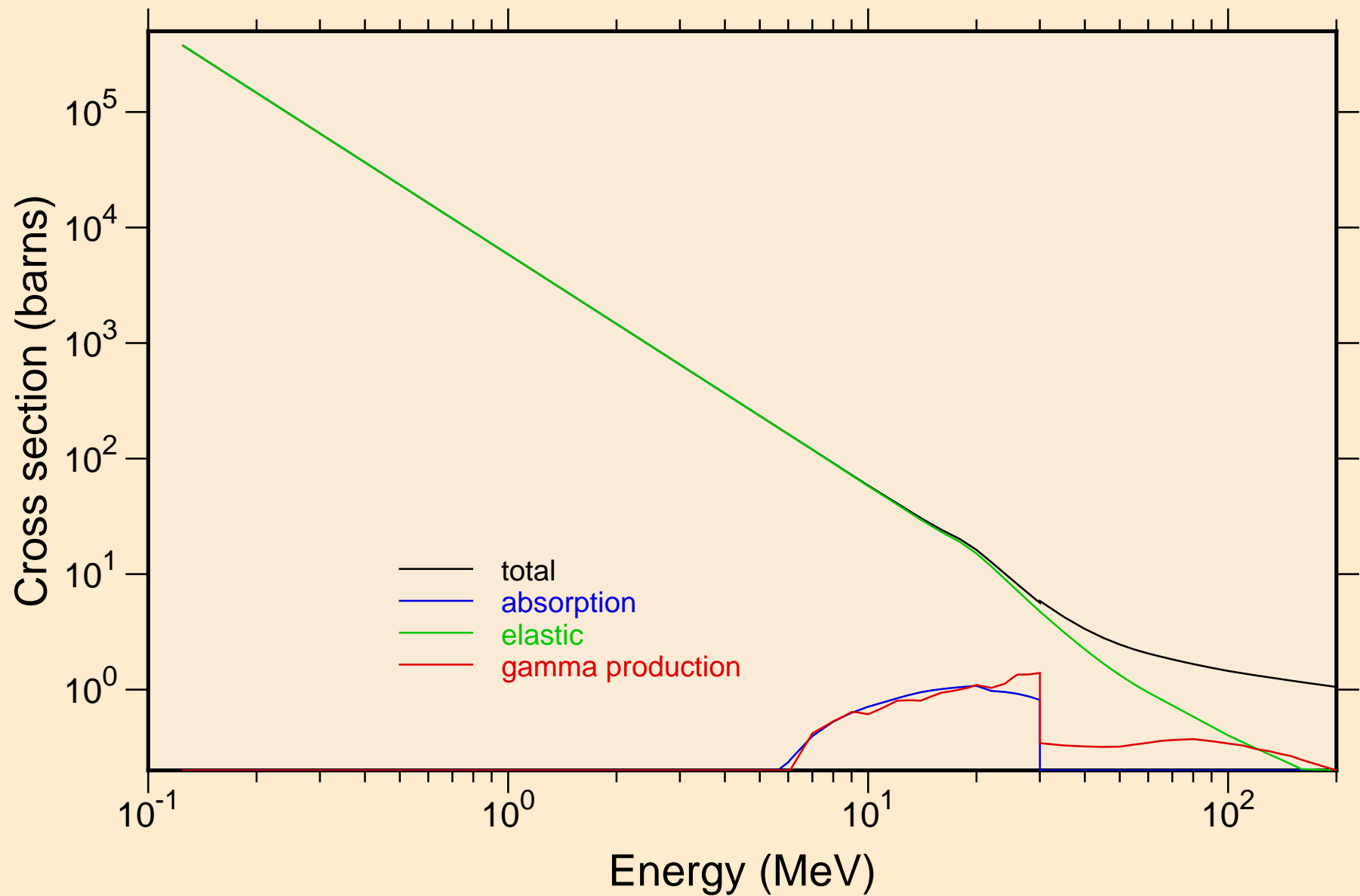


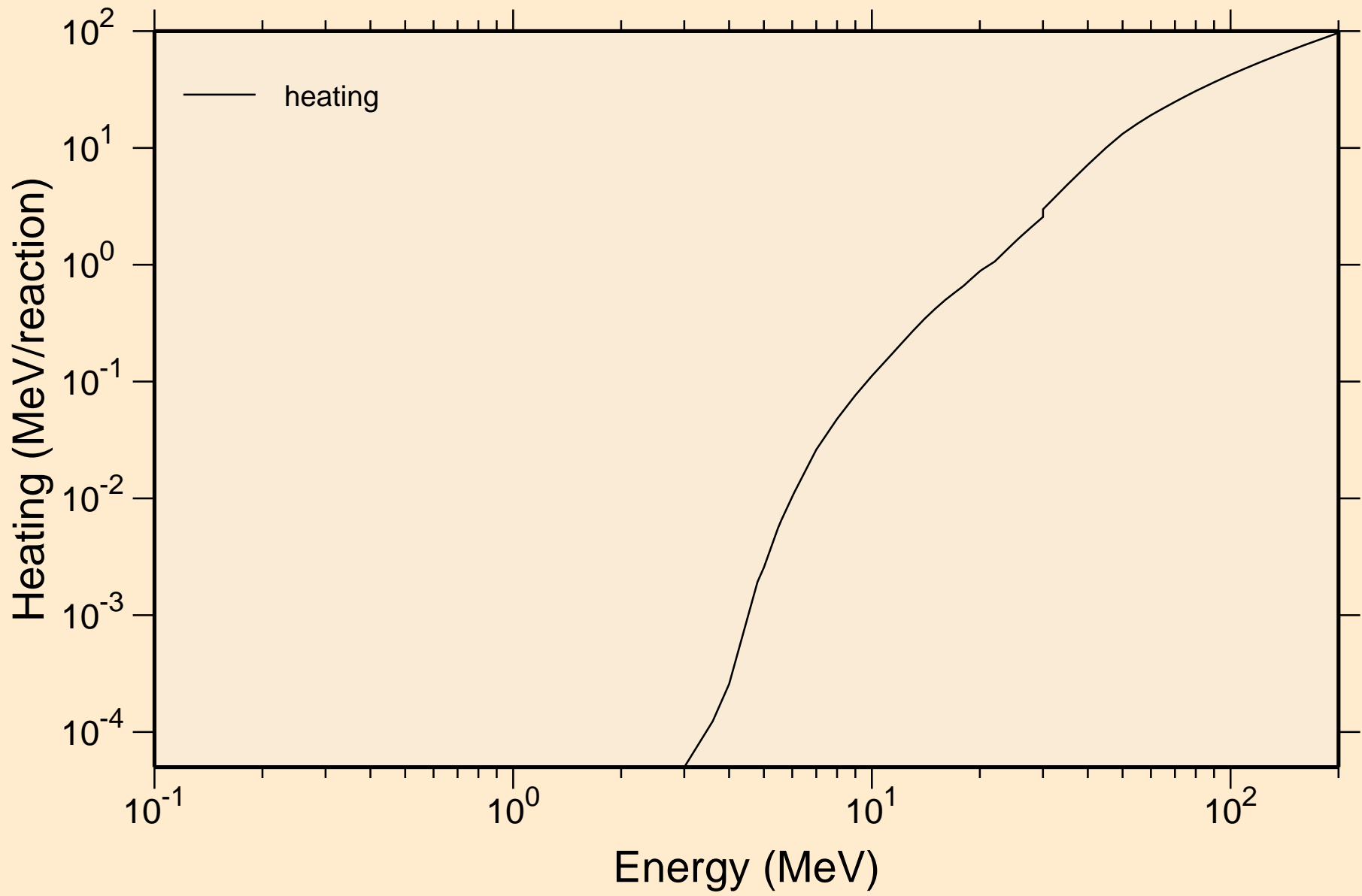
# SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



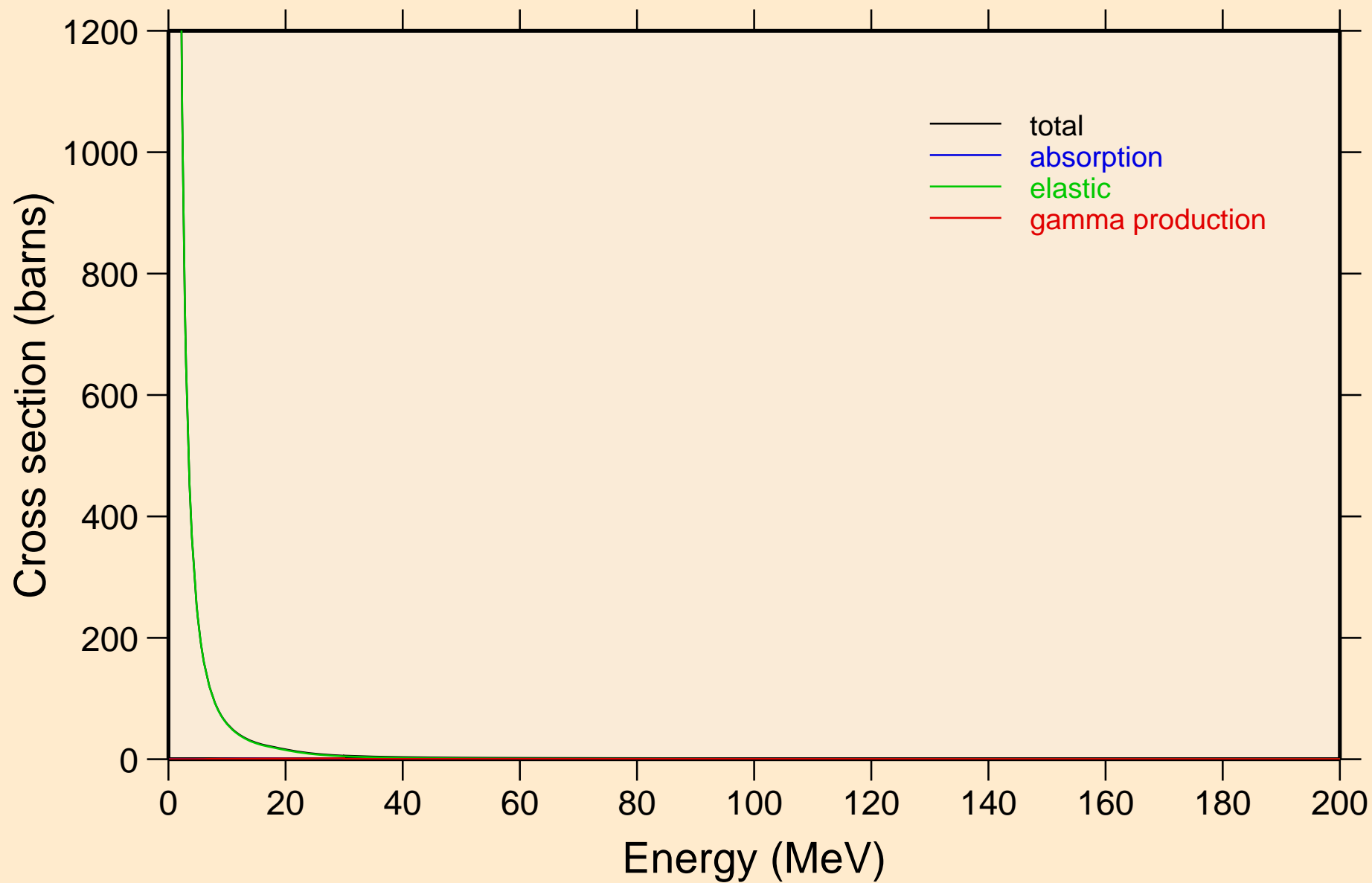
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



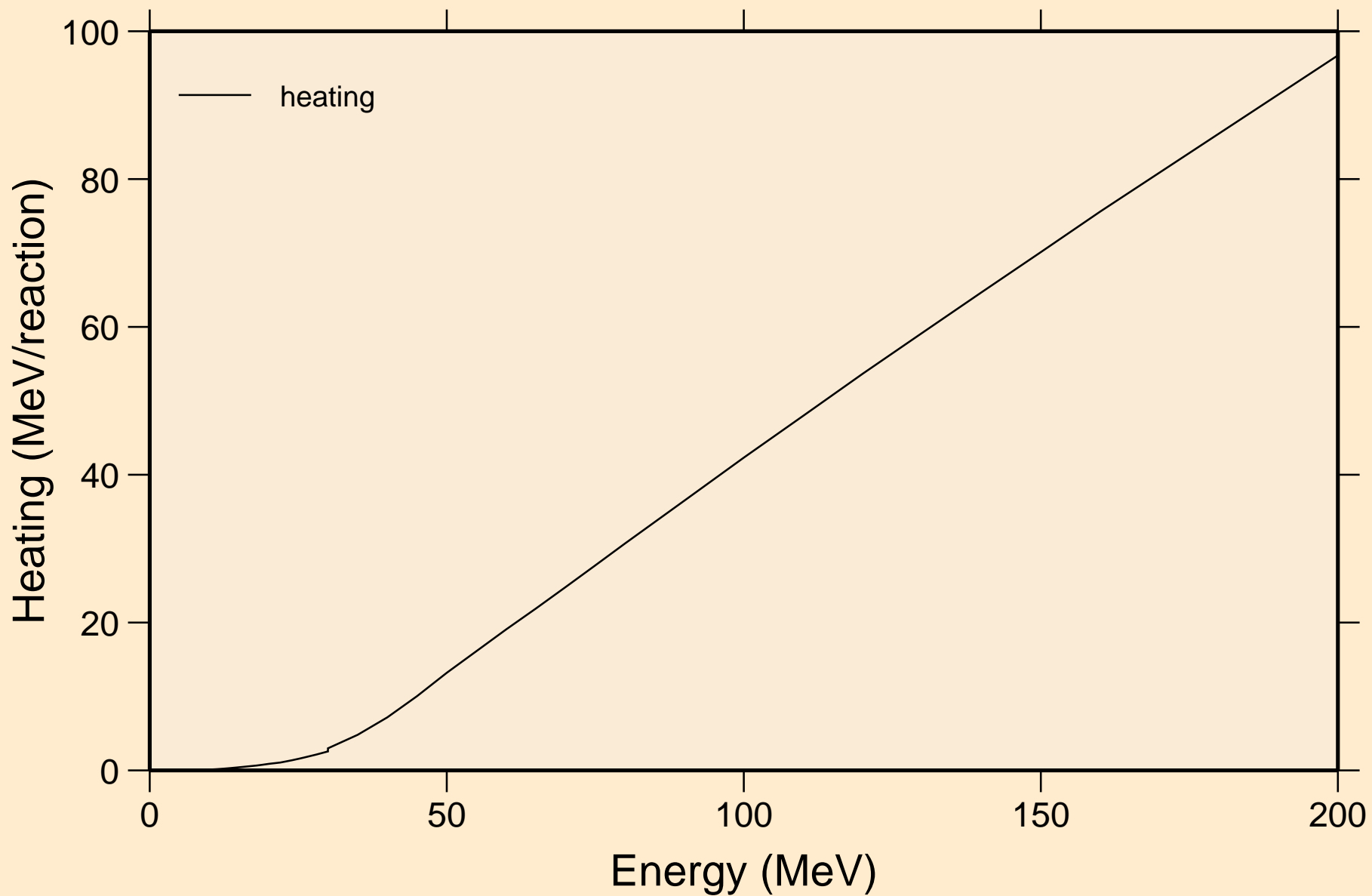
# SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



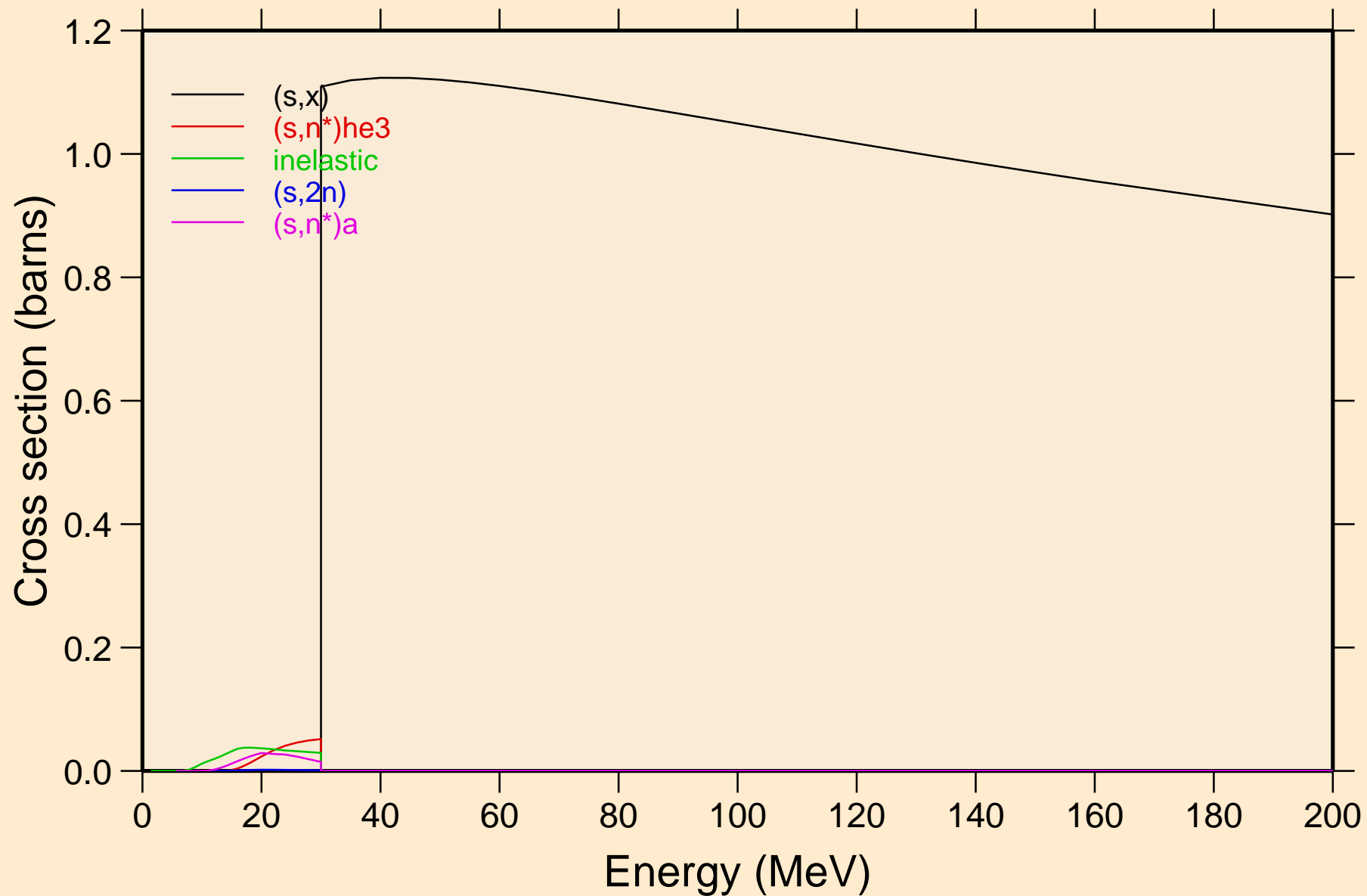
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating

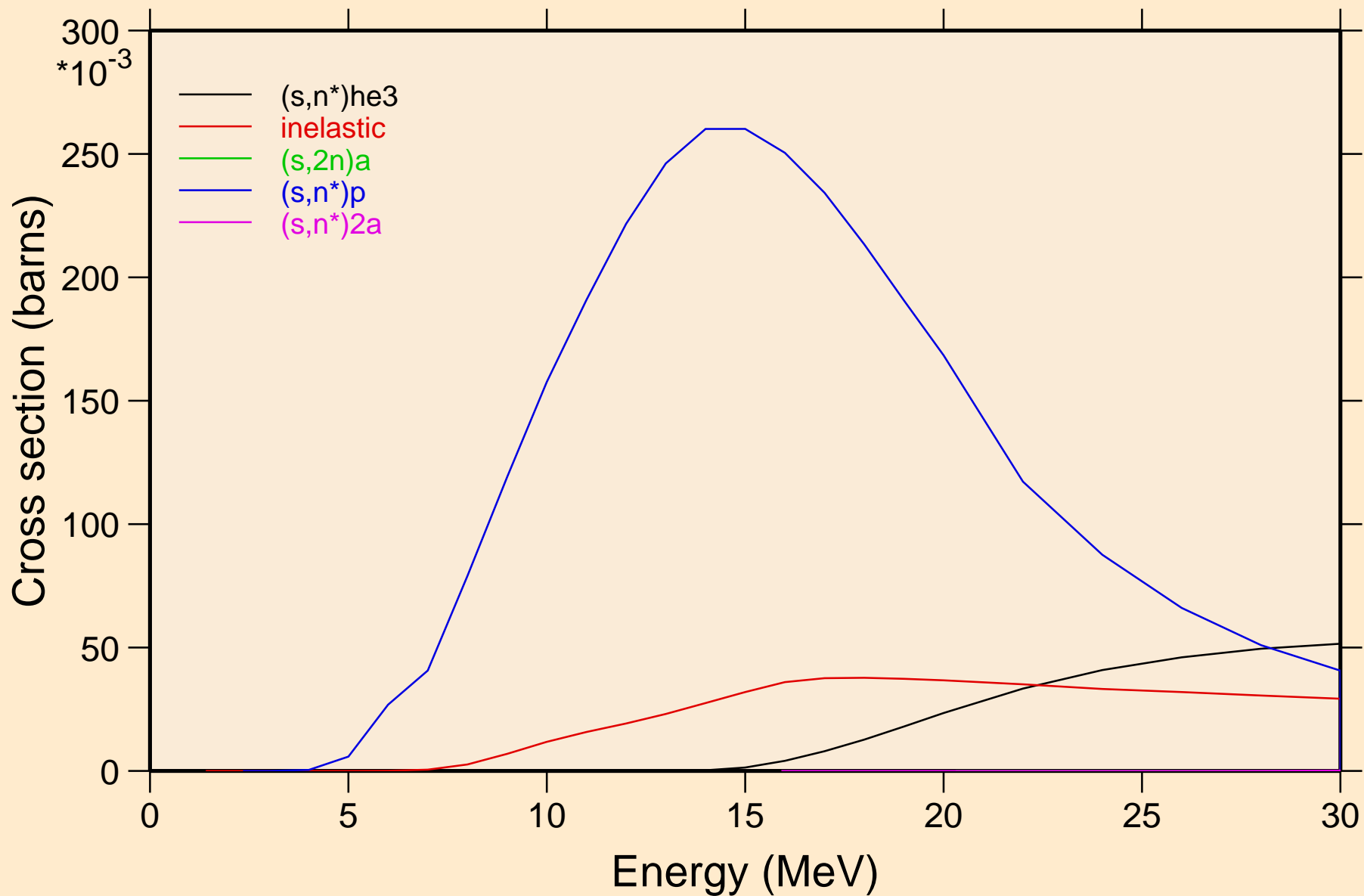


# SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K

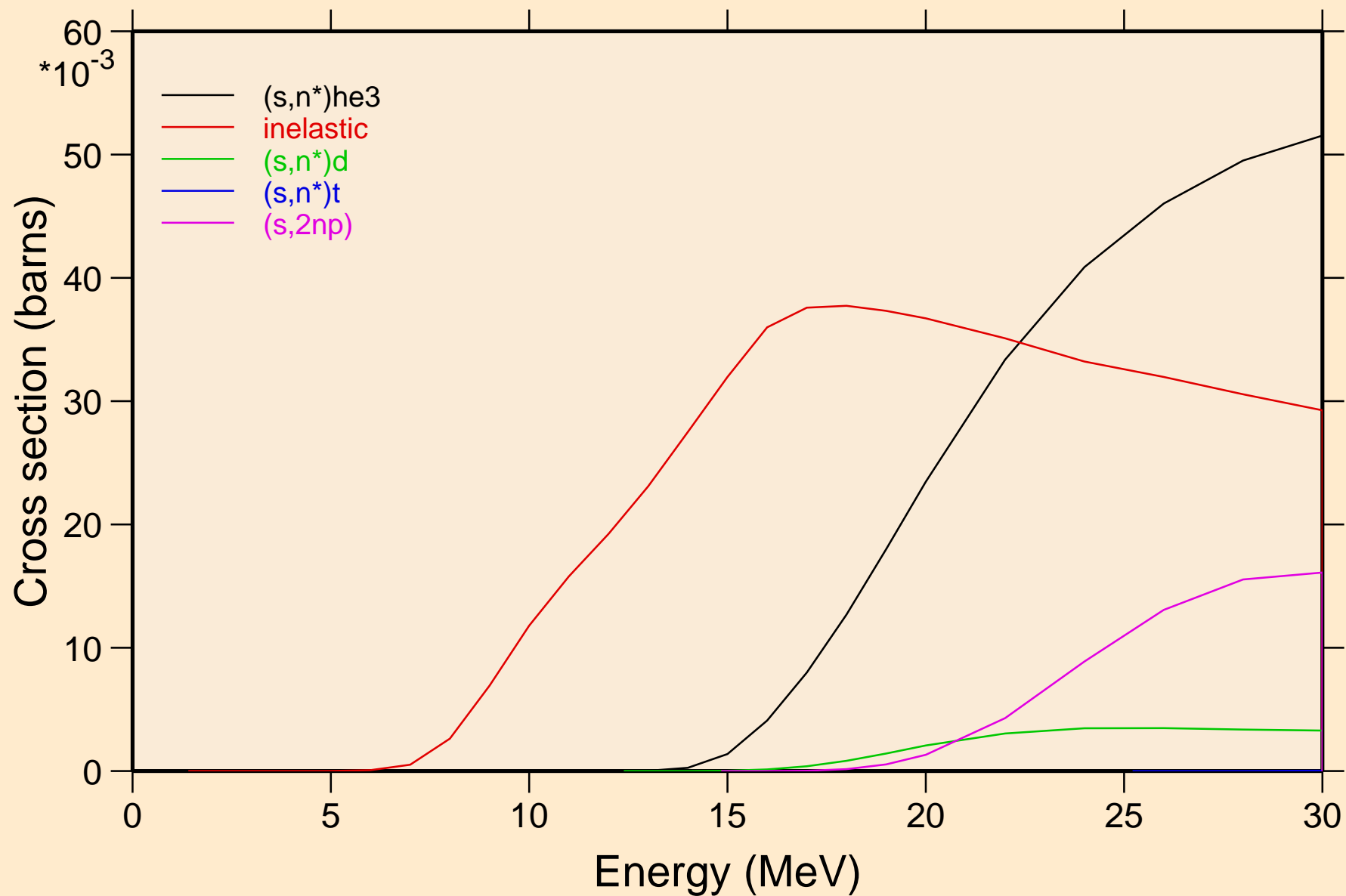
## Threshold reactions



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

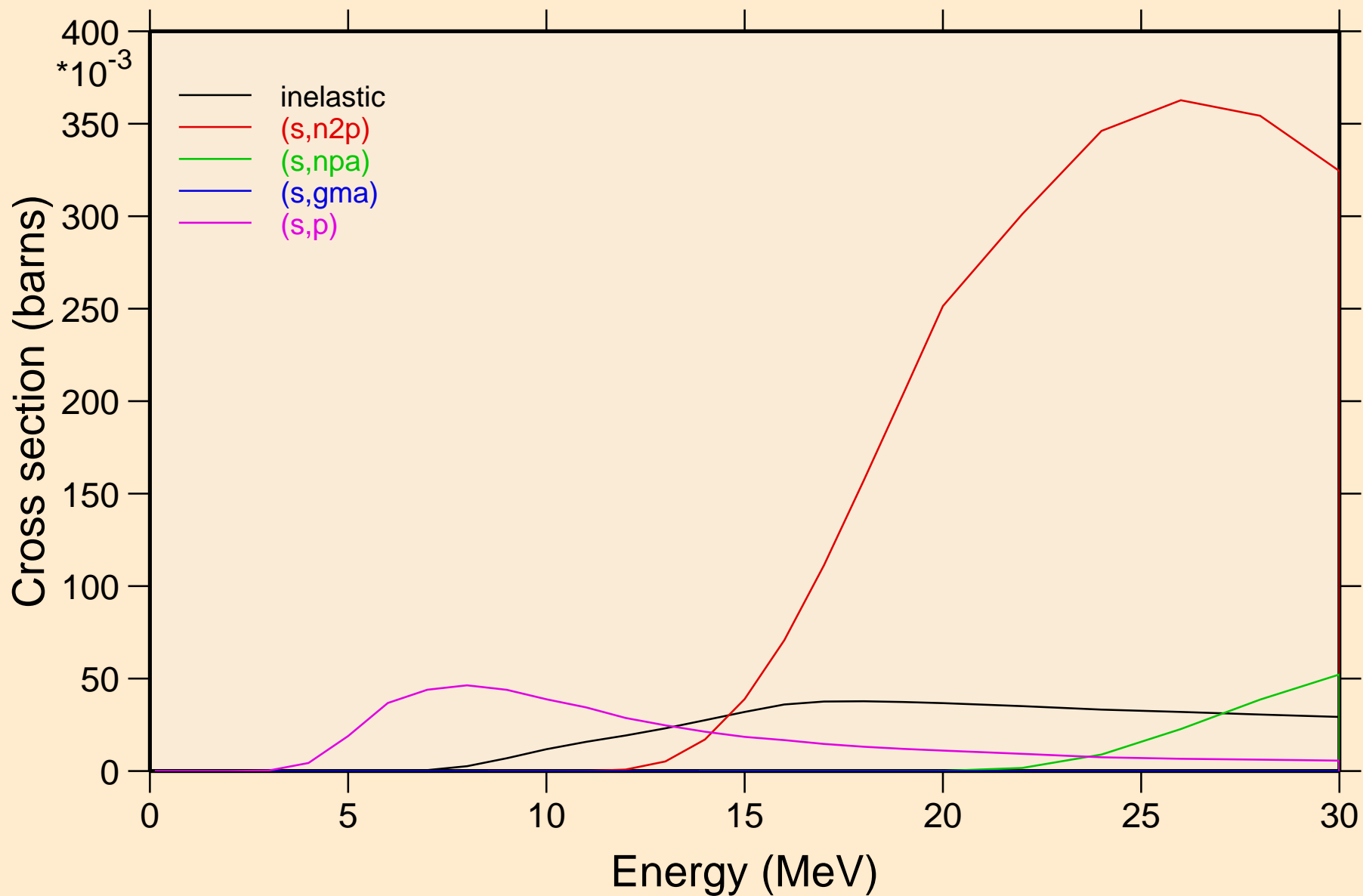


SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



# SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K

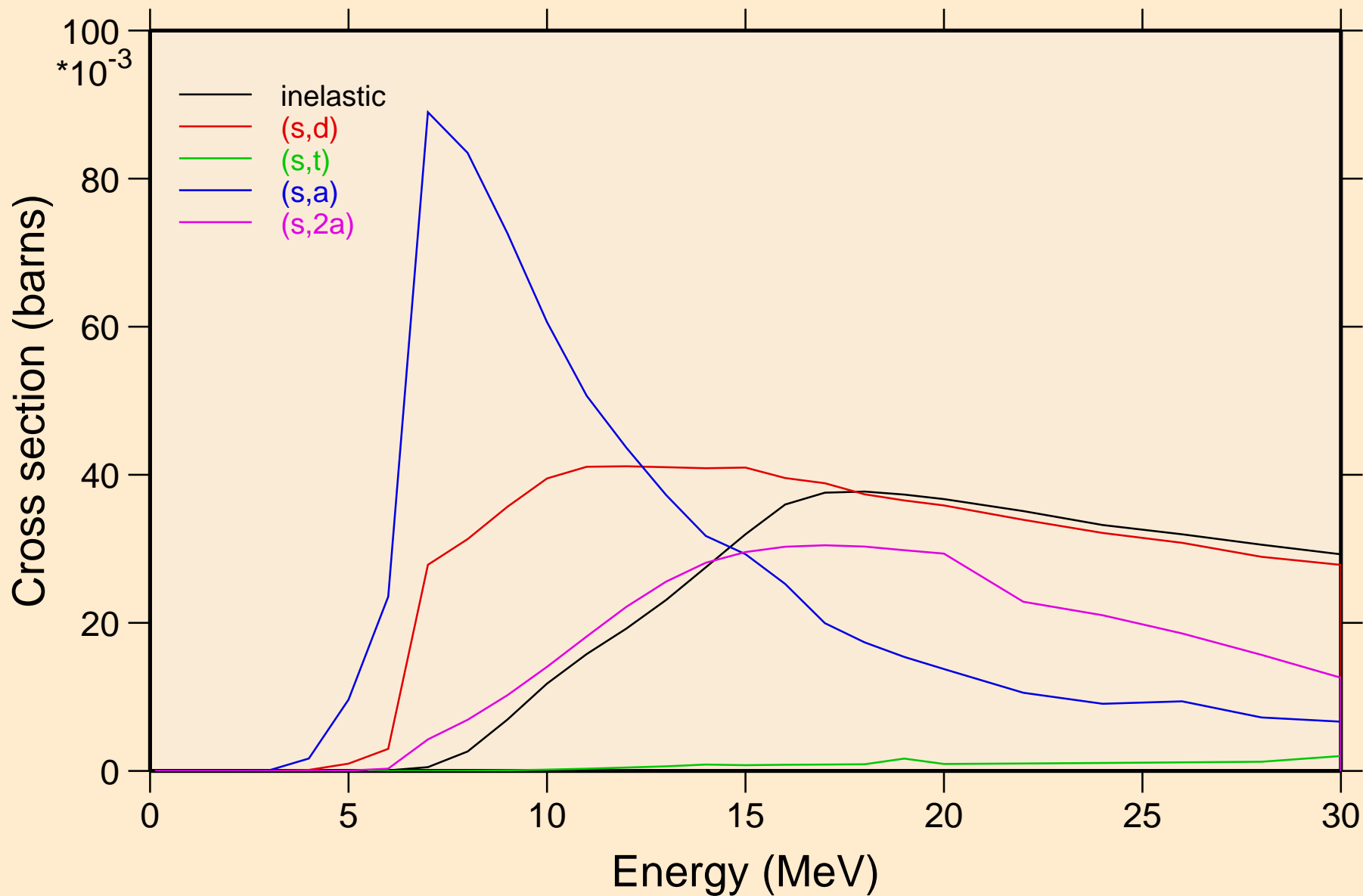
## Threshold reactions



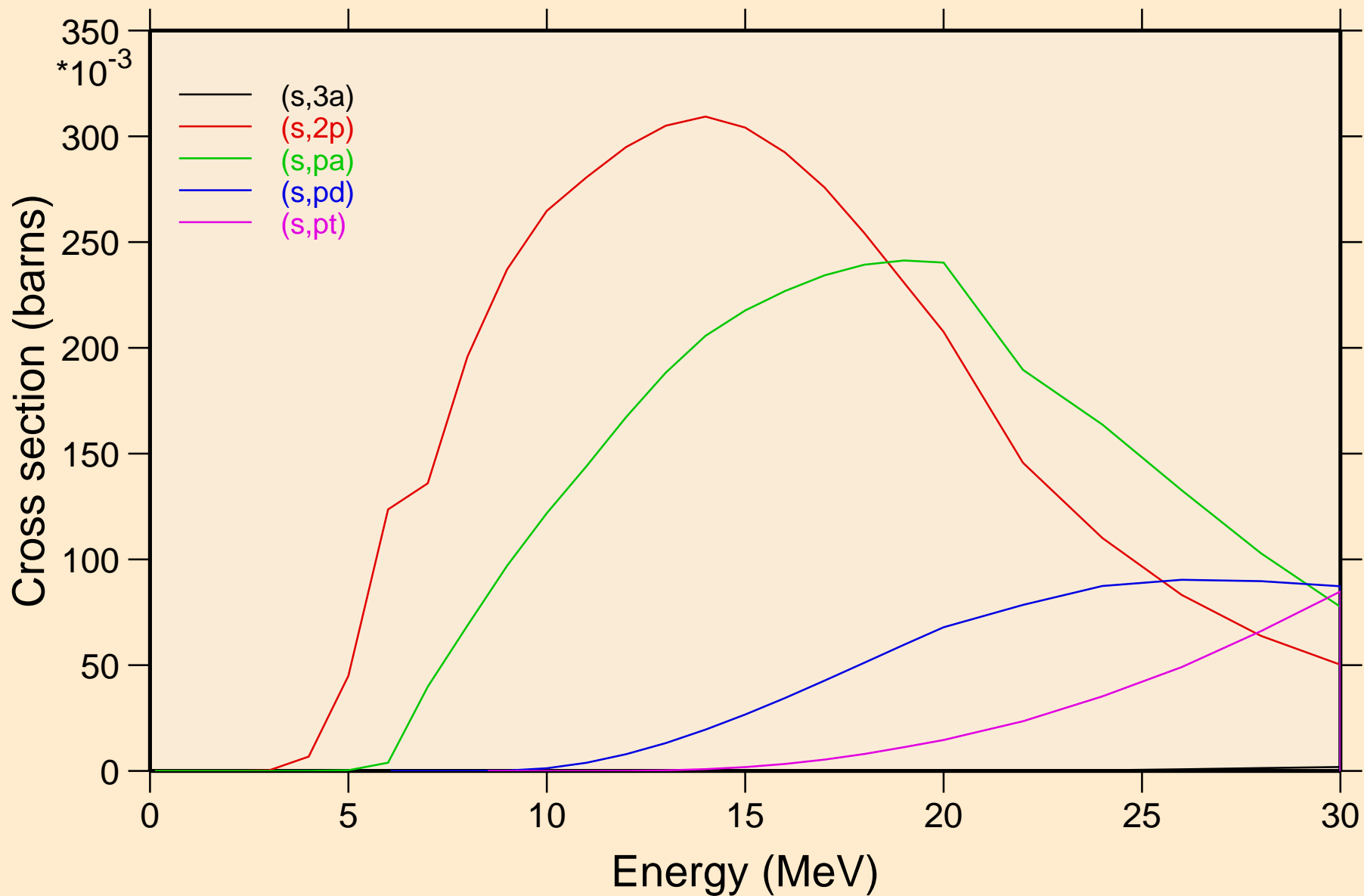


# SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

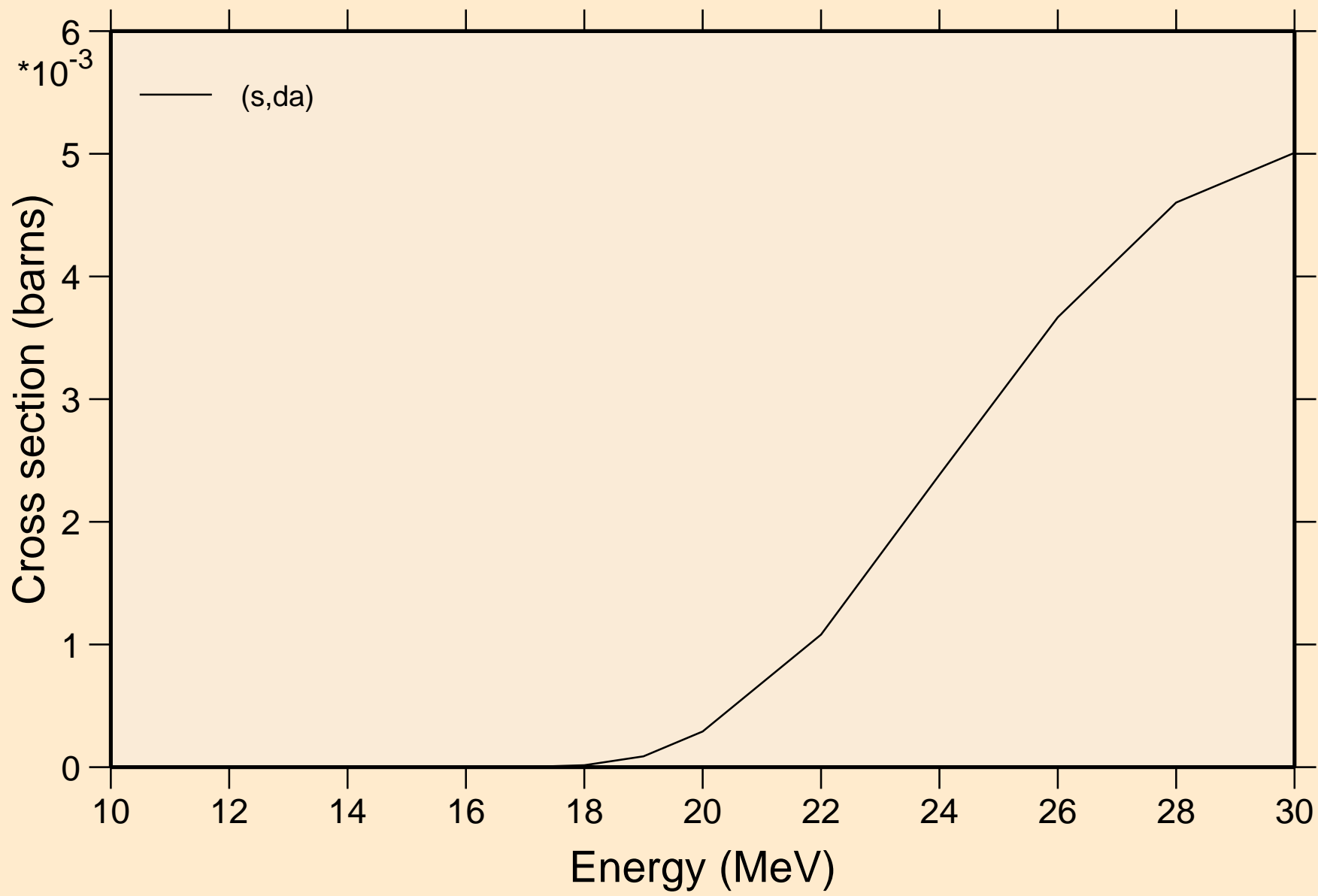


SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

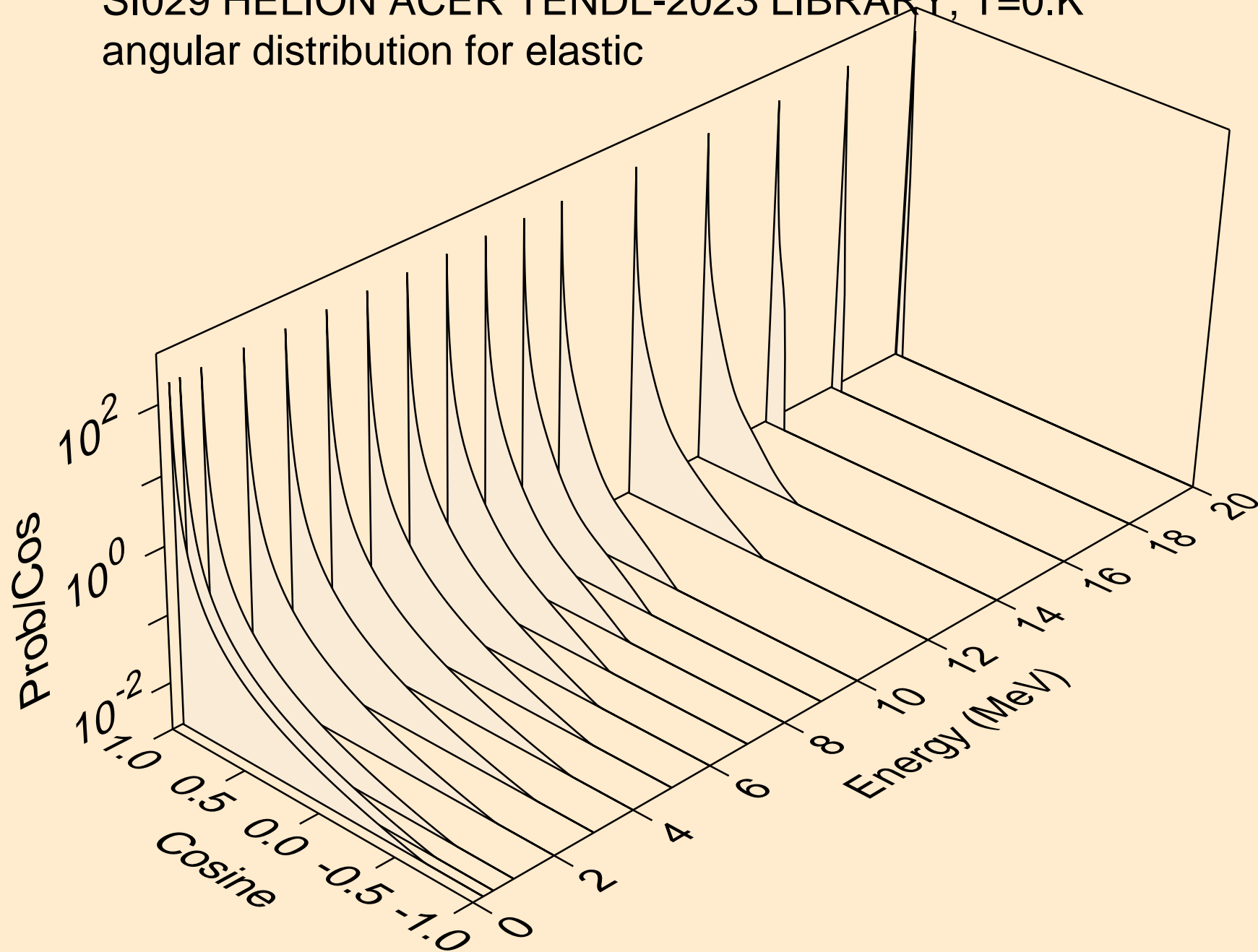


SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K

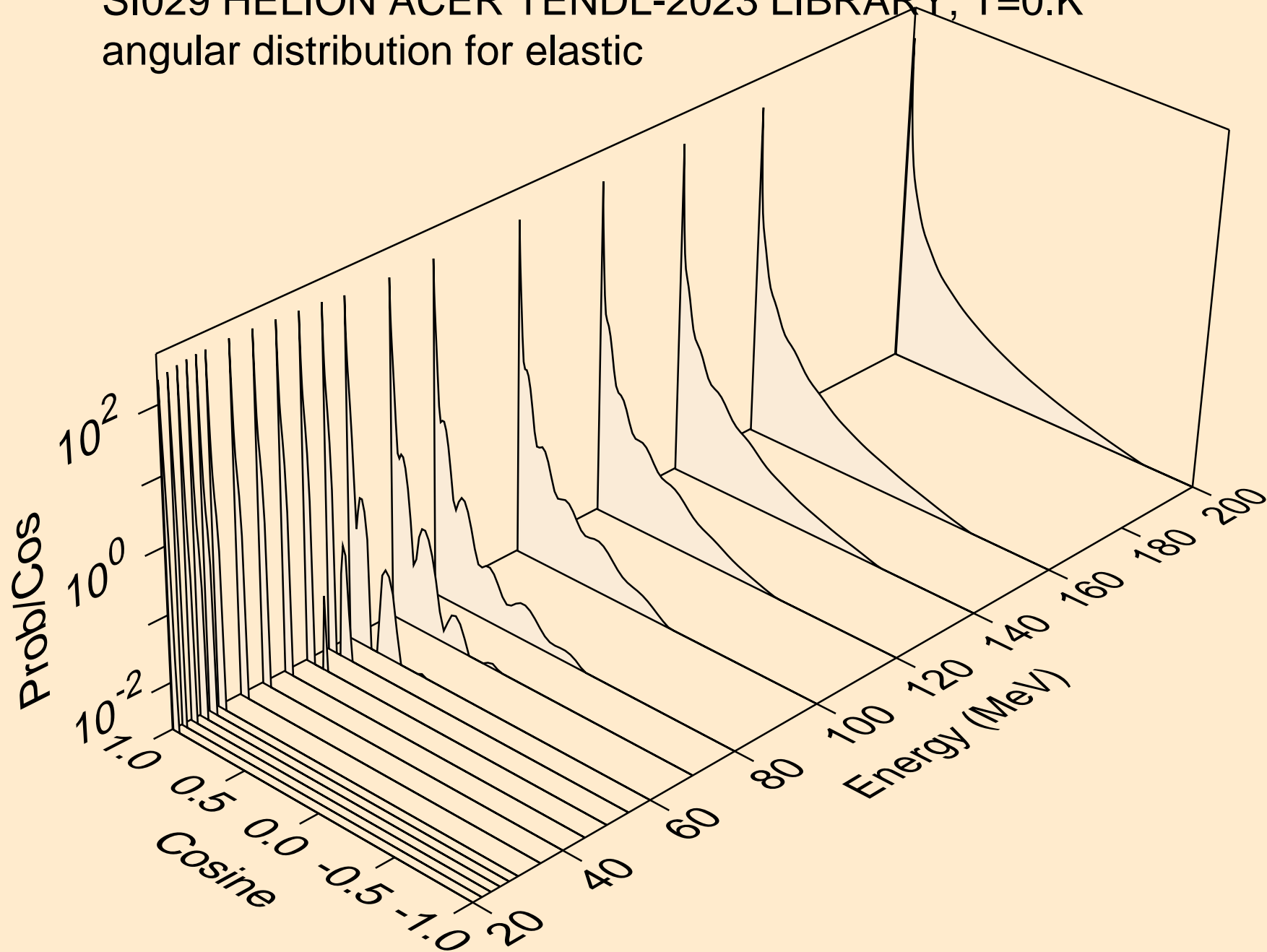
Threshold reactions



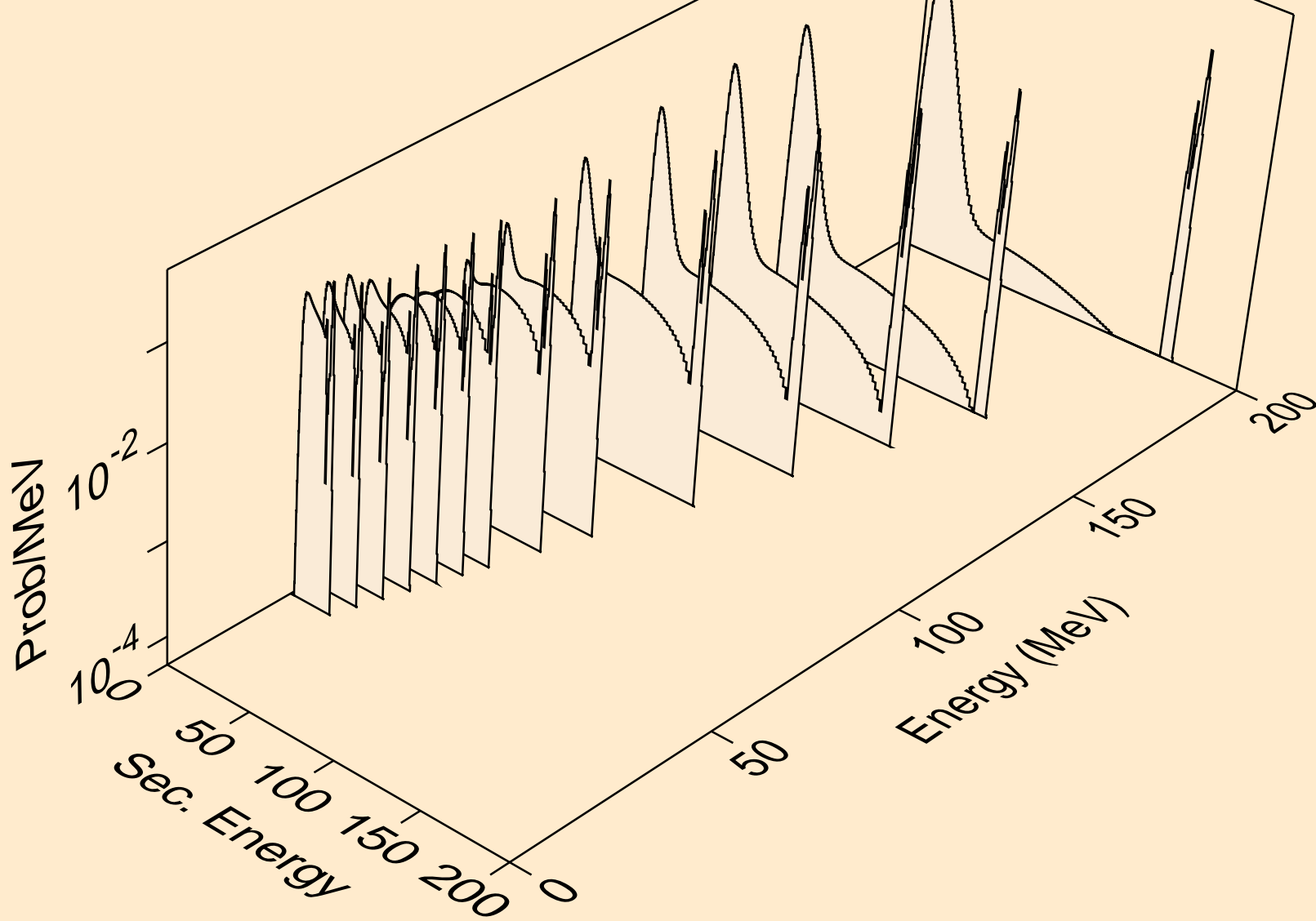
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



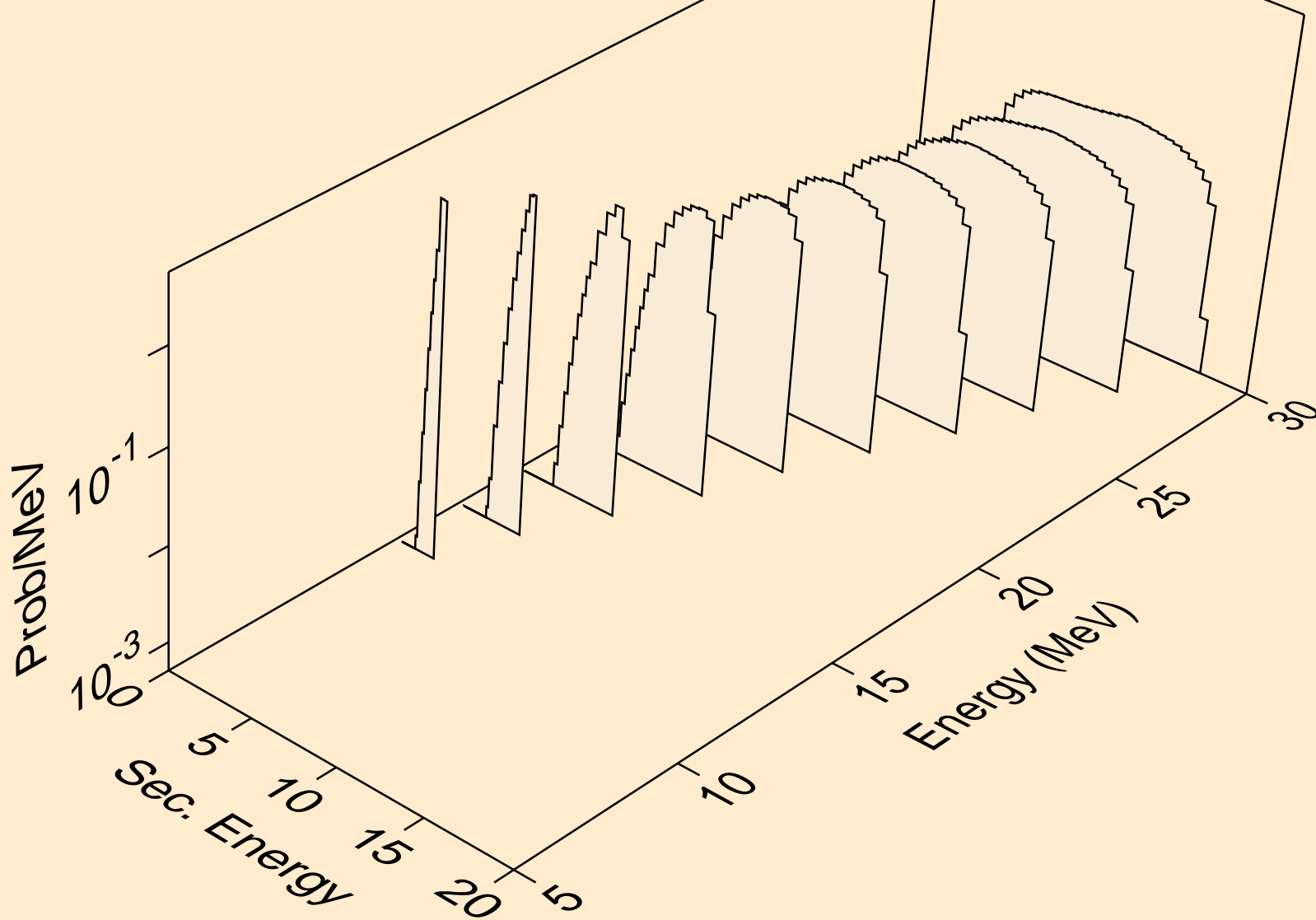
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



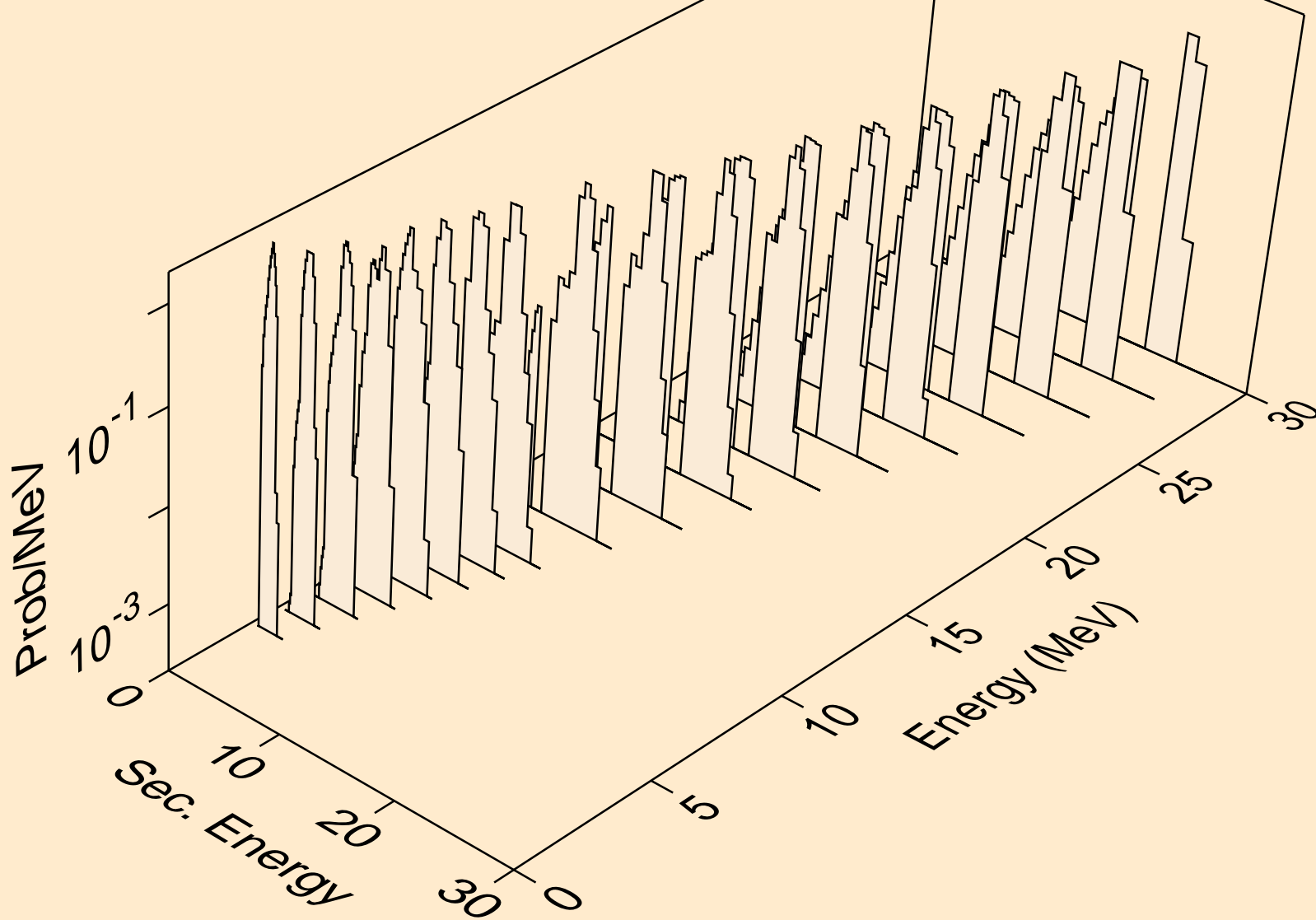
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

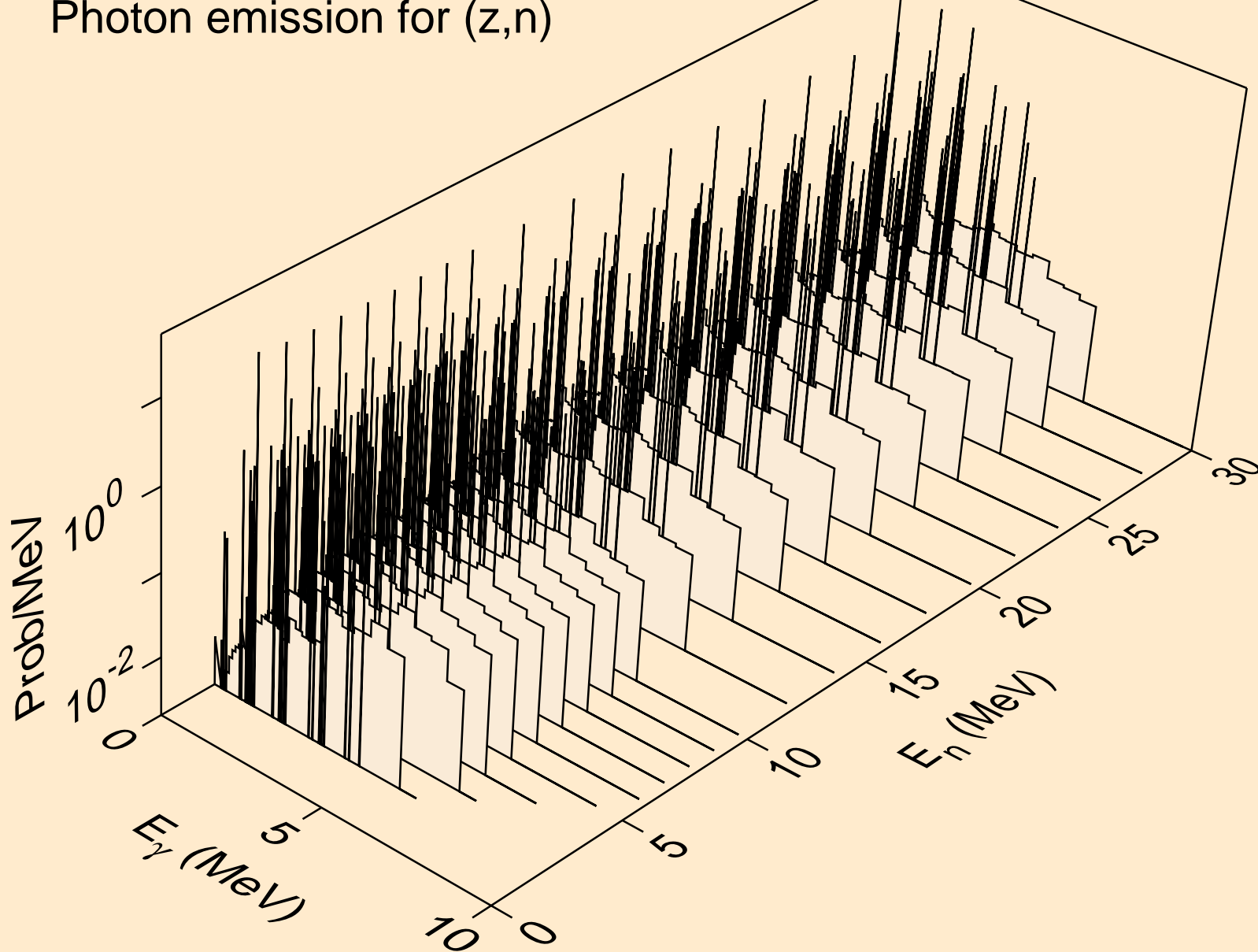


SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



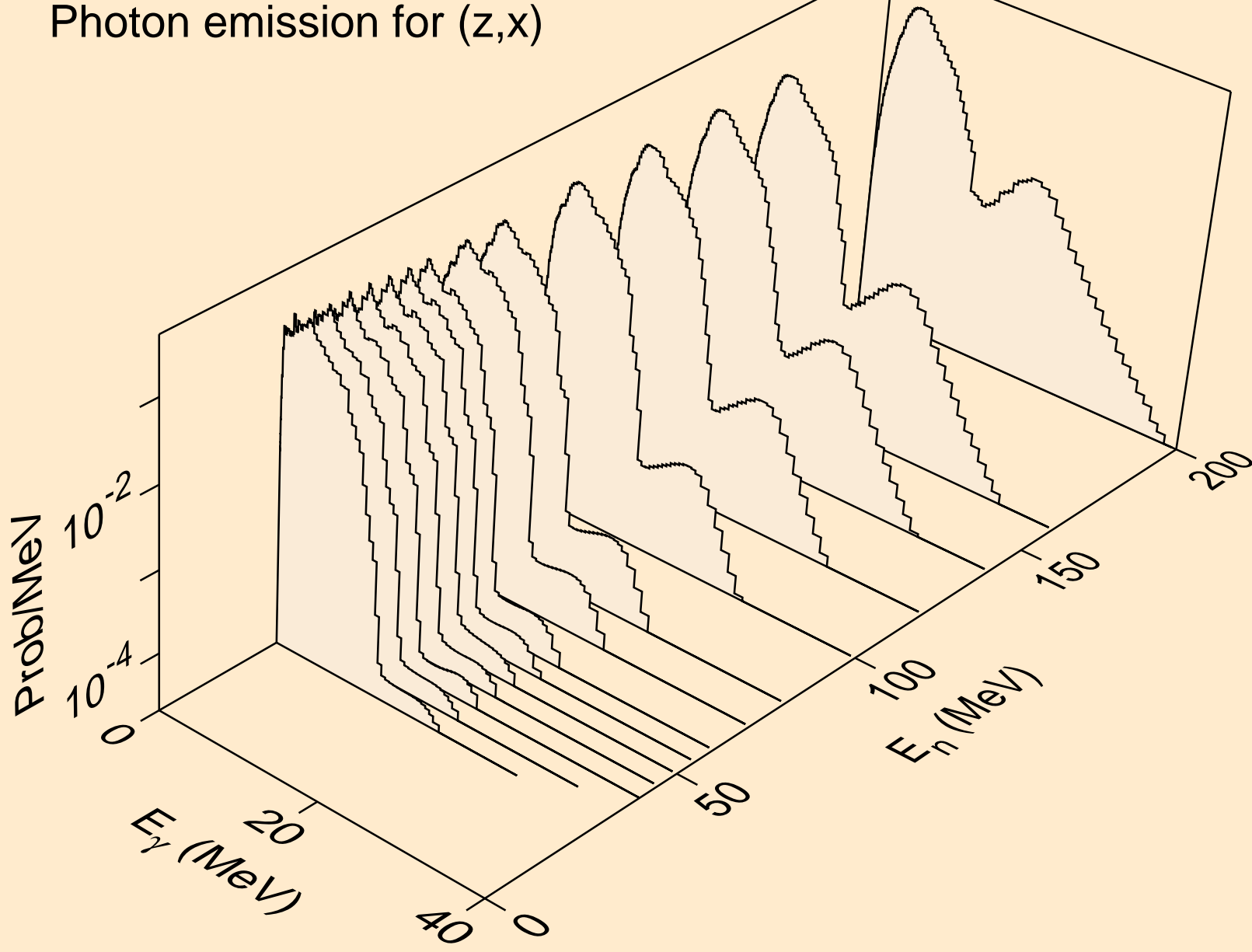


SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

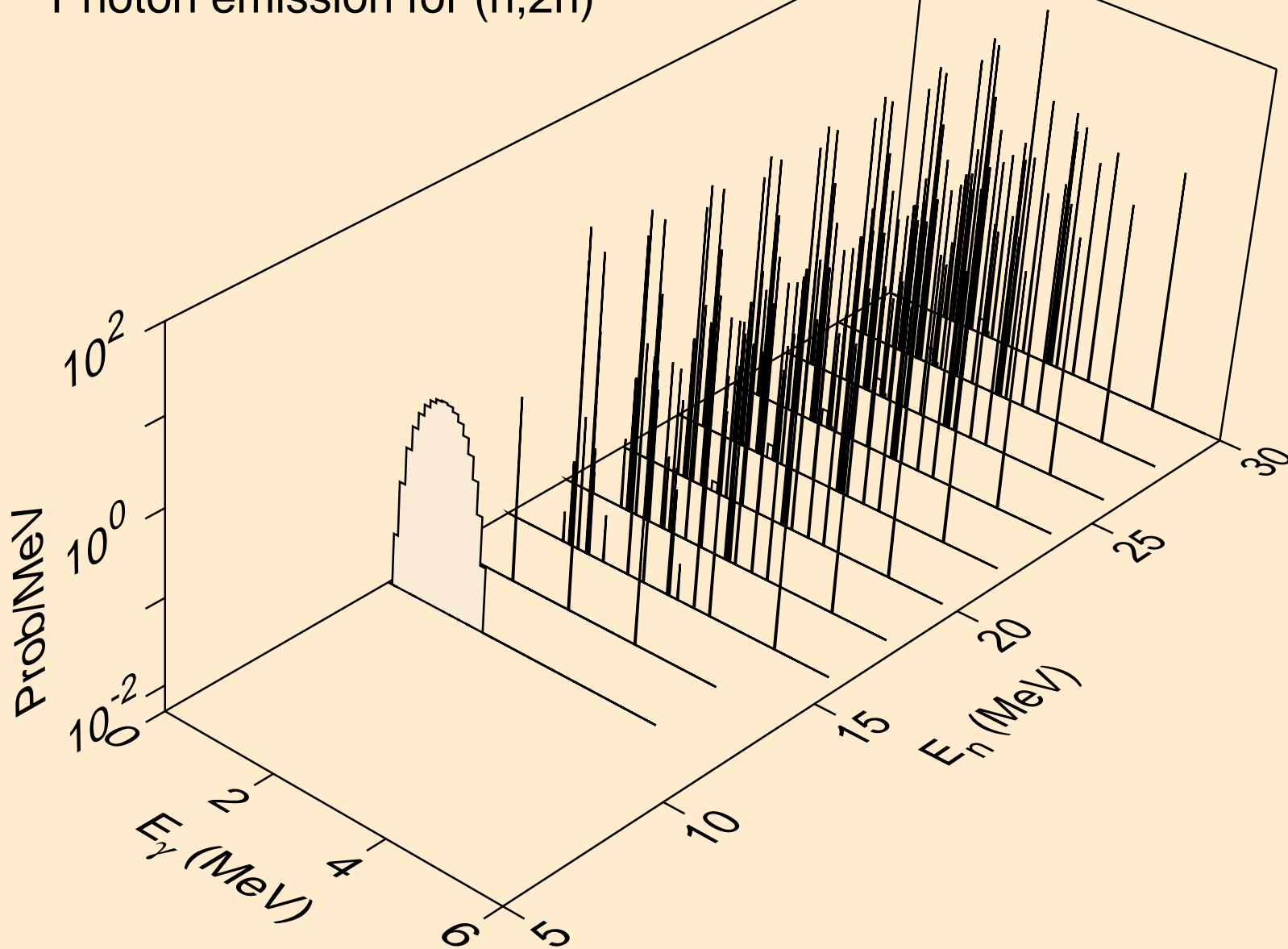


SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K

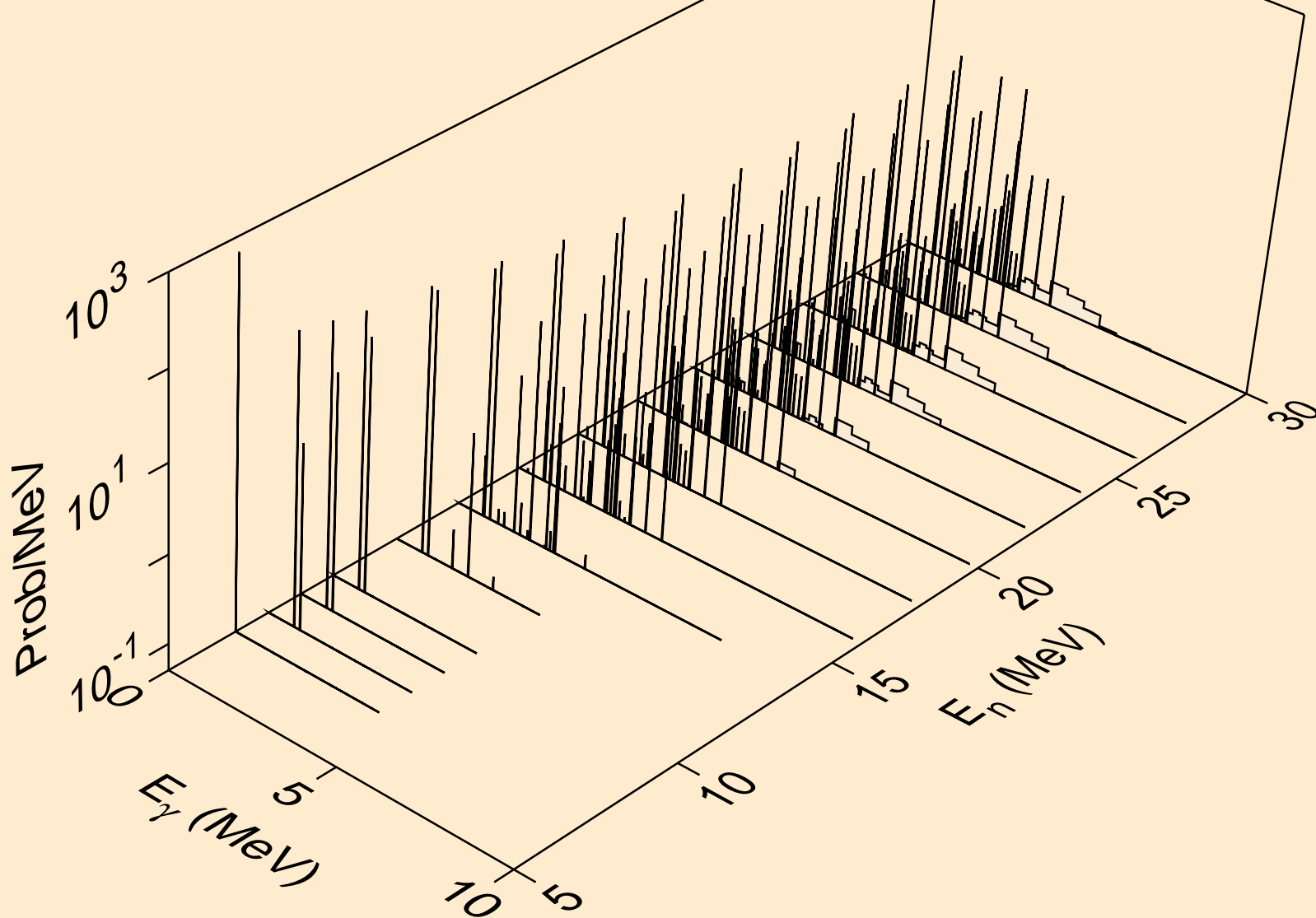
Photon emission for (z,x)



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

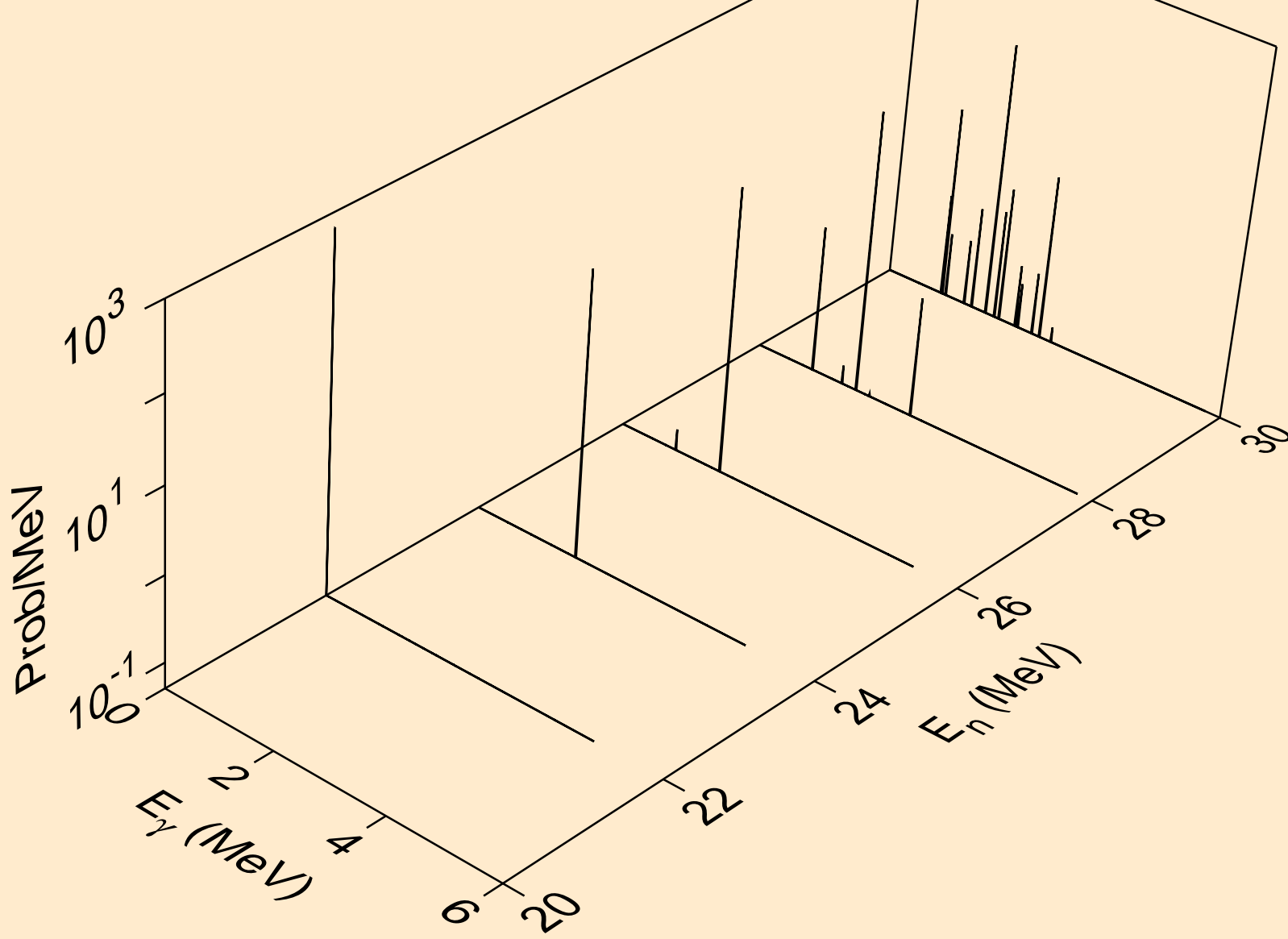


SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

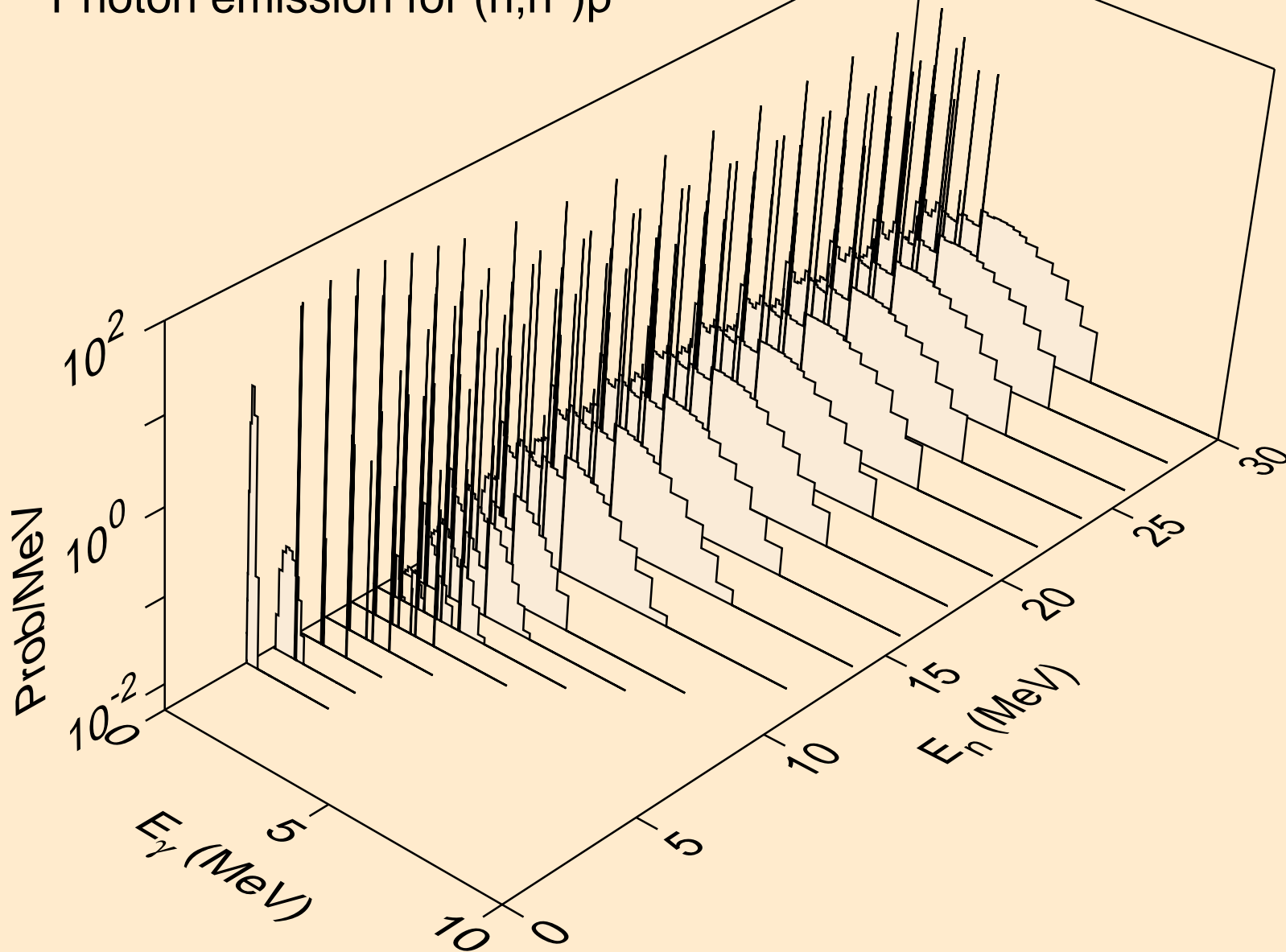


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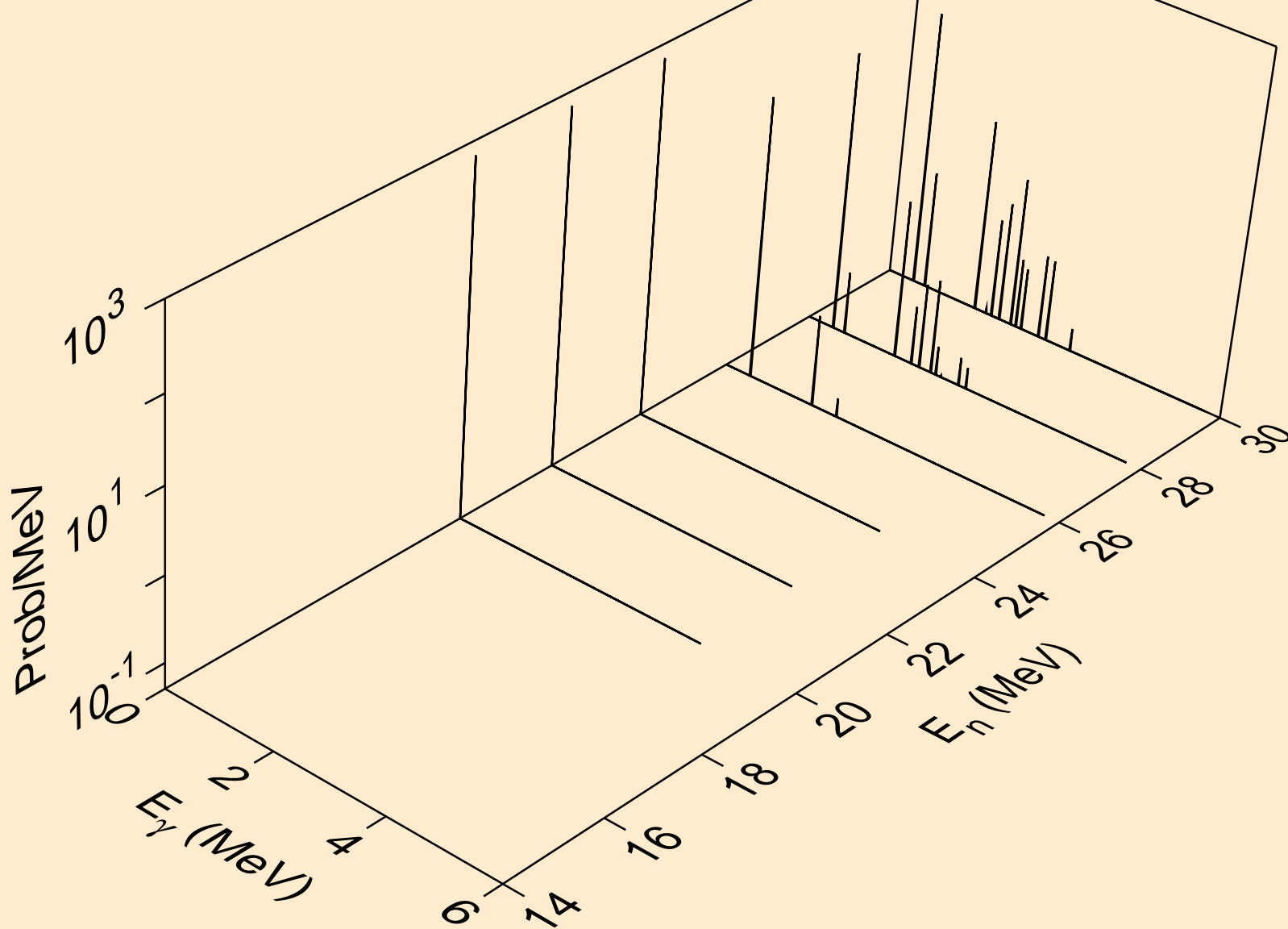
Photon emission for (n,2n)a



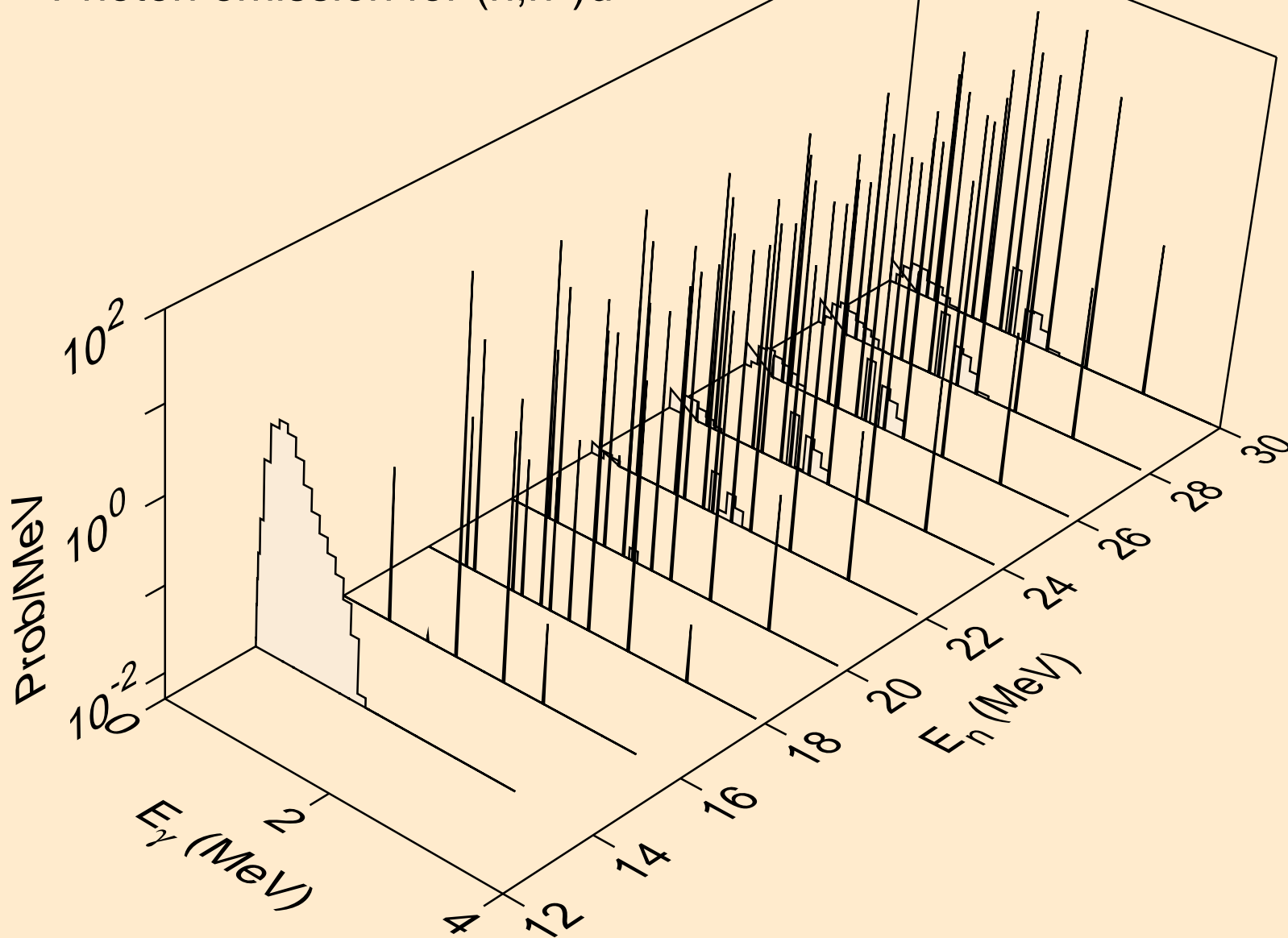
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

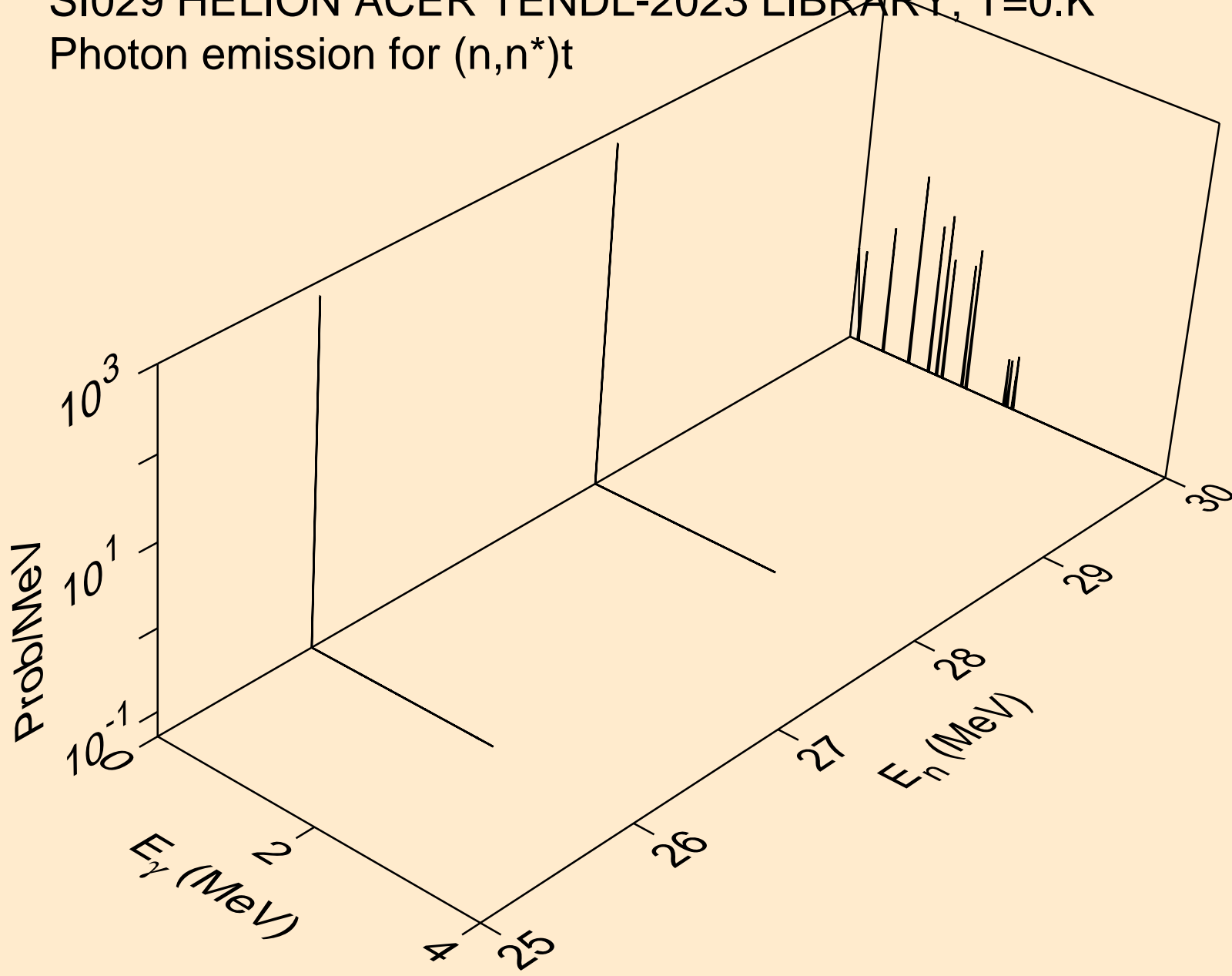


SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

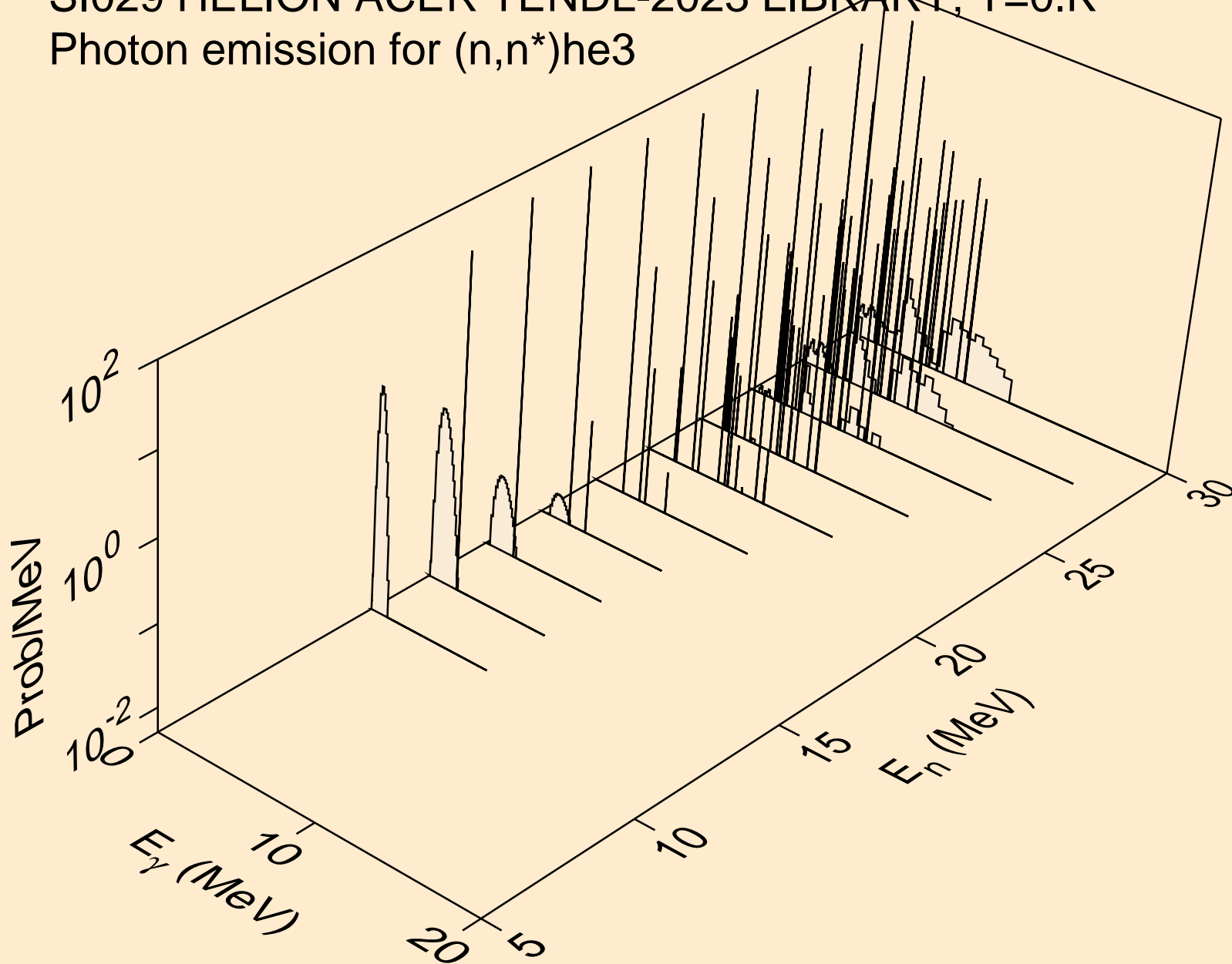




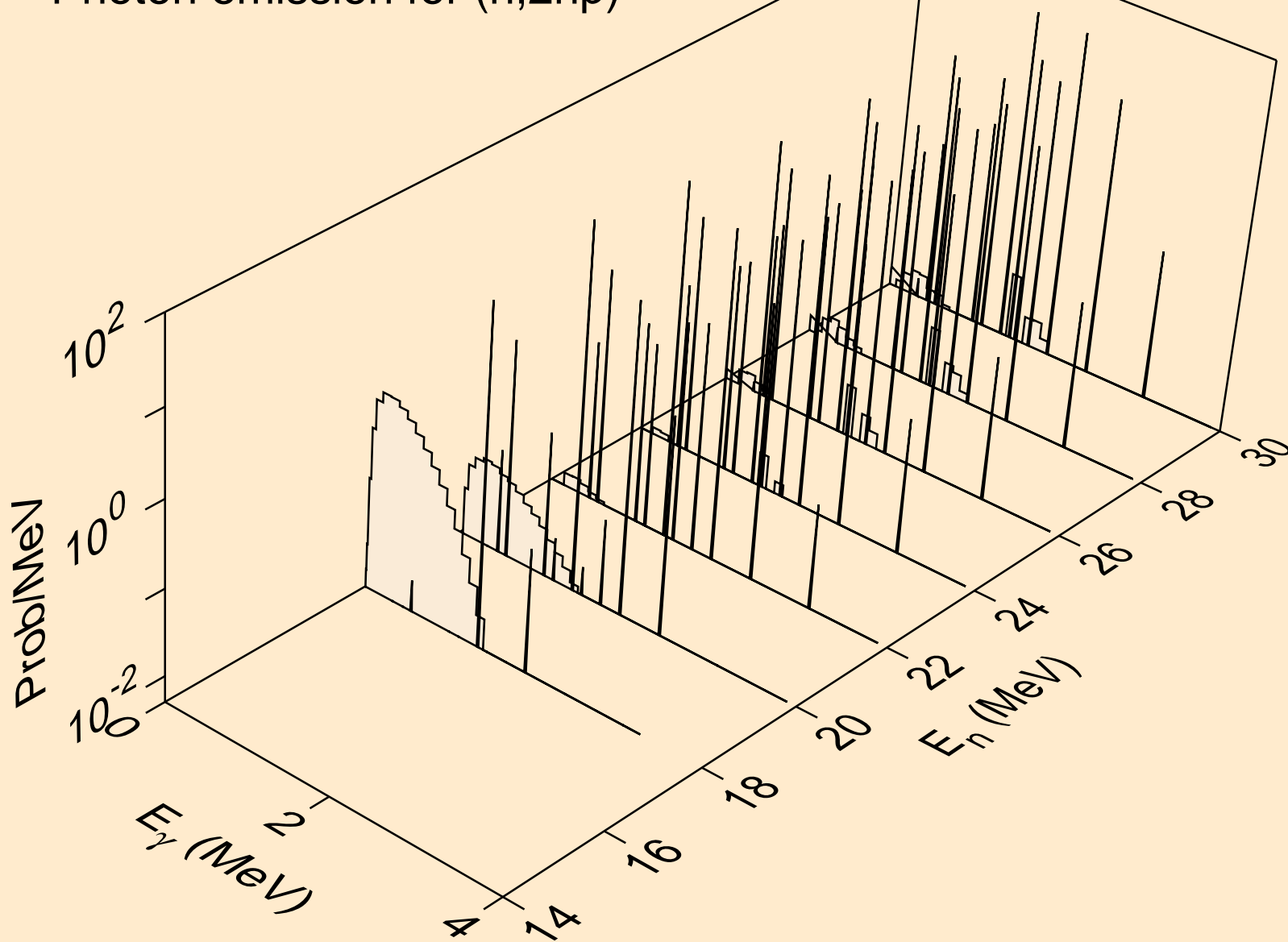
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



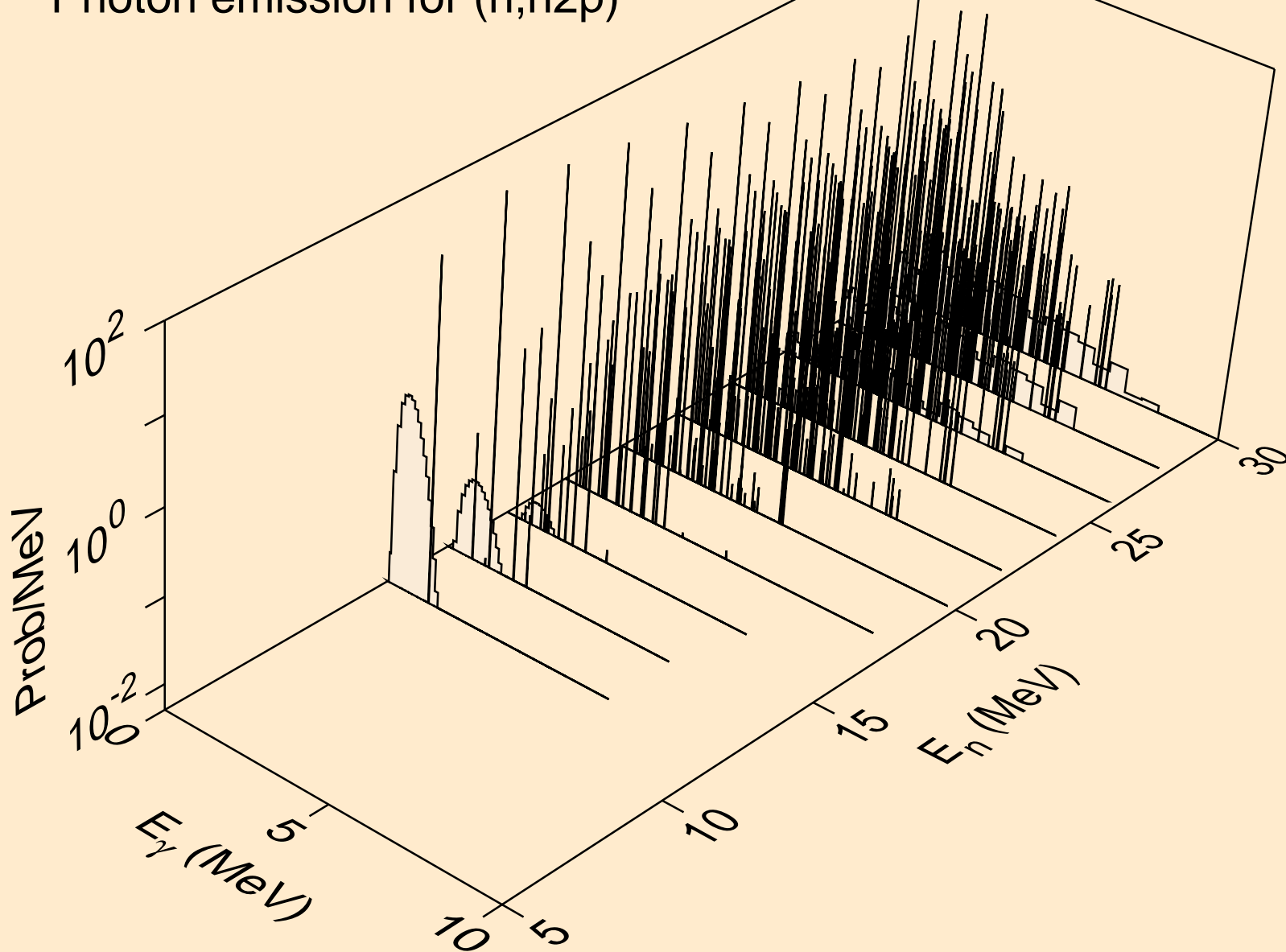
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



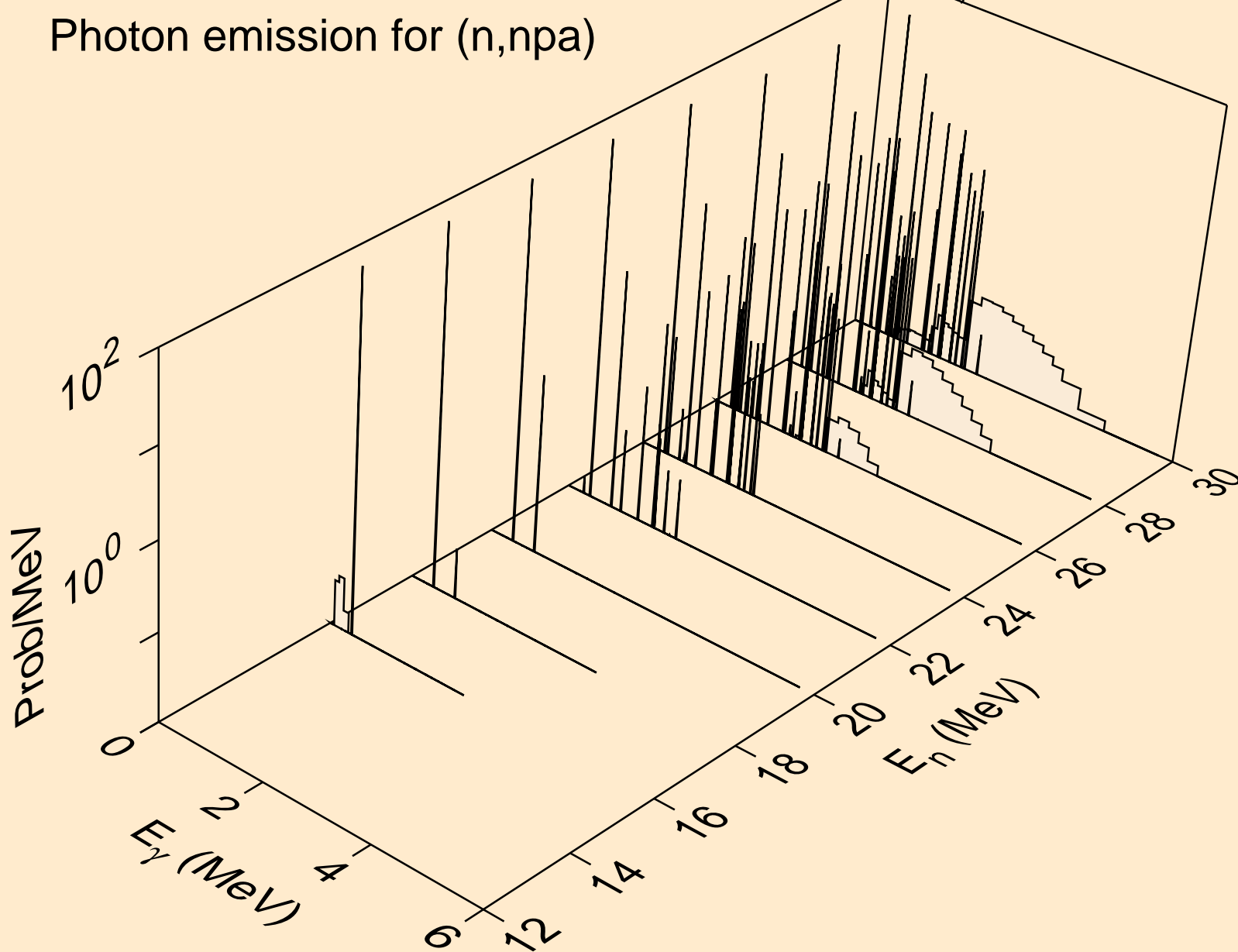
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Photon emission for (n,2np)



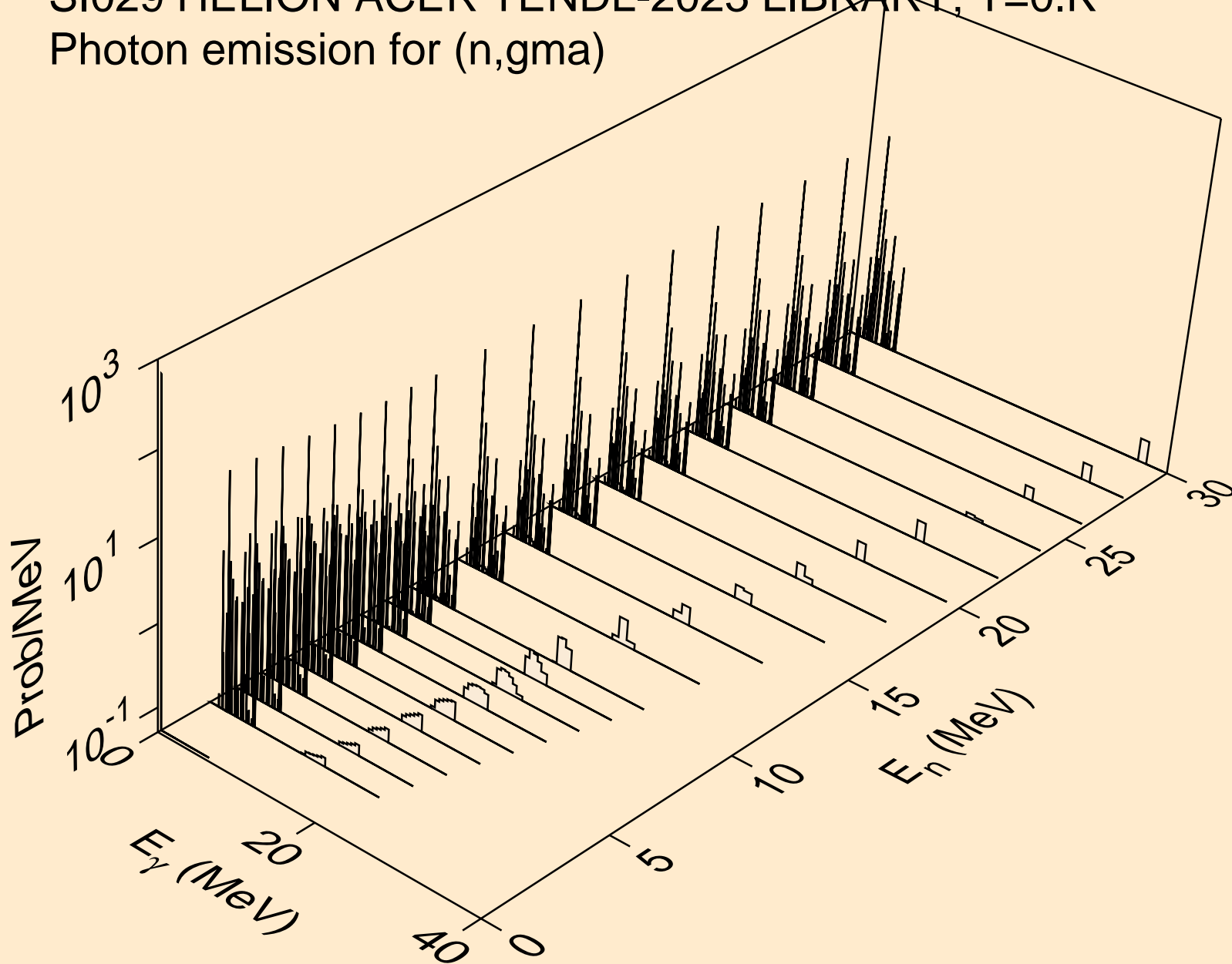
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Photon emission for (n,n2p)



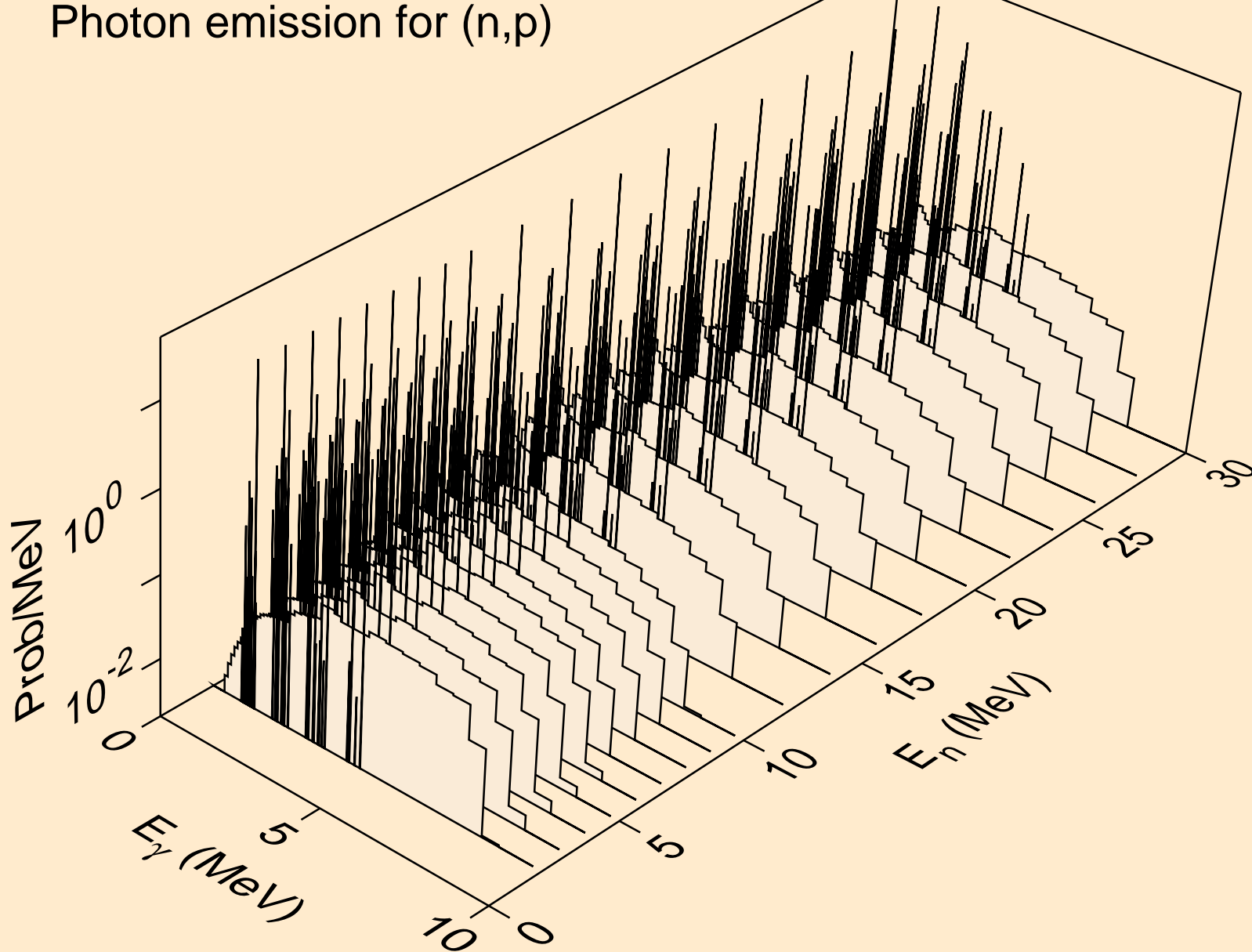
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Photon emission for (n,npa)



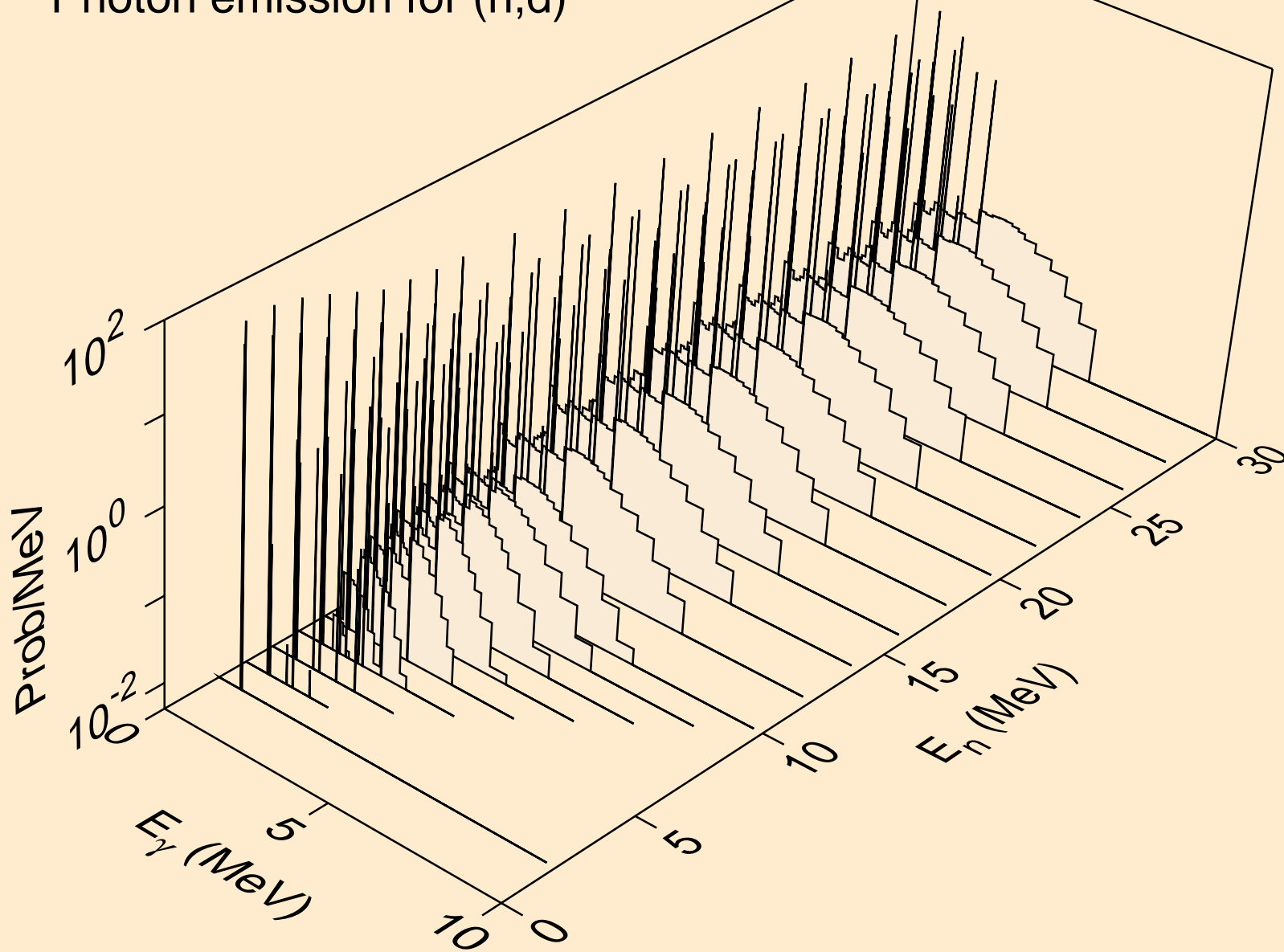
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

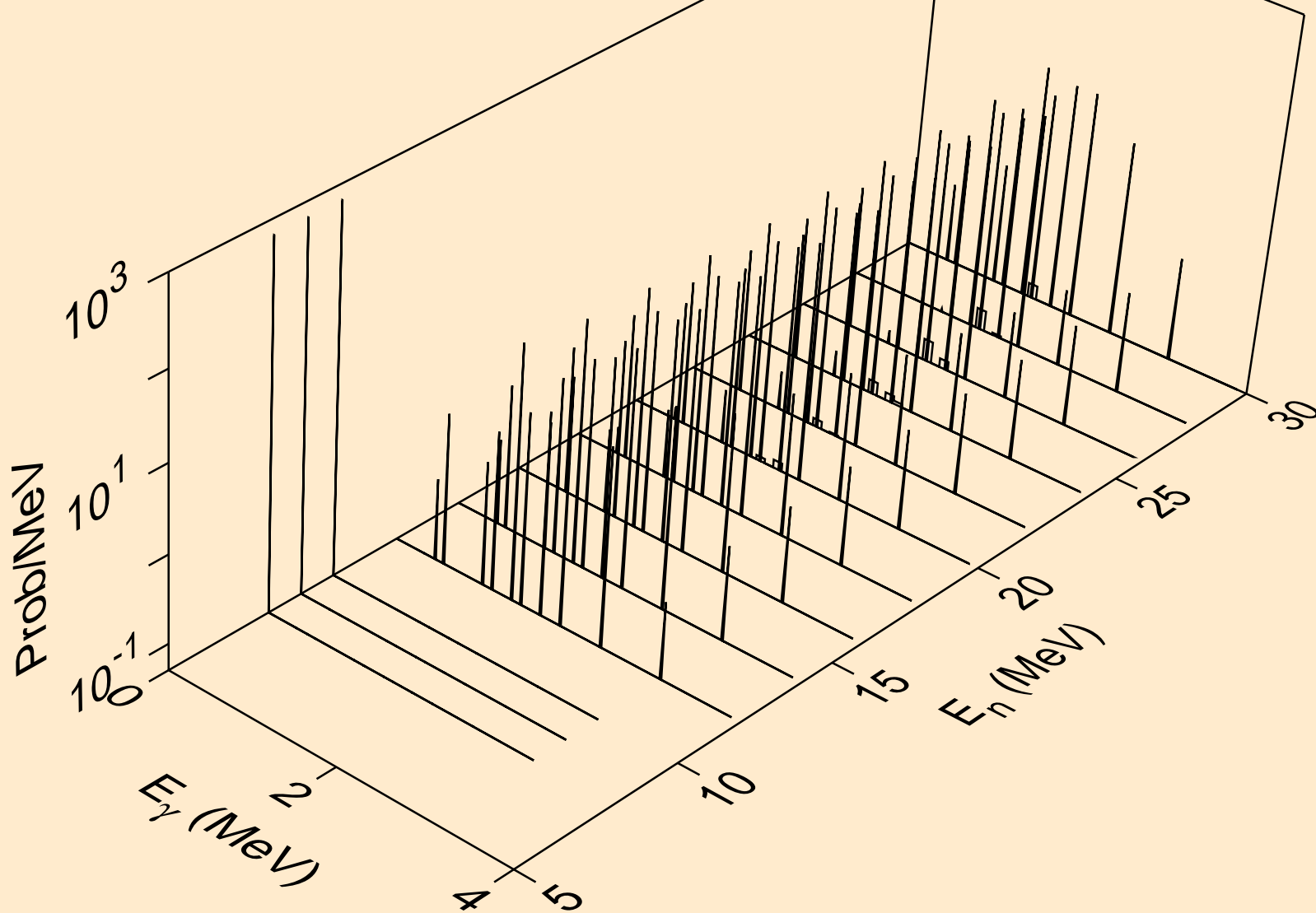


SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

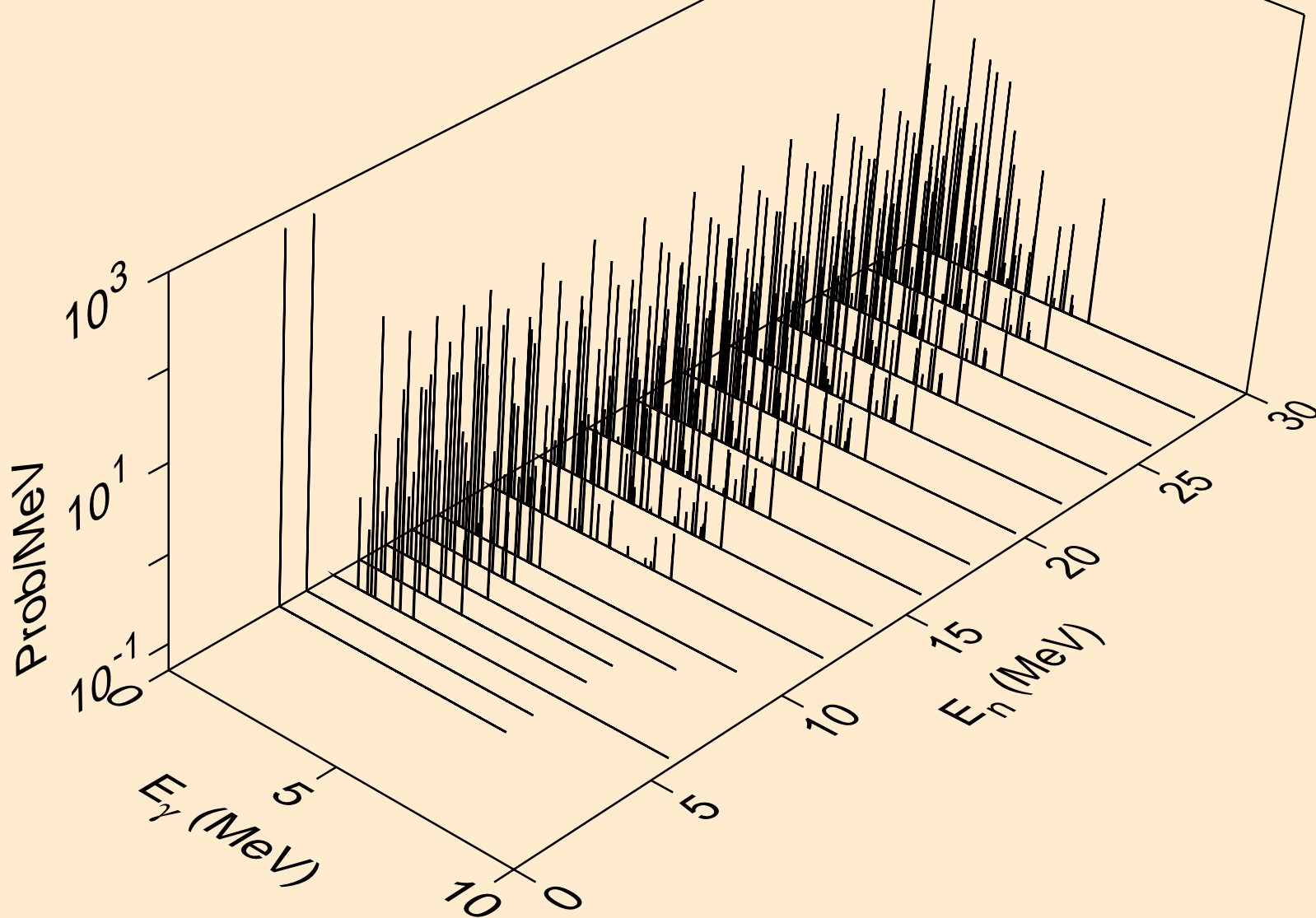




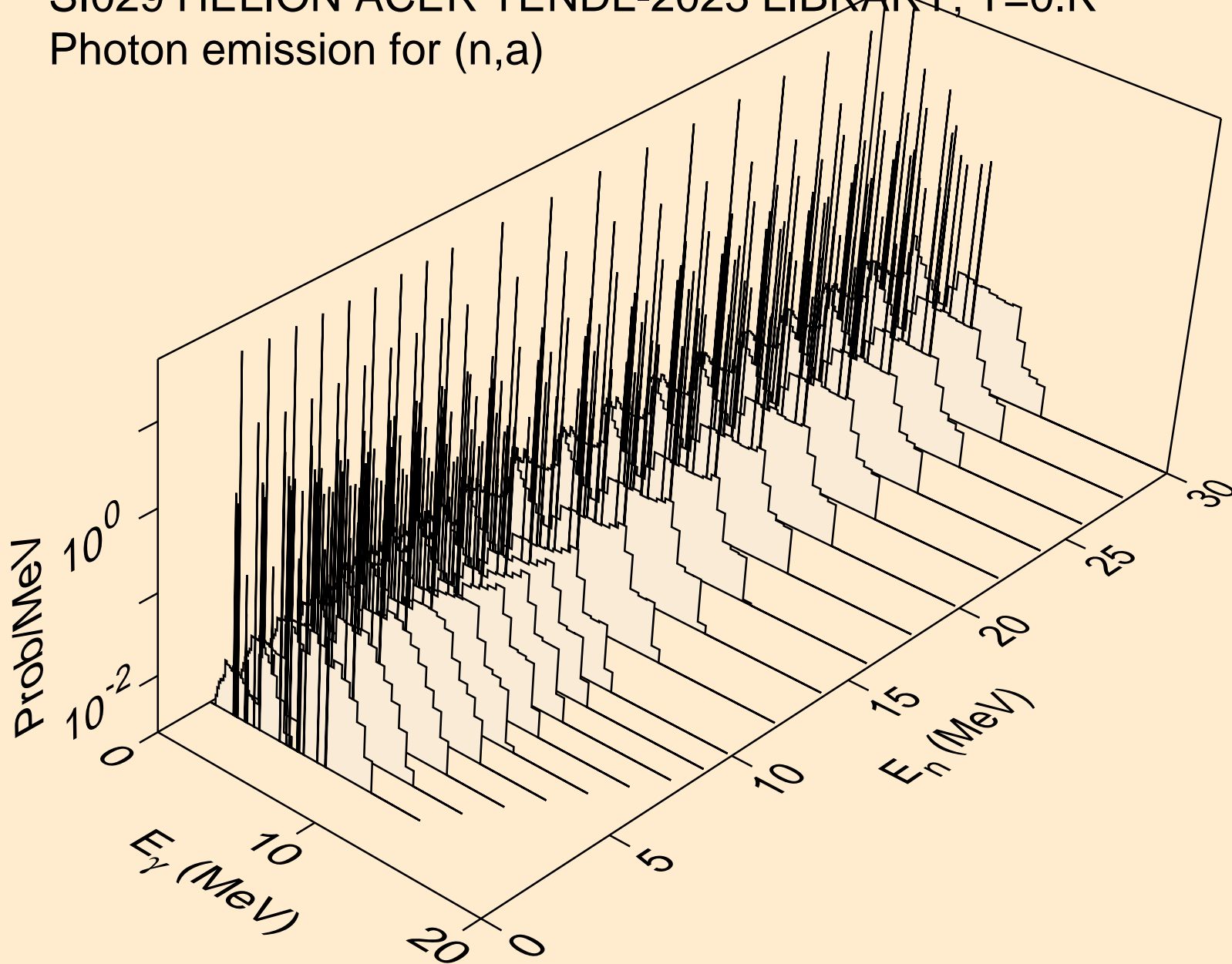
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Photon emission for (n,t)



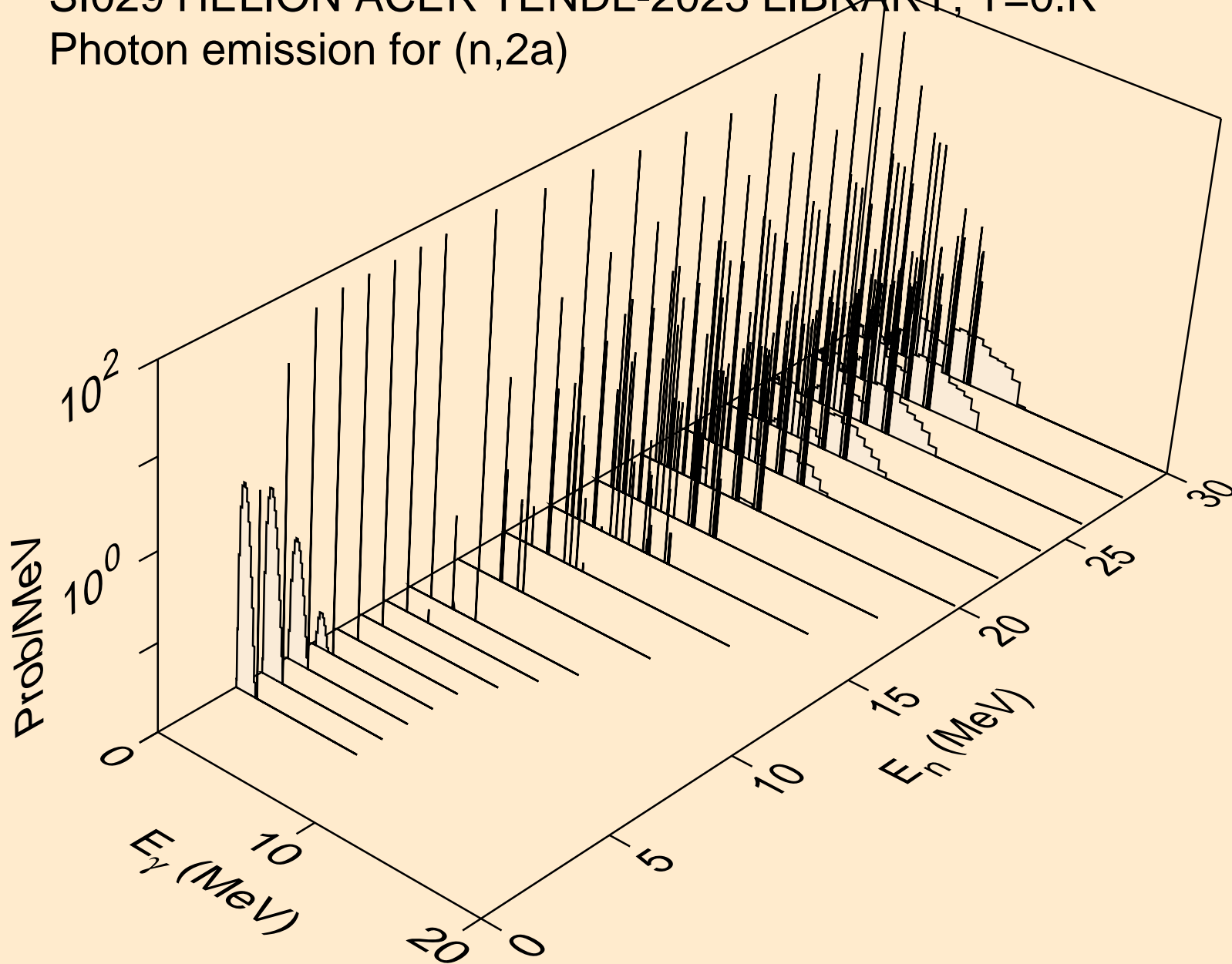
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



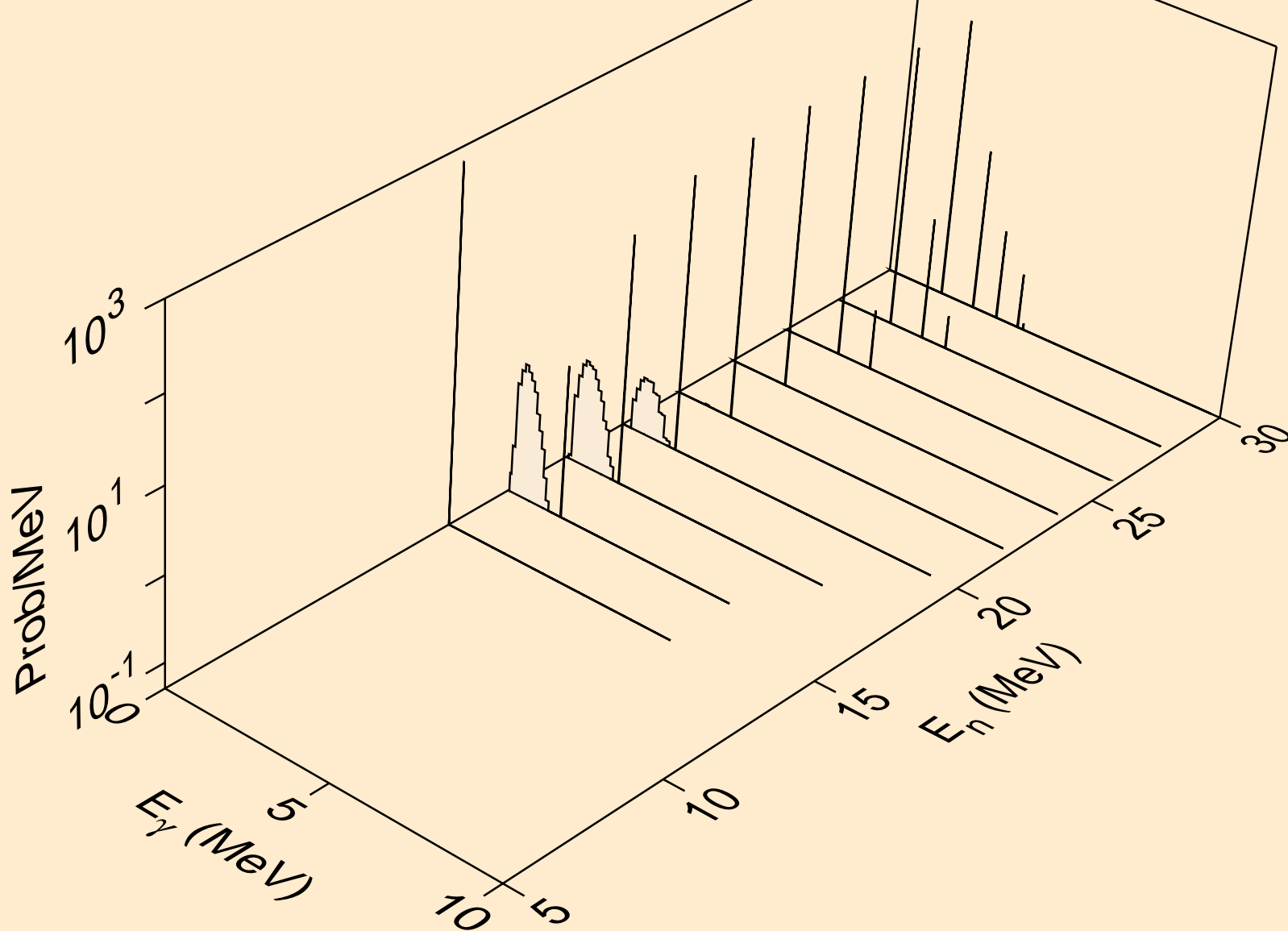
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Photon emission for (n,a)



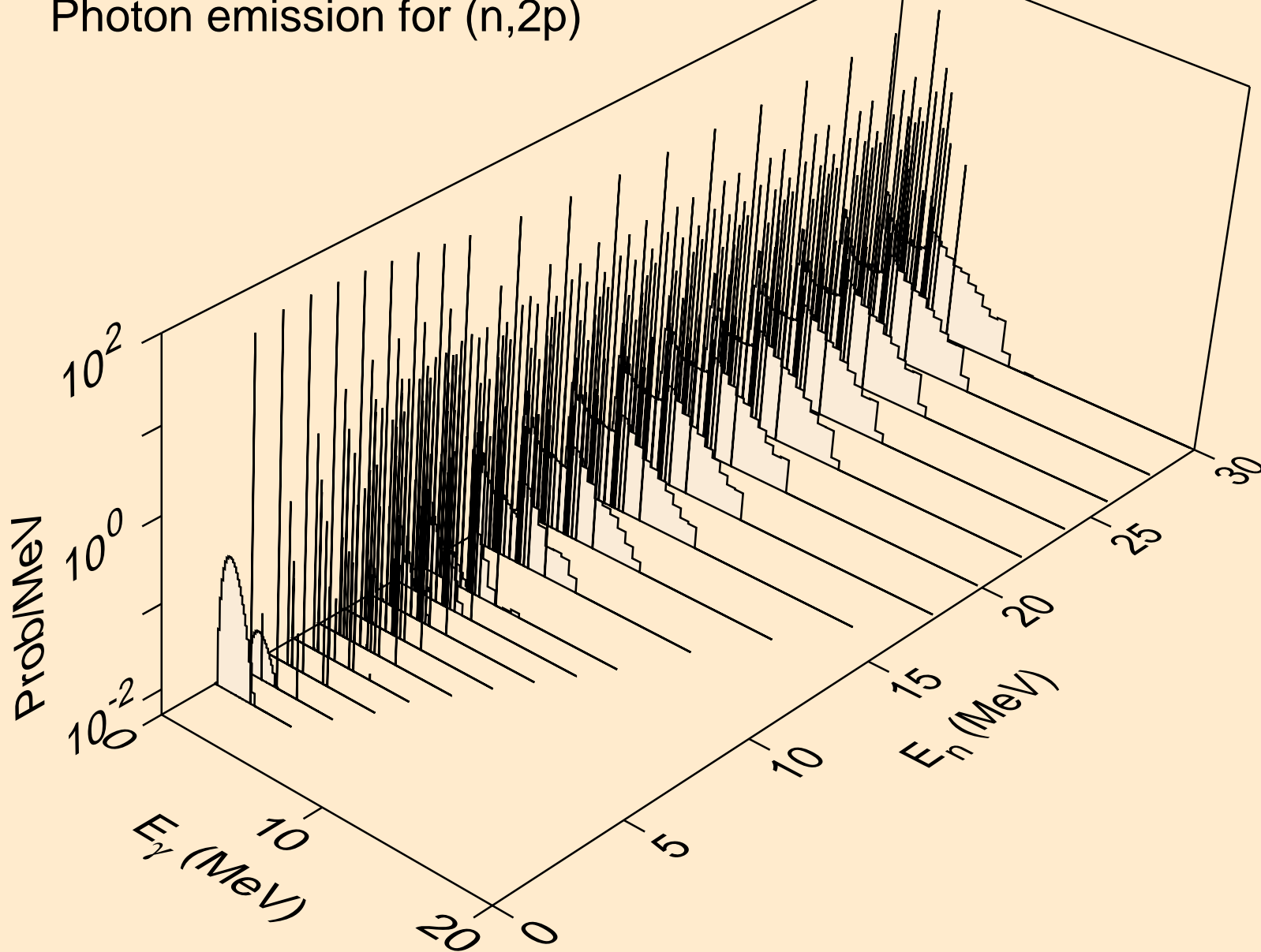
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Photon emission for (n,2a)



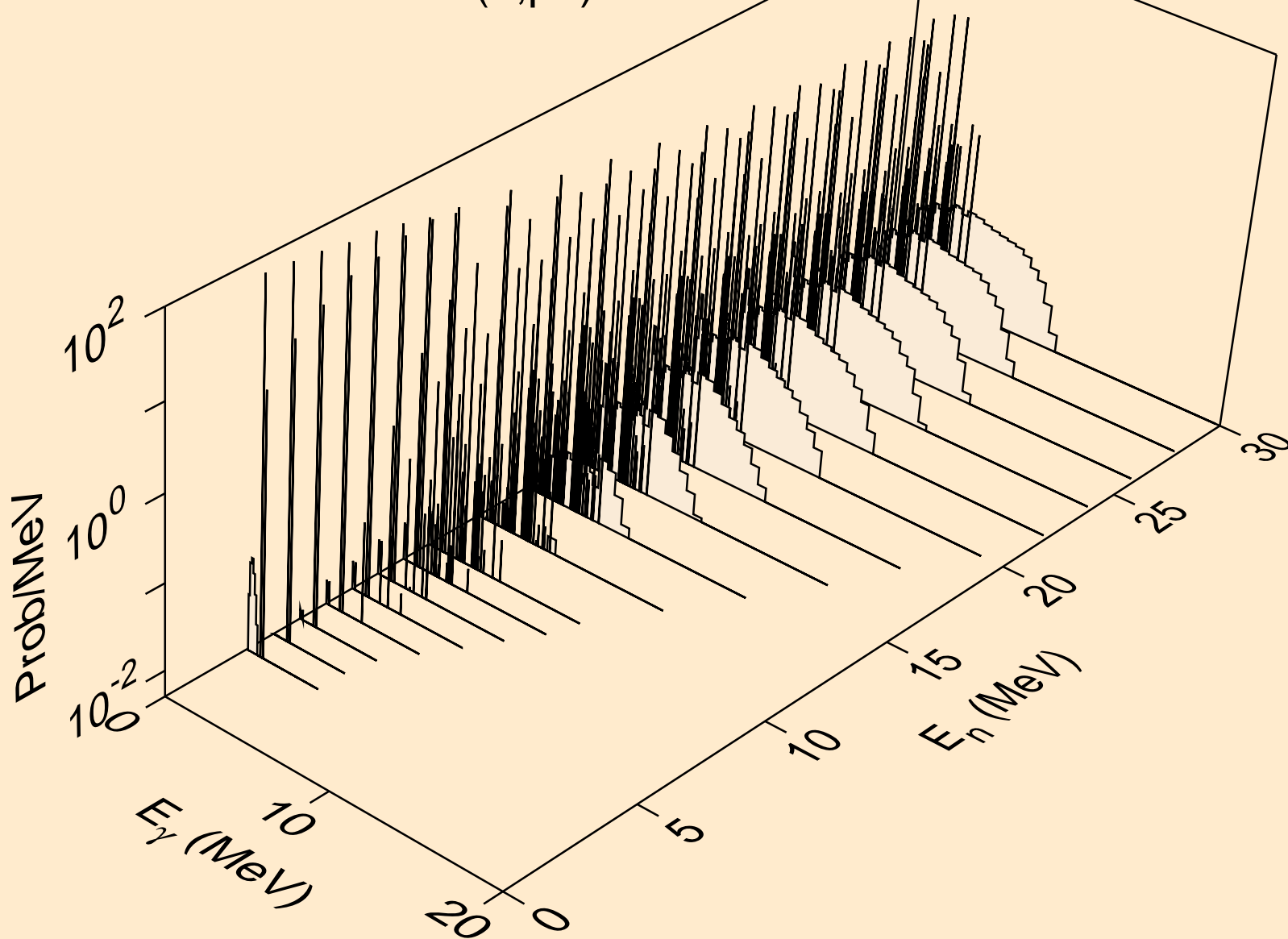
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Photon emission for (n,3a)



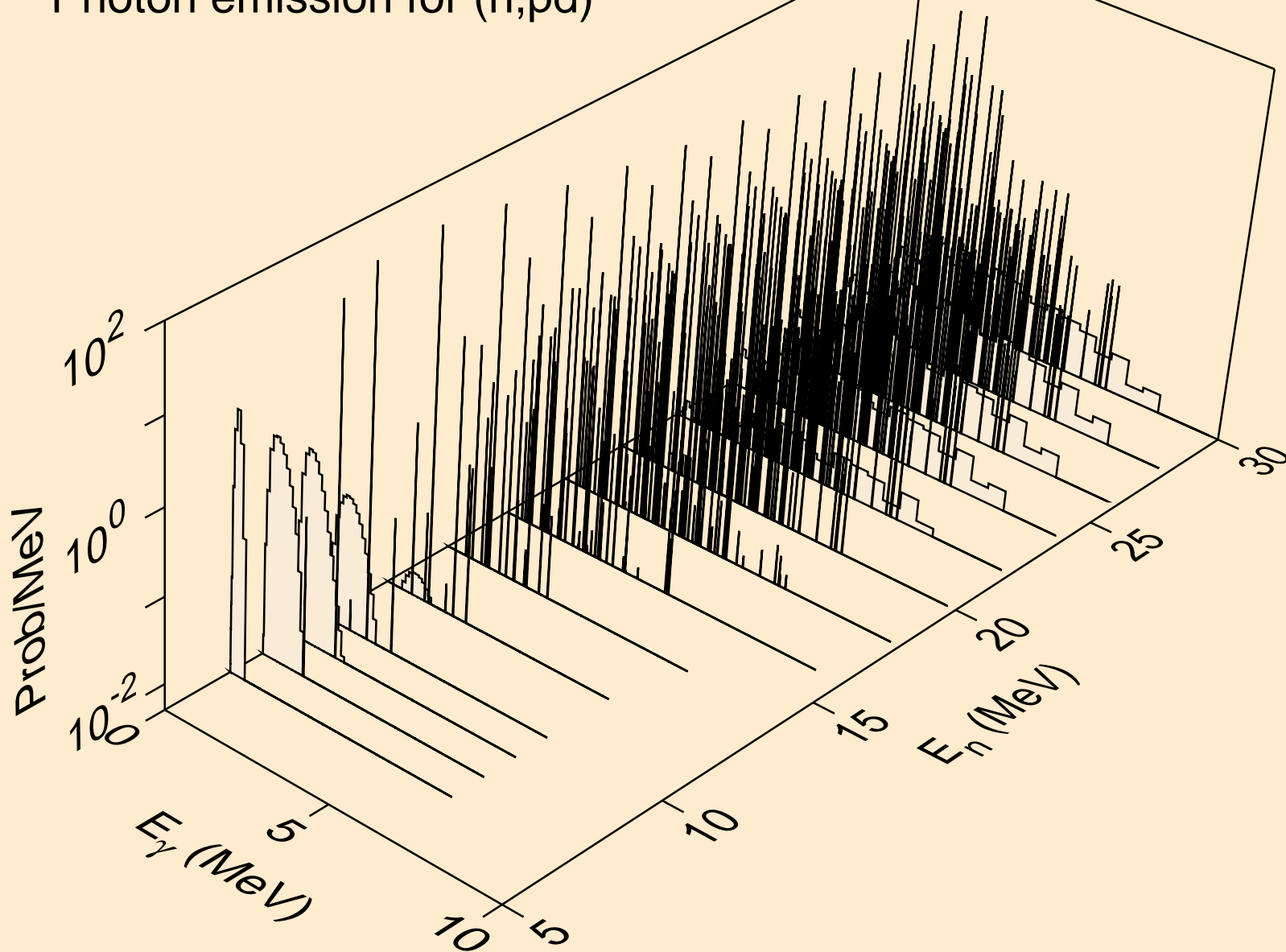
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

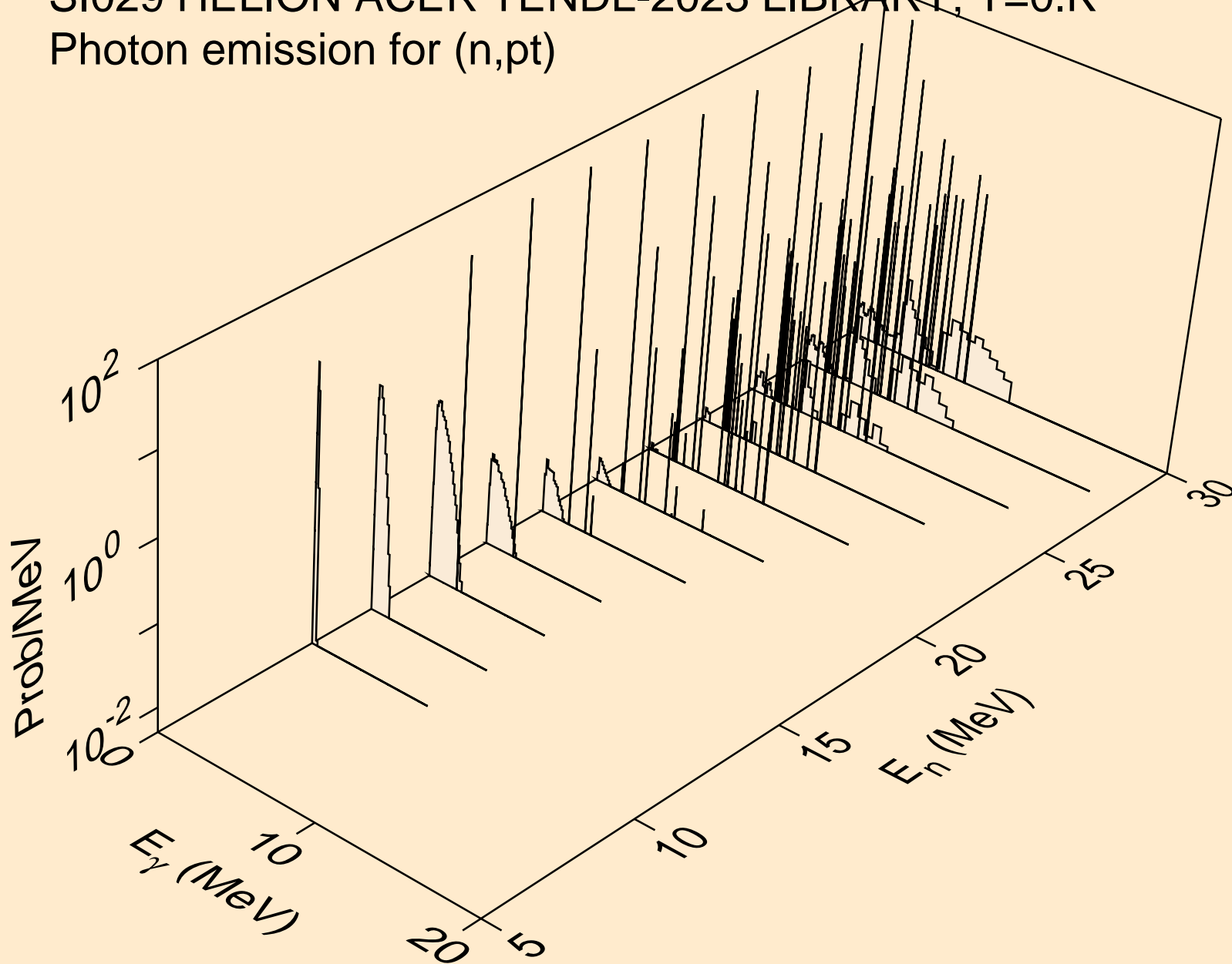


SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

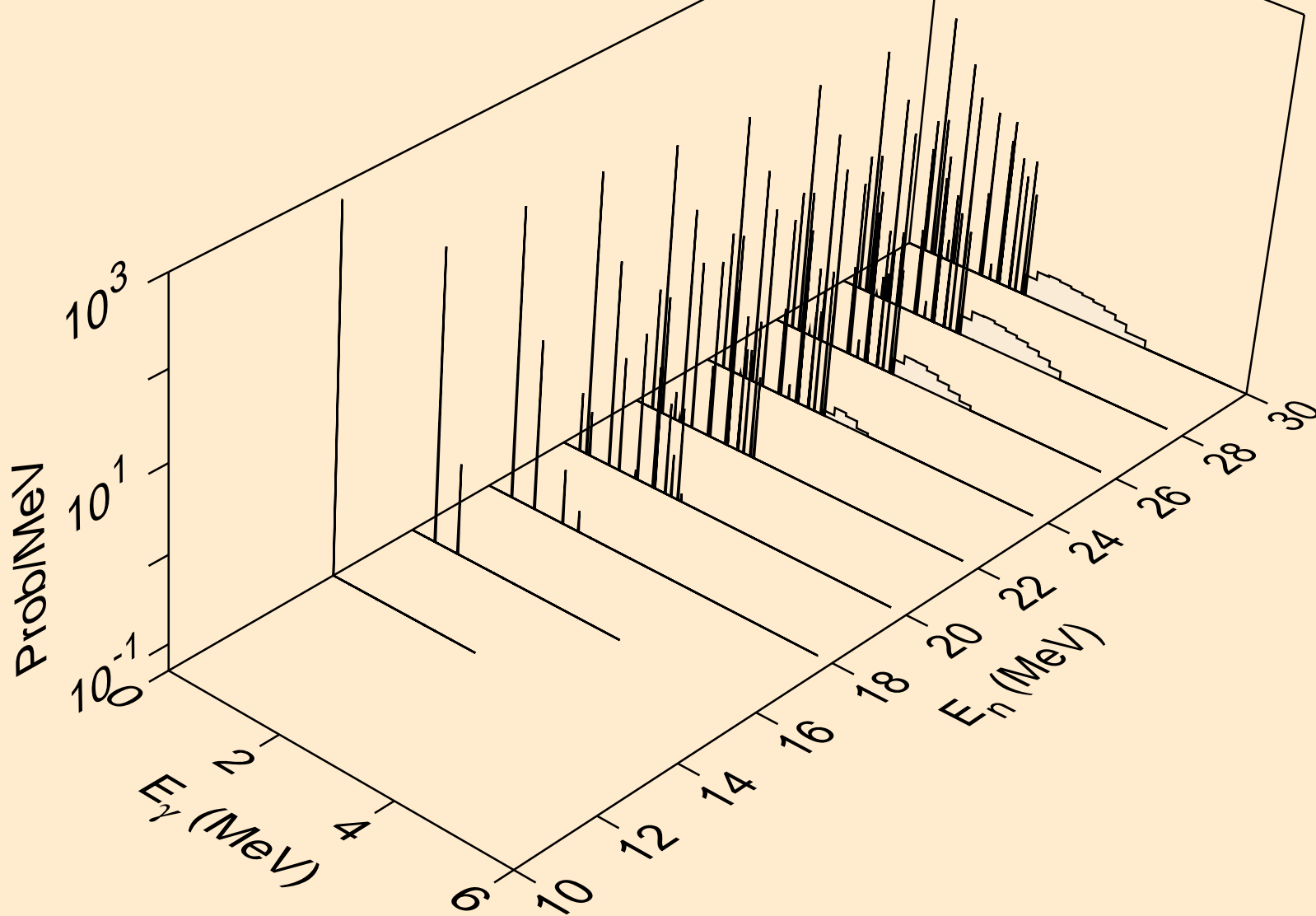




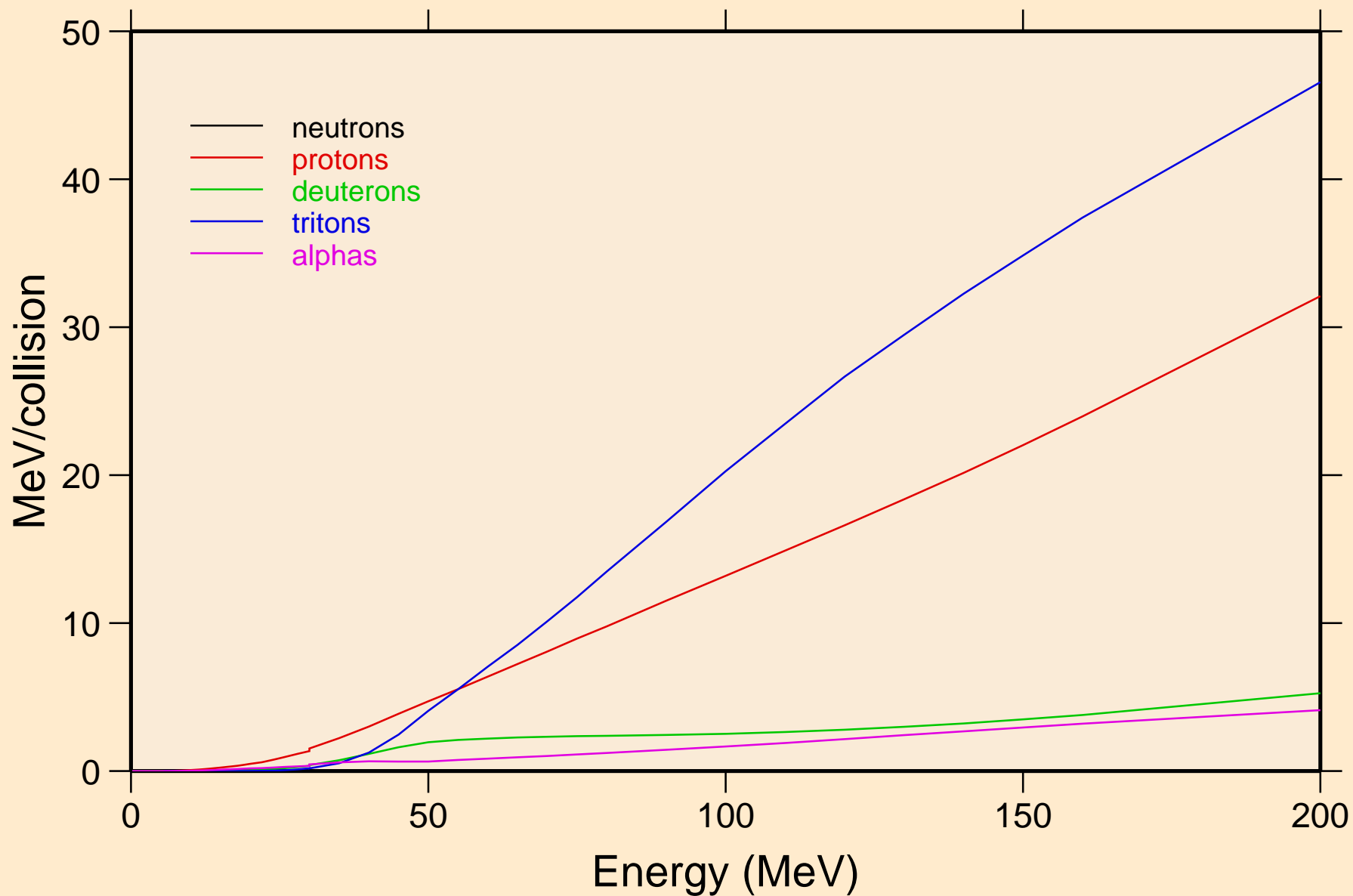
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Photon emission for (n,pt)



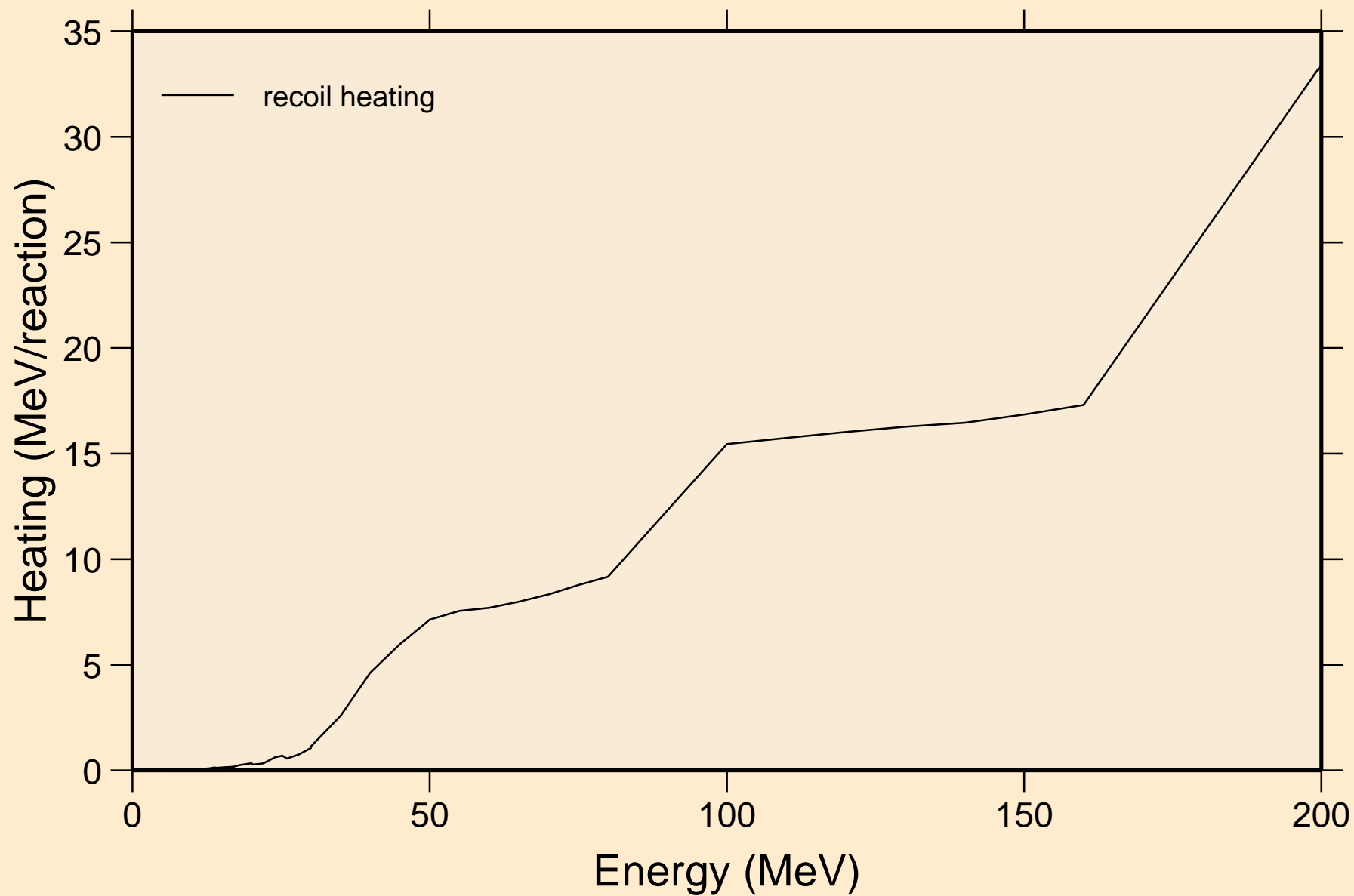
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Photon emission for (n,da)



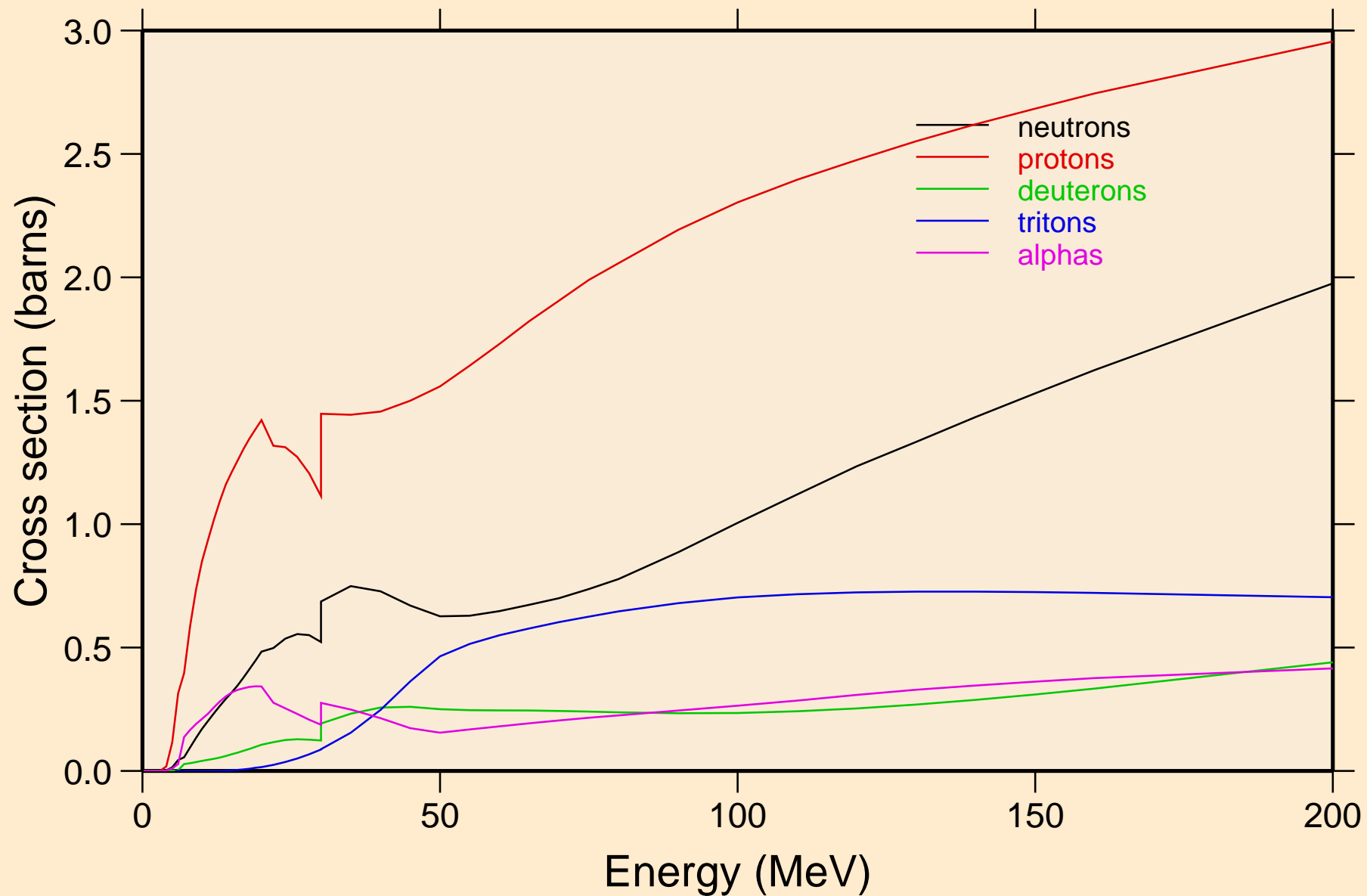
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



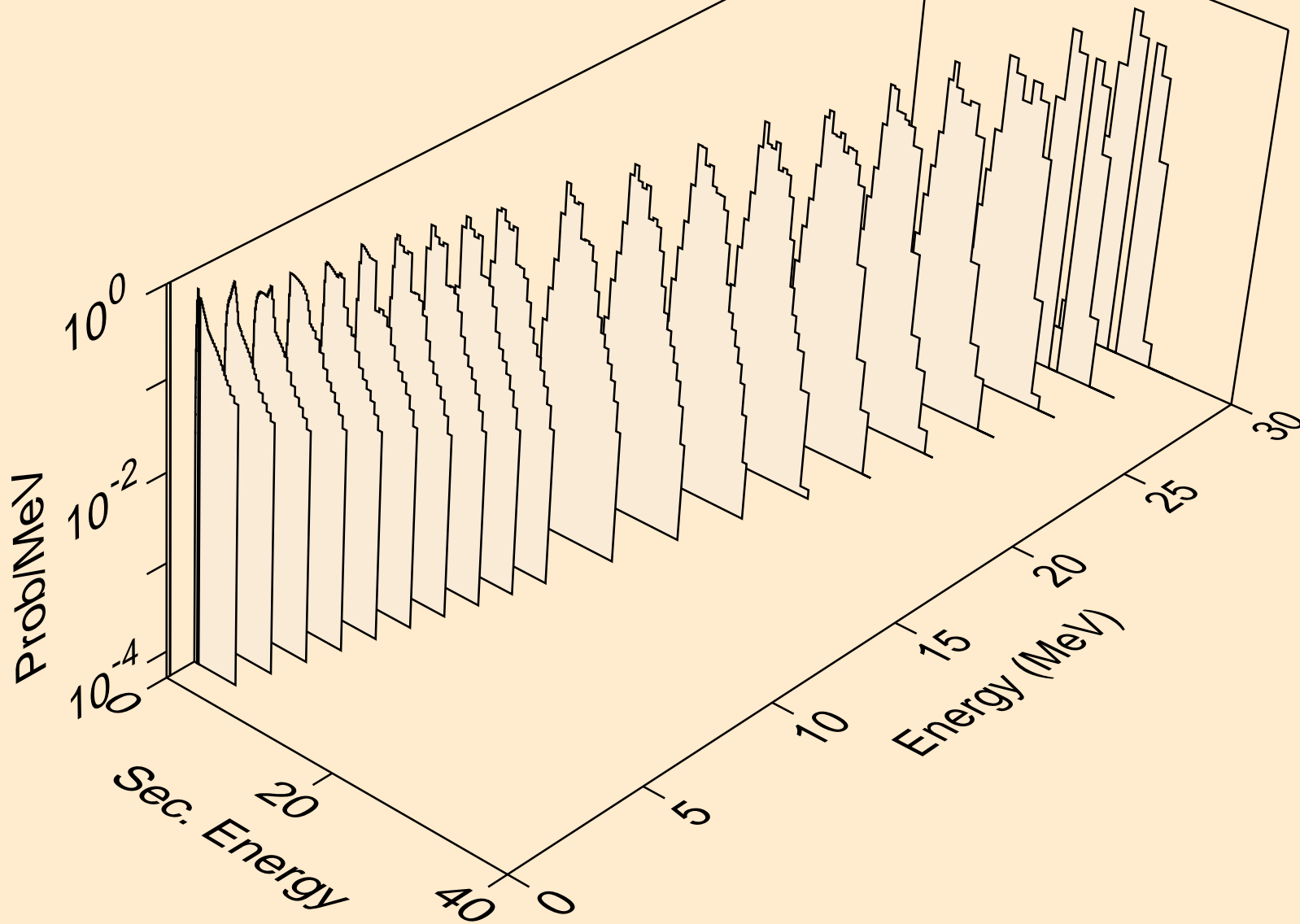
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Recoil Heating



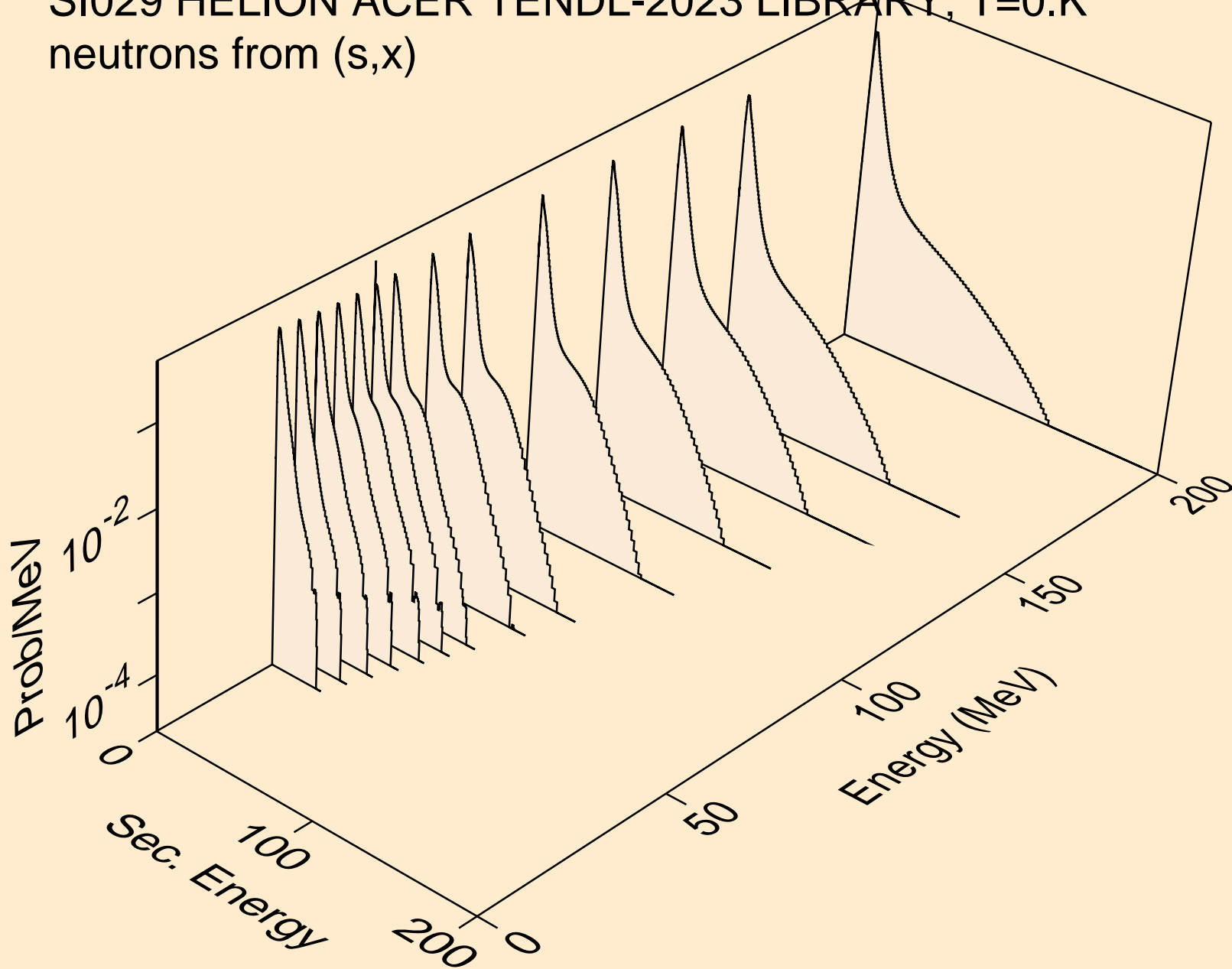
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Particle production cross sections



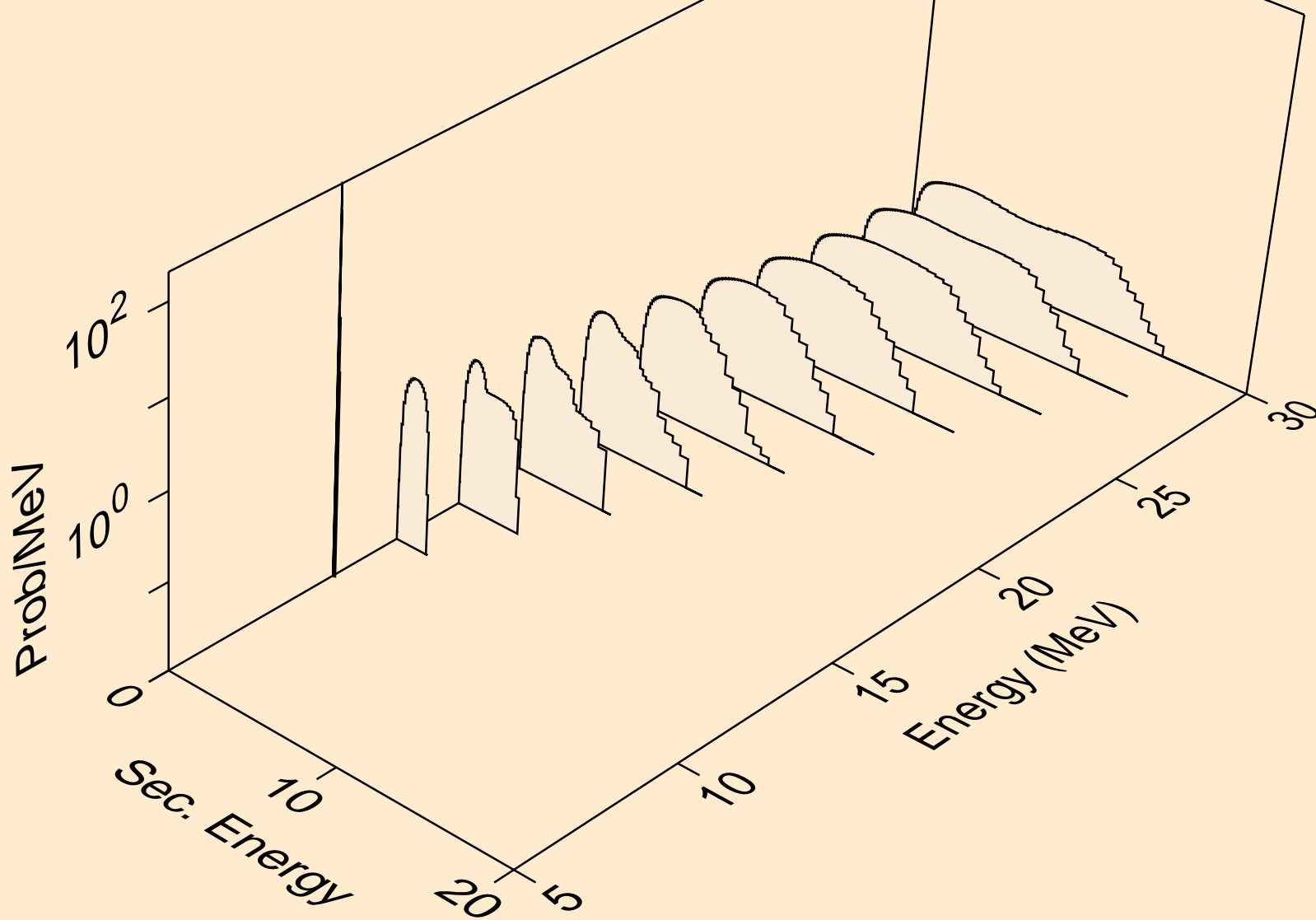
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)

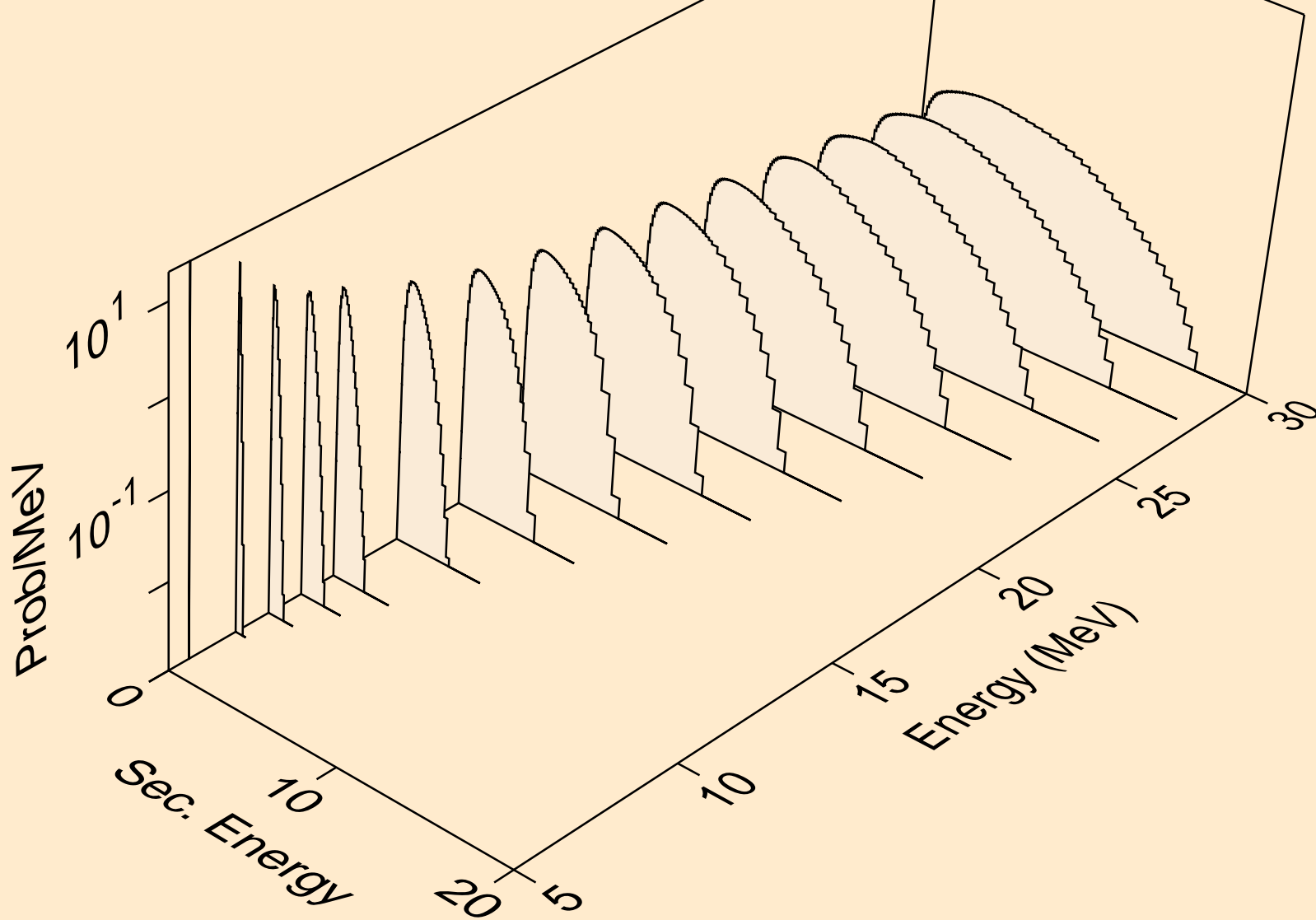


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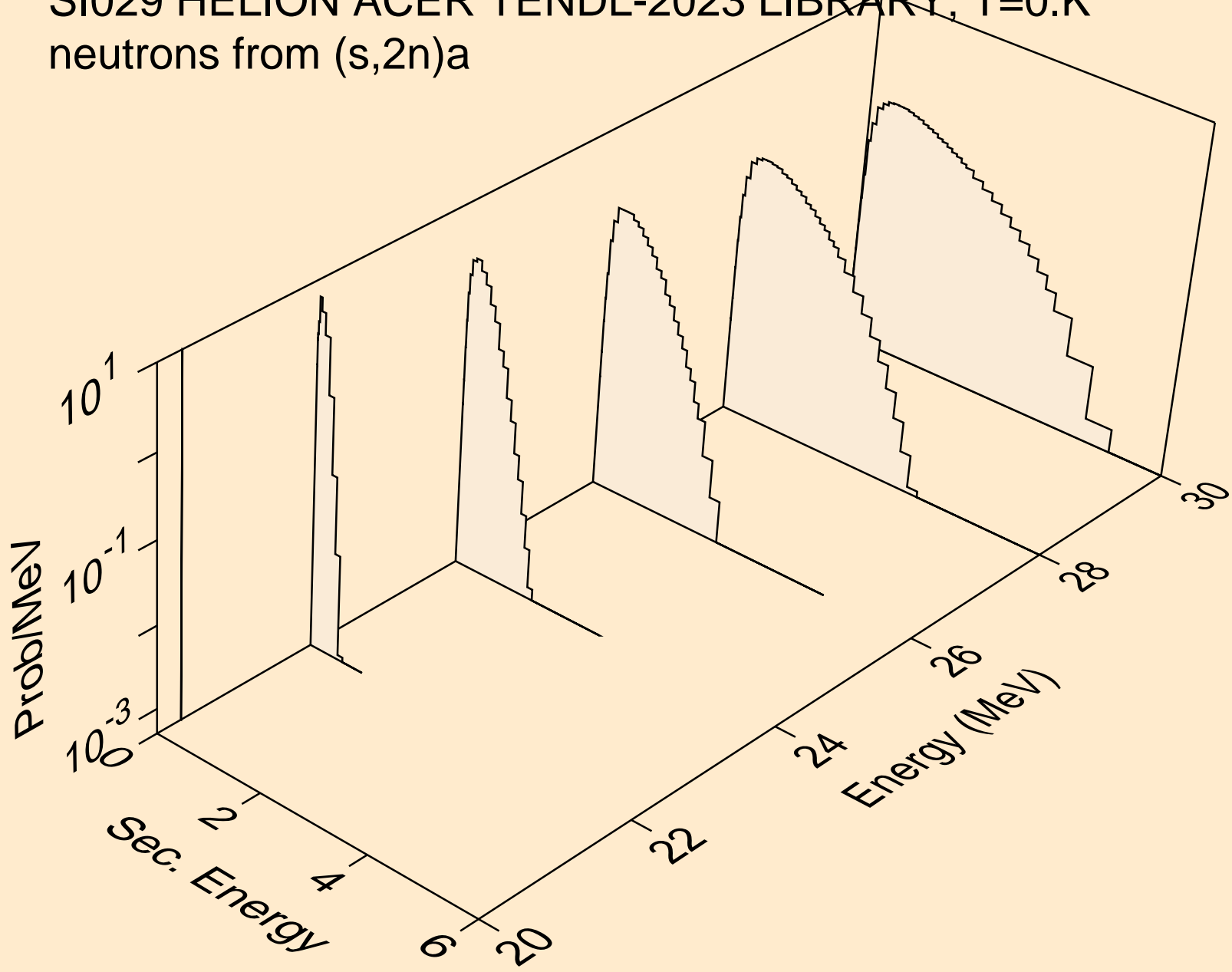




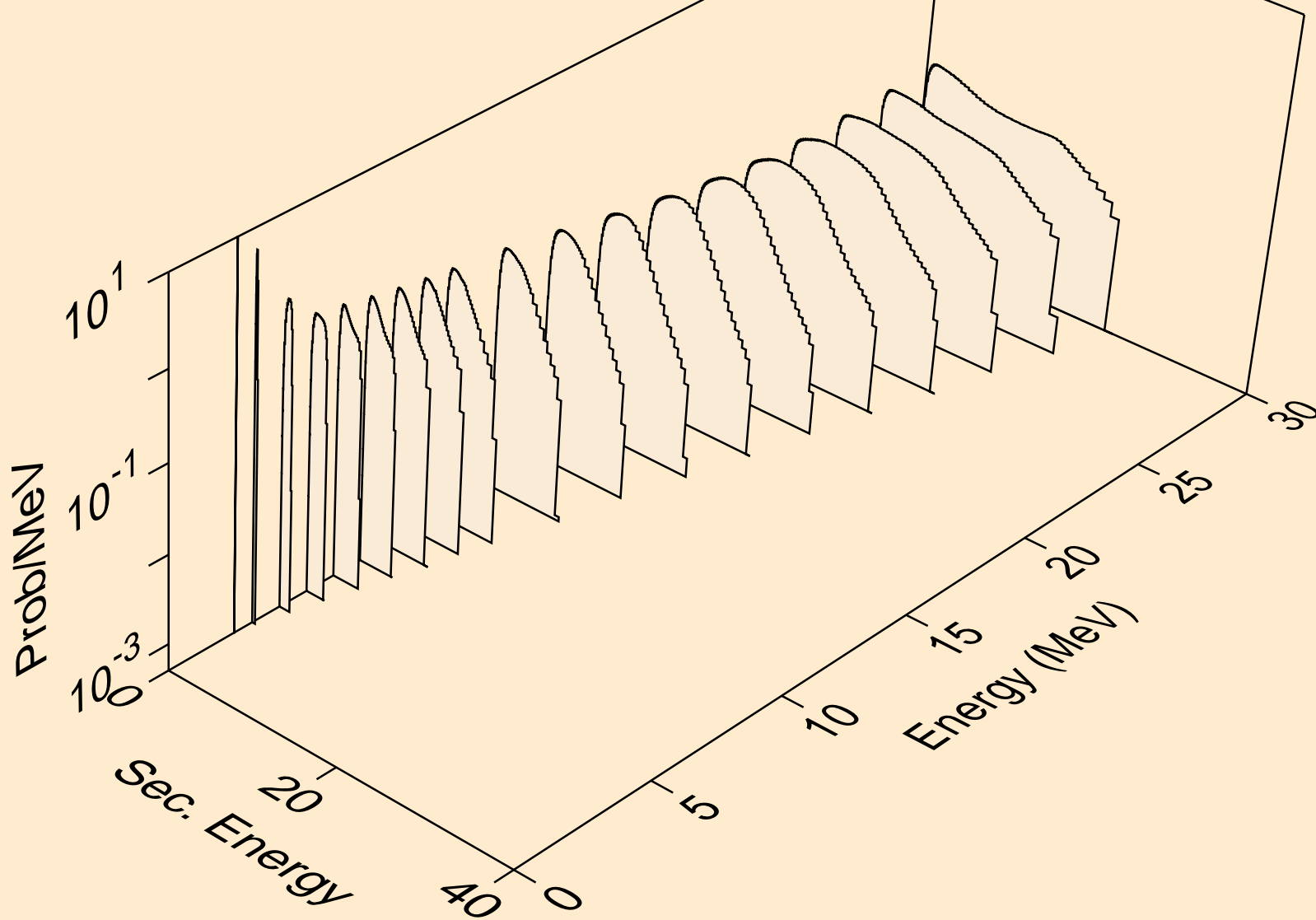
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neutrons from (s,n\*)a



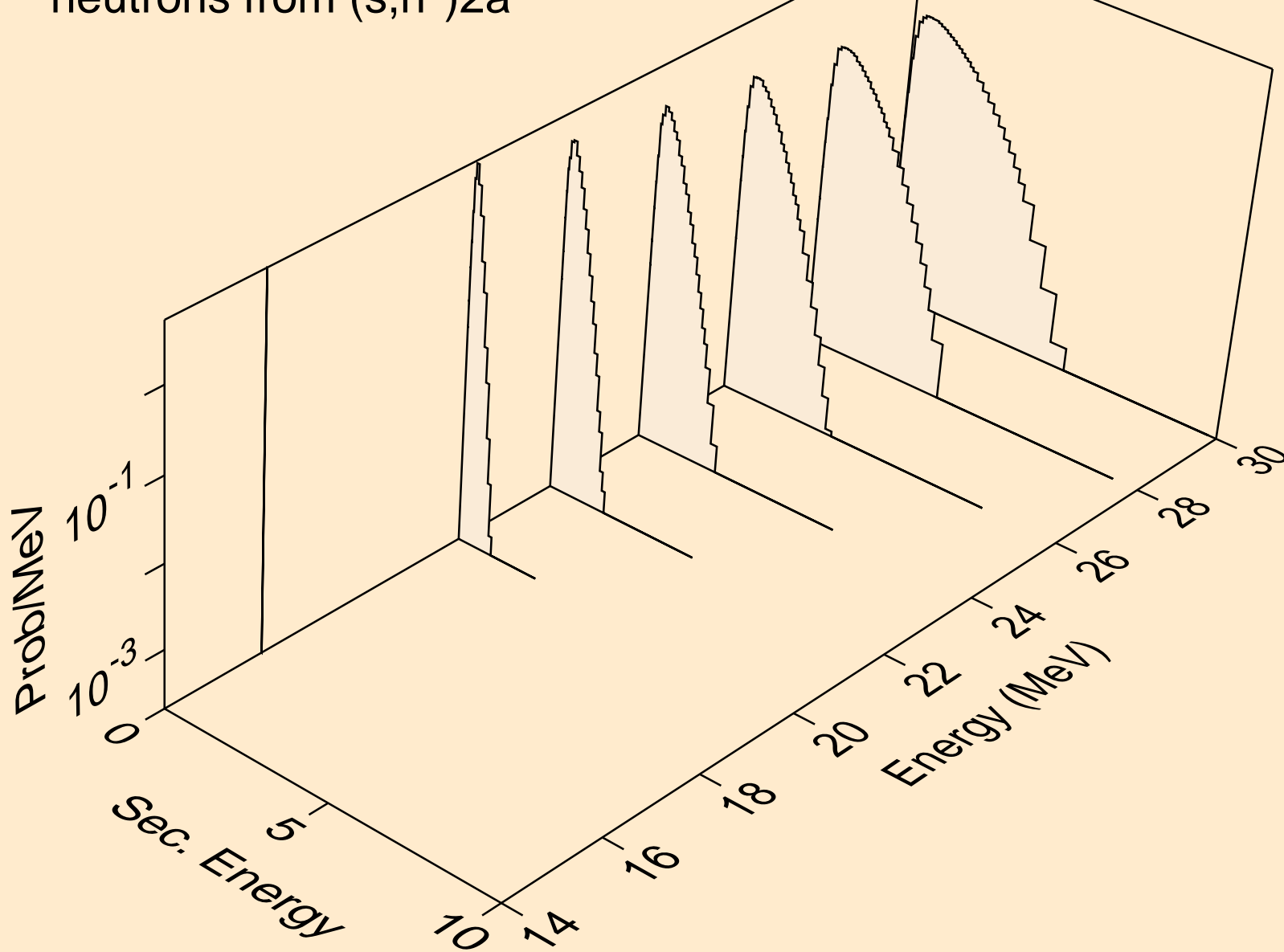
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neutrons from (s,2n)a



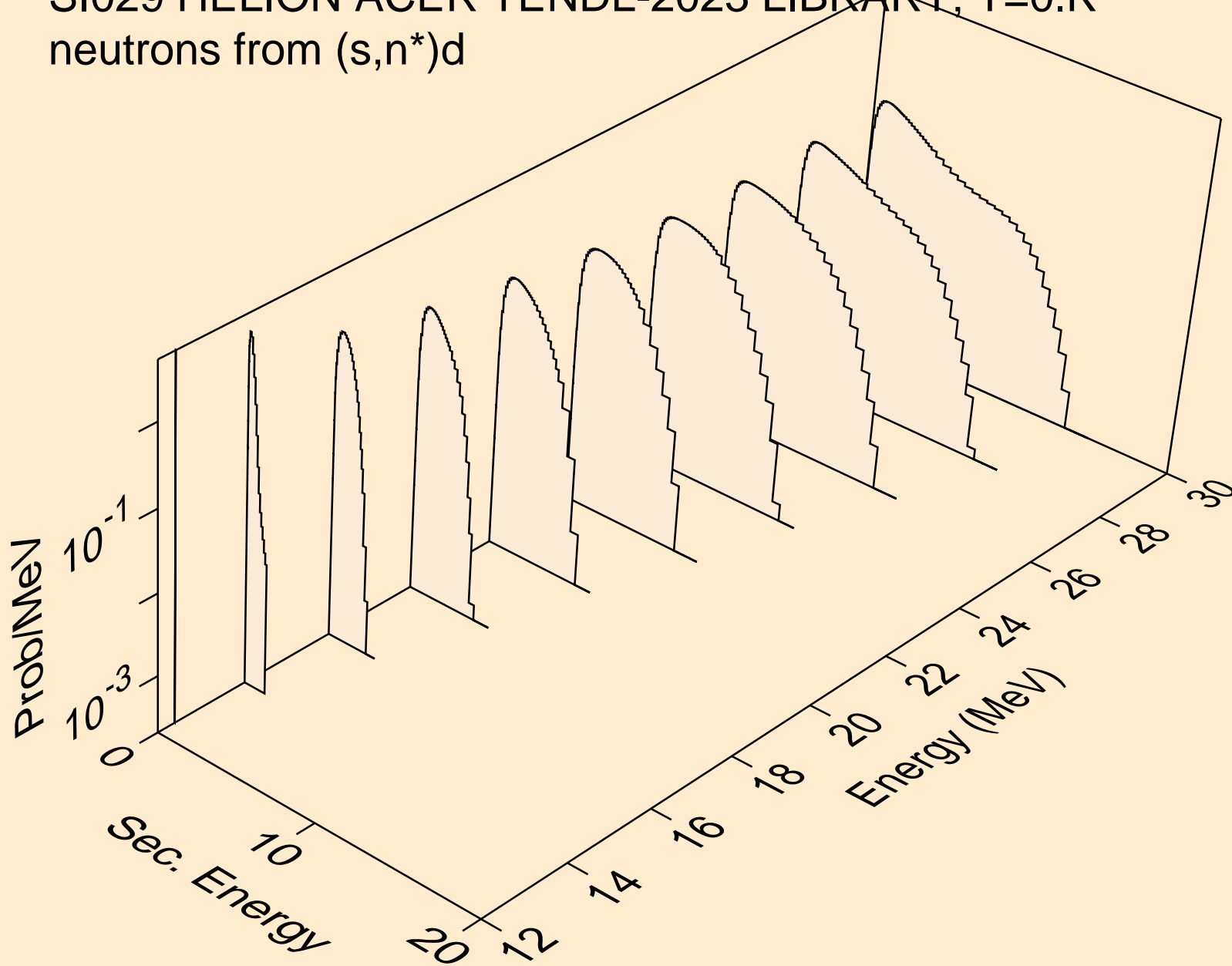
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neutrons from (s,n\*)p



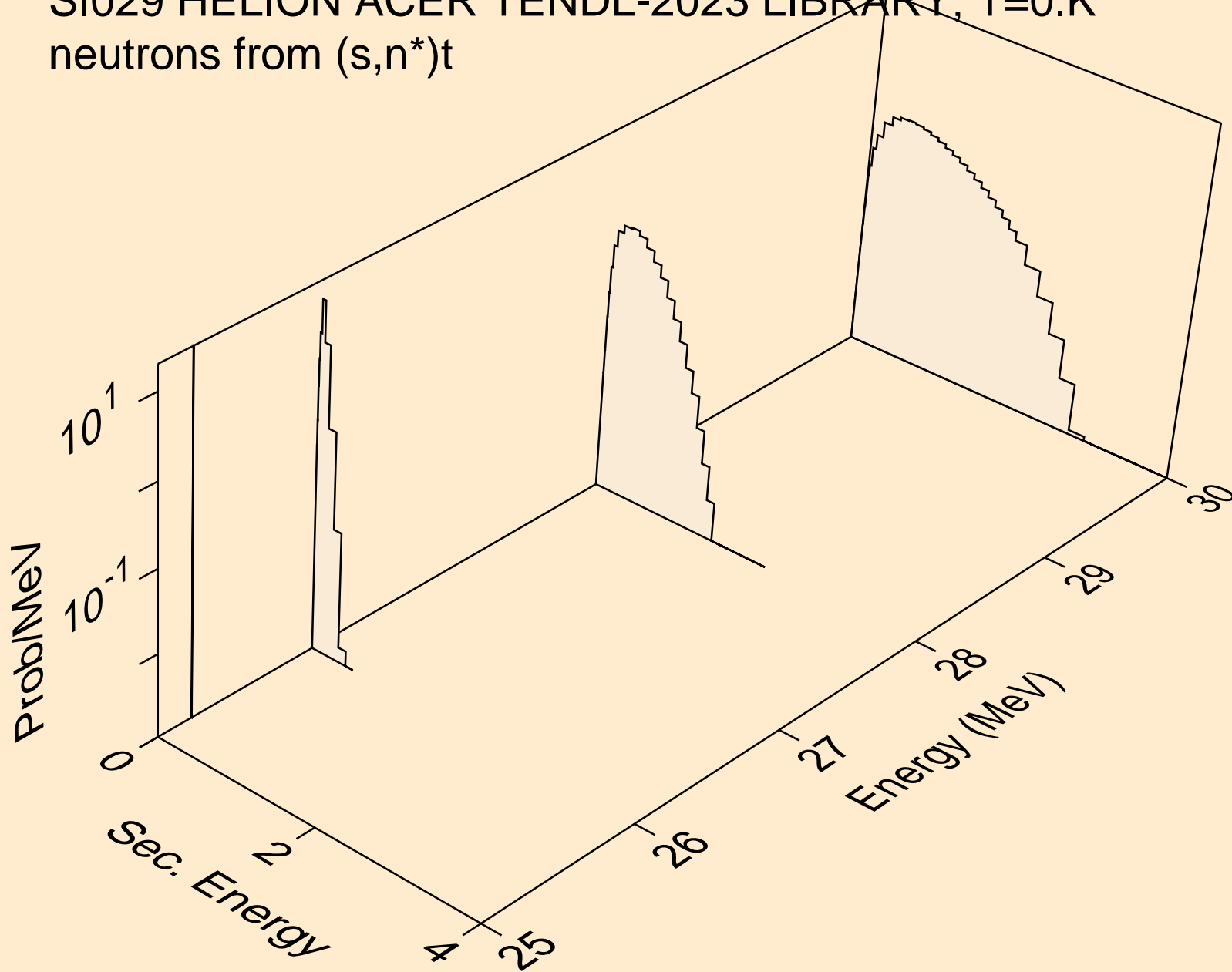
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neutrons from (s,n\*)2a



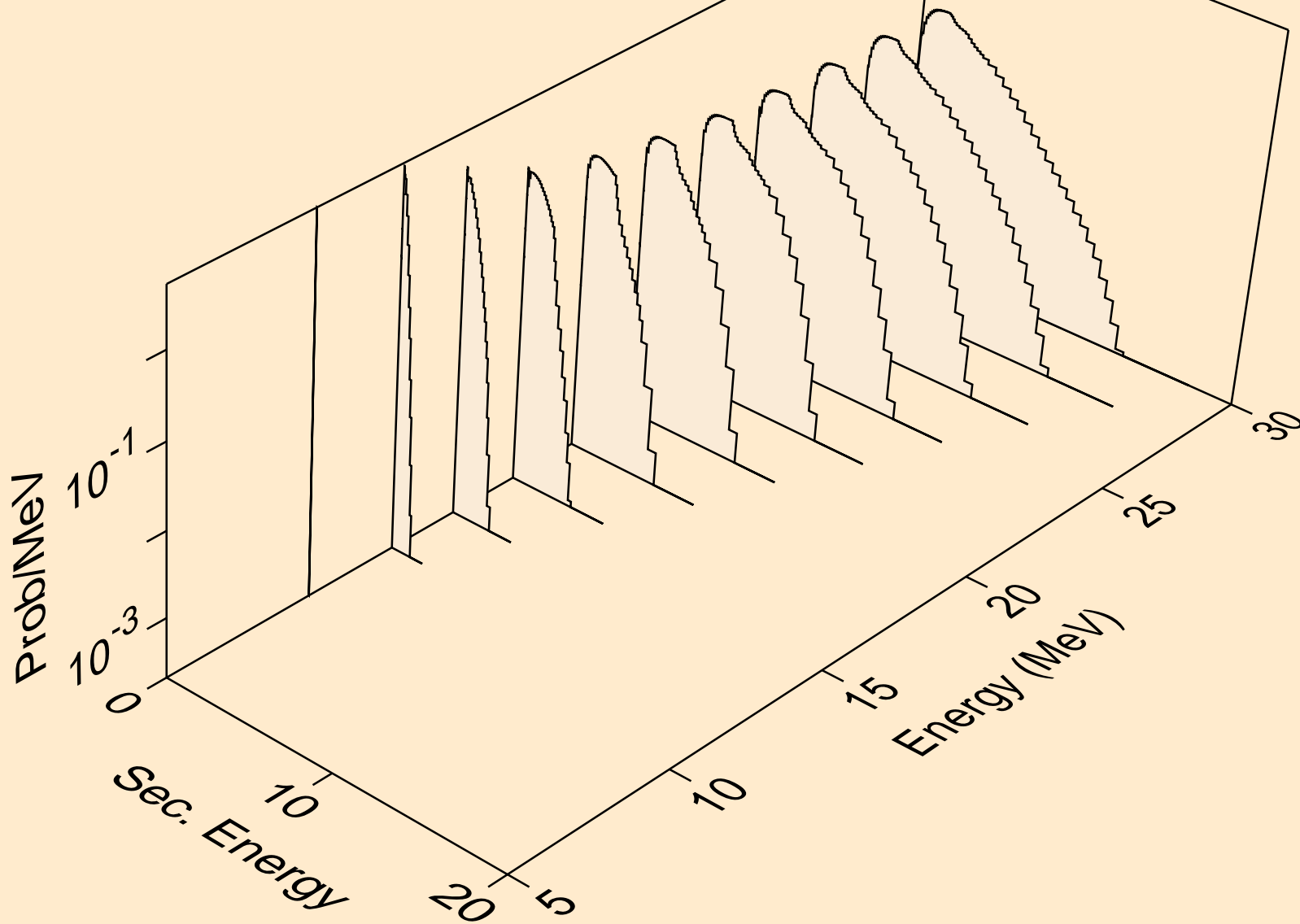
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neutrons from (s,n\*)d



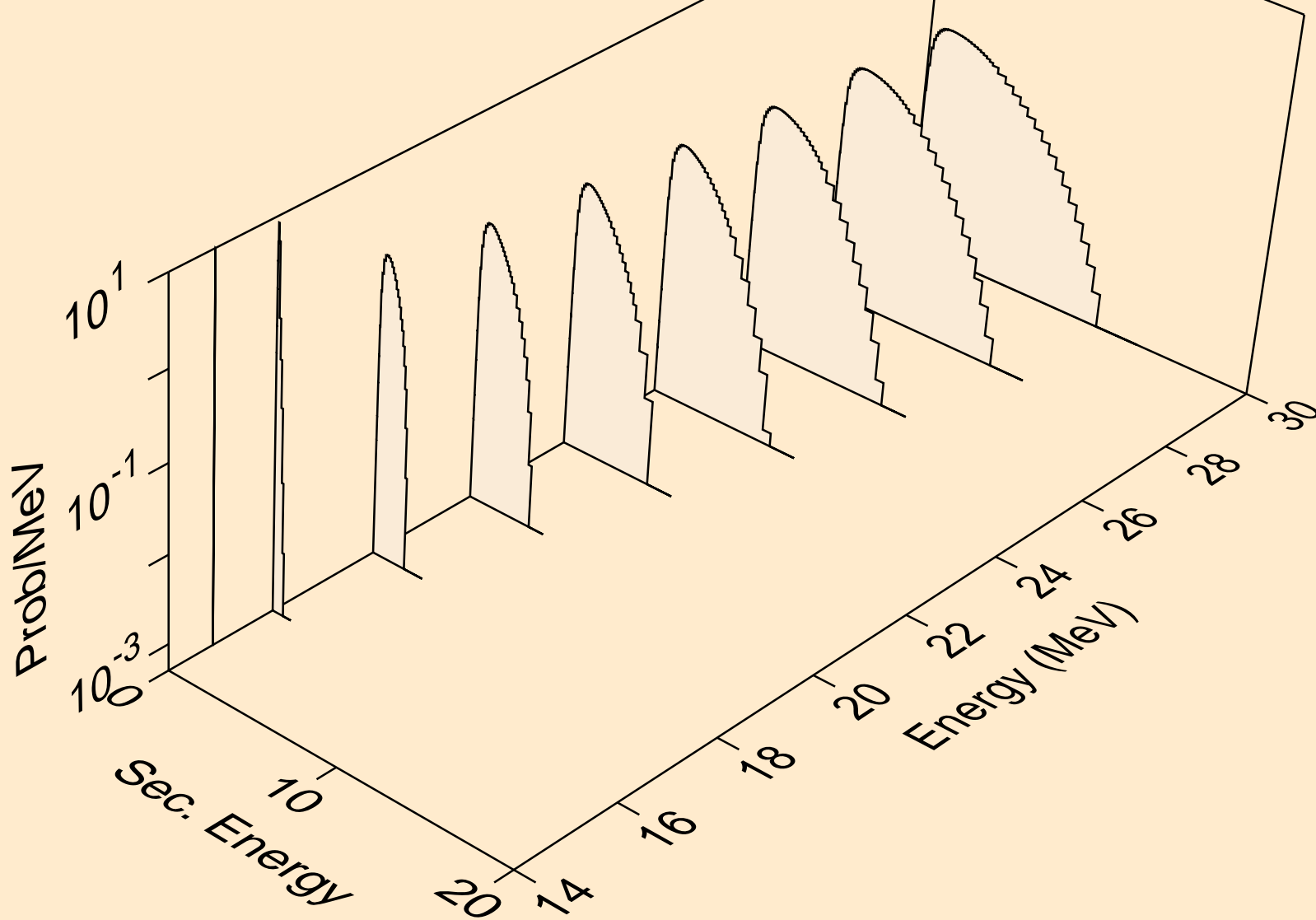
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

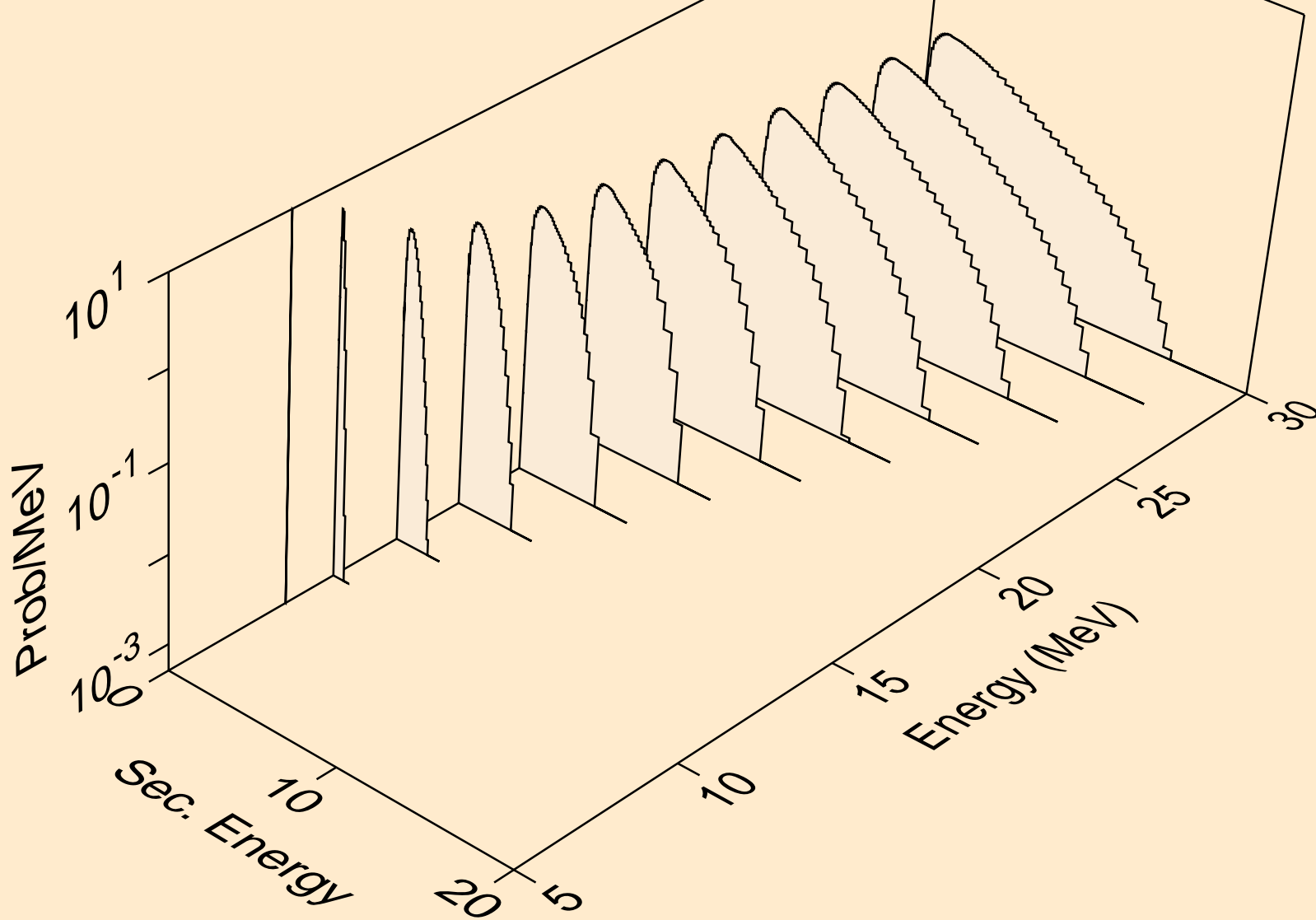


SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

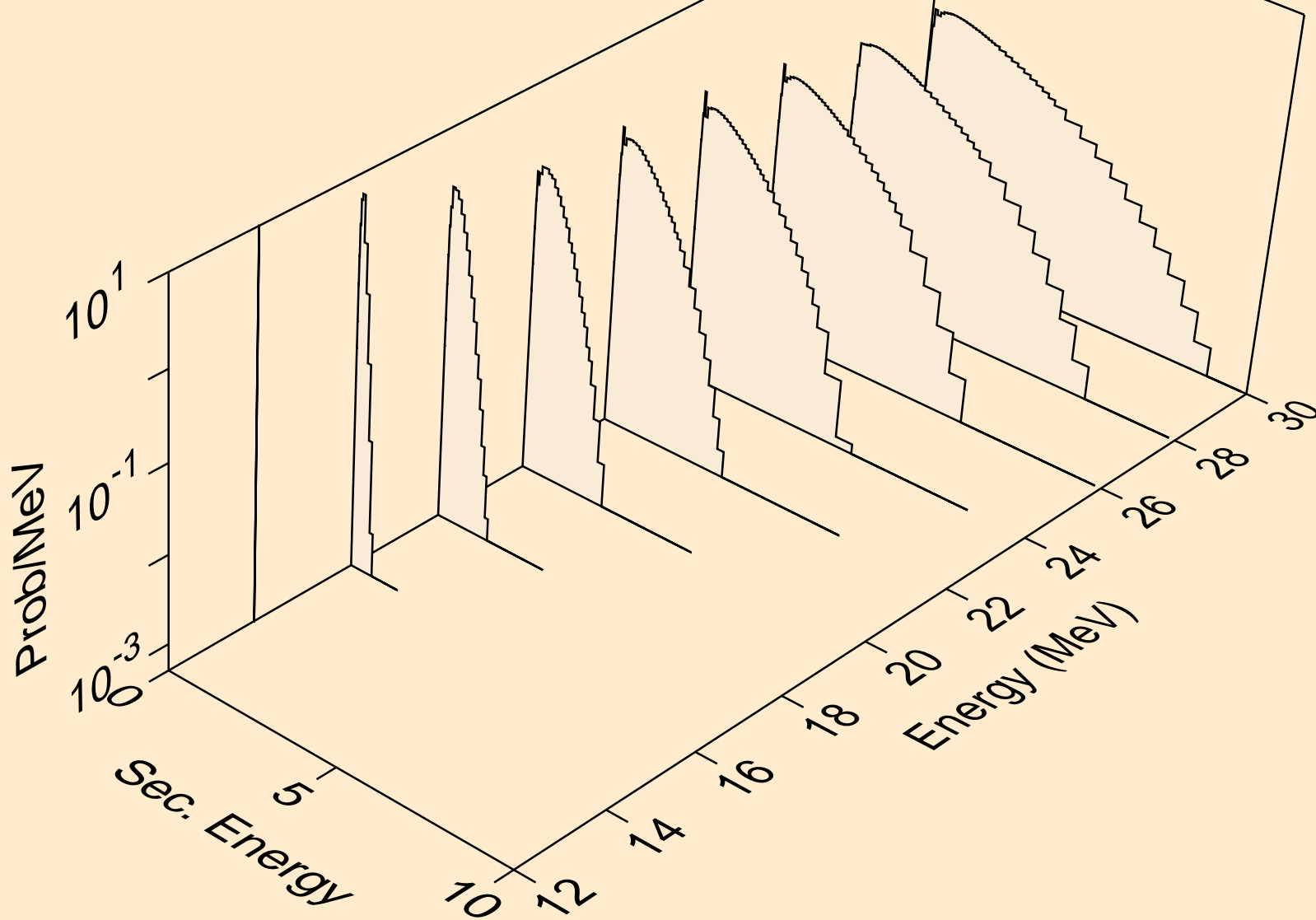




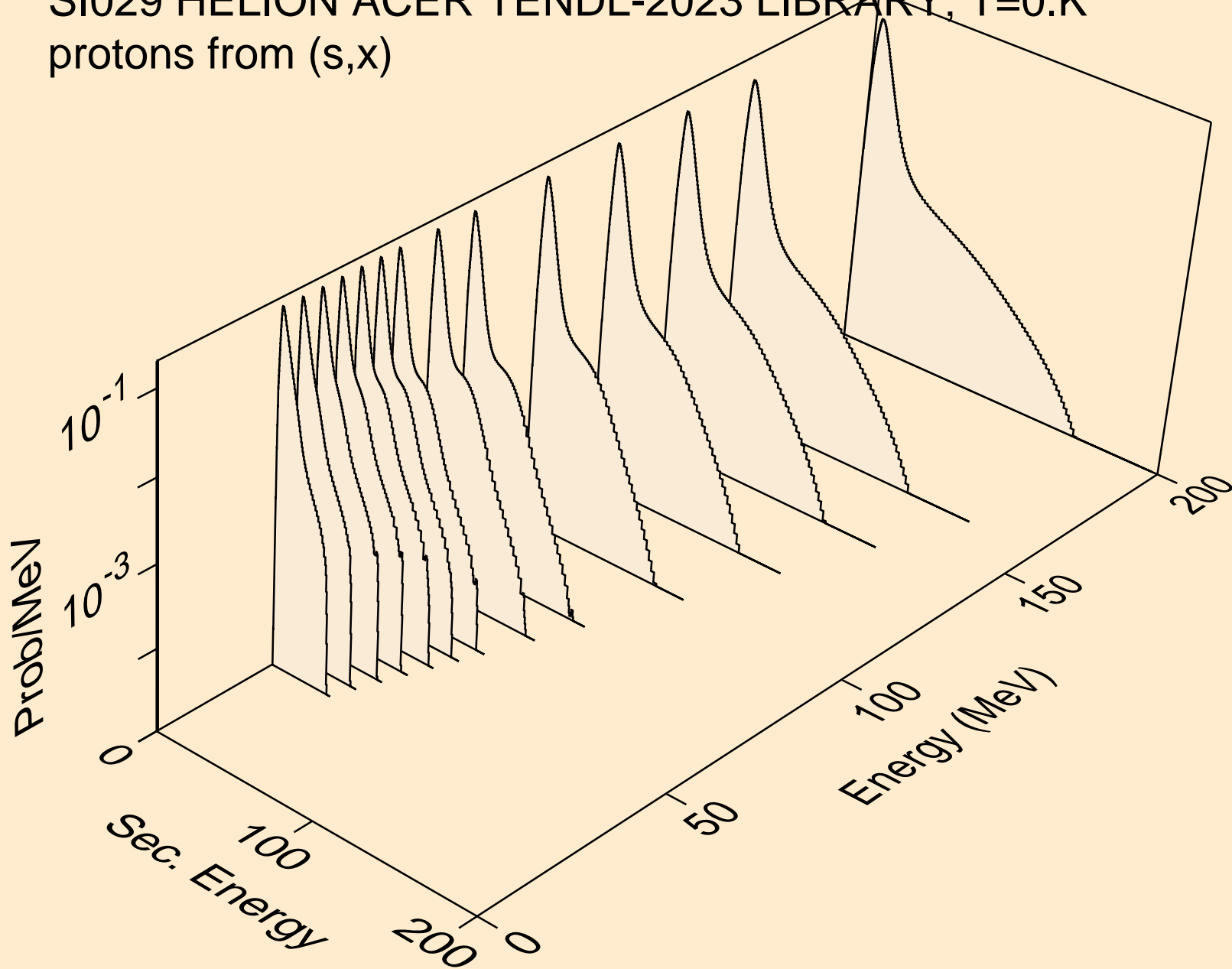
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neutrons from (s,n2p)



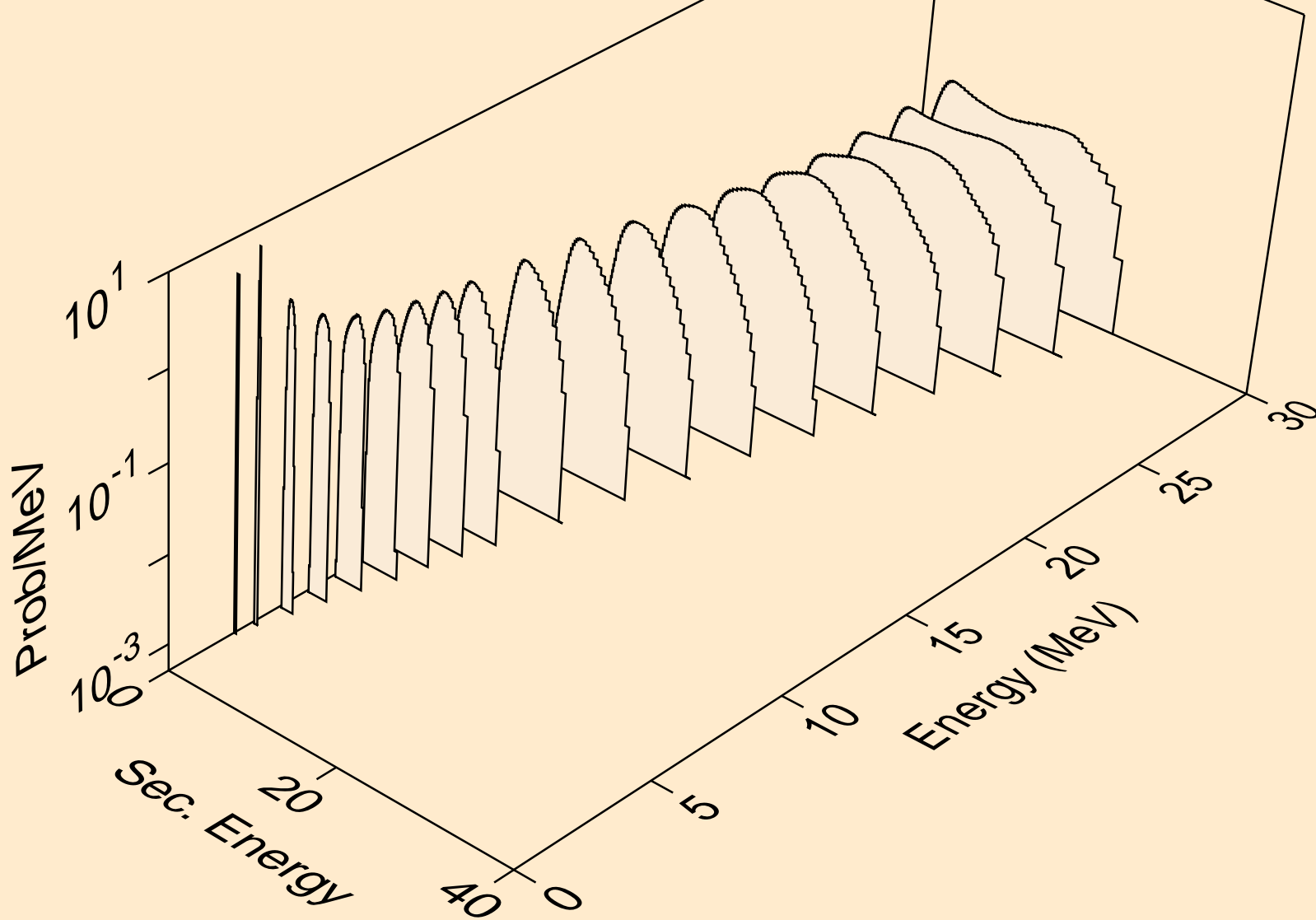
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neutrons from (s,npa)



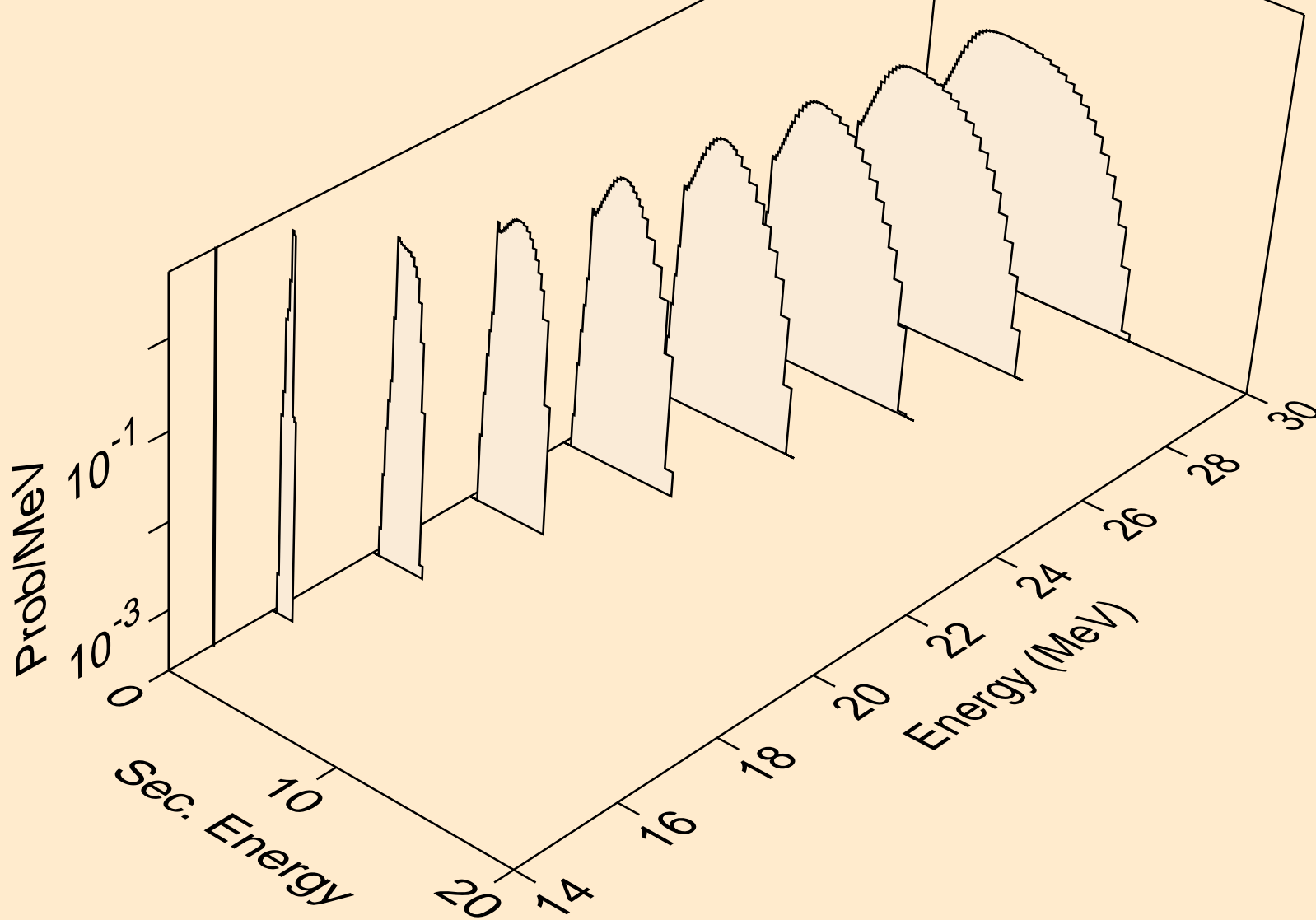
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protons from (s,x)



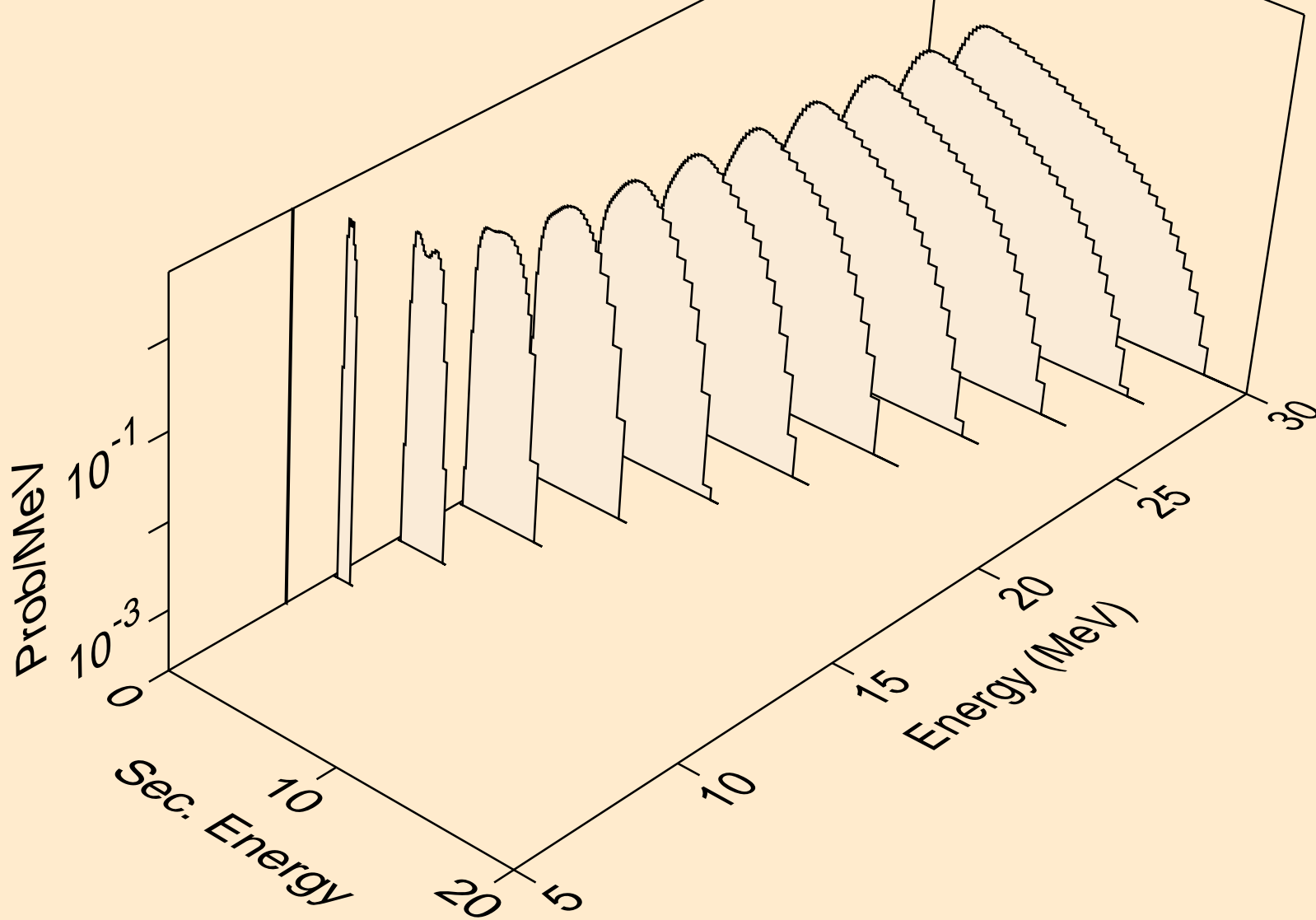
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protons from (s,n\*)p



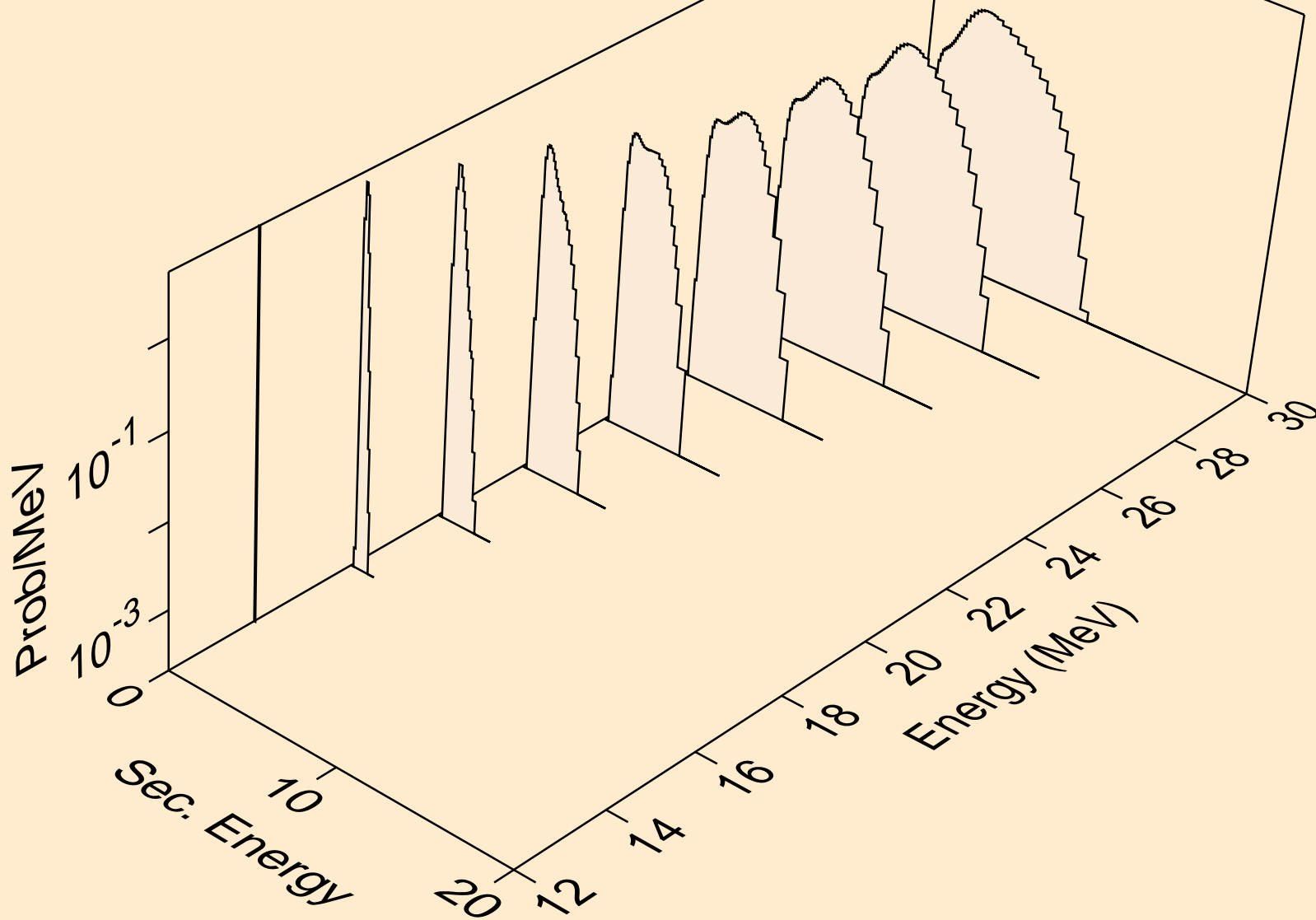
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protons from (s,2np)



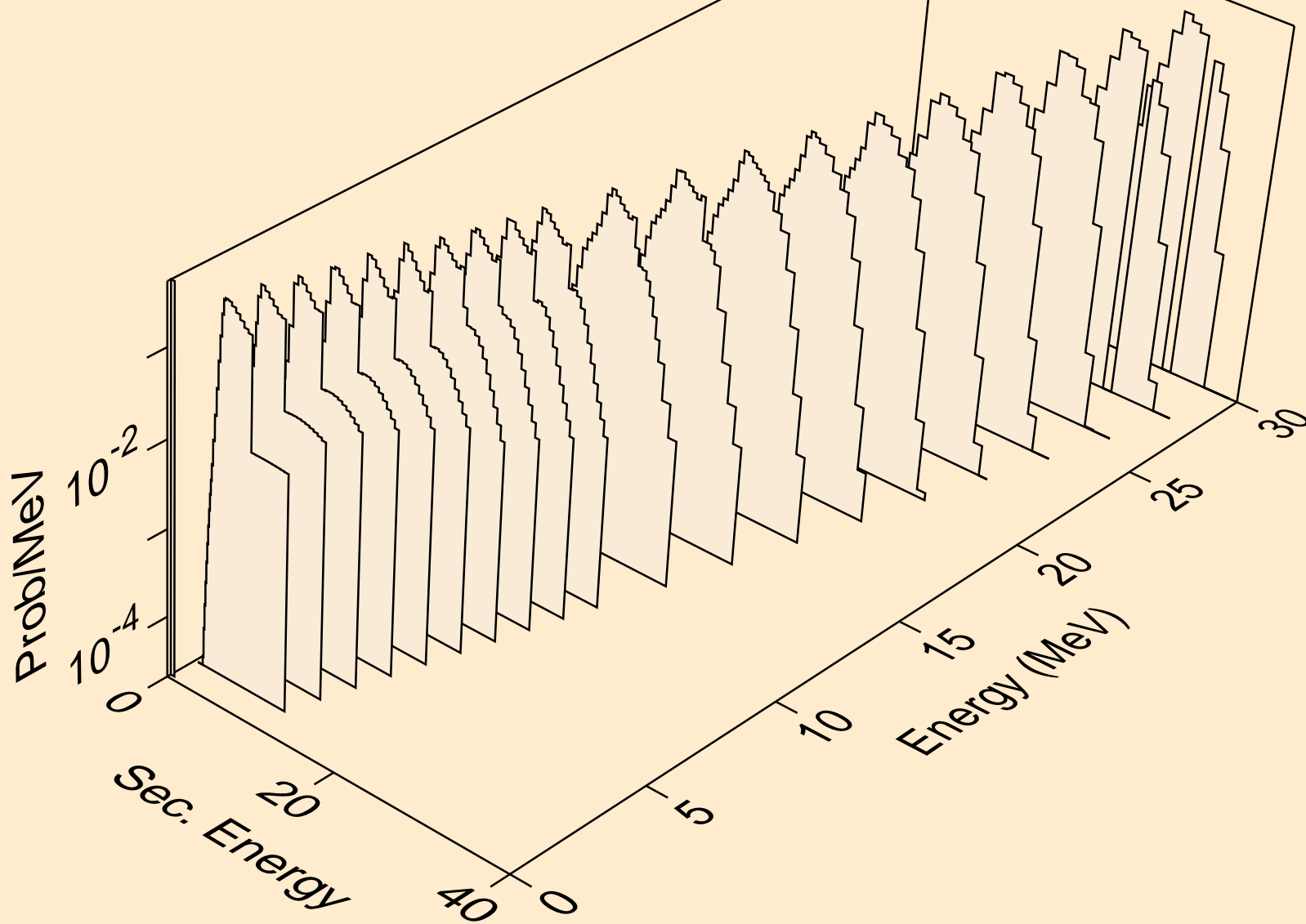
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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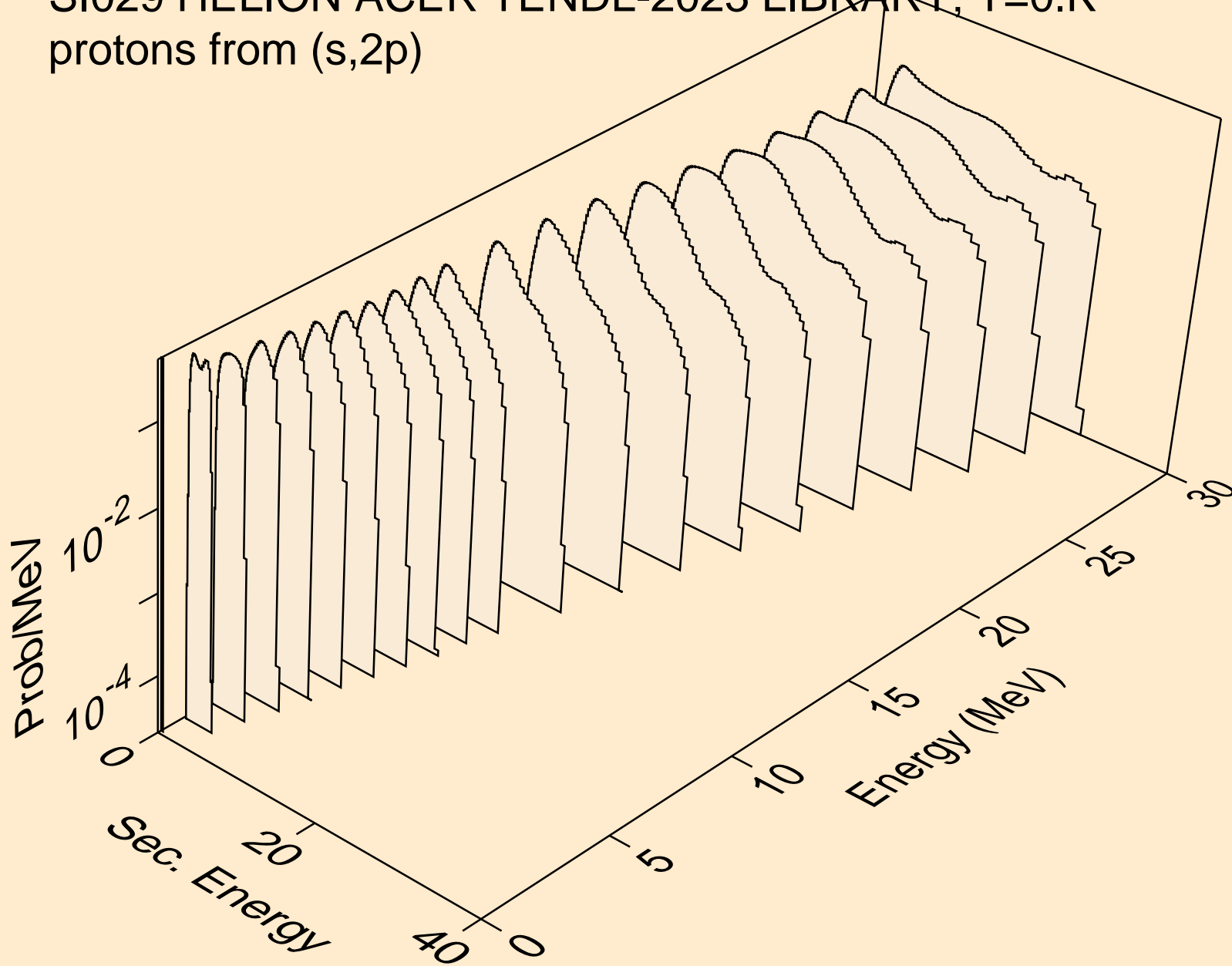


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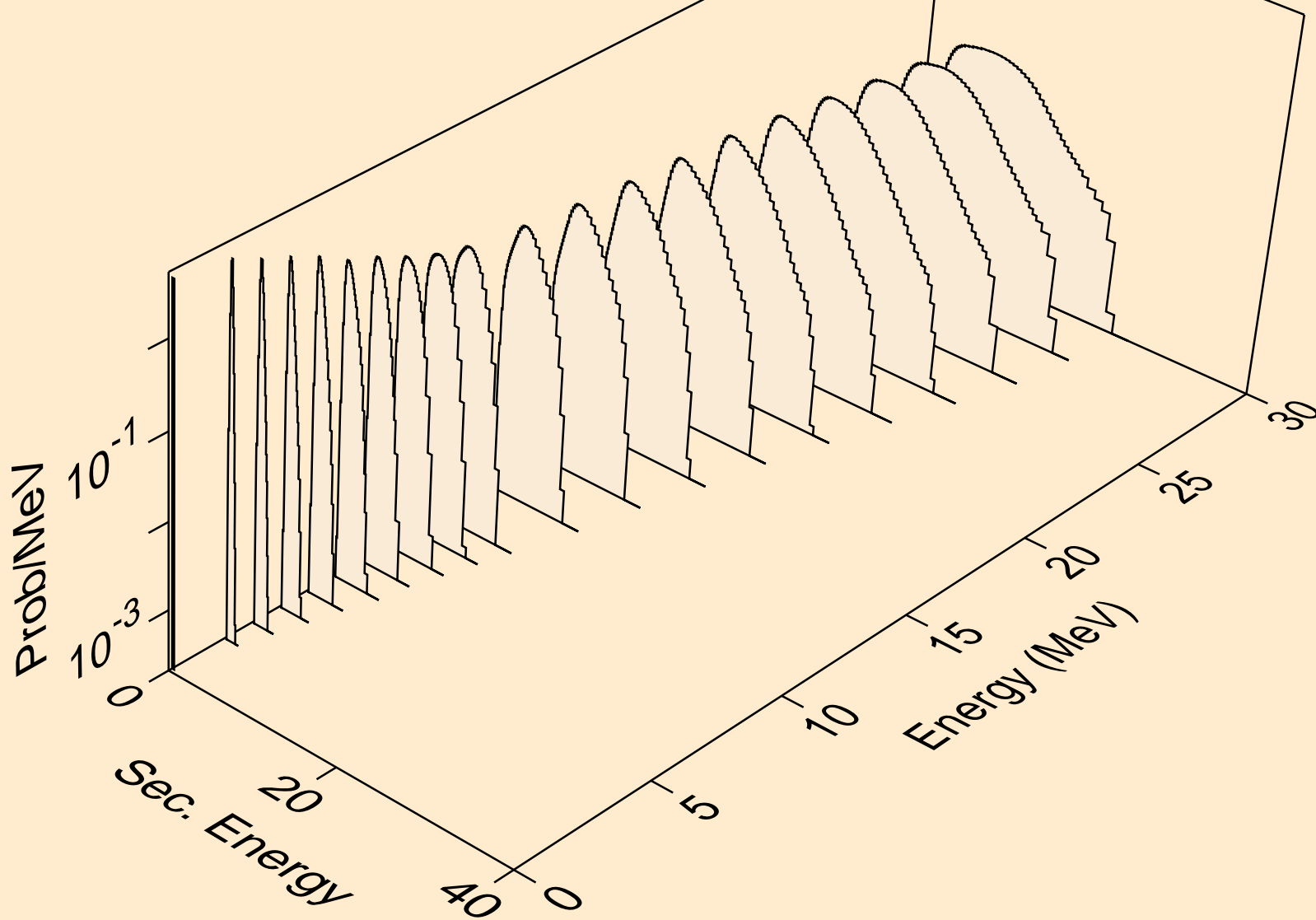




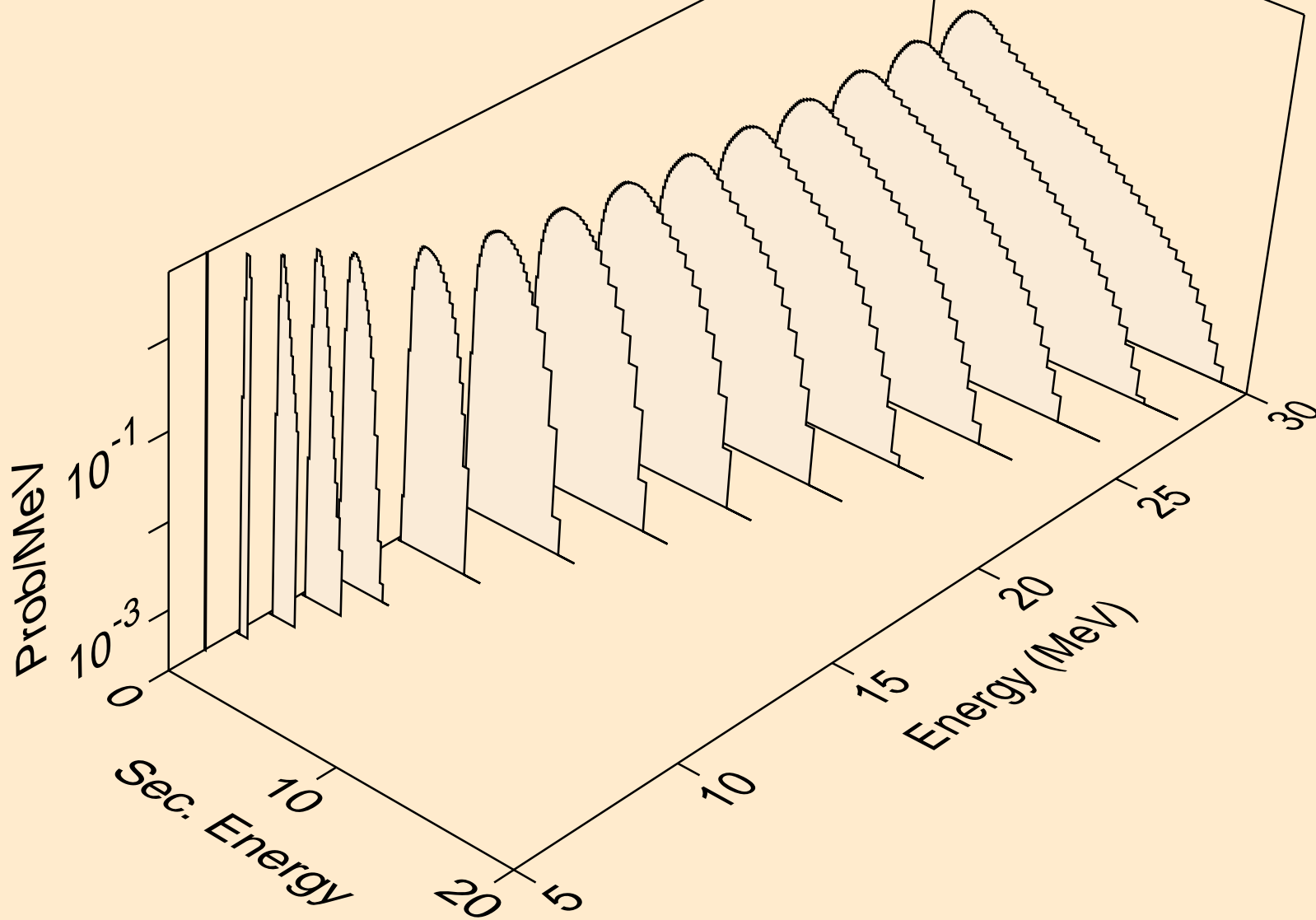
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protons from (s,2p)



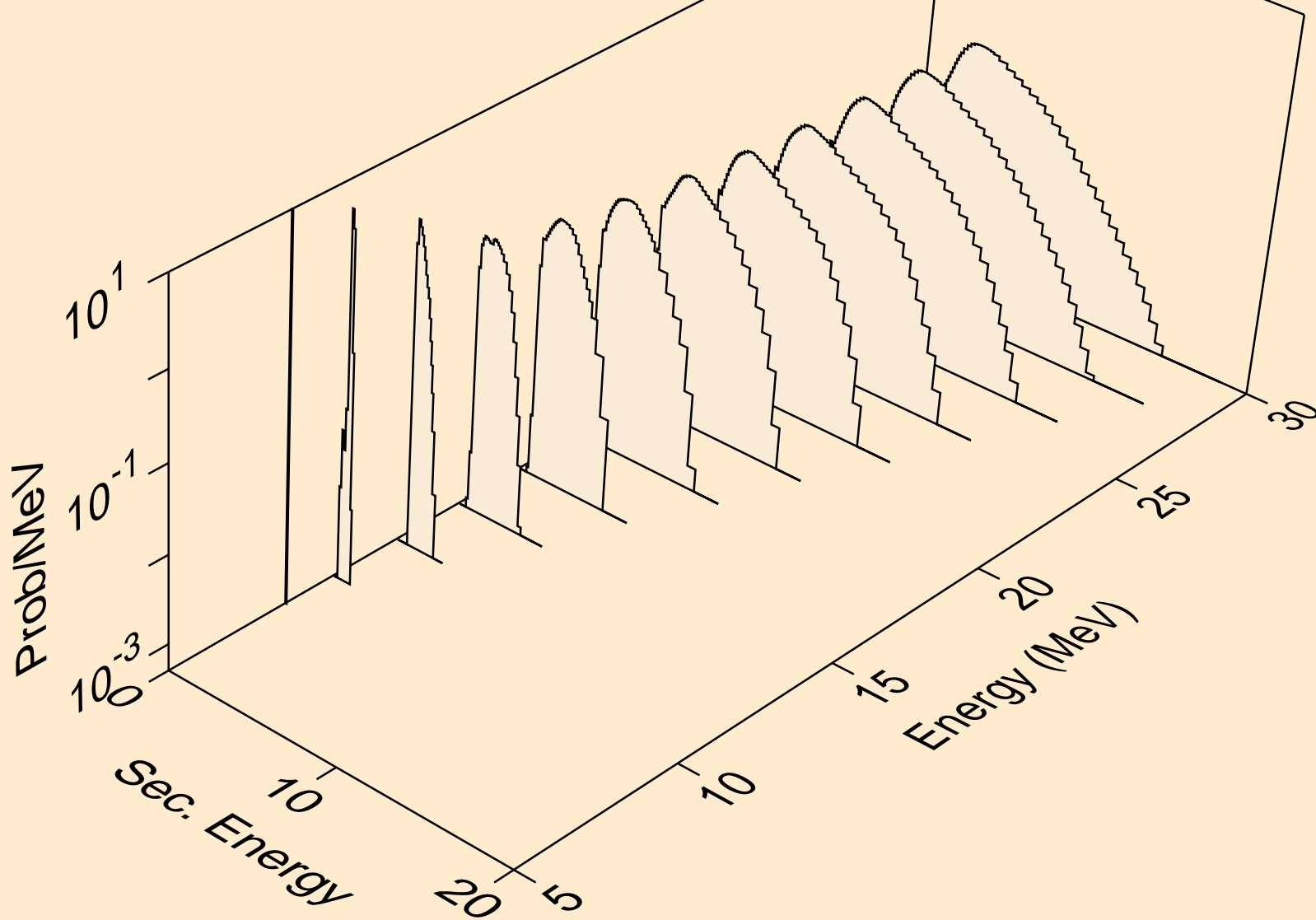
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protons from (s,pa)



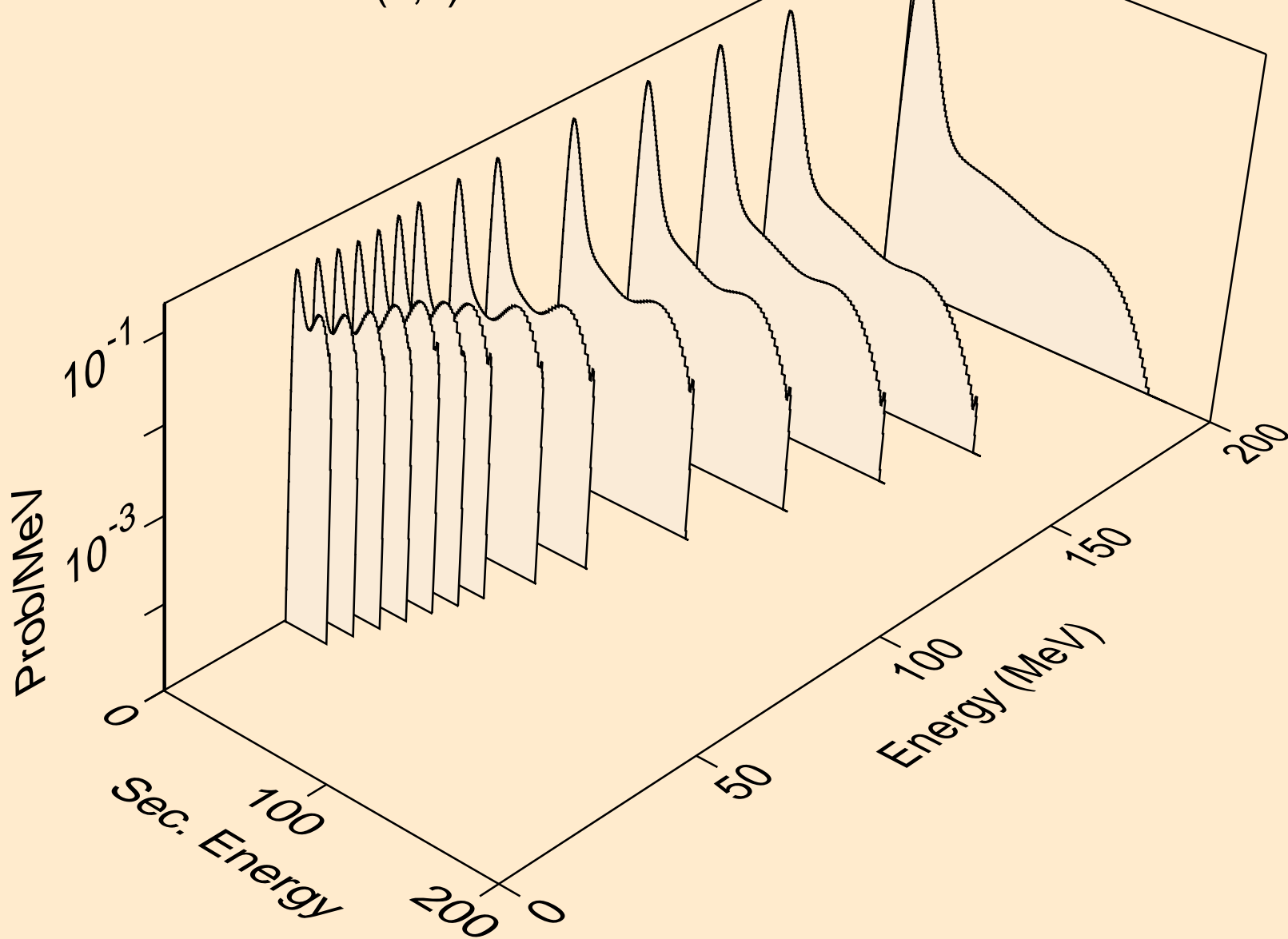
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protons from (s,pd)



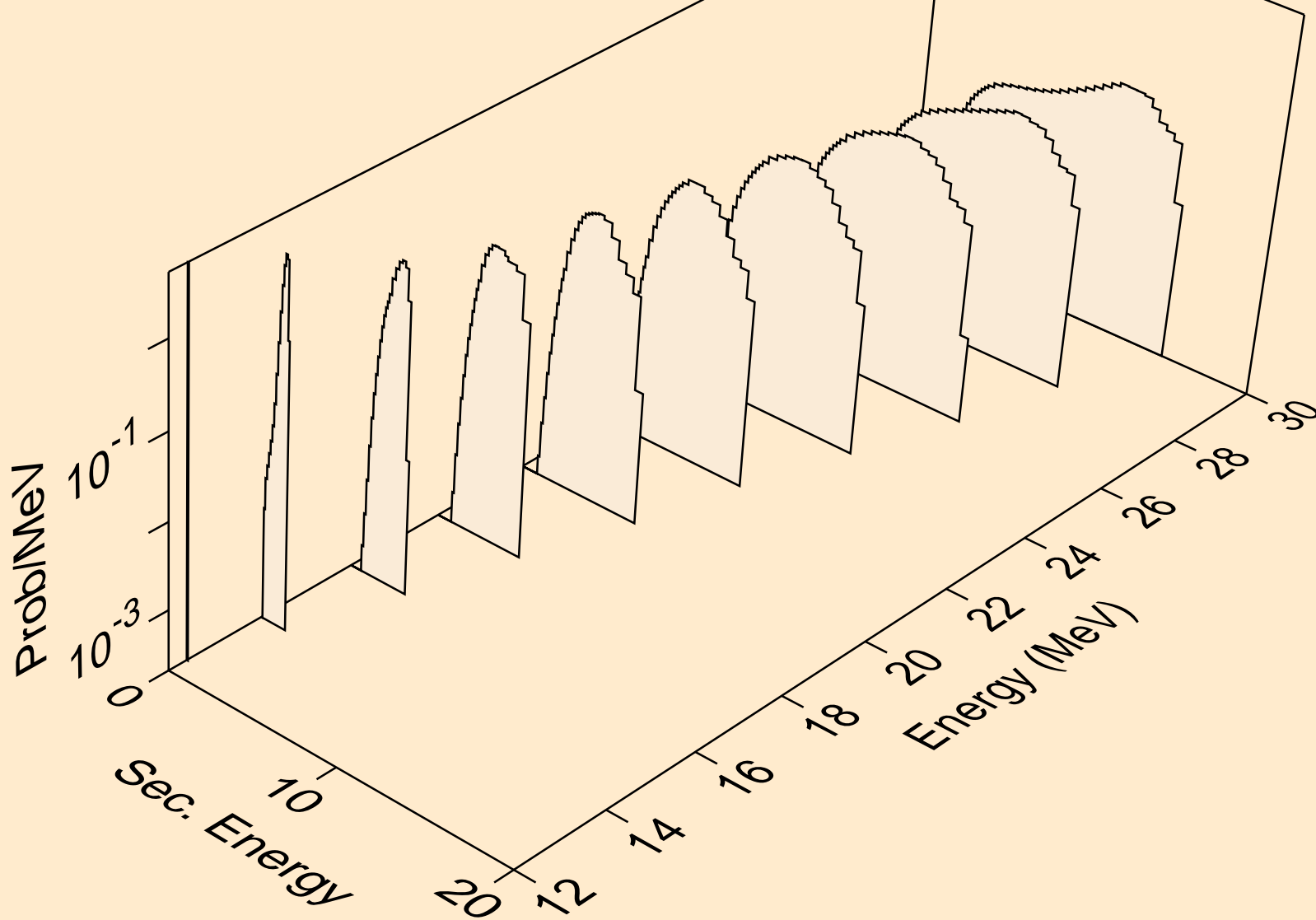
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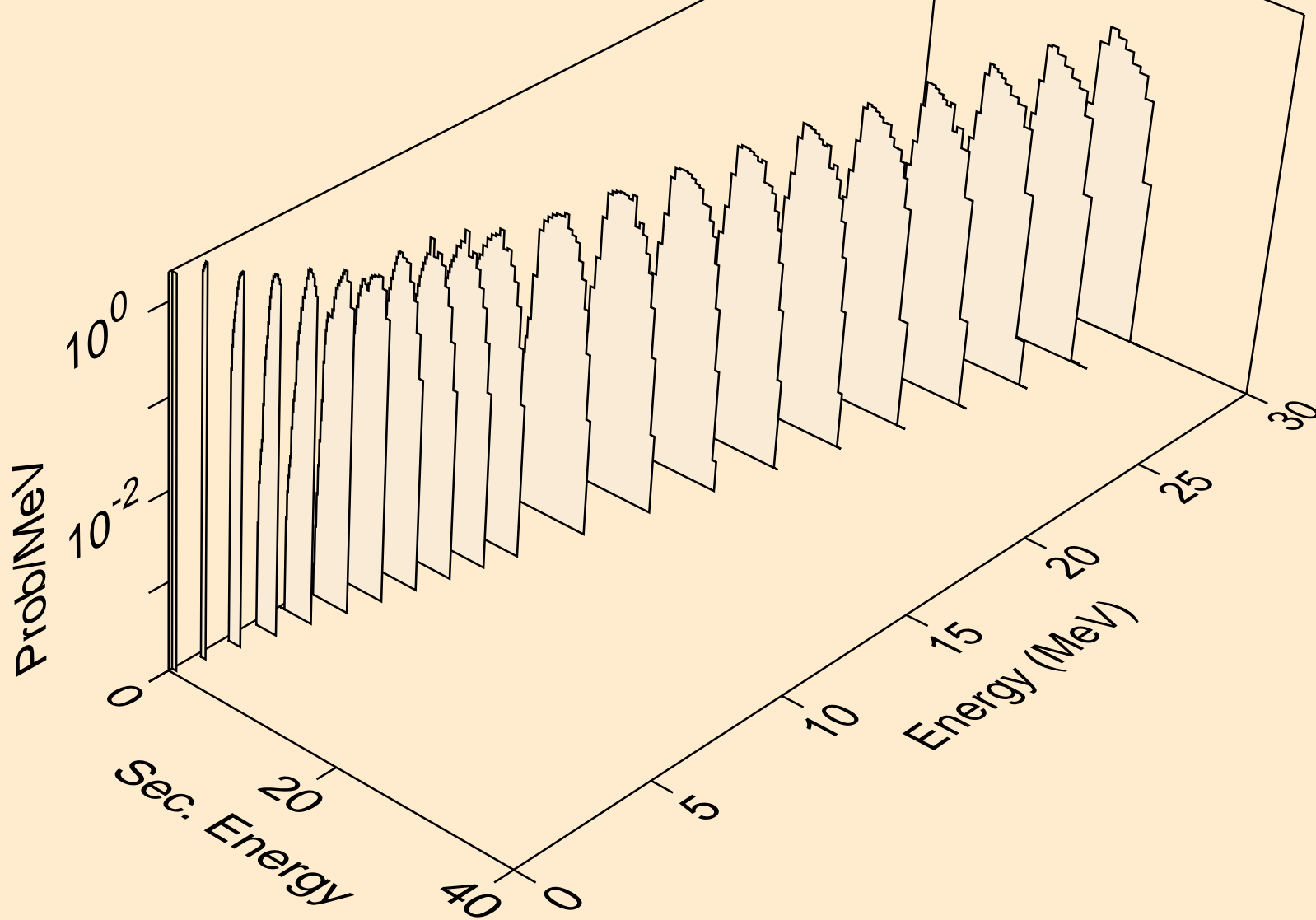
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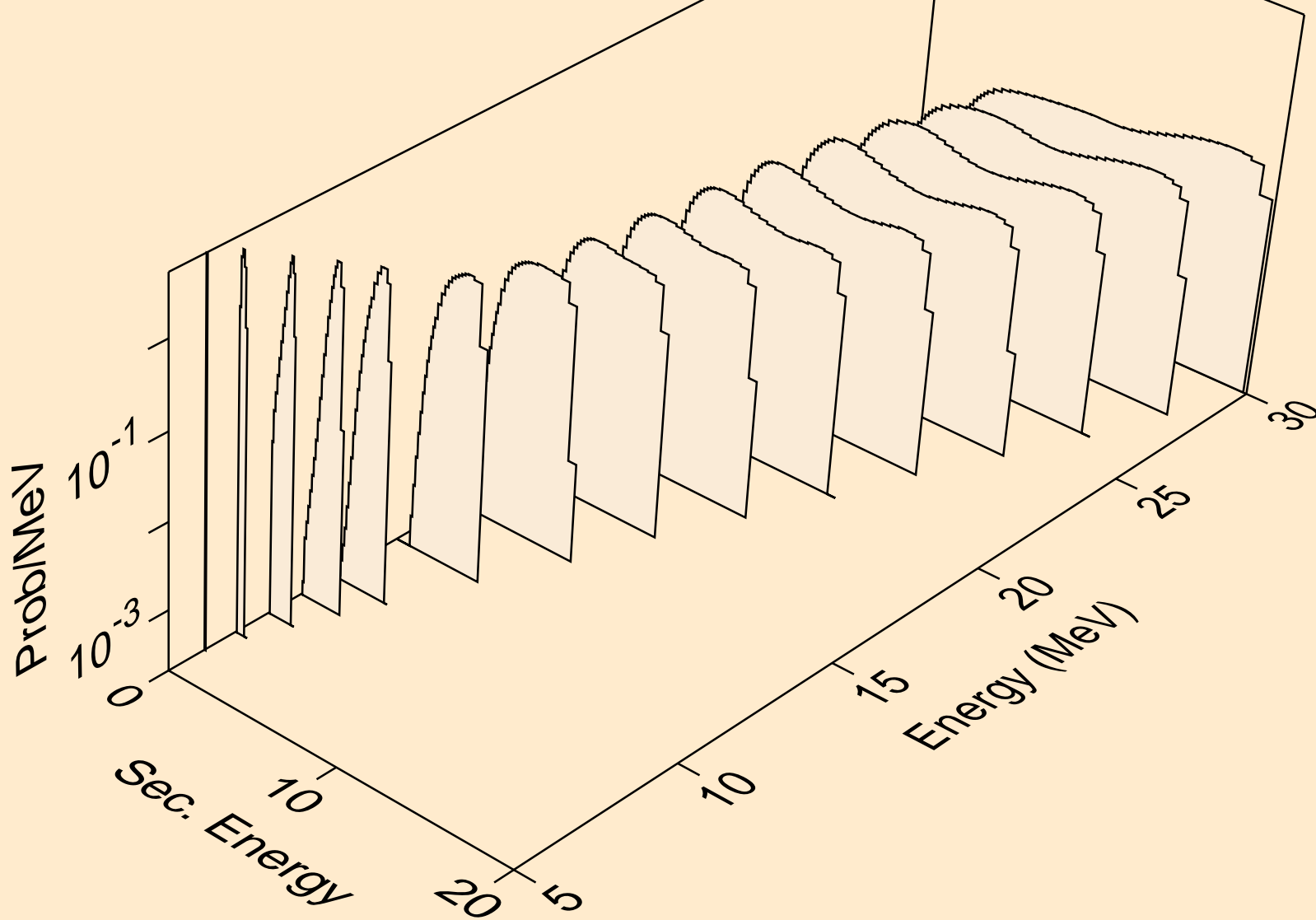
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deuterons from (s,n\*)d



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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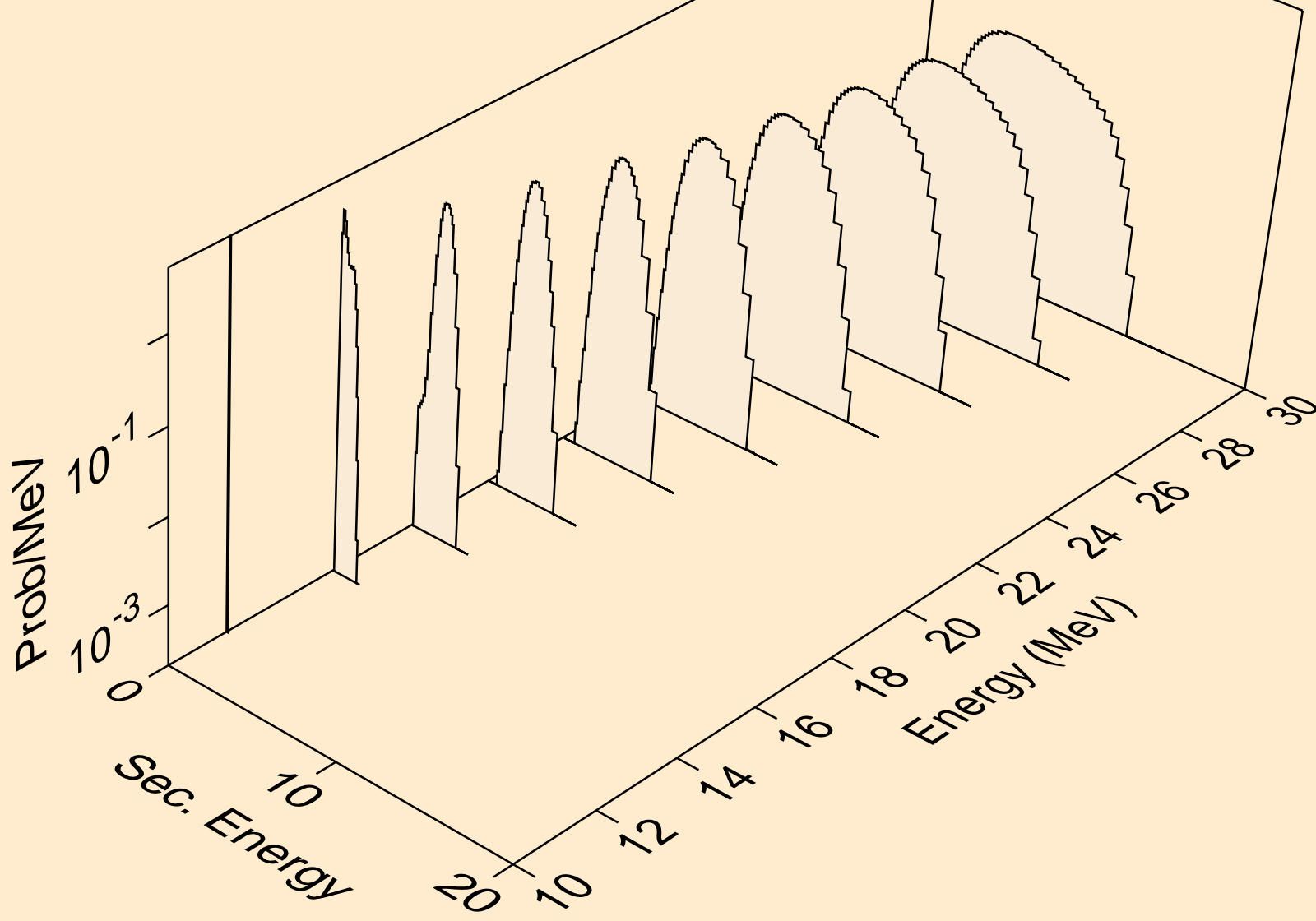


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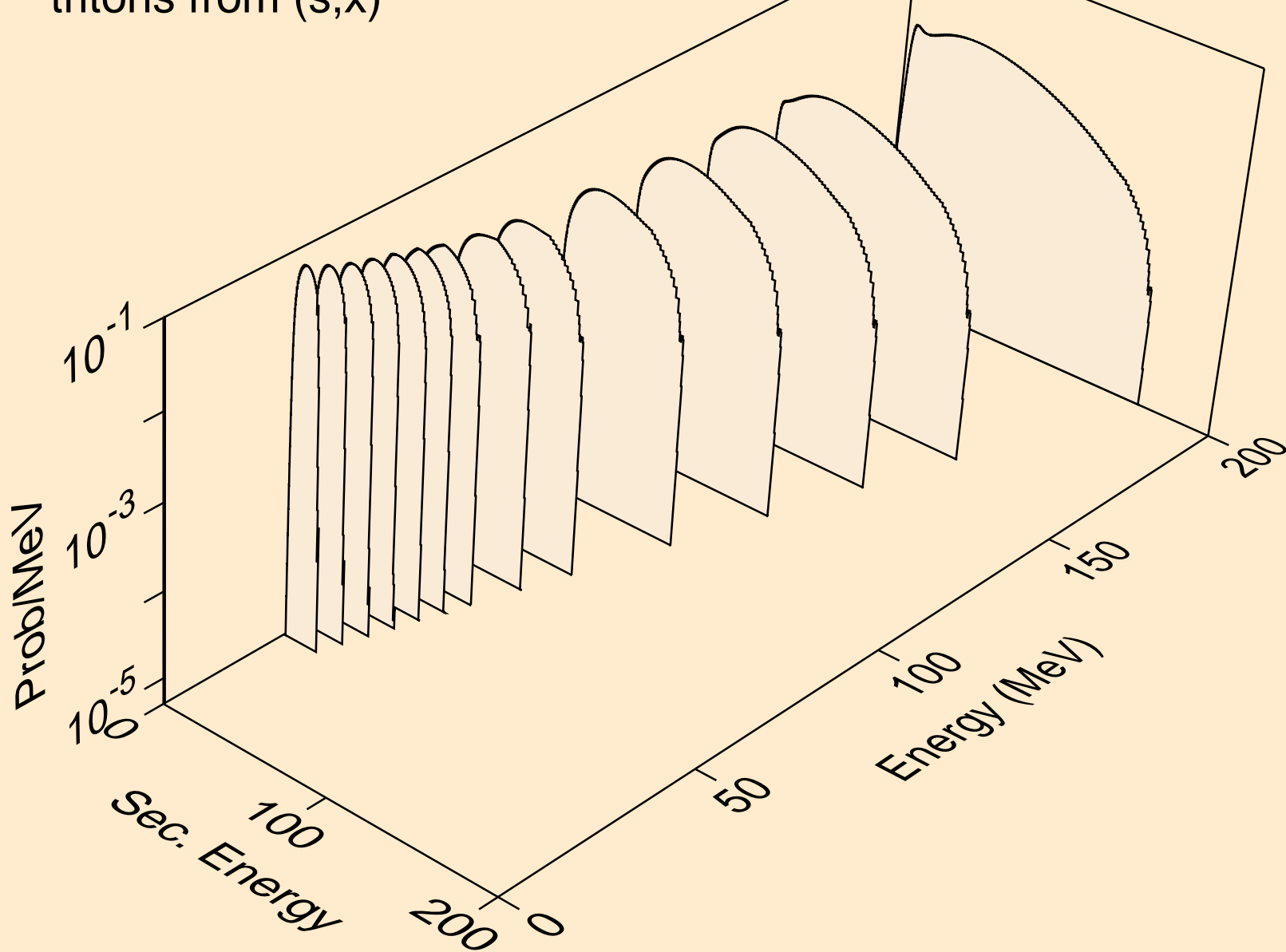




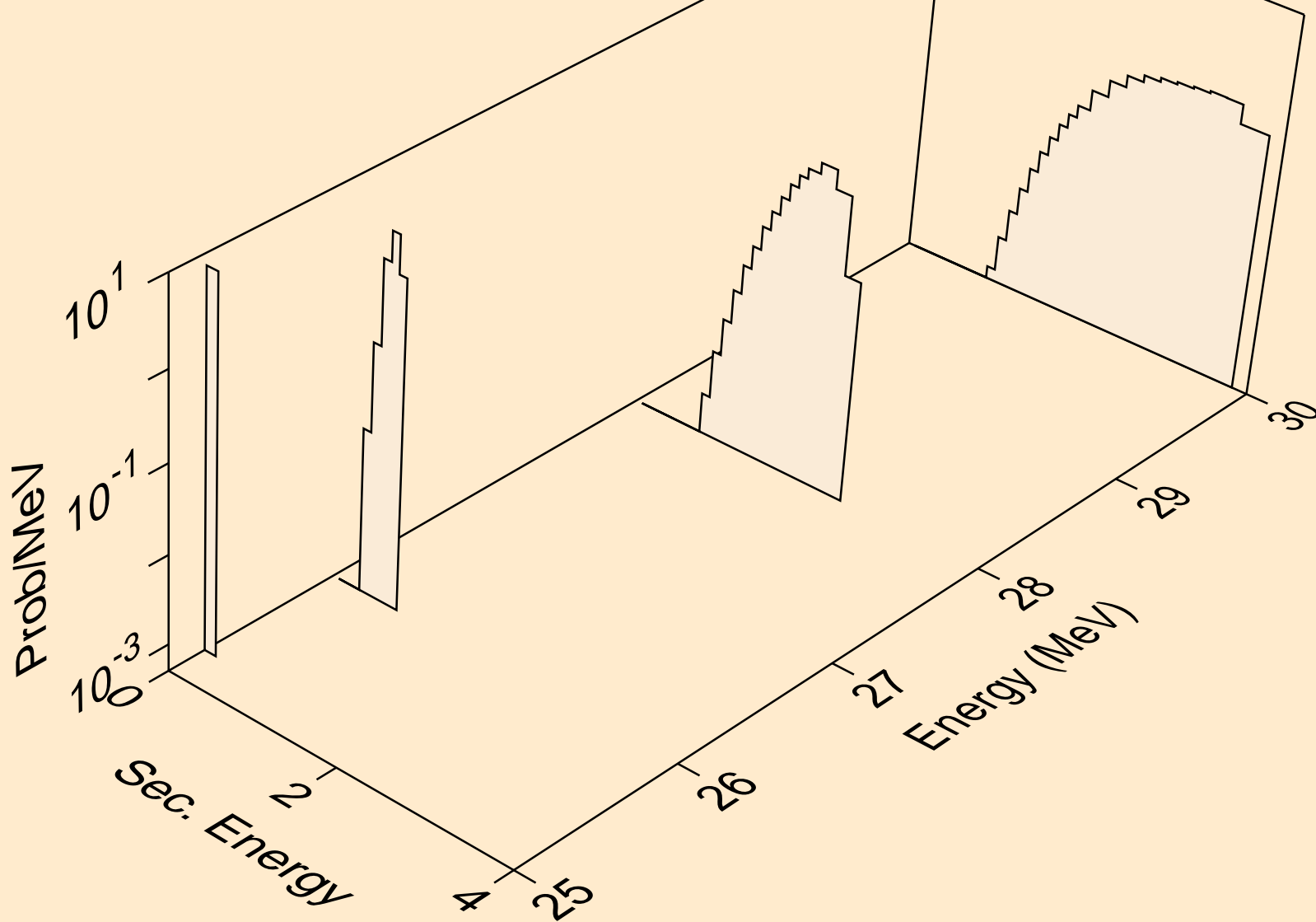
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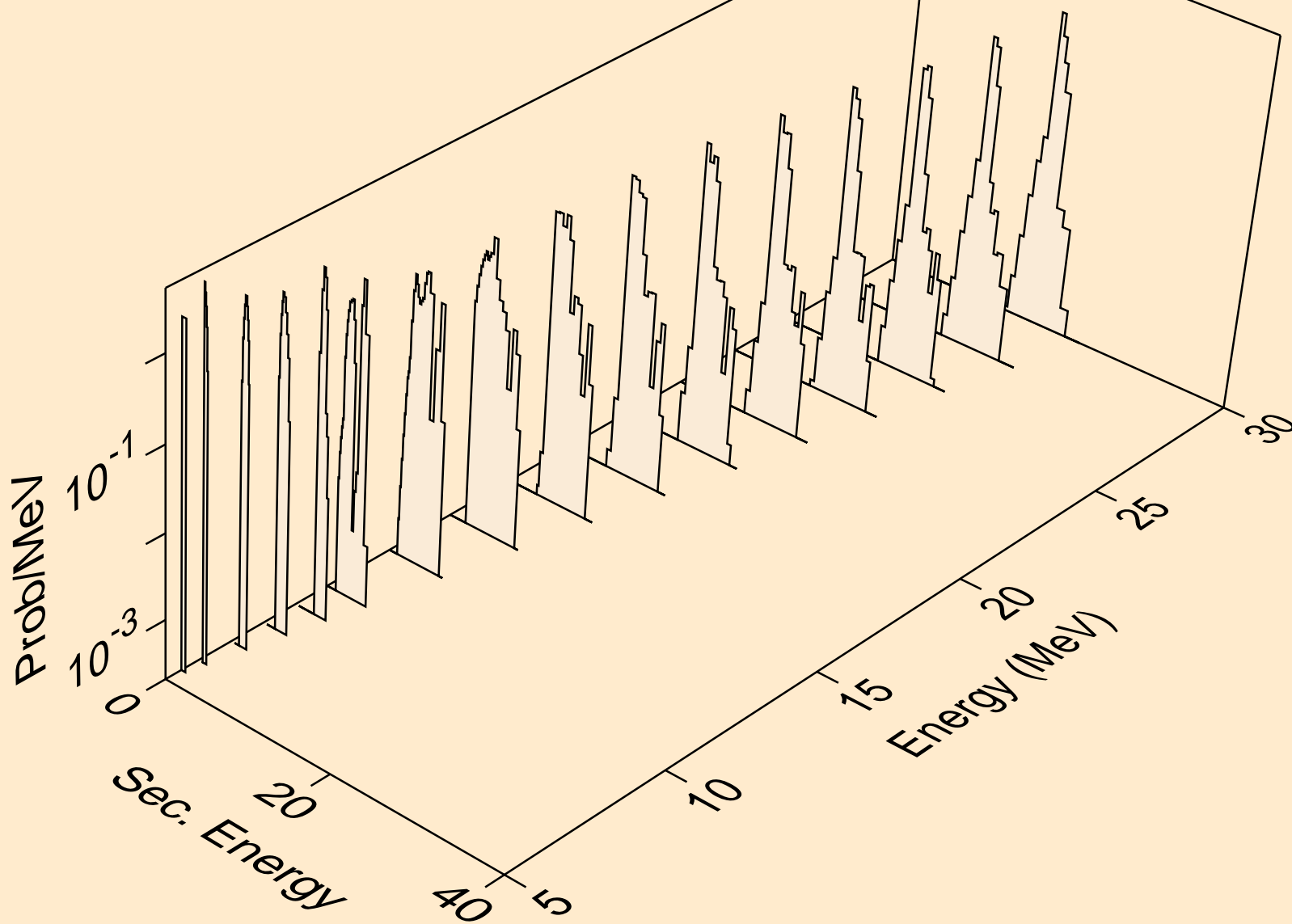
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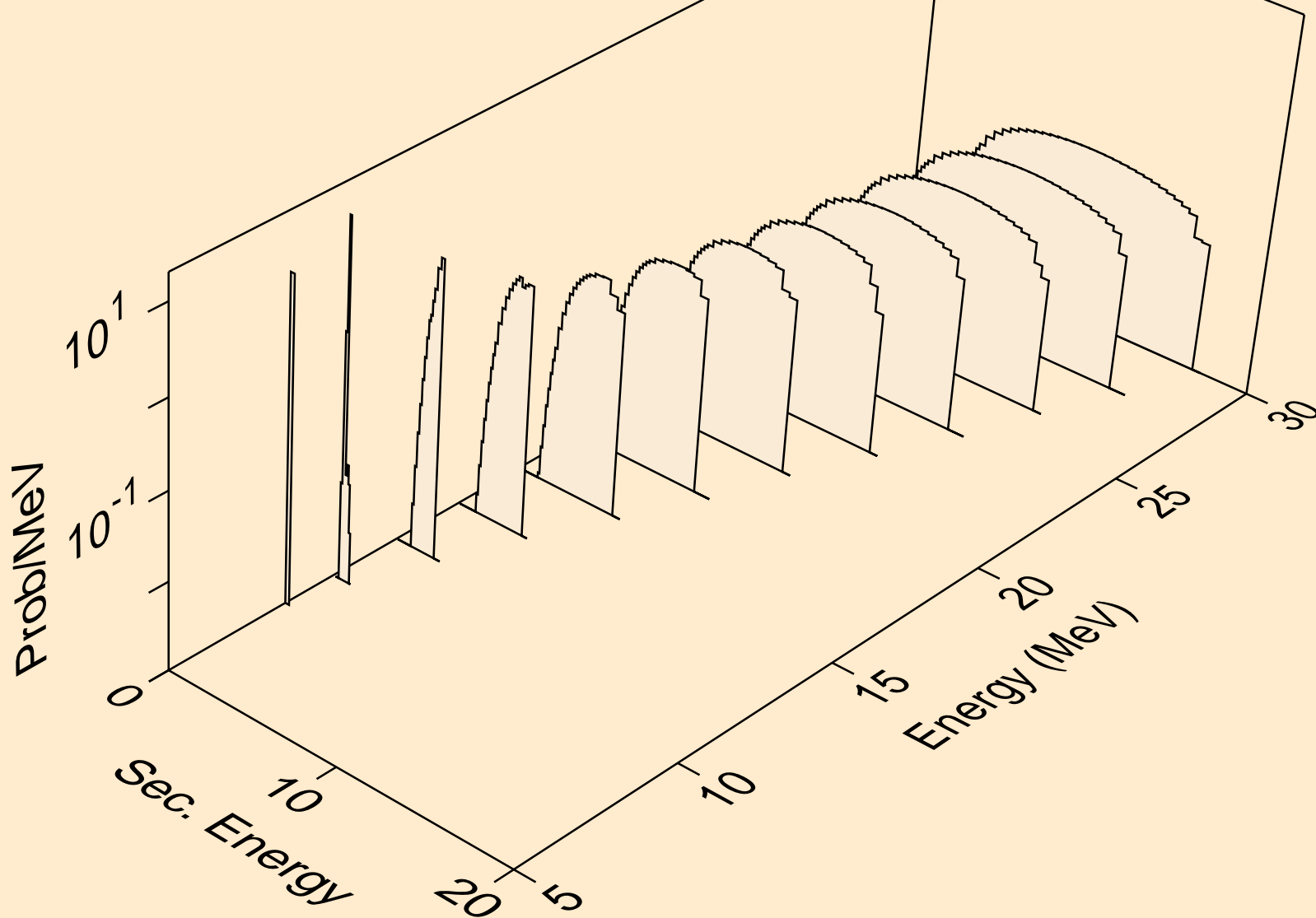
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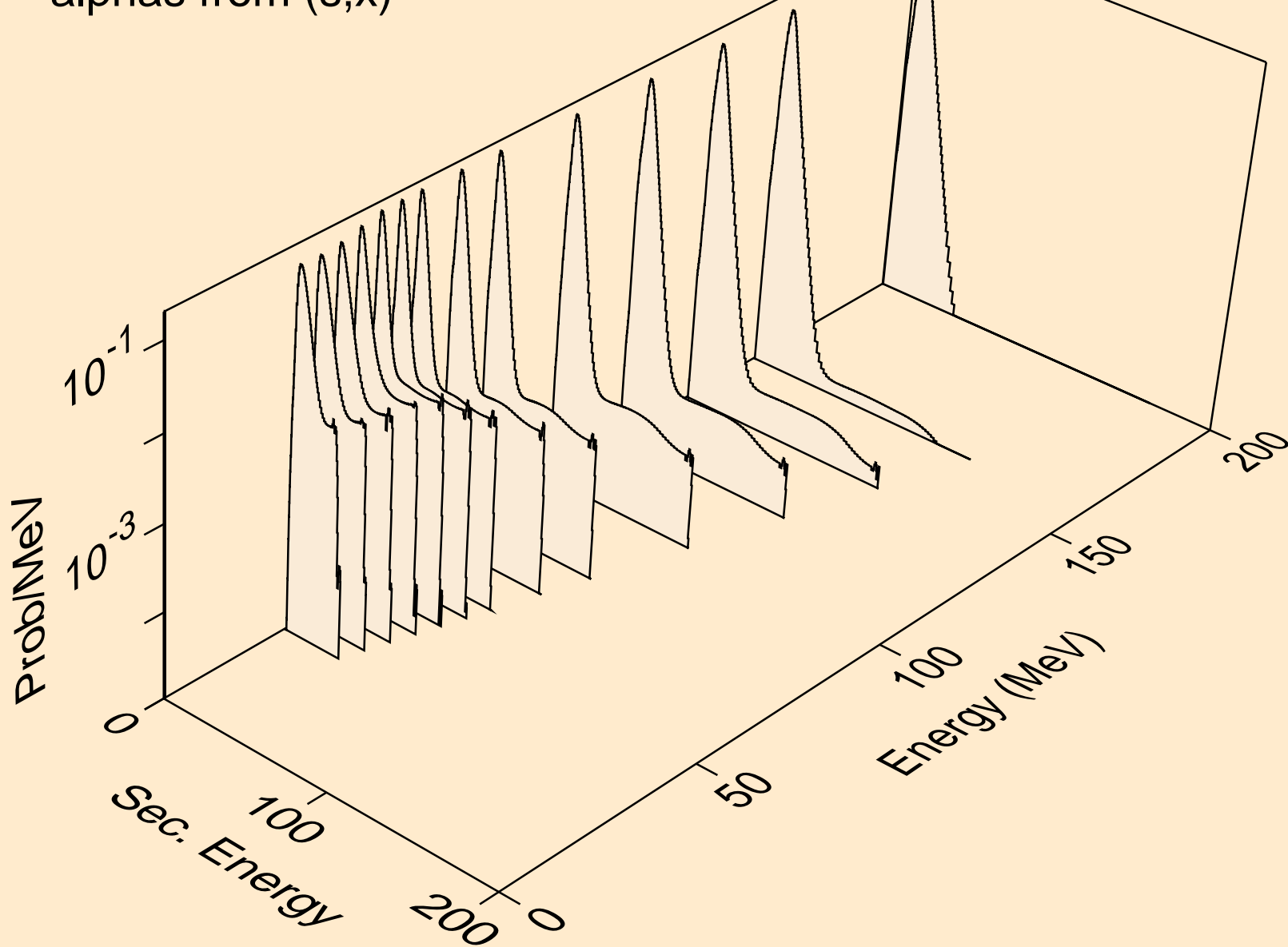
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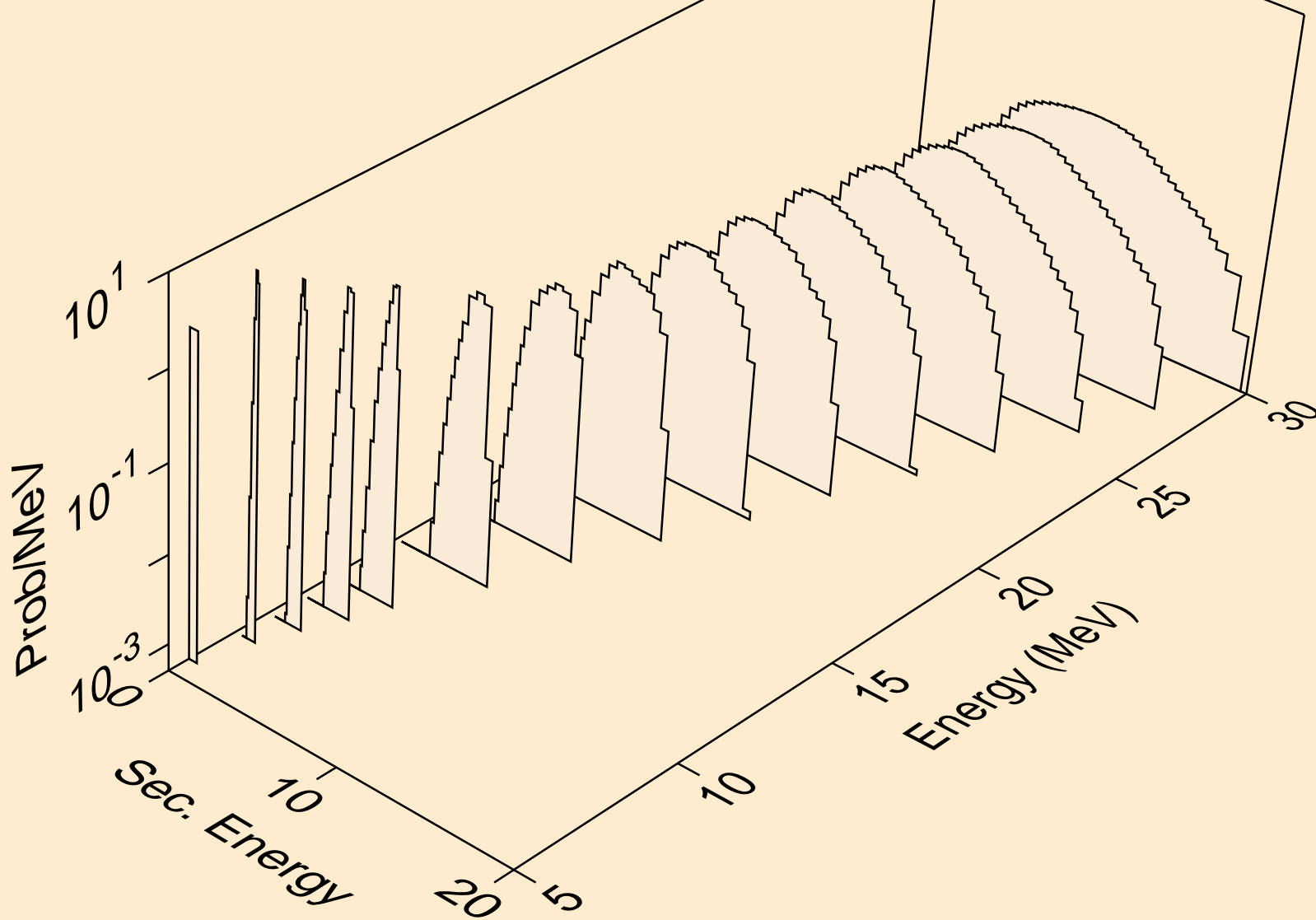
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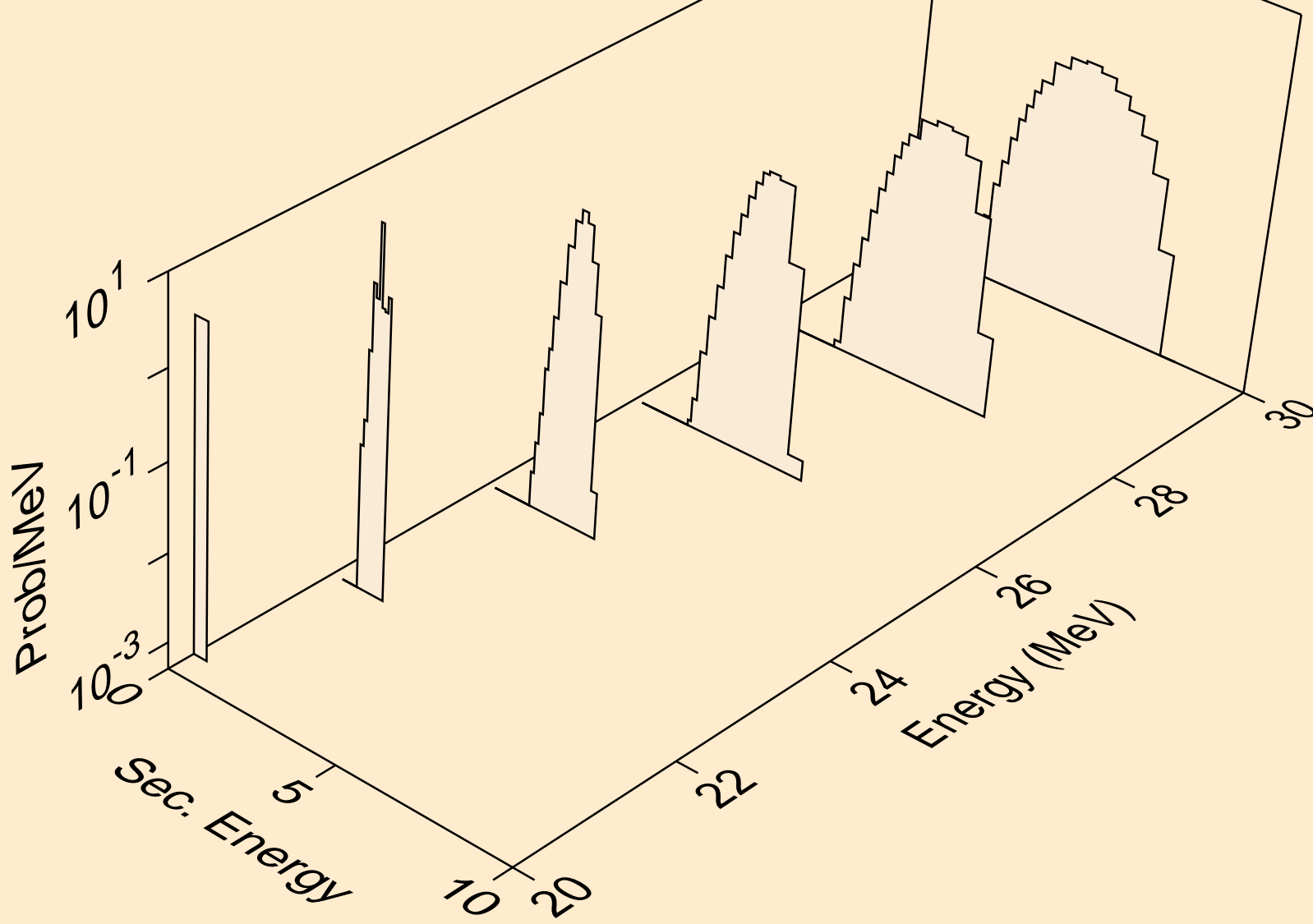
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alphas from (s,x)



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a

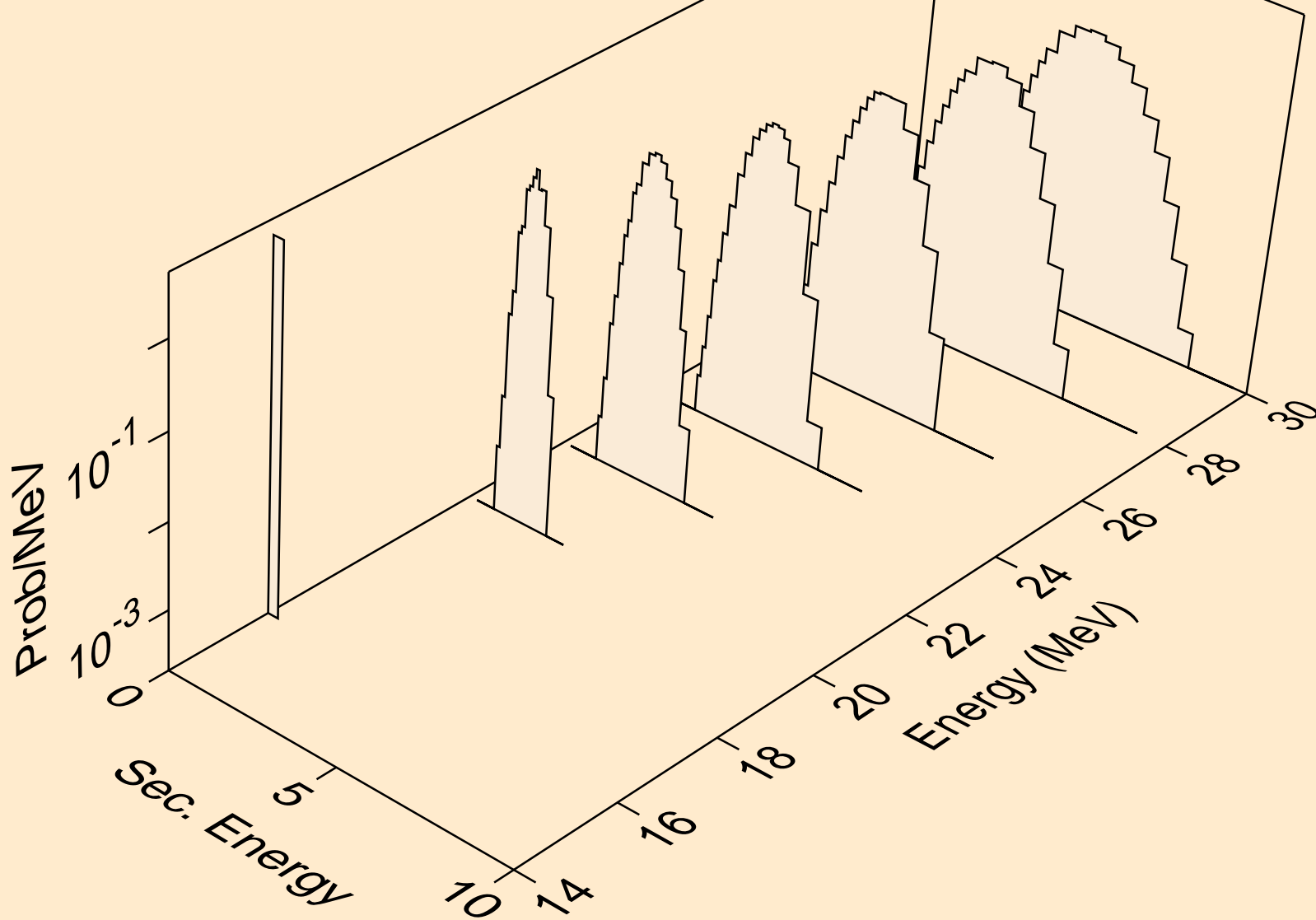


SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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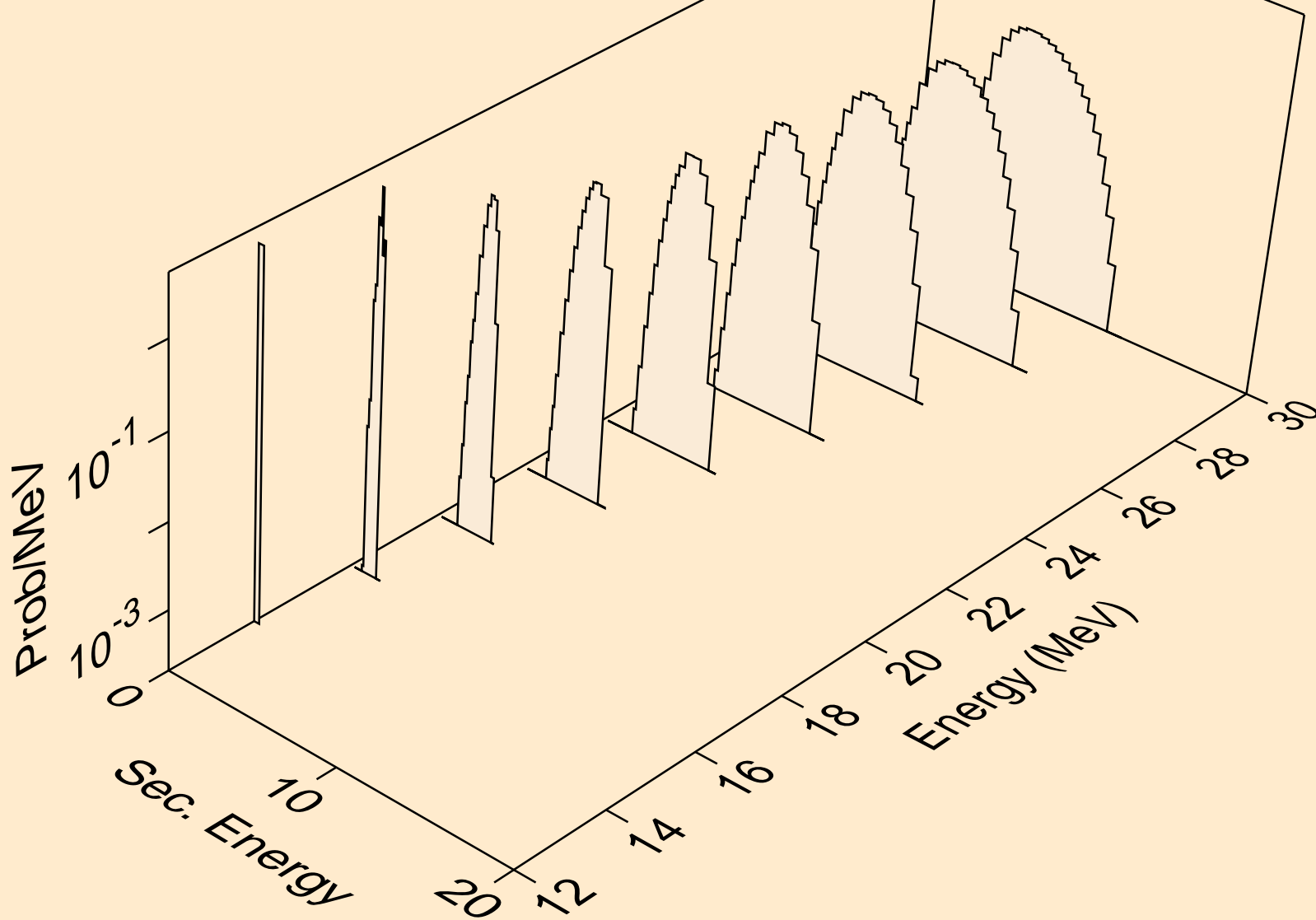




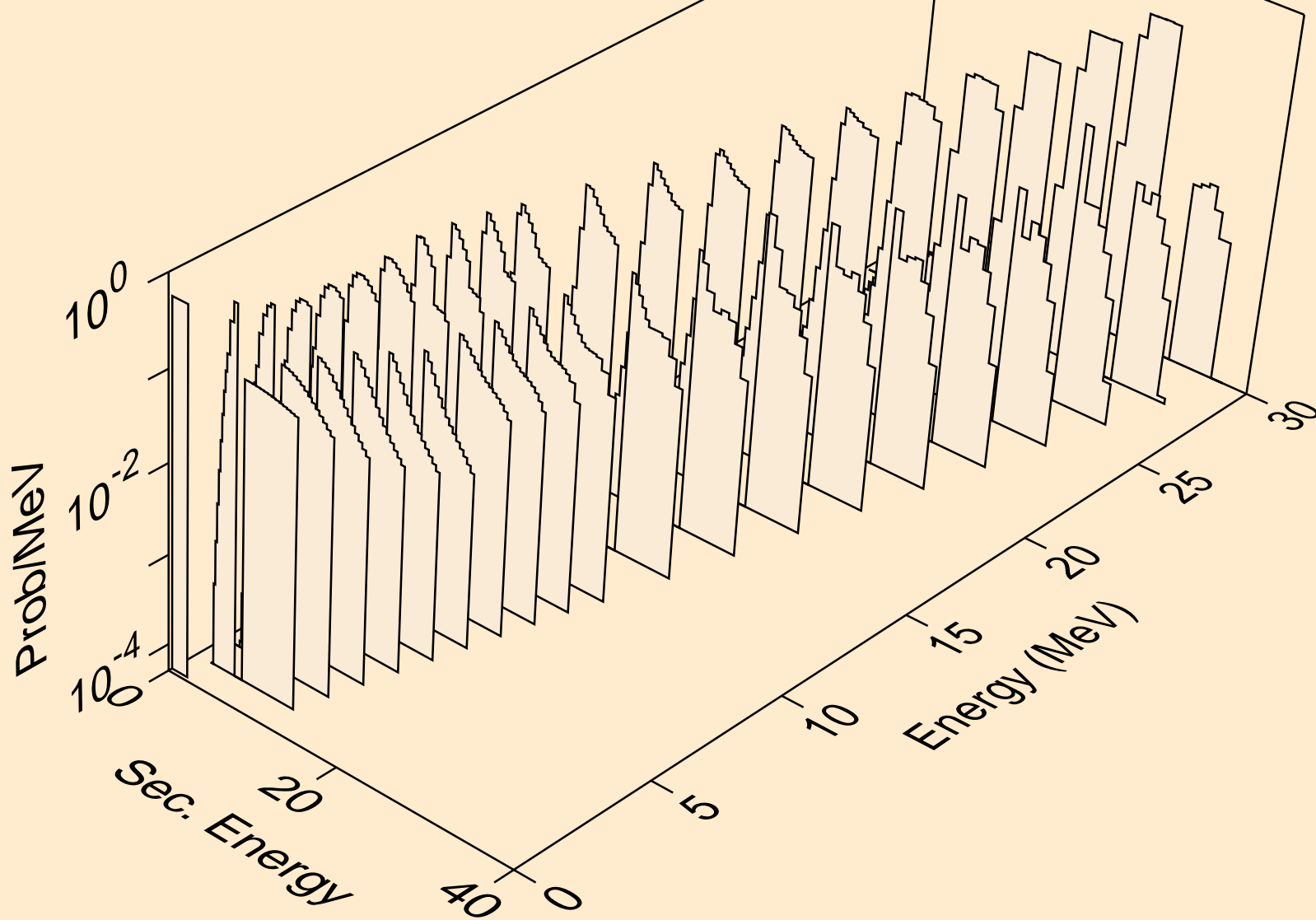
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alphas from (s,n\*)2a



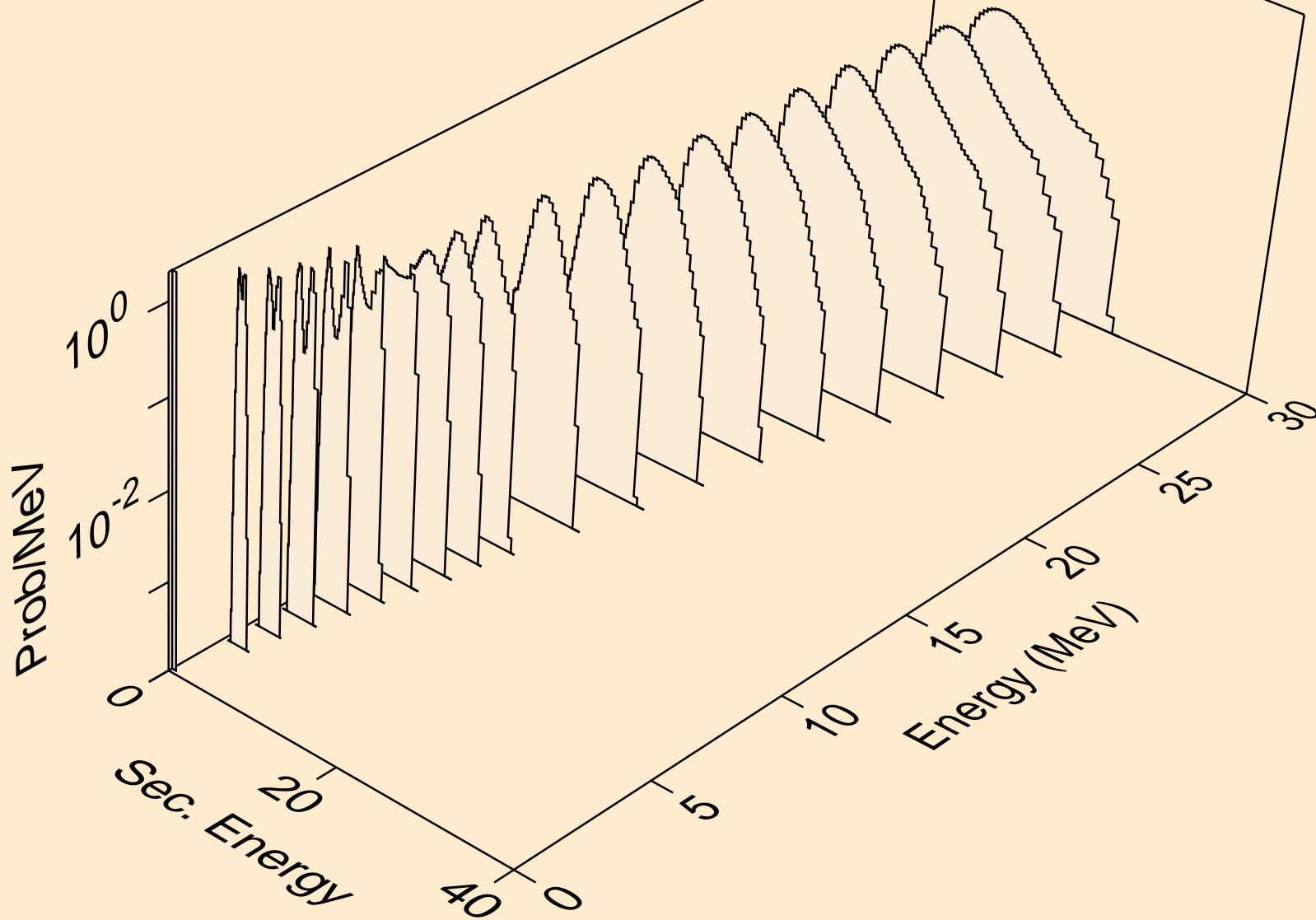
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alphas from (s,npa)



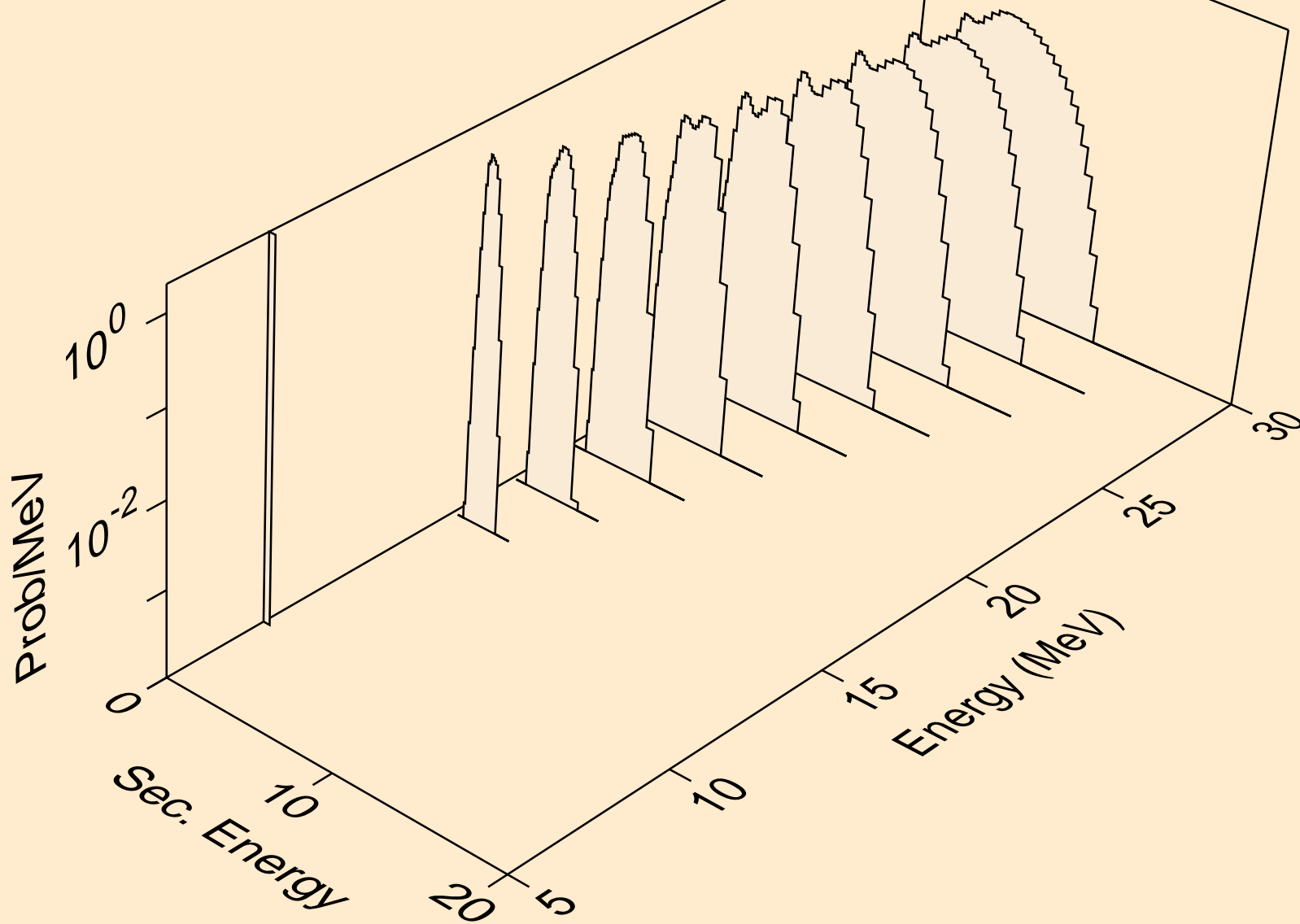
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alphas from (s,a)



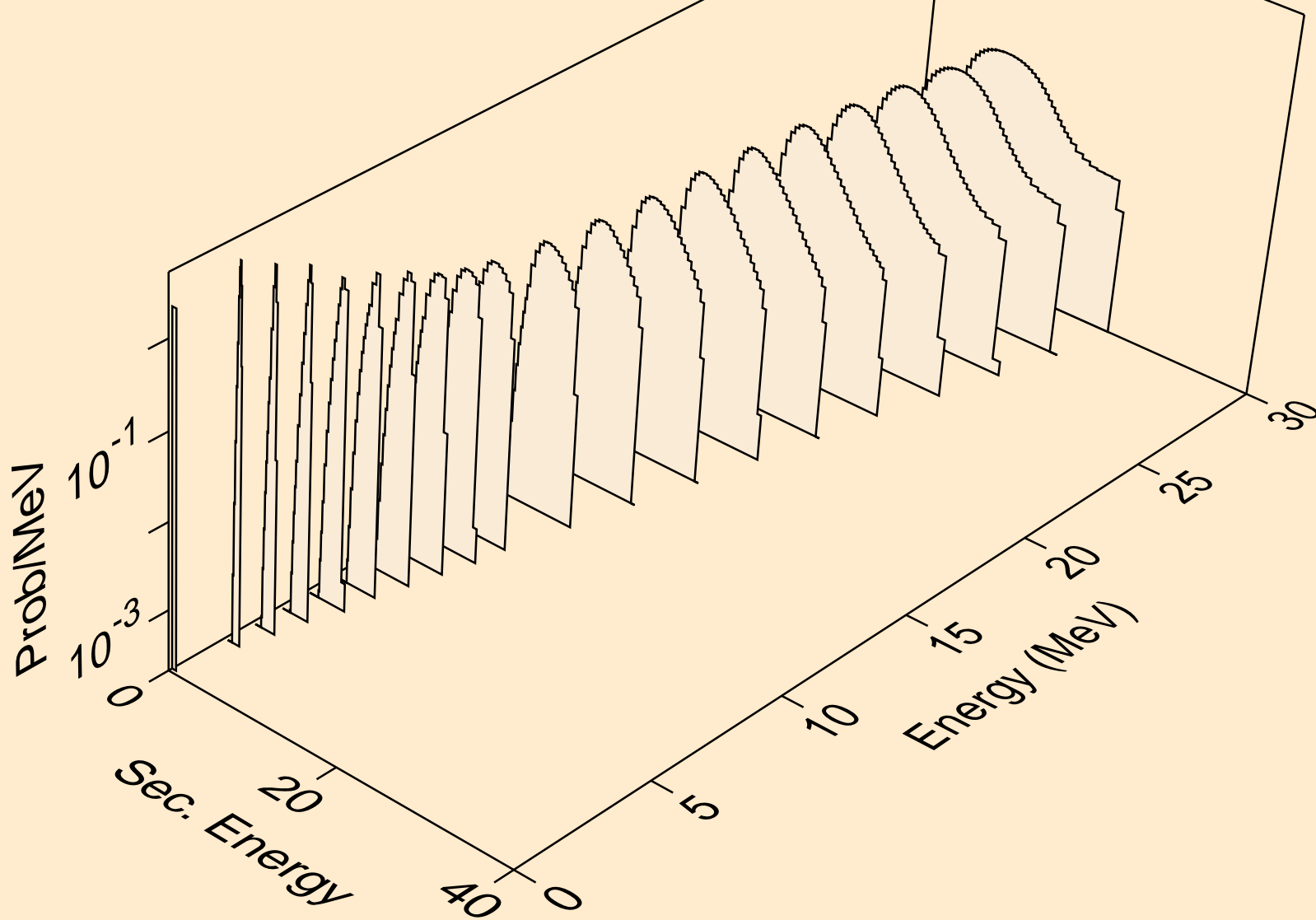
SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3a)



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



SI029 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

