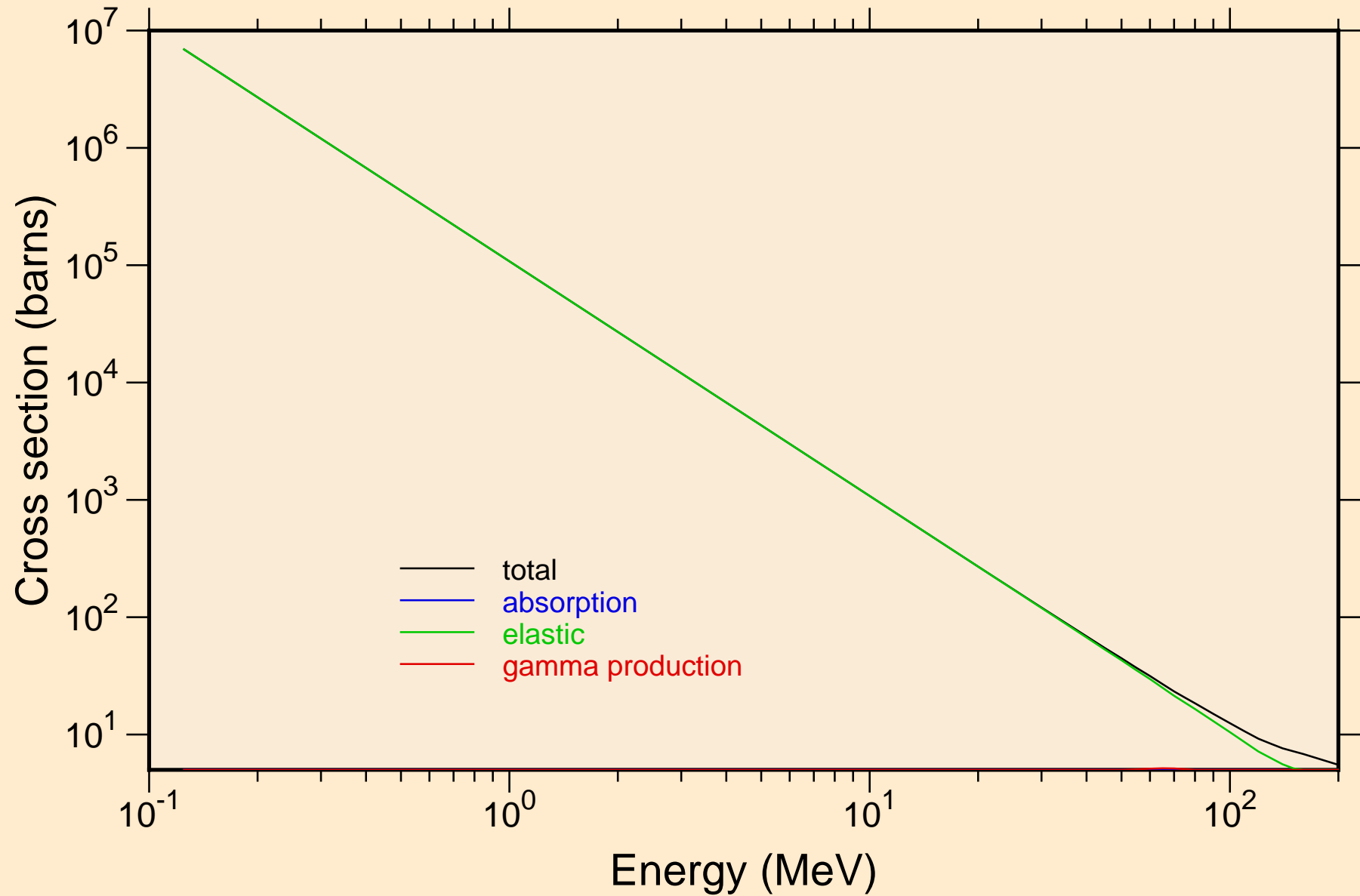


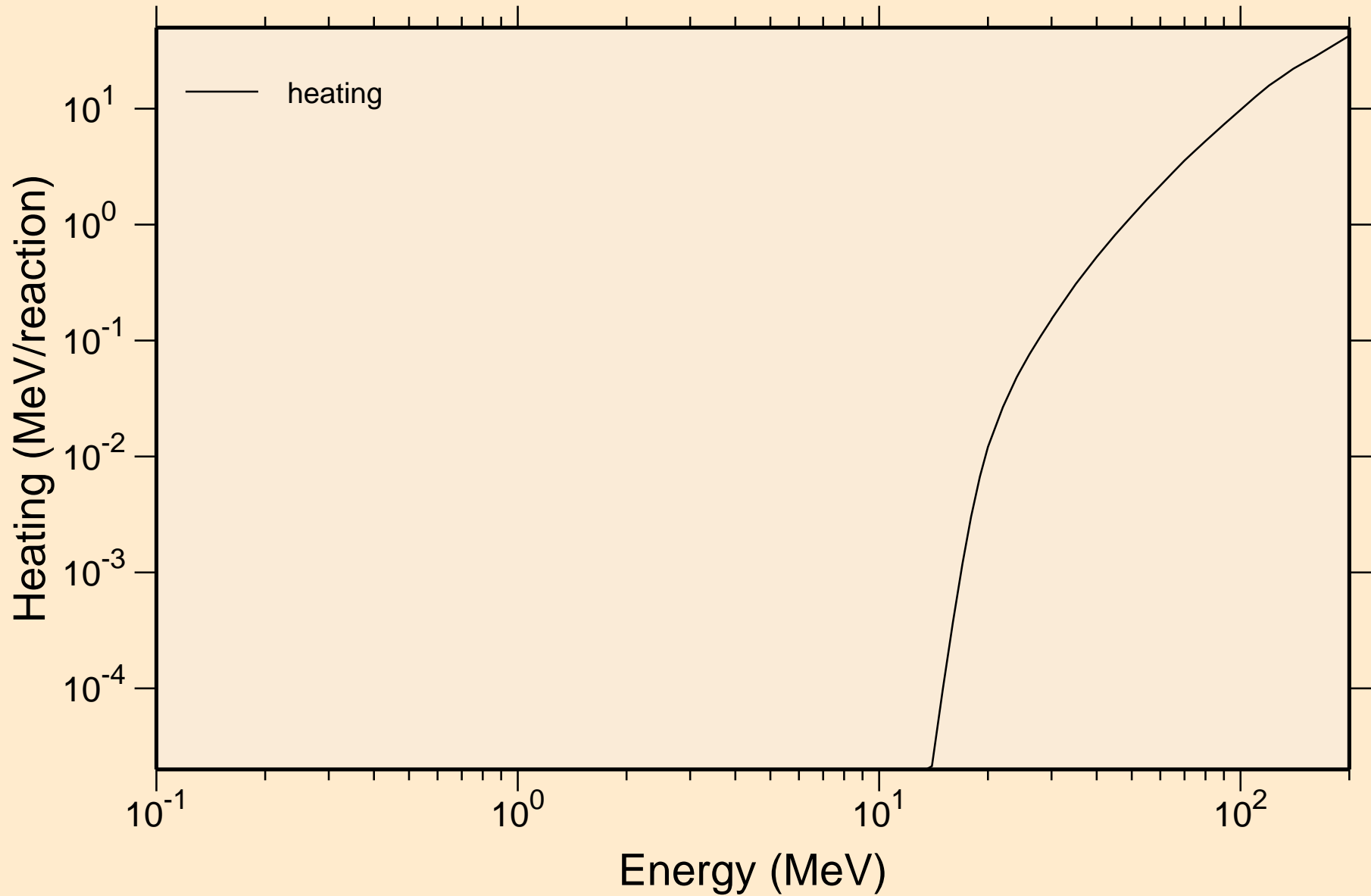
# TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



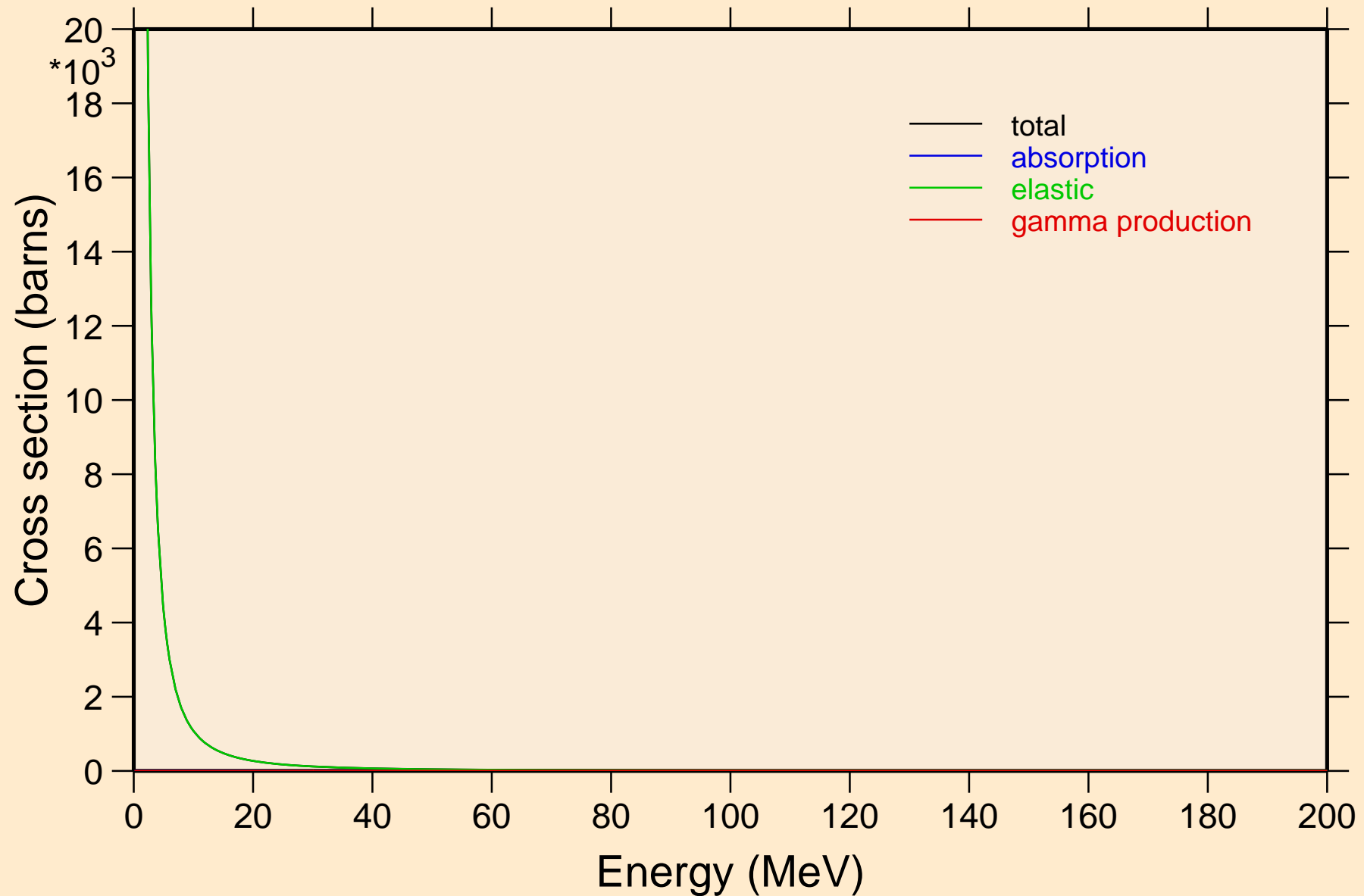
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K

Heating



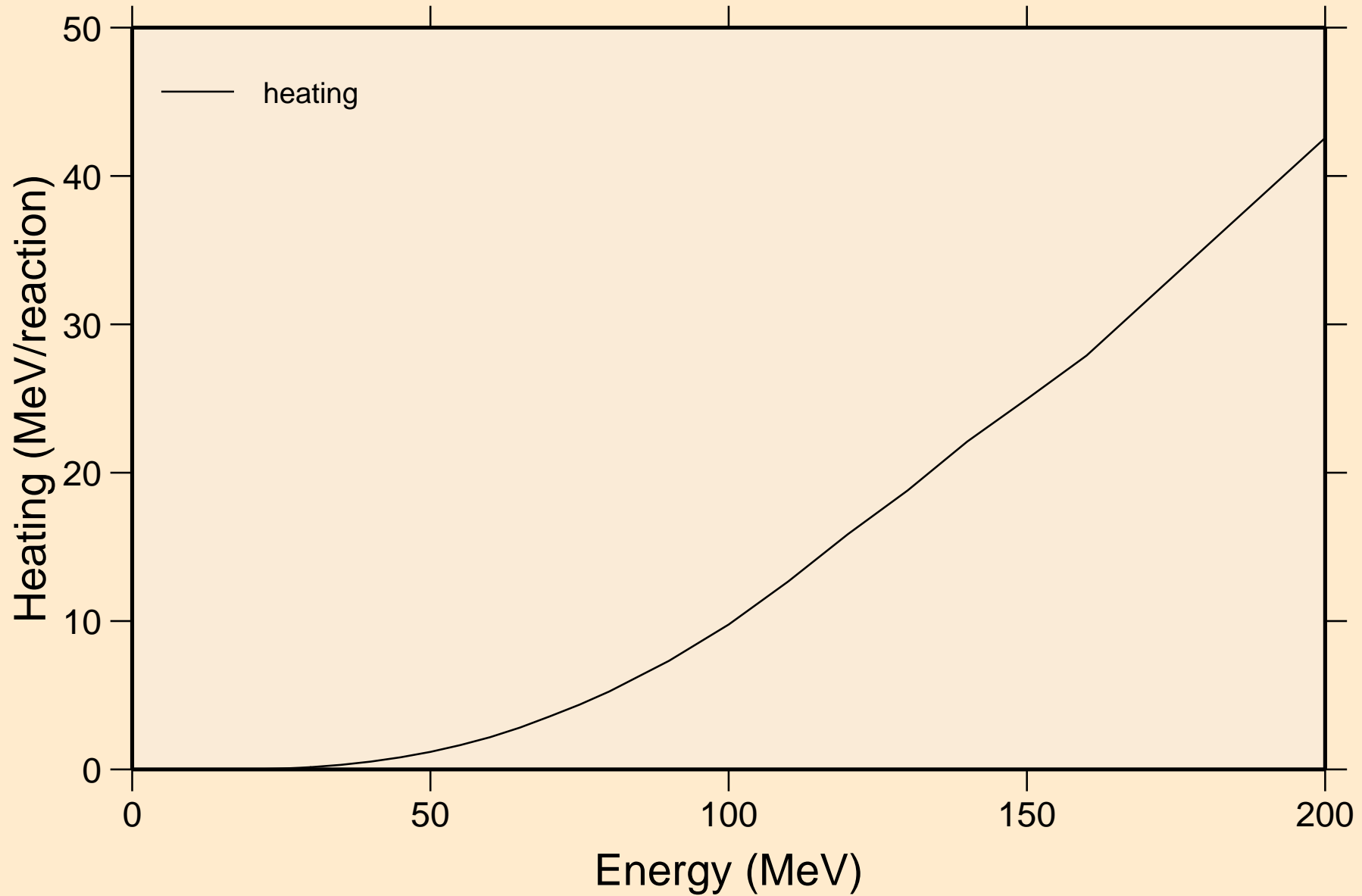
# TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

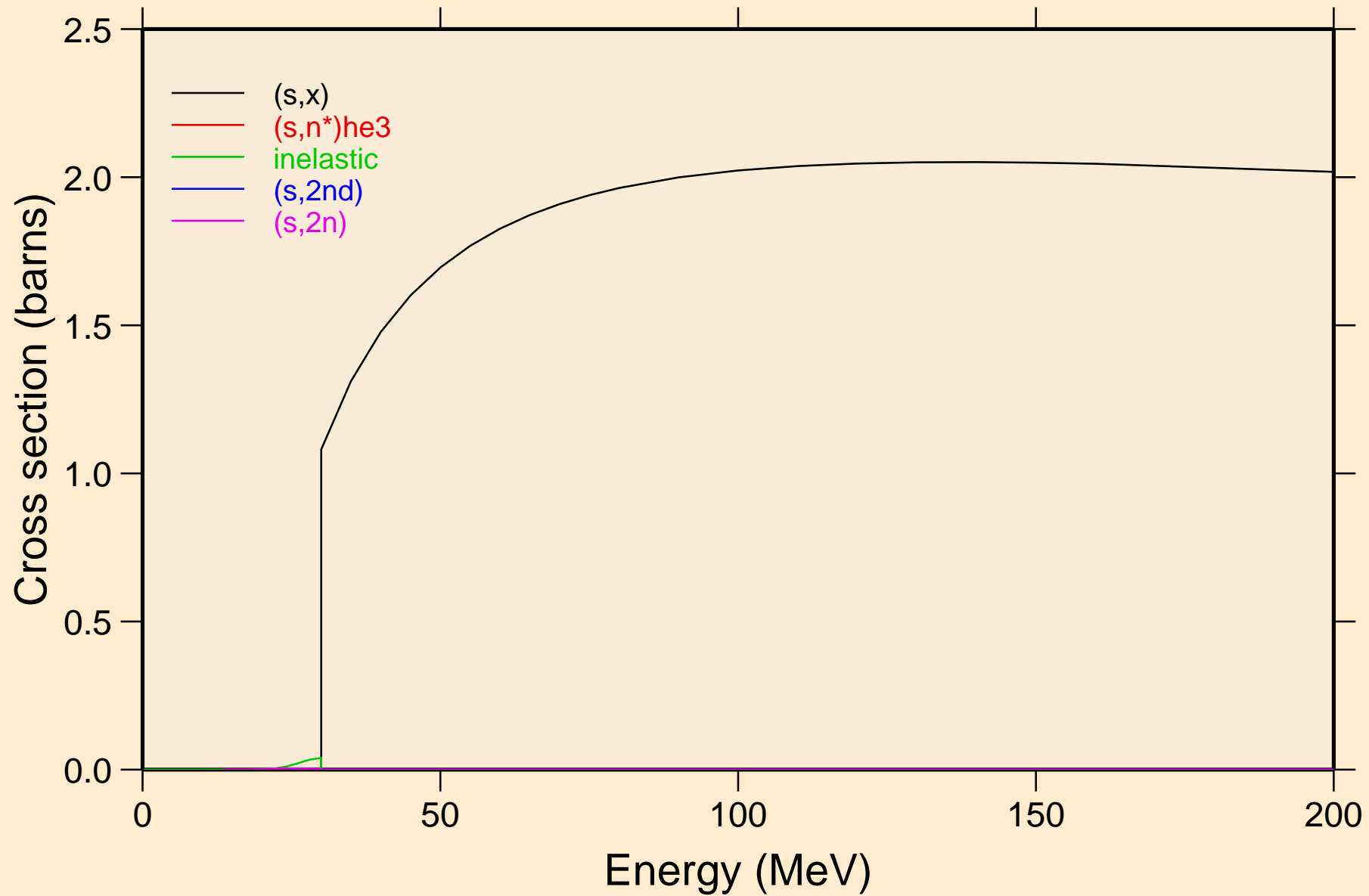


TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K

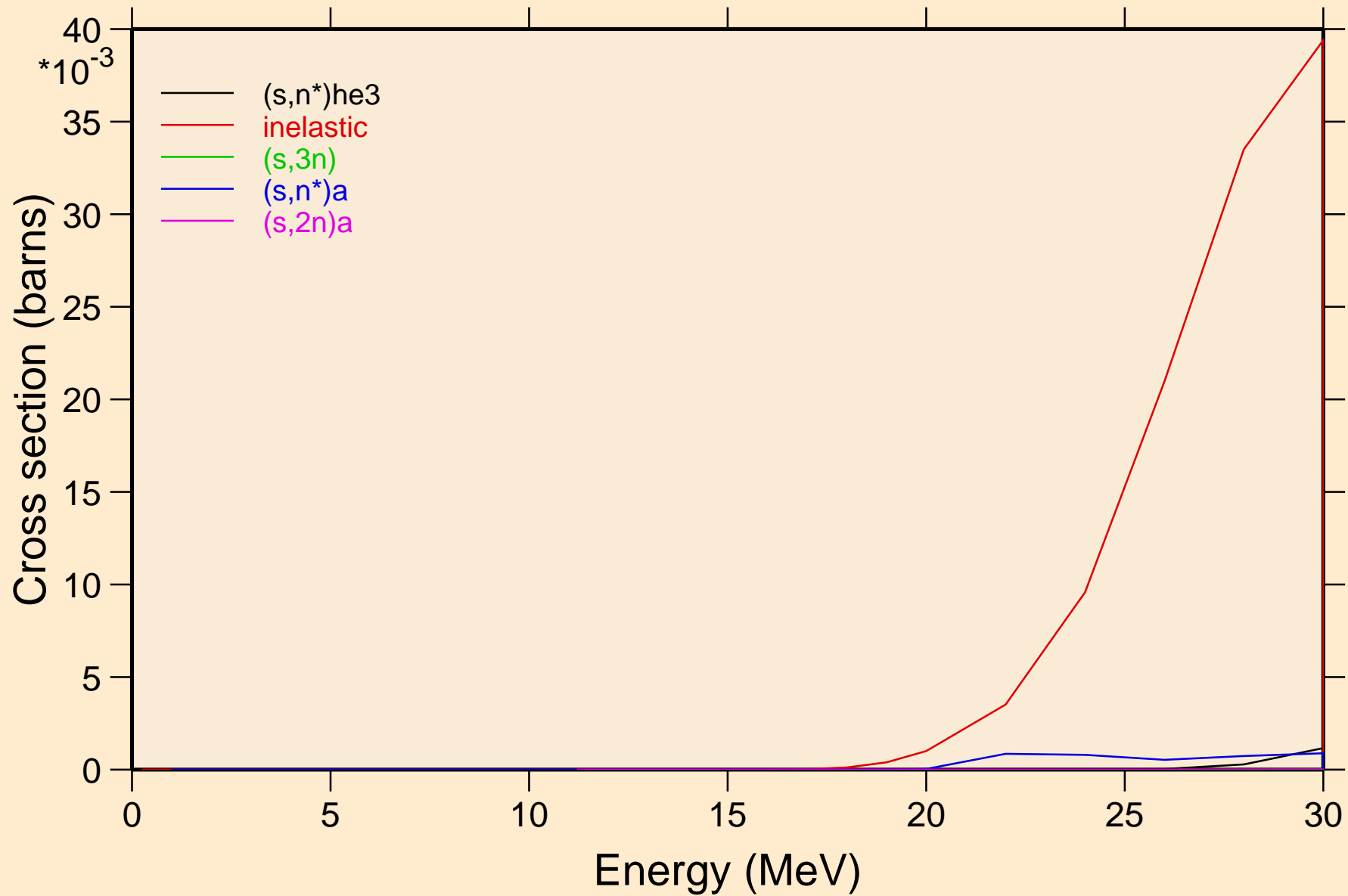
Heating



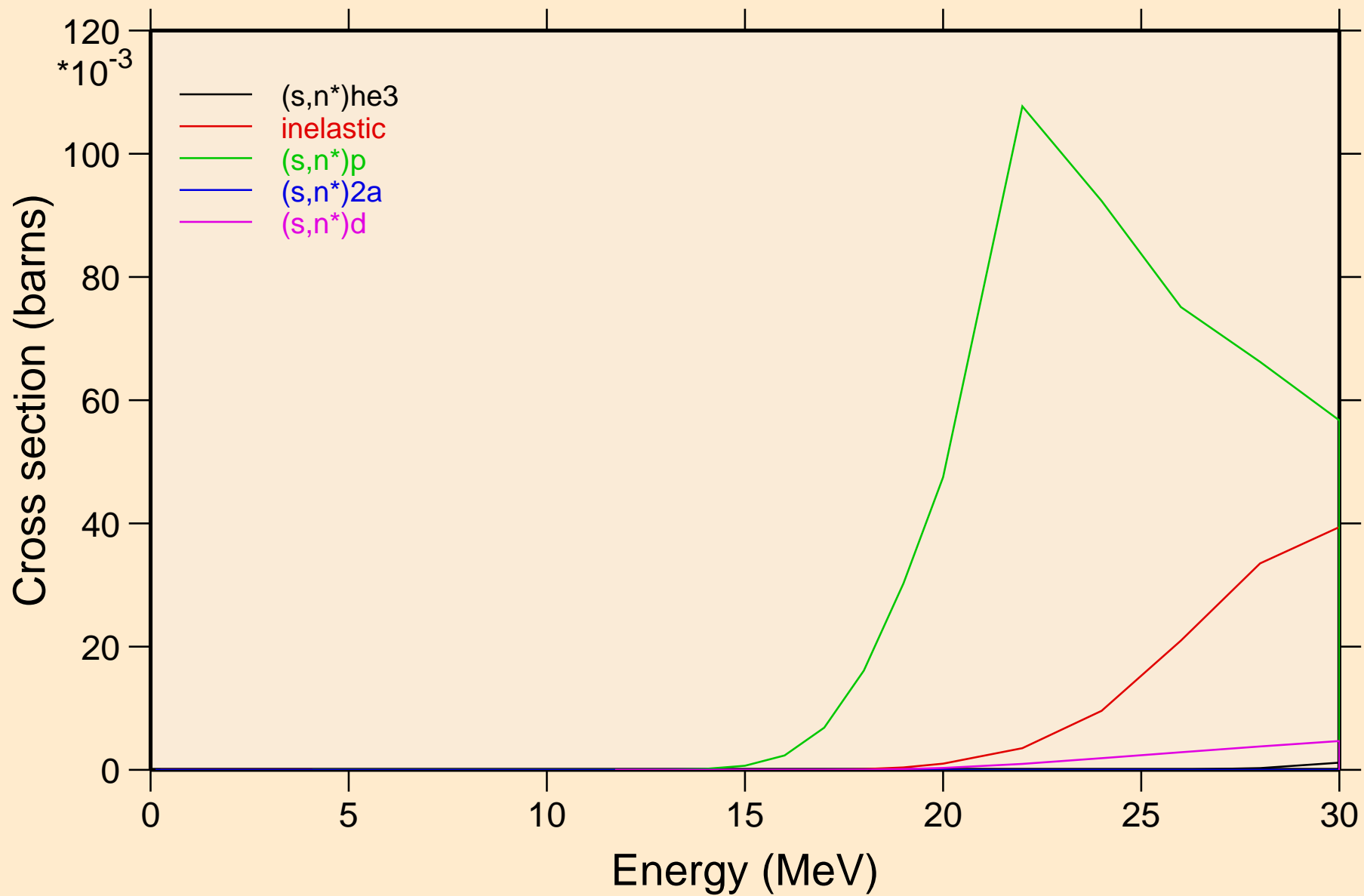
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



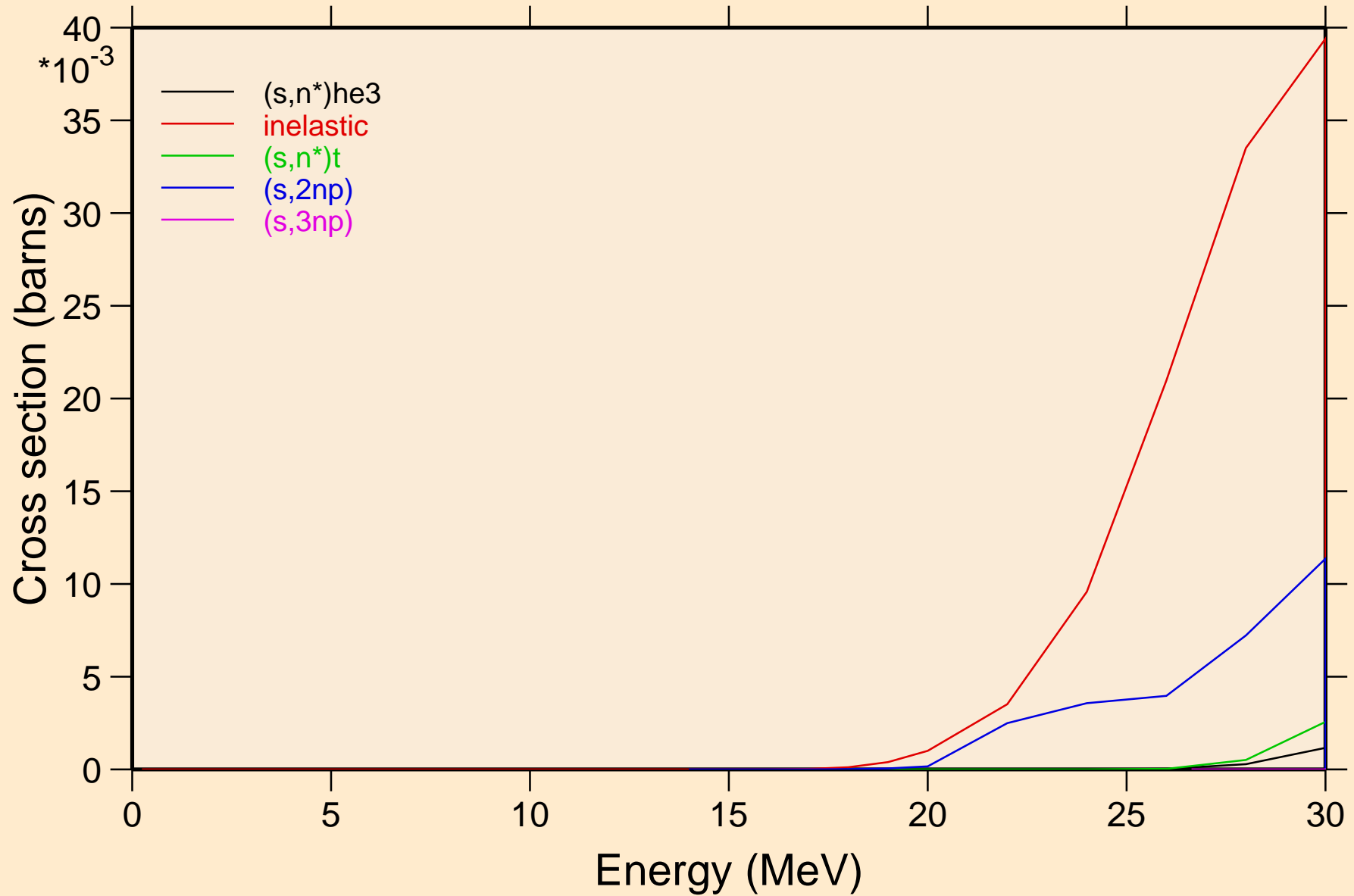
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

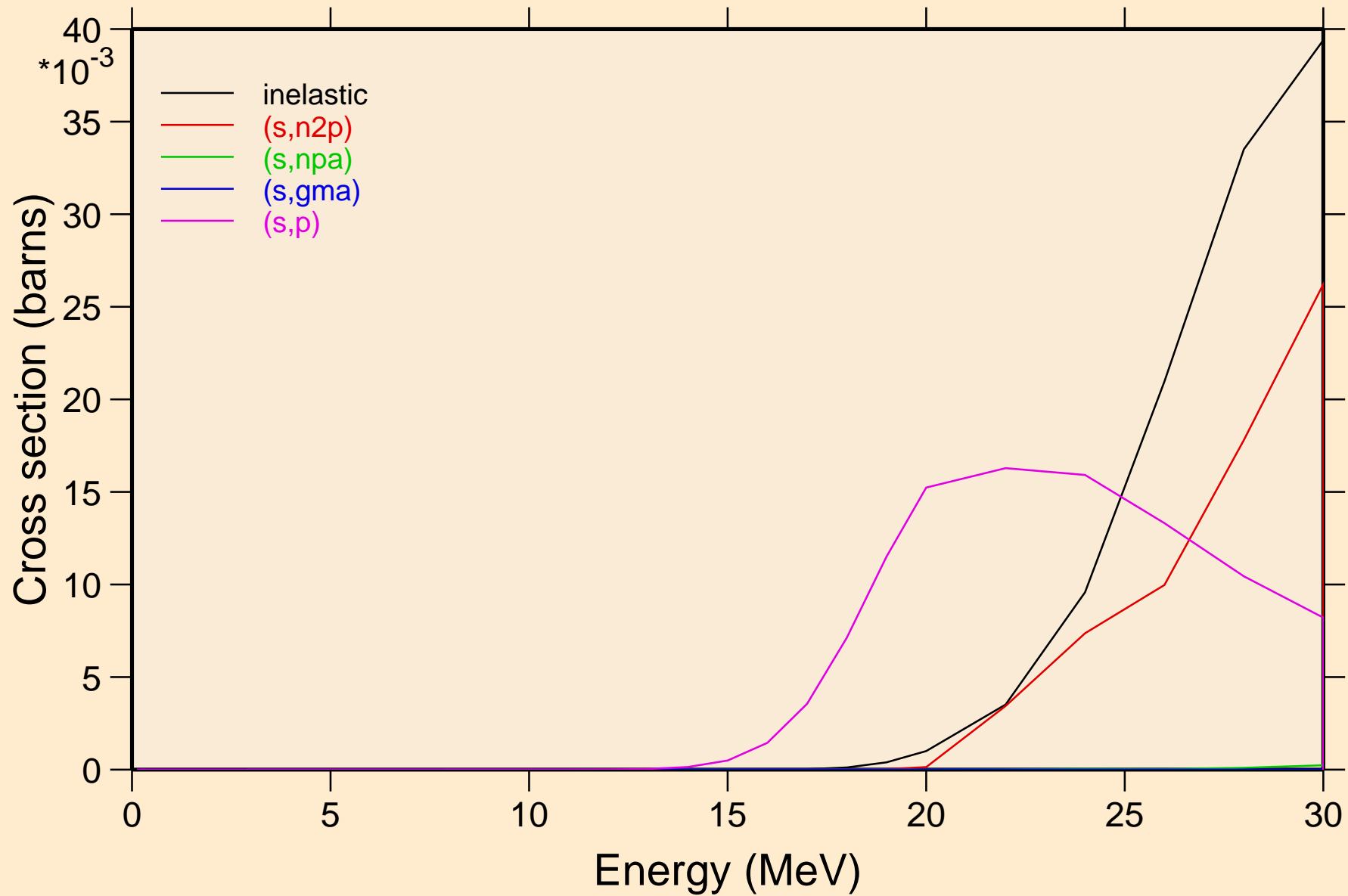


TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

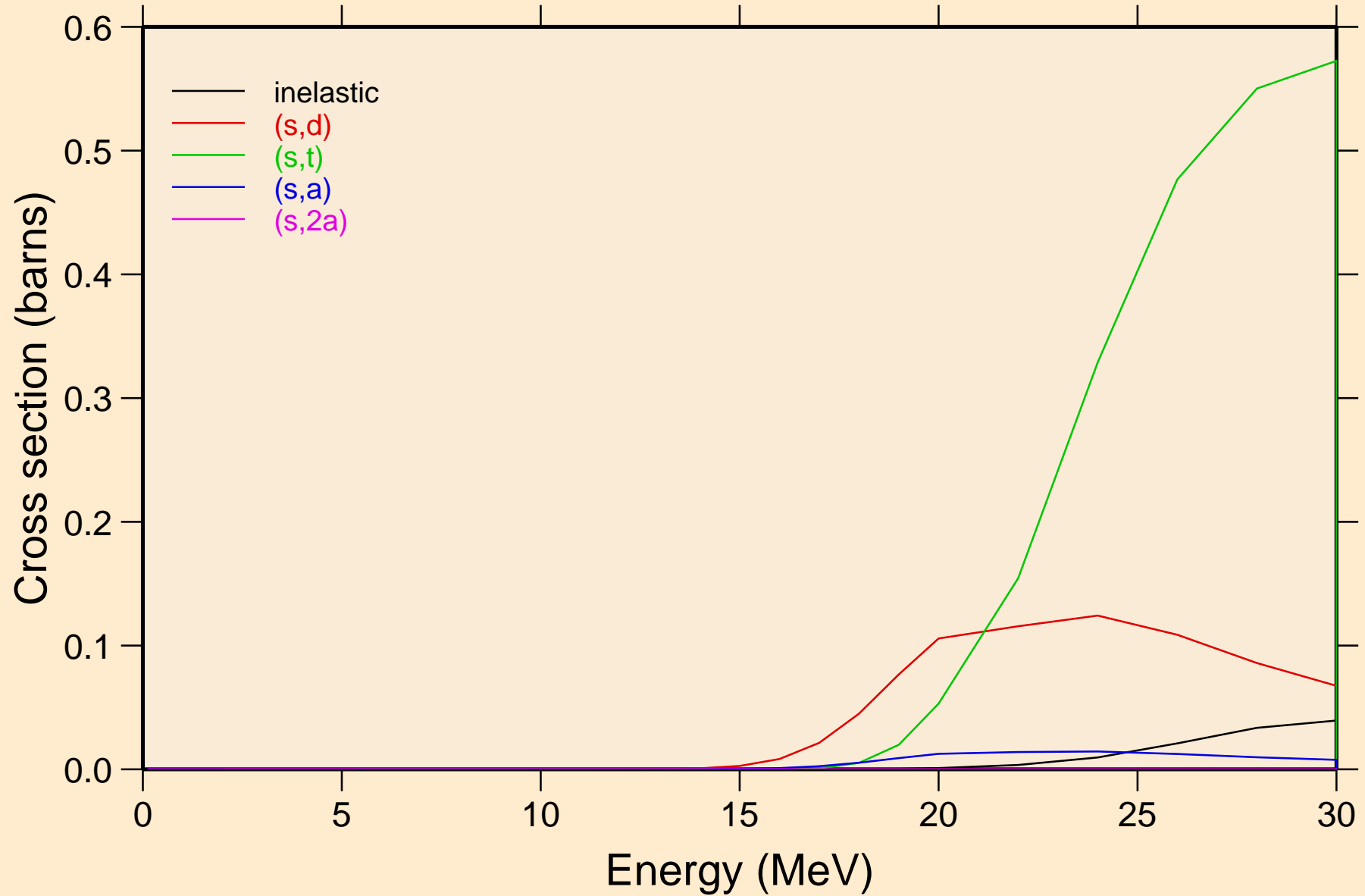




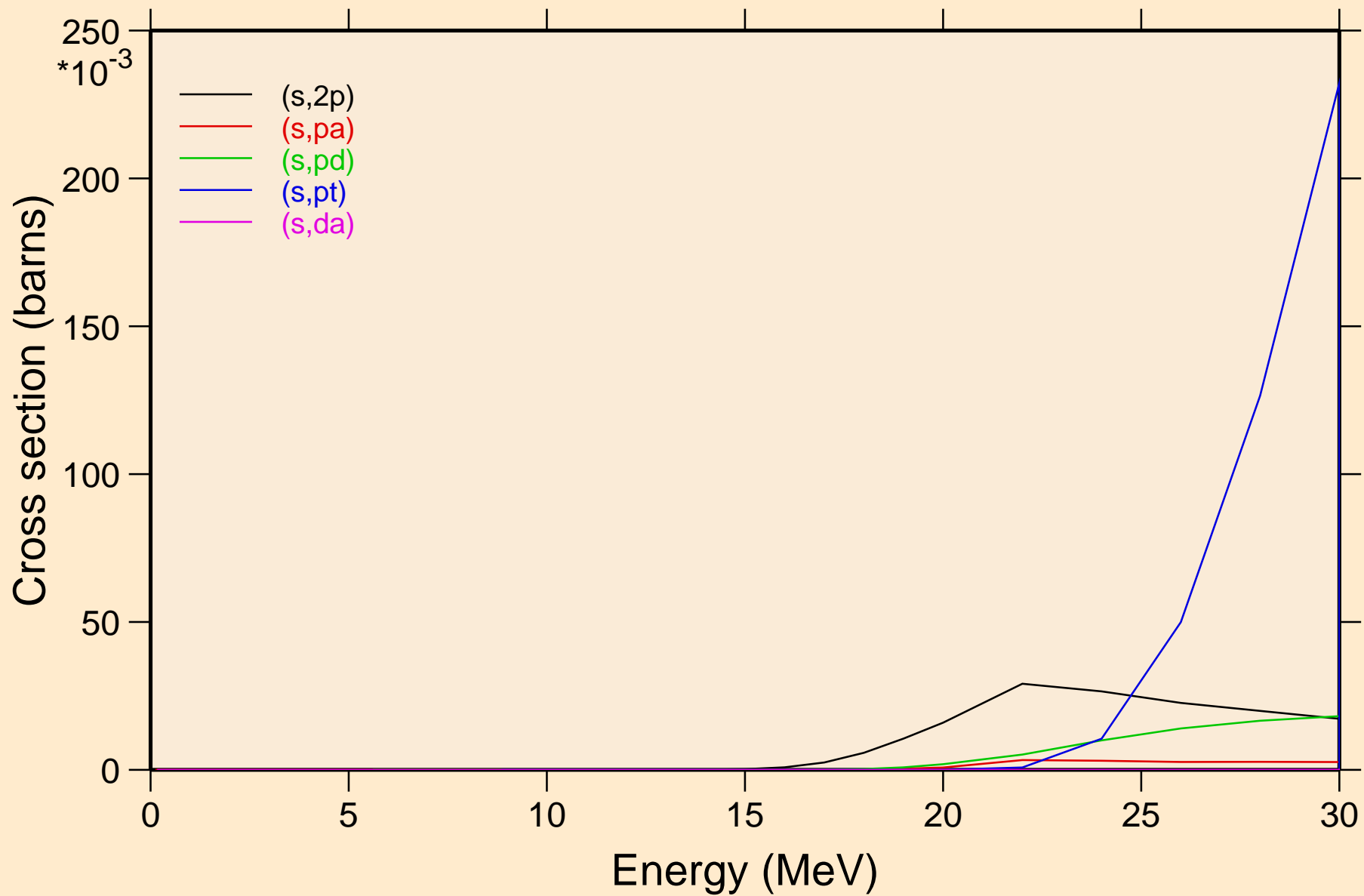
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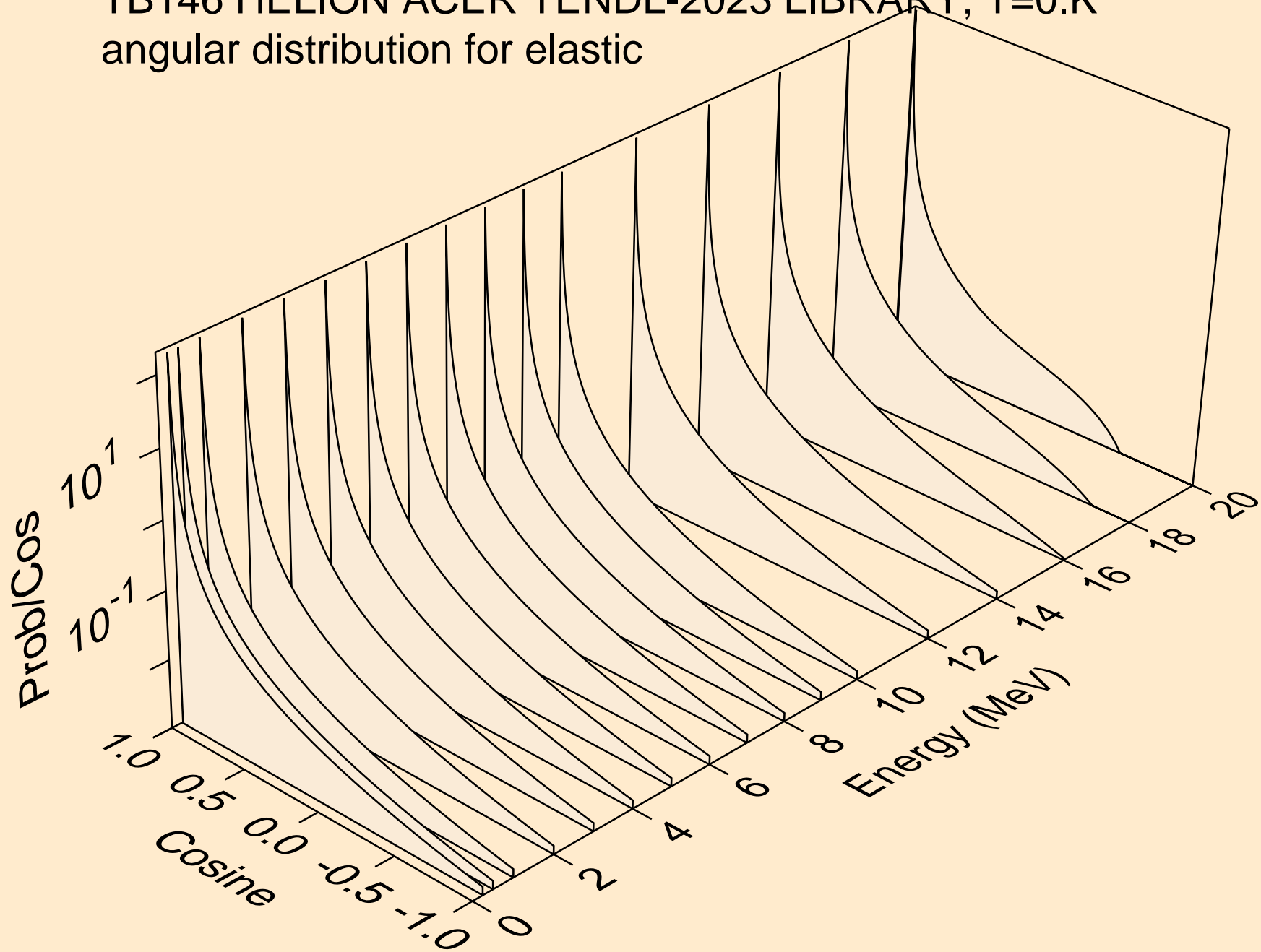
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Threshold reactions



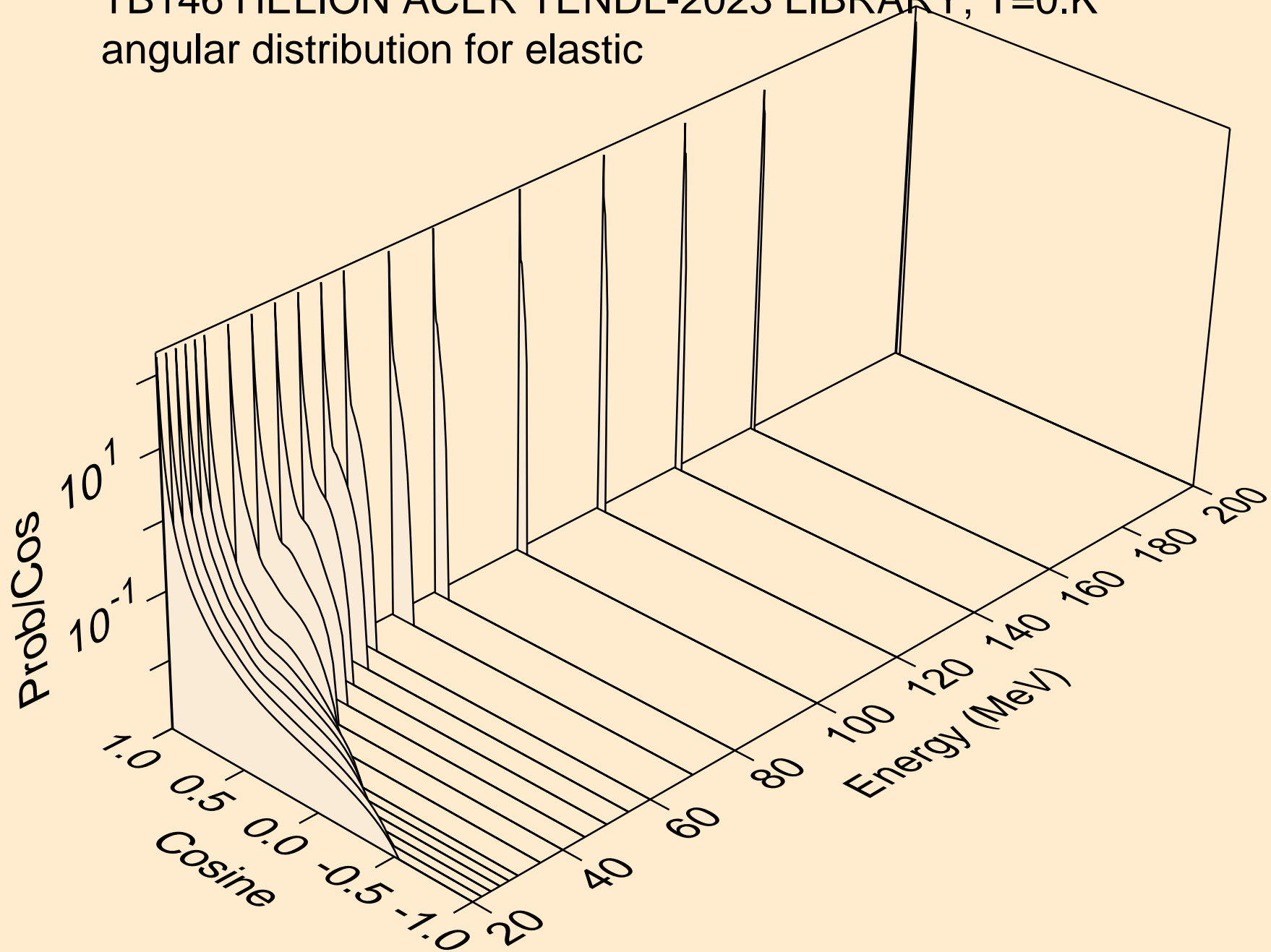
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Threshold reactions



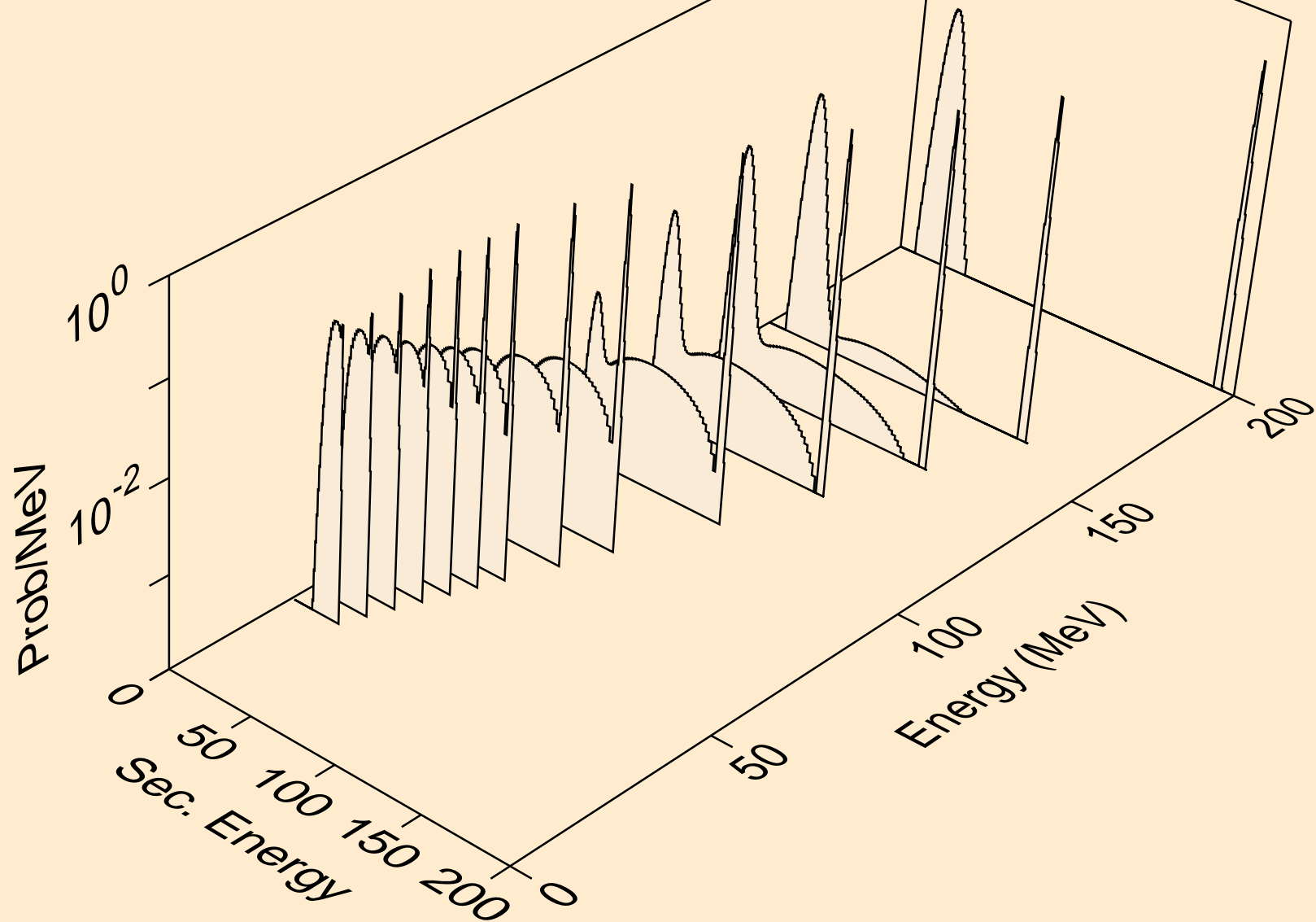
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



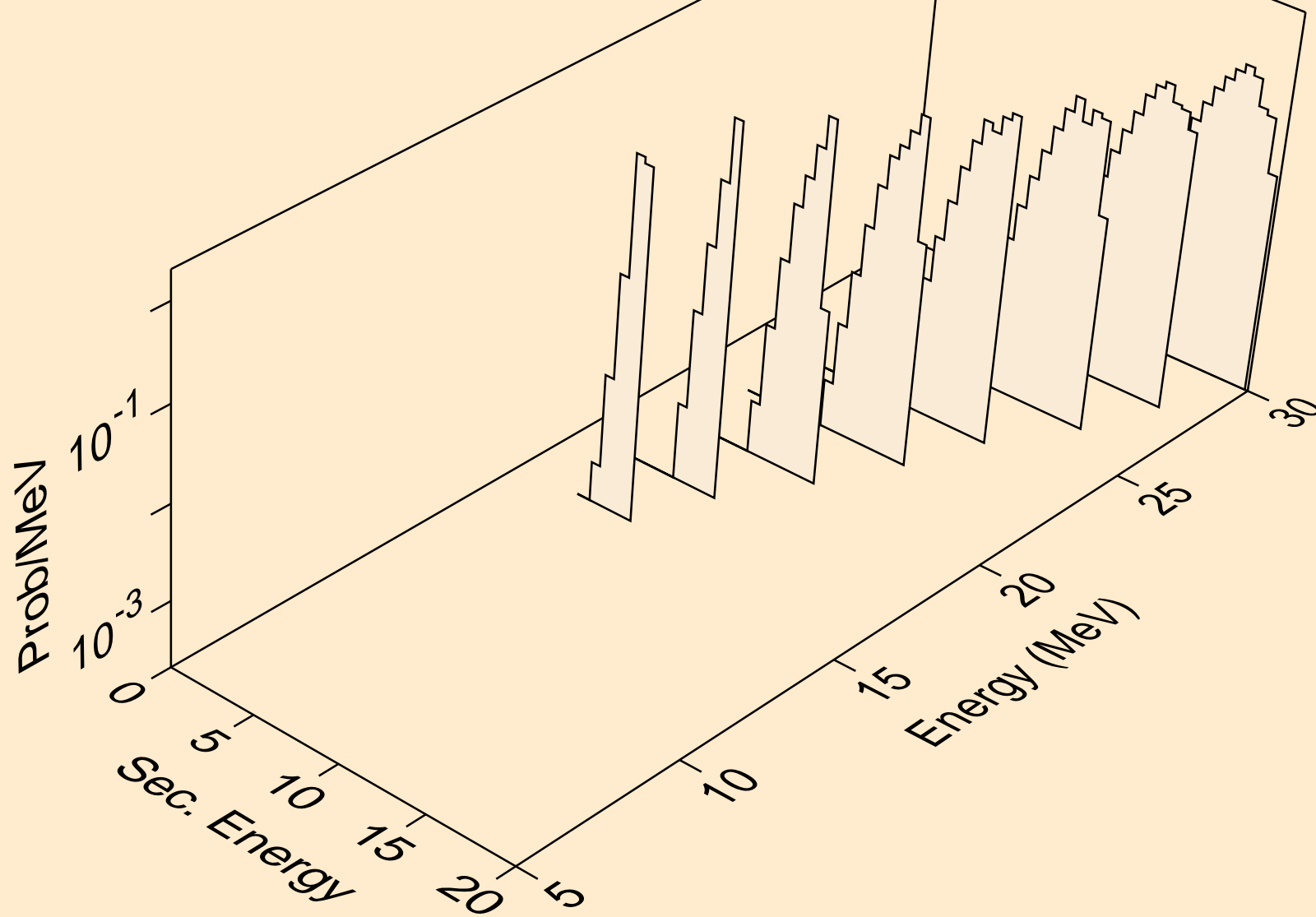
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



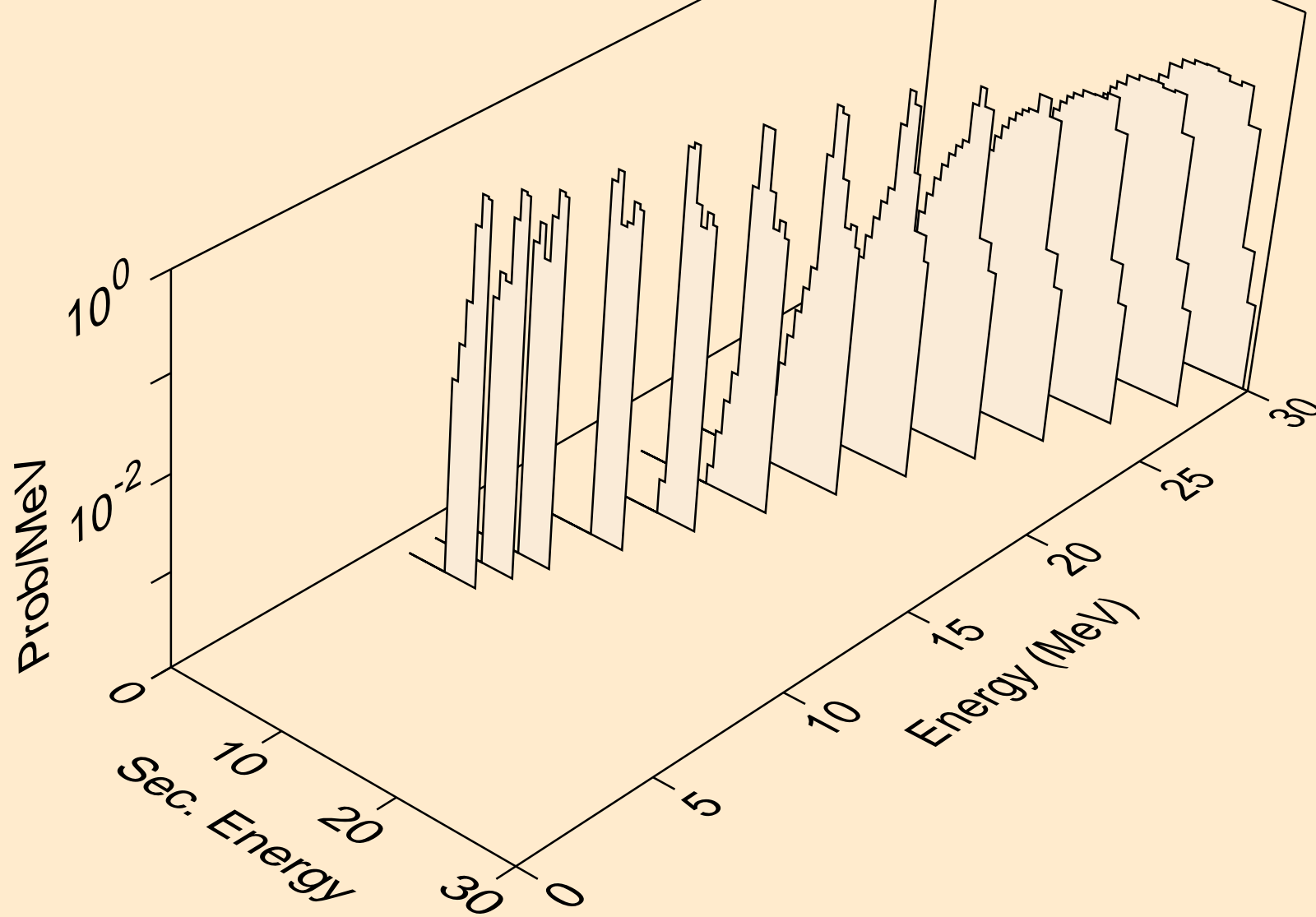
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

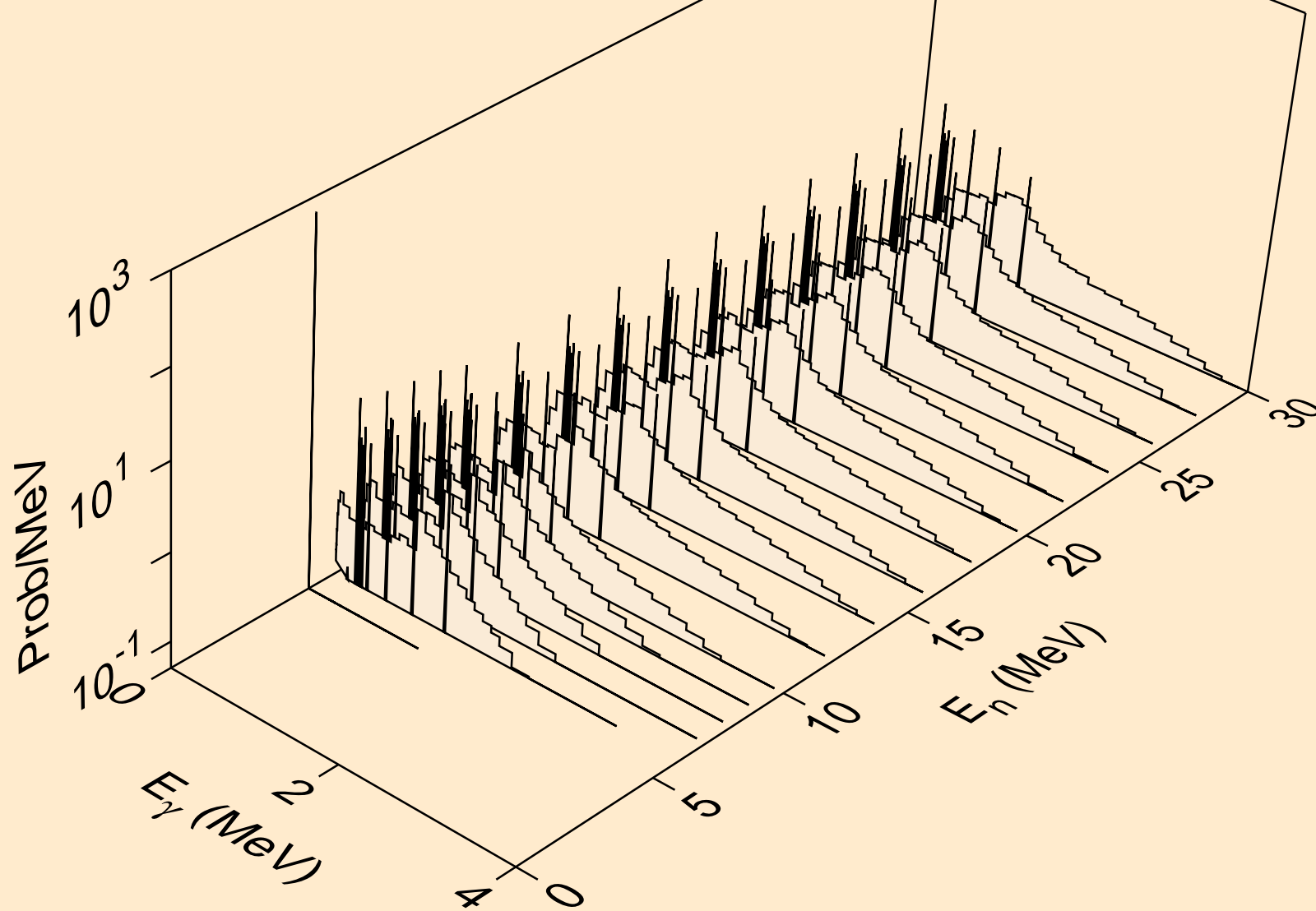


TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

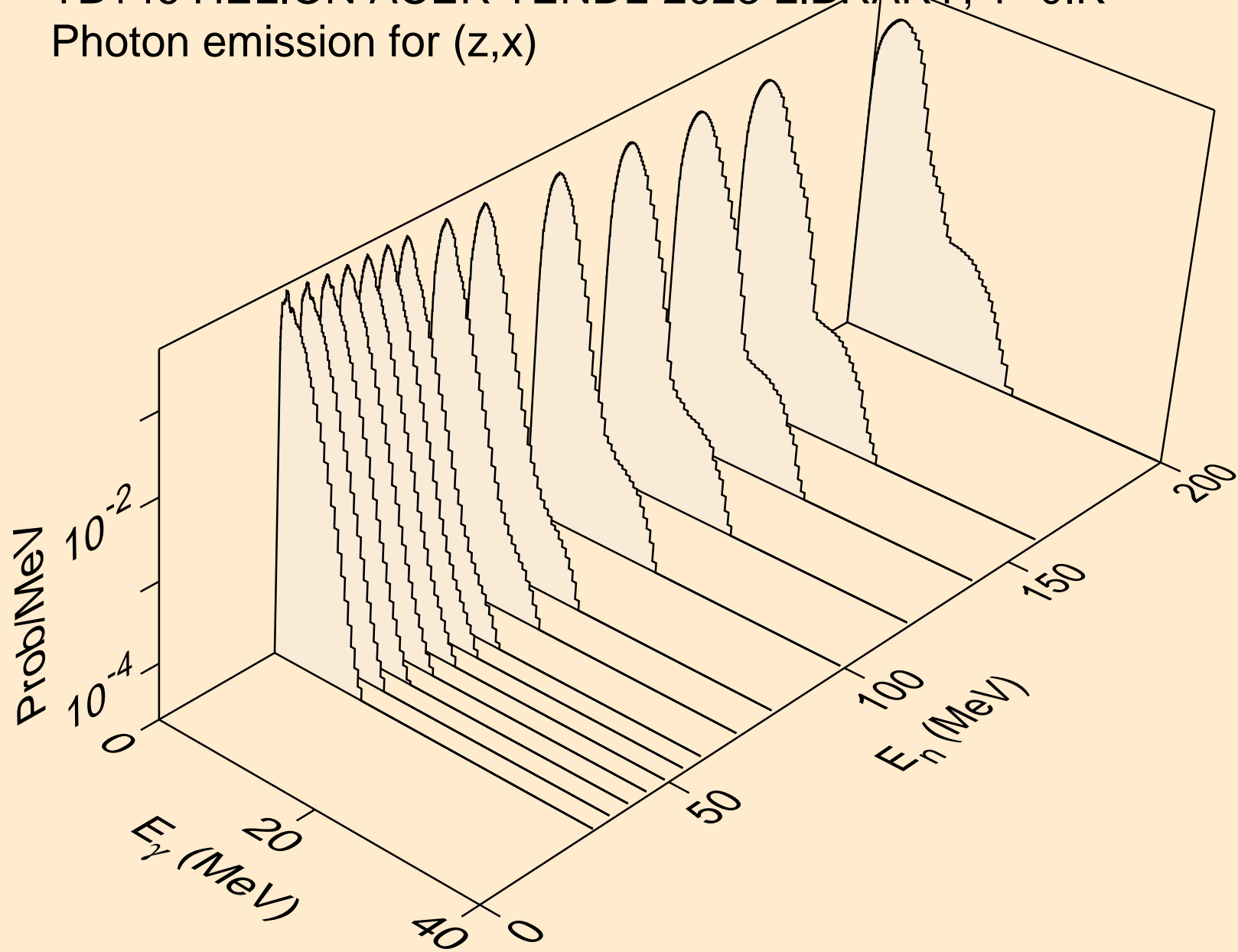




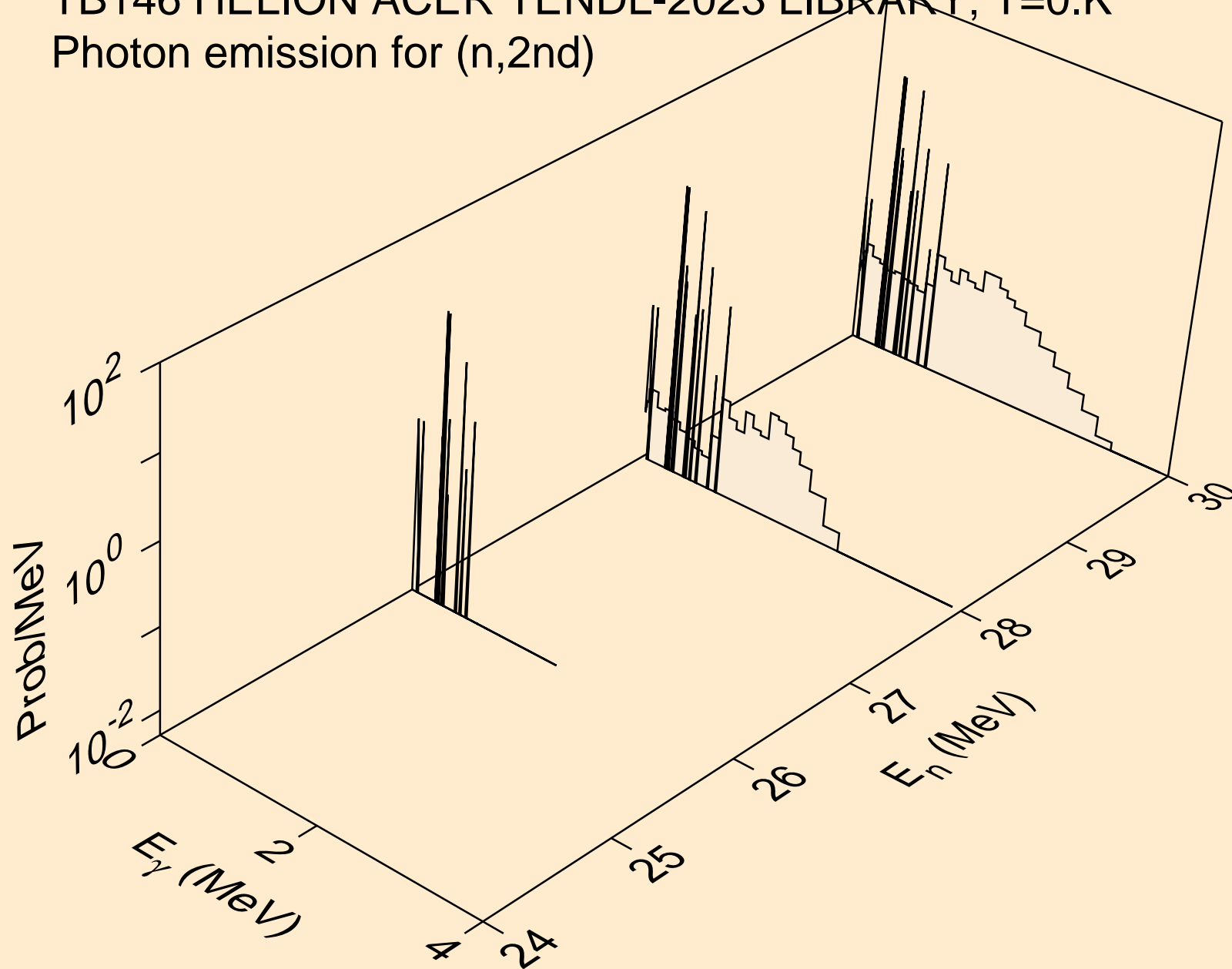
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



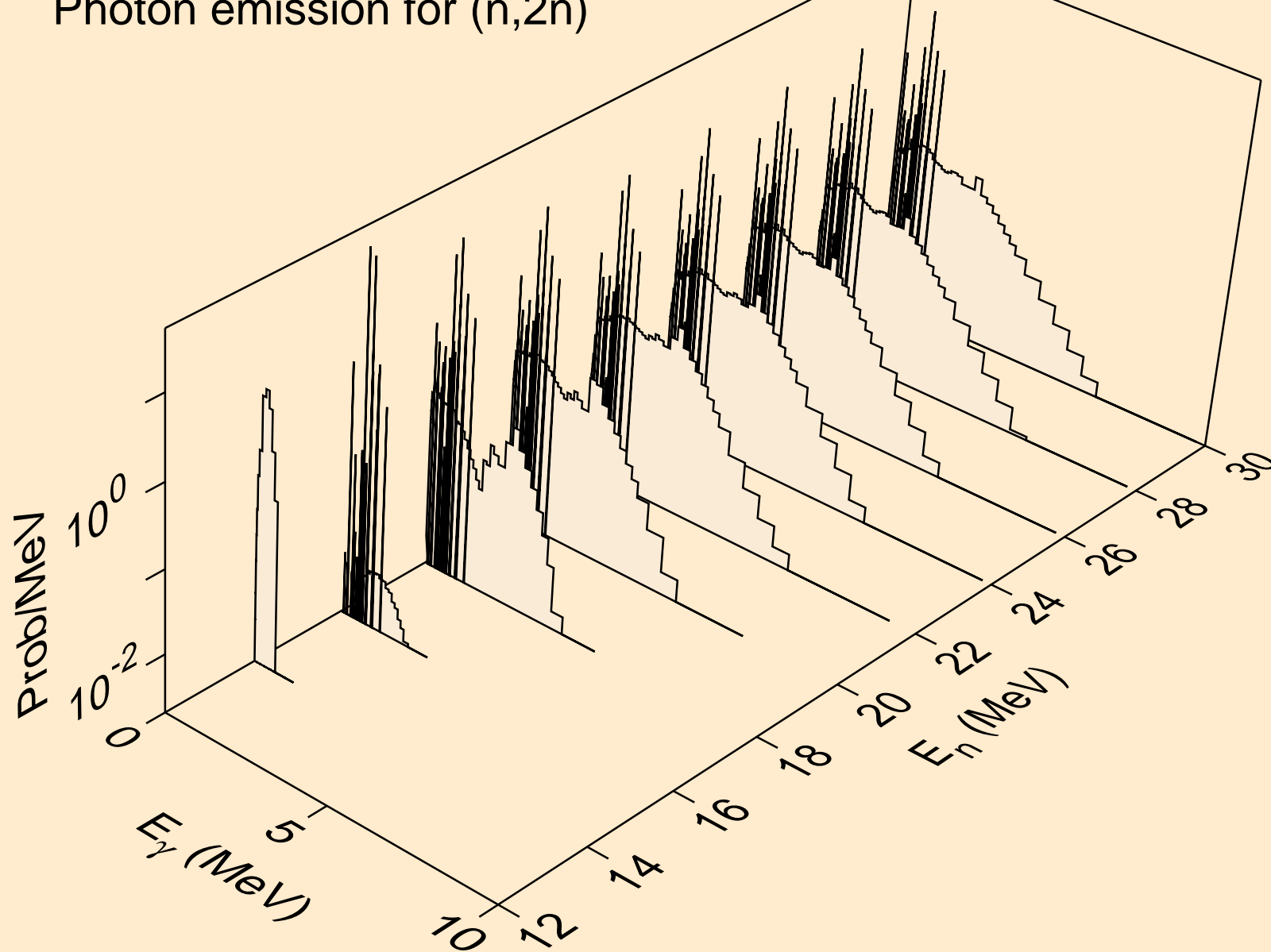
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Photon emission for (z,x)



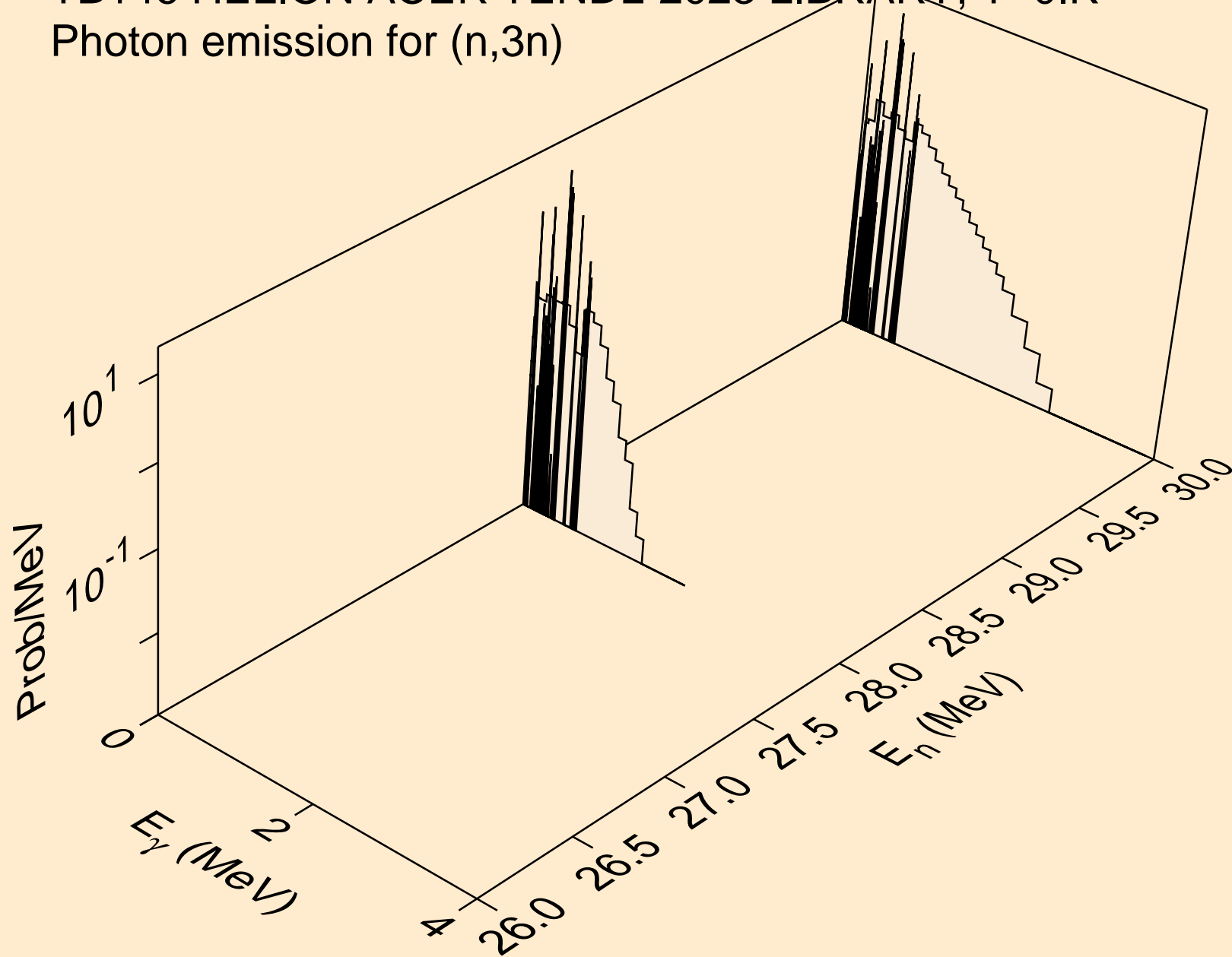
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



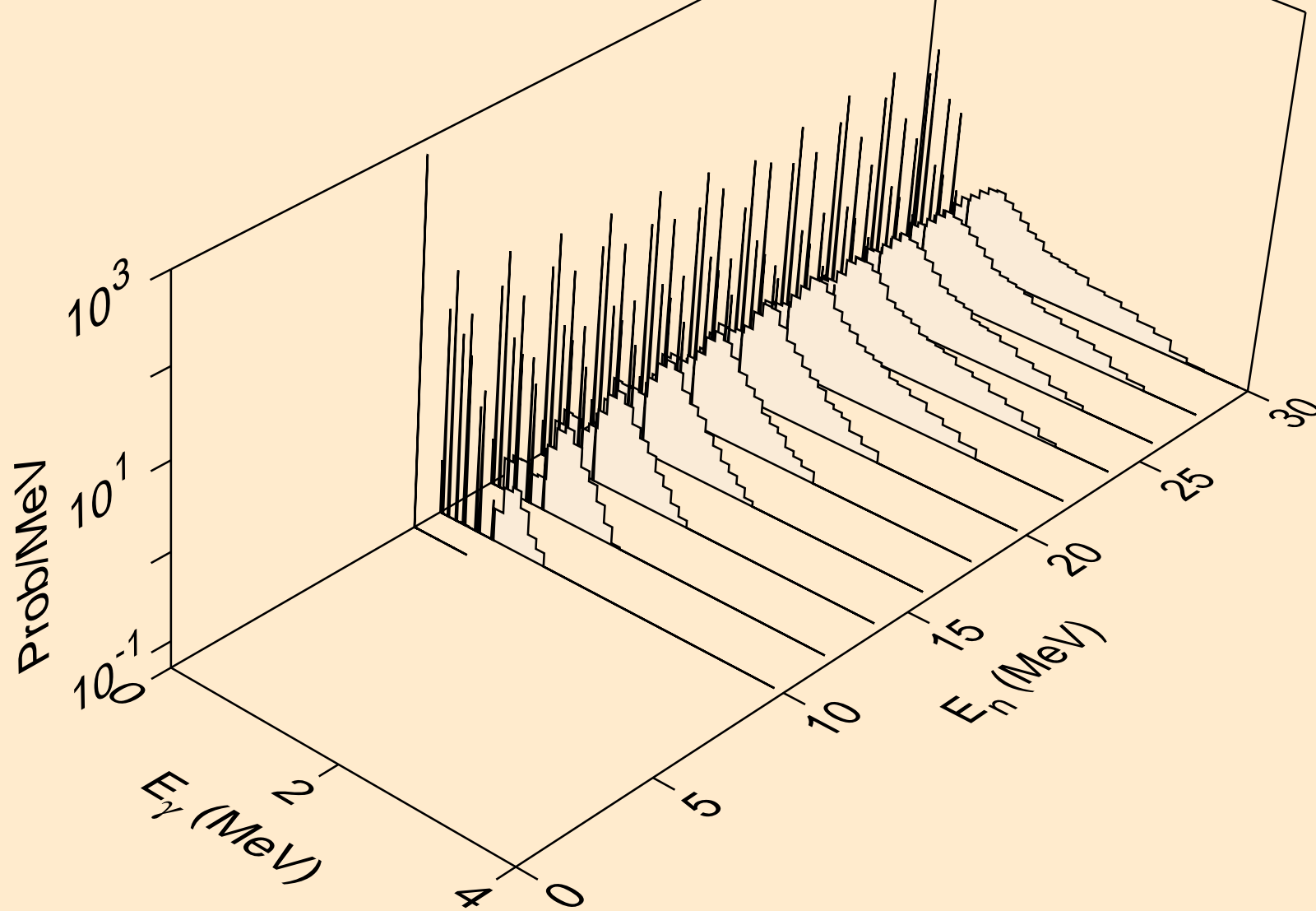
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



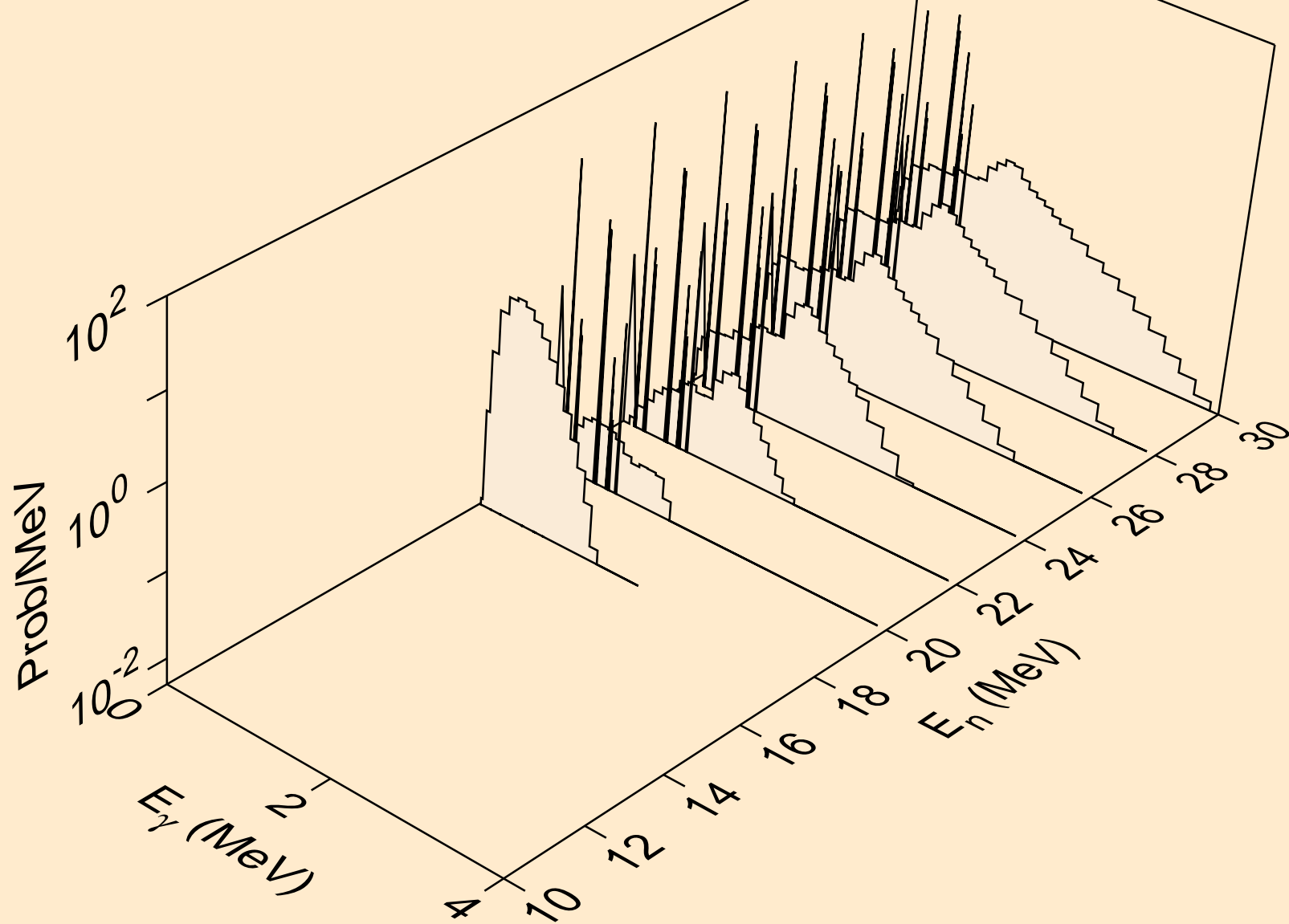
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



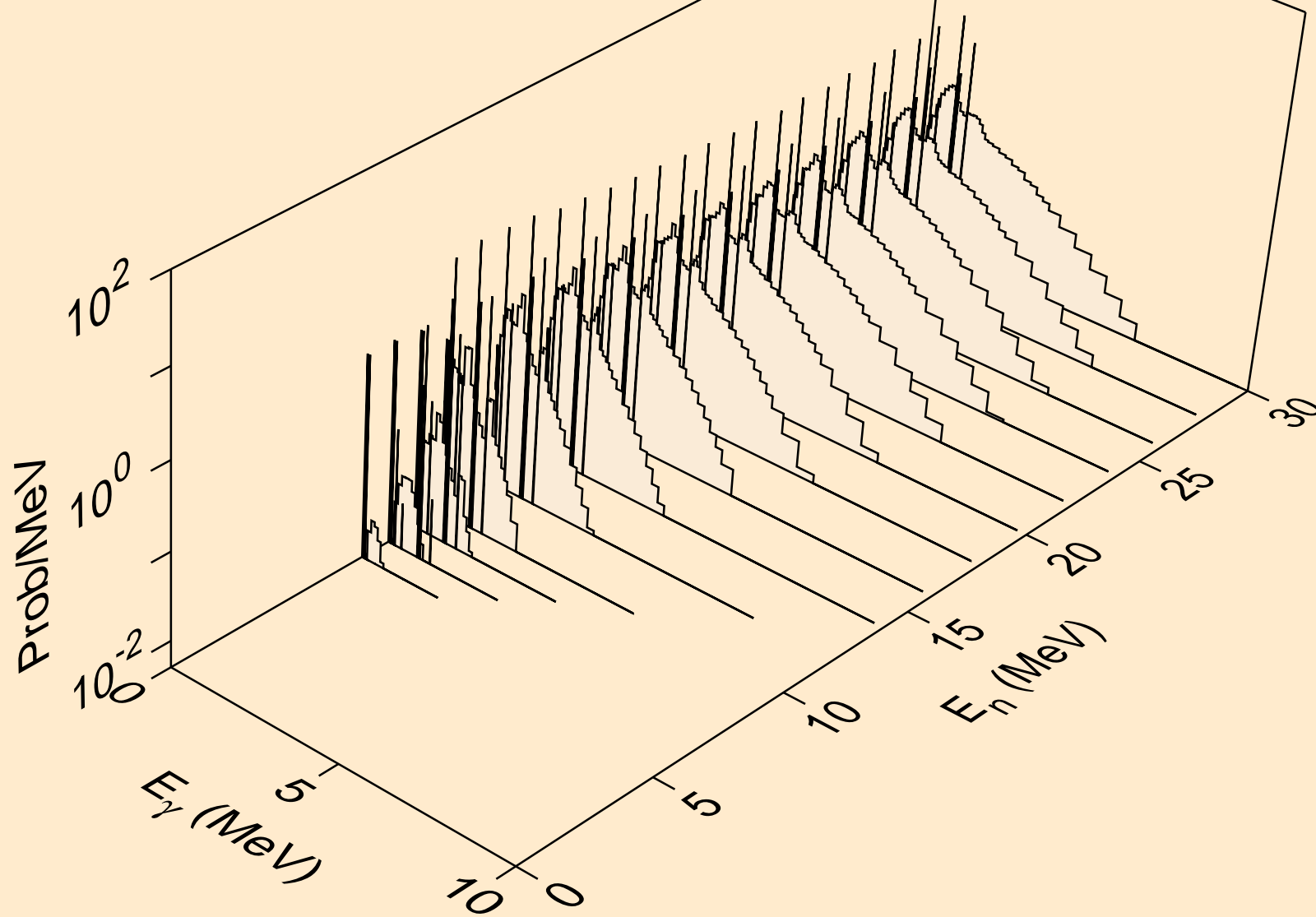
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

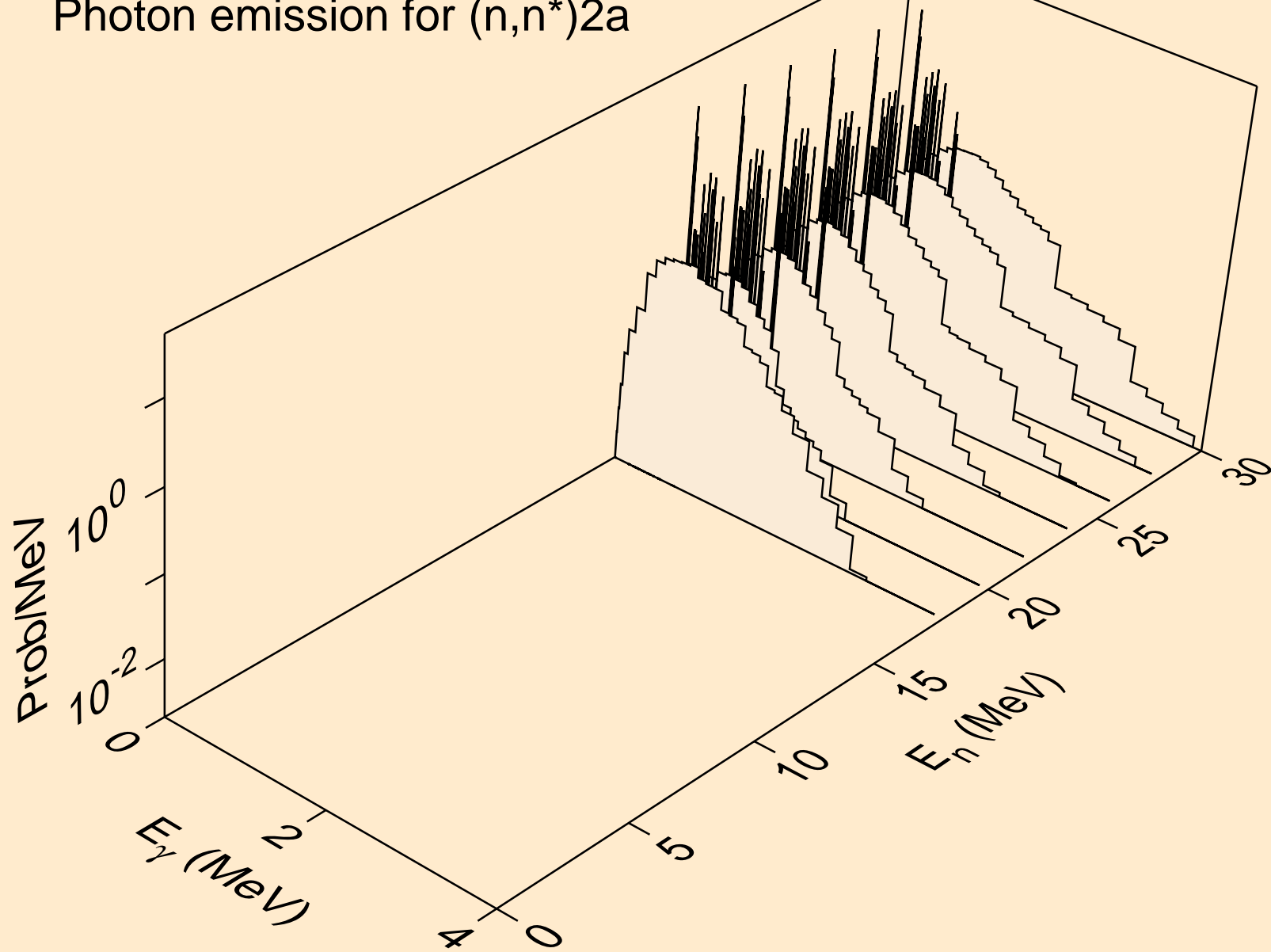


TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

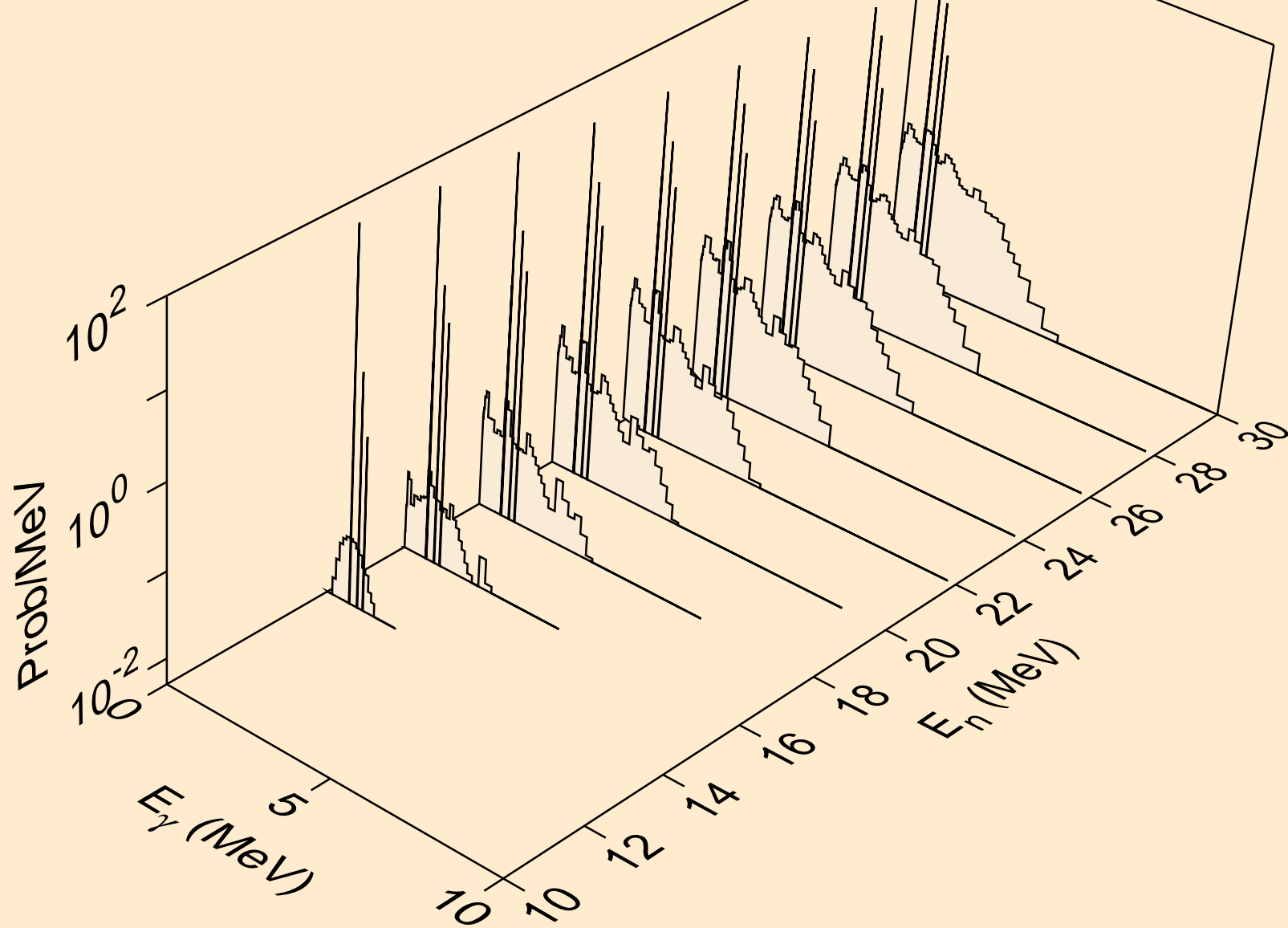




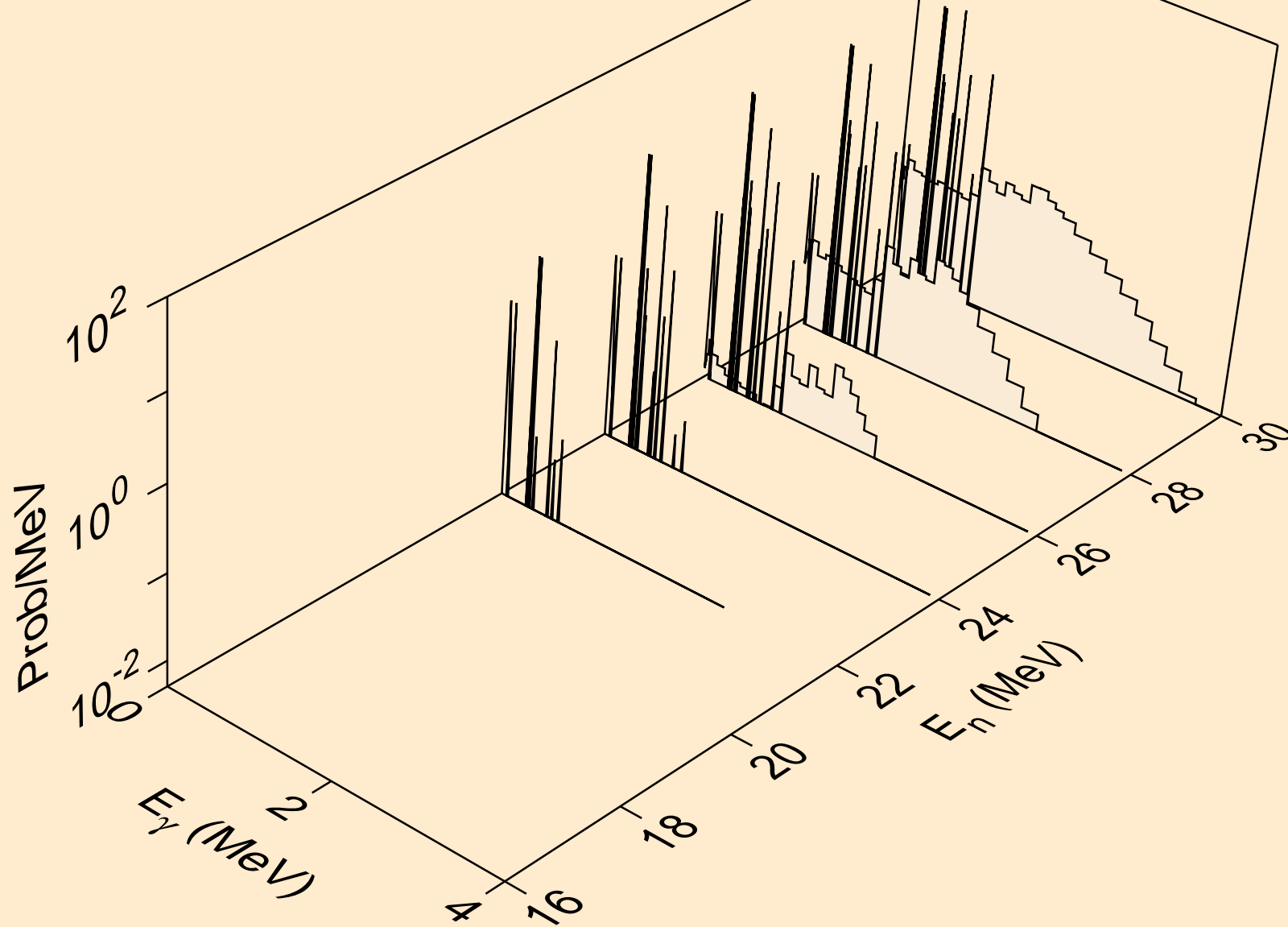
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Photon emission for (n,n\*)2a



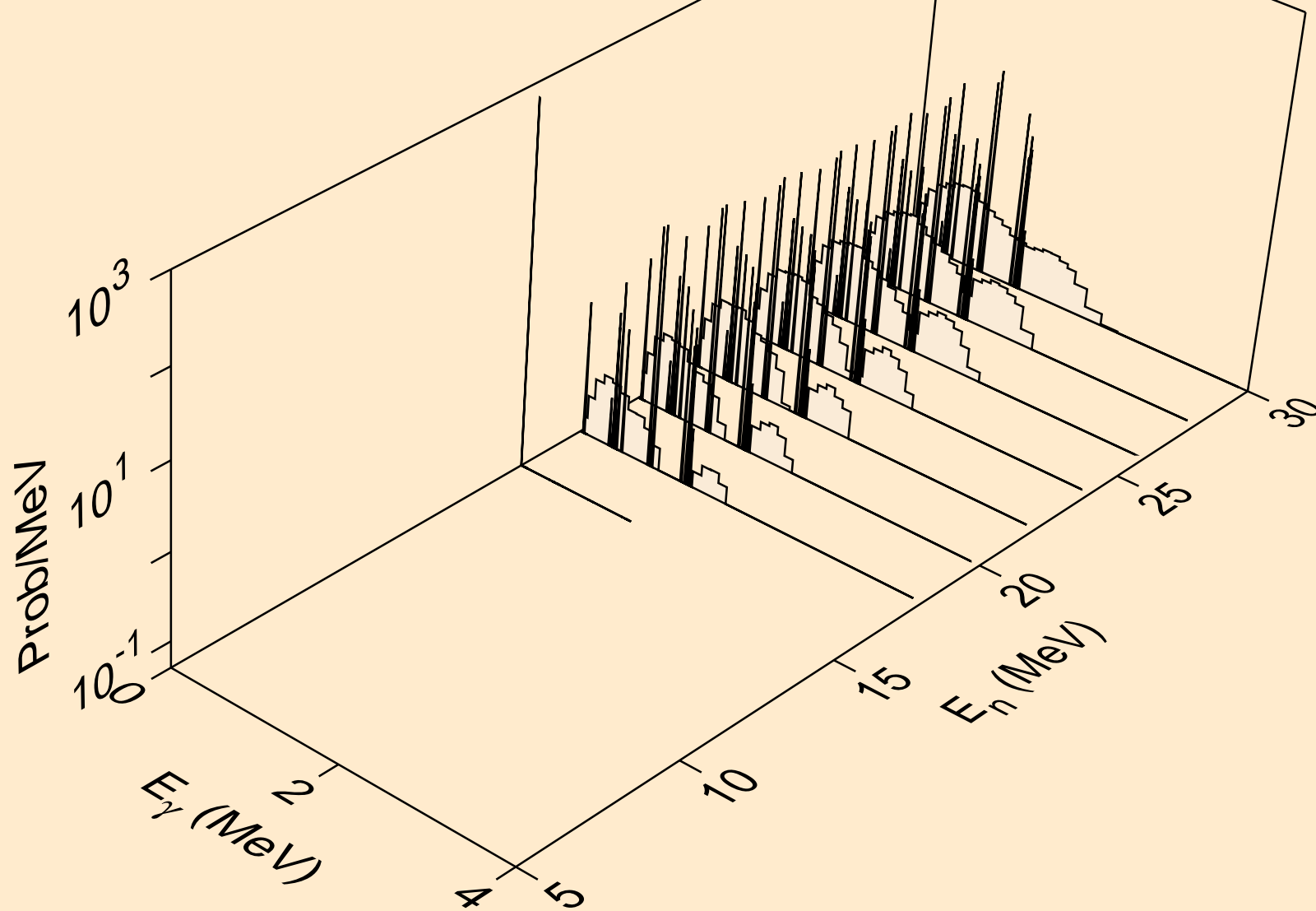
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Photon emission for (n,n\*)d



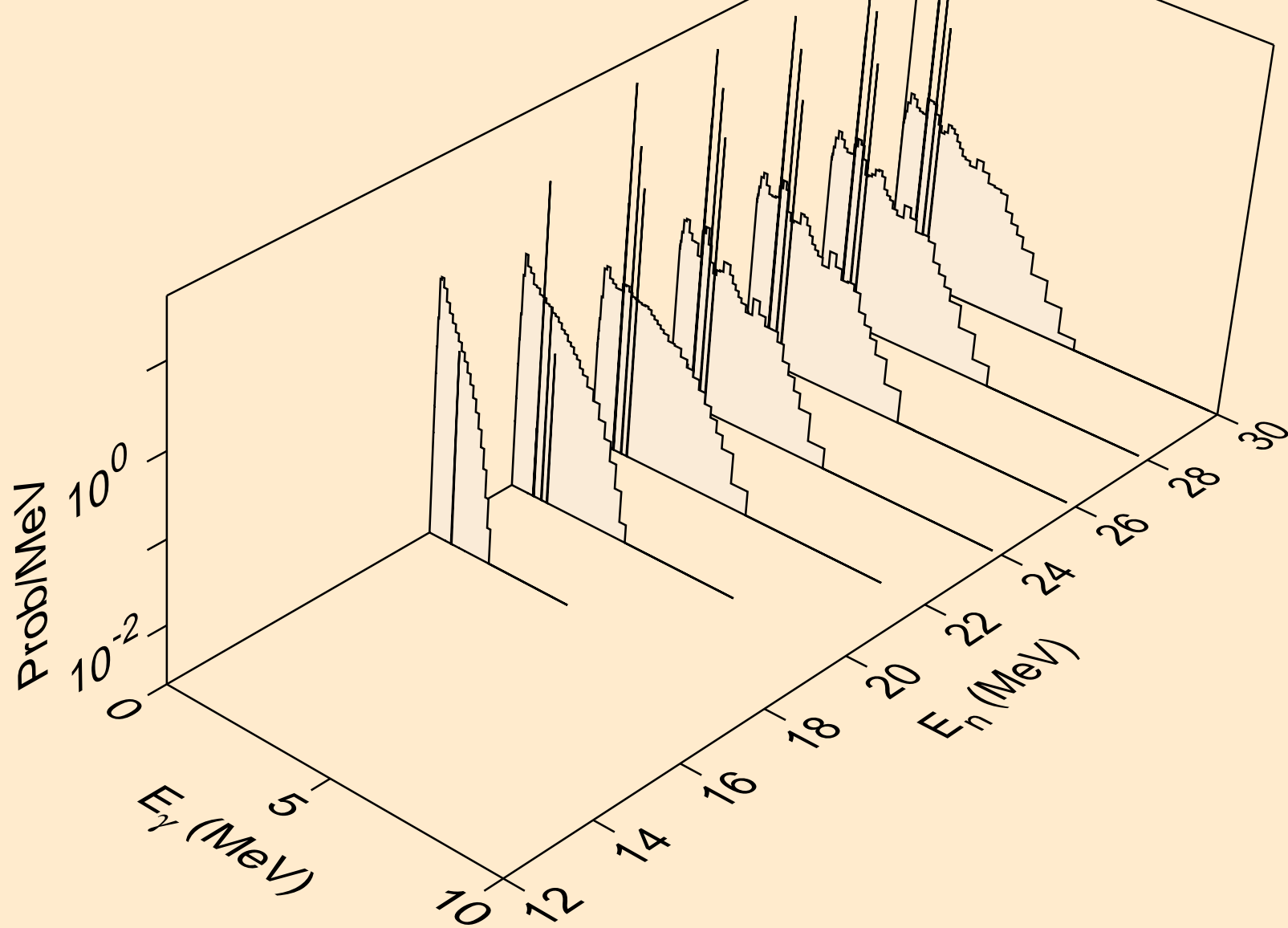
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



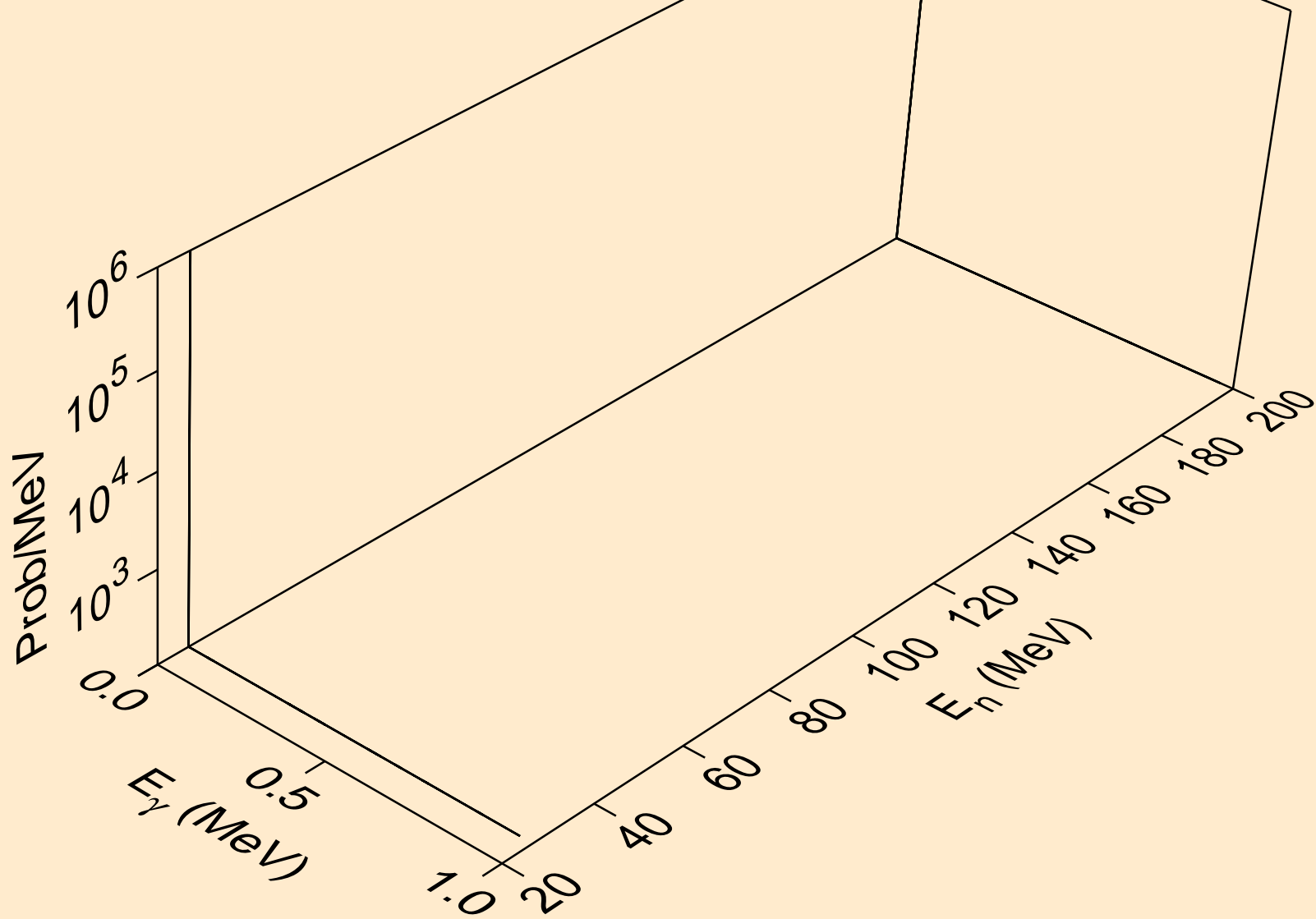
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



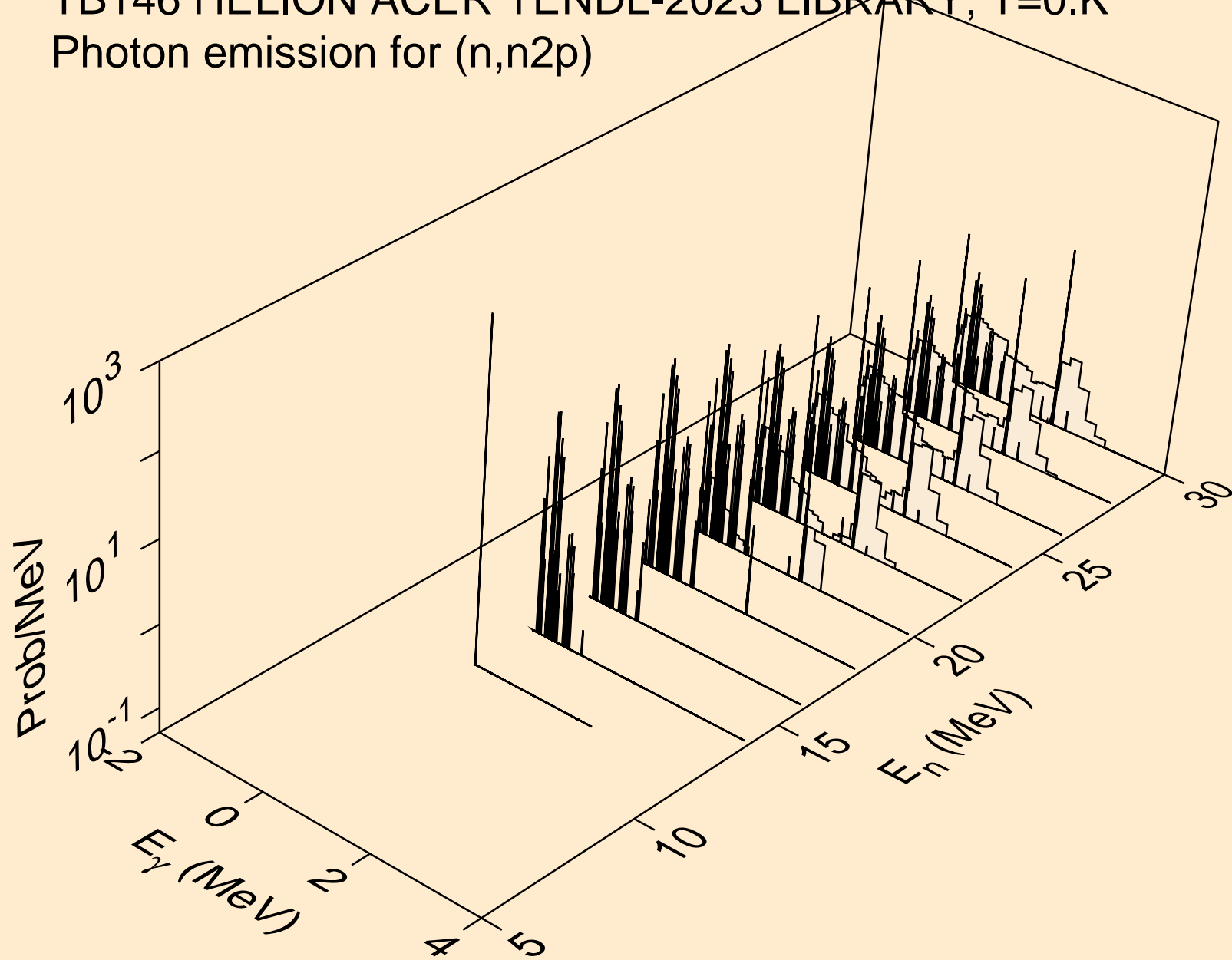
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Photon emission for (n,2np)



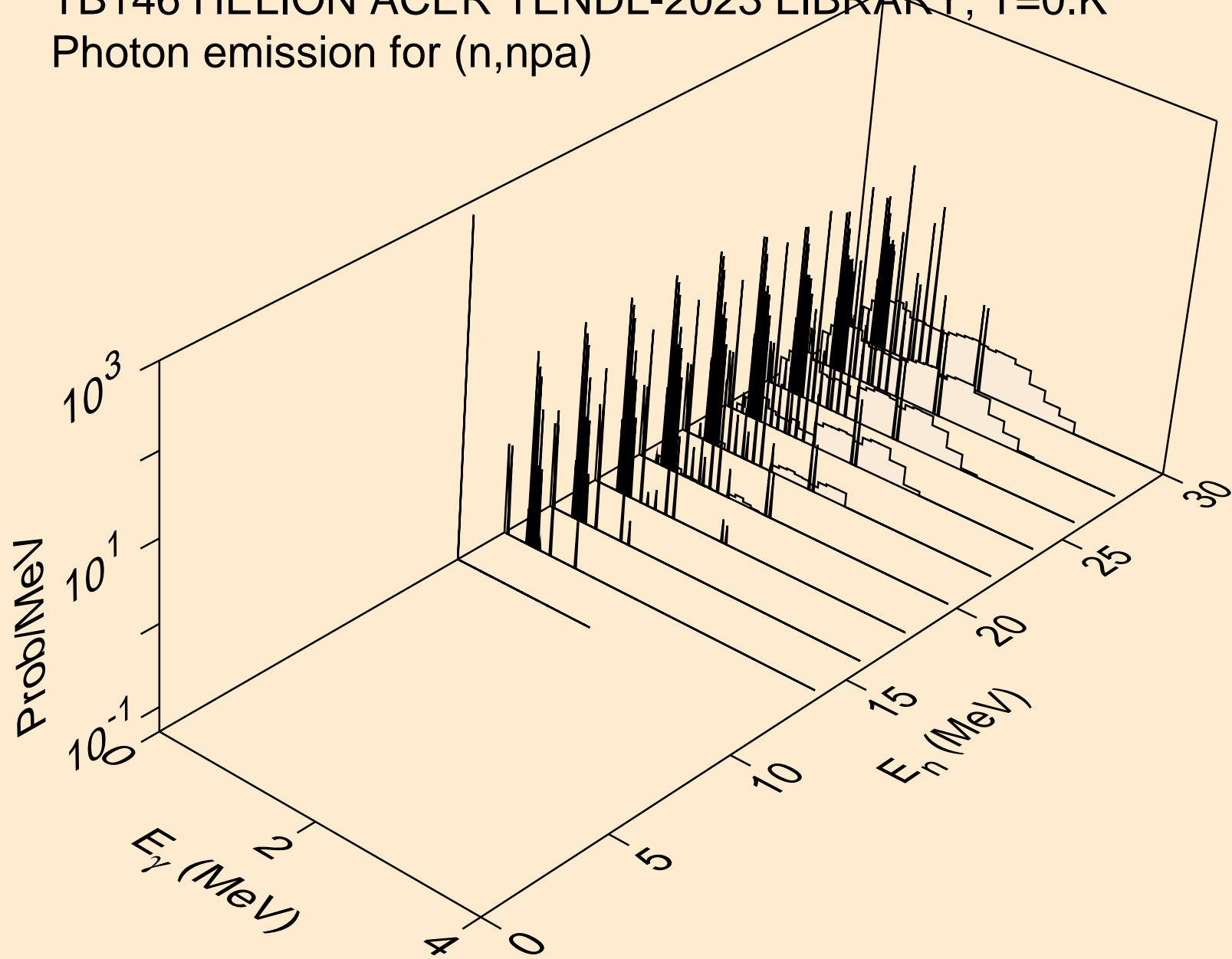
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

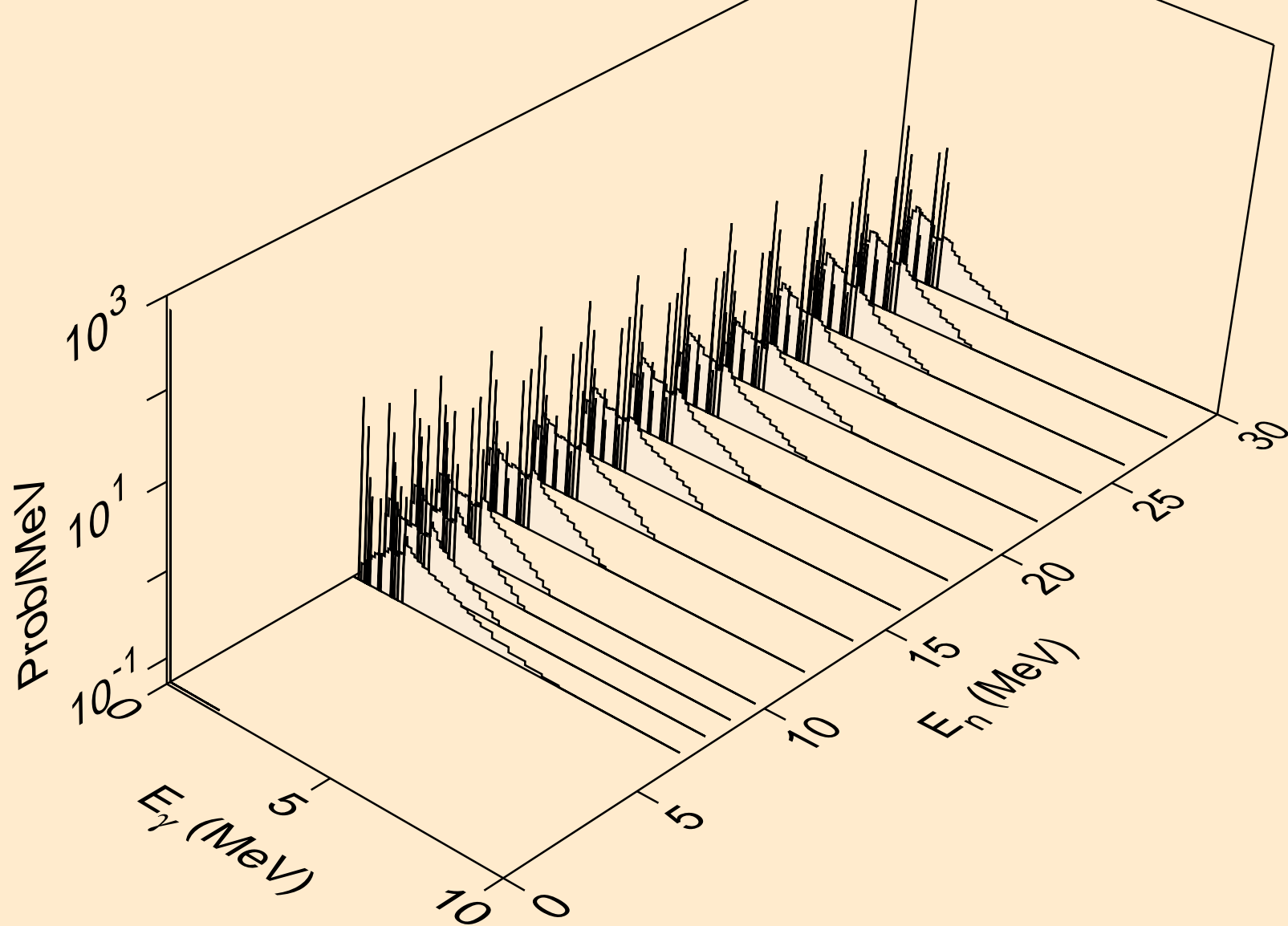


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Photon emission for (n,npa)

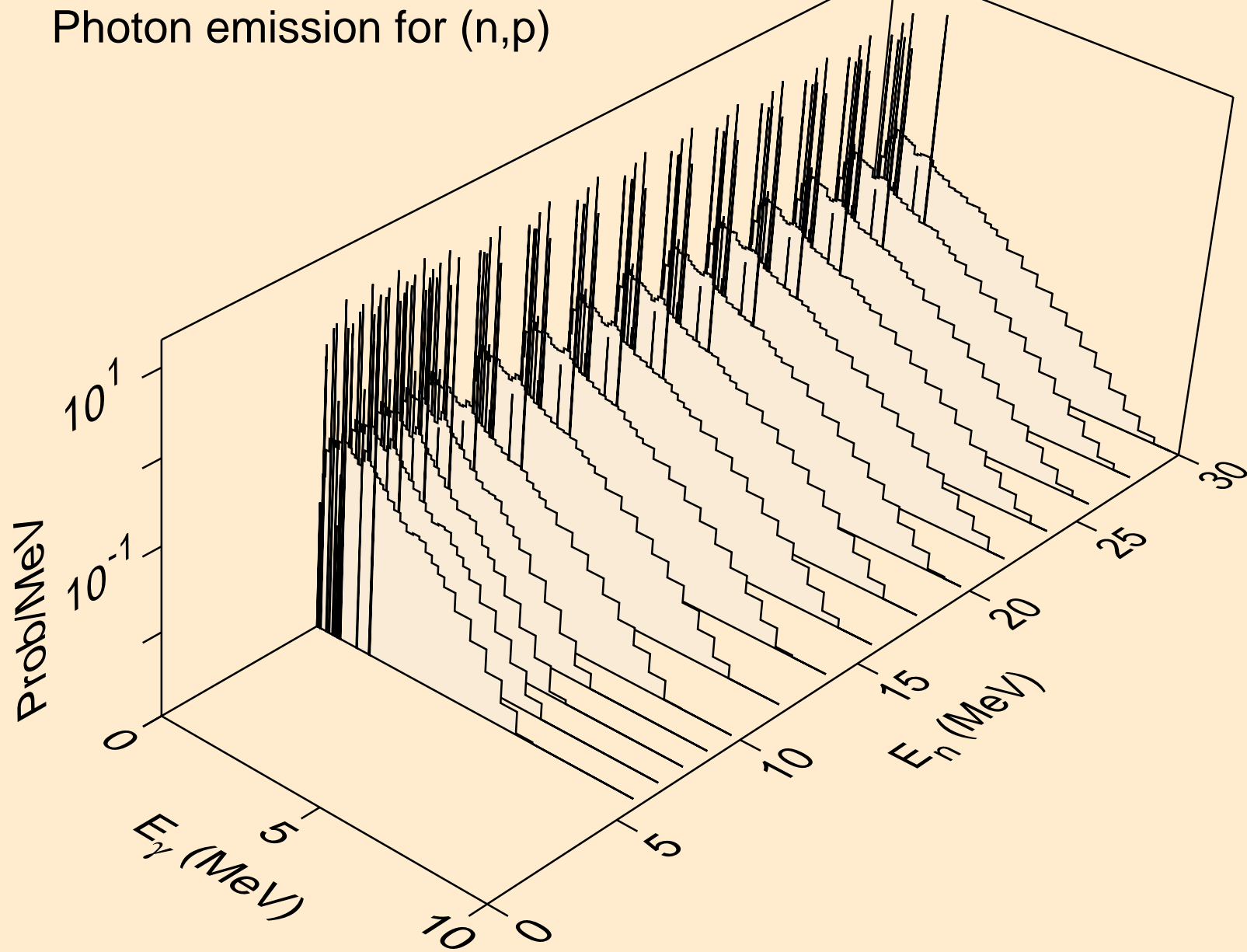




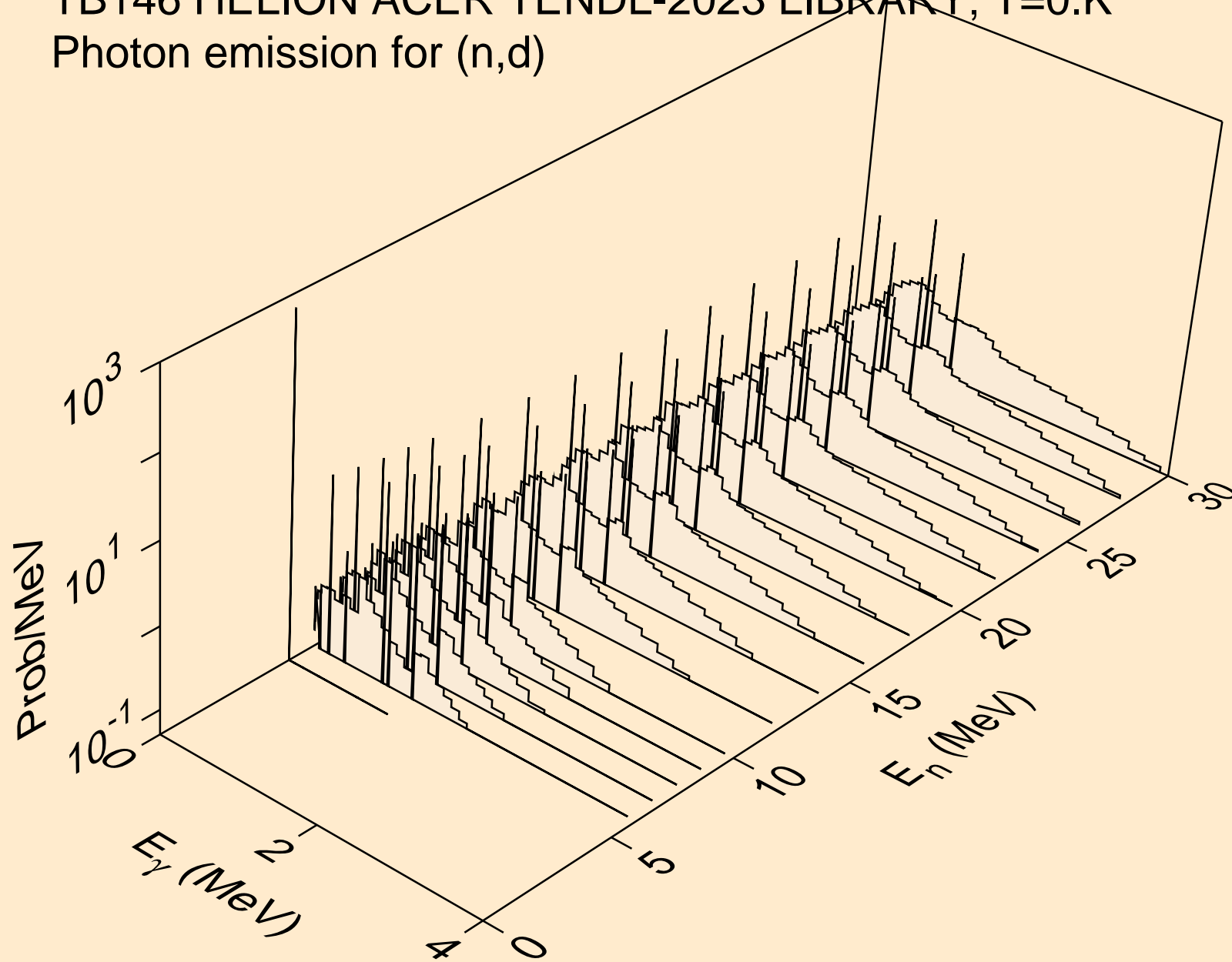
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Photon emission for (n,gma)



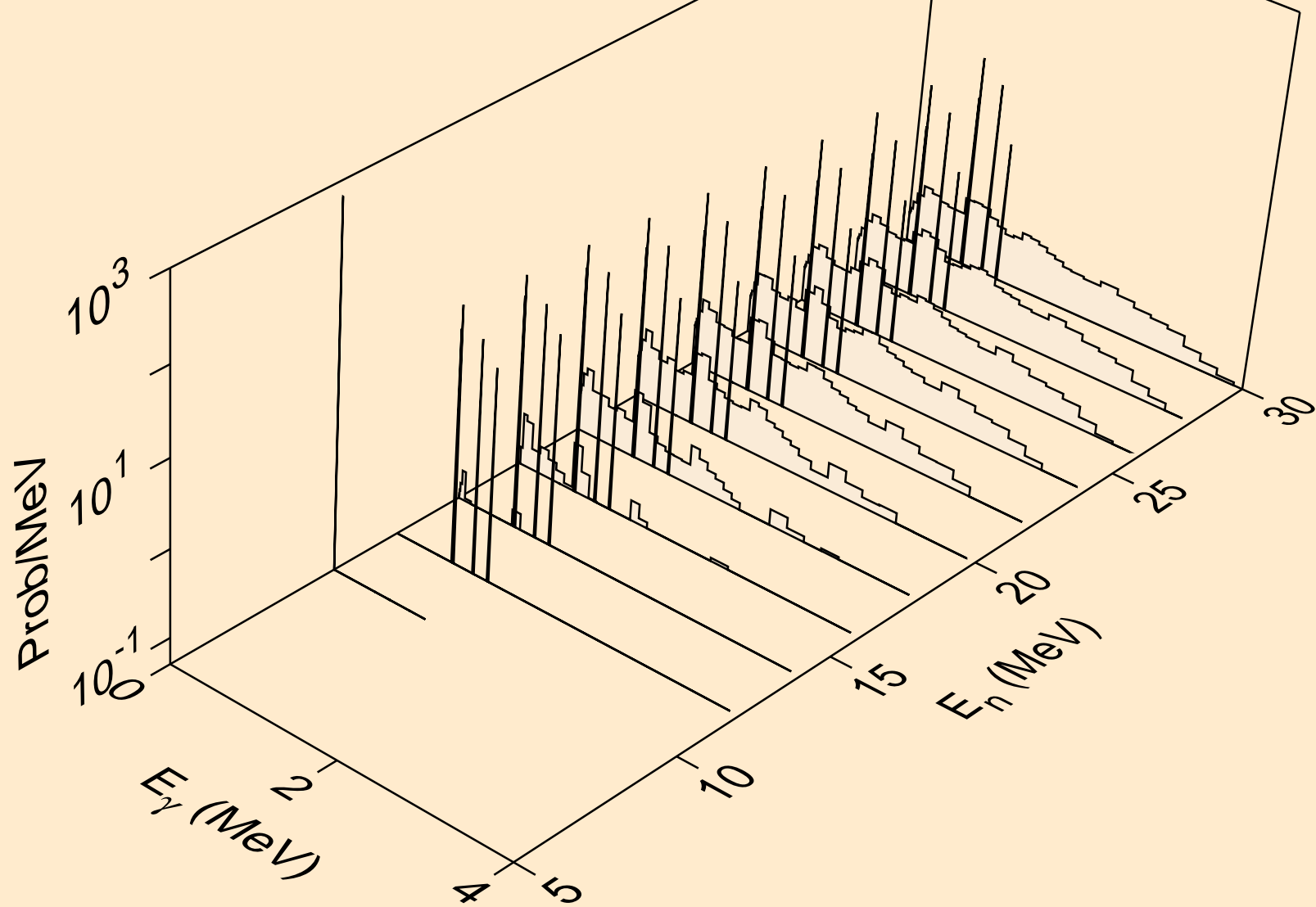
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Photon emission for (n,p)



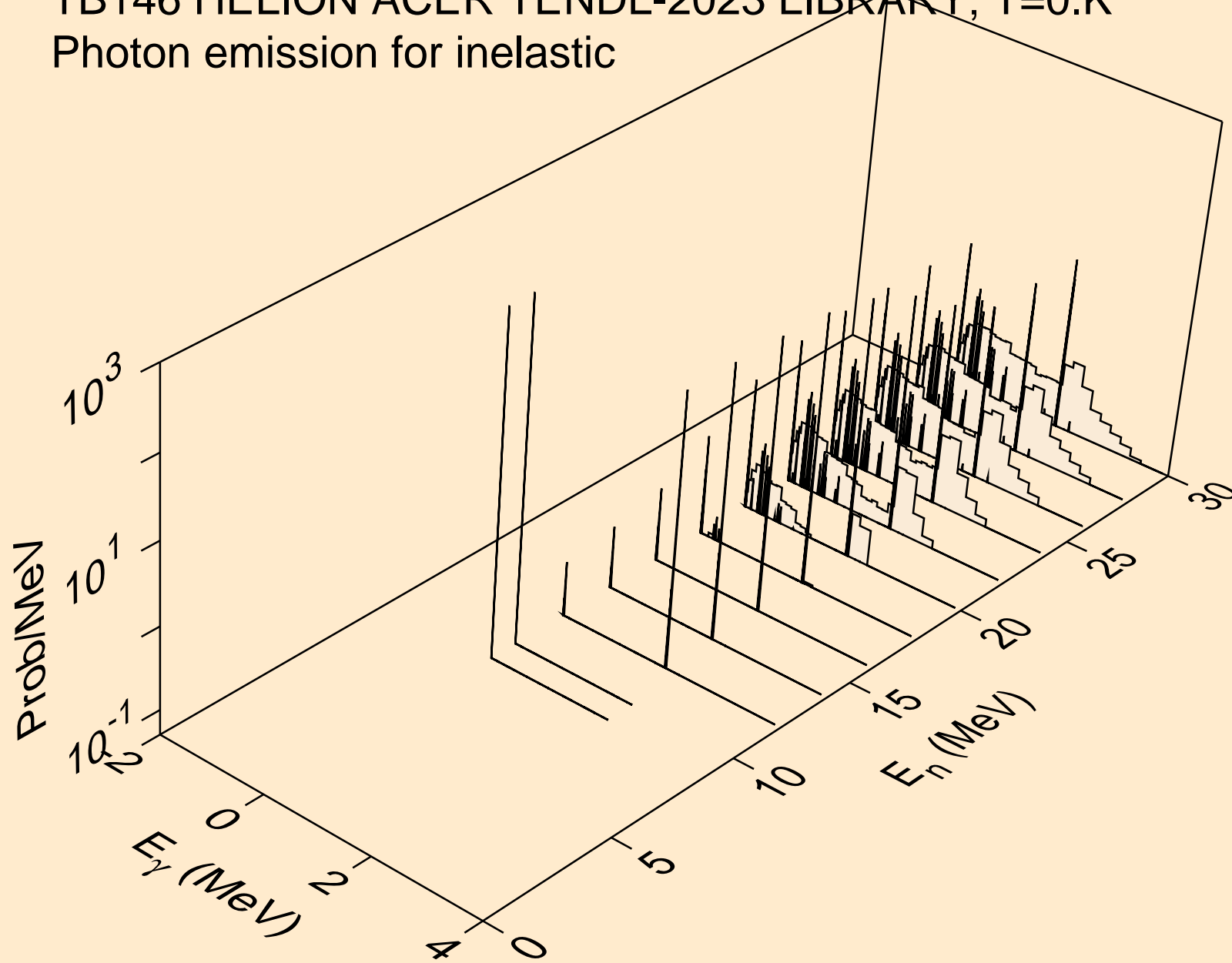
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Photon emission for (n,d)



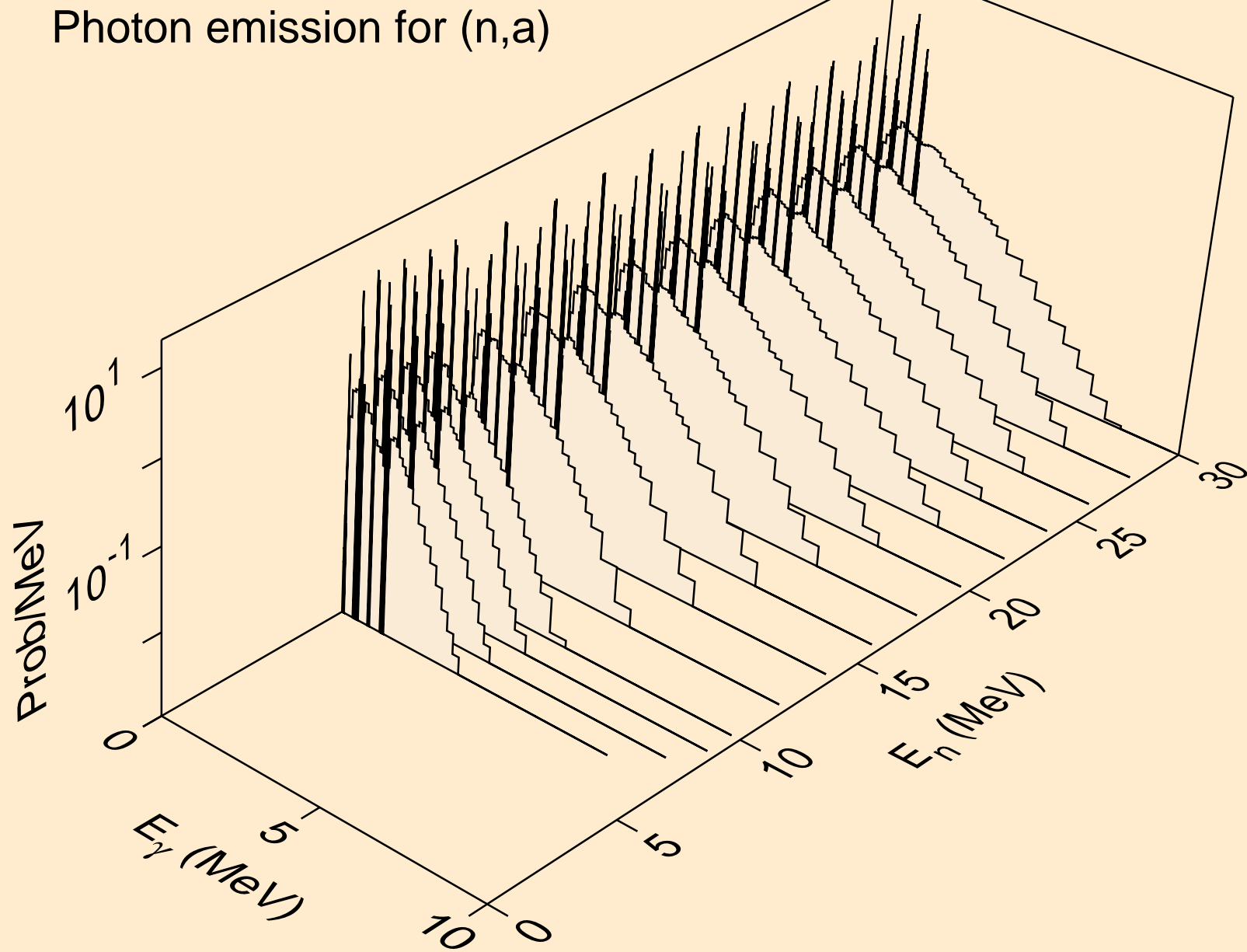
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Photon emission for (n,t)



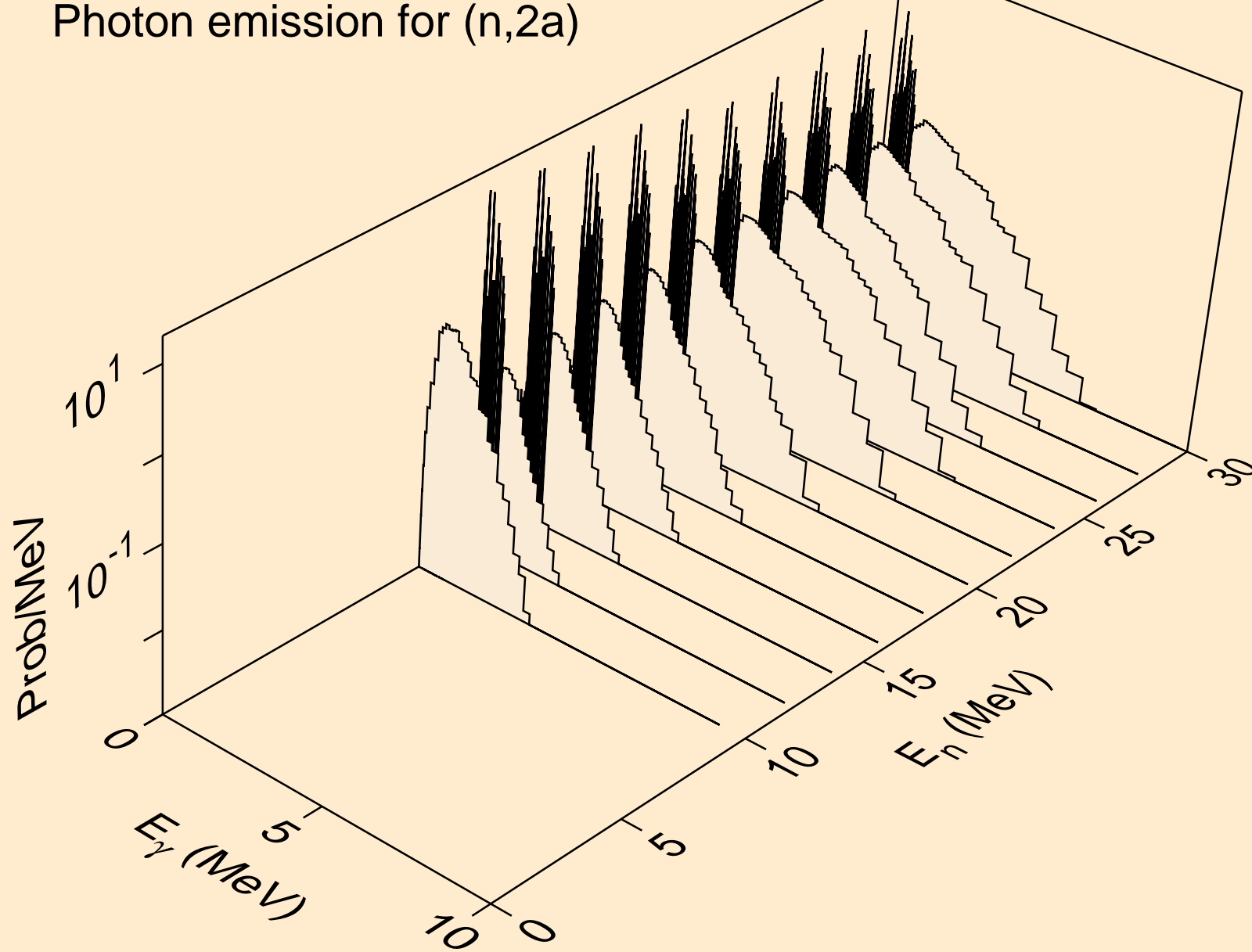
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



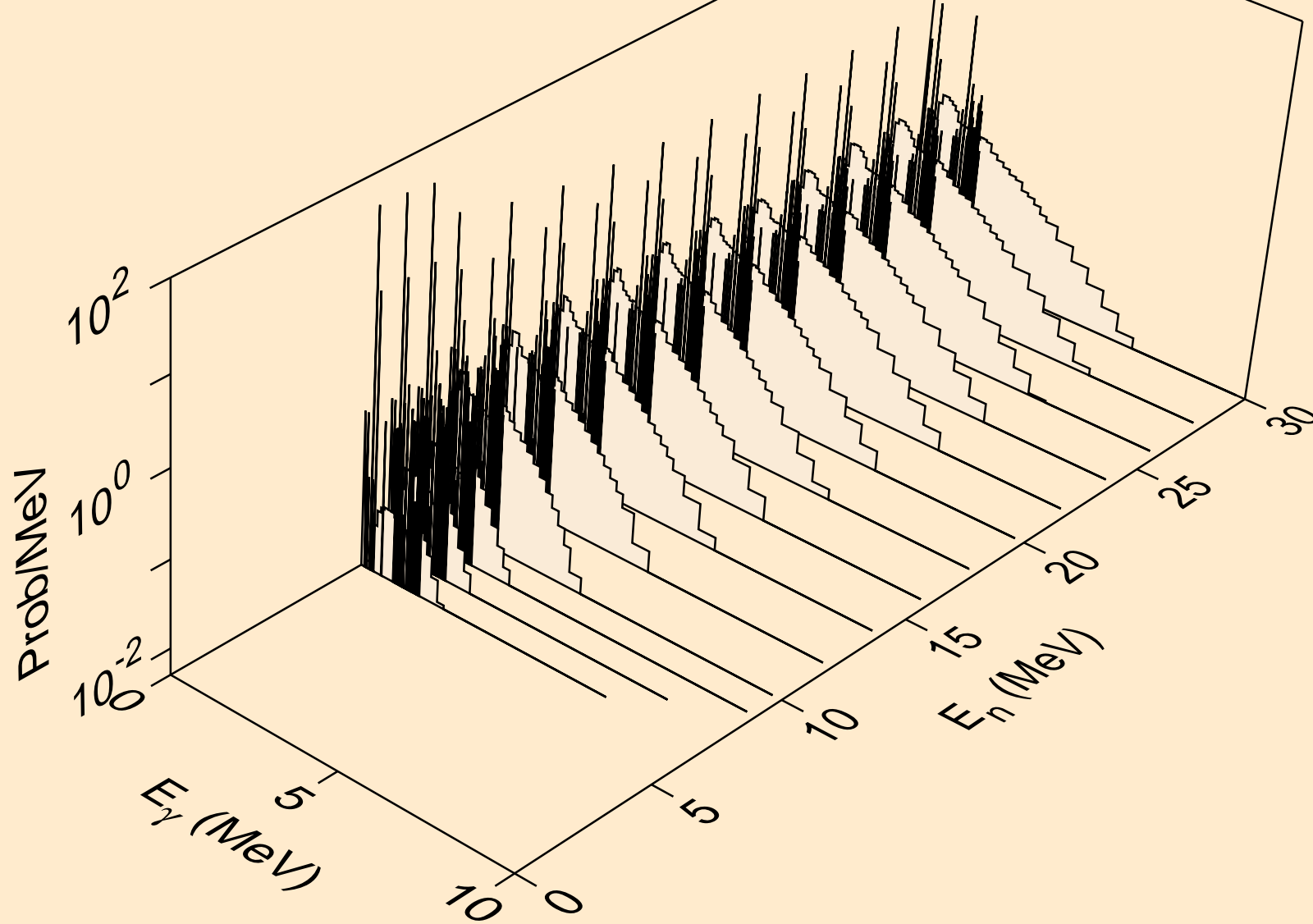
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

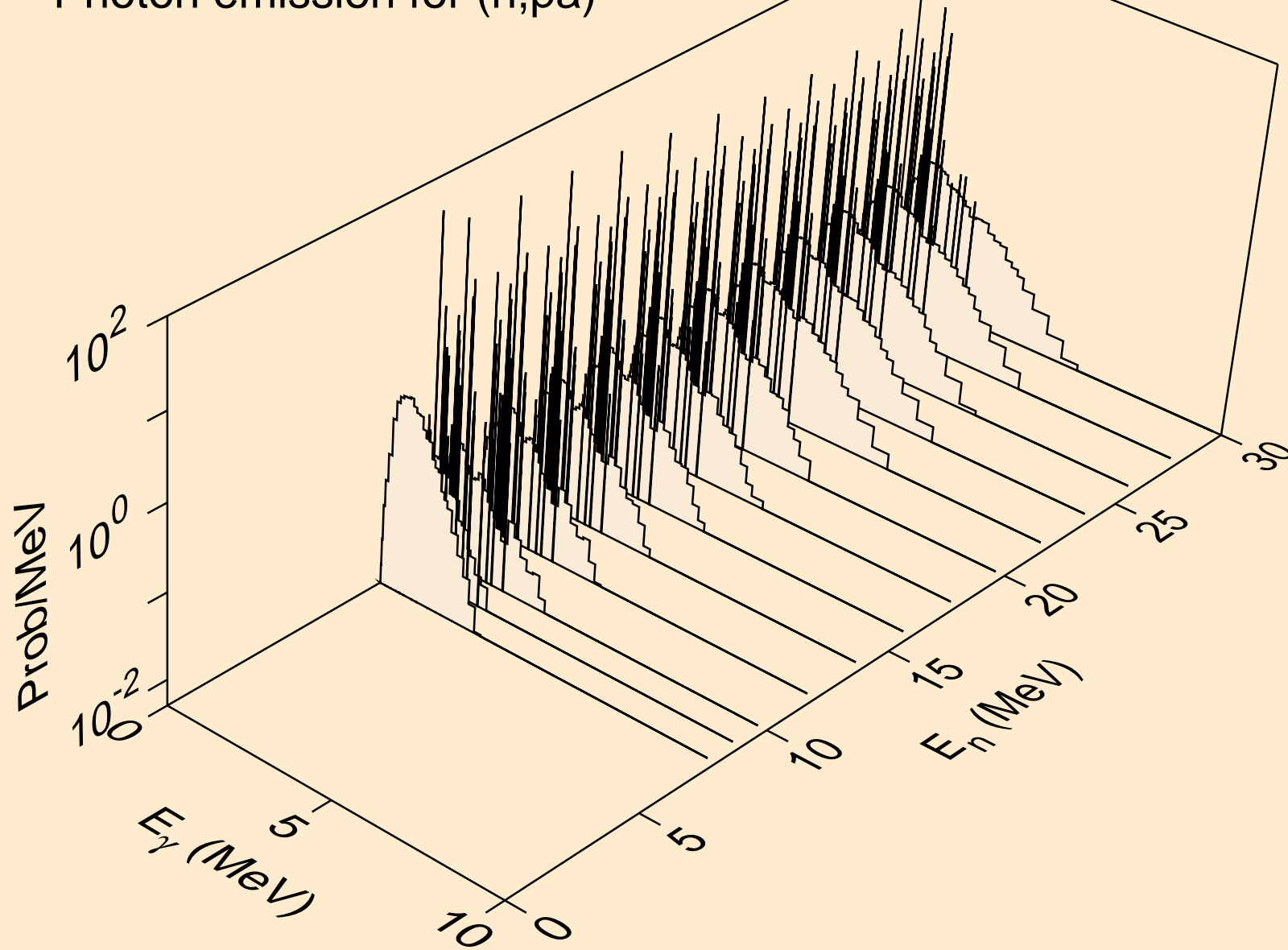


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Photon emission for (n,2p)

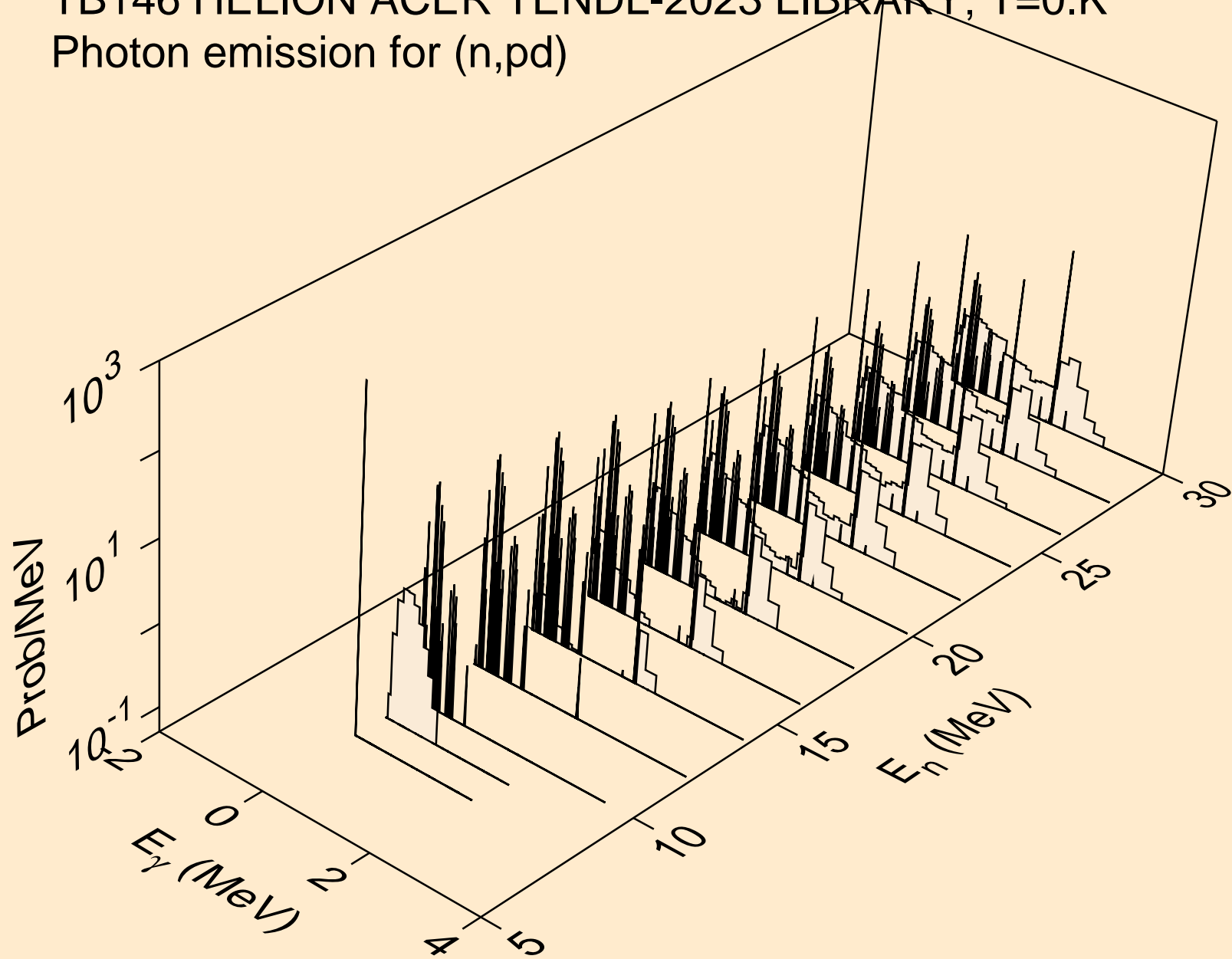




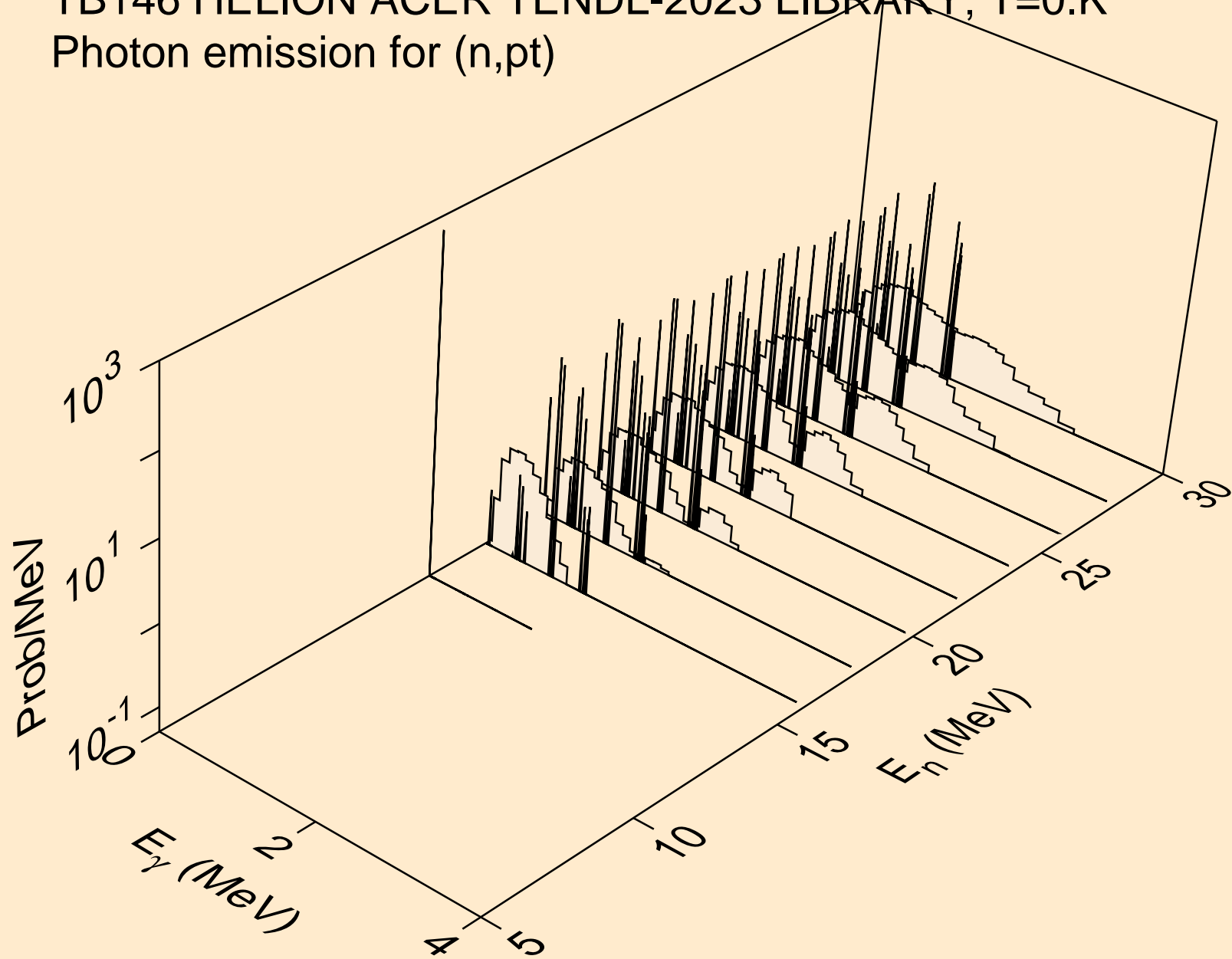
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Photon emission for (n,pa)



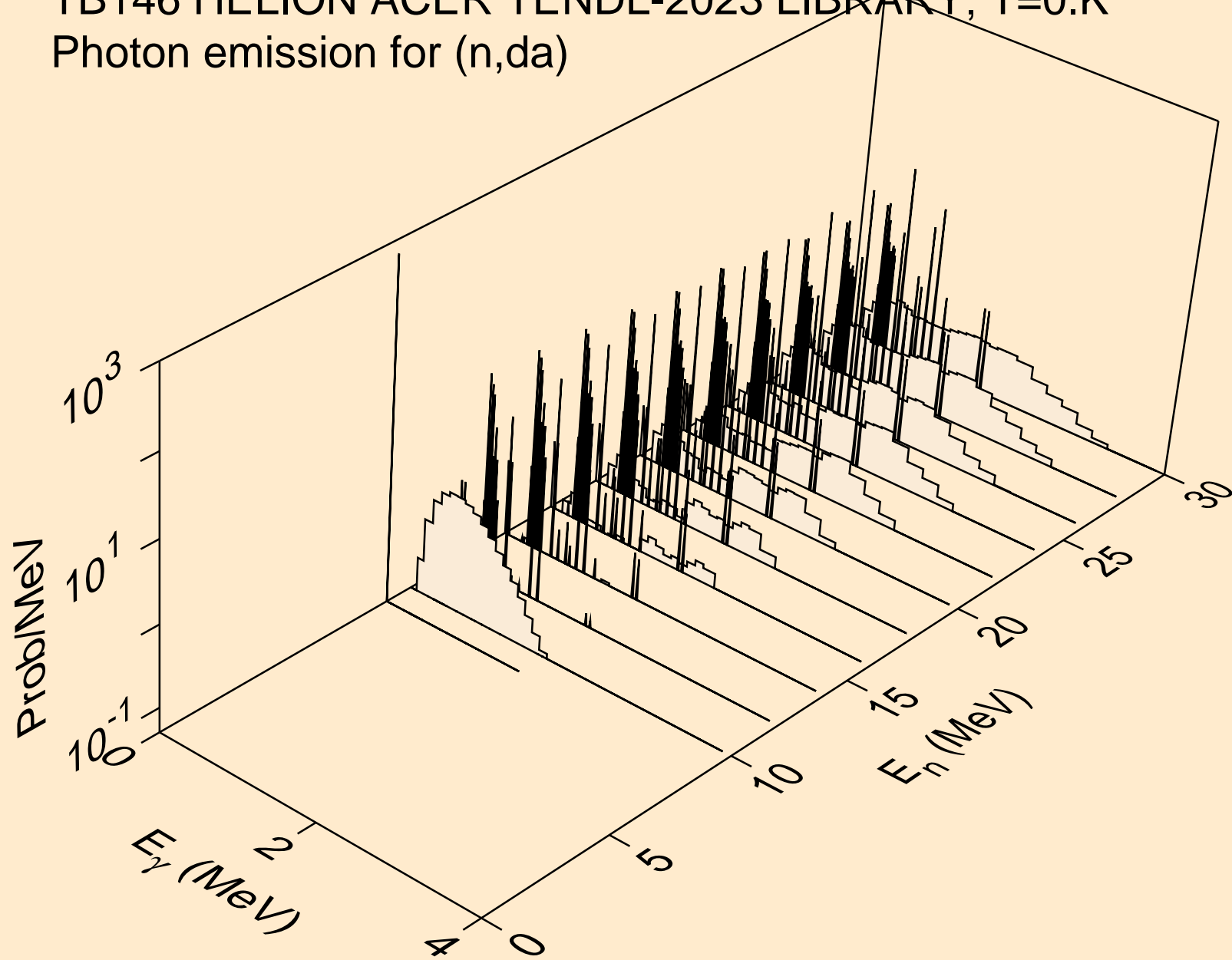
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Photon emission for (n,pd)



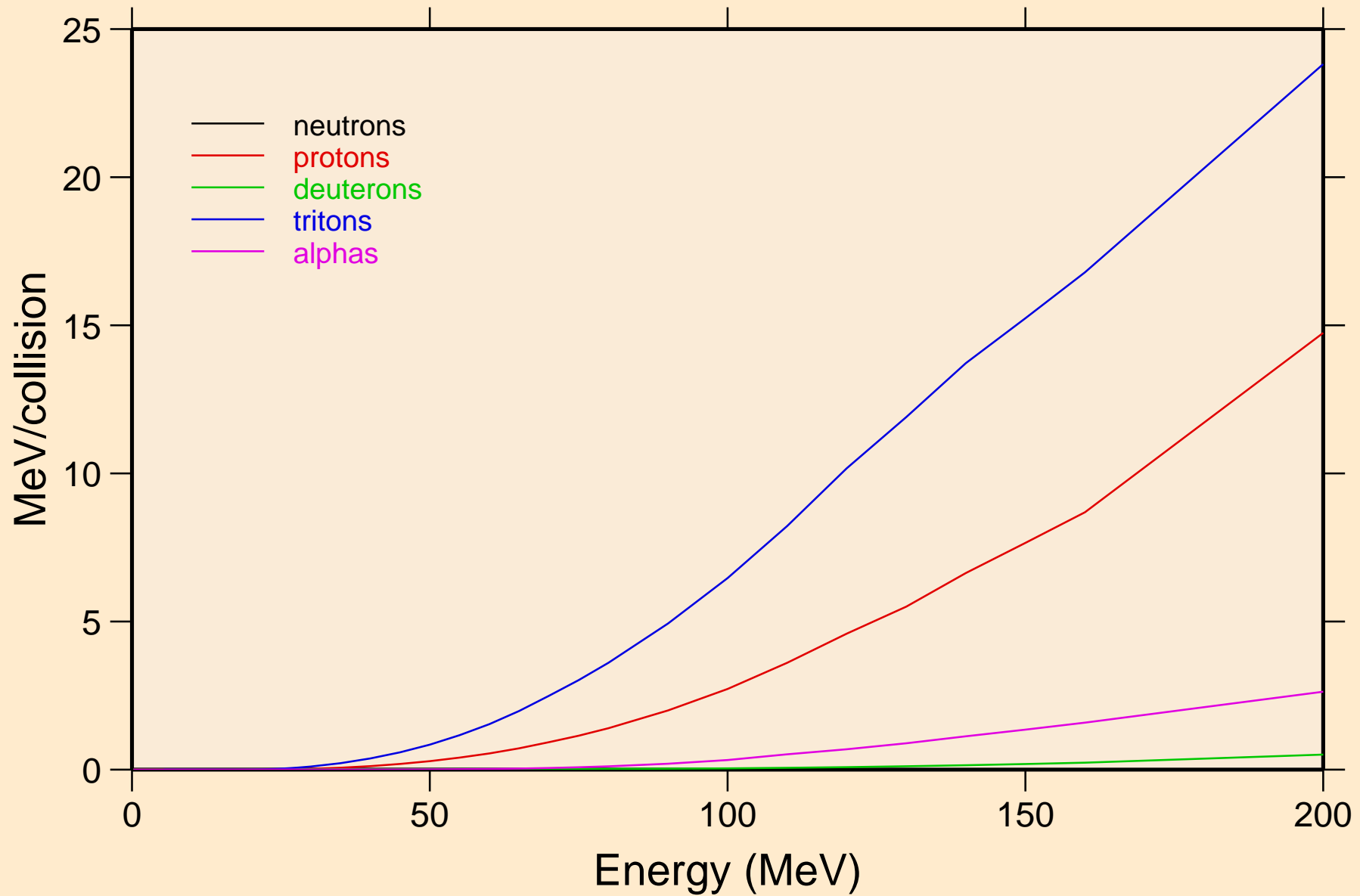
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Photon emission for (n,pt)



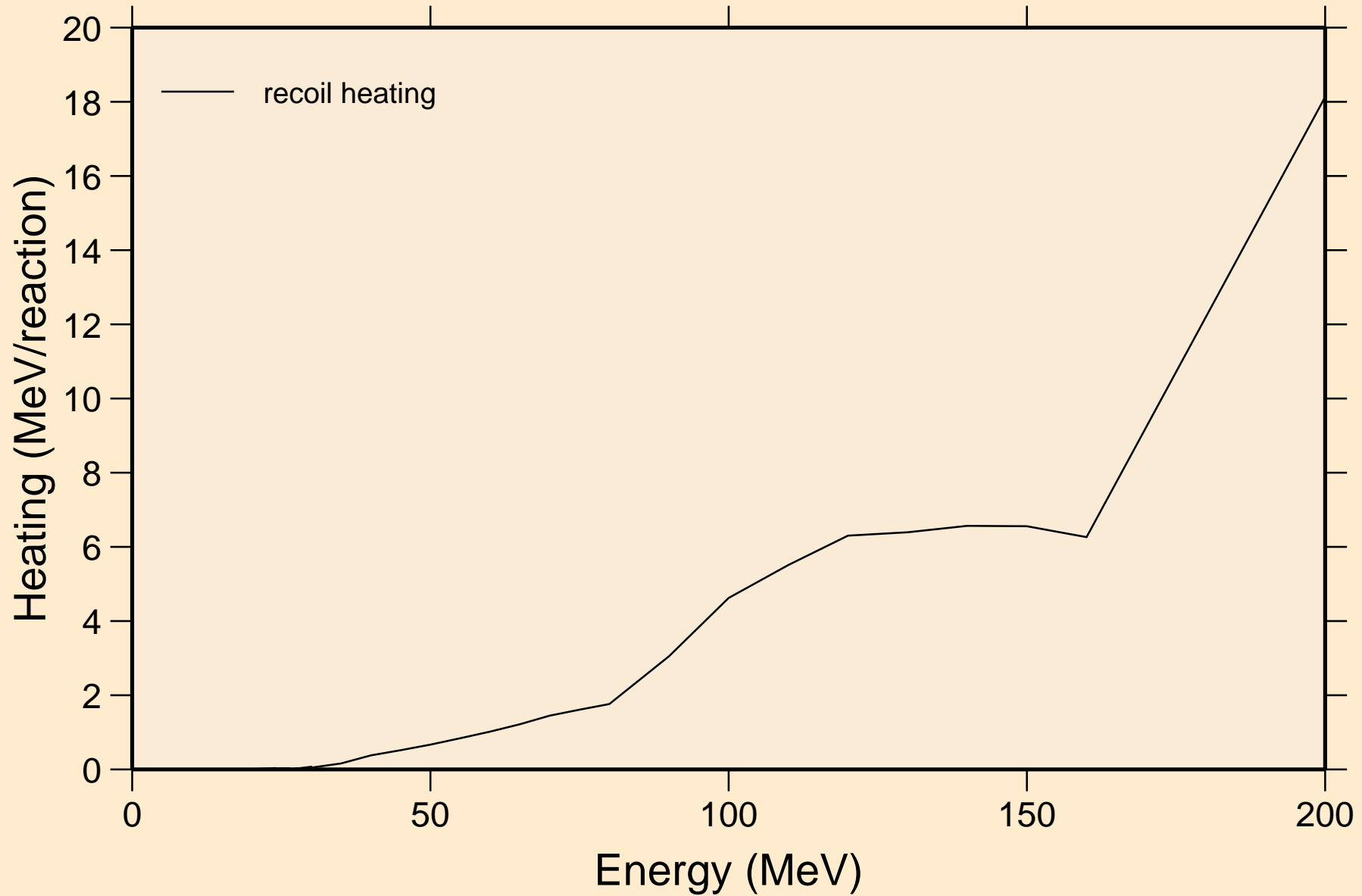
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Photon emission for (n,da)



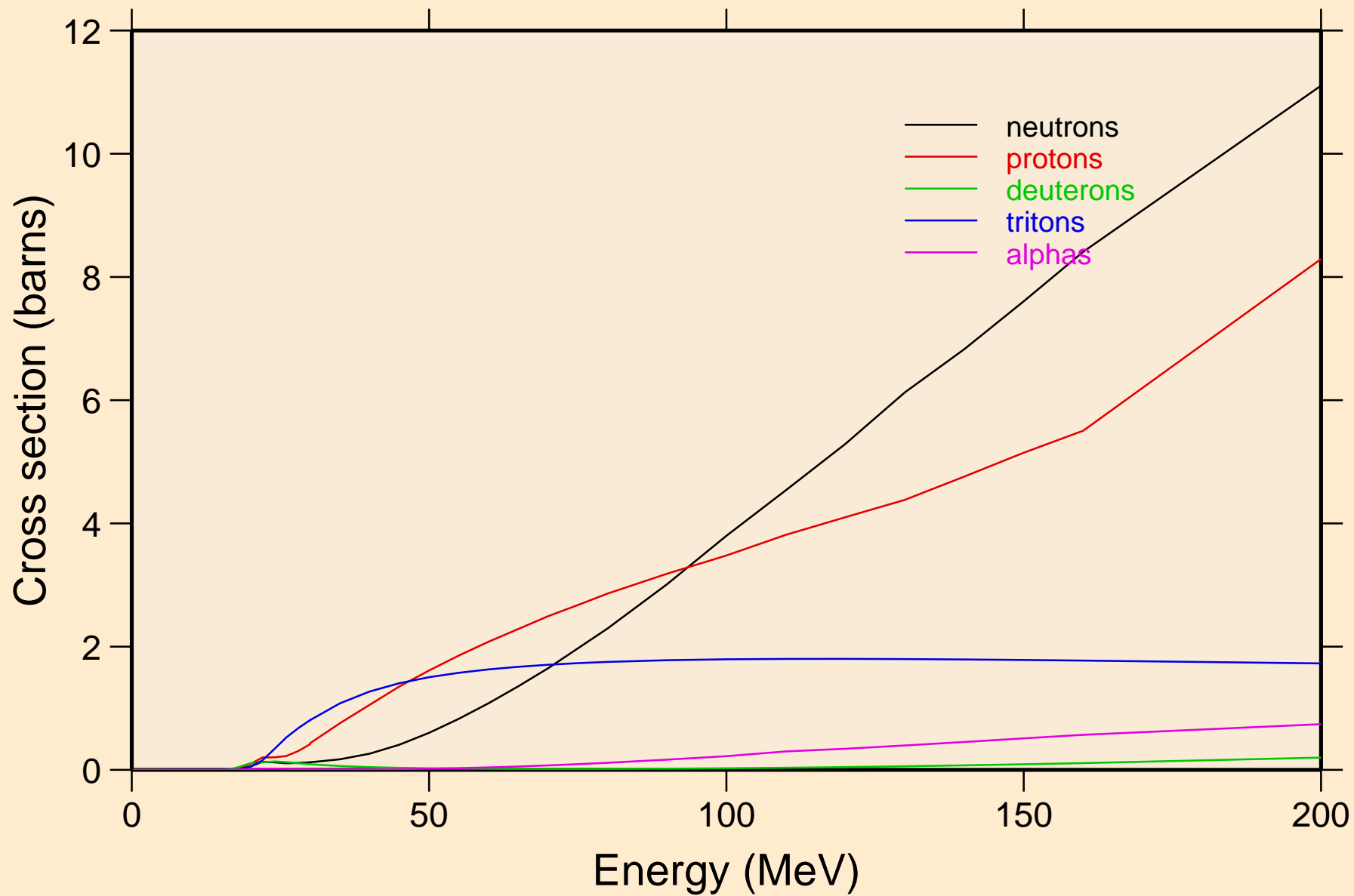
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Particle heating contributions



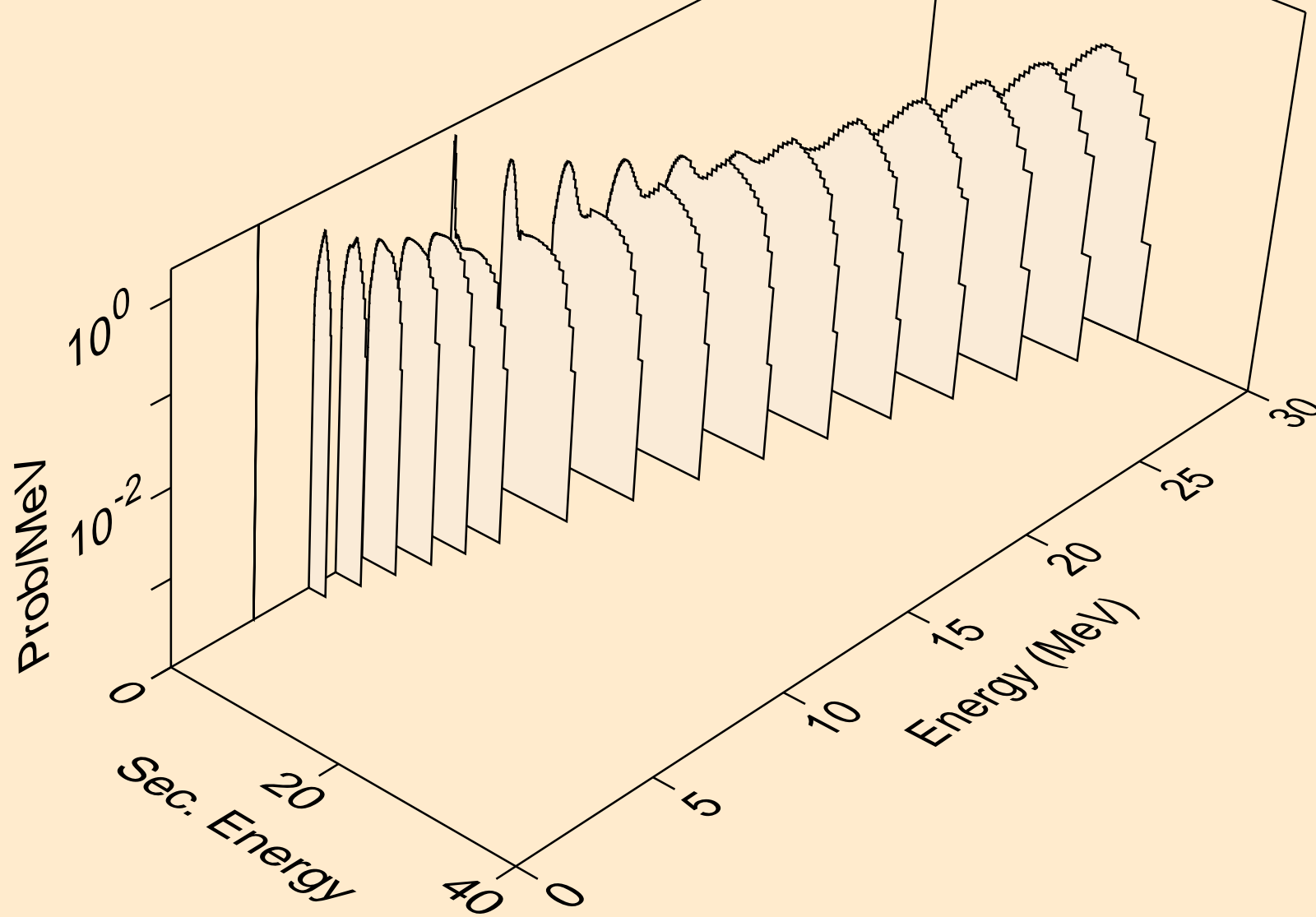
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

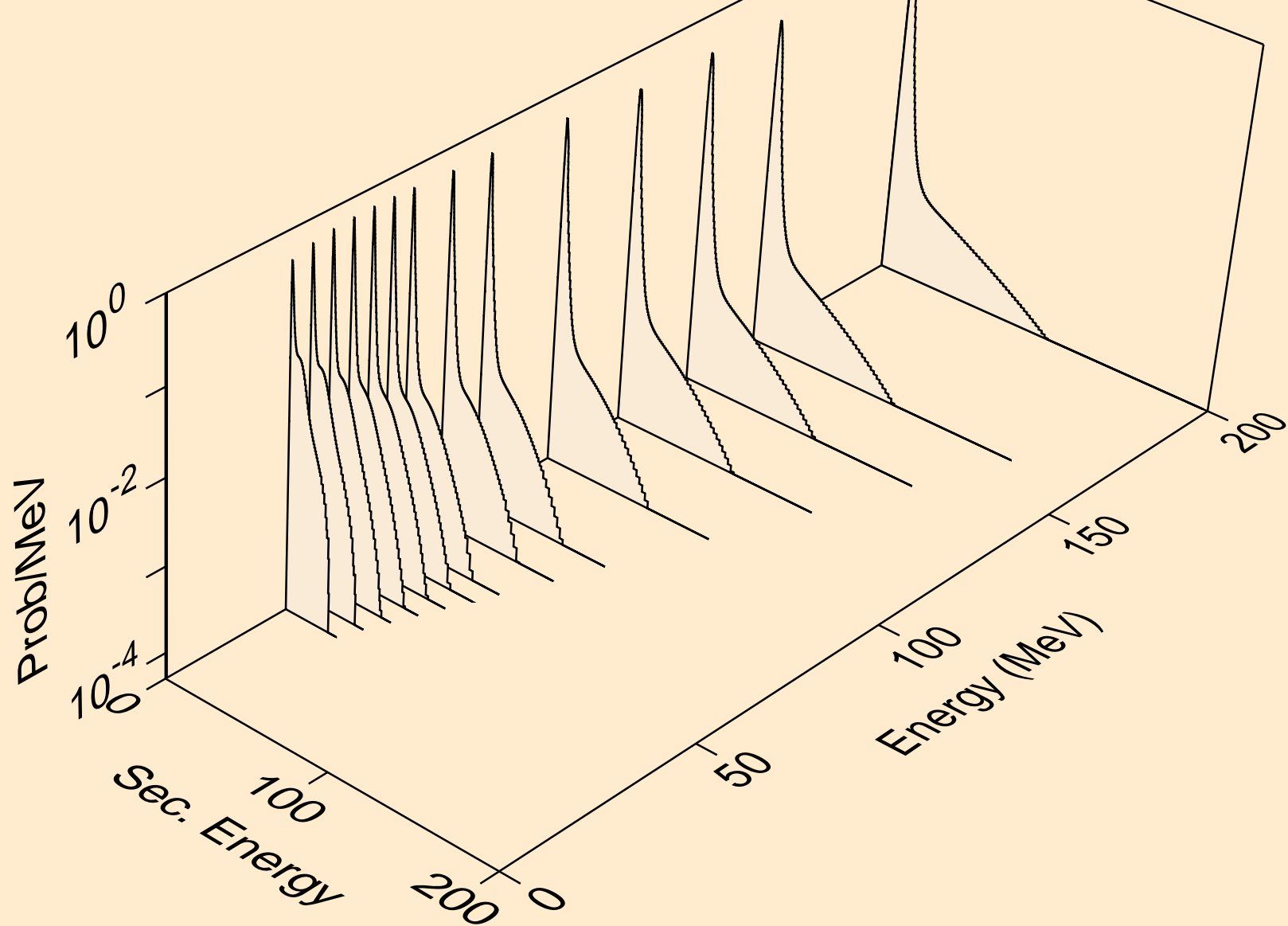


TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)

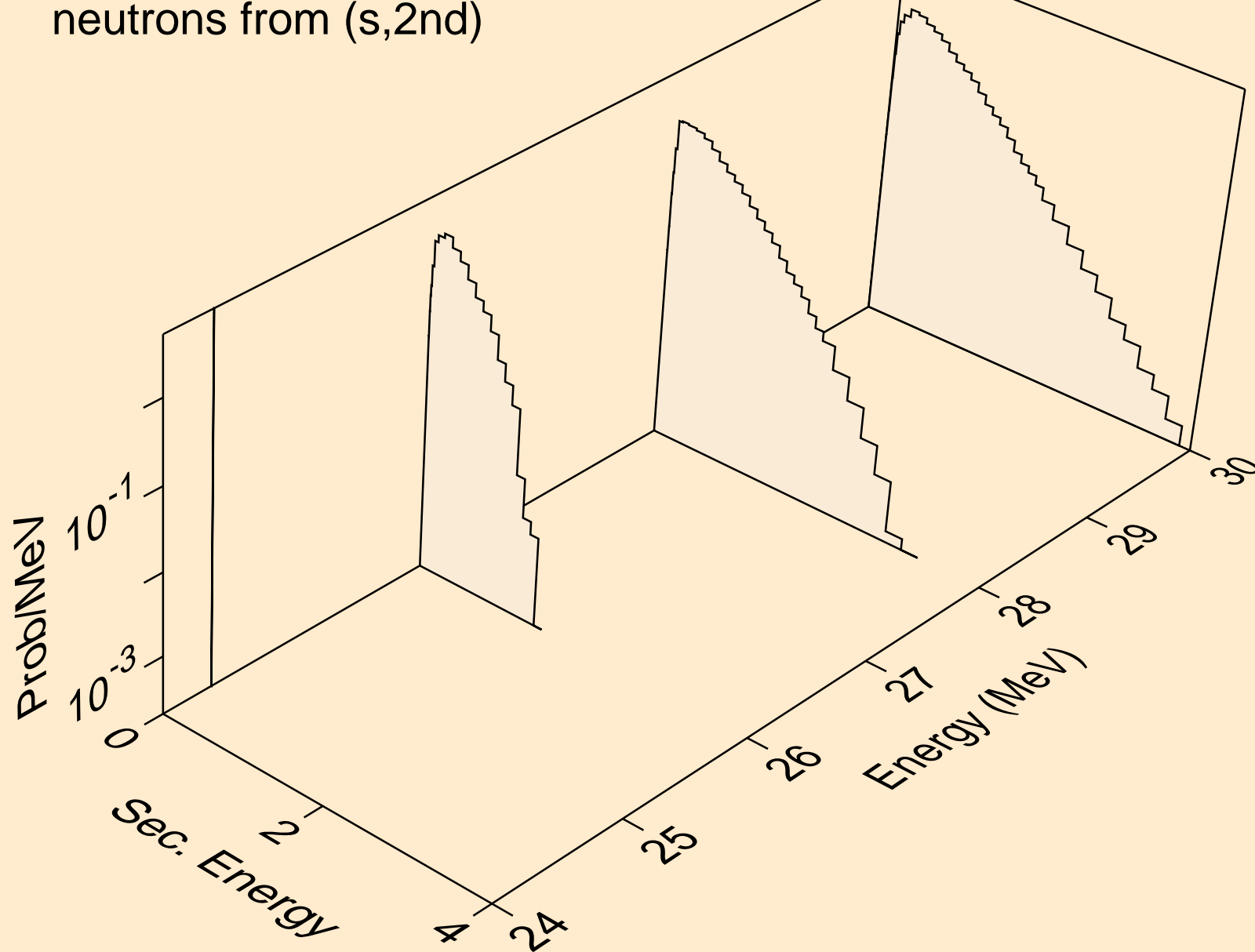




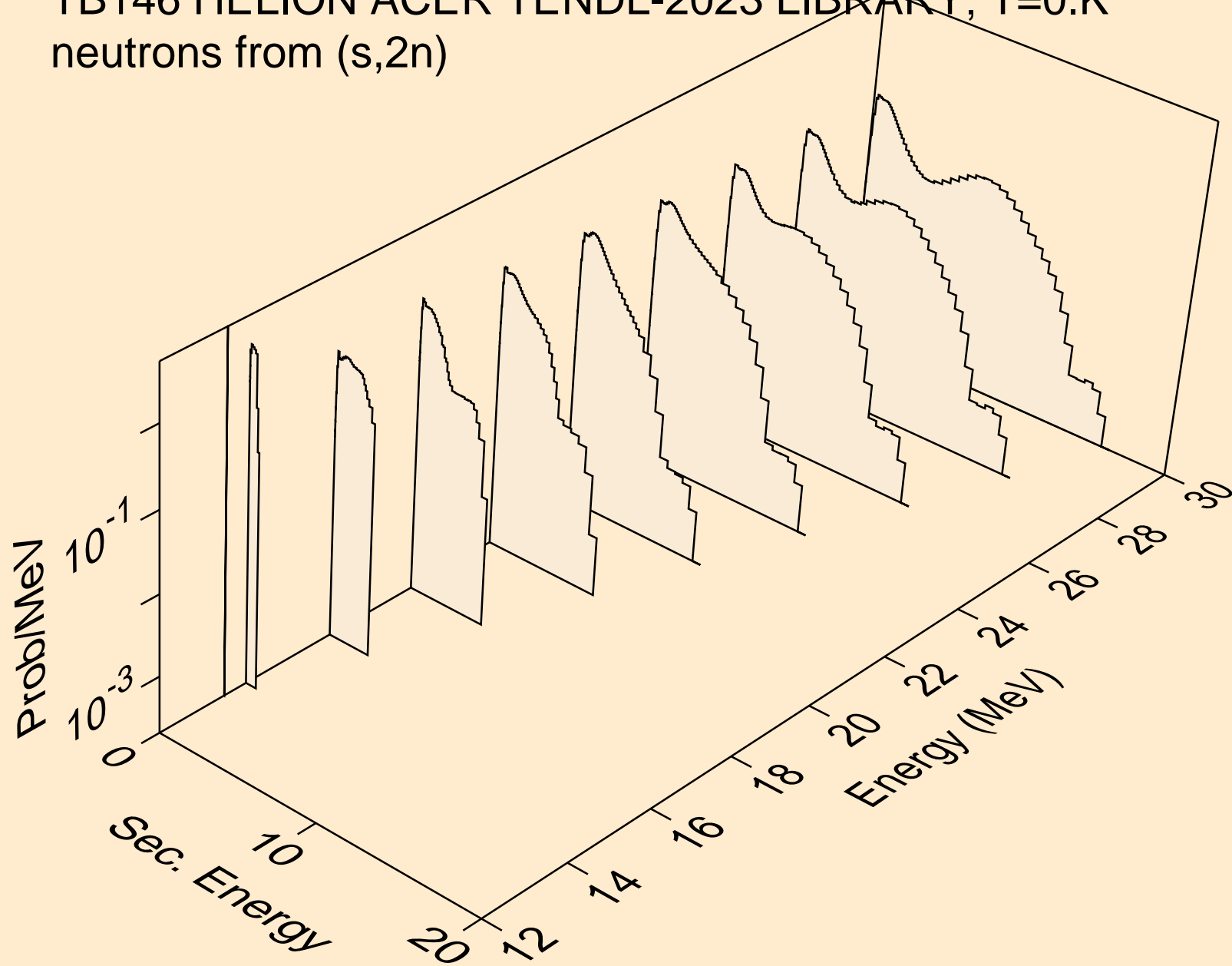
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neutrons from (s,x)



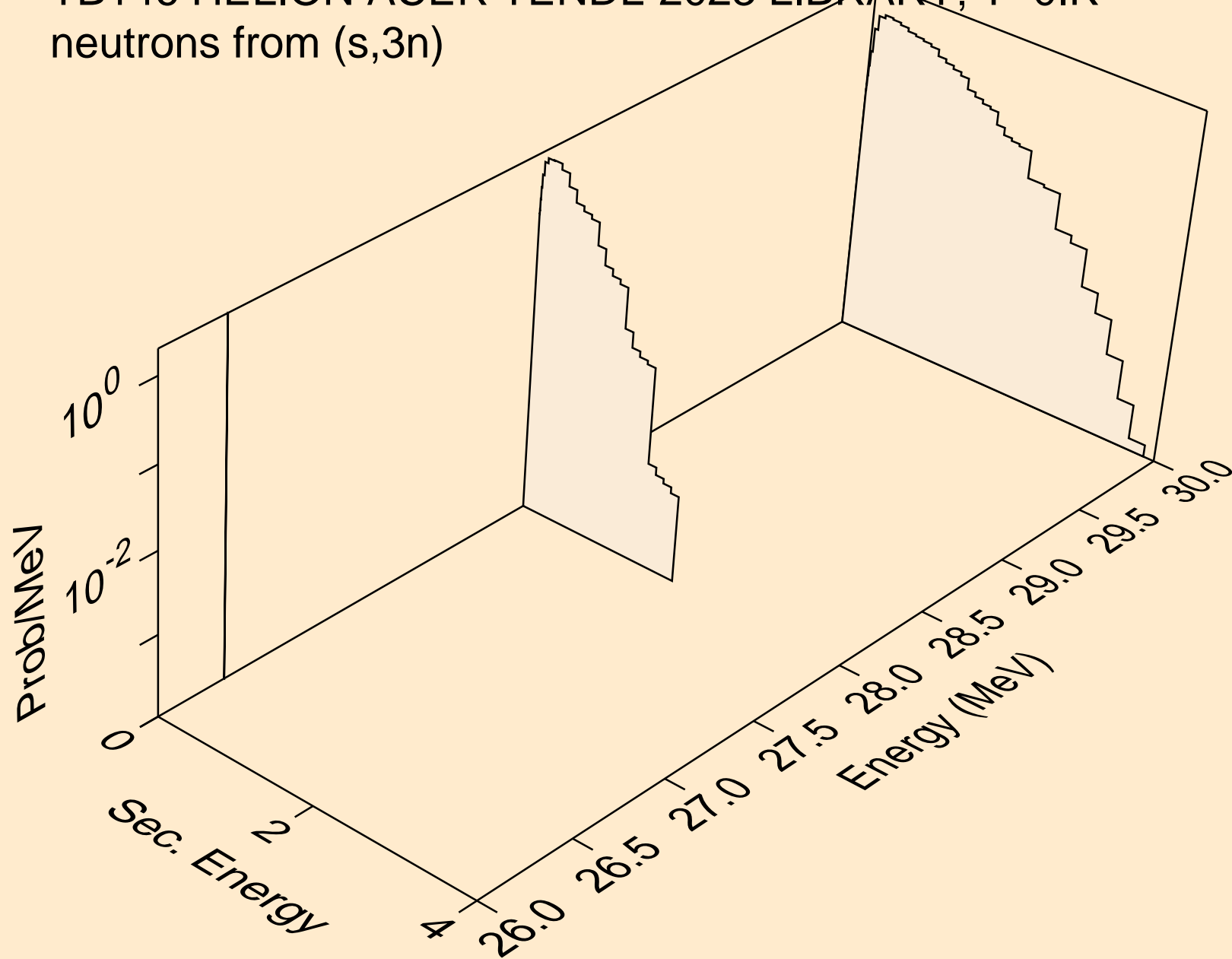
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neutrons from (s,2nd)



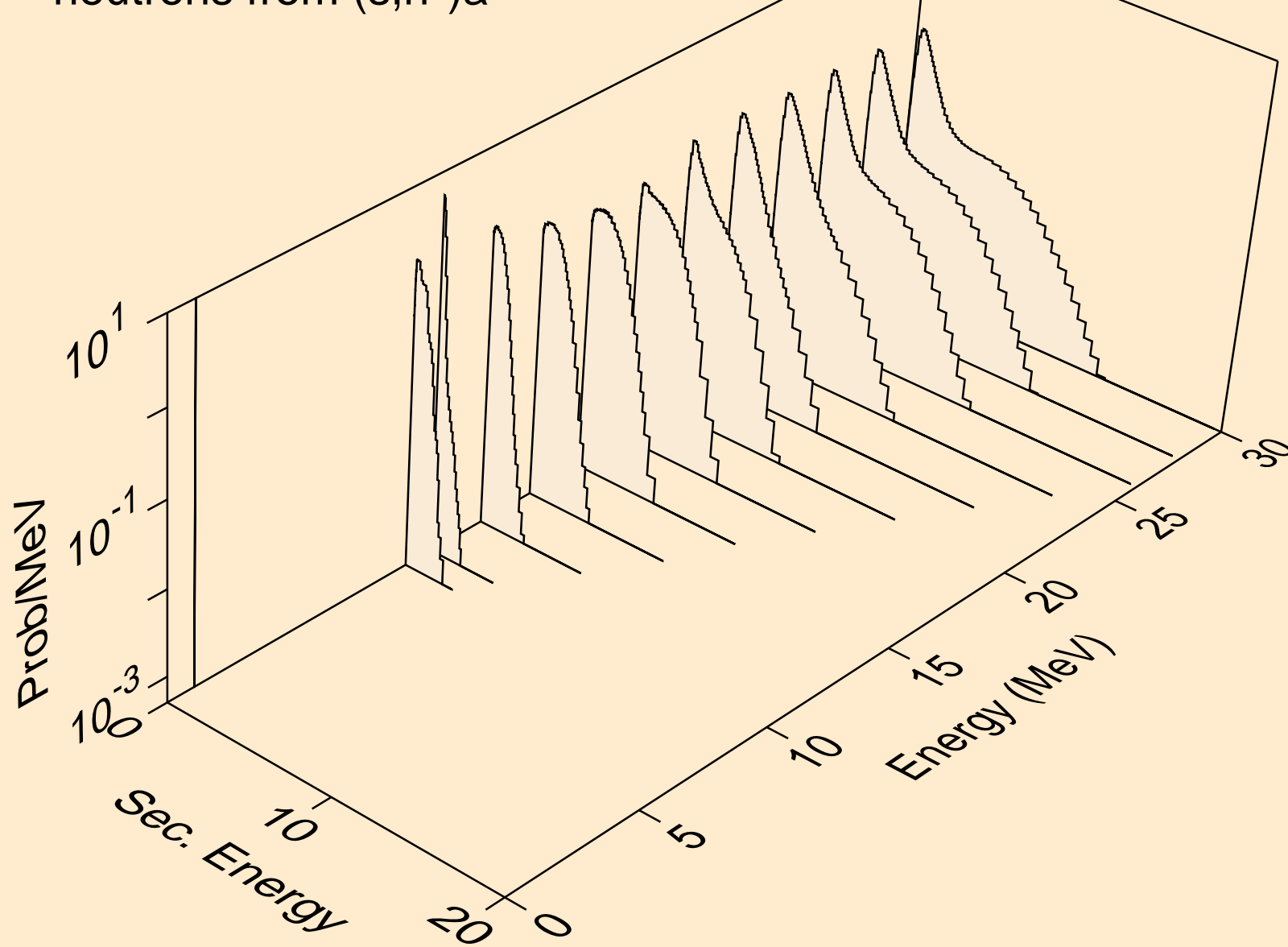
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neutrons from (s,2n)



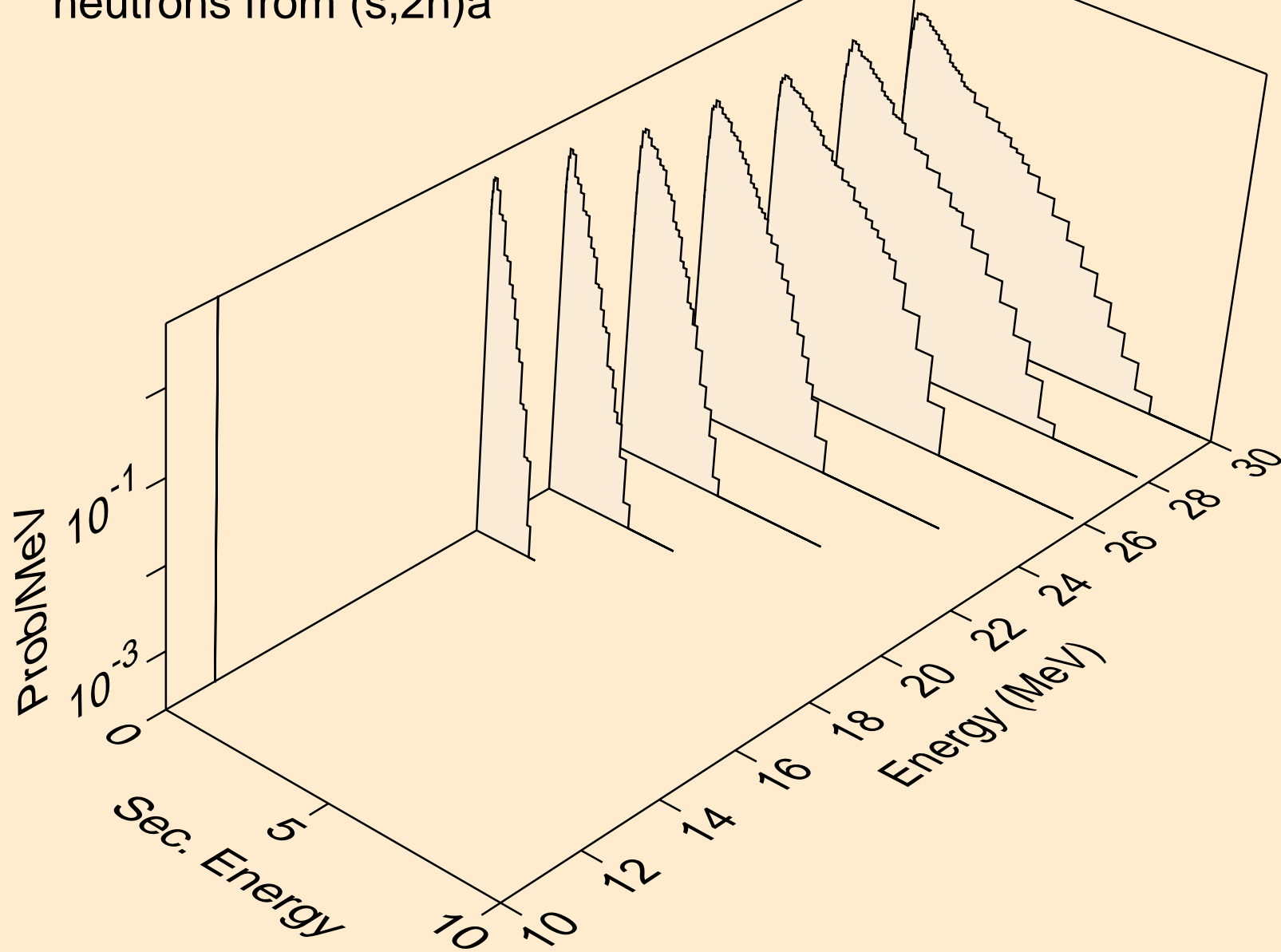
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



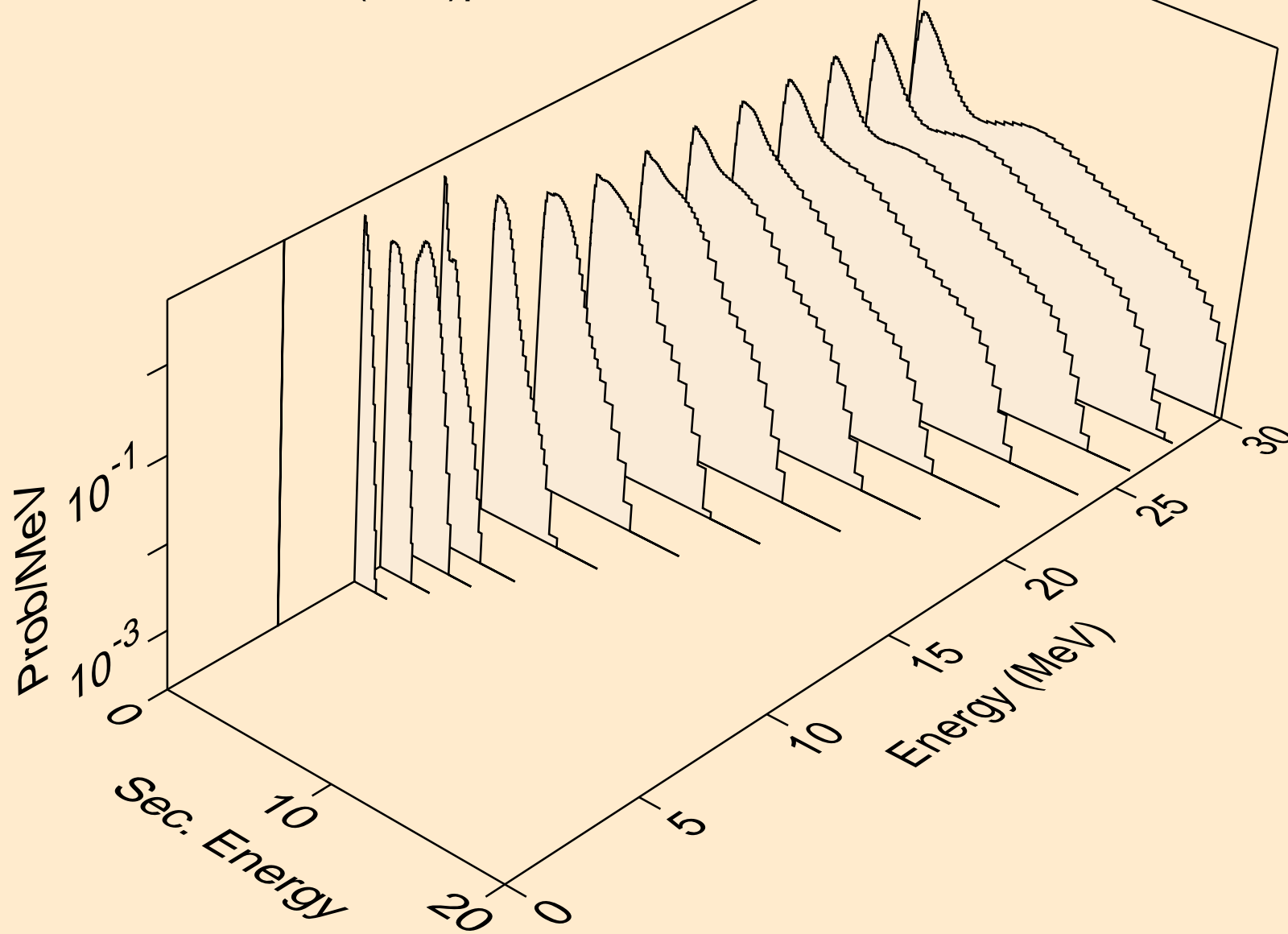
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a



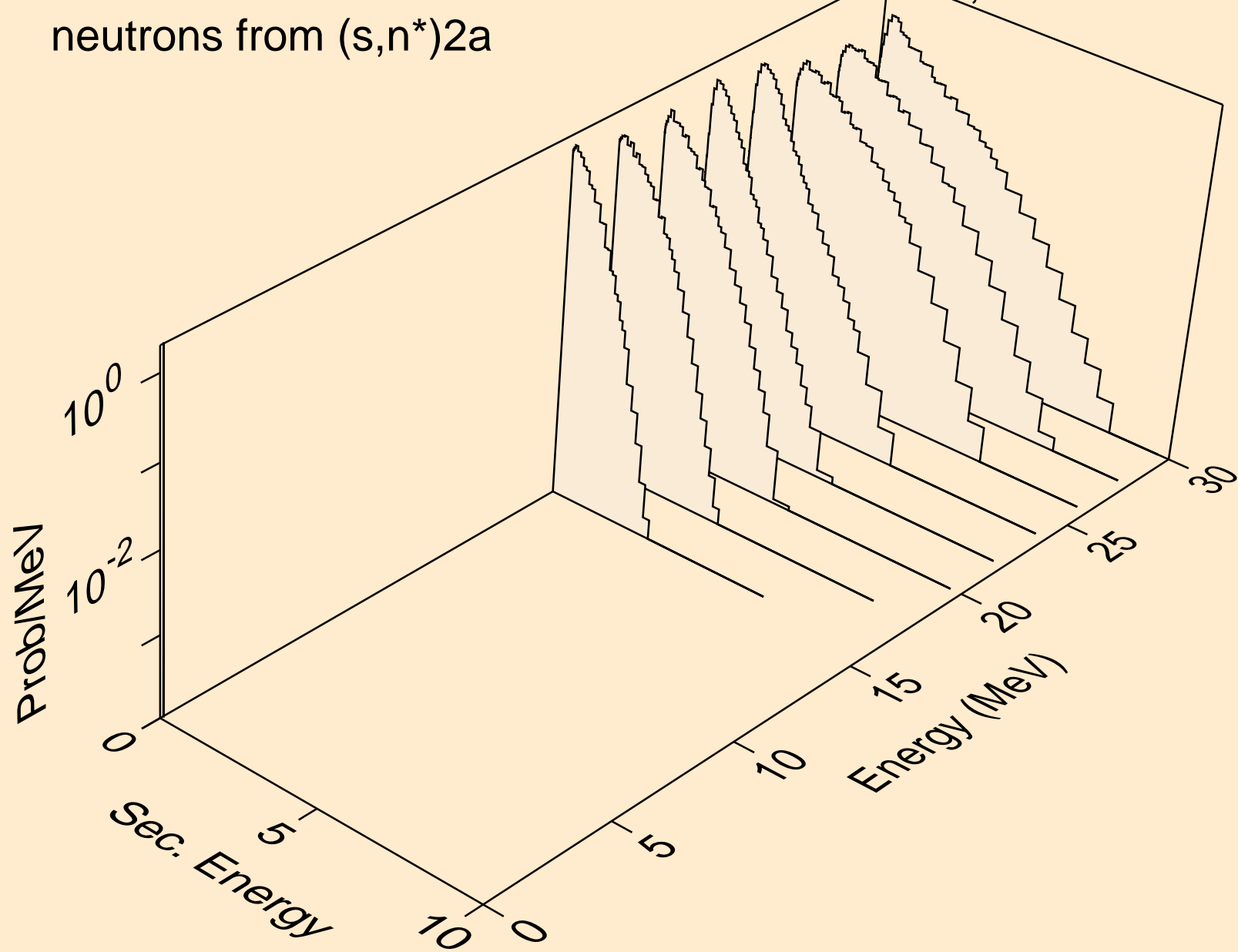
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p

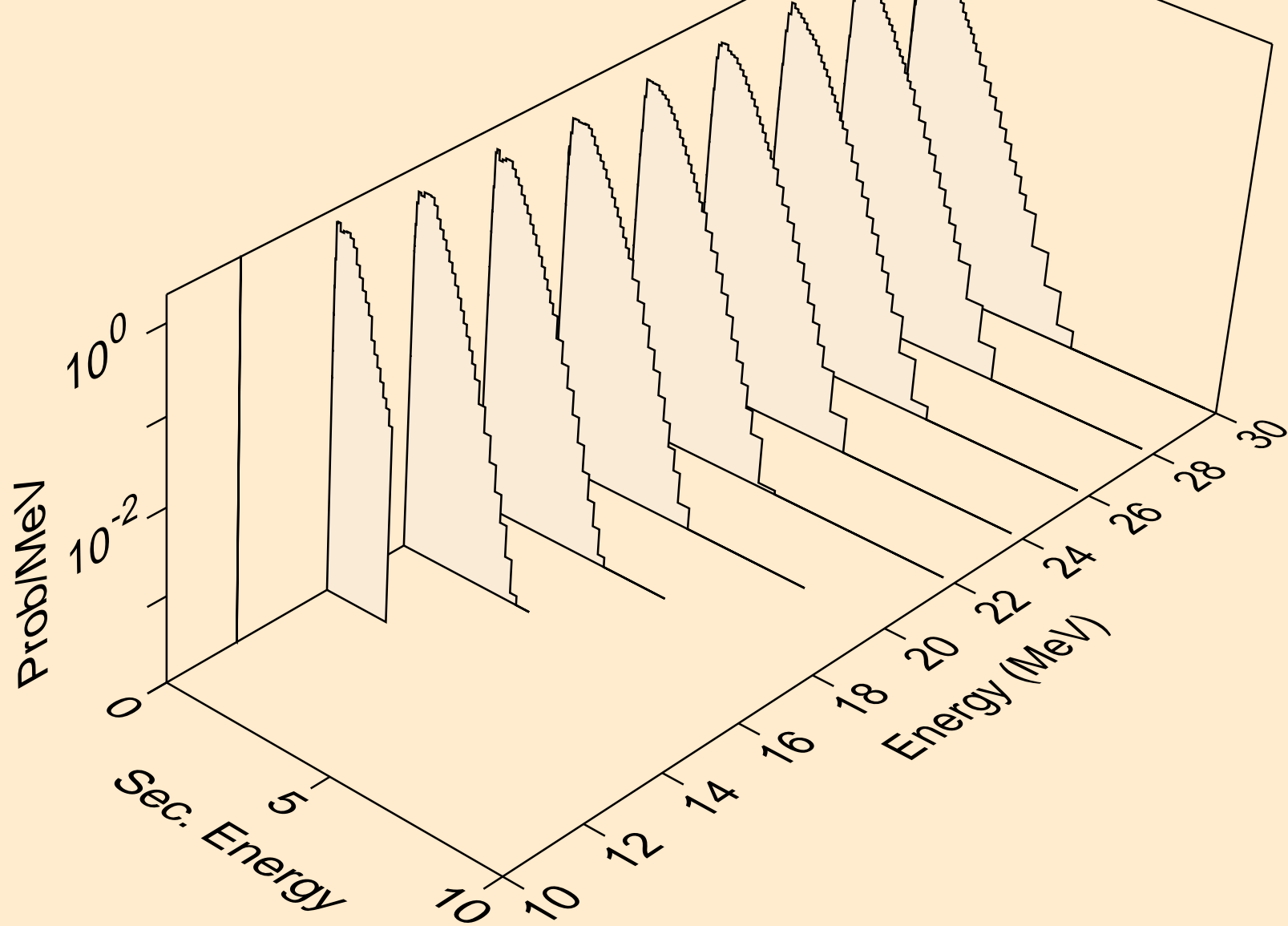


TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

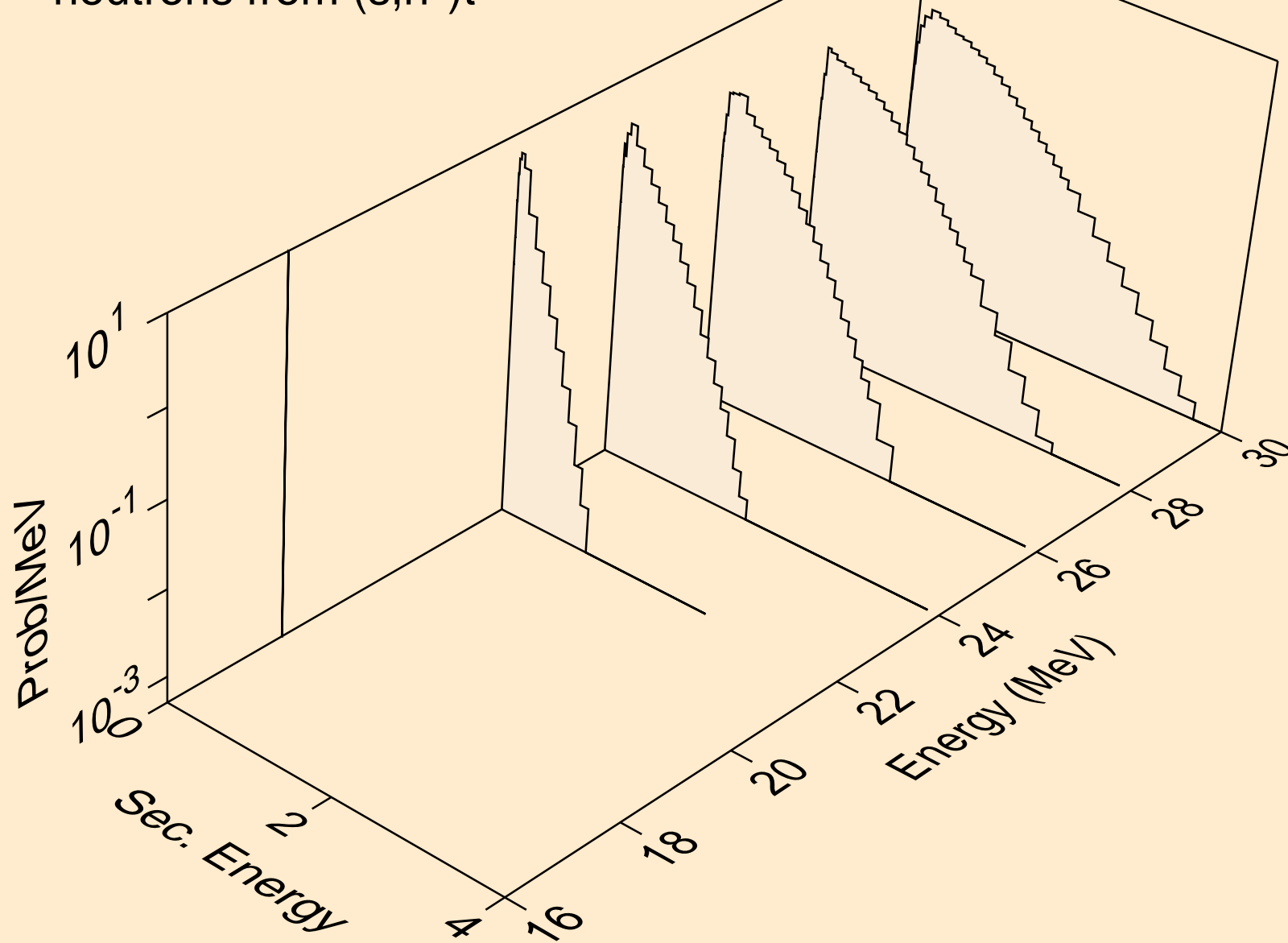




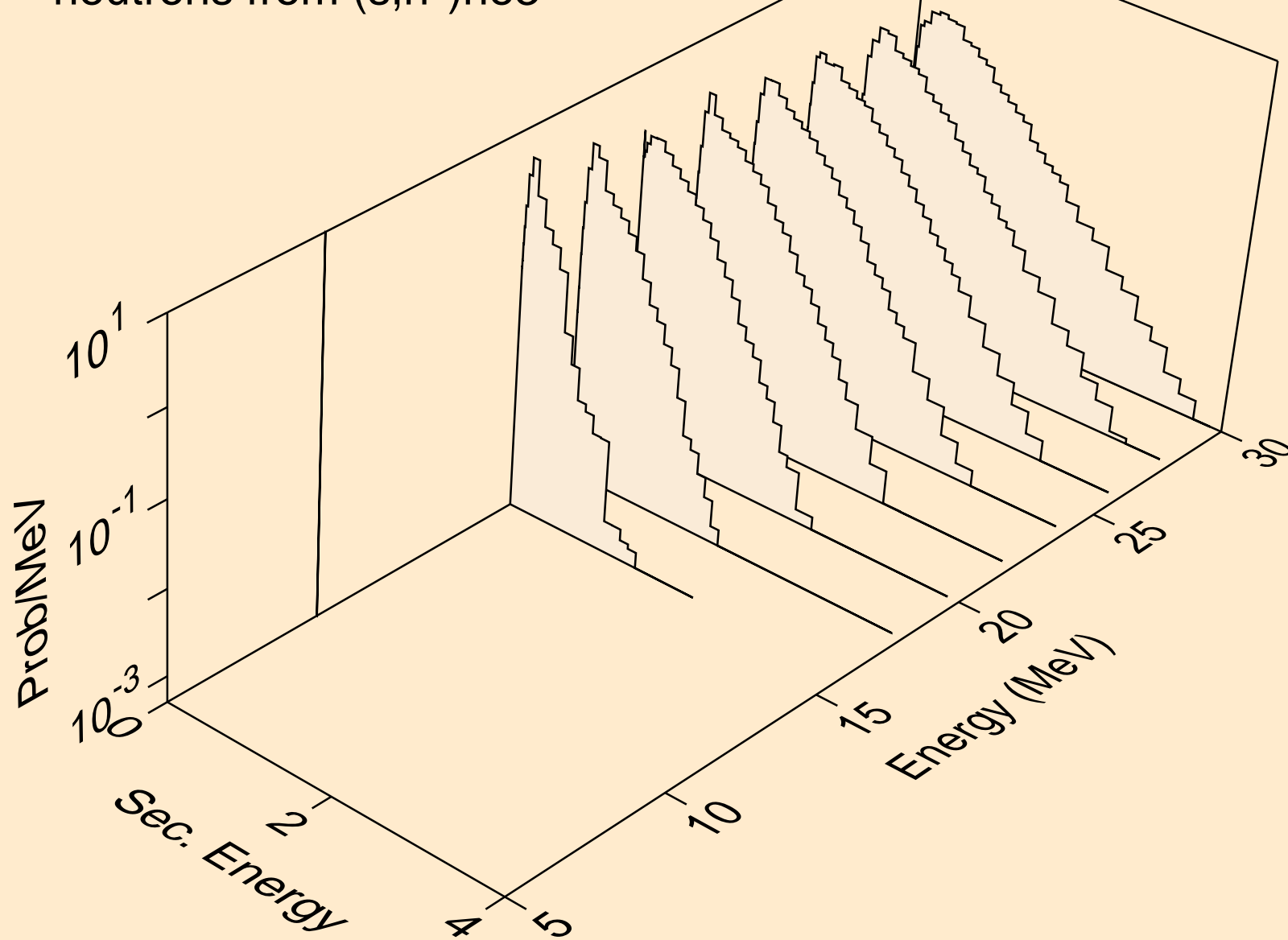
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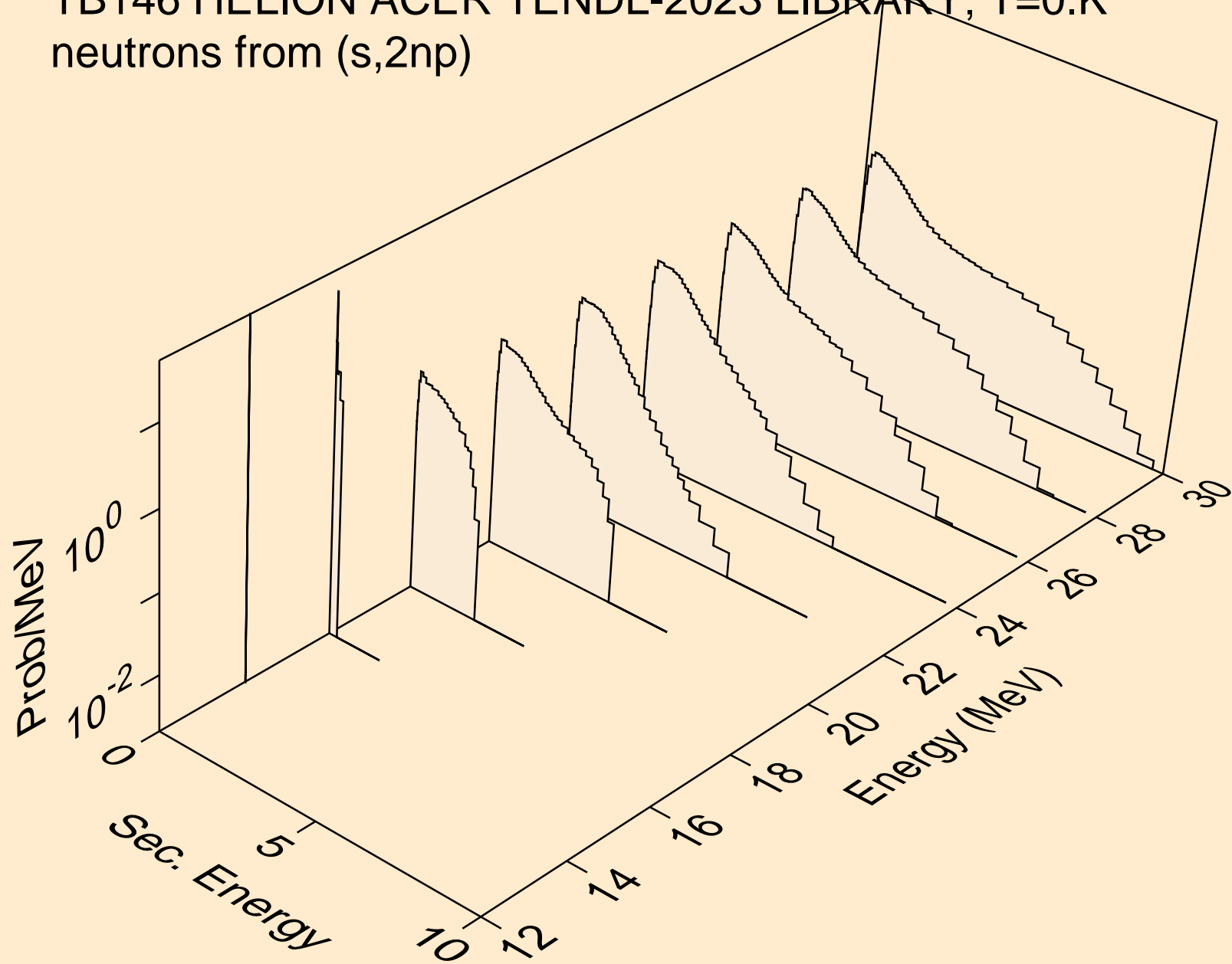
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



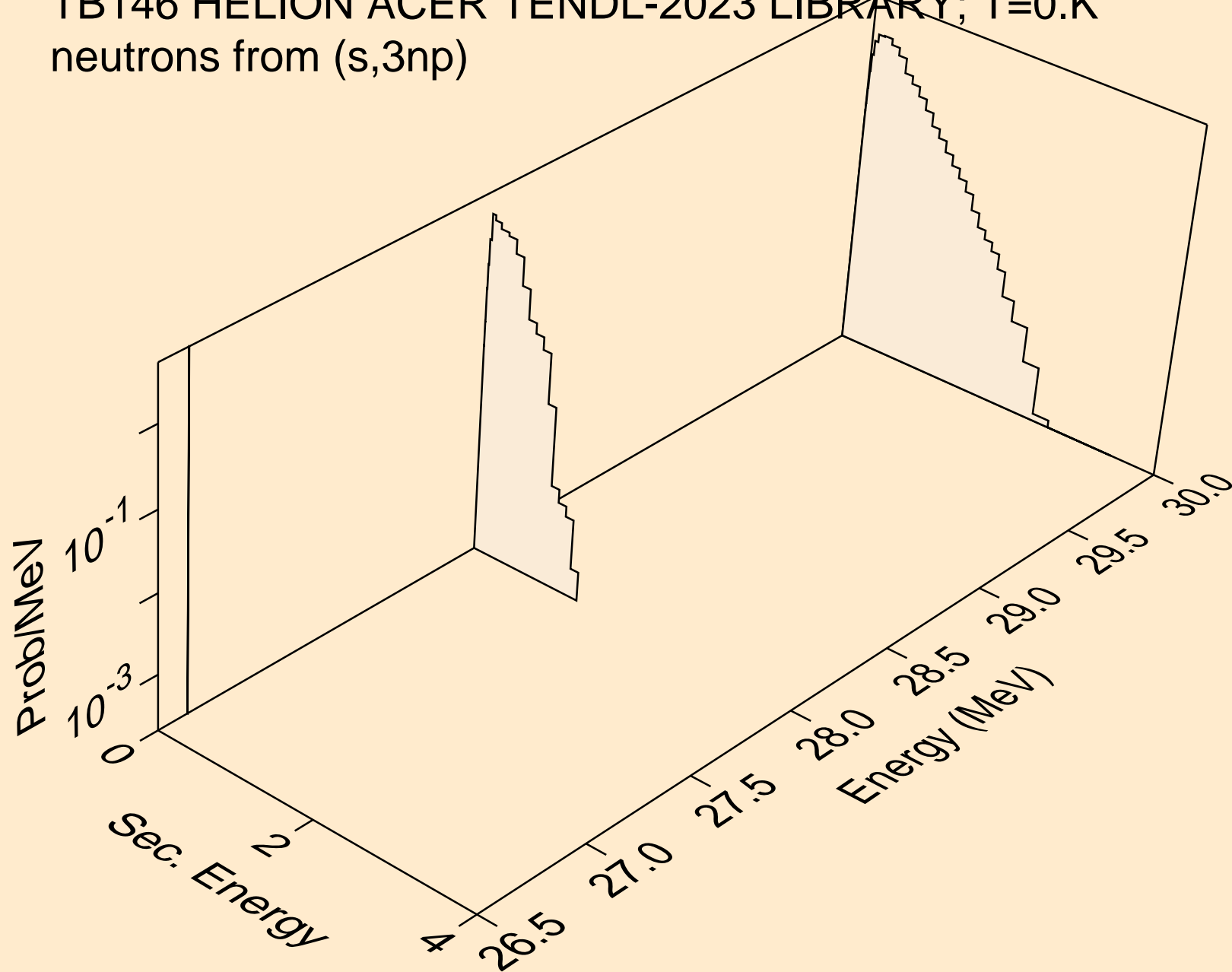
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



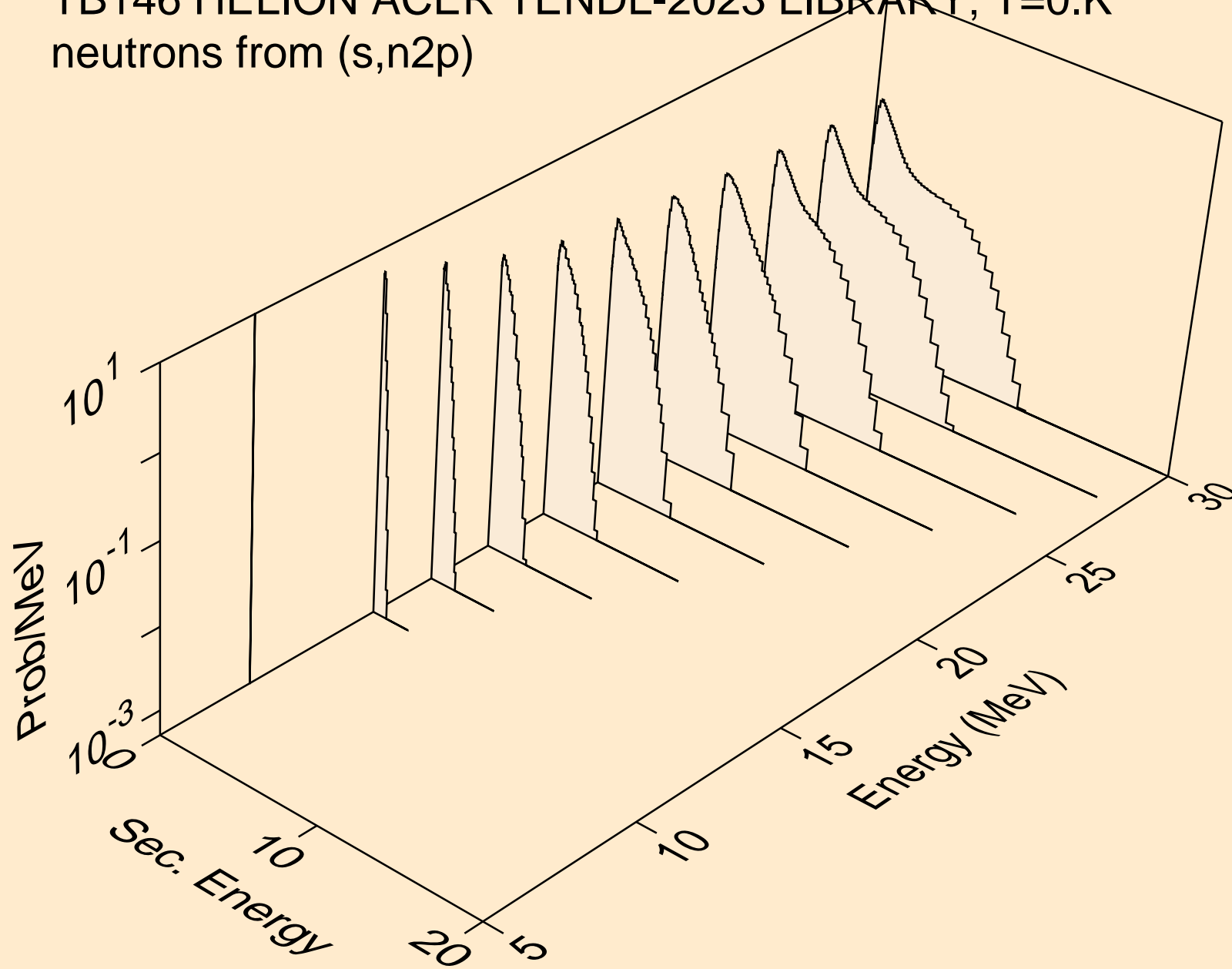
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neutrons from (s,2np)



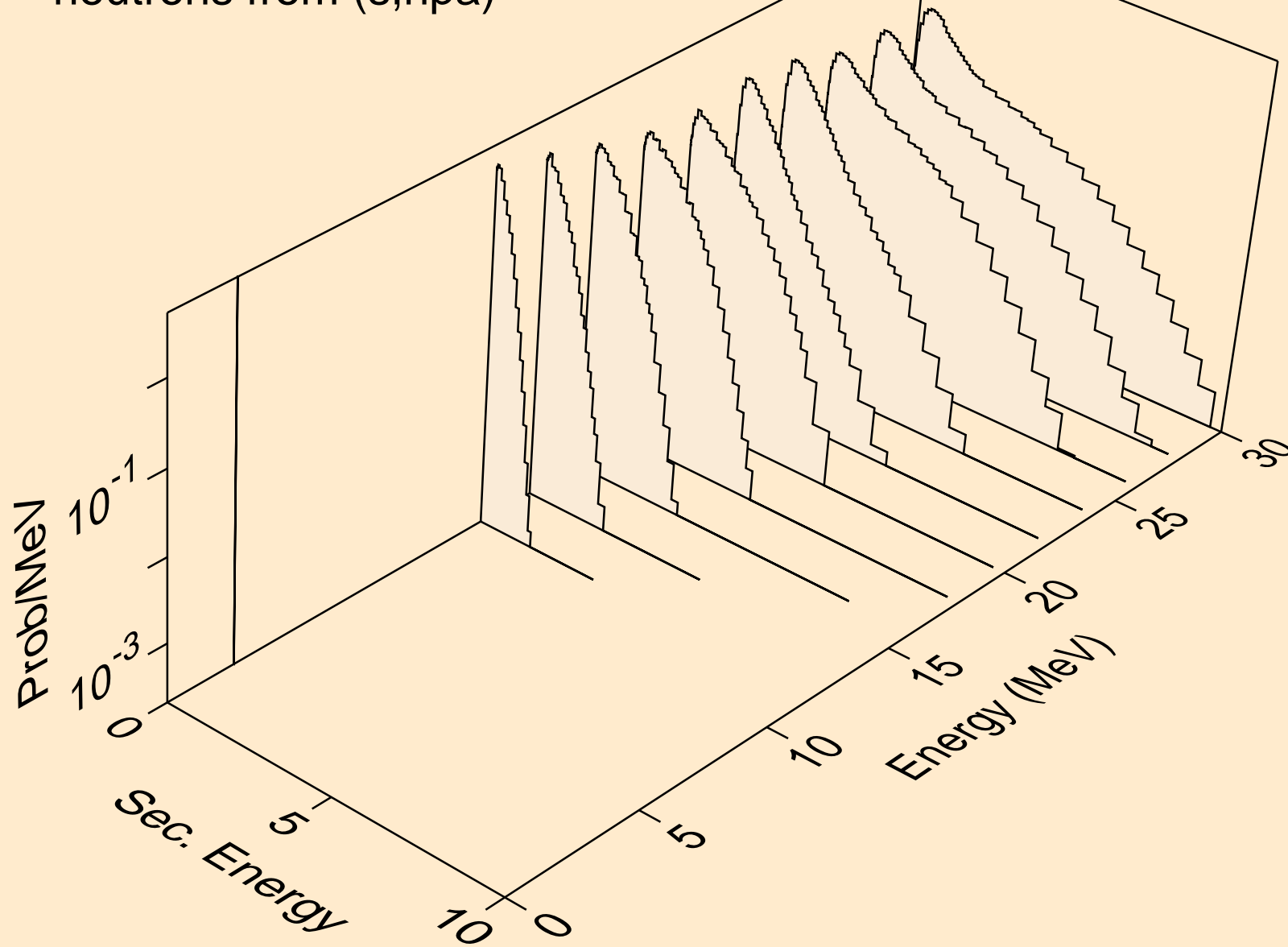
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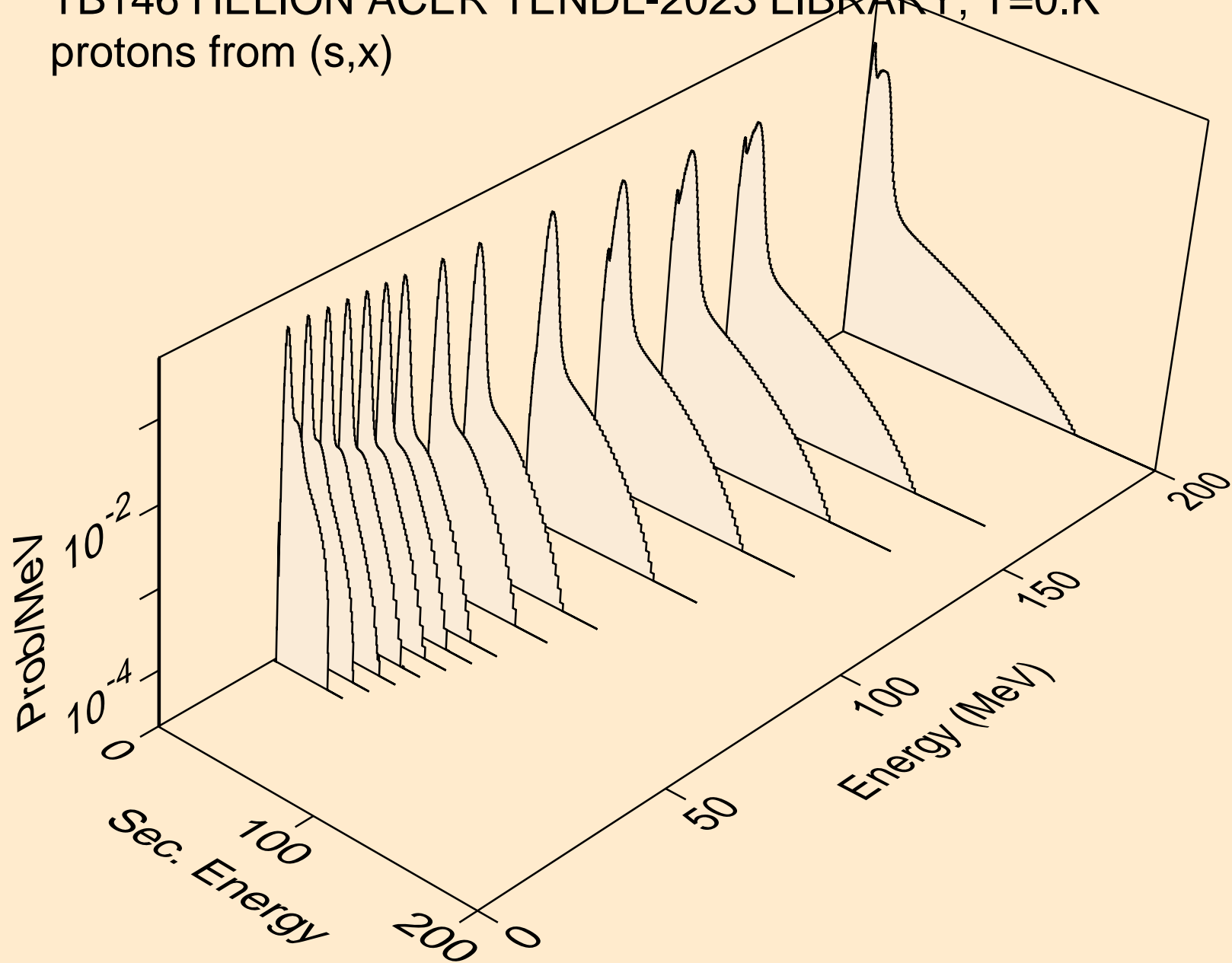
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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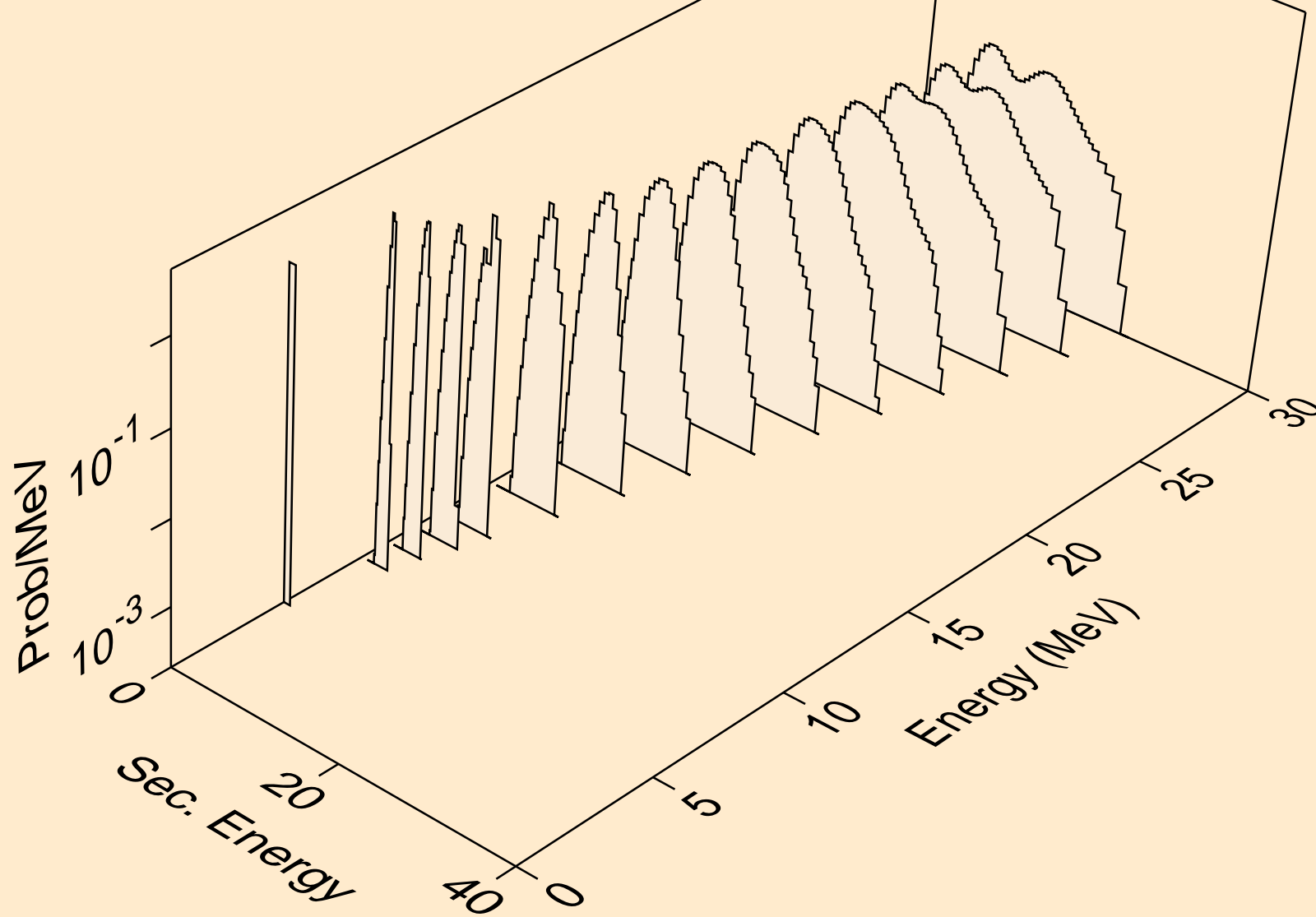


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protons from (s,x)

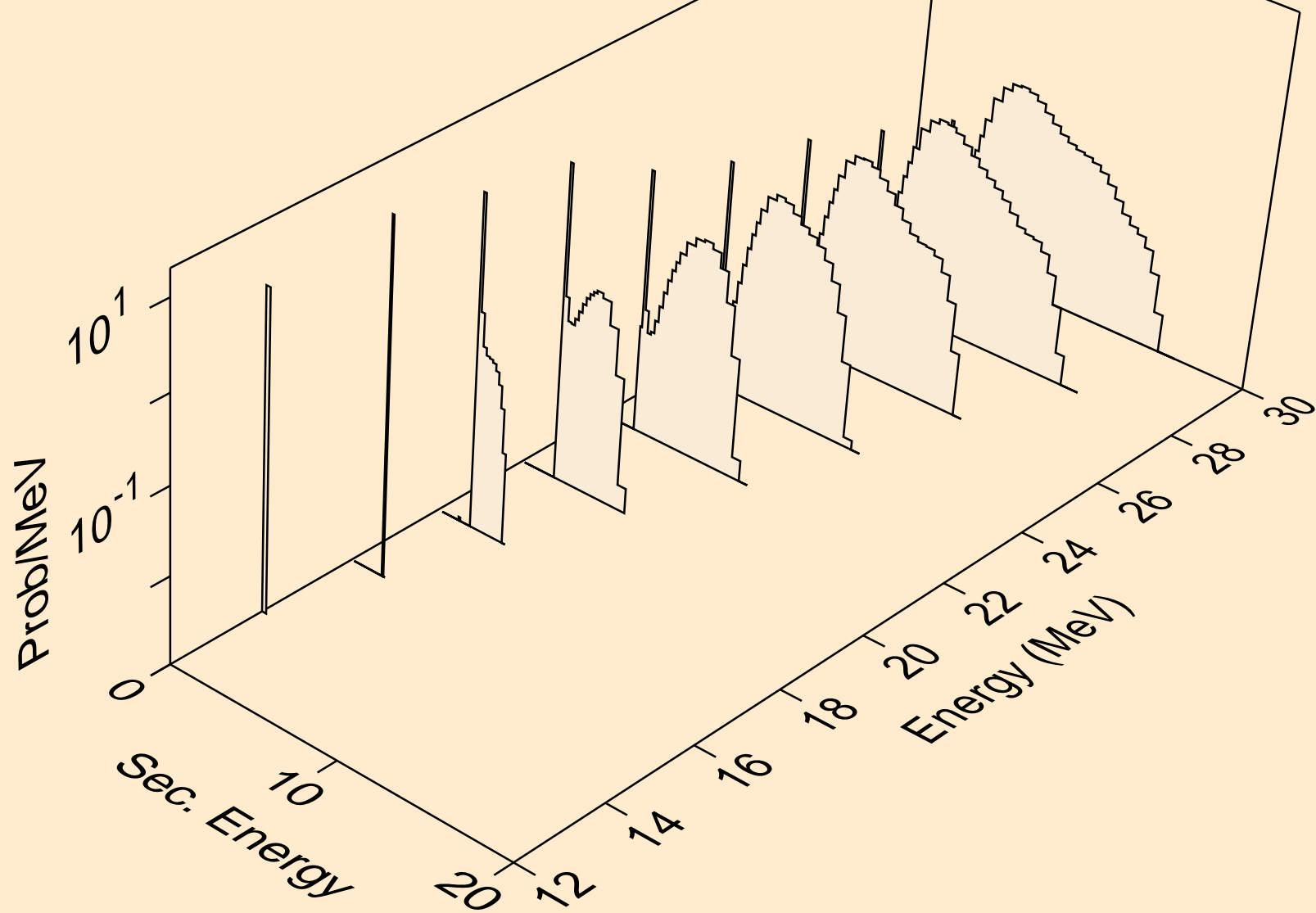




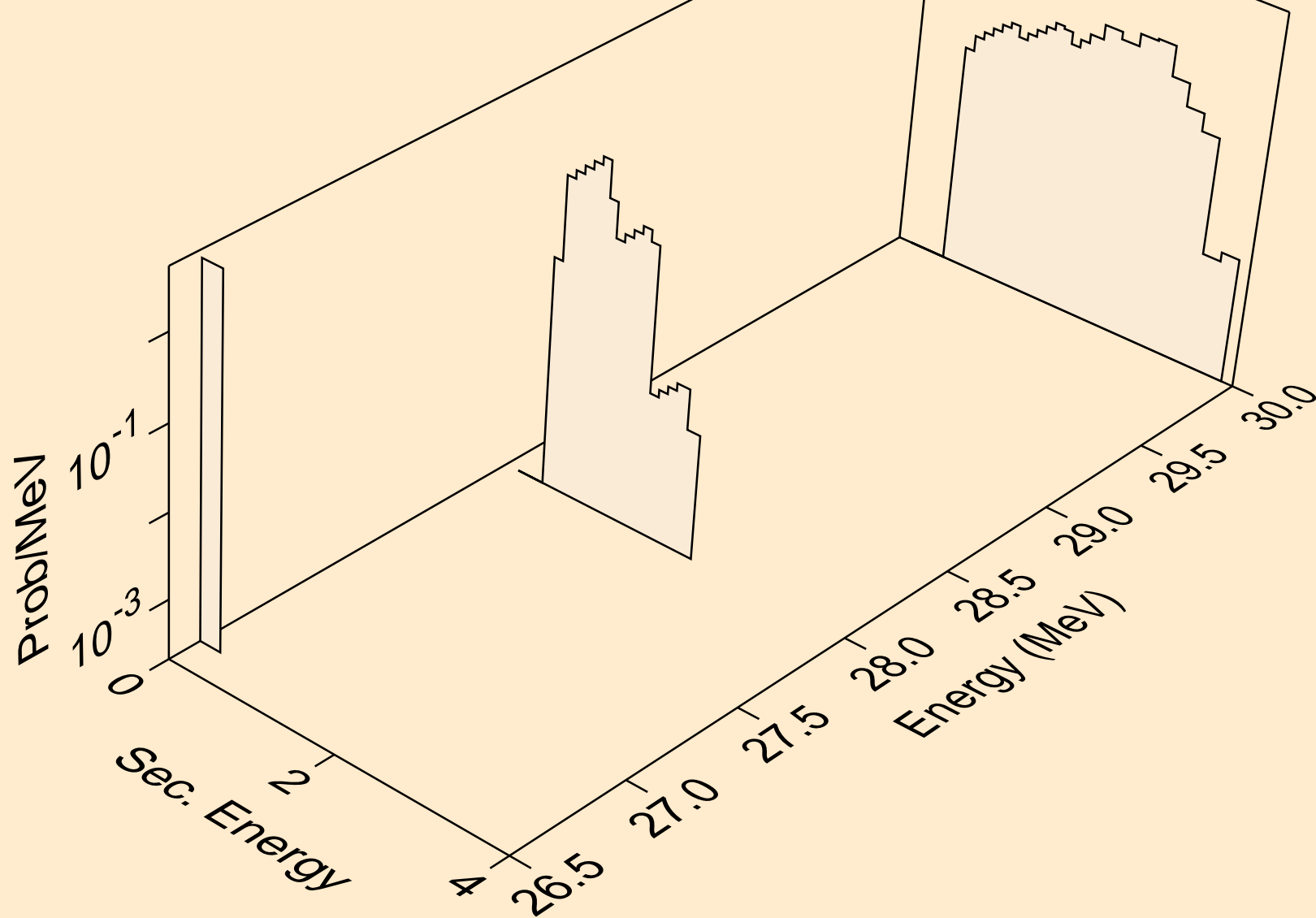
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protons from (s,n\*)p



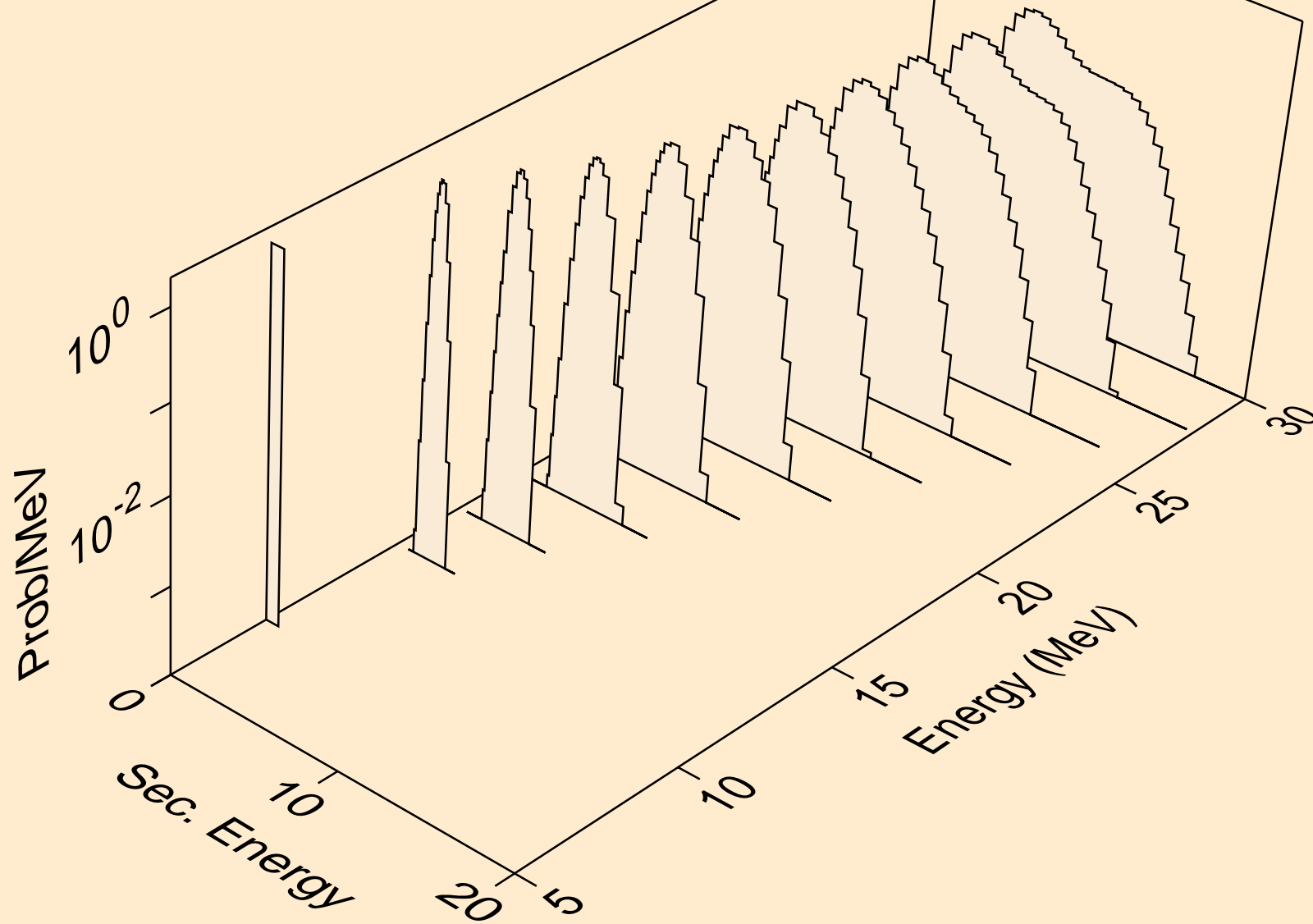
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protons from (s,2np)



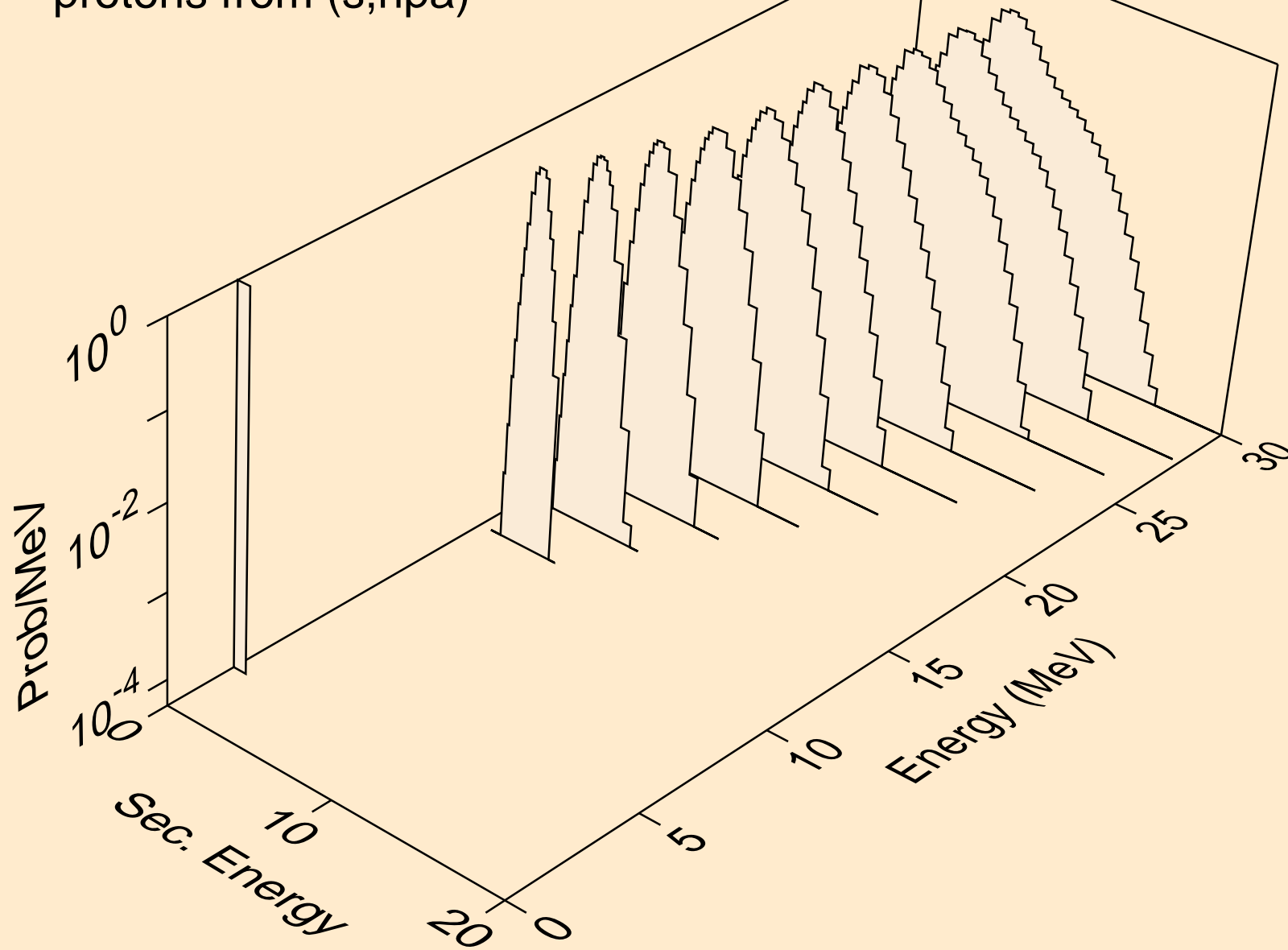
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)



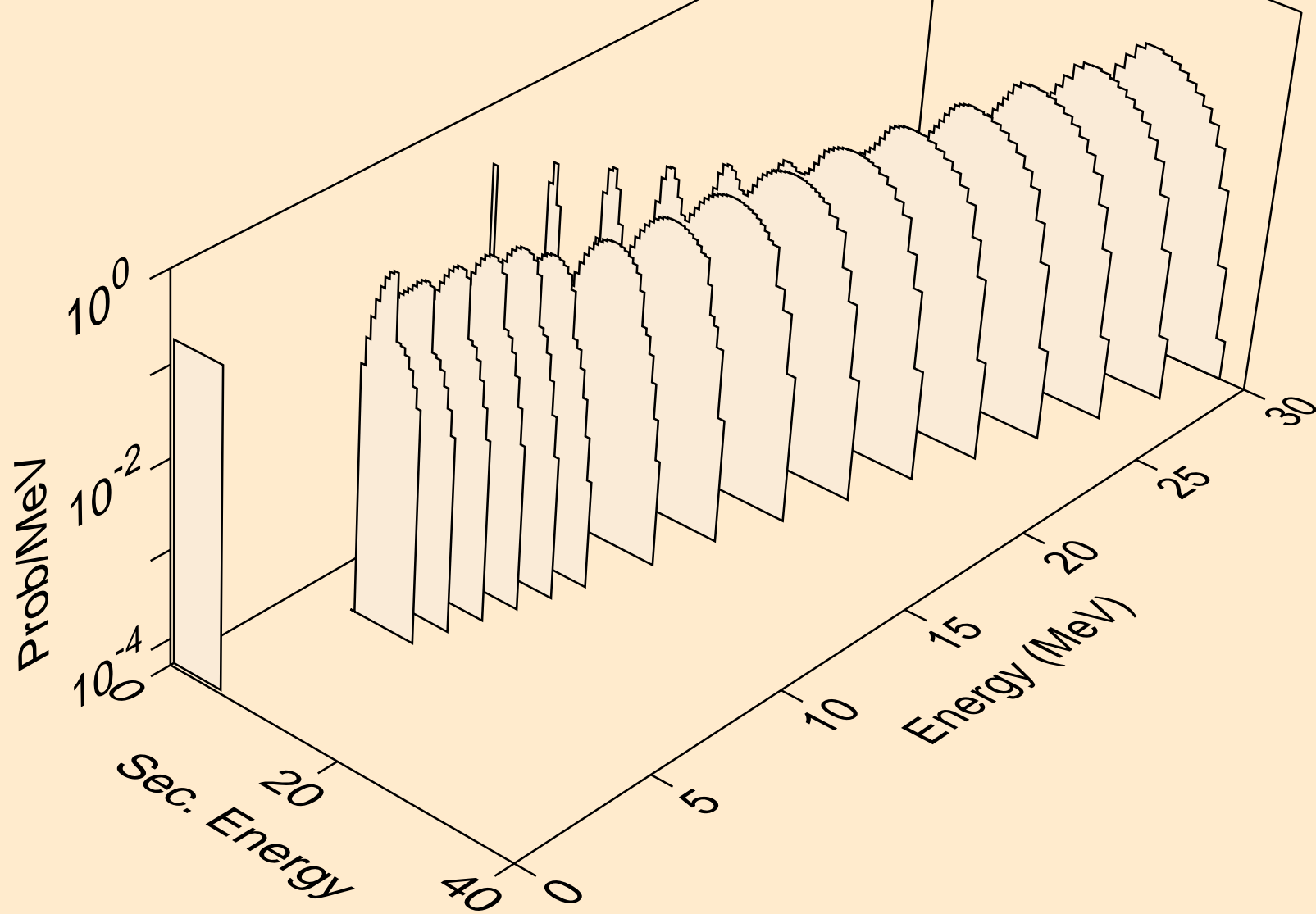
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protons from (s,n2p)



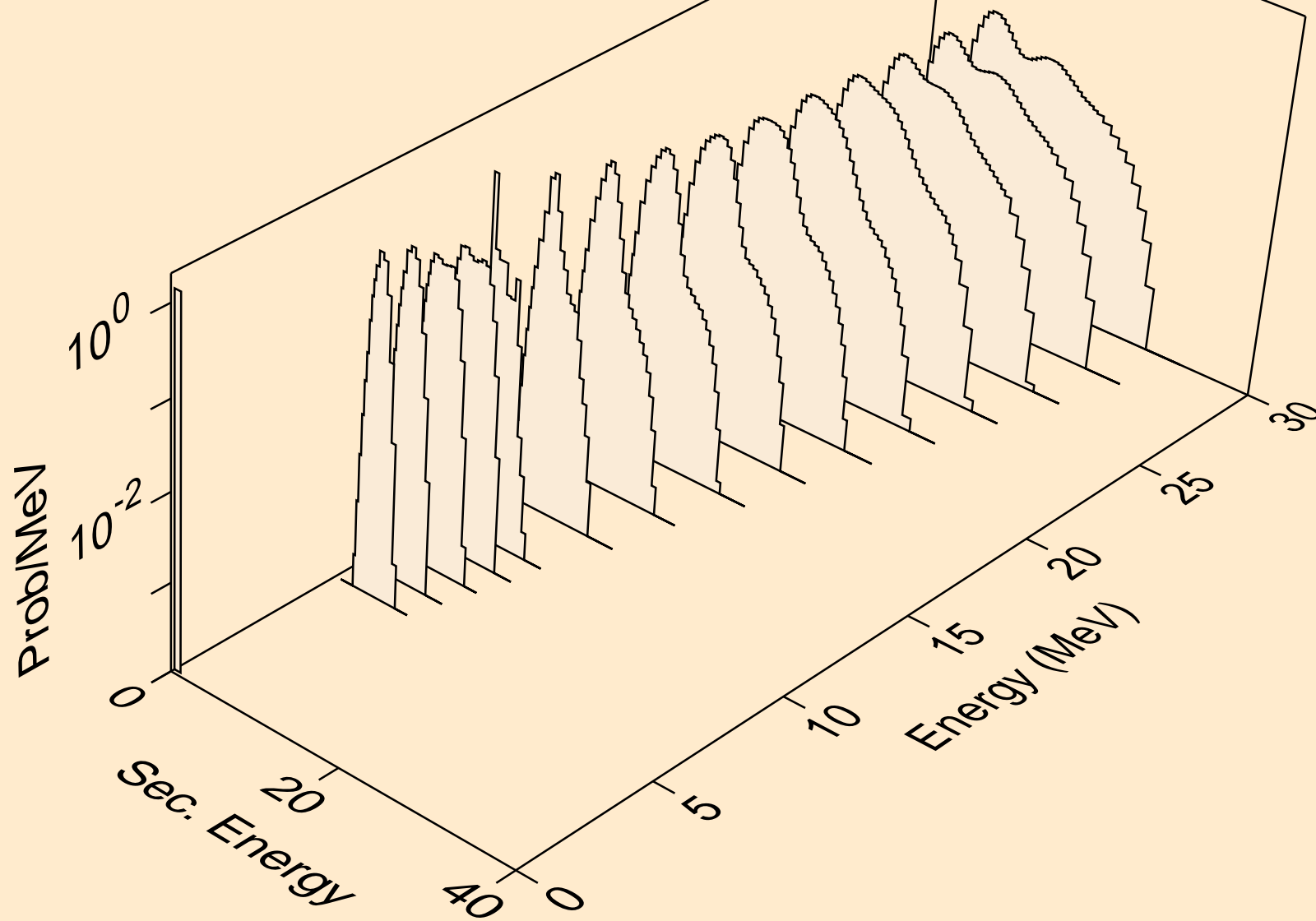
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)



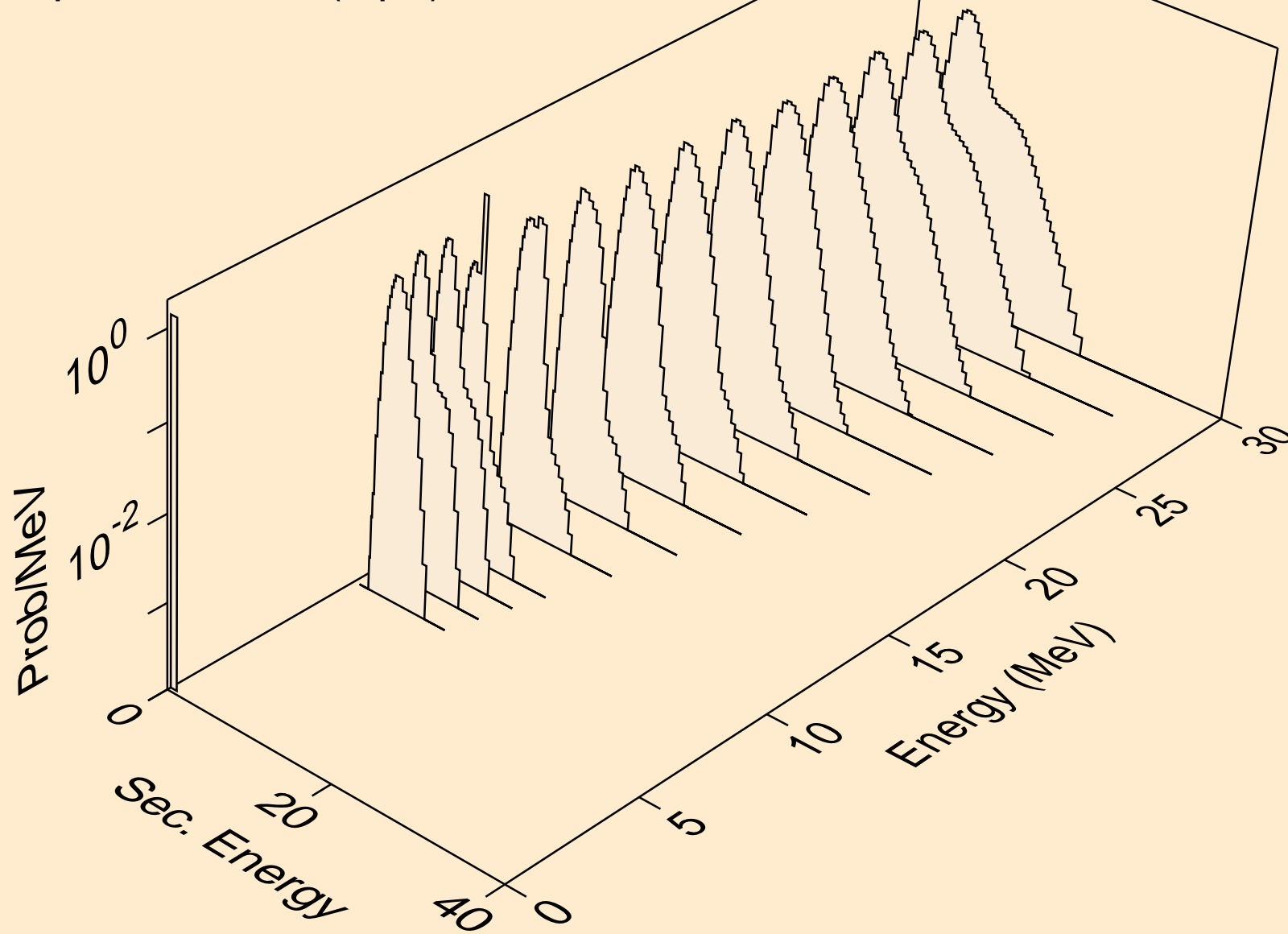
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)

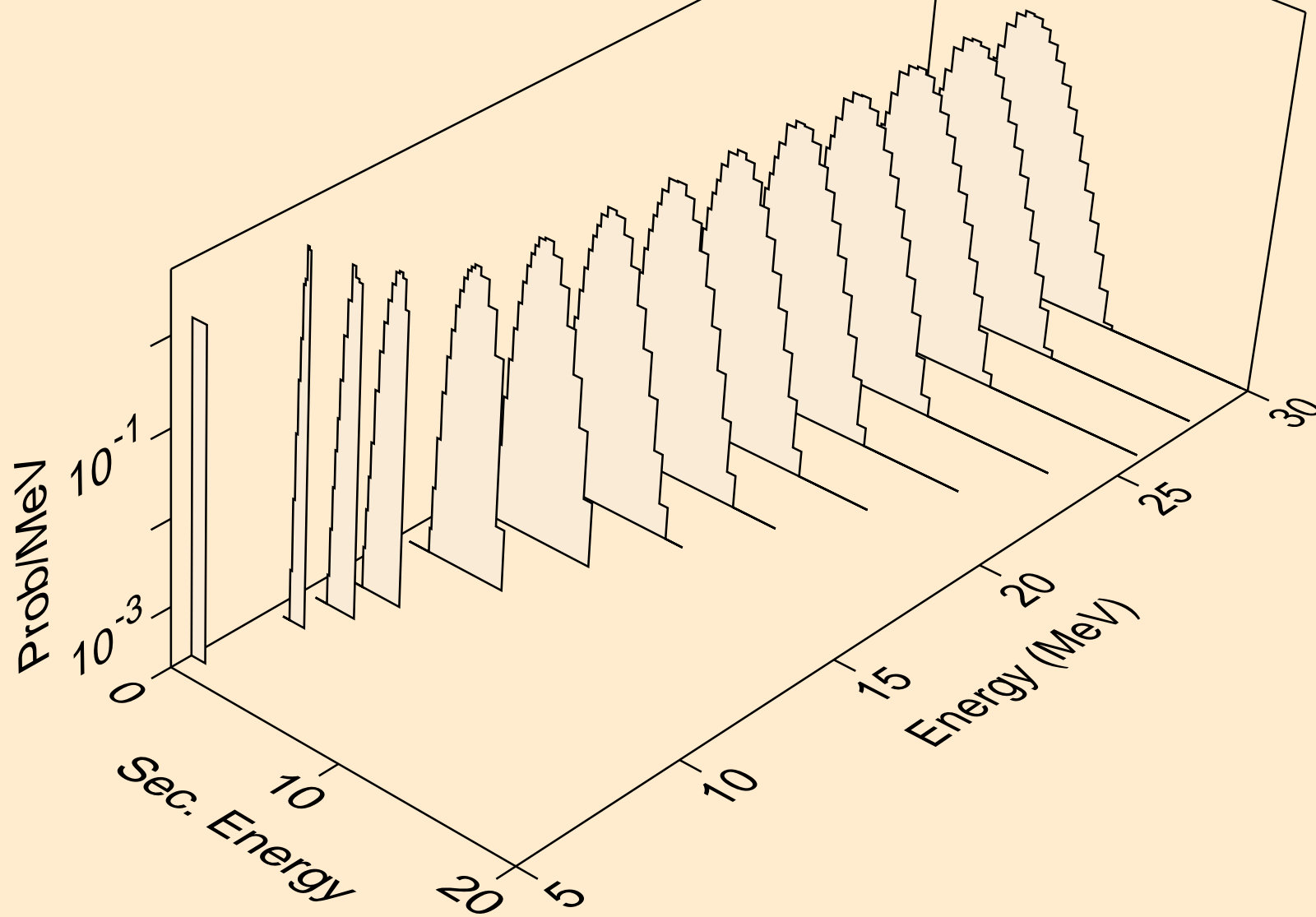


TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)

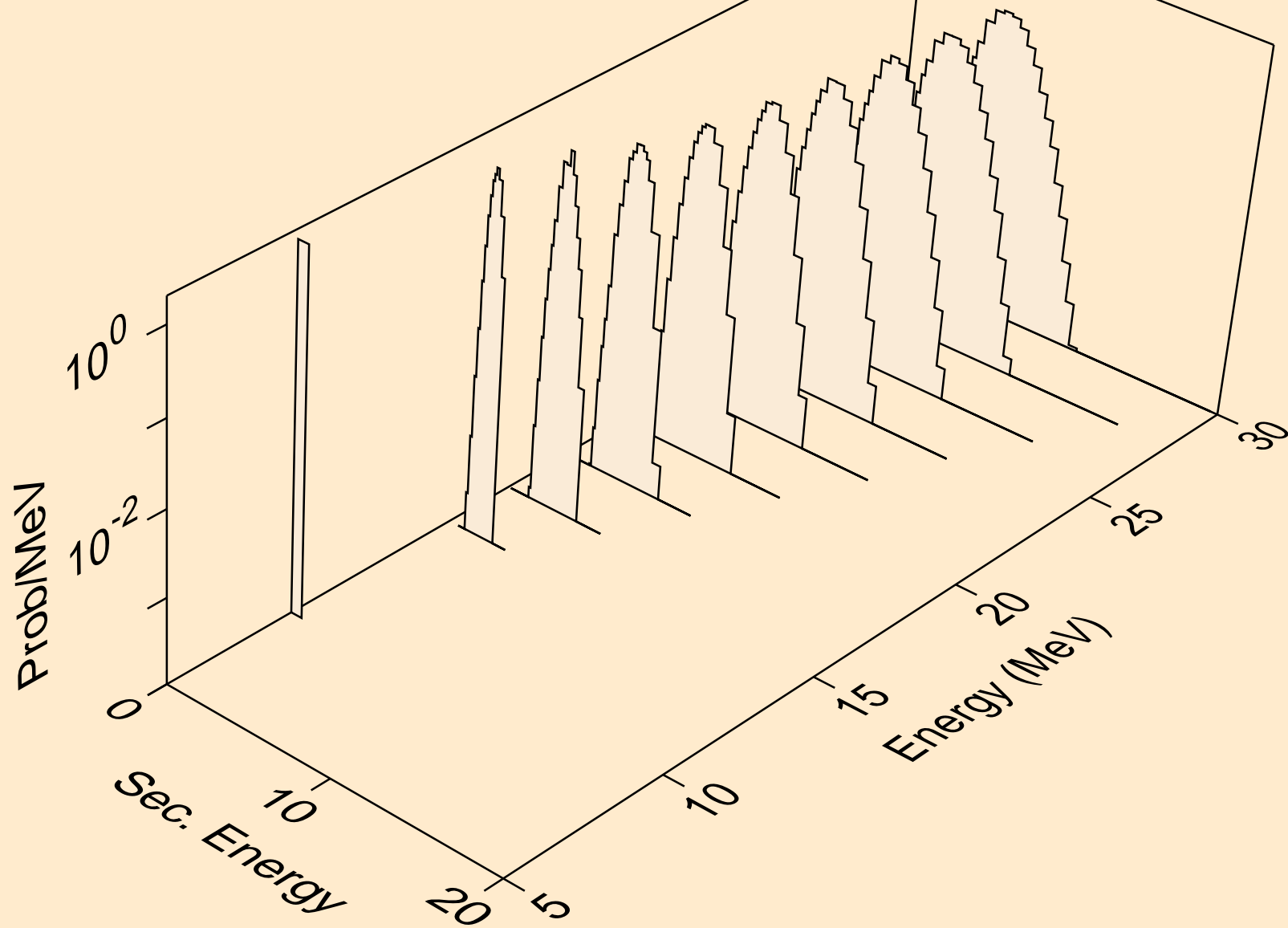




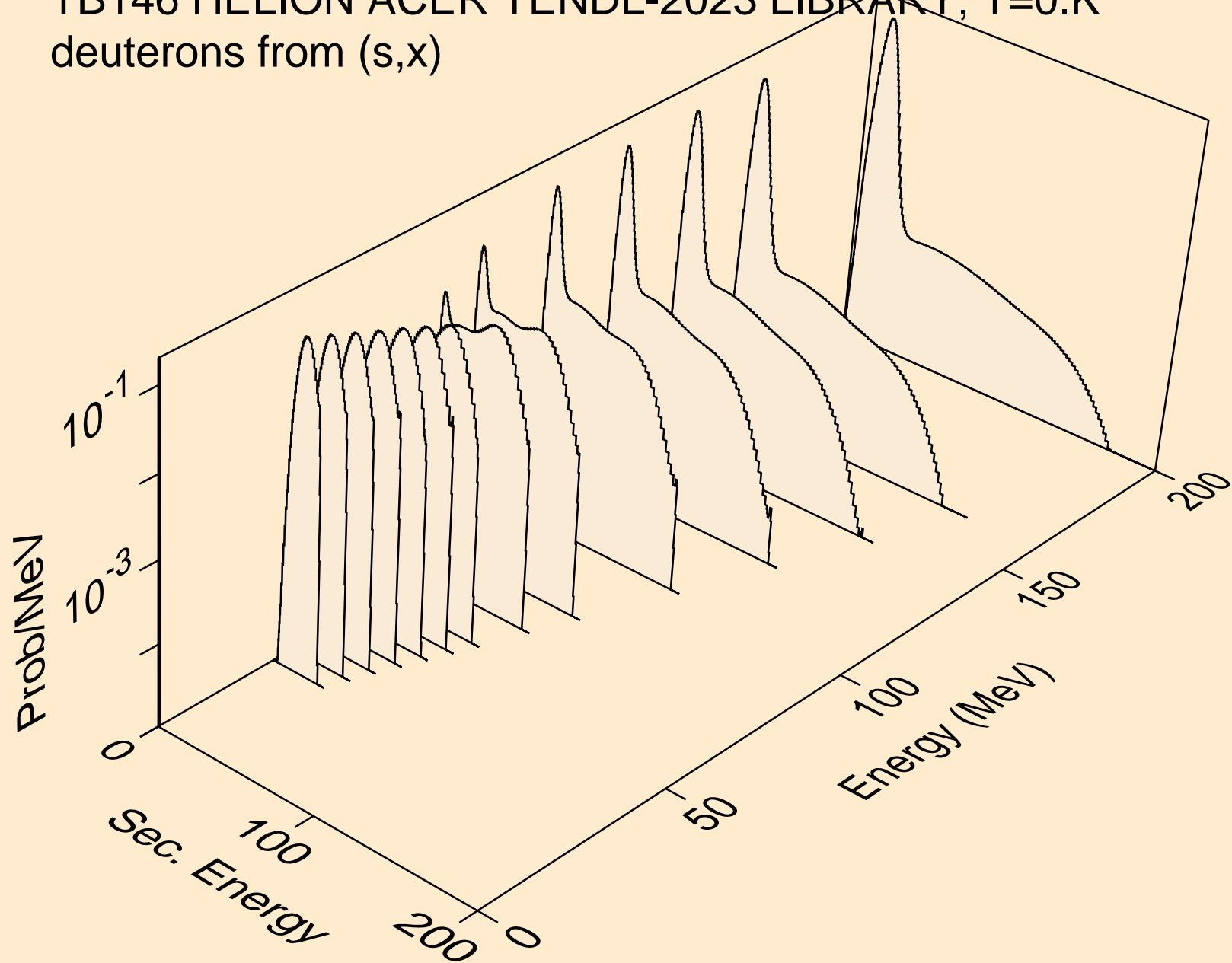
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protons from (s,pd)



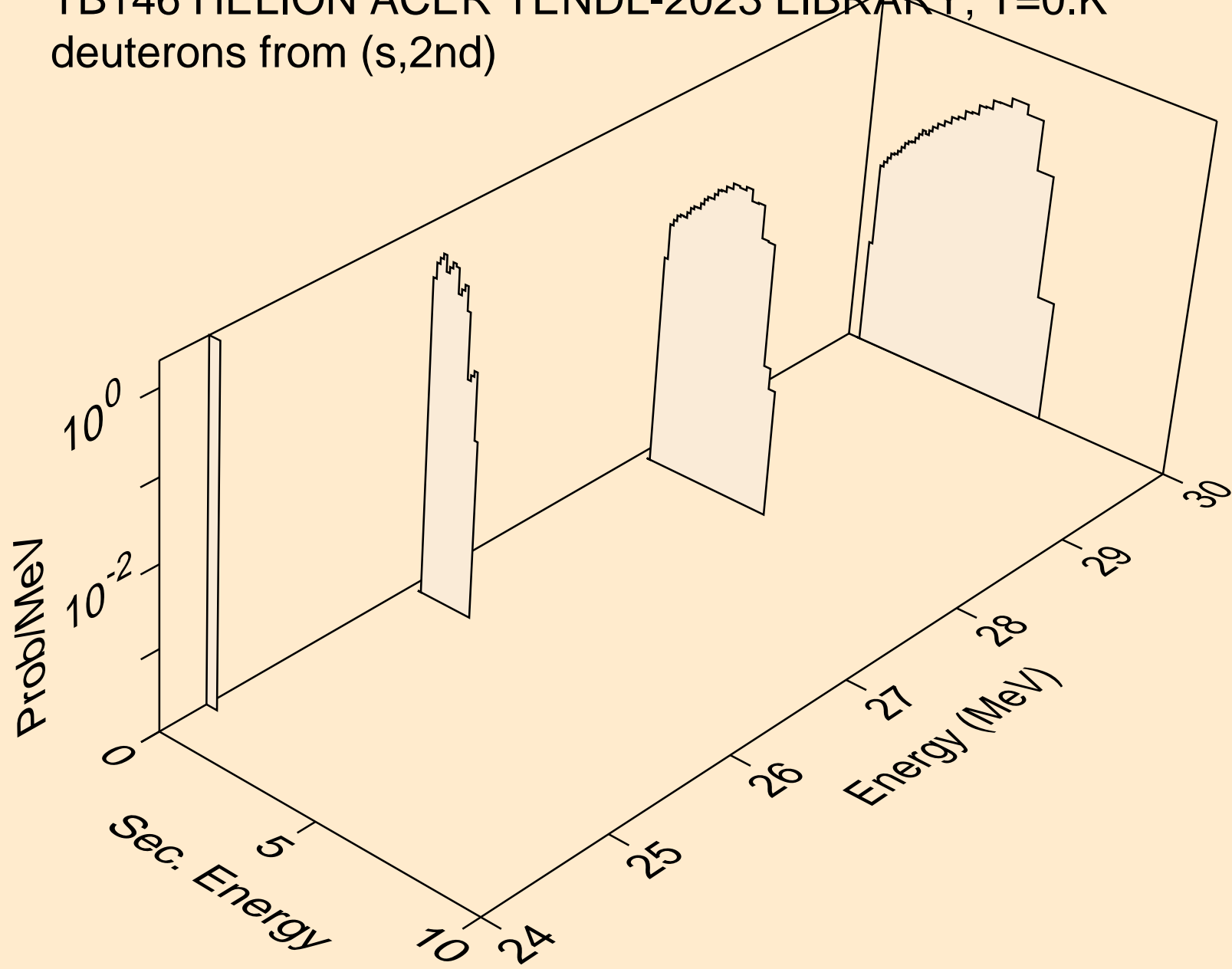
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protons from (s,pt)



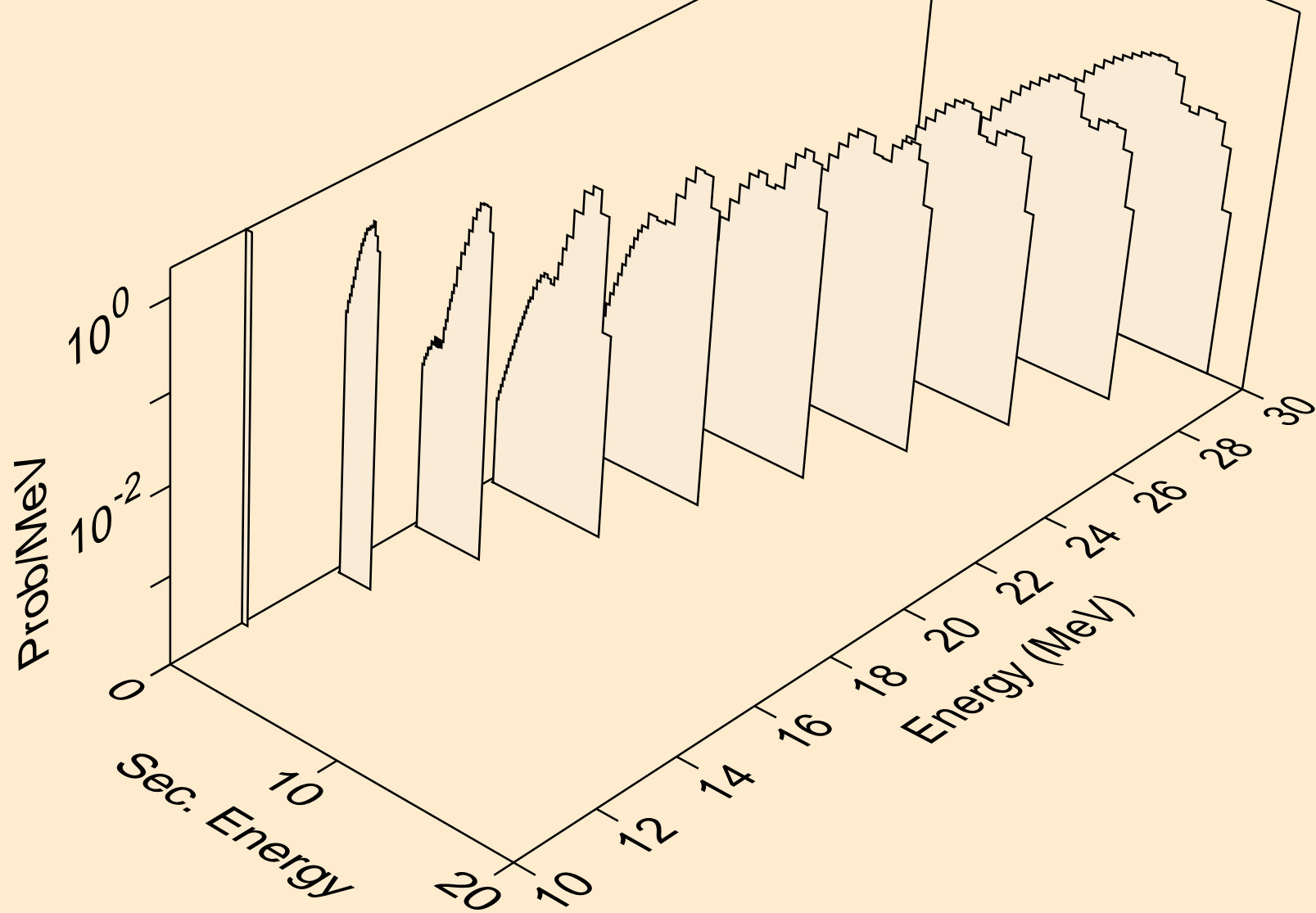
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deuterons from (s,x)



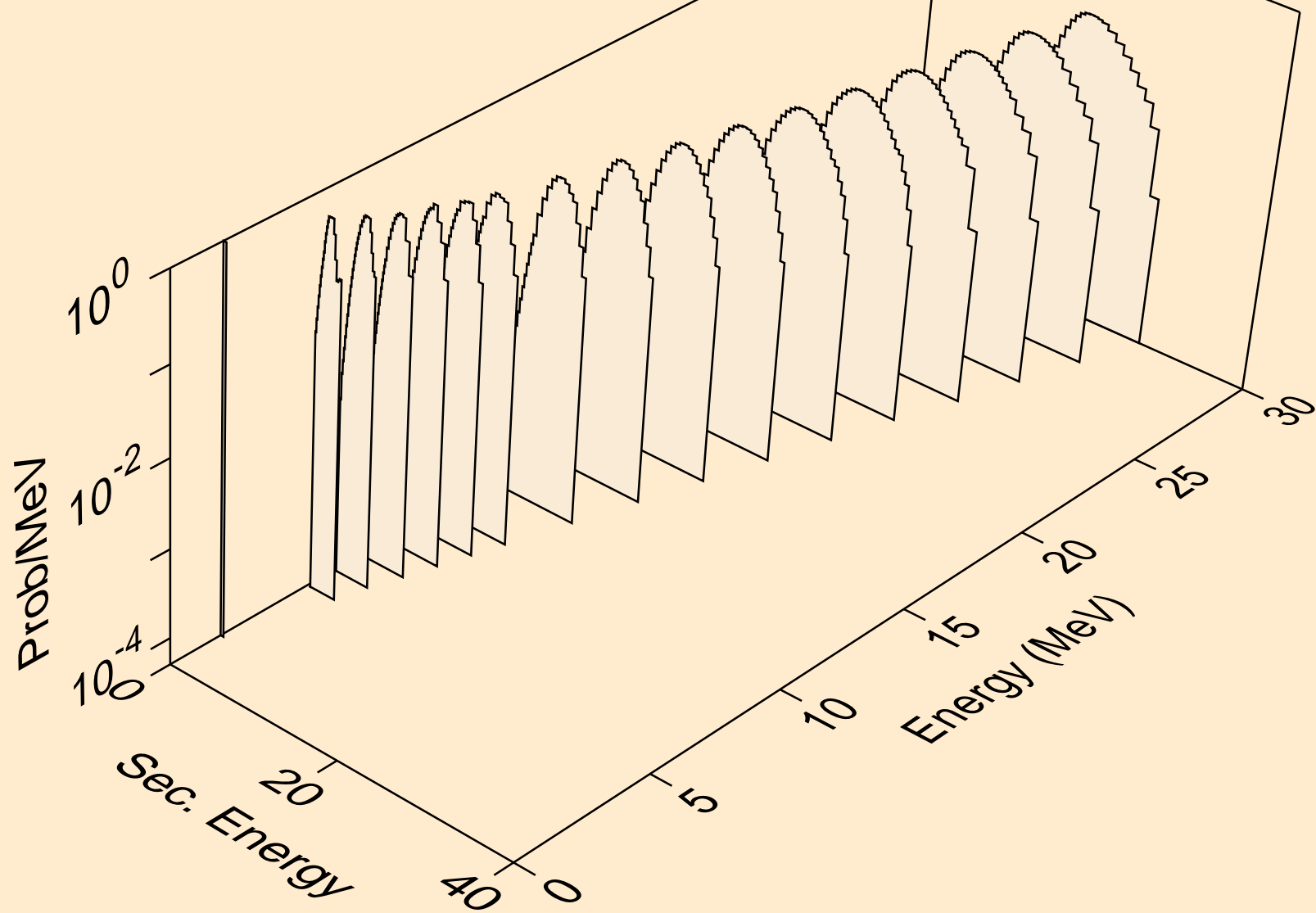
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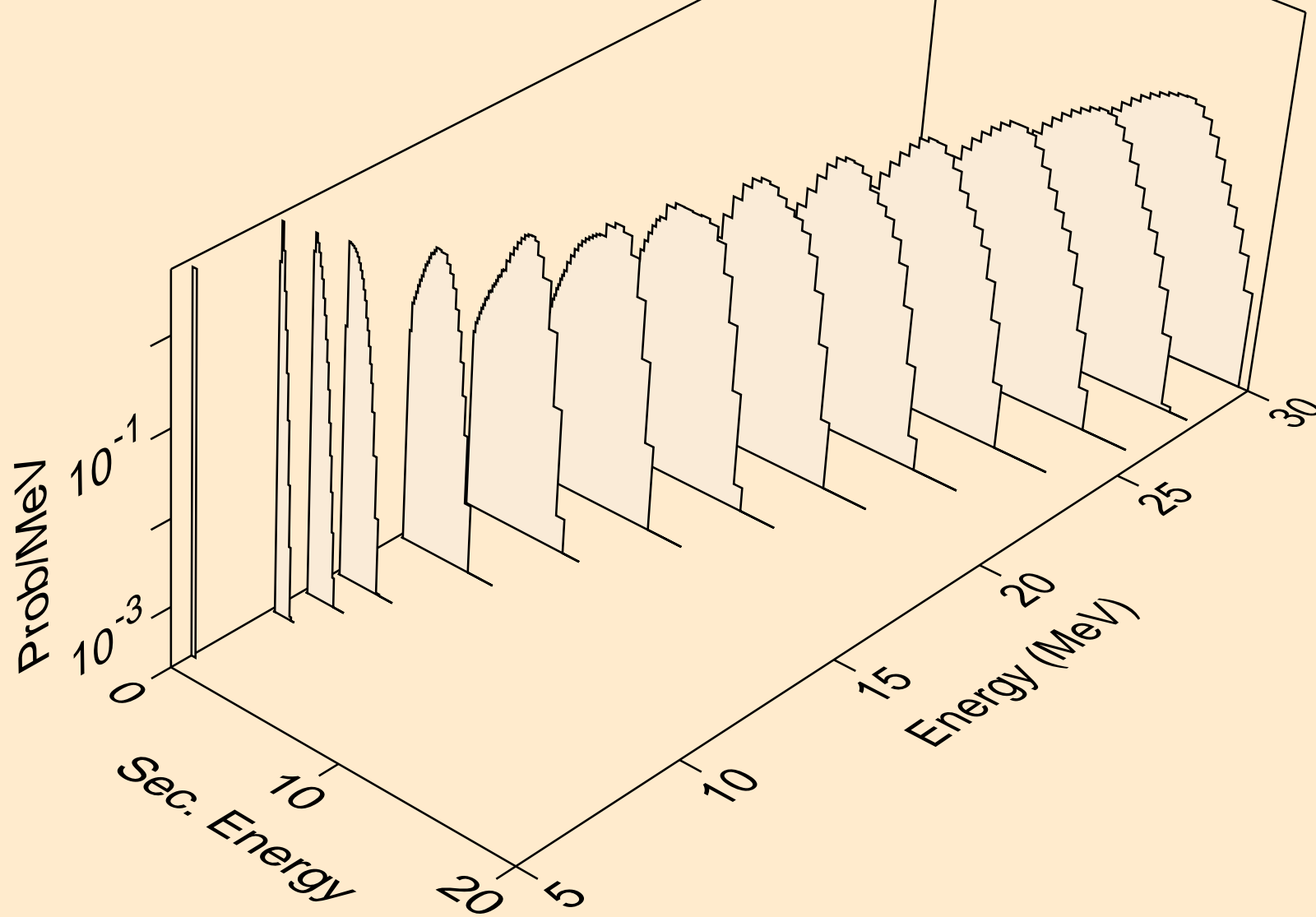
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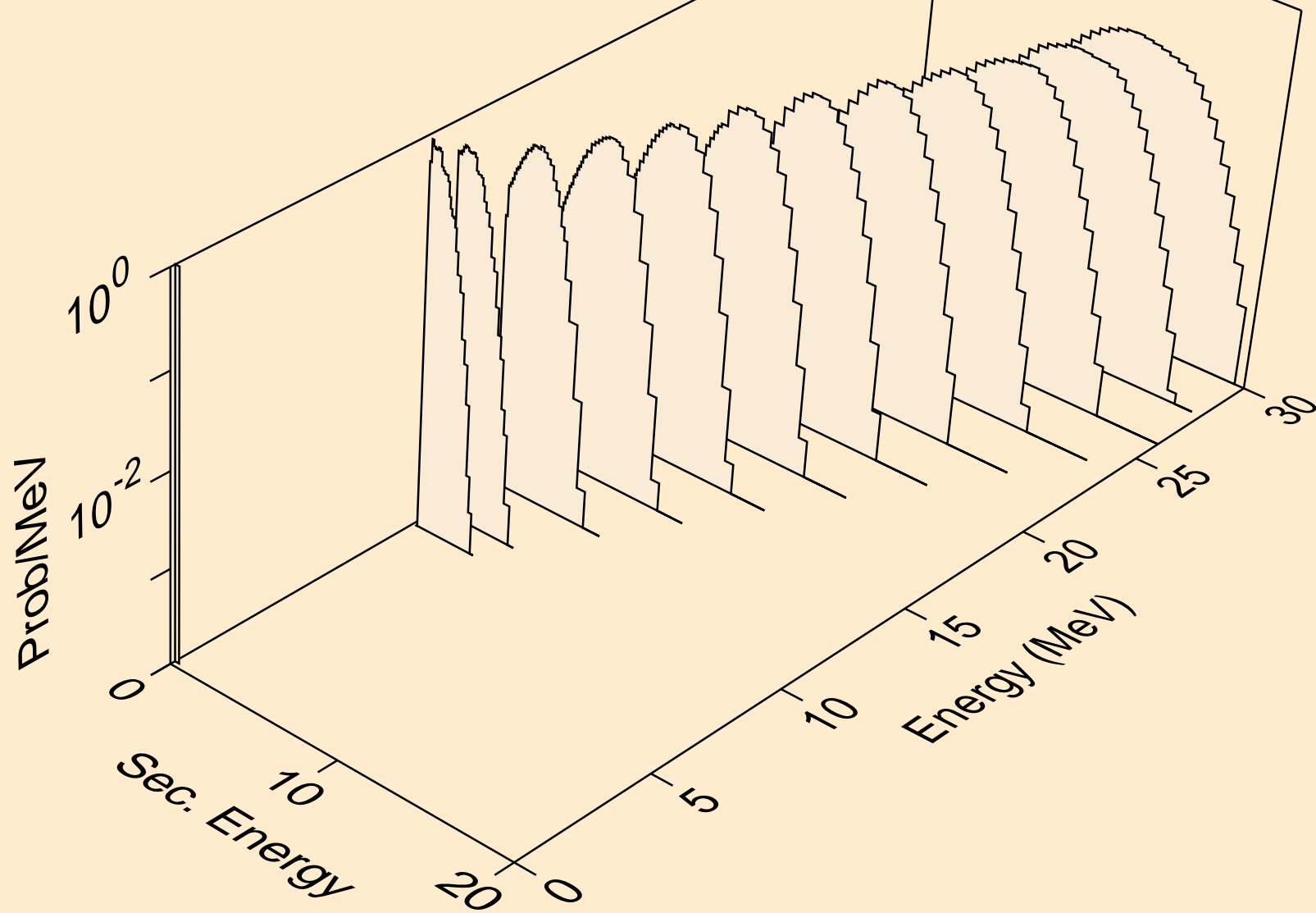
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deuterons from (s,d)



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)

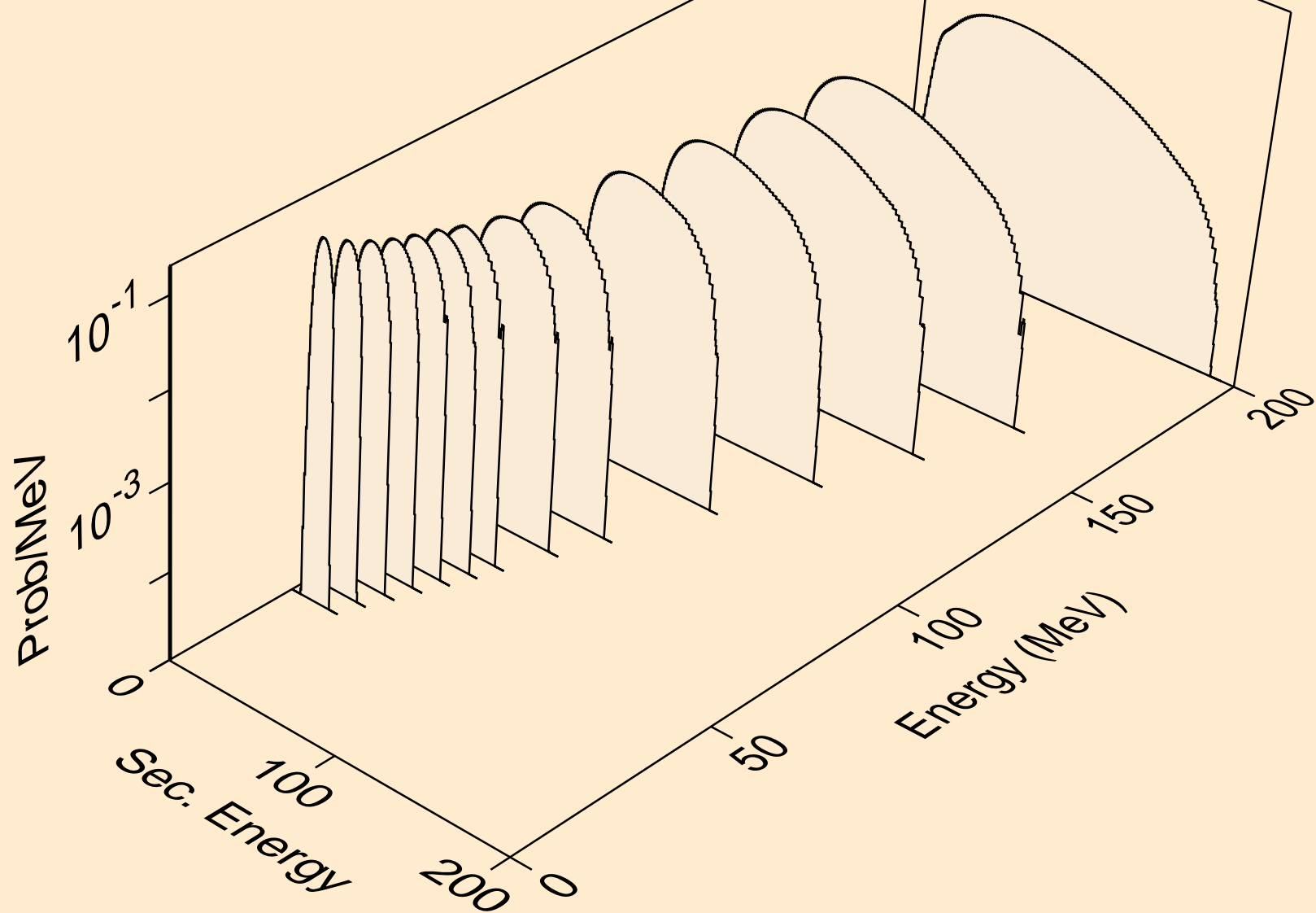


TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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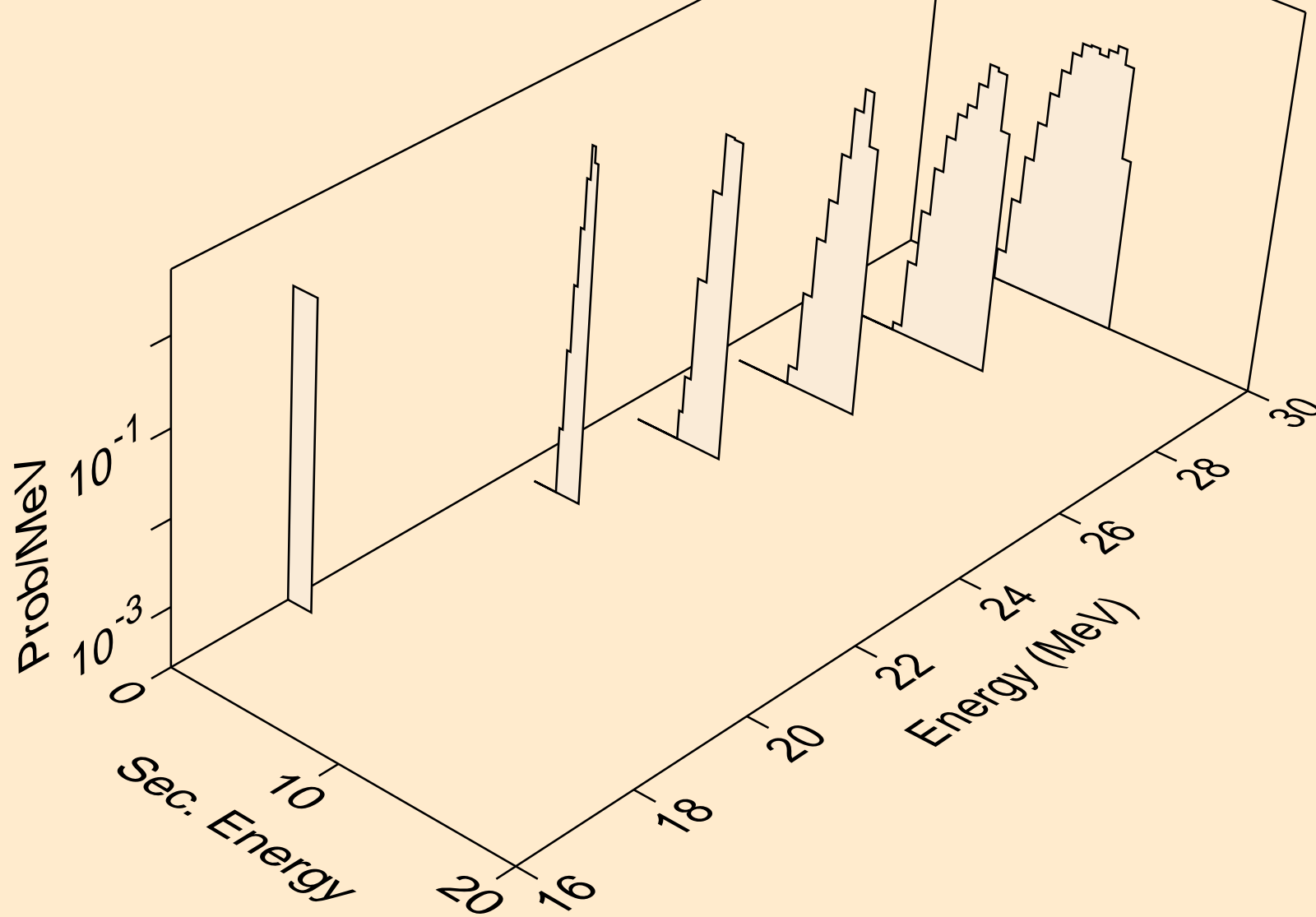




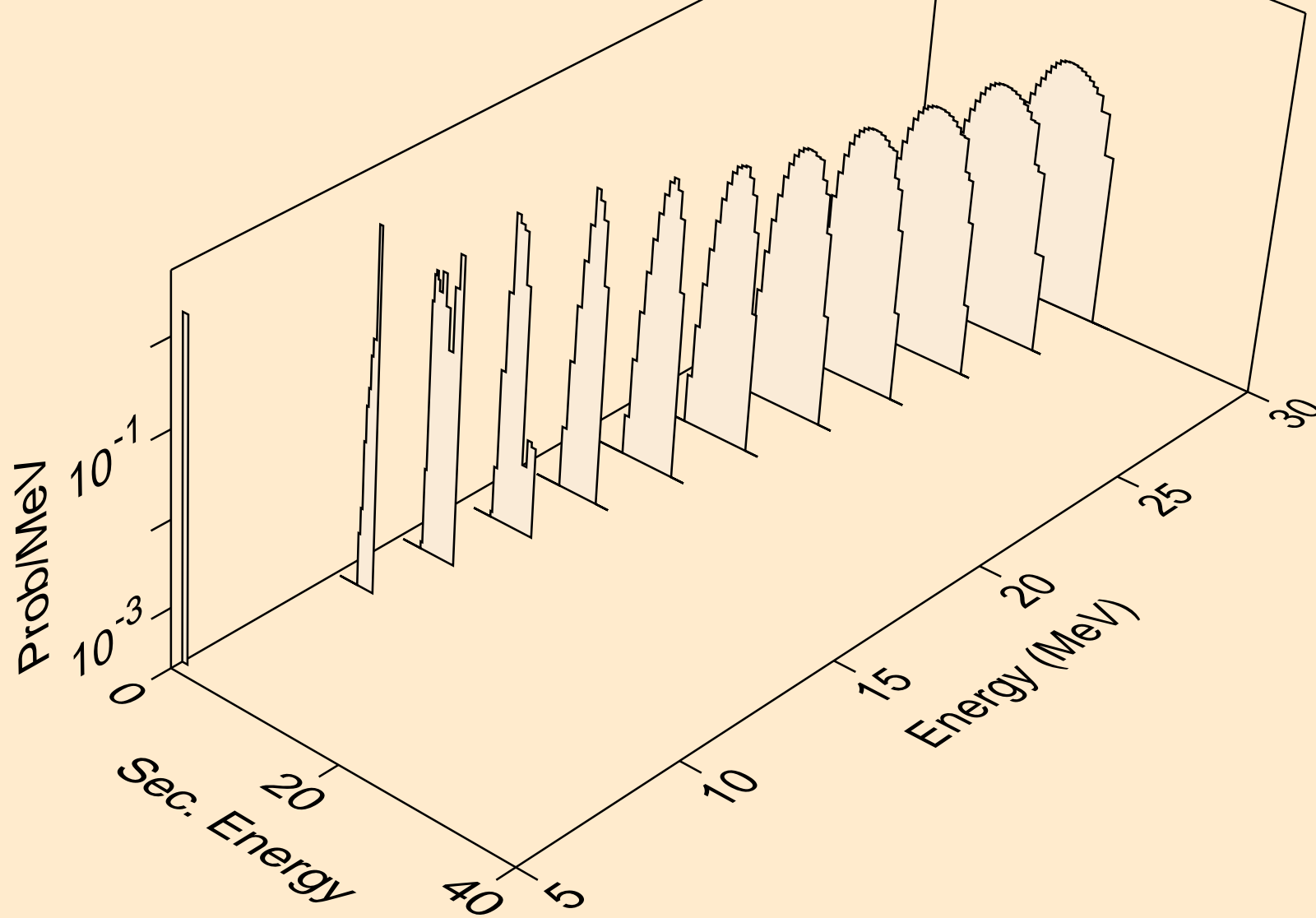
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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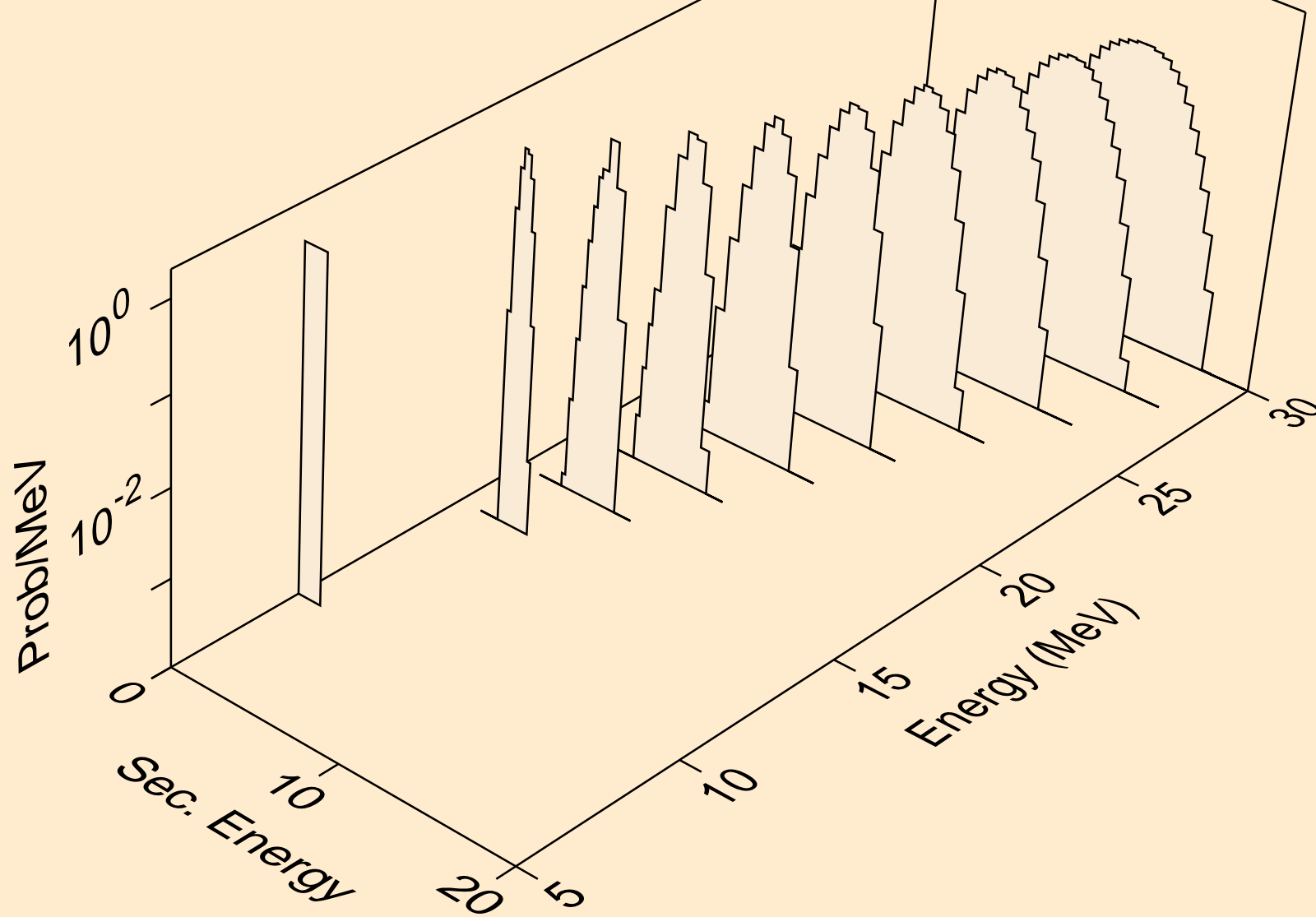
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tritons from (s,n\*)t



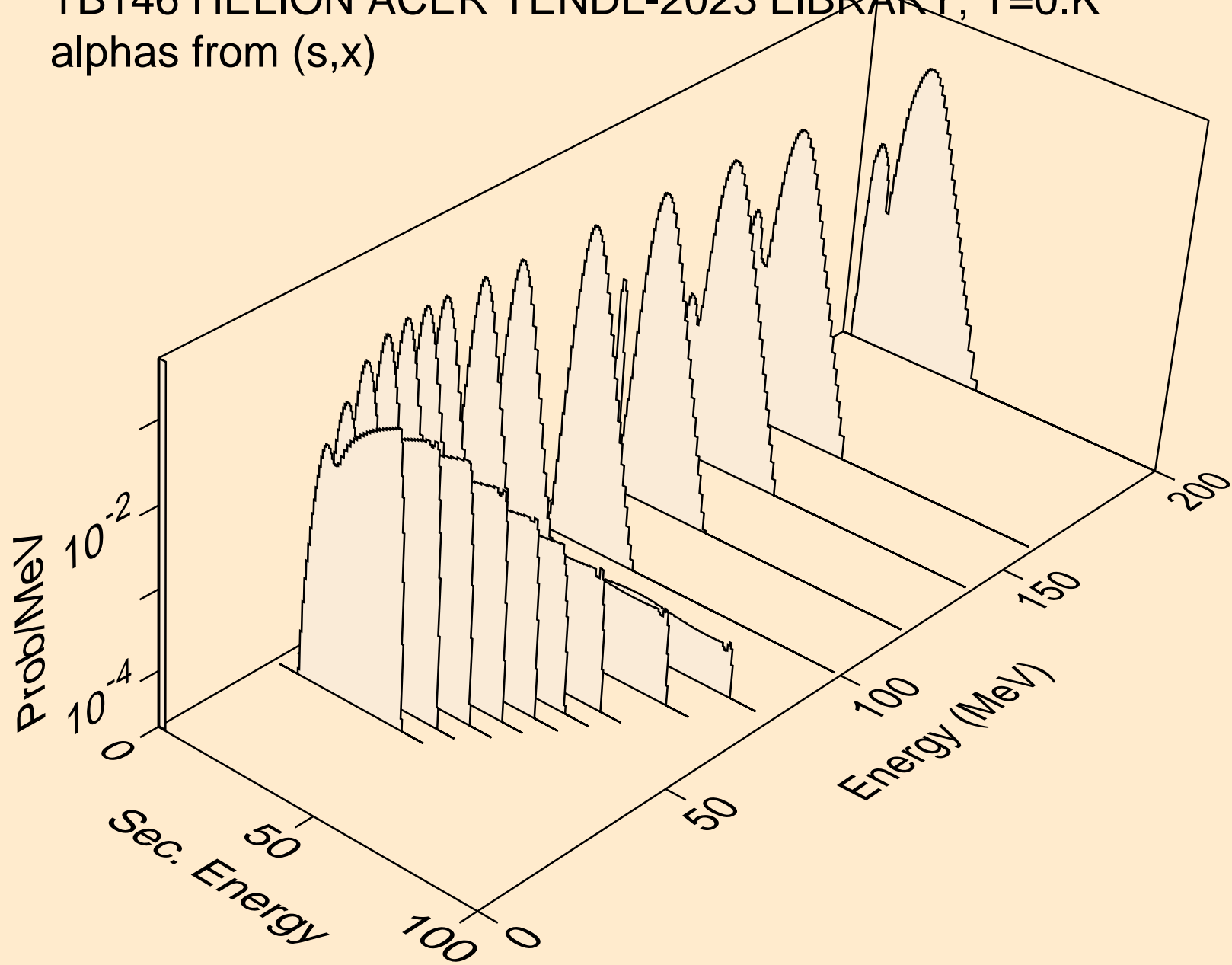
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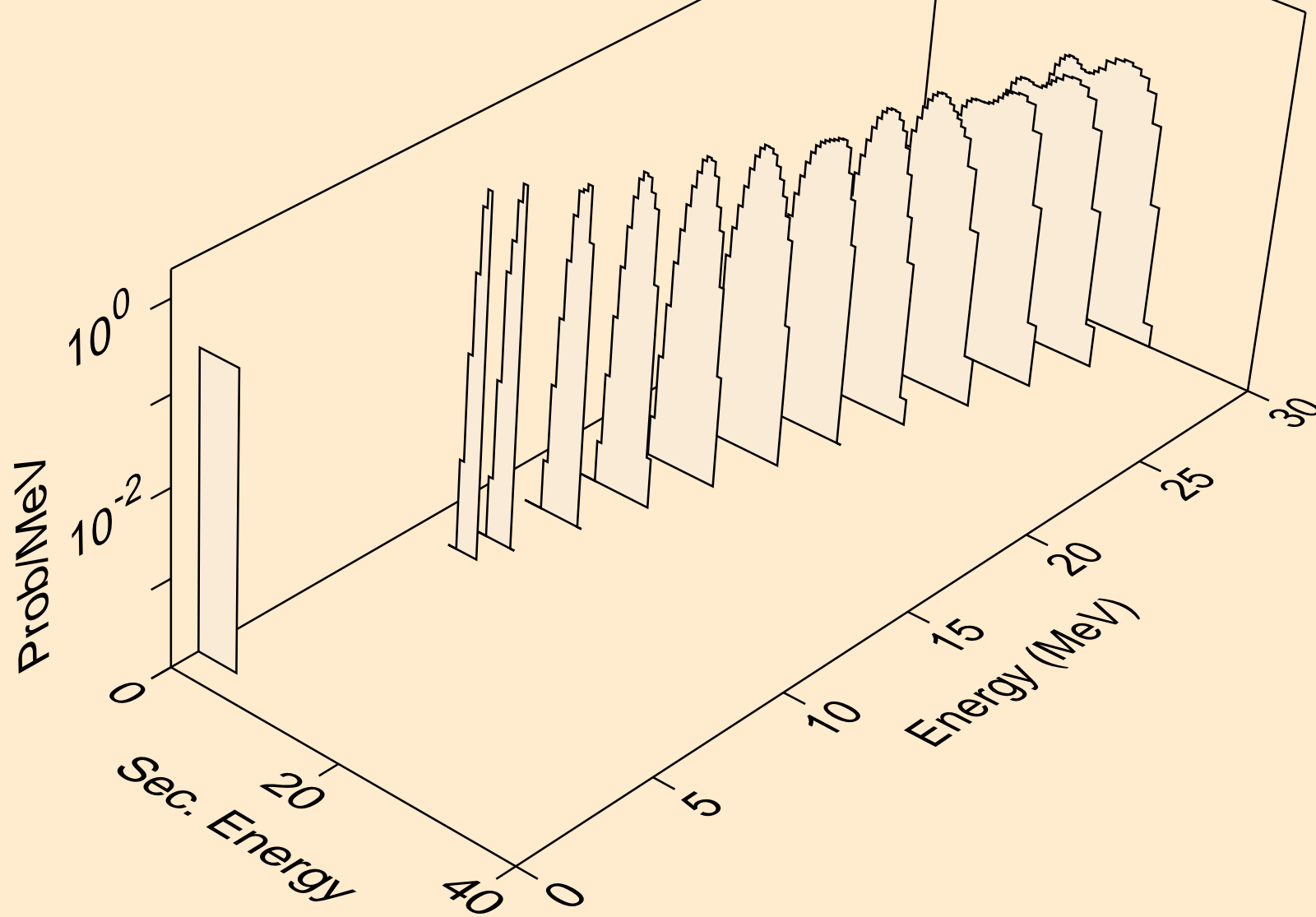
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tritons from (s,pt)



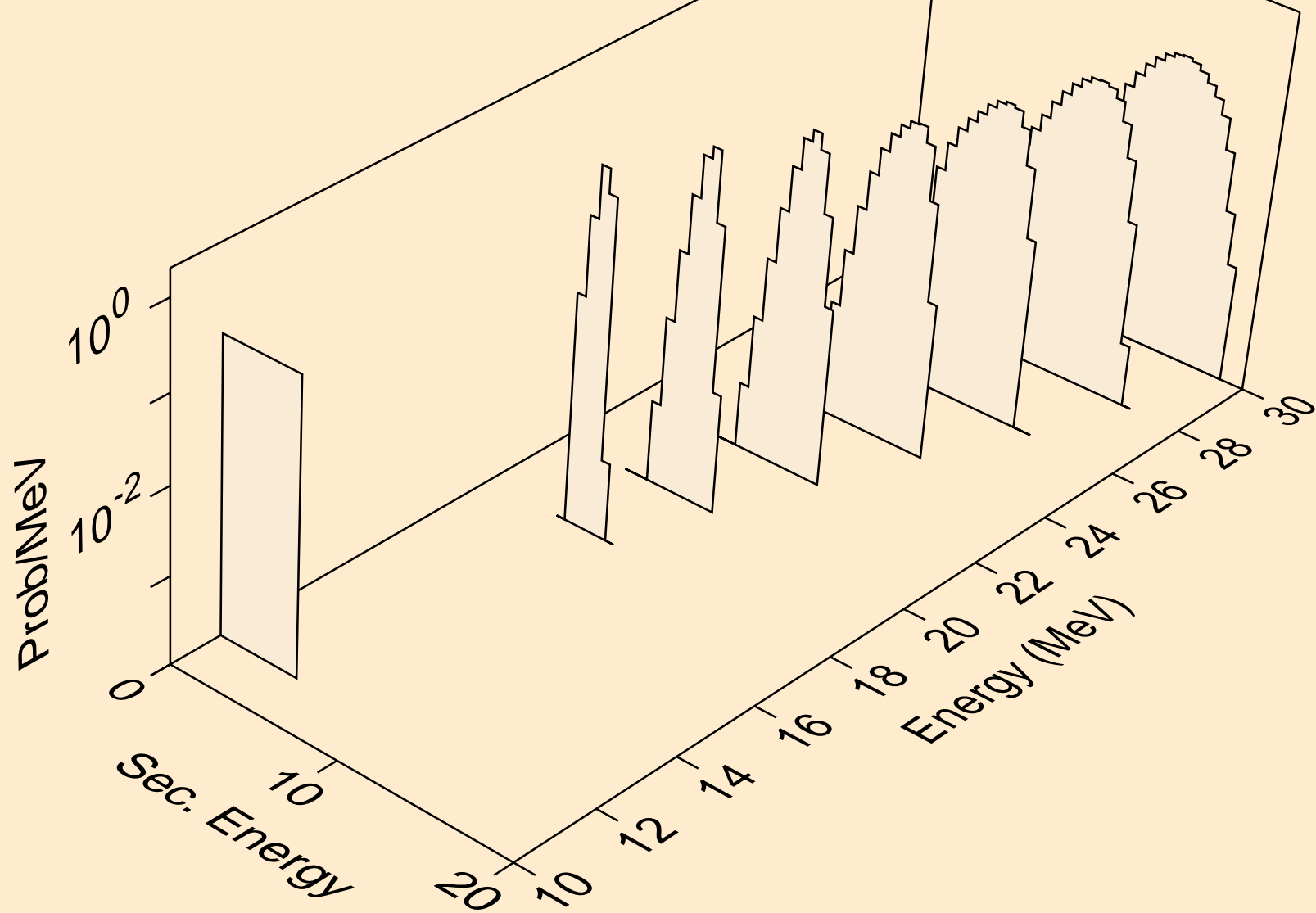
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)



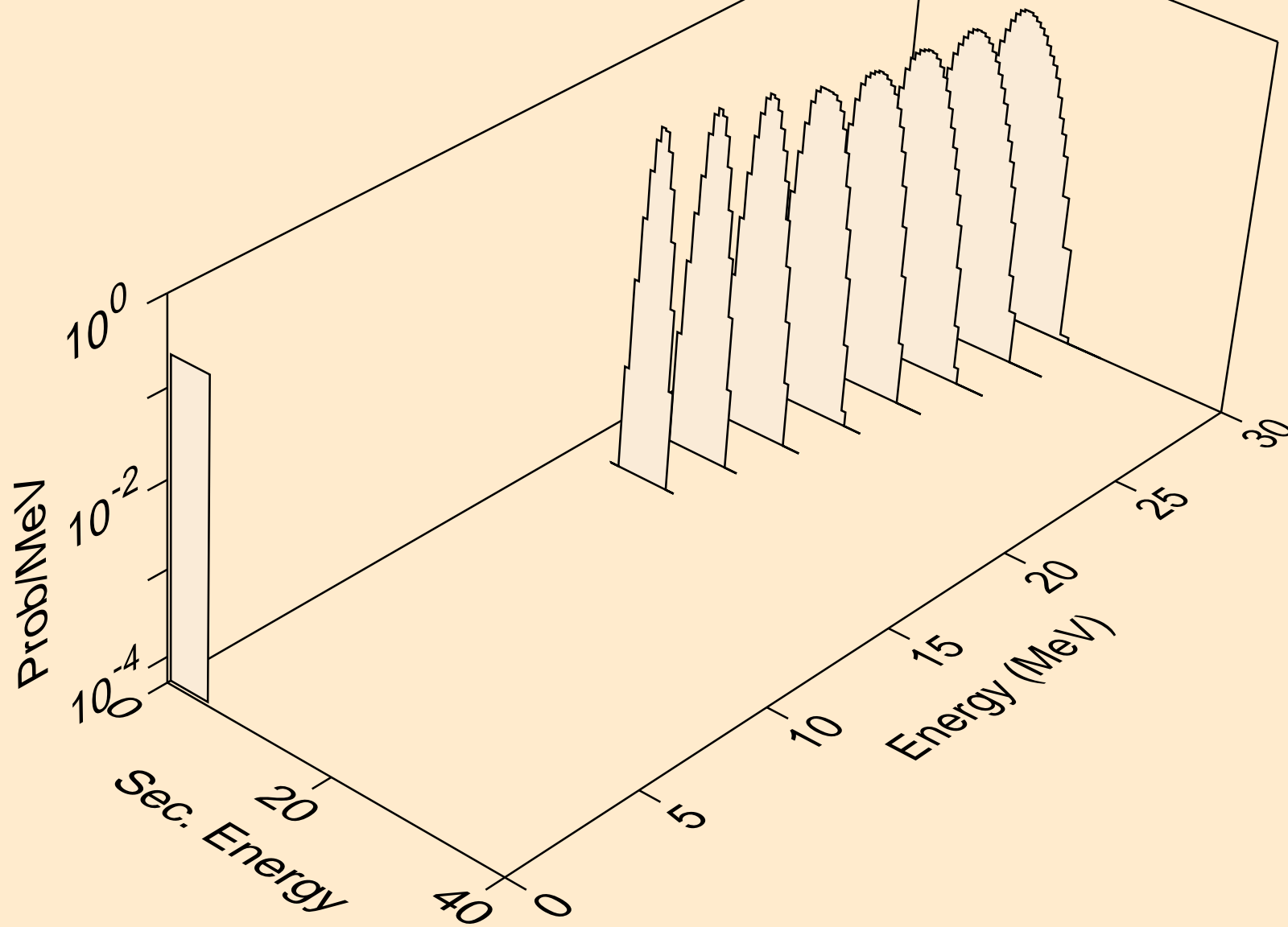
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a

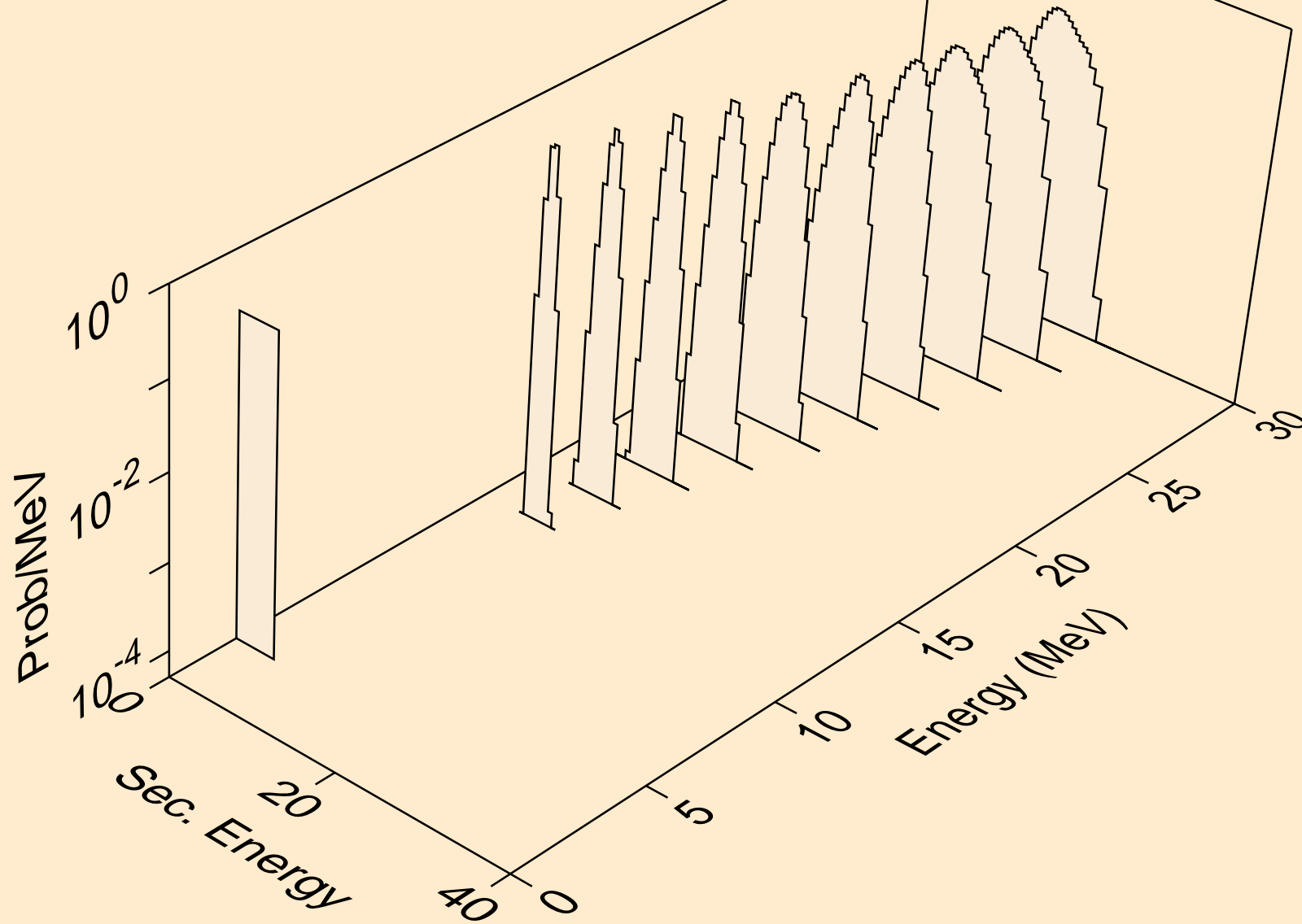


TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)2a

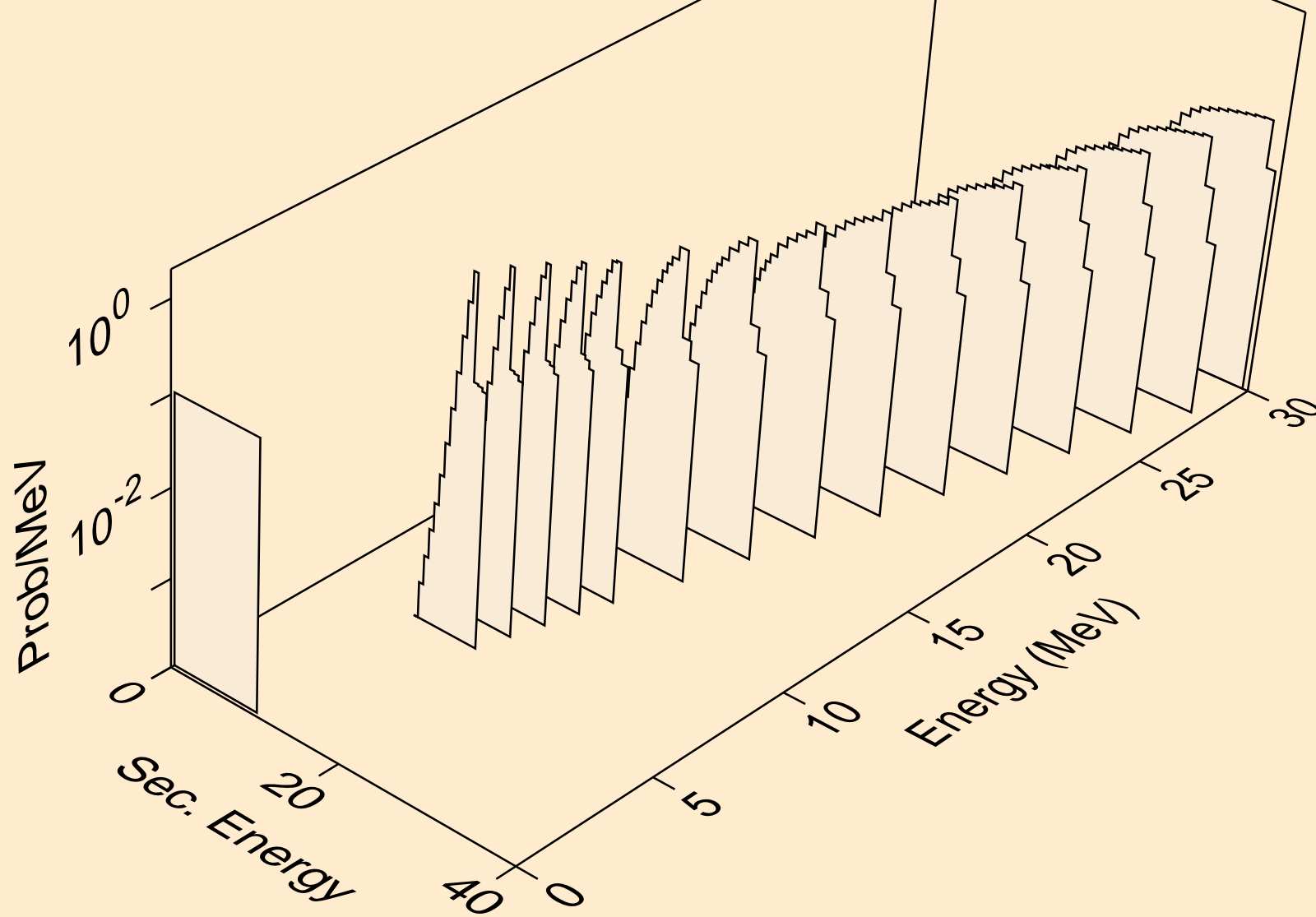




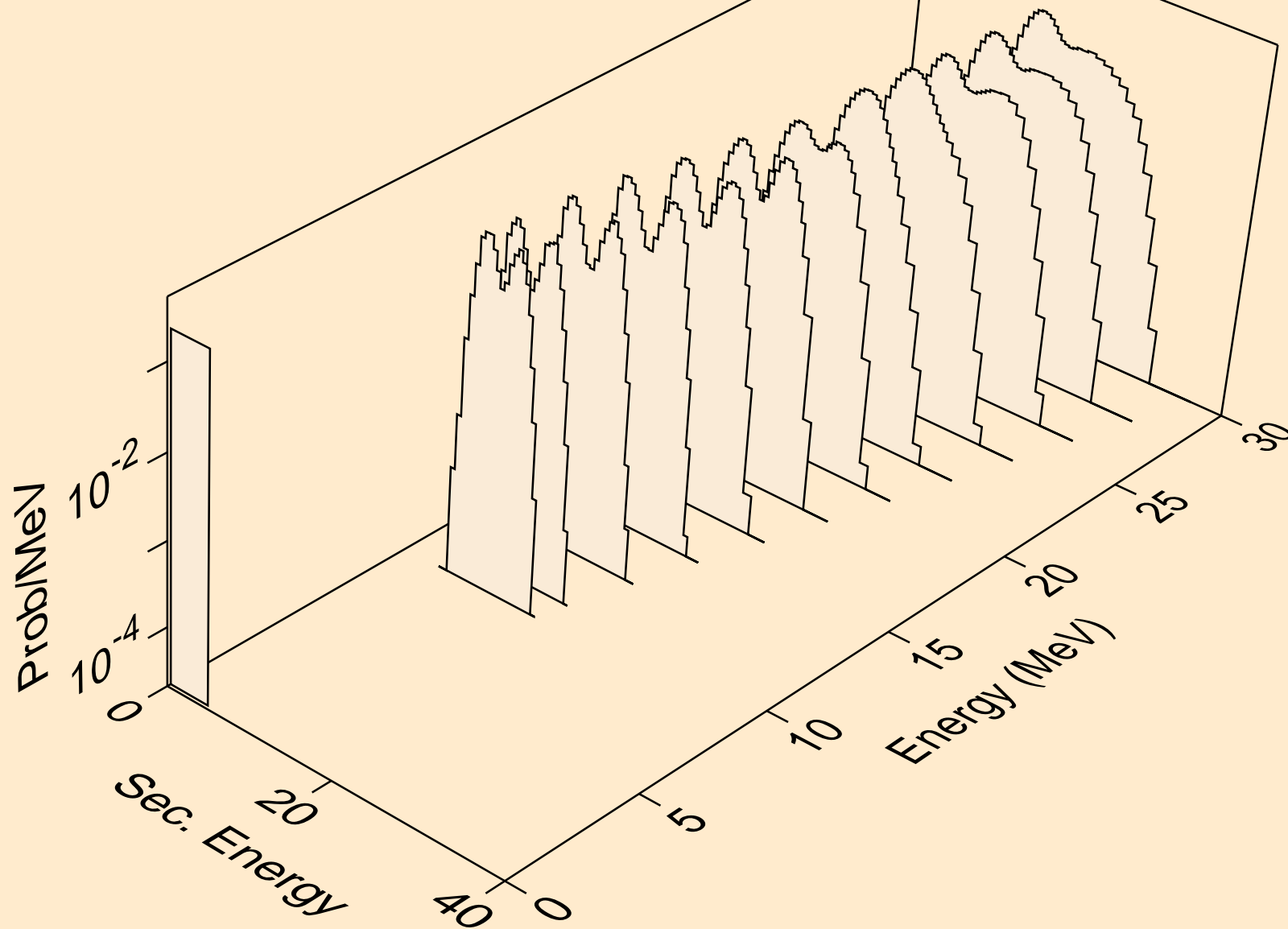
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)



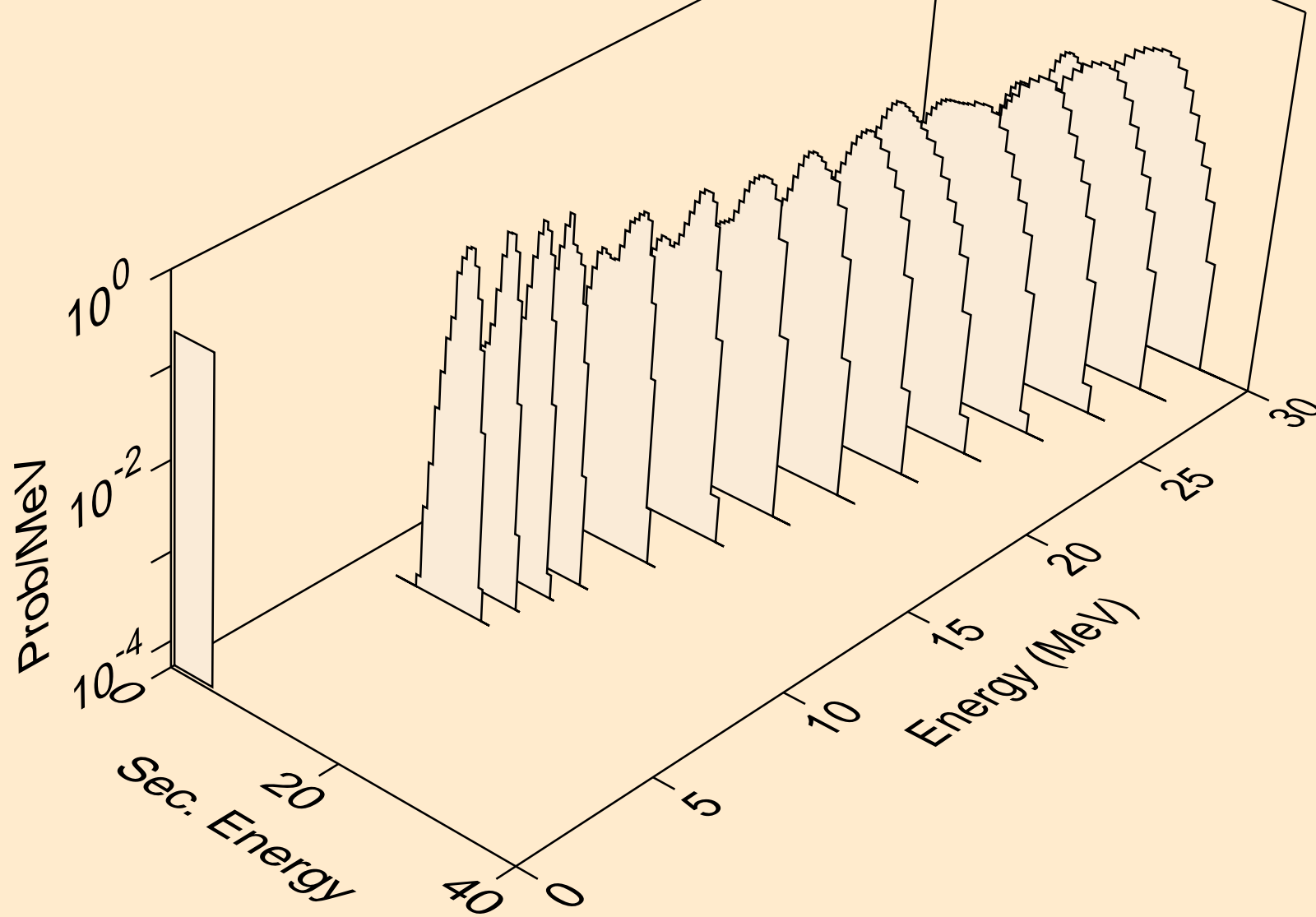
TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



TB146 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

