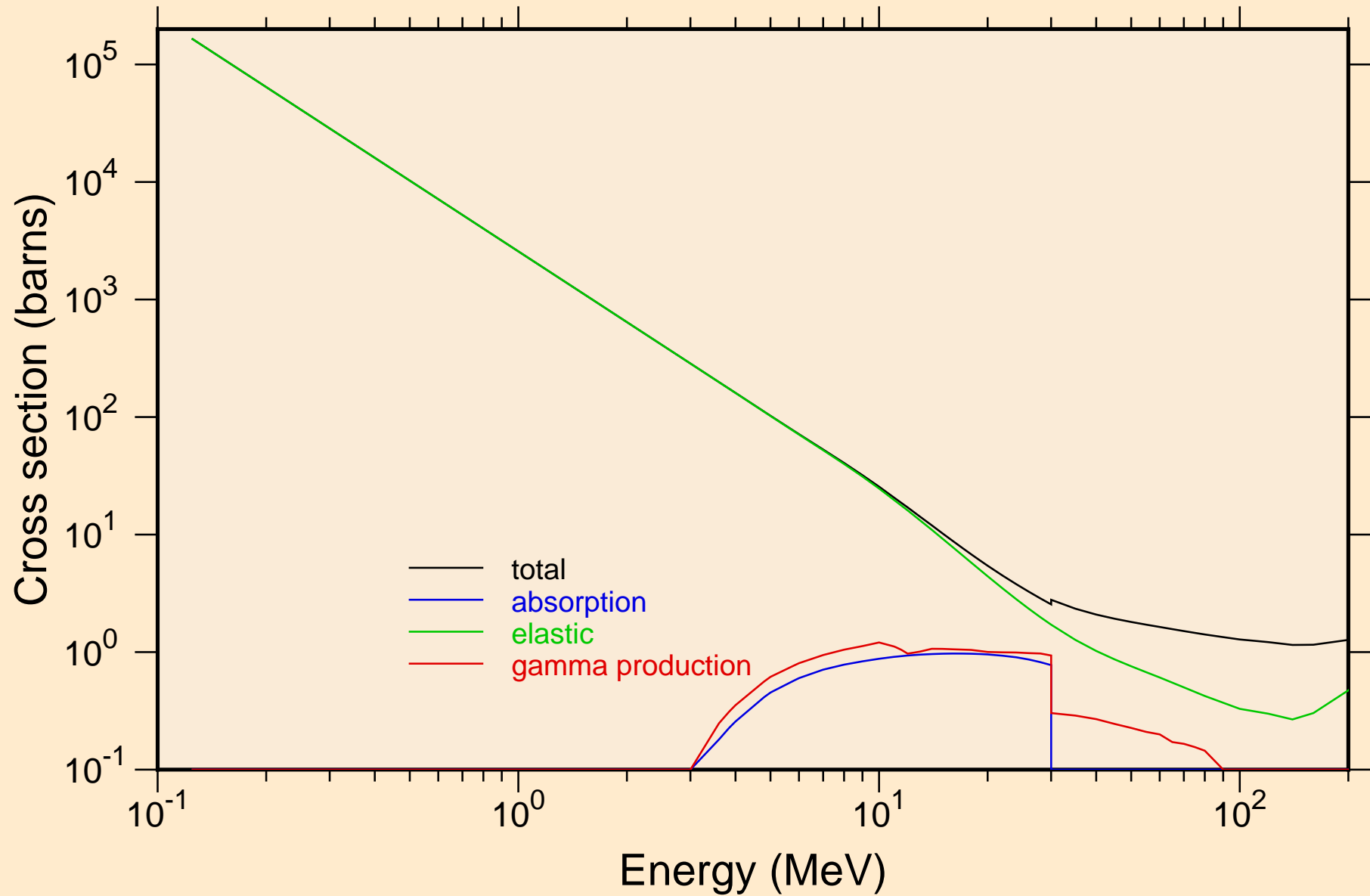


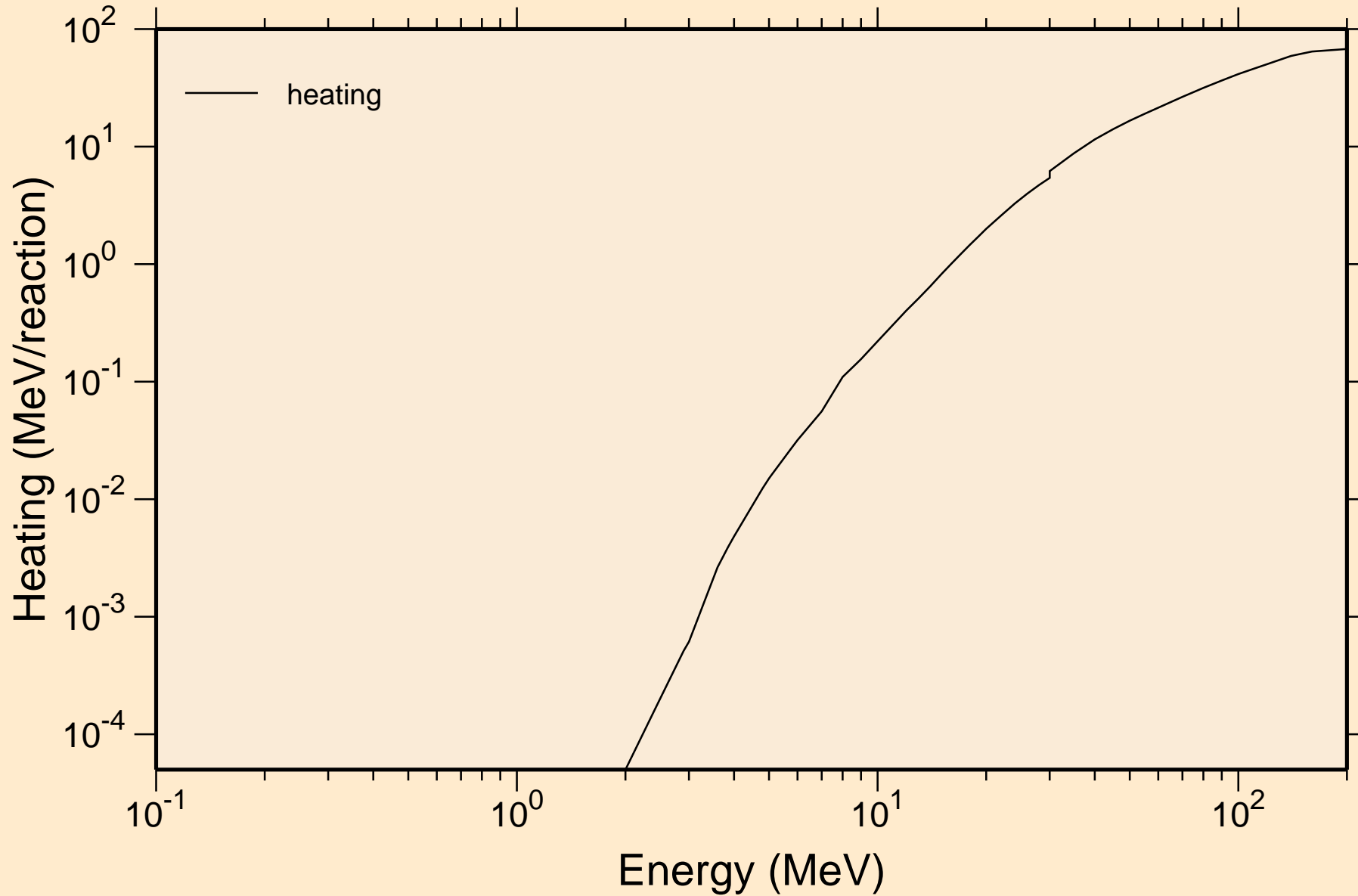
# F022 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



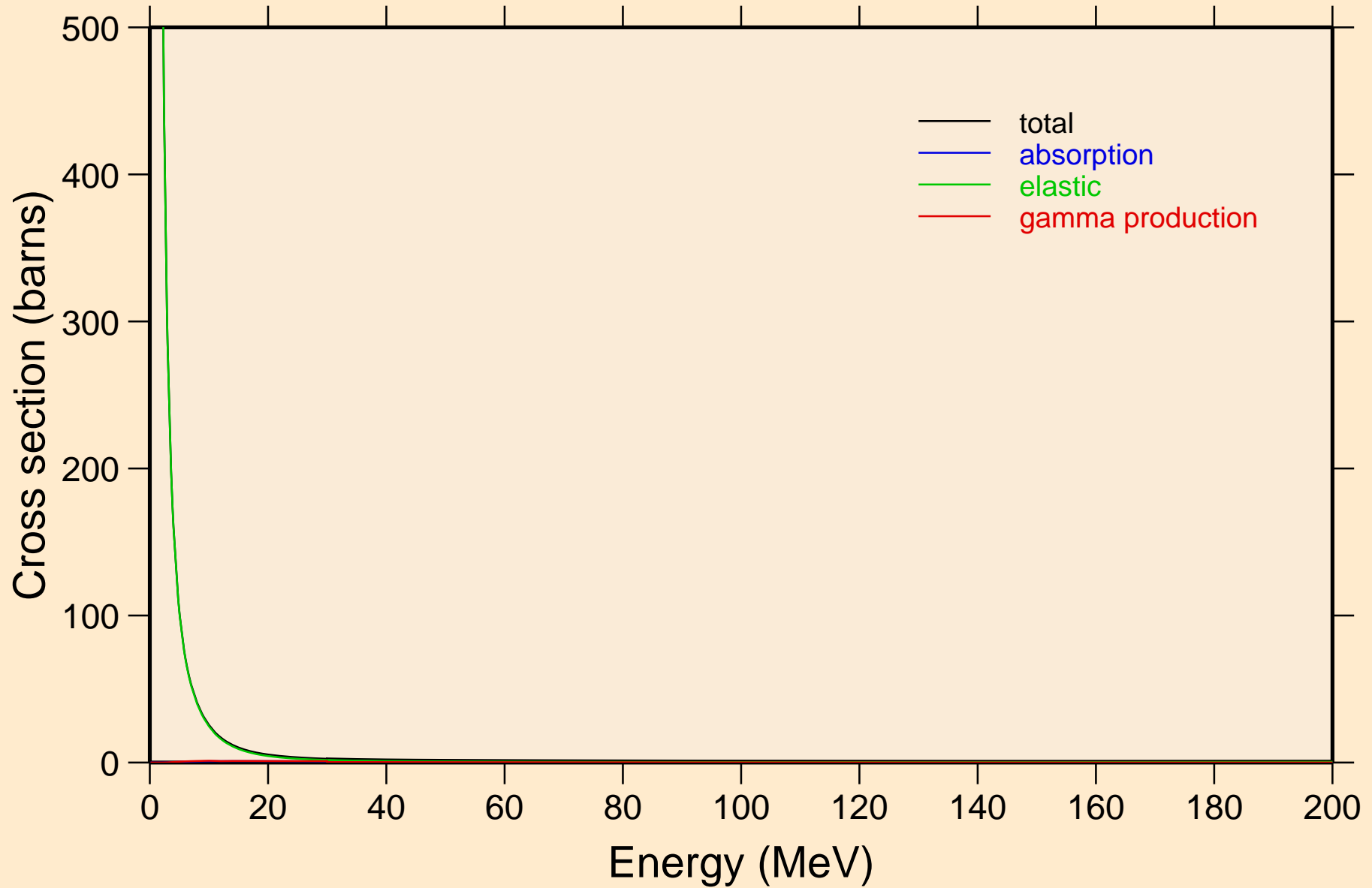
# F022 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



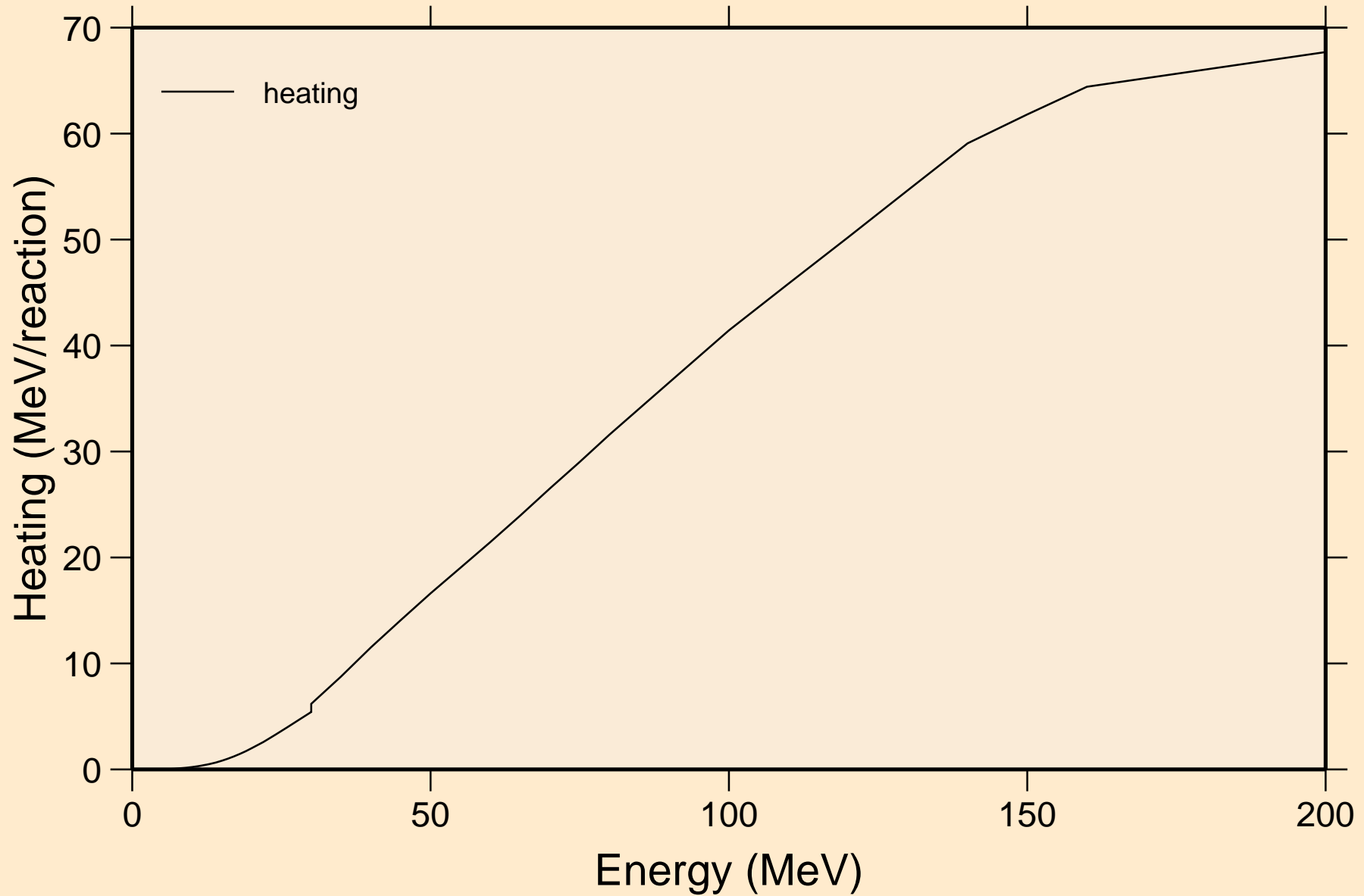
# F022 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

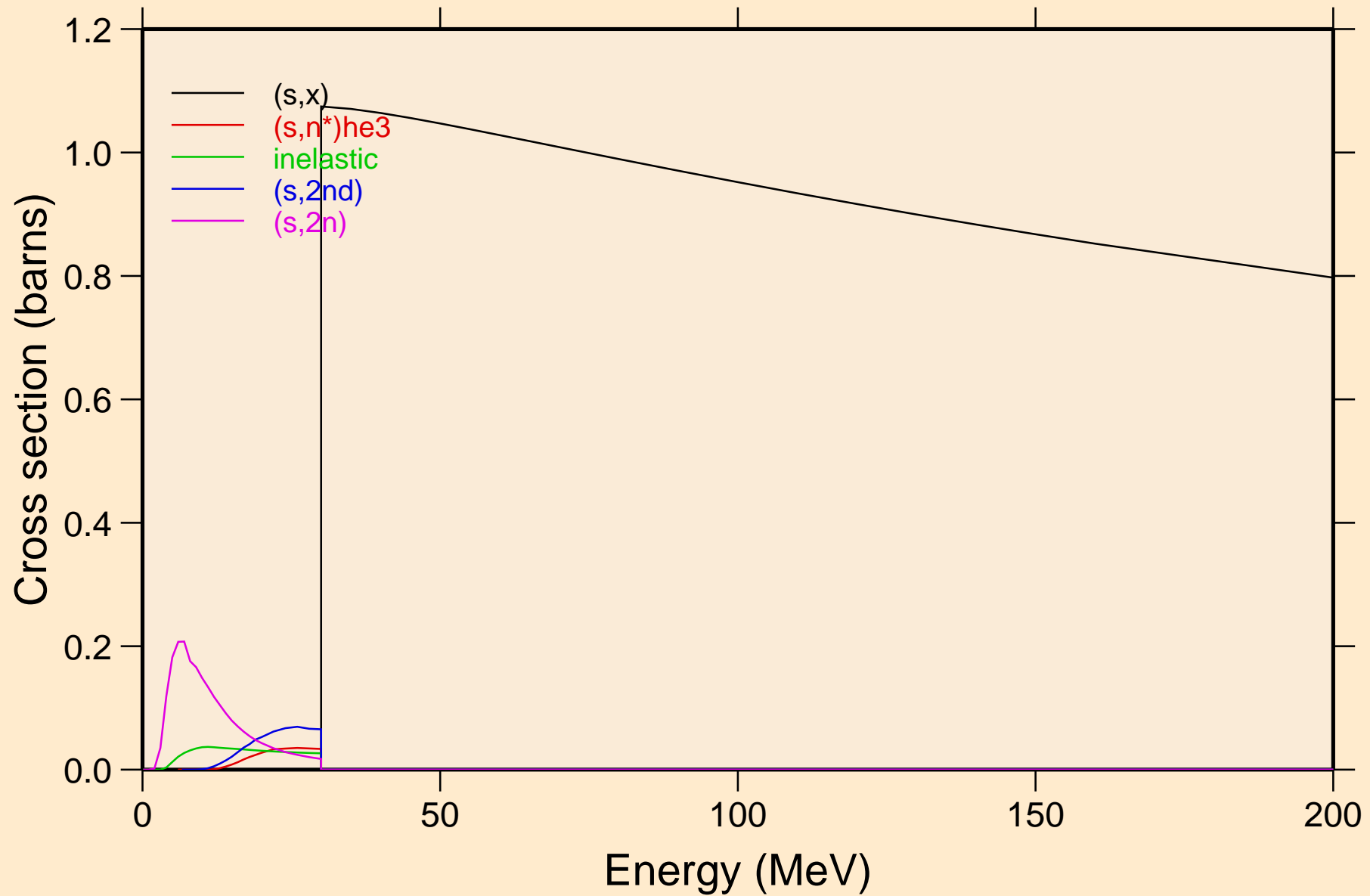


# F022 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating

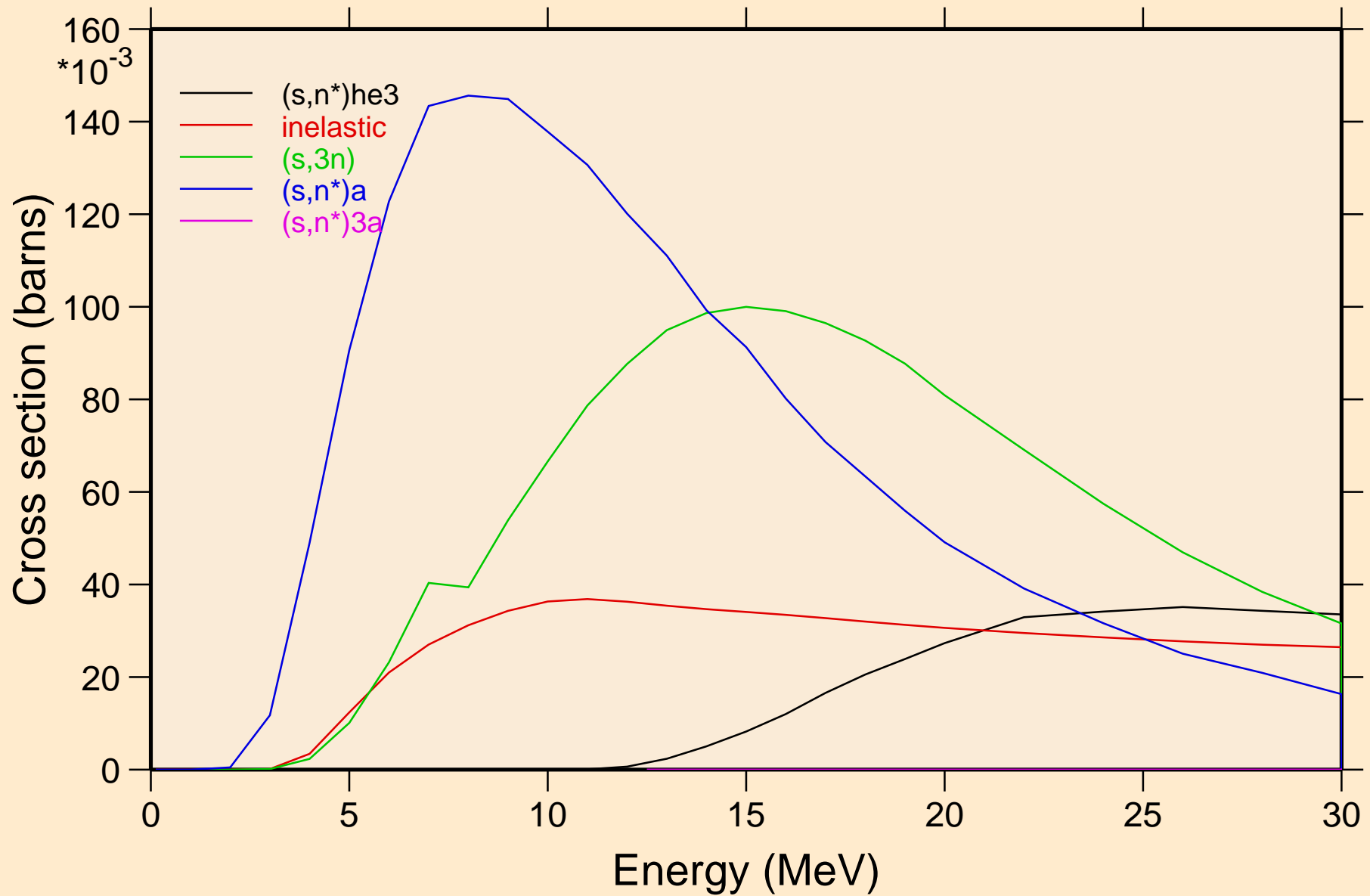


F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



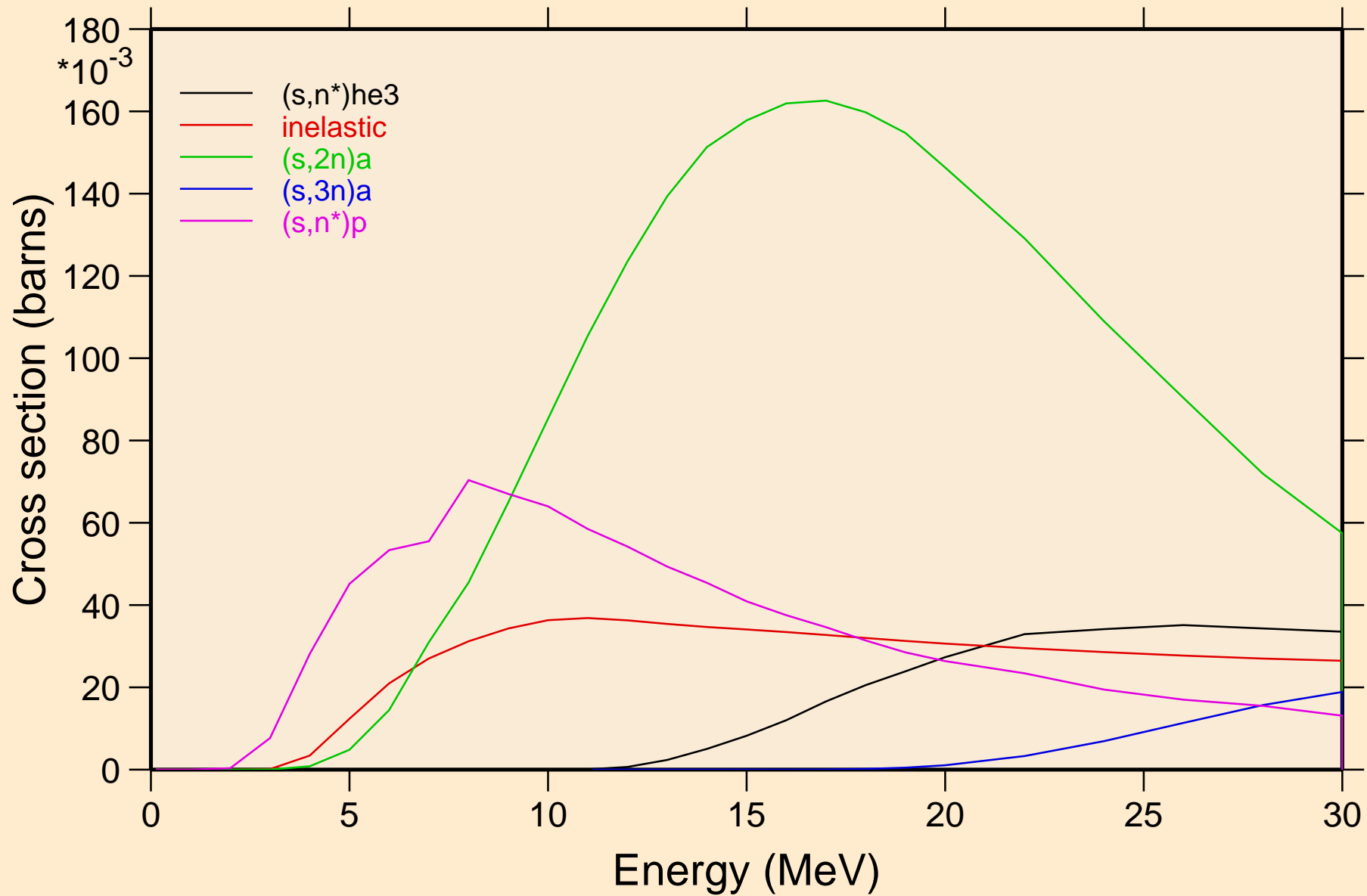
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## Threshold reactions

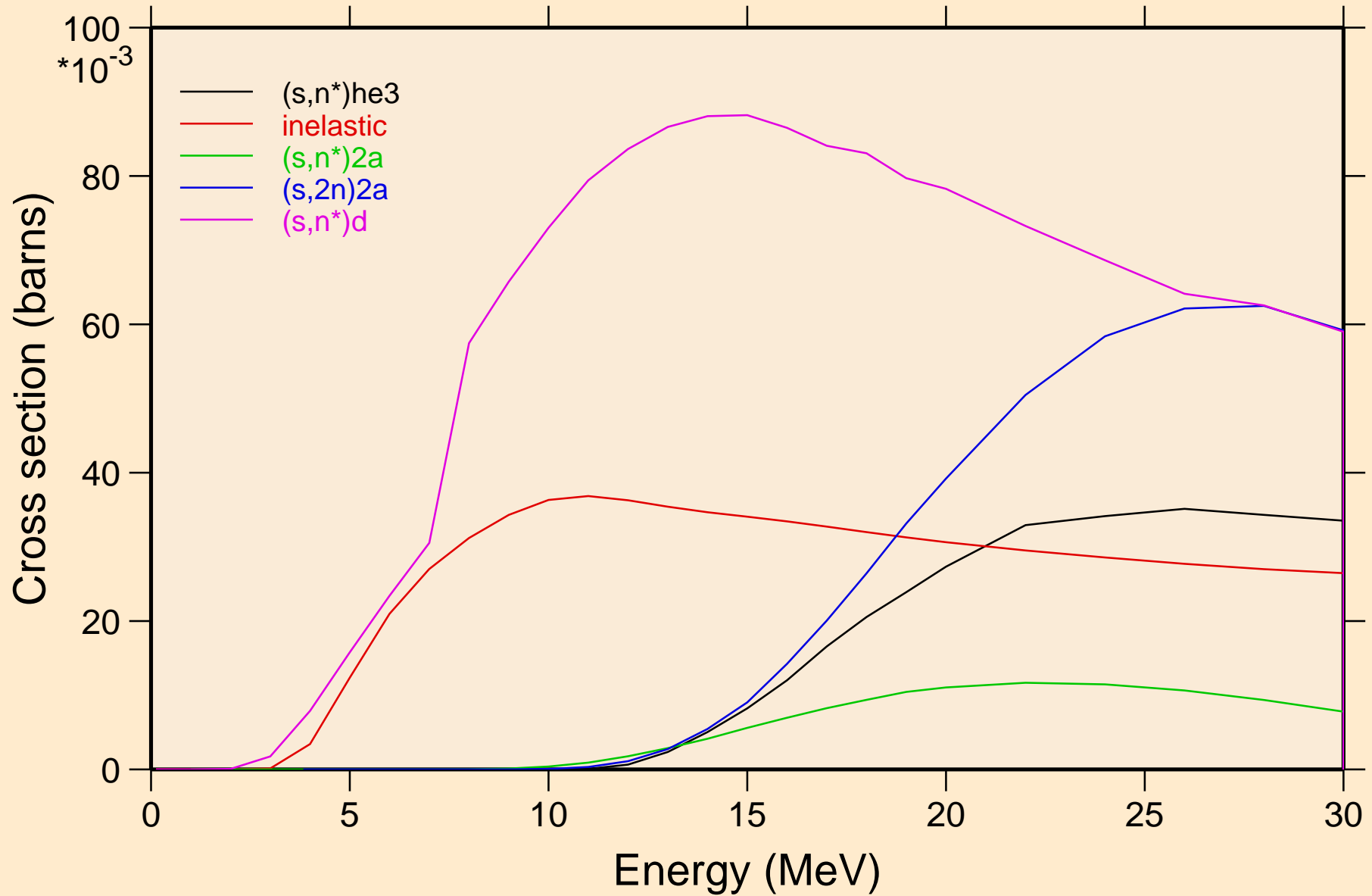


# F022 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

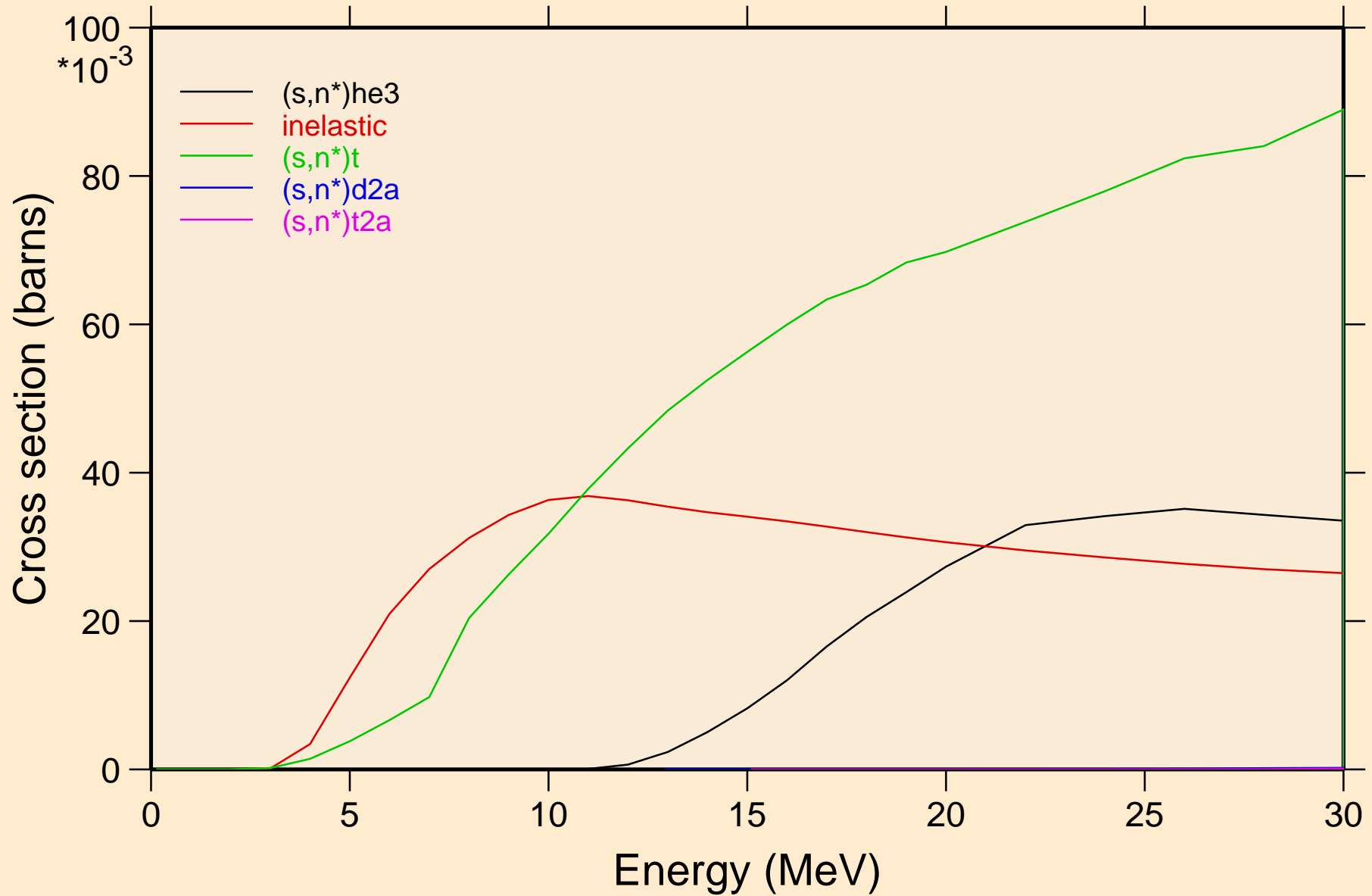


F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



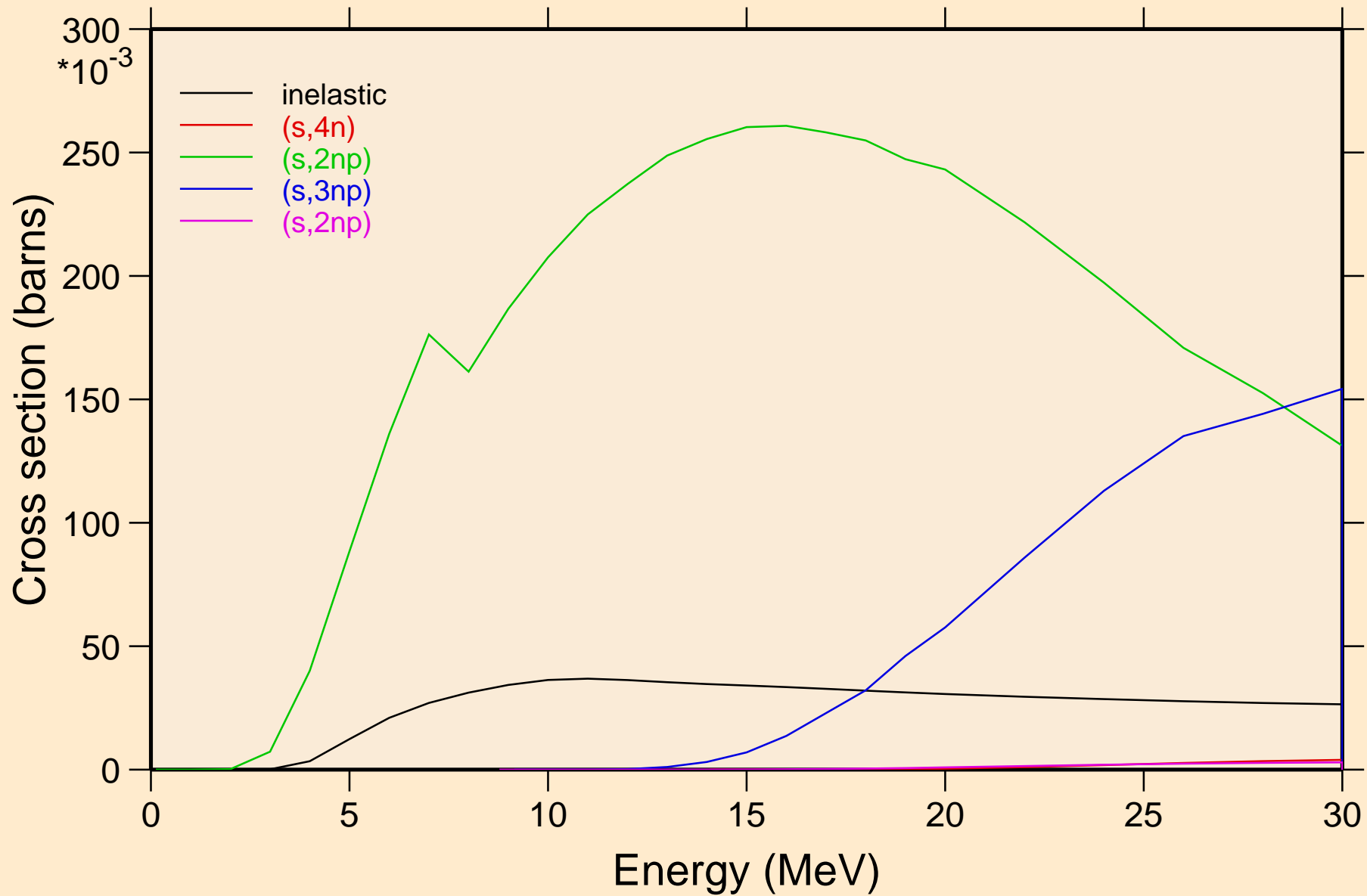


F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



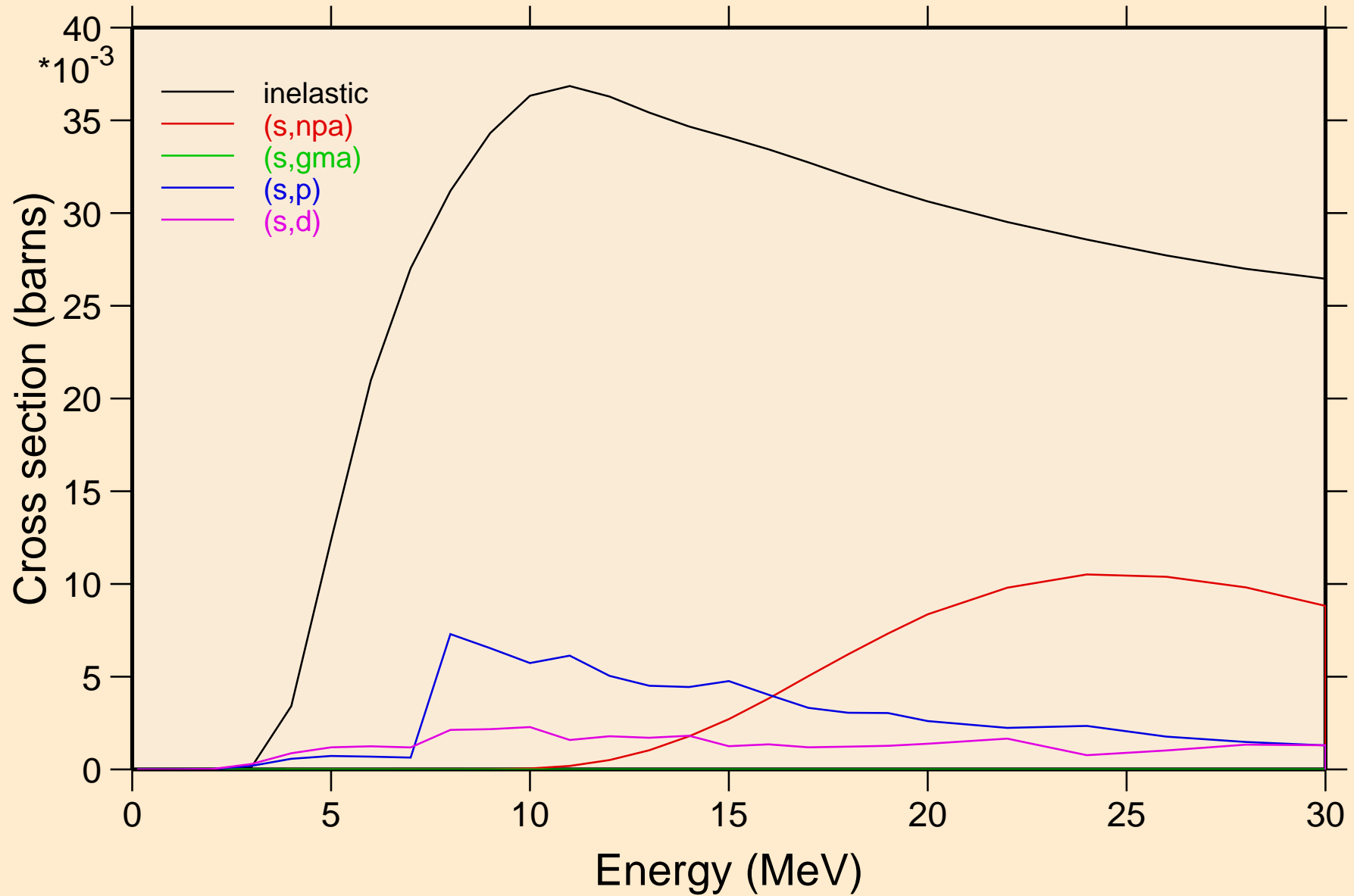
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## Threshold reactions



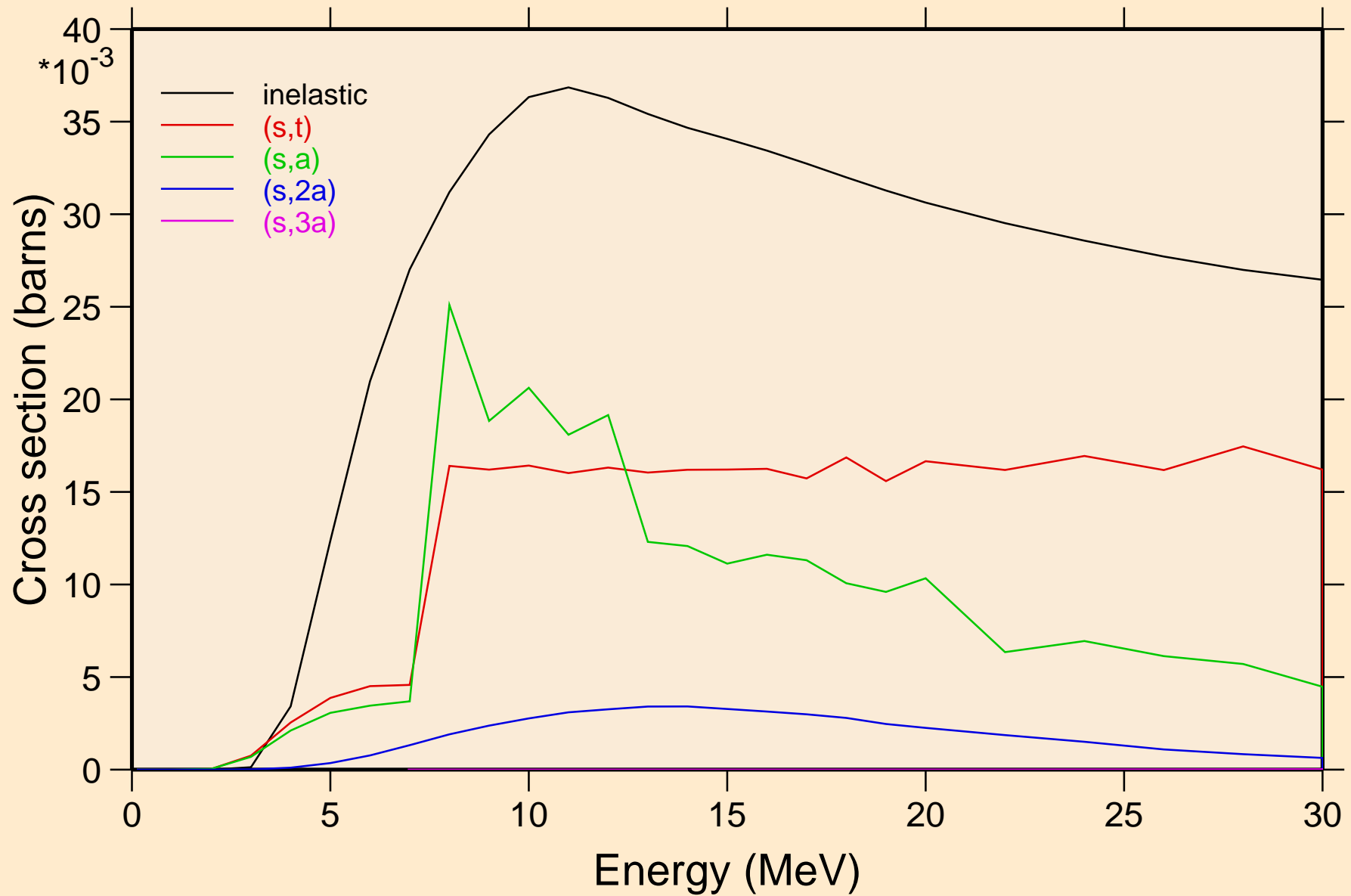
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## Threshold reactions

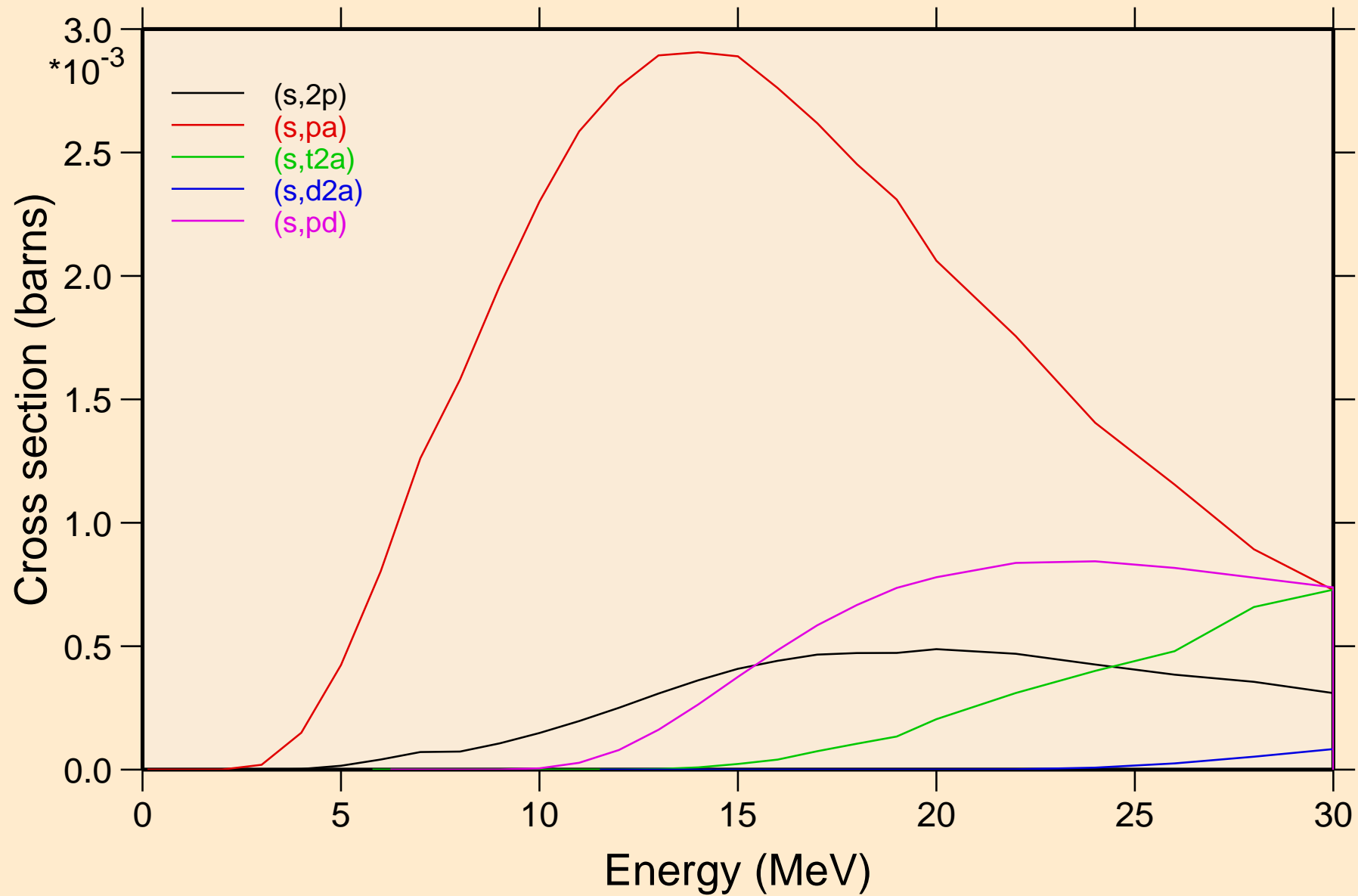


# F022 HELION ACER TENDL-2021 LIBRARY; T=0.K

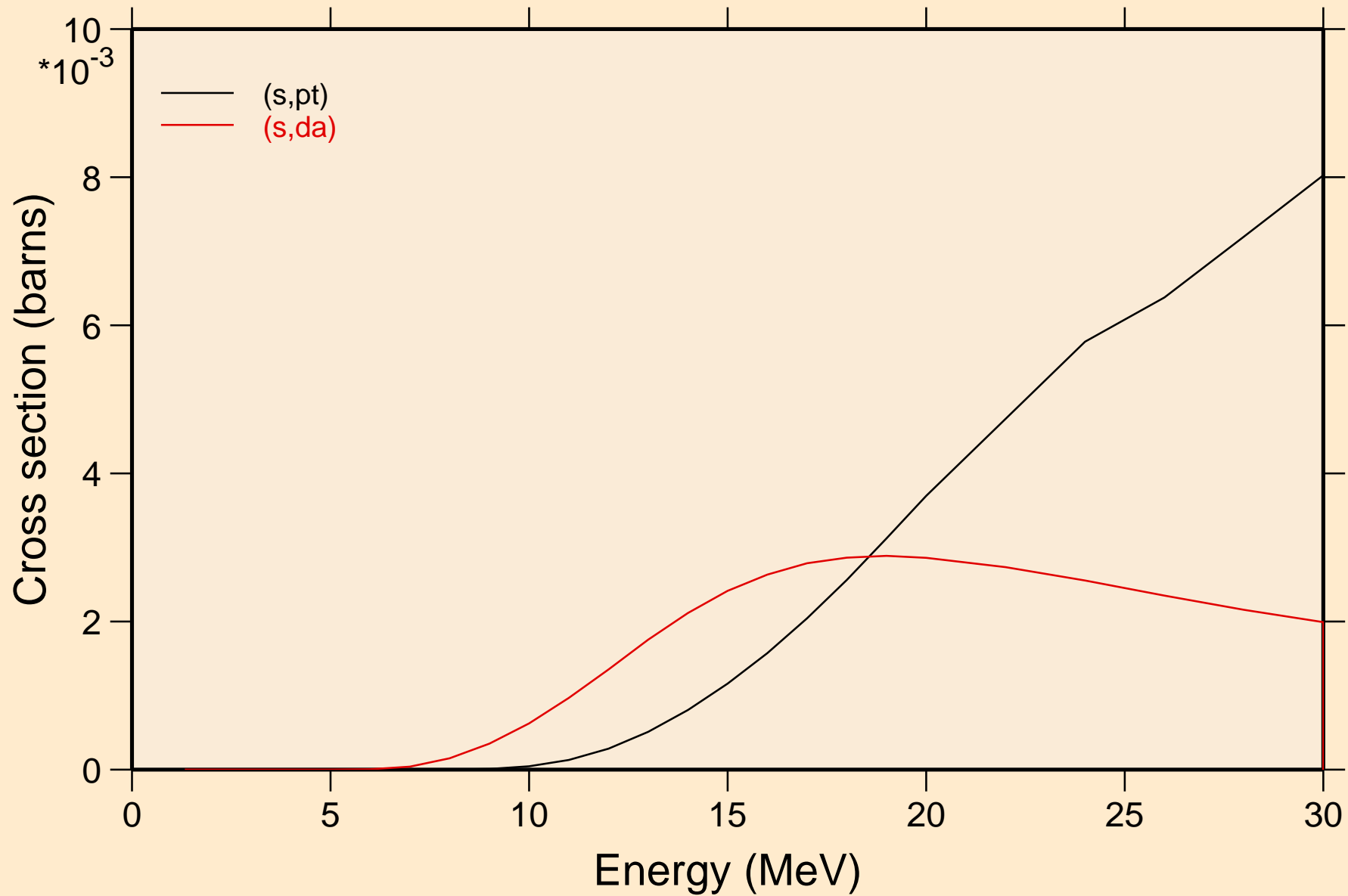
## Threshold reactions



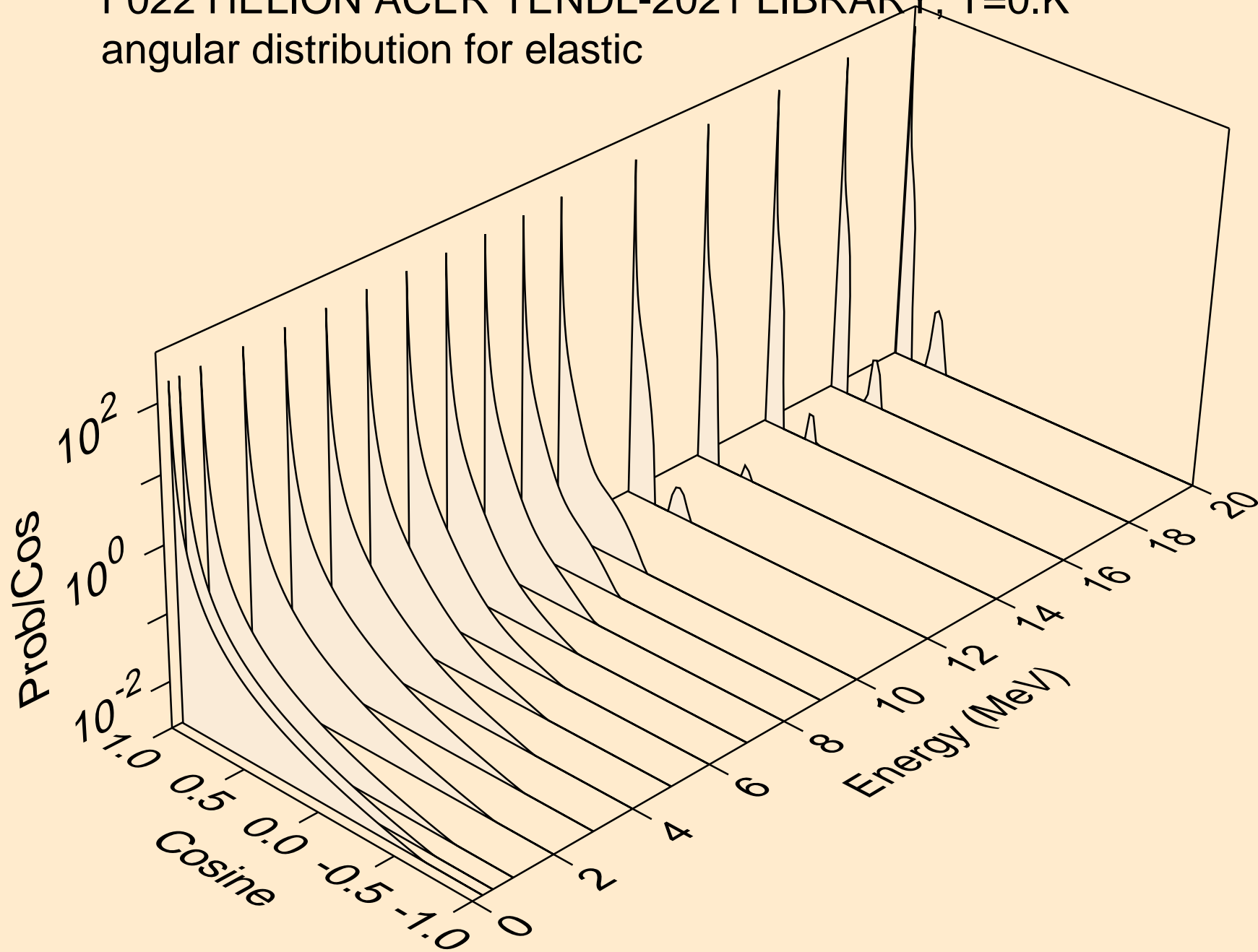
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



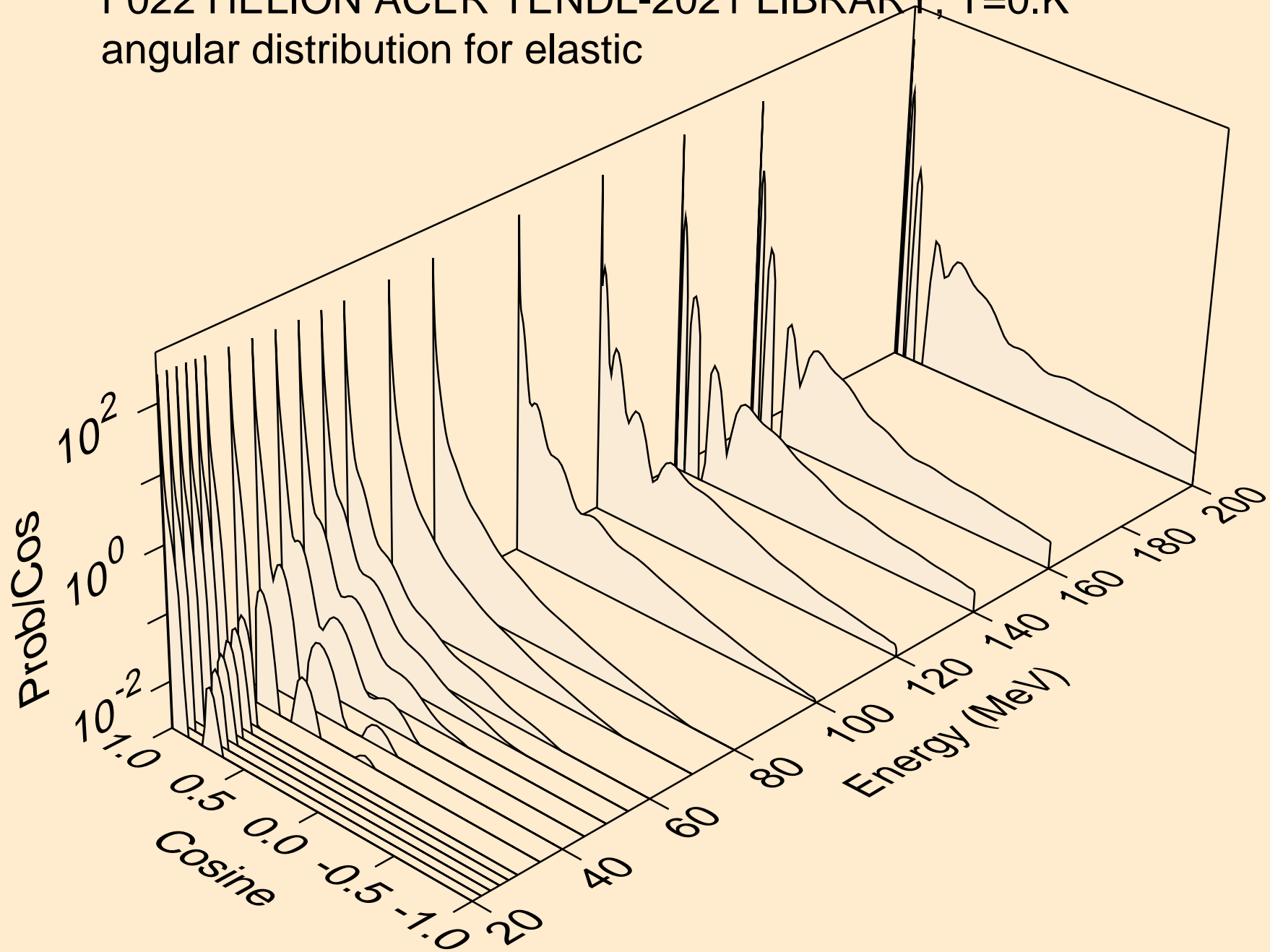
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

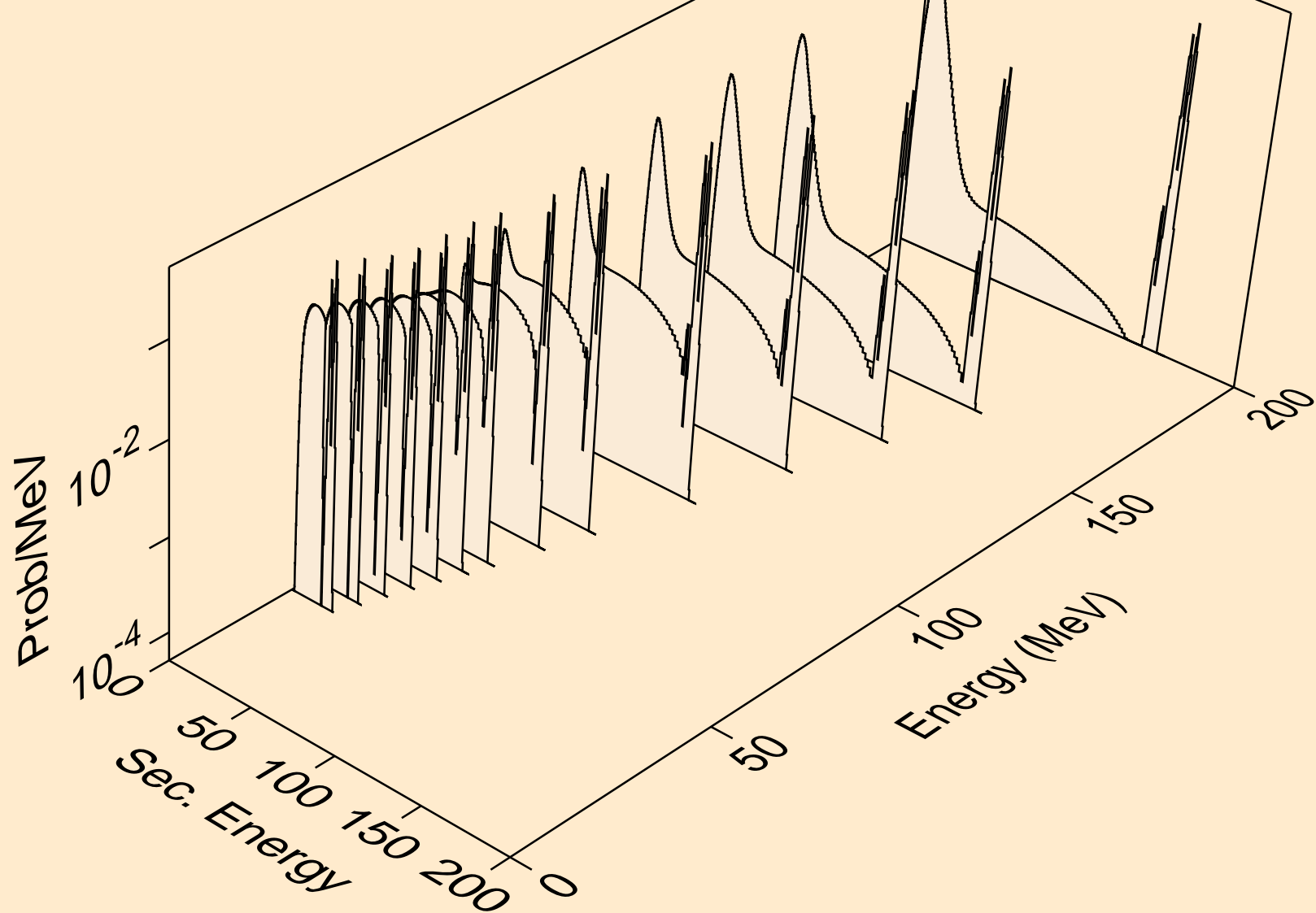


F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

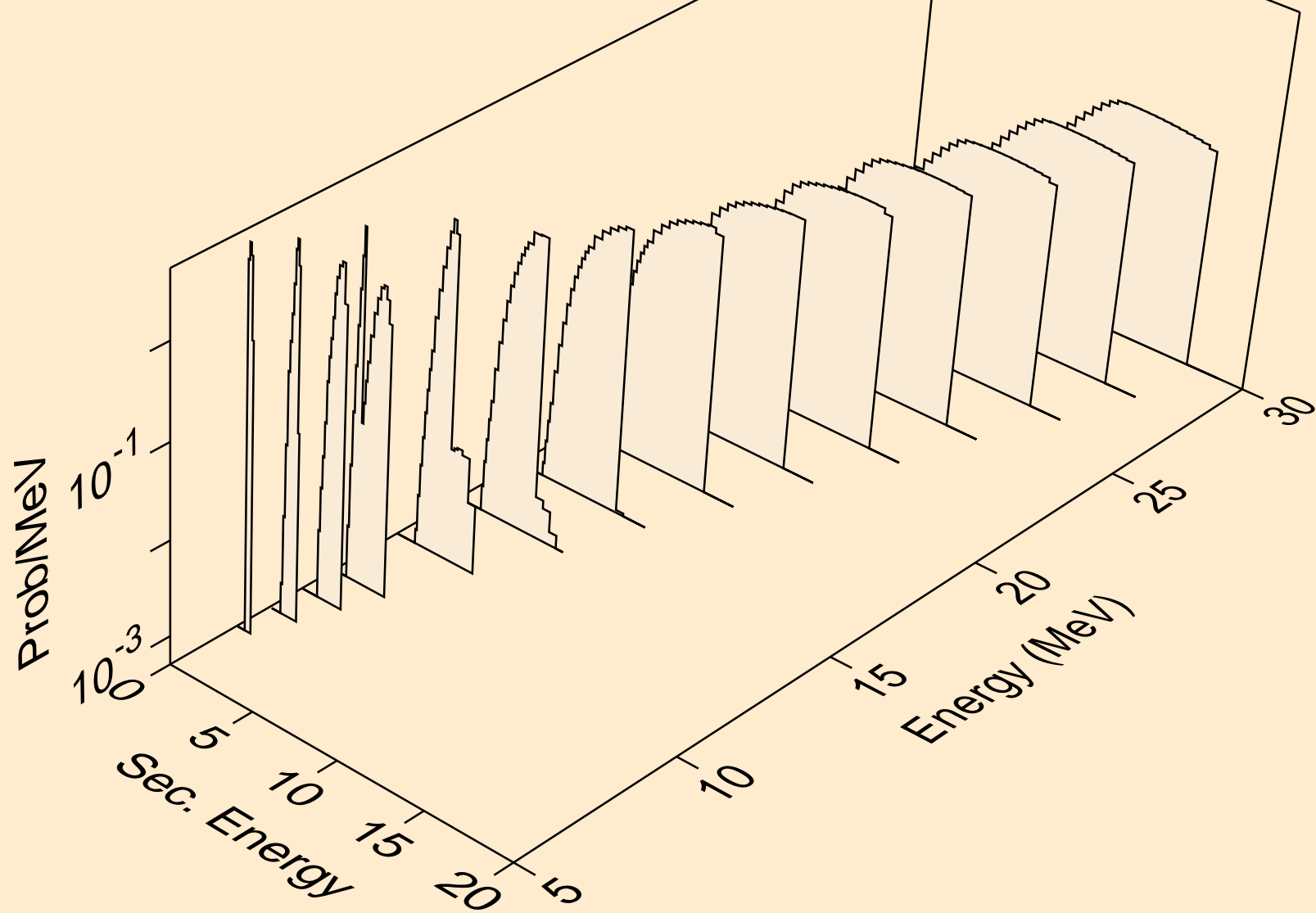




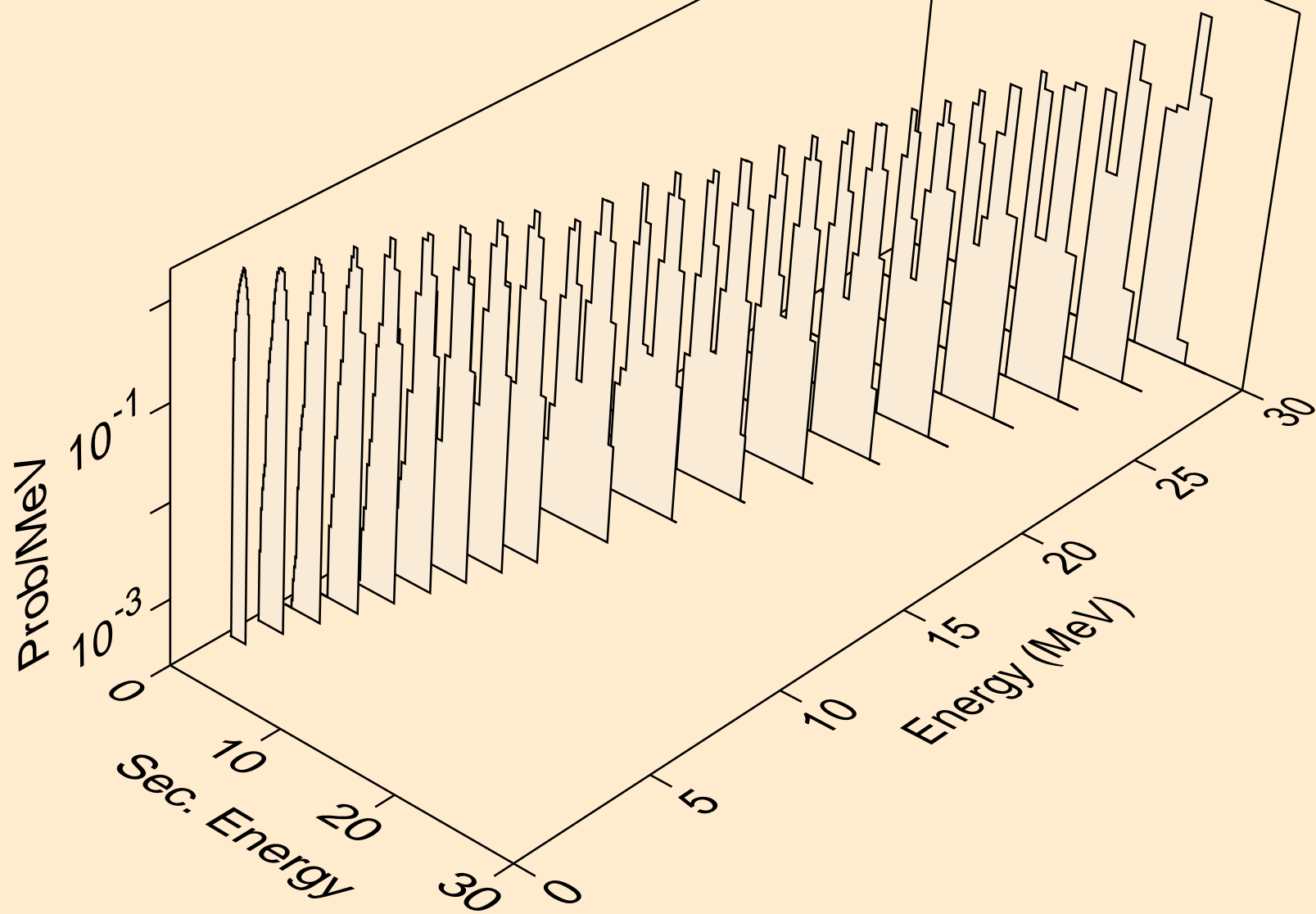
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



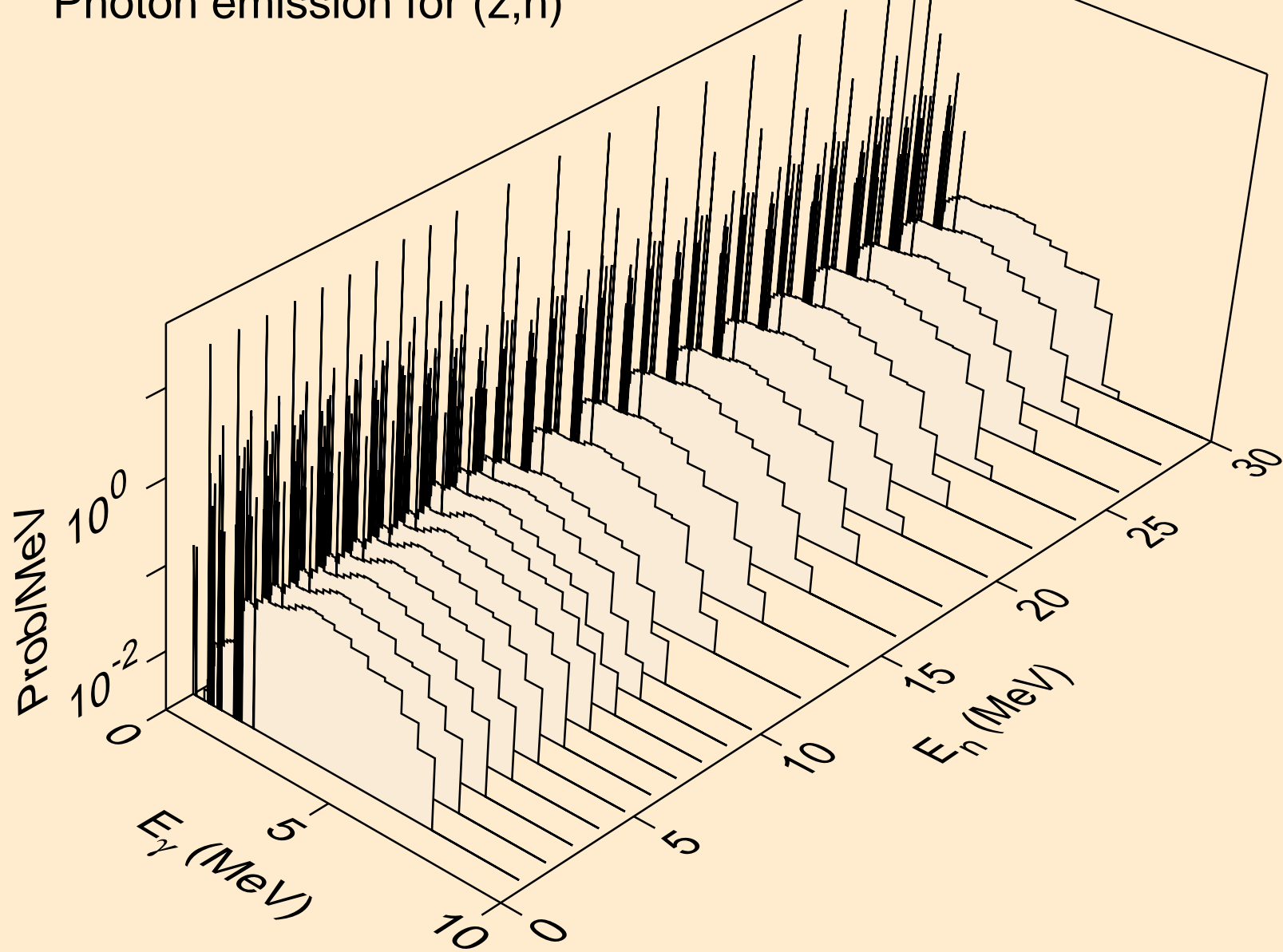
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



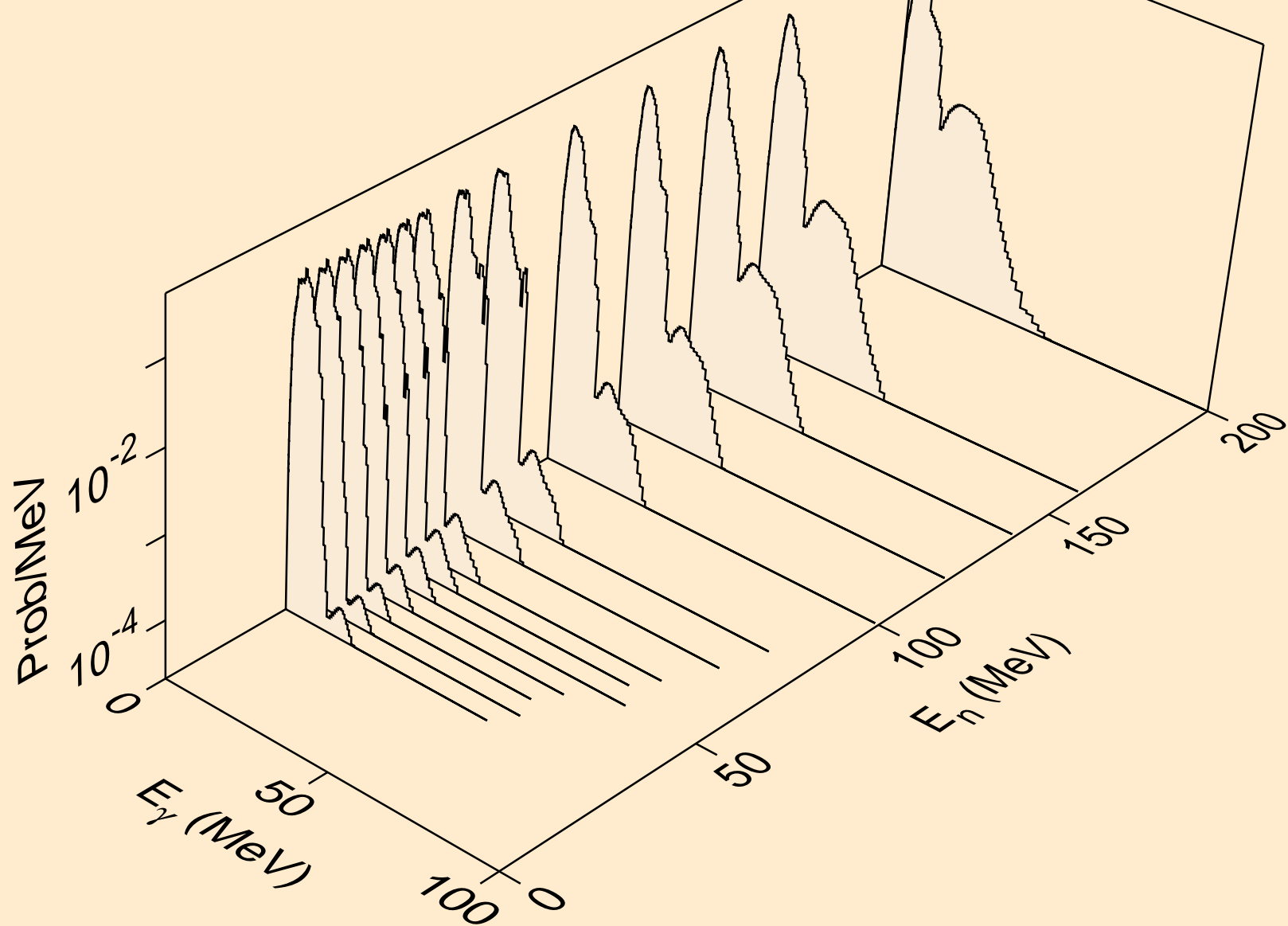
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



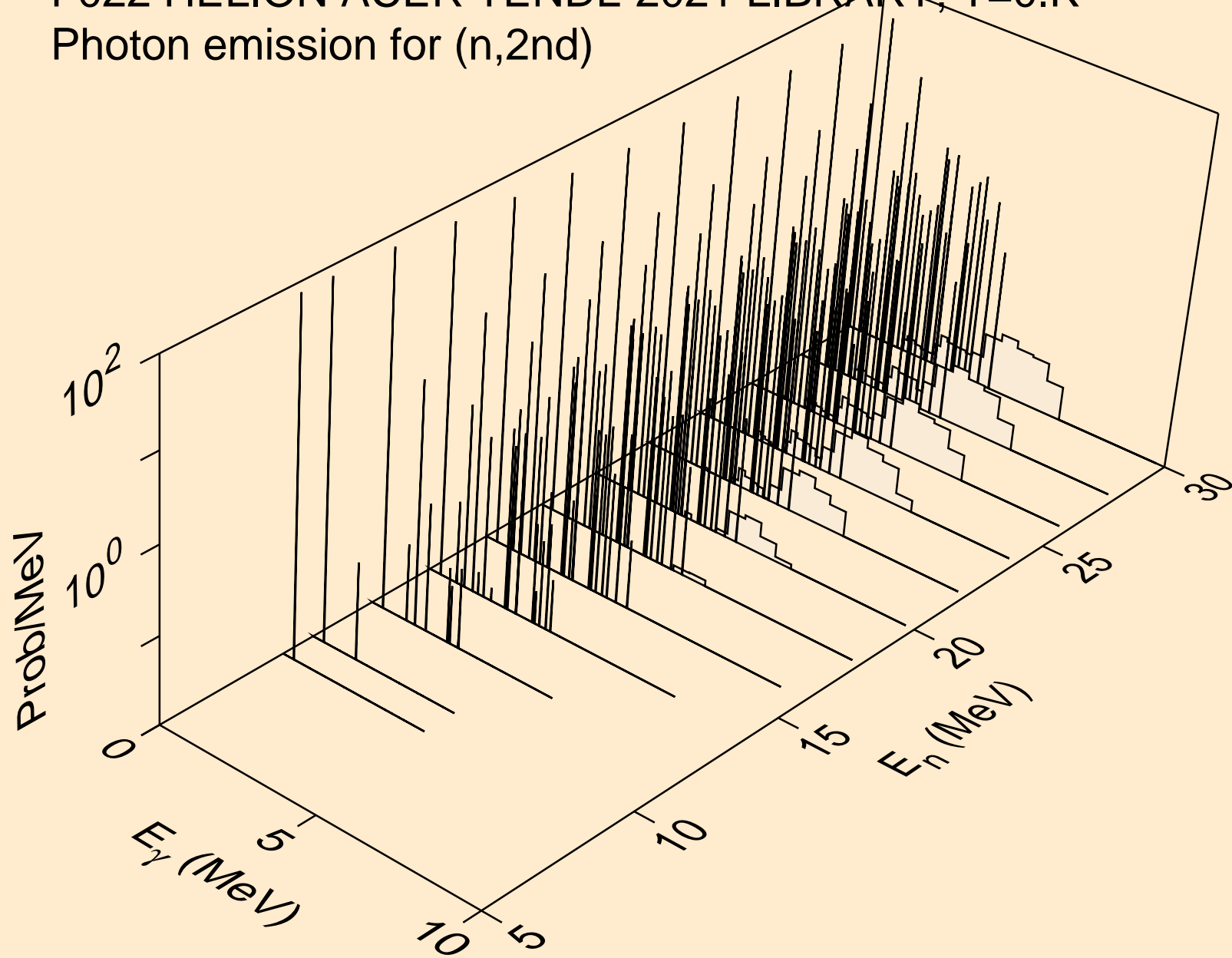
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



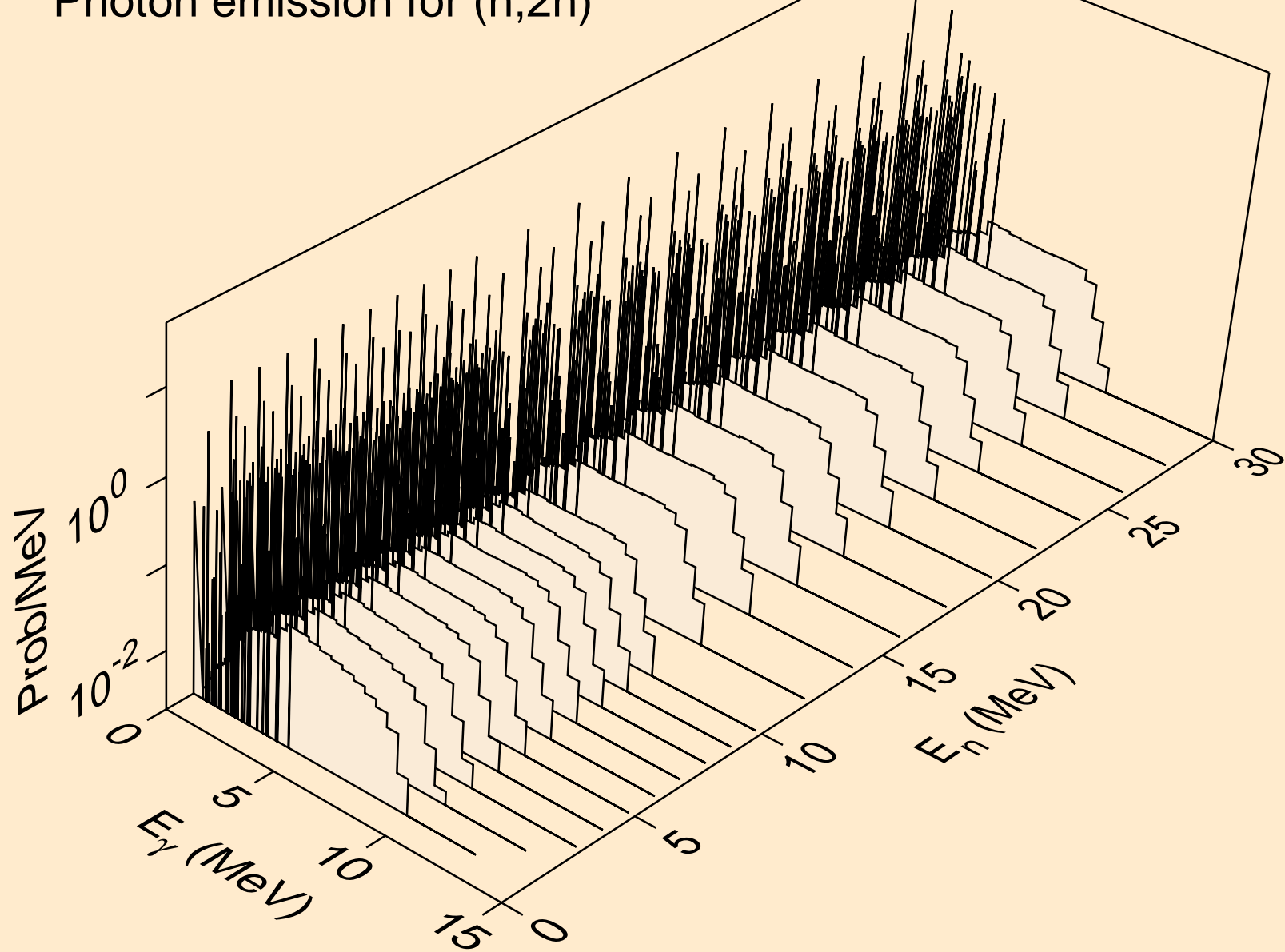
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Photon emission for (n,x)



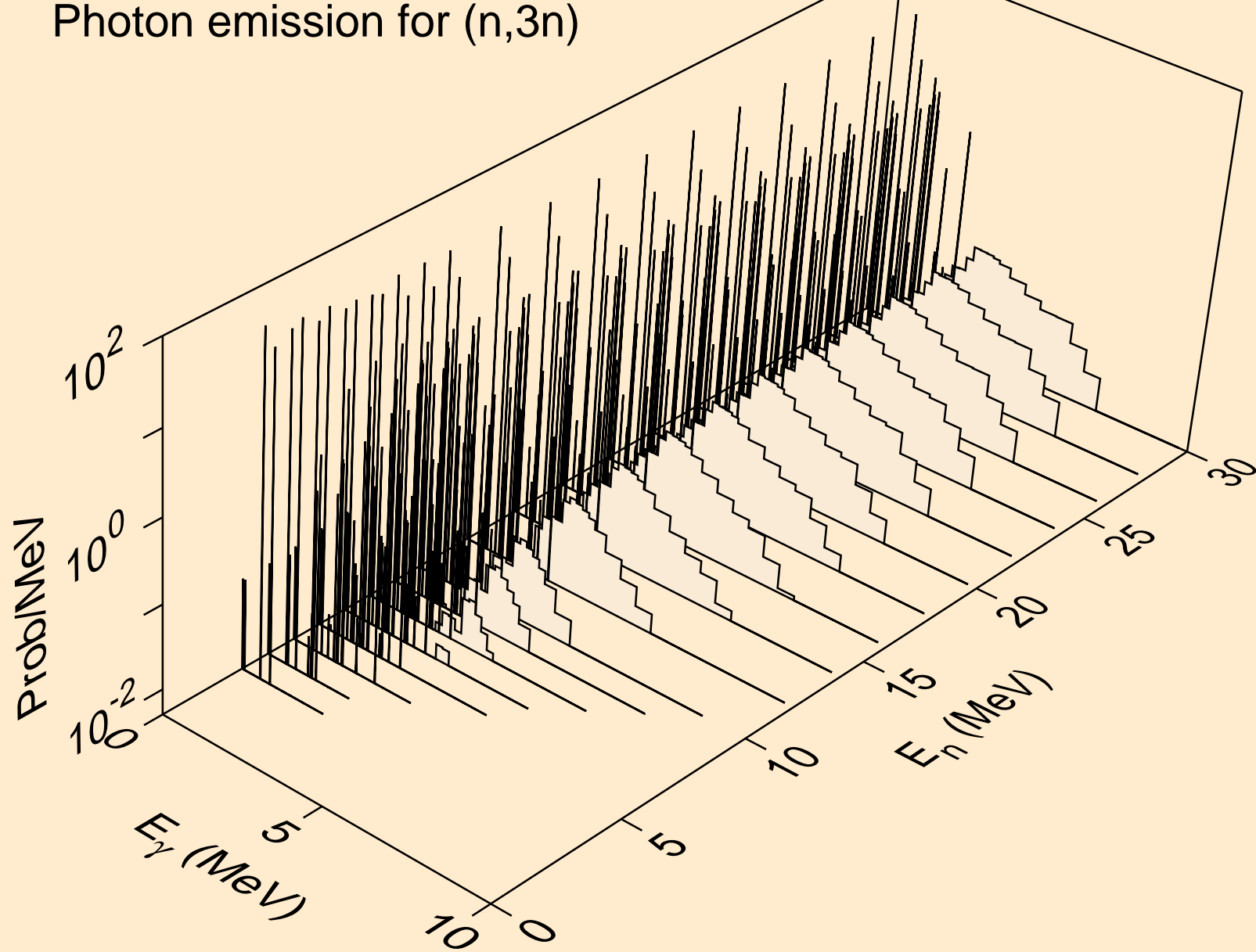
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

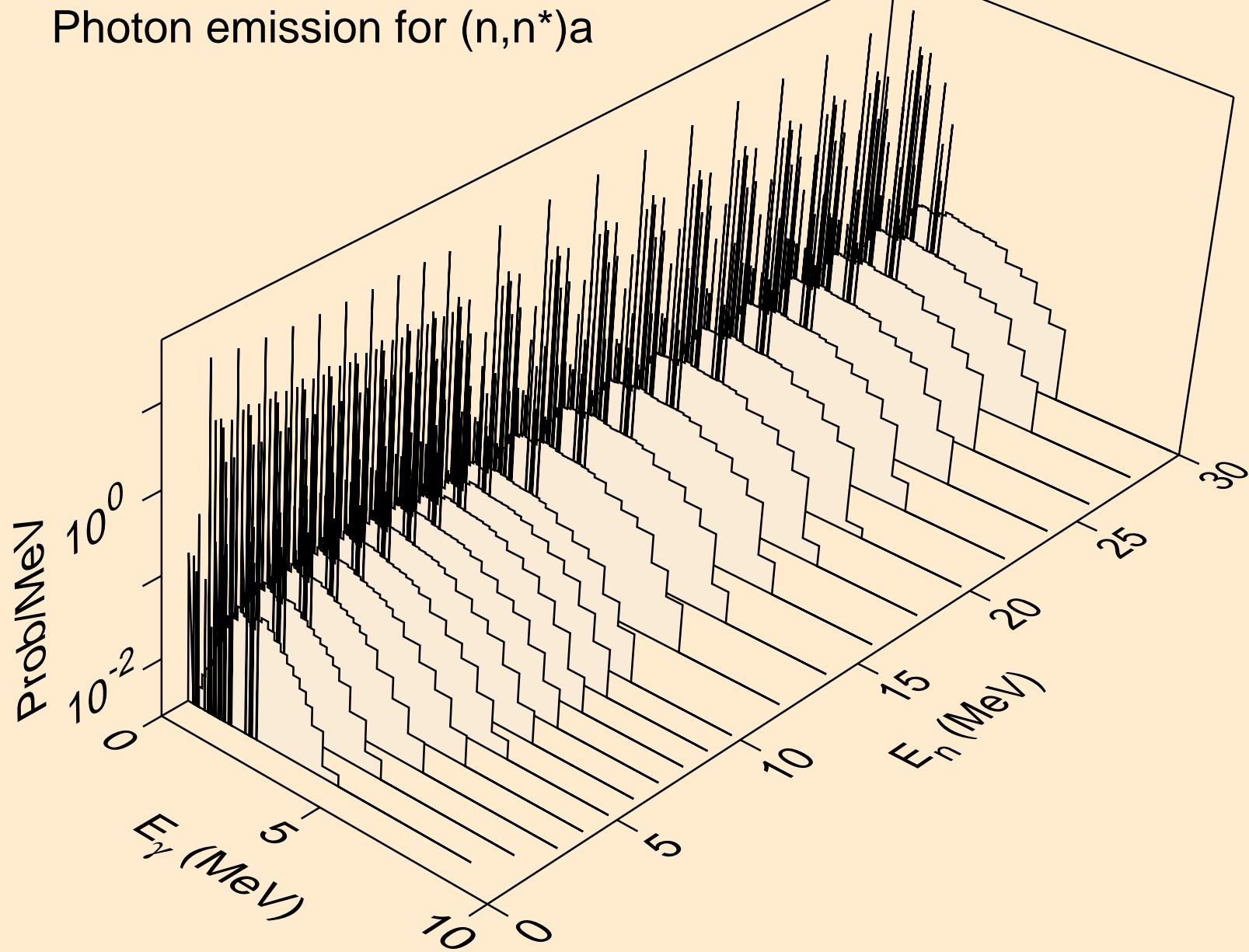


F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

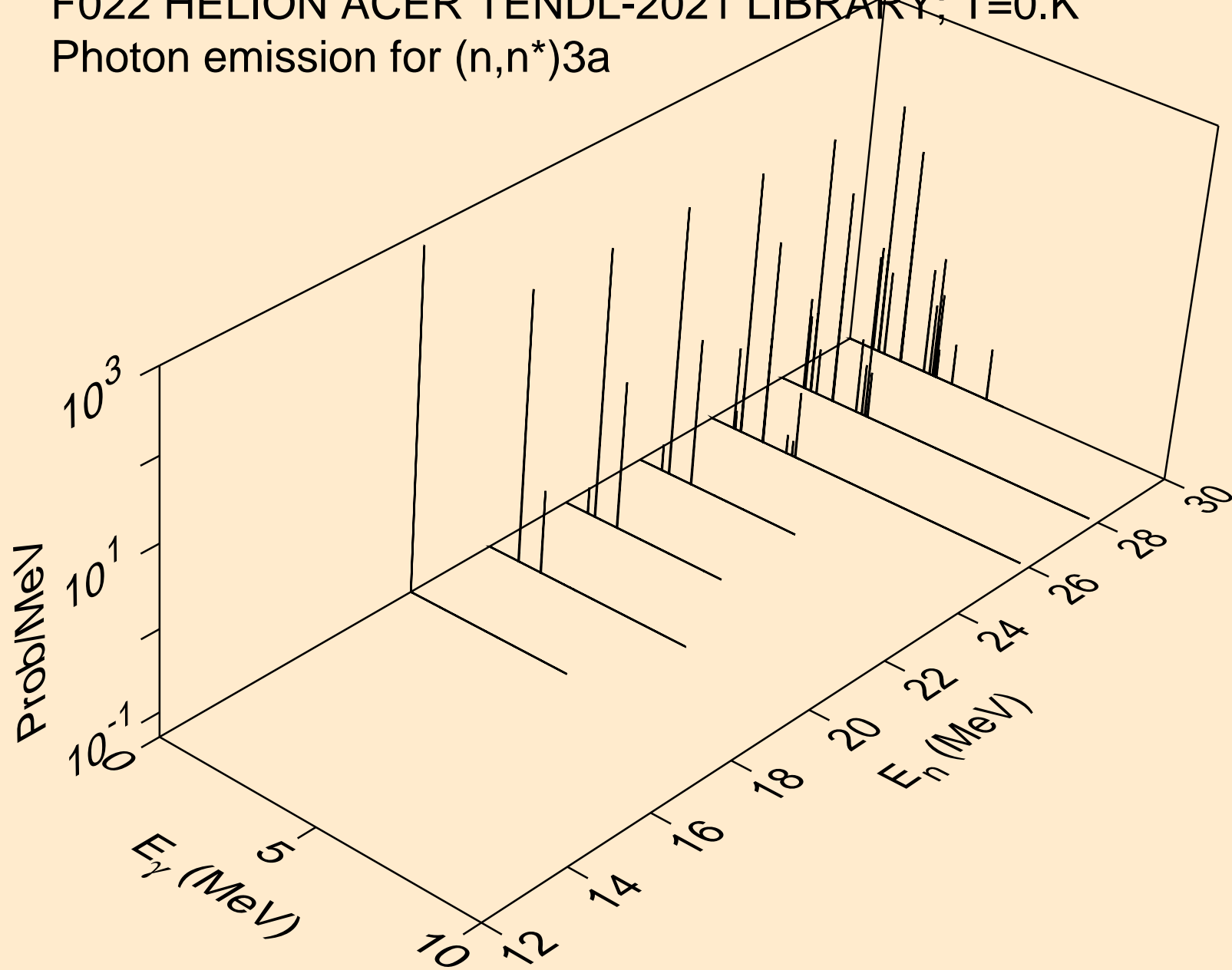




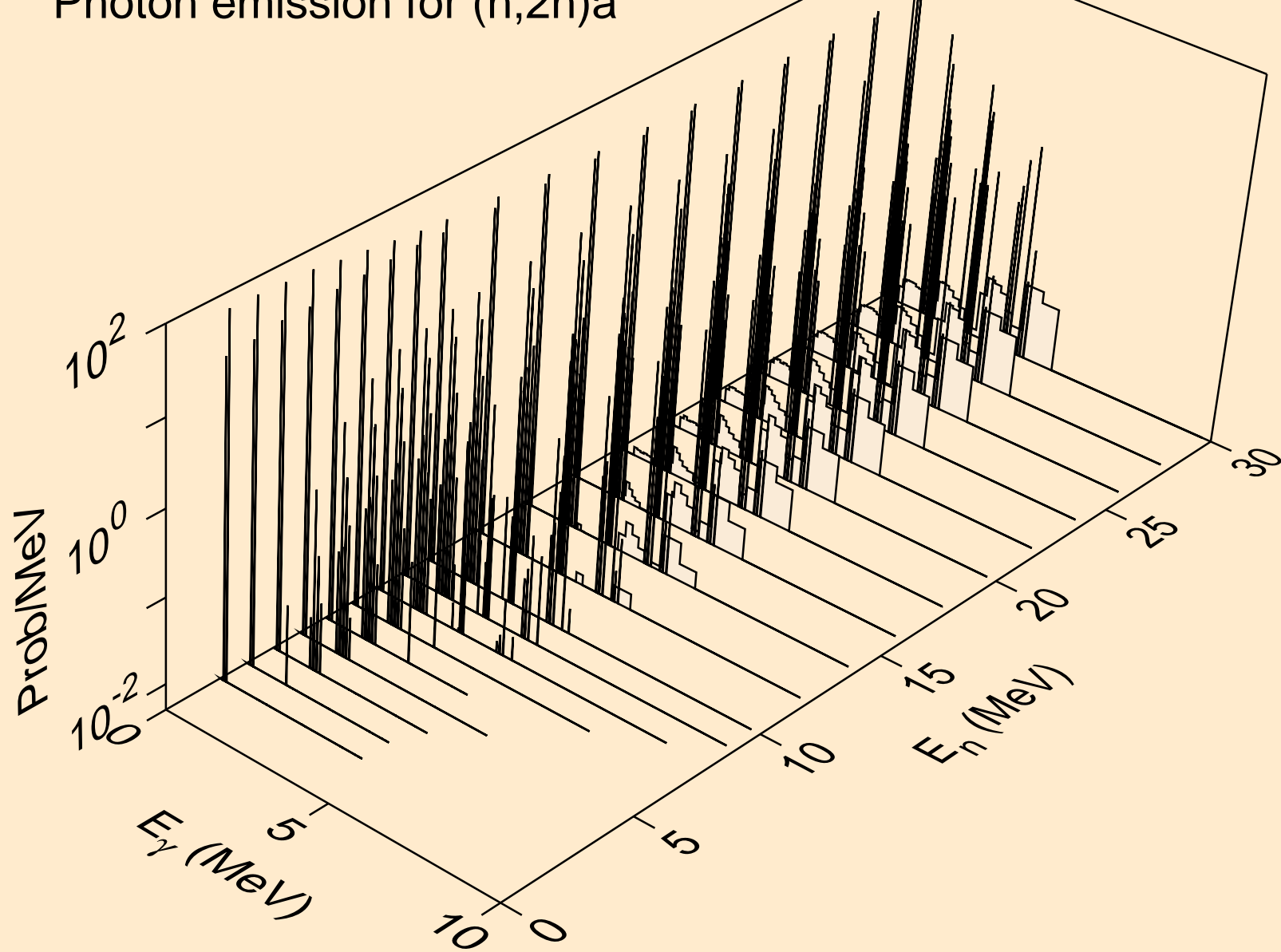
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



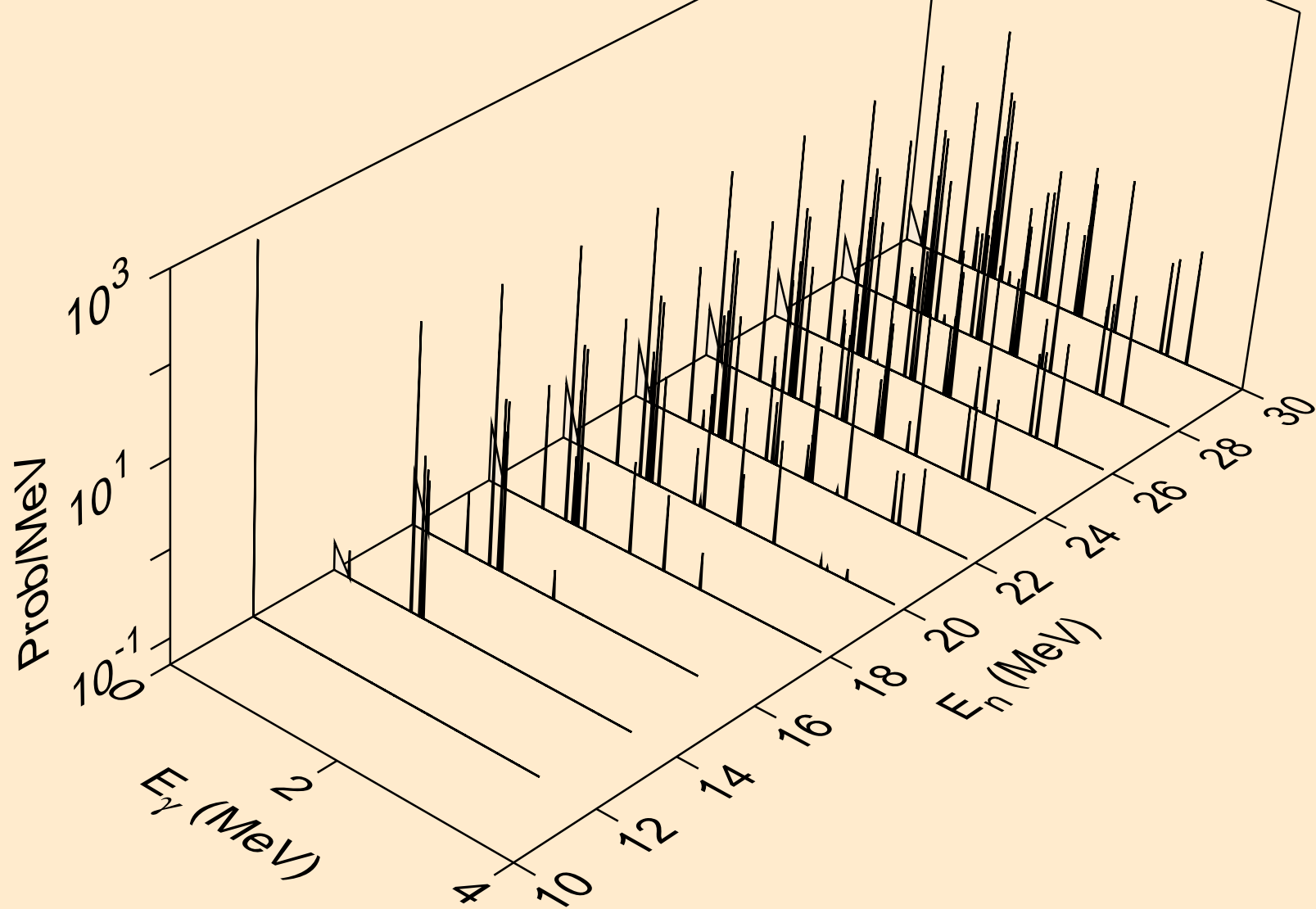
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Photon emission for (n,n\*)3a



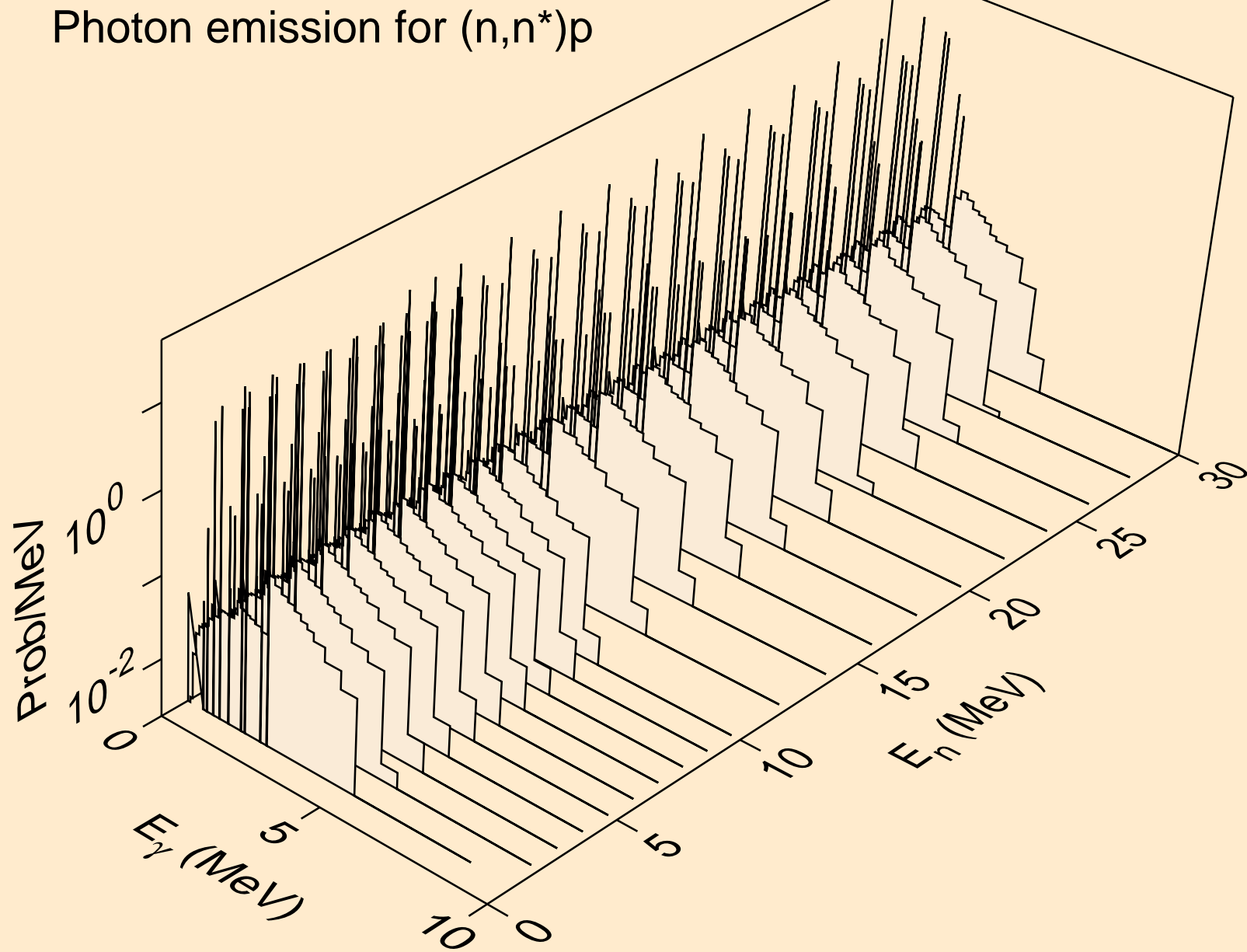
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Photon emission for (n,2n)a



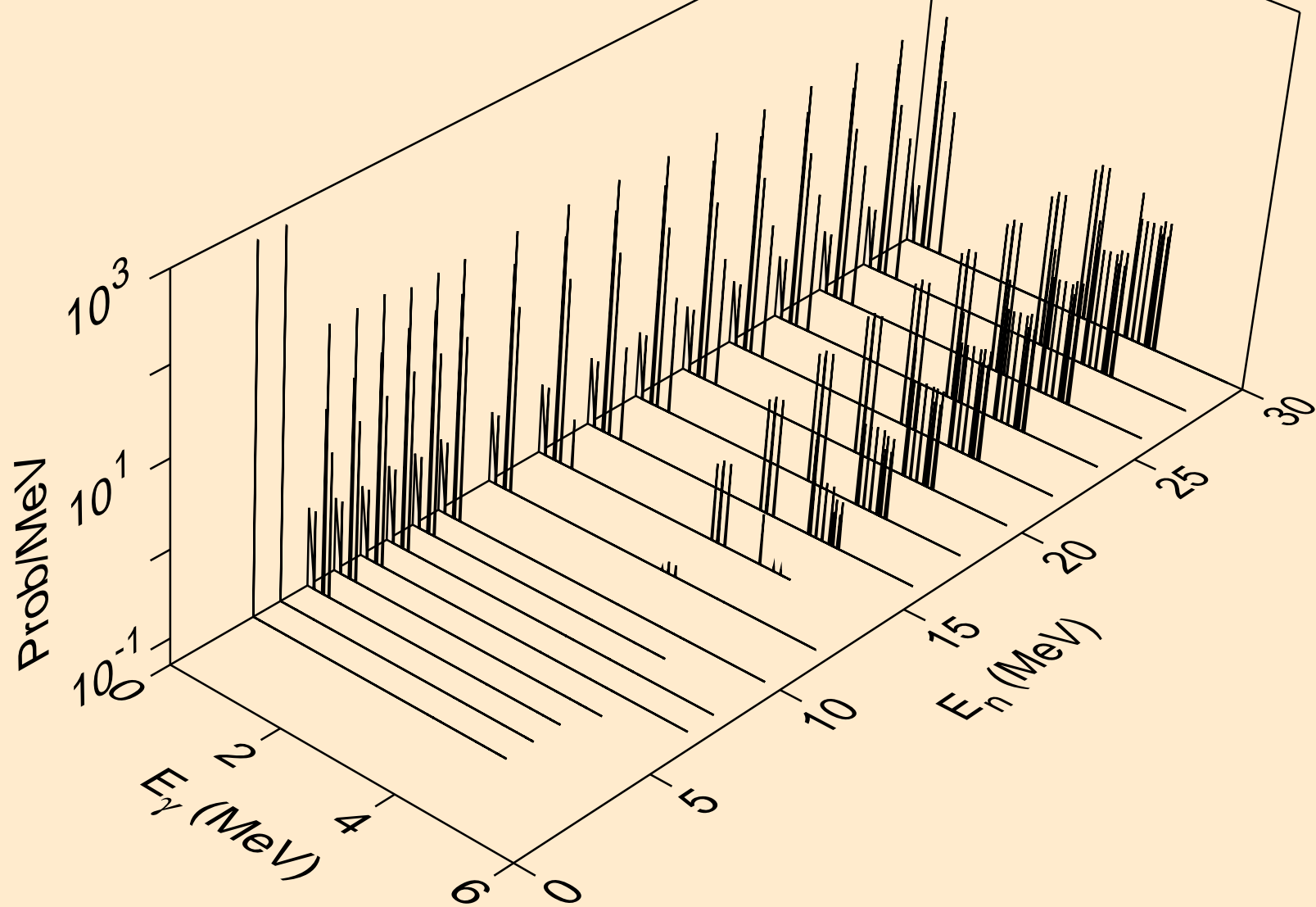
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



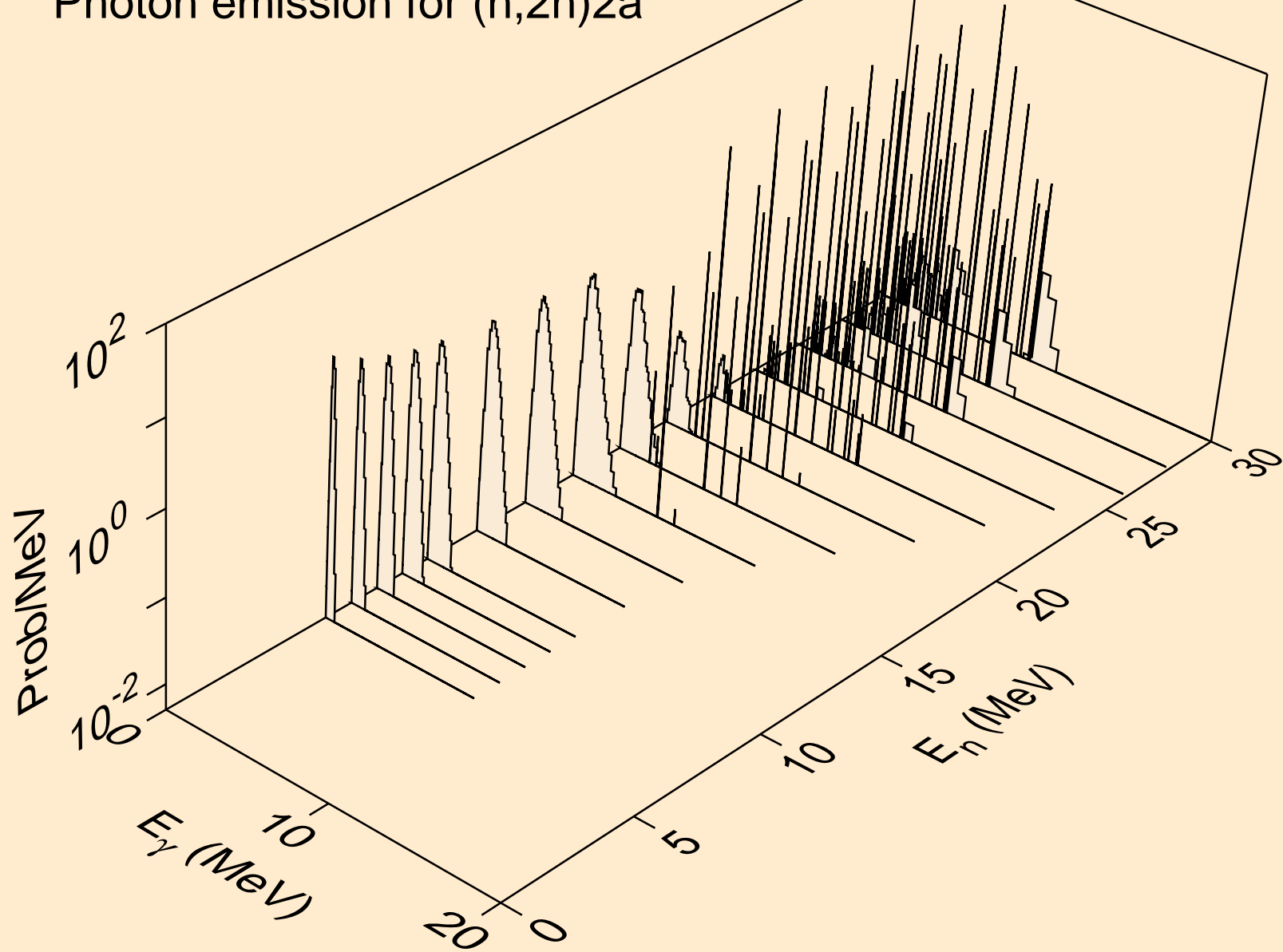
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



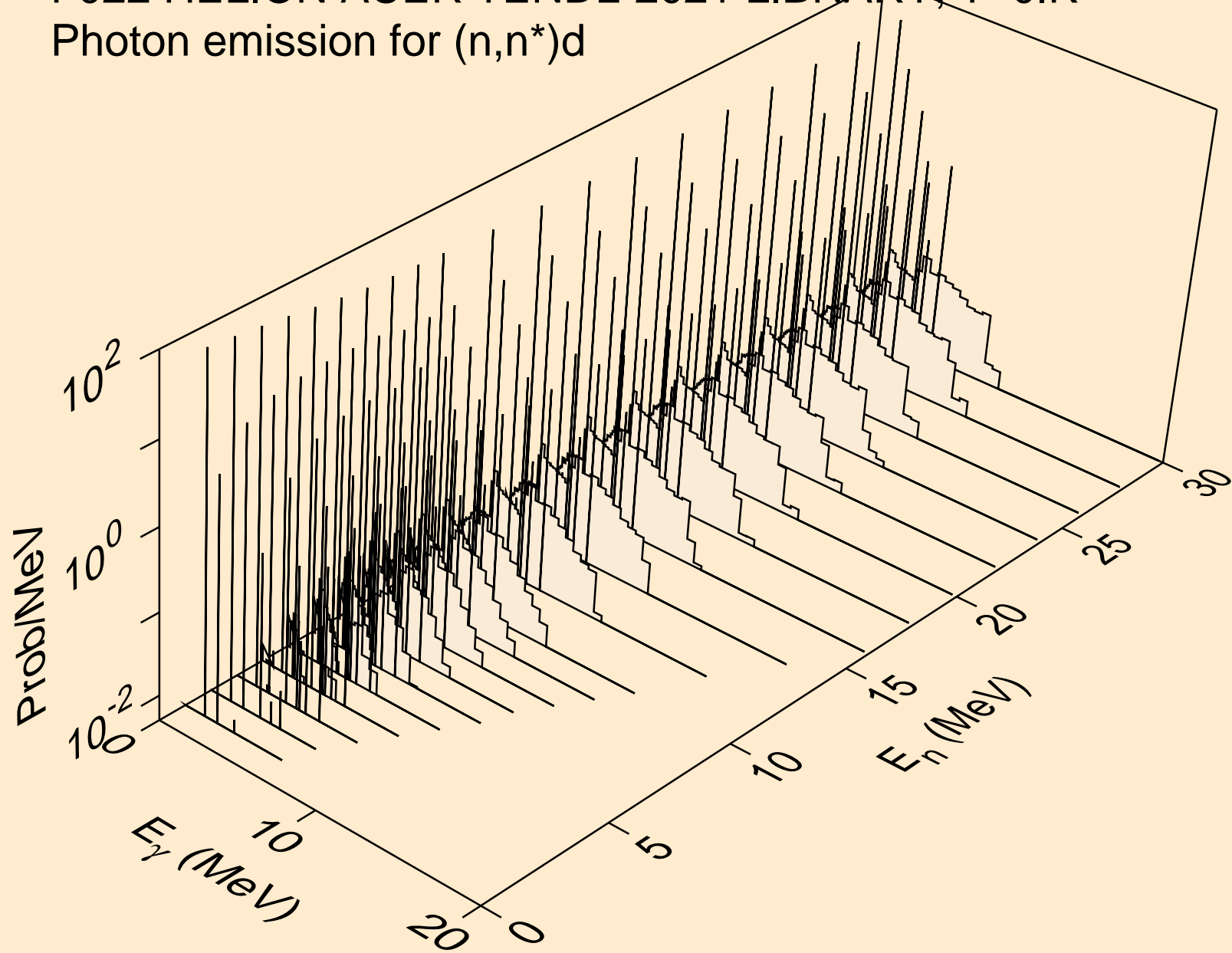
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

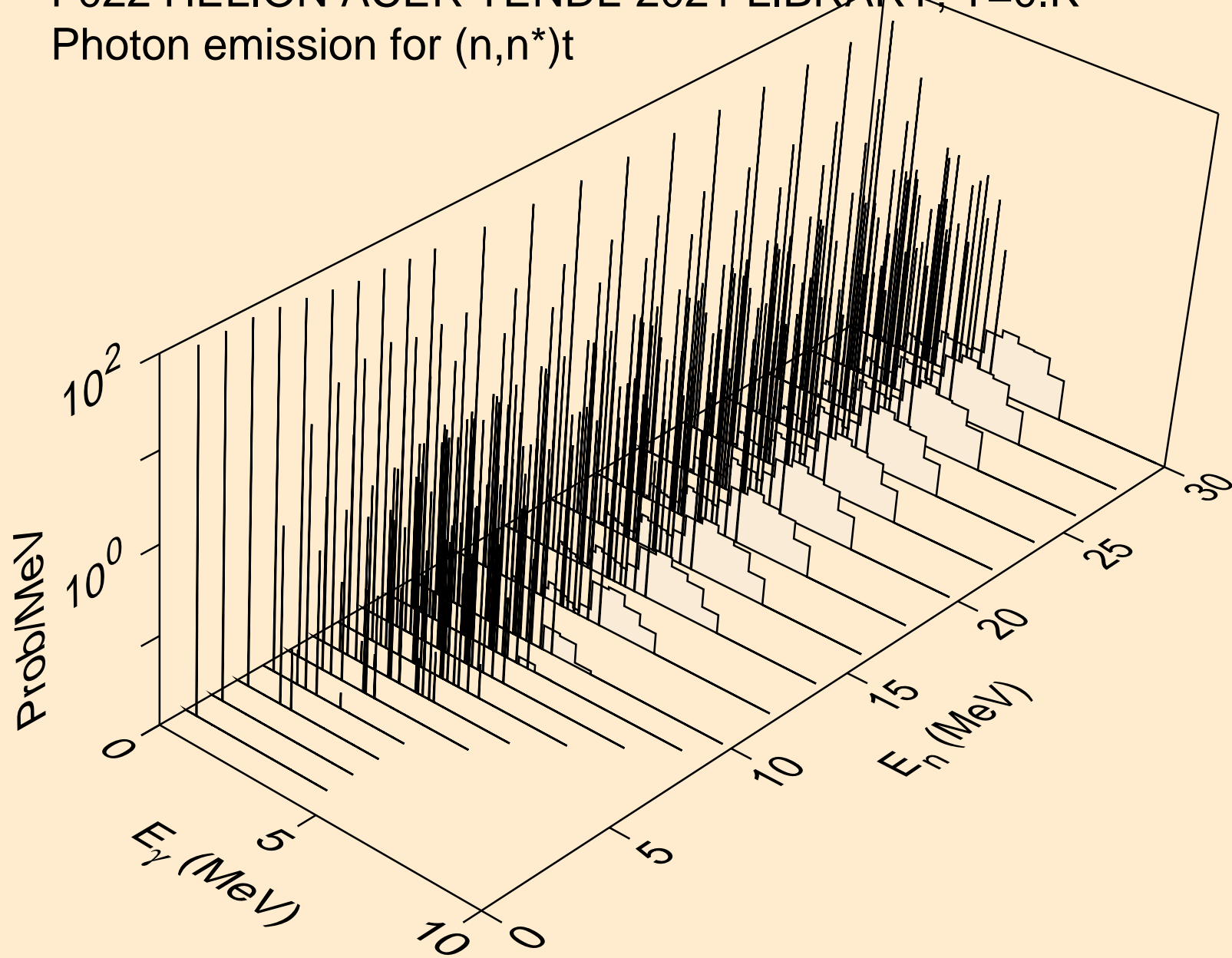


F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

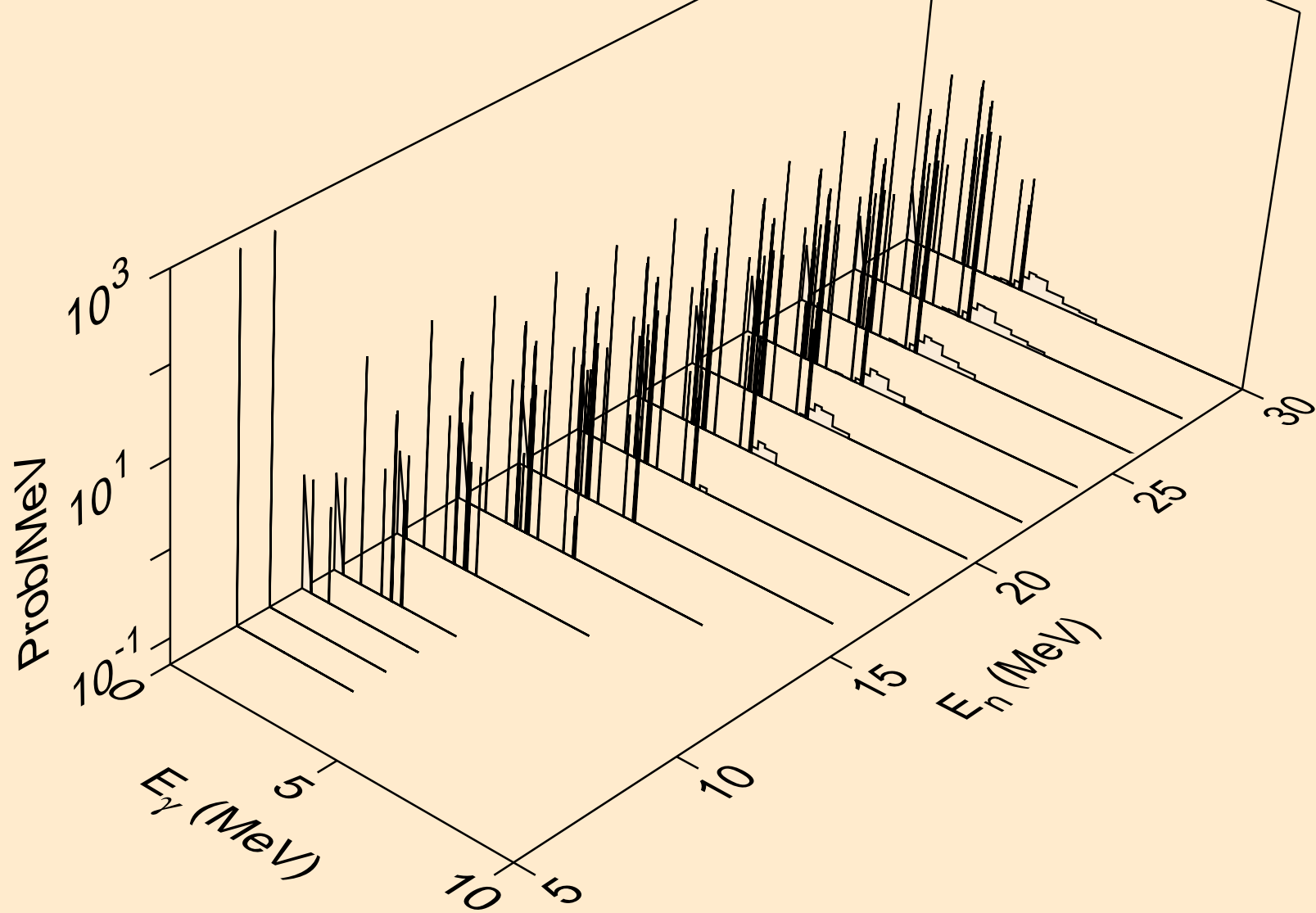




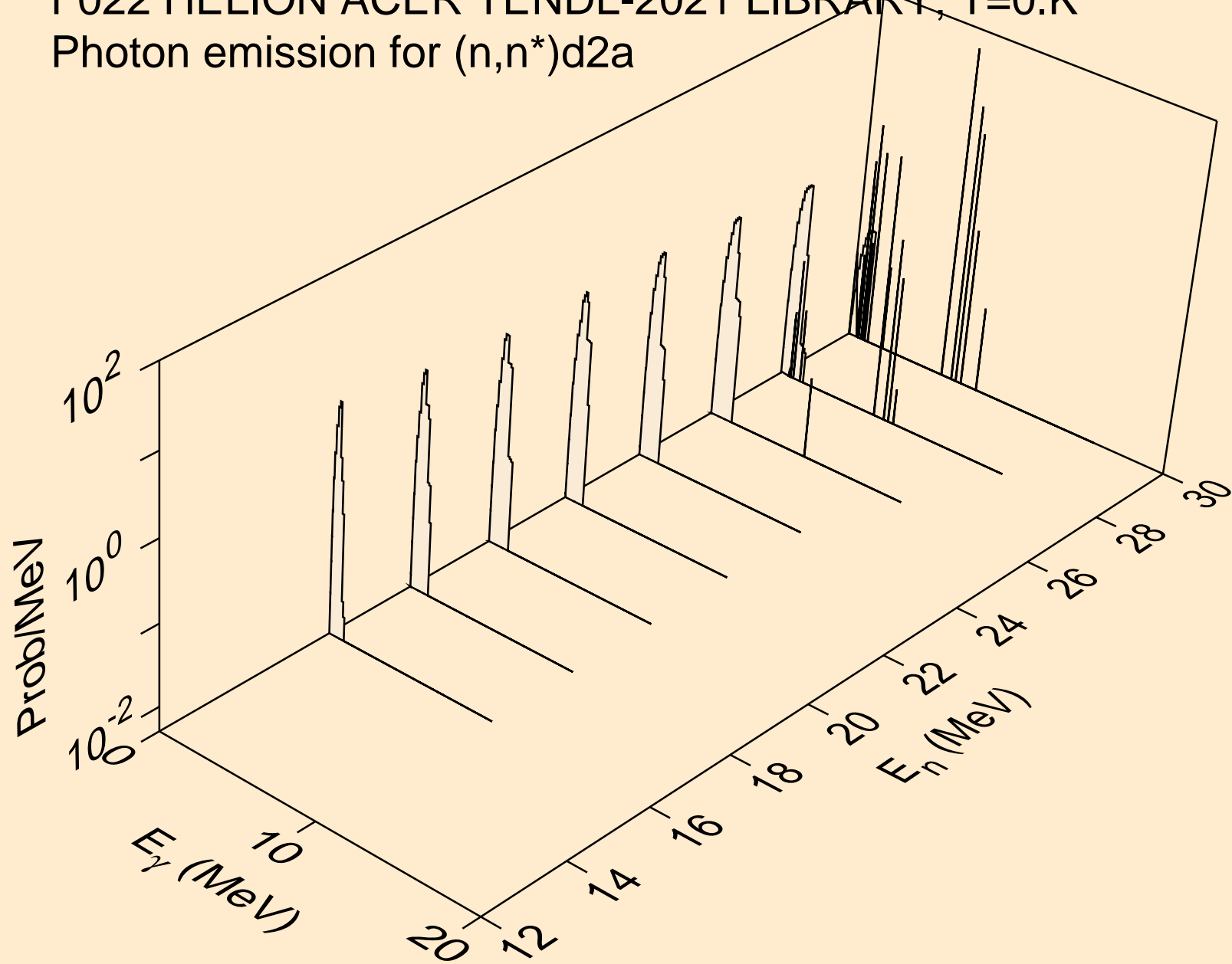
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Photon emission for (n,n\*)t



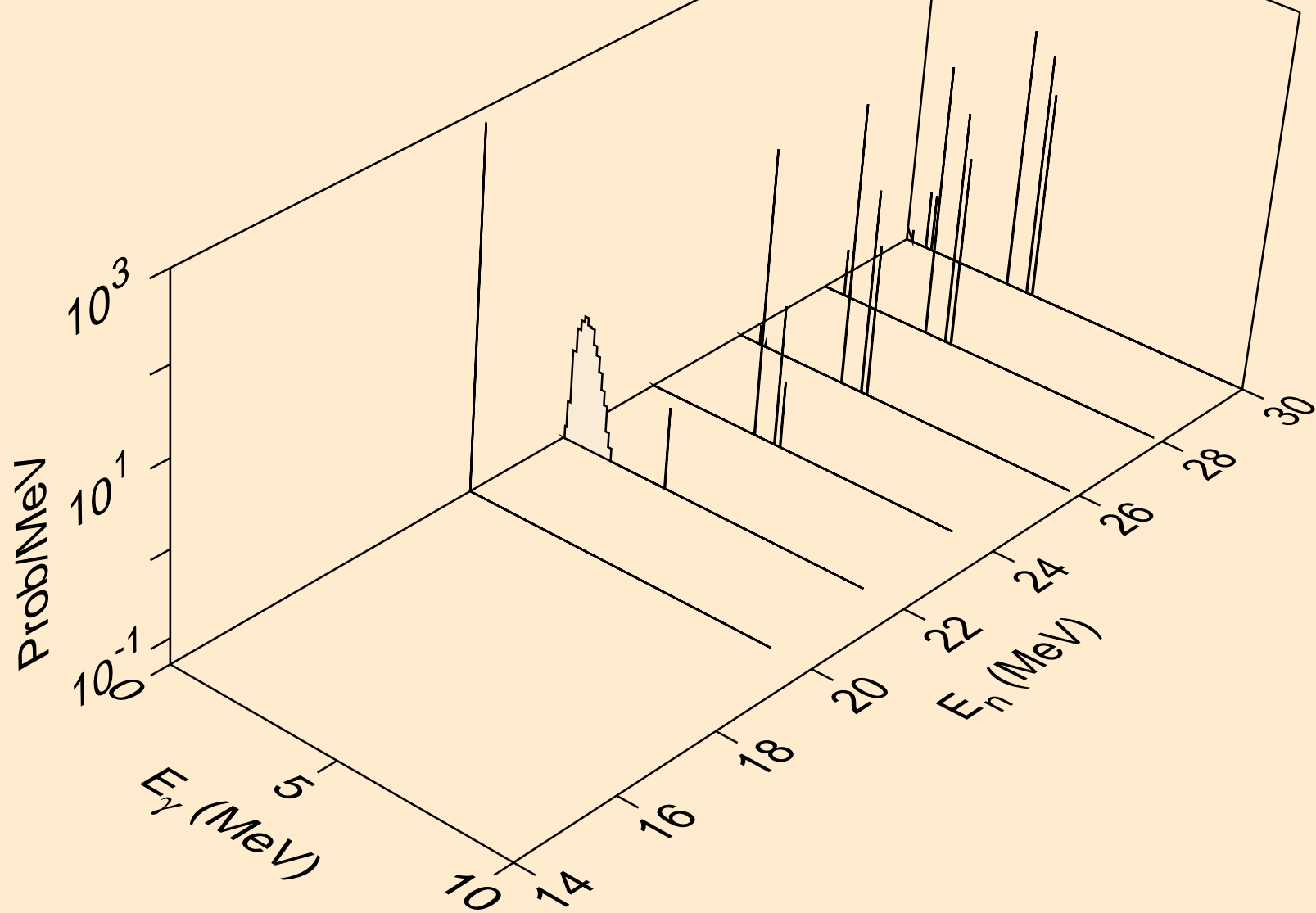
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Photon emission for (n,n\*)he3



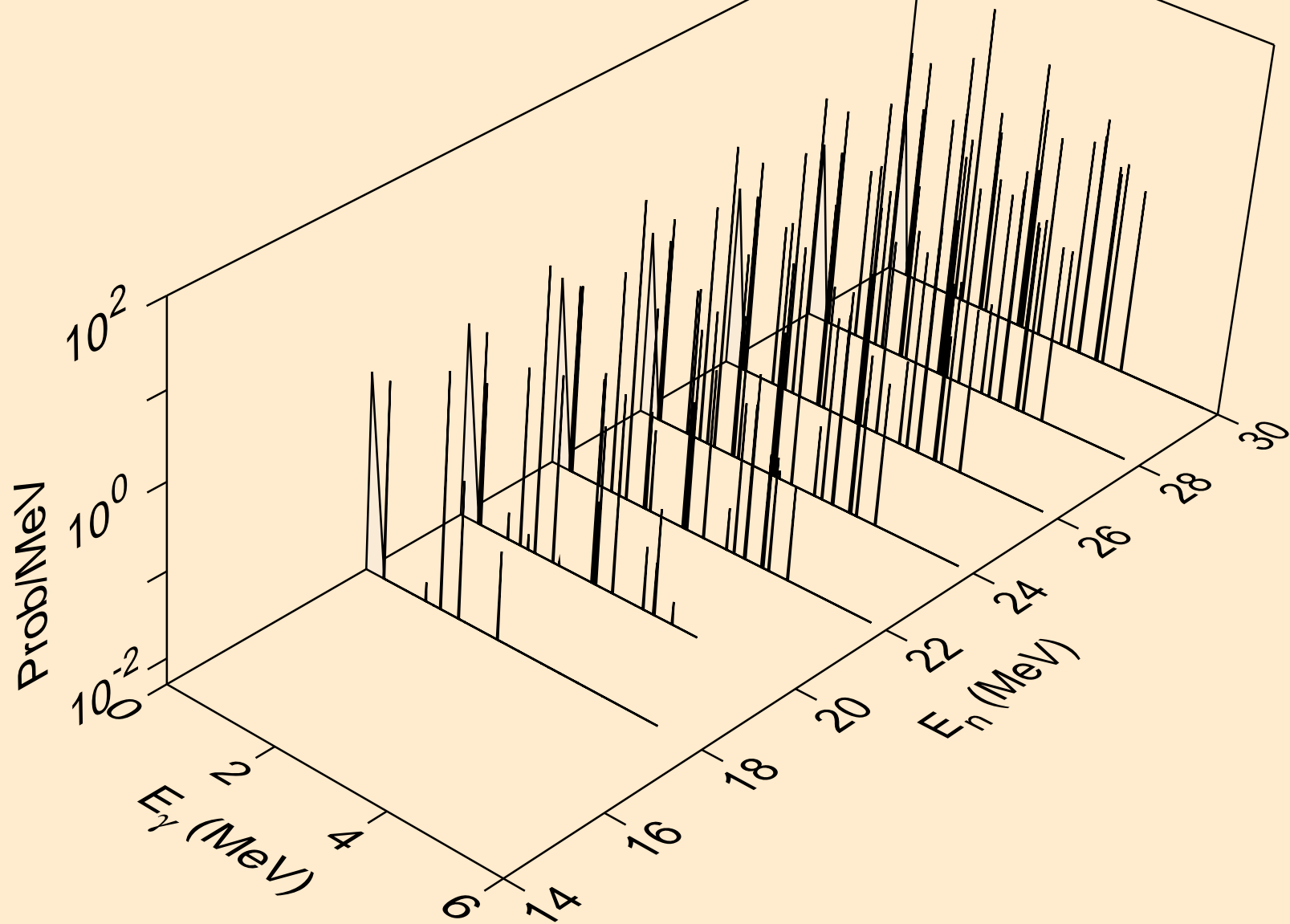
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Photon emission for (n,n\*)d2a



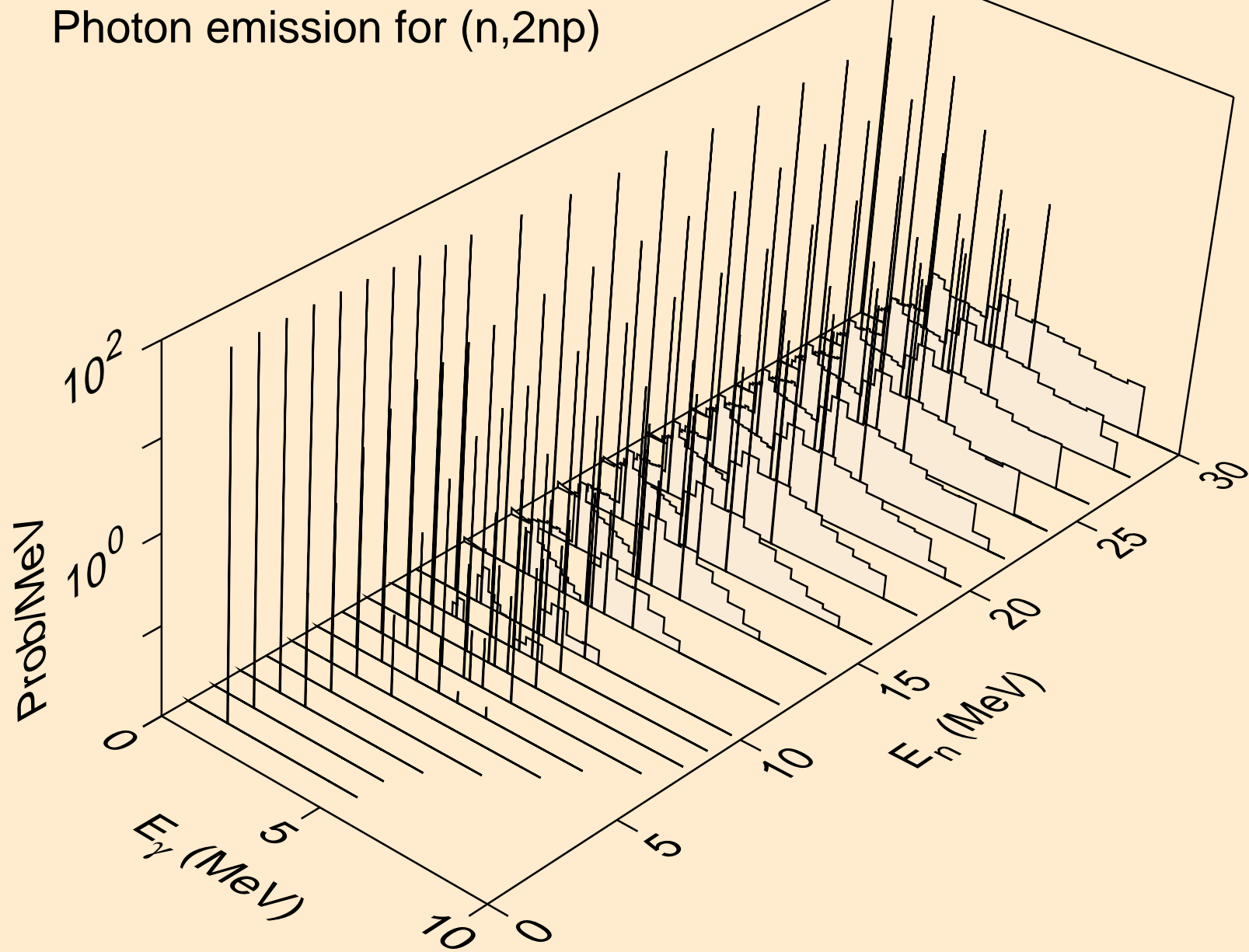
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Photon emission for (n,n\*)t2a



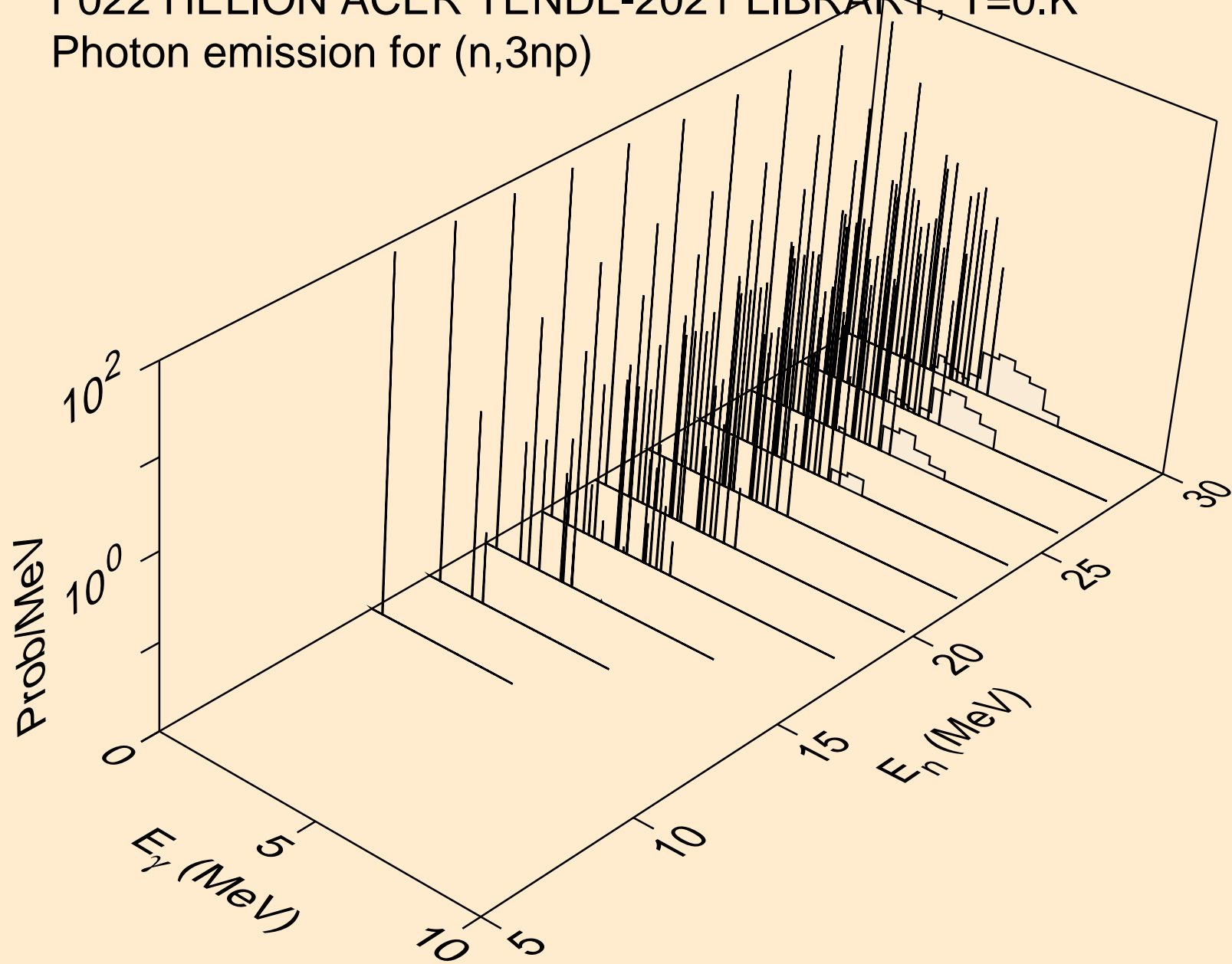
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



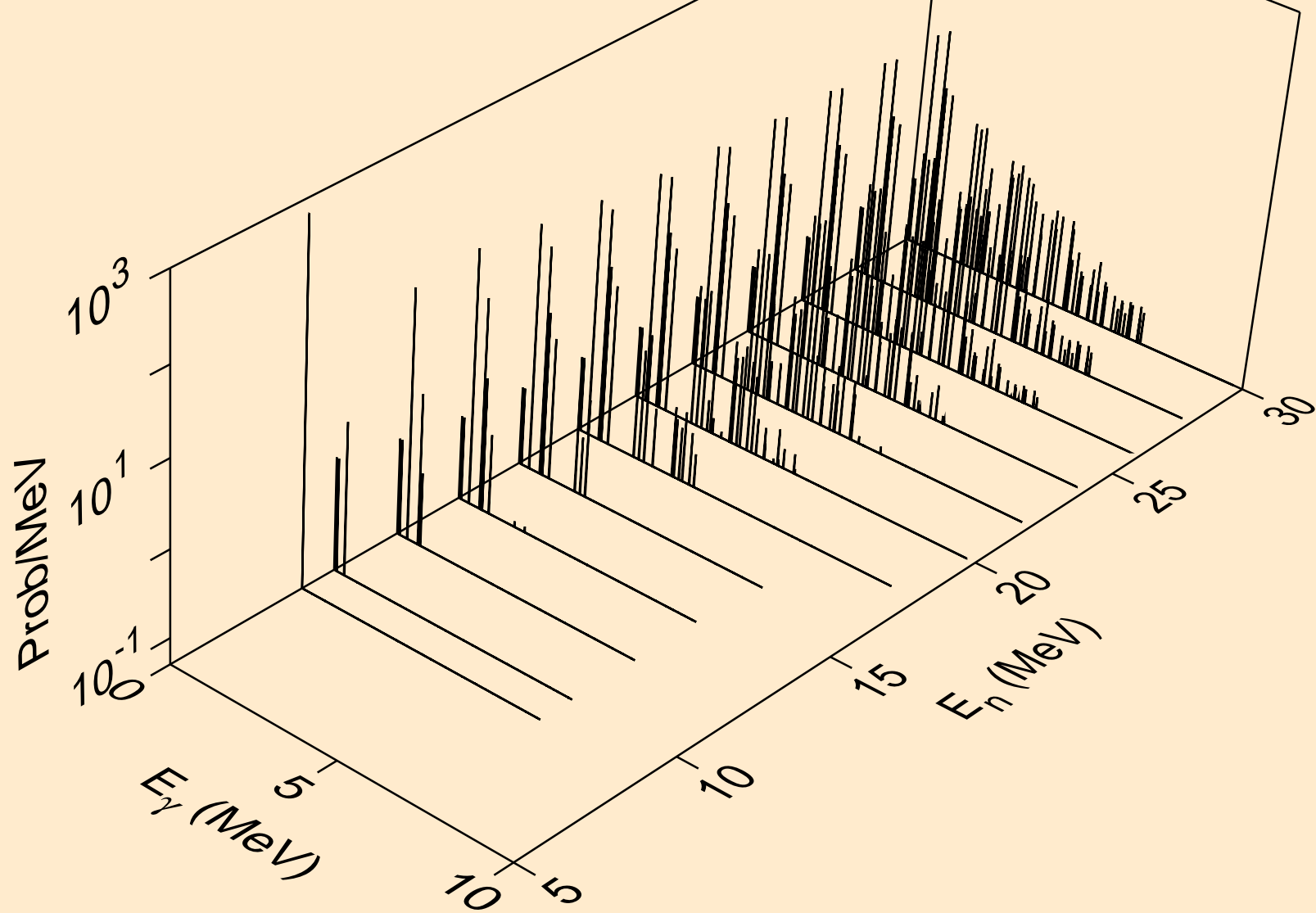
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

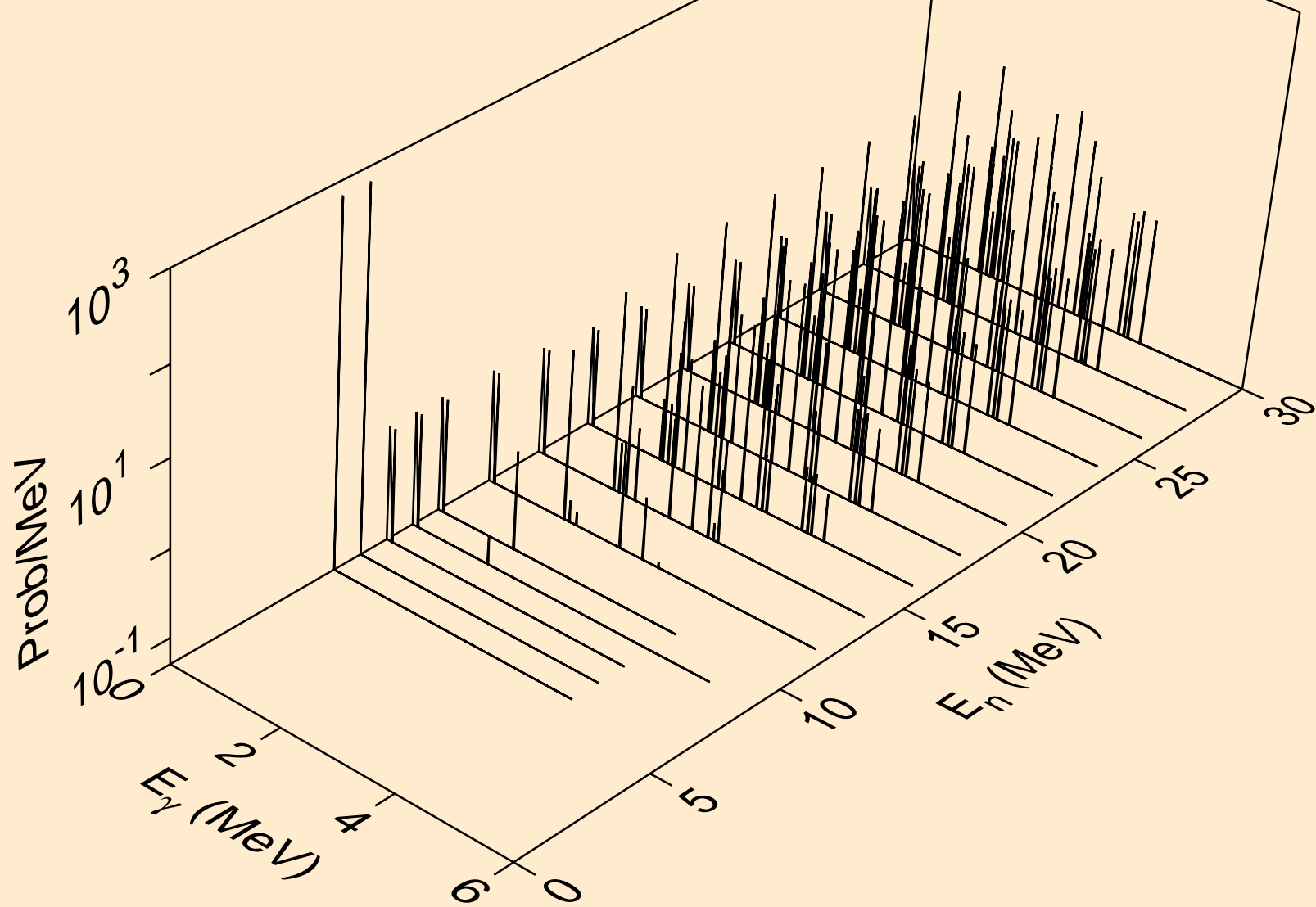


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Photon emission for (n,2np)

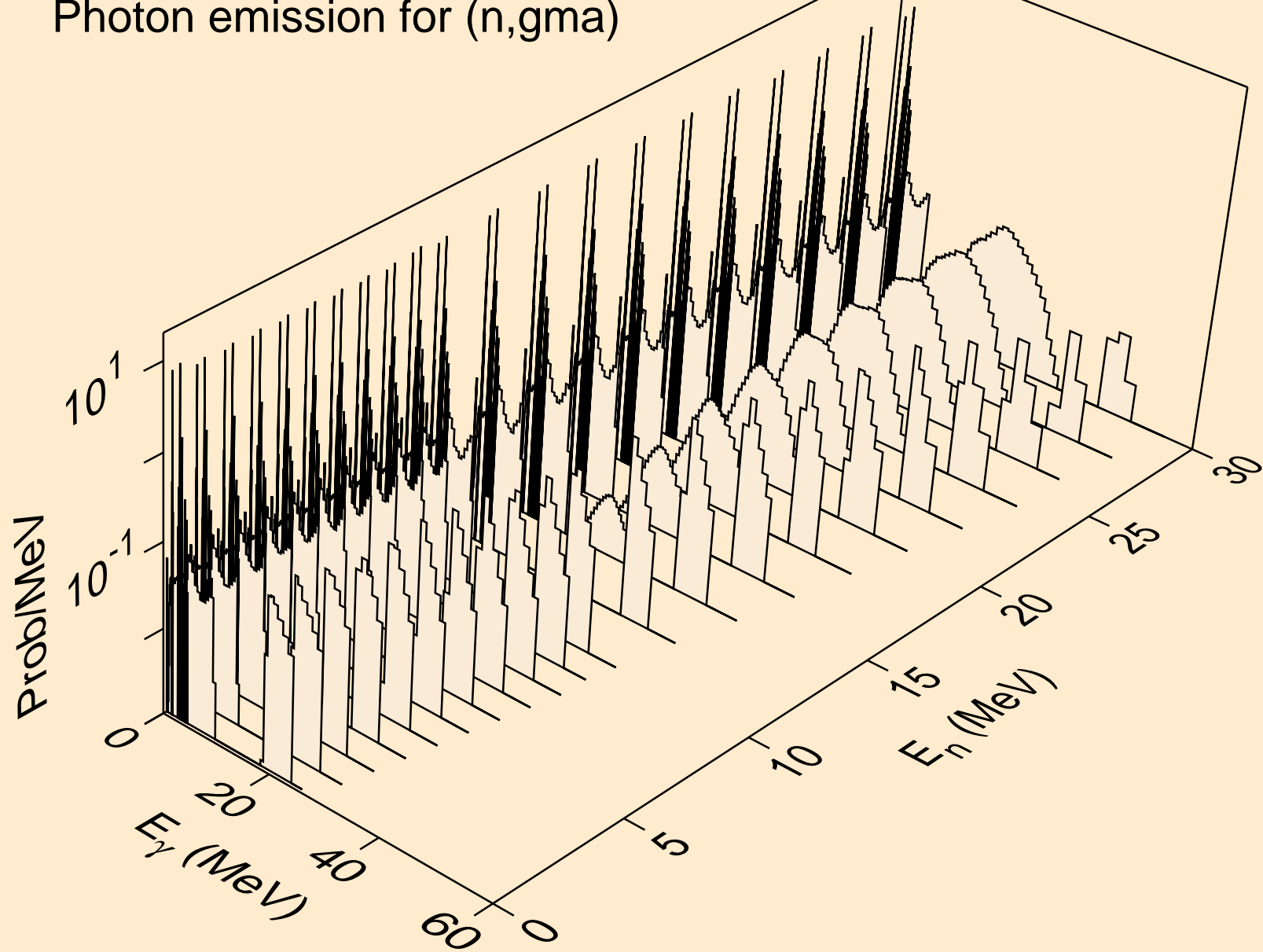




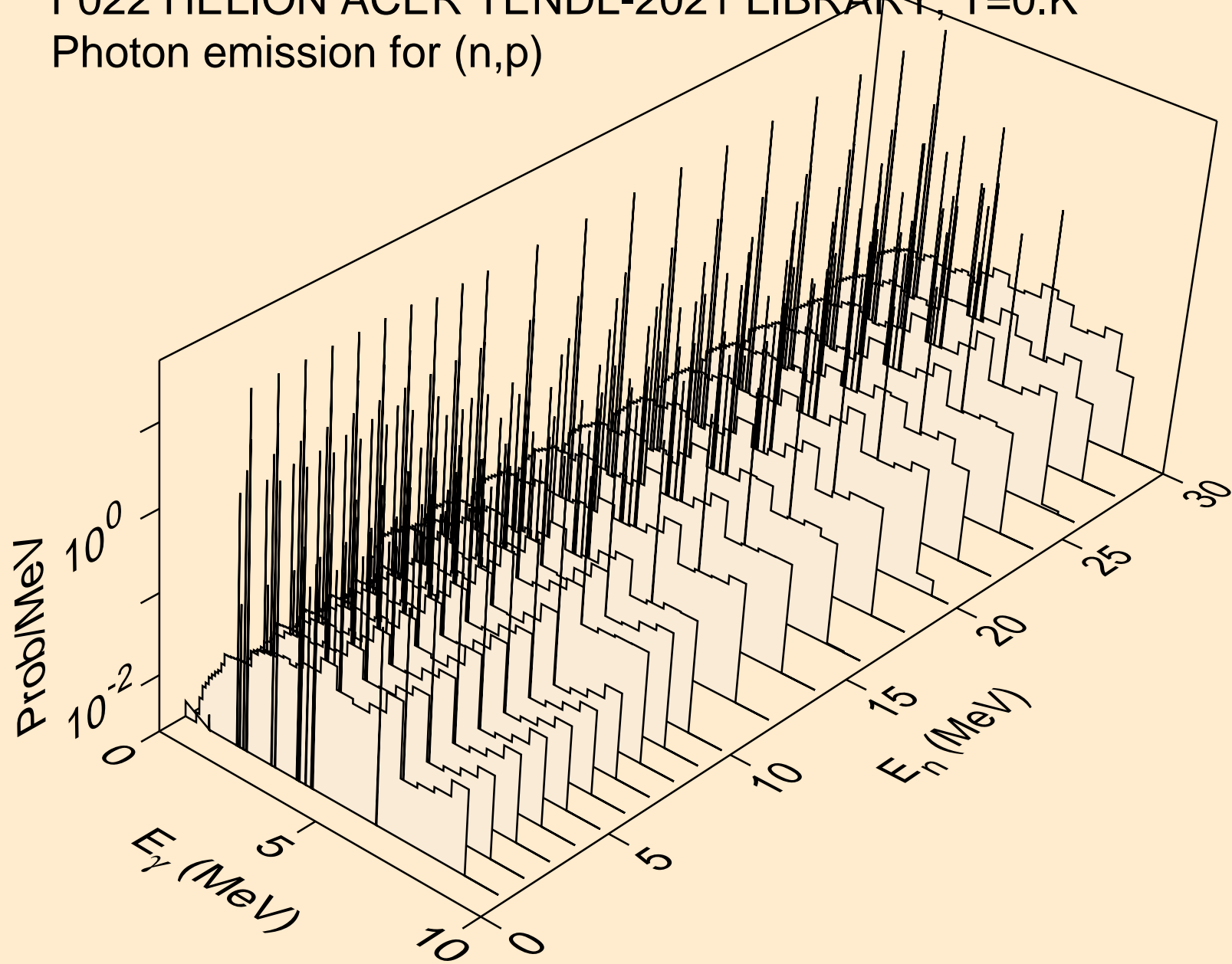
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Photon emission for (n,npa)



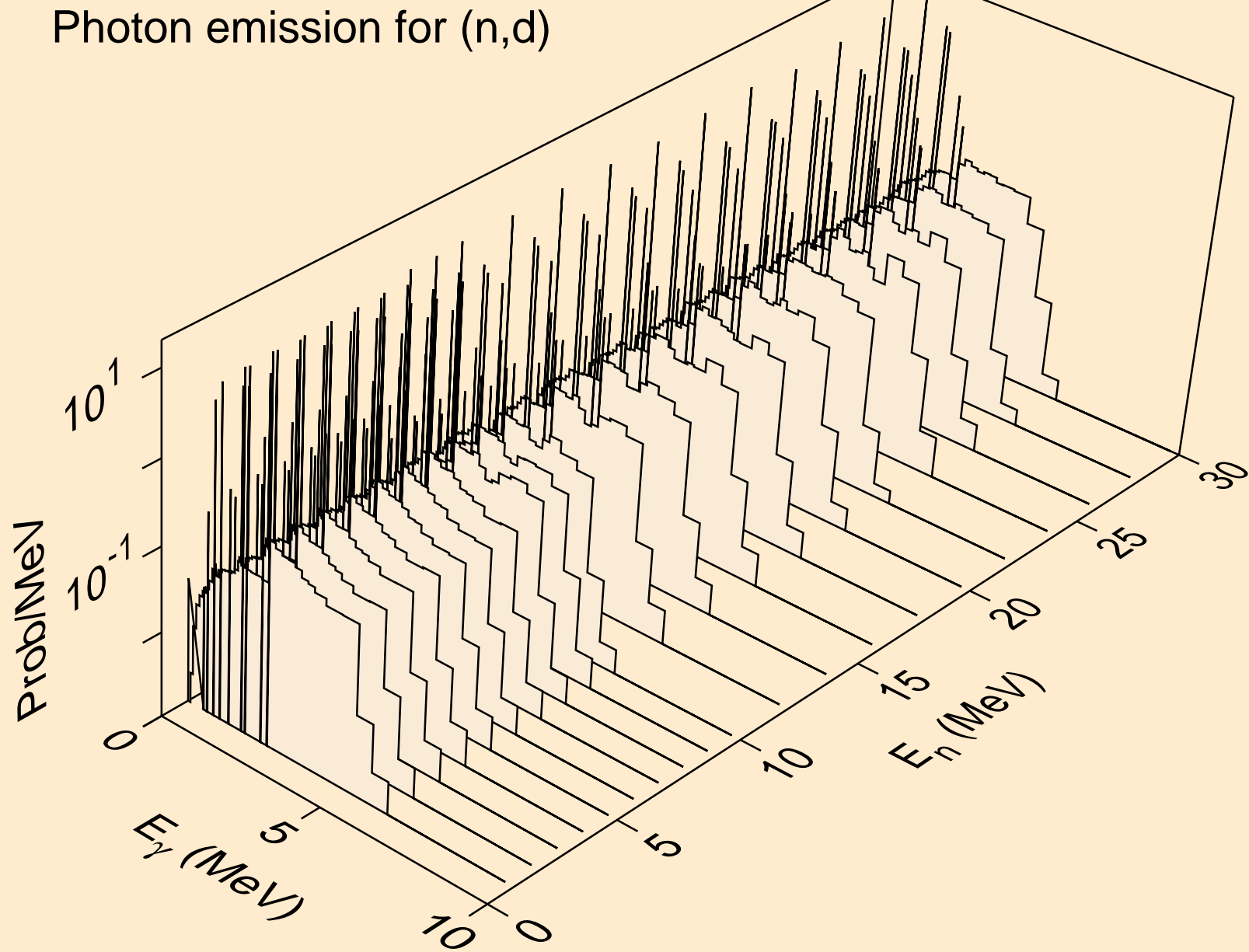
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Photon emission for (n,gma)



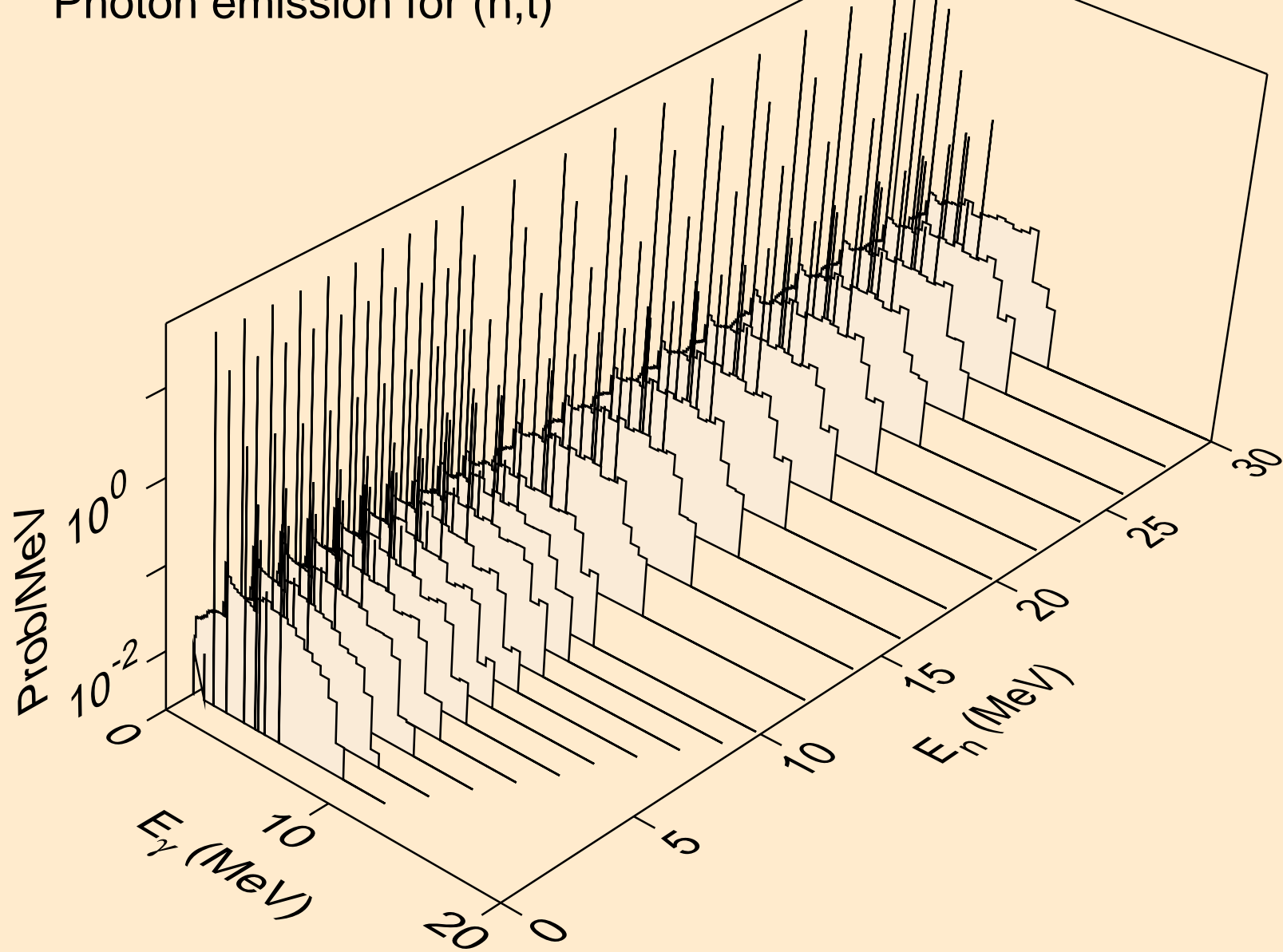
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Photon emission for (n,p)



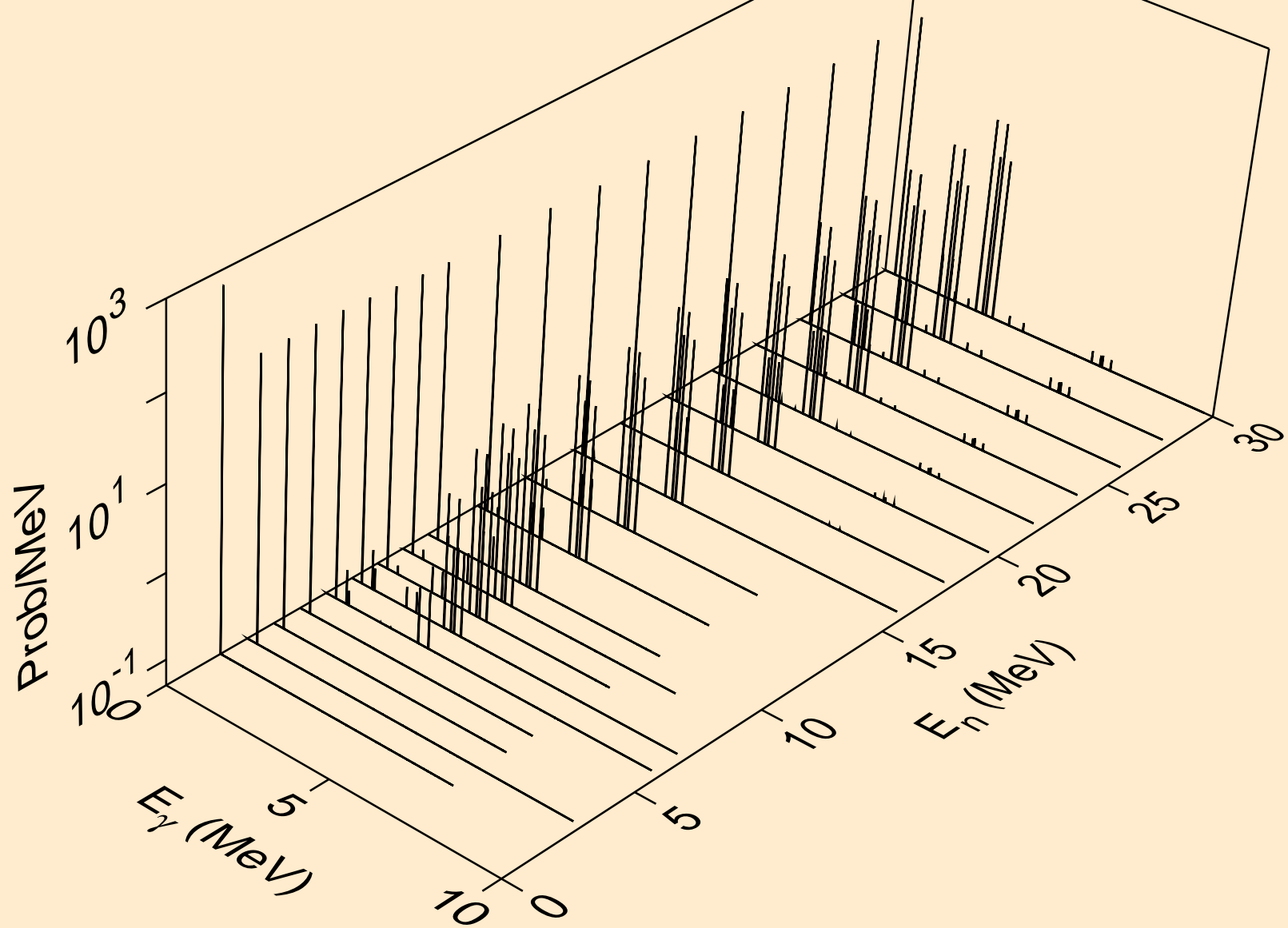
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Photon emission for (n,d)



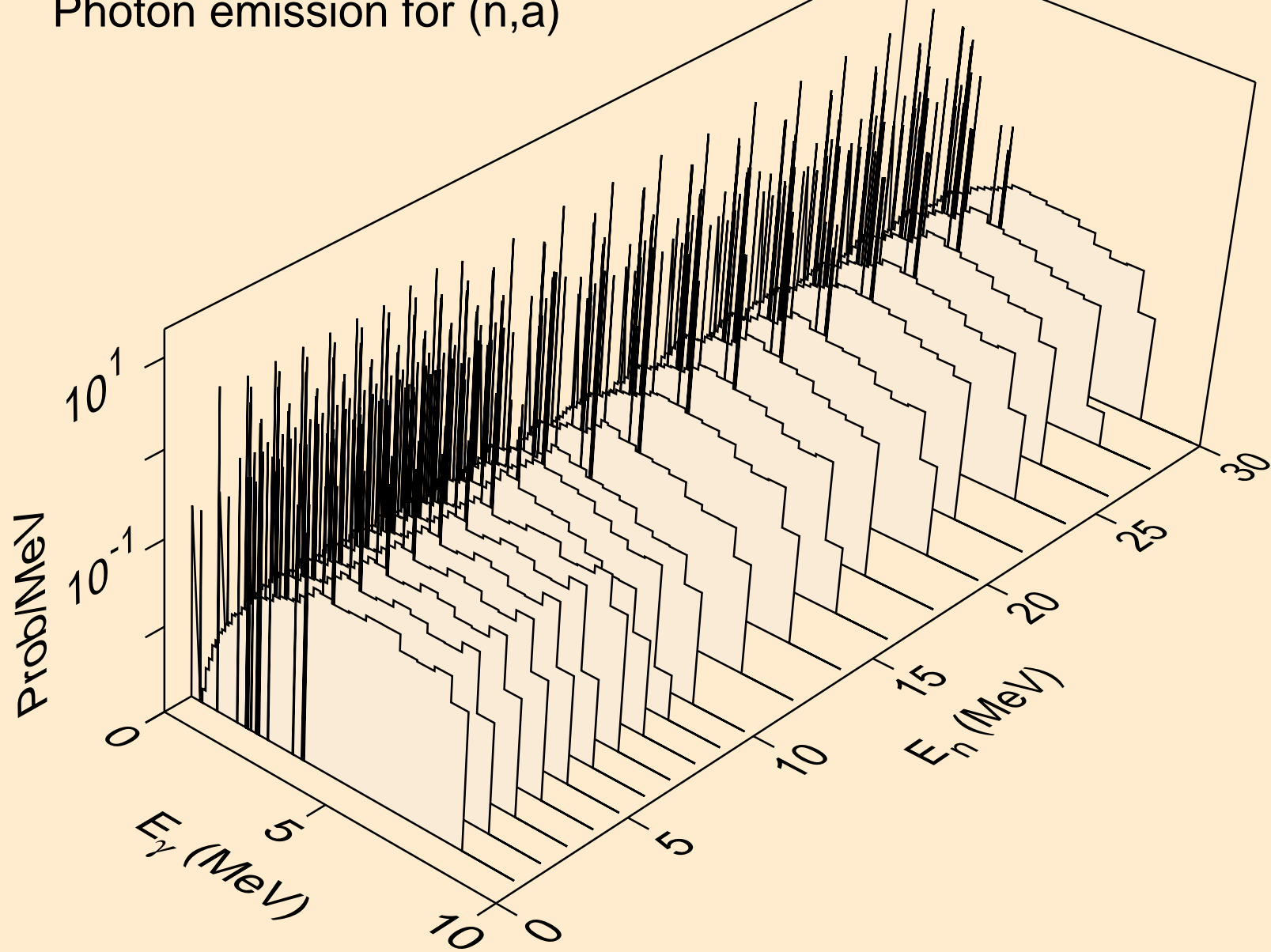
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Photon emission for (n,t)



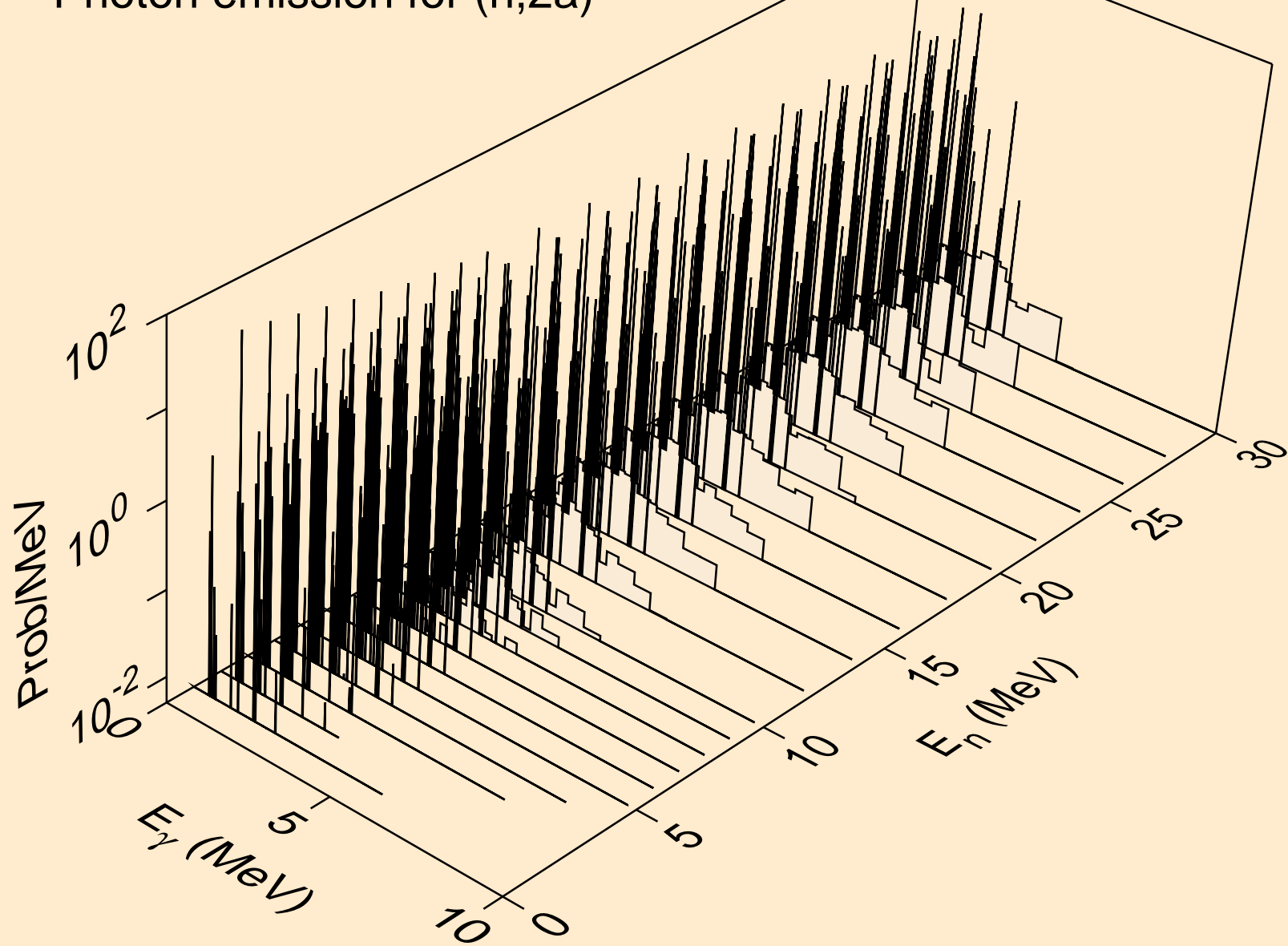
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

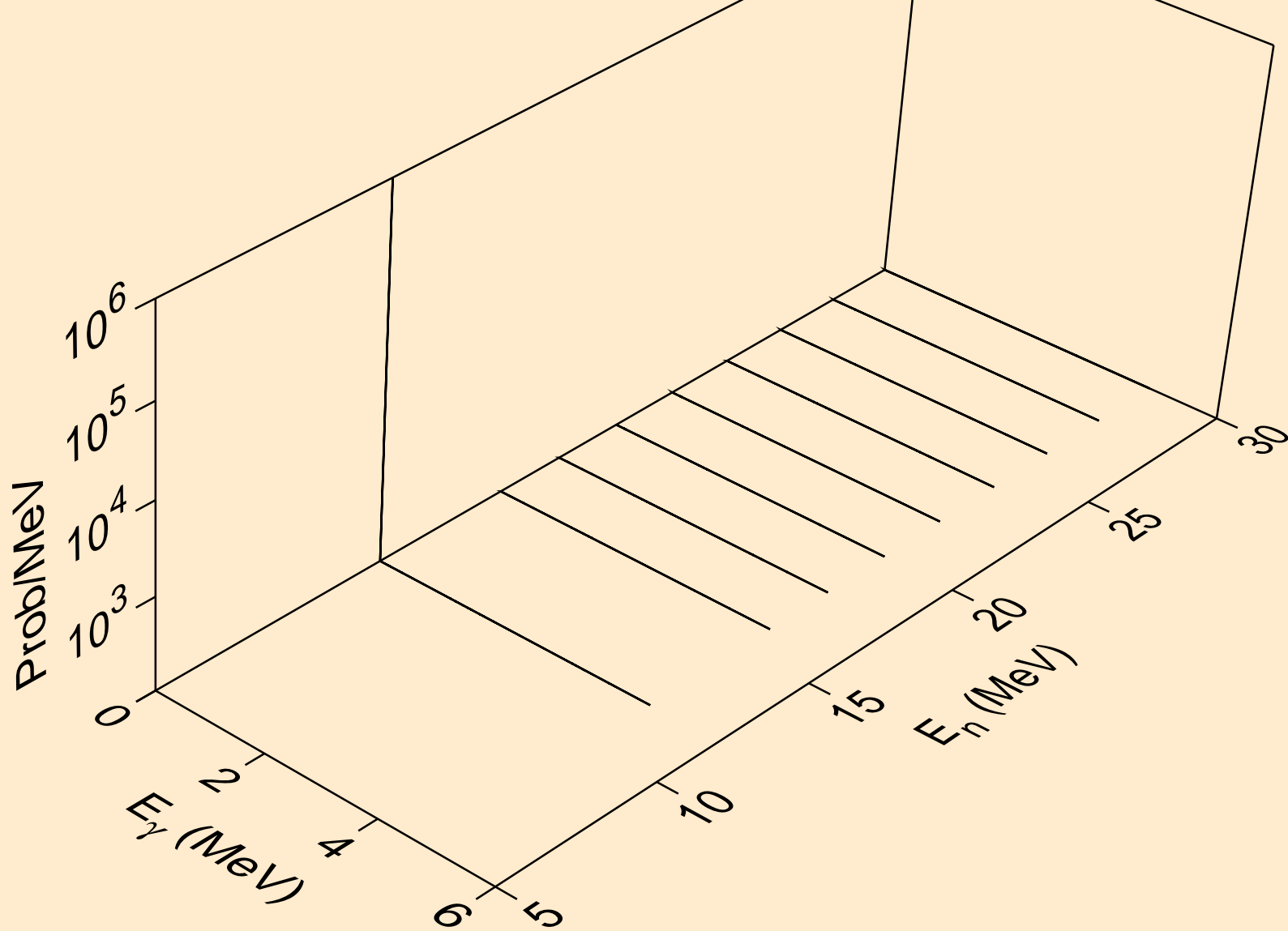


F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

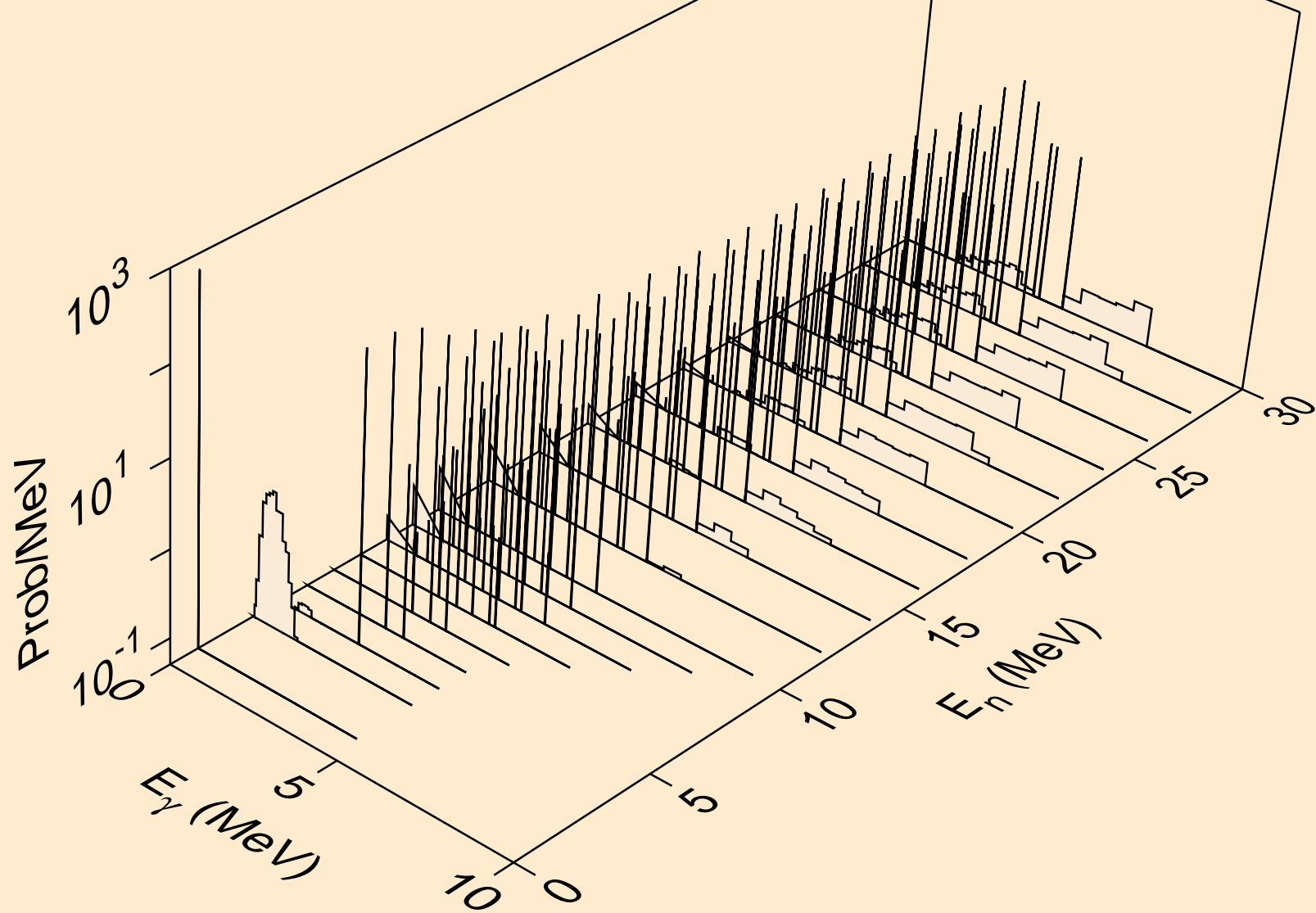




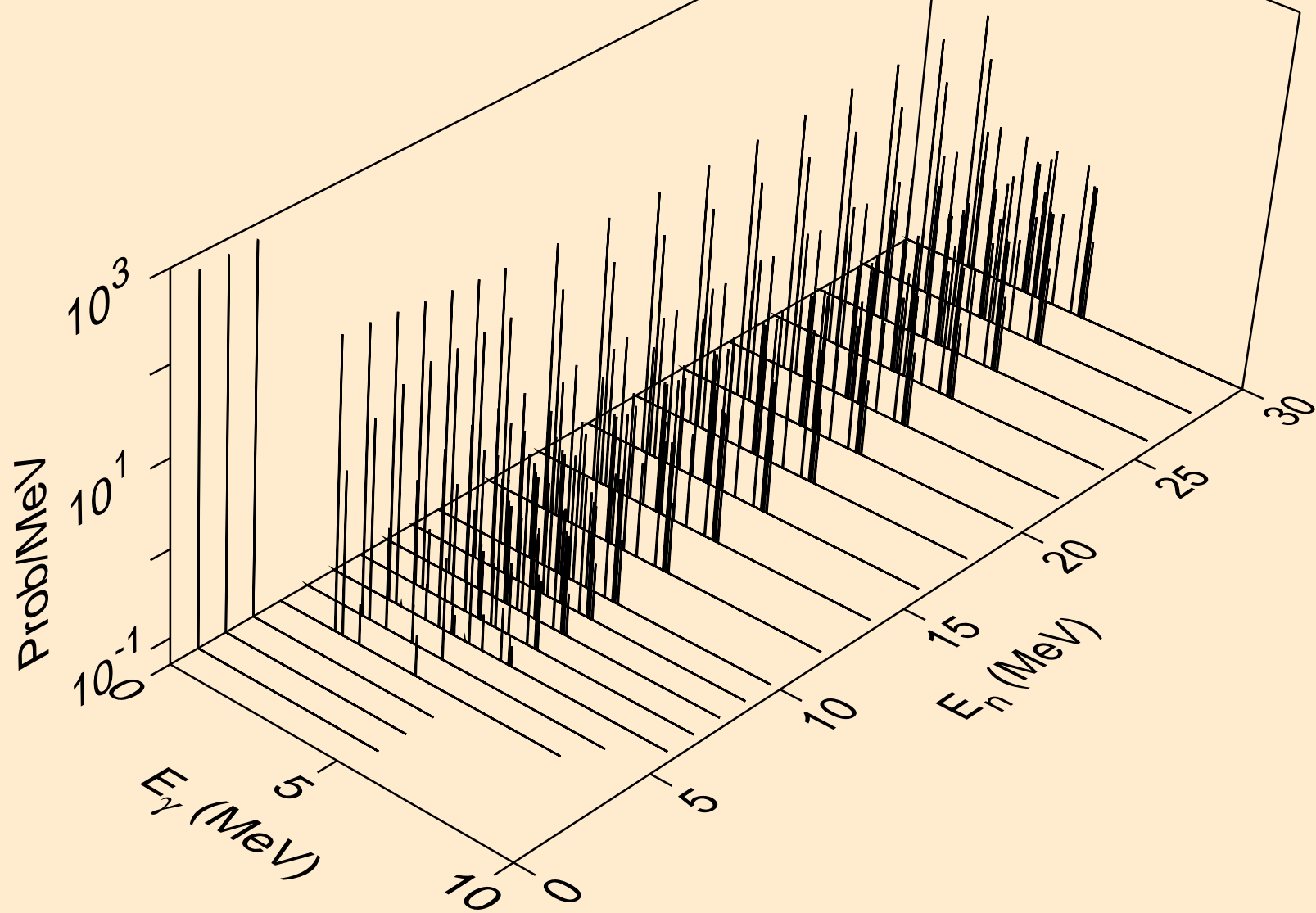
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Photon emission for (n,3a)



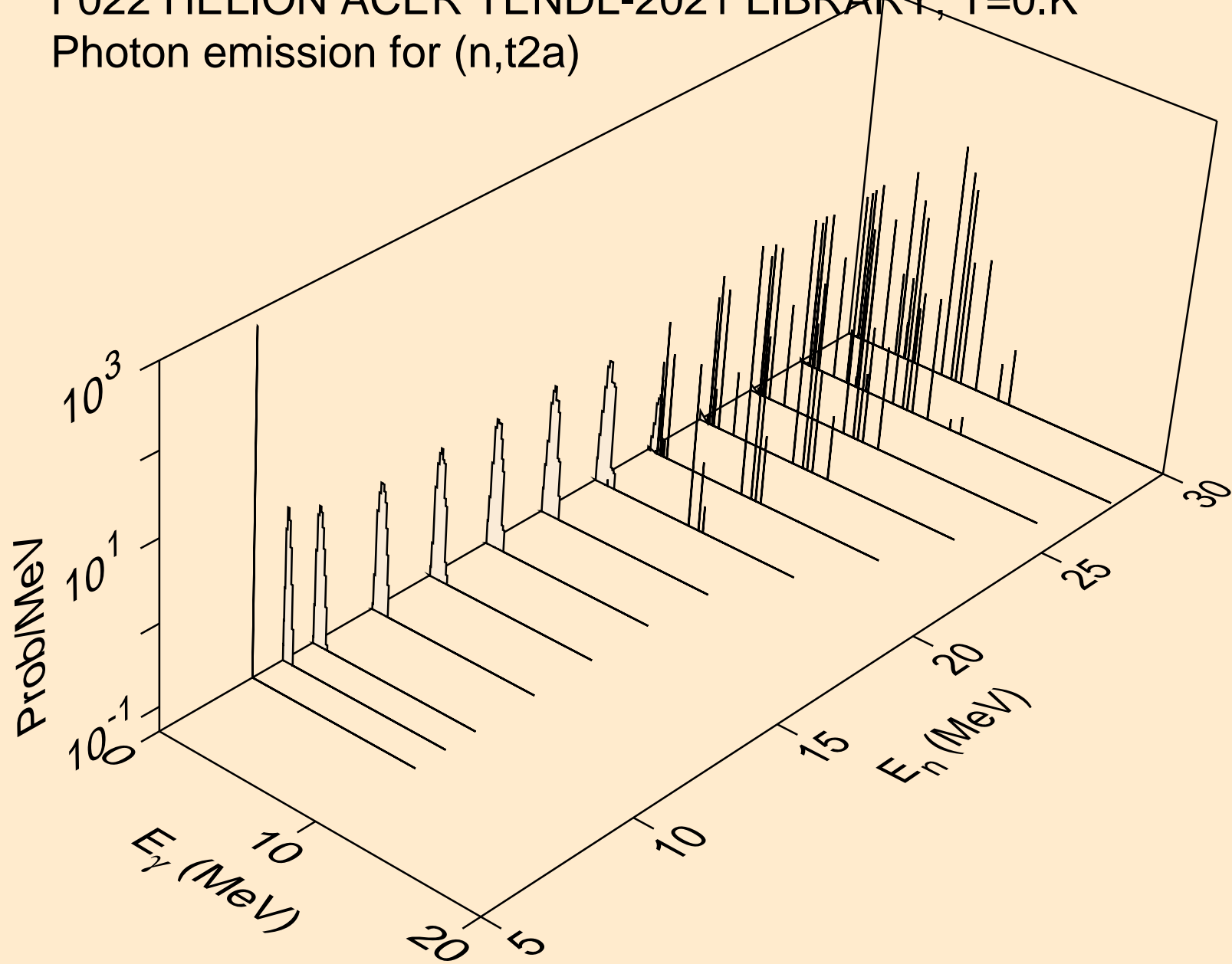
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Photon emission for (n,2p)



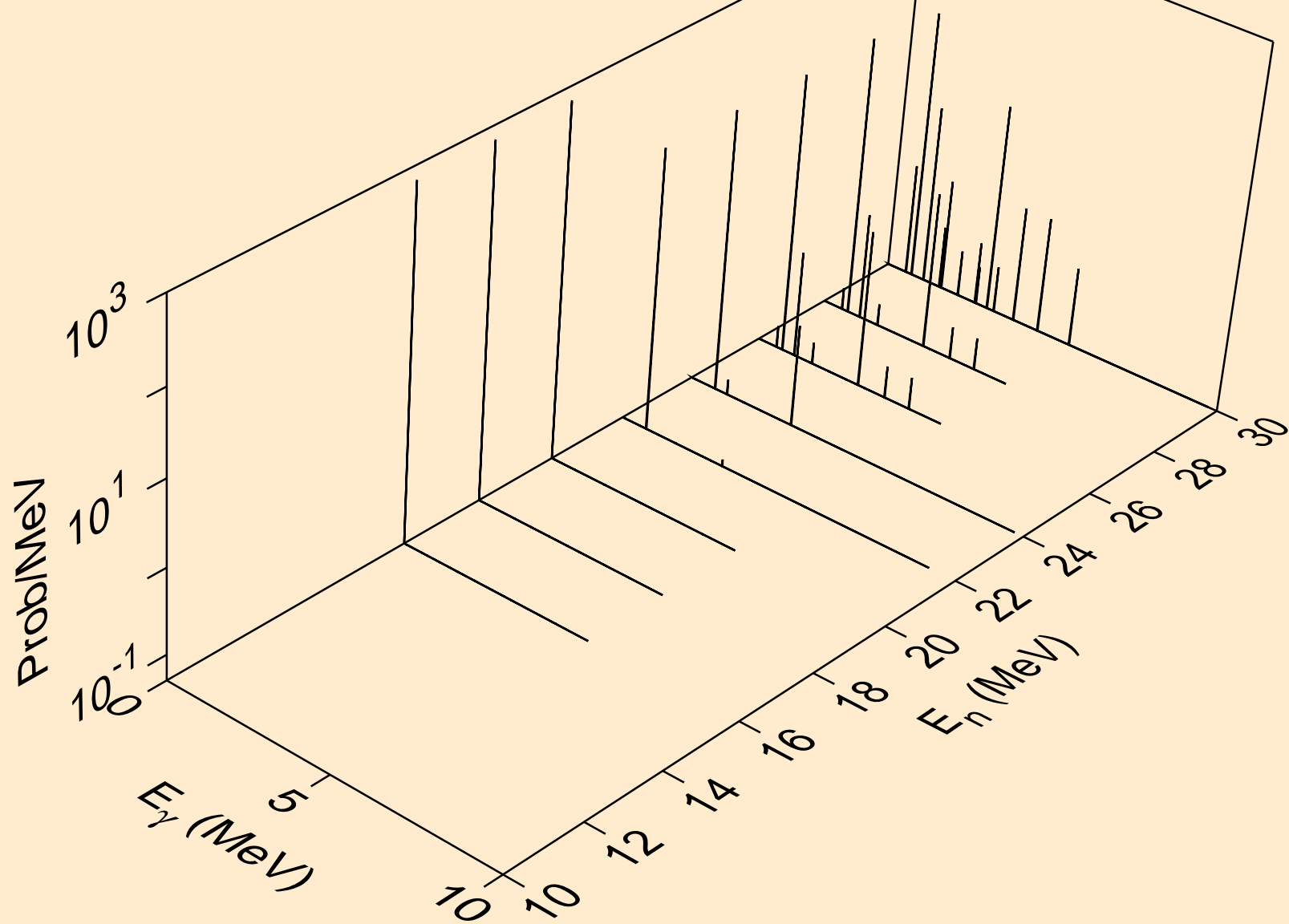
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Photon emission for (n,p $\alpha$ )



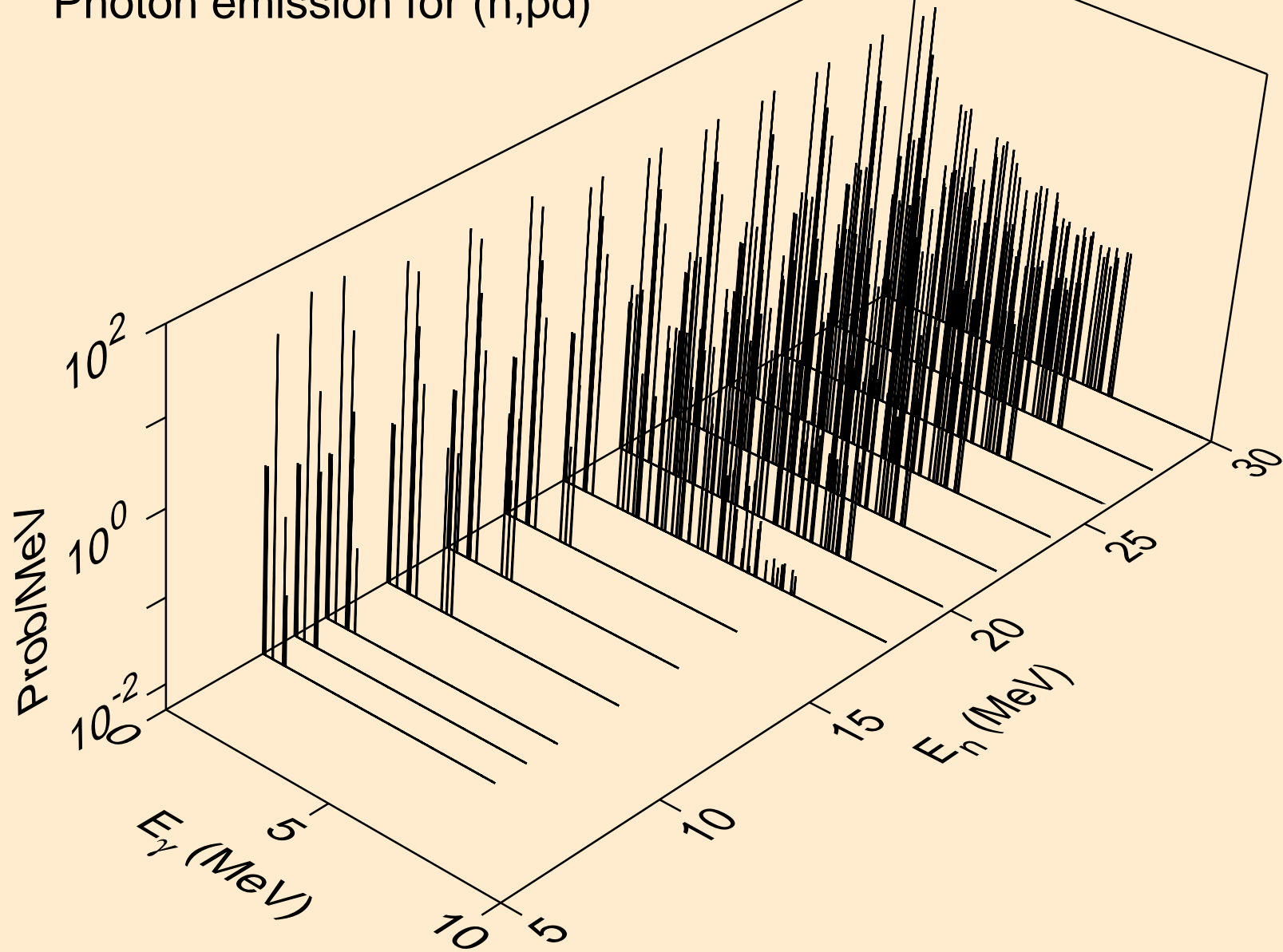
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Photon emission for (n,t2a)



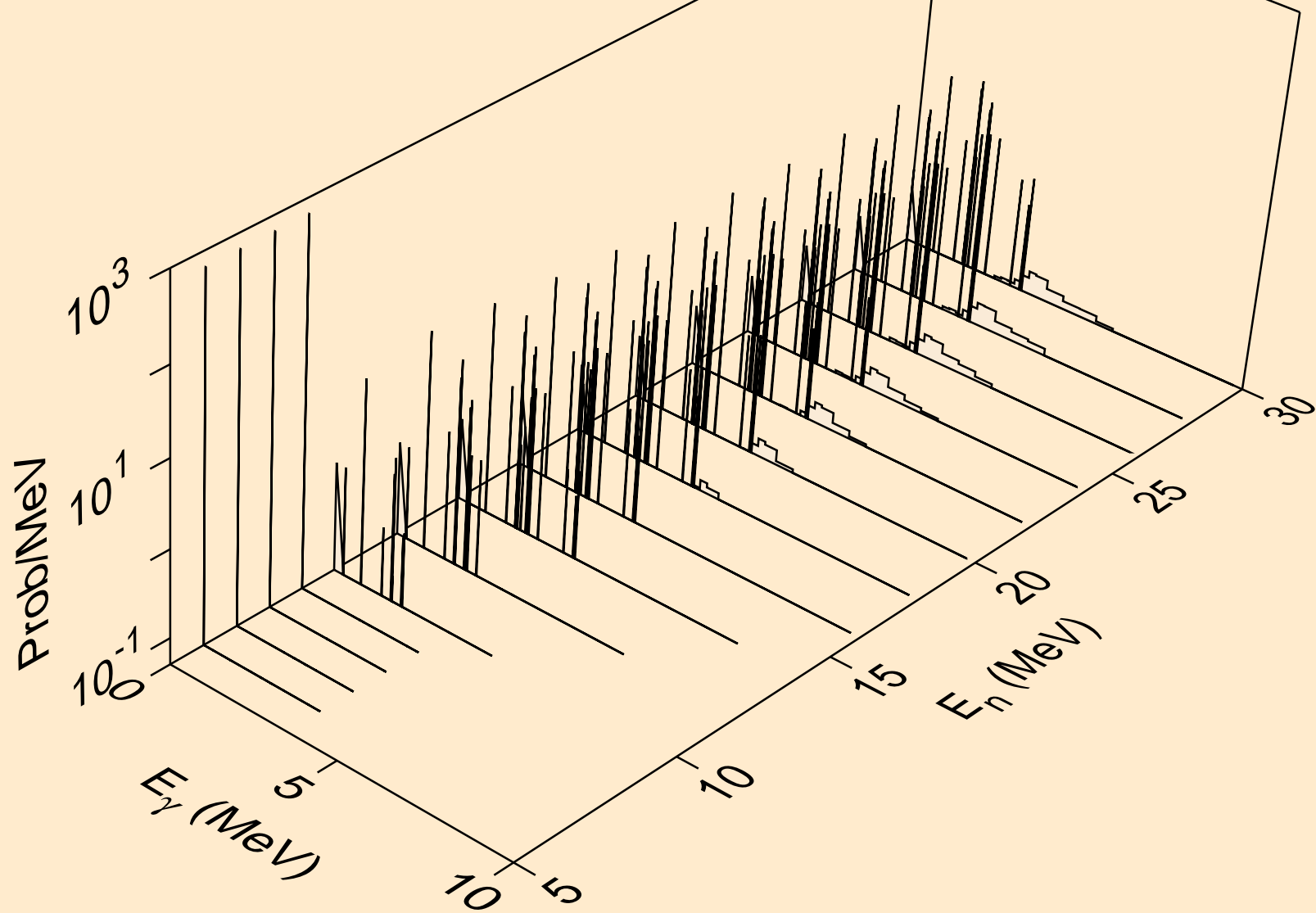
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Photon emission for (n,d2a)



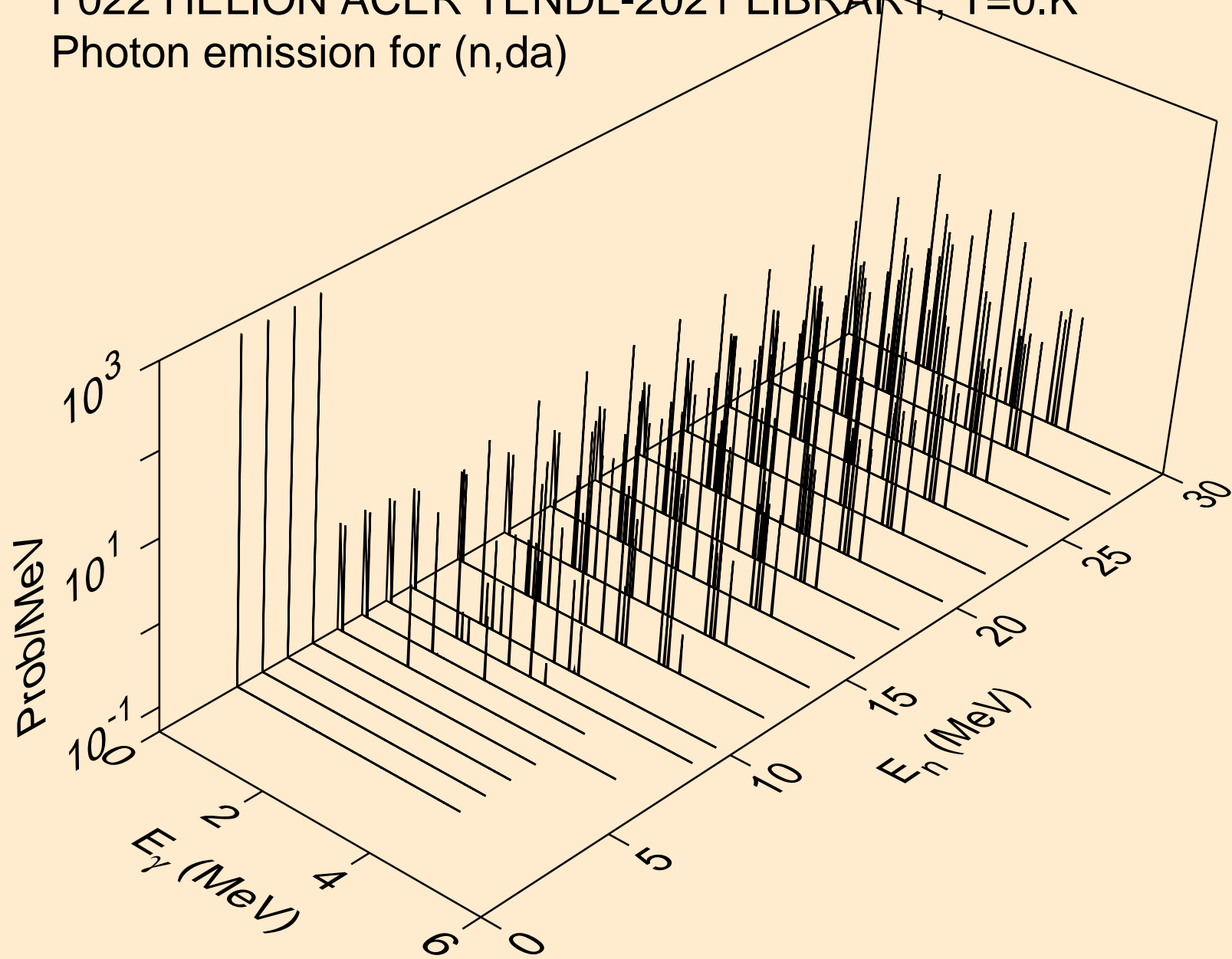
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

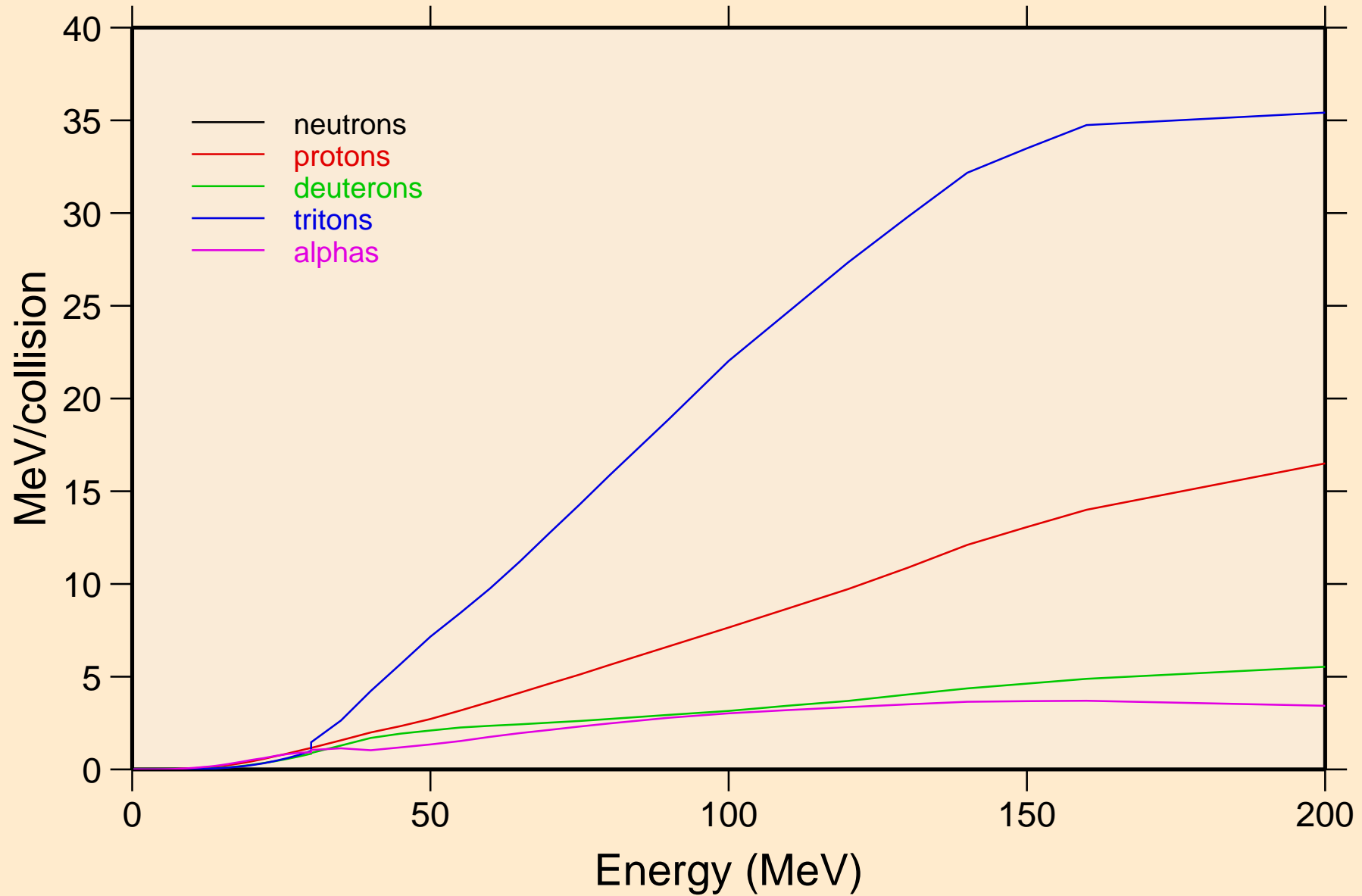


F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

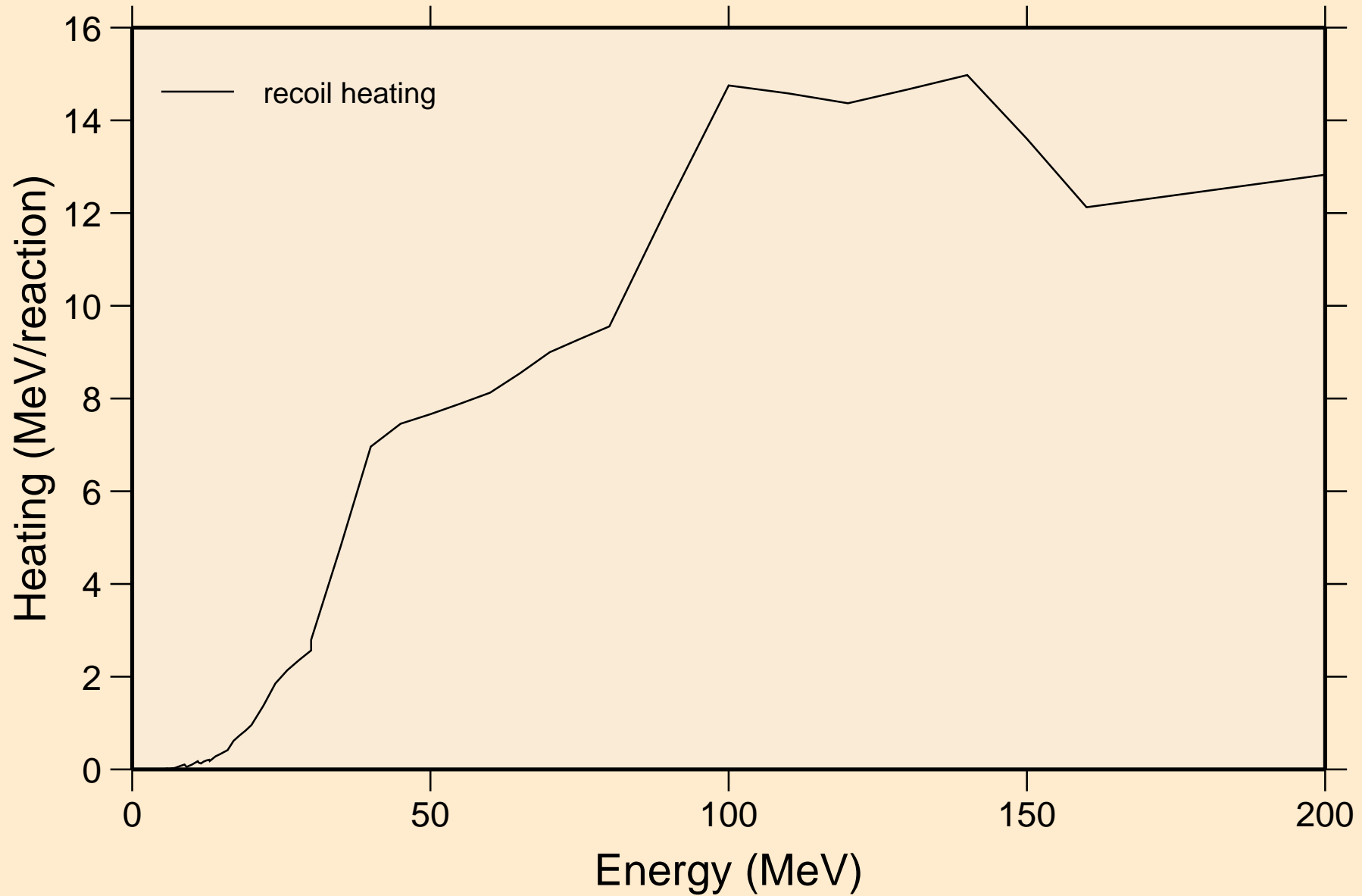




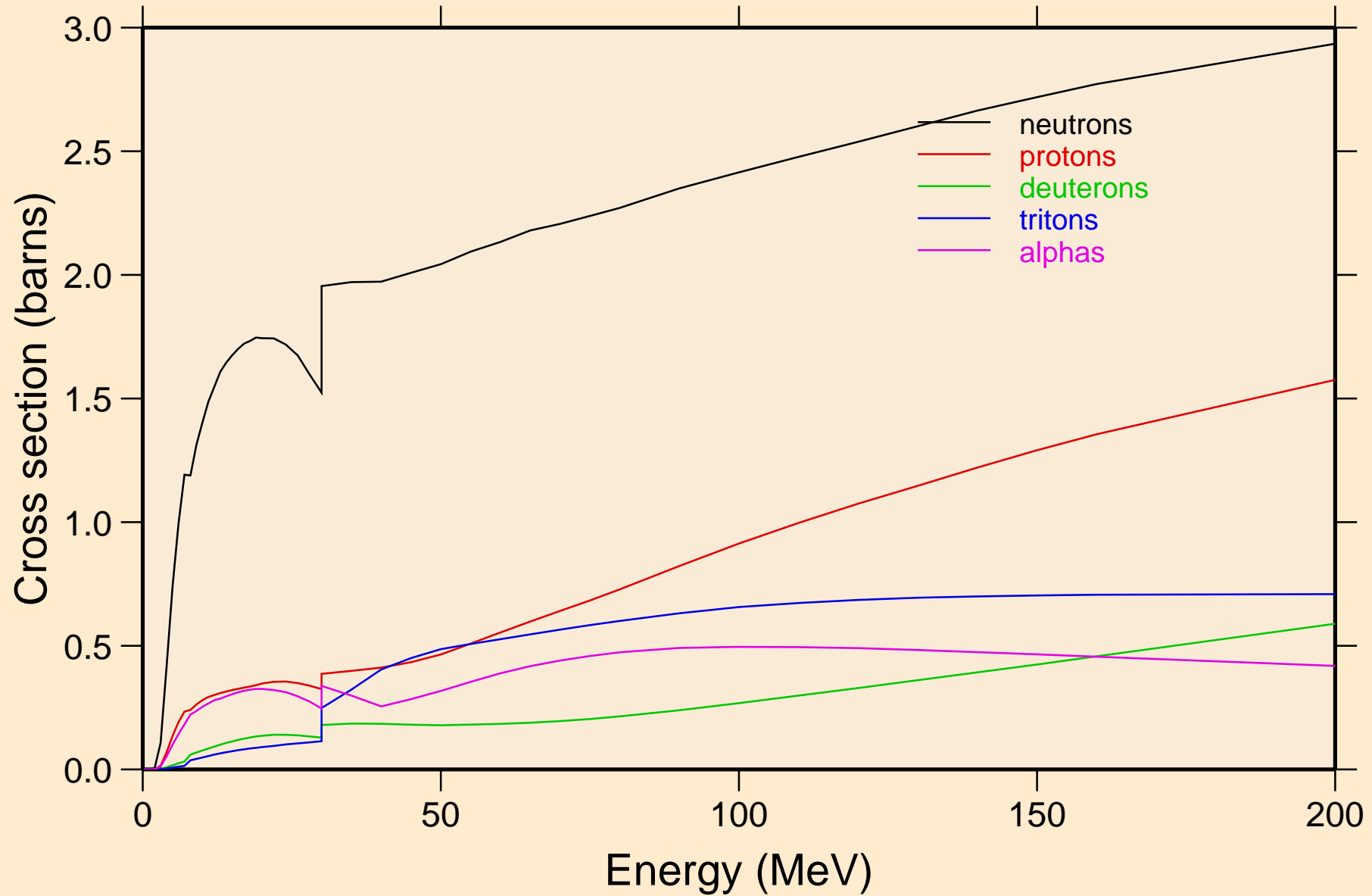
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



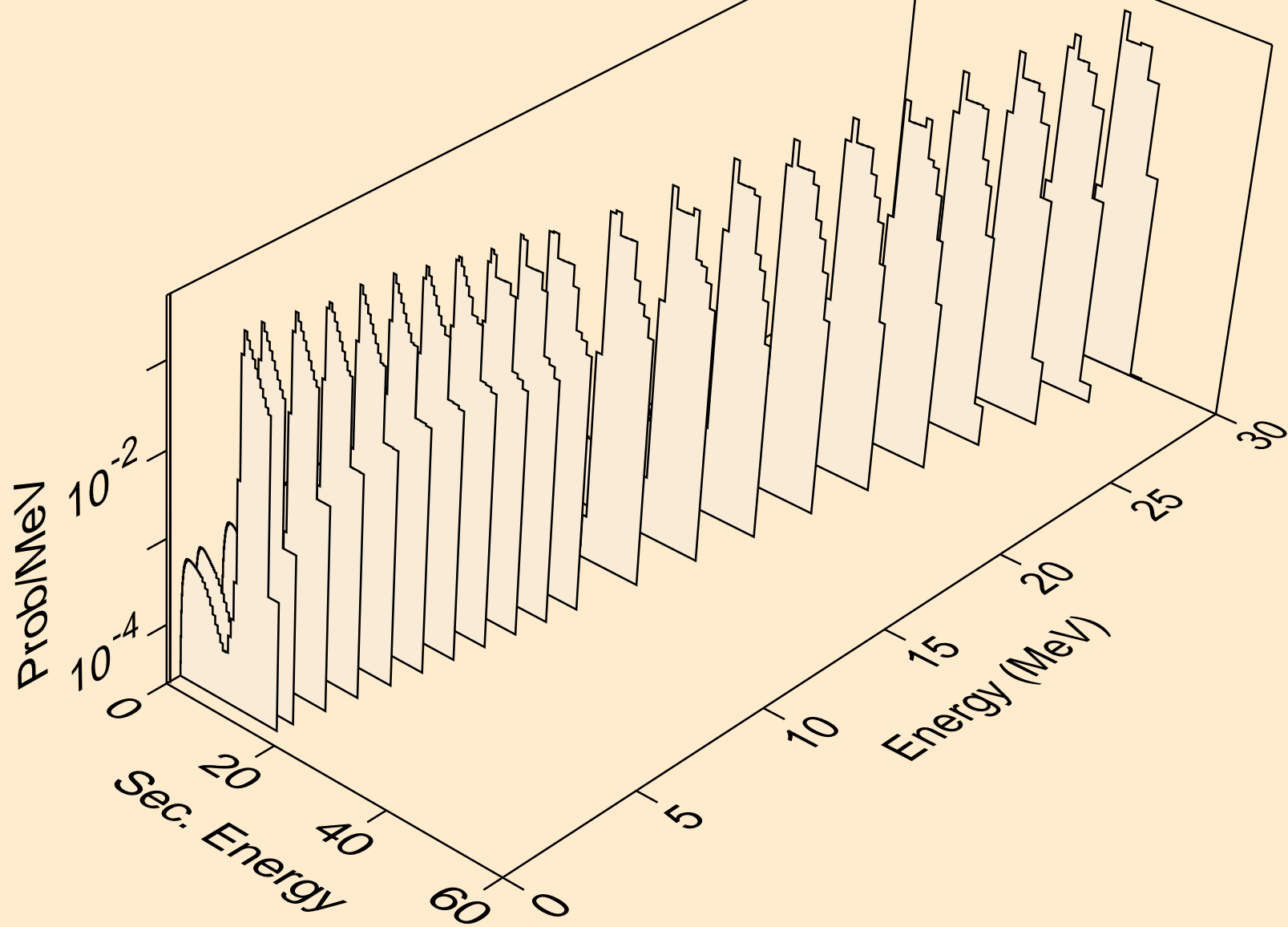
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



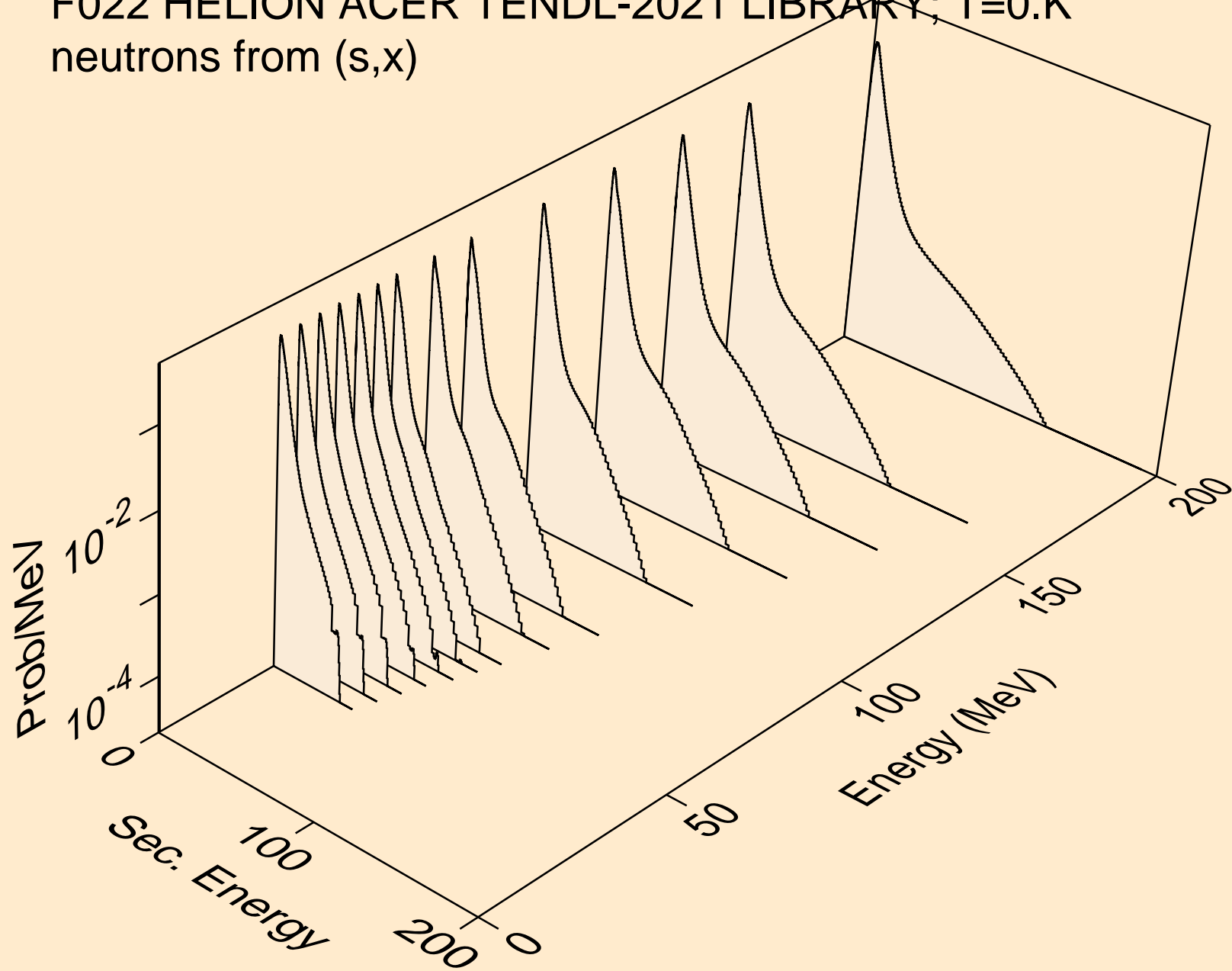
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



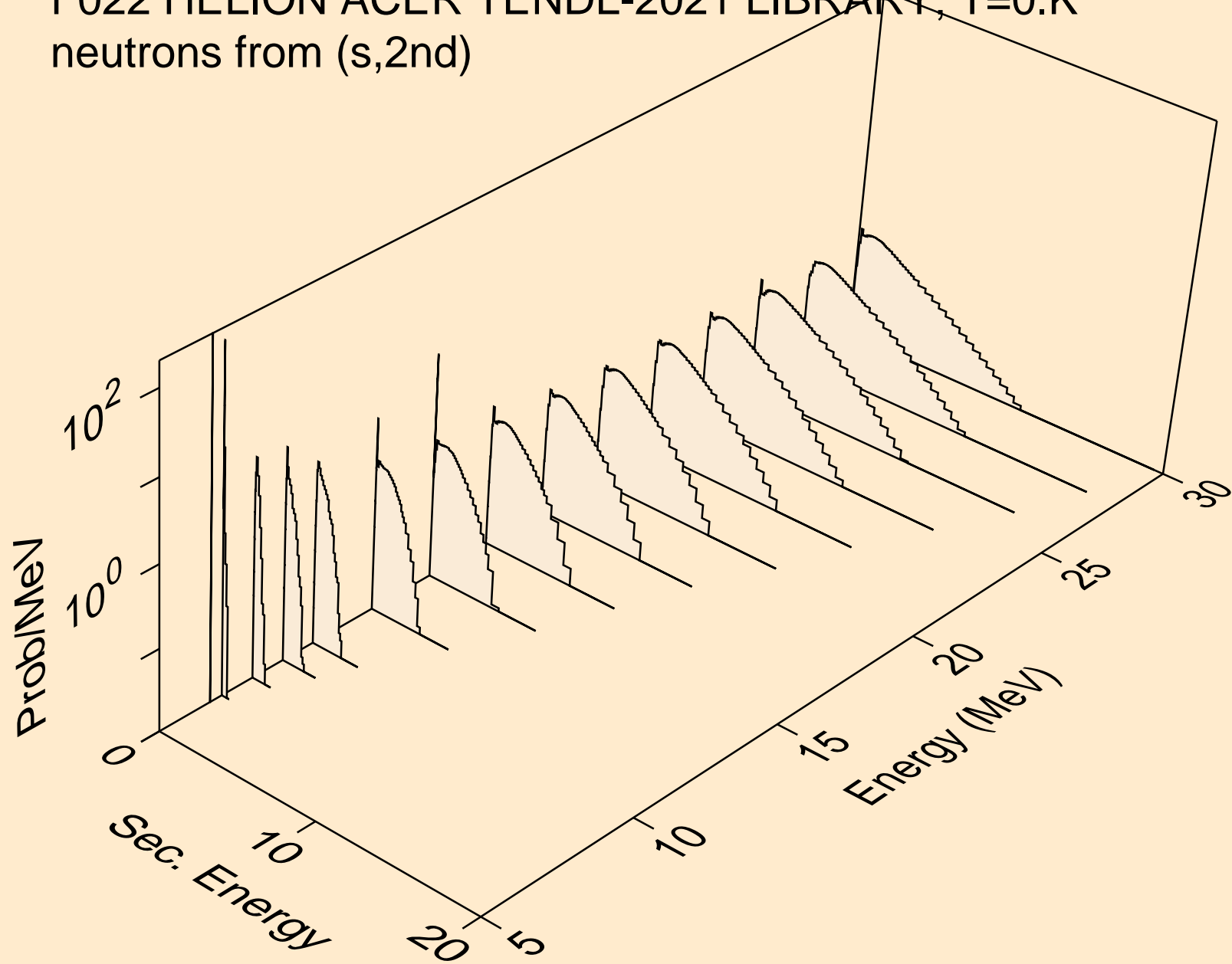
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



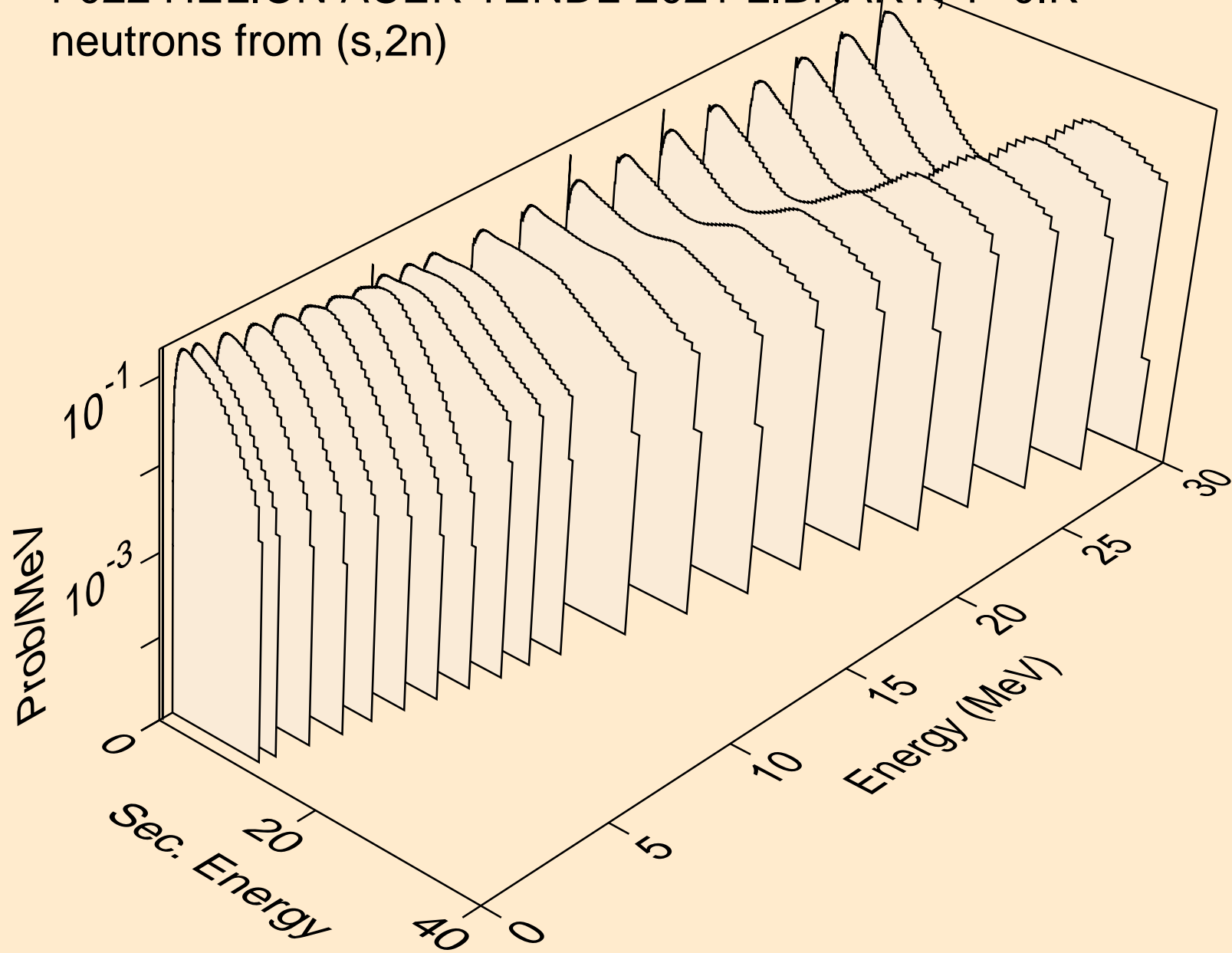
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neutrons from (s,x)



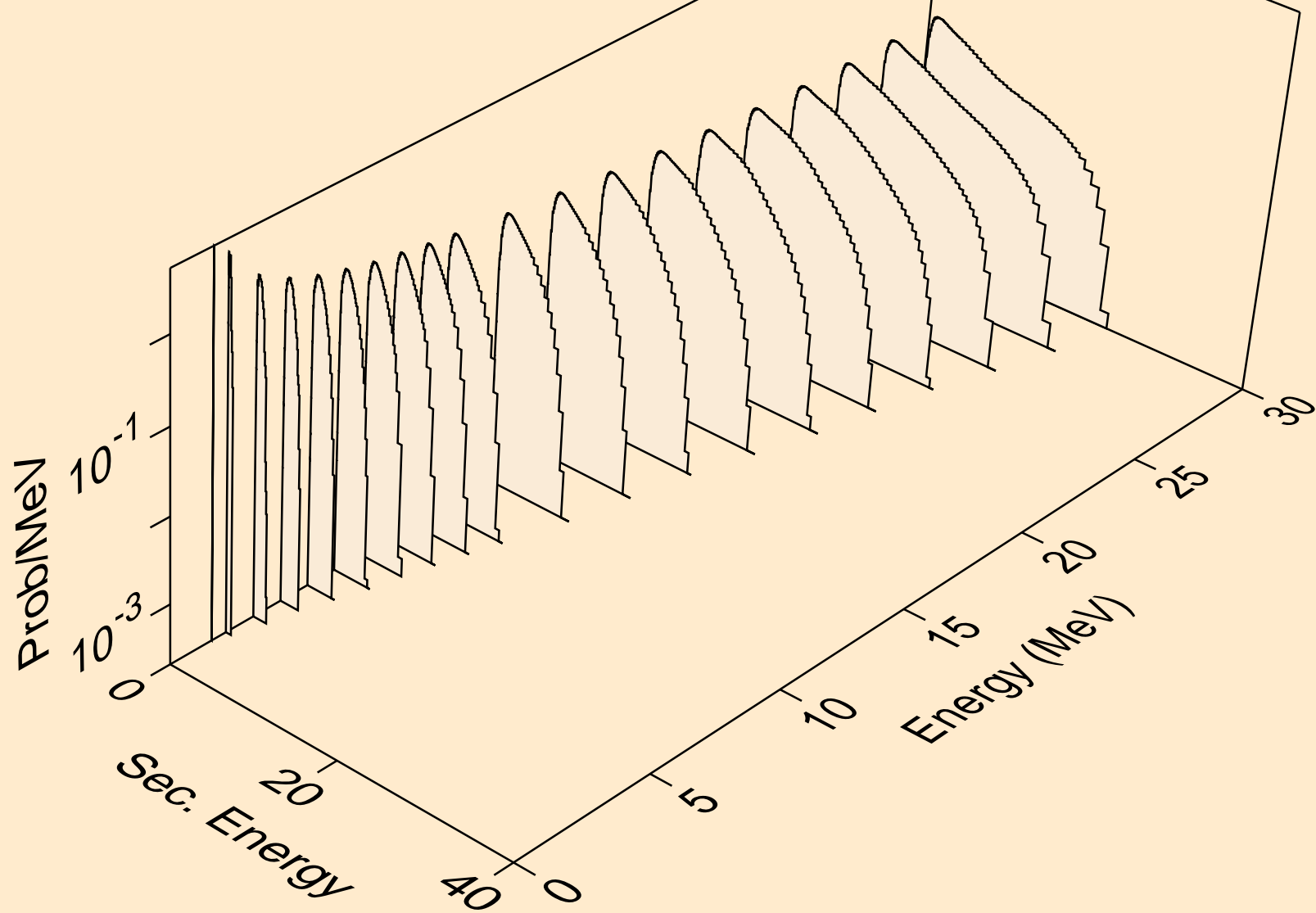
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)

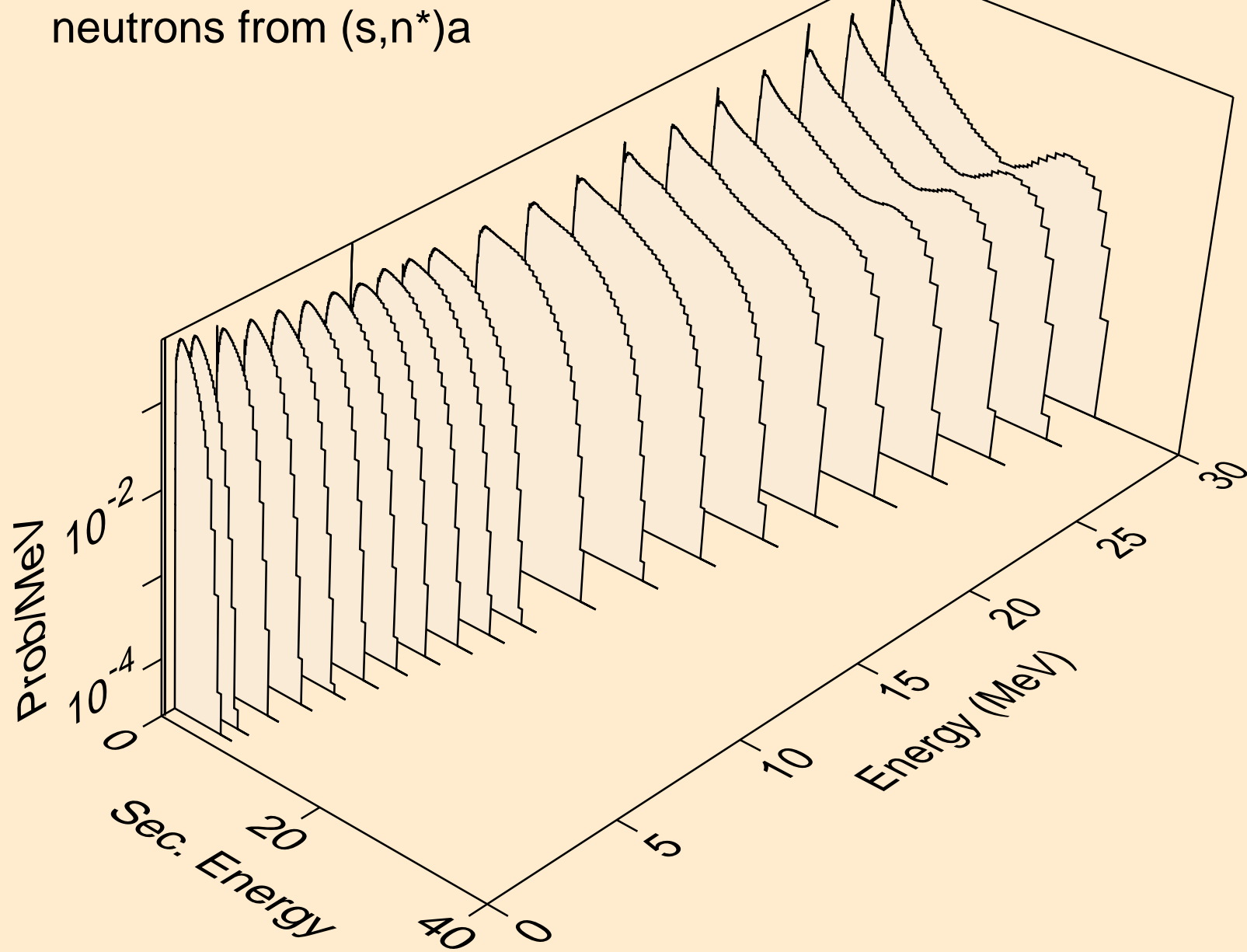


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neutrons from (s,3n)

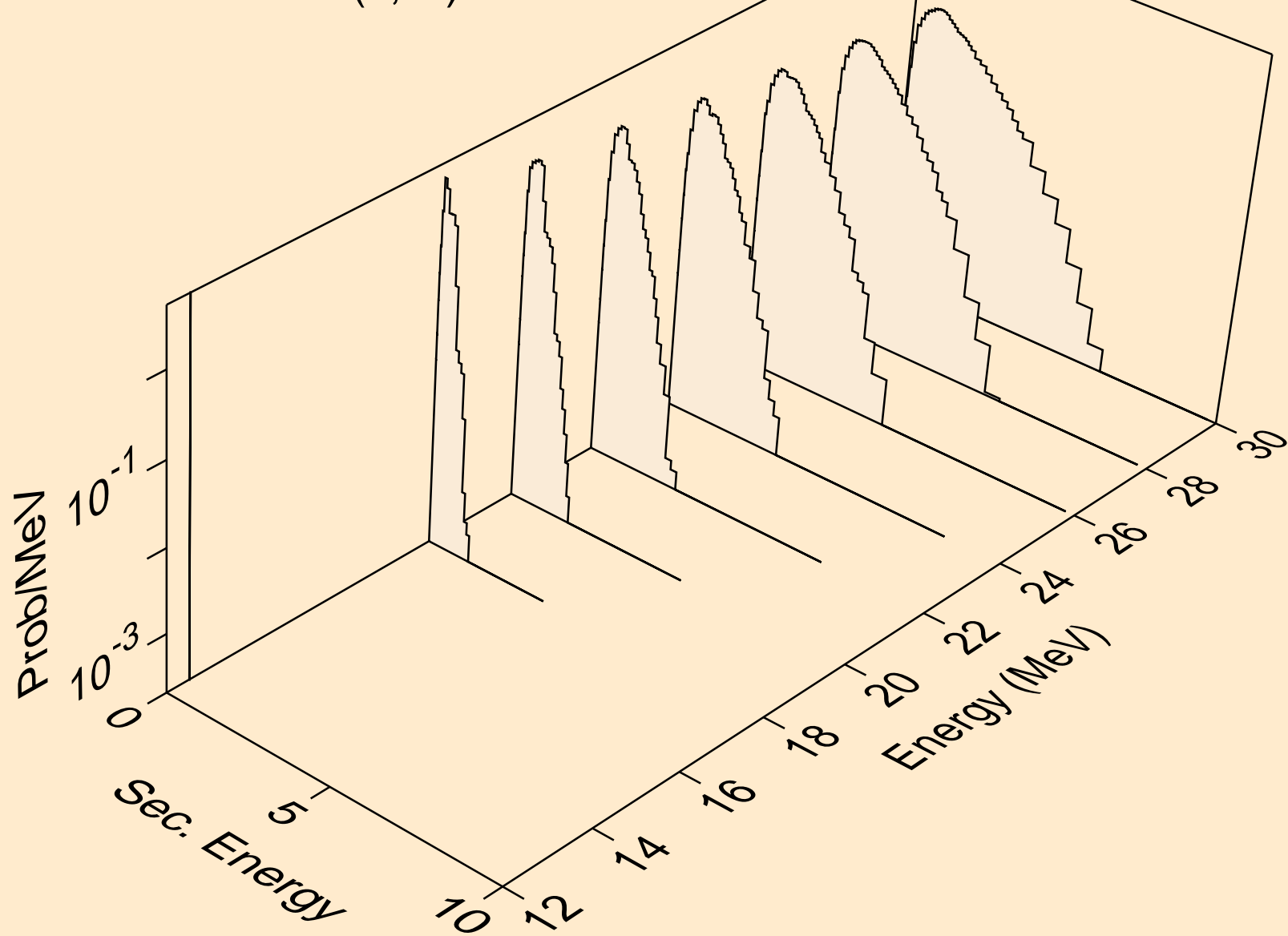




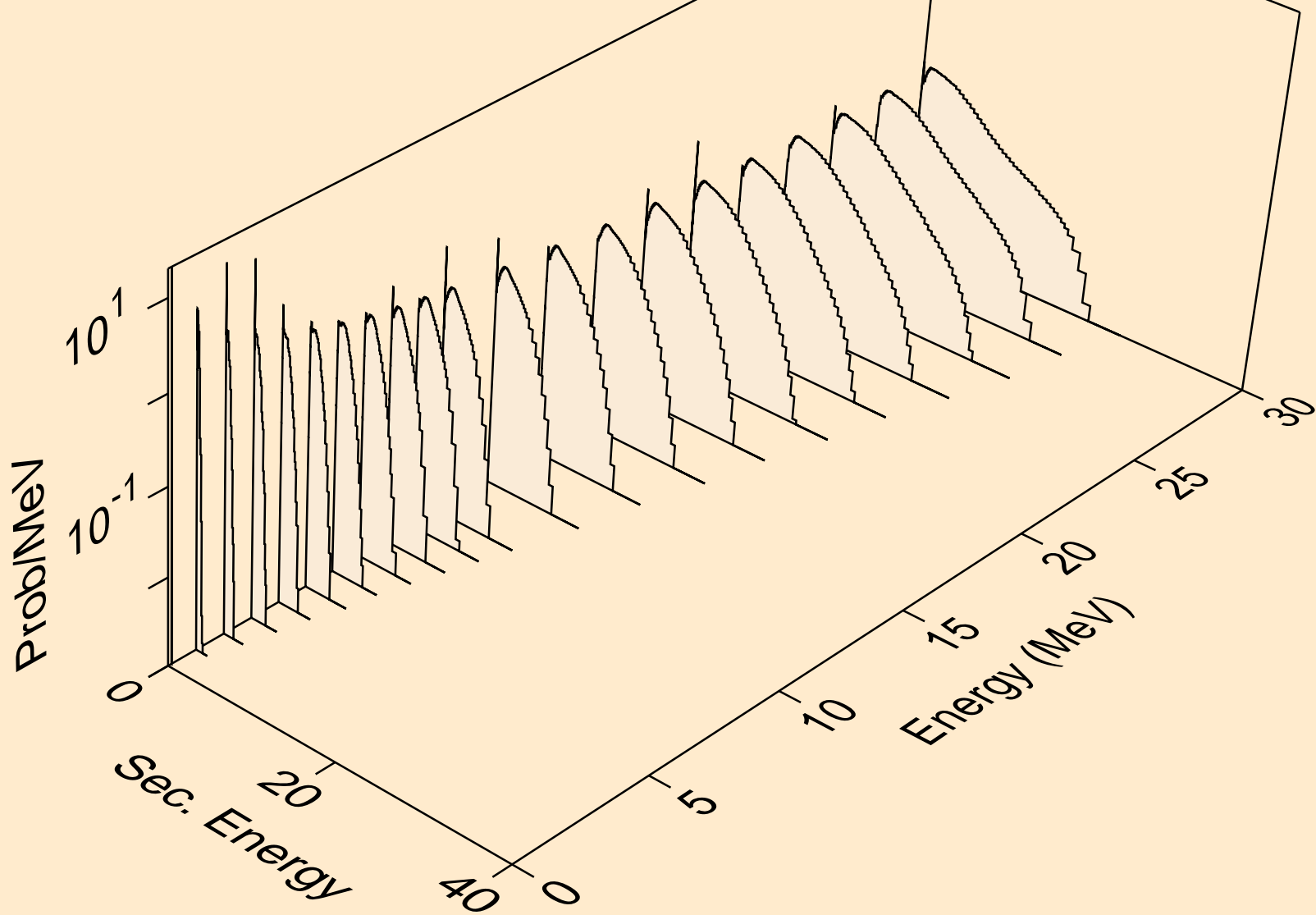
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neutrons from (s,n\*)a



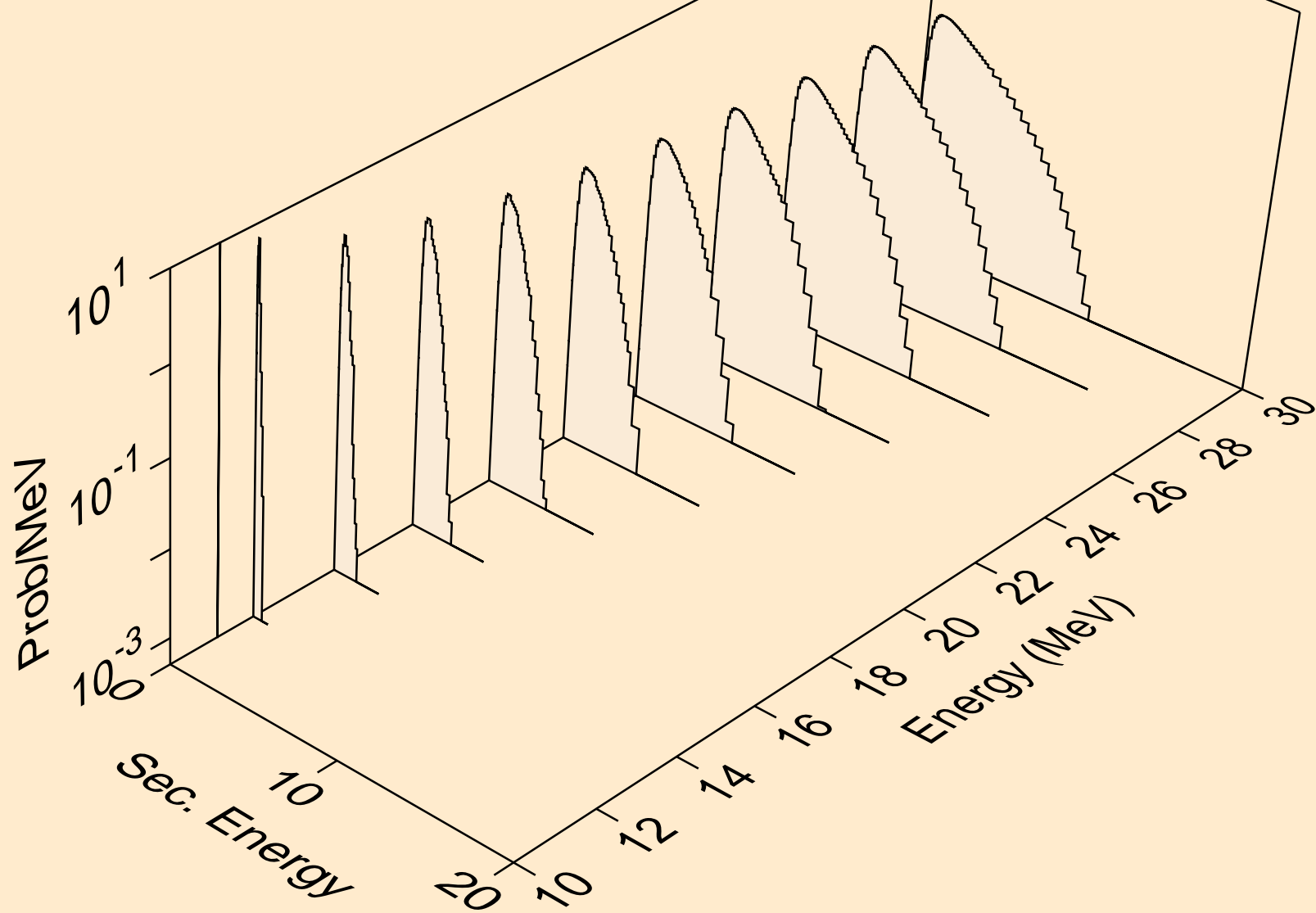
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neutrons from (s,n\*)3a



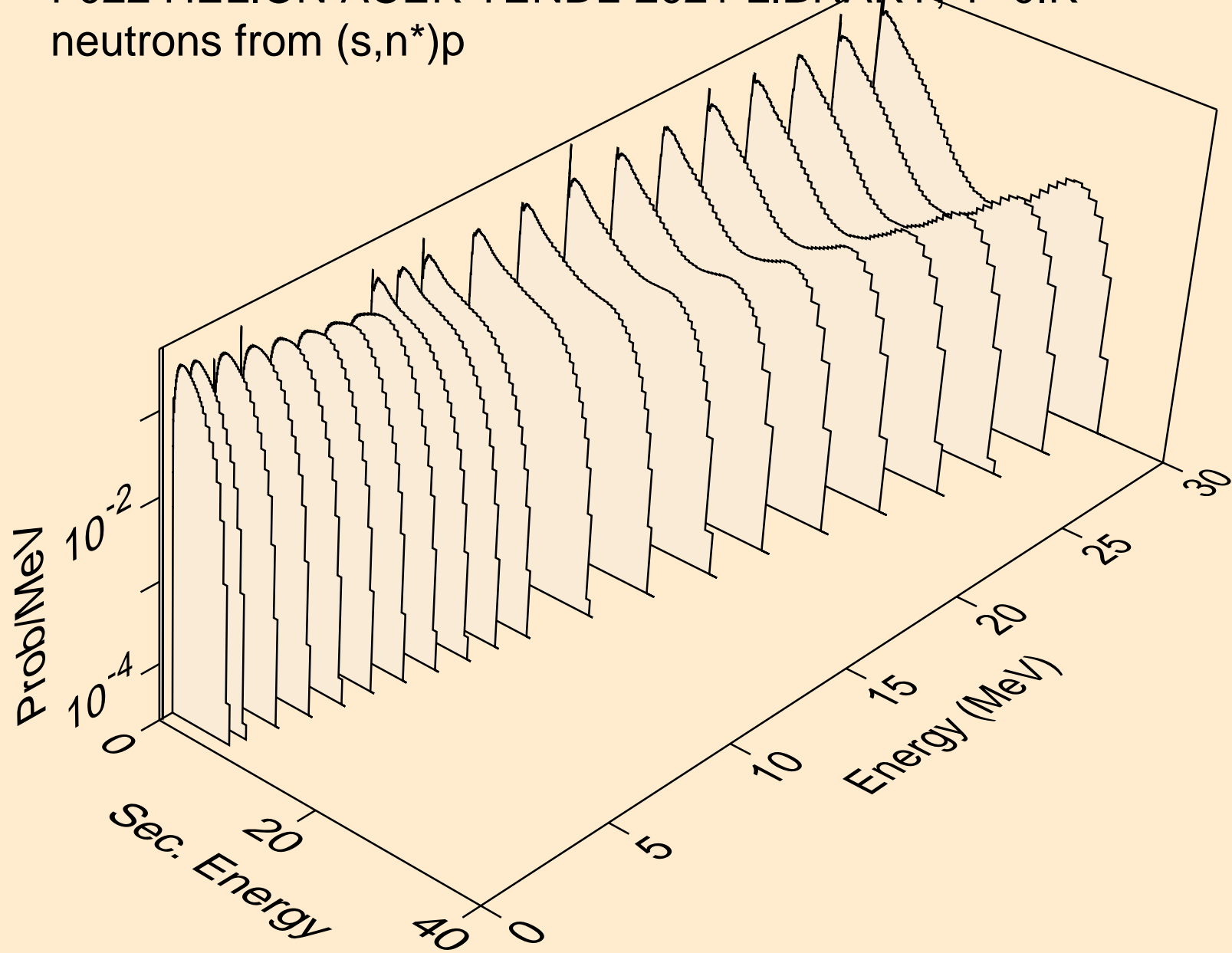
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neutrons from (s,2n)a



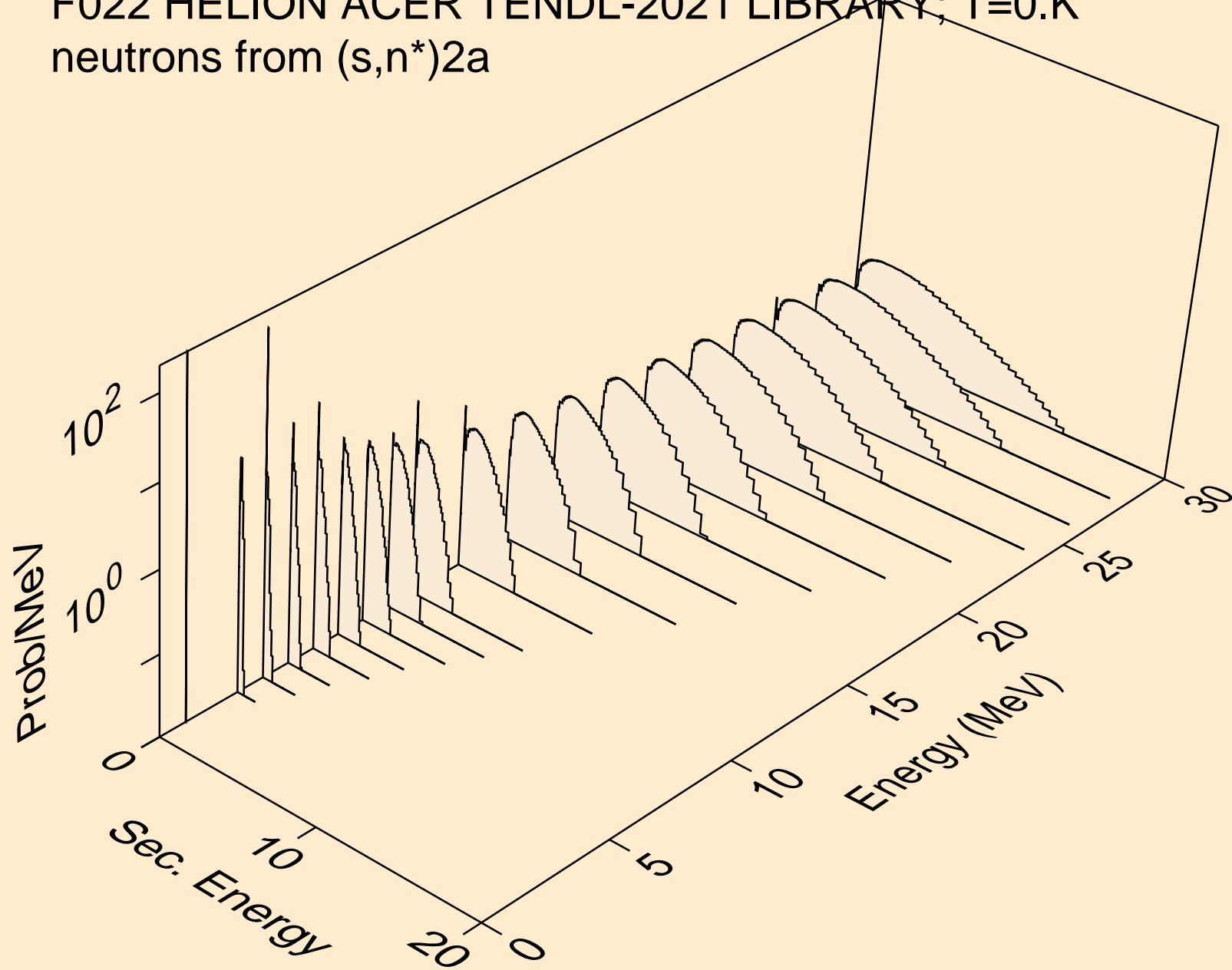
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neutrons from (s,3n)a



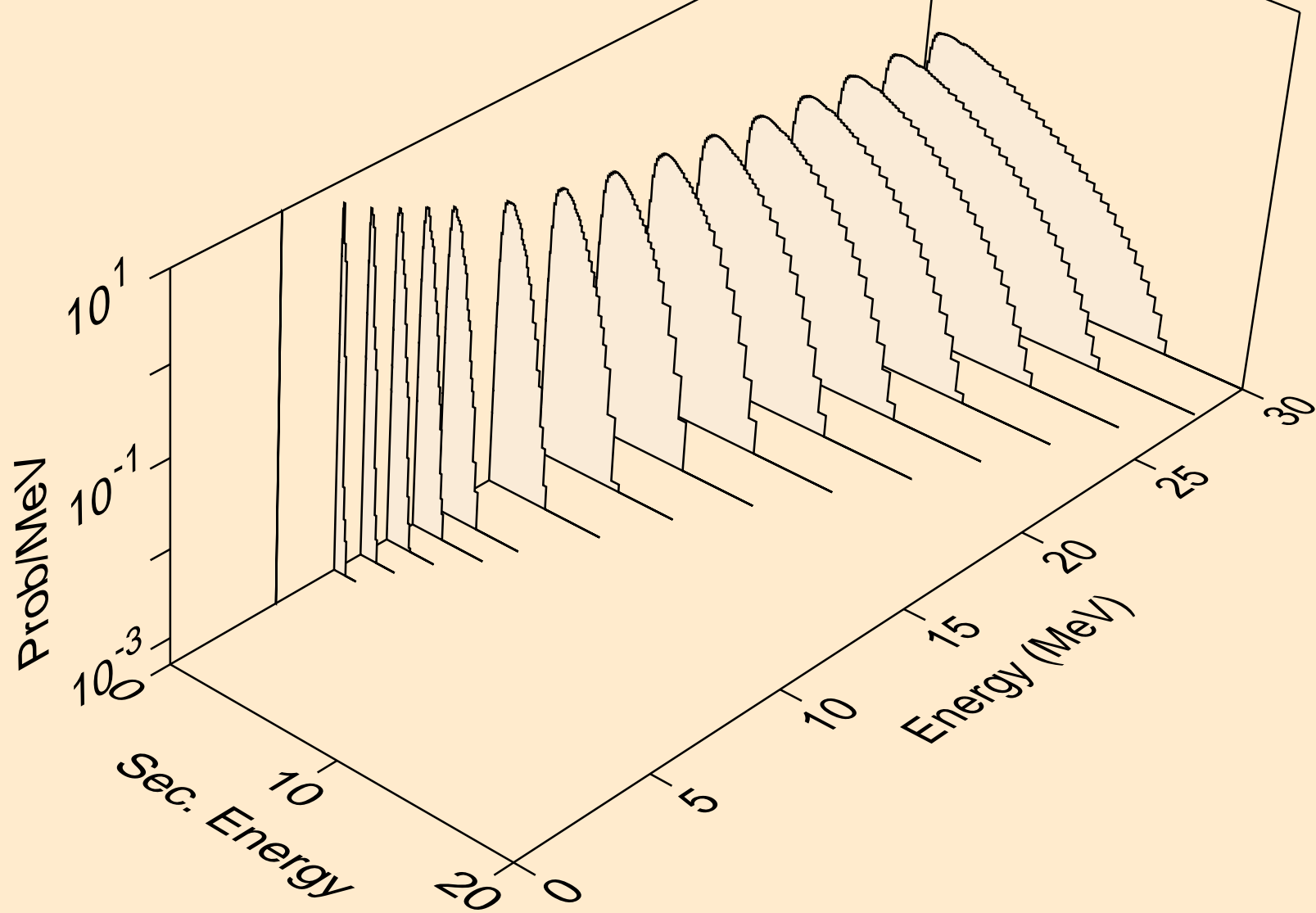
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



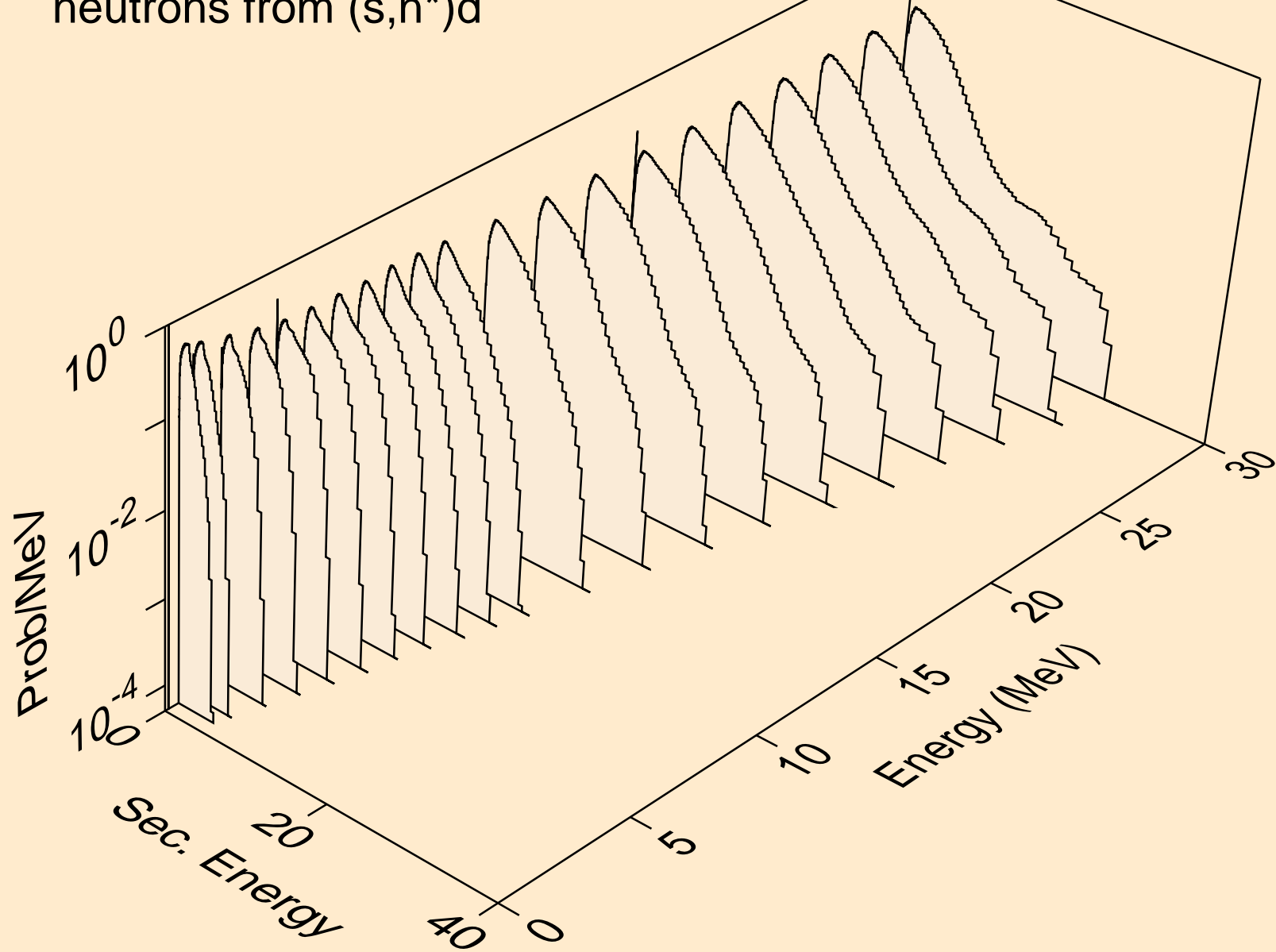
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)2a

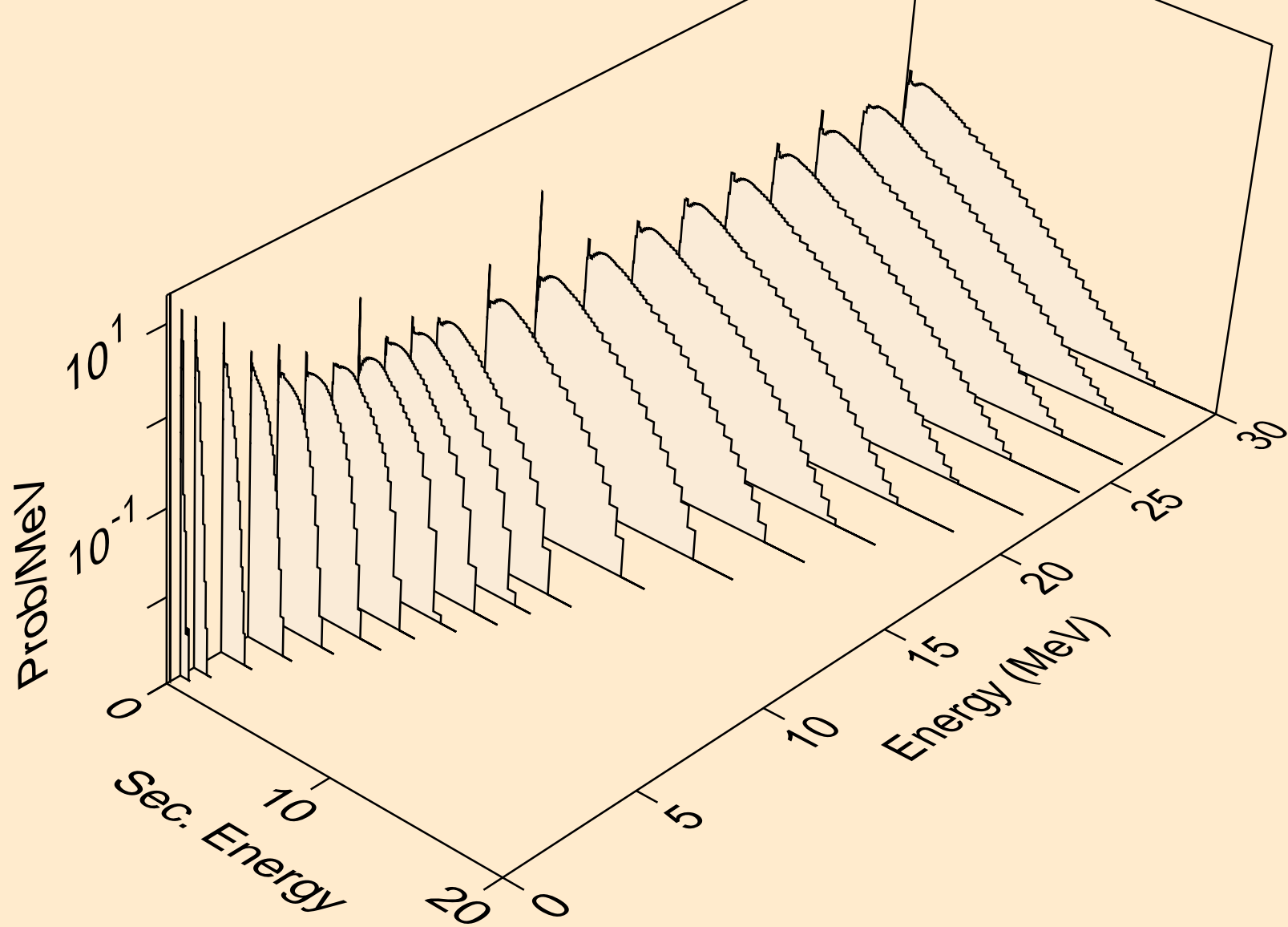


F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d

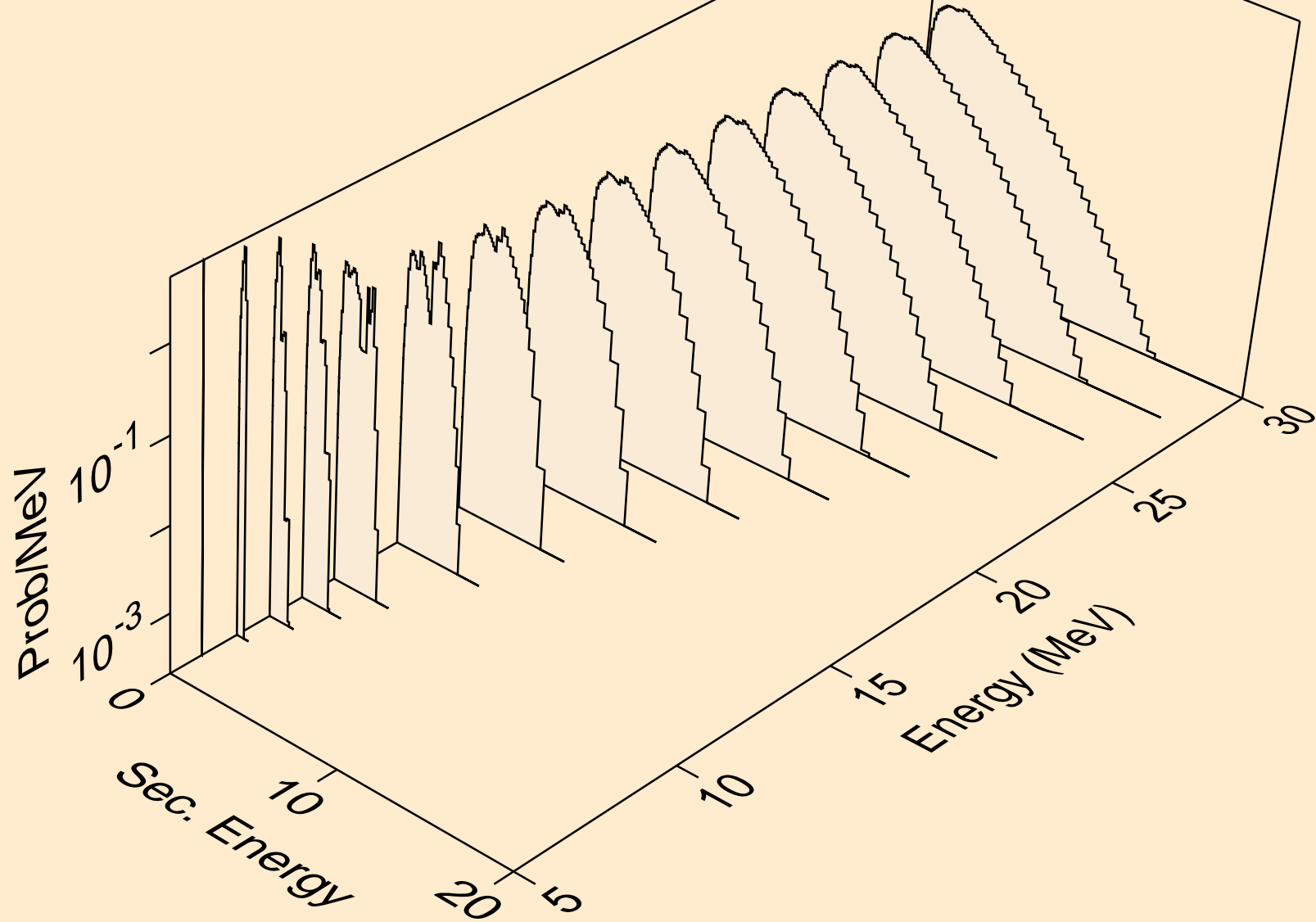




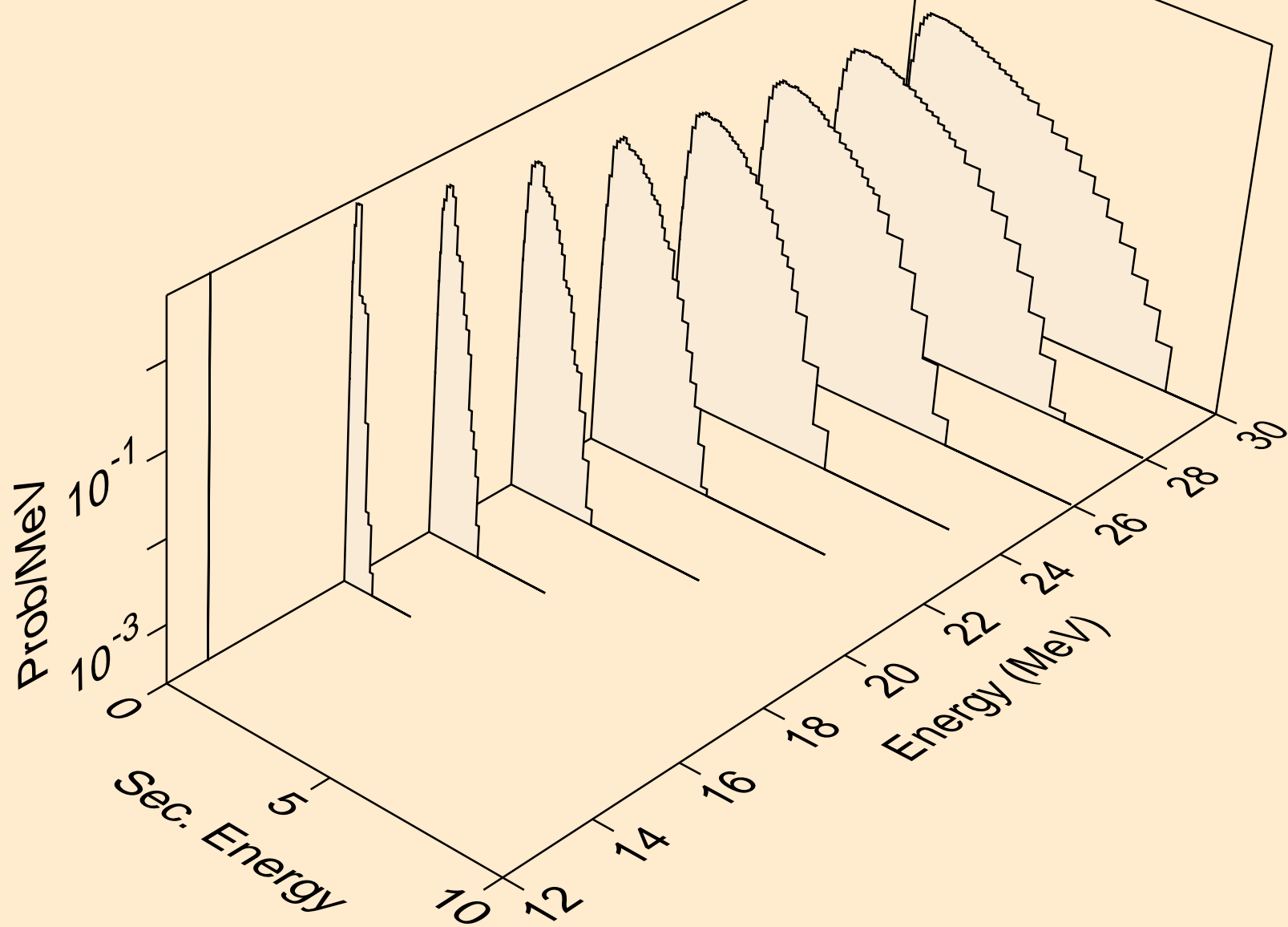
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neutrons from (s,n\*)t



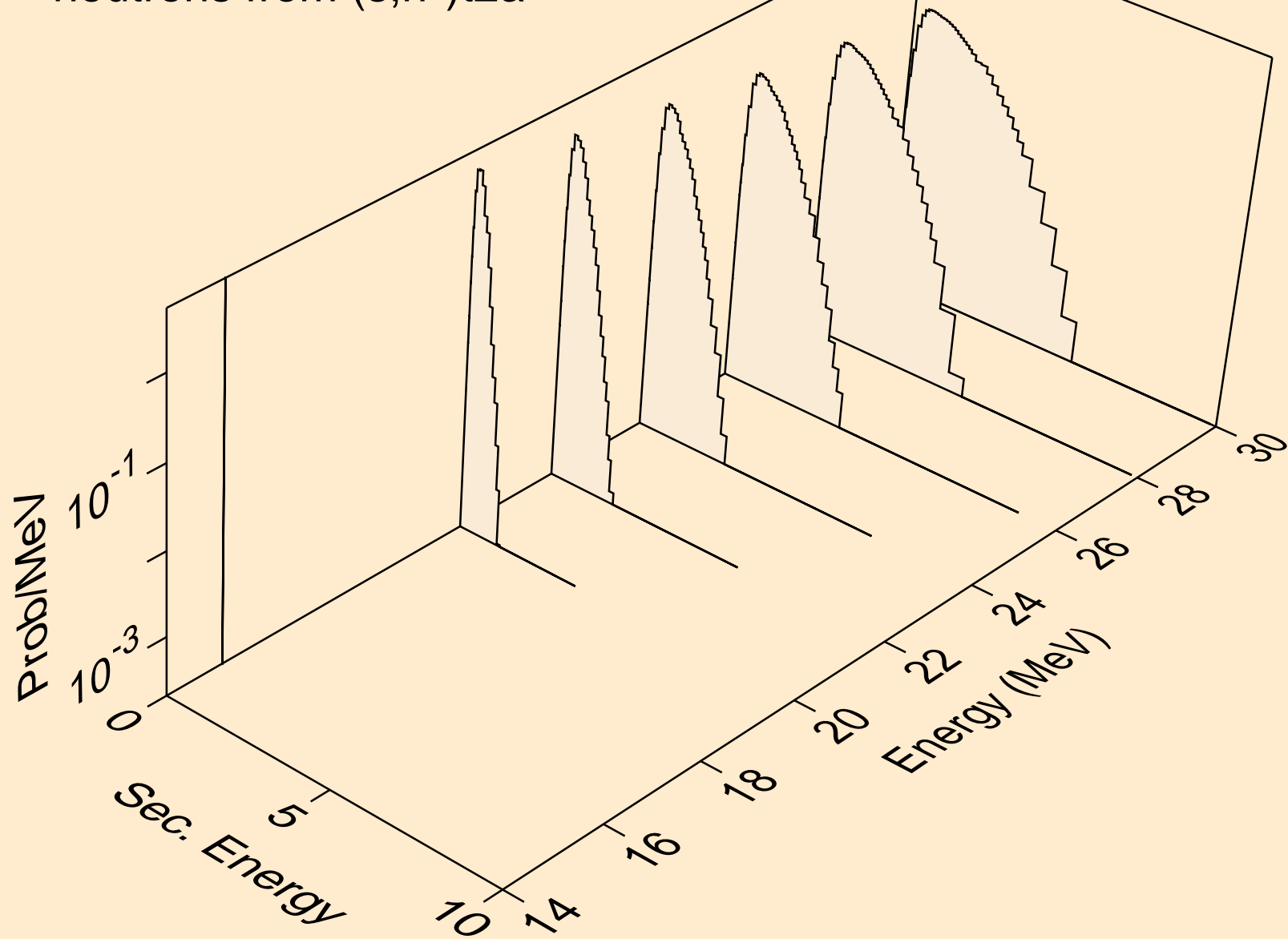
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neutrons from (s,n\*)he3



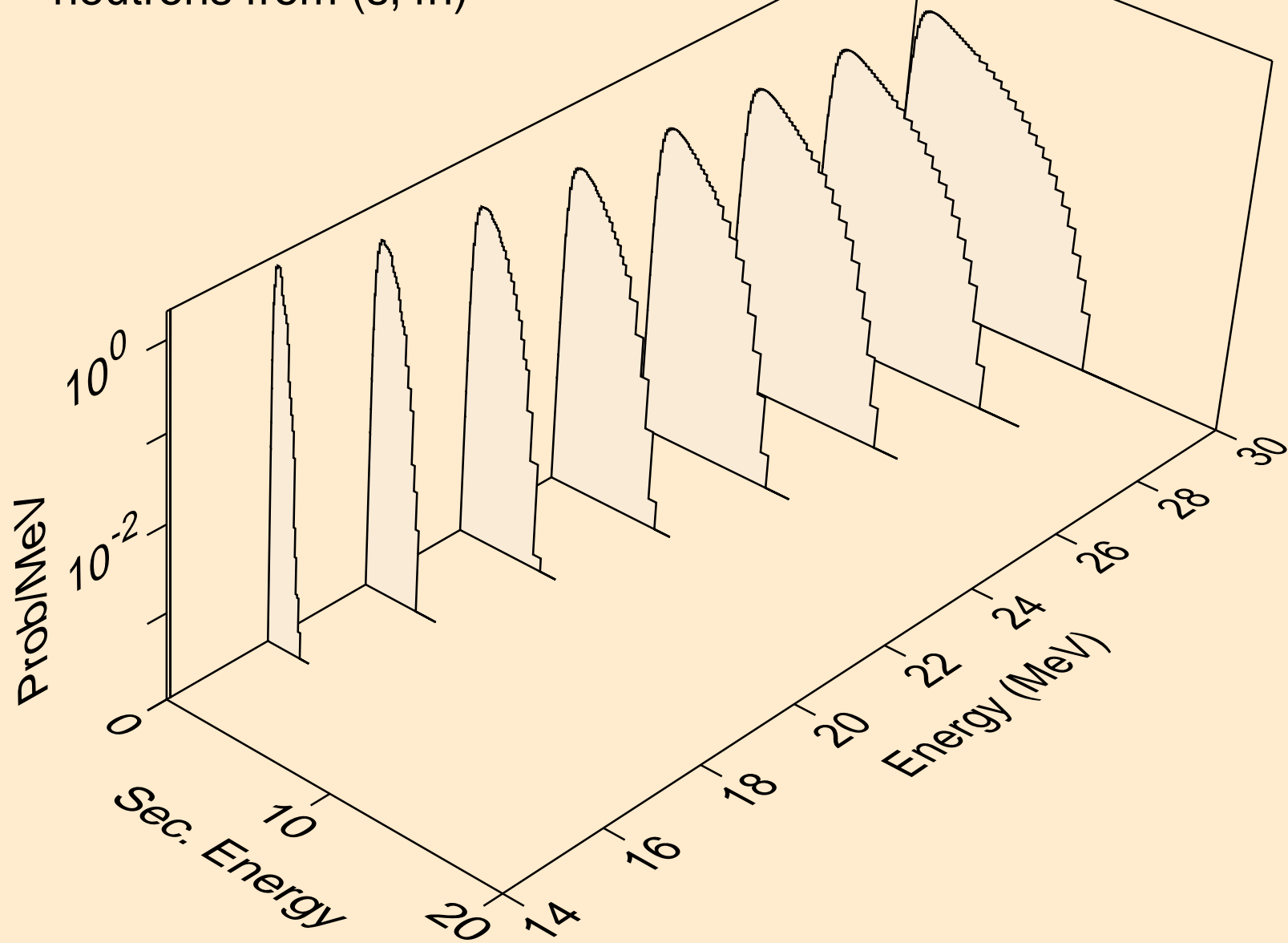
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d2a



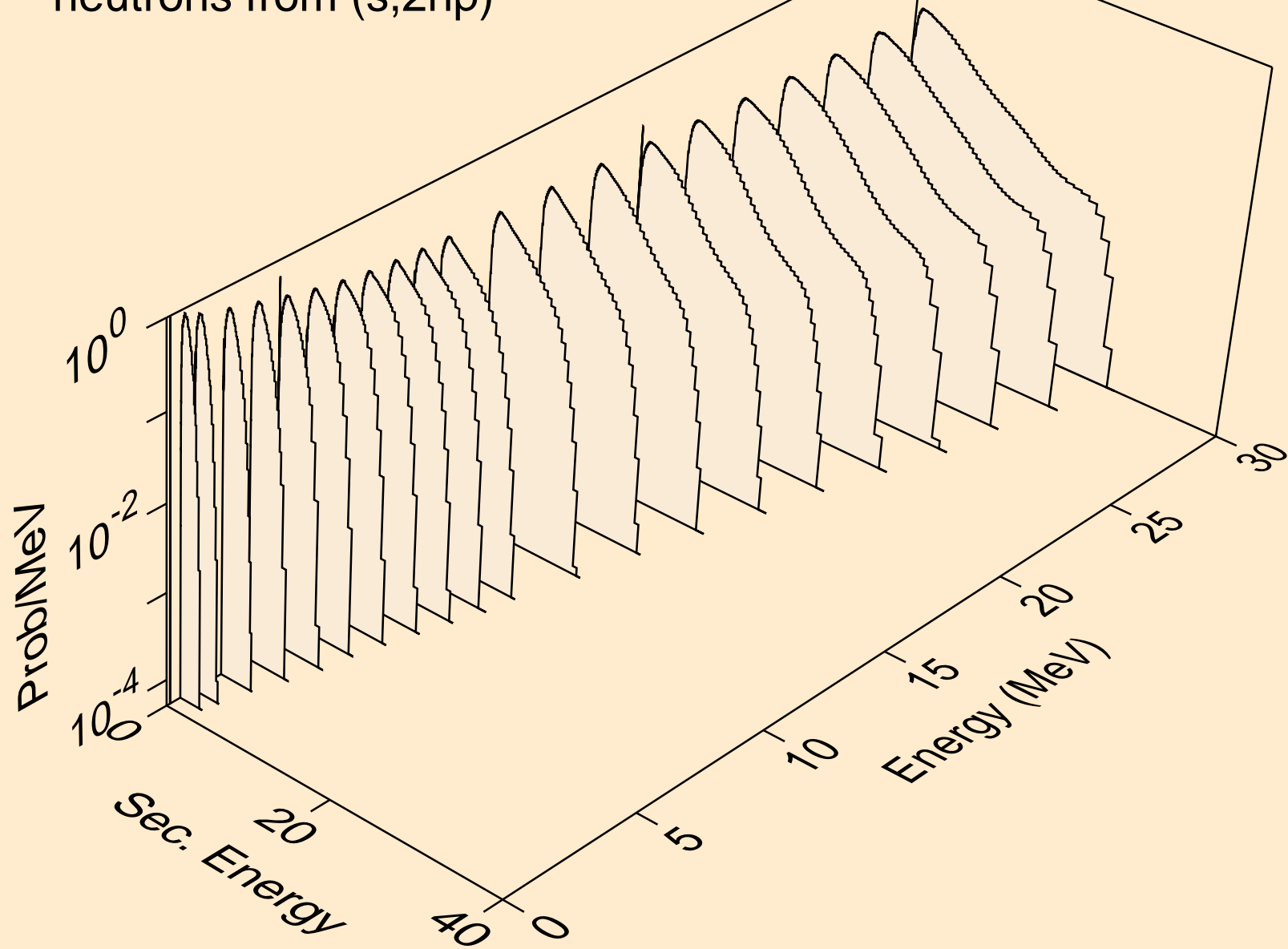
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t2a



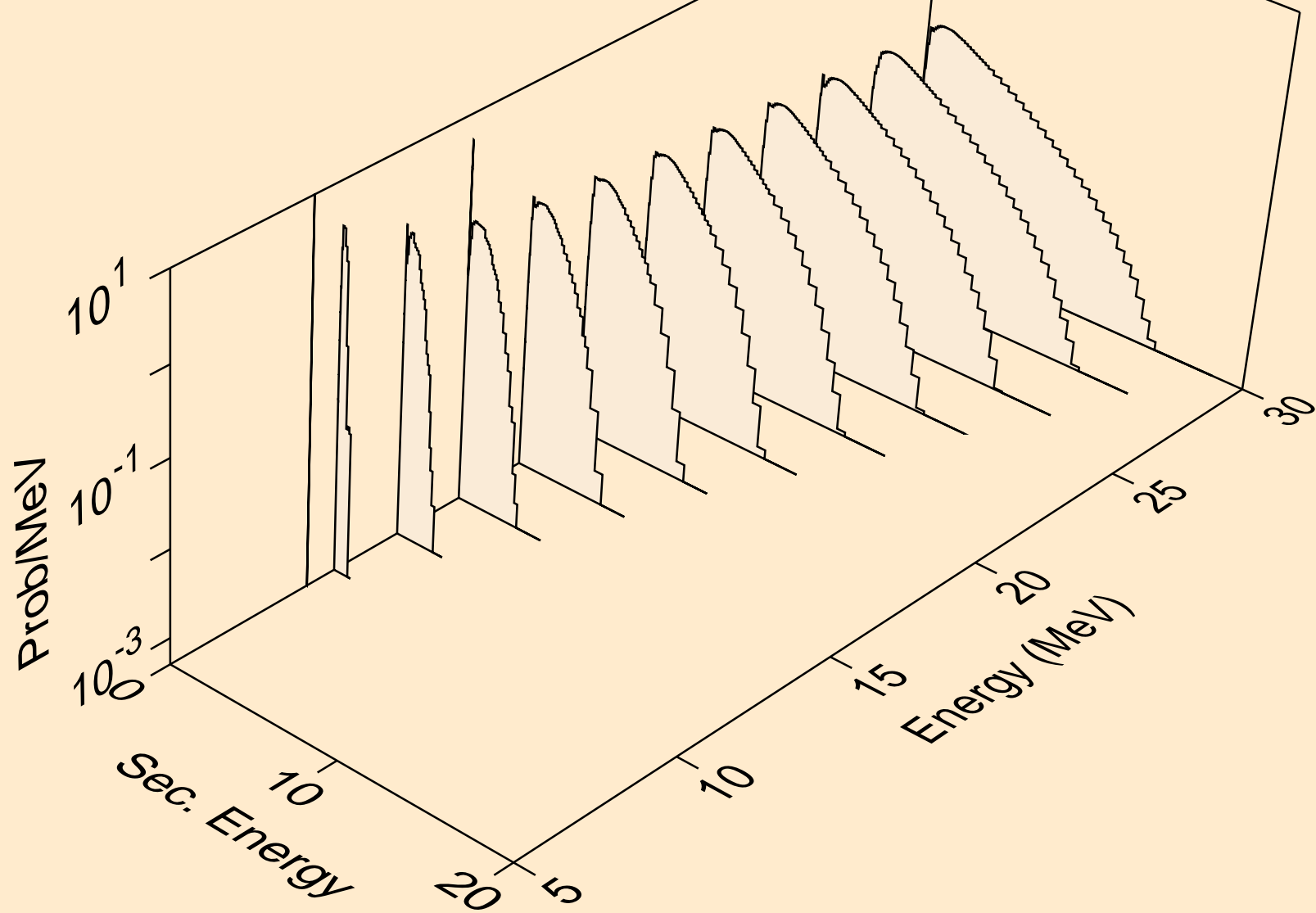
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neutrons from (s,4n)



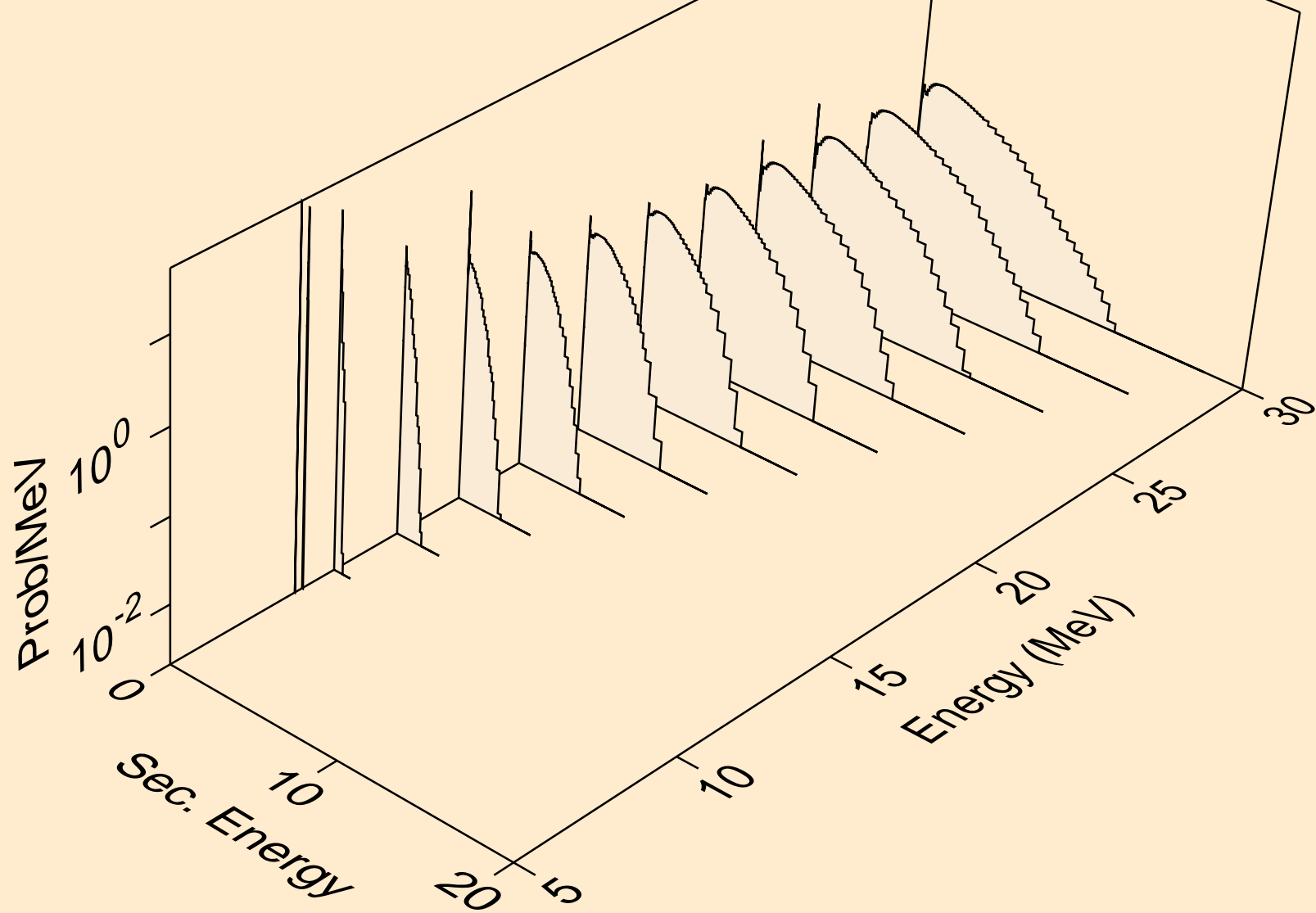
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)

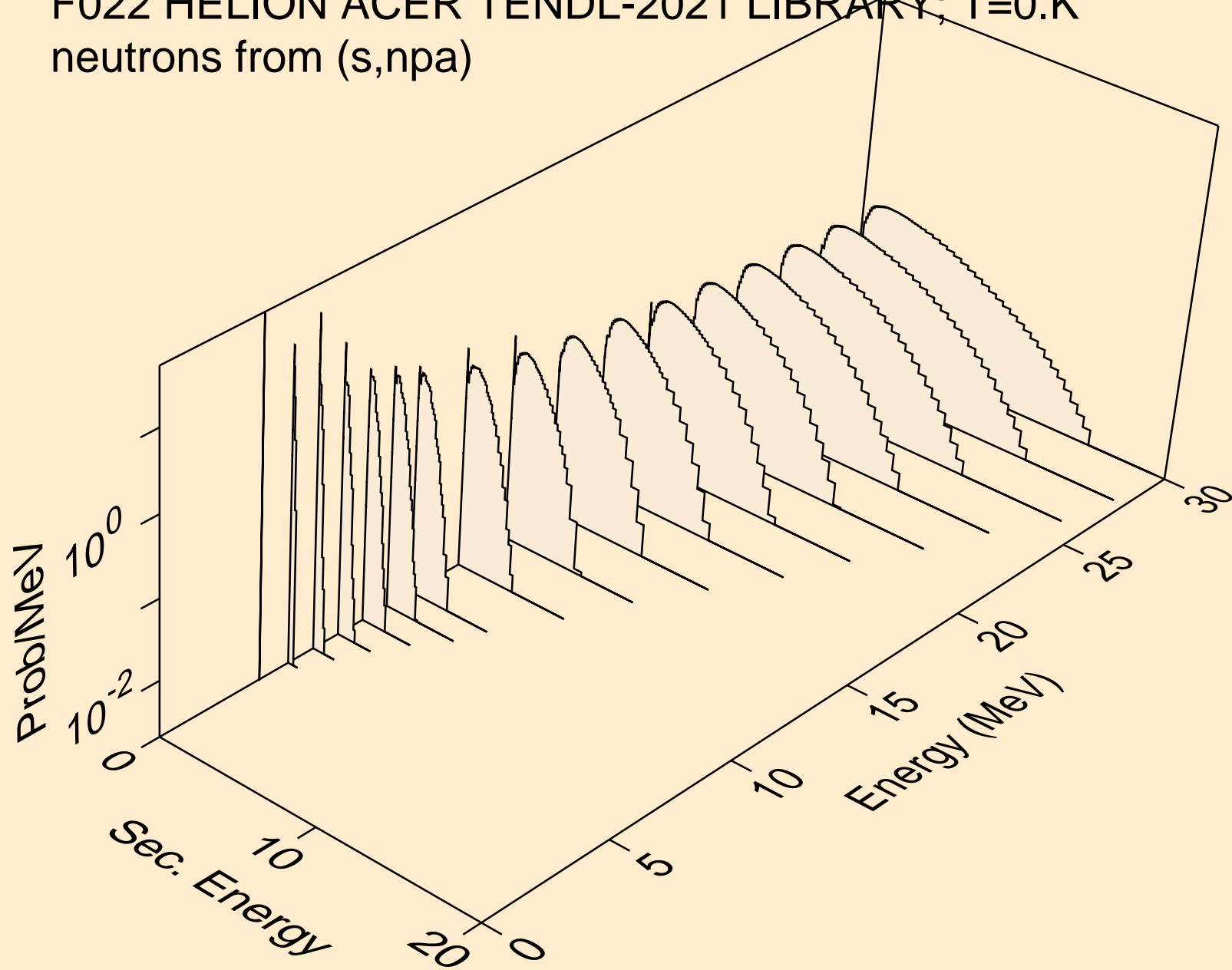


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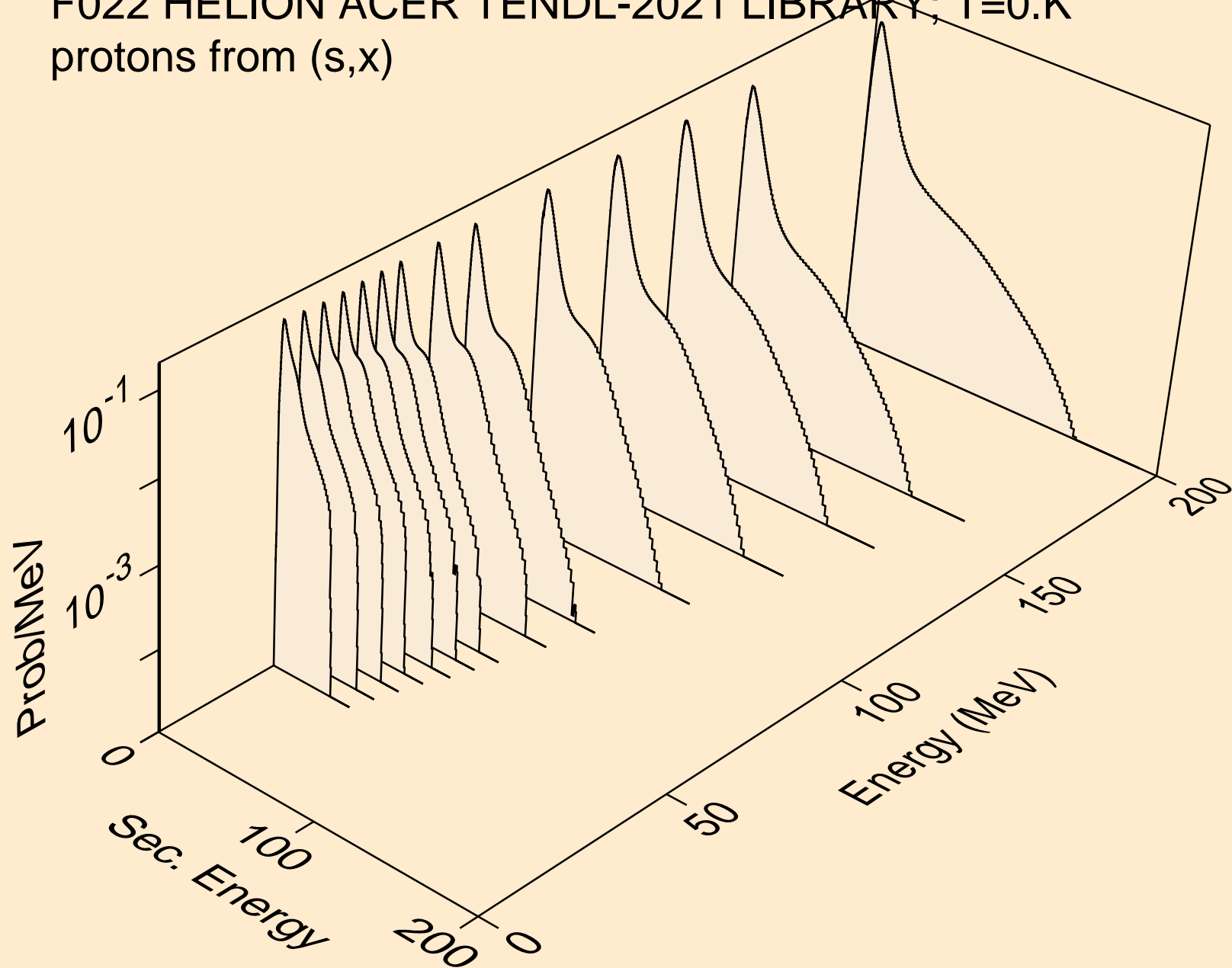




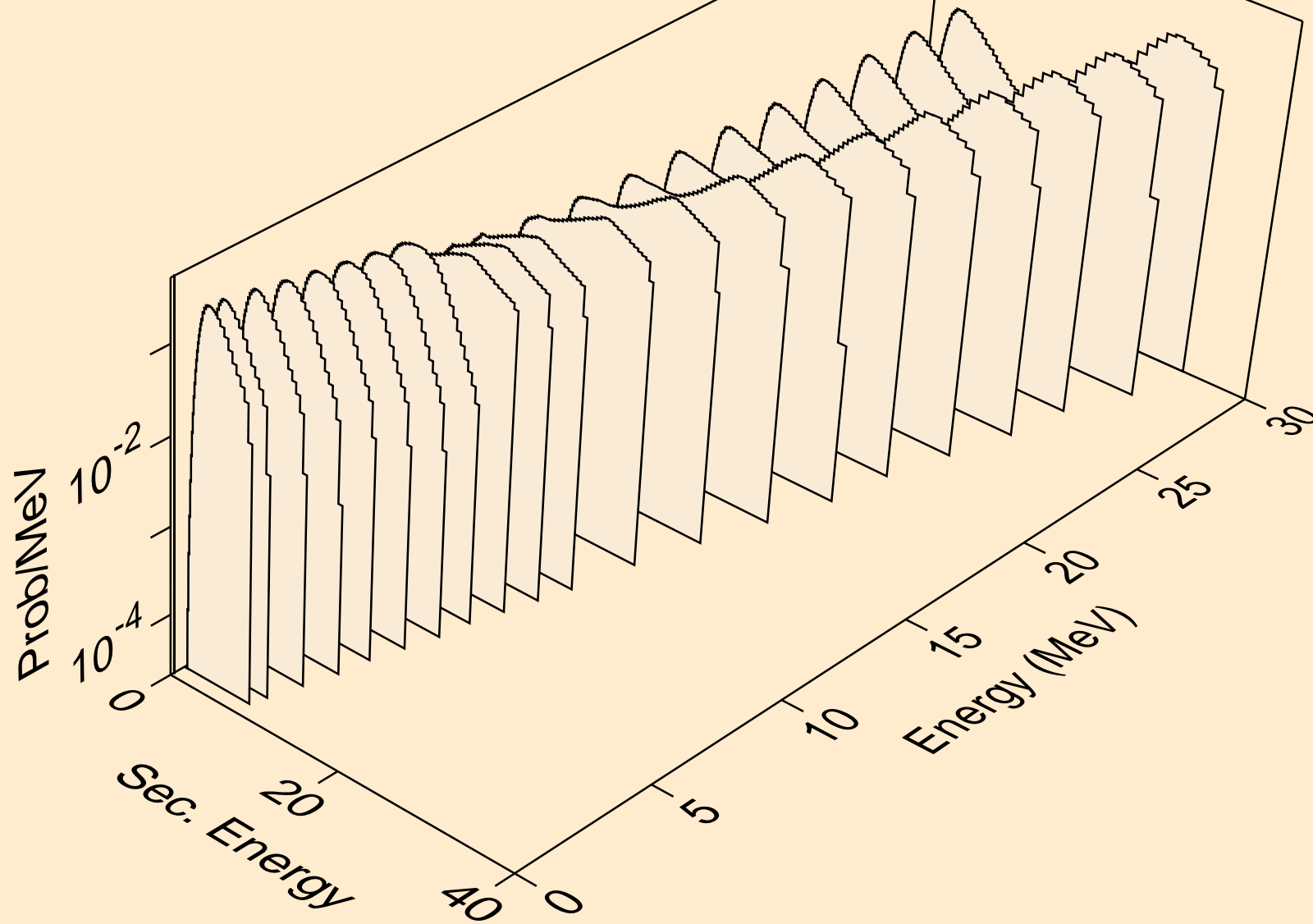
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neutrons from (s,npa)



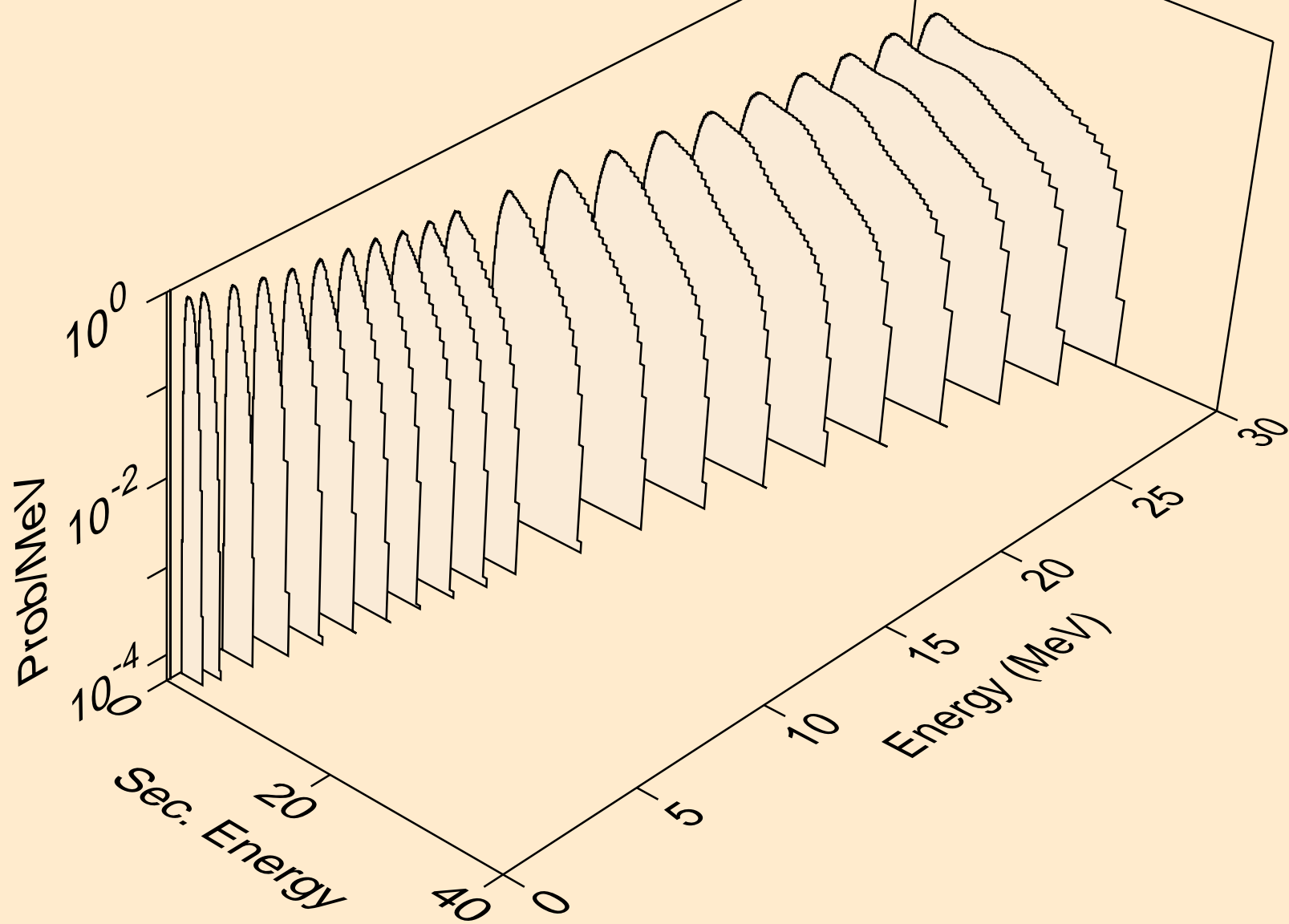
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protons from (s,x)



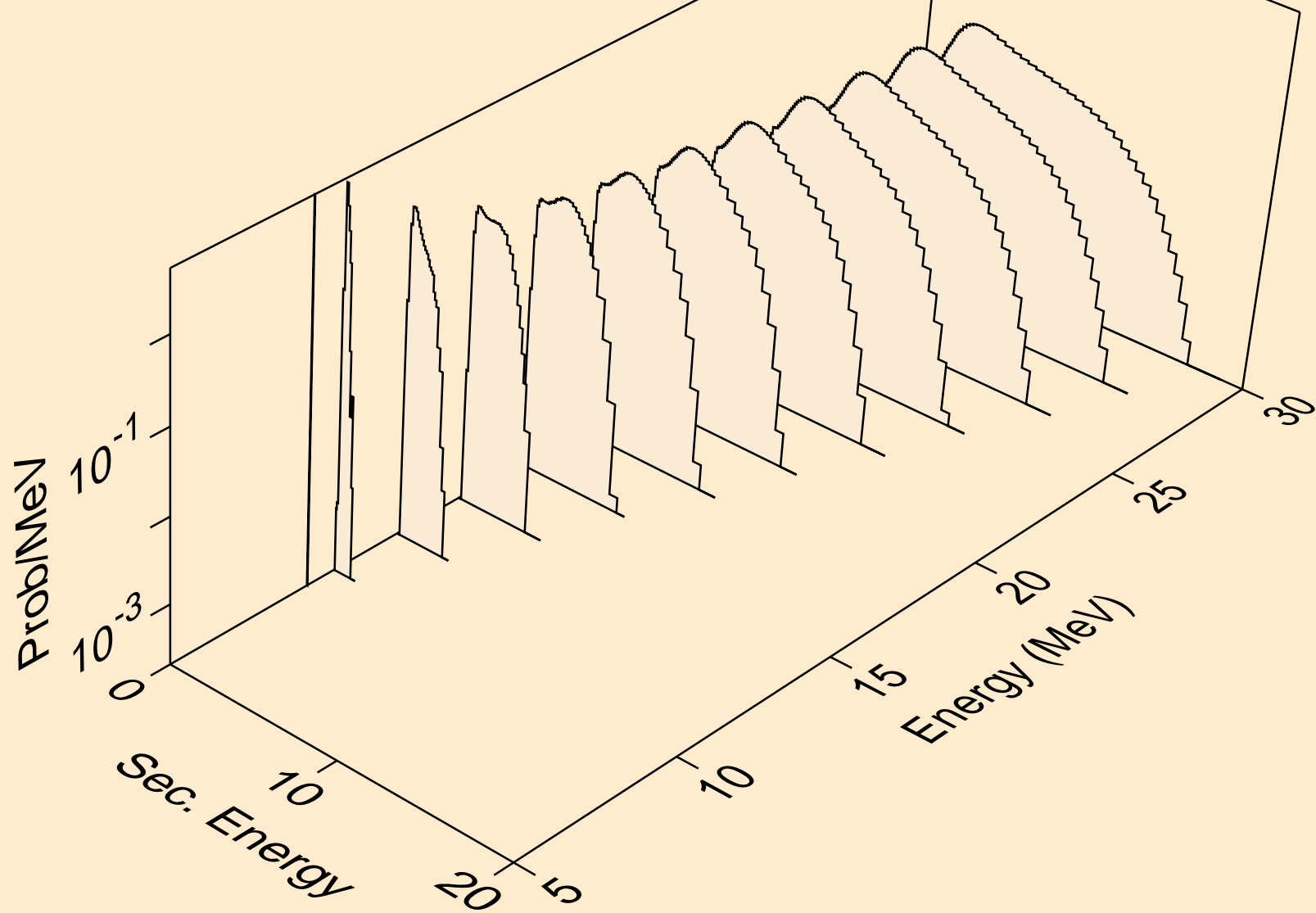
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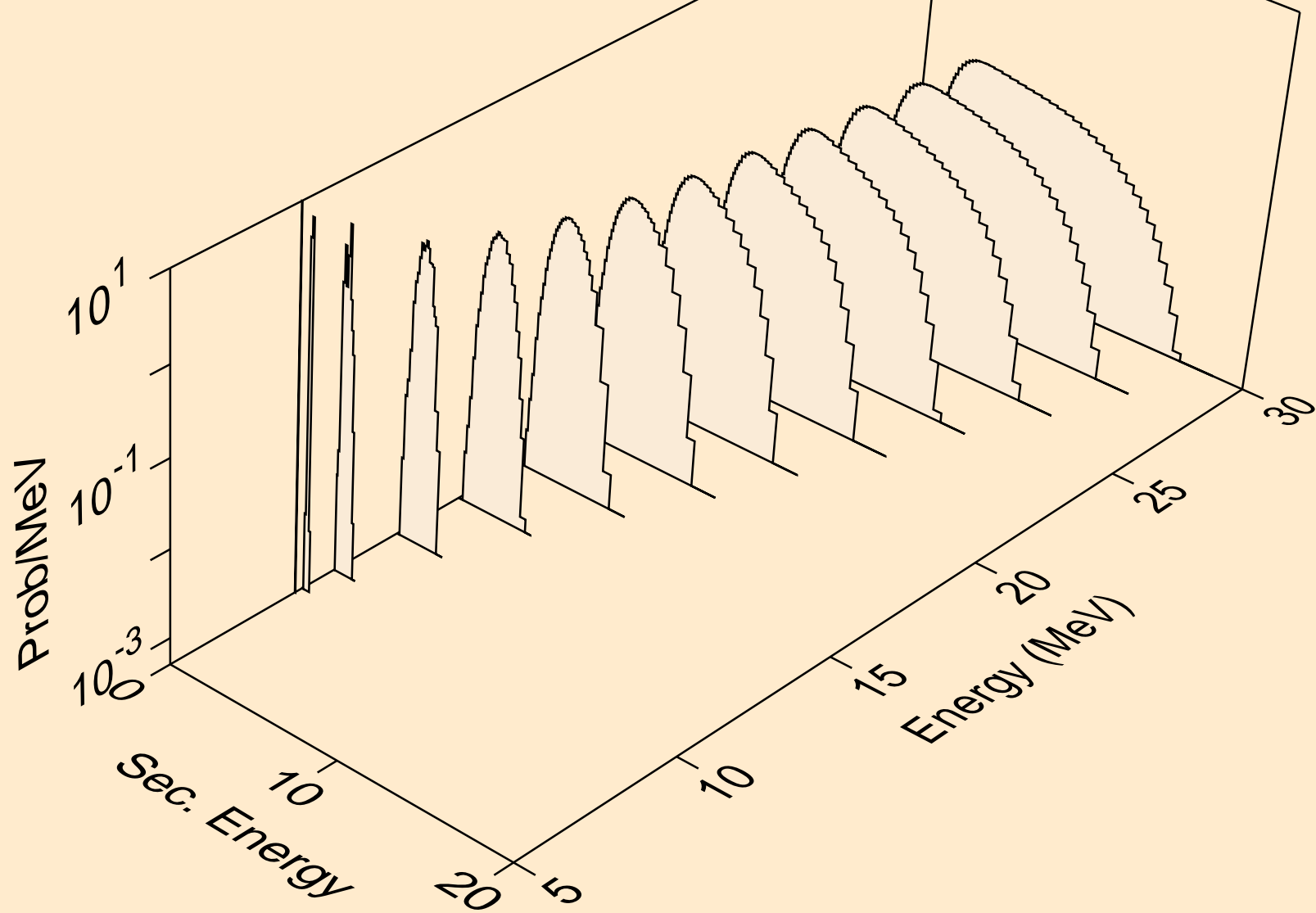
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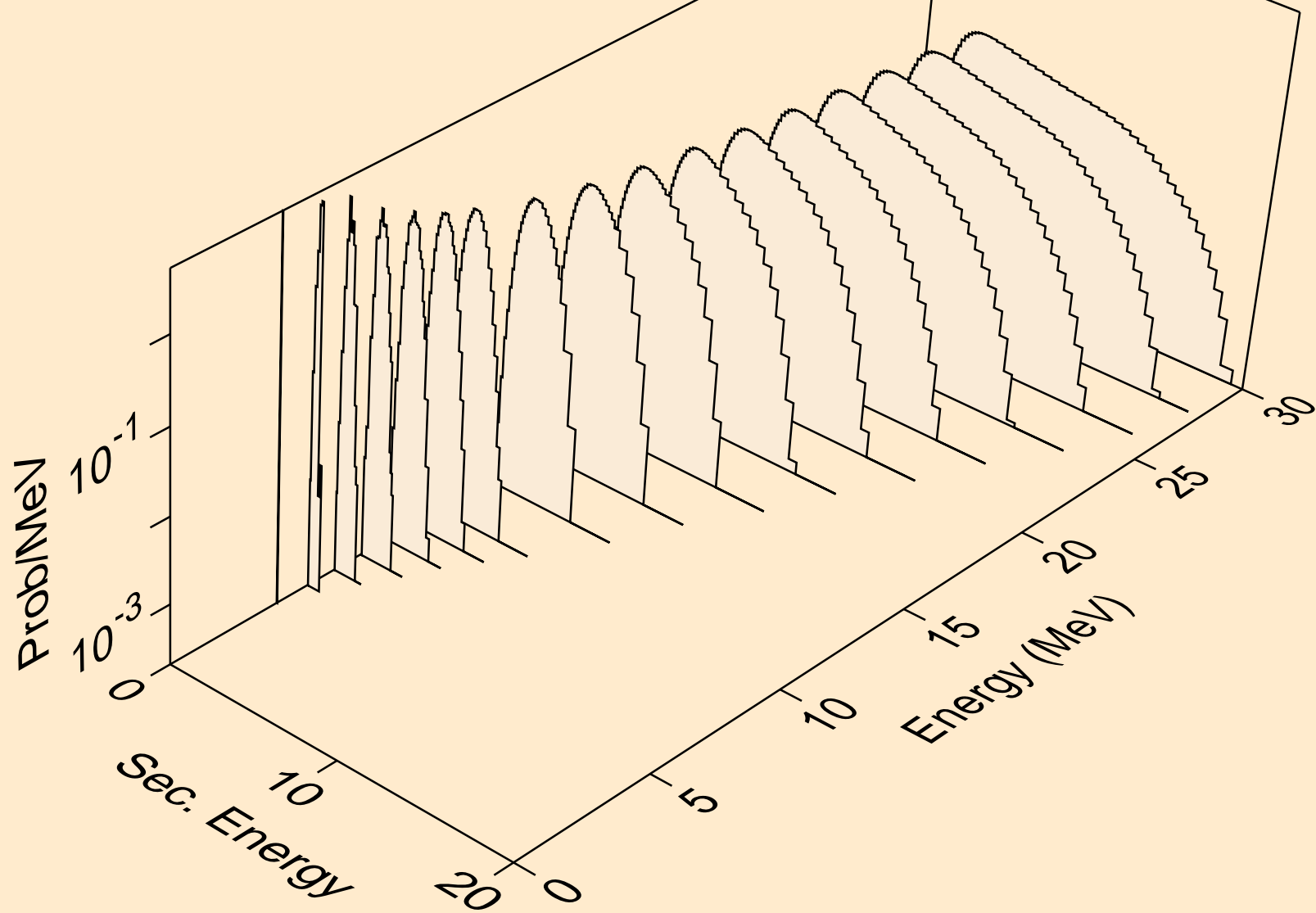
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protons from (s,3np)



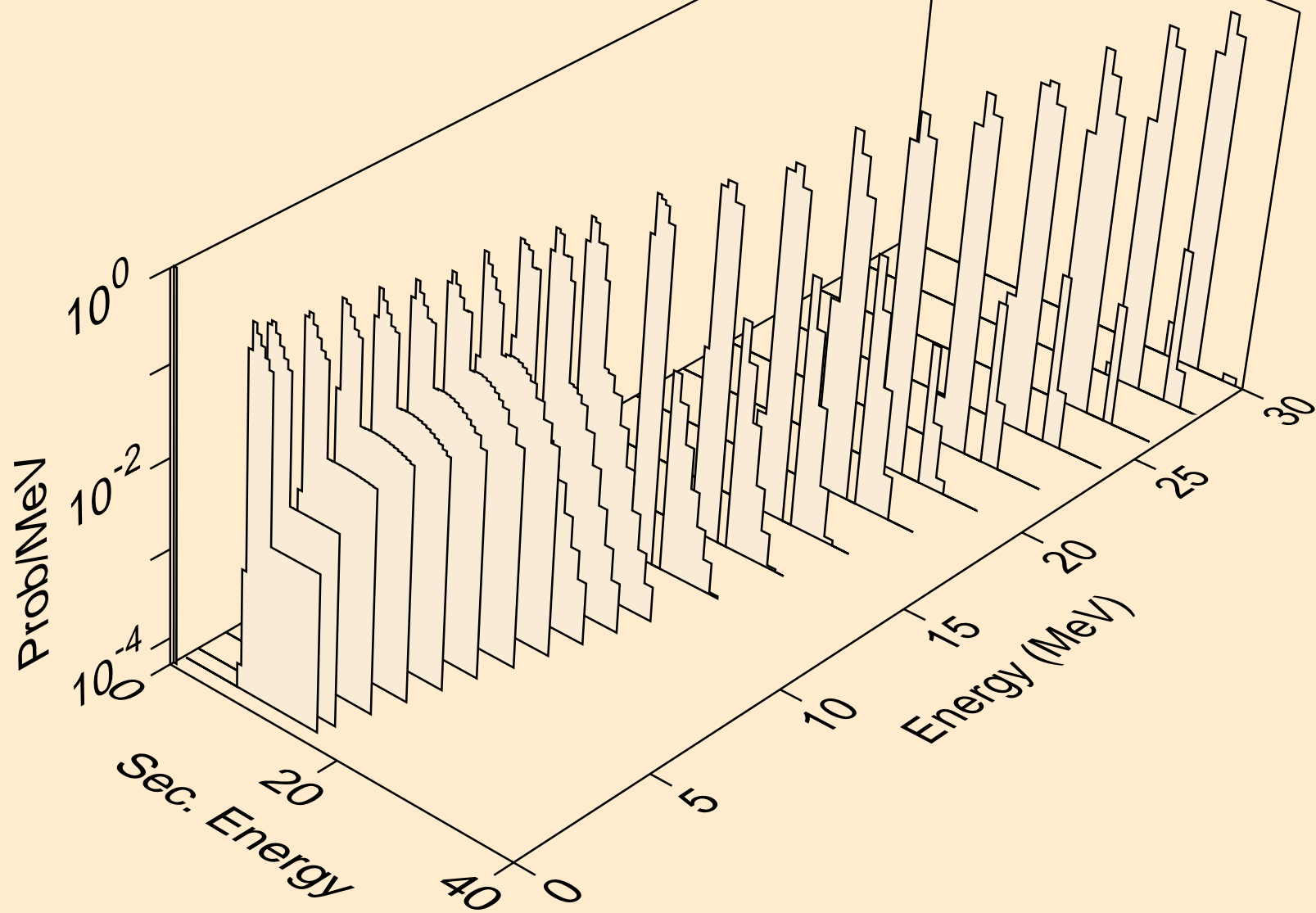
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protons from (s,2np)



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)

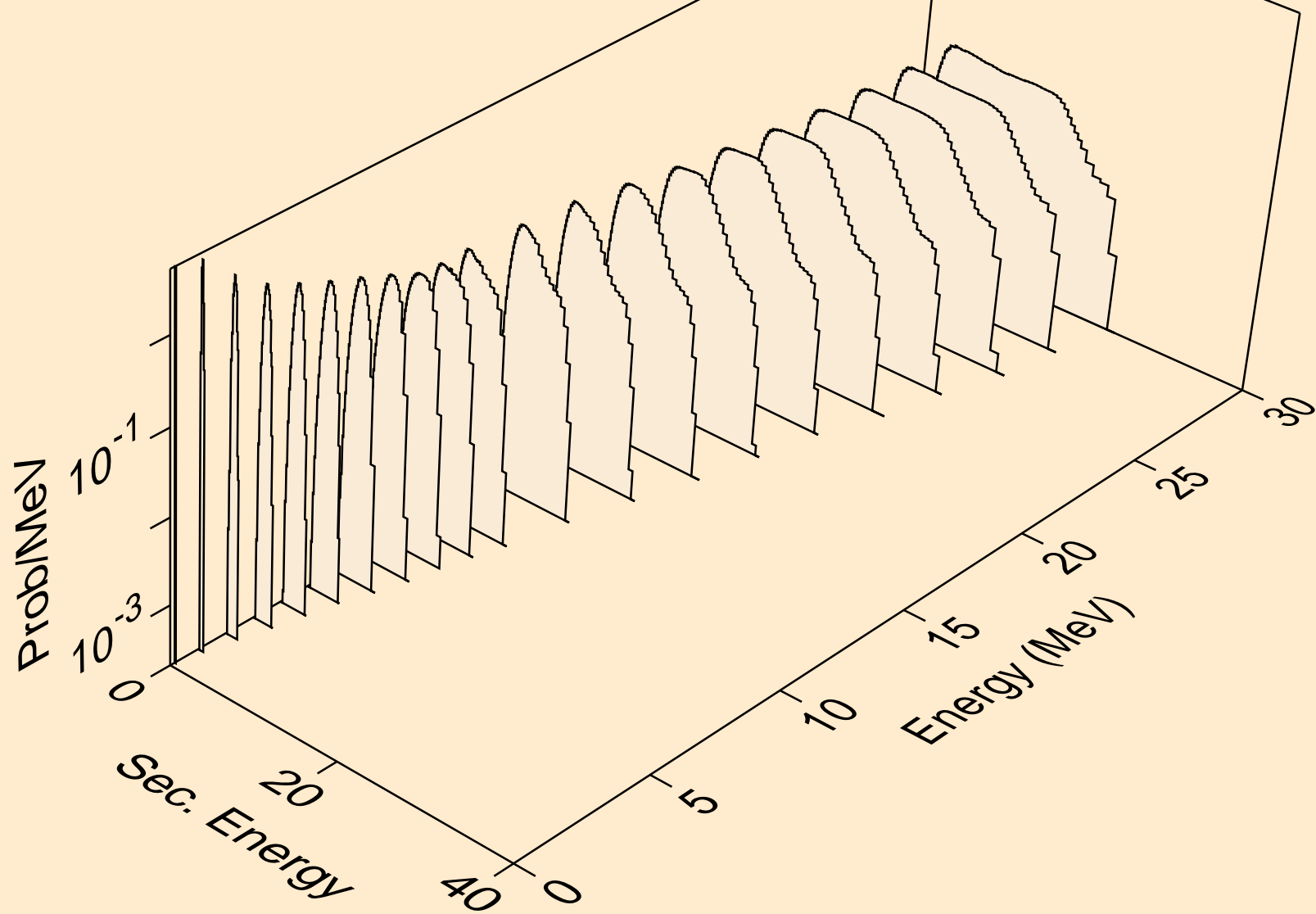


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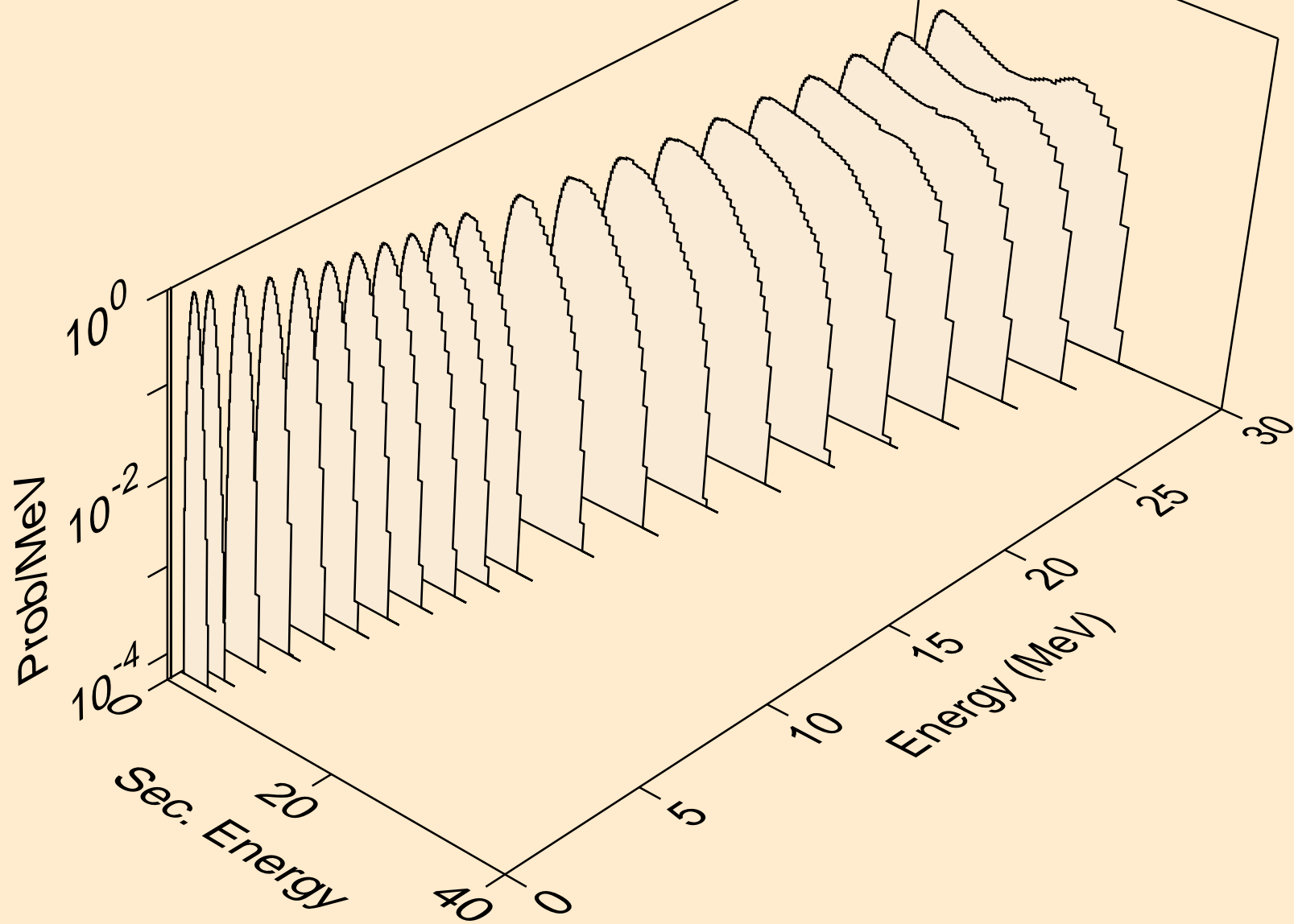




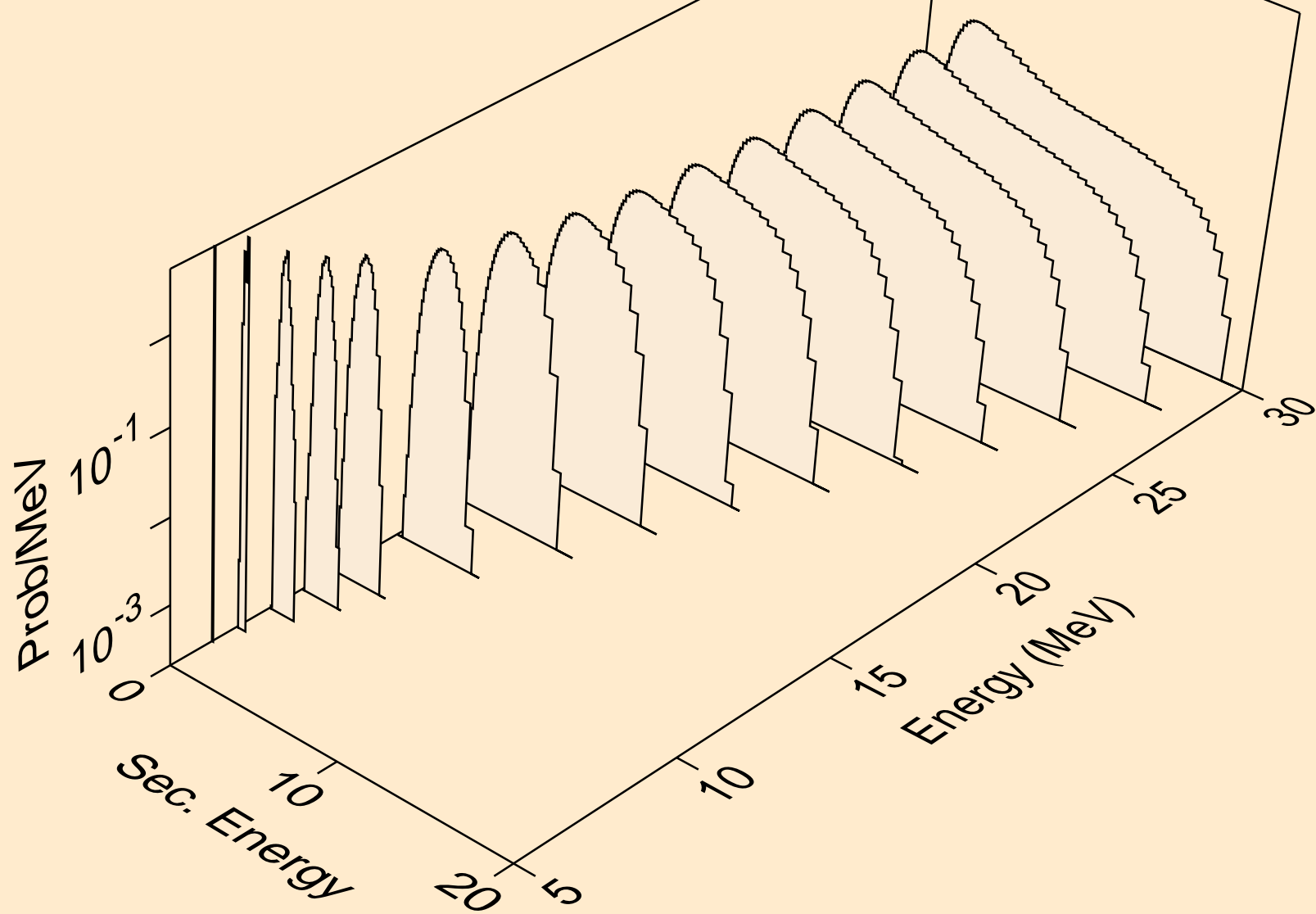
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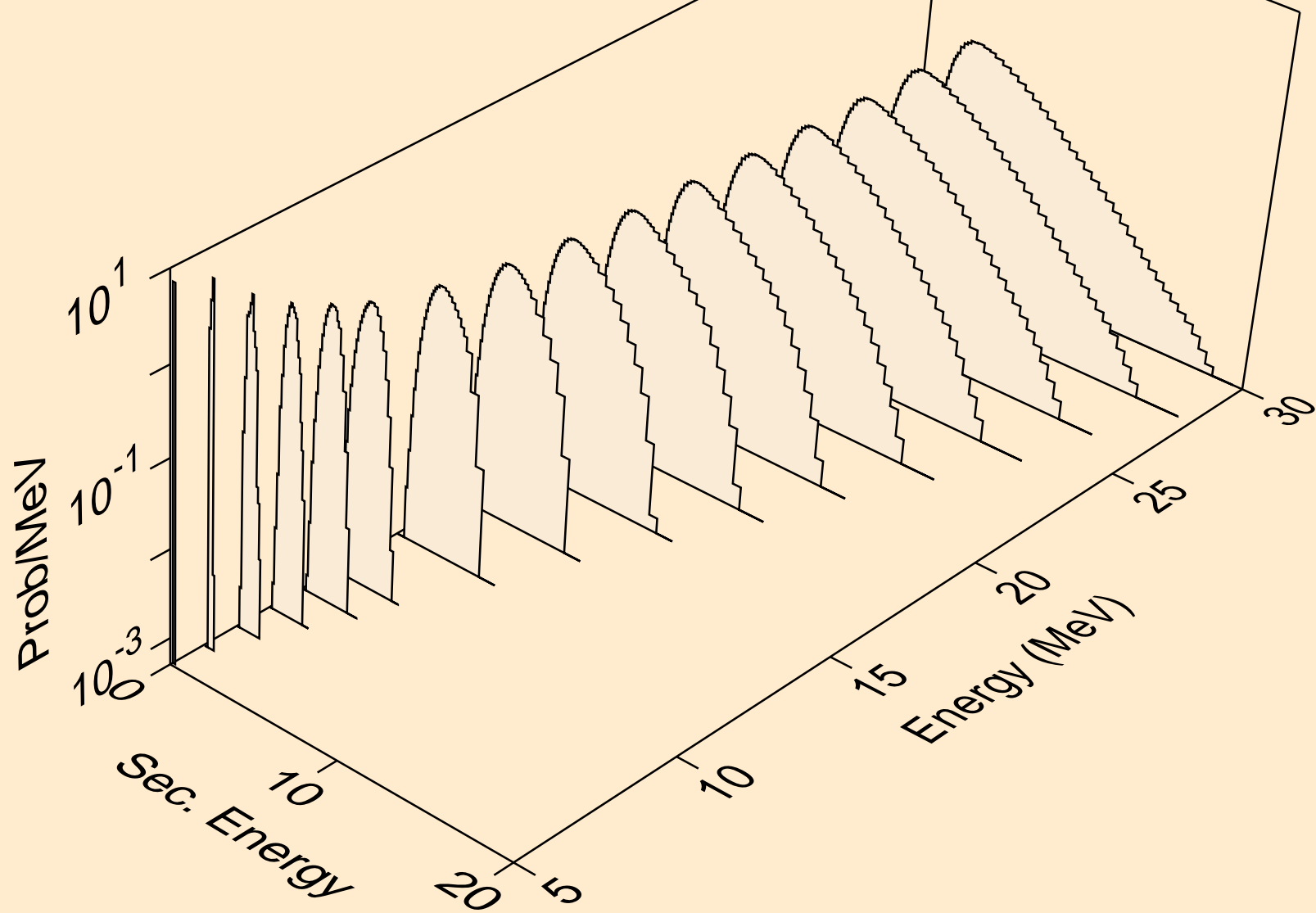
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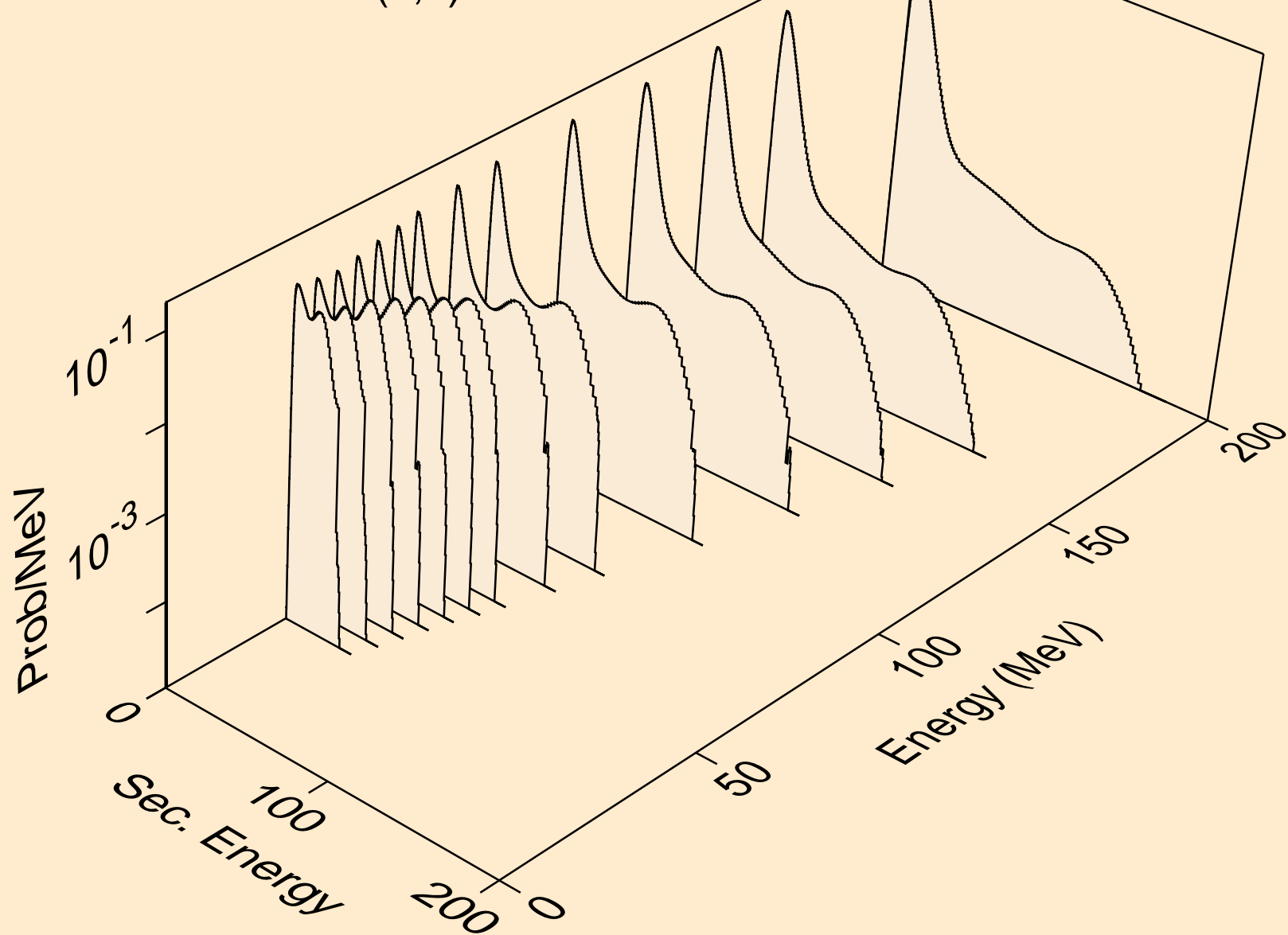
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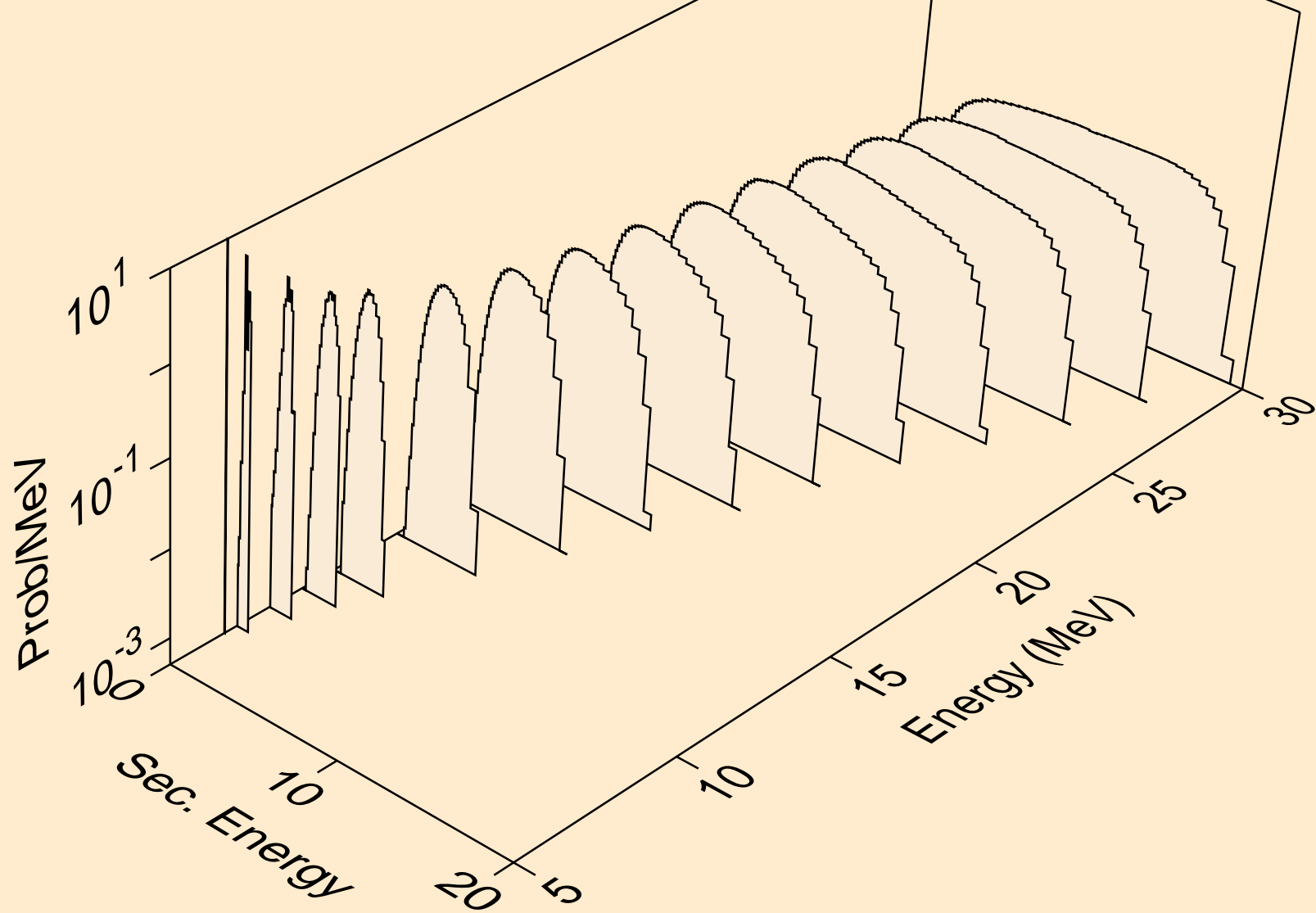
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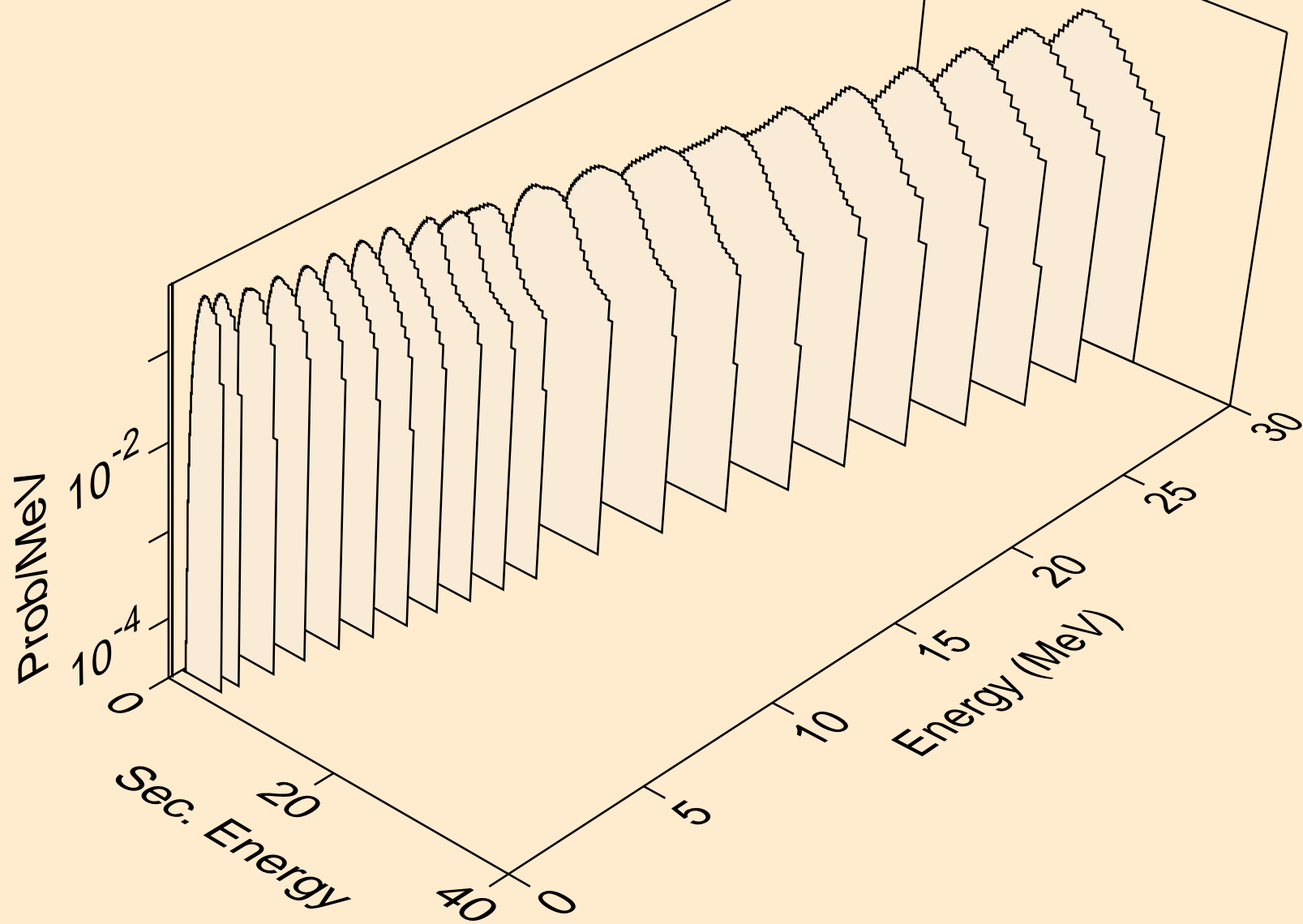
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deuterons from (s,x)



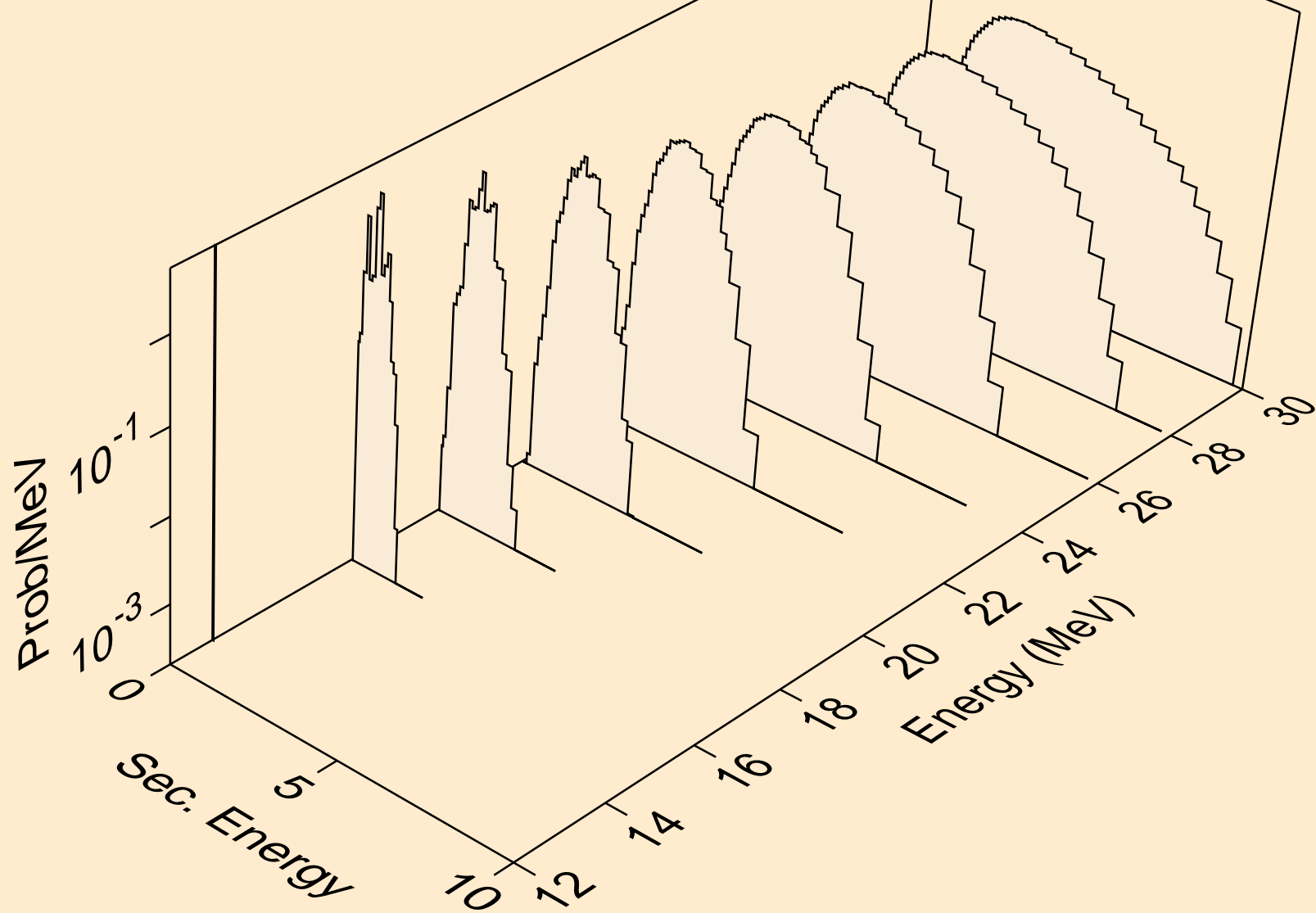
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deuterons from (s,2nd)



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d

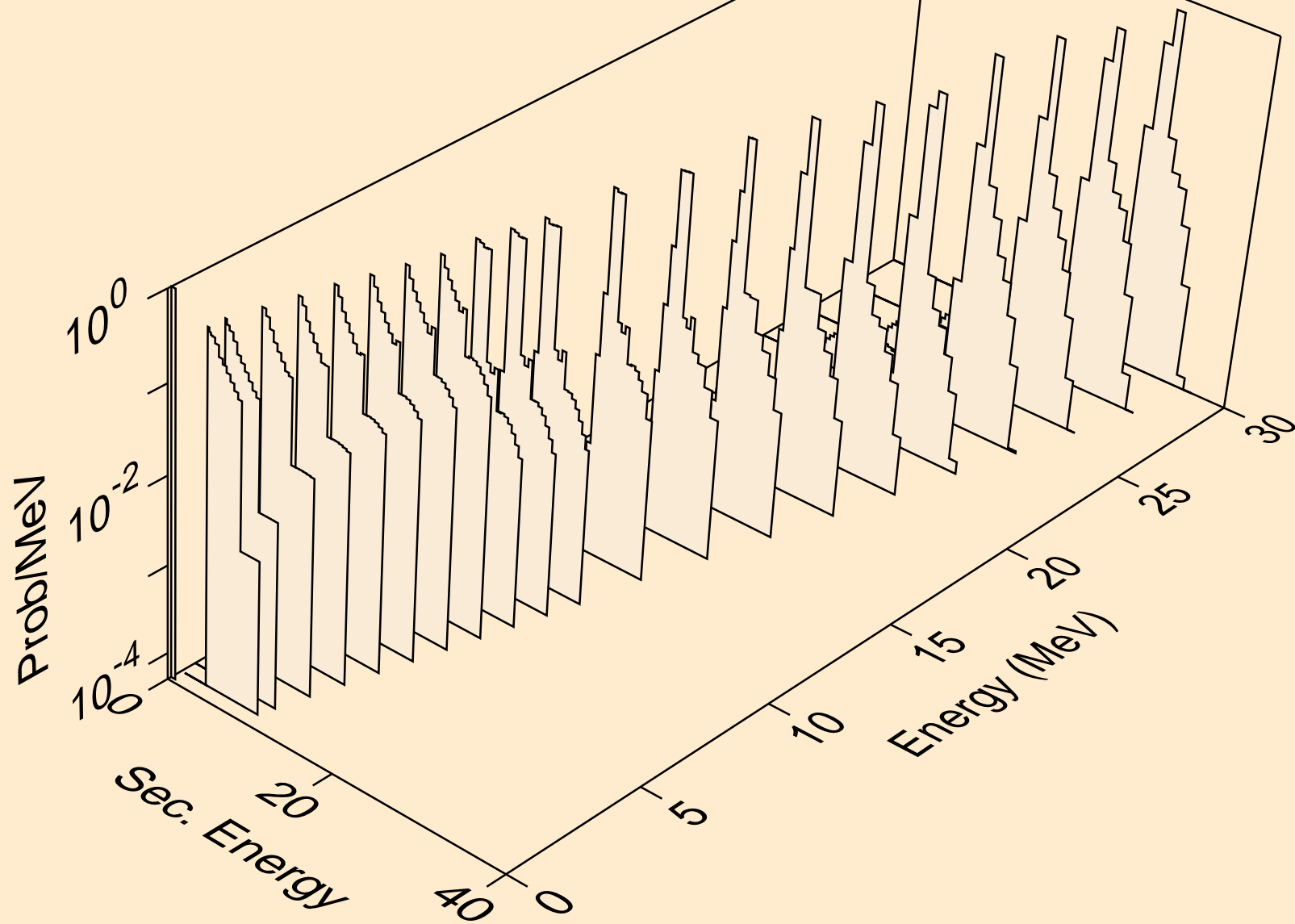


F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d2a

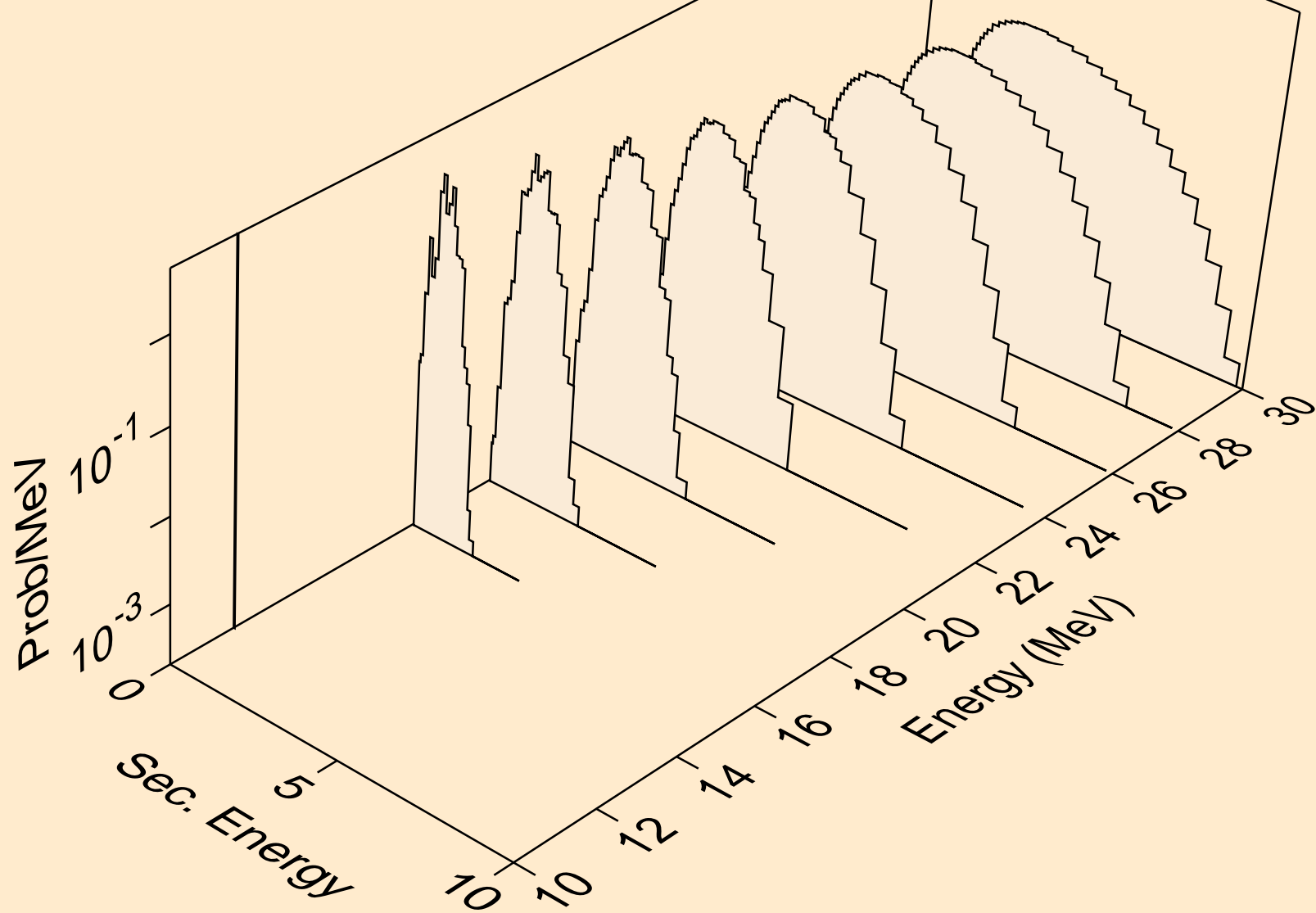




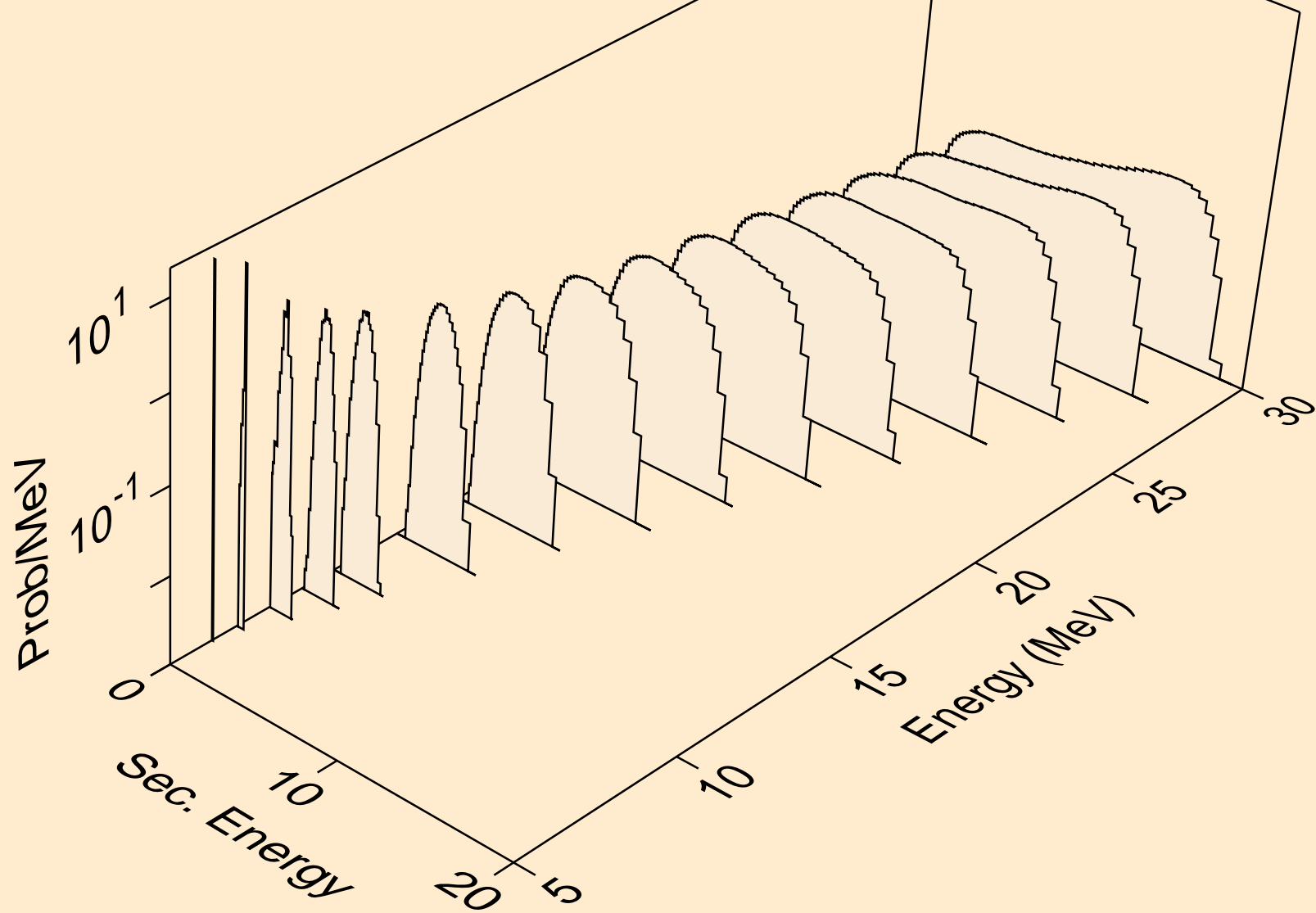
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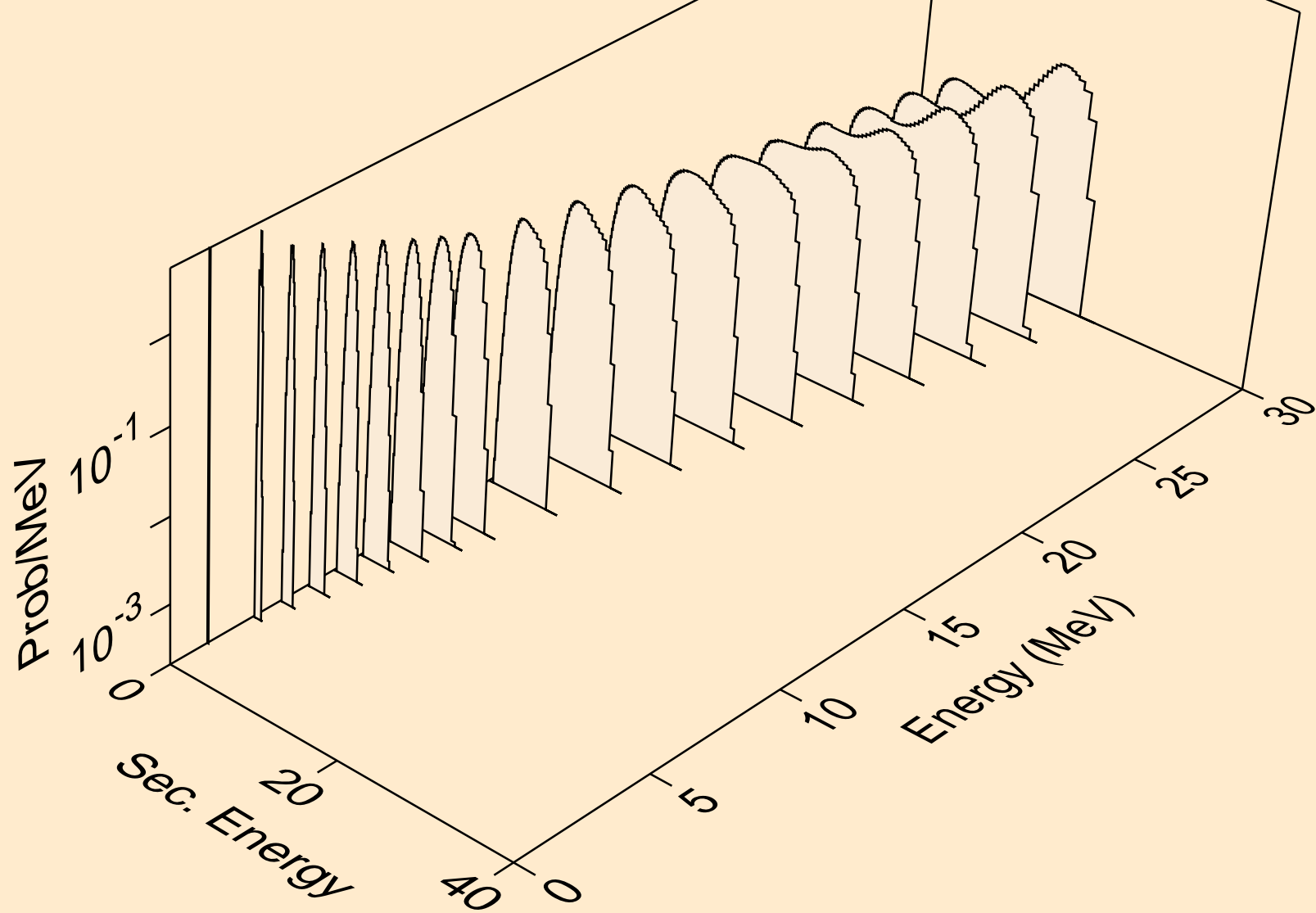
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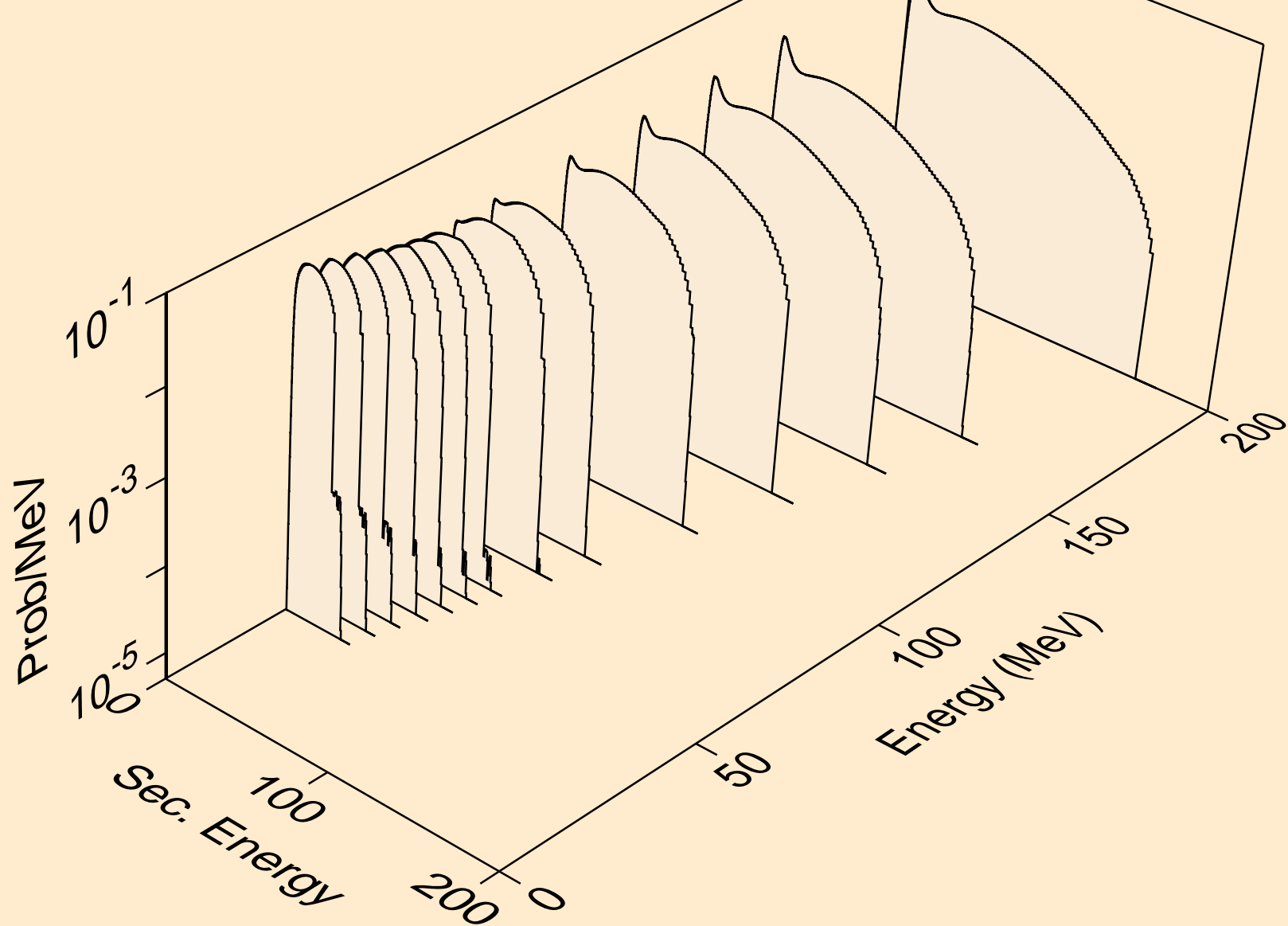
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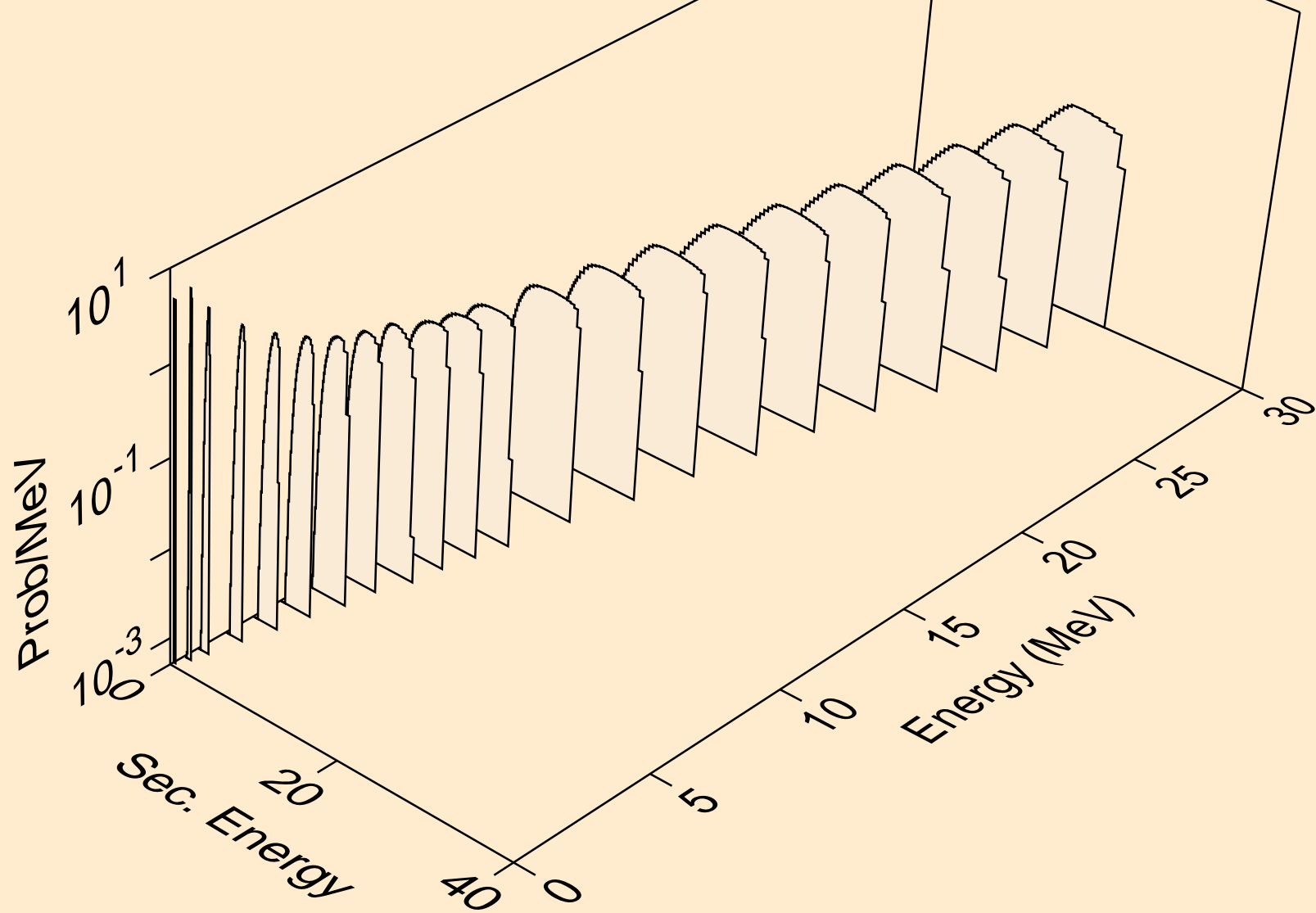
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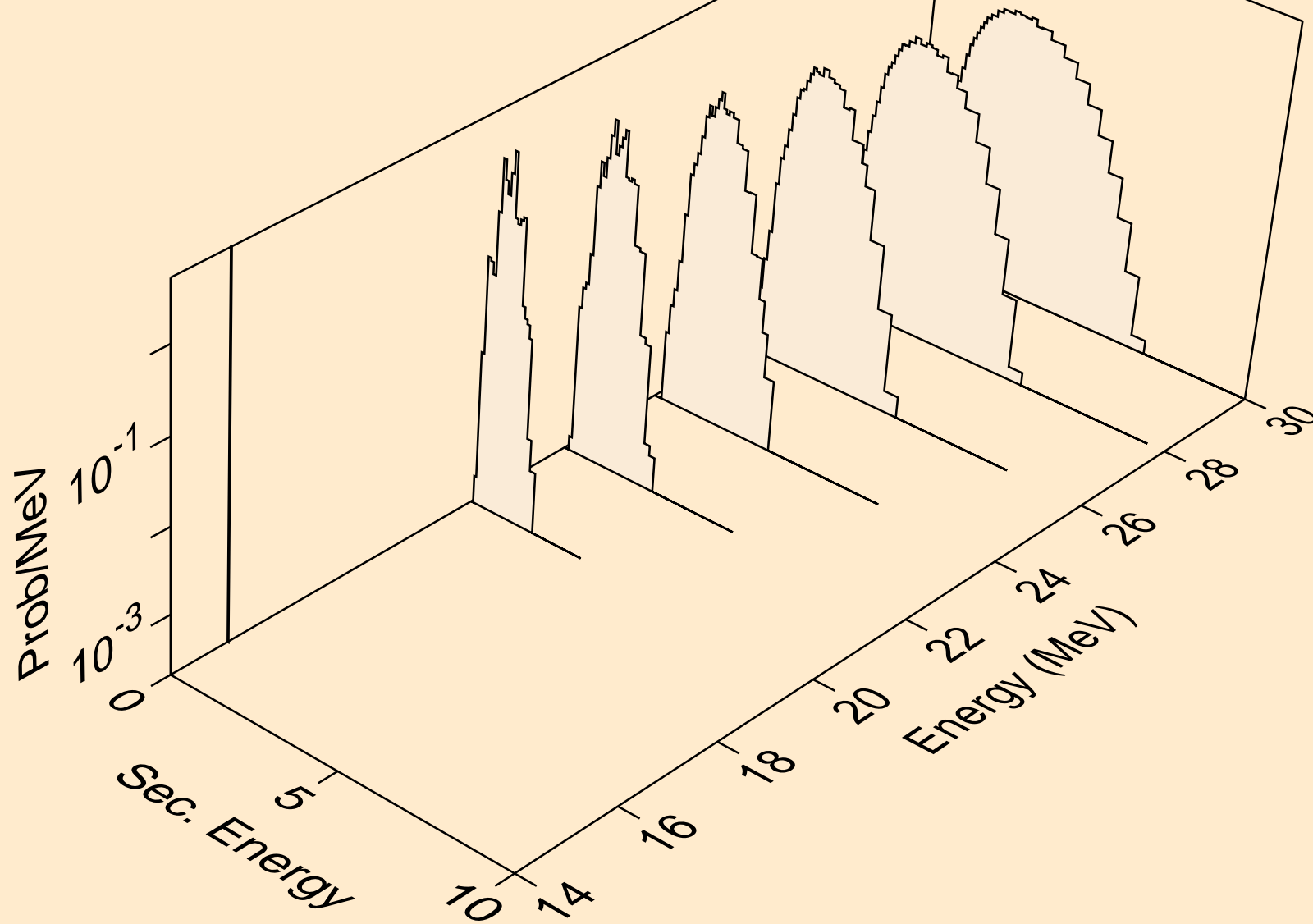
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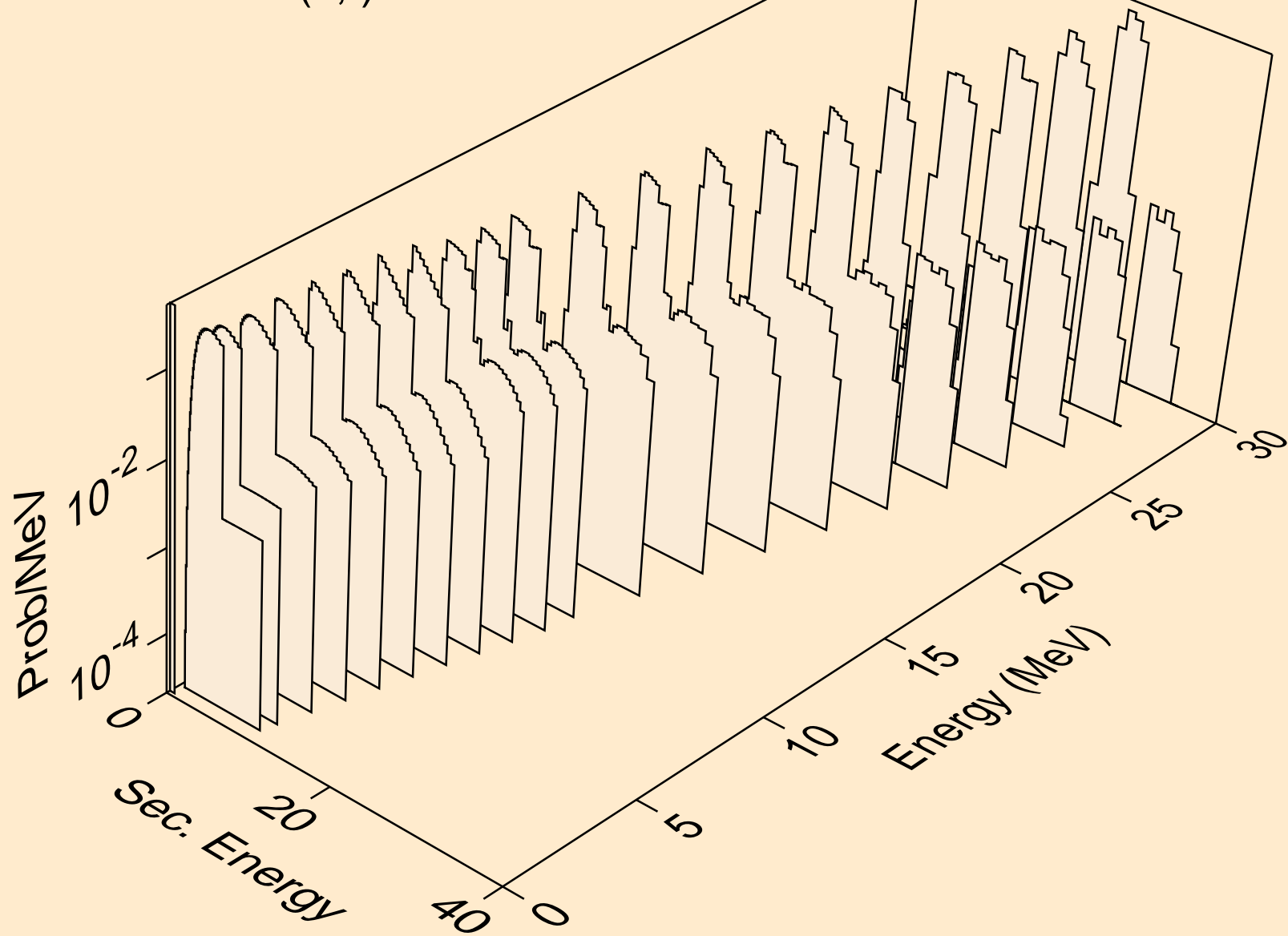
F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t2a

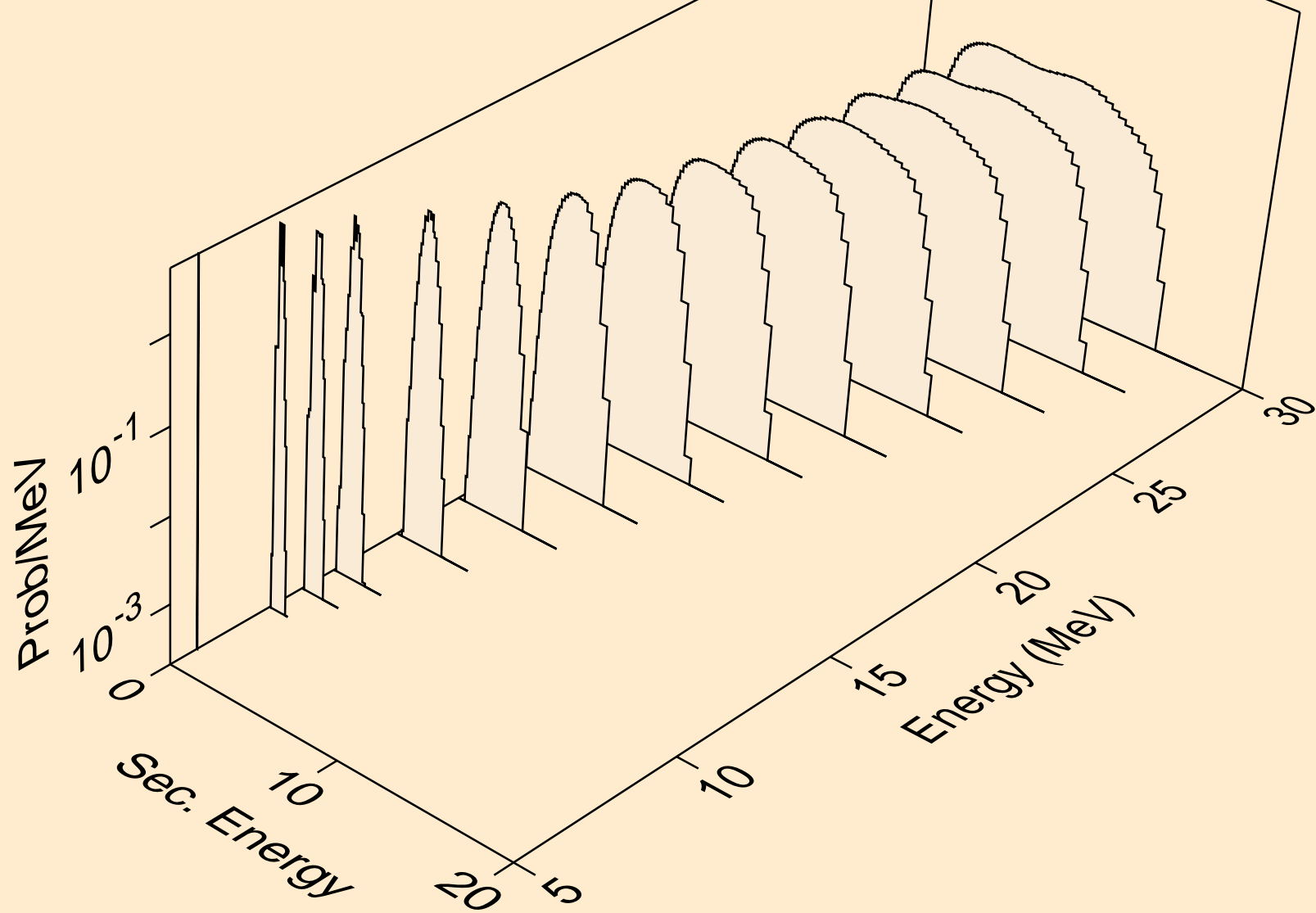


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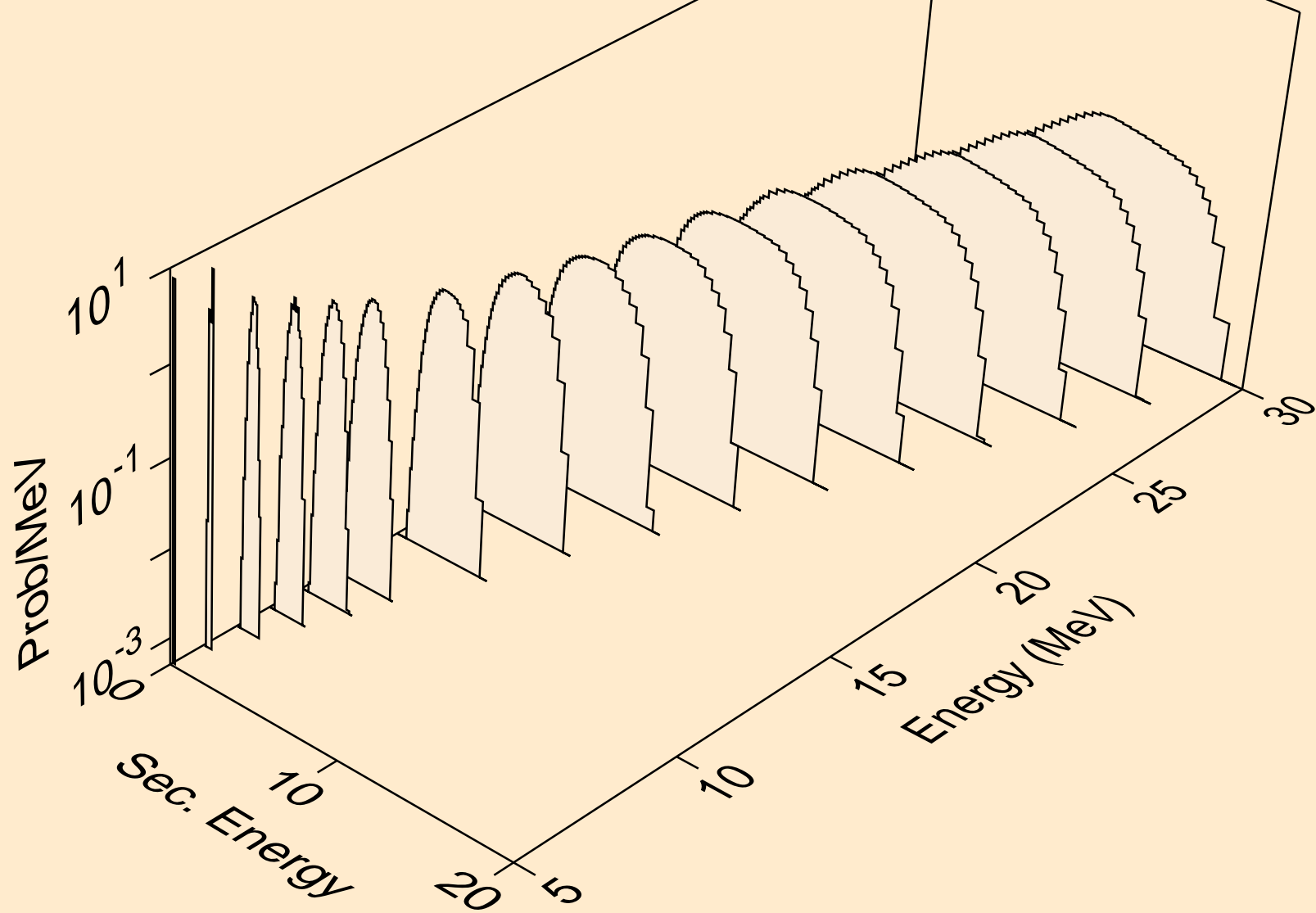




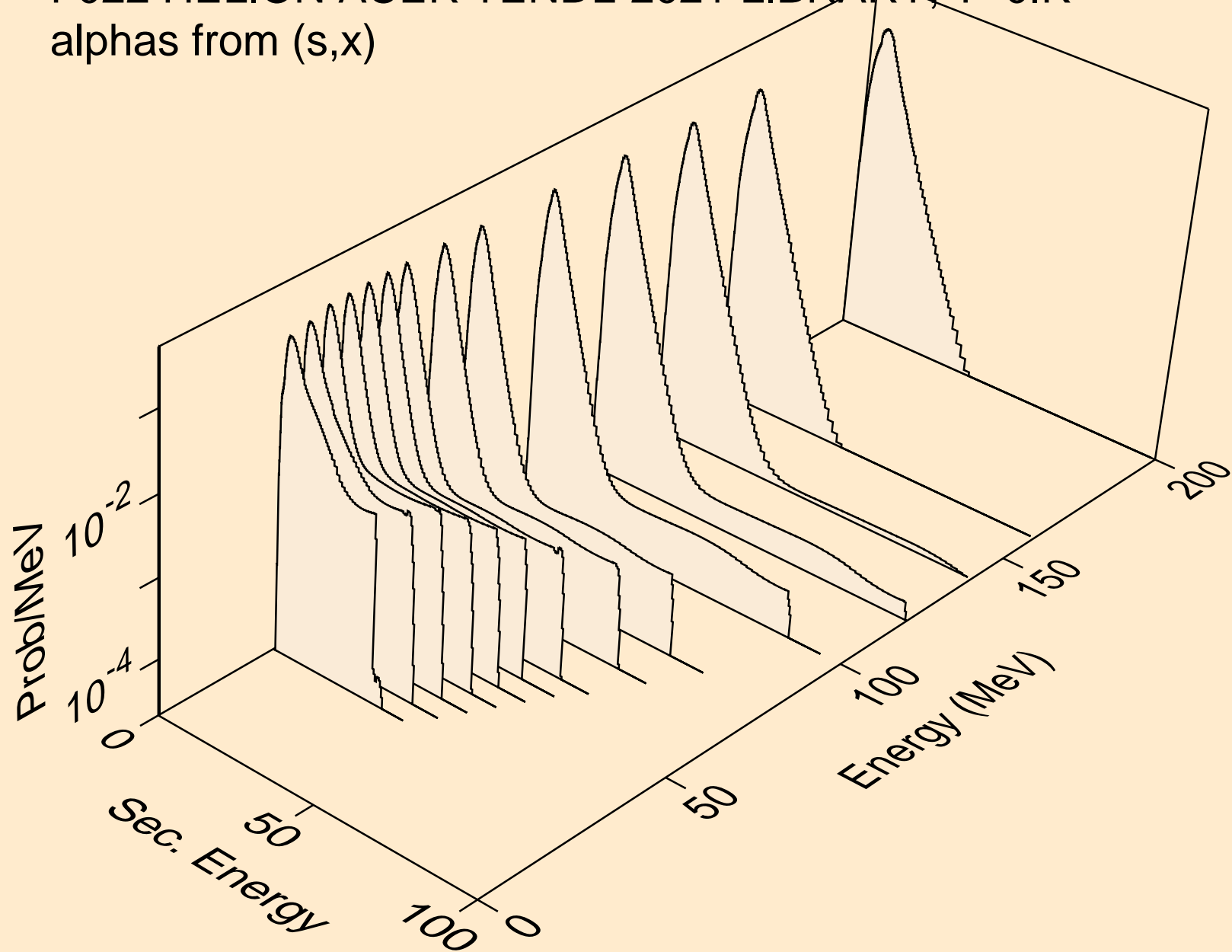
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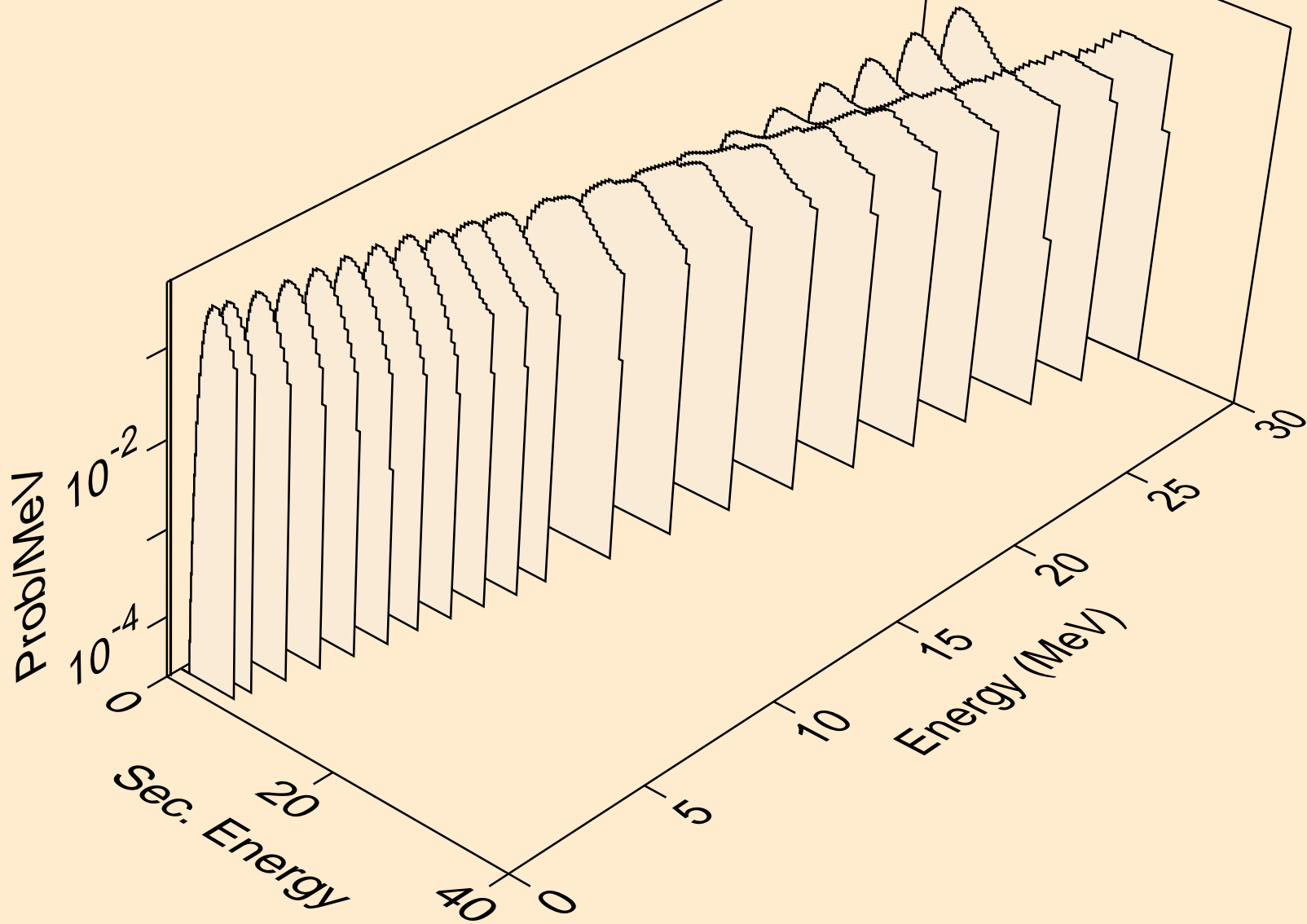
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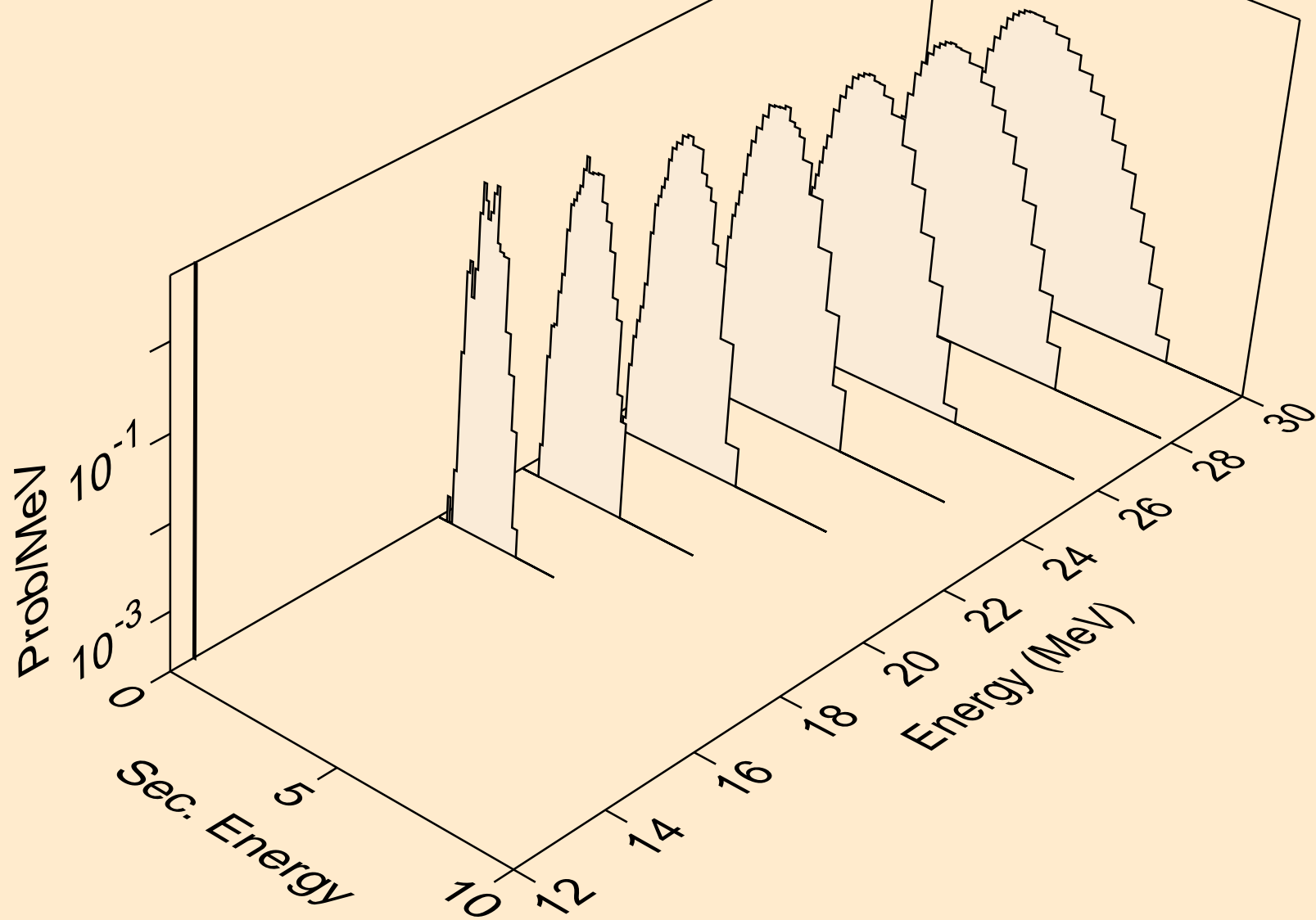
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alphas from (s,x)



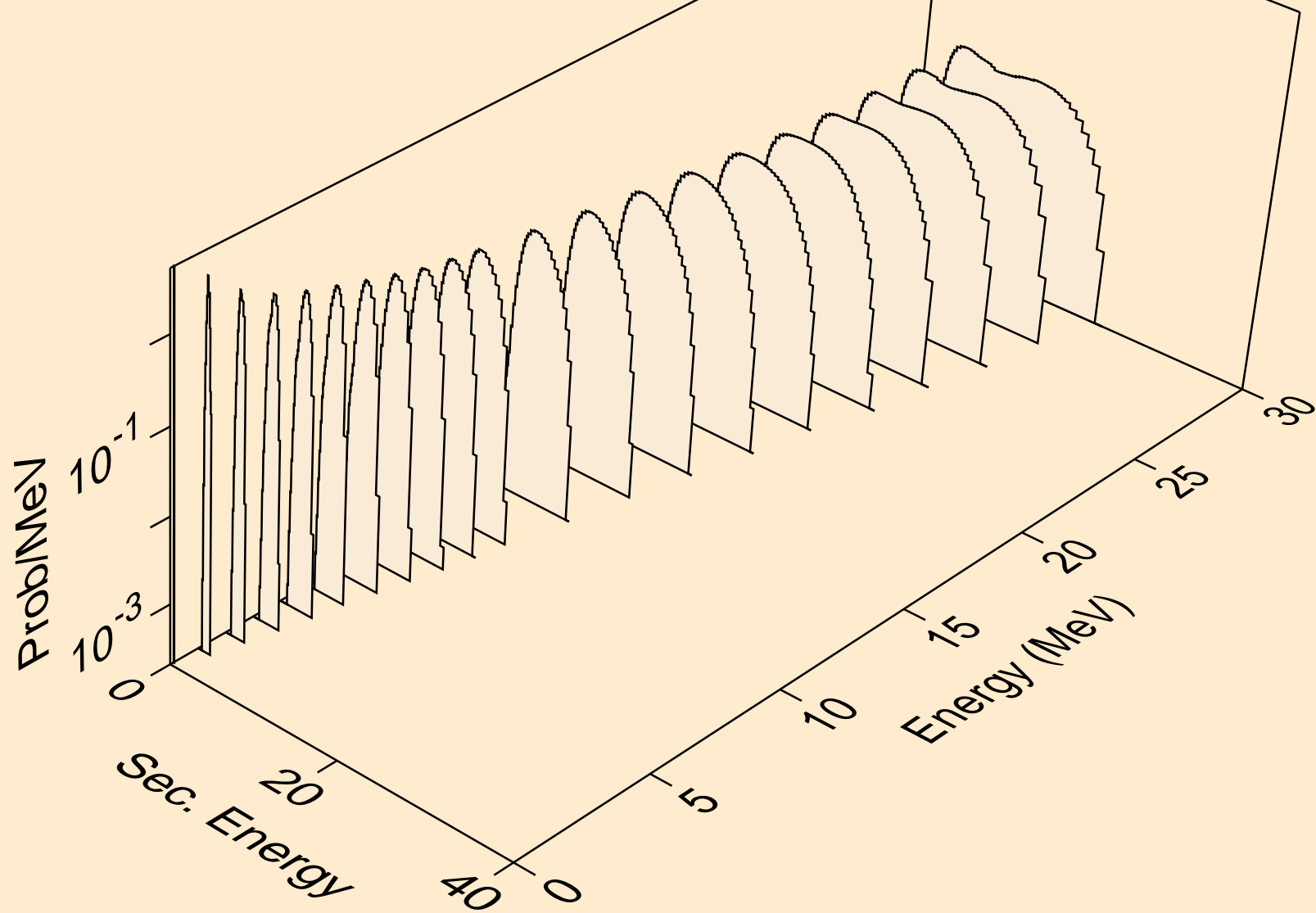
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alphas from (s,n\*)a



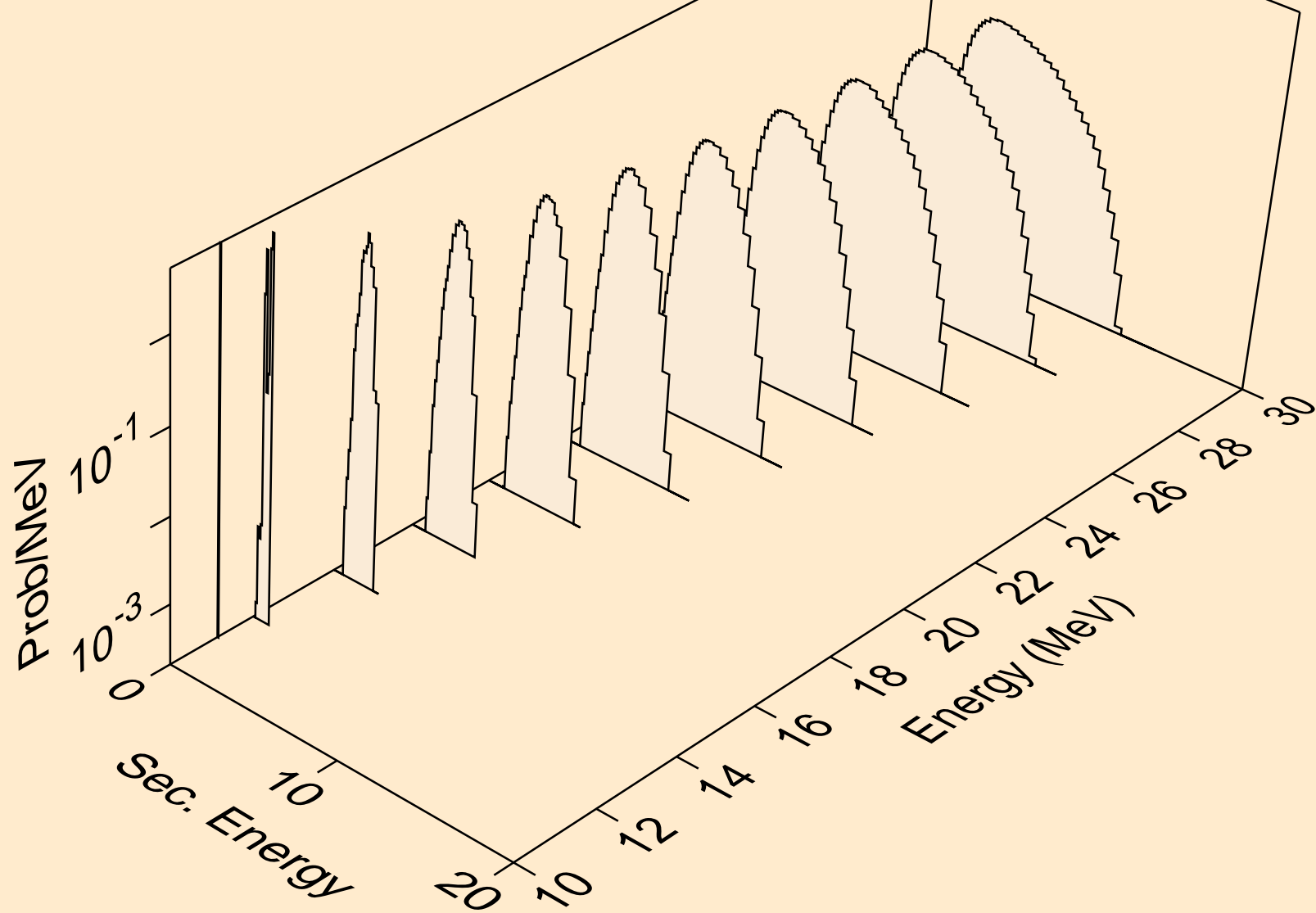
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alphas from (s,n\*)3a



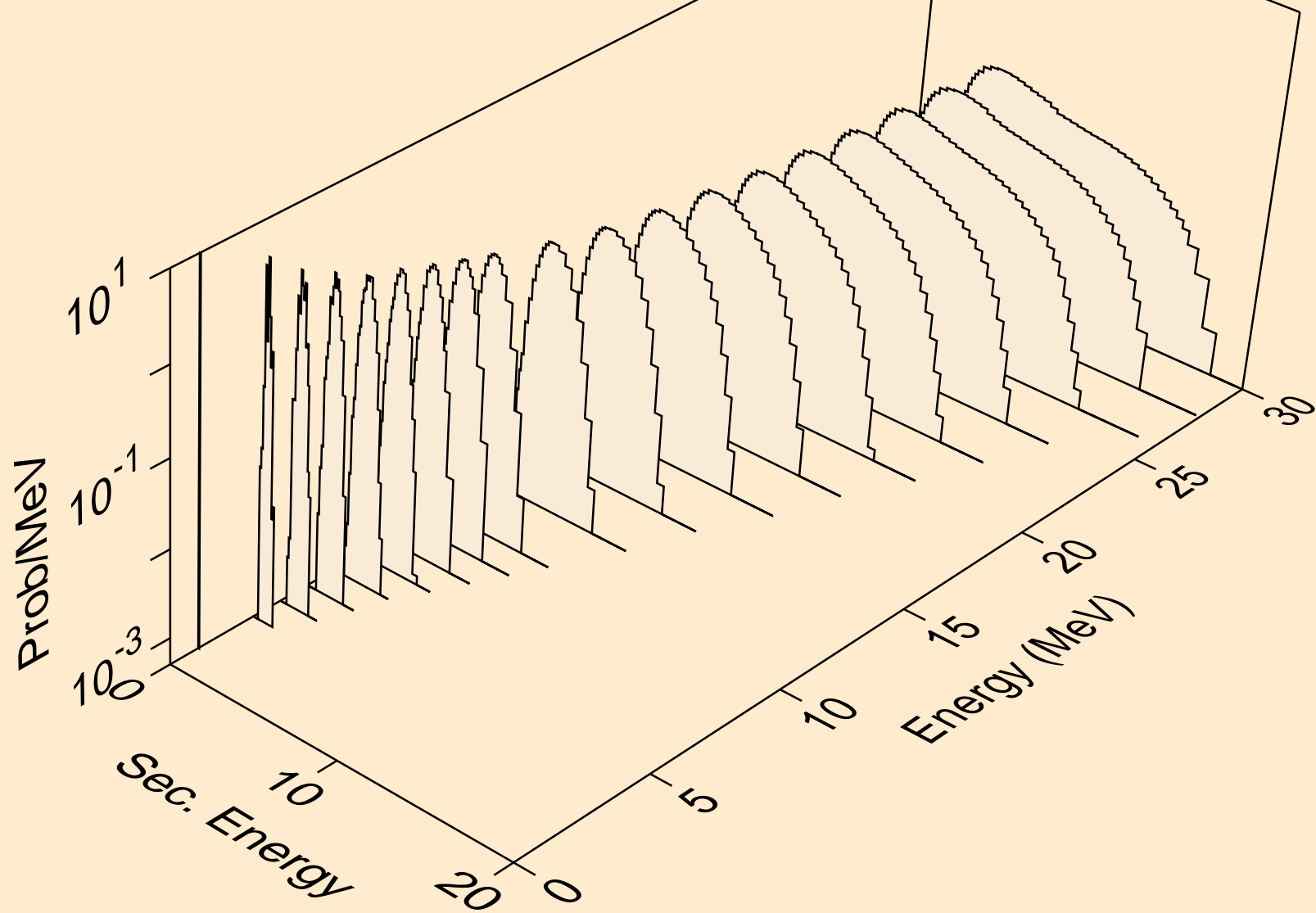
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alphas from (s,2n)a



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a

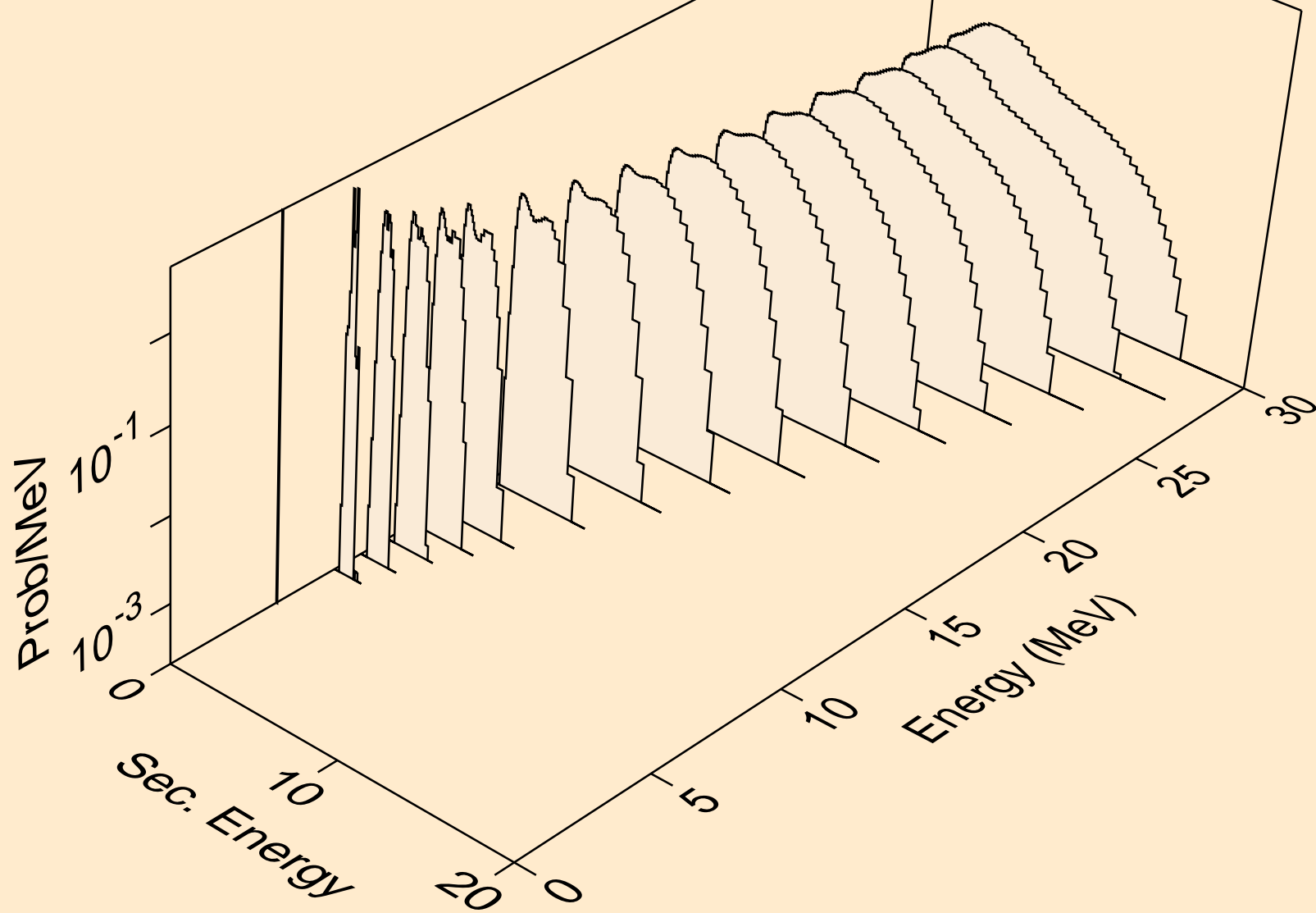


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alphas from (s,n\*)2a

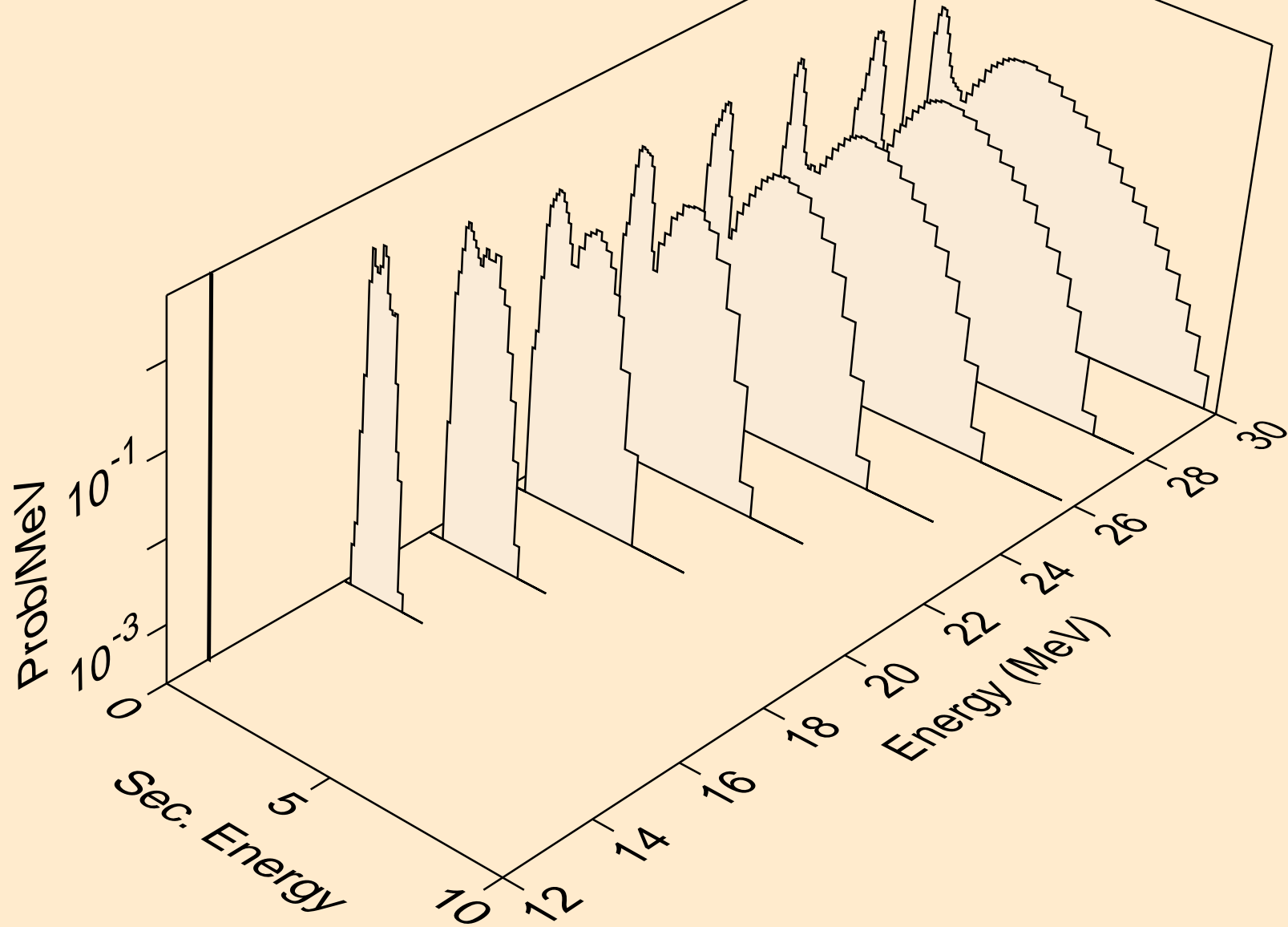




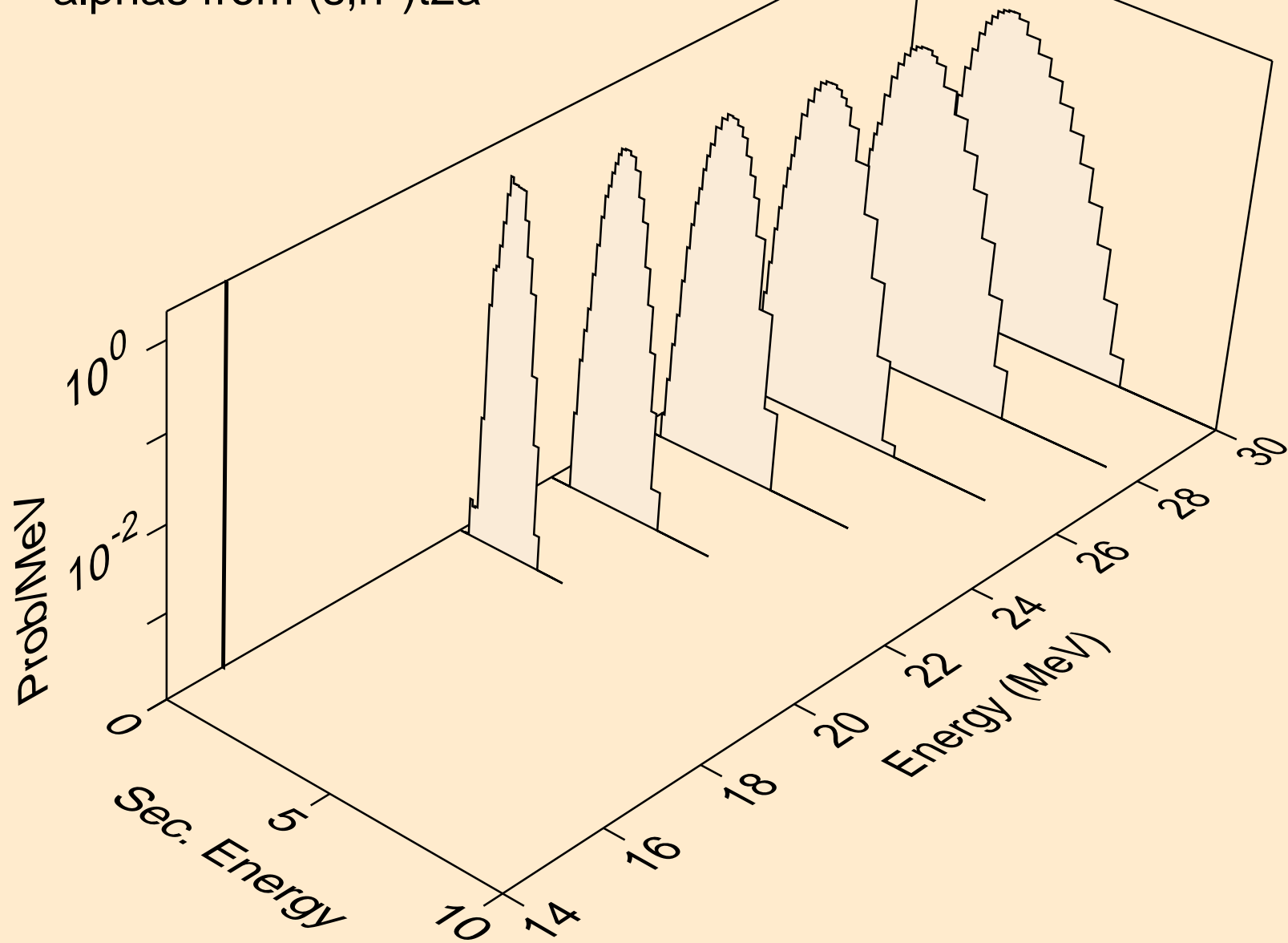
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alphas from (s,2n)2a



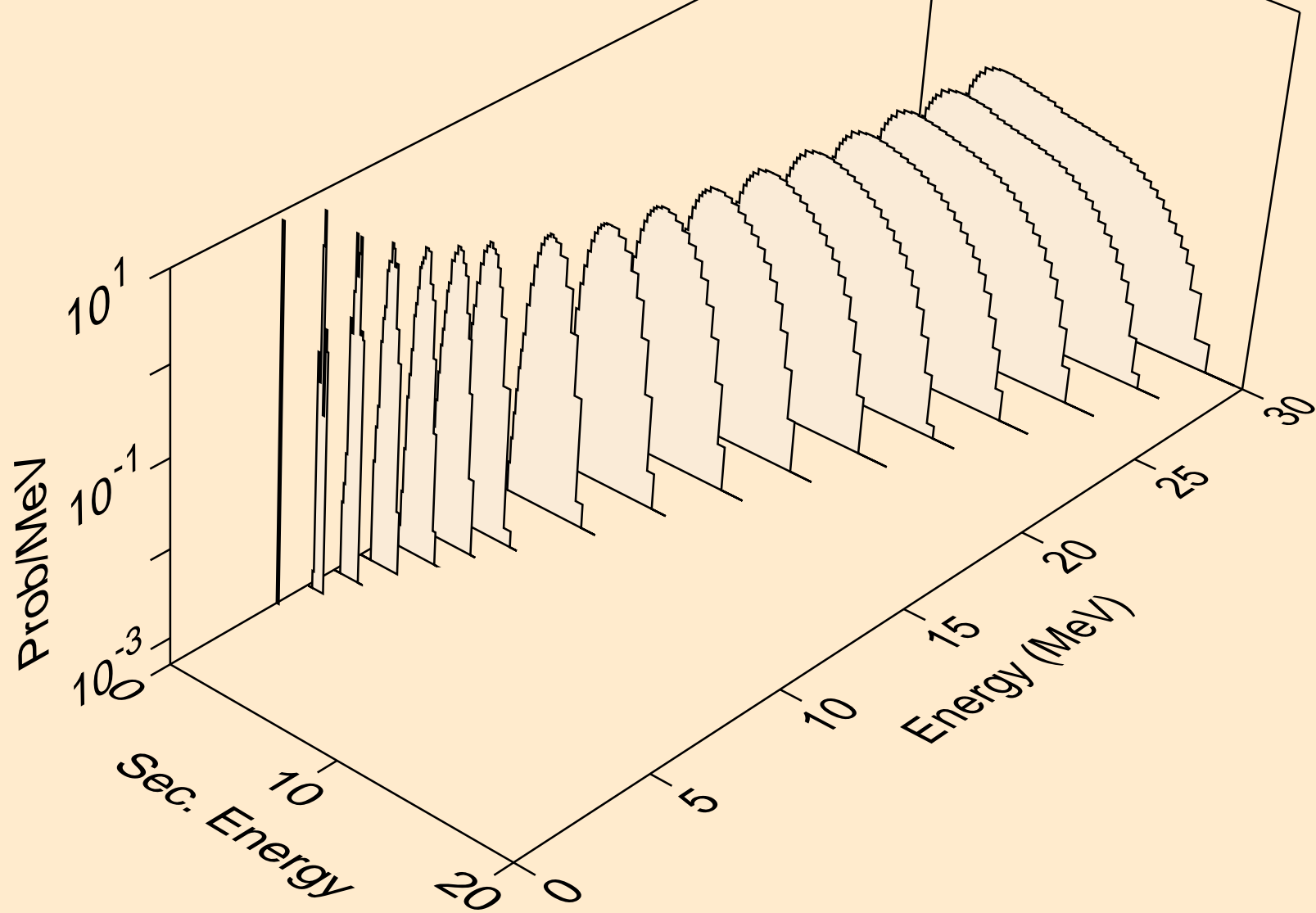
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alphas from (s,n\*)d2a



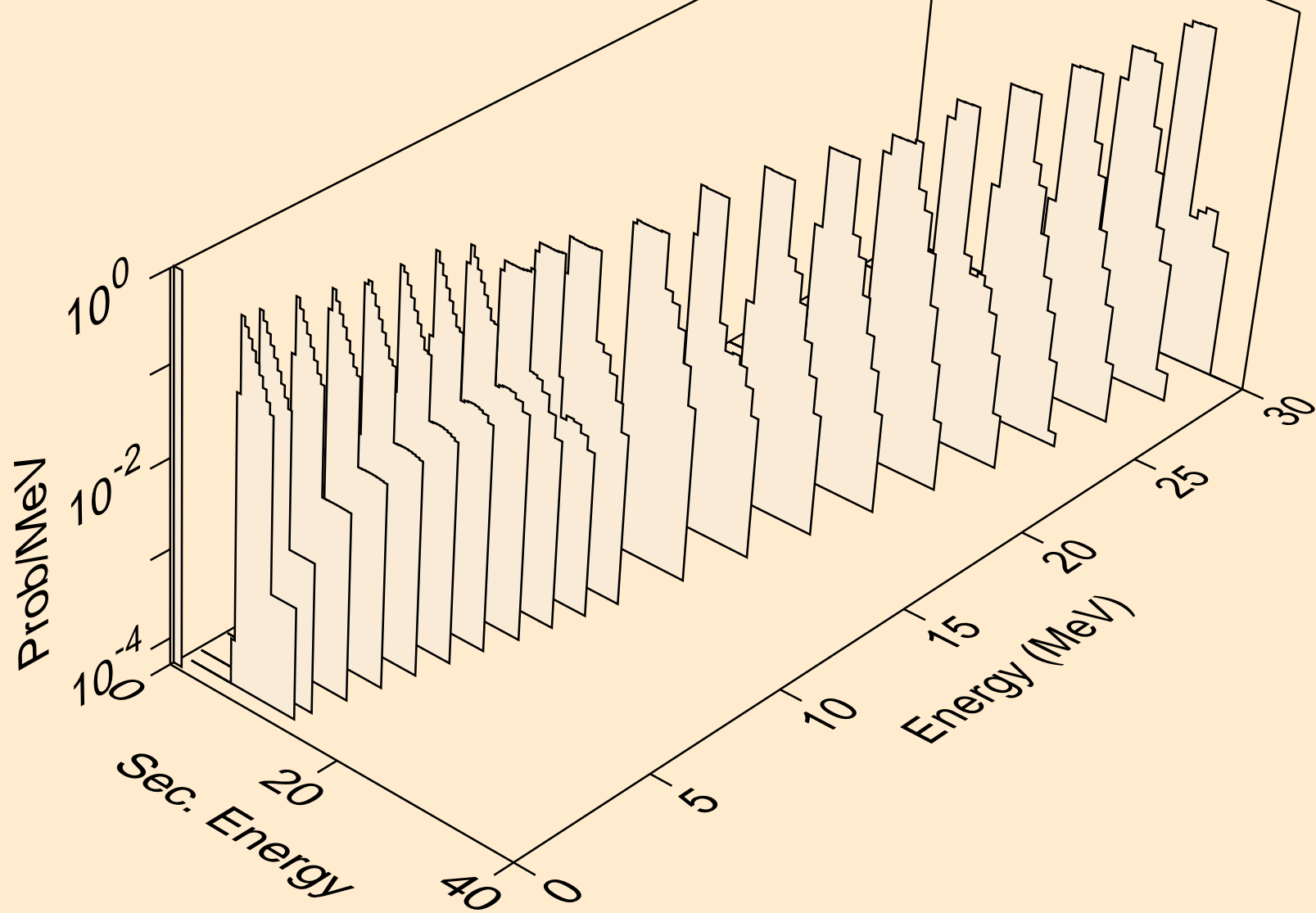
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alphas from (s,n\*)t2a



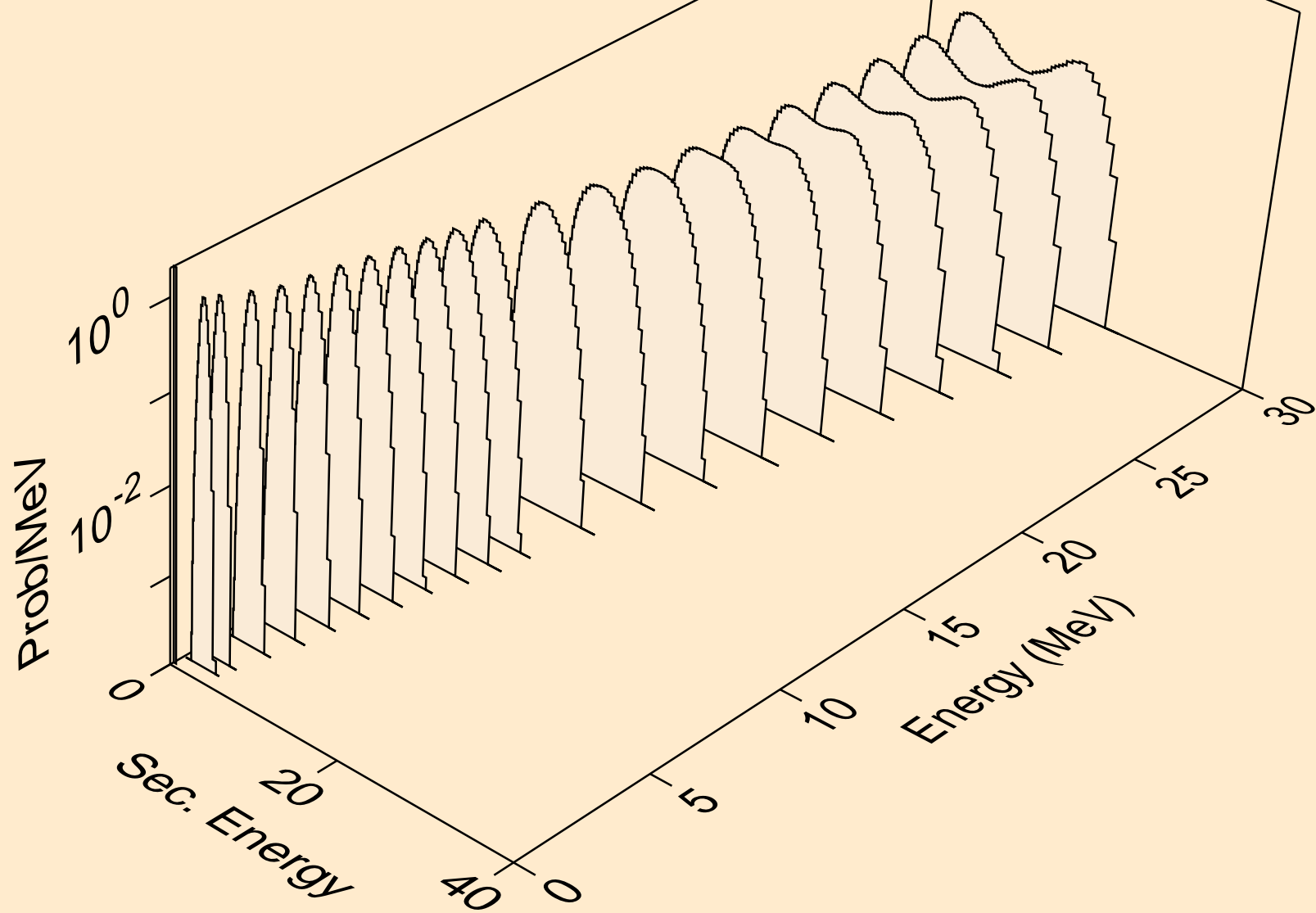
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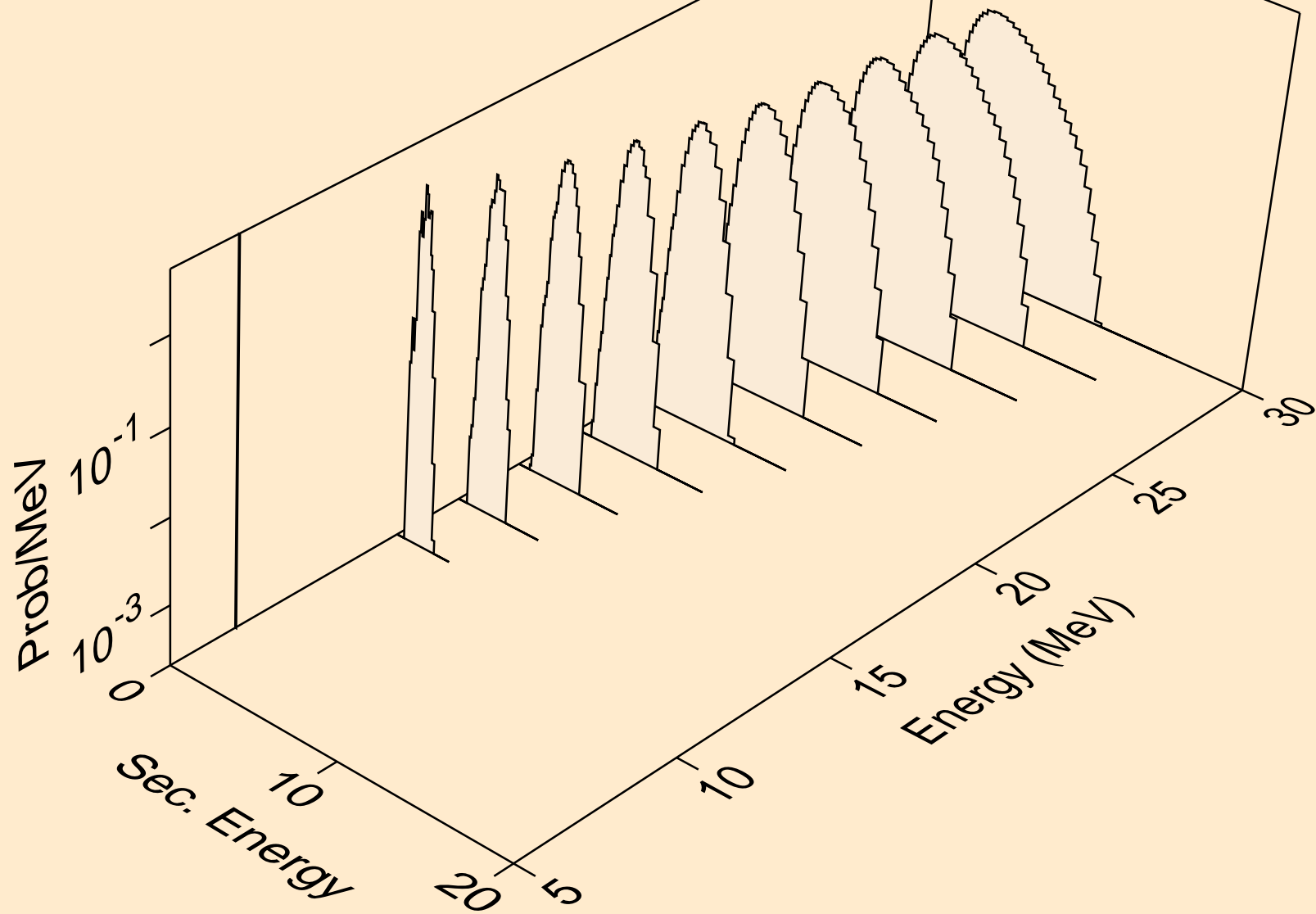
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alphas from (s,a)



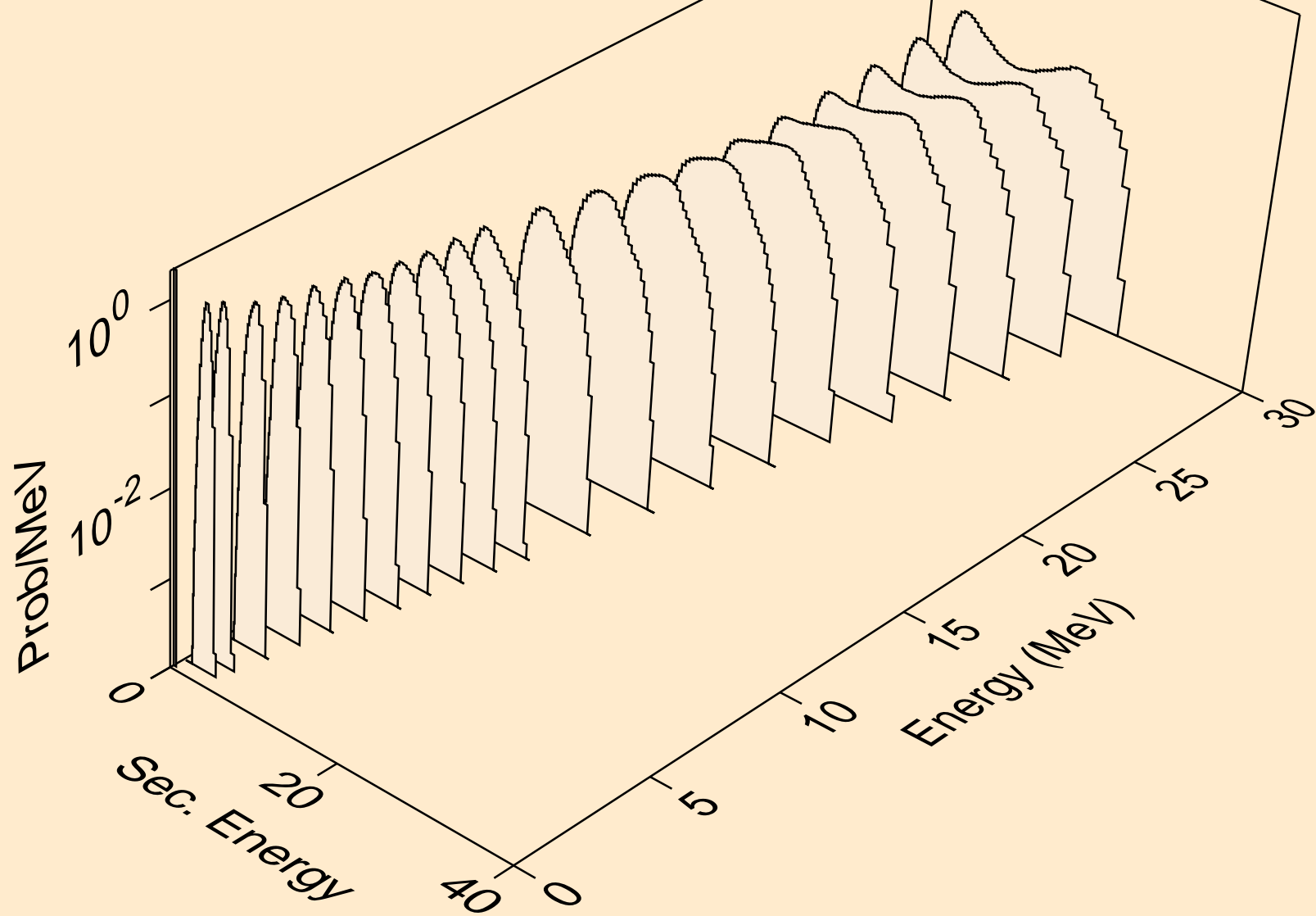
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alphas from (s,2a)



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3a)

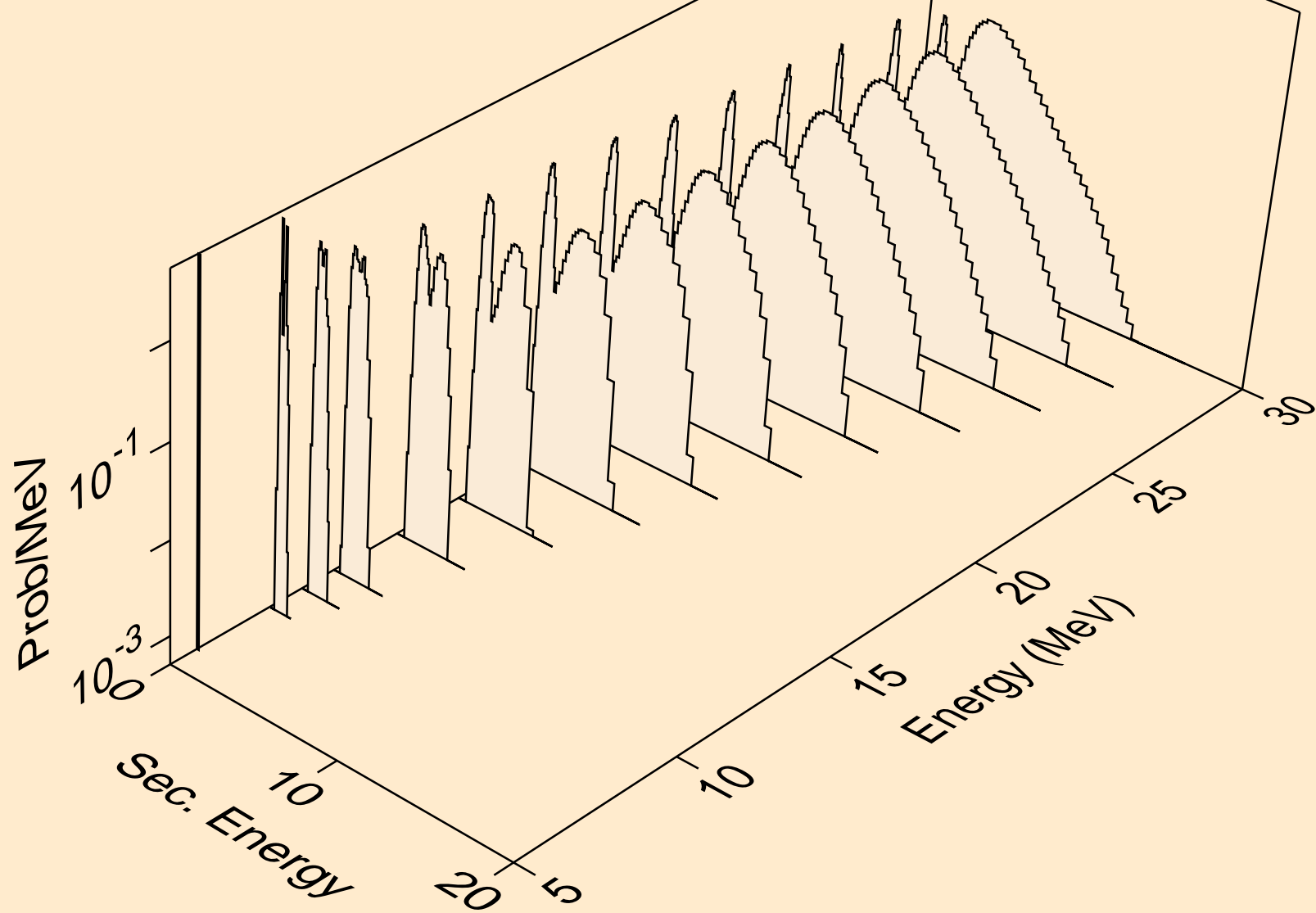


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alphas from (s,pa)

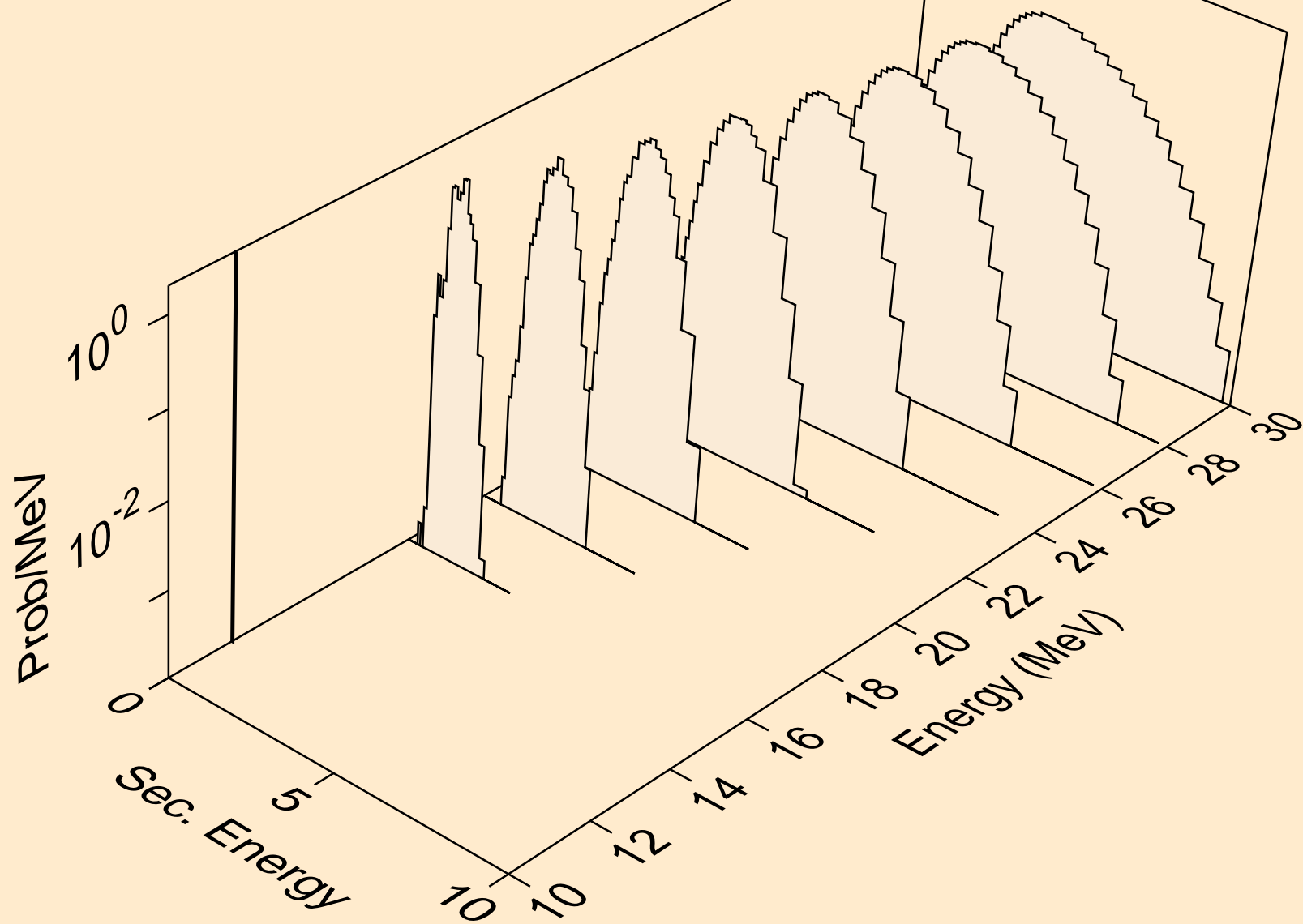




F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,t2a)



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,d2a)



F022 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

