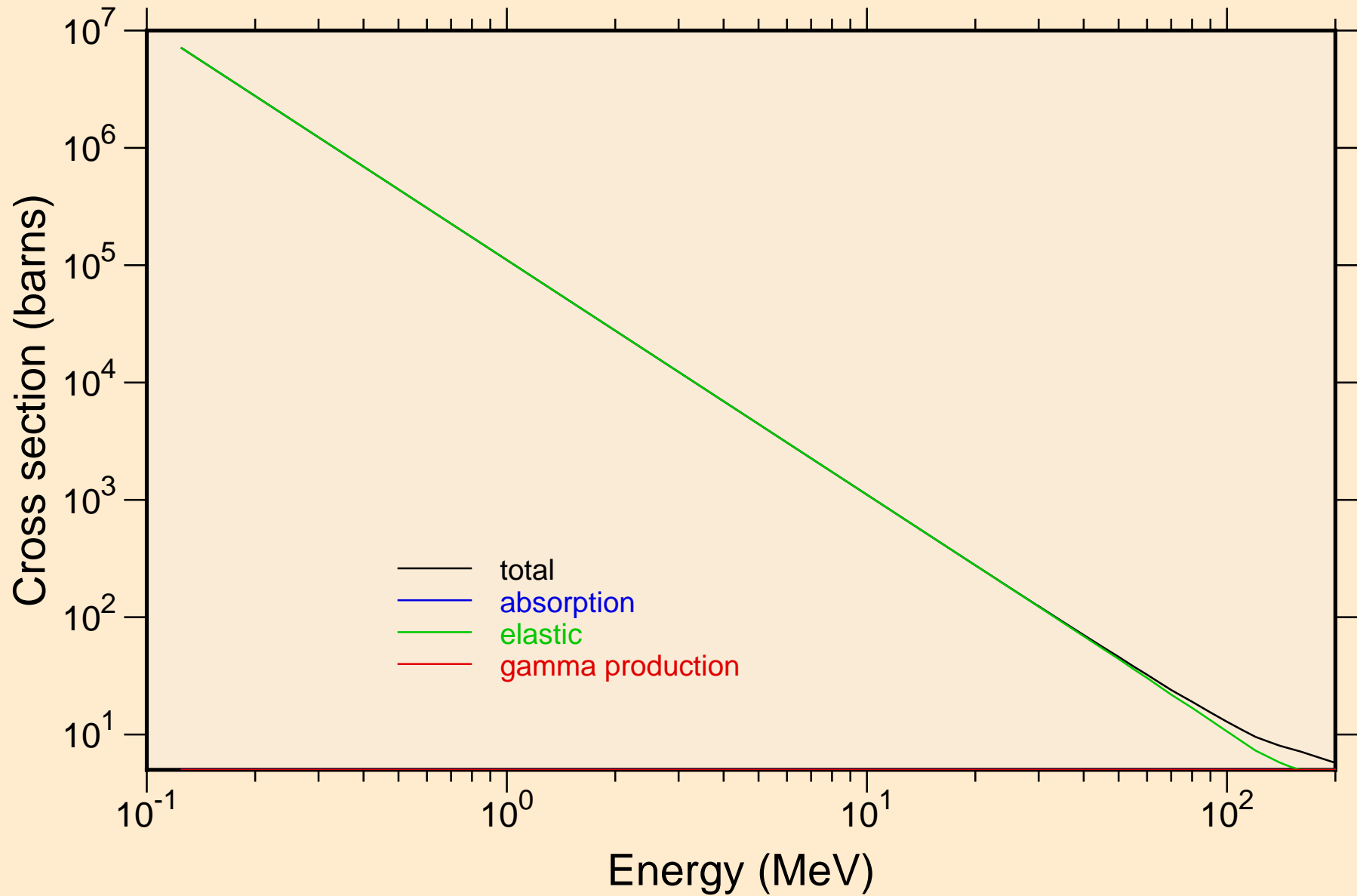


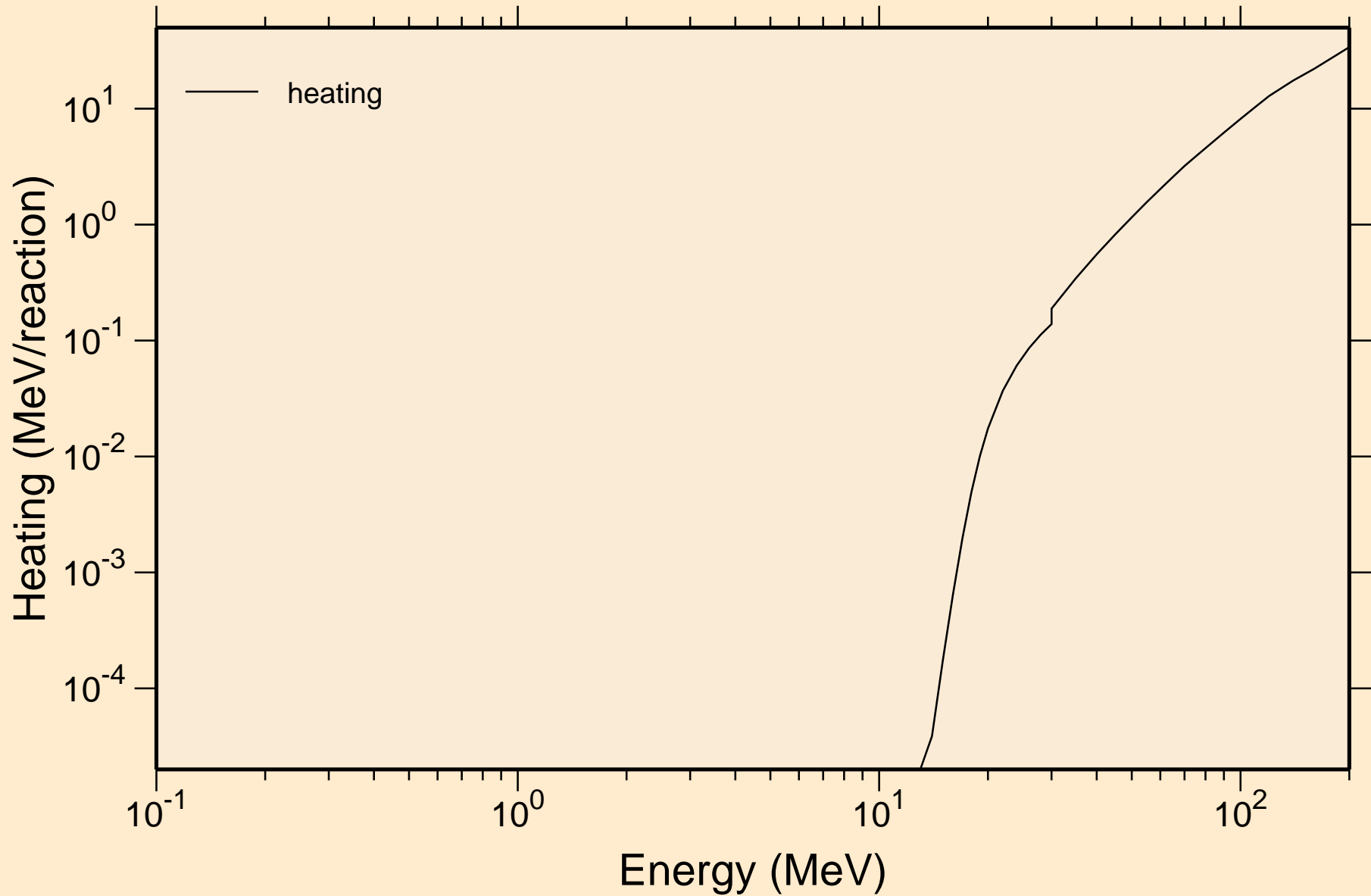
# DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



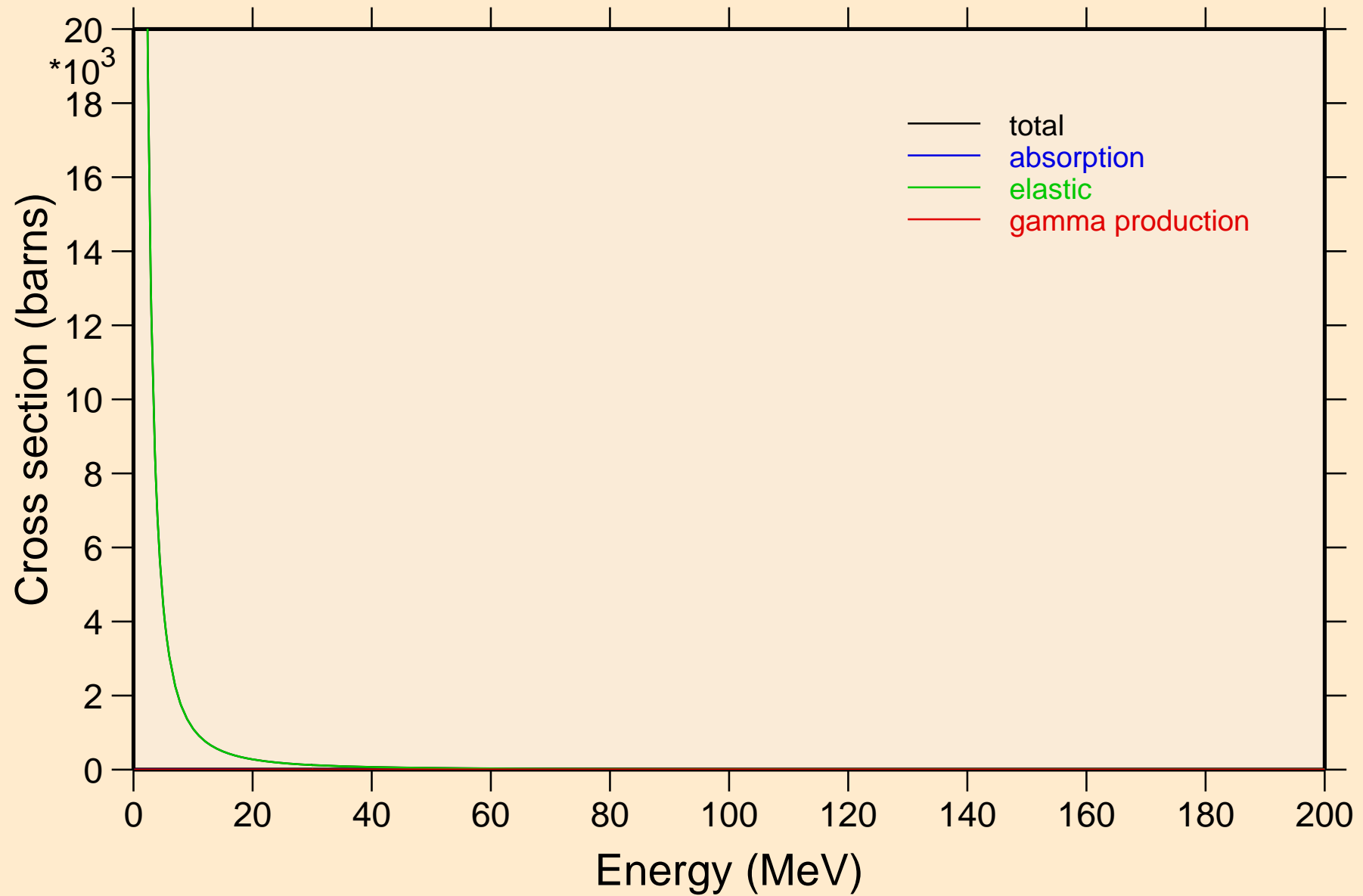
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Heating



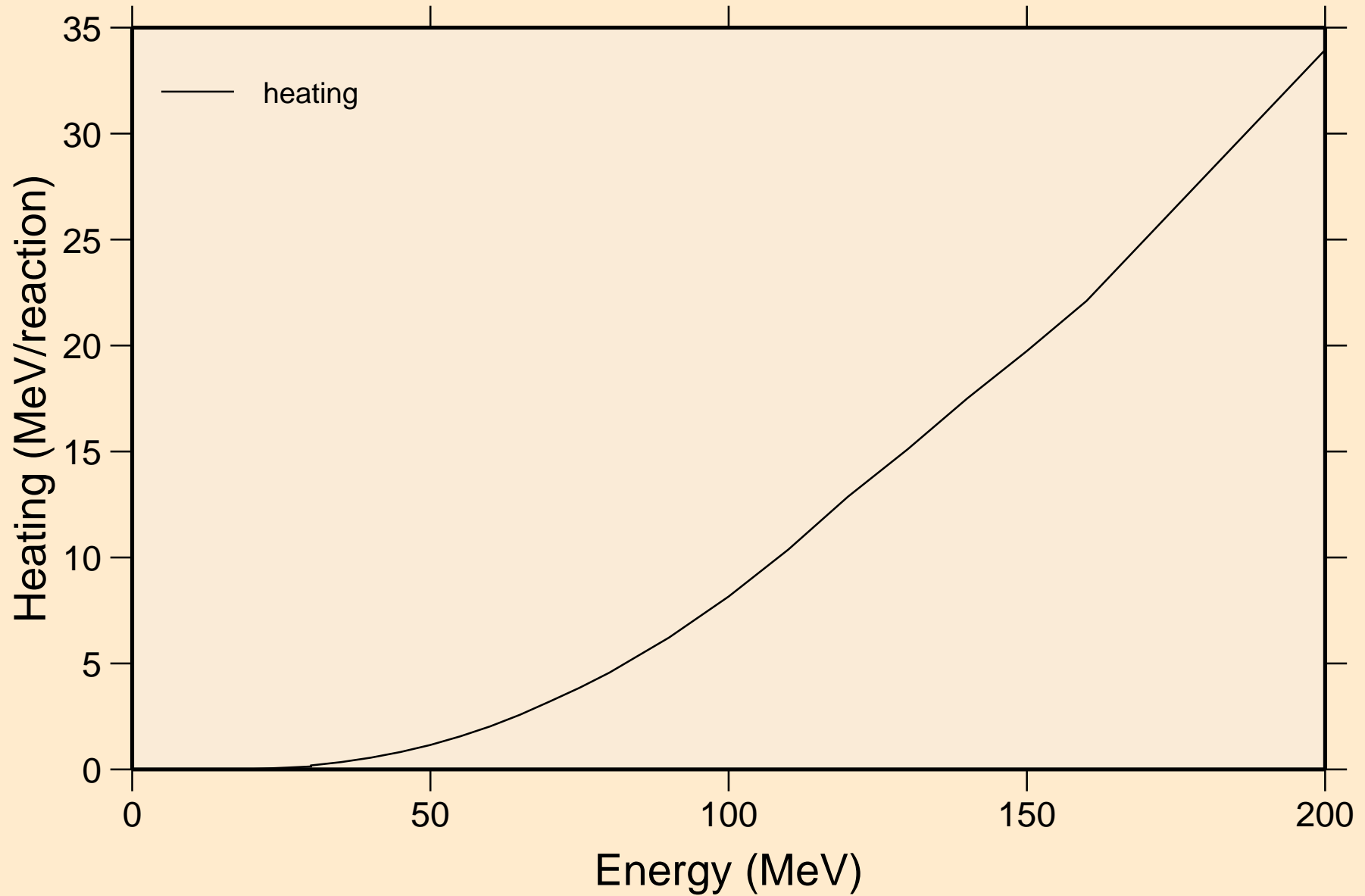
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## Principal cross sections

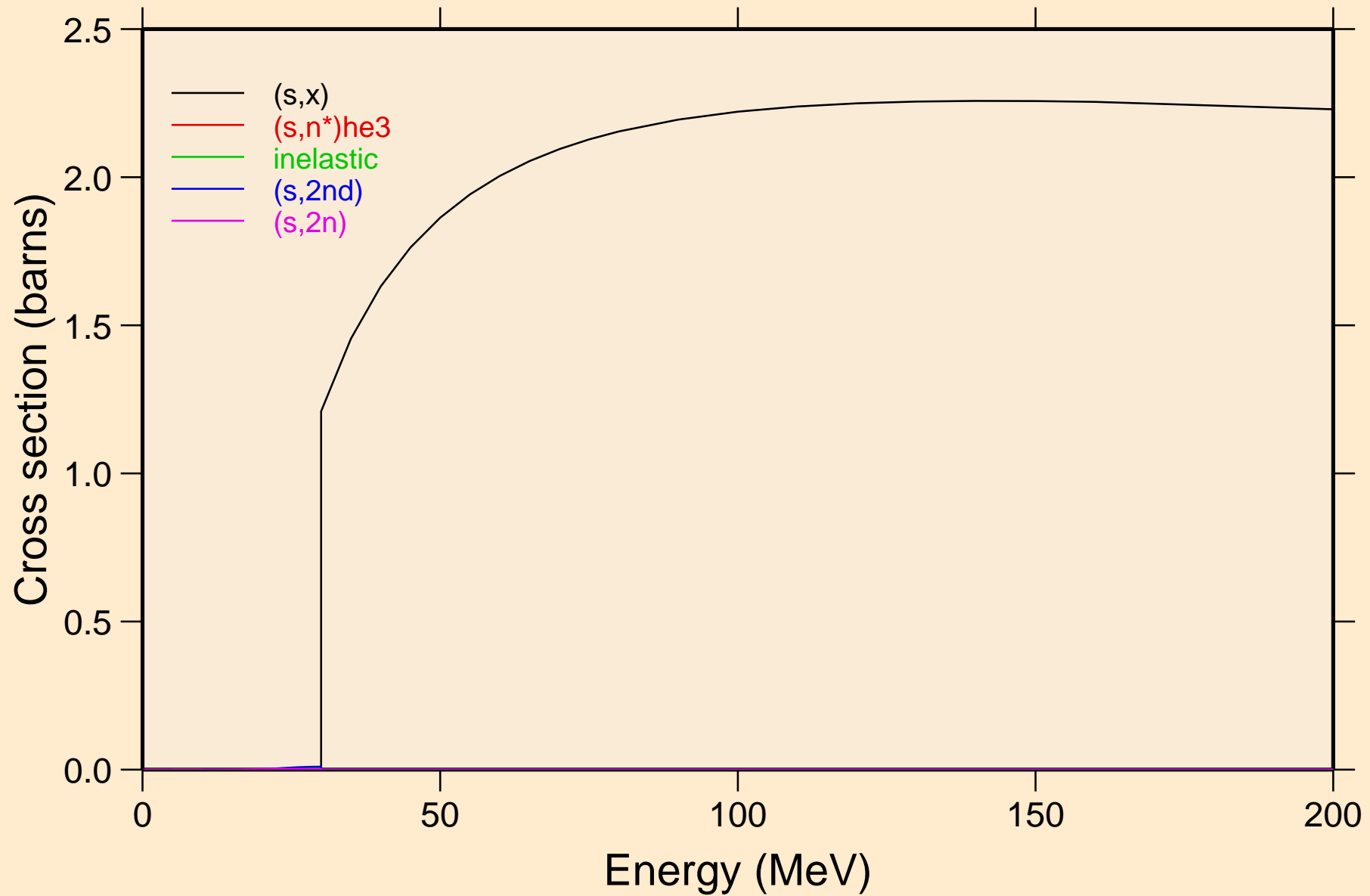


DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K

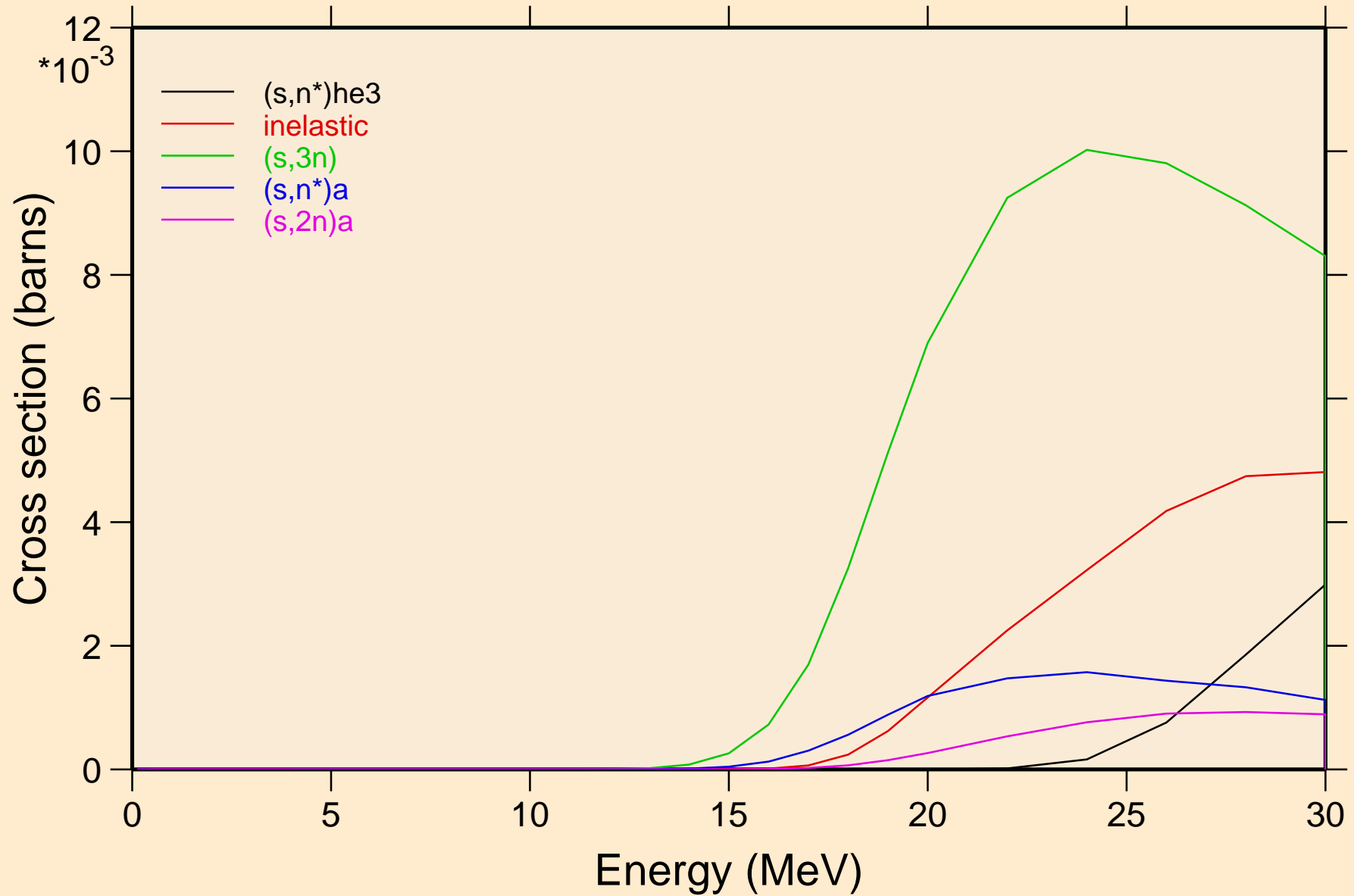
Heating



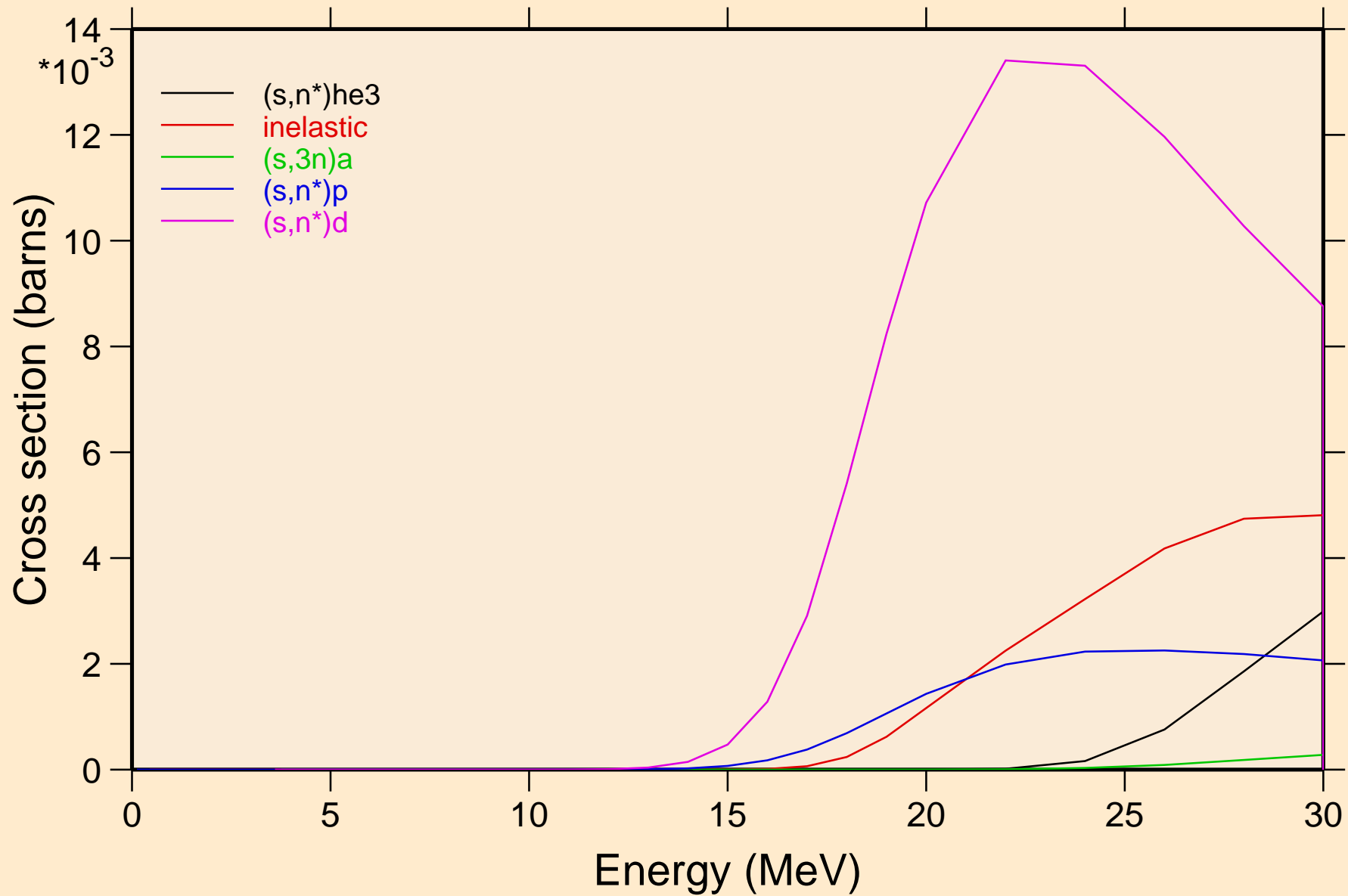
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Threshold reactions



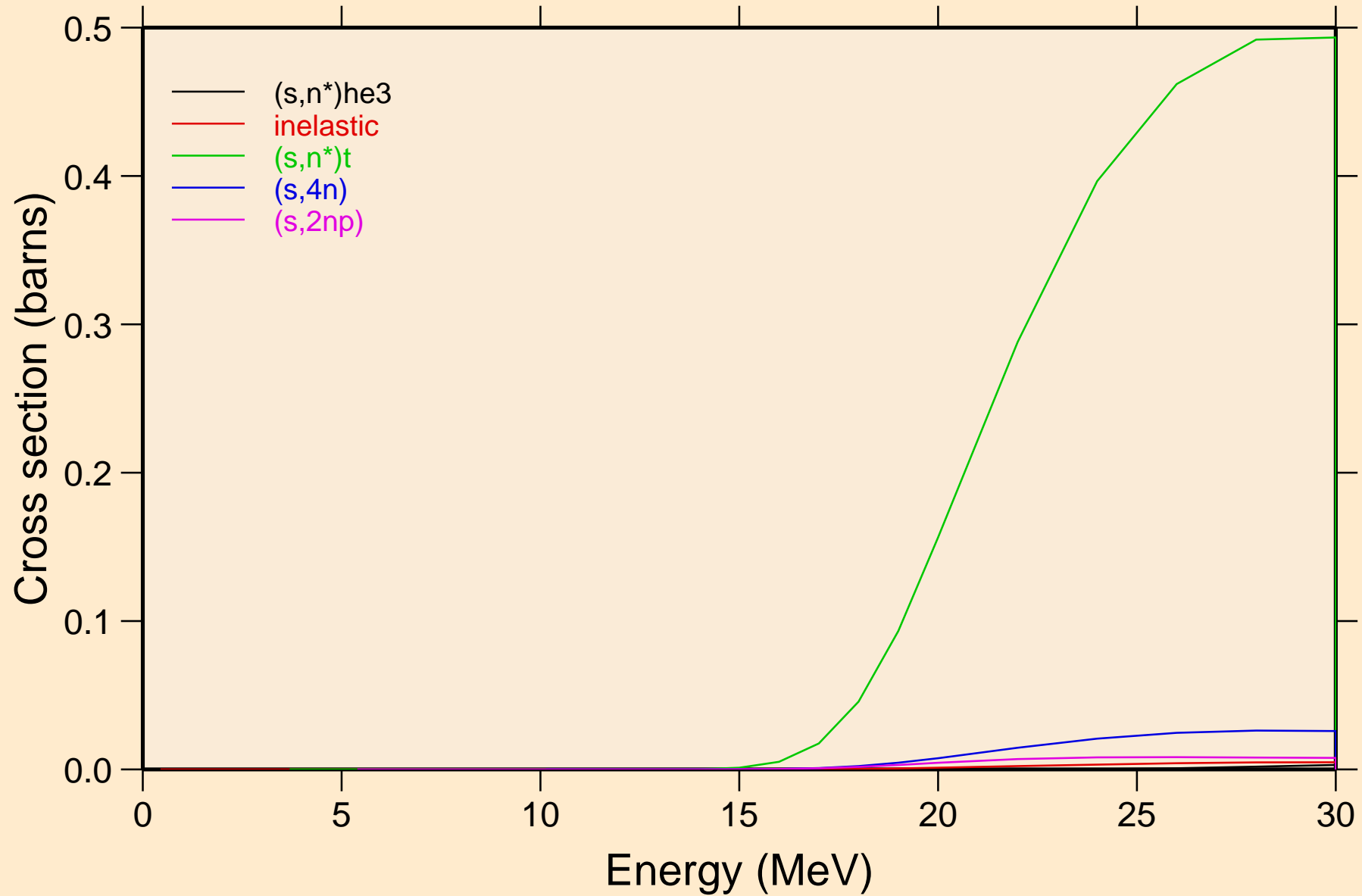
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Threshold reactions



DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

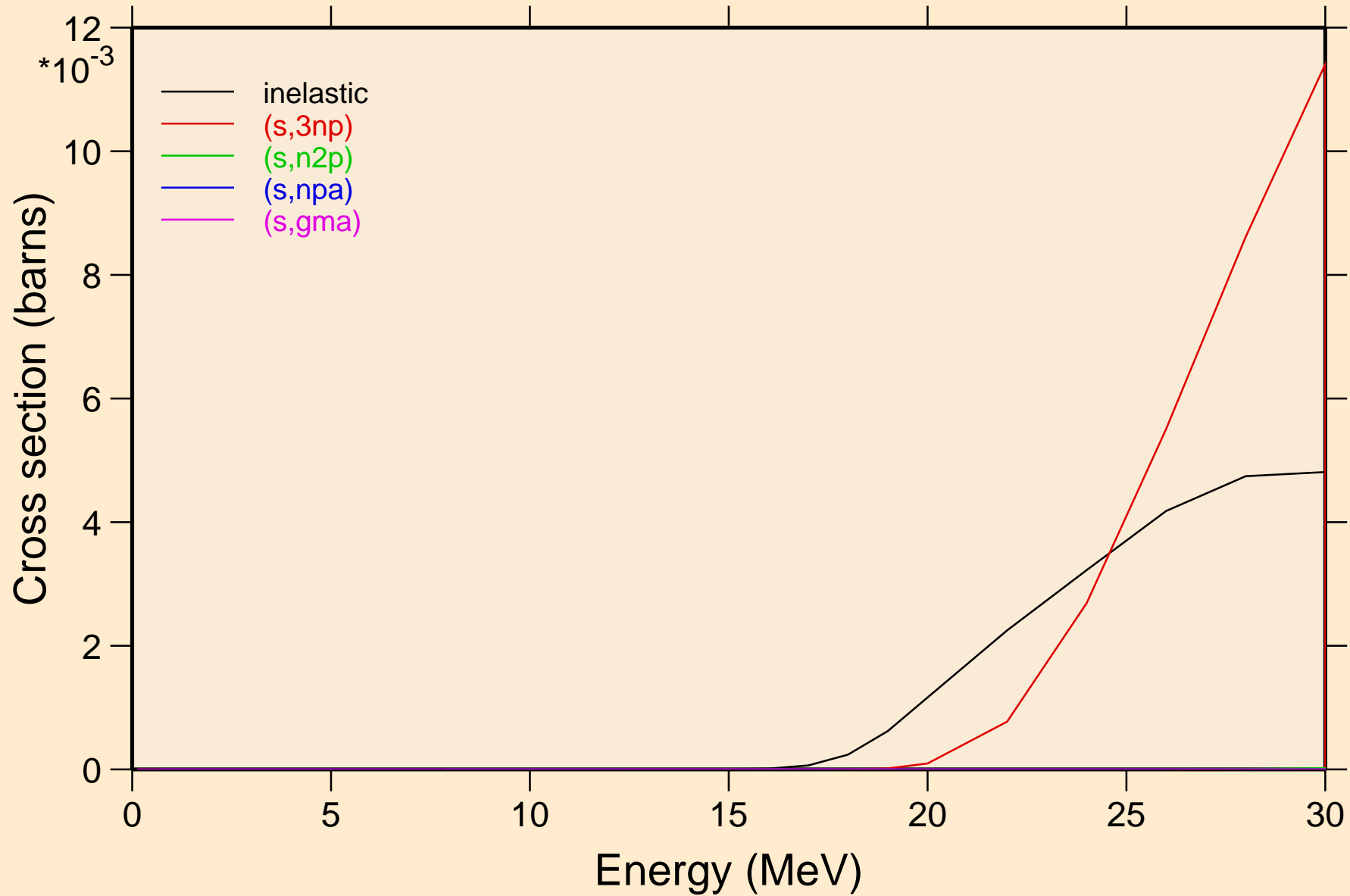


DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

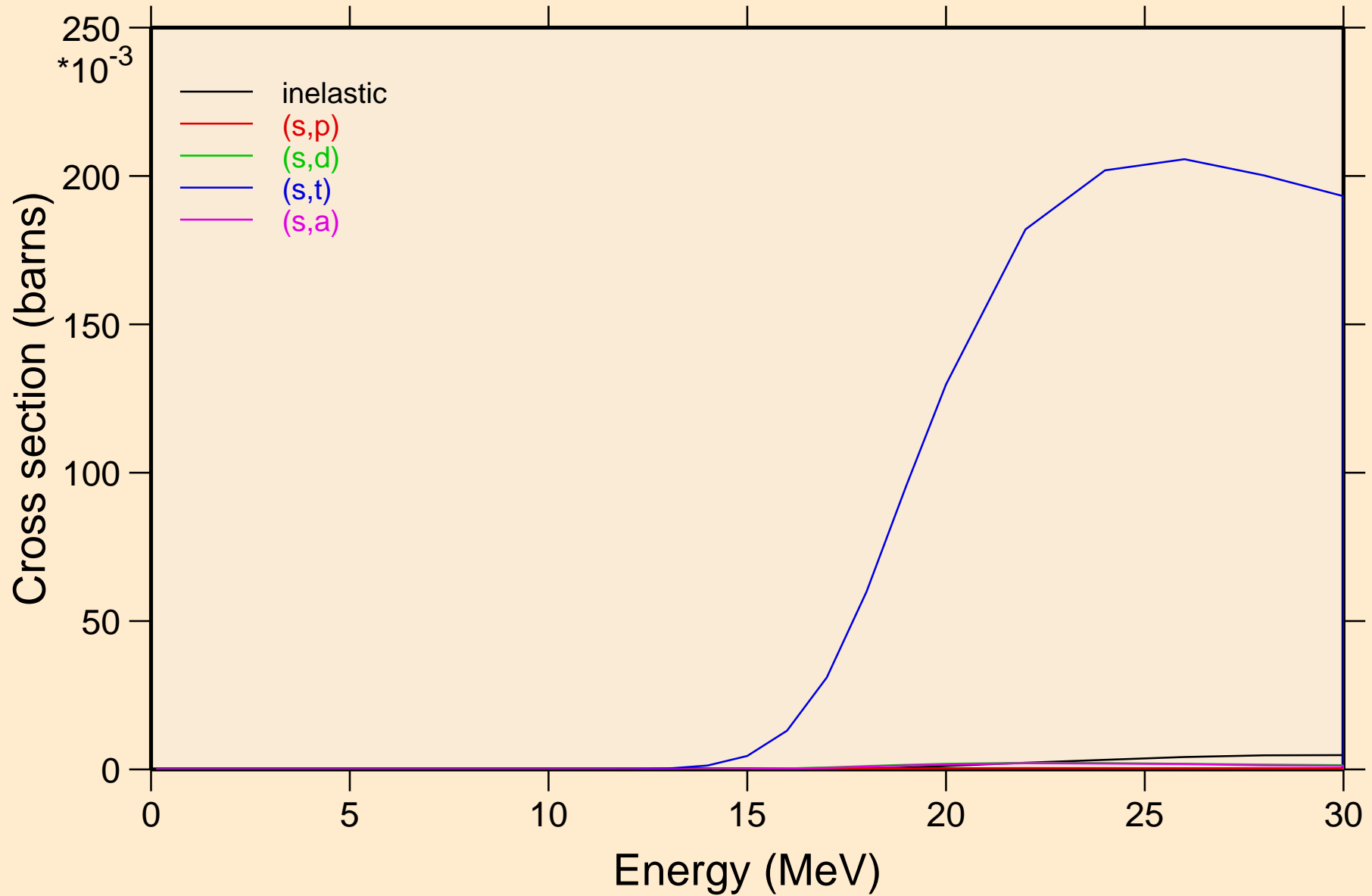




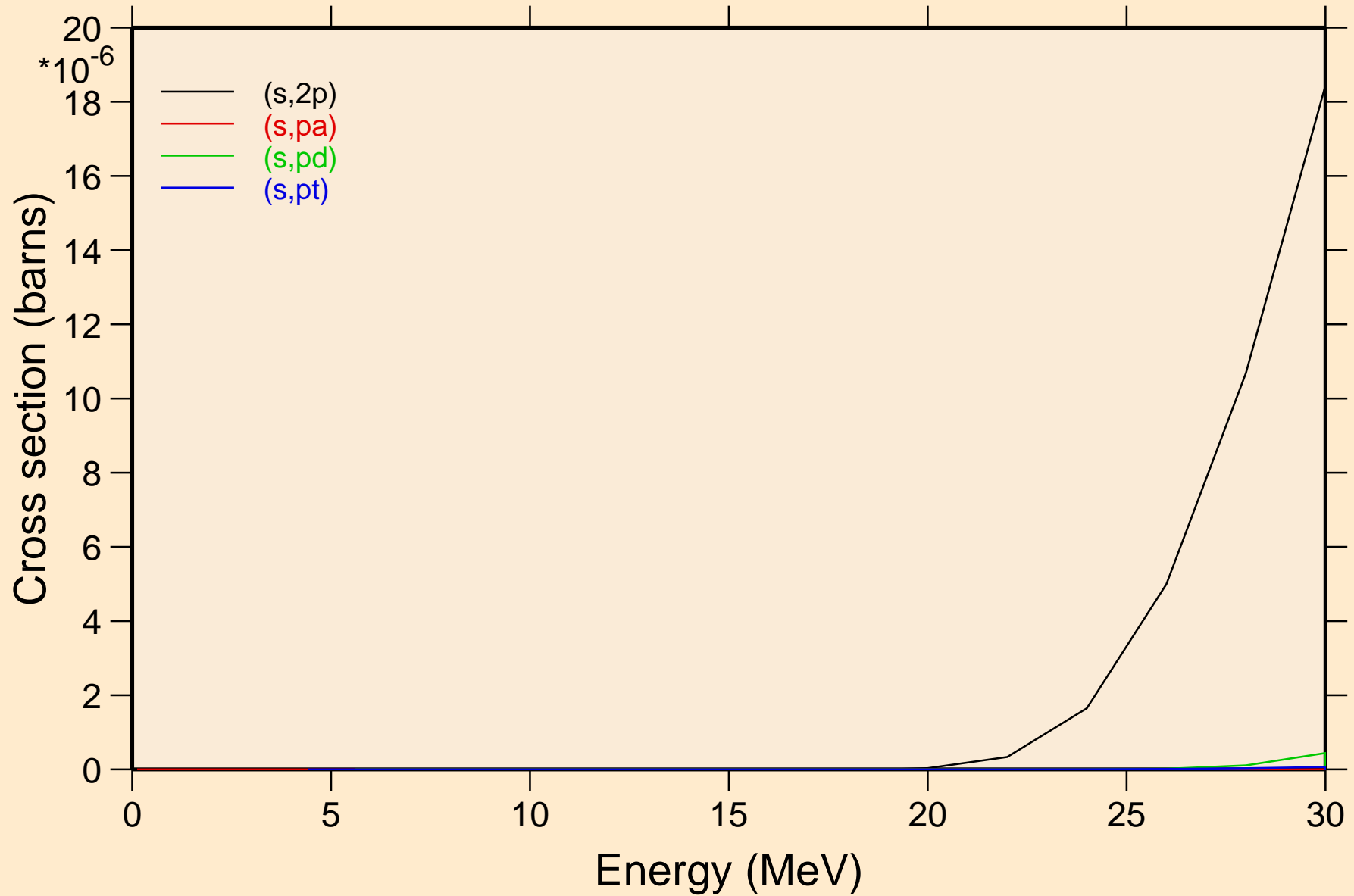
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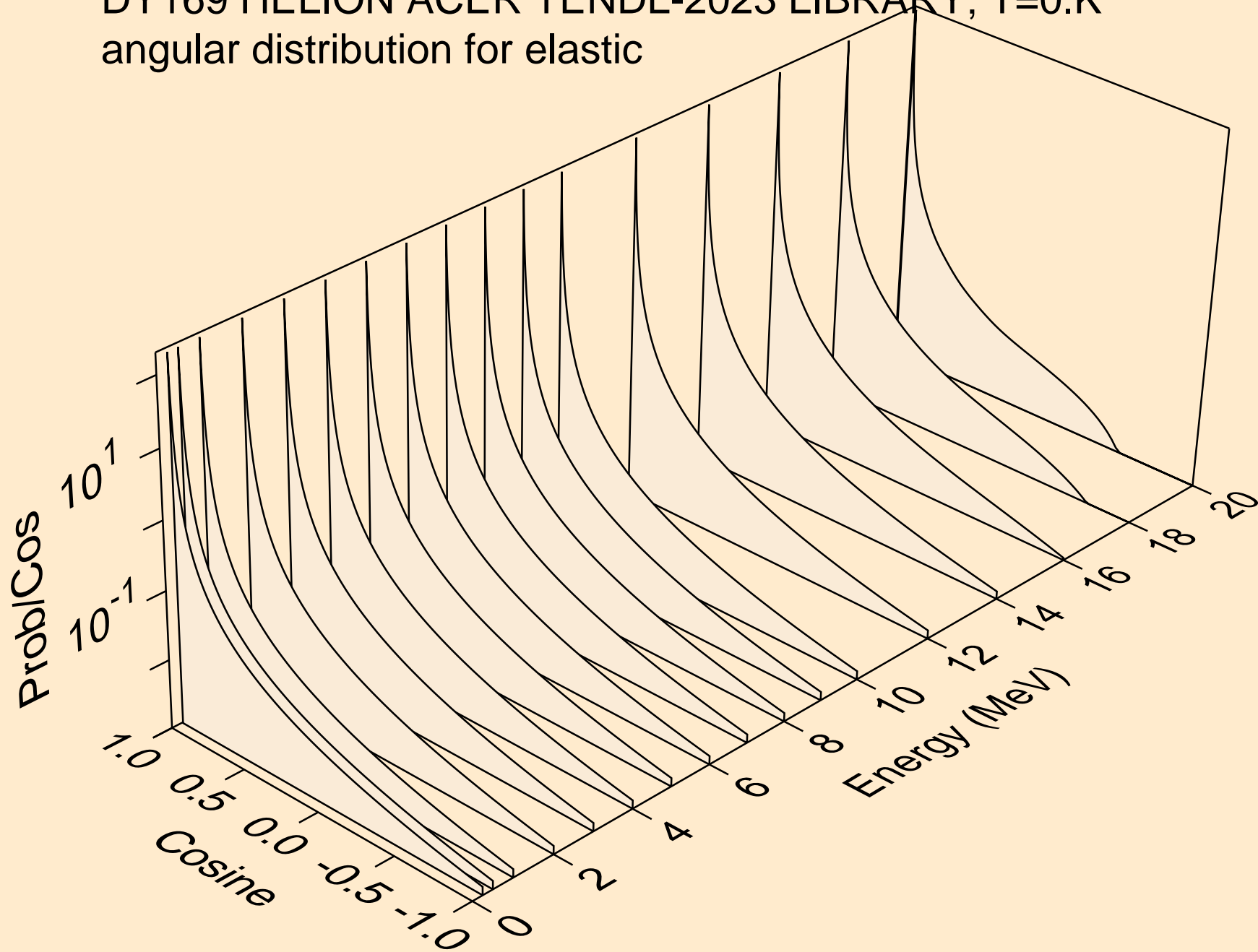
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Threshold reactions



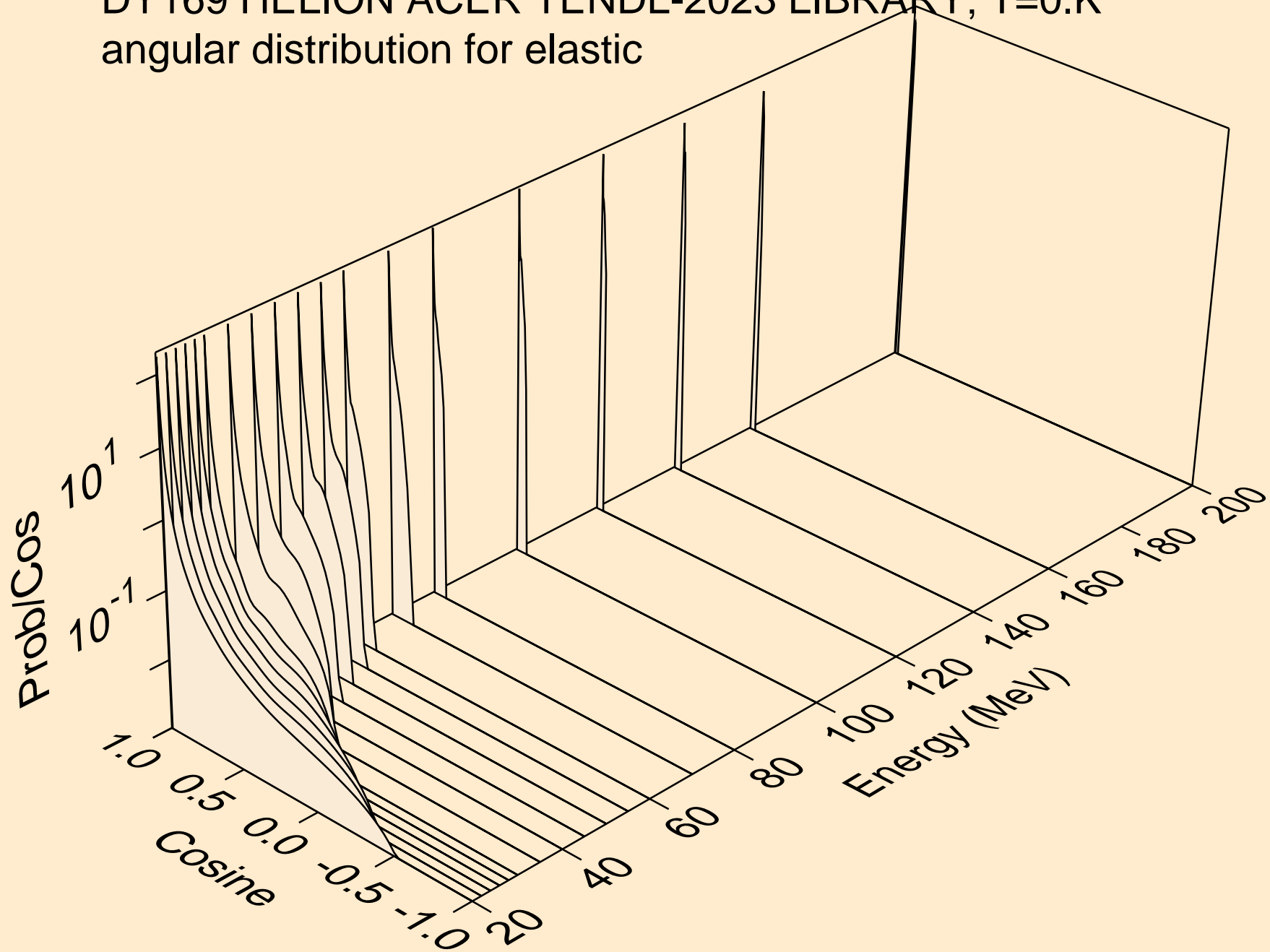
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Threshold reactions



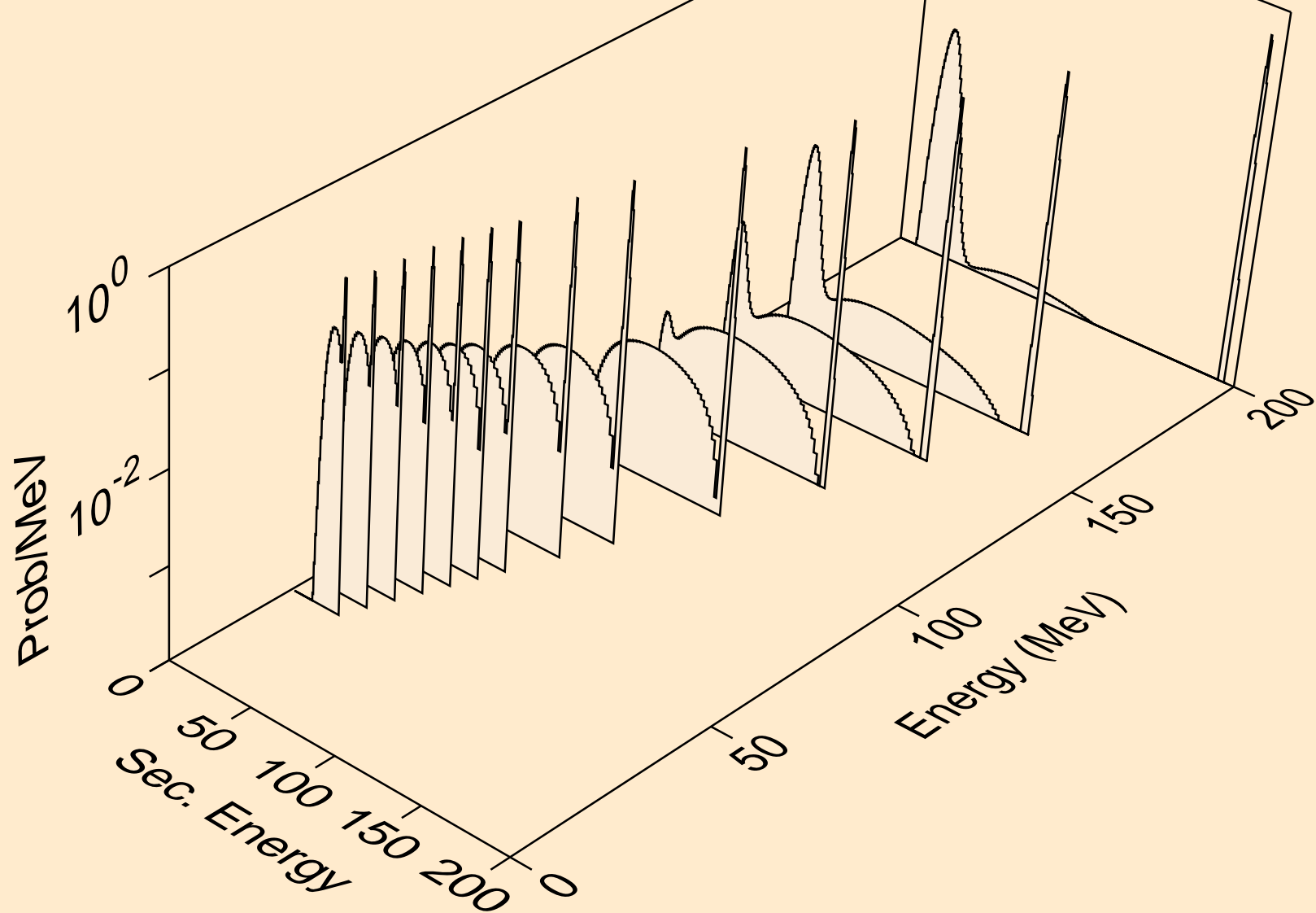
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angular distribution for elastic



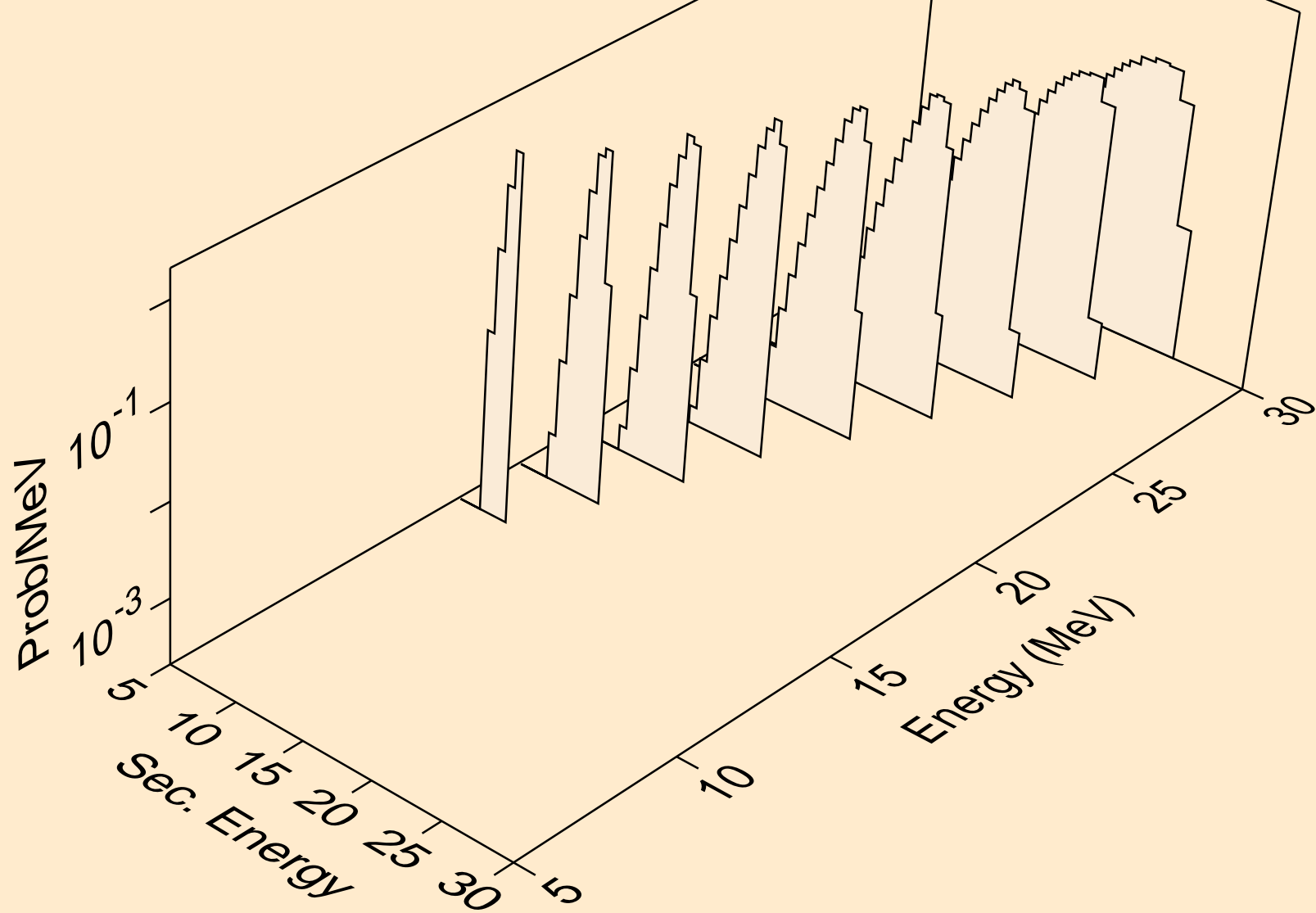
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angular distribution for elastic



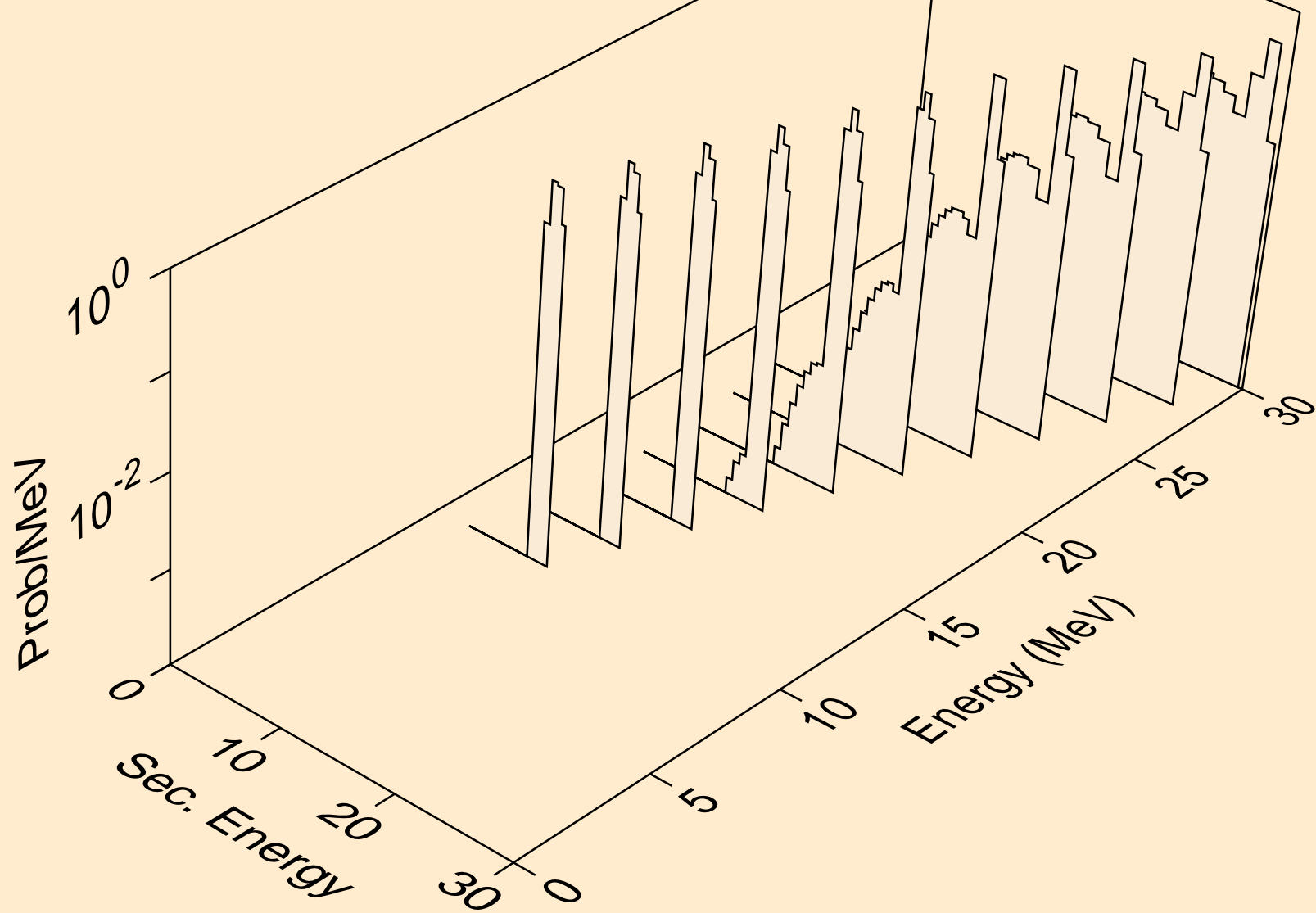
DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

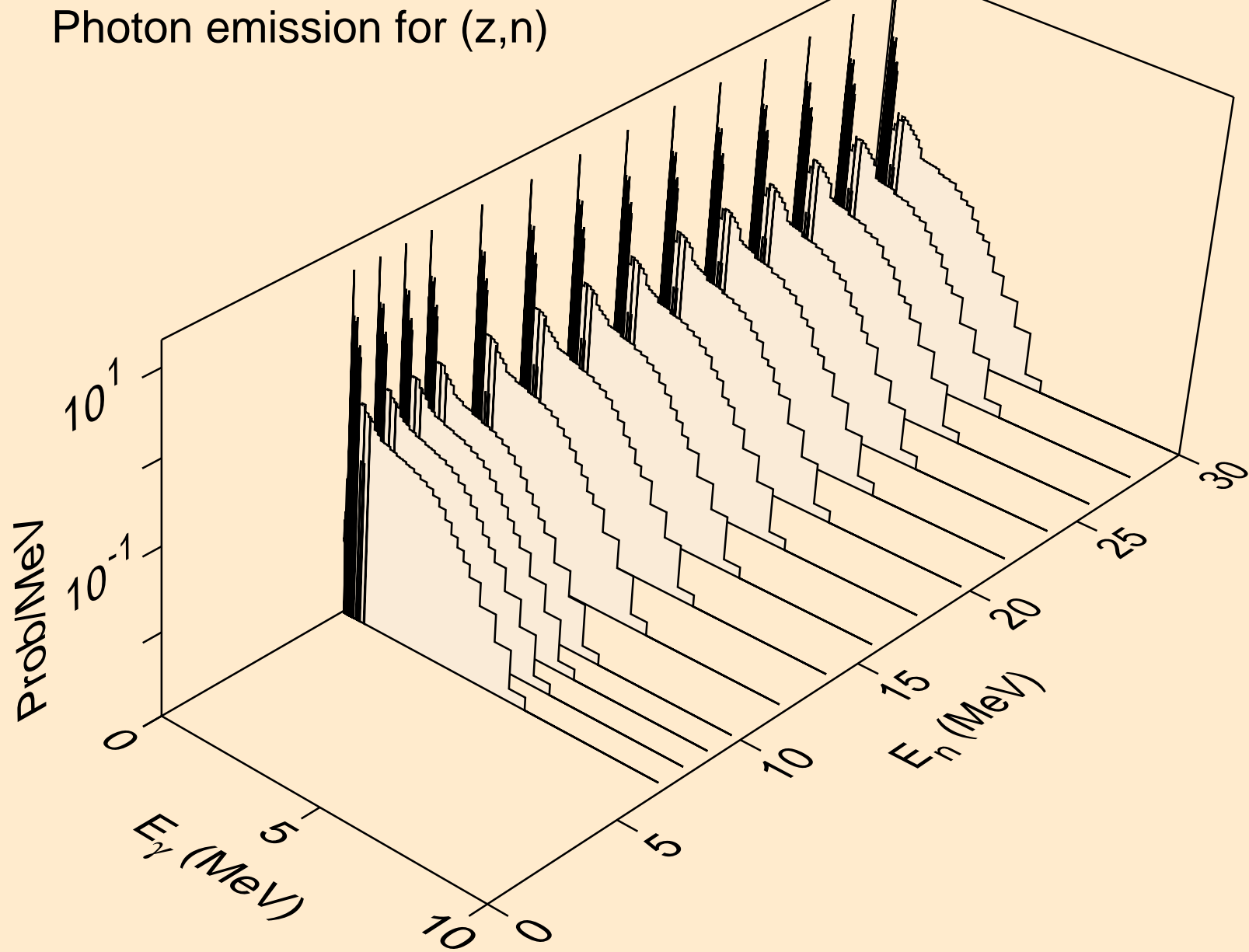


DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

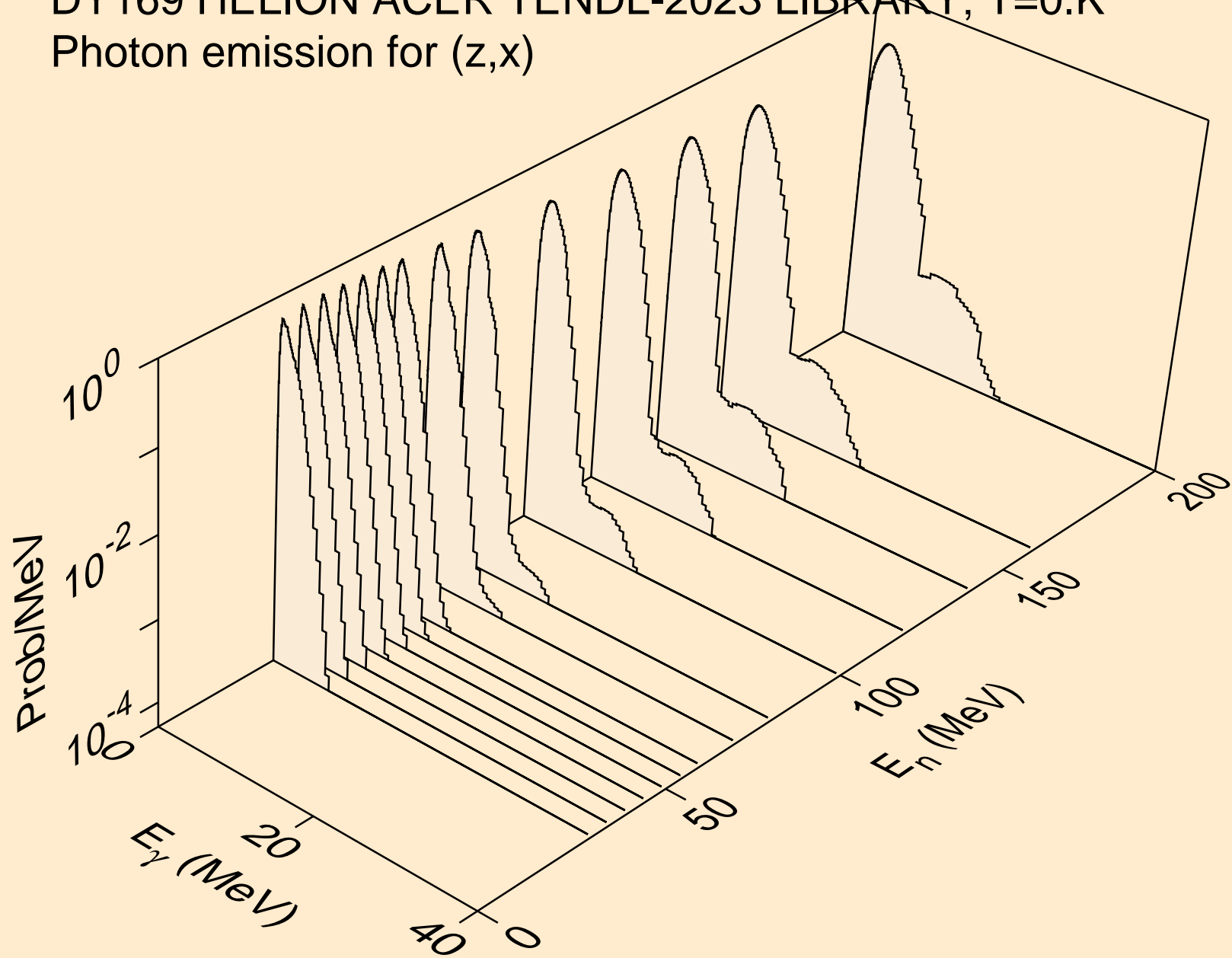




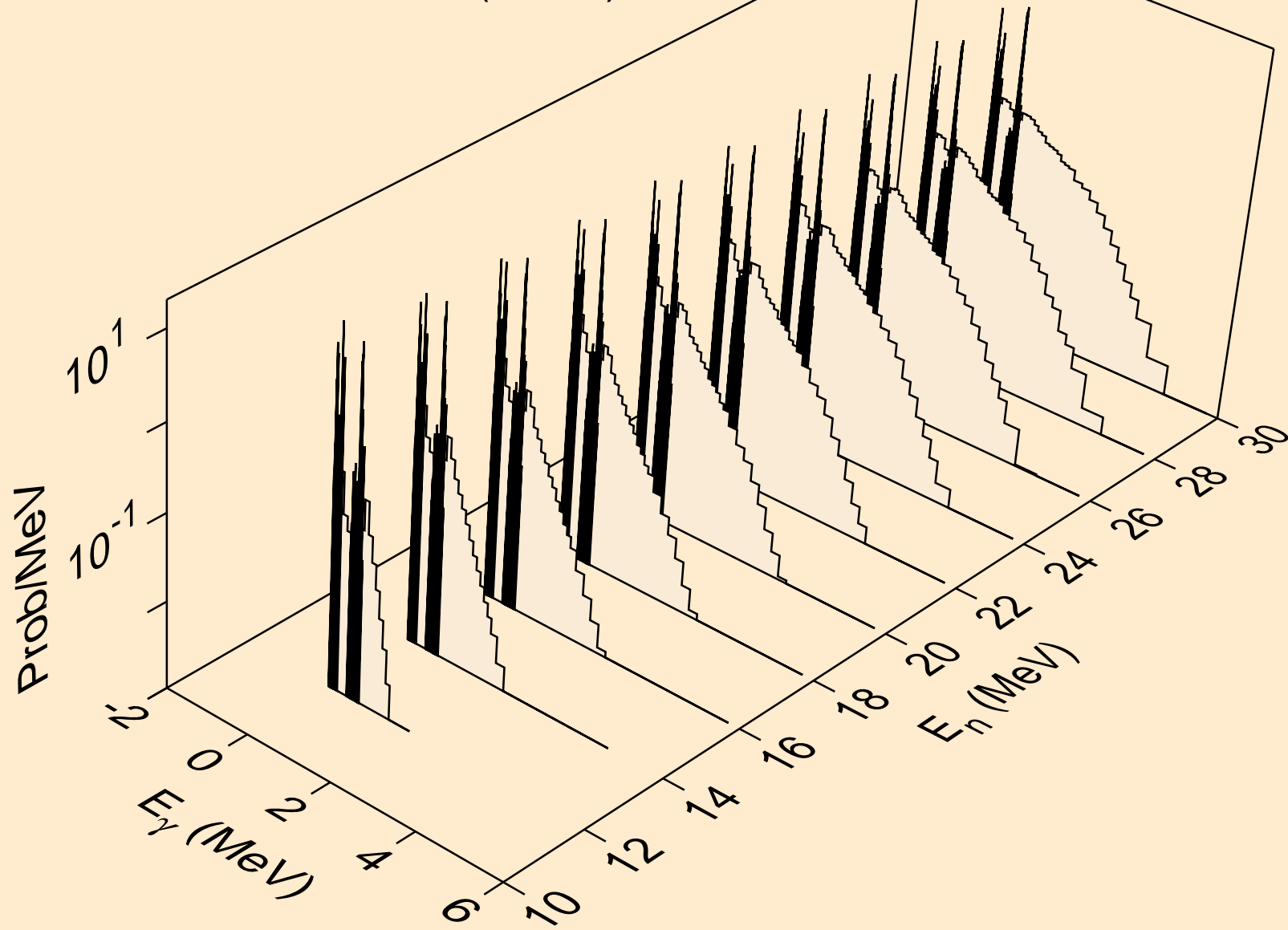
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Photon emission for (z,n)



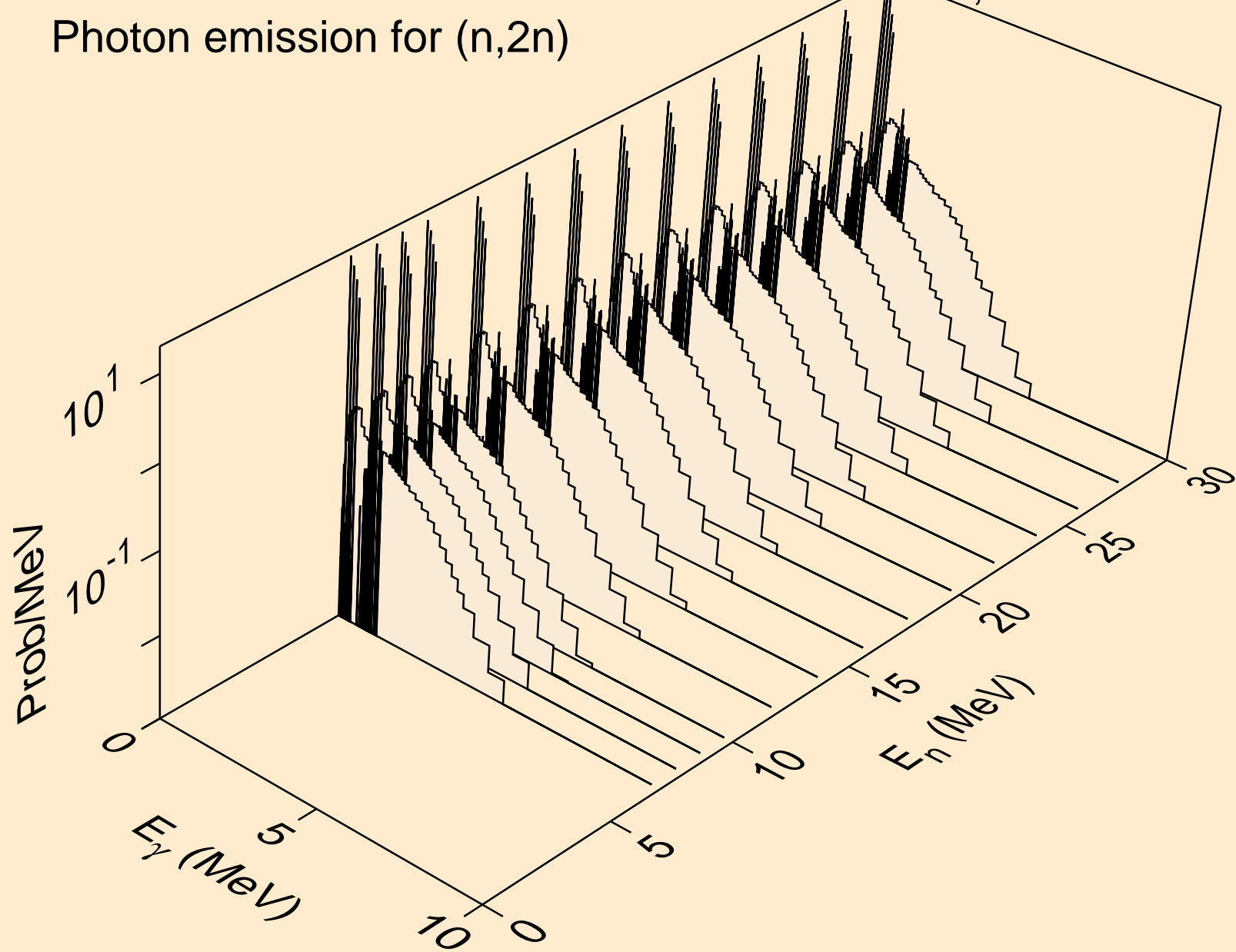
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Photon emission for (z,x)



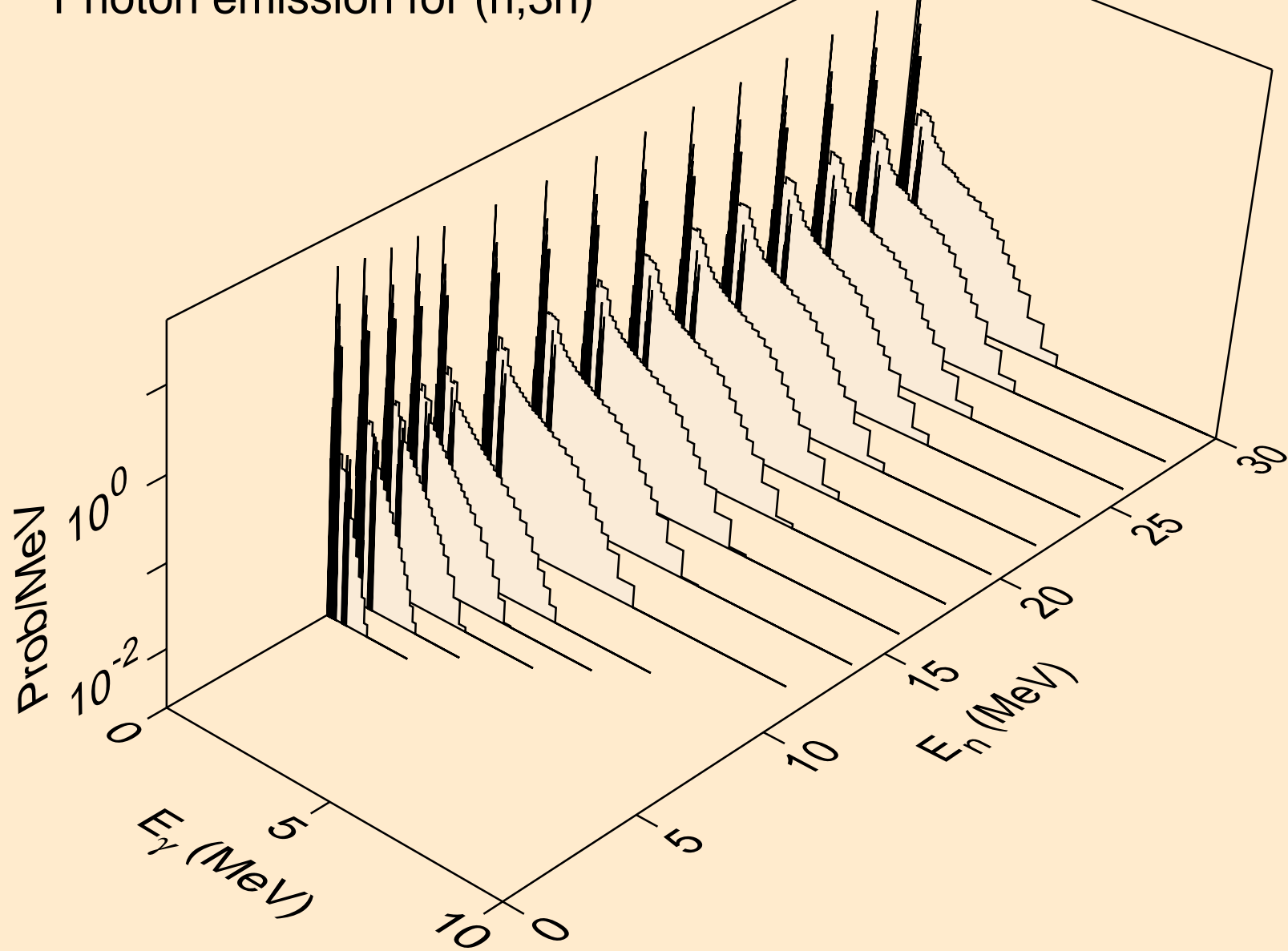
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Photon emission for (n,2nd)



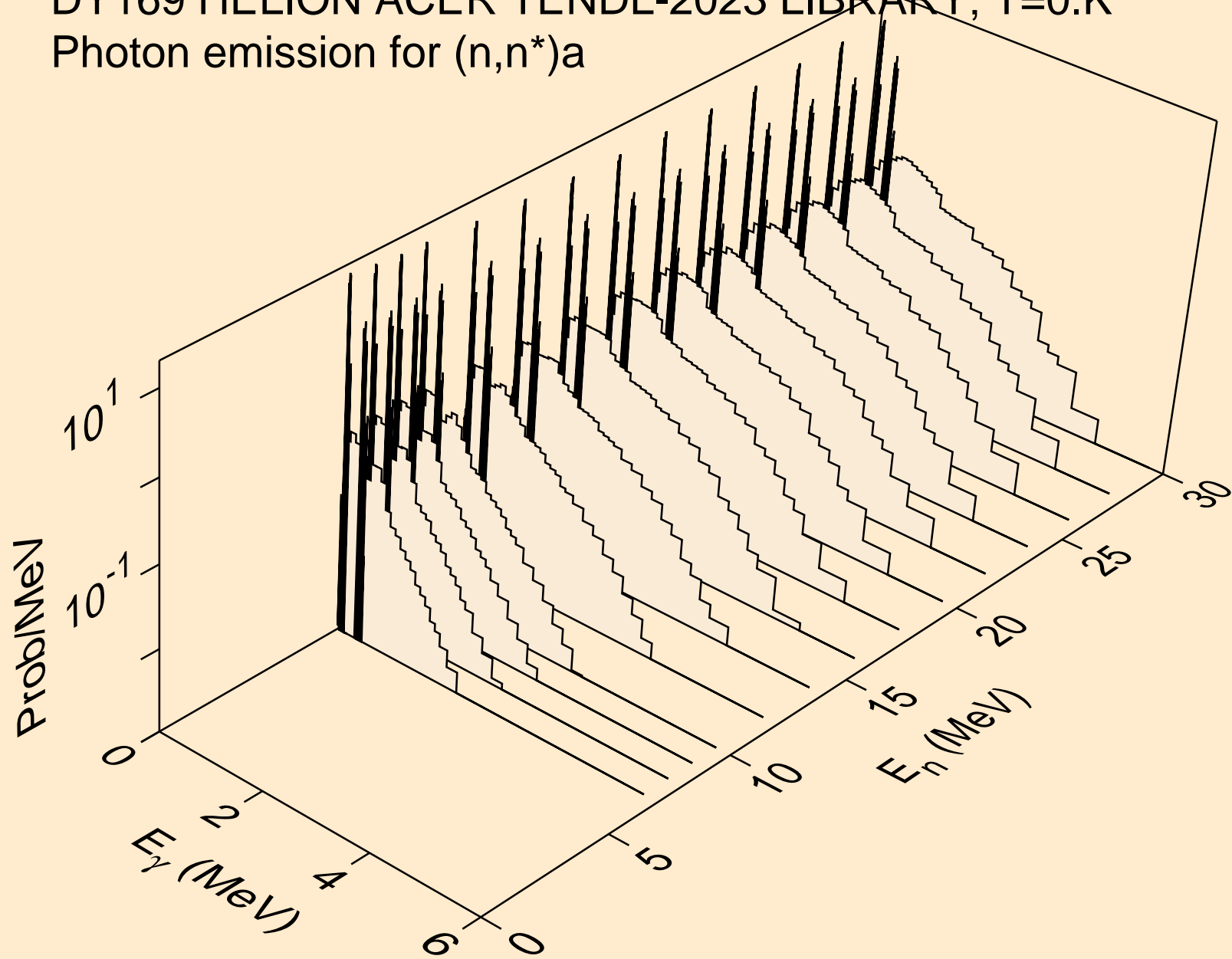
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Photon emission for (n,2n)



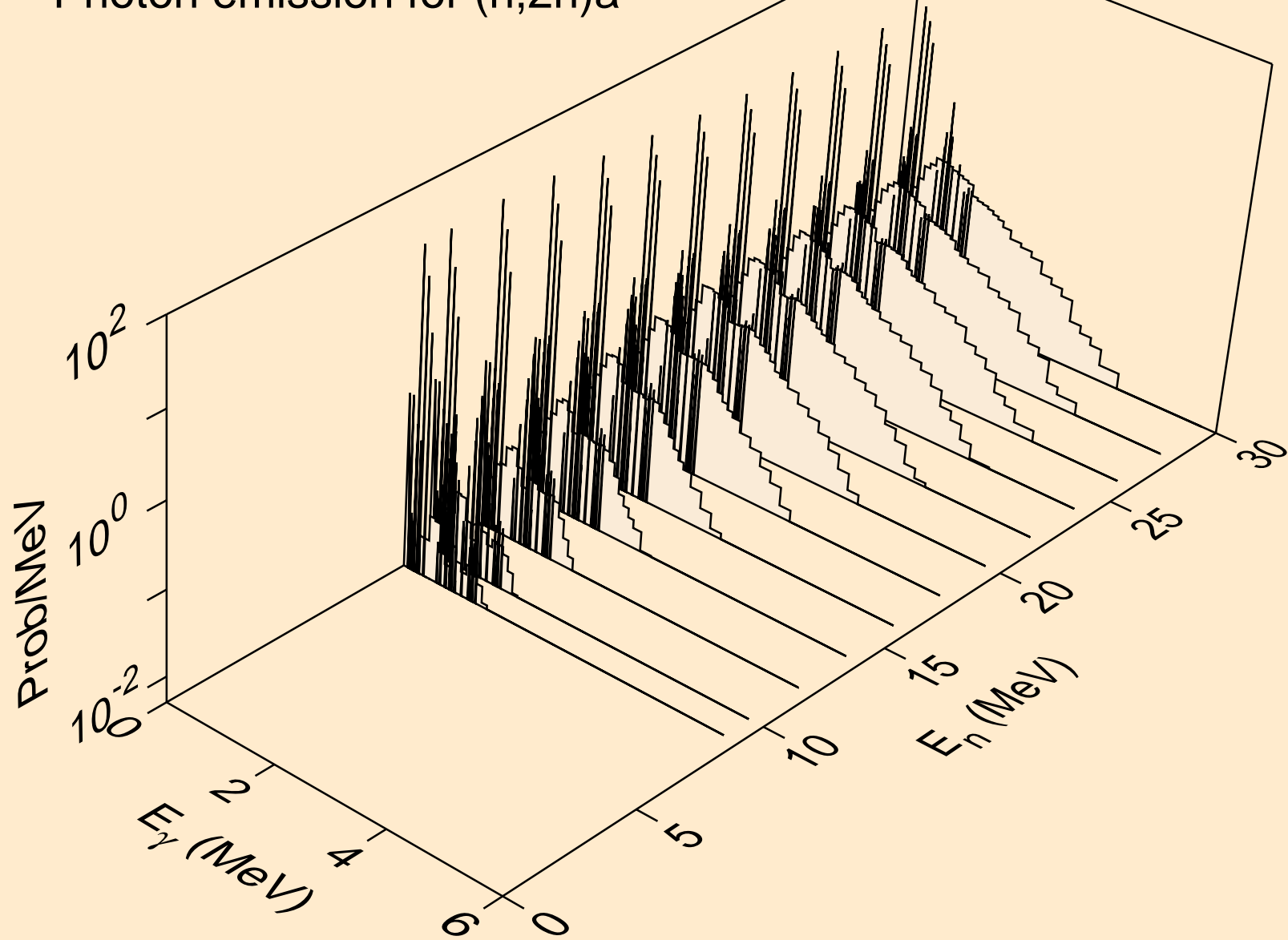
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Photon emission for (n,3n)



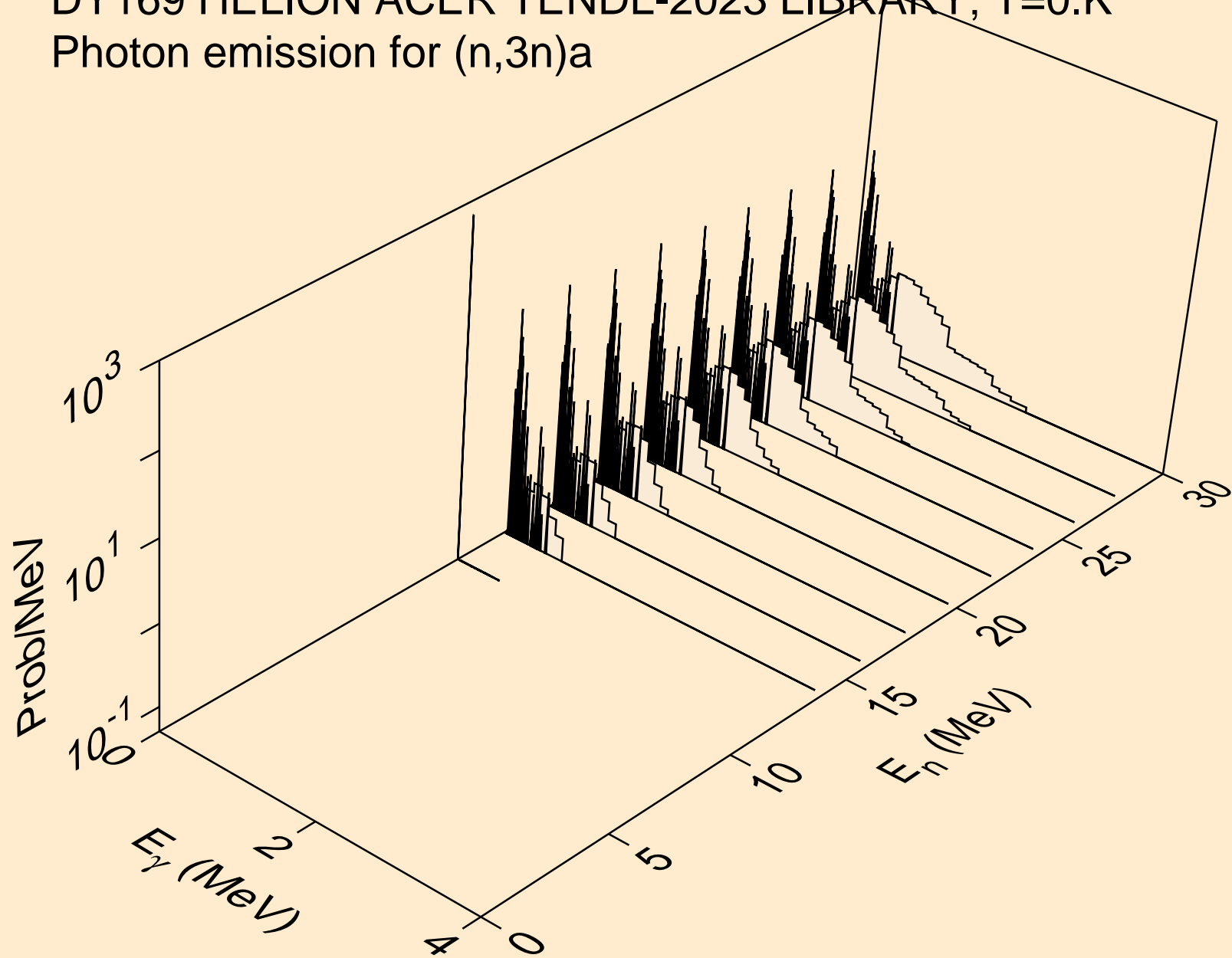
DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

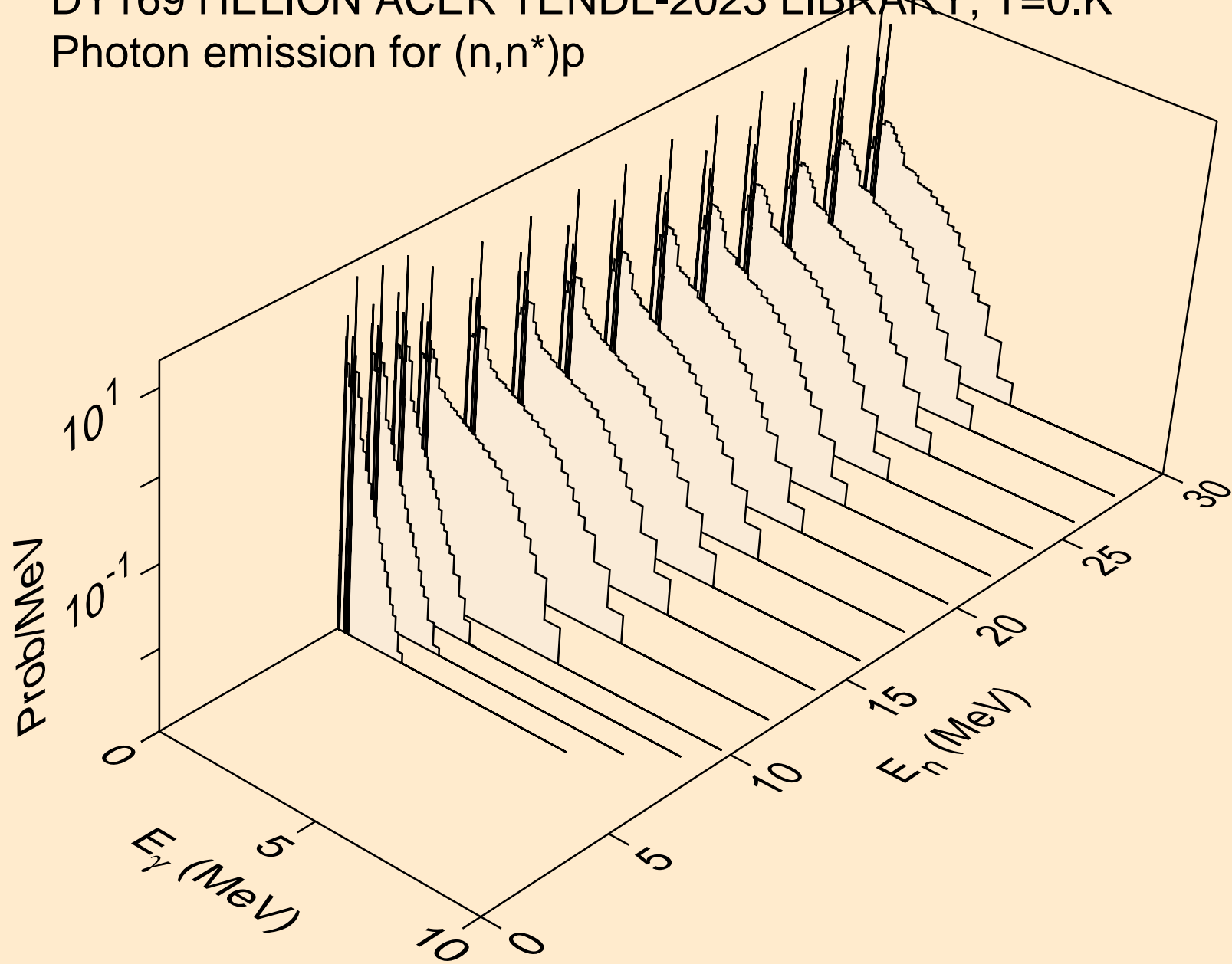


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Photon emission for (n,3n)a

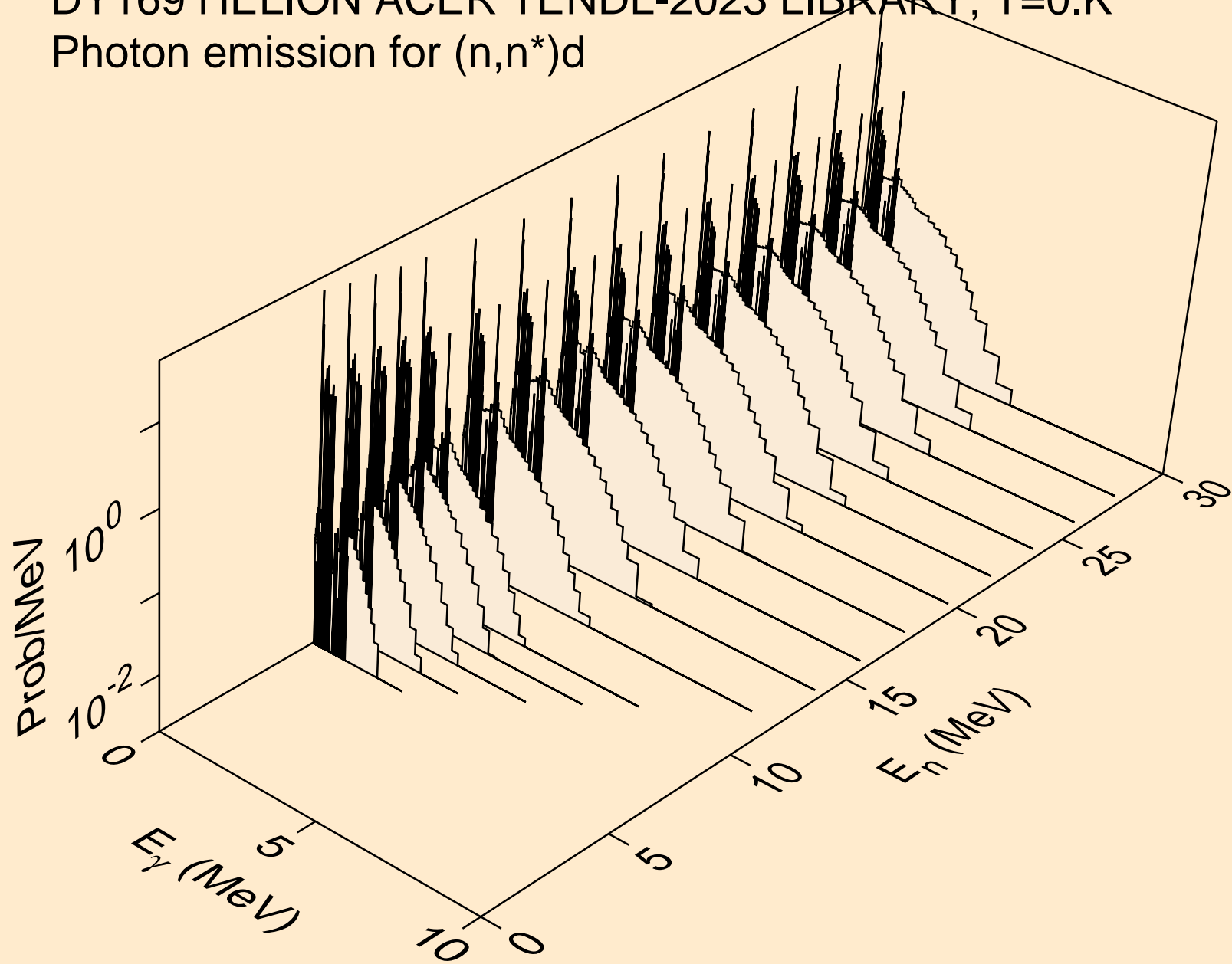




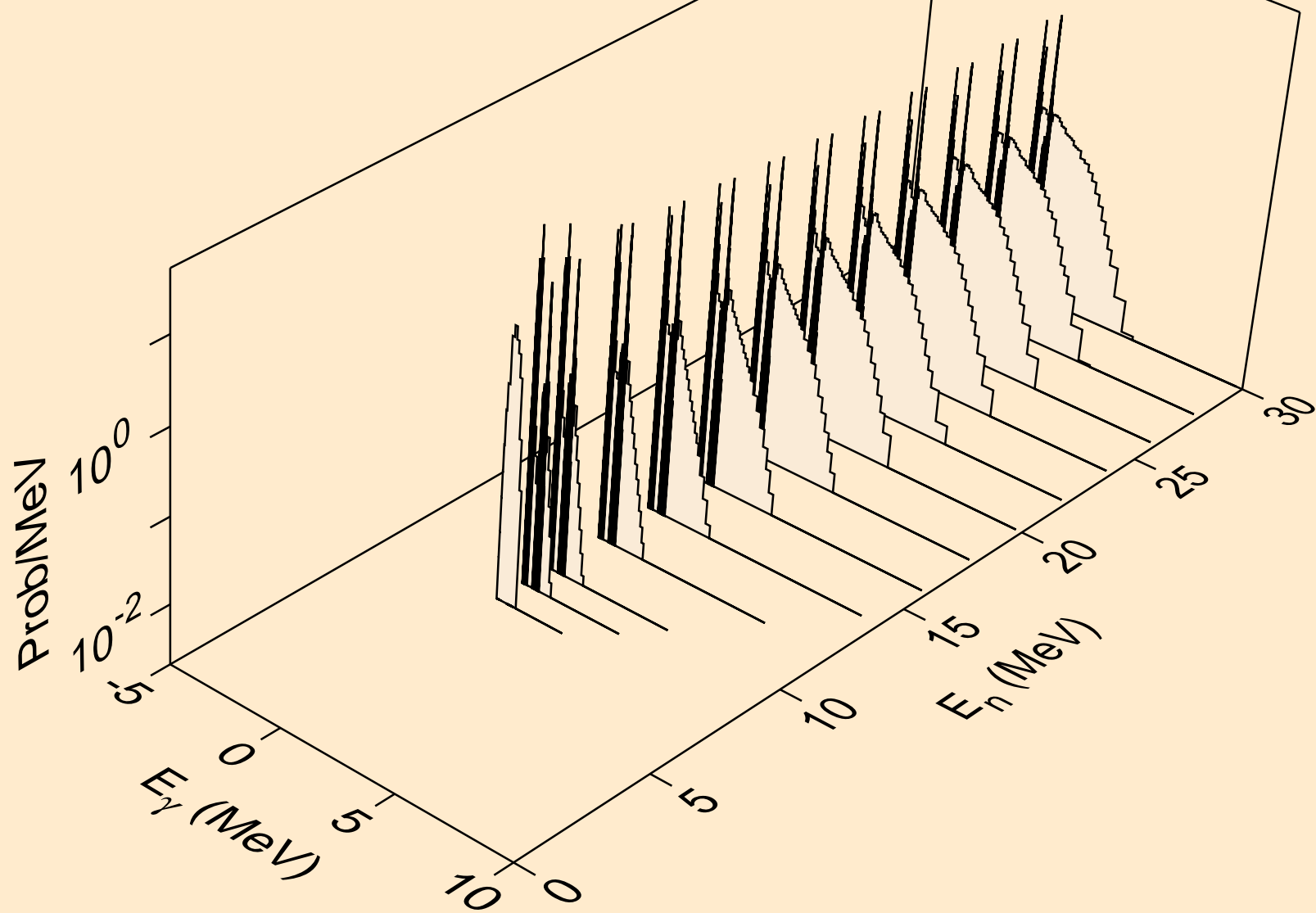
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Photon emission for (n,n\*)p



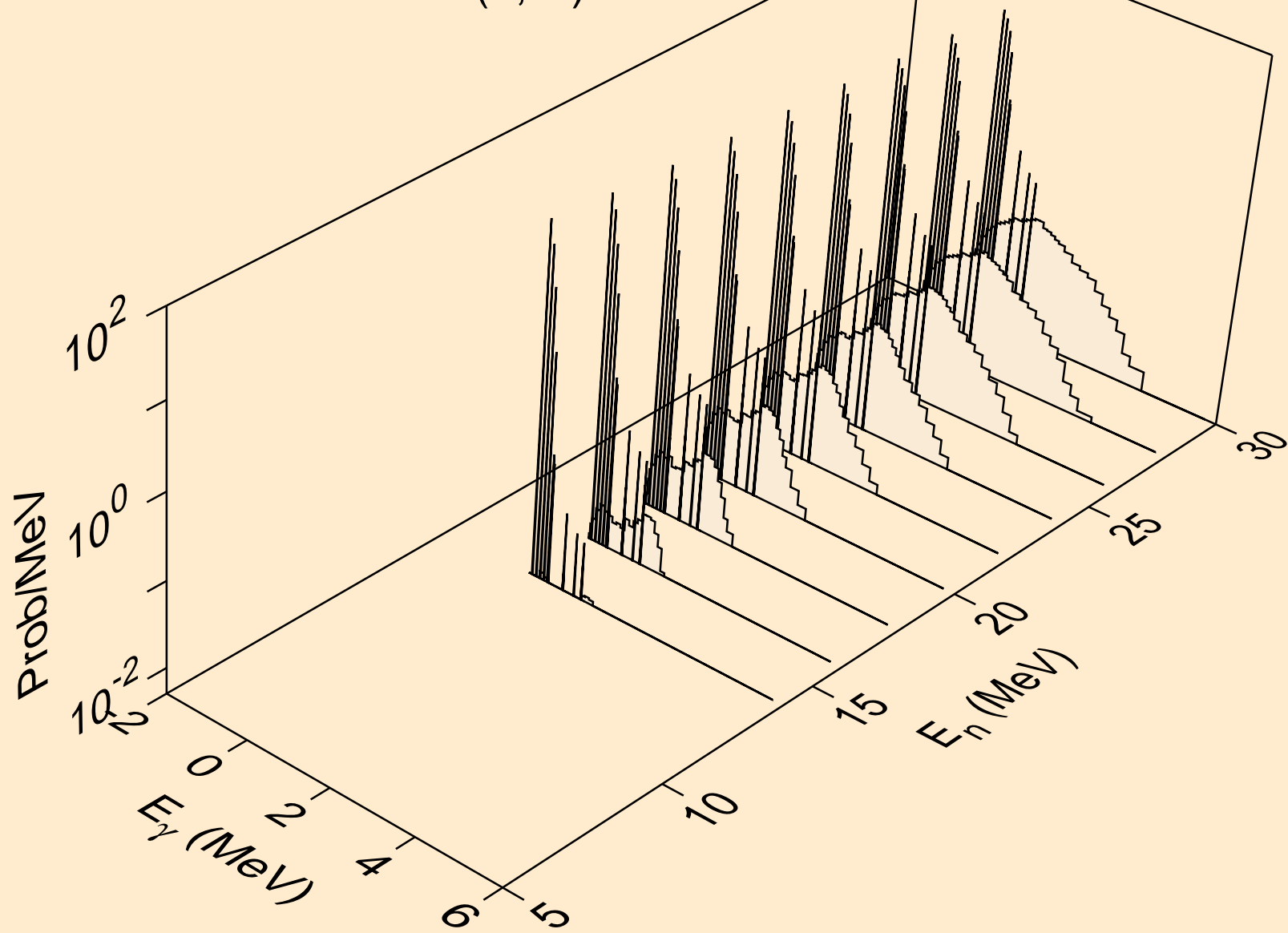
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Photon emission for (n,n\*)d



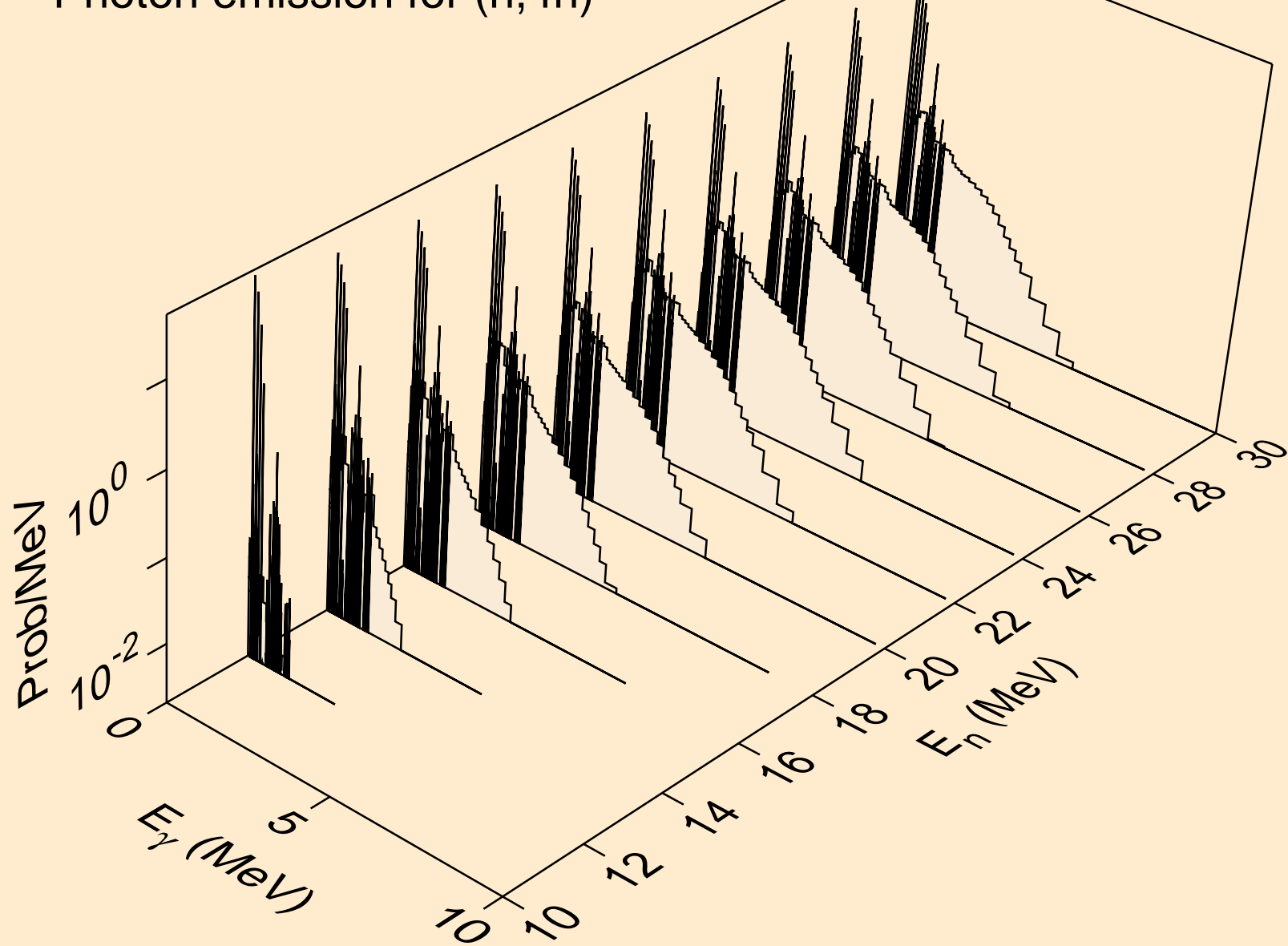
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Photon emission for (n,n\*)t



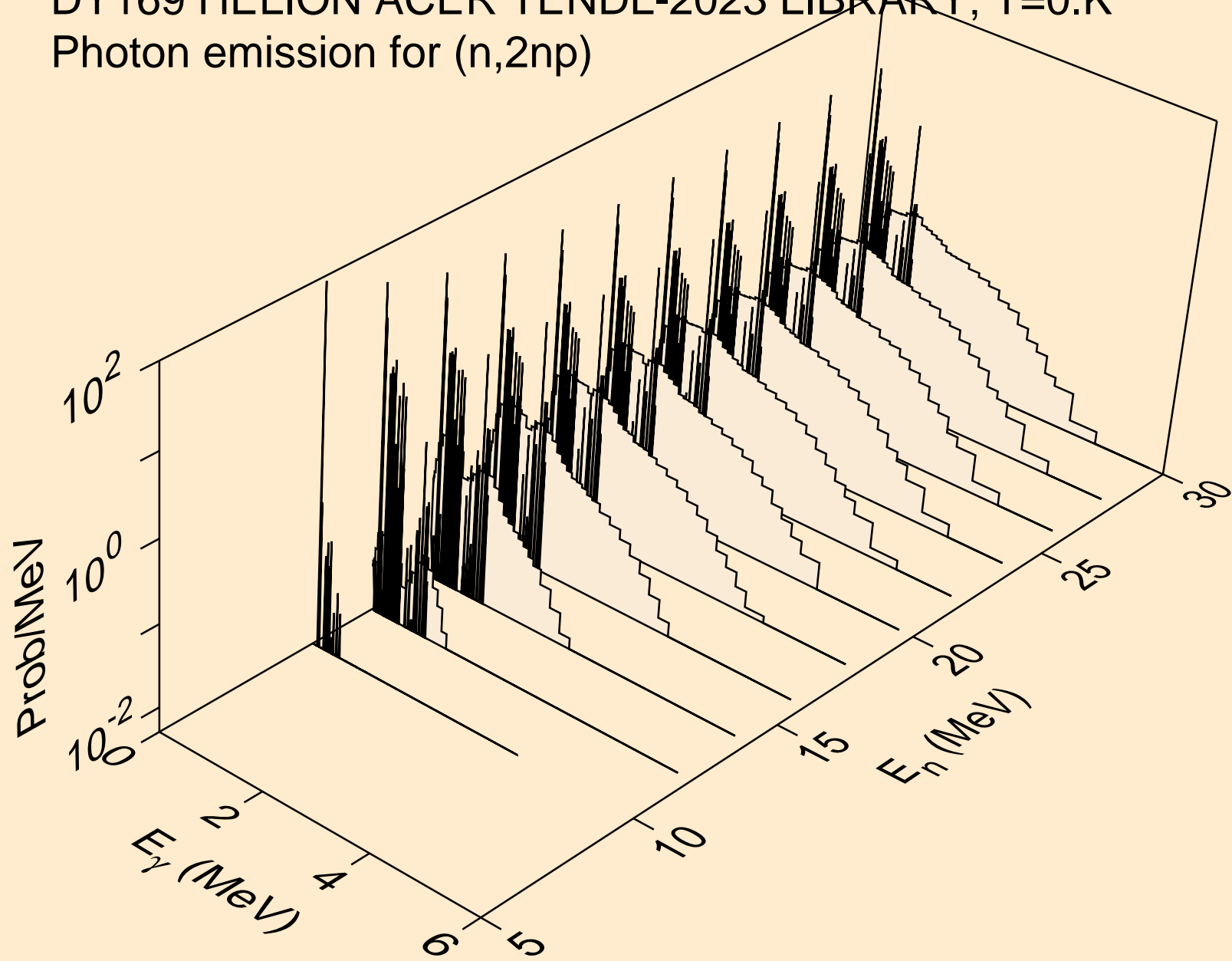
DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



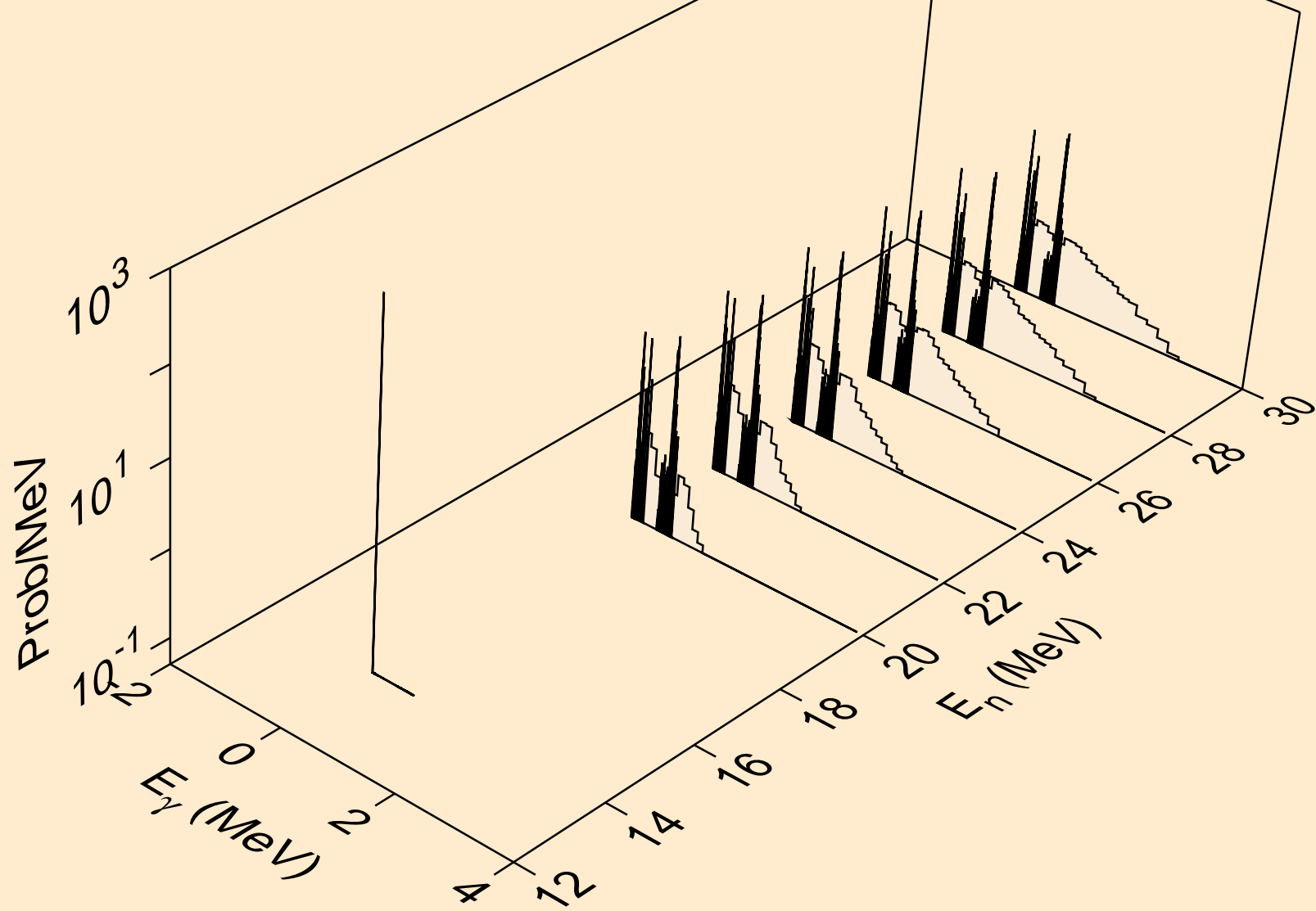
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Photon emission for (n,4n)



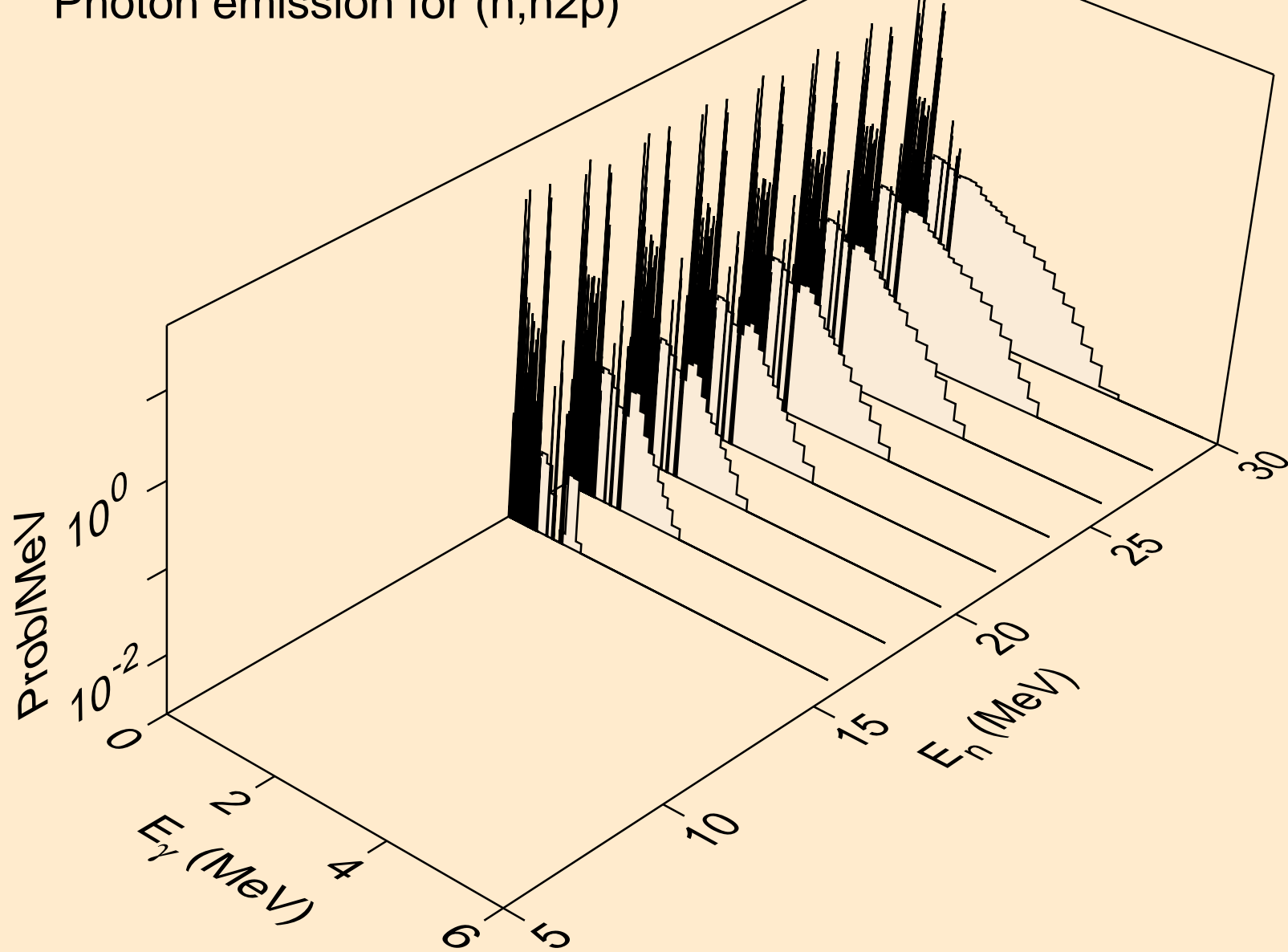
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Photon emission for (n,2np)



DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

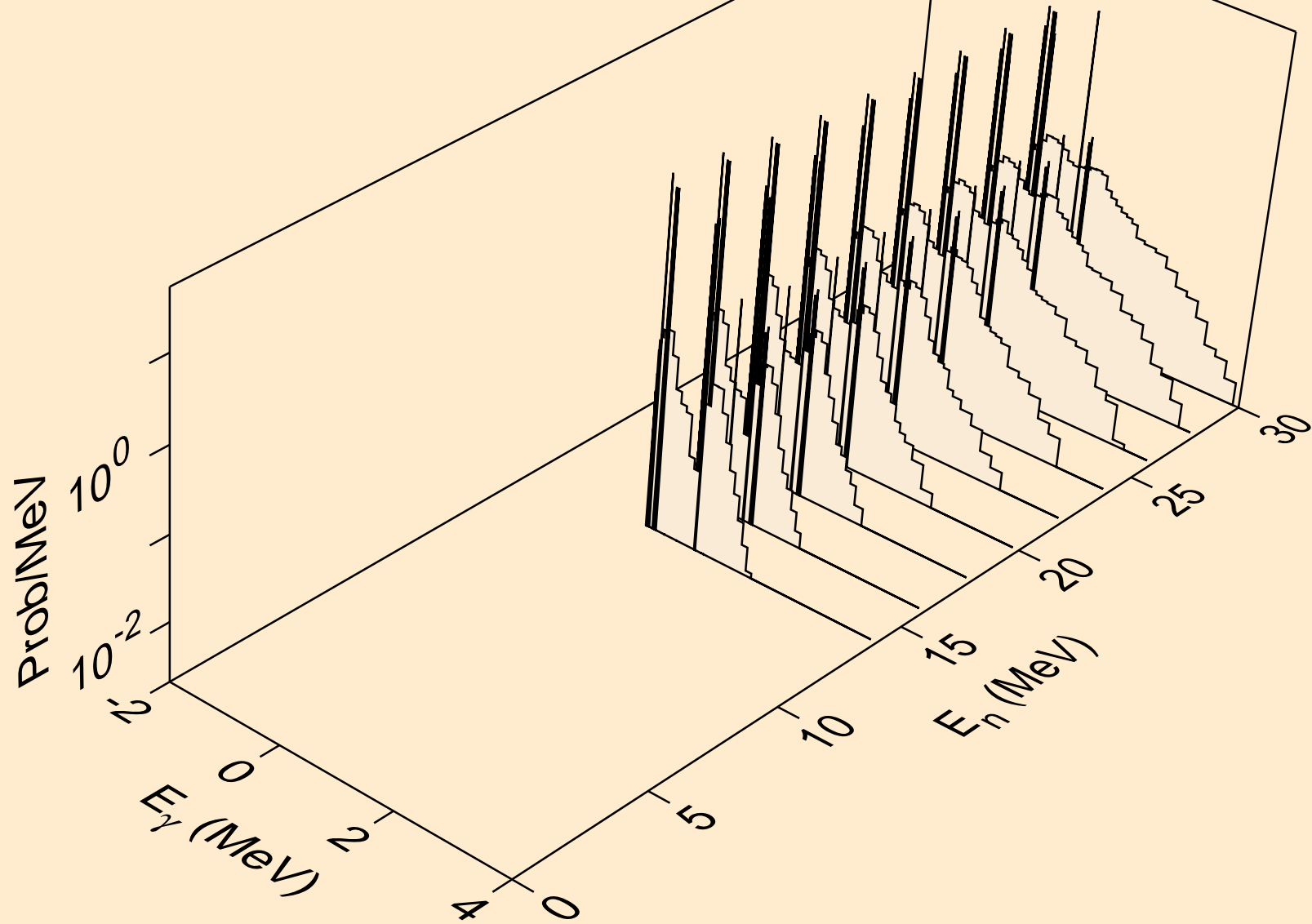


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Photon emission for (n,n2p)

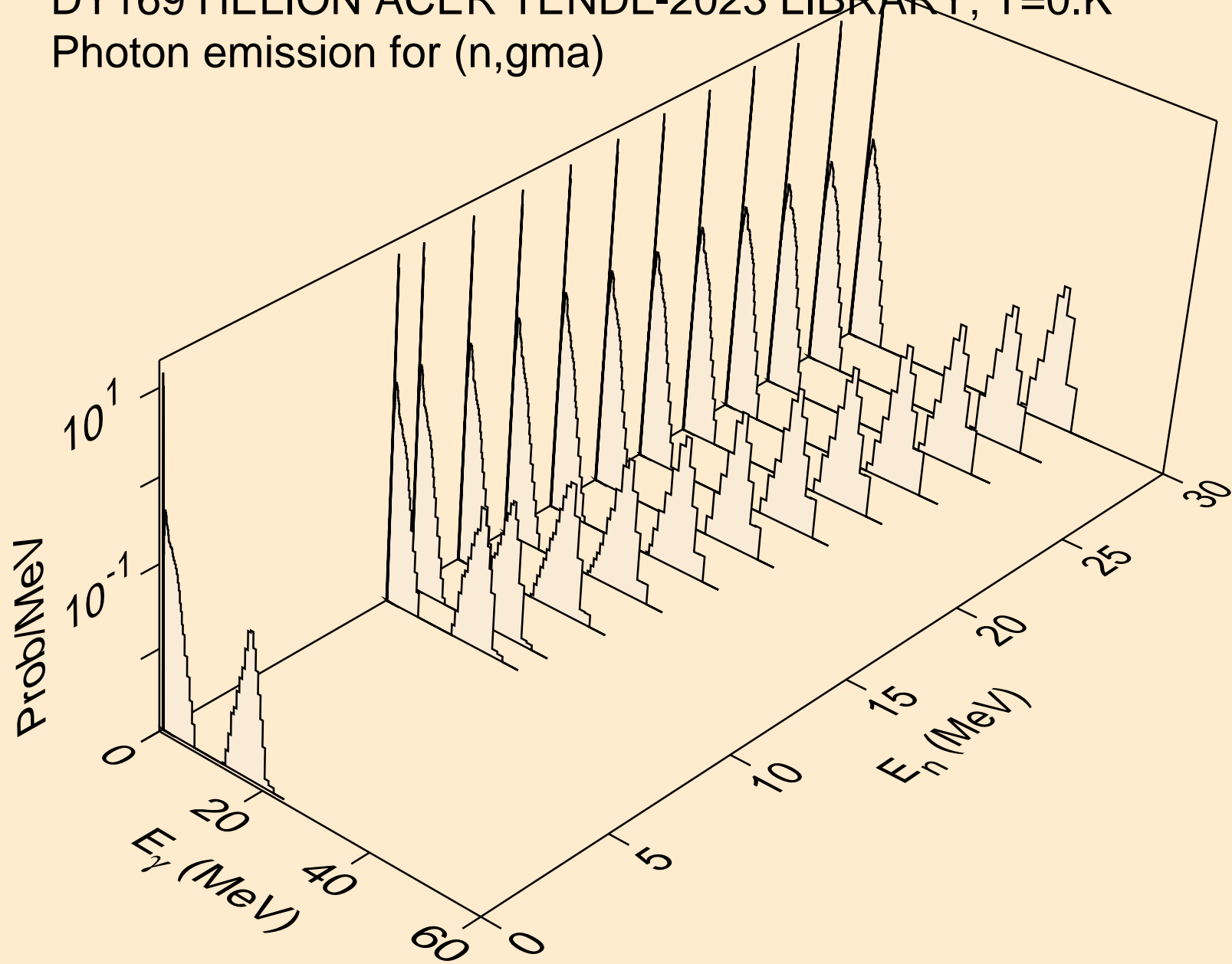




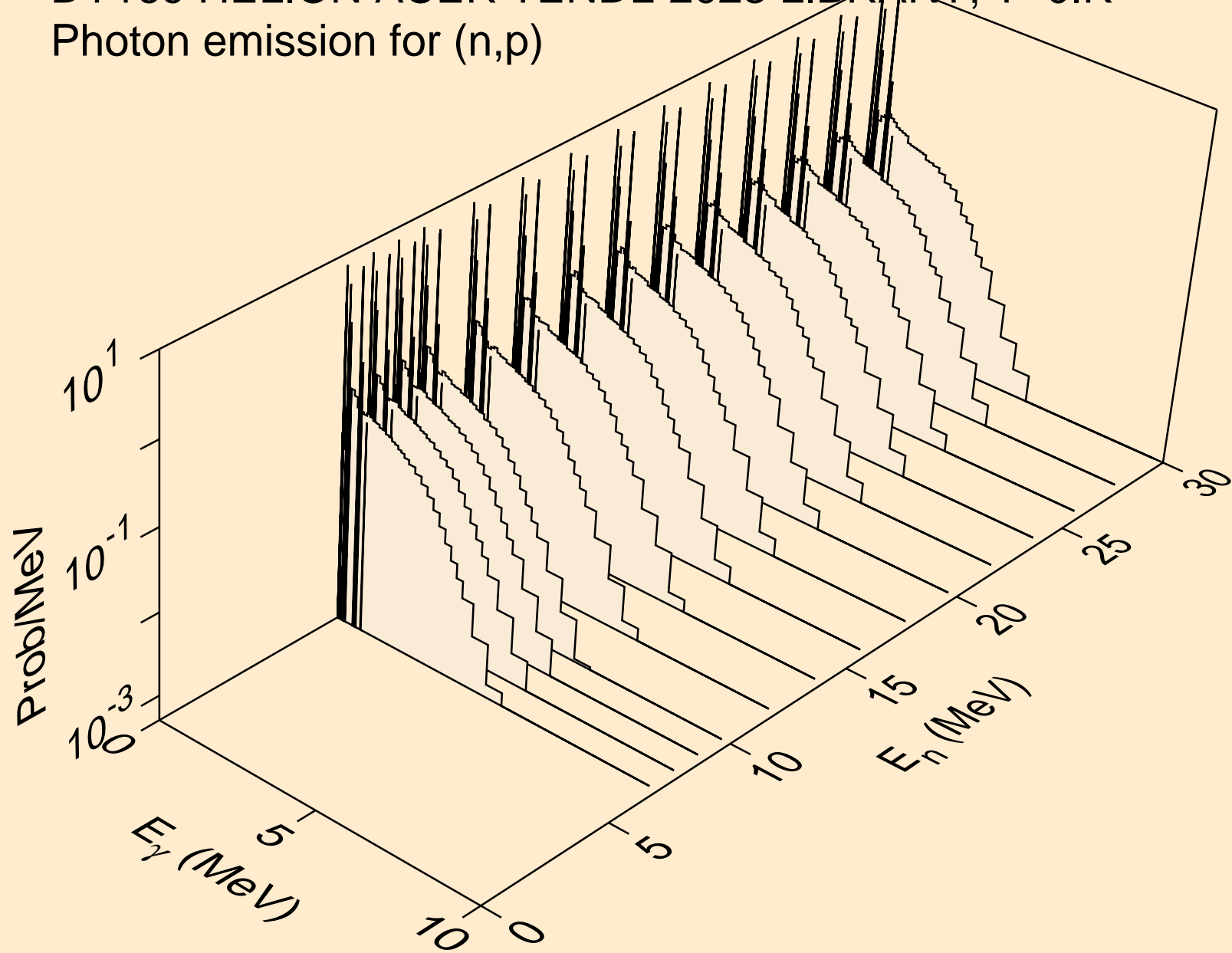
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Photon emission for (n,npa)



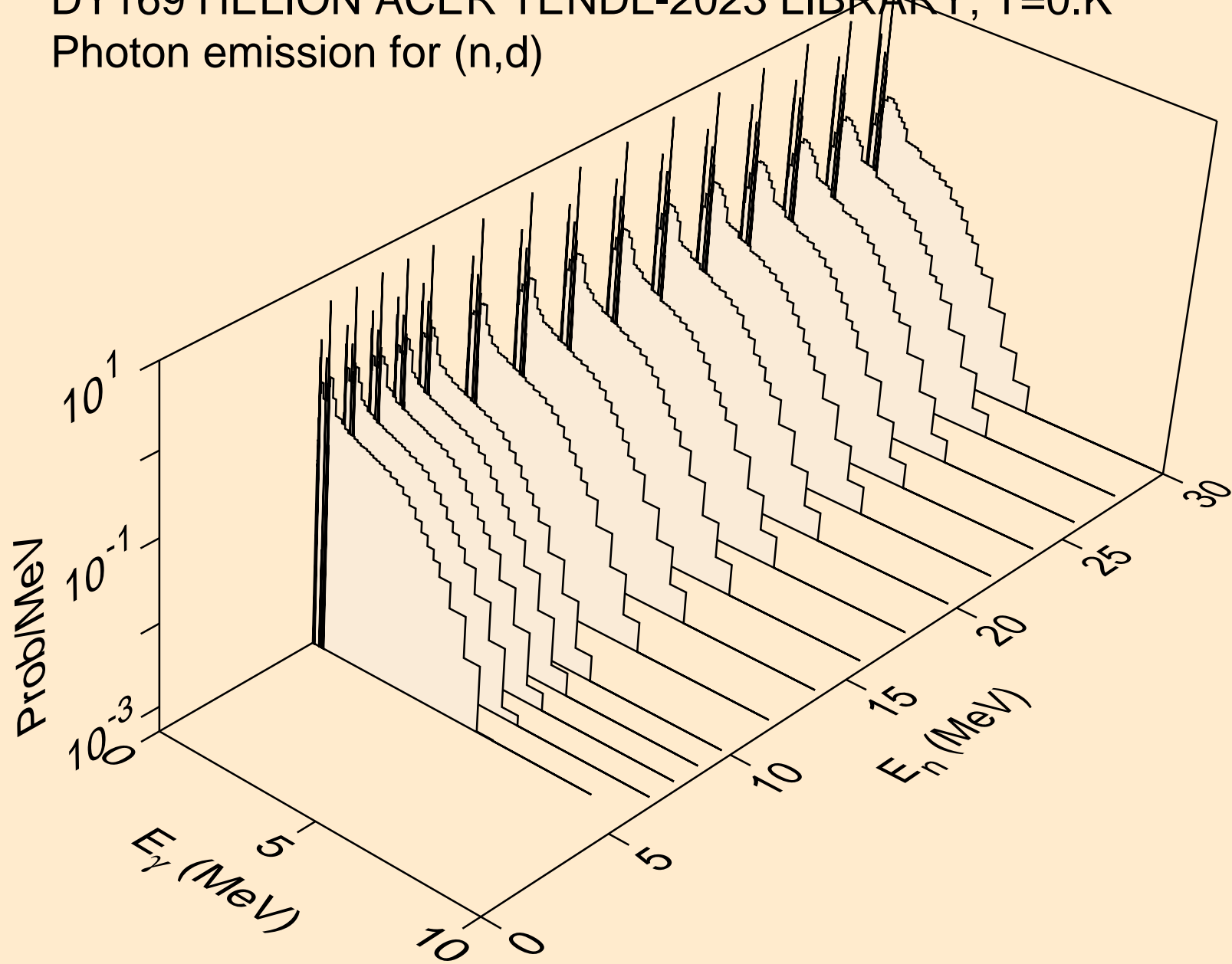
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Photon emission for (n,gma)



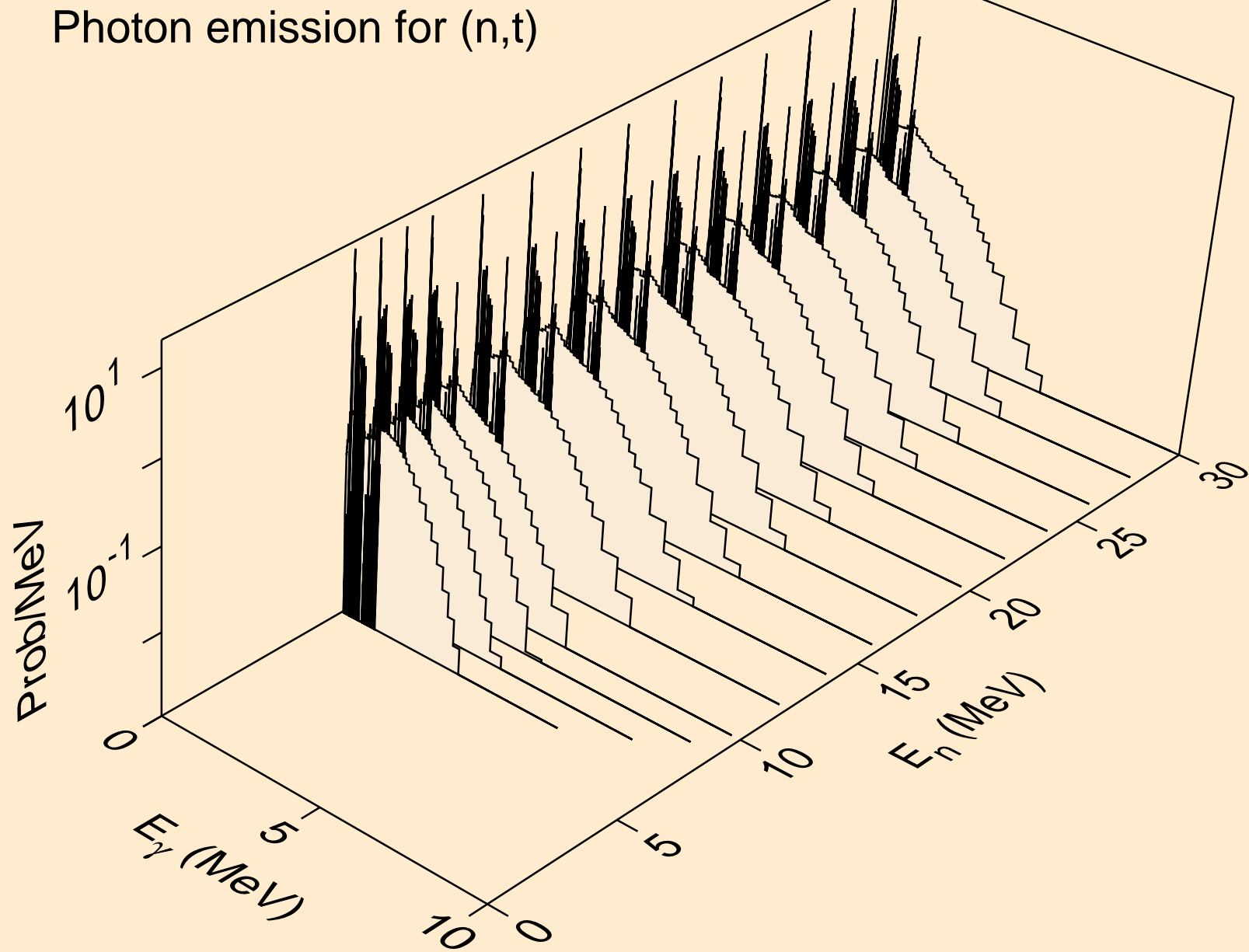
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Photon emission for (n,p)



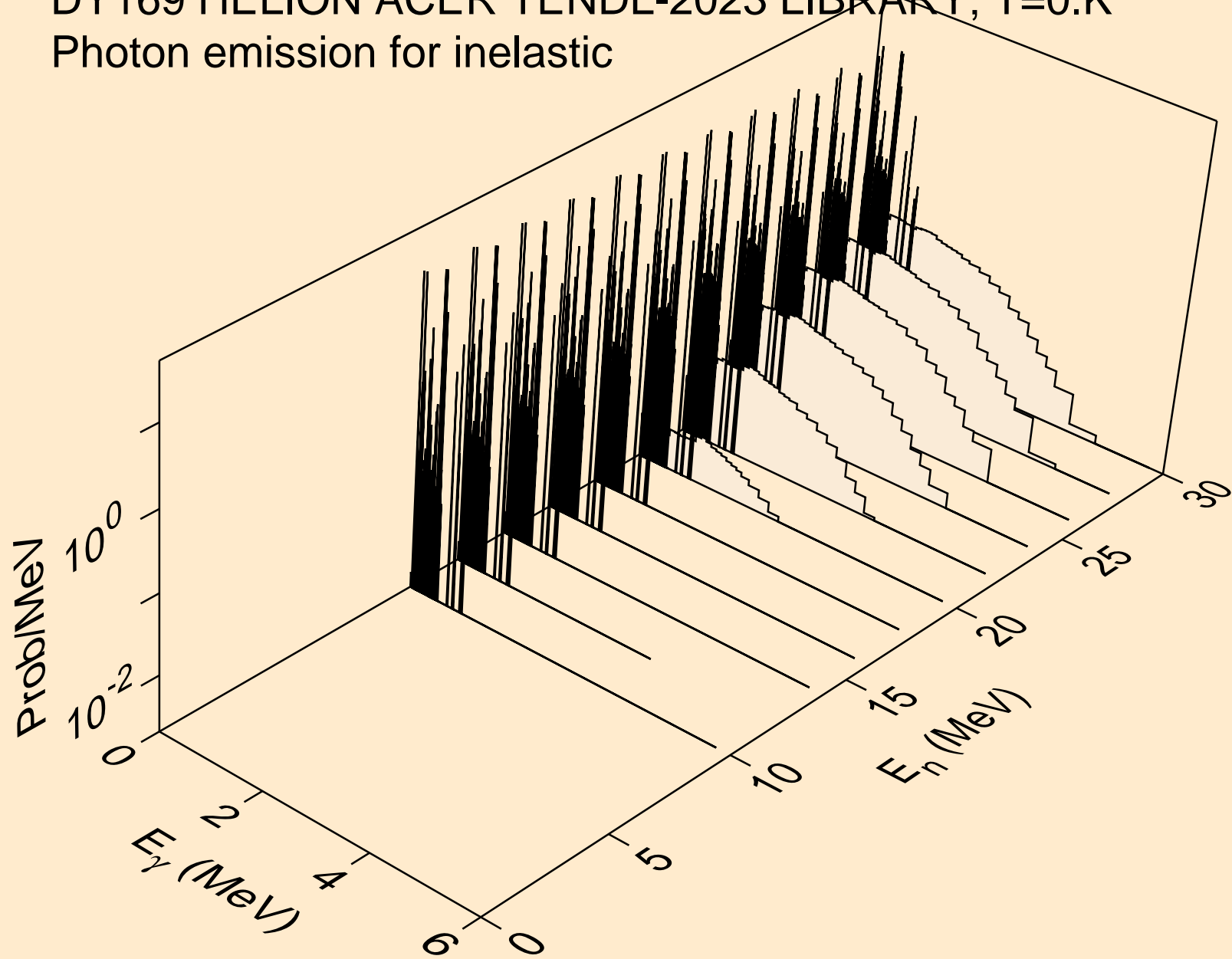
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Photon emission for (n,d)



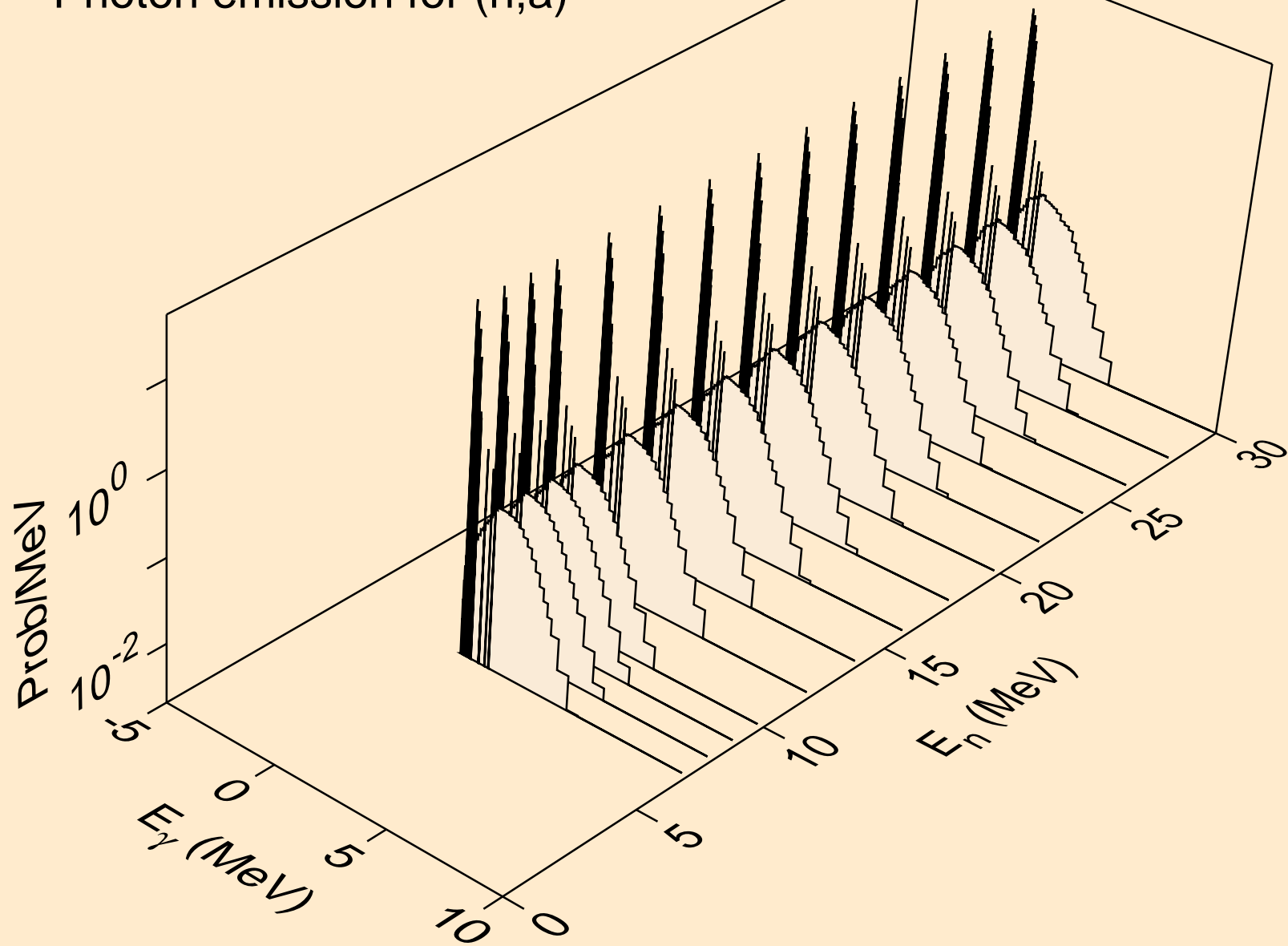
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Photon emission for (n,t)



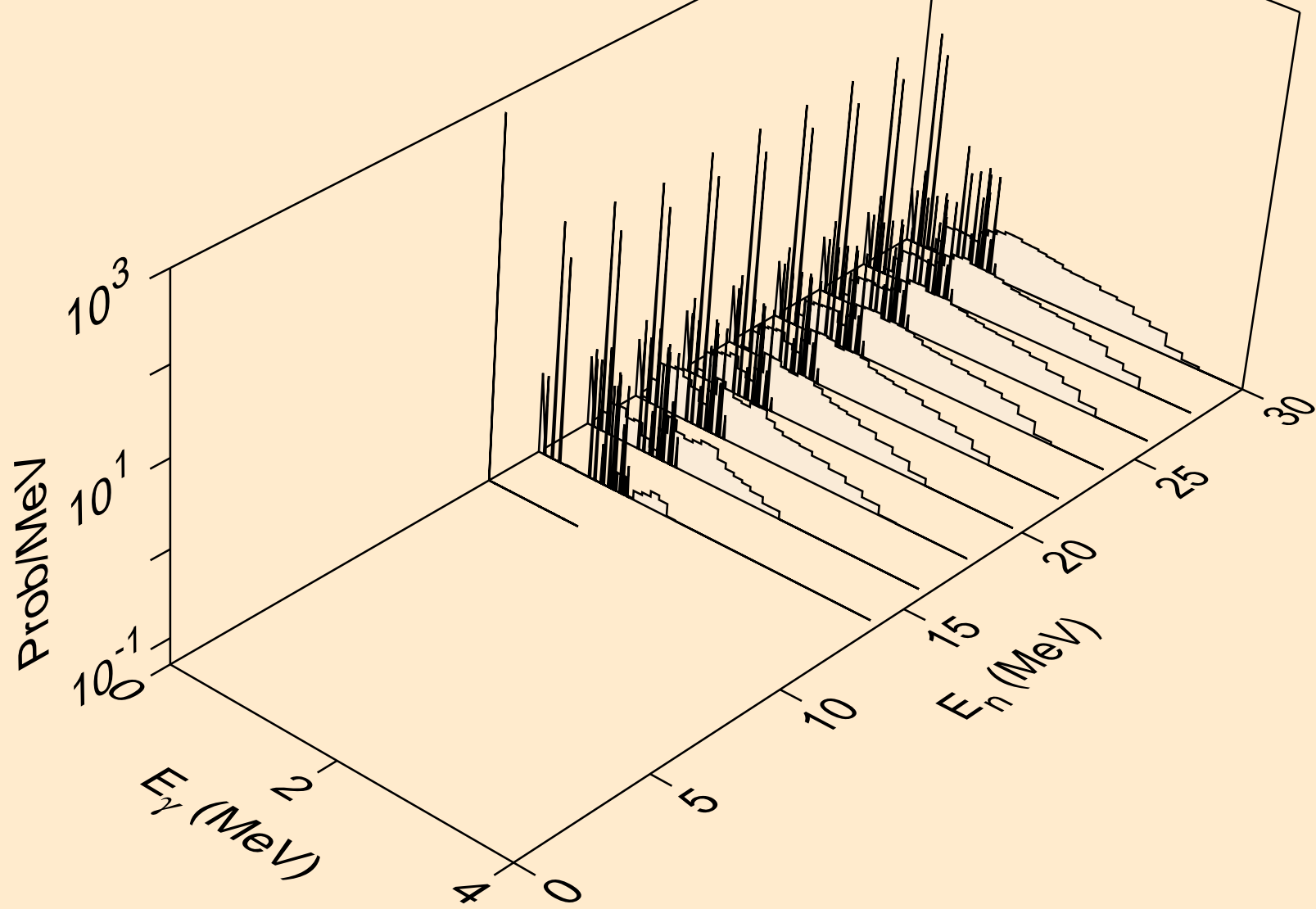
DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

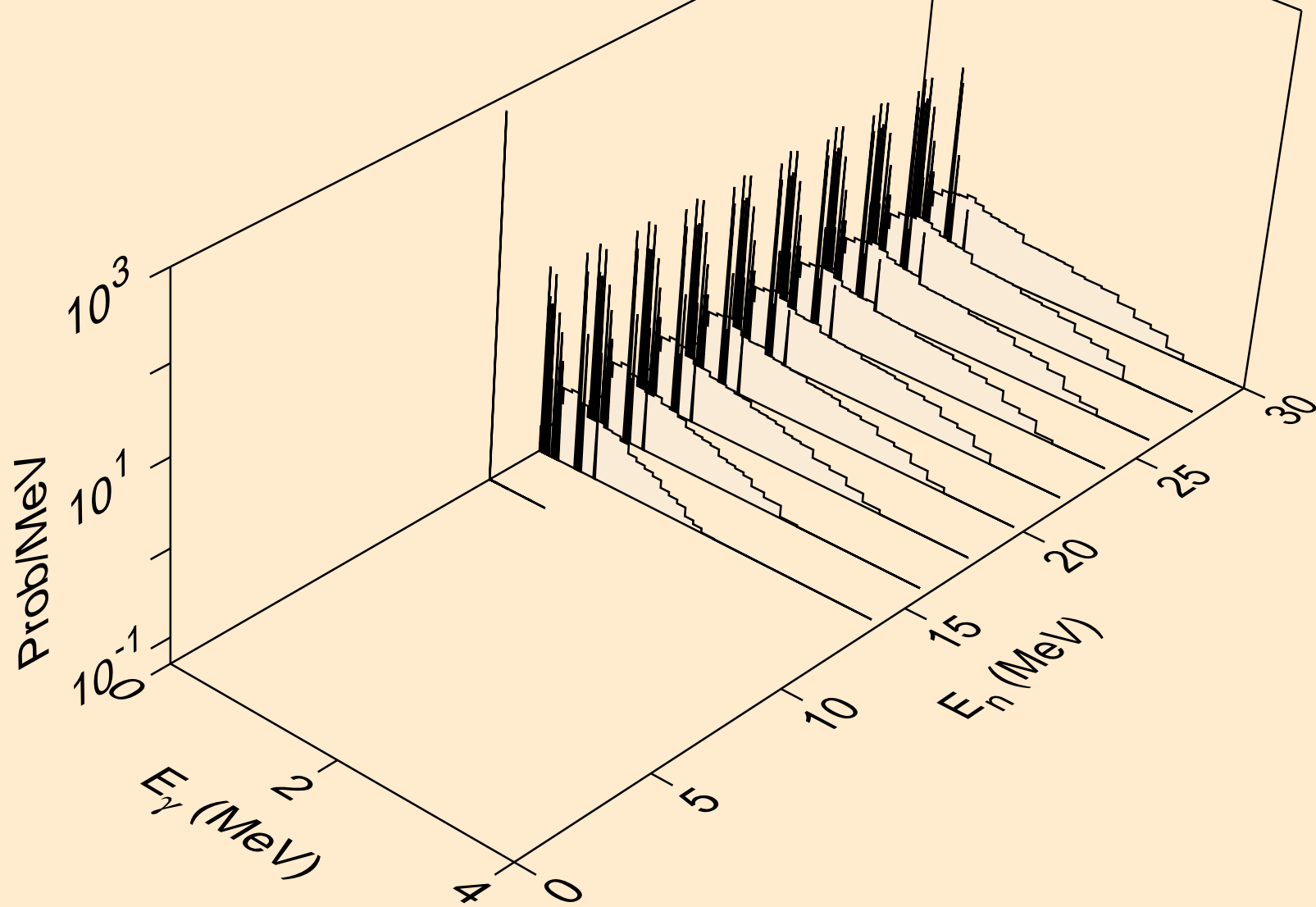


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Photon emission for (n,2p)

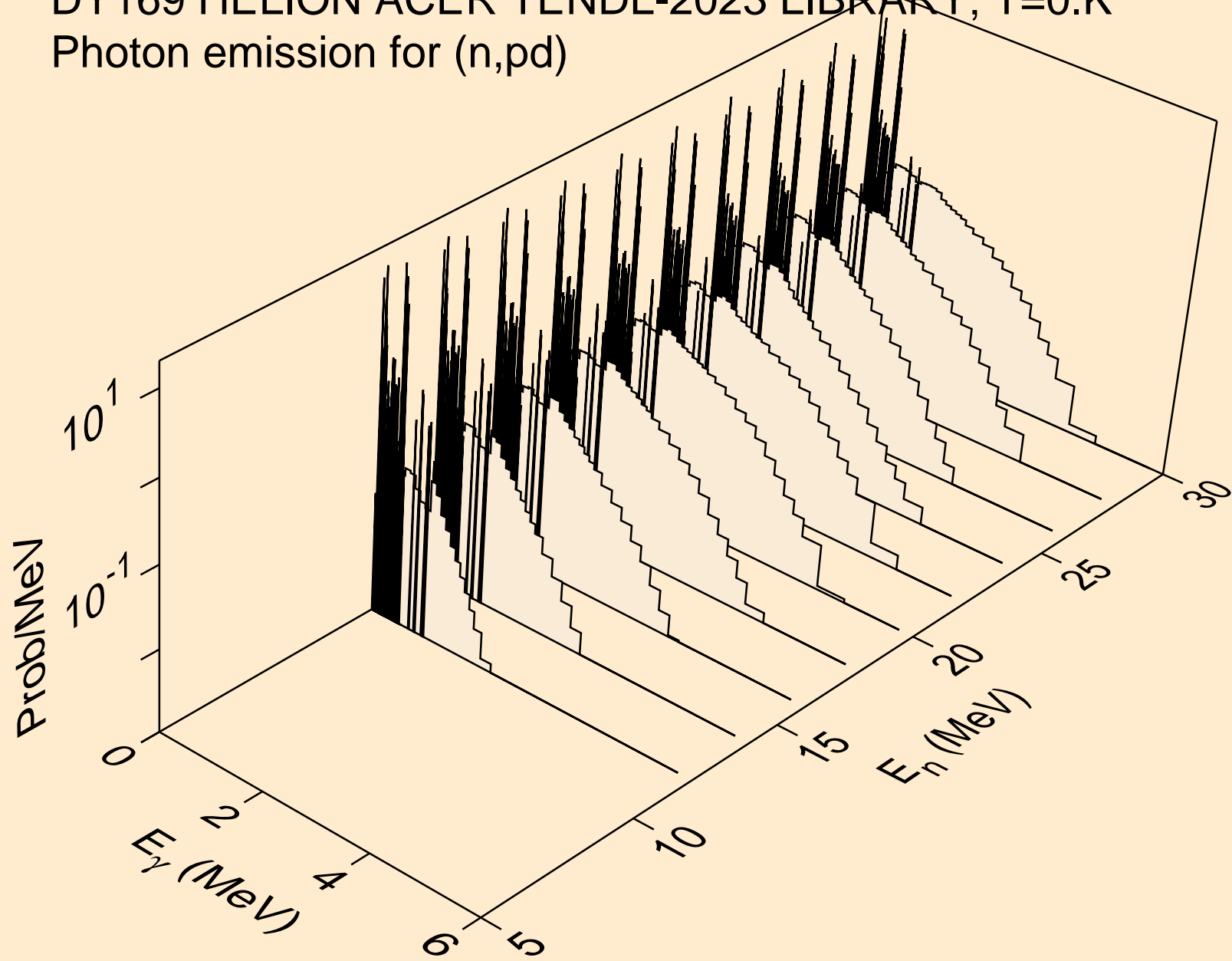




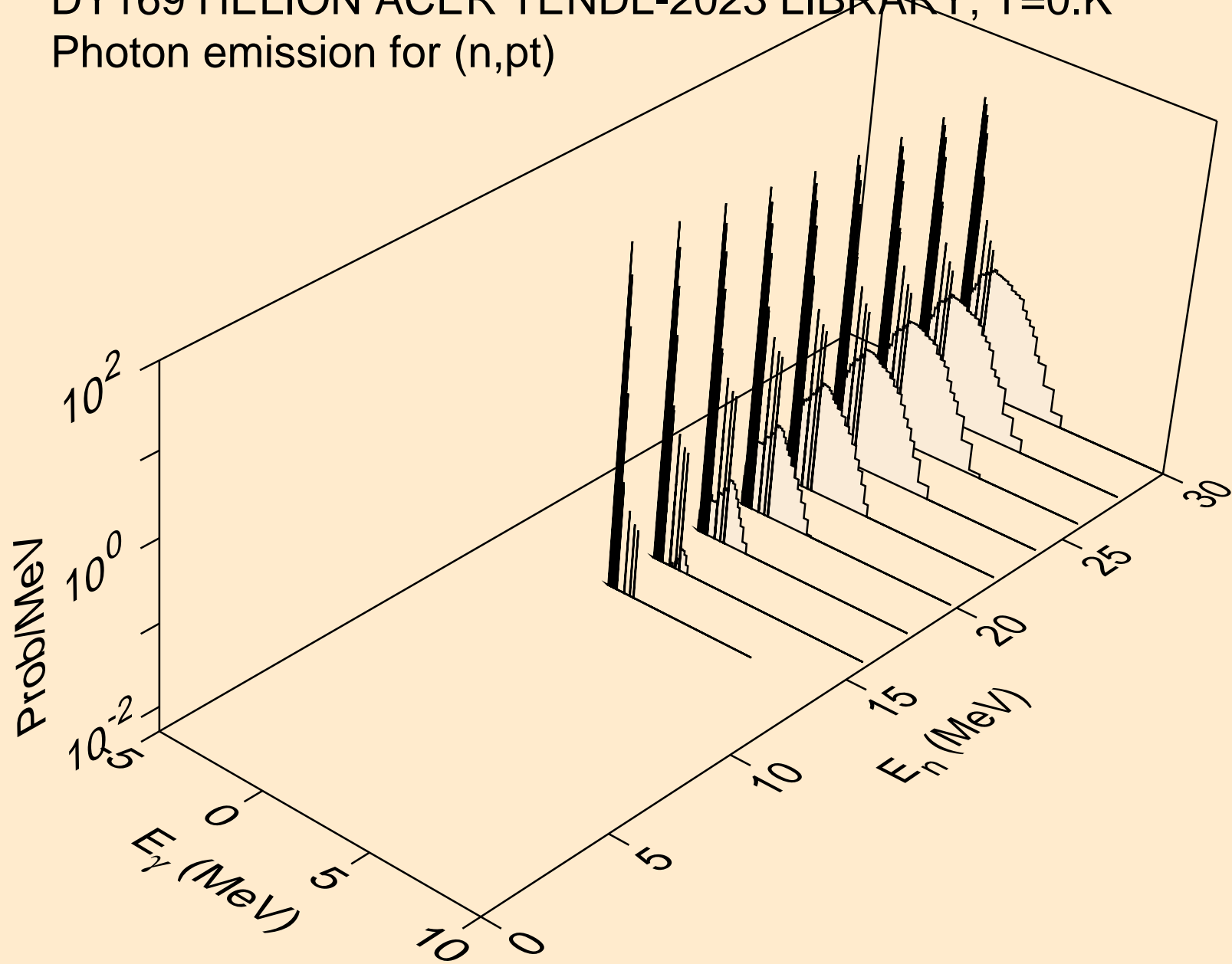
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Photon emission for (n,pa)



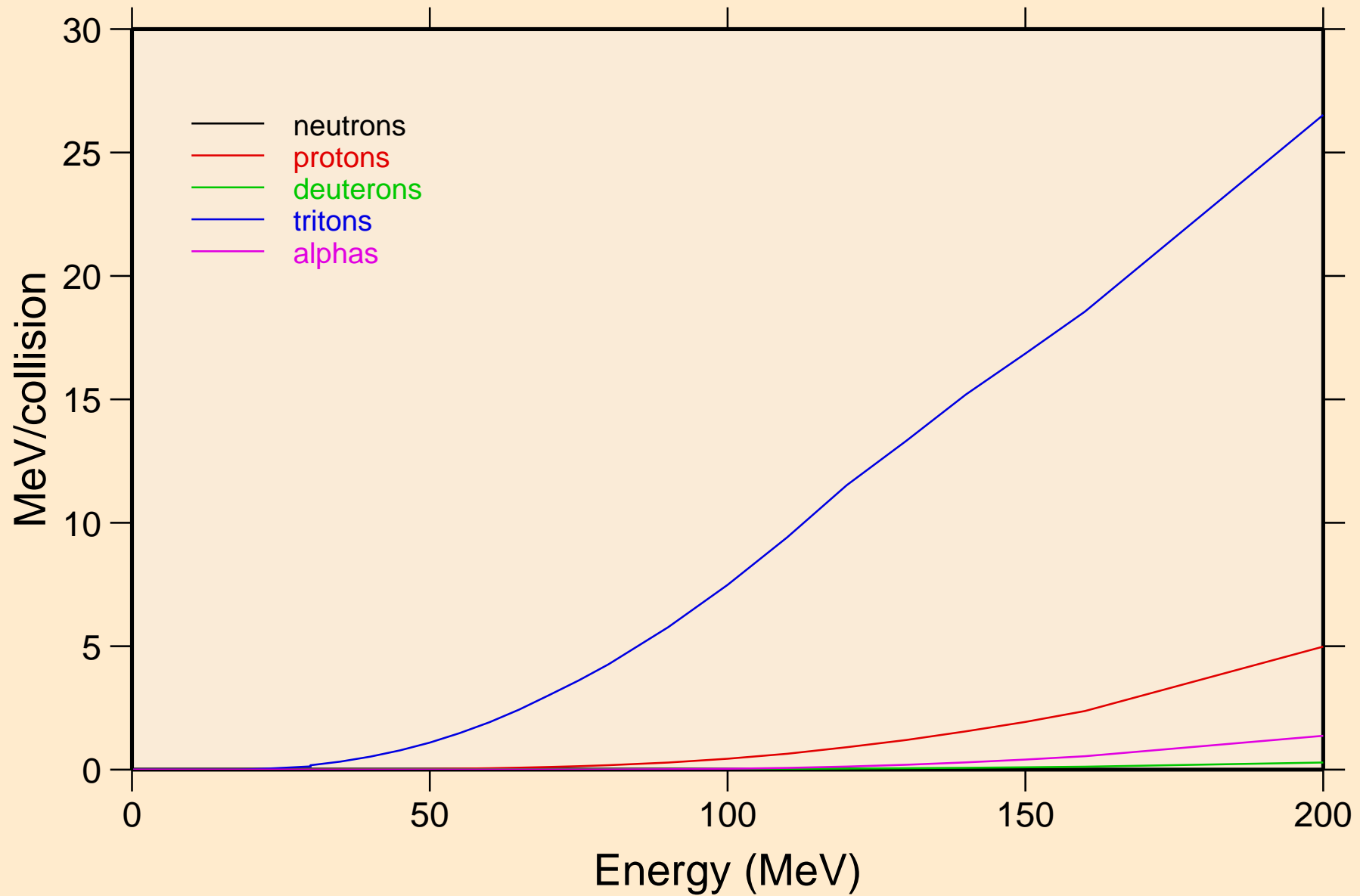
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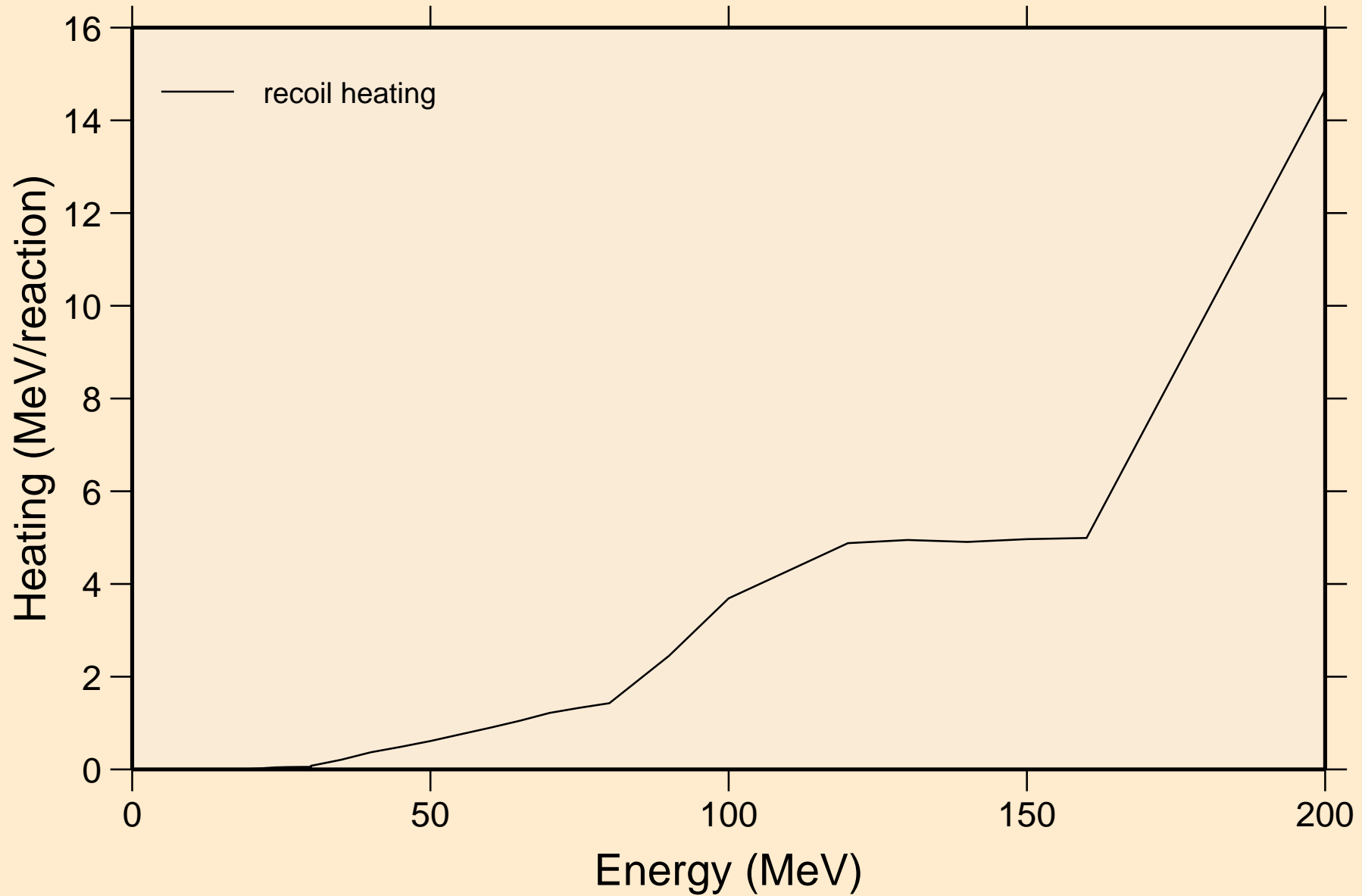
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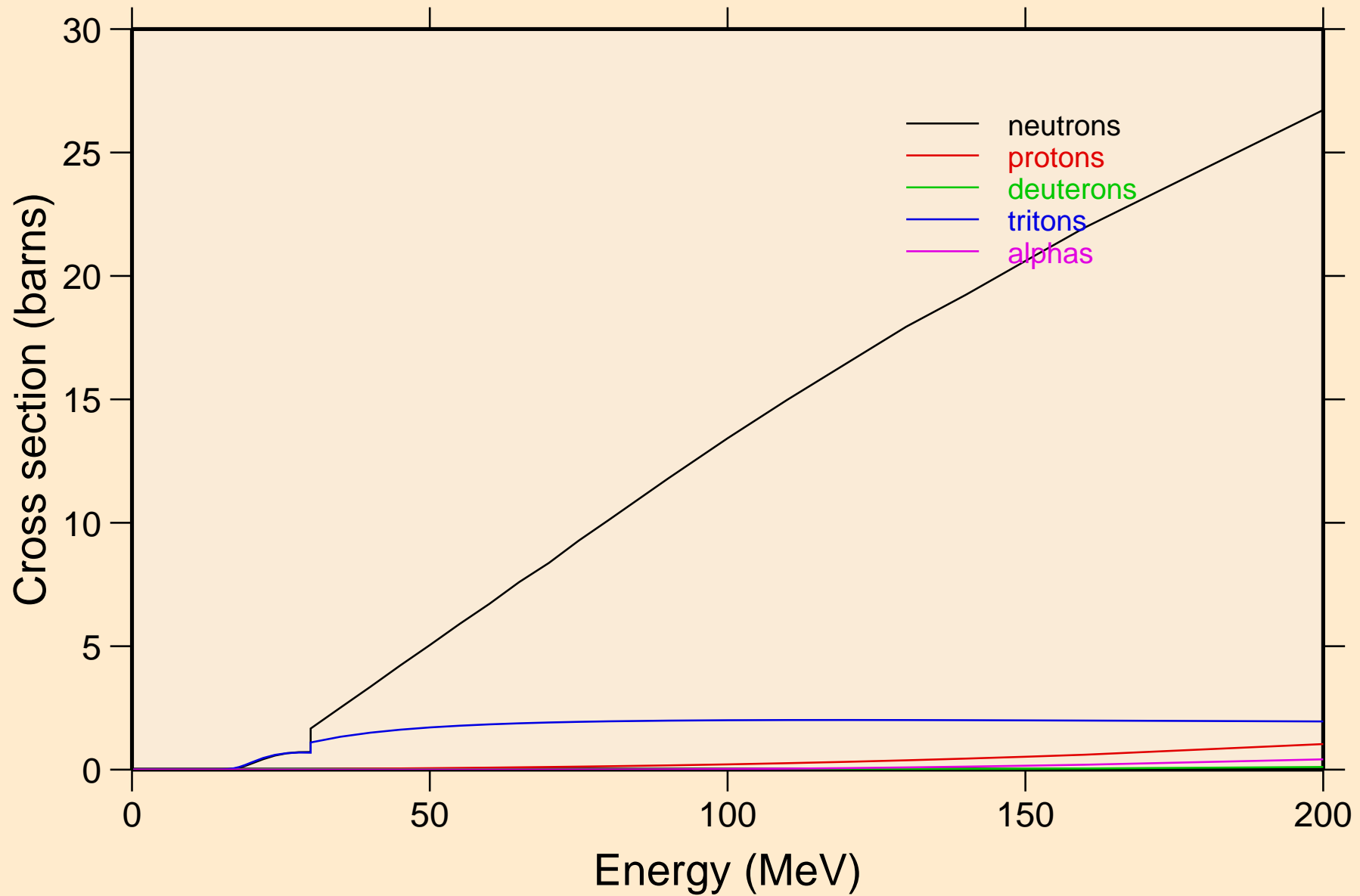
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Particle heating contributions



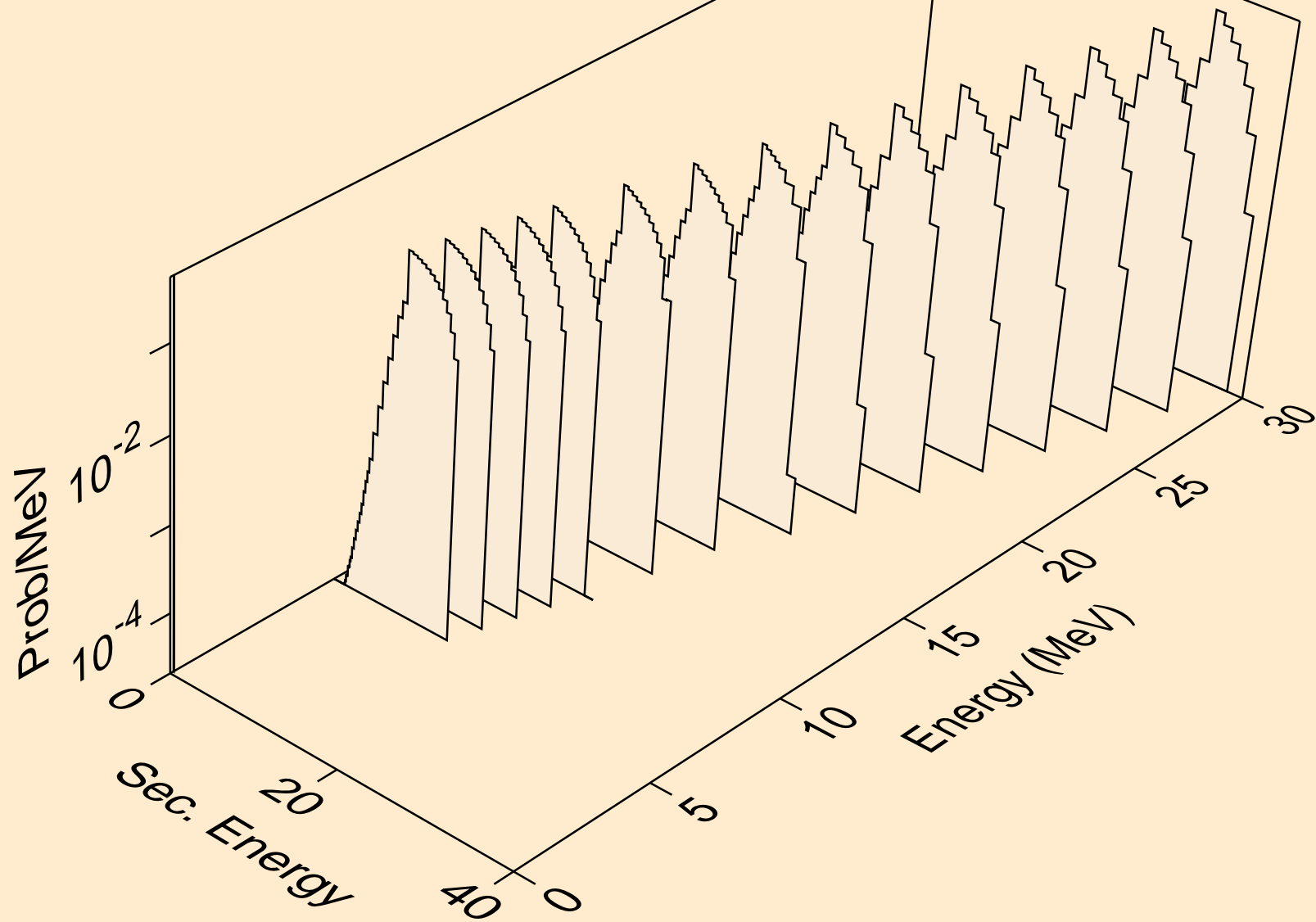
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Recoil Heating



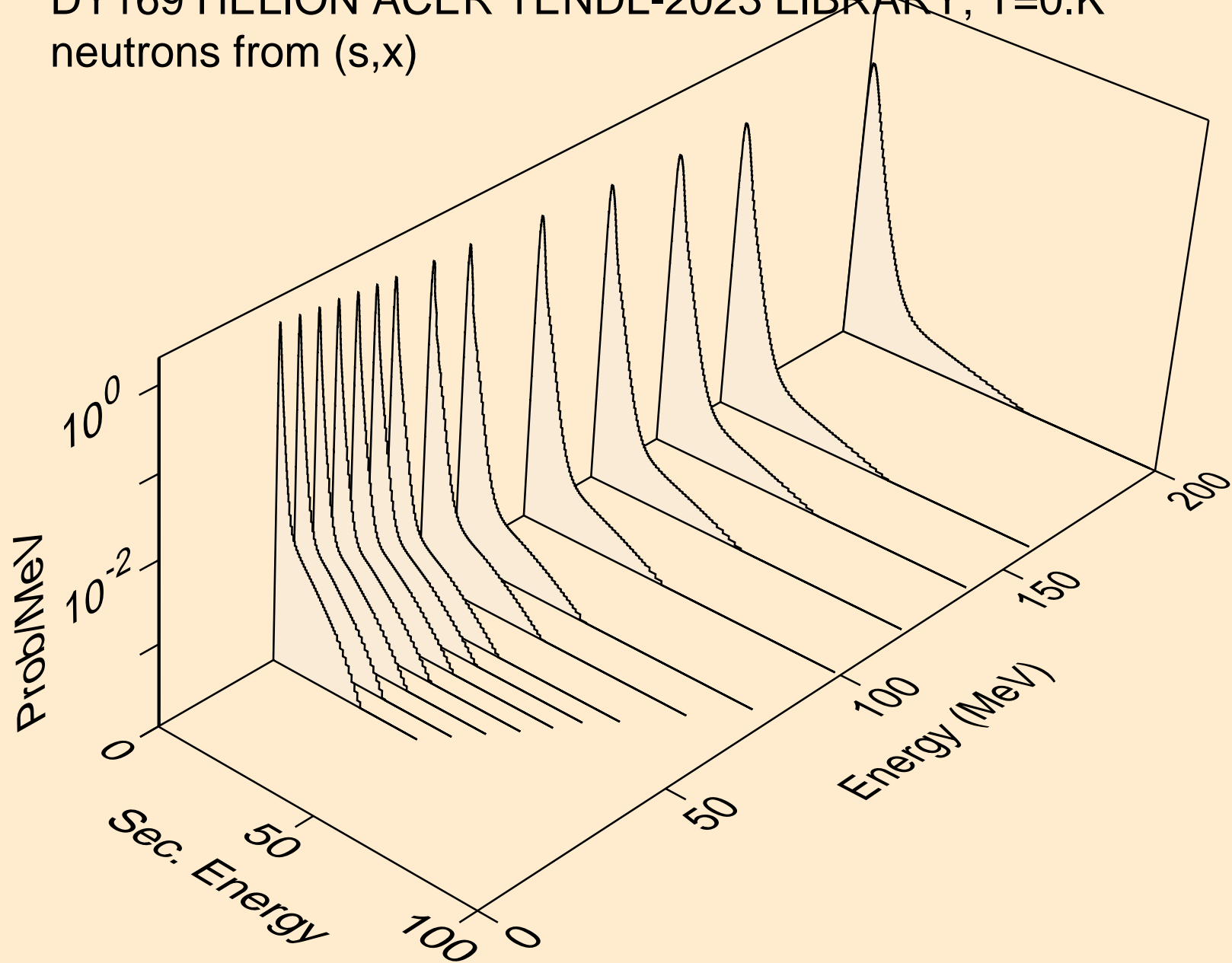
DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)

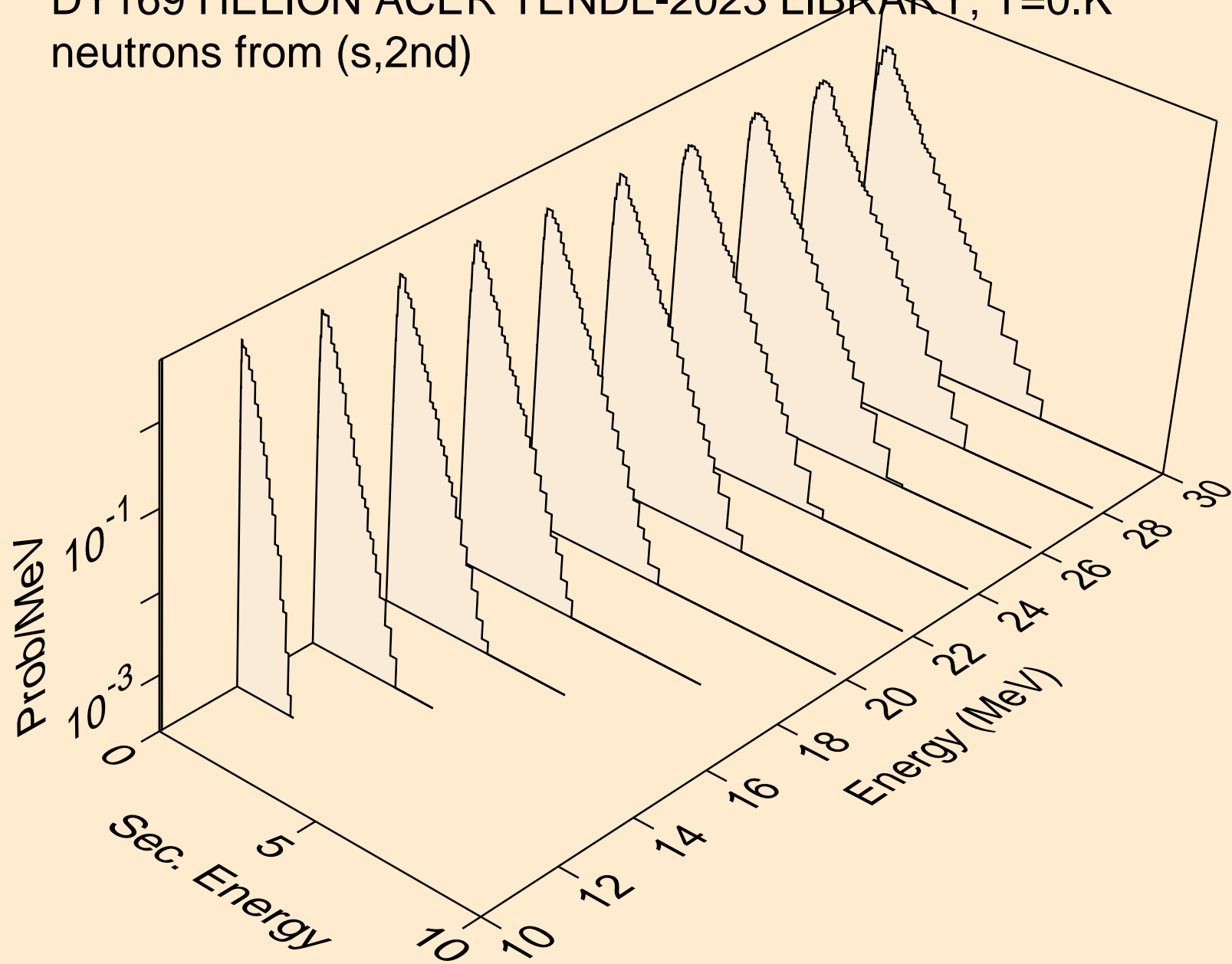


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neutrons from (s,x)

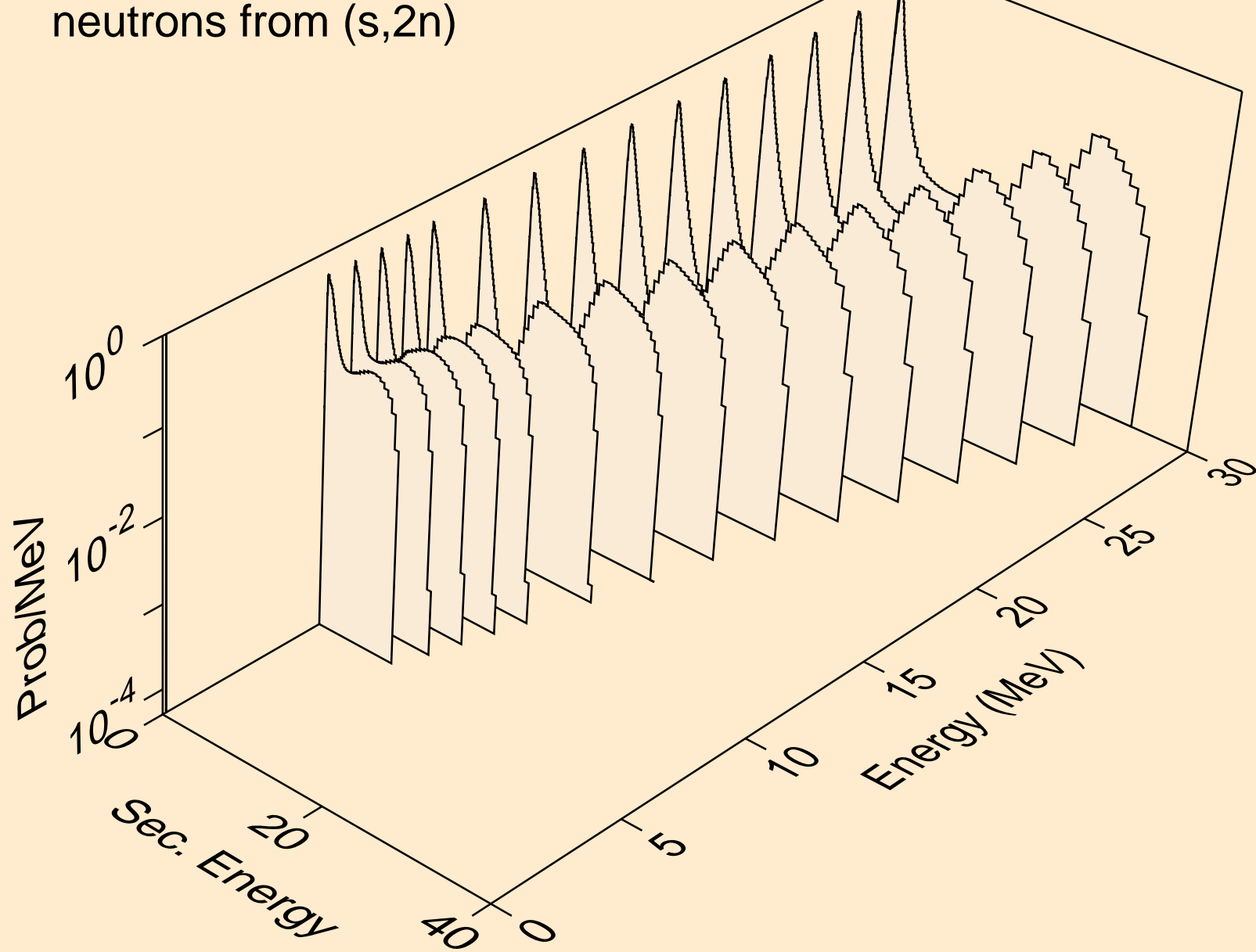




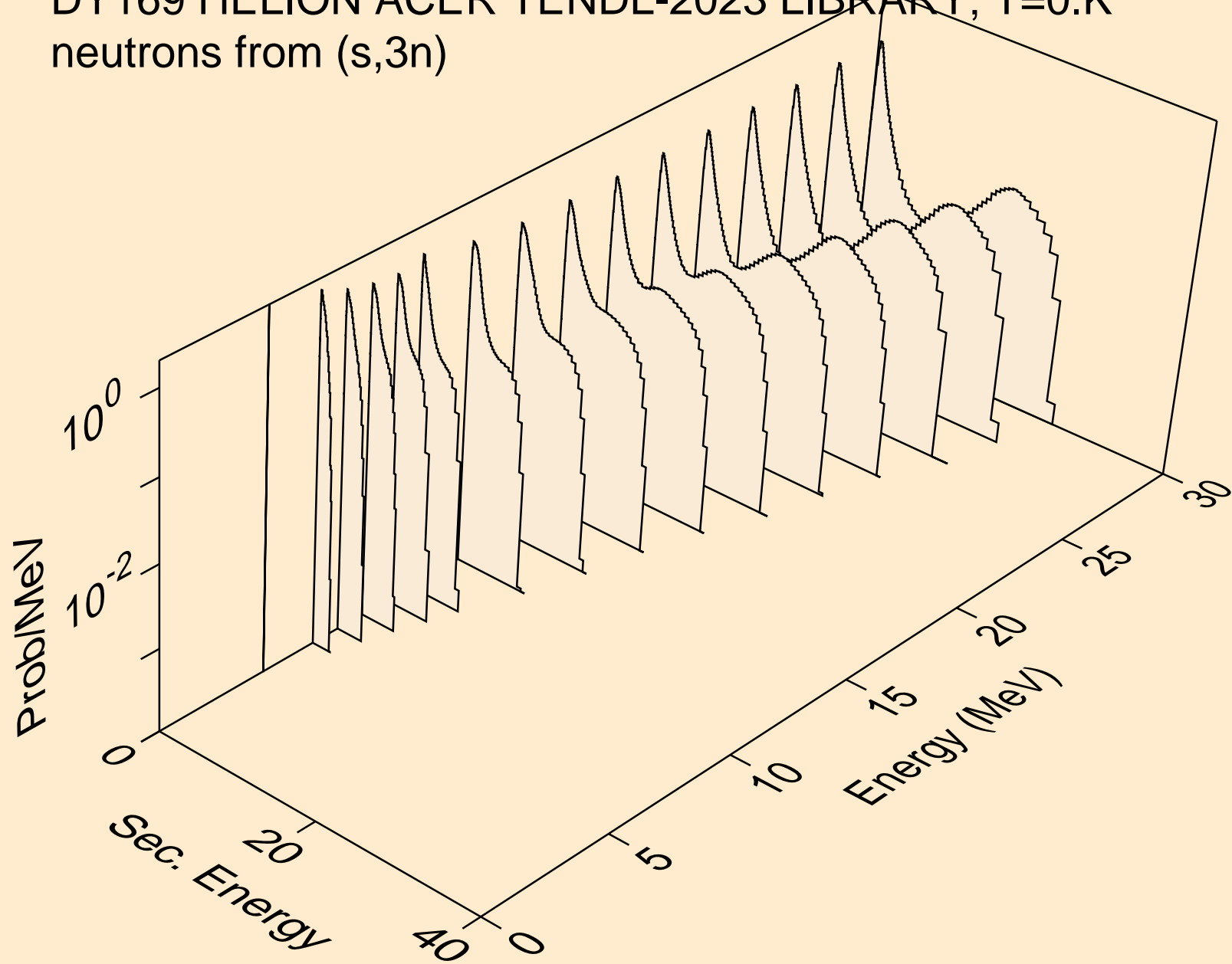
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neutrons from (s,2nd)



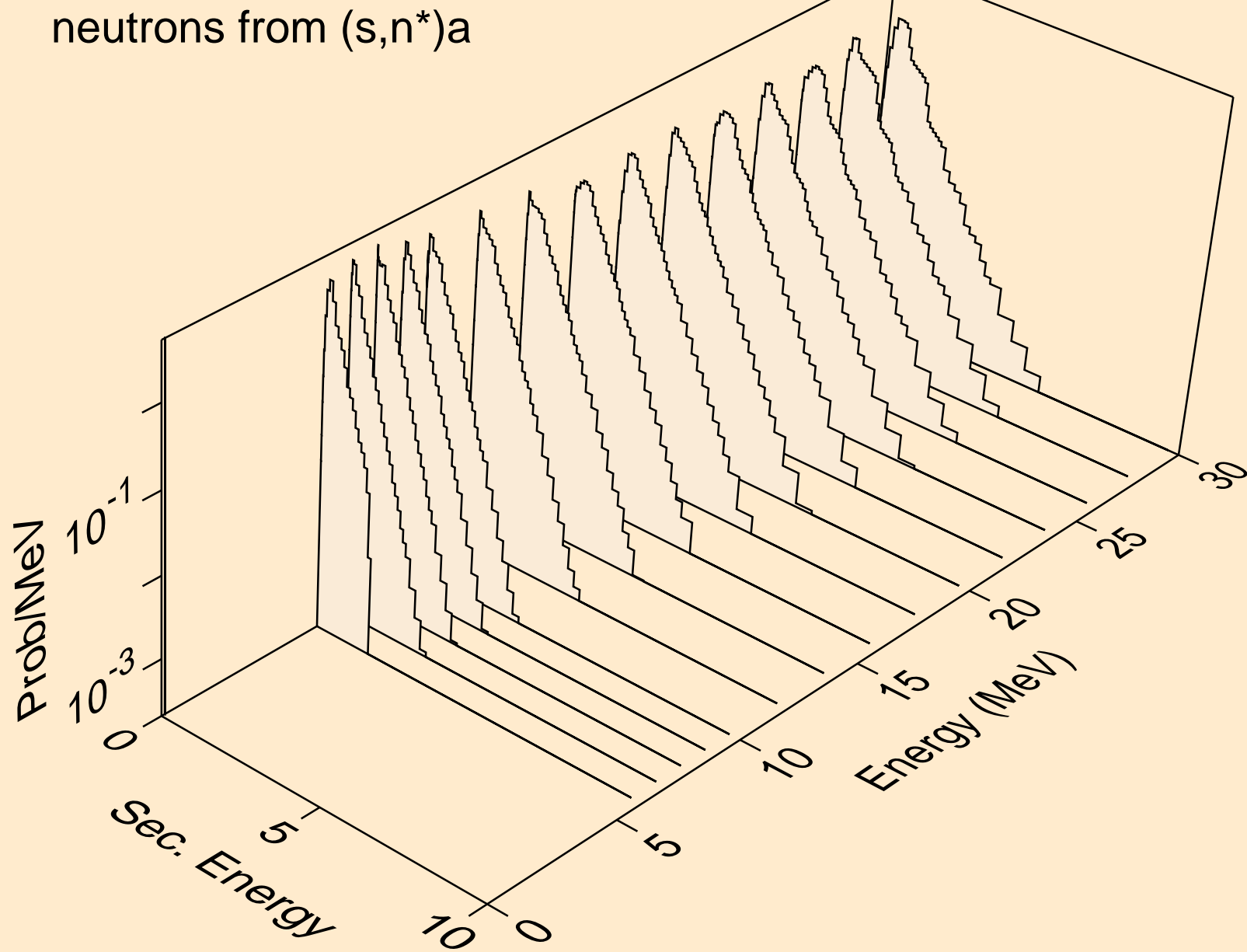
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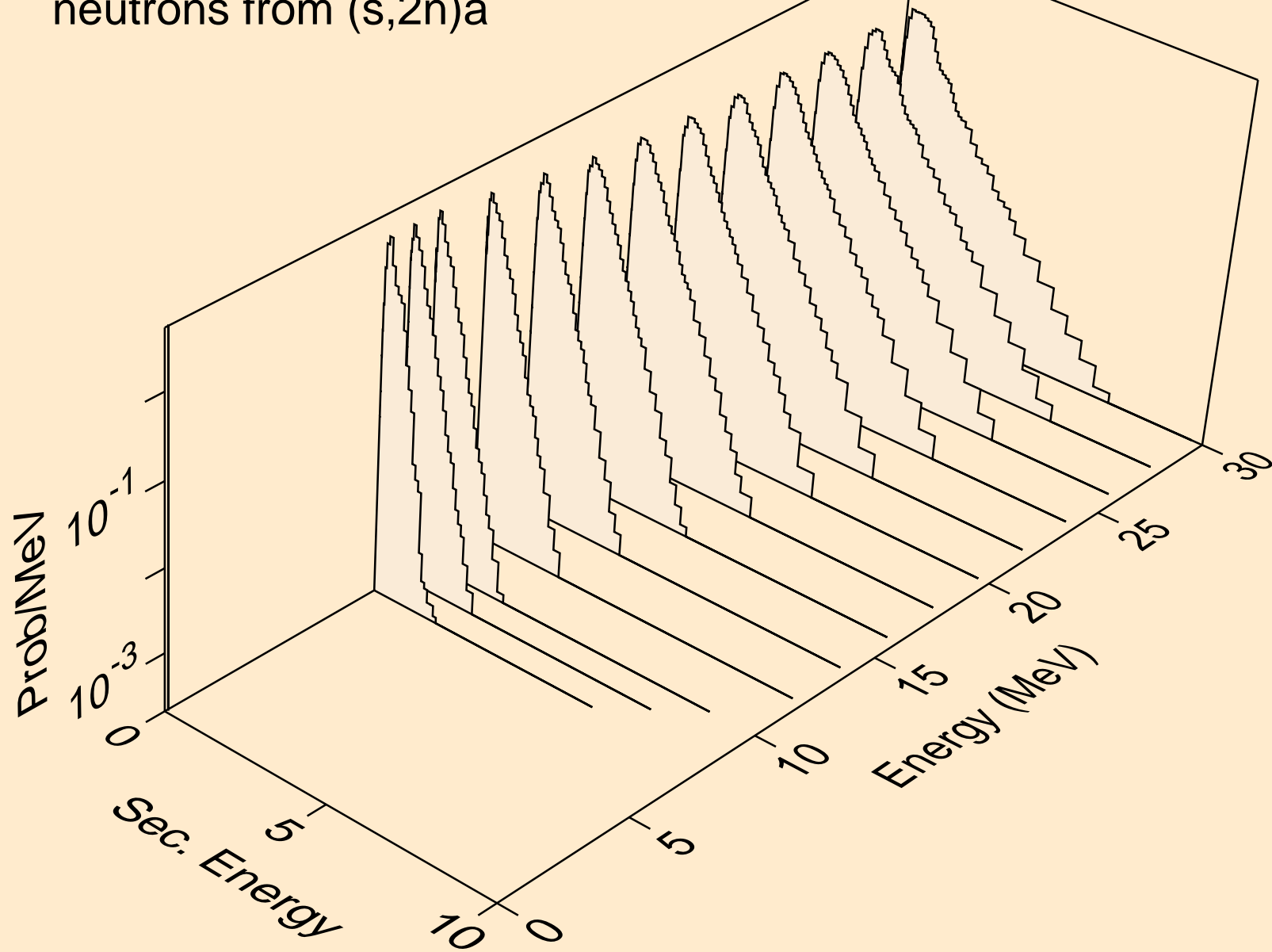
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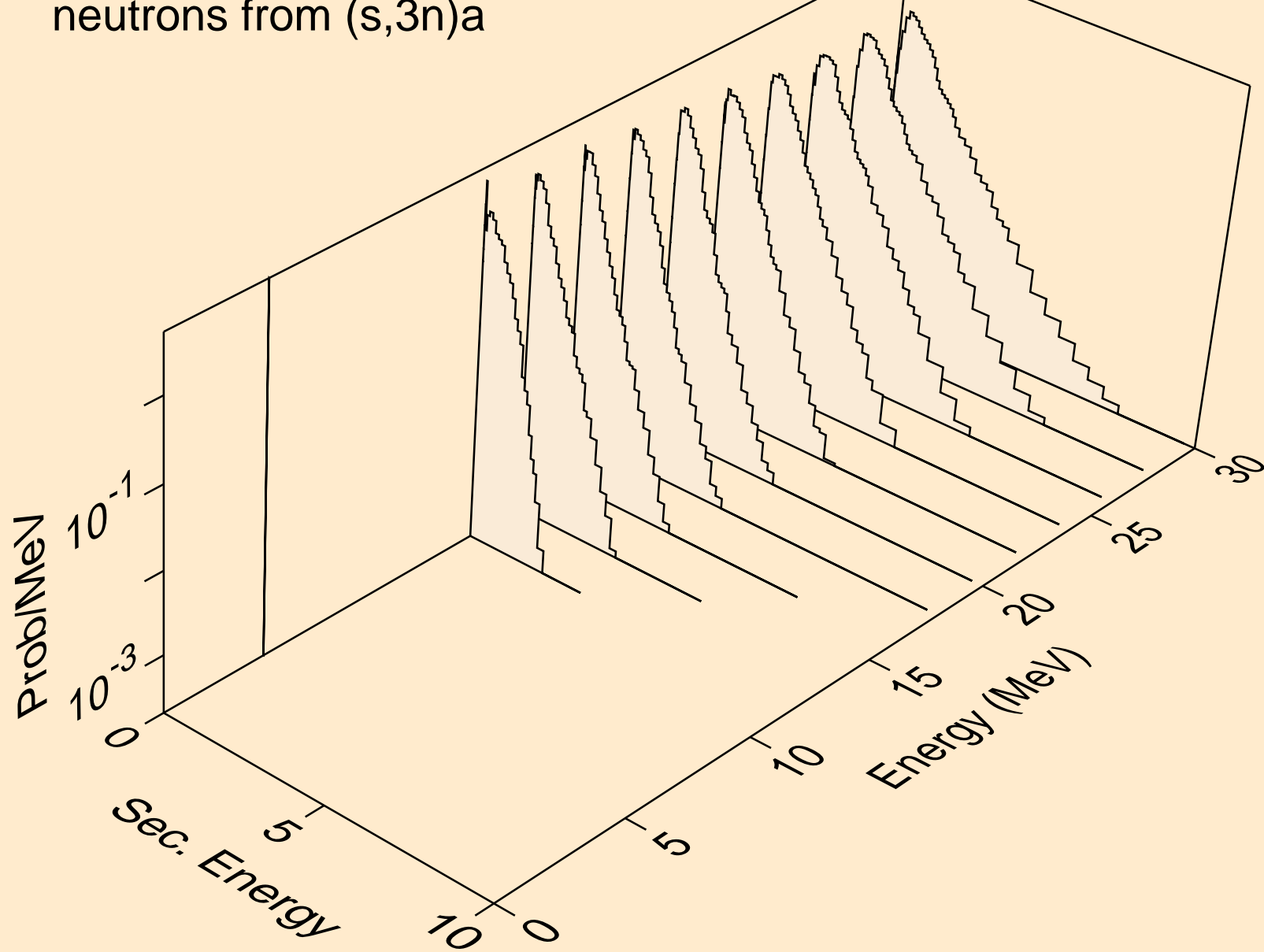
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neutrons from (s,n\*)a



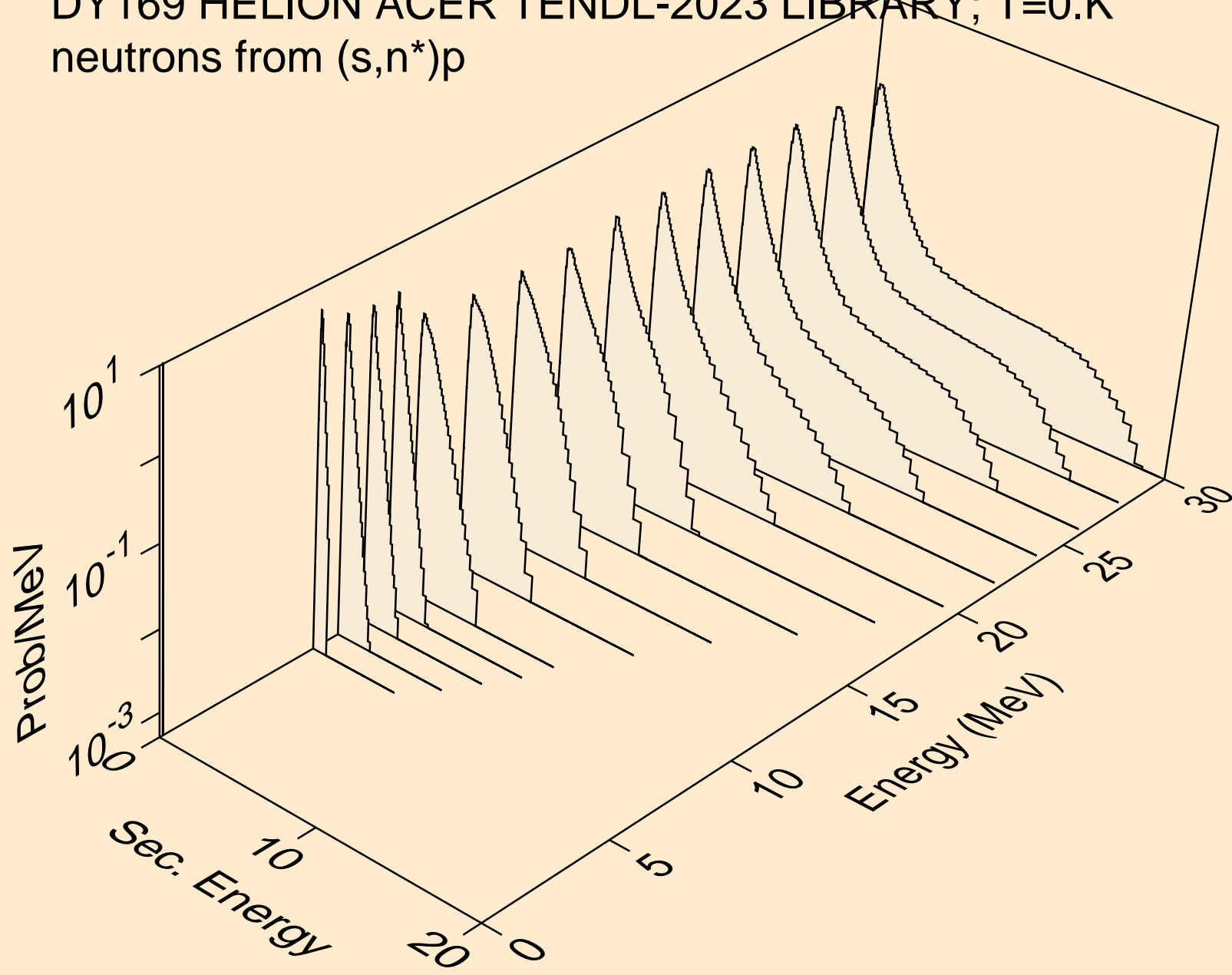
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neutrons from (s,2n)a



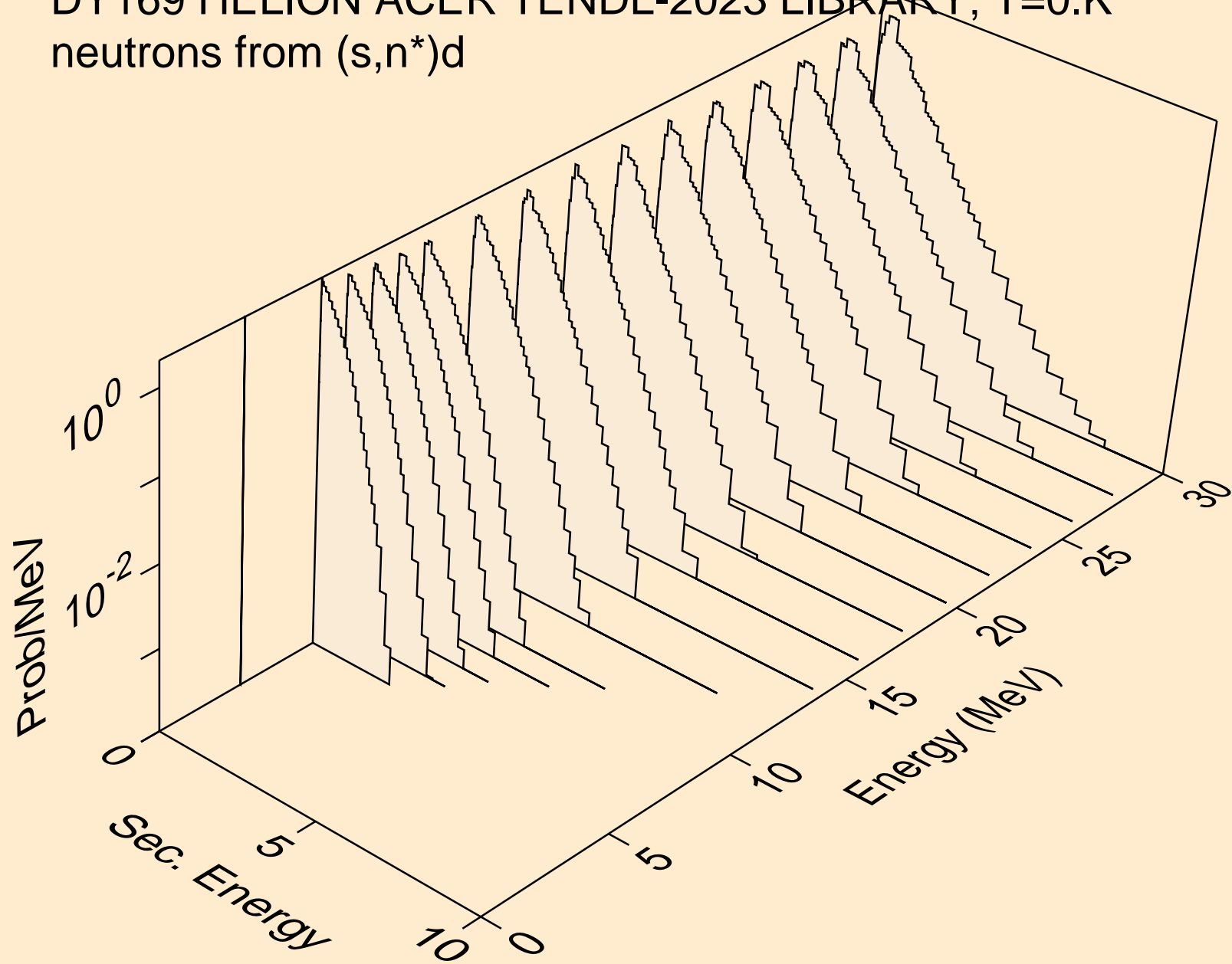
DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p

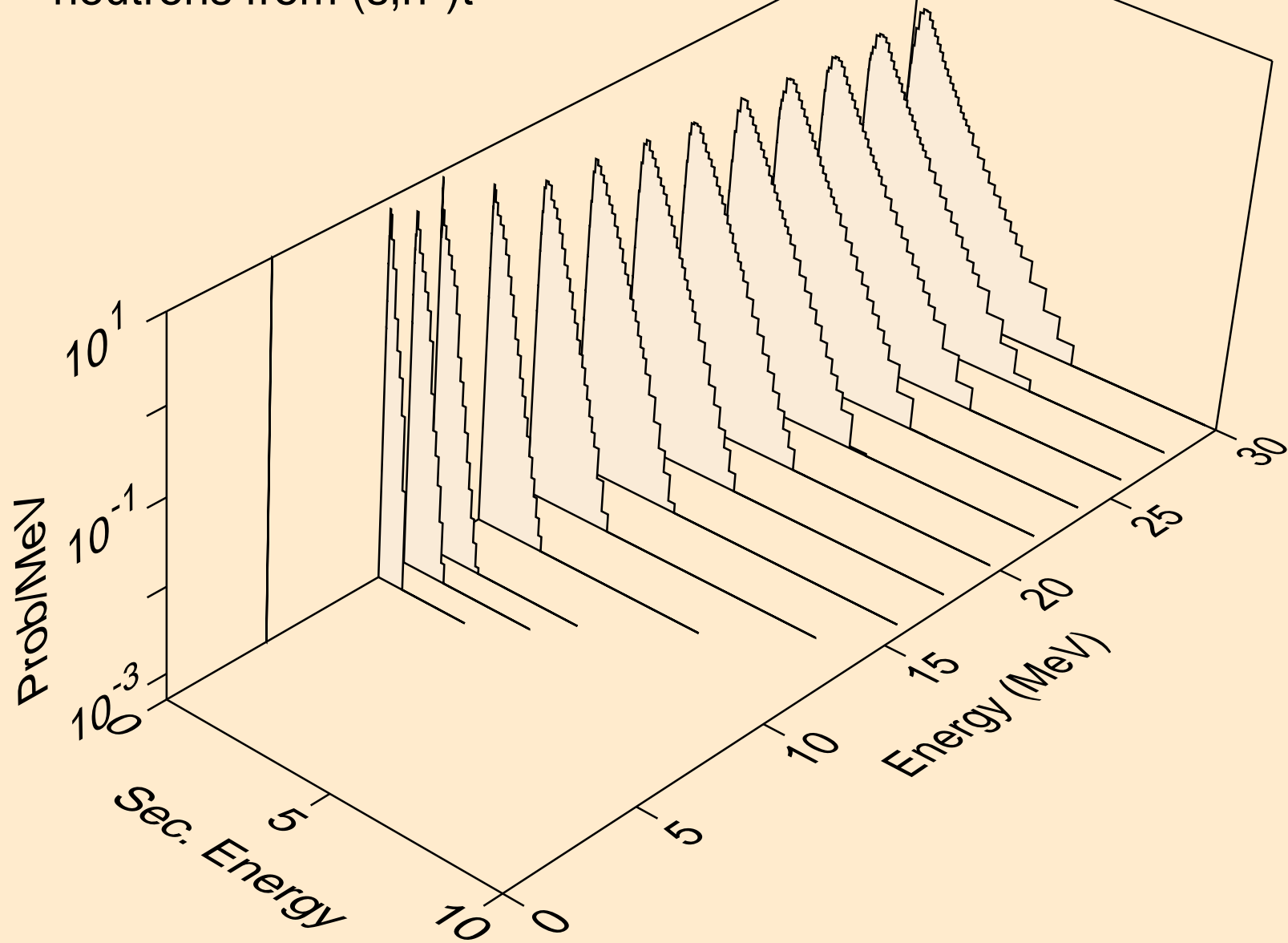


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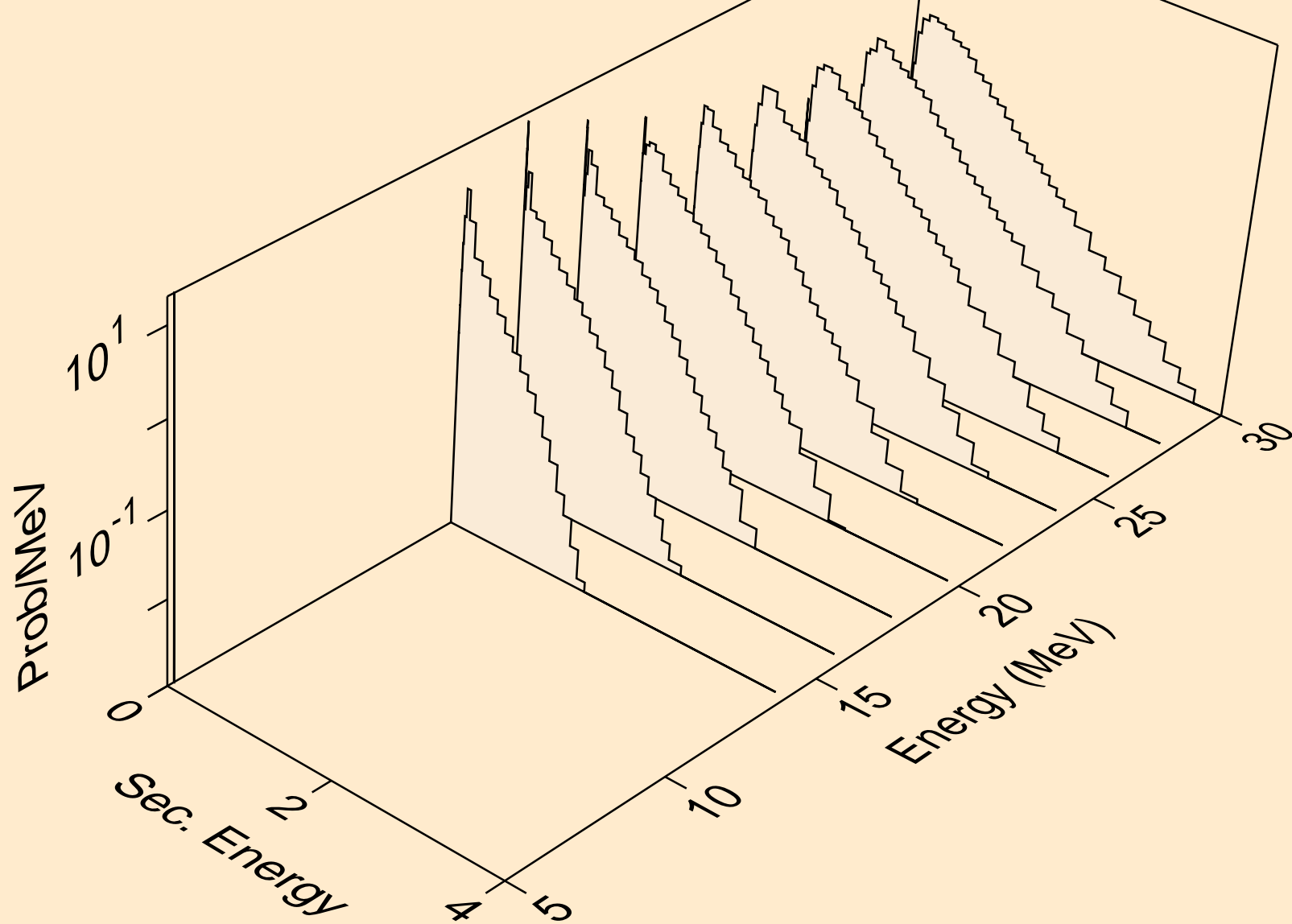




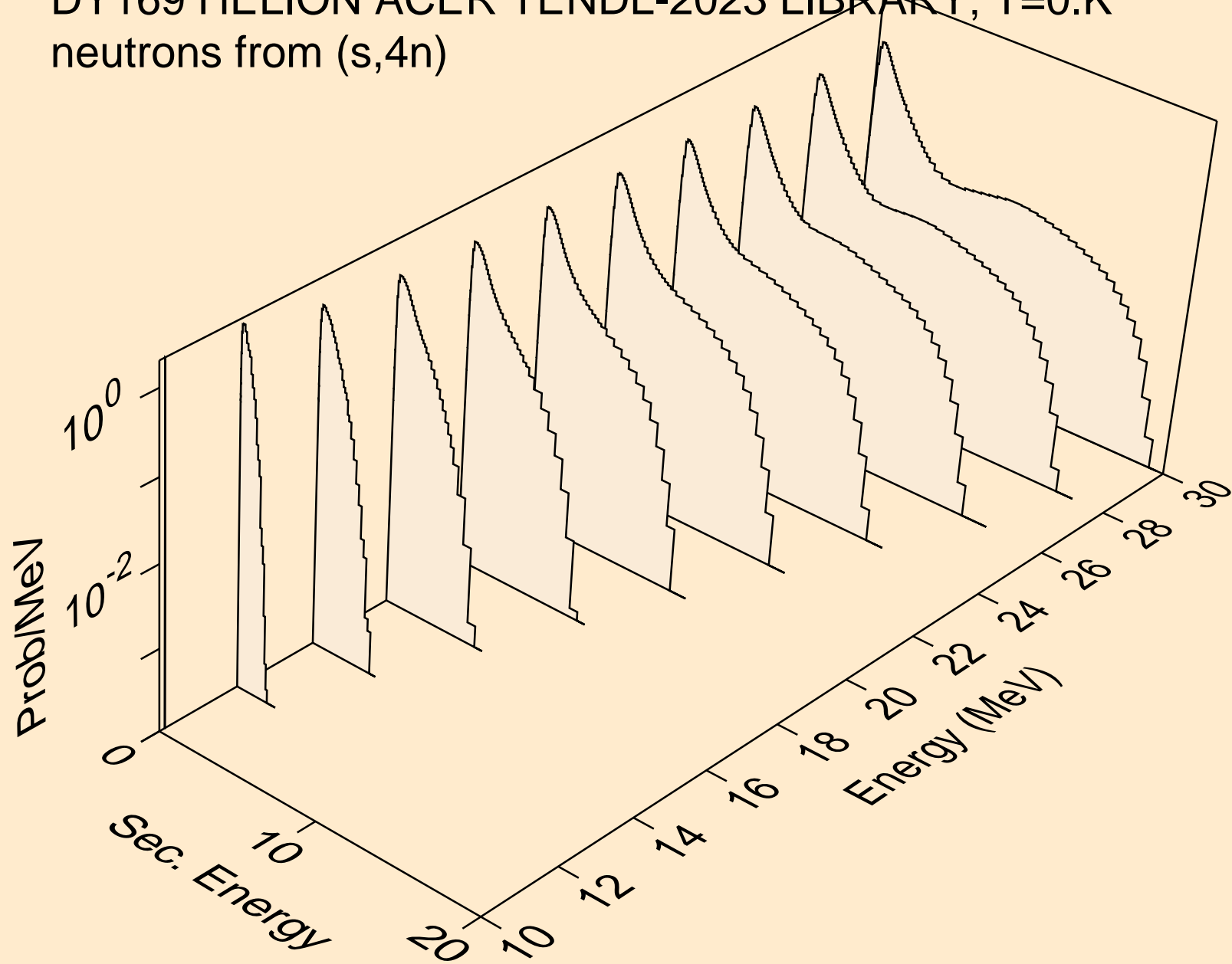
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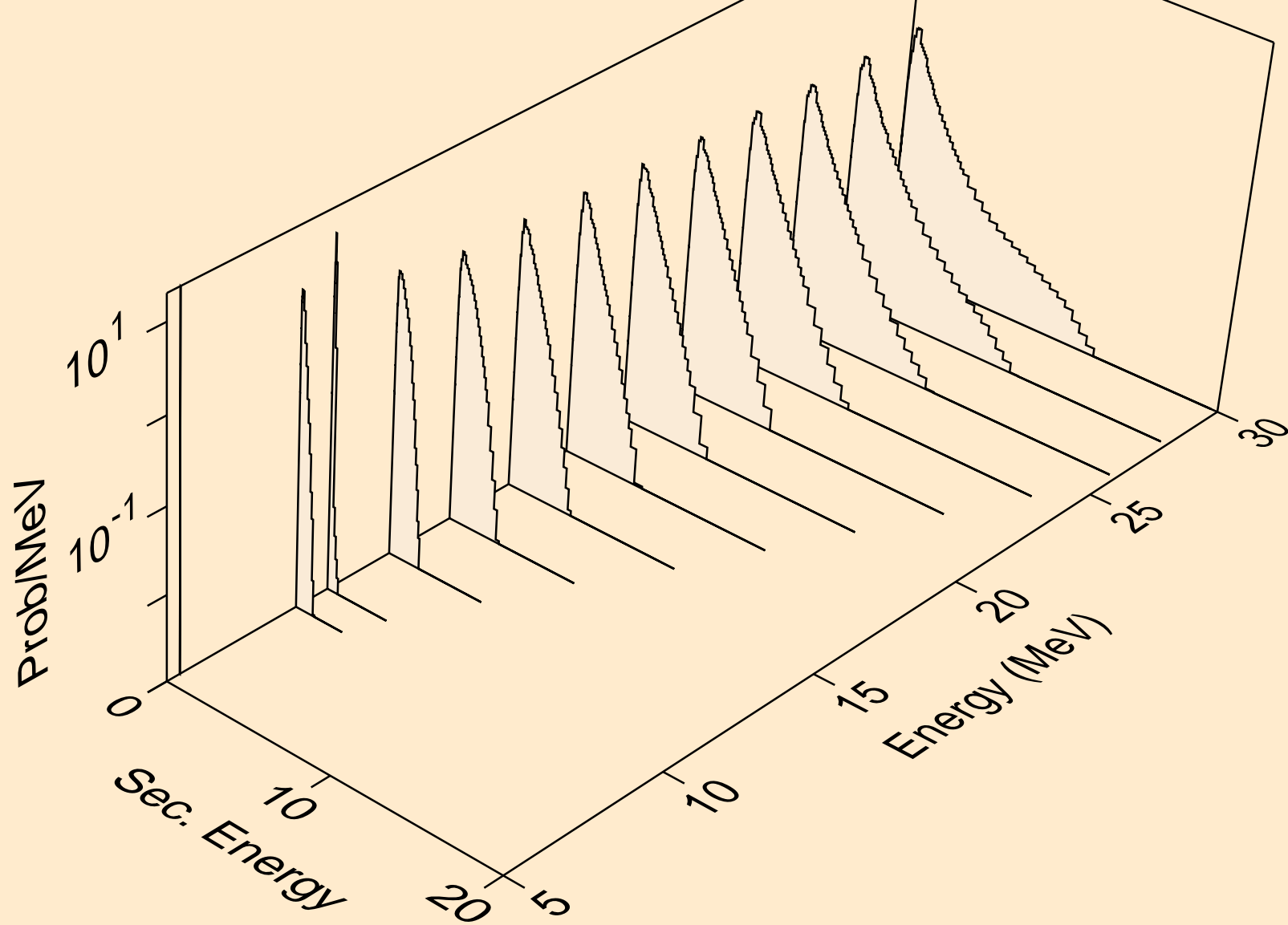
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neutrons from (s,n\*)he3



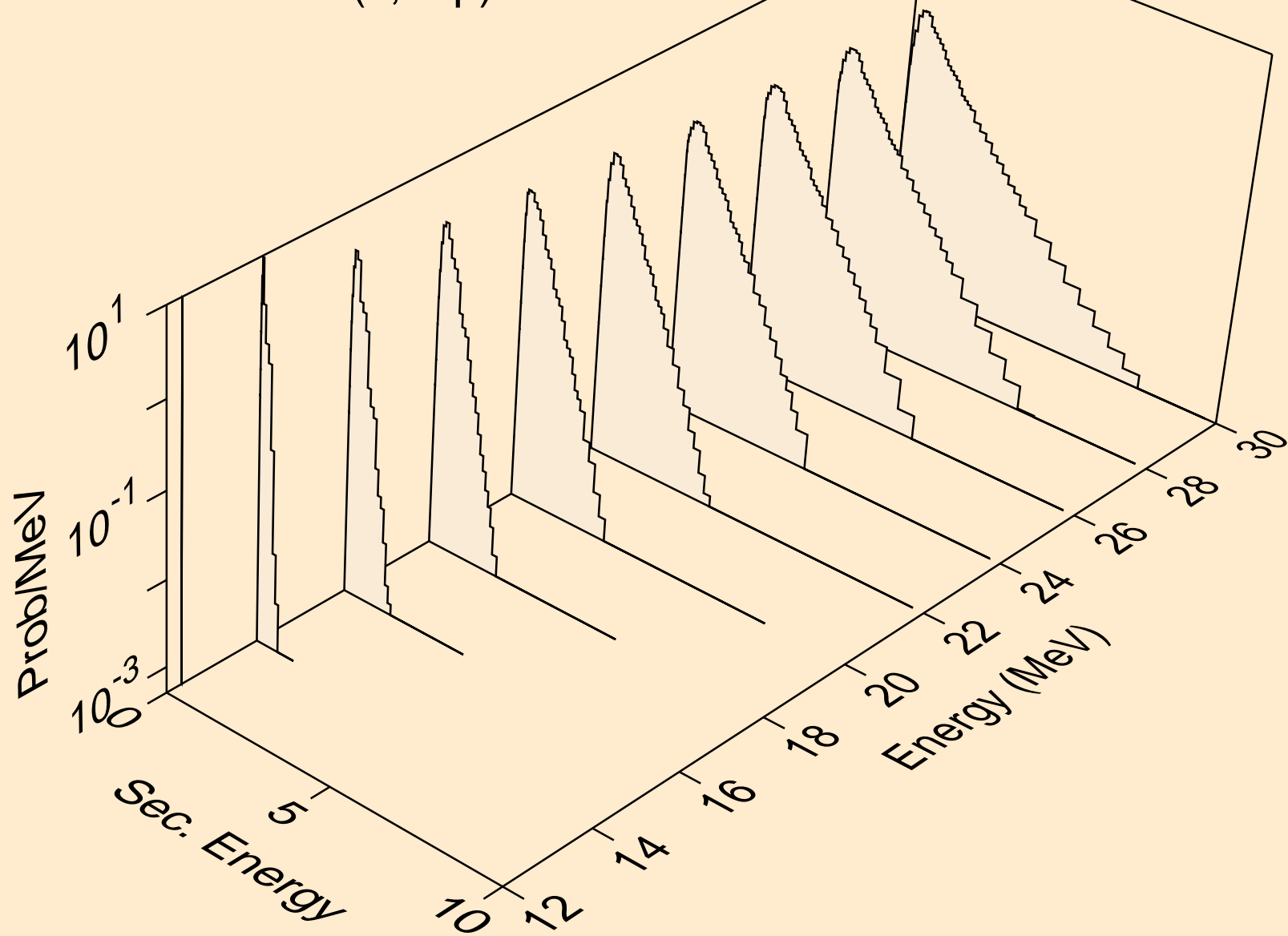
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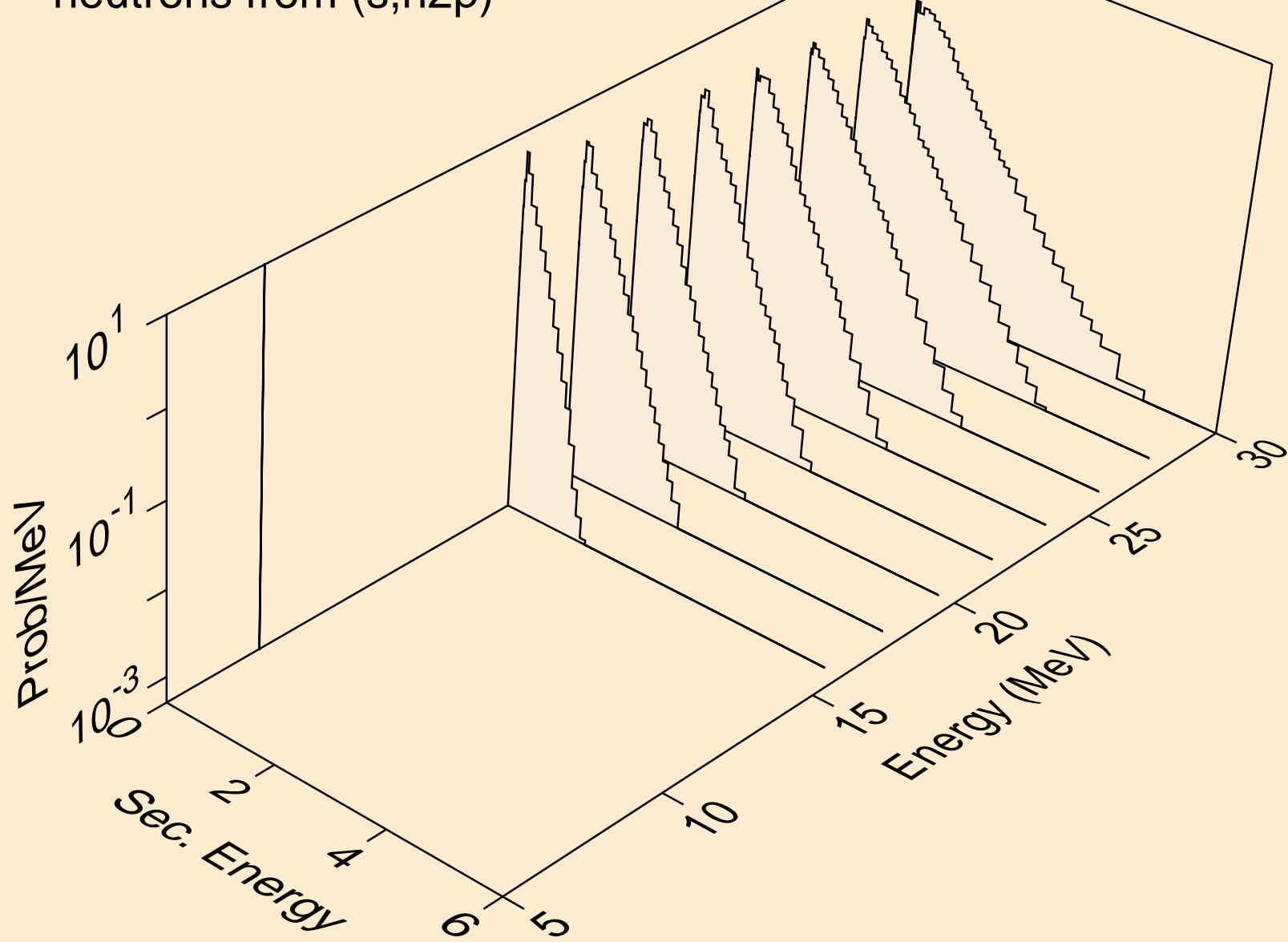
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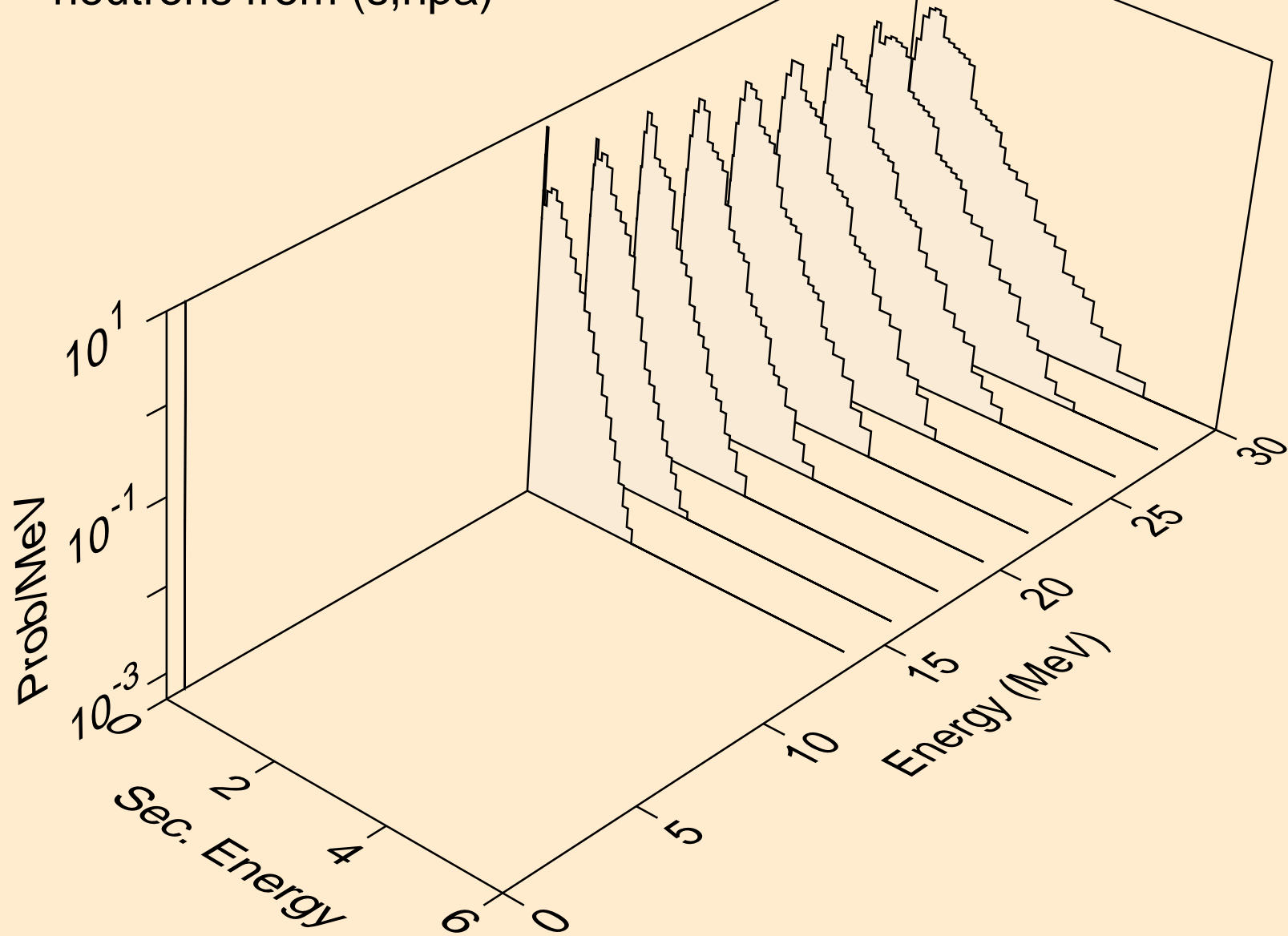
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neutrons from (s,3np)



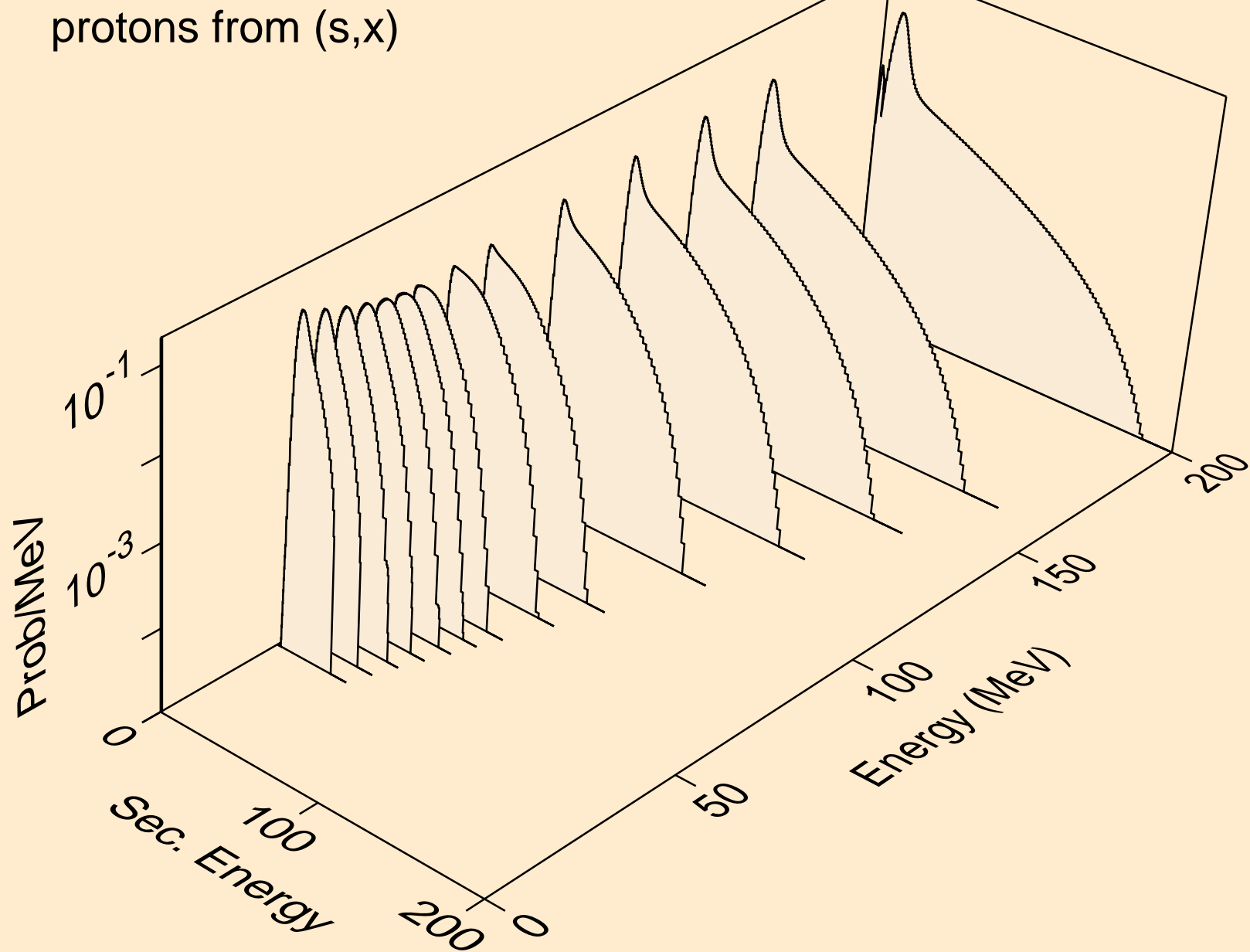
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neutrons from (s,n2p)



DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)

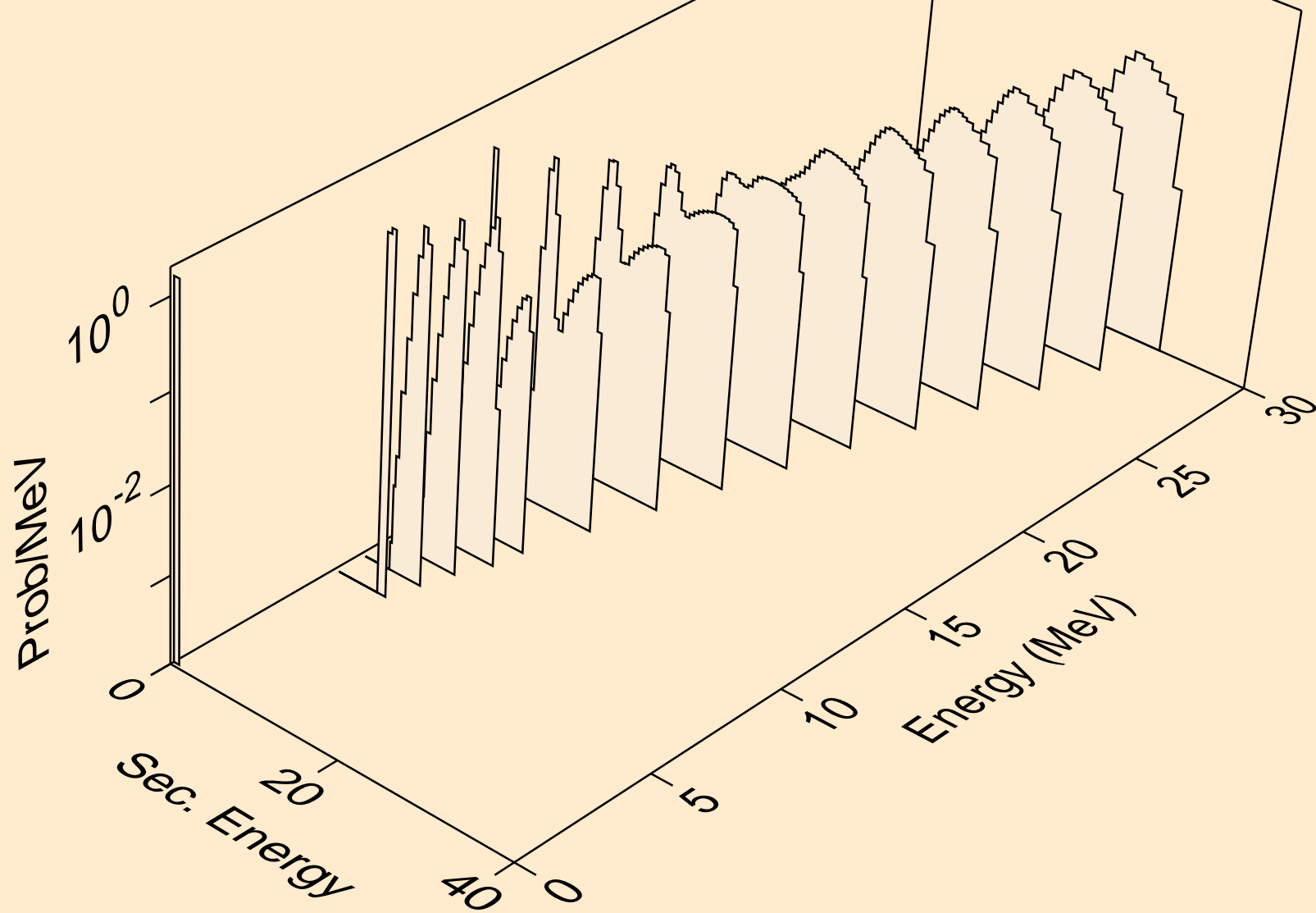


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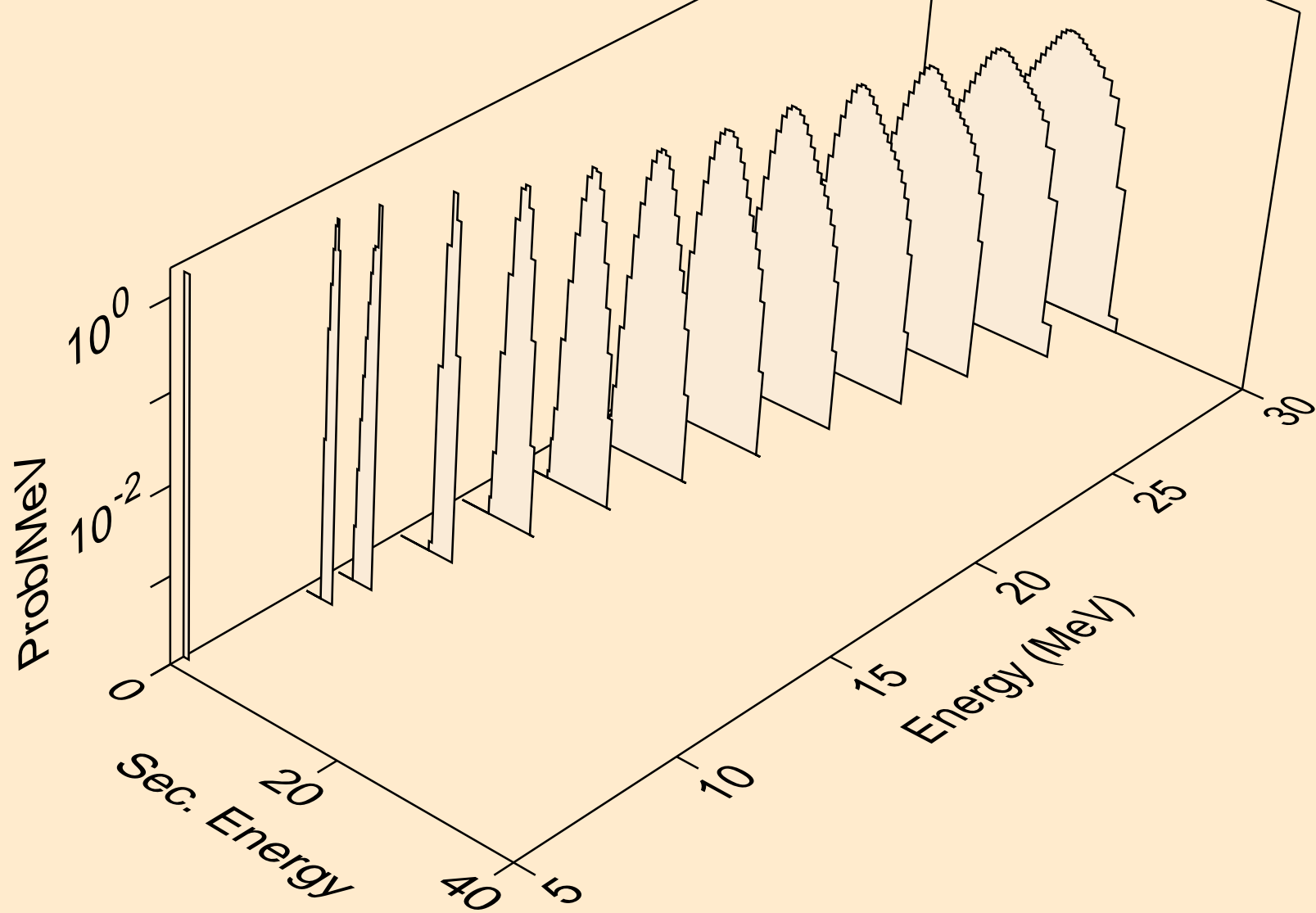




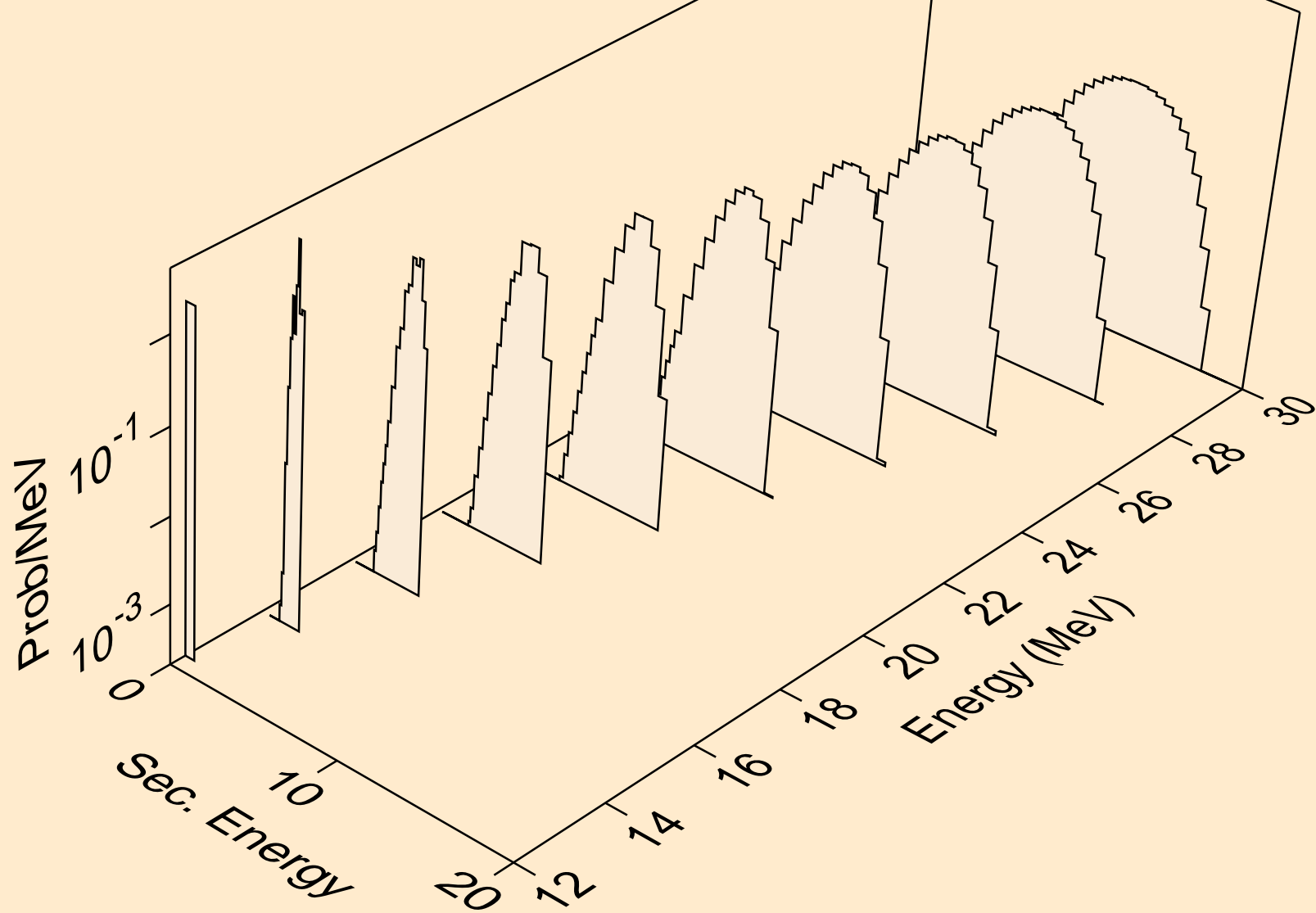
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protons from (s,n\*)p



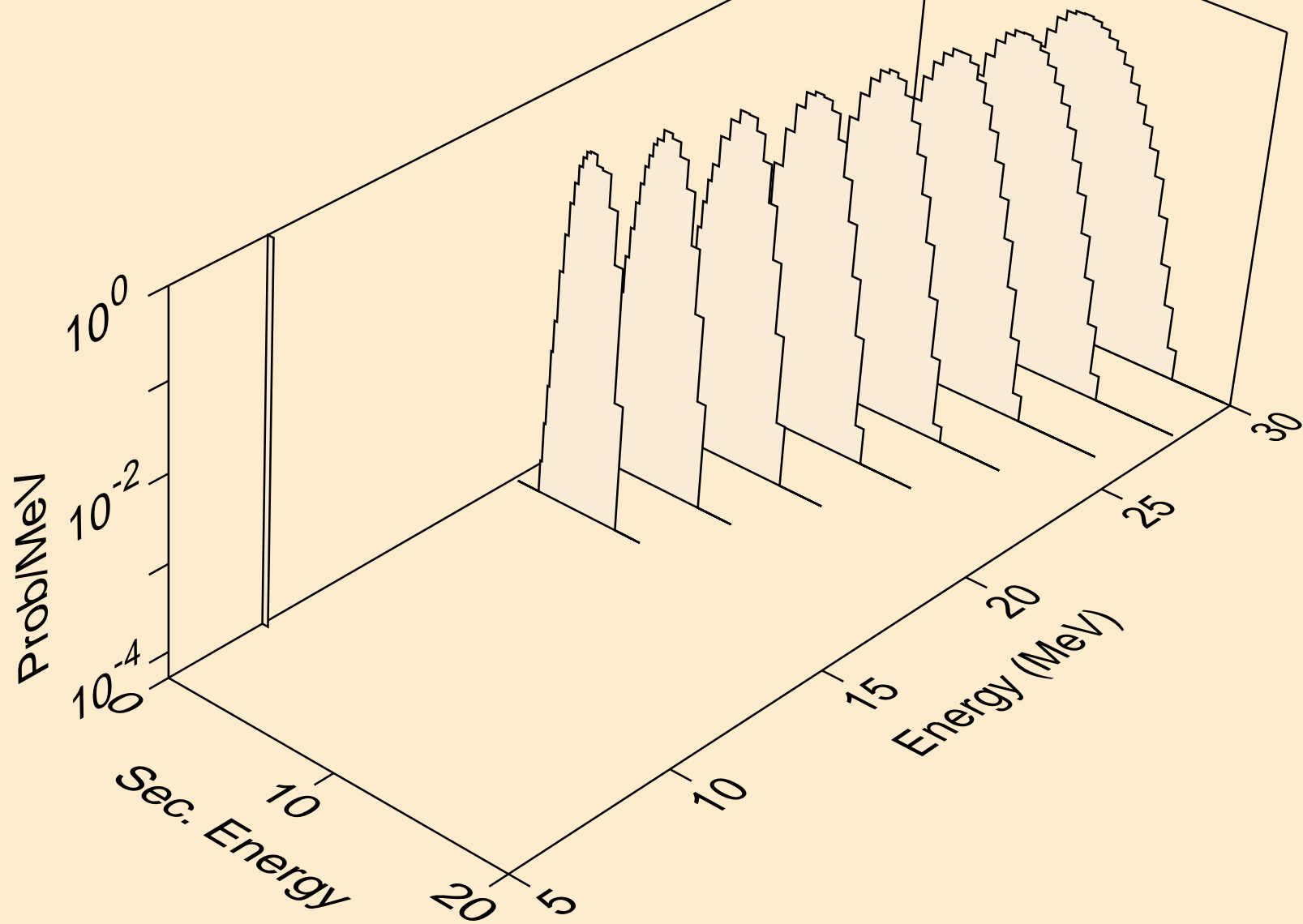
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protons from (s,2np)



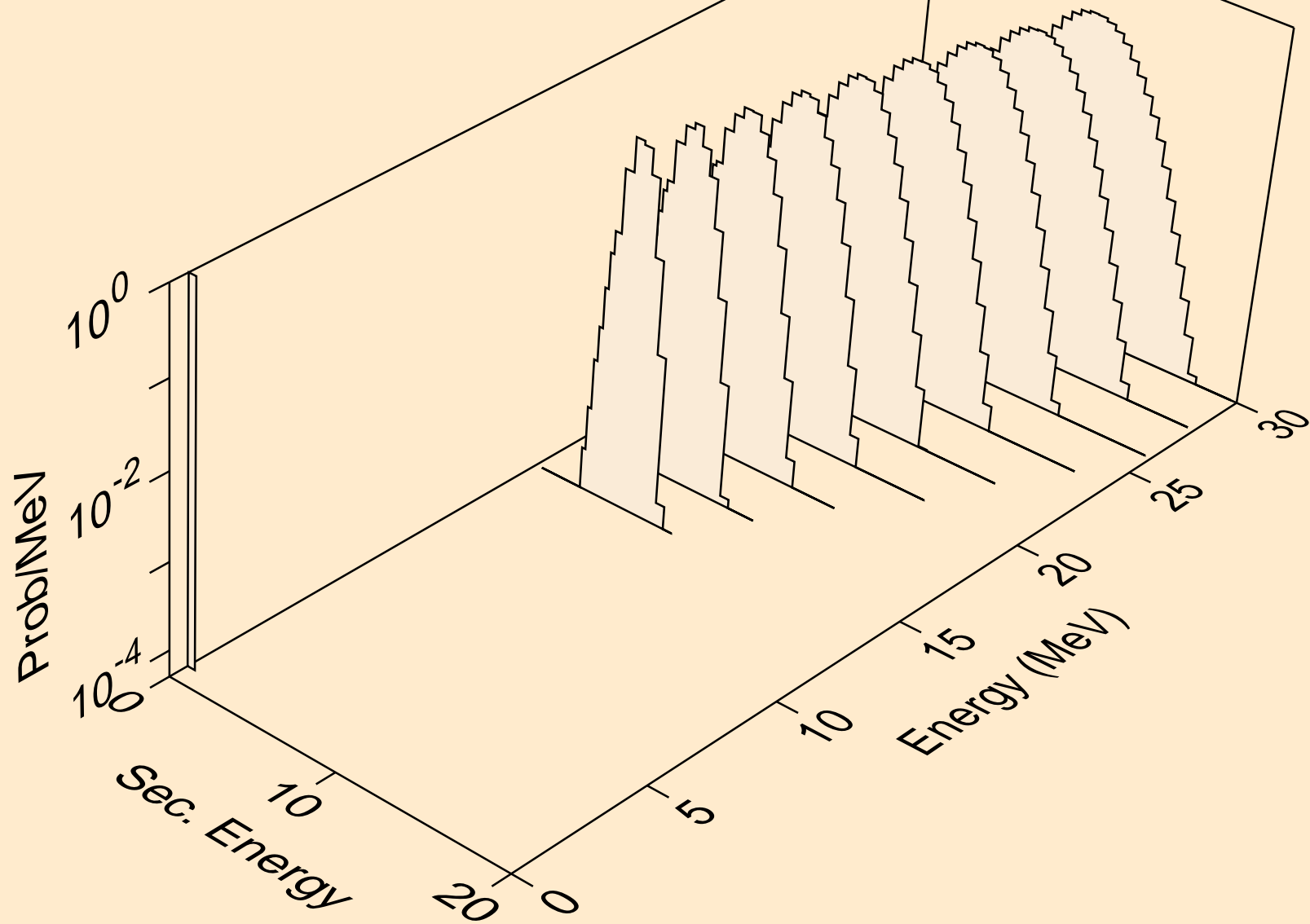
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protons from (s,3np)



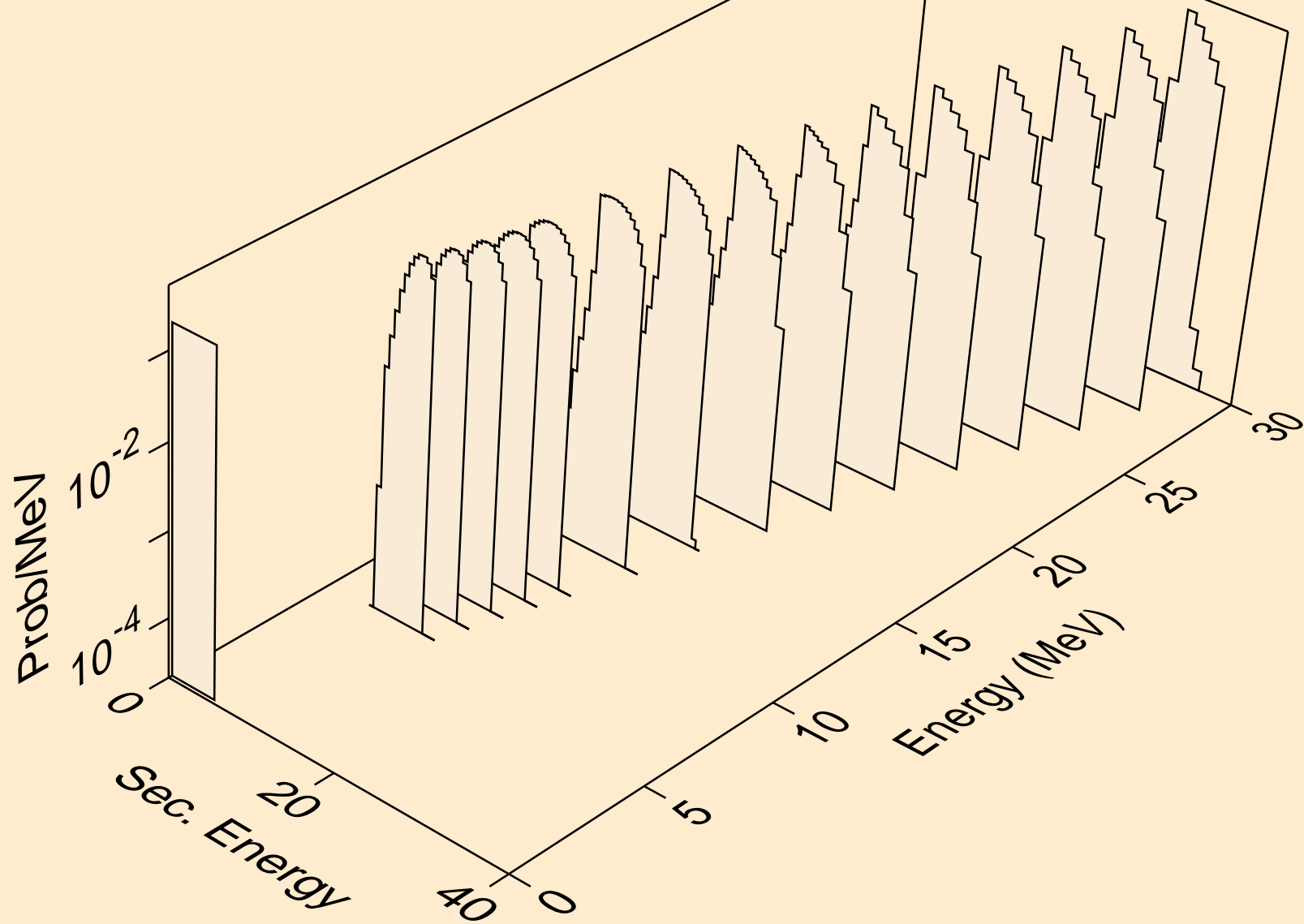
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protons from (s,n2p)



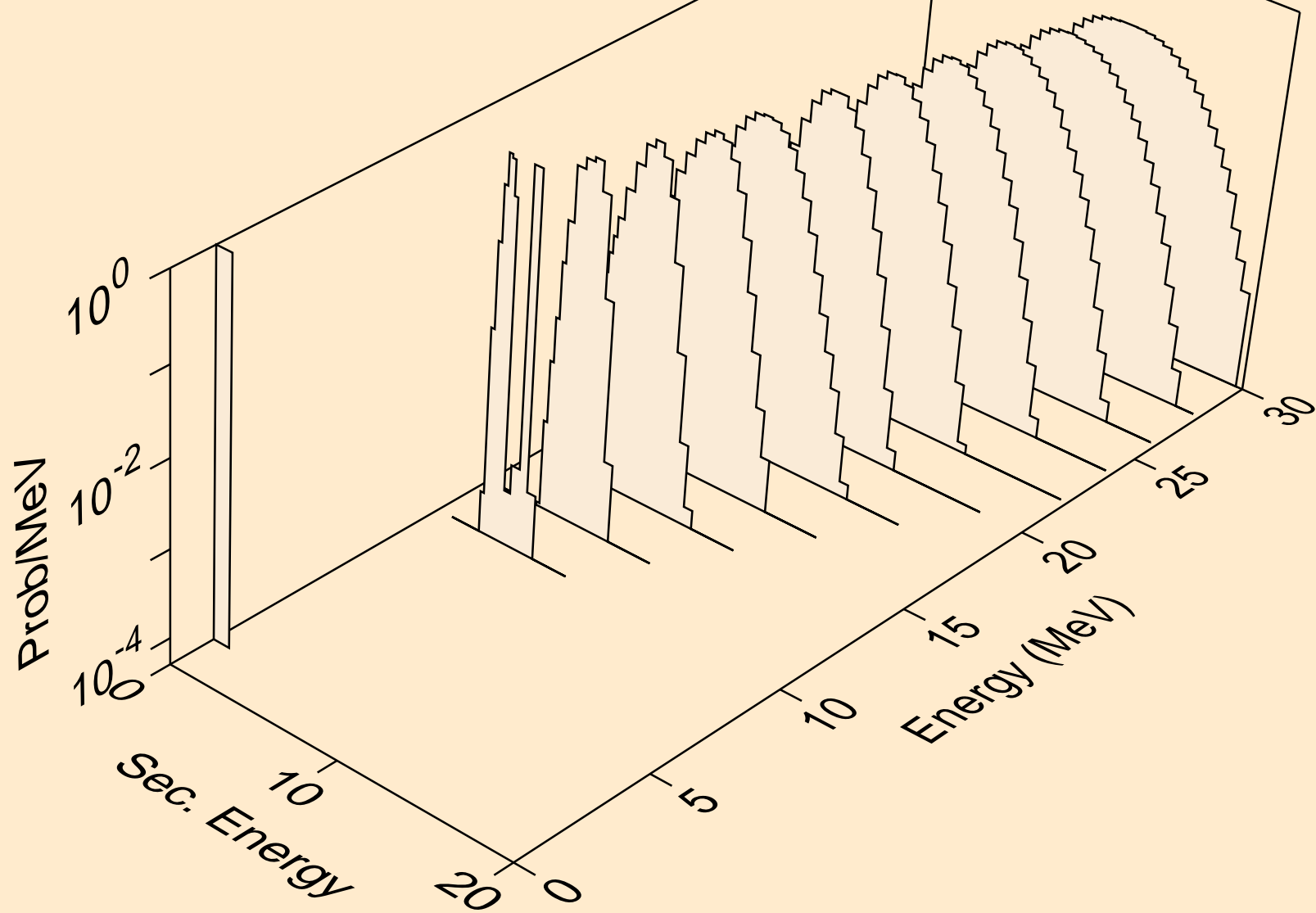
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protons from (s,npa)



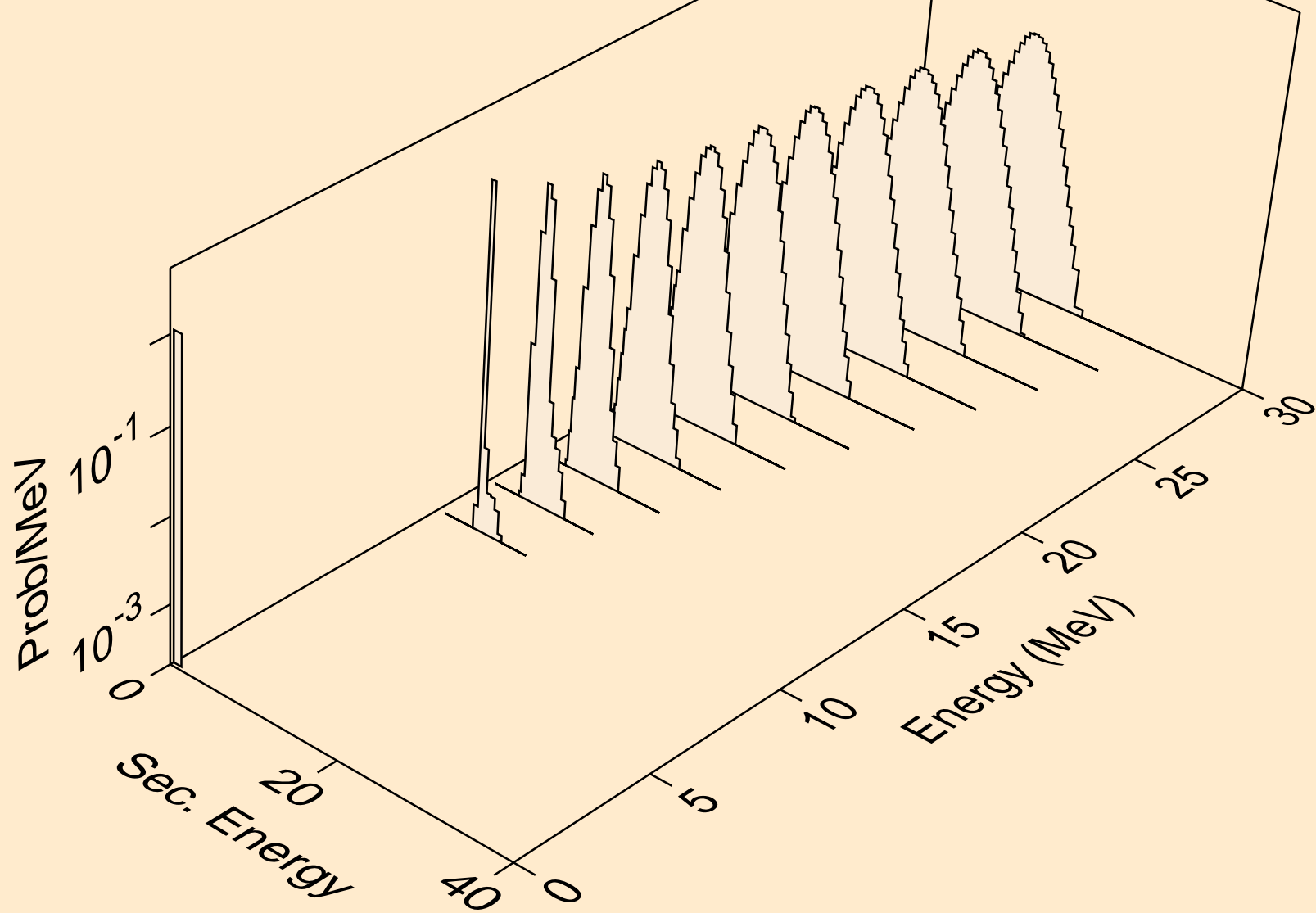
DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)

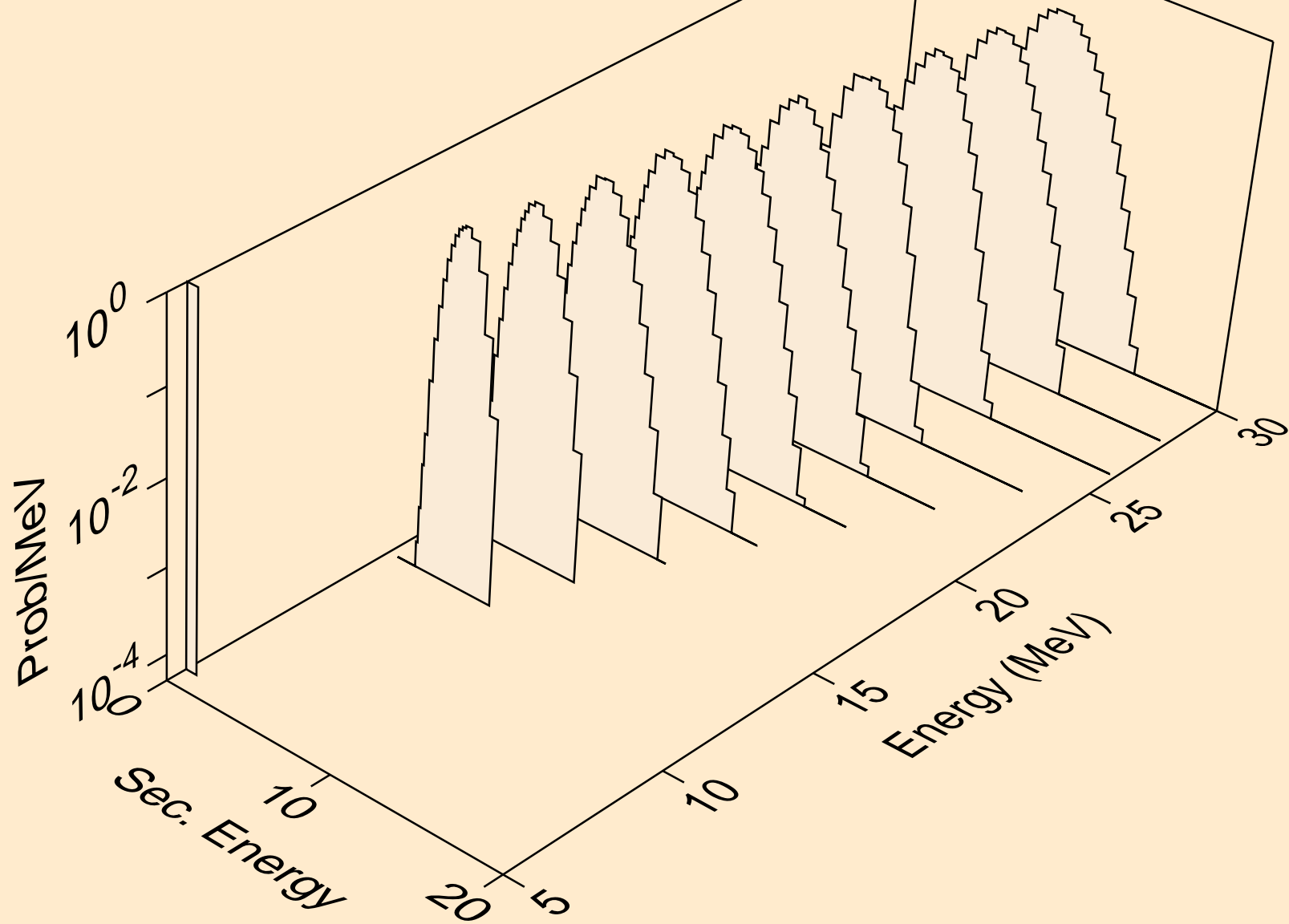


DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pa)

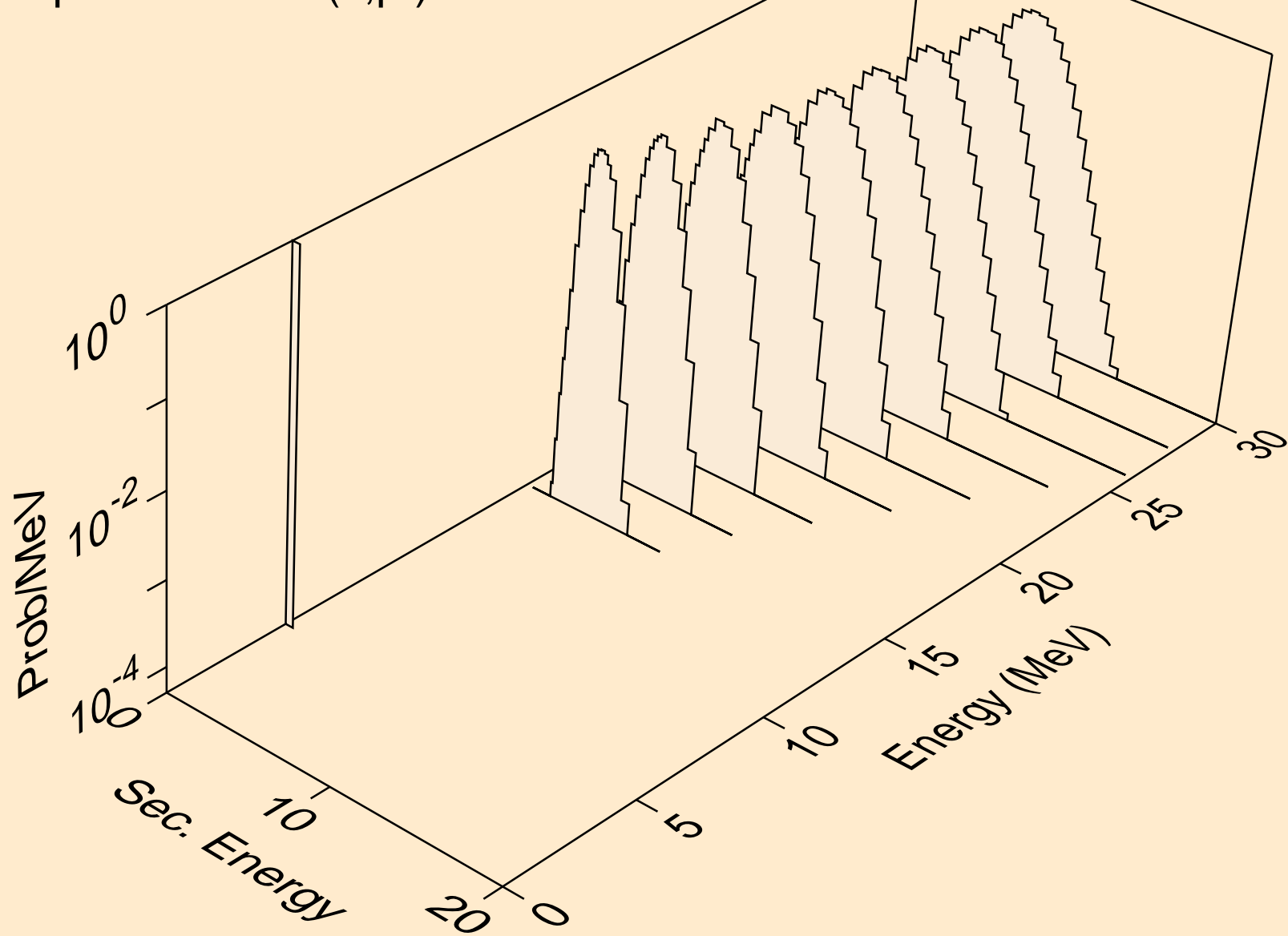




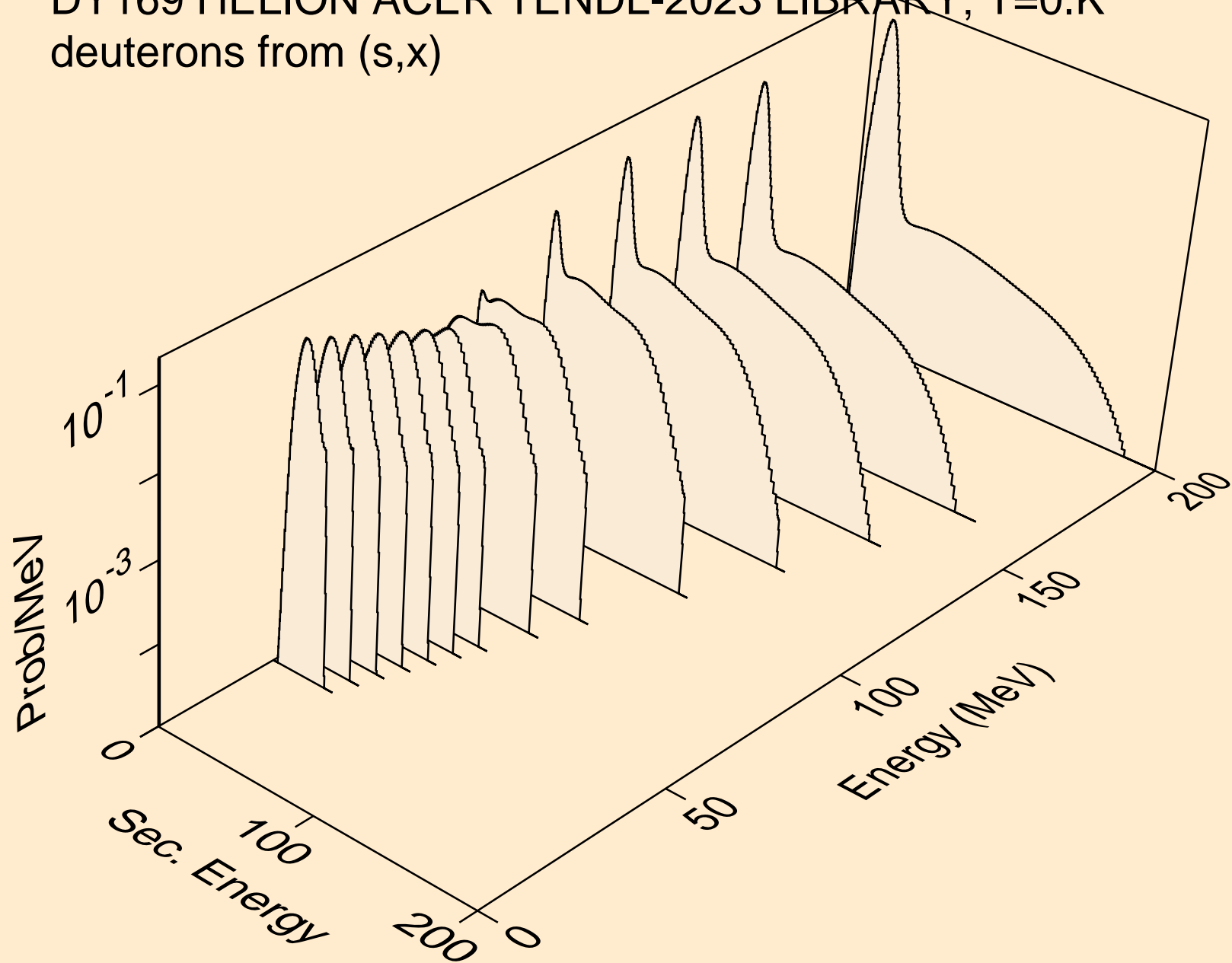
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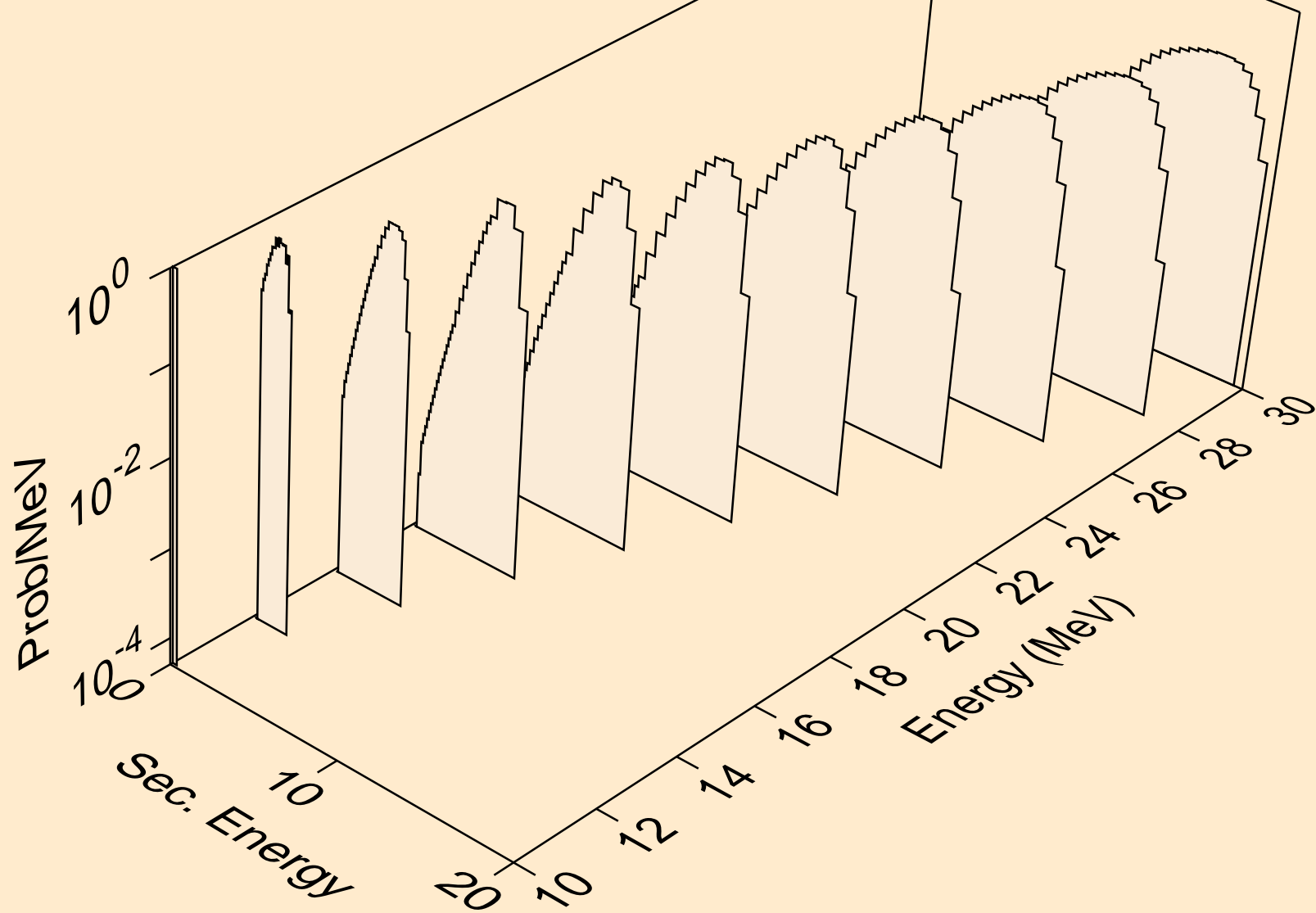
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protons from (s,pt)



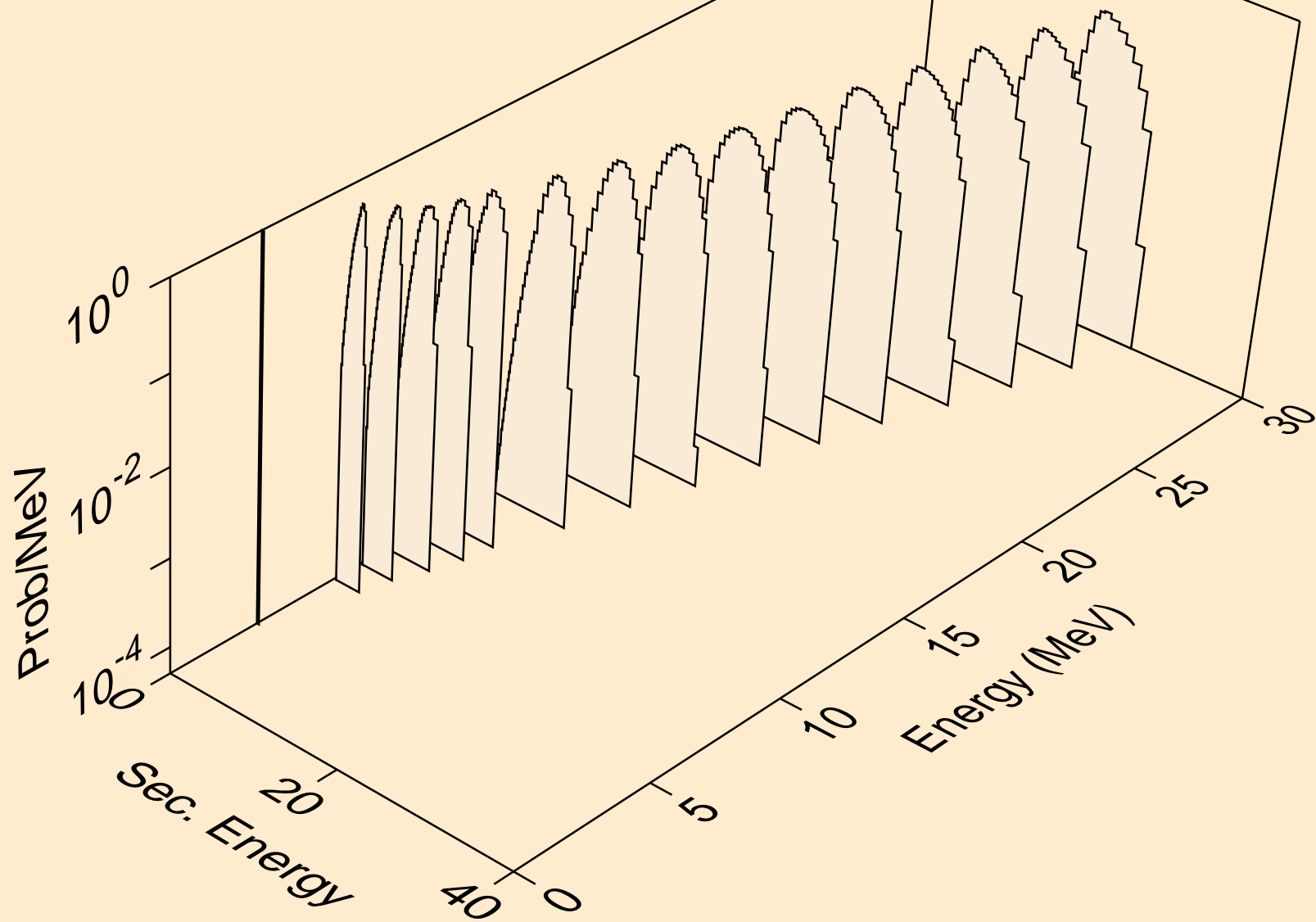
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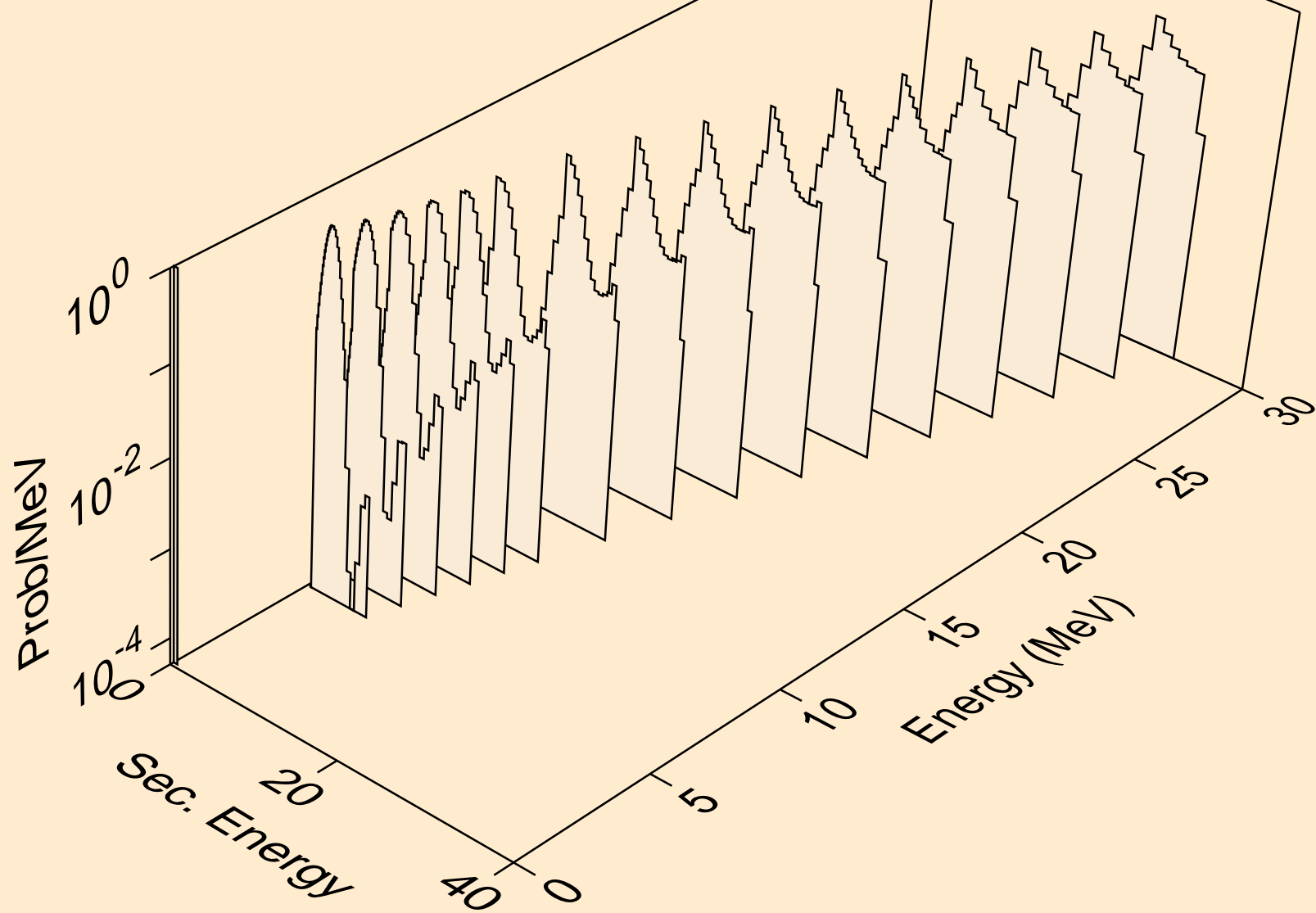
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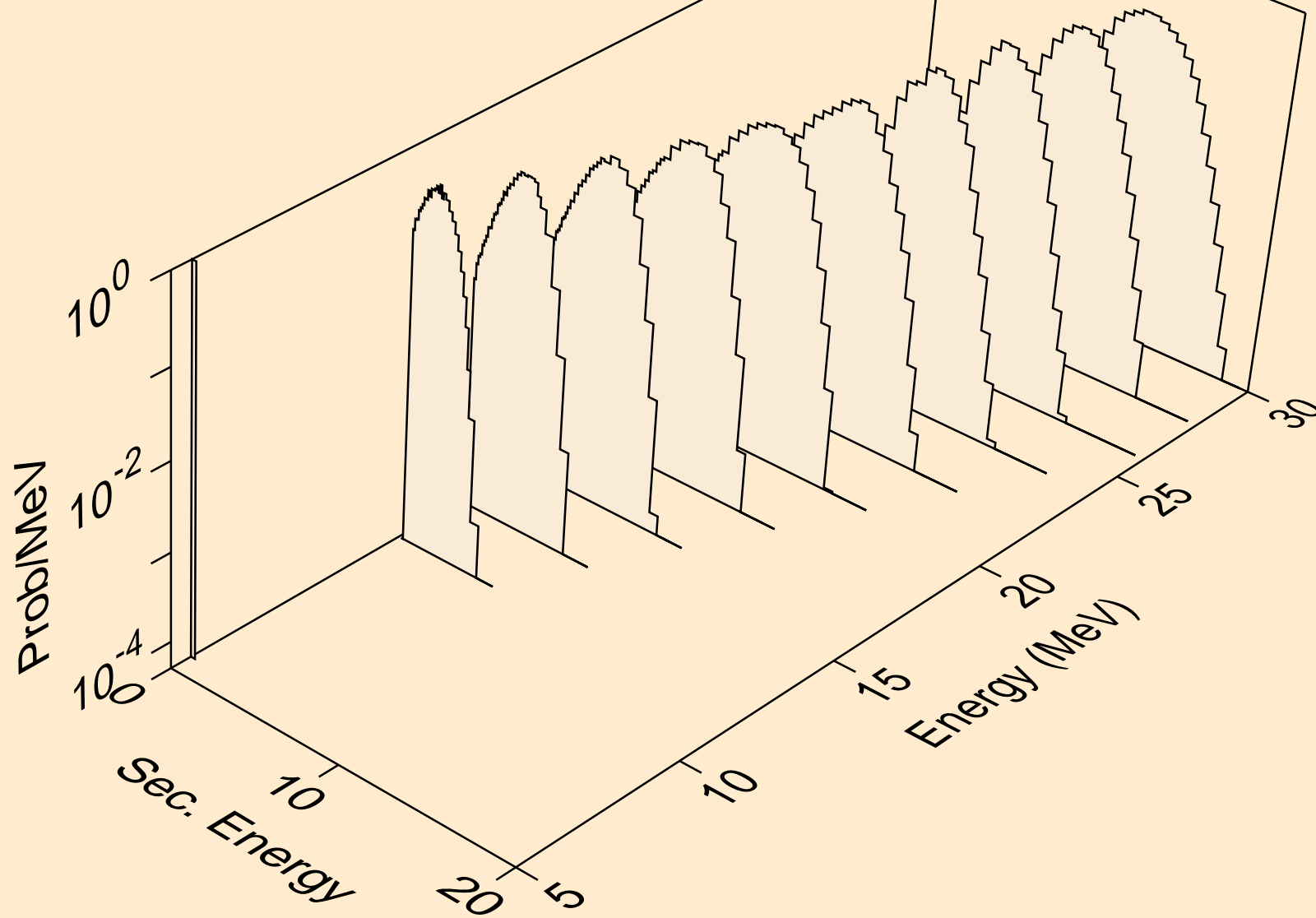
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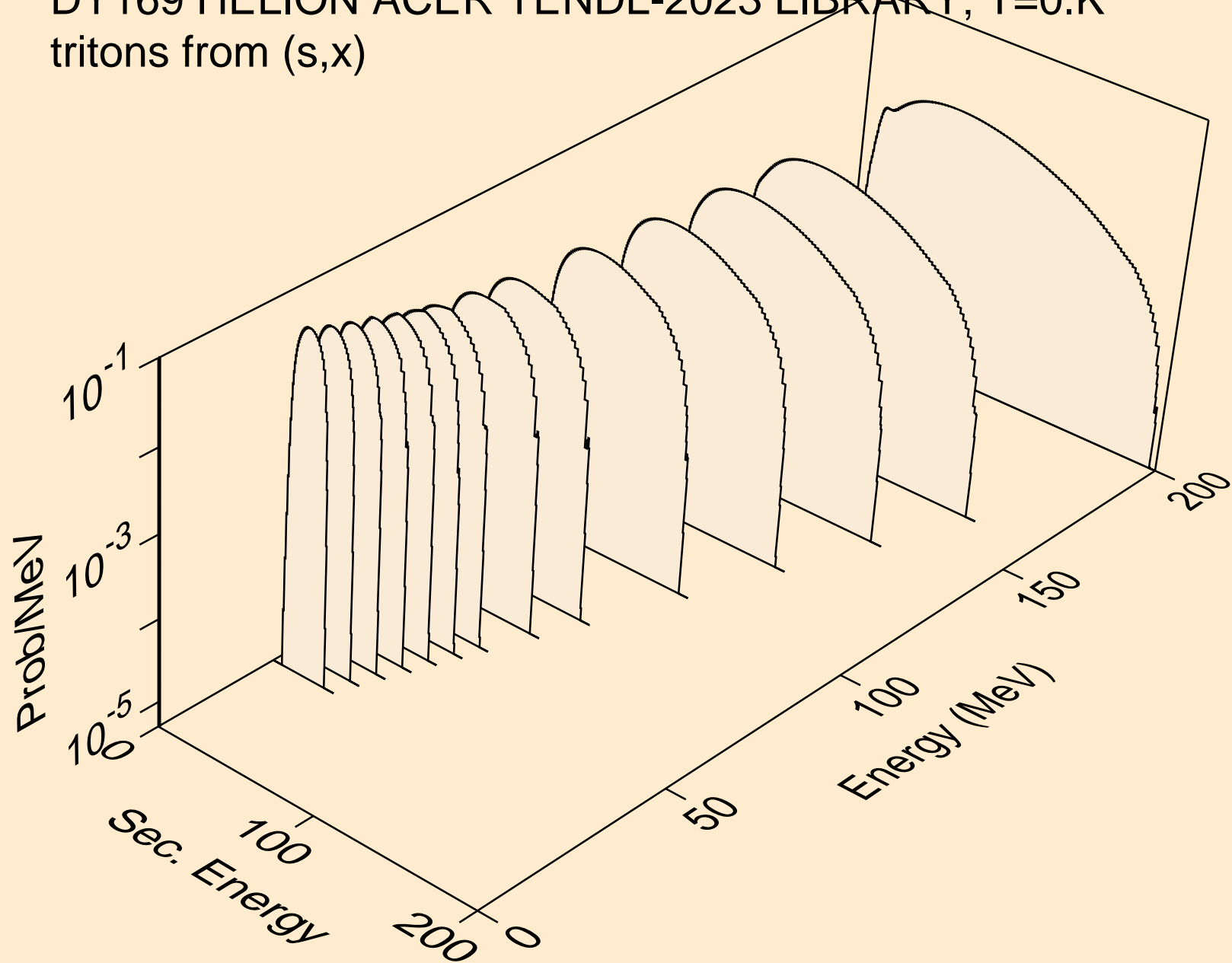
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DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,pd)

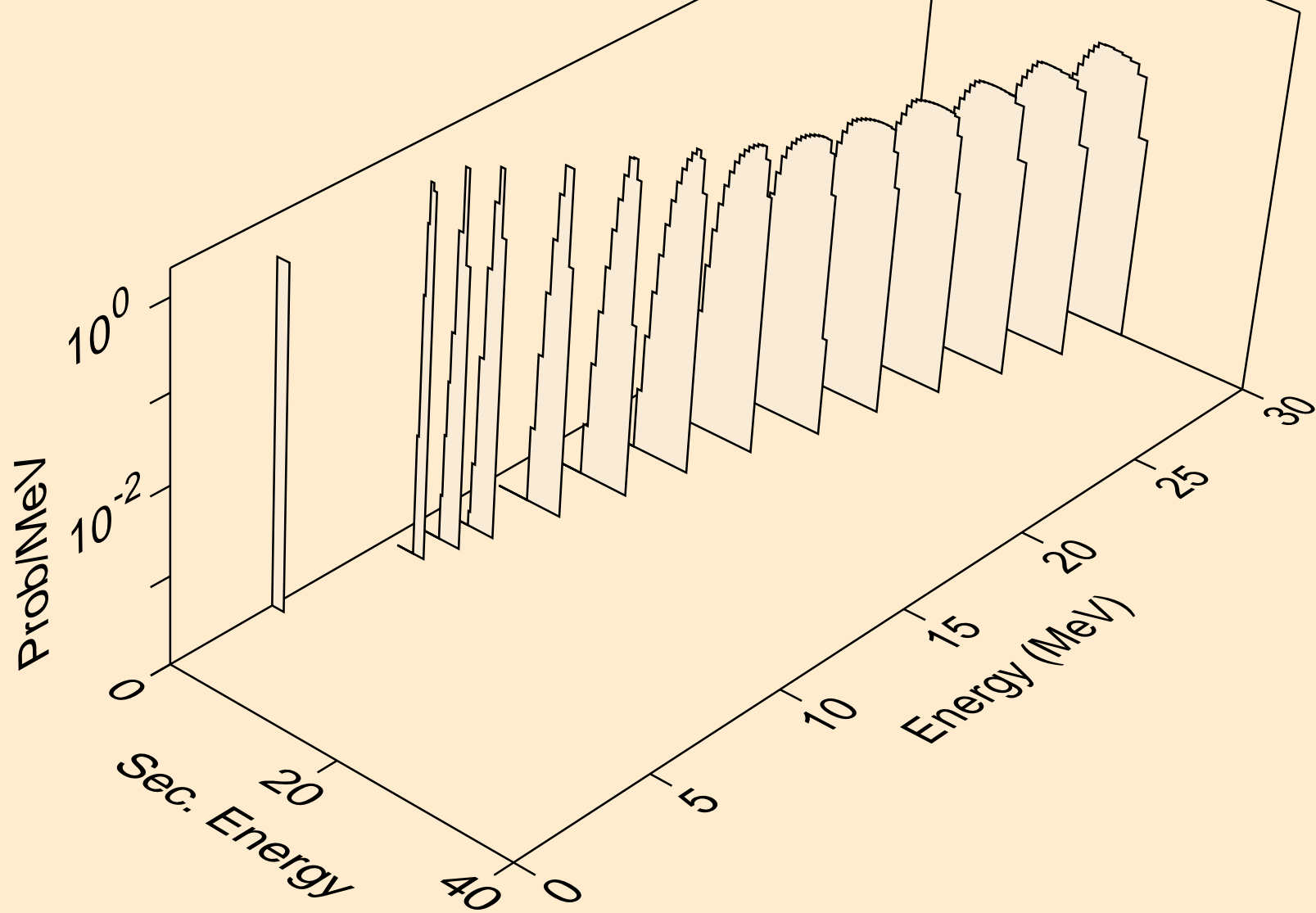


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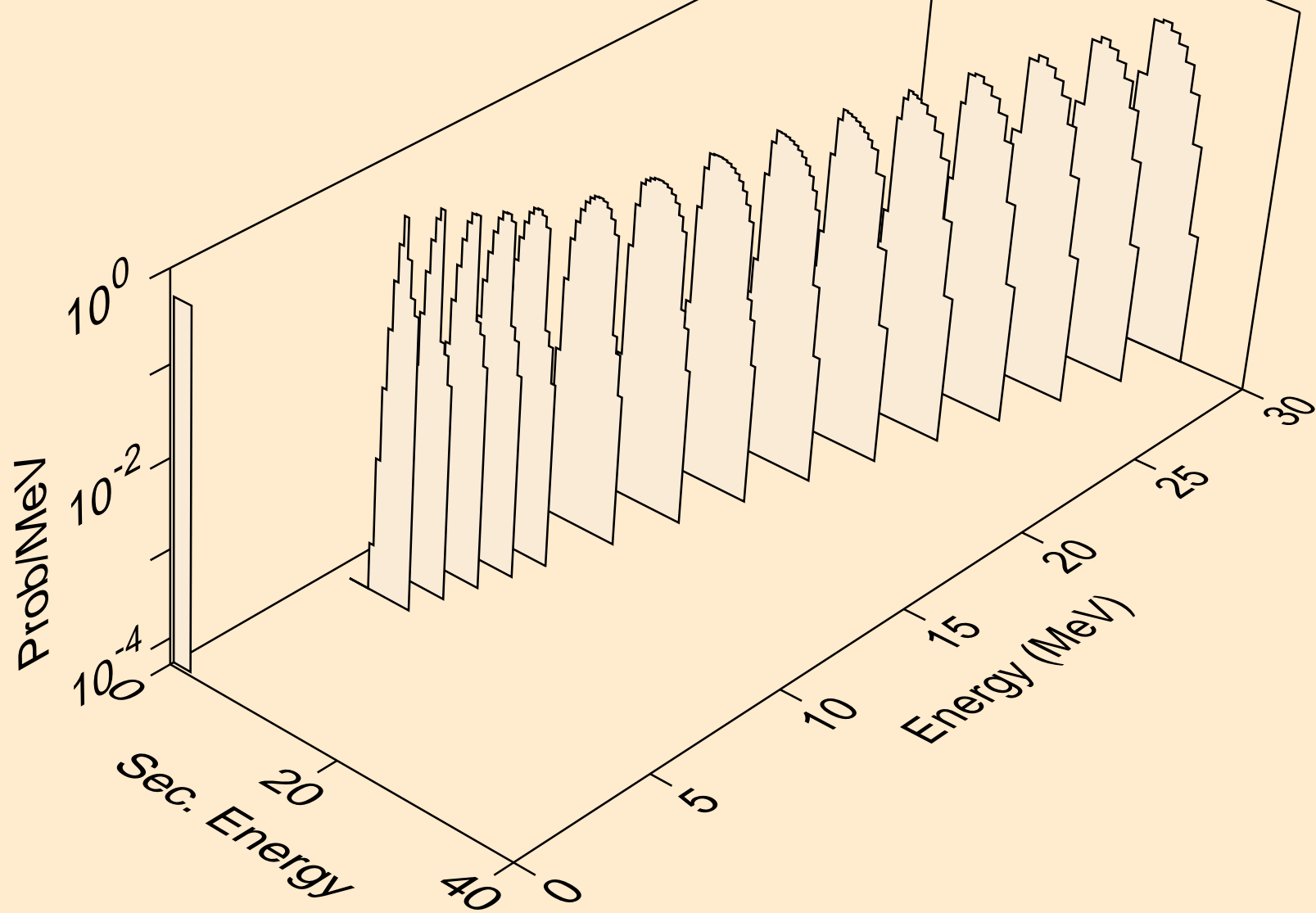




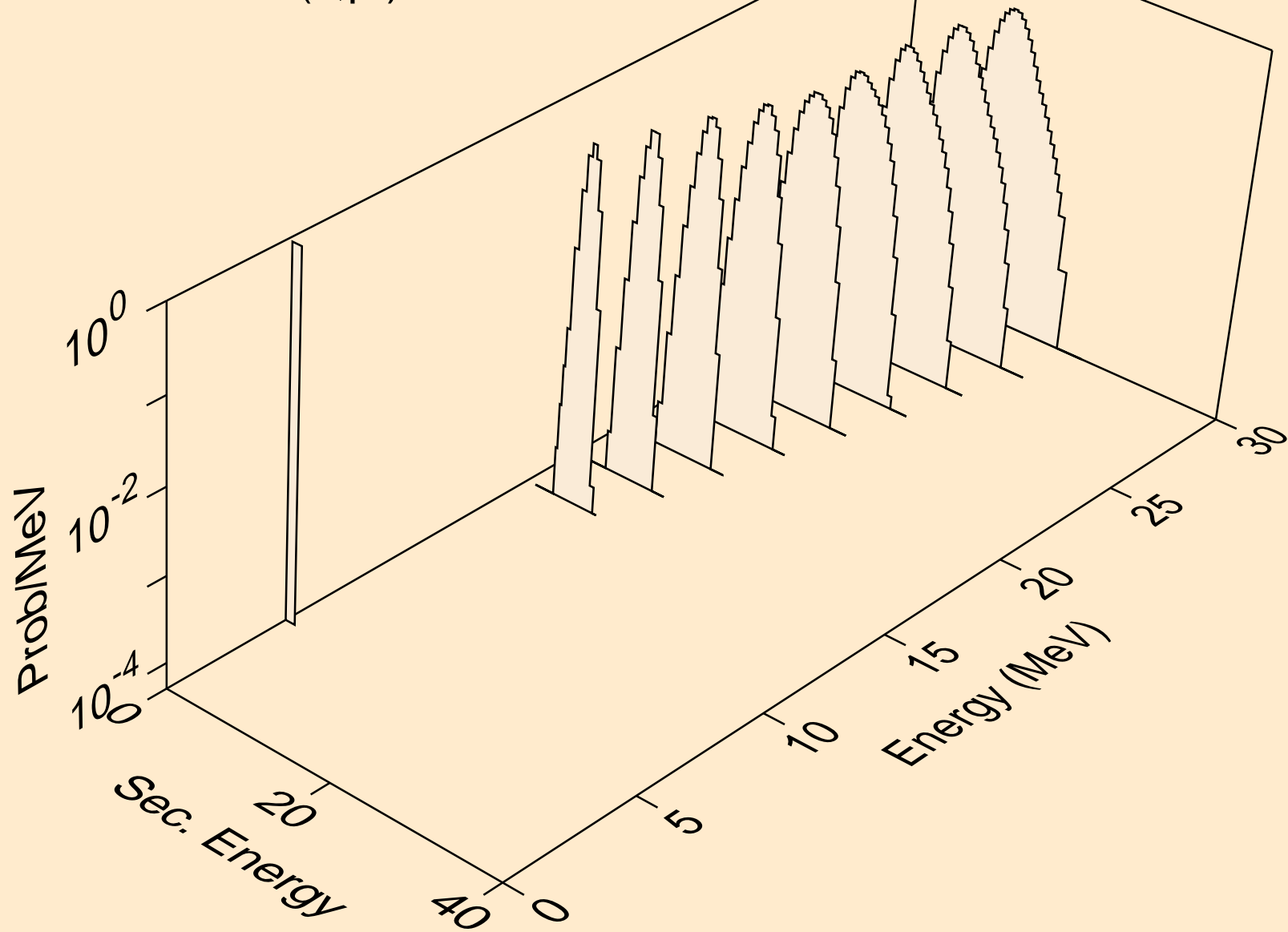
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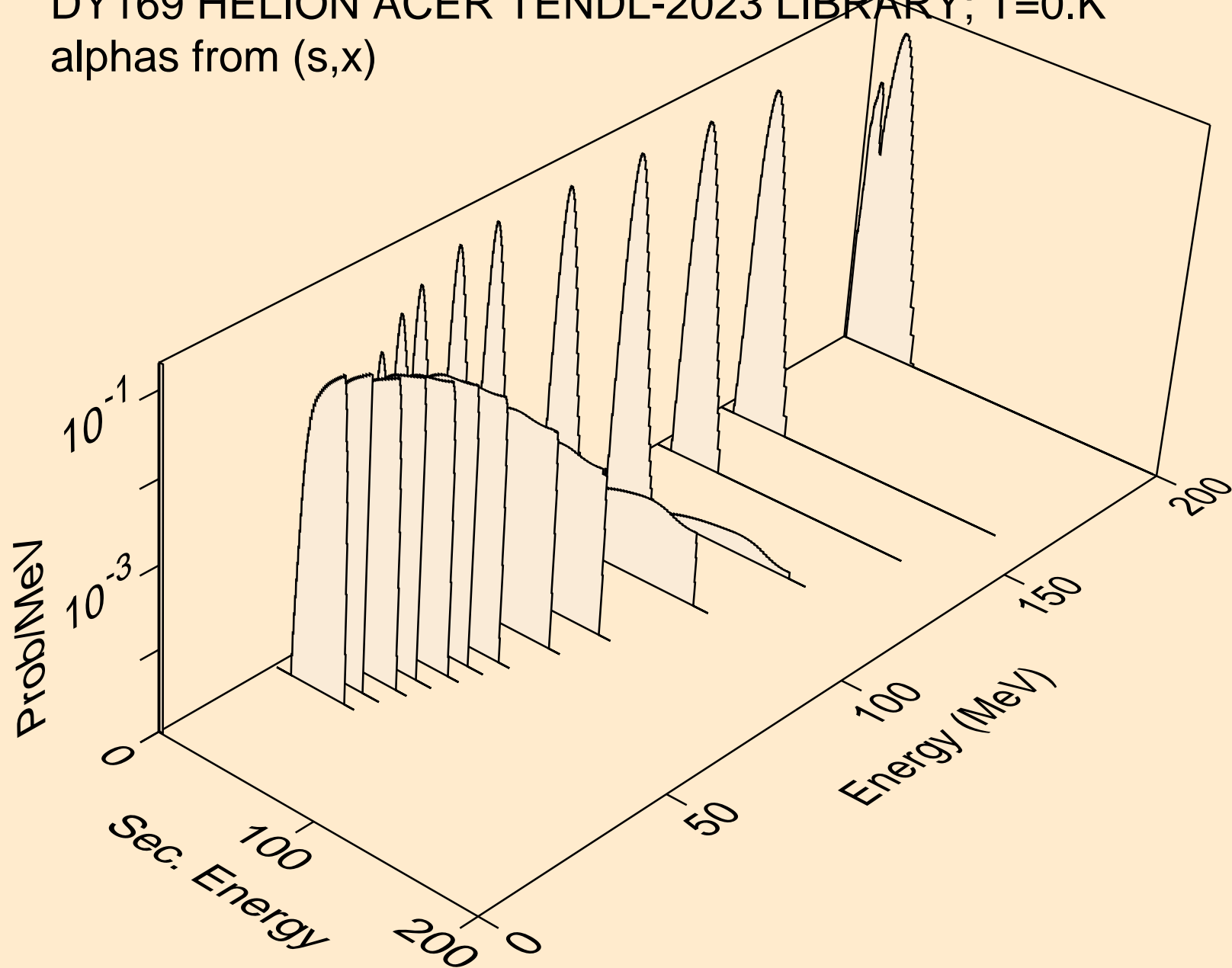
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tritons from (s,t)



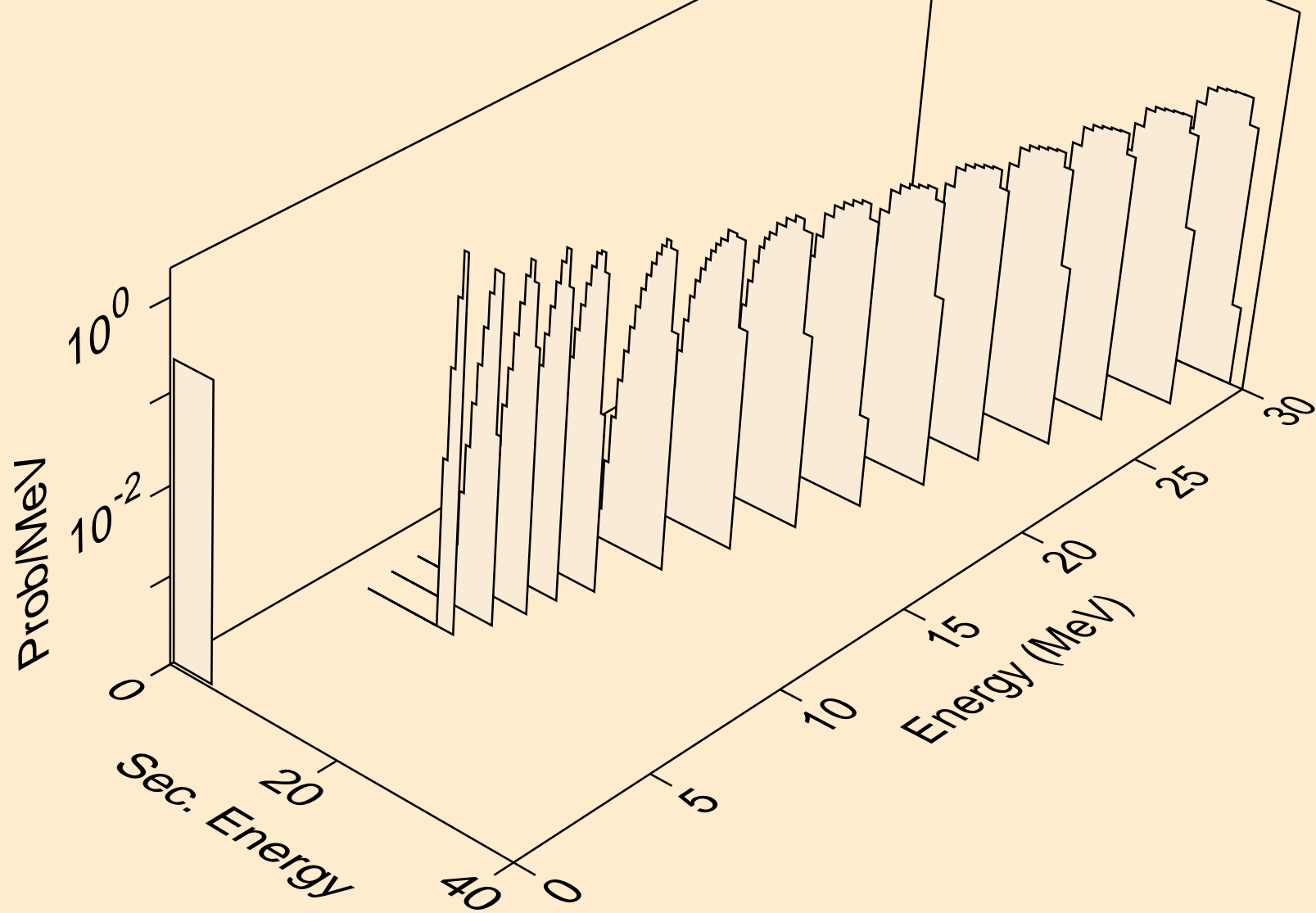
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tritons from (s,pt)



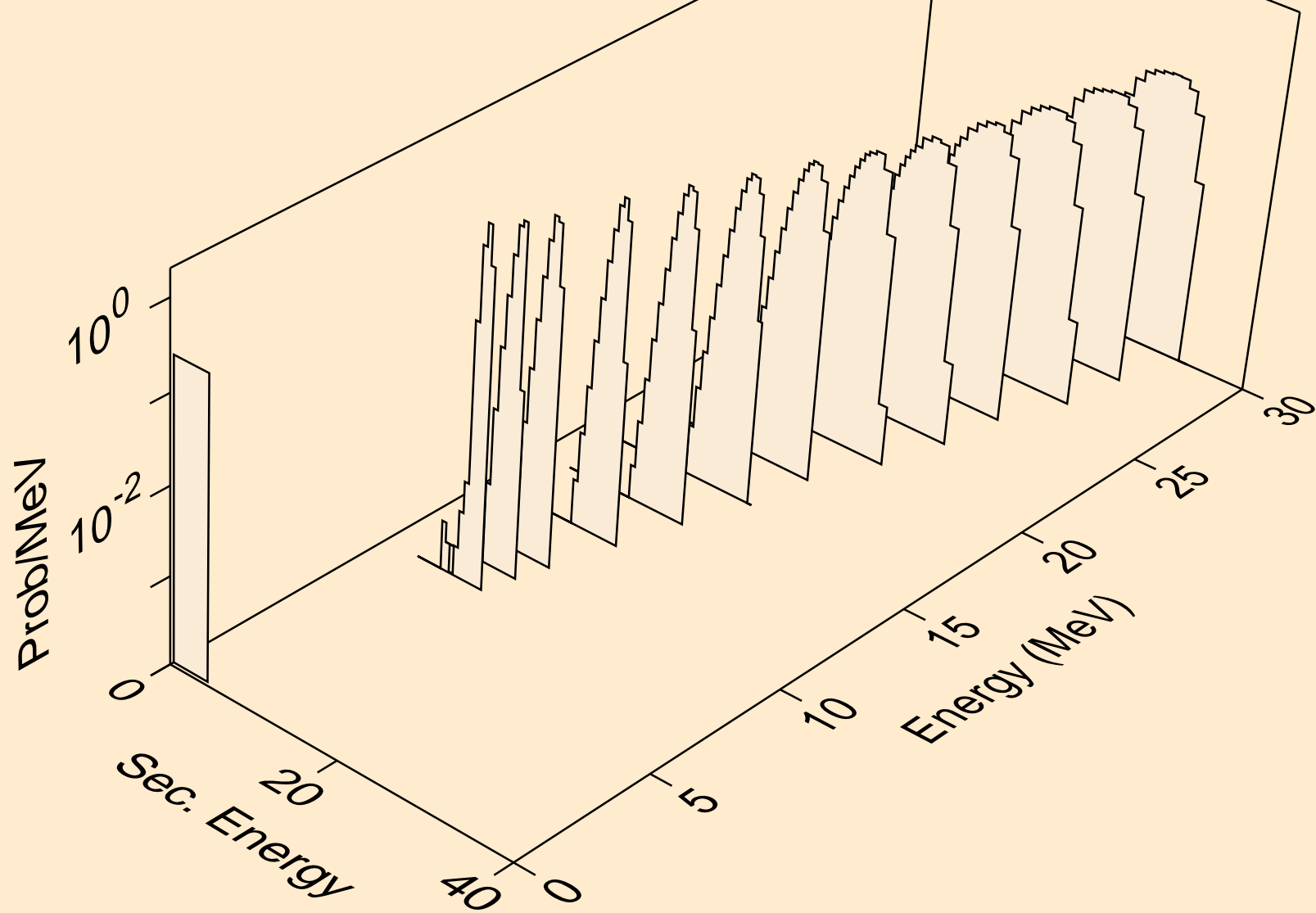
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alphas from (s,x)



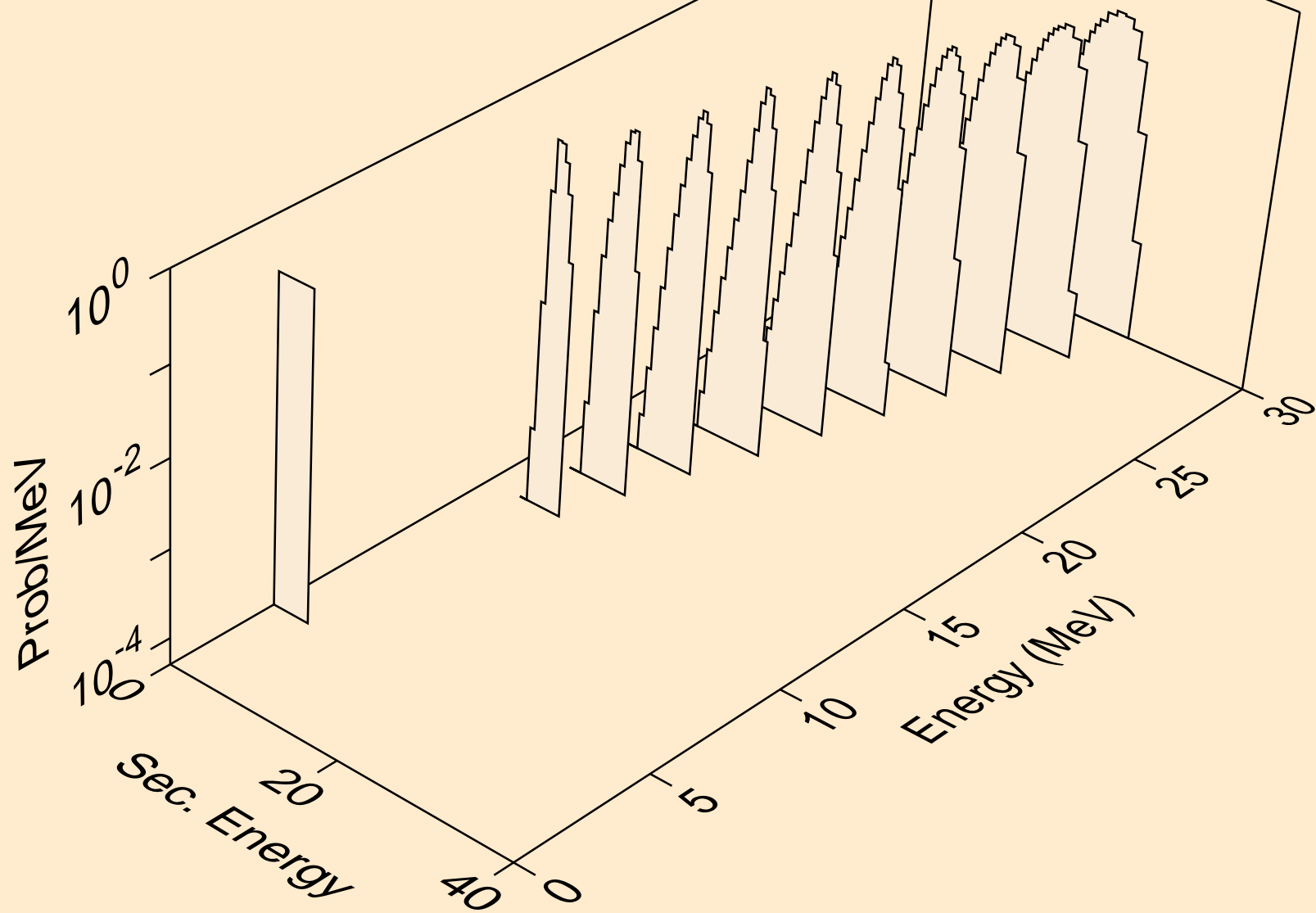
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alphas from (s,n\*)a



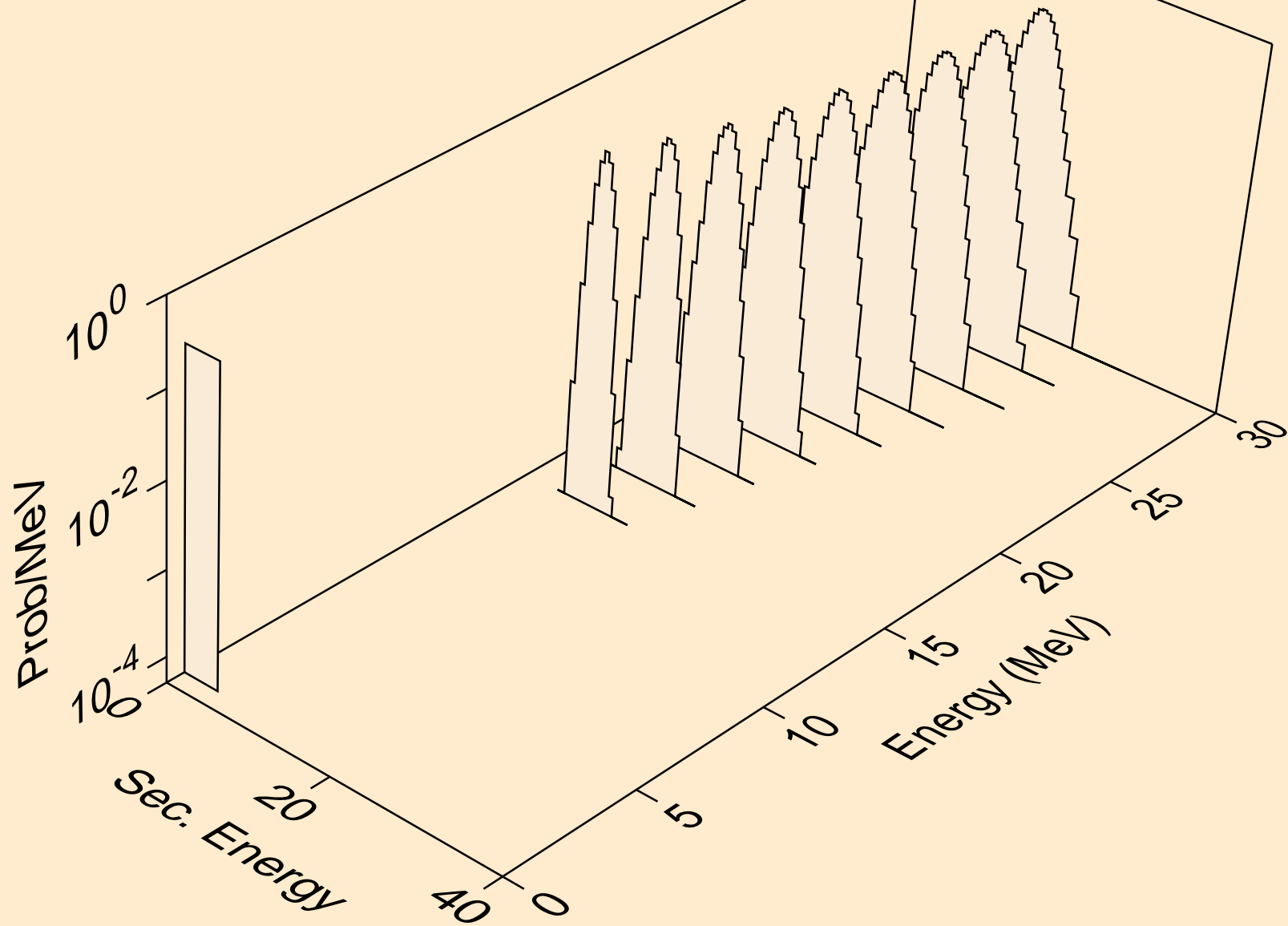
DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,3n)a

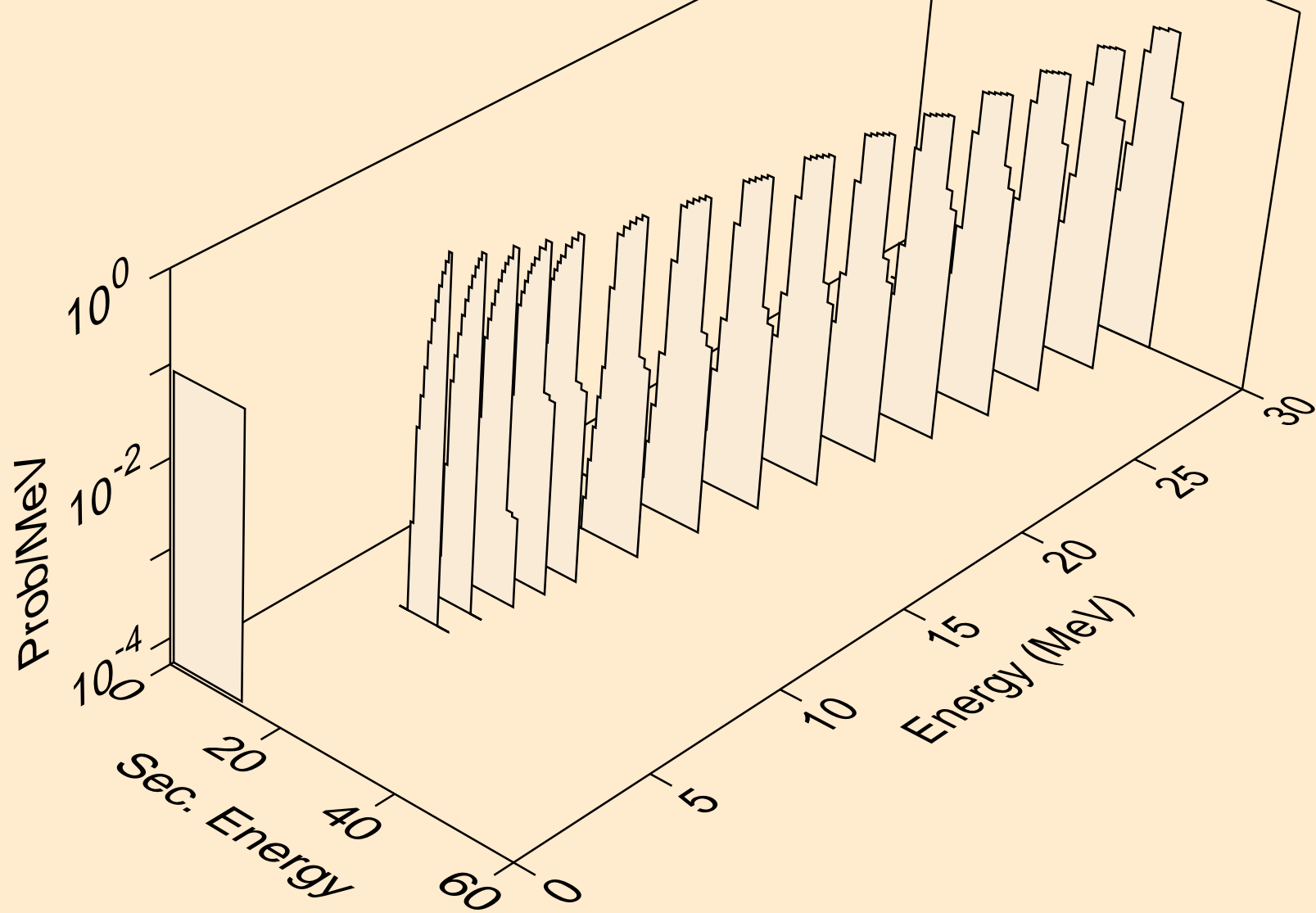


DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,npa)





DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



DY169 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)

