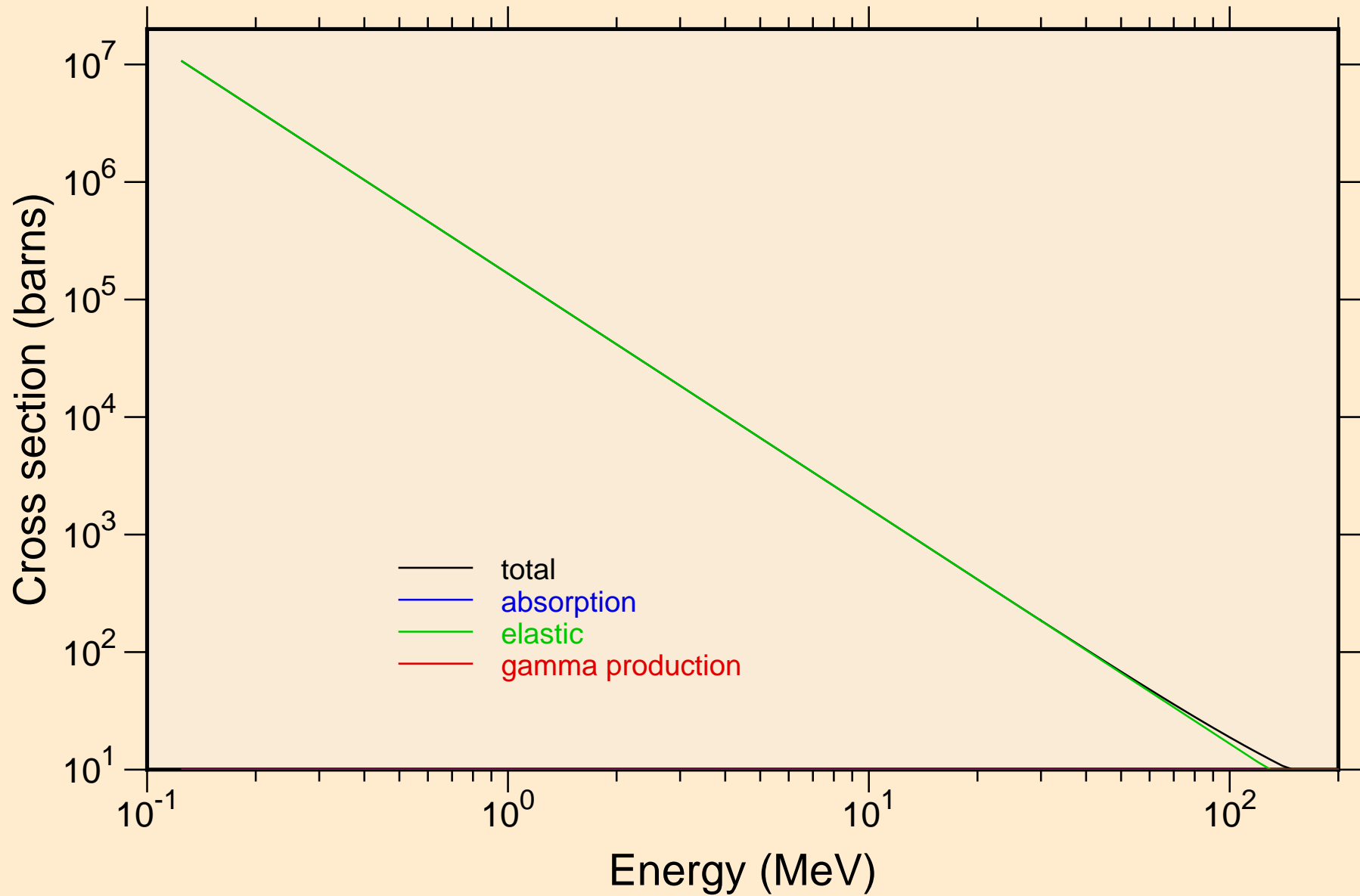
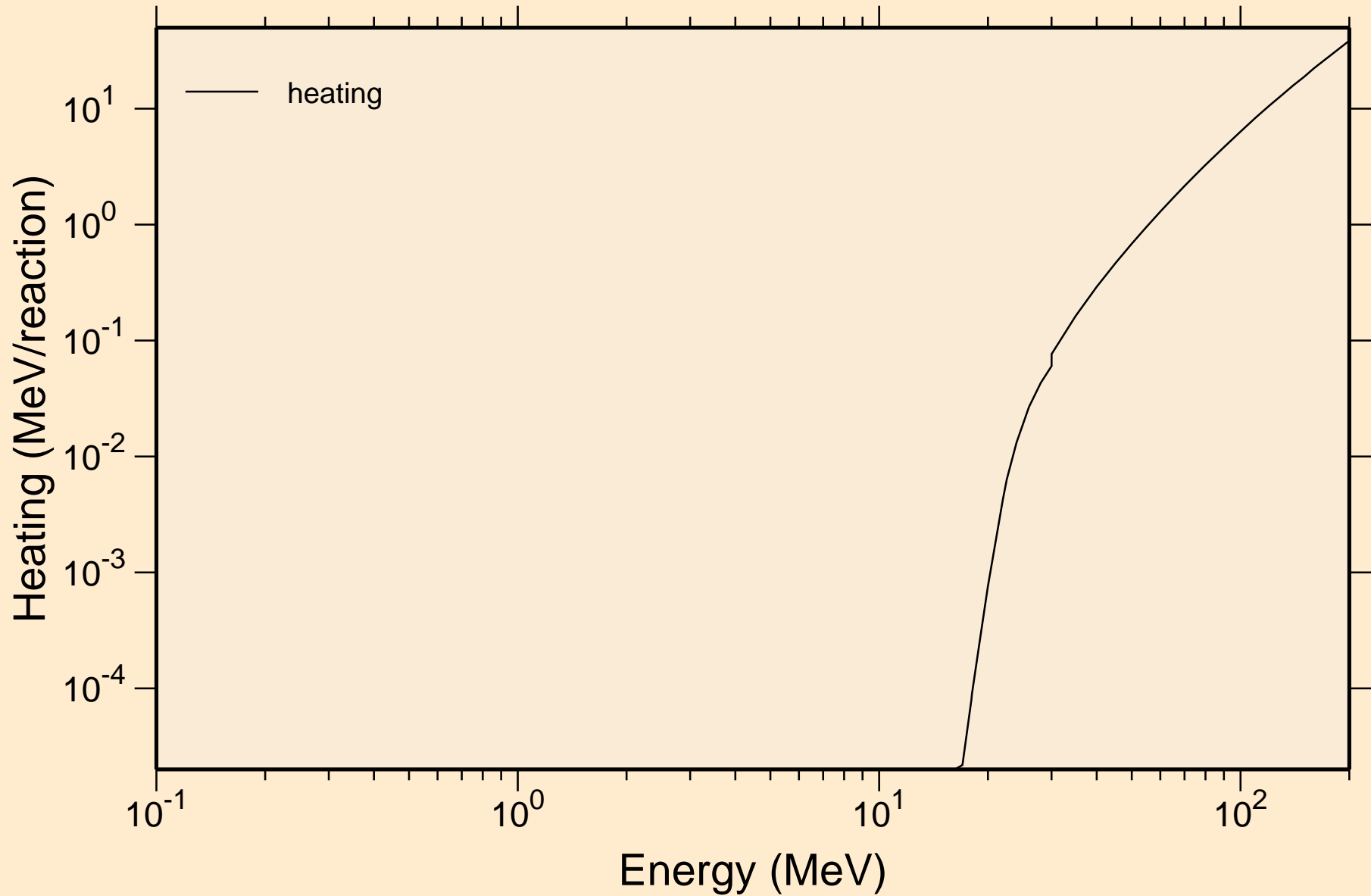


TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



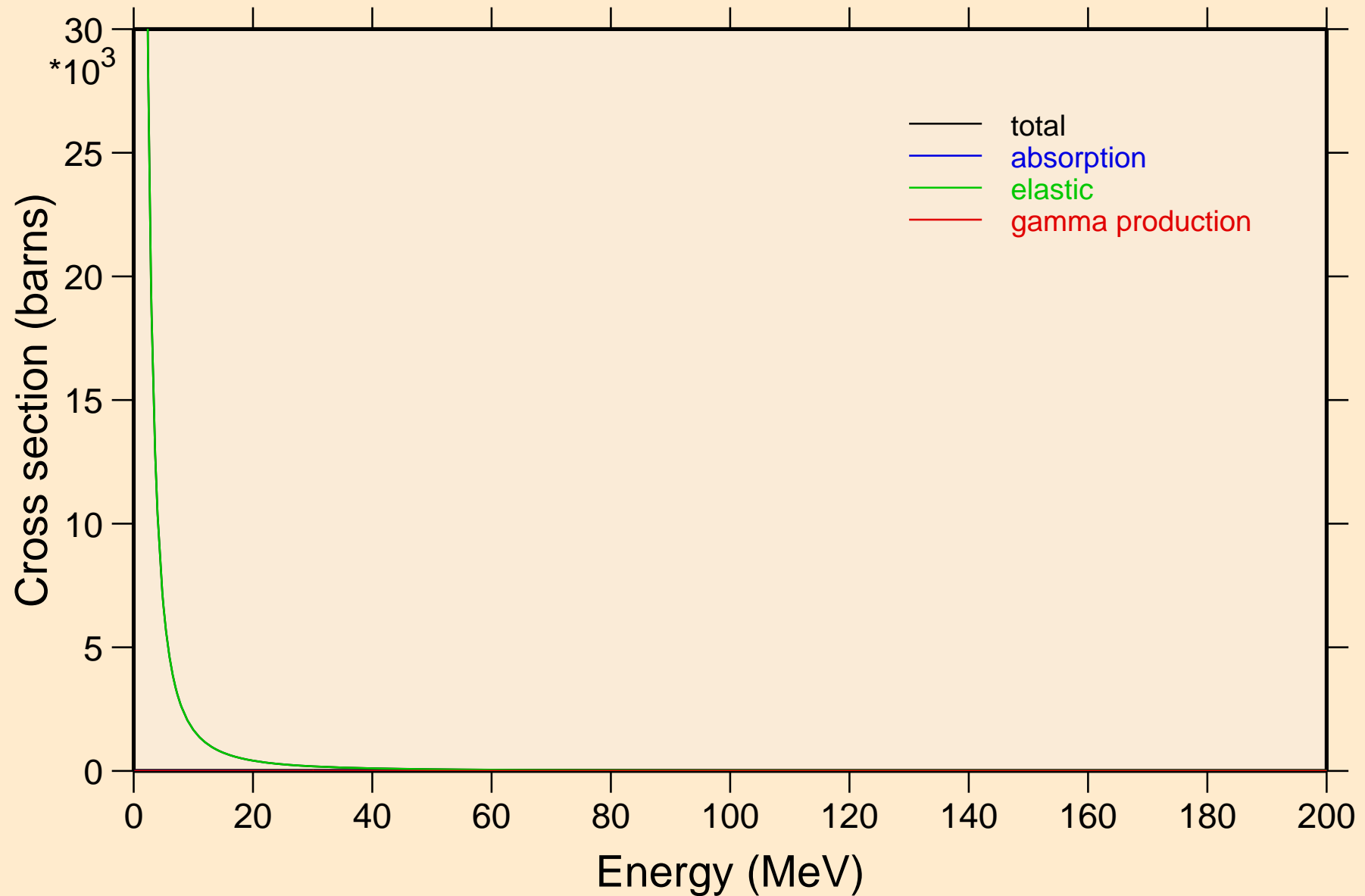
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Heating



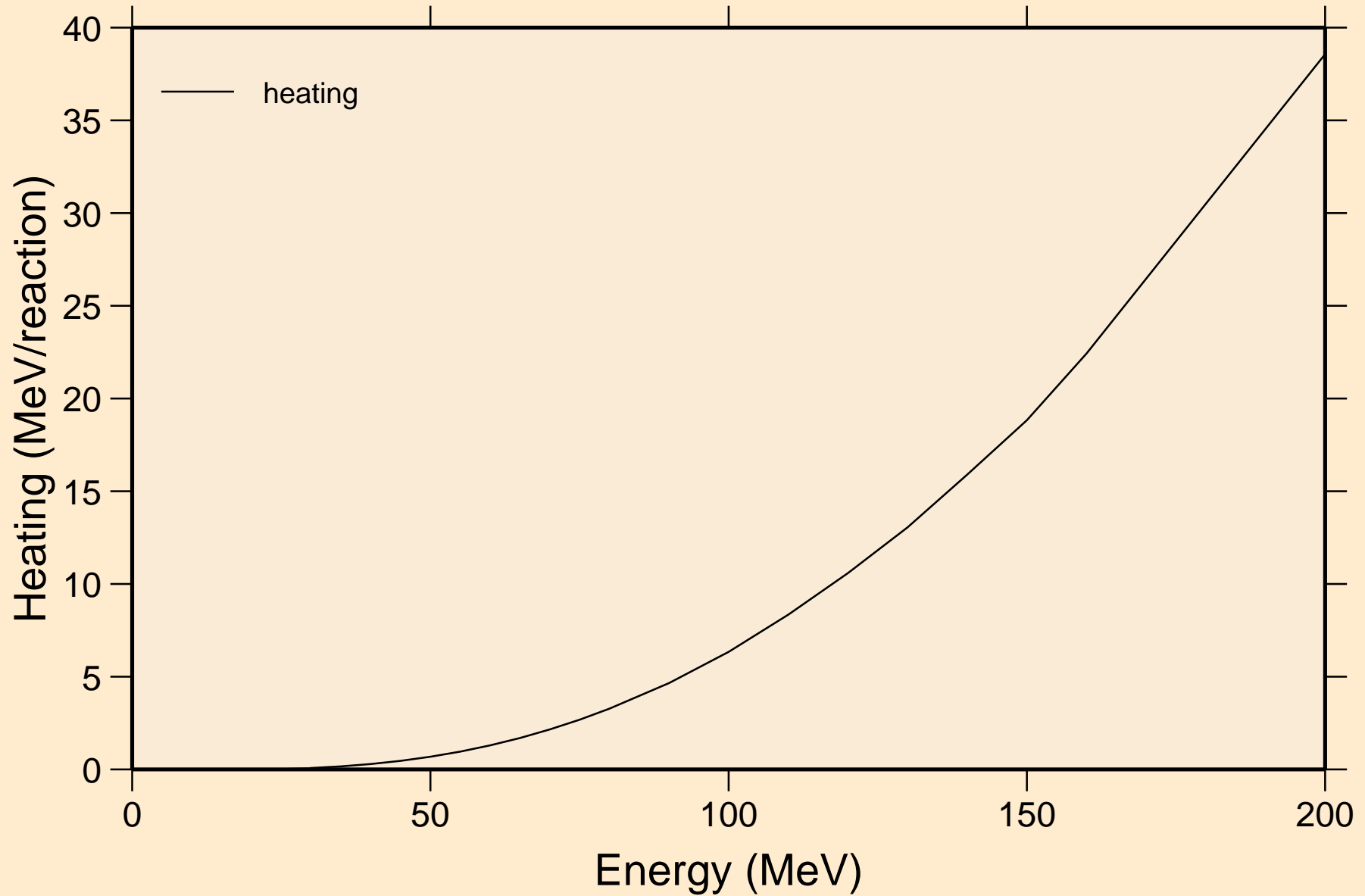
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## Principal cross sections

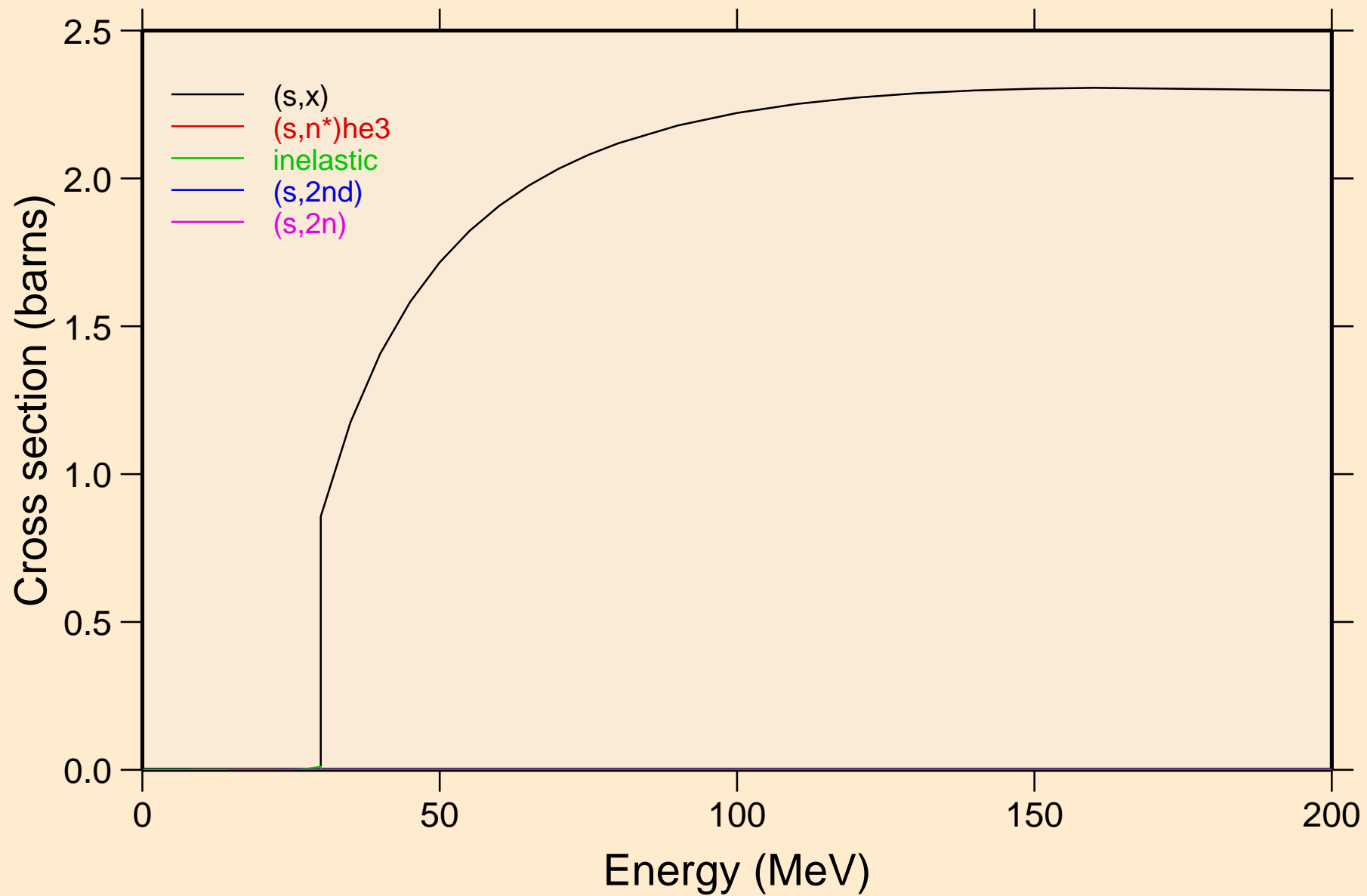


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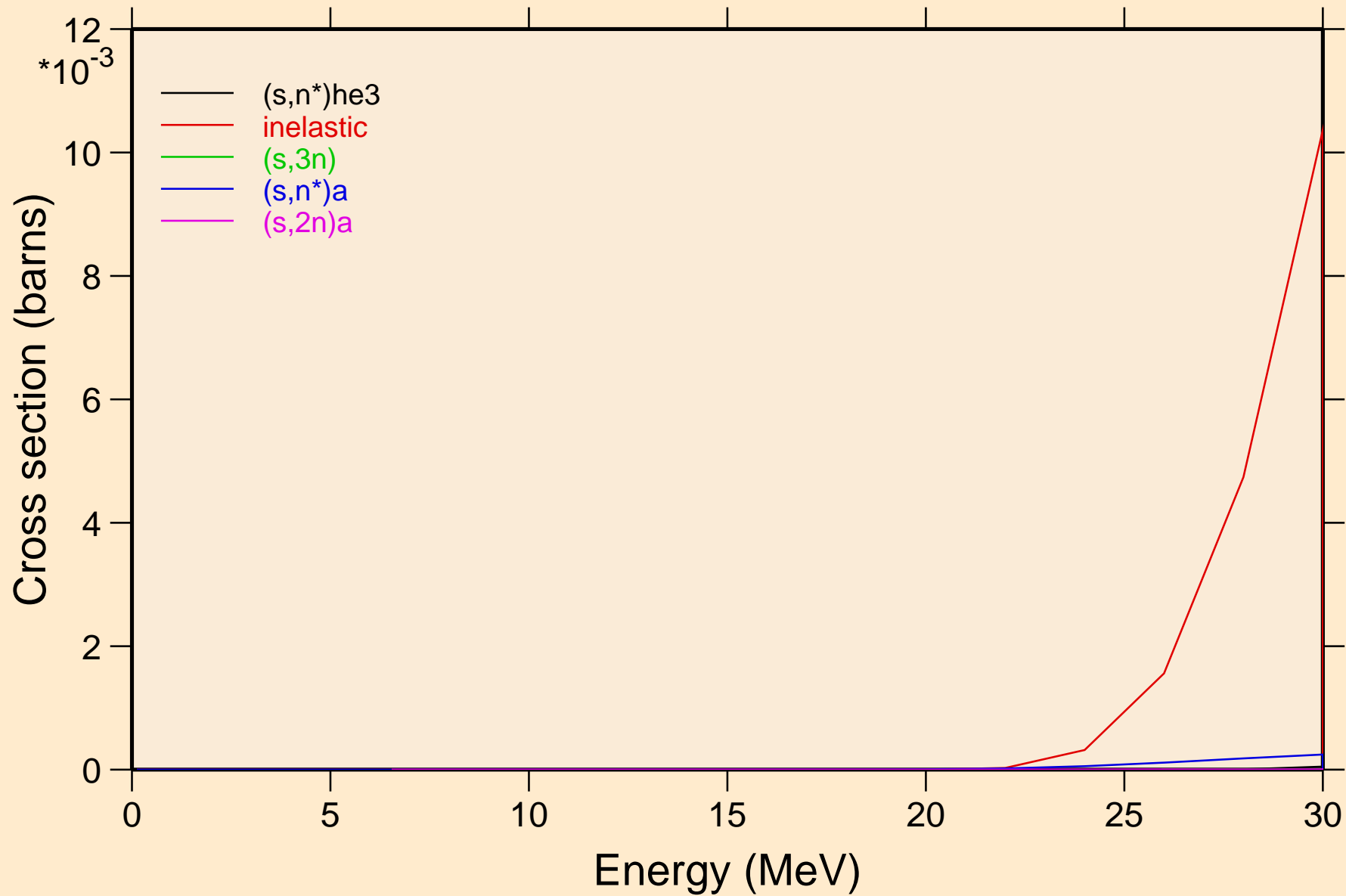
Heating



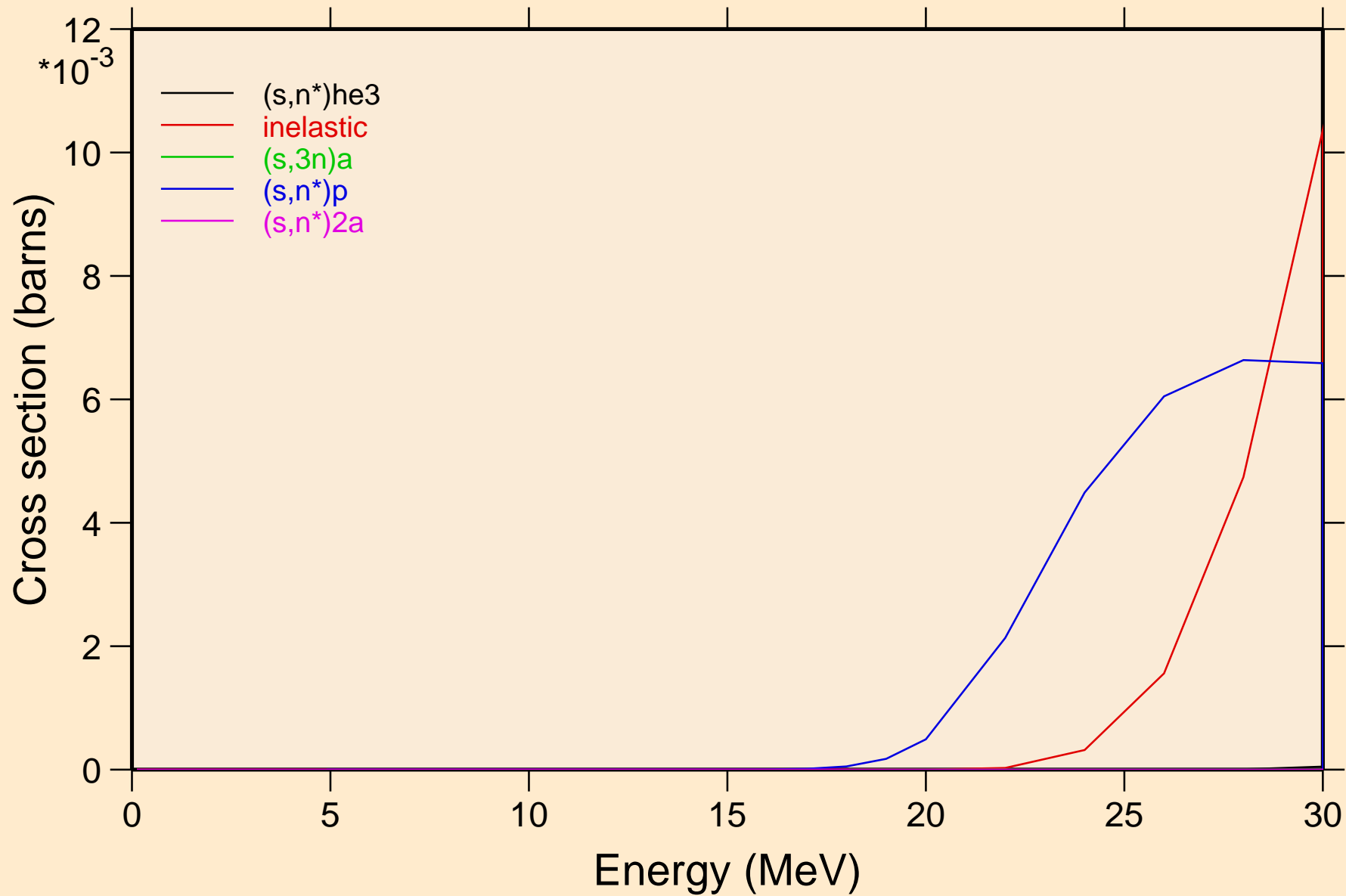
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Threshold reactions



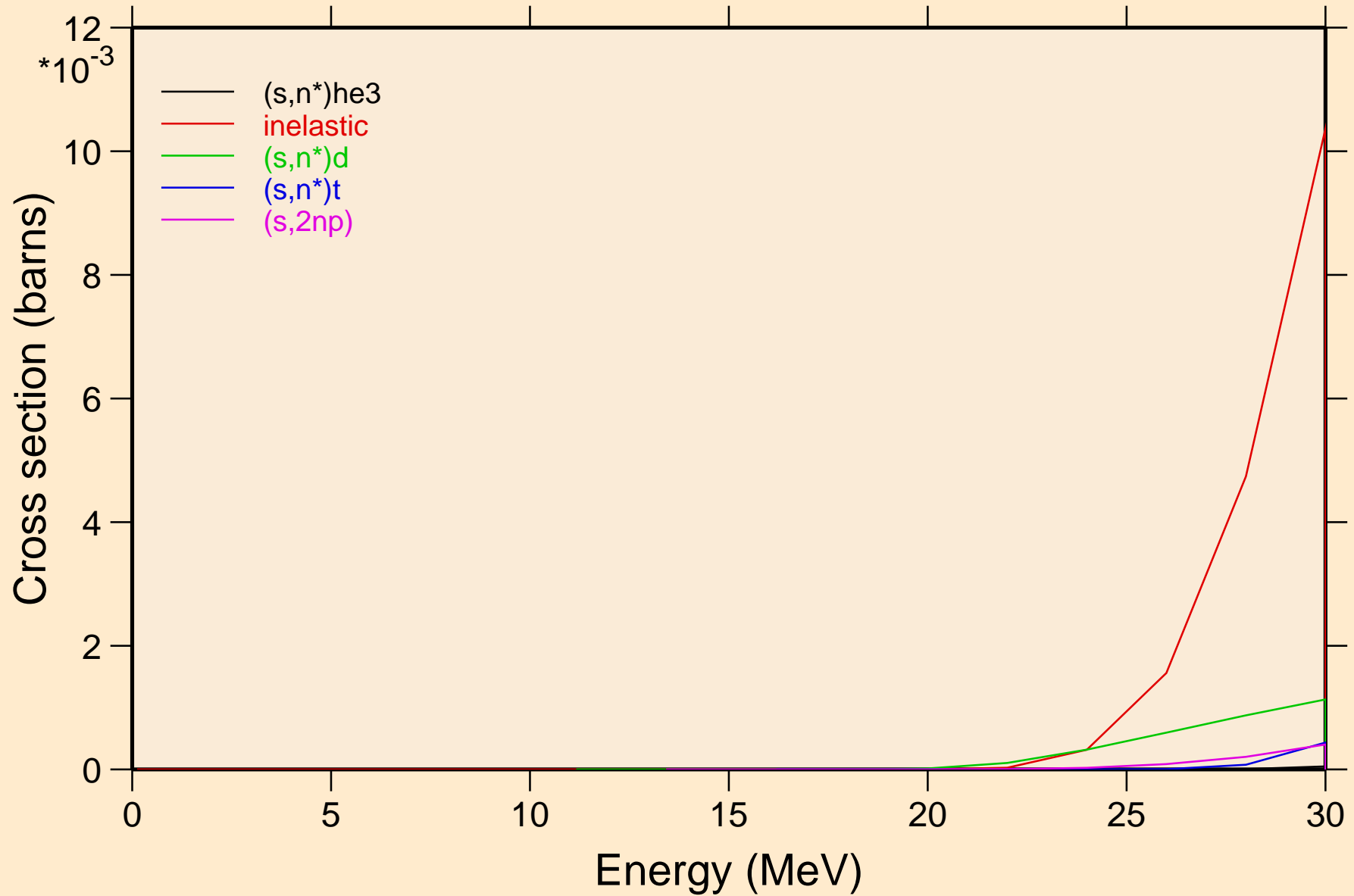
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Threshold reactions



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
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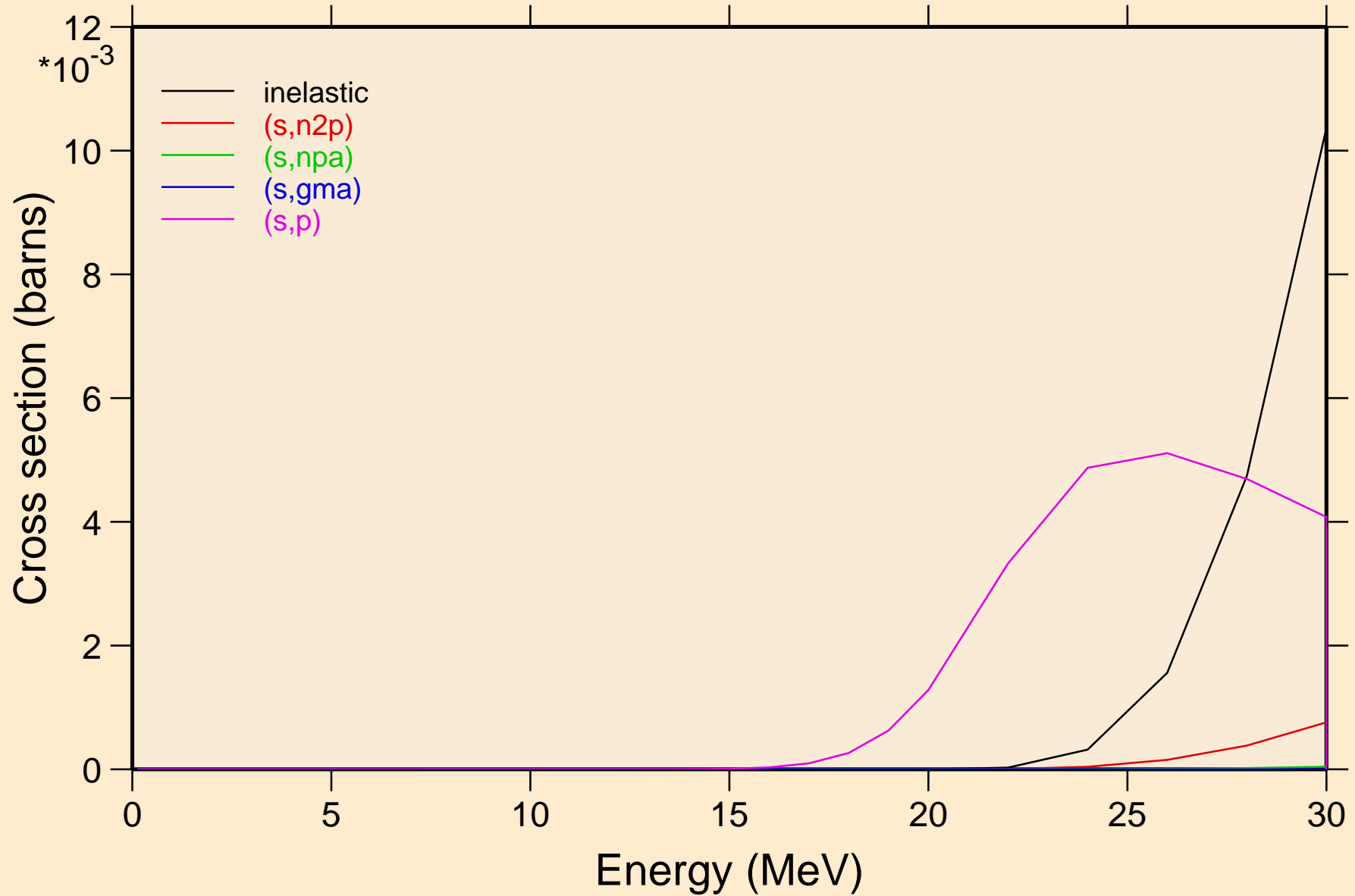


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Threshold reactions

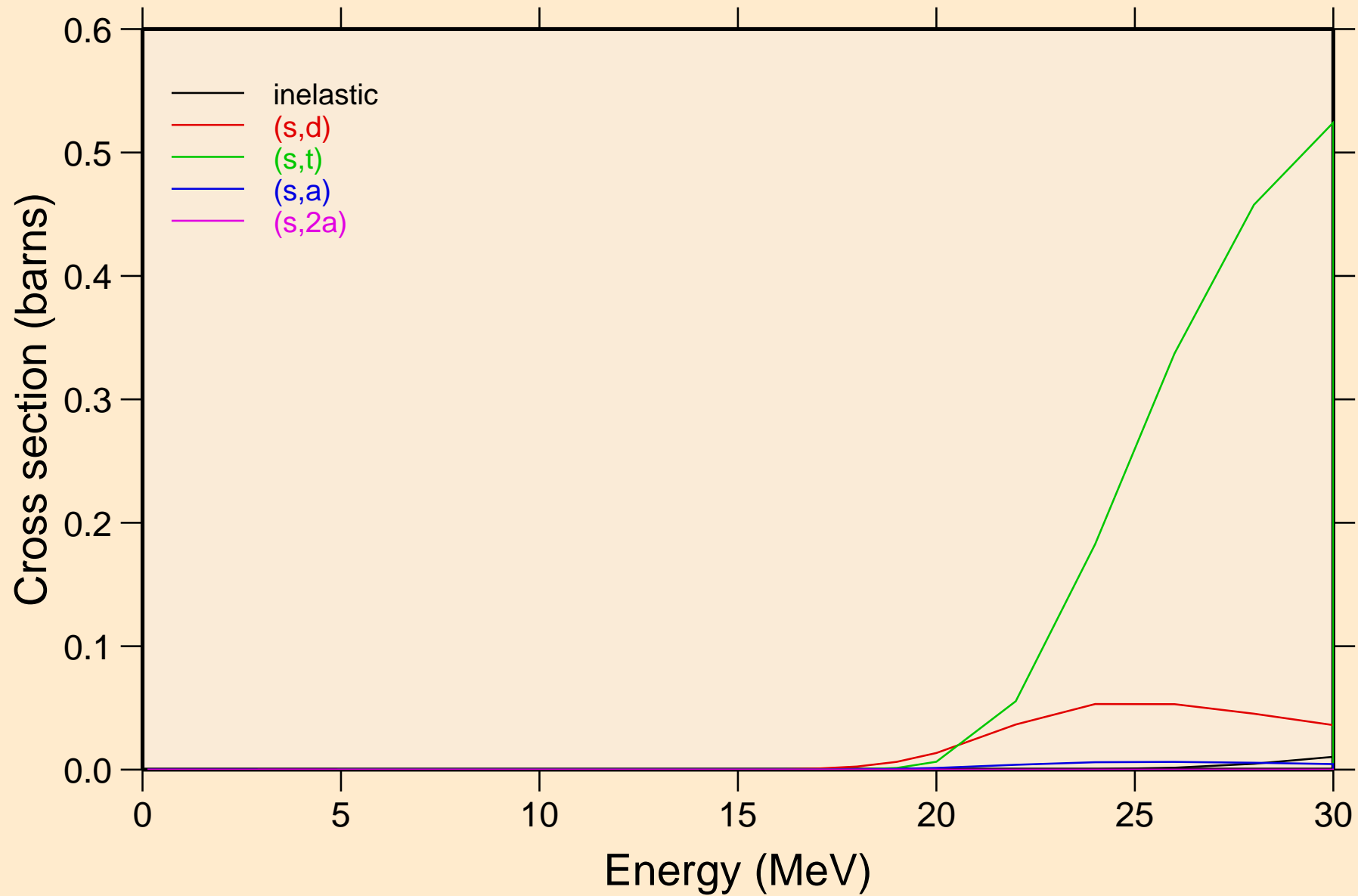




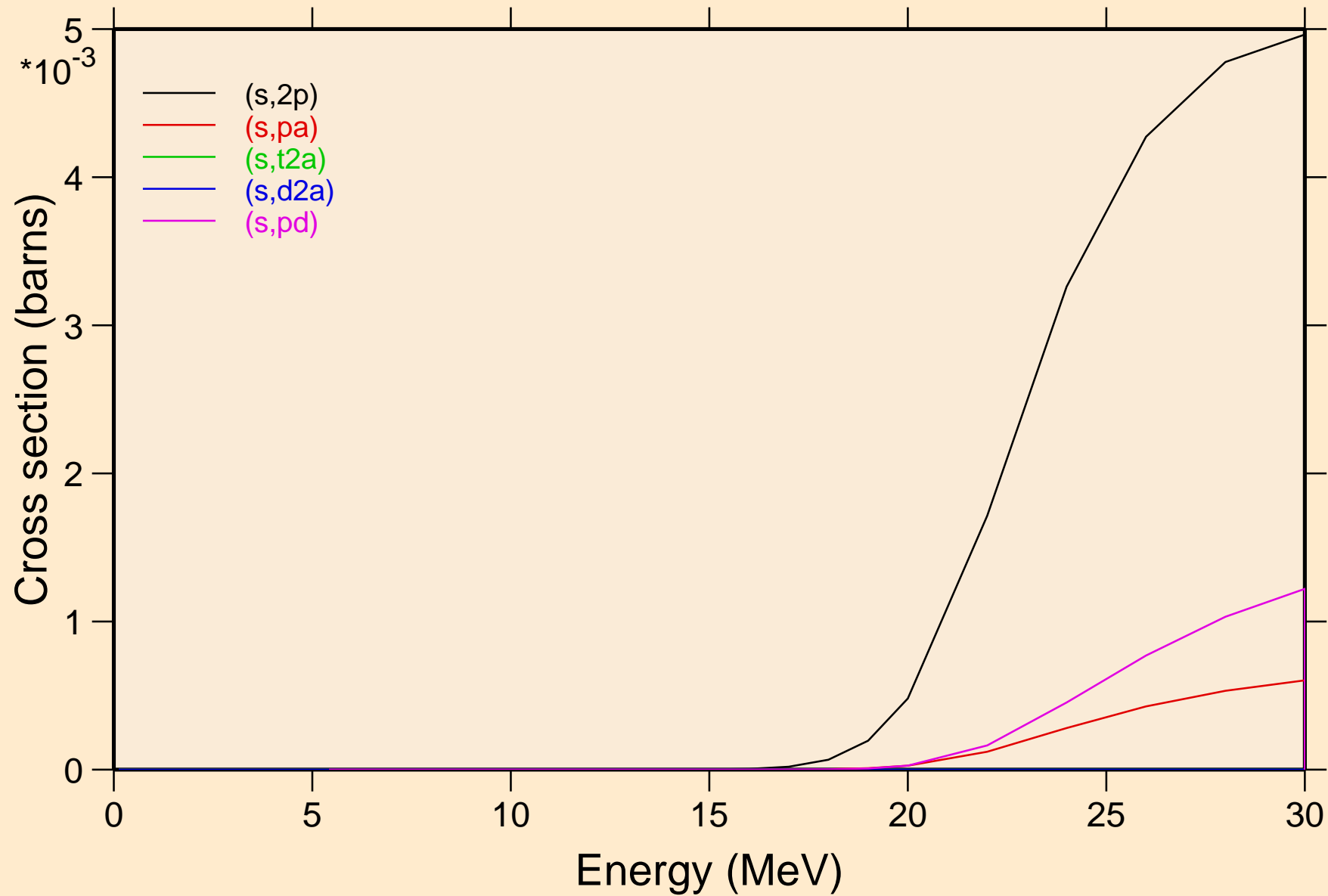
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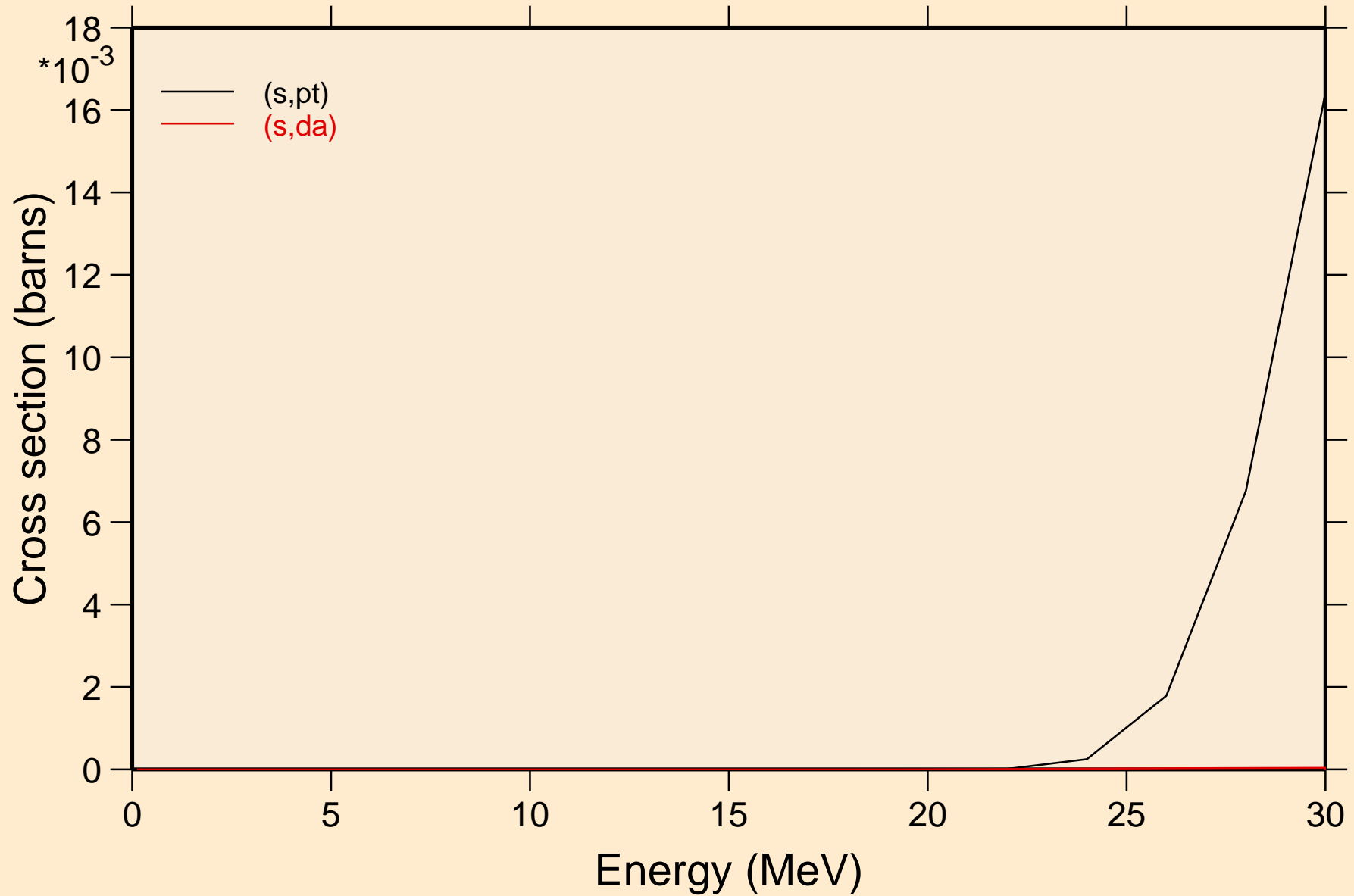
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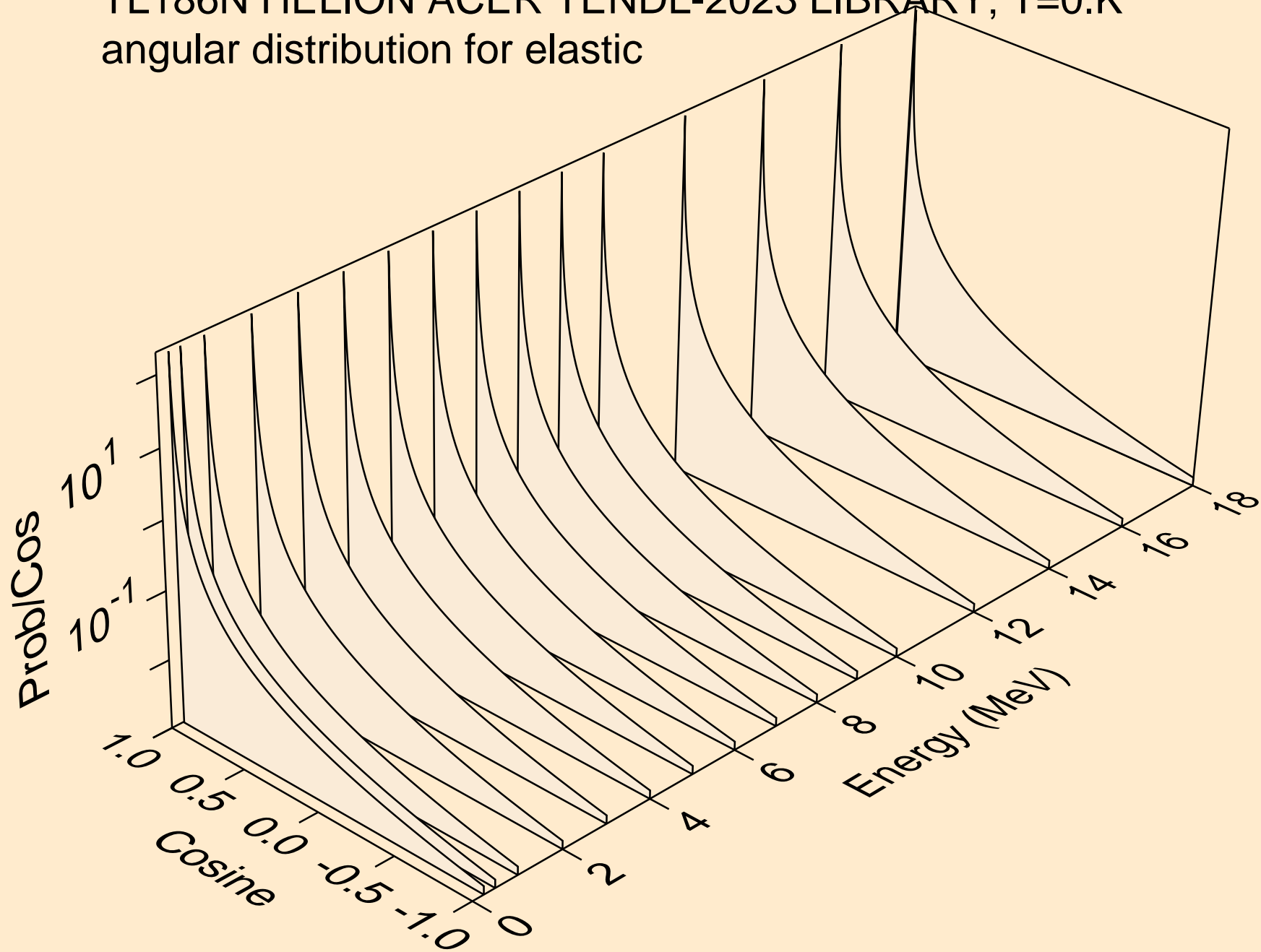
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Threshold reactions



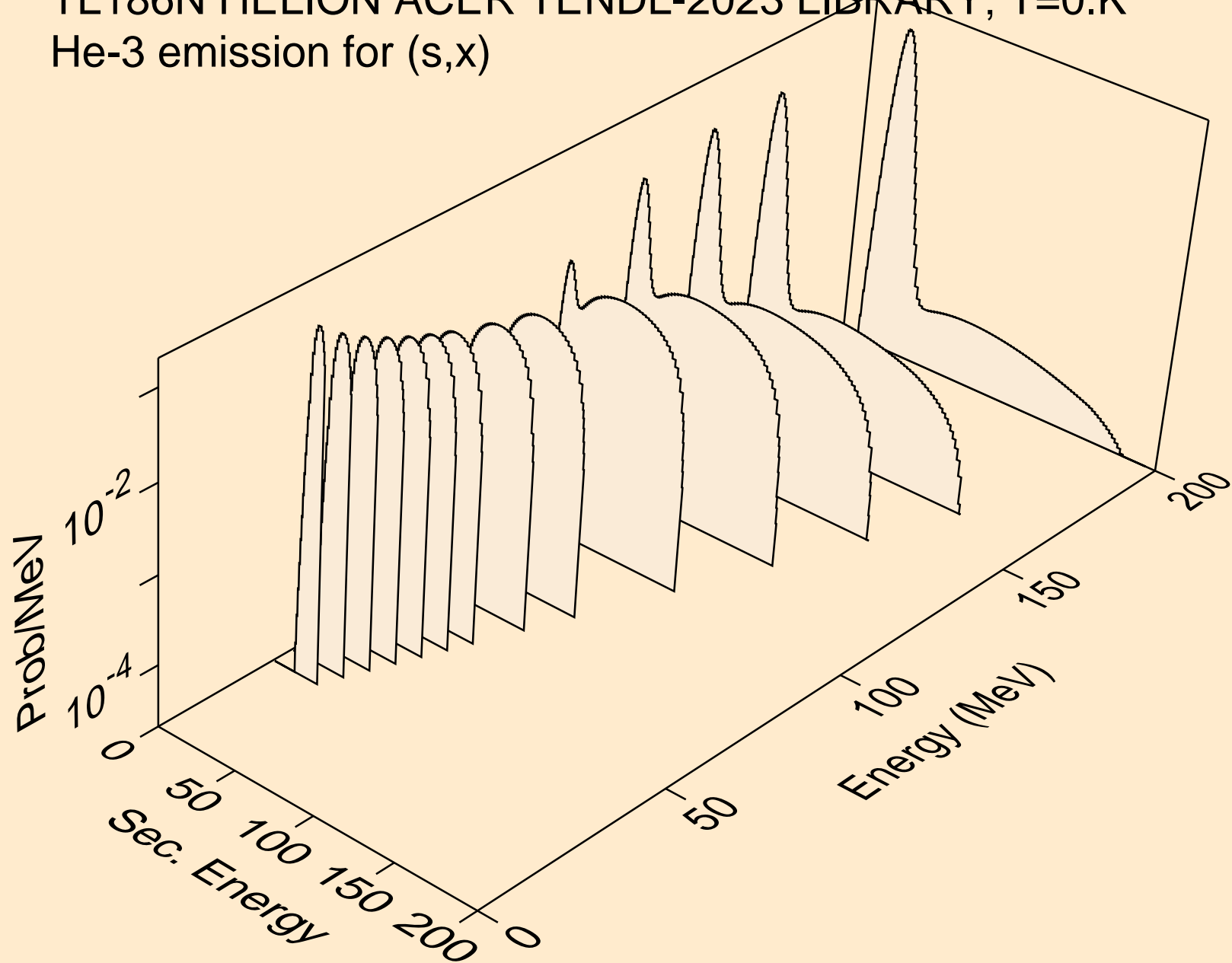
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Threshold reactions



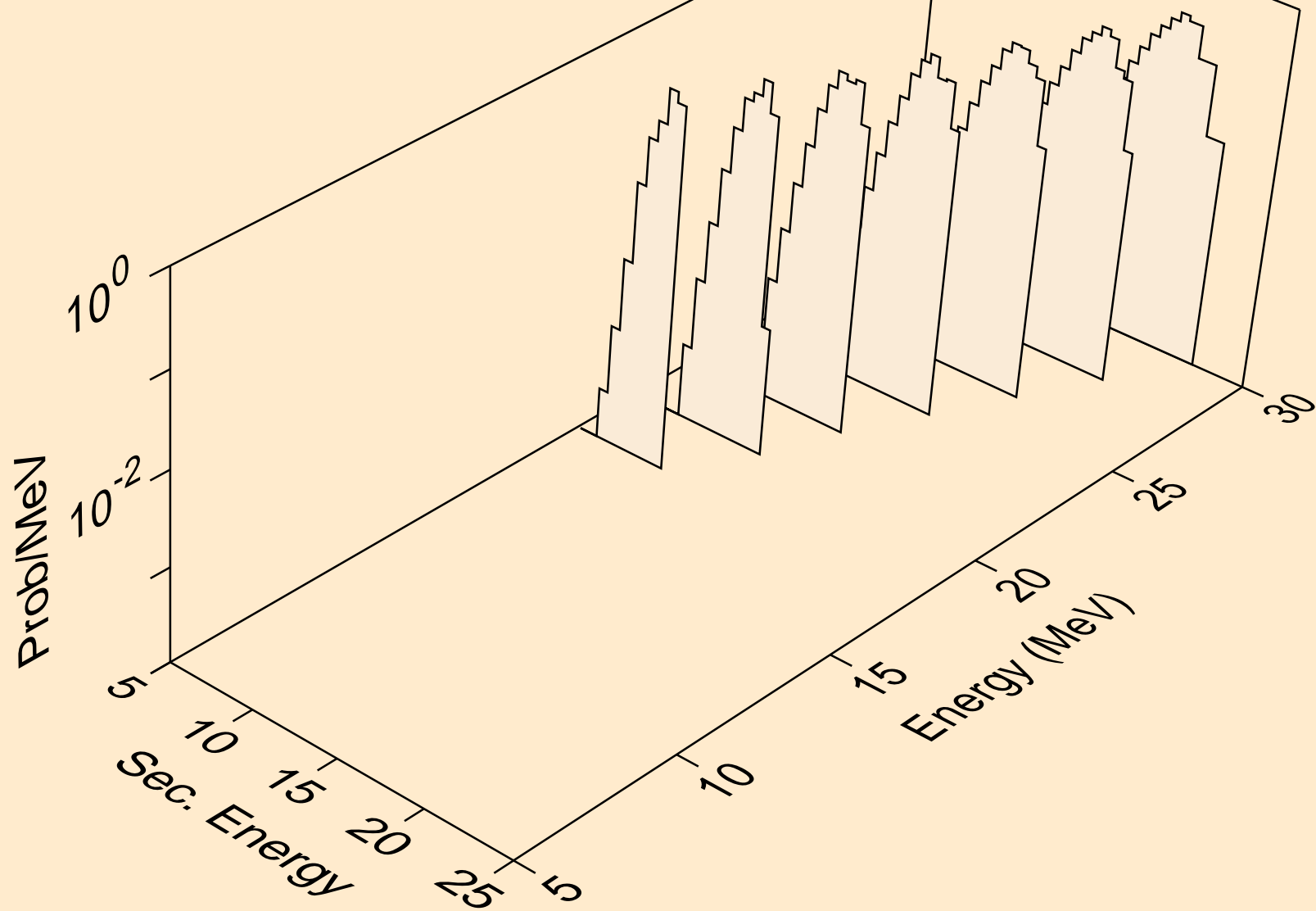
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angular distribution for elastic



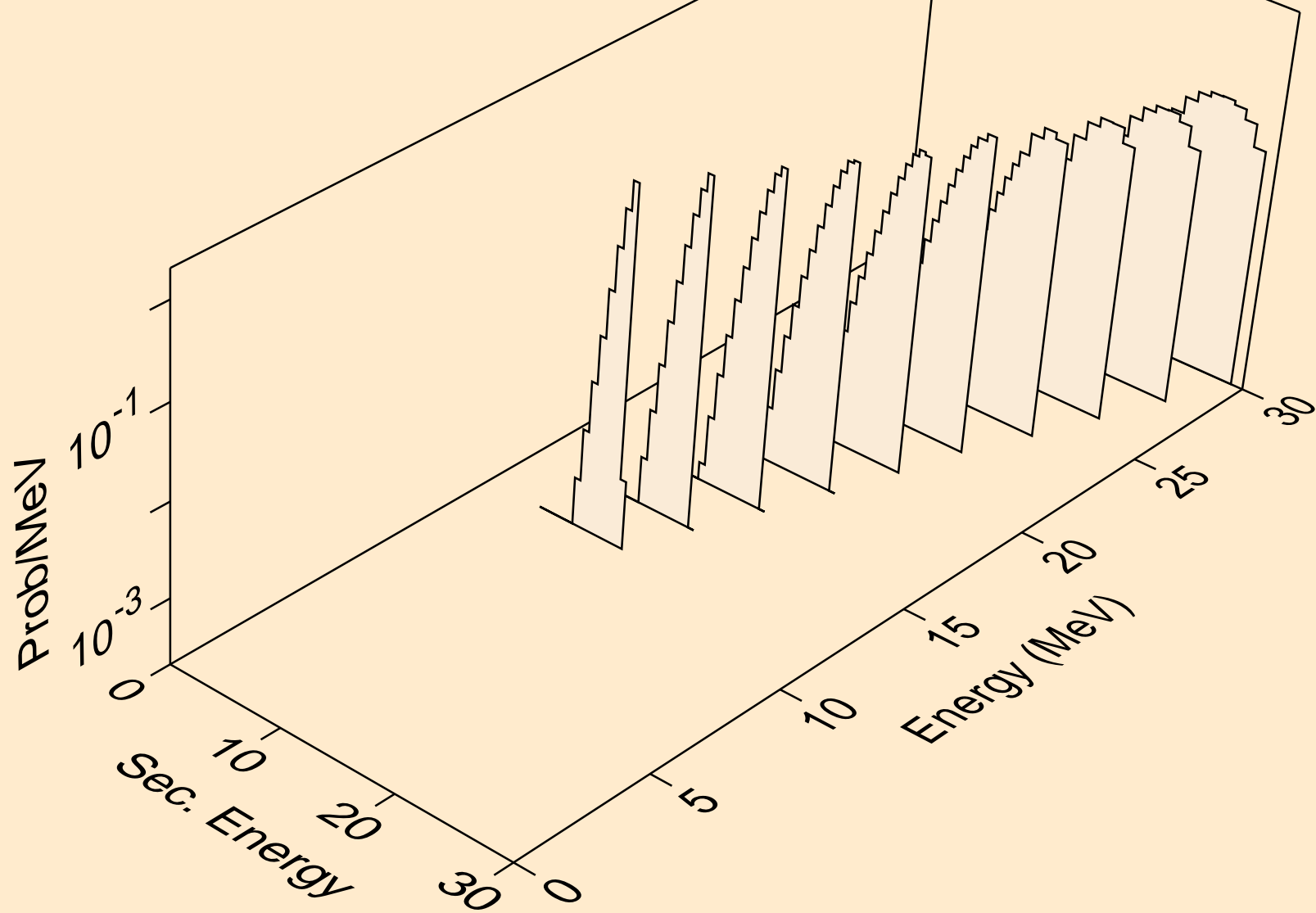
TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

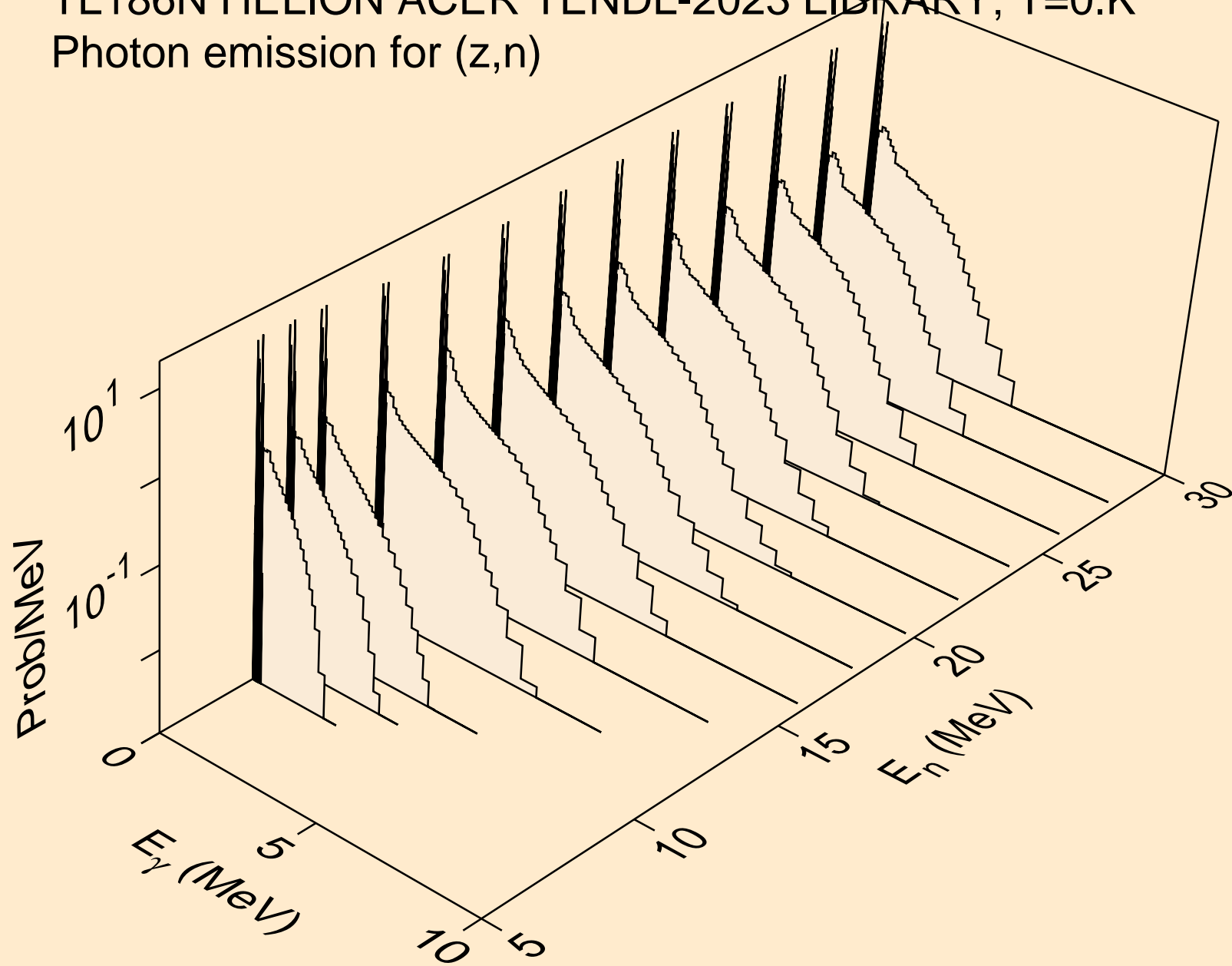


TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

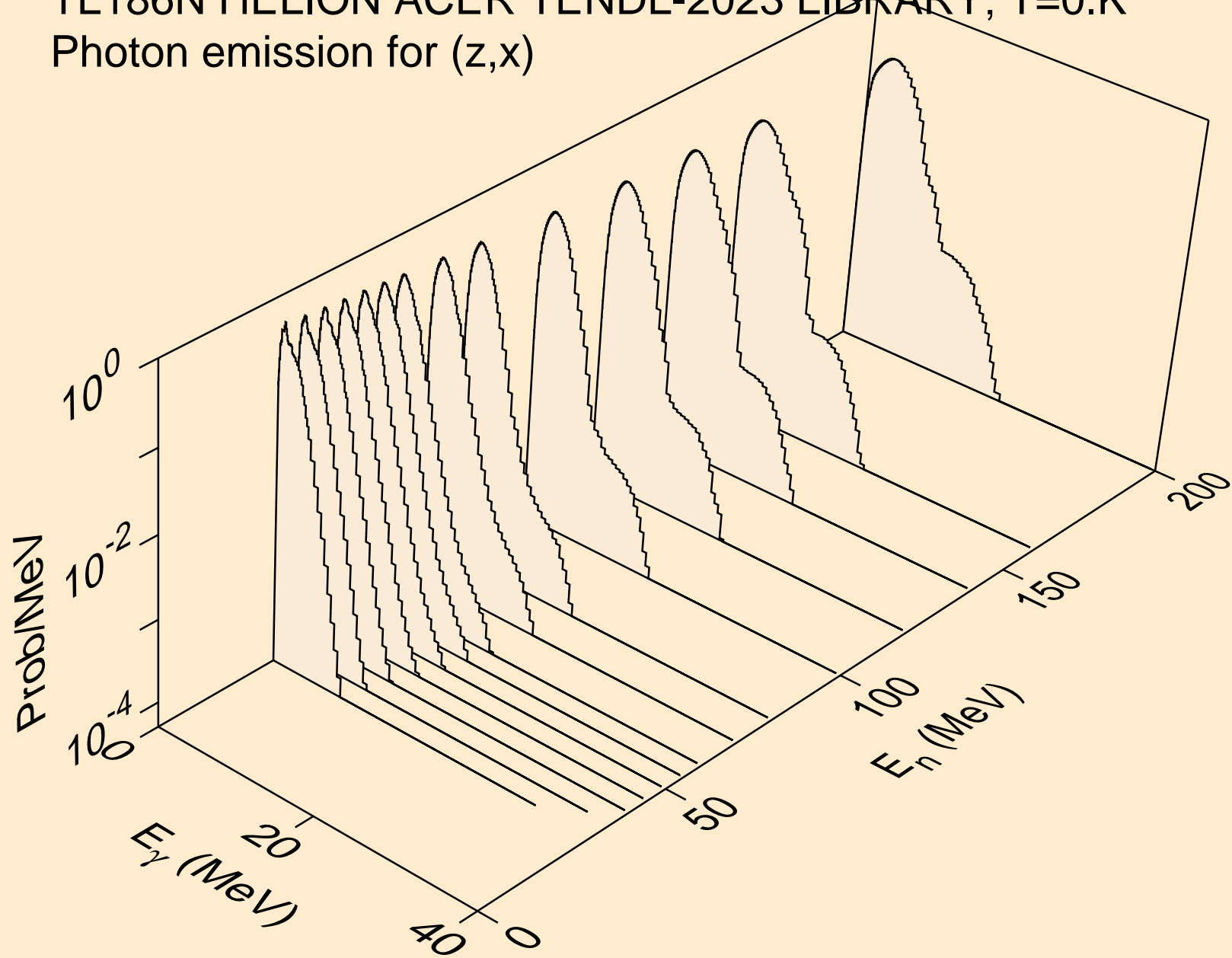




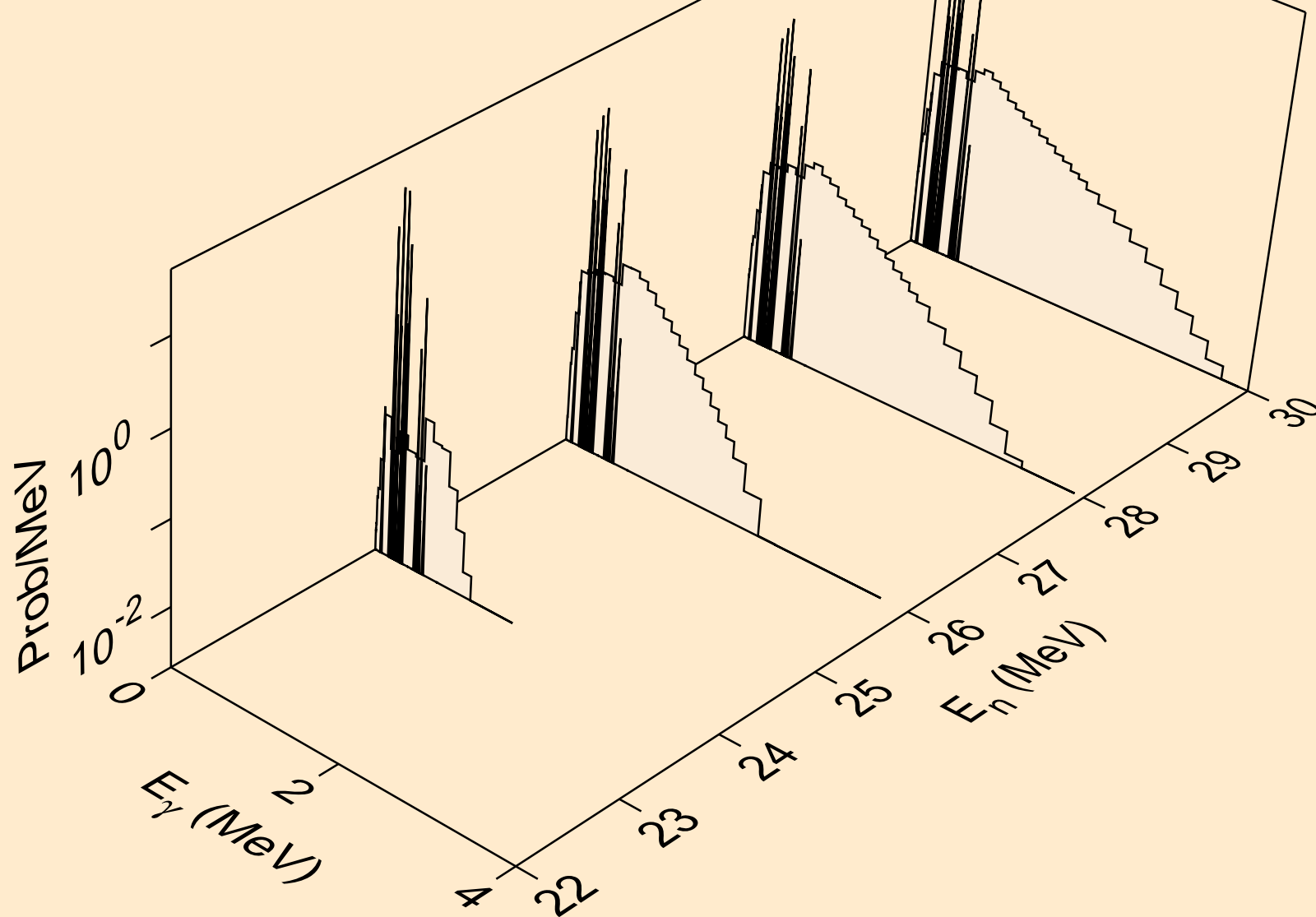
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Photon emission for (z,n)



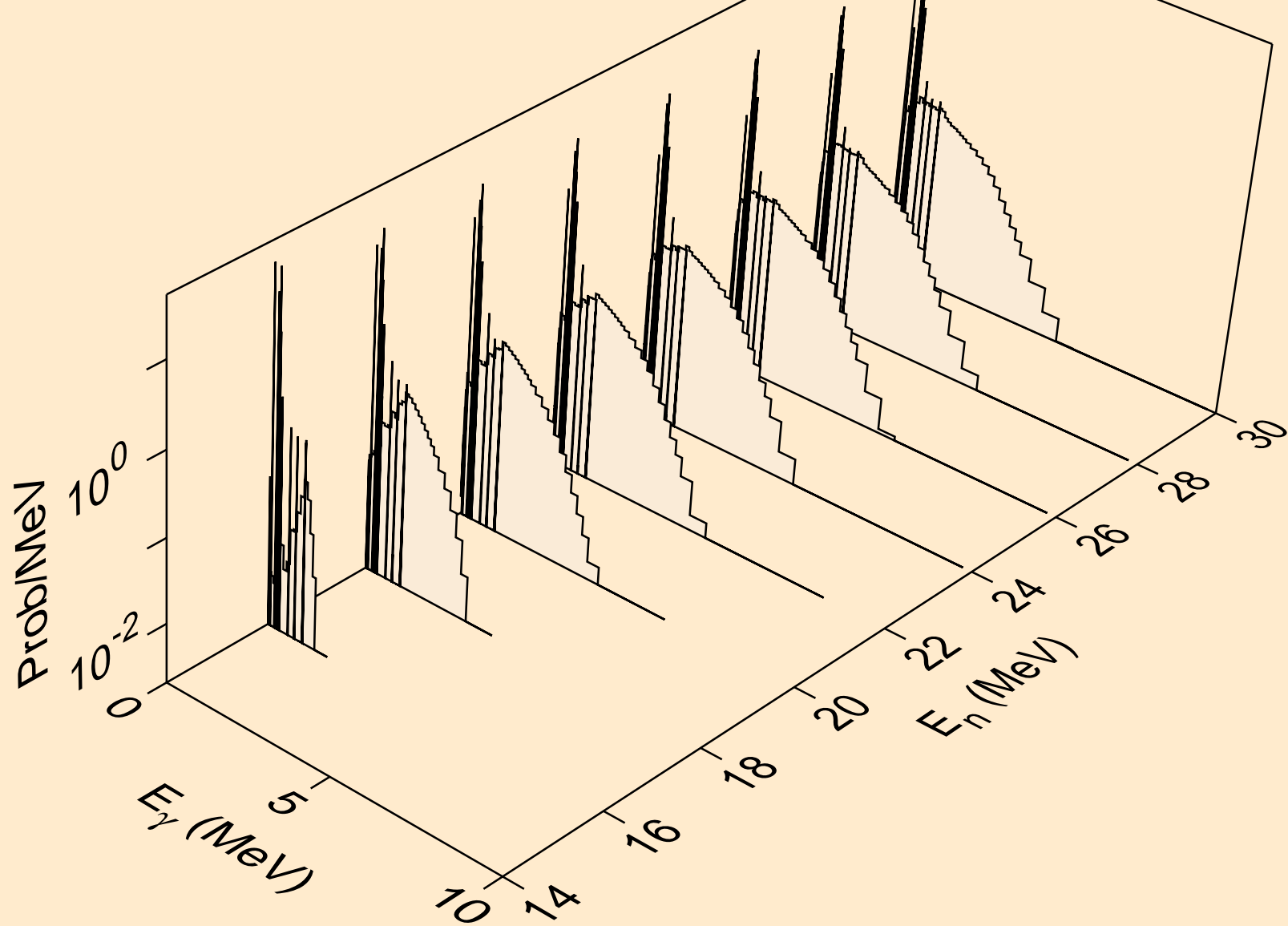
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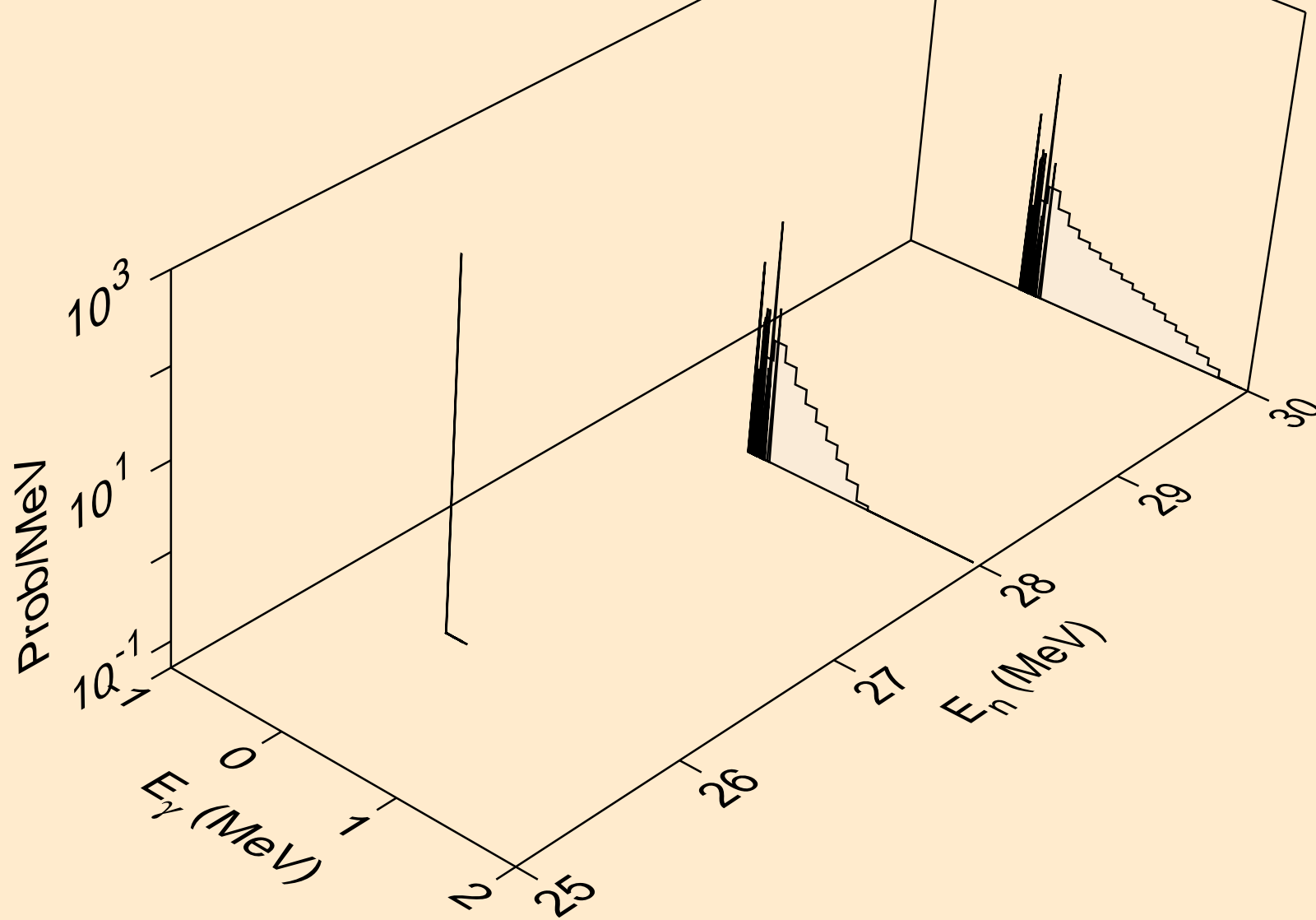
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Photon emission for (n,2nd)



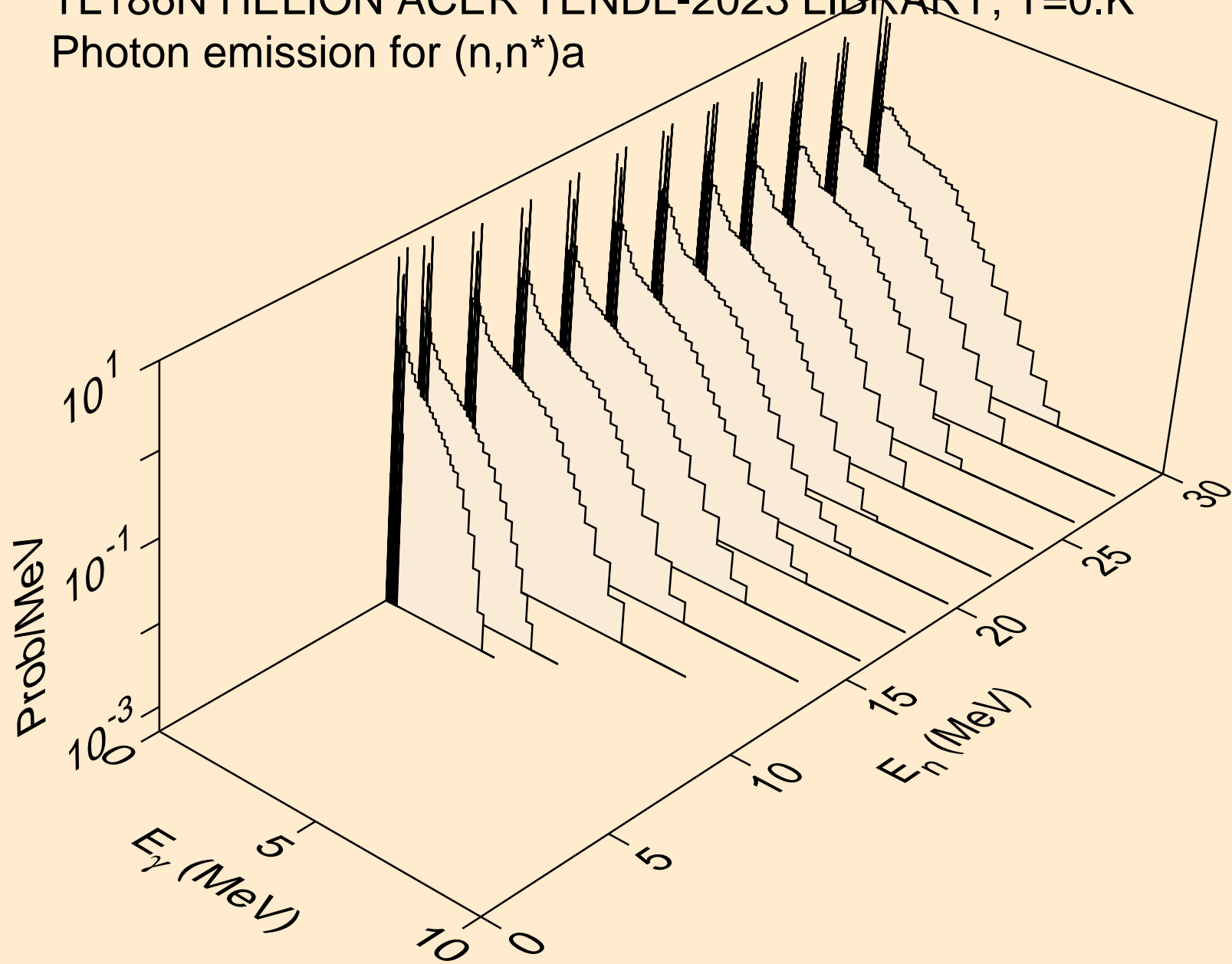
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Photon emission for (n,2n)



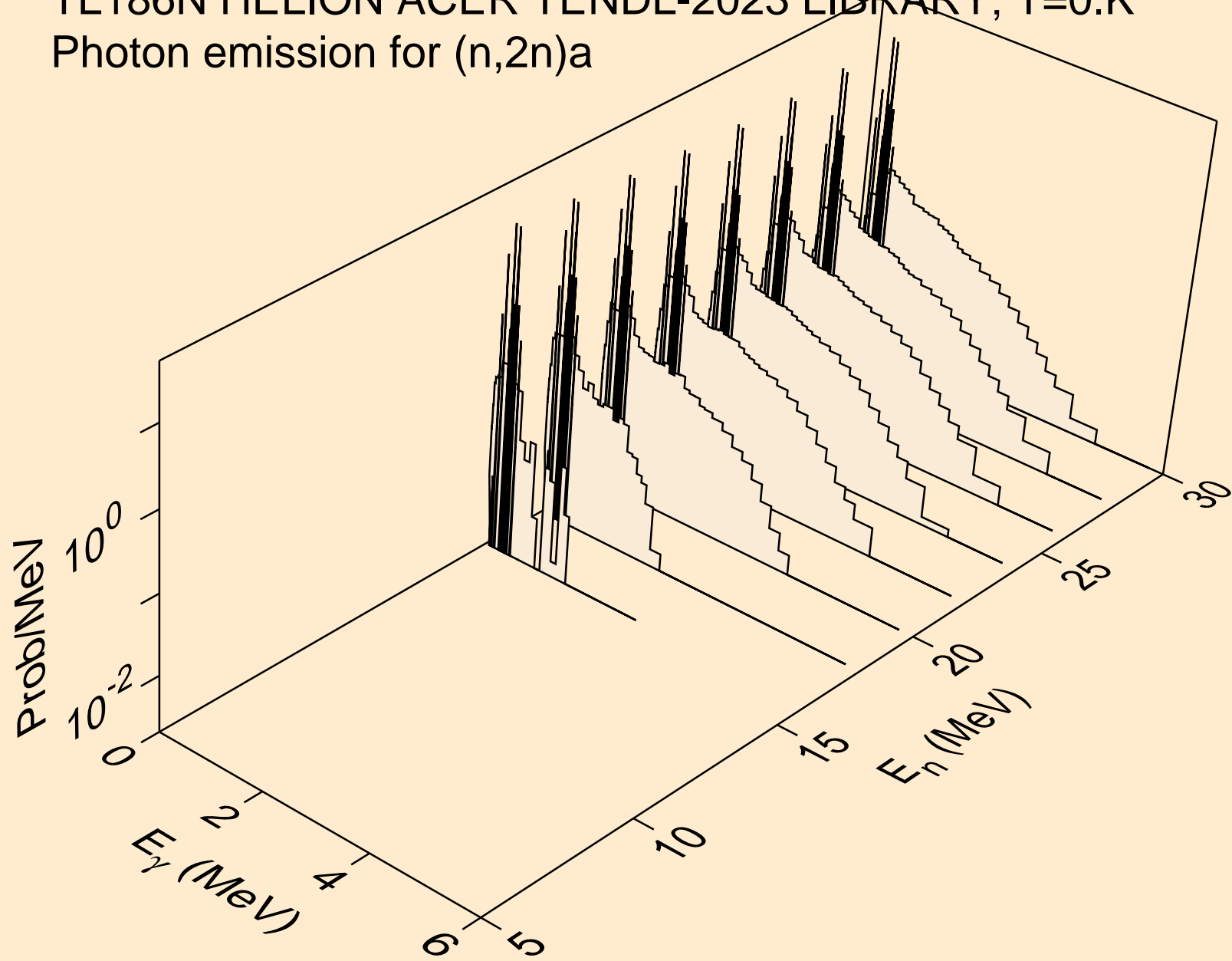
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Photon emission for (n,3n)



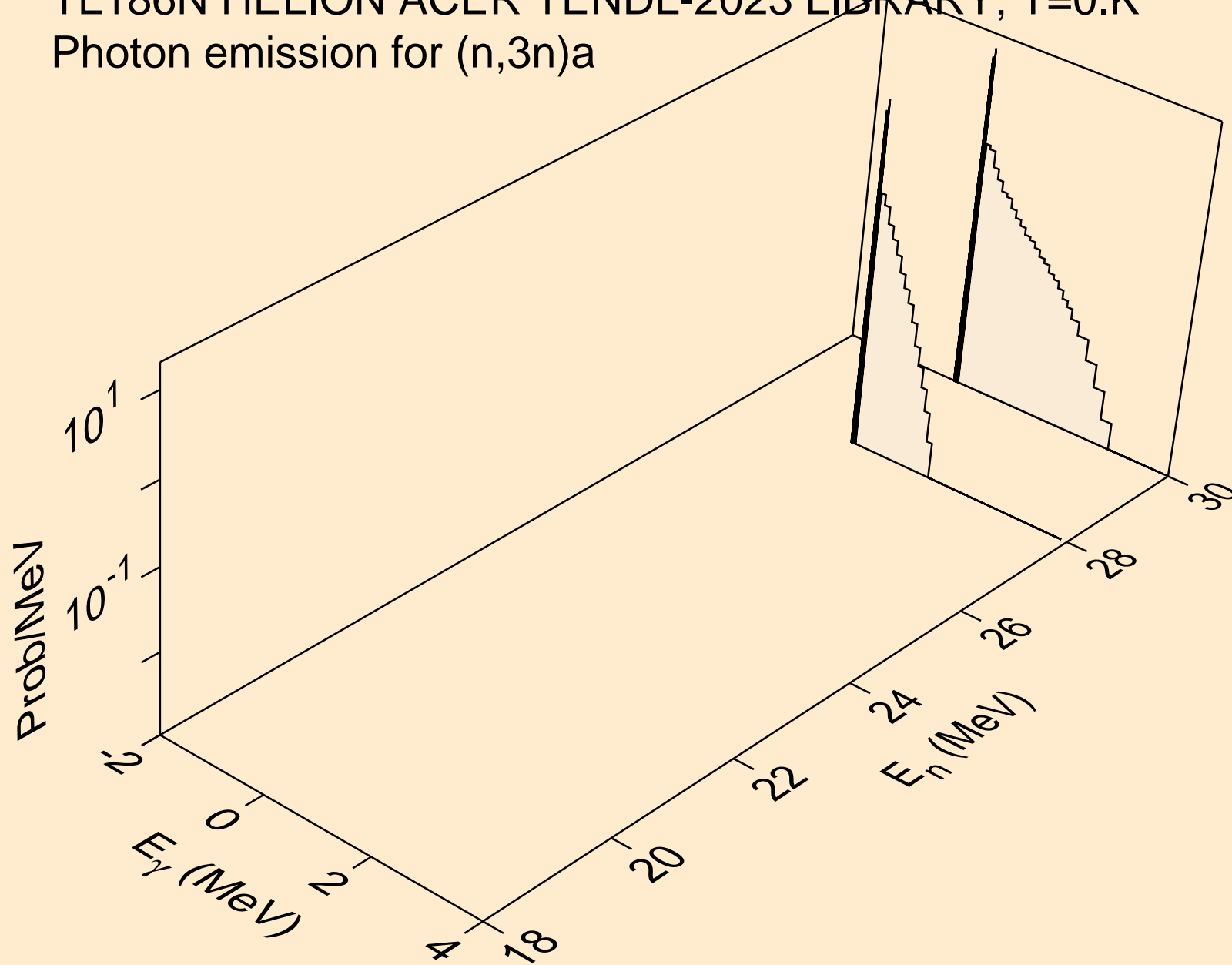
TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

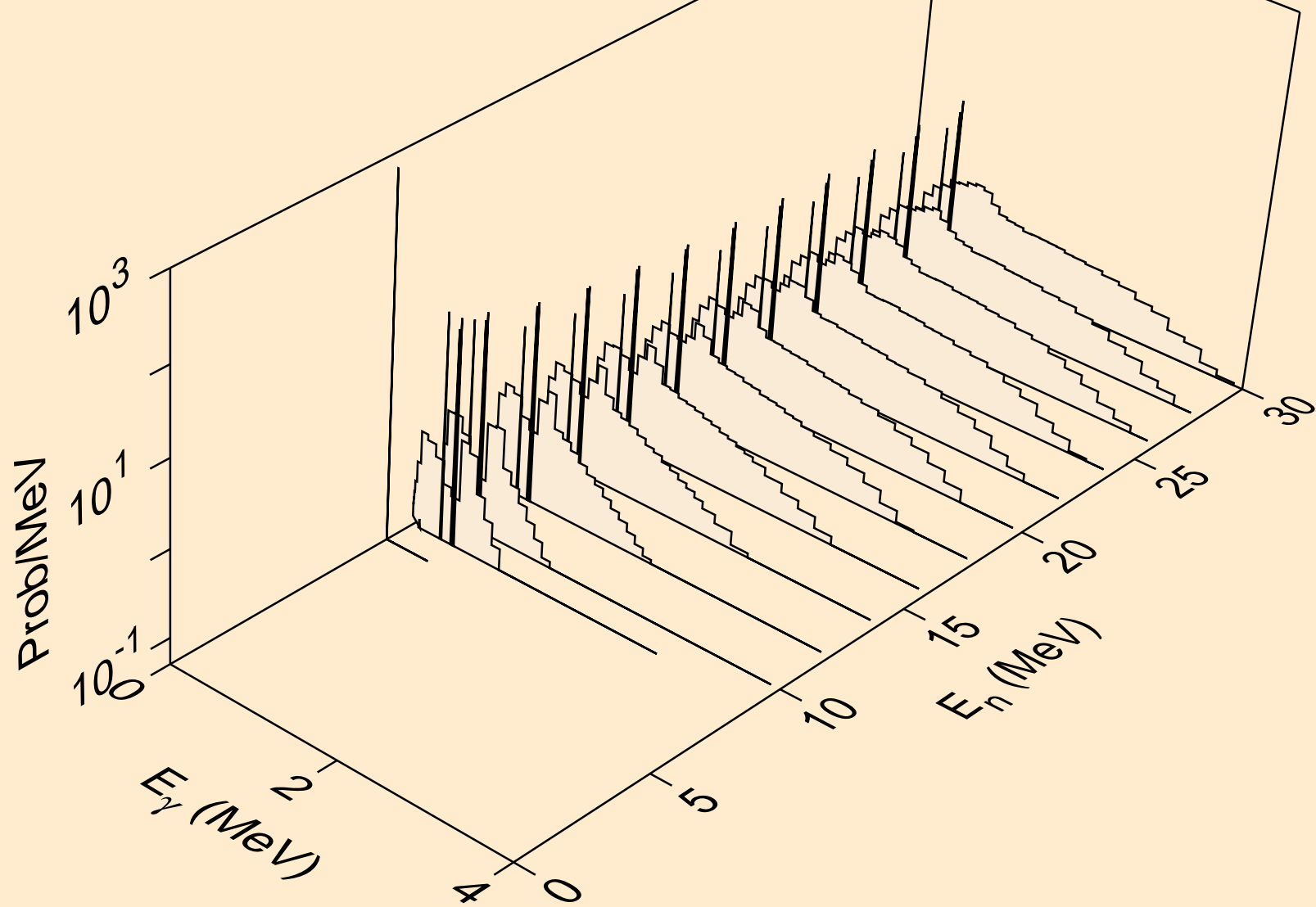


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Photon emission for (n,3n)a

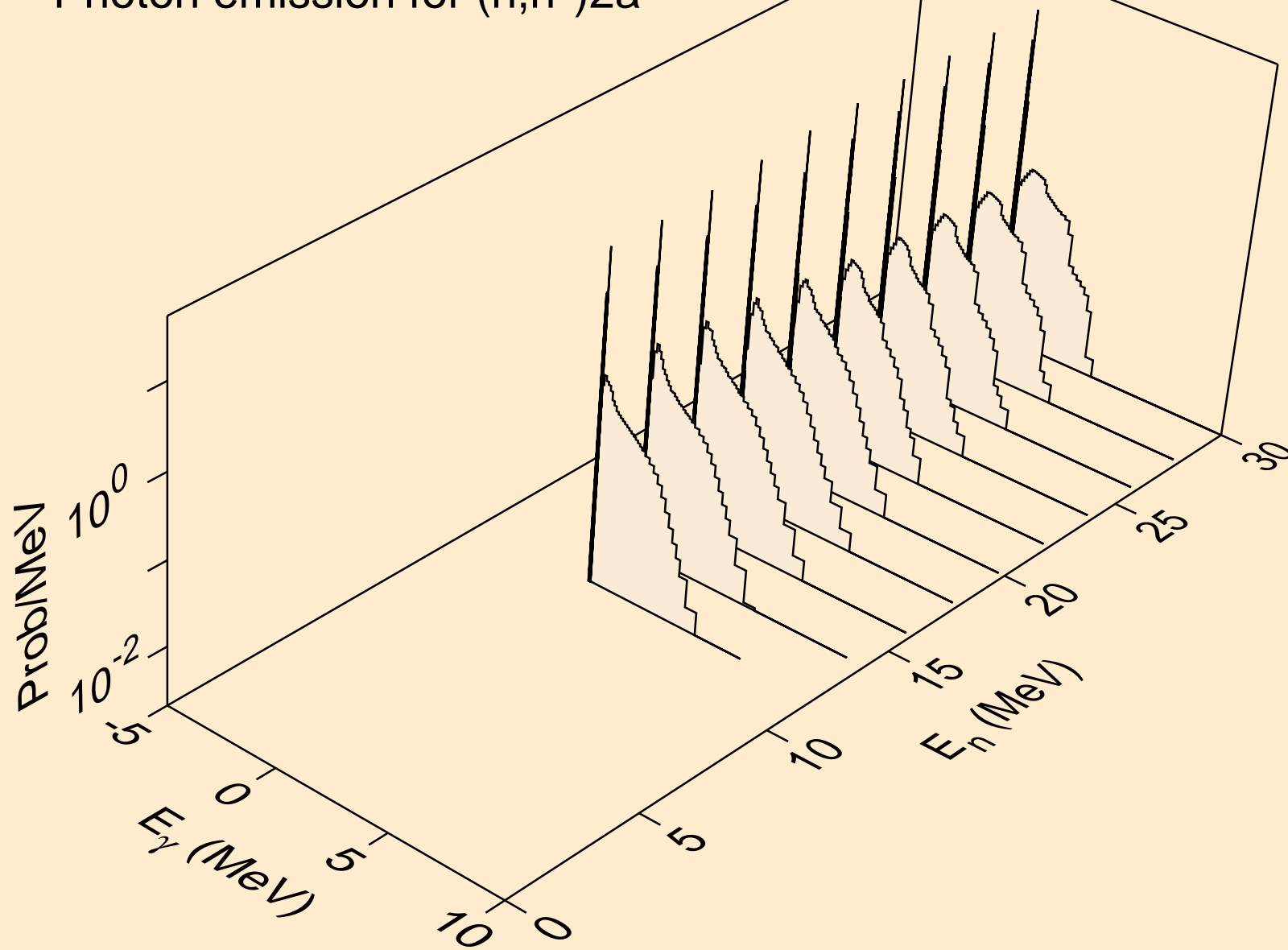




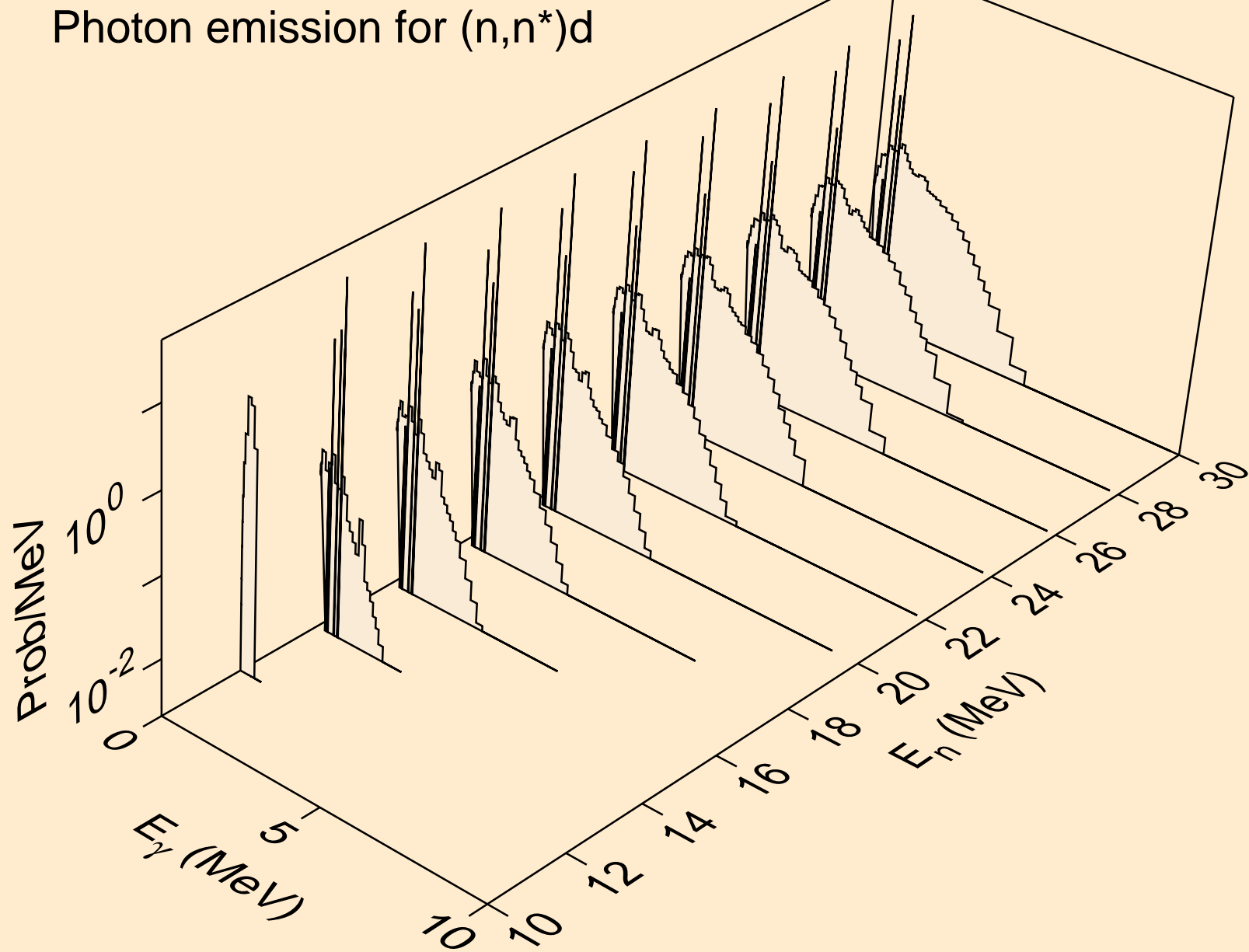
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Photon emission for (n,n\*)p



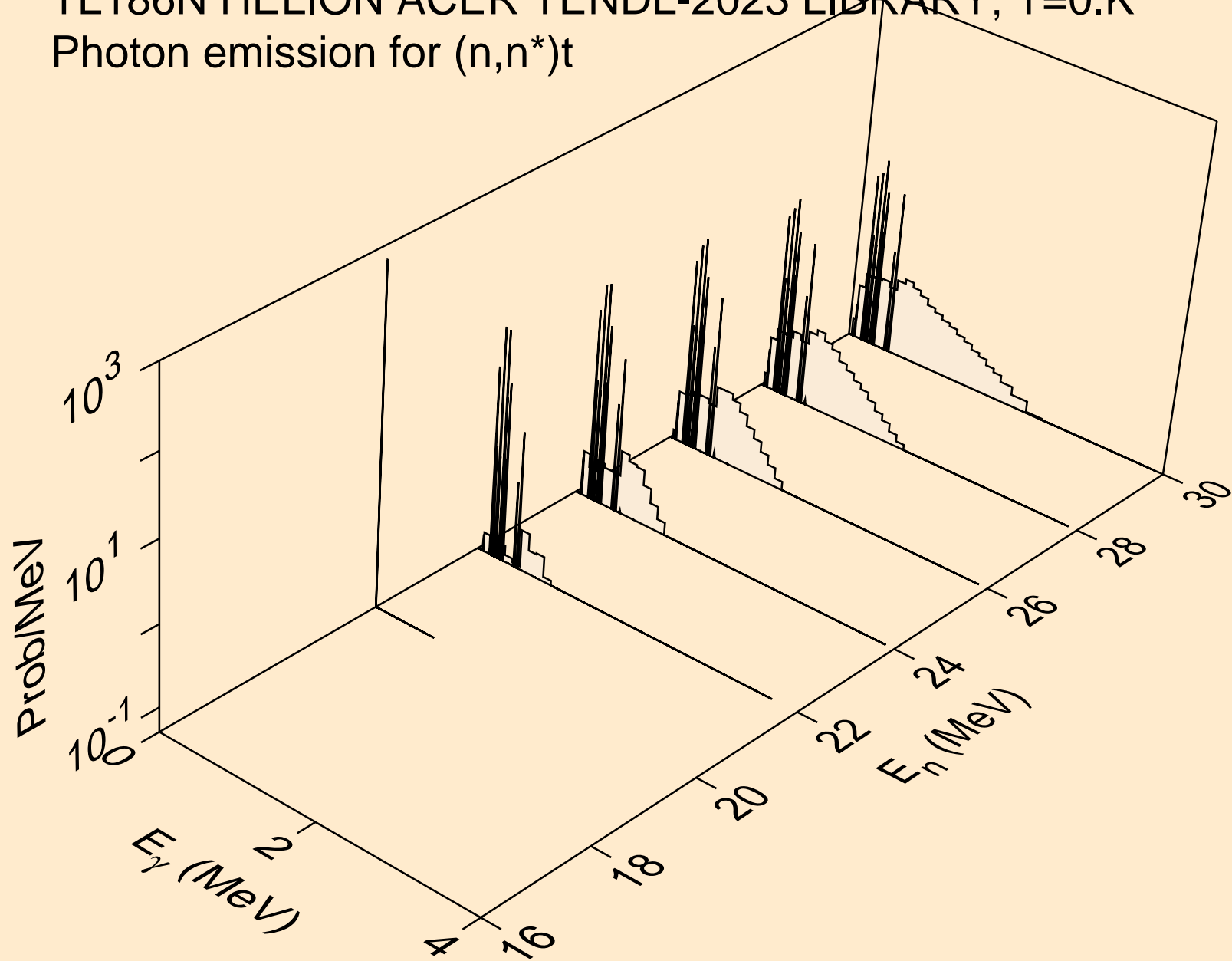
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Photon emission for (n,n\*)2a



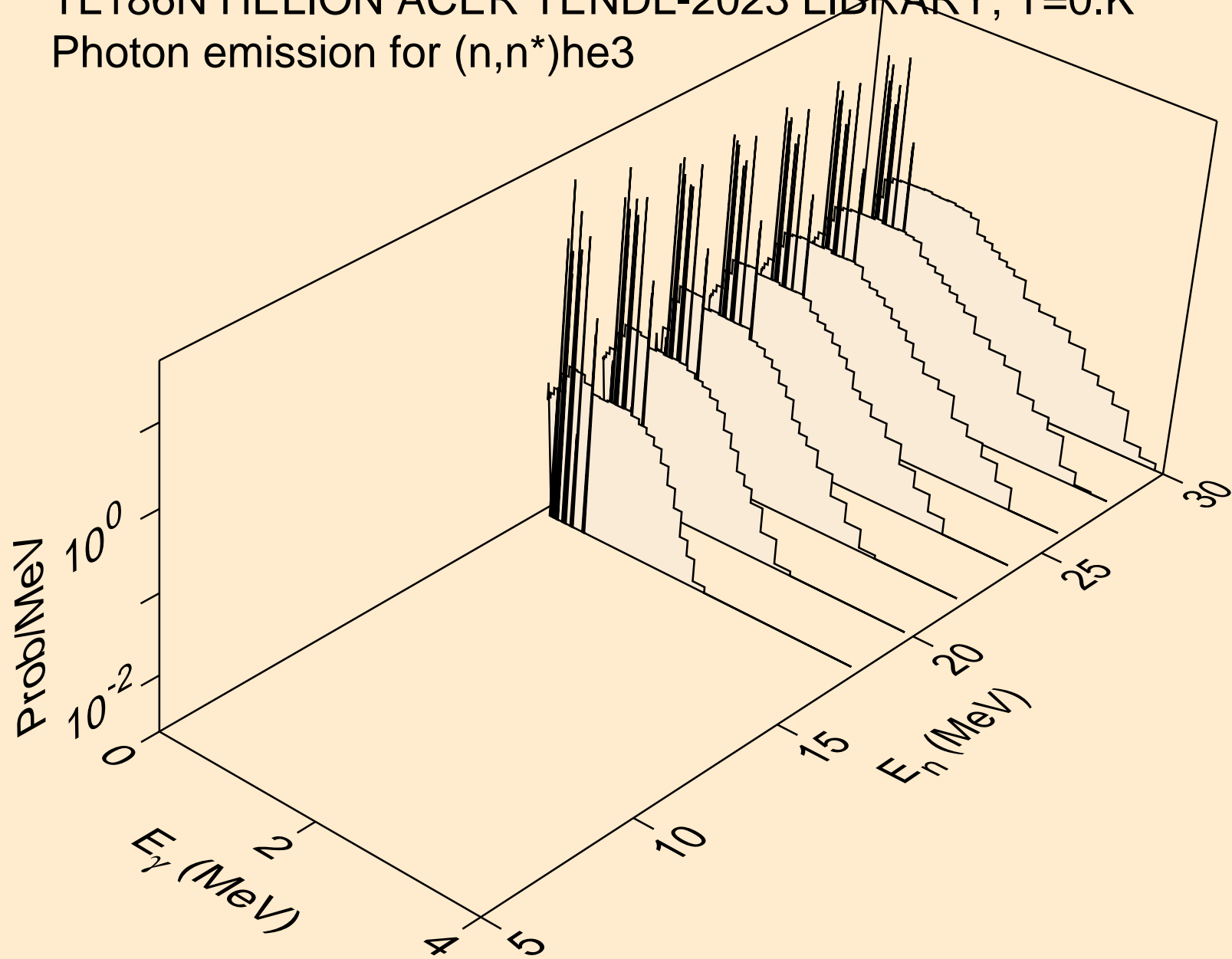
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Photon emission for (n,n\*)d



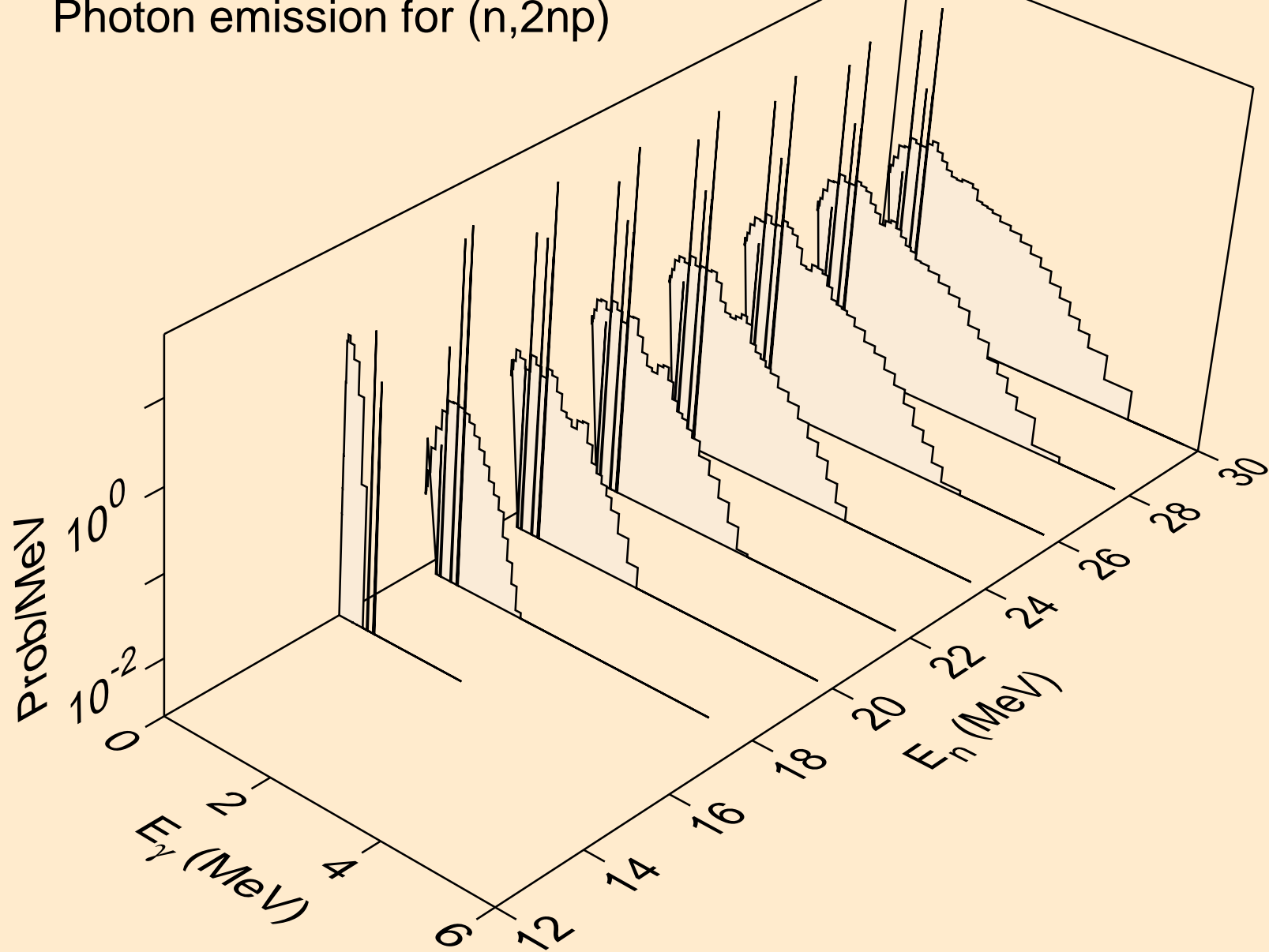
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Photon emission for (n,n\*)t



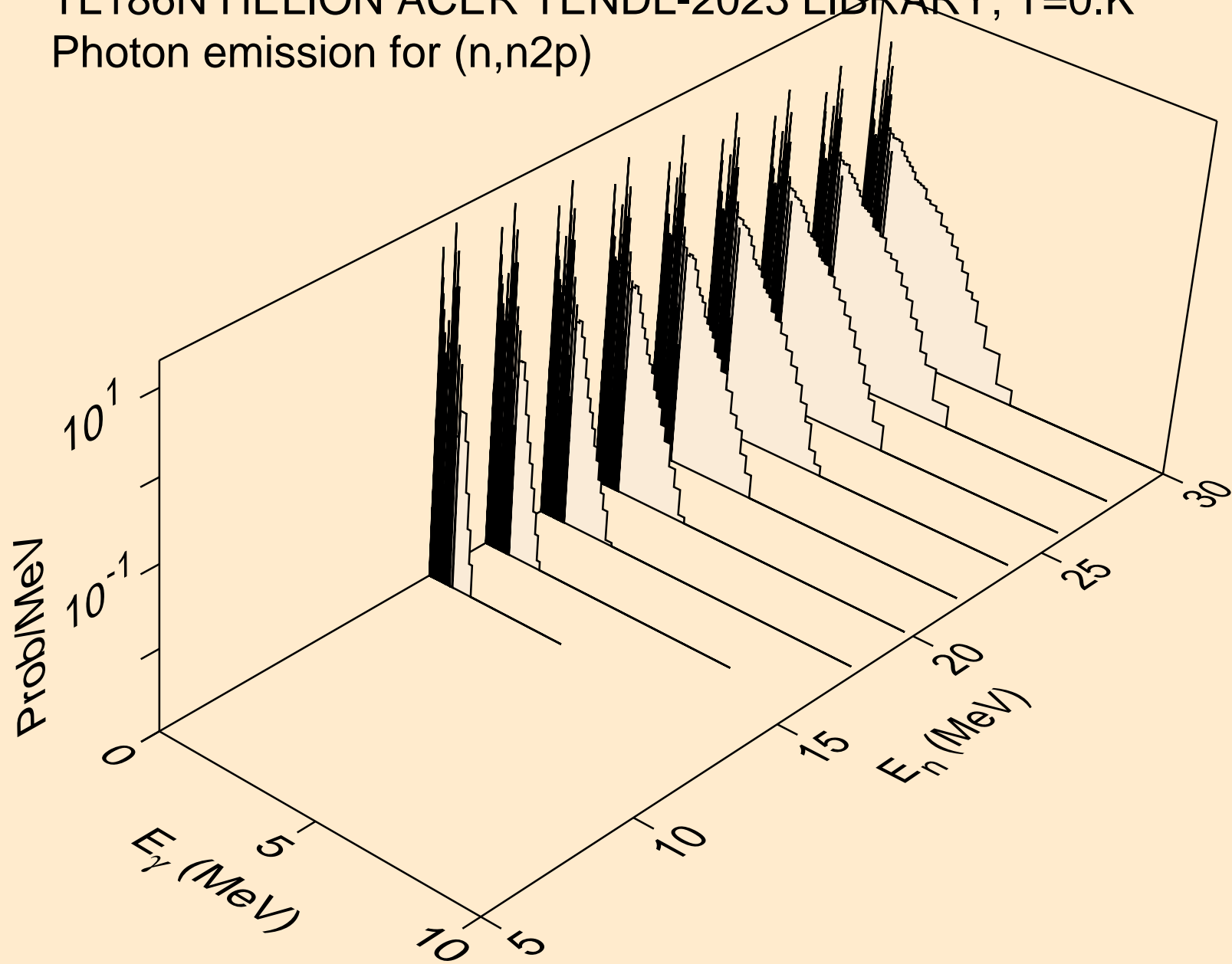
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Photon emission for (n,n\*)he3



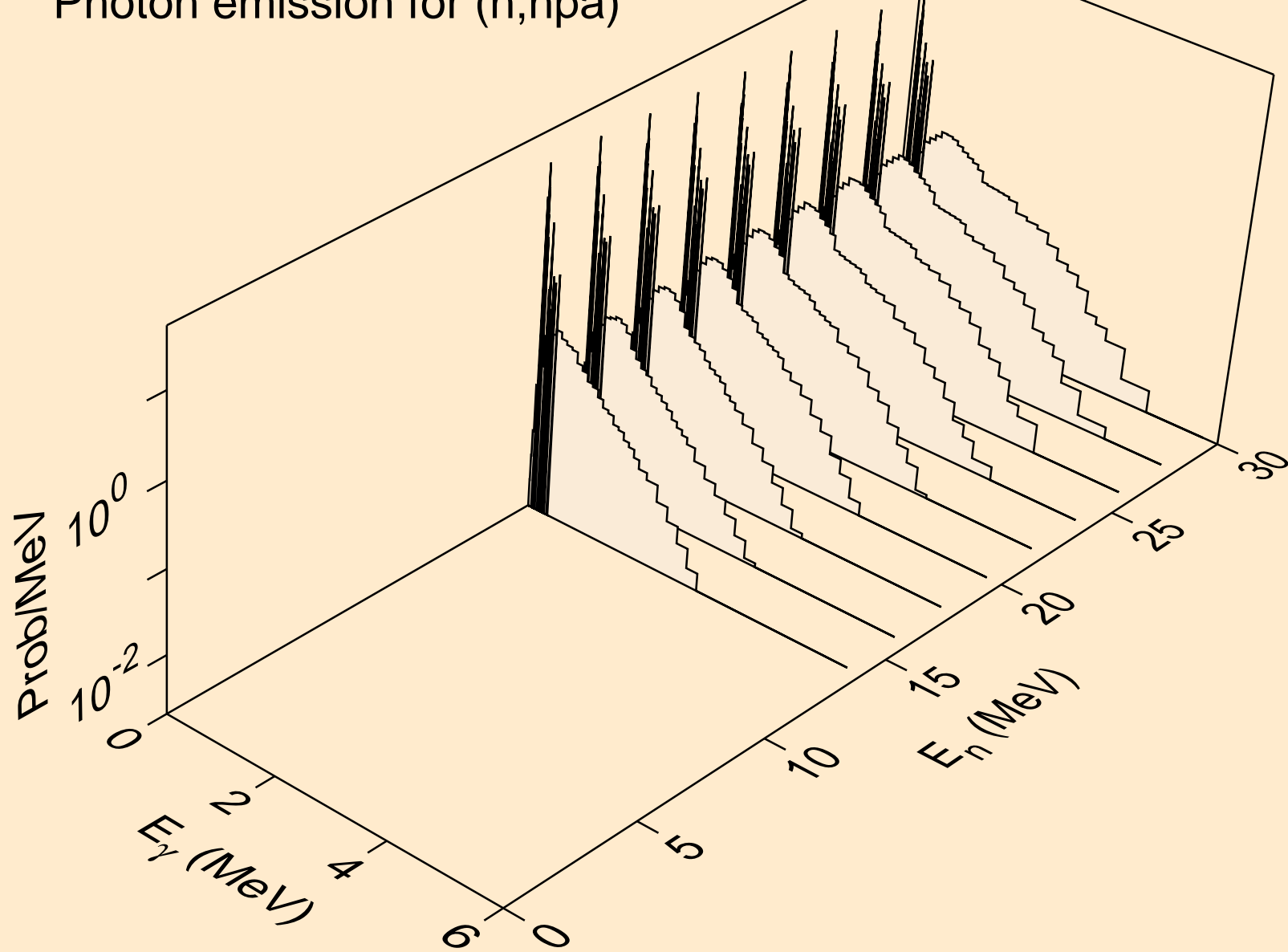
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Photon emission for (n,2np)



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

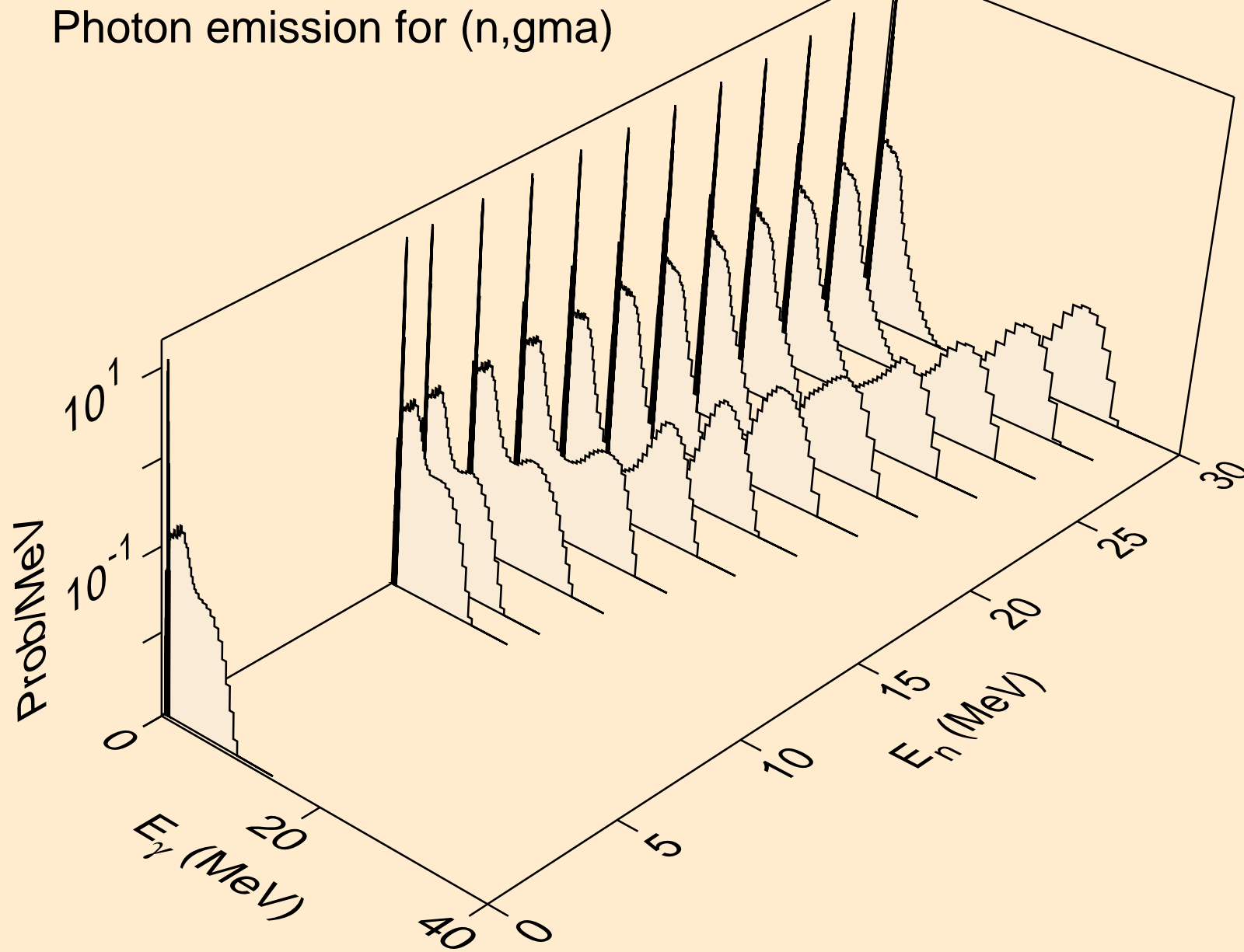


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Photon emission for (n,npa)

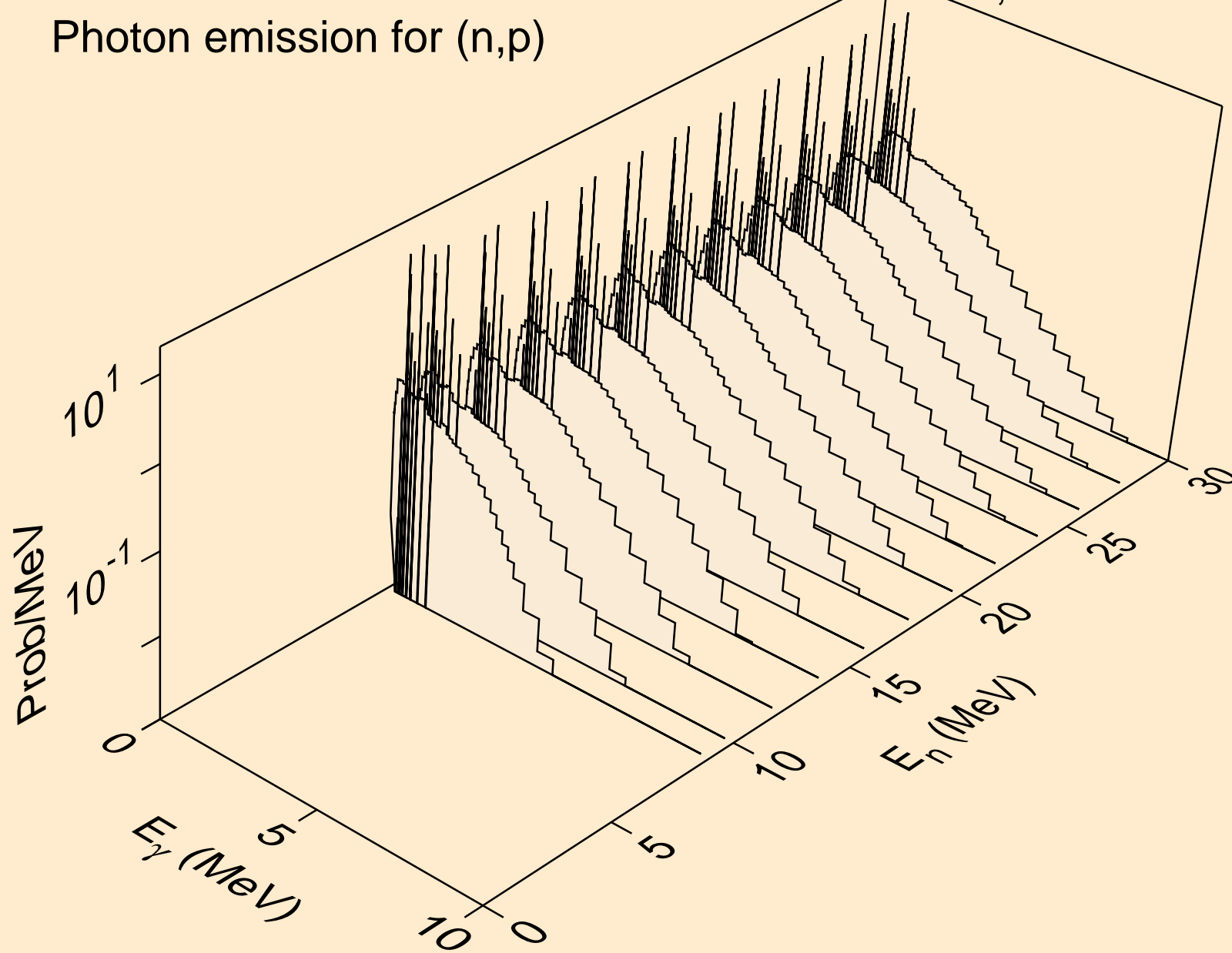




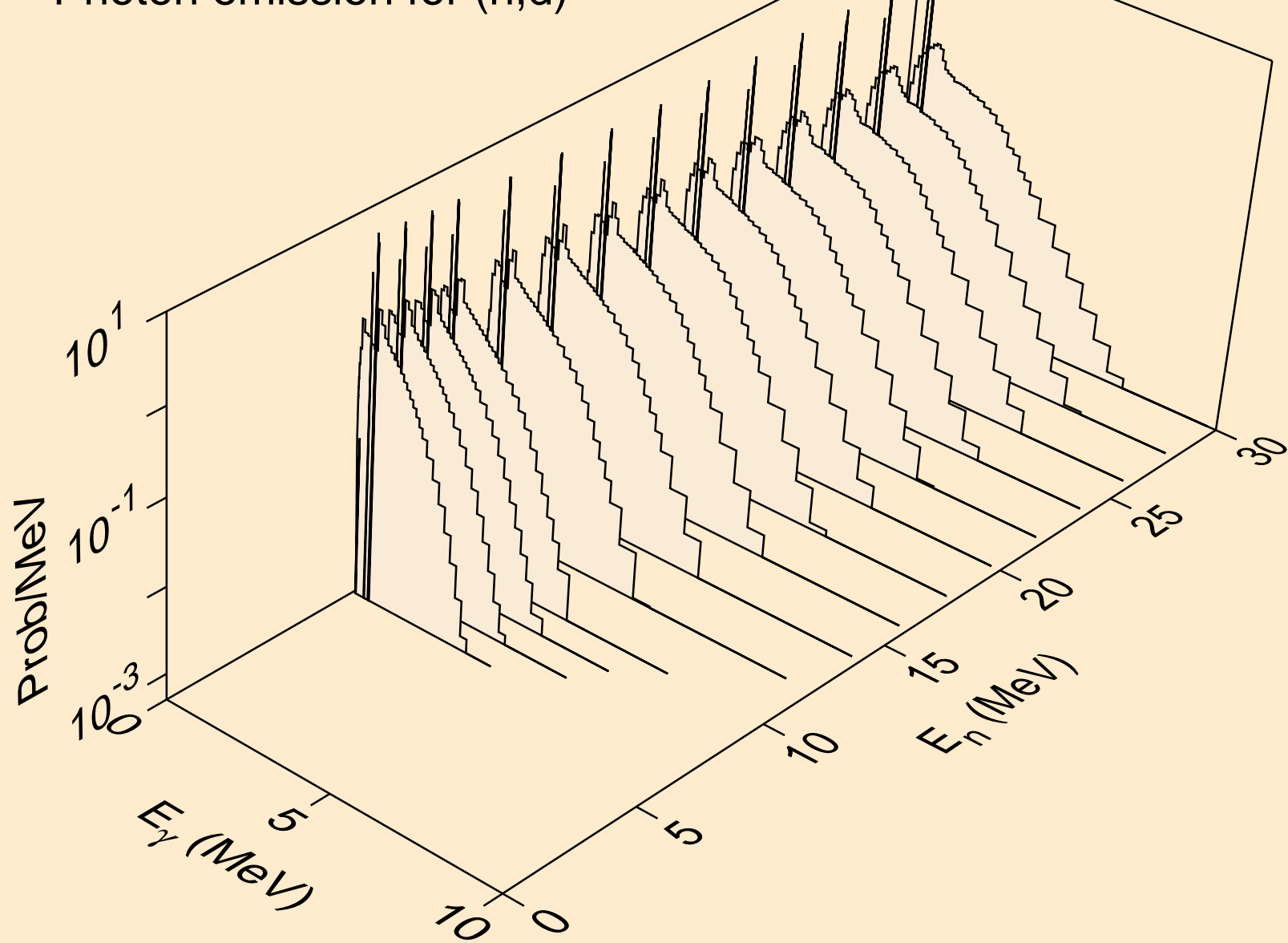
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Photon emission for (n,gma)



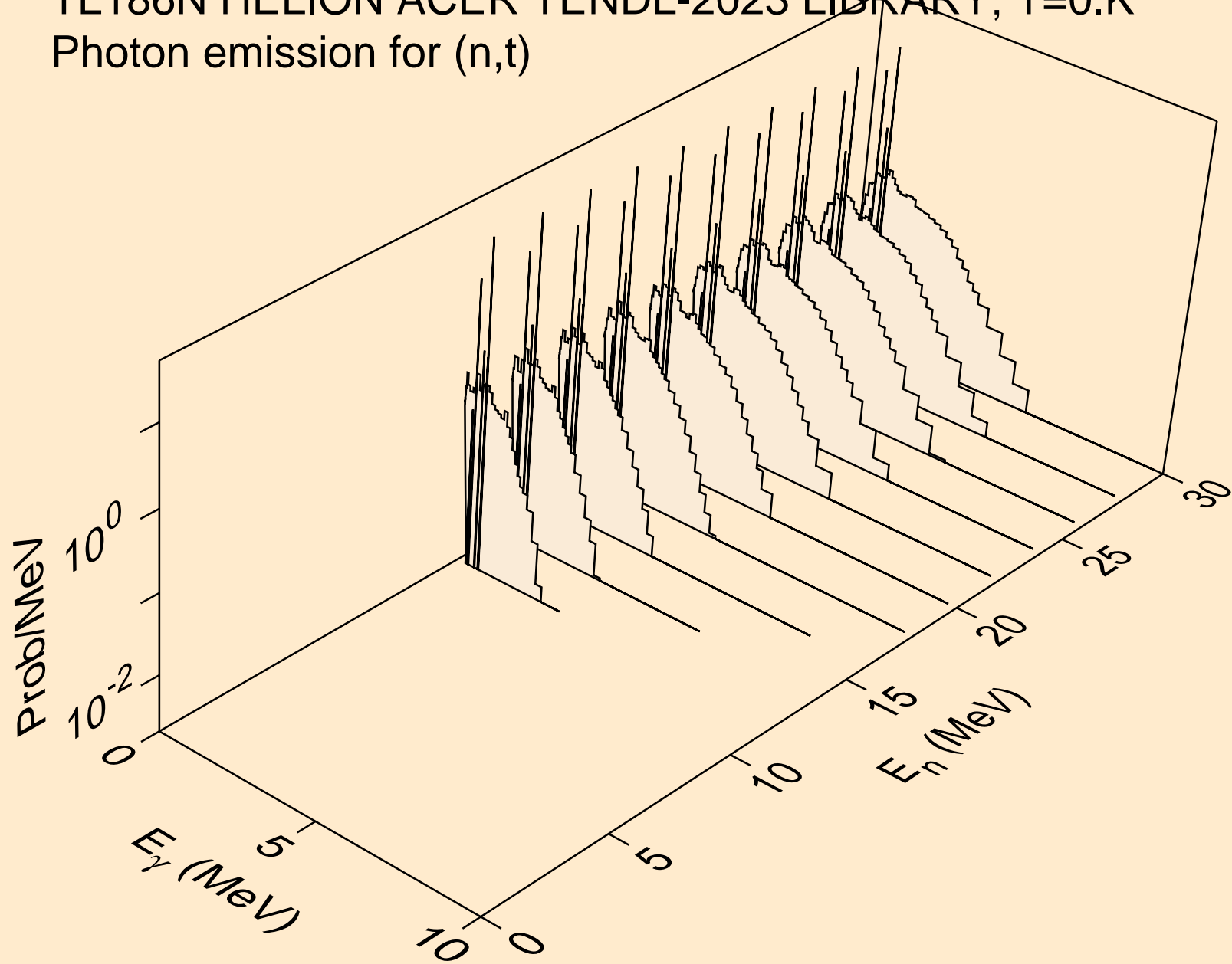
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Photon emission for (n,p)



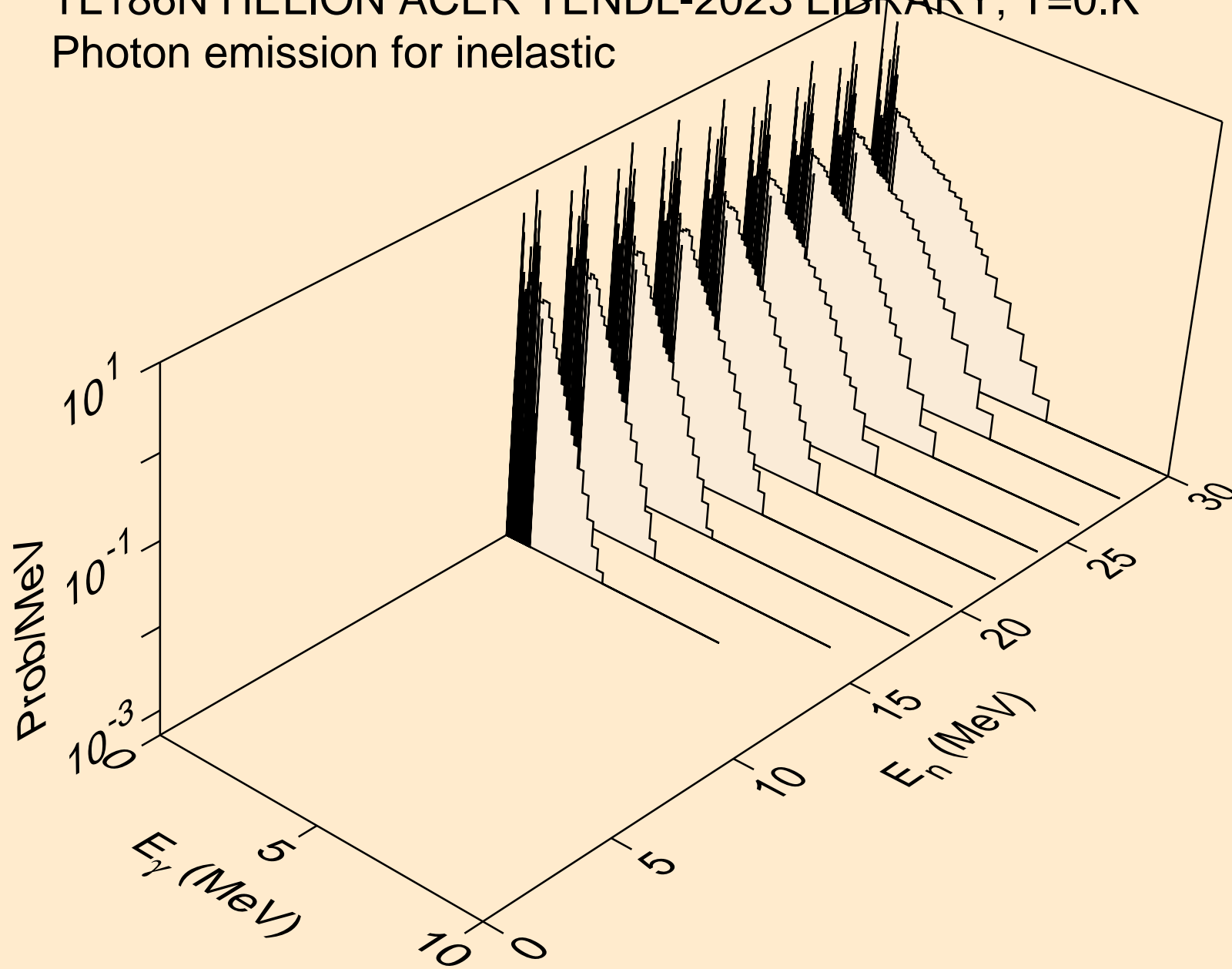
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Photon emission for (n,d)



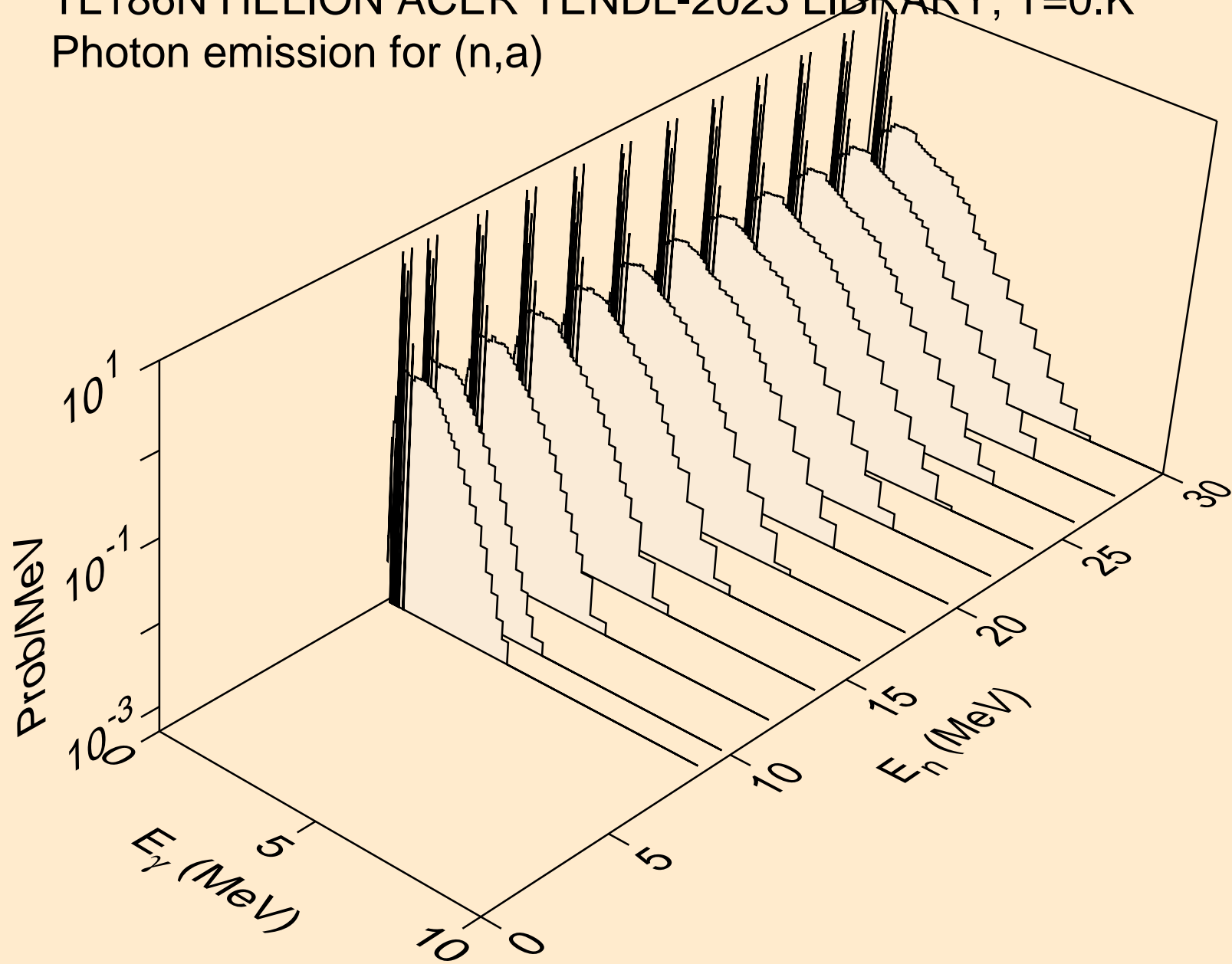
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Photon emission for (n,t)



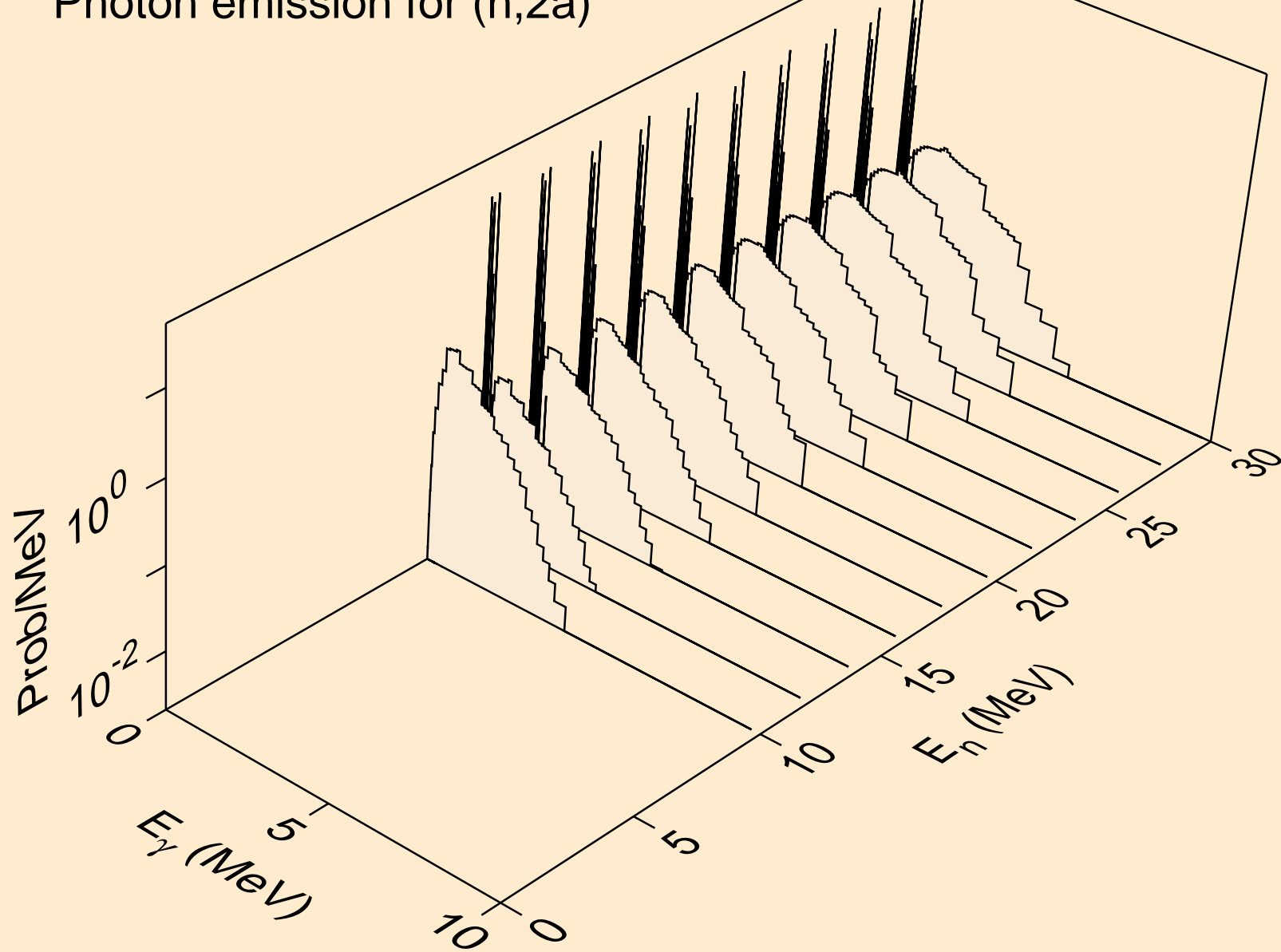
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Photon emission for inelastic



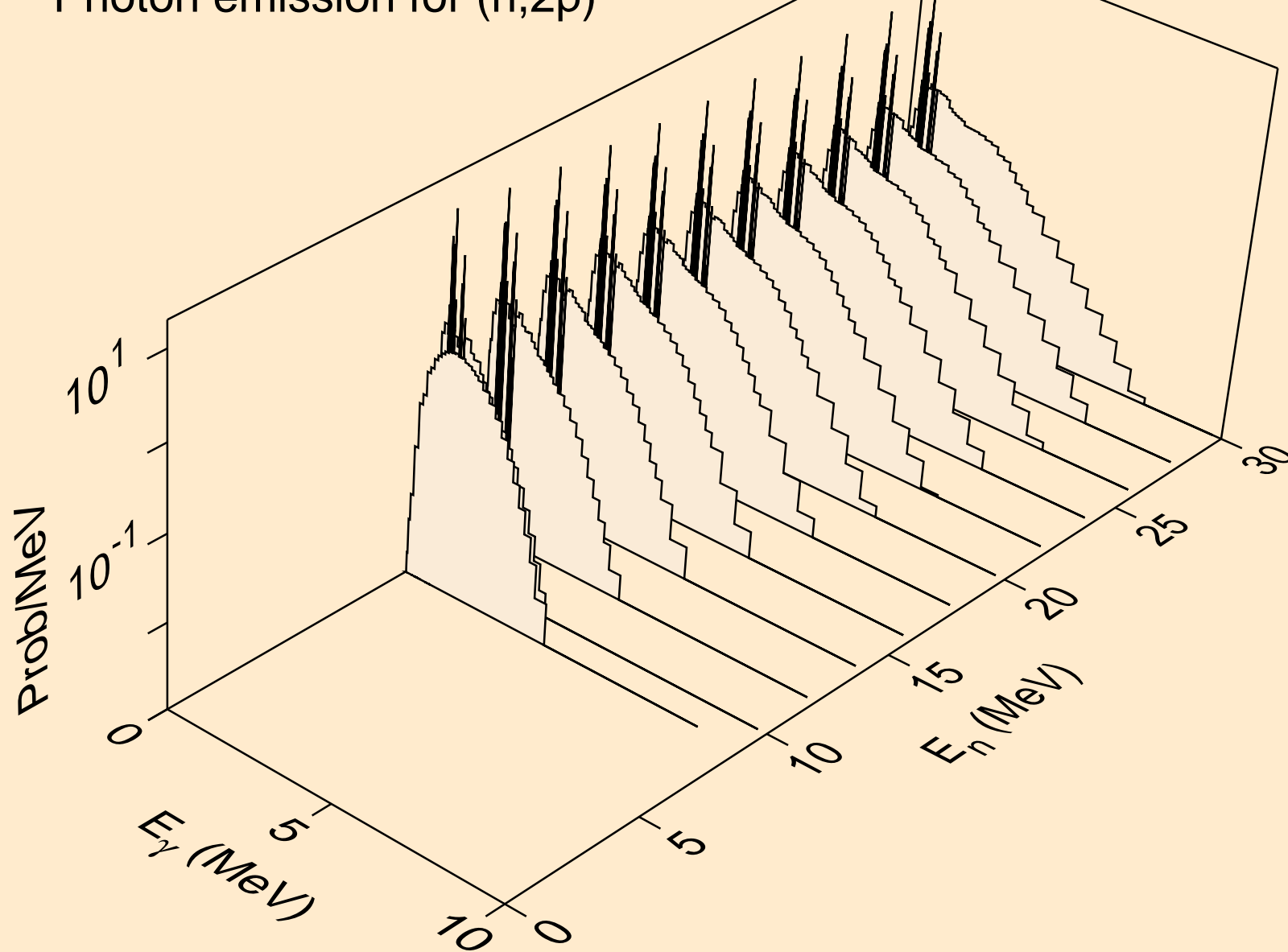
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Photon emission for (n,a)



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

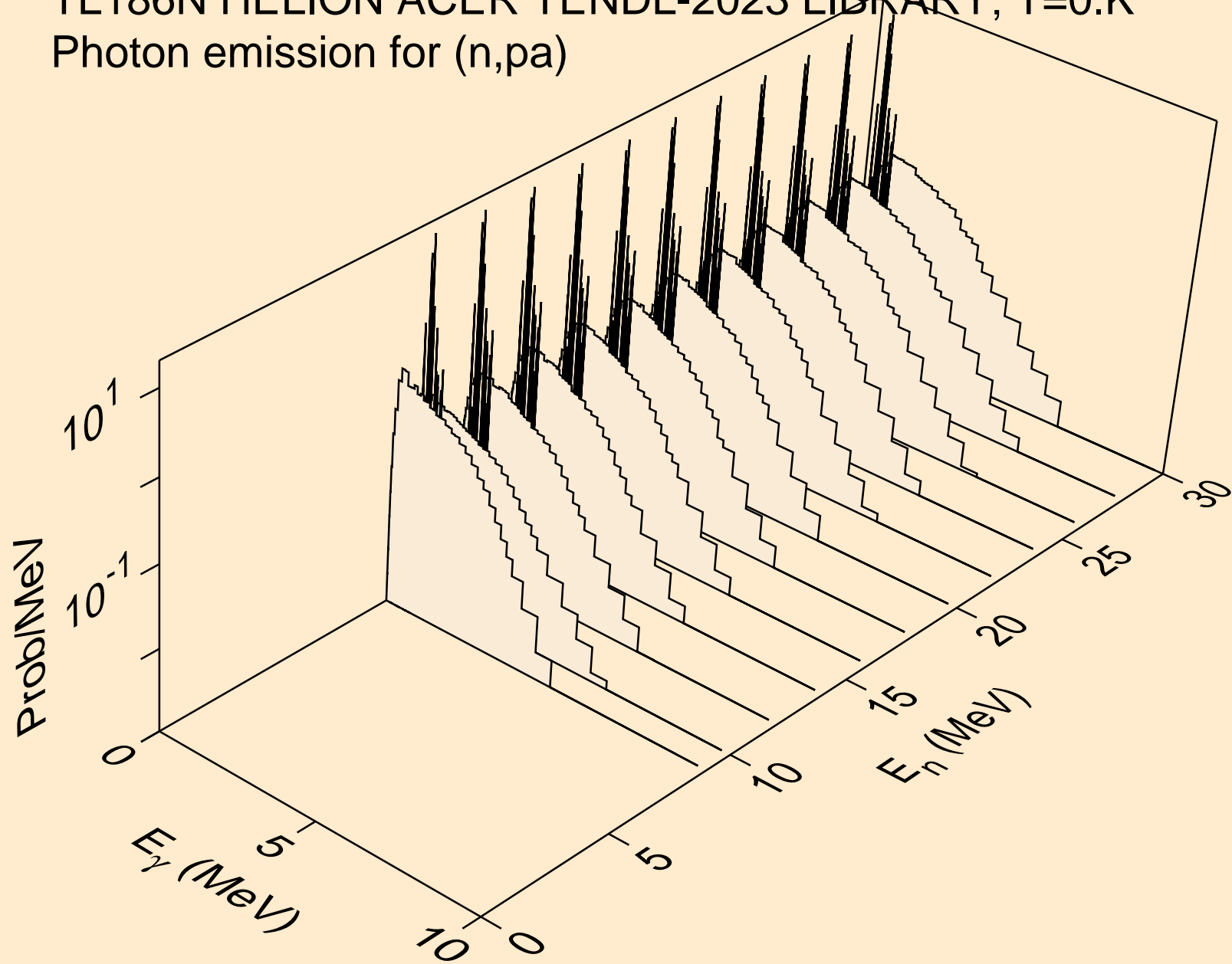


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Photon emission for (n,2p)

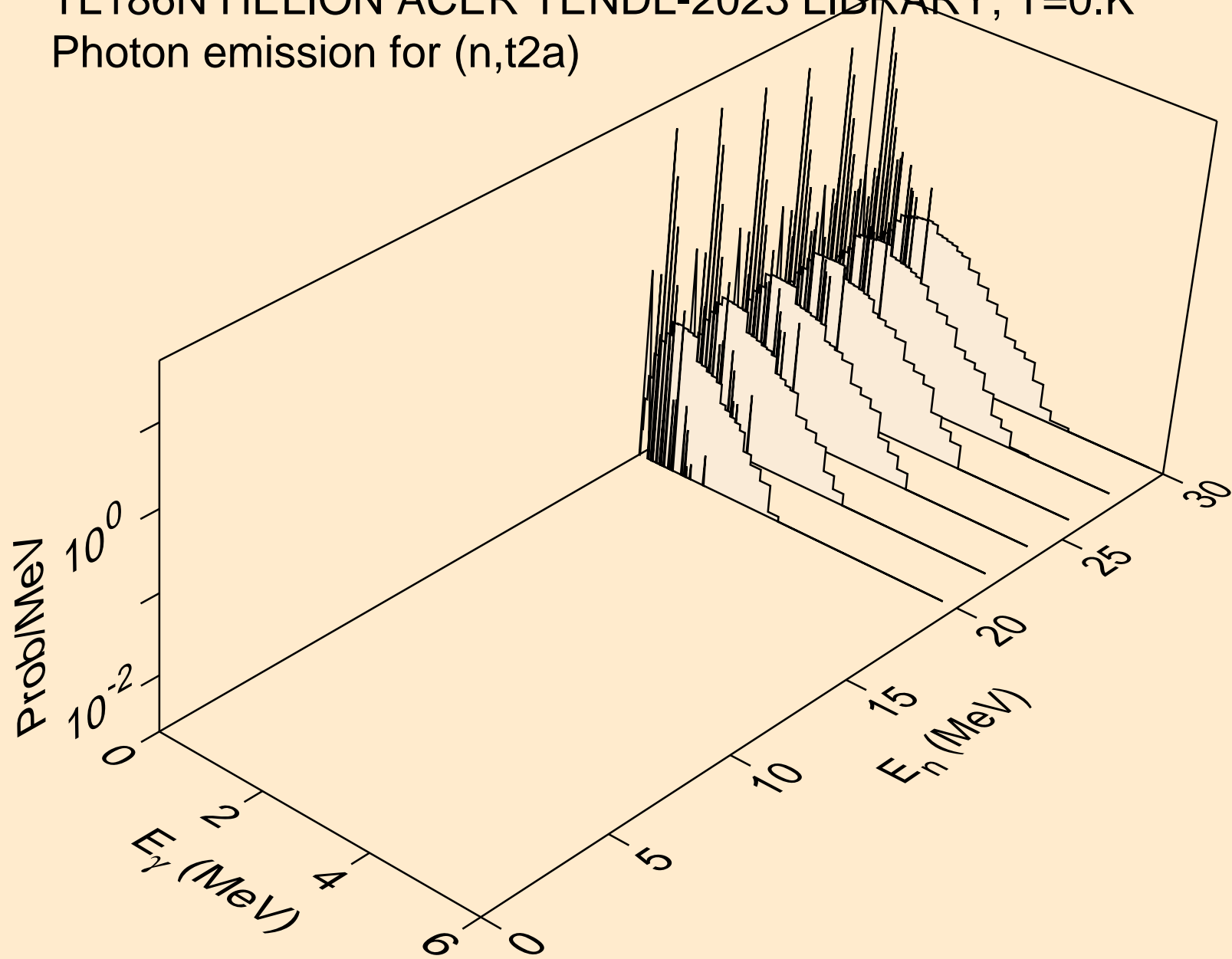




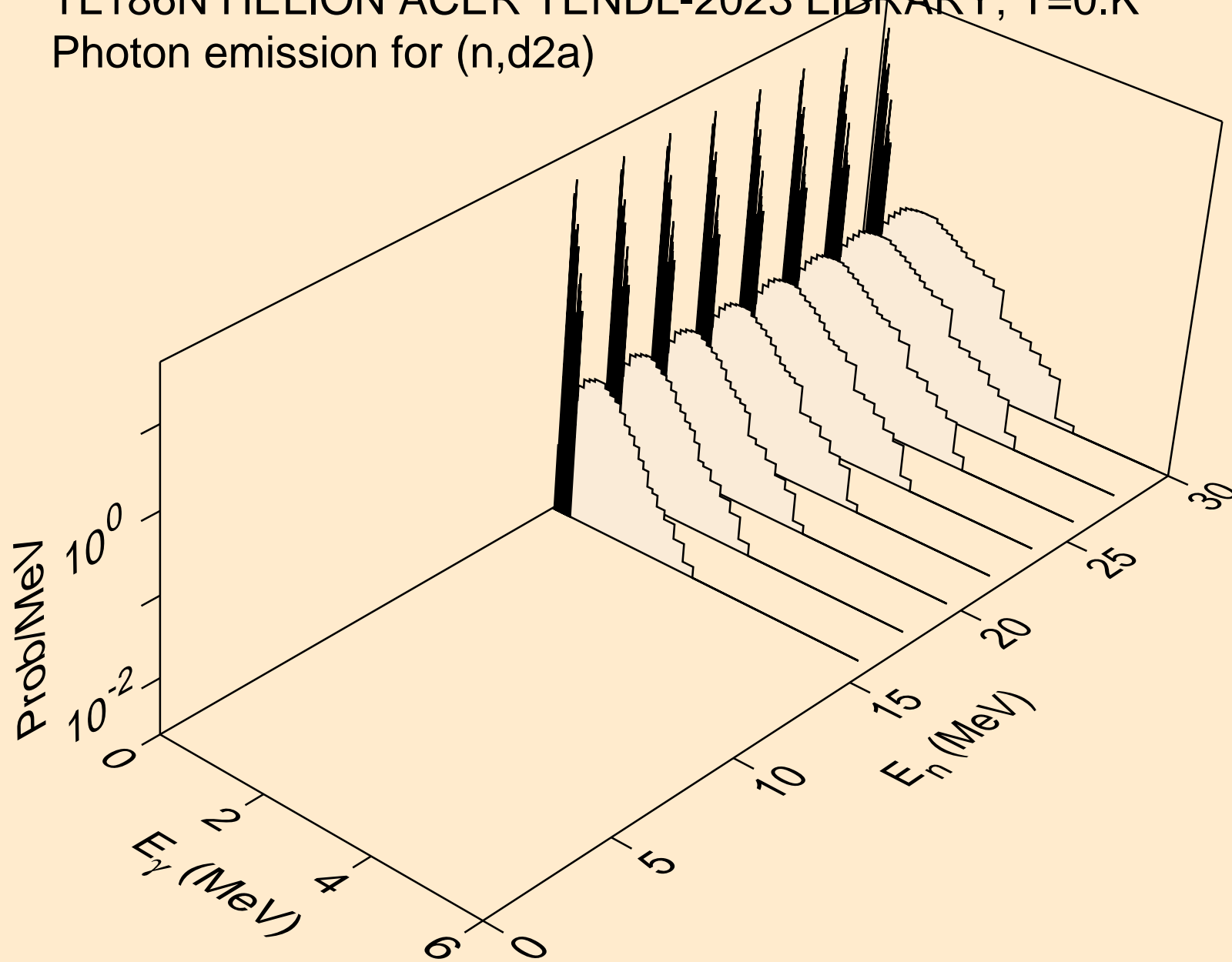
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Photon emission for (n,p $\alpha$ )



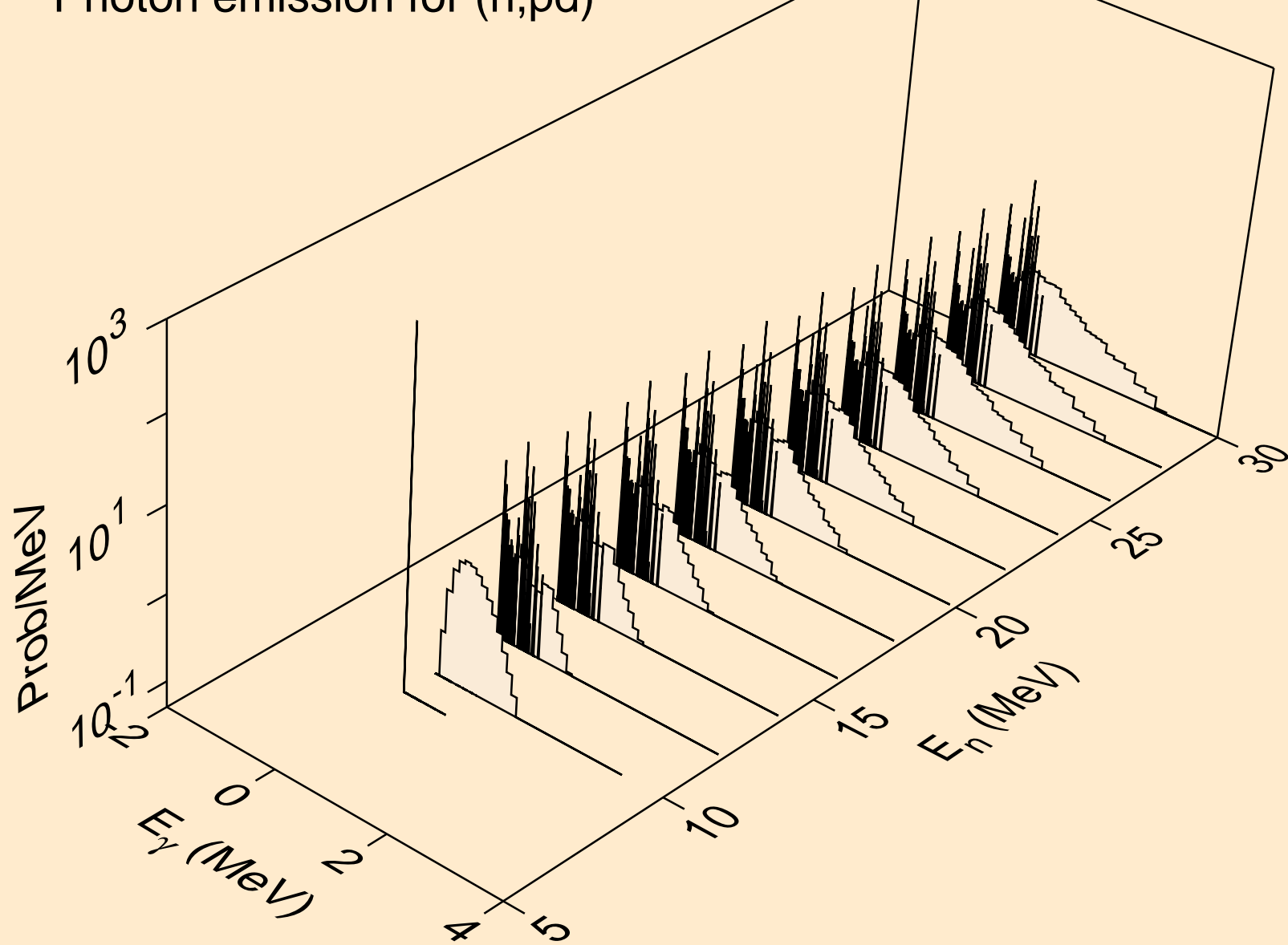
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Photon emission for (n,t2a)



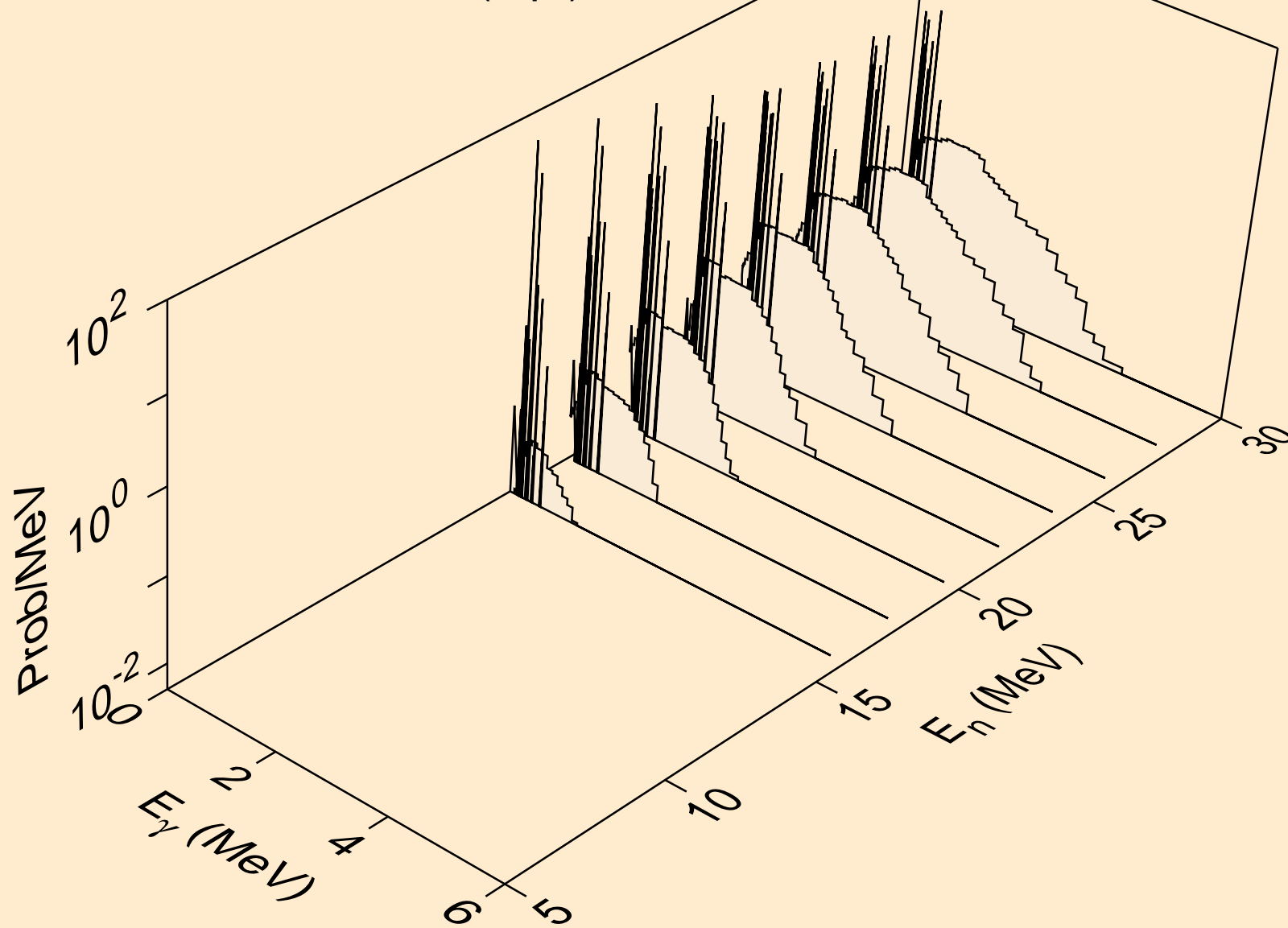
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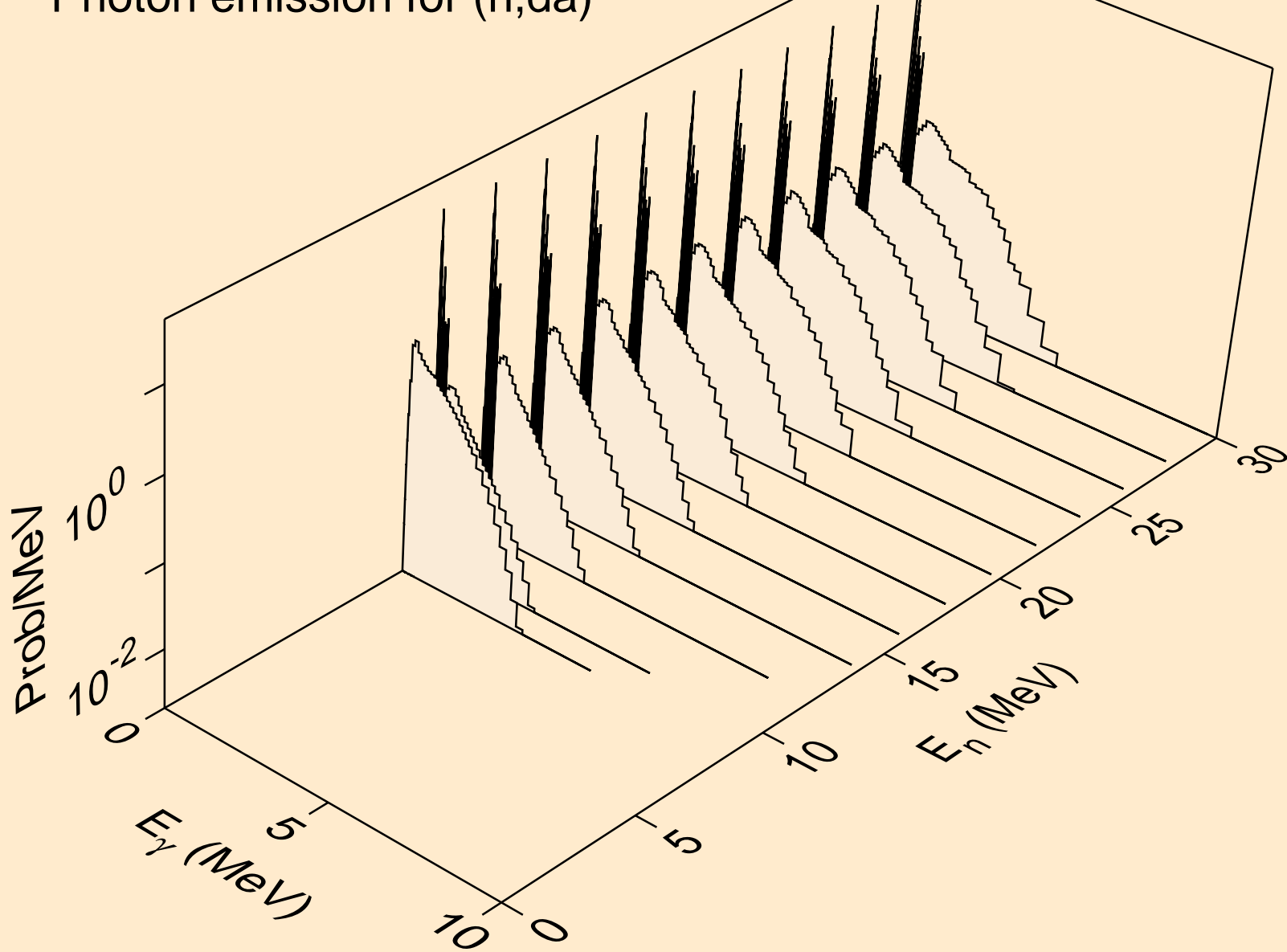
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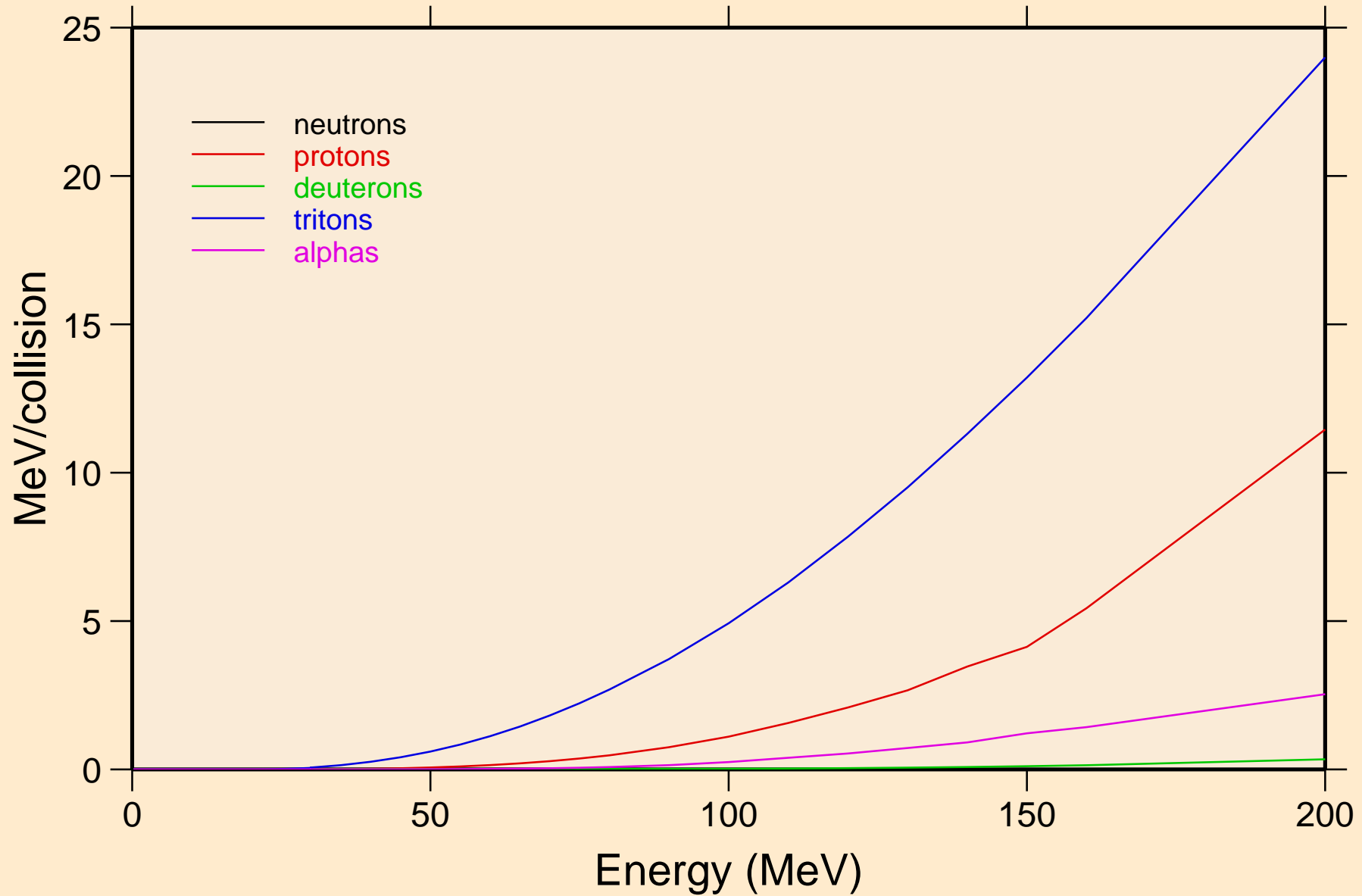
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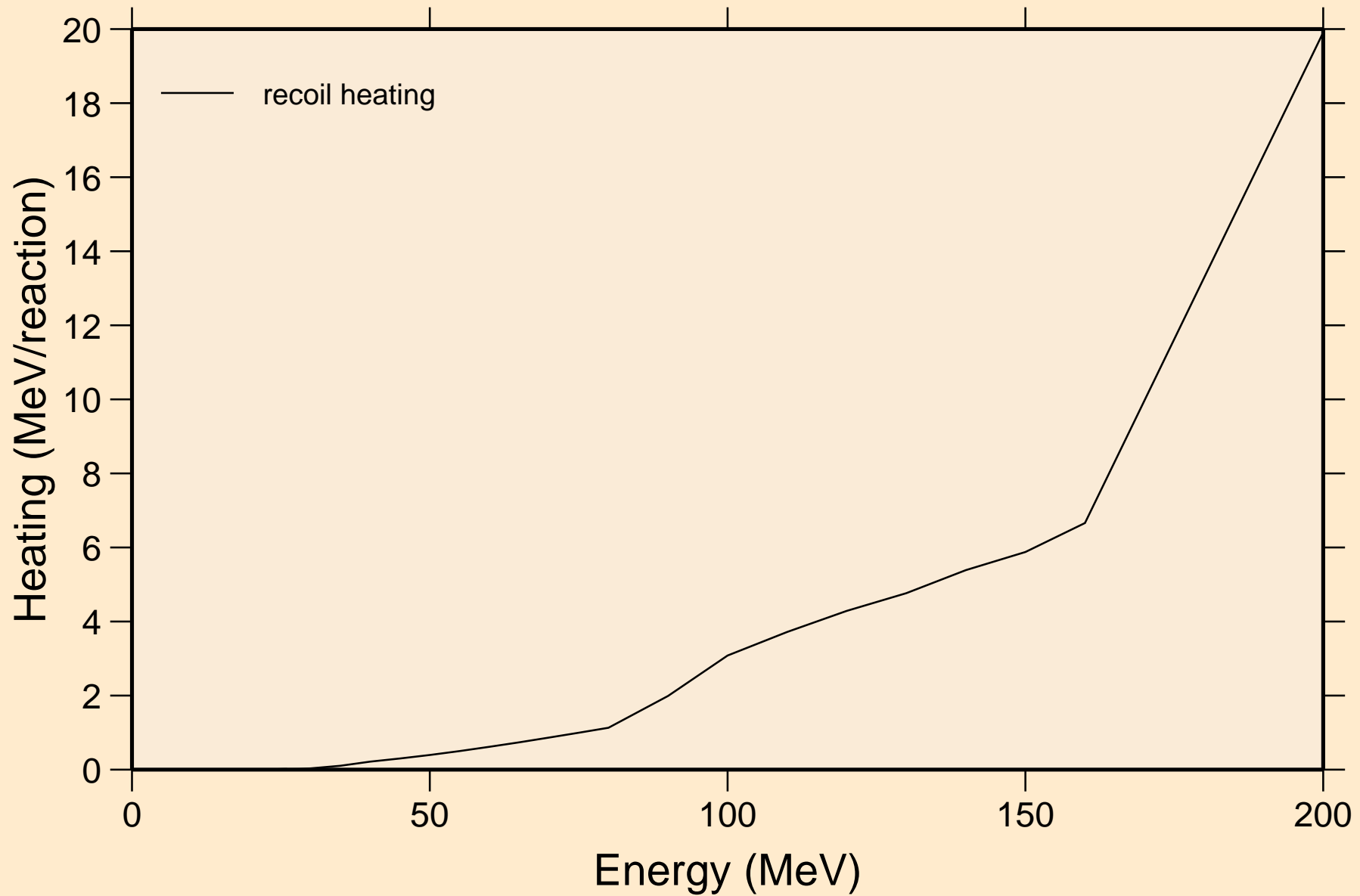
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Photon emission for (n,da)



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

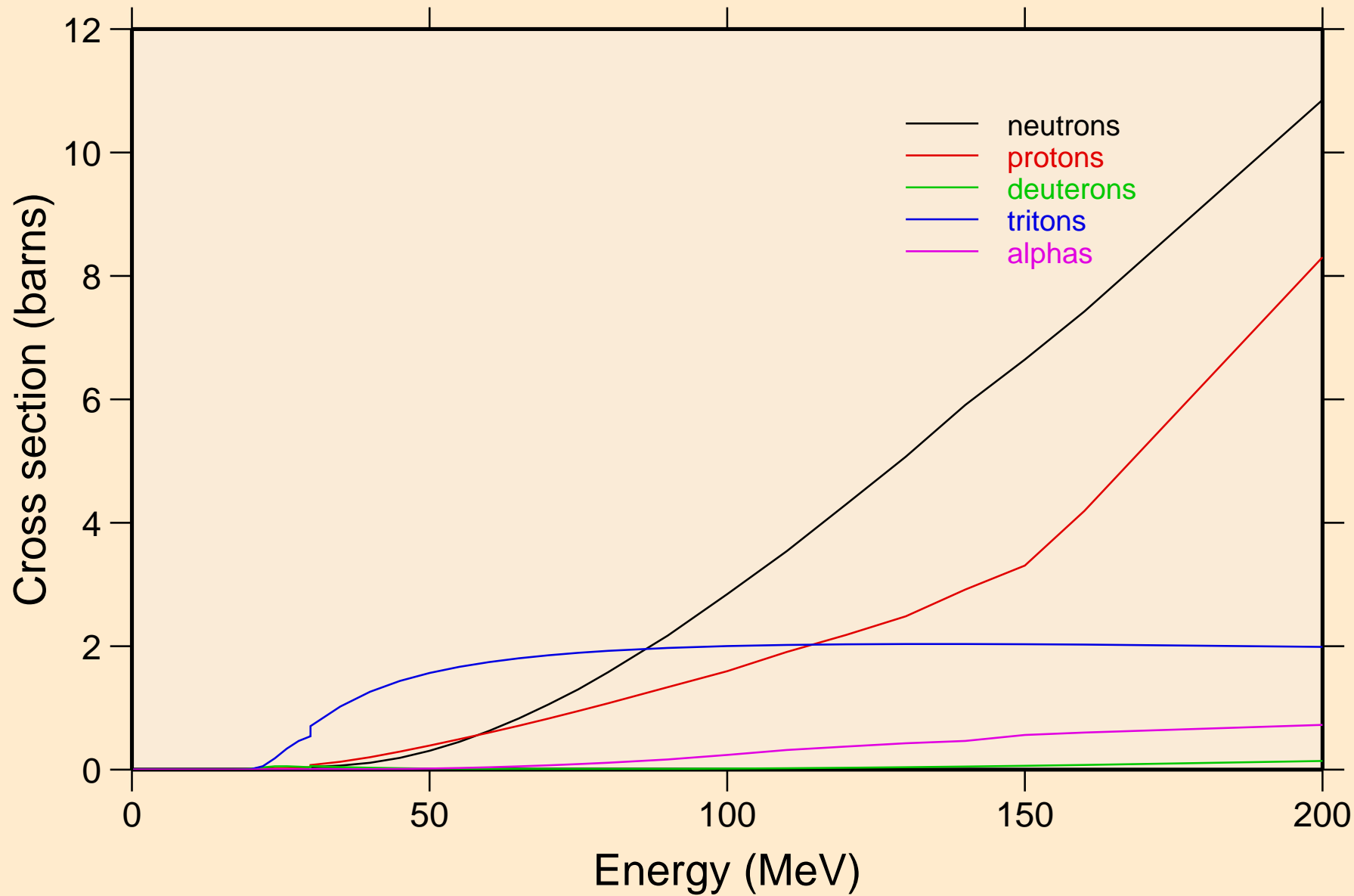


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Recoil Heating

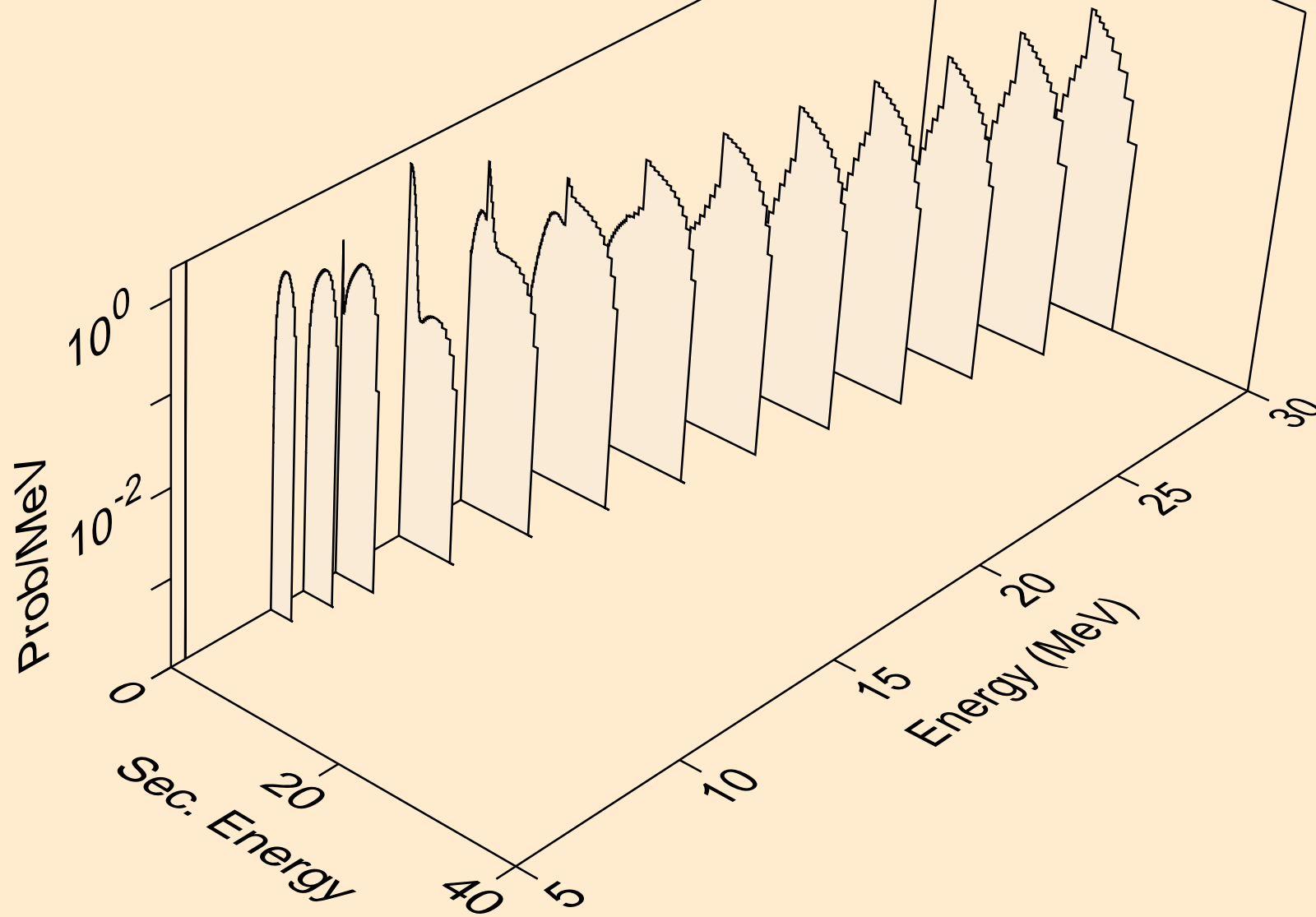




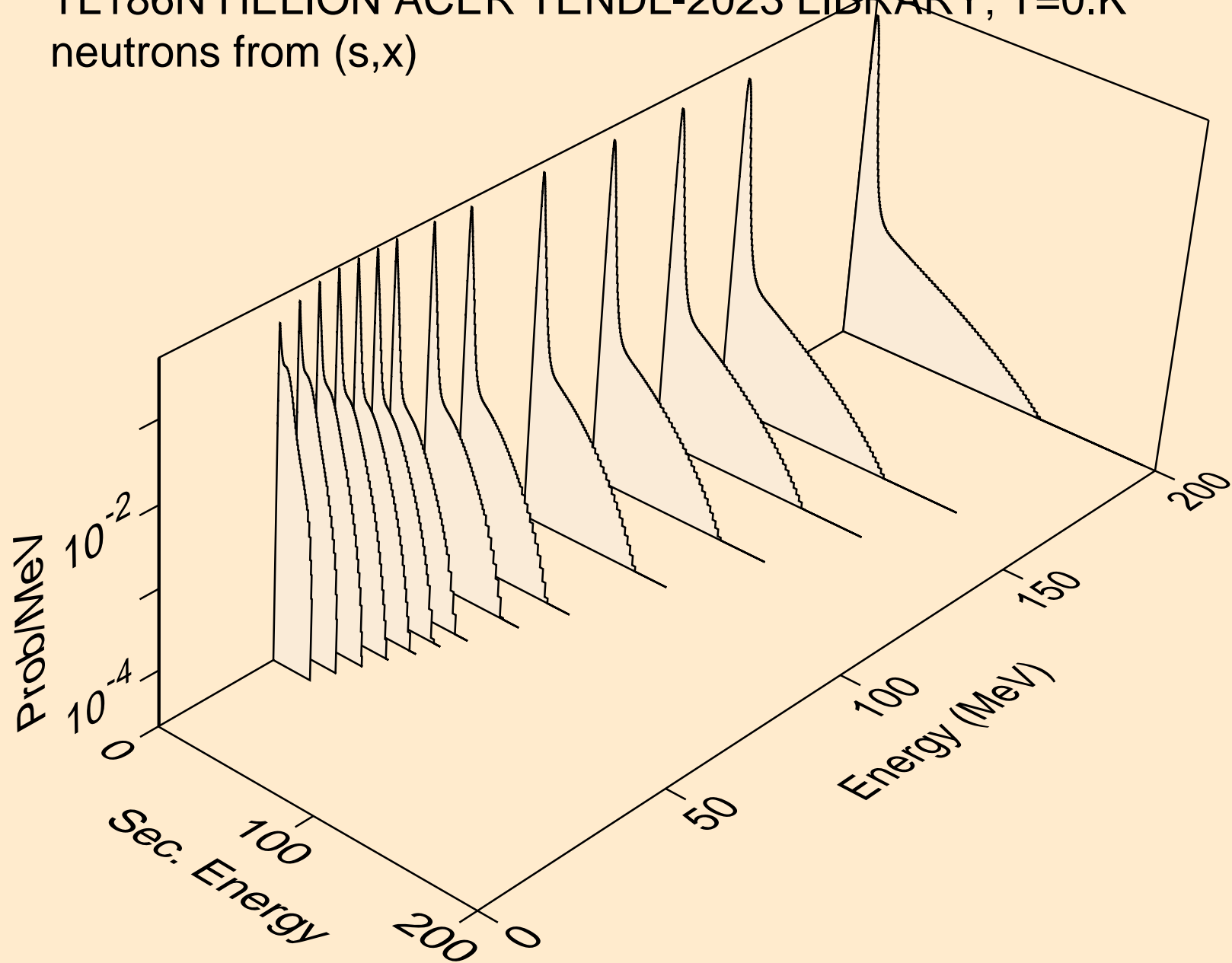
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Particle production cross sections



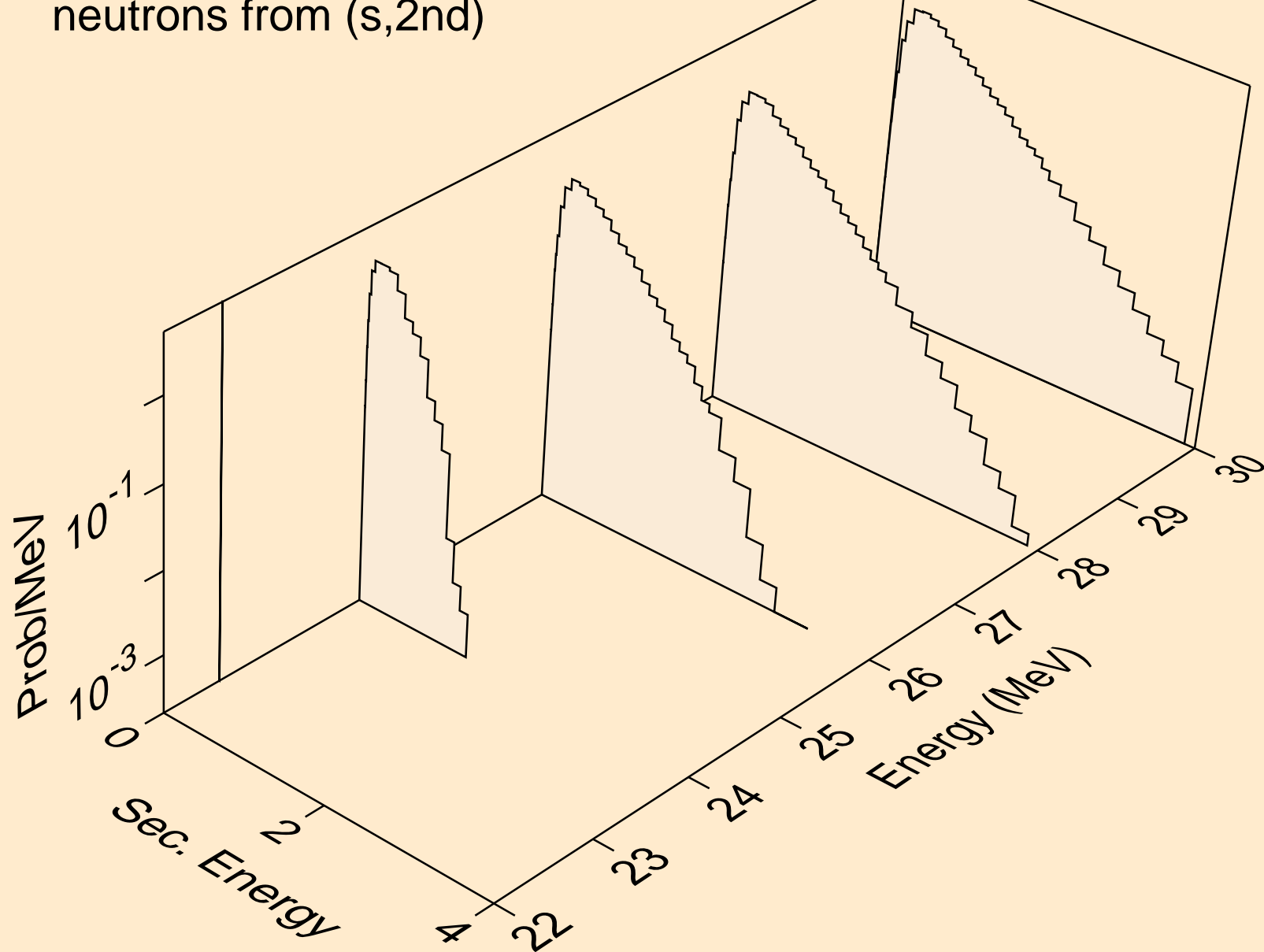
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neutrons from (s,n)



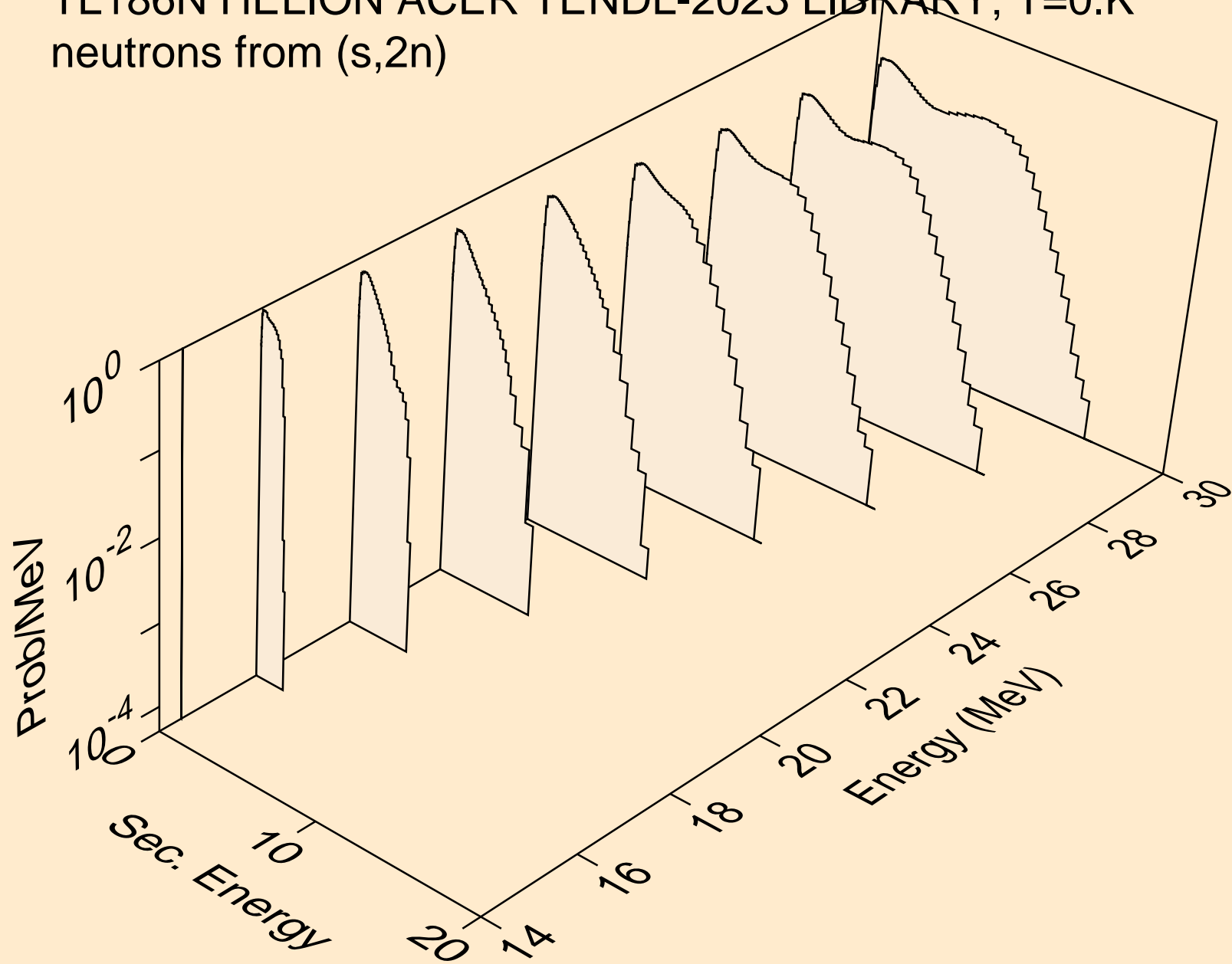
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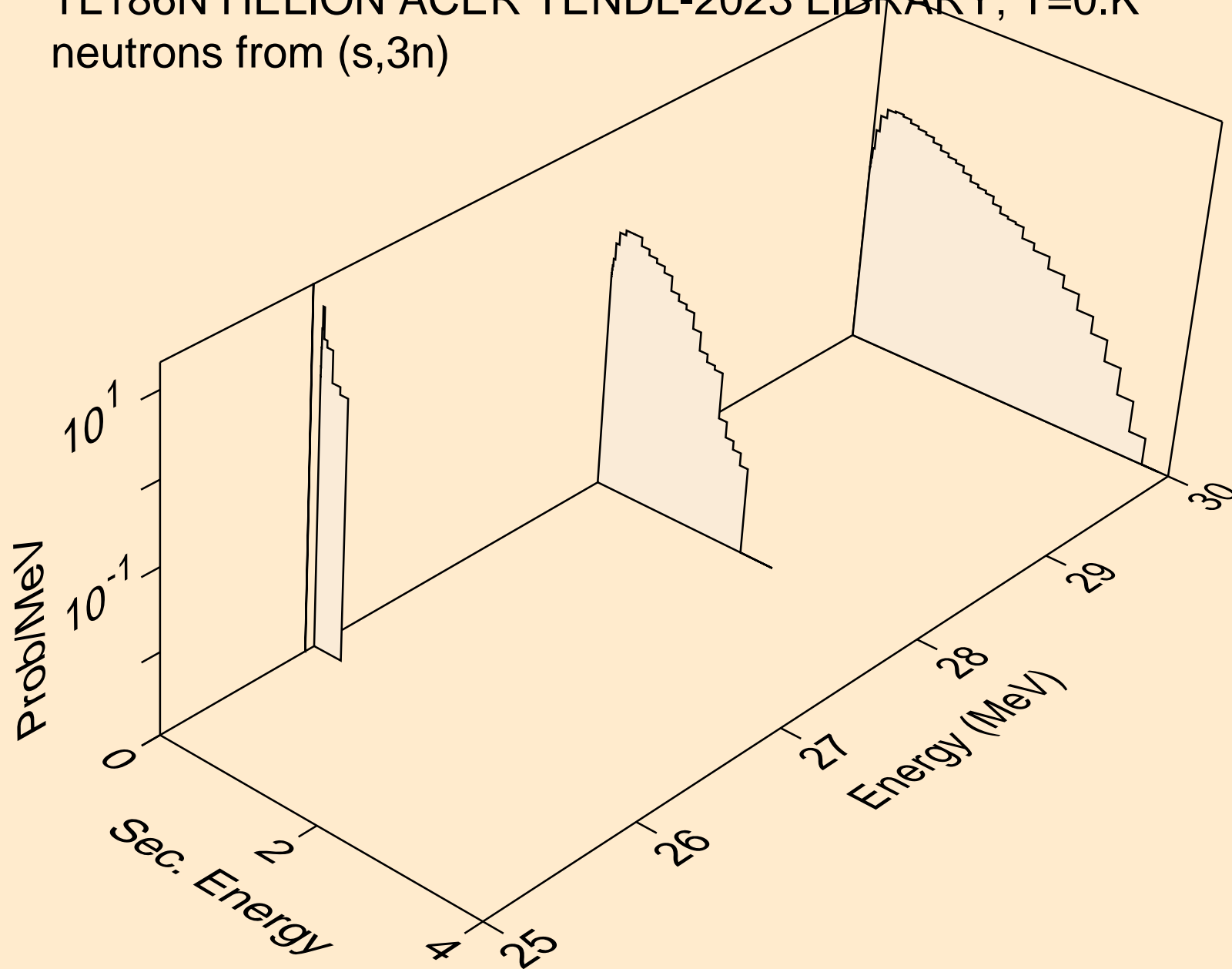
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neutrons from (s,2nd)



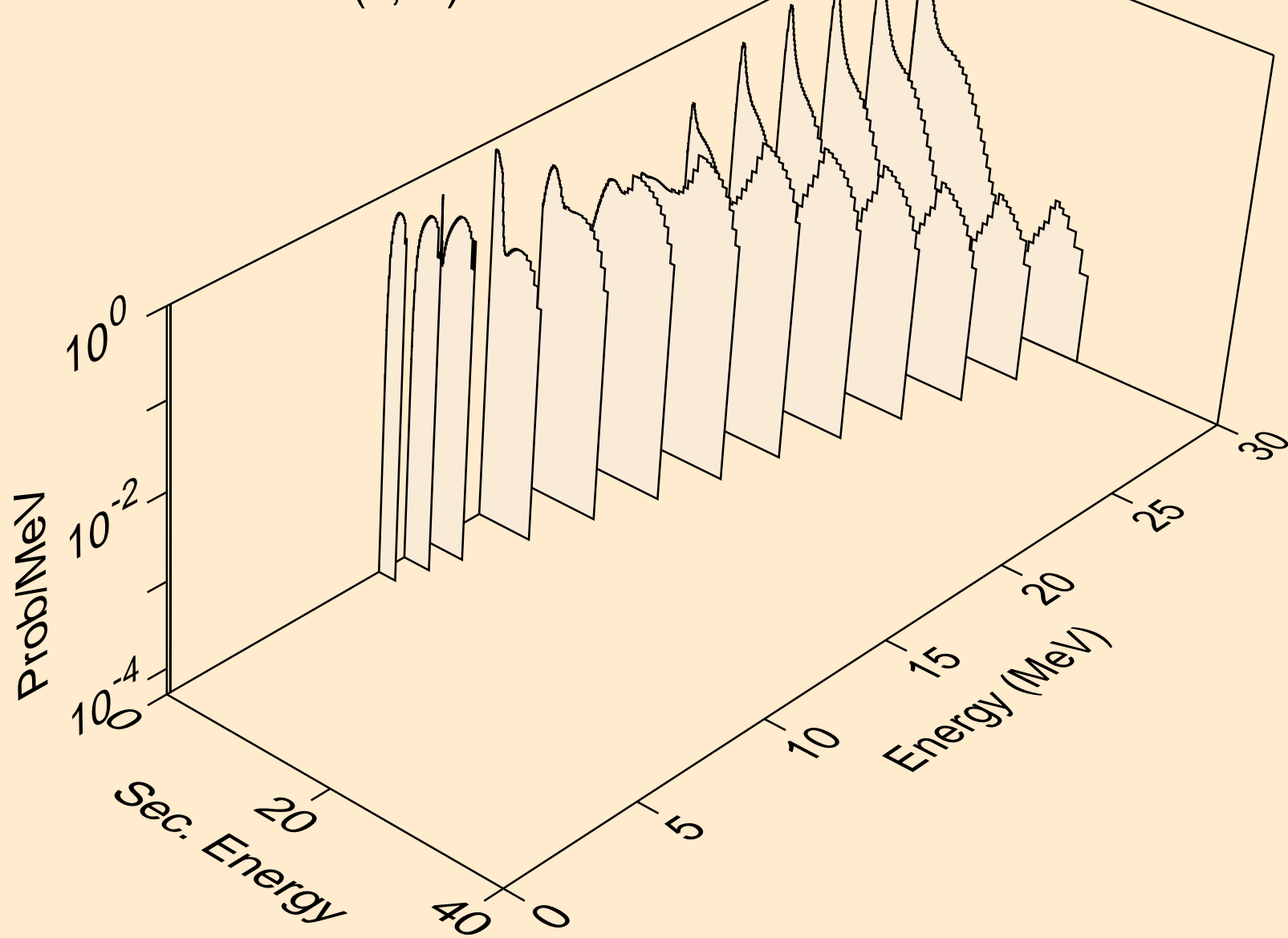
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neutrons from (s,2n)



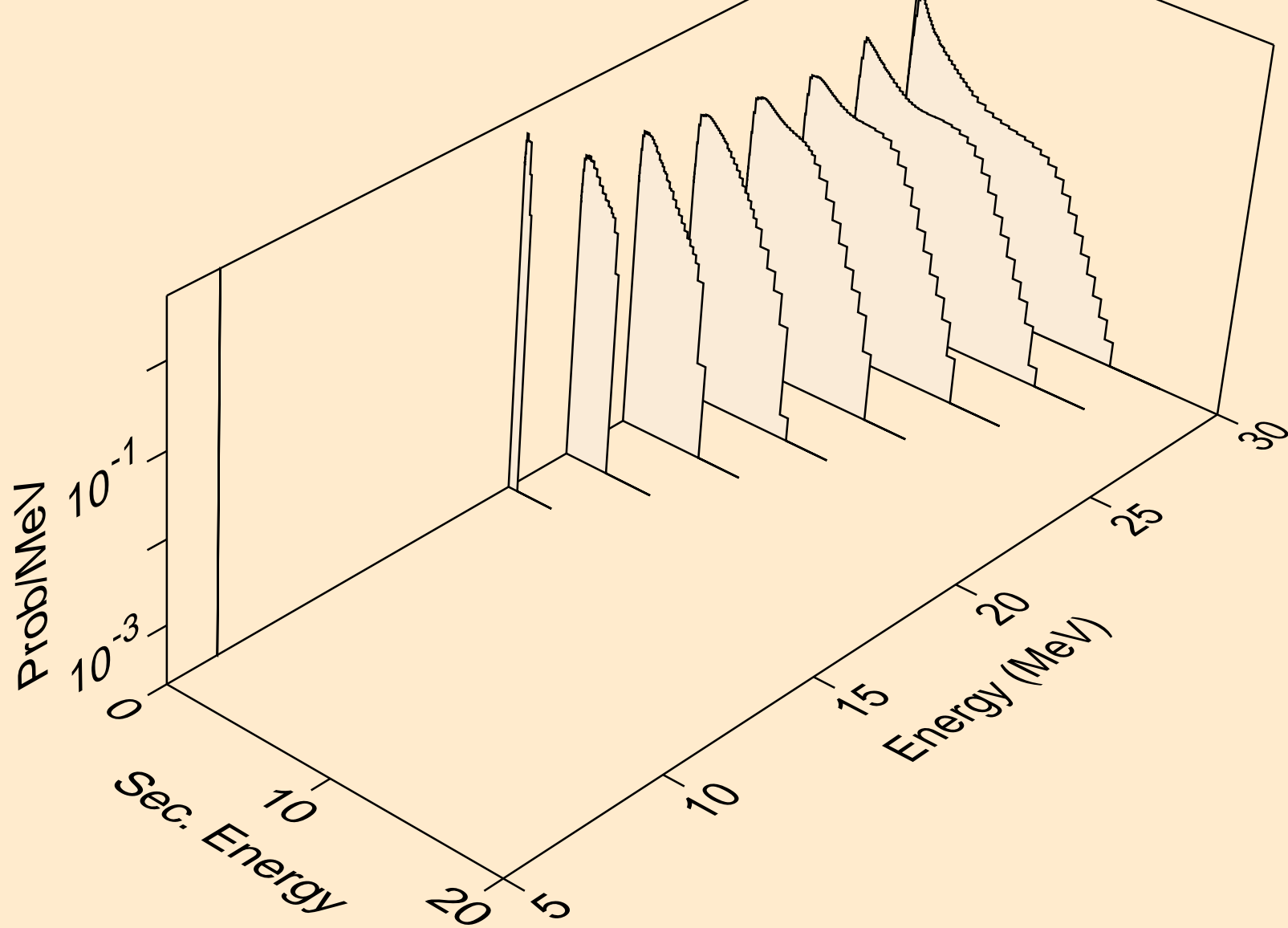
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neutrons from (s,3n)



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

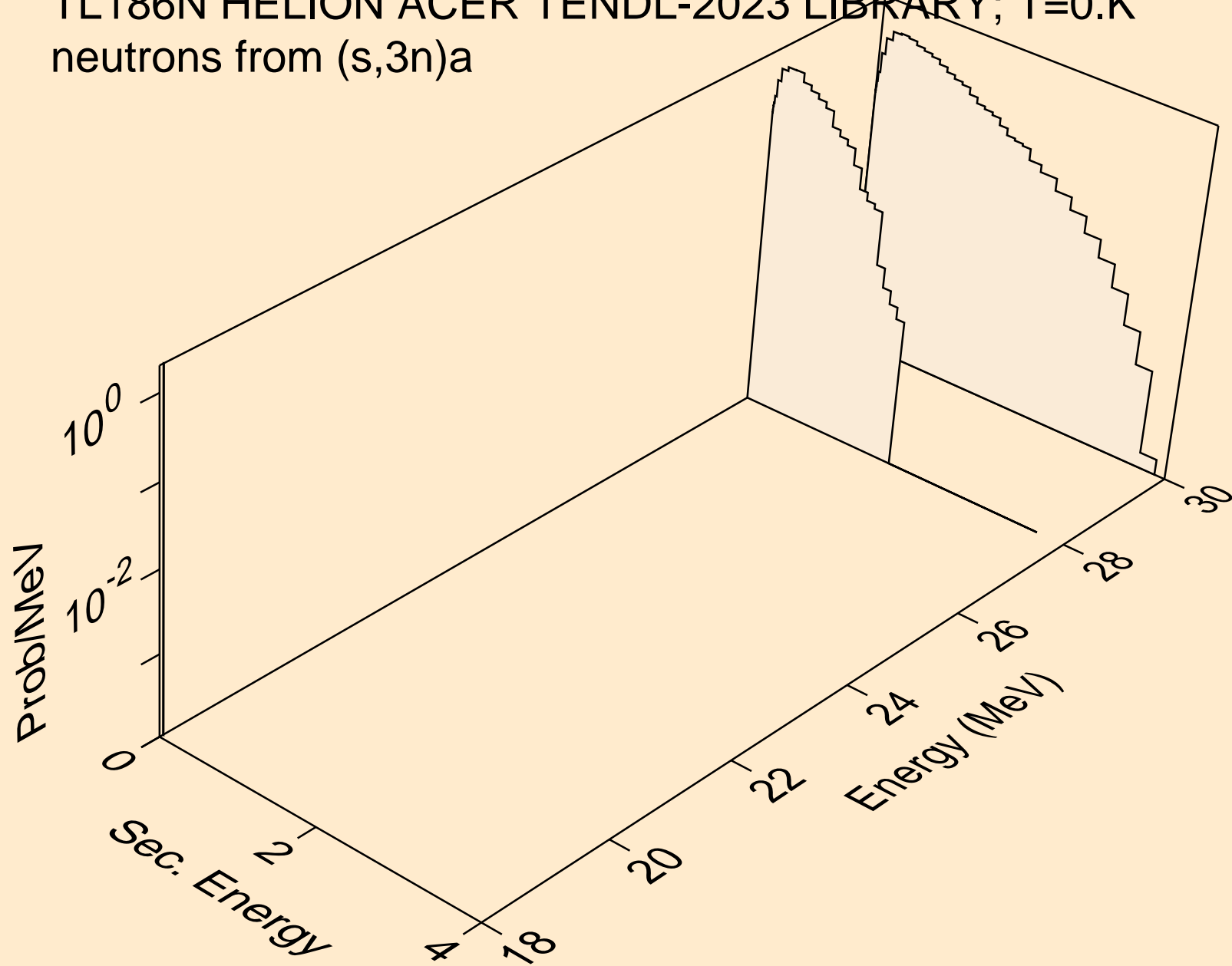


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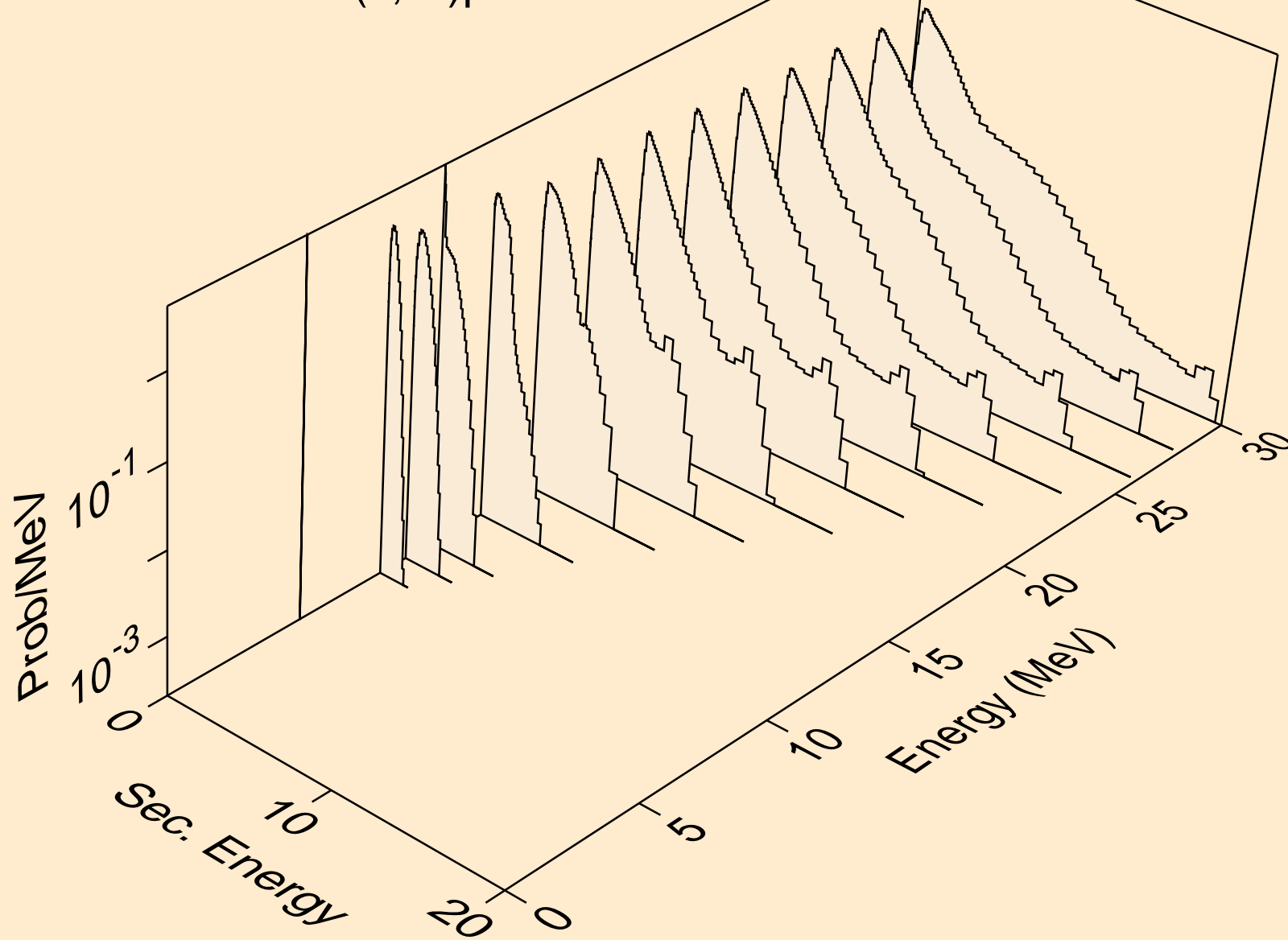




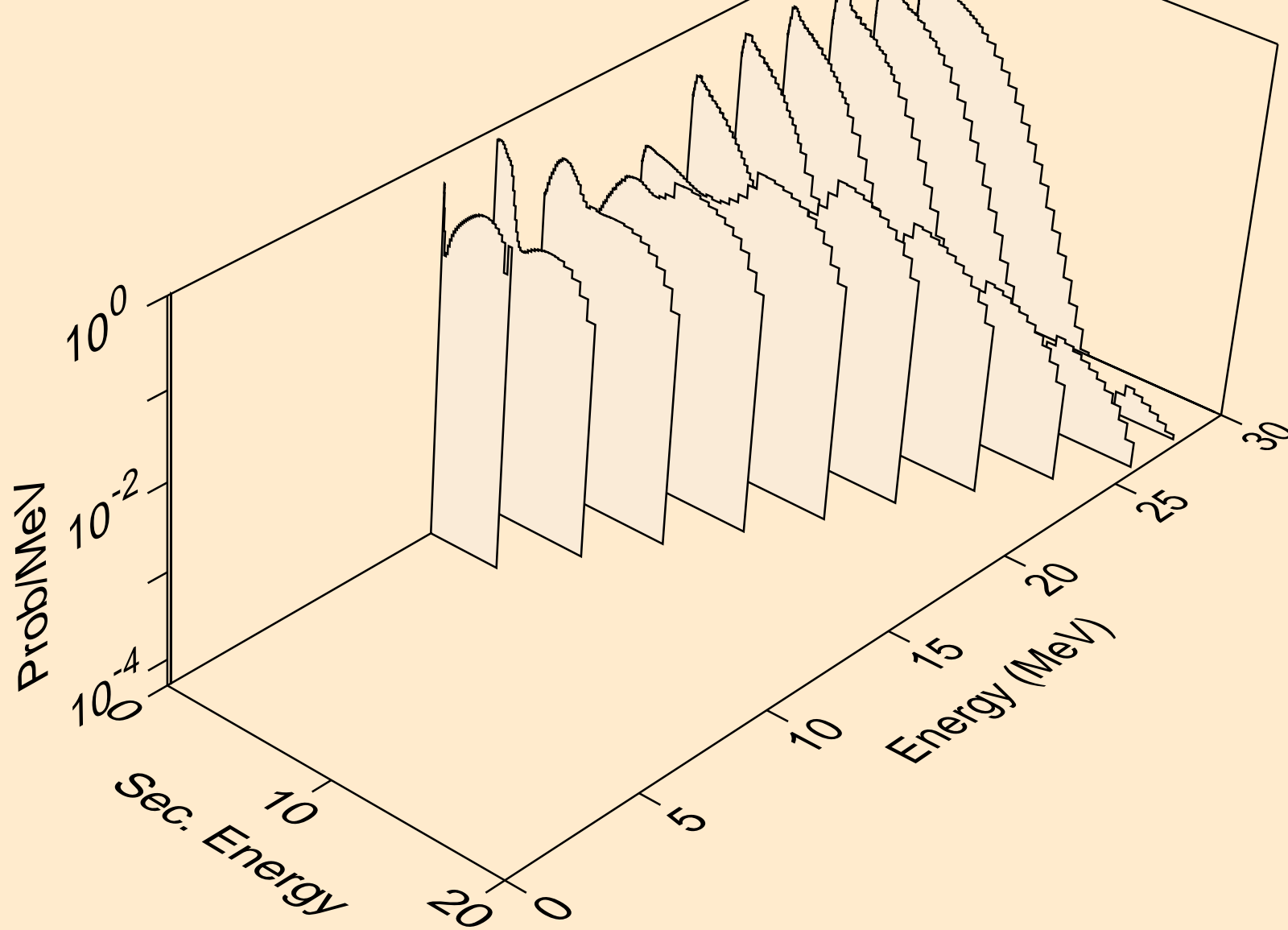
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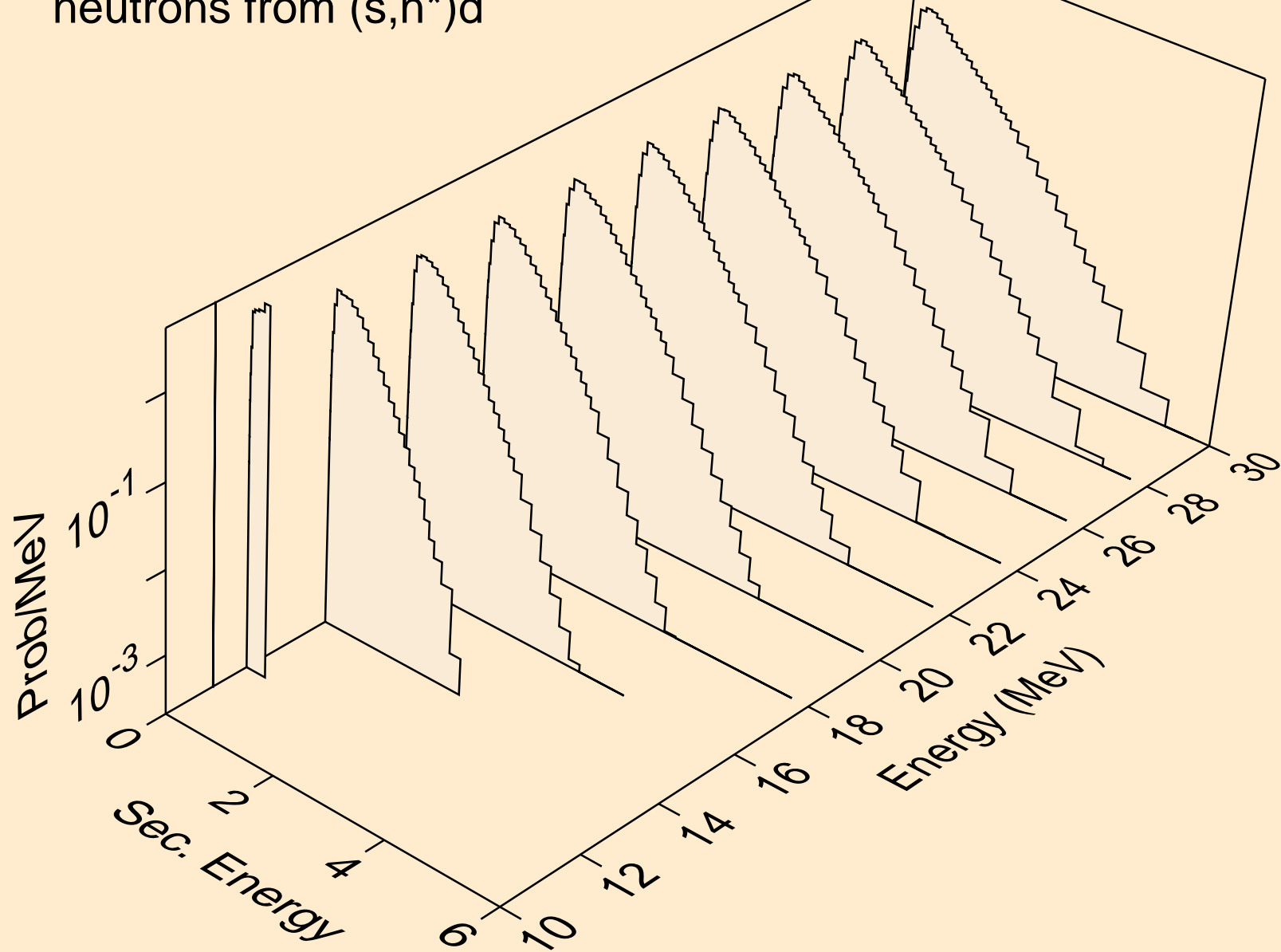
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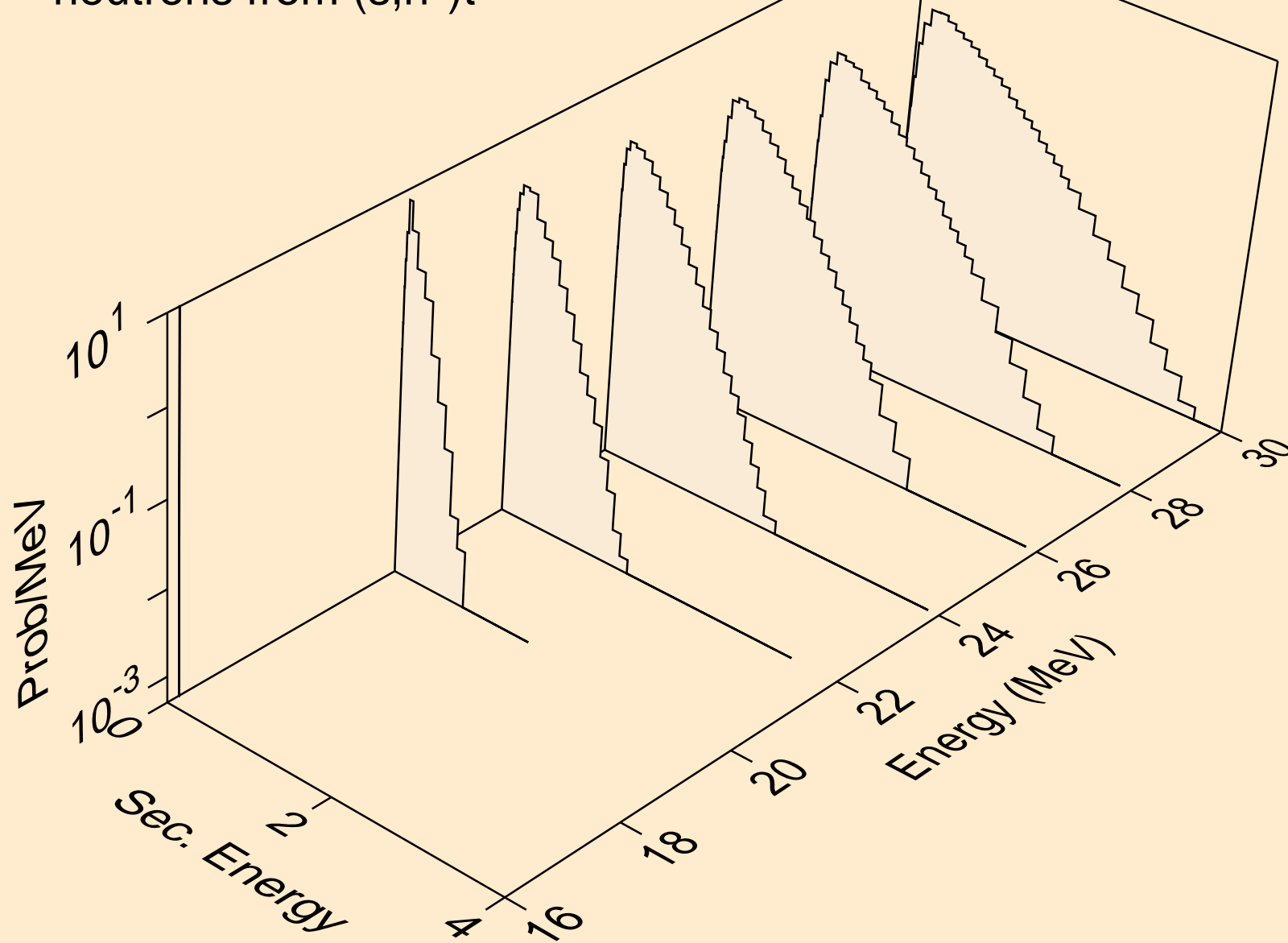
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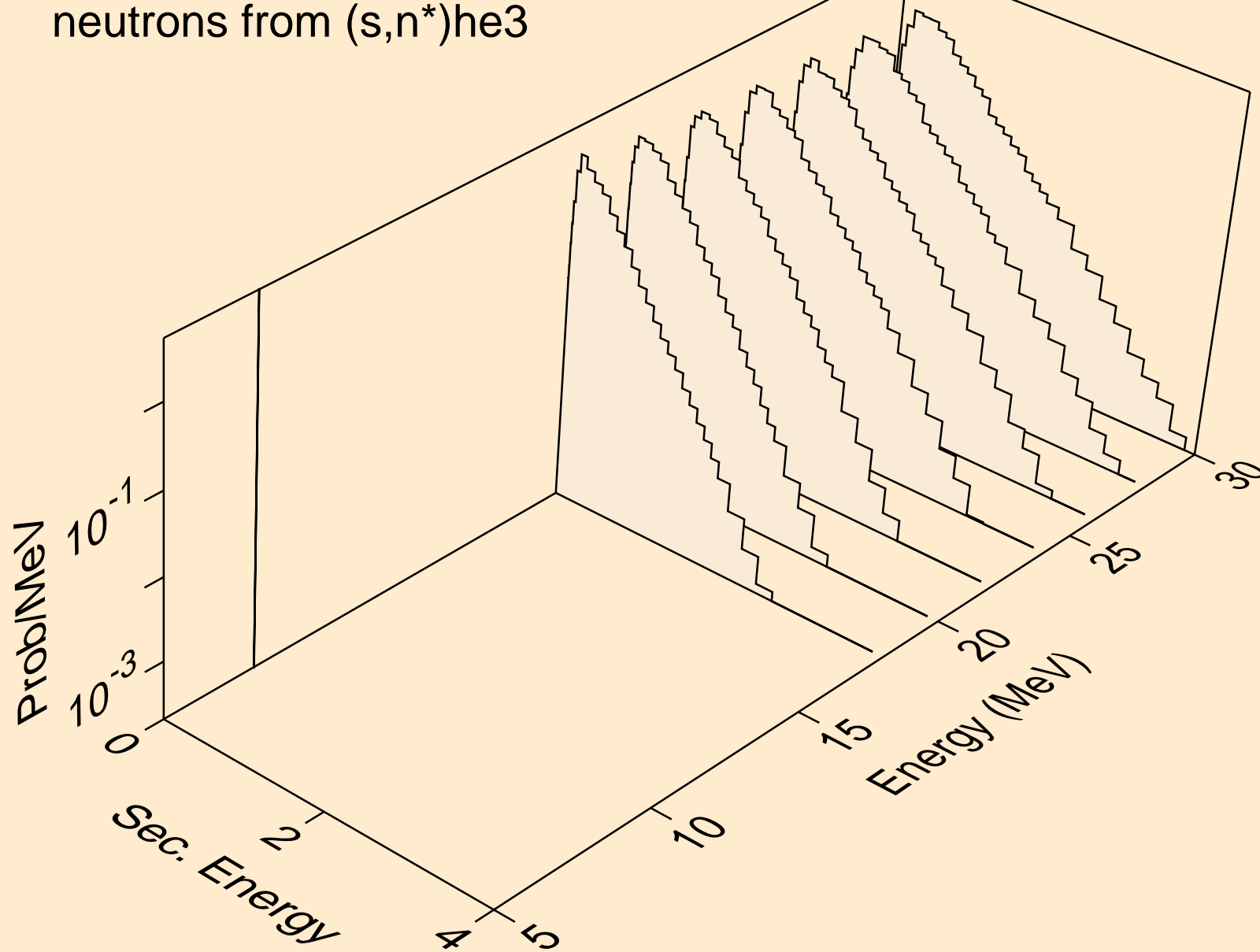
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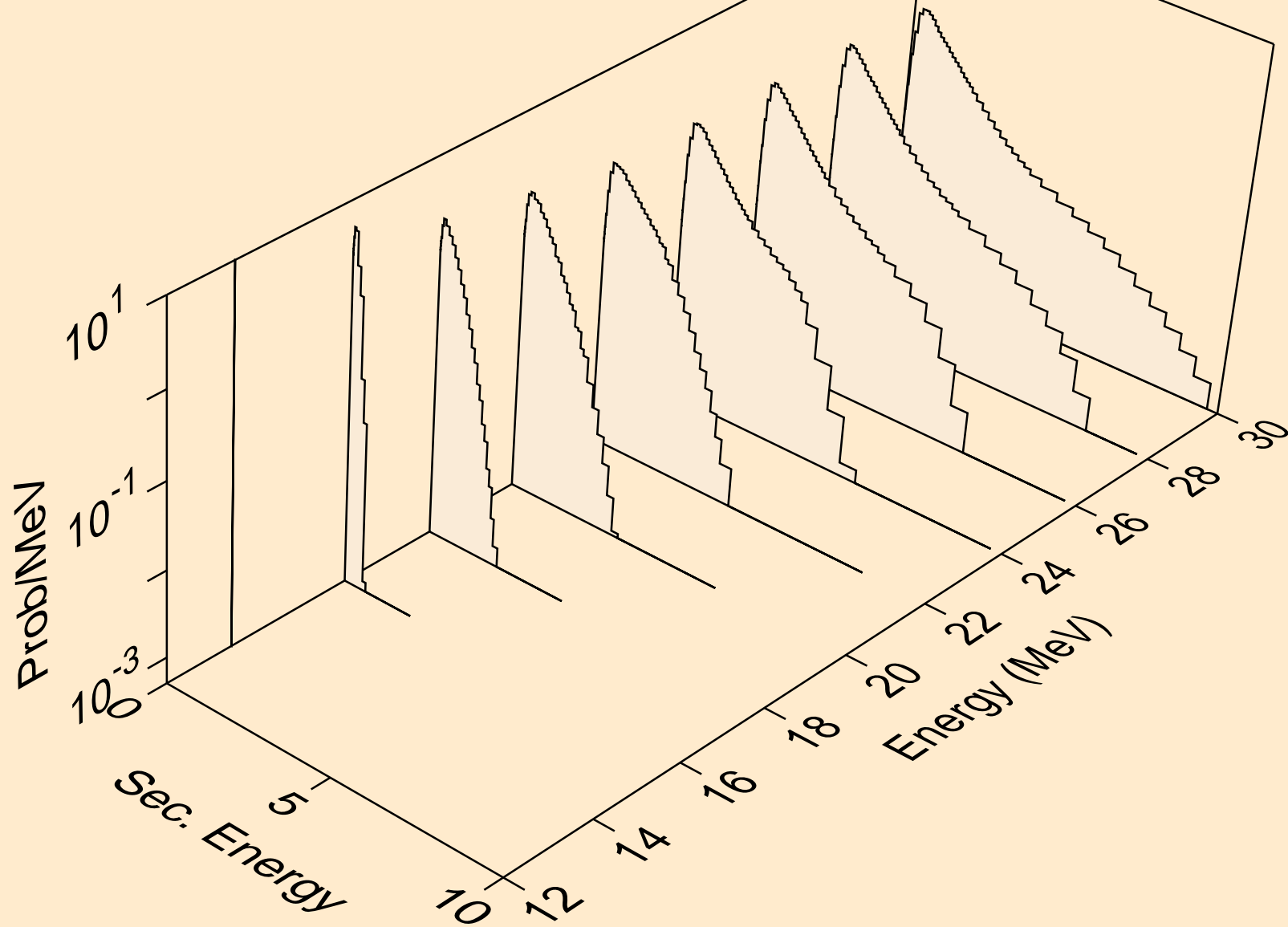
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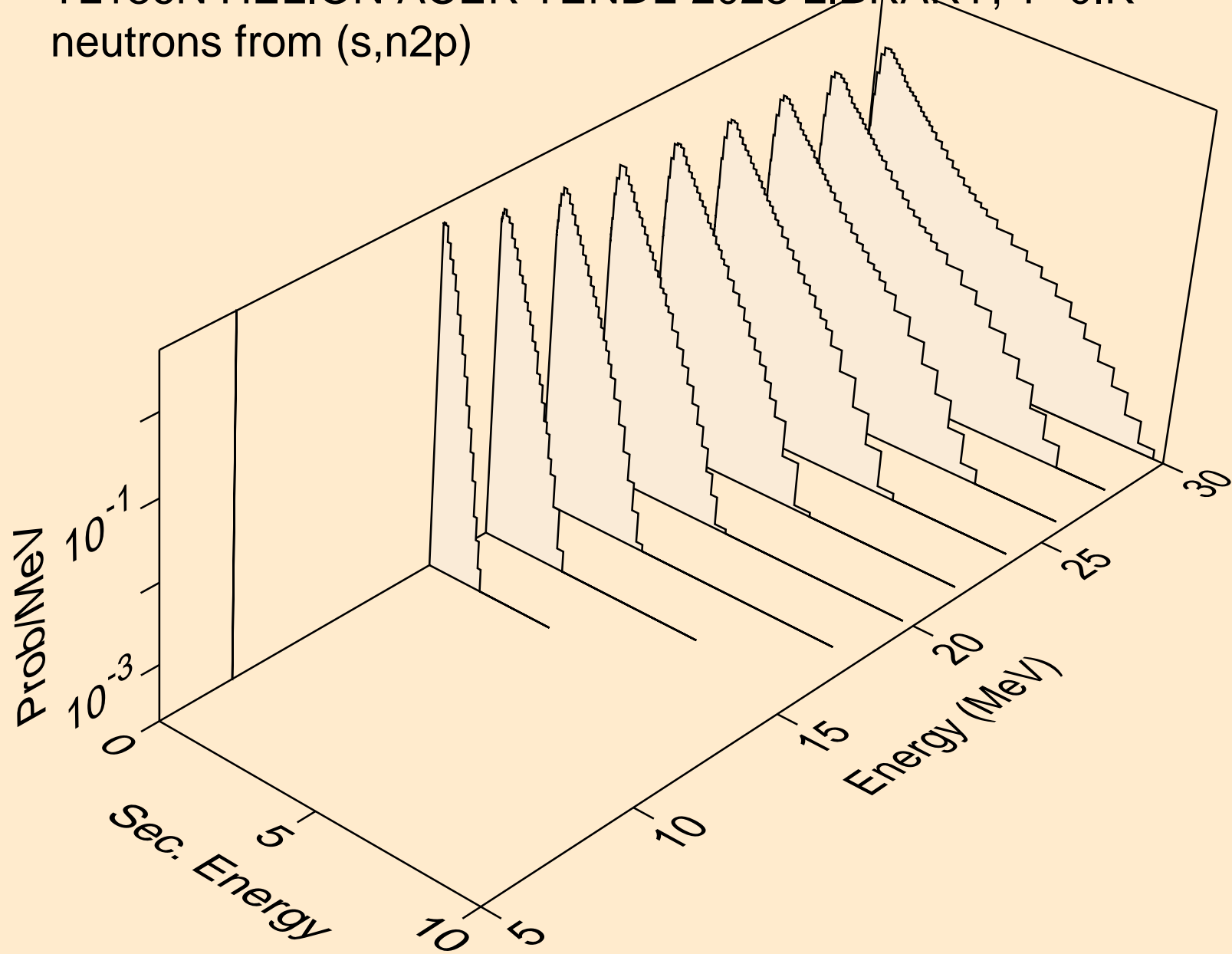
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neutrons from (s,n\*)he3



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

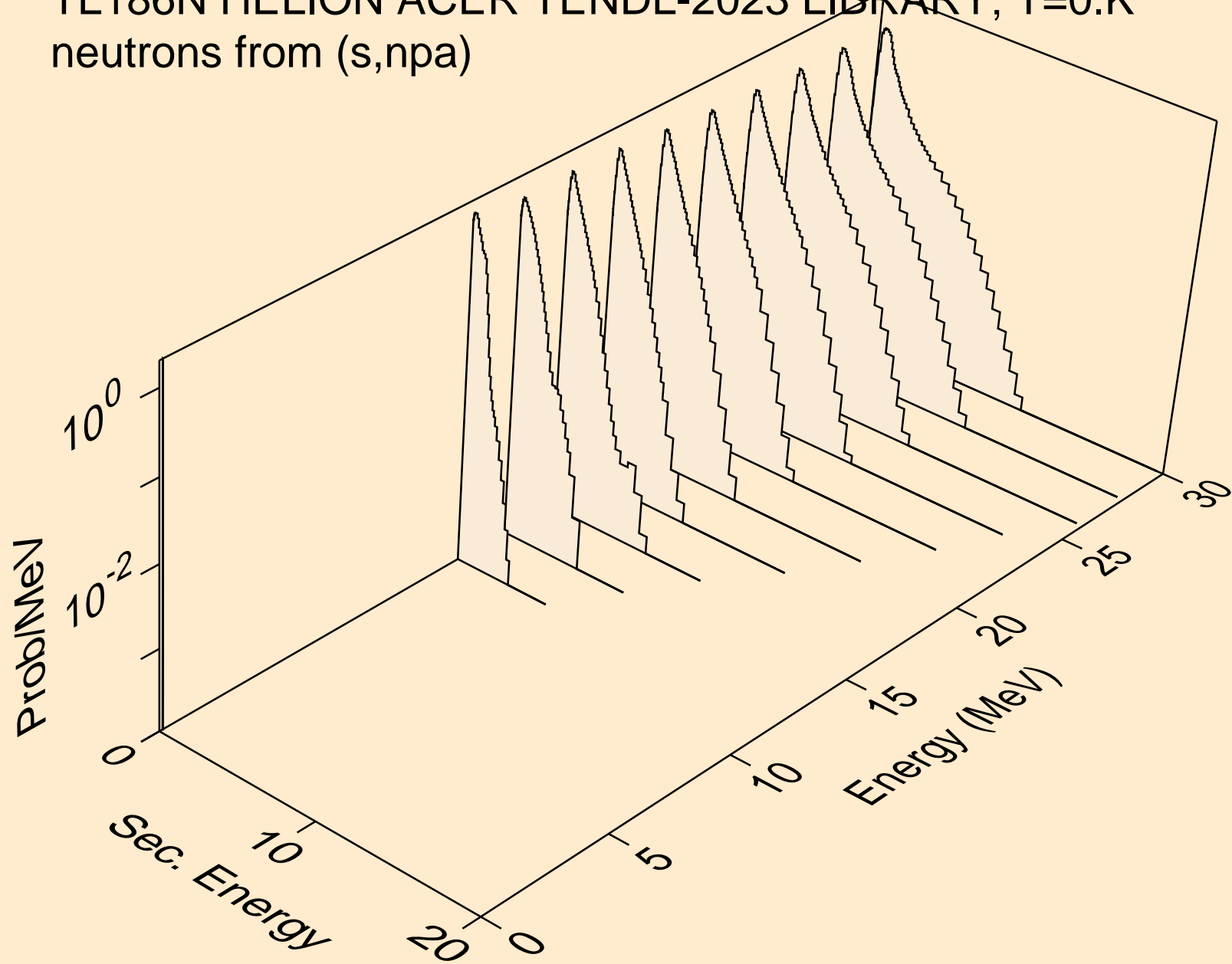


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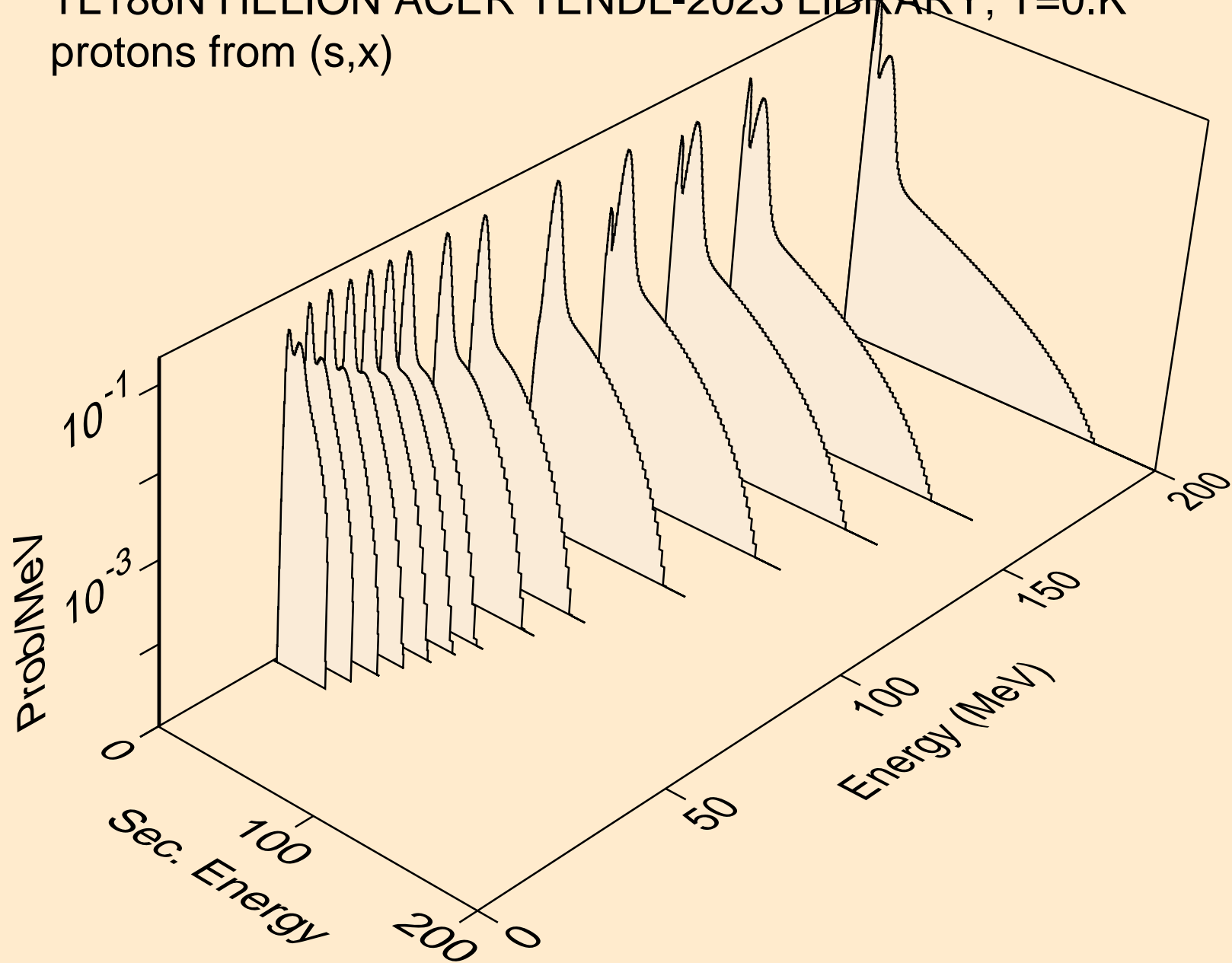




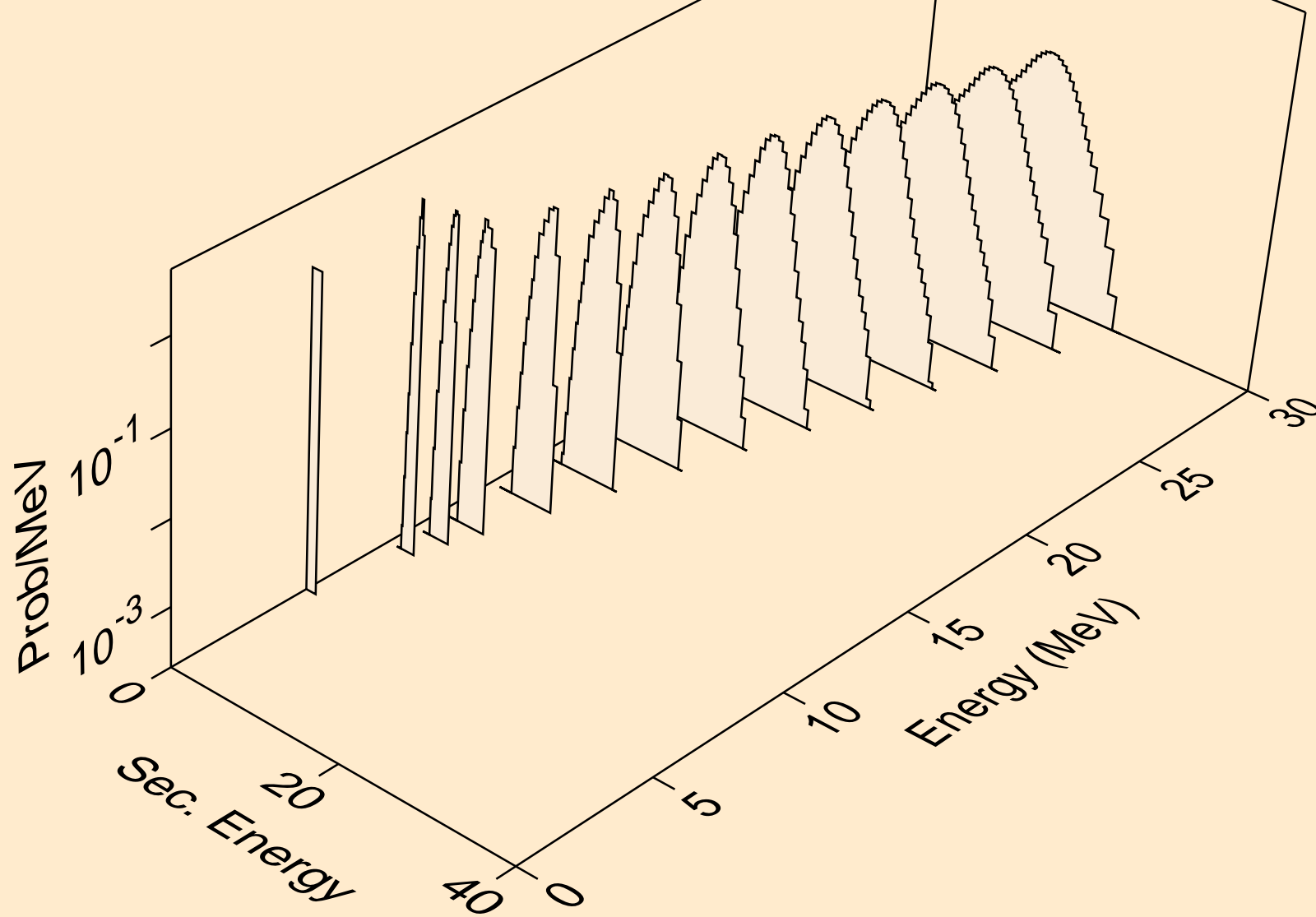
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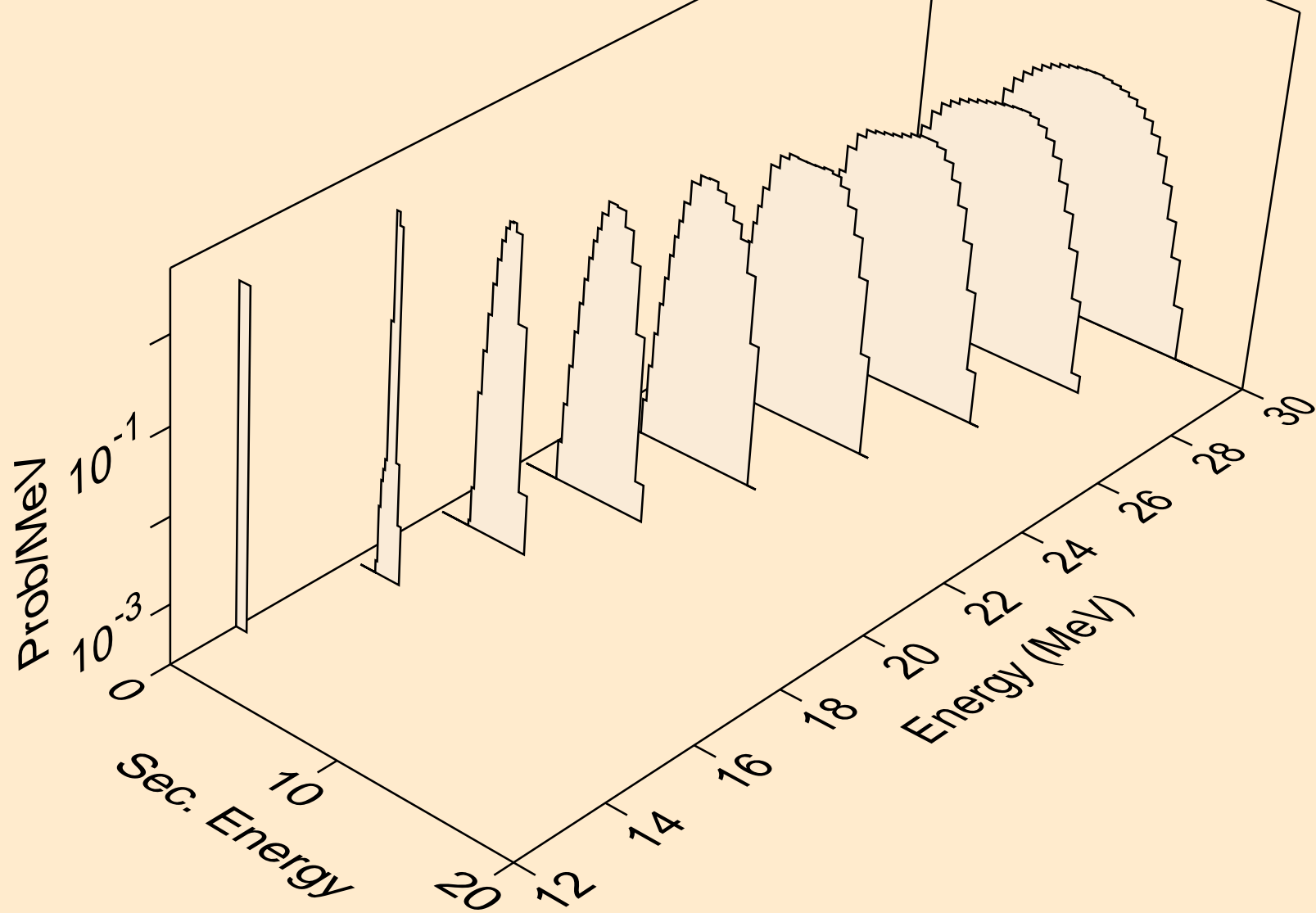
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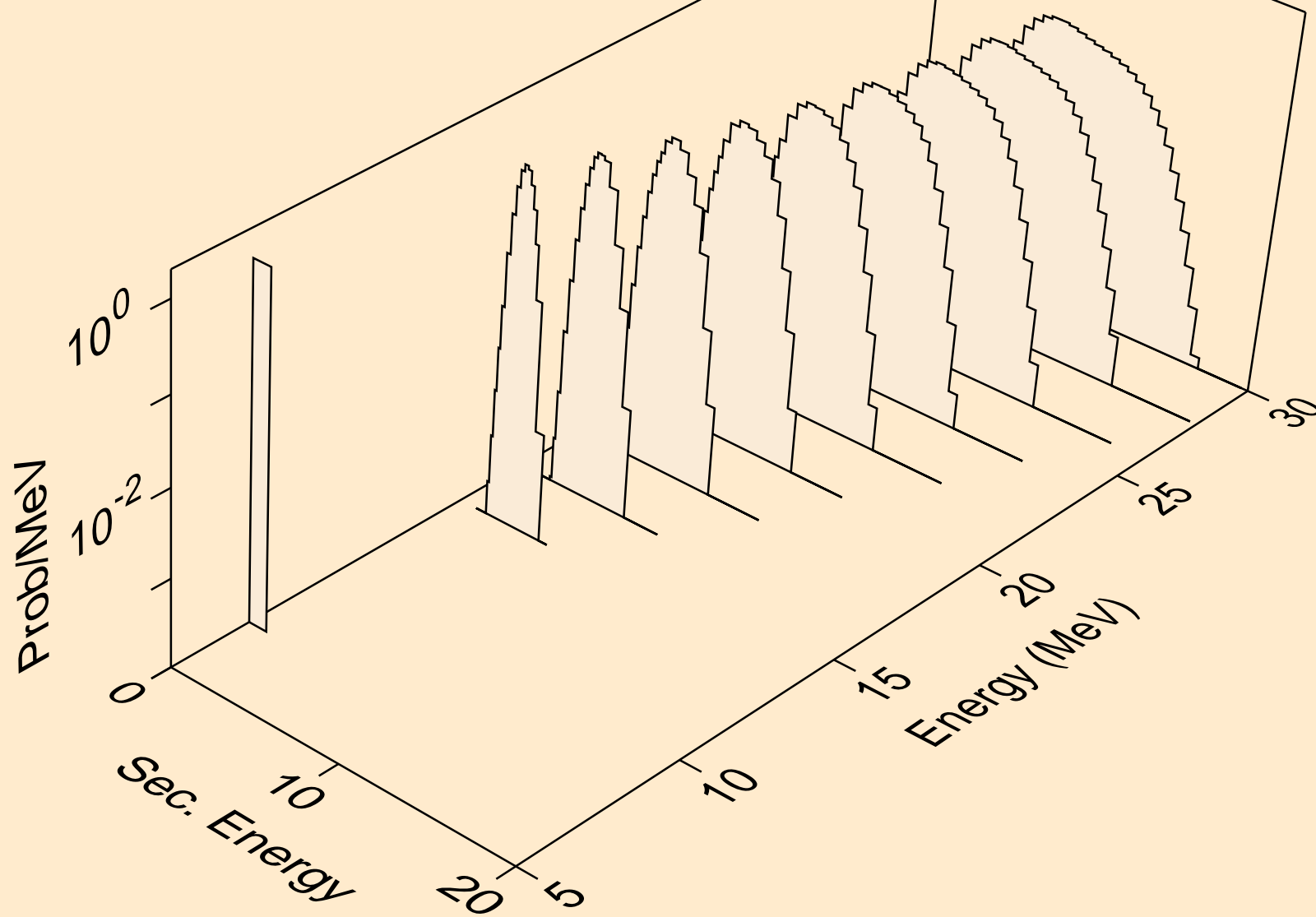
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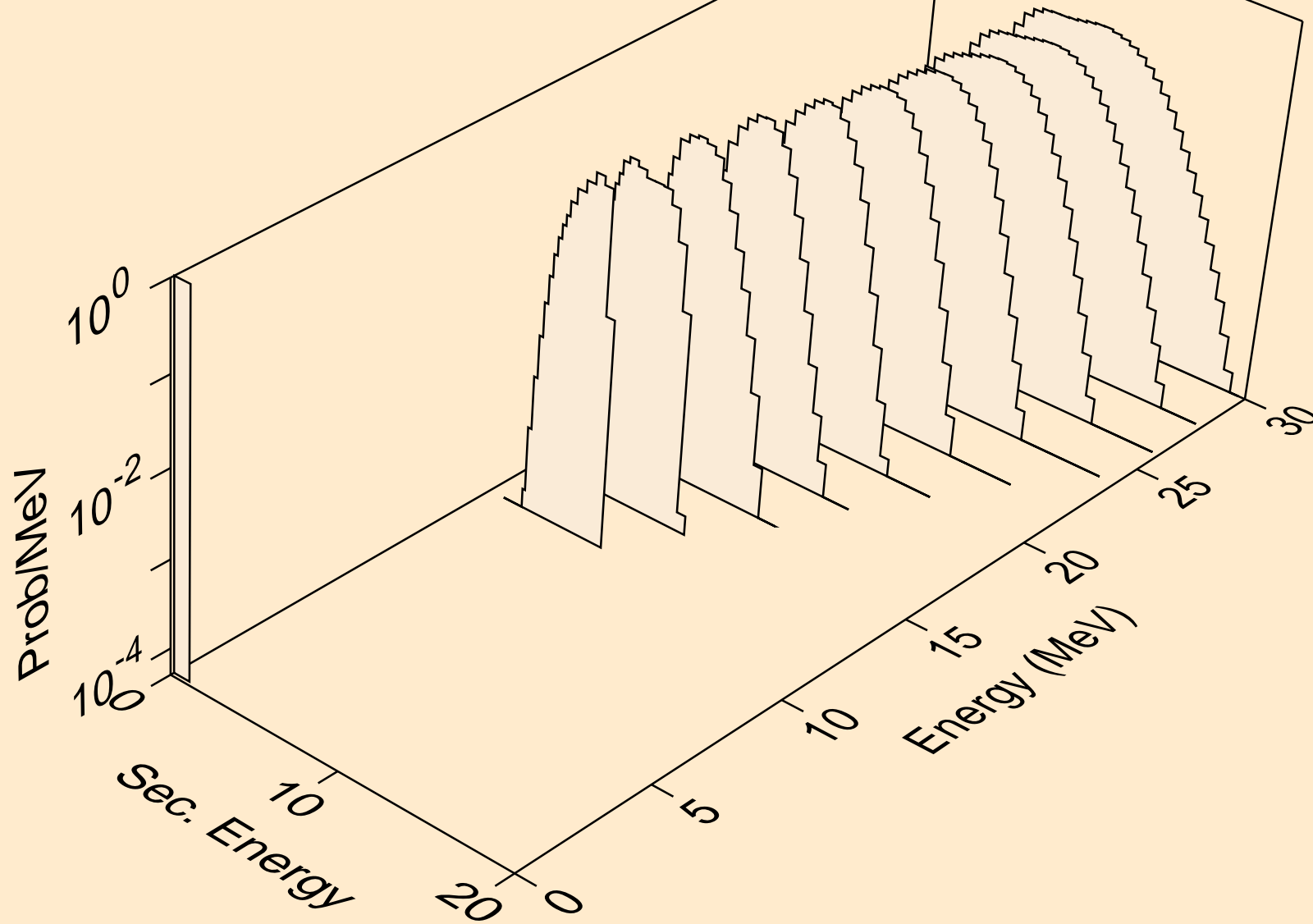
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protons from (s,2np)



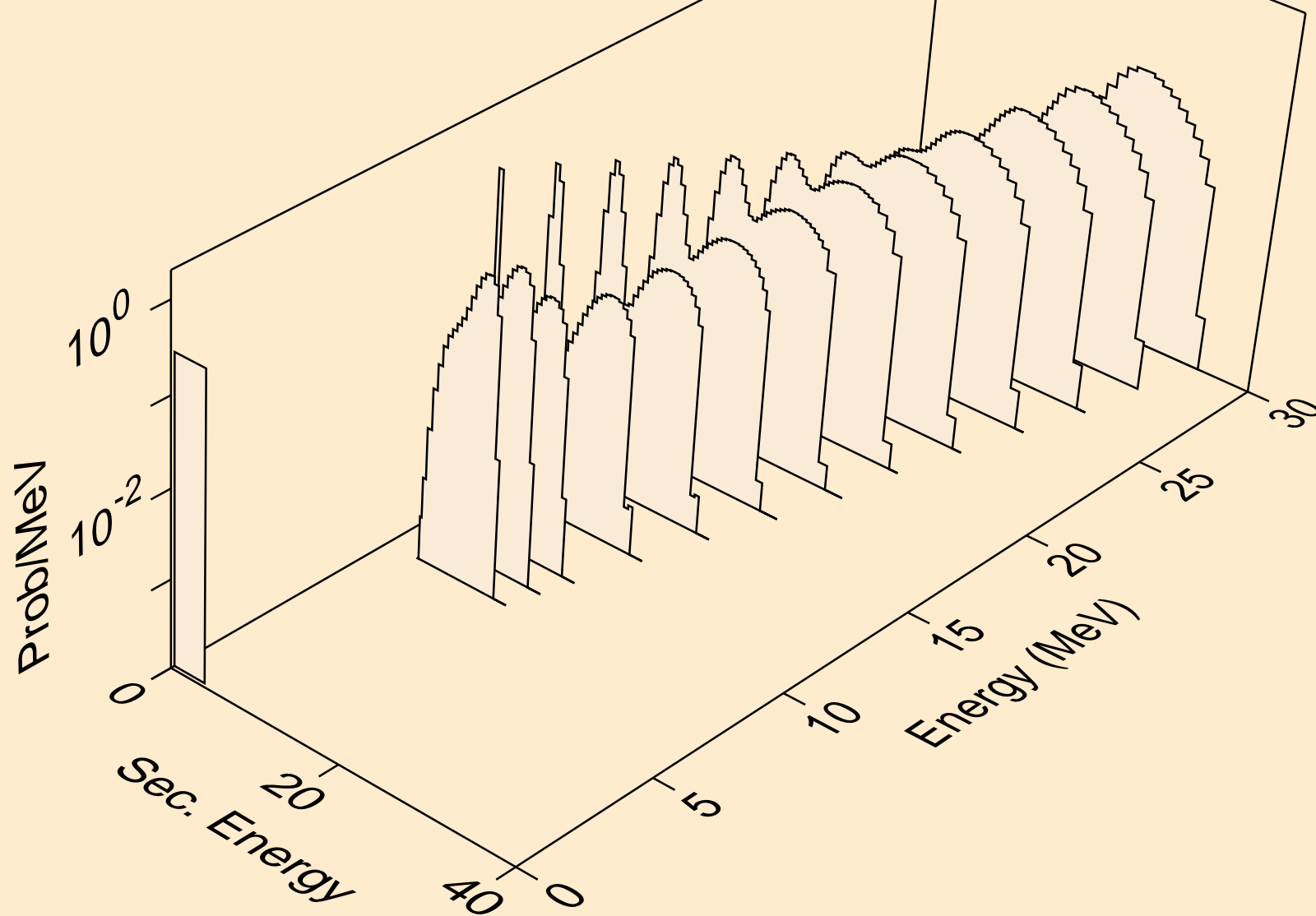
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protons from (s,n2p)



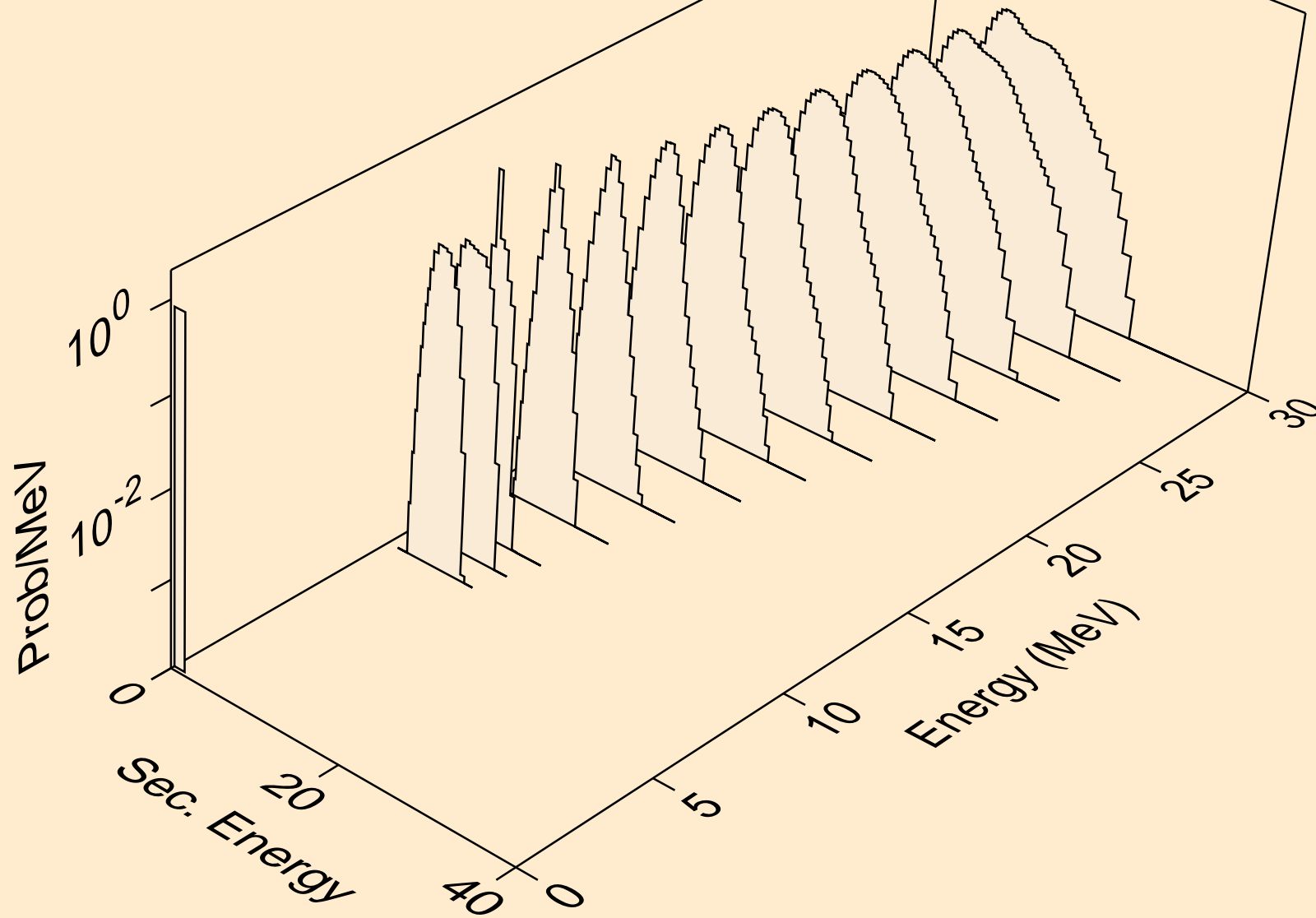
TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)

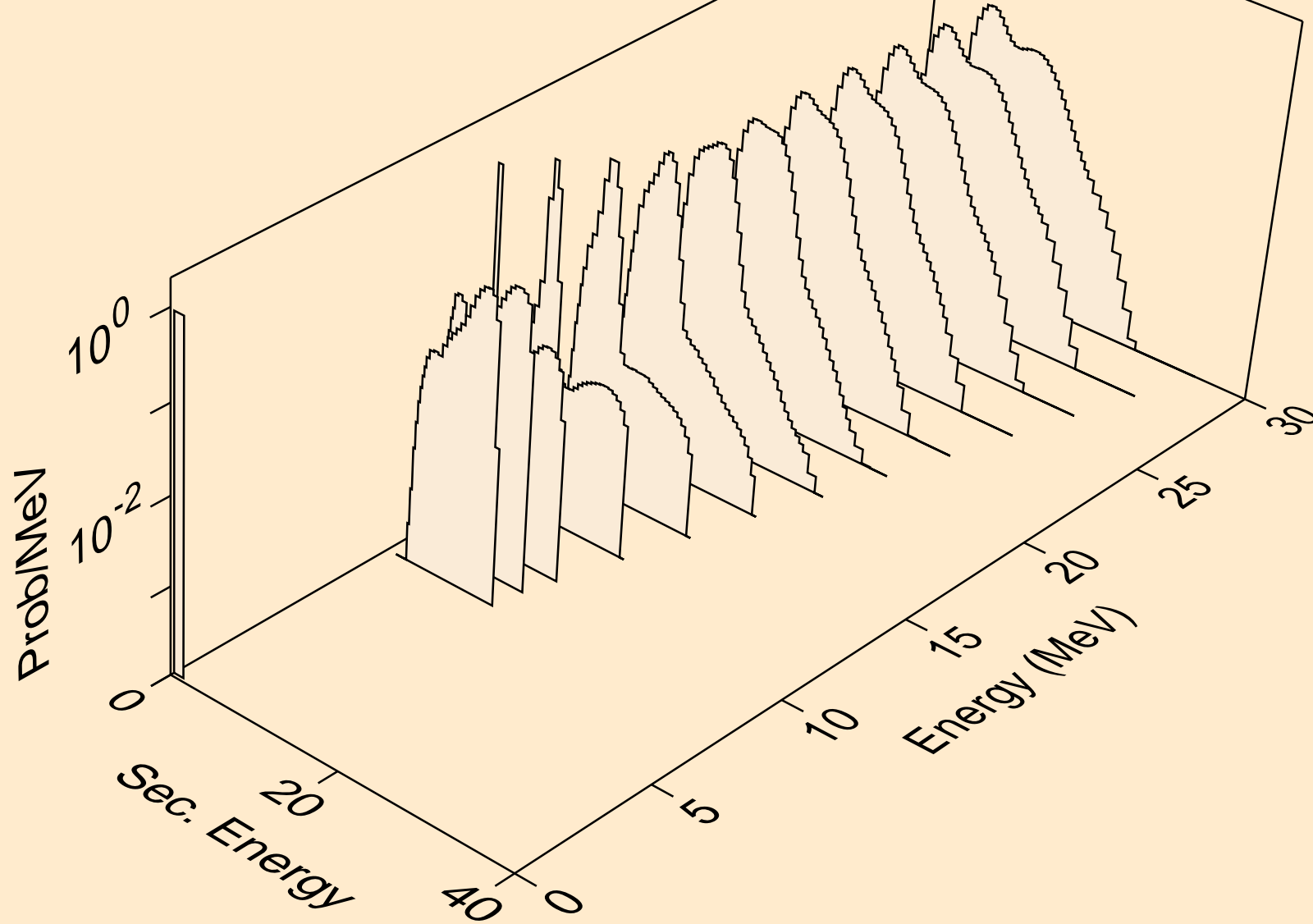


TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)

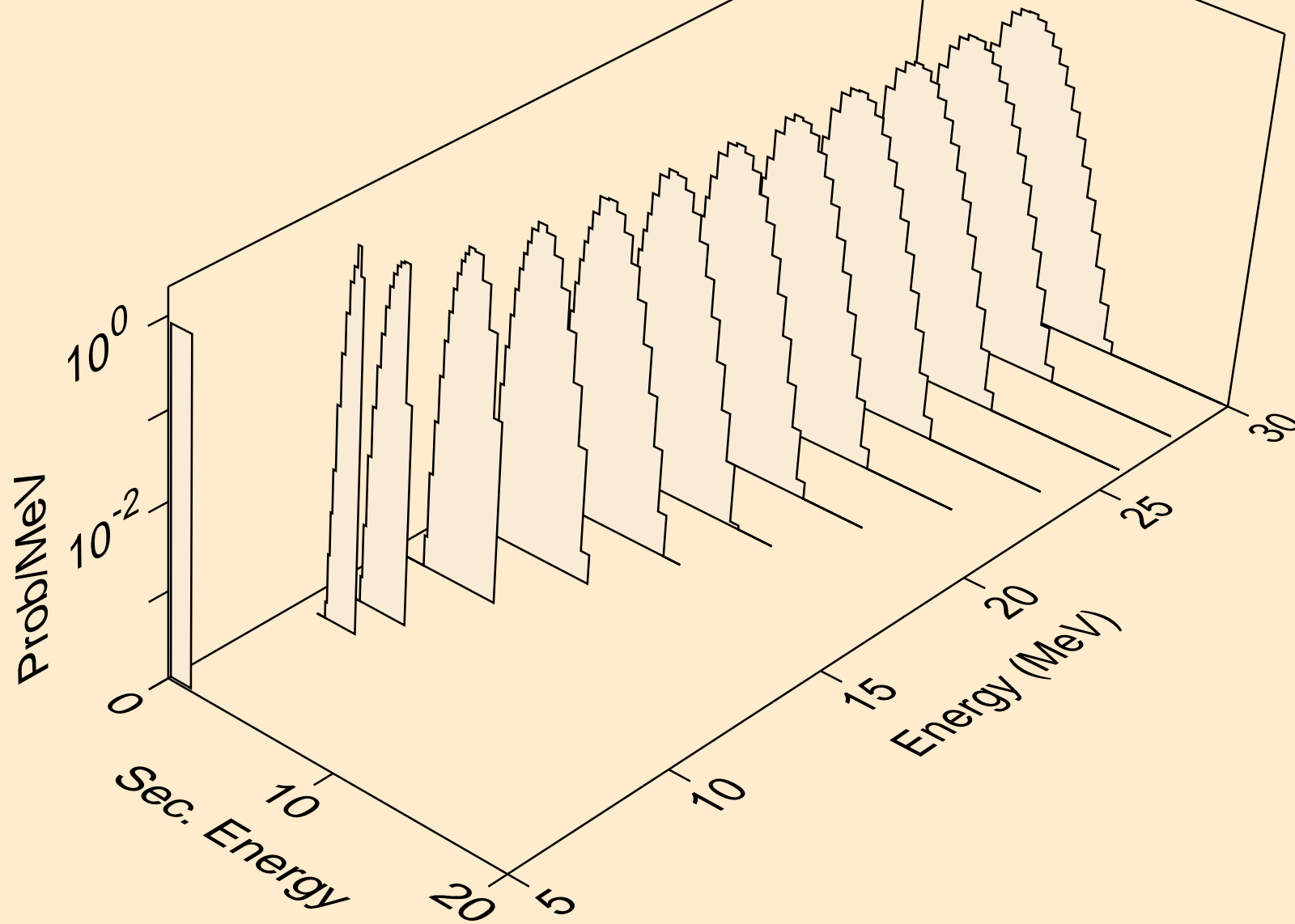




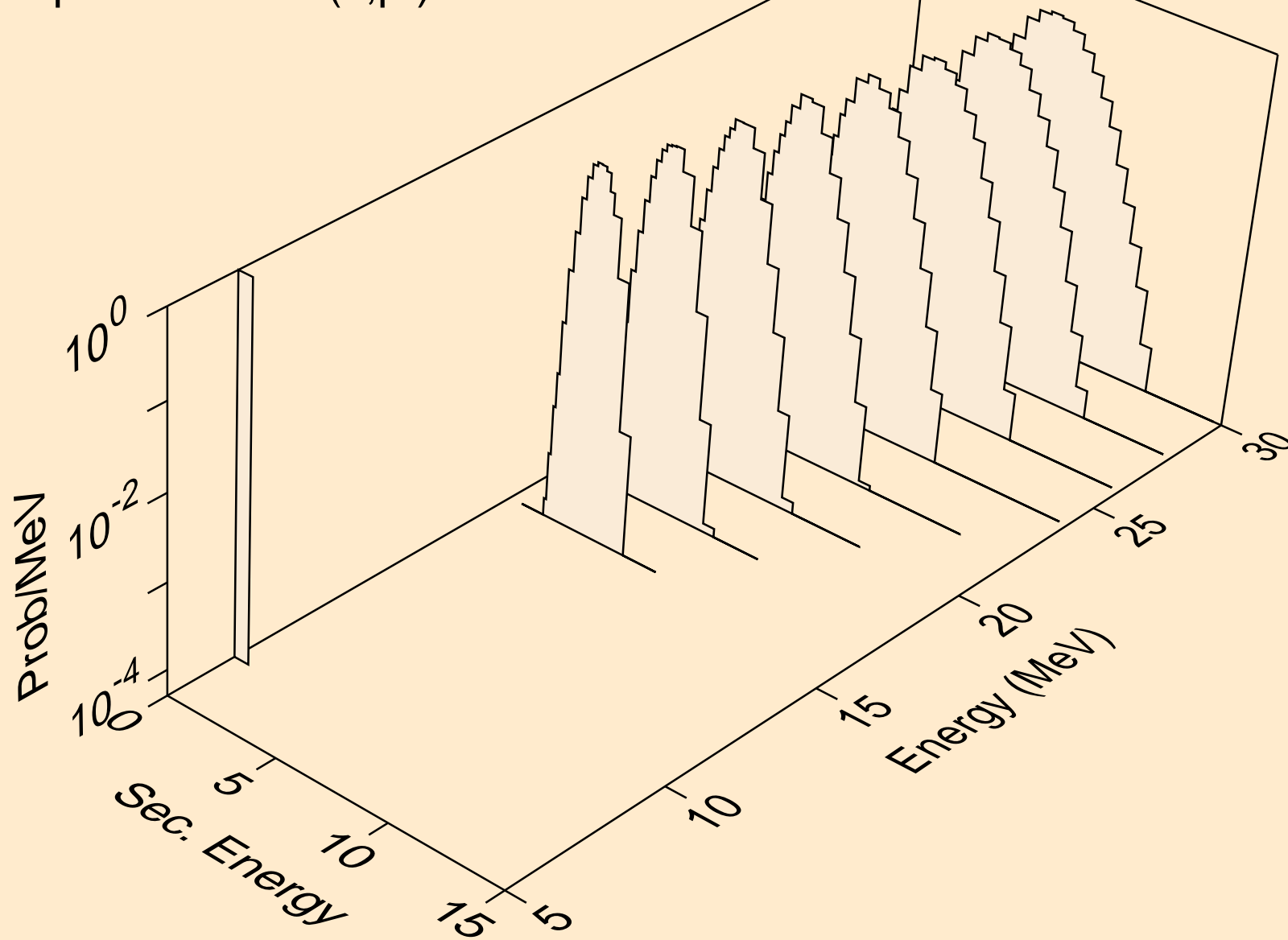
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protons from (s,pa)



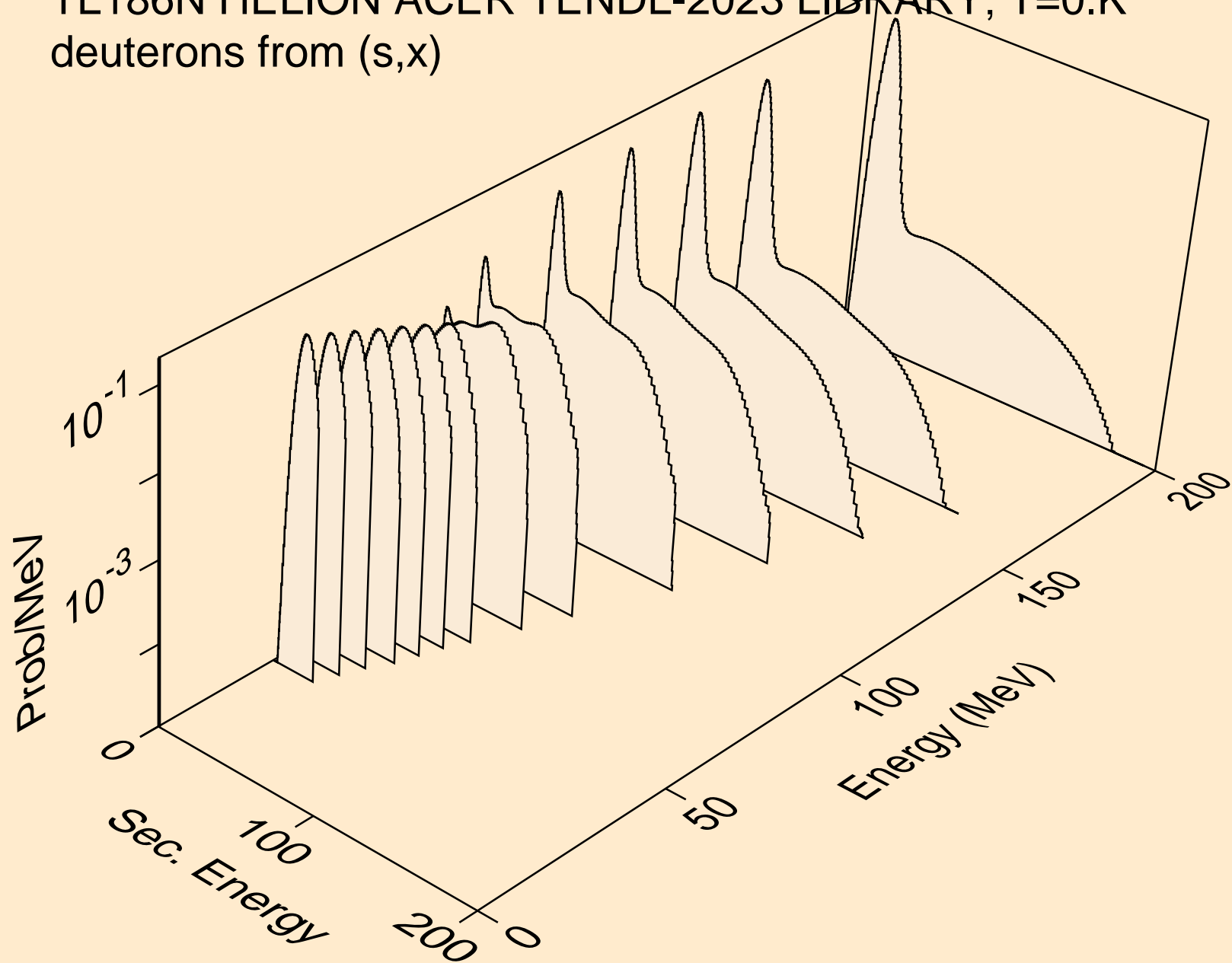
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protons from (s,pd)



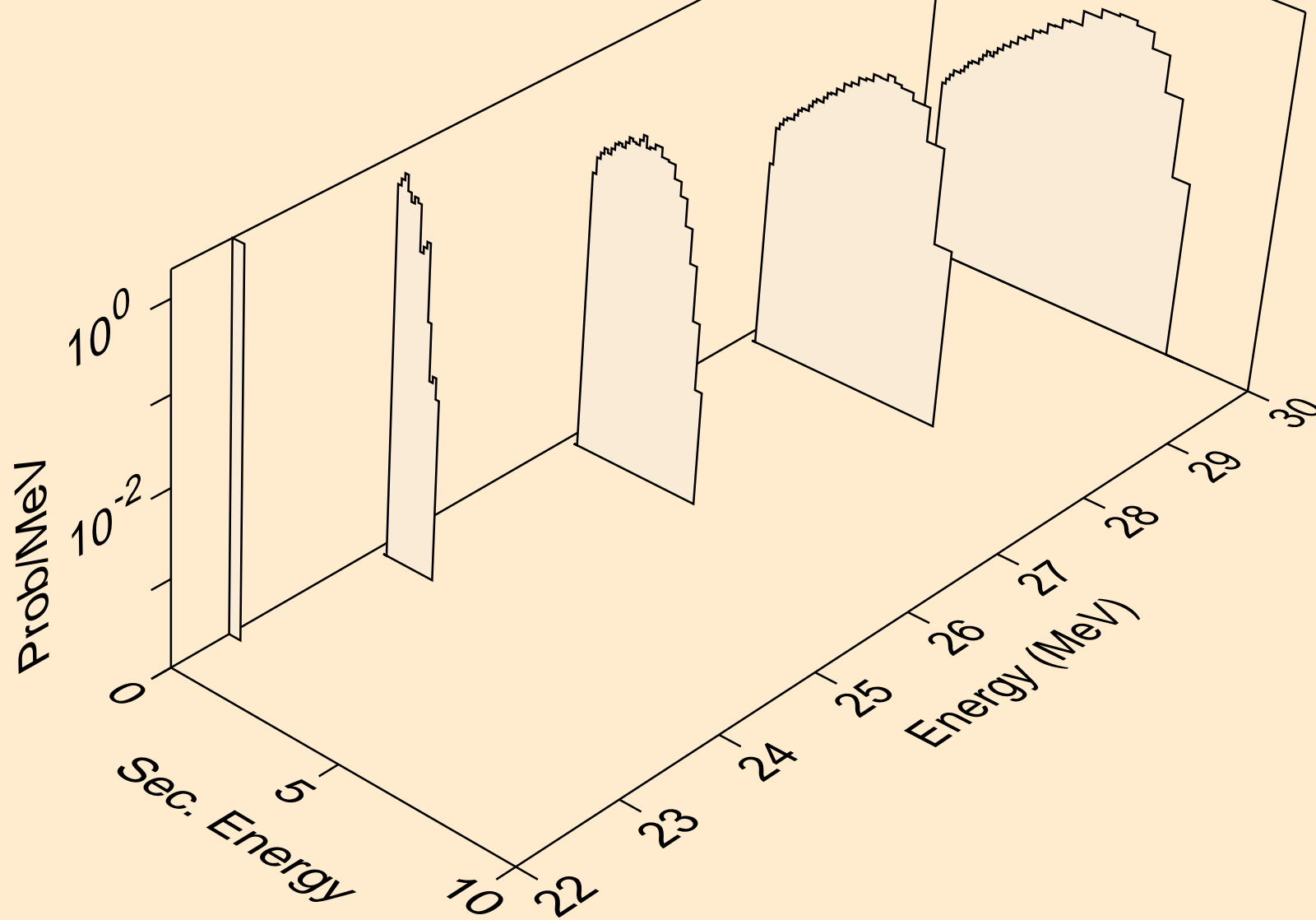
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protons from (s,pt)



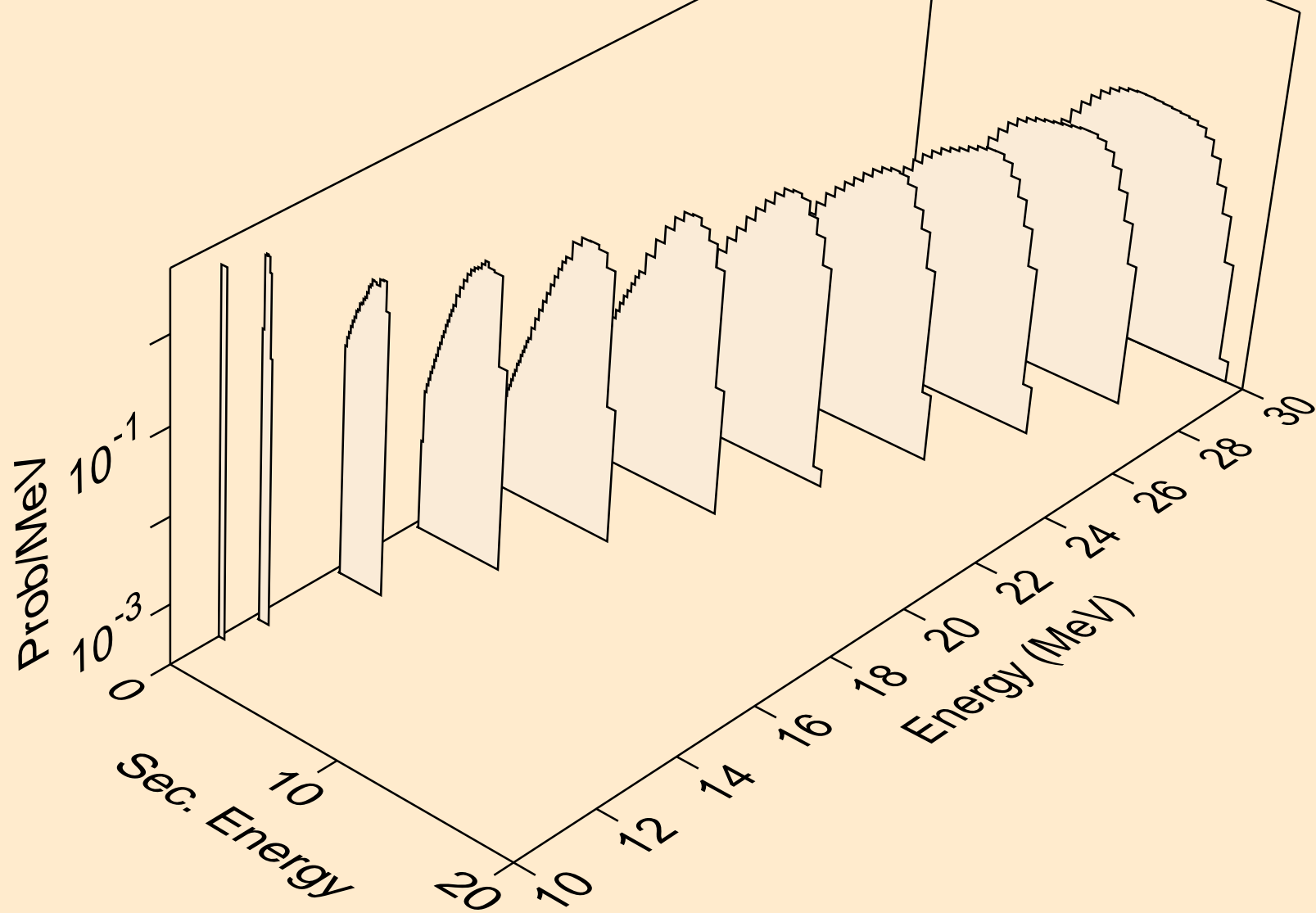
TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



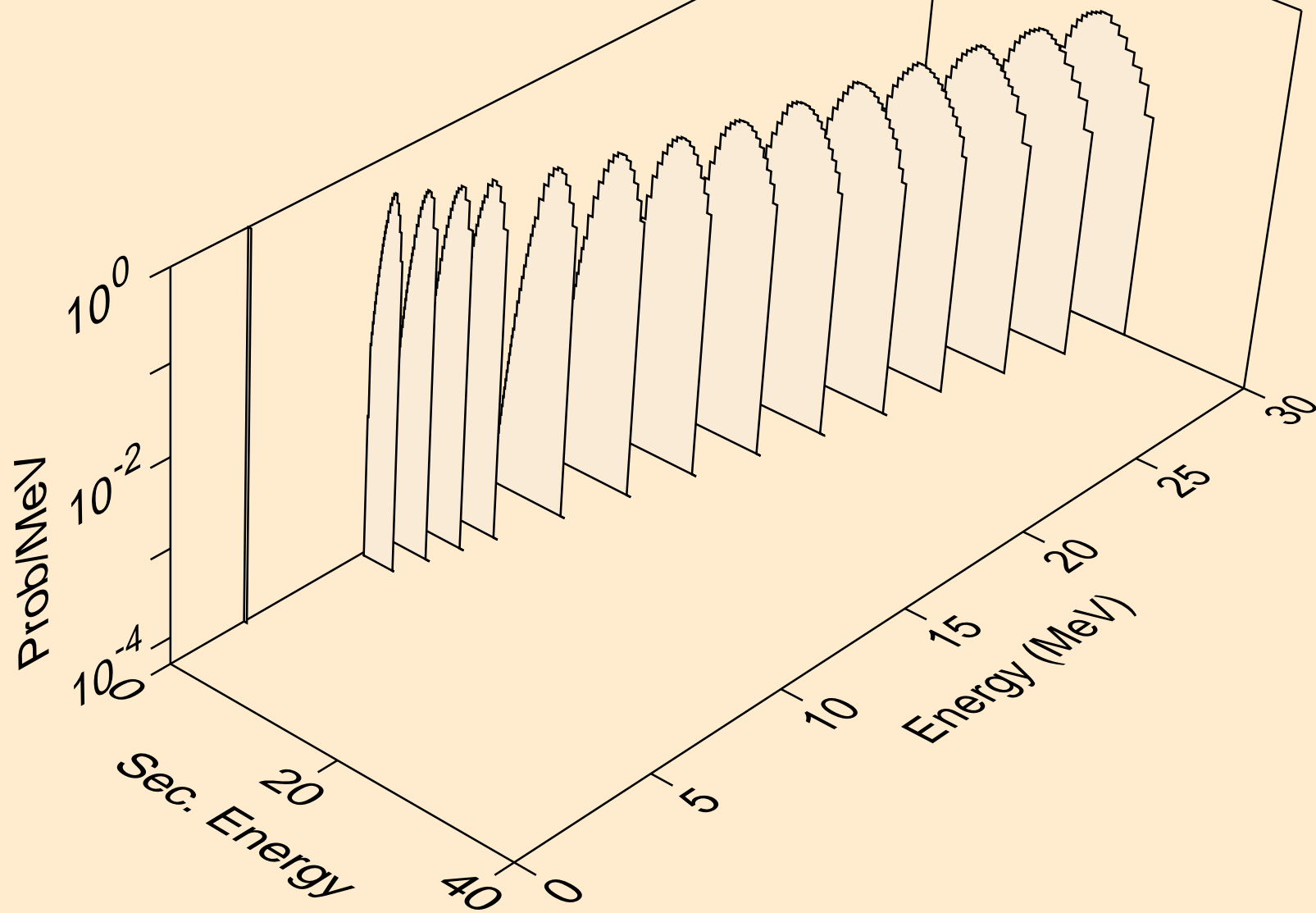
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deuterons from (s,2nd)



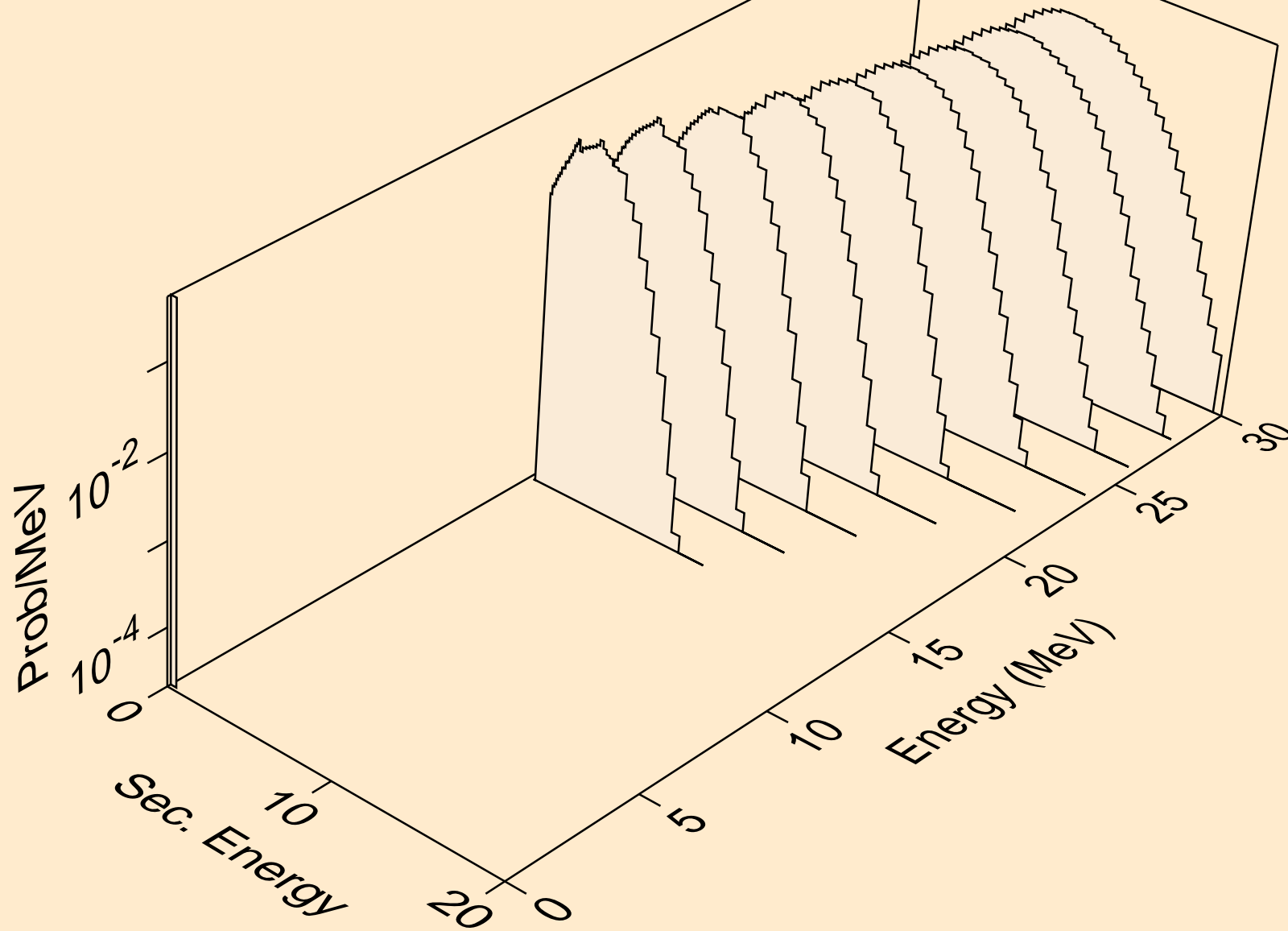
TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,n\*)d



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,d)

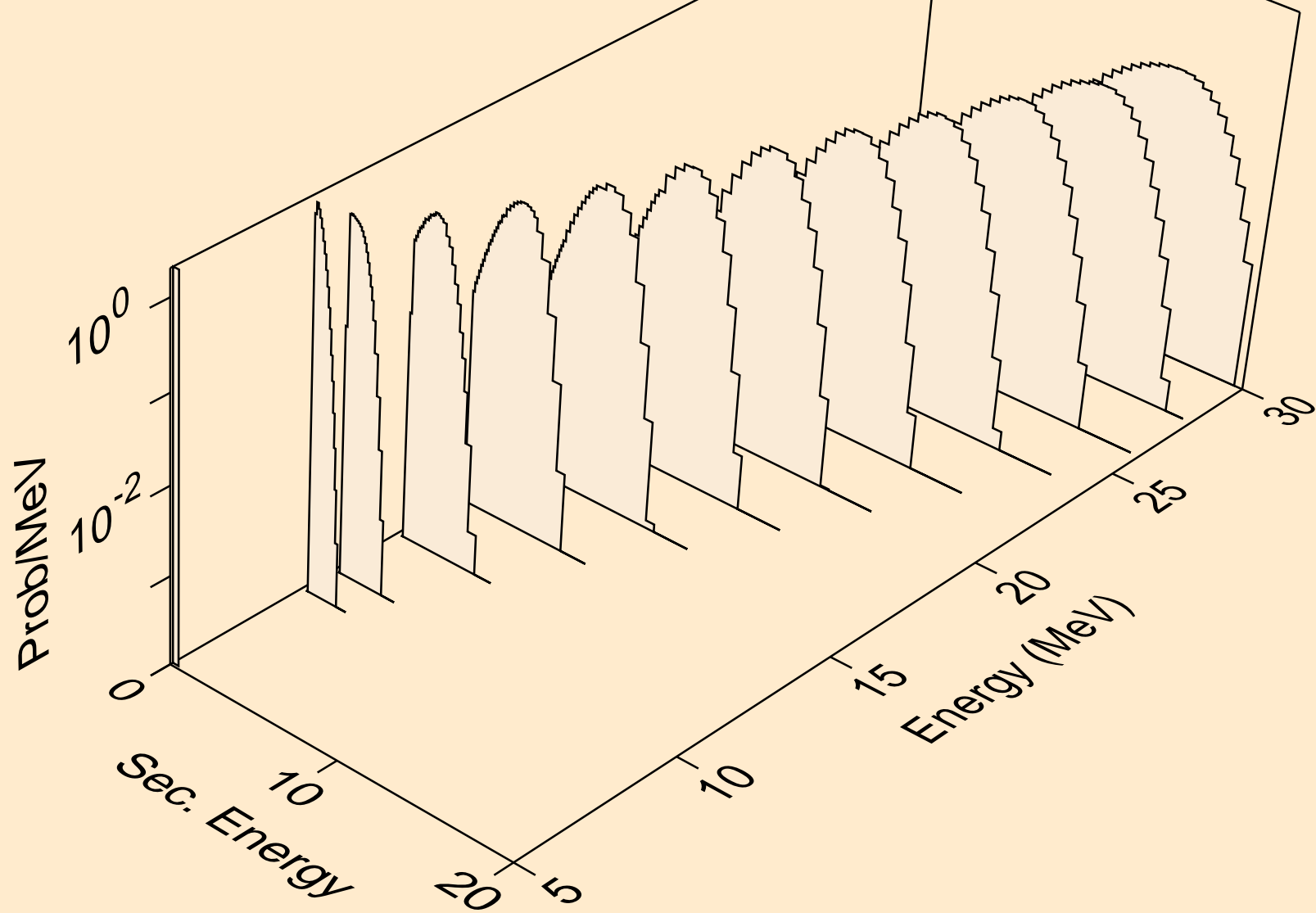


TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
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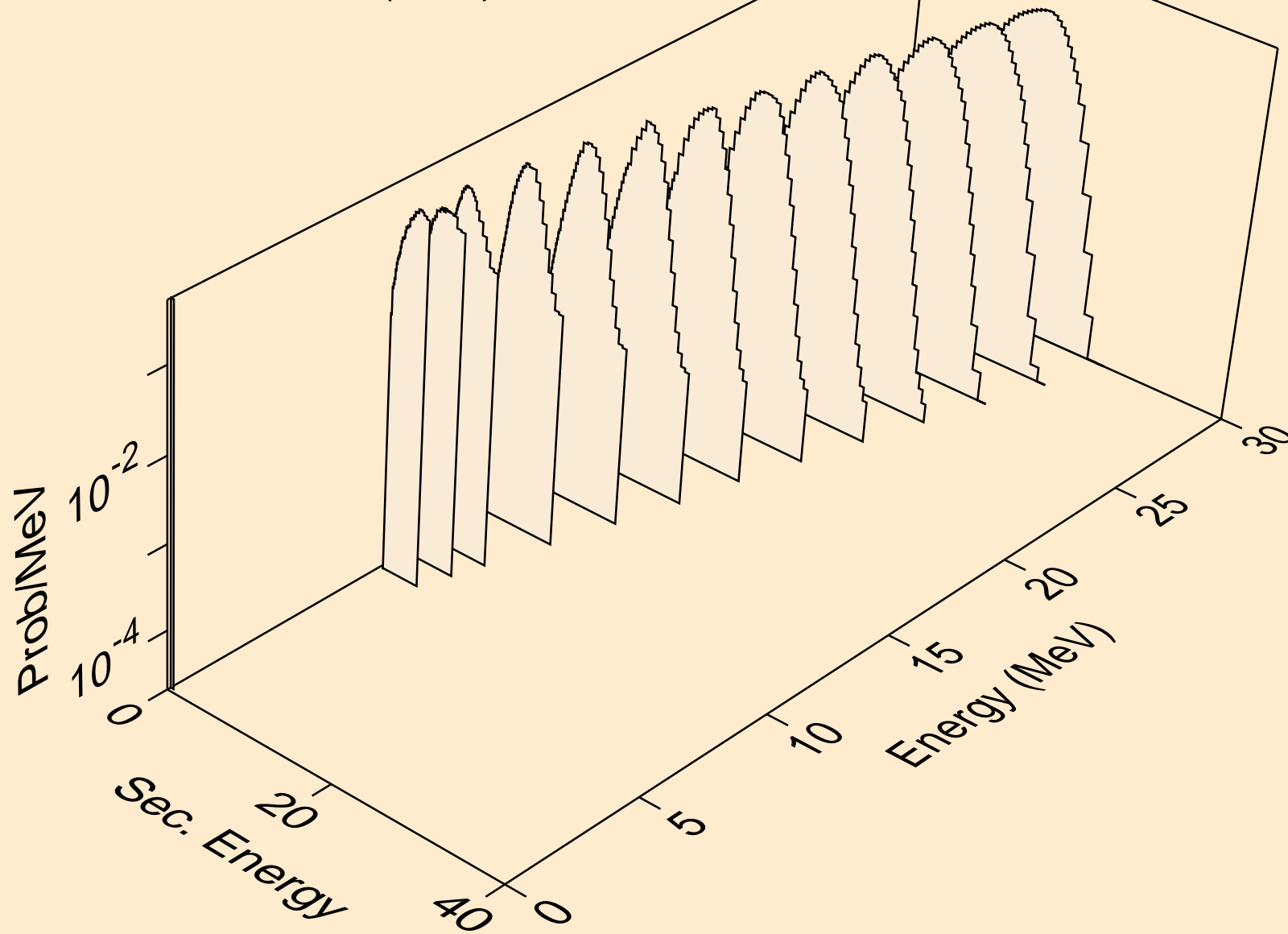




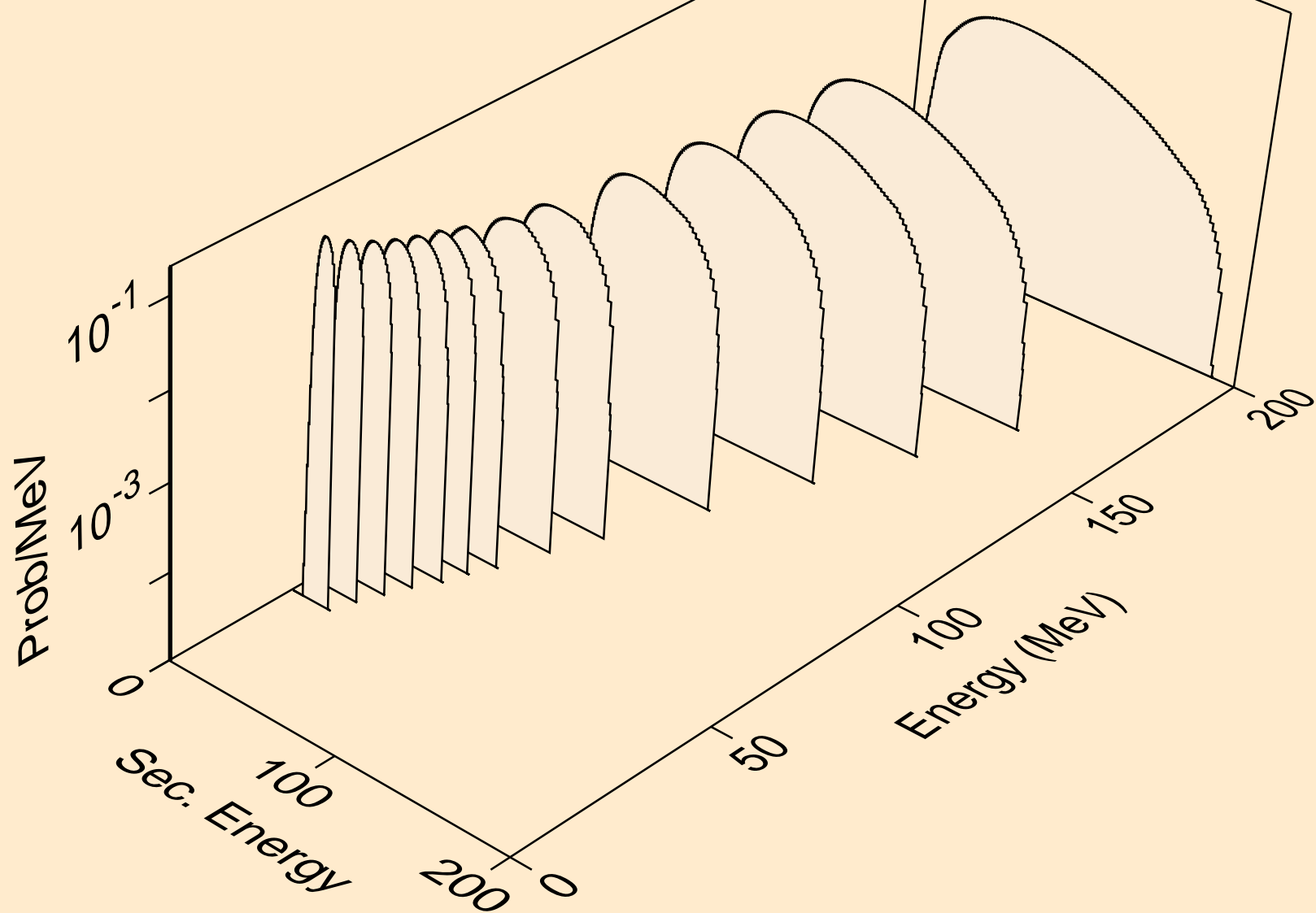
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deuterons from (s,pd)



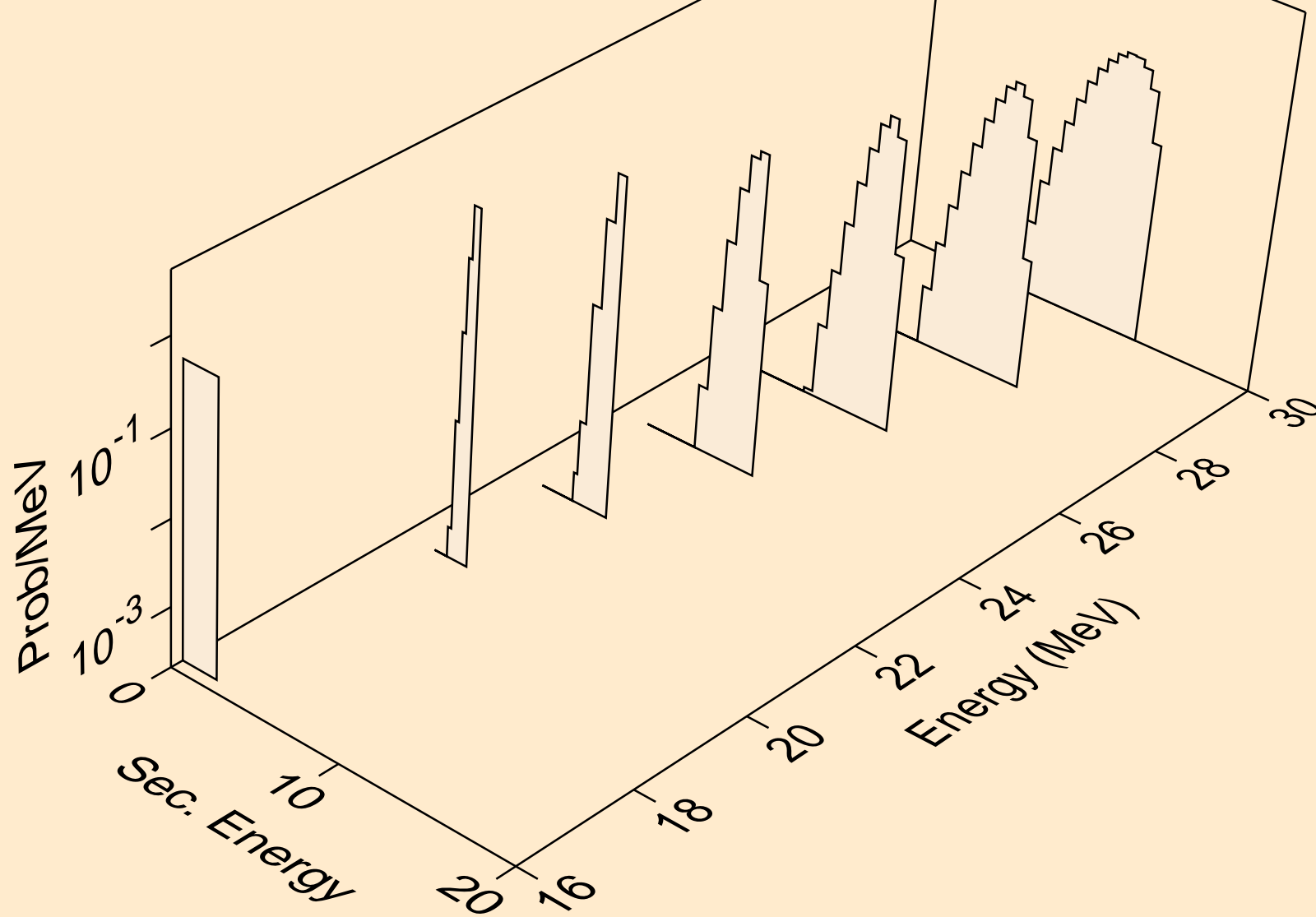
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deuterons from (s,da)



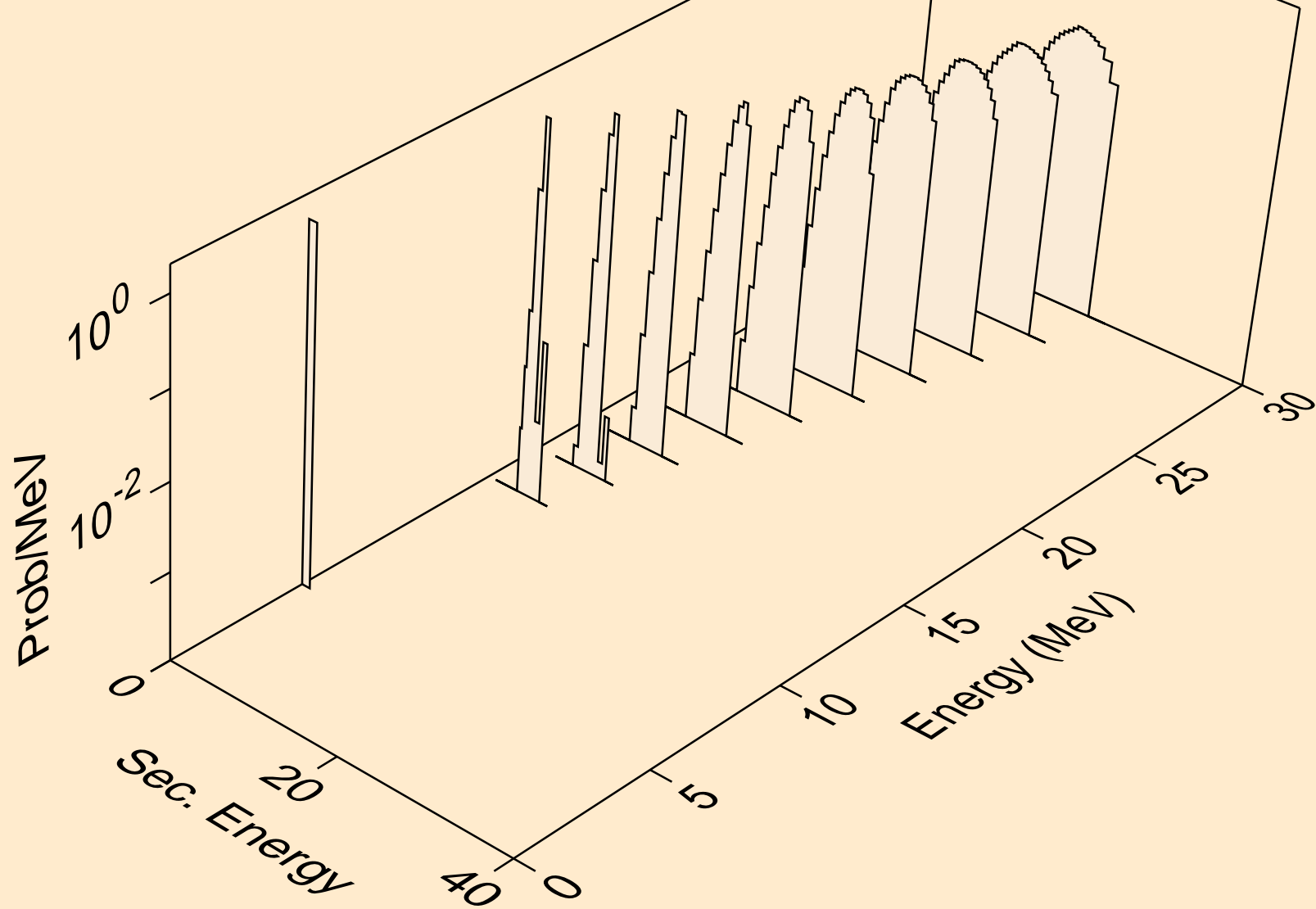
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tritons from (s,x)



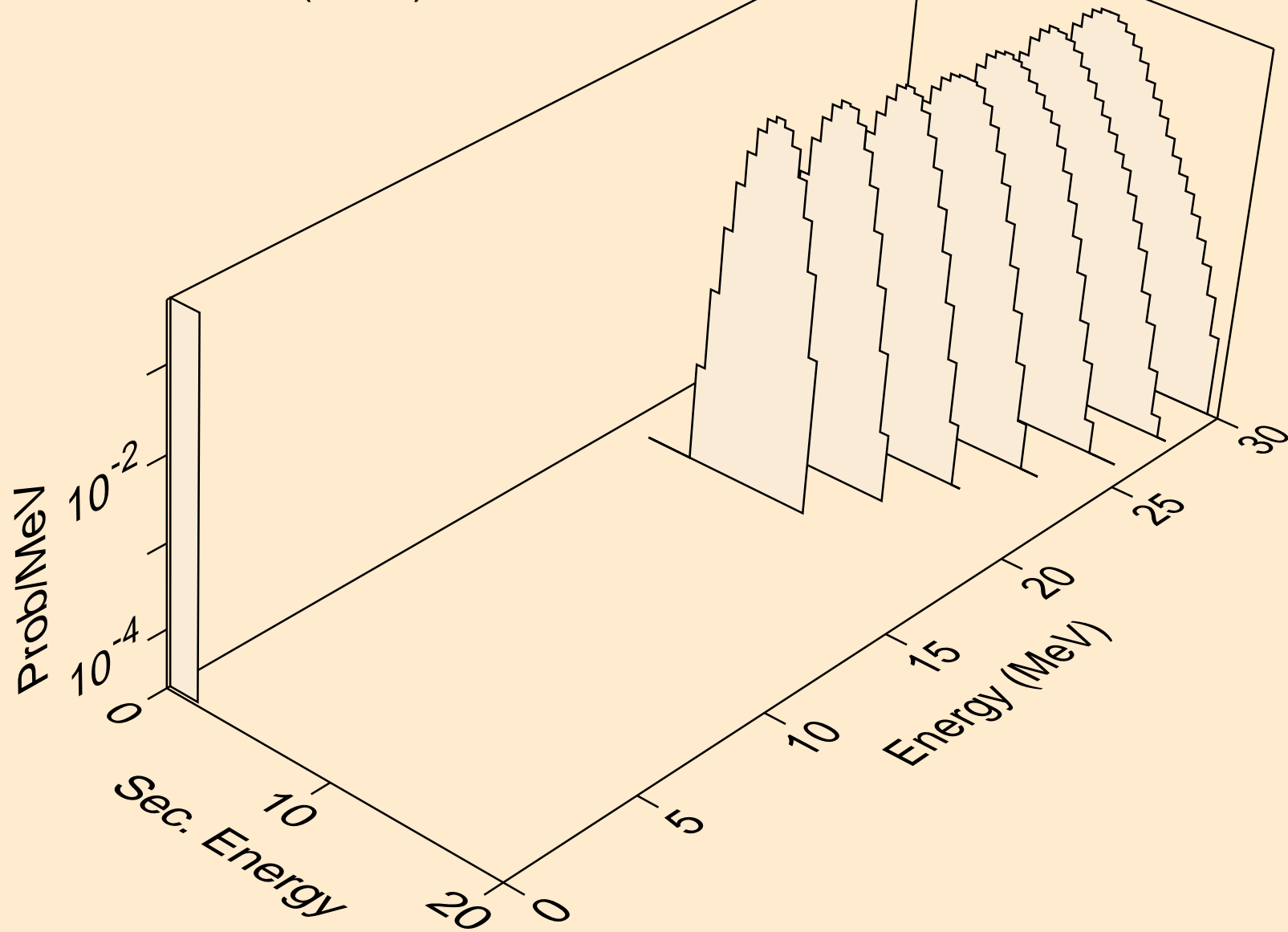
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tritons from (s,n\*)t



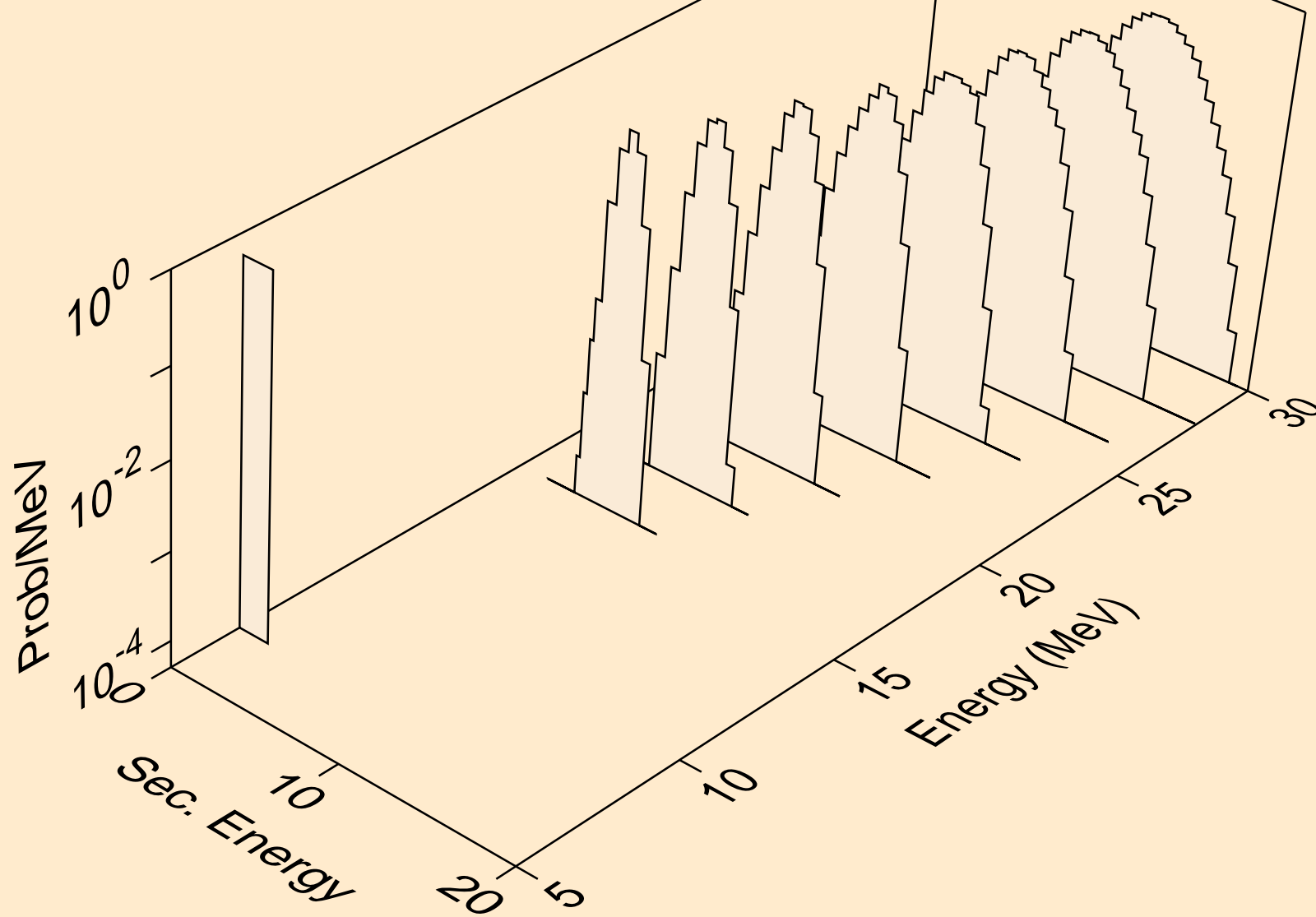
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tritons from (s,t)



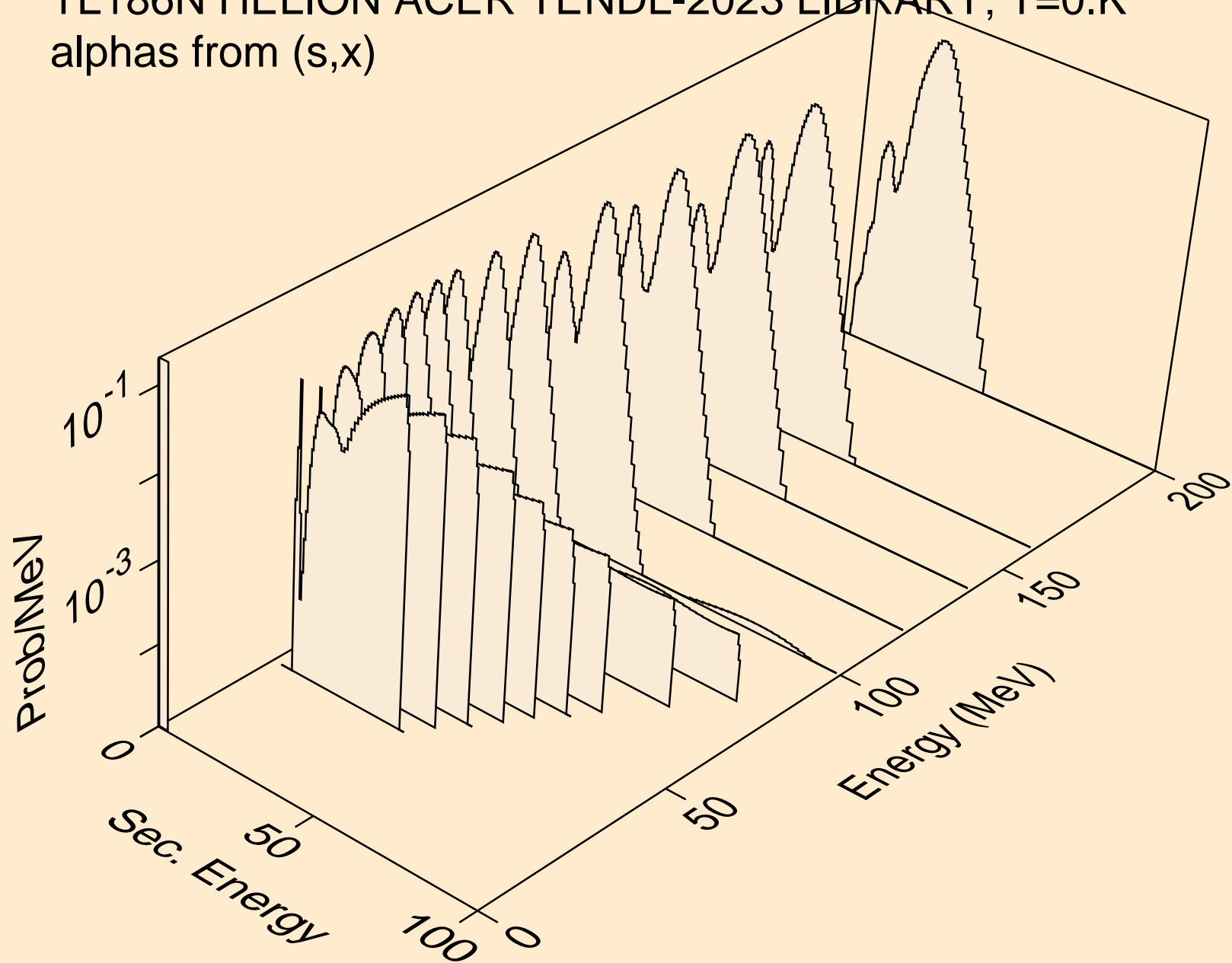
TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t2a)



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)

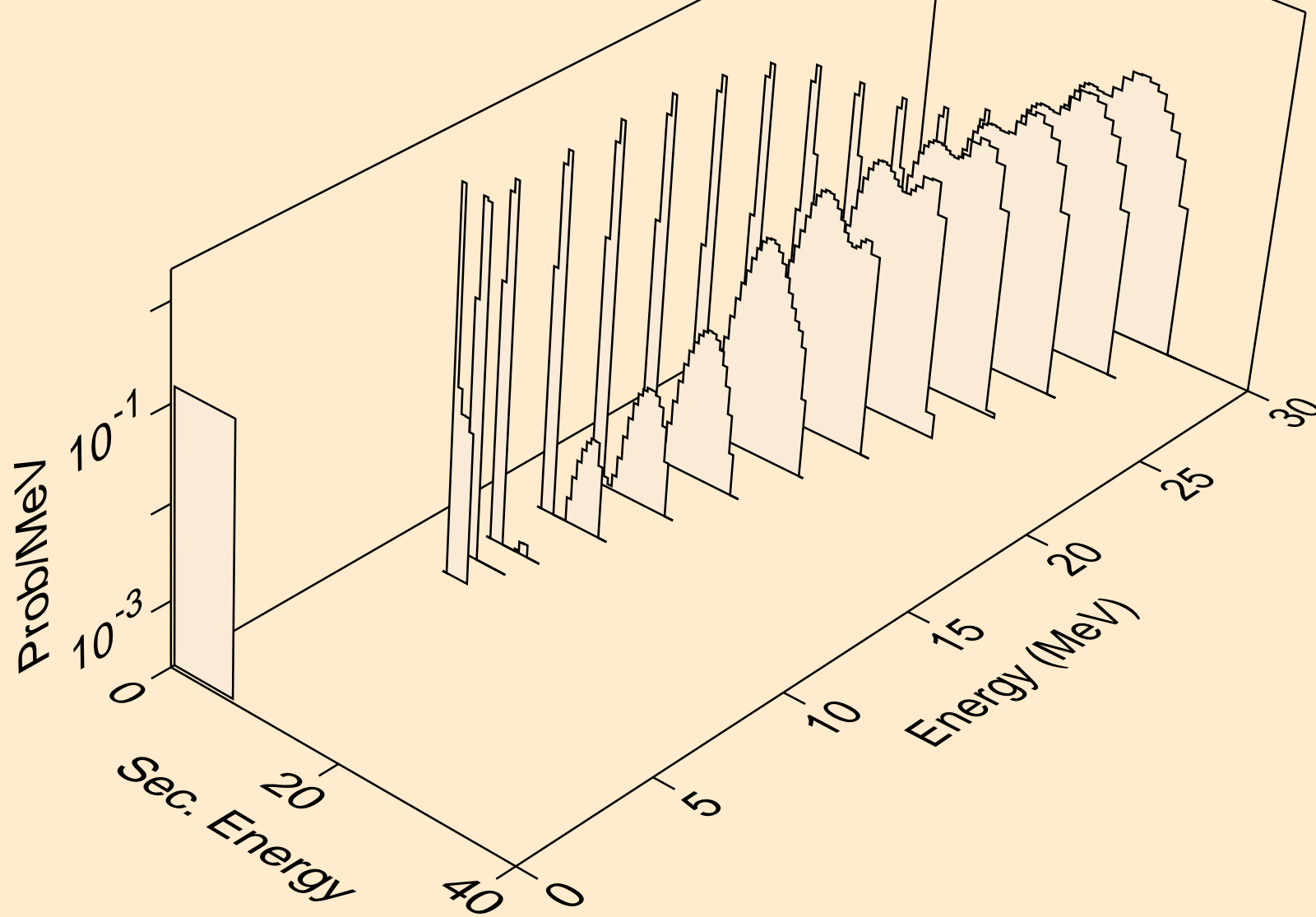


TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)

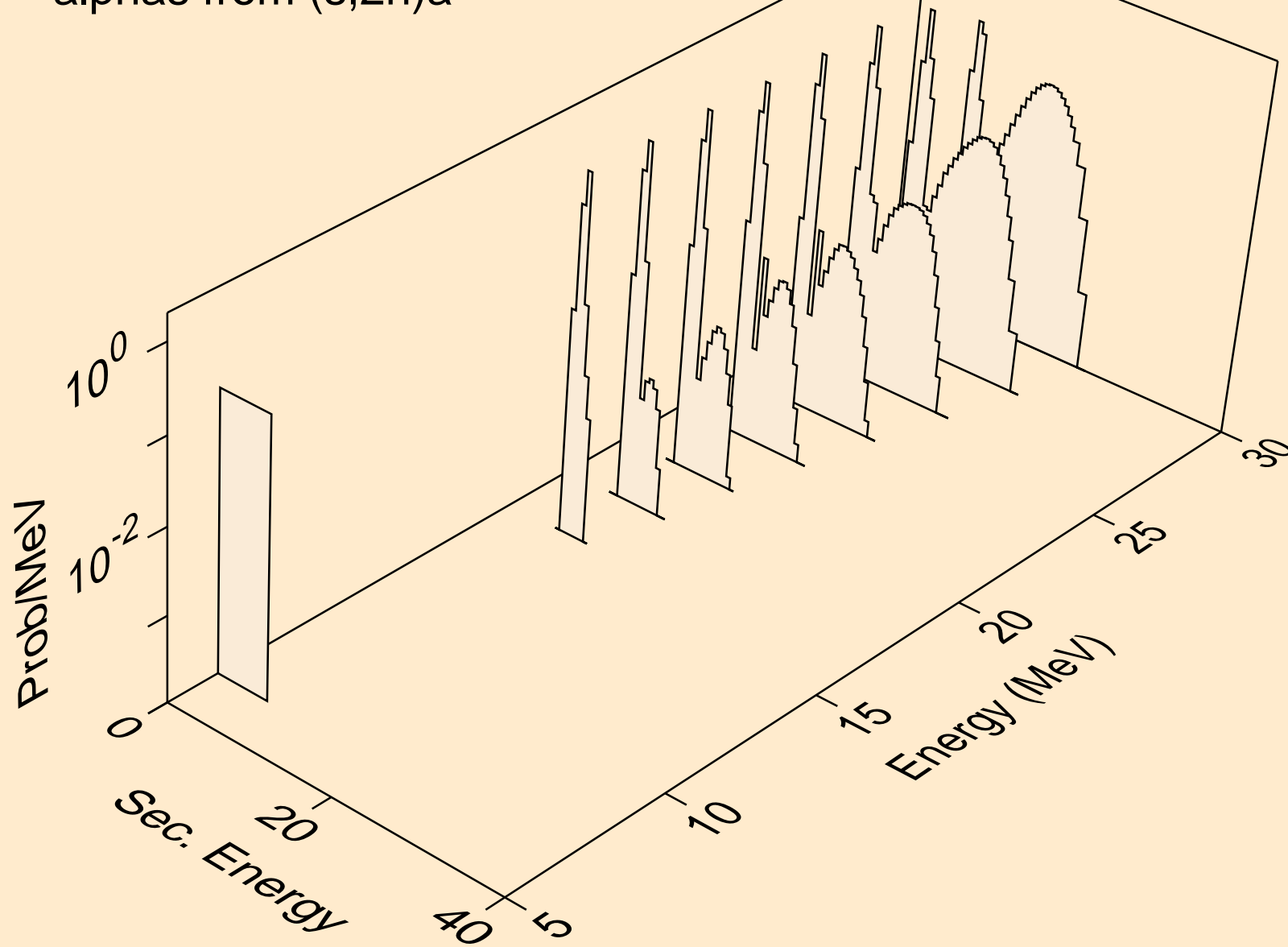




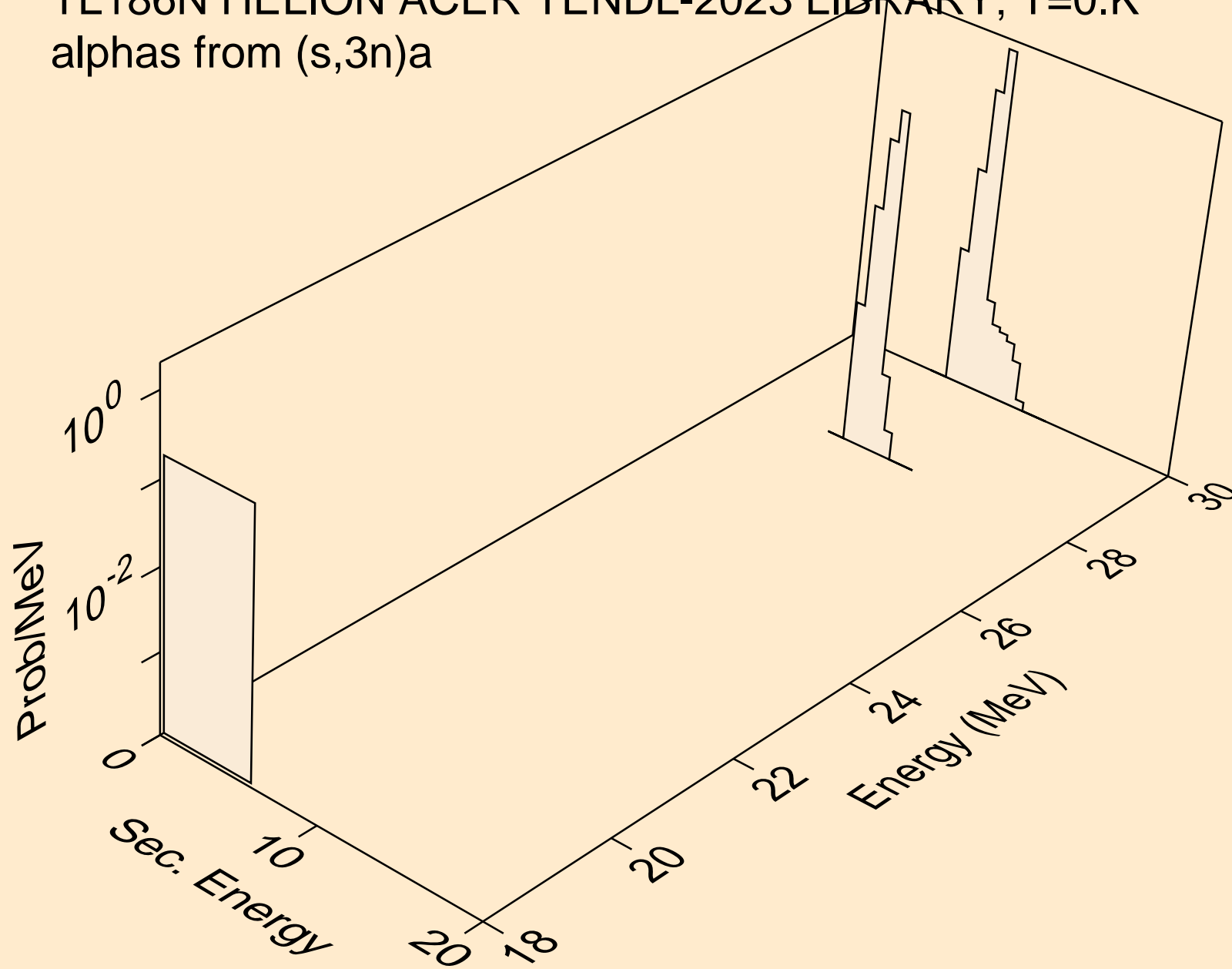
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alphas from (s,n\*)a



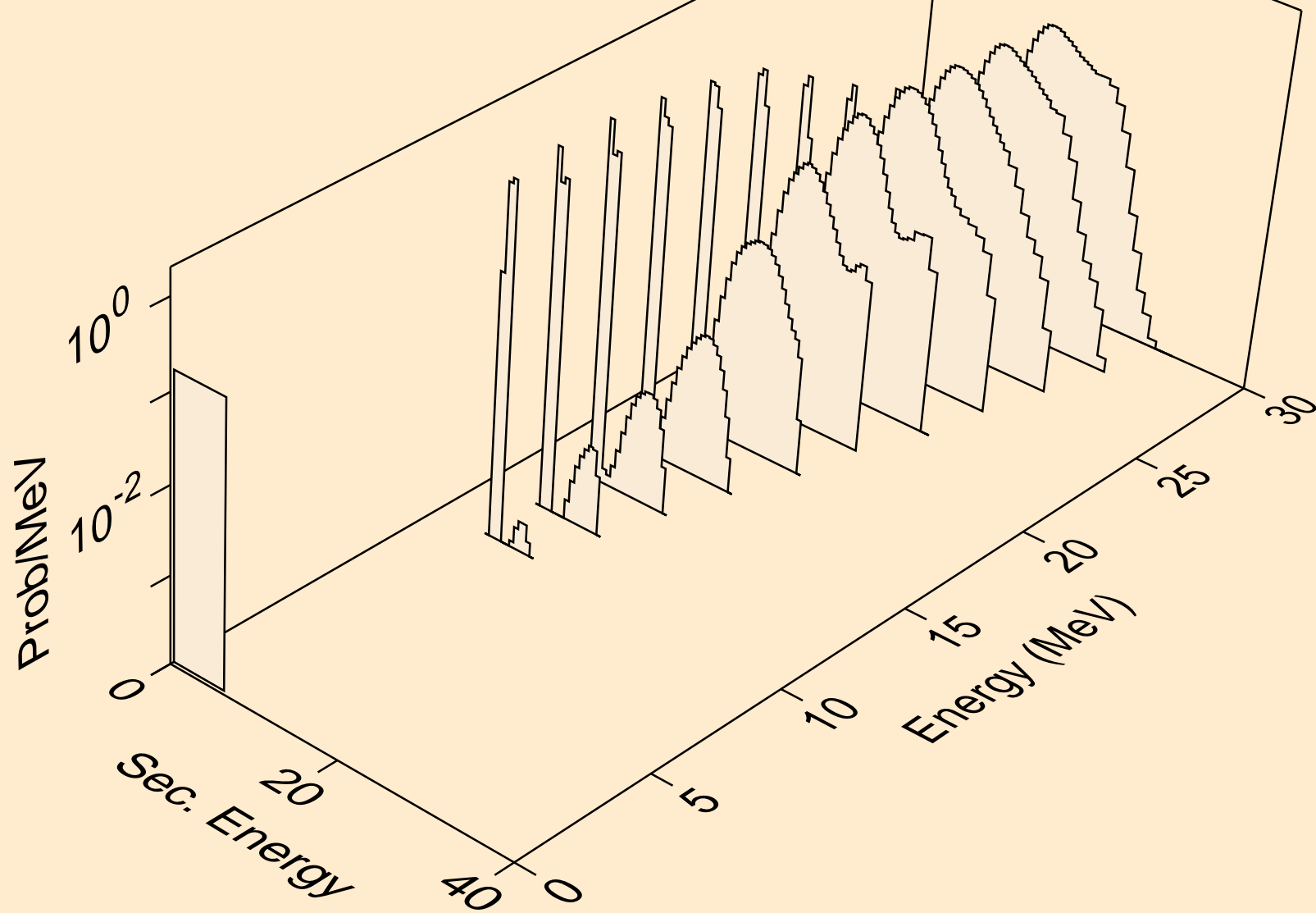
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alphas from (s,2n)a



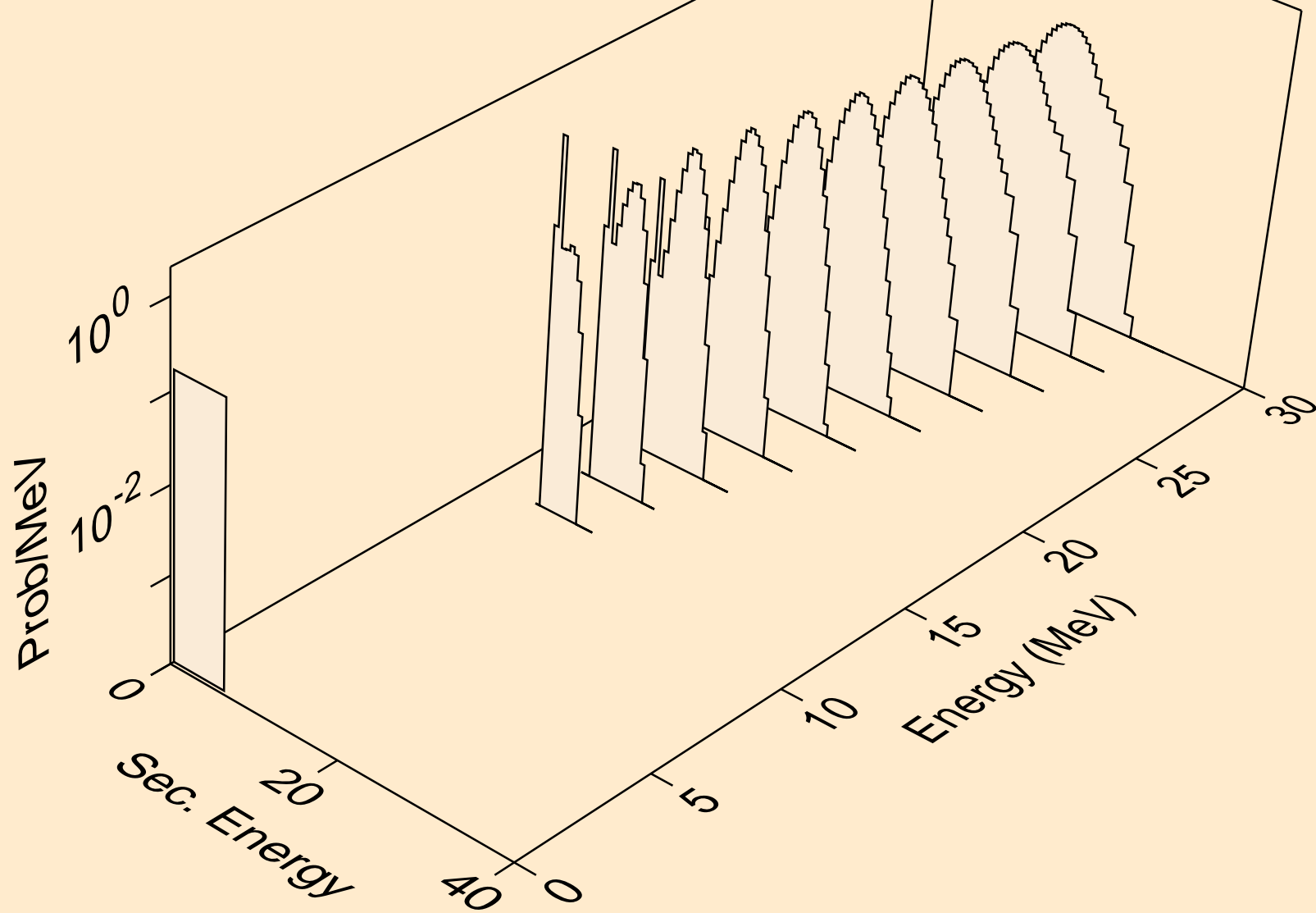
TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a



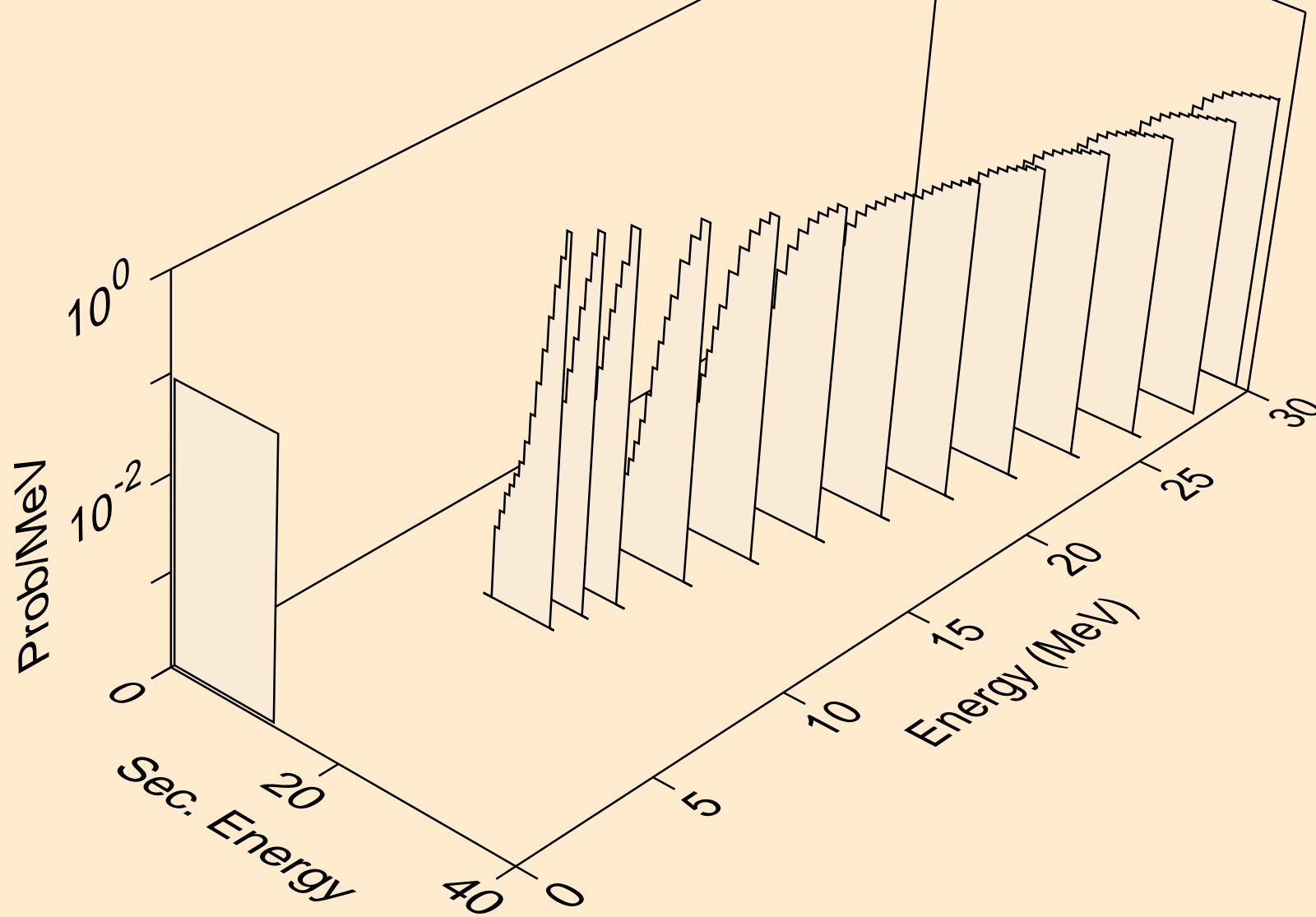
TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a



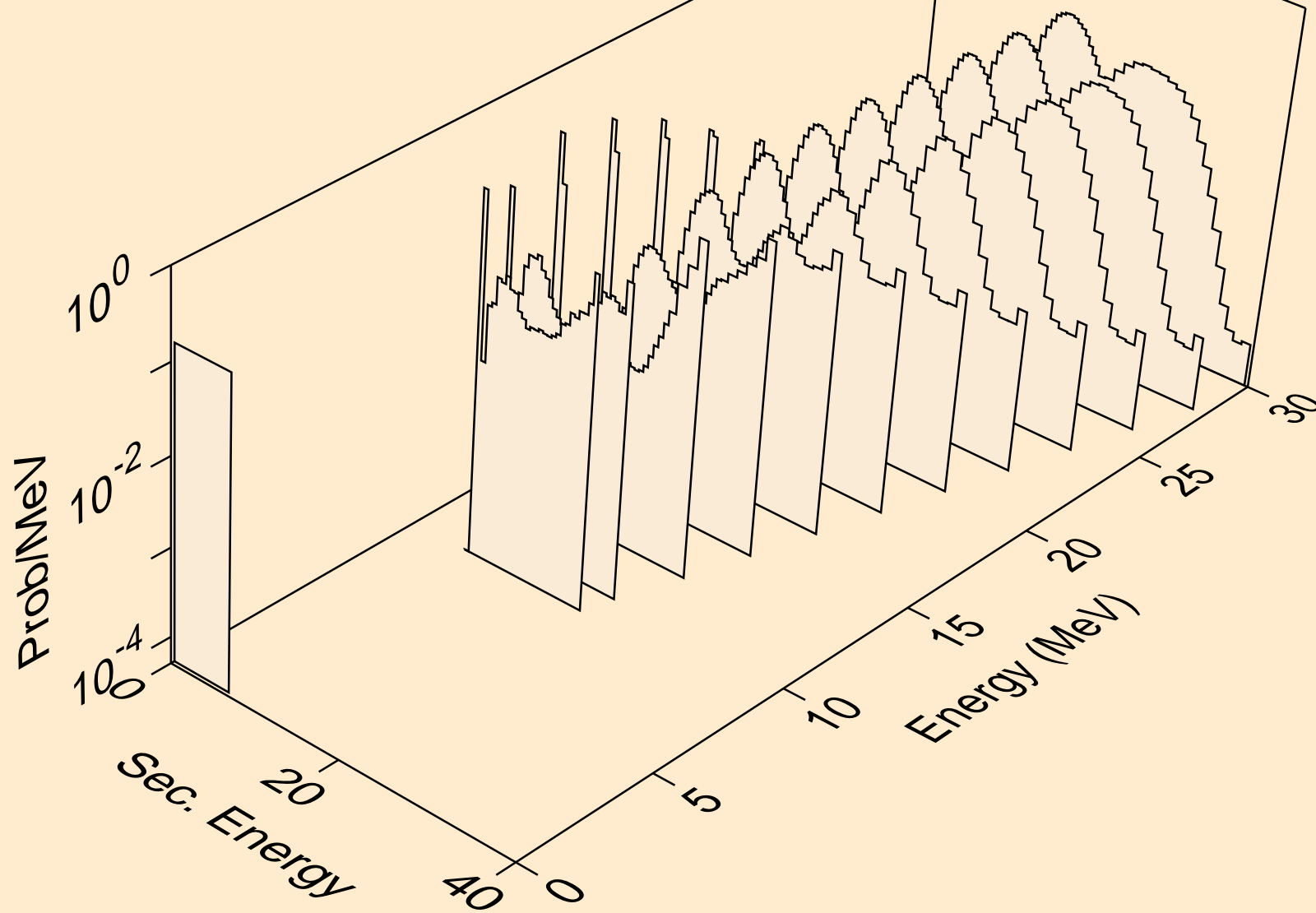
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alphas from (s,npa)



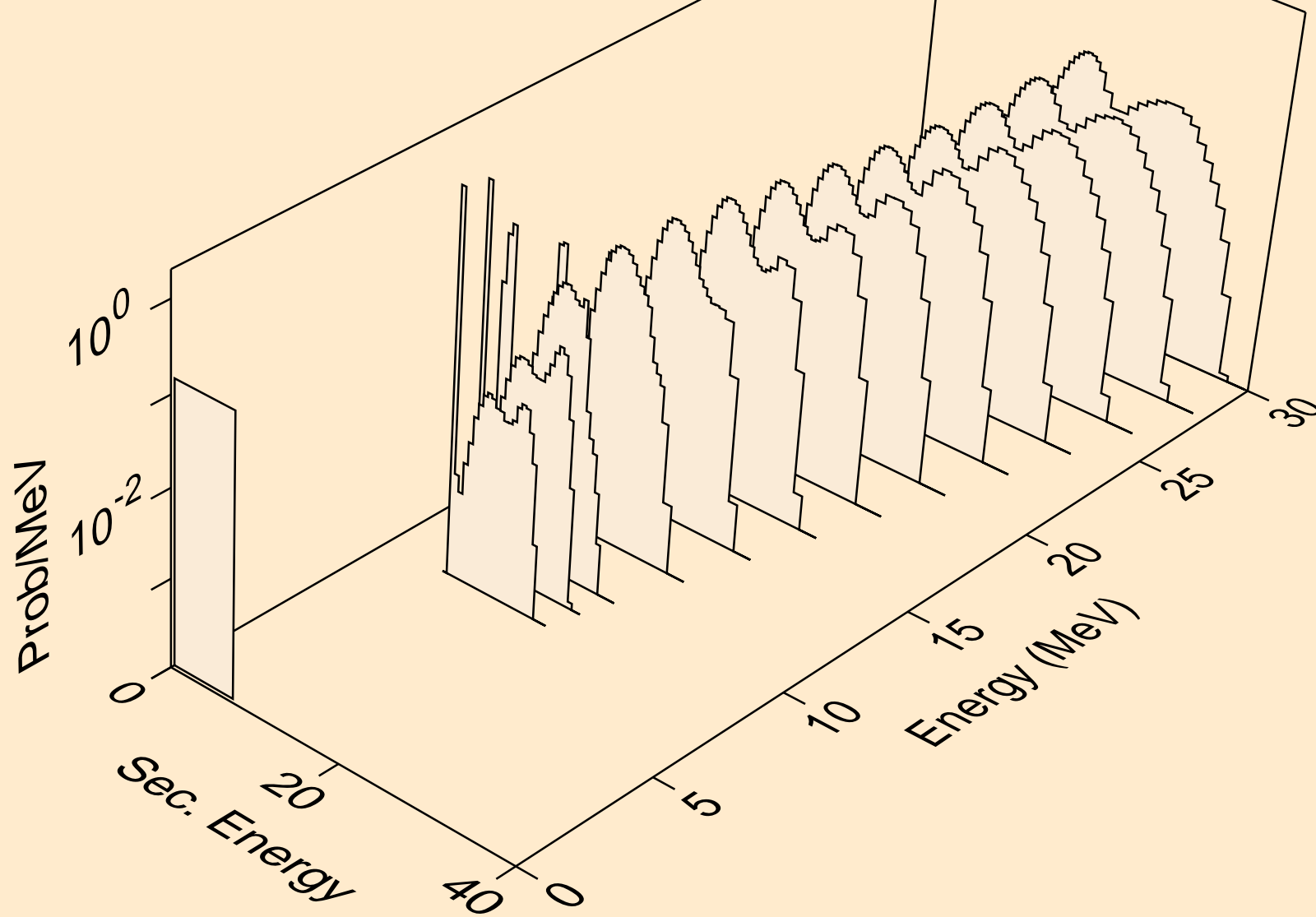
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alphas from (s,a)



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)

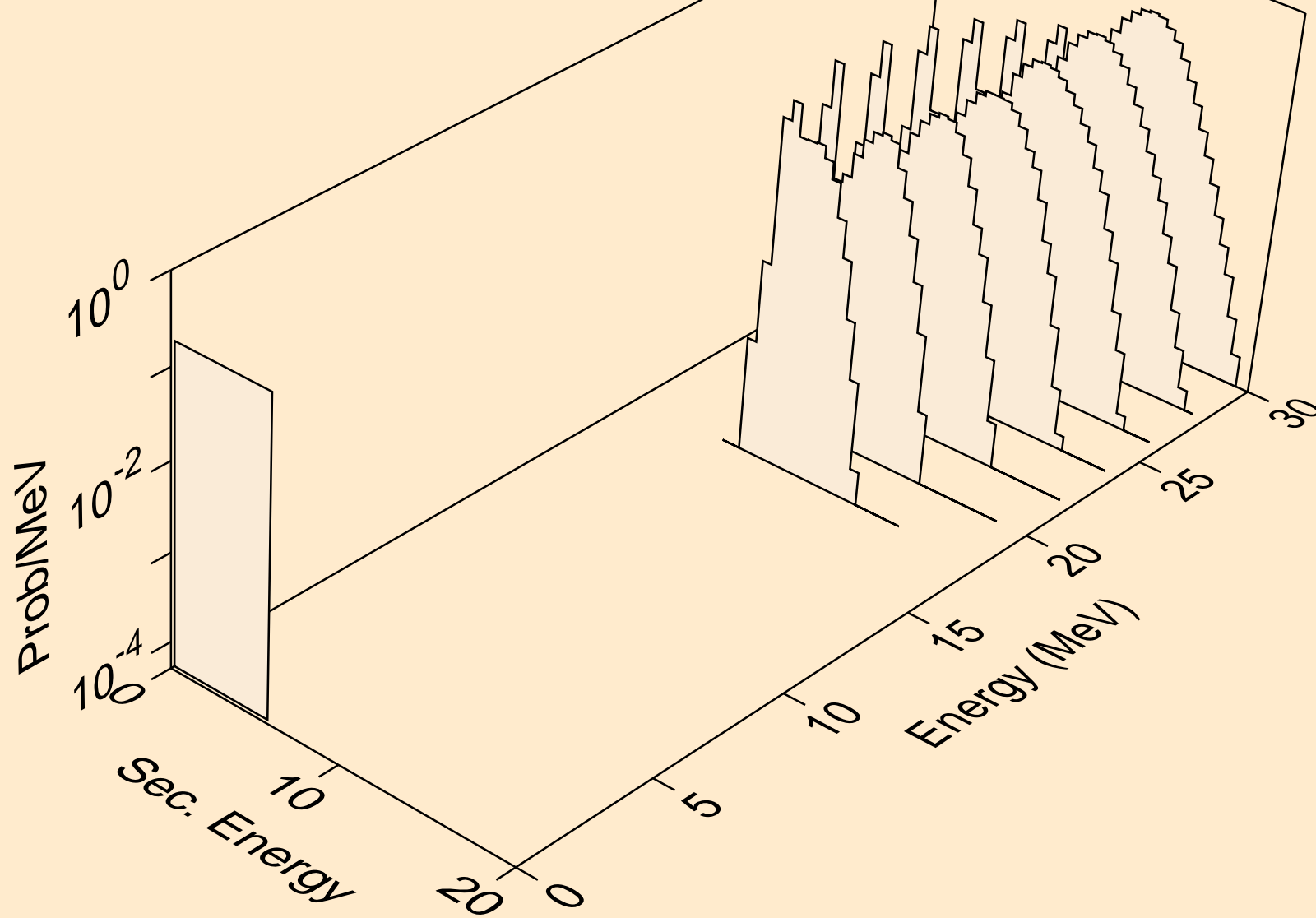


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alphas from (s,pa)

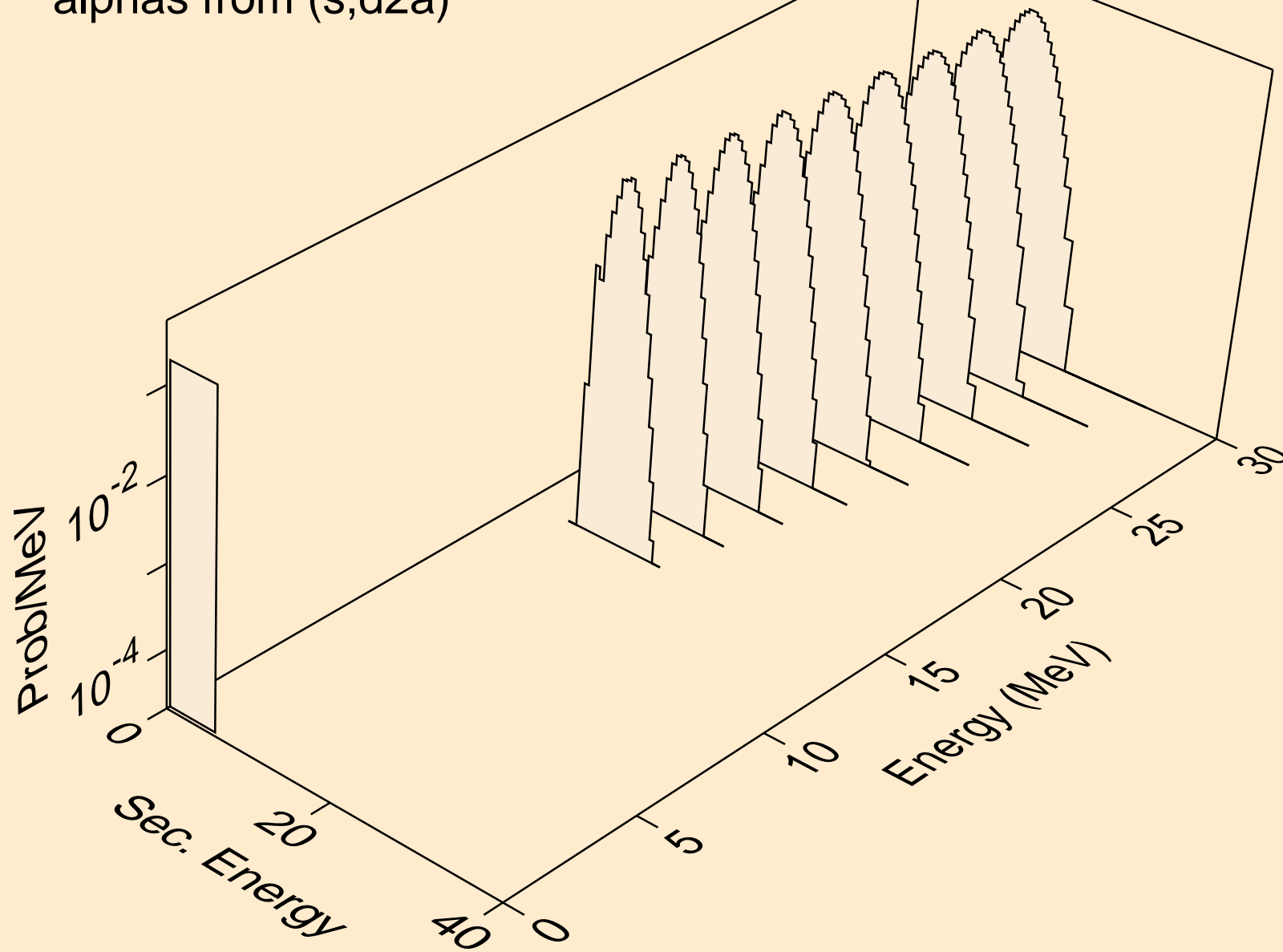




TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,t2a)



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,d2a)



TL186N HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

