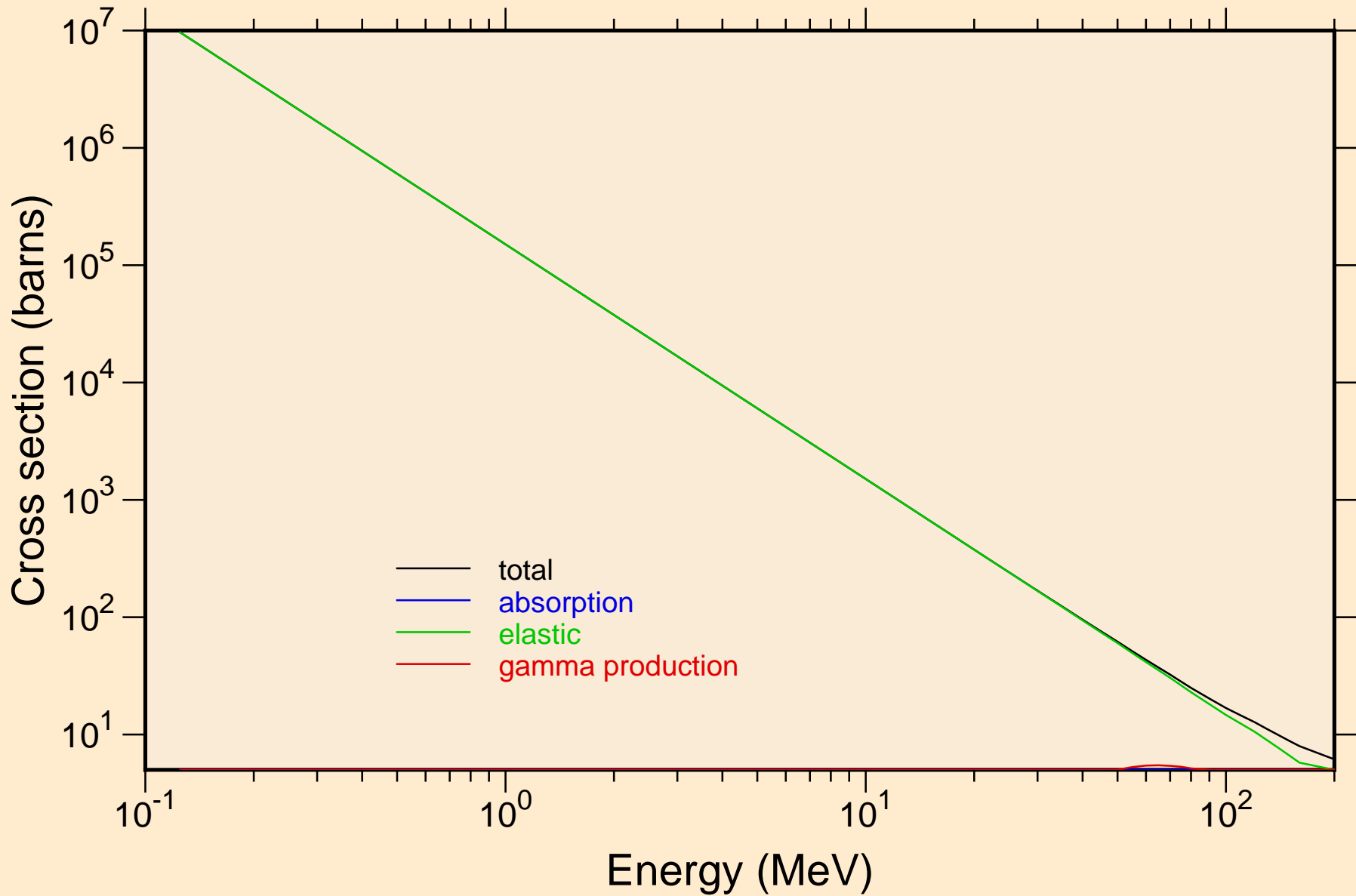
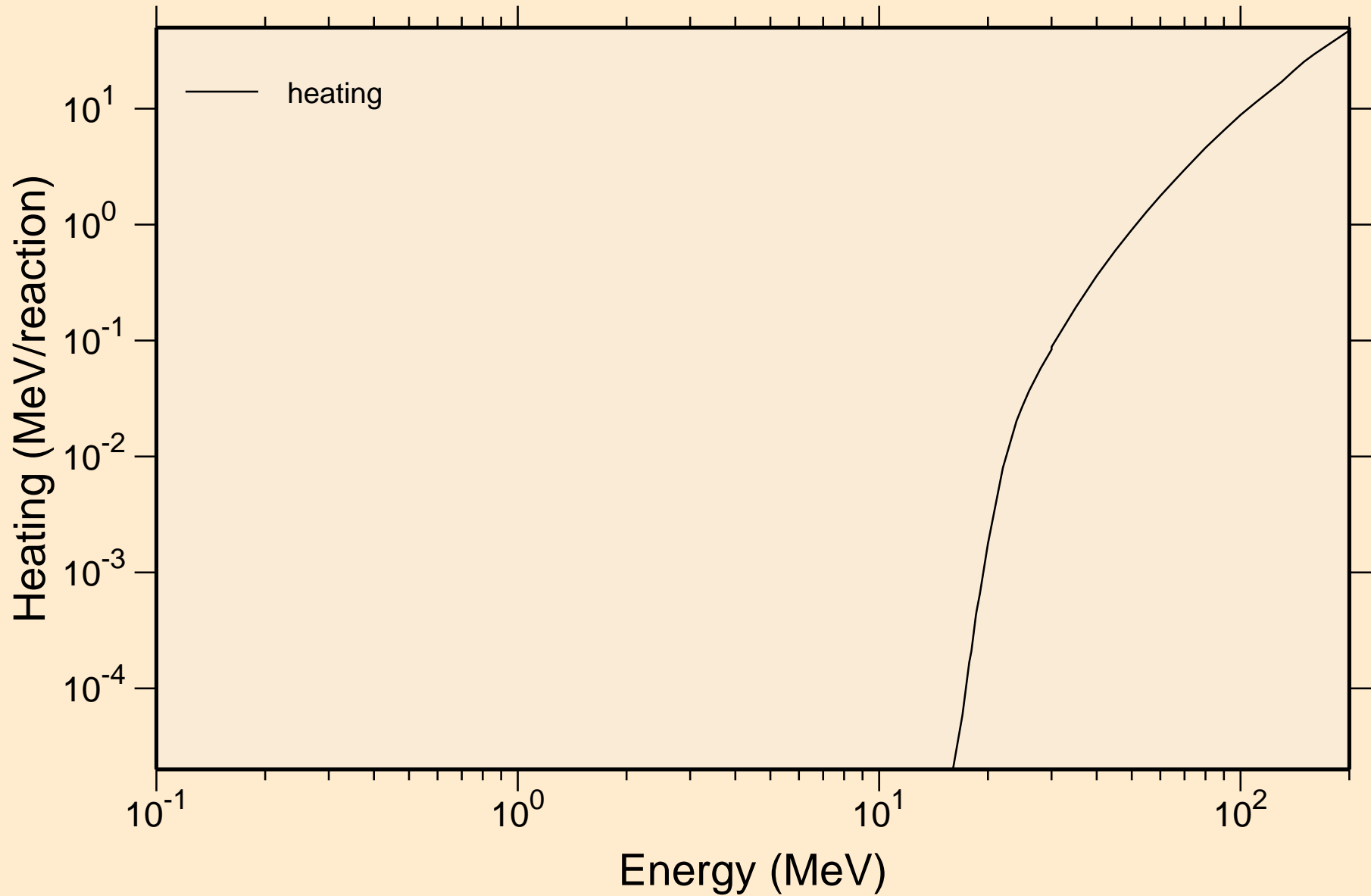


IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



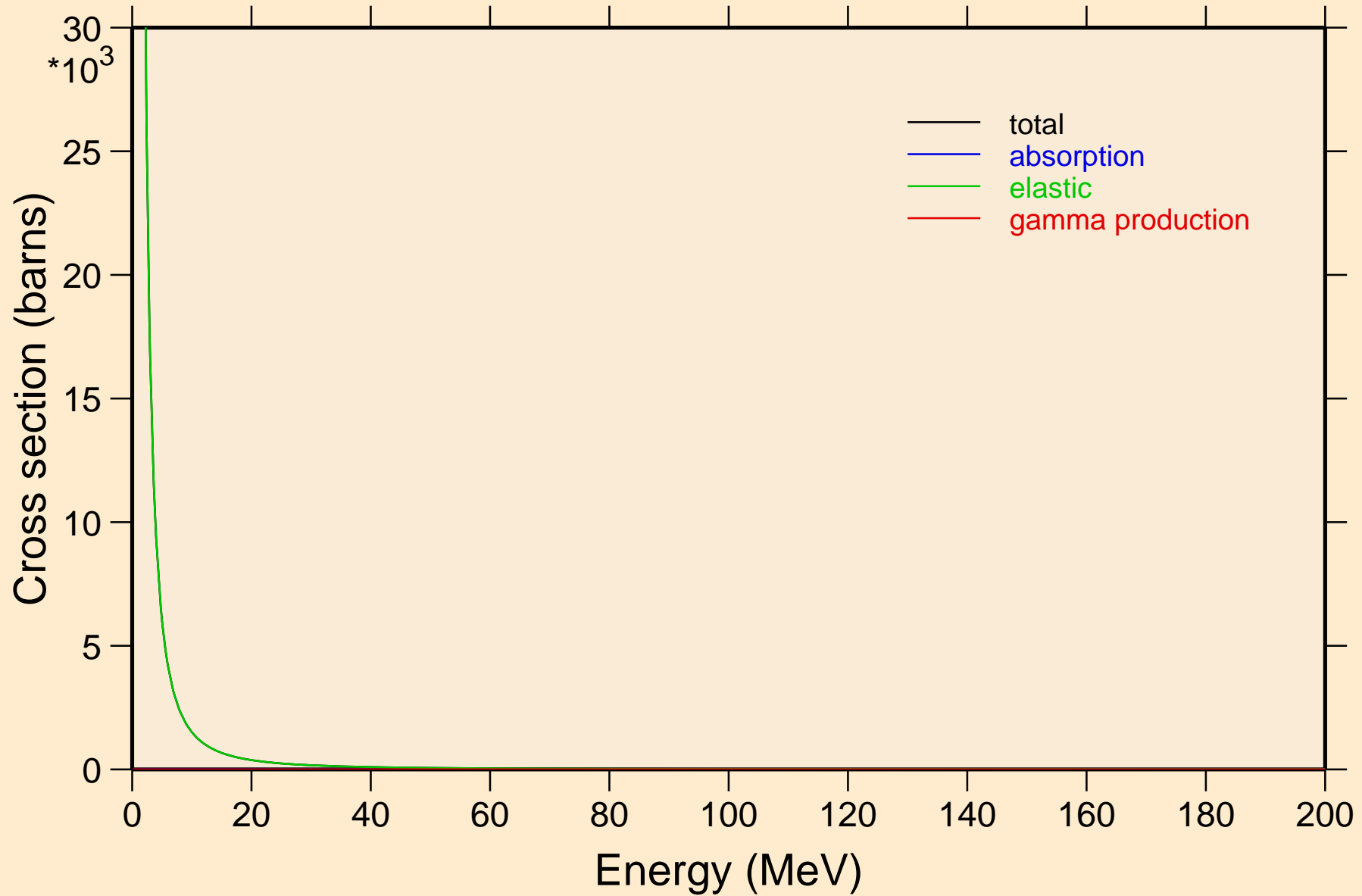
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Heating



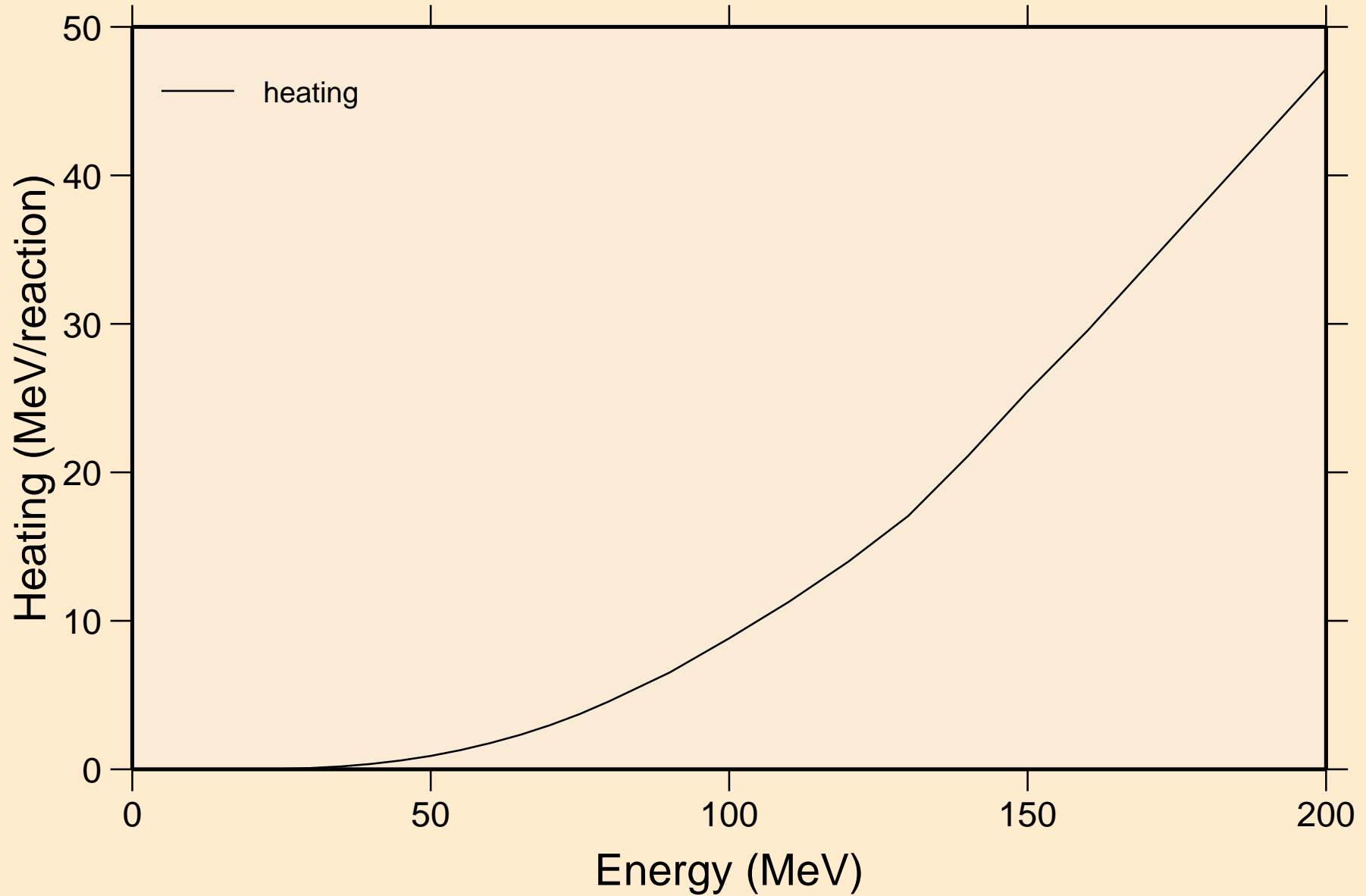
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## Principal cross sections

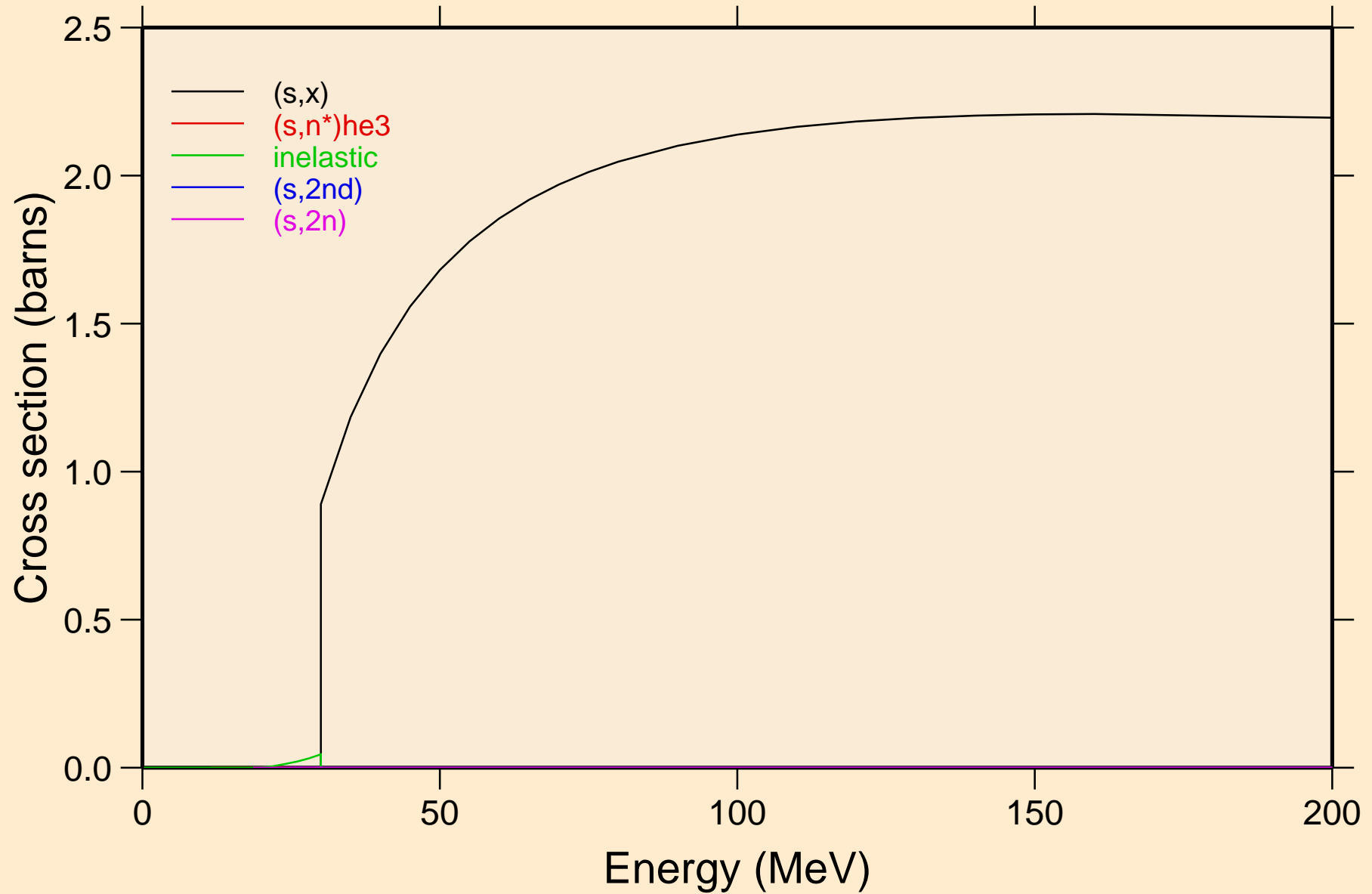


IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K

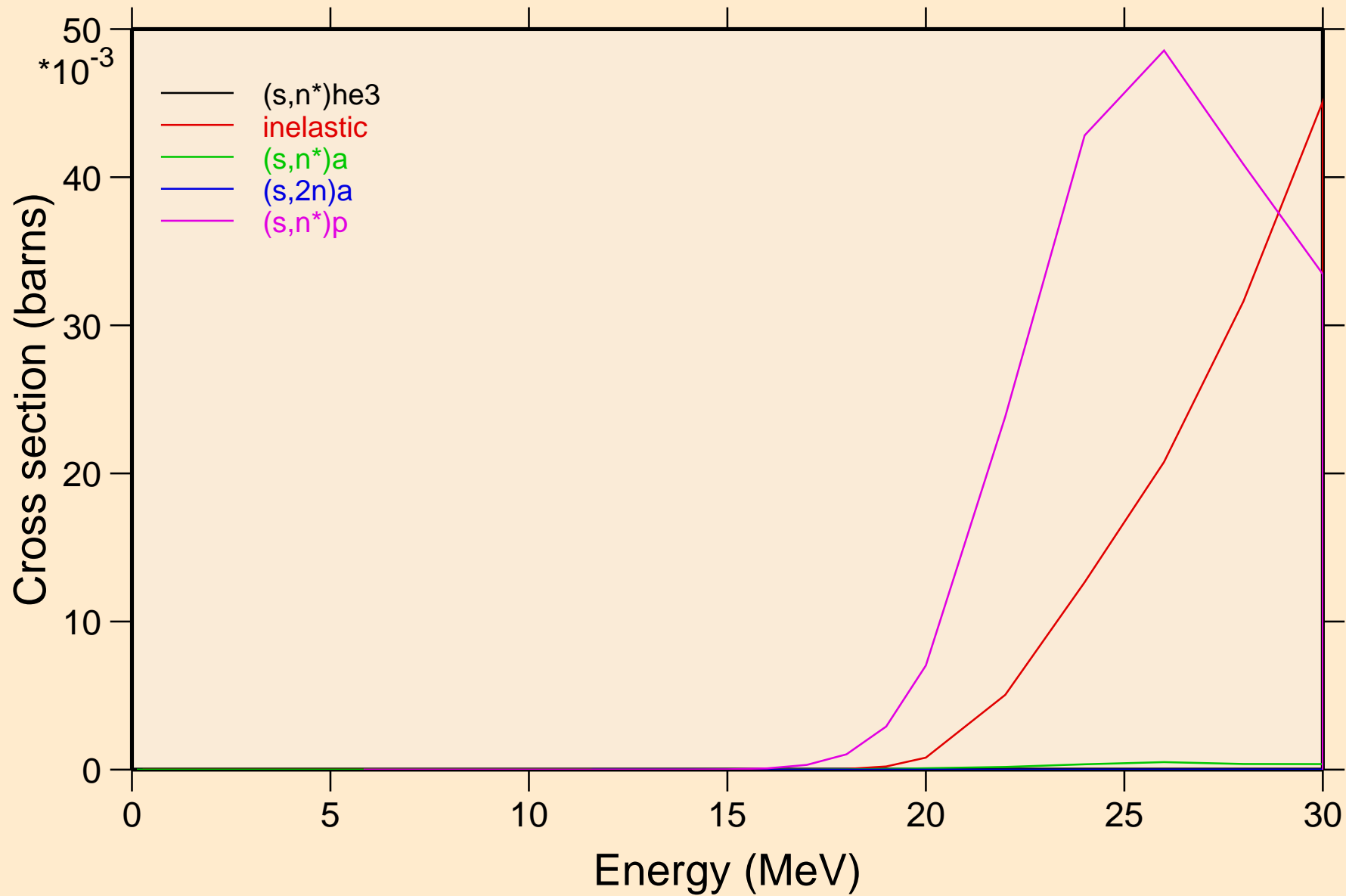
Heating



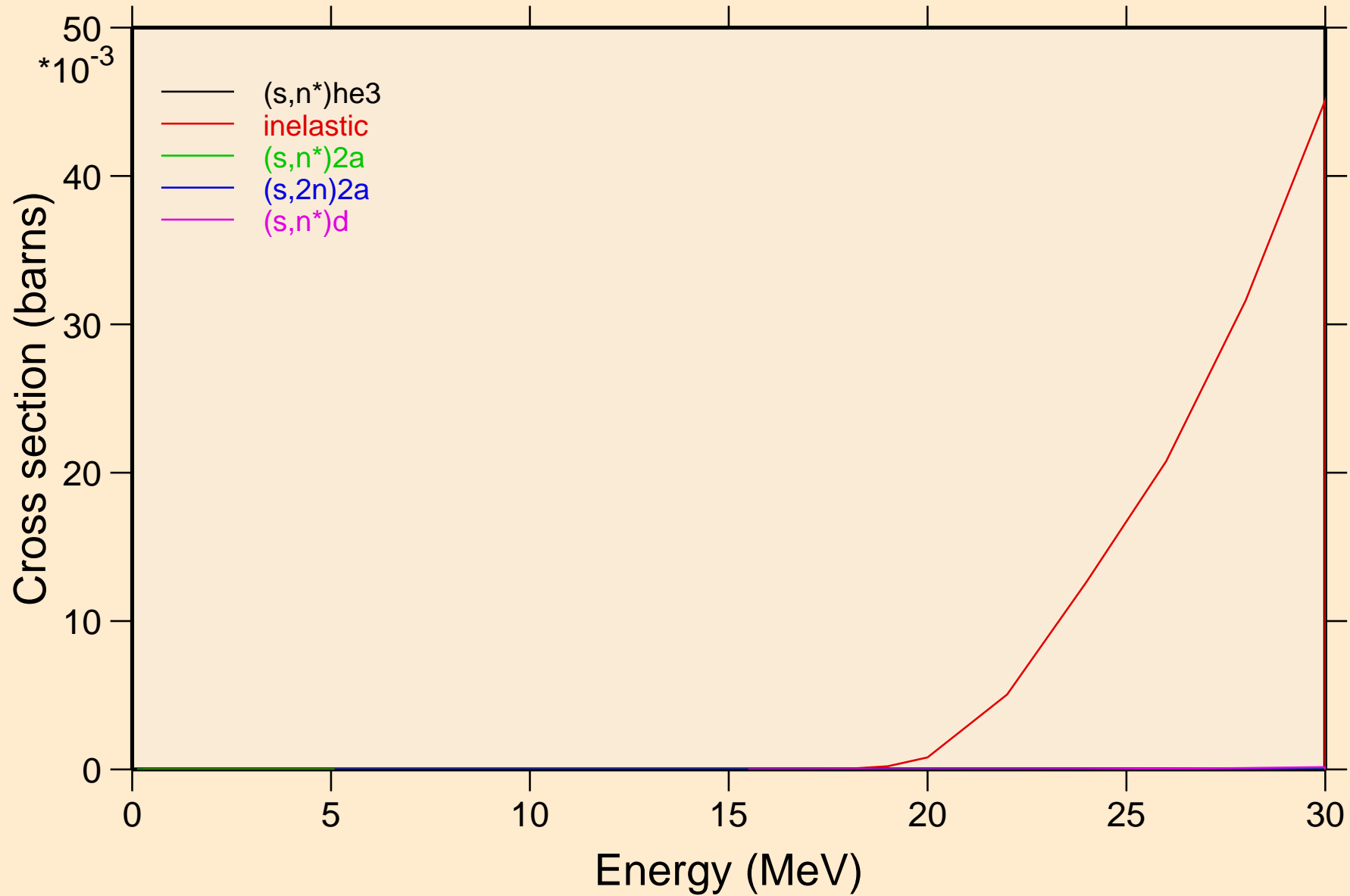
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



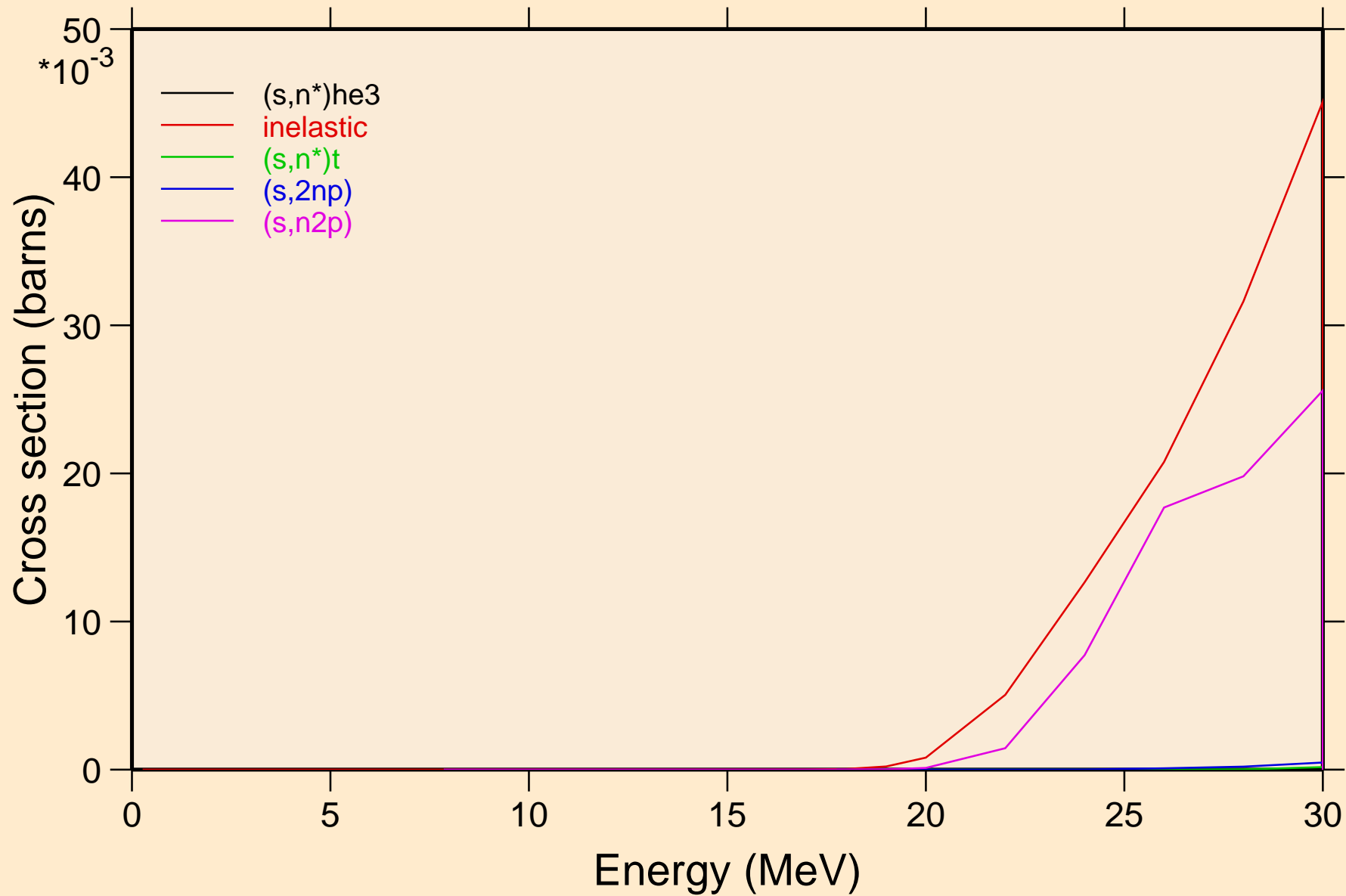
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



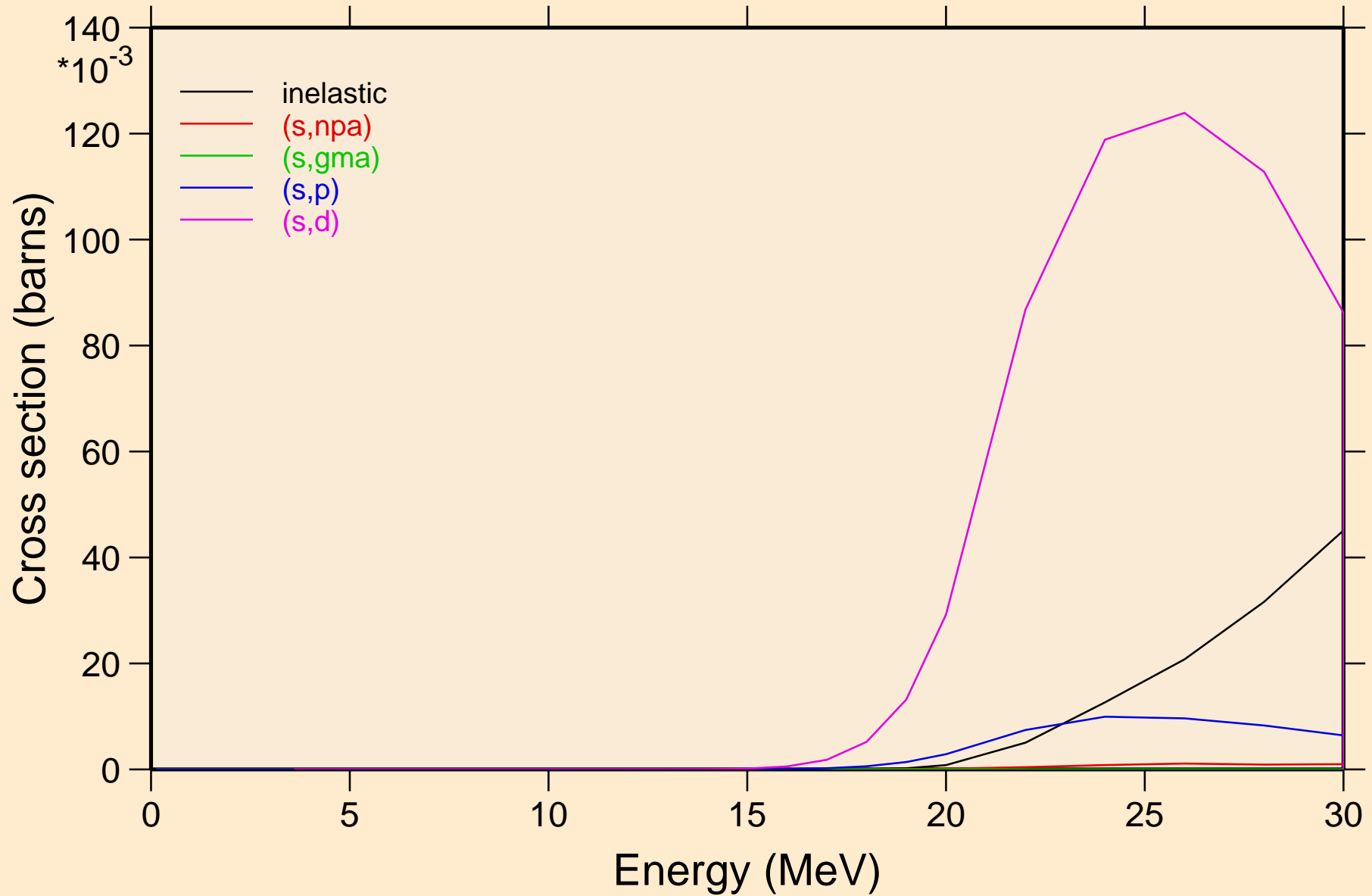
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



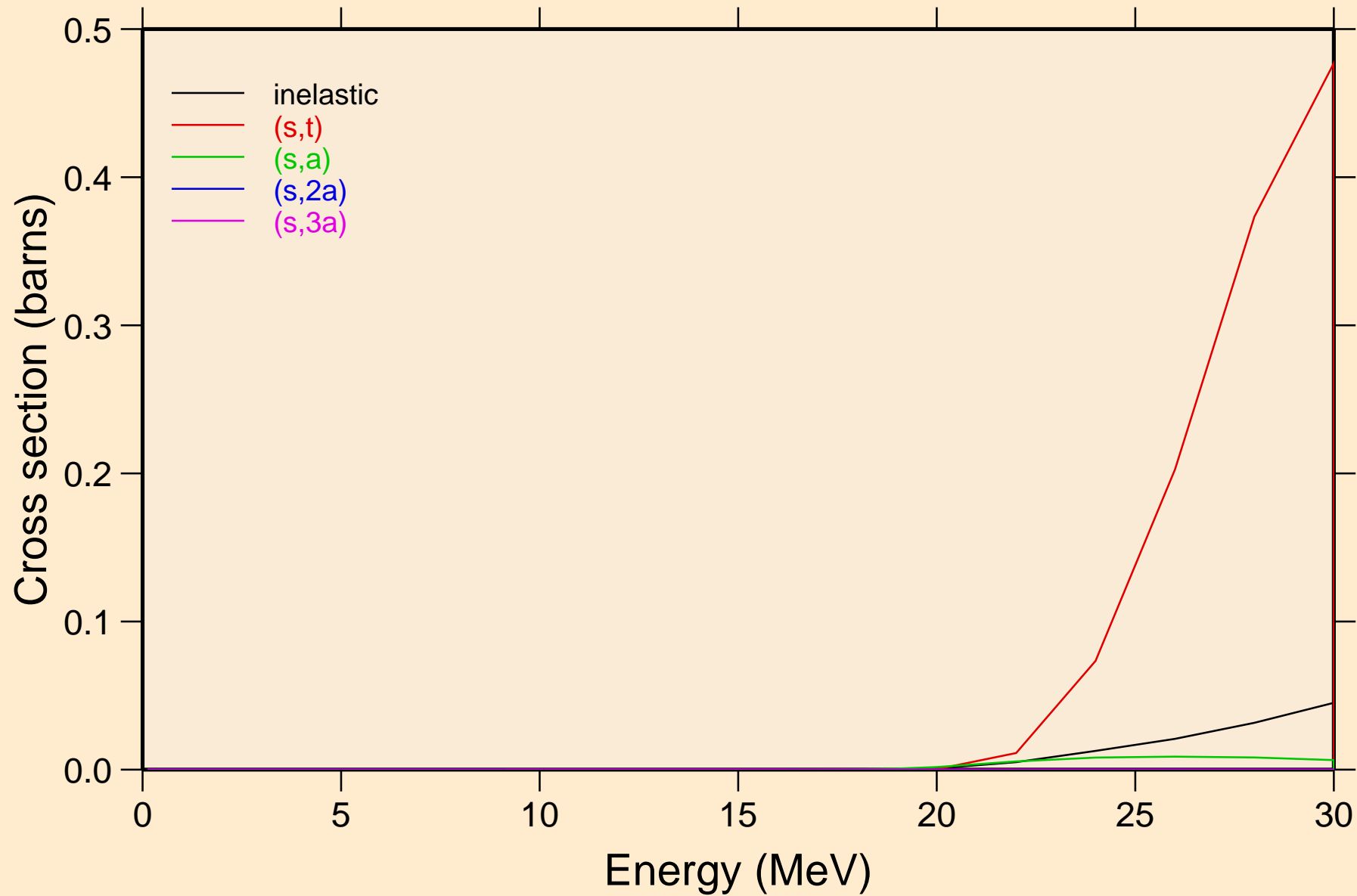


# IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K

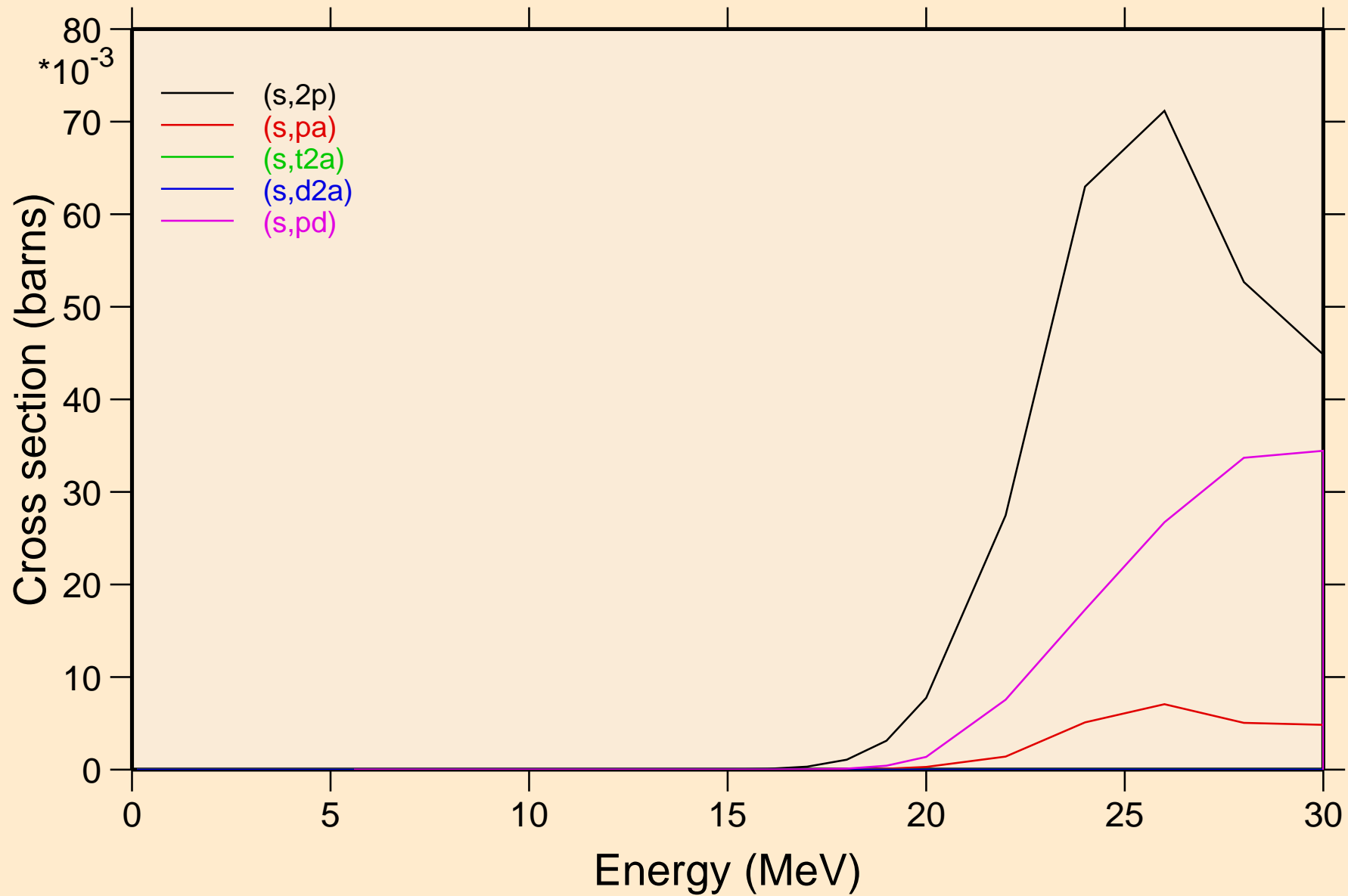
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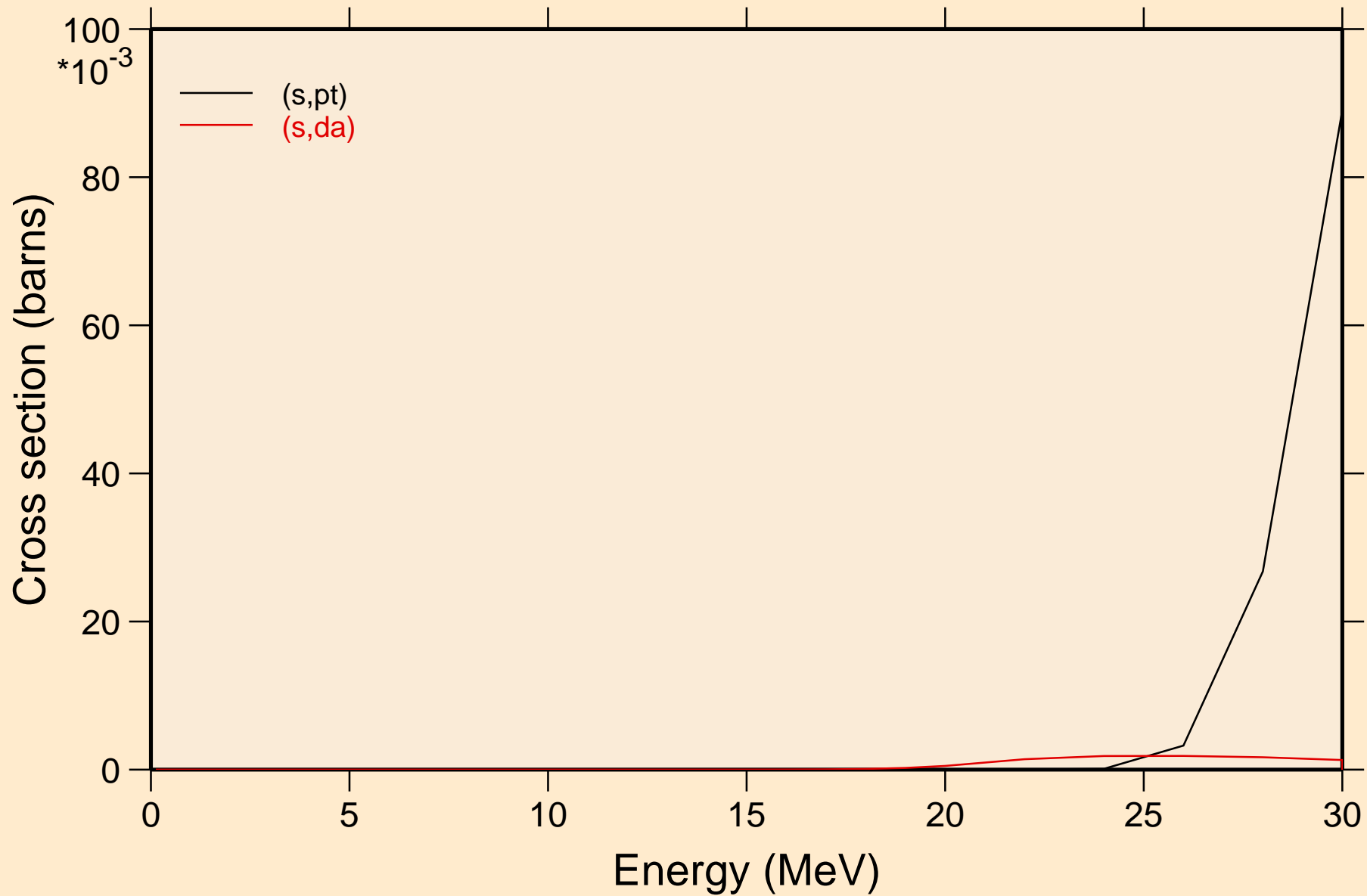
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Threshold reactions



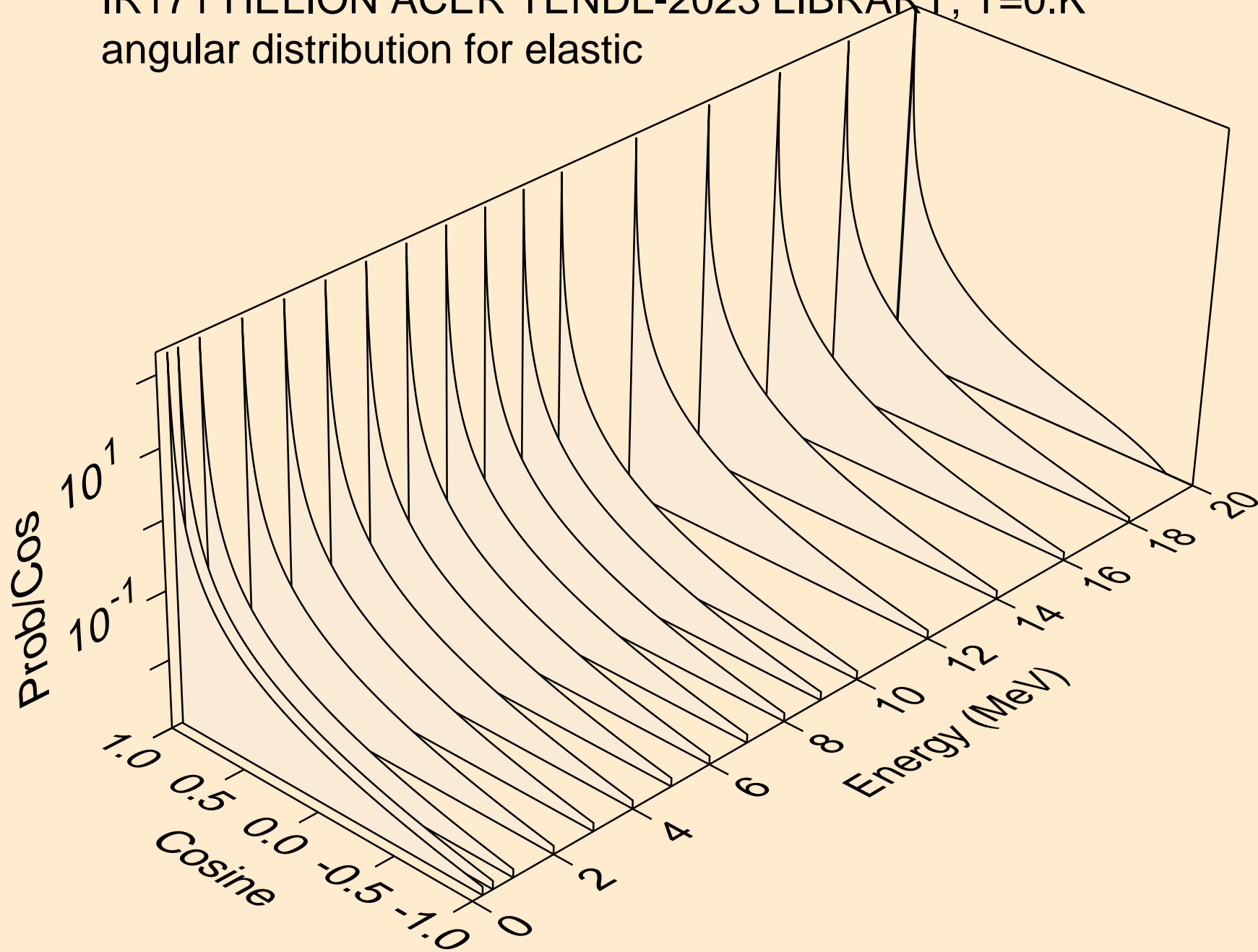
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Threshold reactions



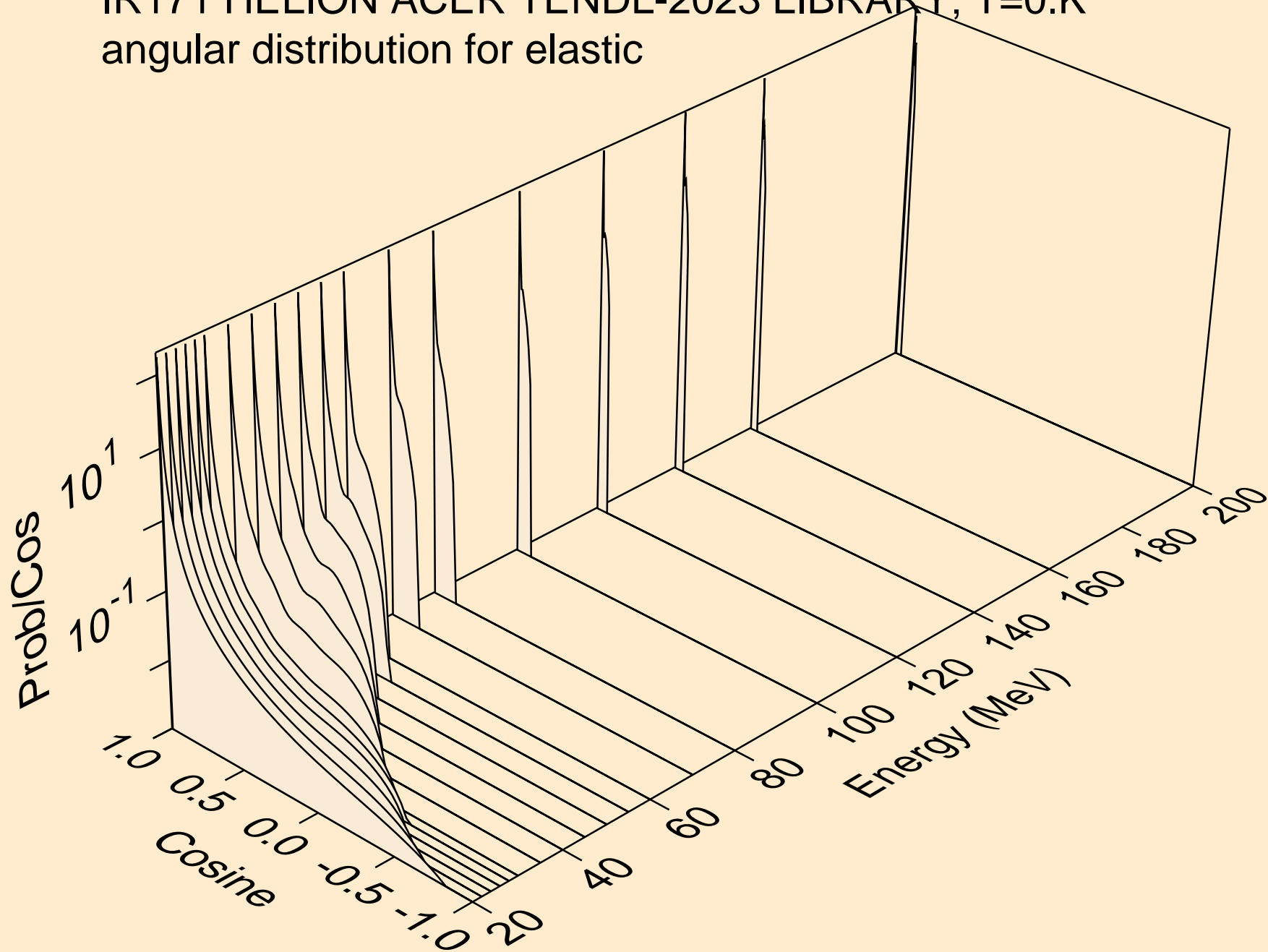
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Threshold reactions



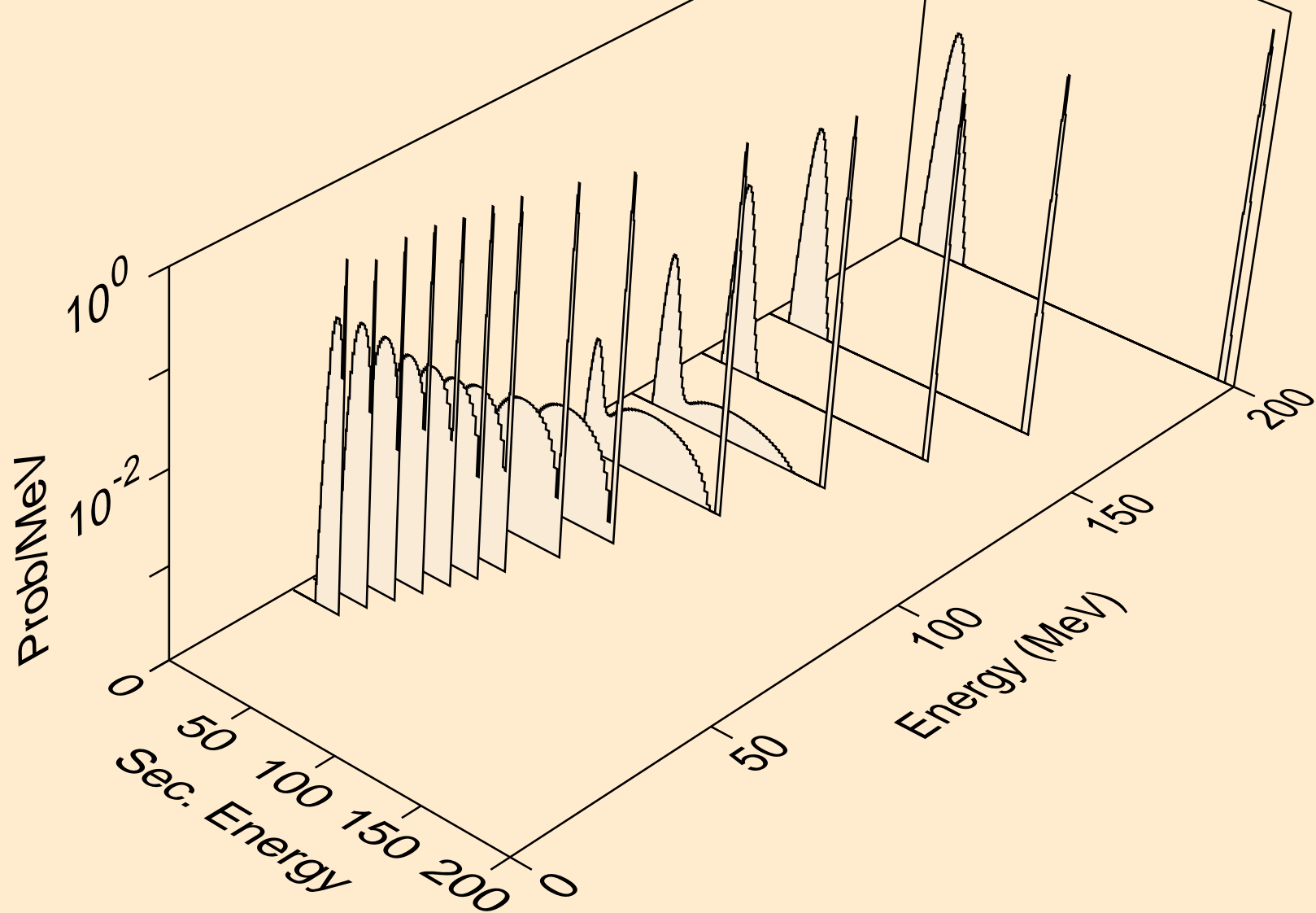
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



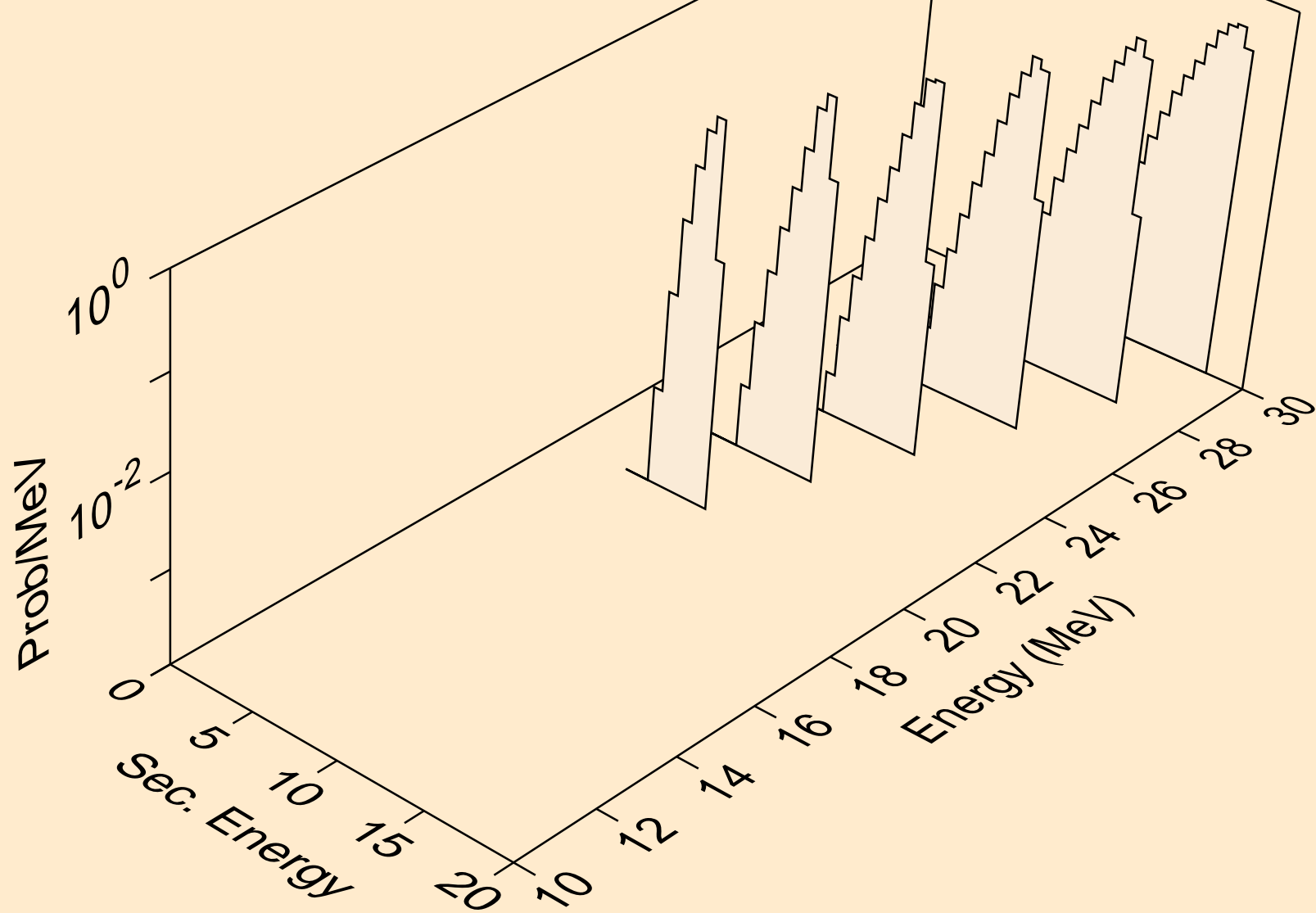
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

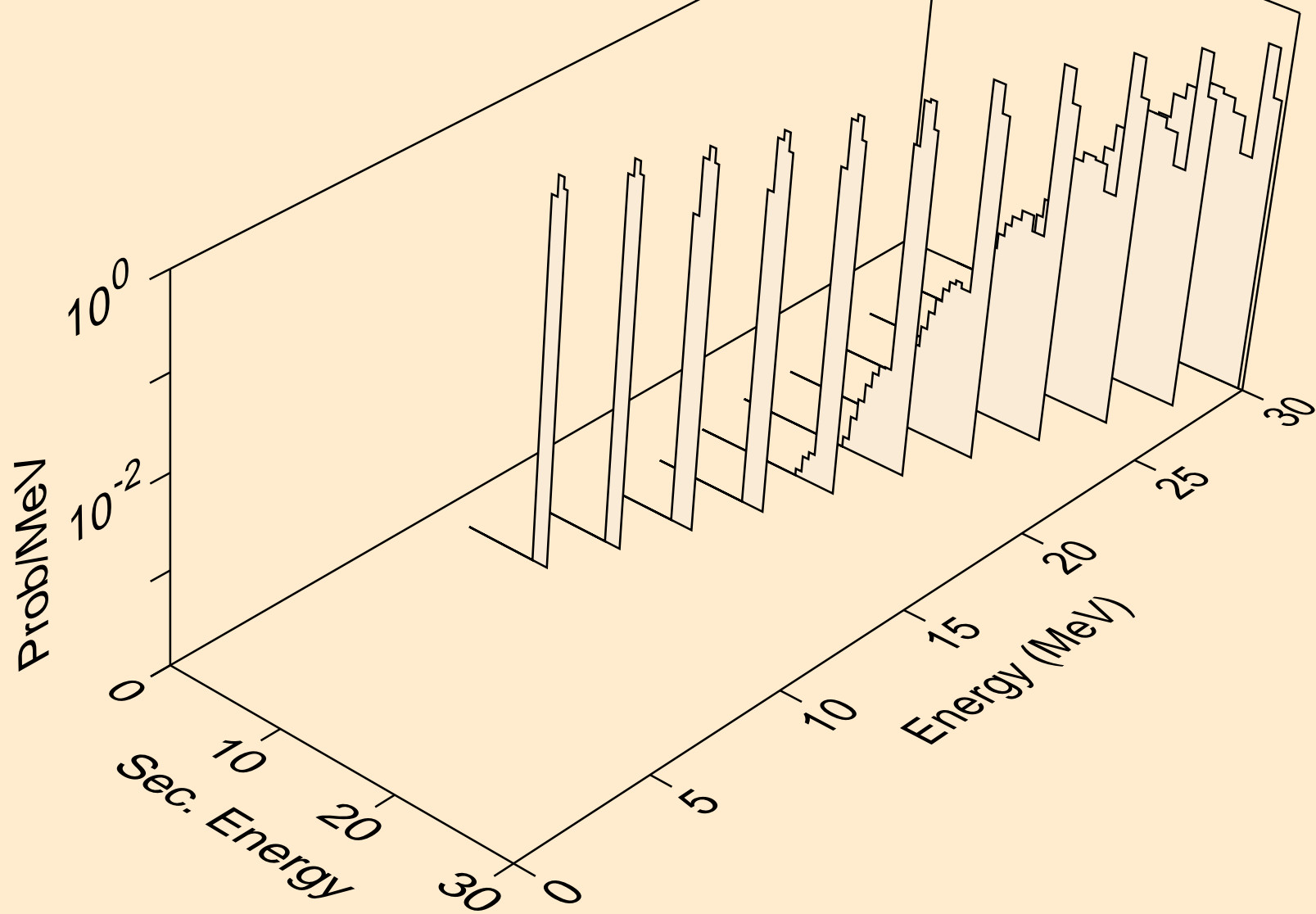


IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

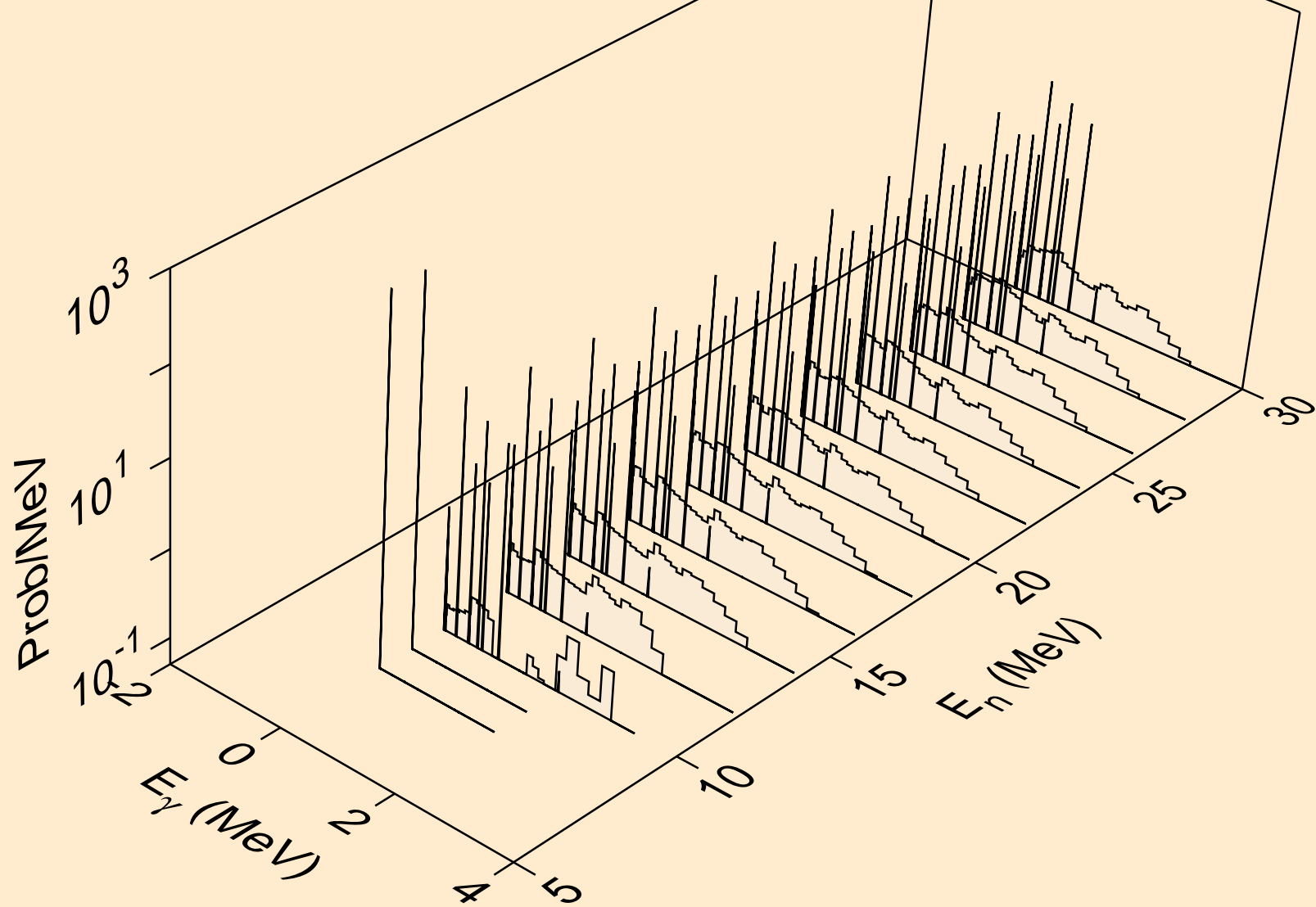




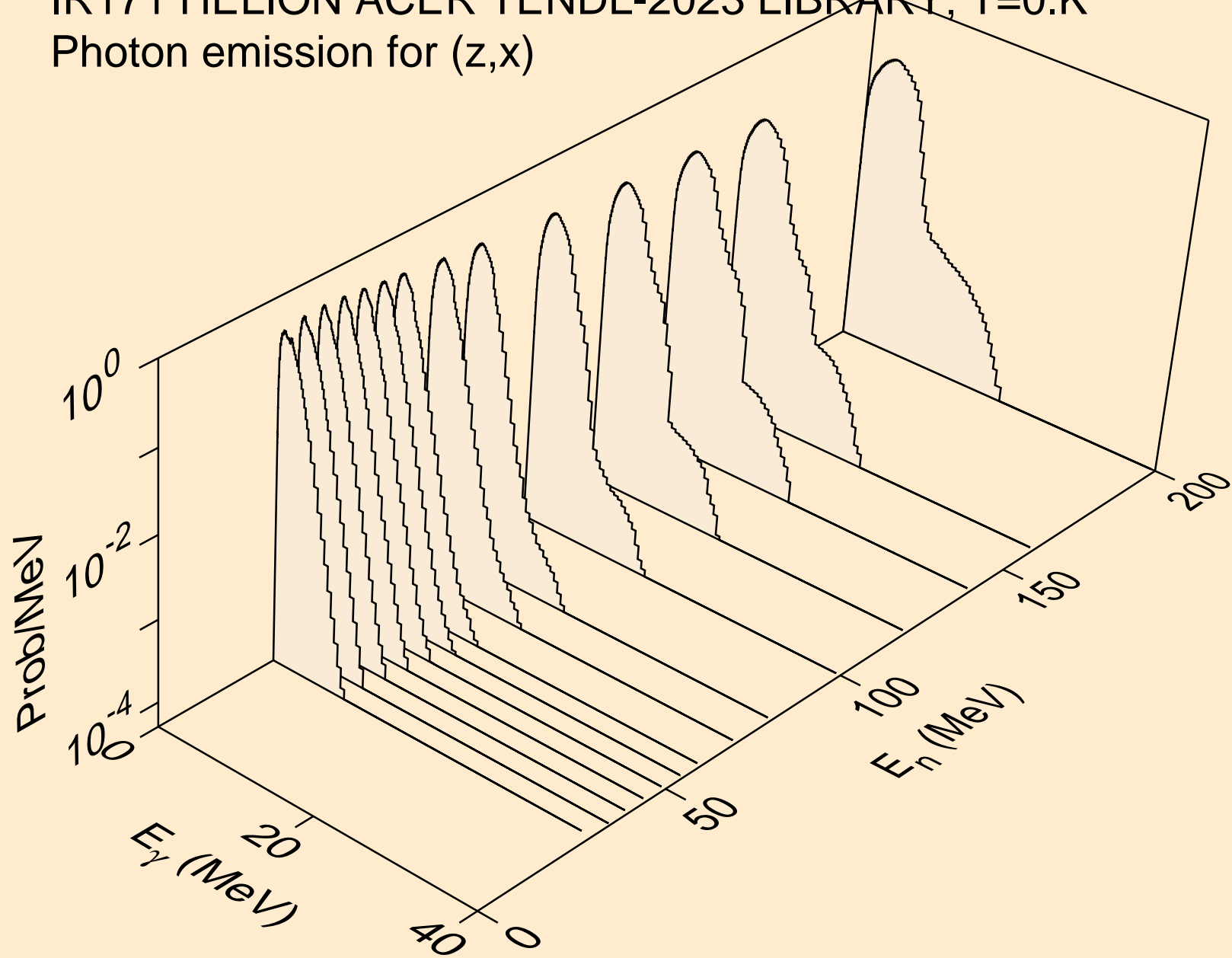
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



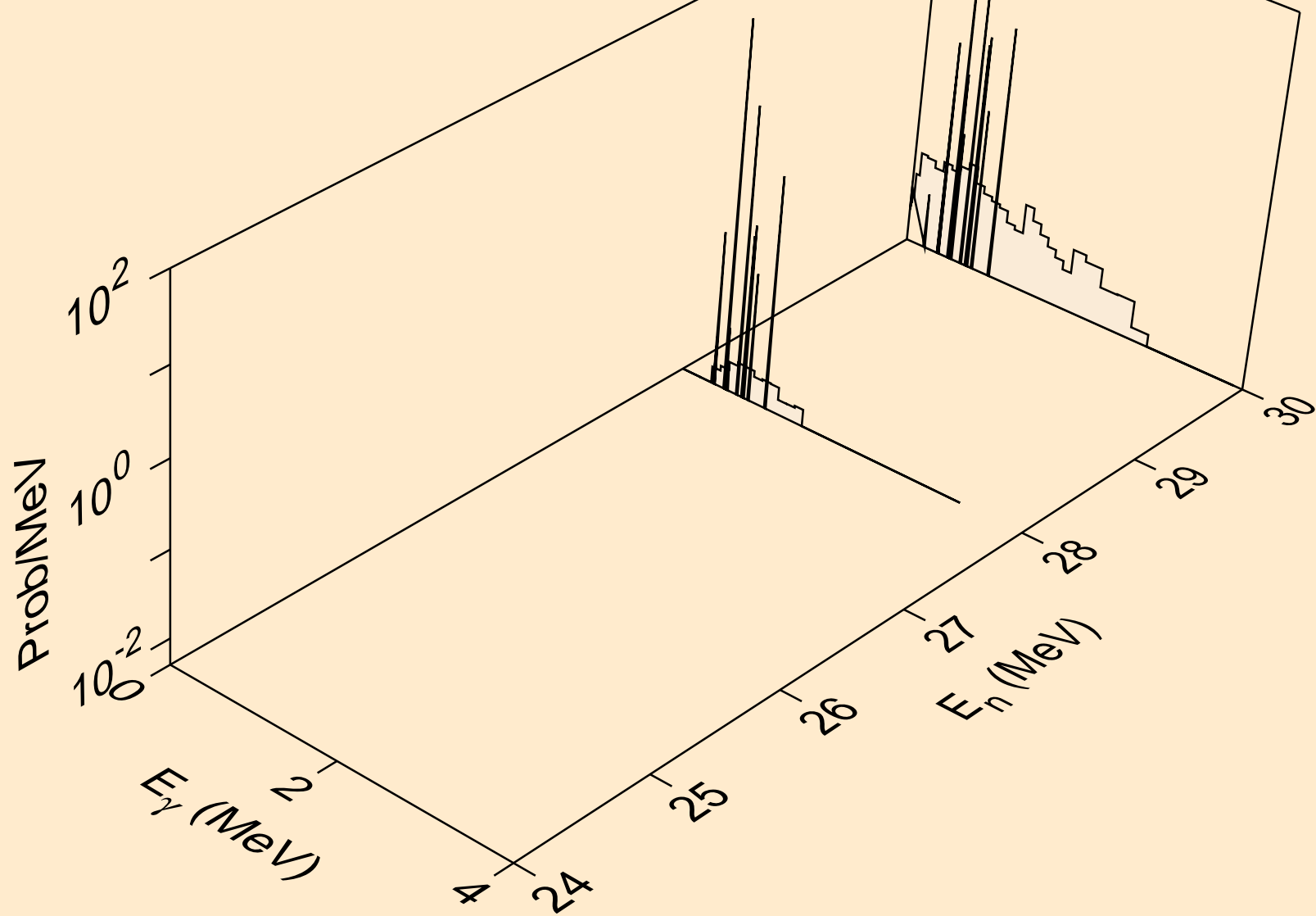
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



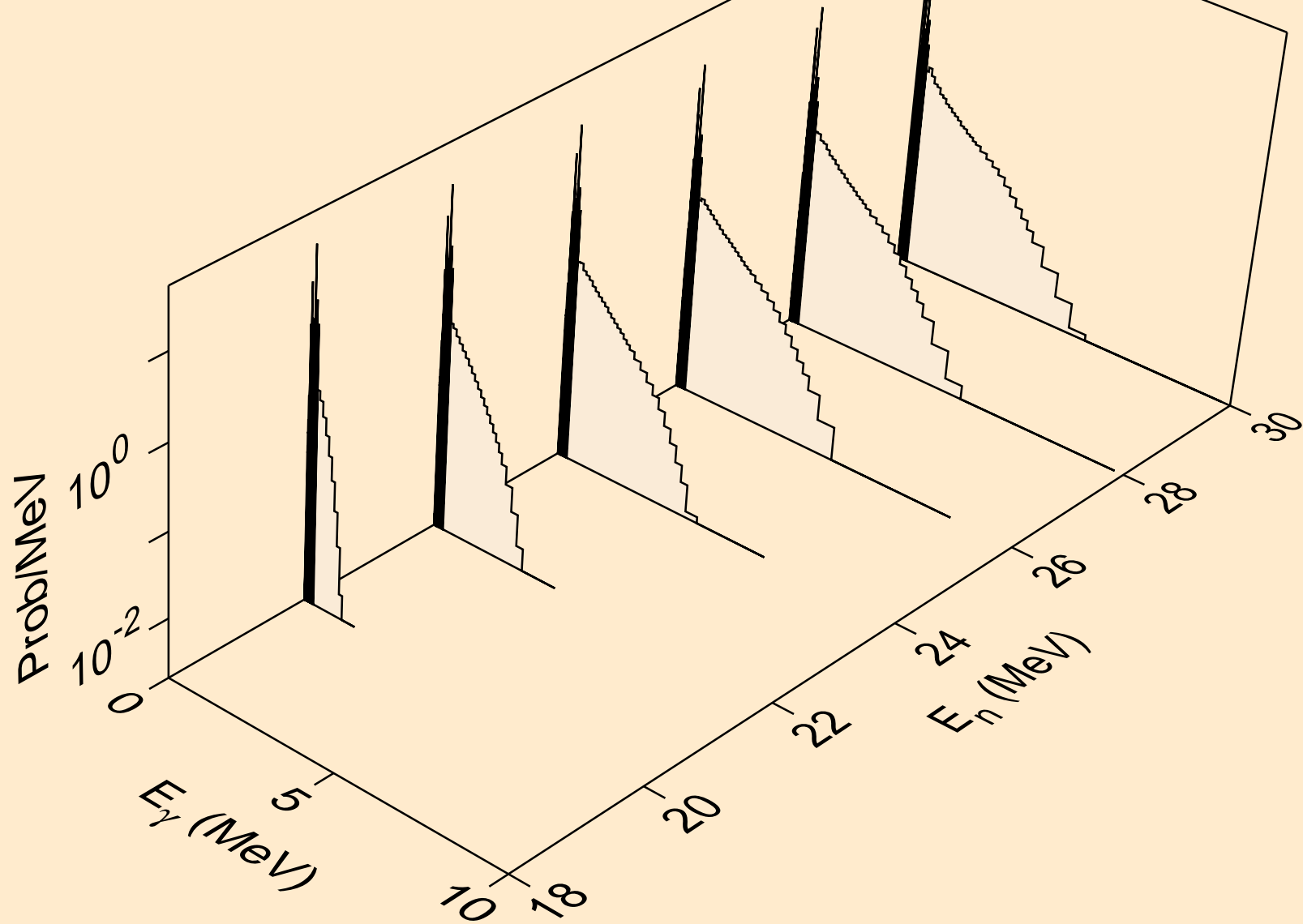
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



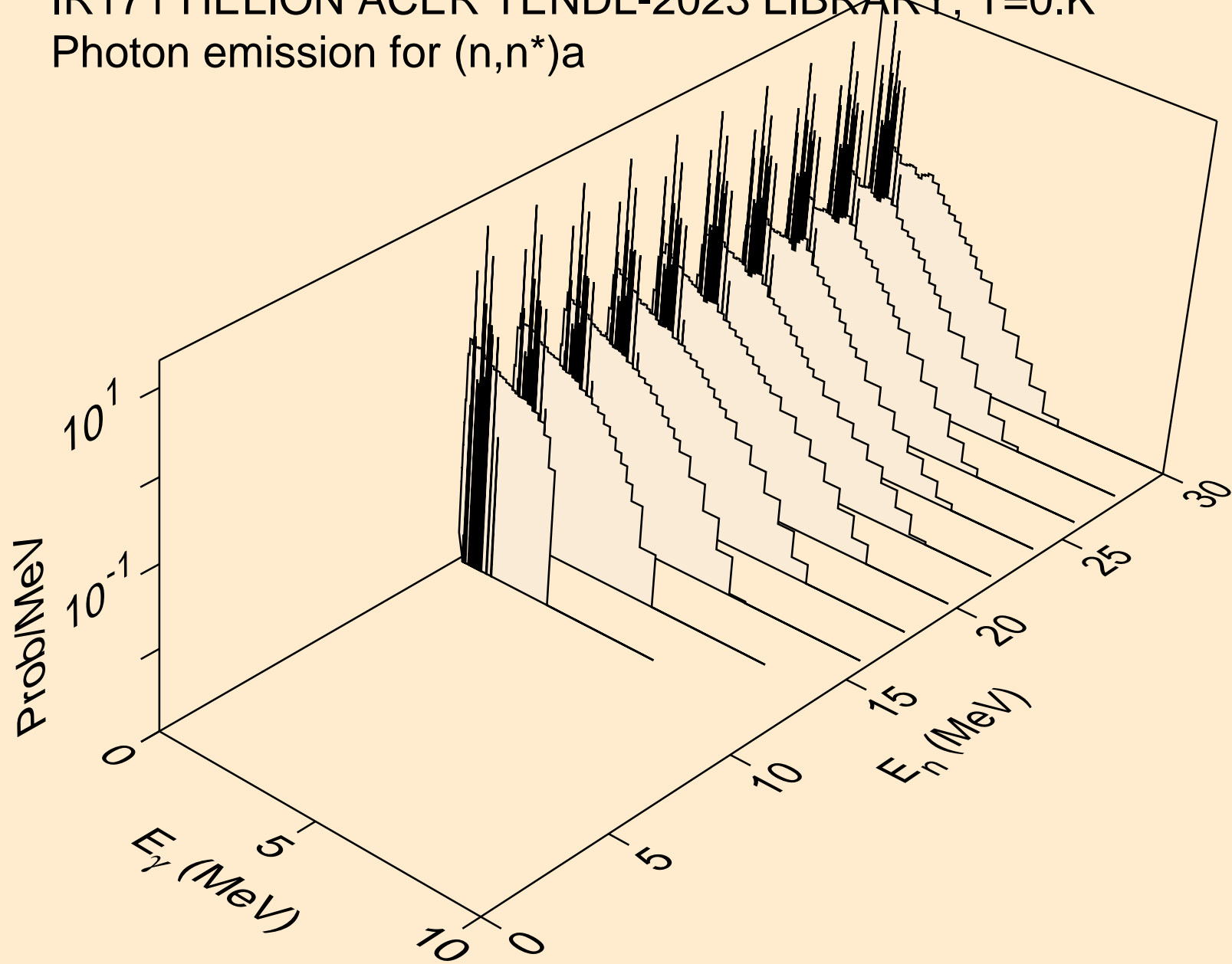
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



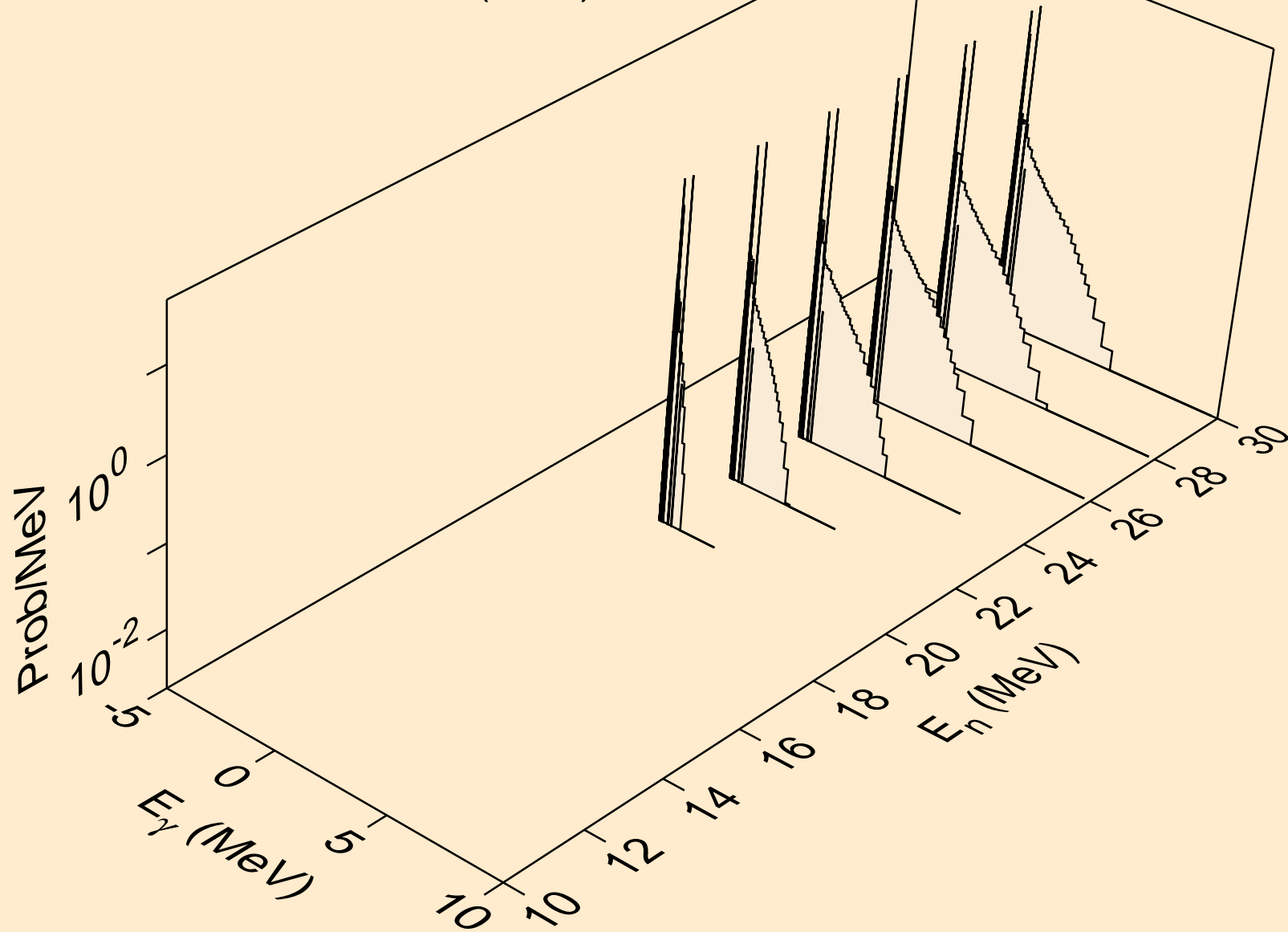
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



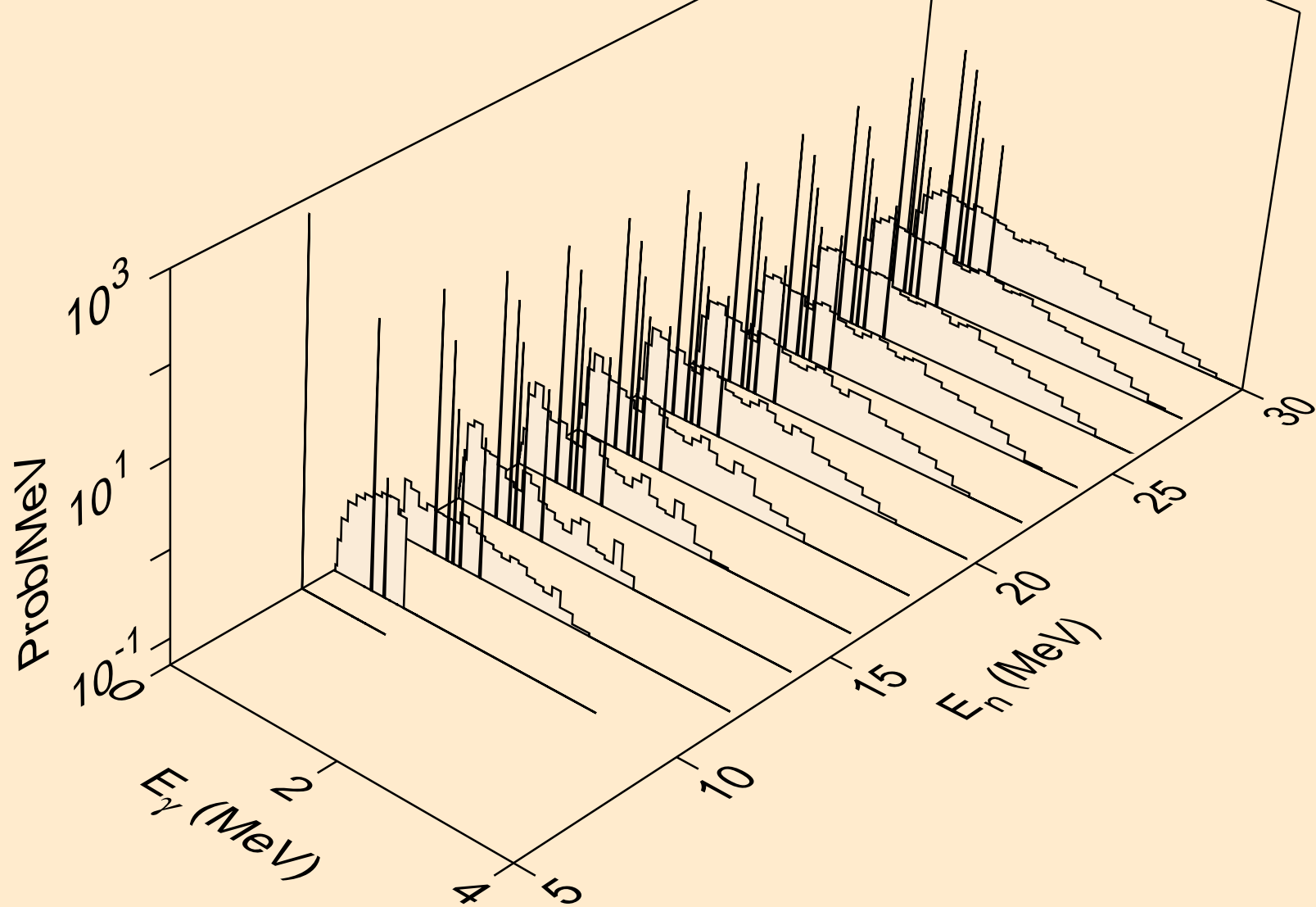
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

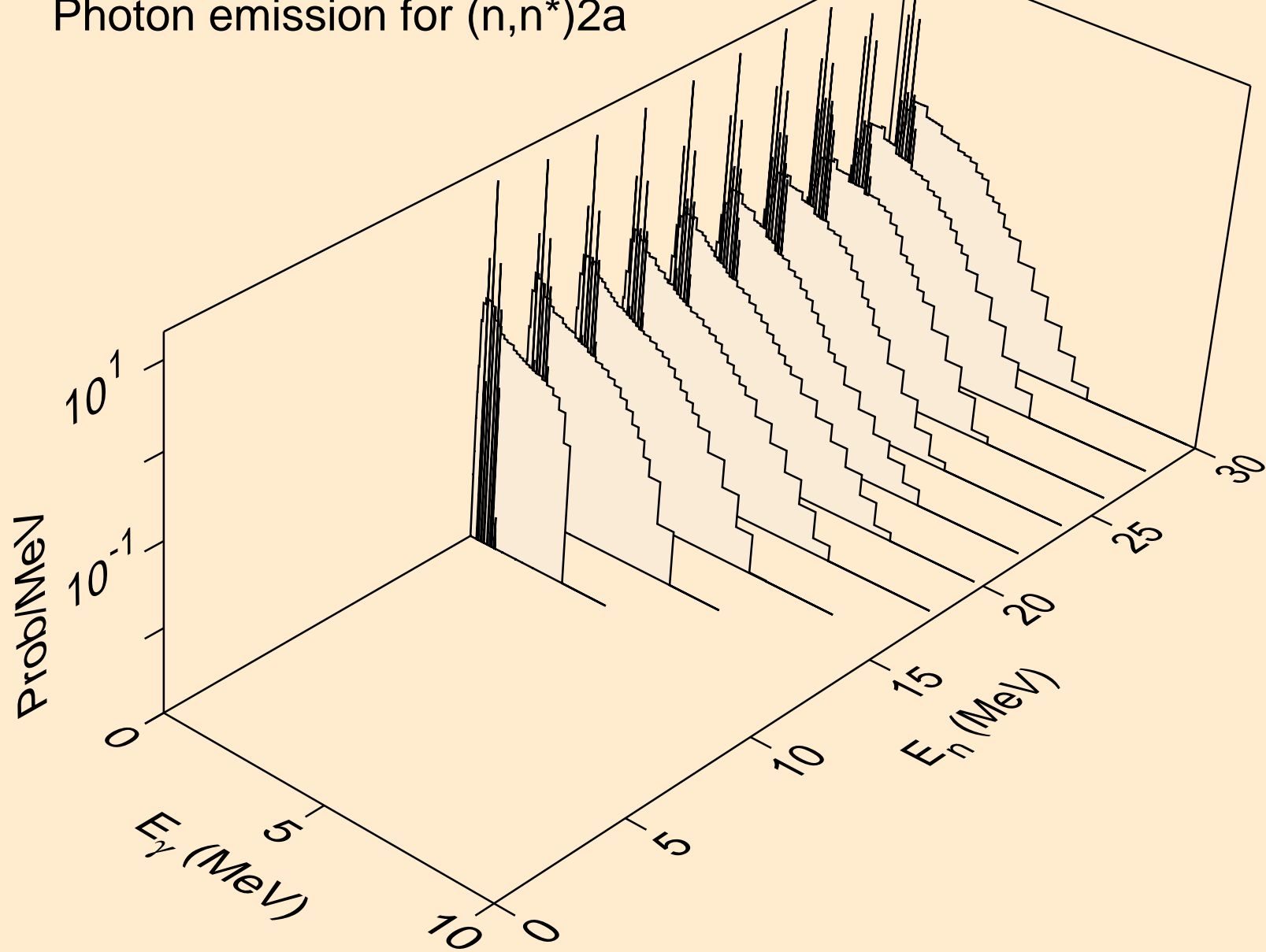


IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

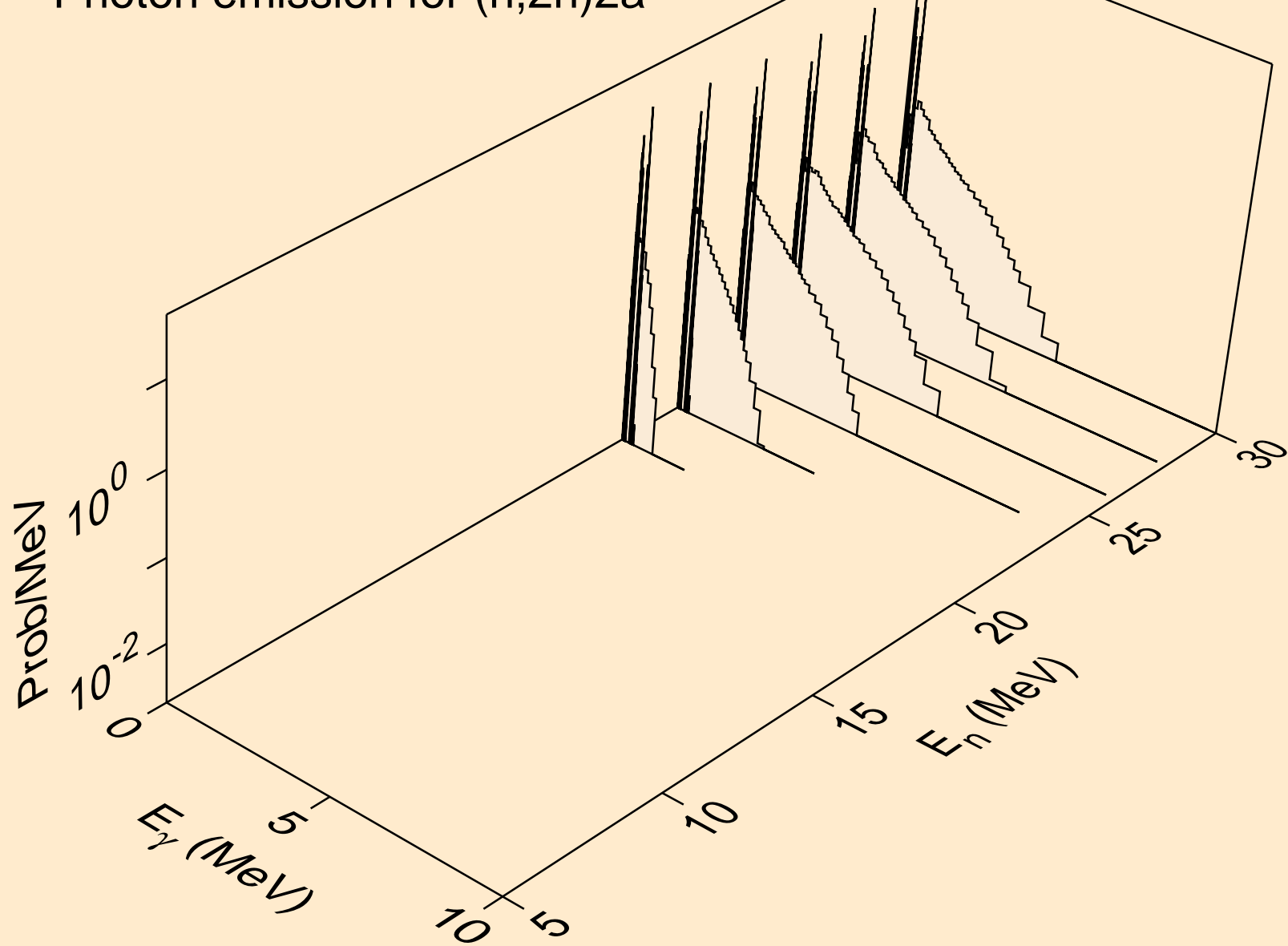




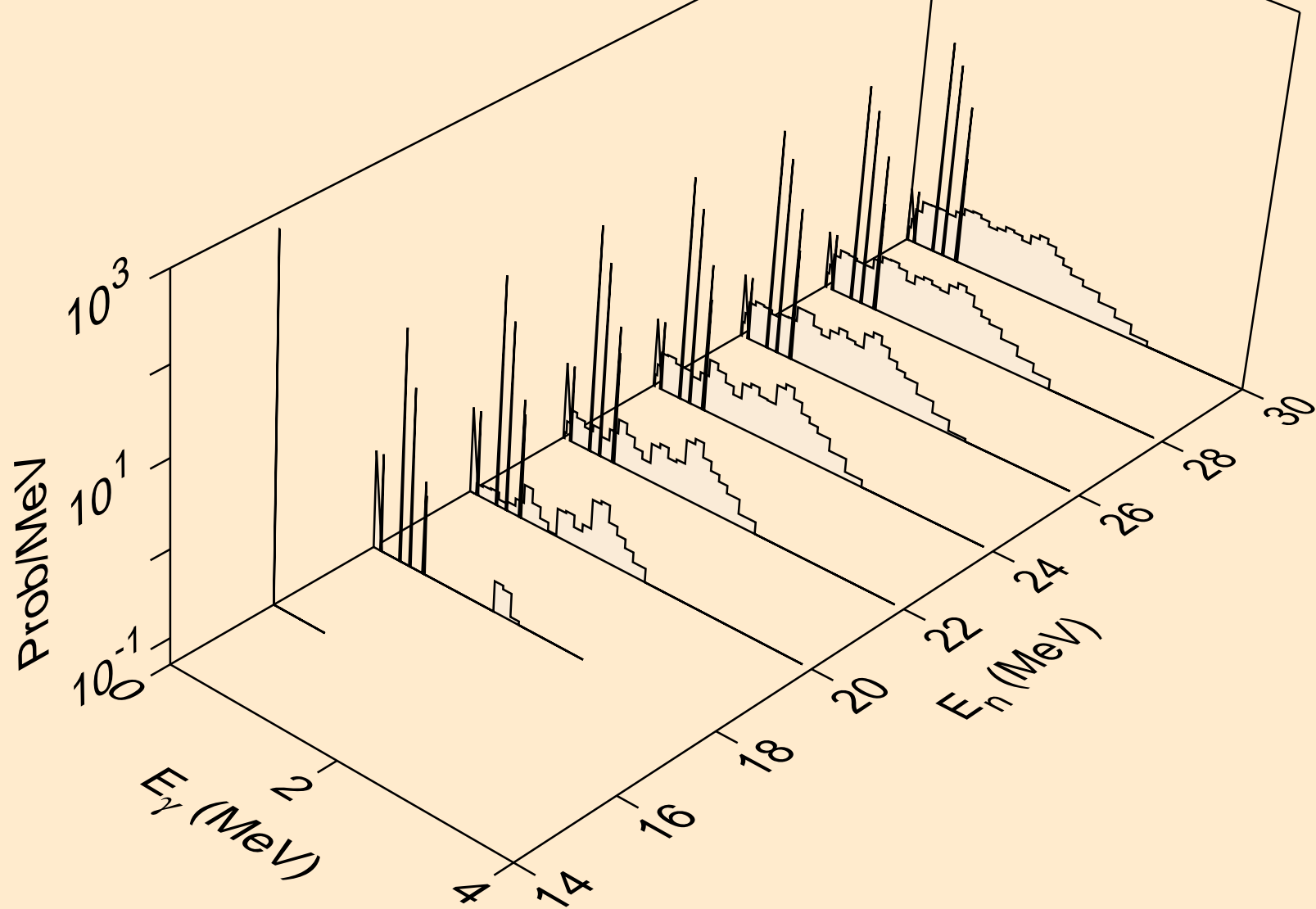
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Photon emission for (n,n\*)2a



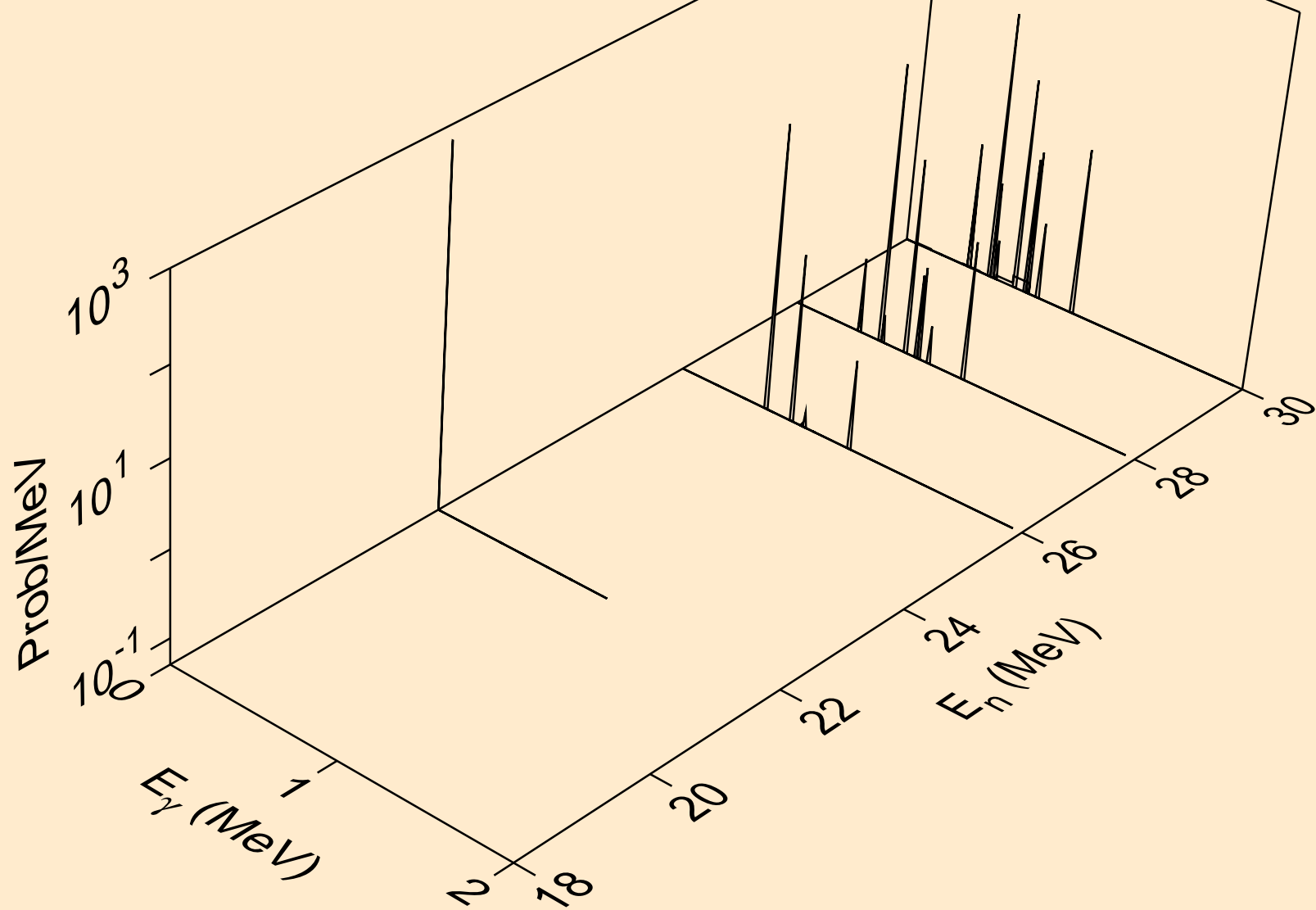
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Photon emission for (n,2n)2a



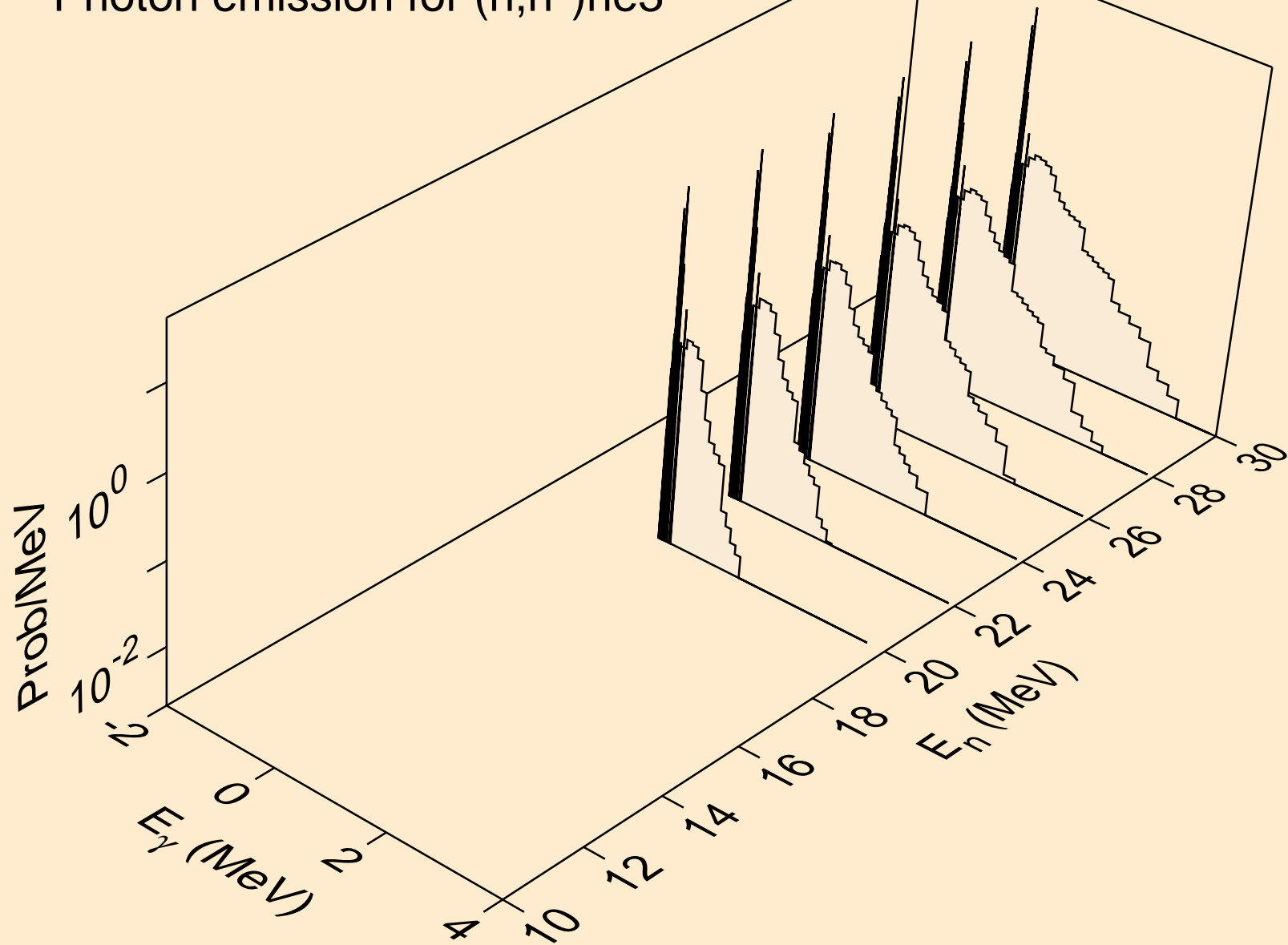
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Photon emission for (n,n\*)d



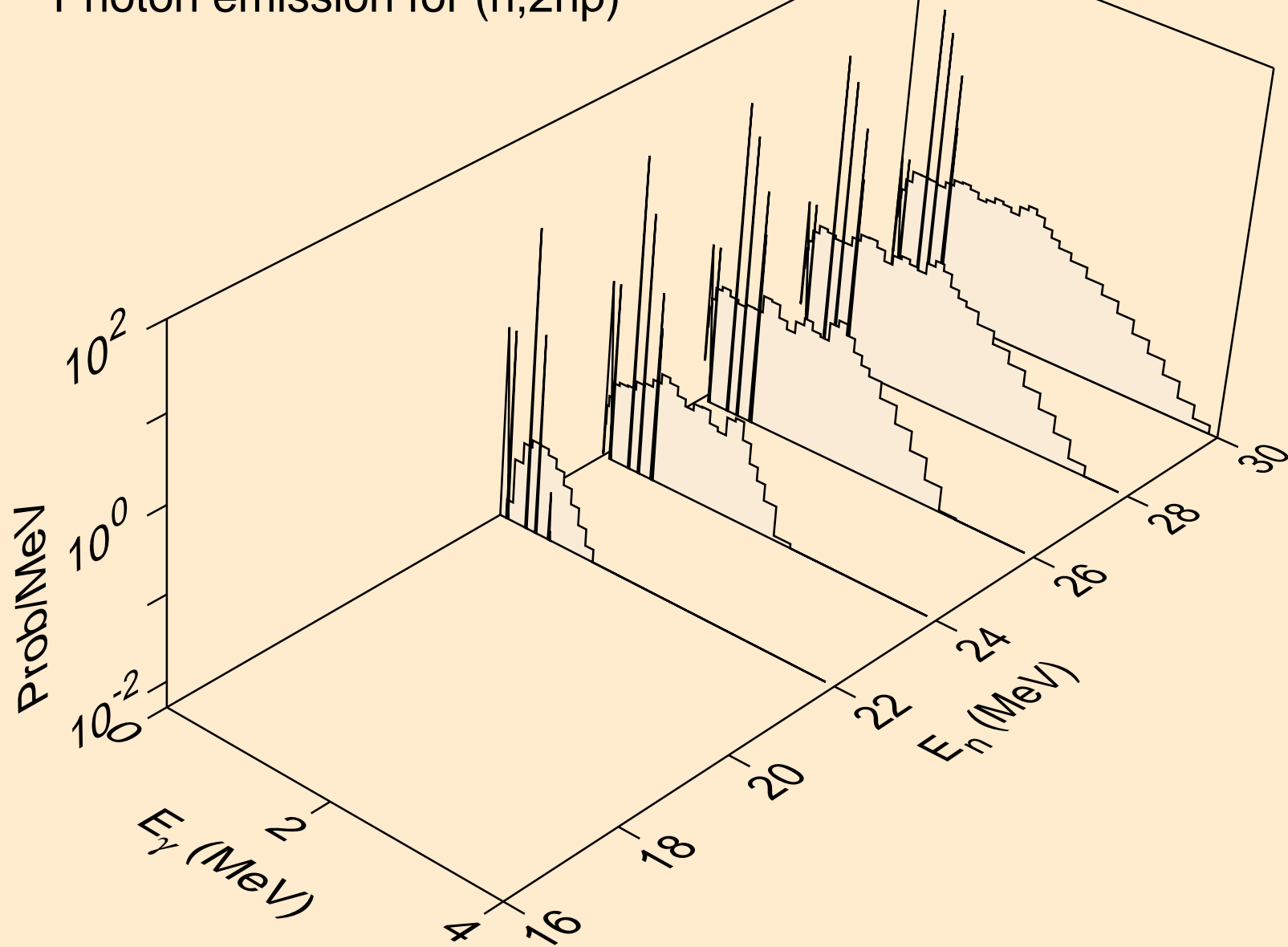
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



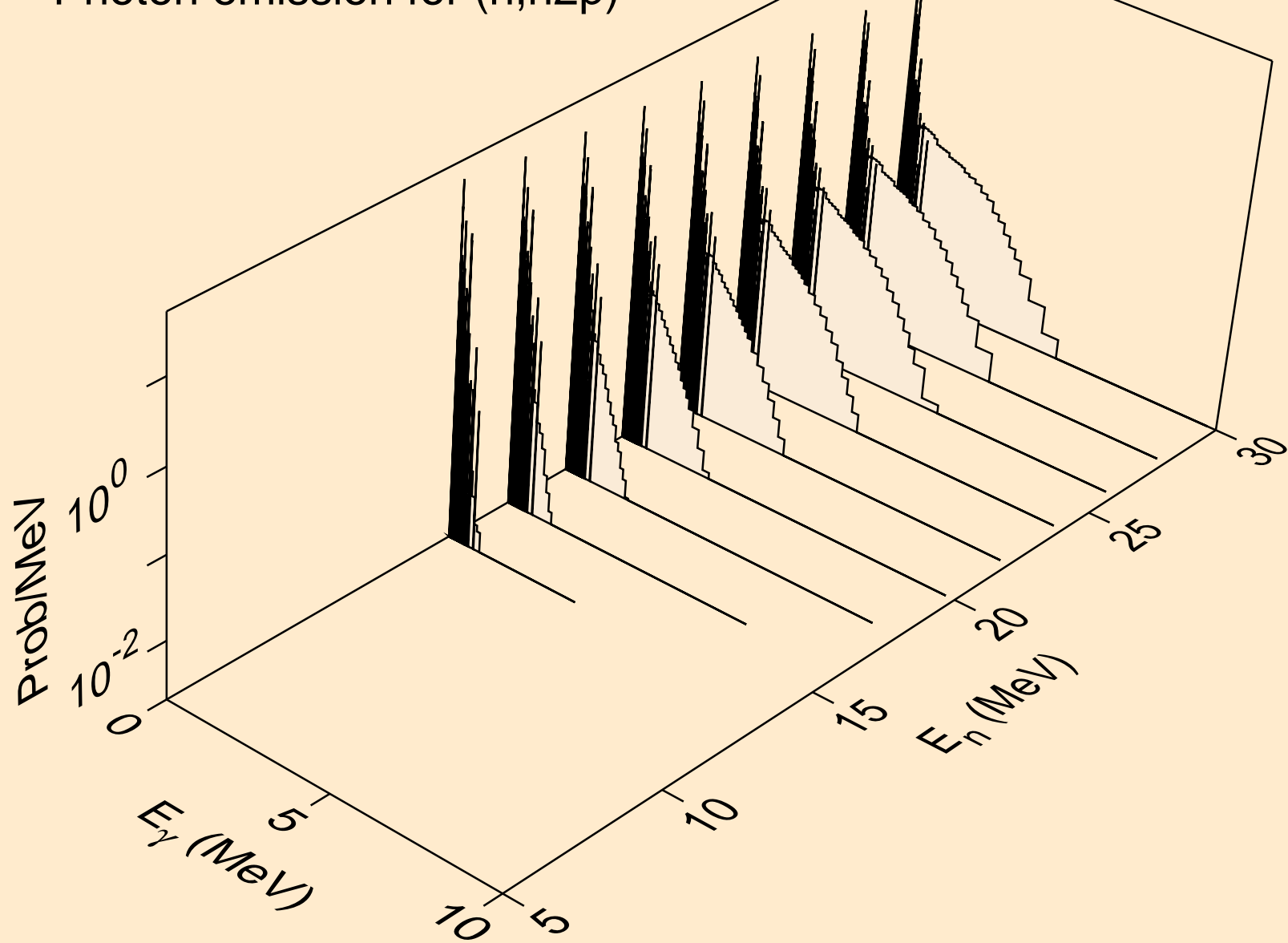
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Photon emission for (n,n\*)he3



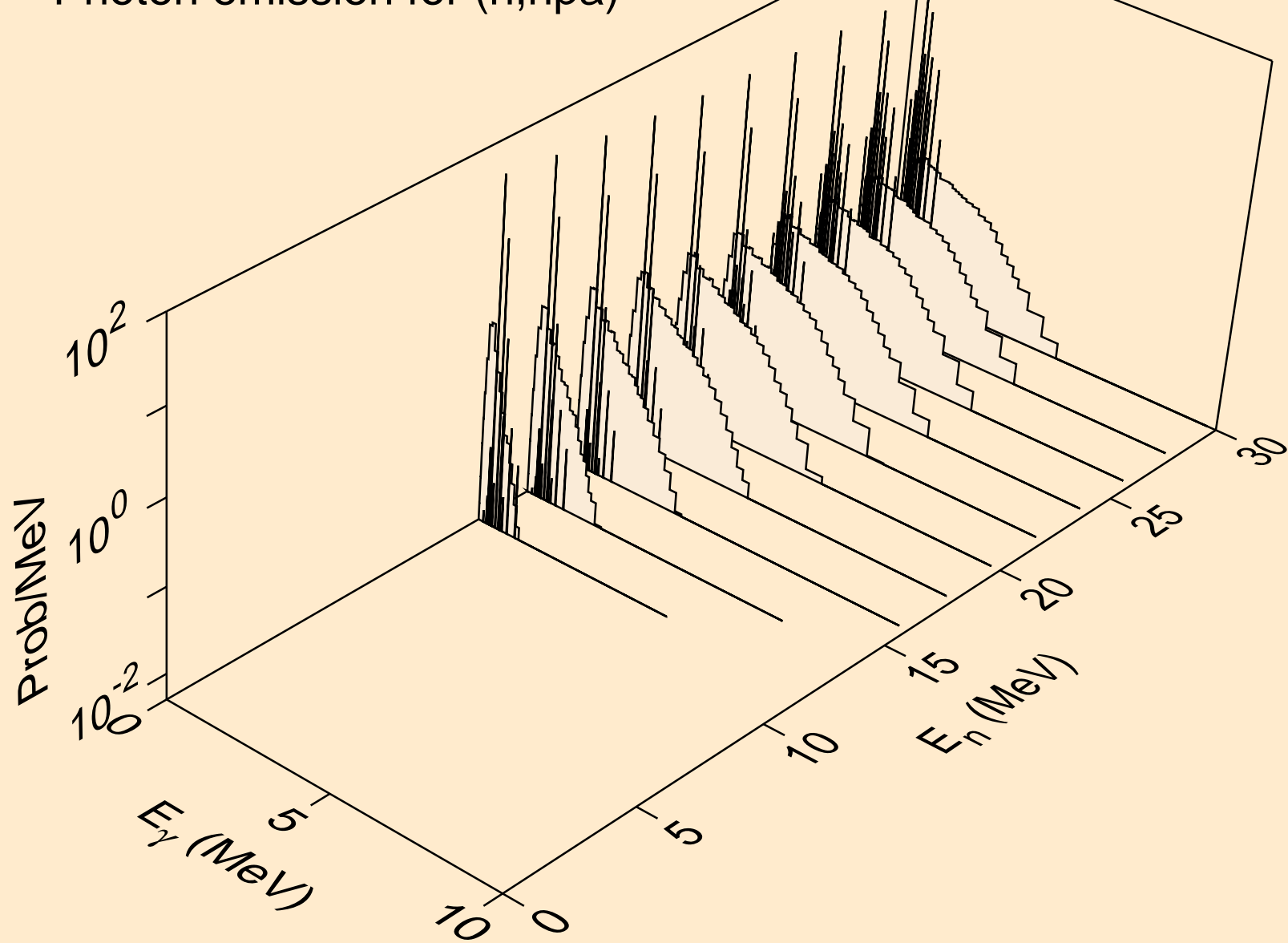
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

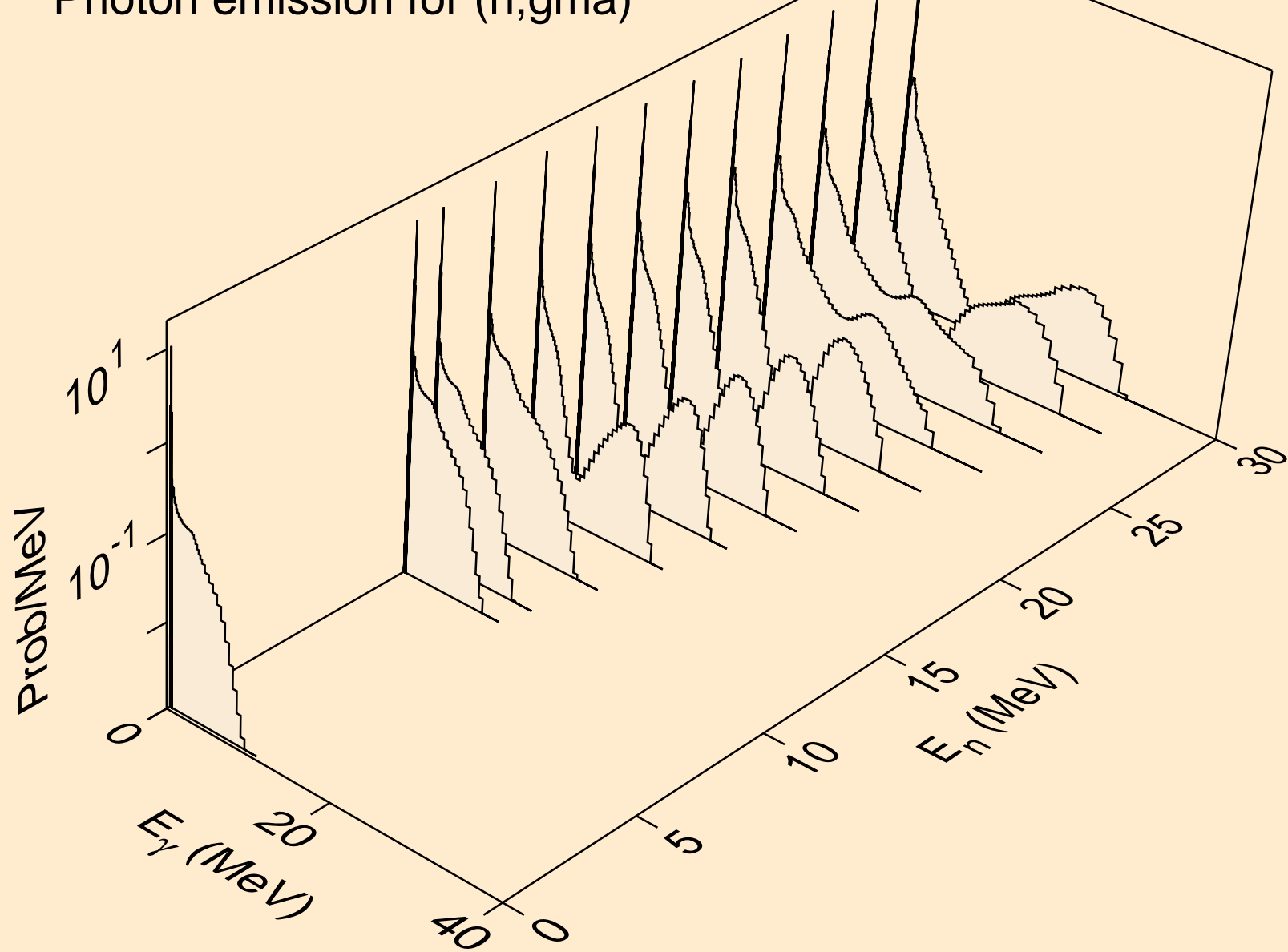


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Photon emission for (n,npa)

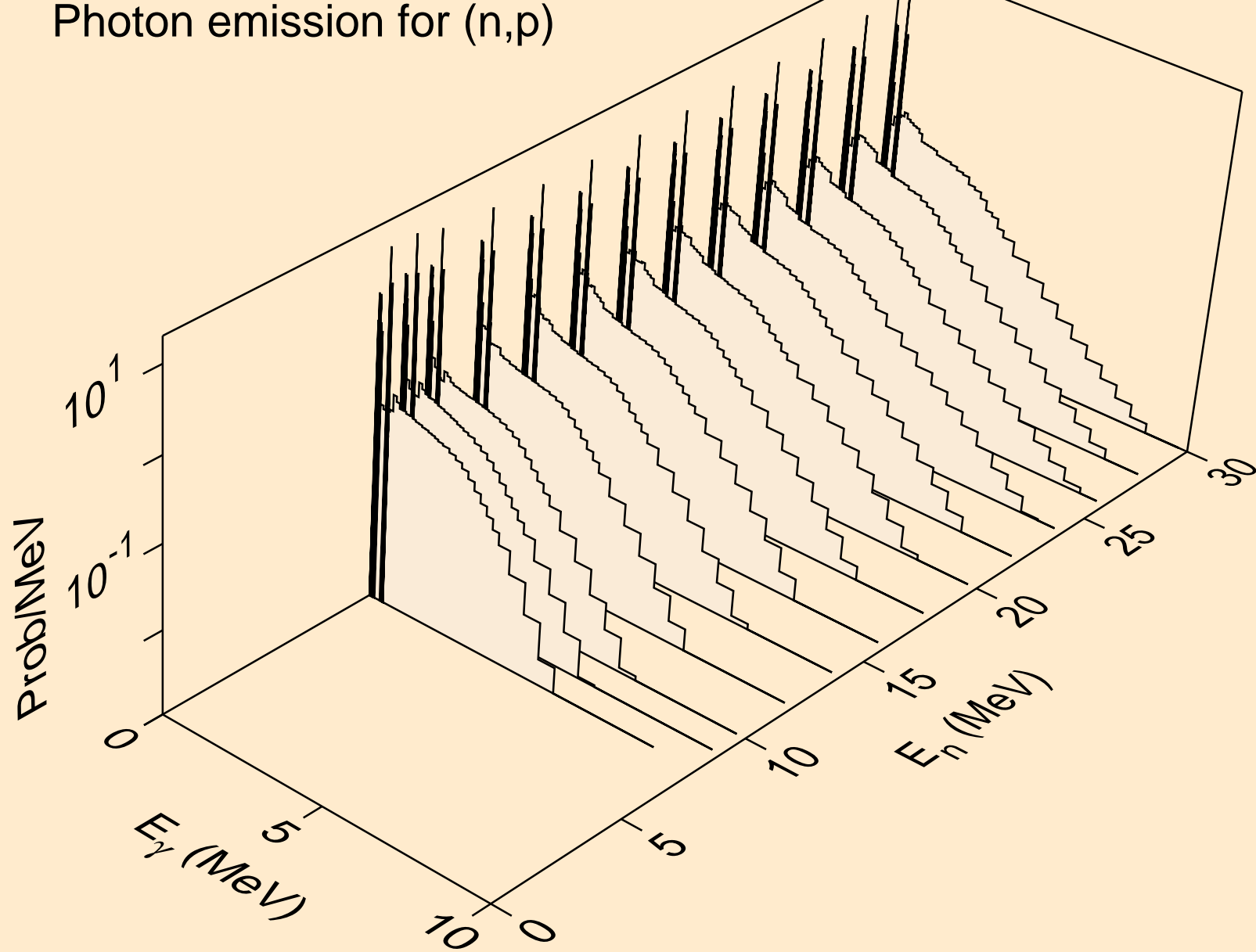




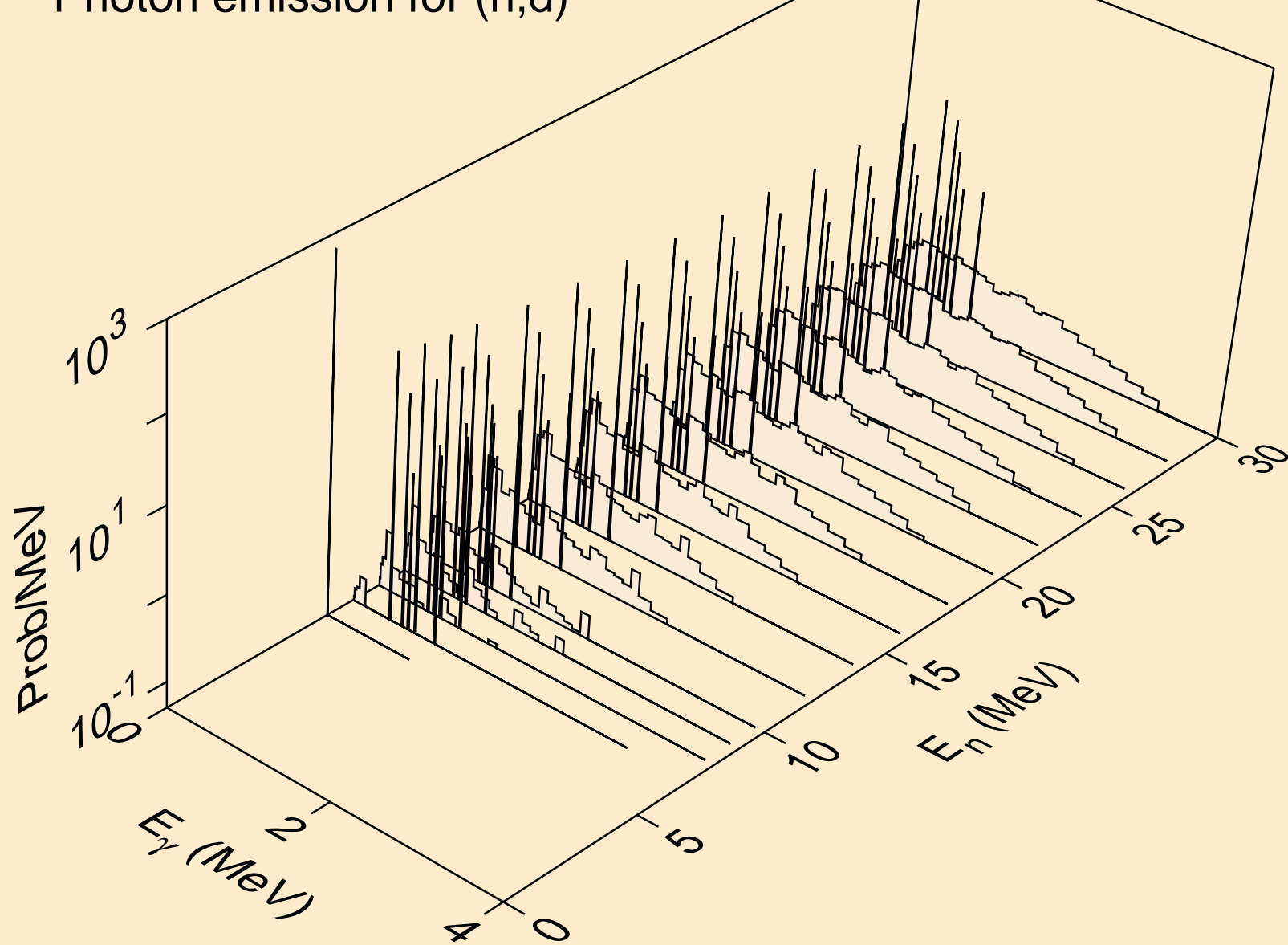
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Photon emission for (n,gma)



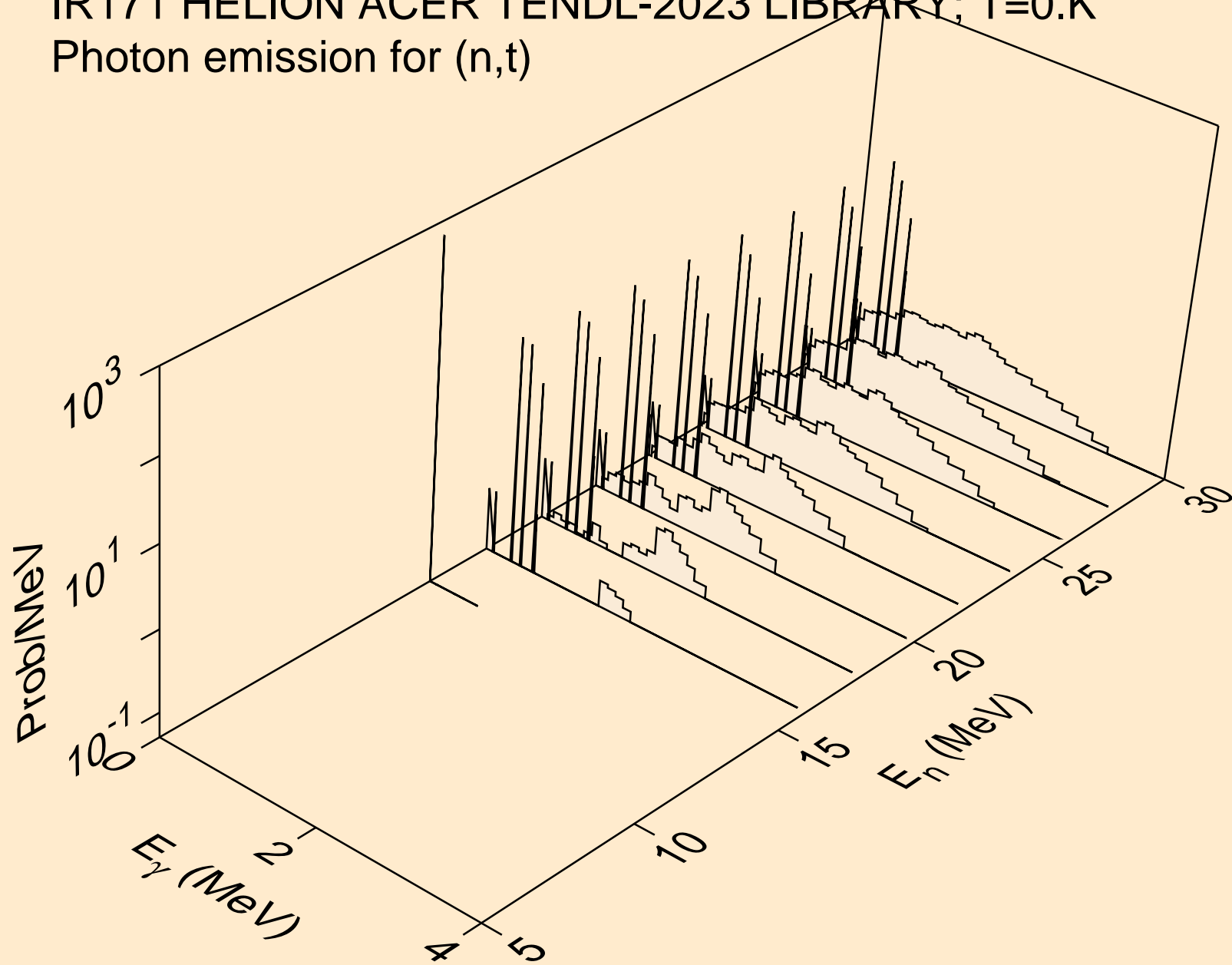
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Photon emission for (n,p)



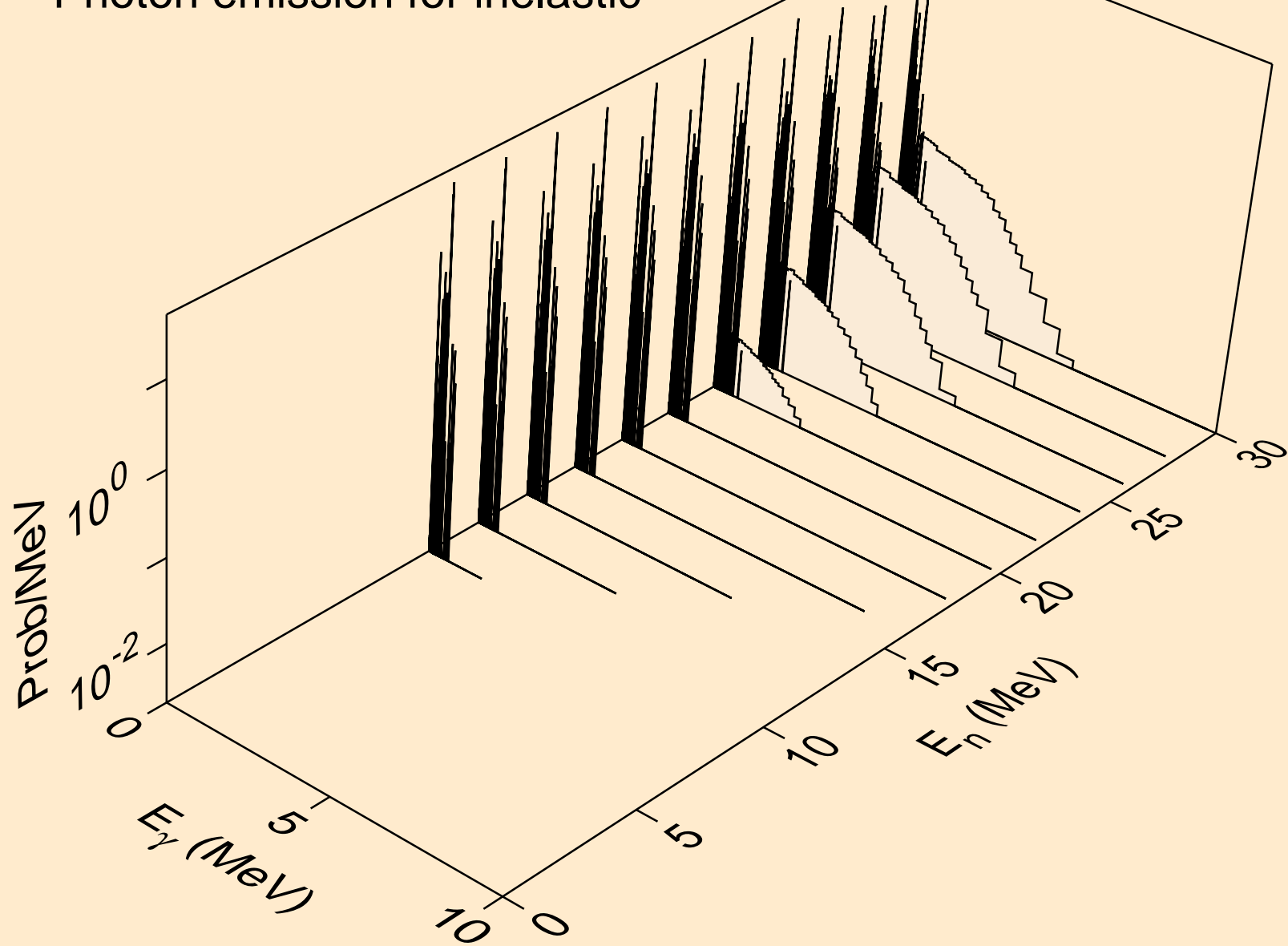
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Photon emission for (n,d)



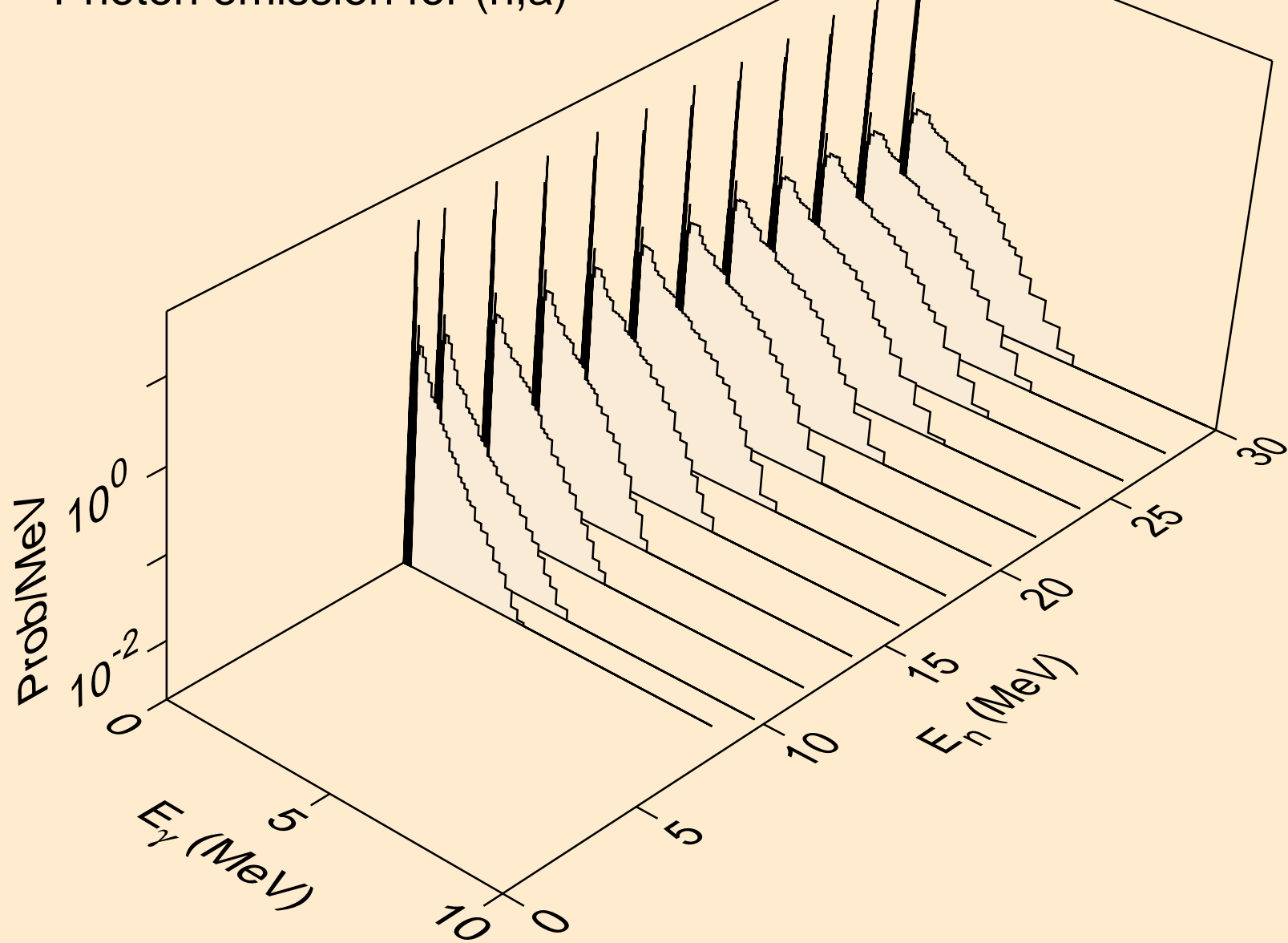
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Photon emission for (n,t)



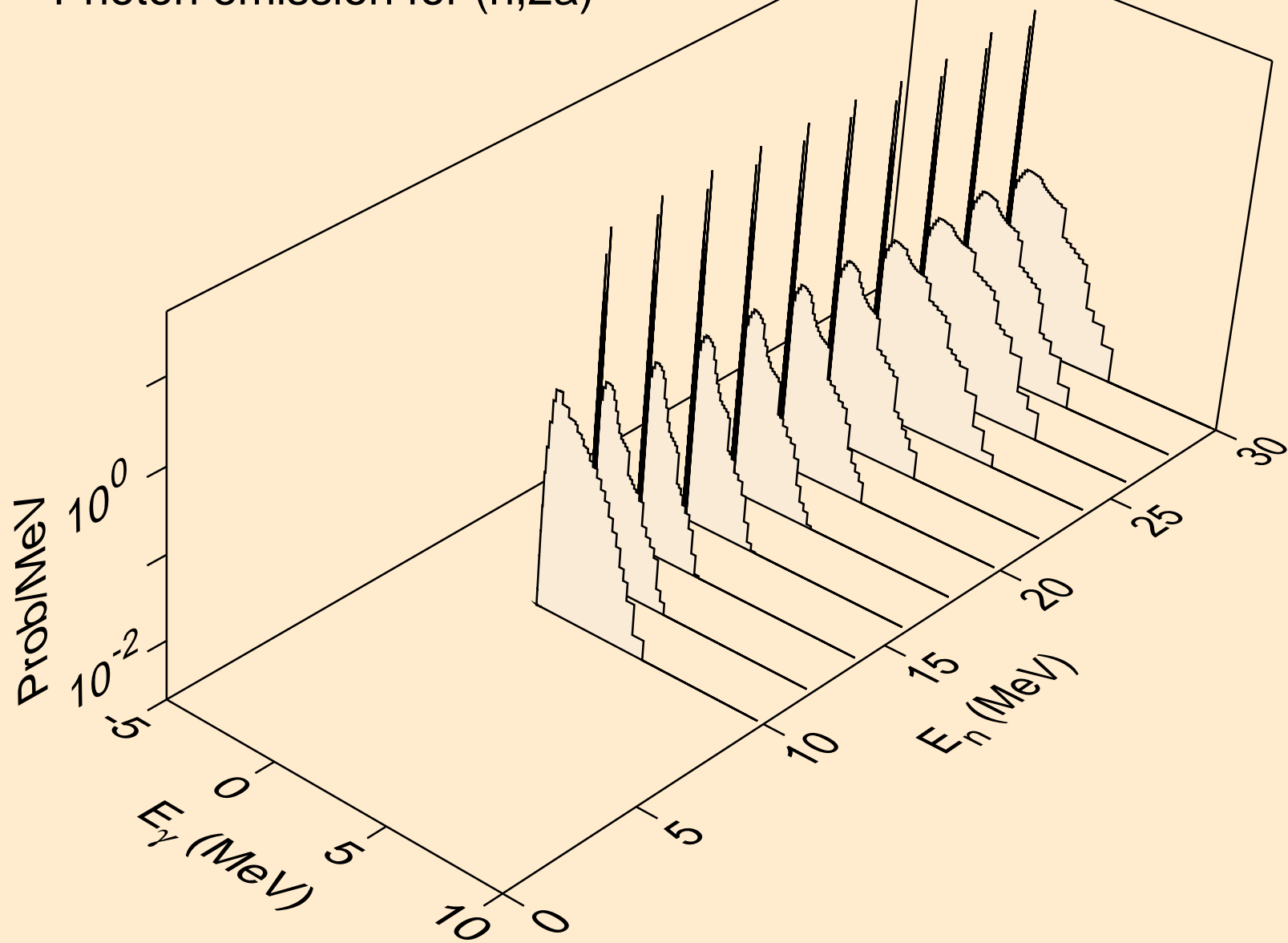
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Photon emission for inelastic



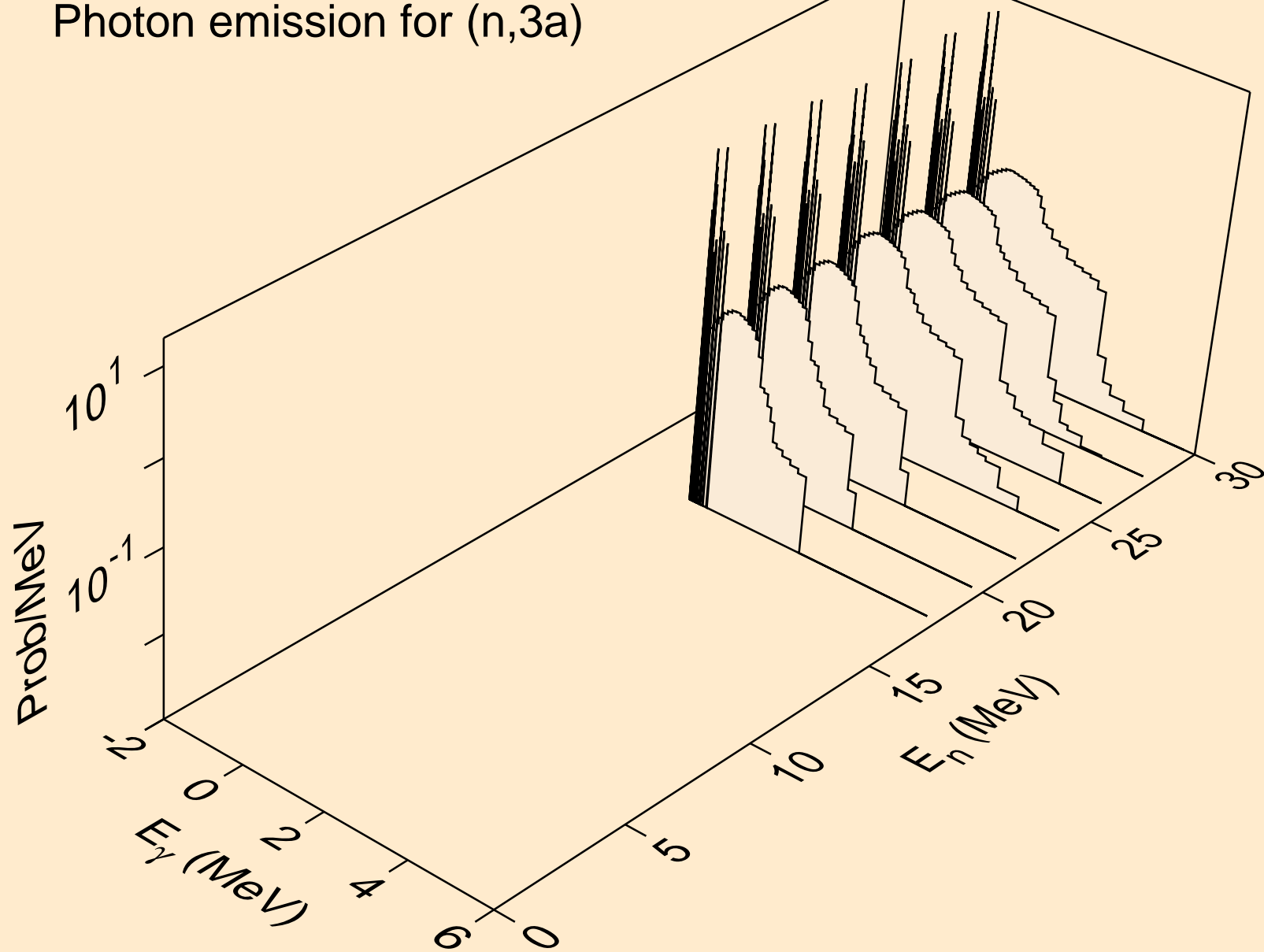
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Photon emission for (n,a)



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

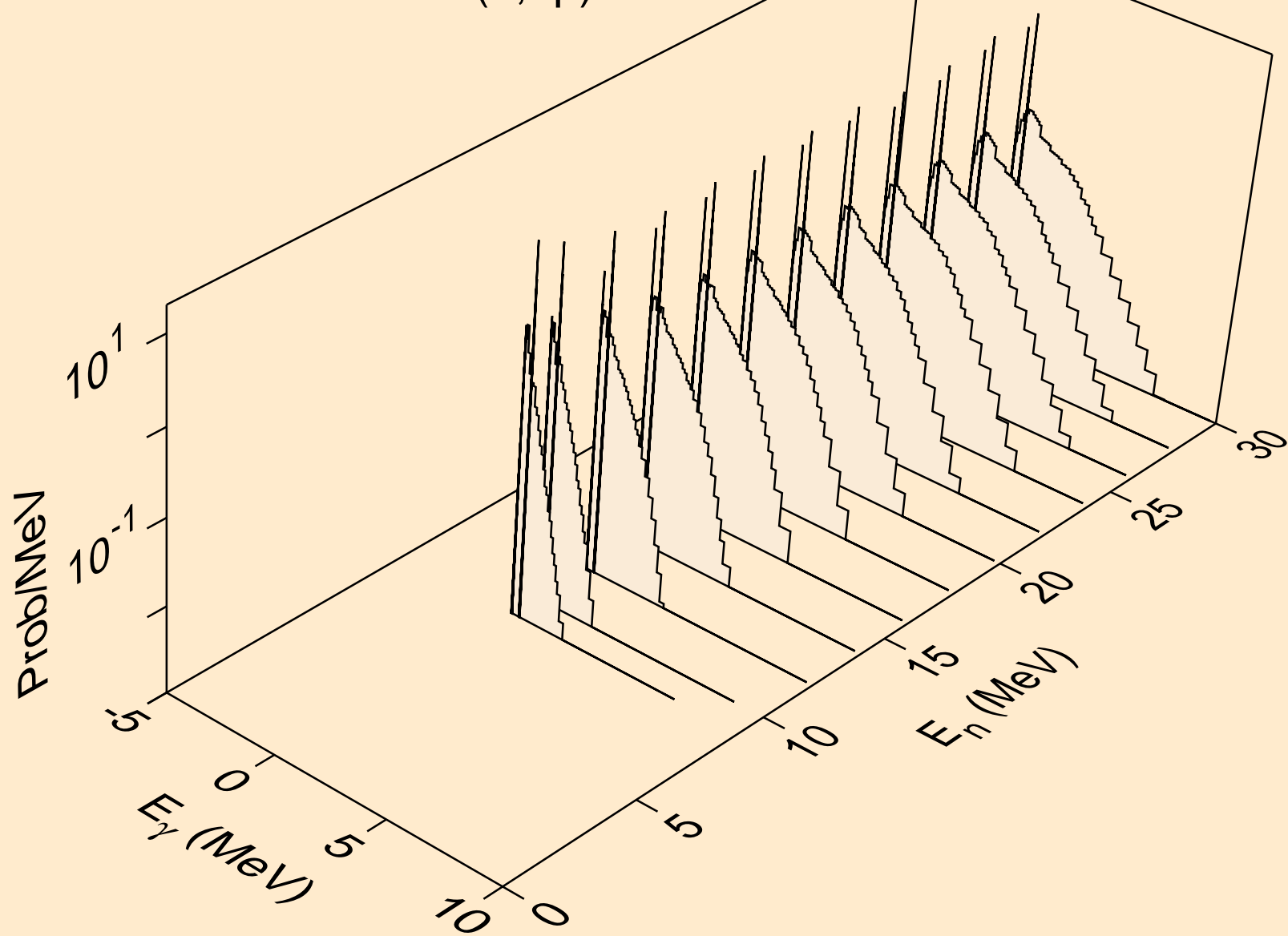


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Photon emission for (n,3a)

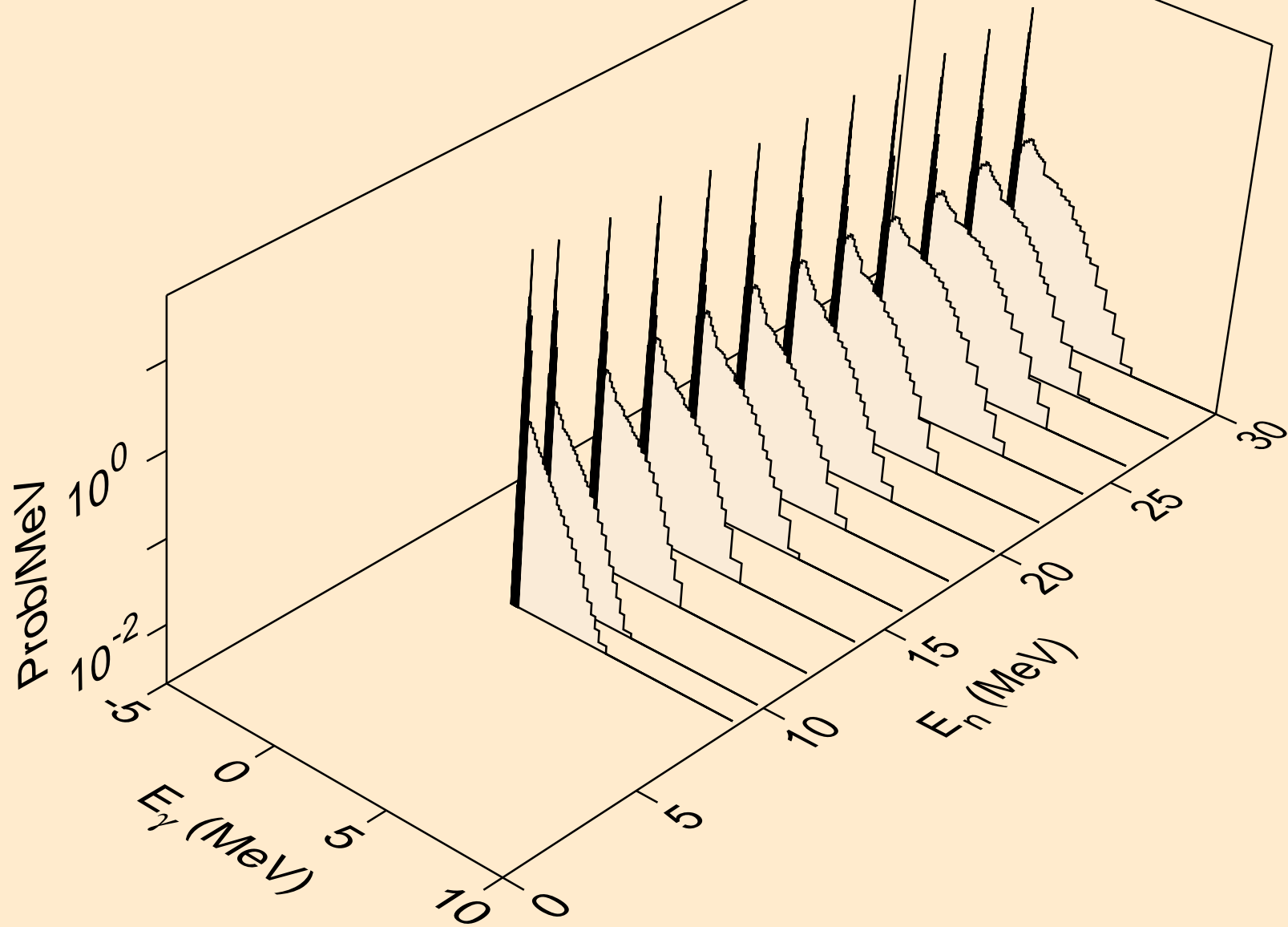




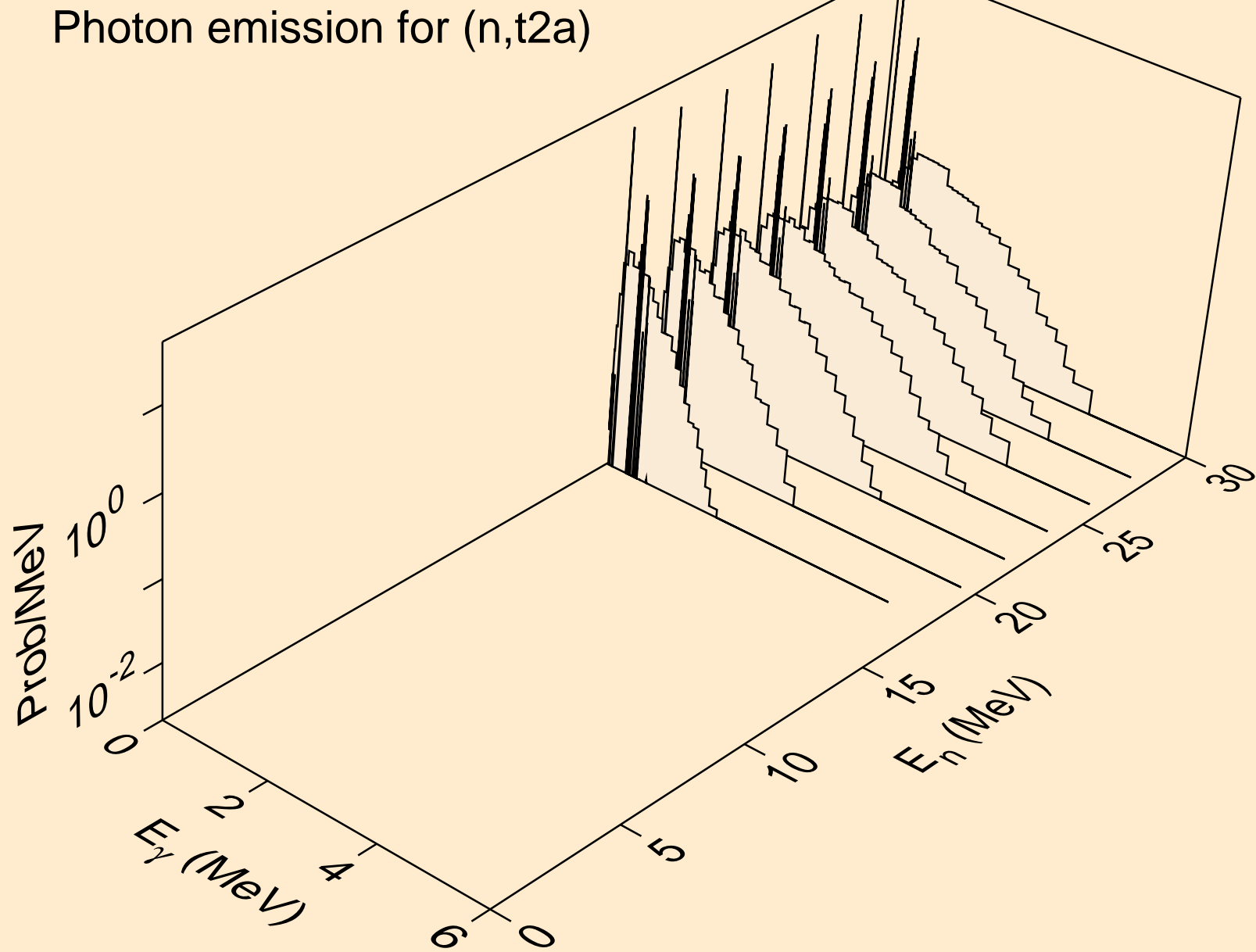
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Photon emission for (n,2p)



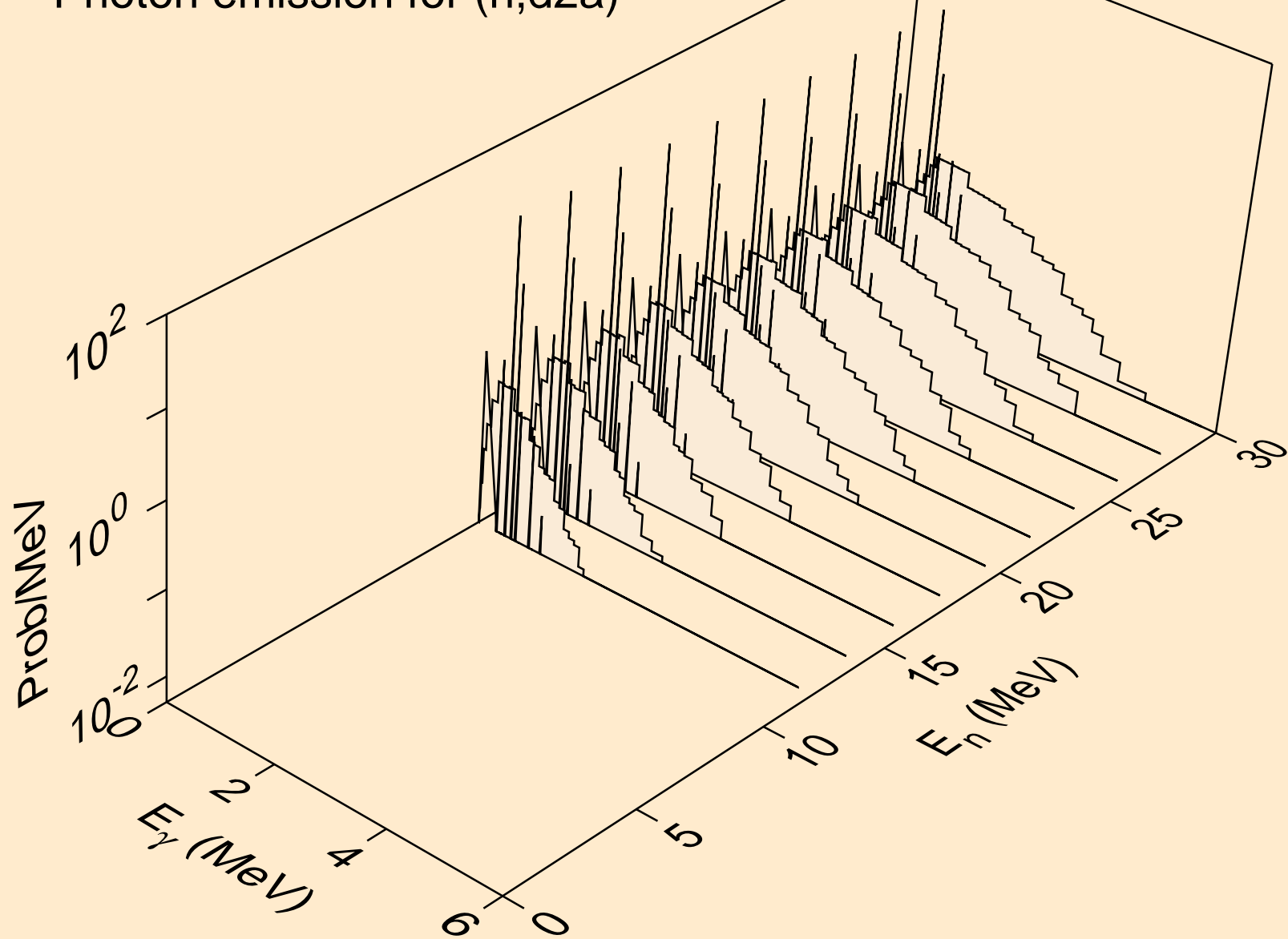
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Photon emission for (n,pa)



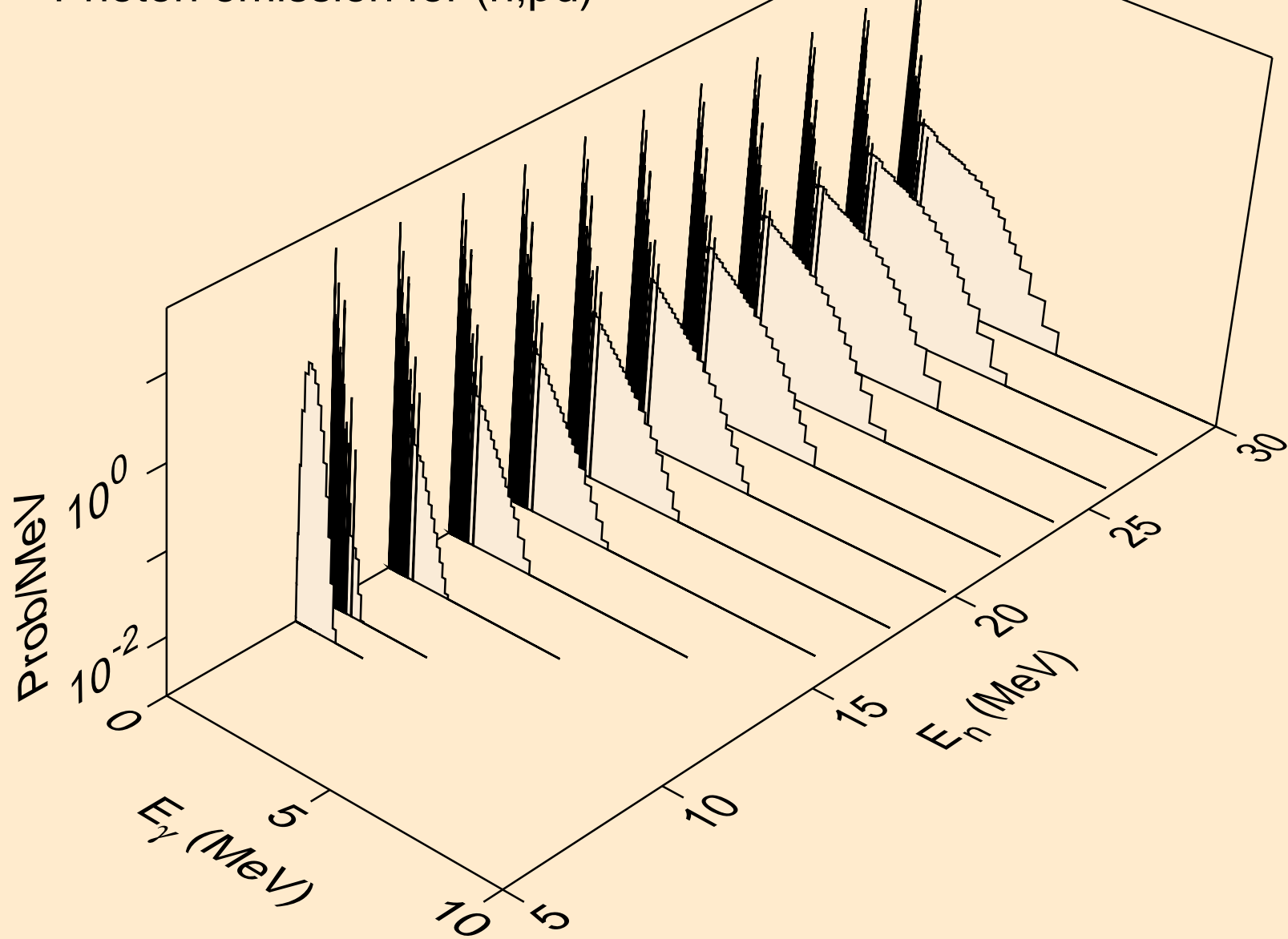
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Photon emission for (n,t2a)



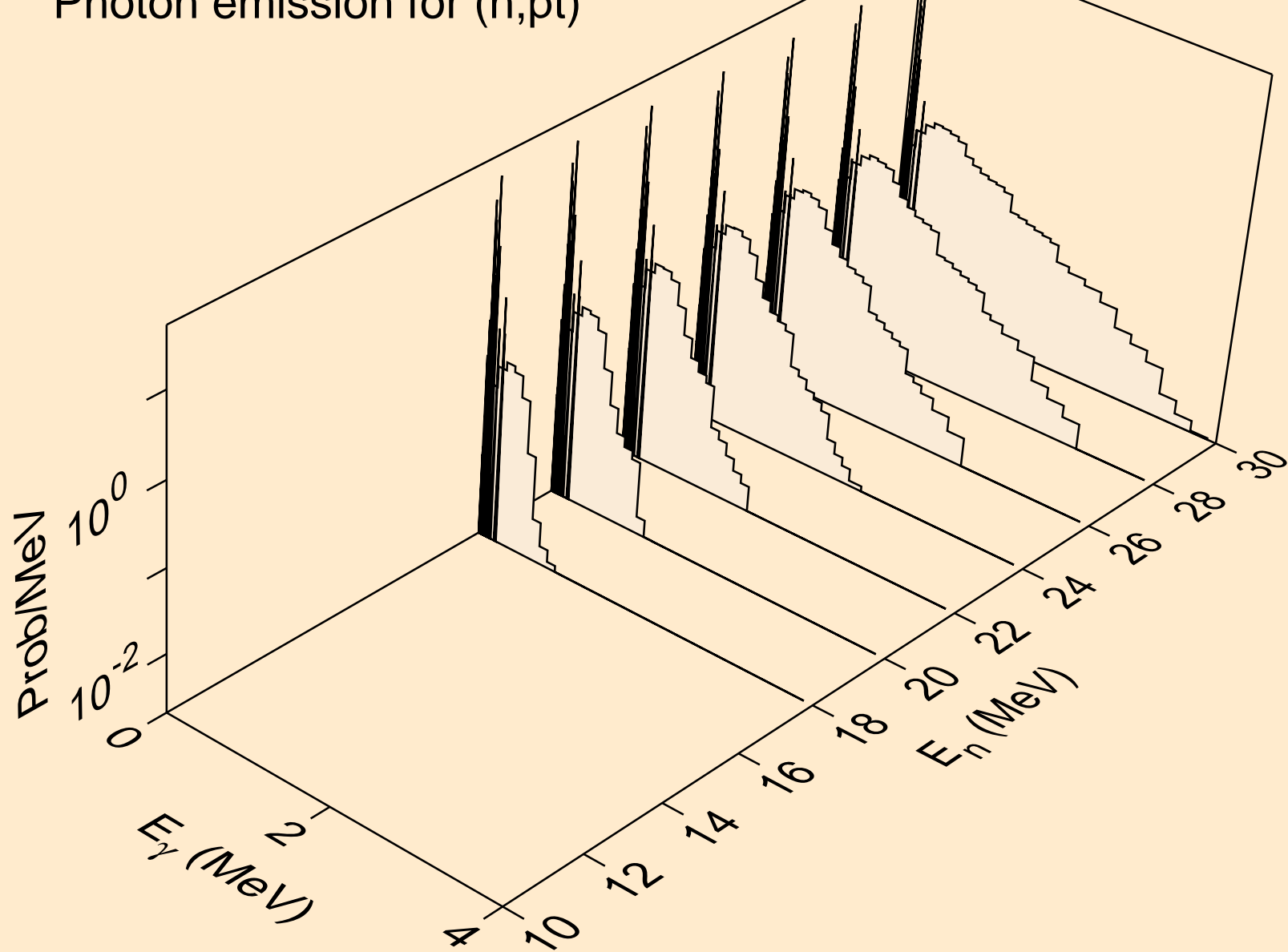
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Photon emission for (n,d2a)



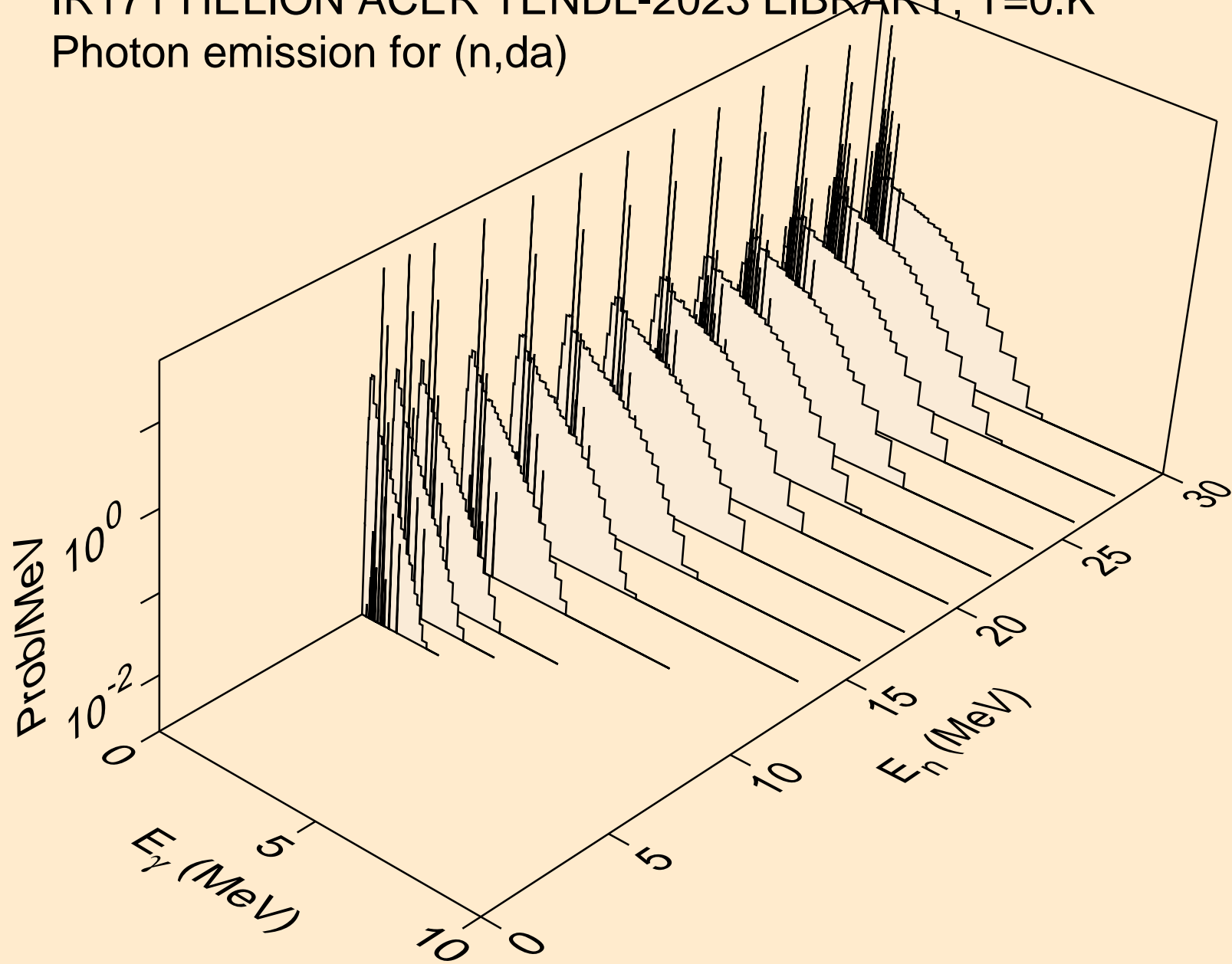
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Photon emission for (n,pd)



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

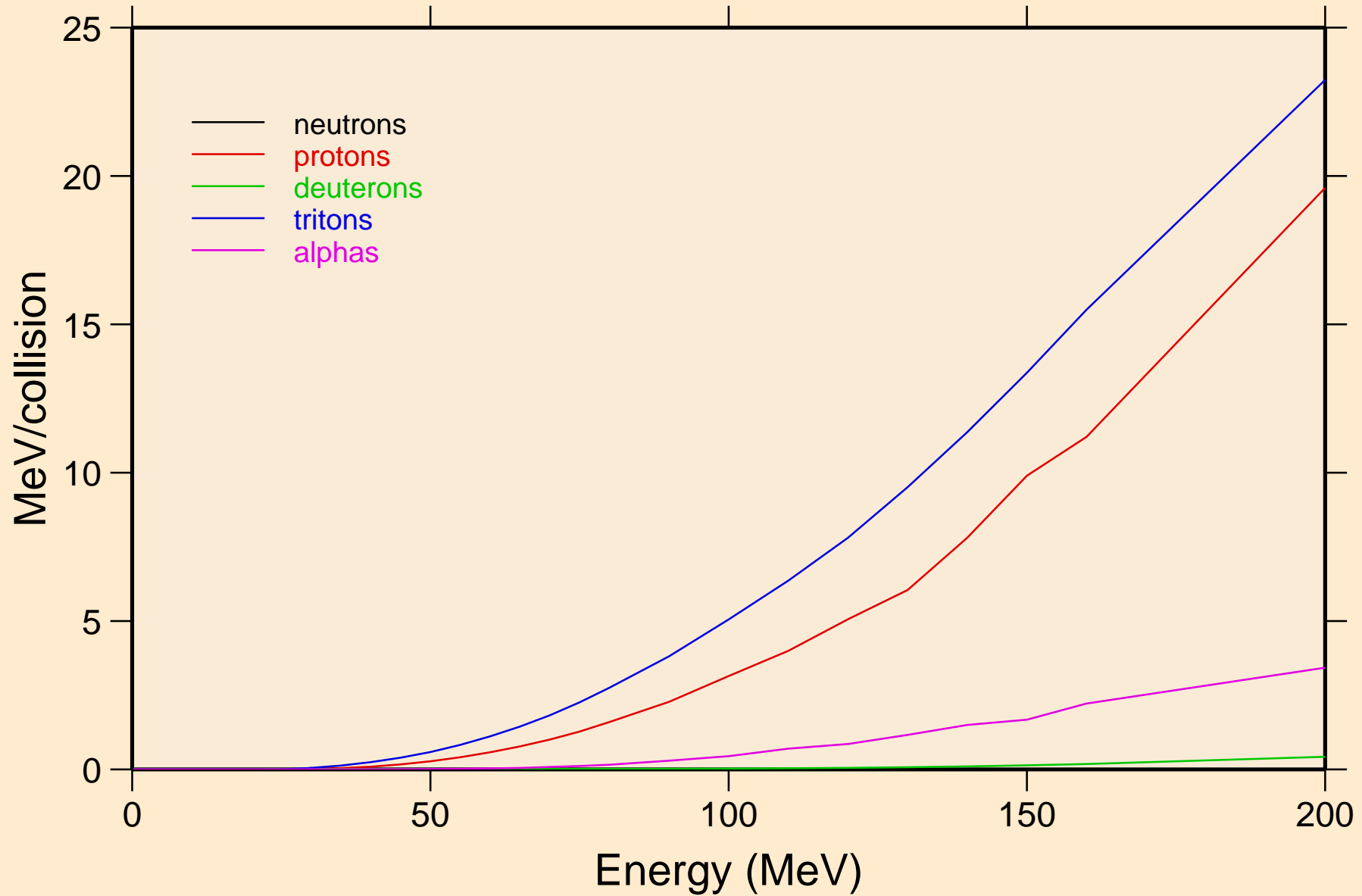


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Photon emission for (n,da)



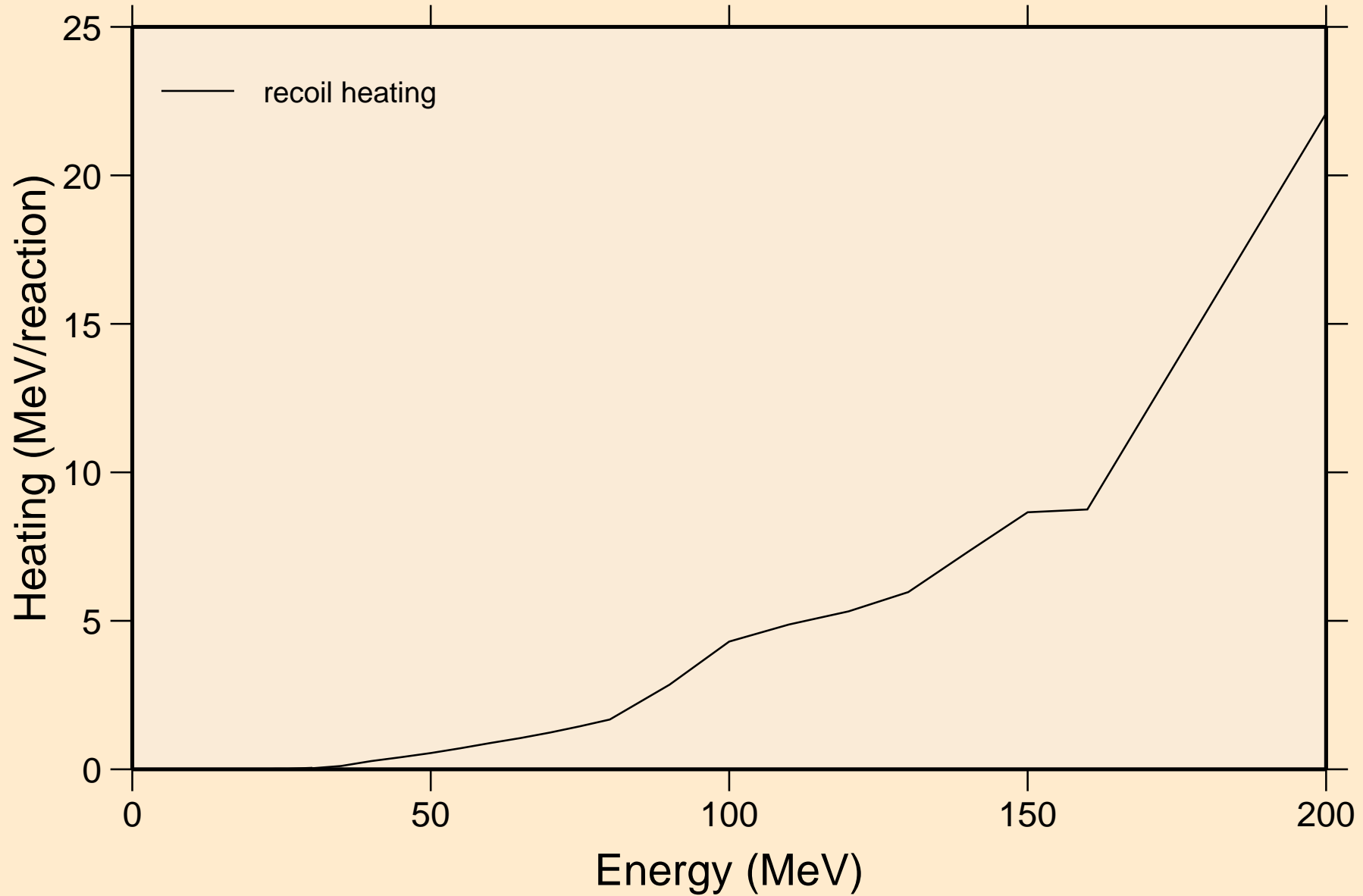
# IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

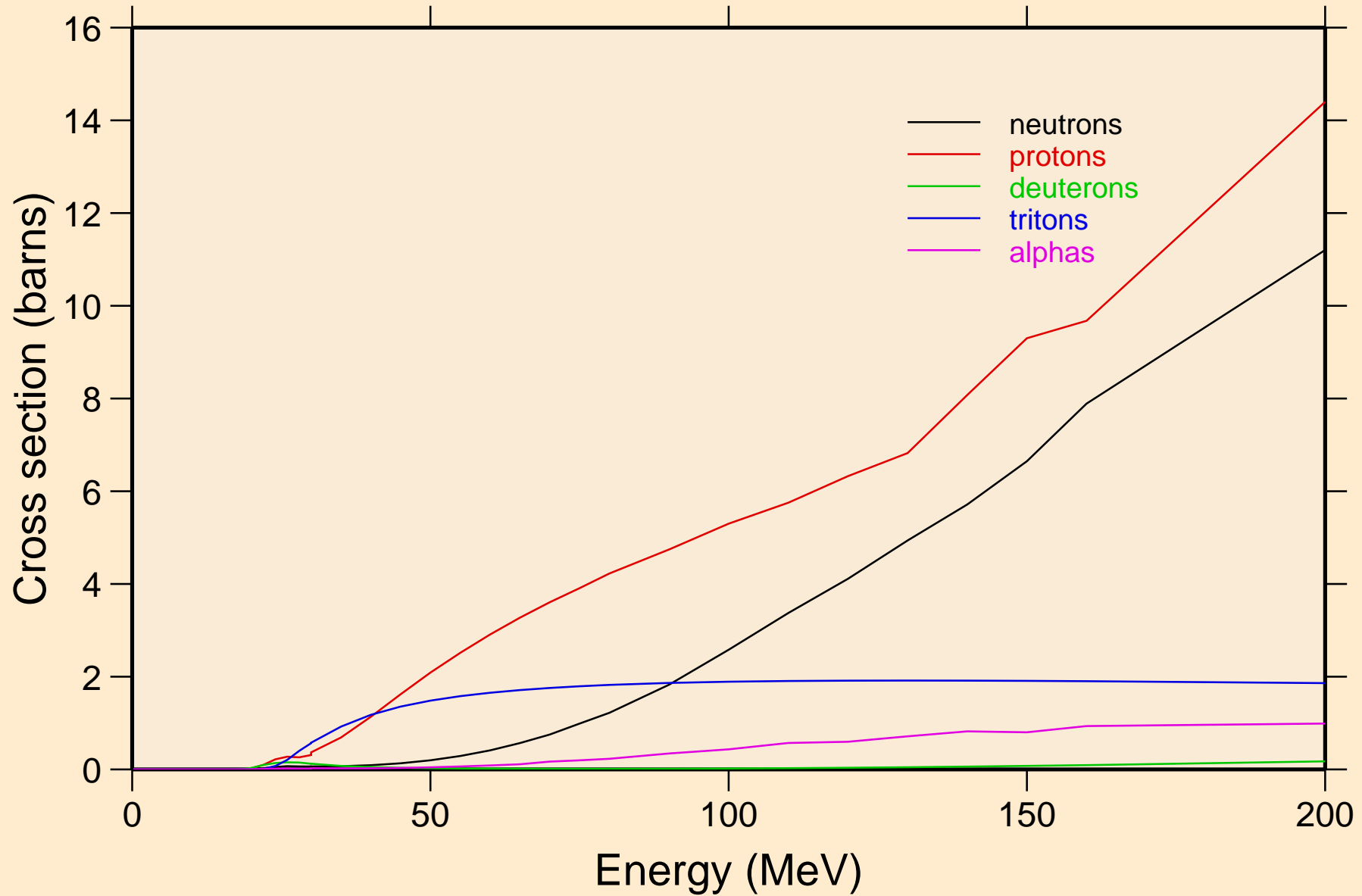




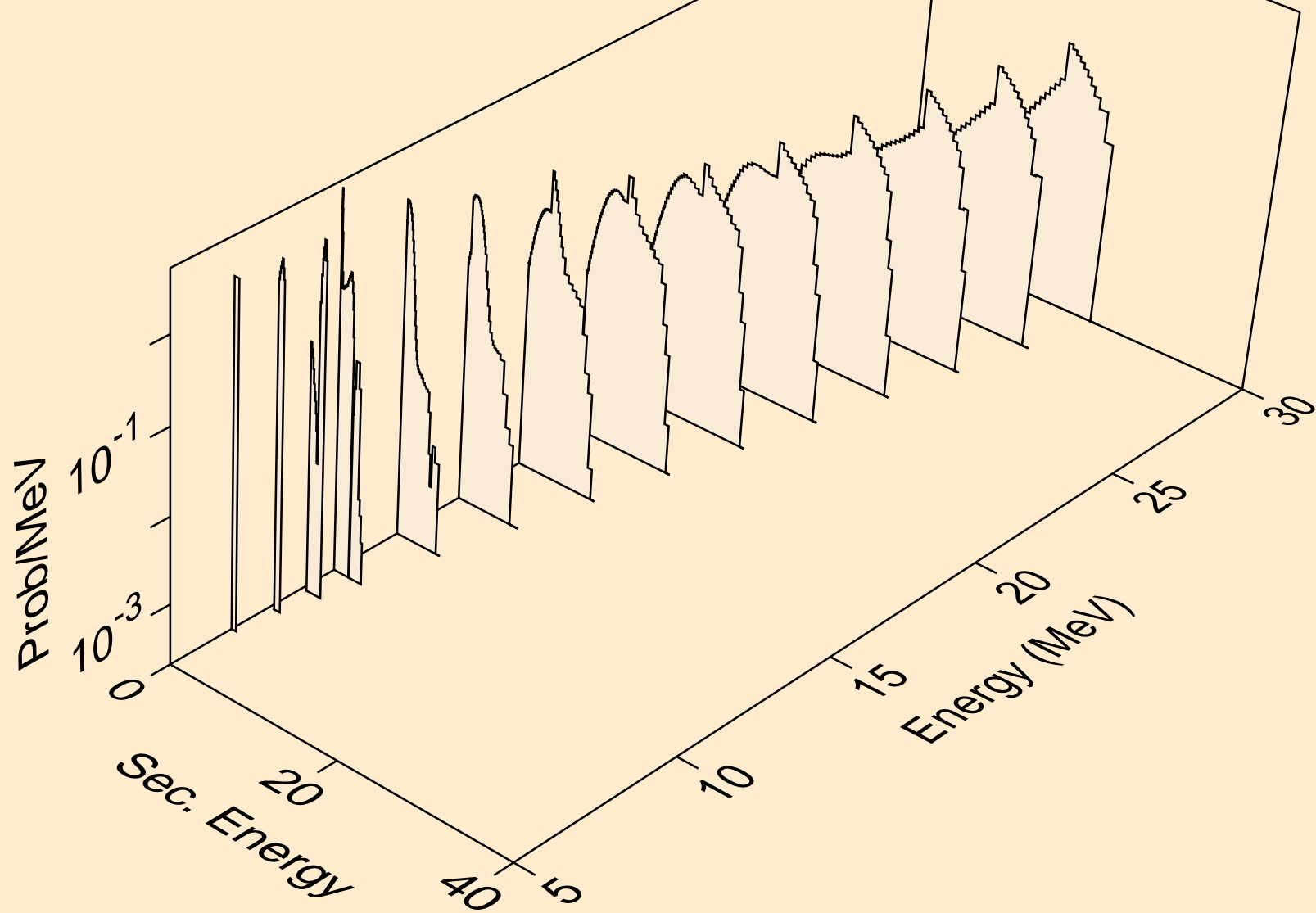
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



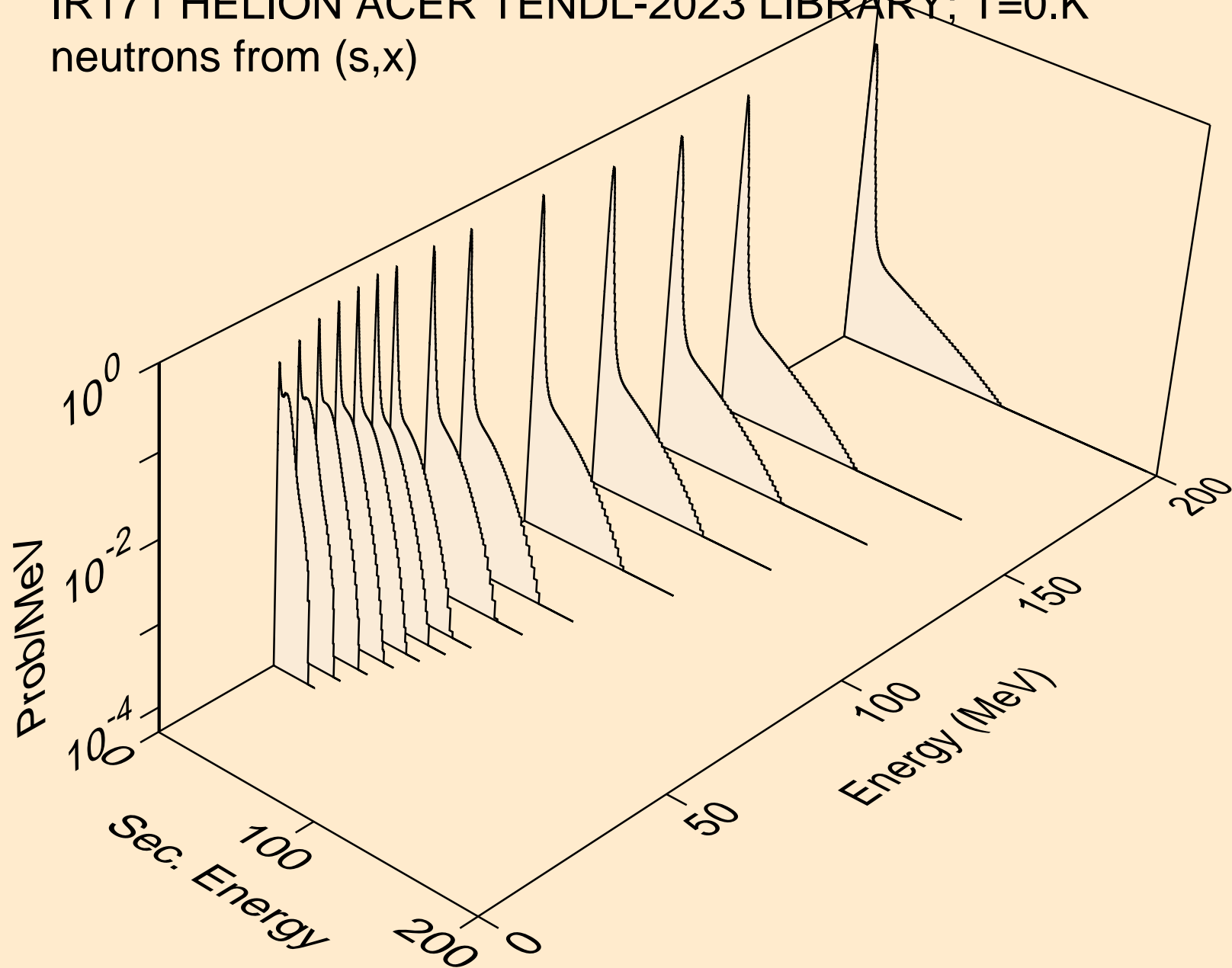
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



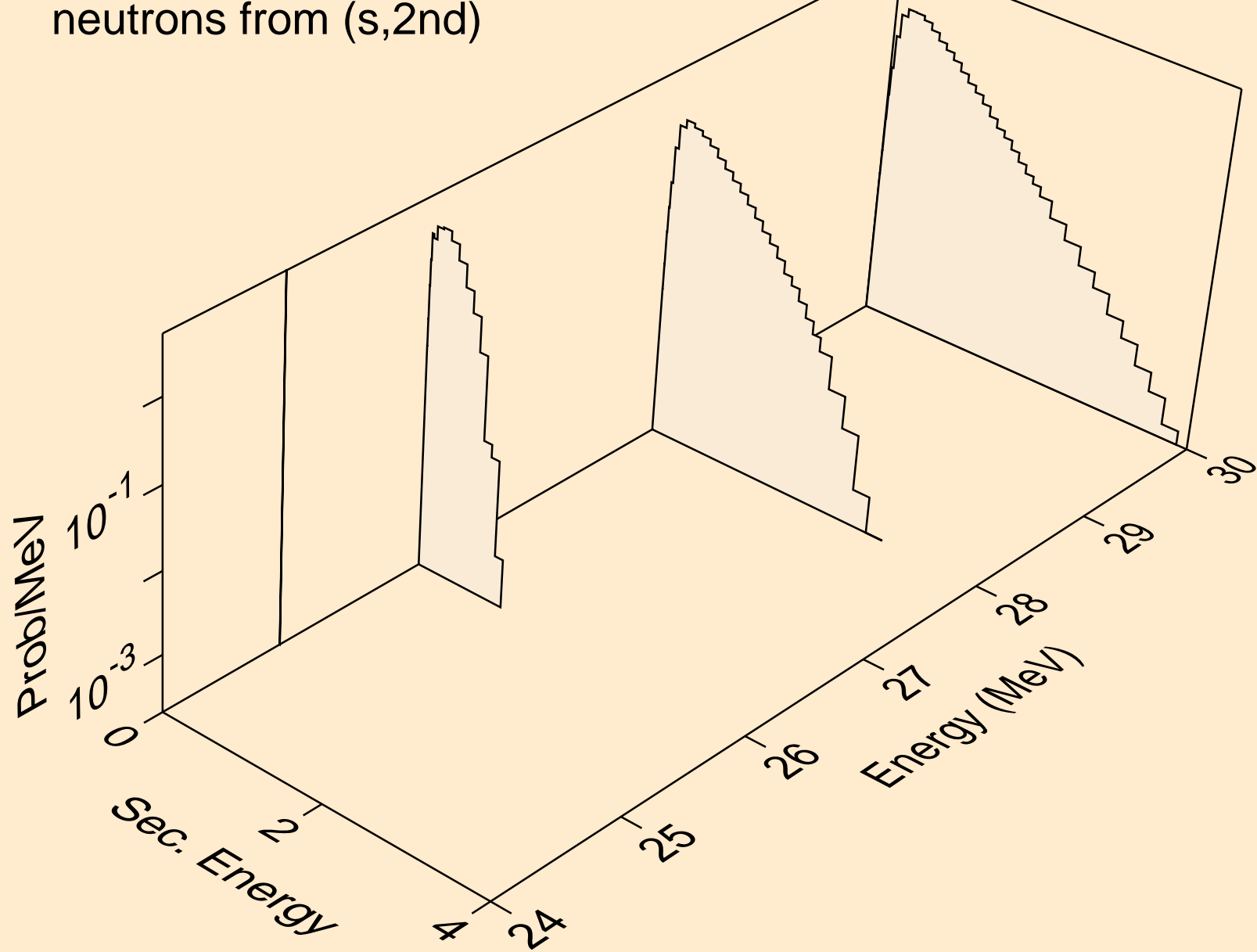
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



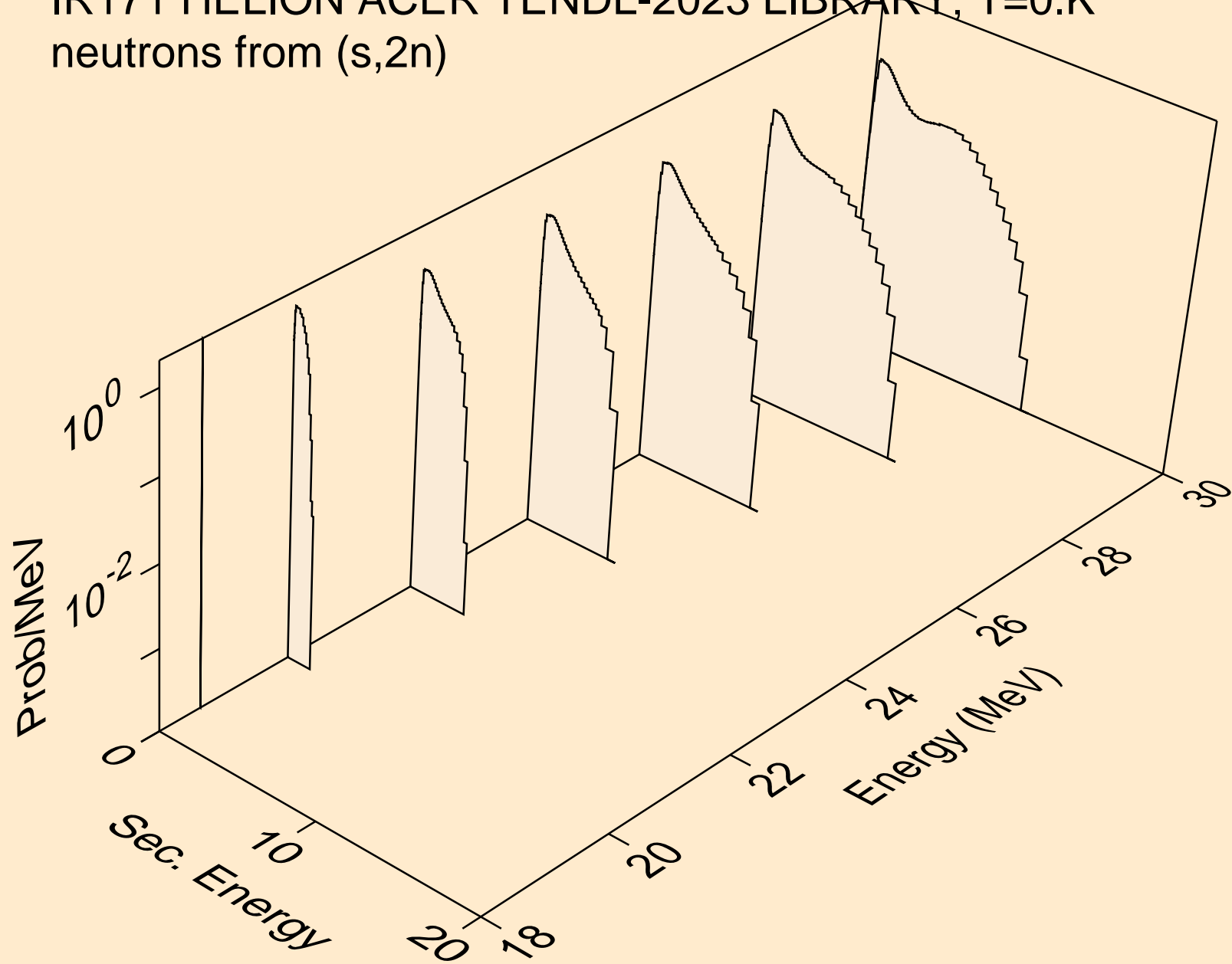
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



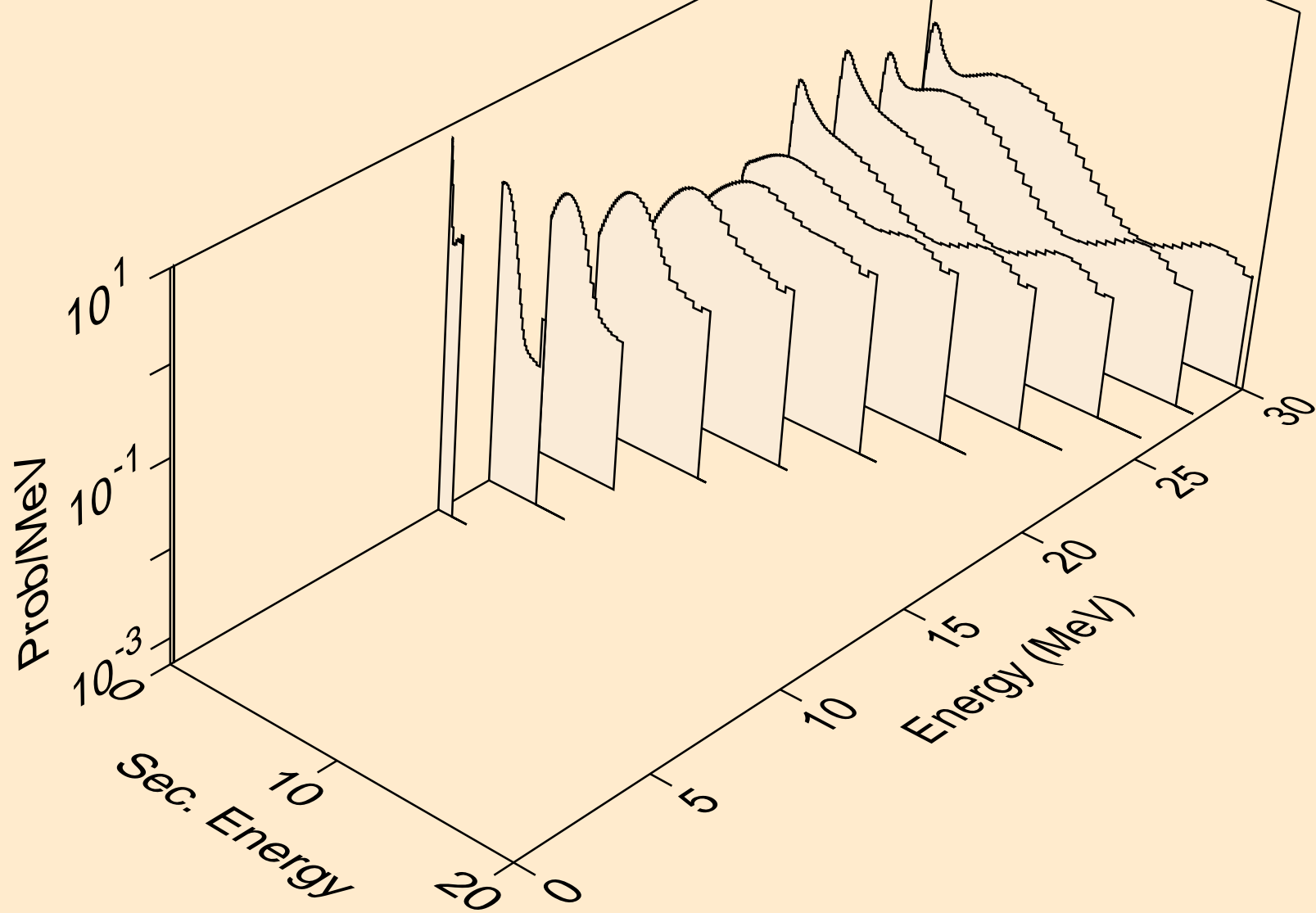
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



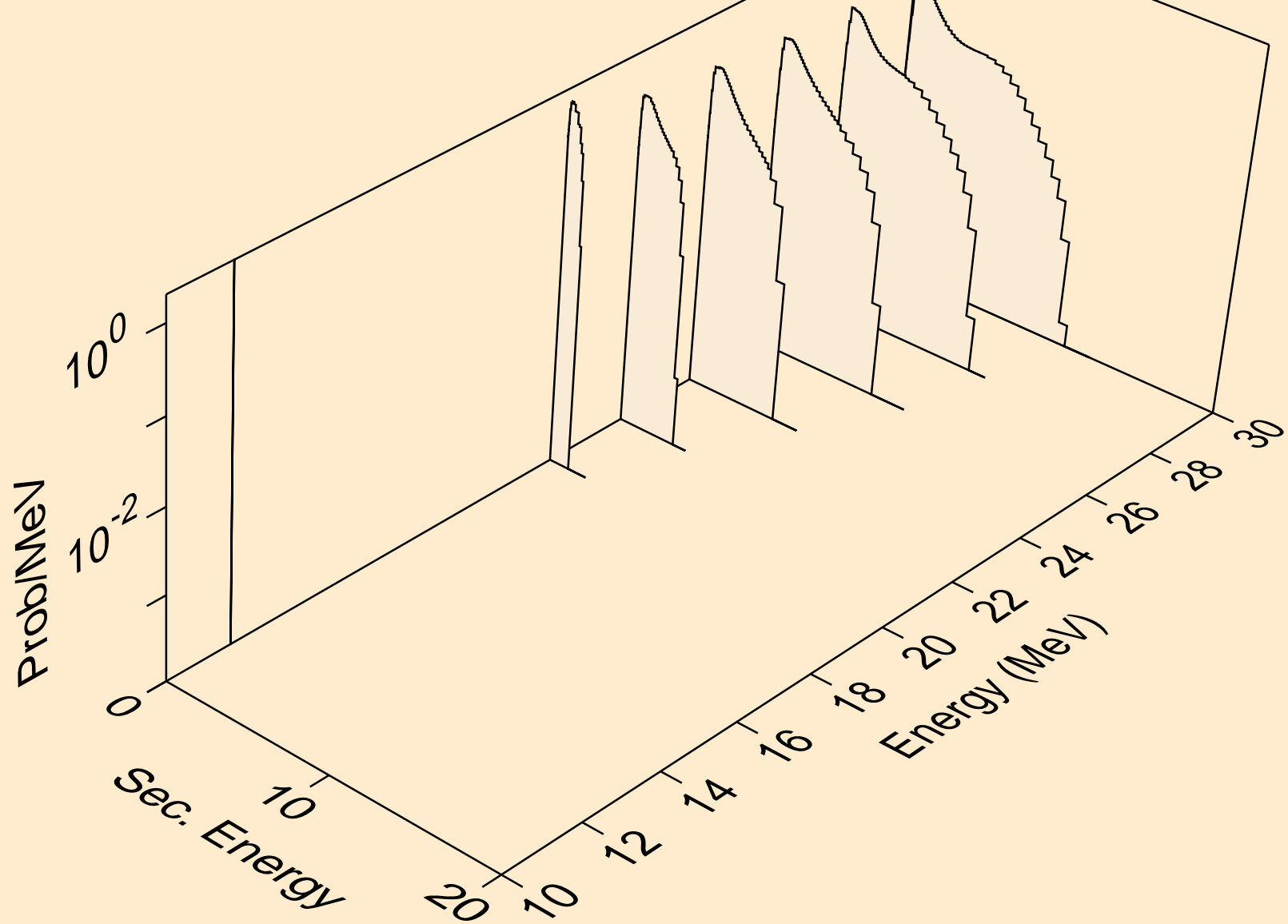
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

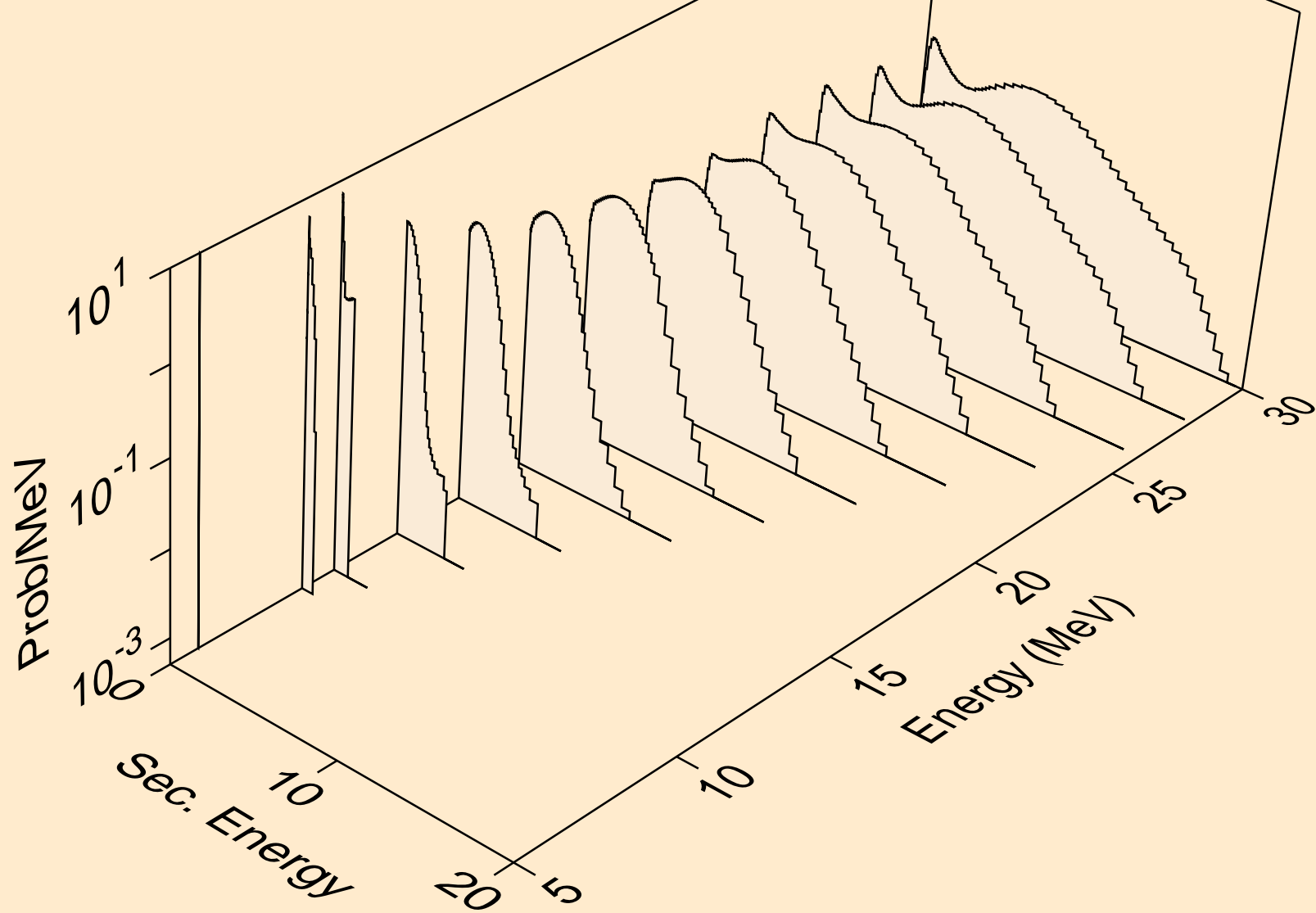


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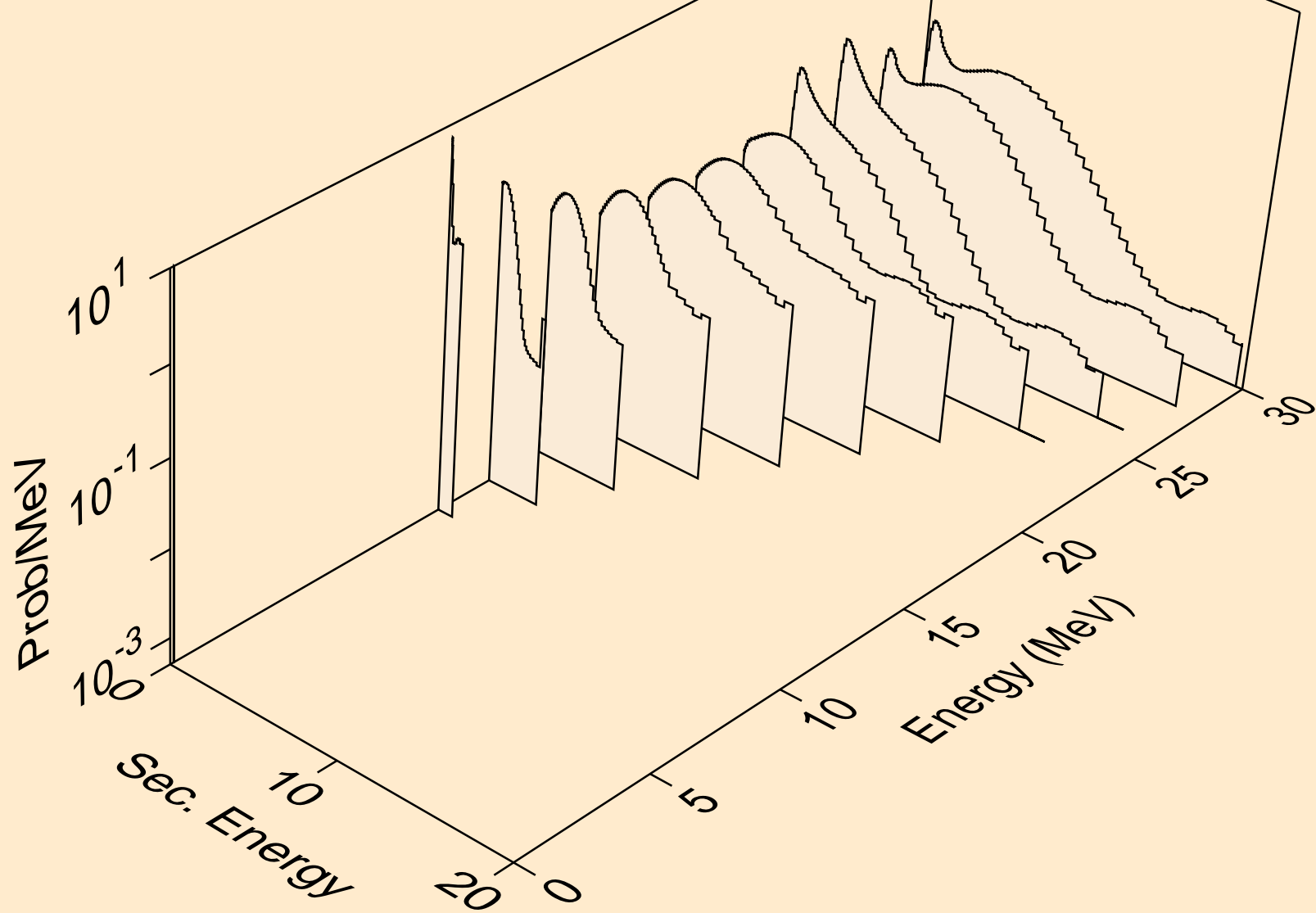




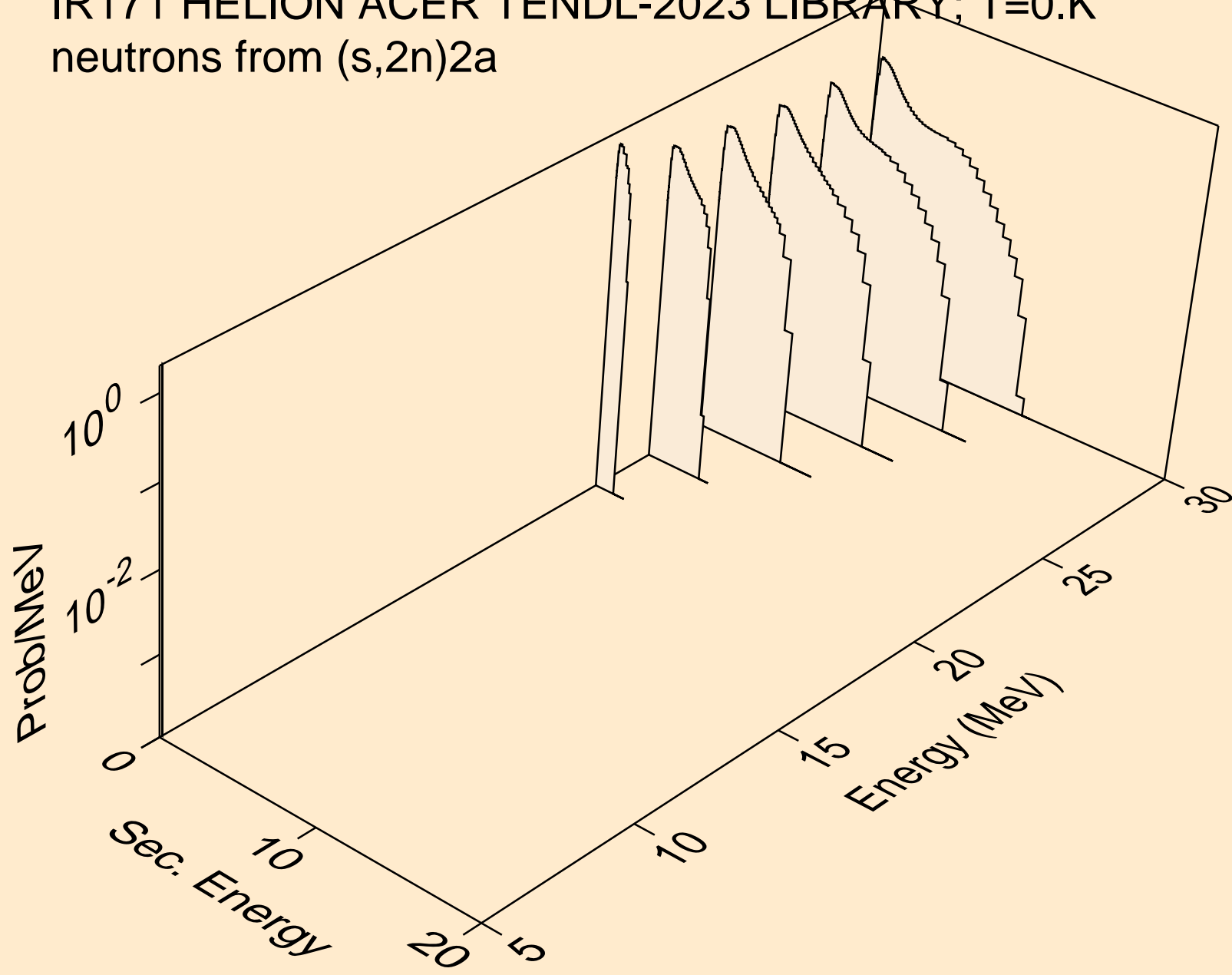
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



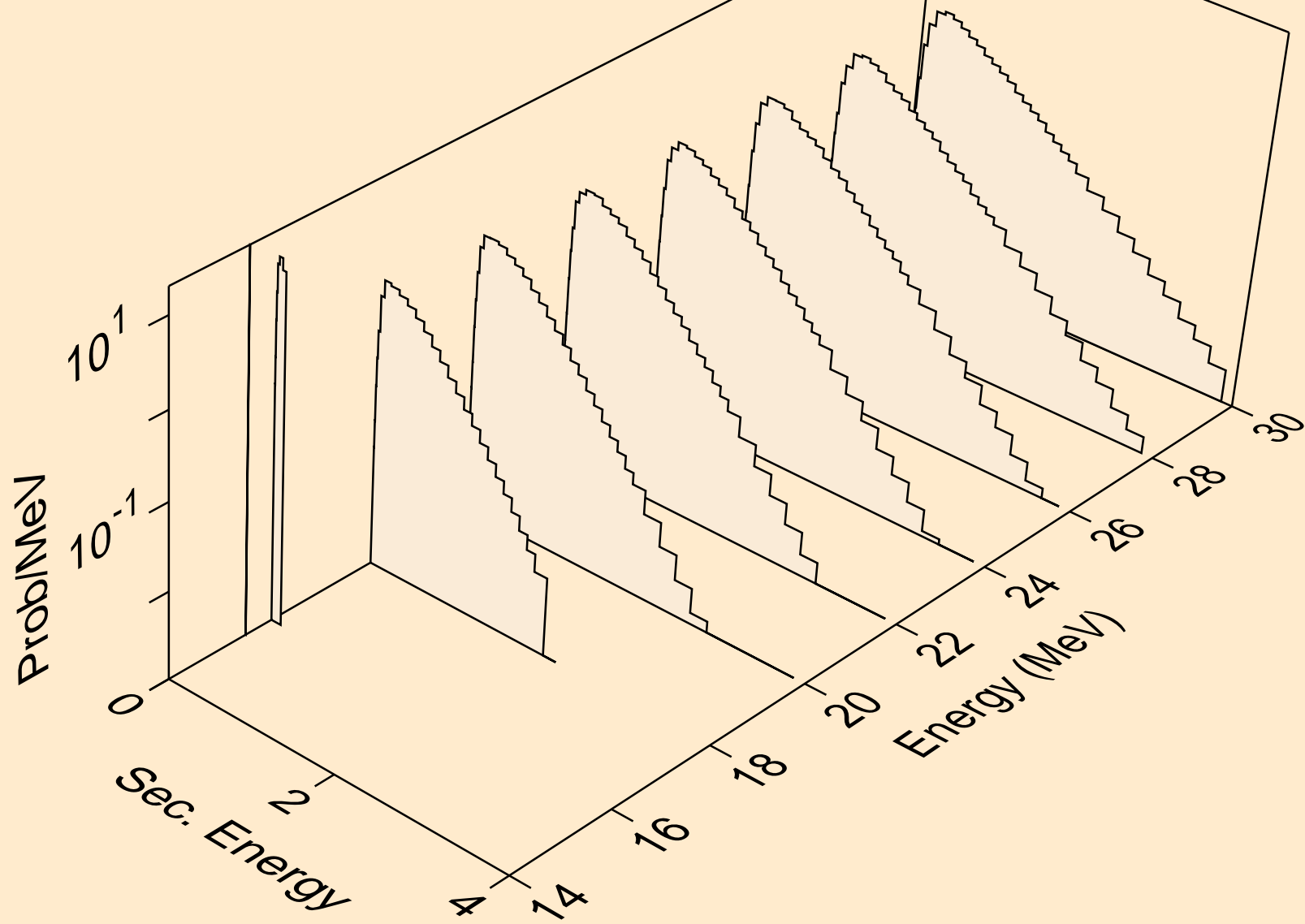
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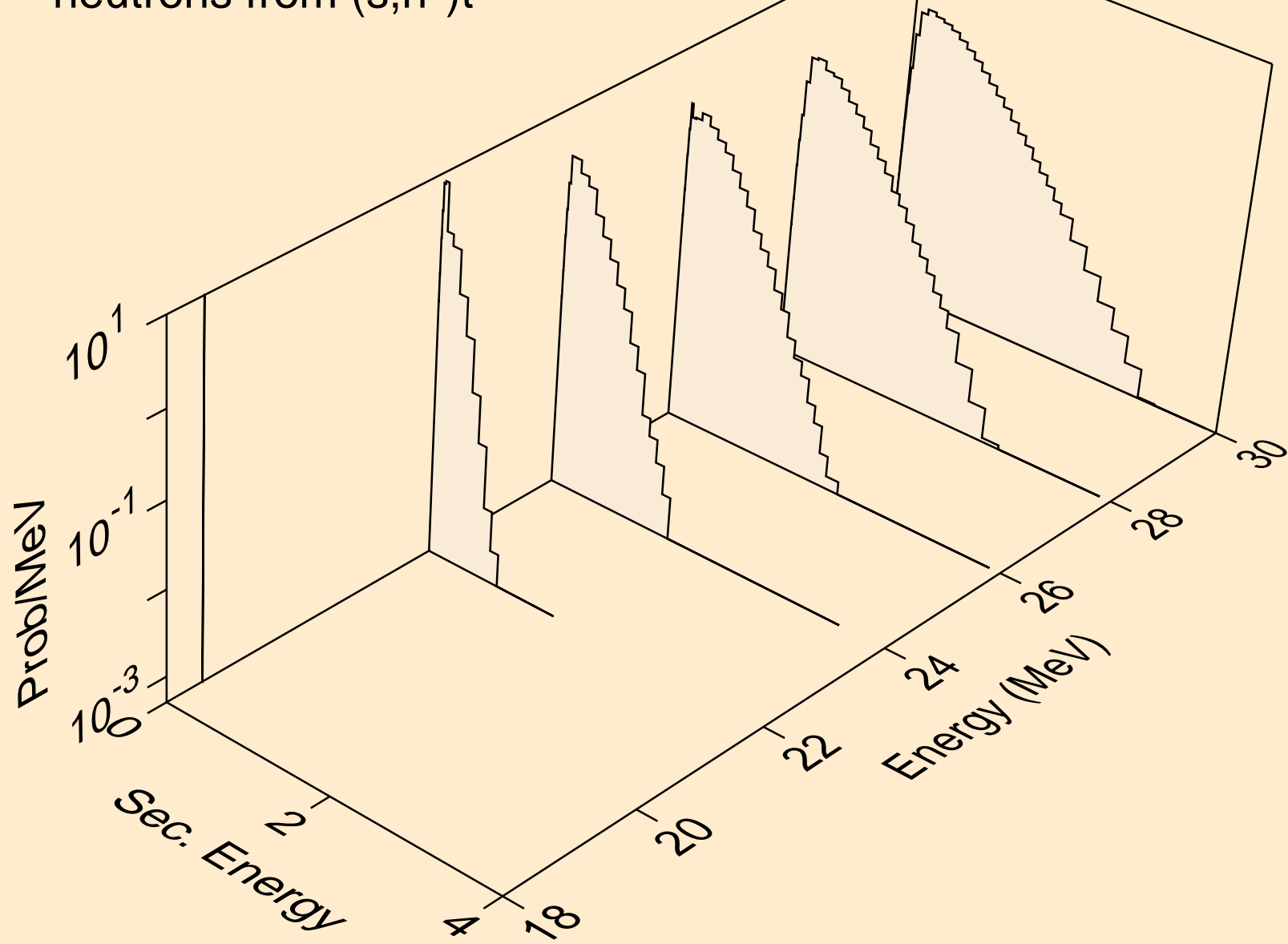
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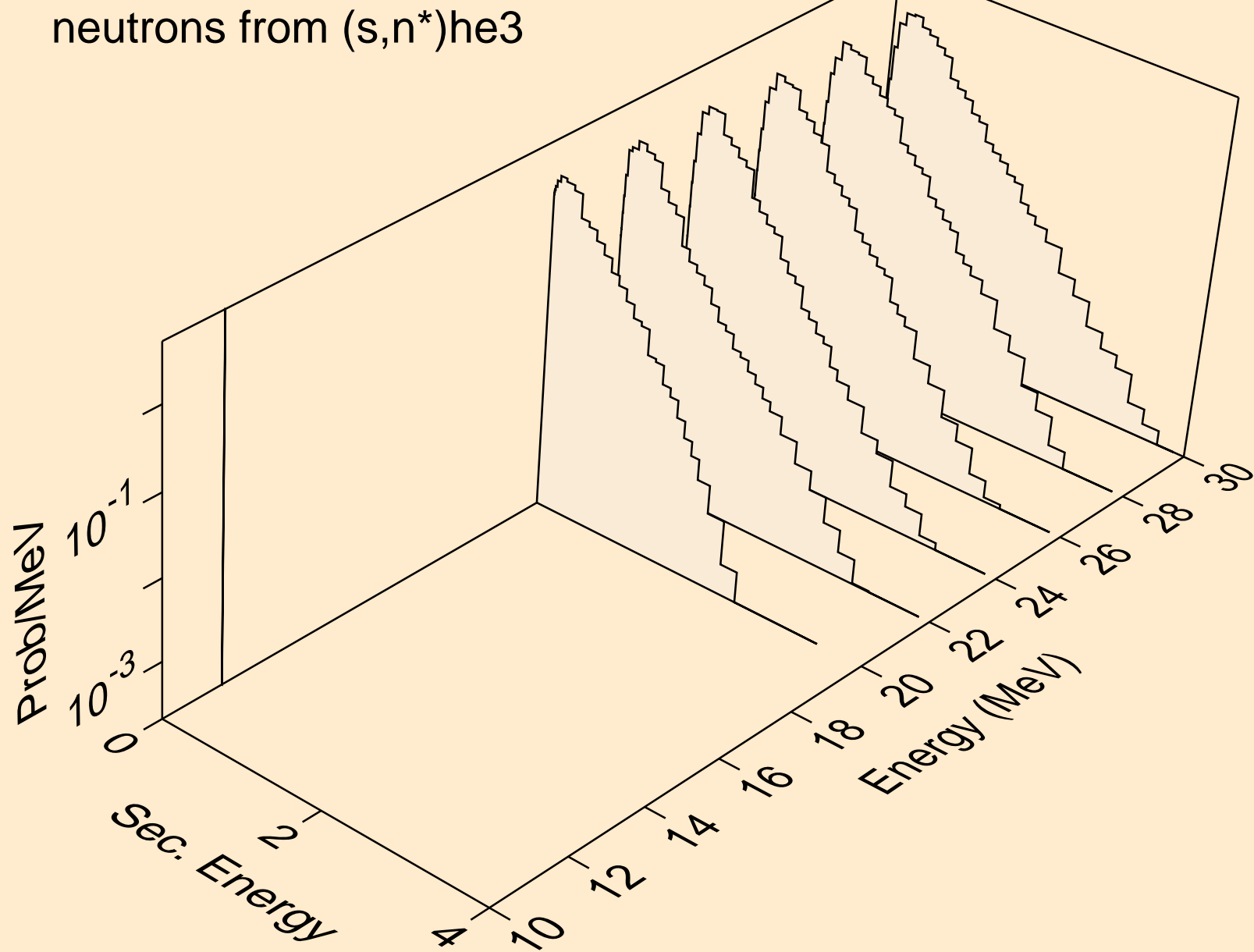
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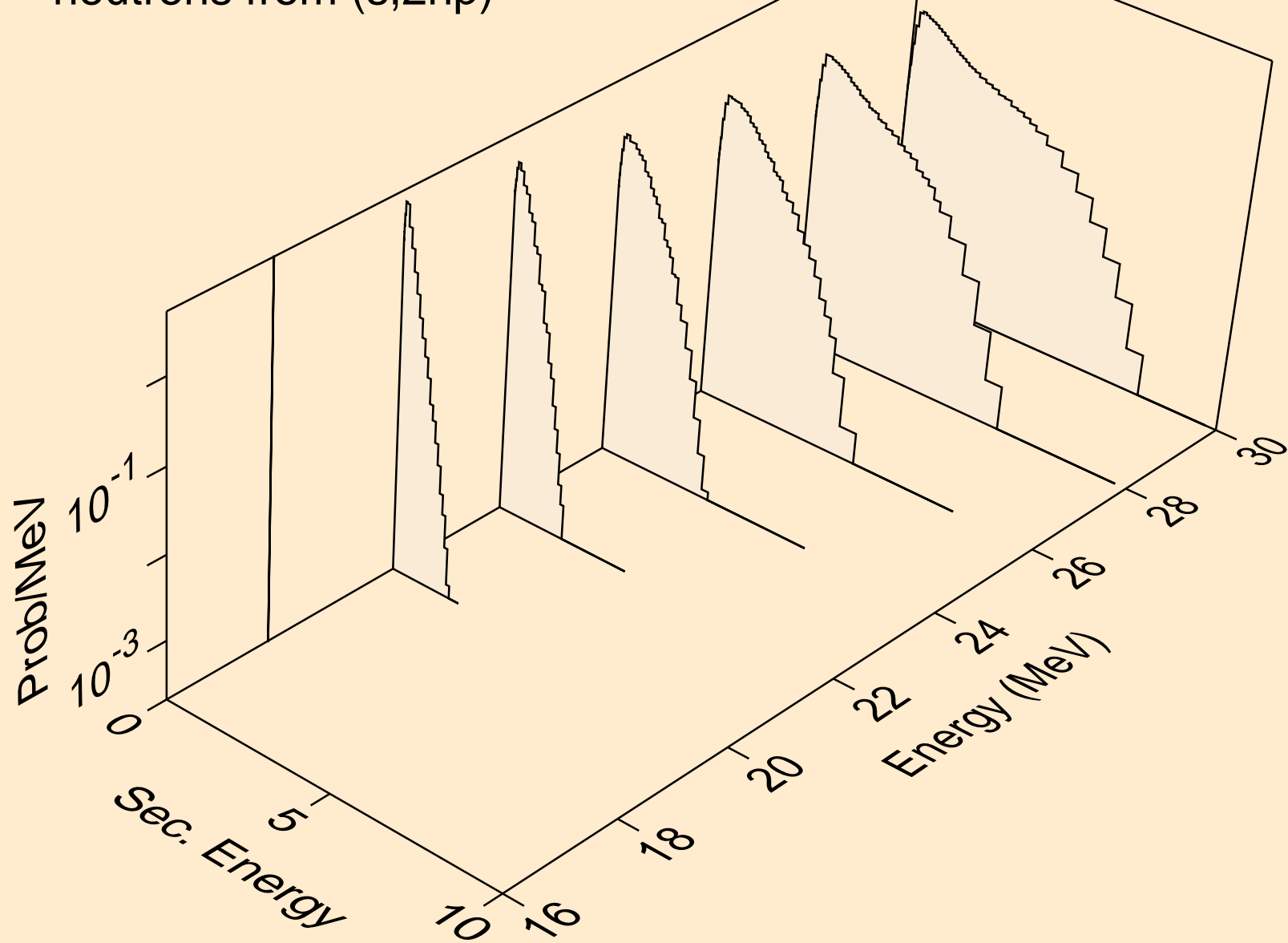
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neutrons from (s,n\*)t



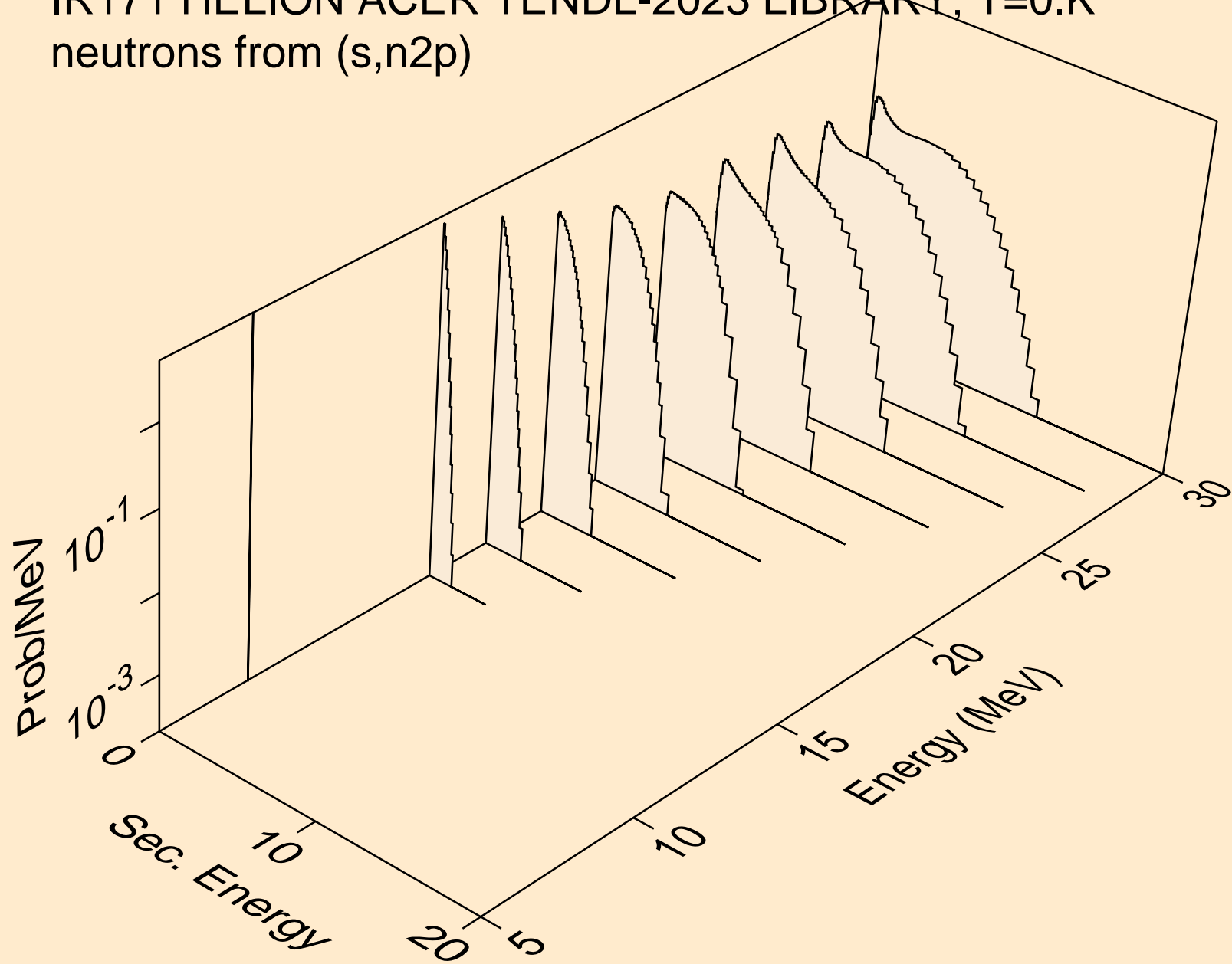
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

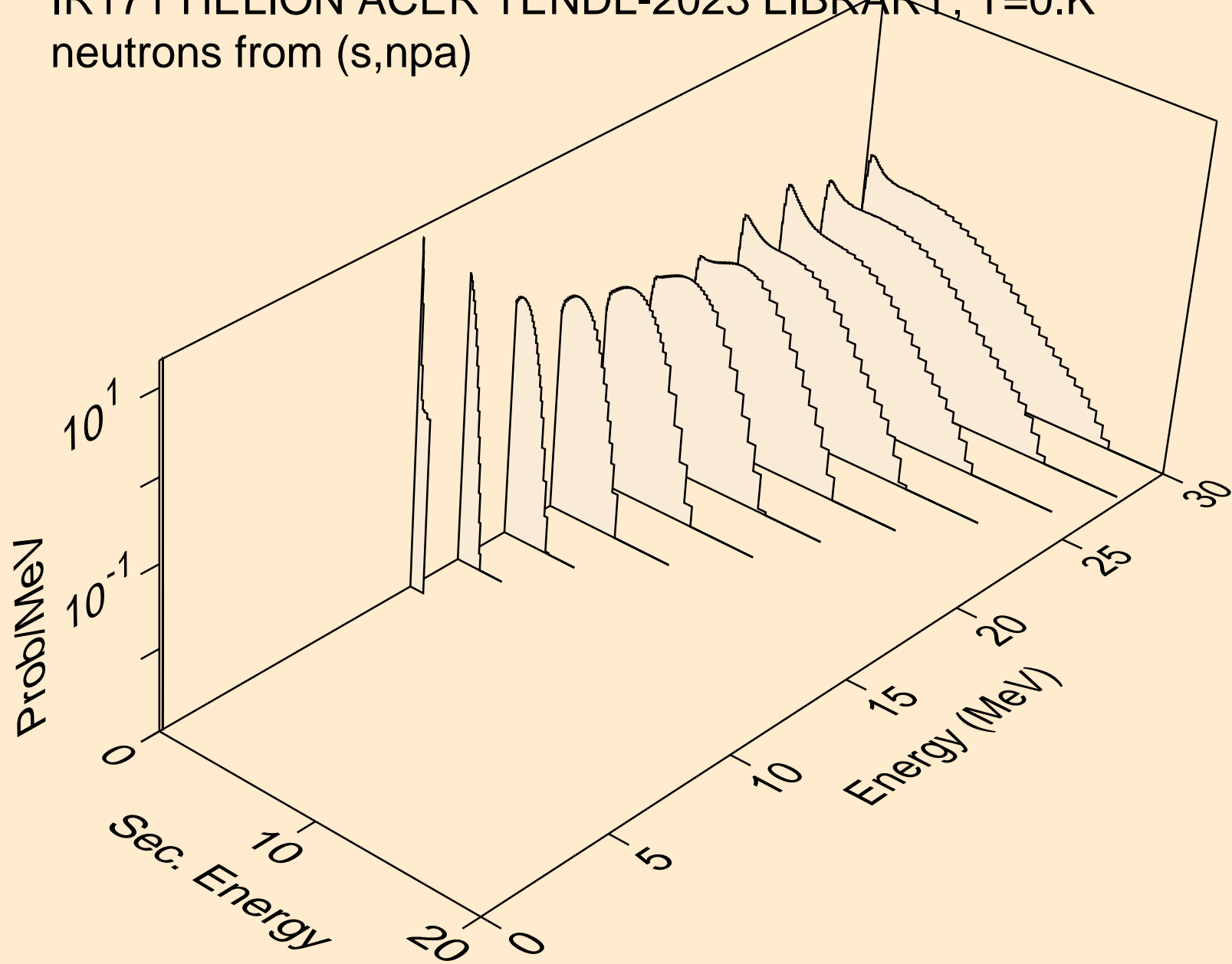


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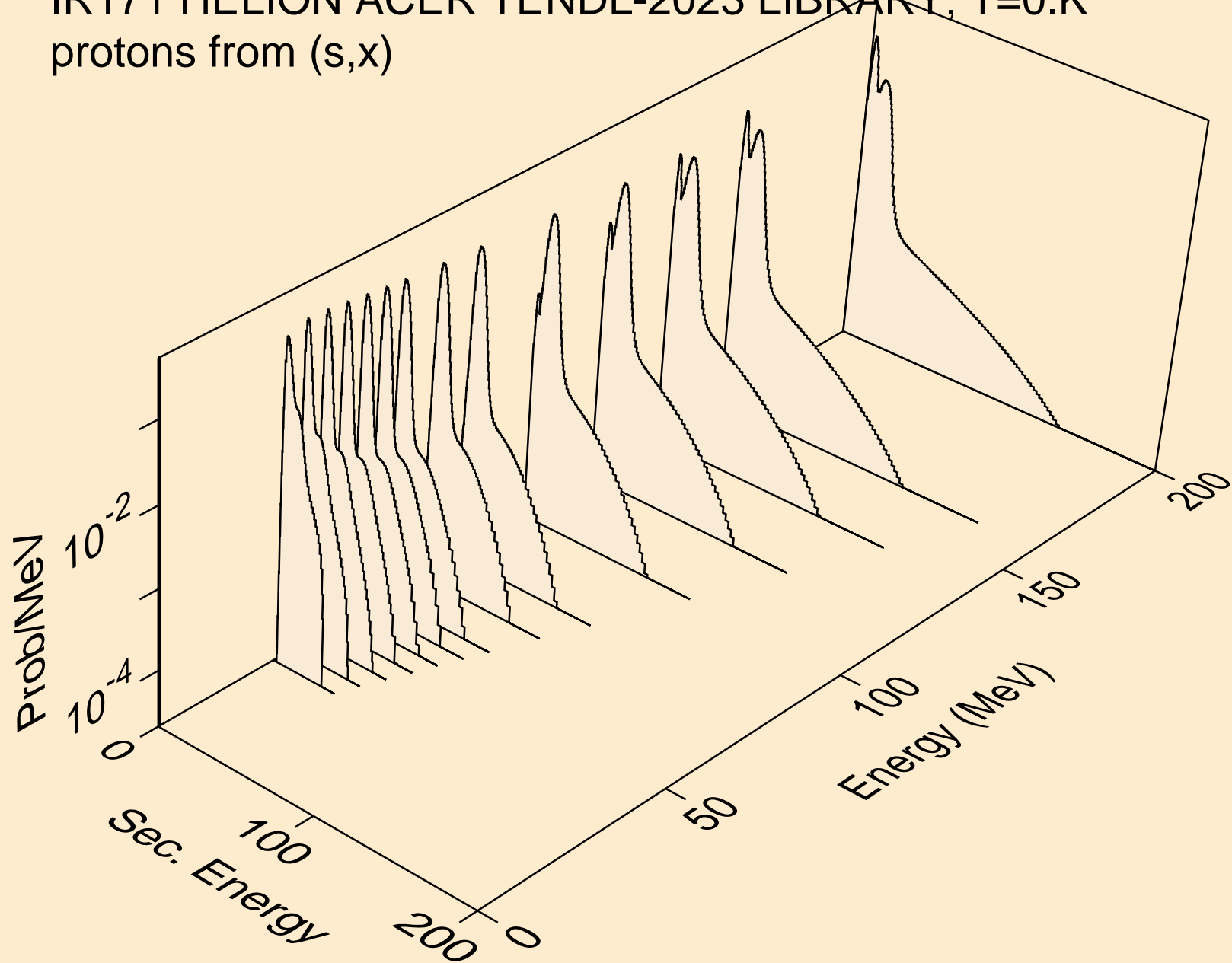




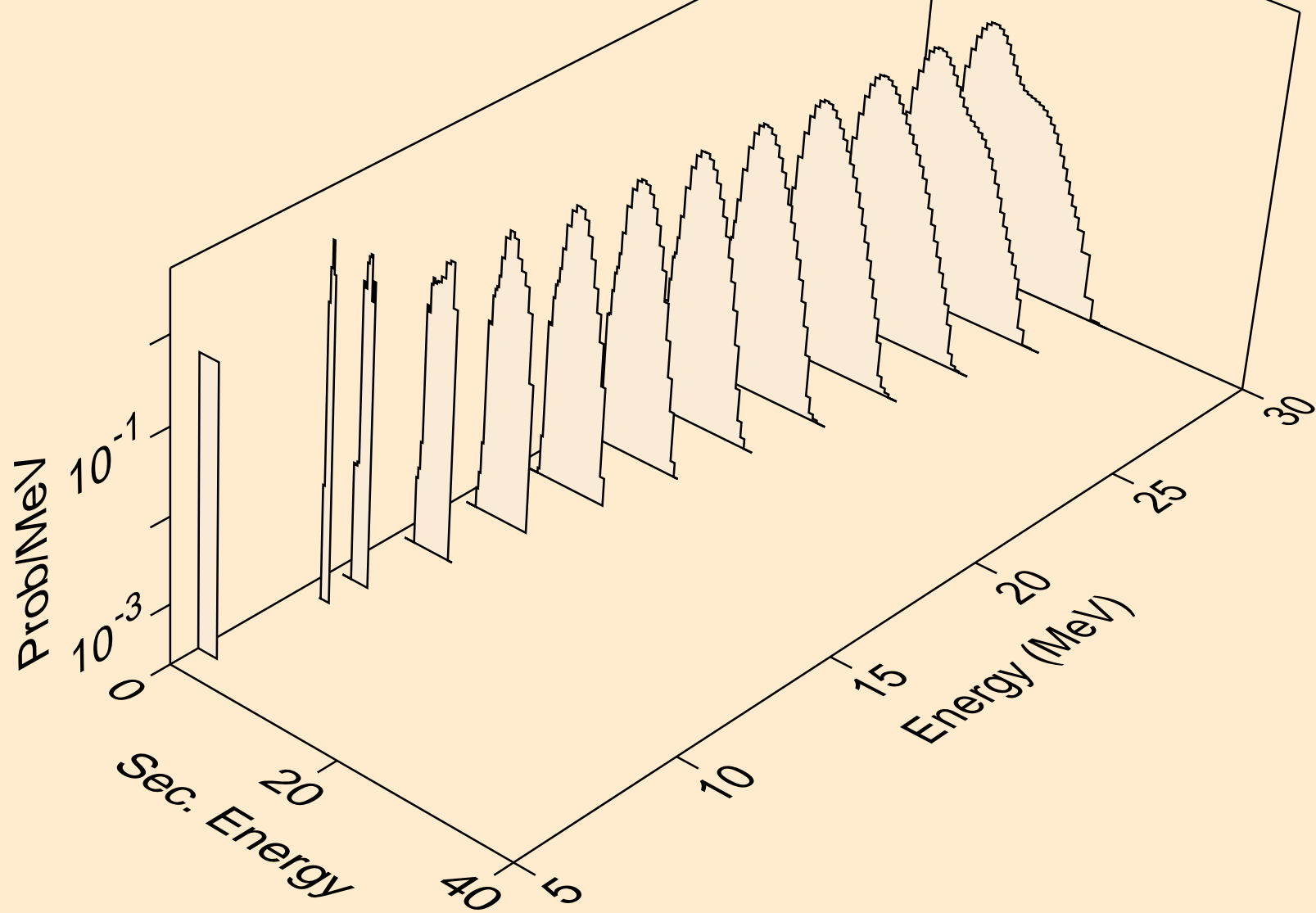
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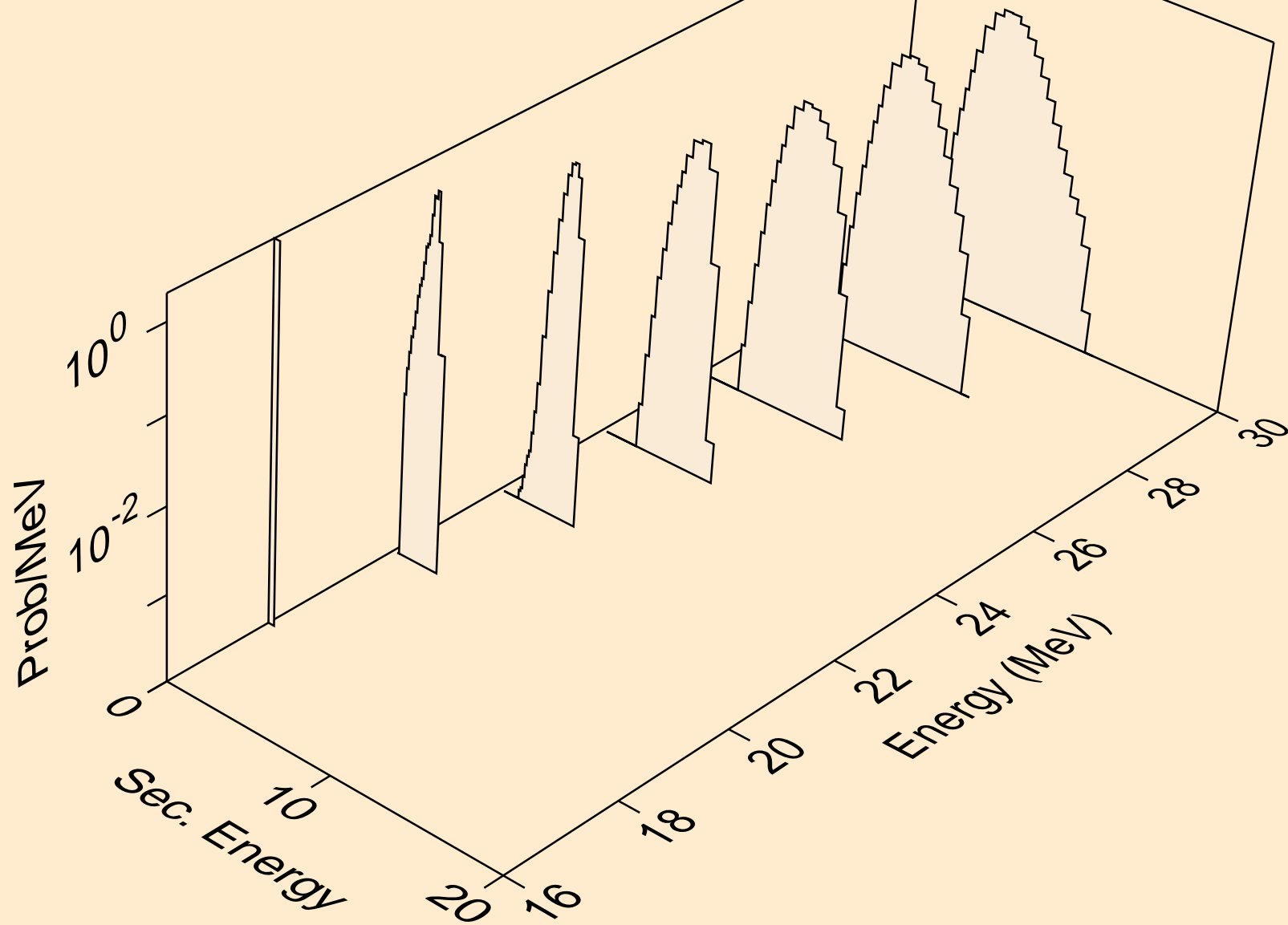
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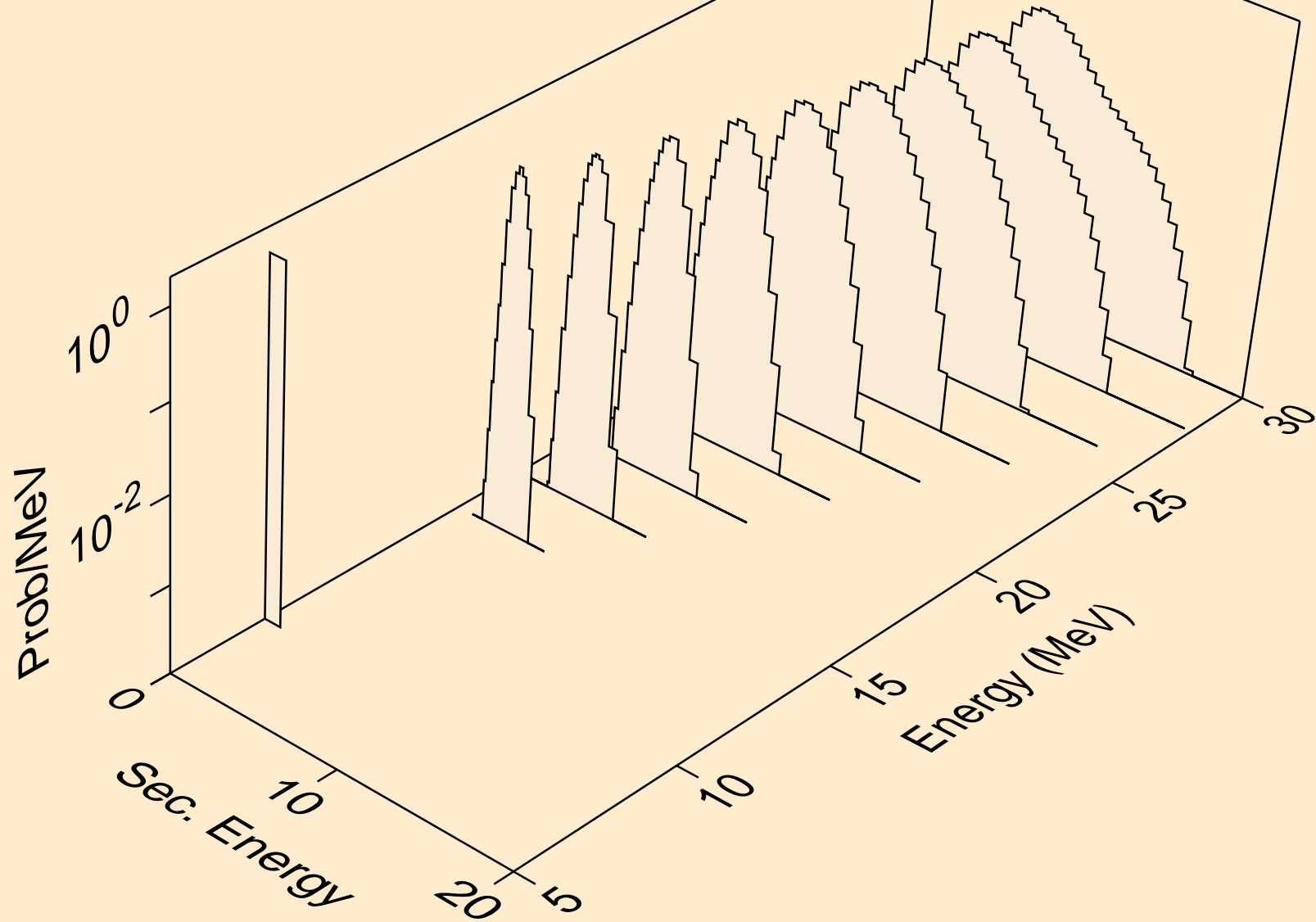
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



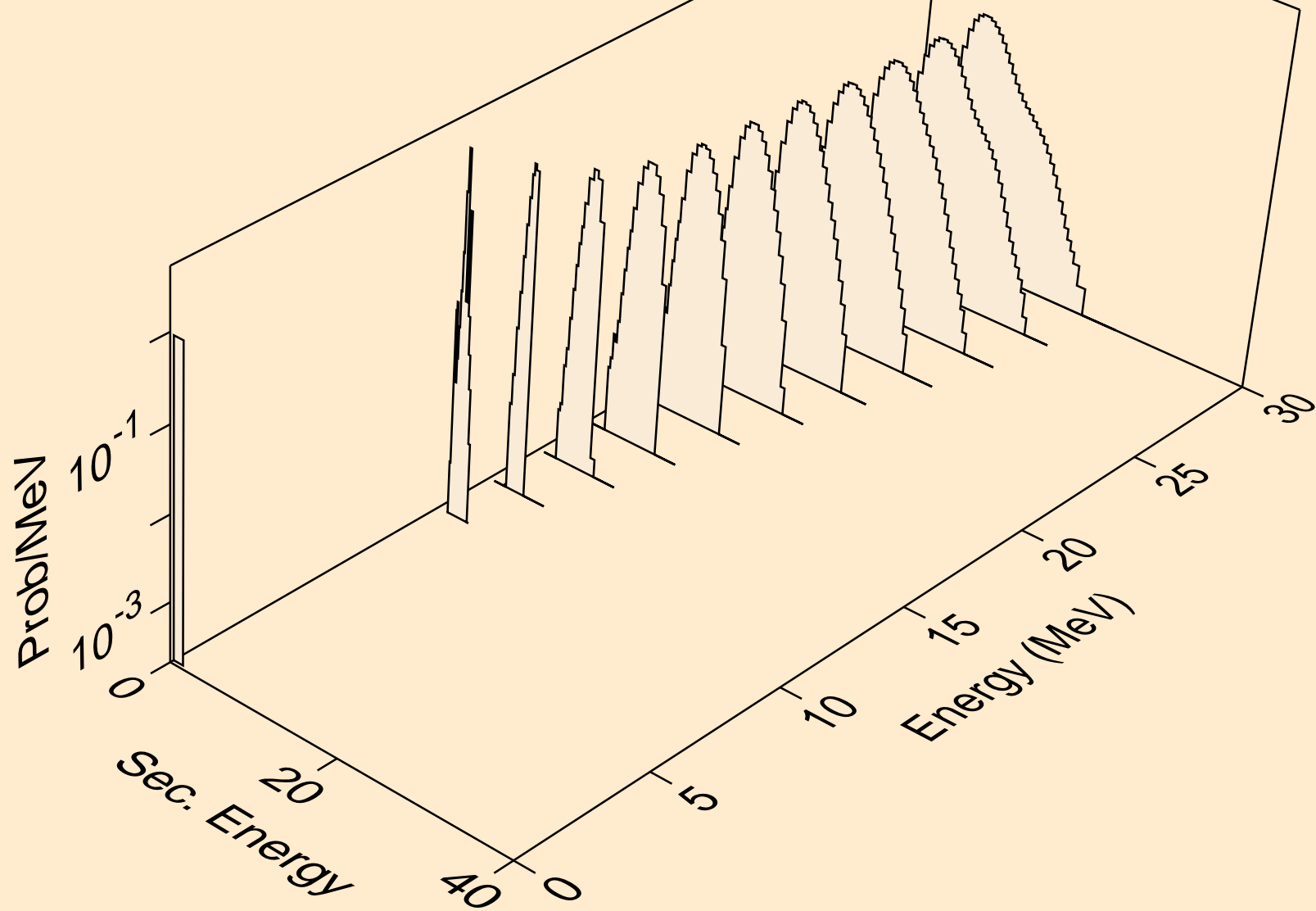
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2np)



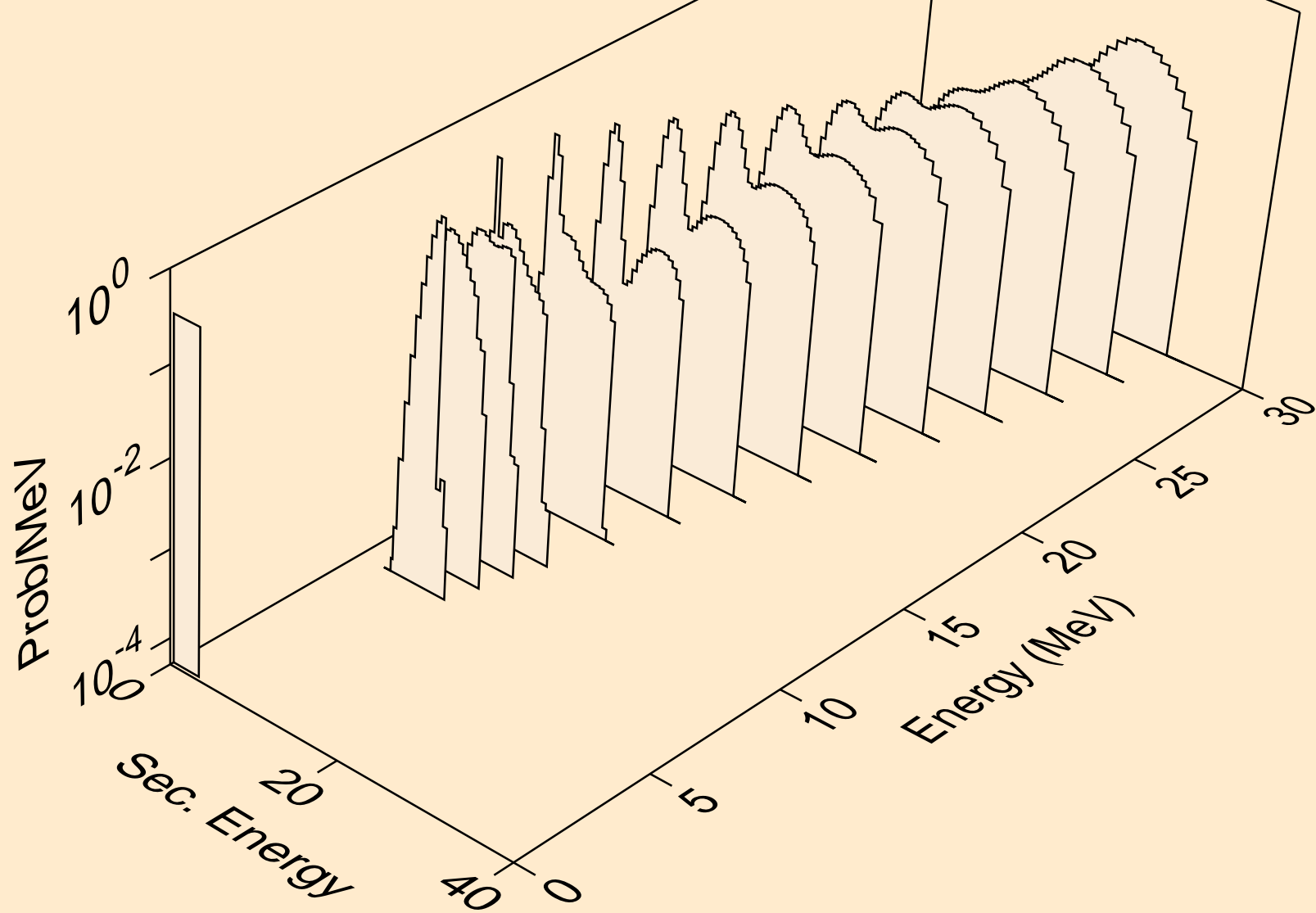
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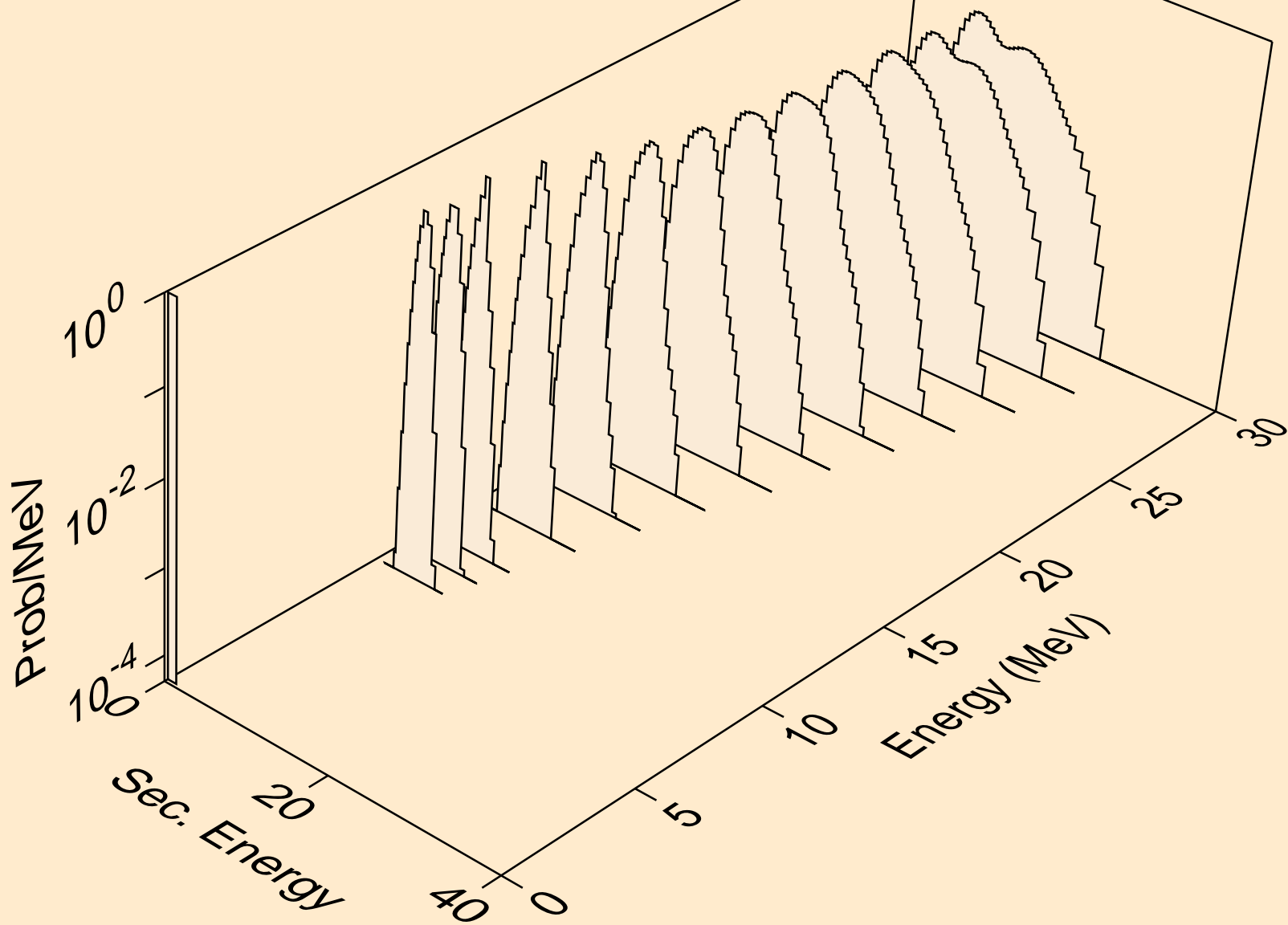
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)

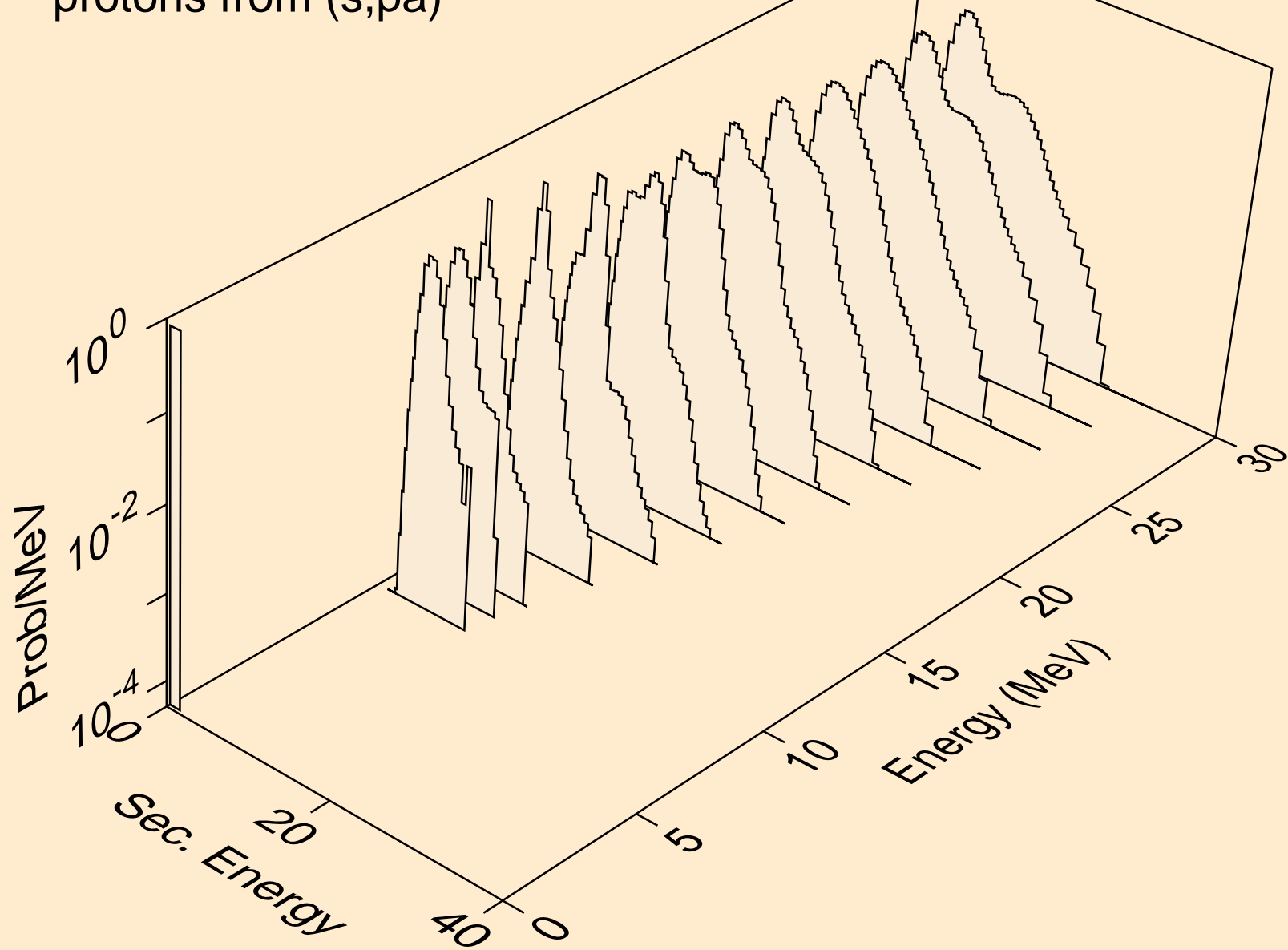


IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)

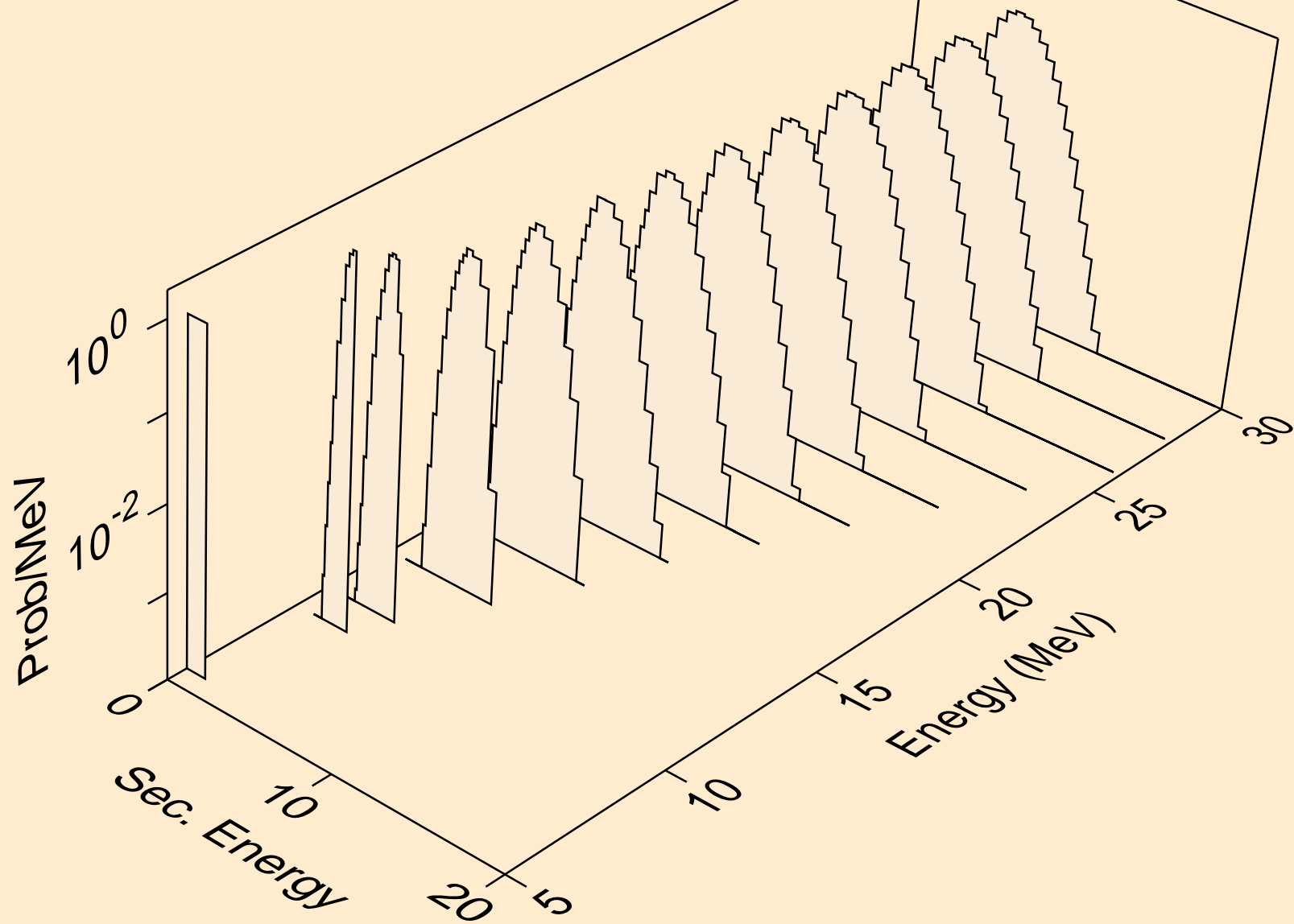




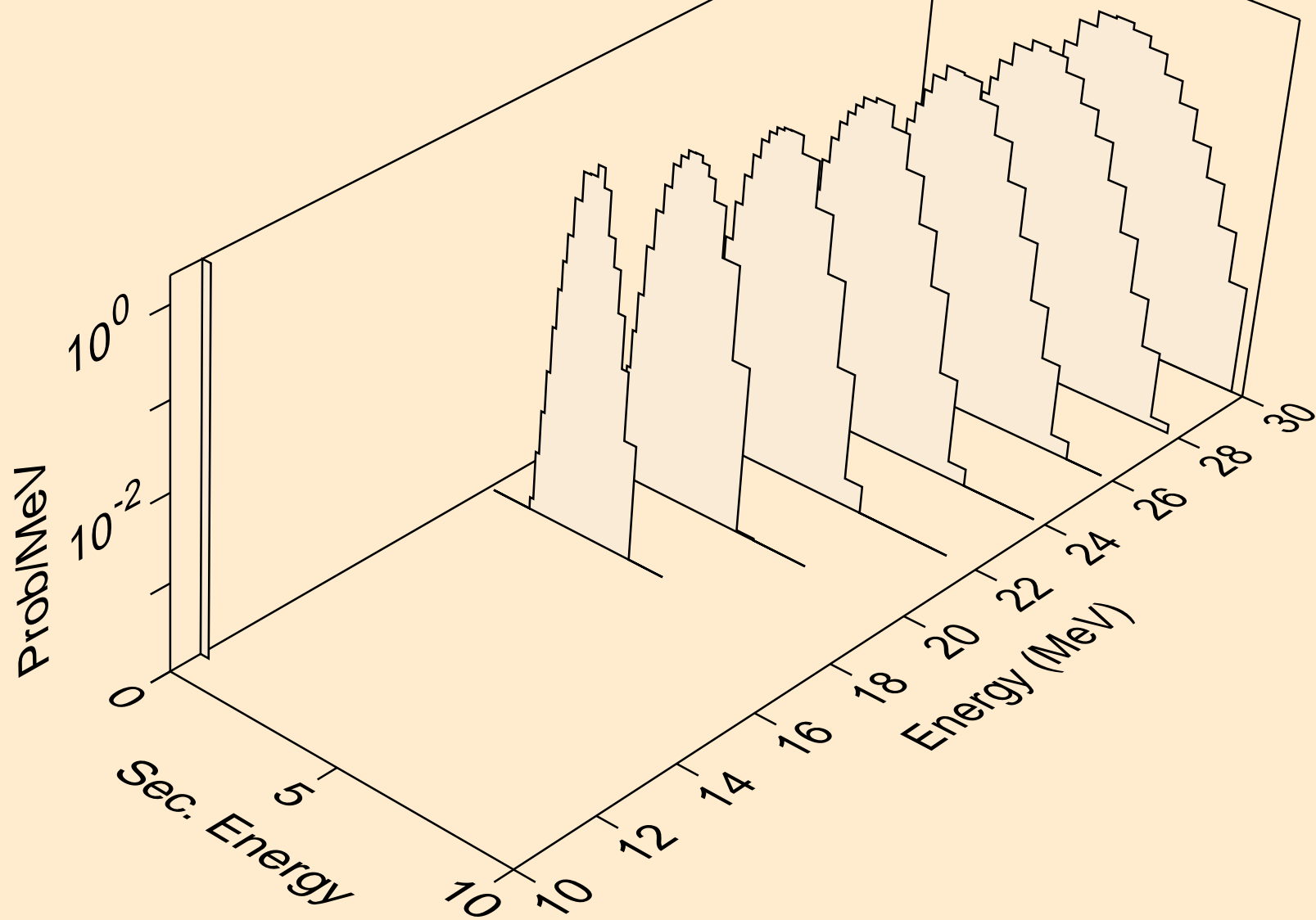
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protons from (s,pa)



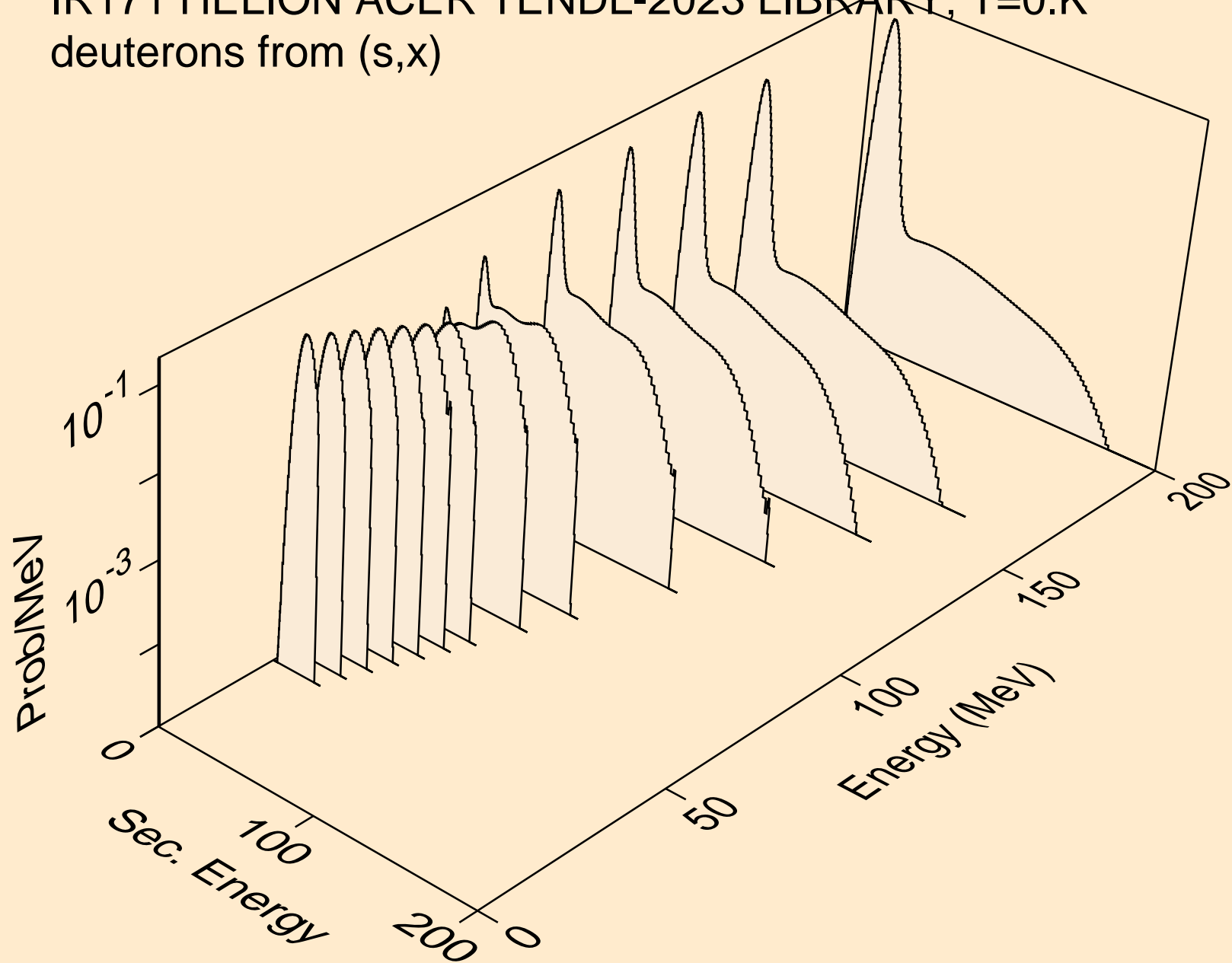
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protons from (s,pd)



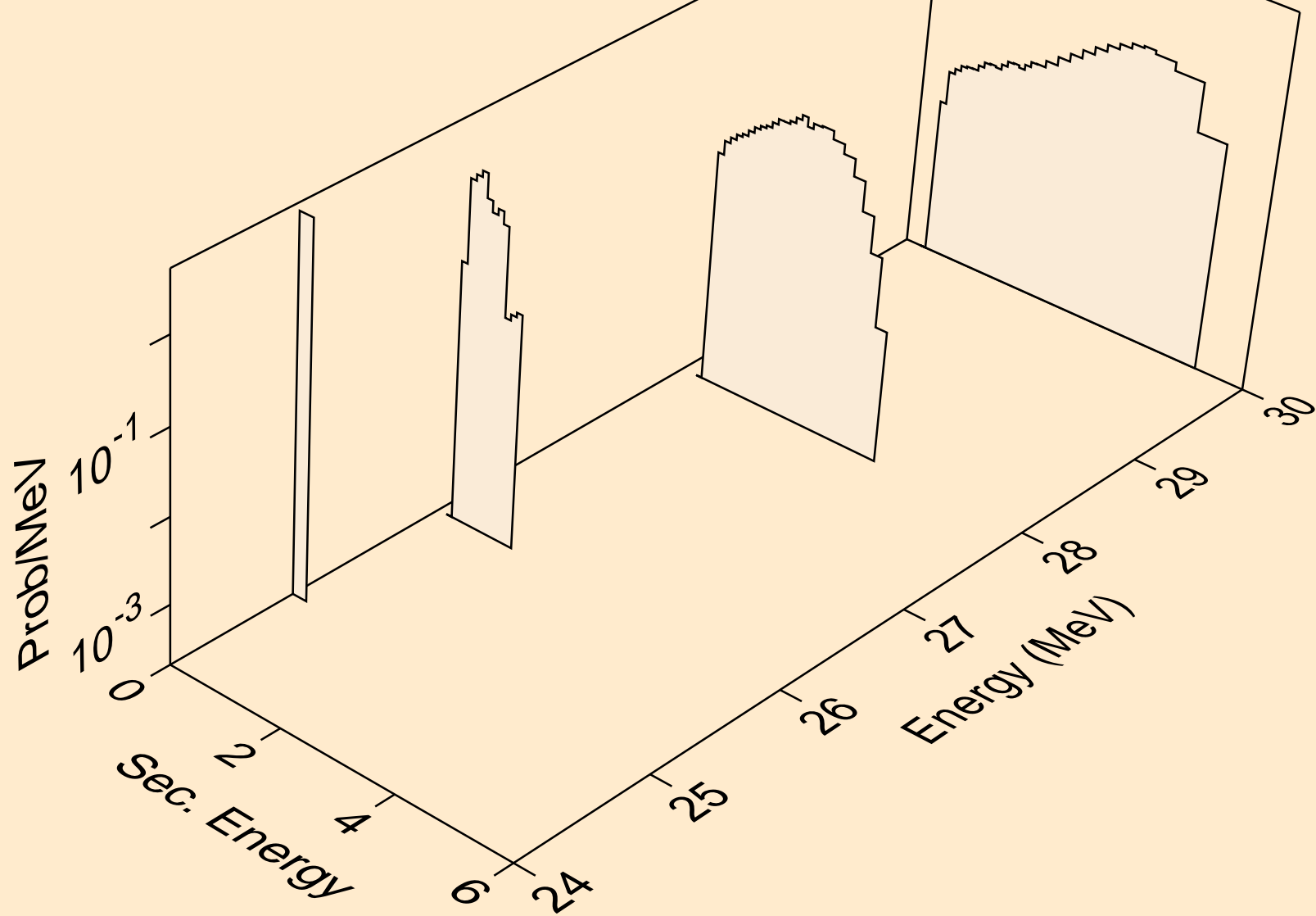
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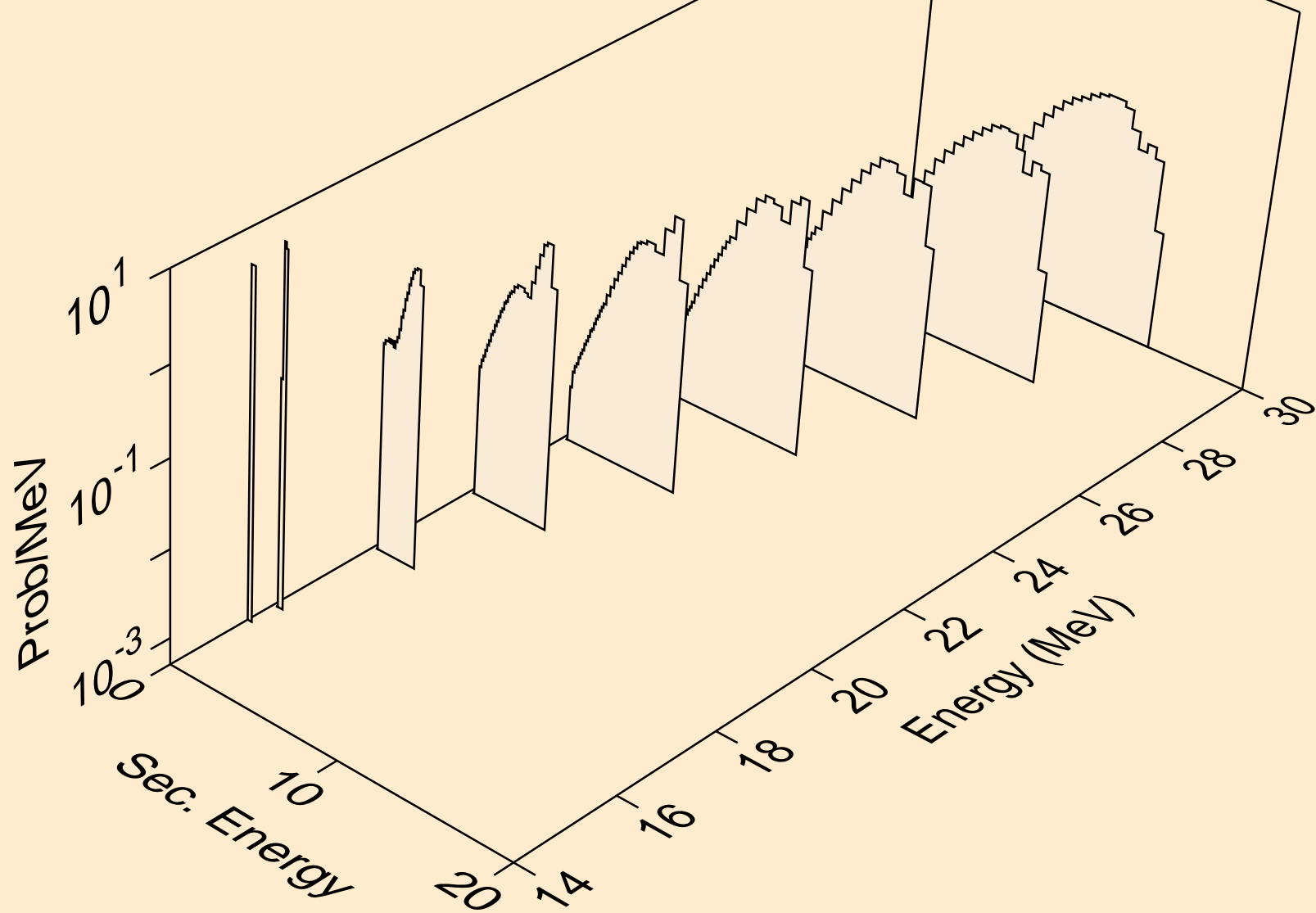
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



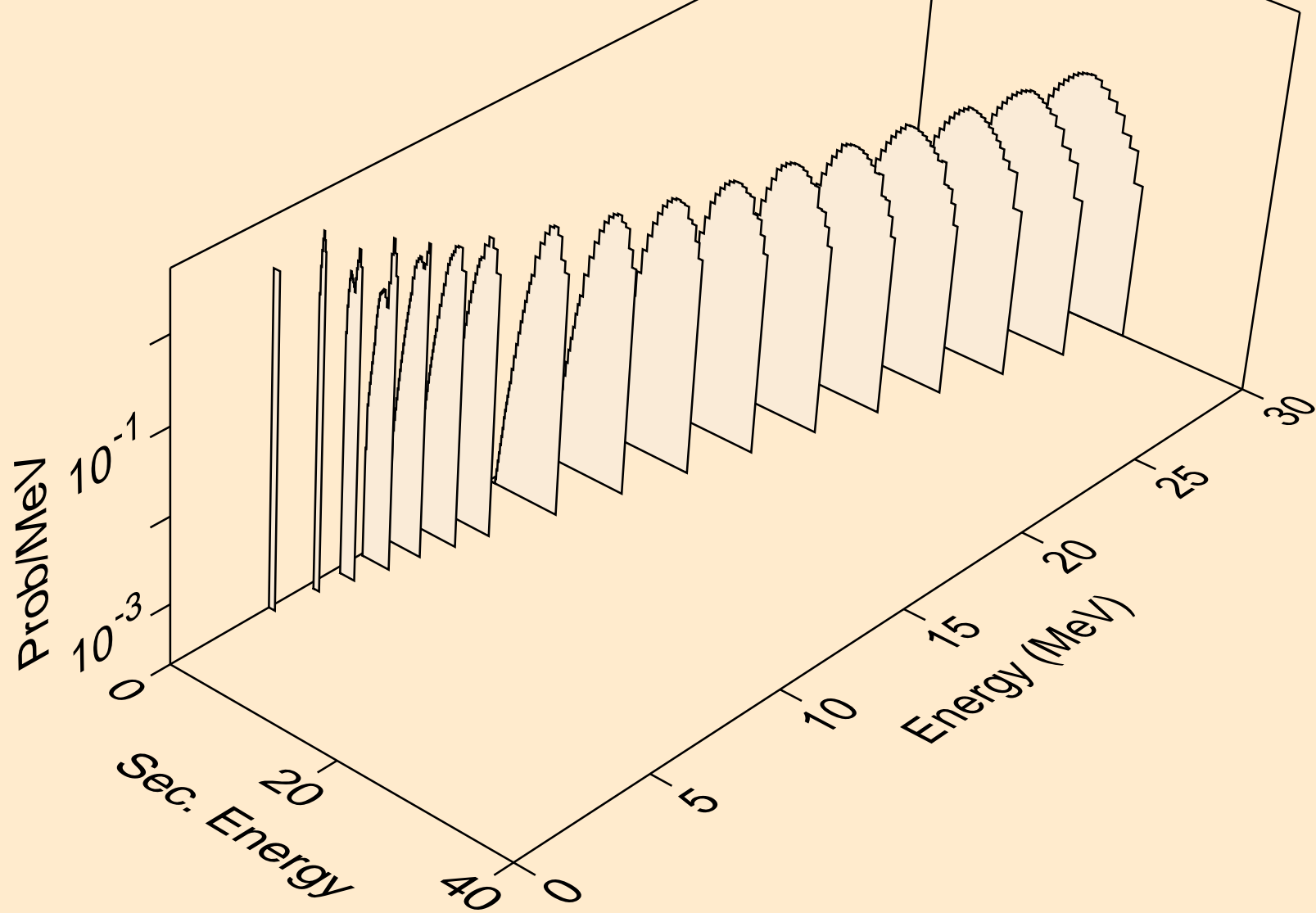
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deuterons from (s,2nd)



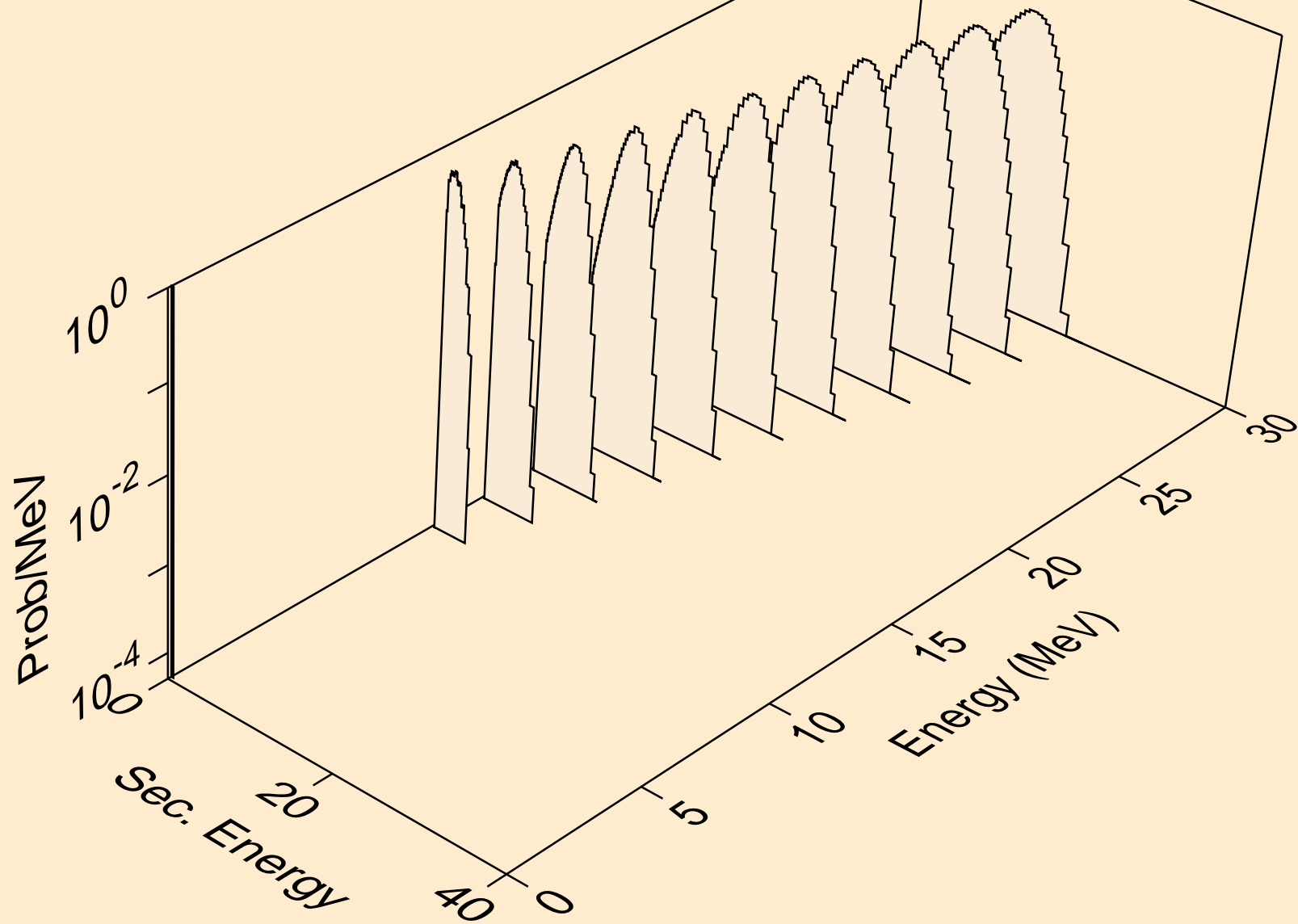
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)

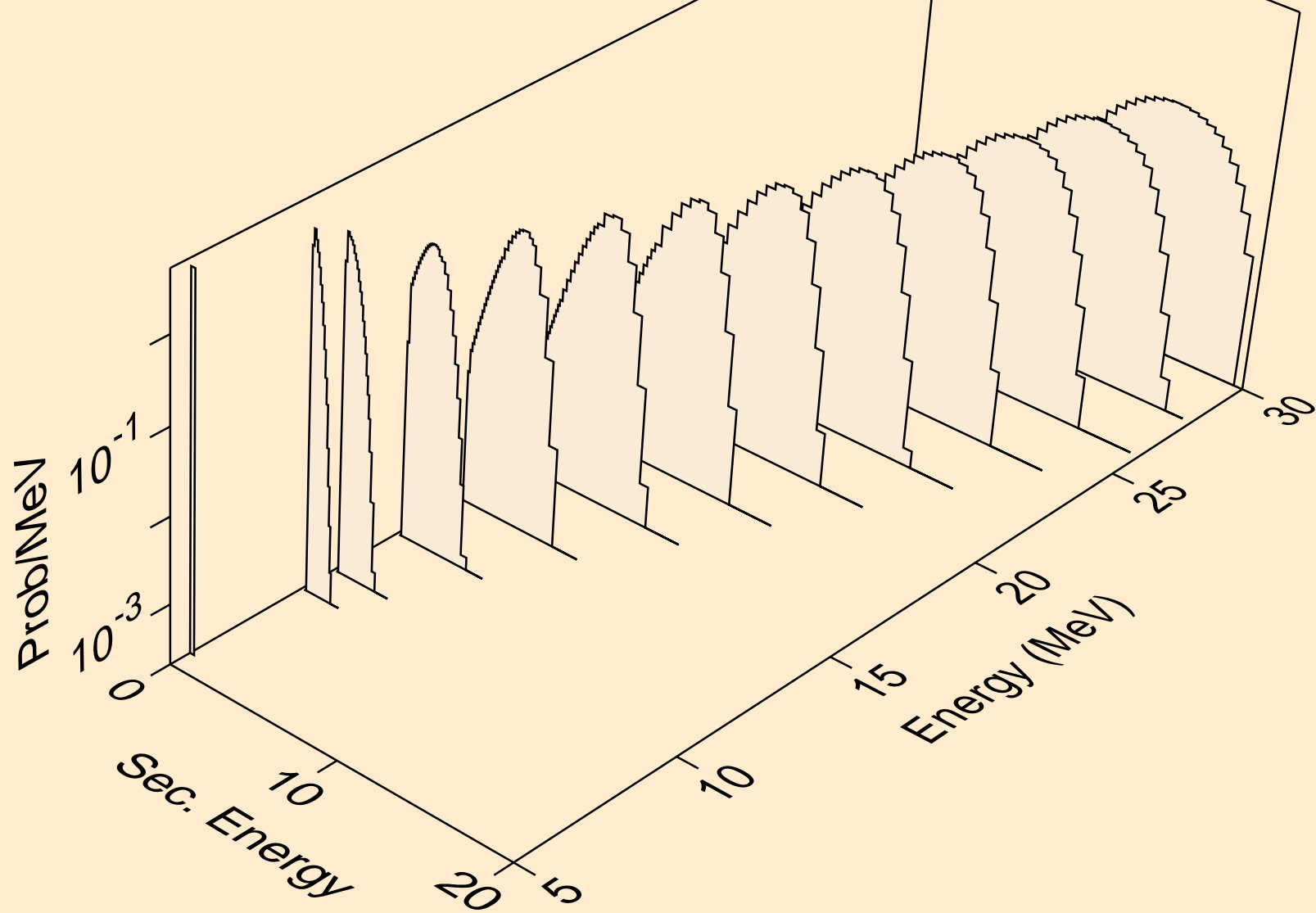


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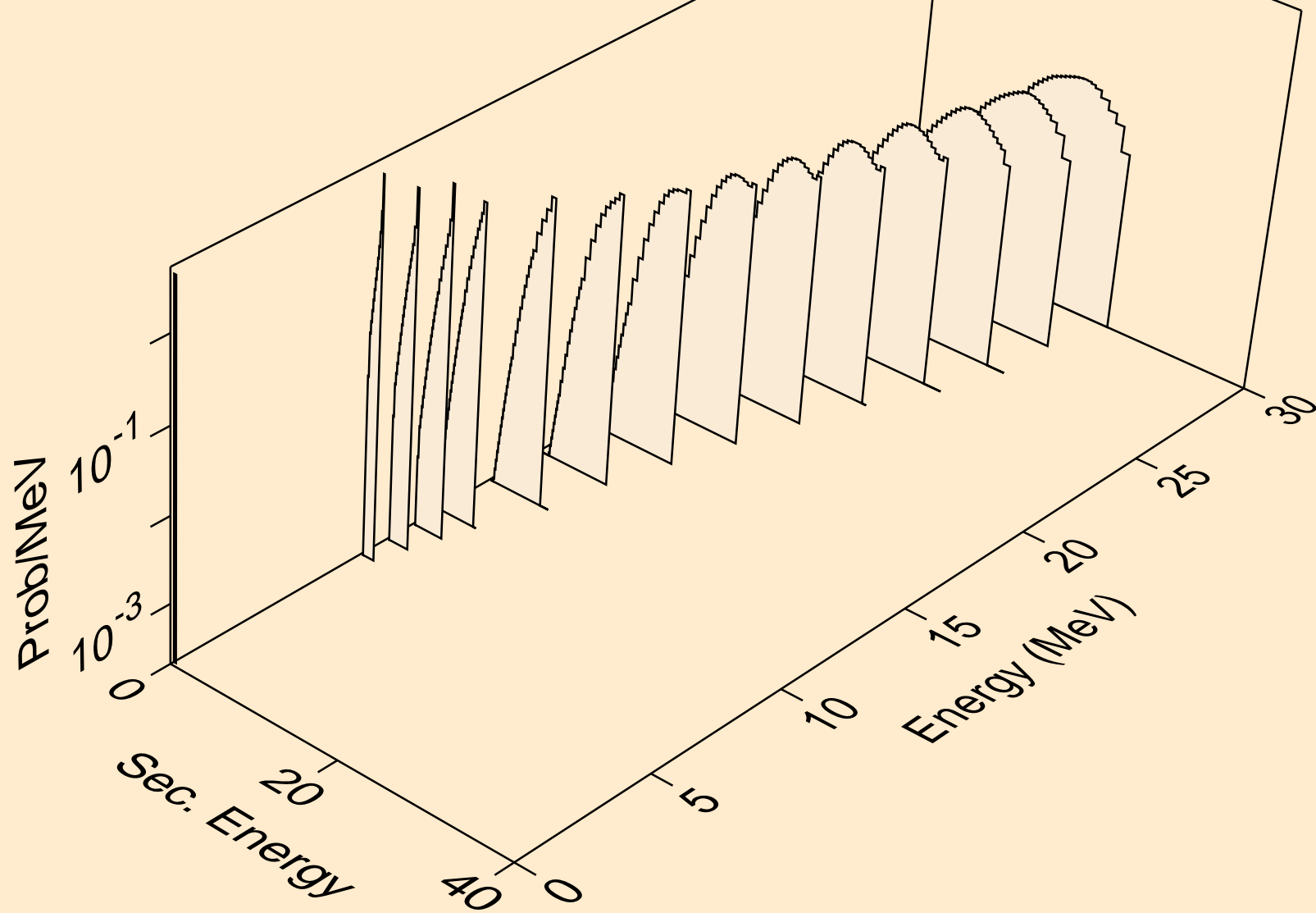




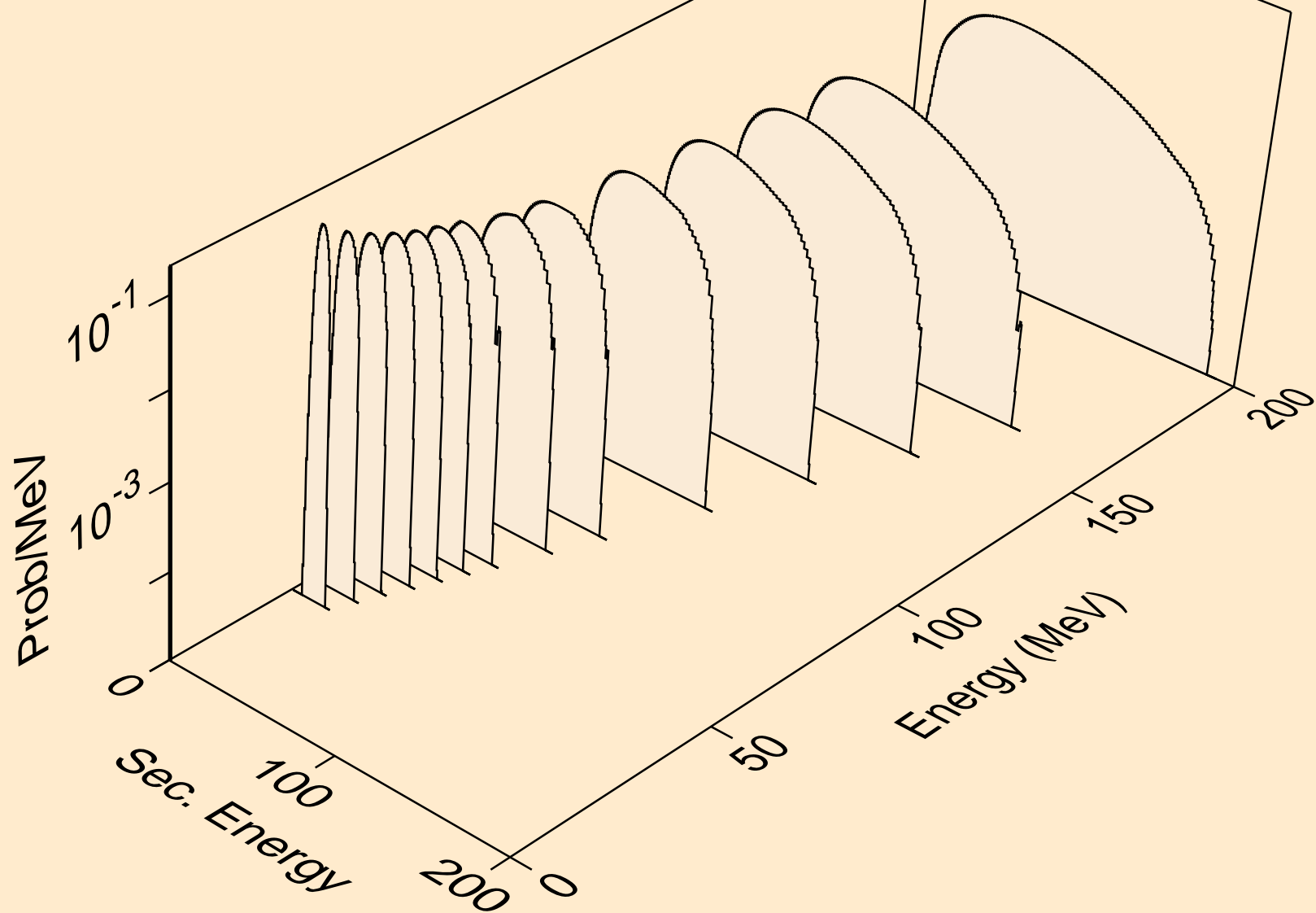
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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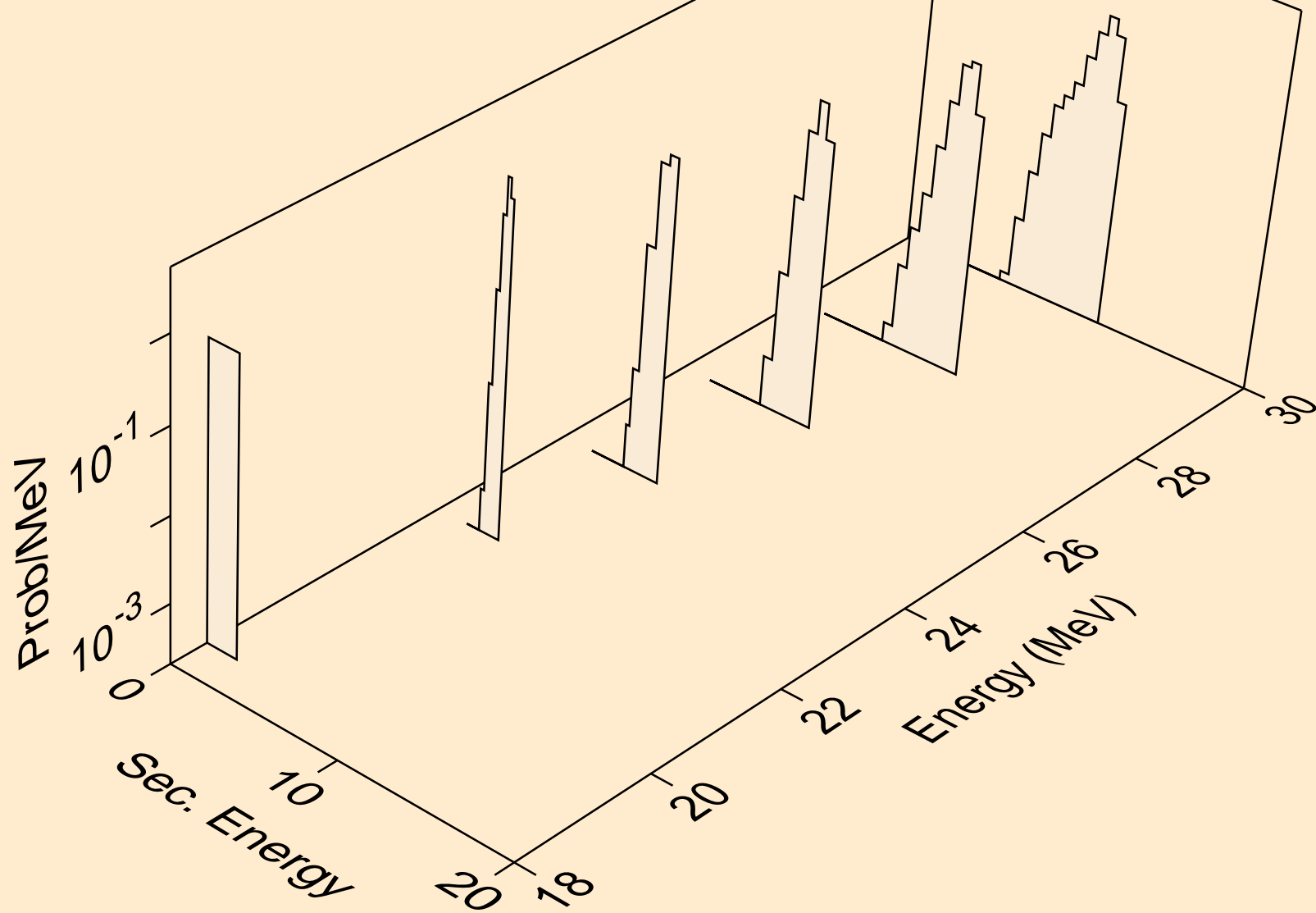
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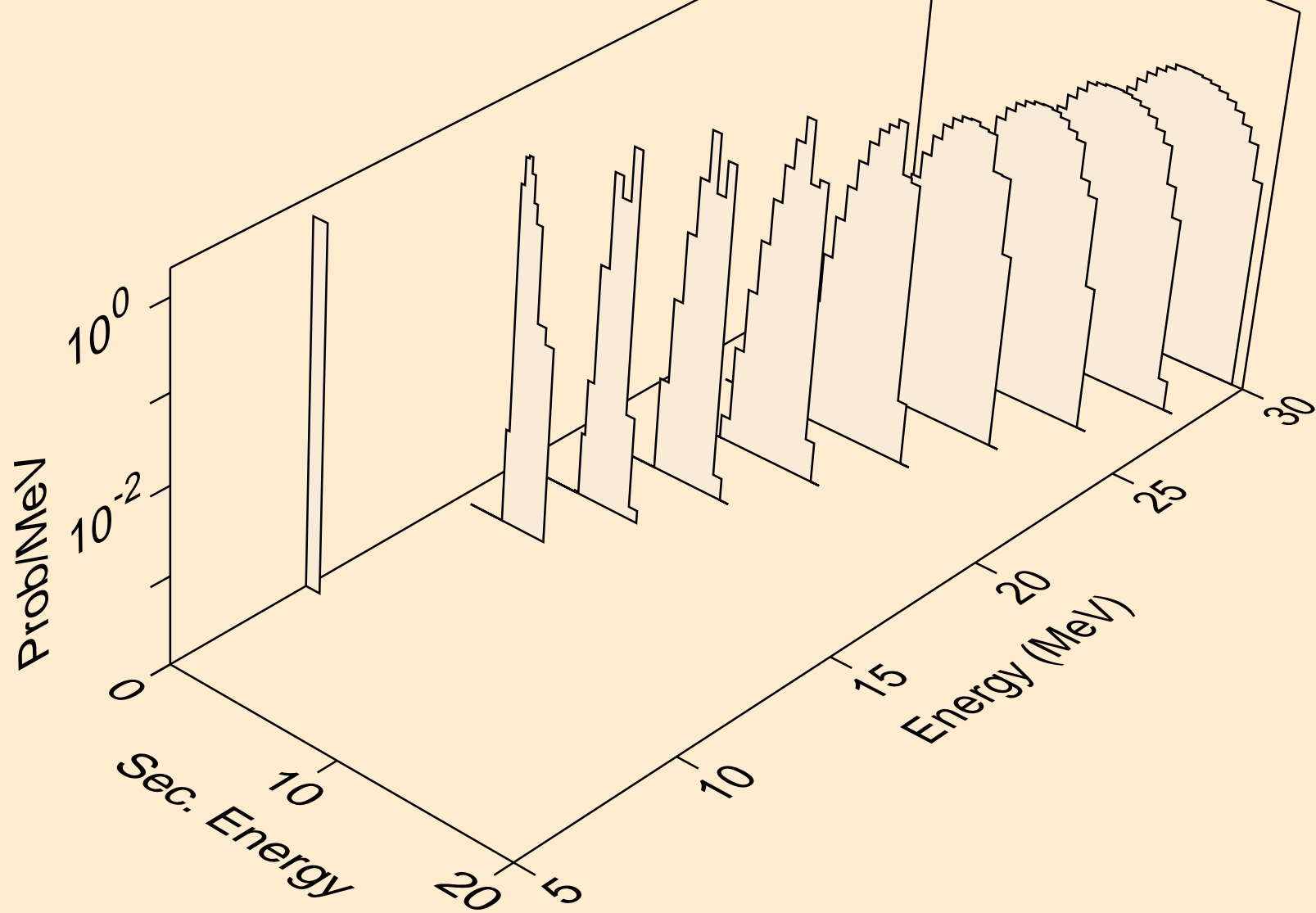
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tritons from (s,x)



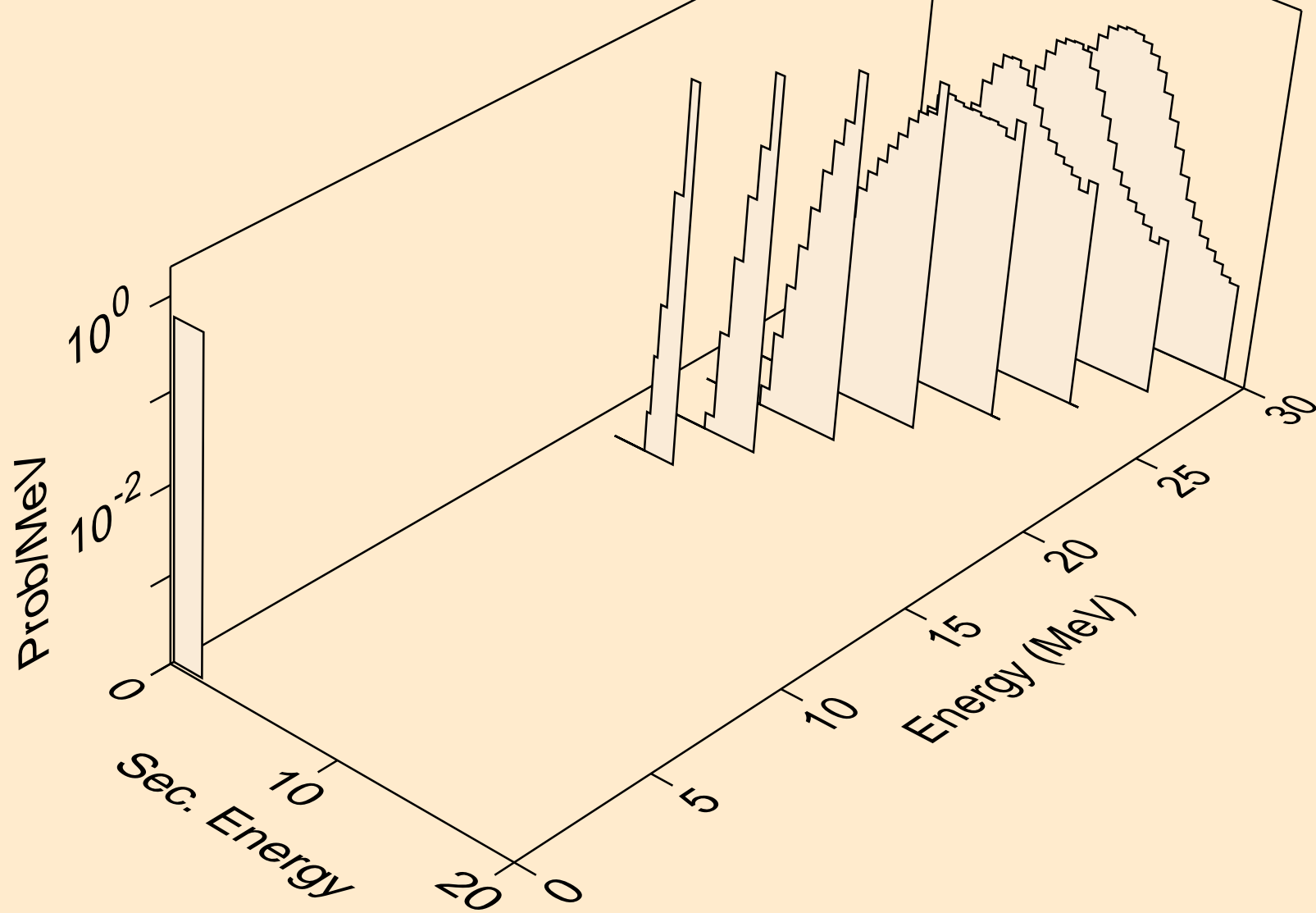
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



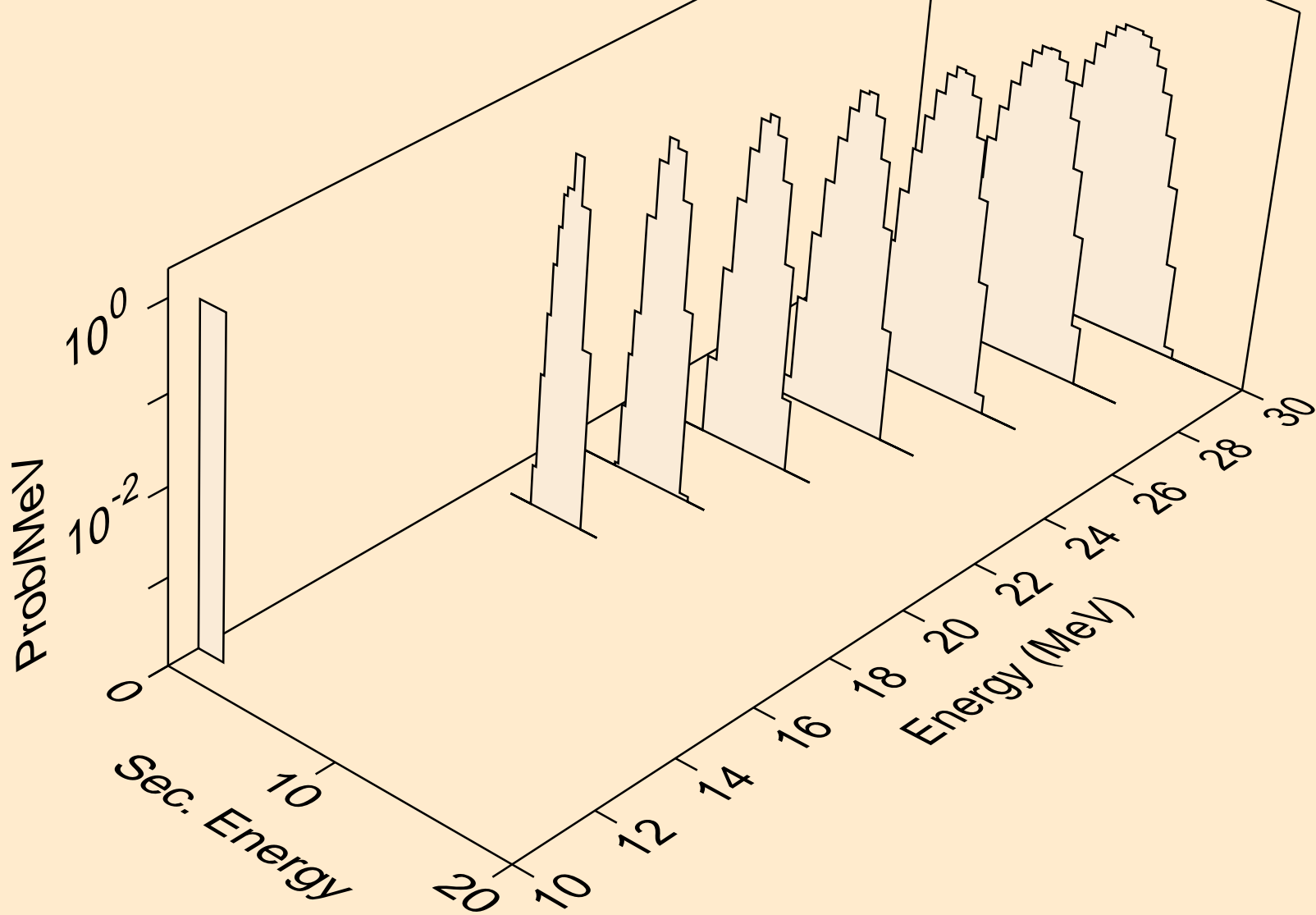
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tritons from (s,t)



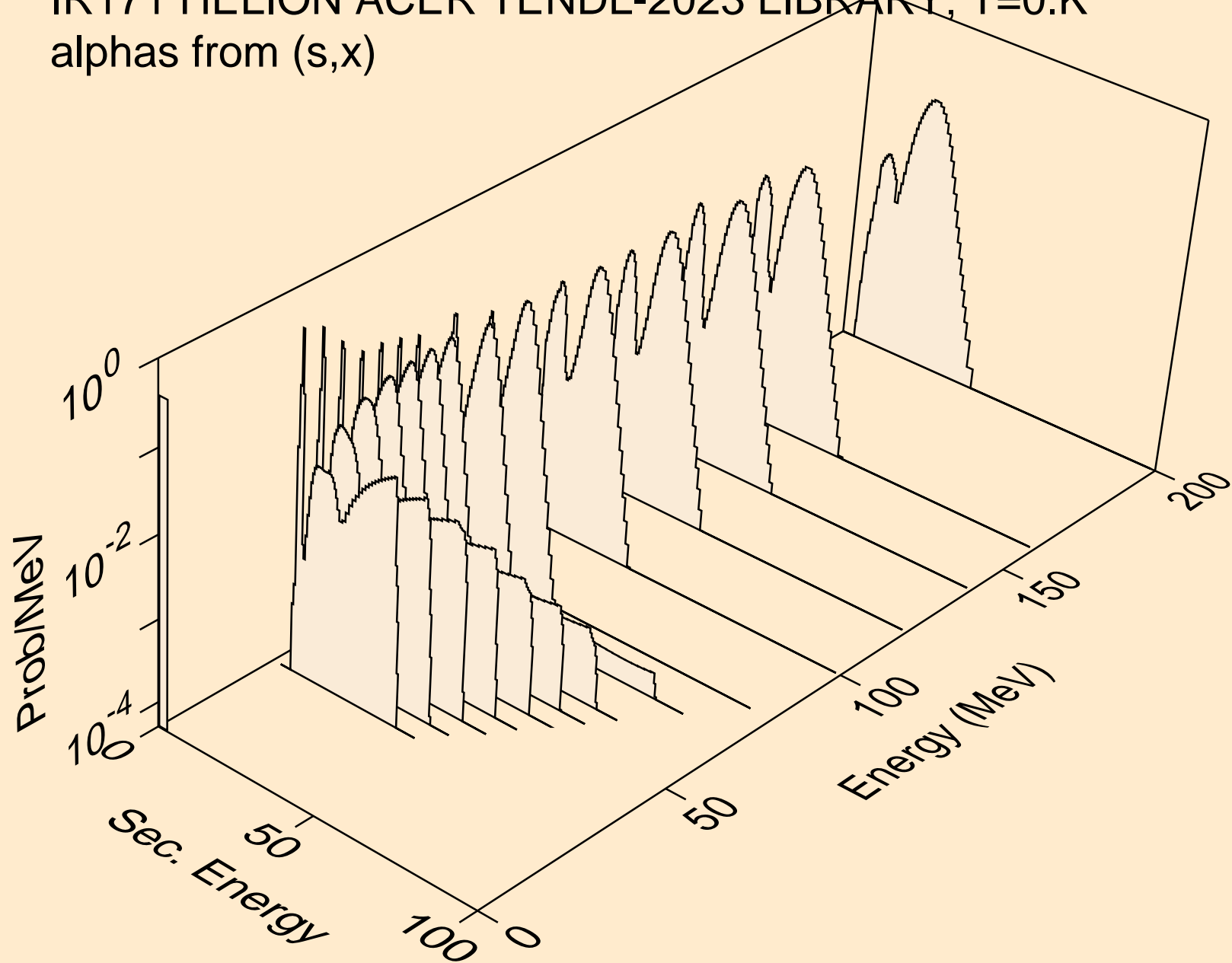
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t2a)



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)

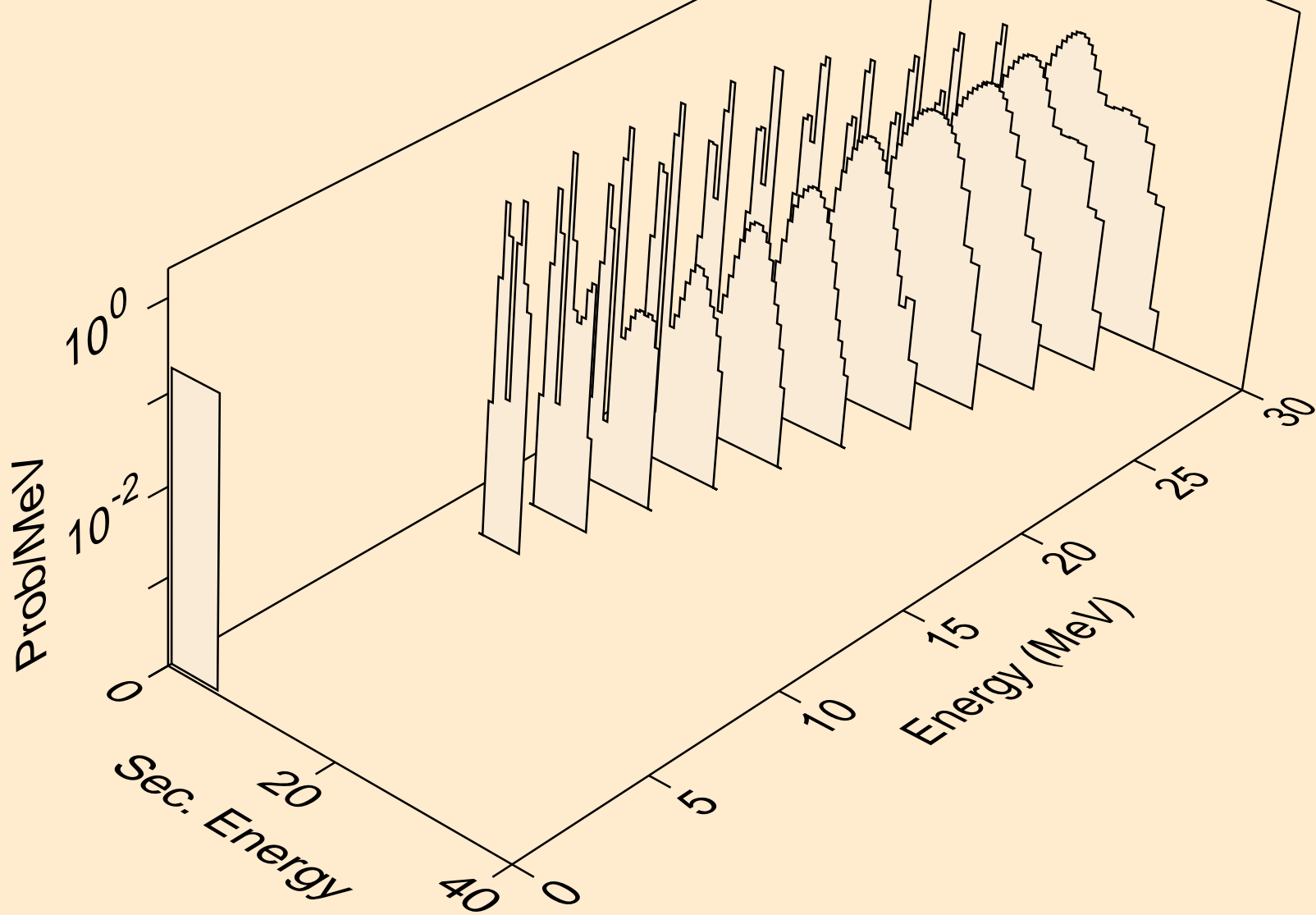


IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)

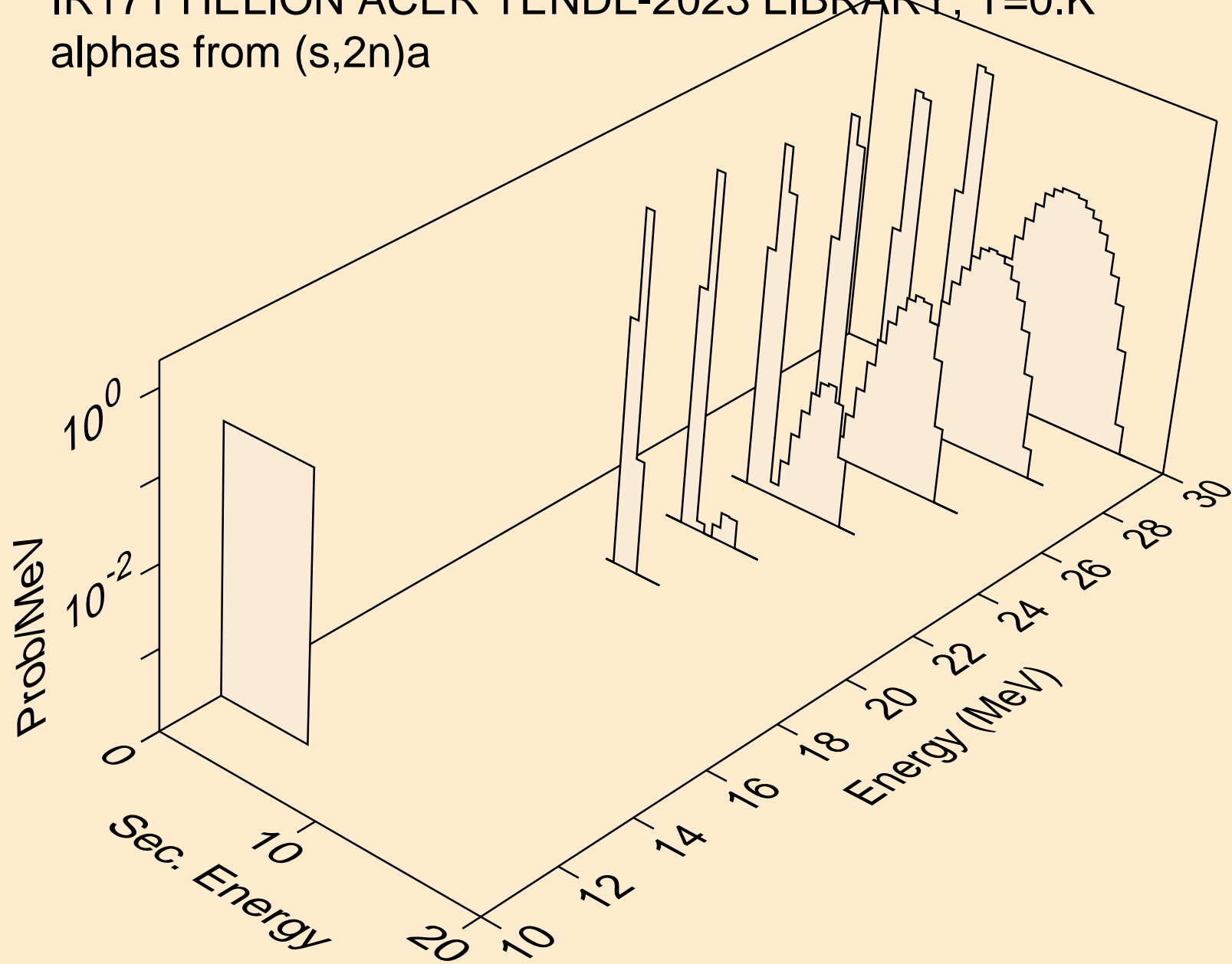




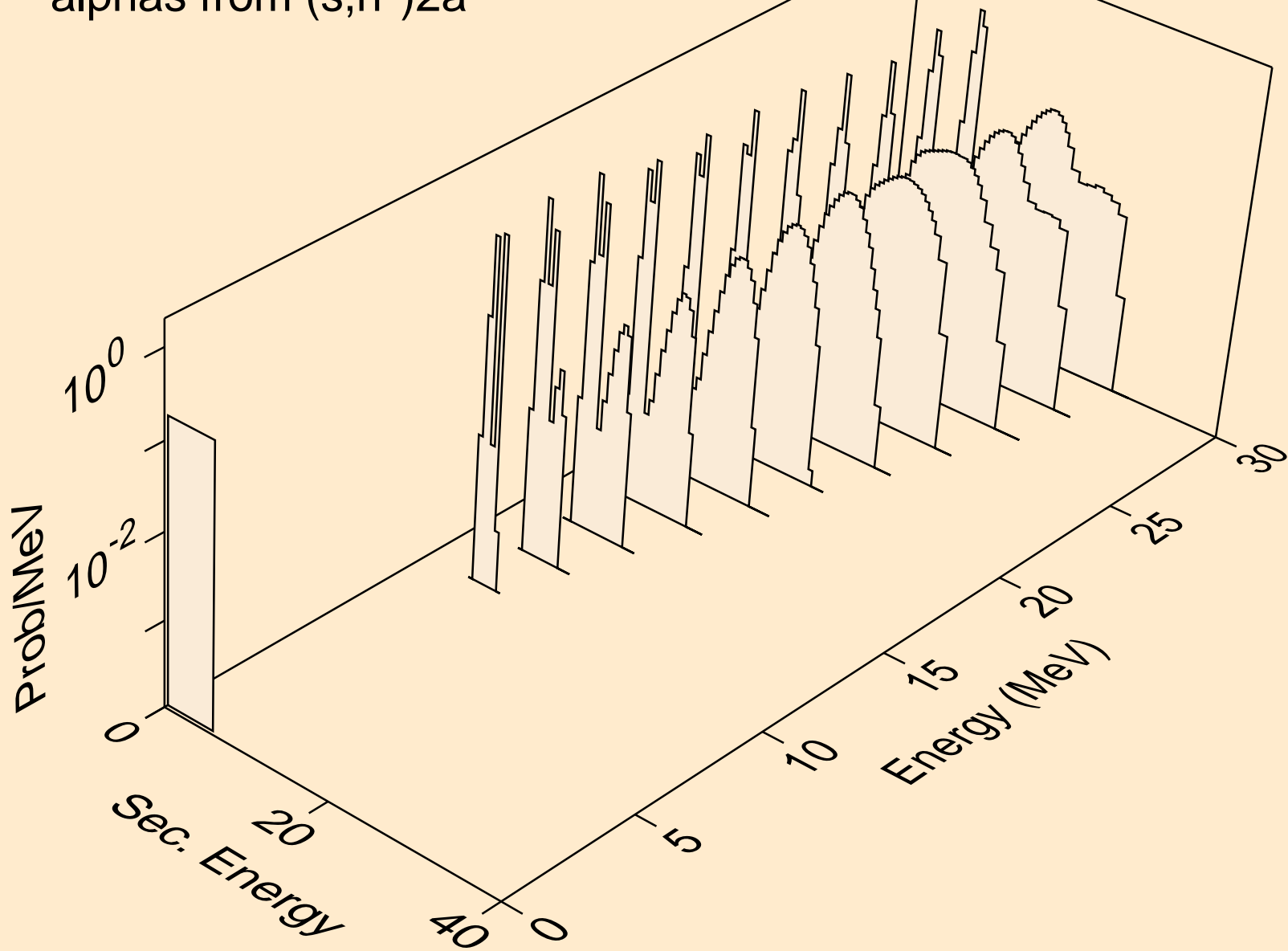
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



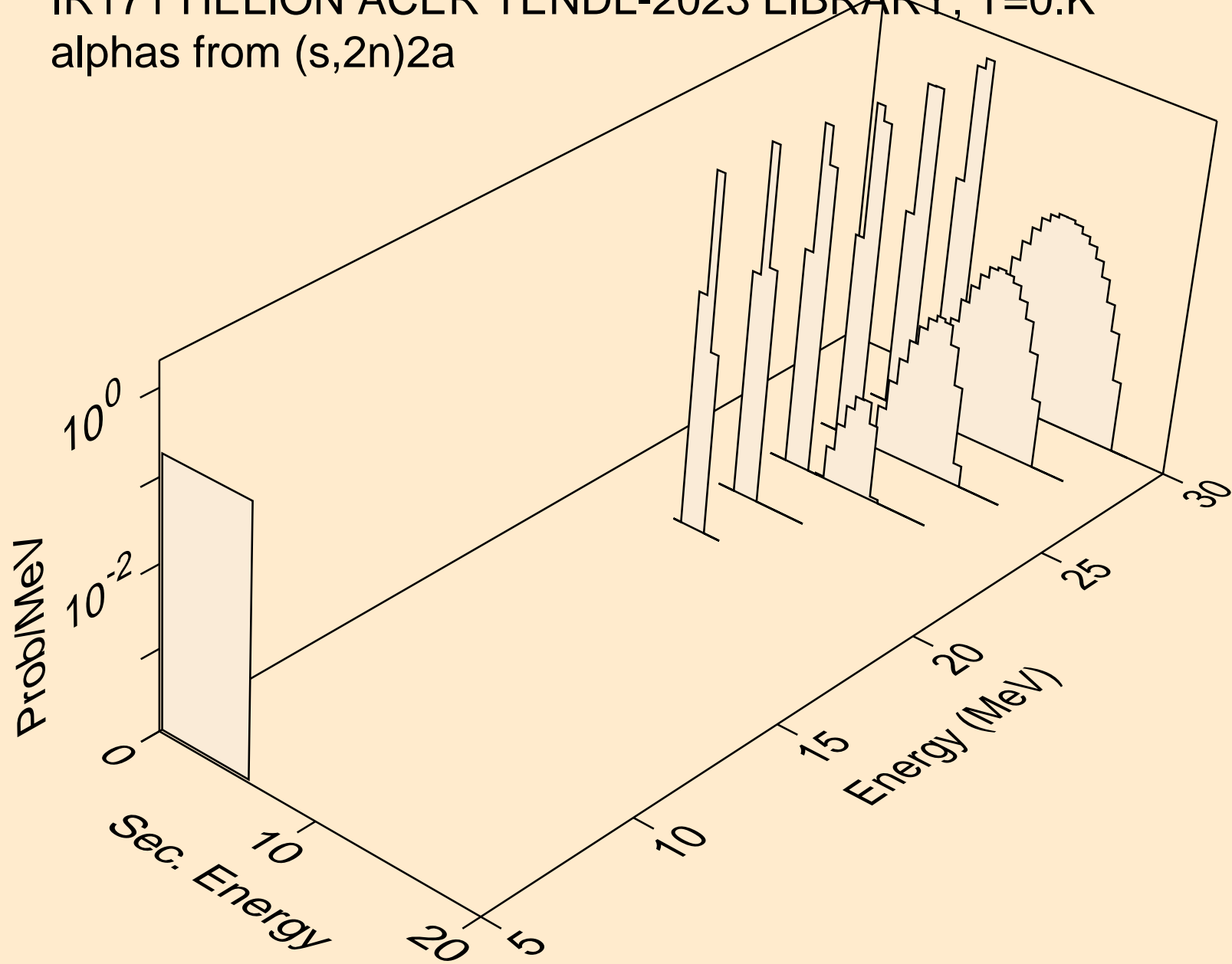
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



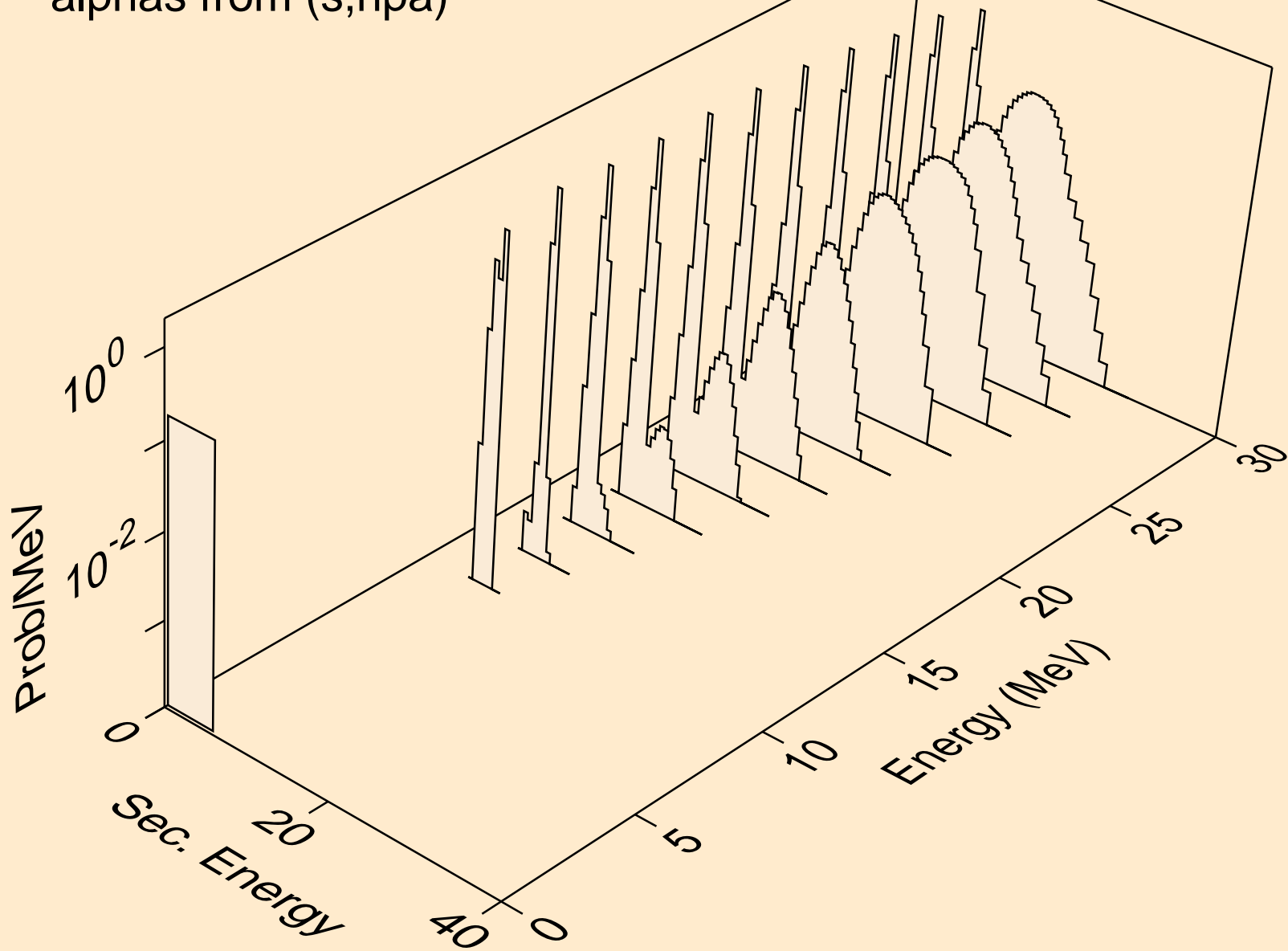
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alphas from (s,n\*)2a



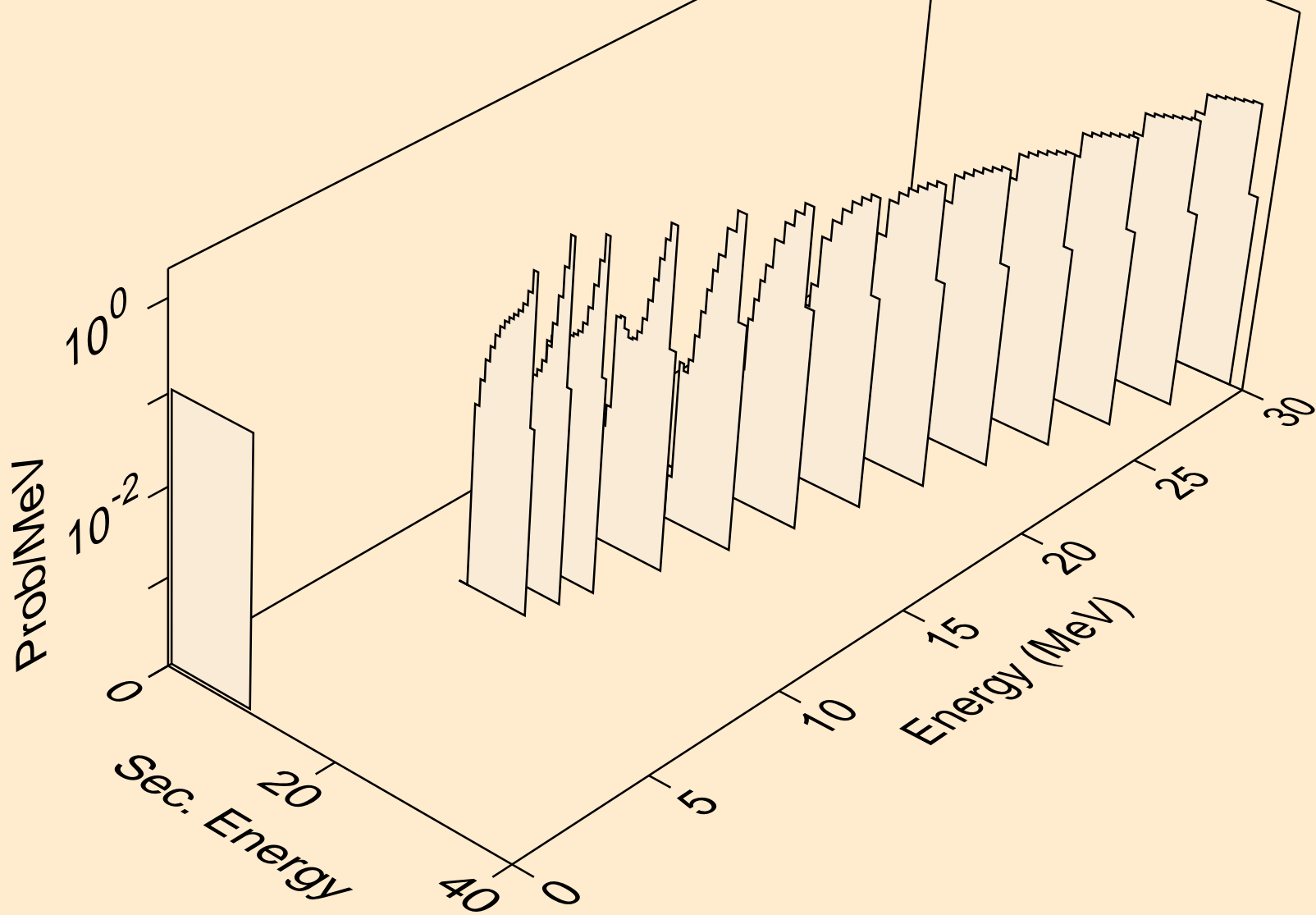
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alphas from (s,2n)2a



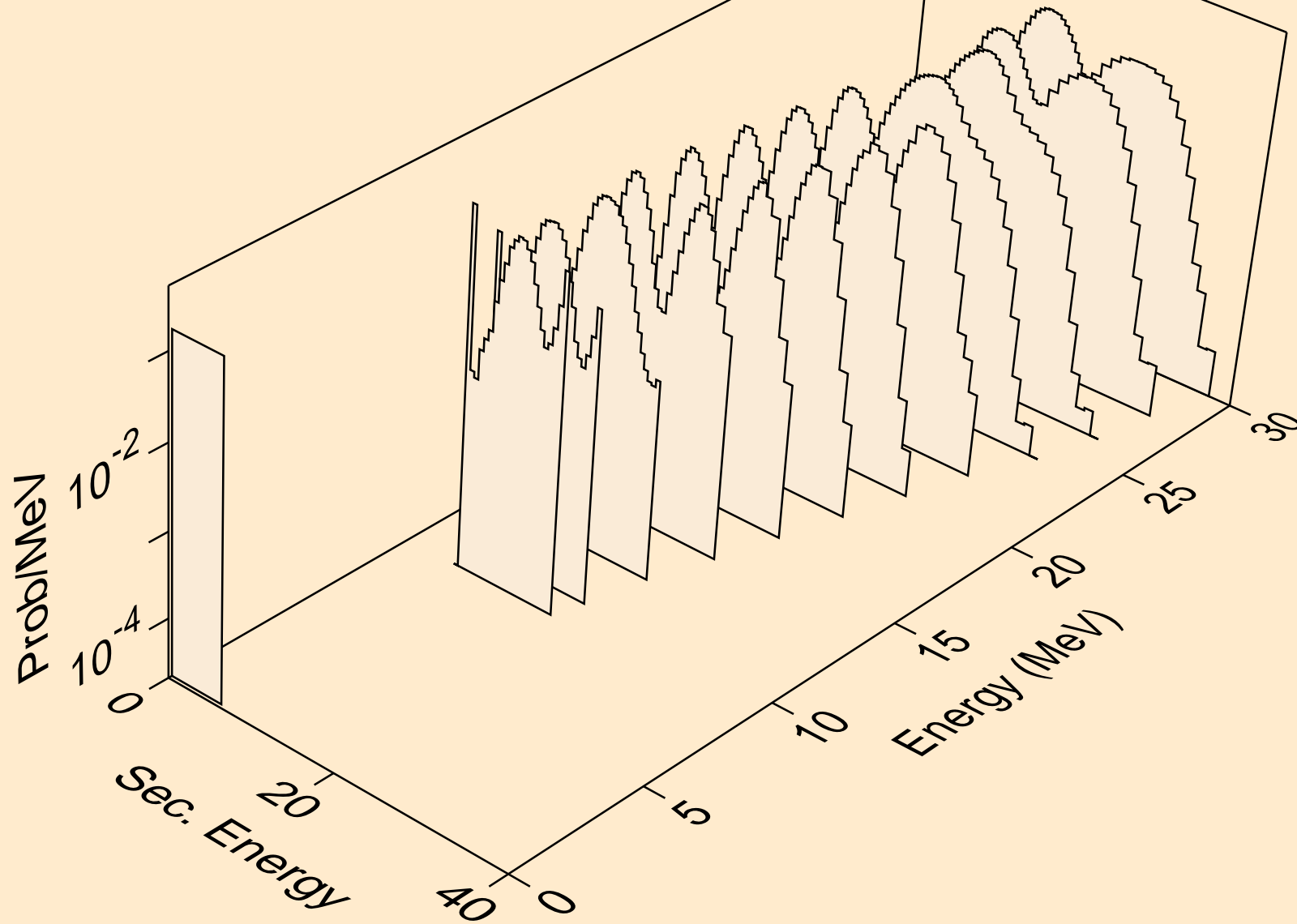
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



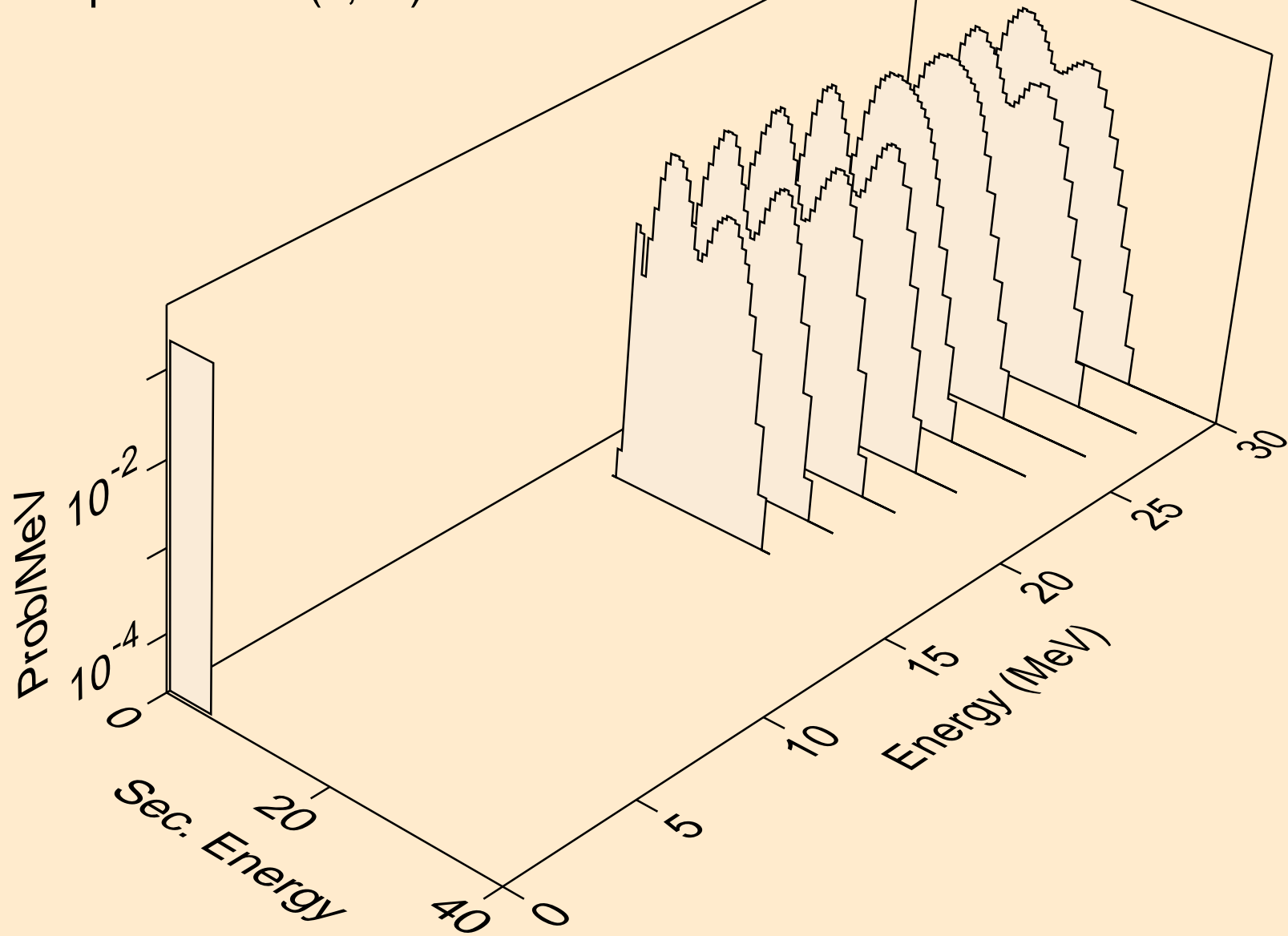
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)

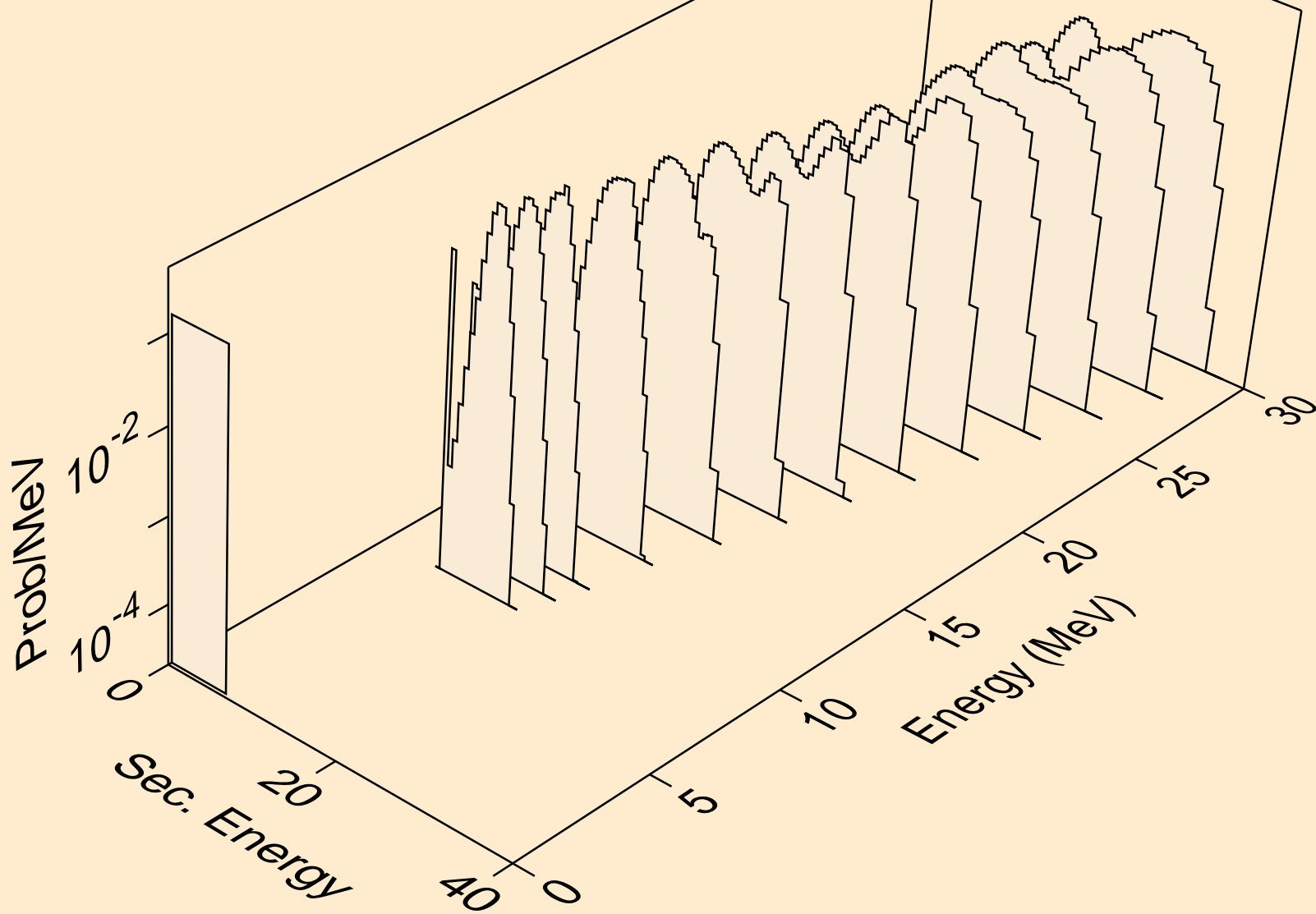


IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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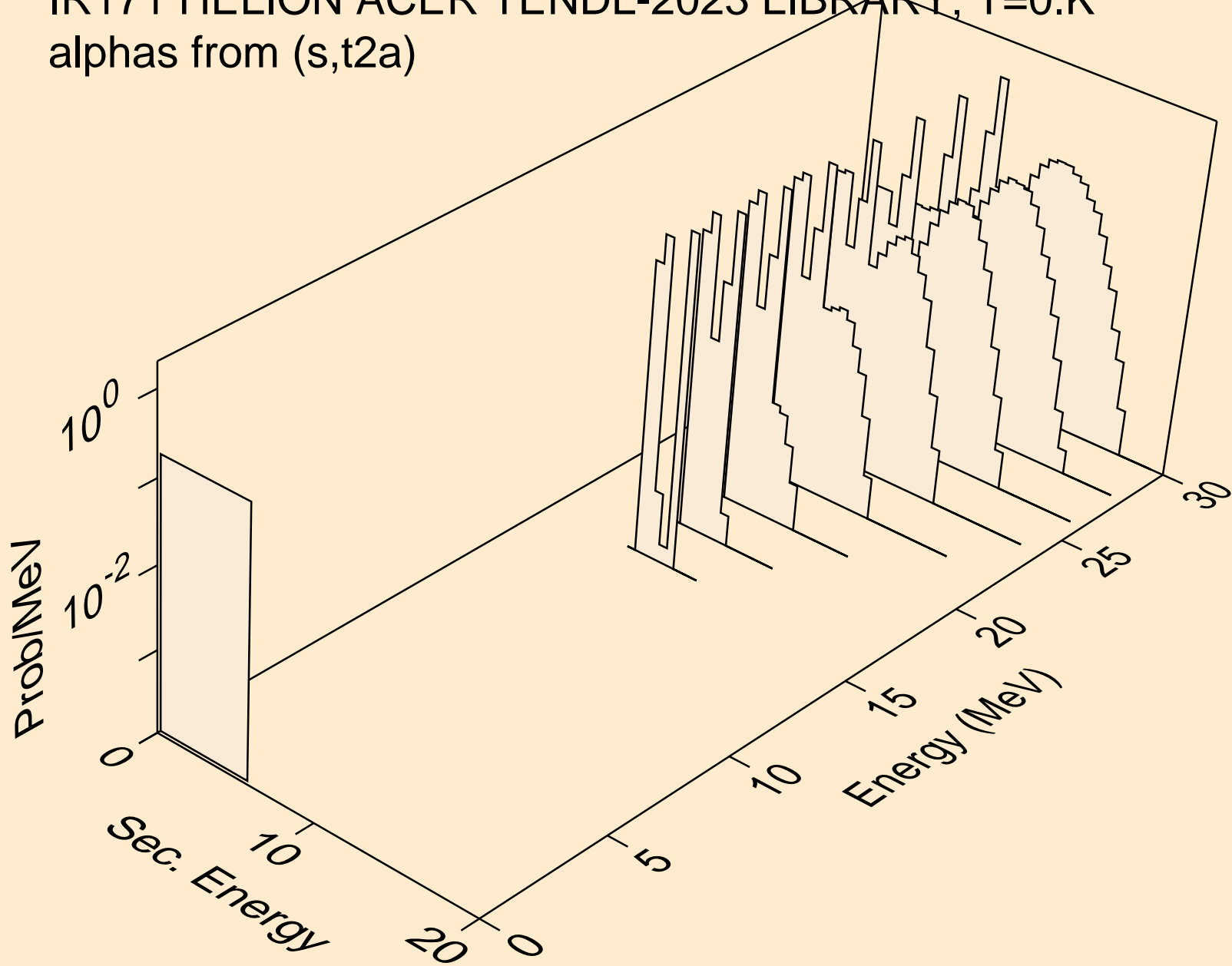




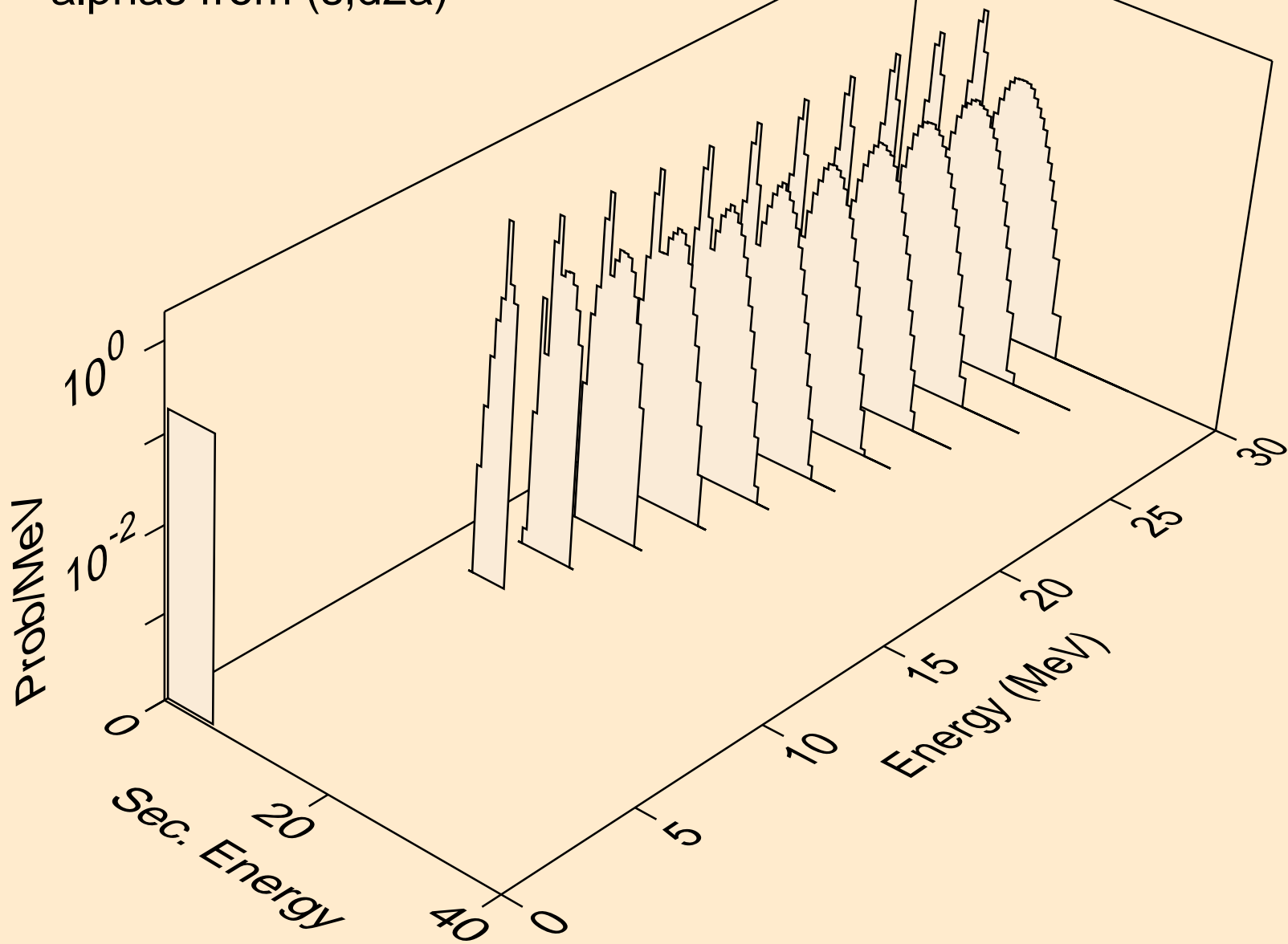
IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,t2a)



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,d2a)



IR171 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

