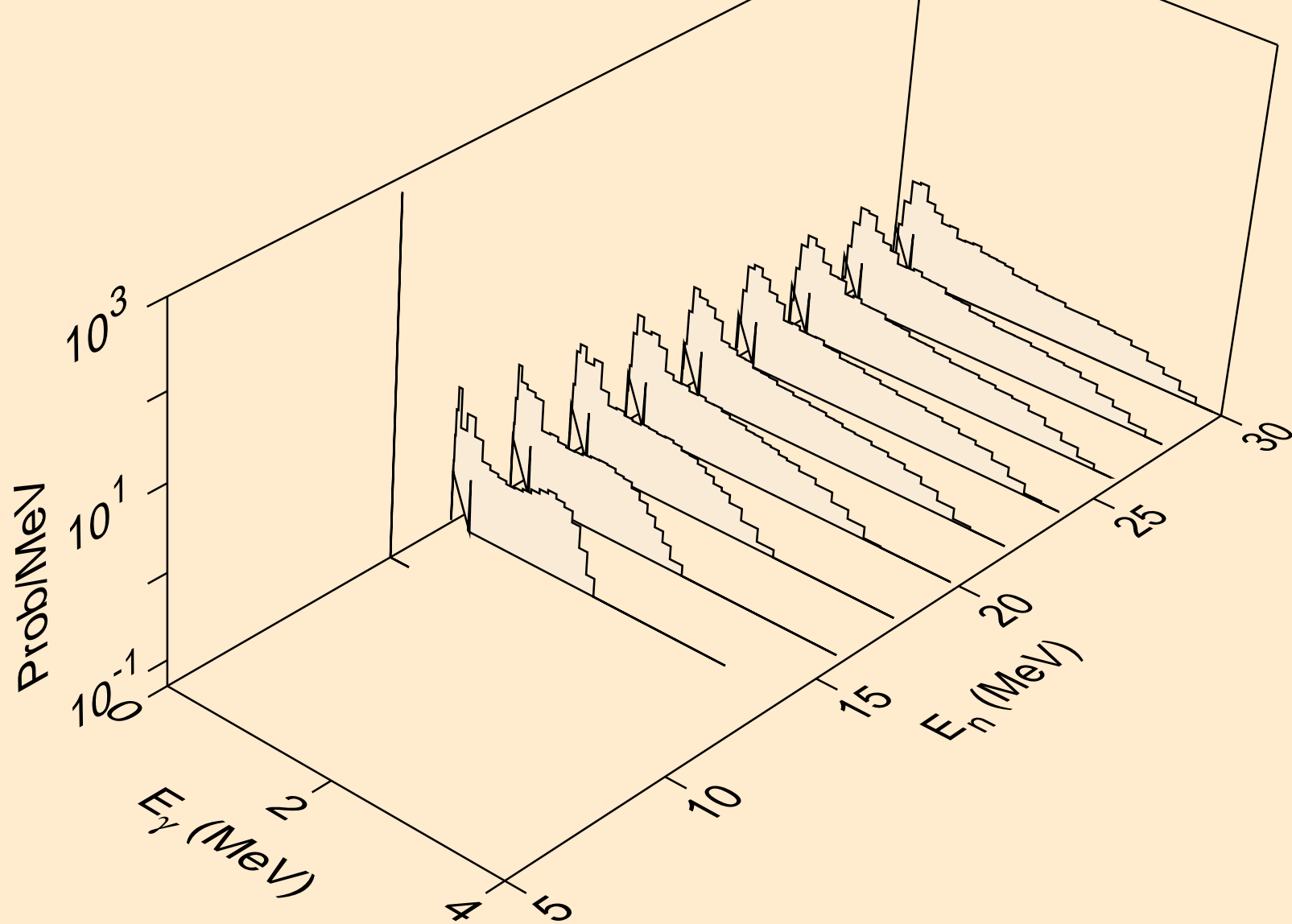


CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

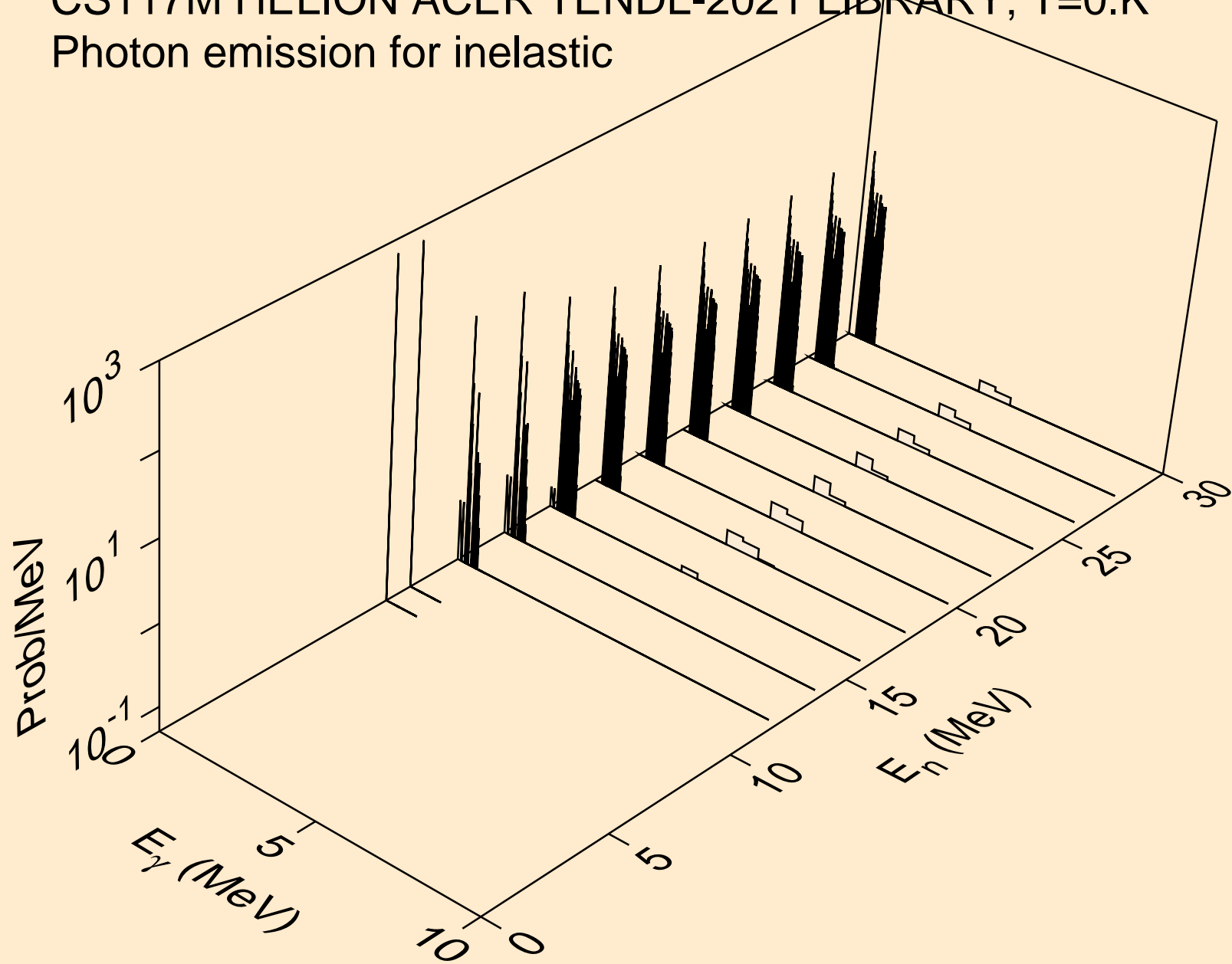




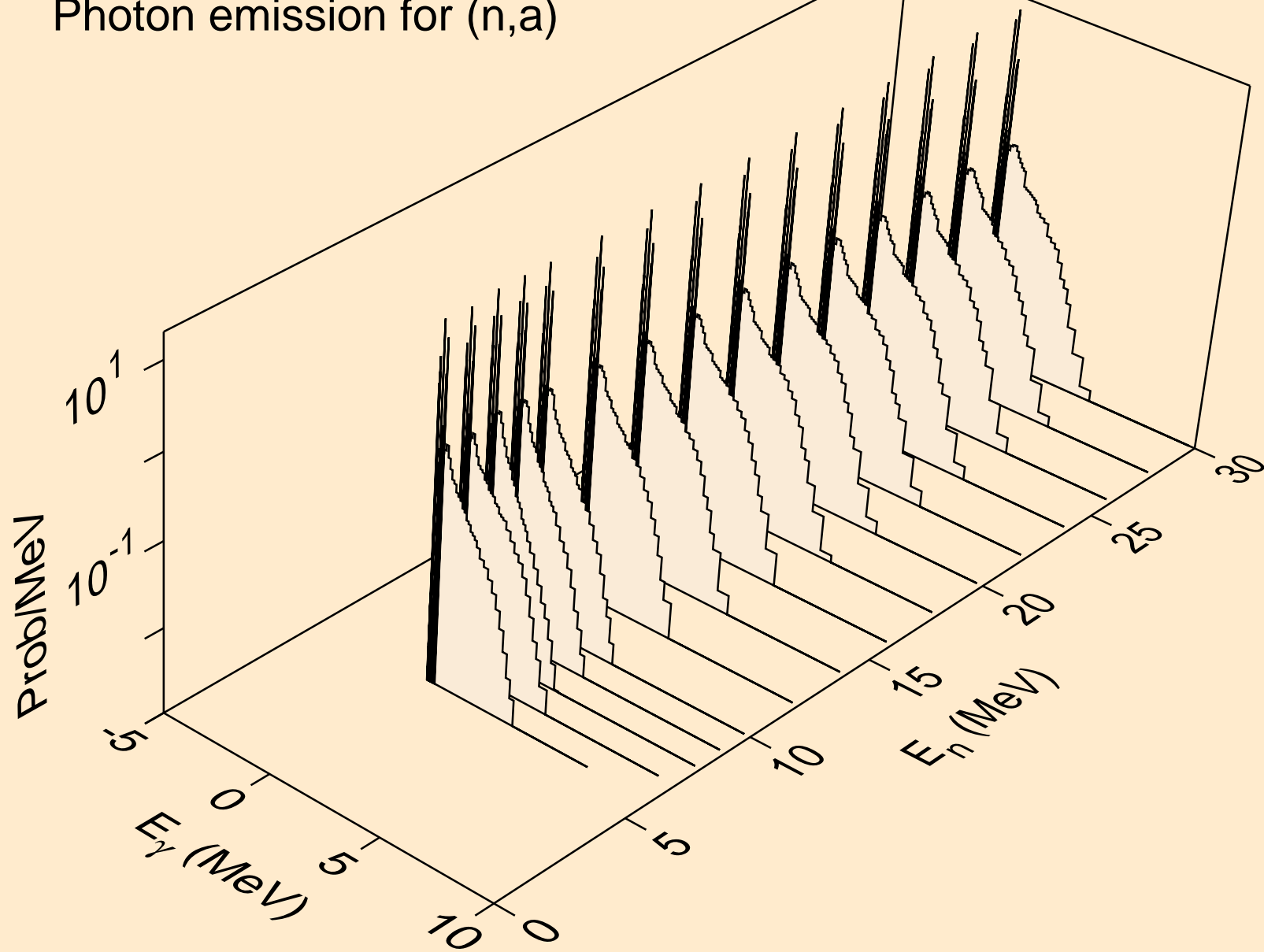
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Photon emission for (n,t)



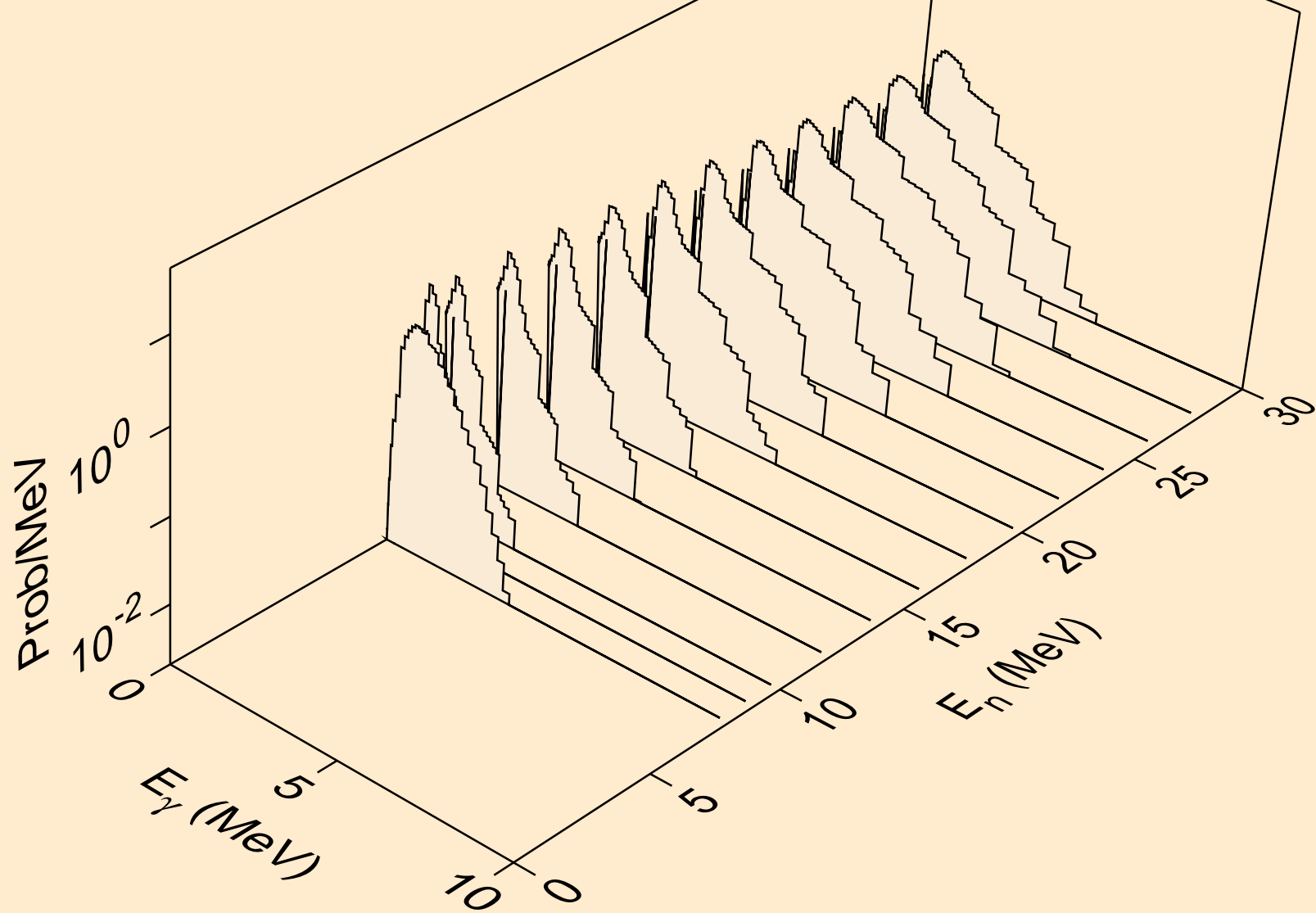
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



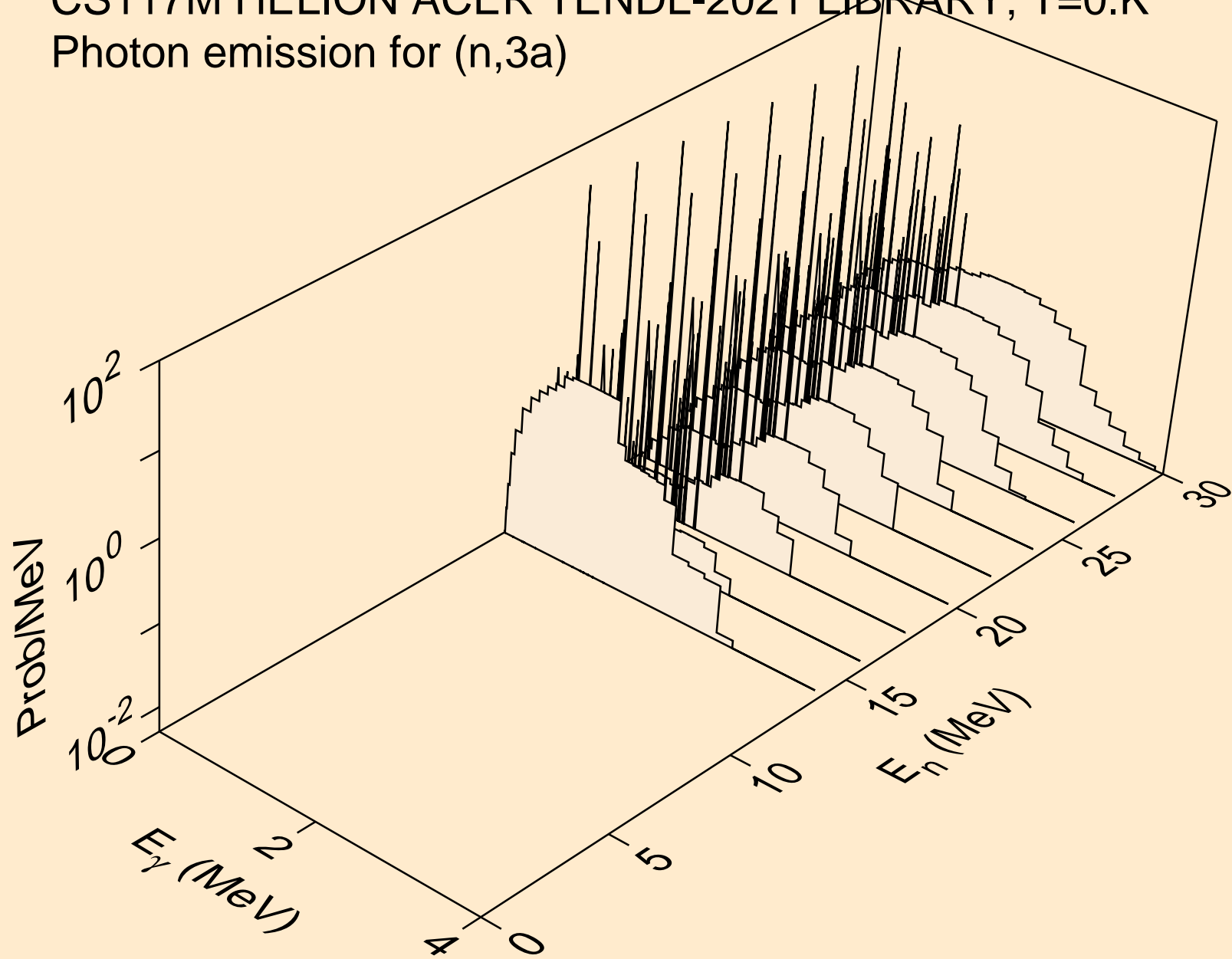
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Photon emission for (n,a)



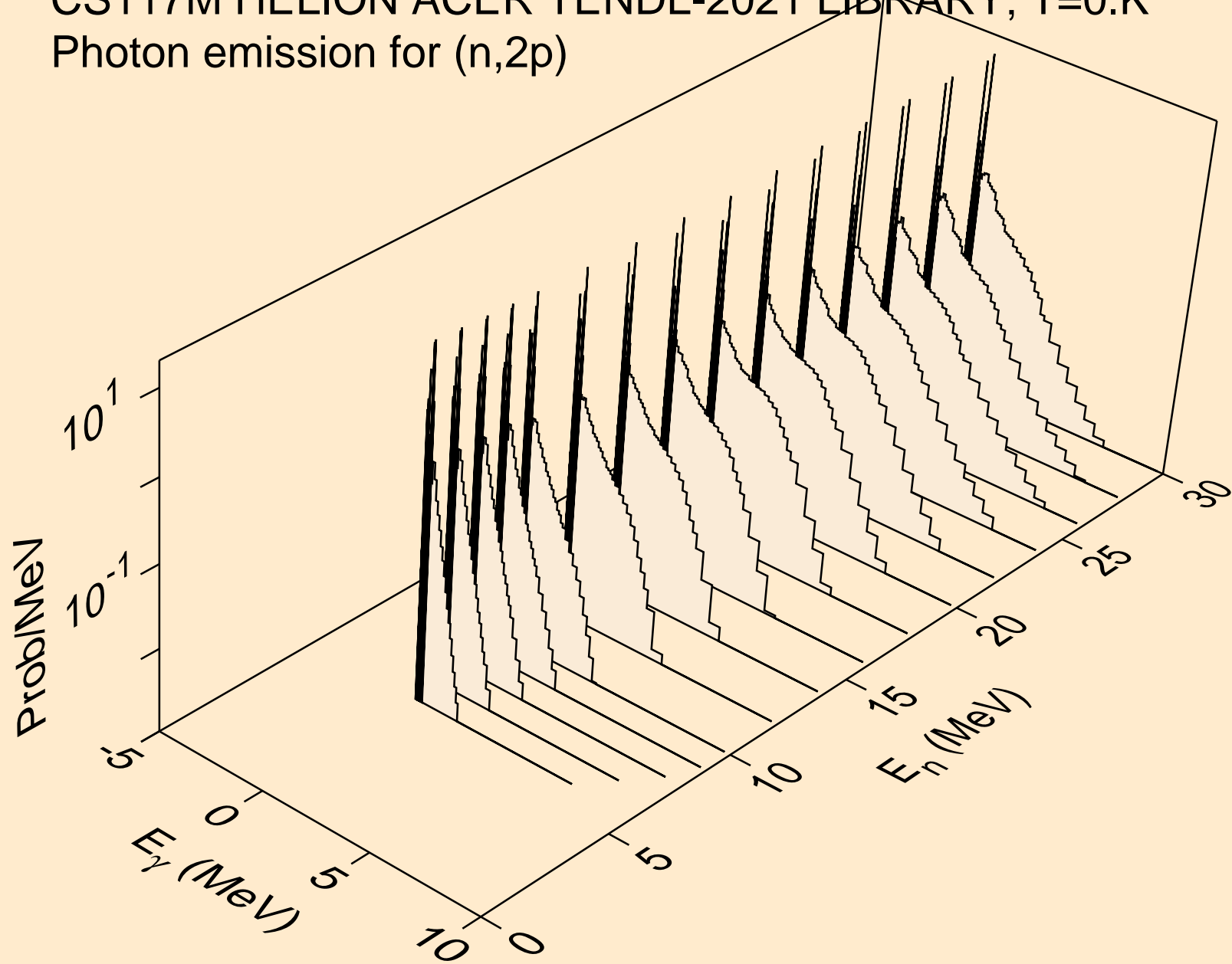
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Photon emission for (n,2a)



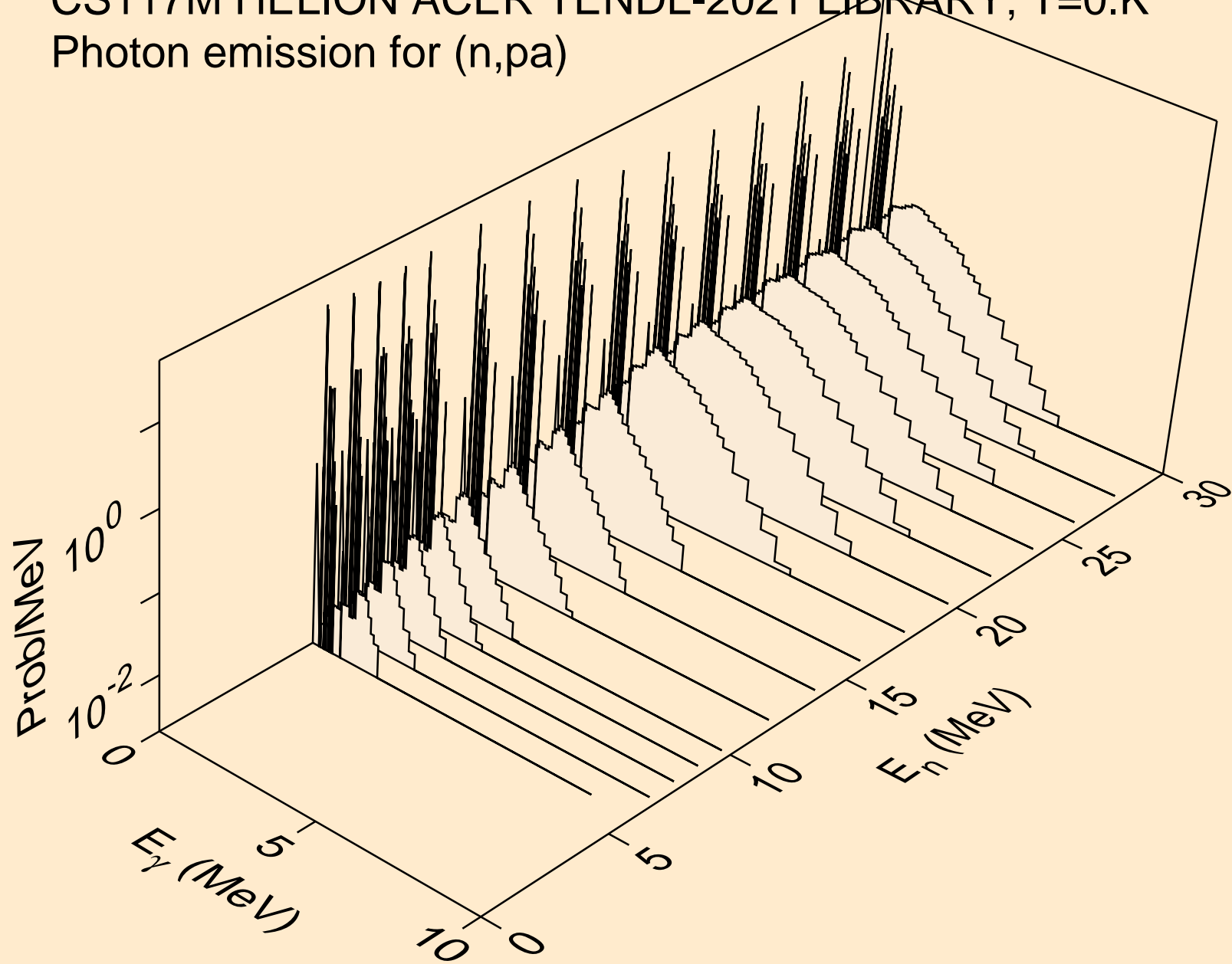
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Photon emission for (n,3a)



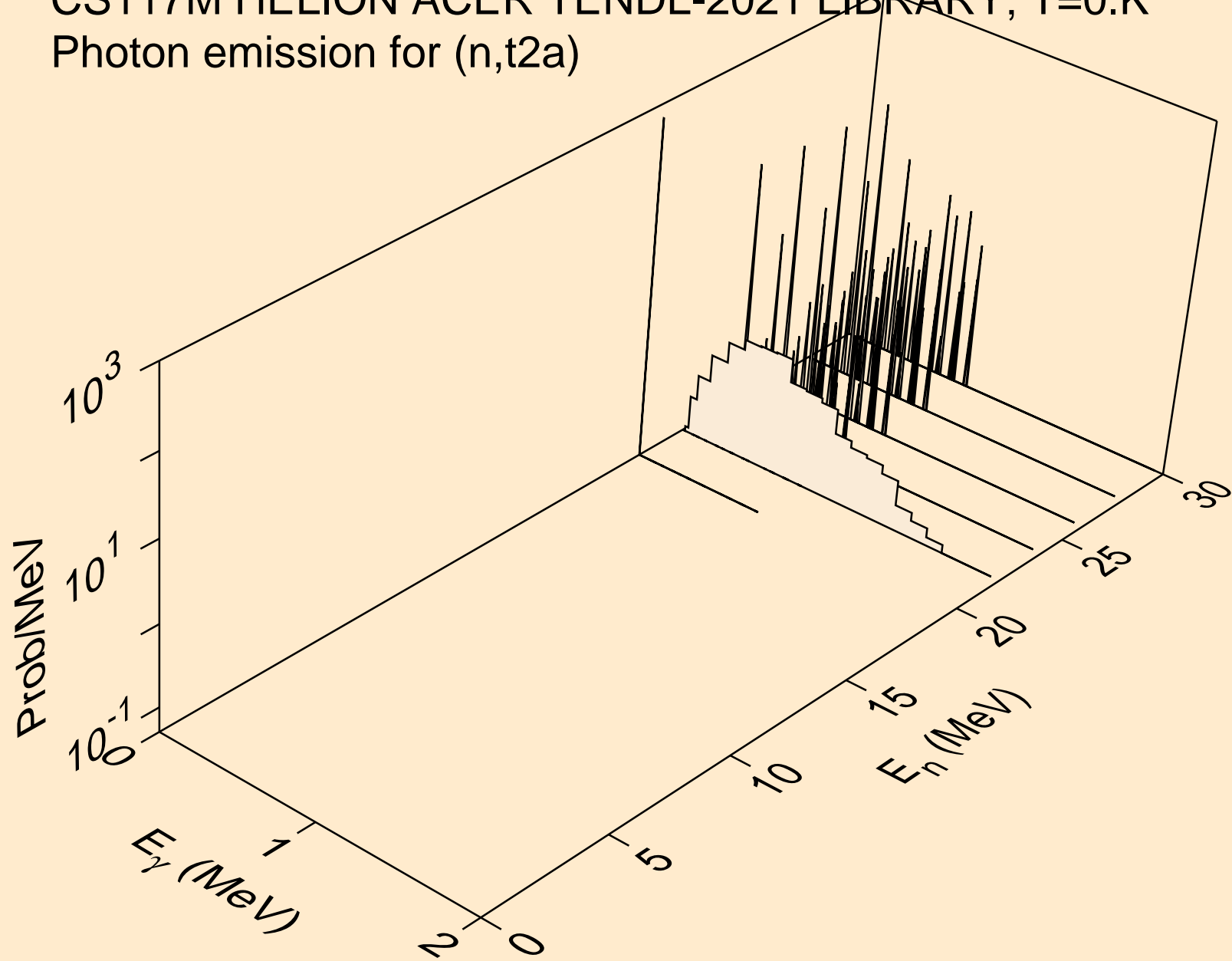
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

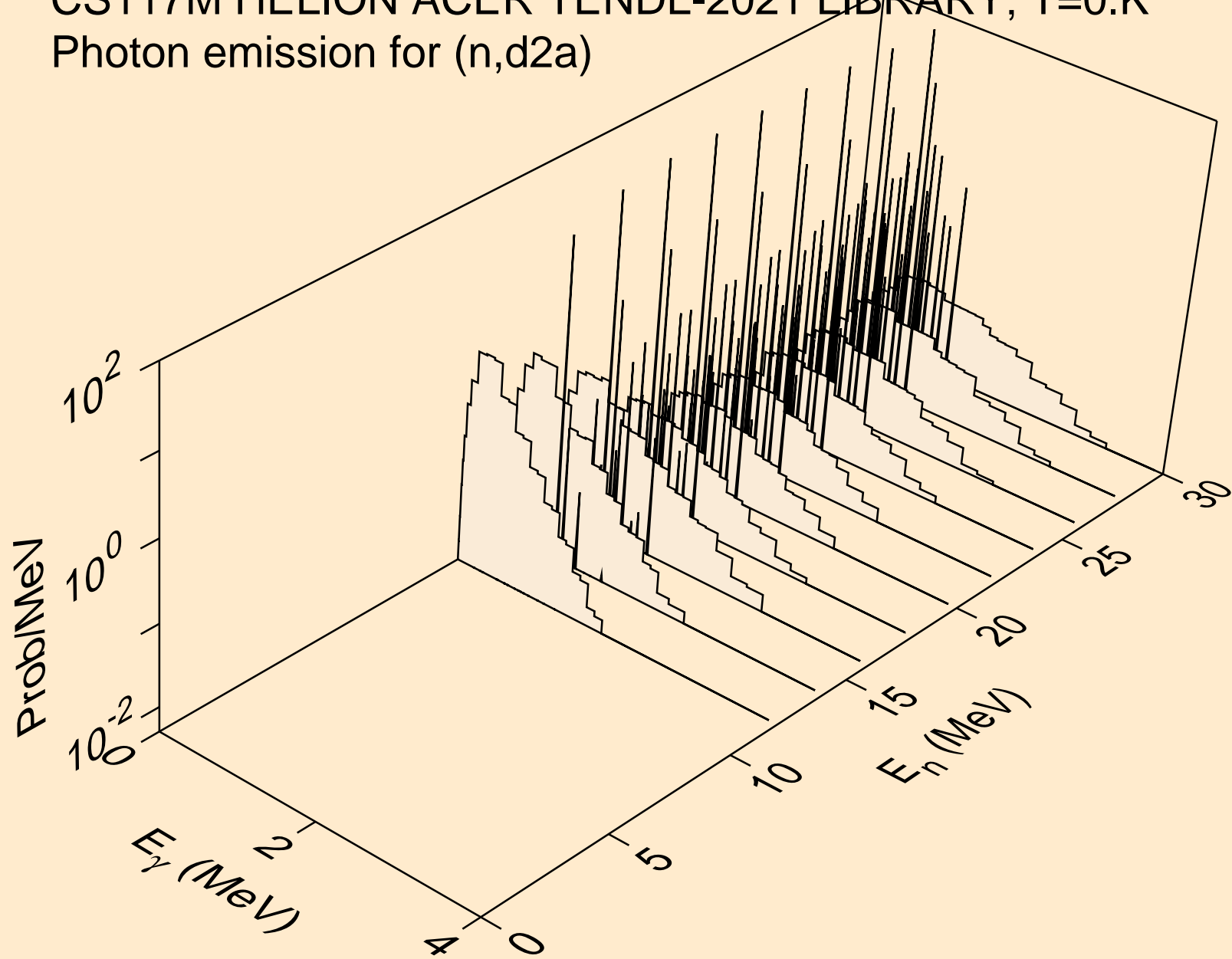


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Photon emission for (n,t2a)

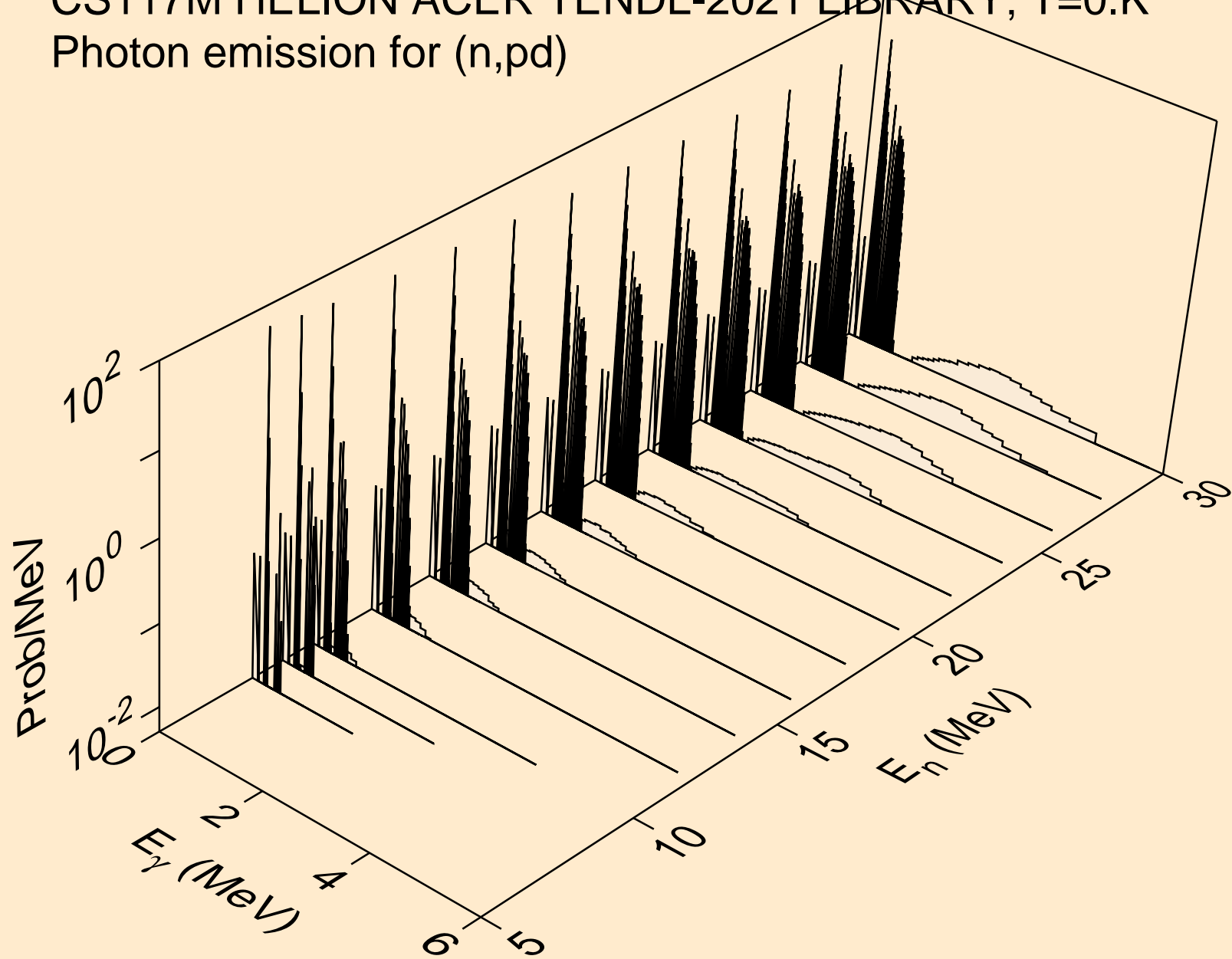




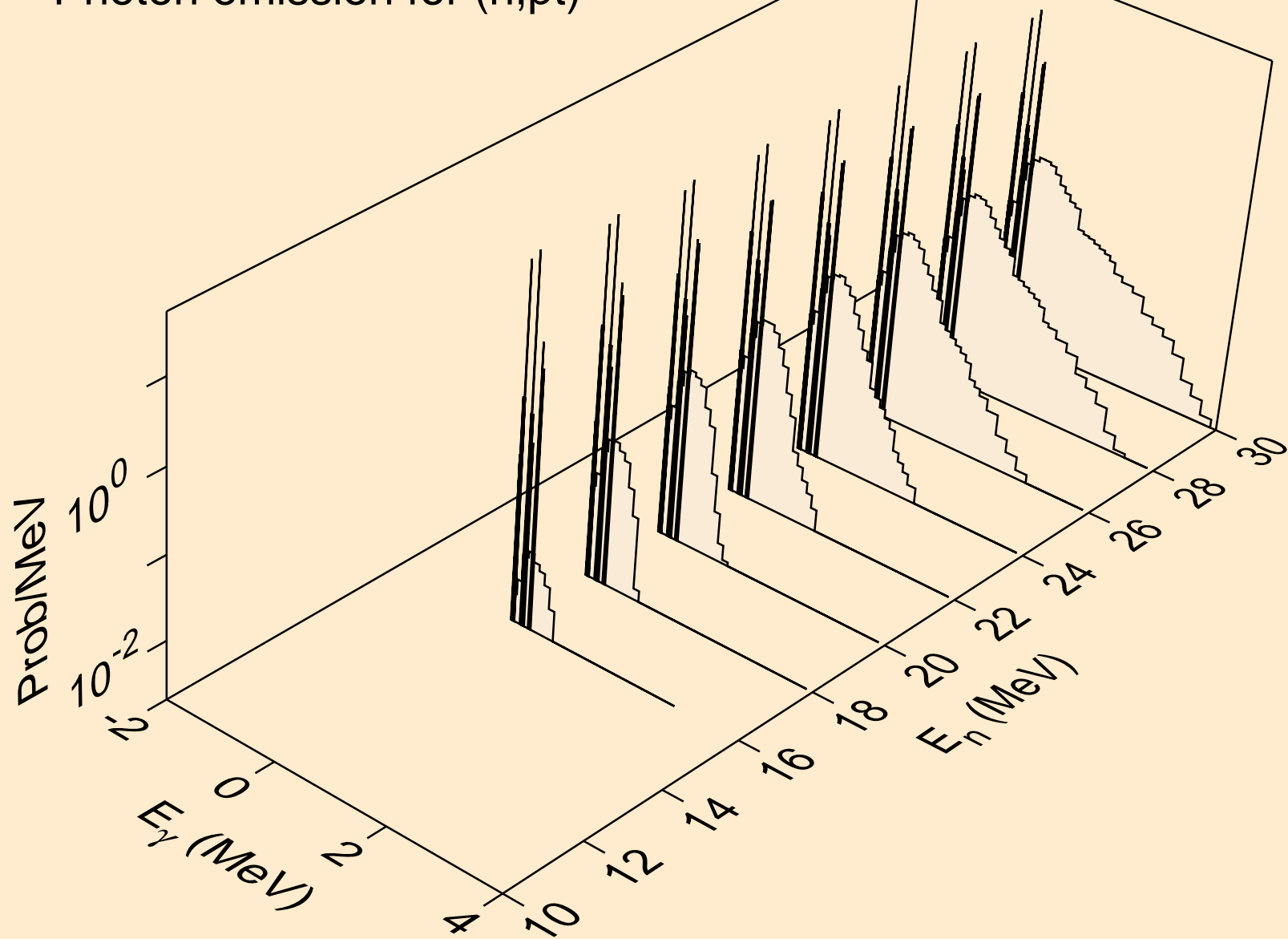
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Photon emission for (n,d2a)



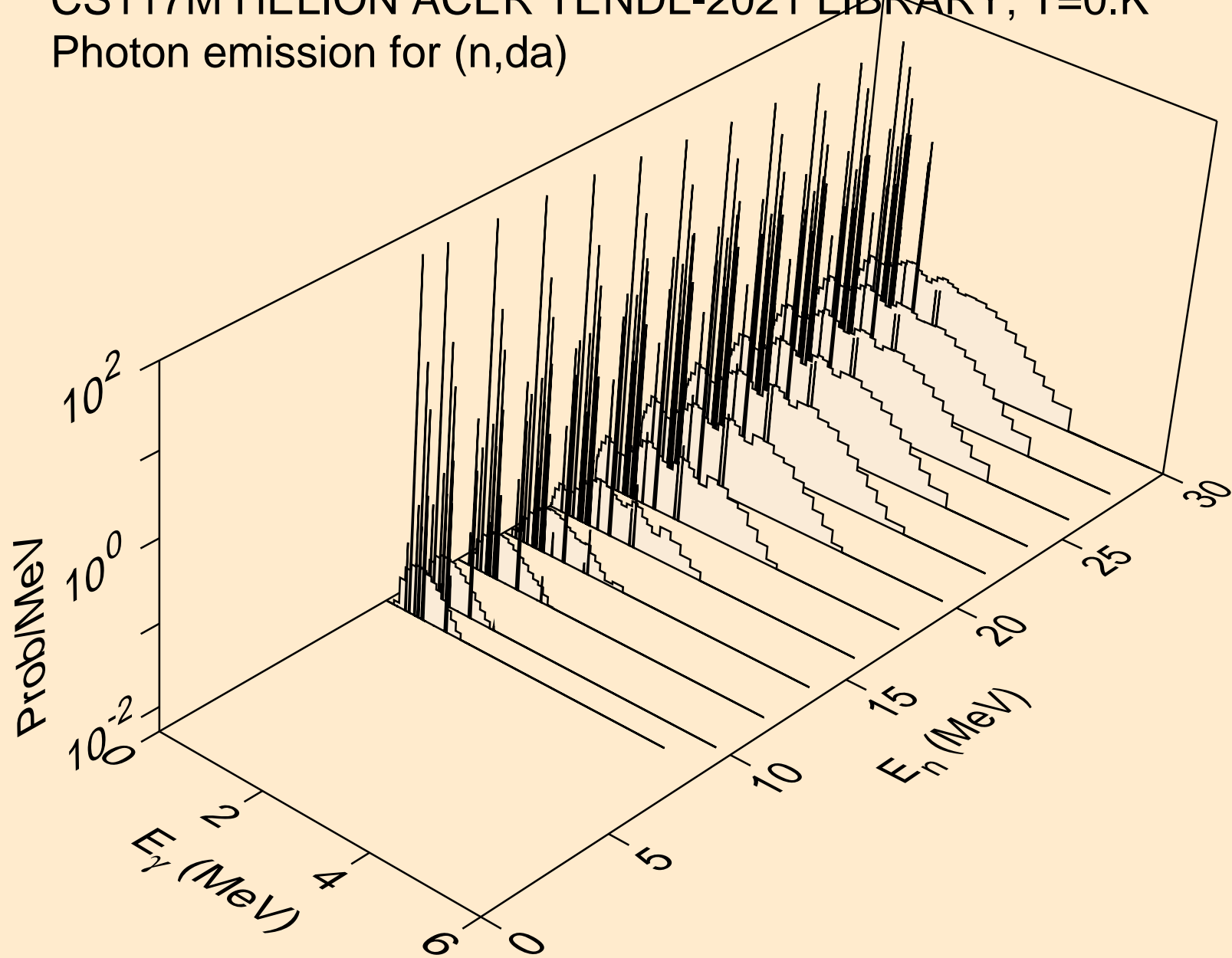
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

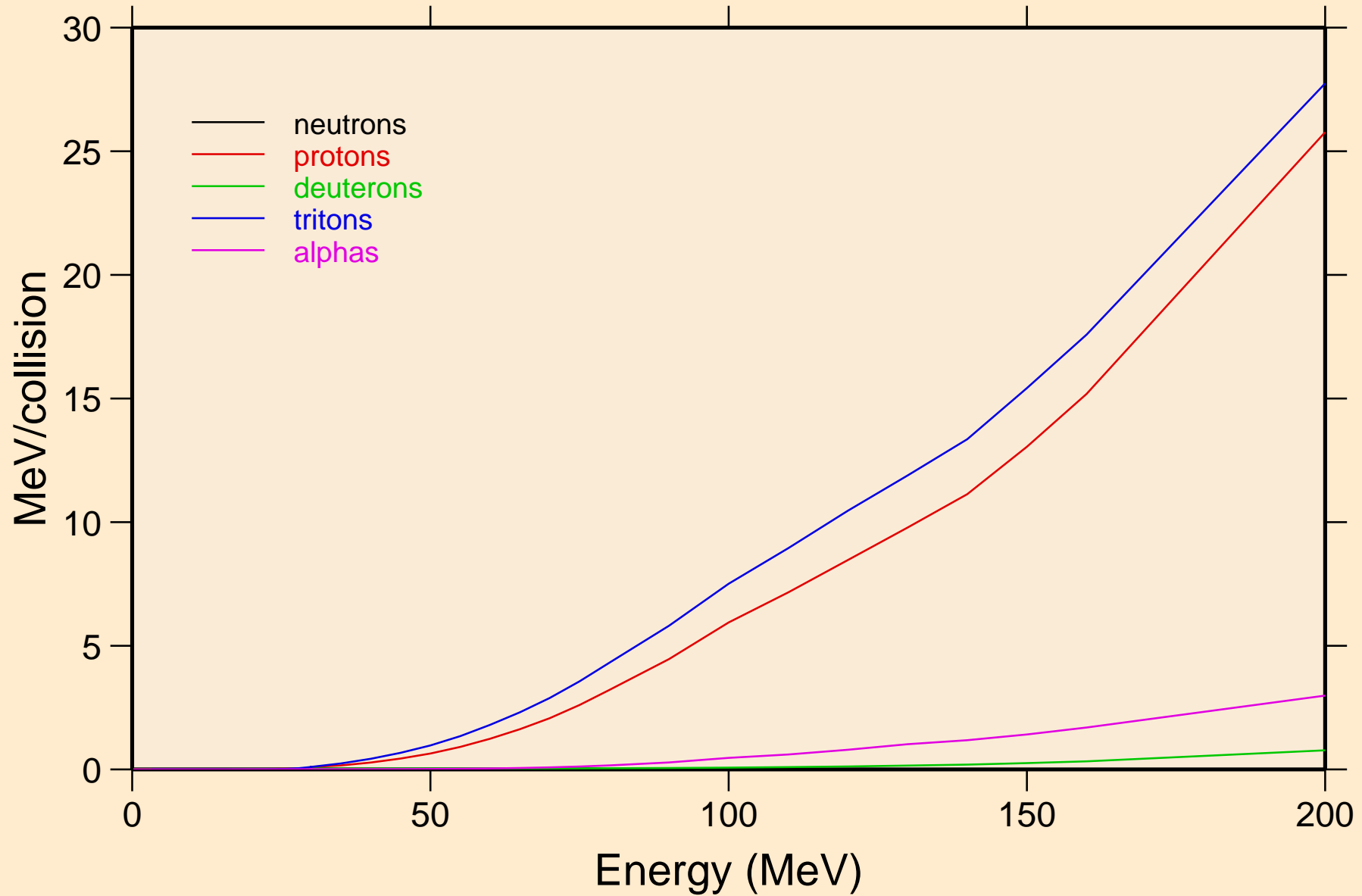


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Photon emission for (n,da)



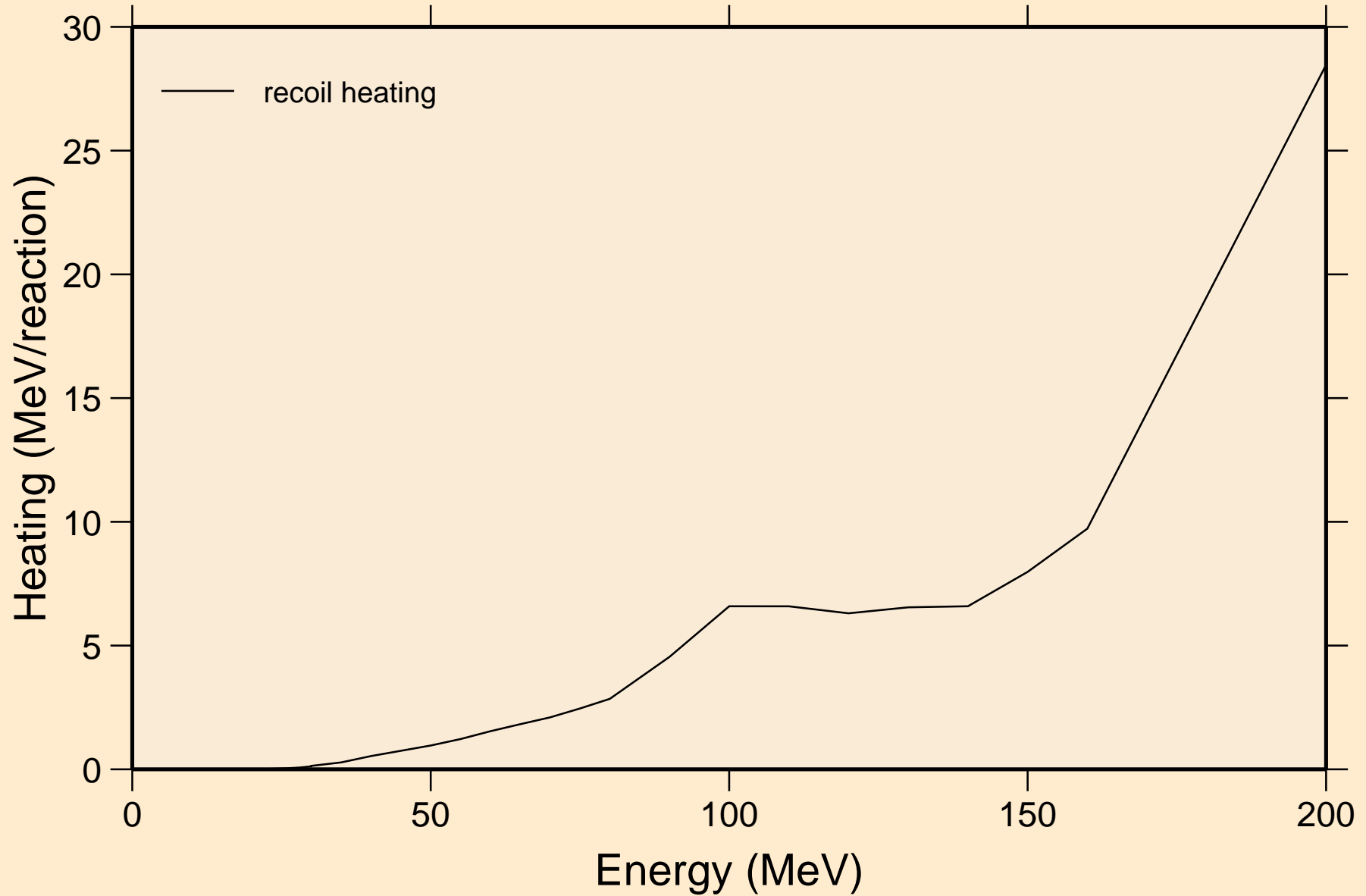
# CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions

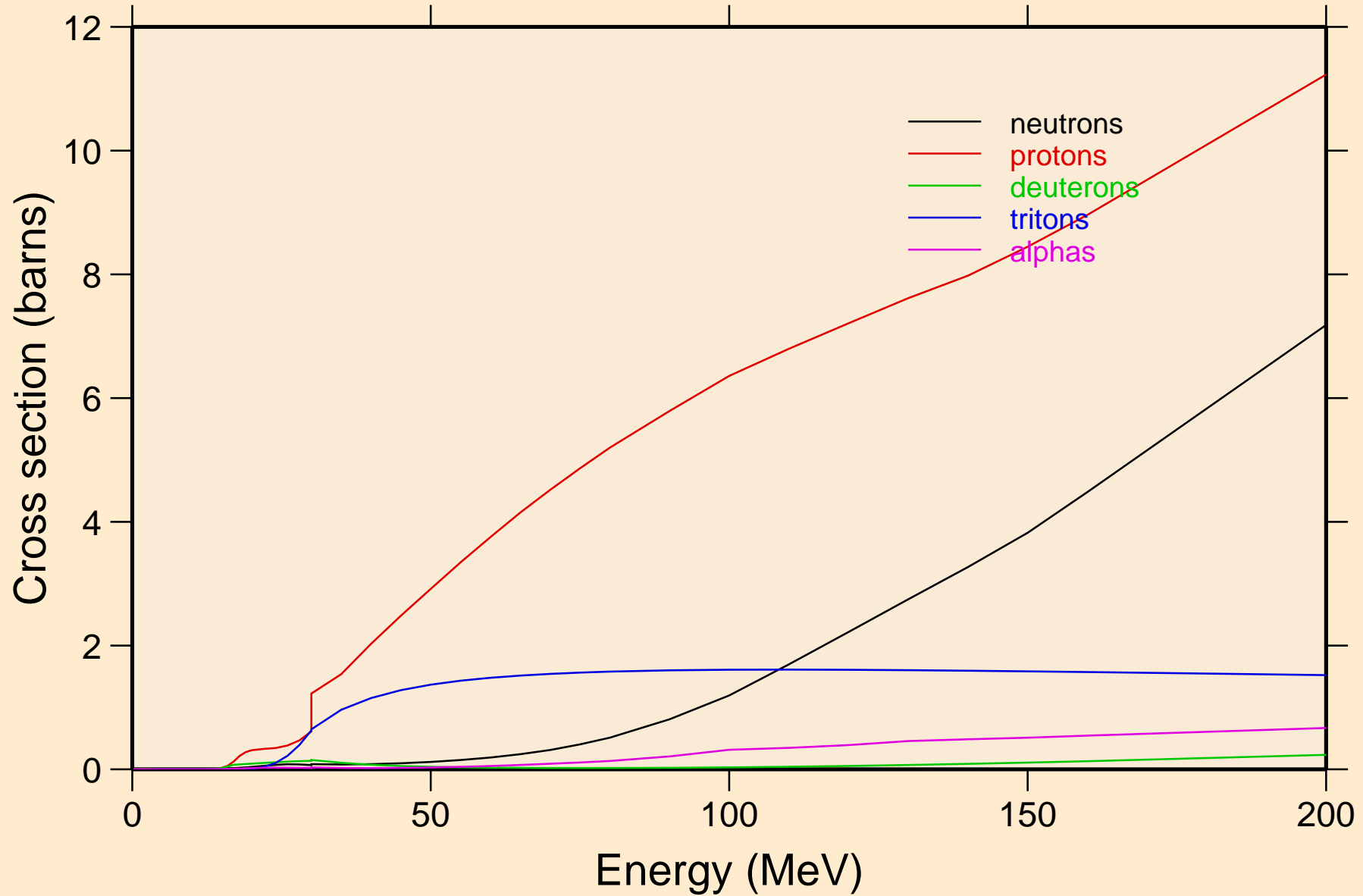


CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K

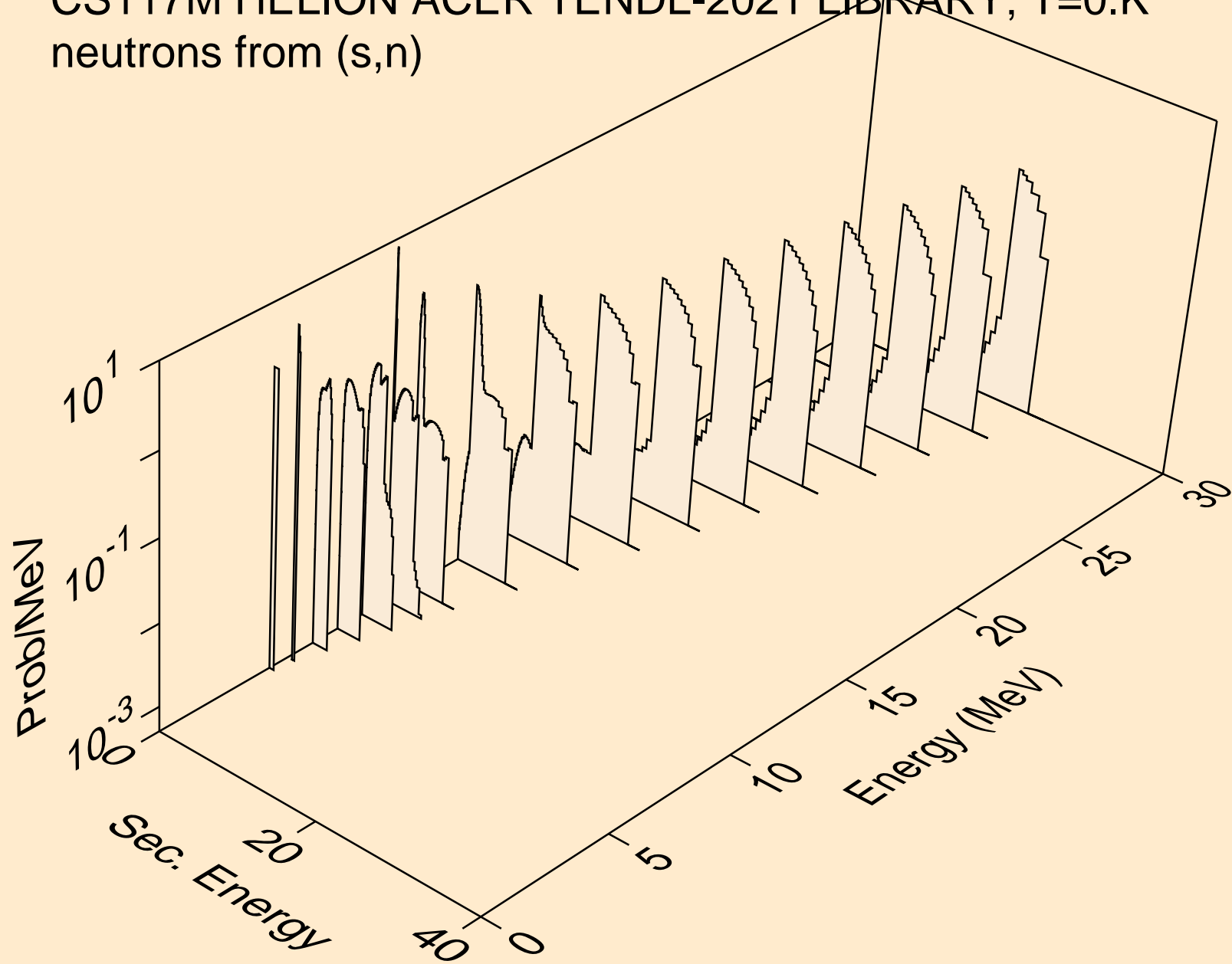
Recoil Heating



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

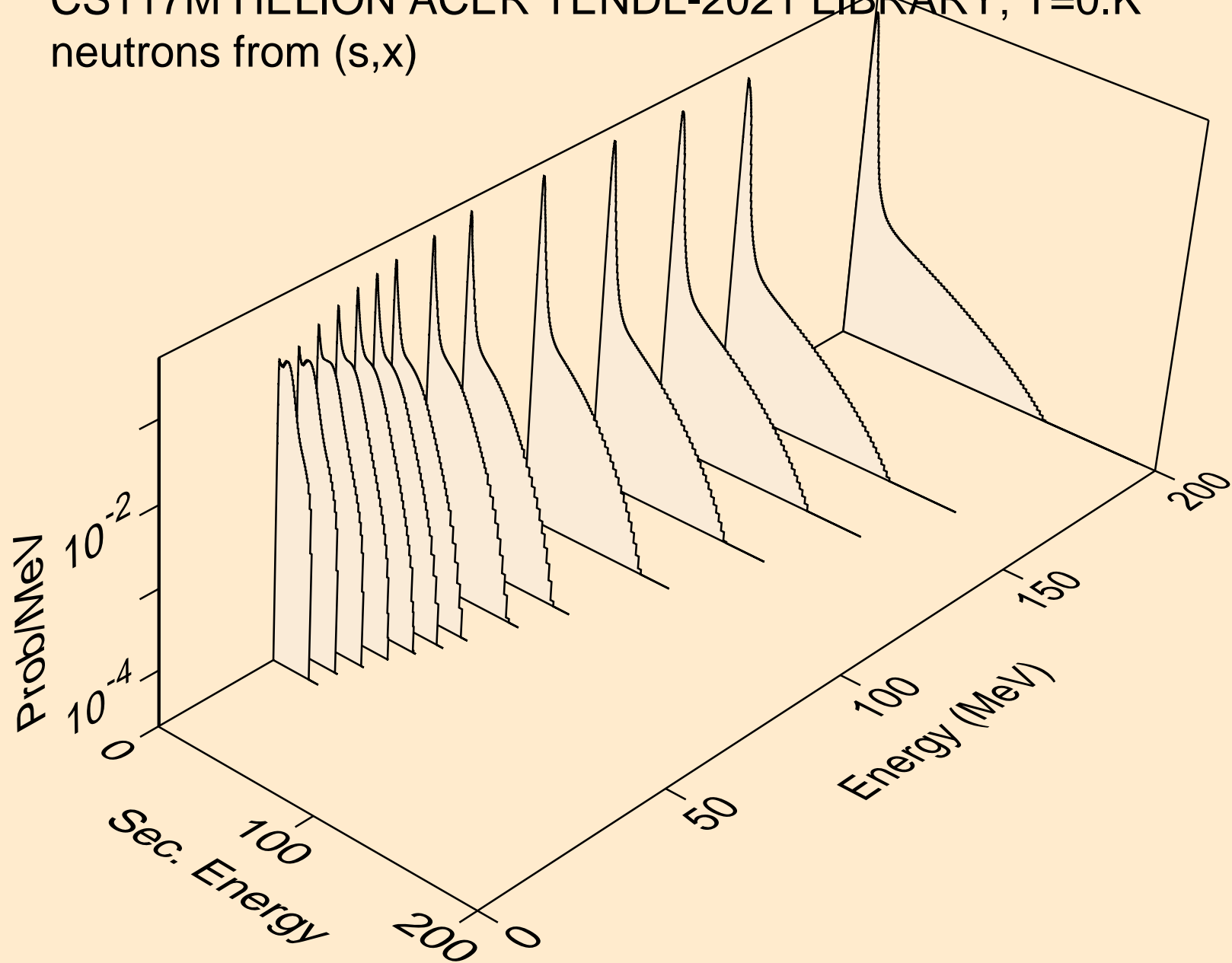


CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

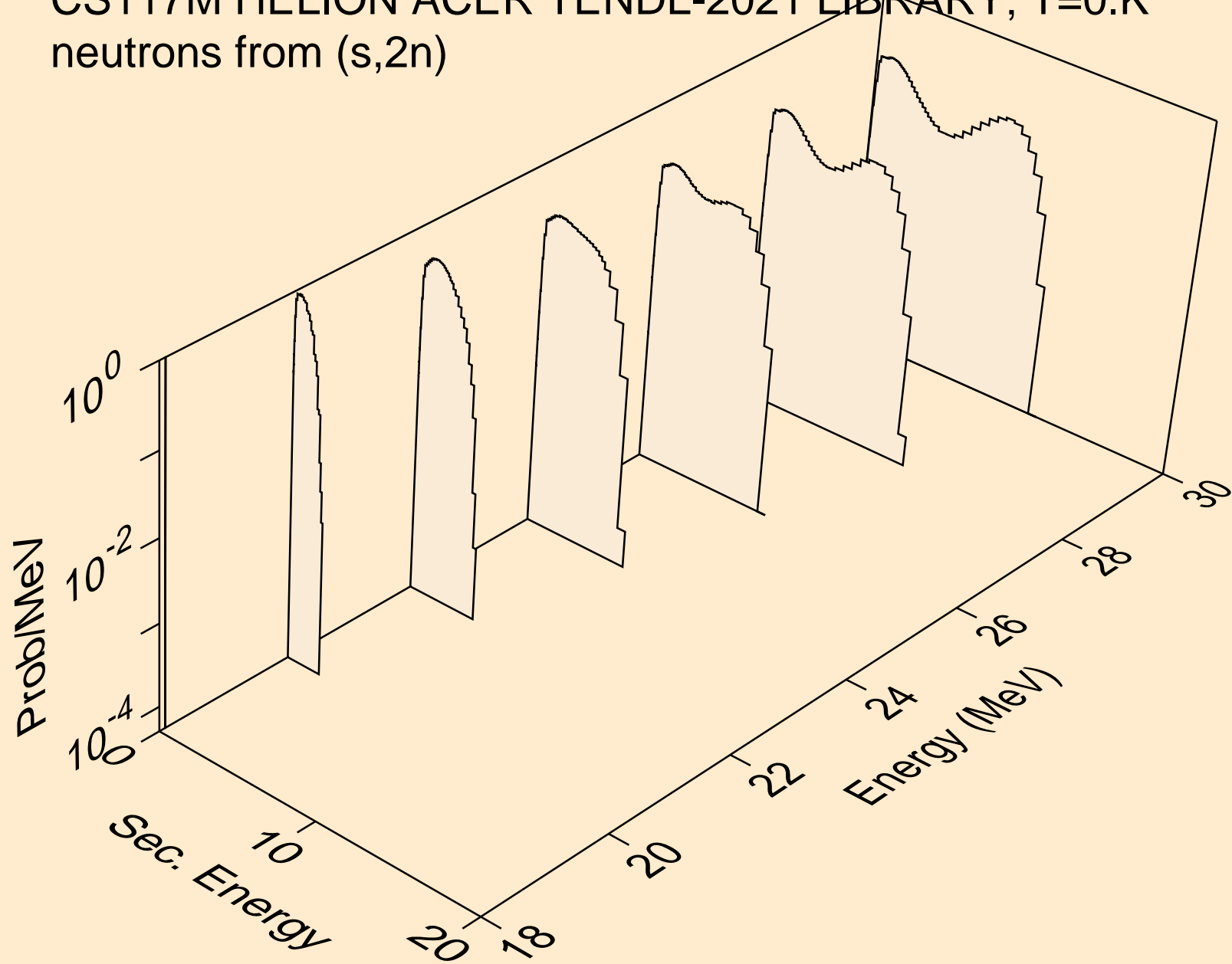




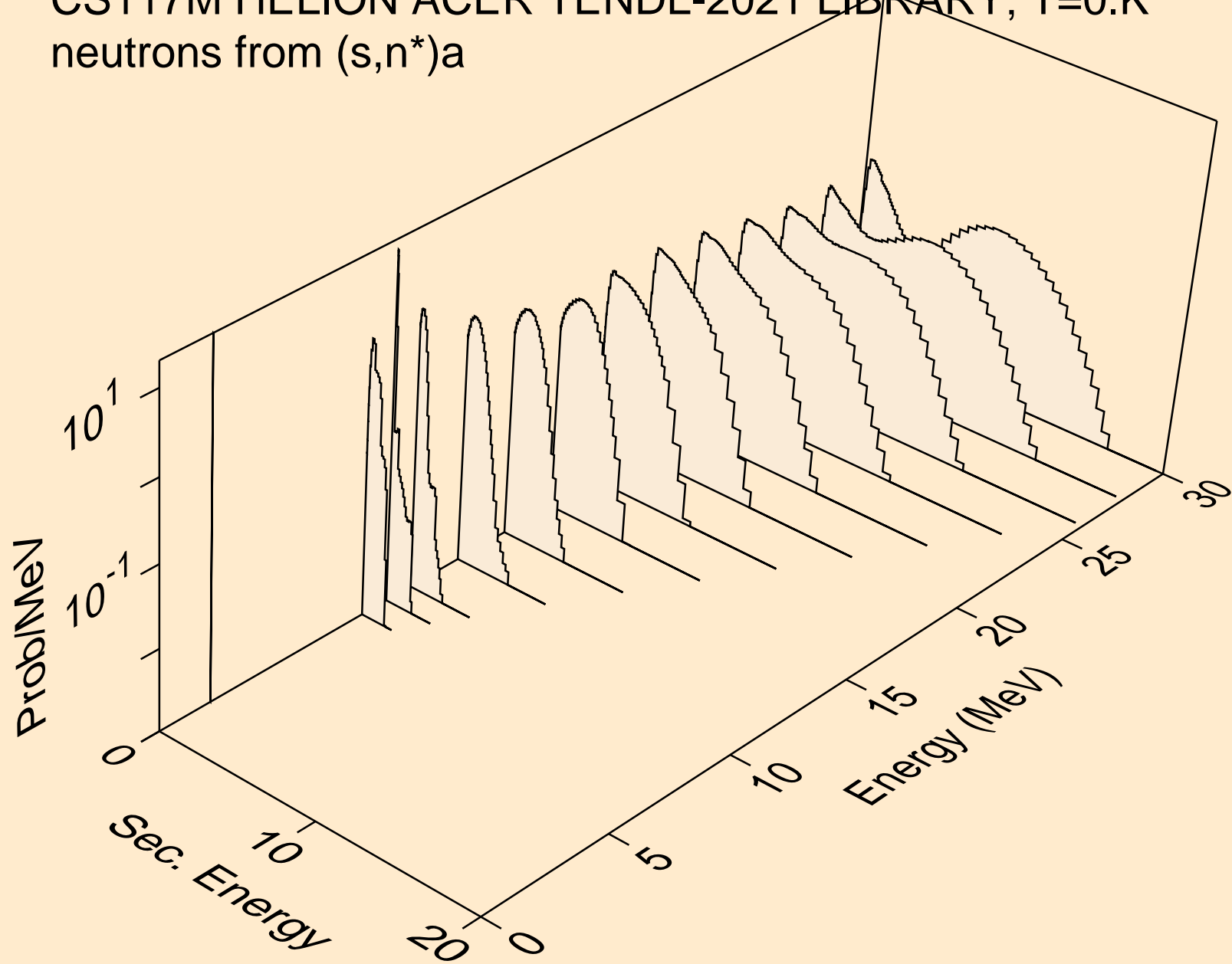
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



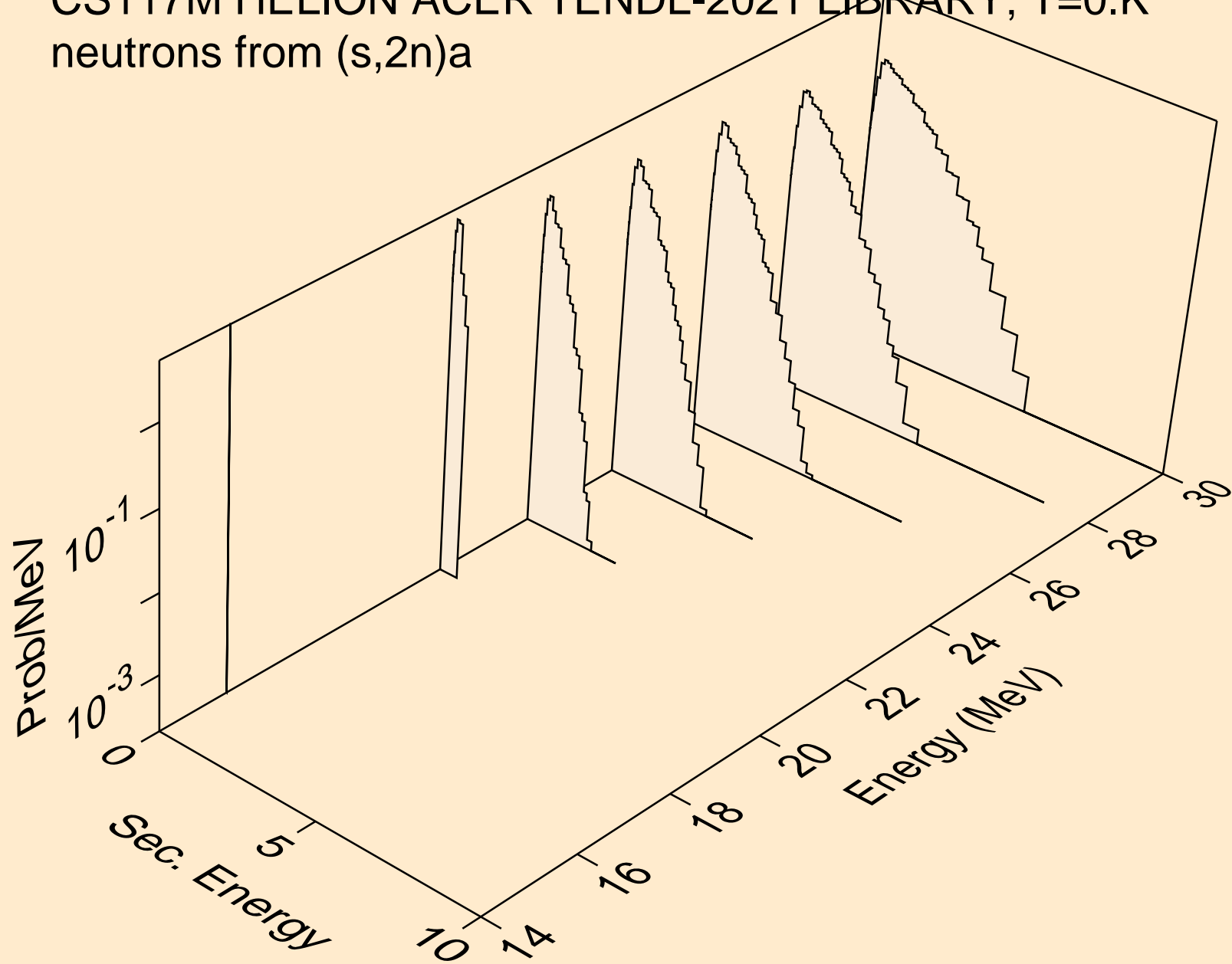
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



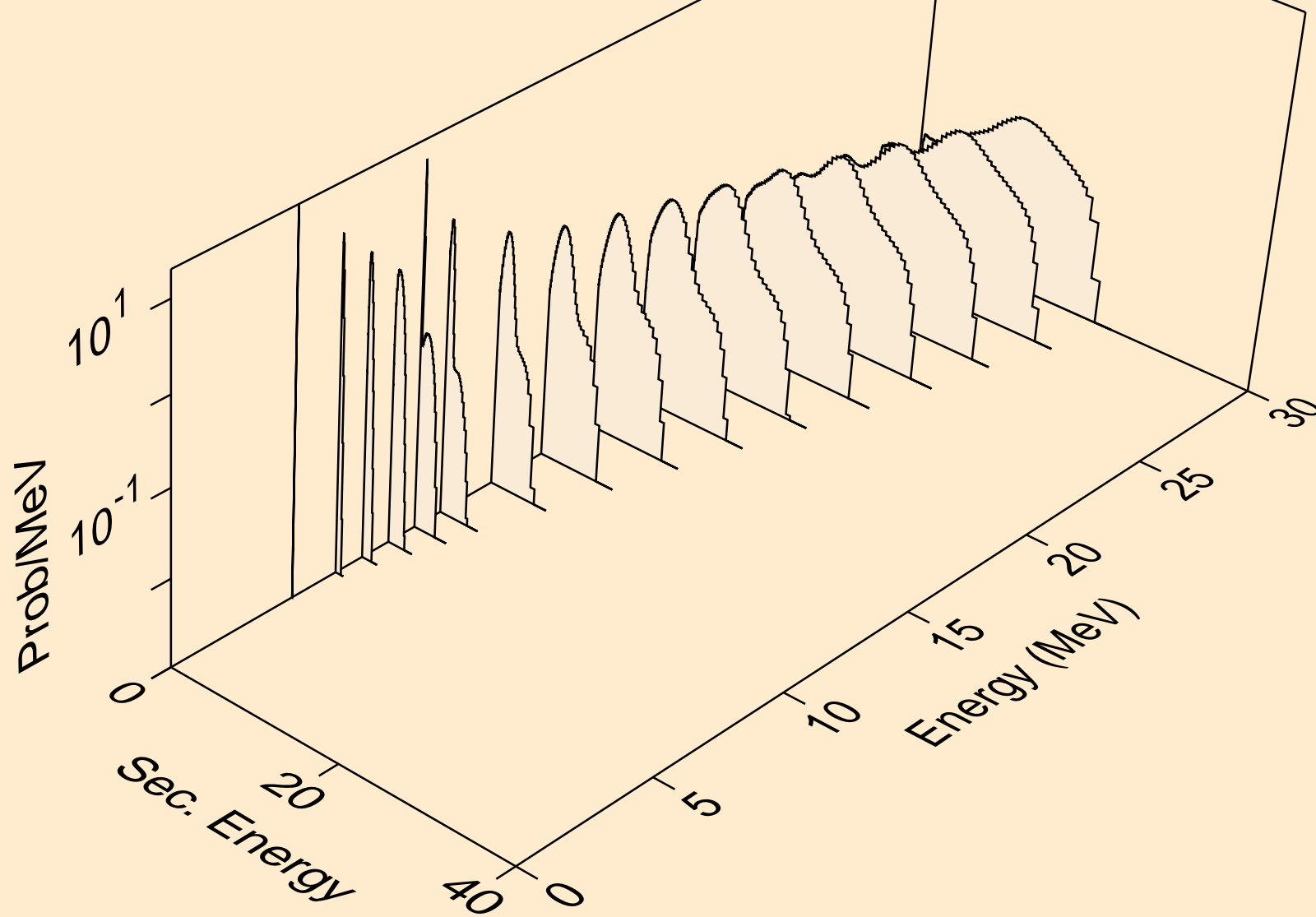
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



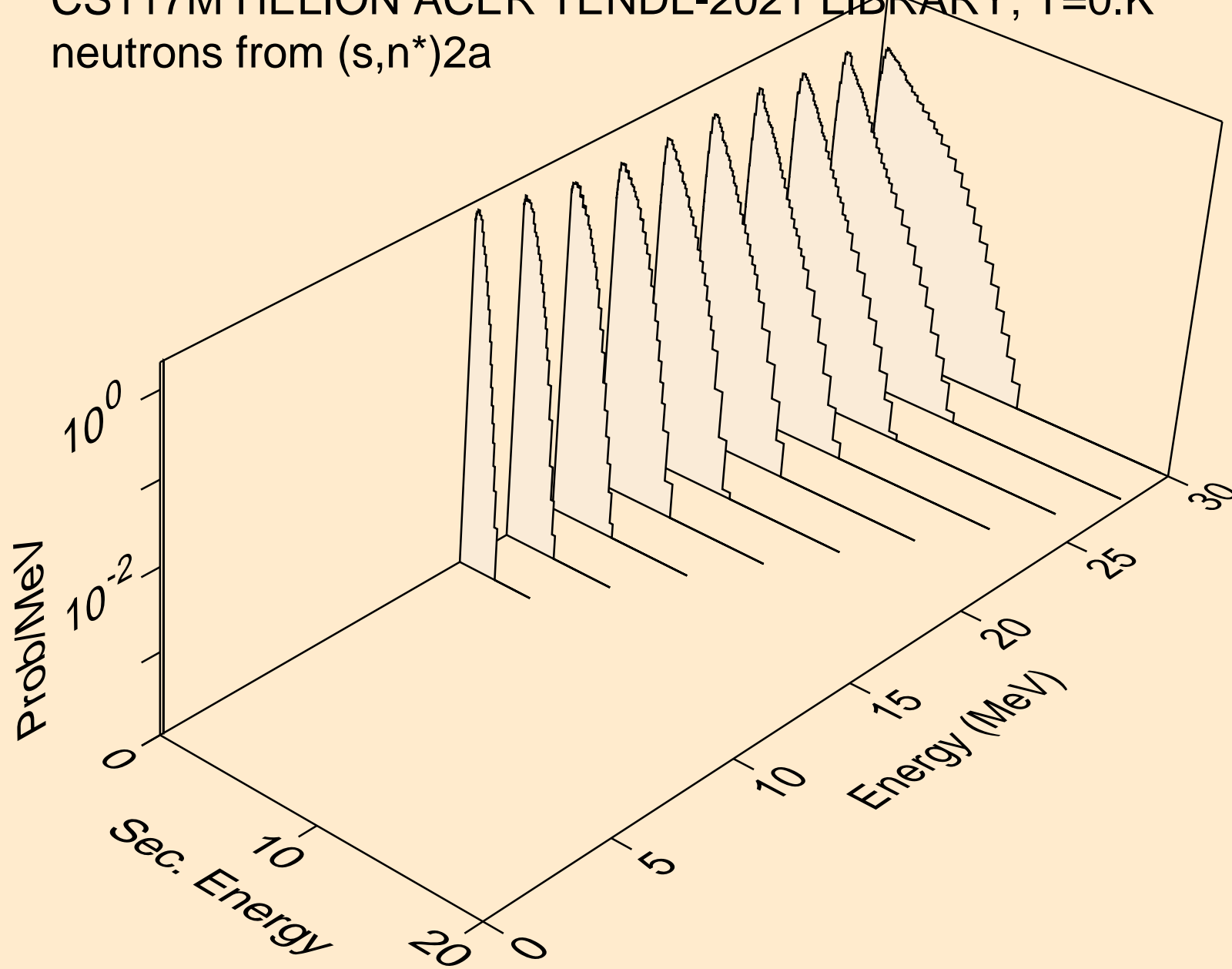
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neutrons from (s,2n)a



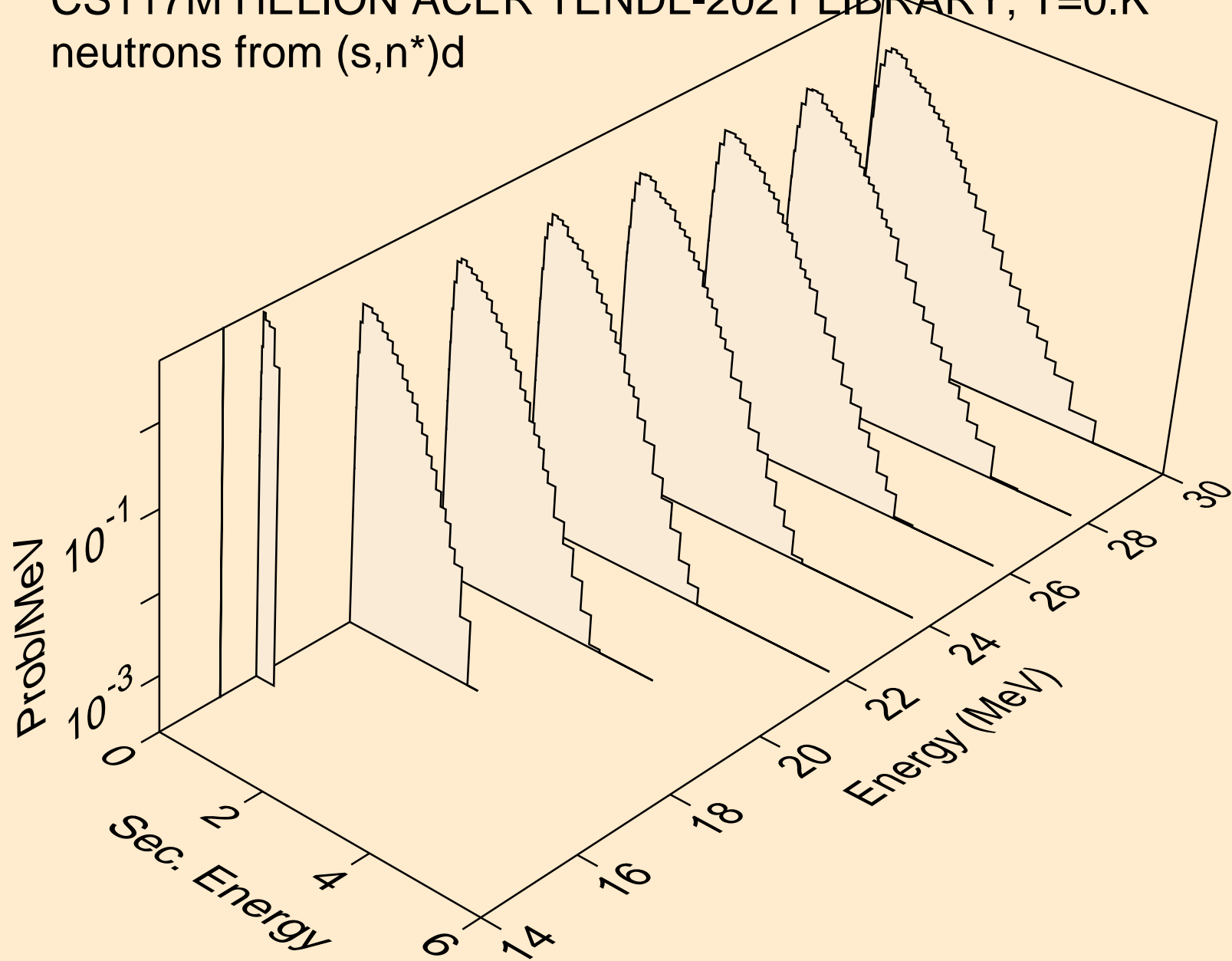
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



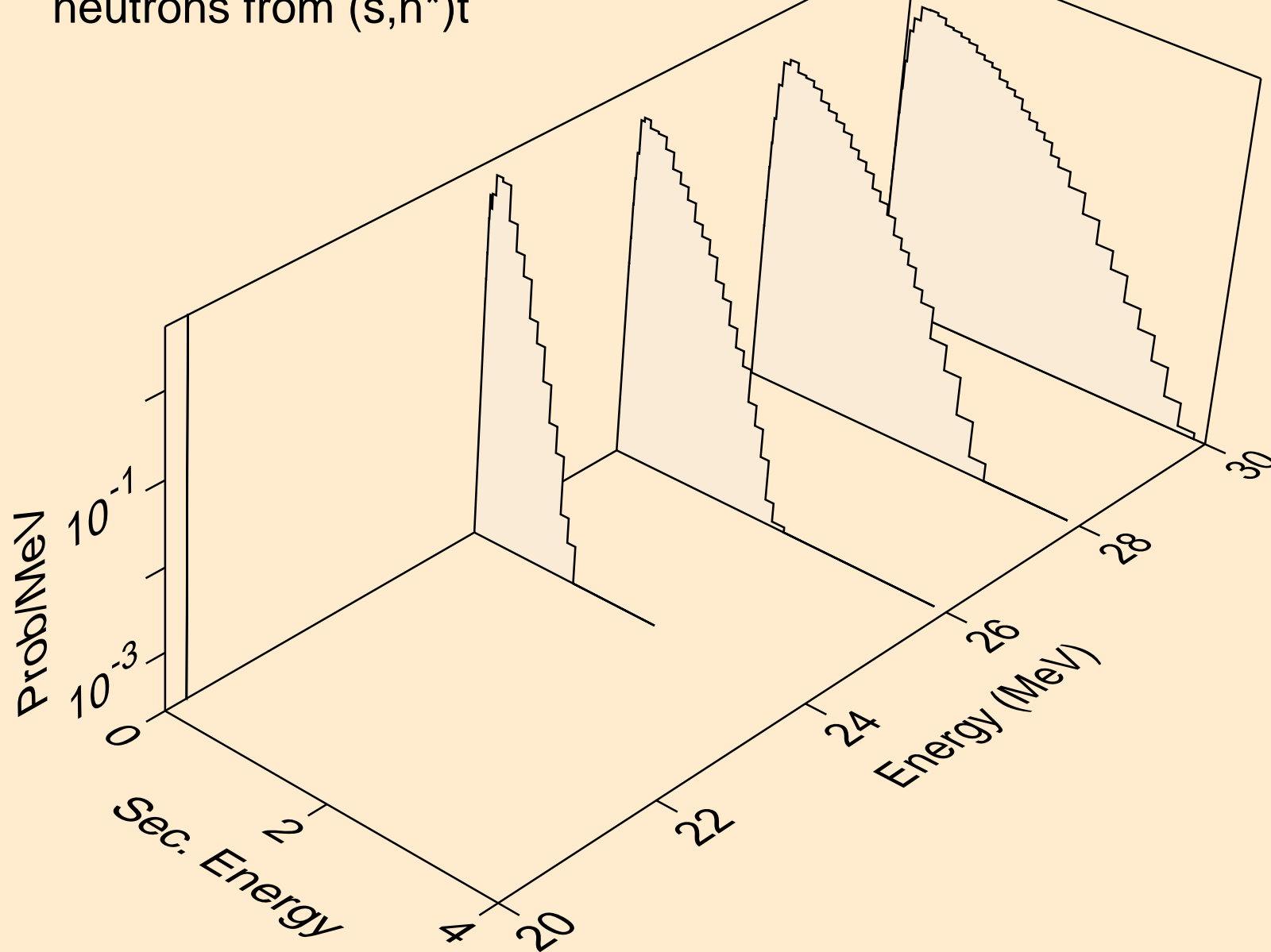
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d

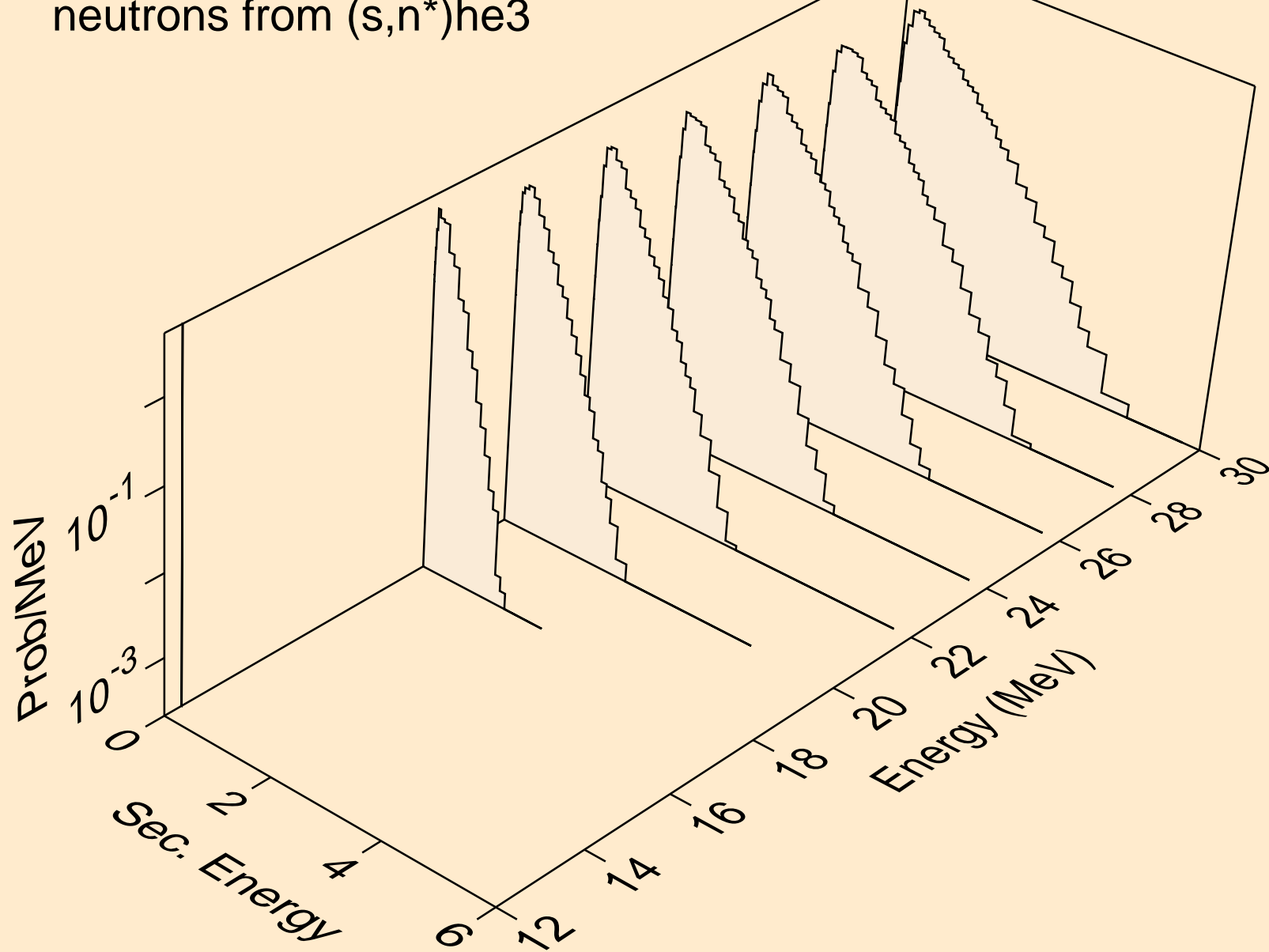


CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t

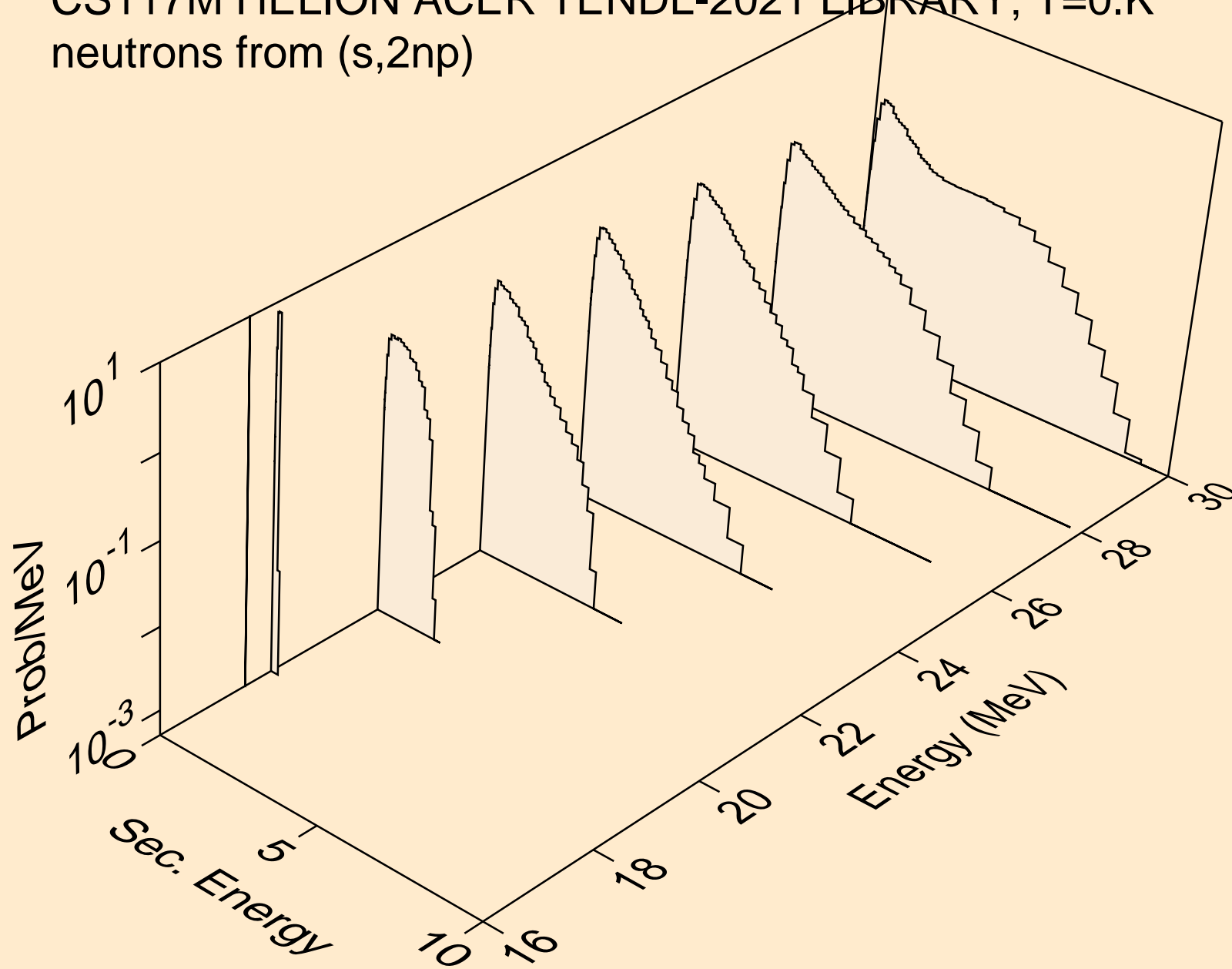




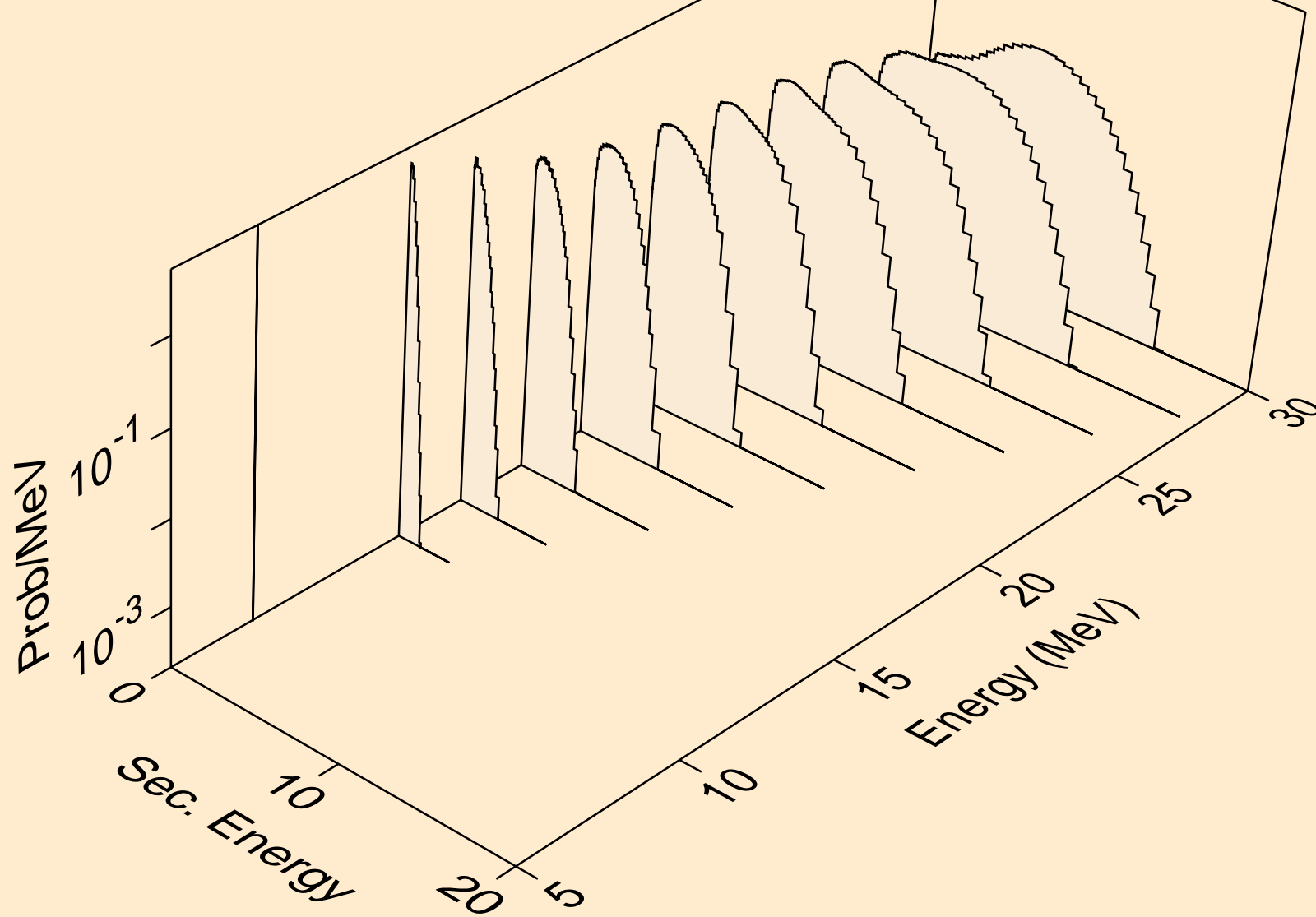
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



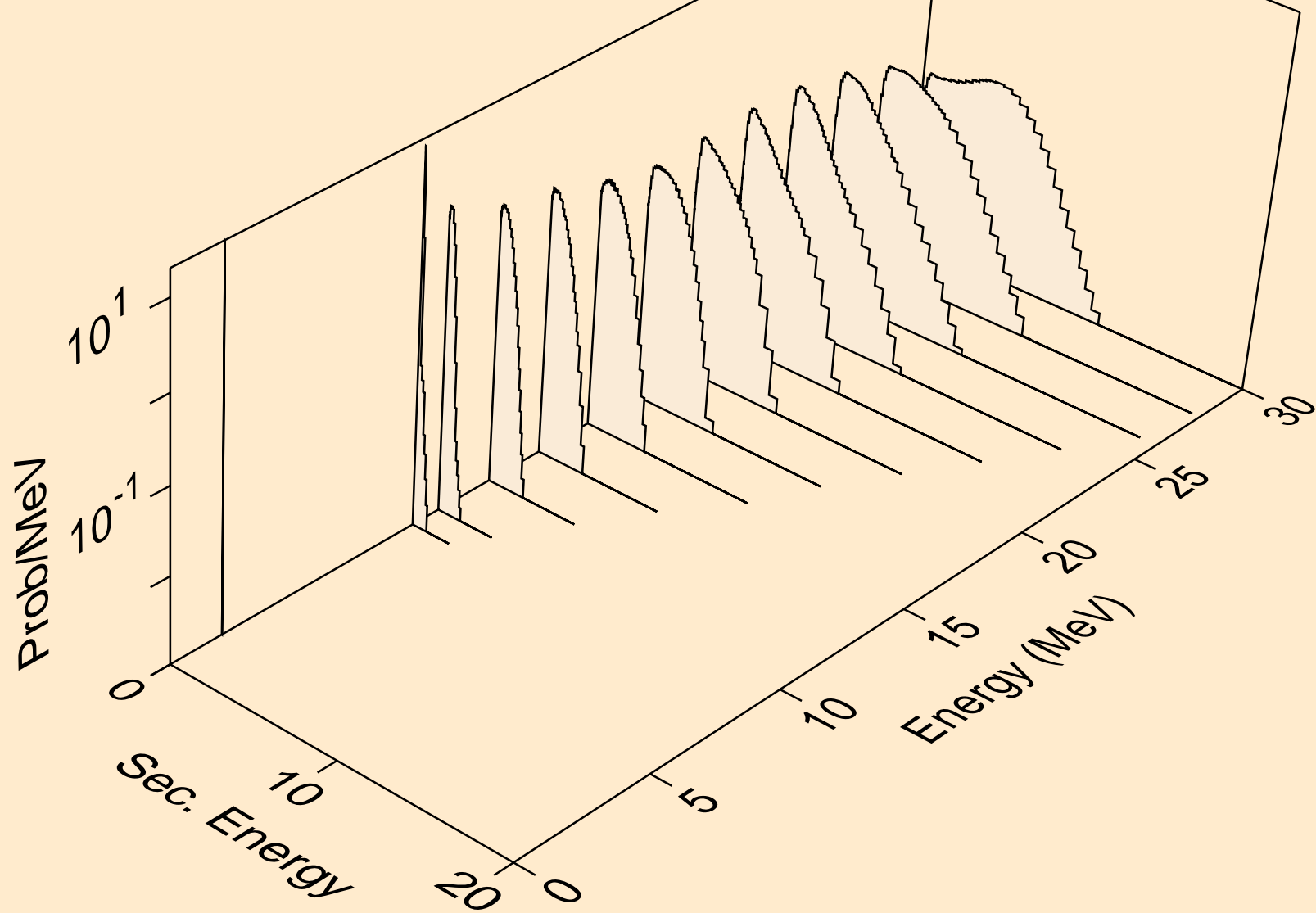
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



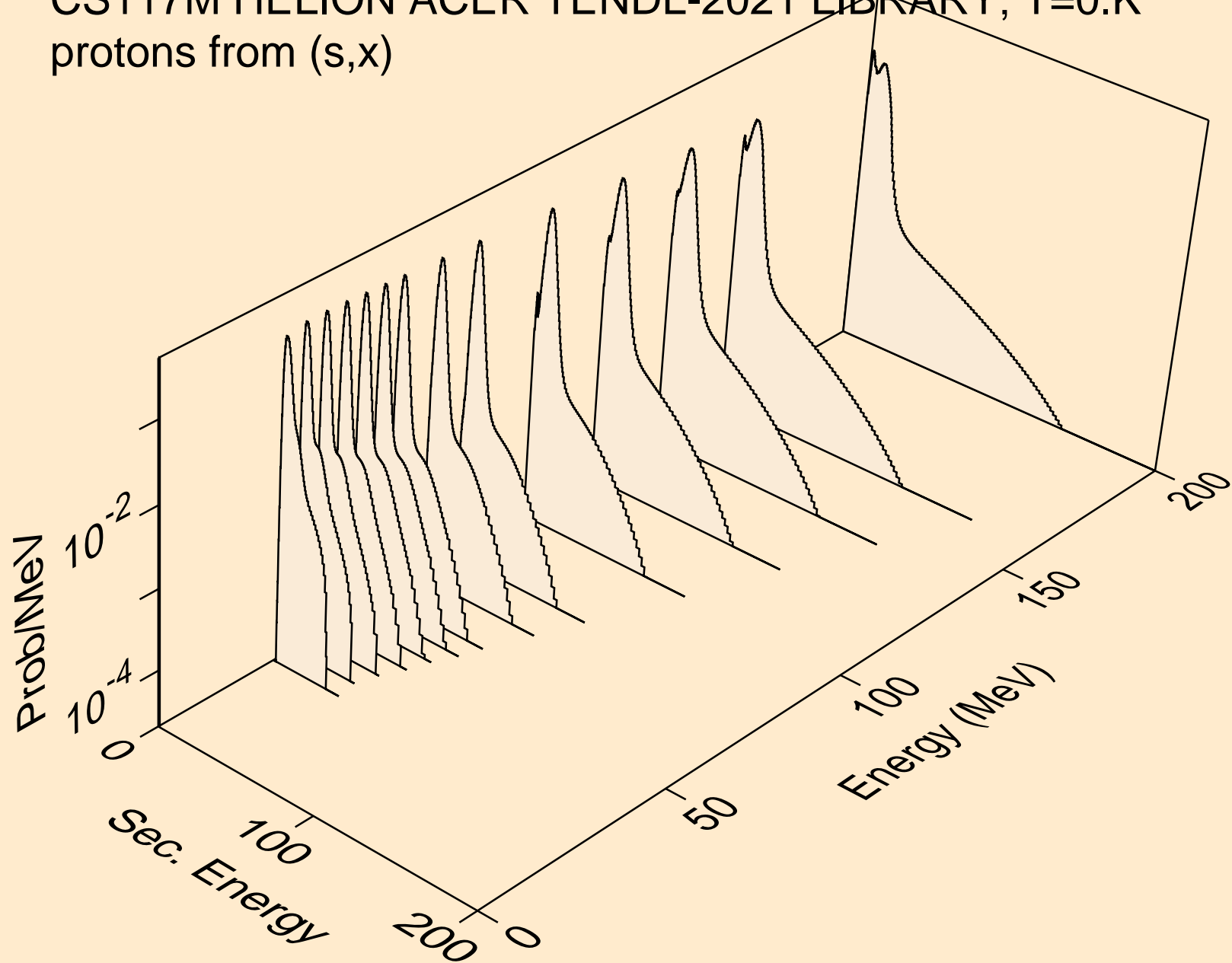
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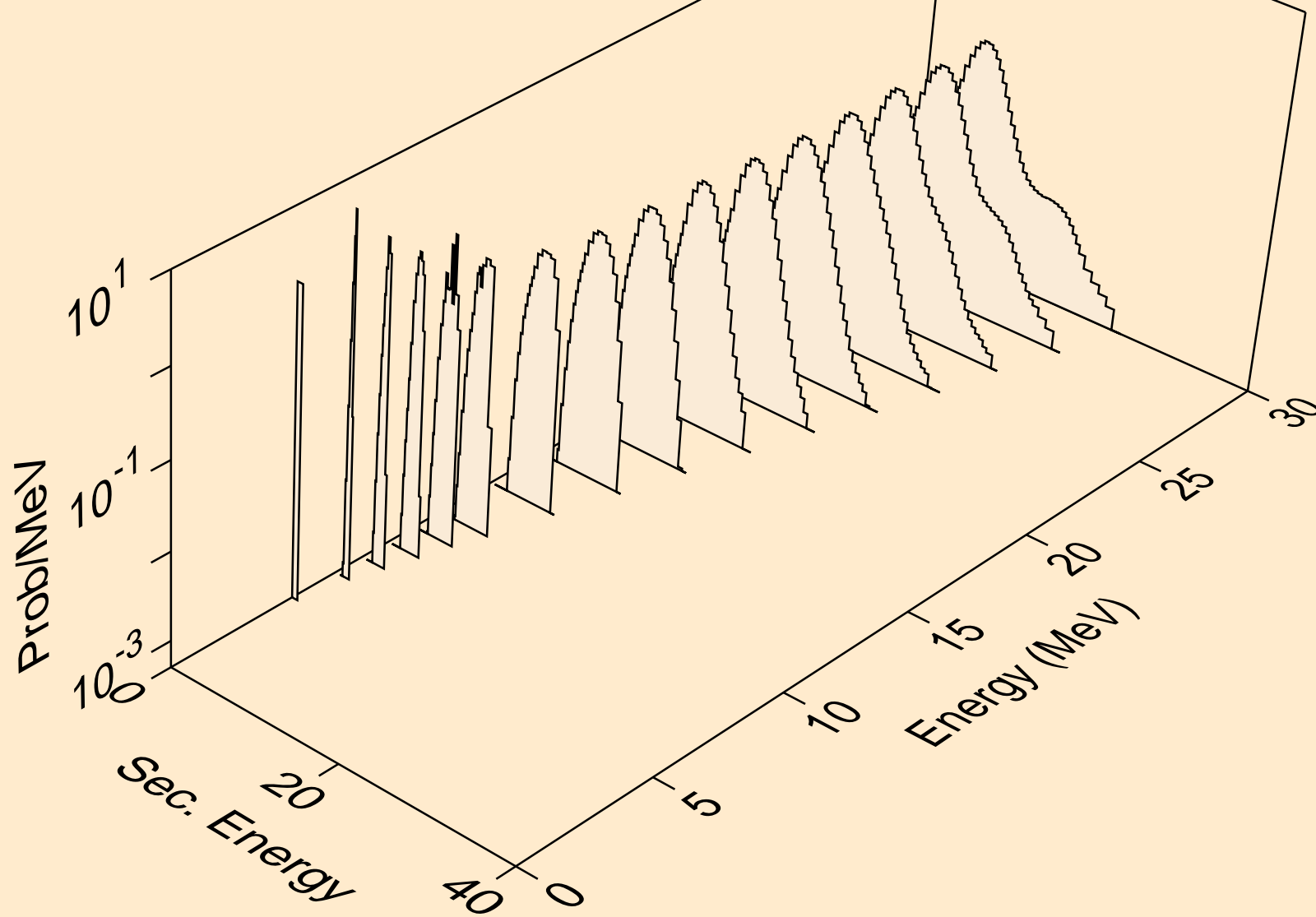
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neutrons from (s,npa)



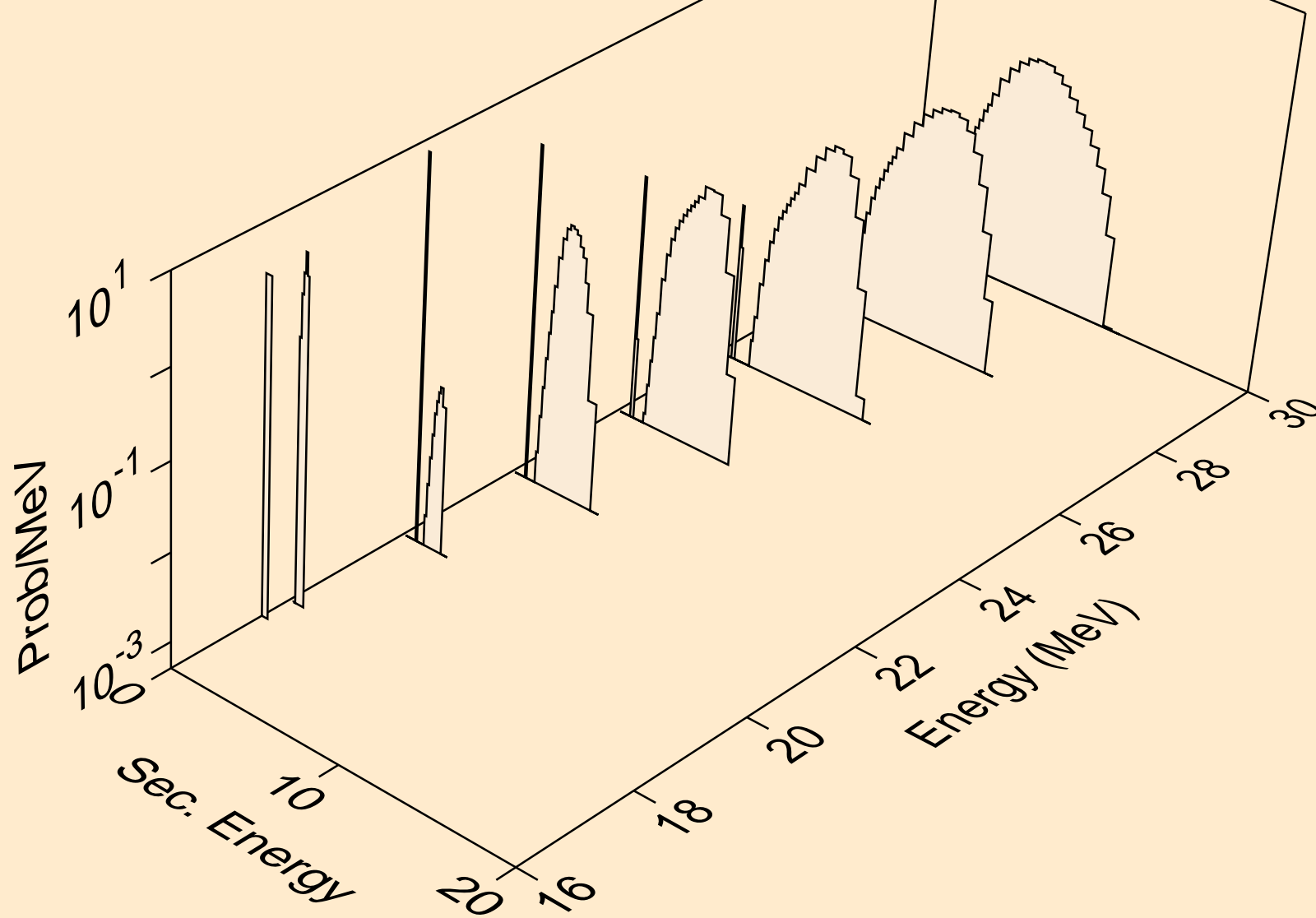
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



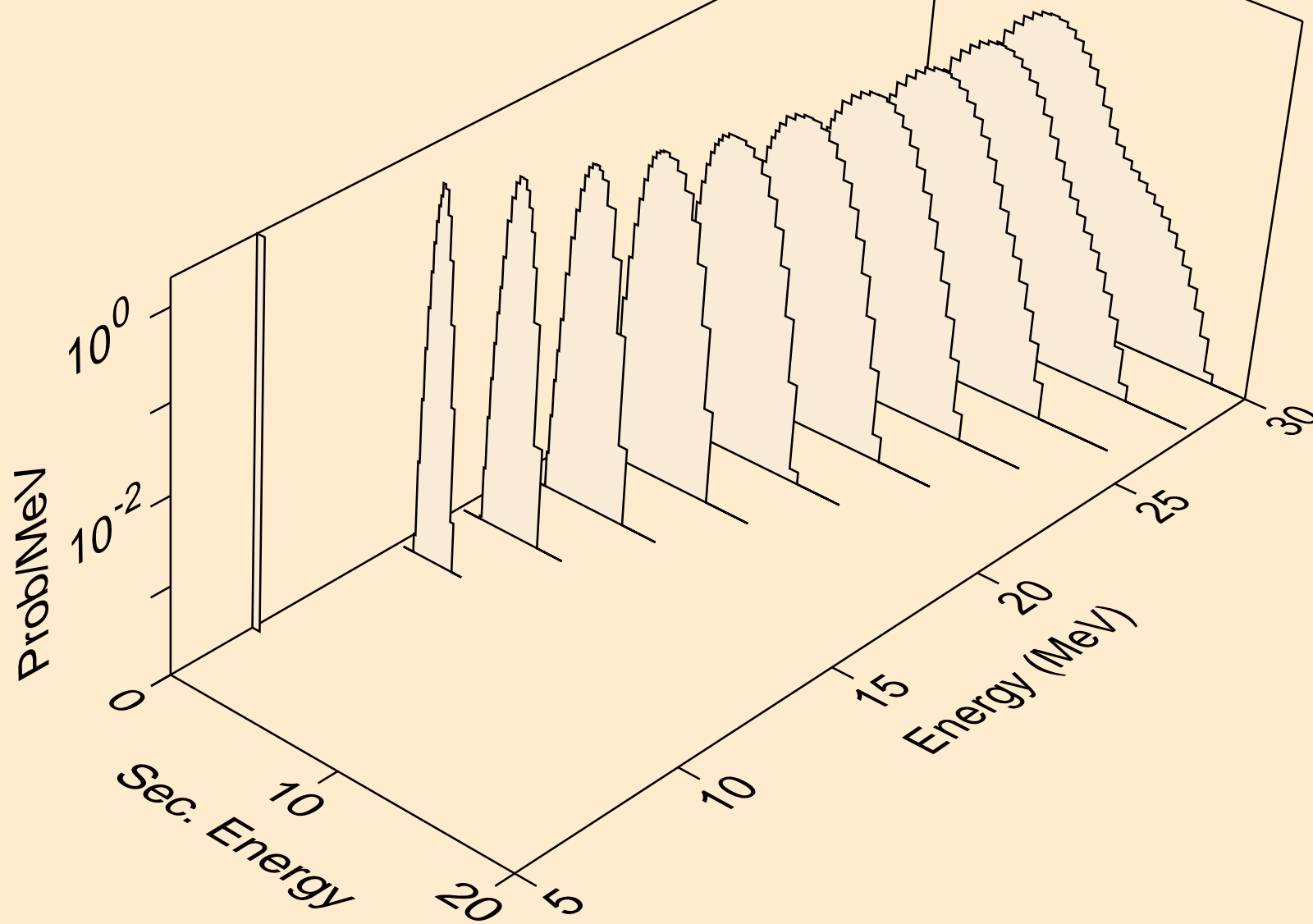
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

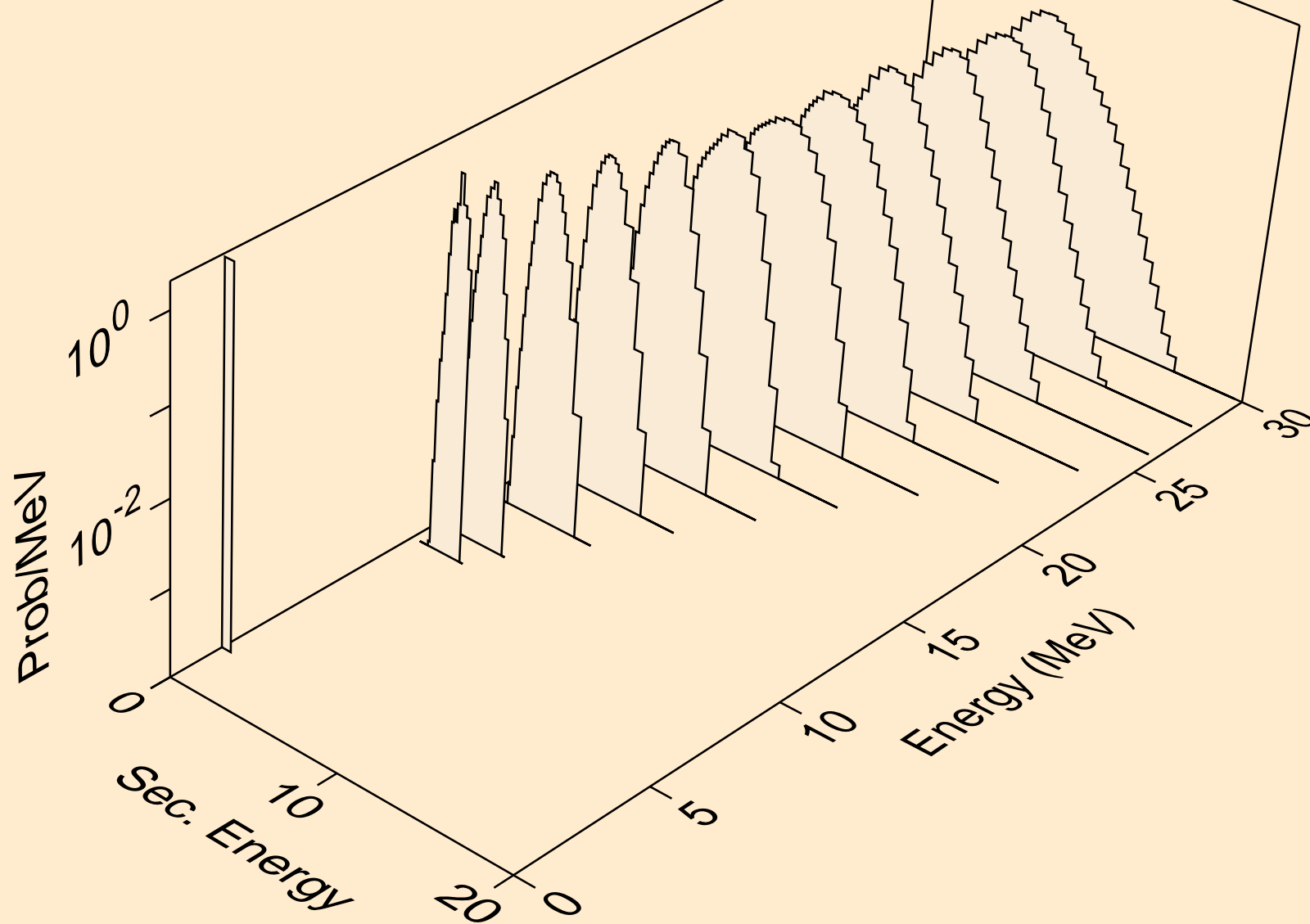


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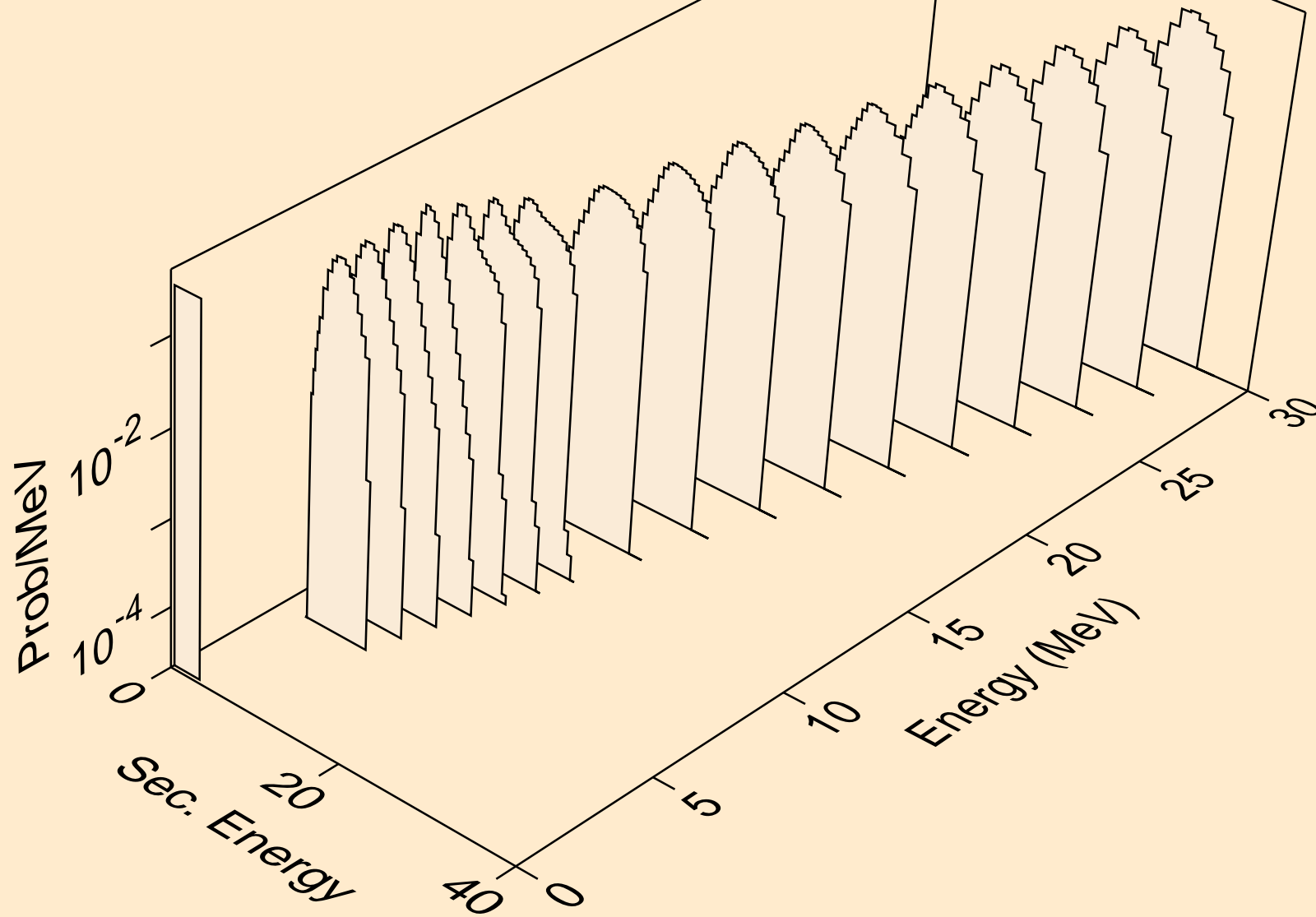




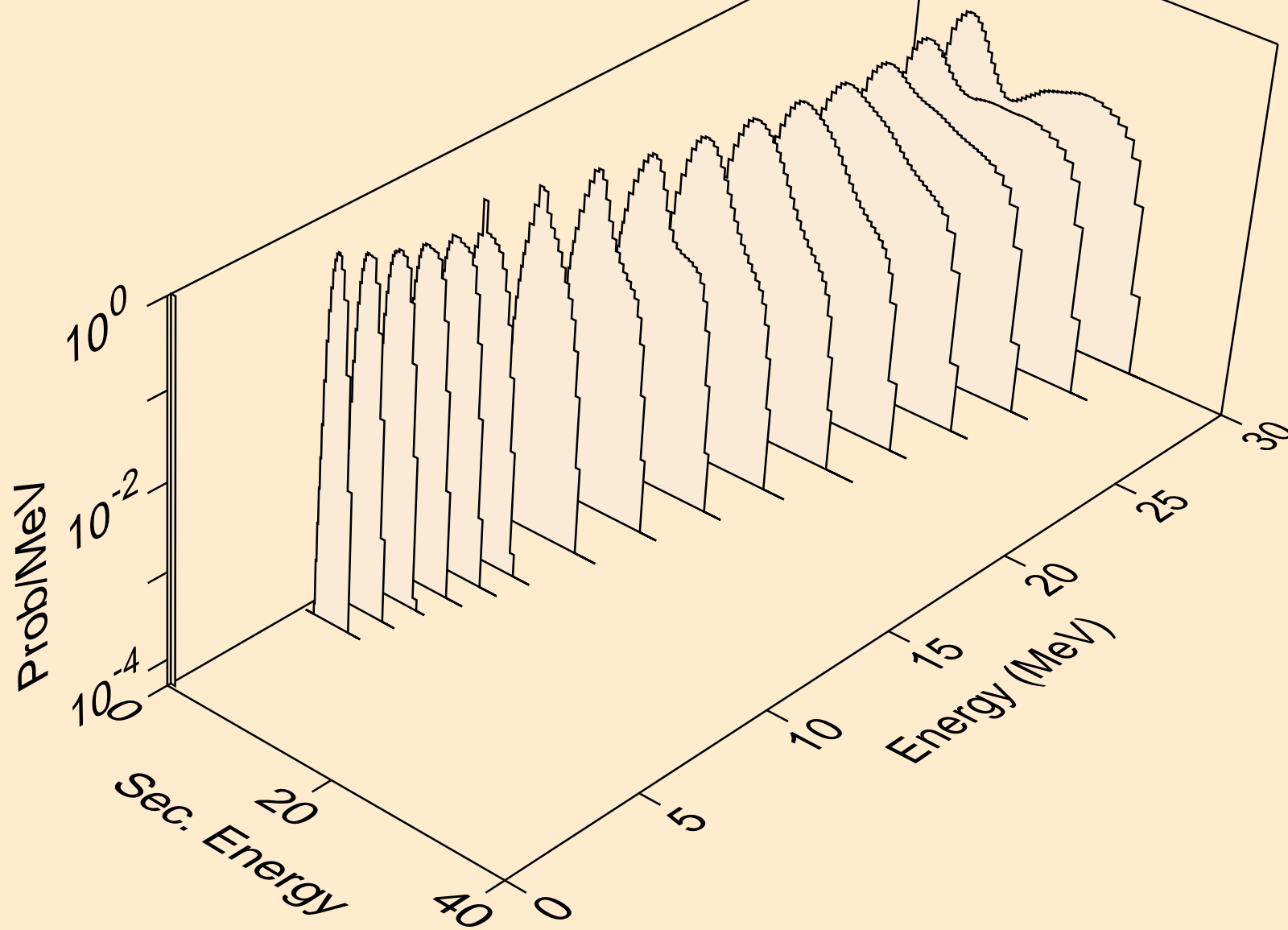
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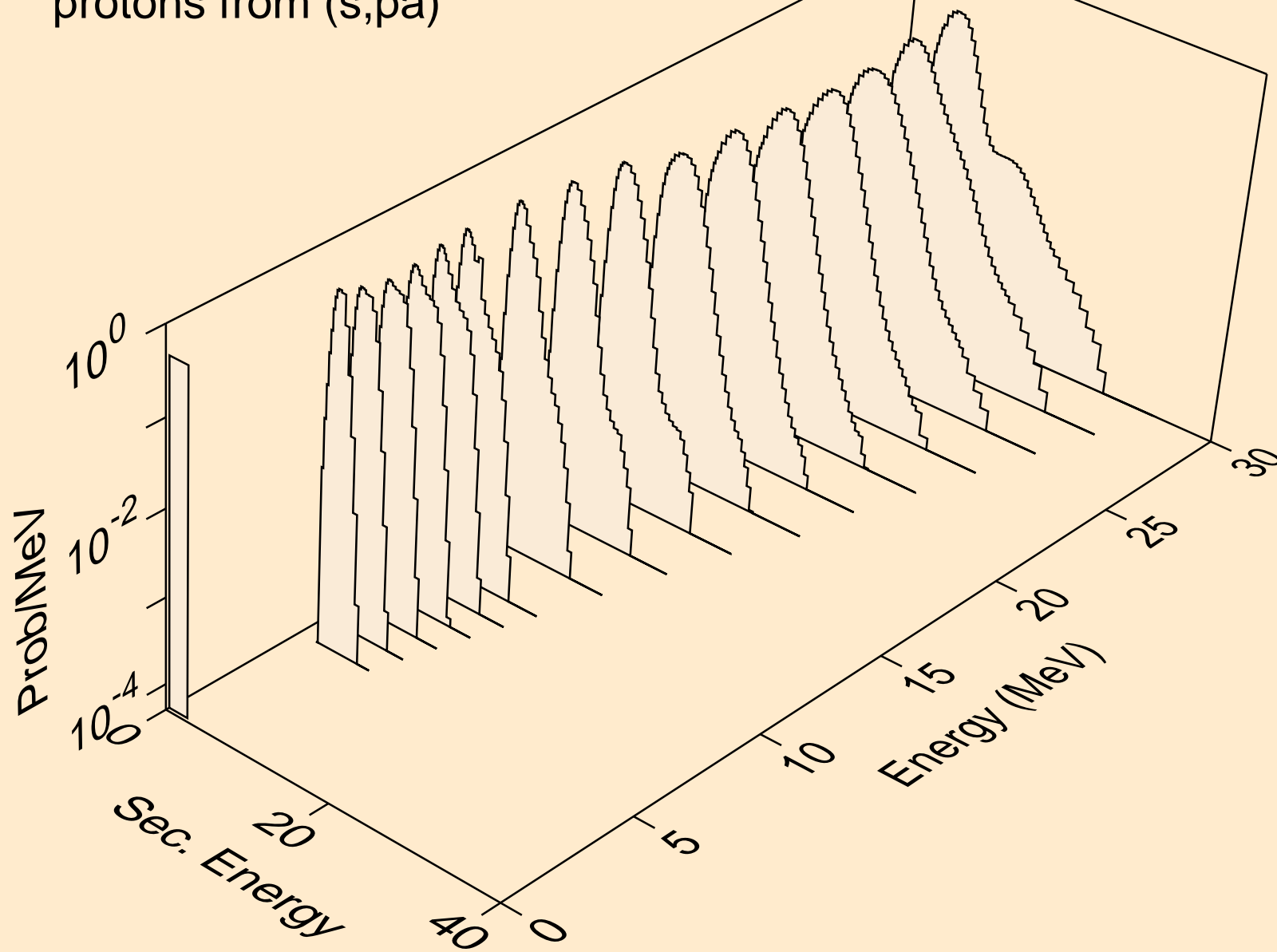
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protons from (s,p)



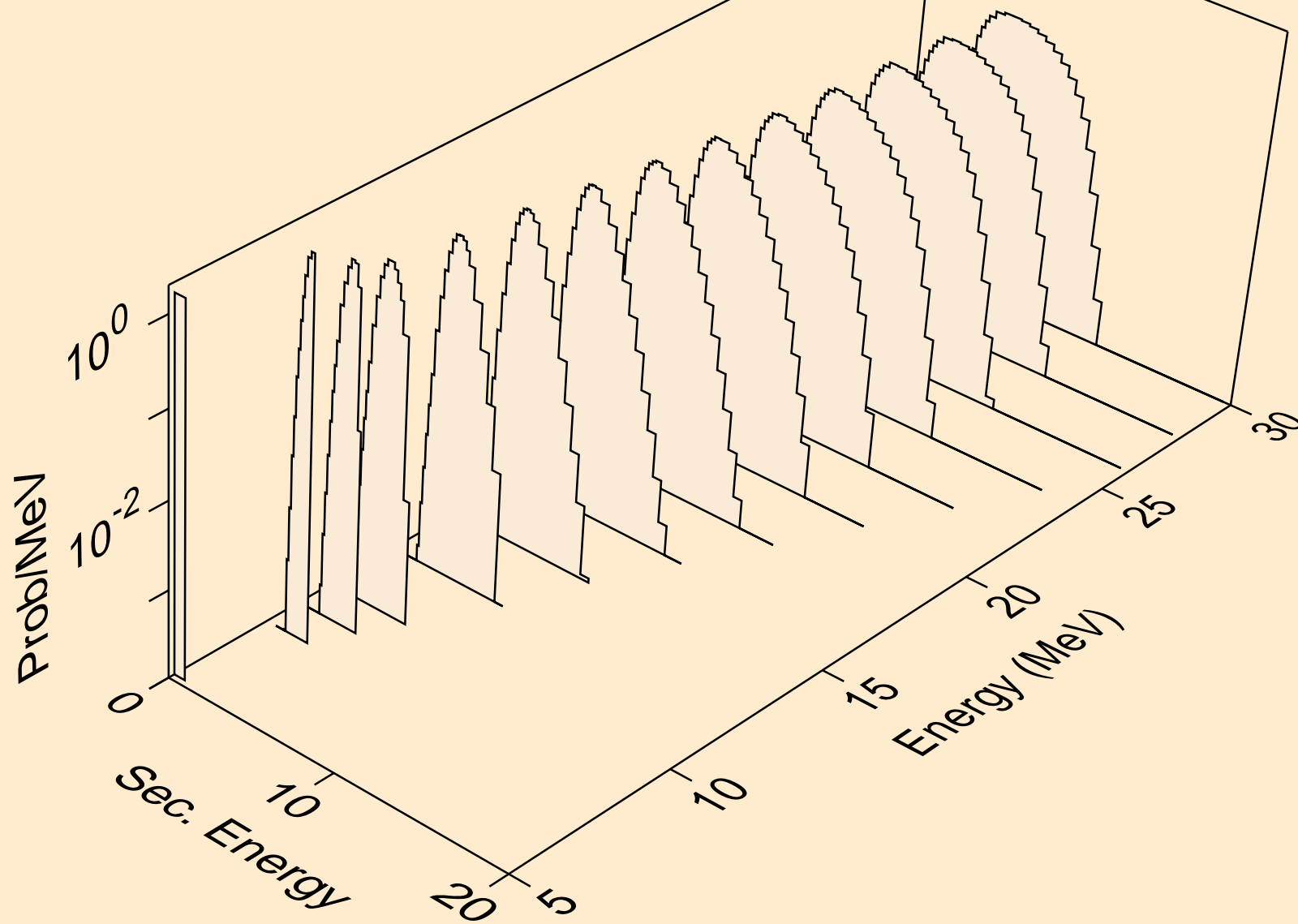
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



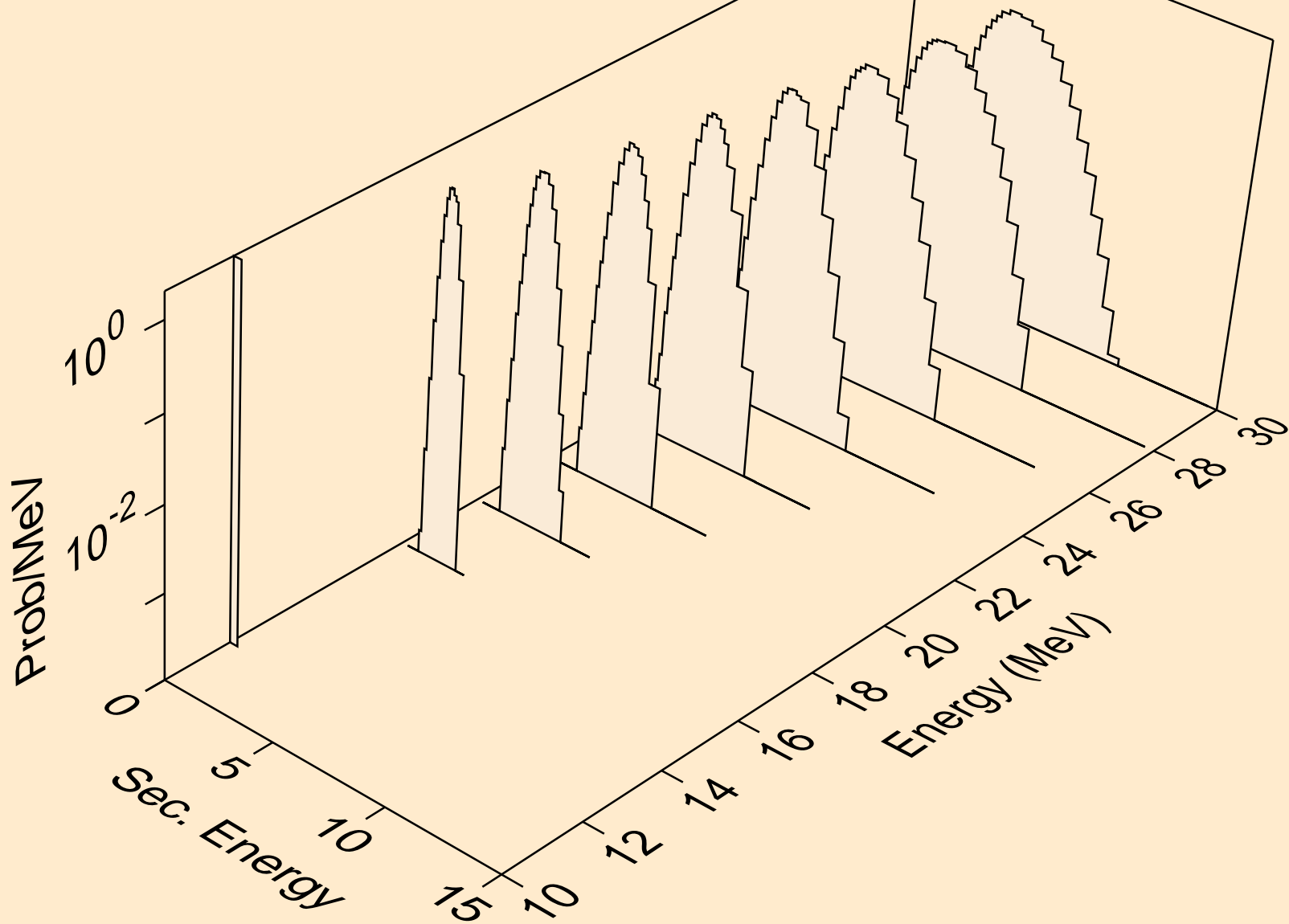
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protons from (s,pa)



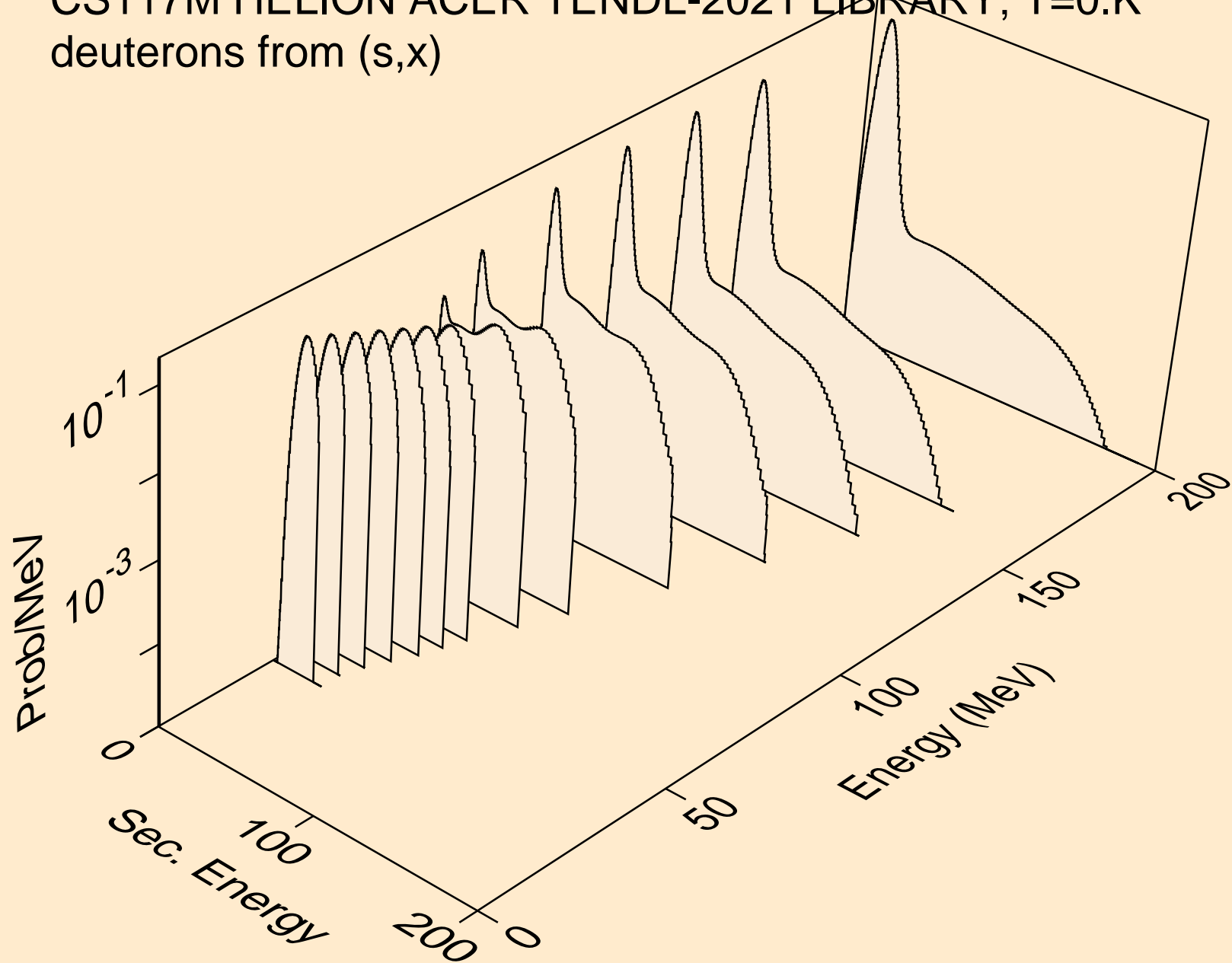
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protons from (s,pd)



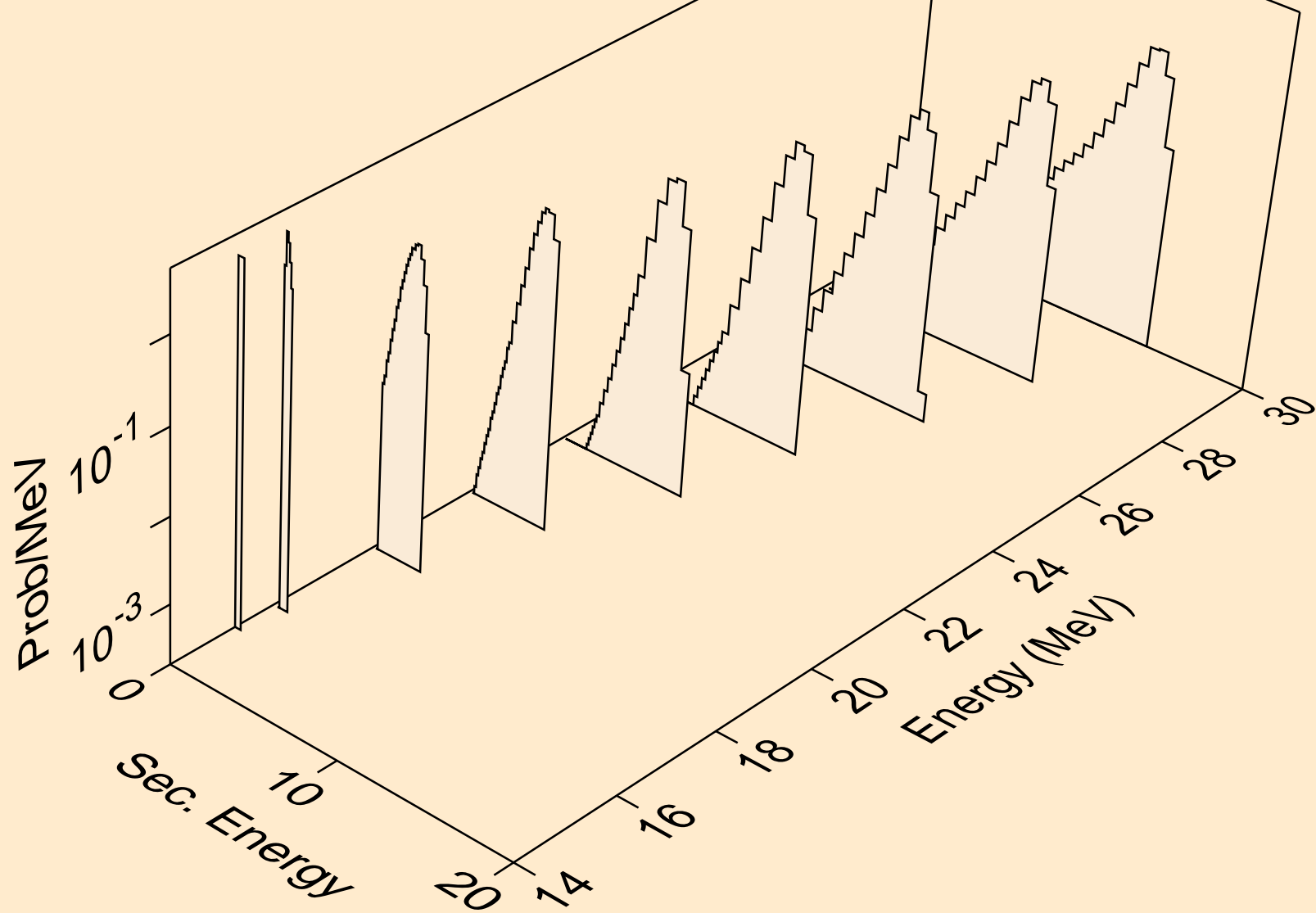
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)

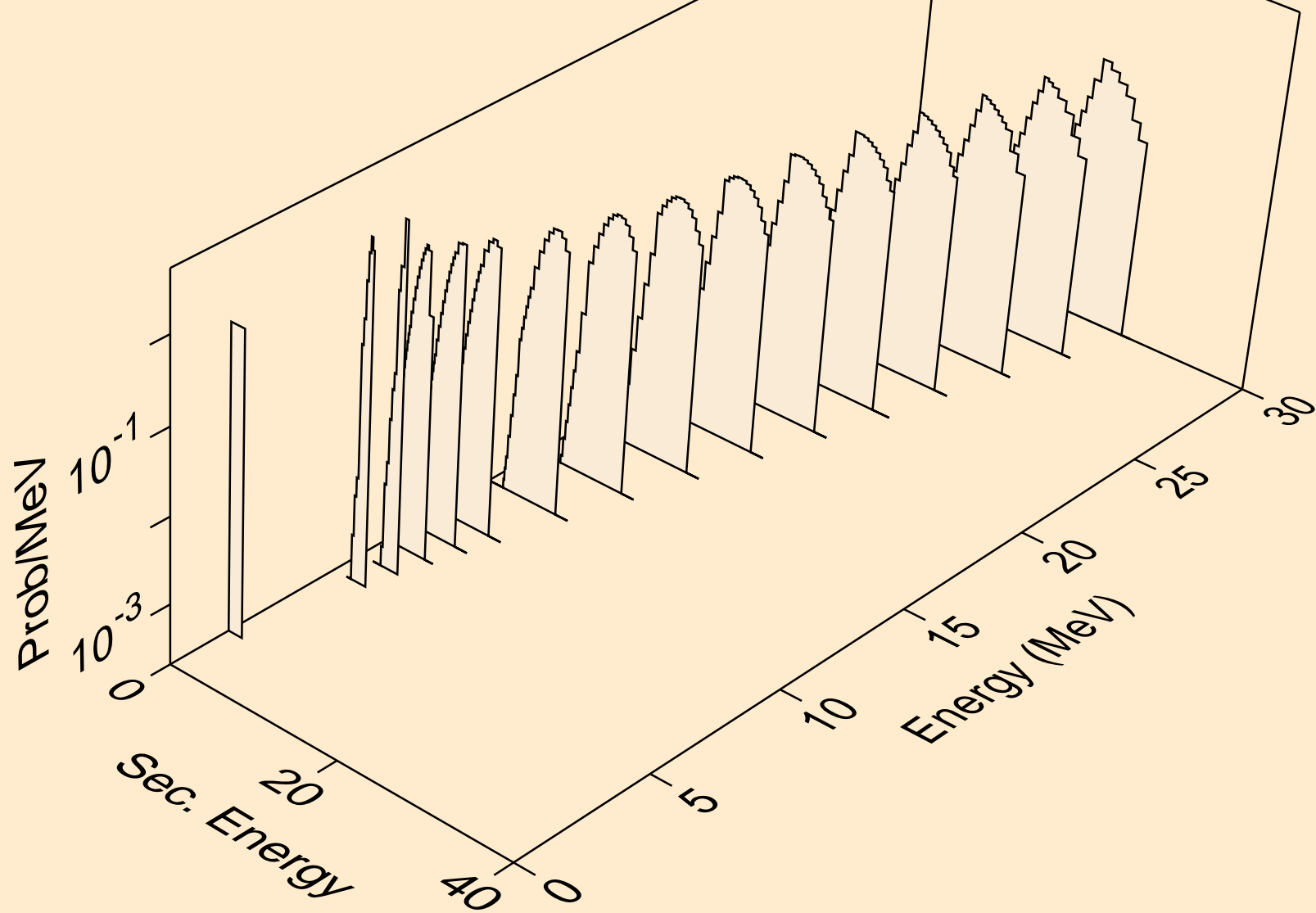


CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d

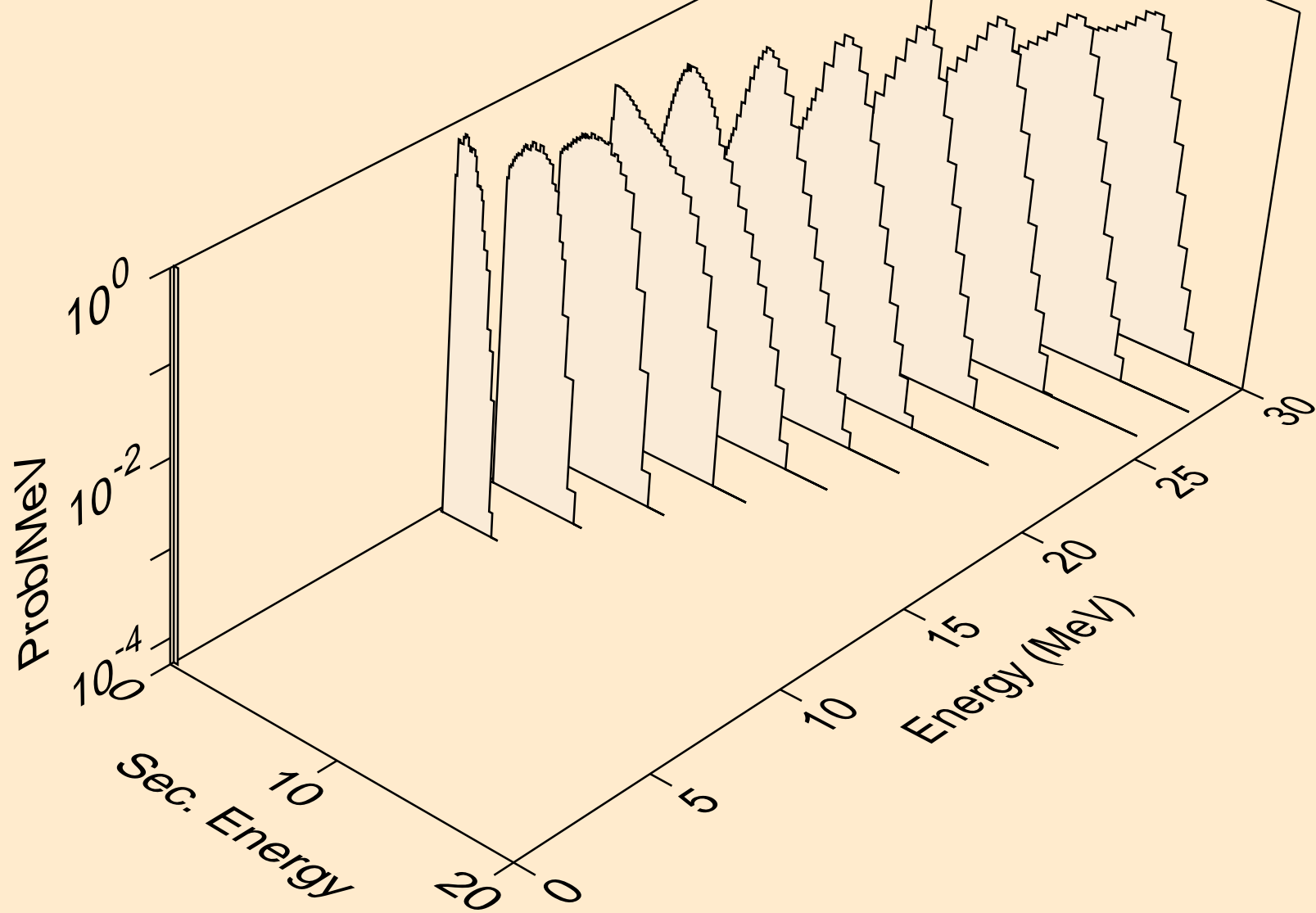




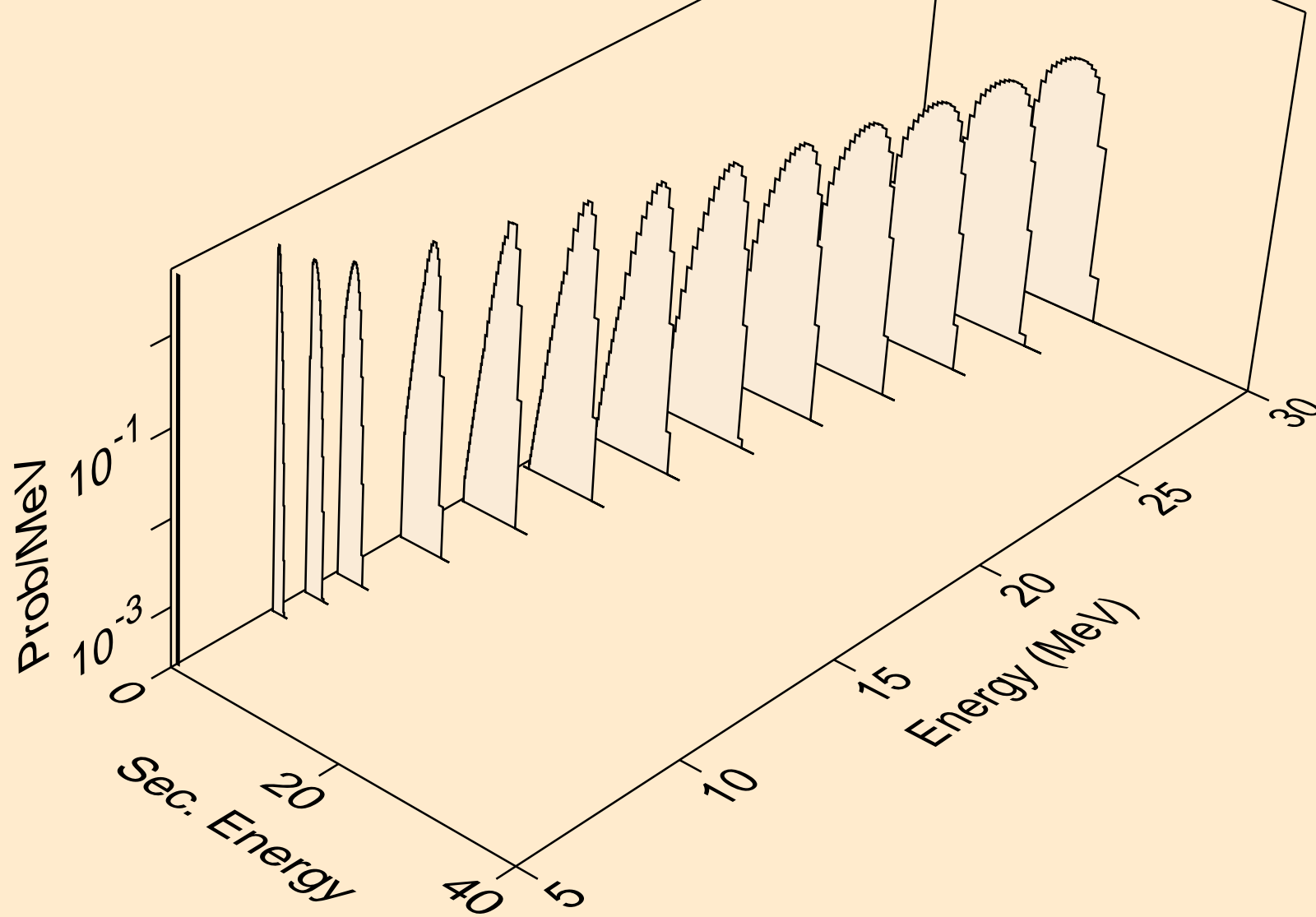
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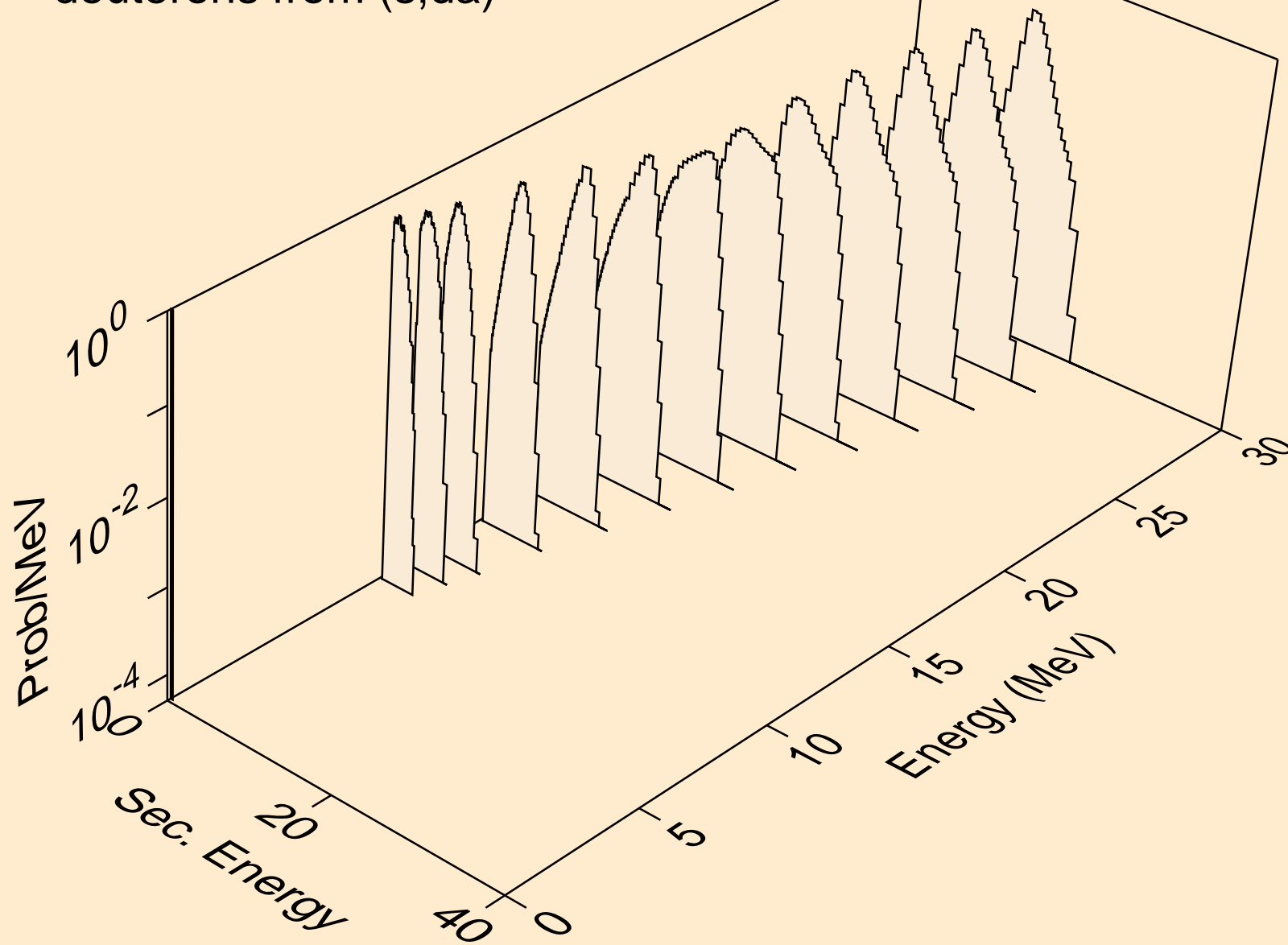
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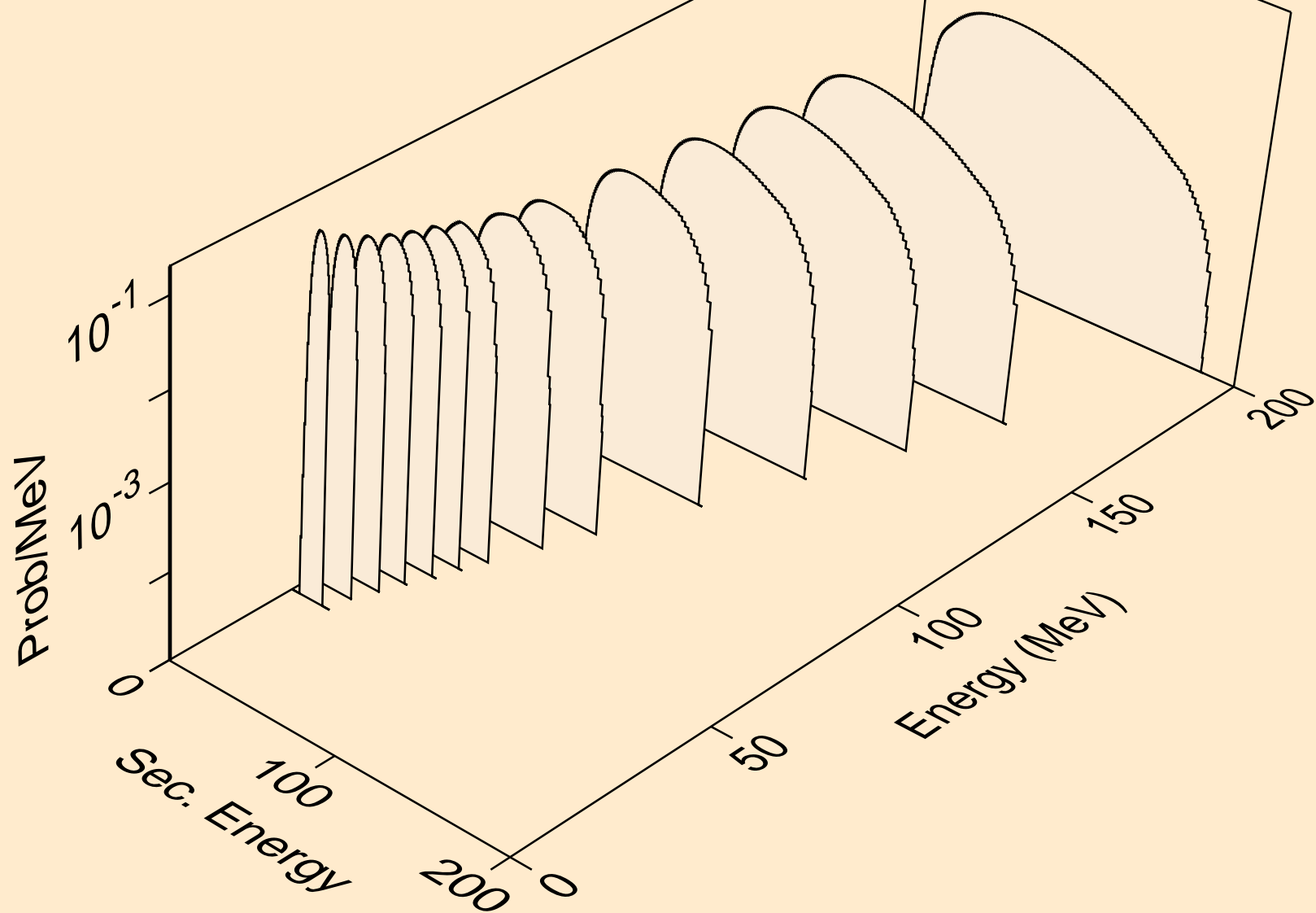
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deuterons from (s,pd)



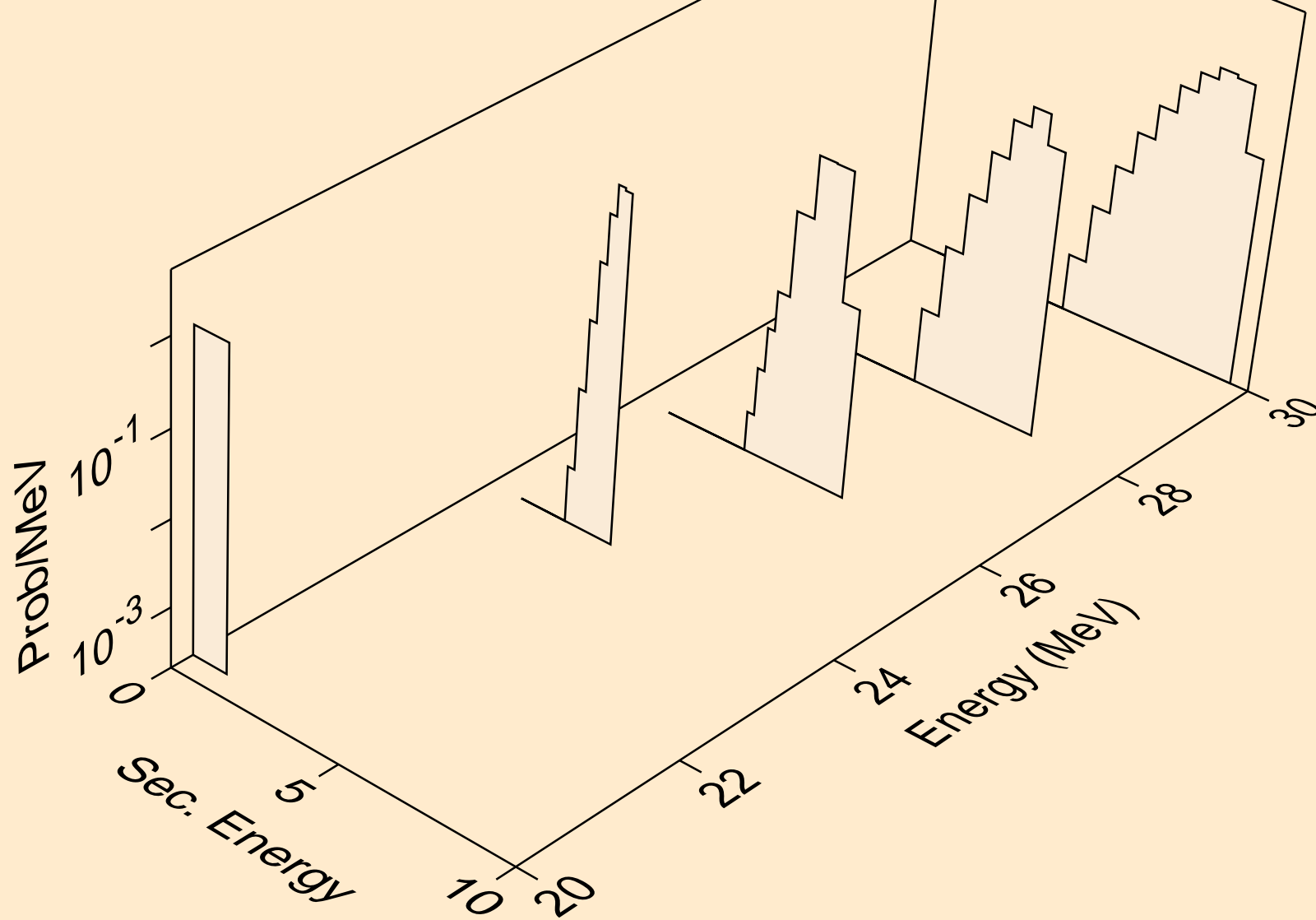
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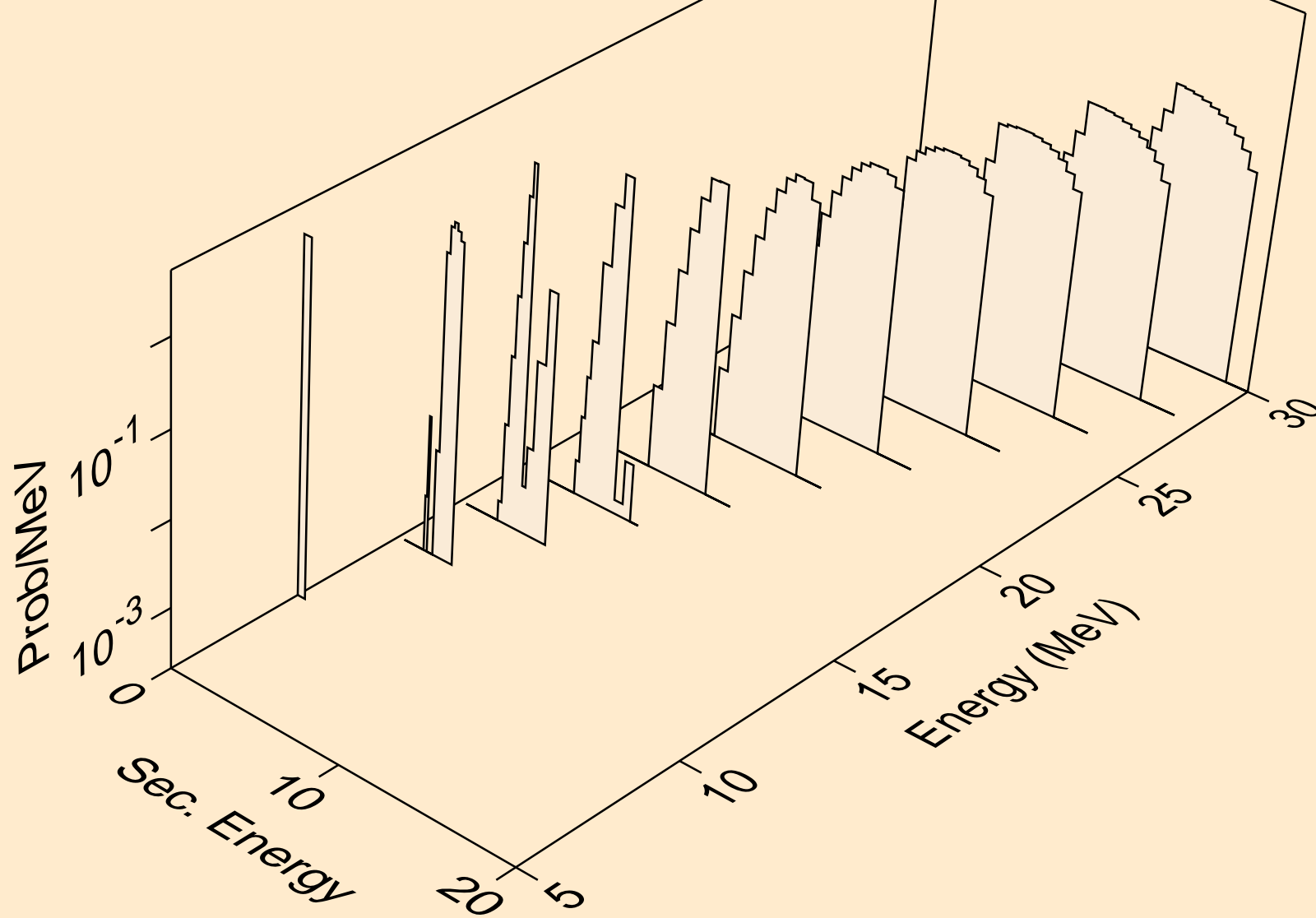
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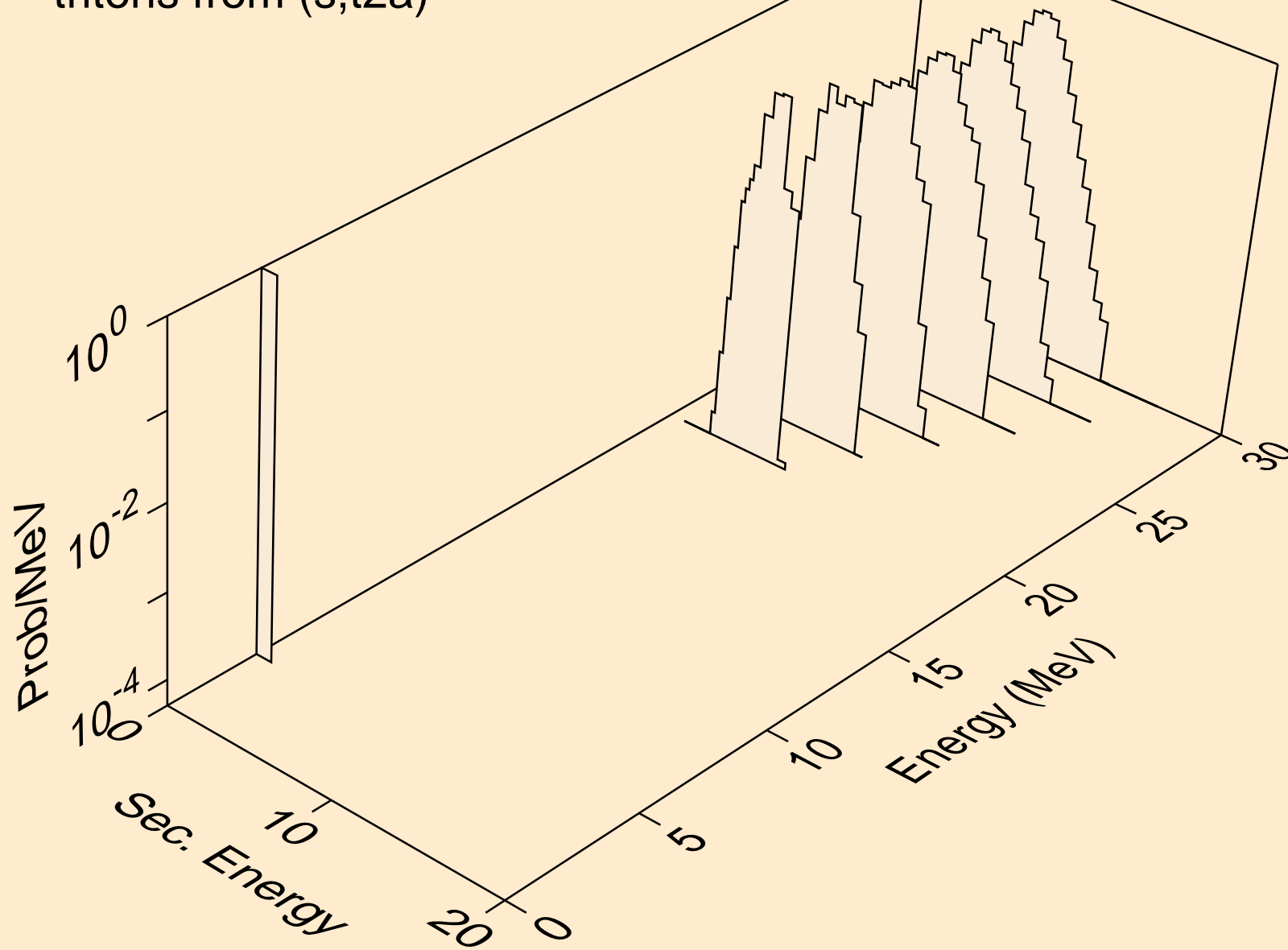
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

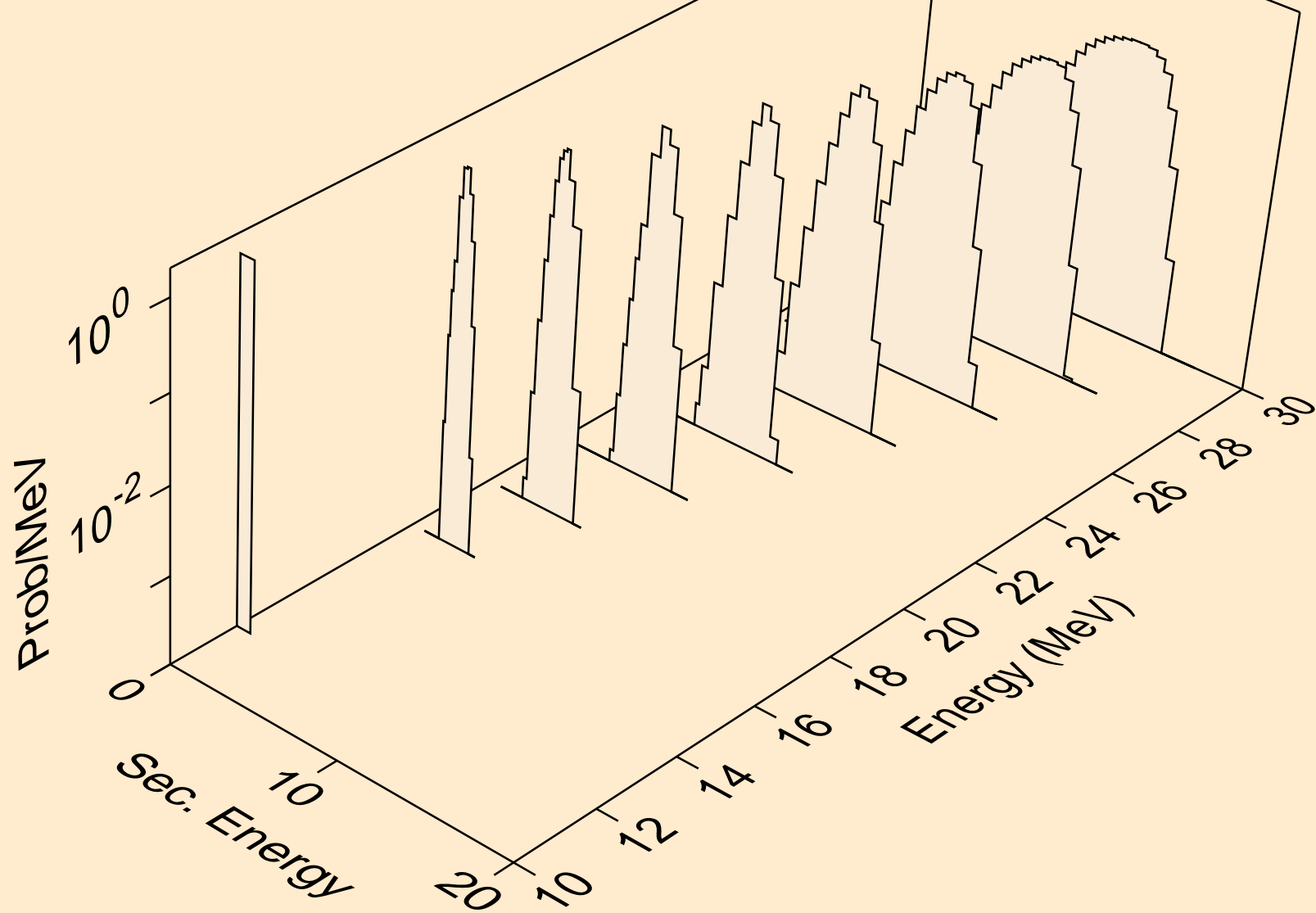


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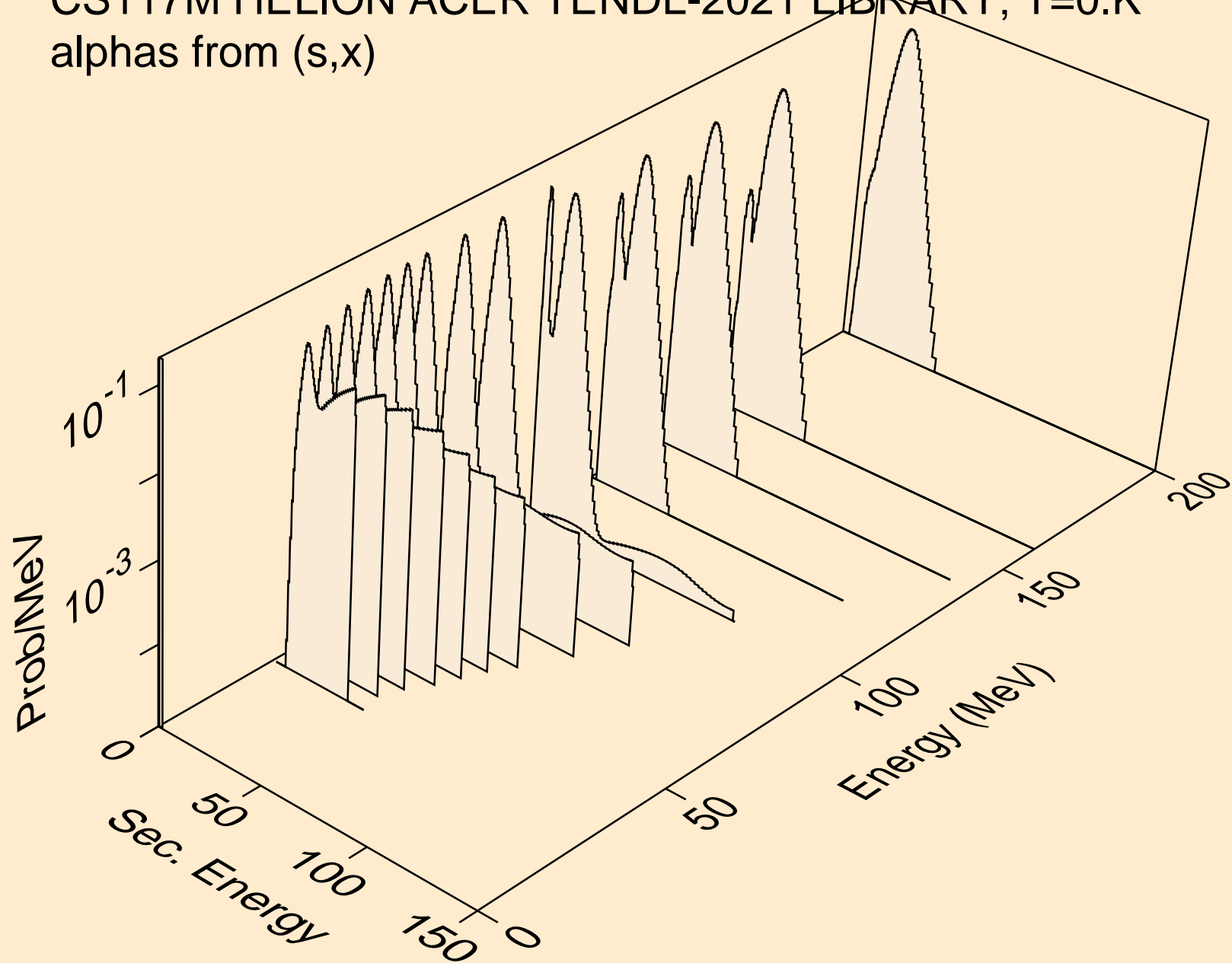




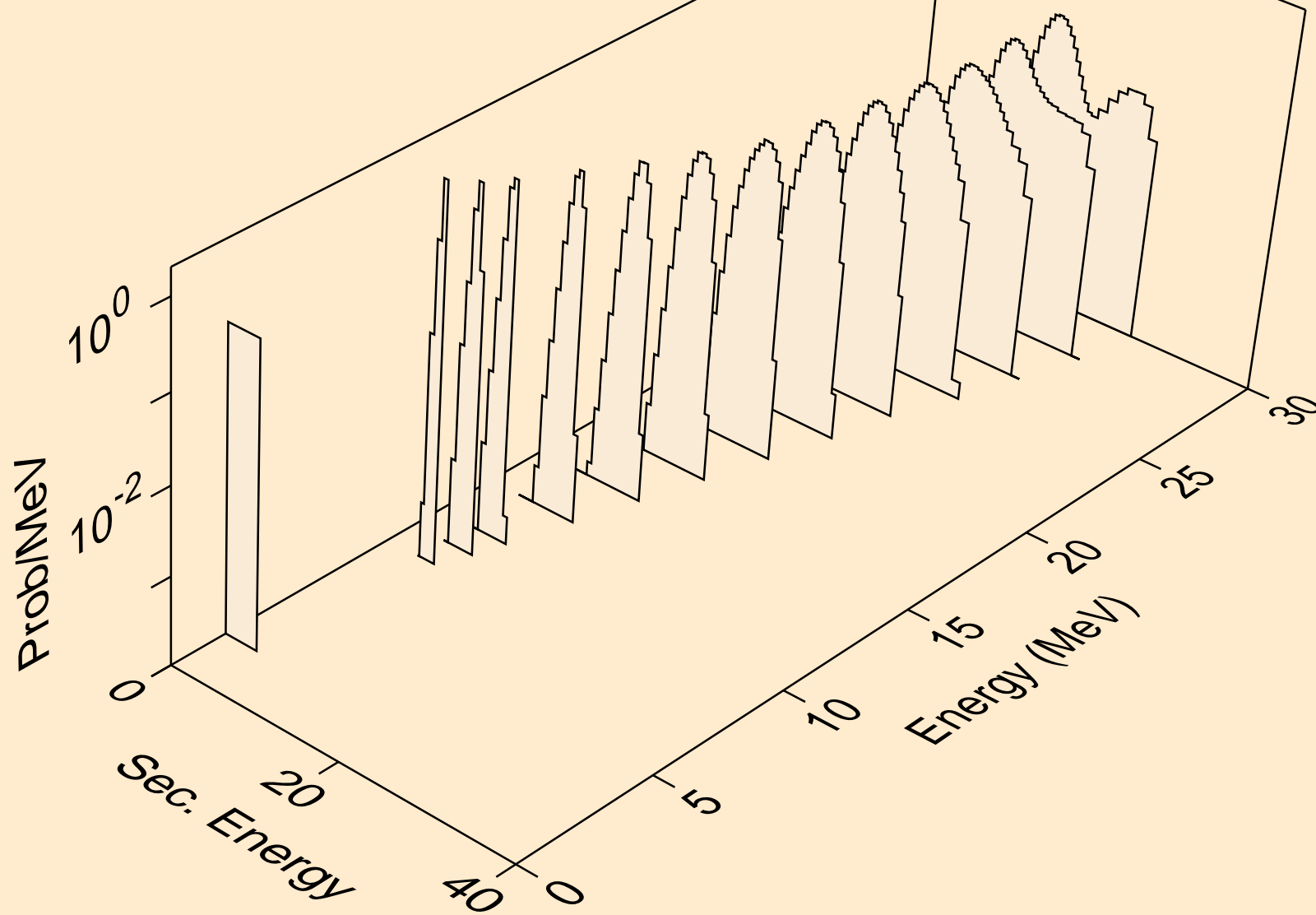
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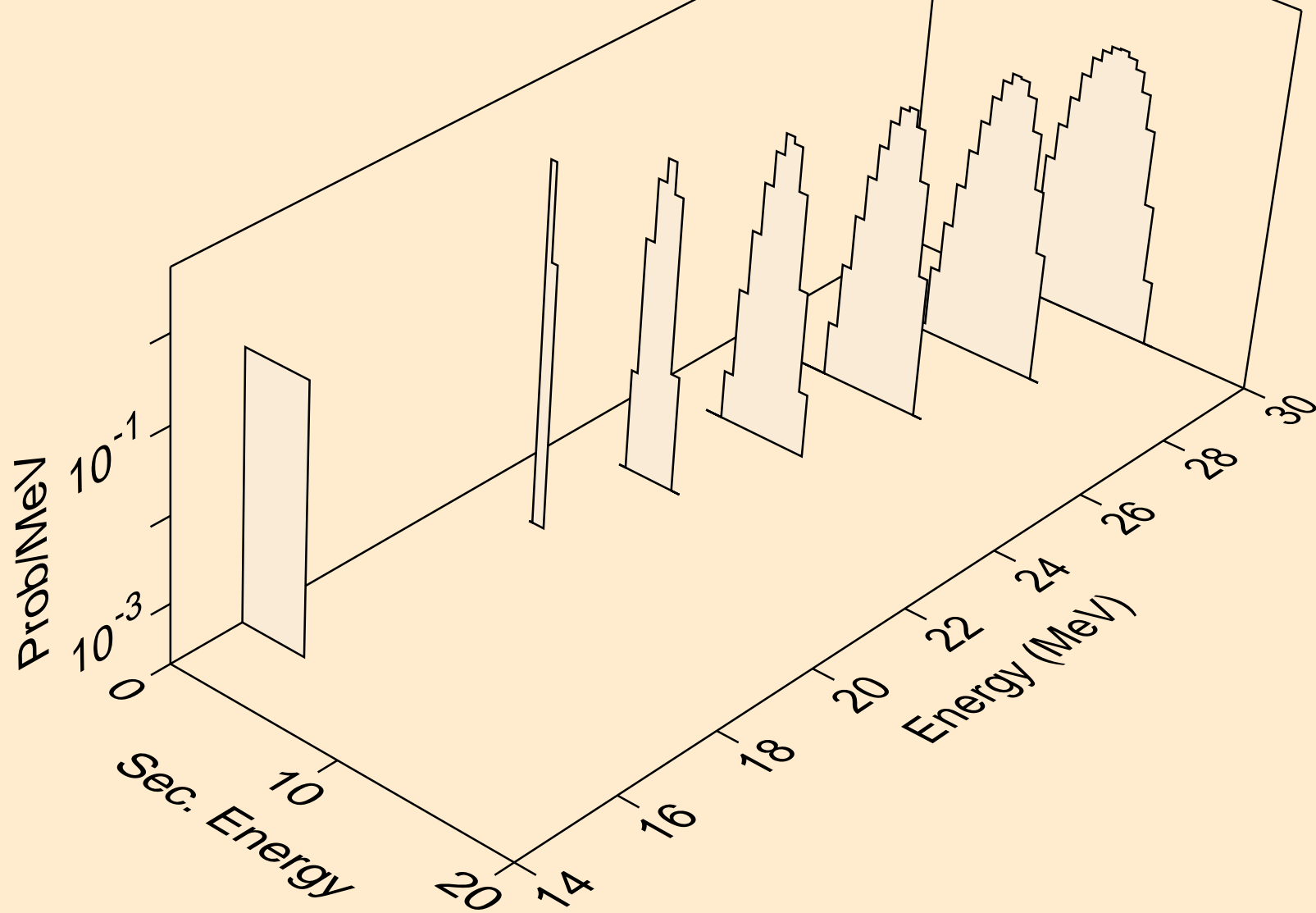
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alphas from (s,x)



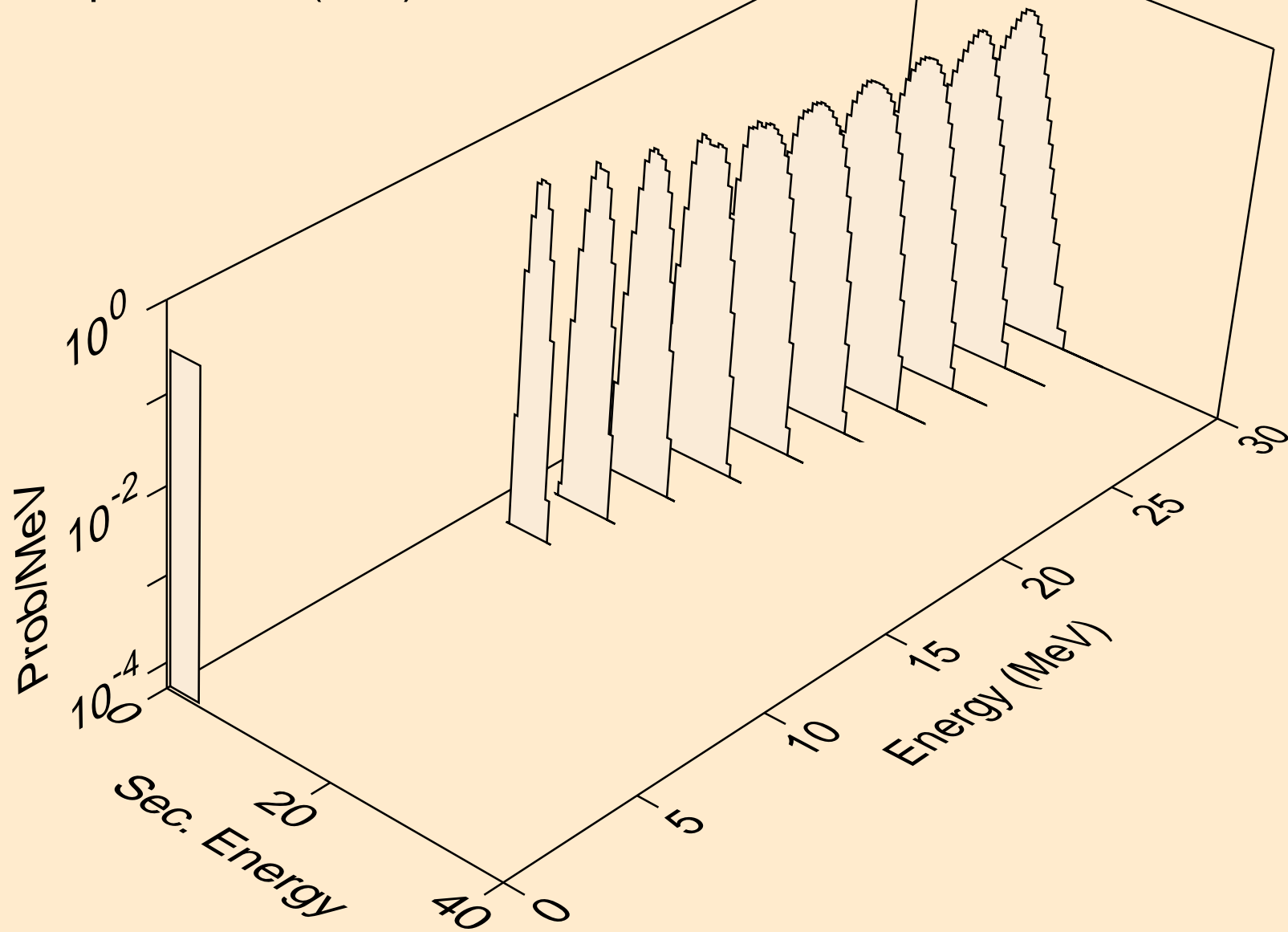
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alphas from (s,n\*)a



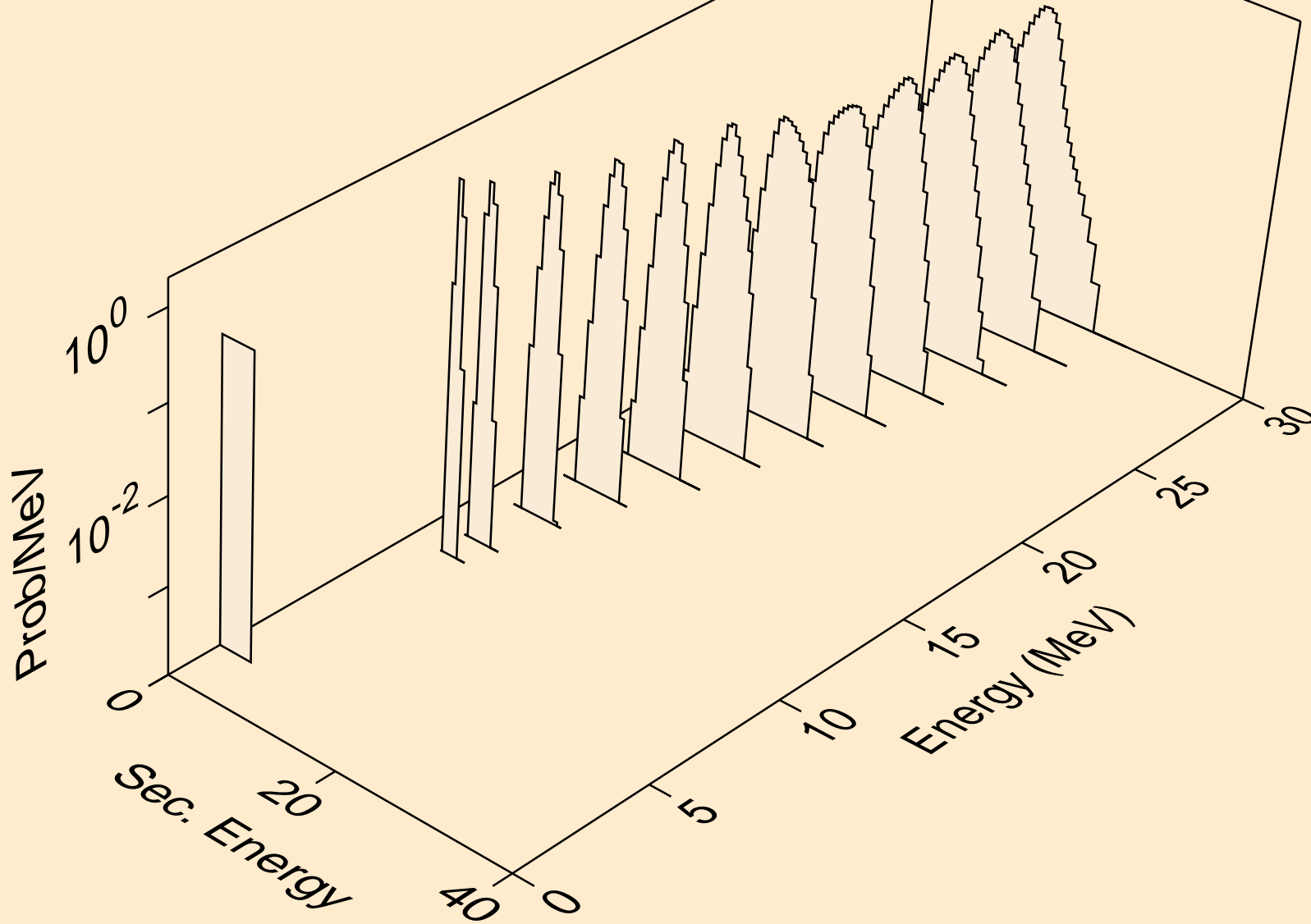
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alphas from (s,2n)a



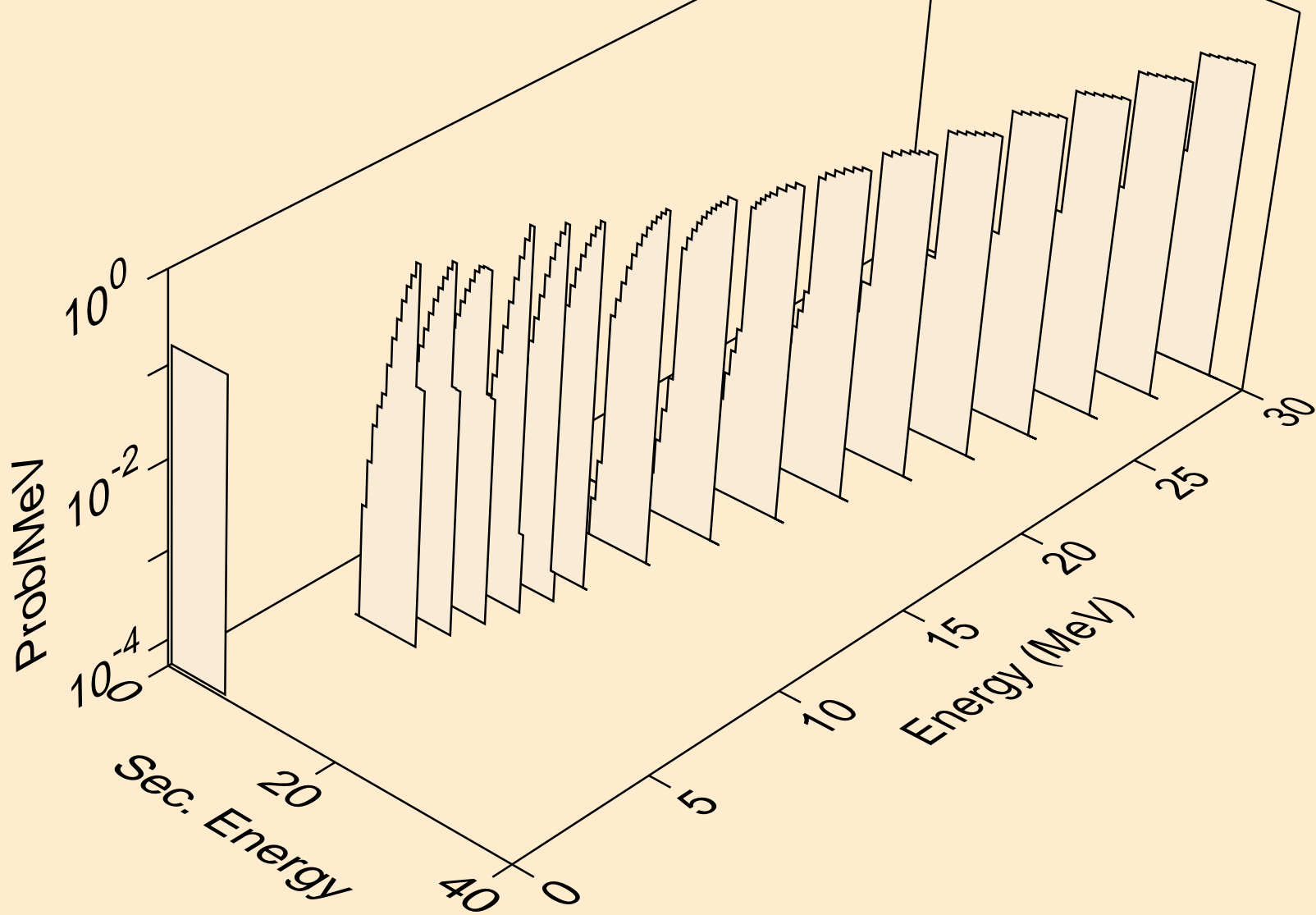
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alphas from (s,n\*)2a



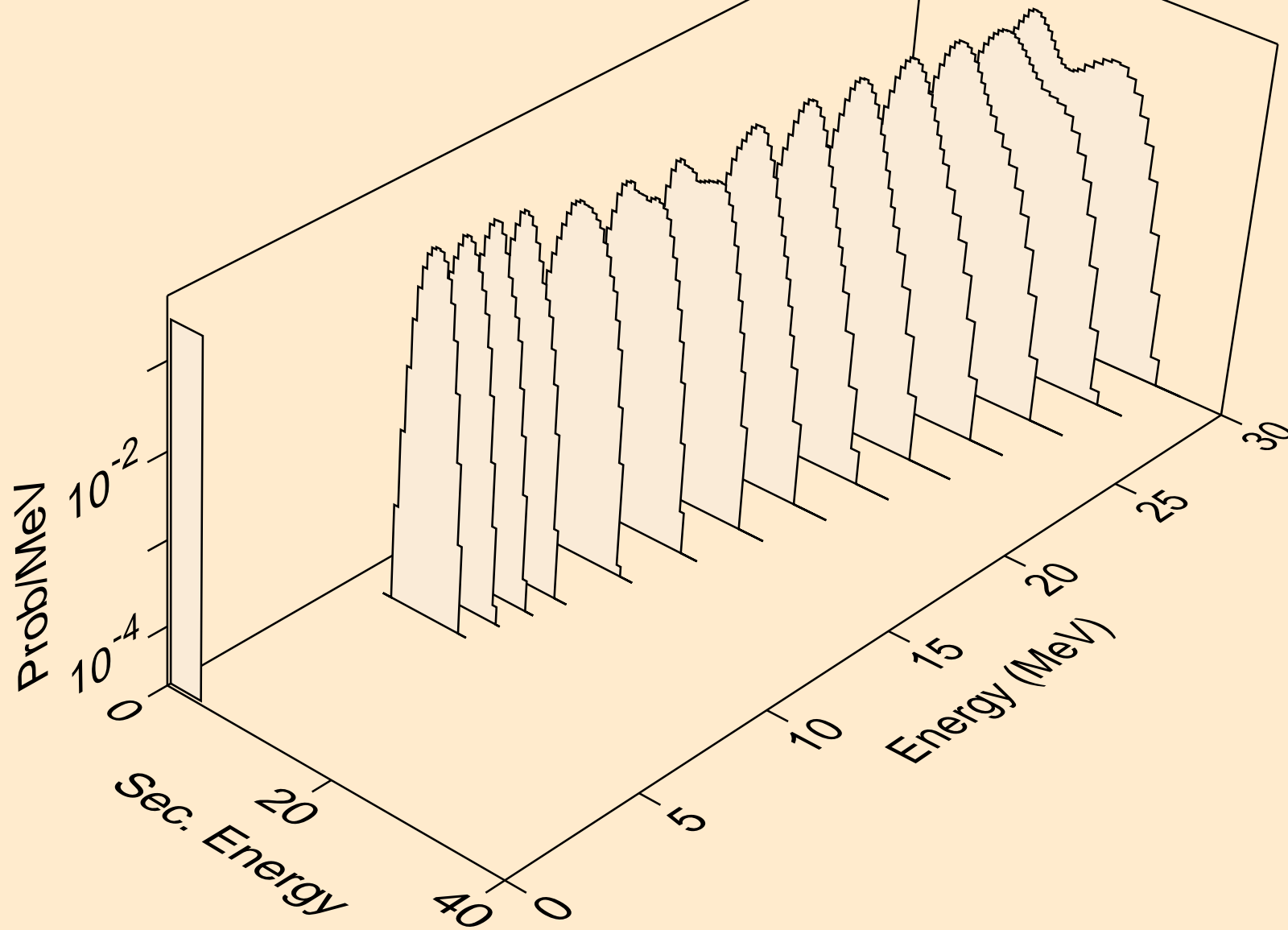
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

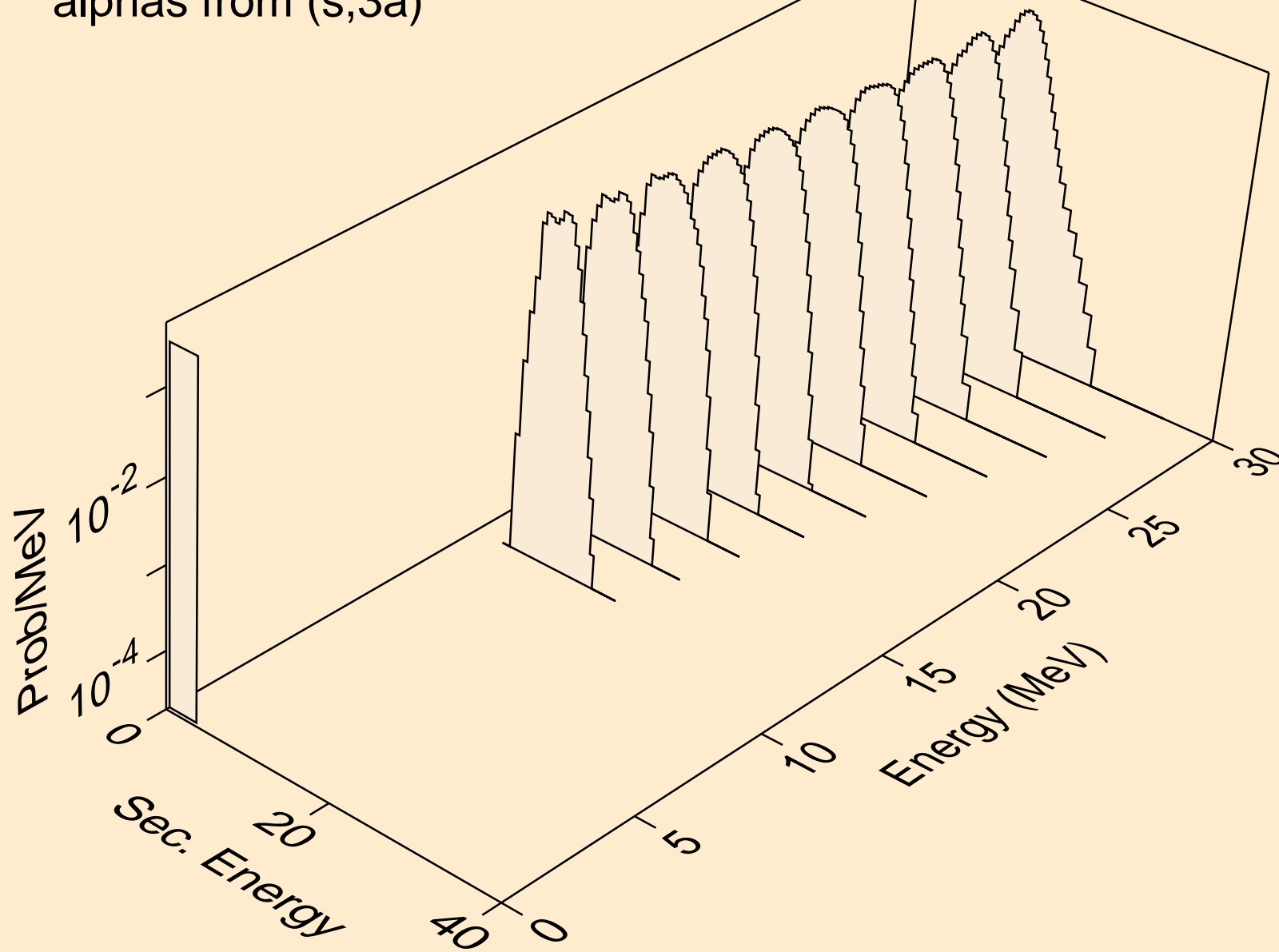


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alphas from (s,2a)

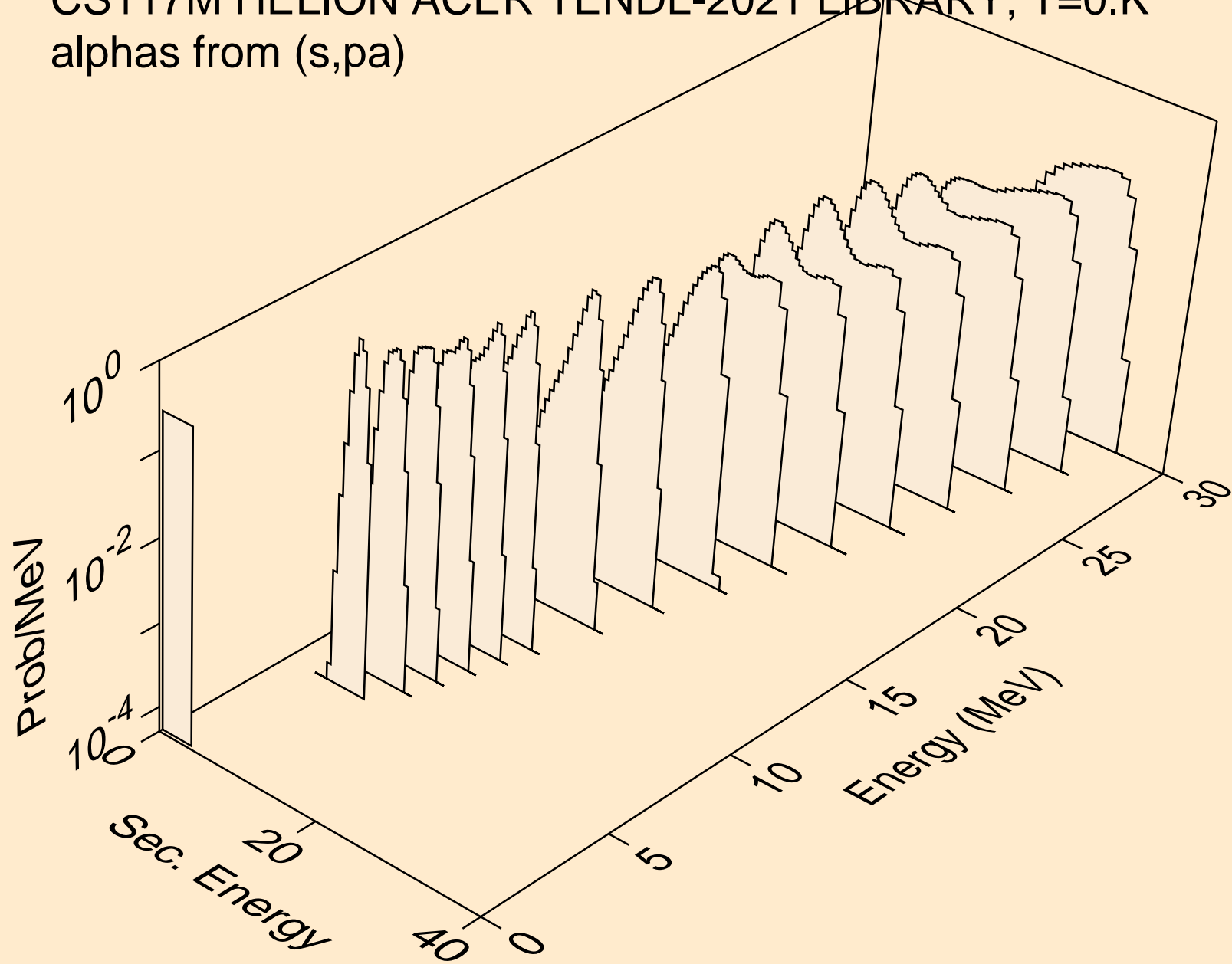




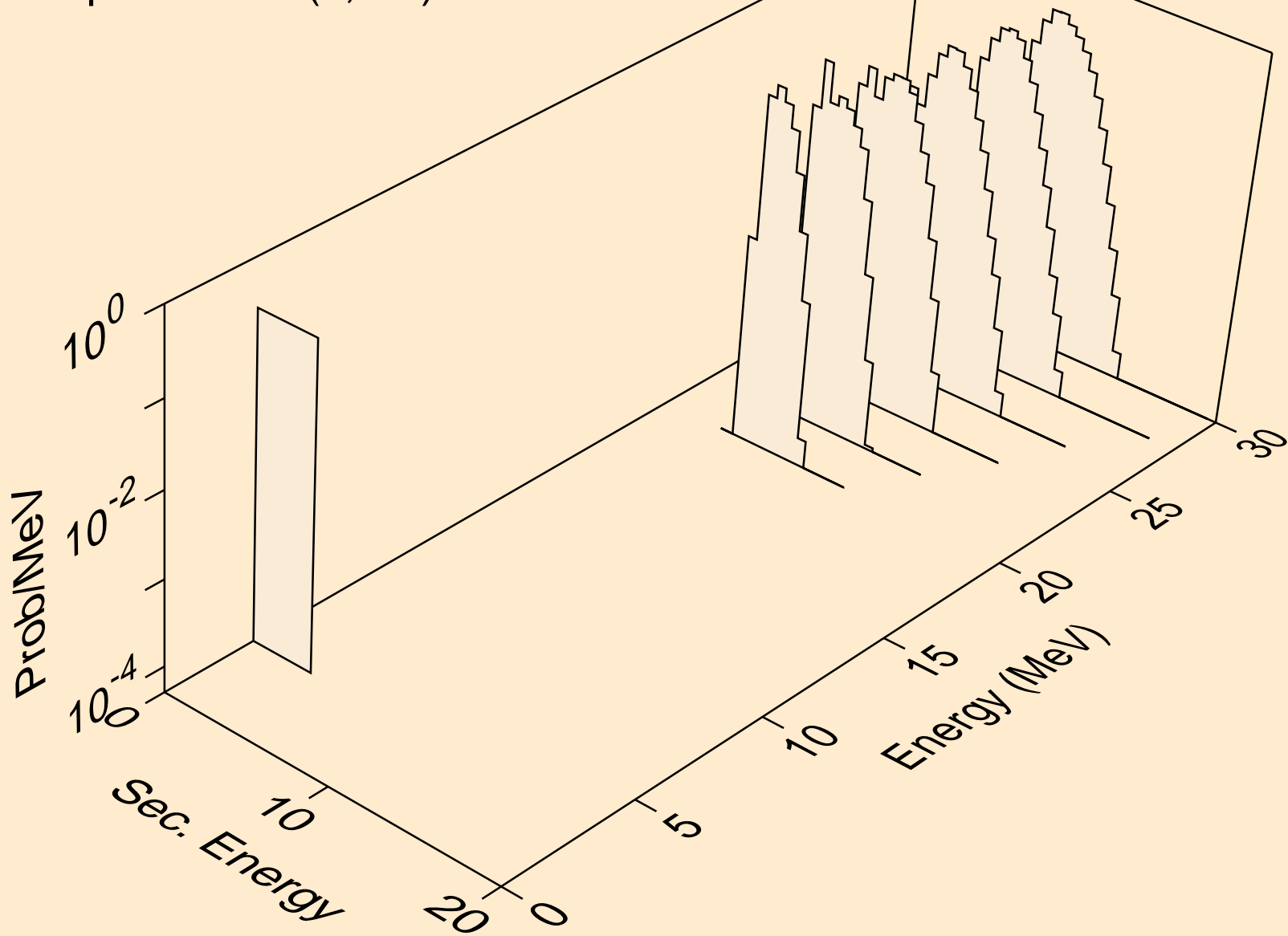
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3a)



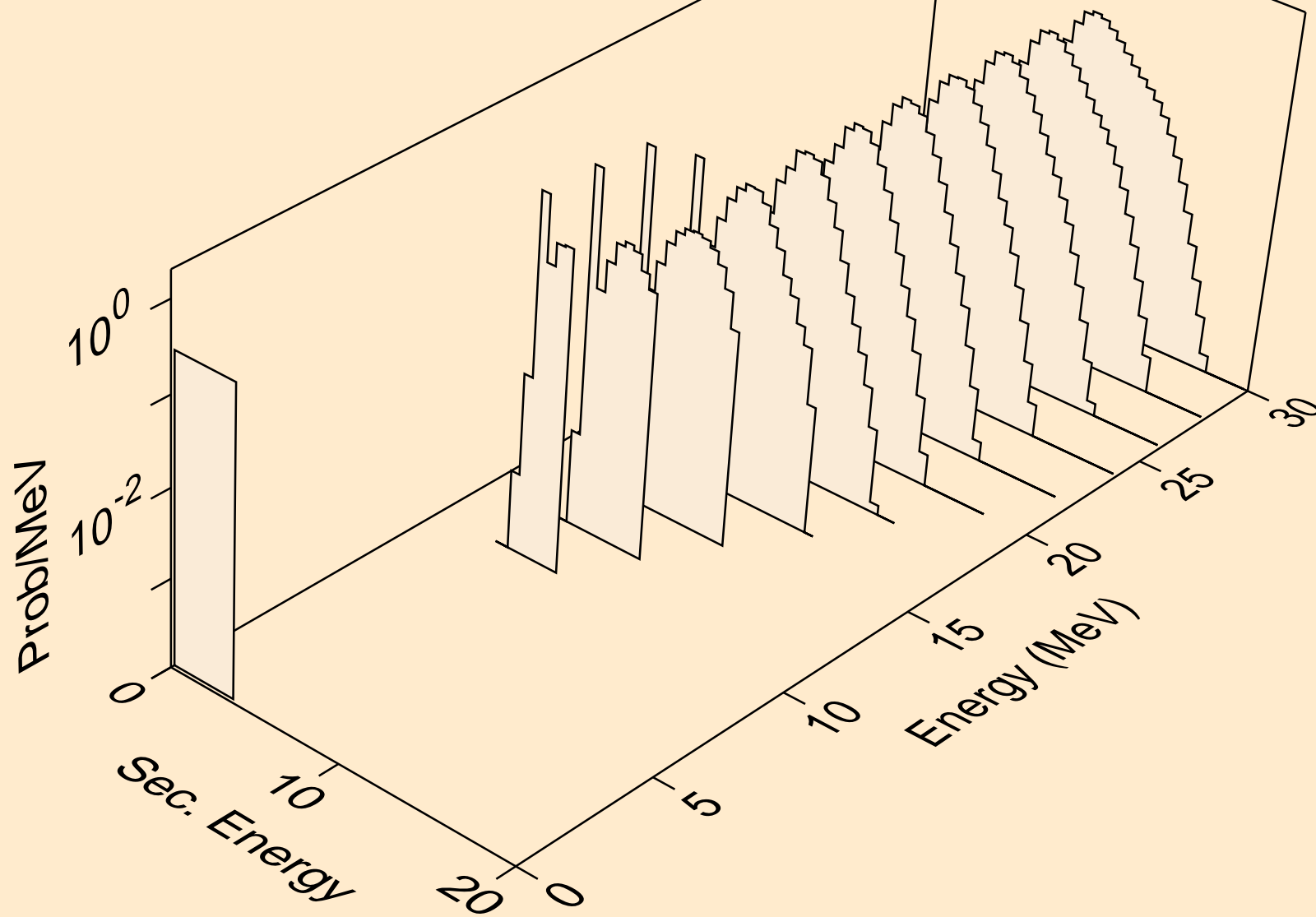
CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,t2a)



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,d2a)



CS117M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

