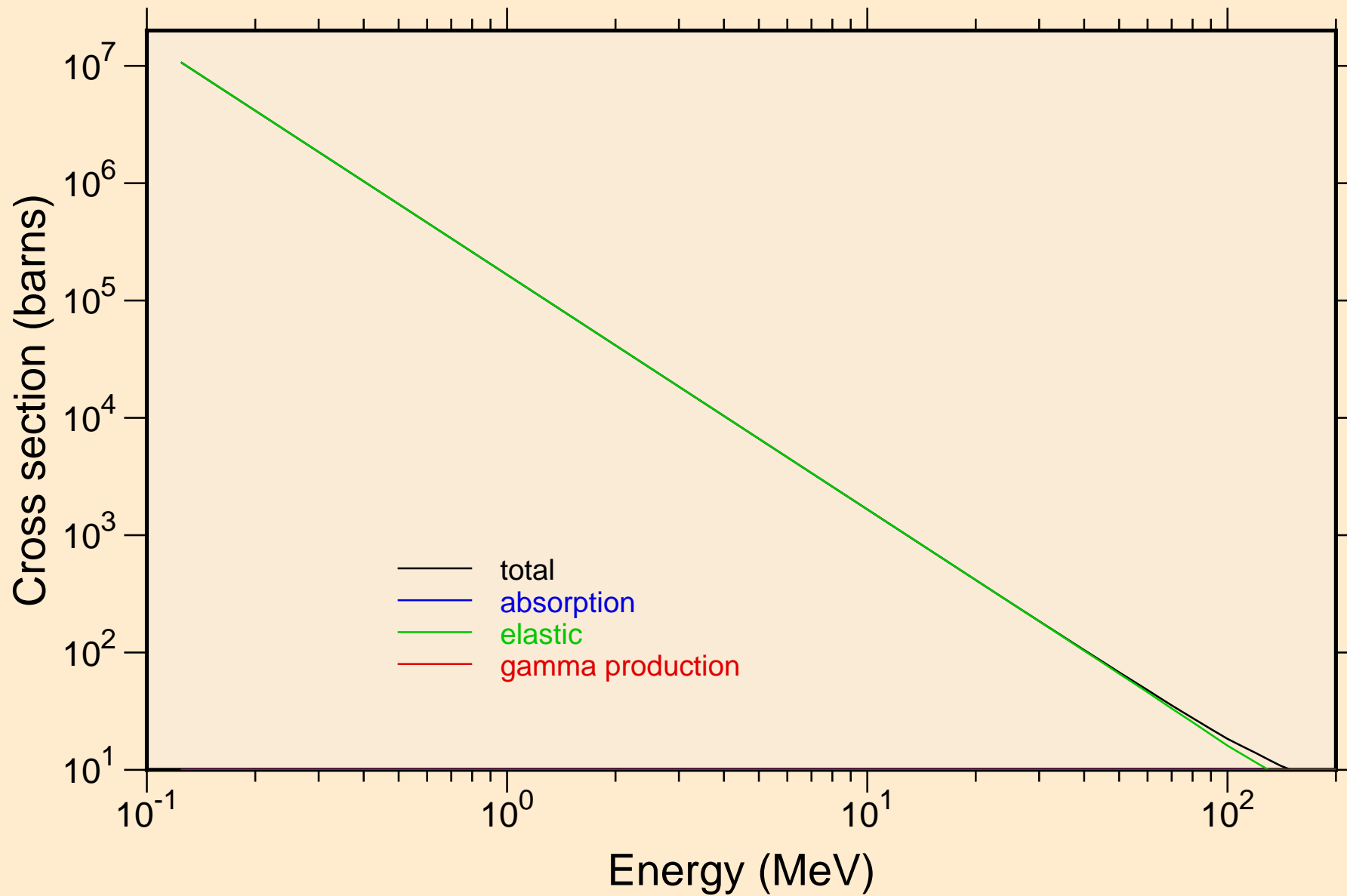
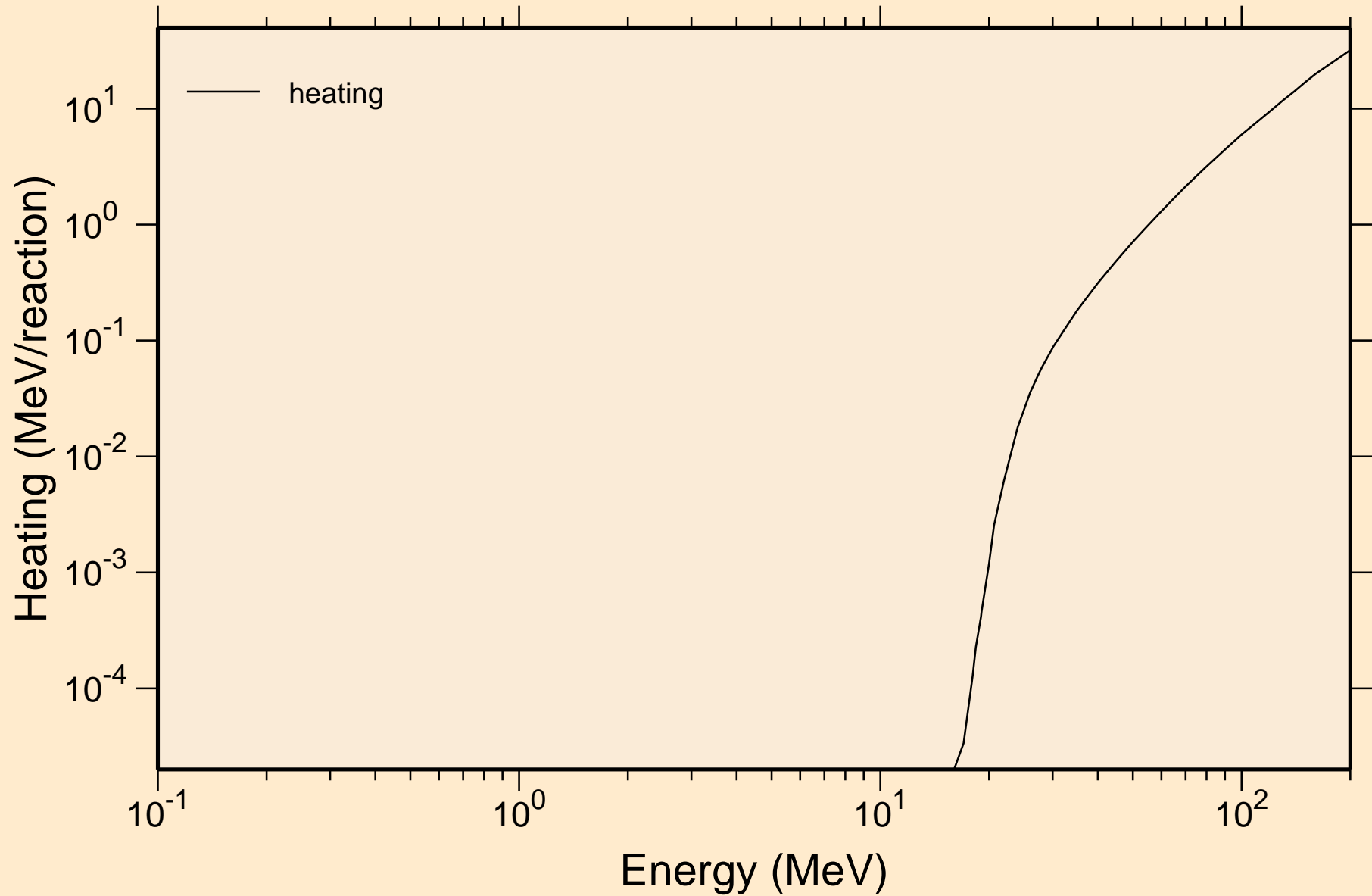


TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



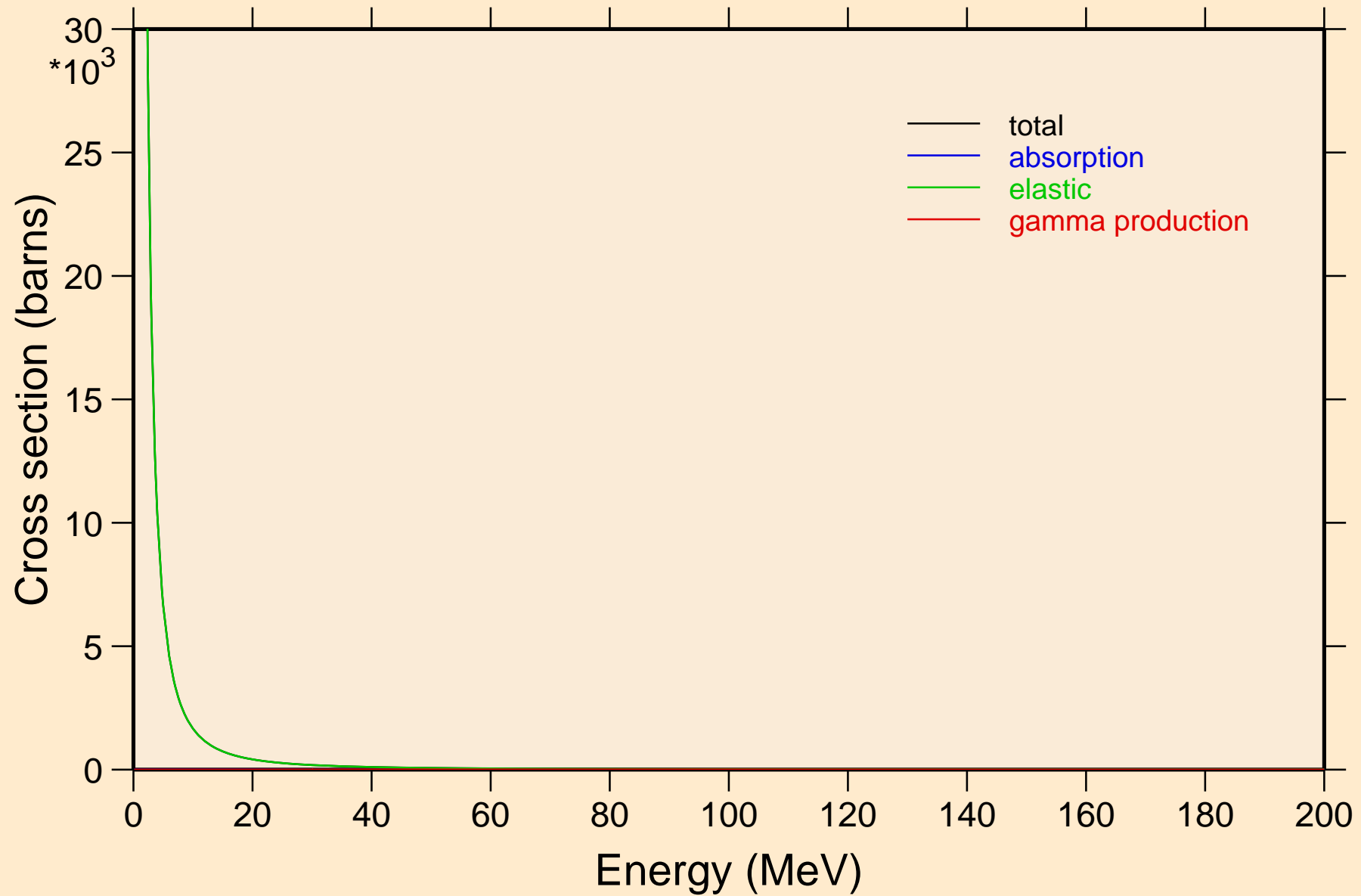
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Heating



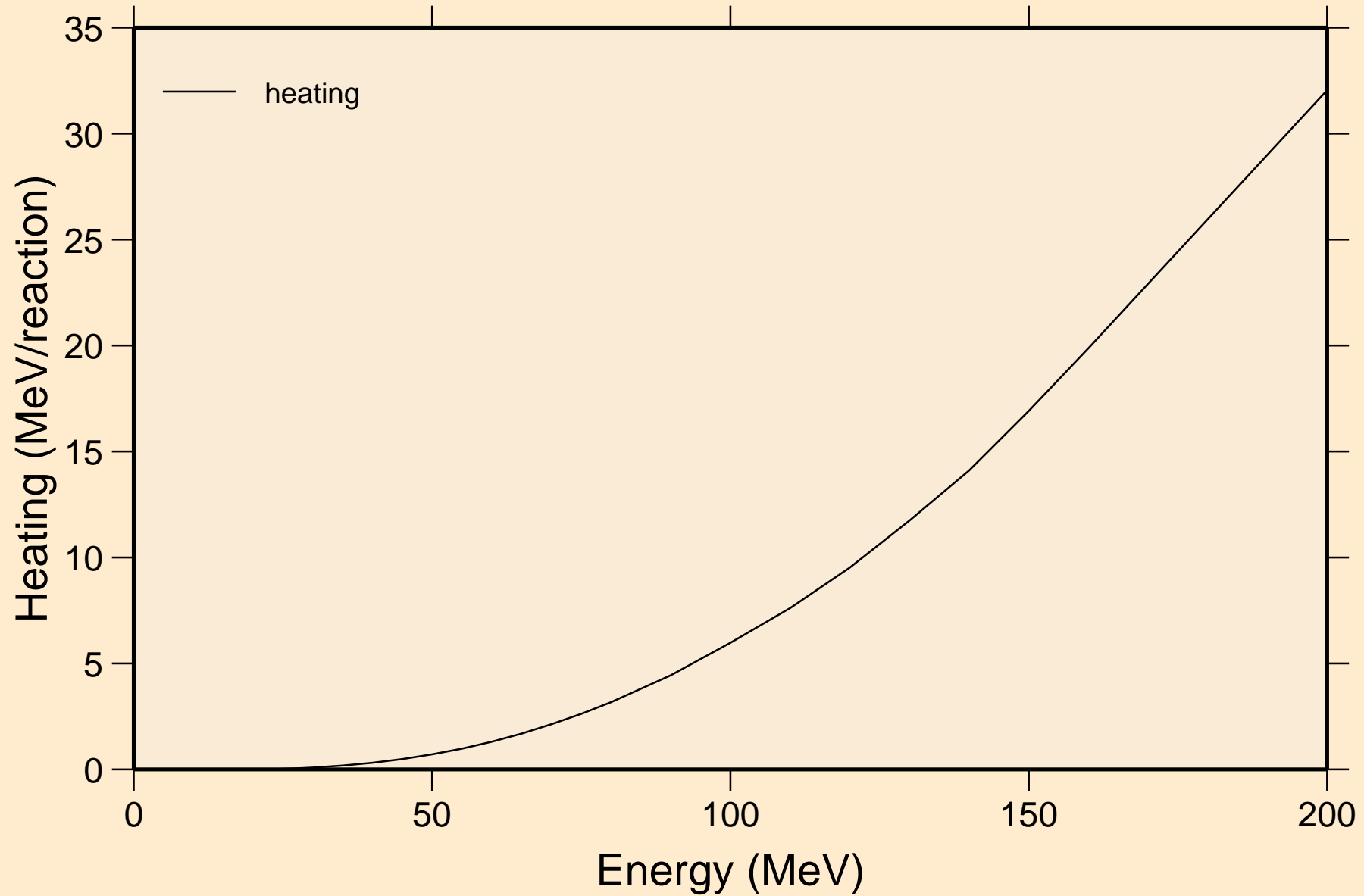
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## Principal cross sections

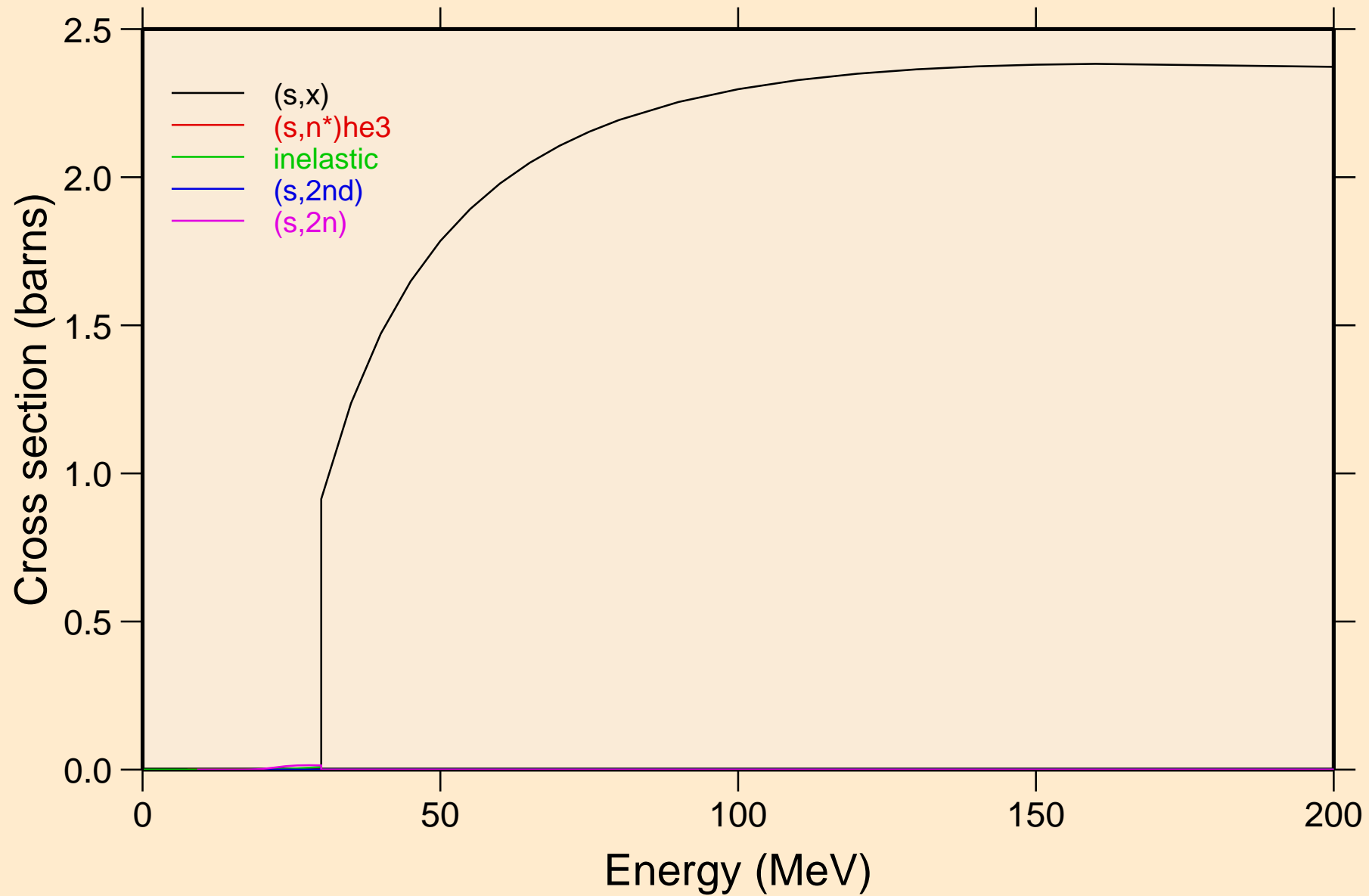


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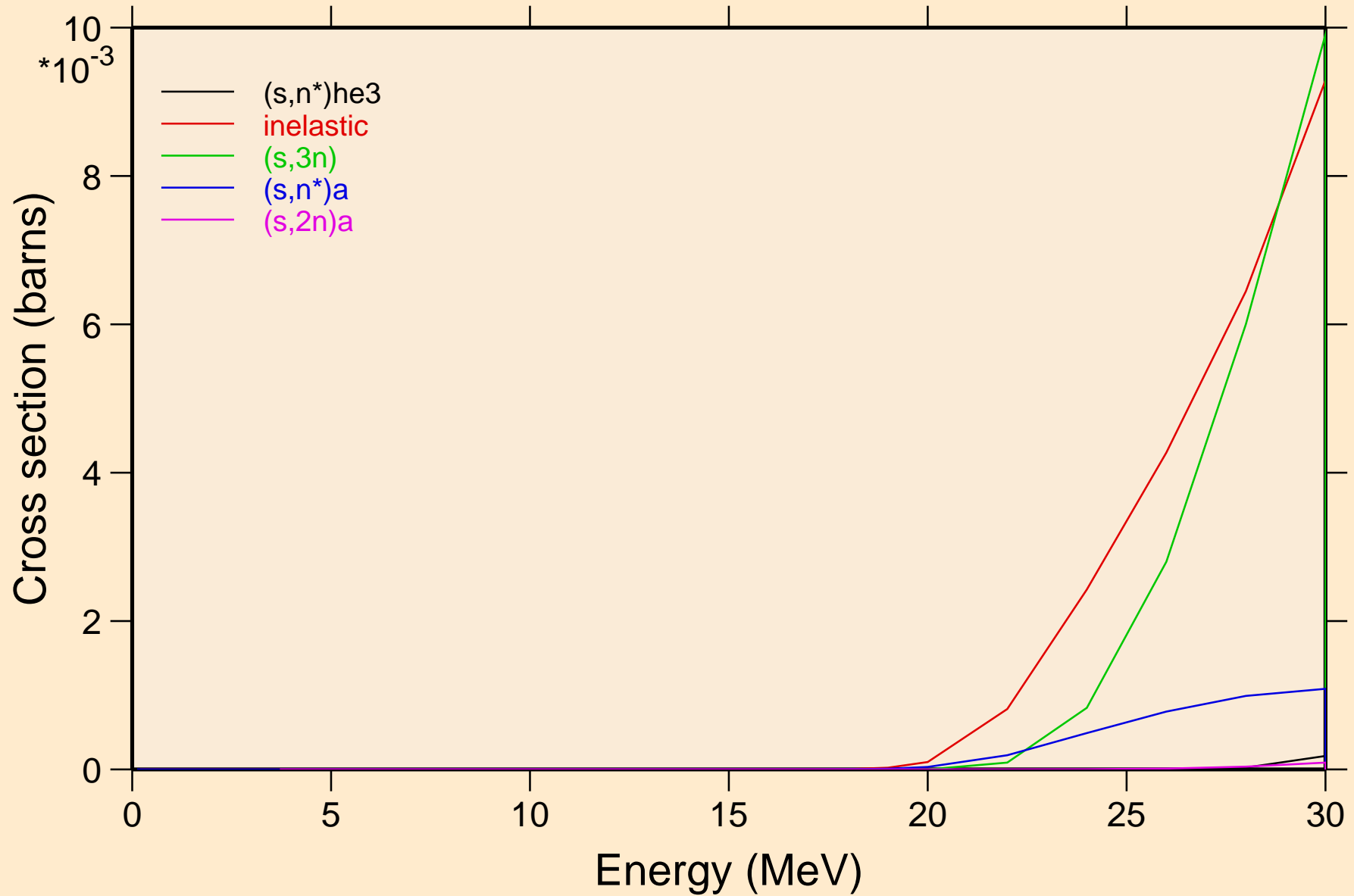
Heating



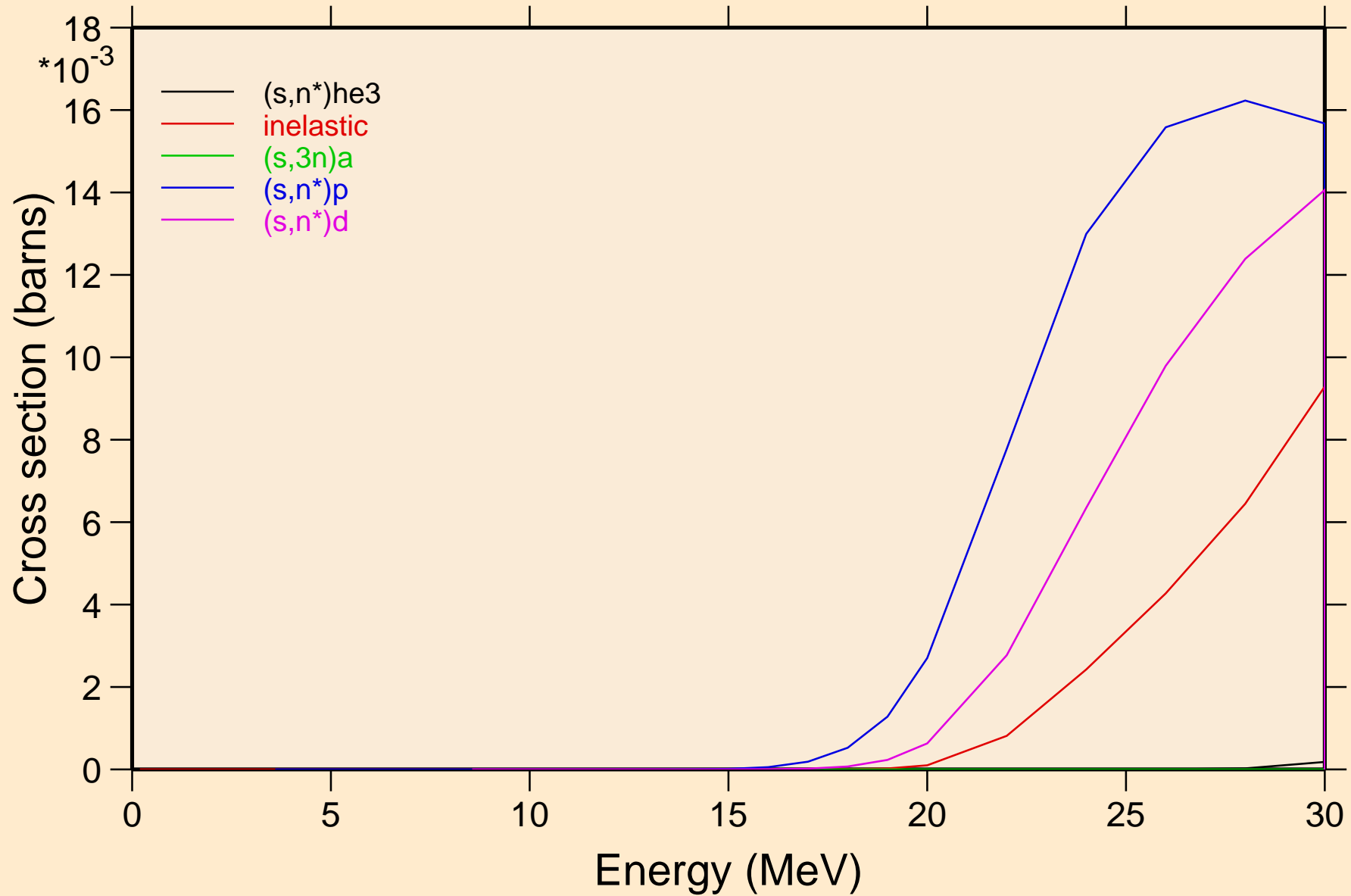
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Threshold reactions



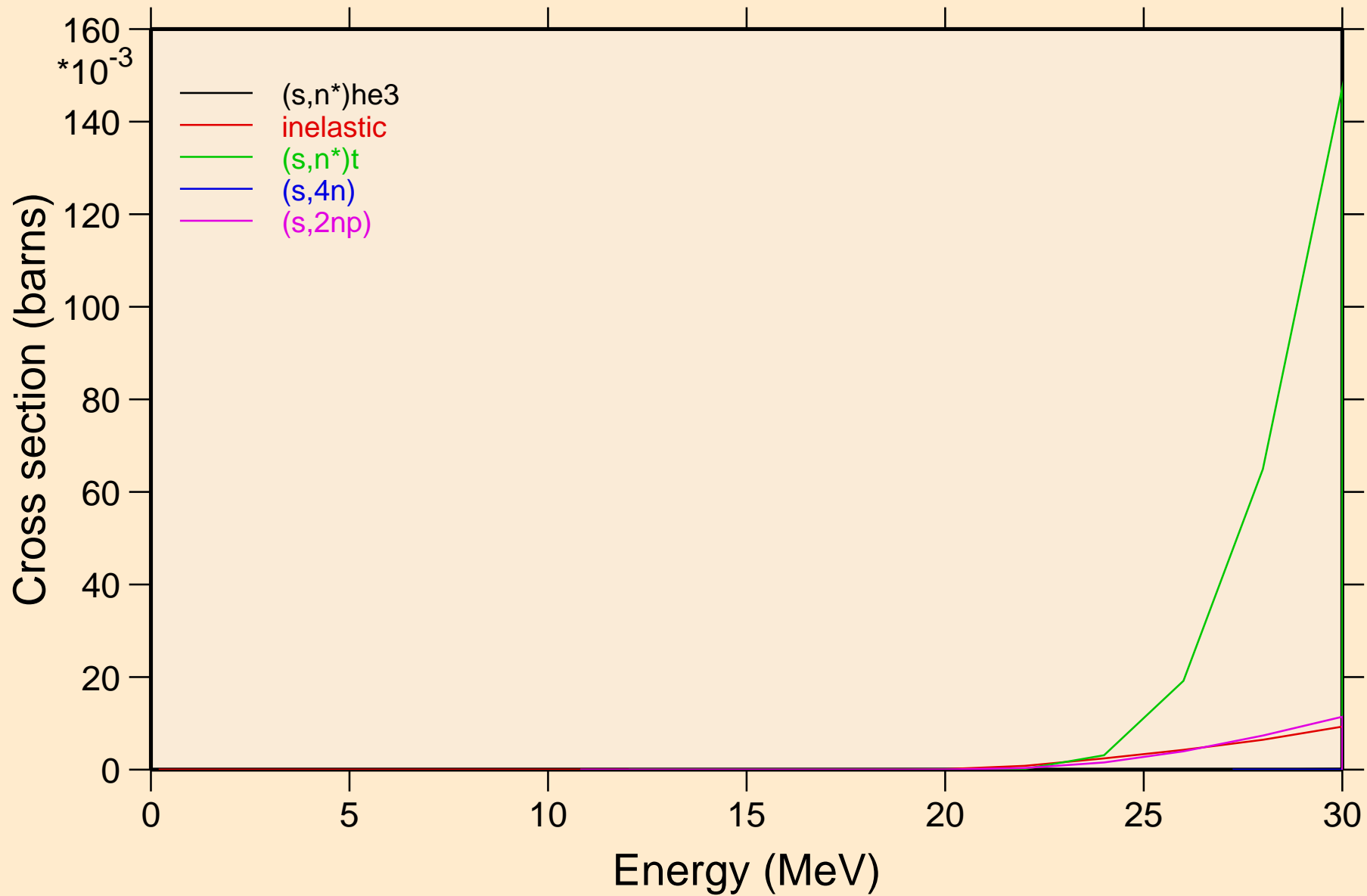
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

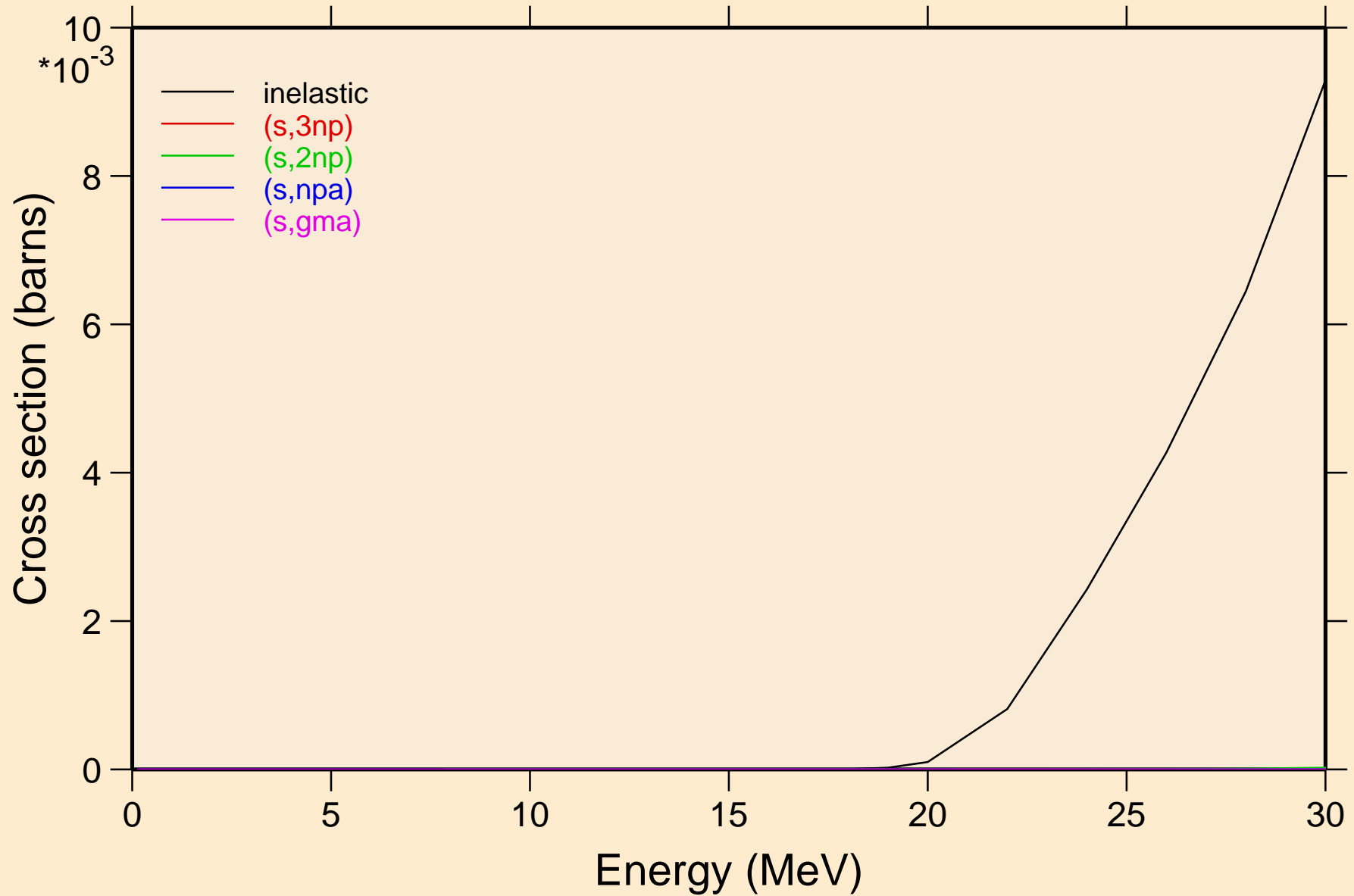


TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

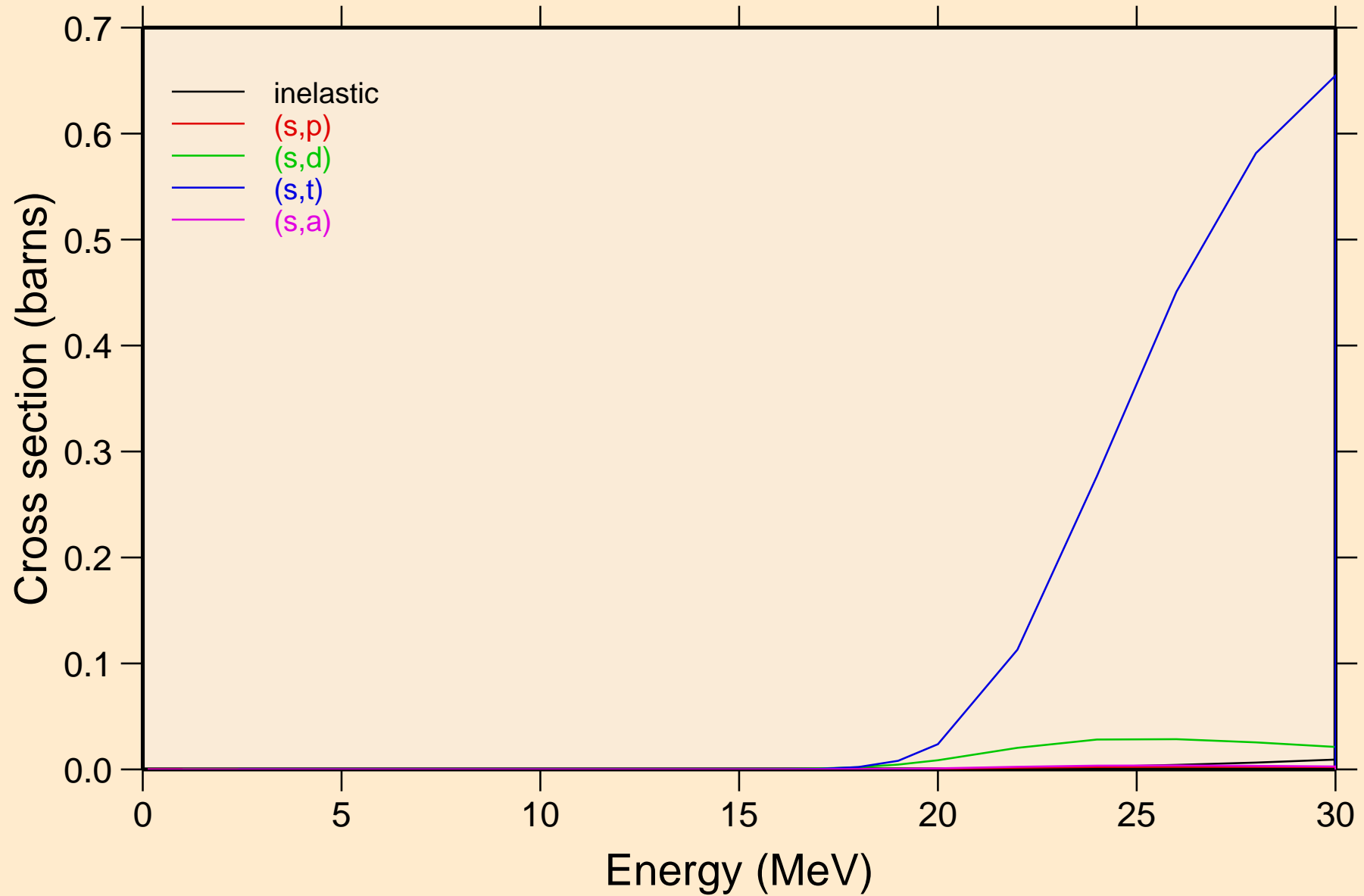




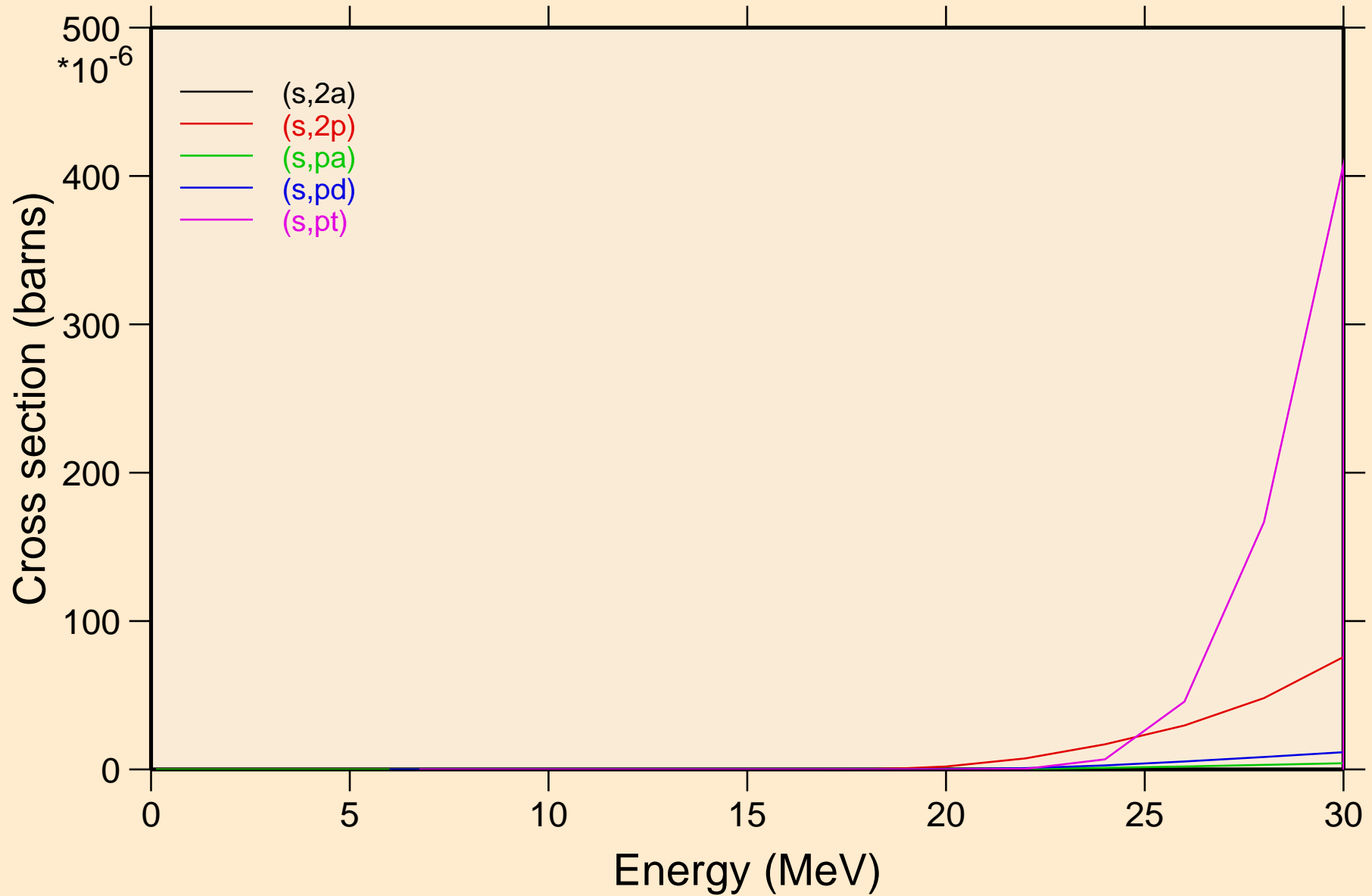
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Threshold reactions



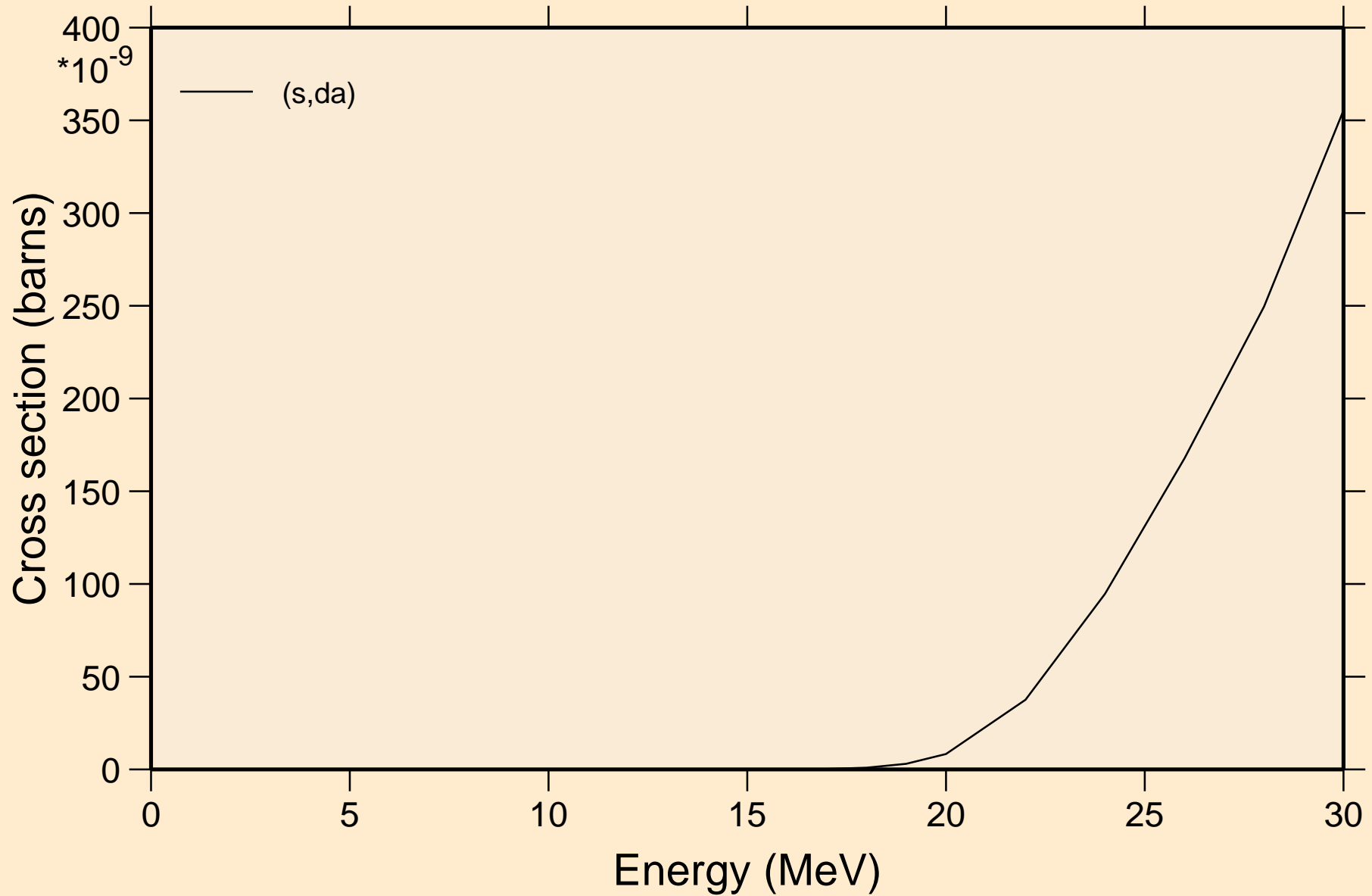
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Threshold reactions



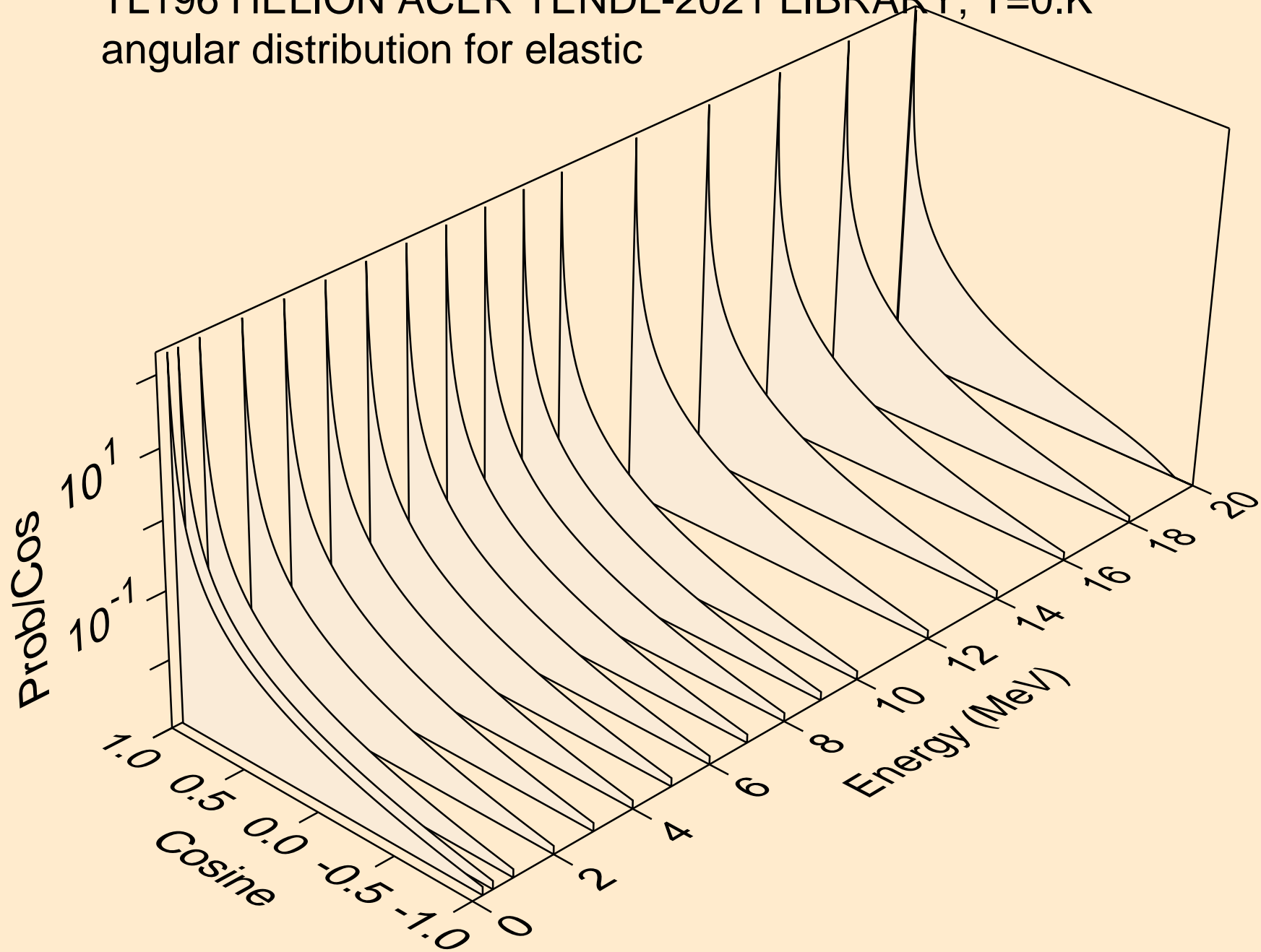
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Threshold reactions



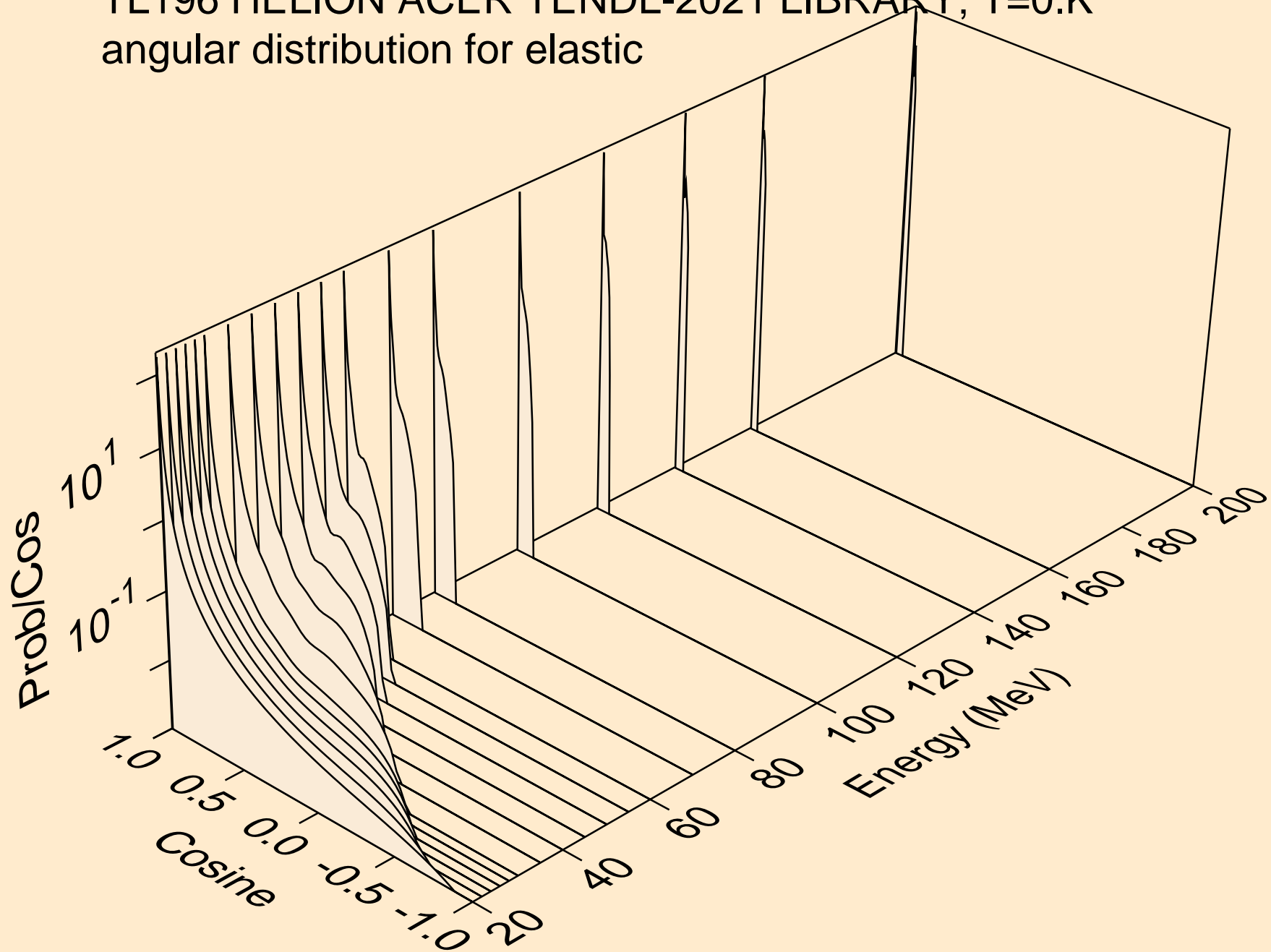
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



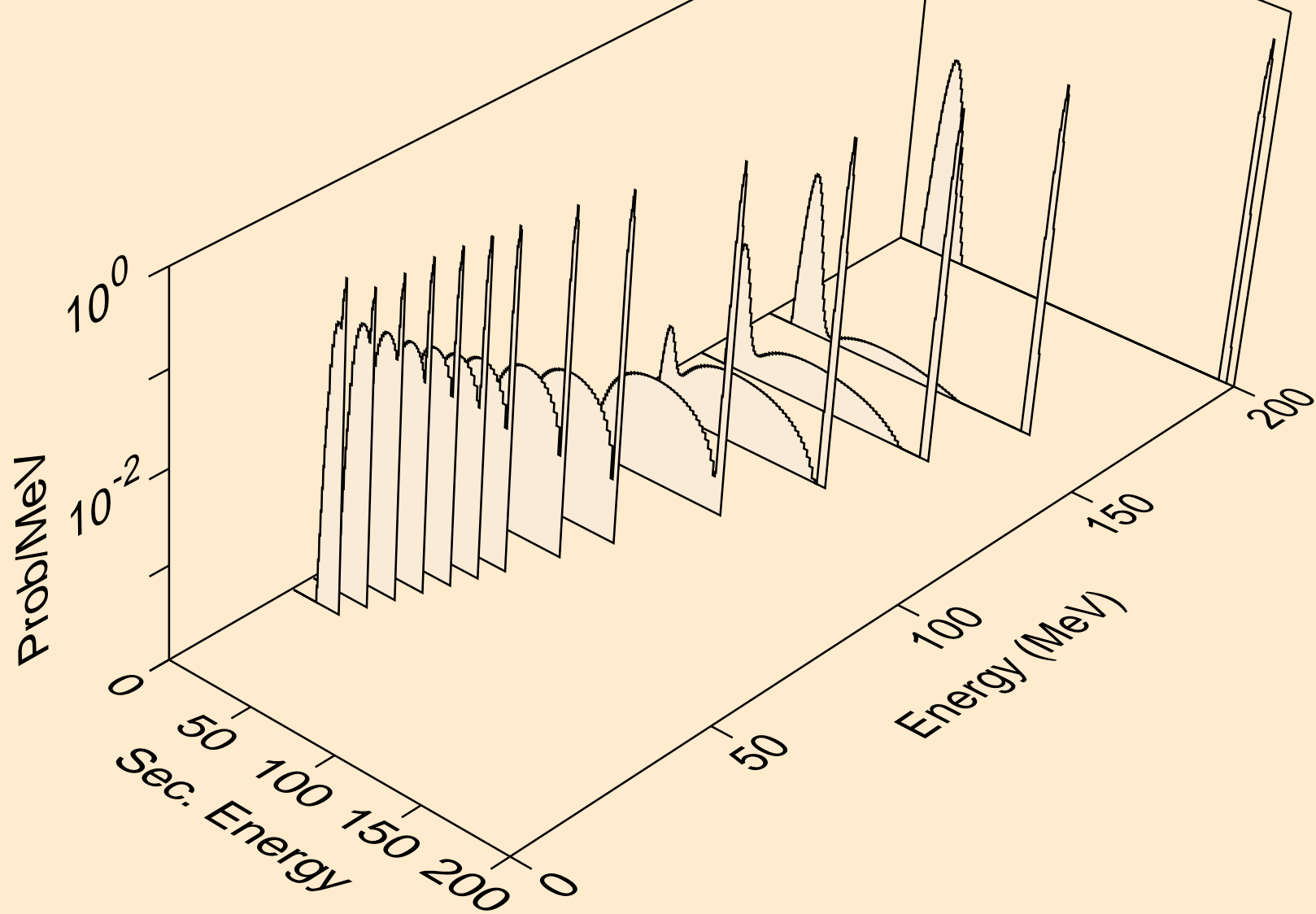
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



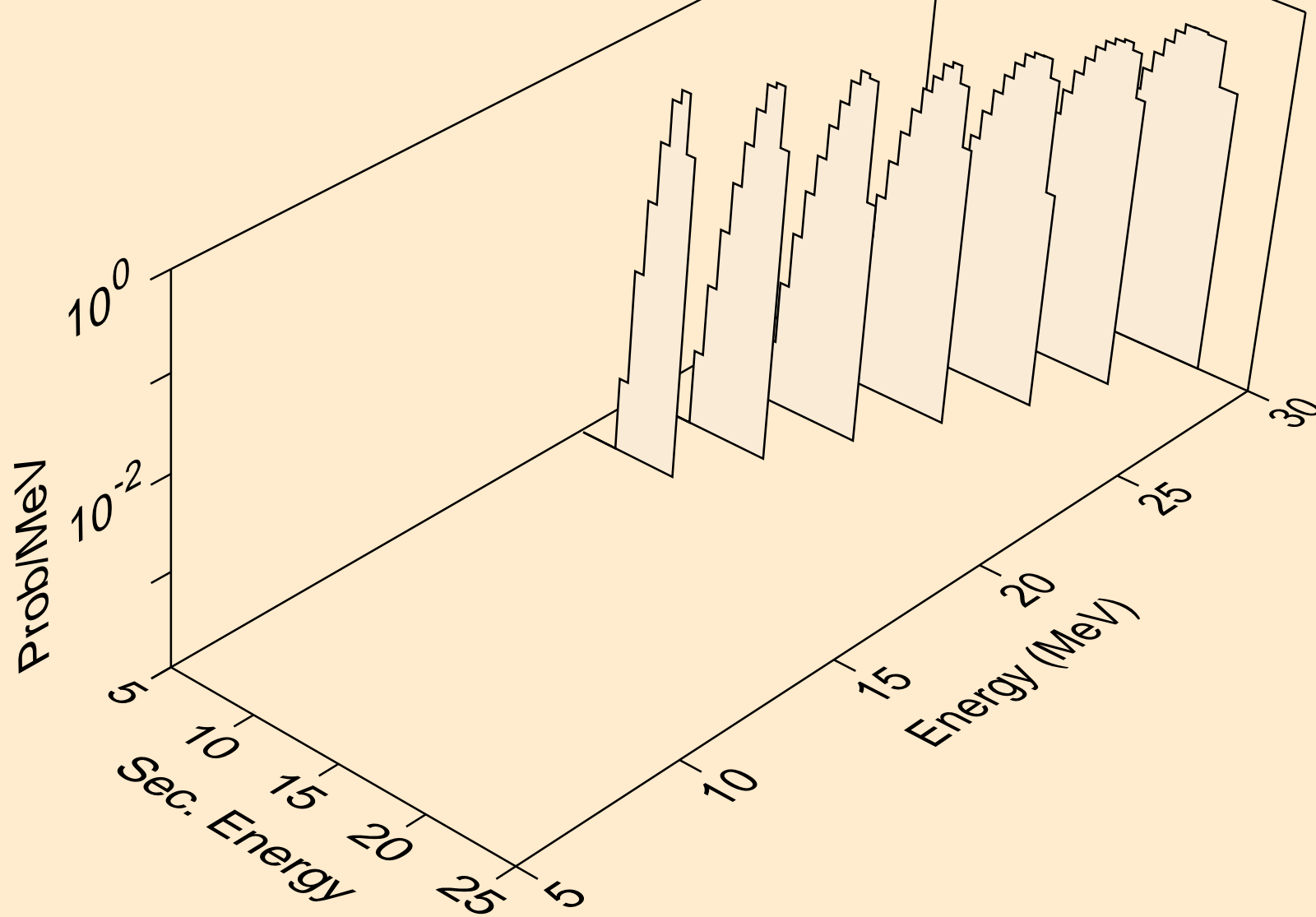
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

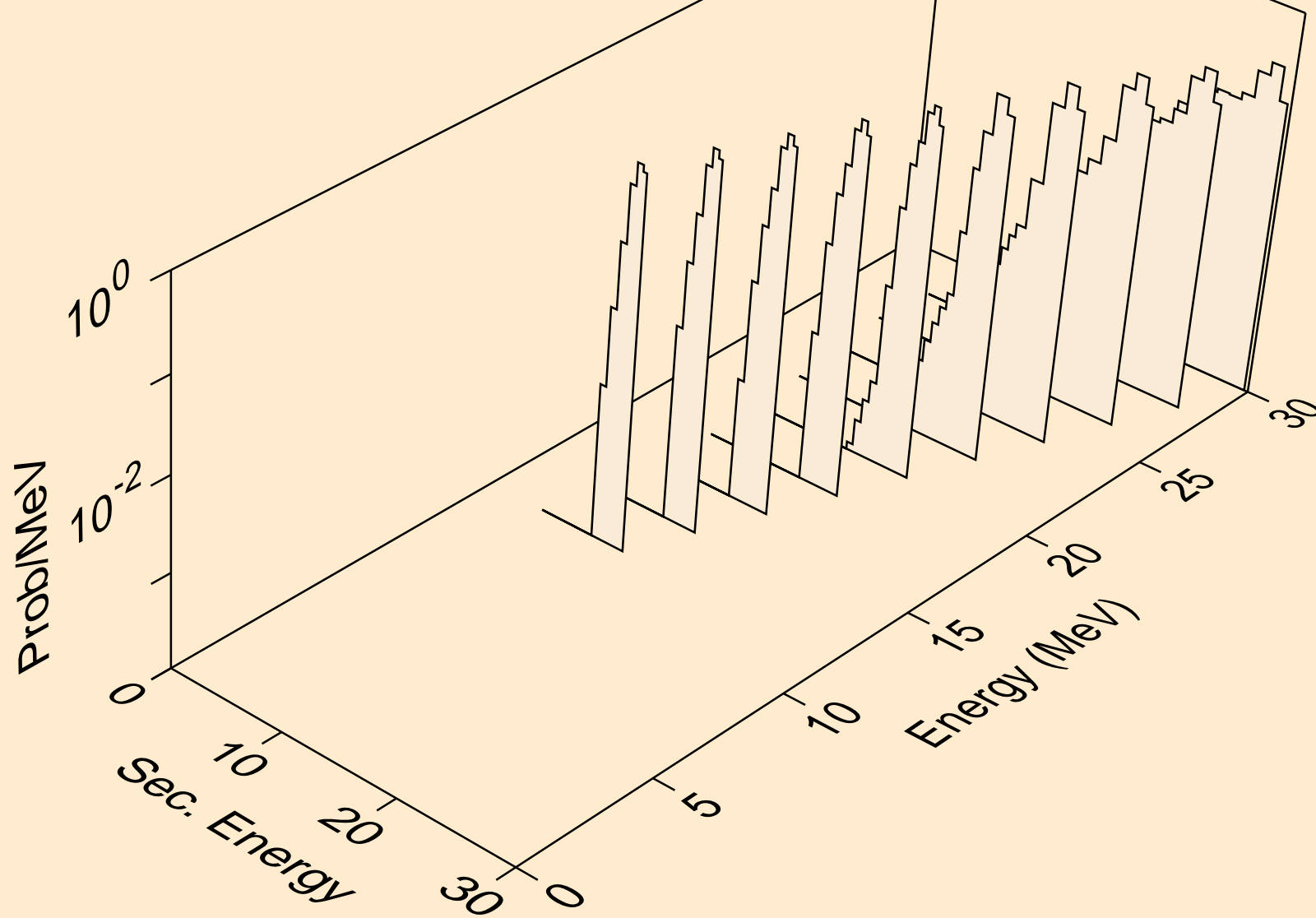


TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

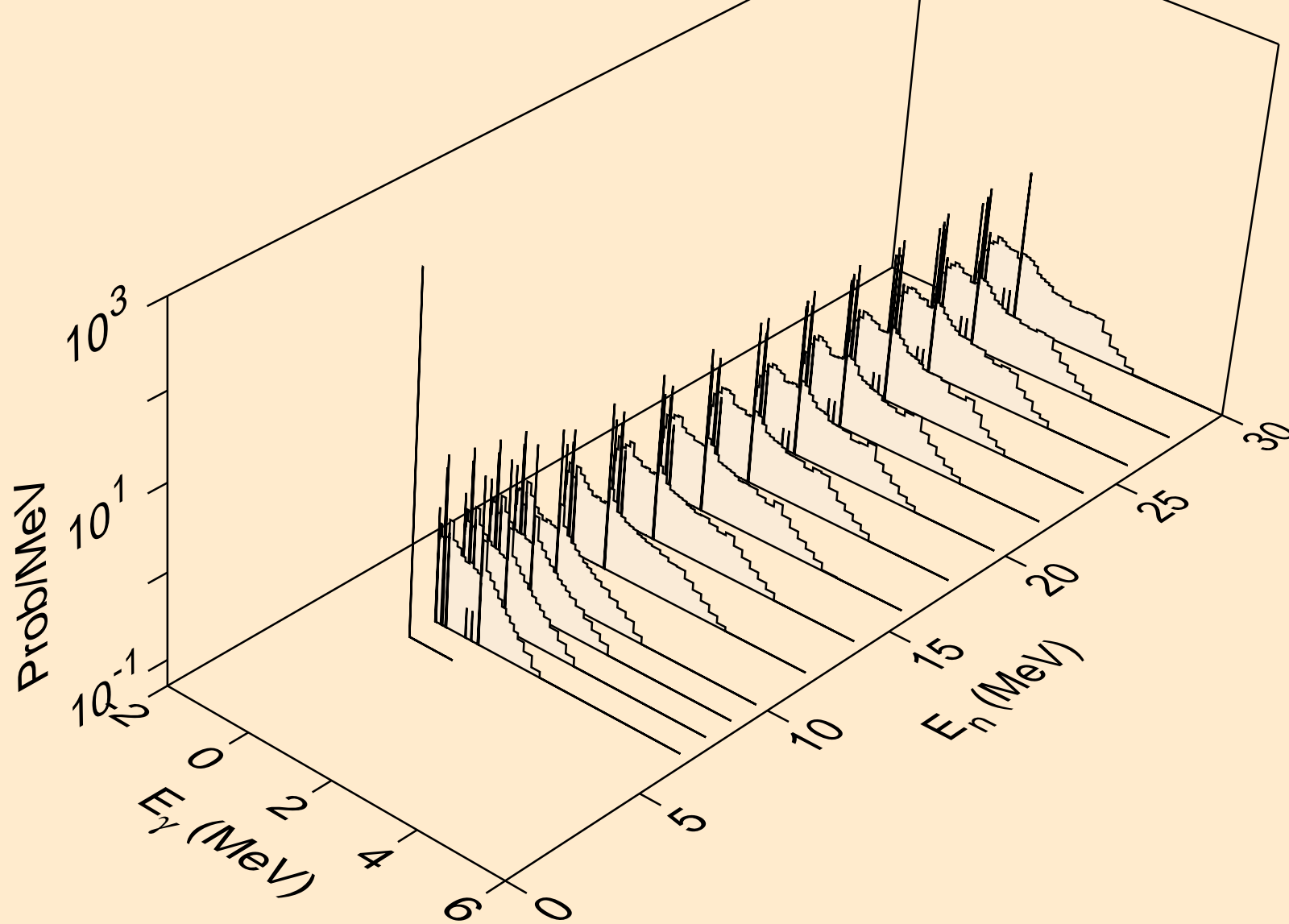




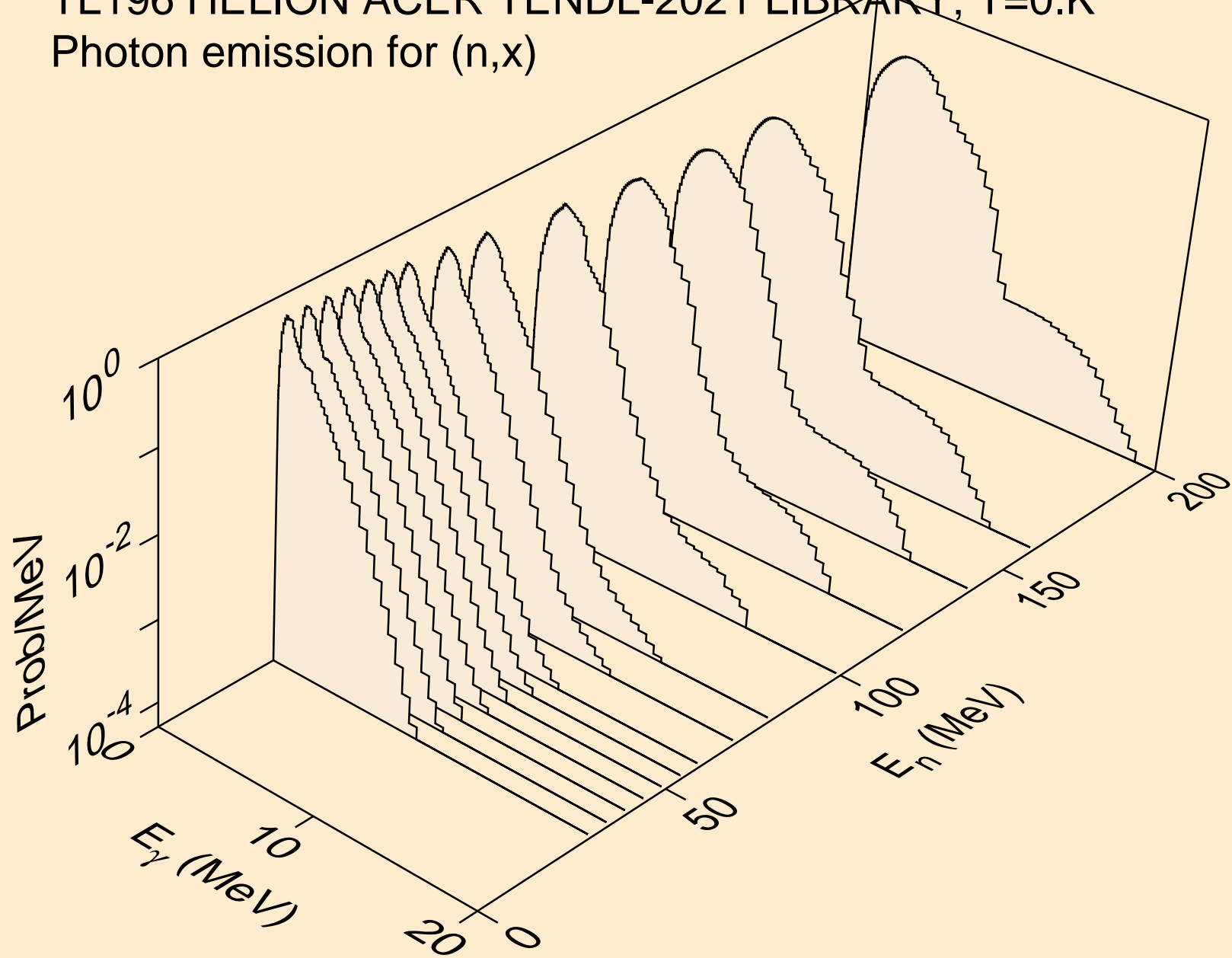
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



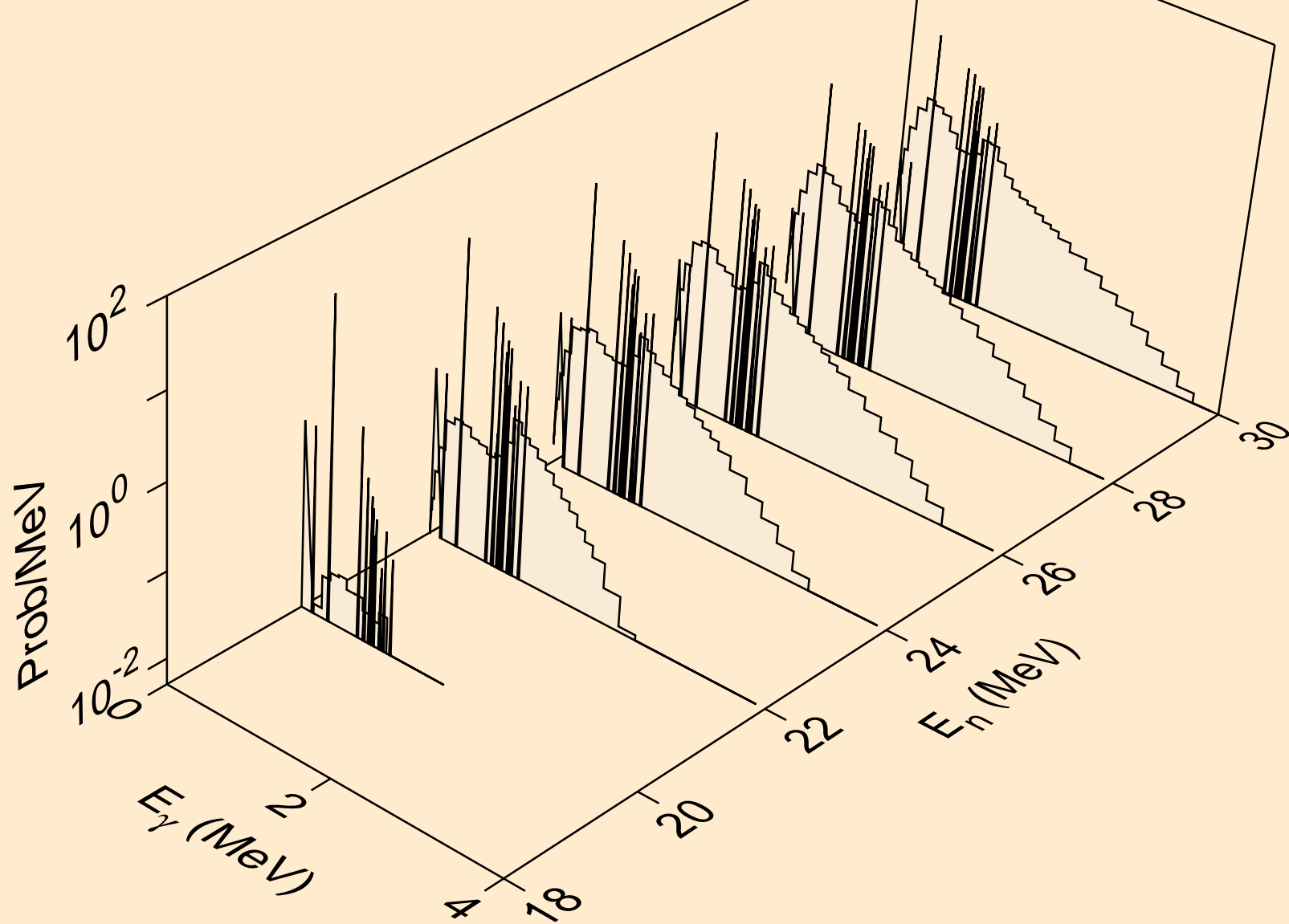
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Photon emission for (z,n)



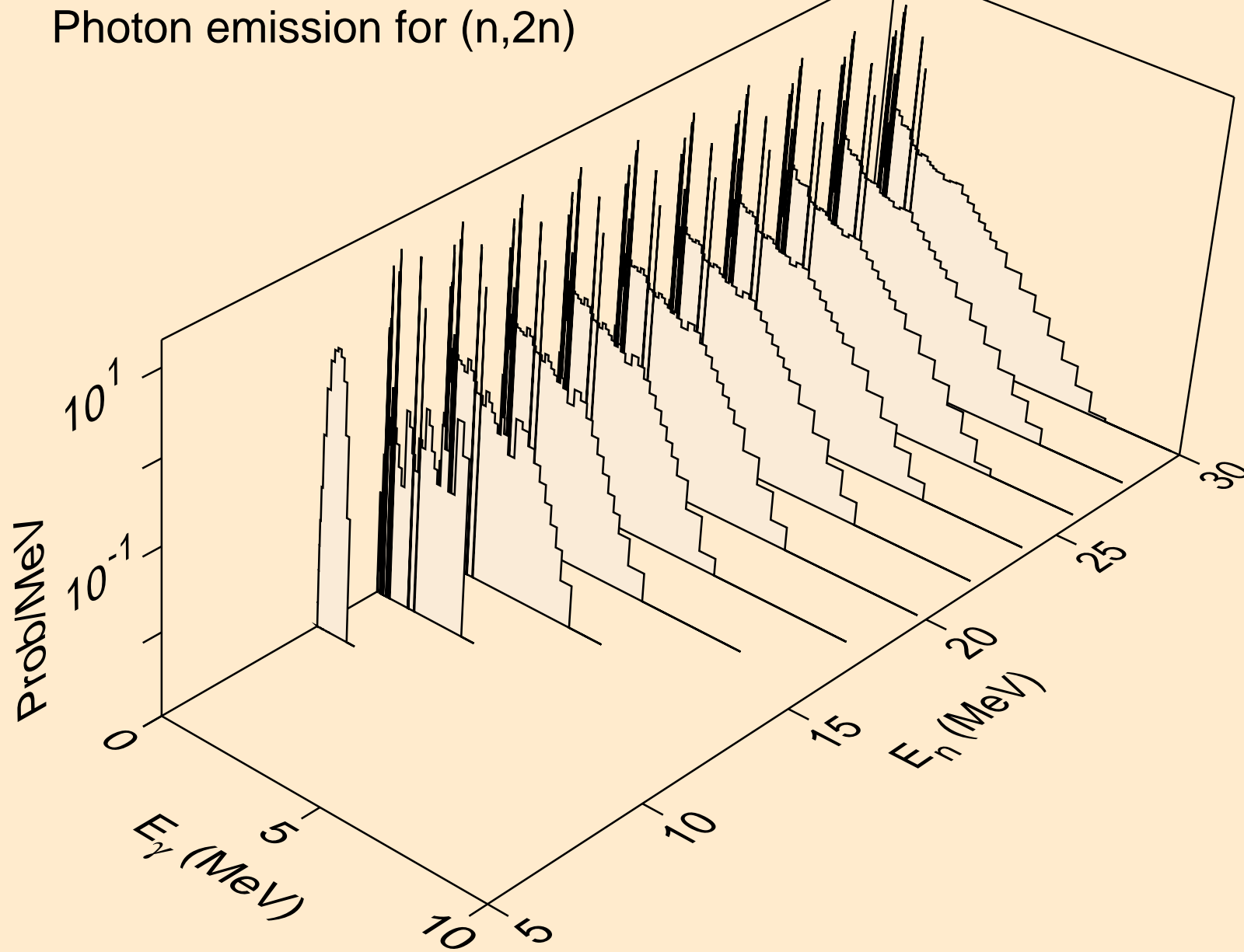
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



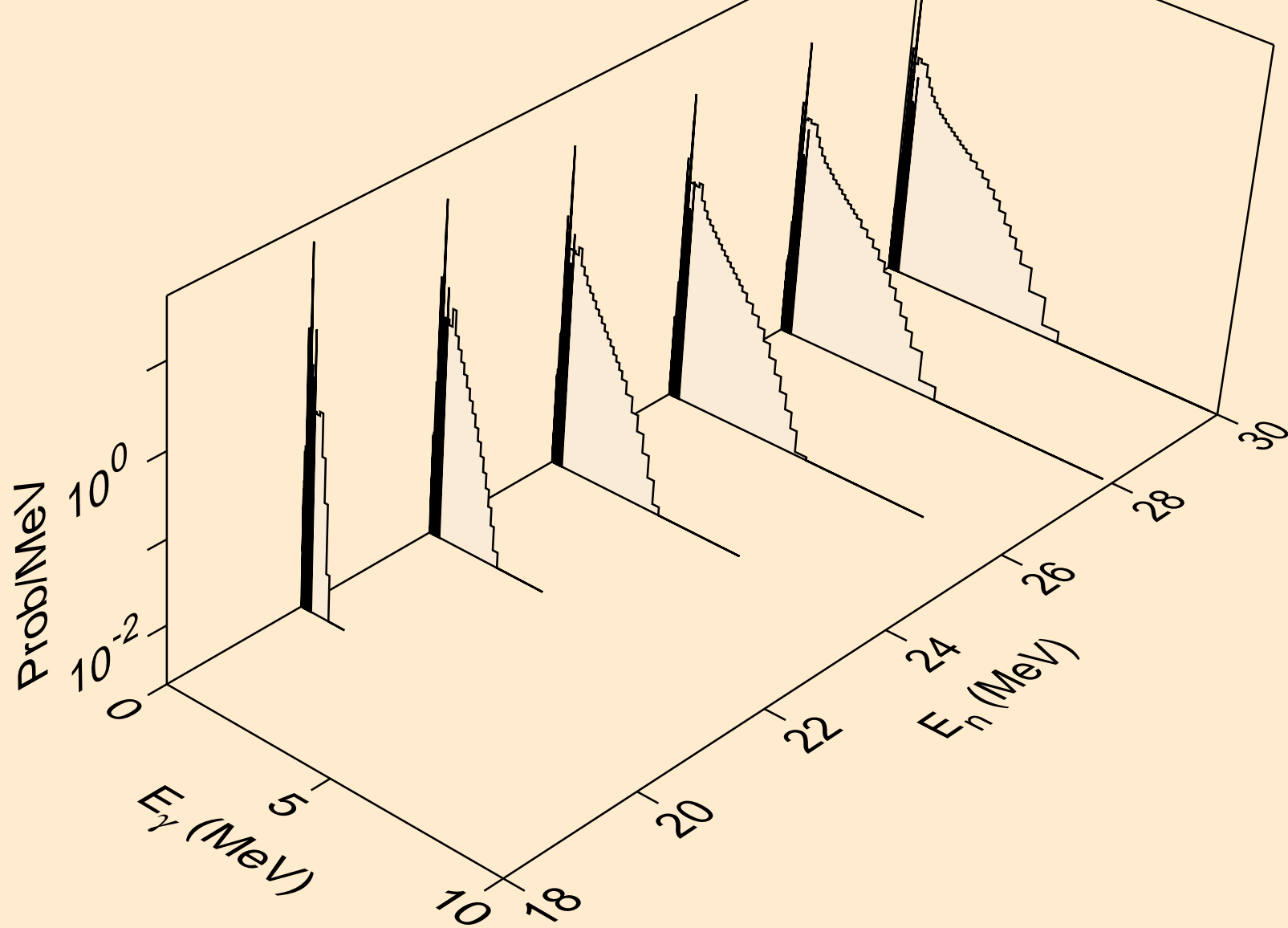
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



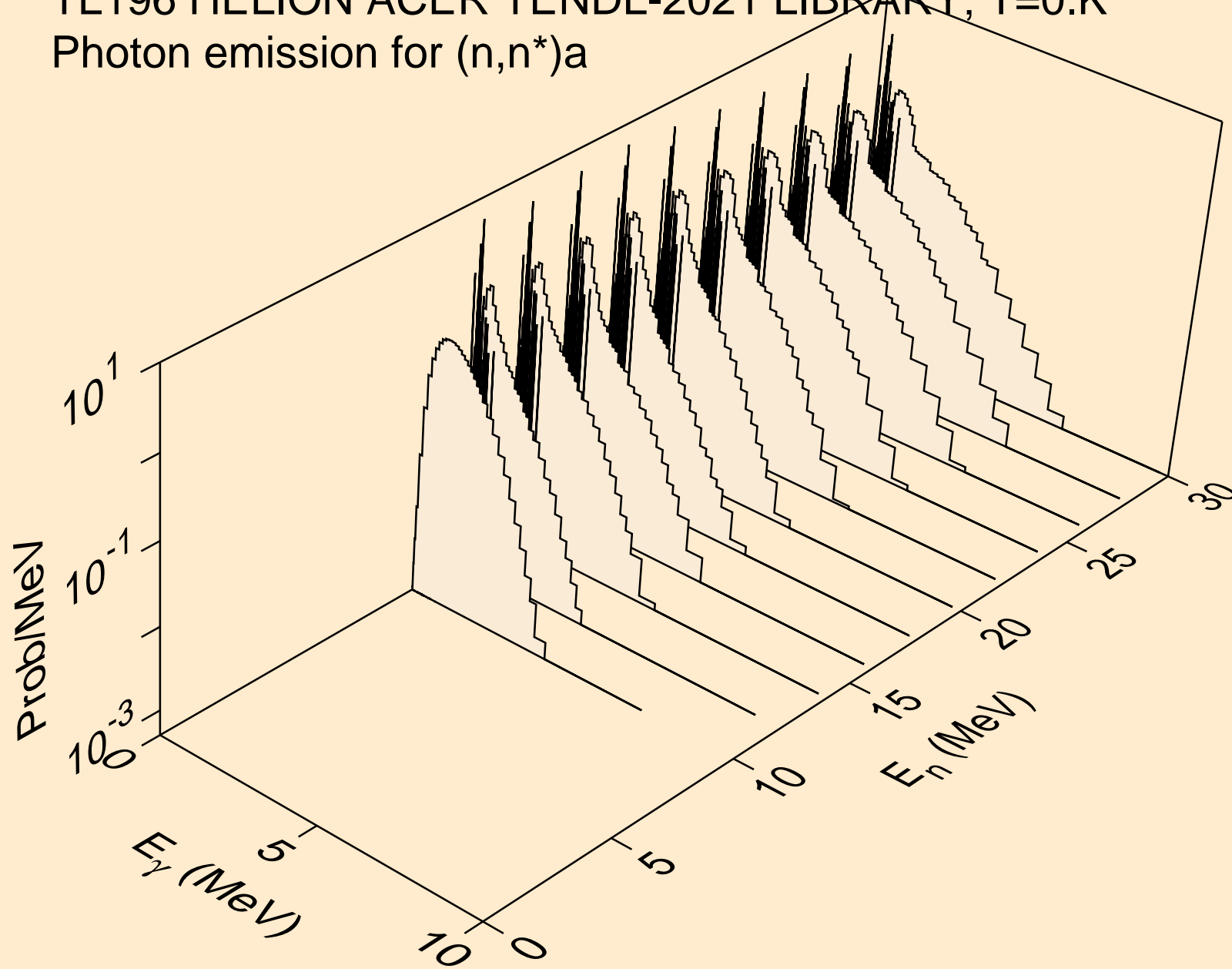
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



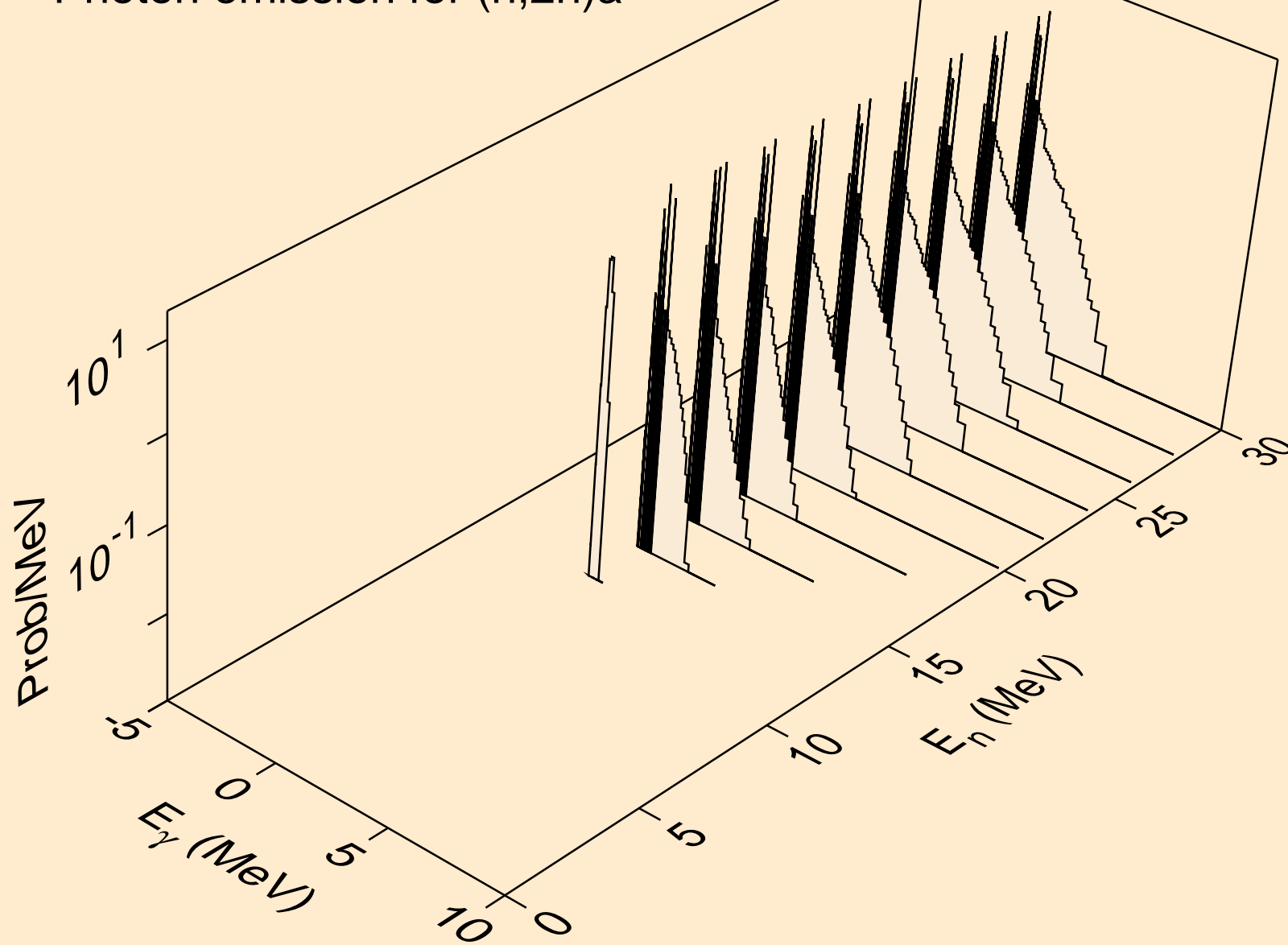
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

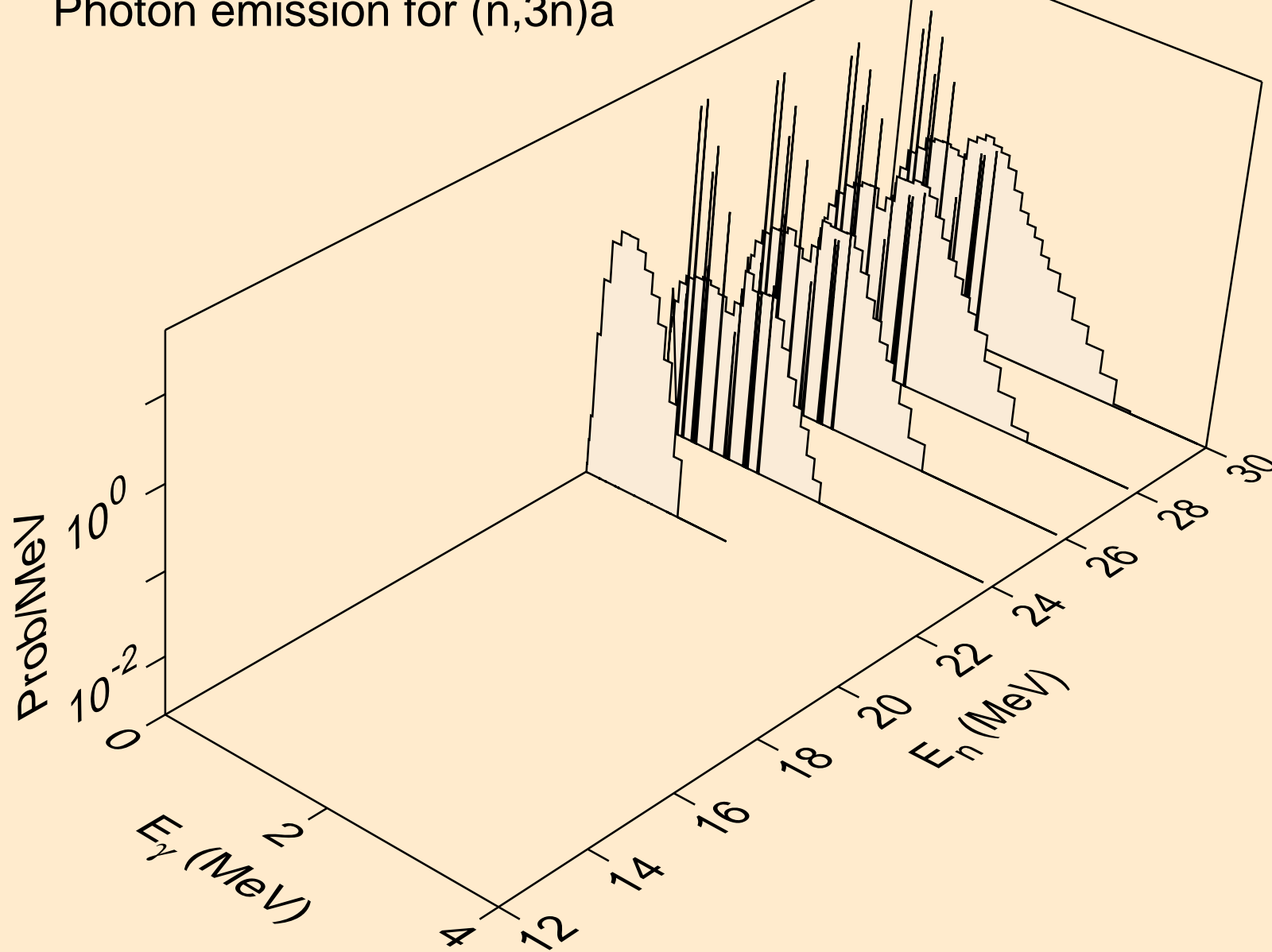


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Photon emission for (n,2n)a

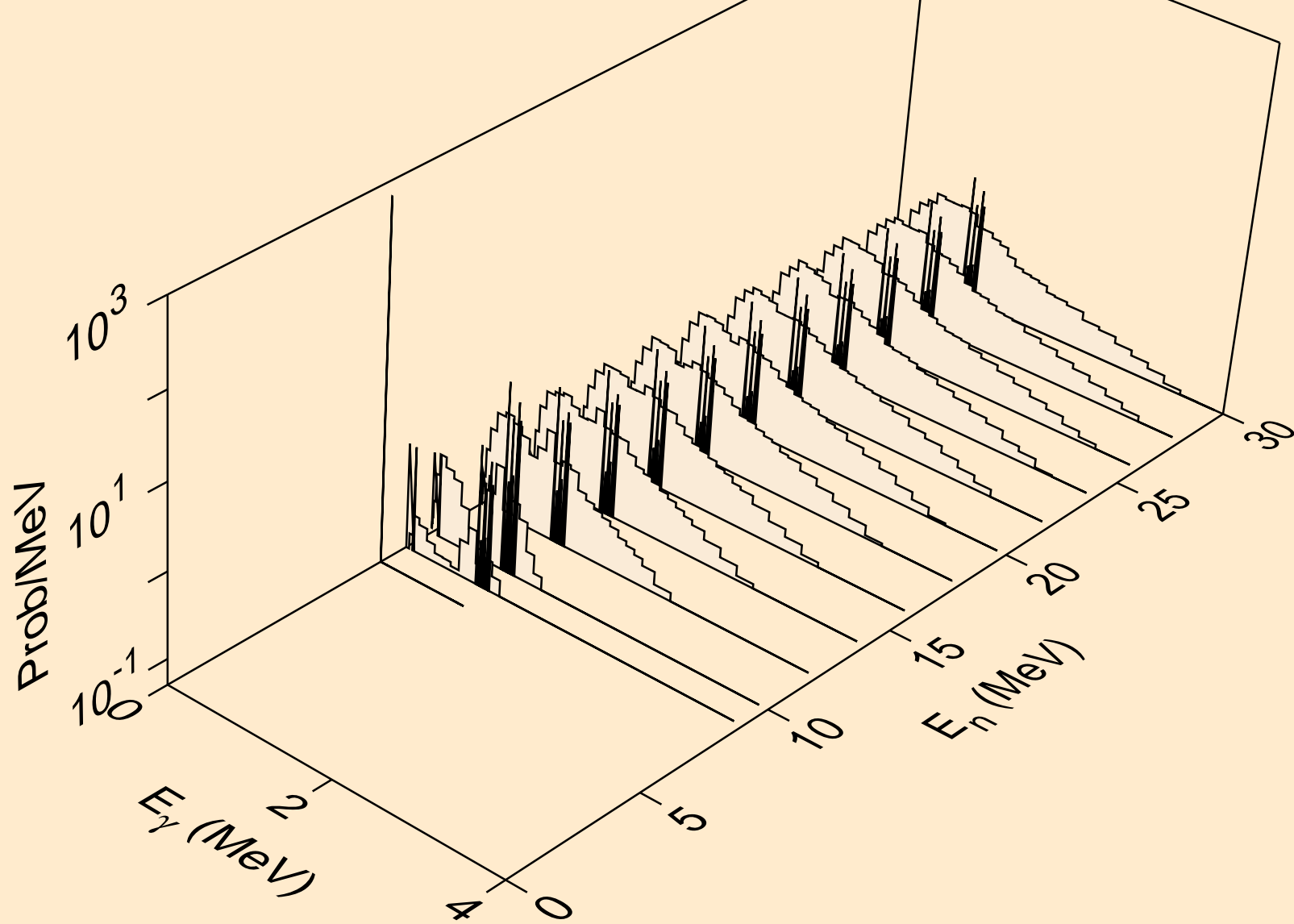




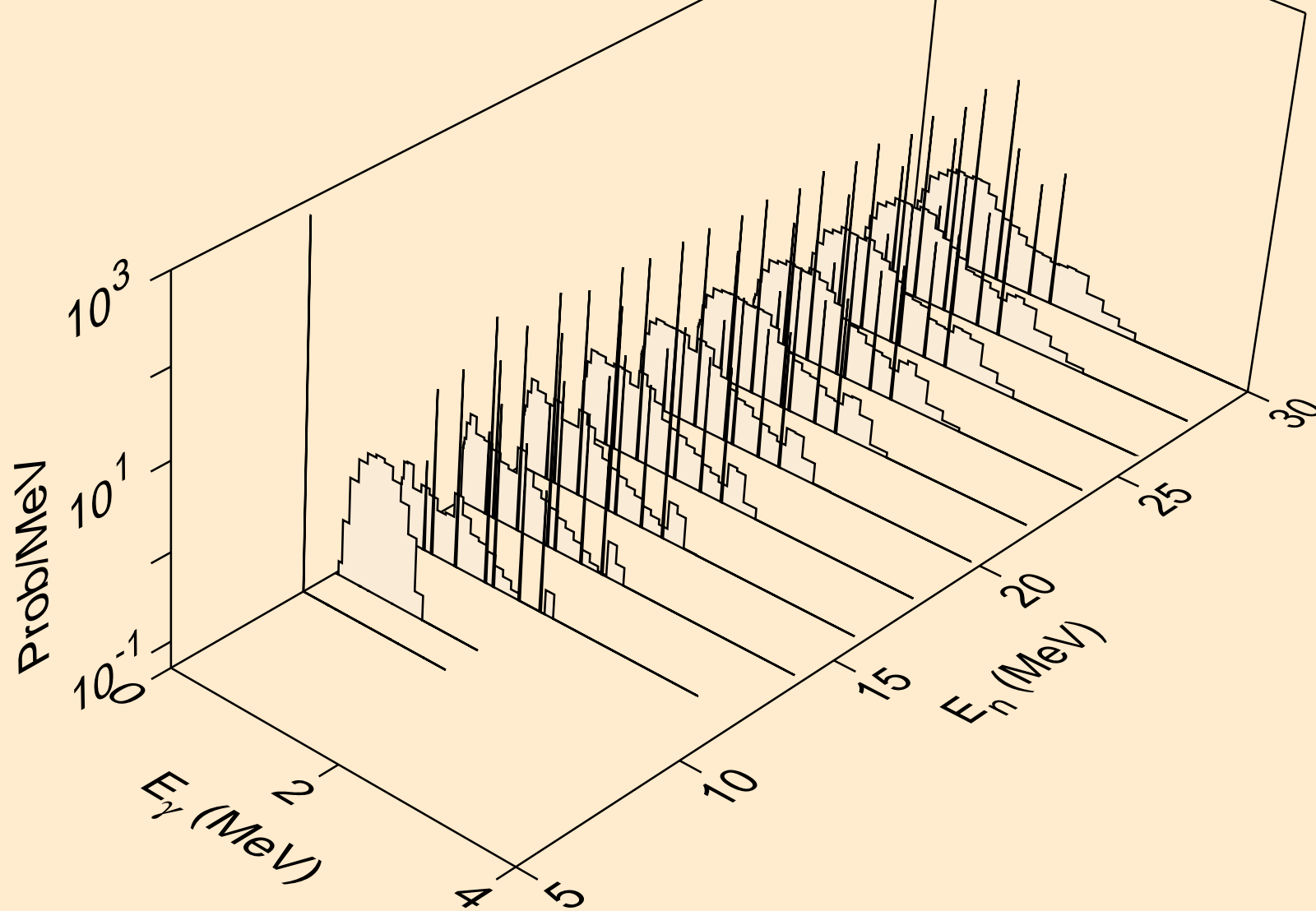
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Photon emission for (n,3n)a



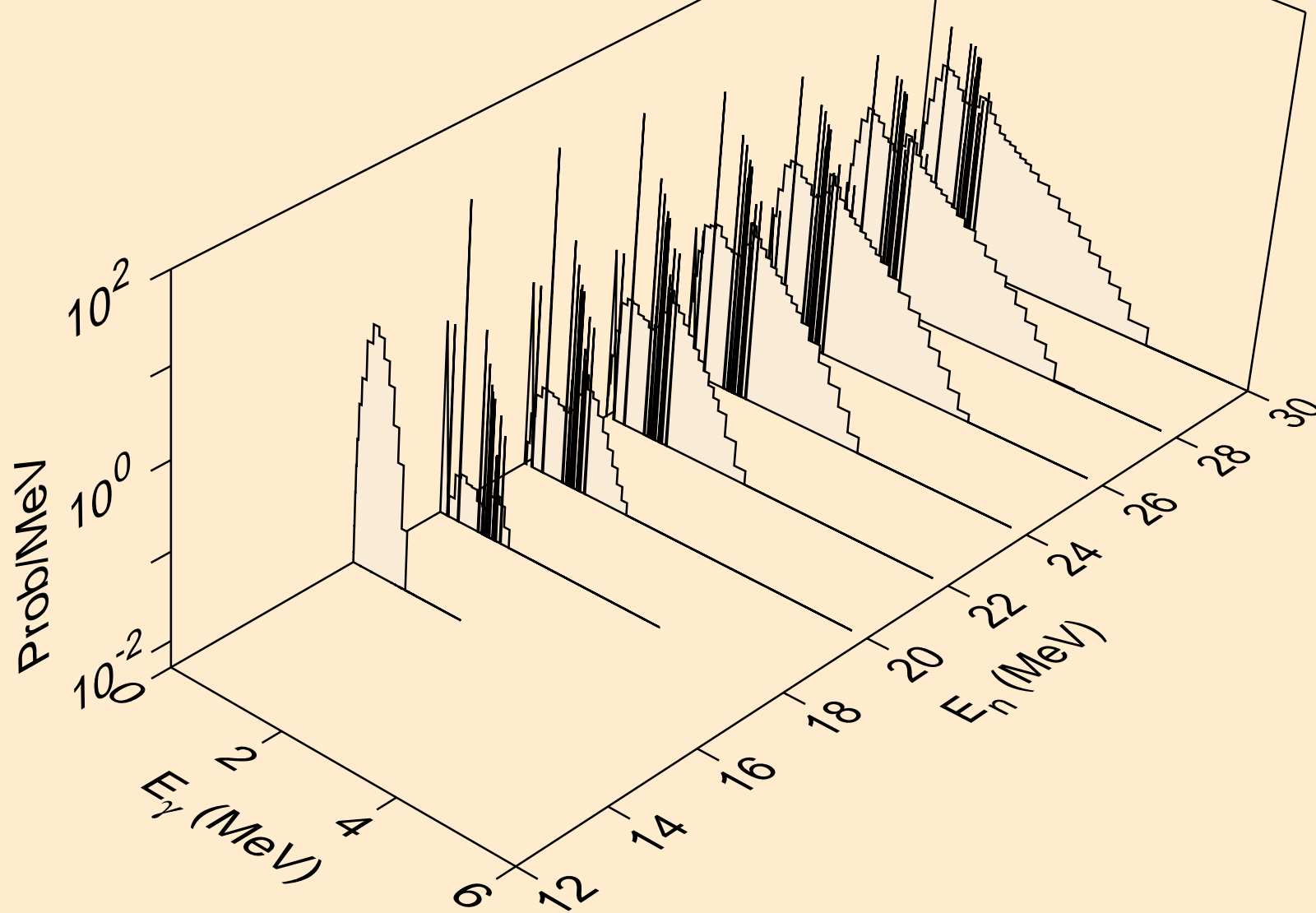
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



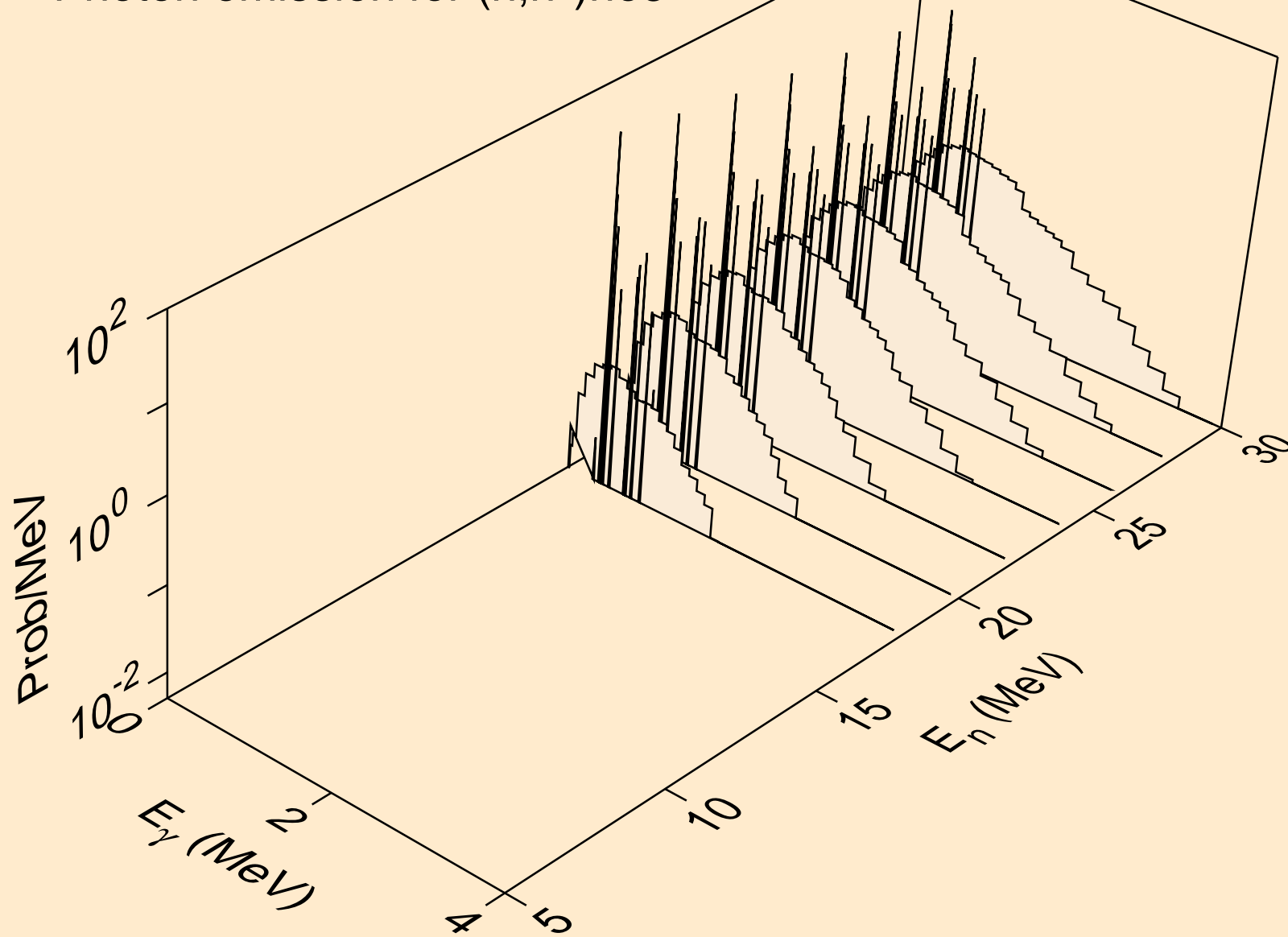
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



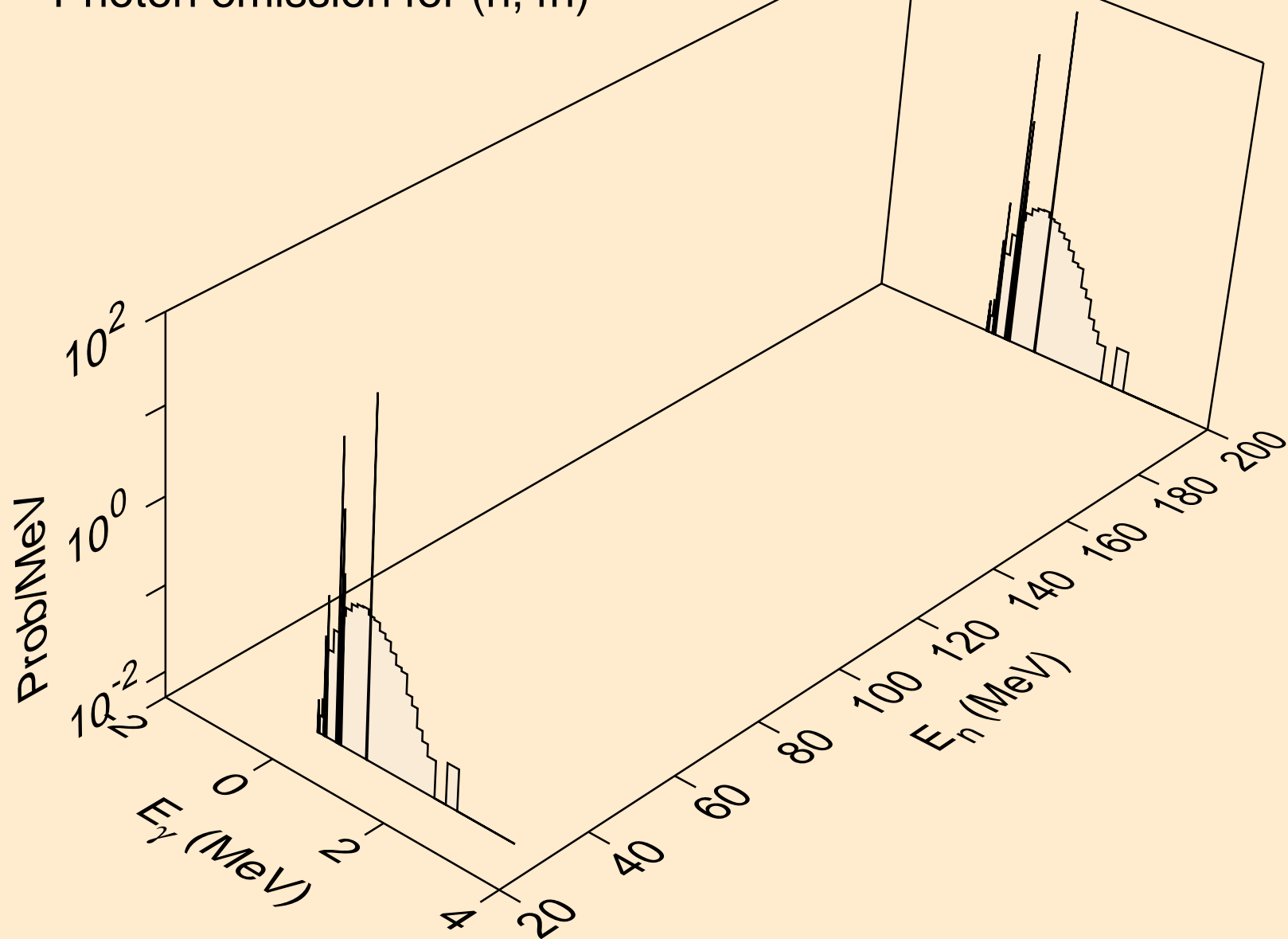
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



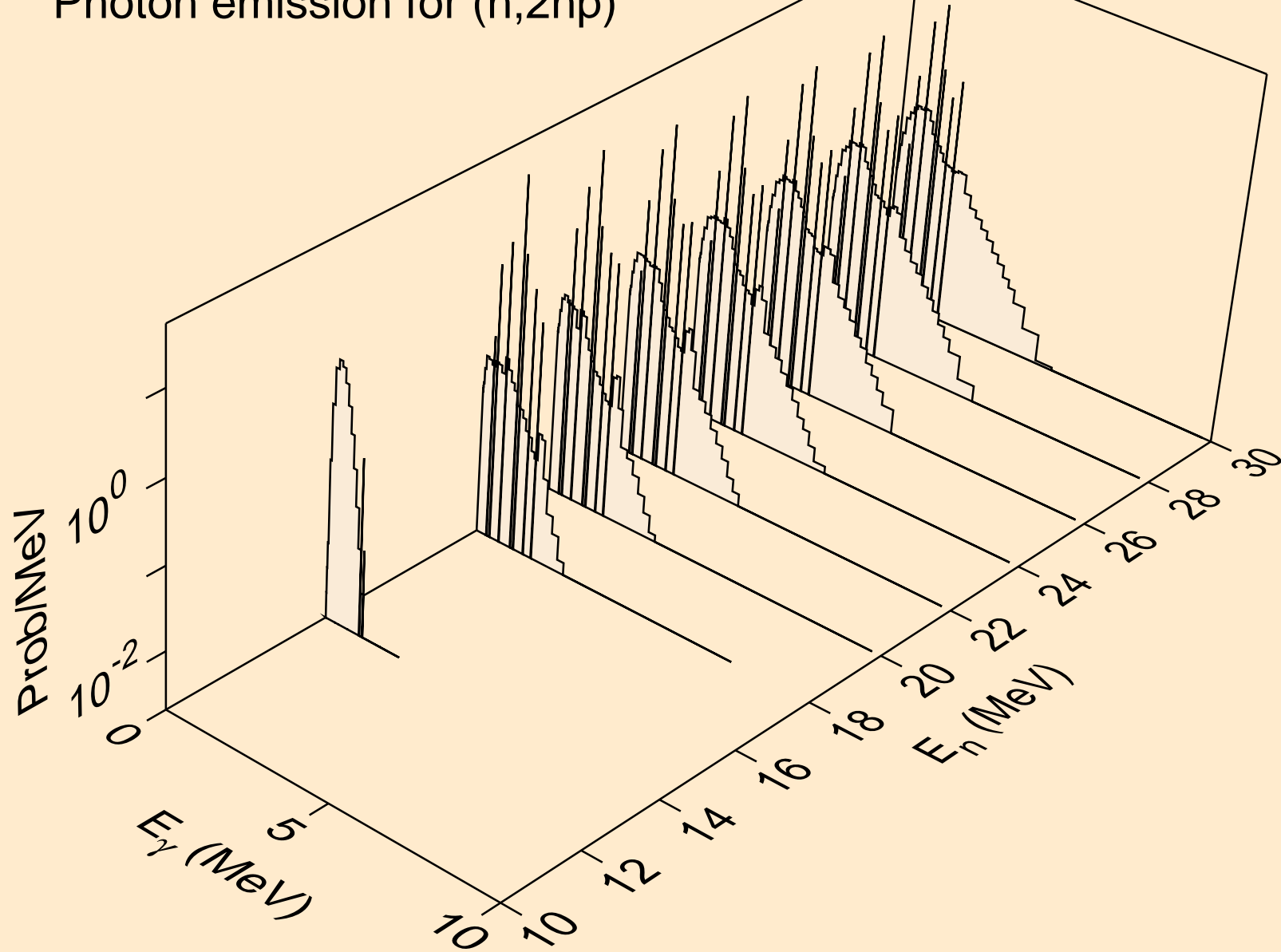
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



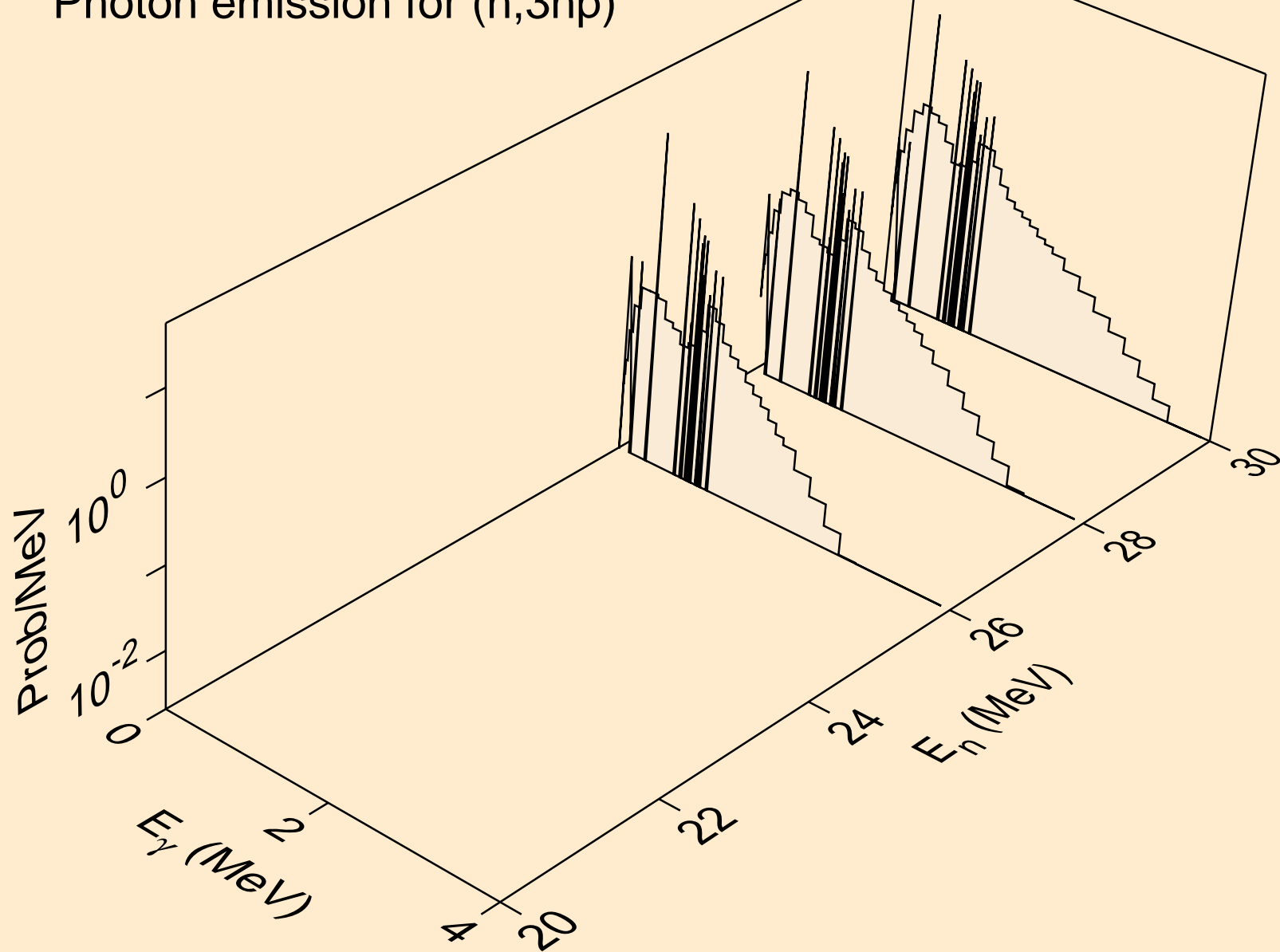
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

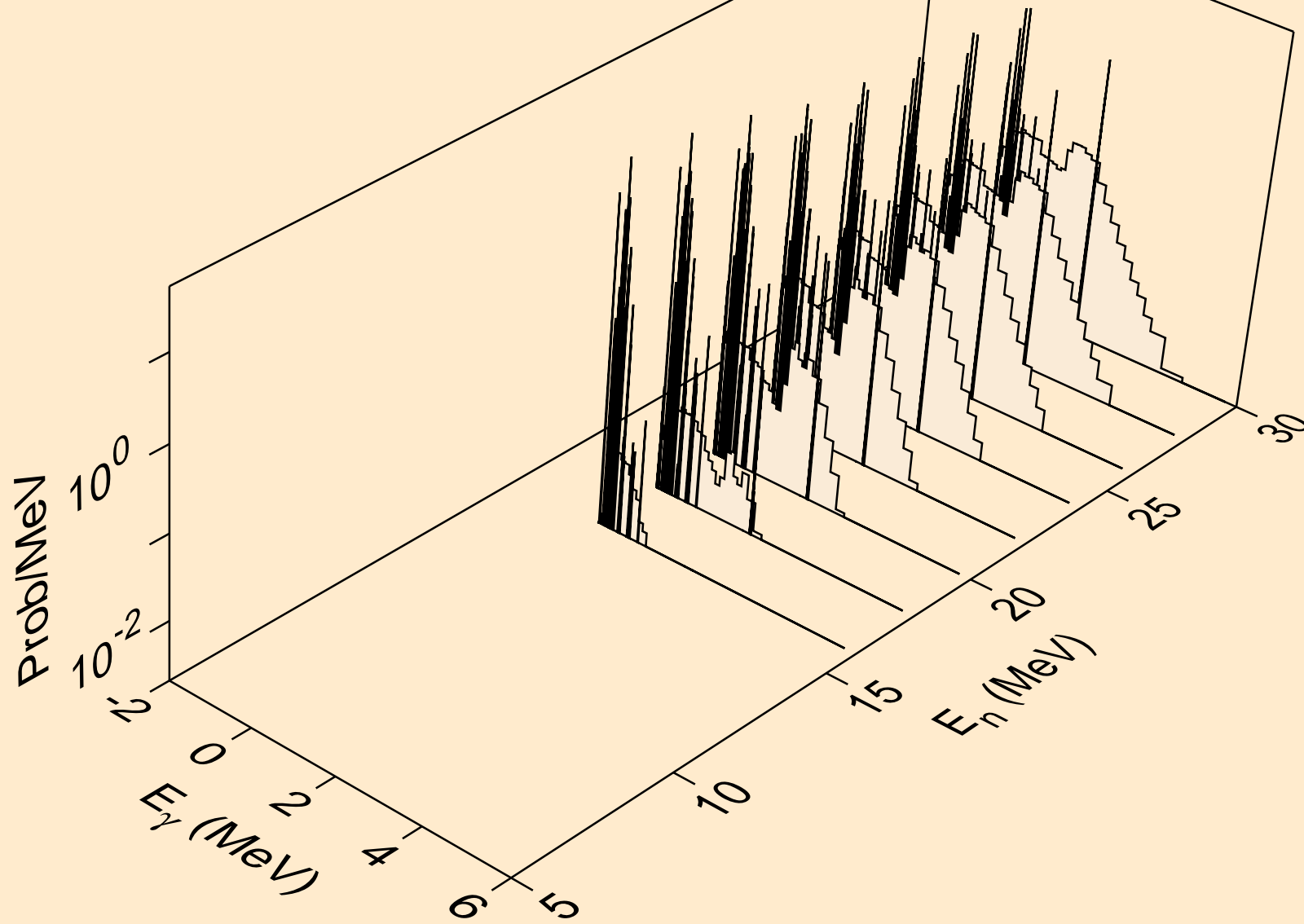


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Photon emission for (n,3np)

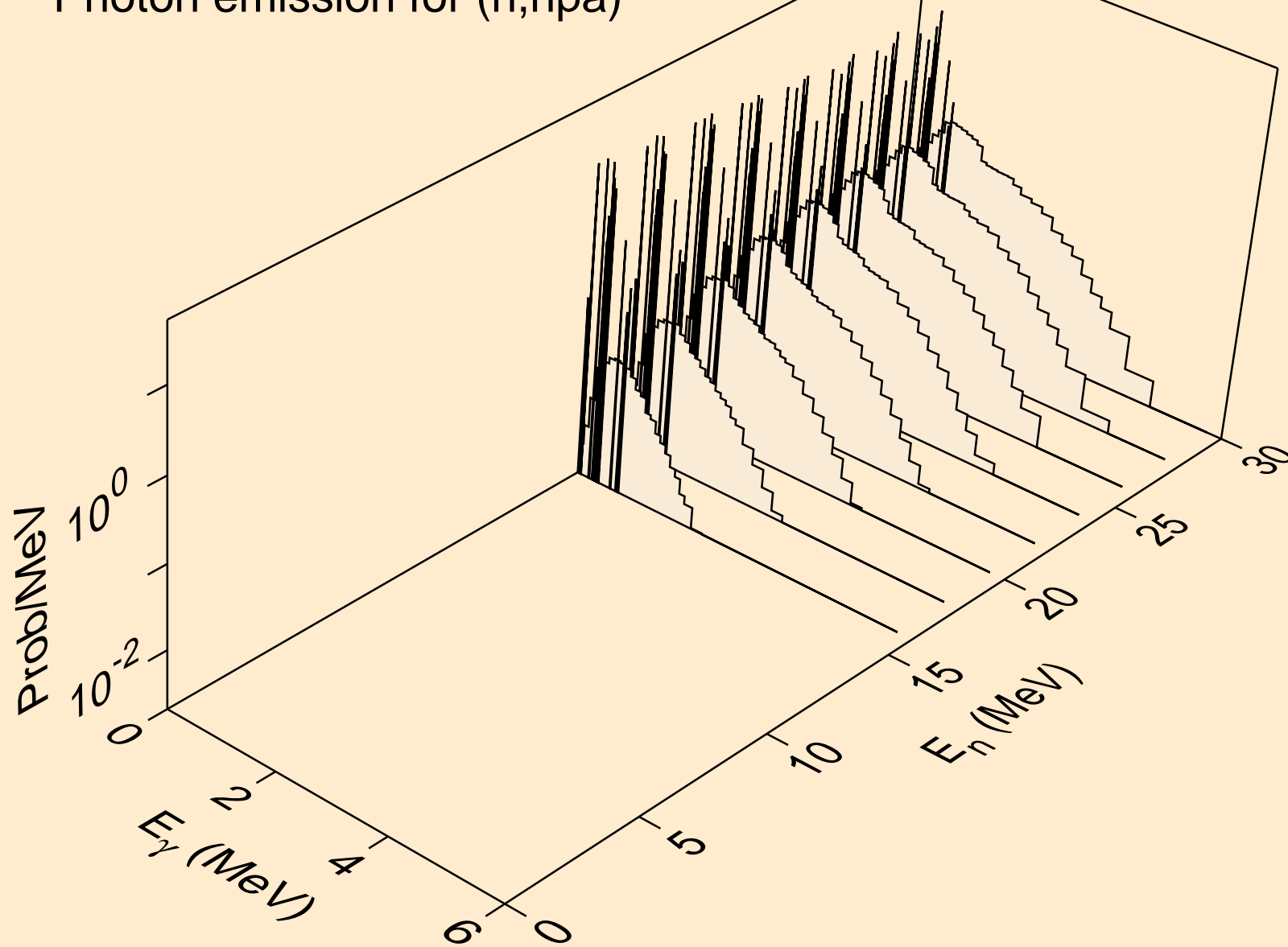




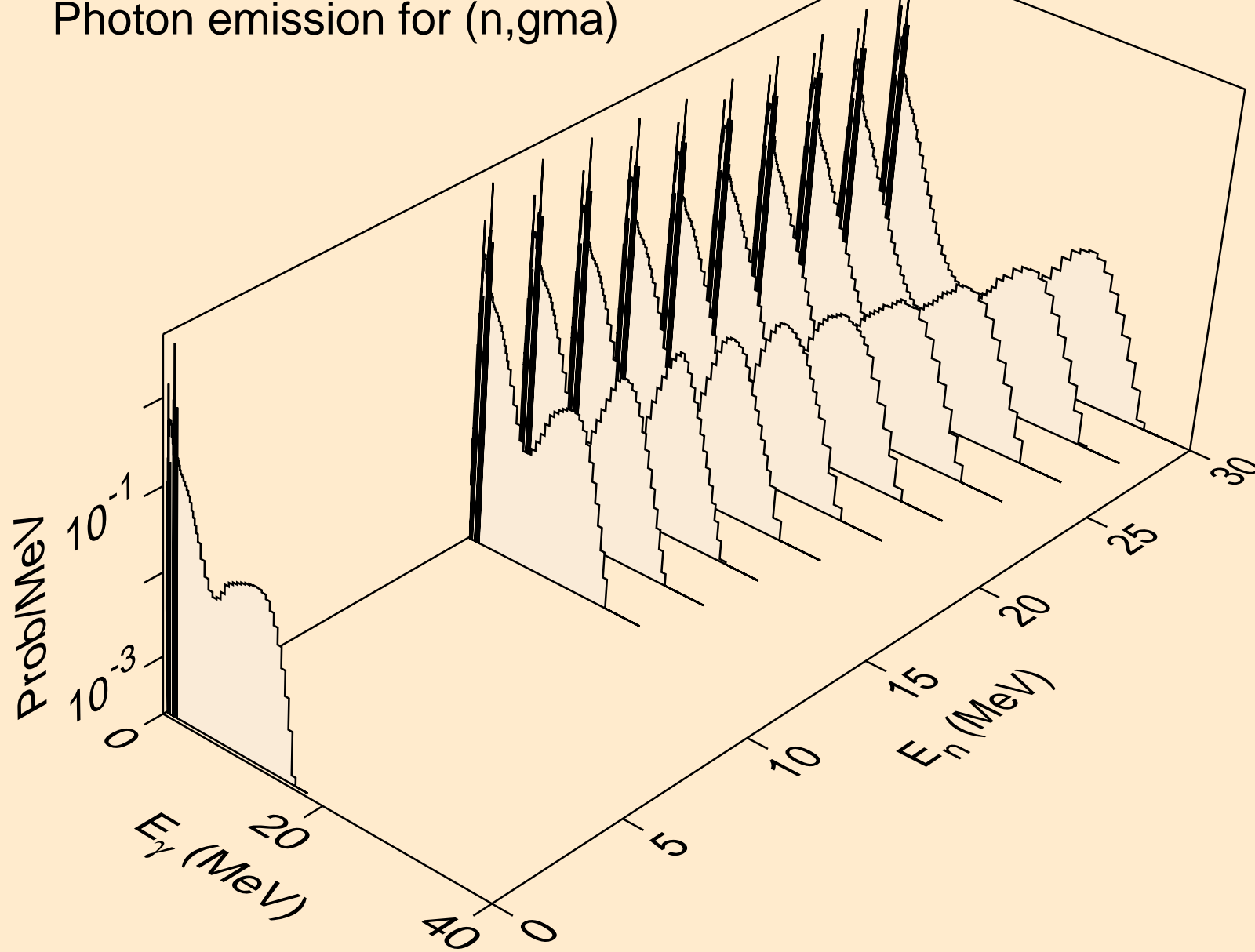
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Photon emission for (n,2np)



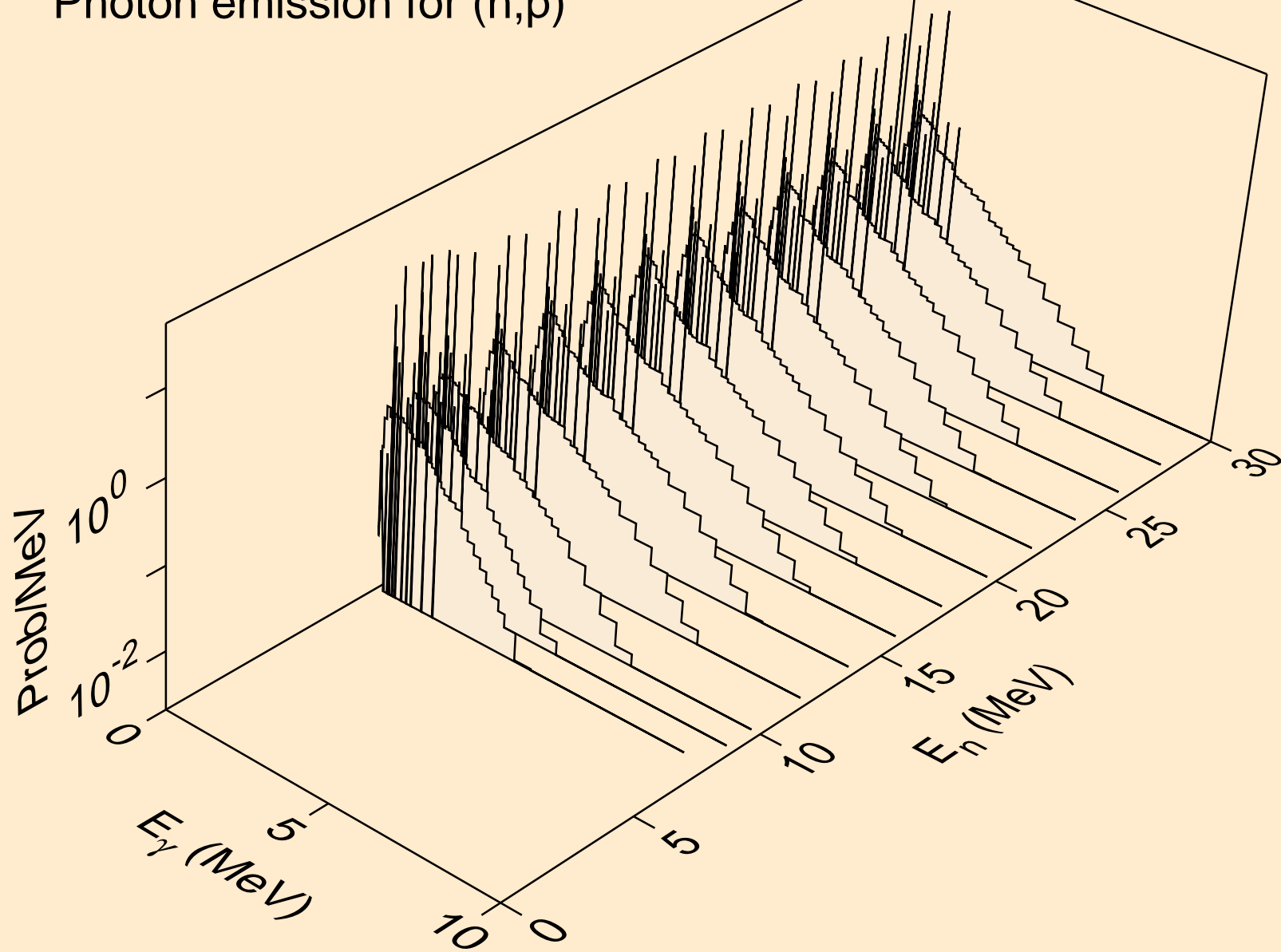
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Photon emission for (n,npa)



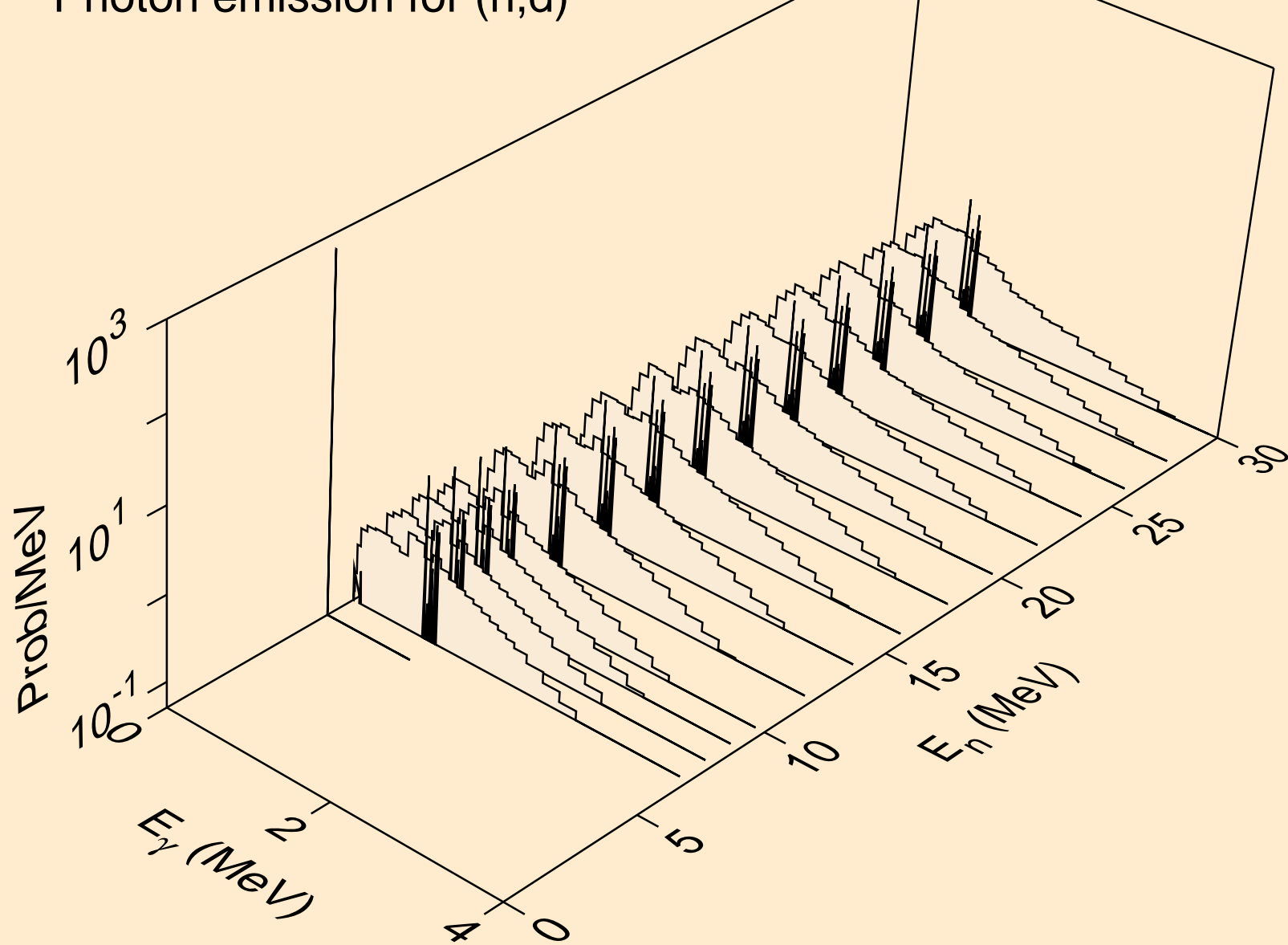
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Photon emission for (n,gma)



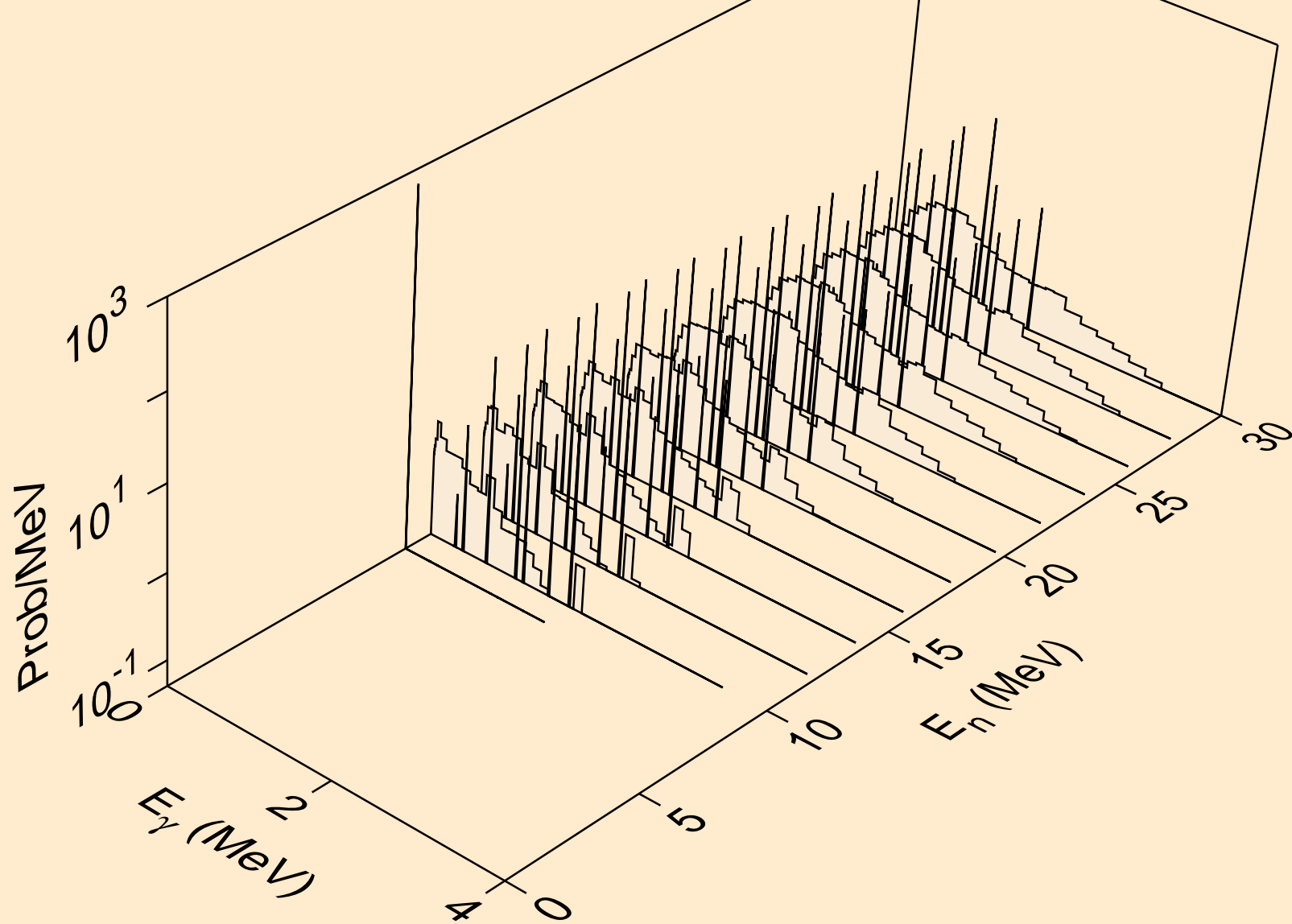
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Photon emission for (n,p)



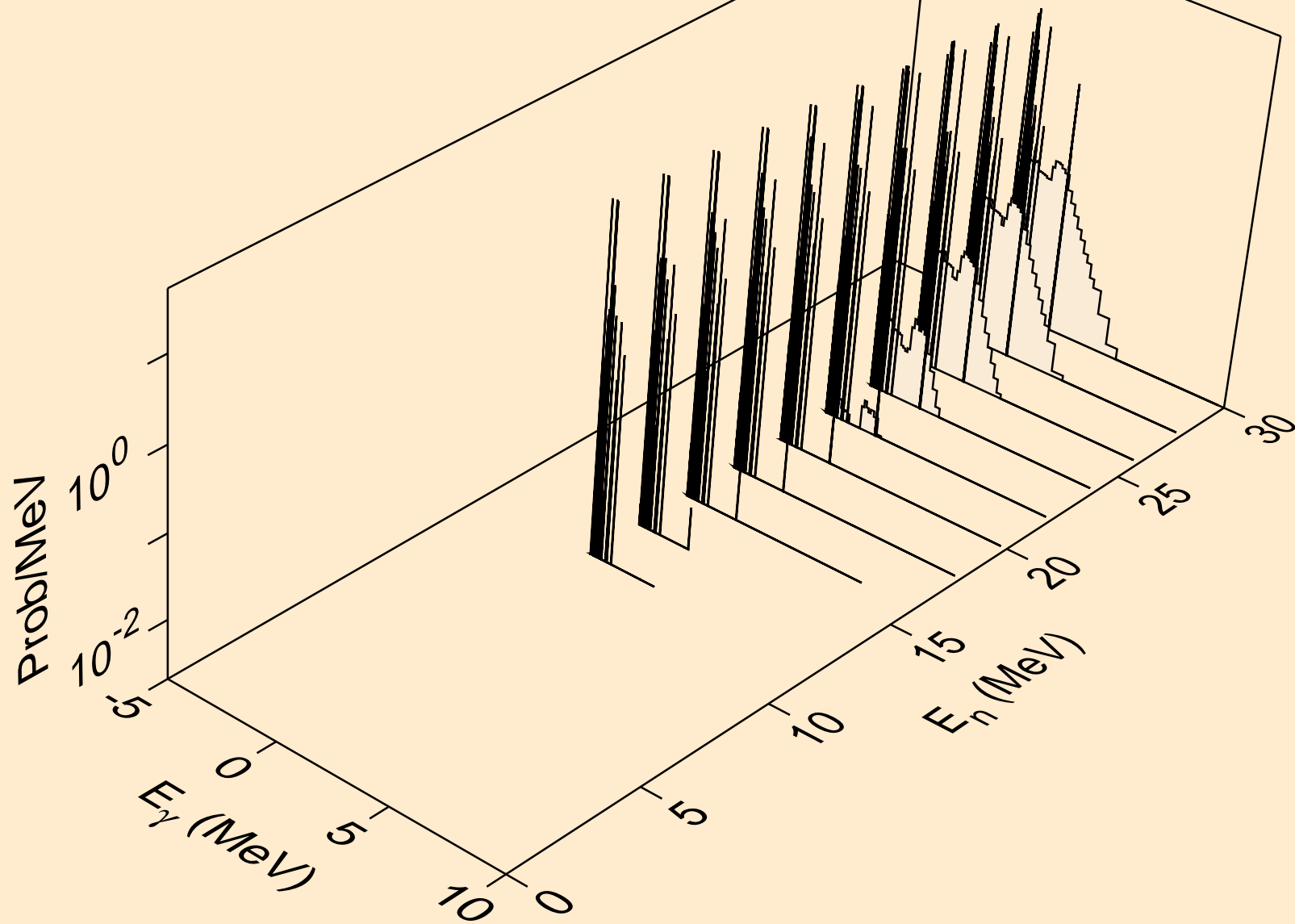
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Photon emission for (n,d)



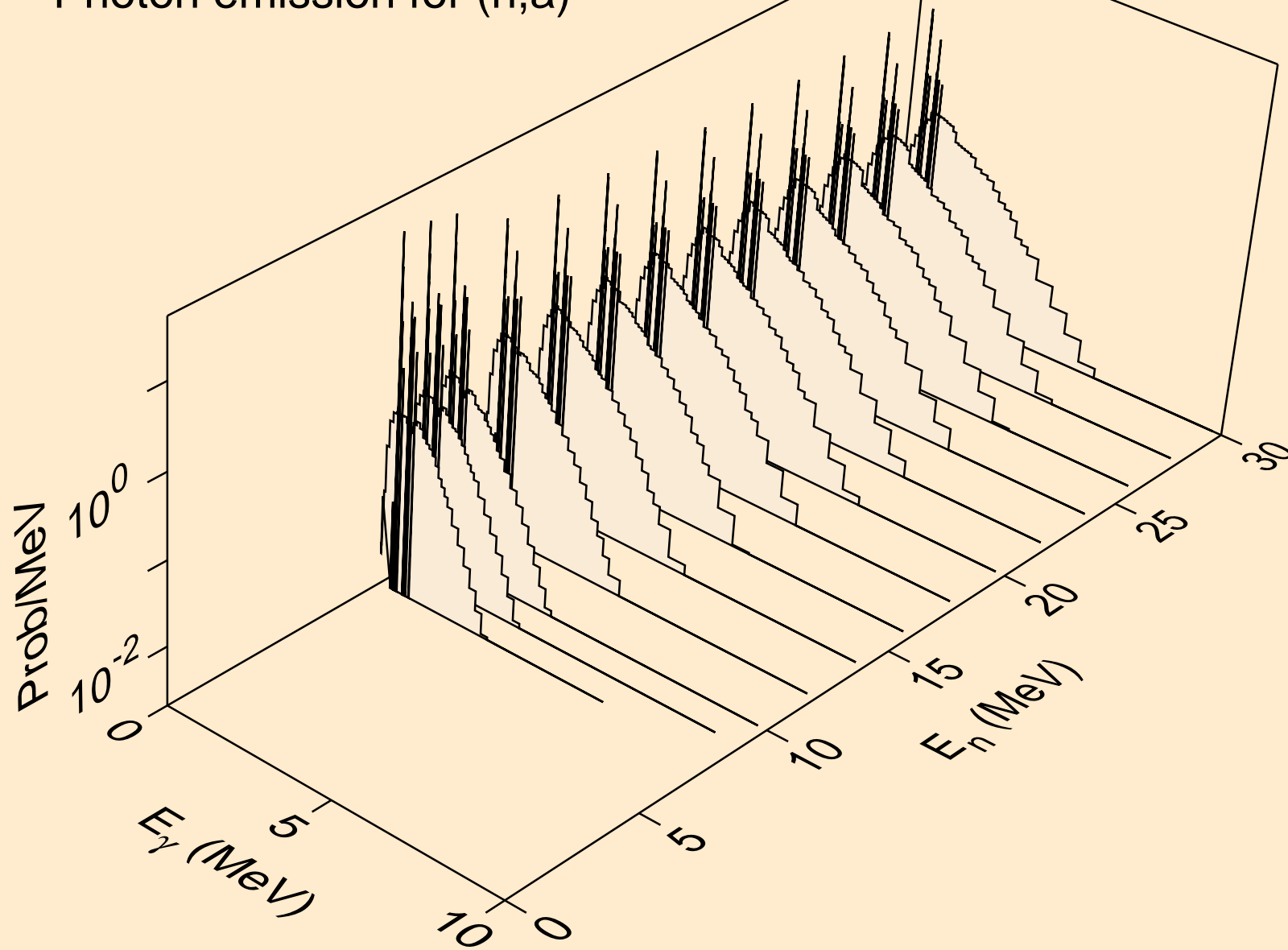
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

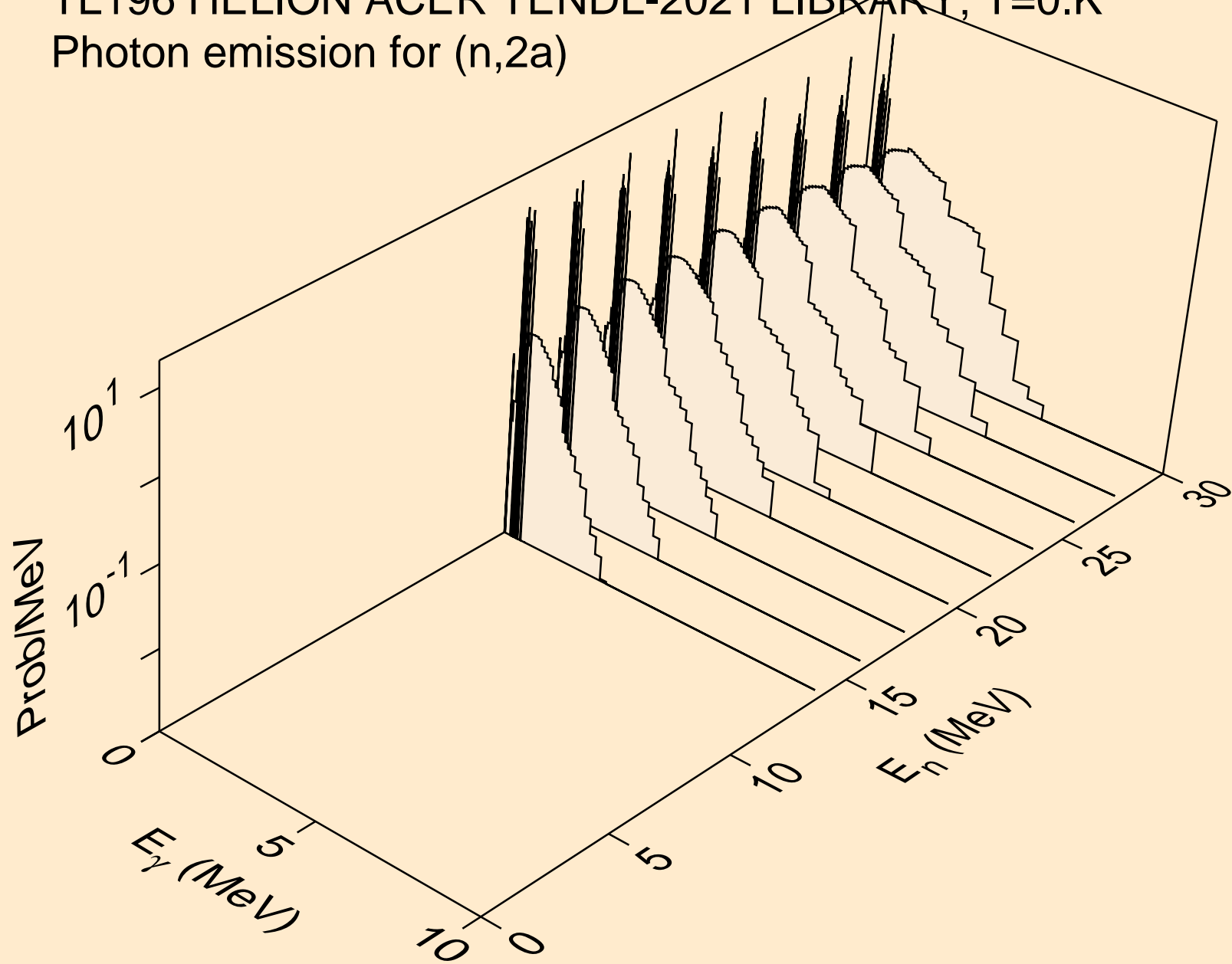


TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

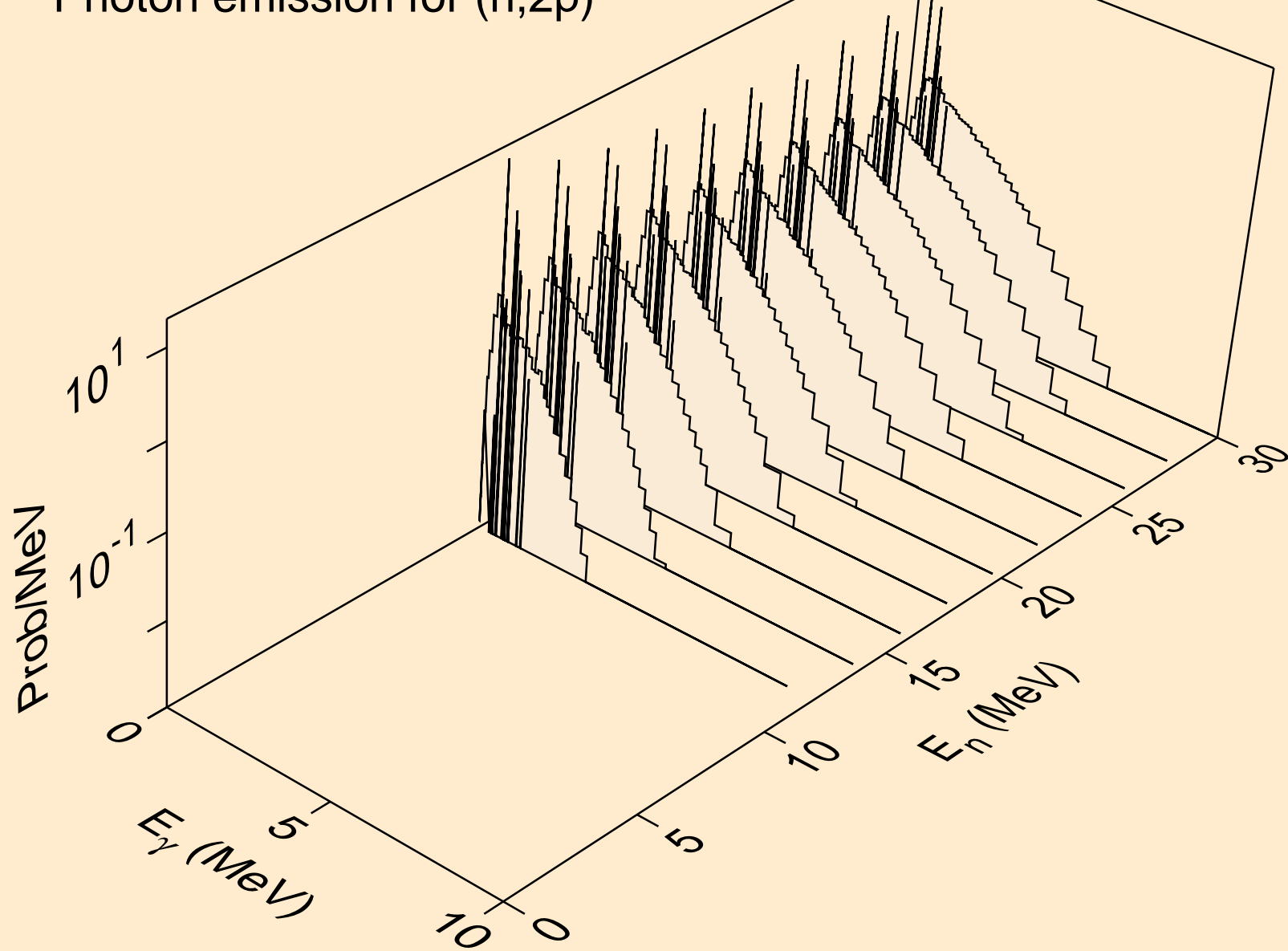




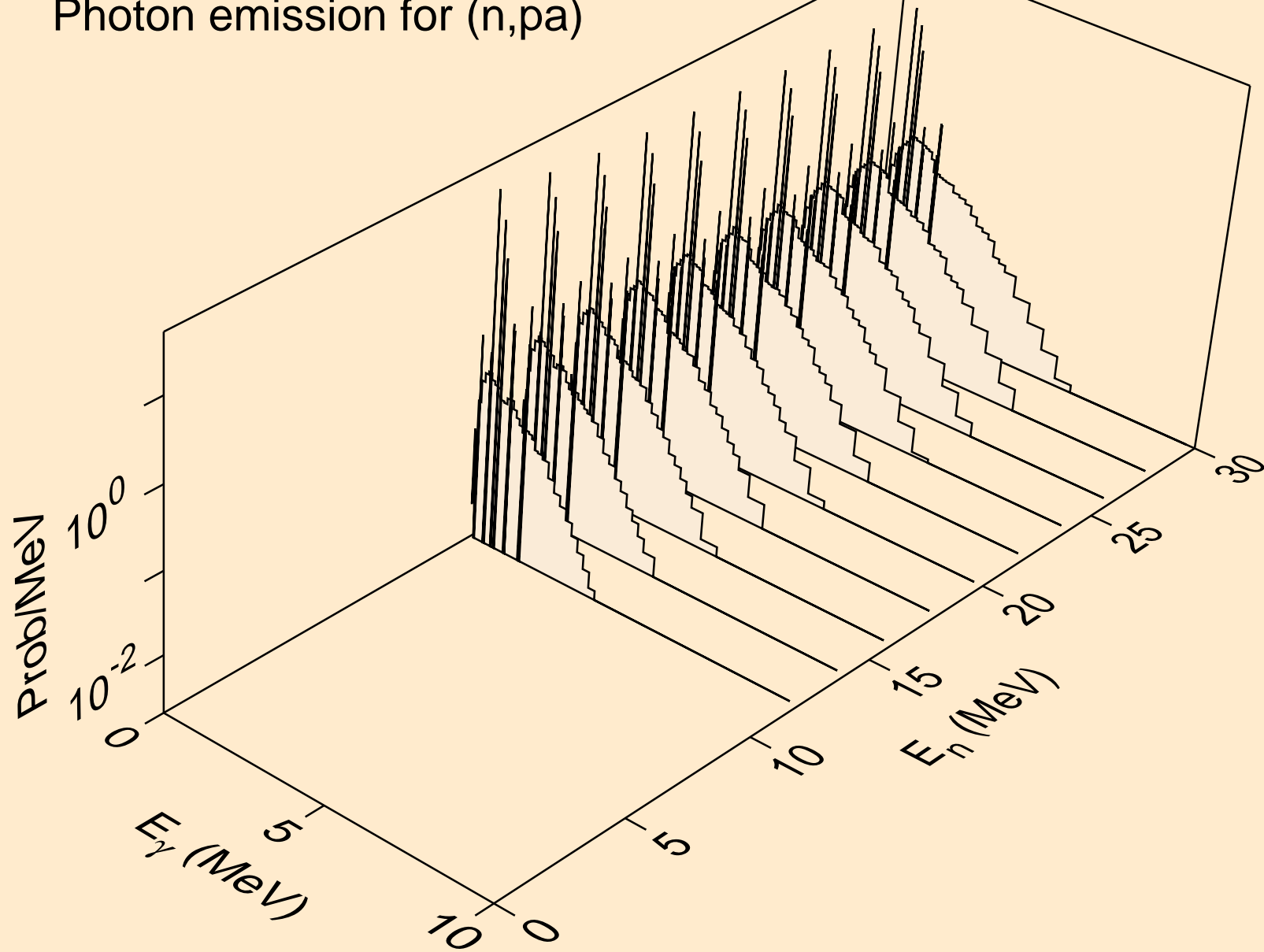
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Photon emission for (n,2a)



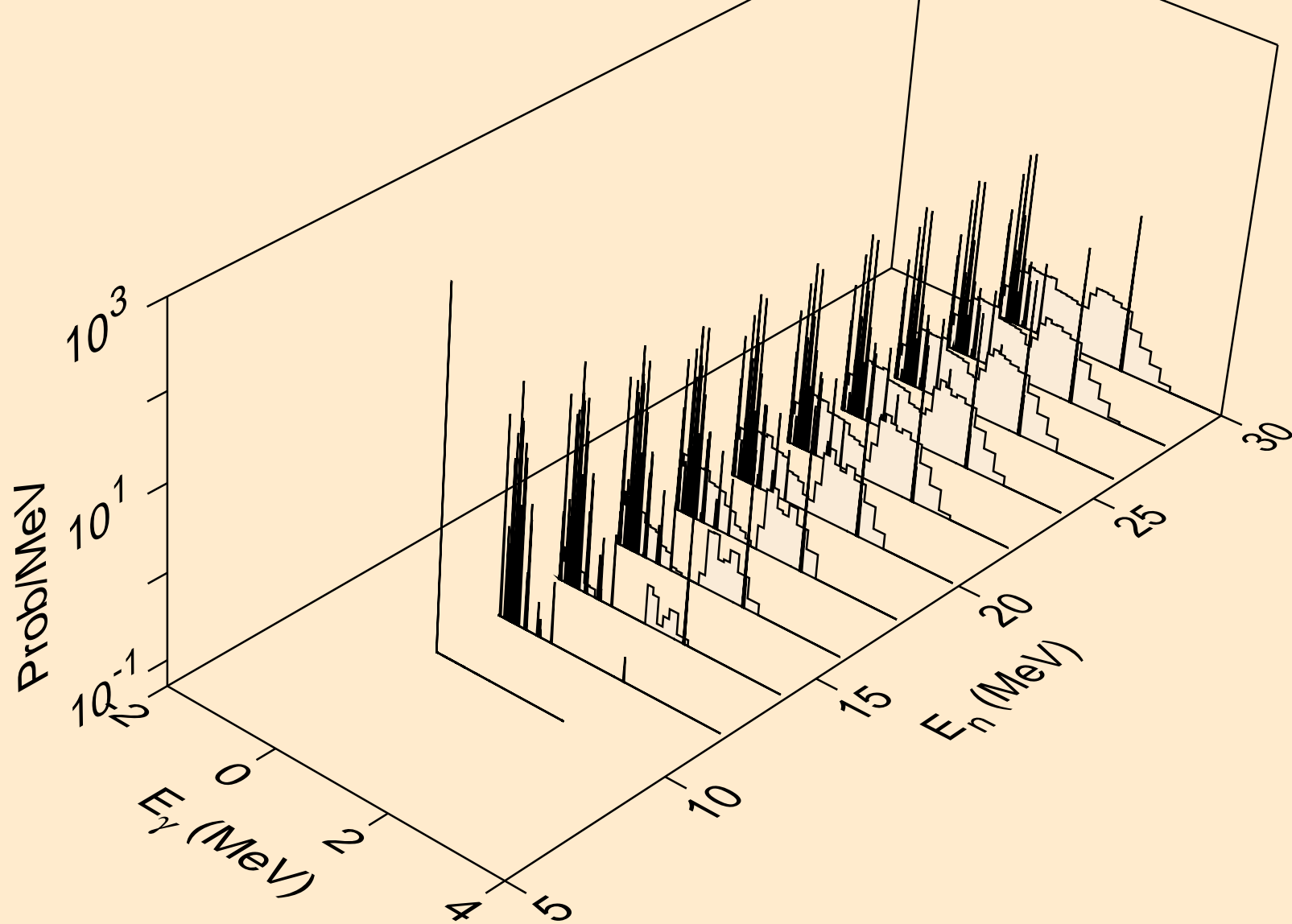
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Photon emission for (n,2p)



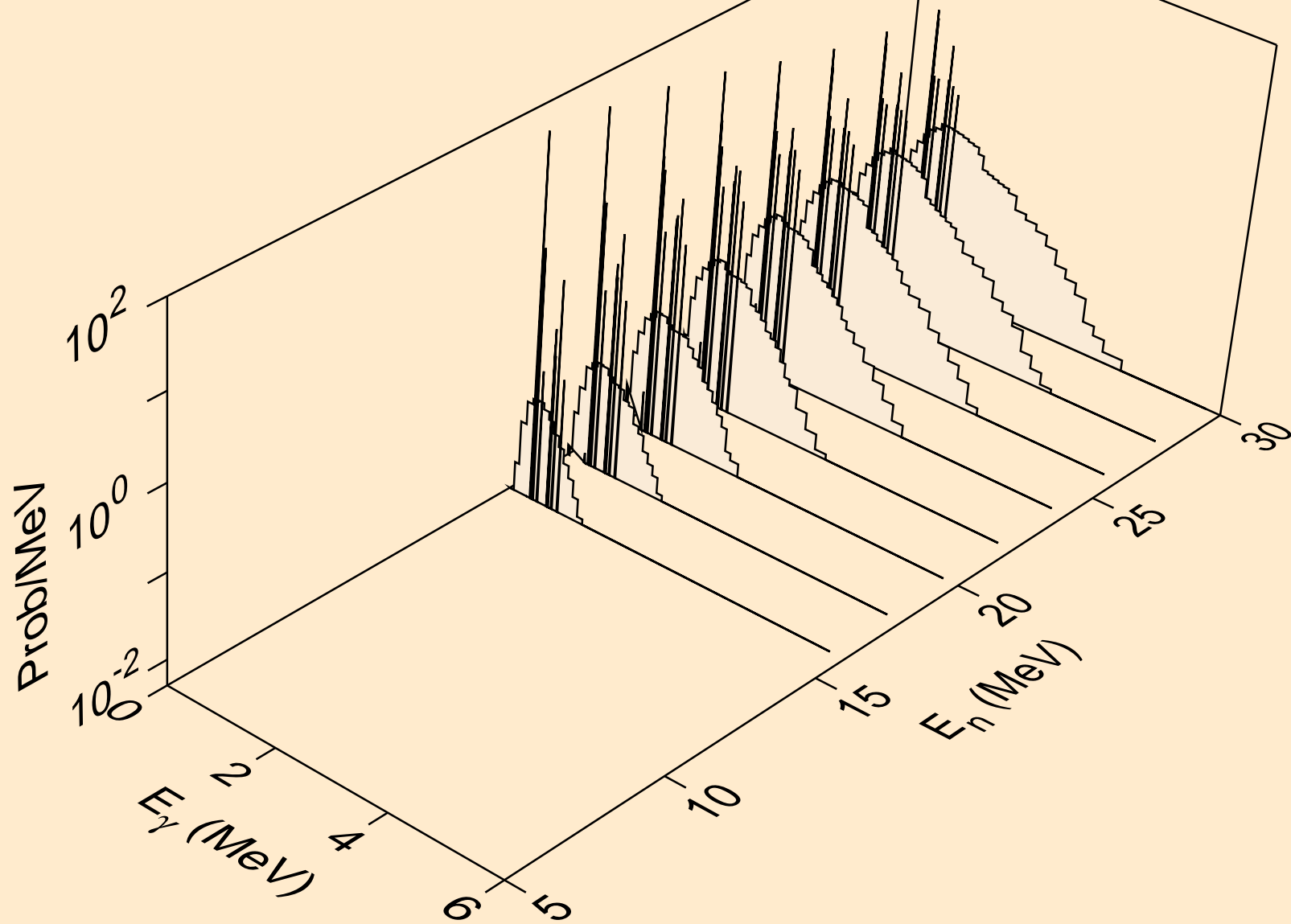
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Photon emission for (n,p $\alpha$ )



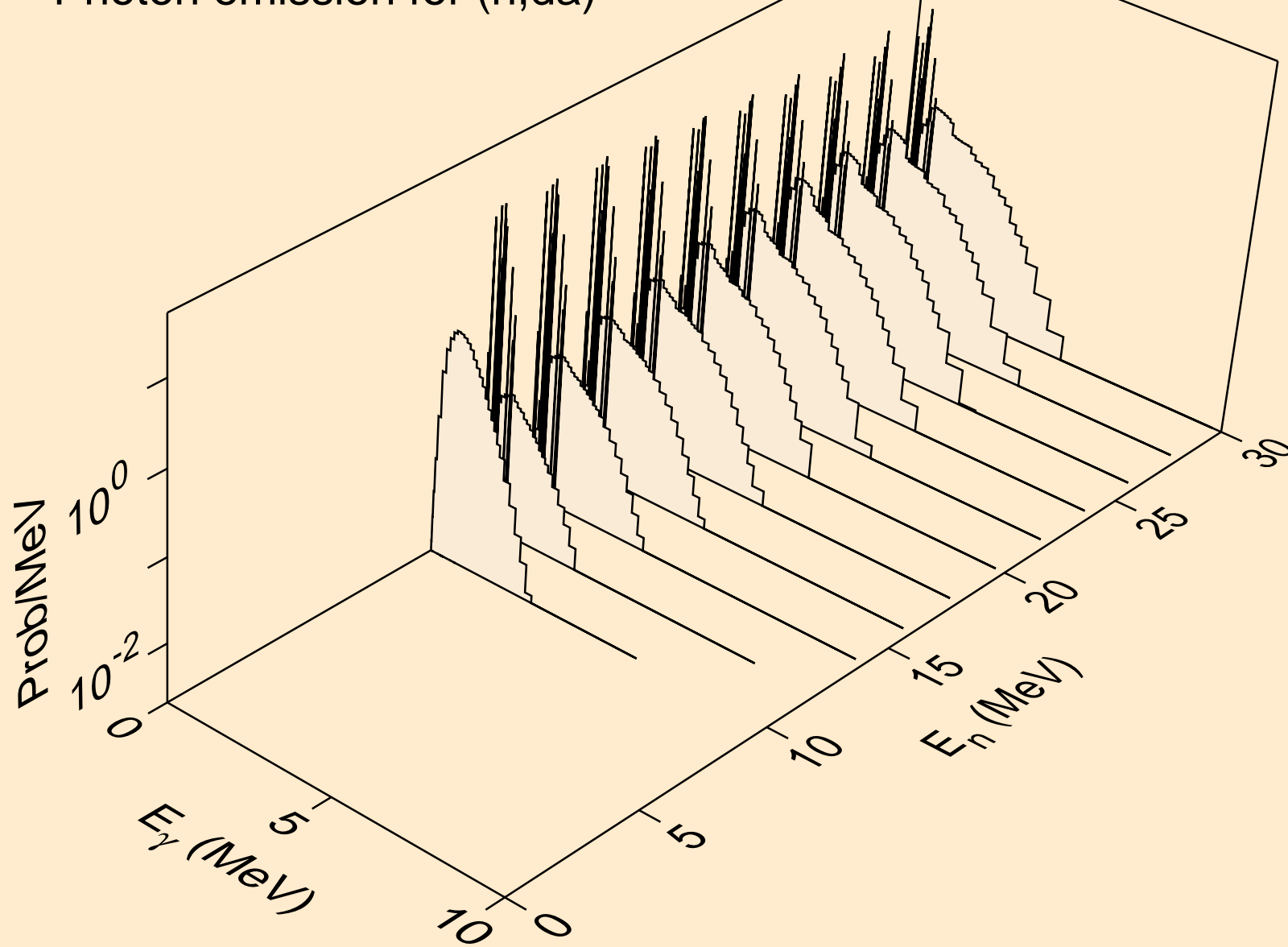
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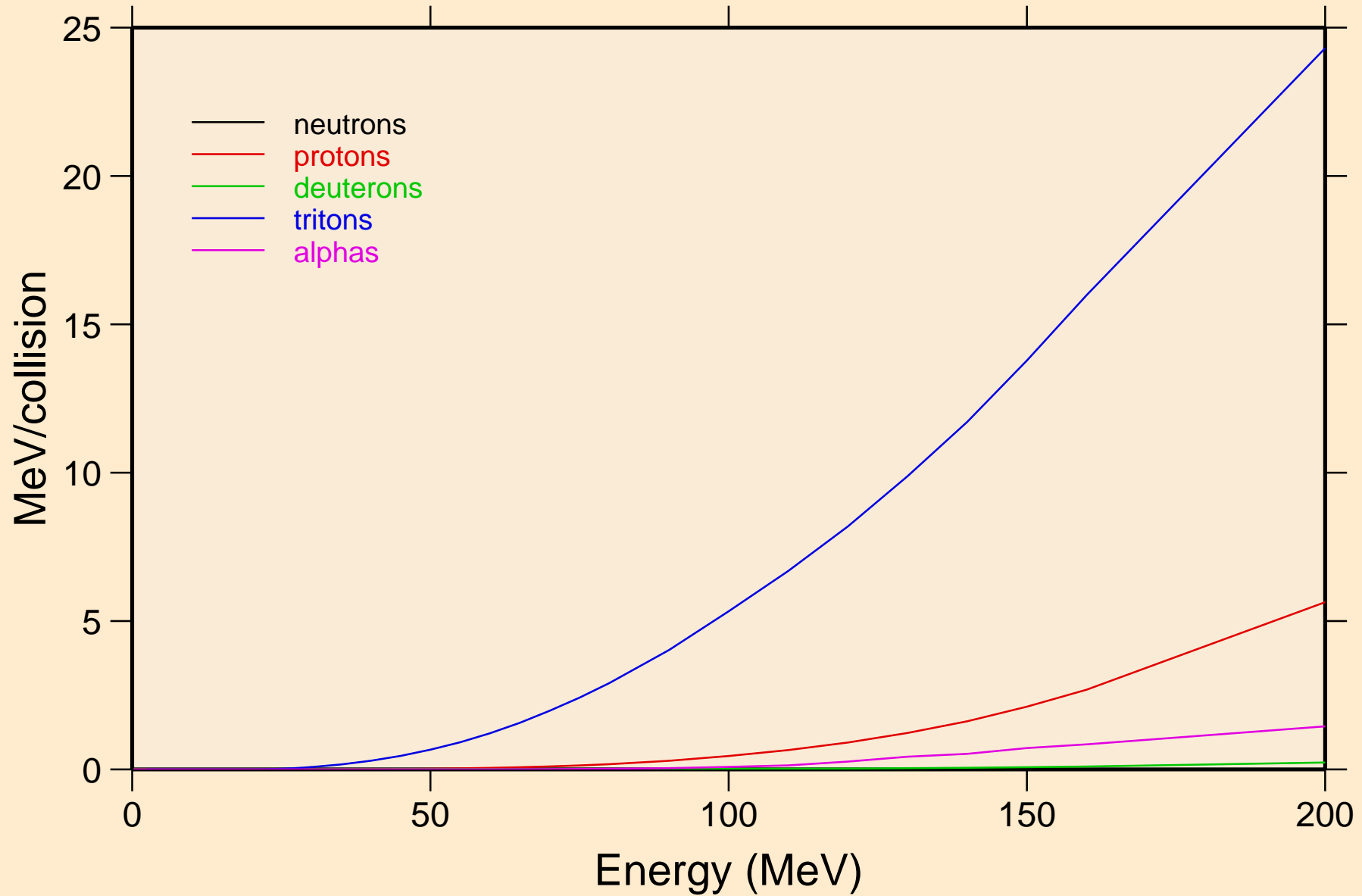
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Photon emission for (n,pt)



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

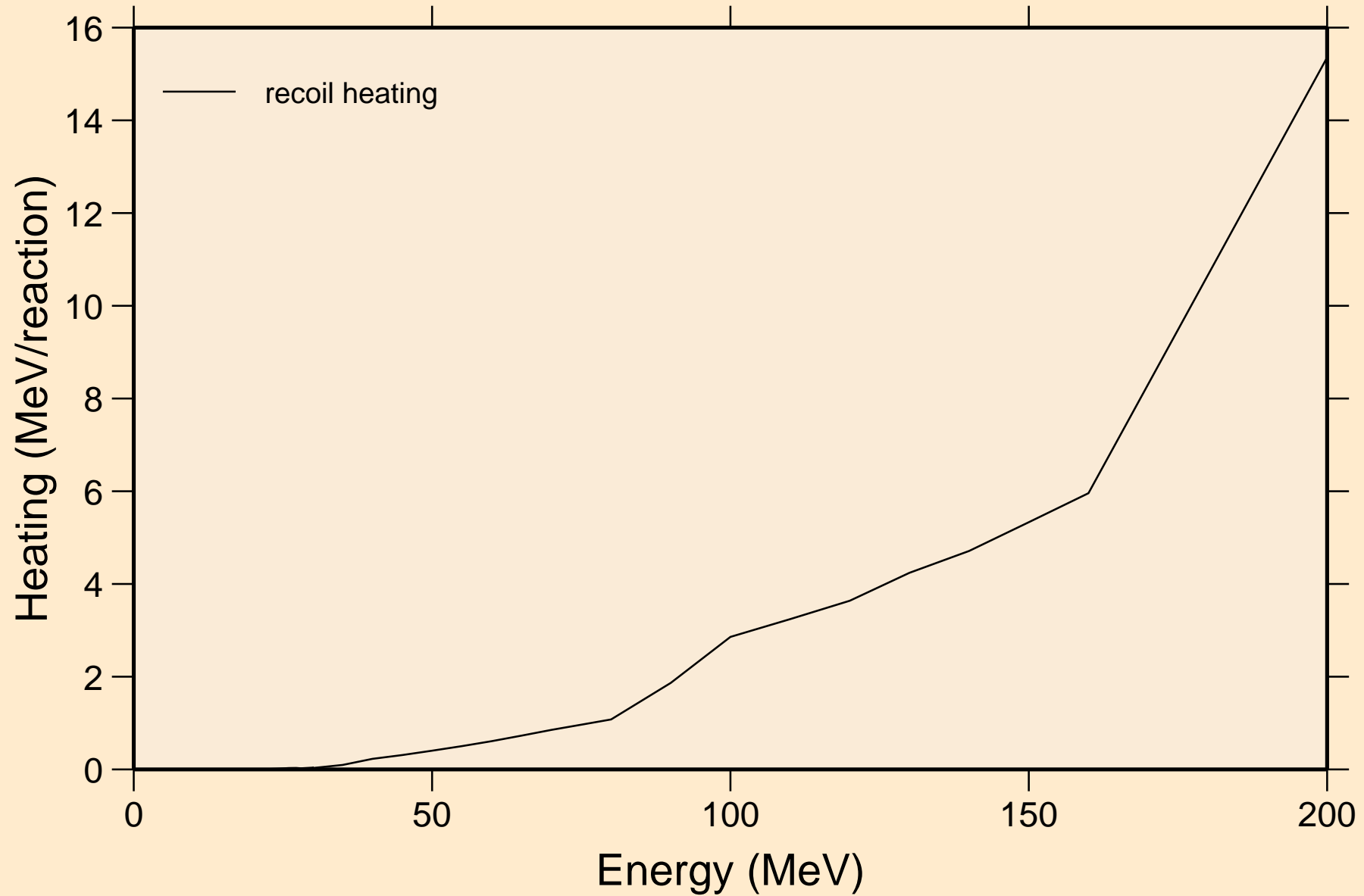


TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



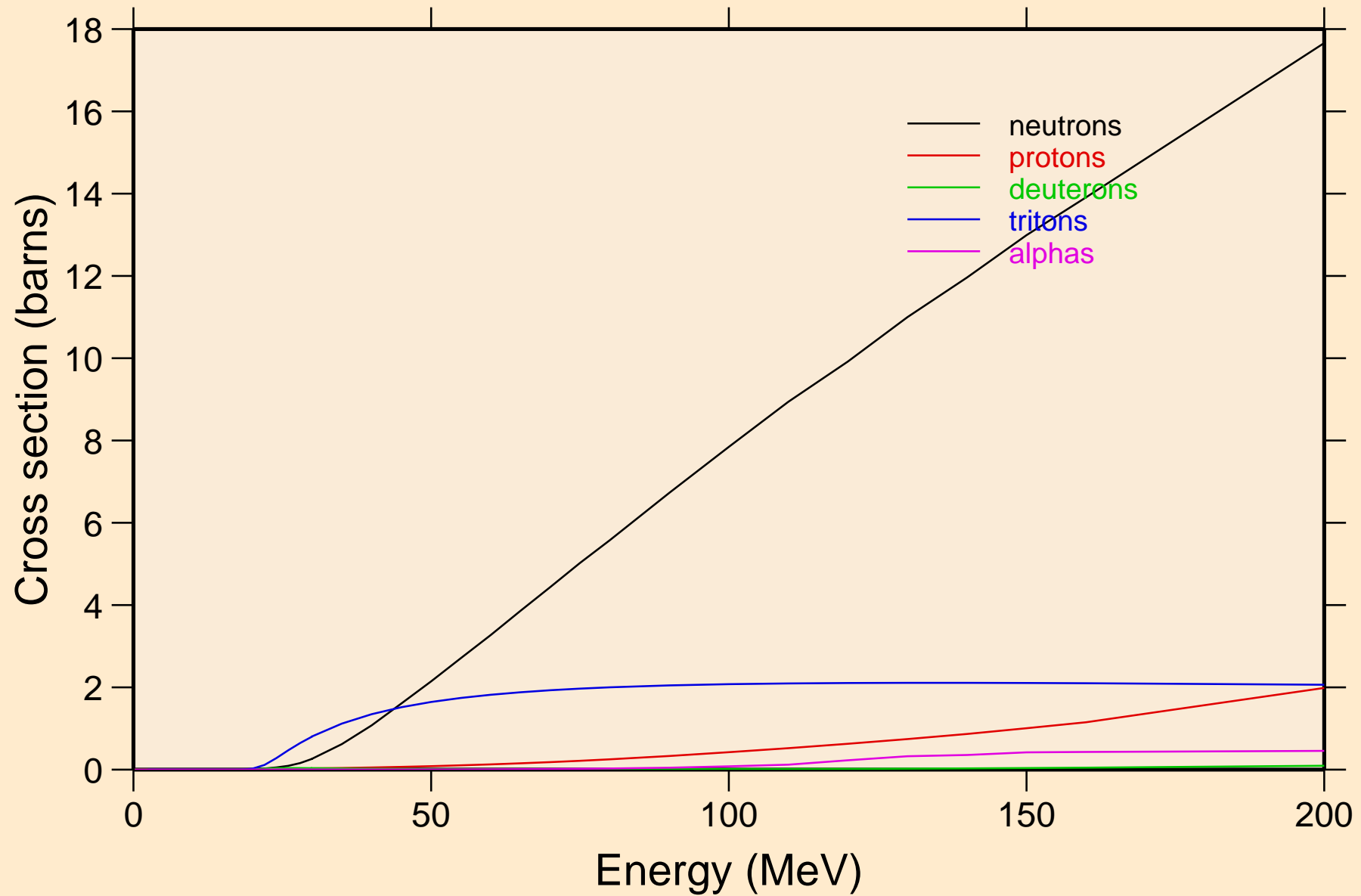
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Recoil Heating

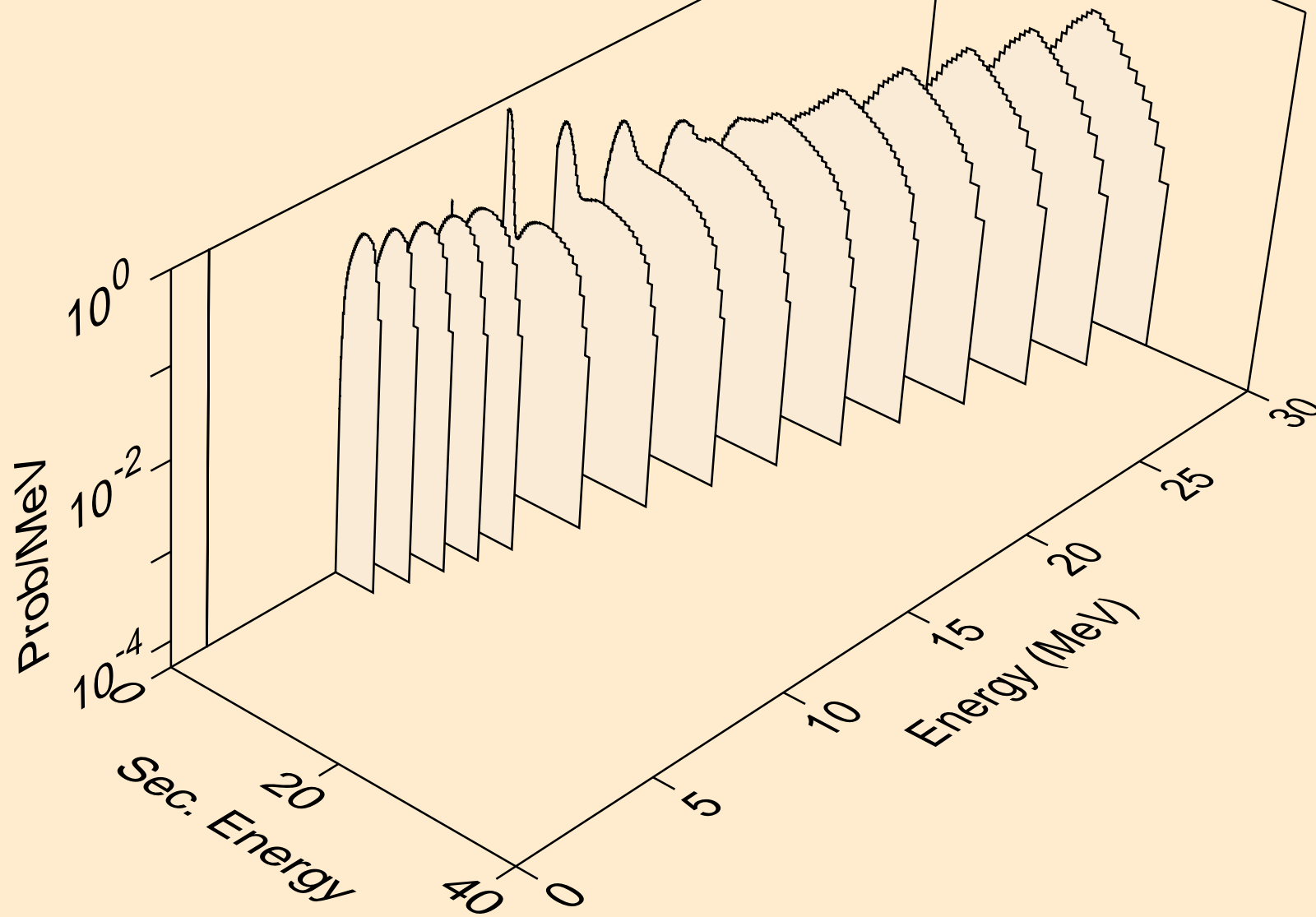




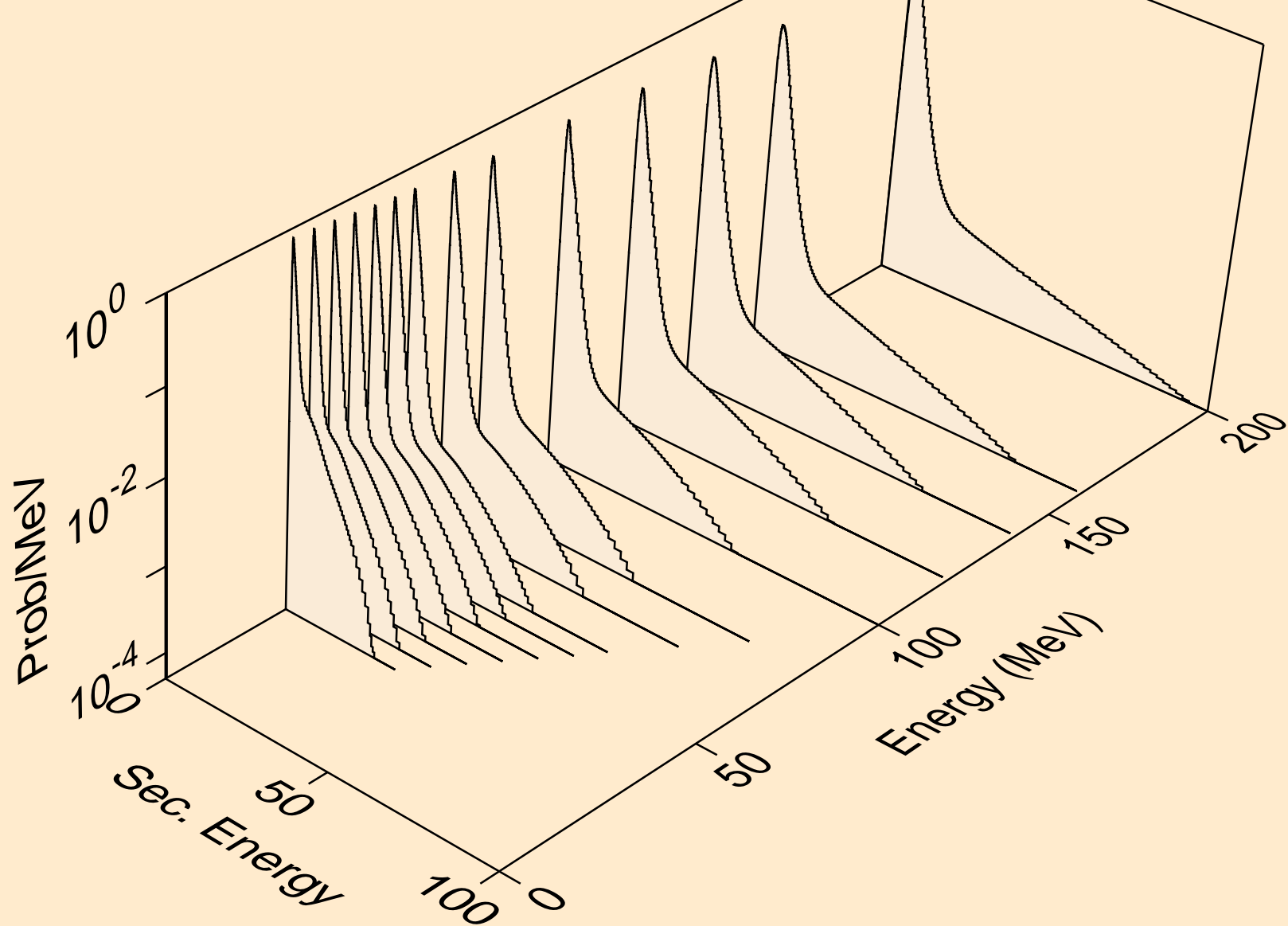
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



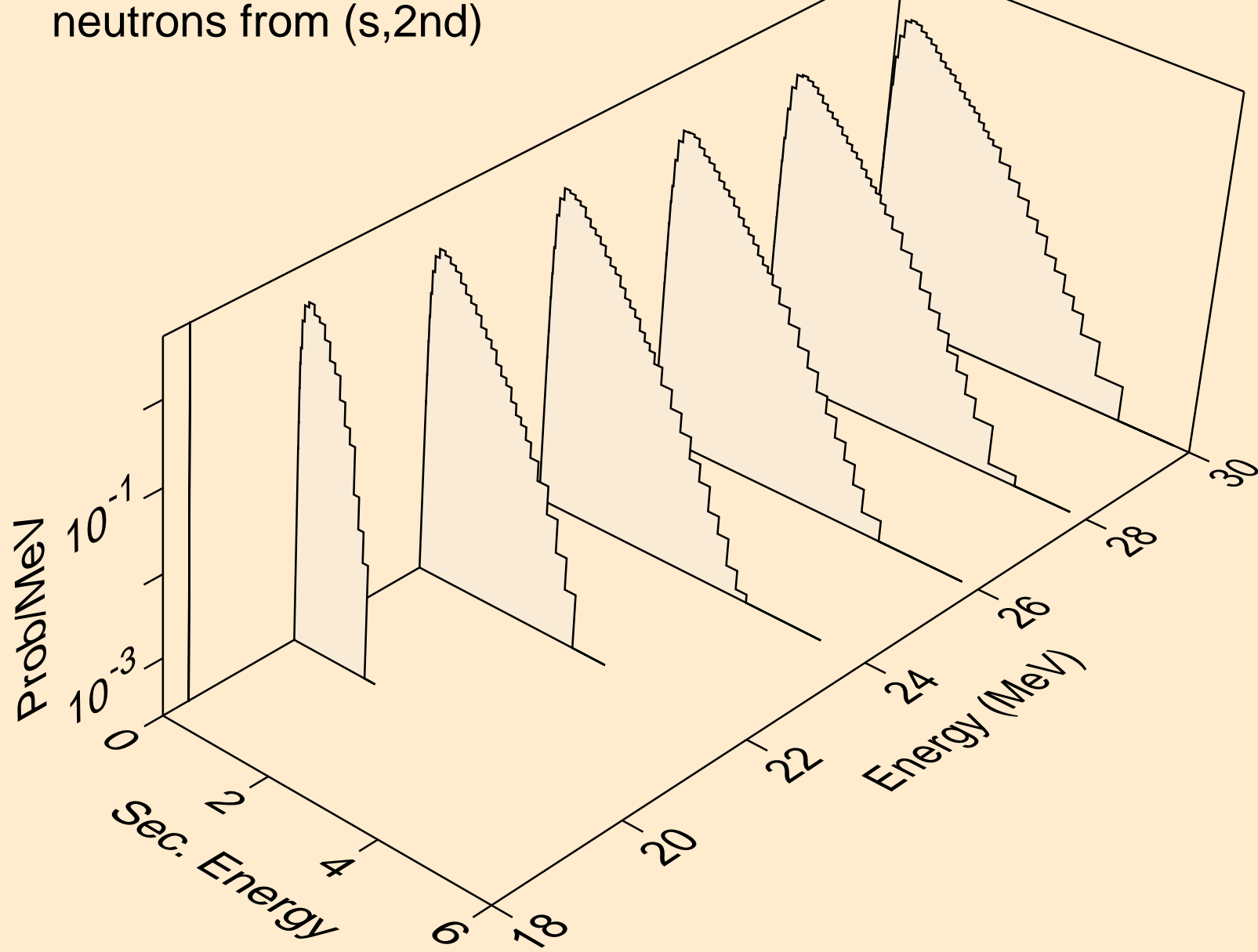
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



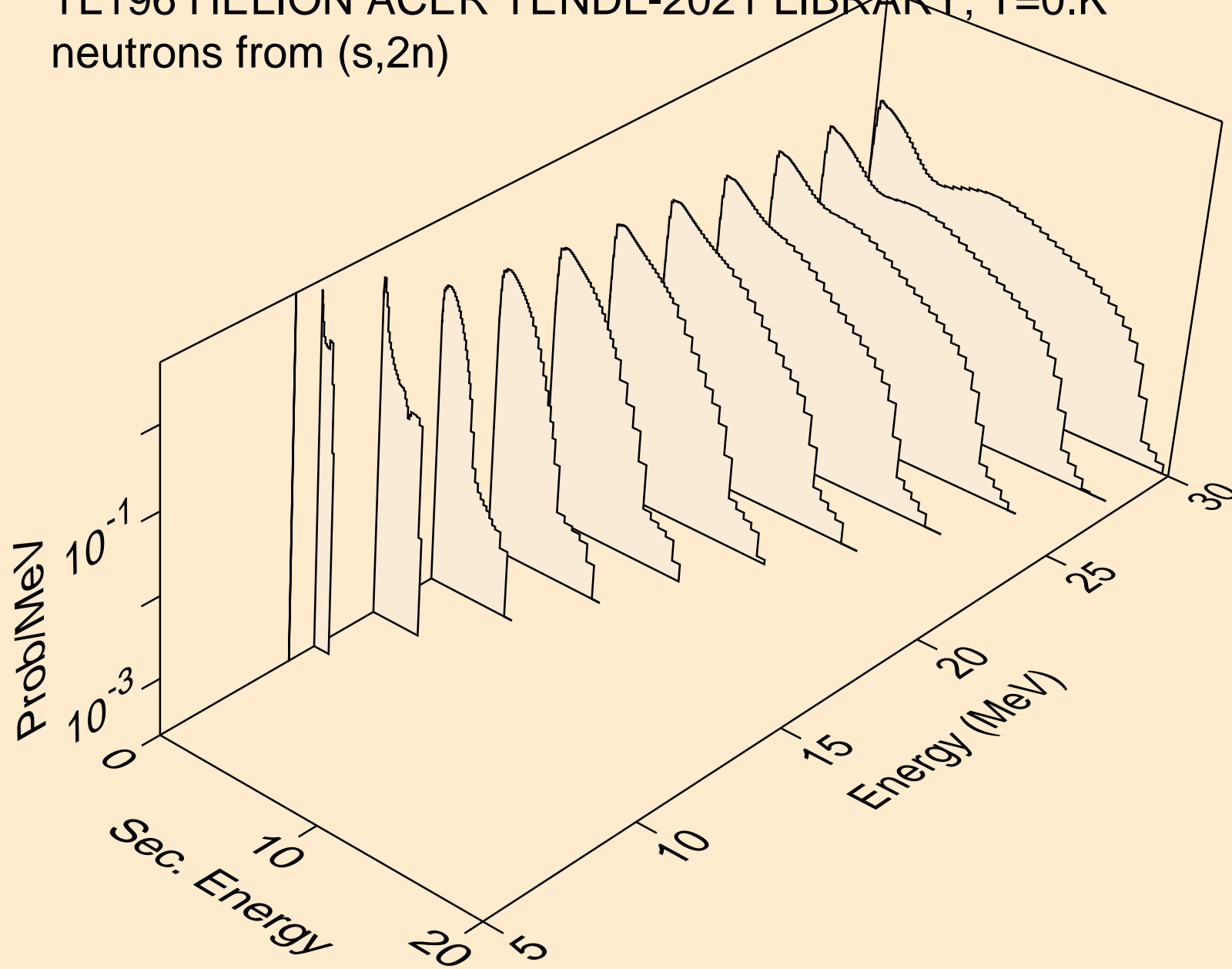
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



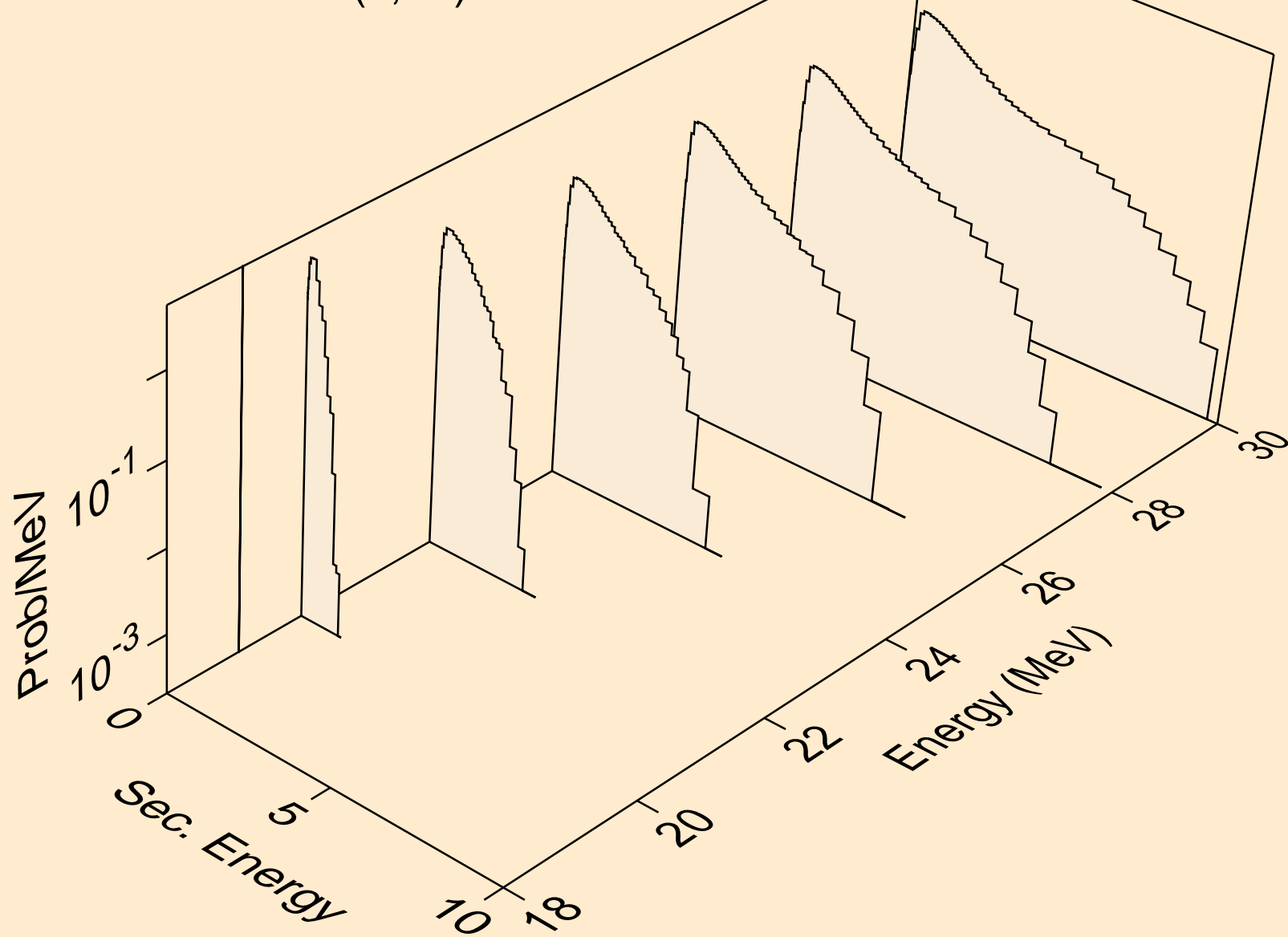
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neutrons from (s,2nd)



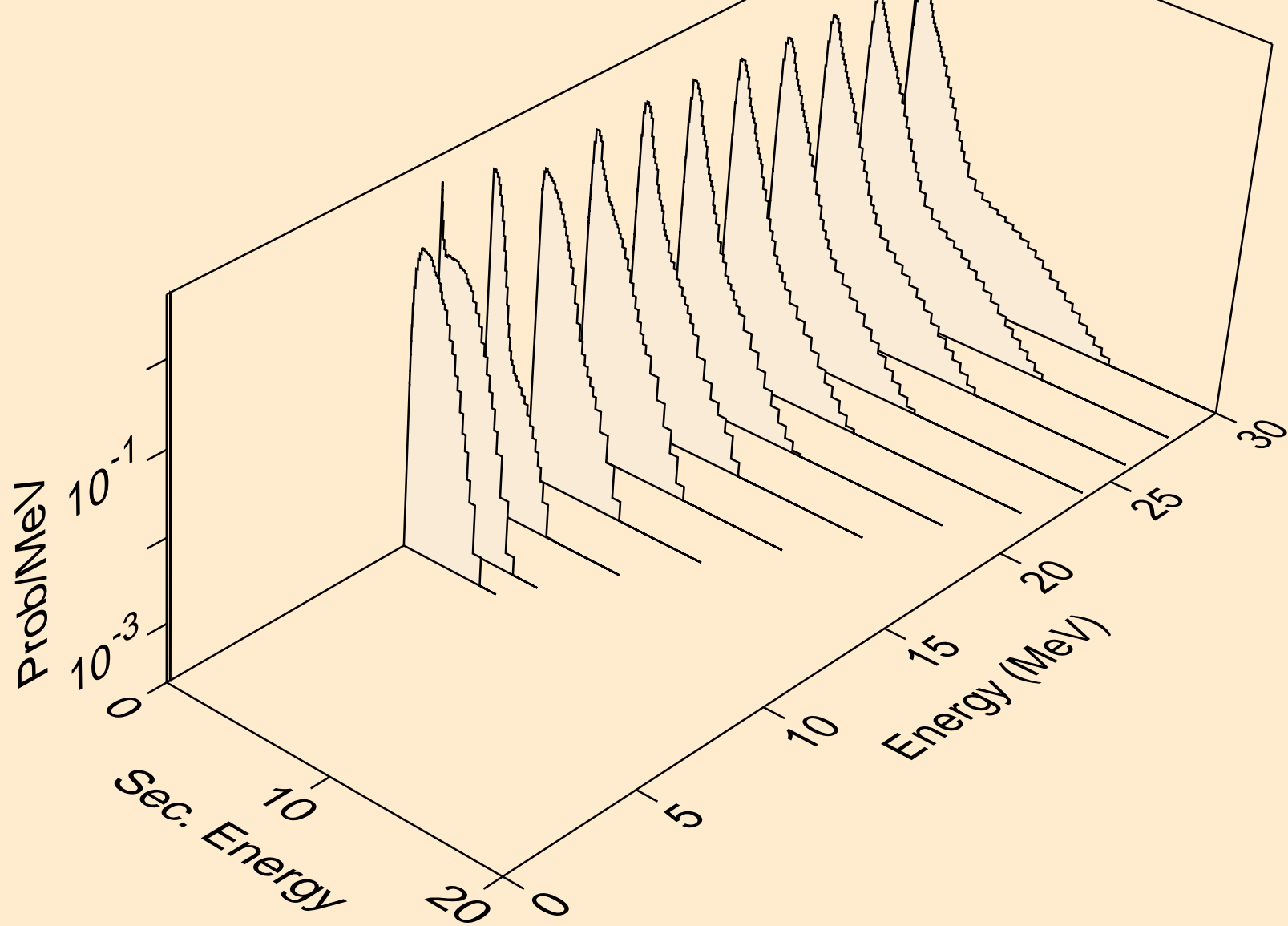
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neutrons from (s,2n)



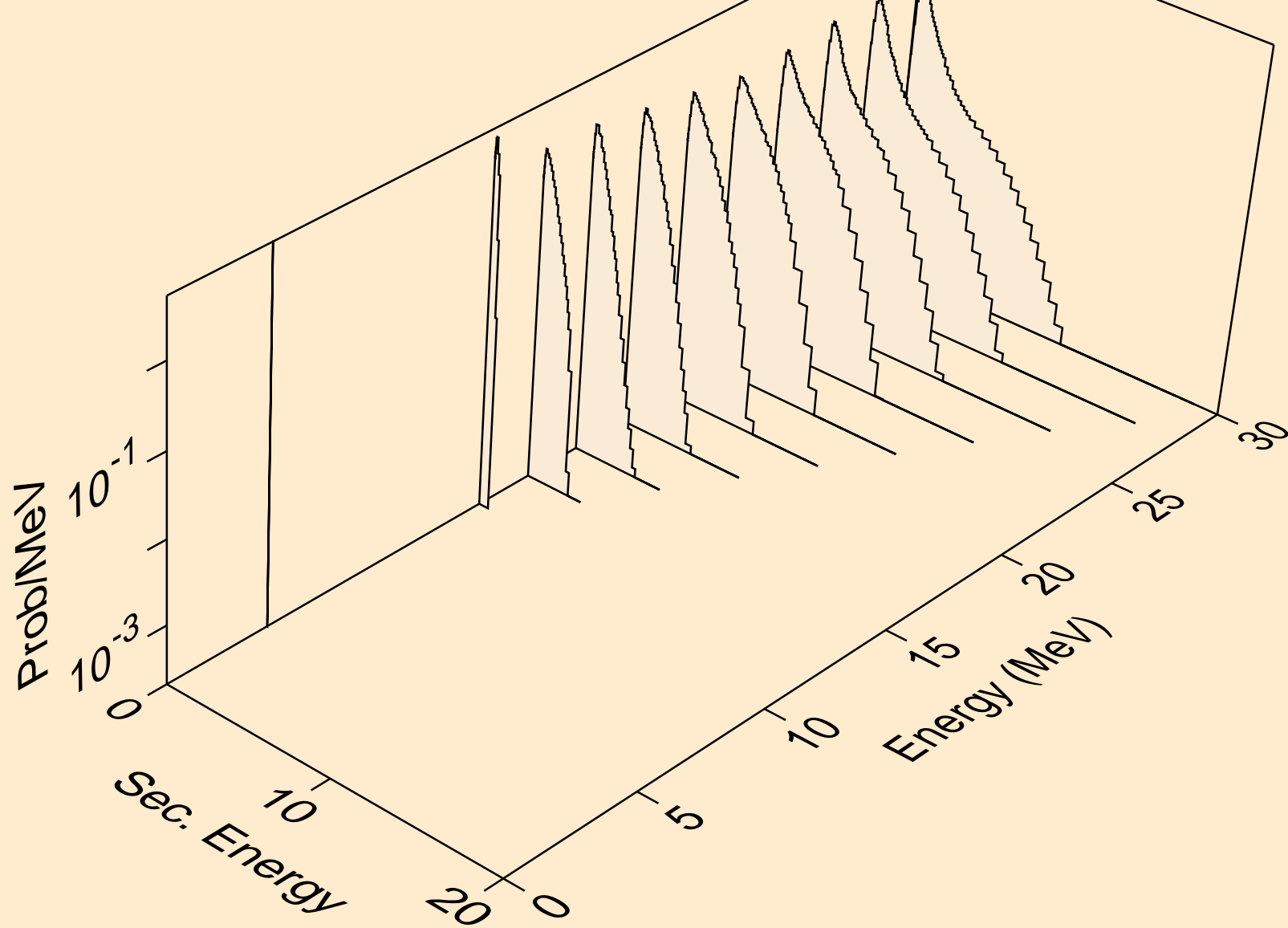
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

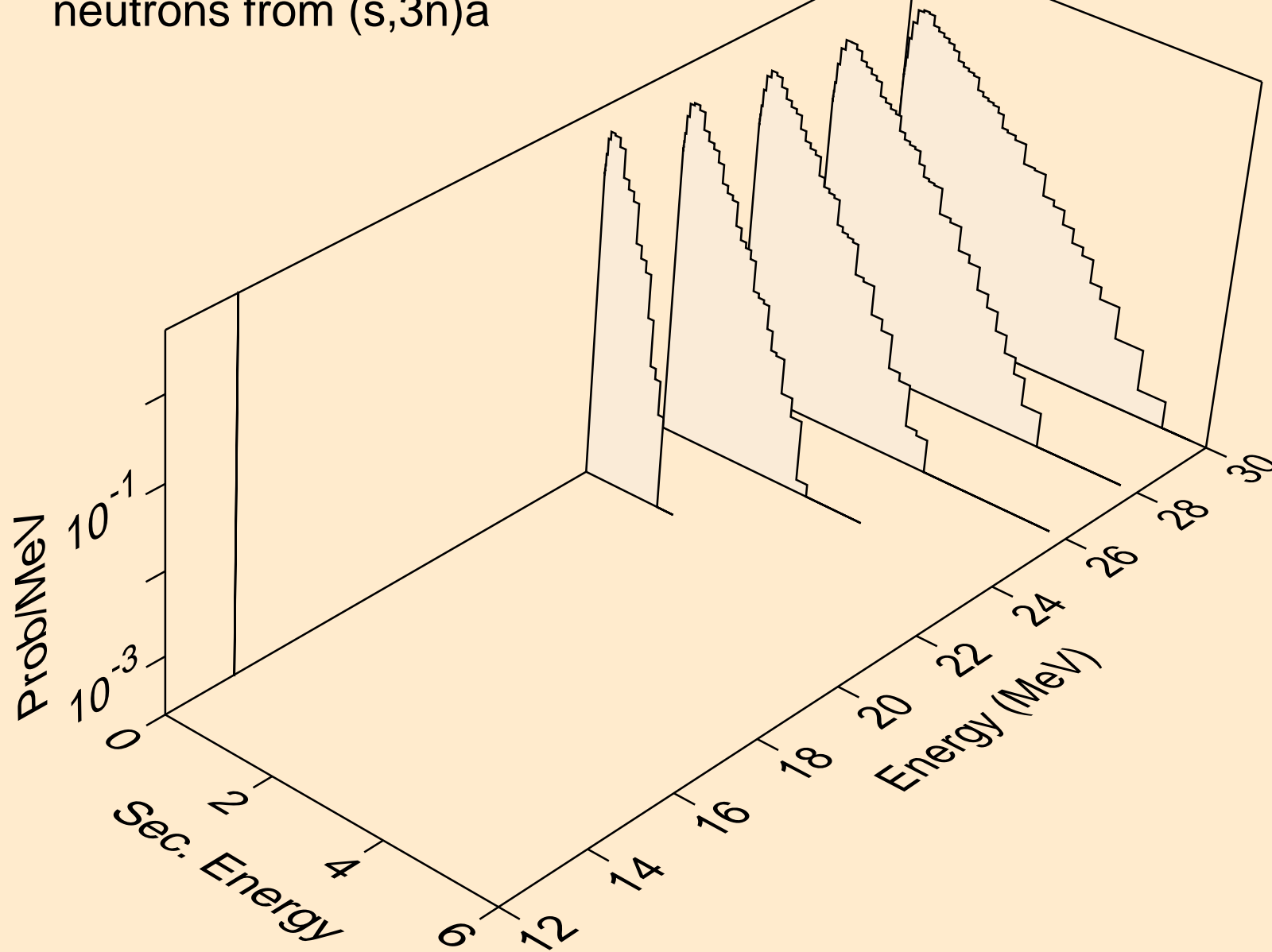


TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a

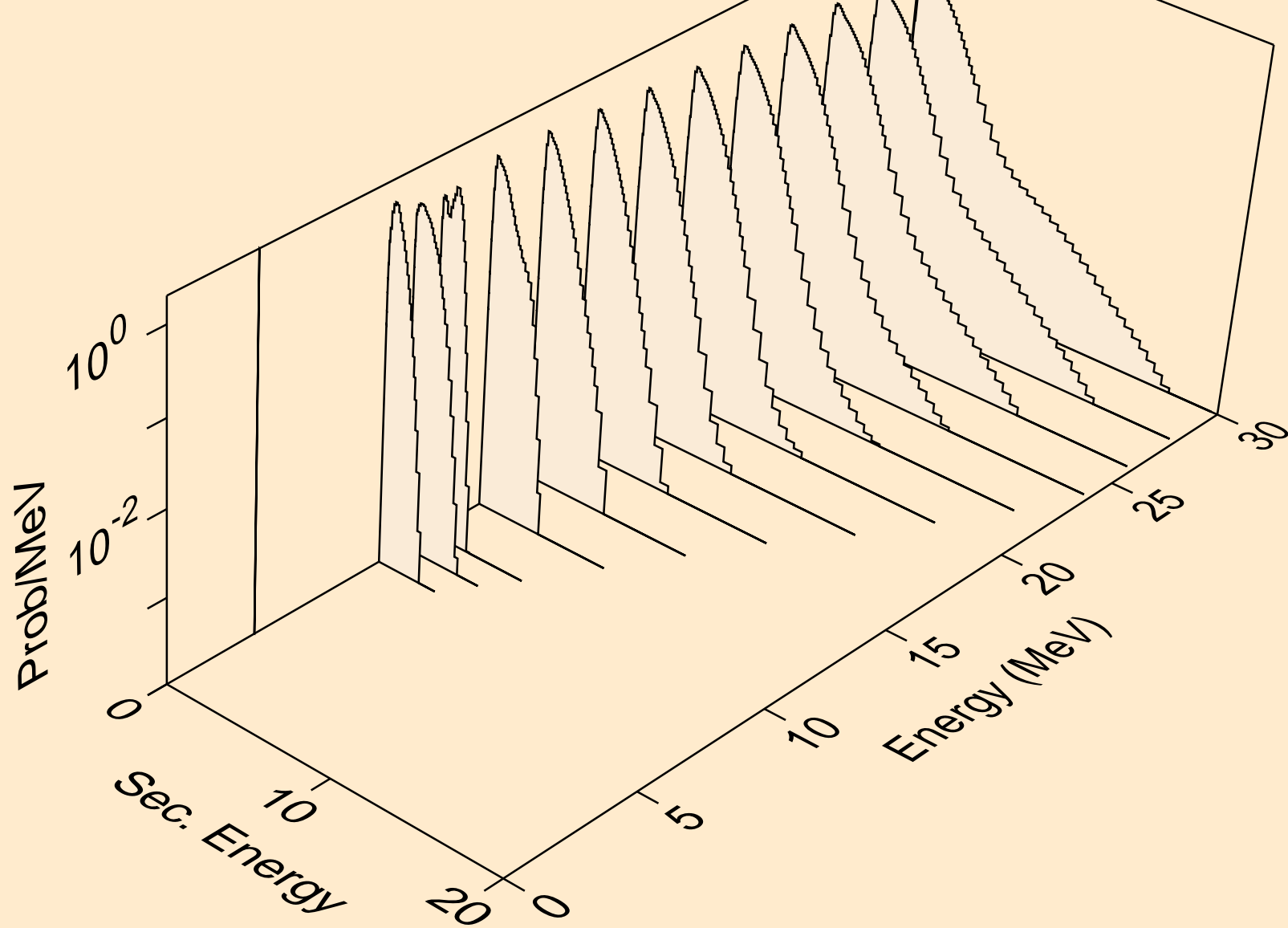




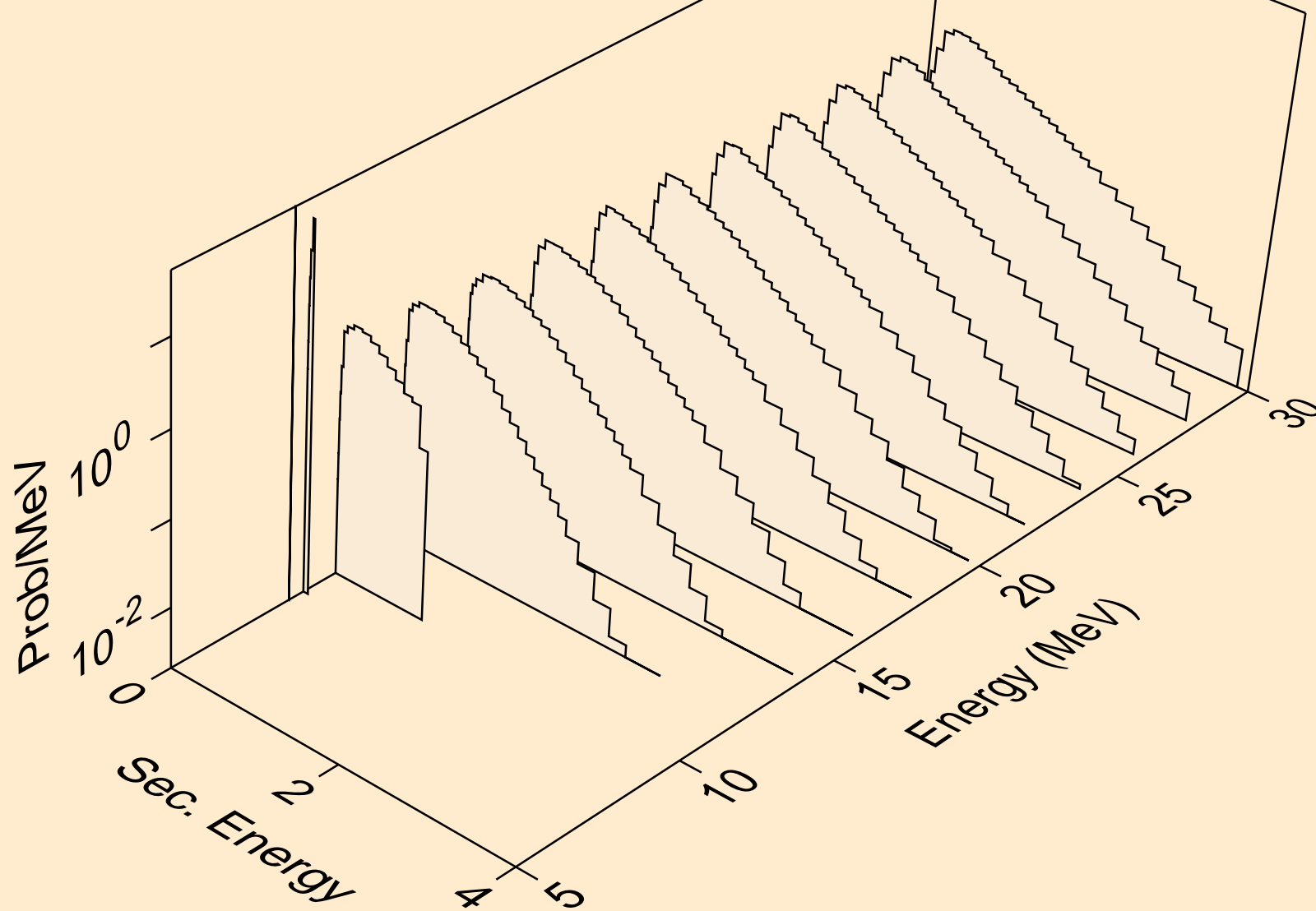
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neutrons from (s,3n)a



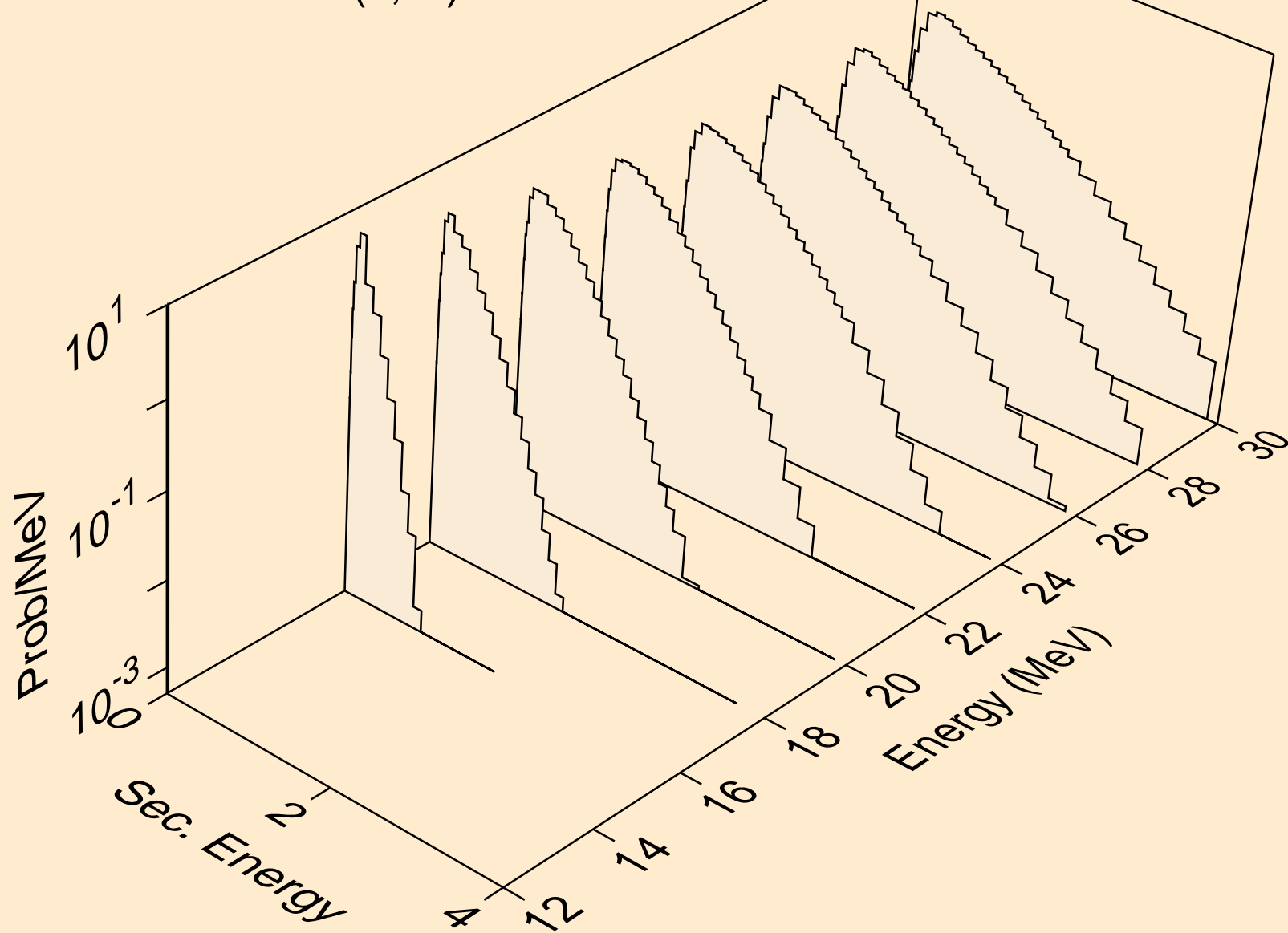
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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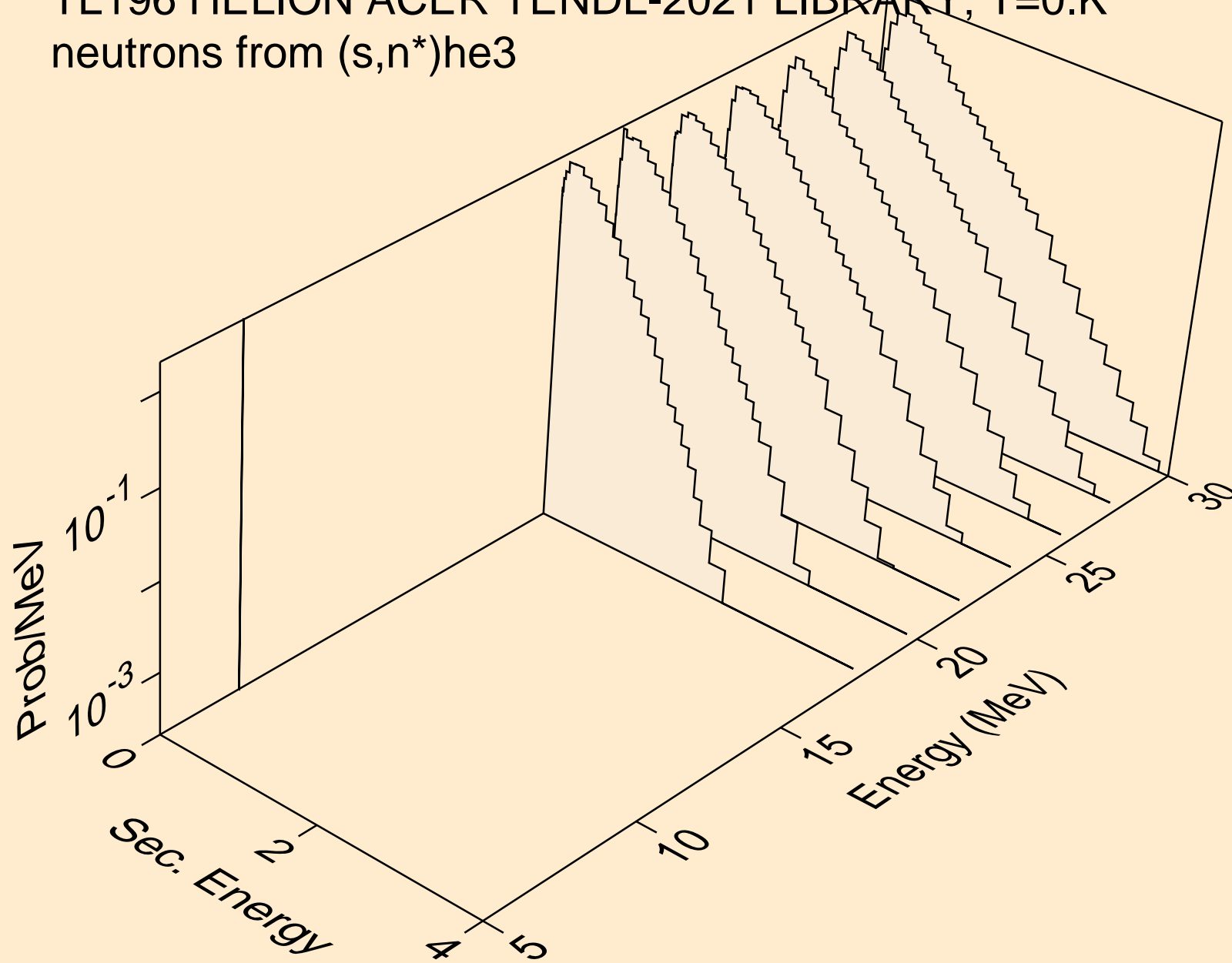
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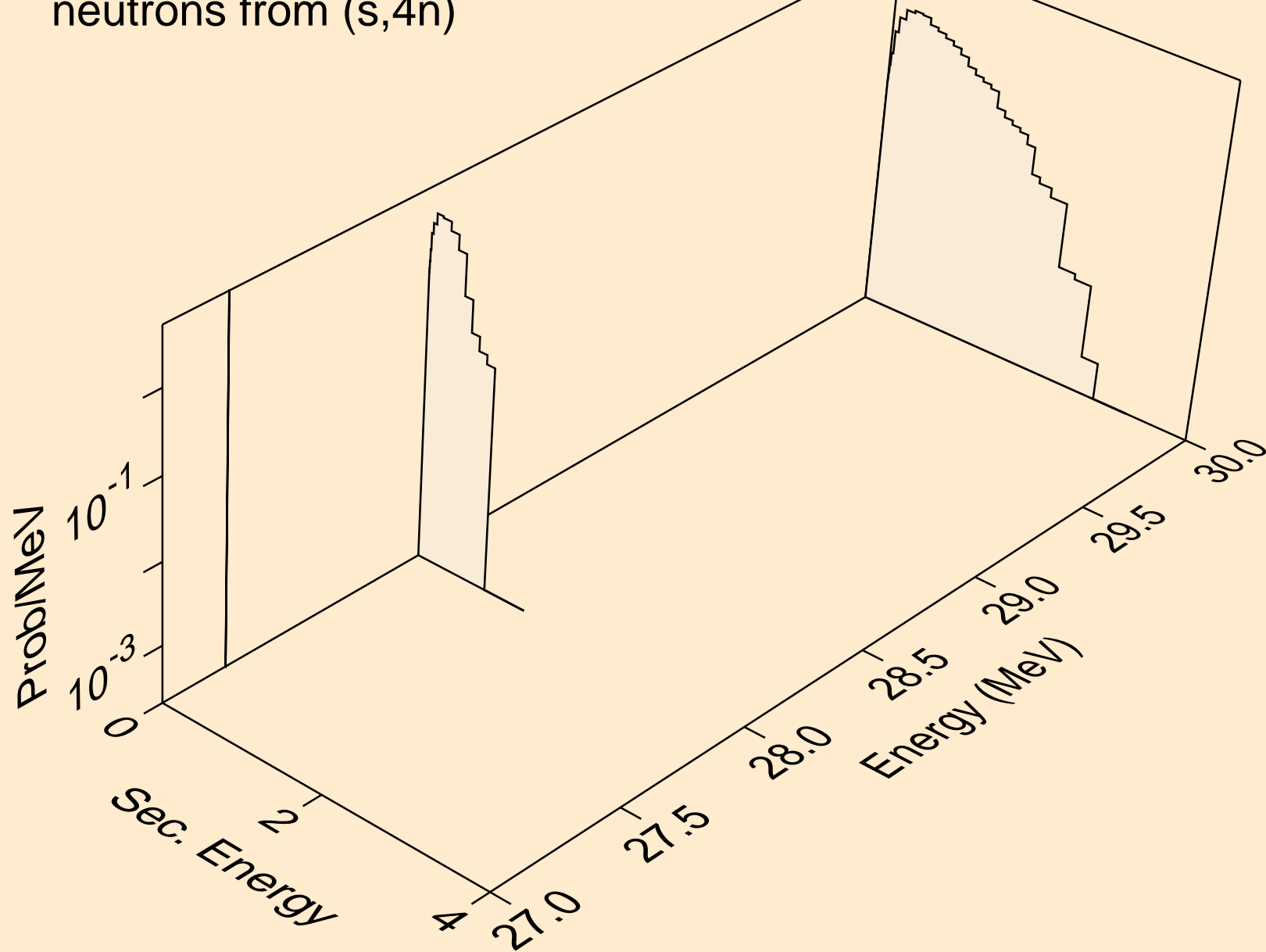
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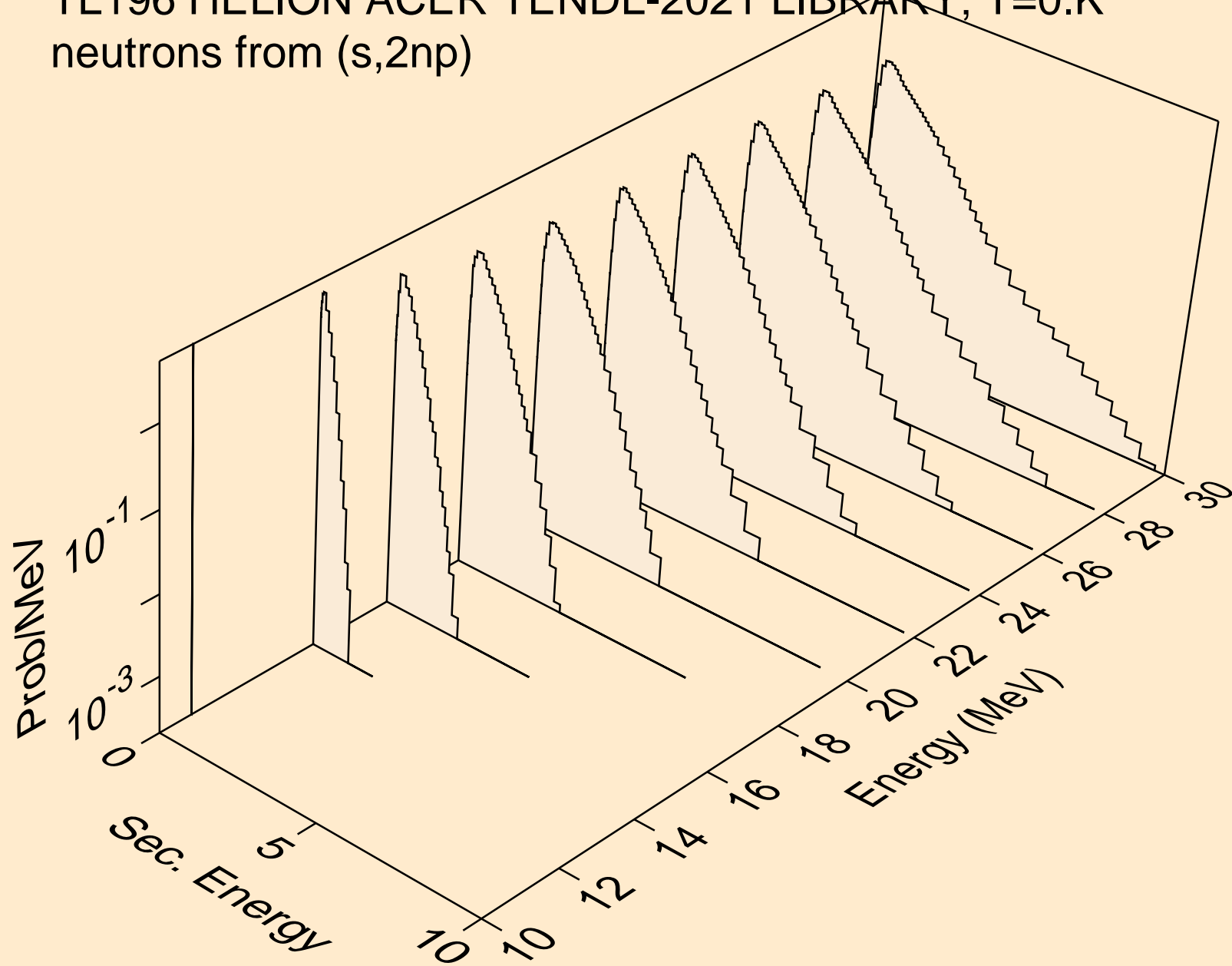
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neutrons from (s,n\*)he3



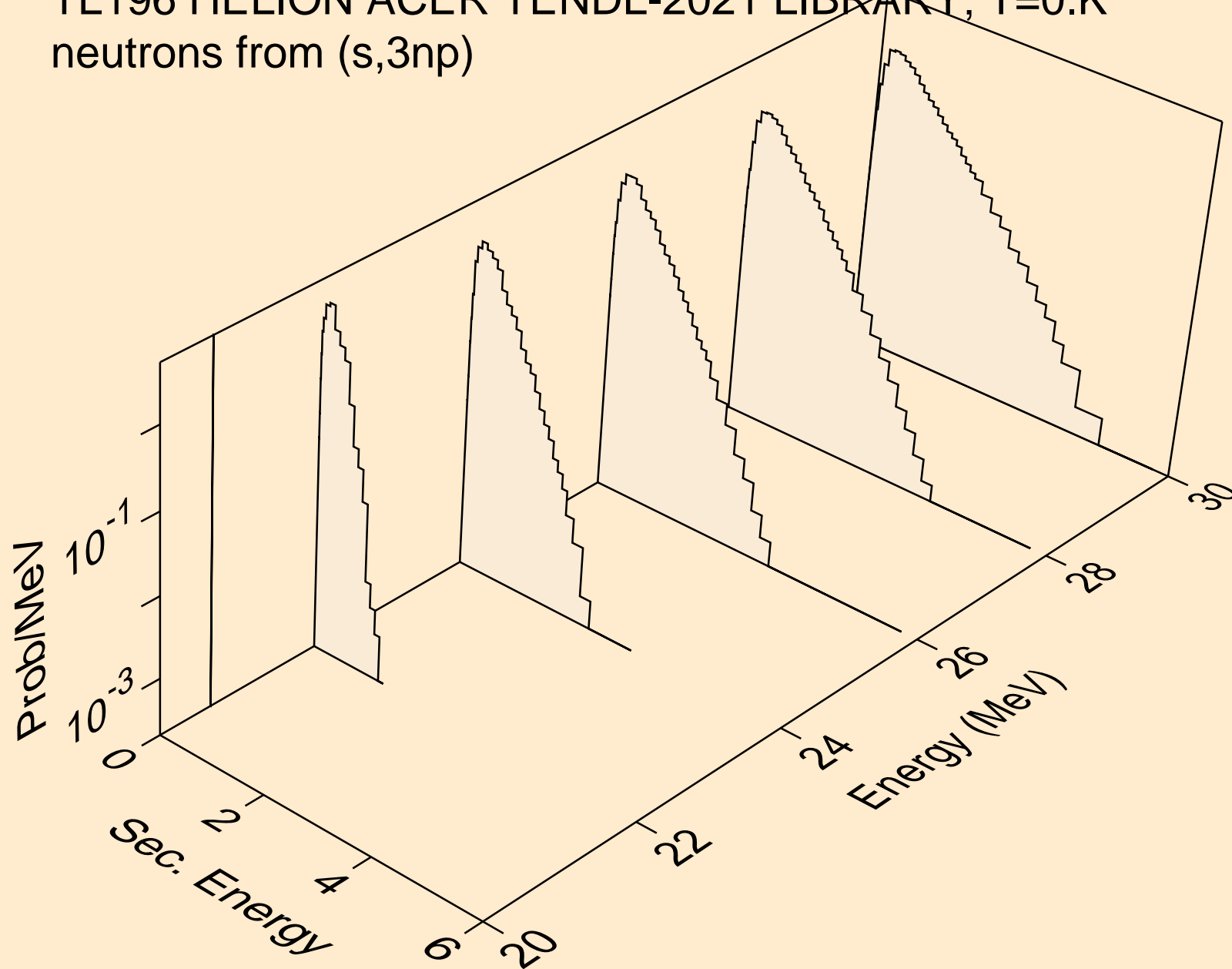
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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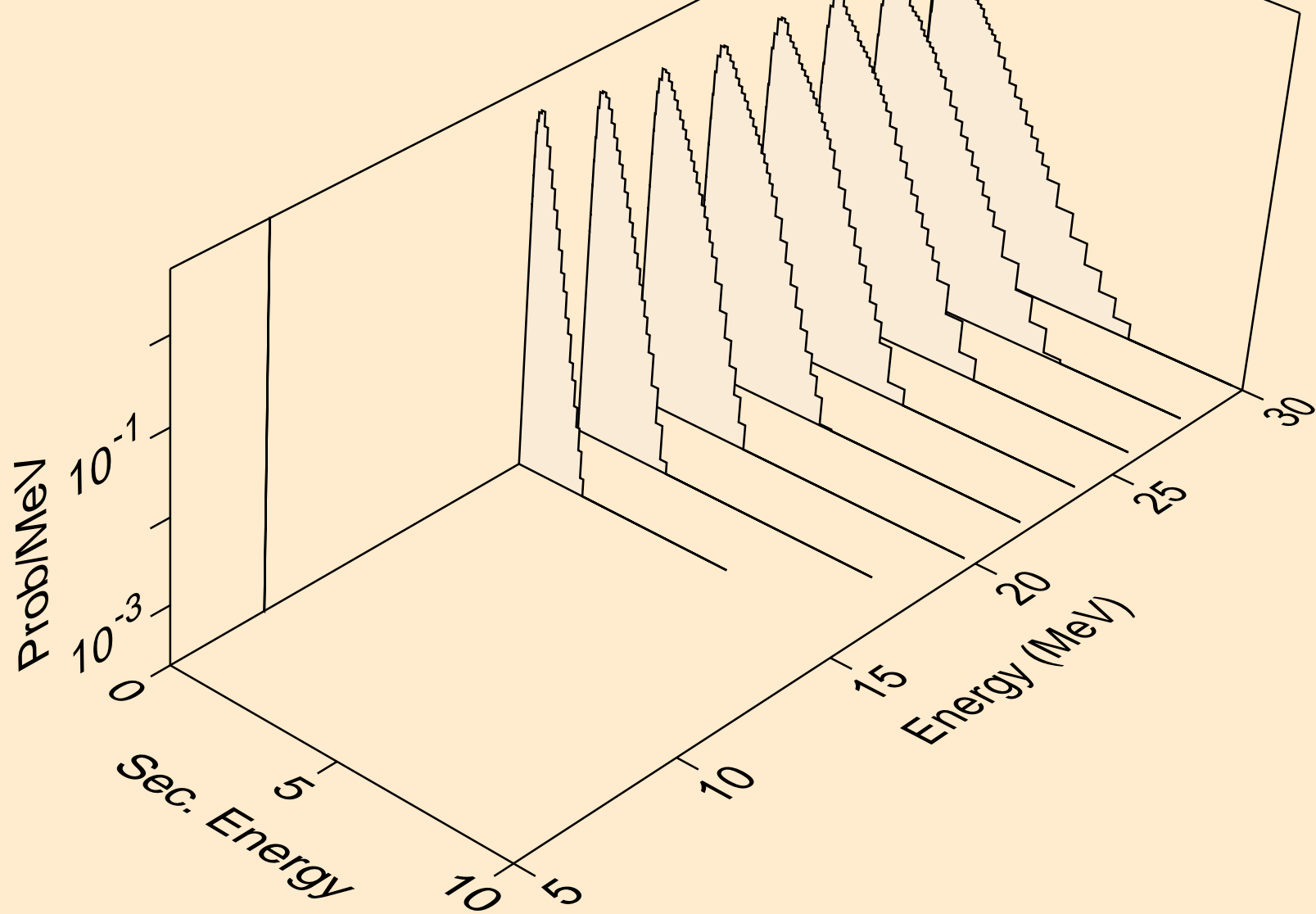


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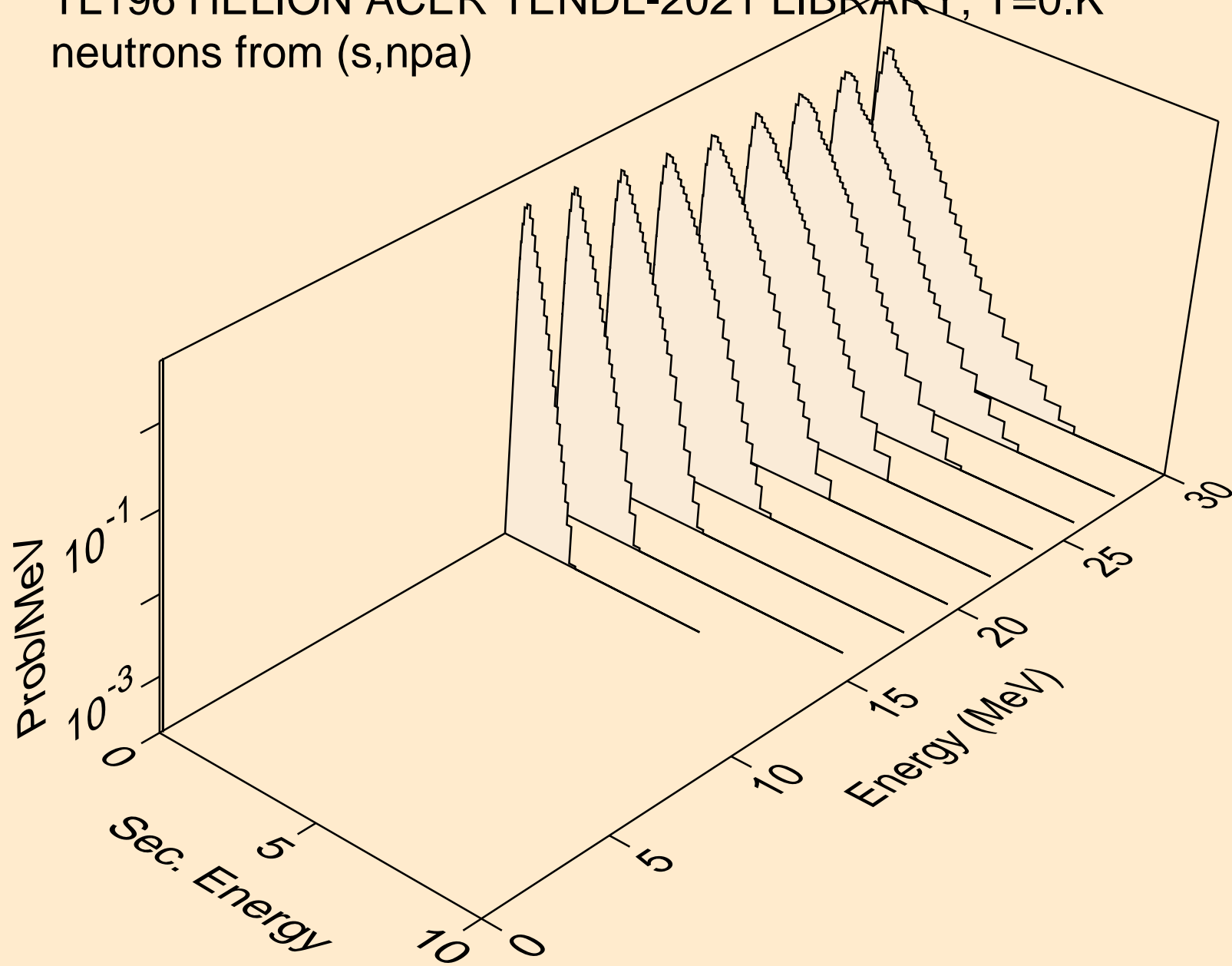




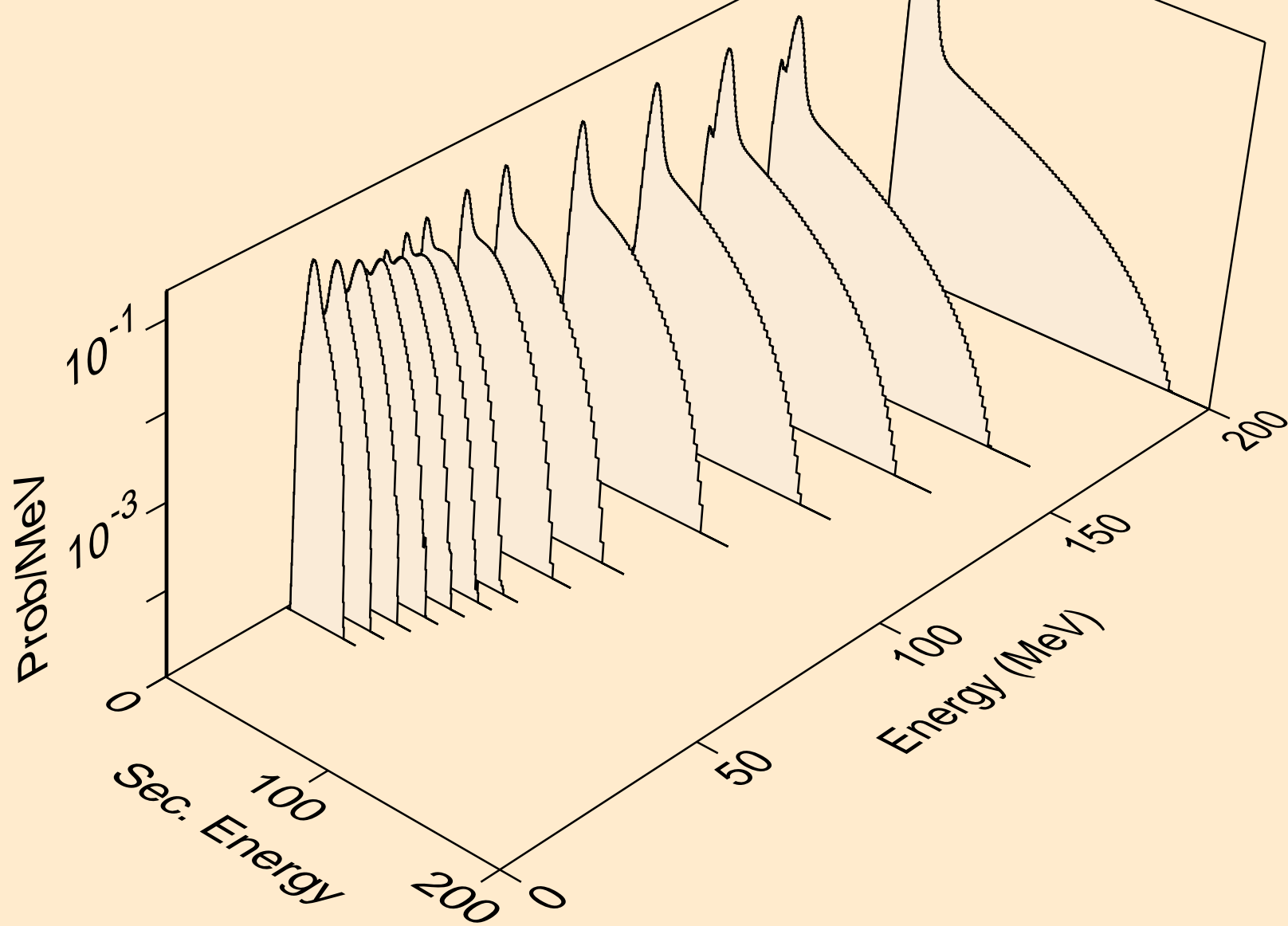
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neutrons from (s,2np)



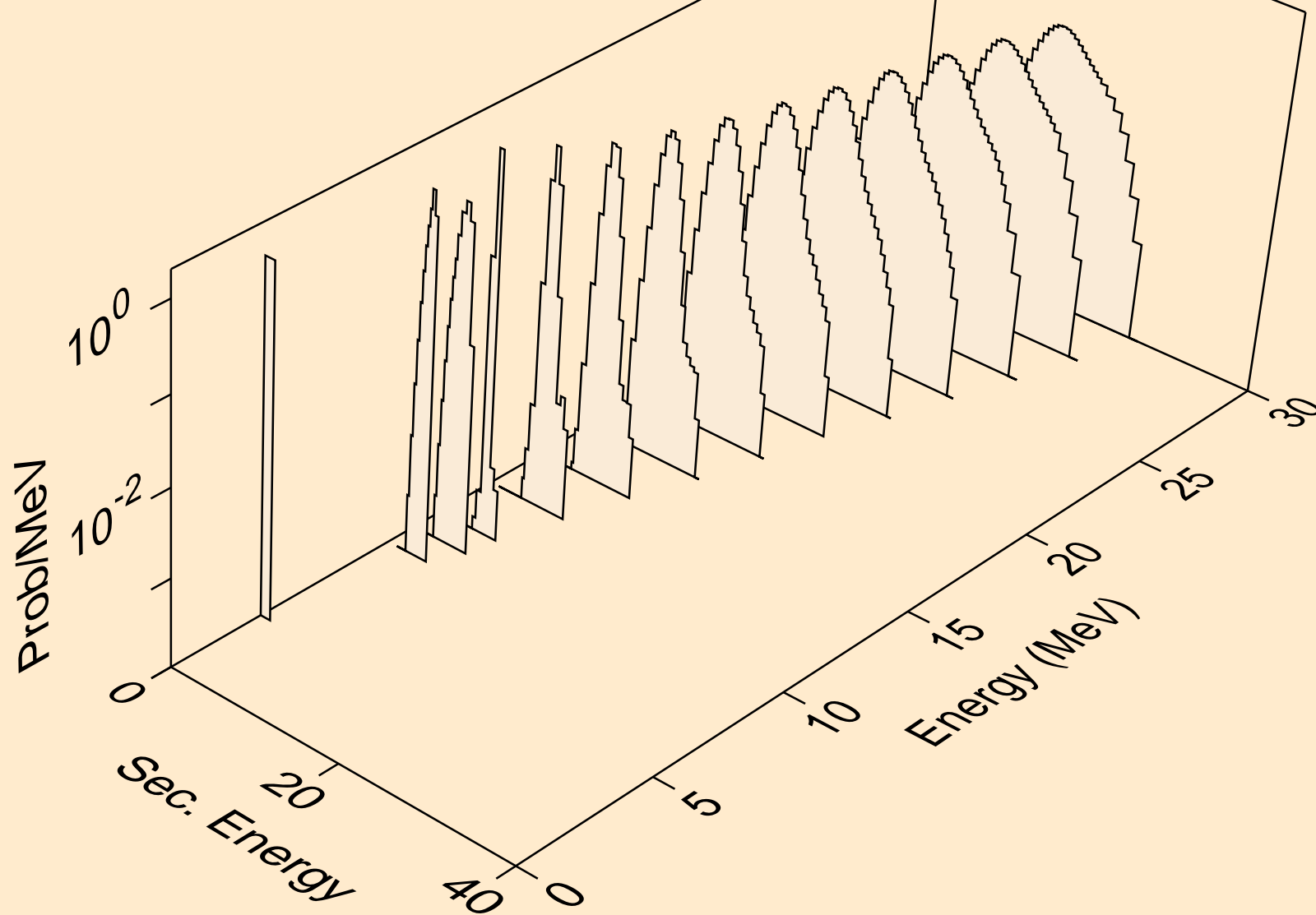
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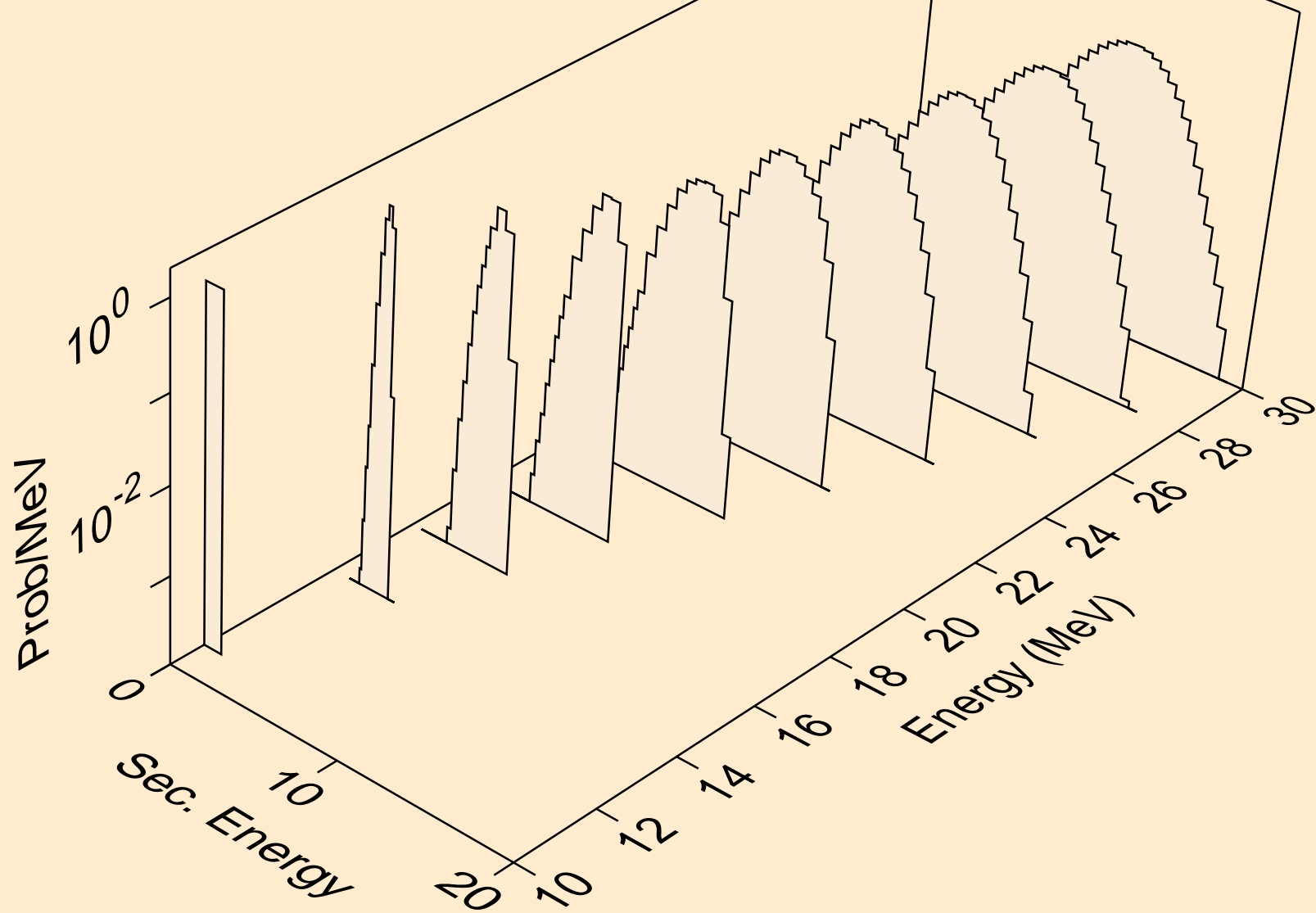
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



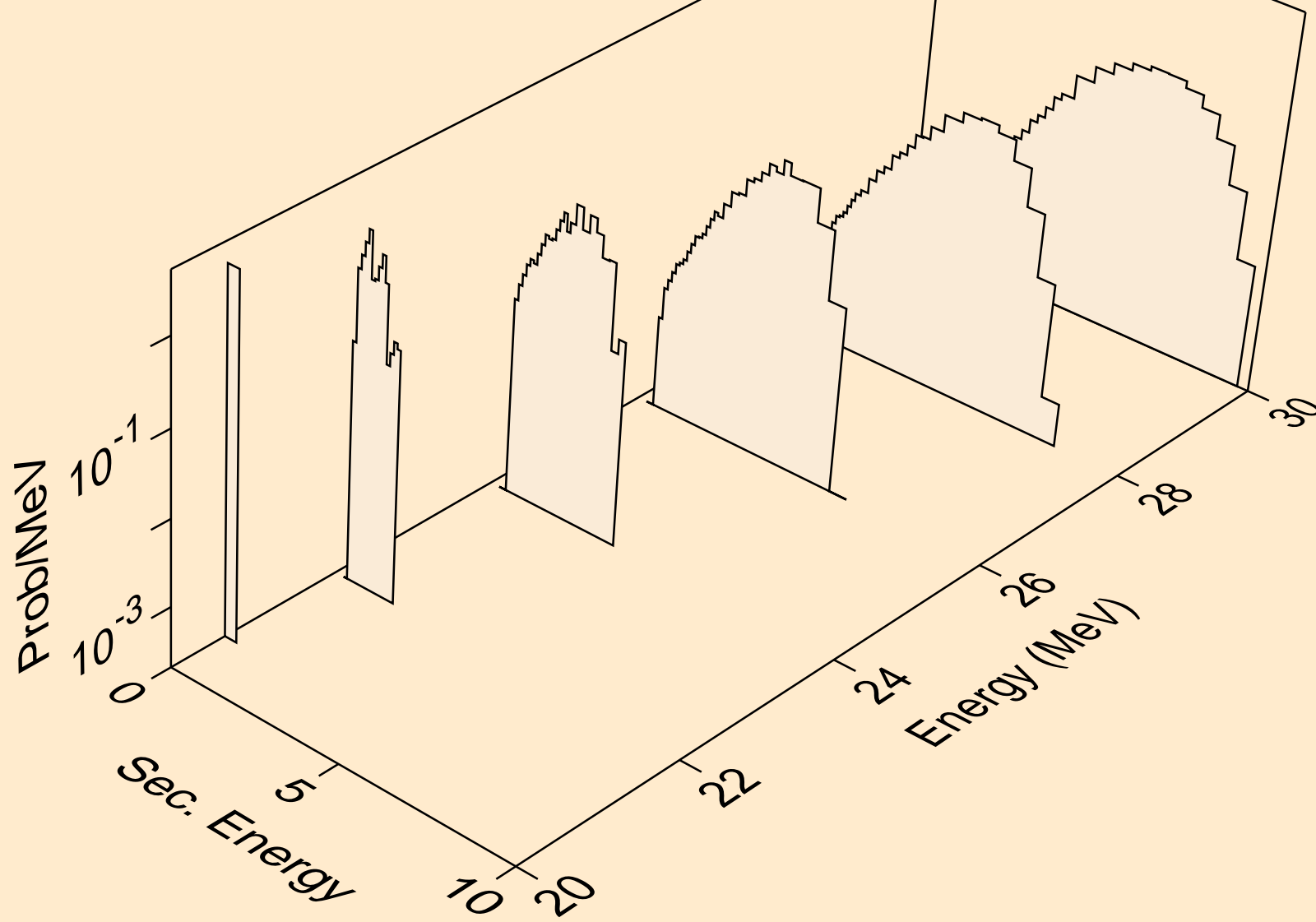
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



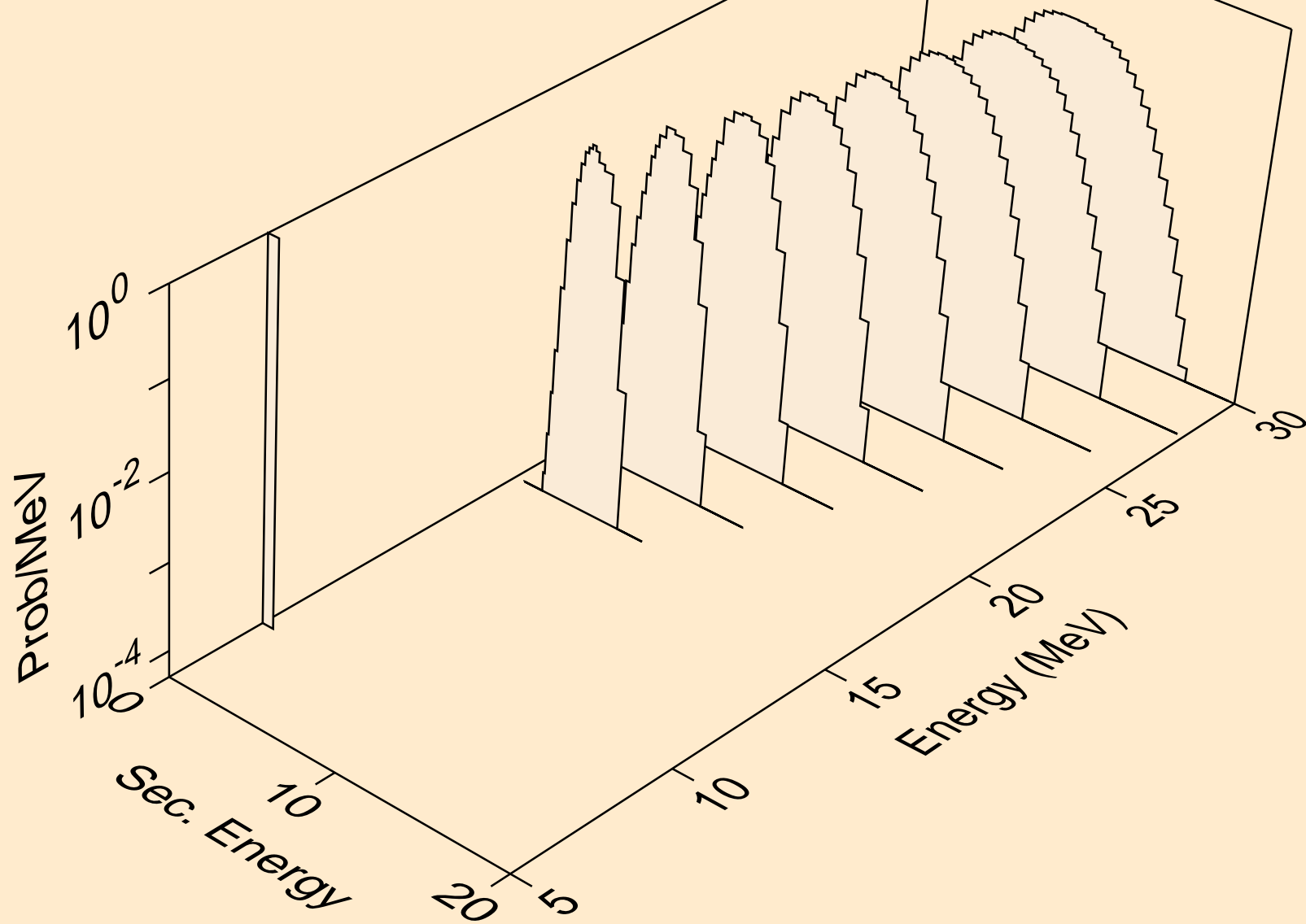
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protons from (s,2np)



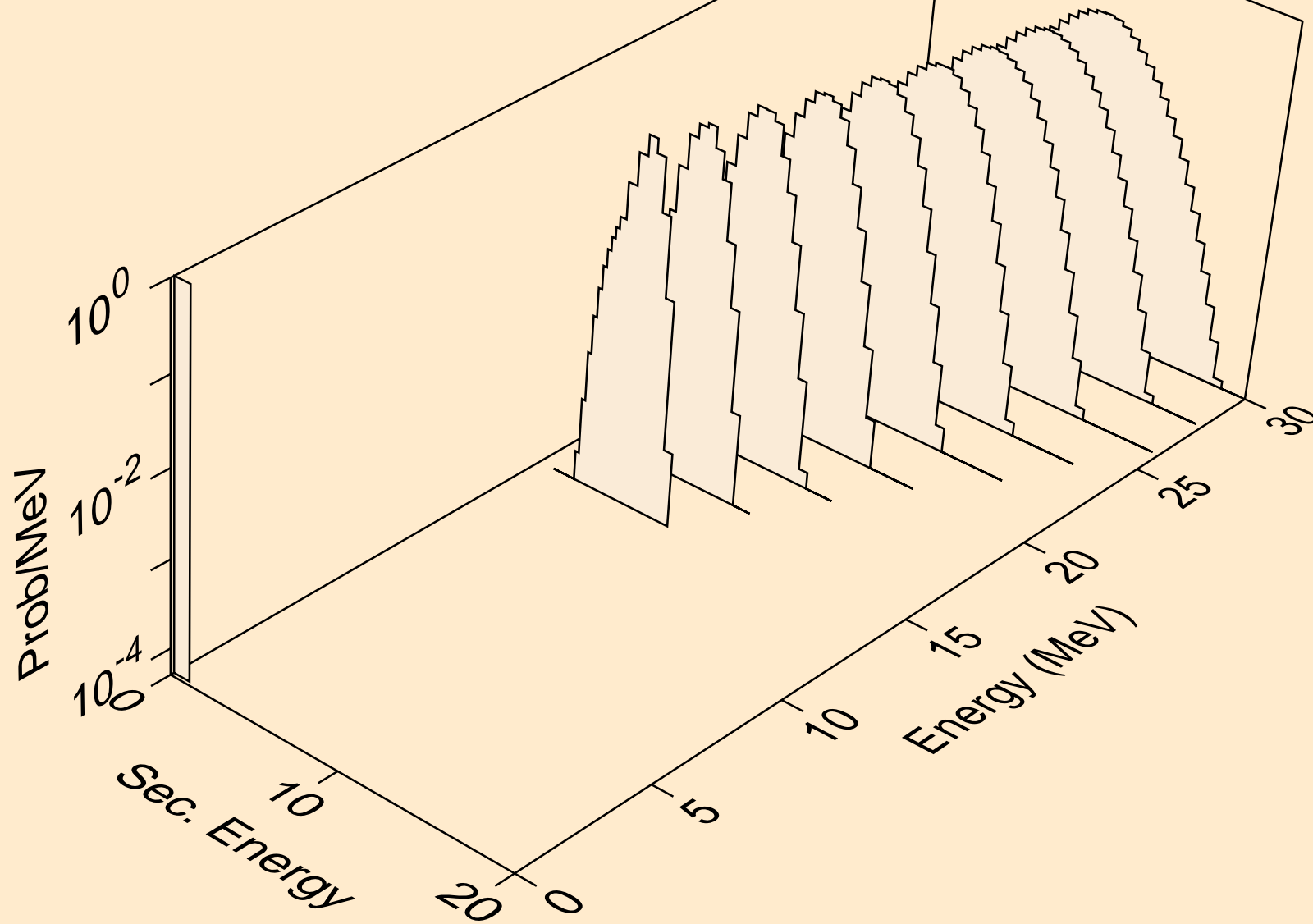
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

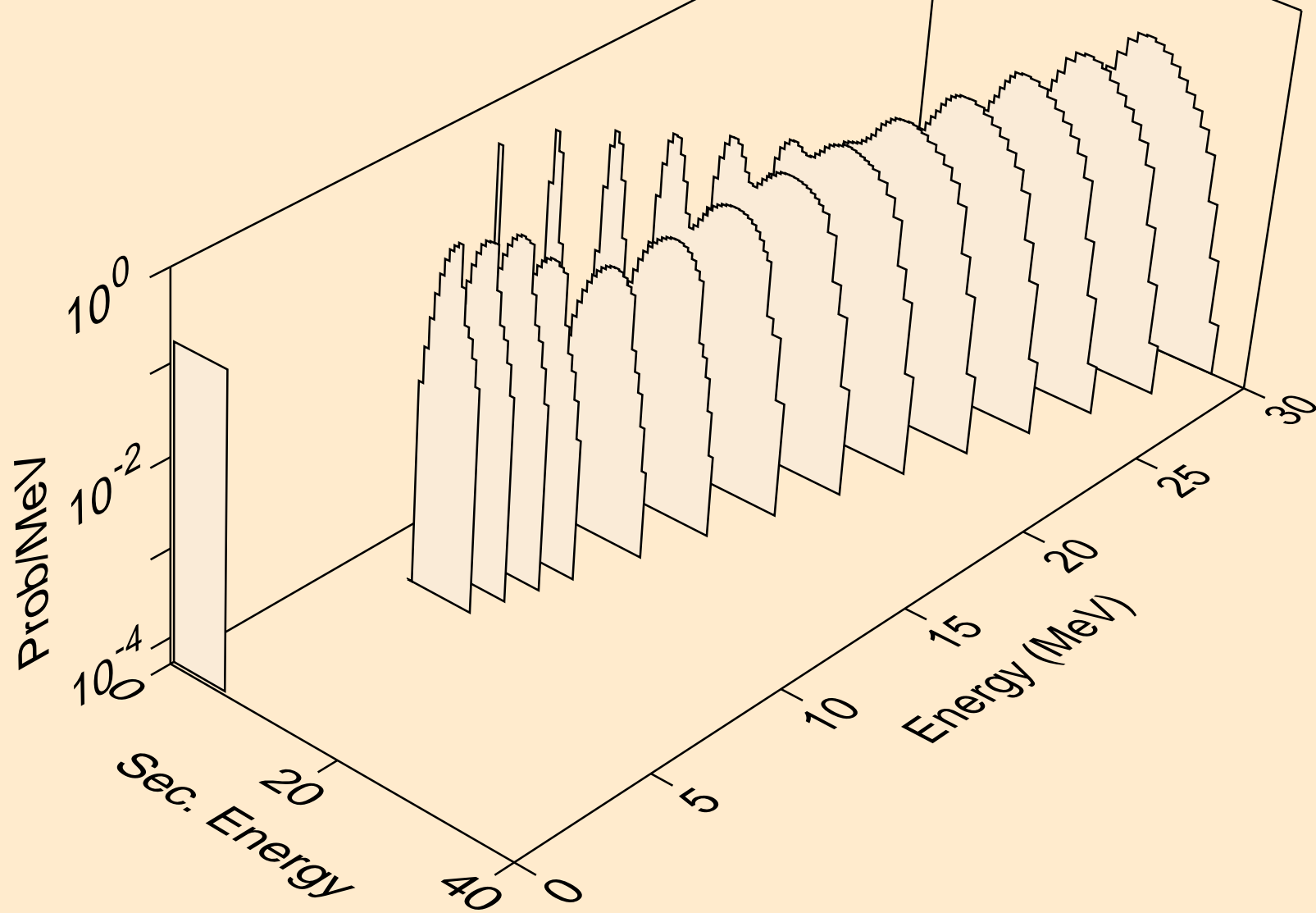


TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)

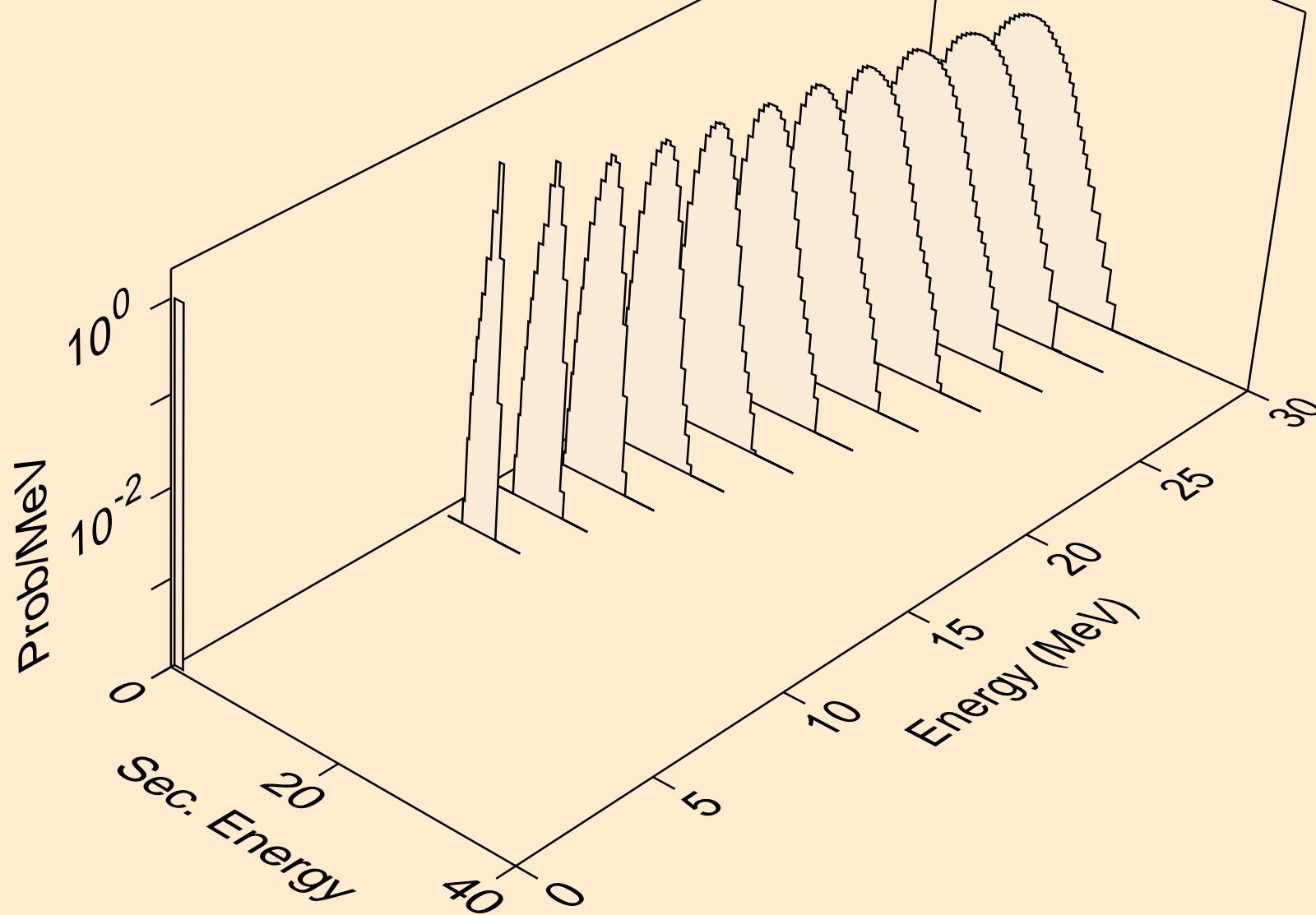




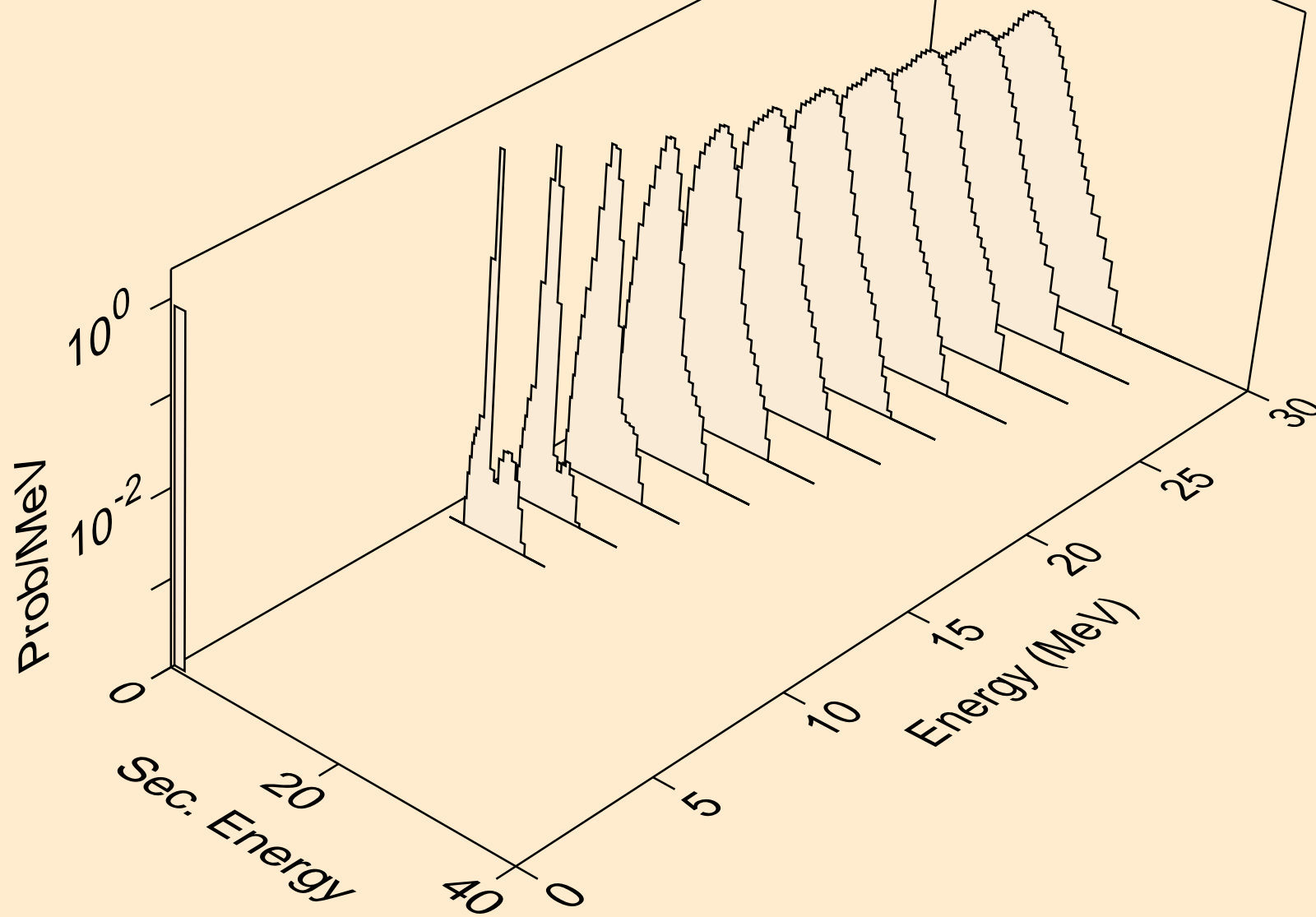
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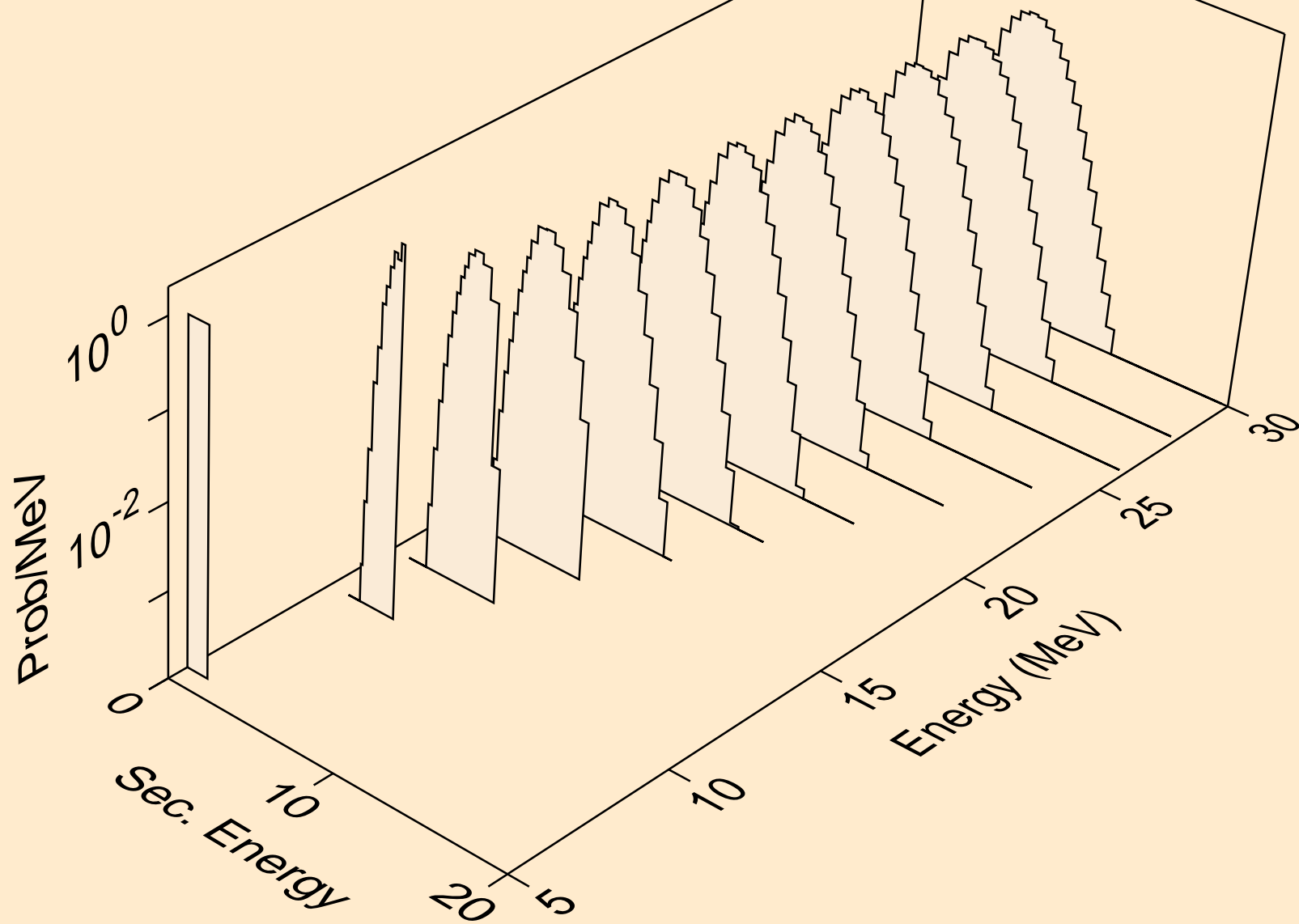
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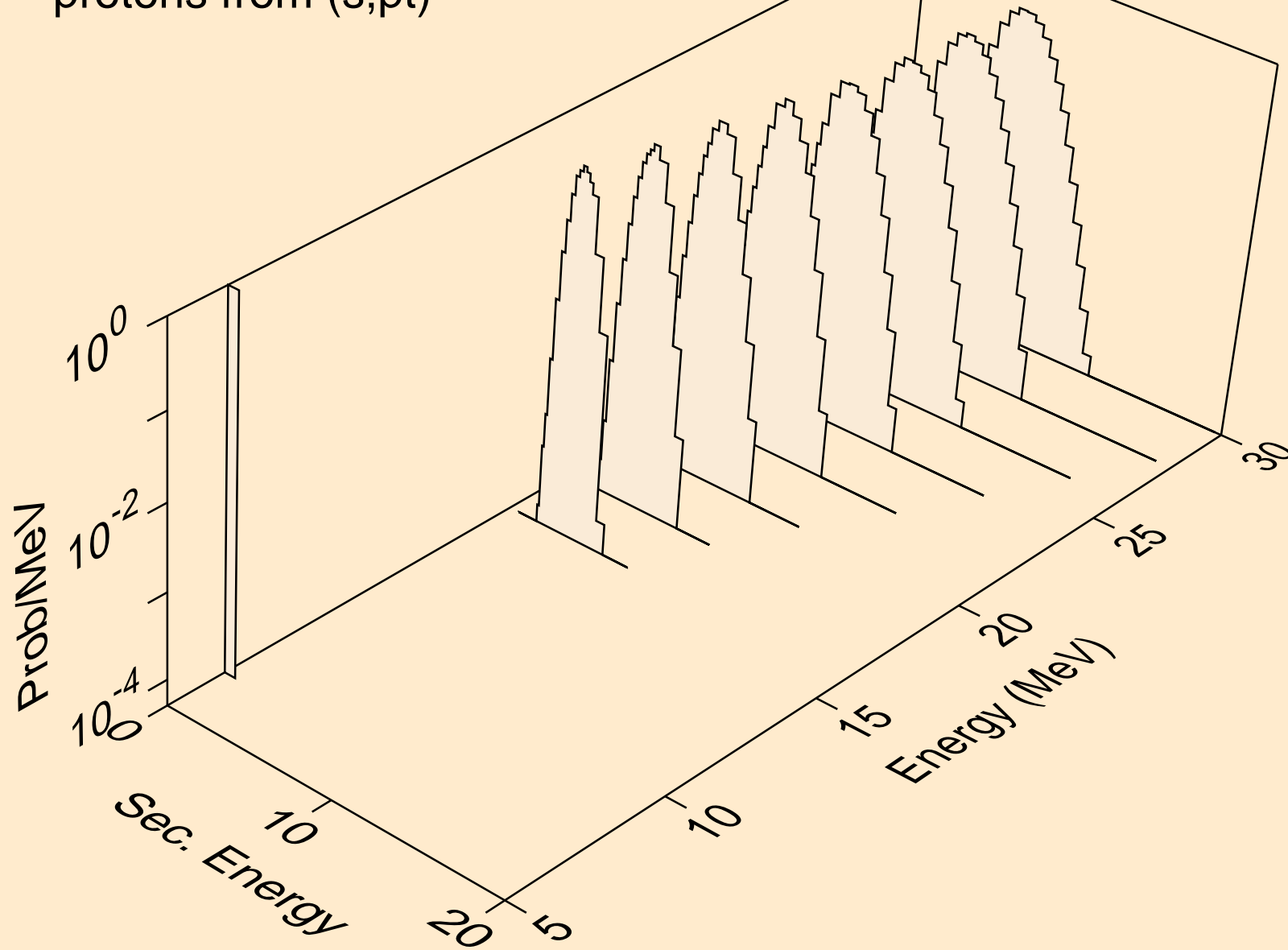
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protons from (s,pa)



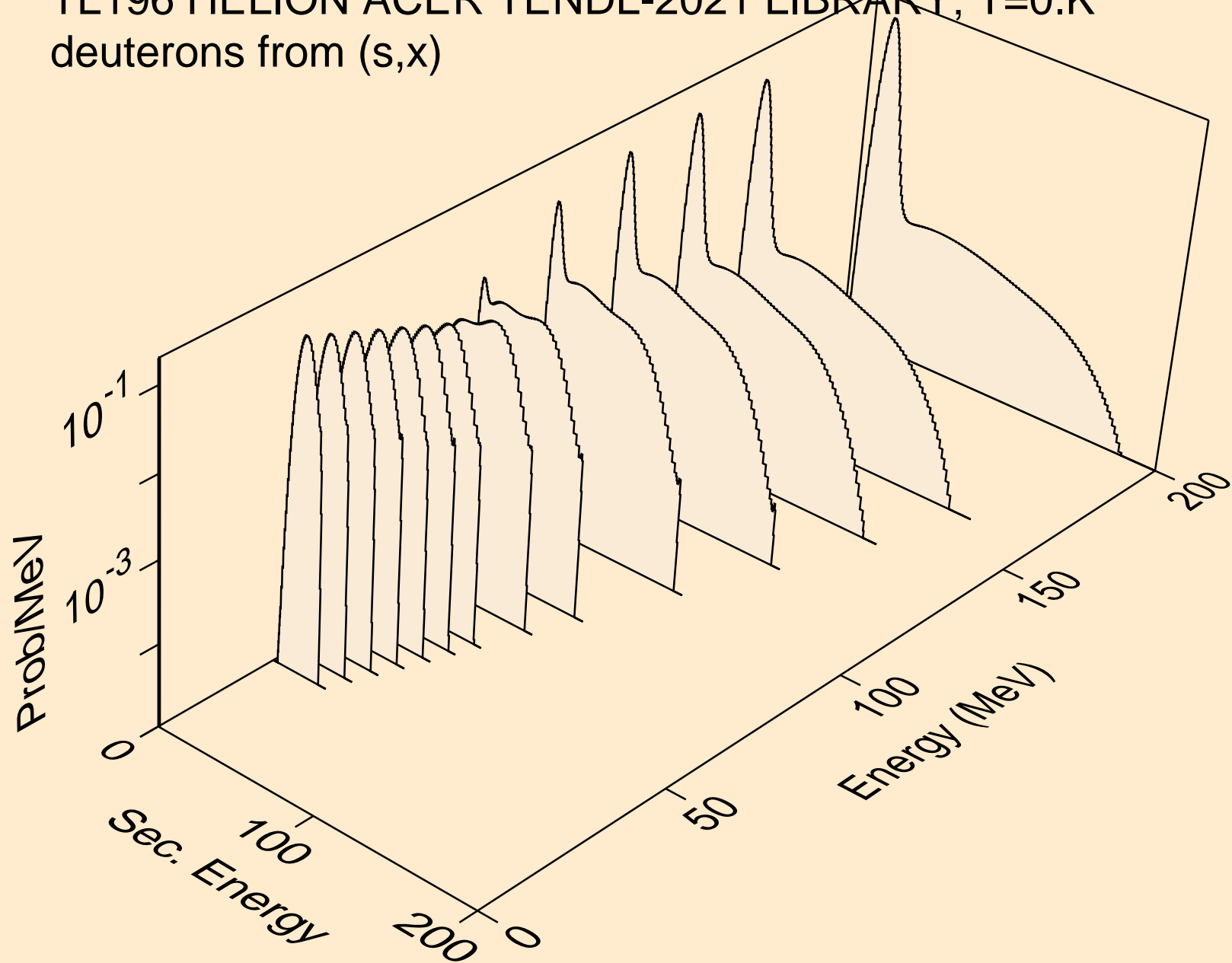
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protons from (s,pd)



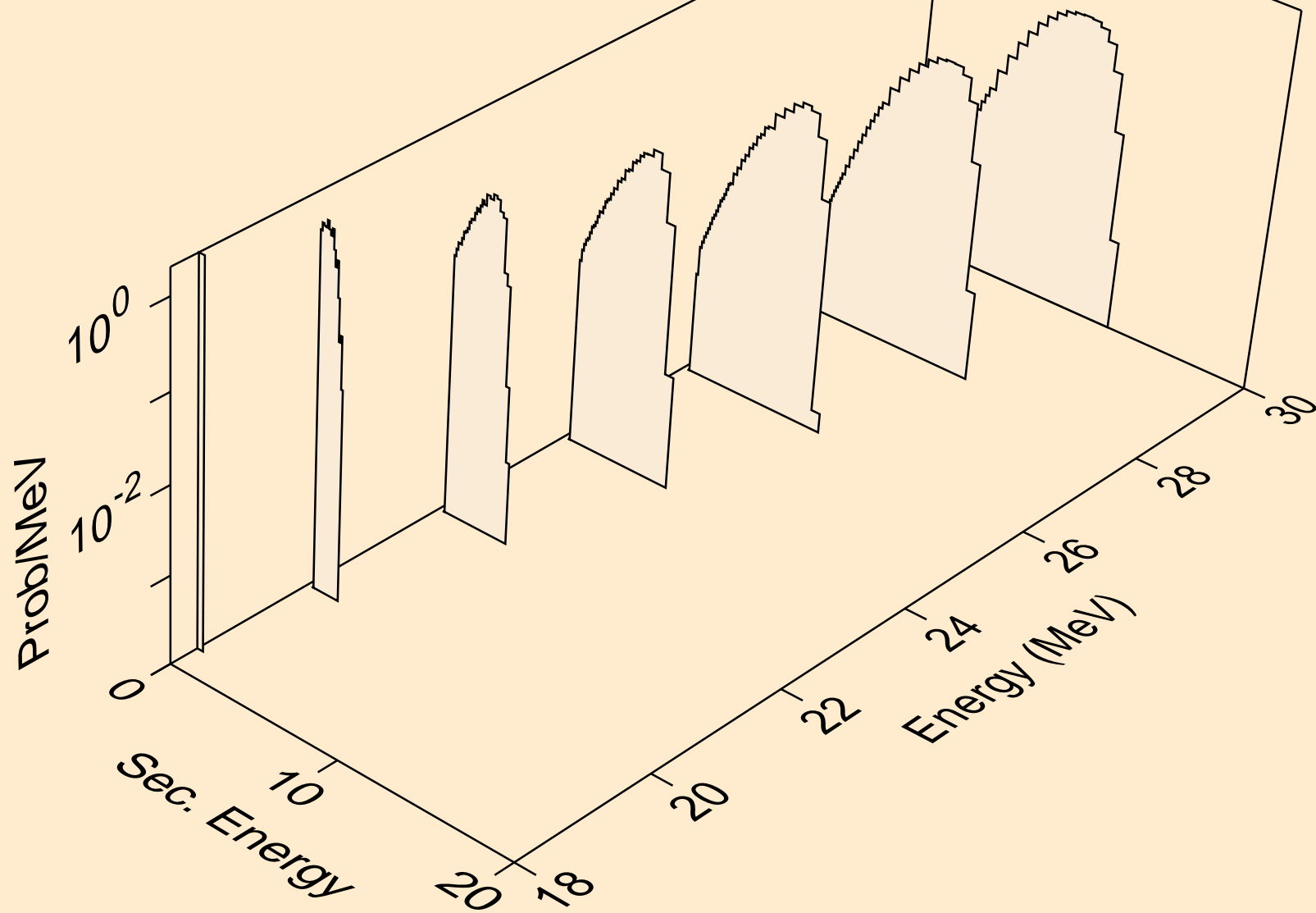
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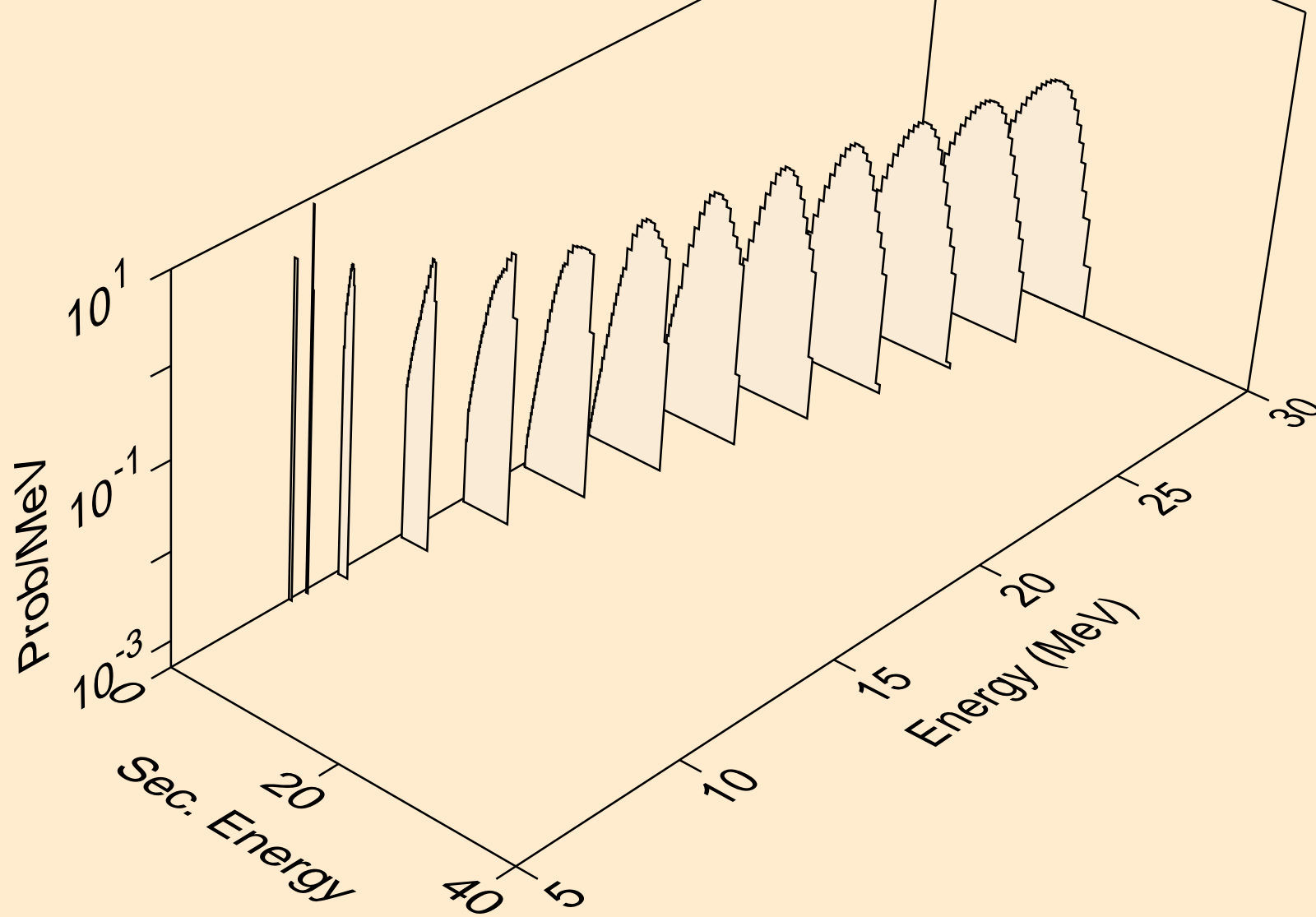
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)

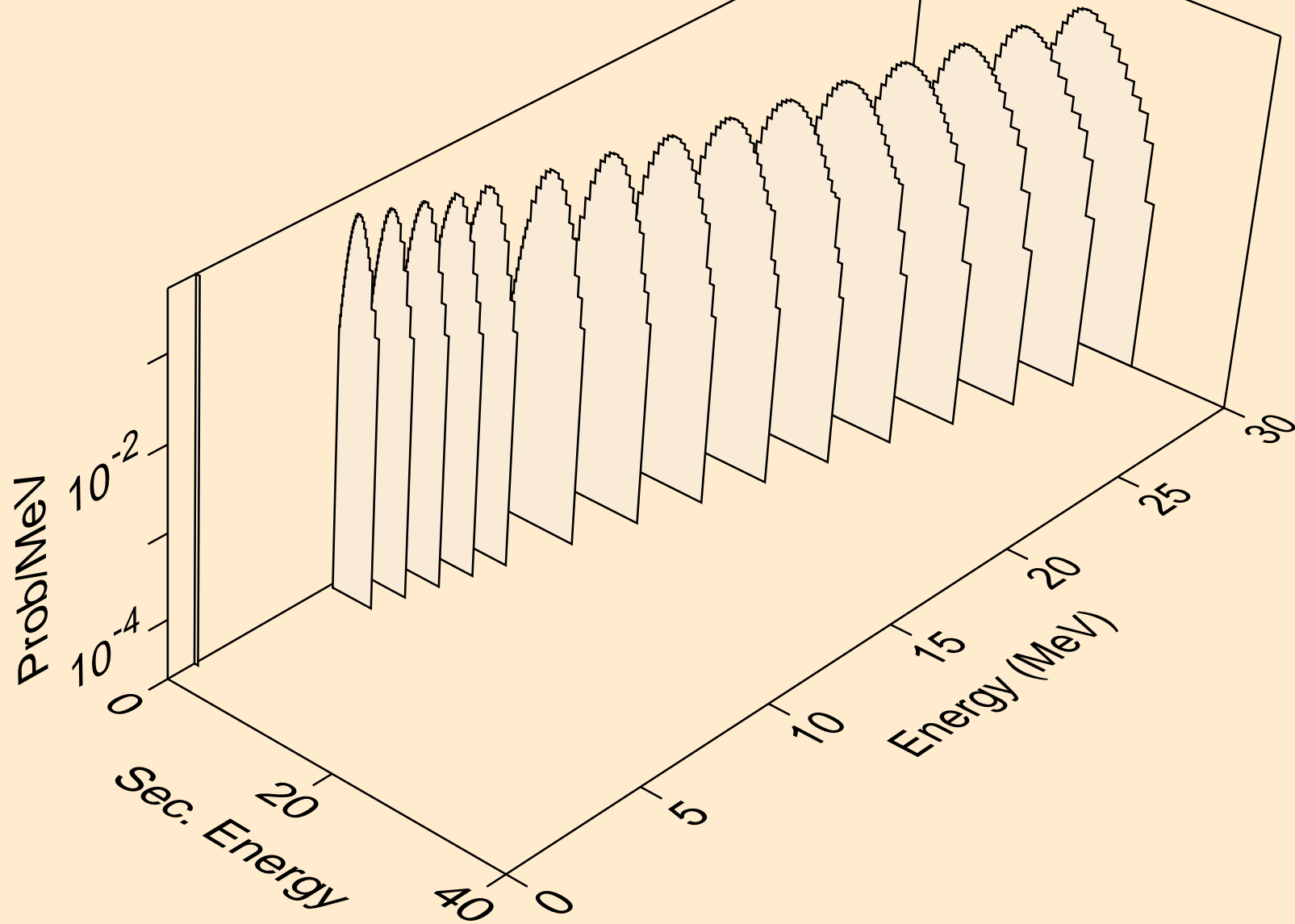


TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d

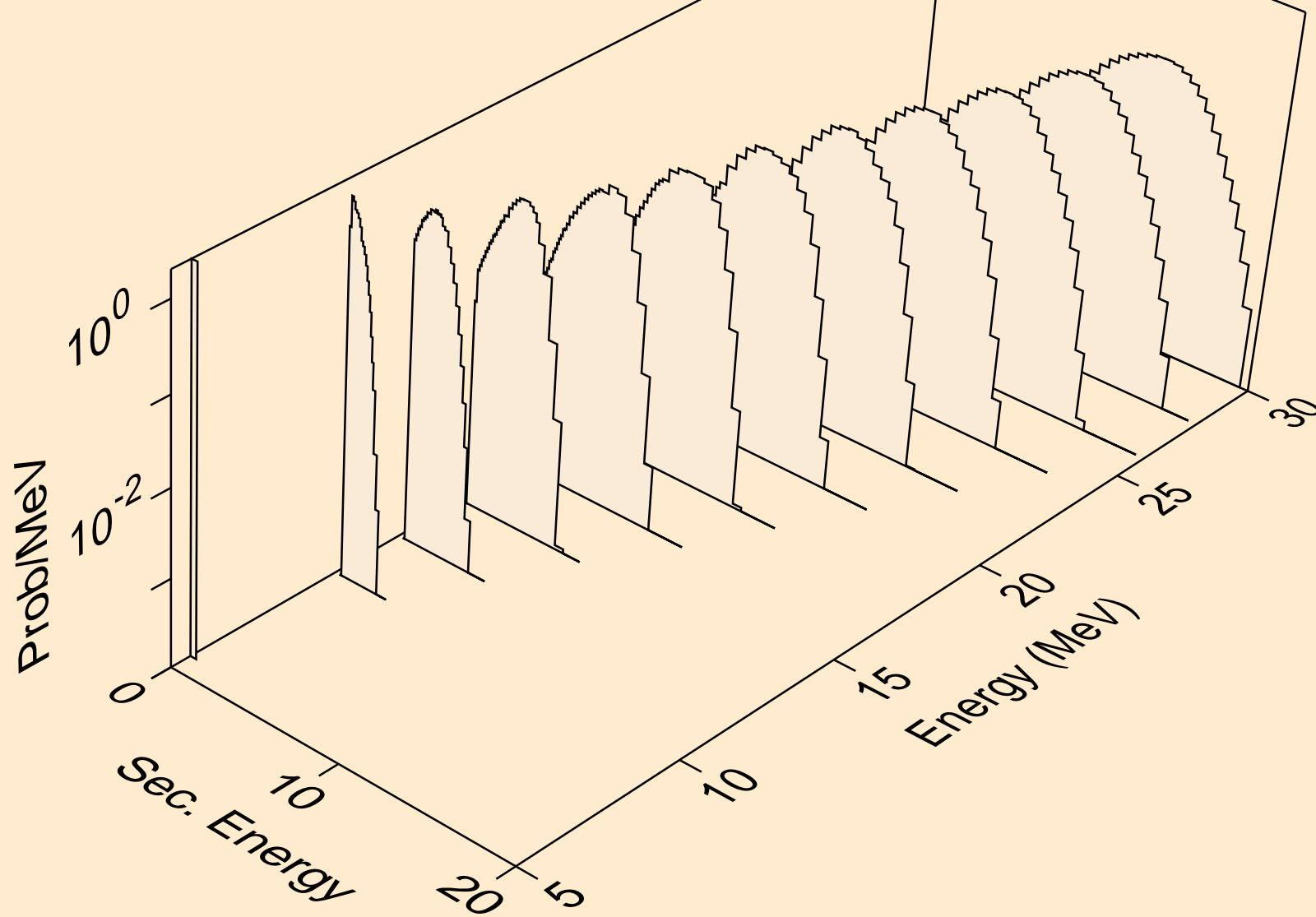




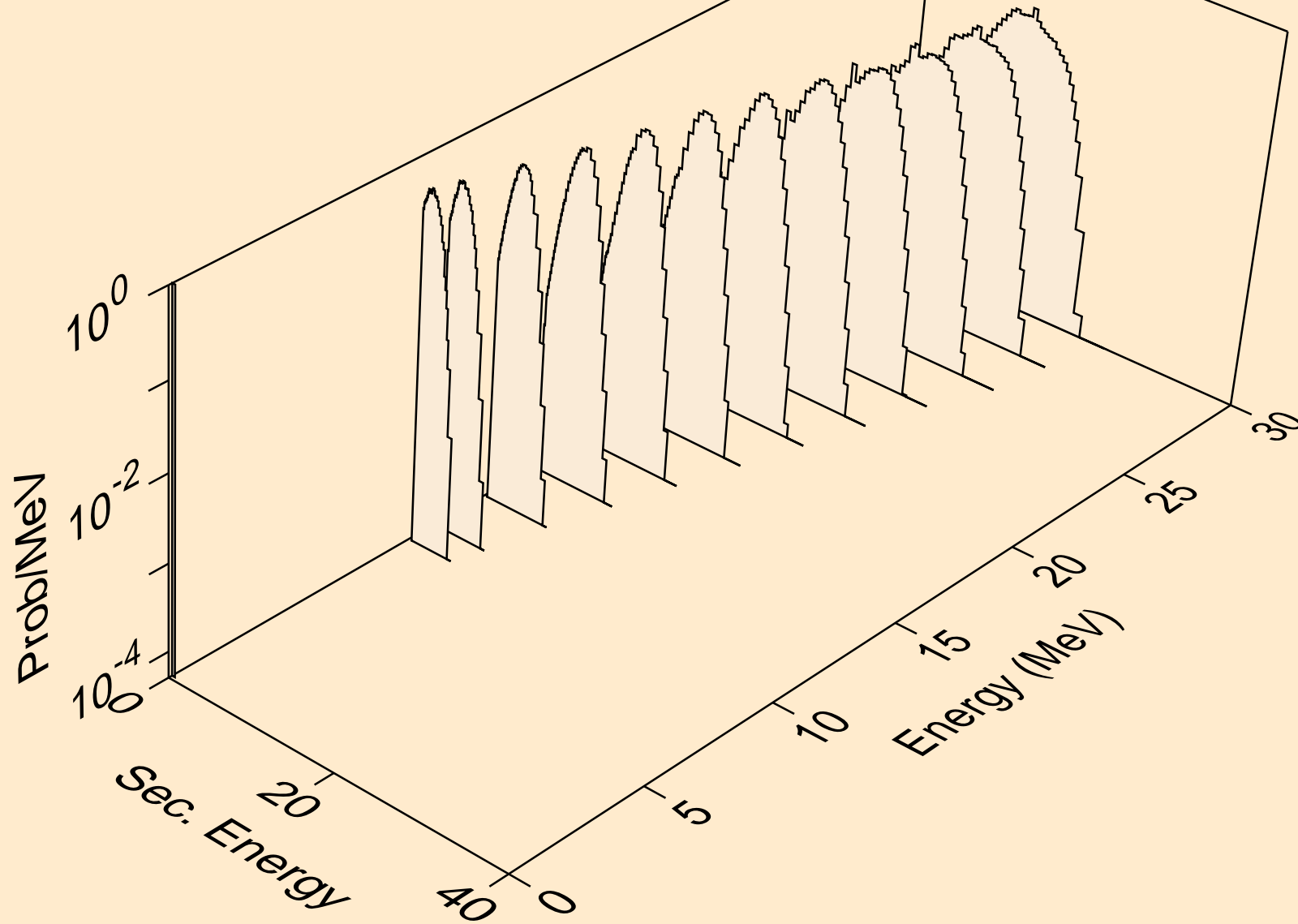
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



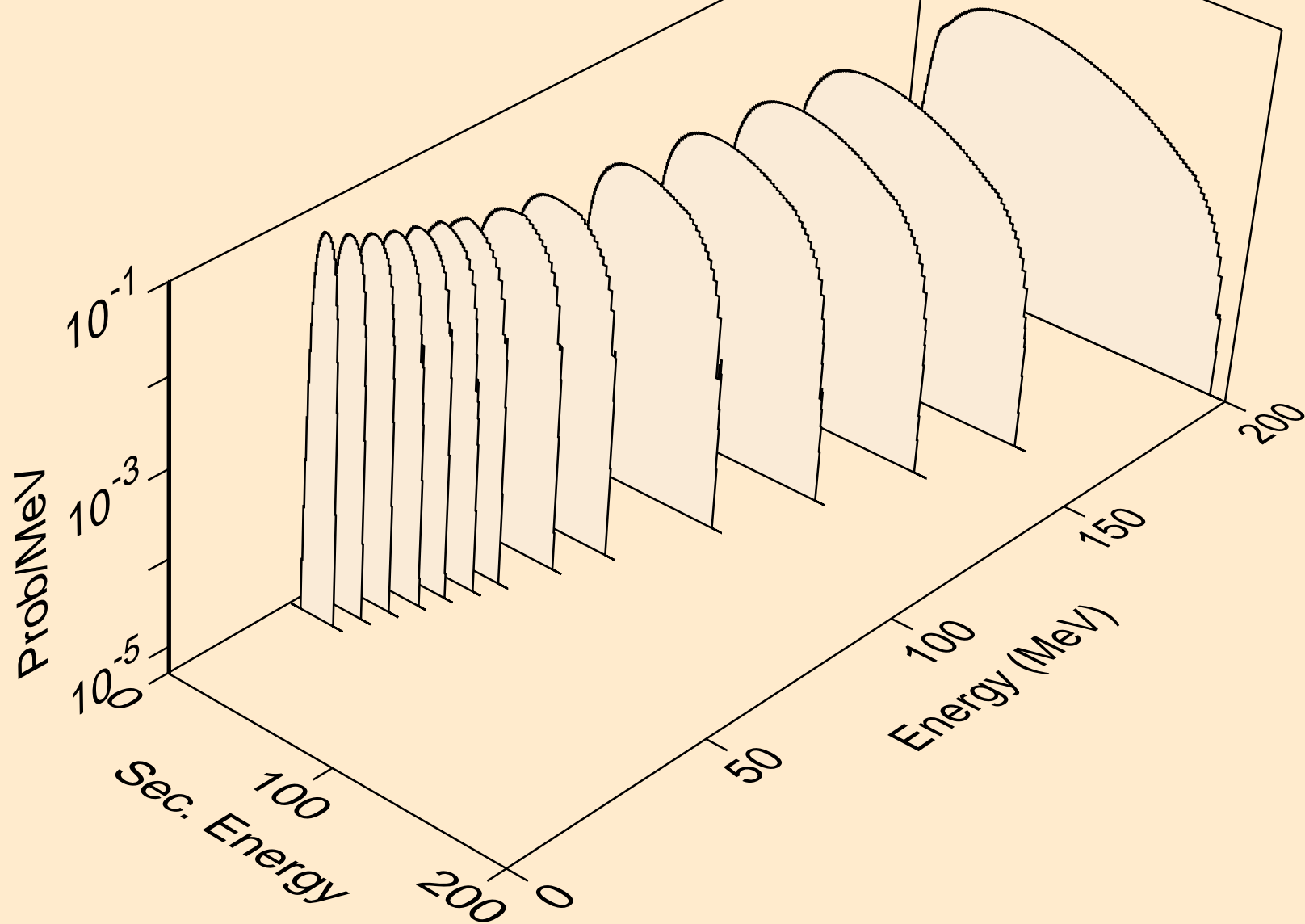
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



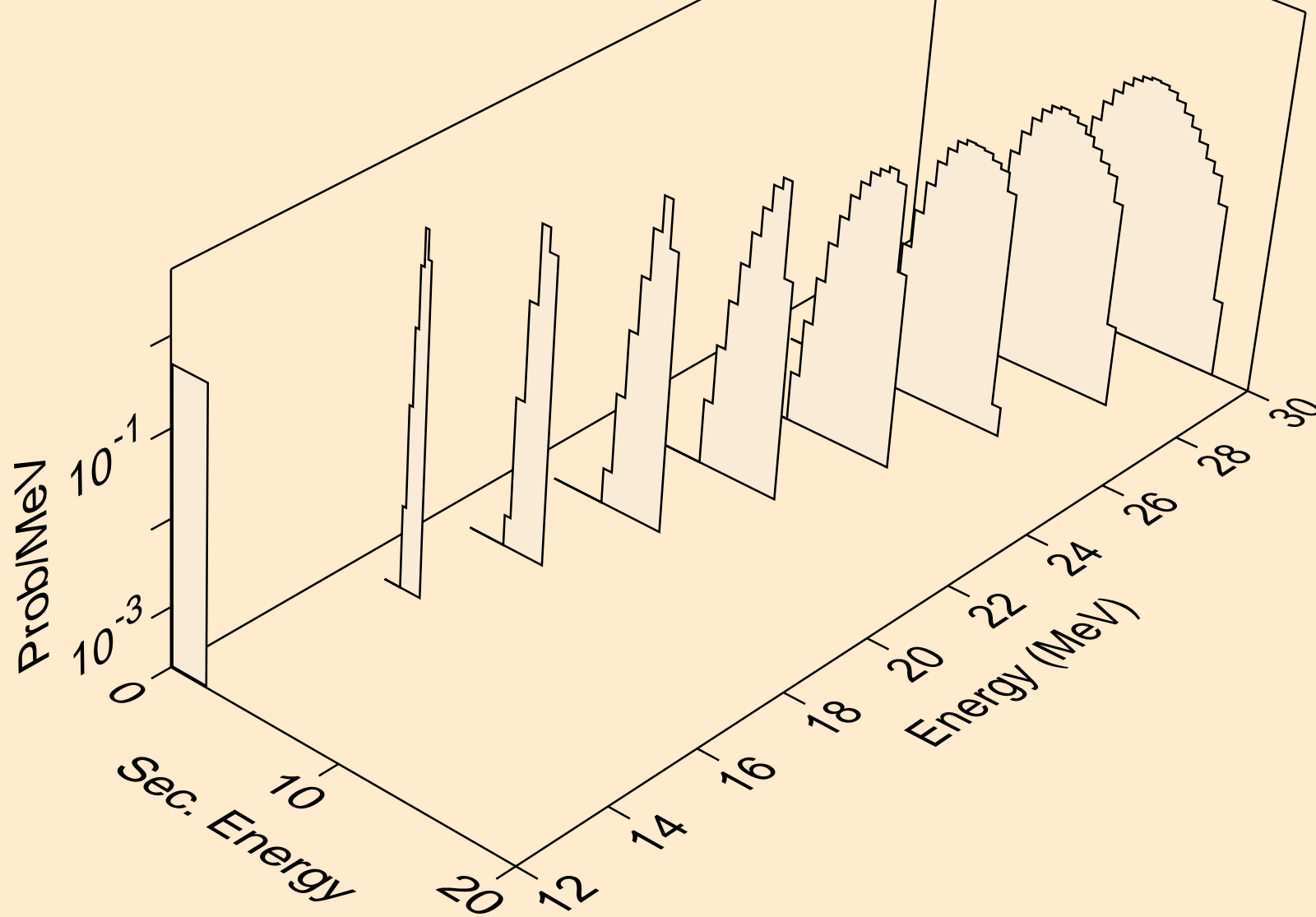
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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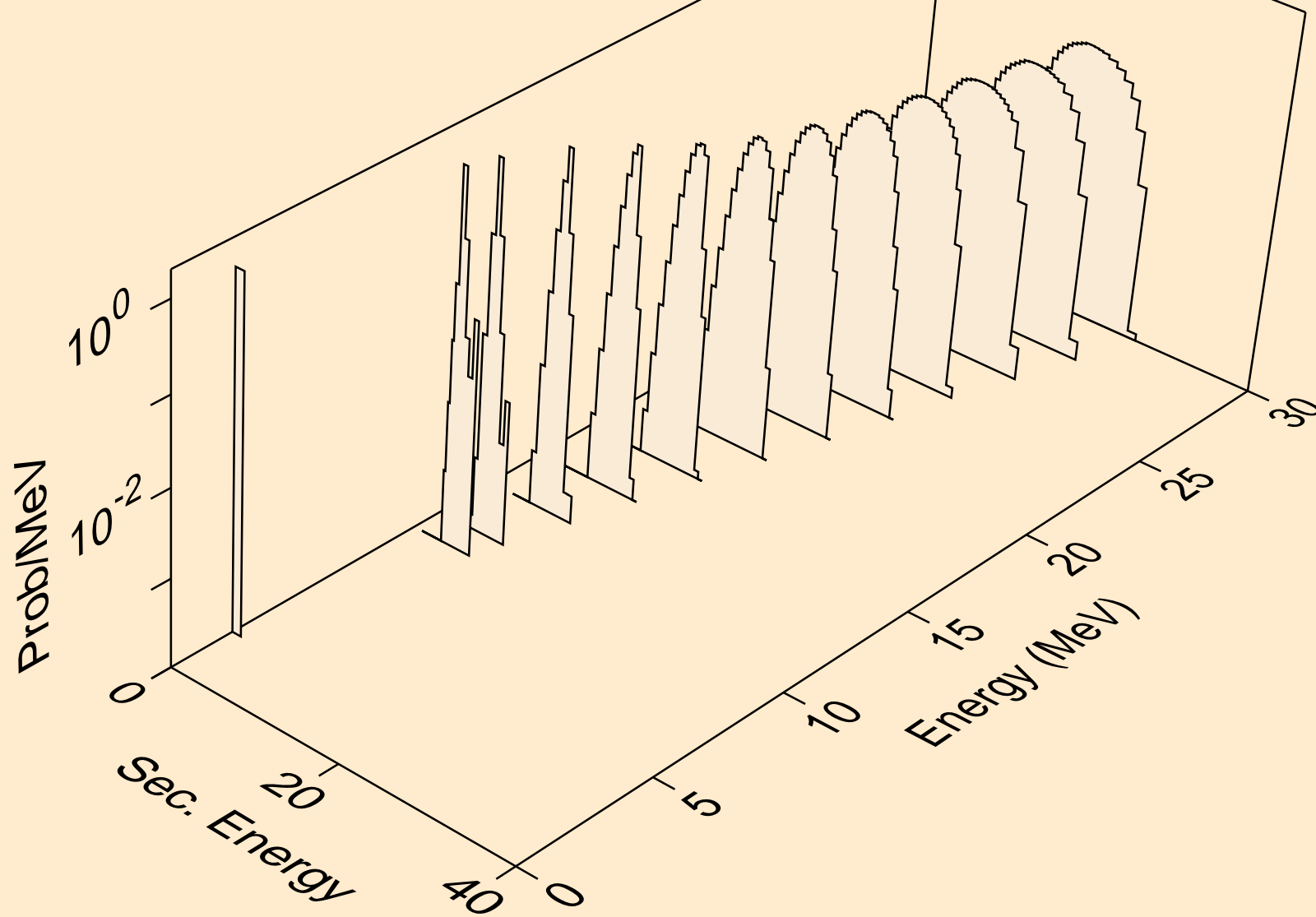
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tritons from (s,x)



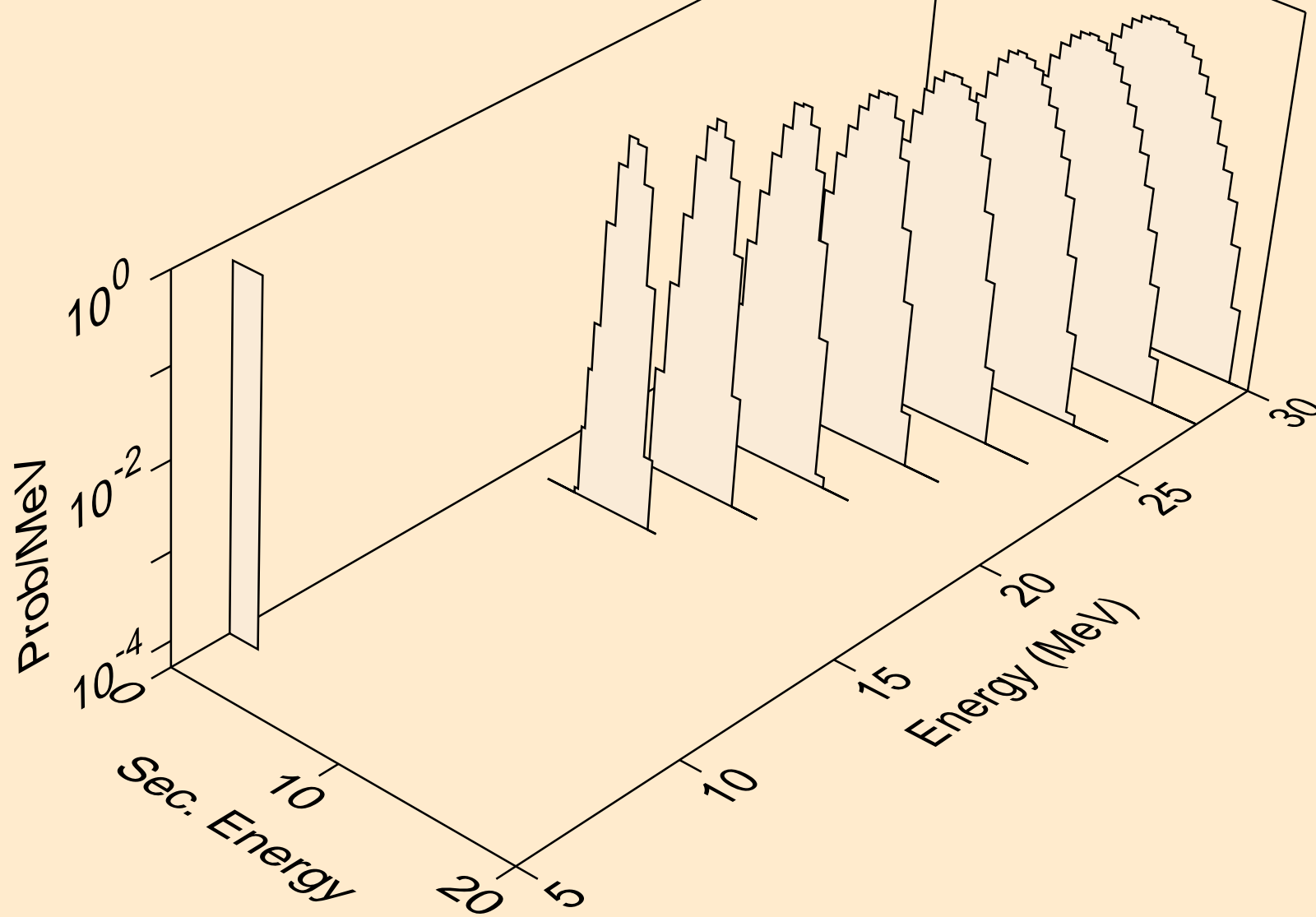
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



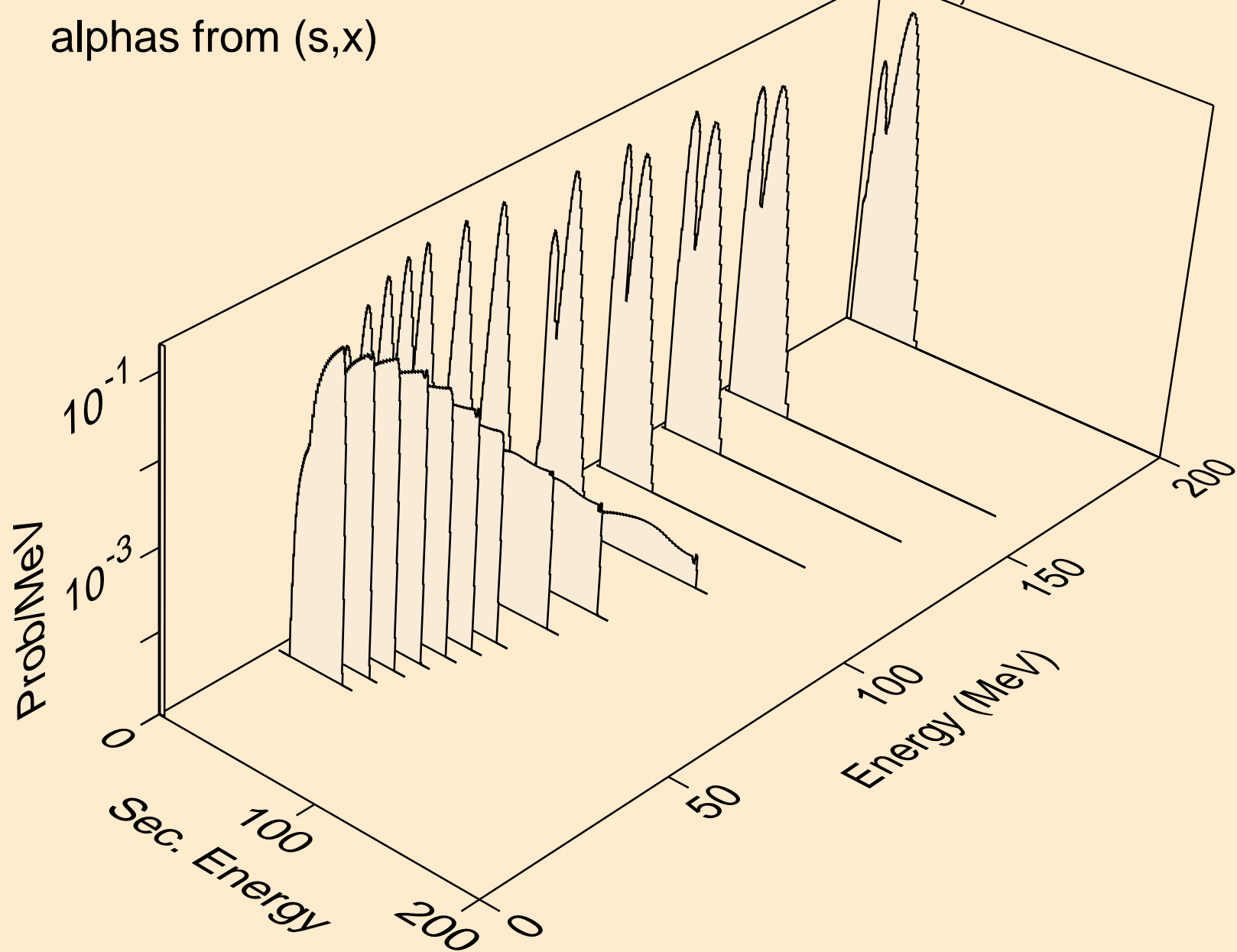
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)

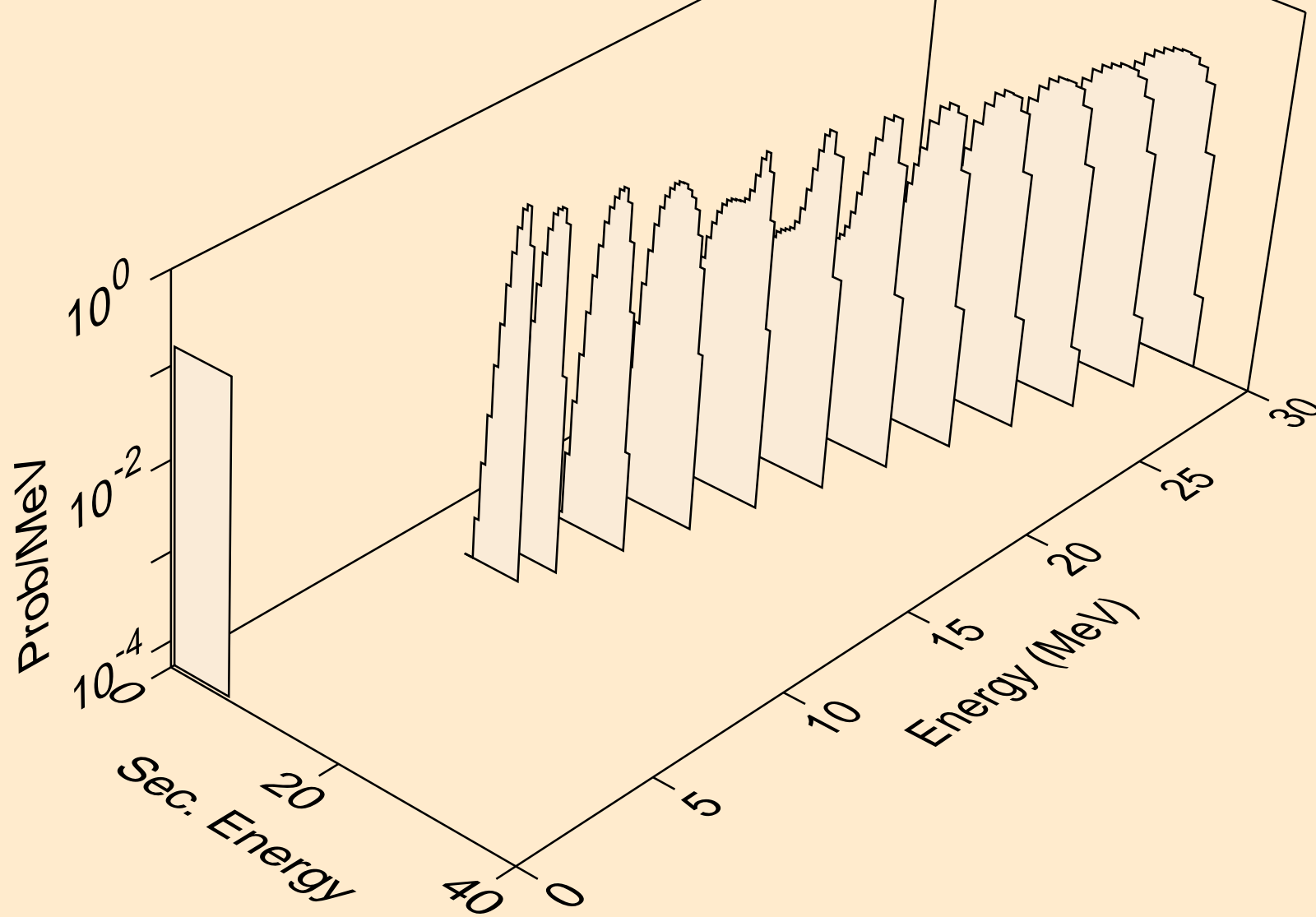


TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

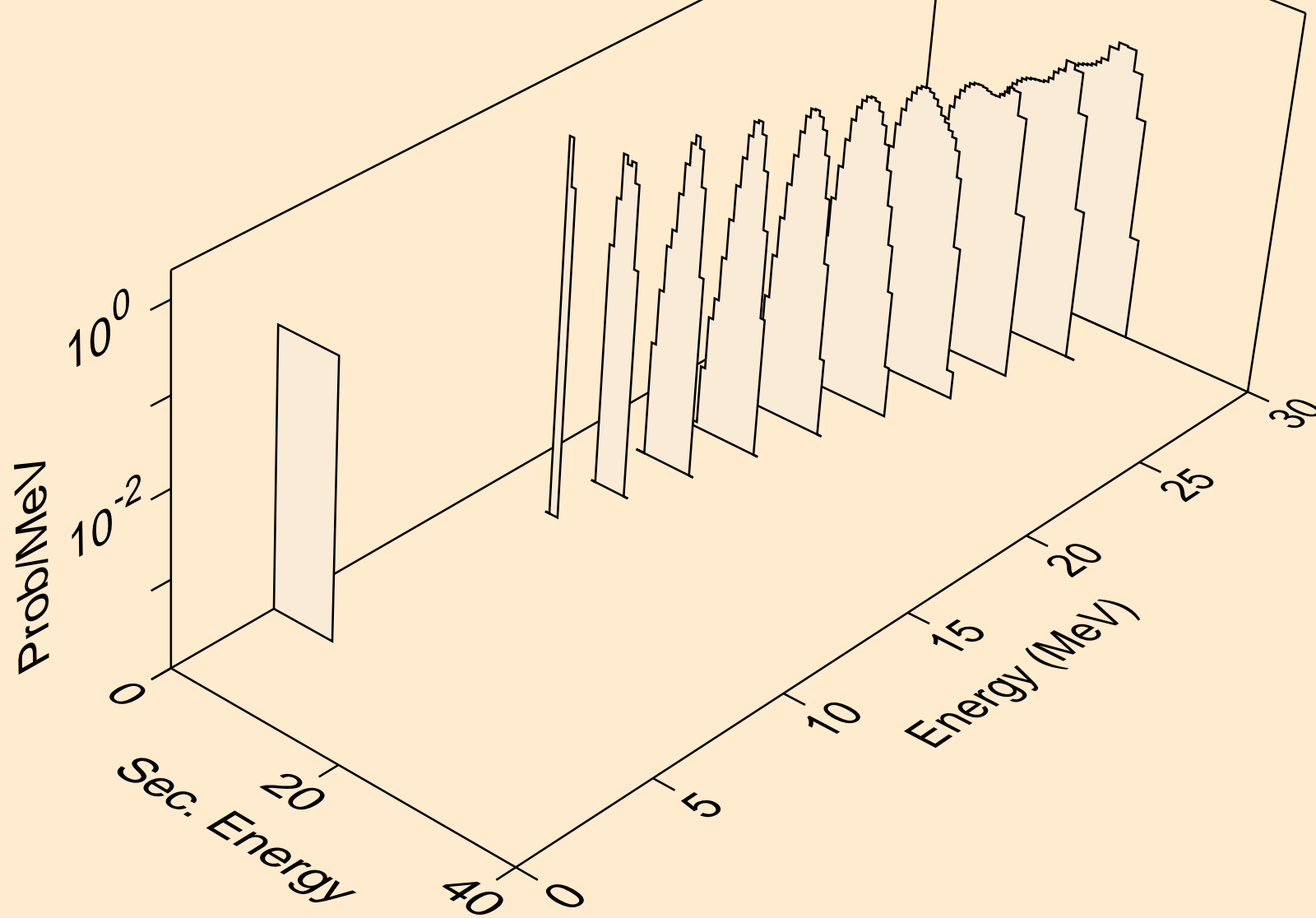




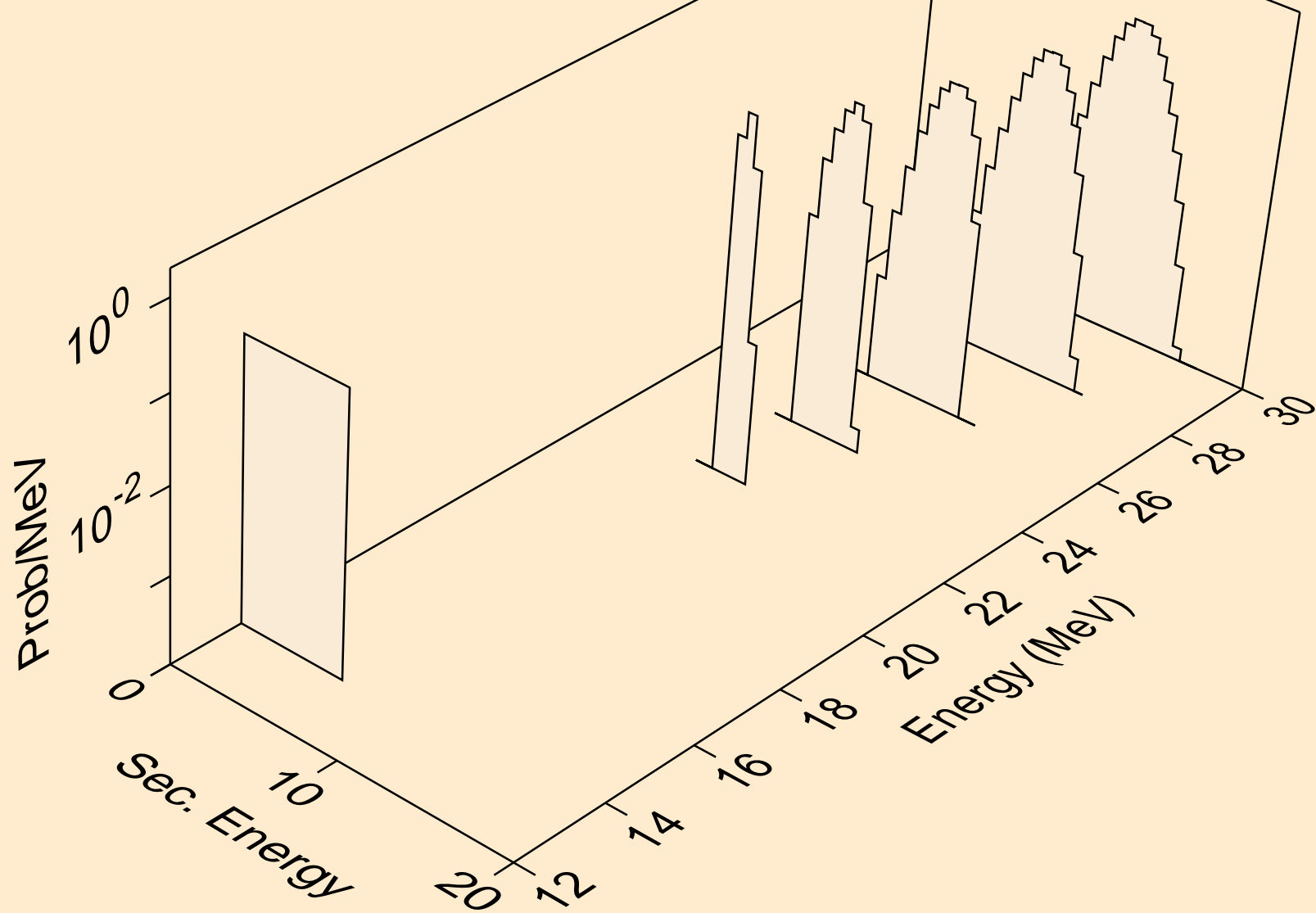
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



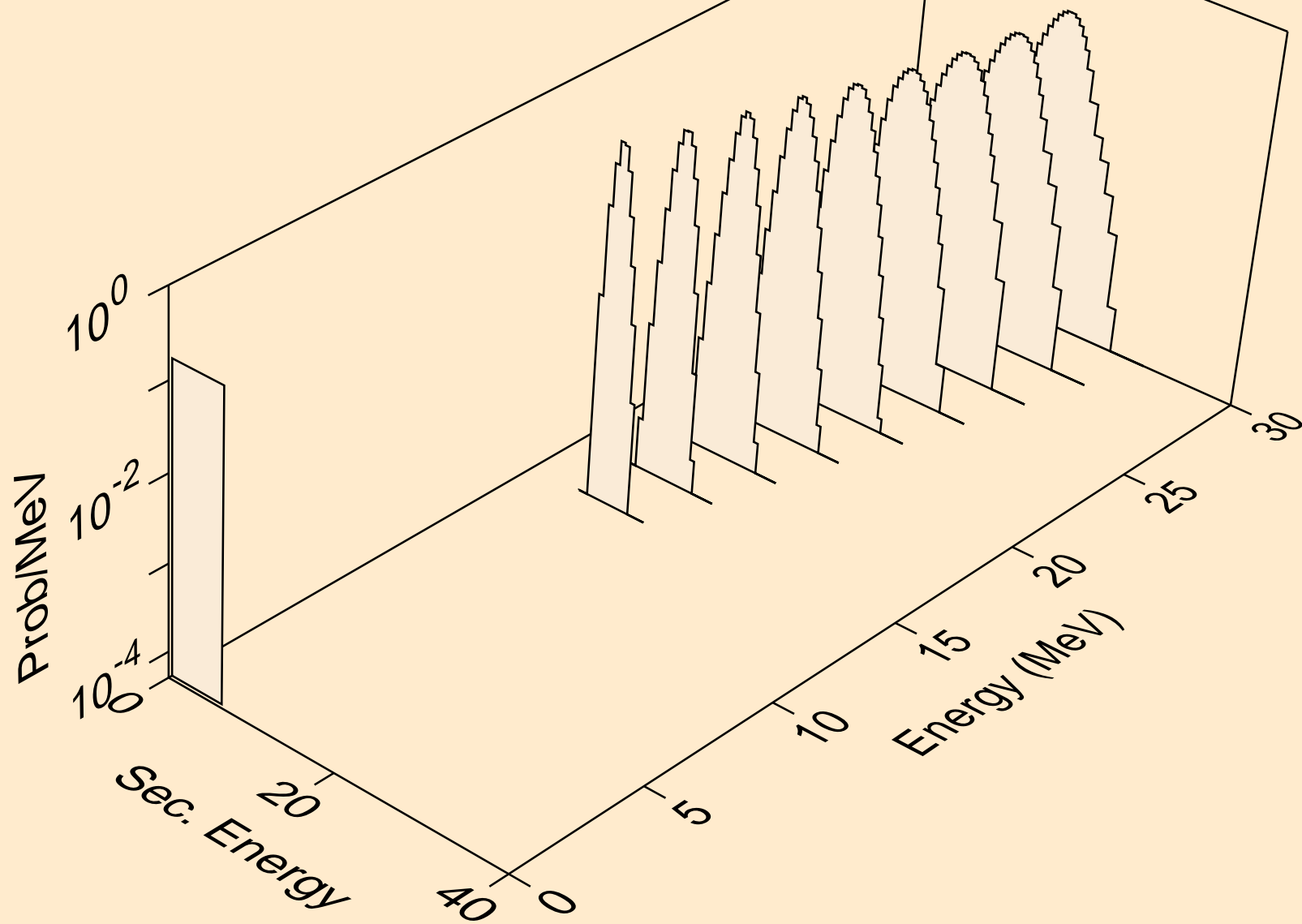
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



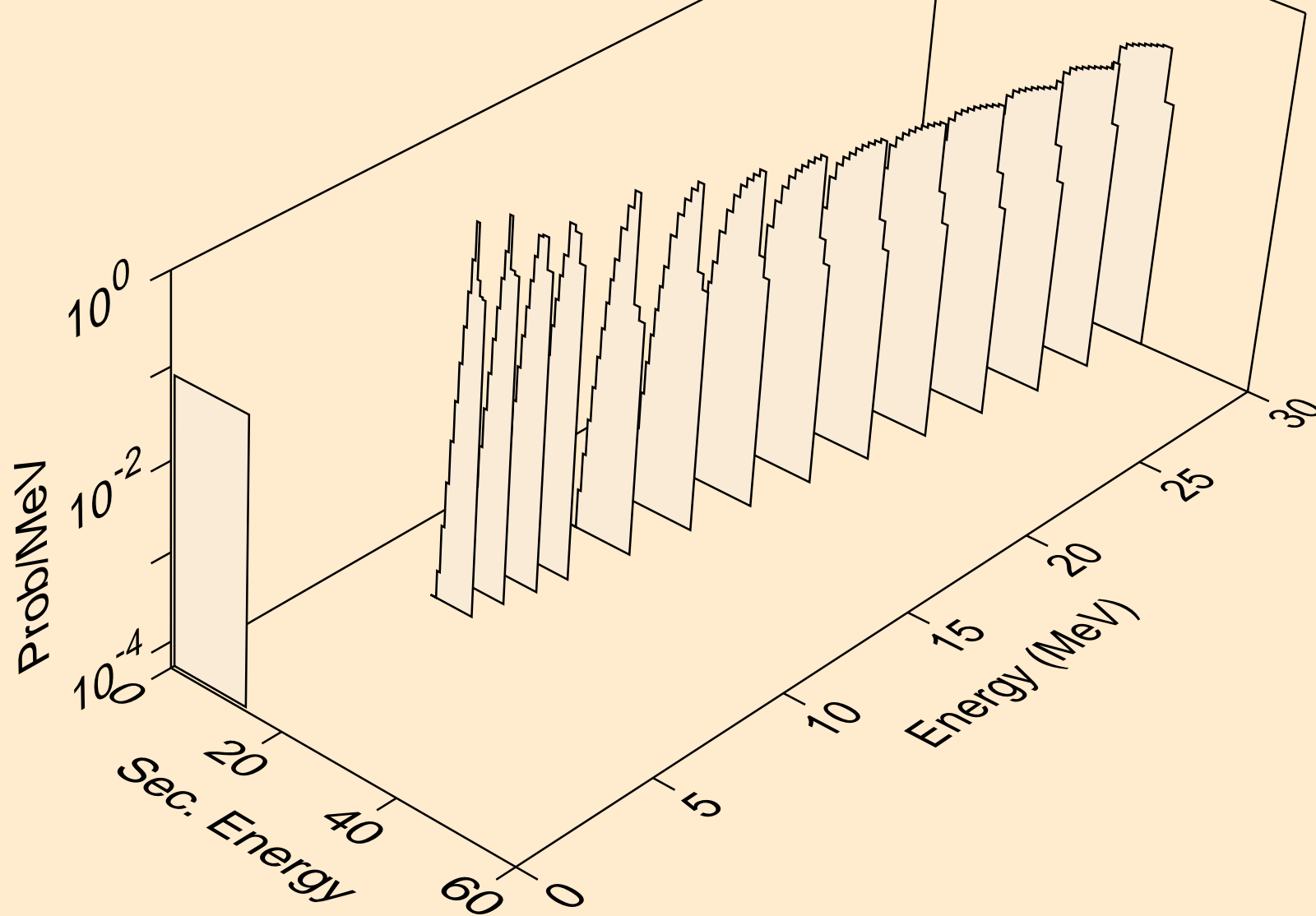
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



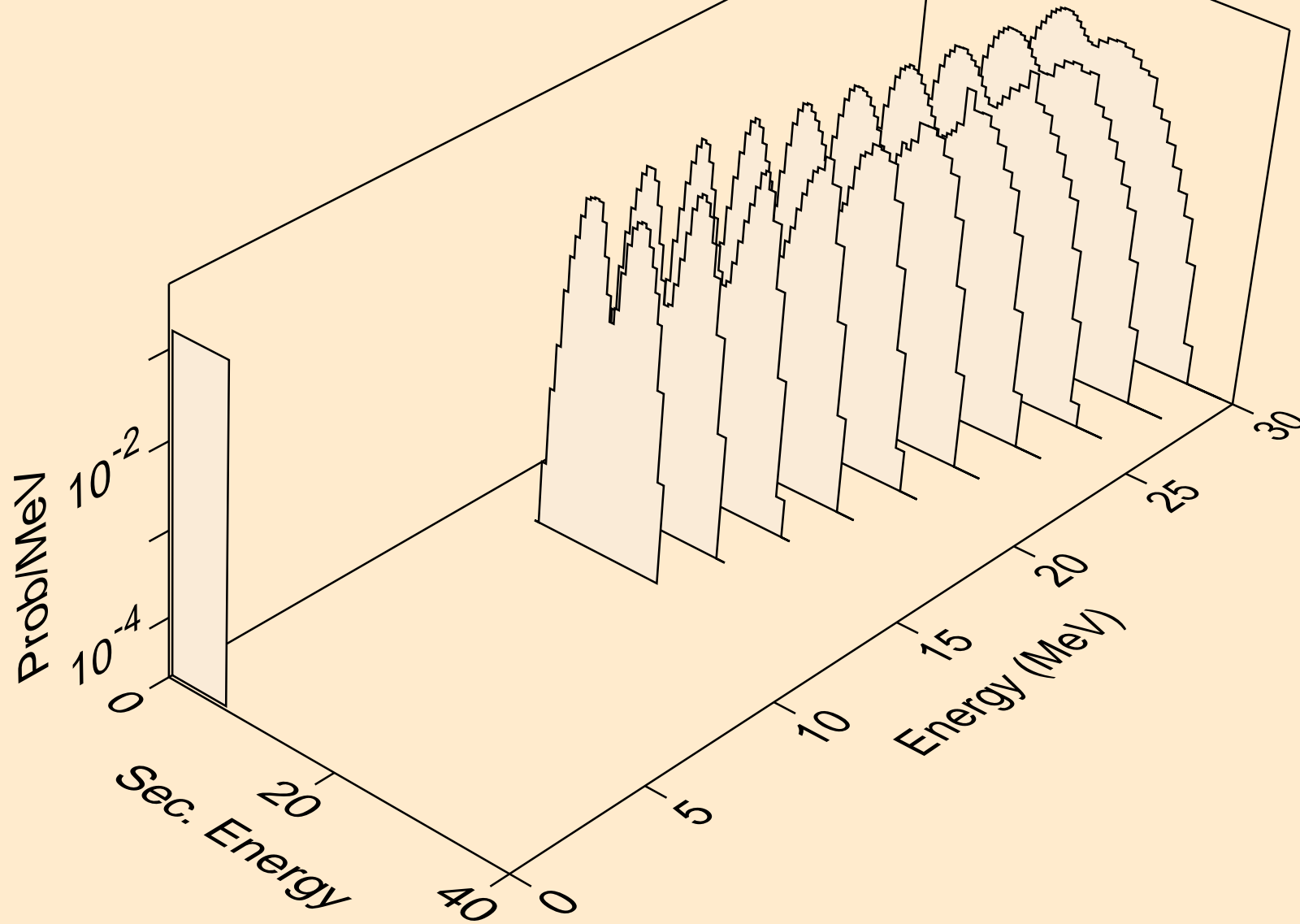
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



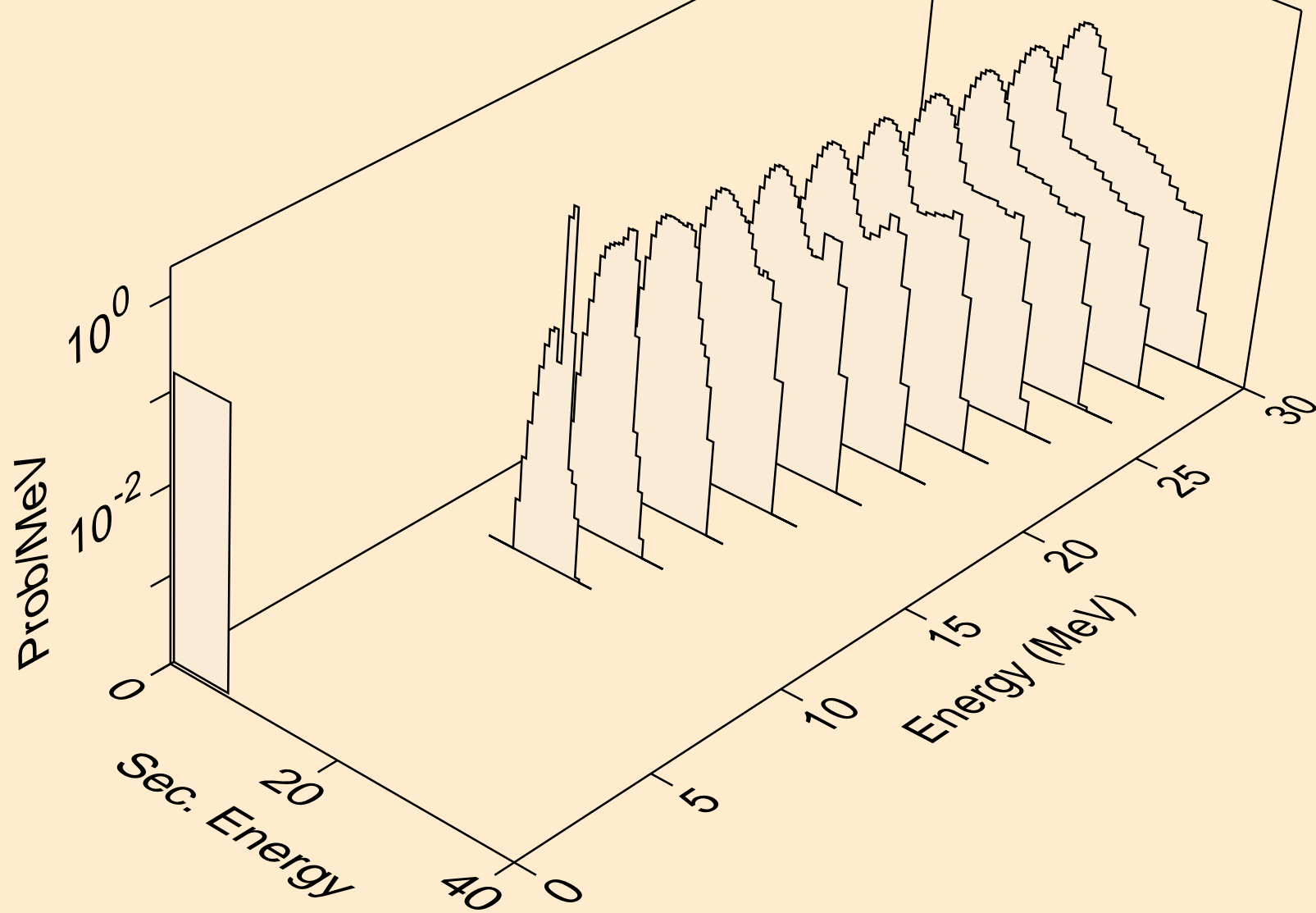
TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



TL196 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

