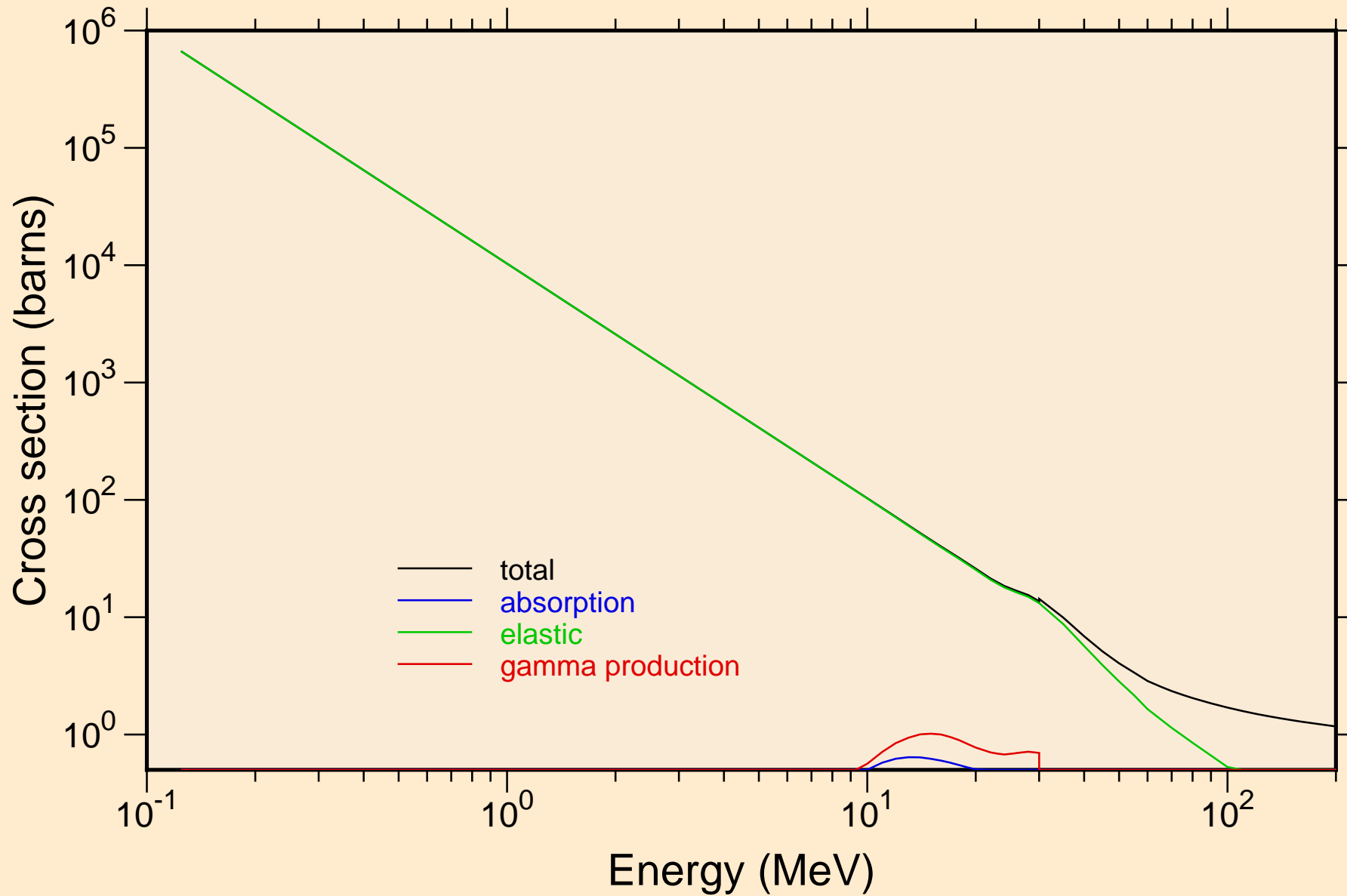


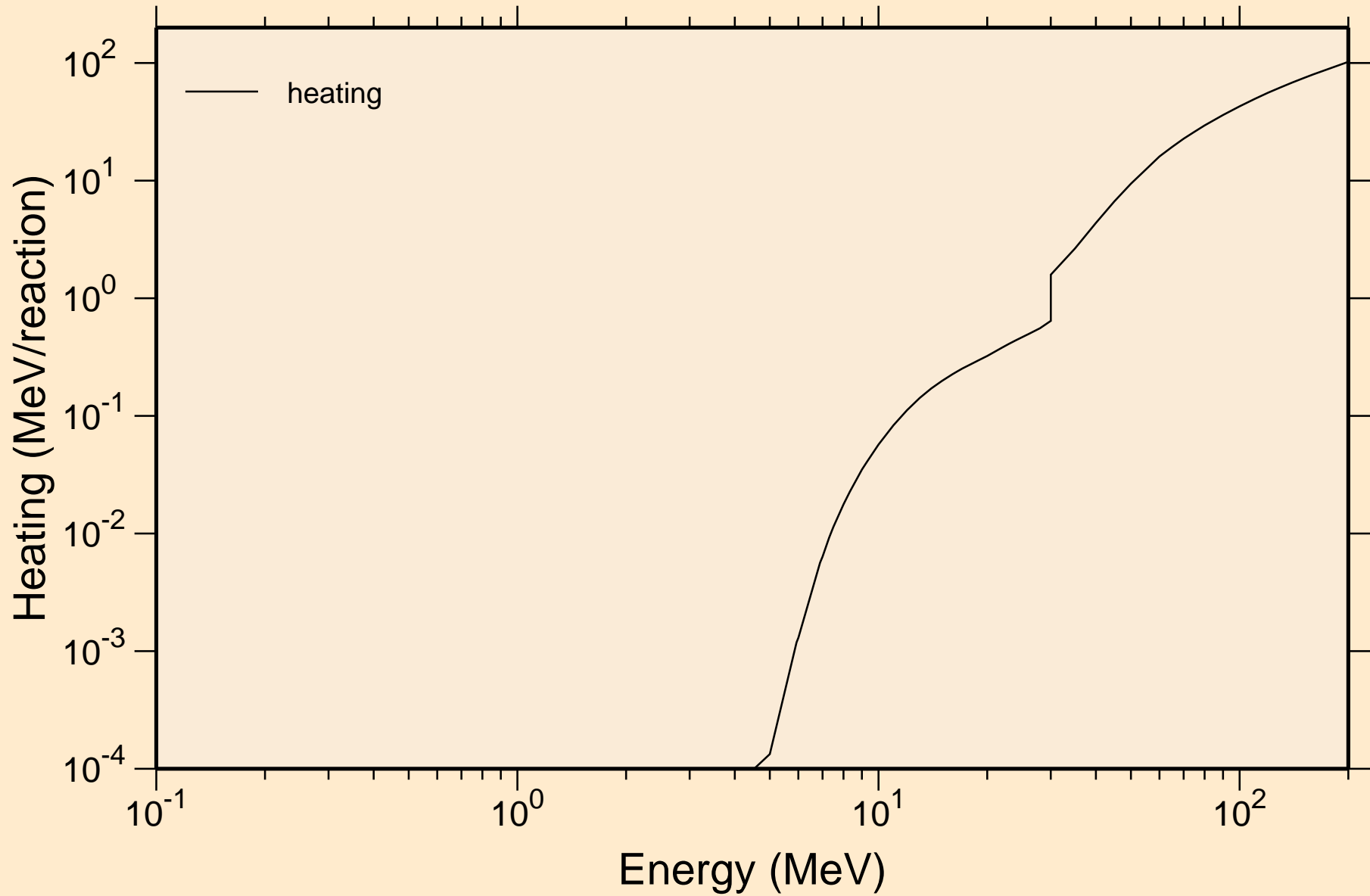
# K038 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



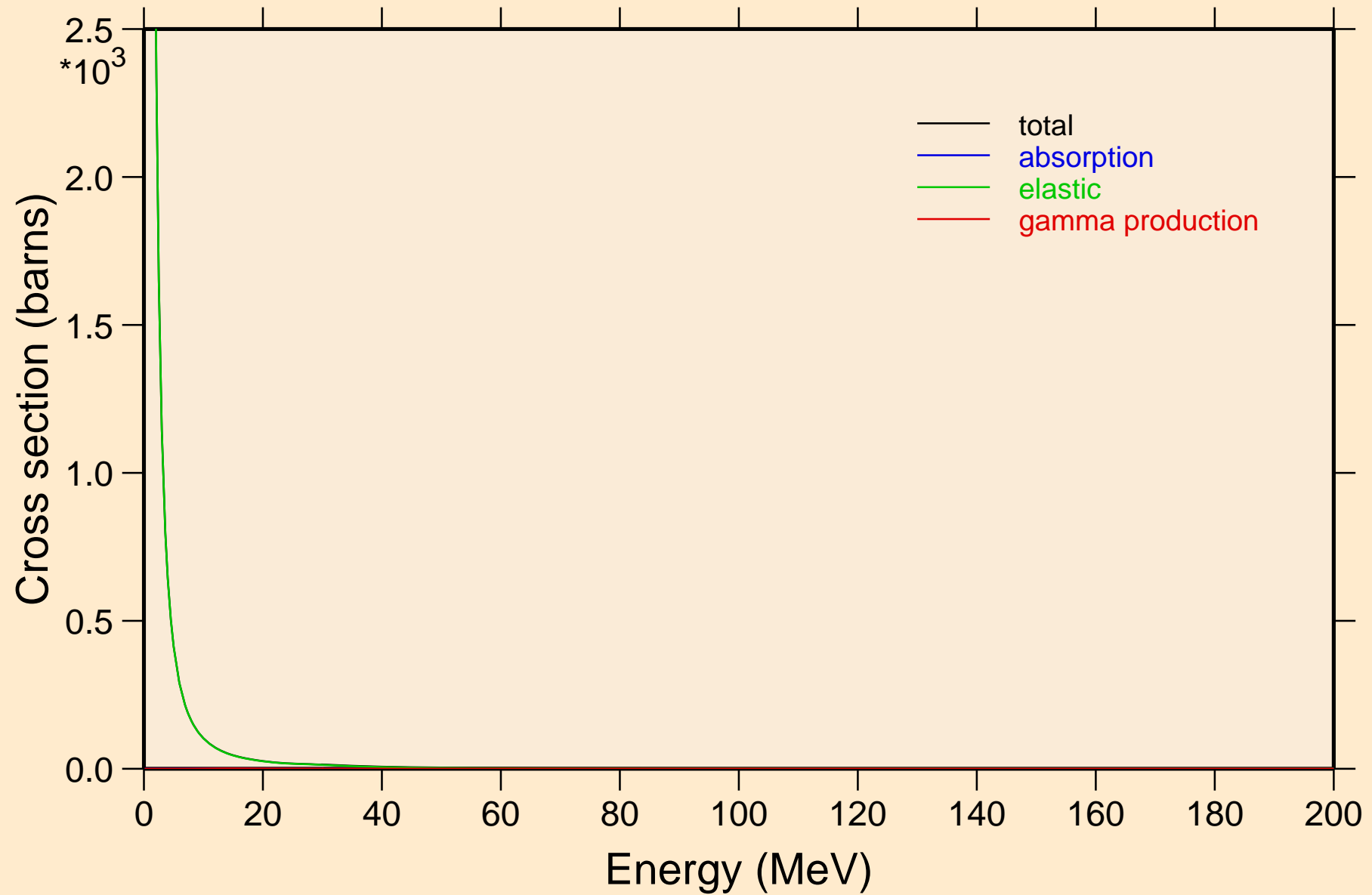
# K038 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



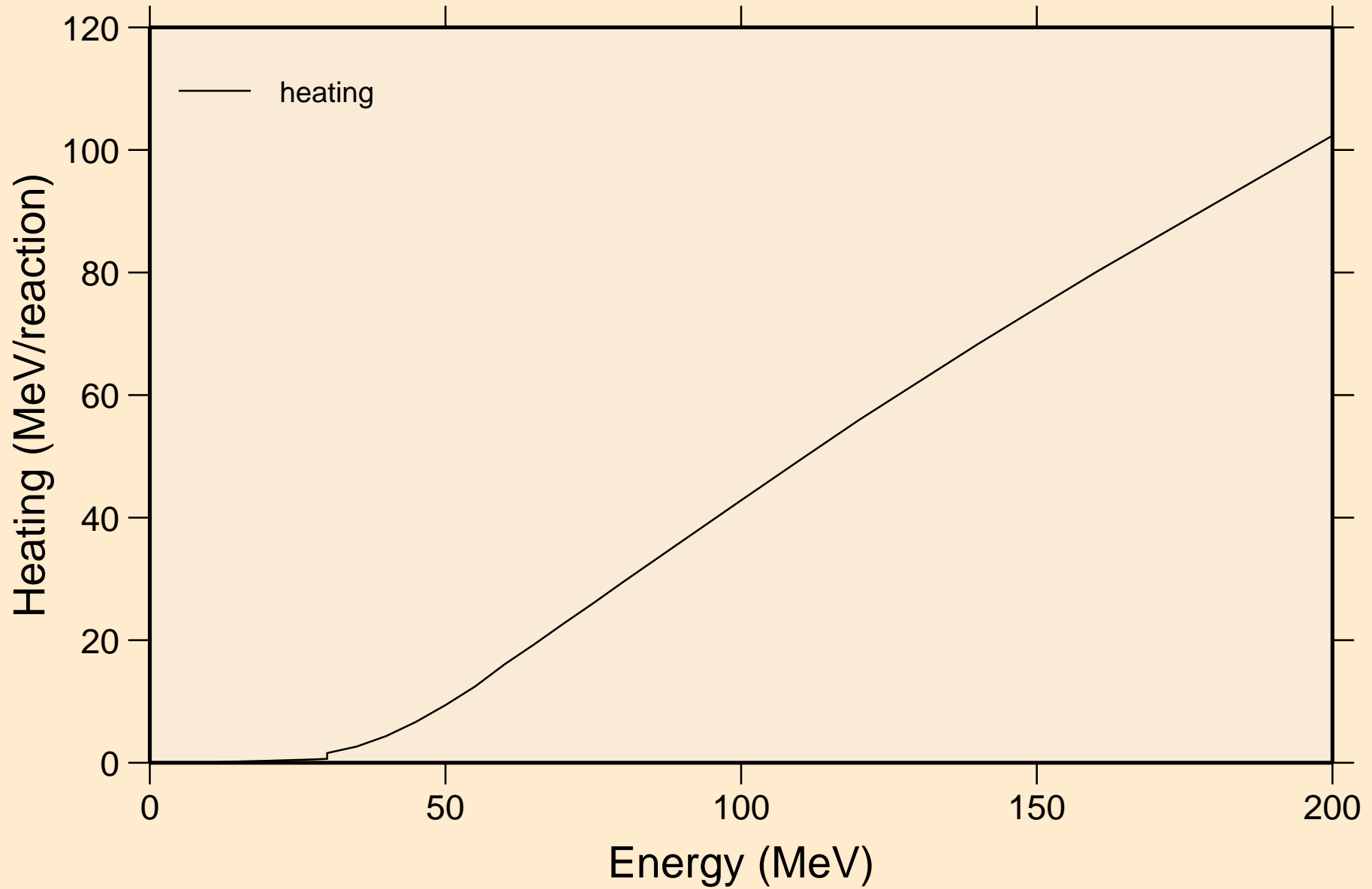
# K038 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

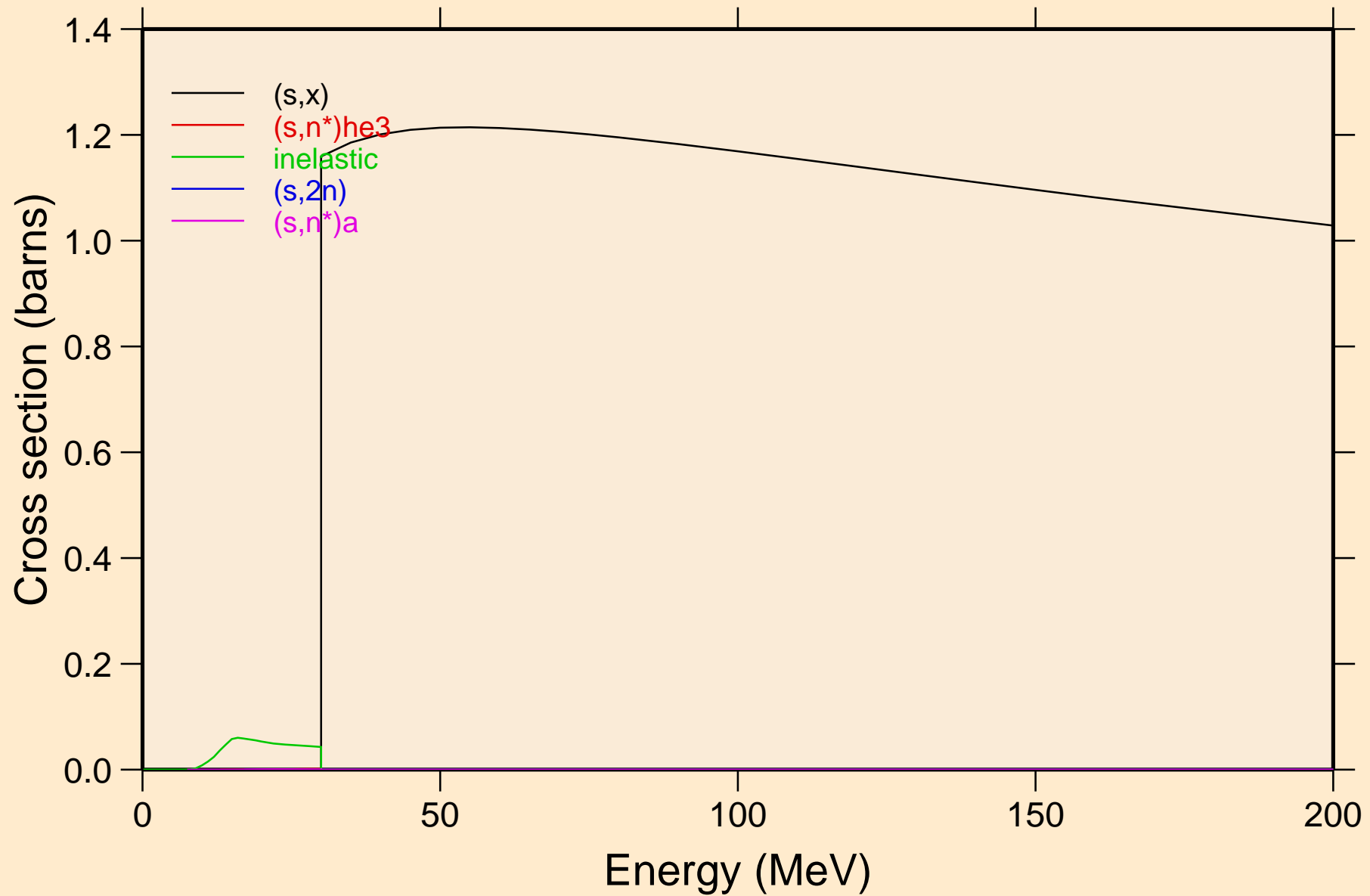


K038 HELION ACER TENDL-2021 LIBRARY; T=0.K

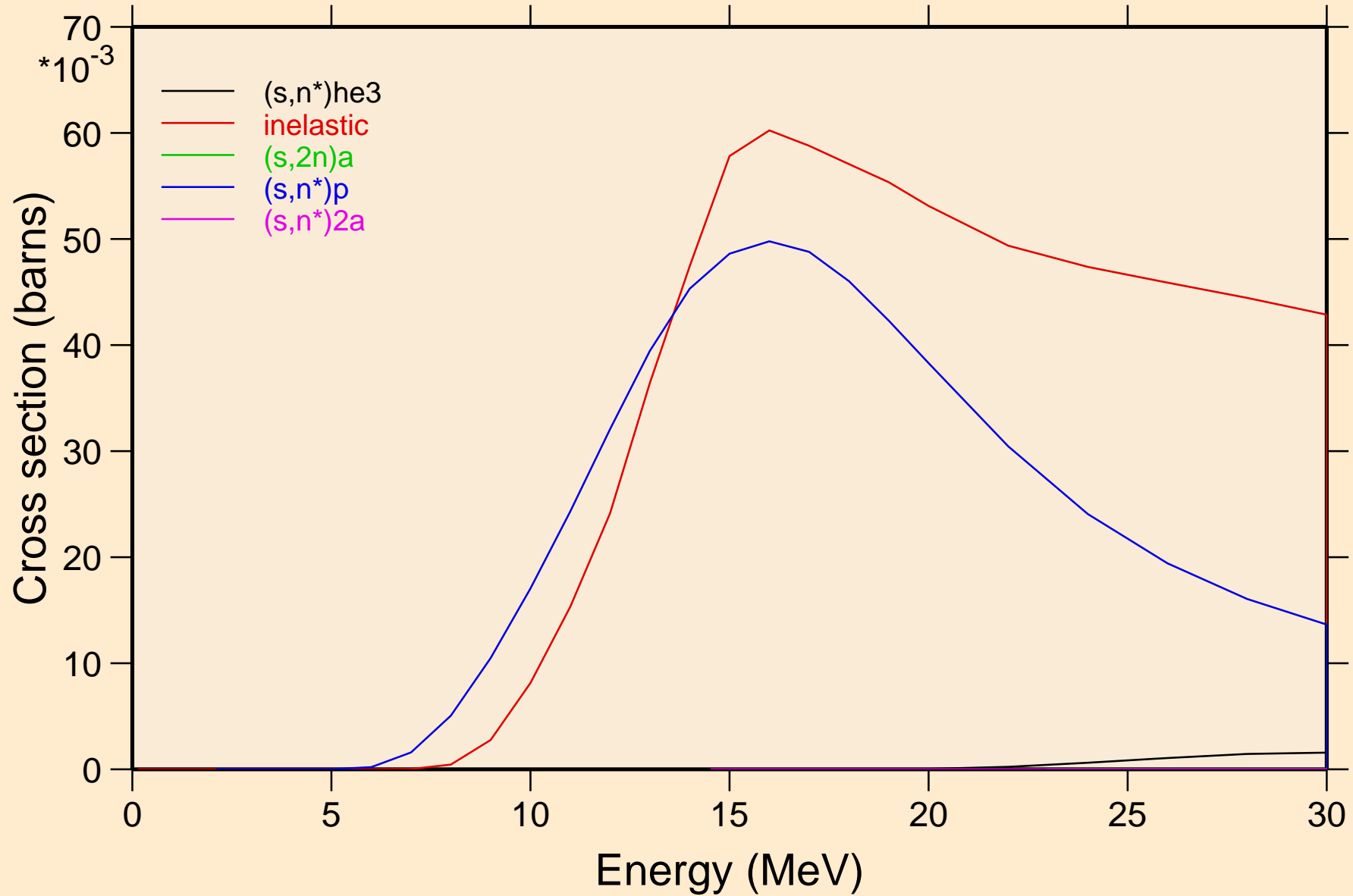
Heating



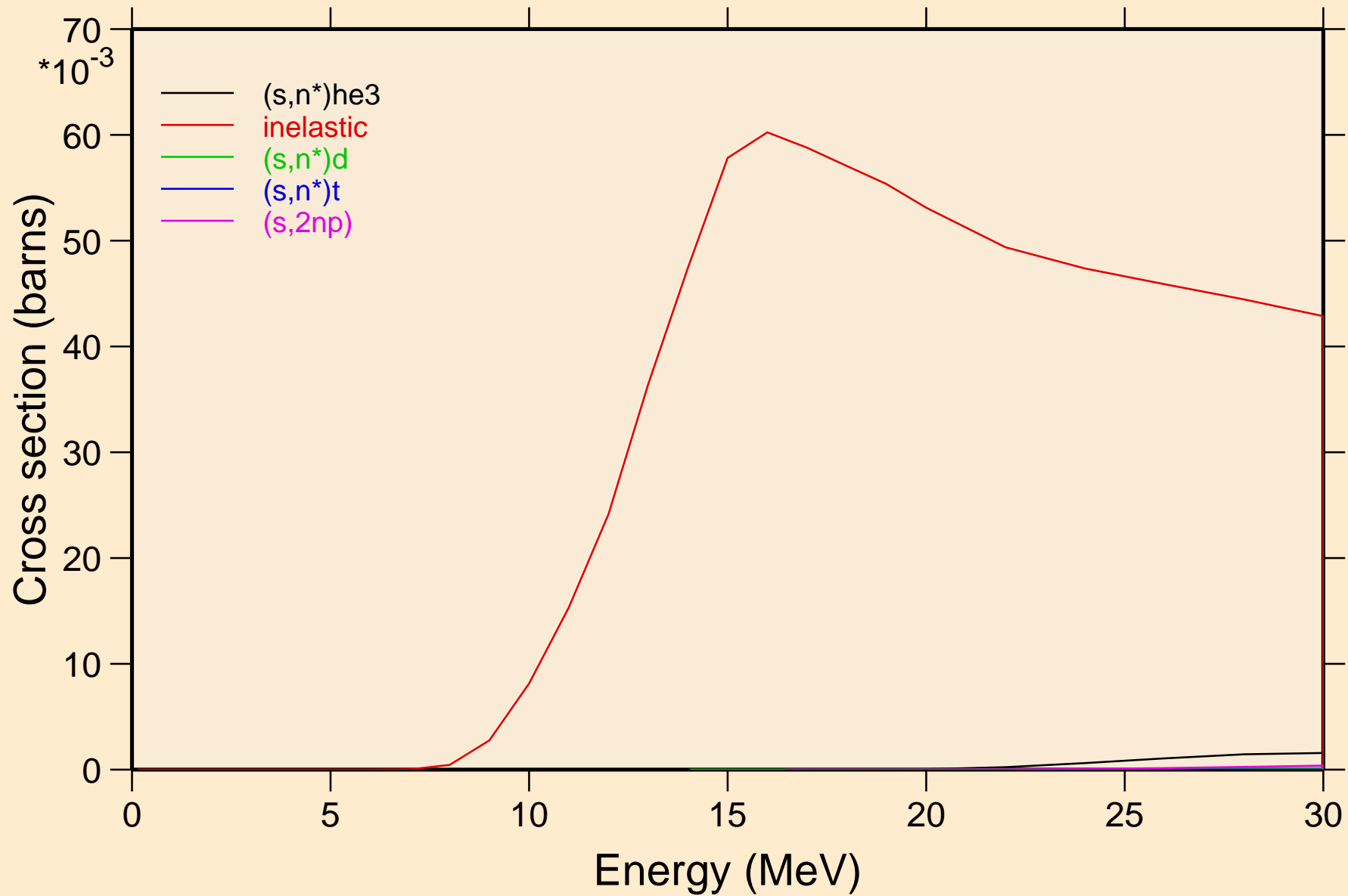
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



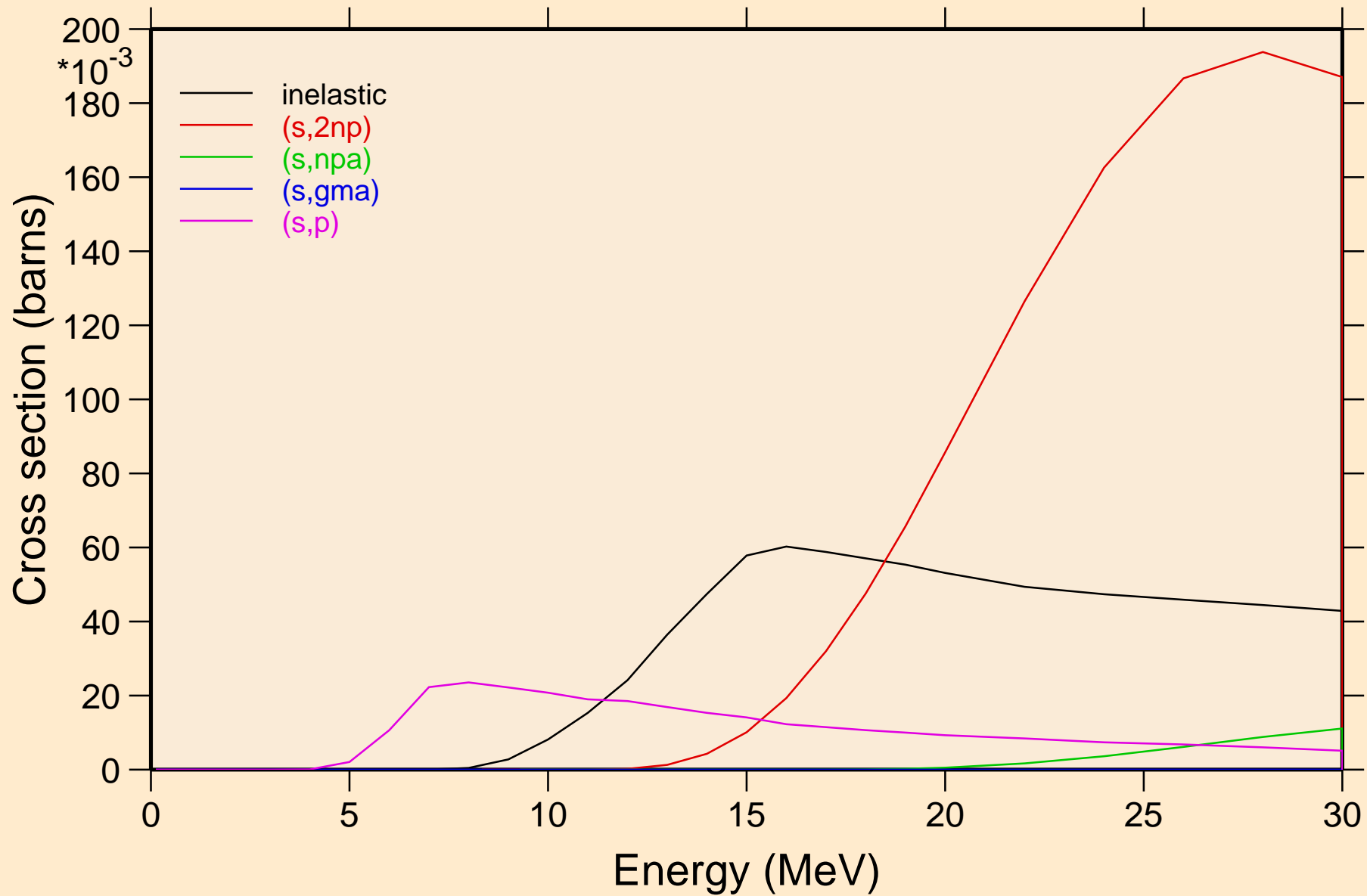
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

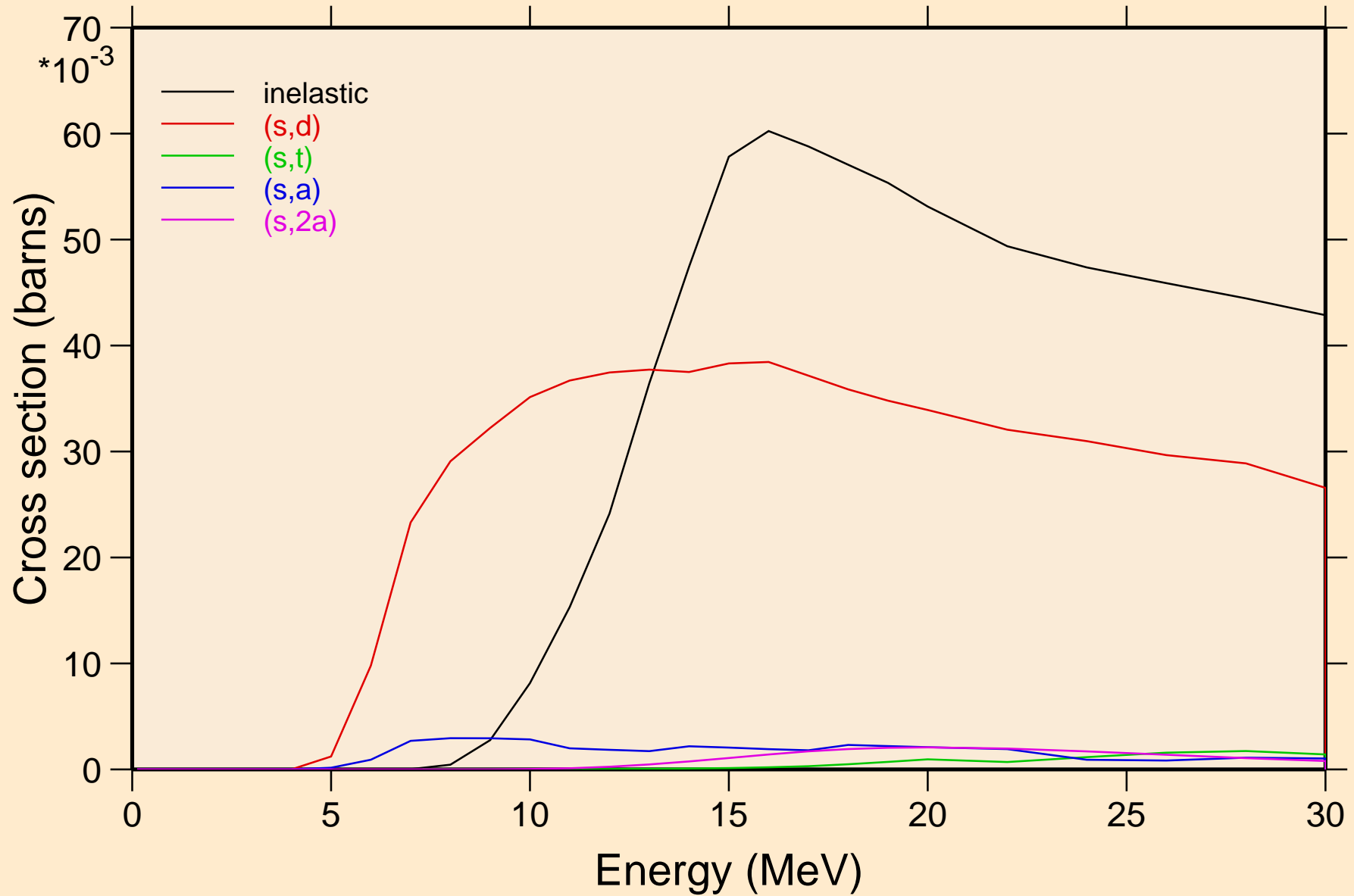


K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

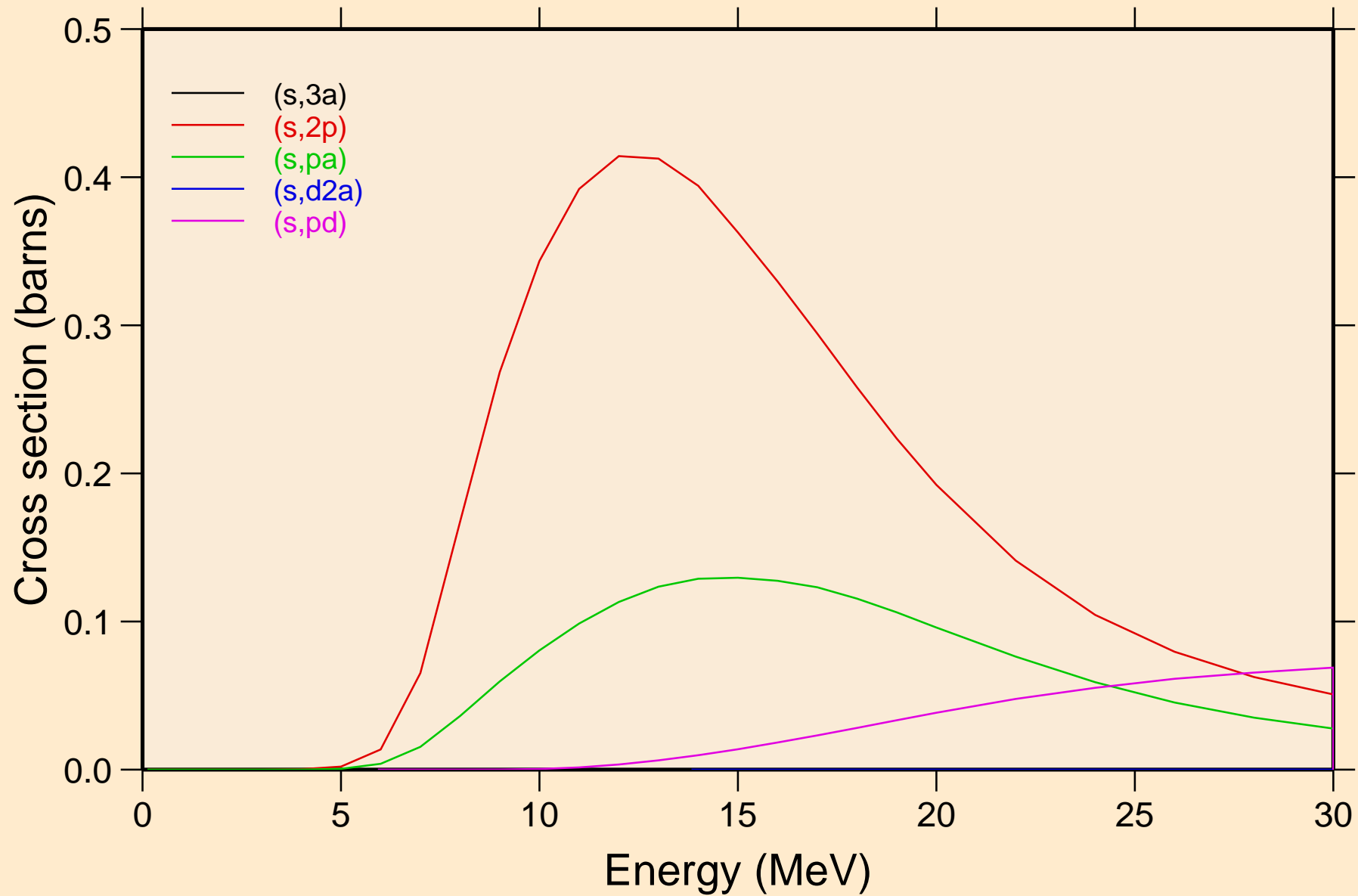




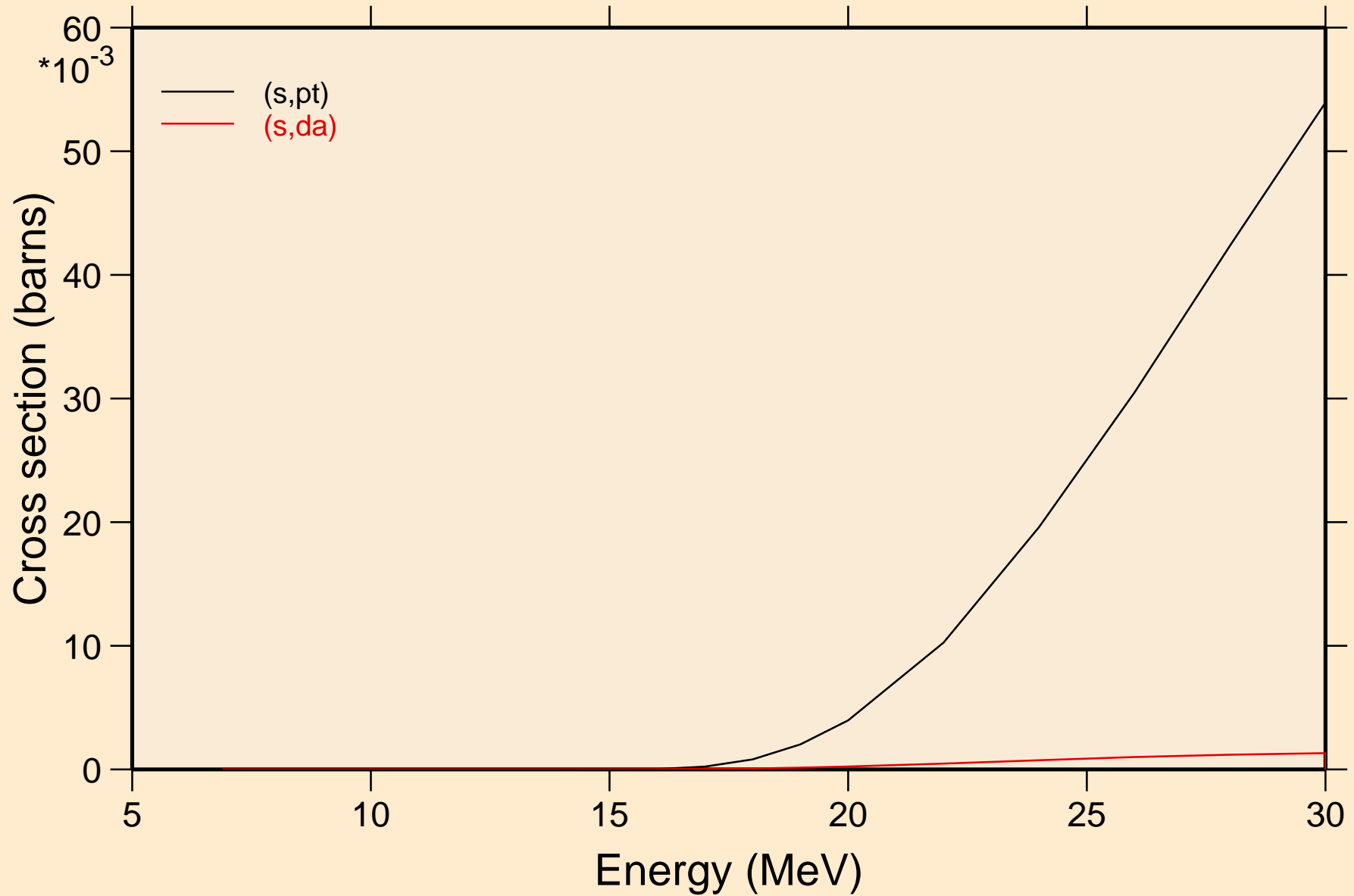
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



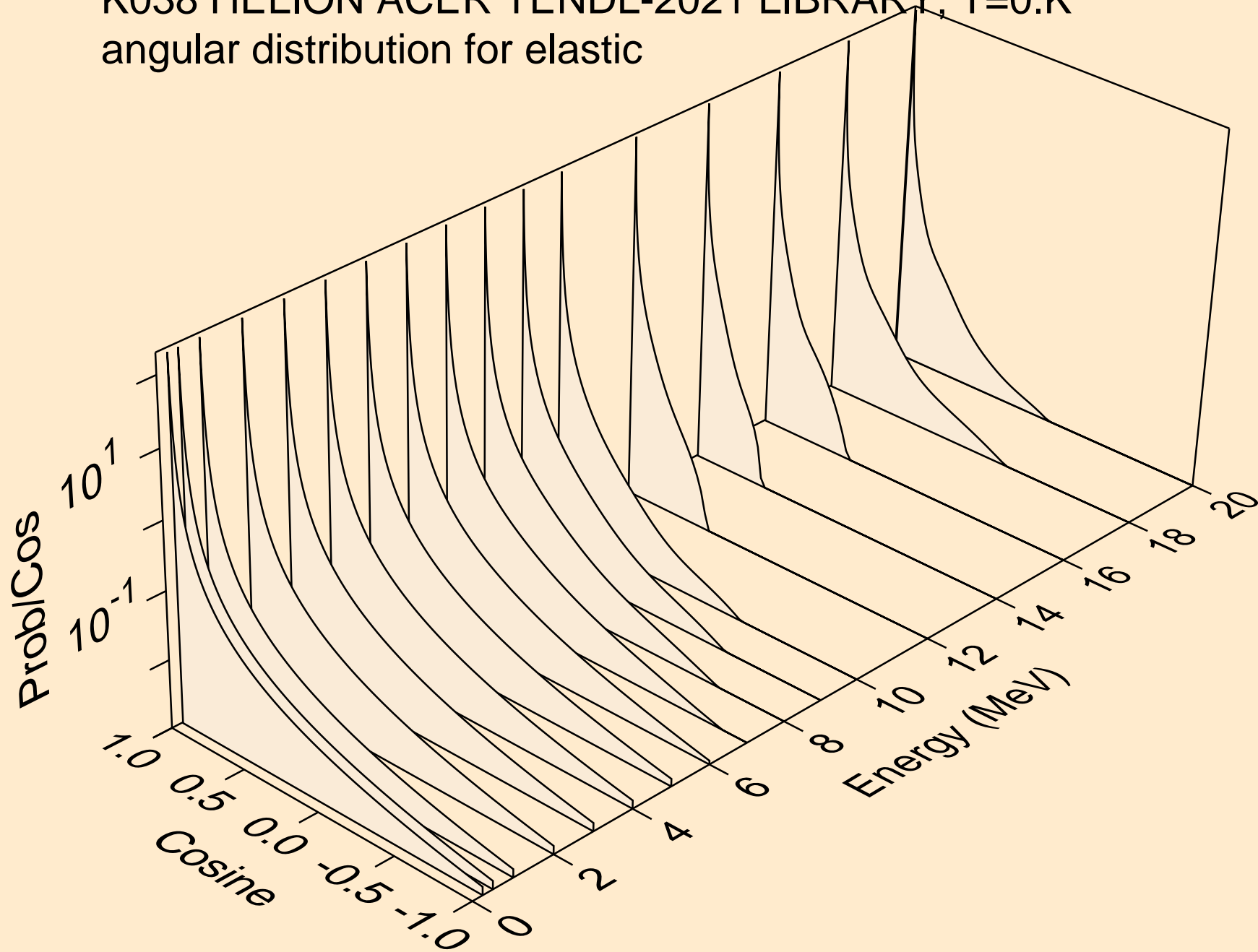
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



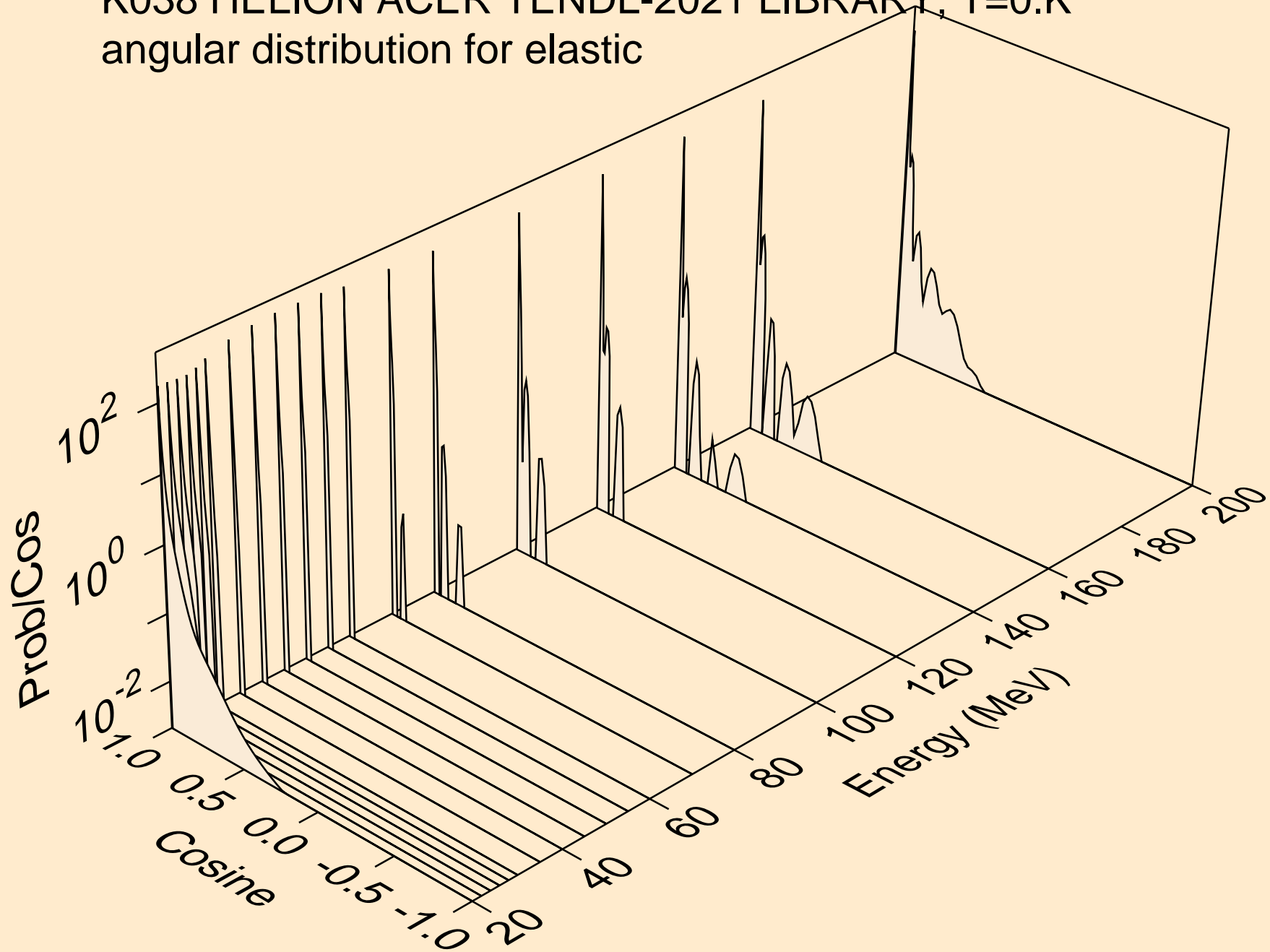
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Threshold reactions



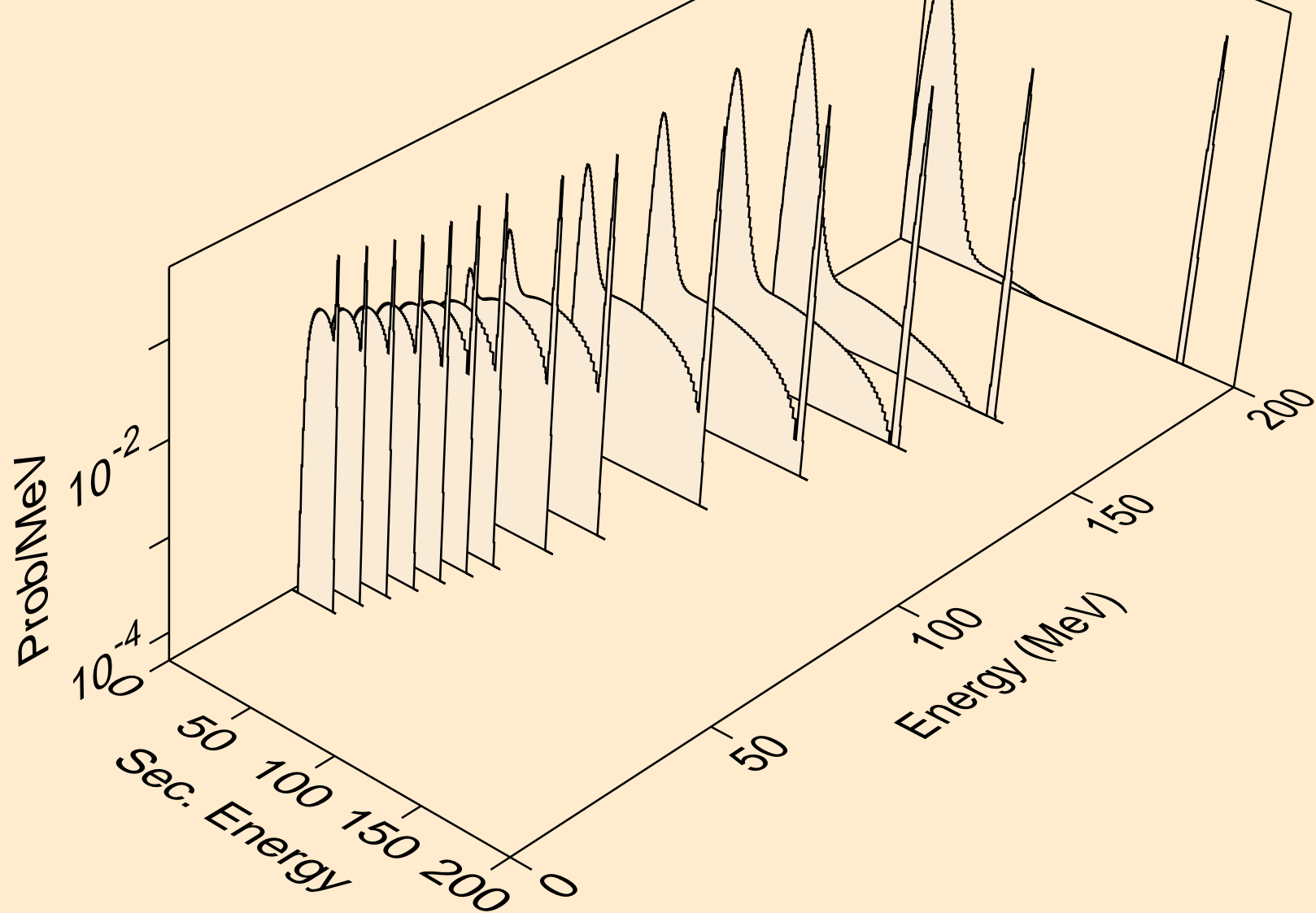
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



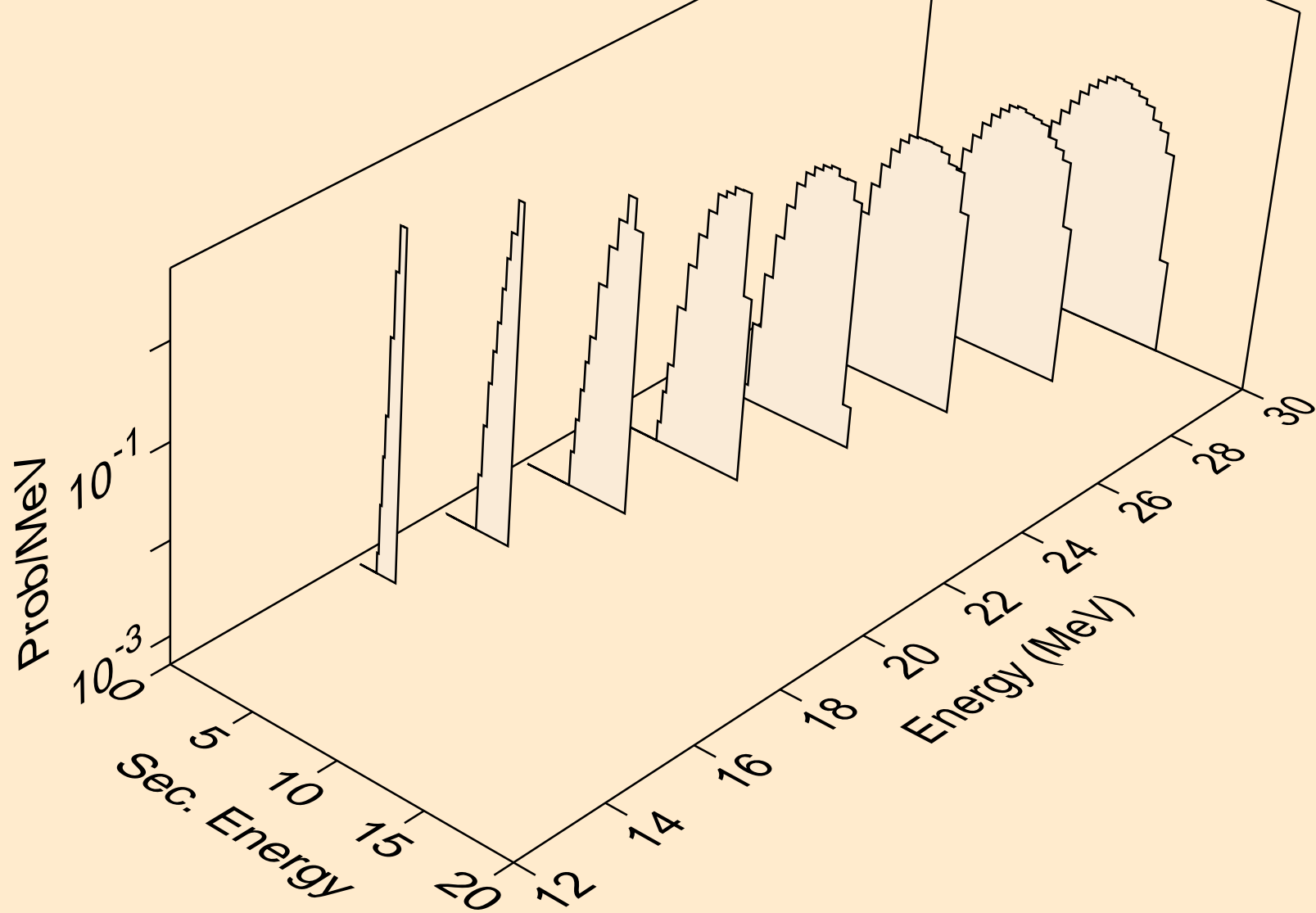
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



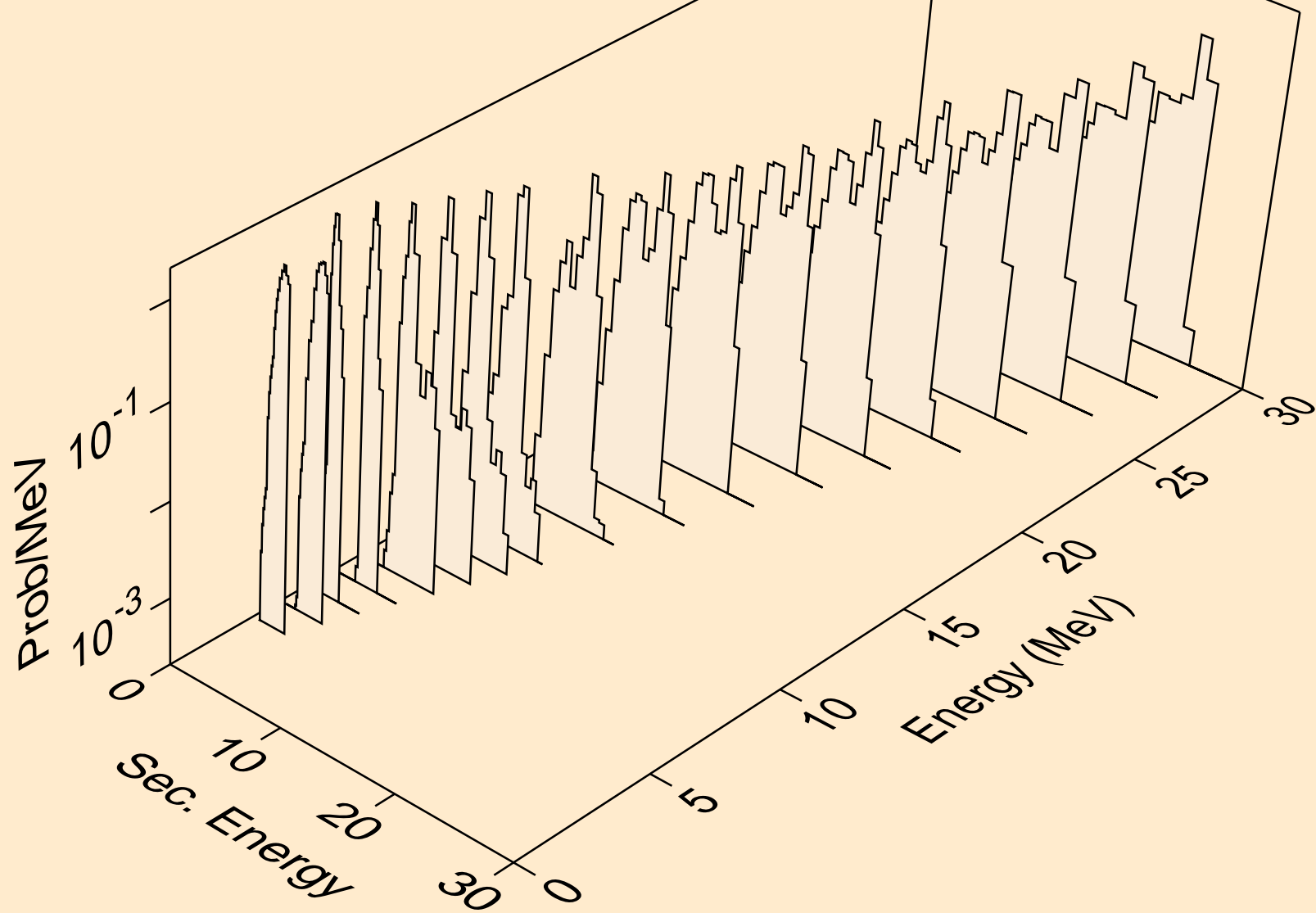
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

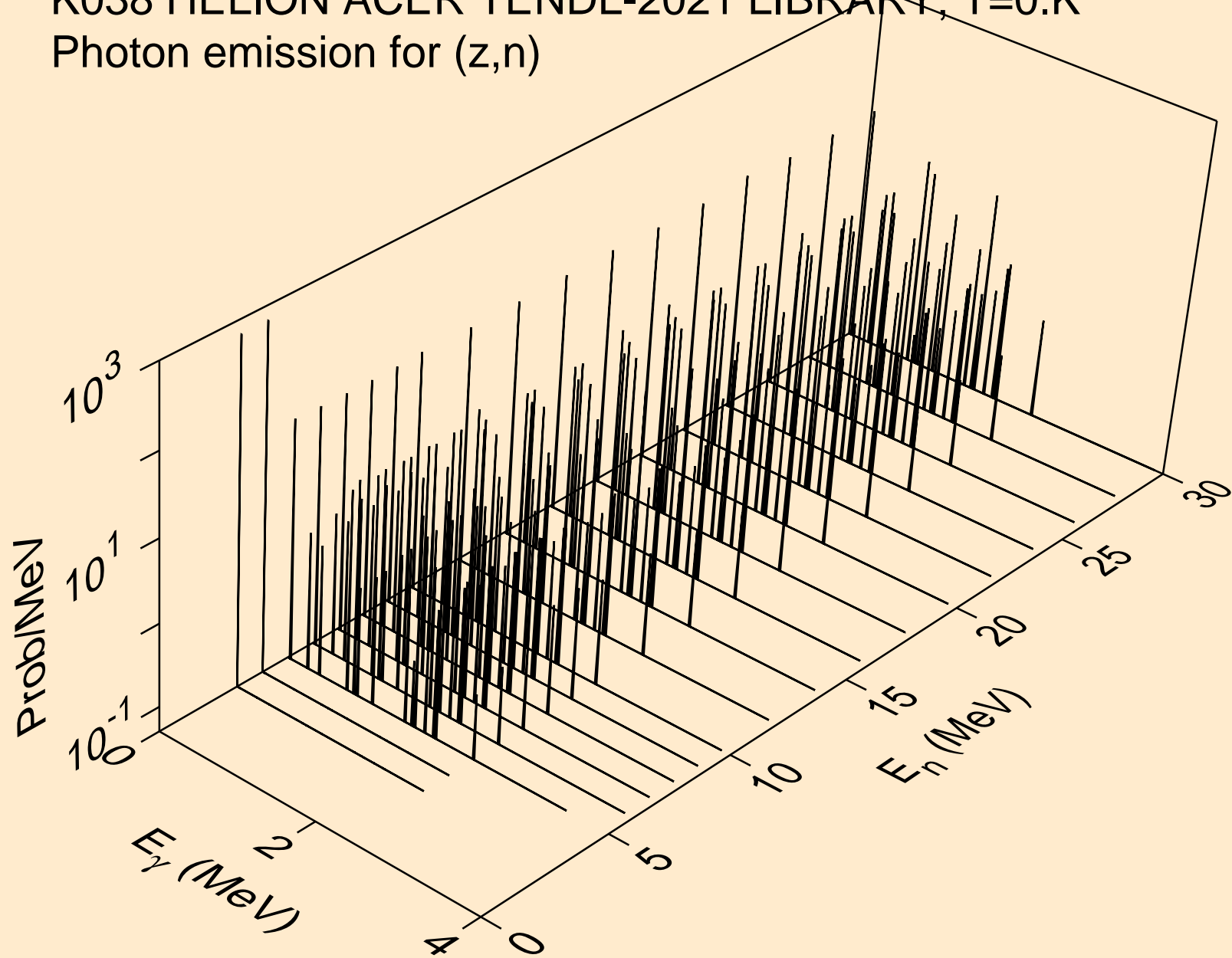


K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

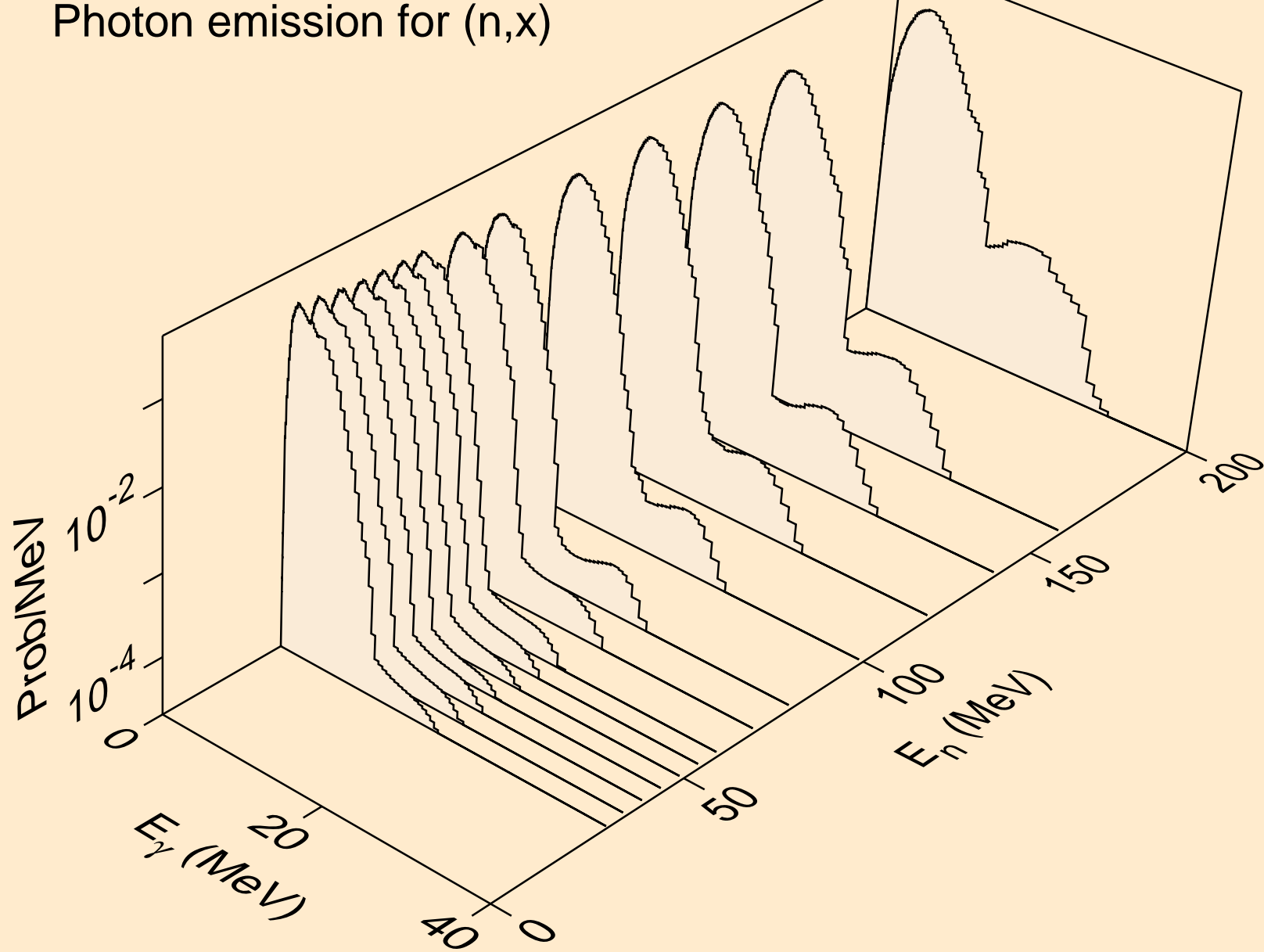




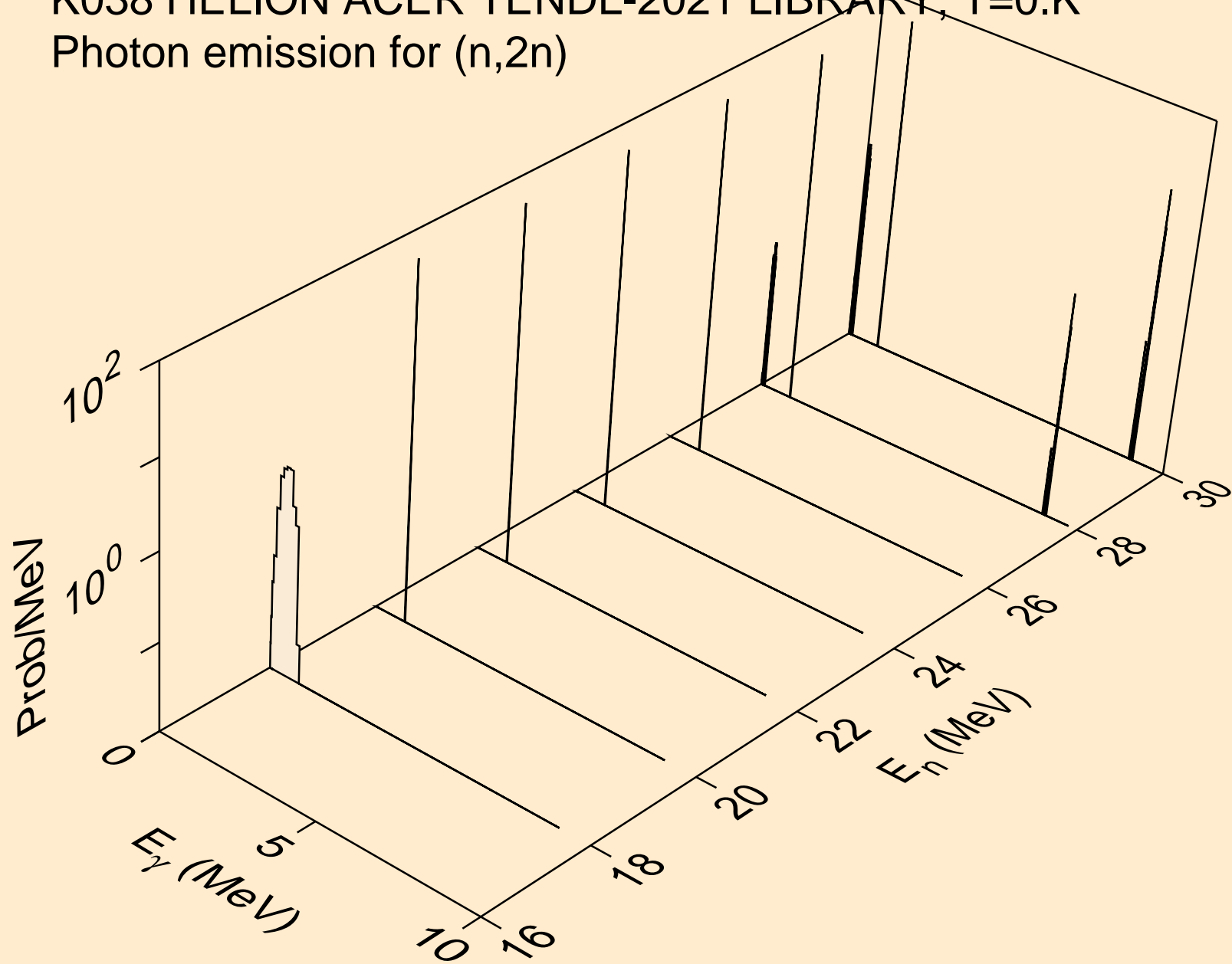
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



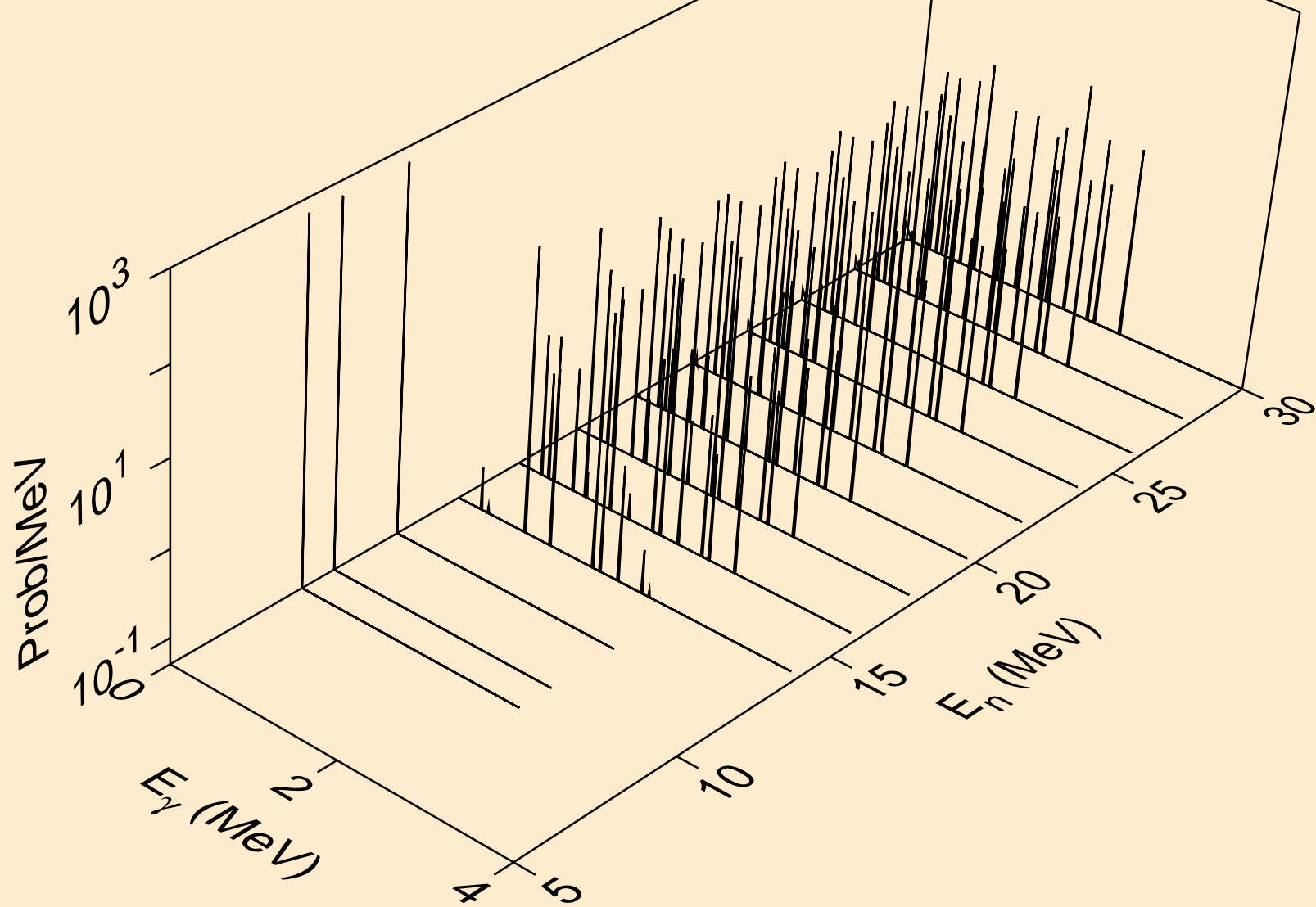
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



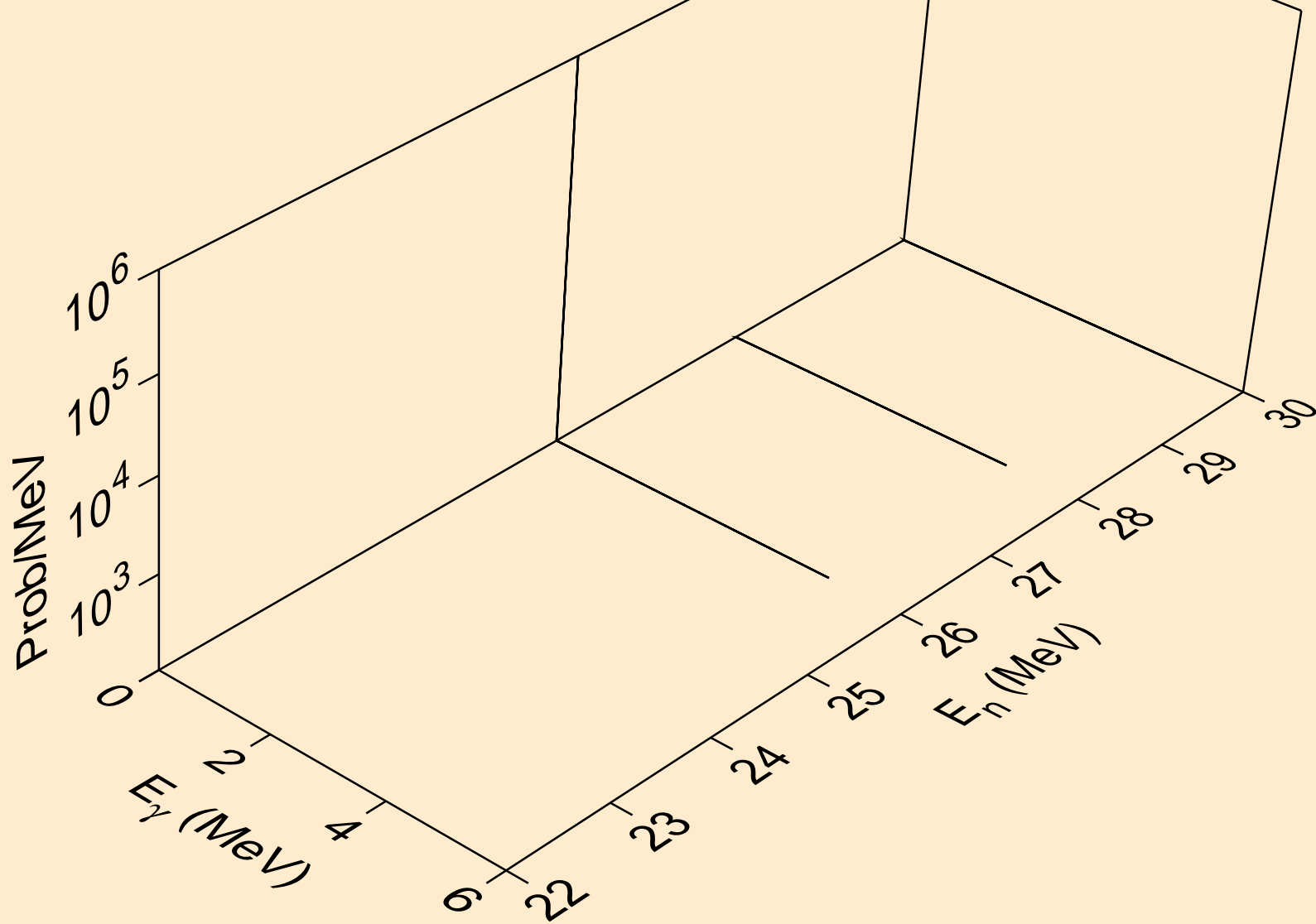
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



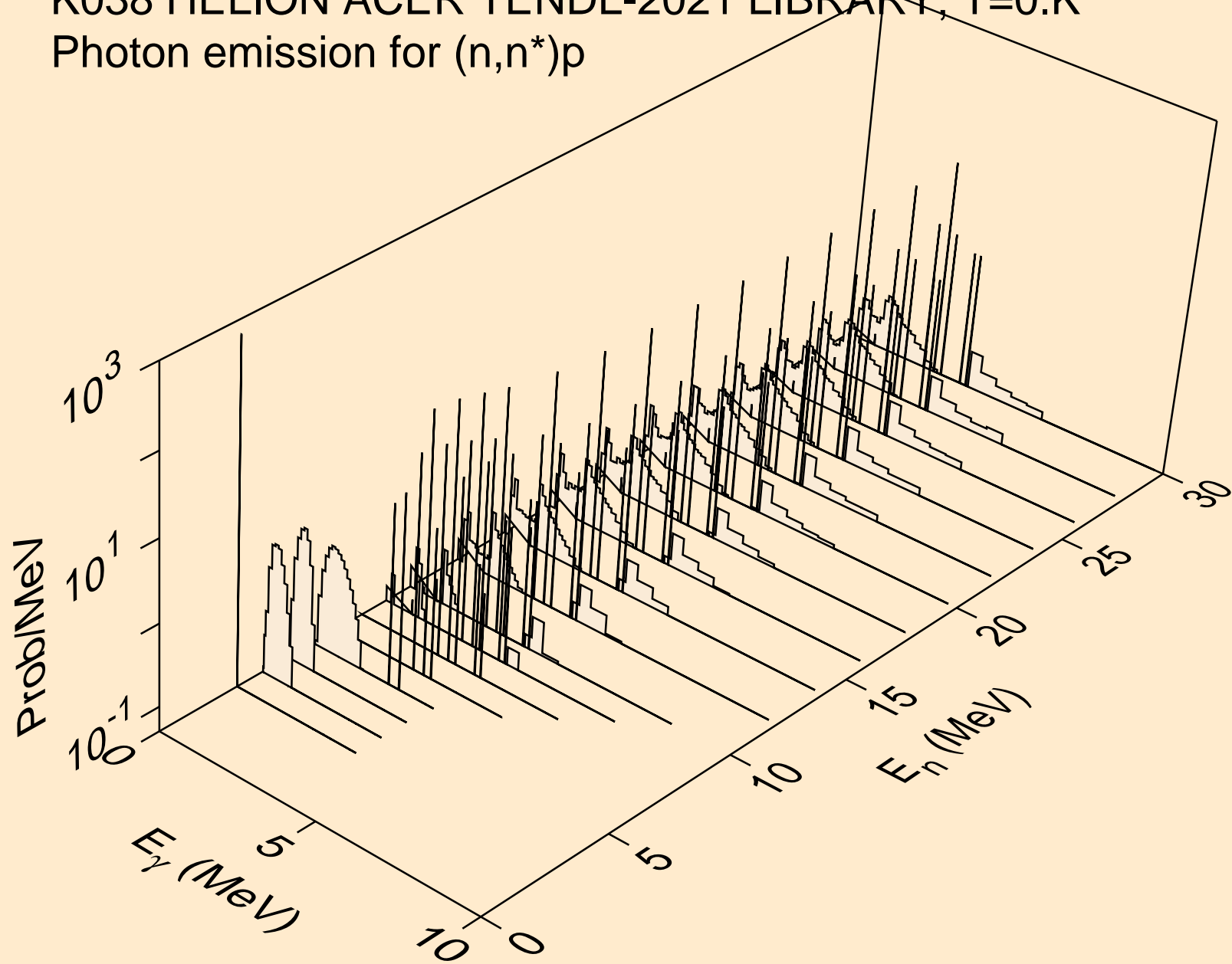
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



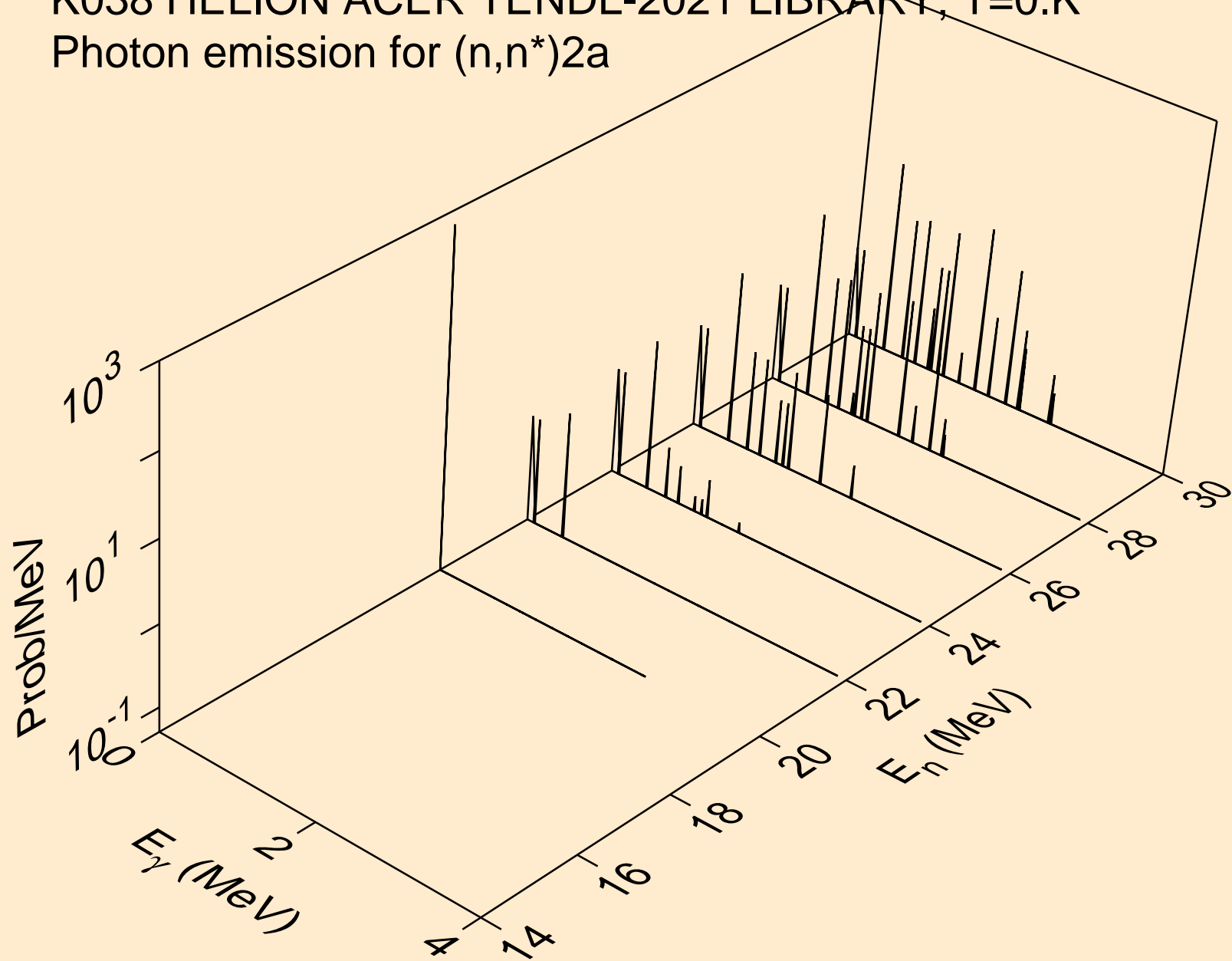
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Photon emission for (n,2n)a



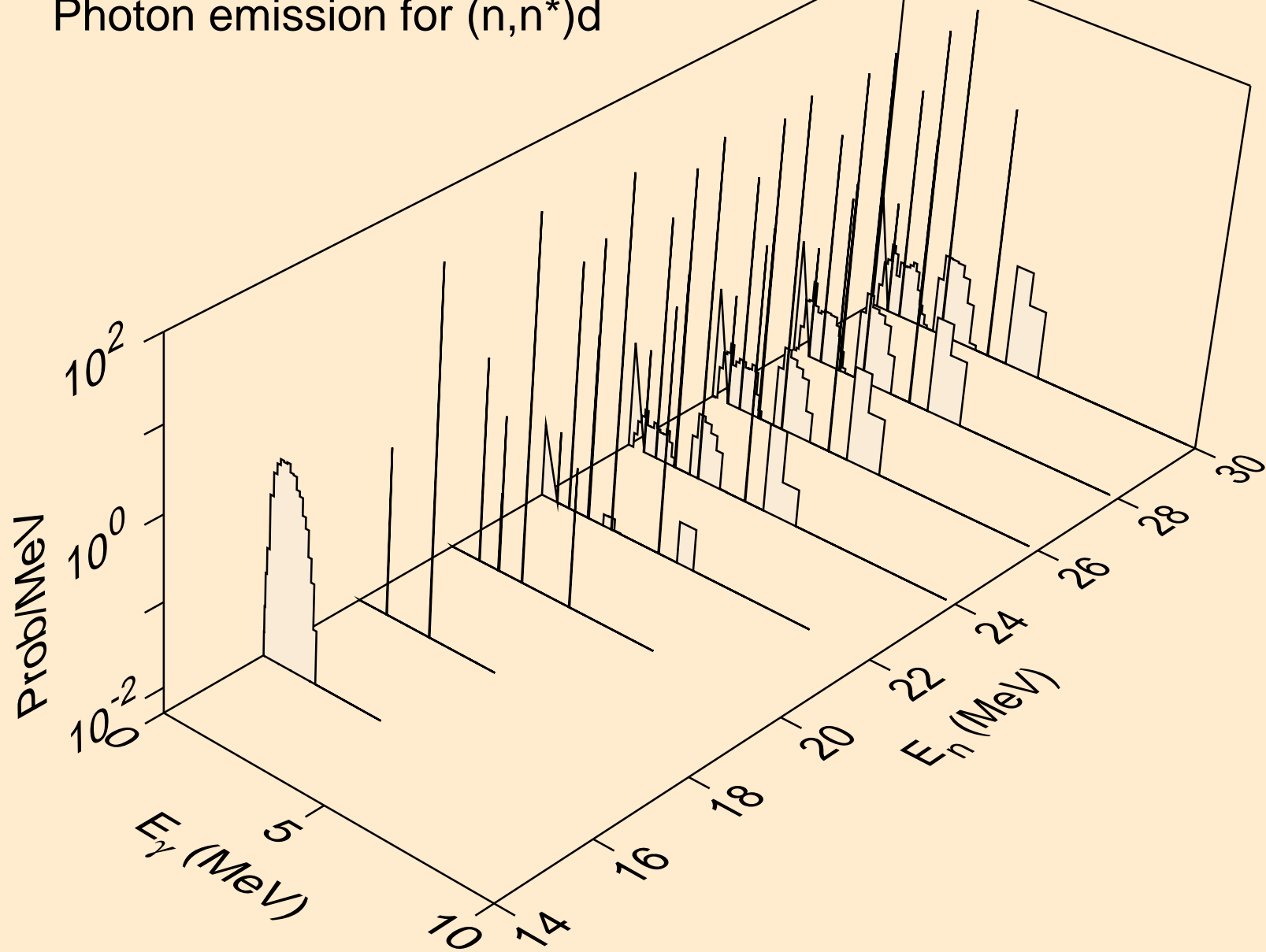
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

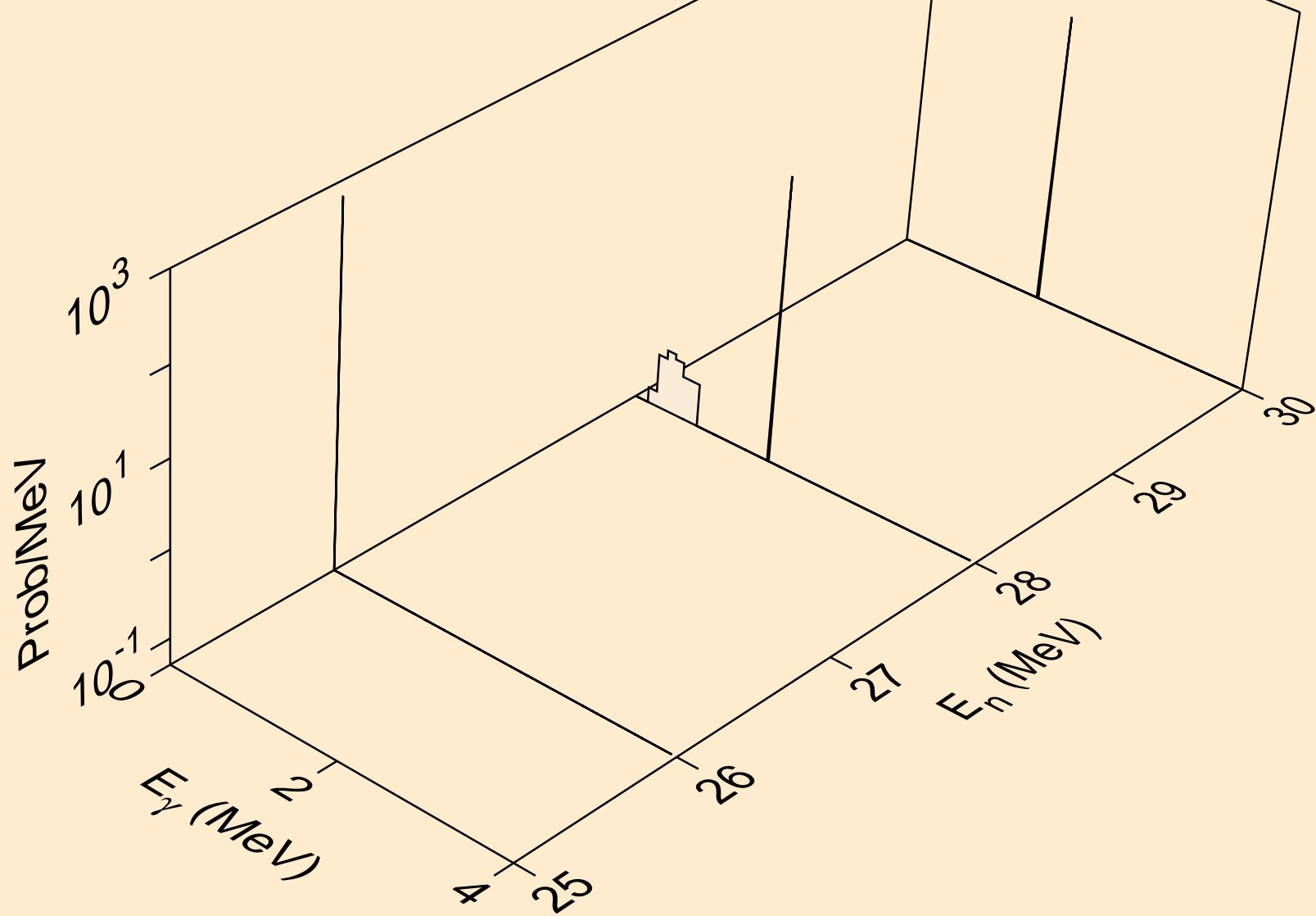


K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

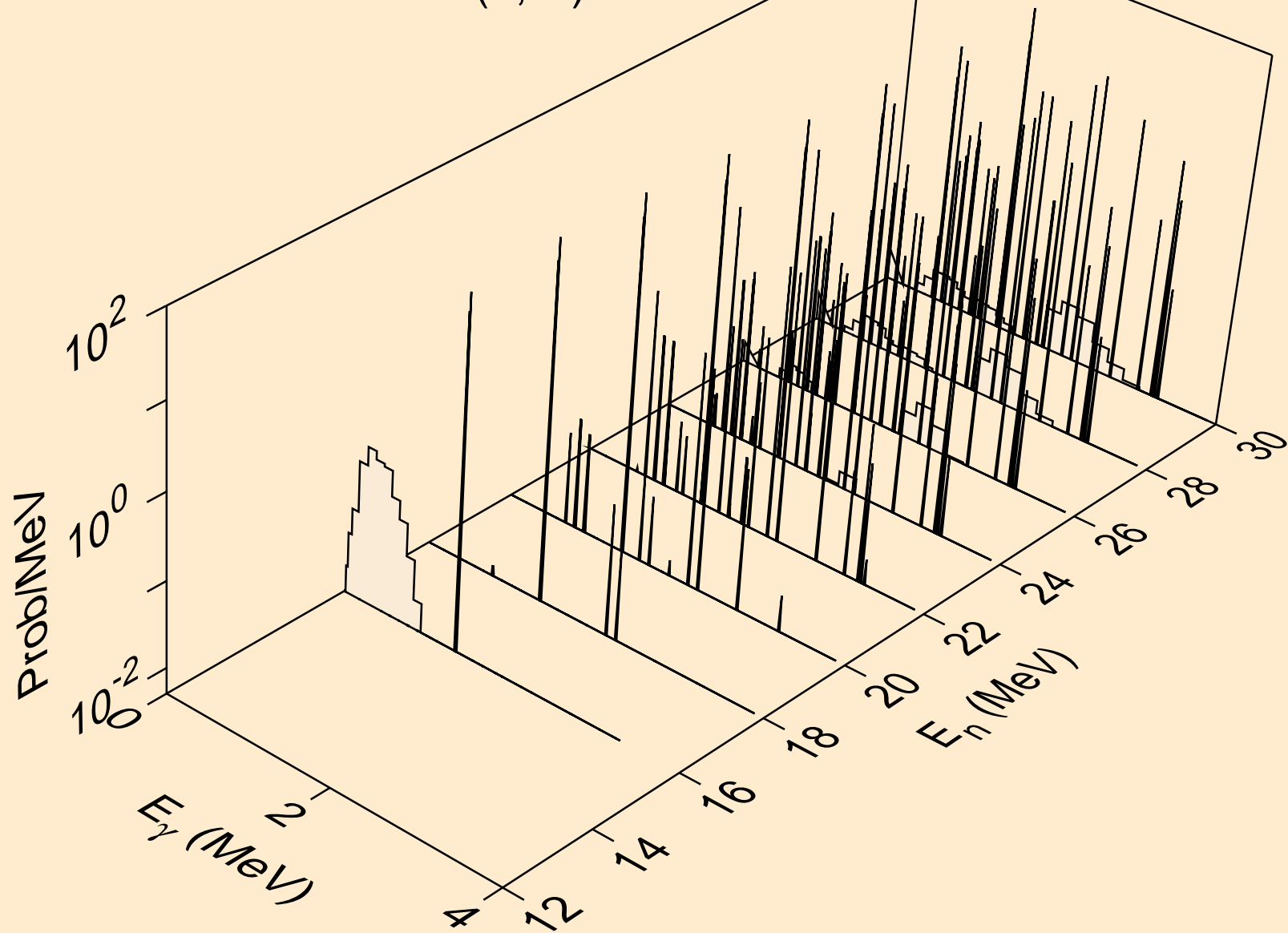




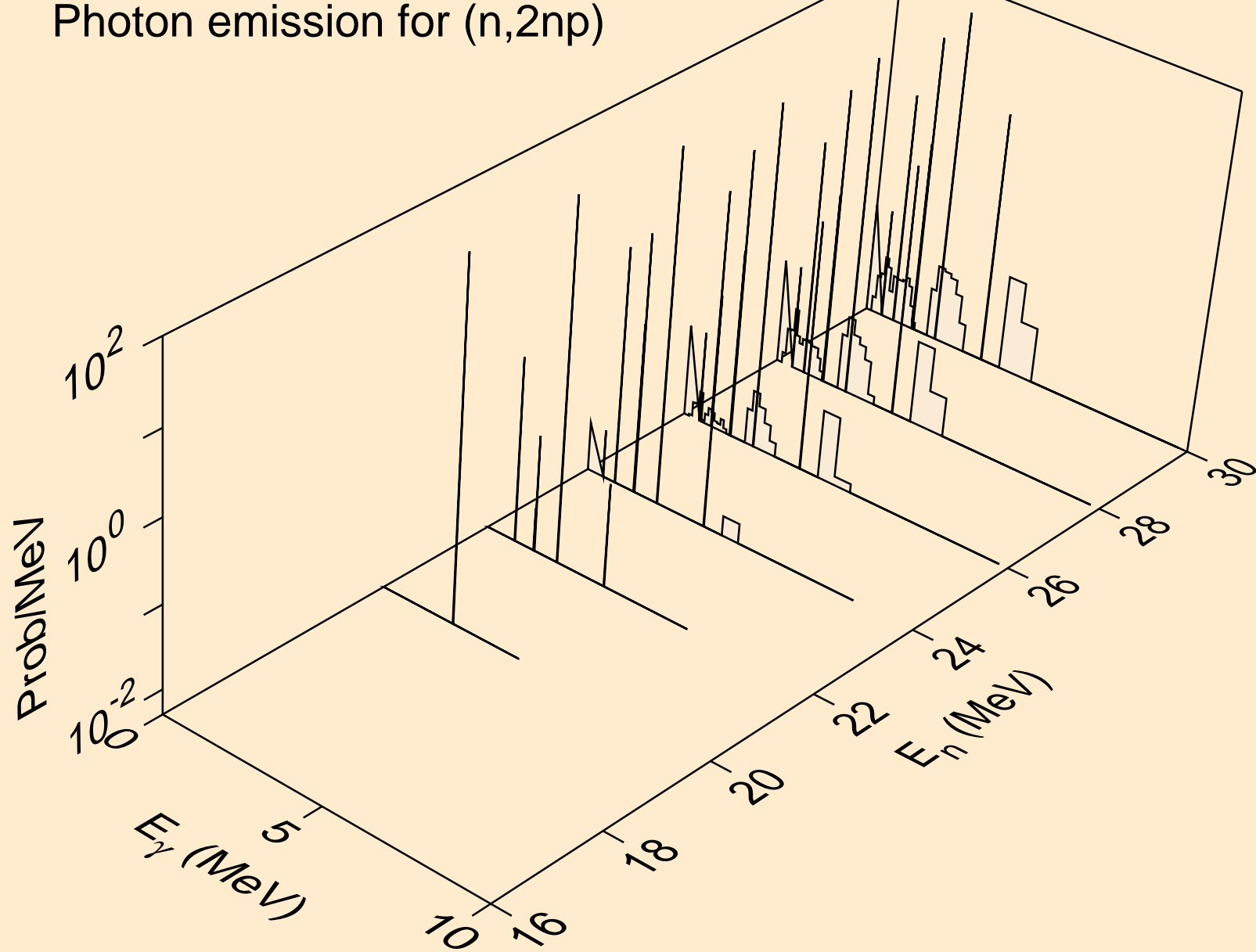
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



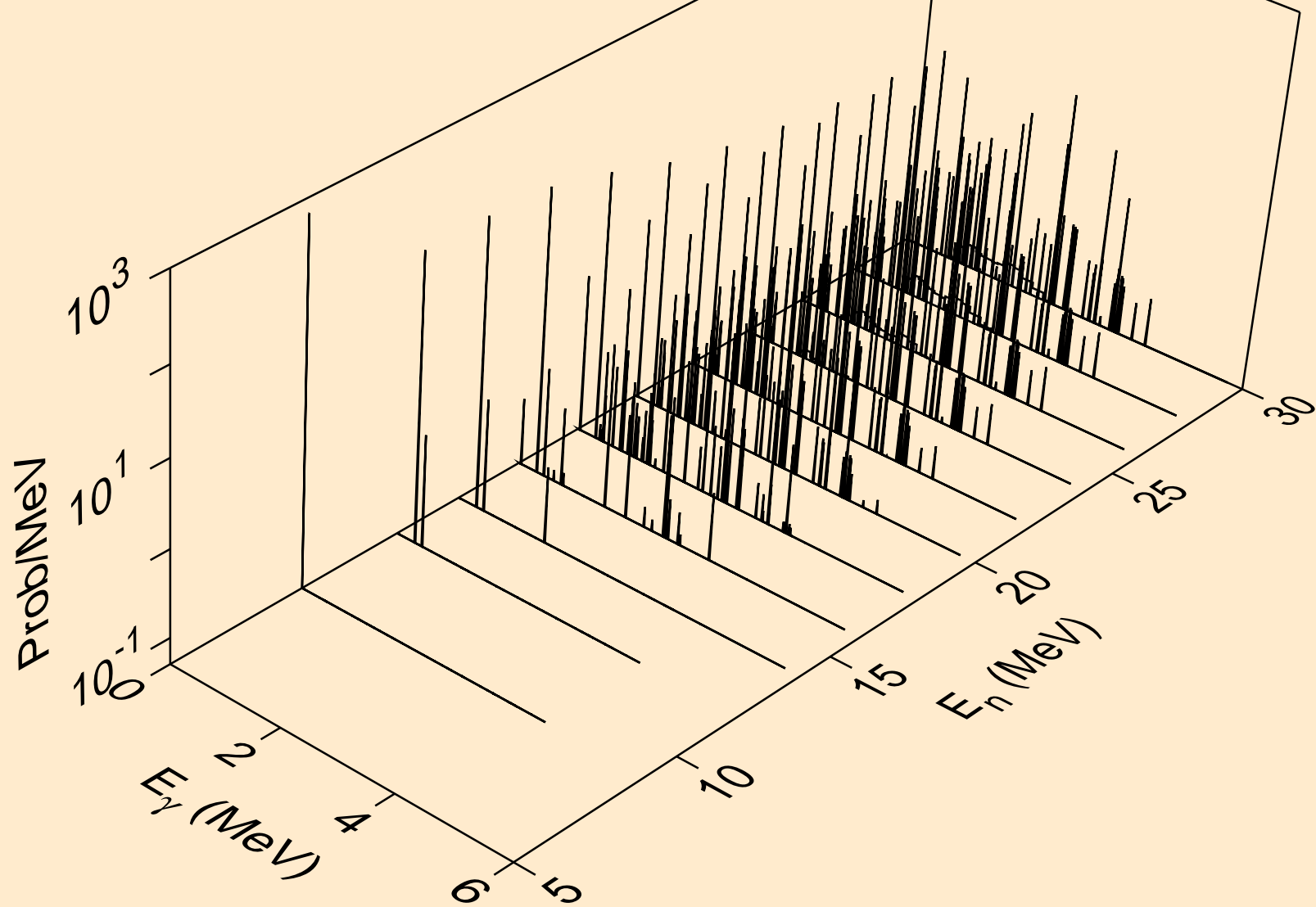
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



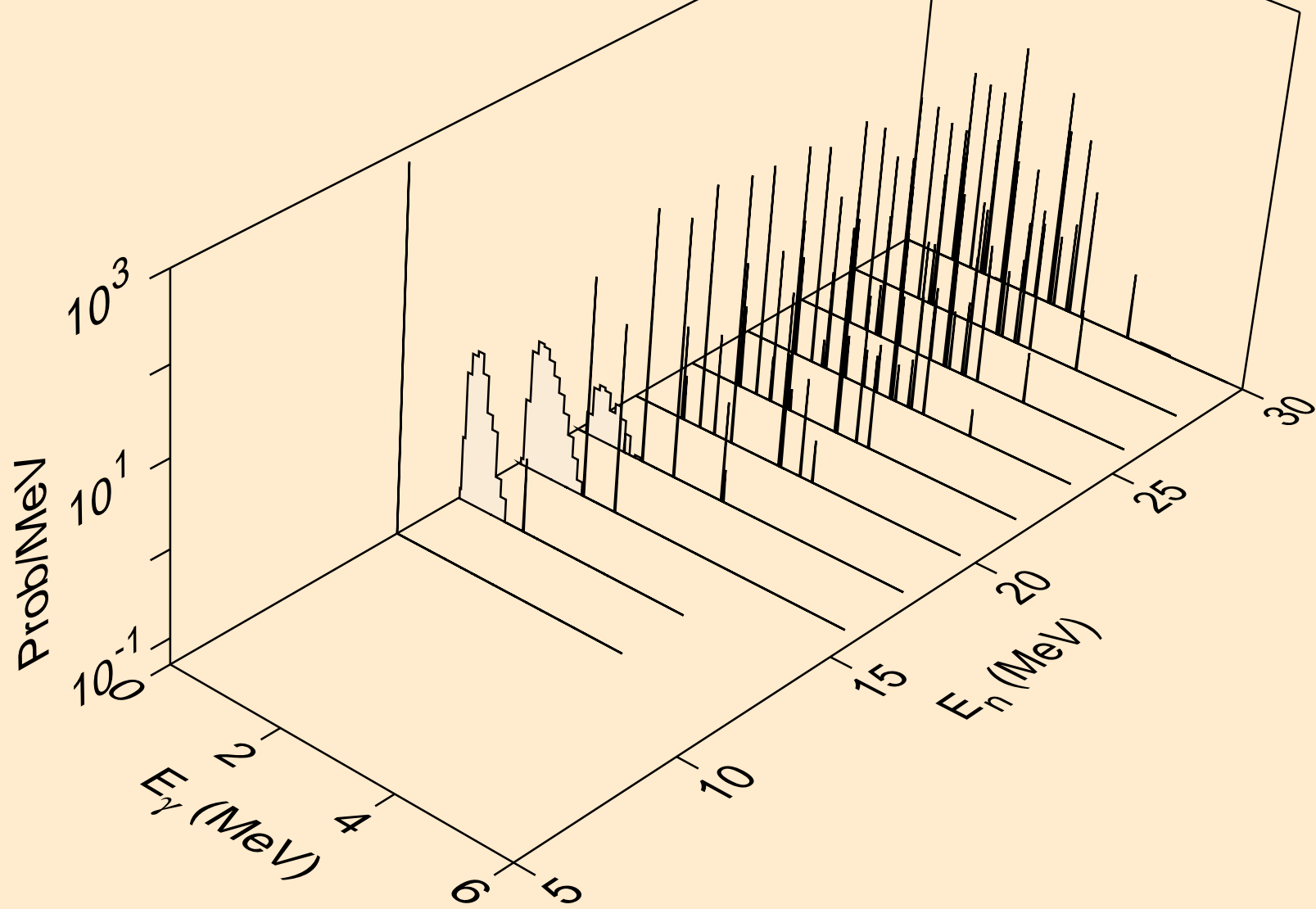
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Photon emission for (n,2np)



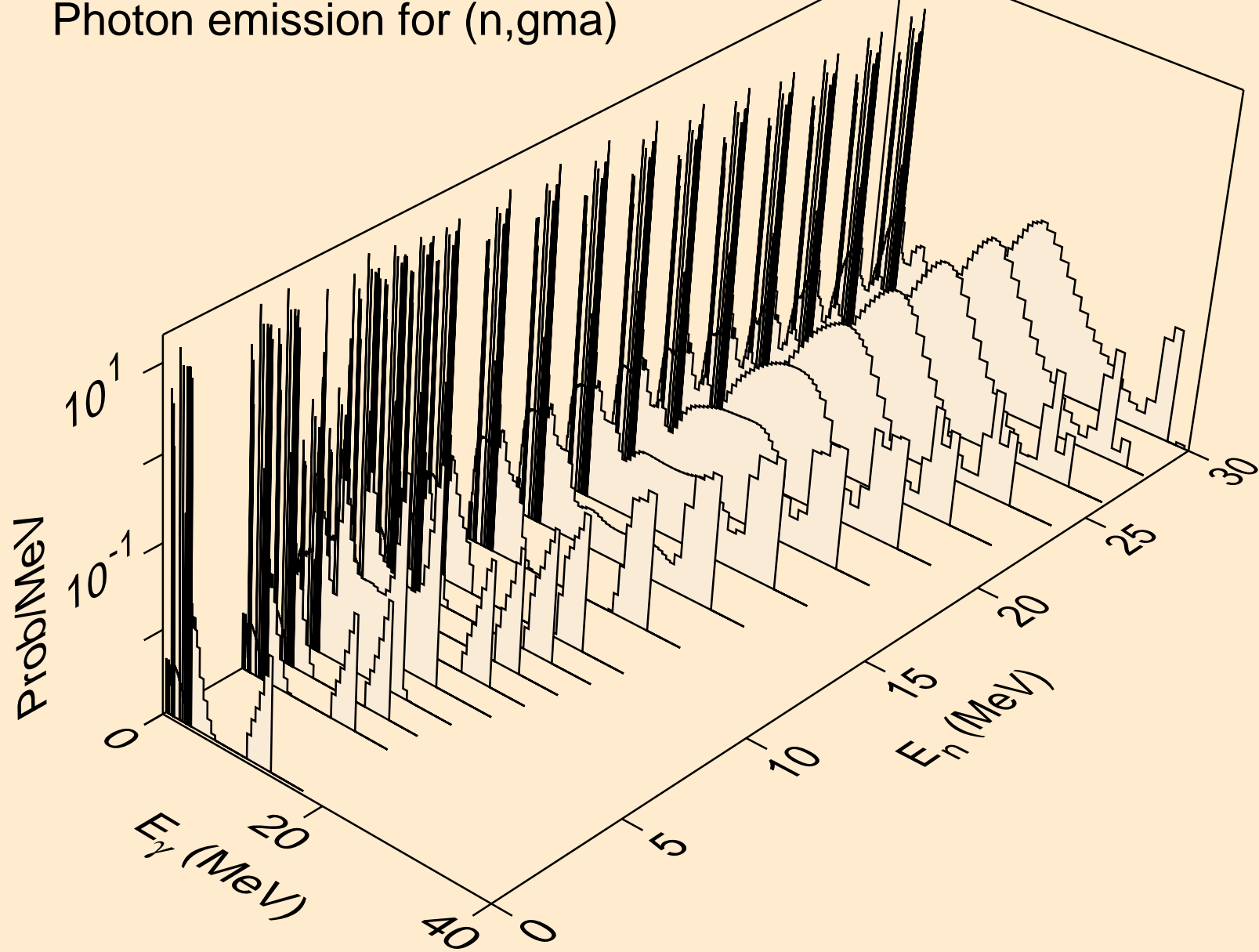
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Photon emission for (n,2np)



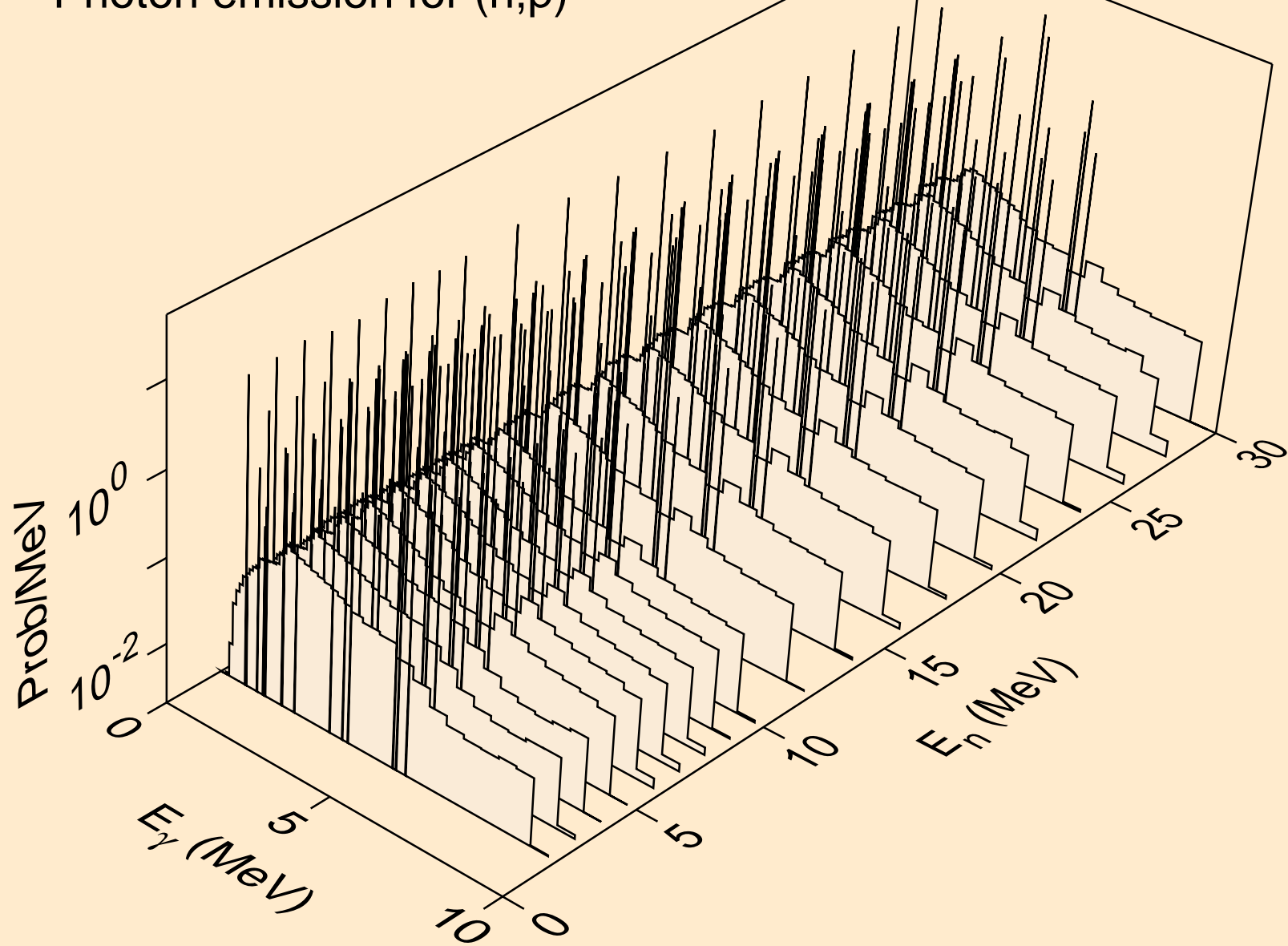
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Photon emission for (n,npa)



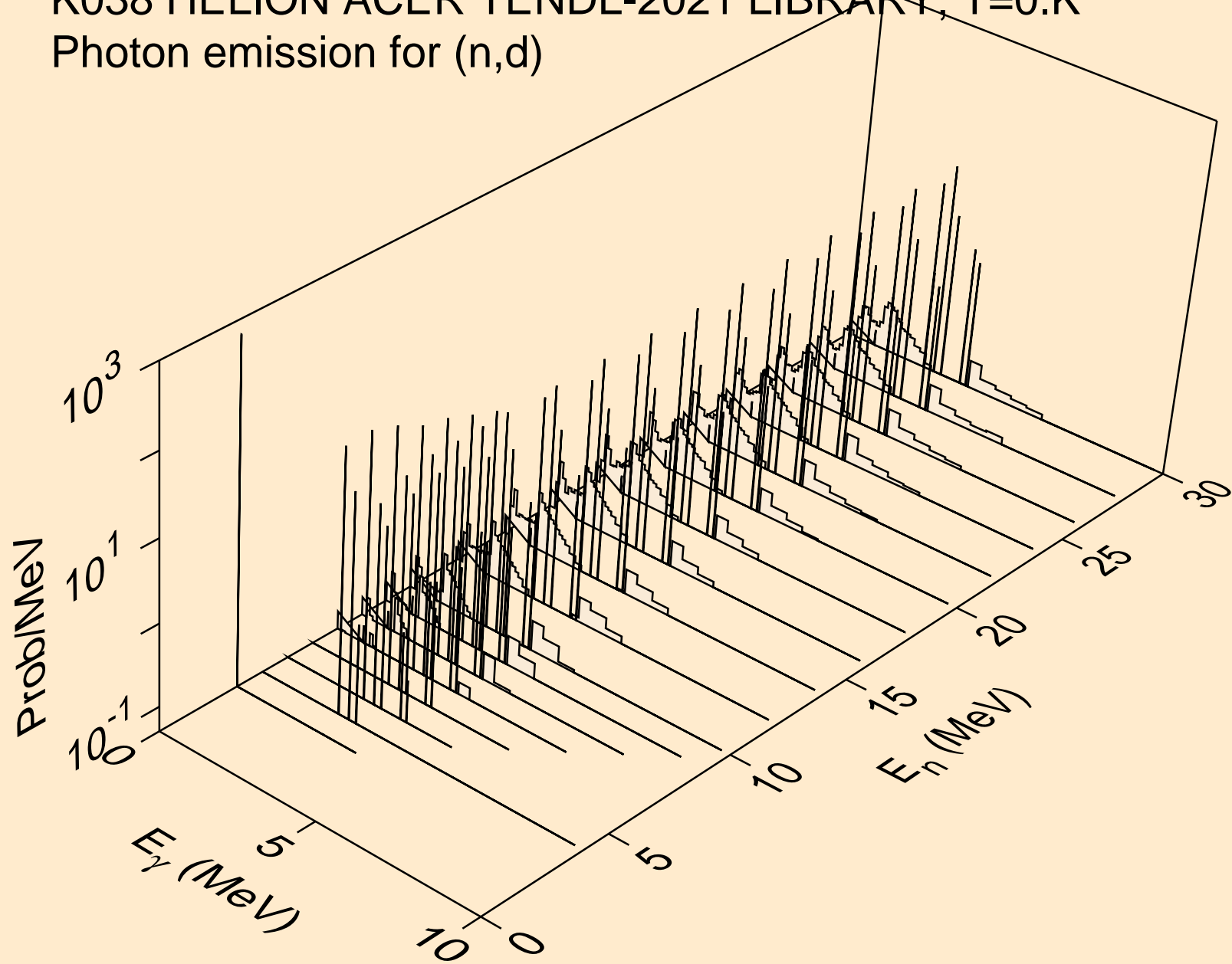
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

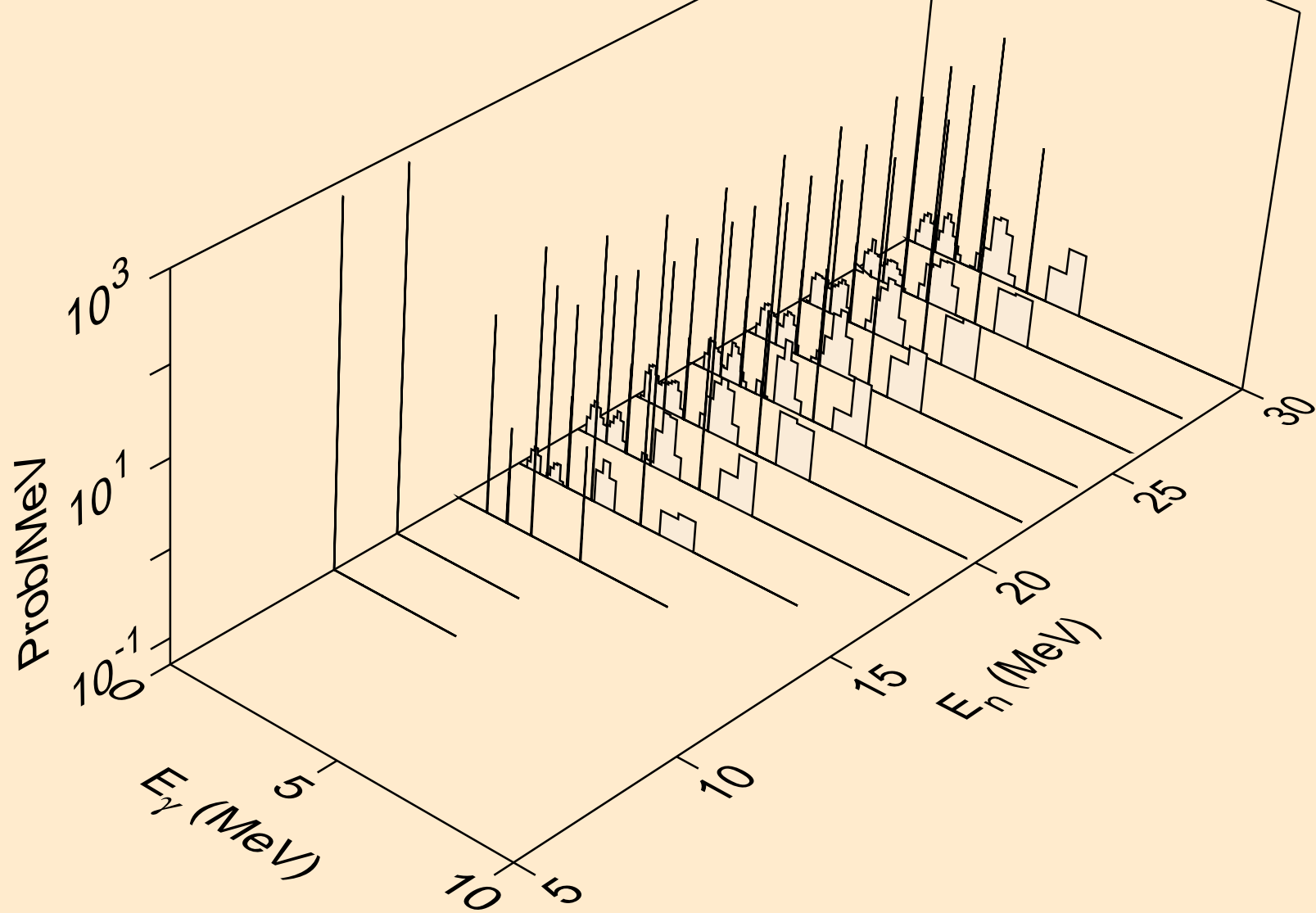


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Photon emission for (n,d)

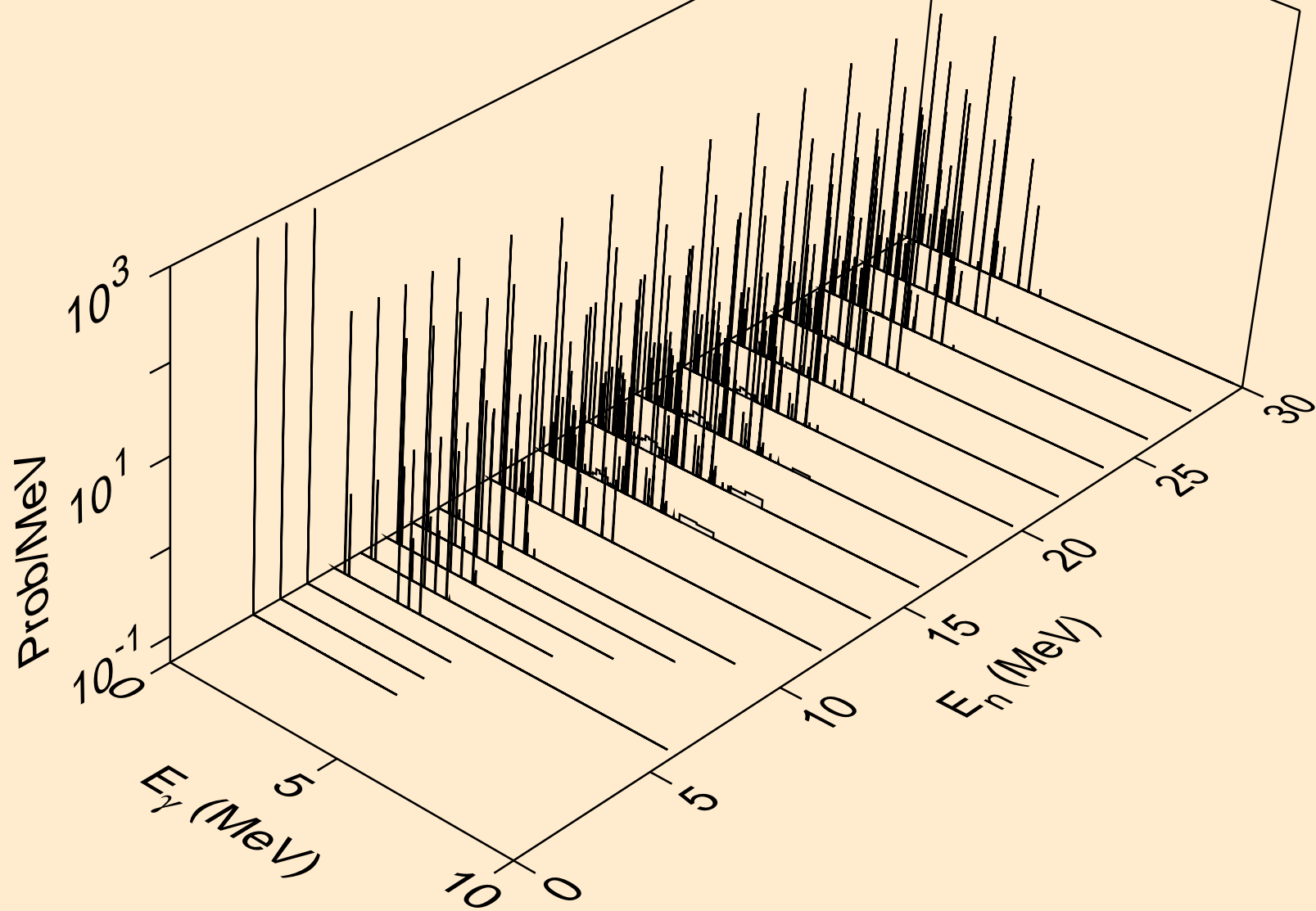




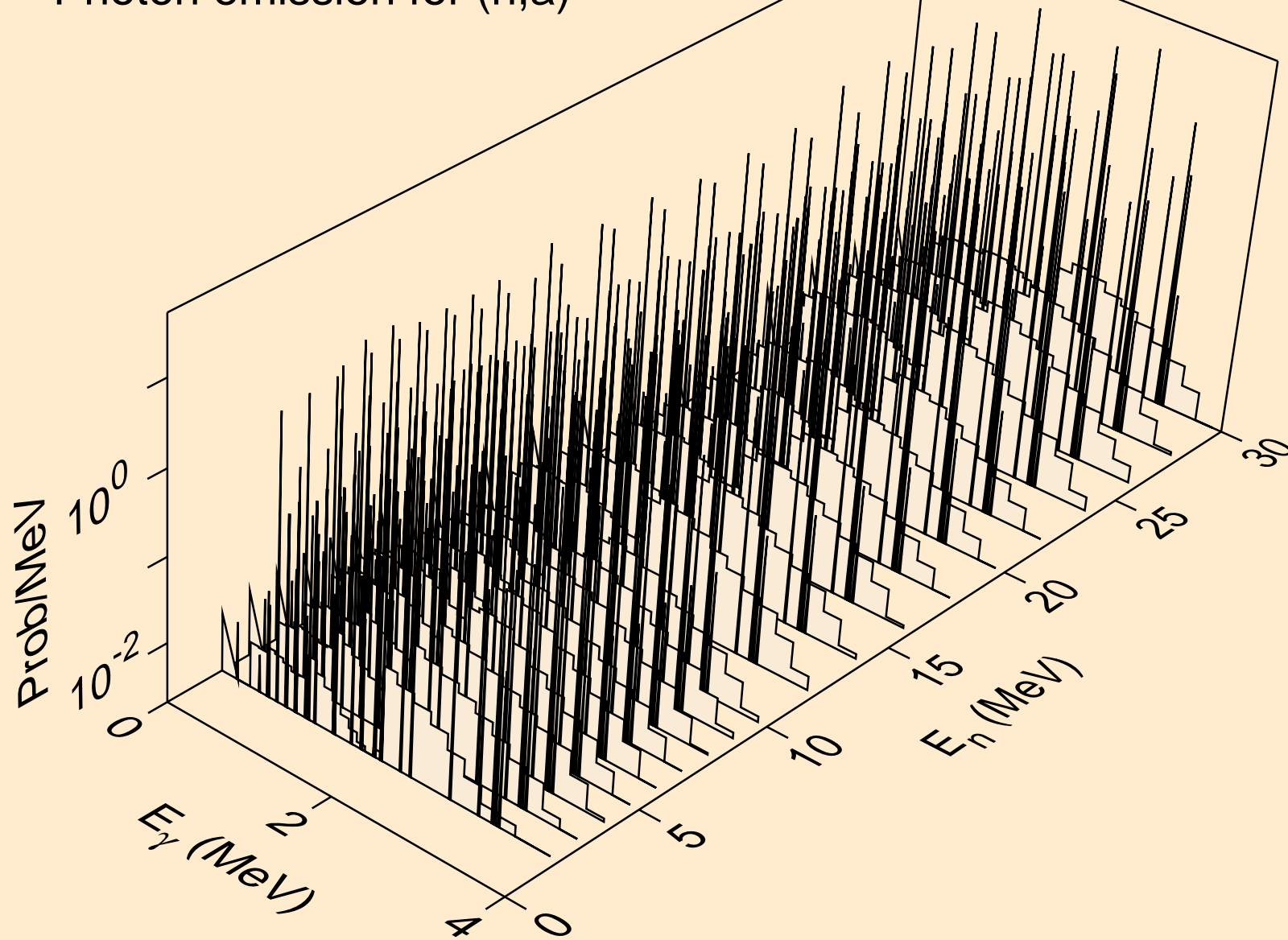
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Photon emission for (n,t)



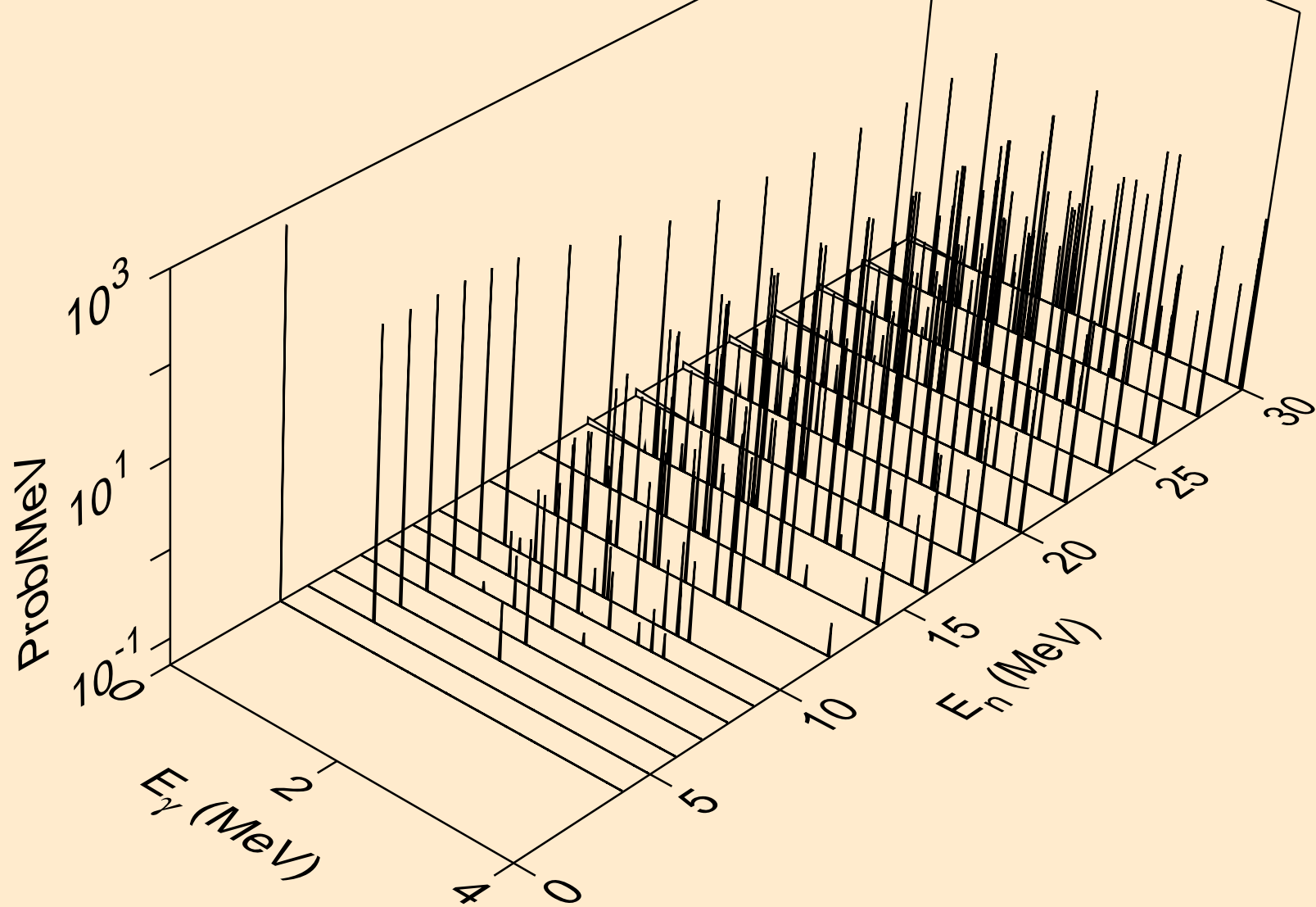
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



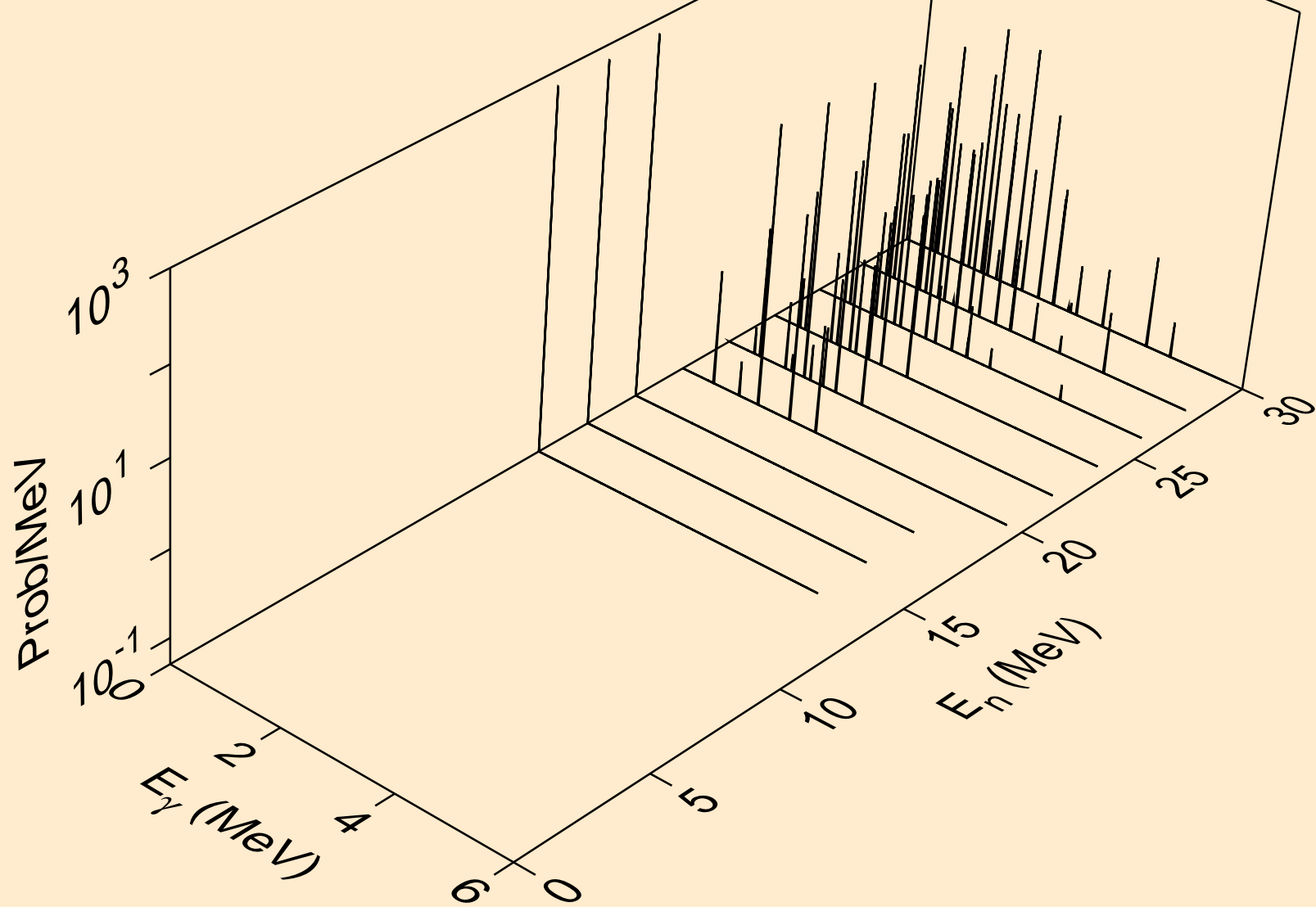
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Photon emission for (n,a)



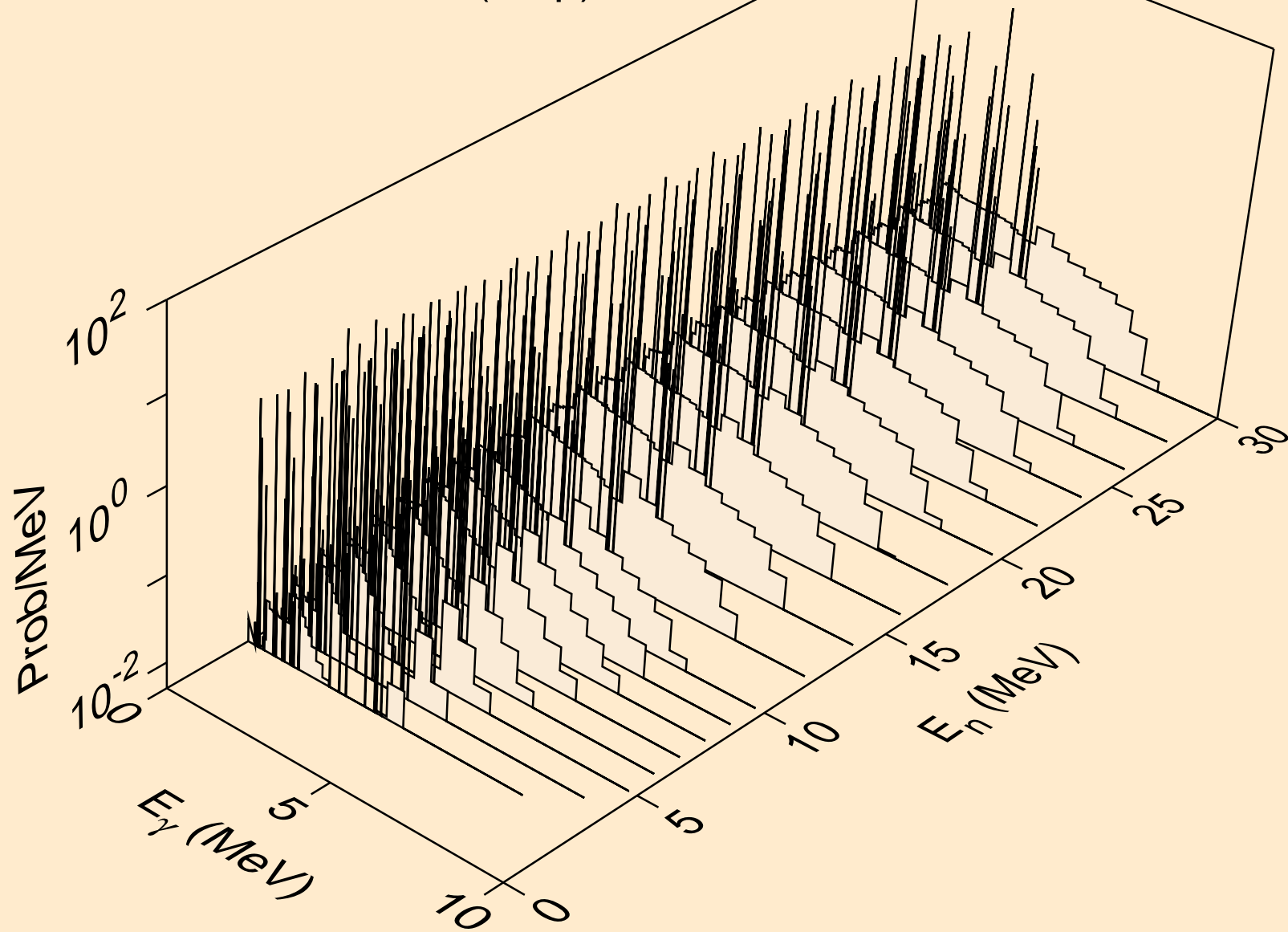
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Photon emission for (n,2a)



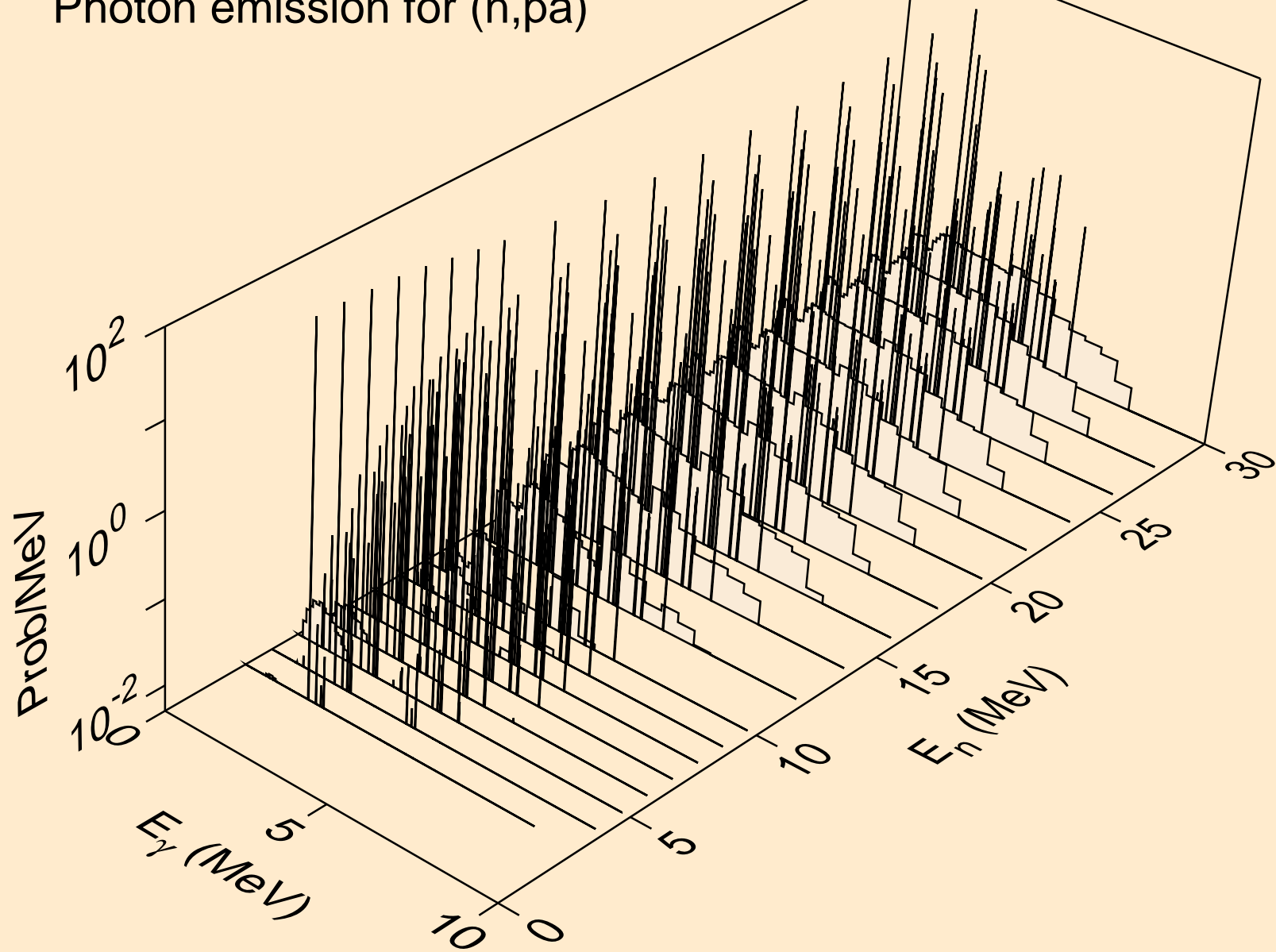
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Photon emission for (n,3a)



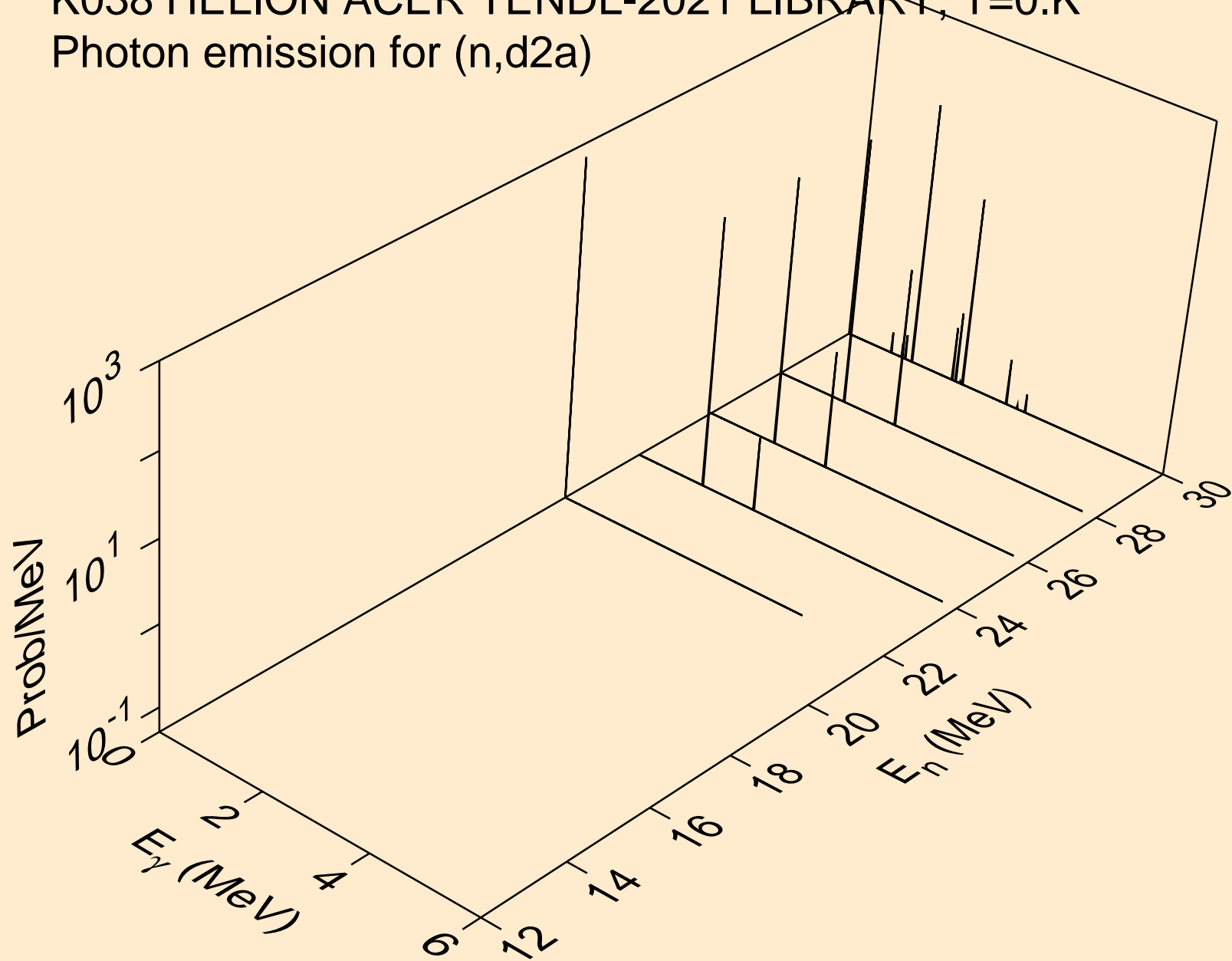
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

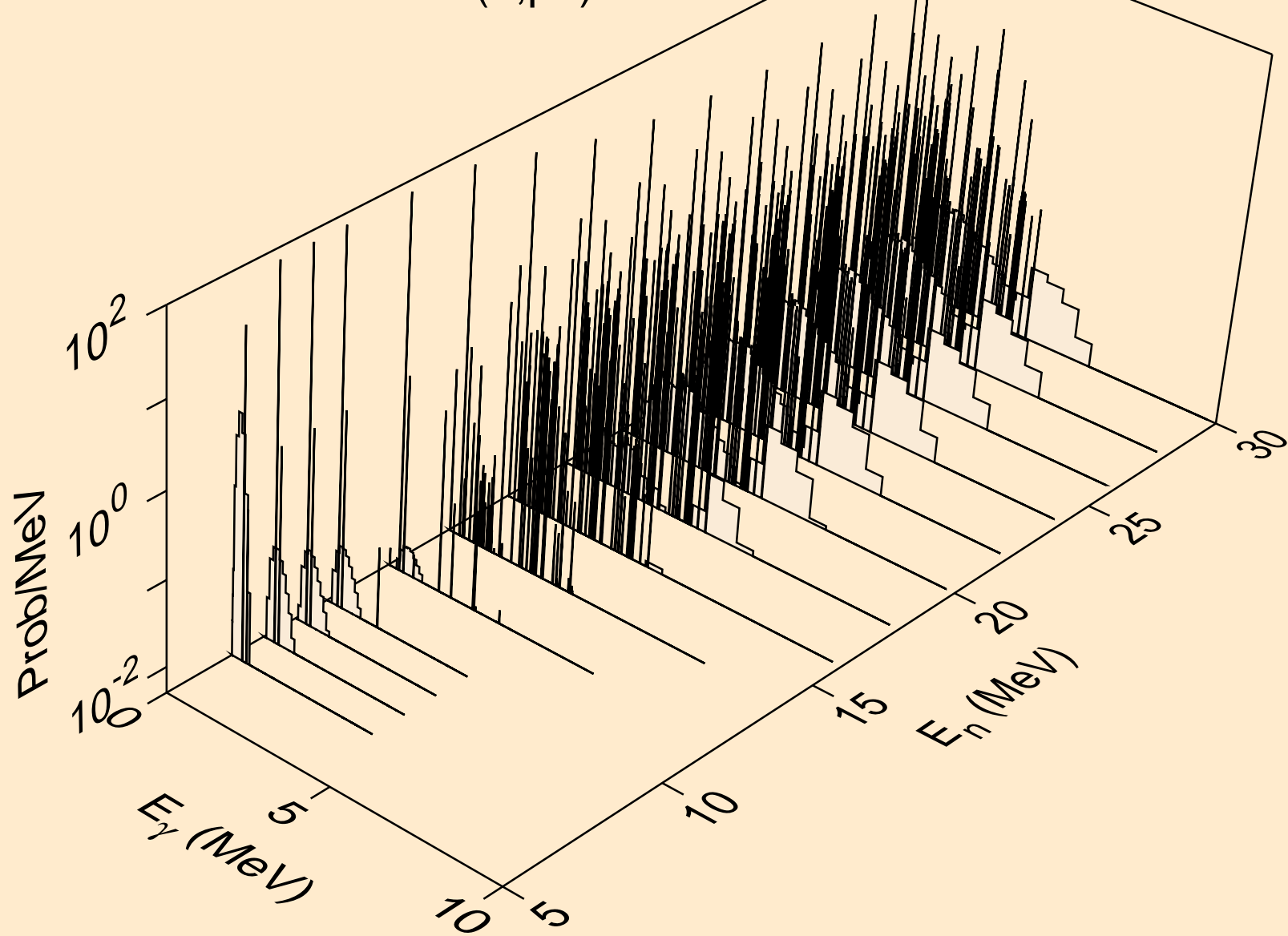


K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d2a)

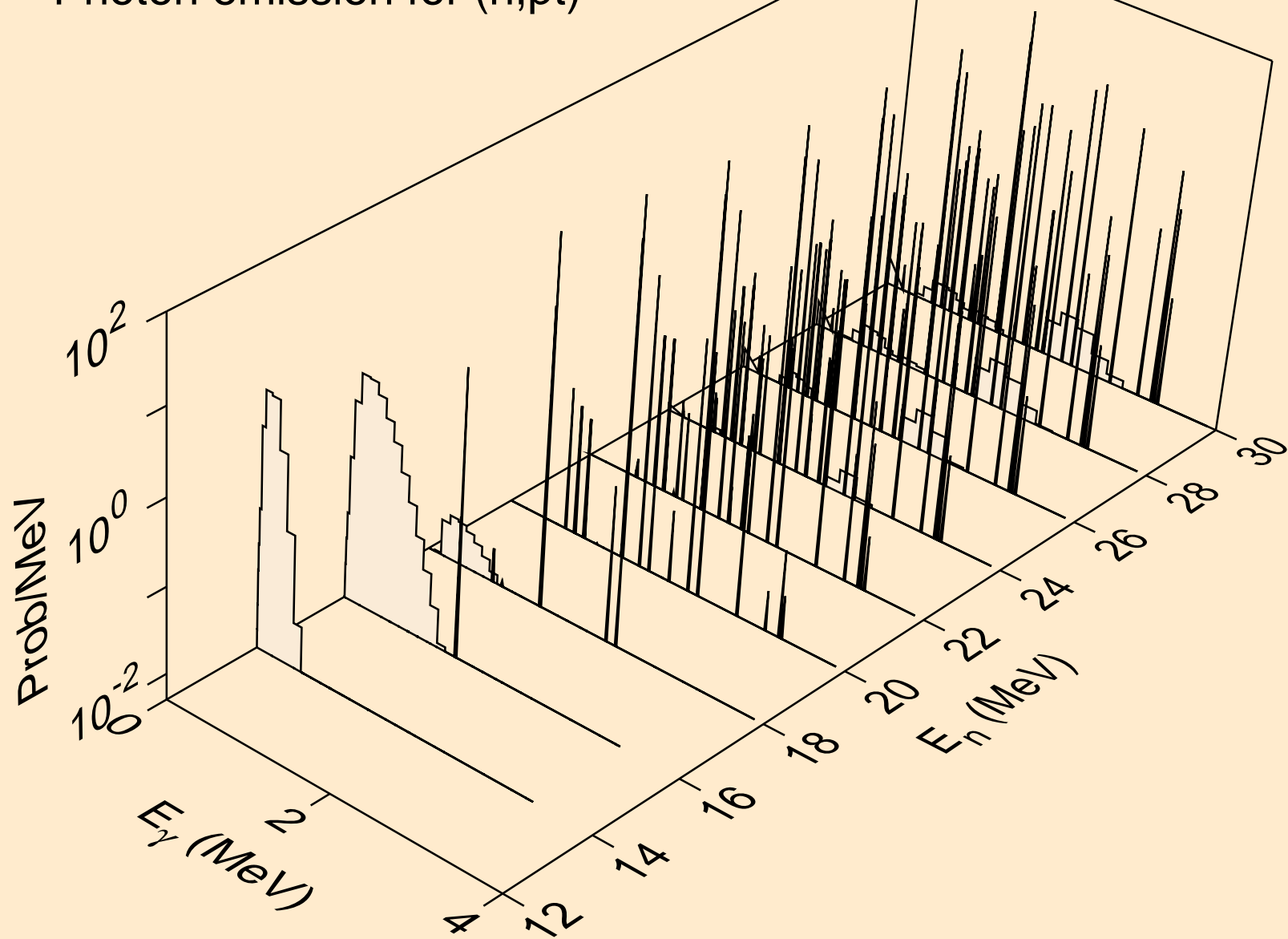




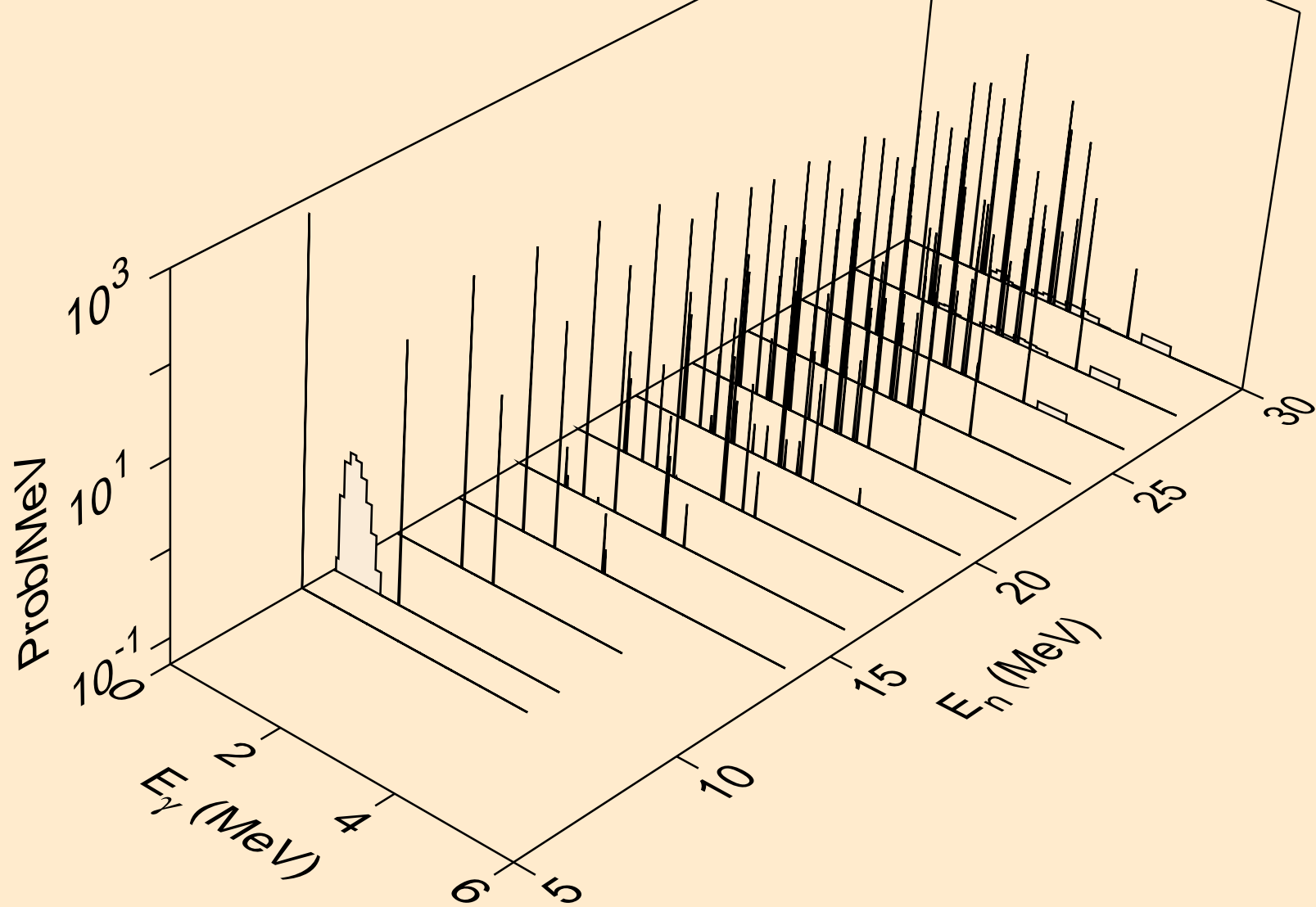
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Photon emission for (n,pd)



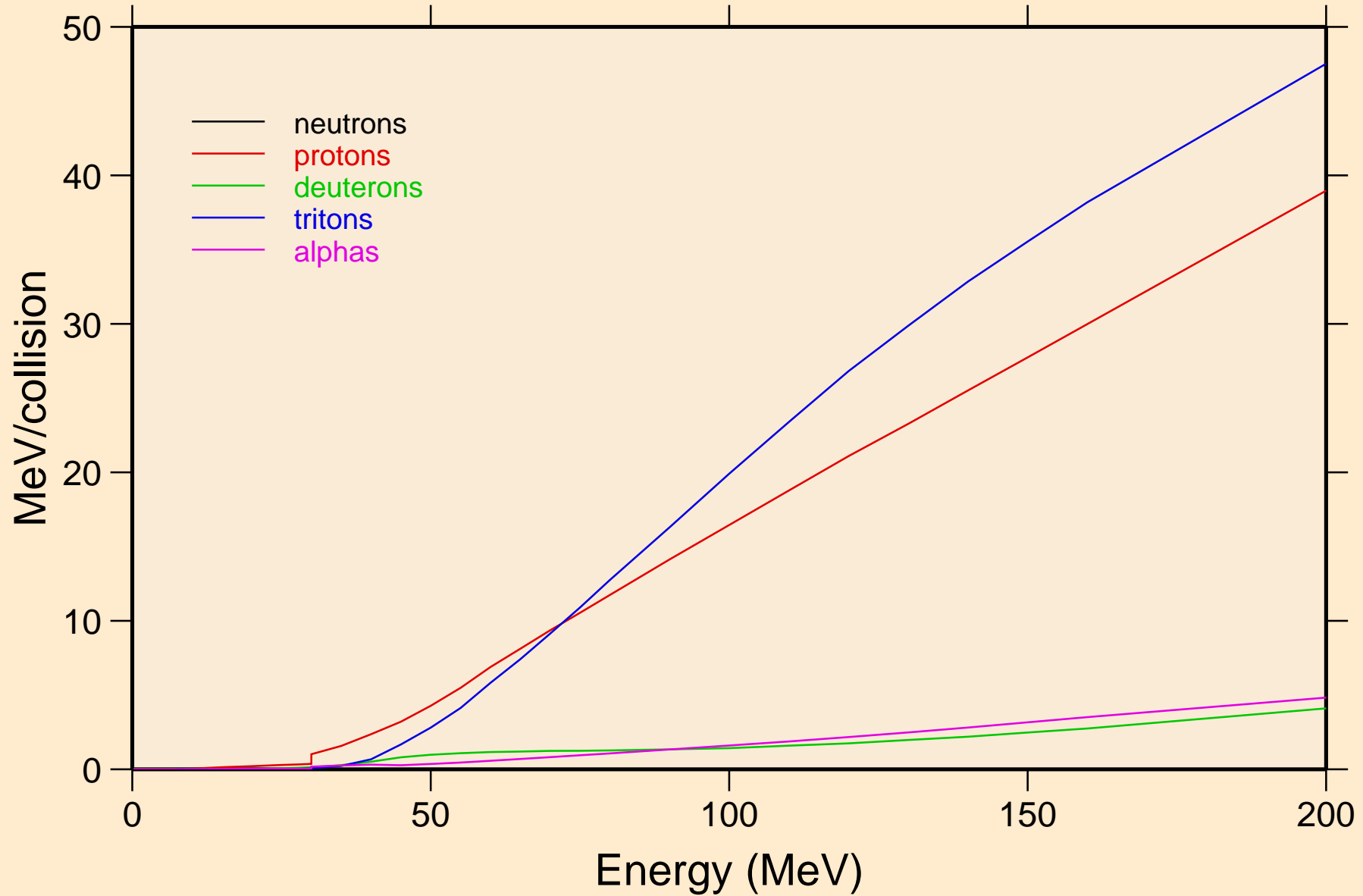
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

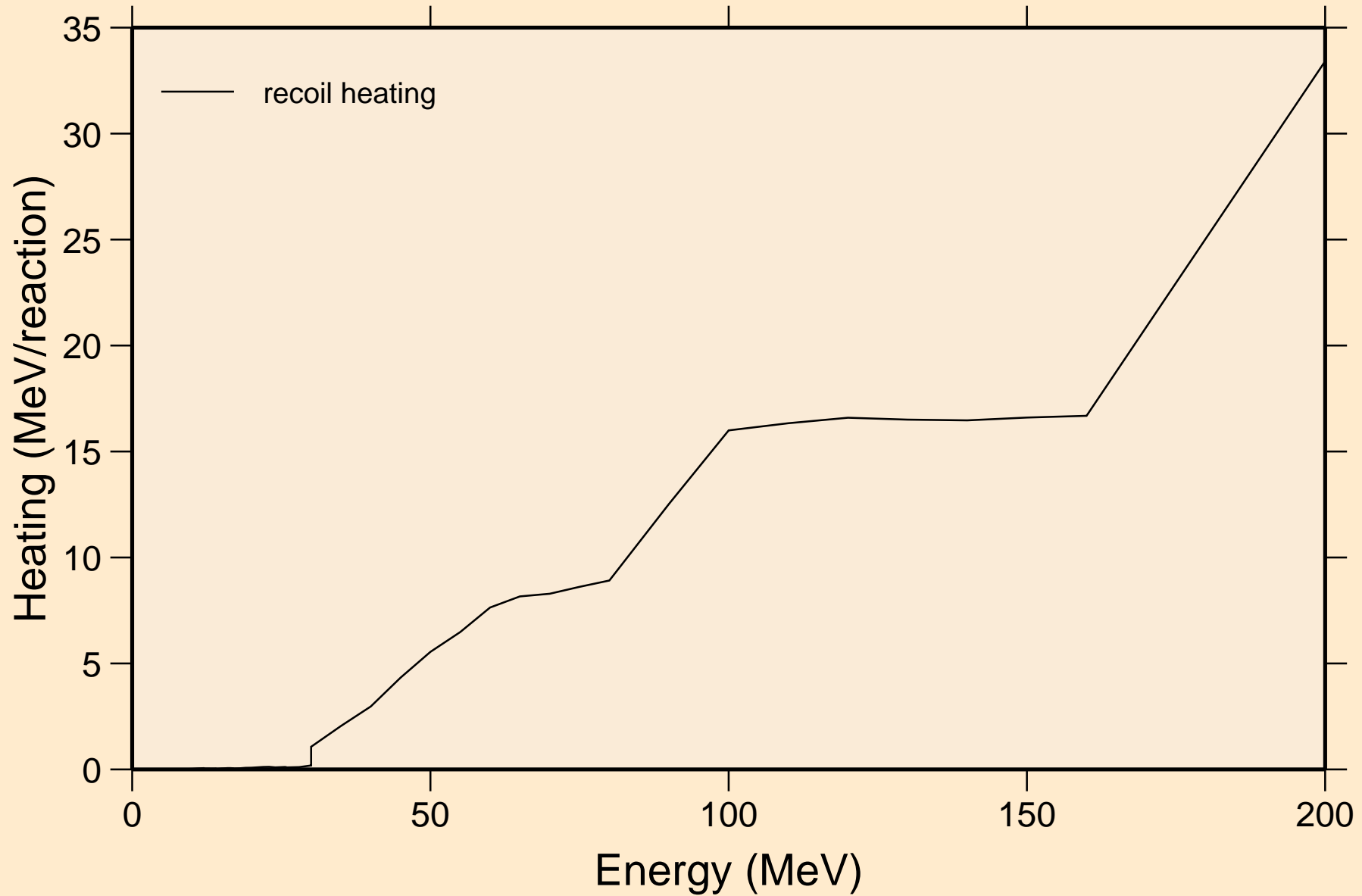


K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



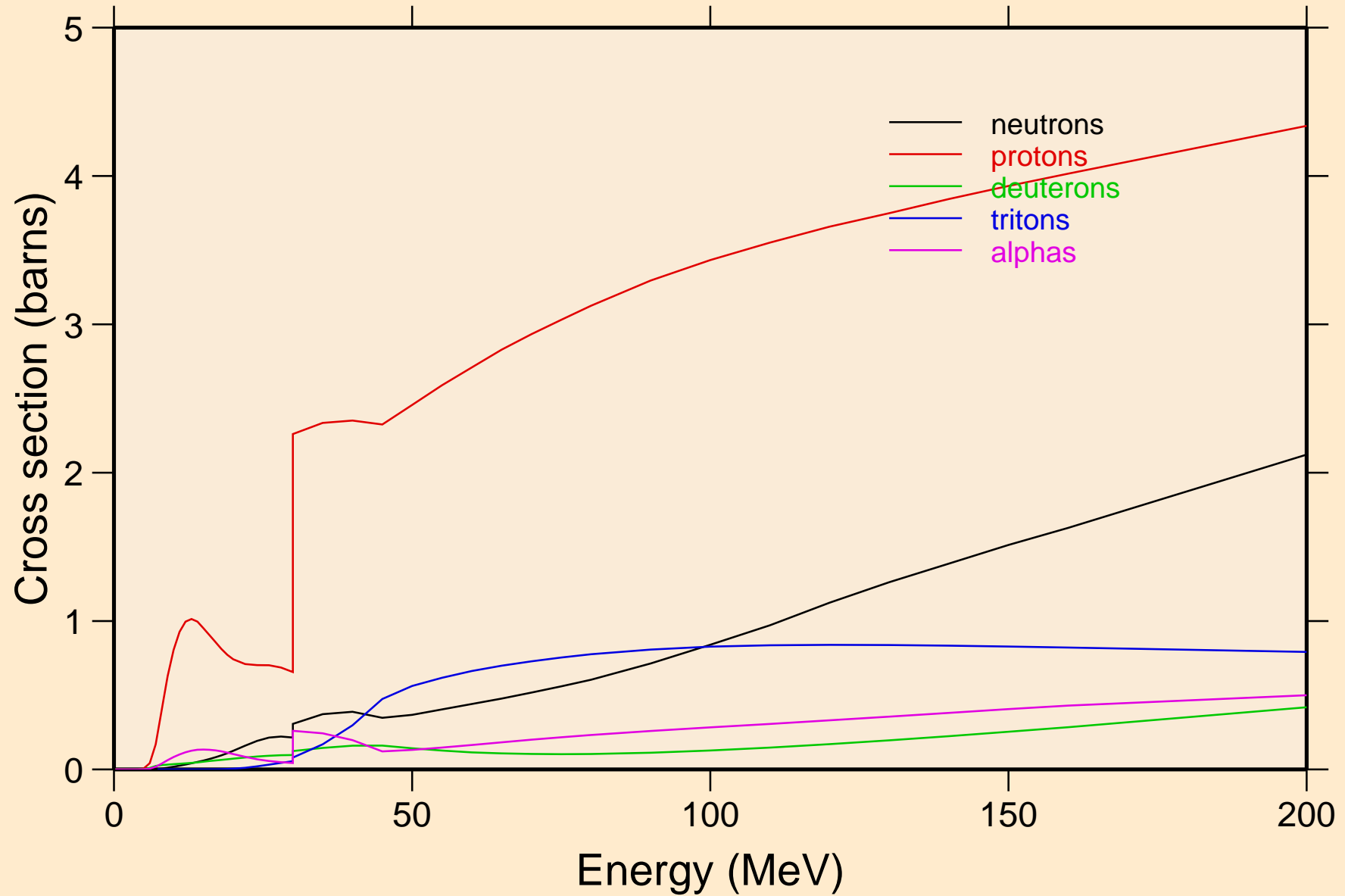
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

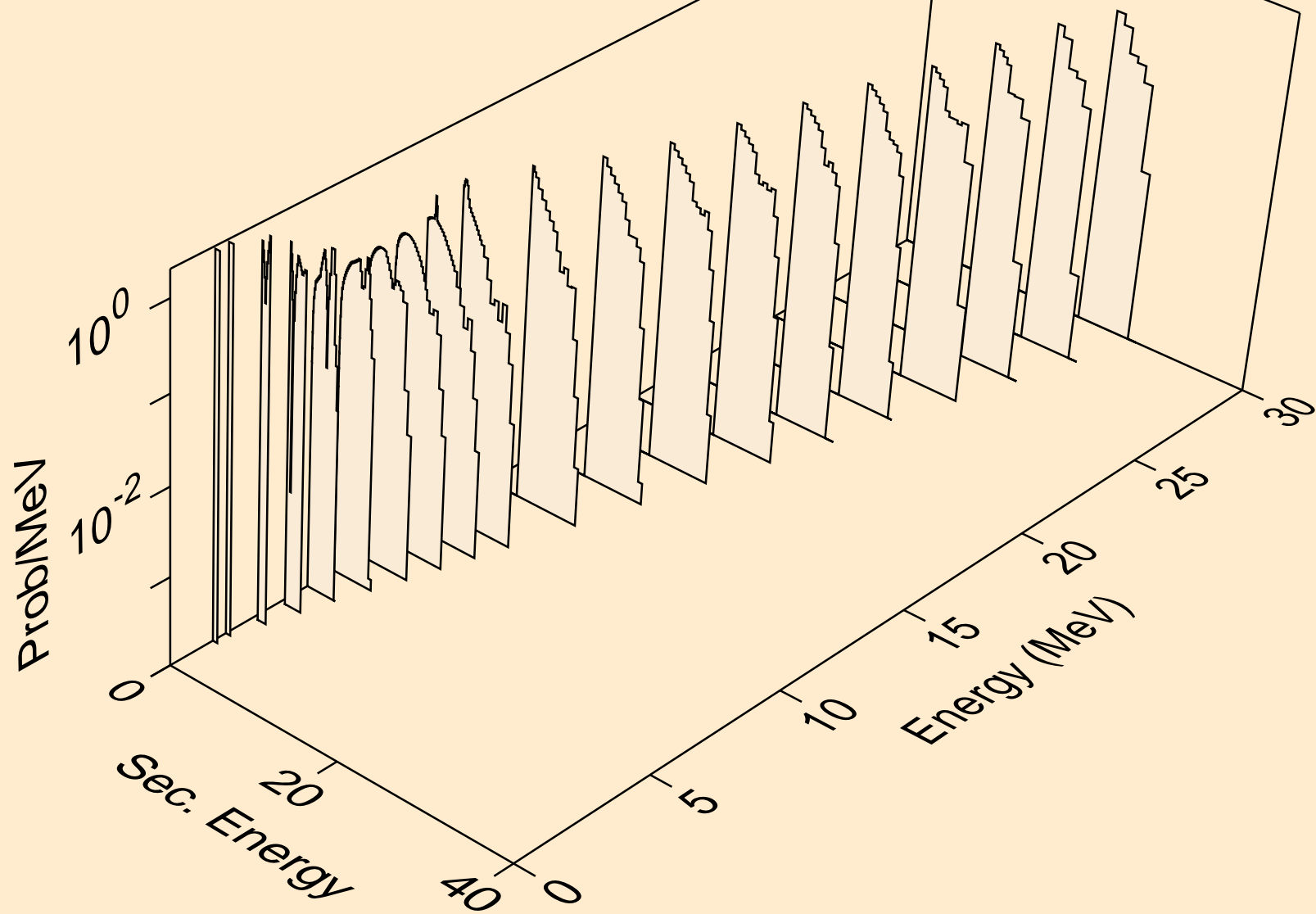


# K038 HELION ACER TENDL-2021 LIBRARY; T=0.K

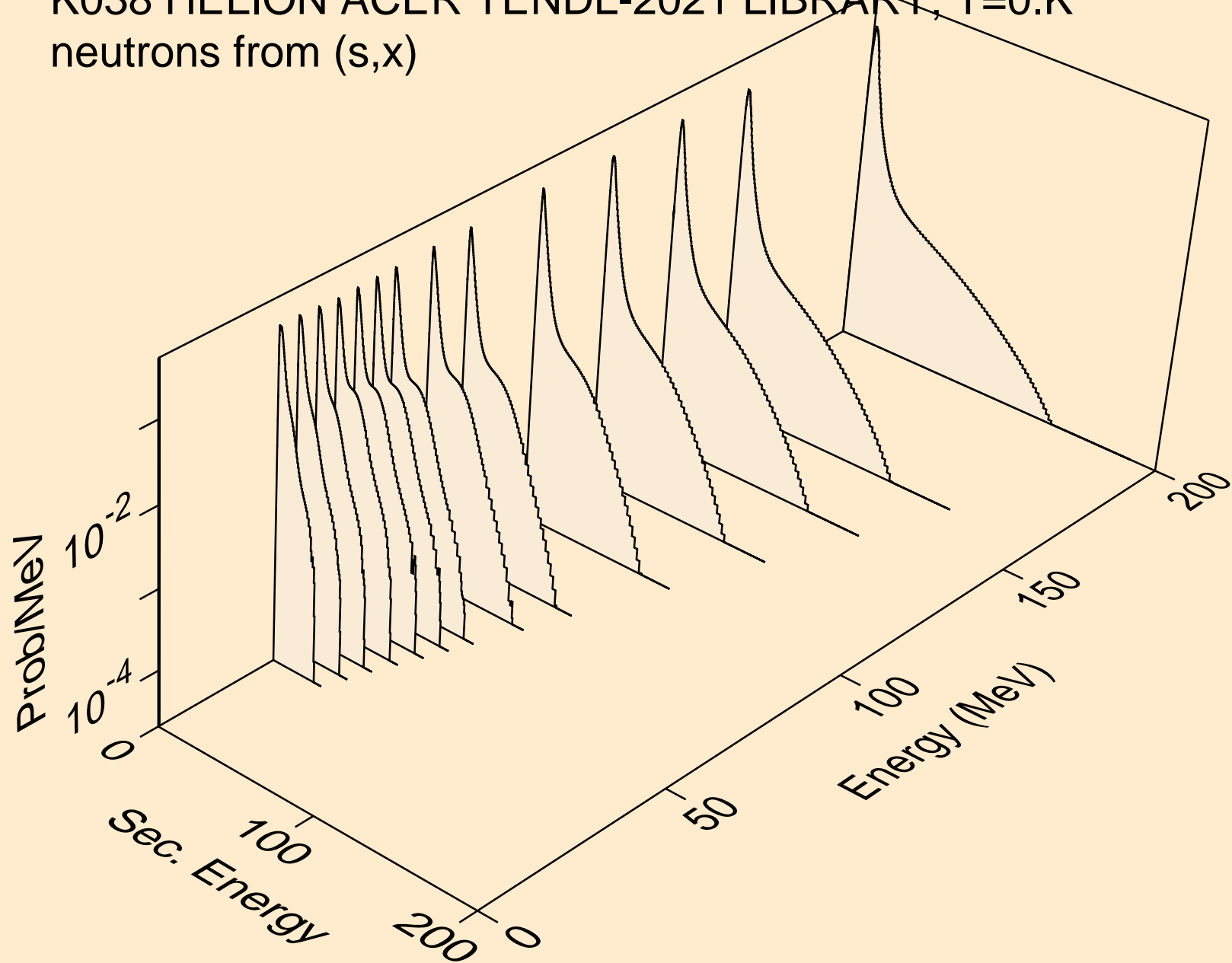
## Particle production cross sections



K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

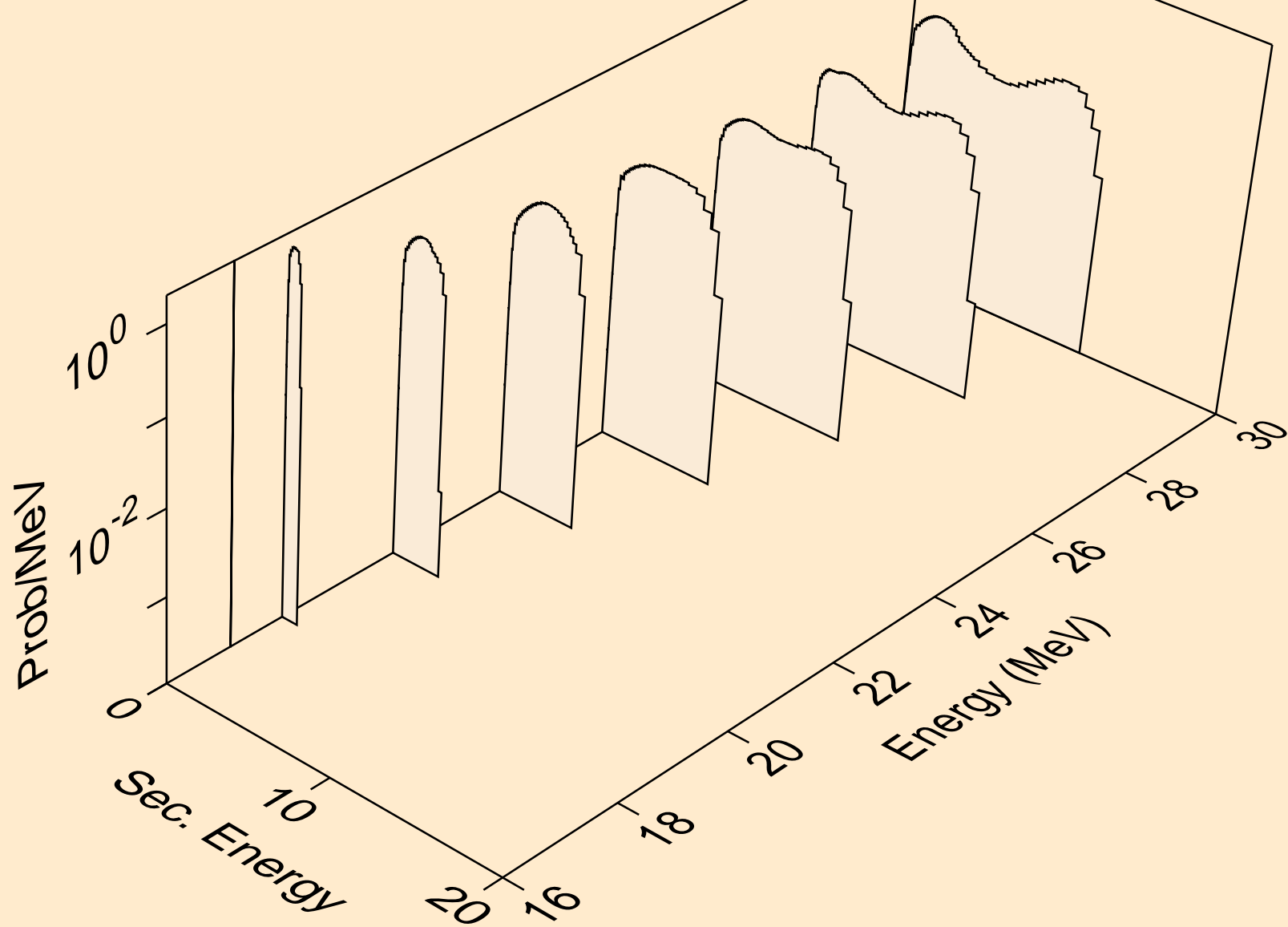


K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)

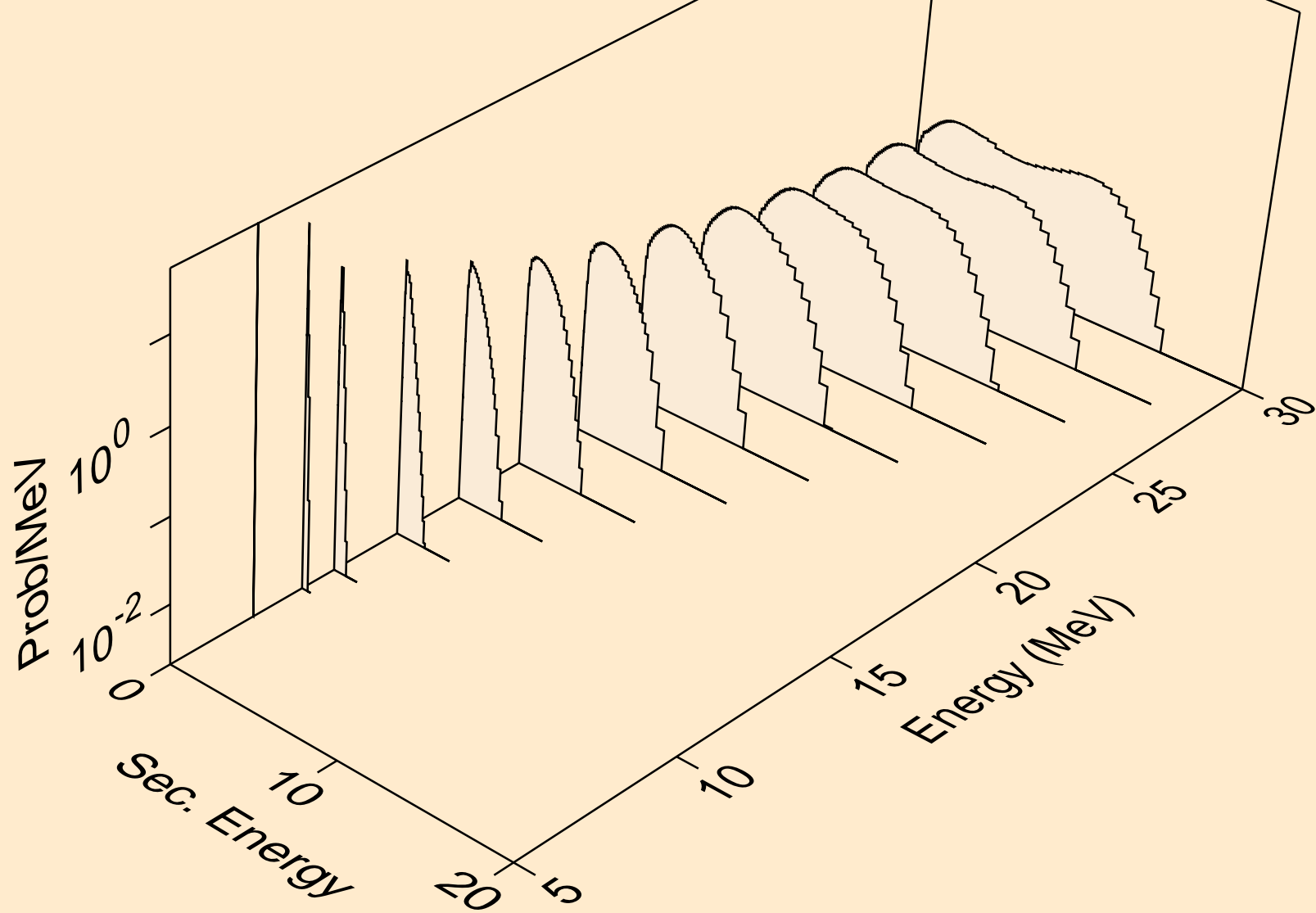




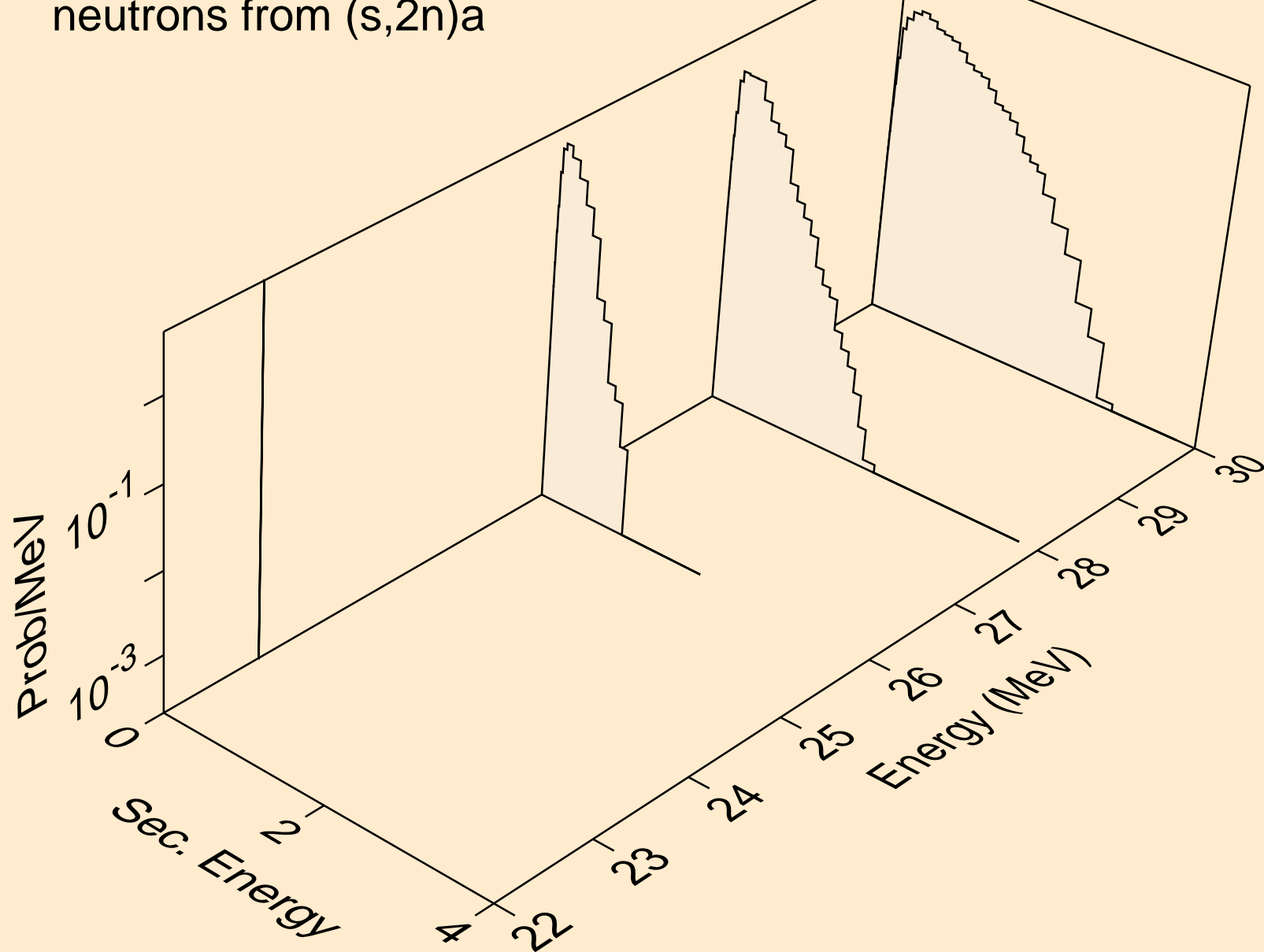
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neutrons from (s,2n)



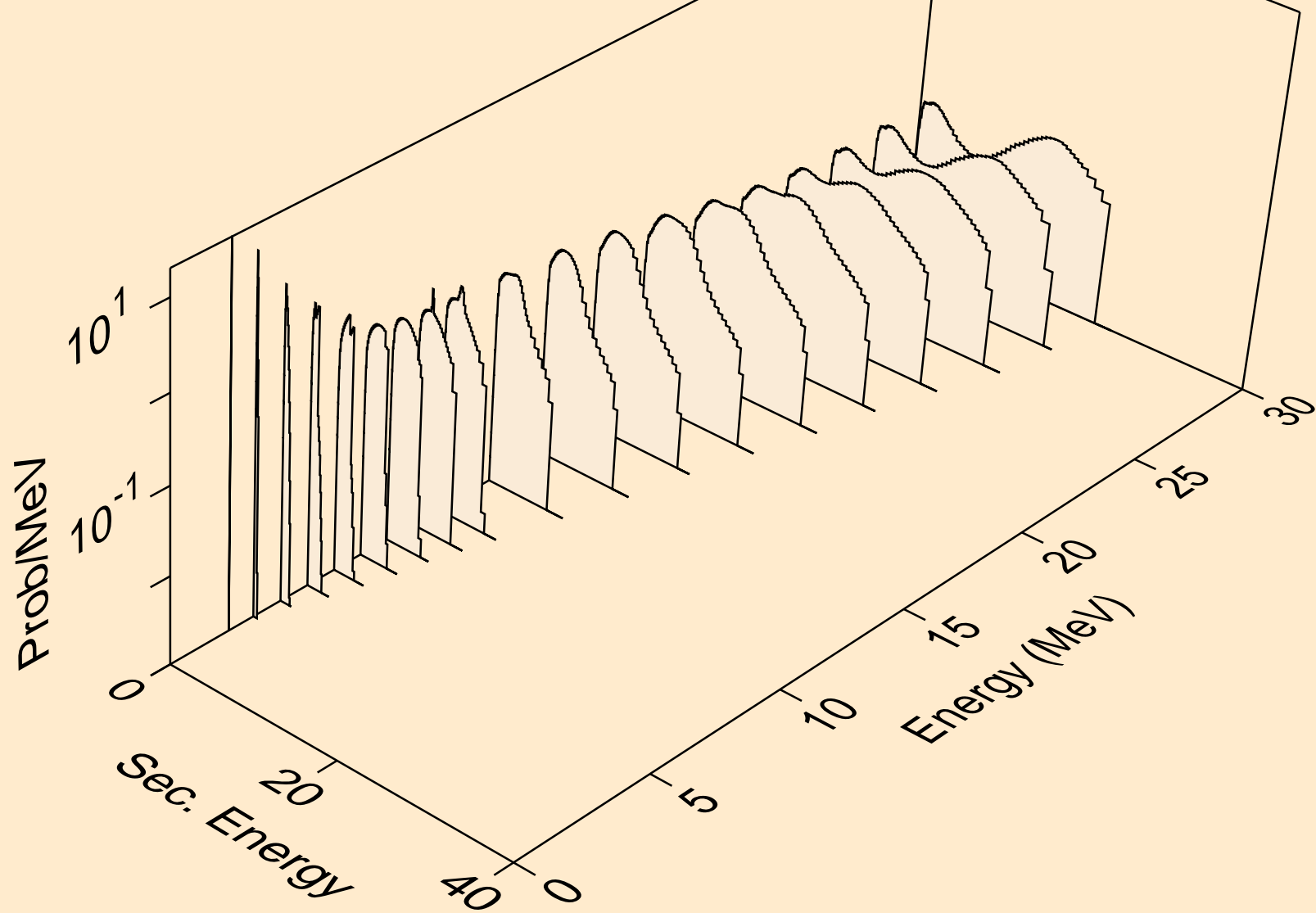
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



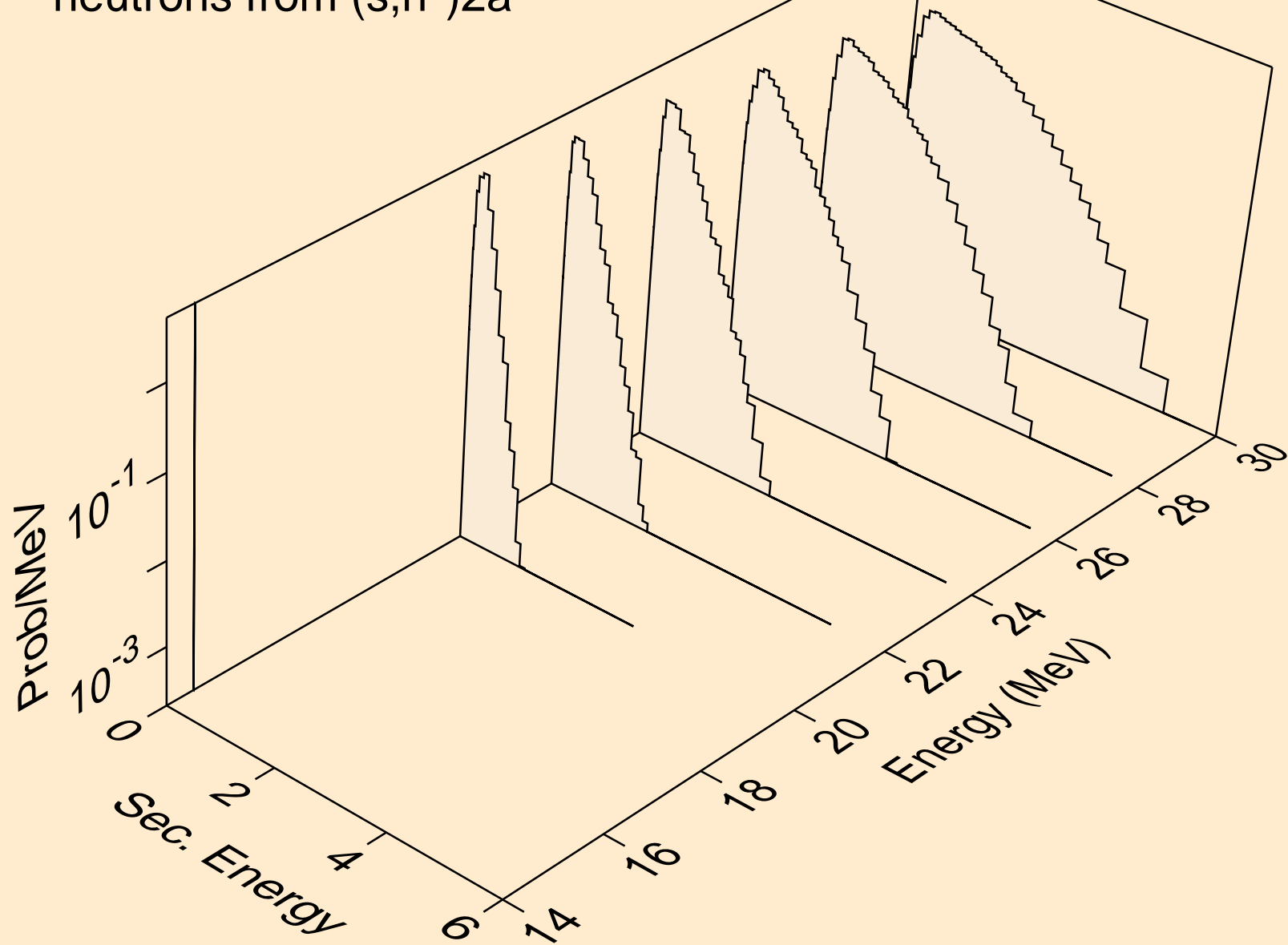
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



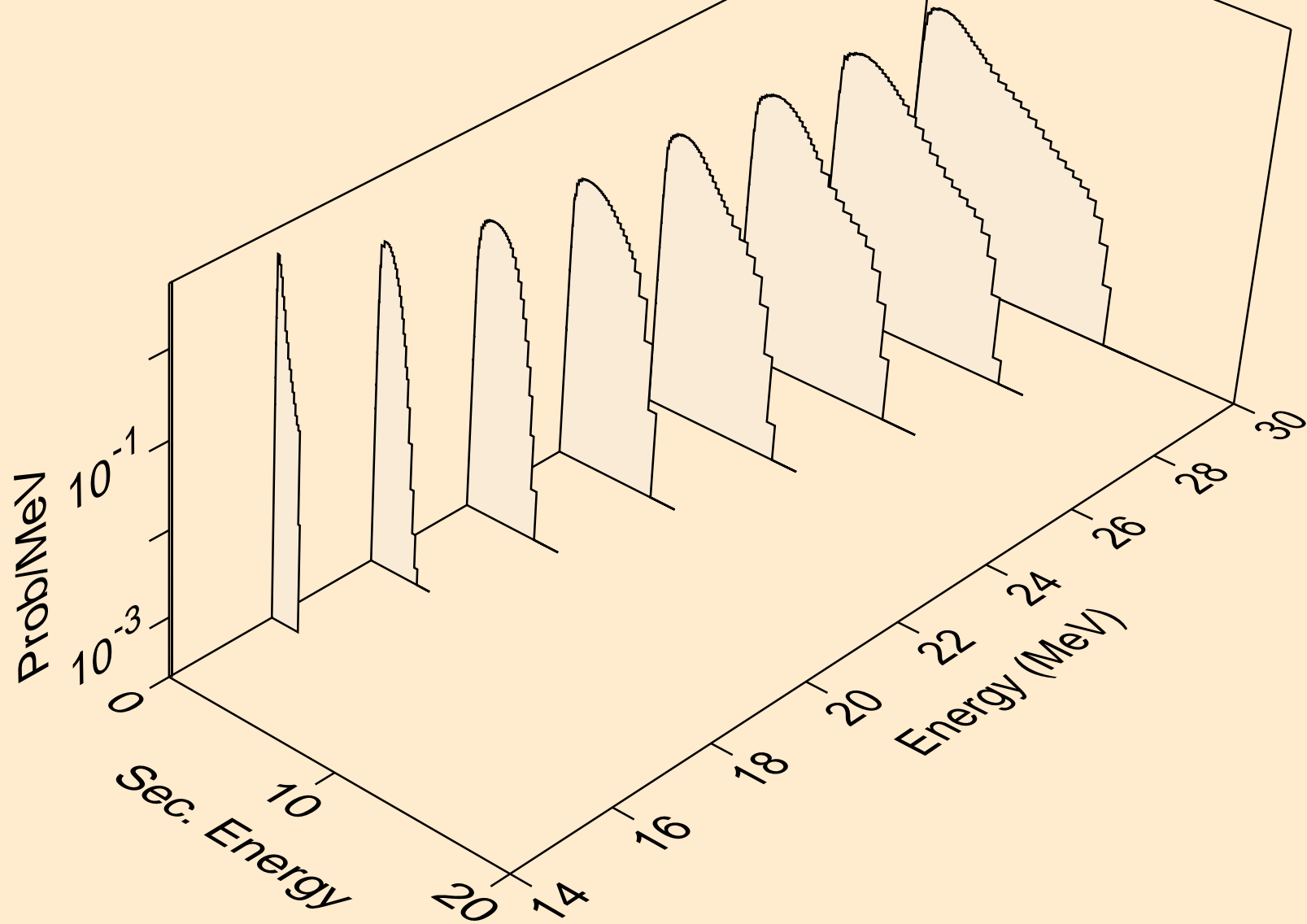
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



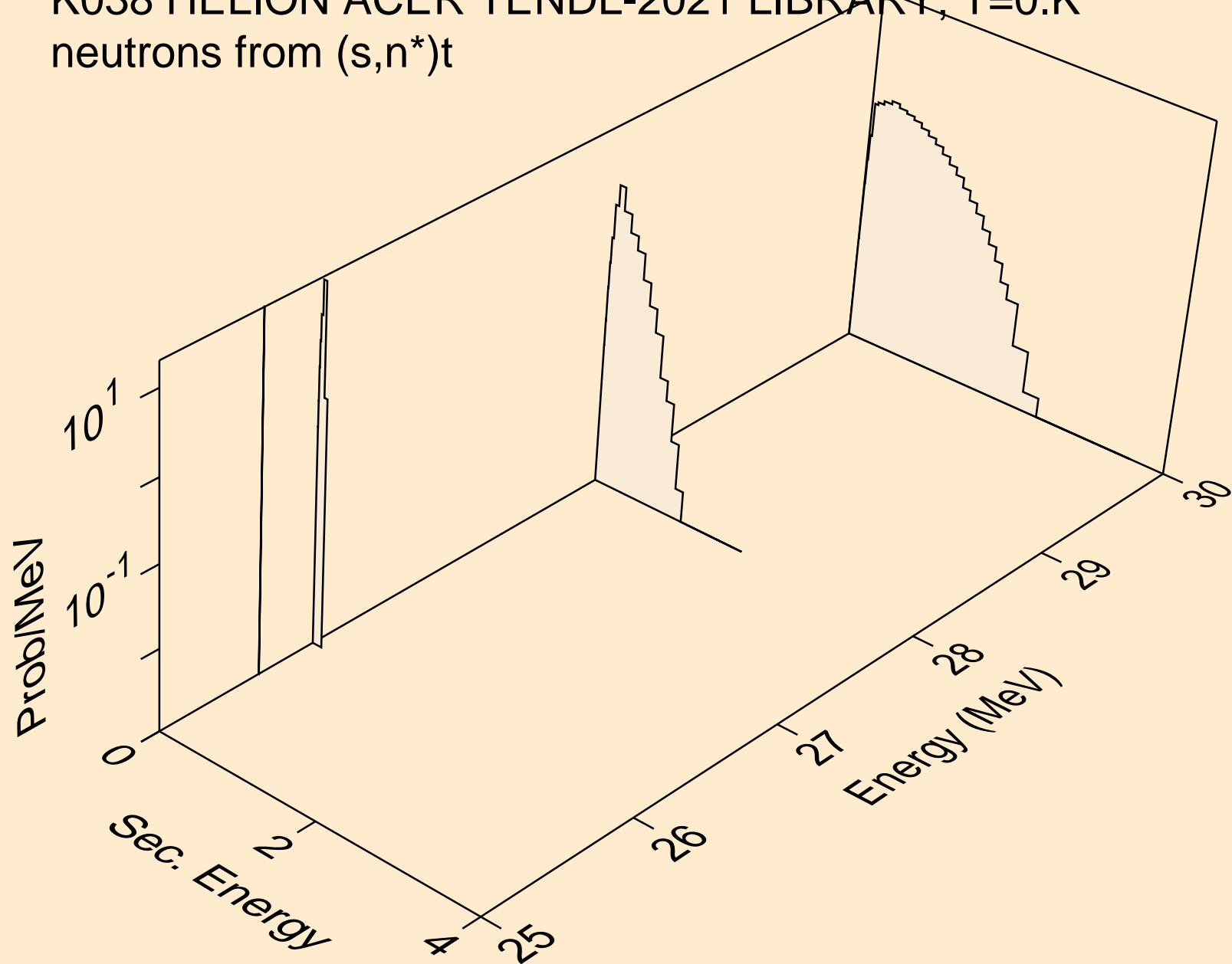
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



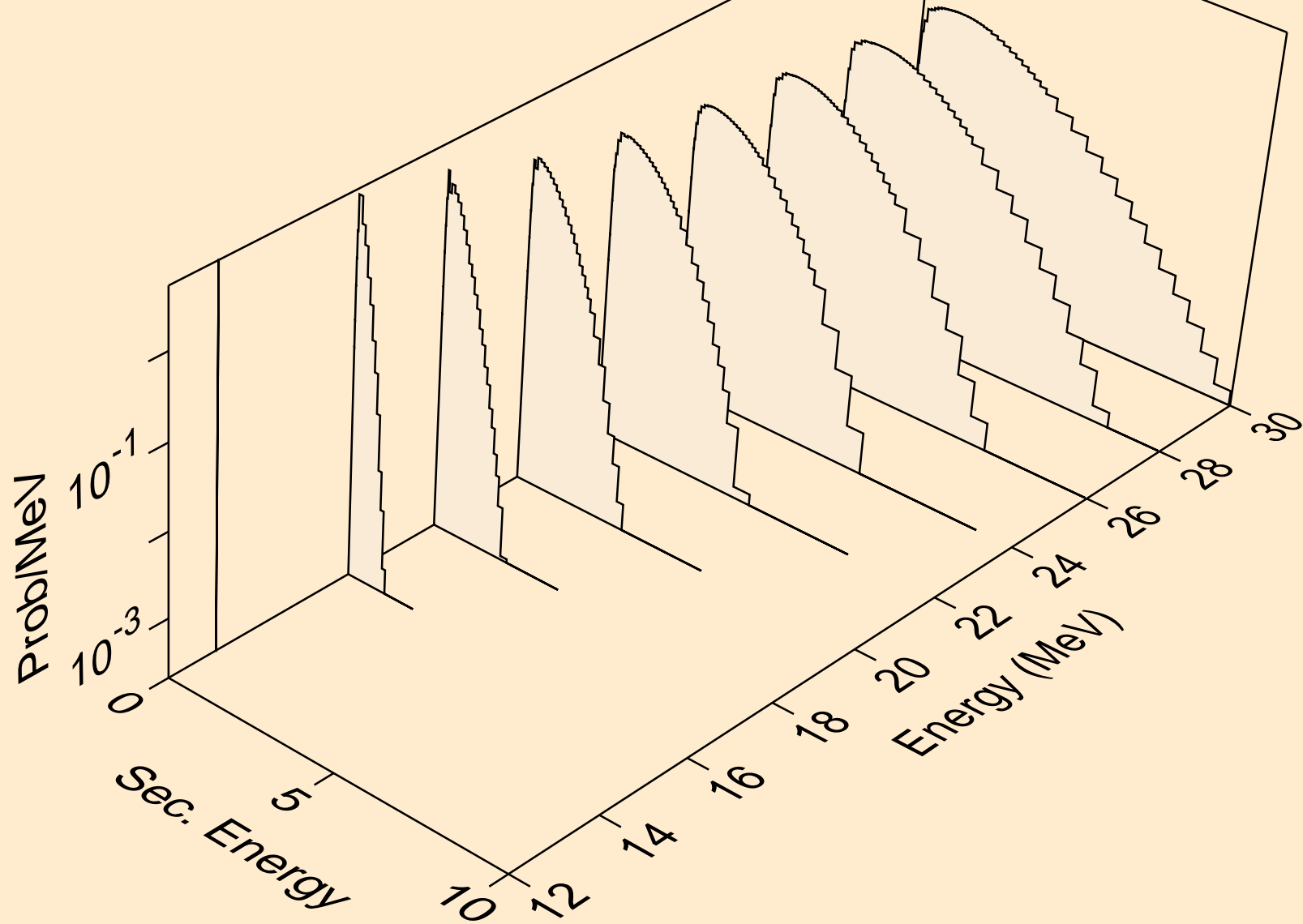
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t

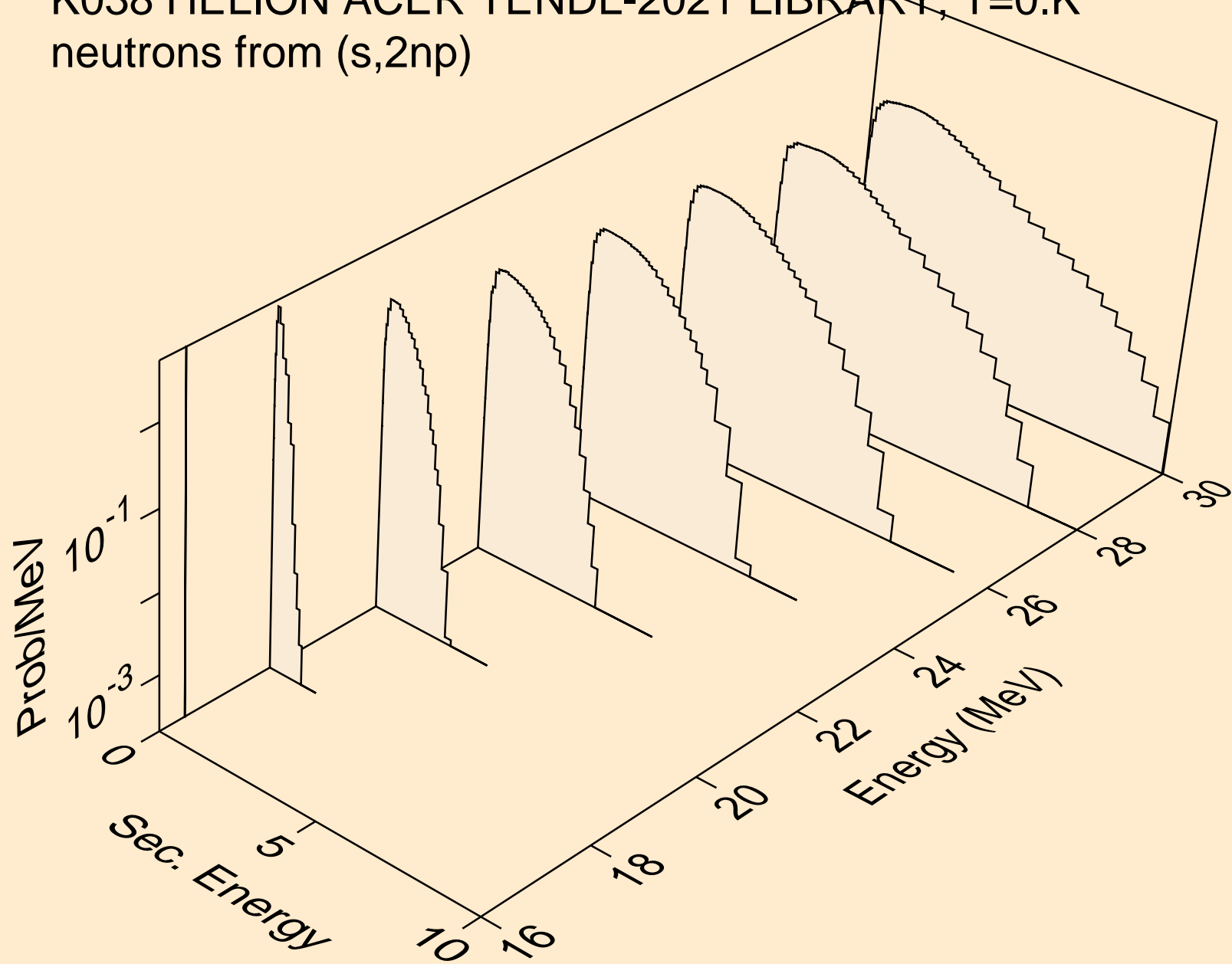


K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

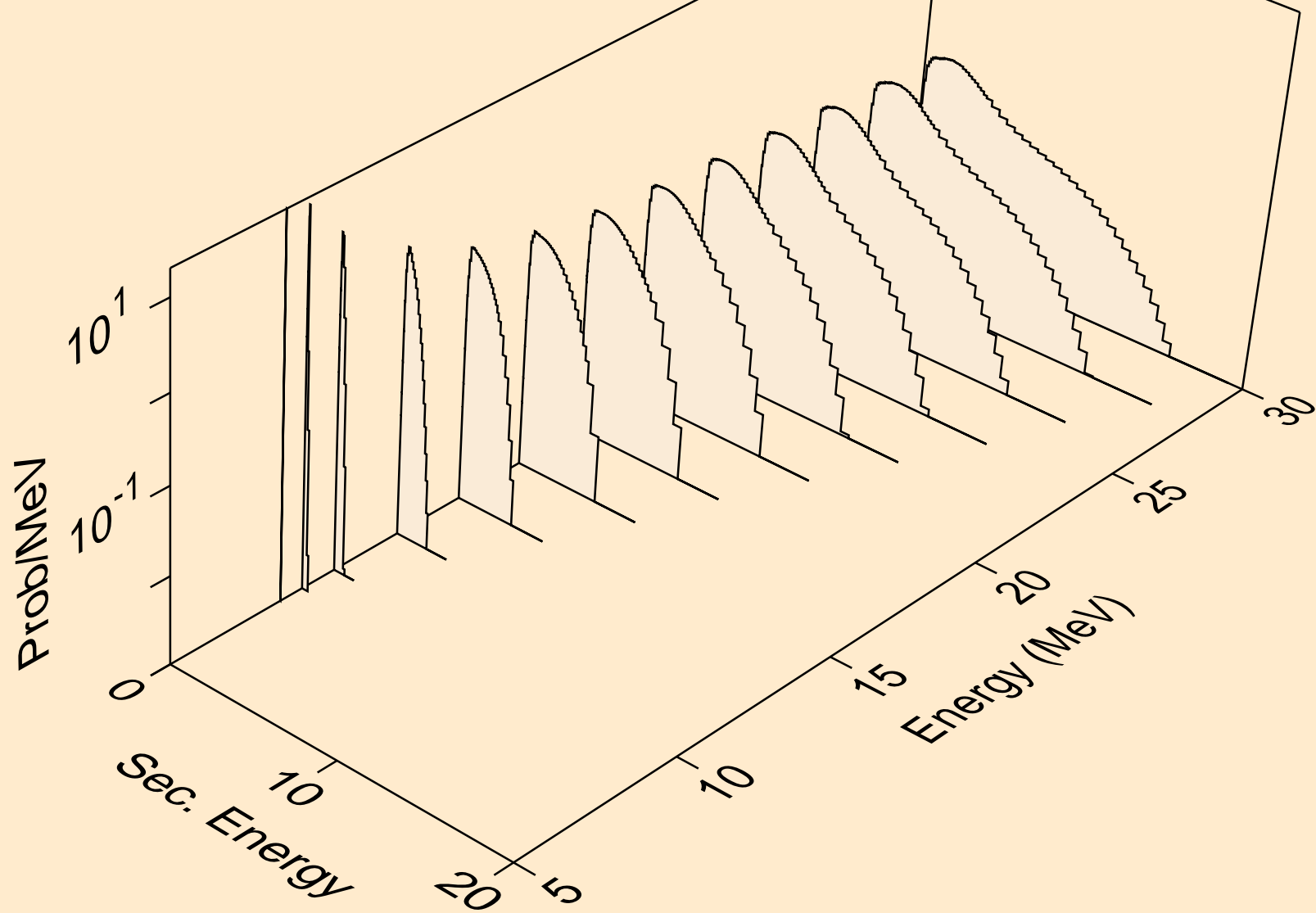




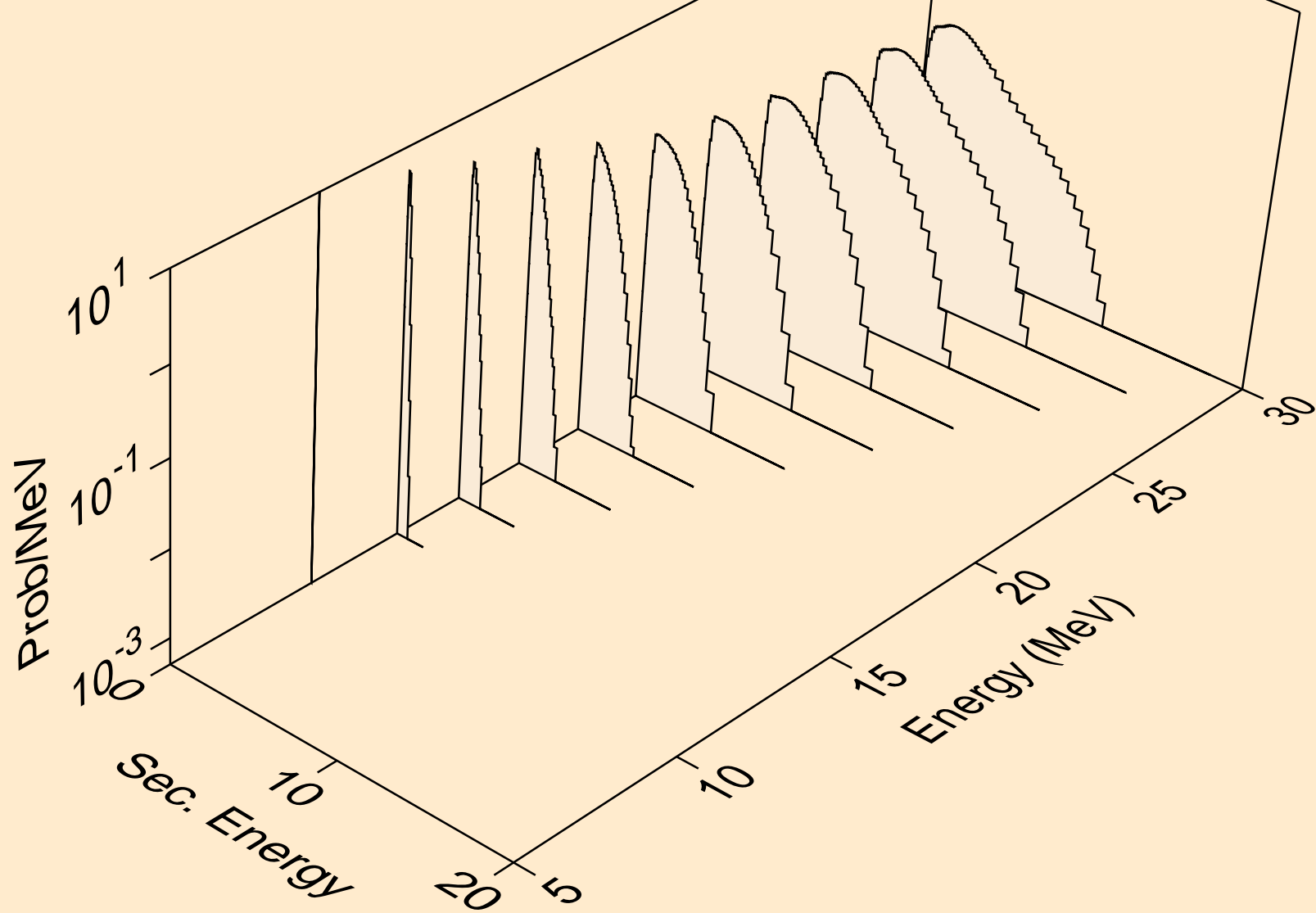
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neutrons from (s,2np)



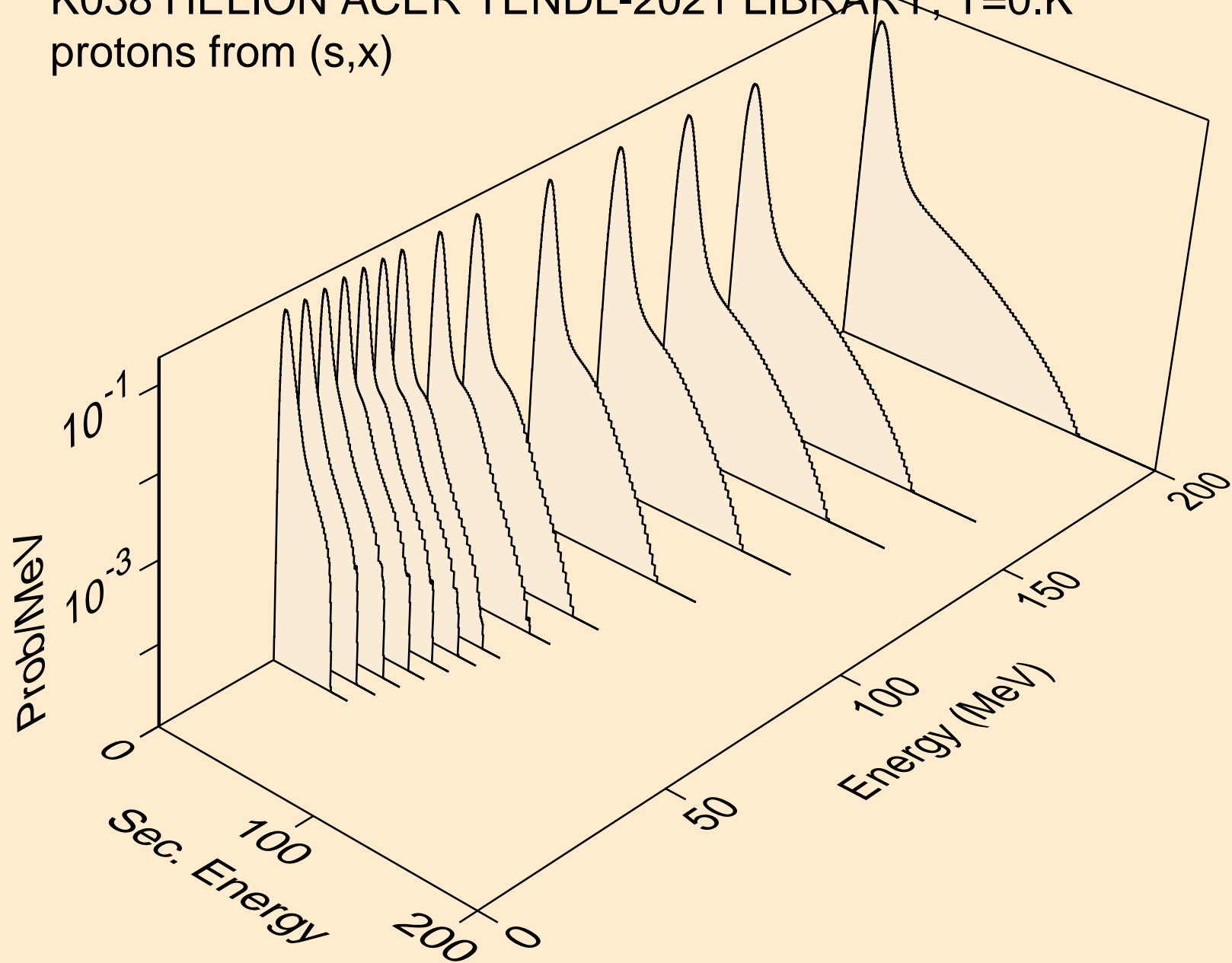
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neutrons from (s,2np)



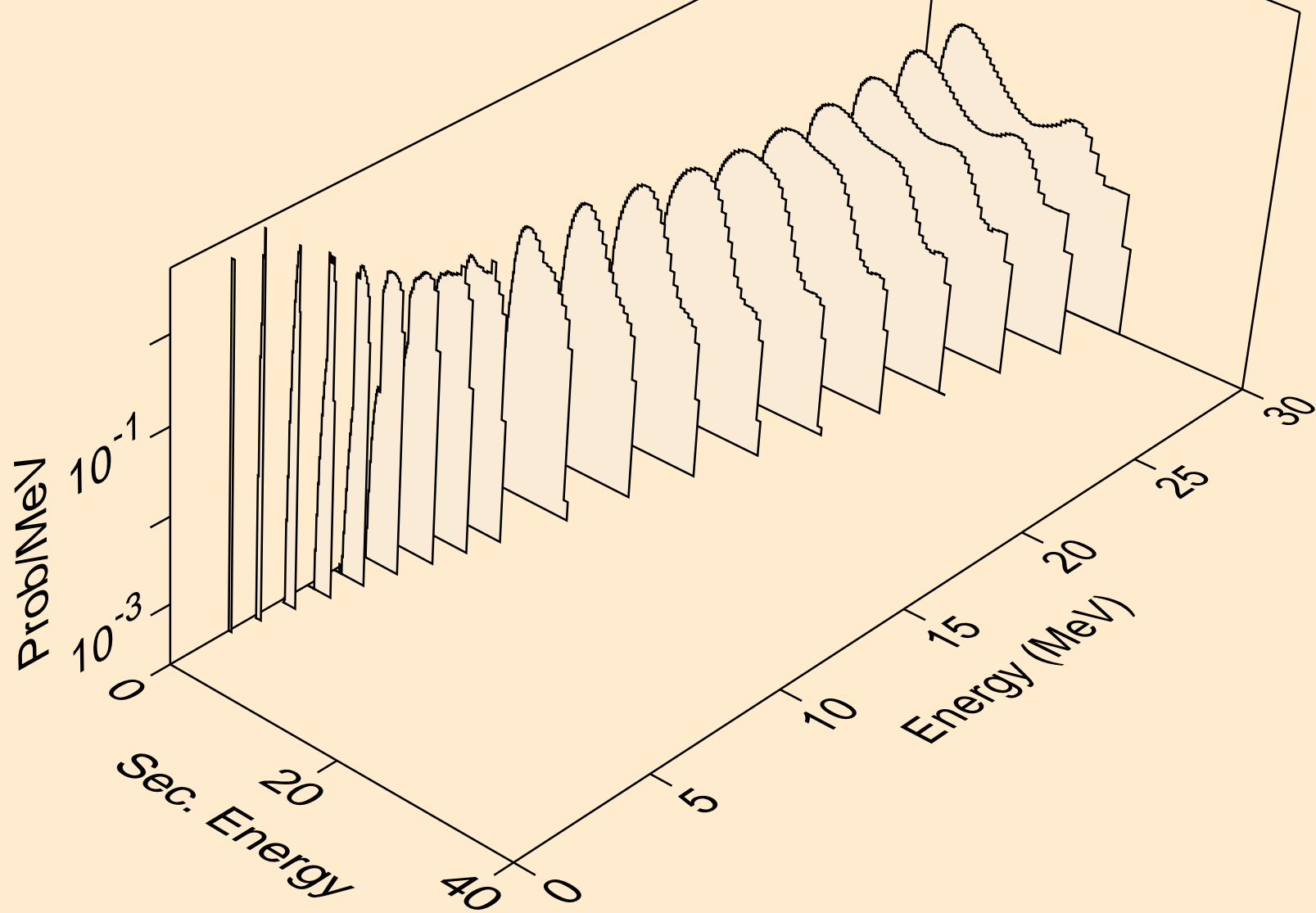
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



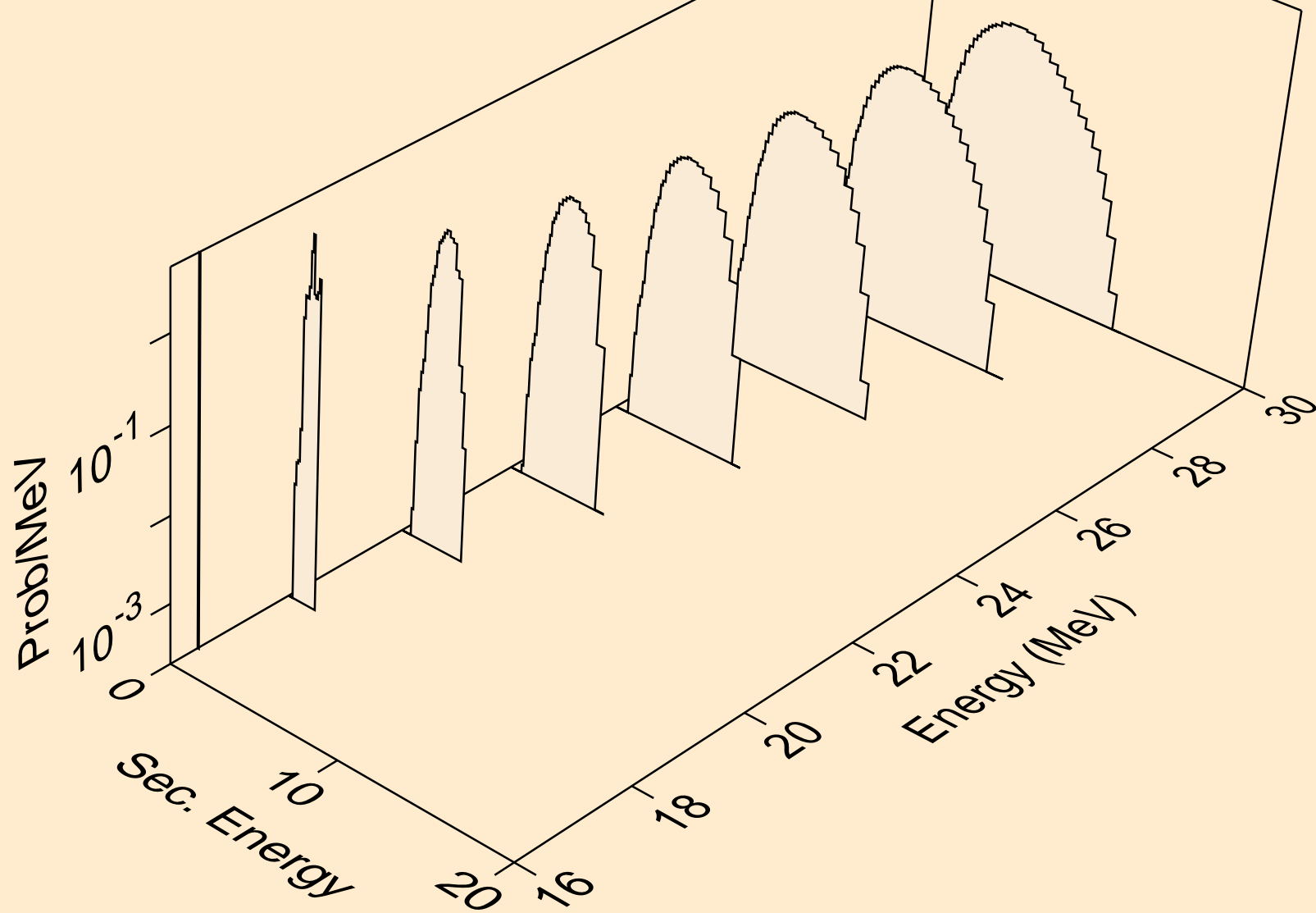
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protons from (s,x)



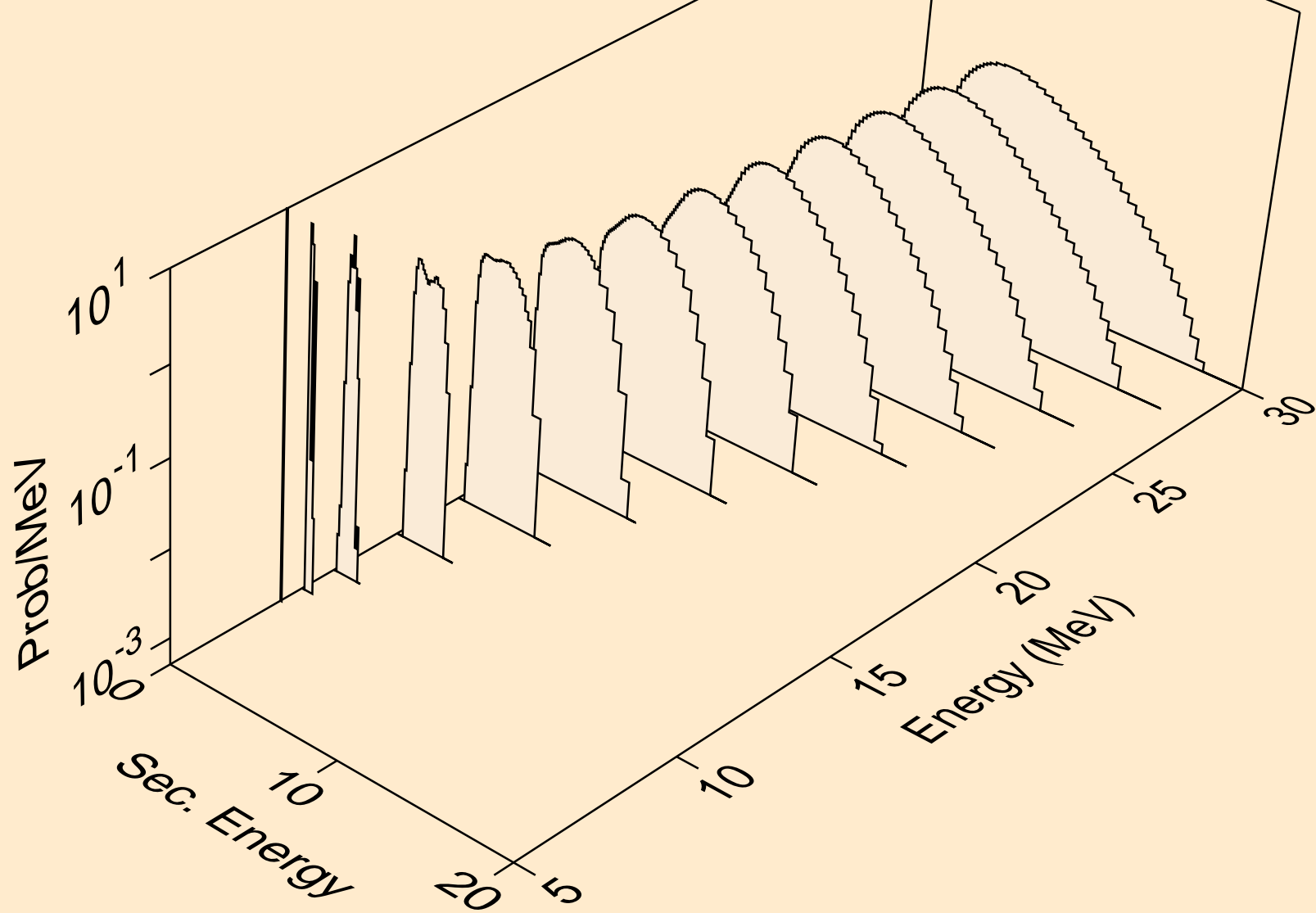
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



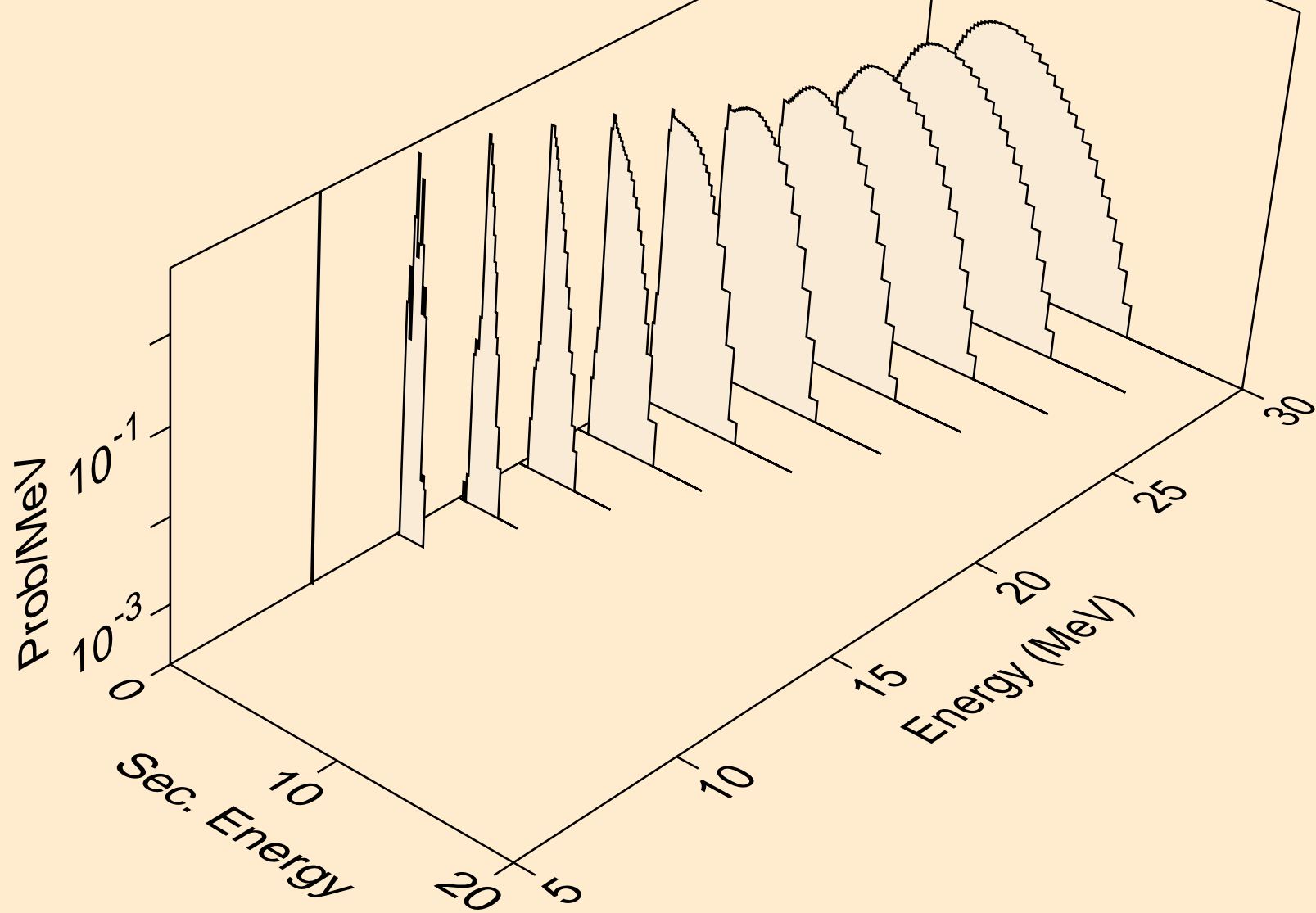
K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

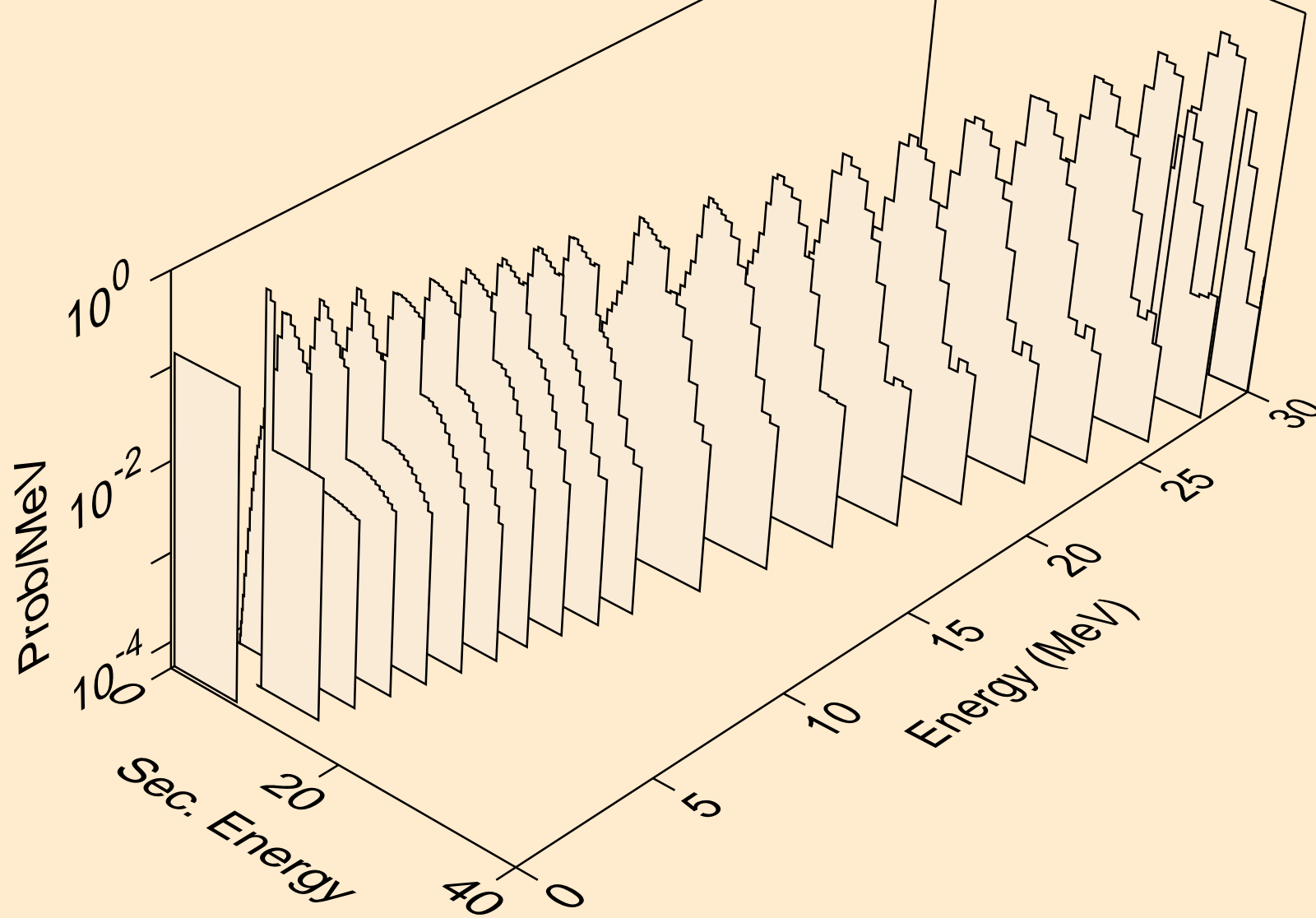


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protons from (s,npa)

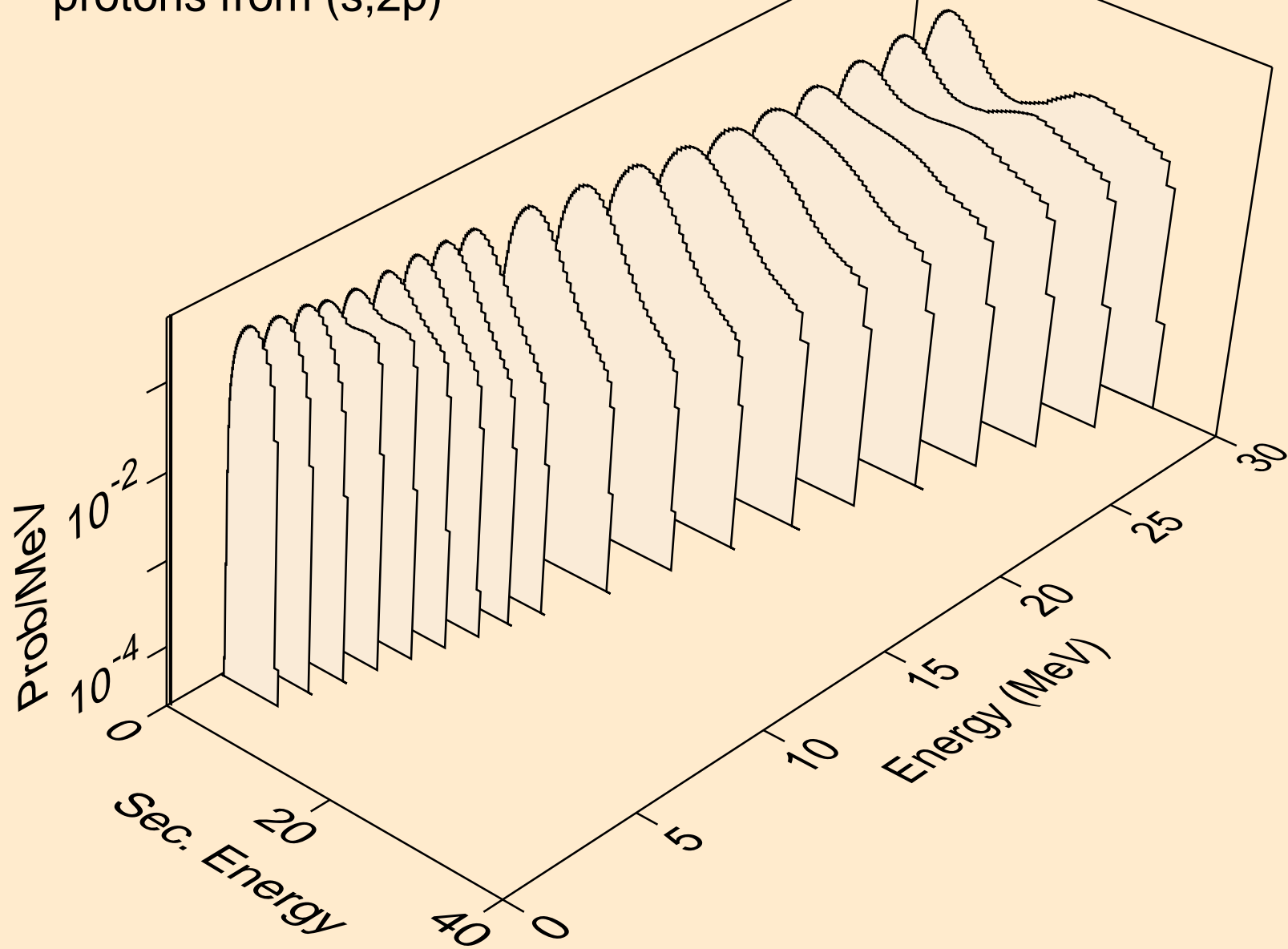




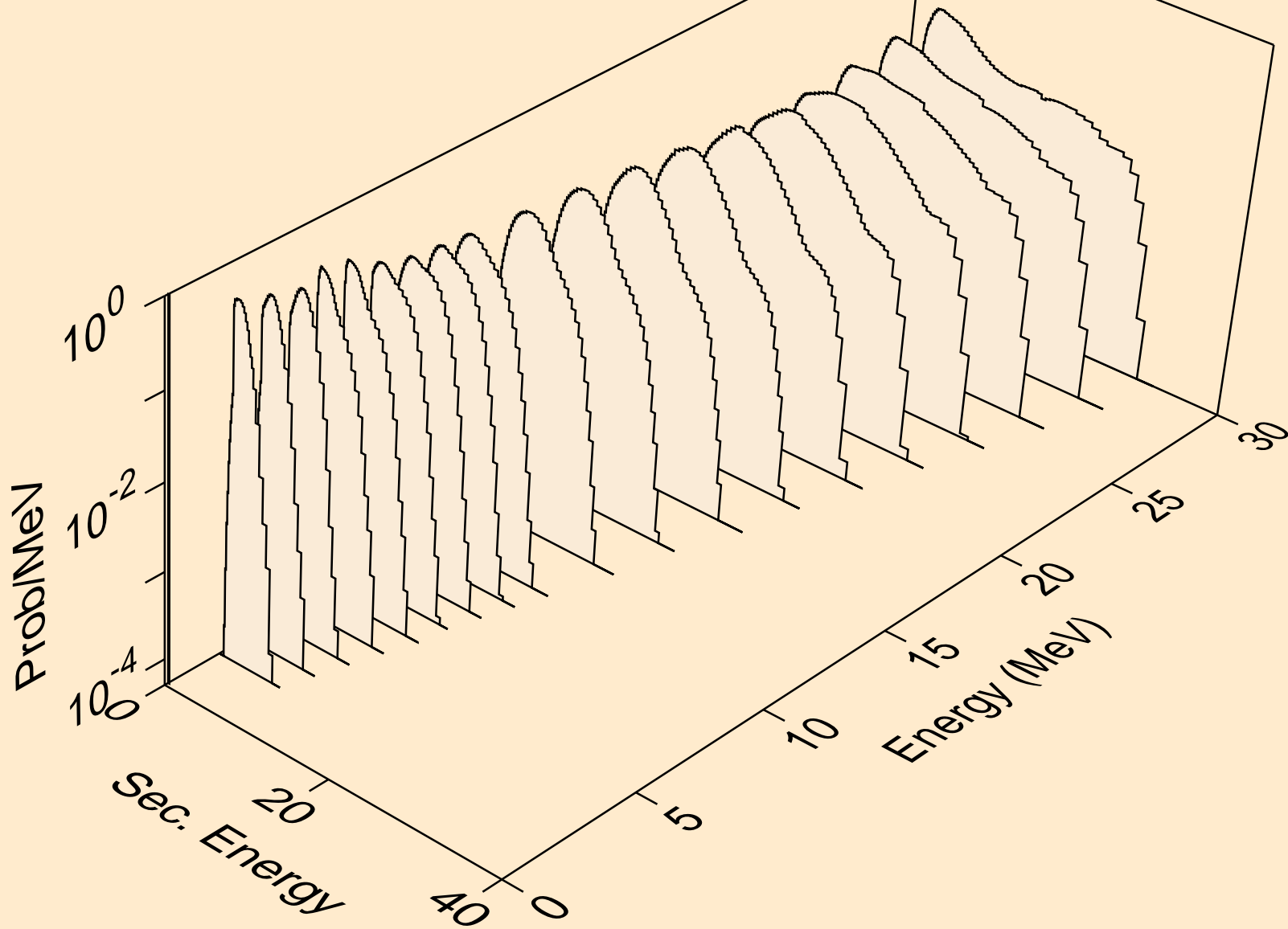
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protons from (s,p)



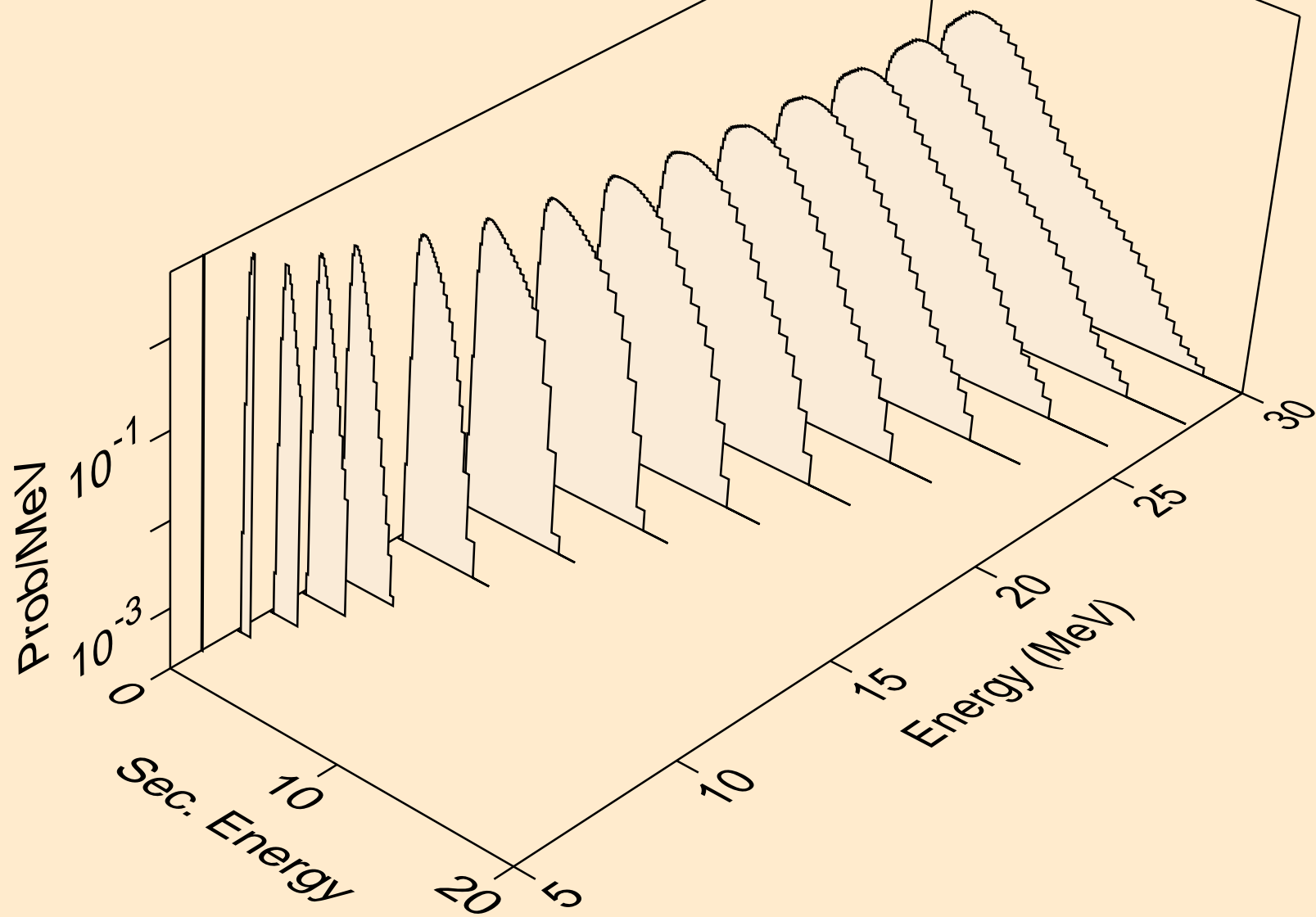
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protons from (s,2p)



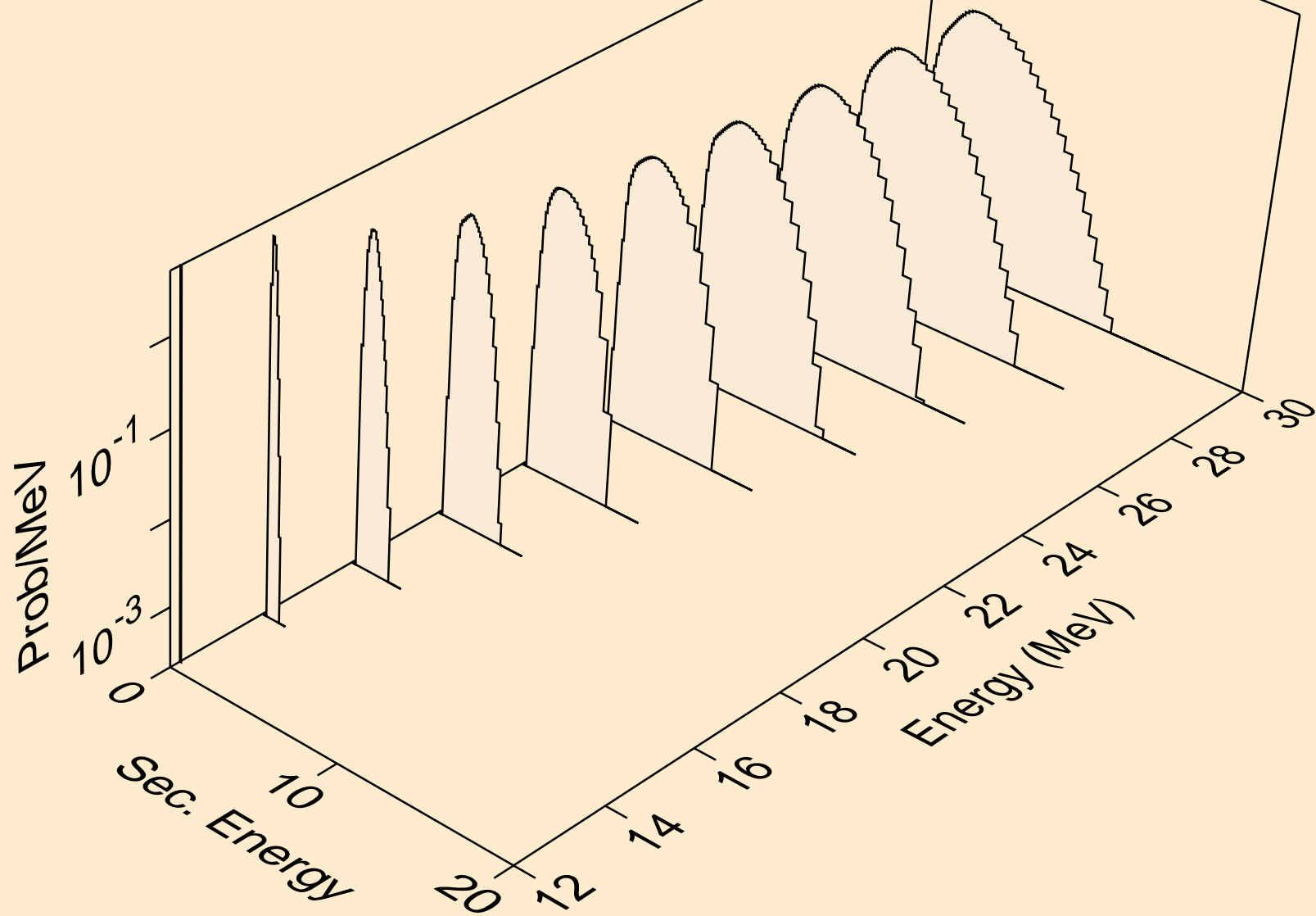
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protons from (s,pa)



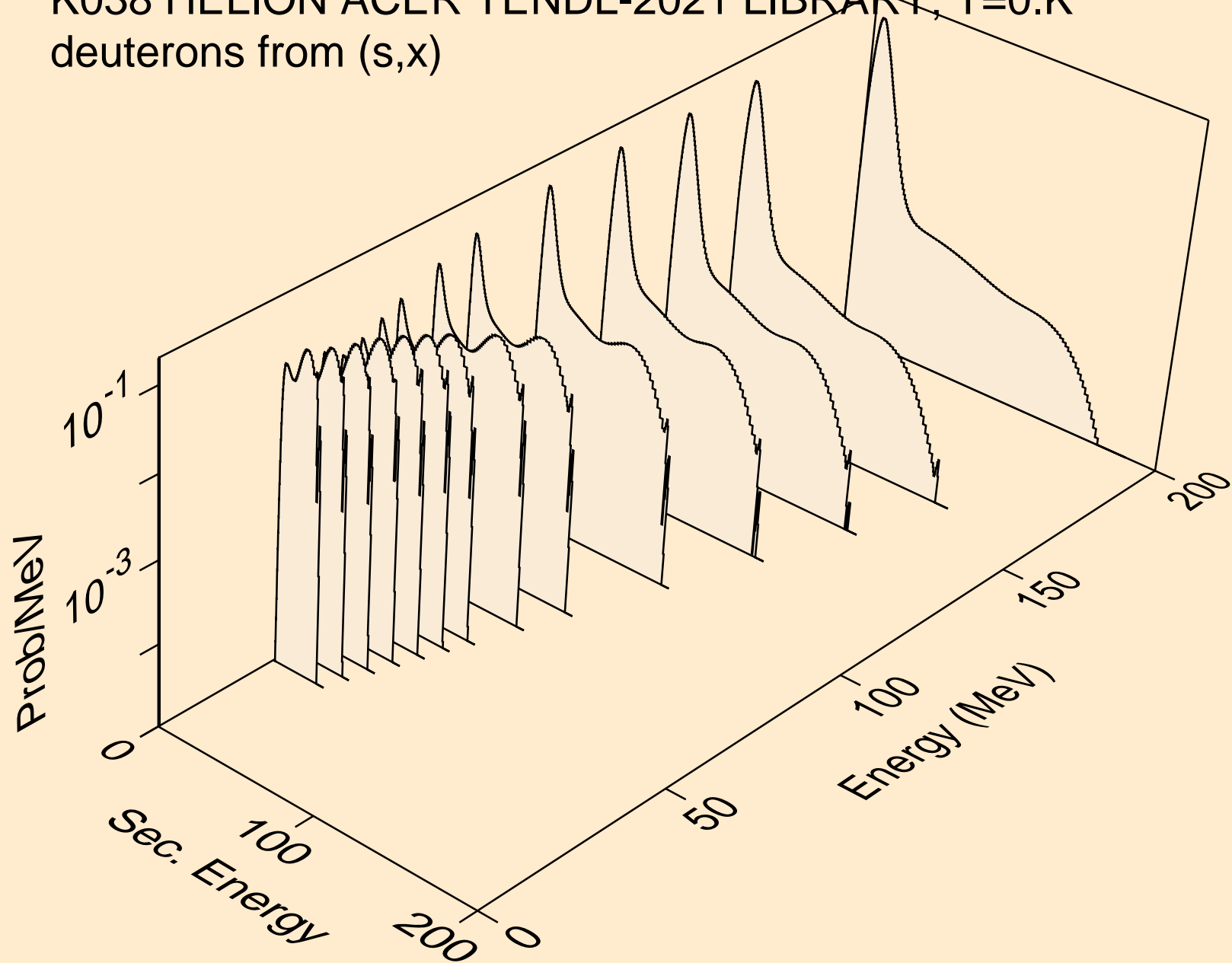
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protons from (s,pd)



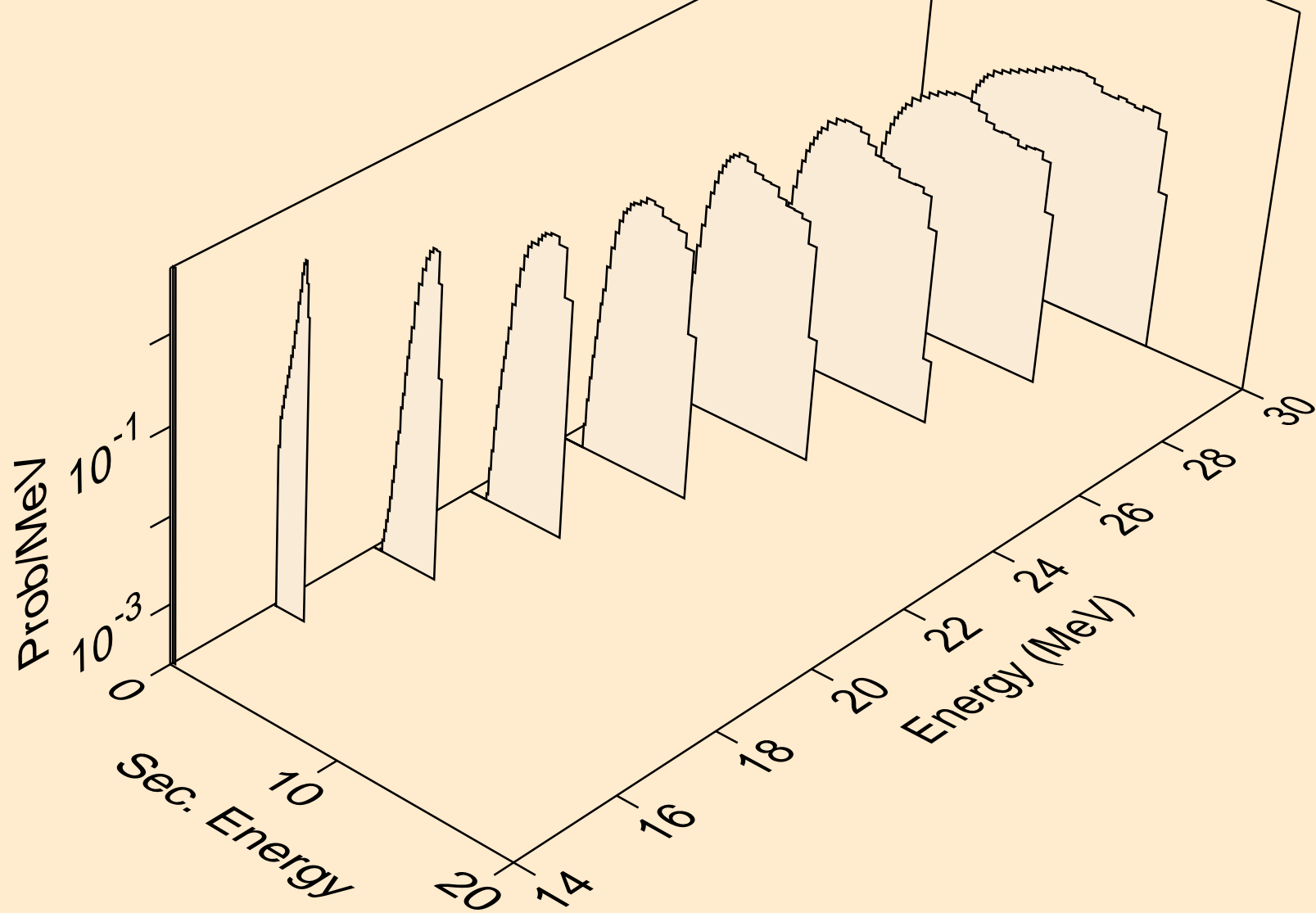
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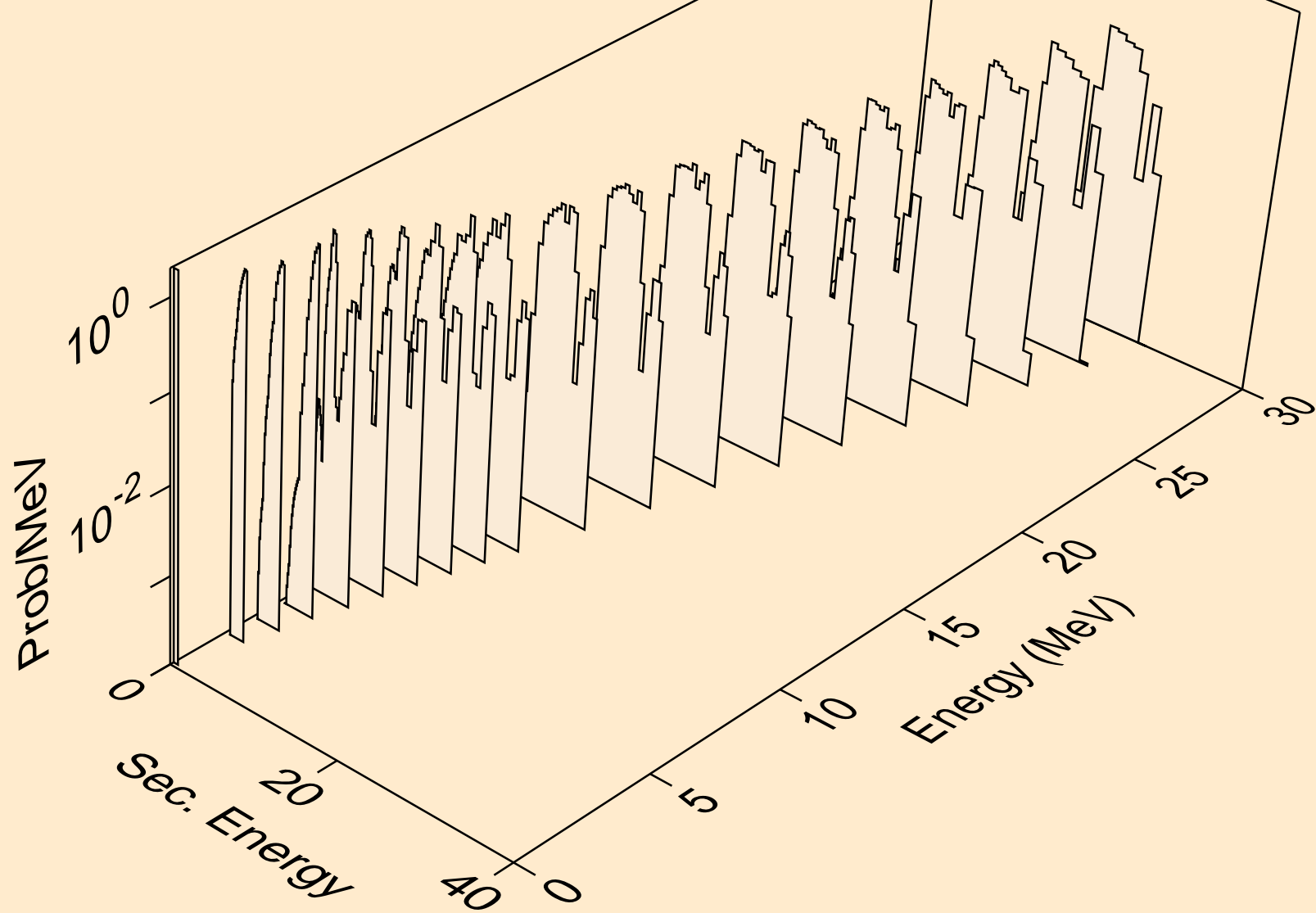
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deuterons from (s,x)



K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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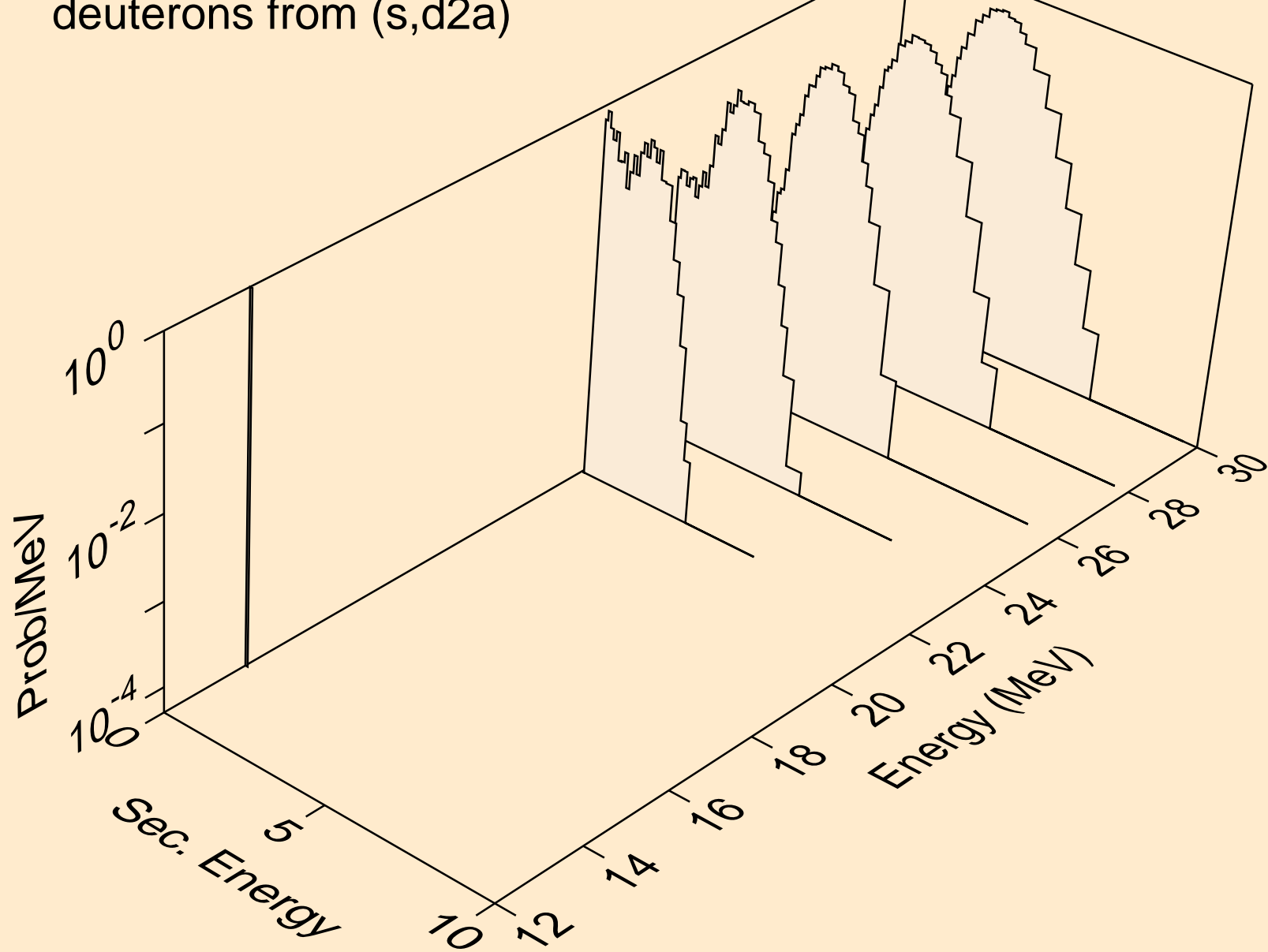


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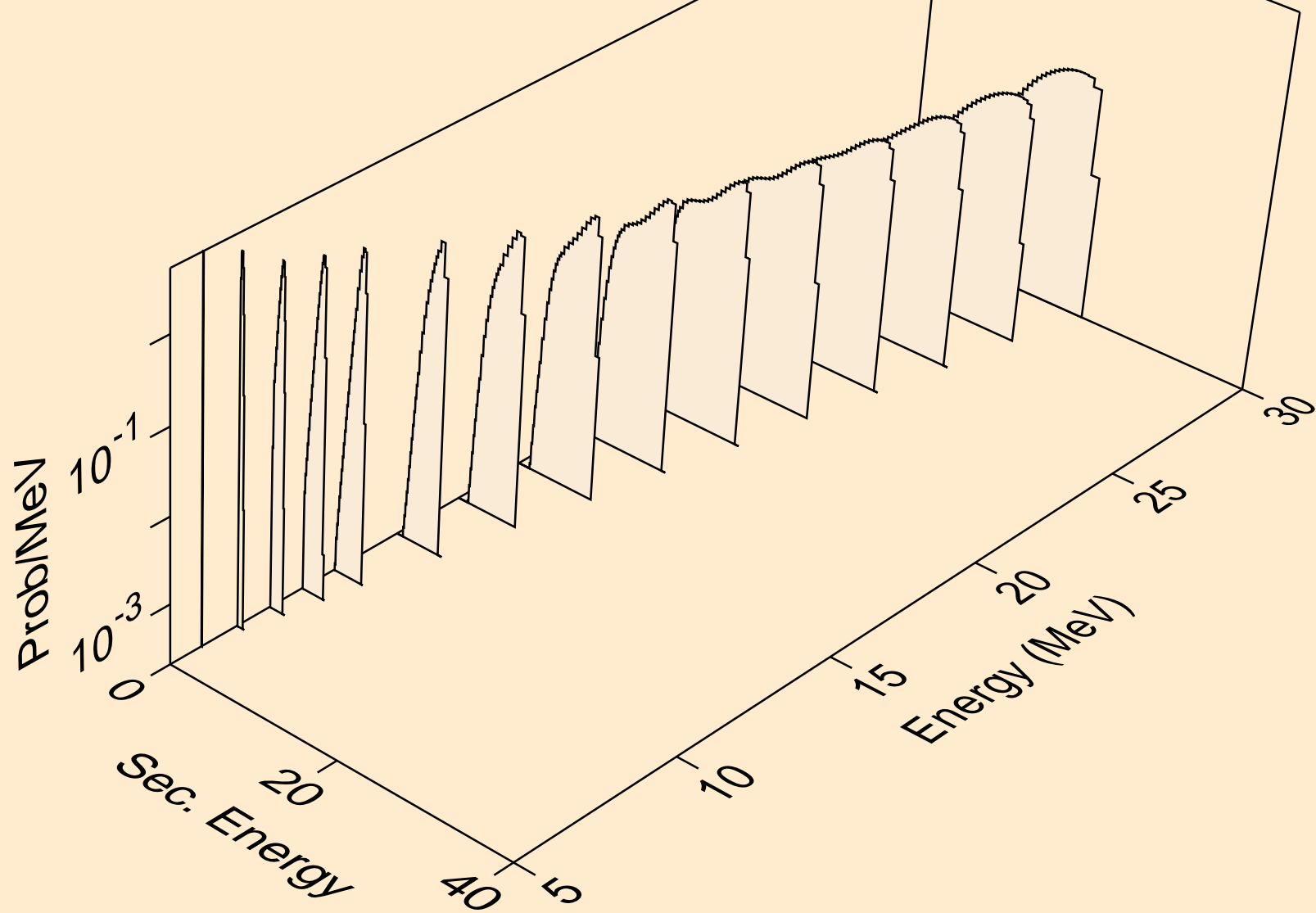




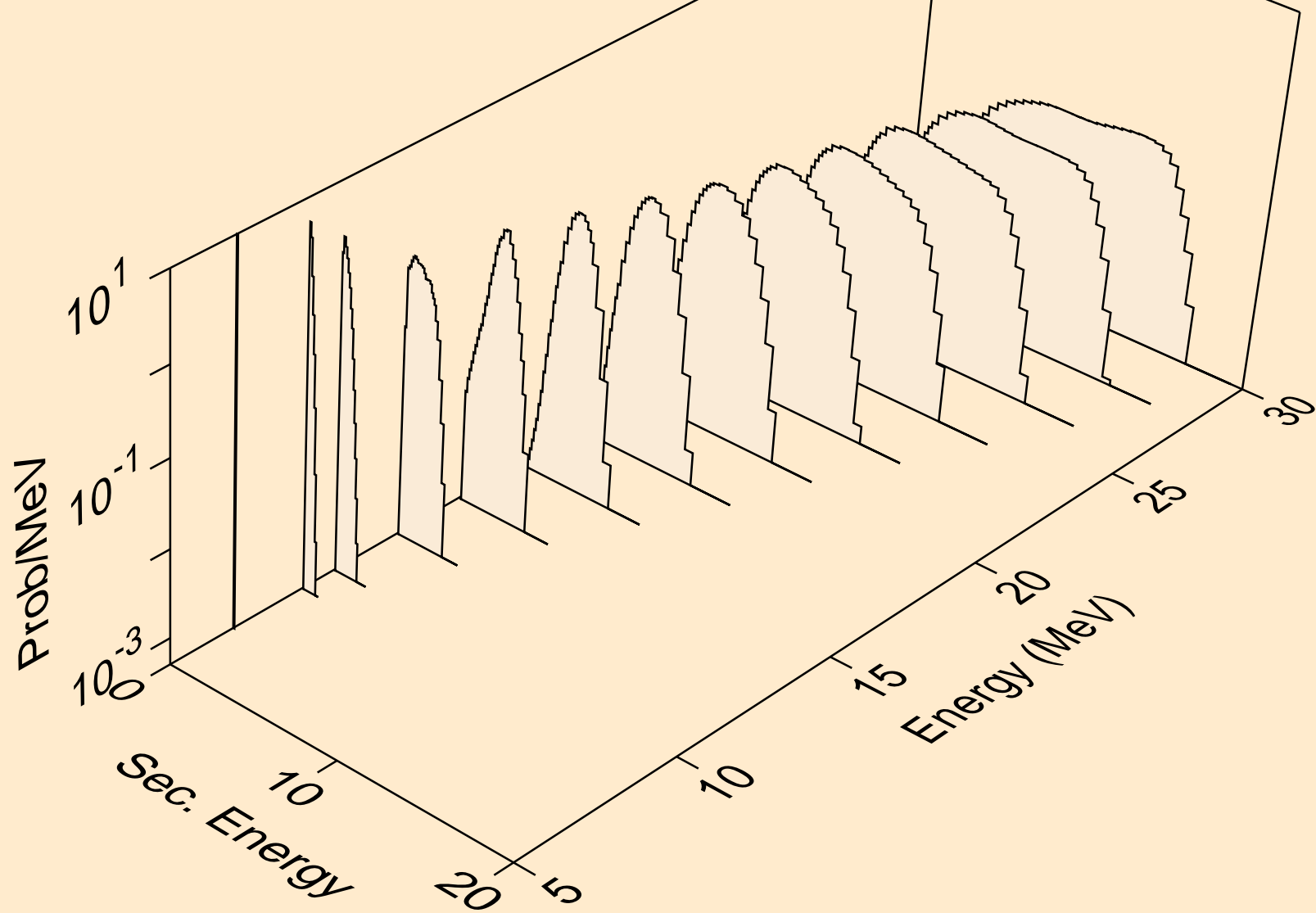
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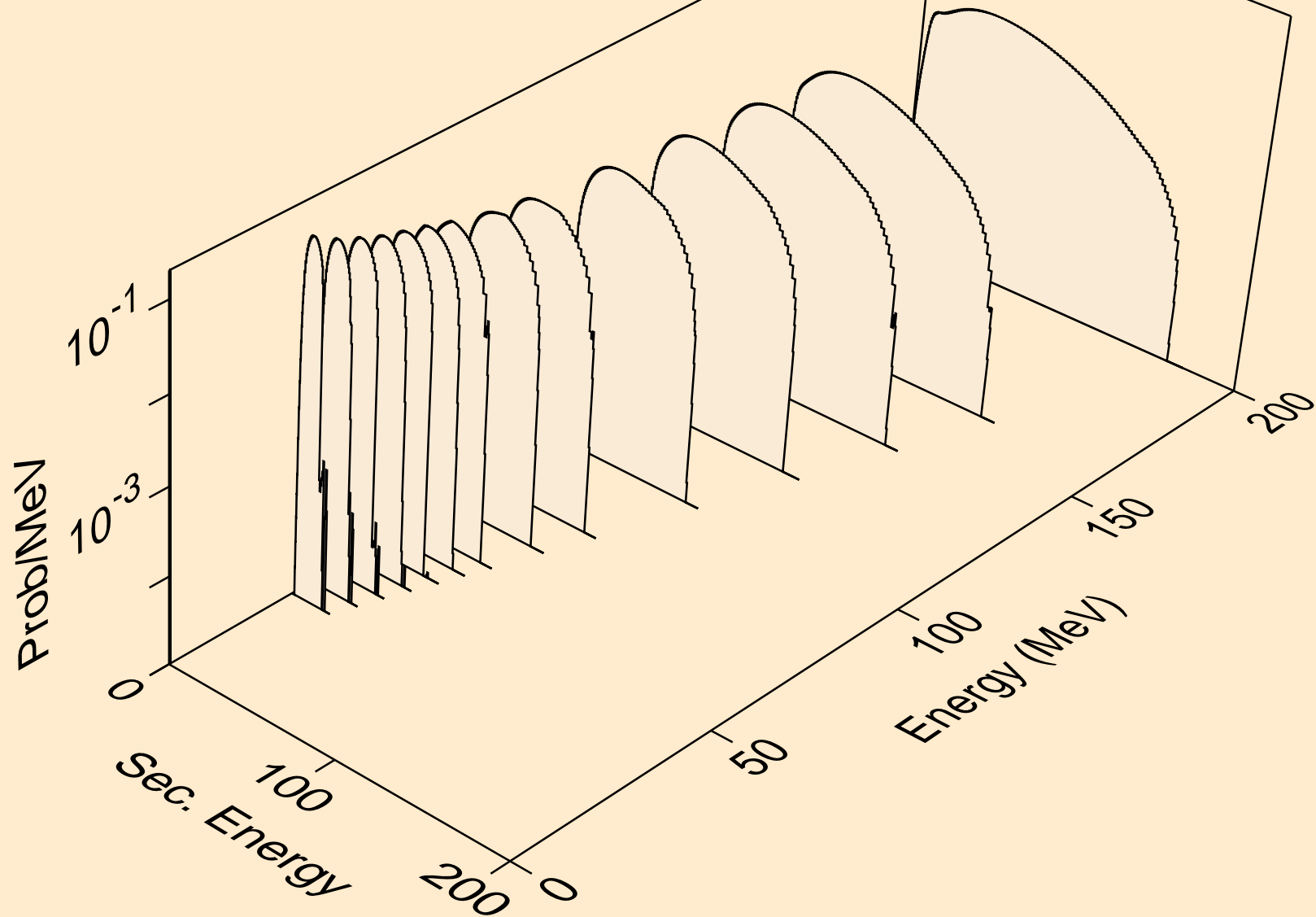
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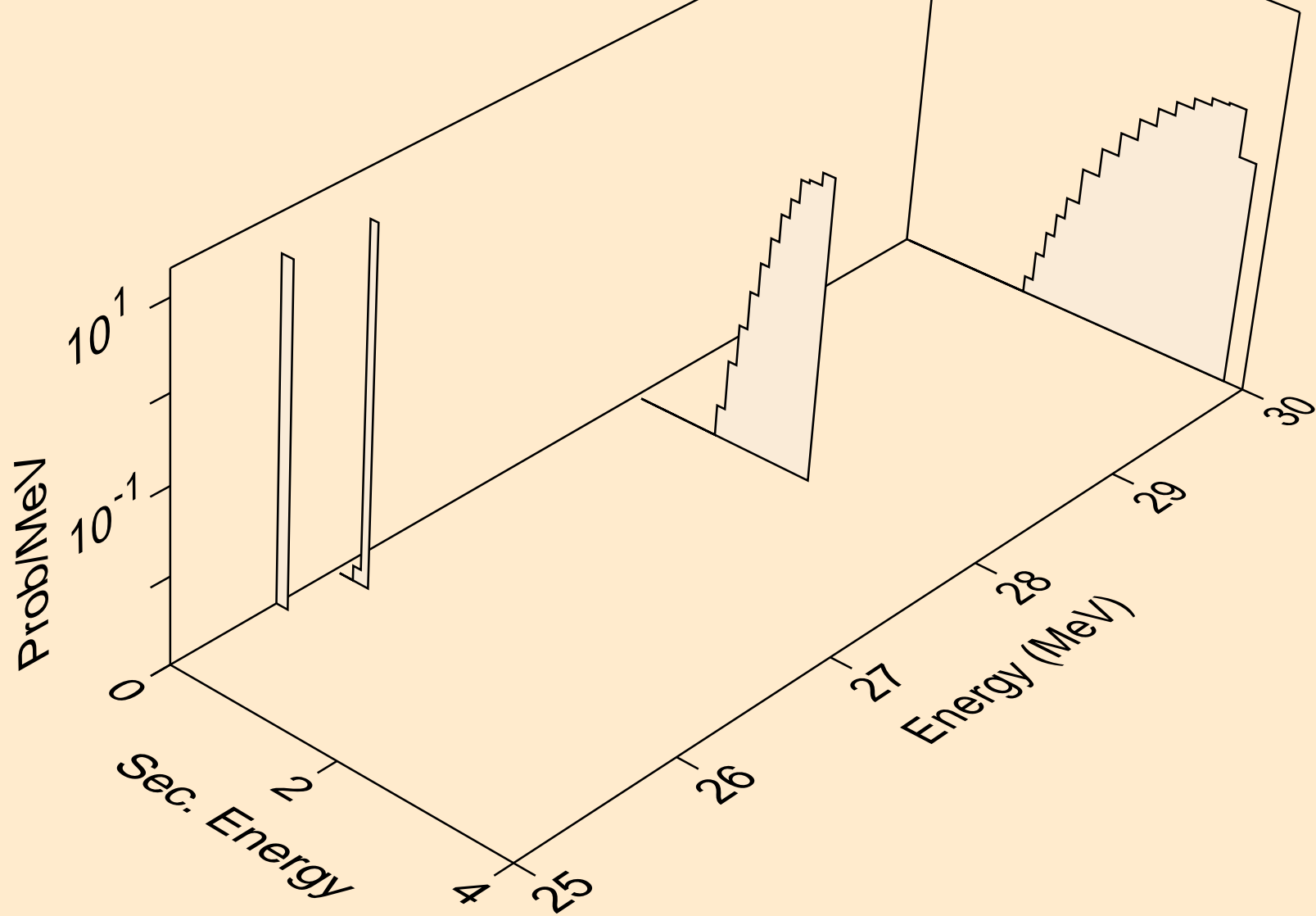
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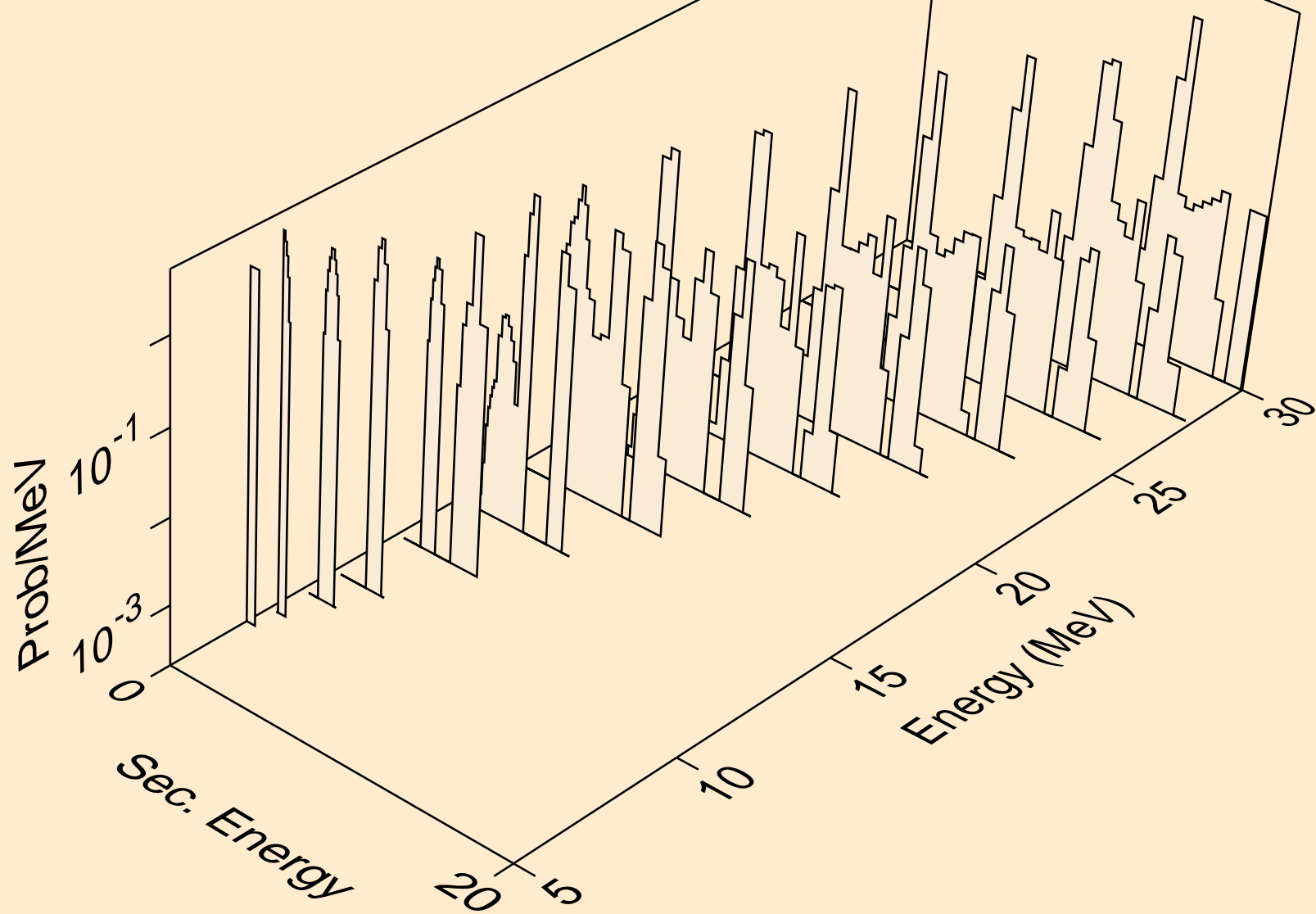
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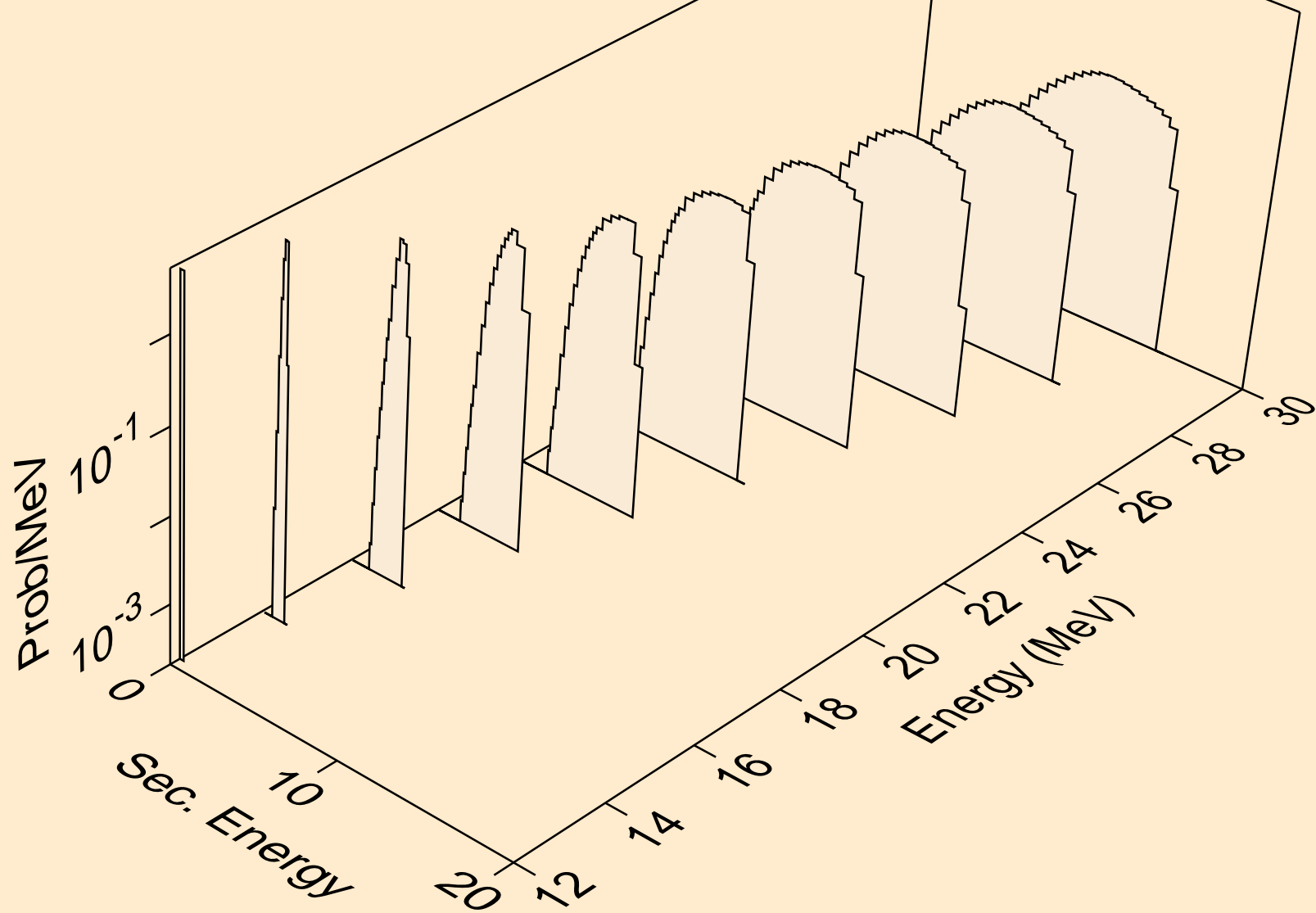
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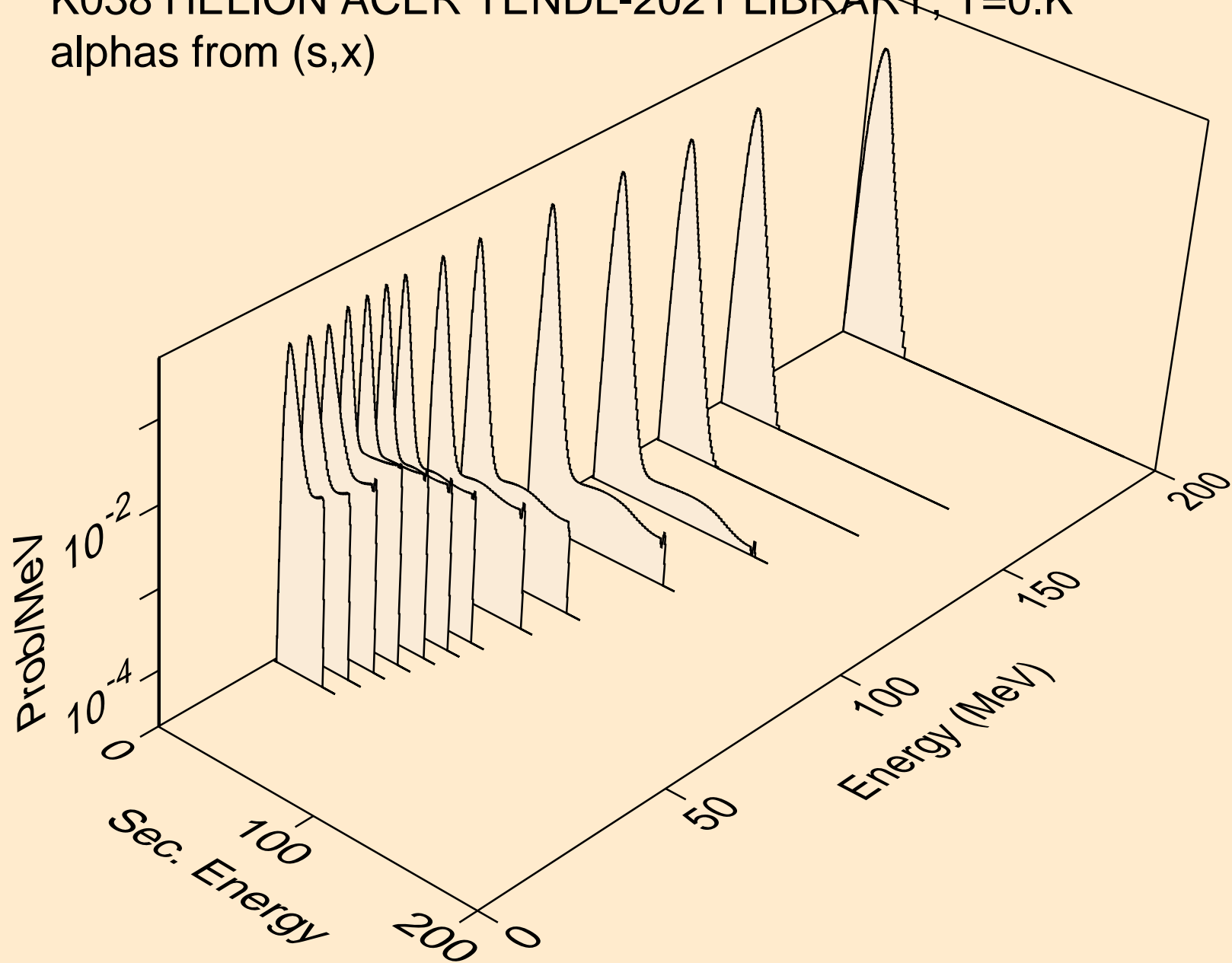
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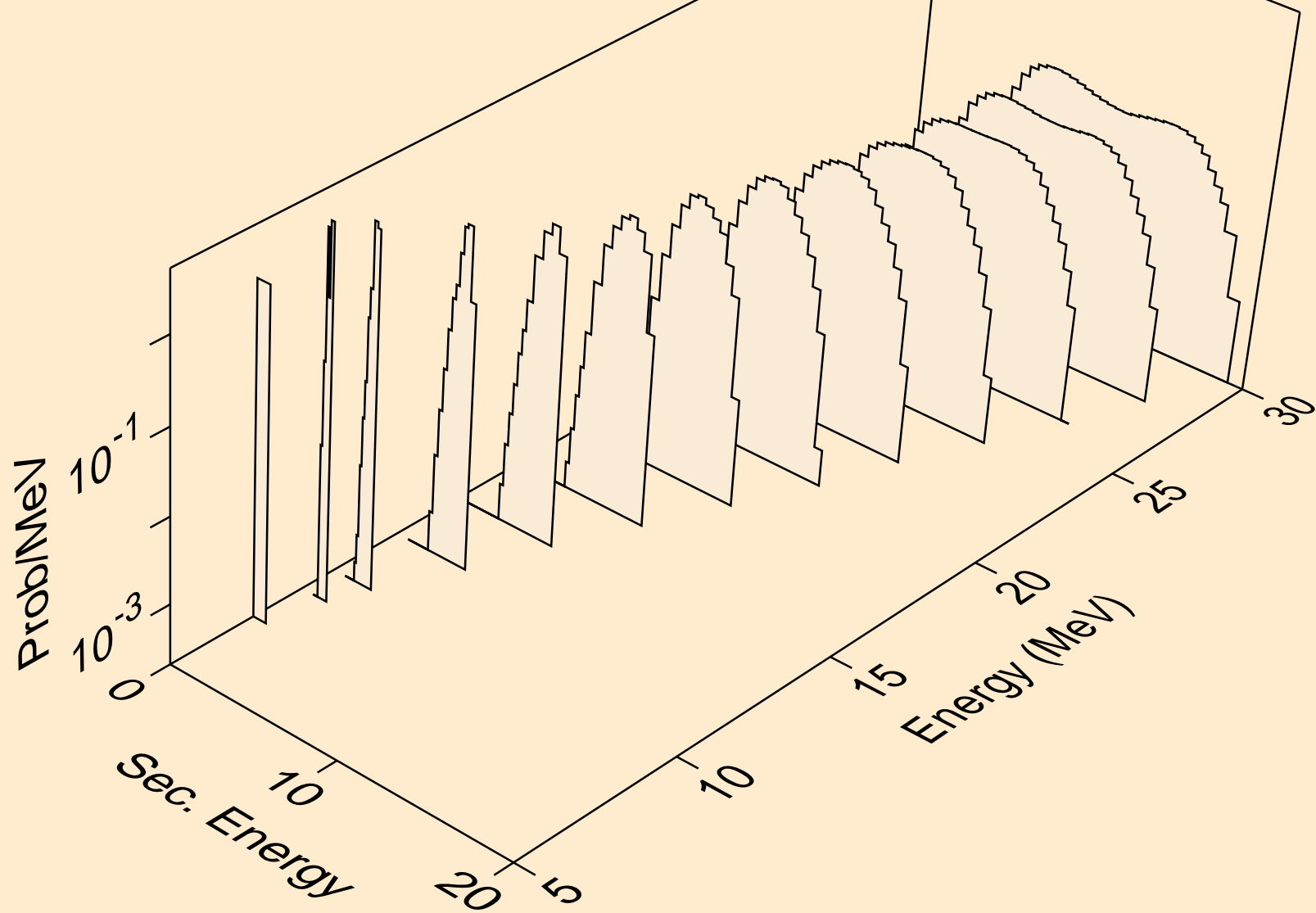


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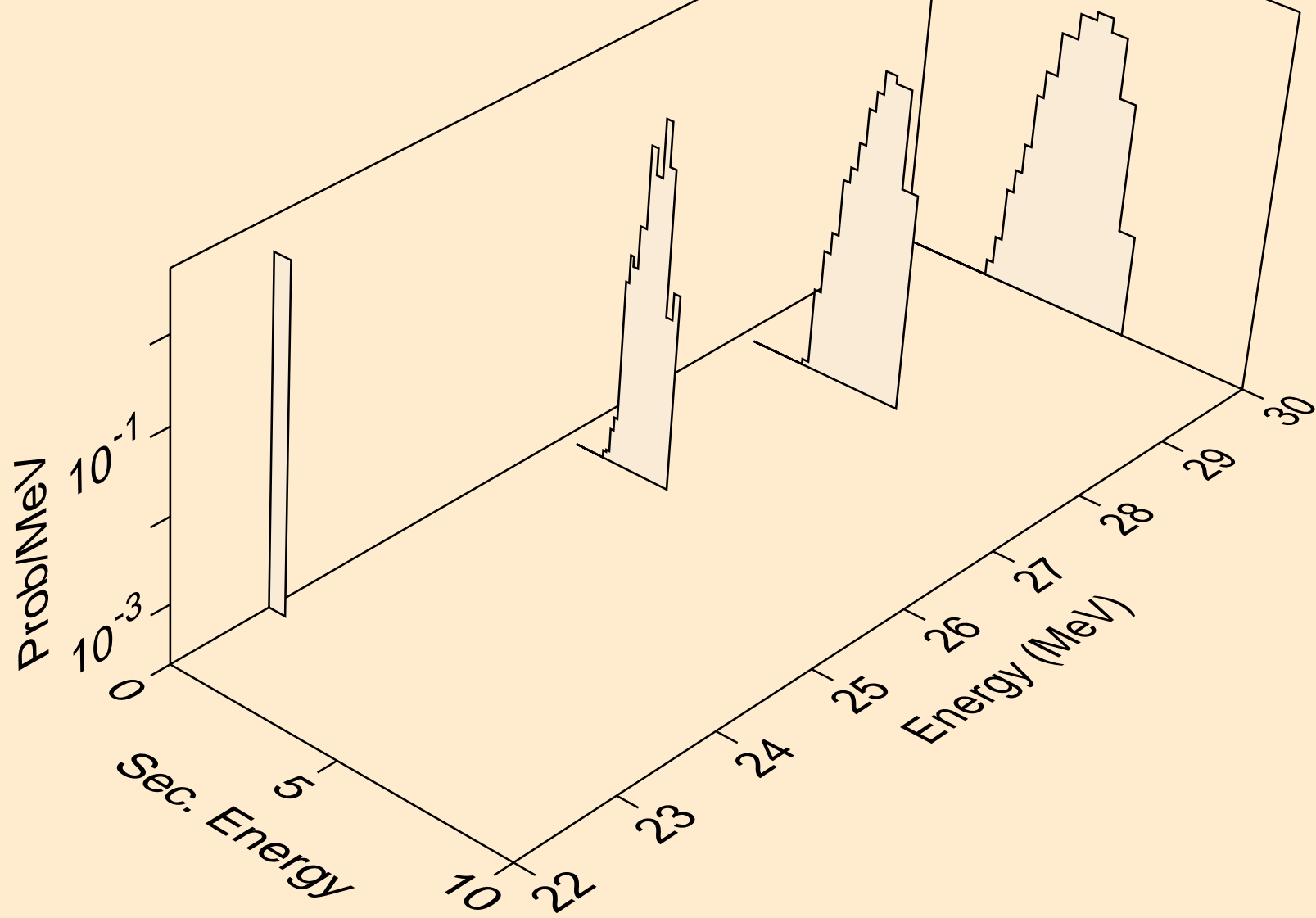




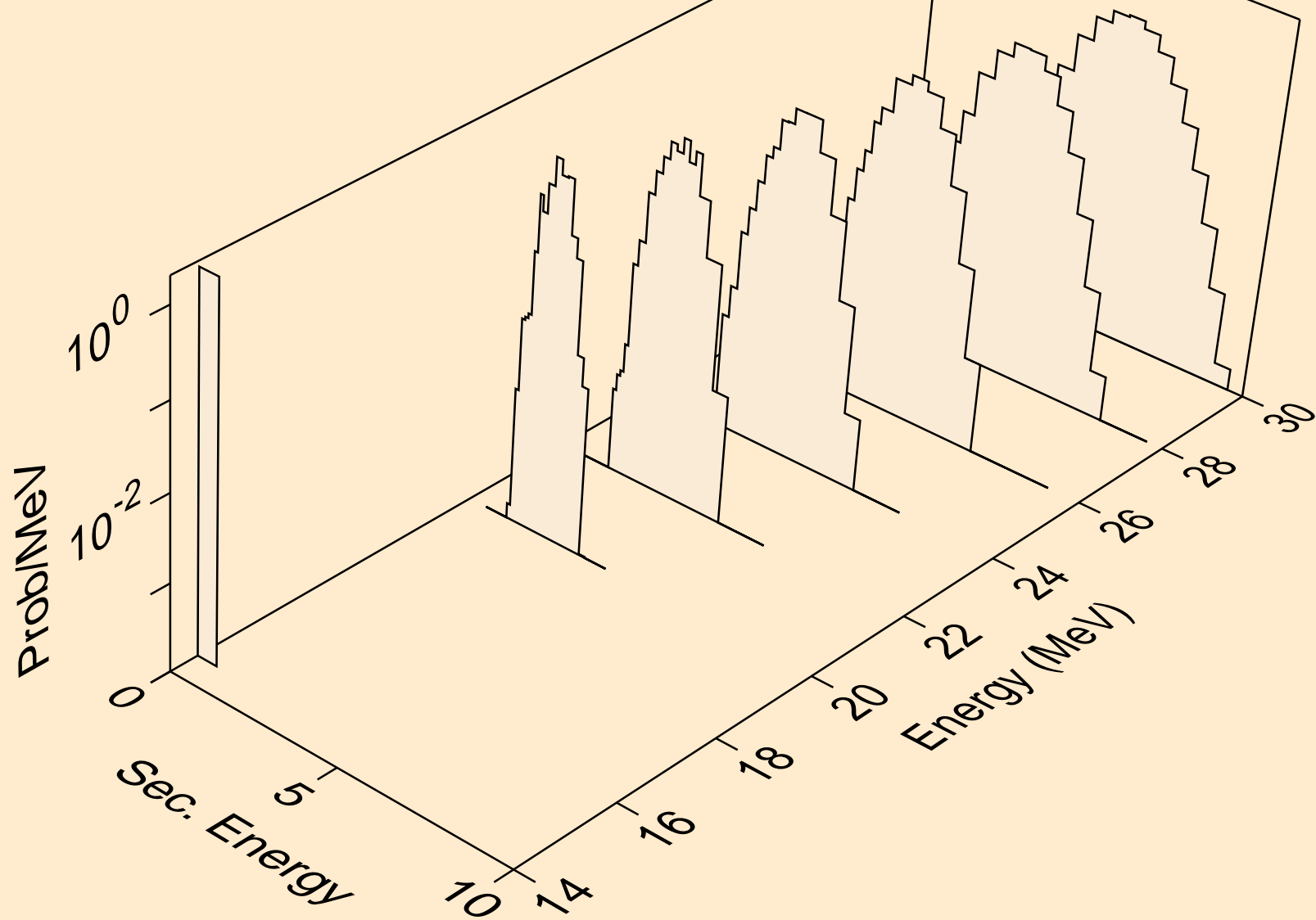
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alphas from (s,n\*)a



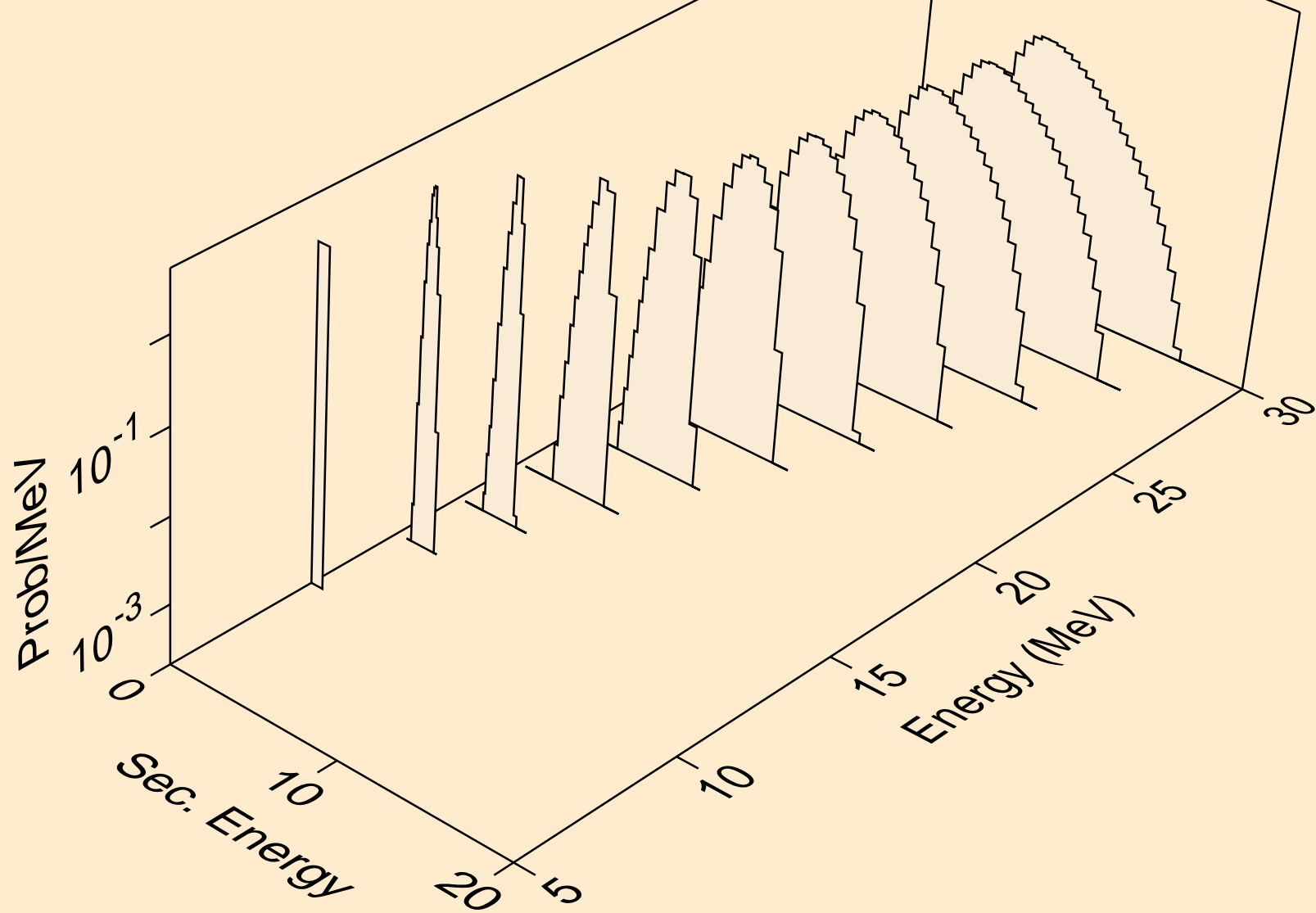
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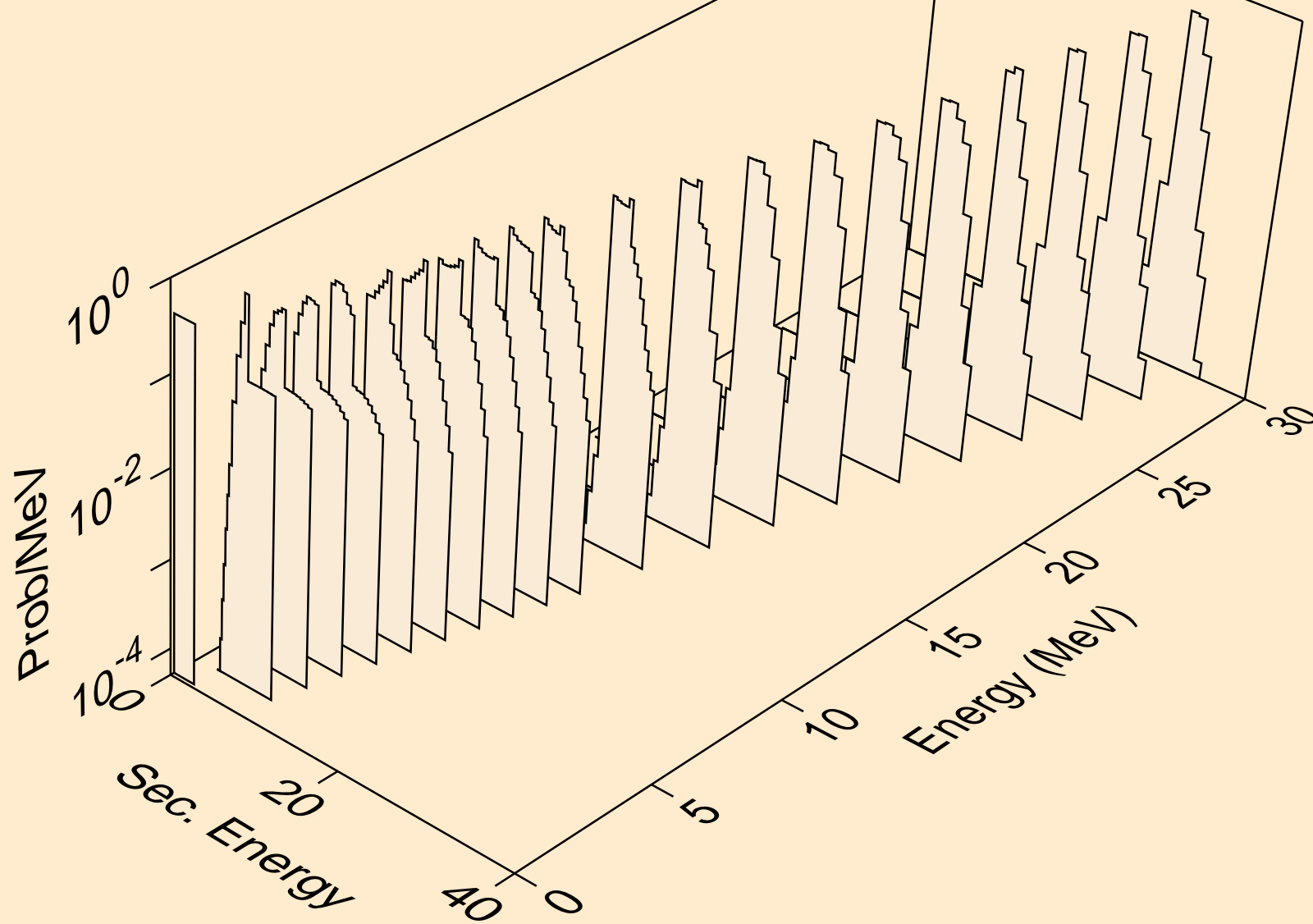
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alphas from (s,n\*)2a



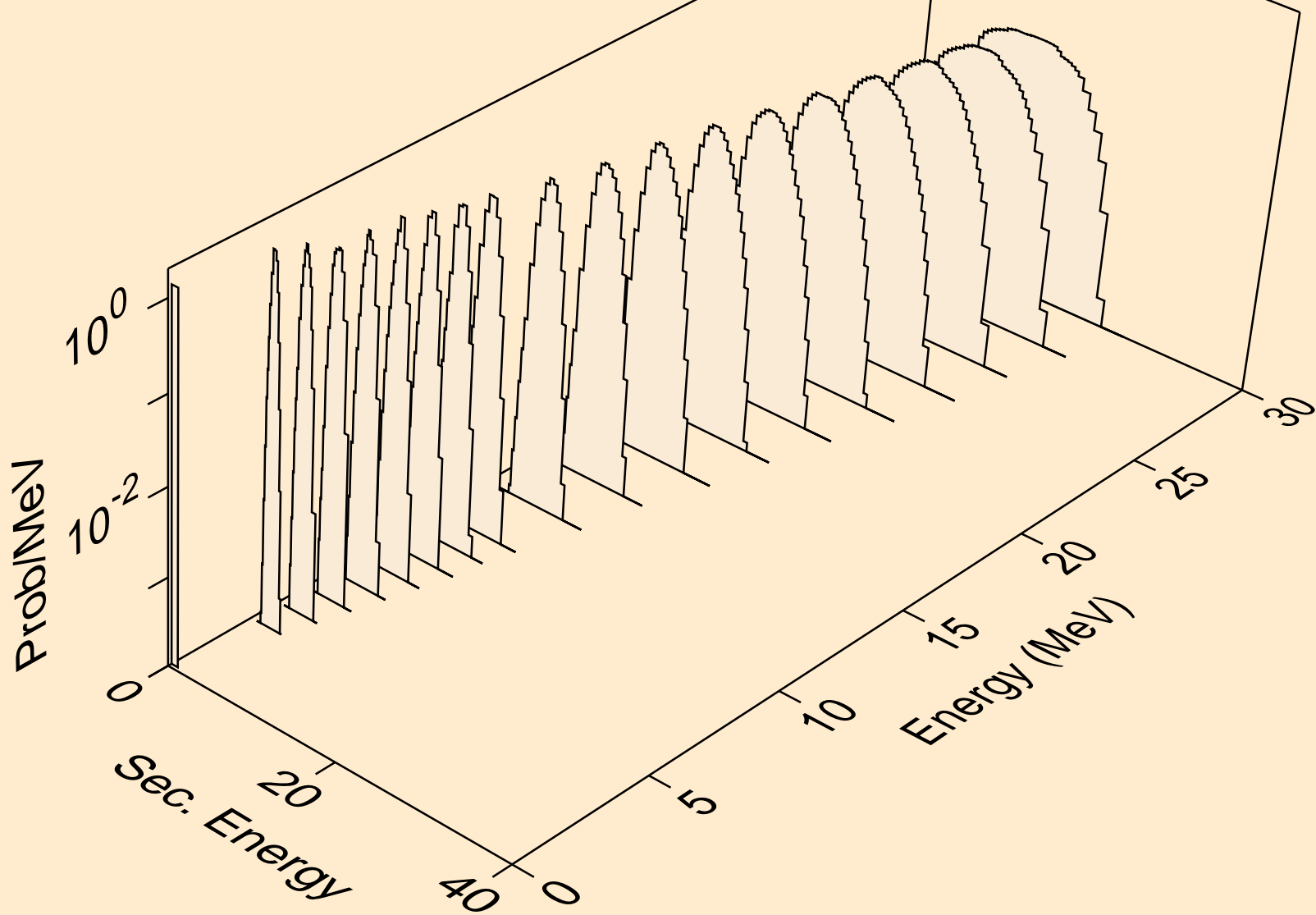
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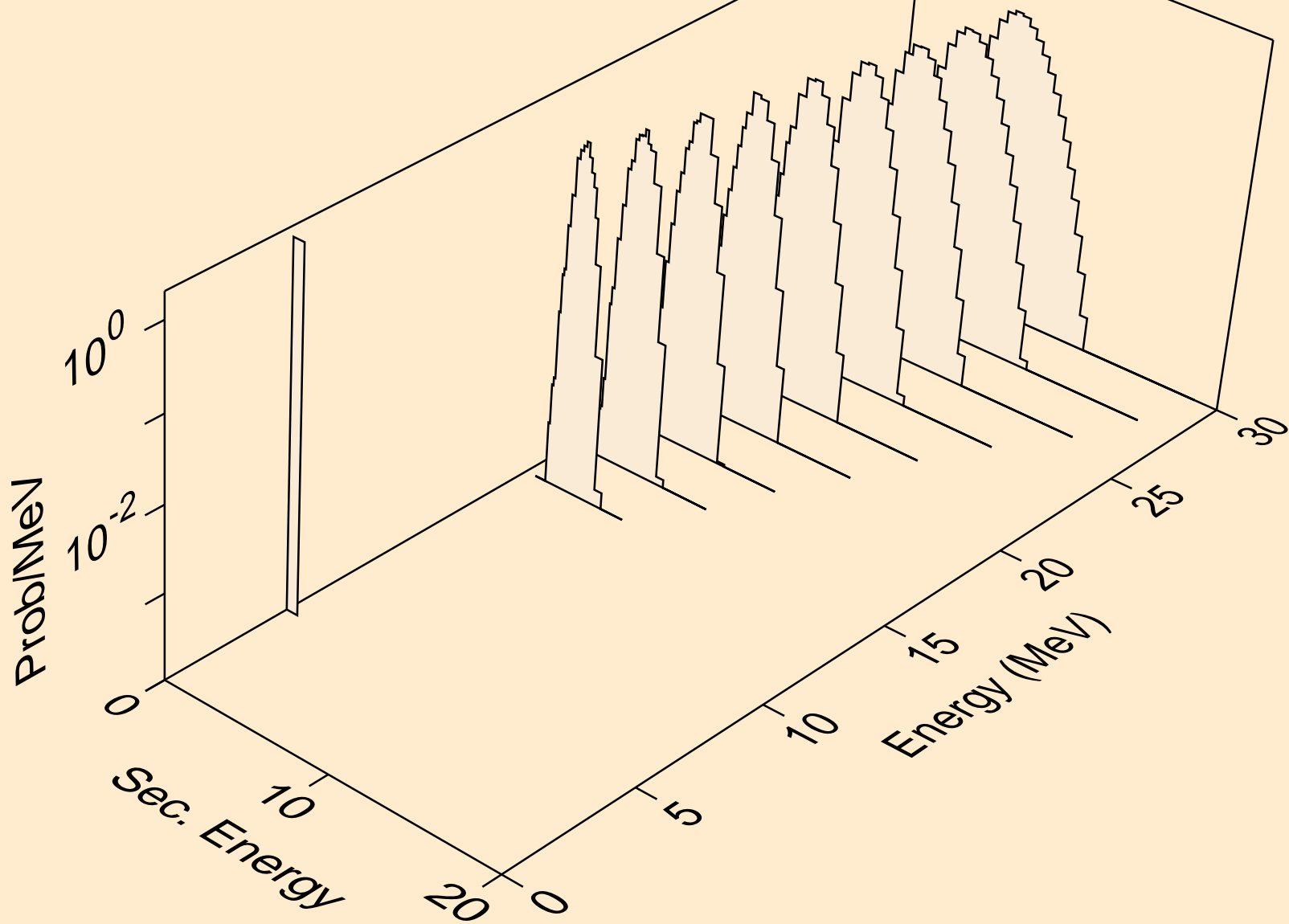
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alphas from (s,a)



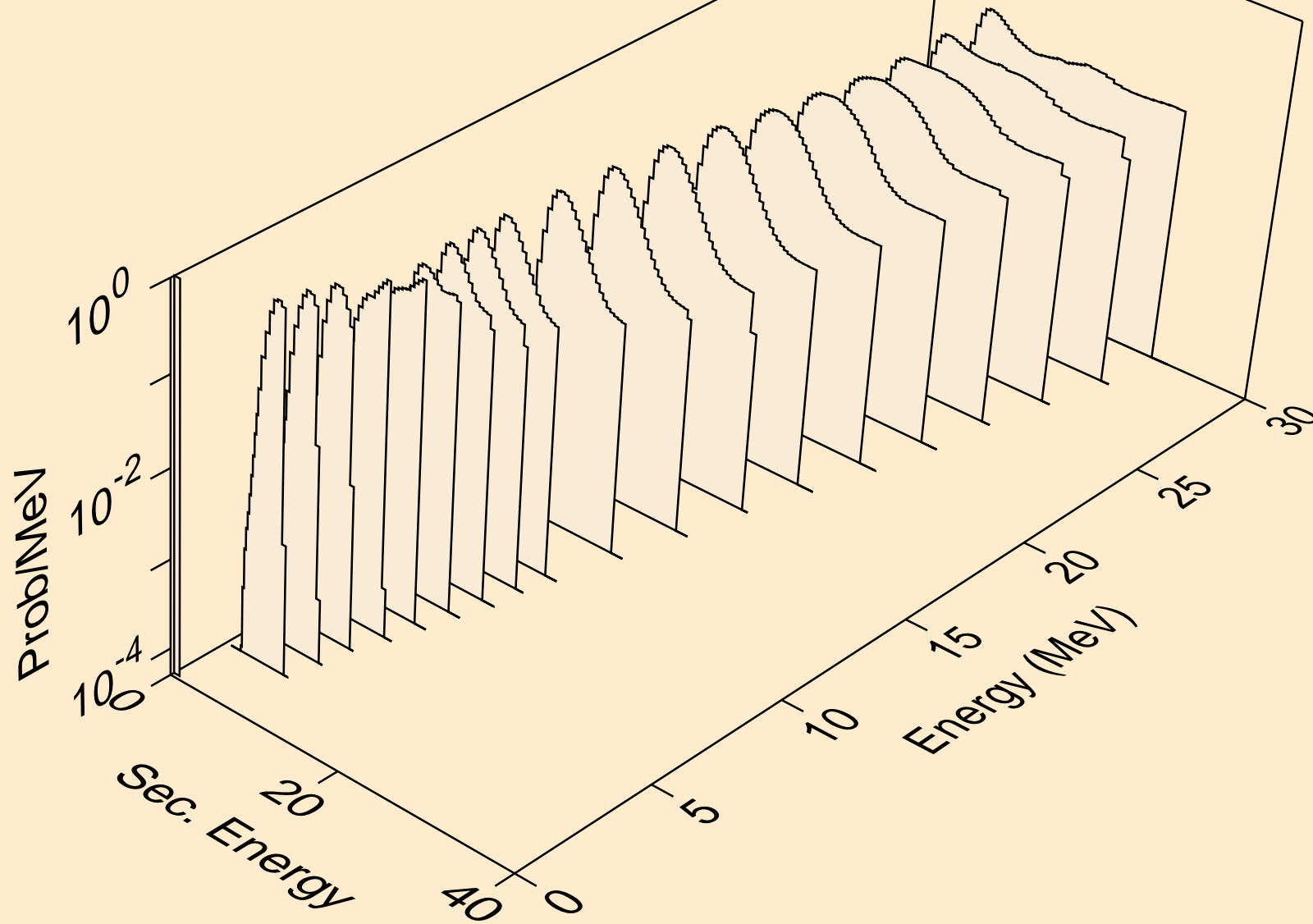
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alphas from (s,2a)



K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3a)

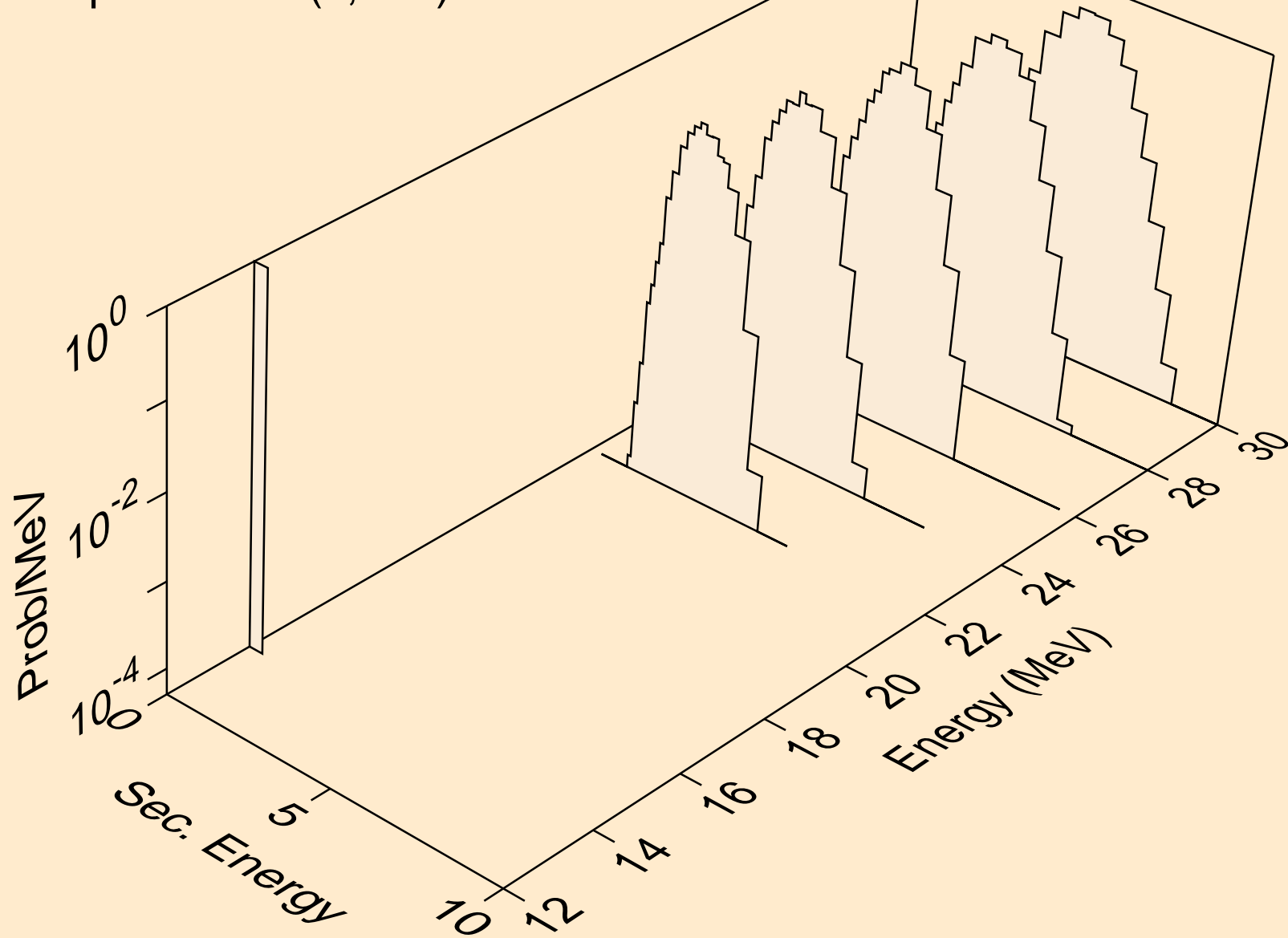


K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)





K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,d2a)



K038 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

