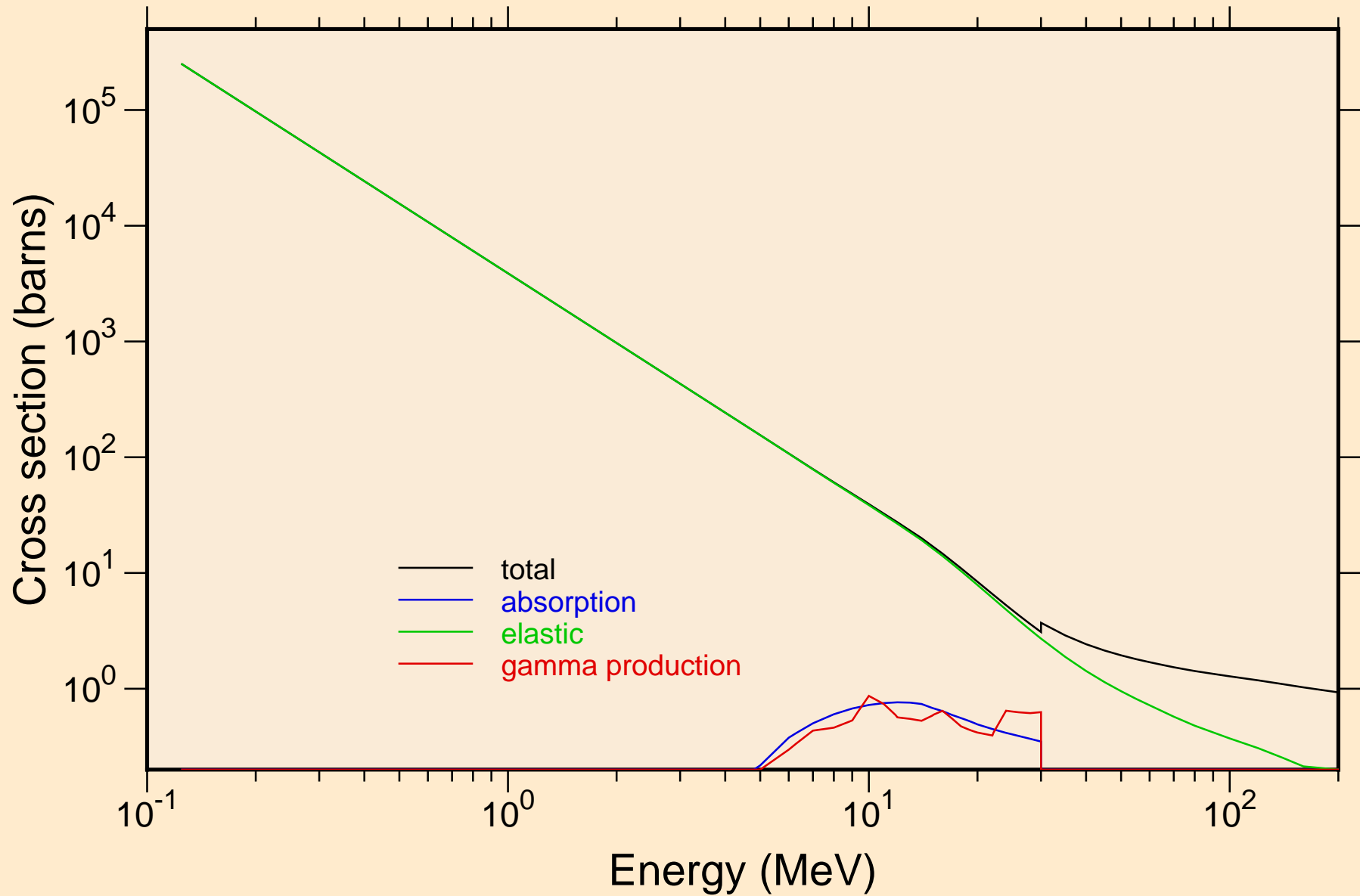
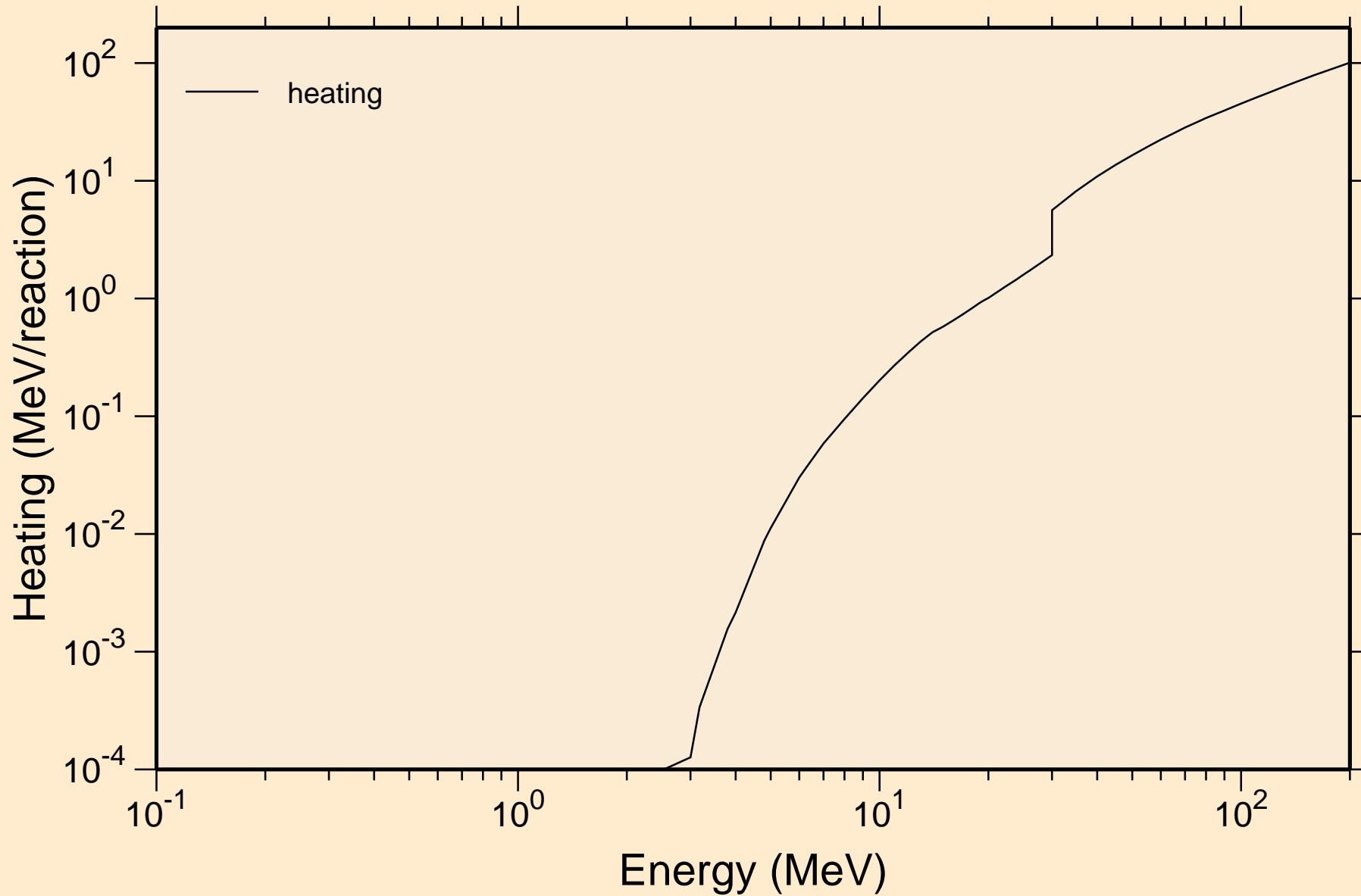


NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

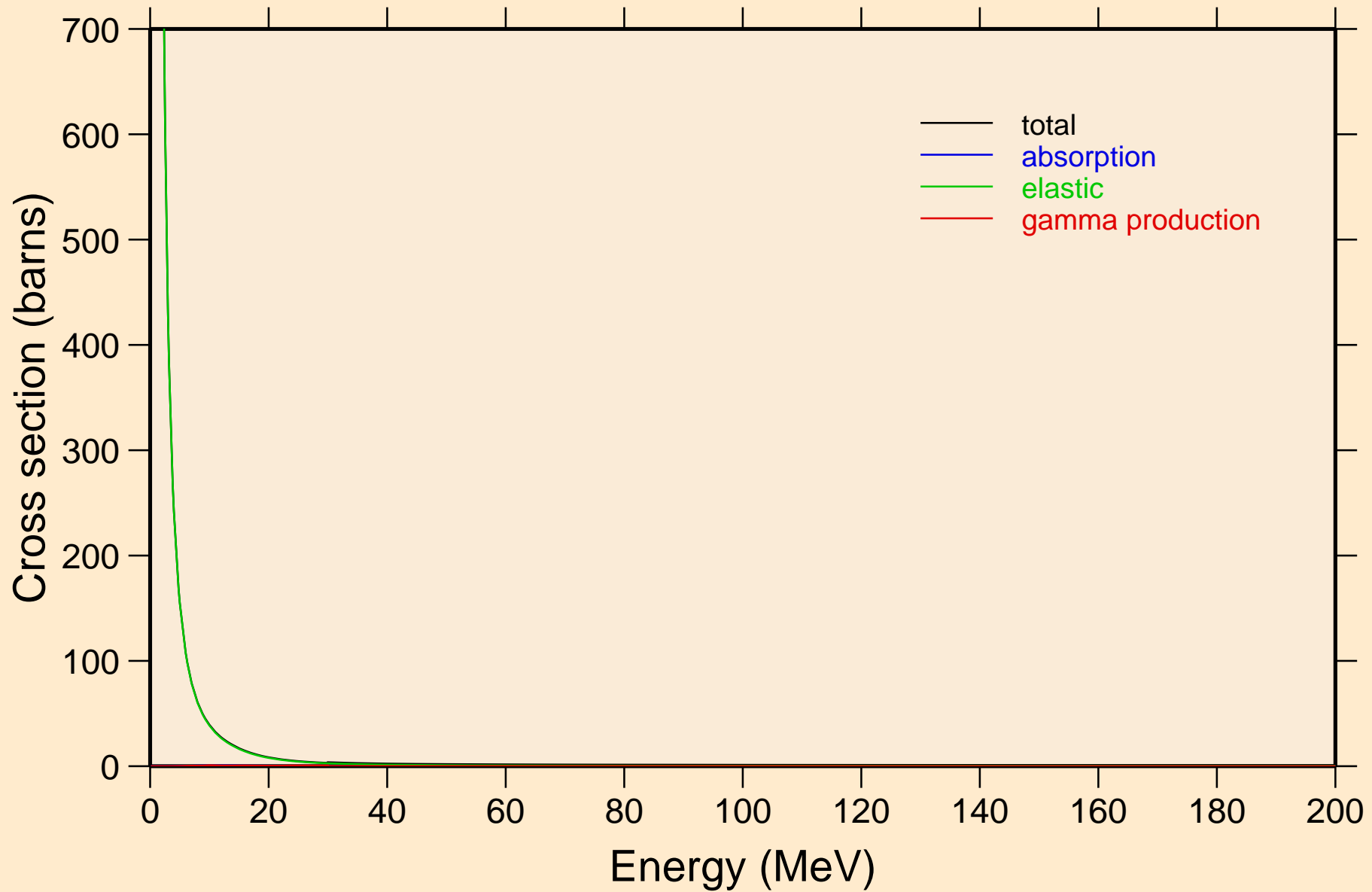


NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Heating



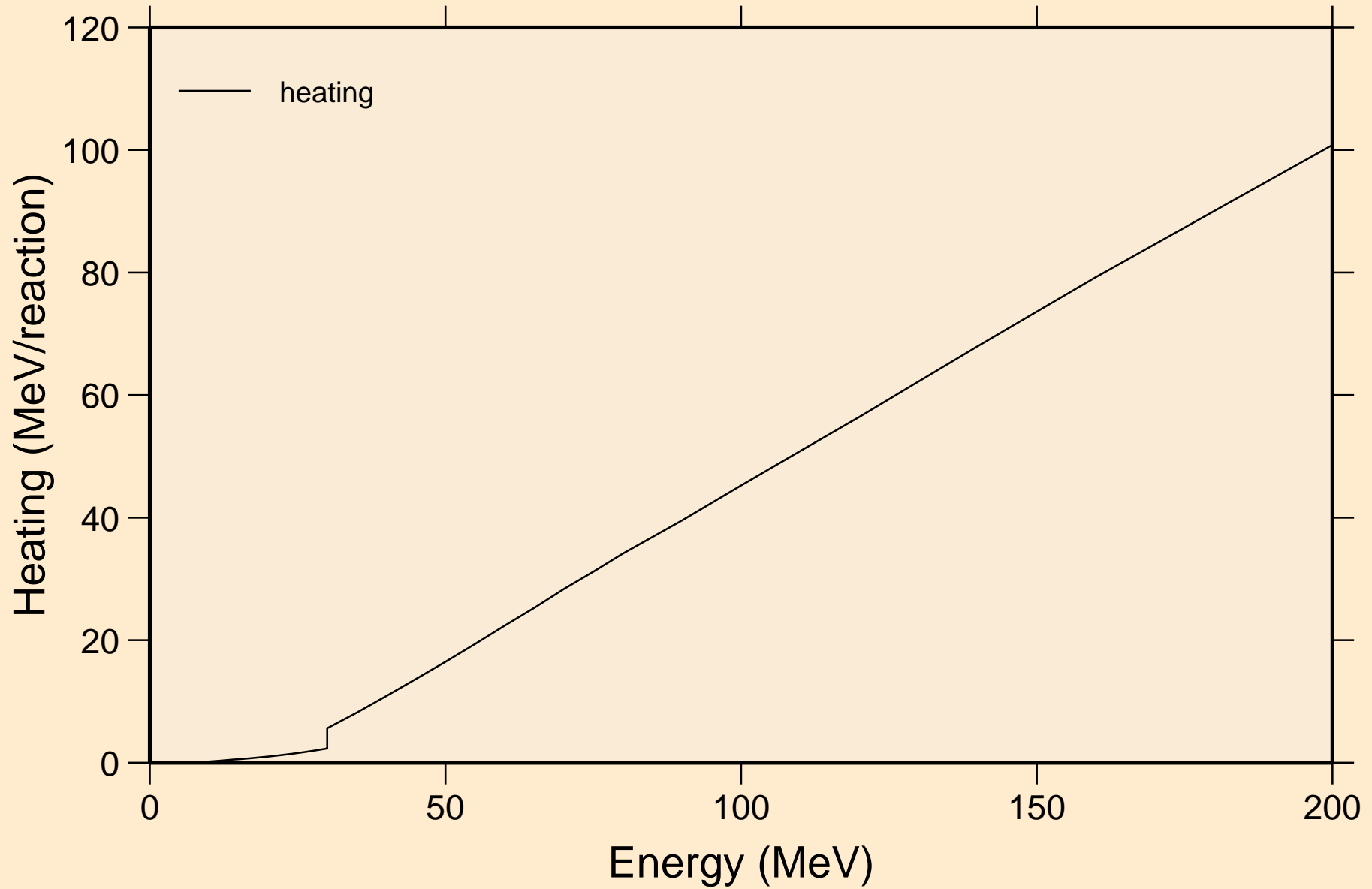
# NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

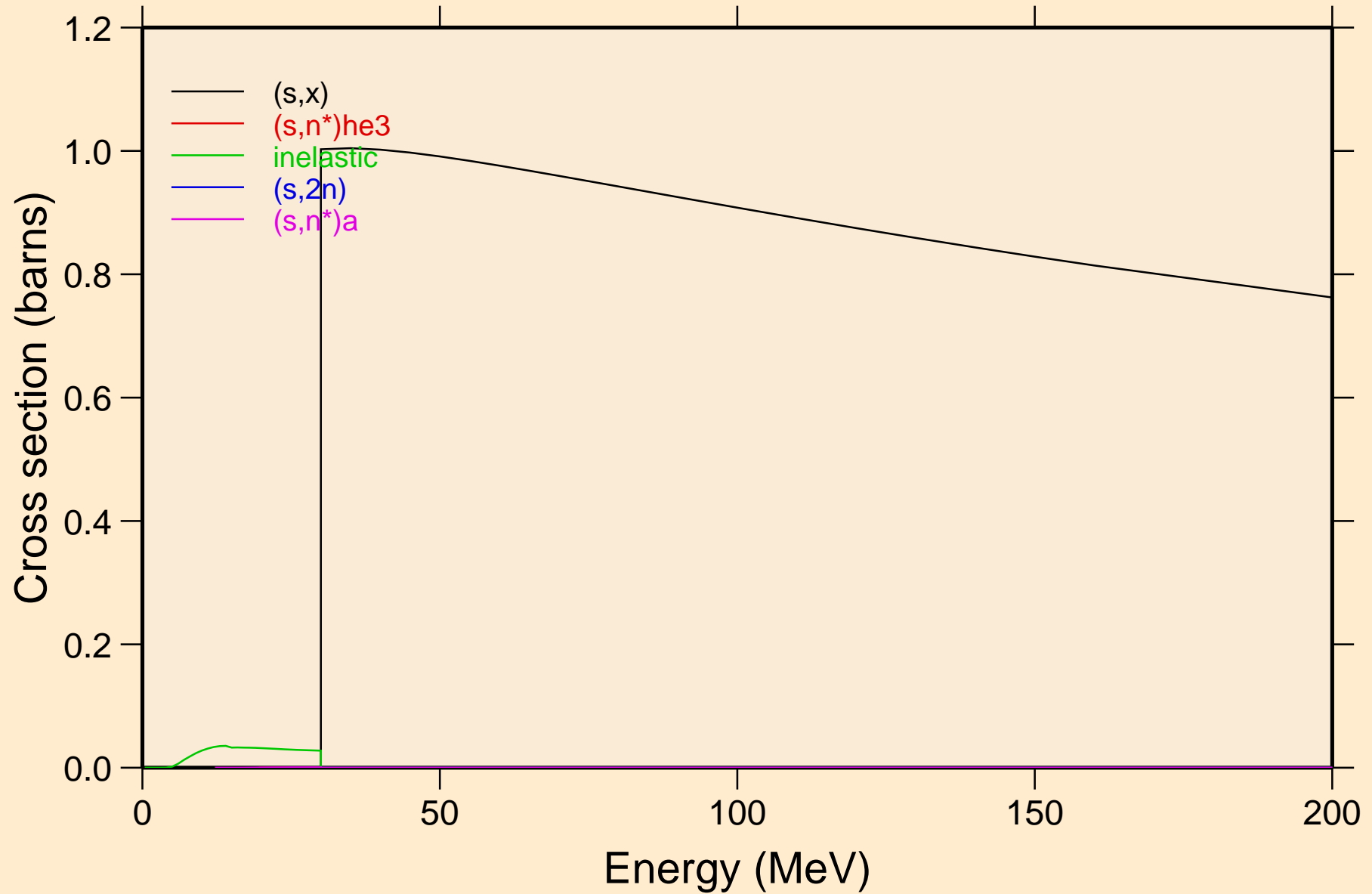


NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K

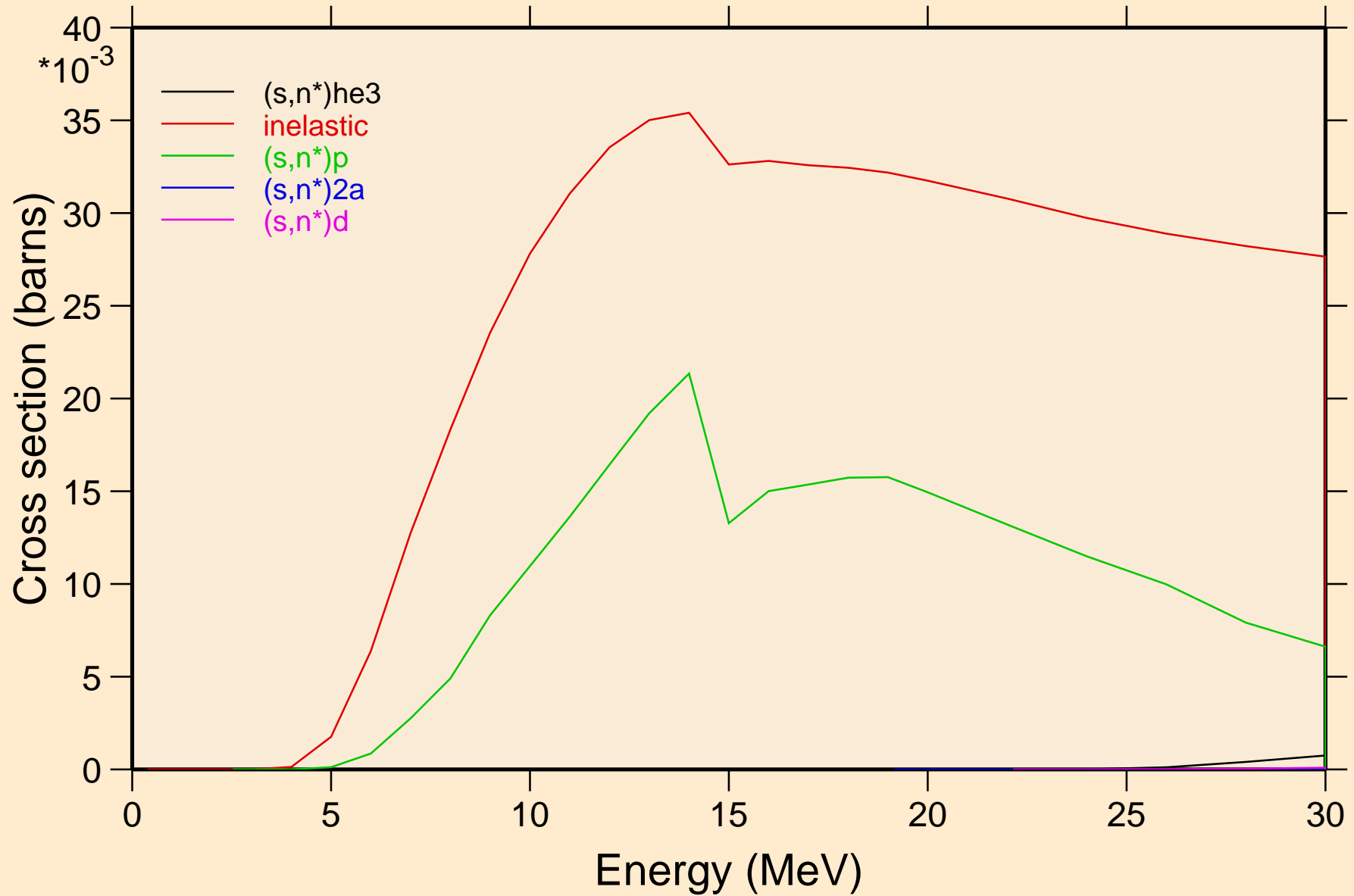
Heating



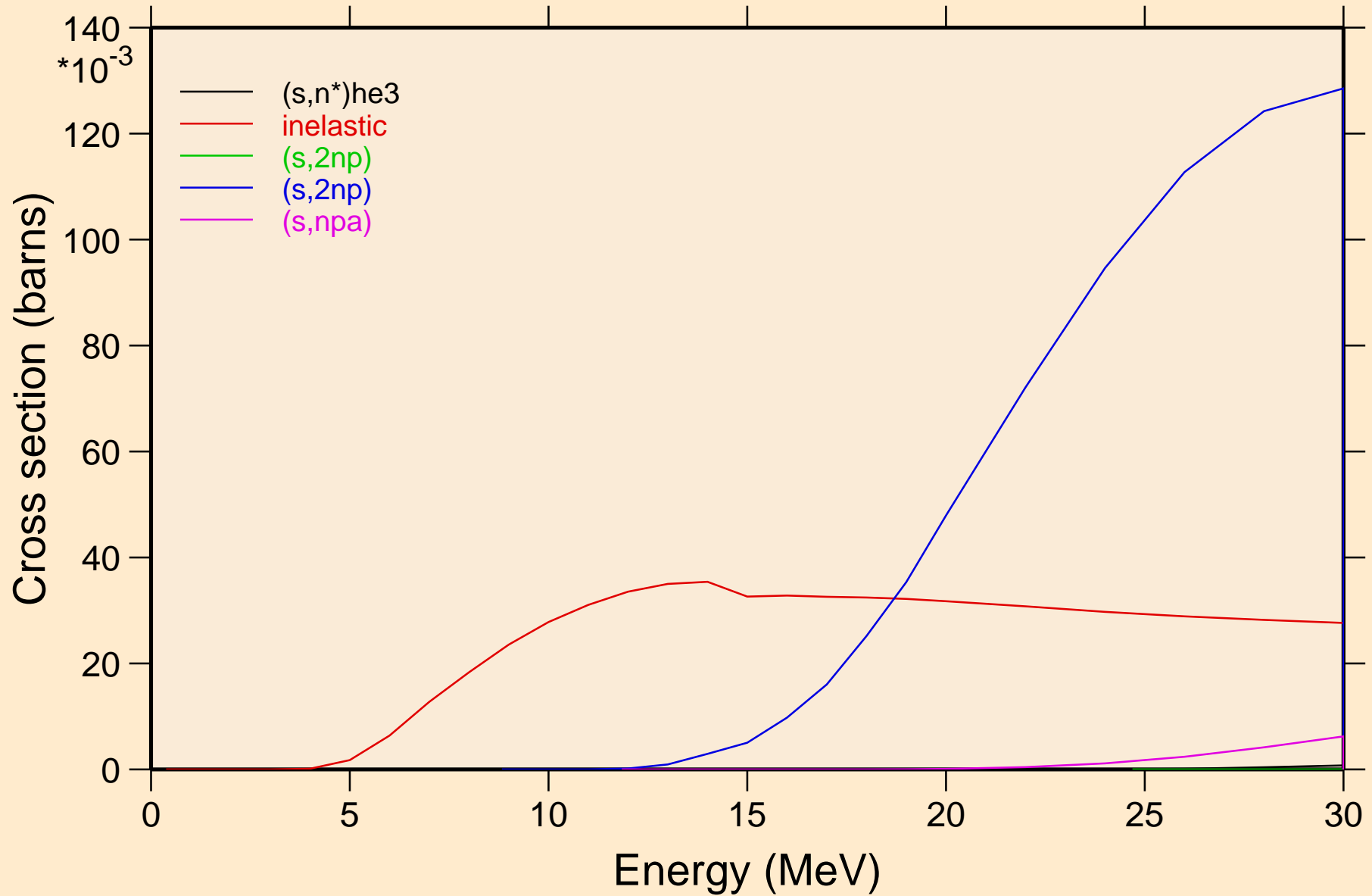
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



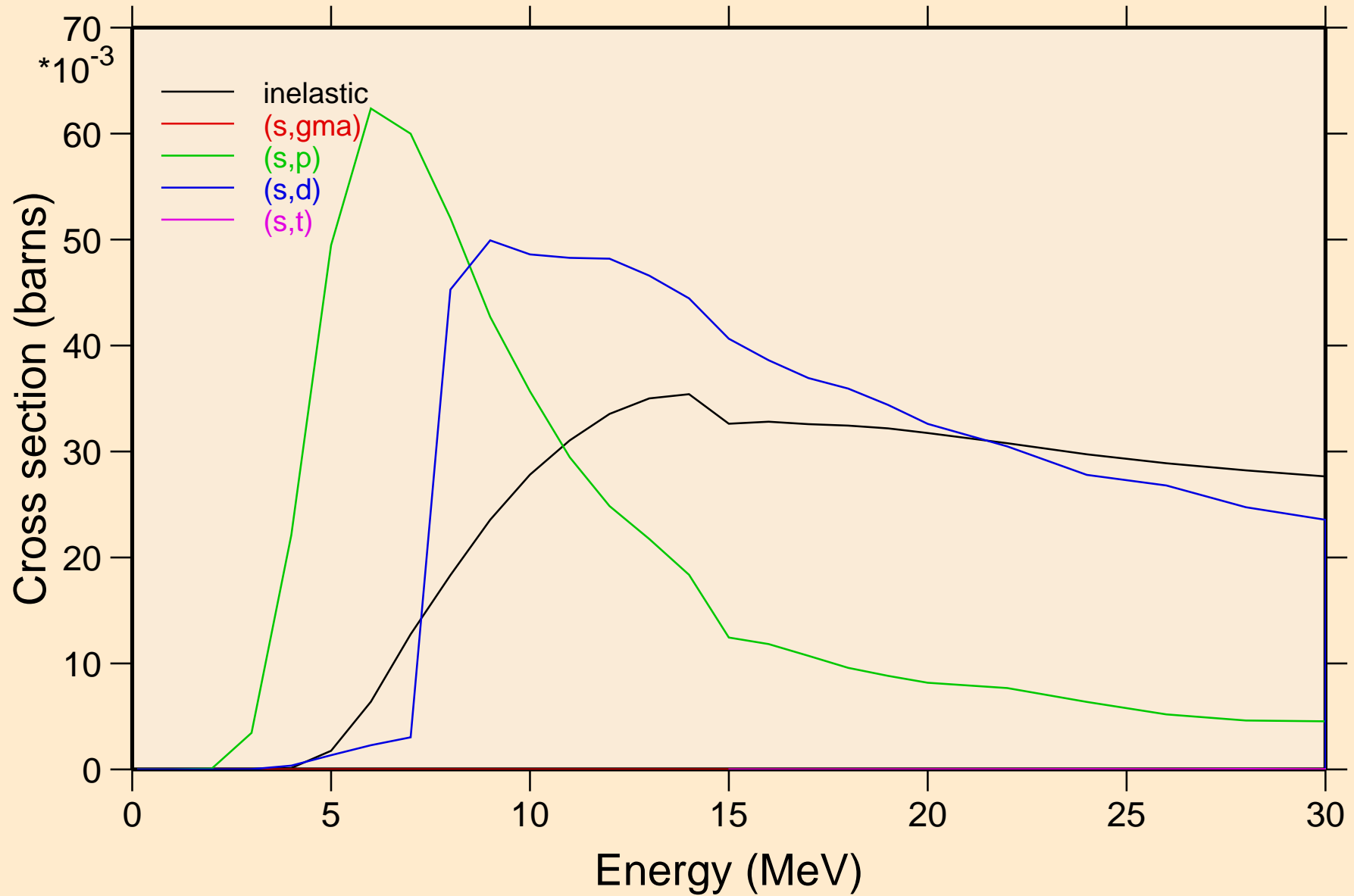
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

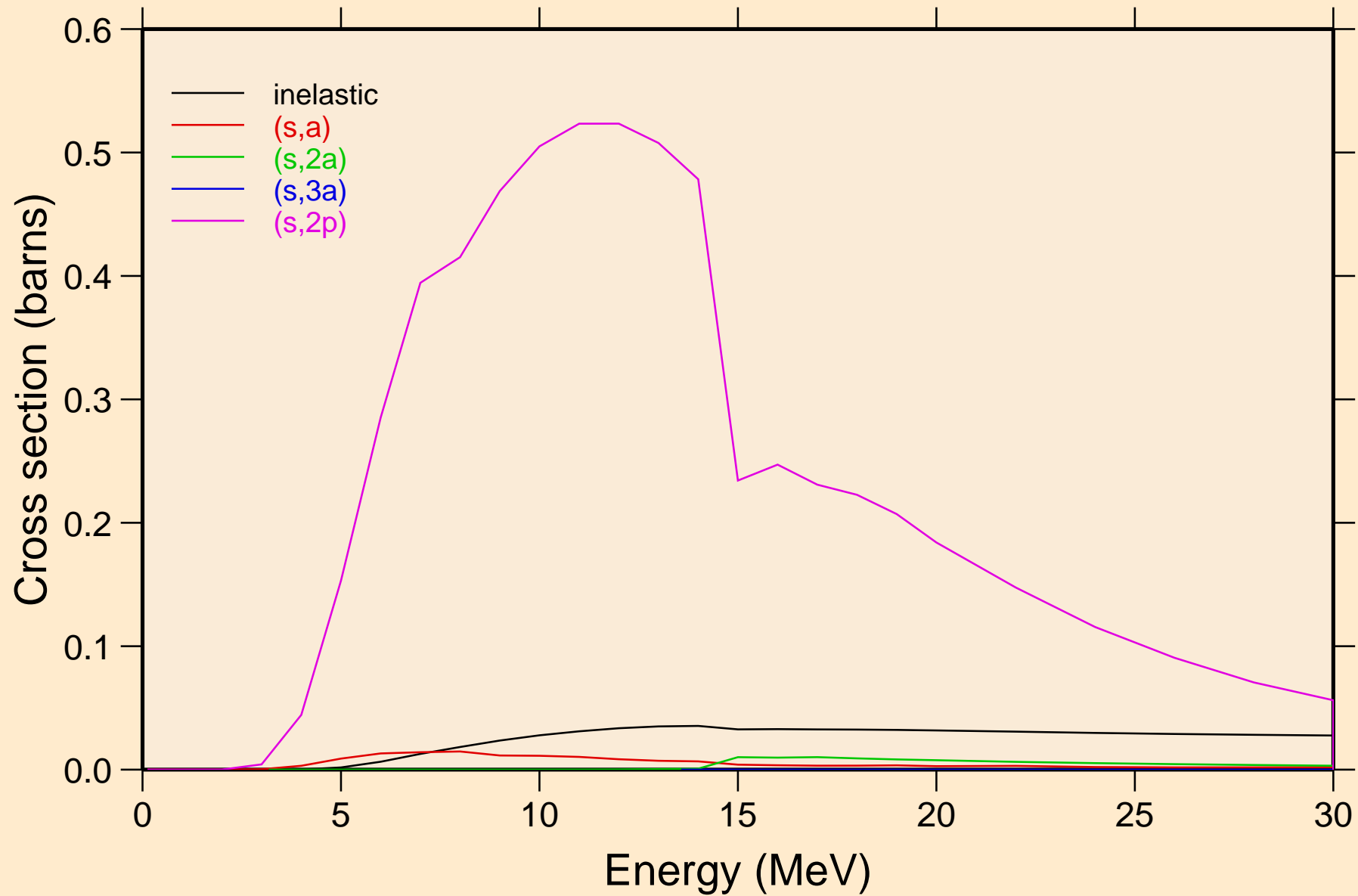


NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

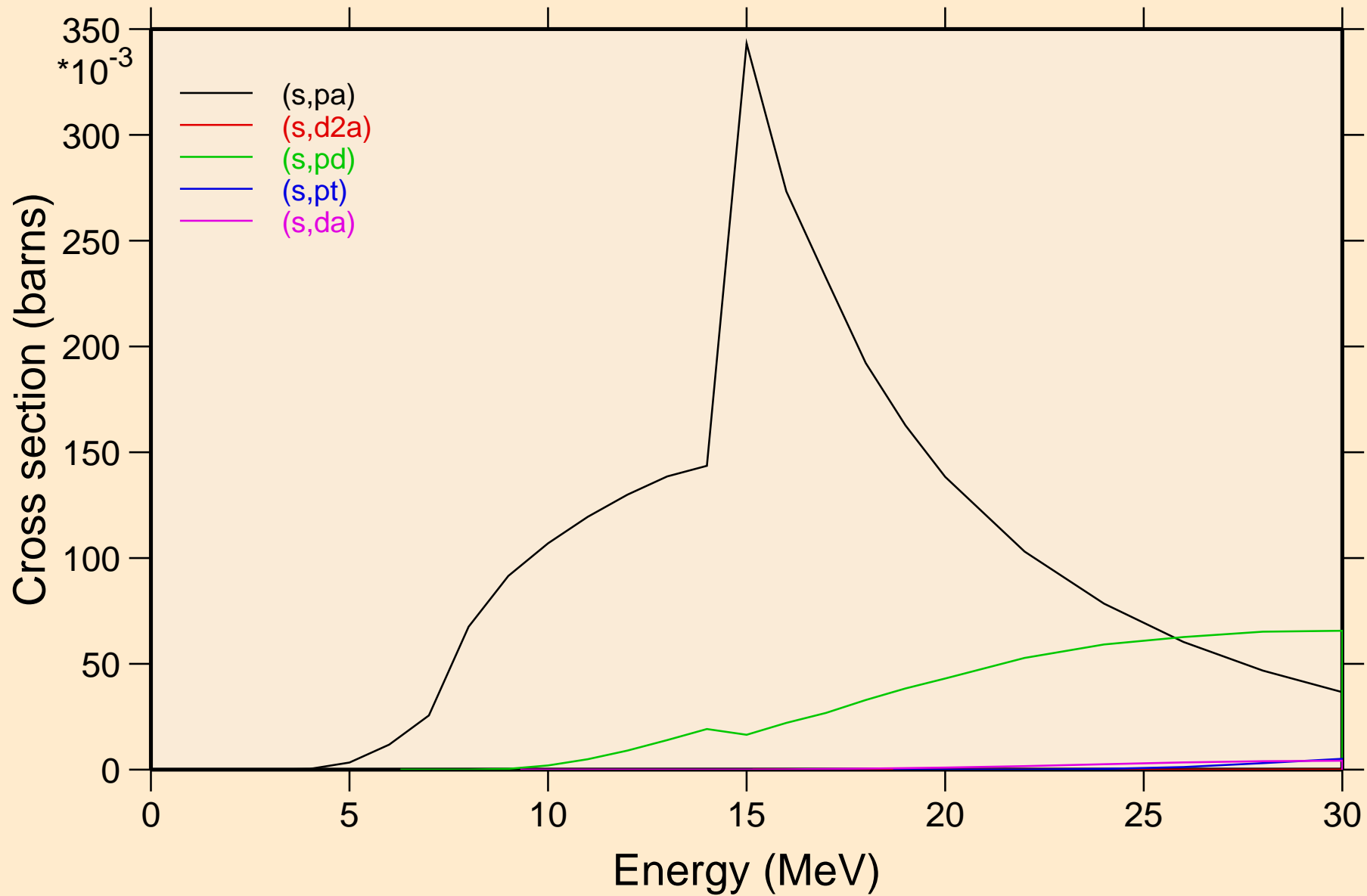




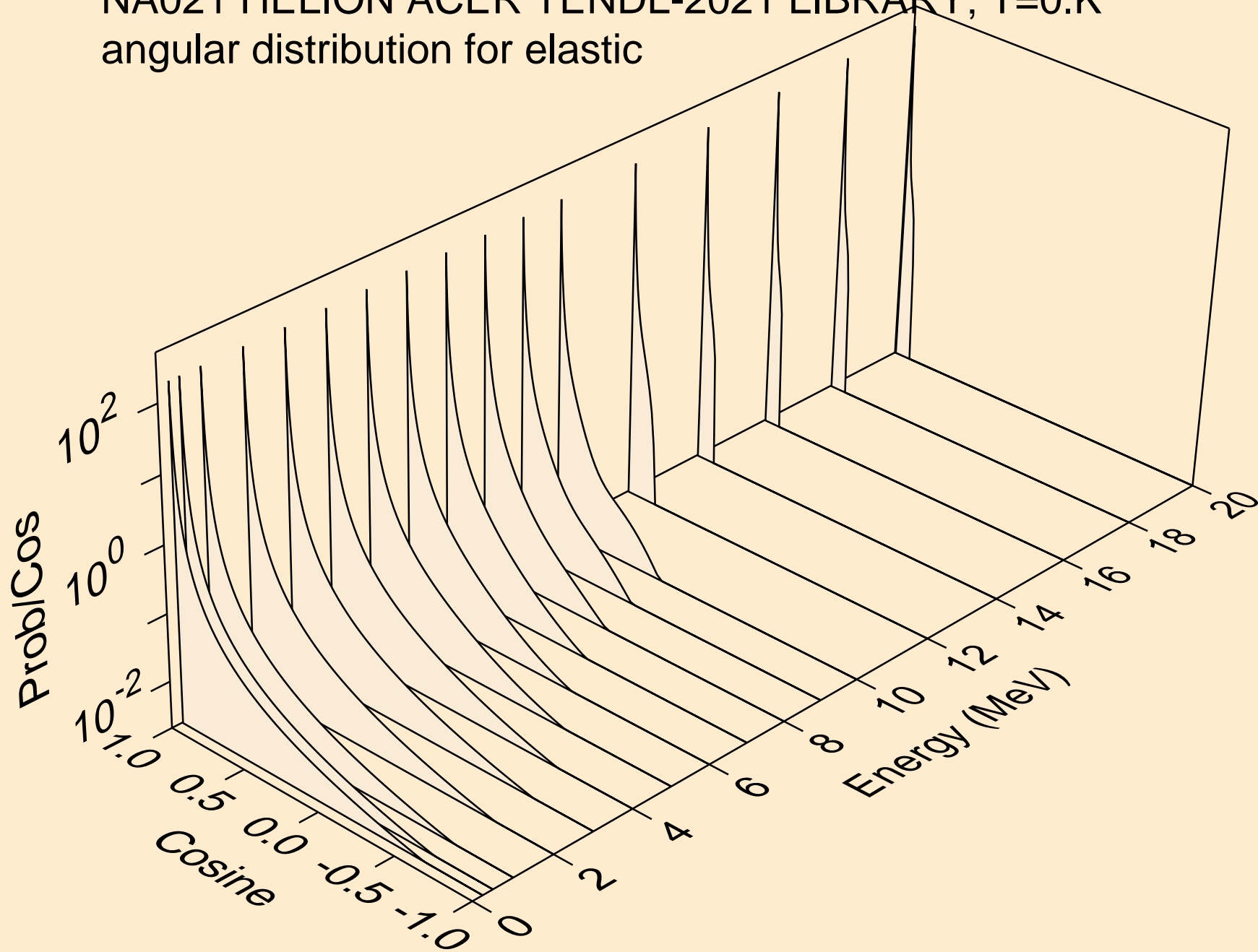
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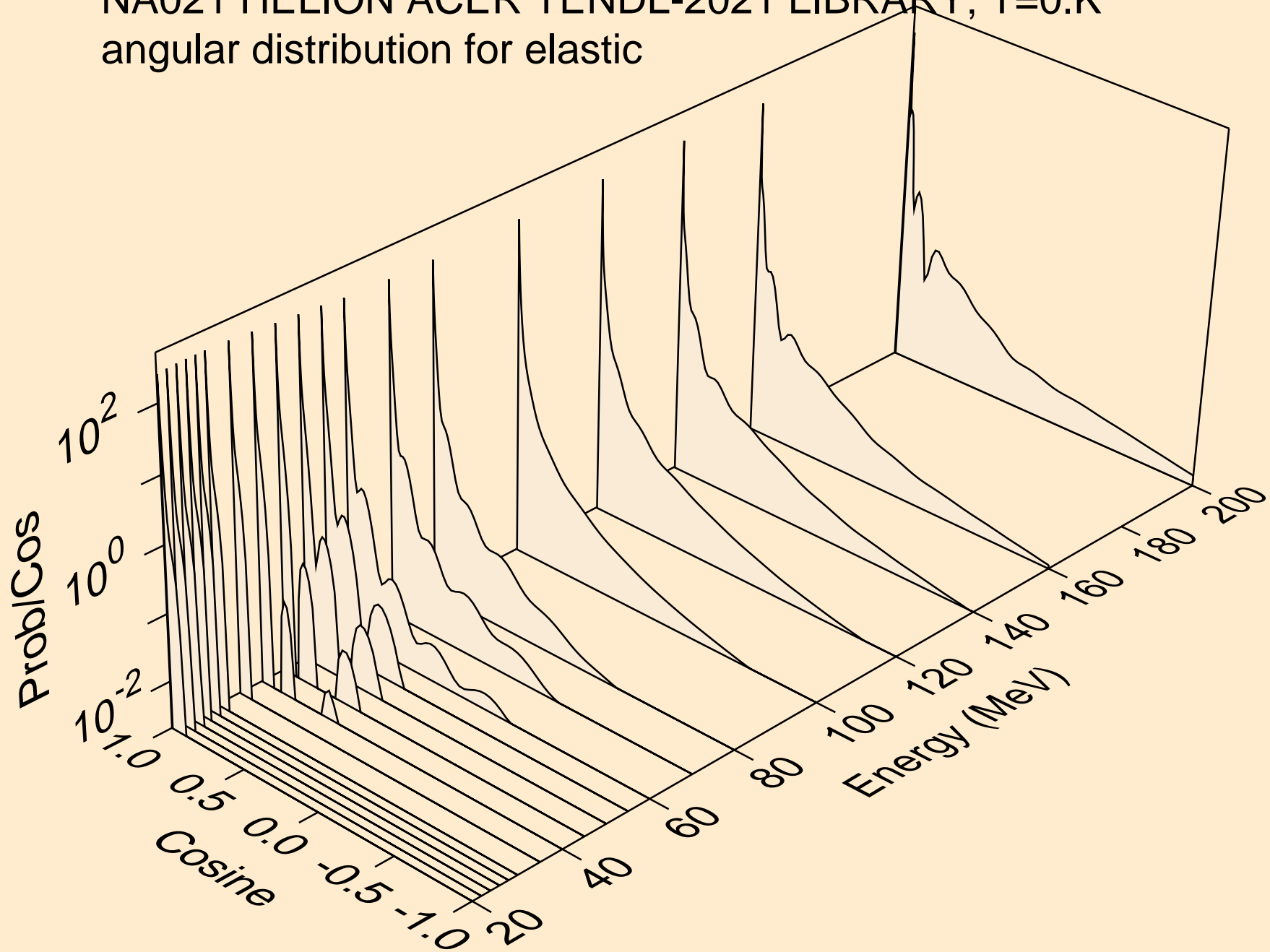
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



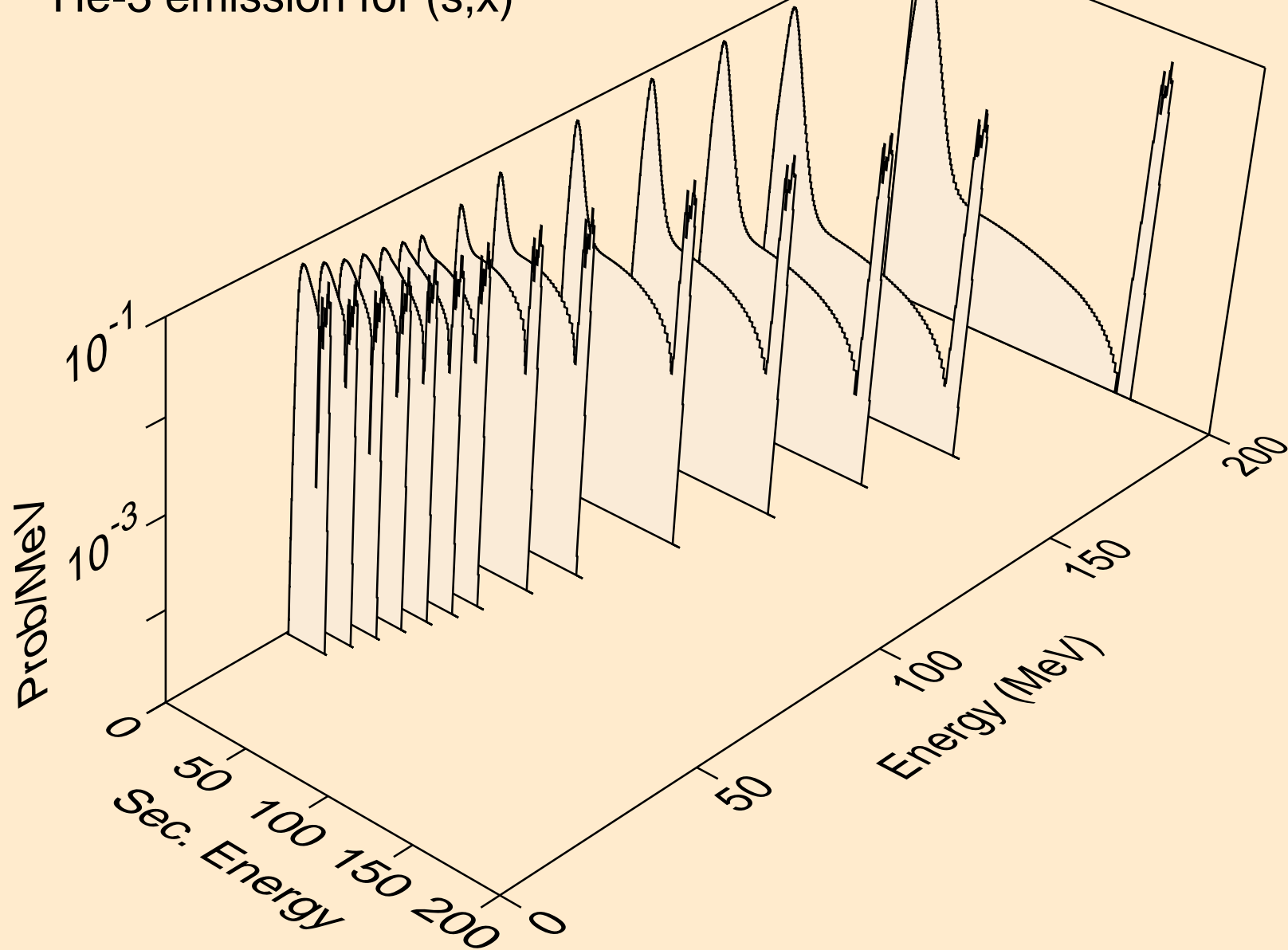
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angular distribution for elastic



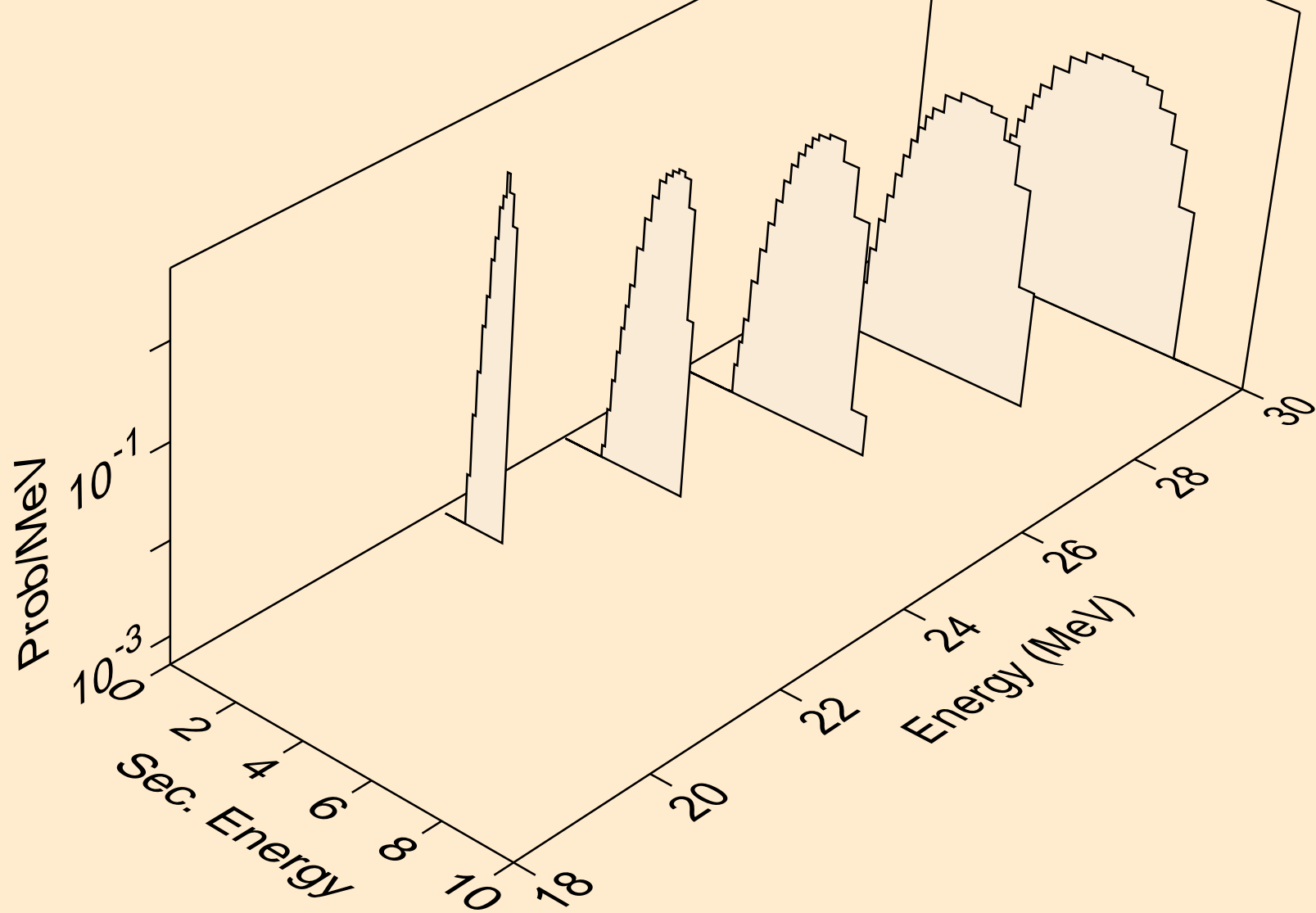
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angular distribution for elastic



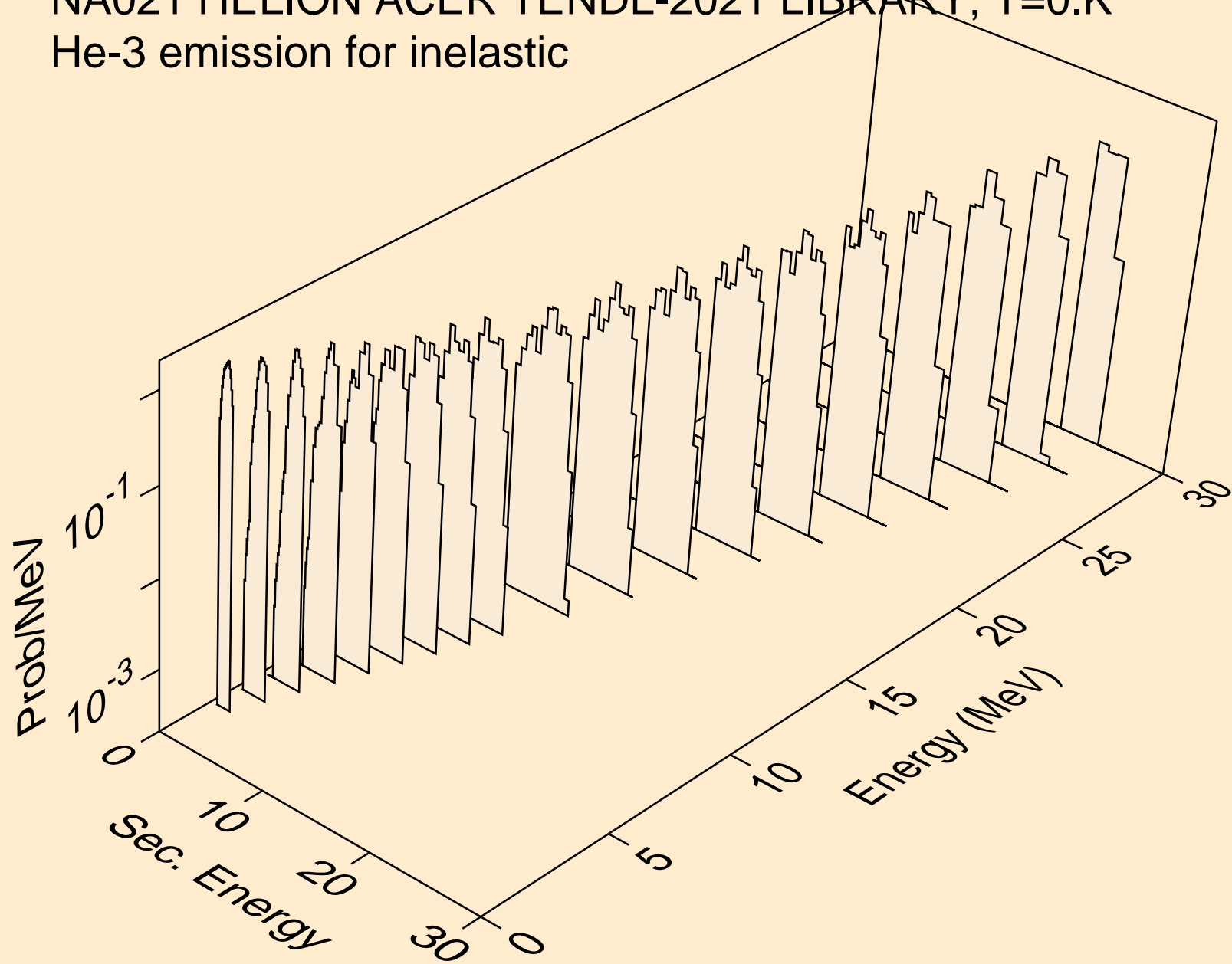
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



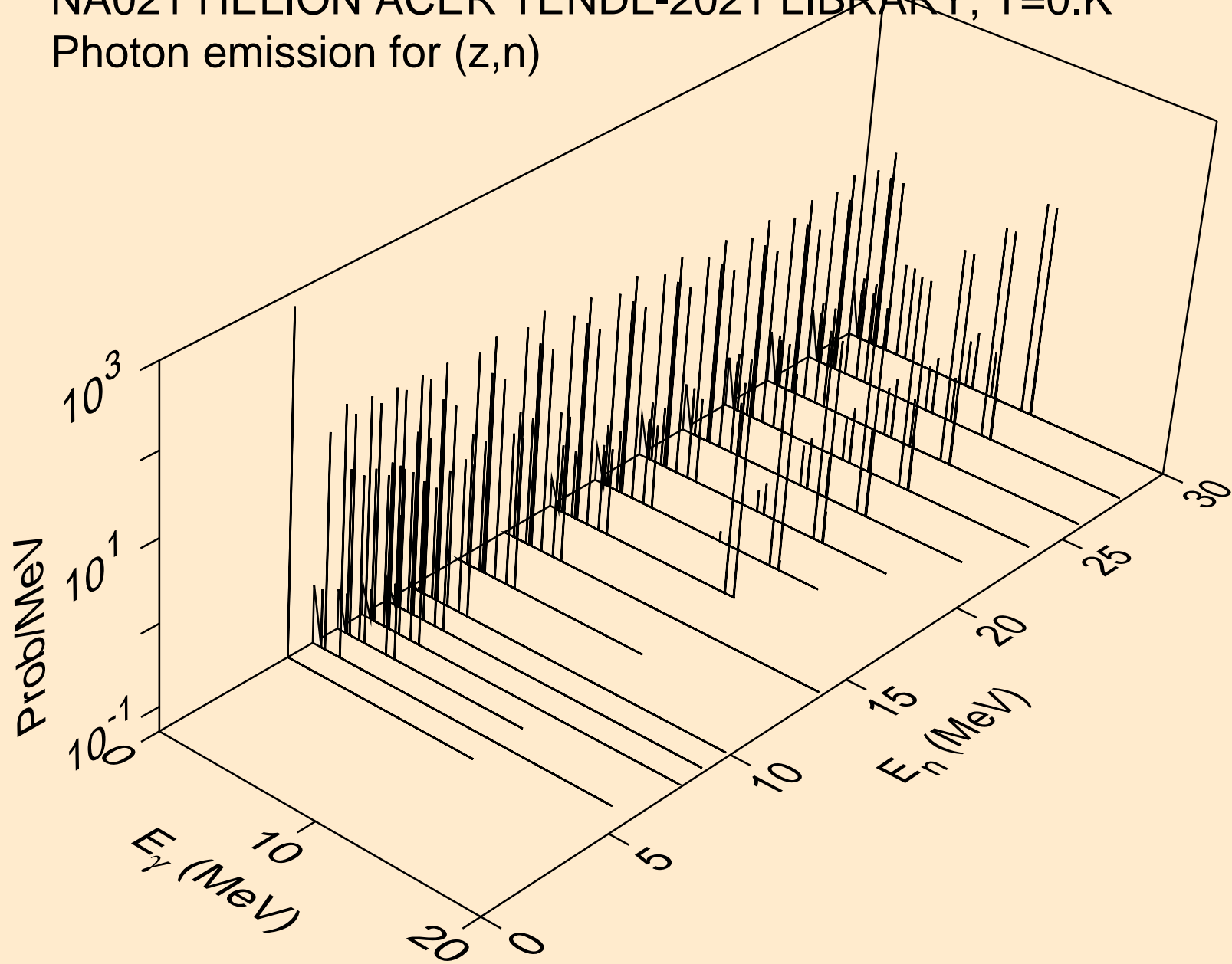
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

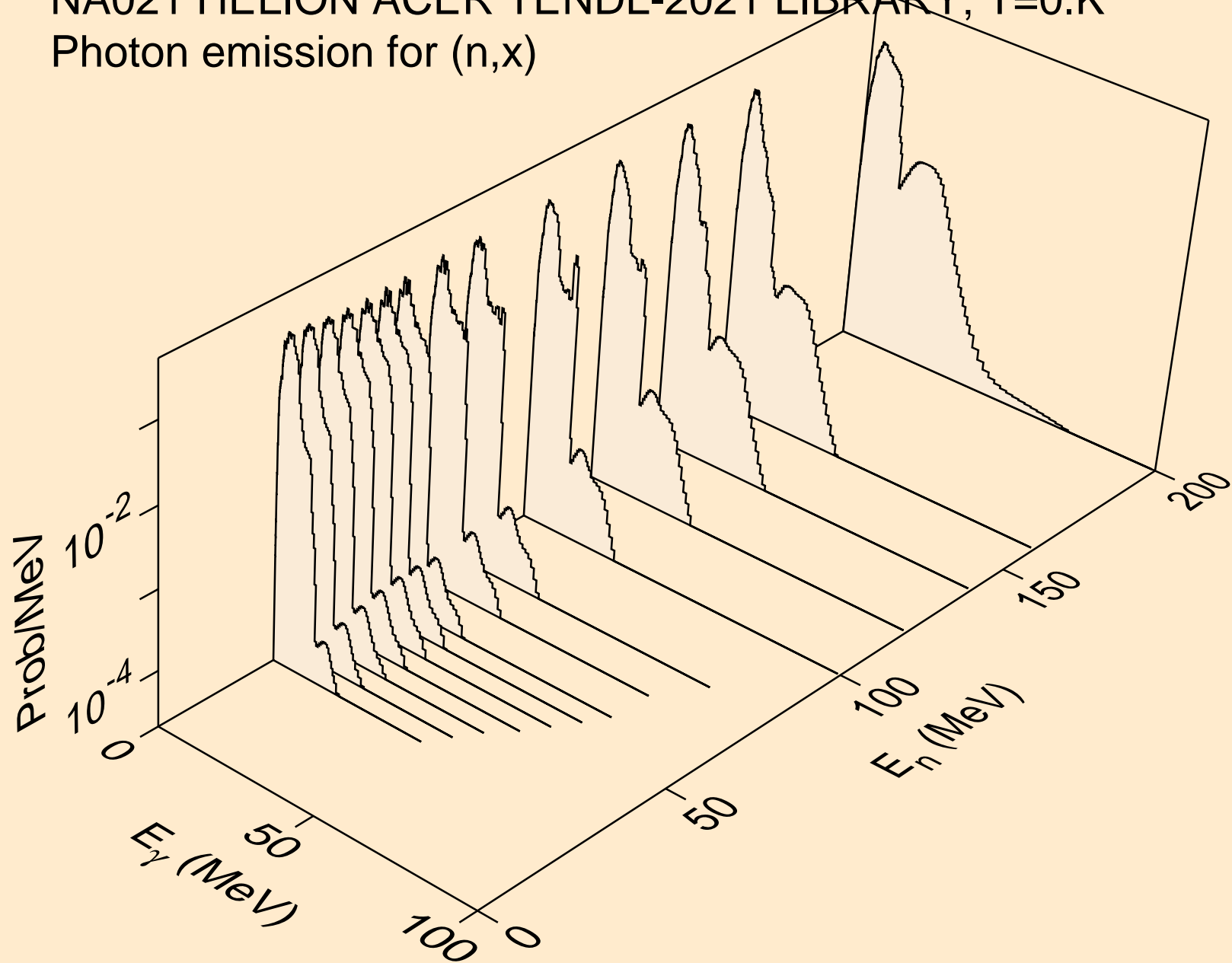


NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

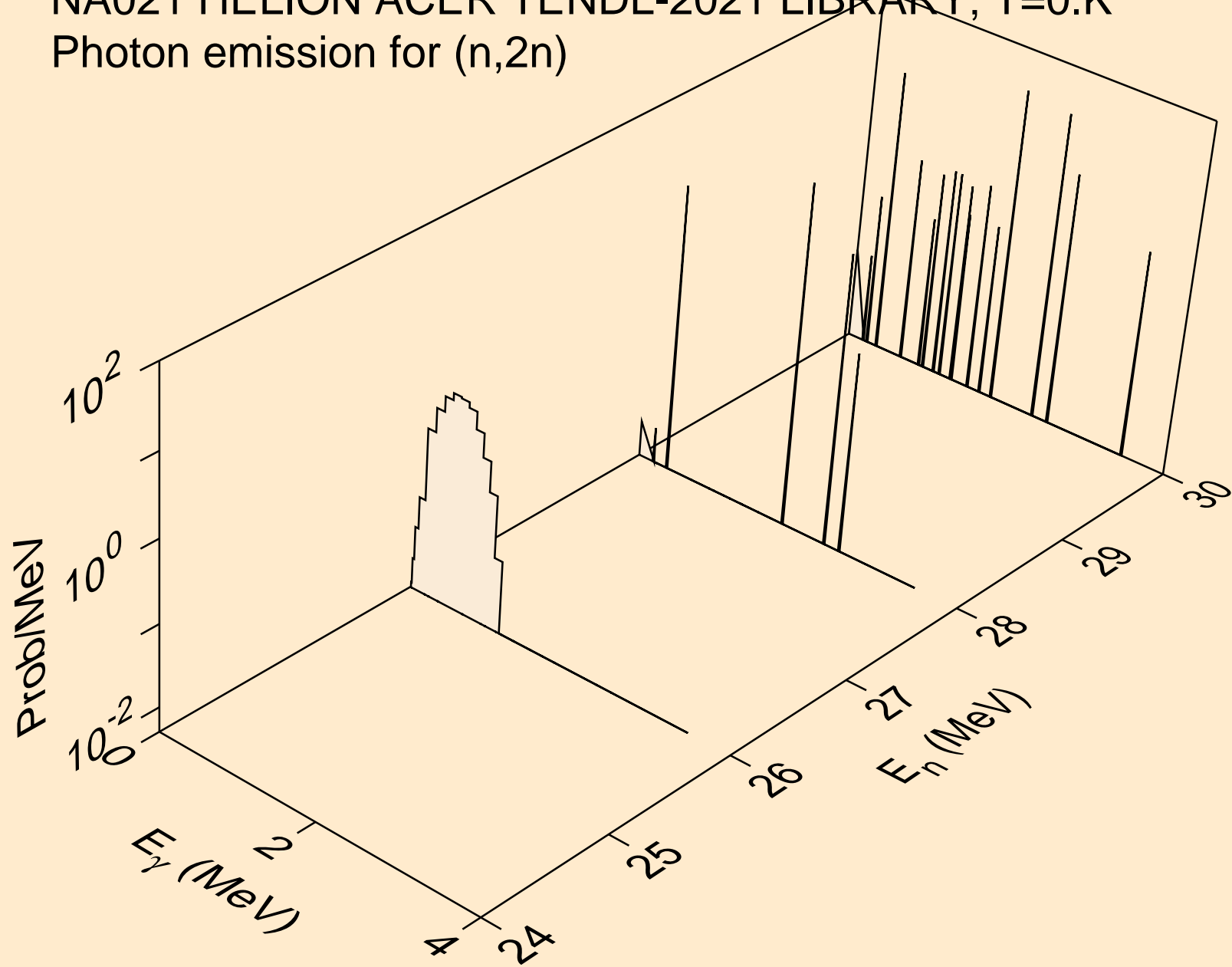




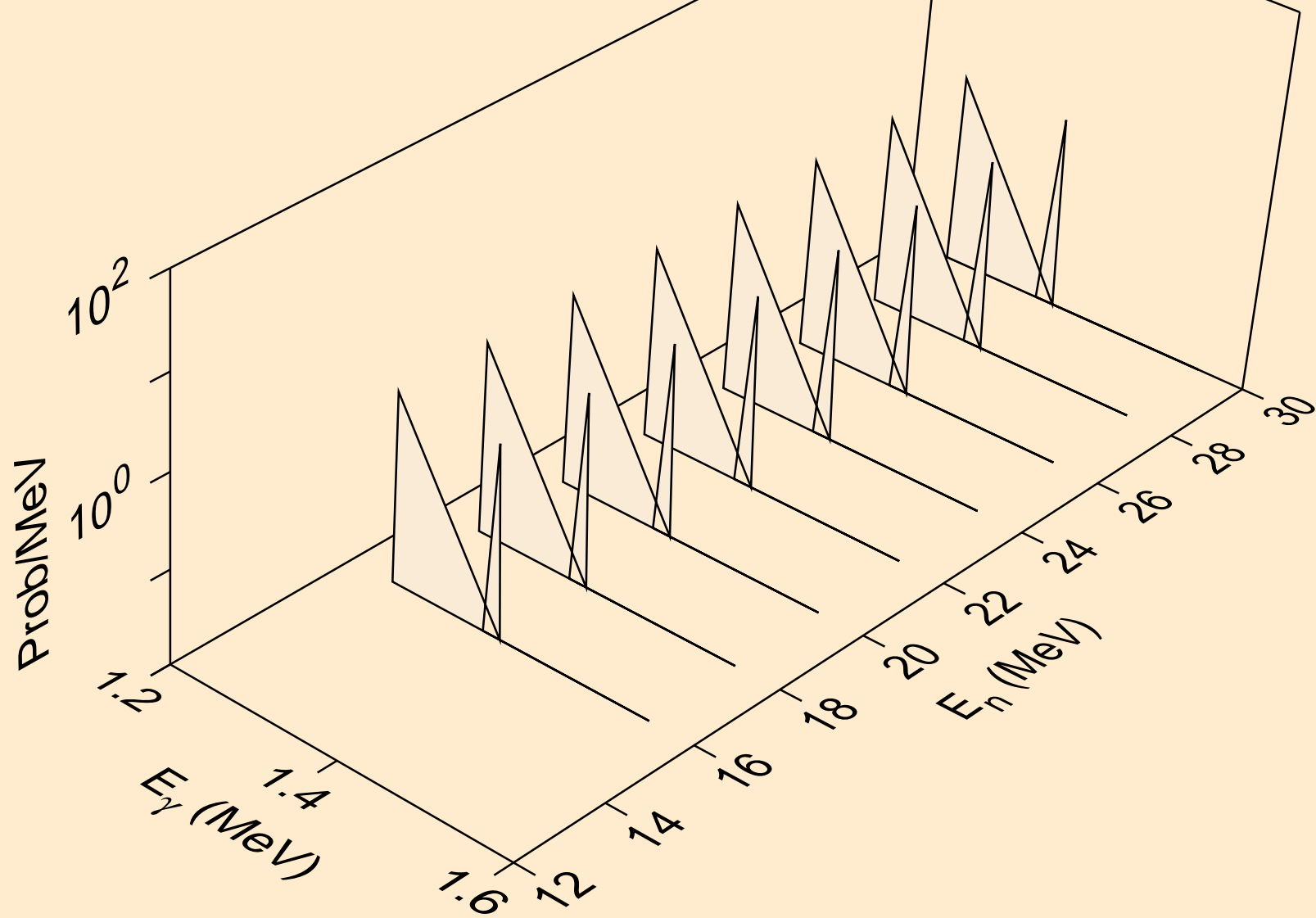
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



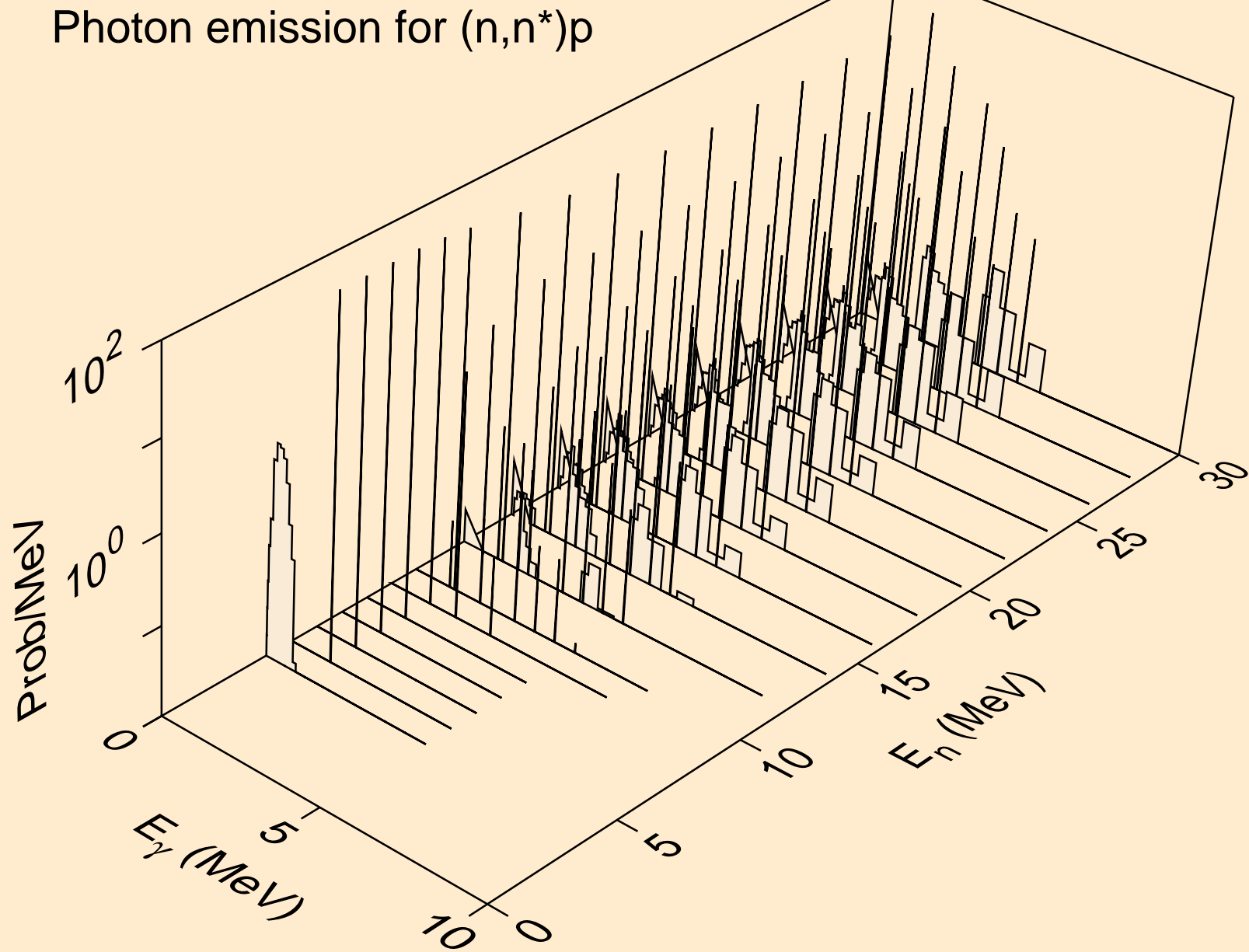
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Photon emission for (n,2n)



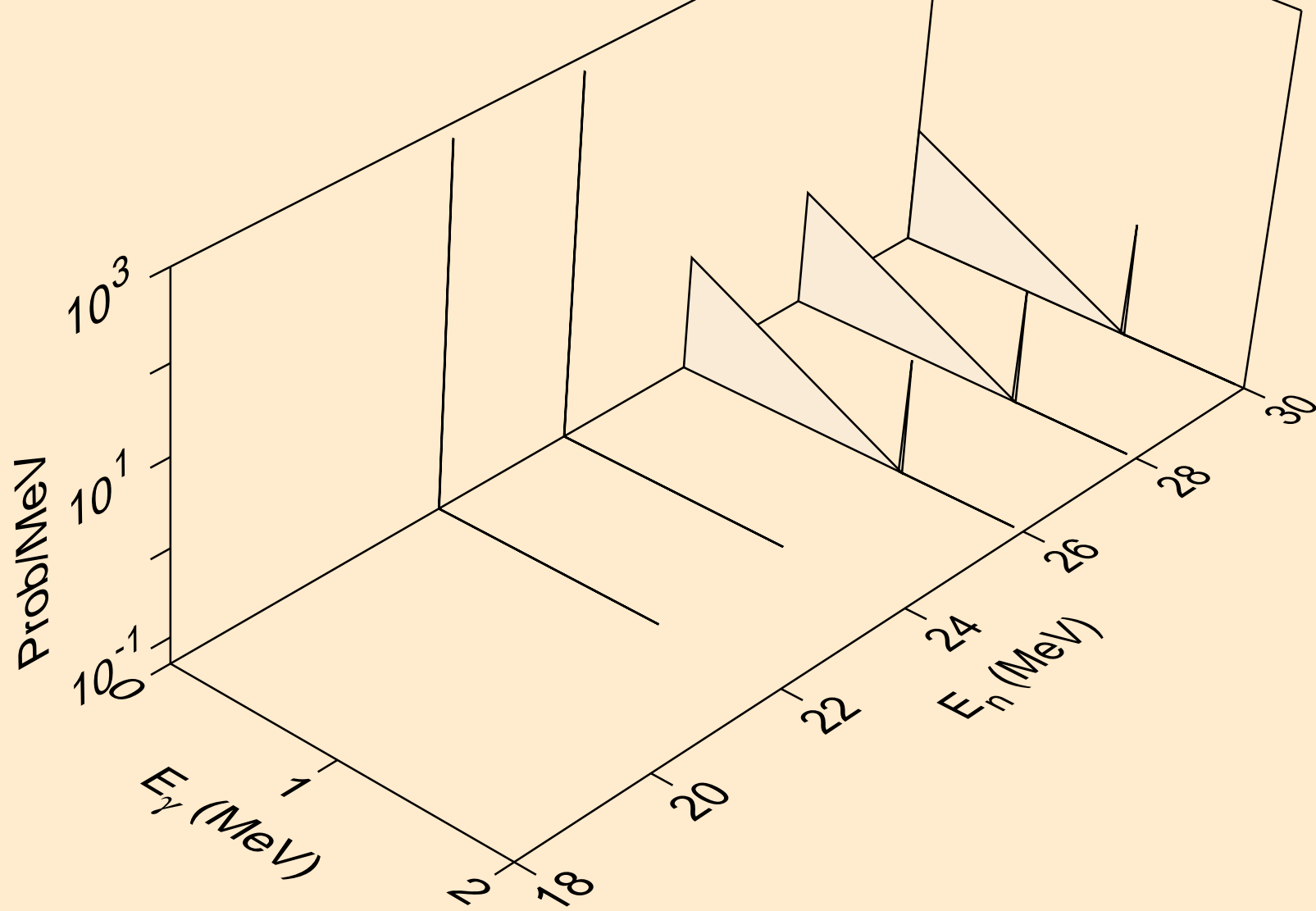
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



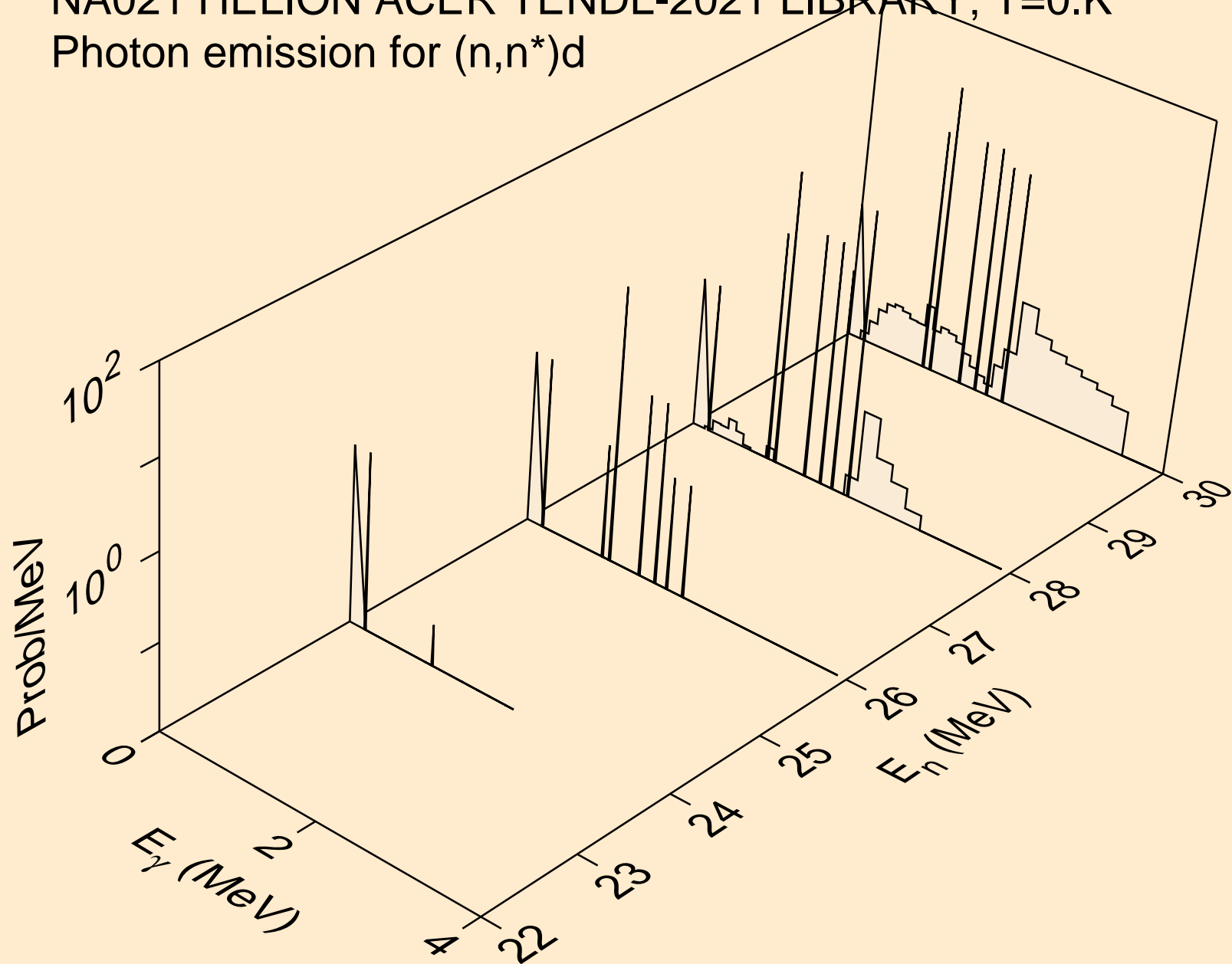
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



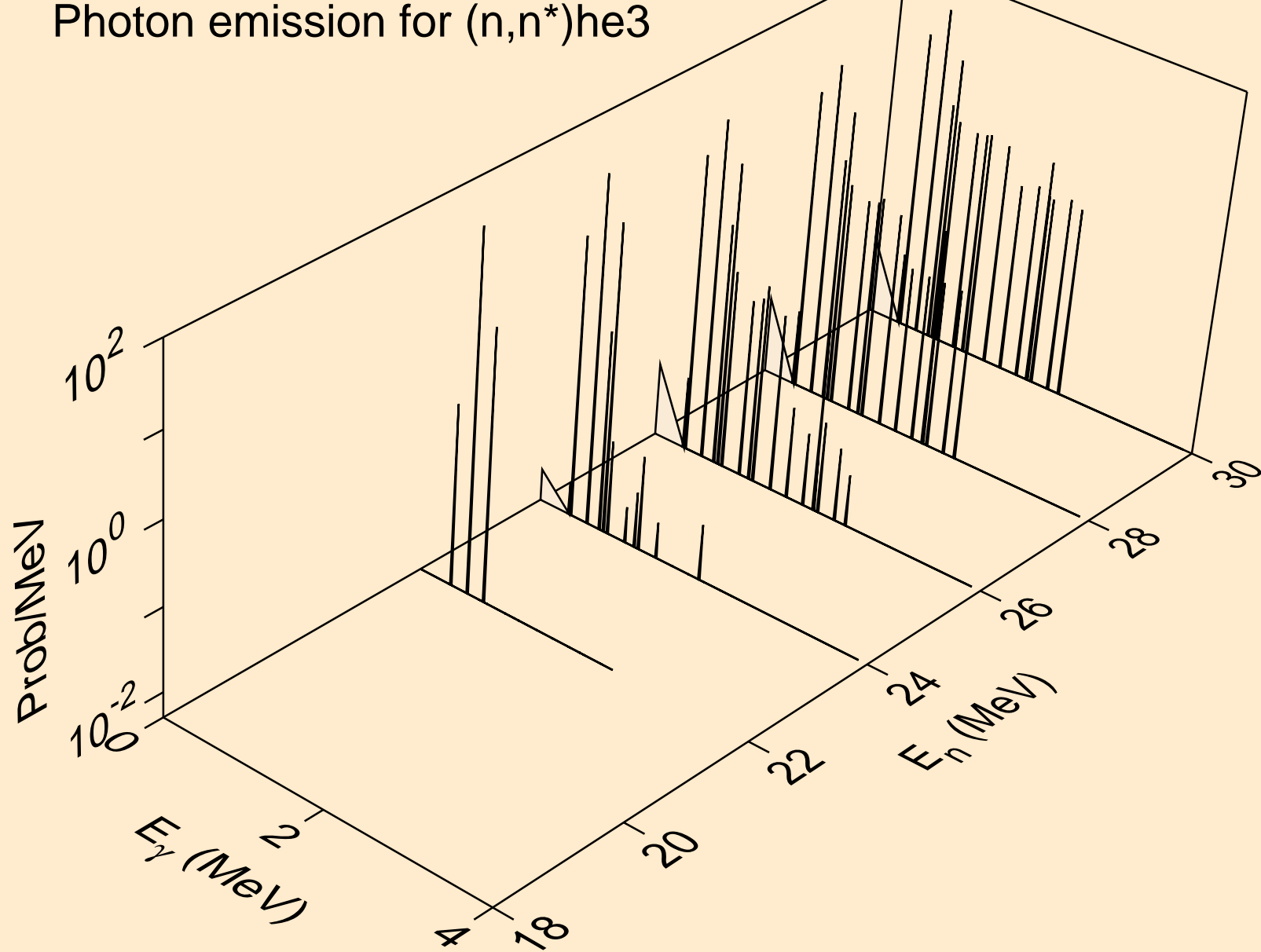
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



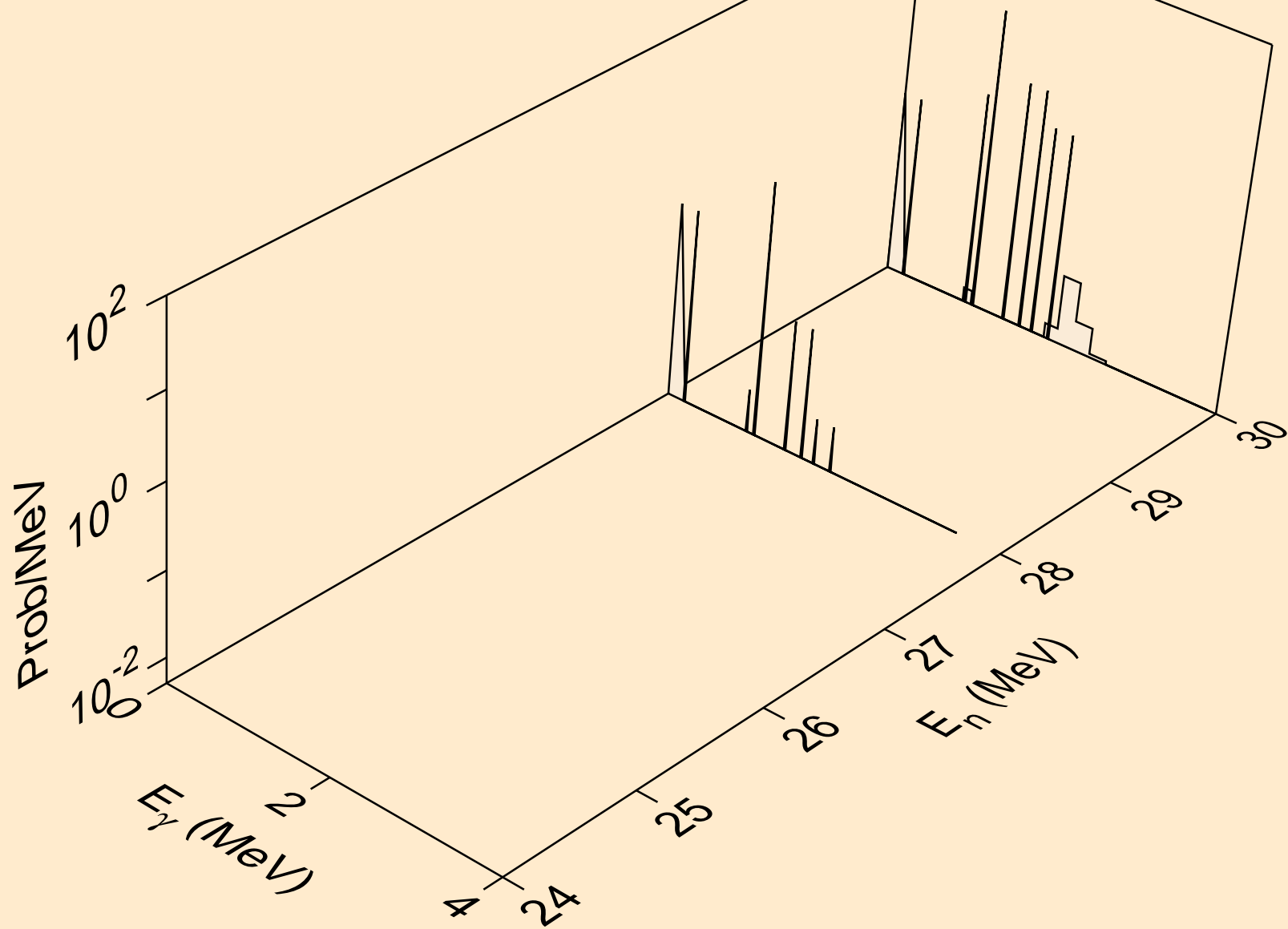
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

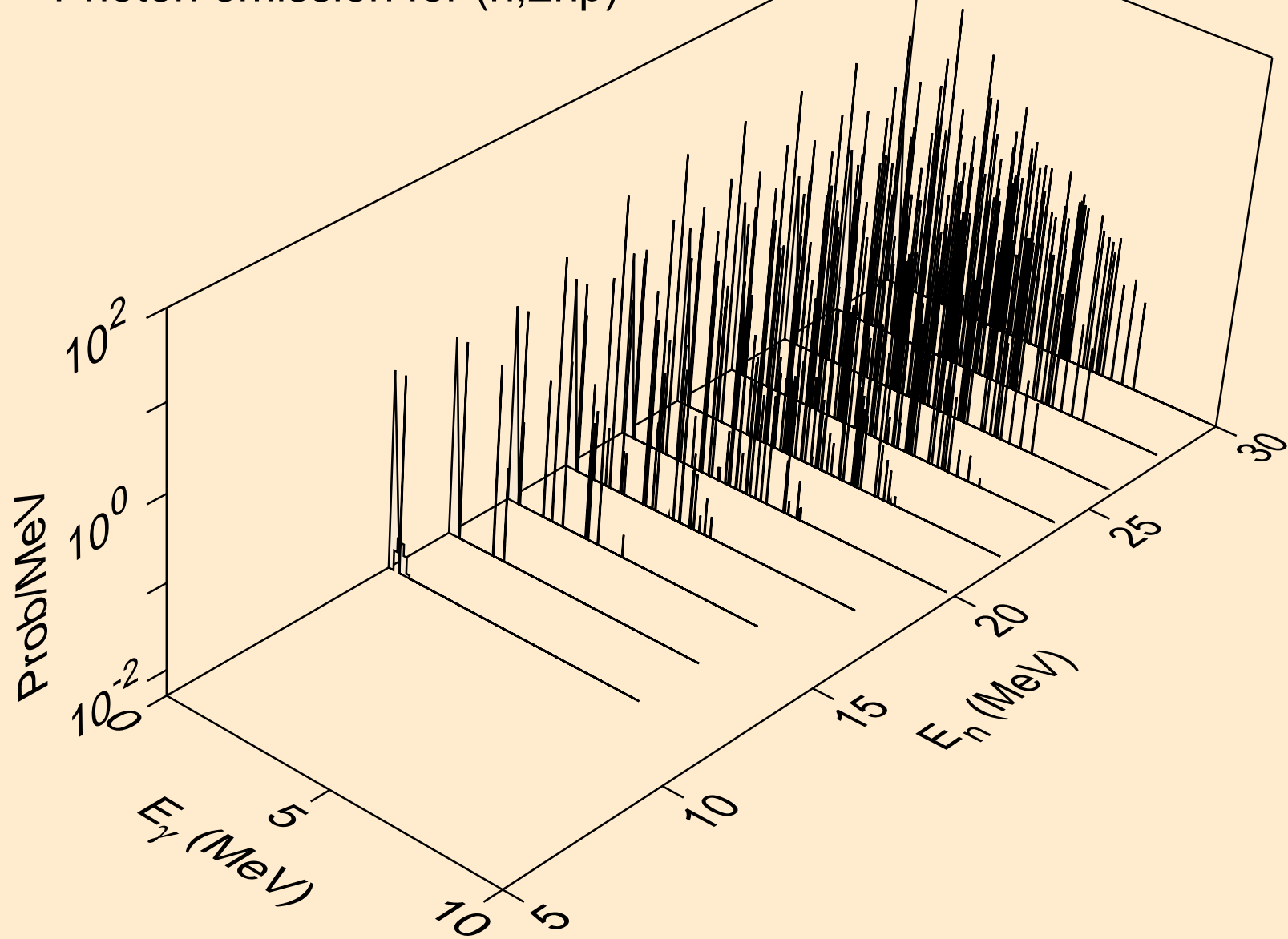


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Photon emission for (n,2np)

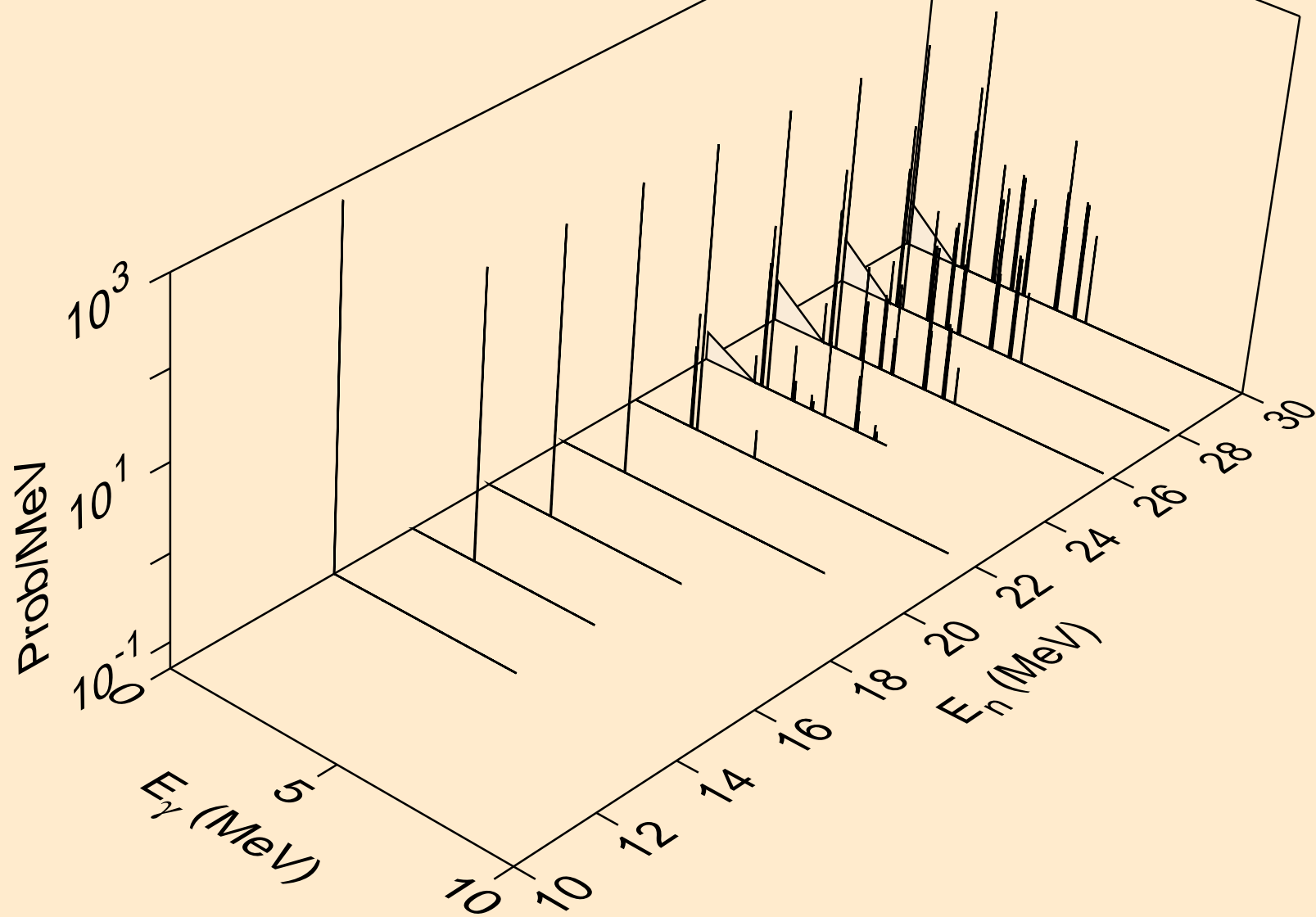




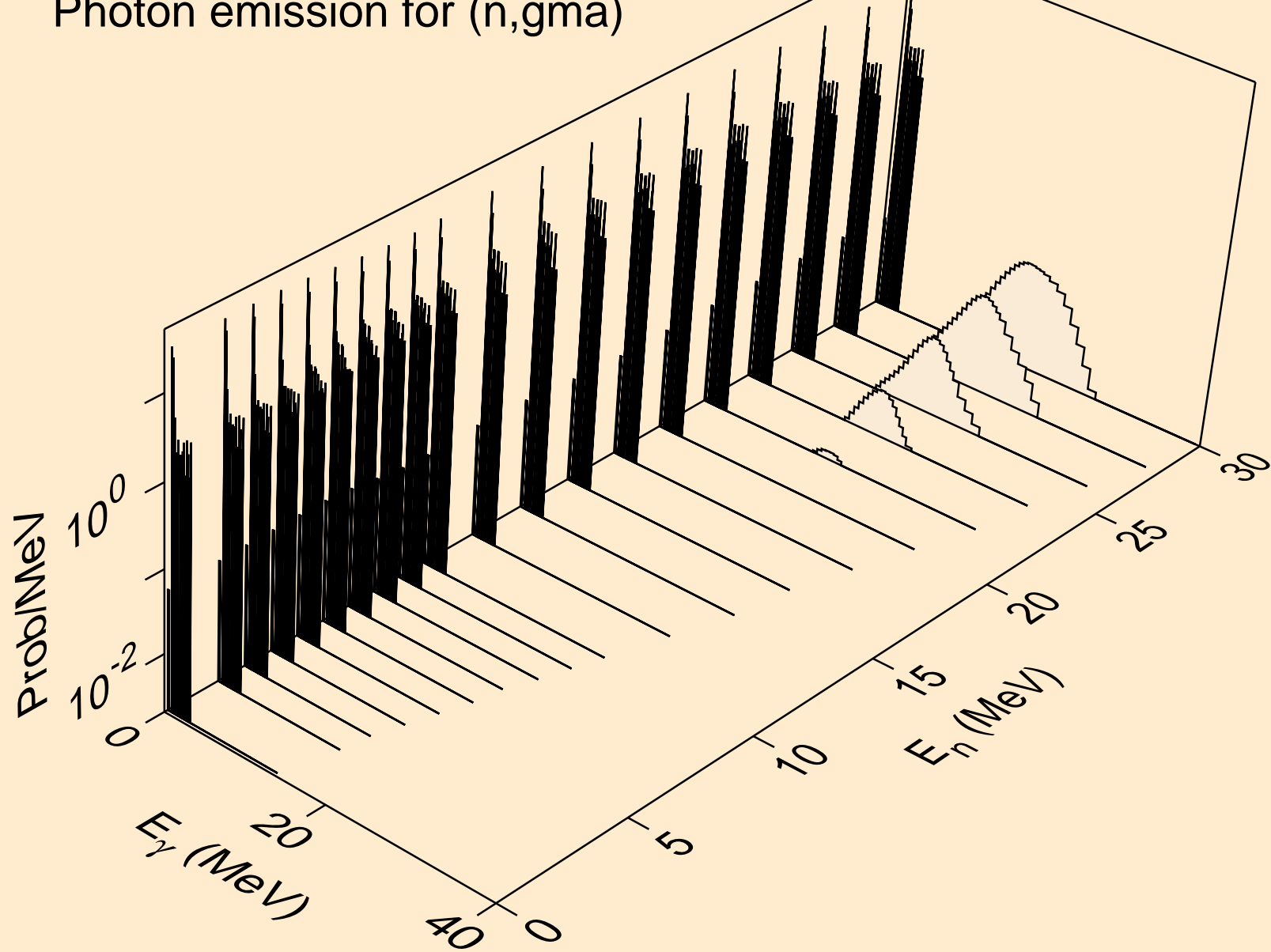
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Photon emission for (n,2np)



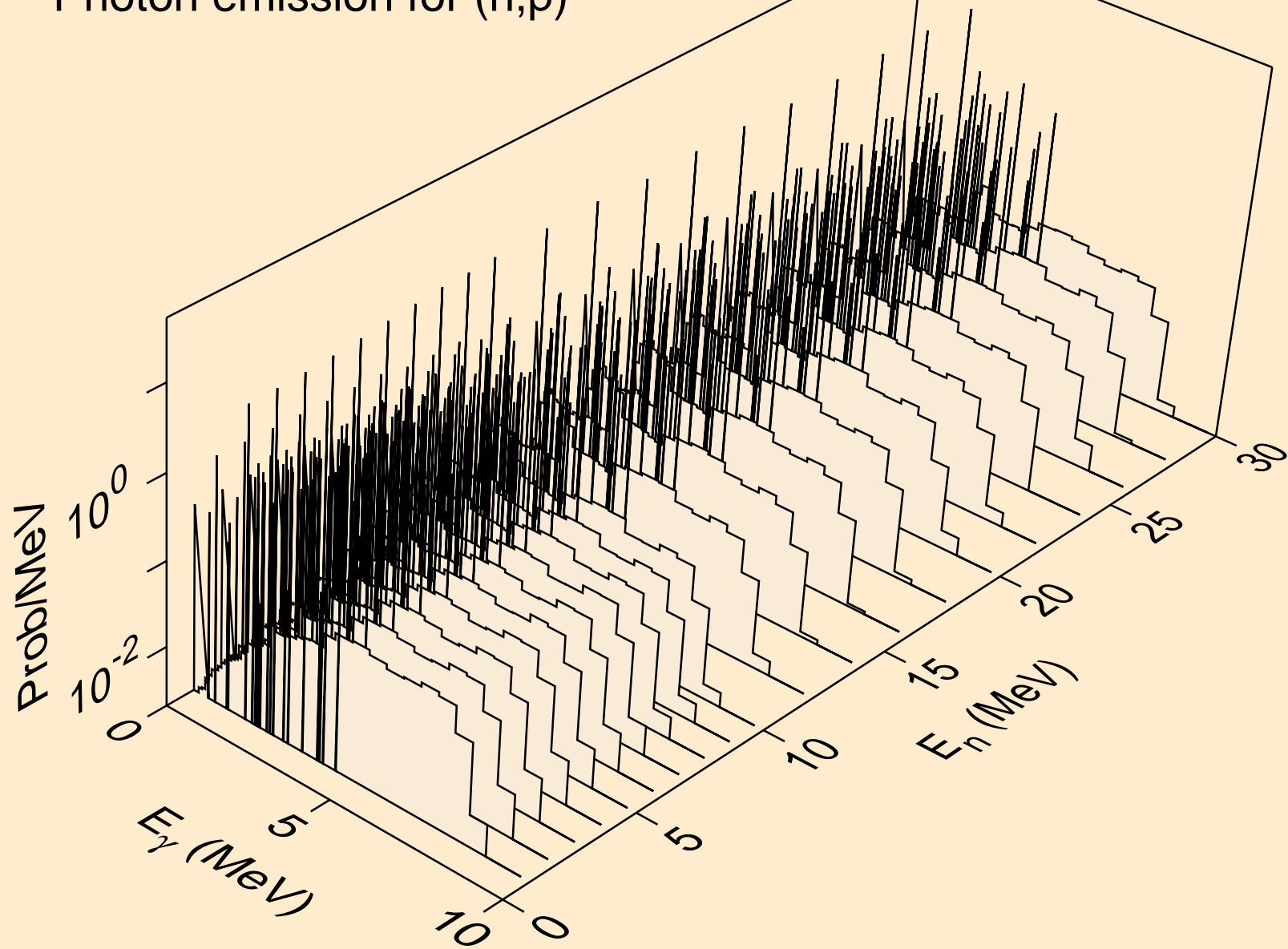
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Photon emission for (n,npa)



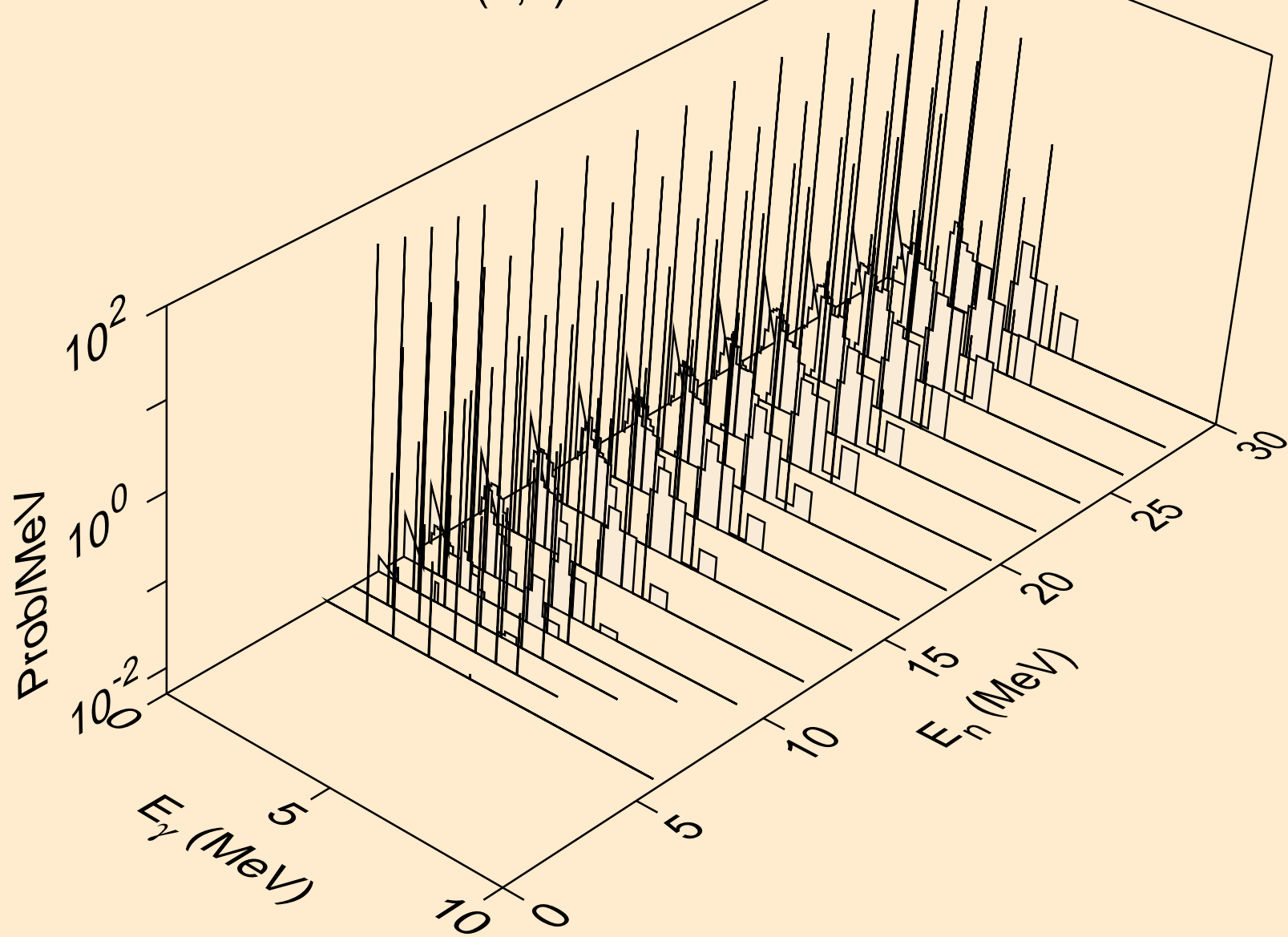
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Photon emission for (n,gma)



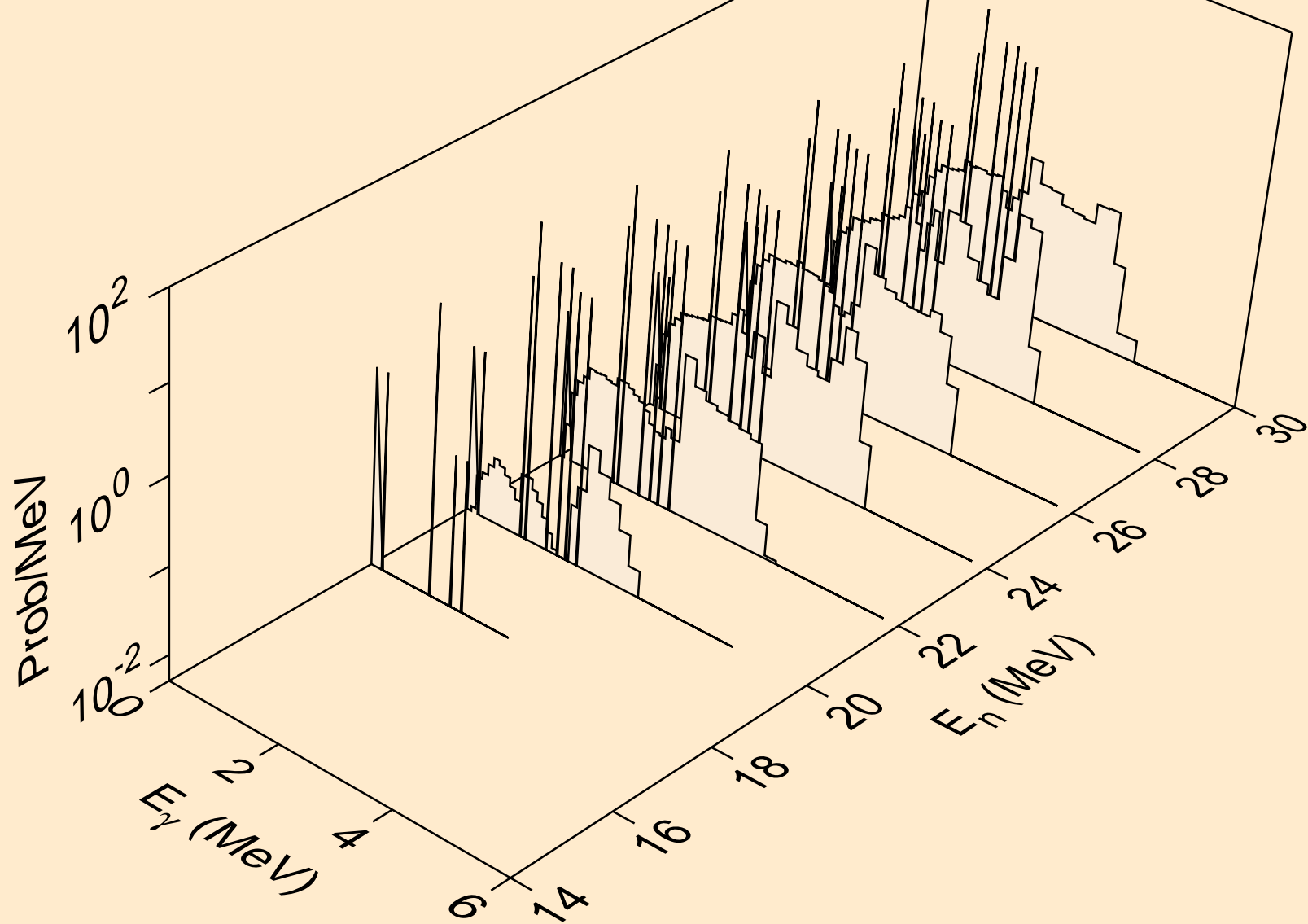
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Photon emission for (n,p)



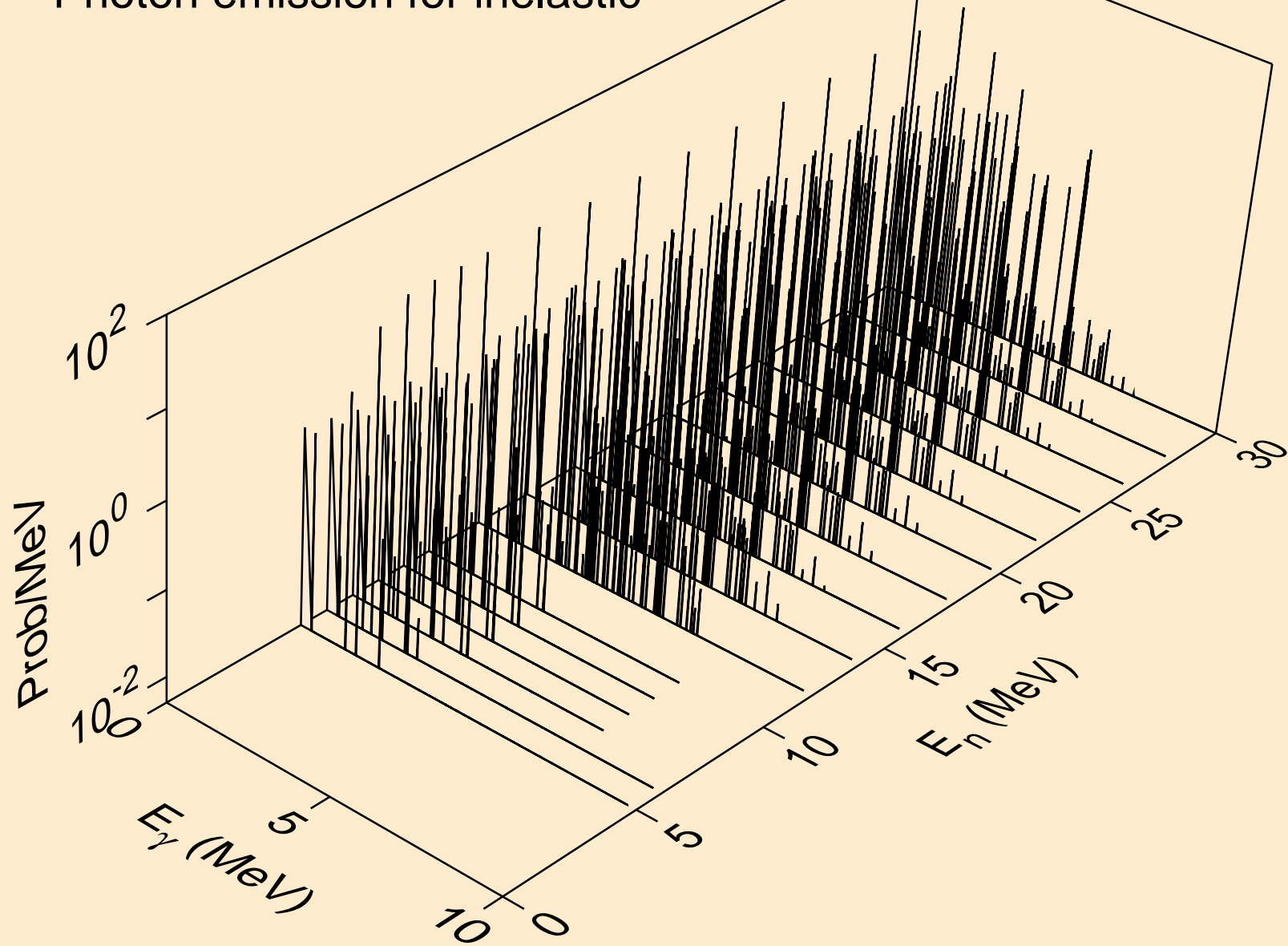
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Photon emission for (n,d)



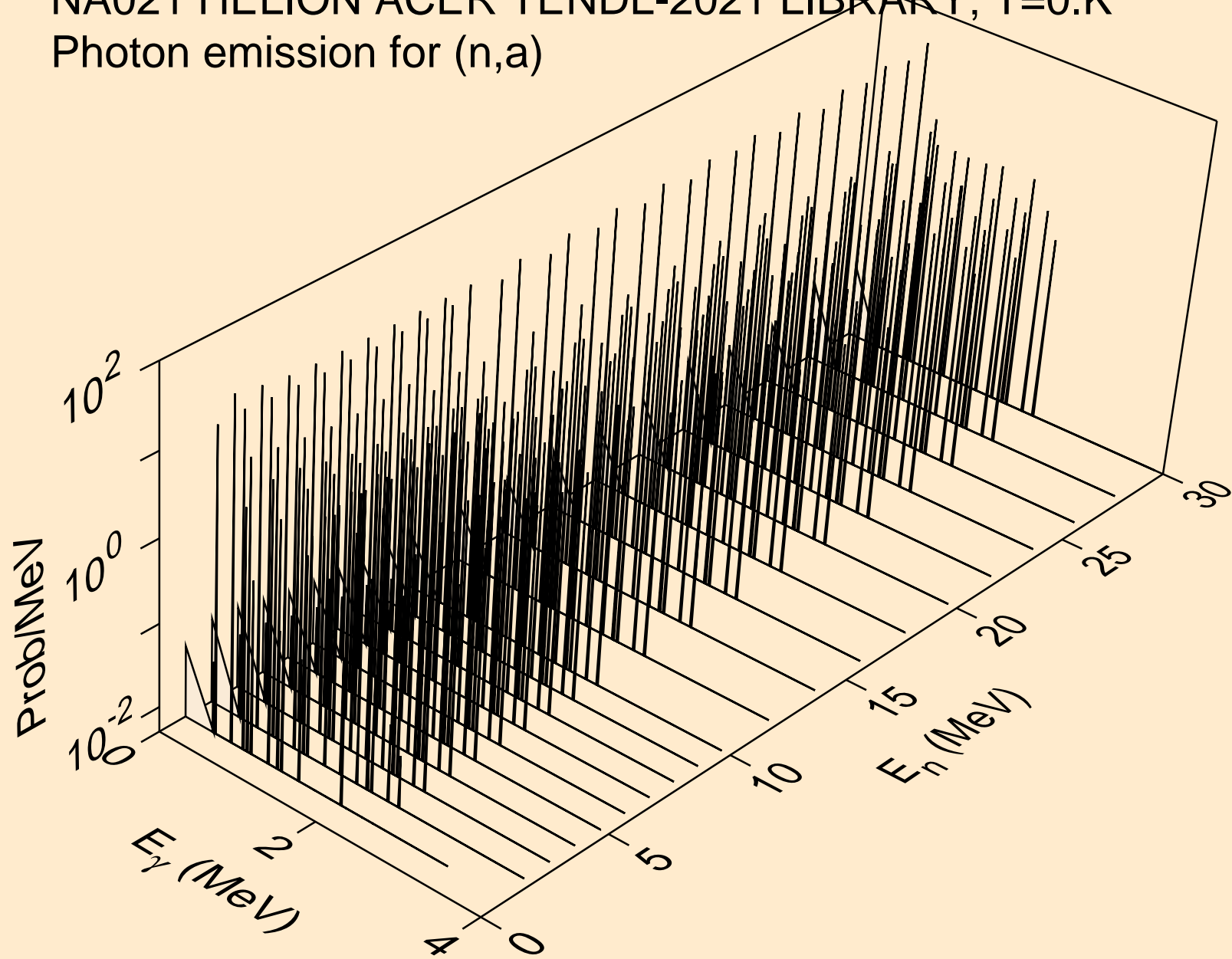
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

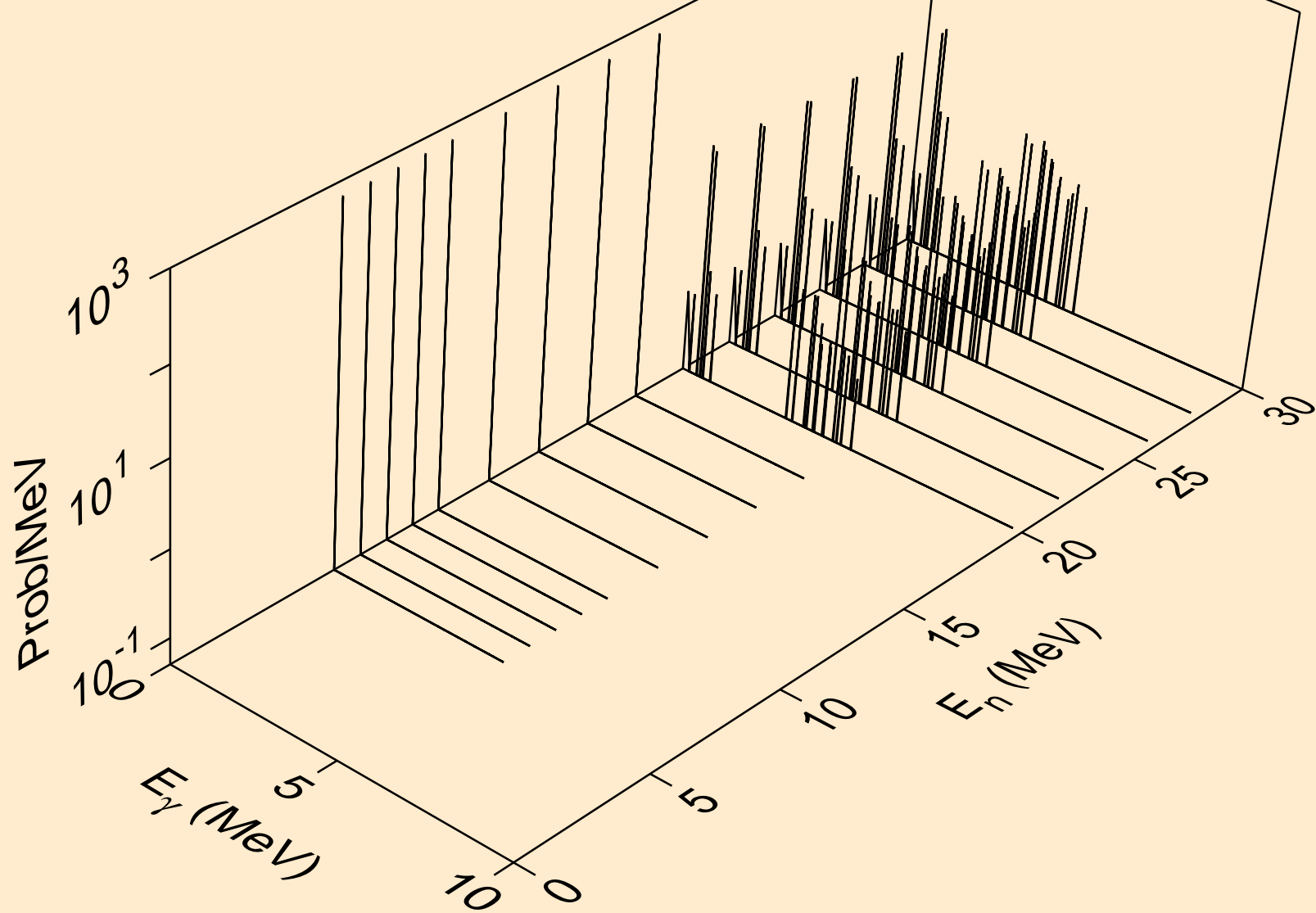


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Photon emission for (n,a)

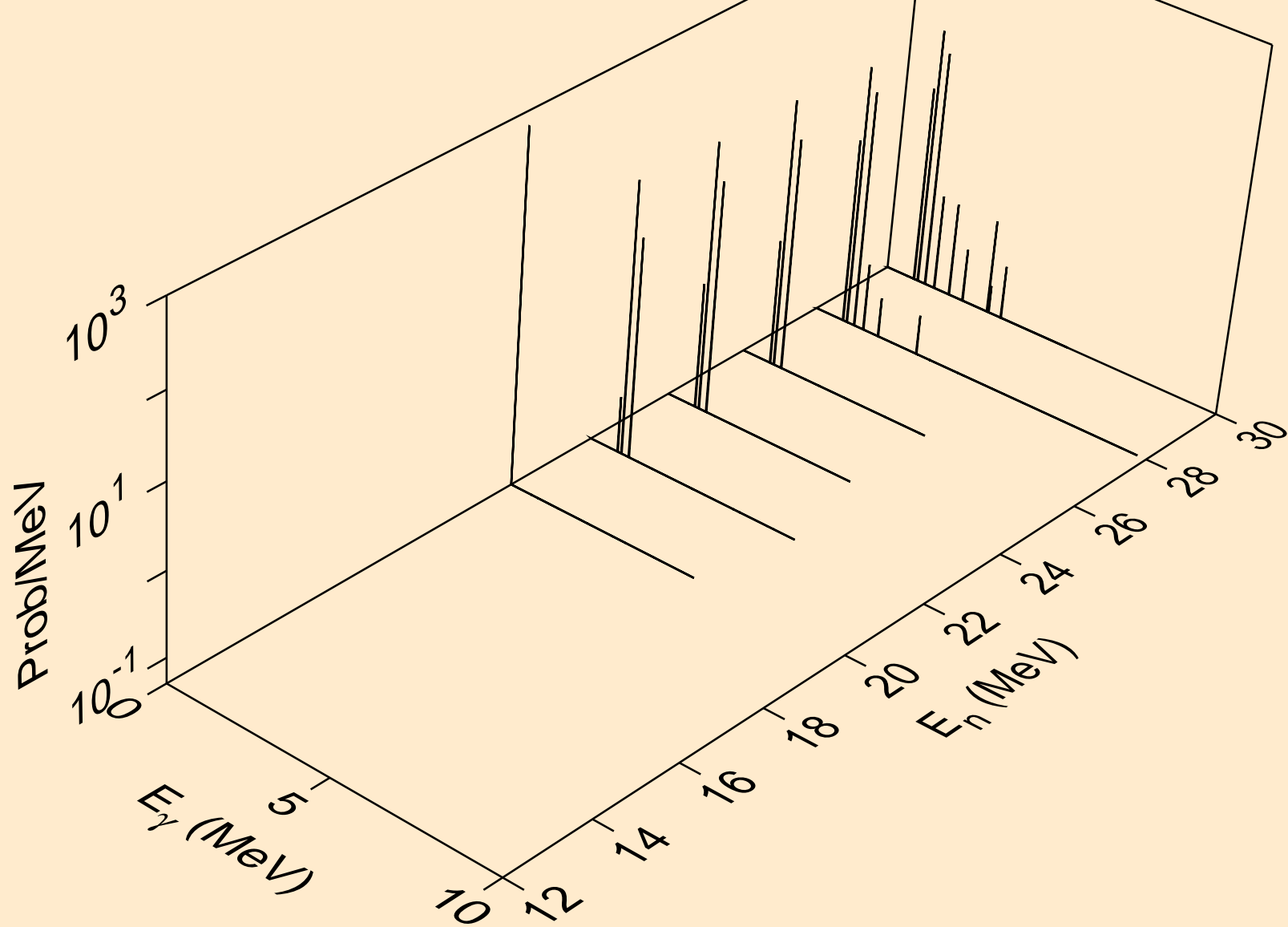




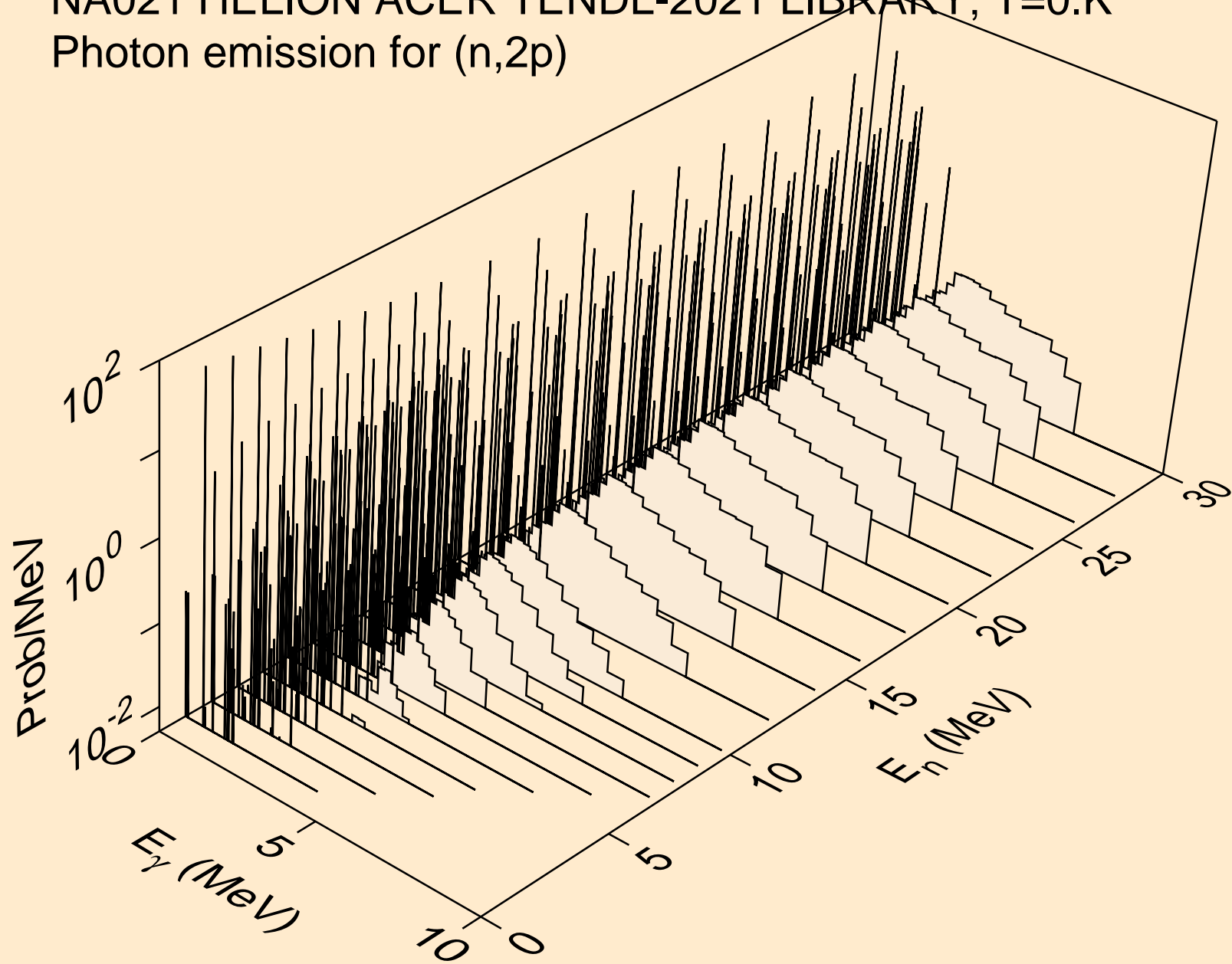
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Photon emission for (n,2a)



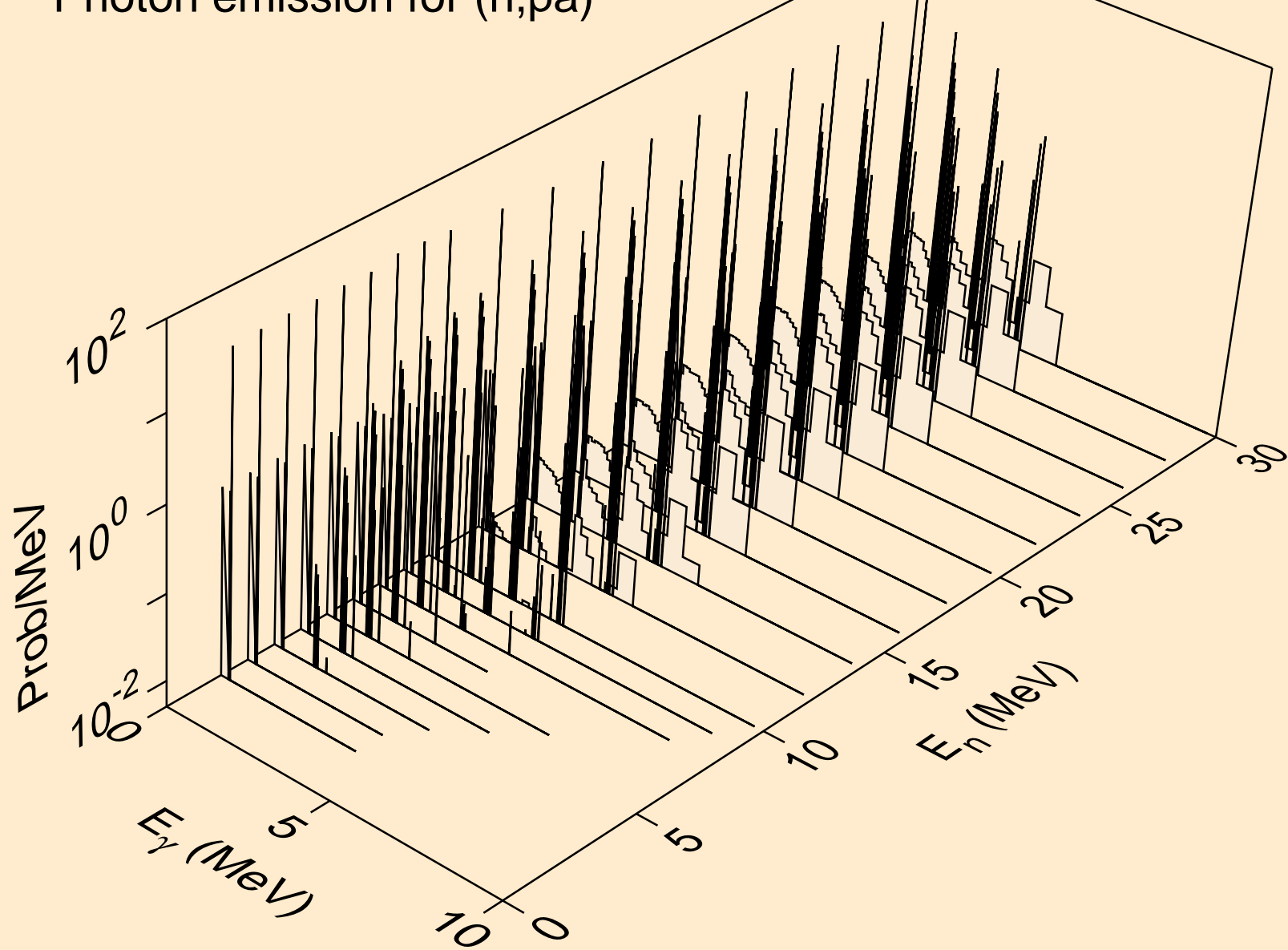
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)



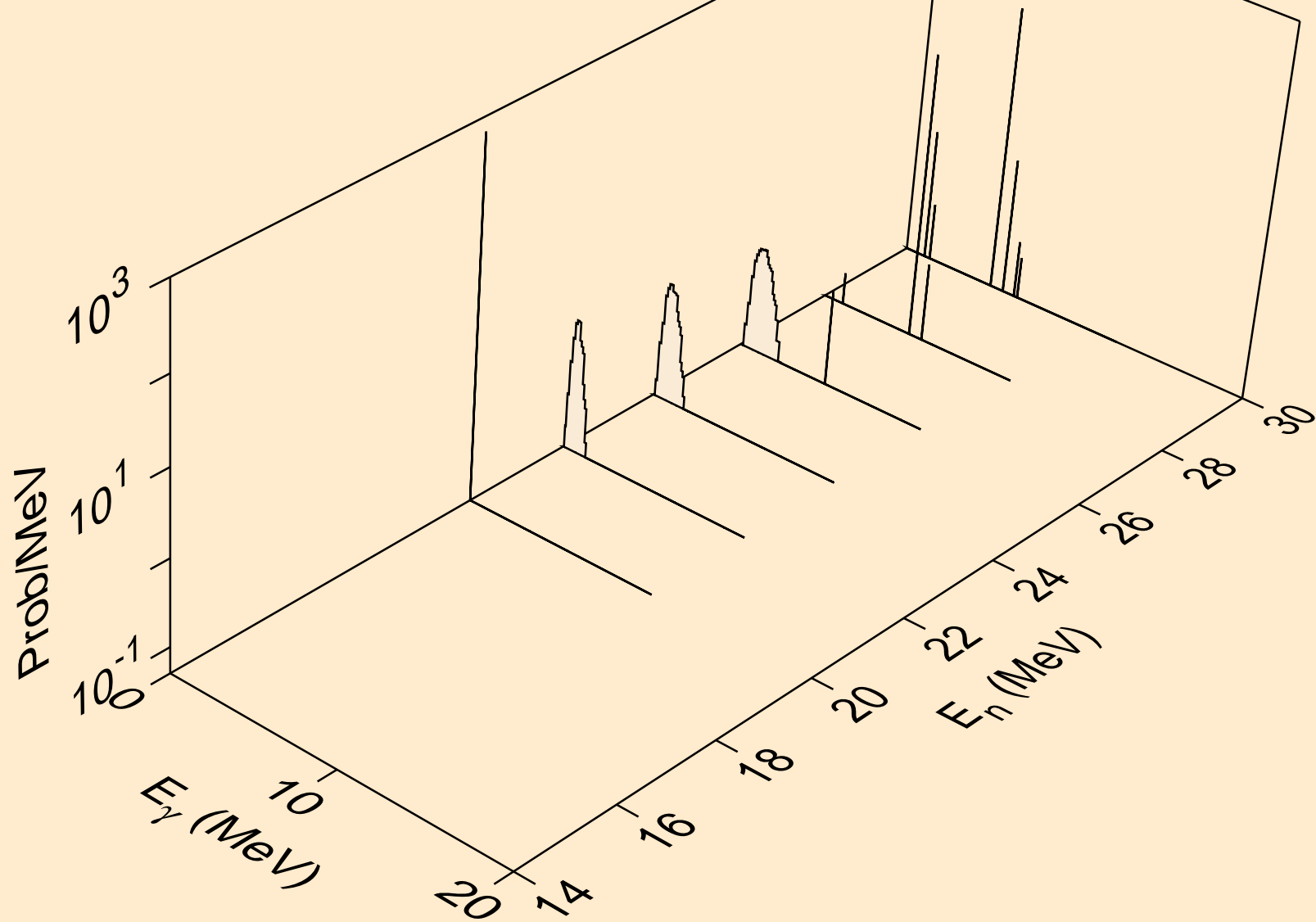
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Photon emission for (n,2p)



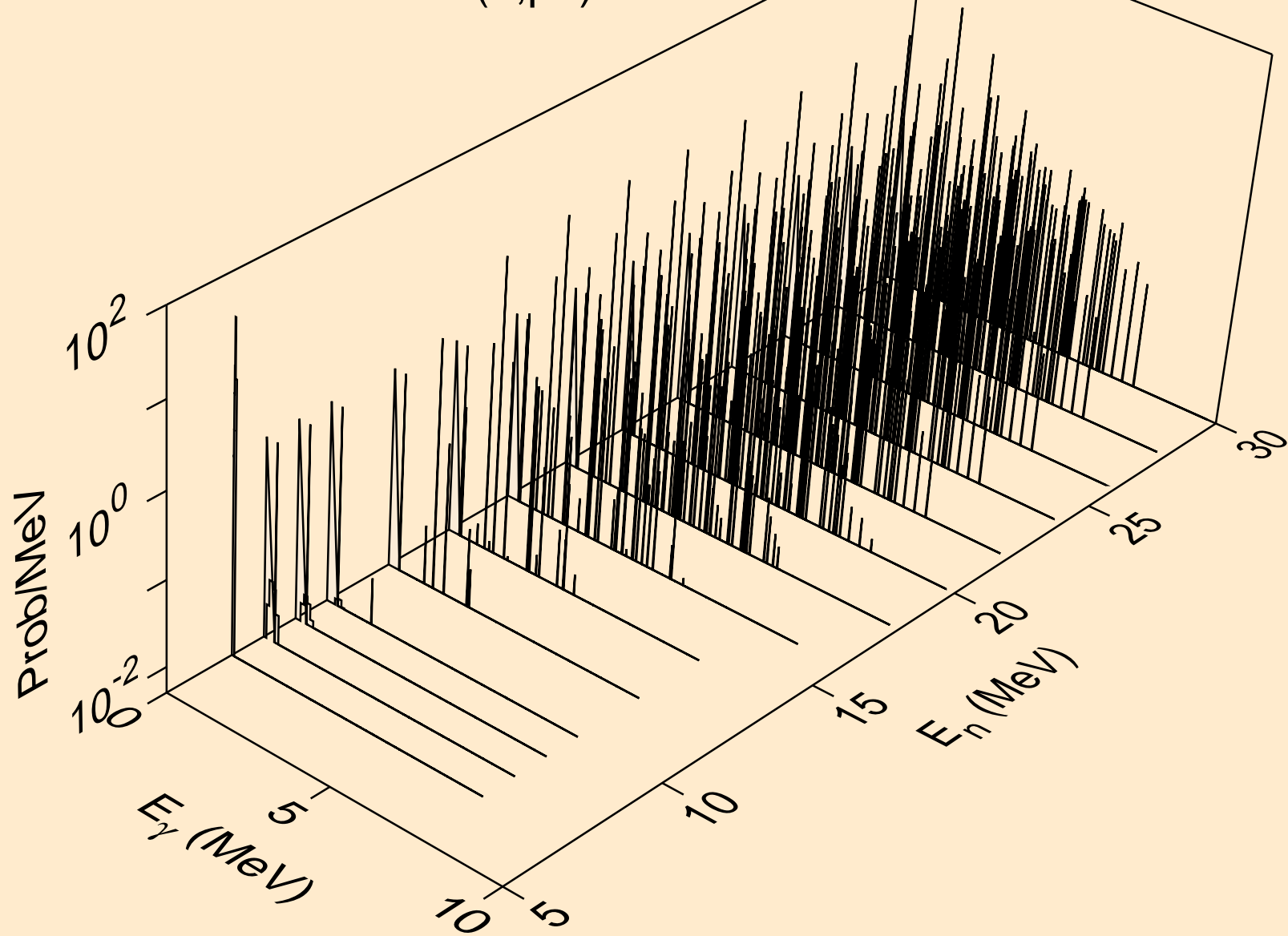
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Photon emission for (n,pa)



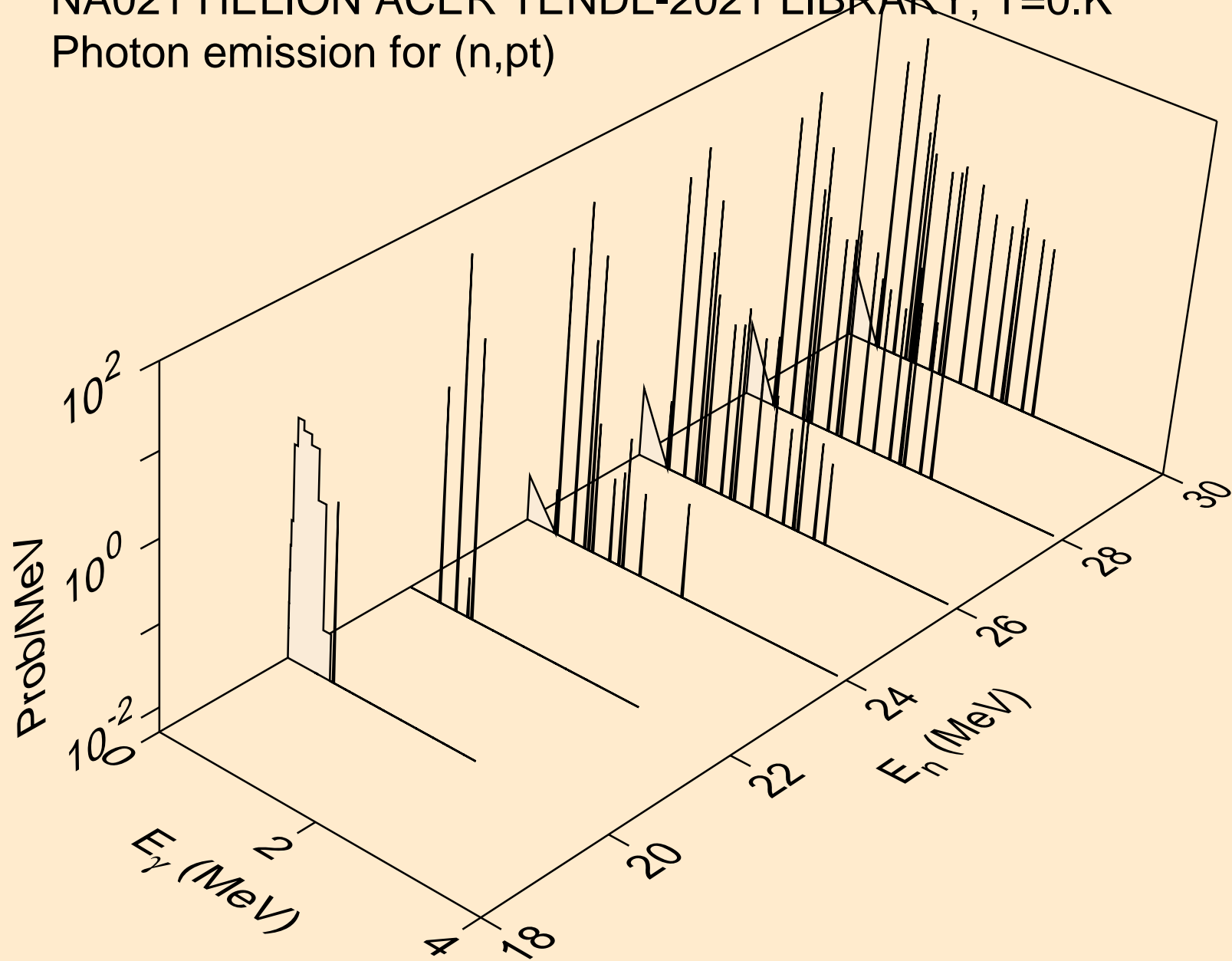
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Photon emission for (n,d2a)



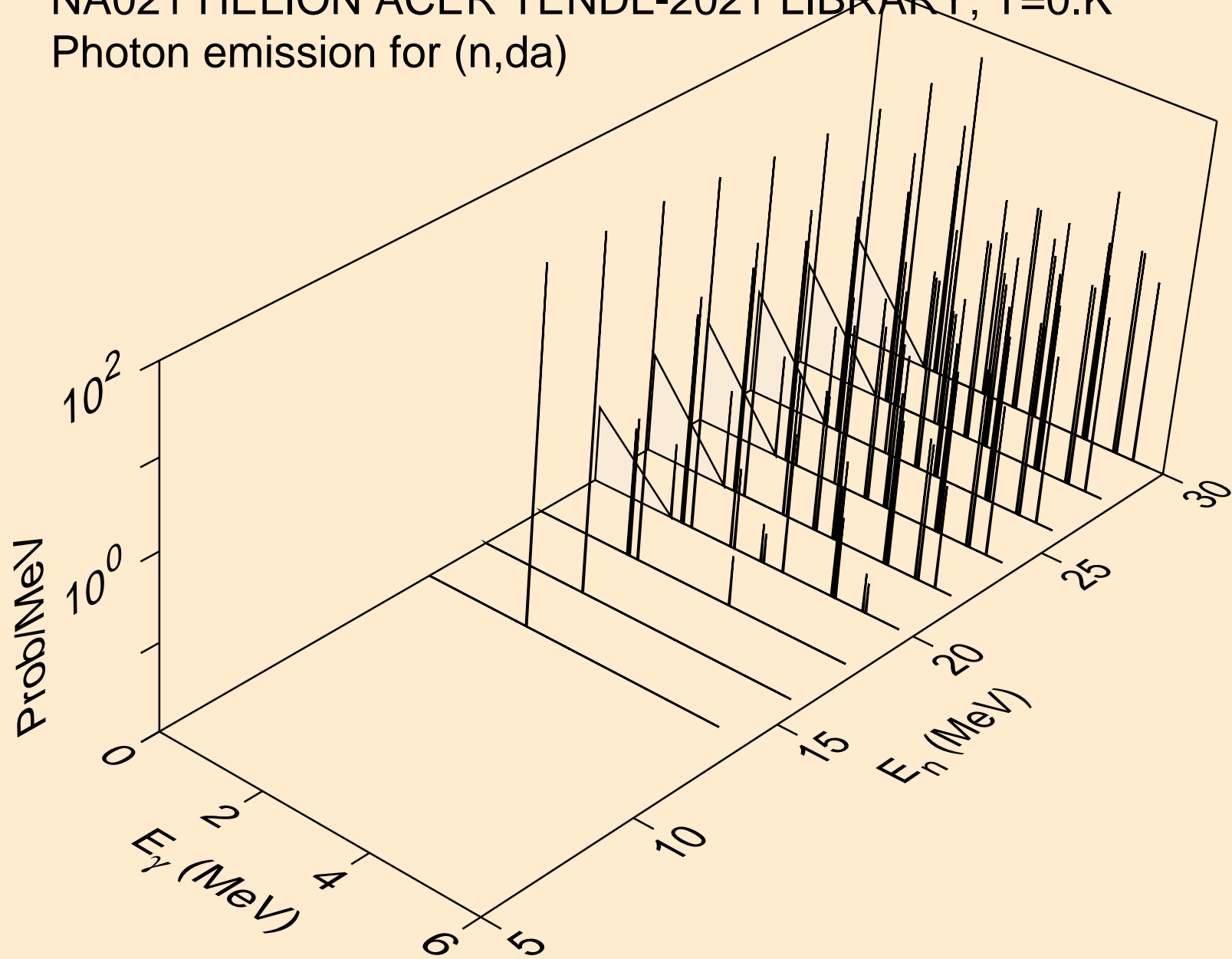
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



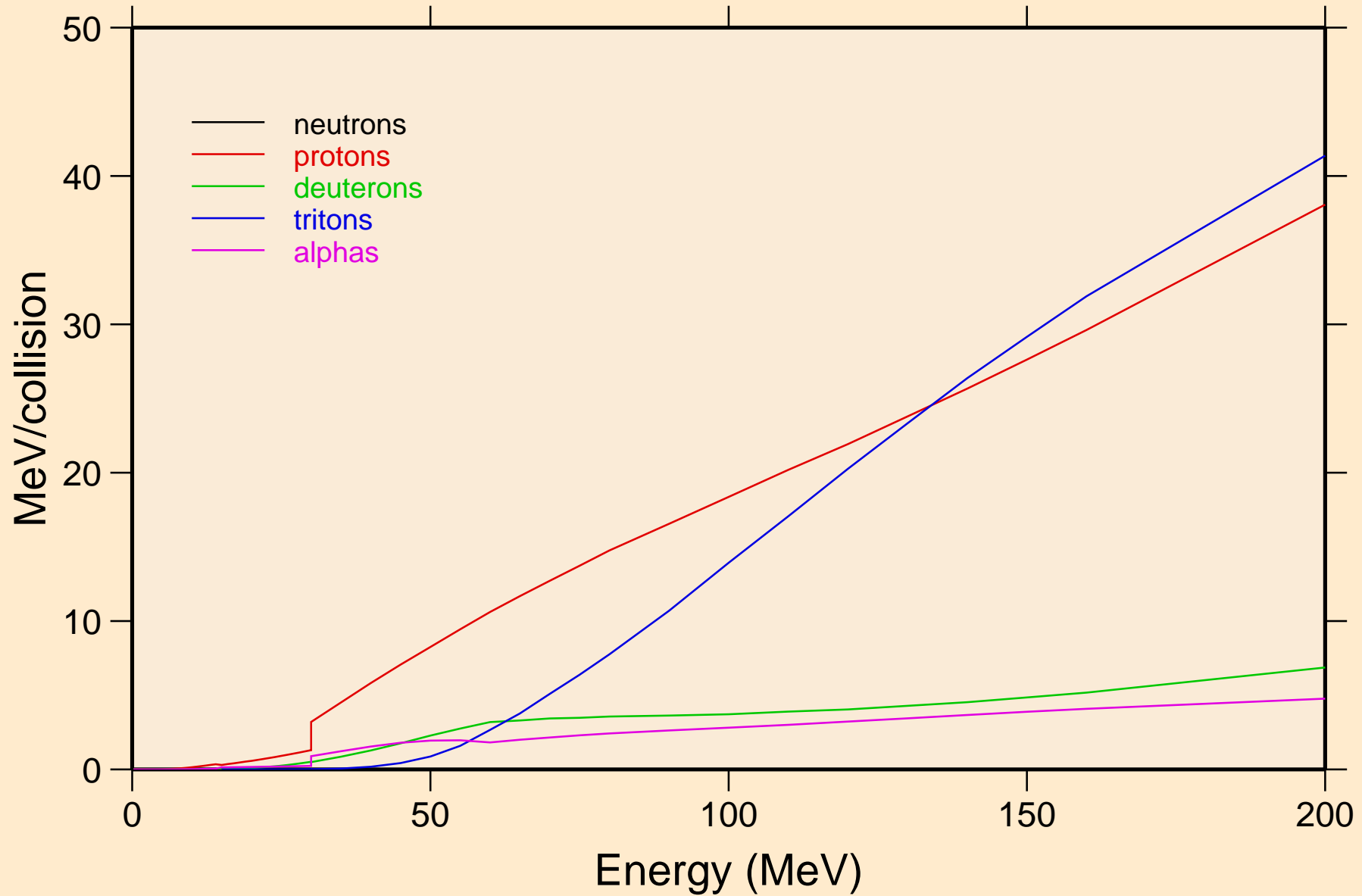
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Photon emission for (n,da)



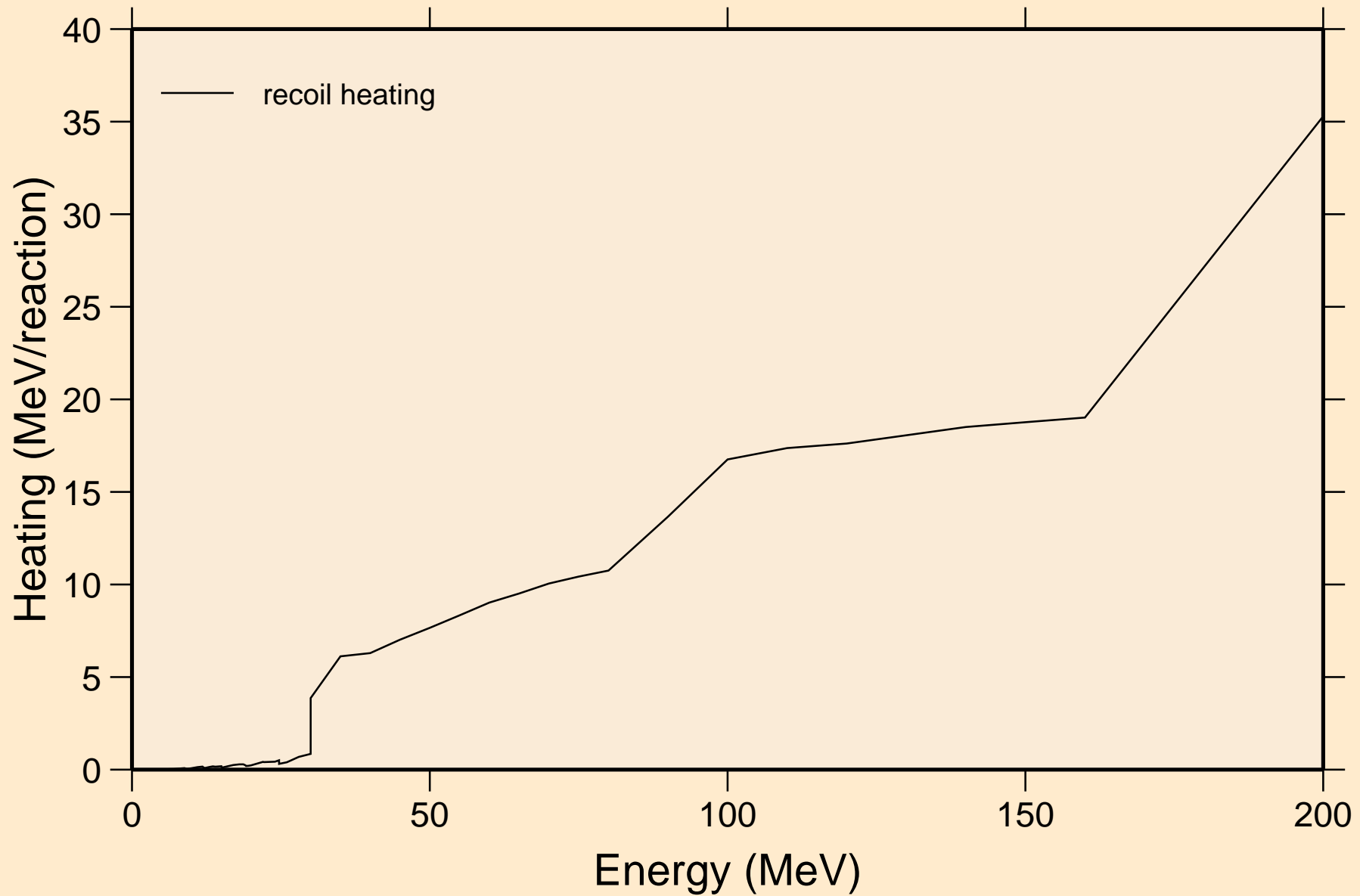


# NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K

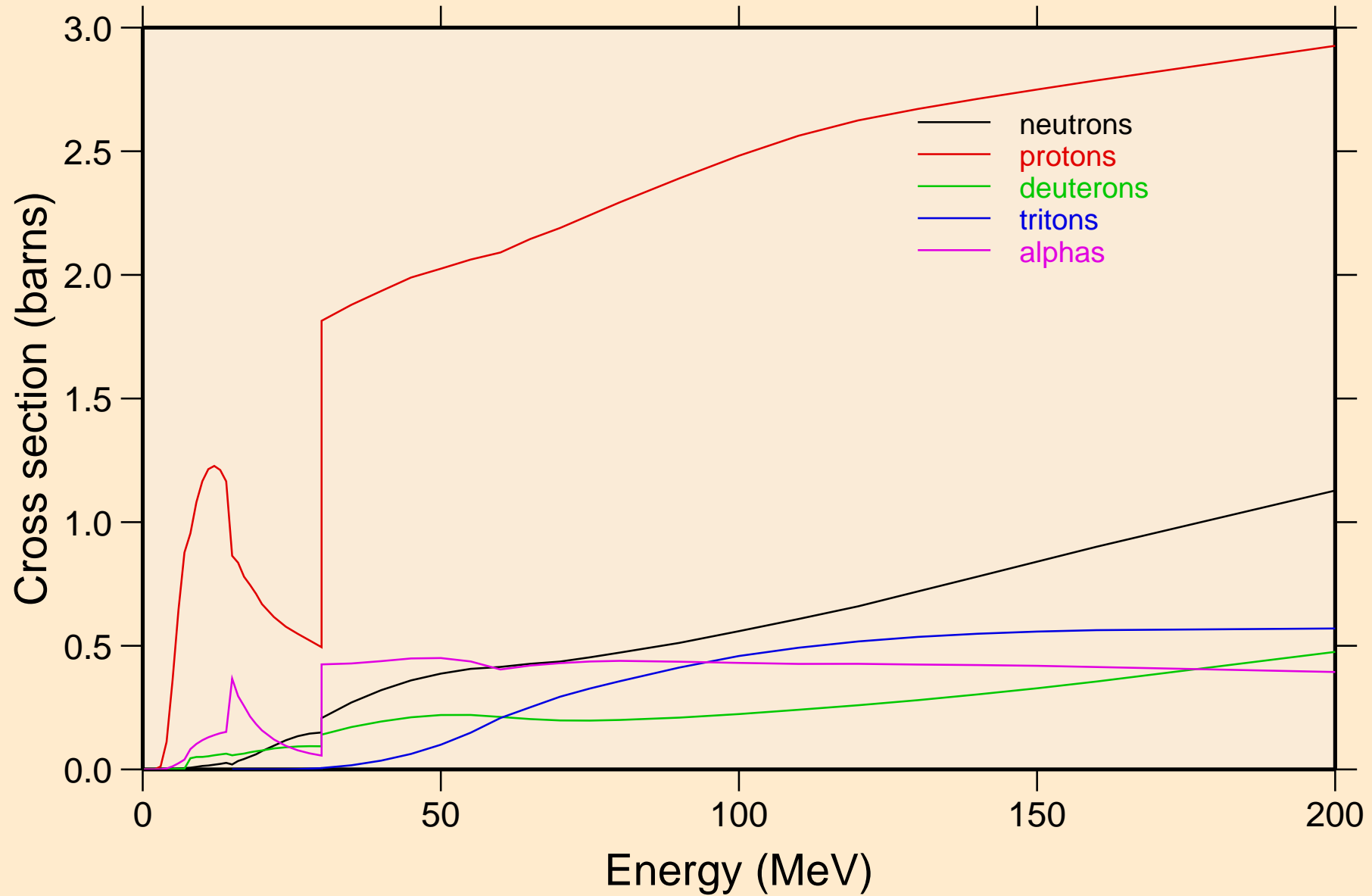
## Particle heating contributions



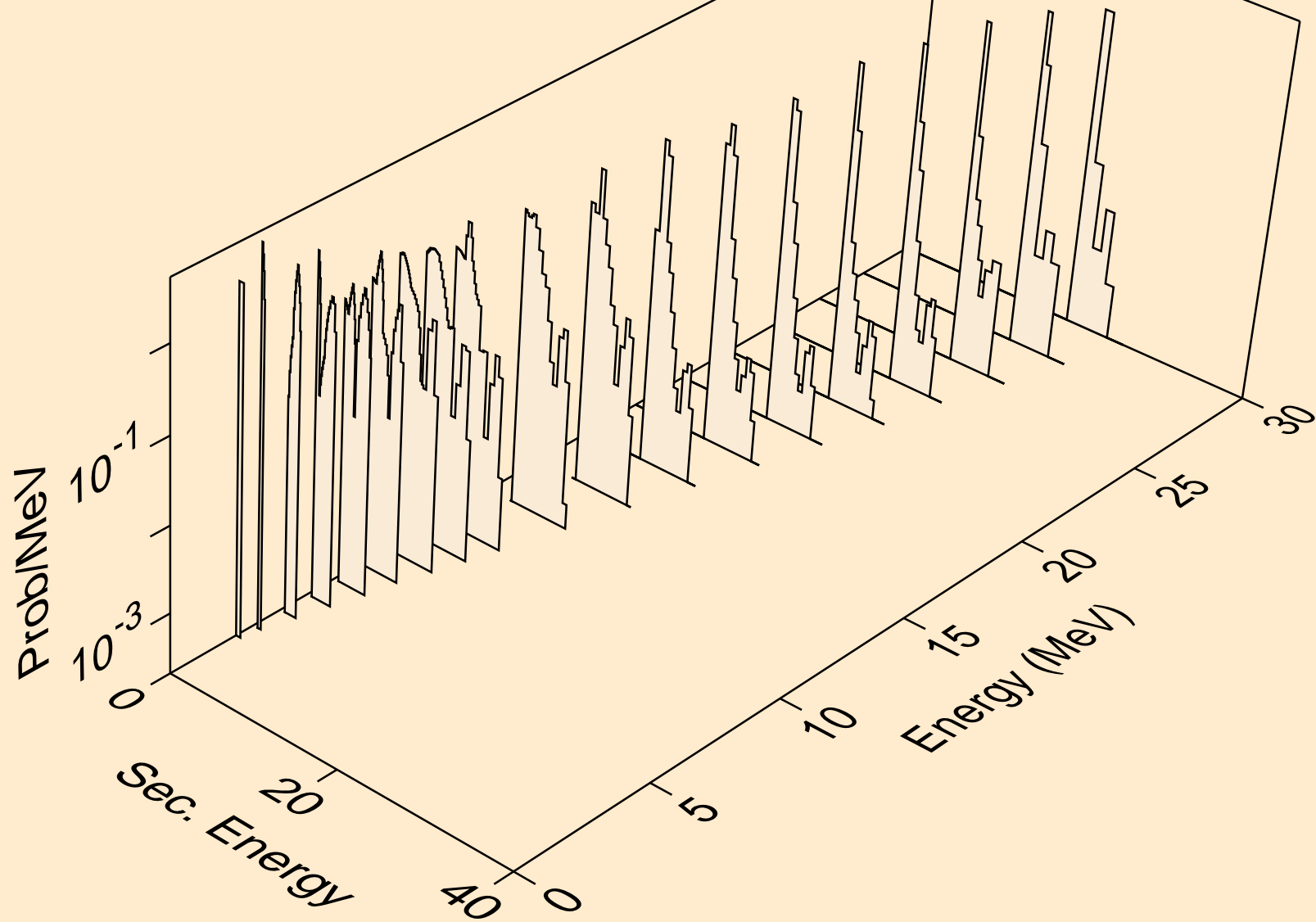
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Recoil Heating



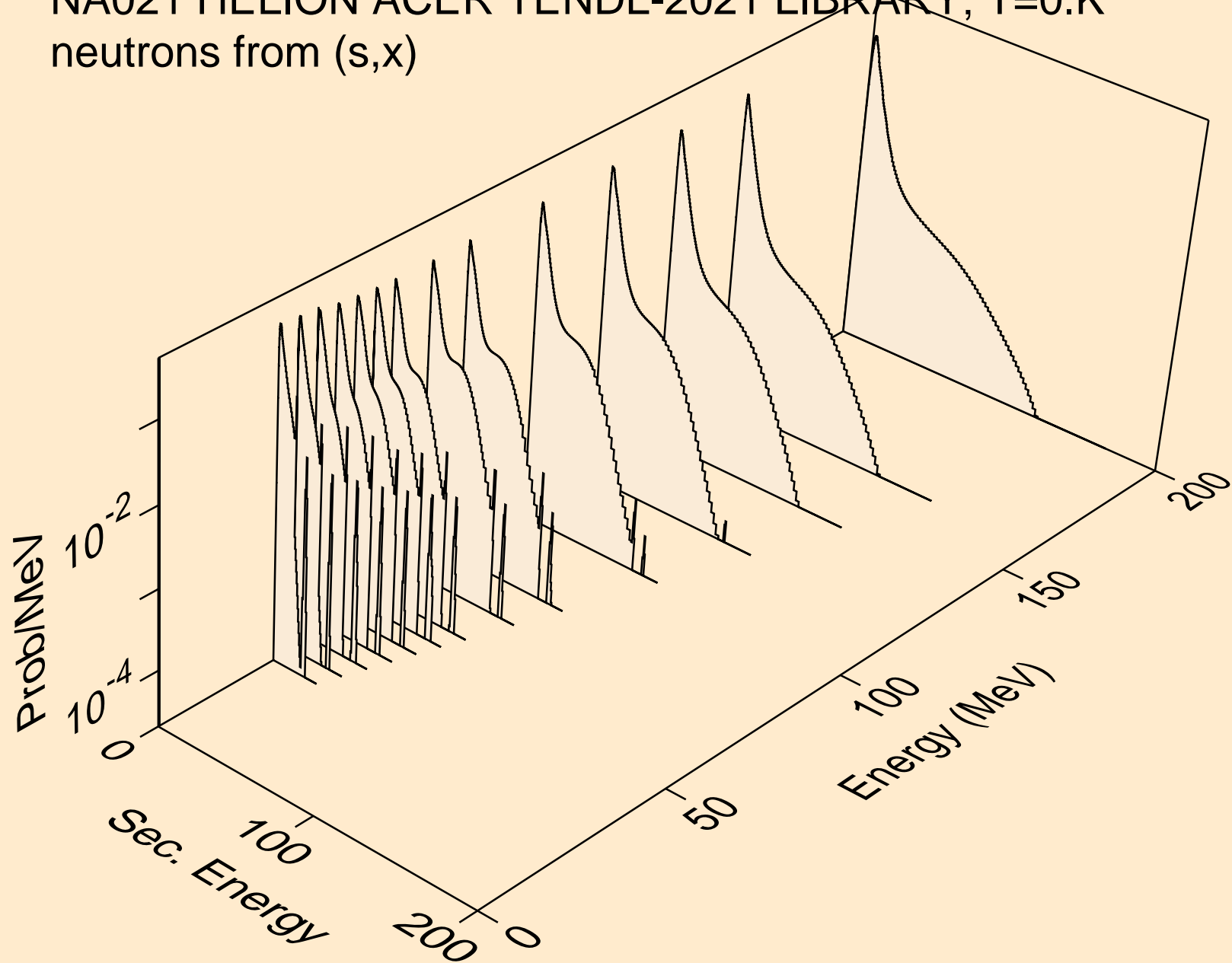
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



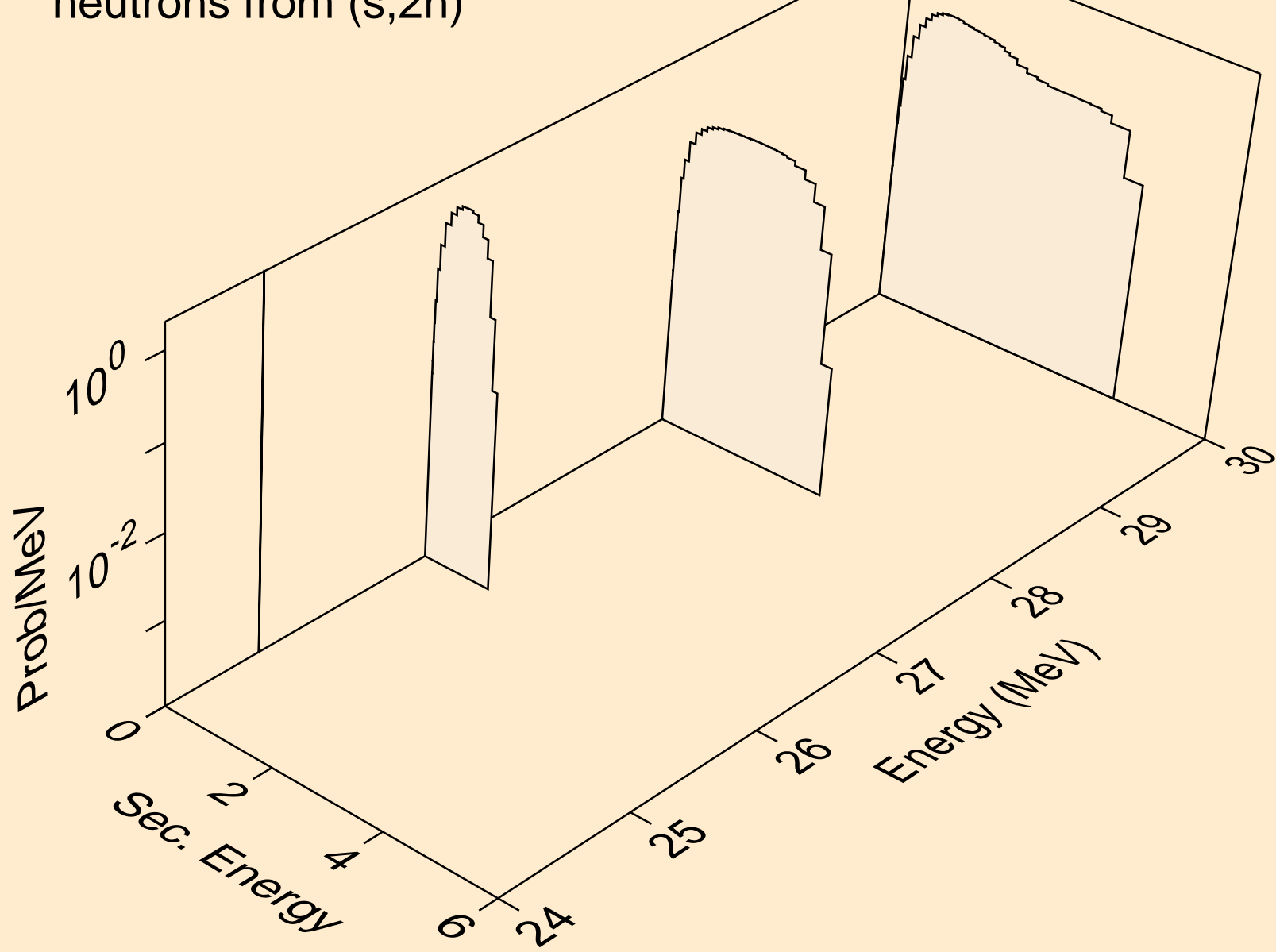
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



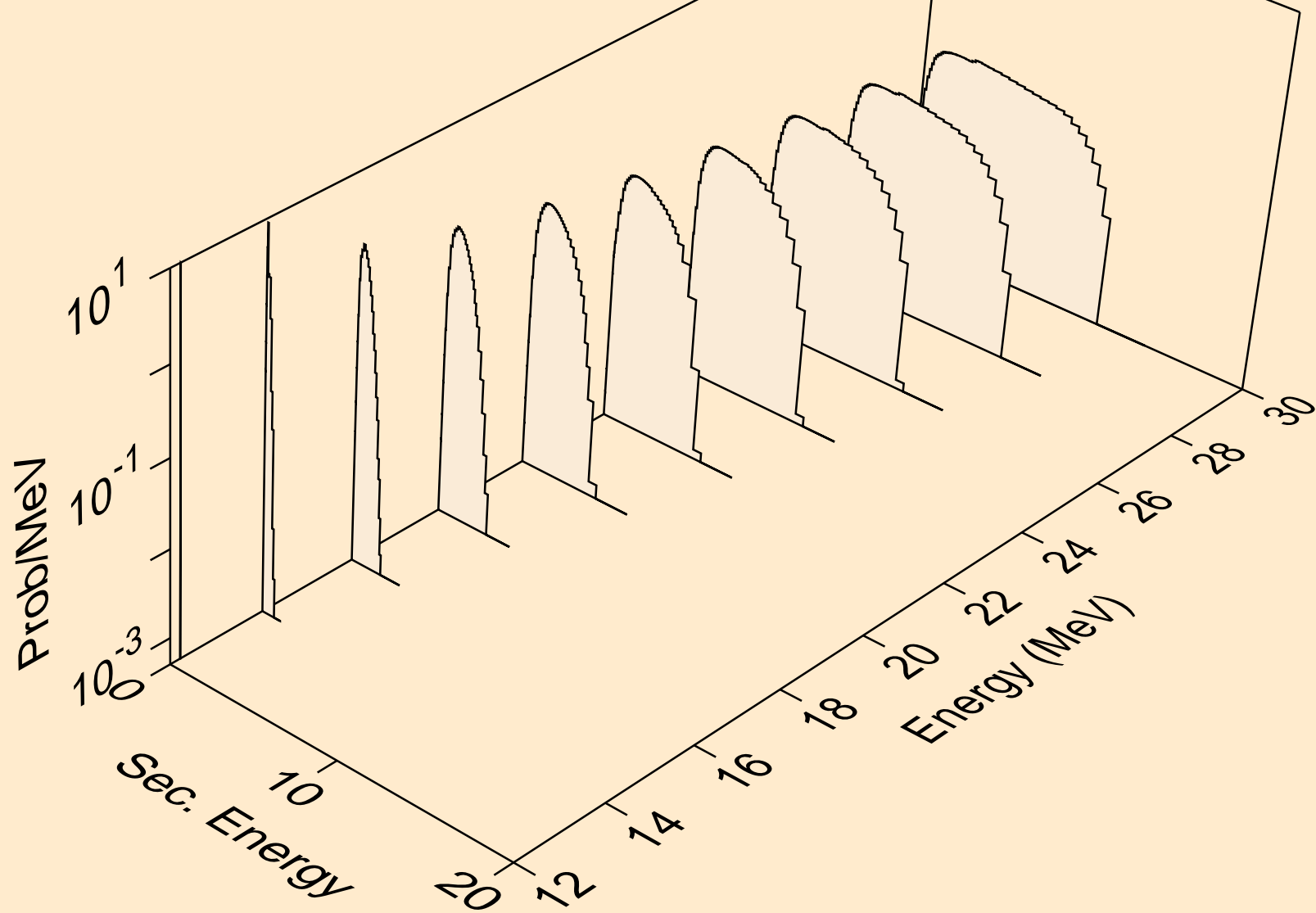
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neutrons from (s,x)



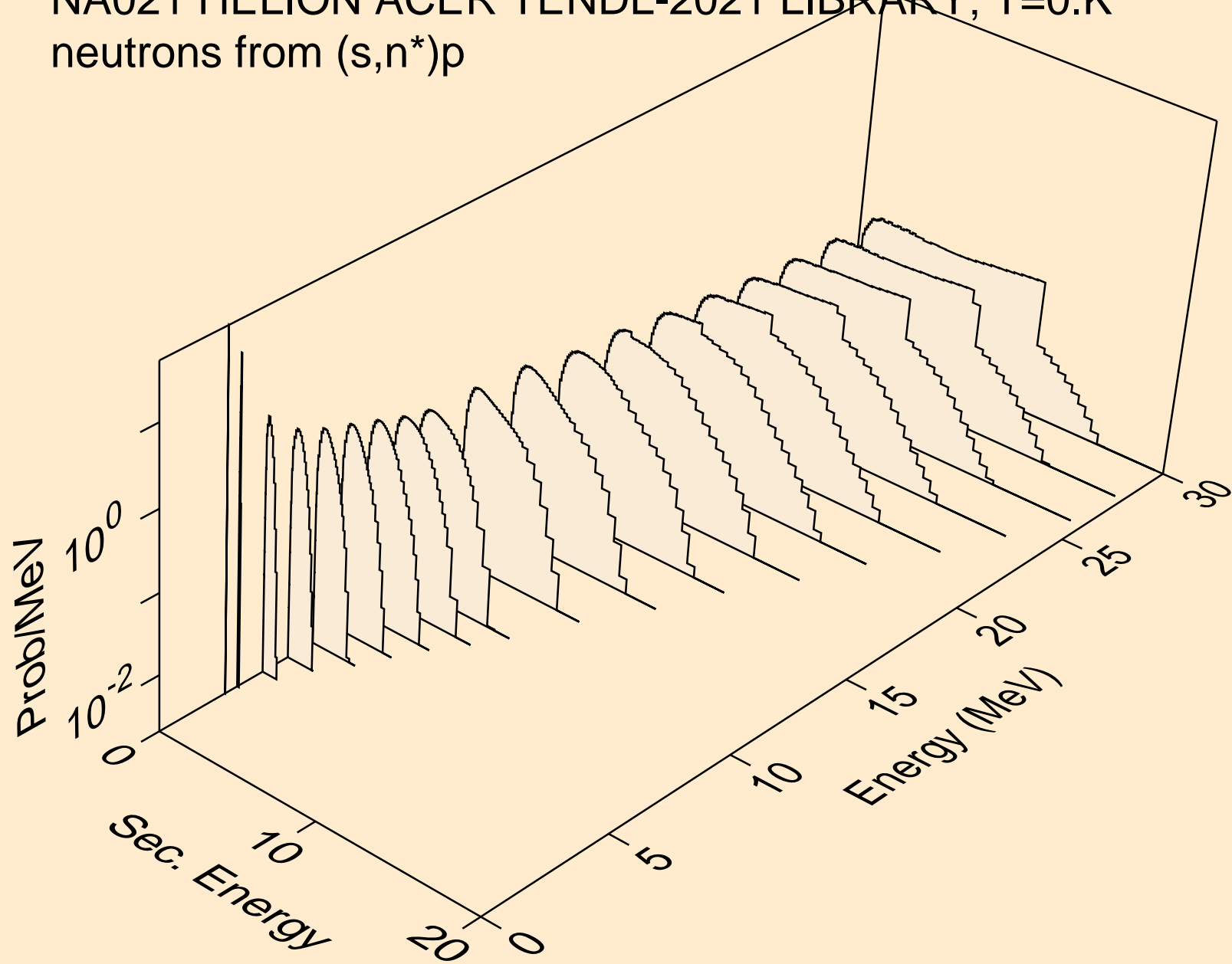
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neutrons from (s,2n)



NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

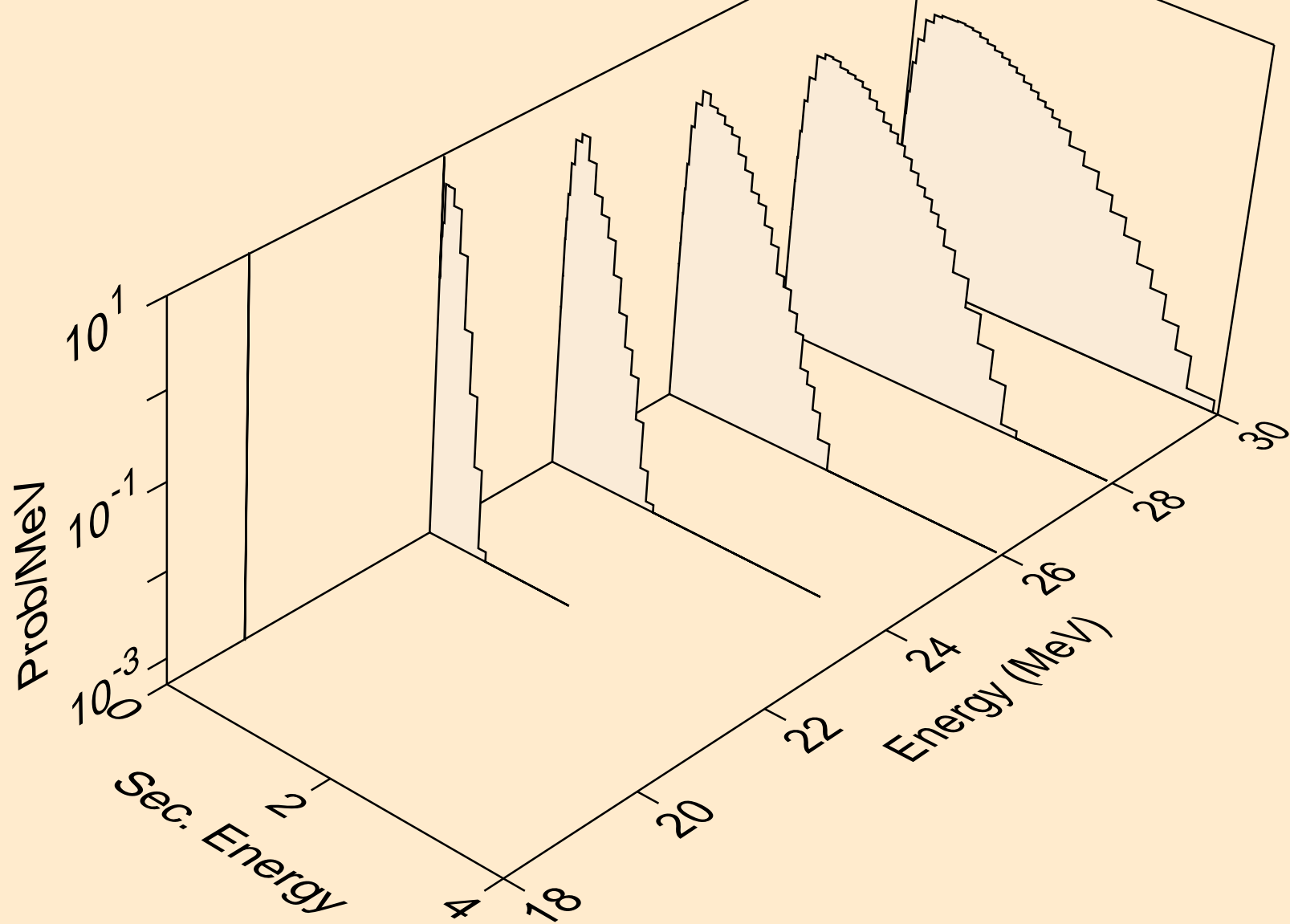


NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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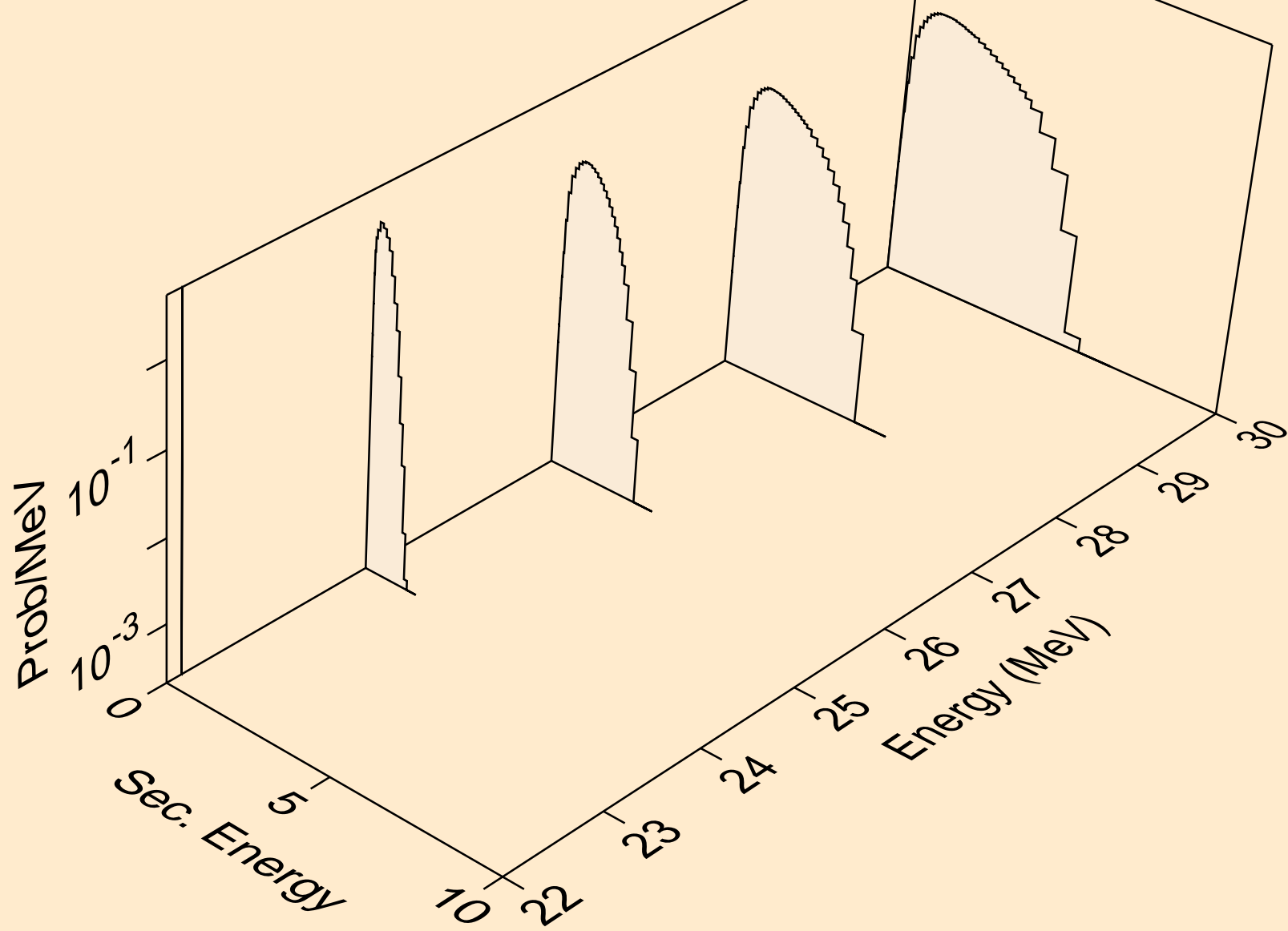




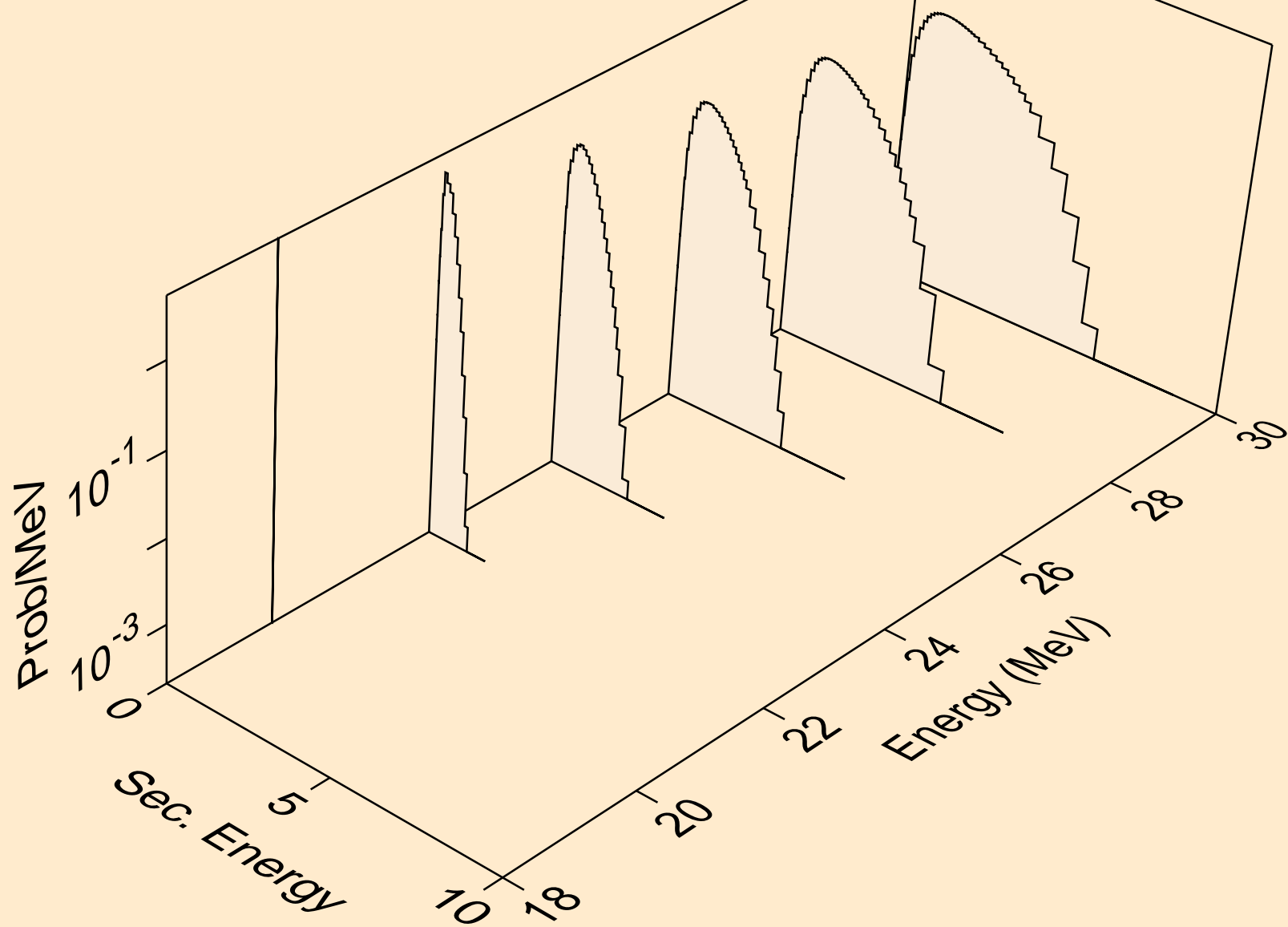
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neutrons from (s,n\*)2a



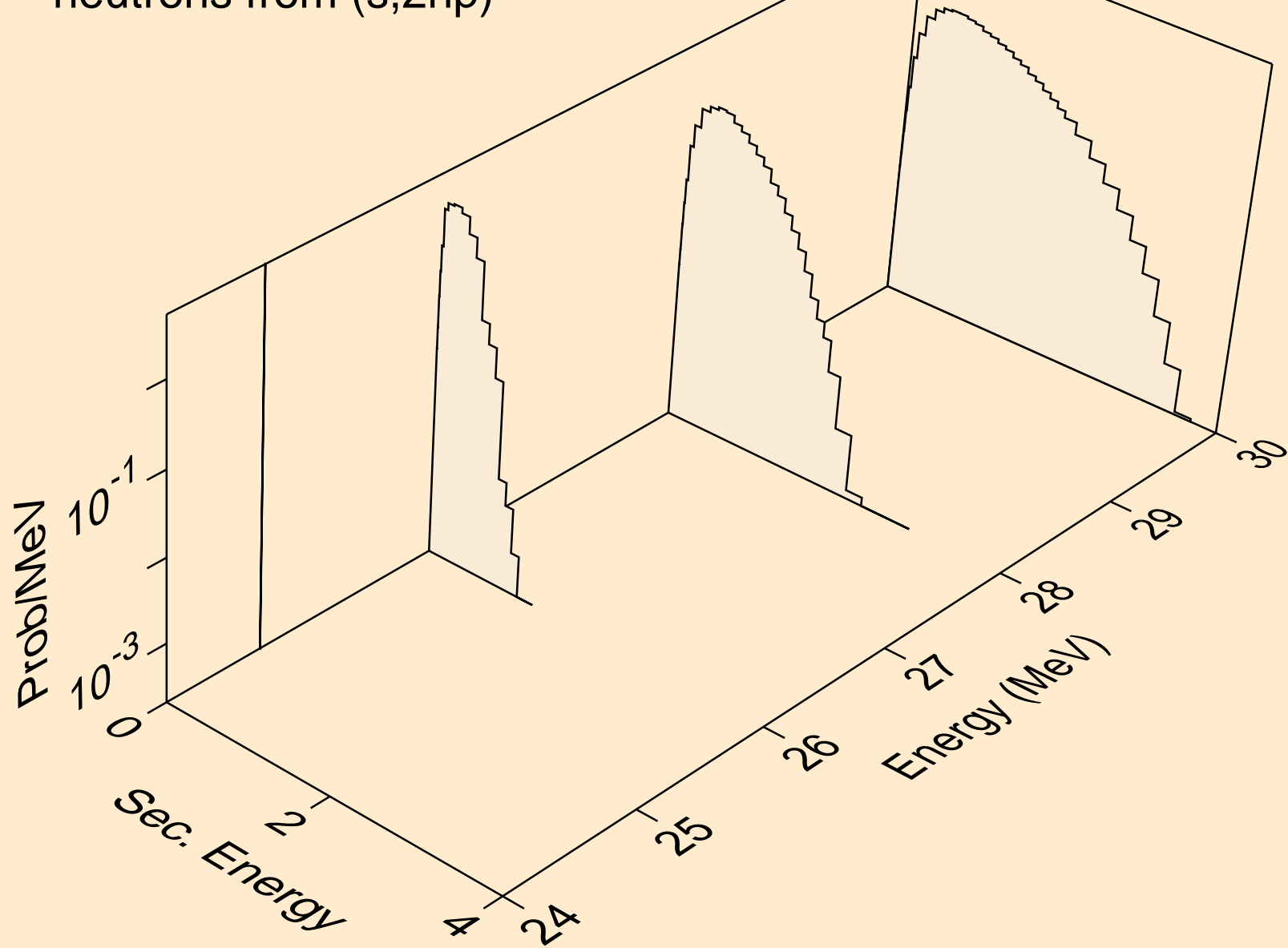
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



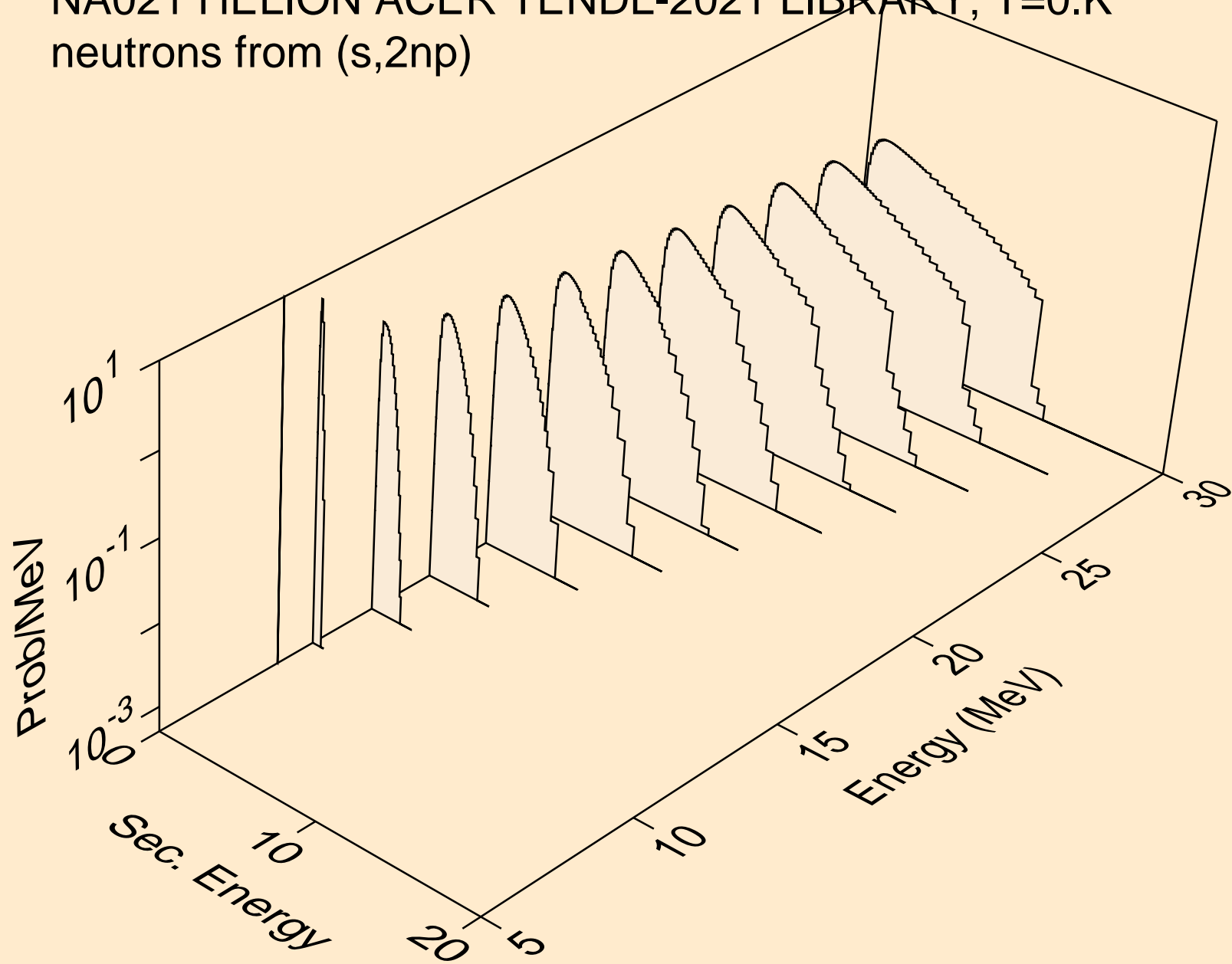
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



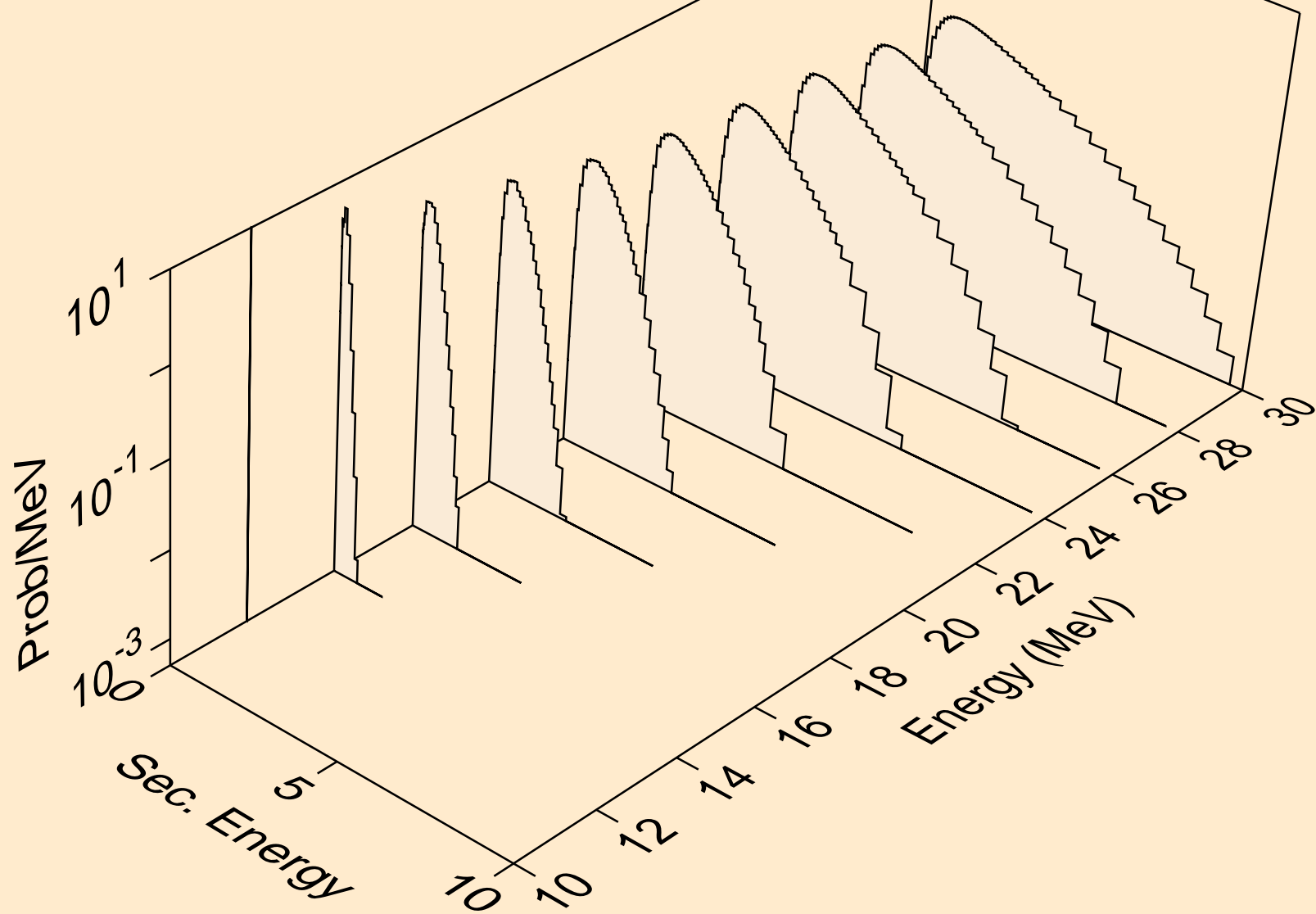
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neutrons from (s,2np)



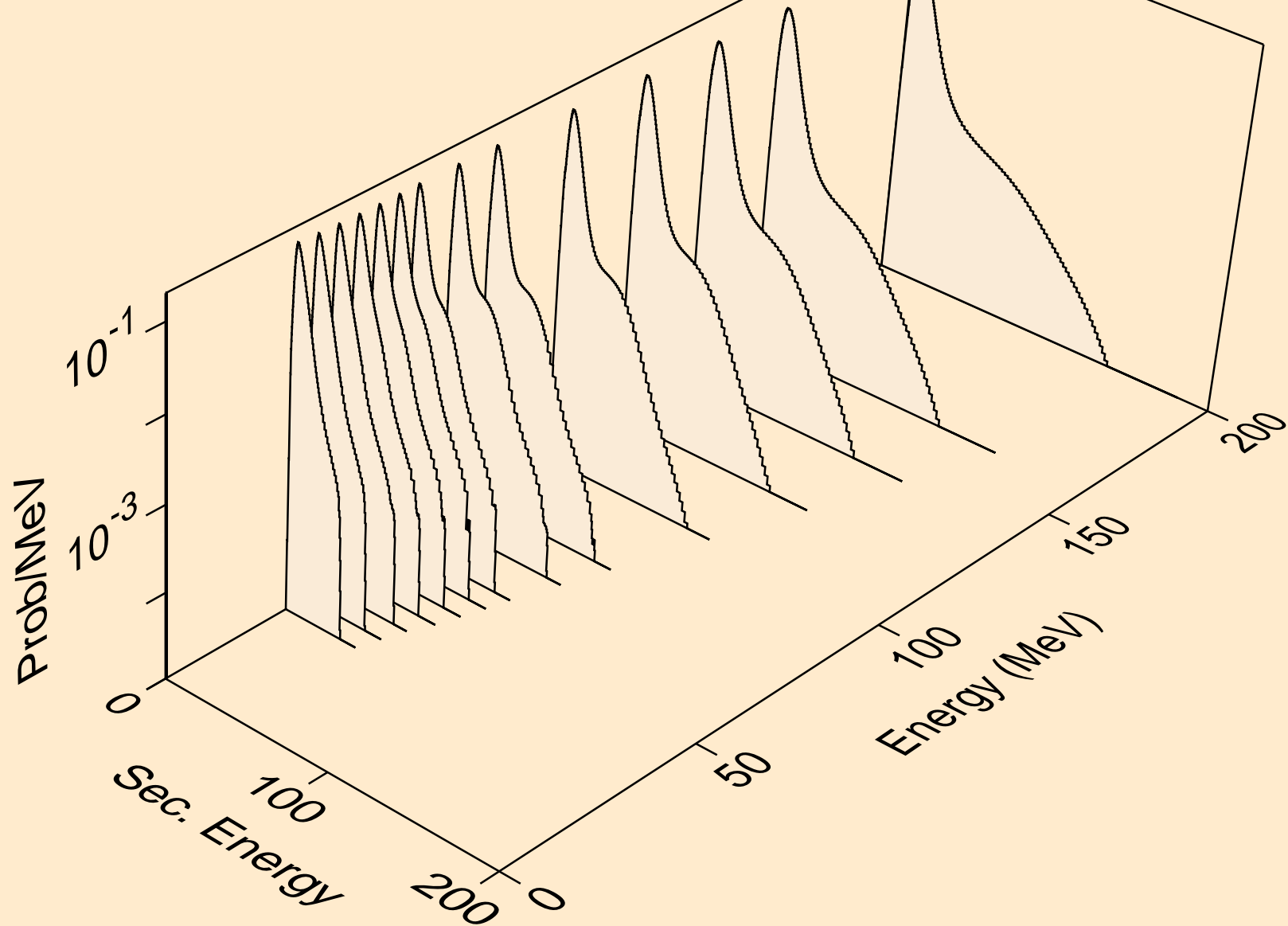
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neutrons from (s,2np)



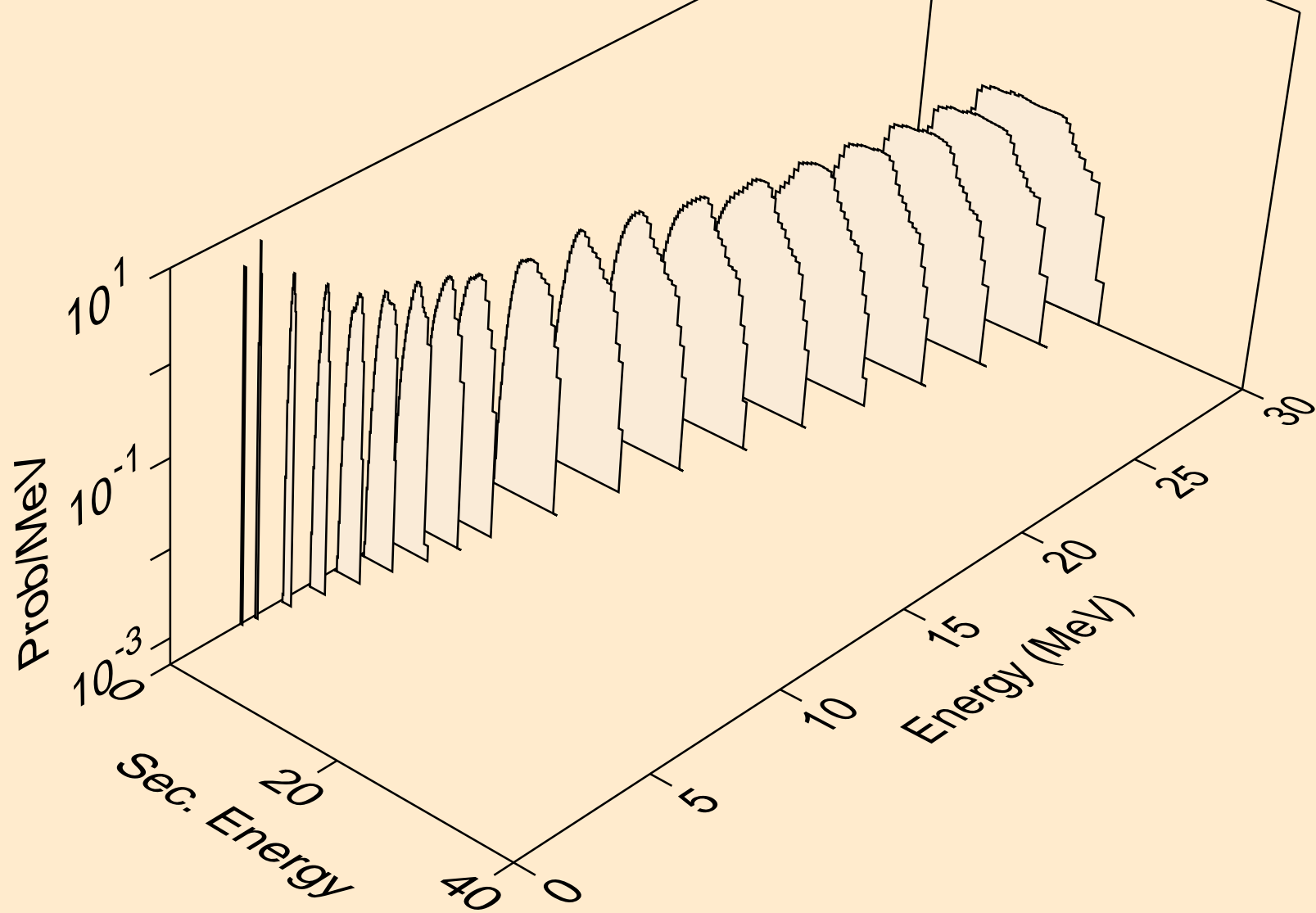
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)

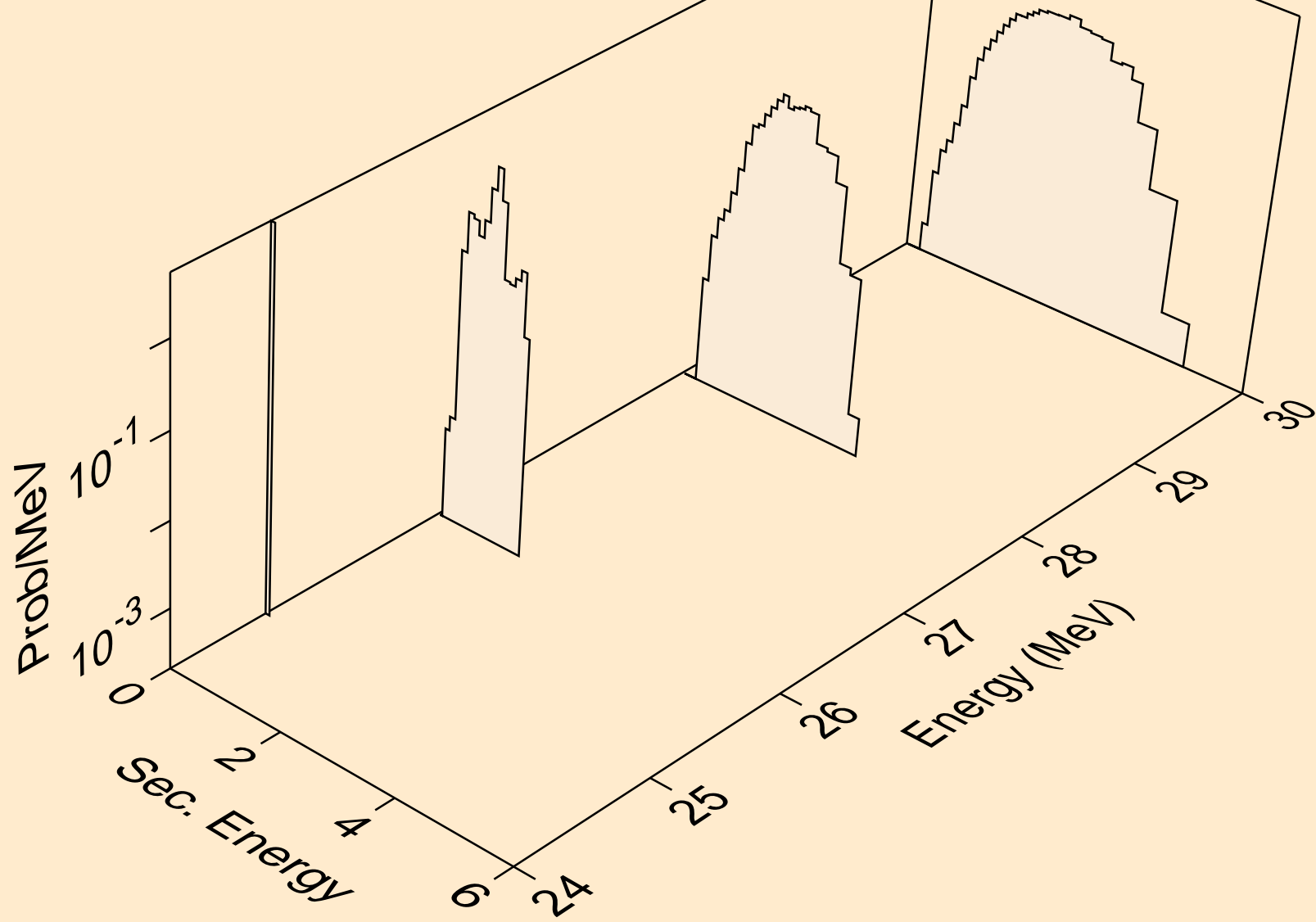


NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p

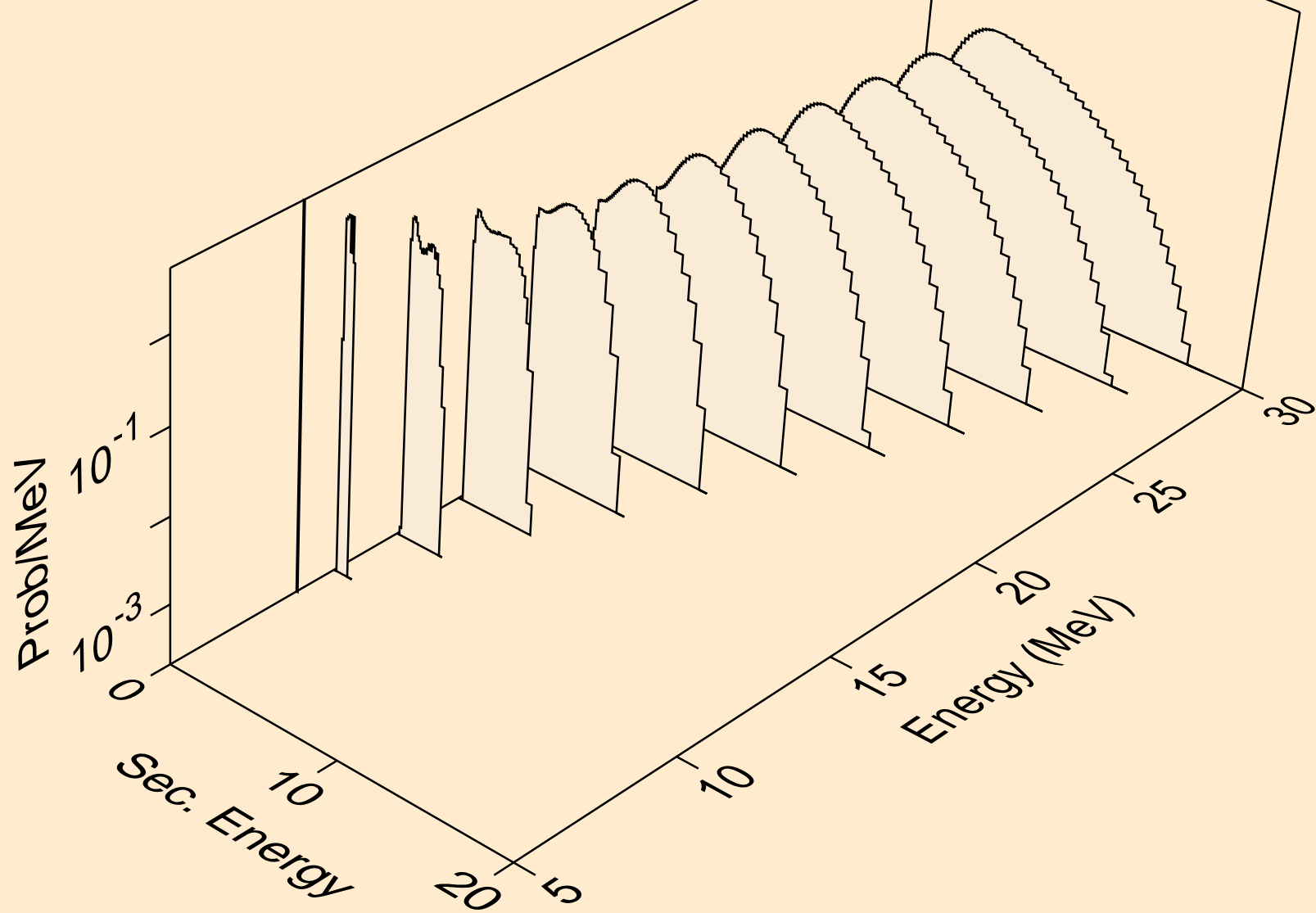




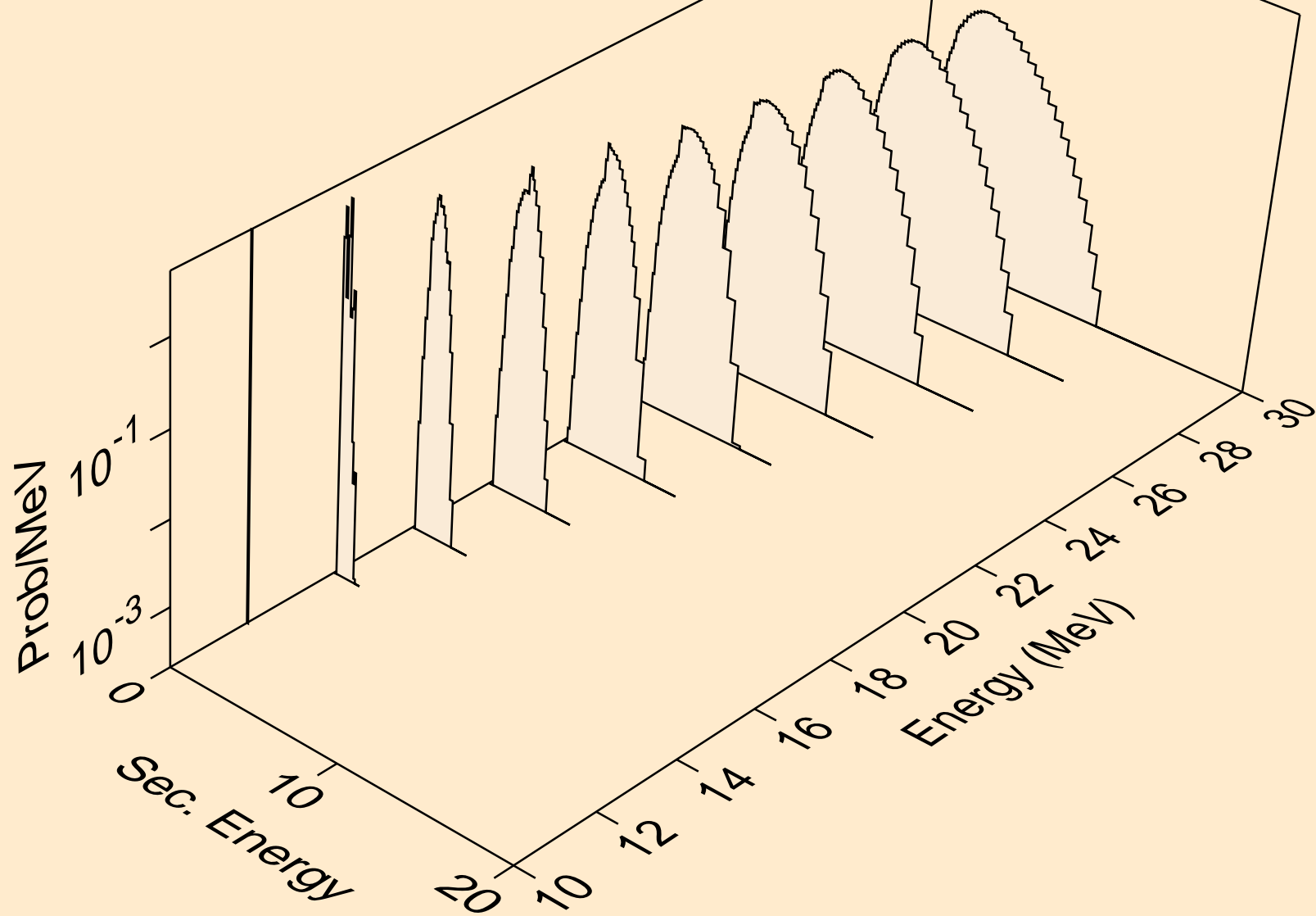
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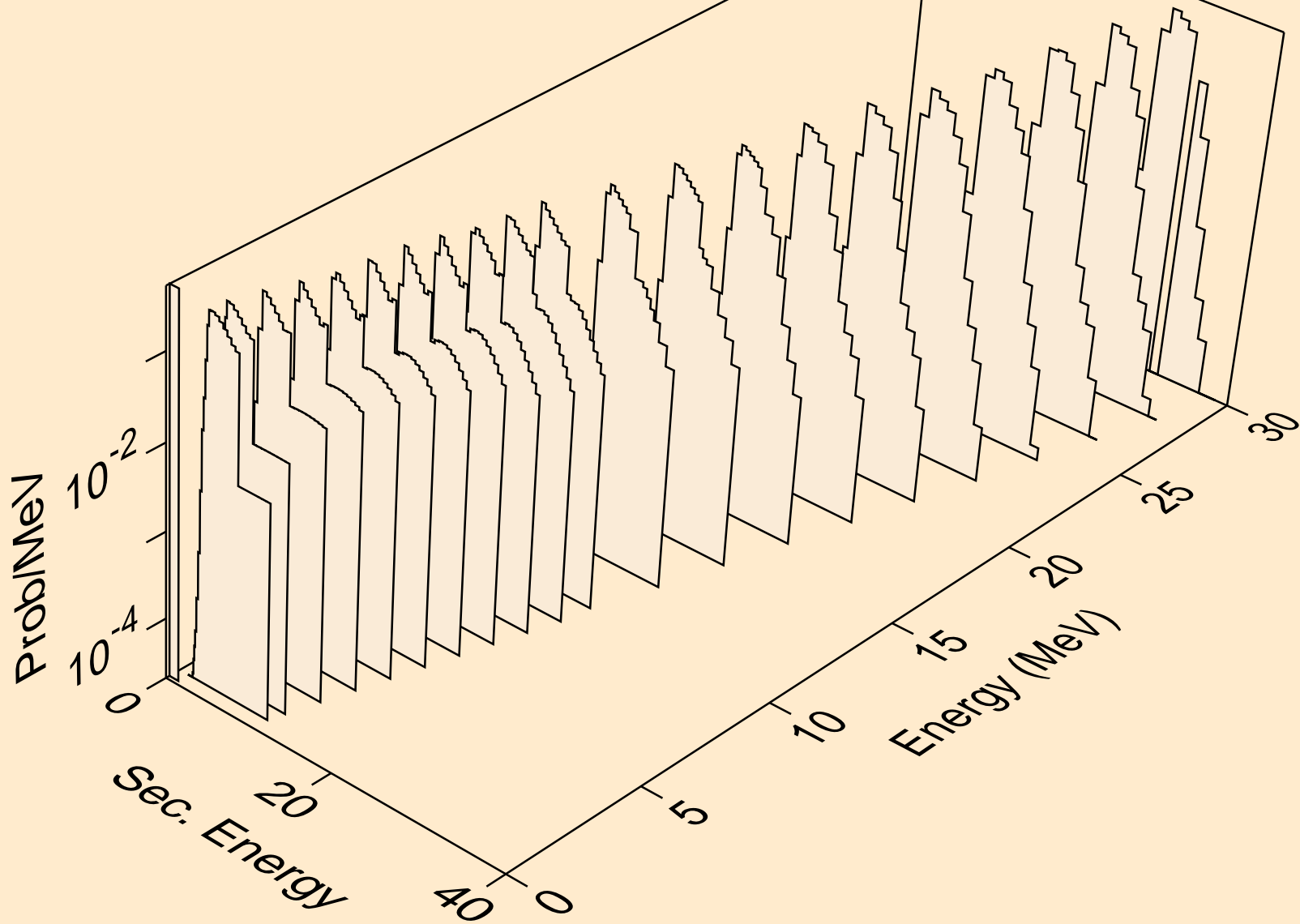
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protons from (s,2np)



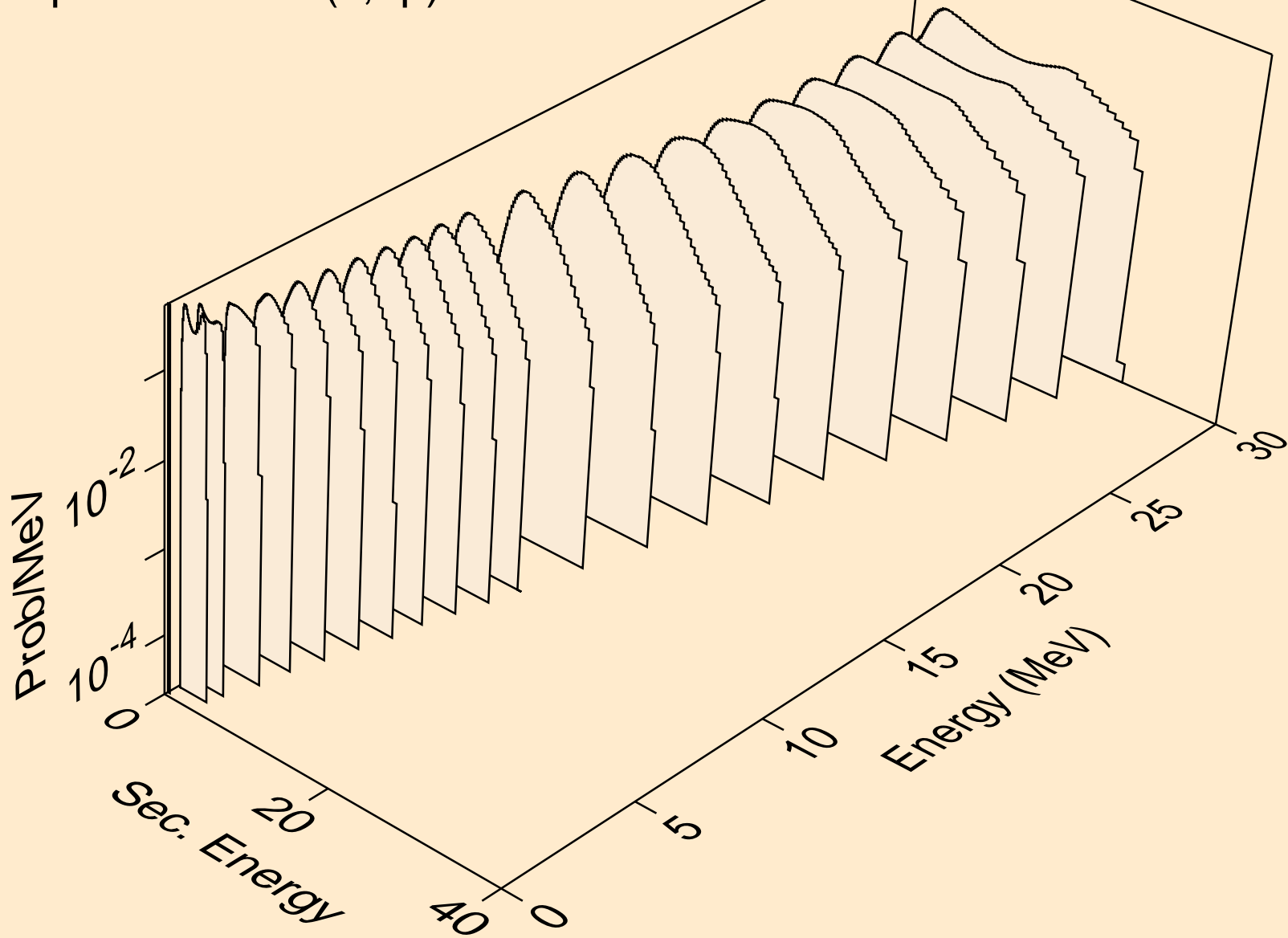
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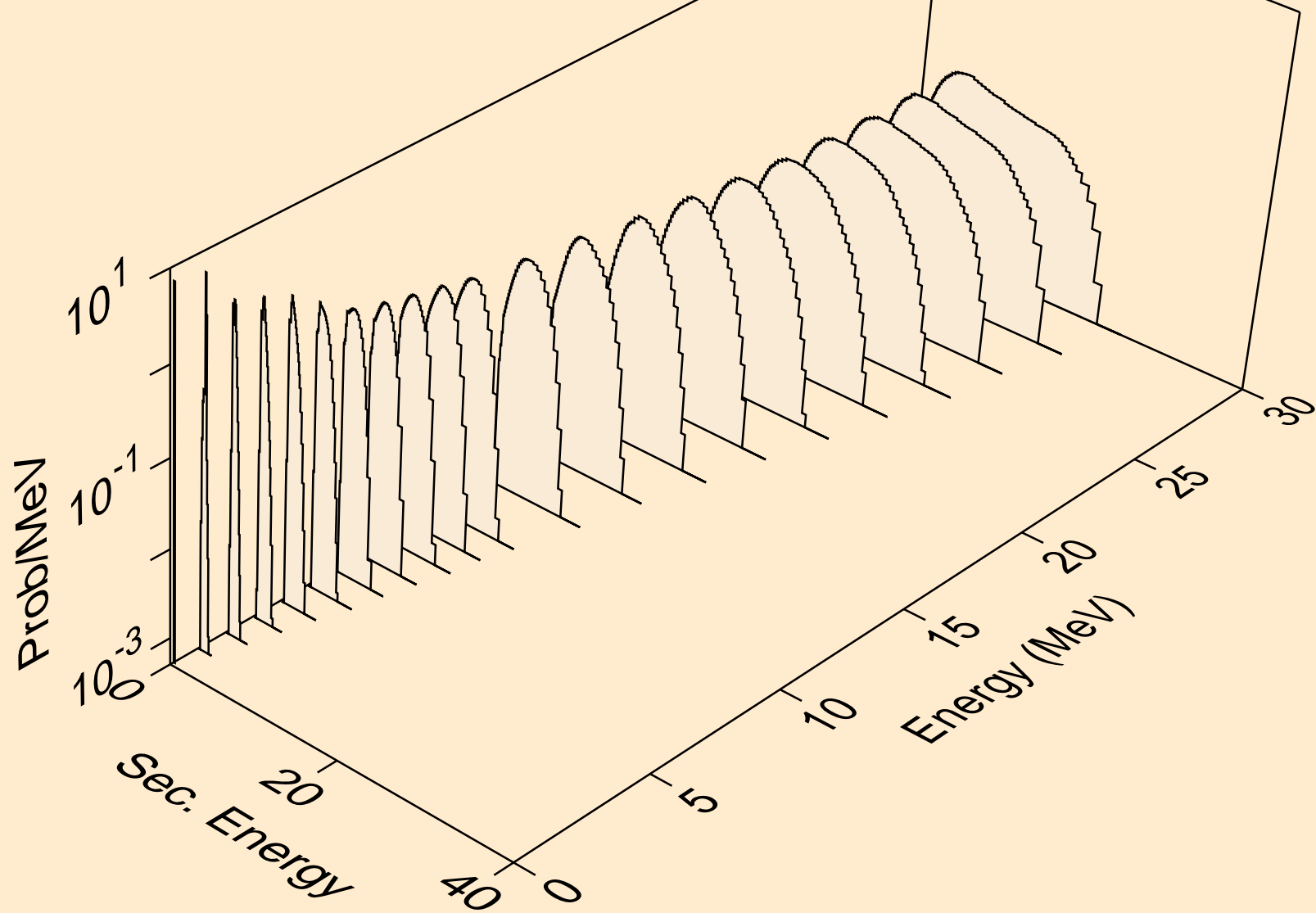
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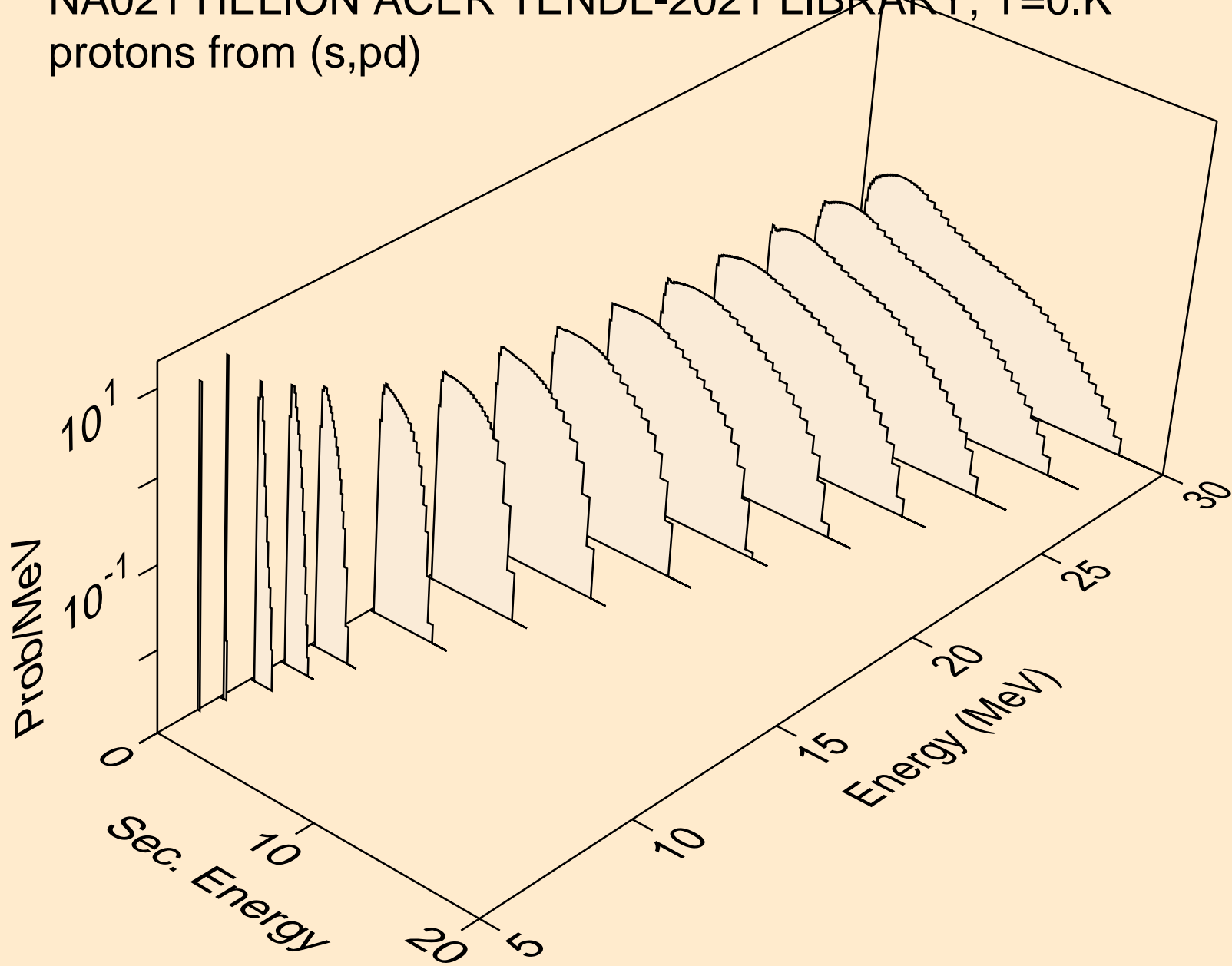
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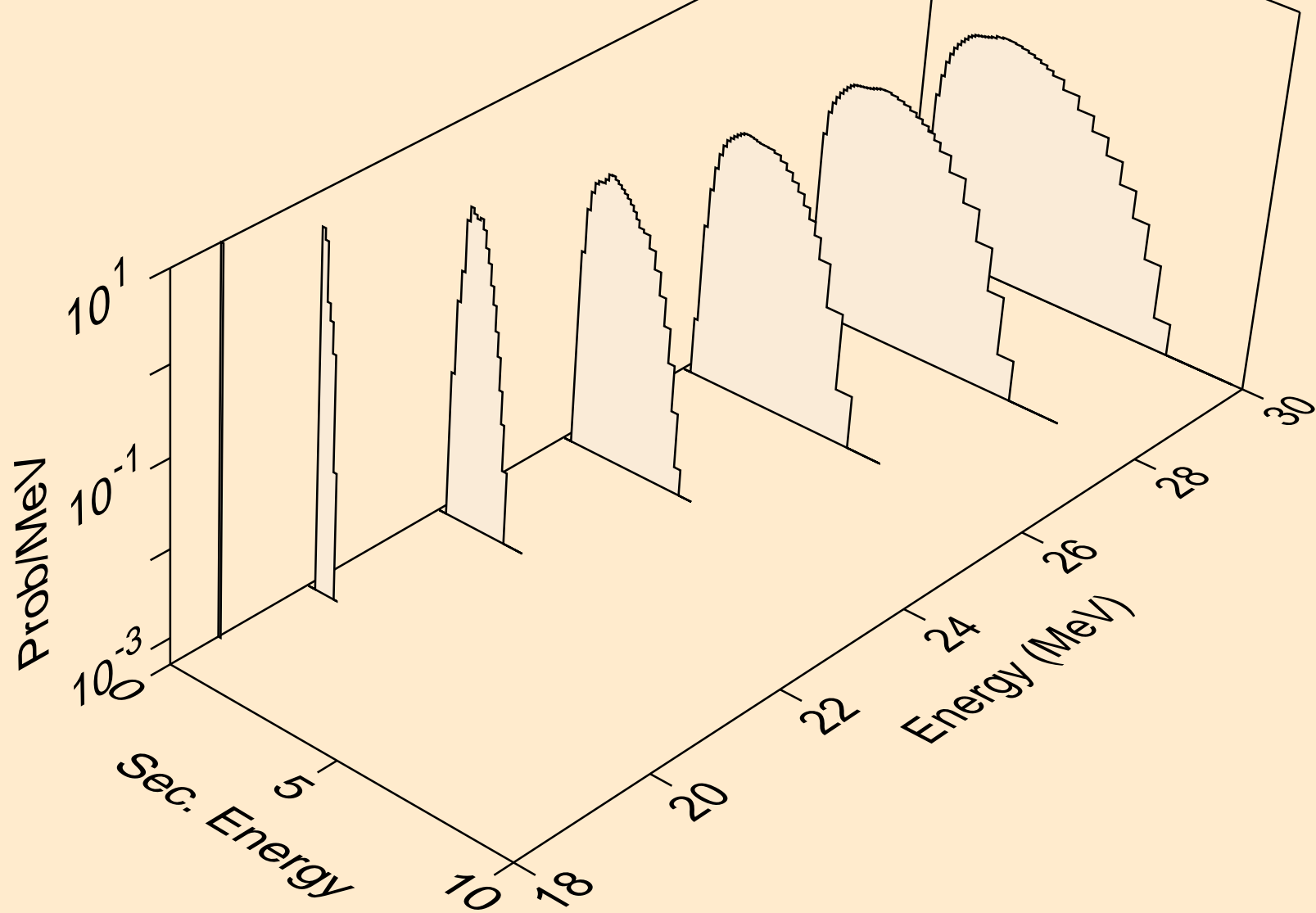
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)

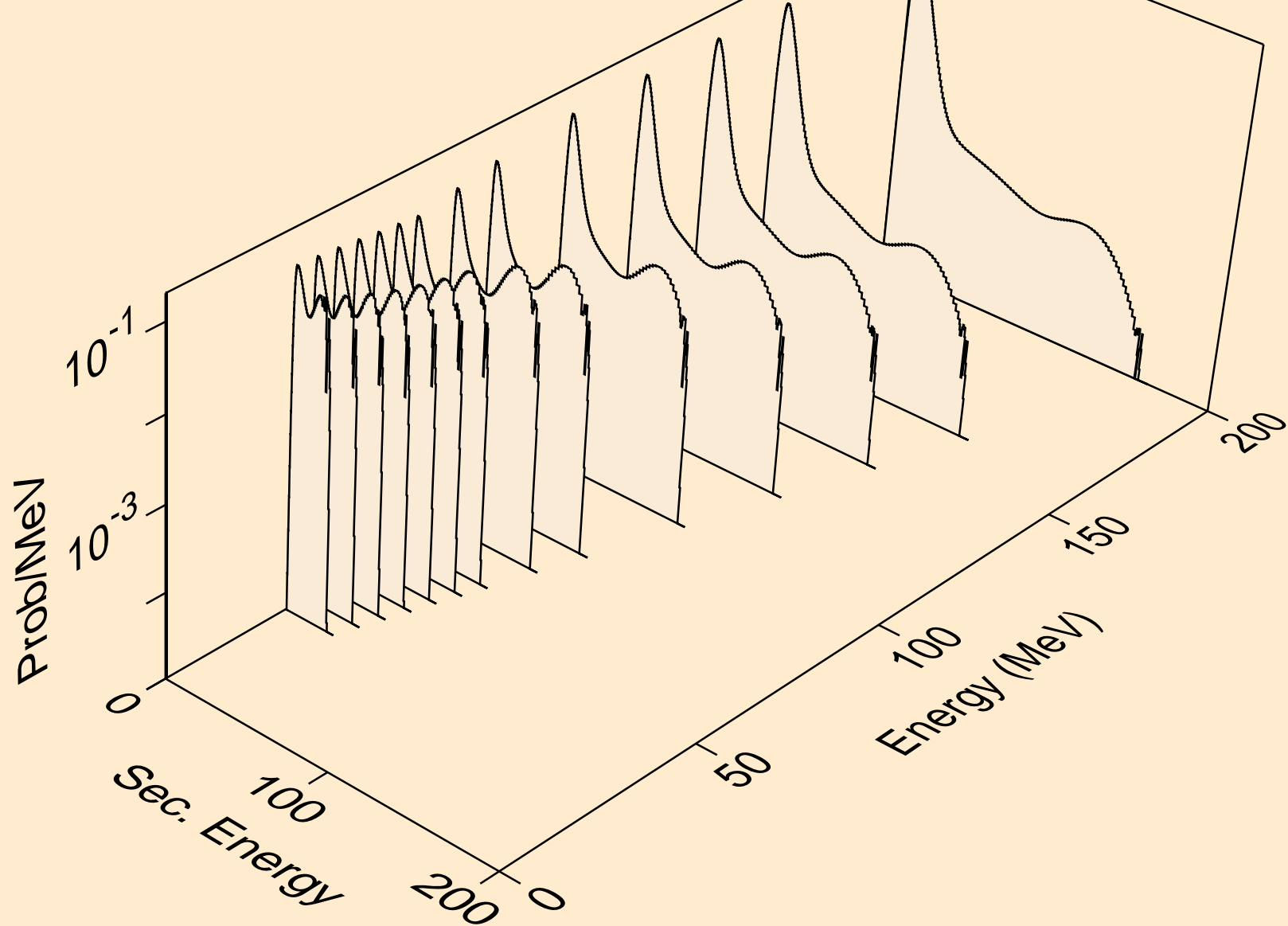


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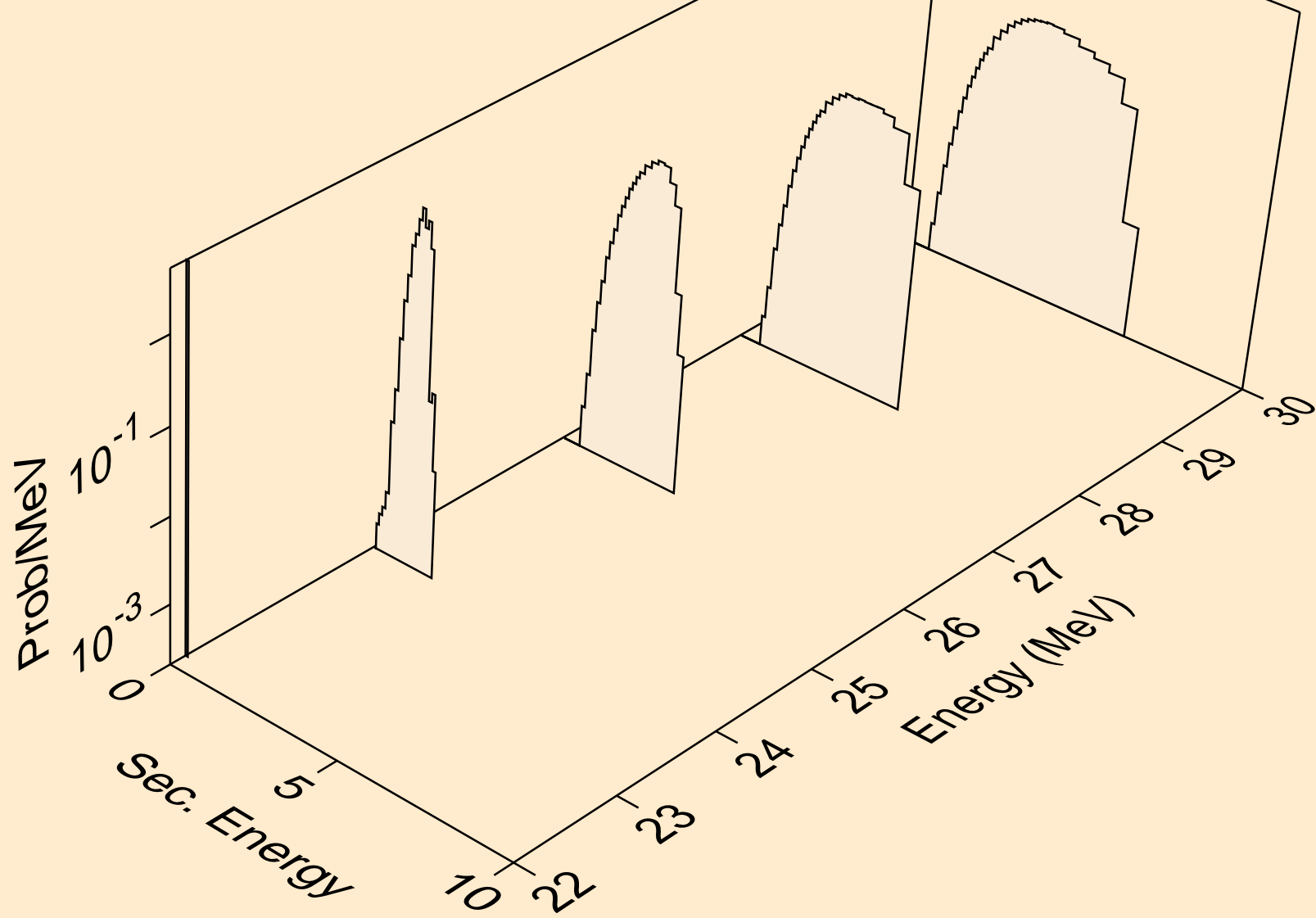




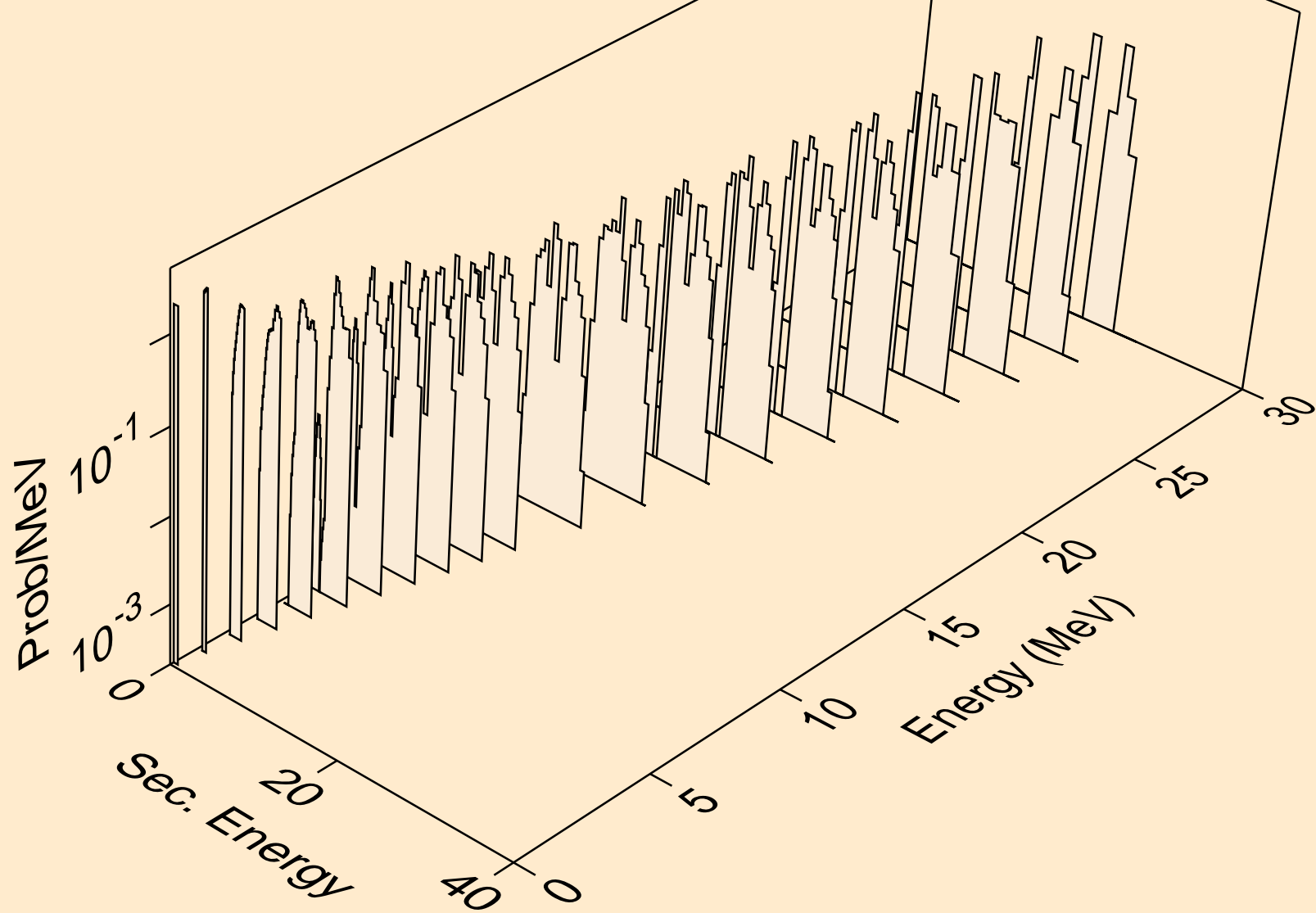
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deuterons from (s,x)



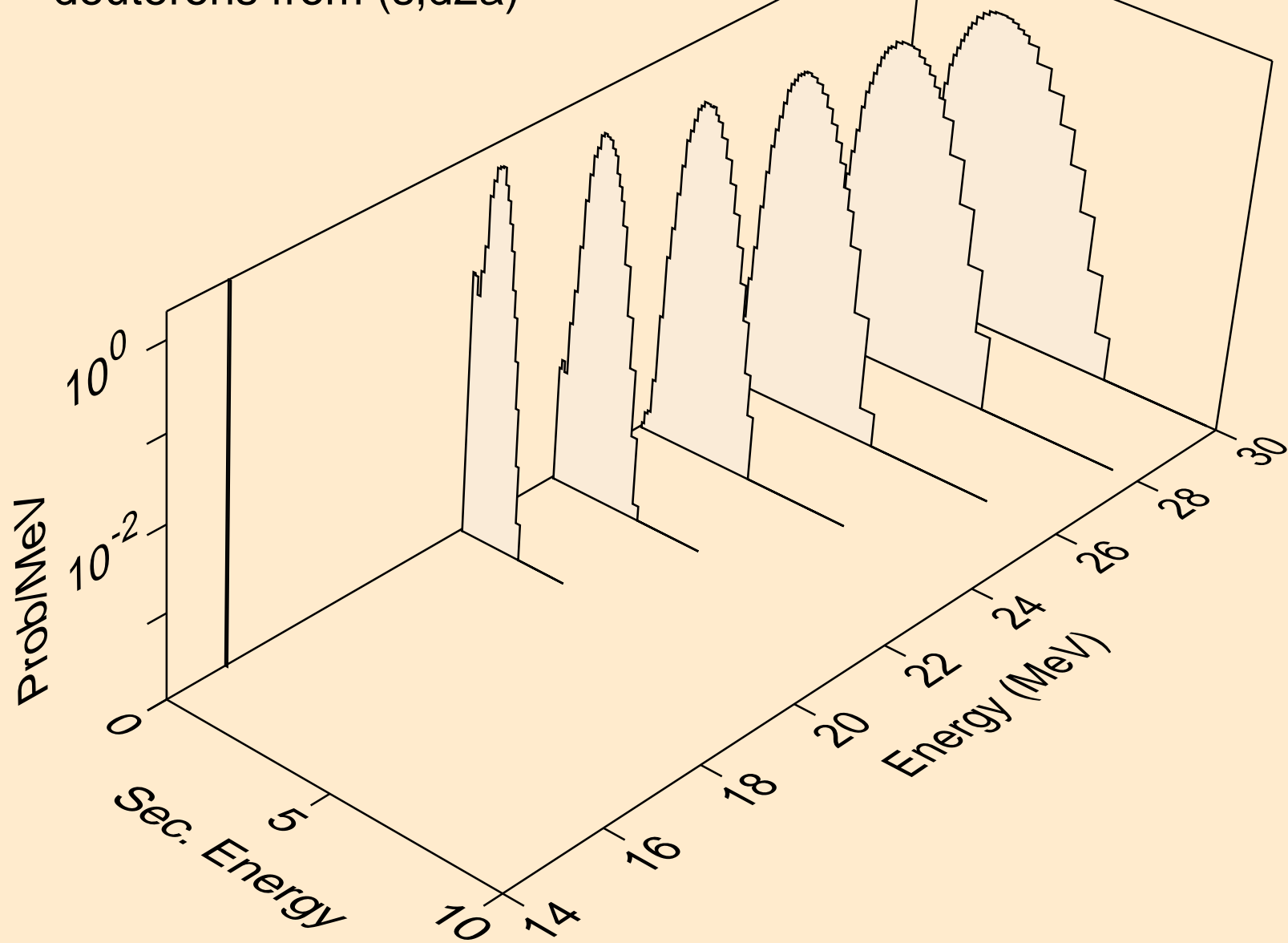
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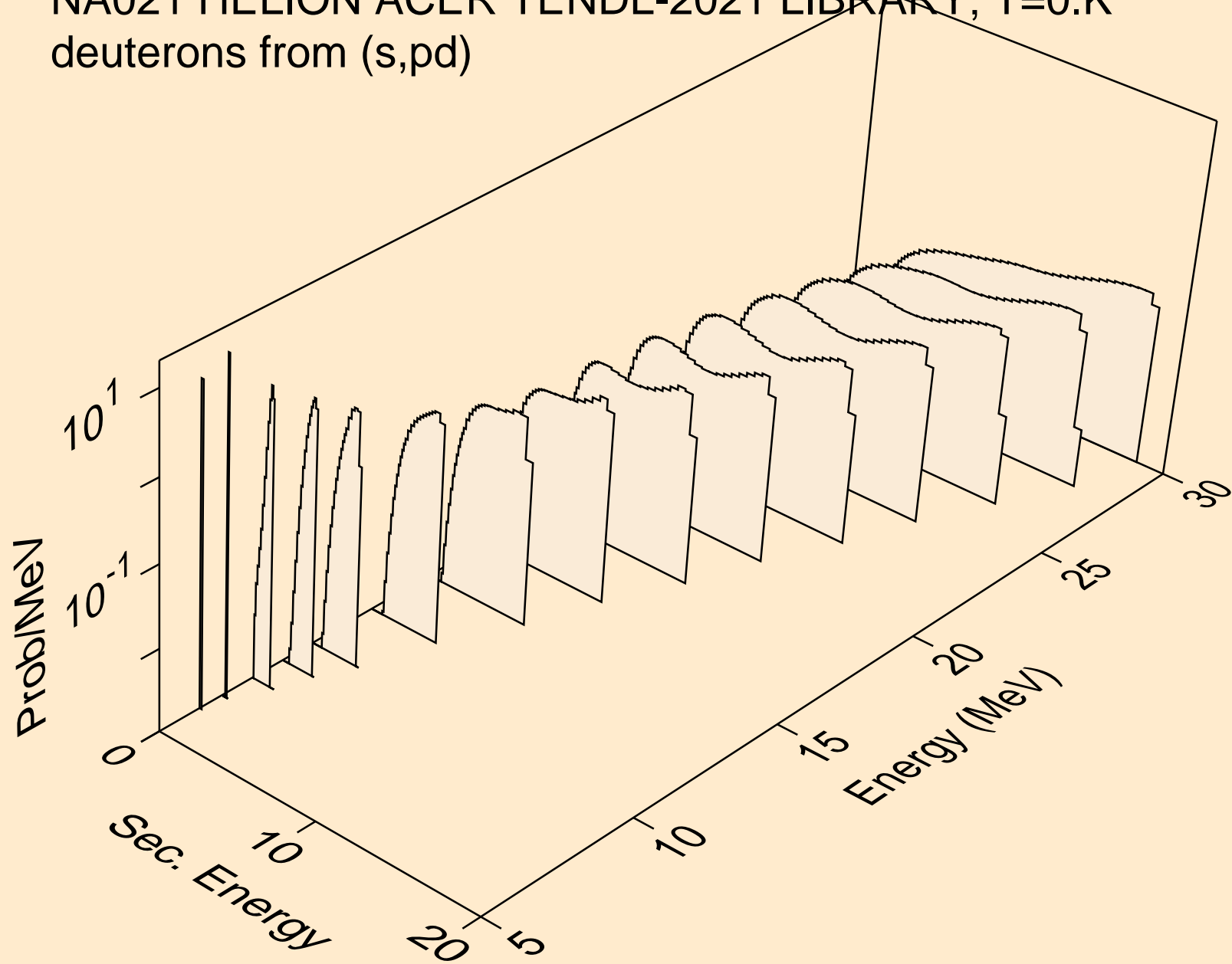
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deuterons from (s,d)



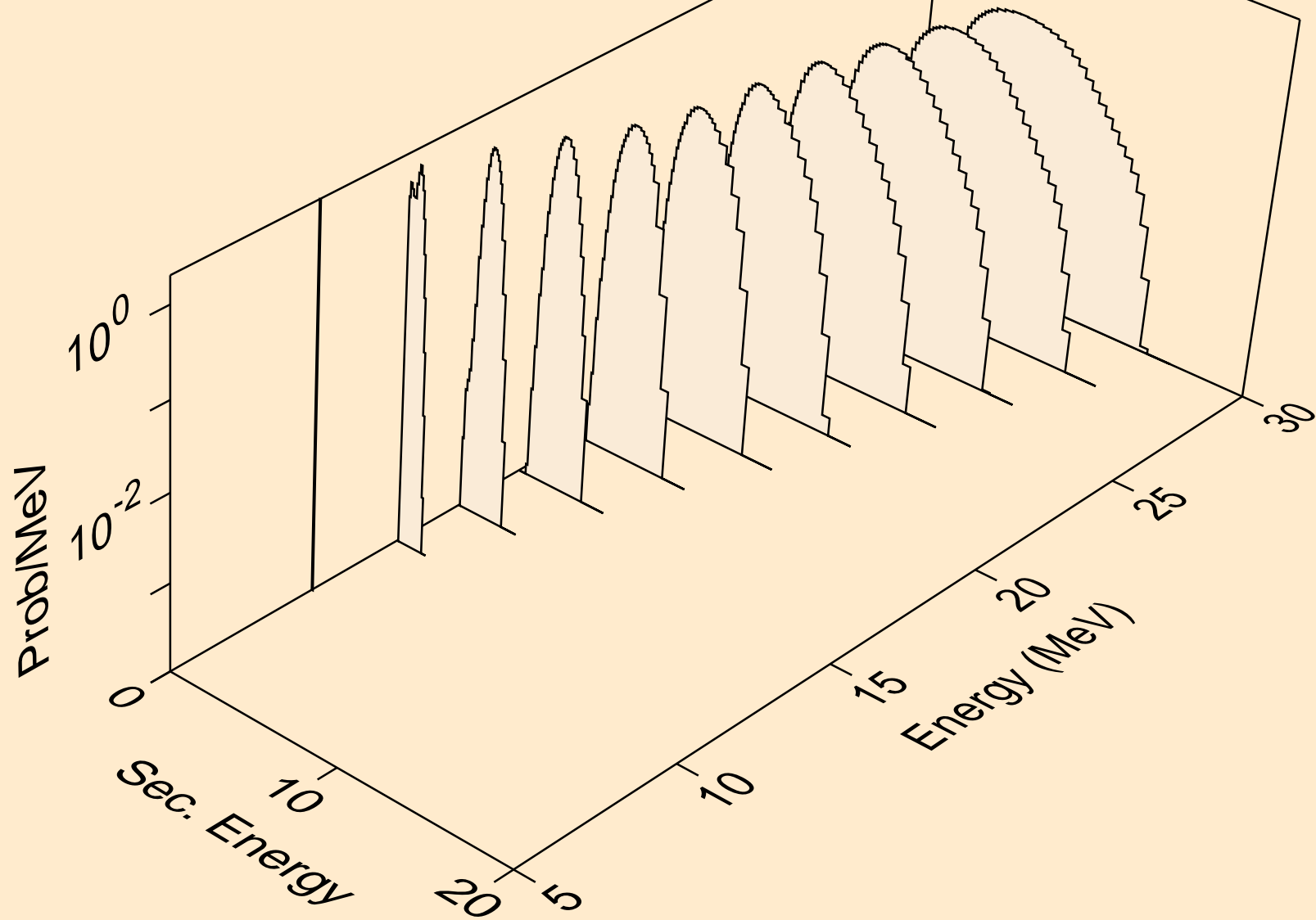
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d2a)



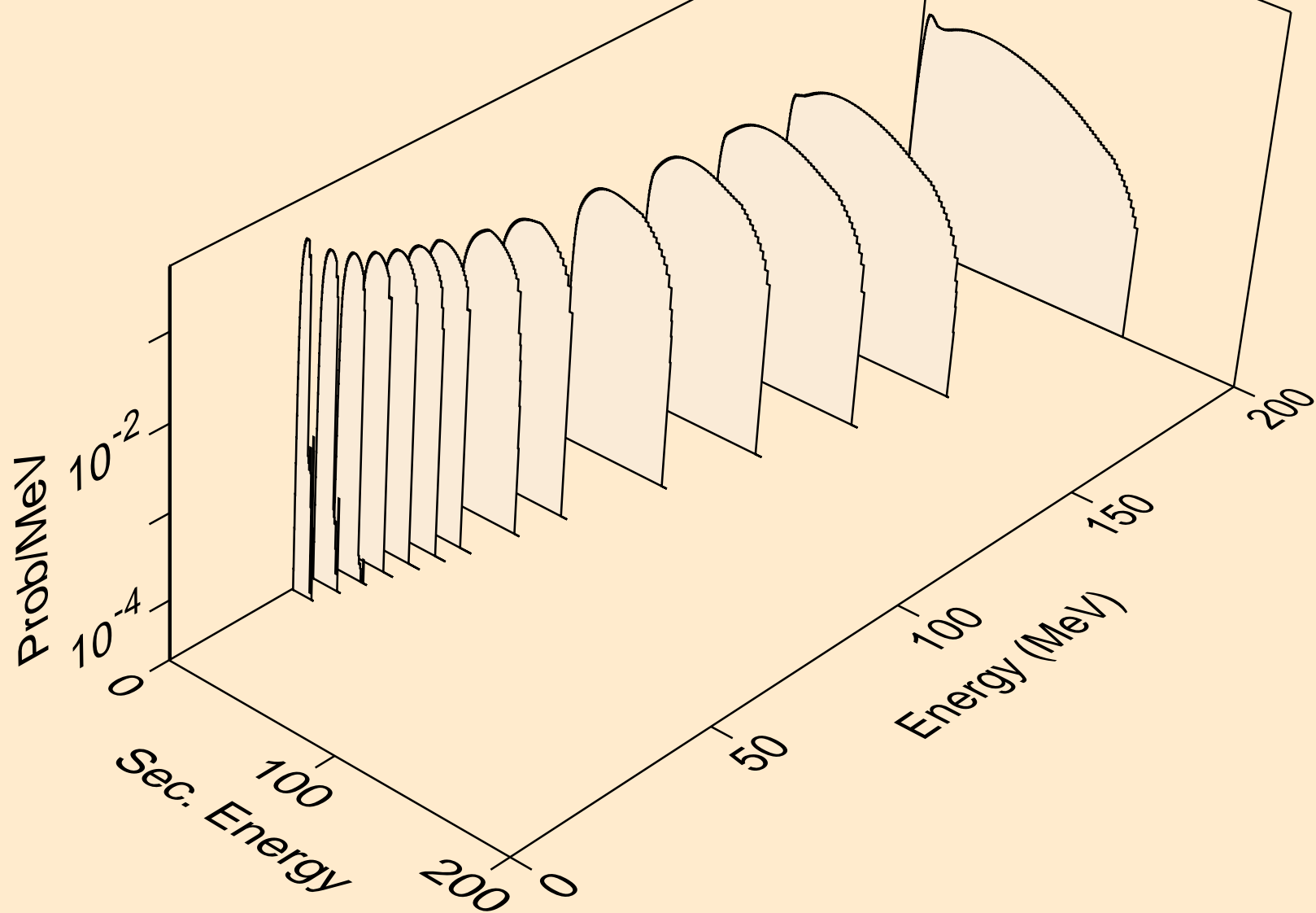
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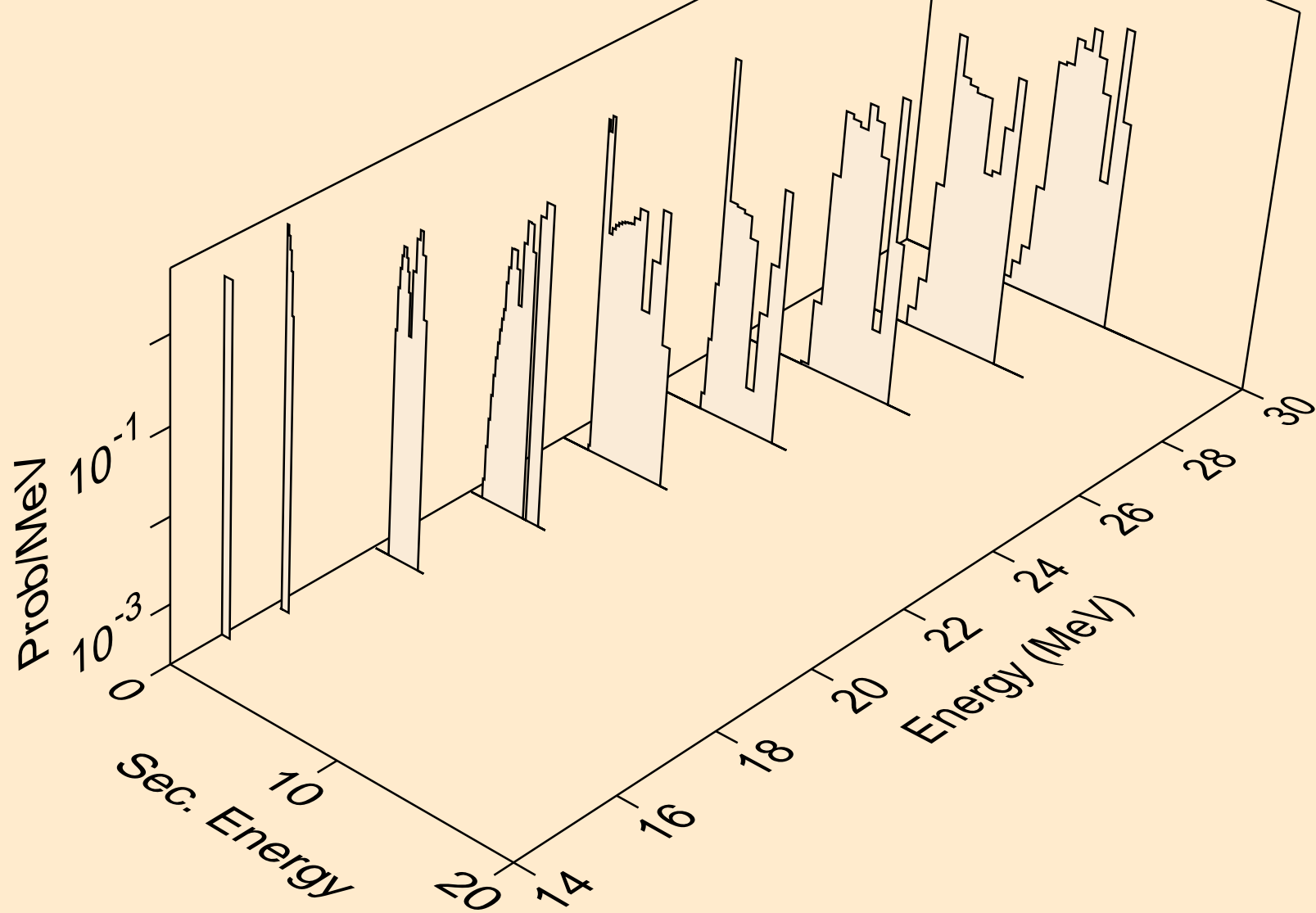
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deuterons from (s,da)



NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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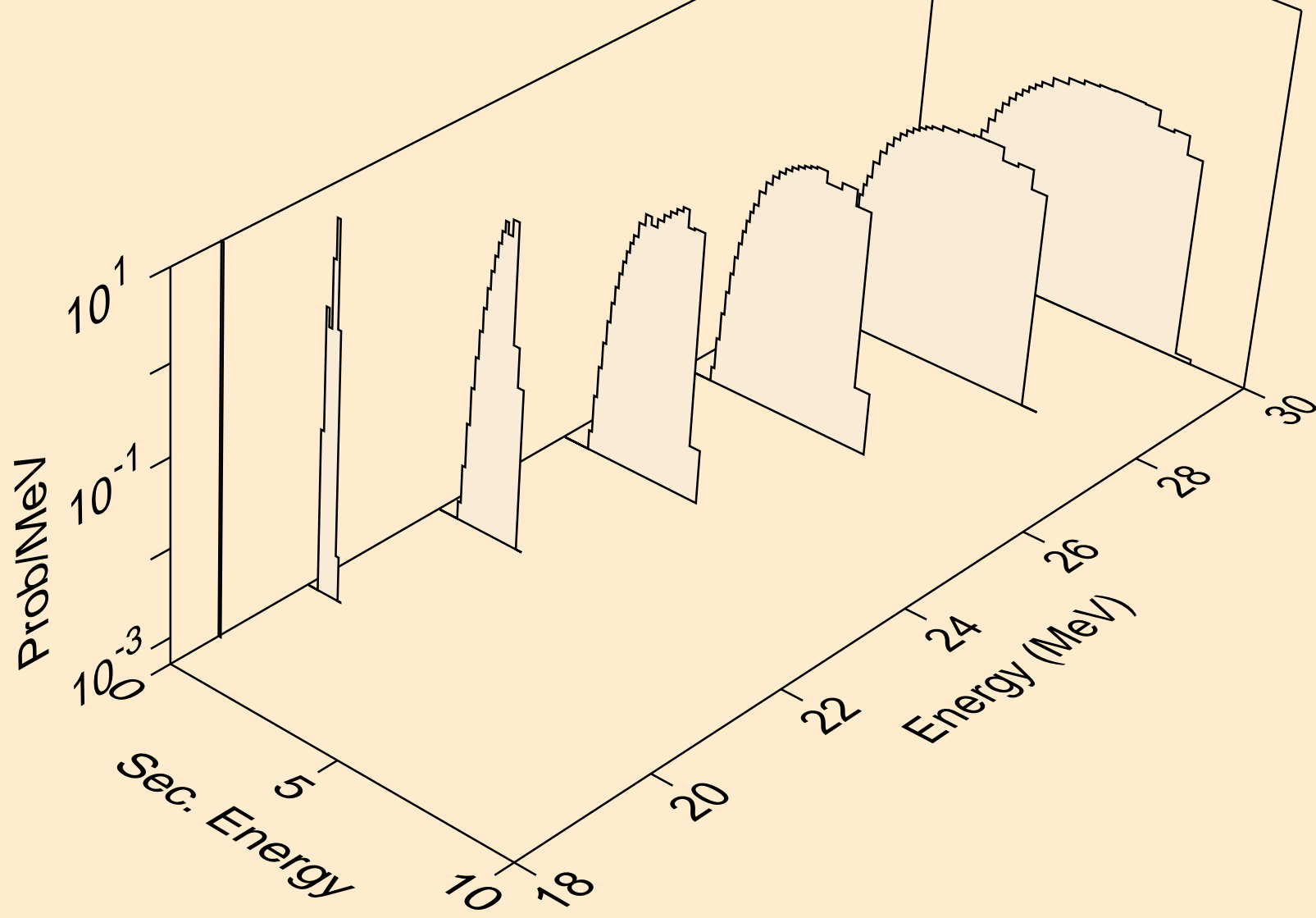


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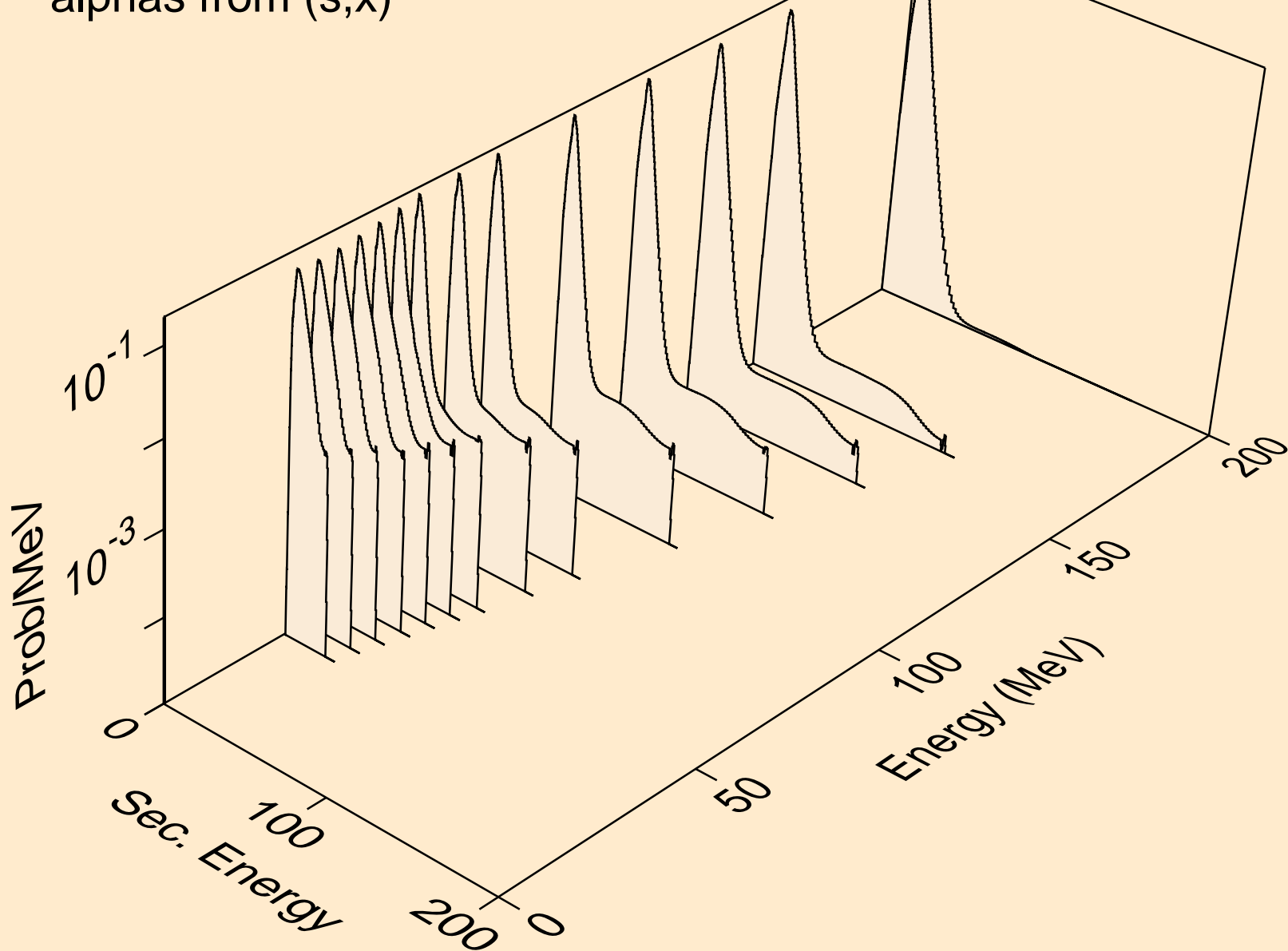




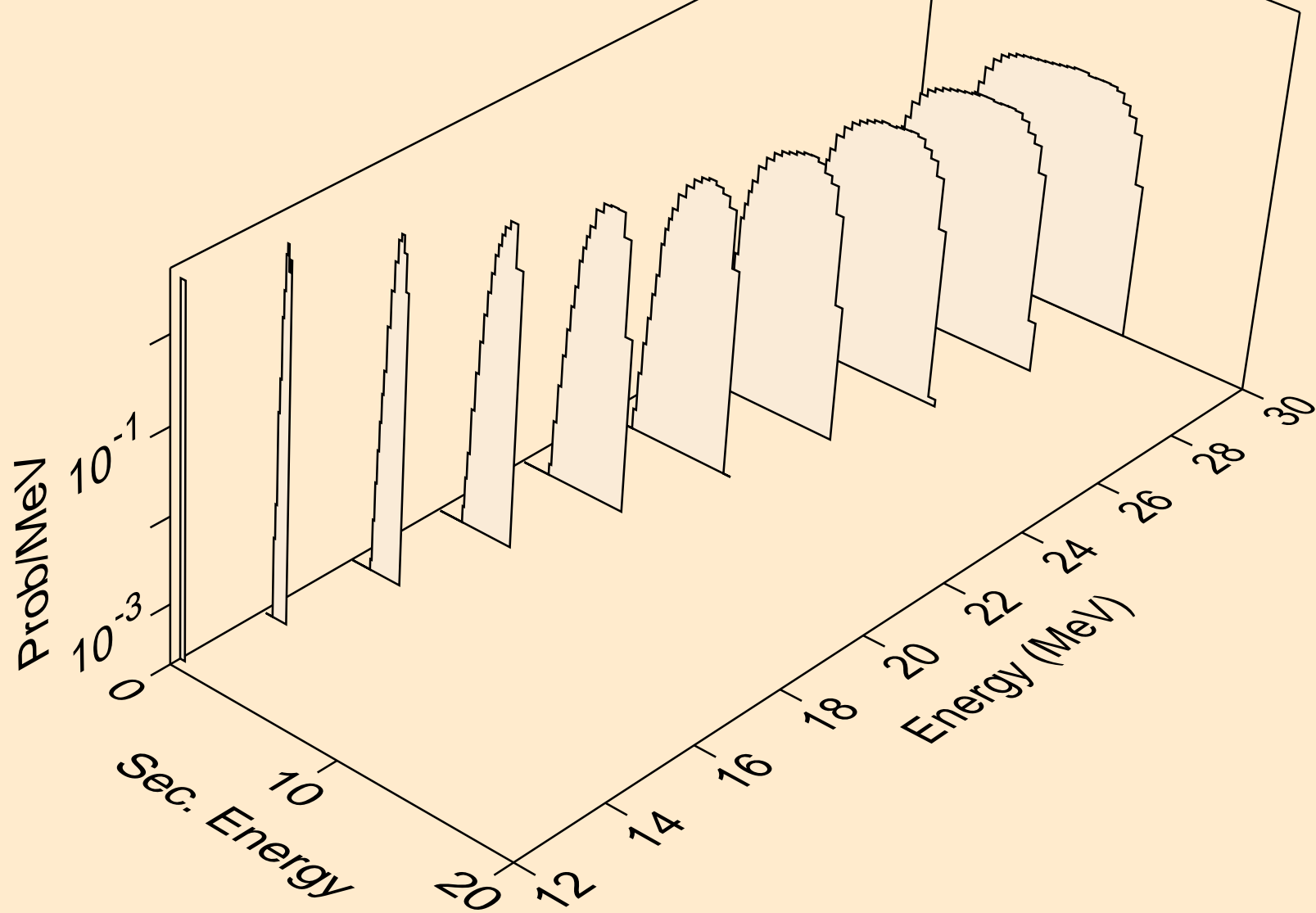
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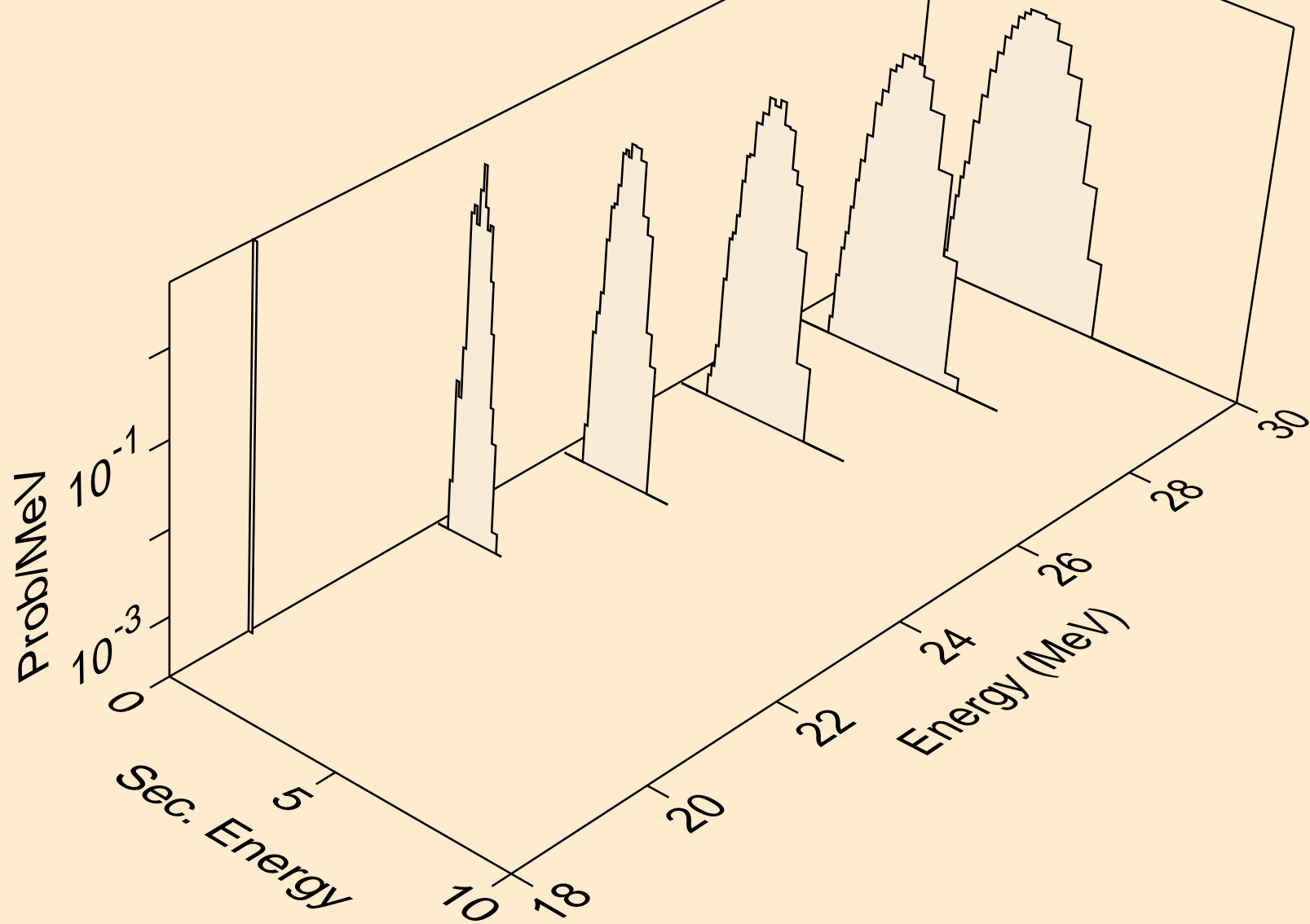
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alphas from (s,x)



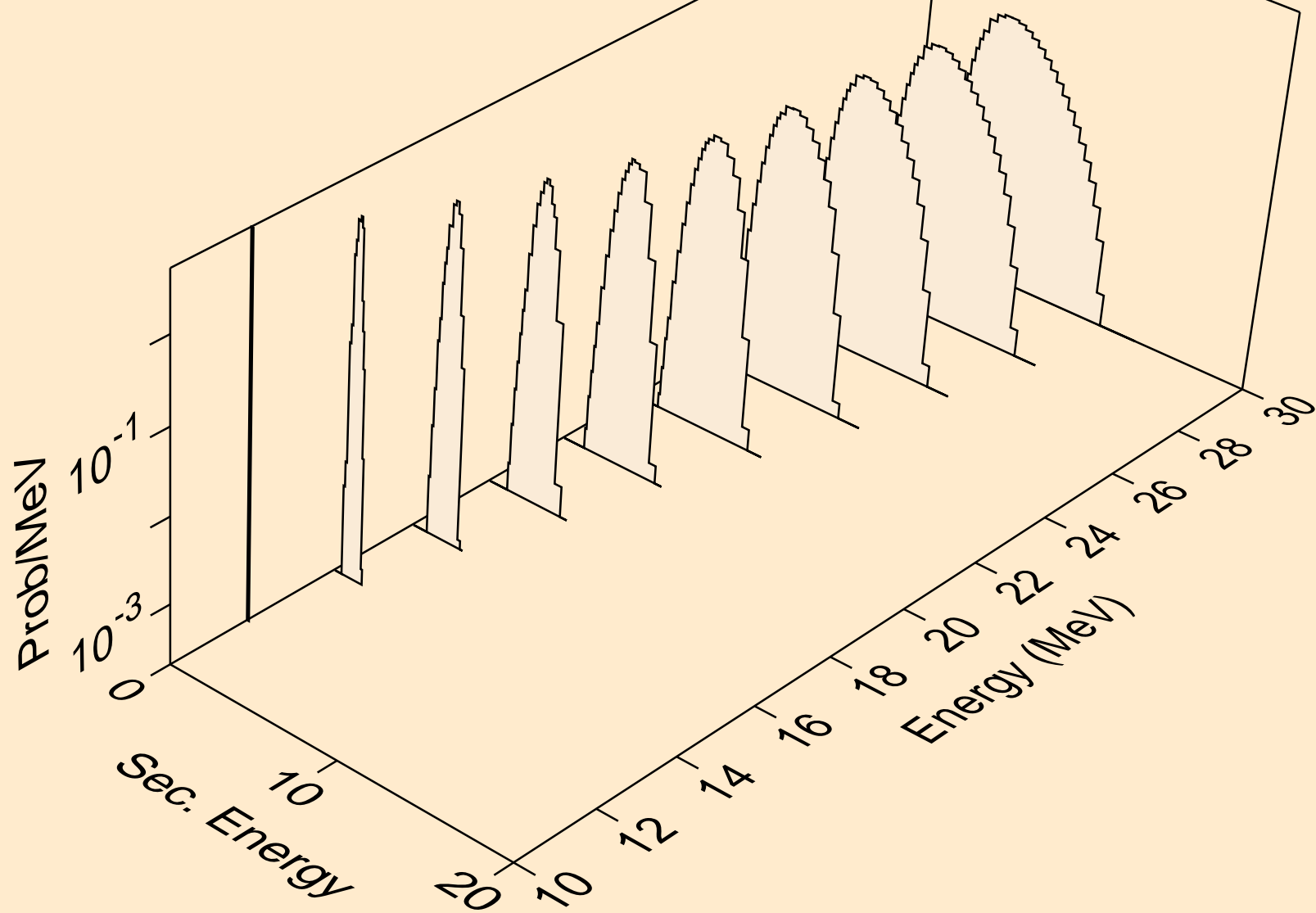
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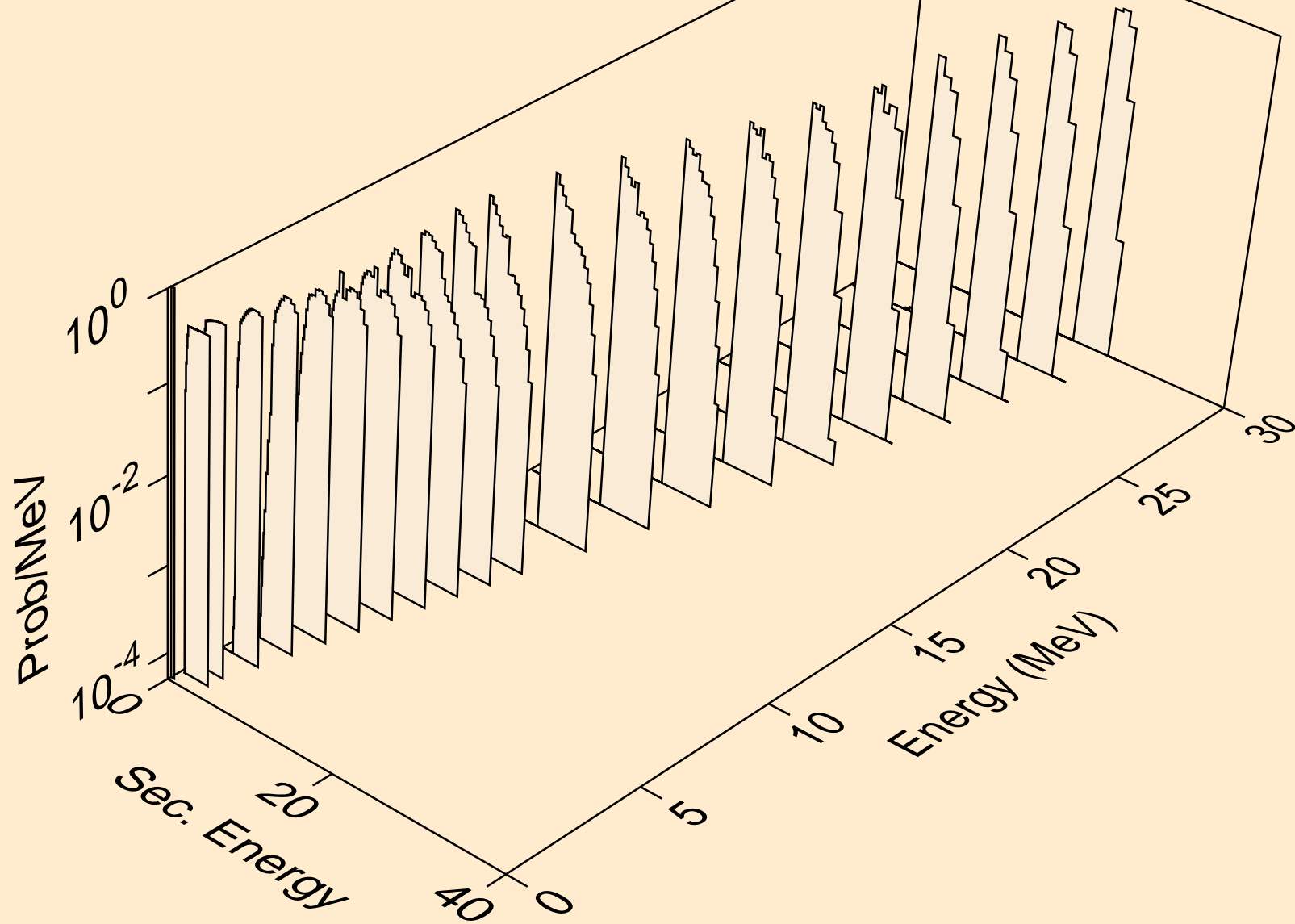
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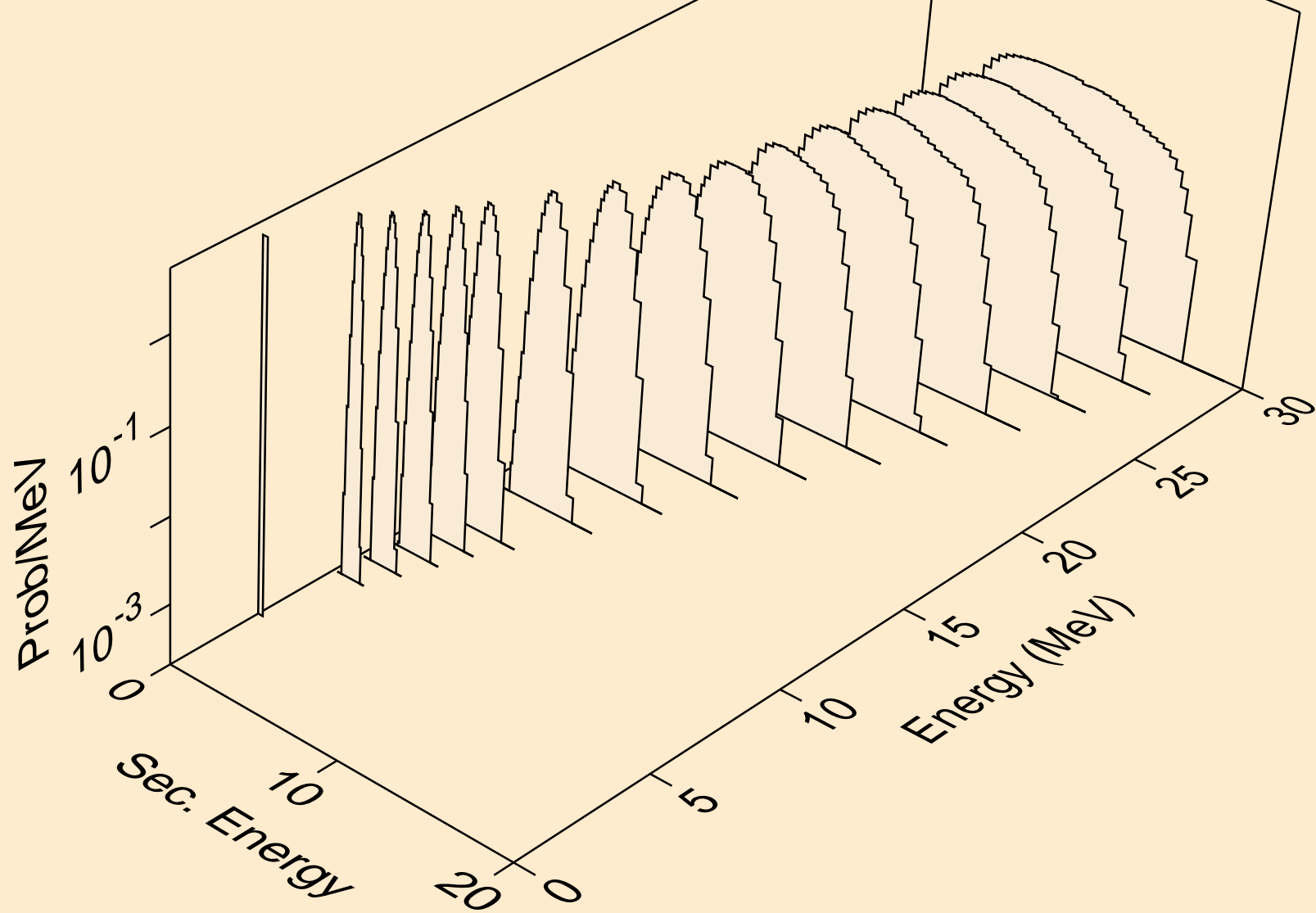
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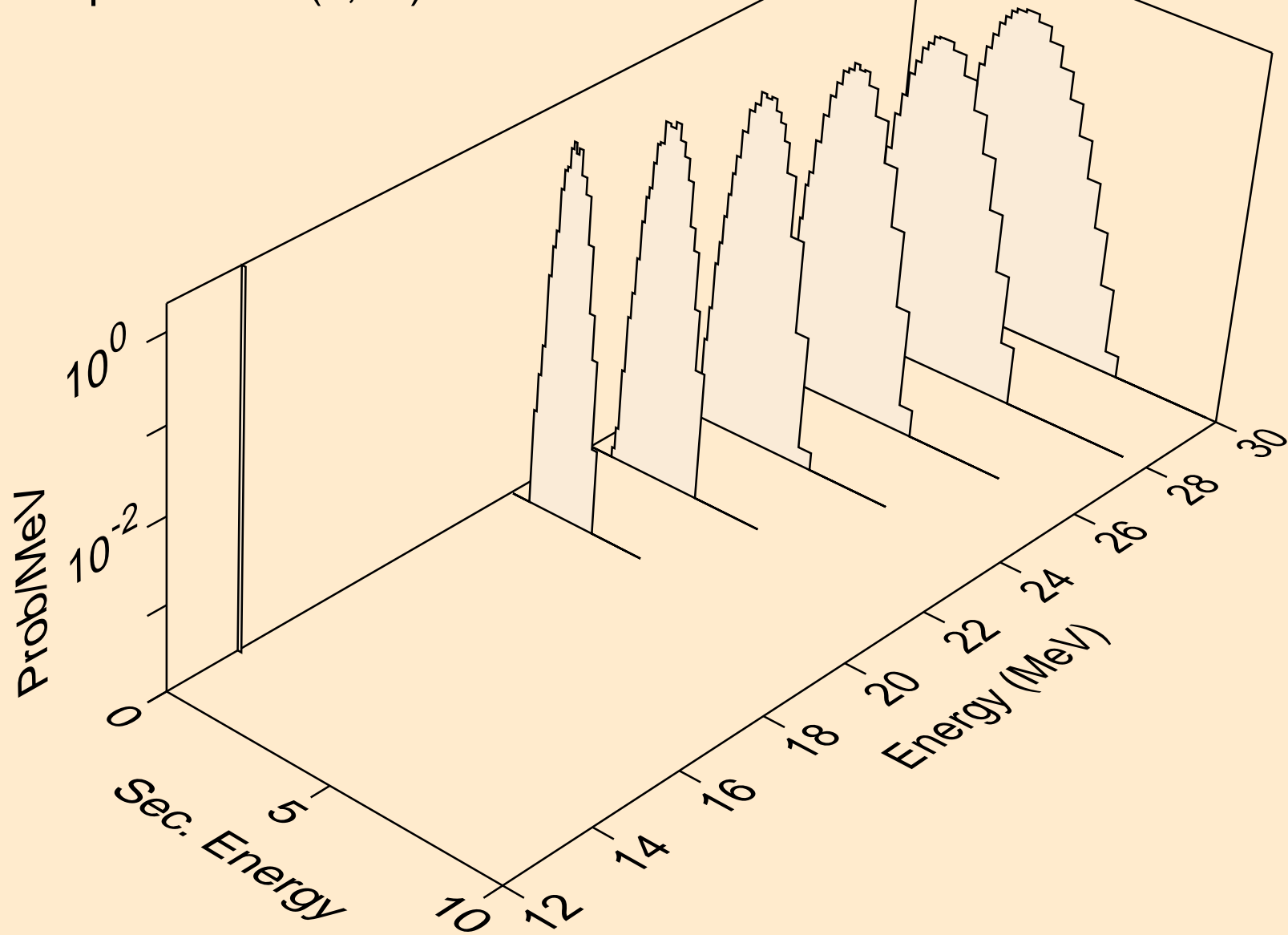
NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)

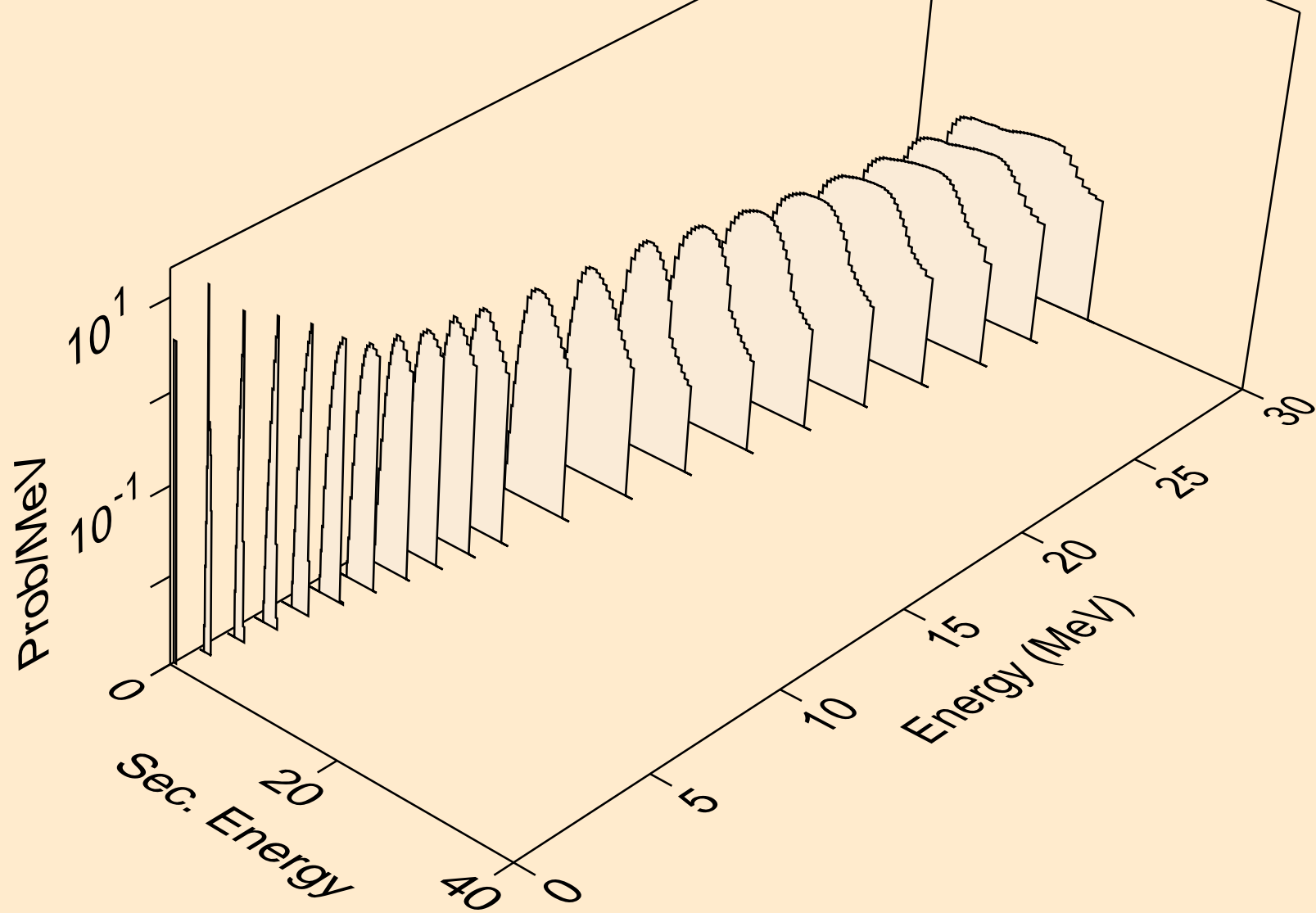


NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3a)

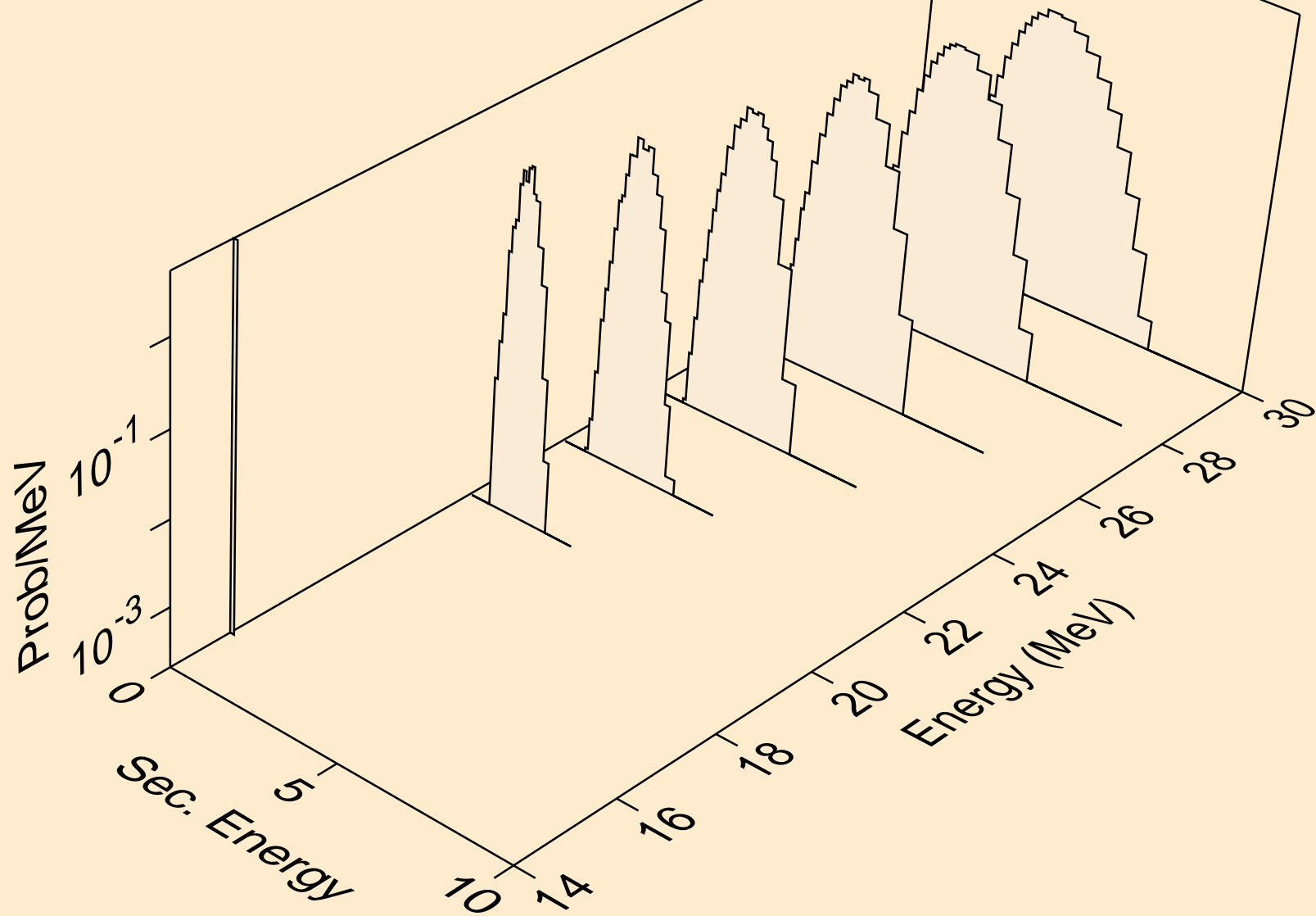




NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,d2a)



NA021 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

