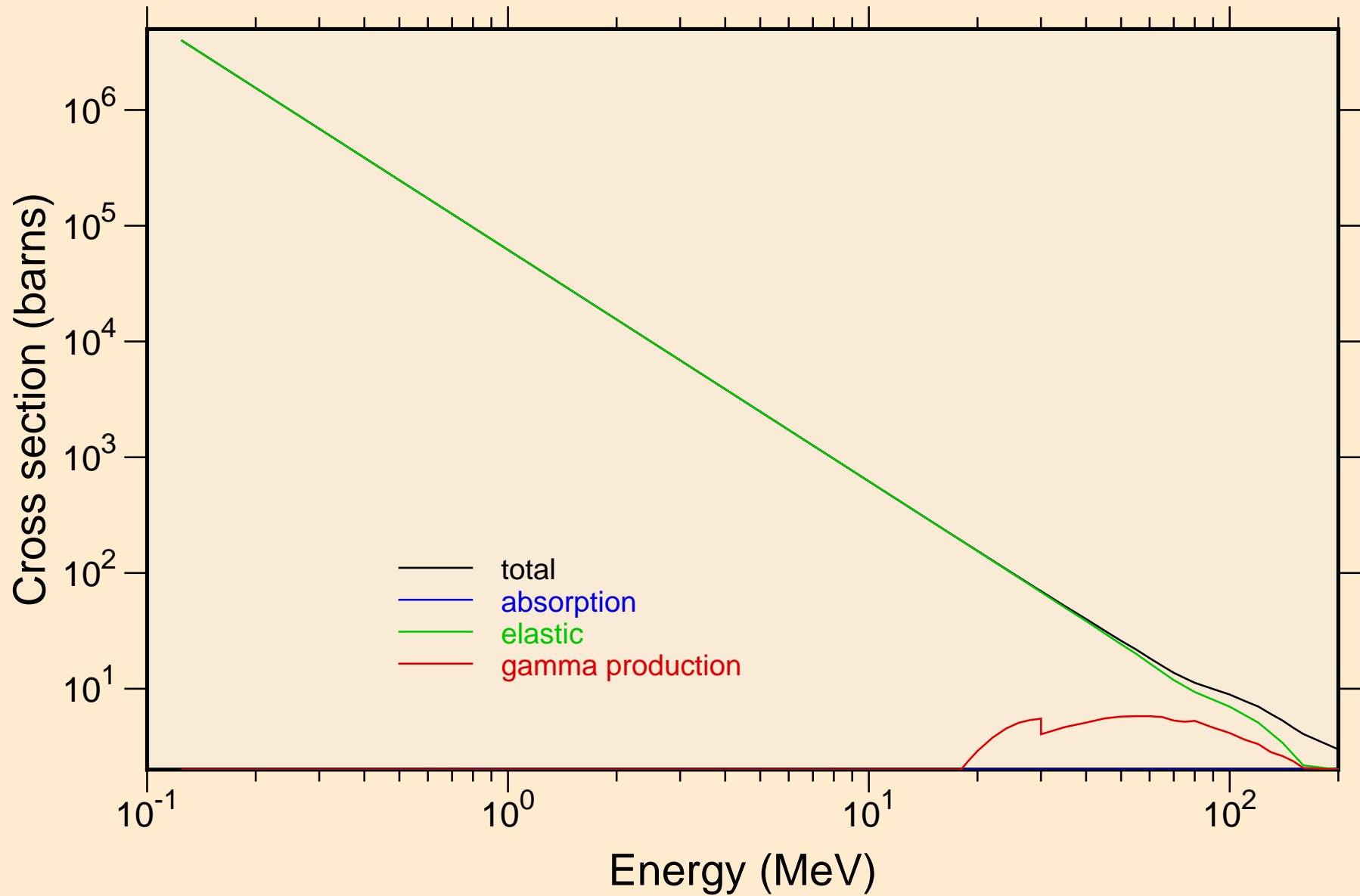
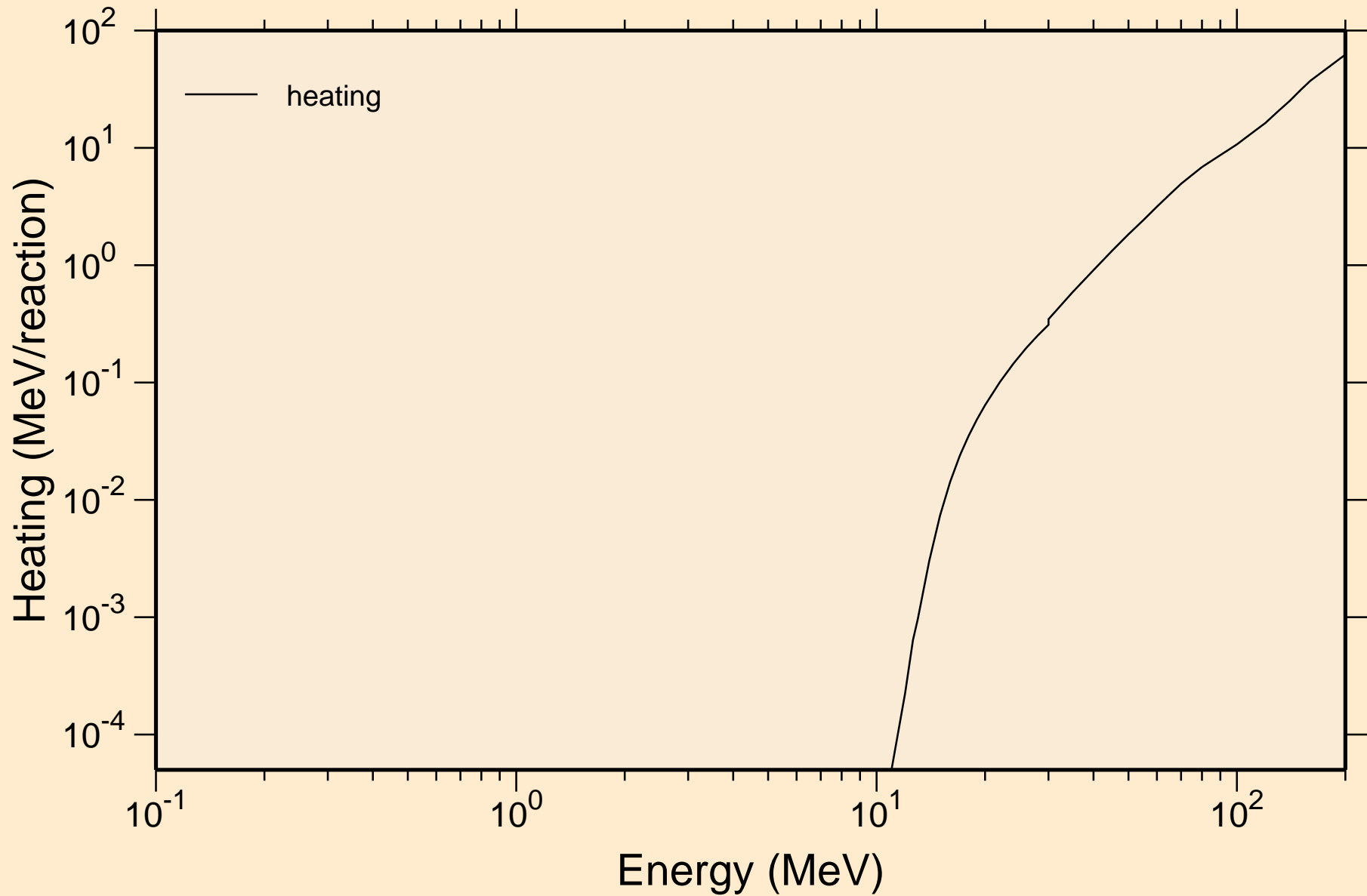


IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



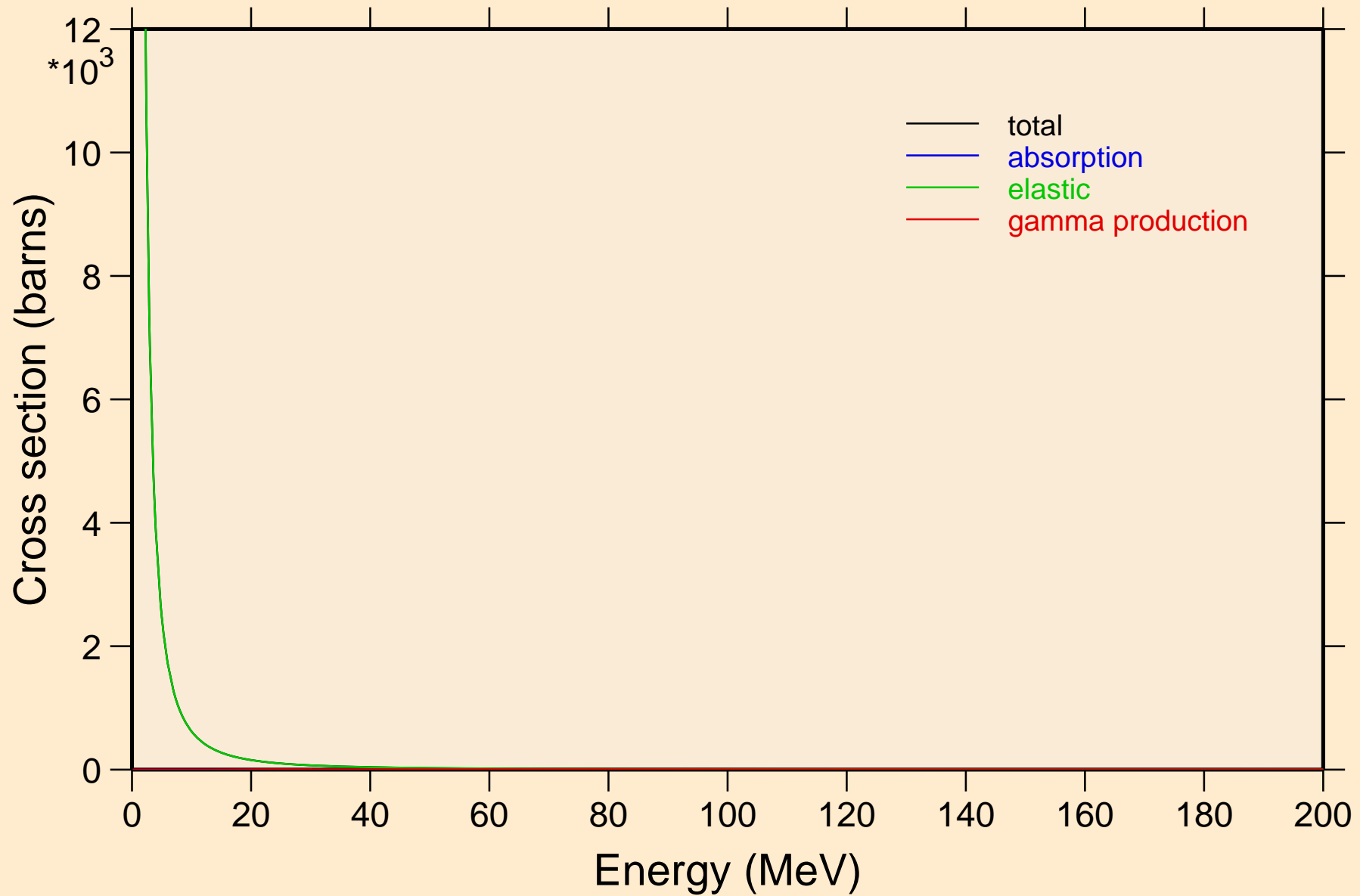
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



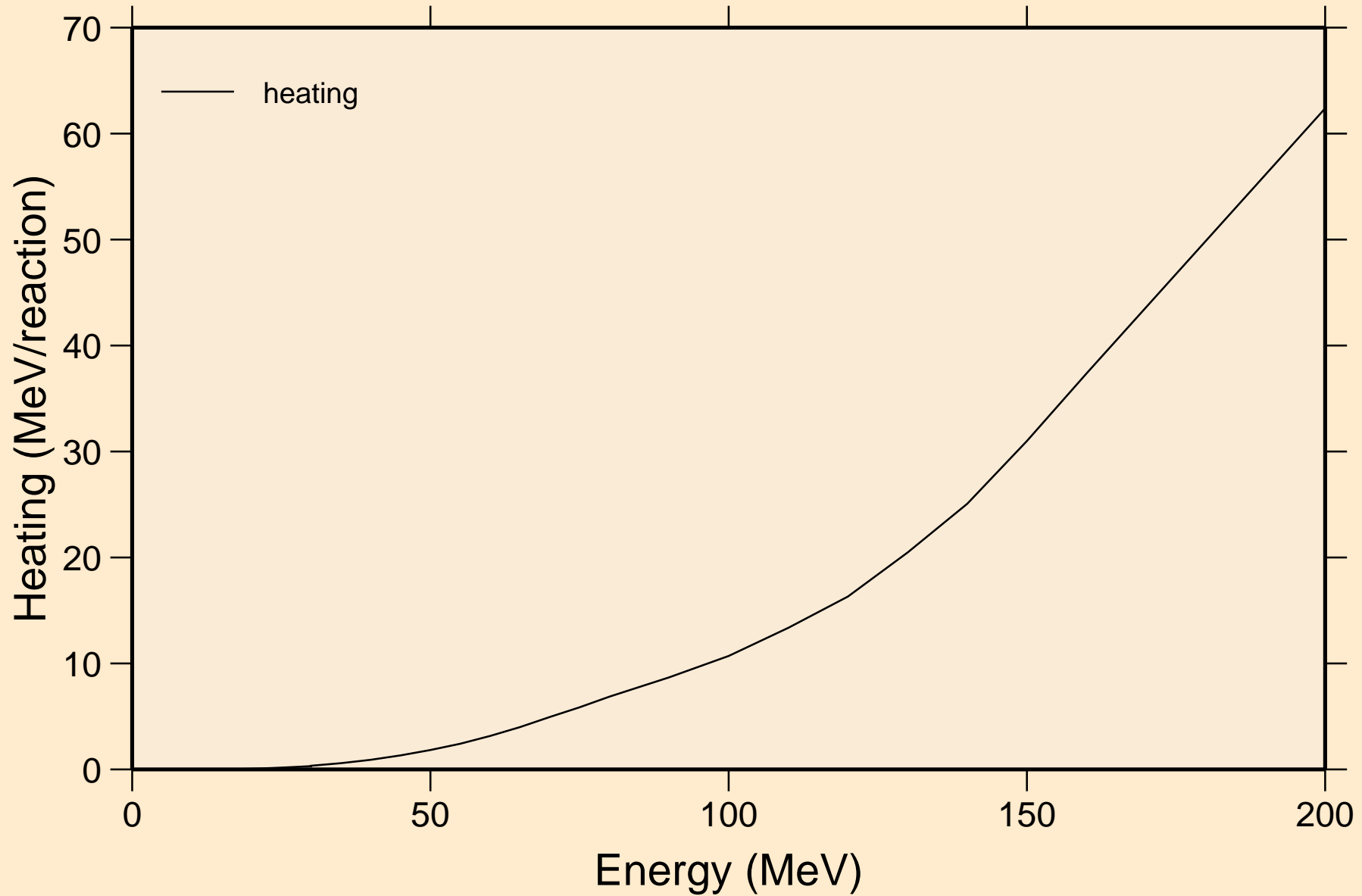
# IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

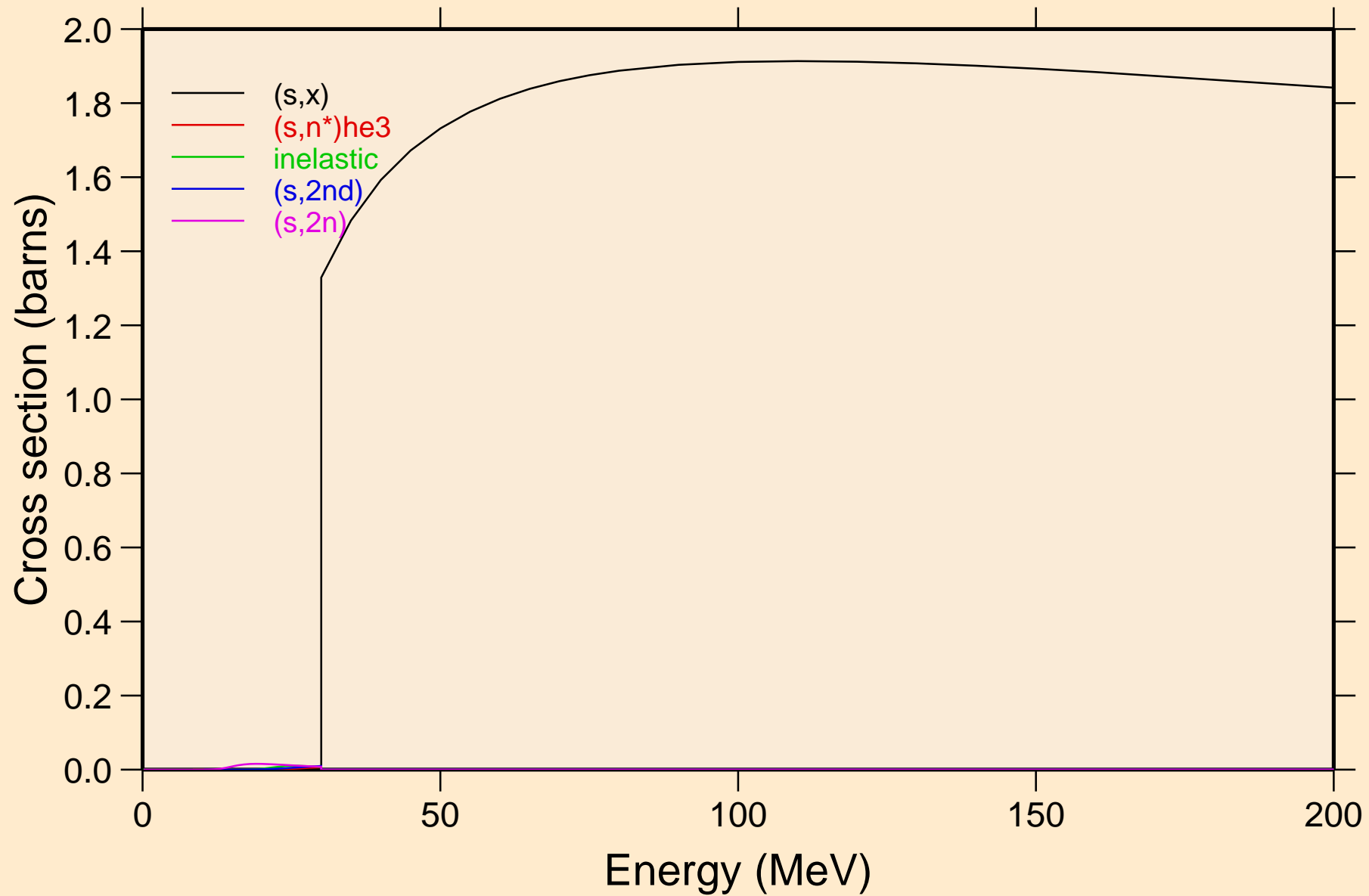


IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K

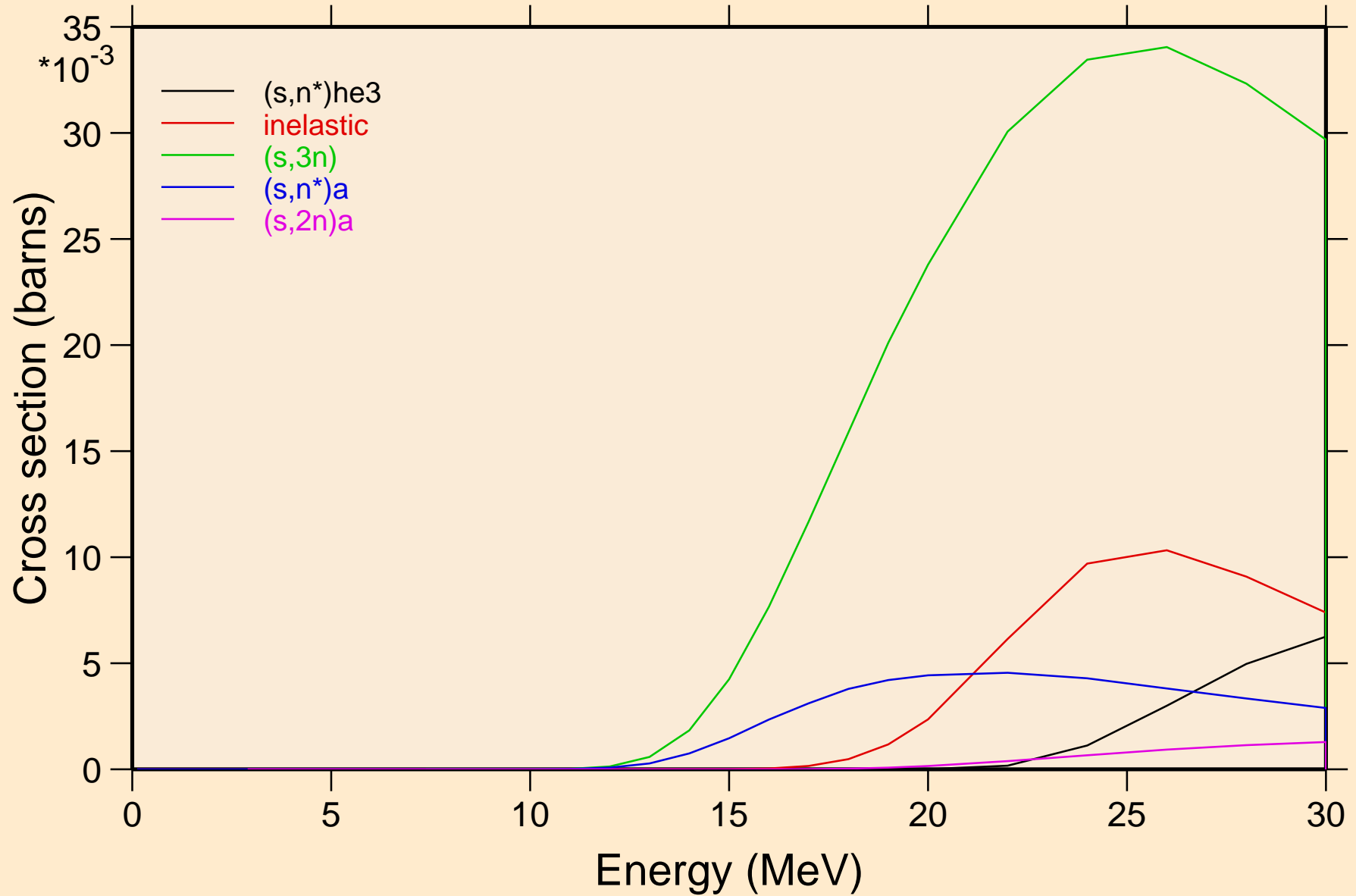
Heating



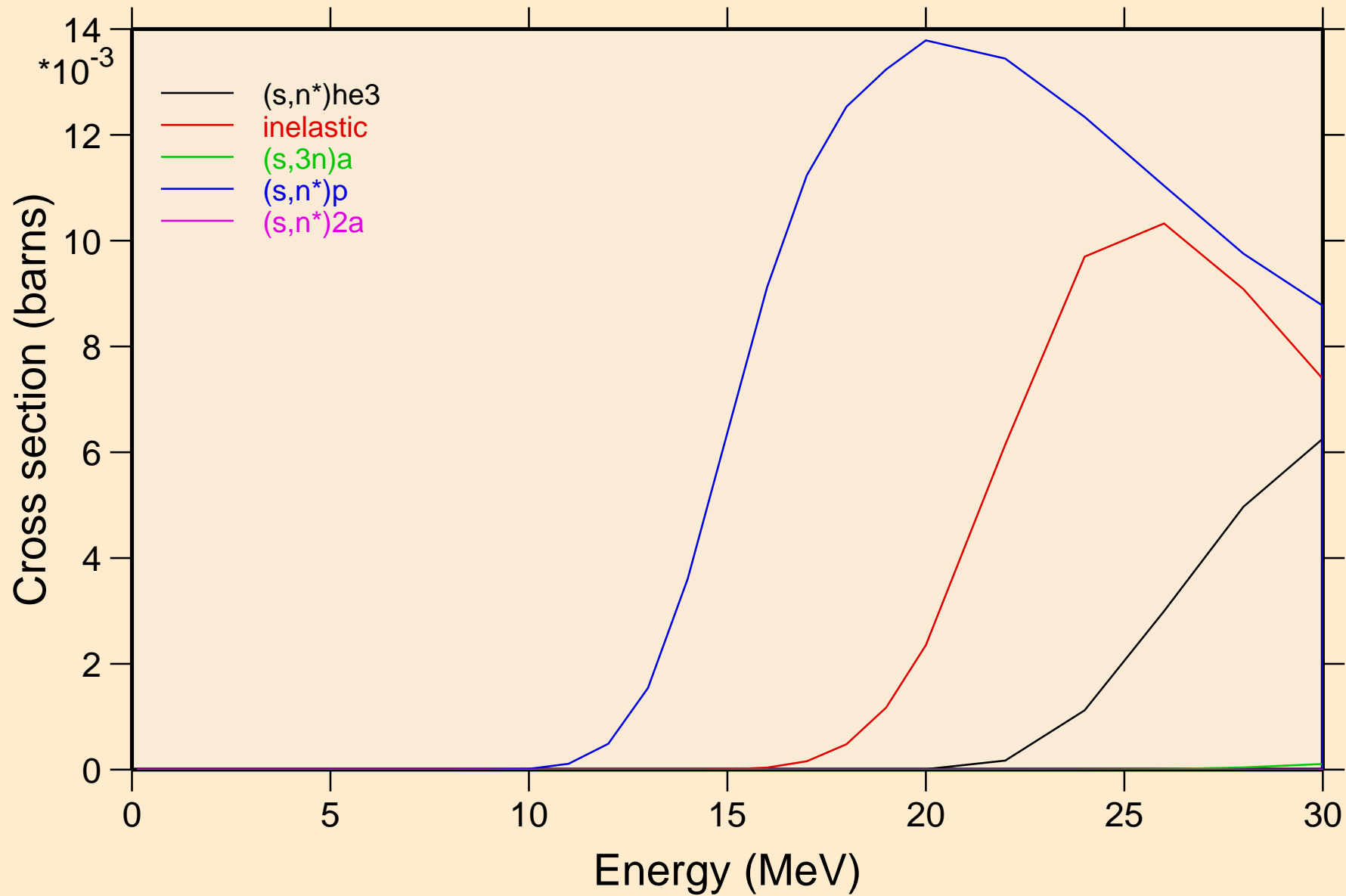
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



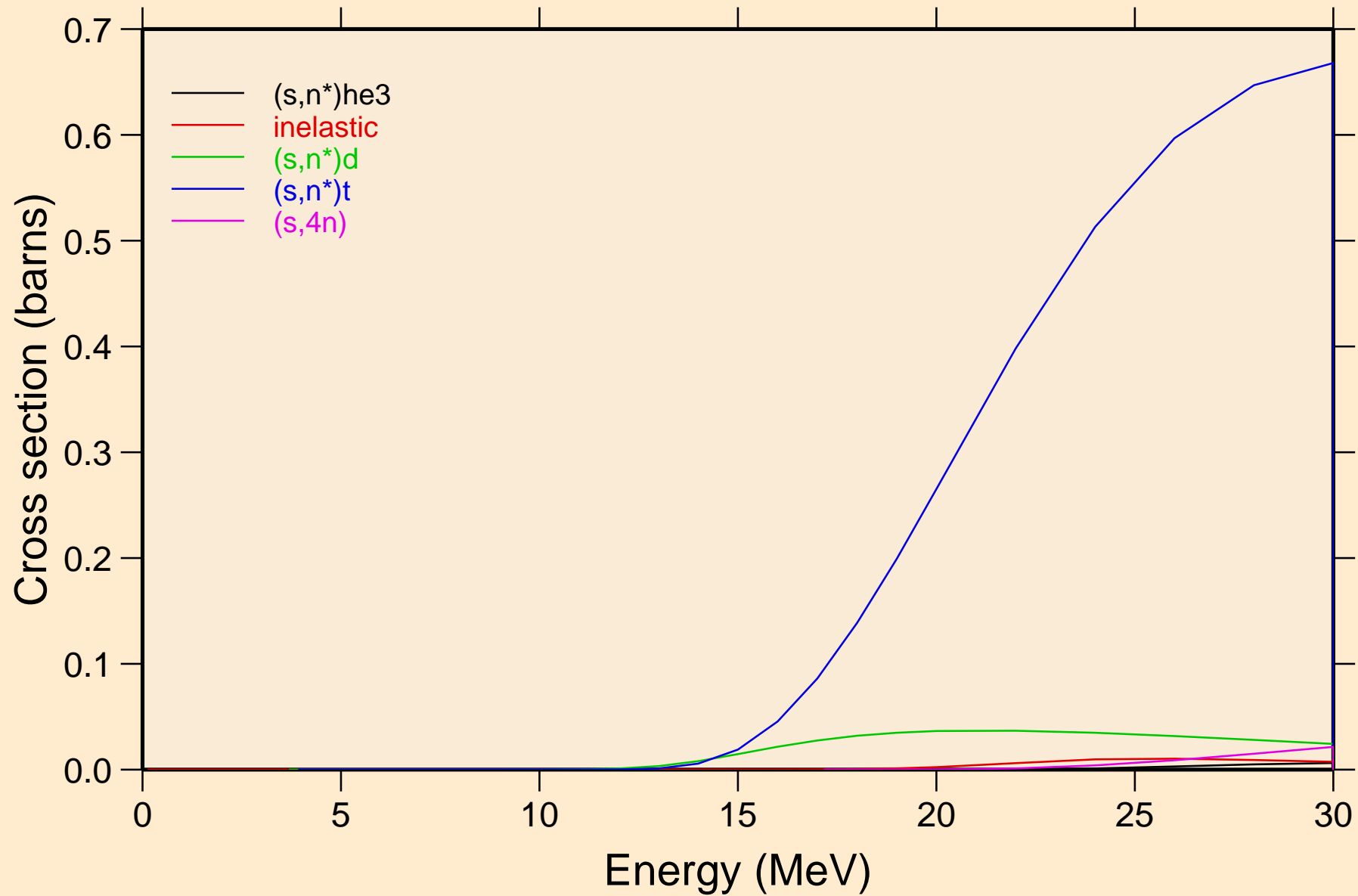
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

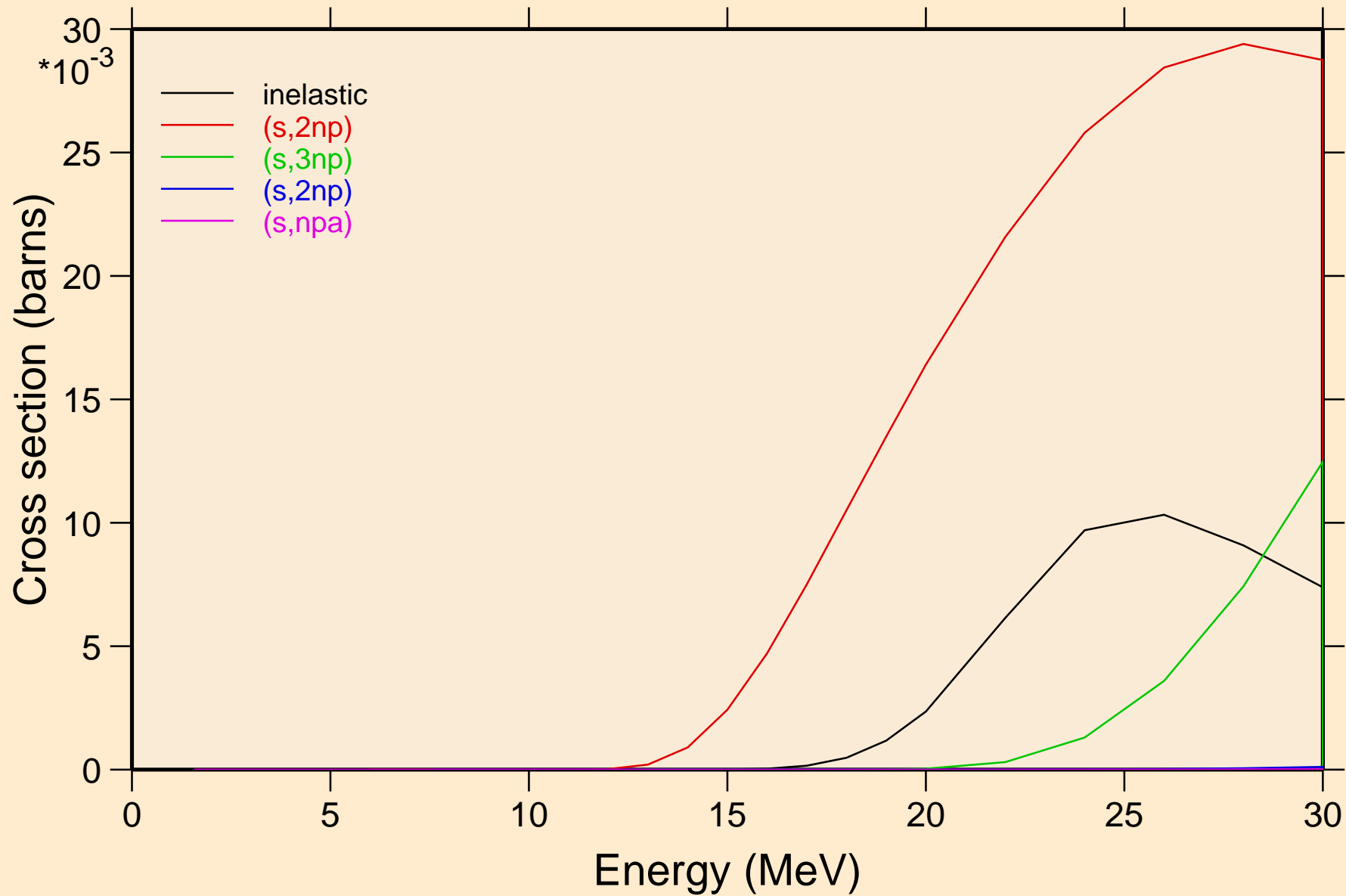


IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

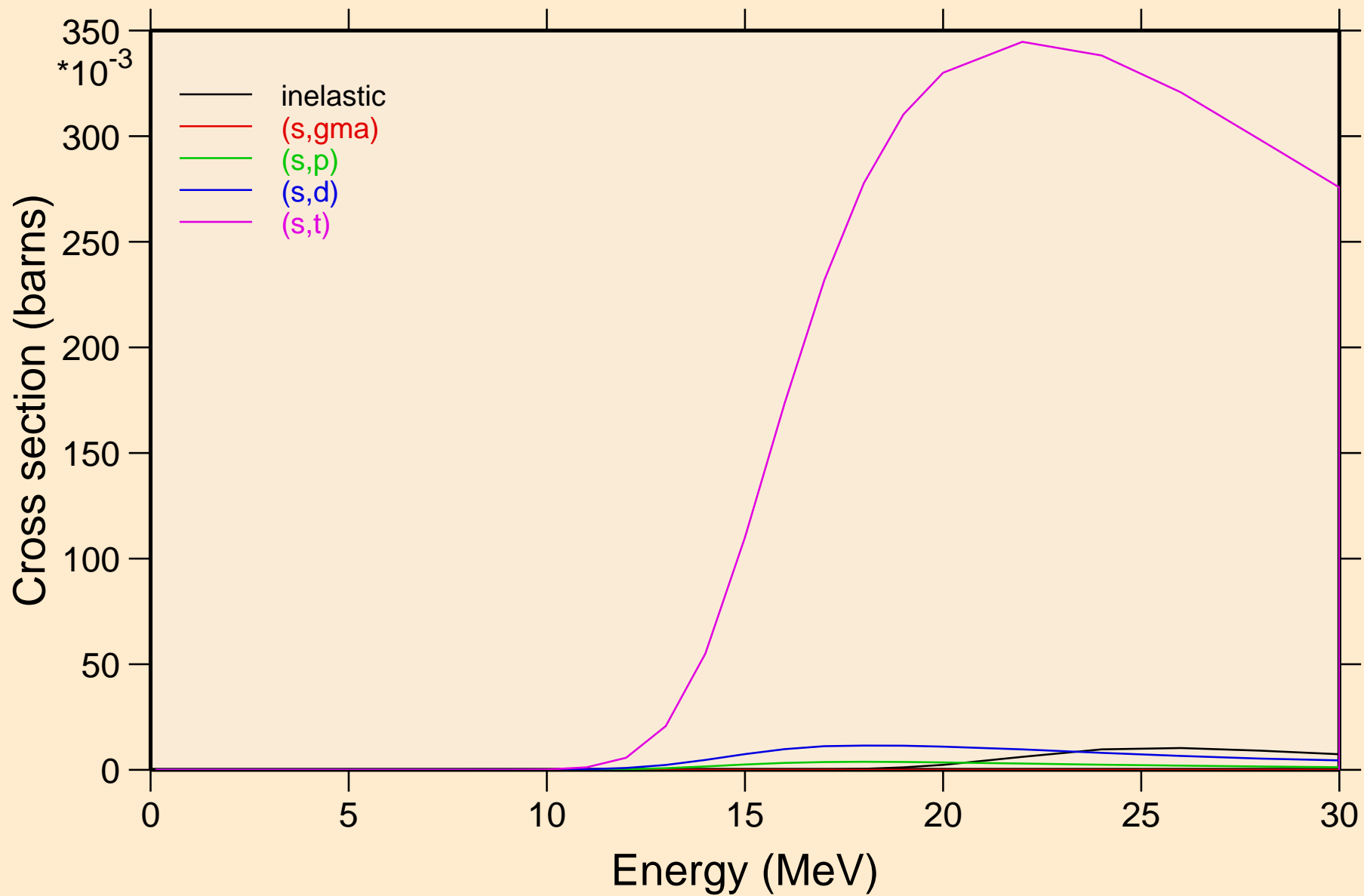




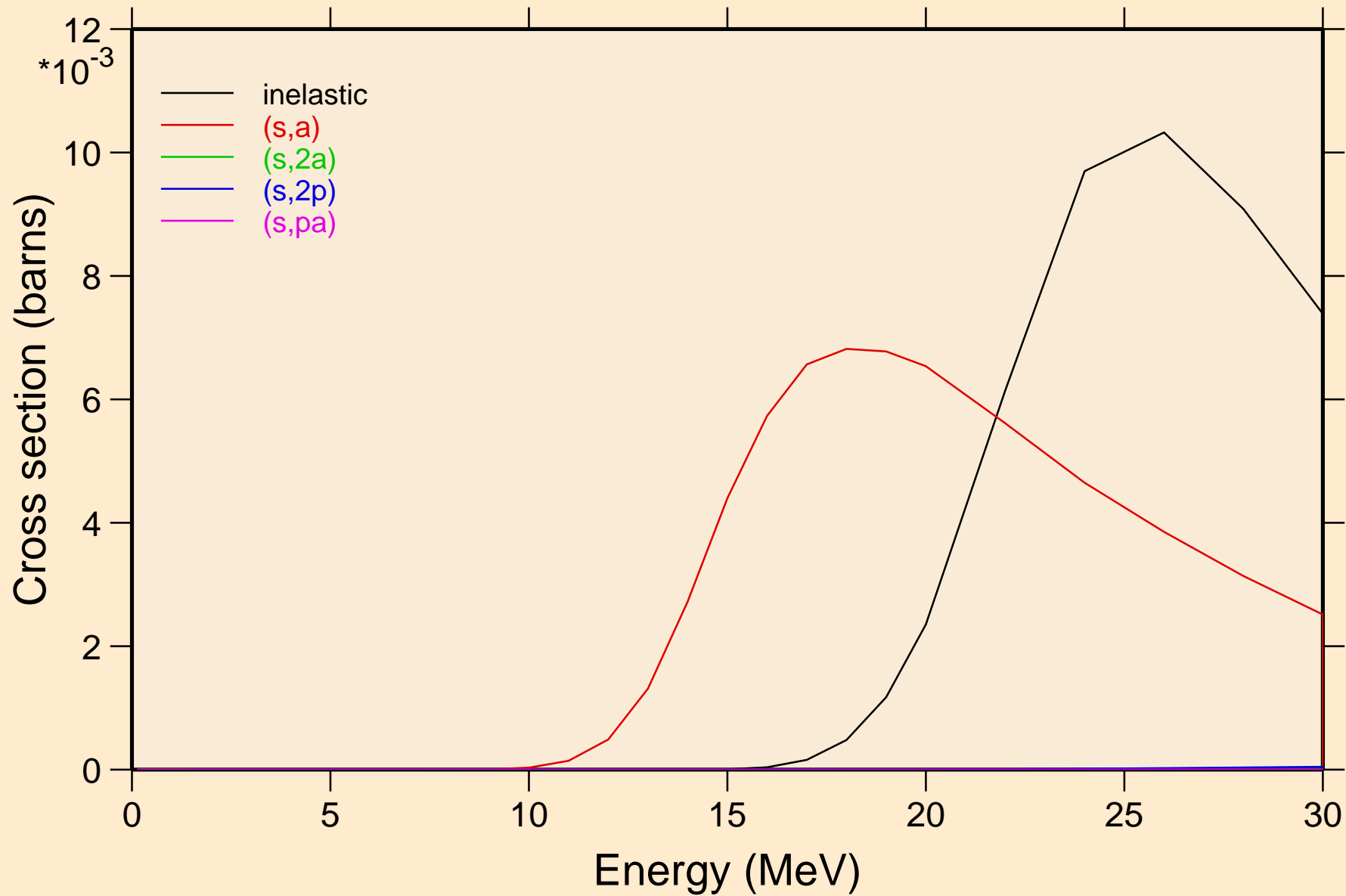
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Threshold reactions



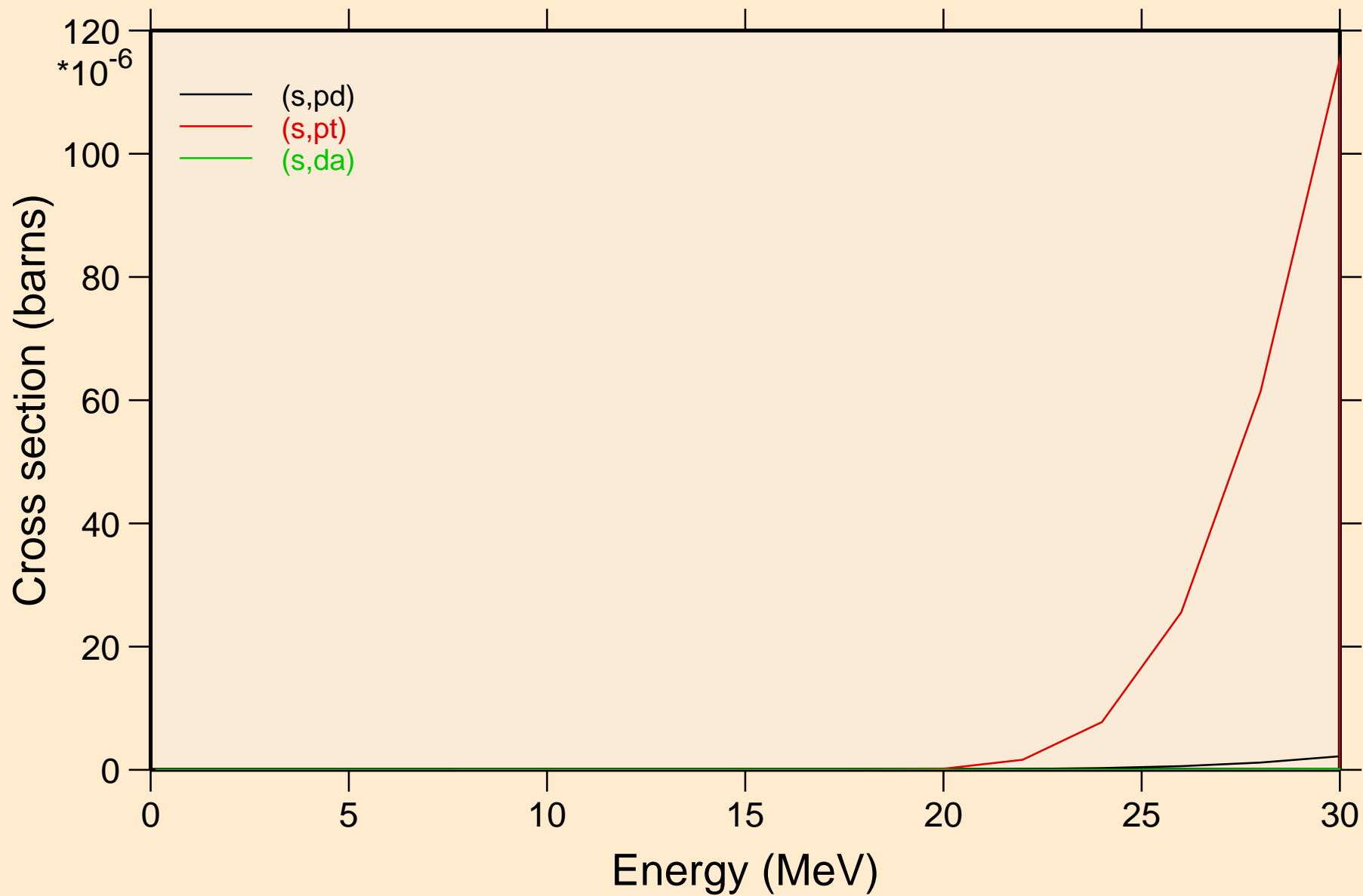
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



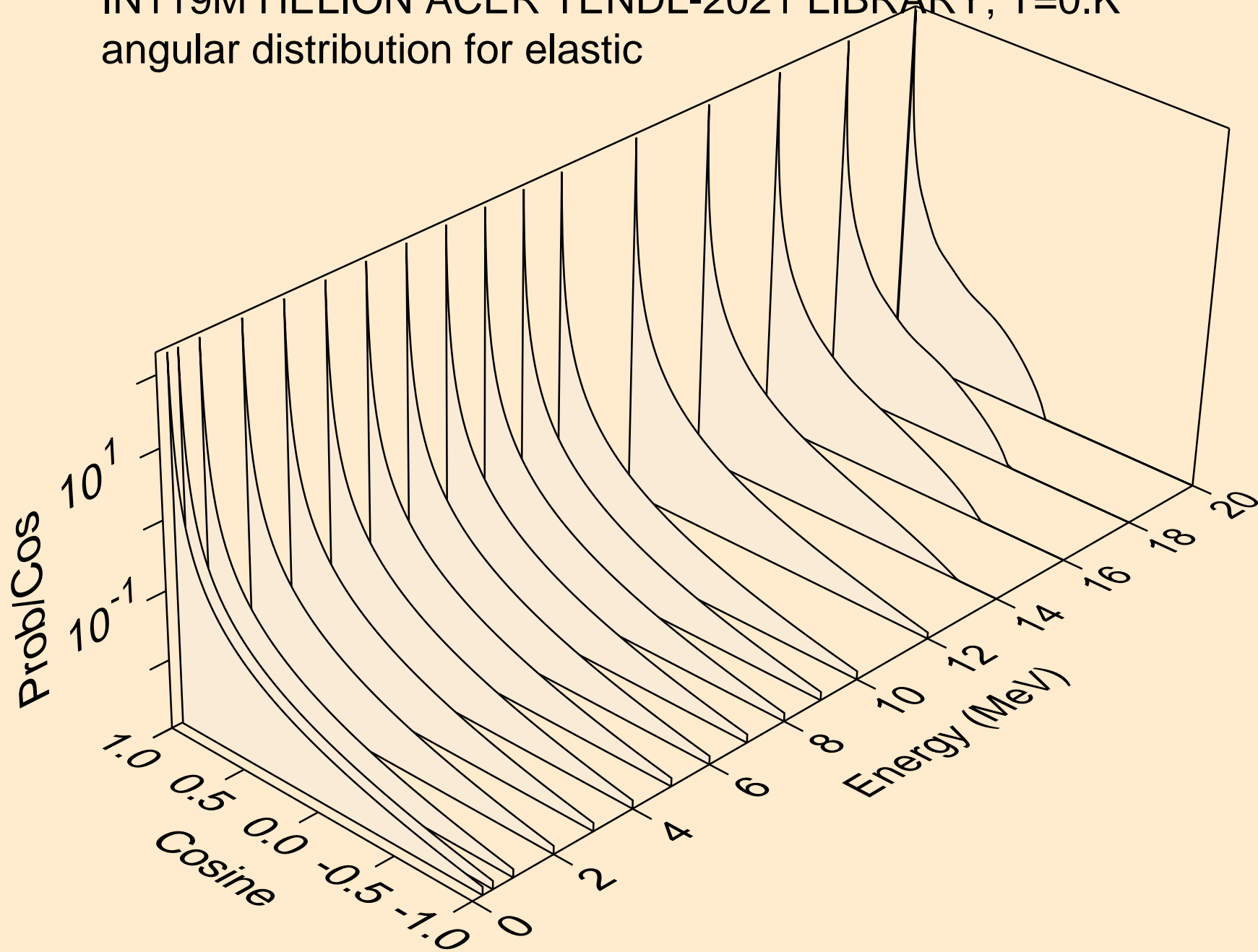
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Threshold reactions



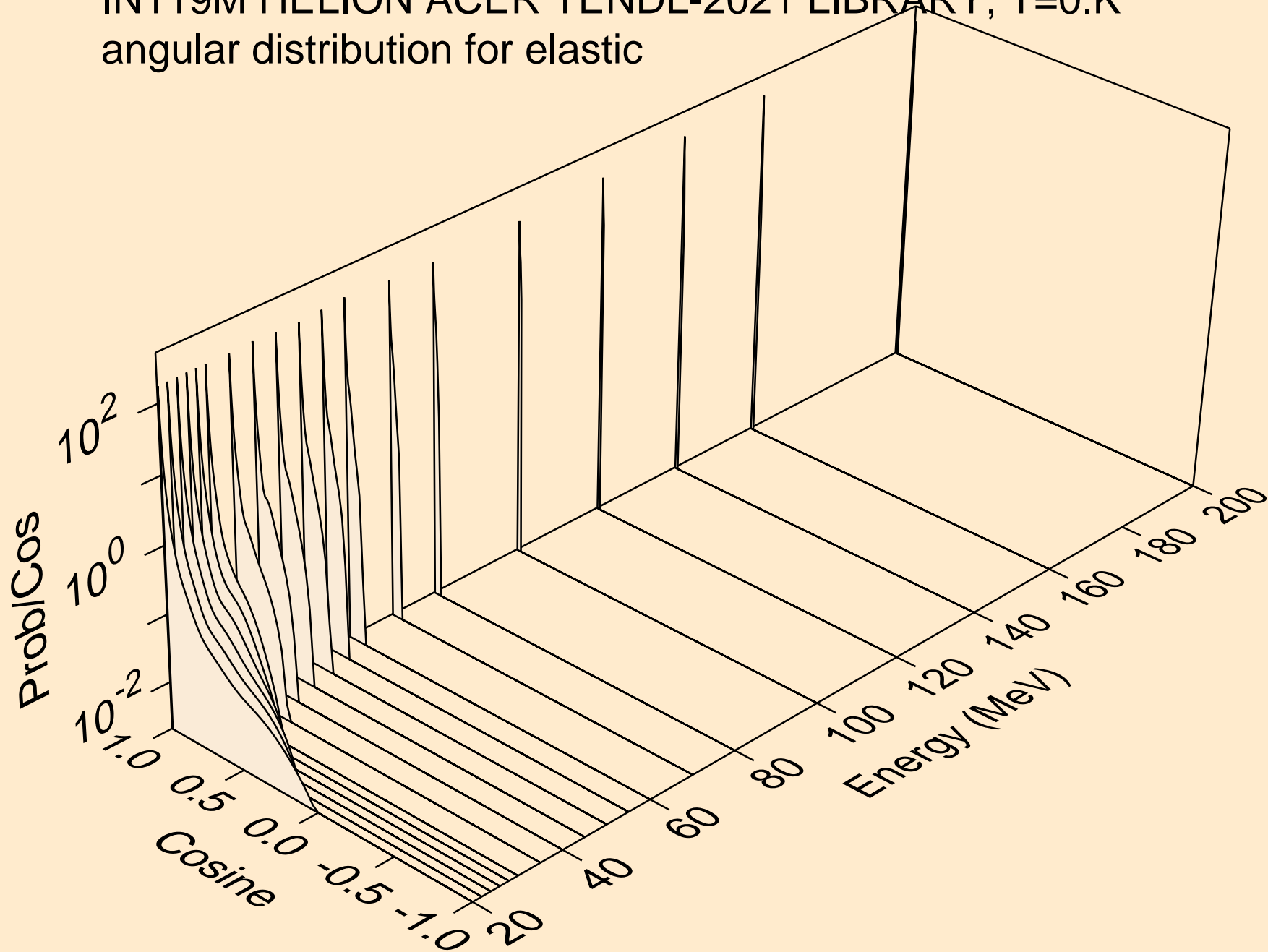
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



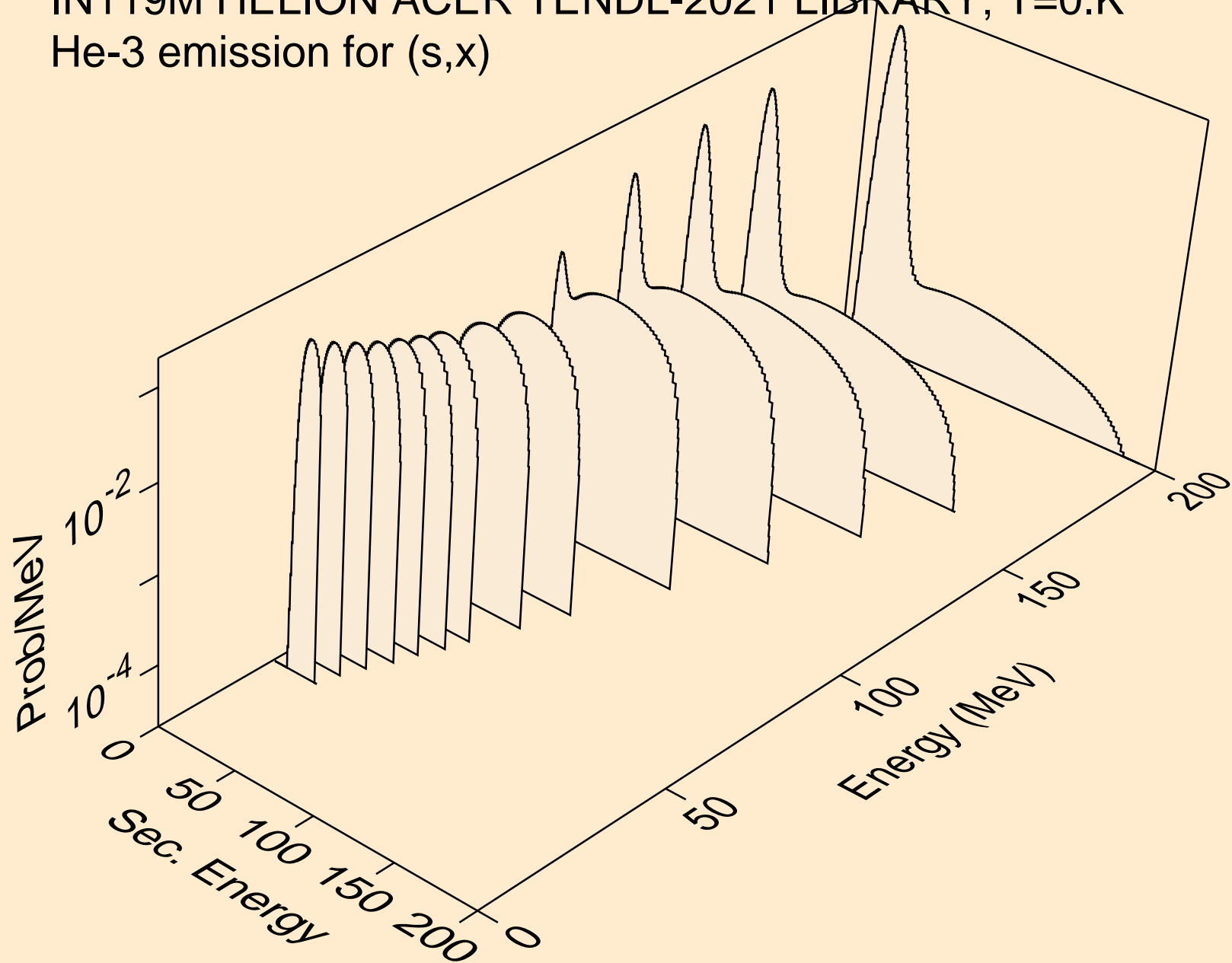
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



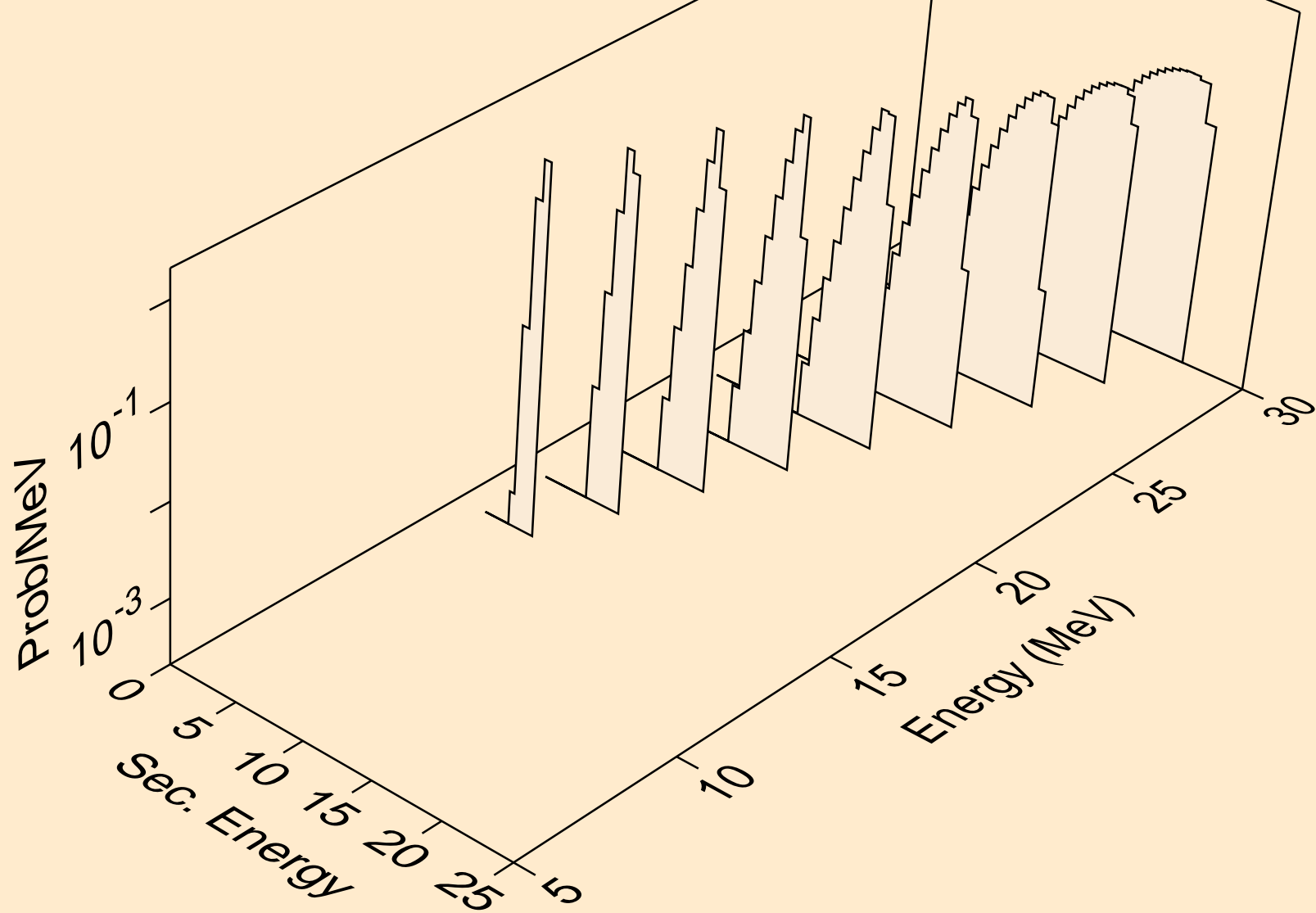
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

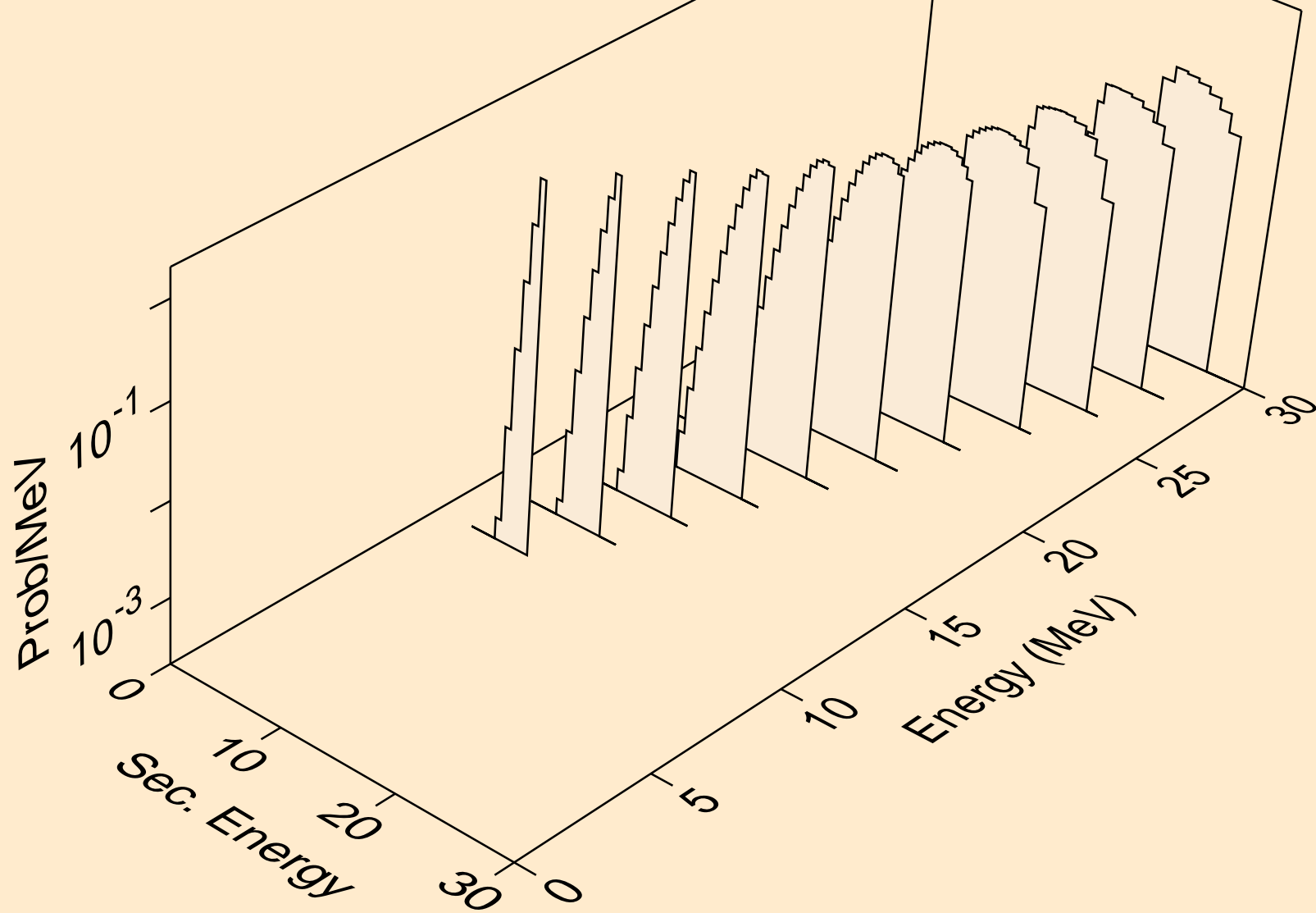


IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

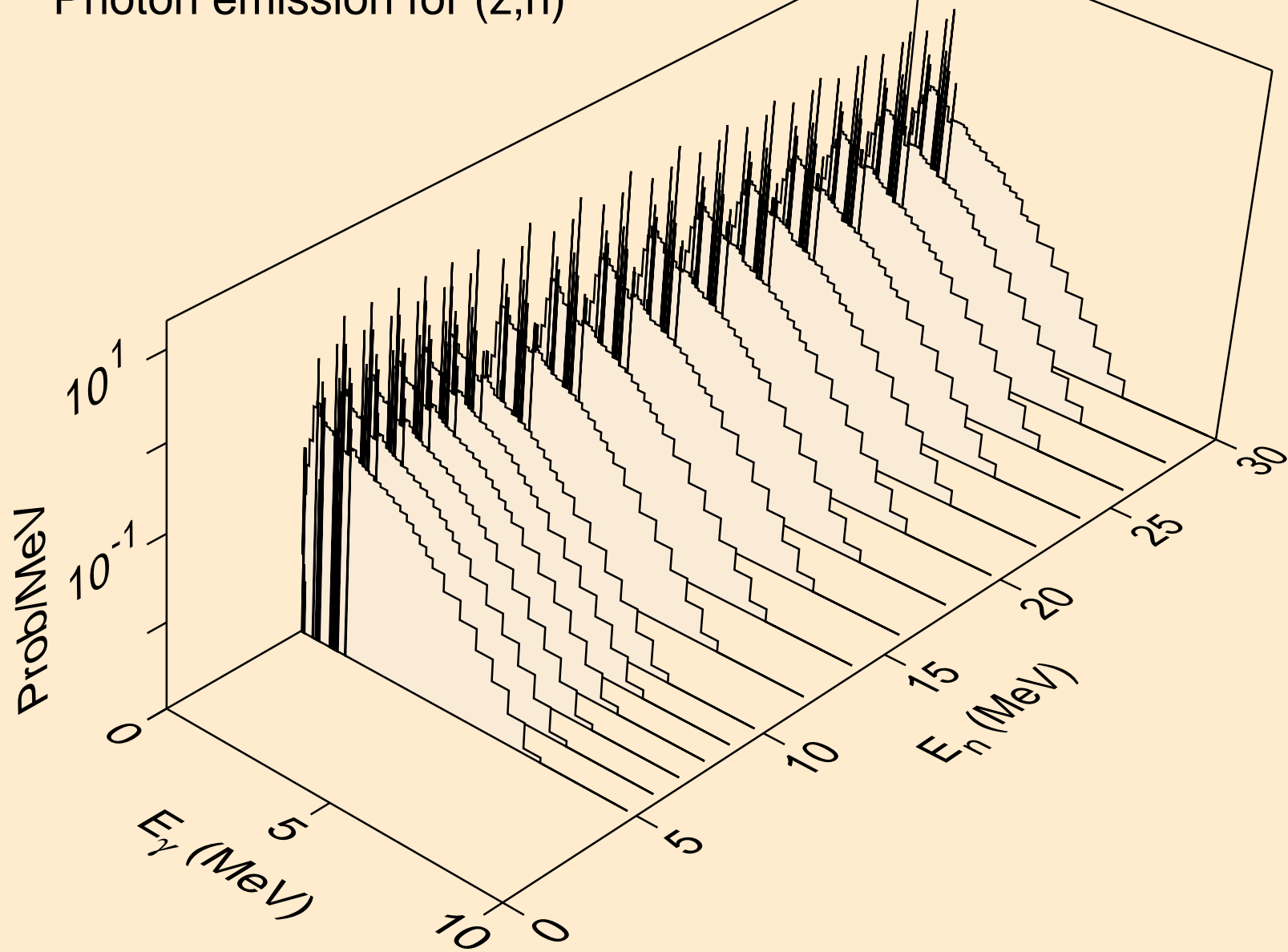




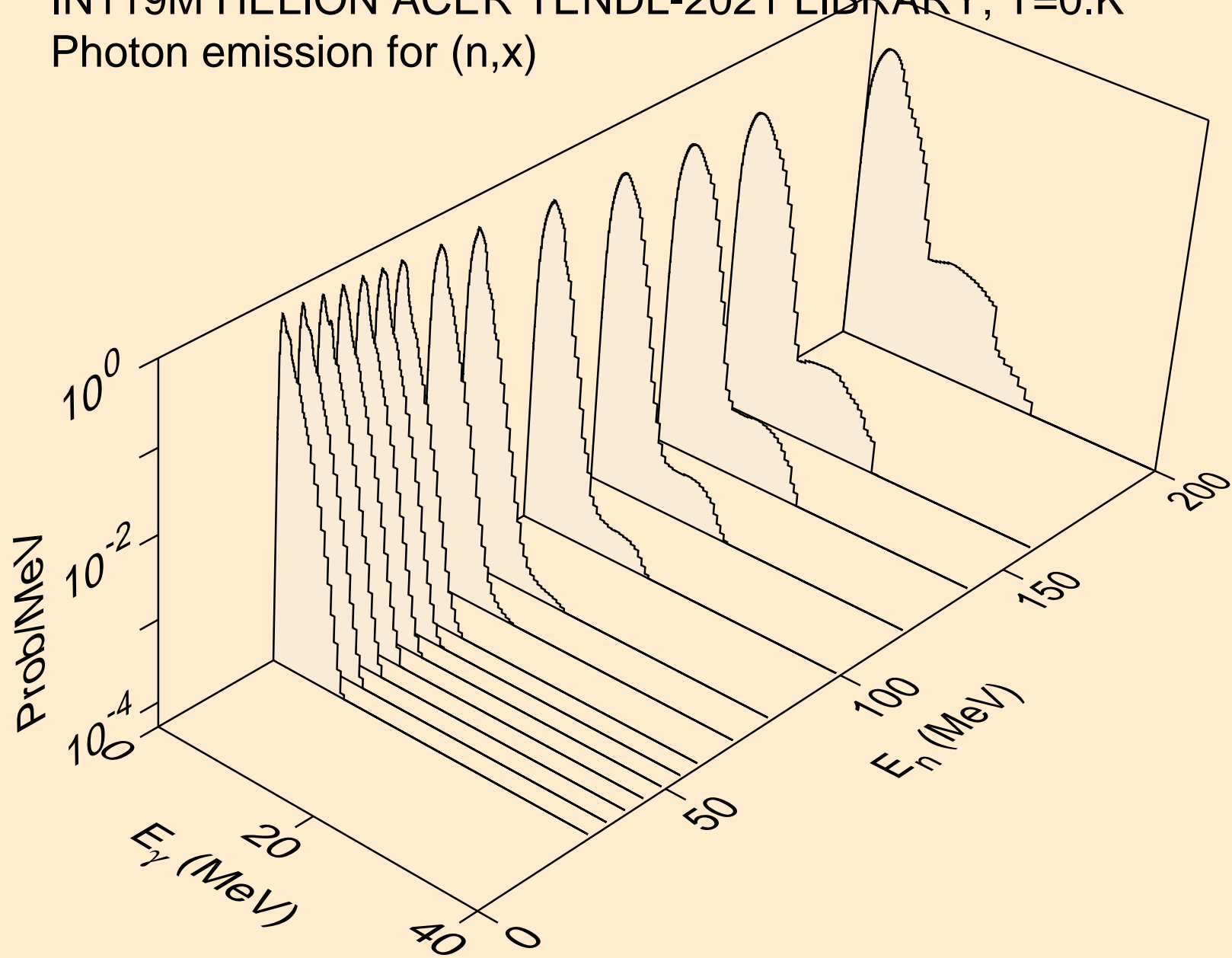
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



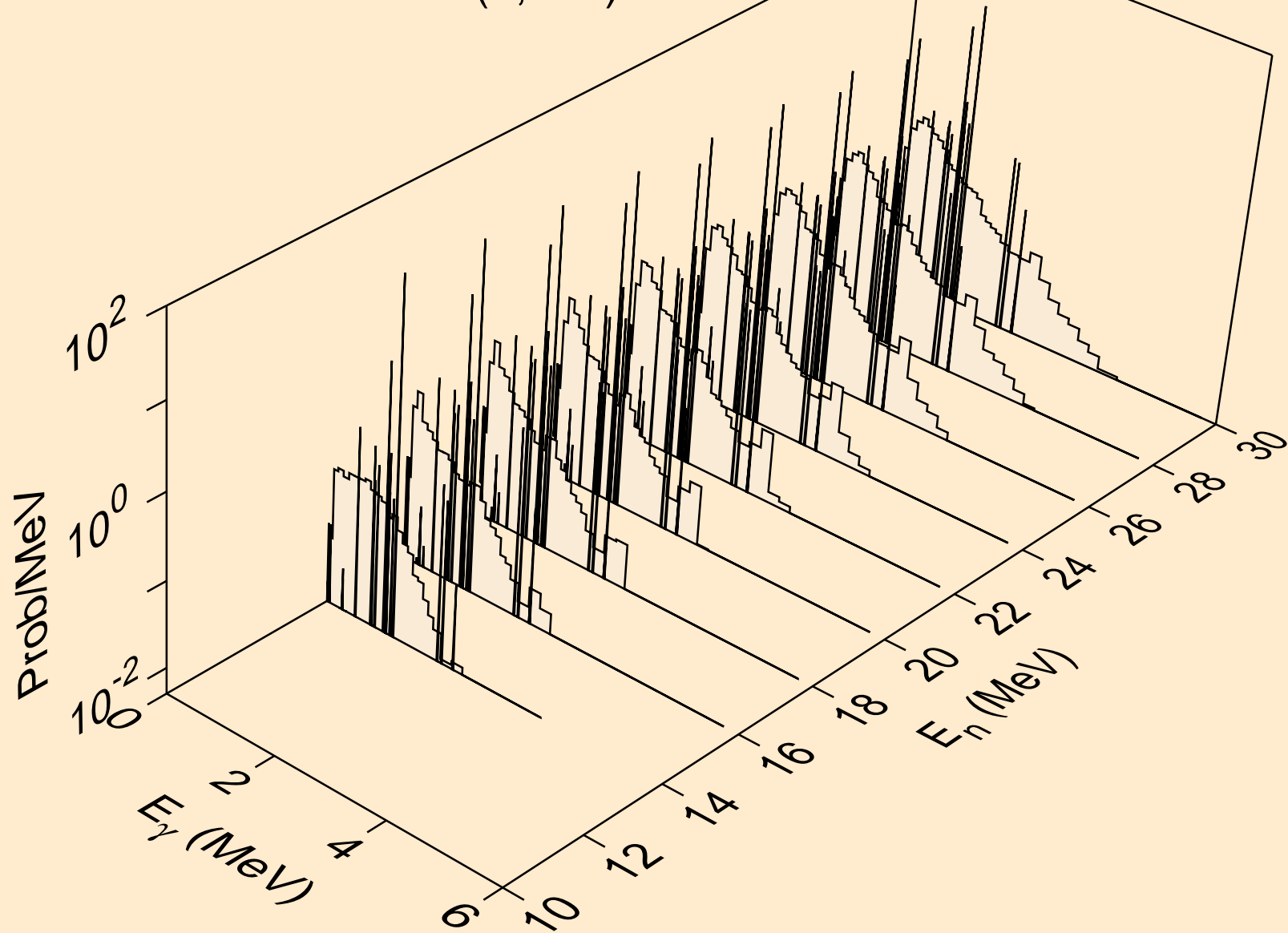
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



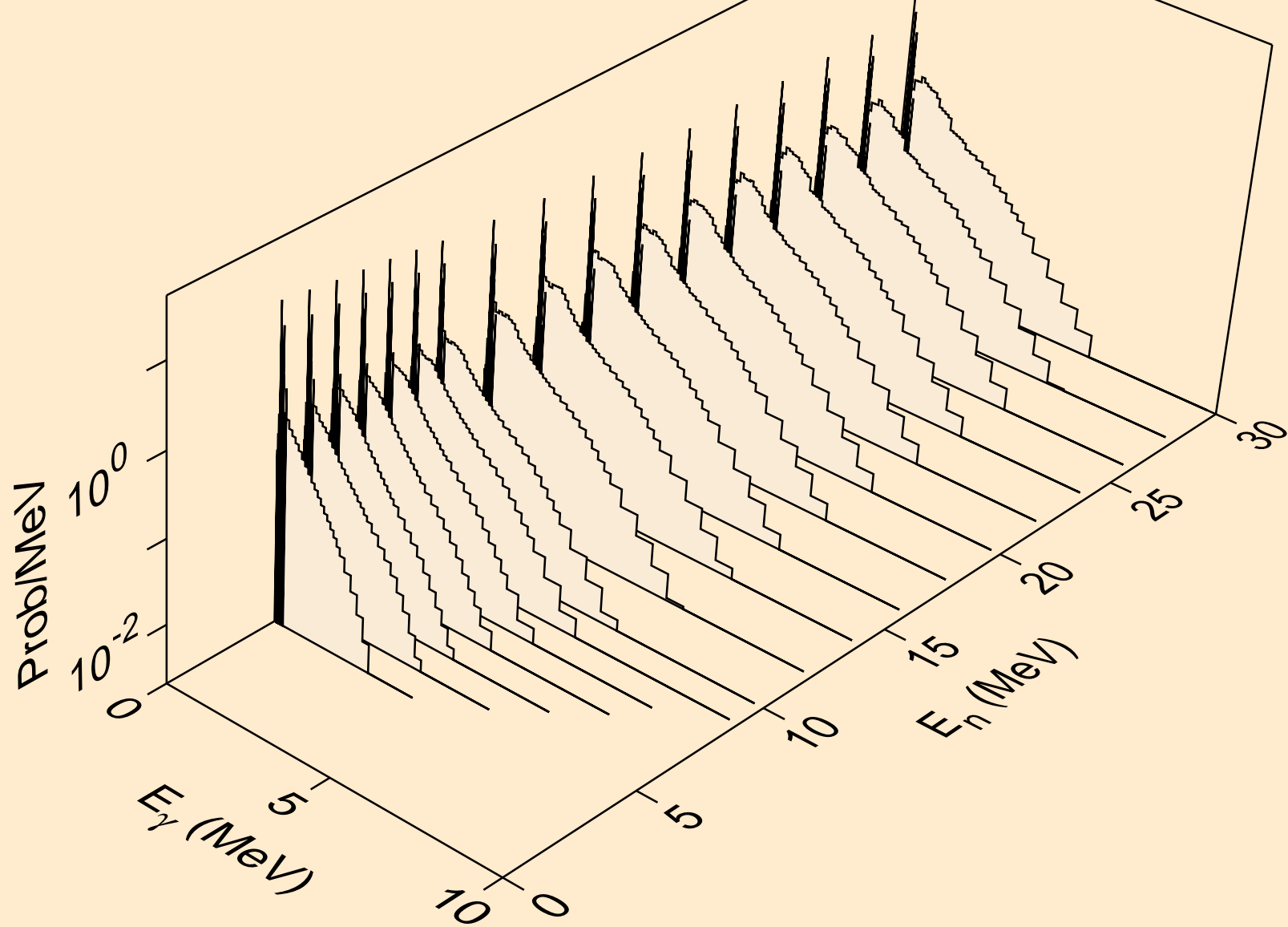
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



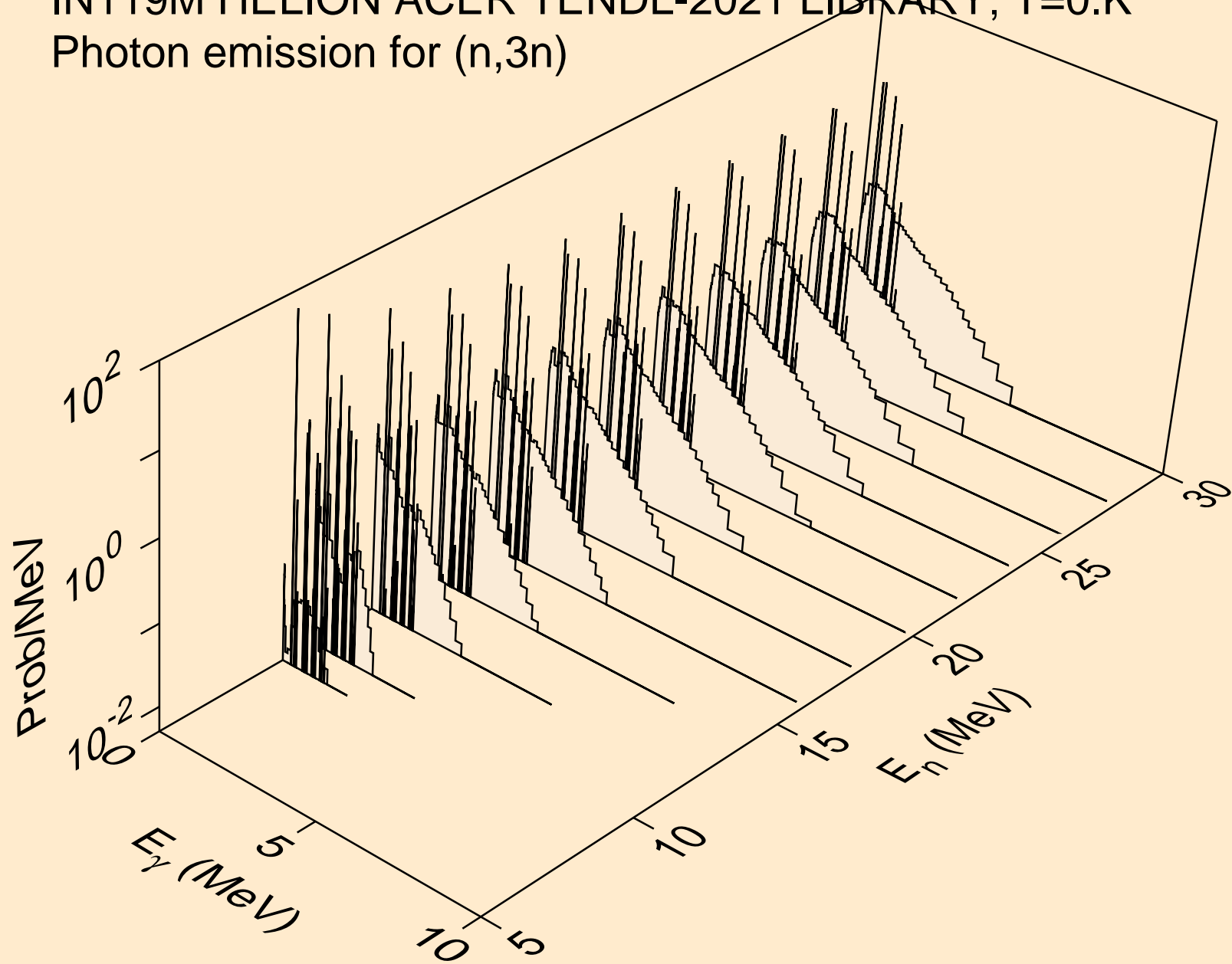
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



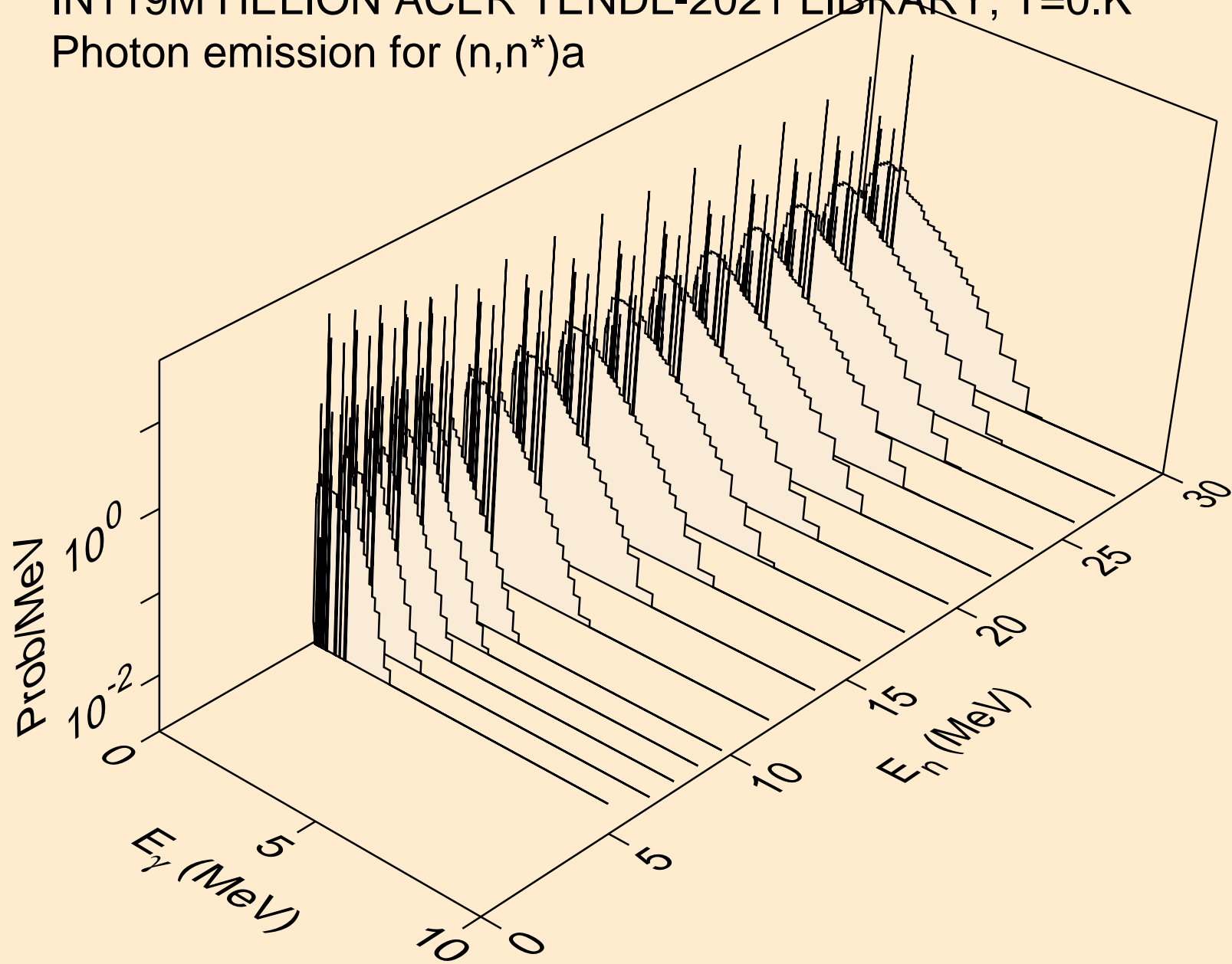
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



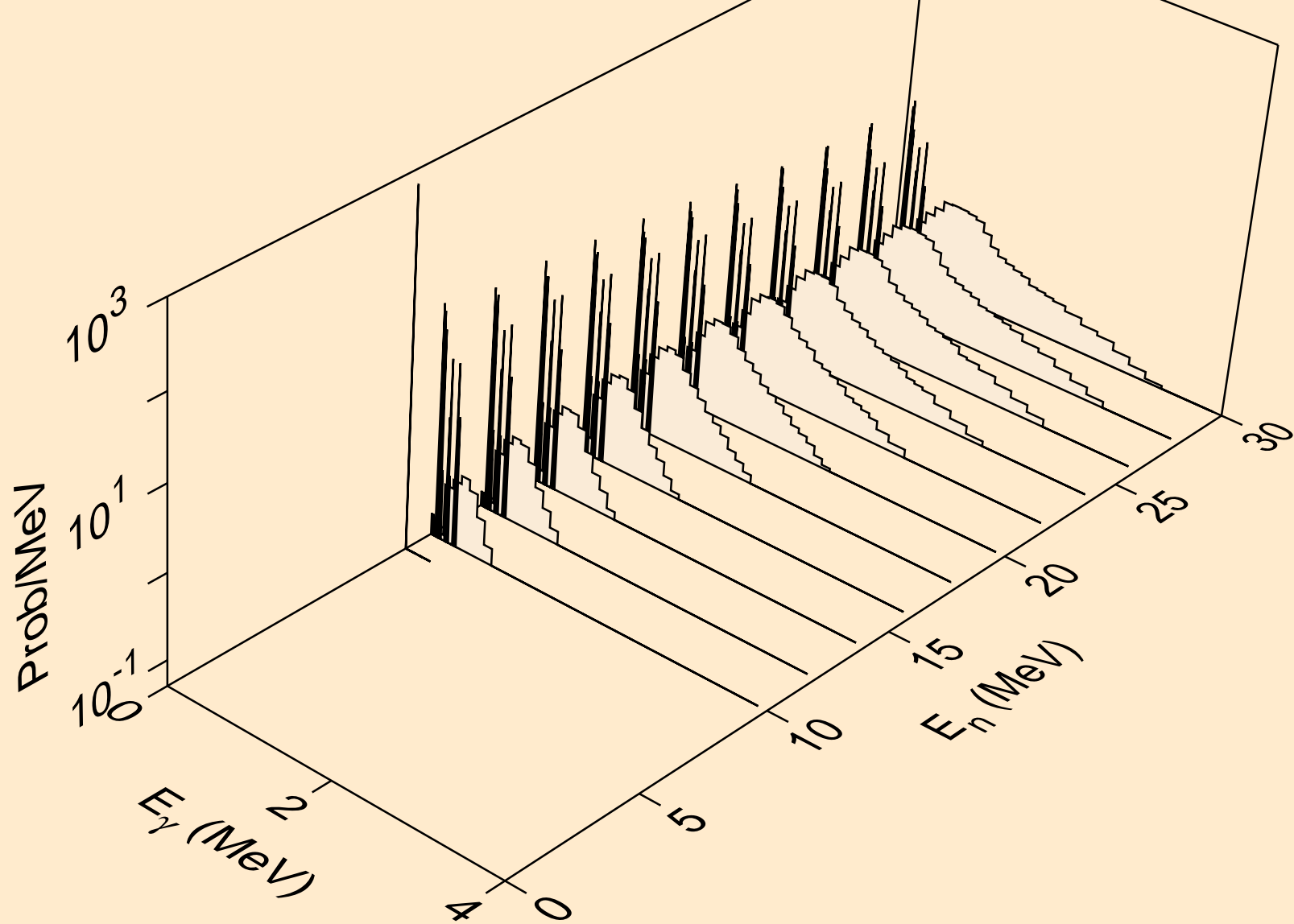
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

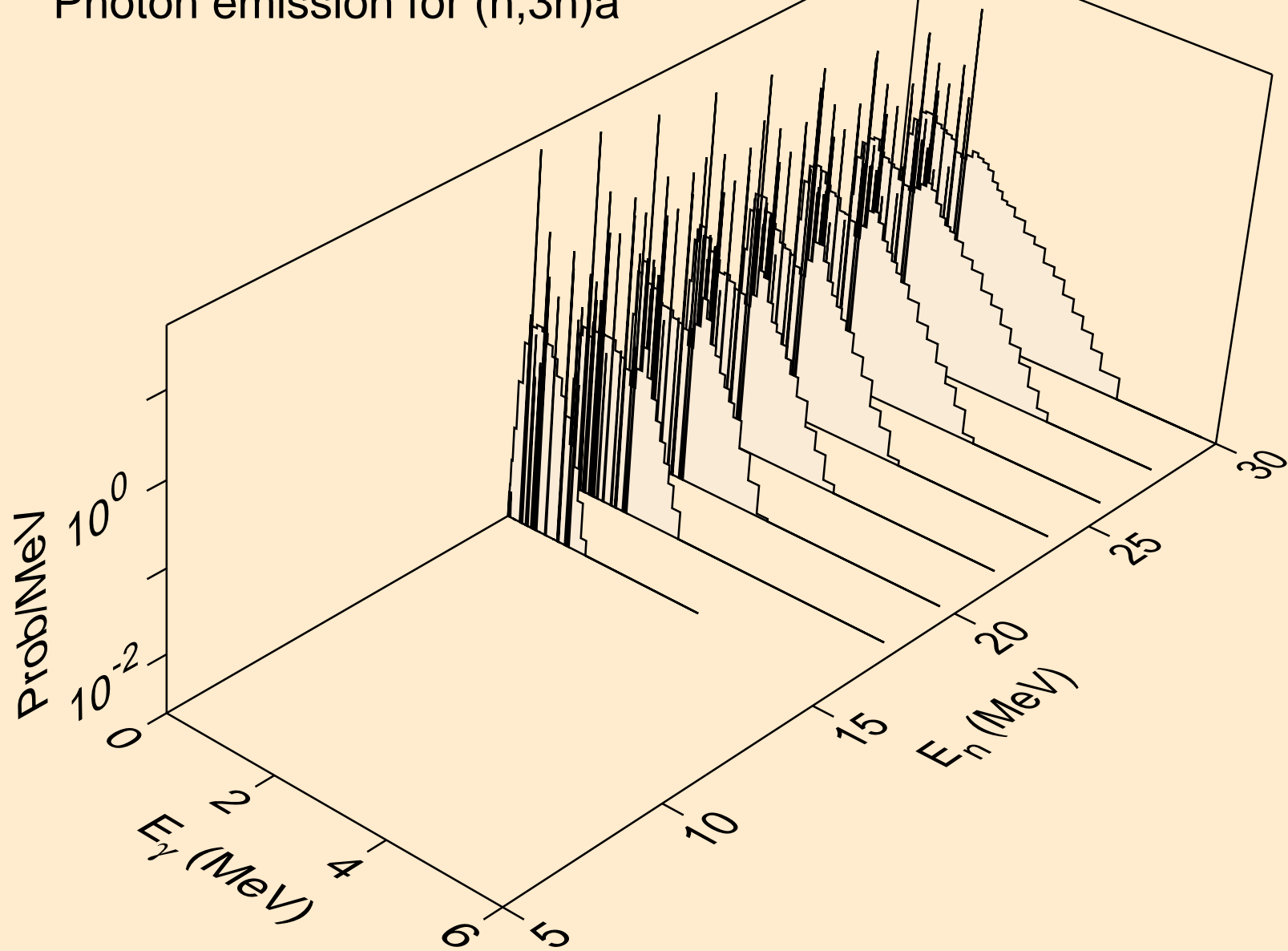


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Photon emission for (n,2n)a

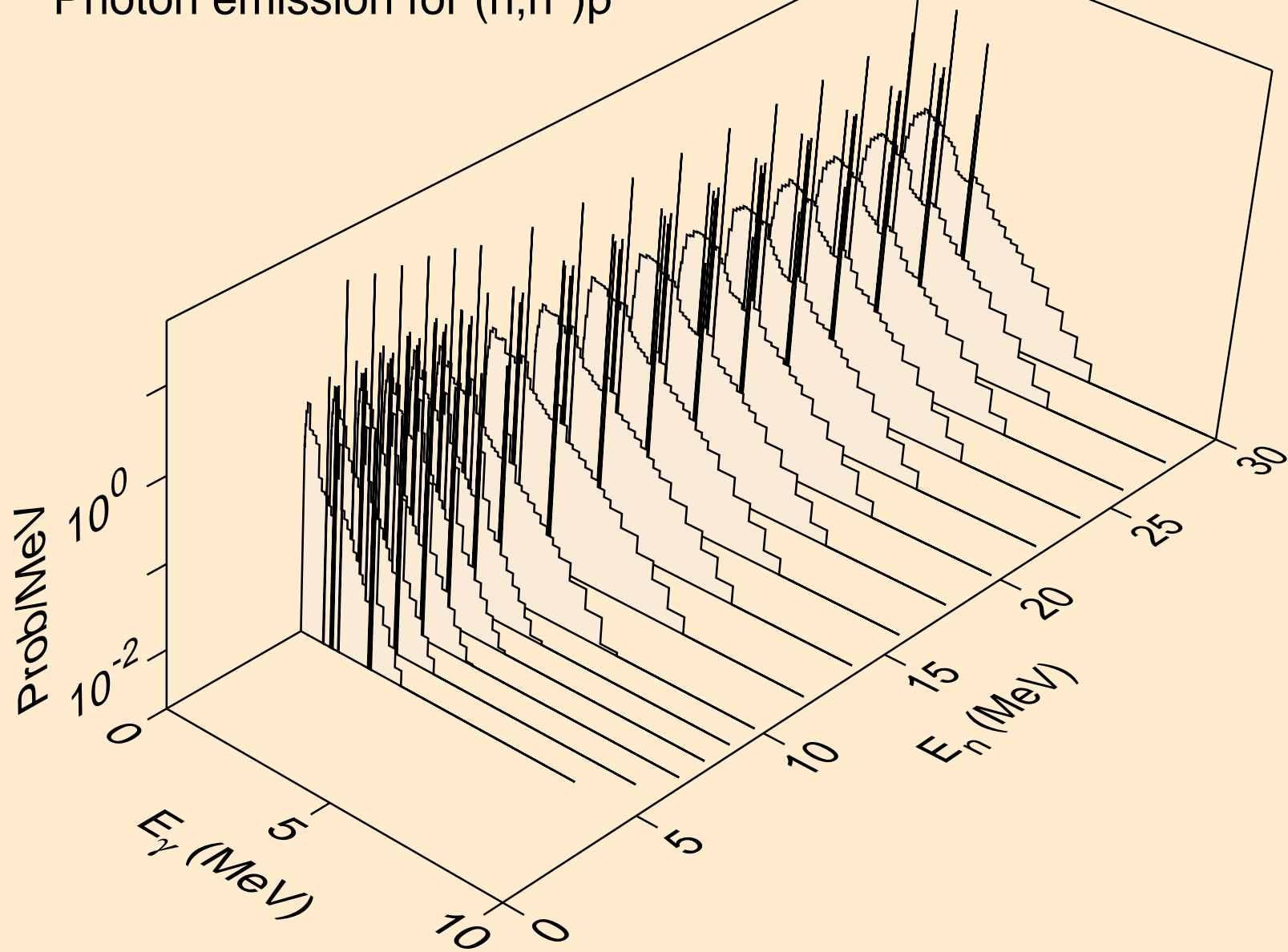




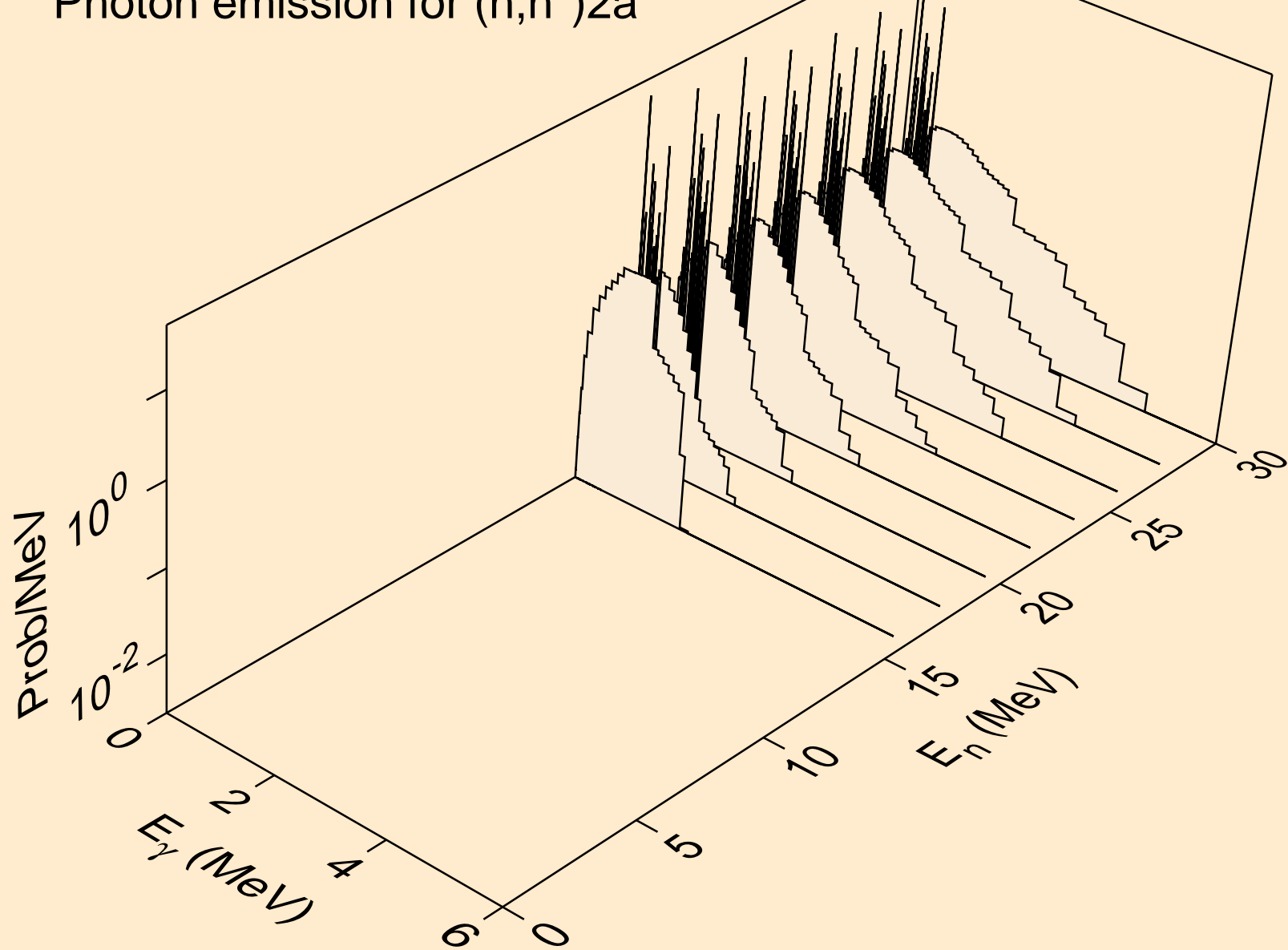
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Photon emission for (n,3n)a



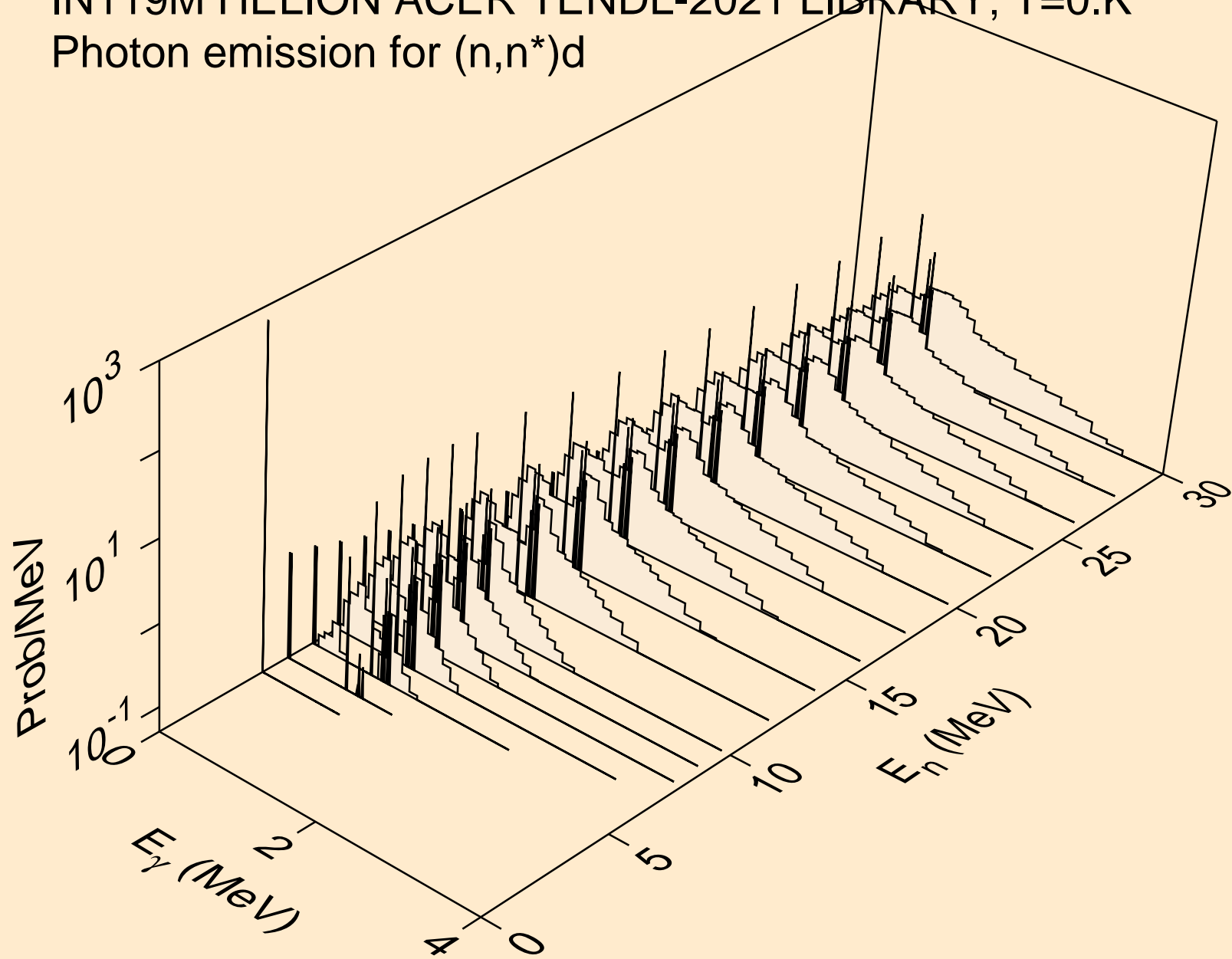
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



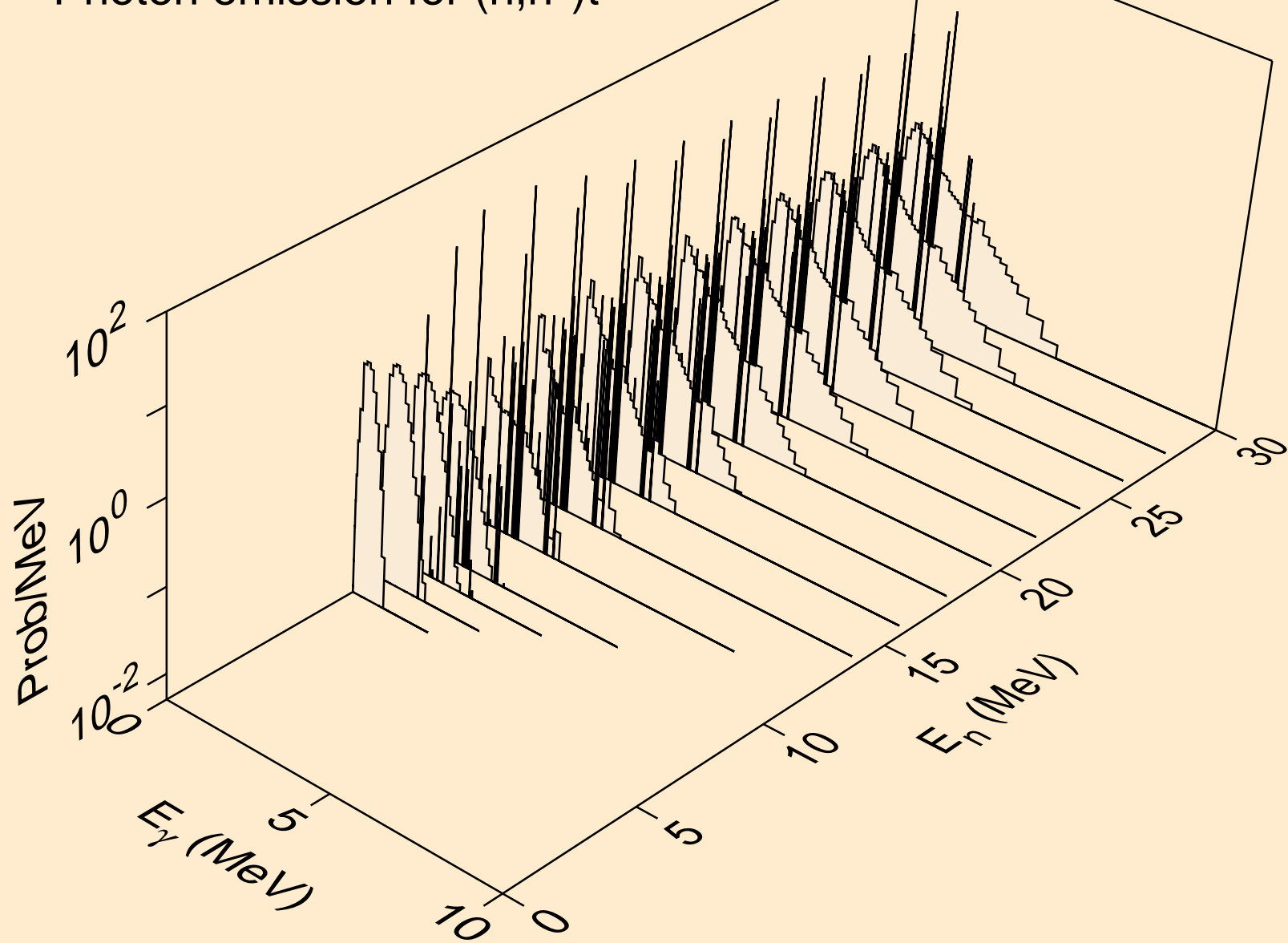
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Photon emission for (n,n\*)2a



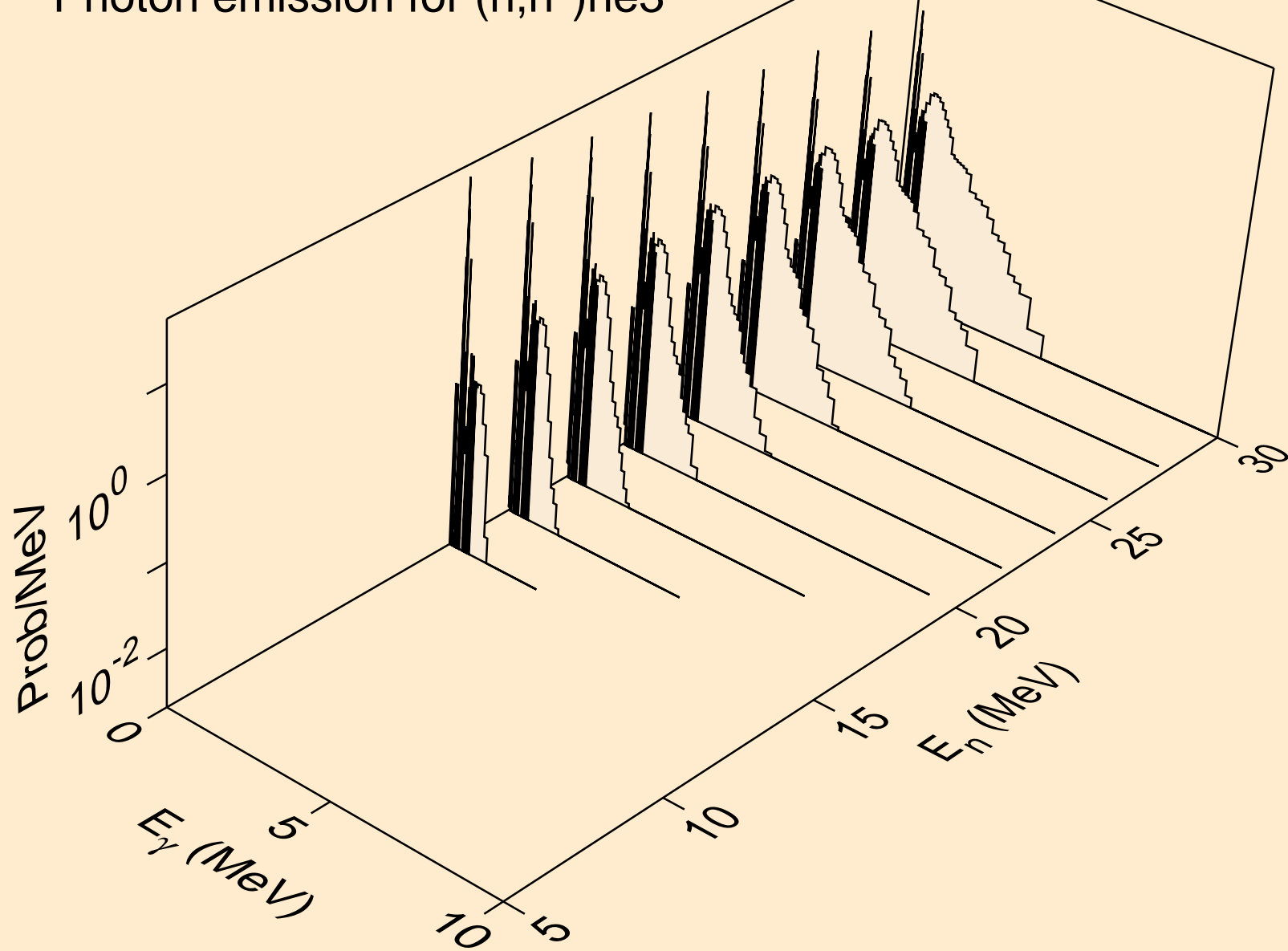
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



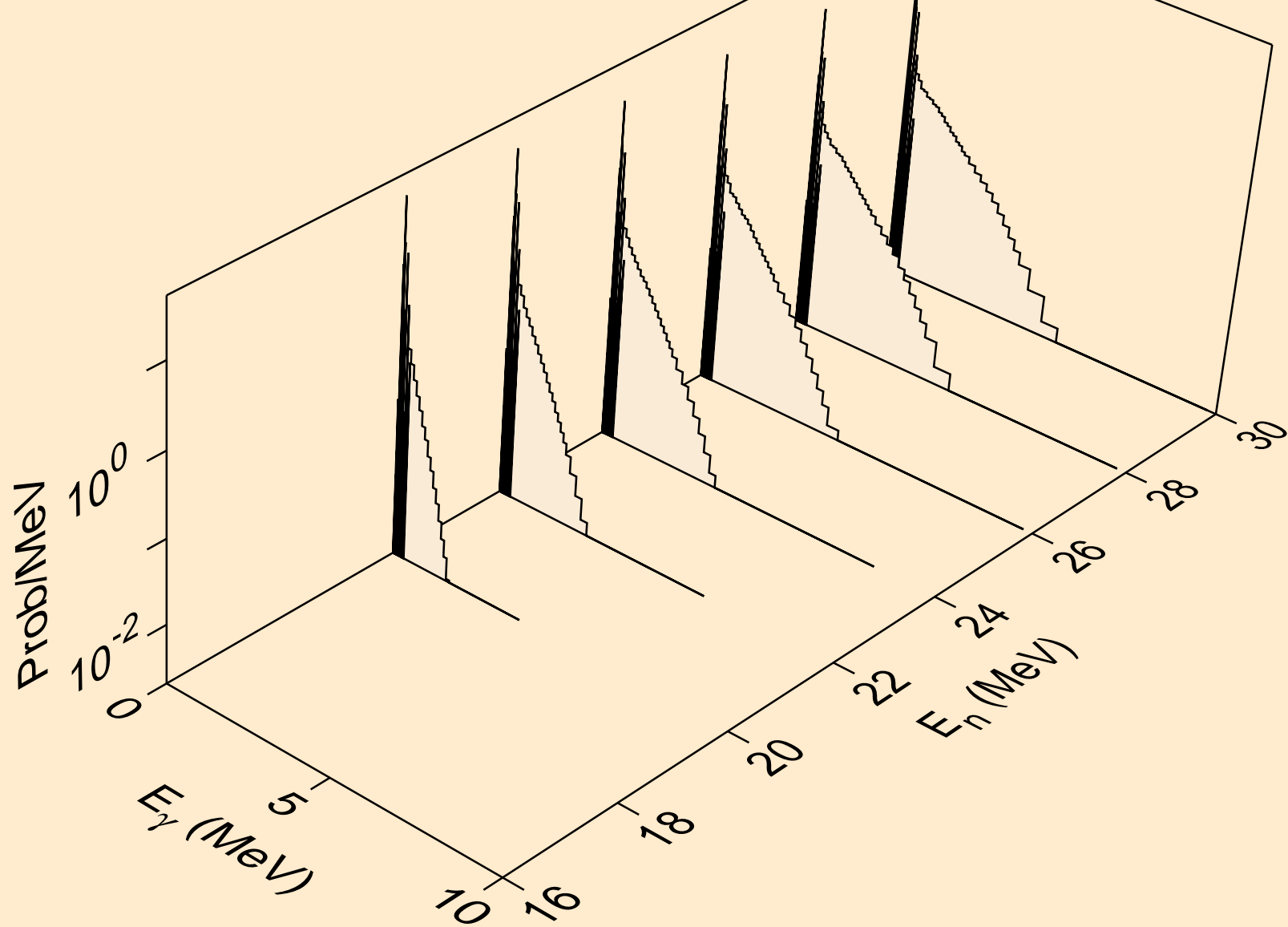
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



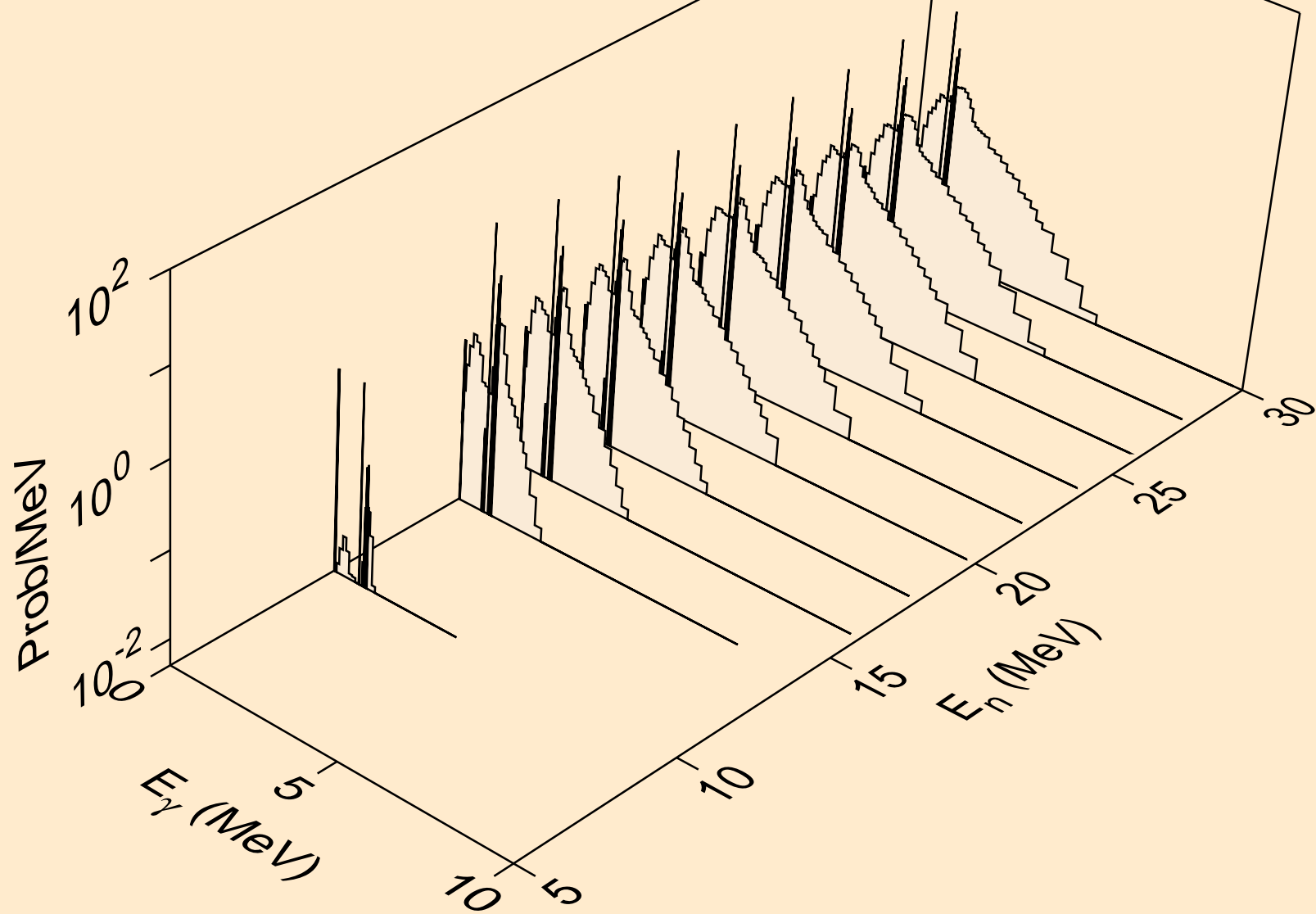
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

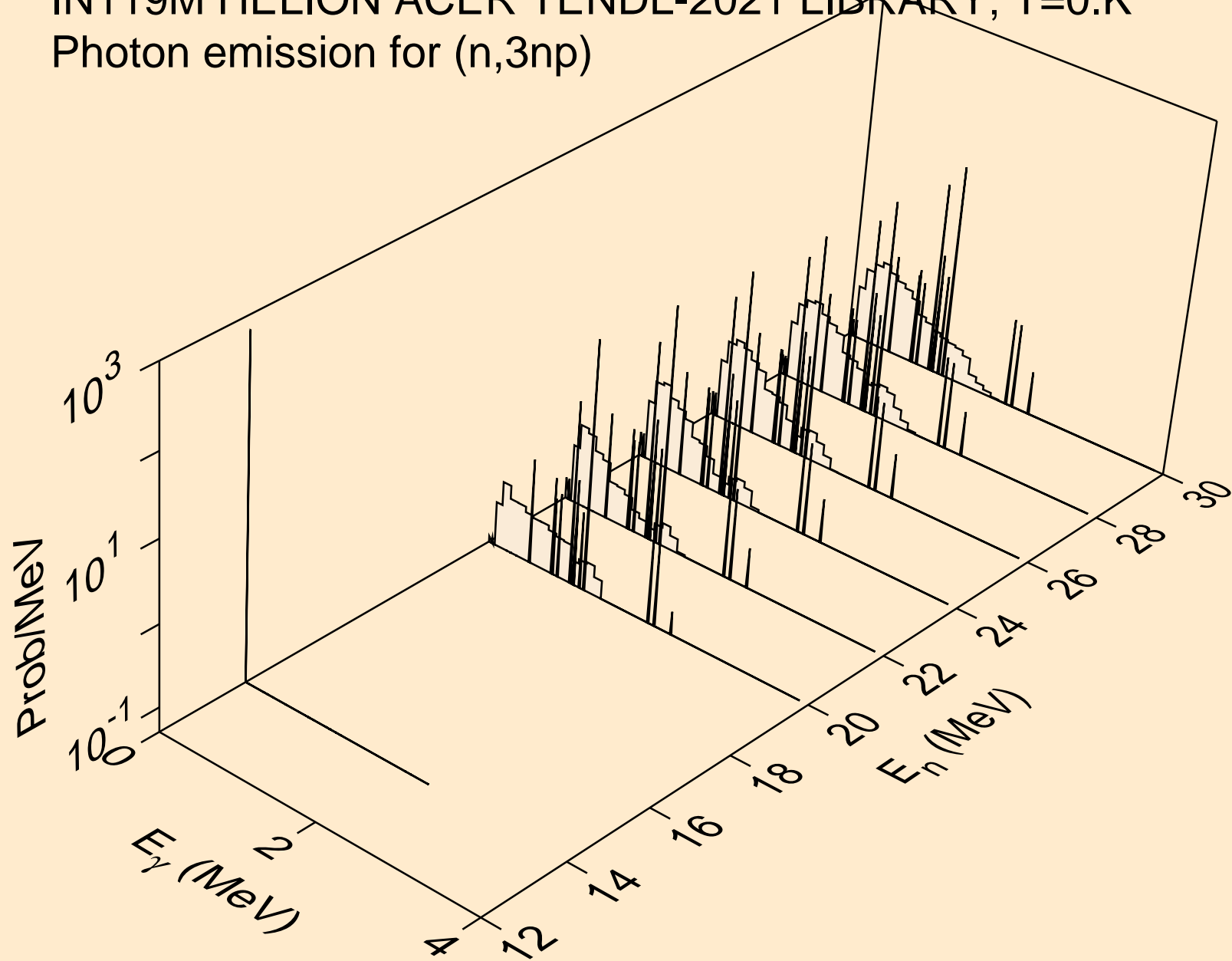


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Photon emission for (n,2np)

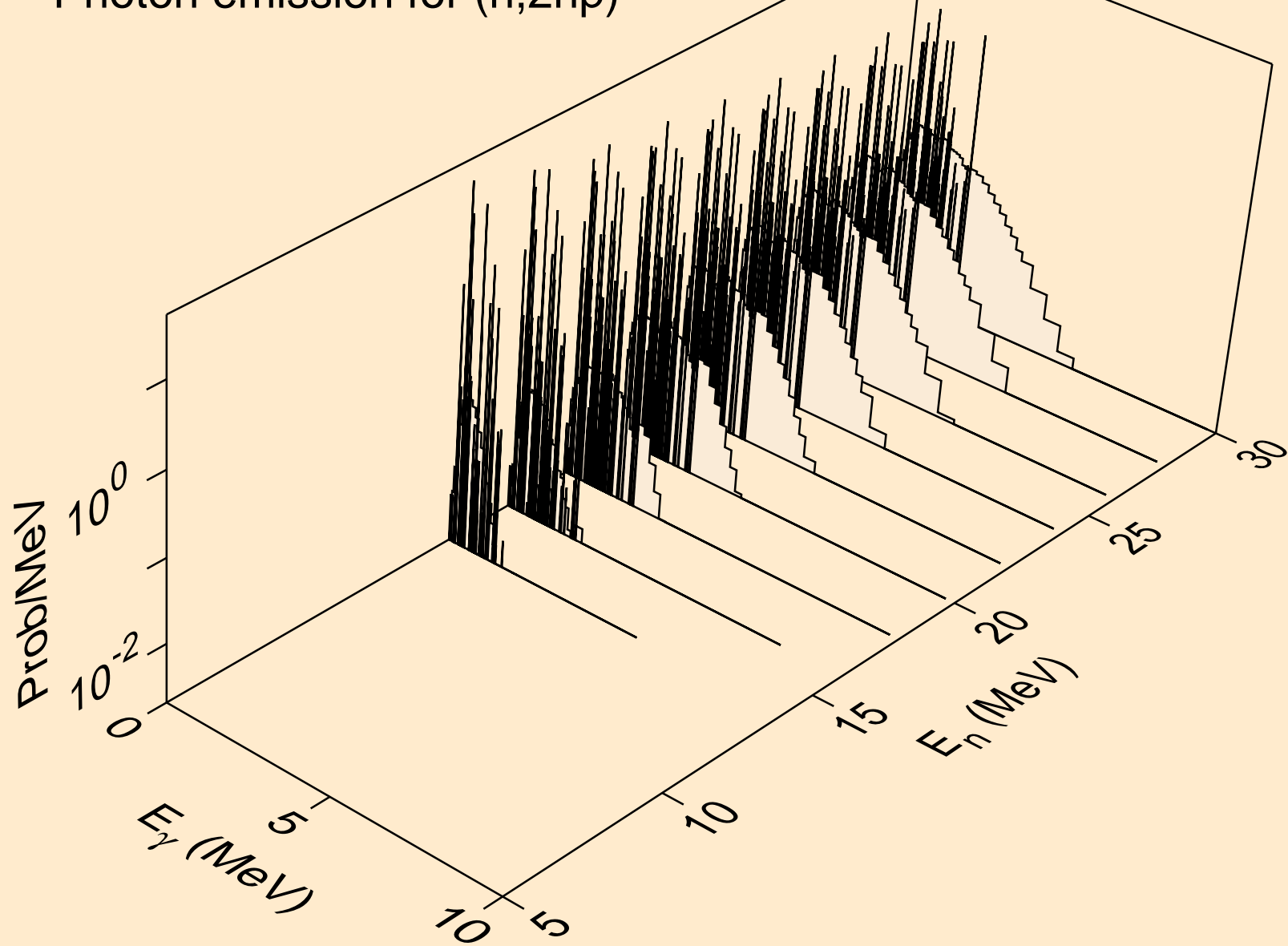




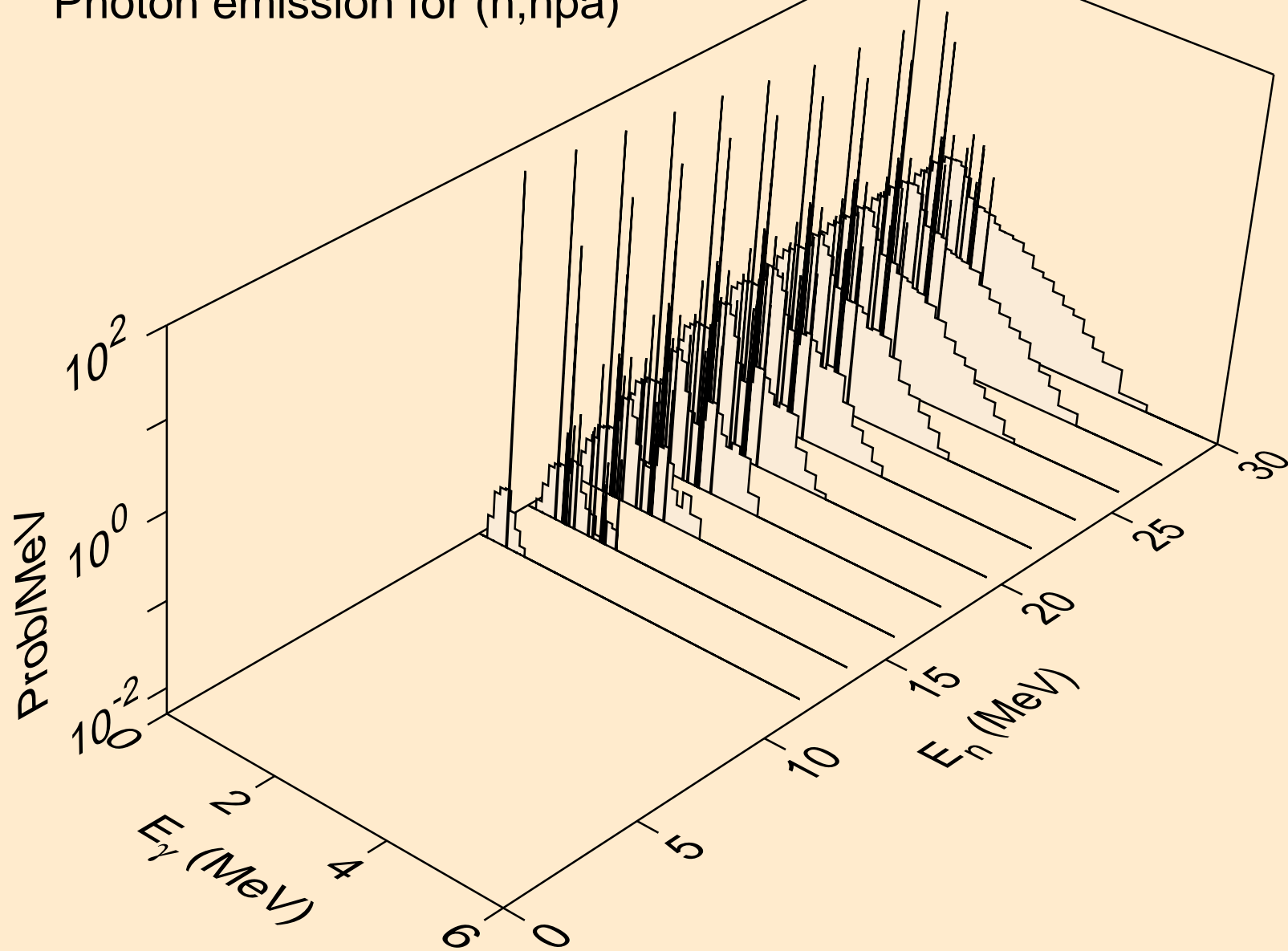
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Photon emission for (n,3np)



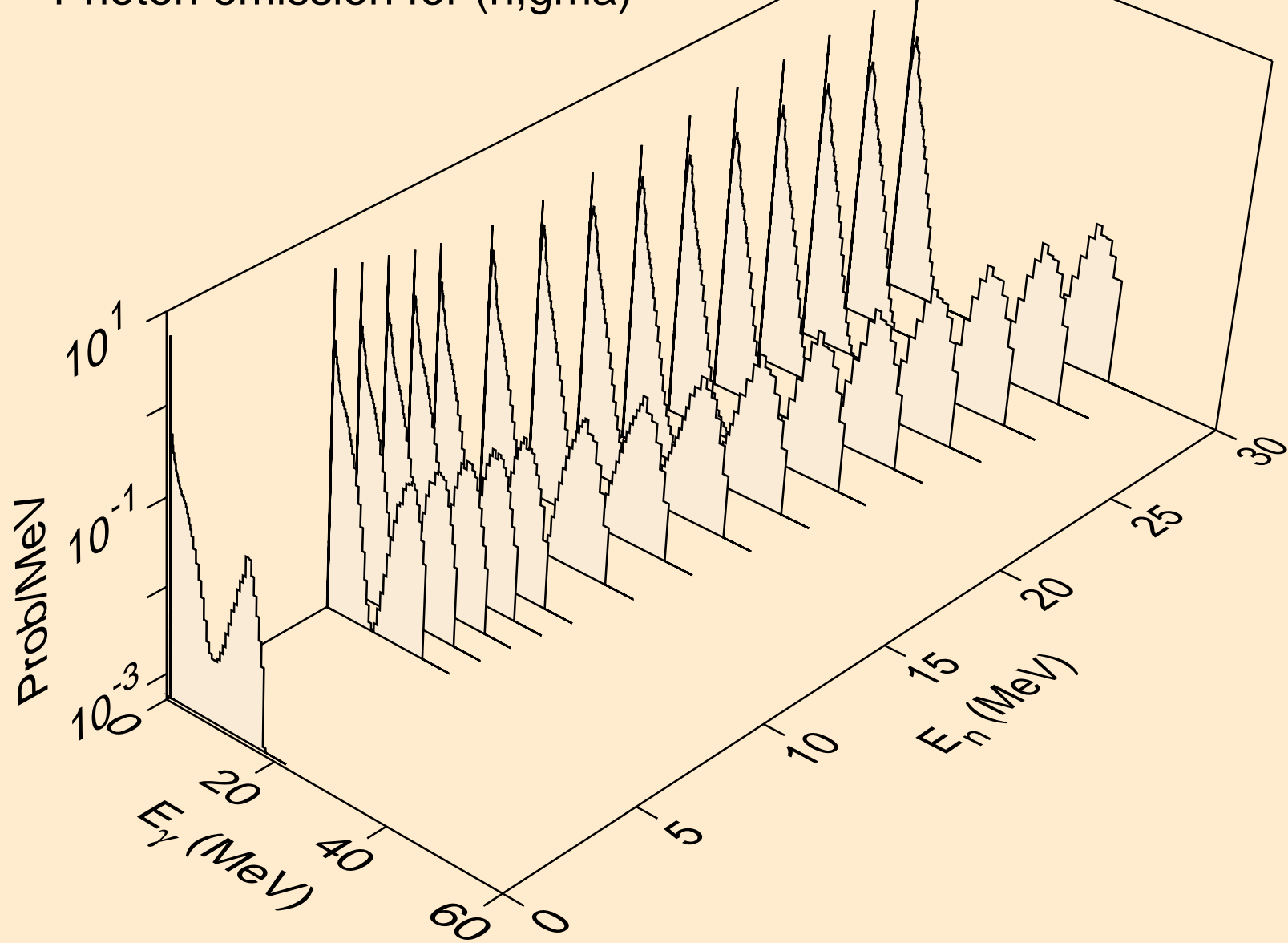
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Photon emission for (n,2np)



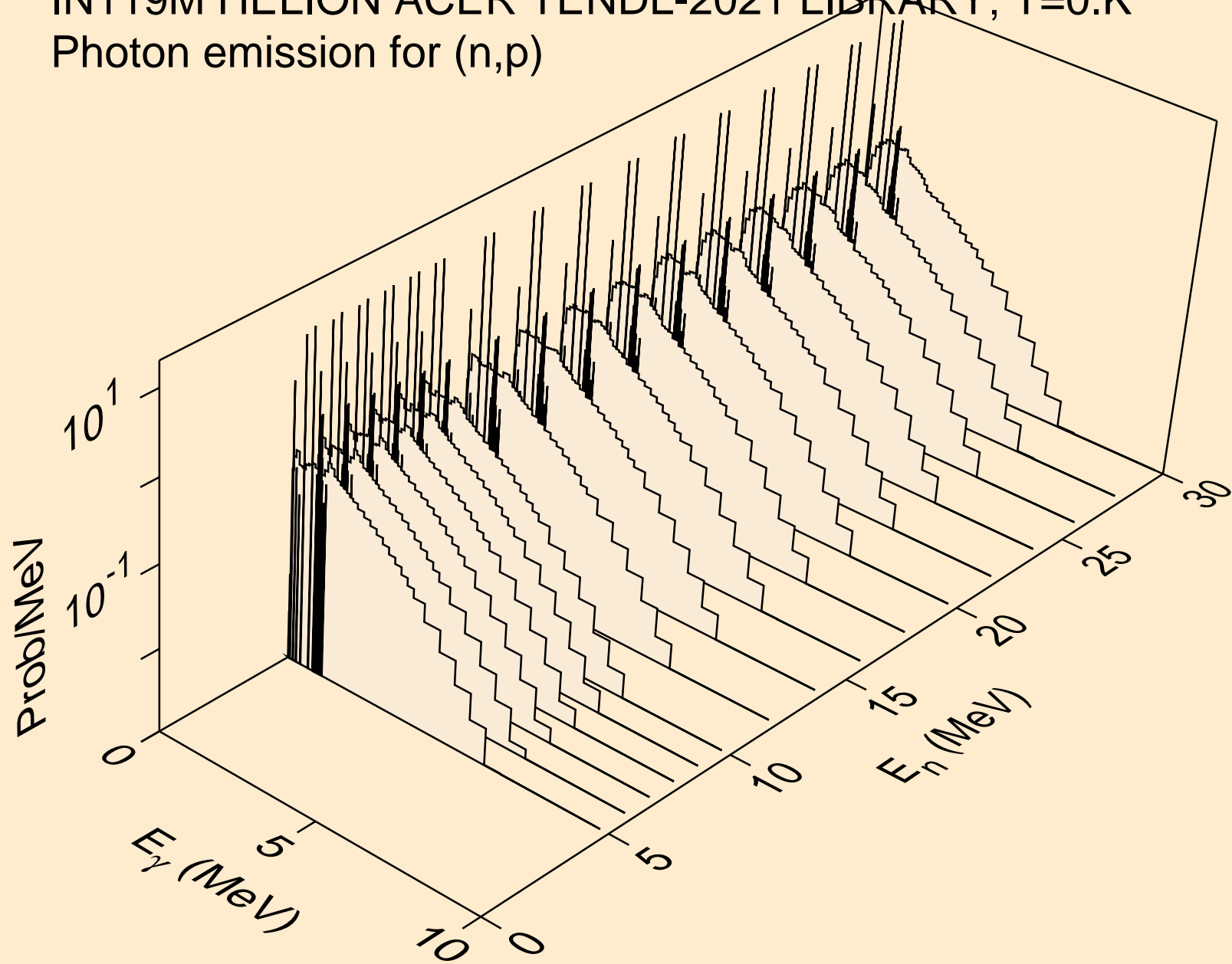
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Photon emission for (n,npa)



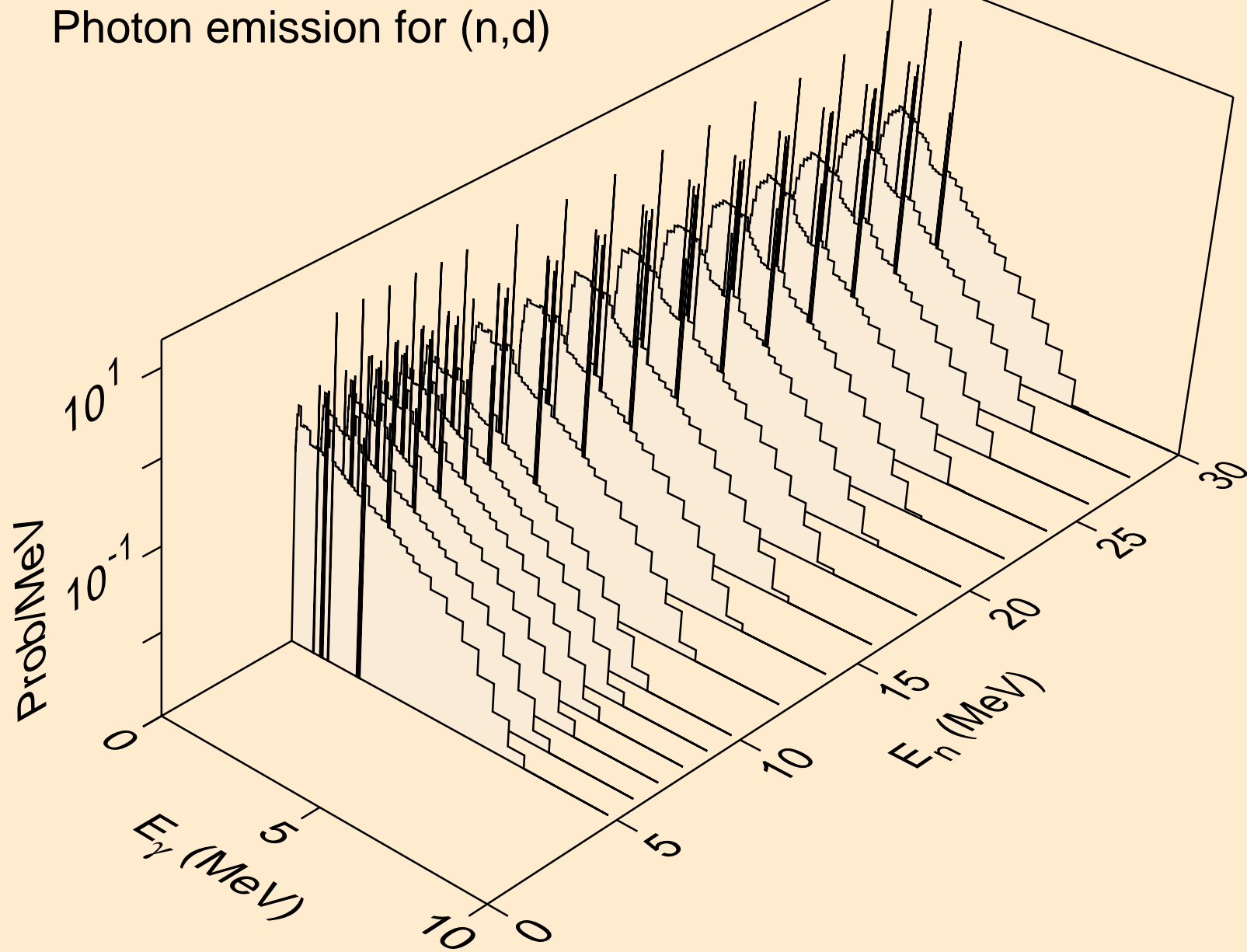
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Photon emission for (n,gma)



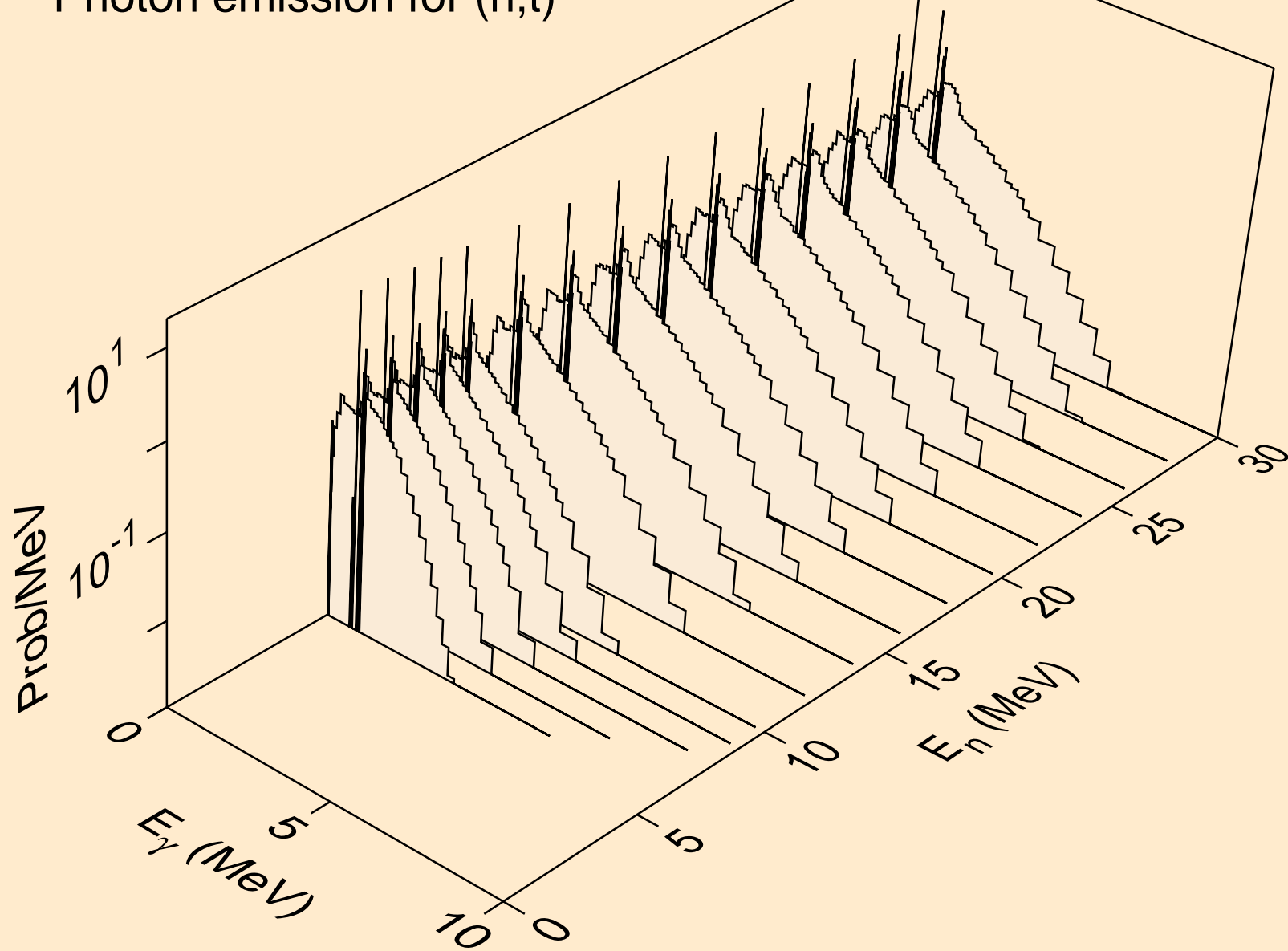
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



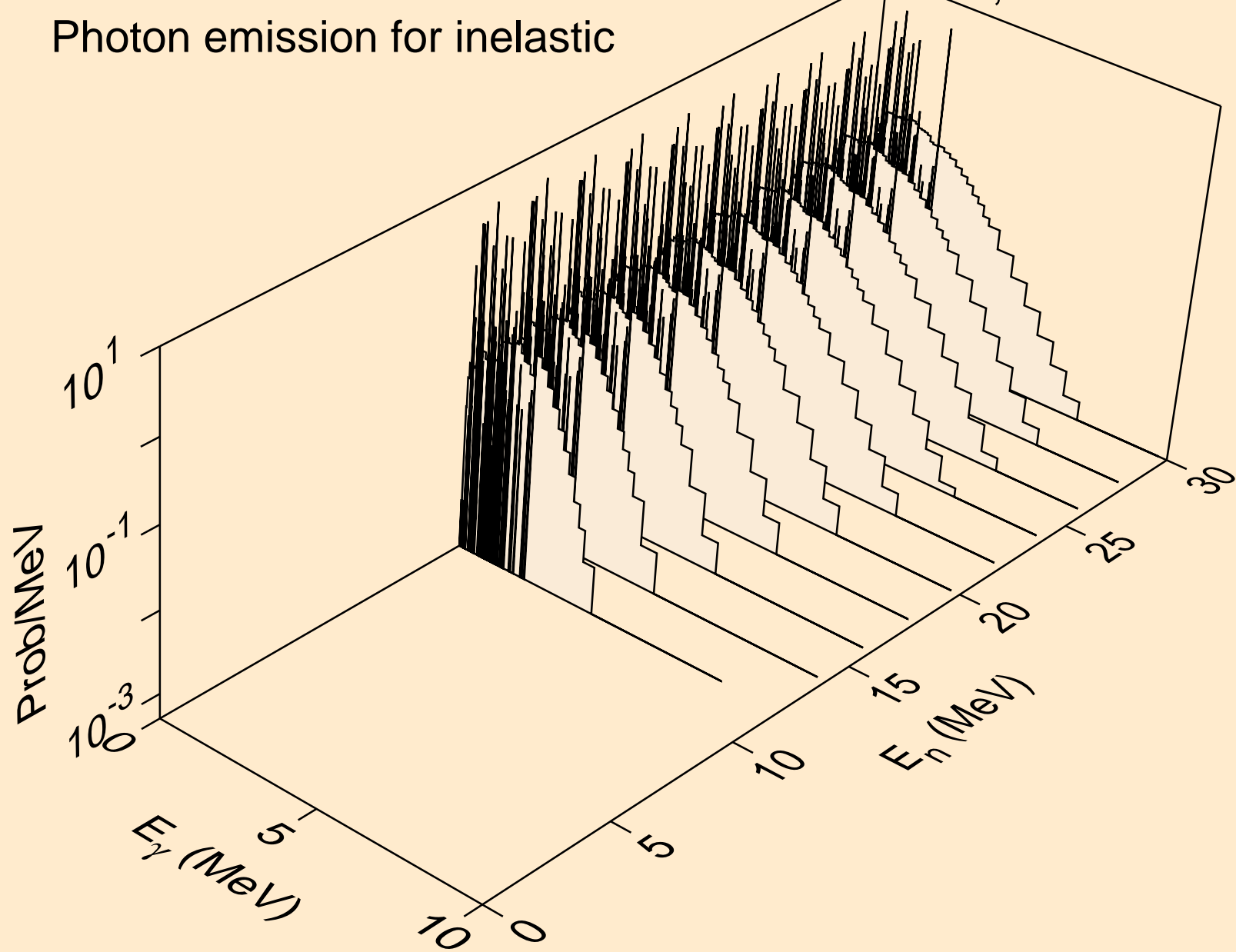
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

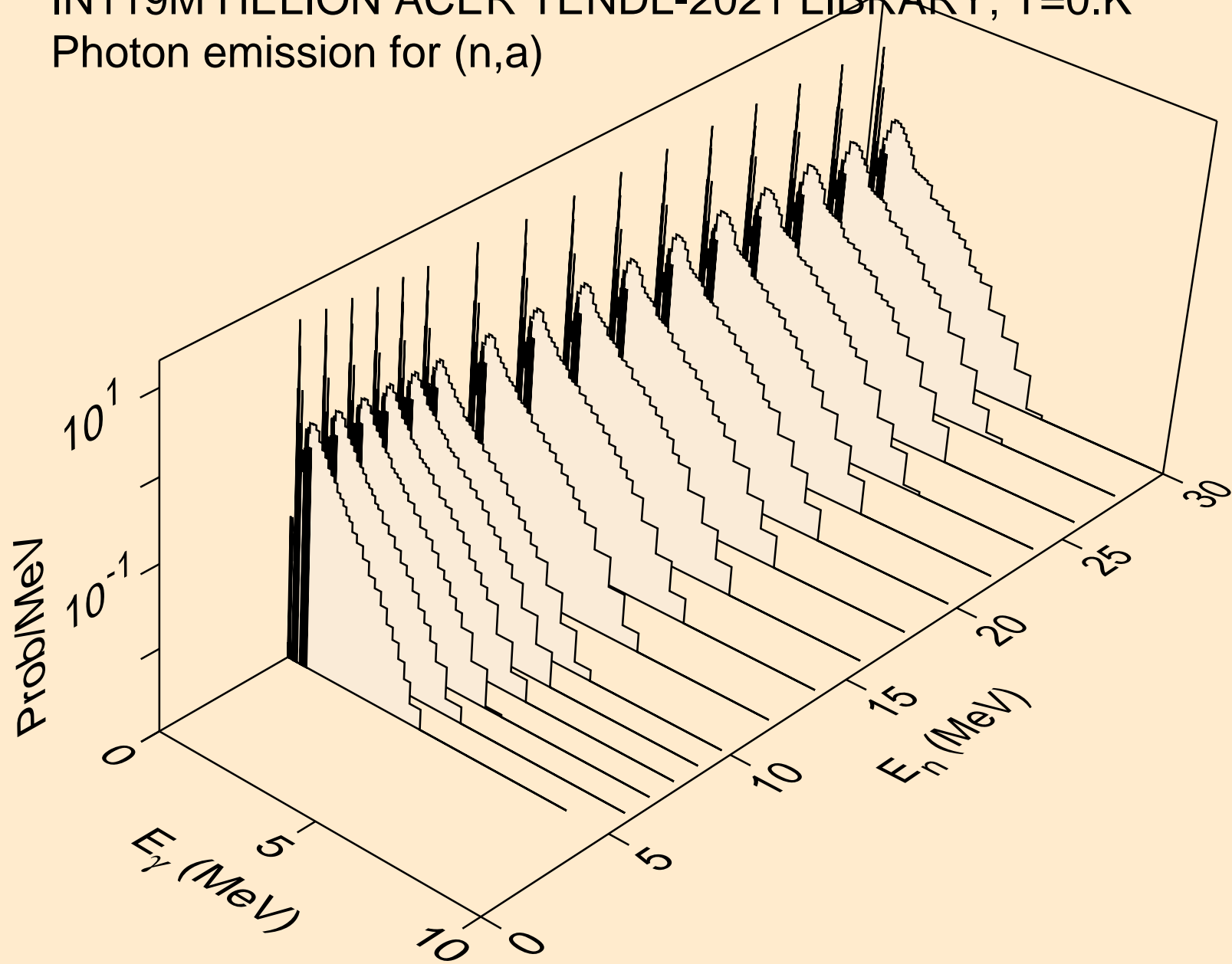


IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

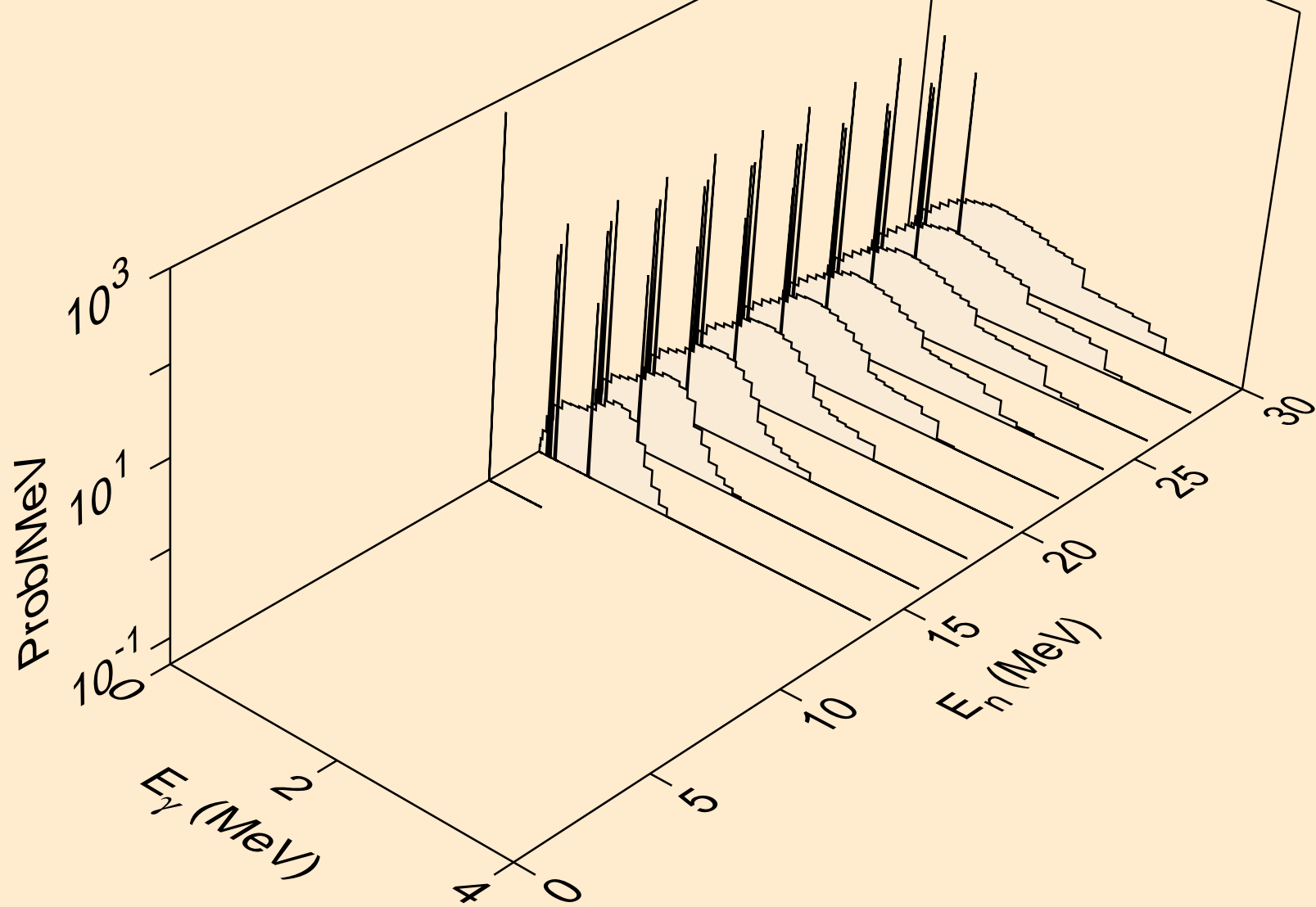




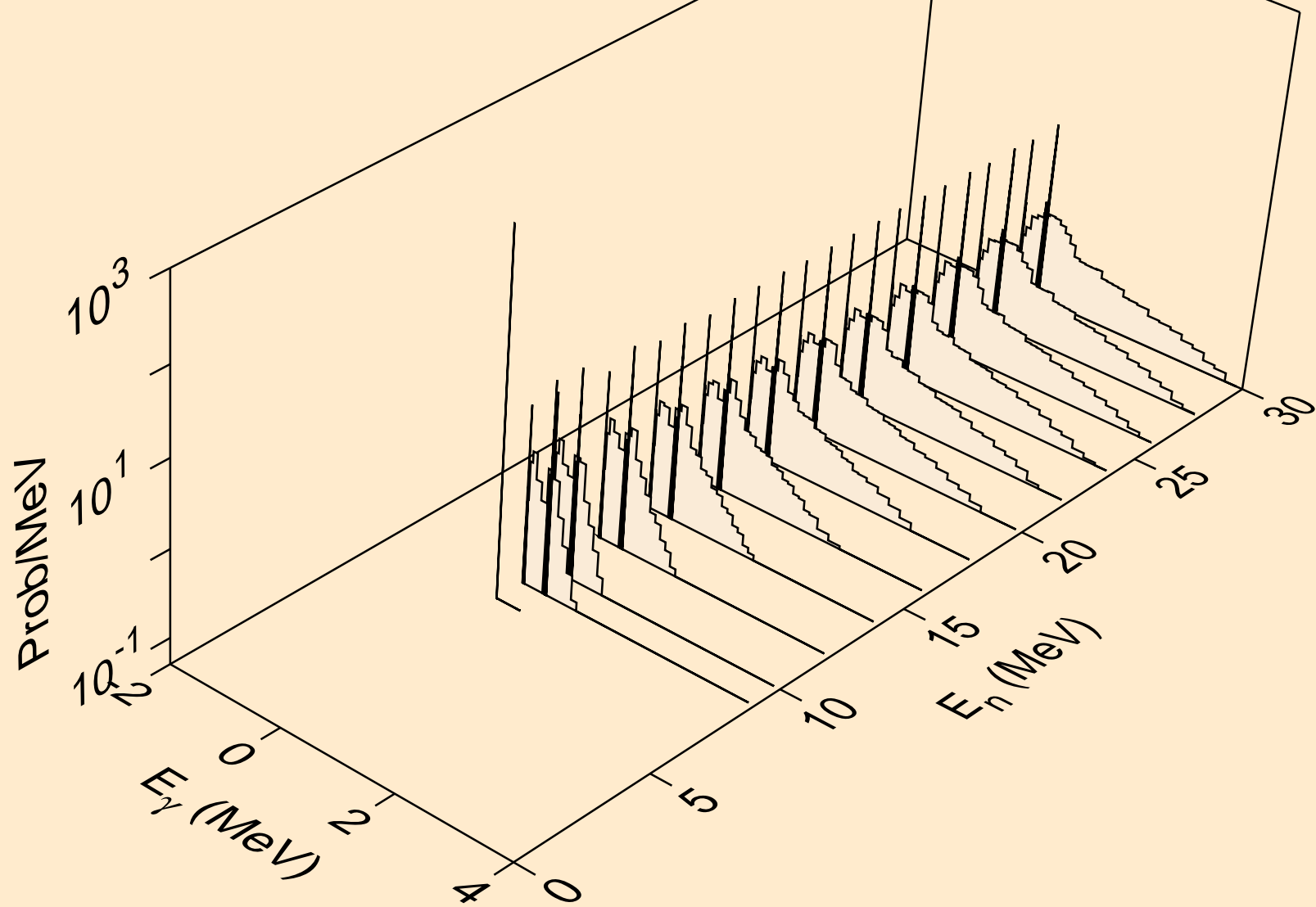
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



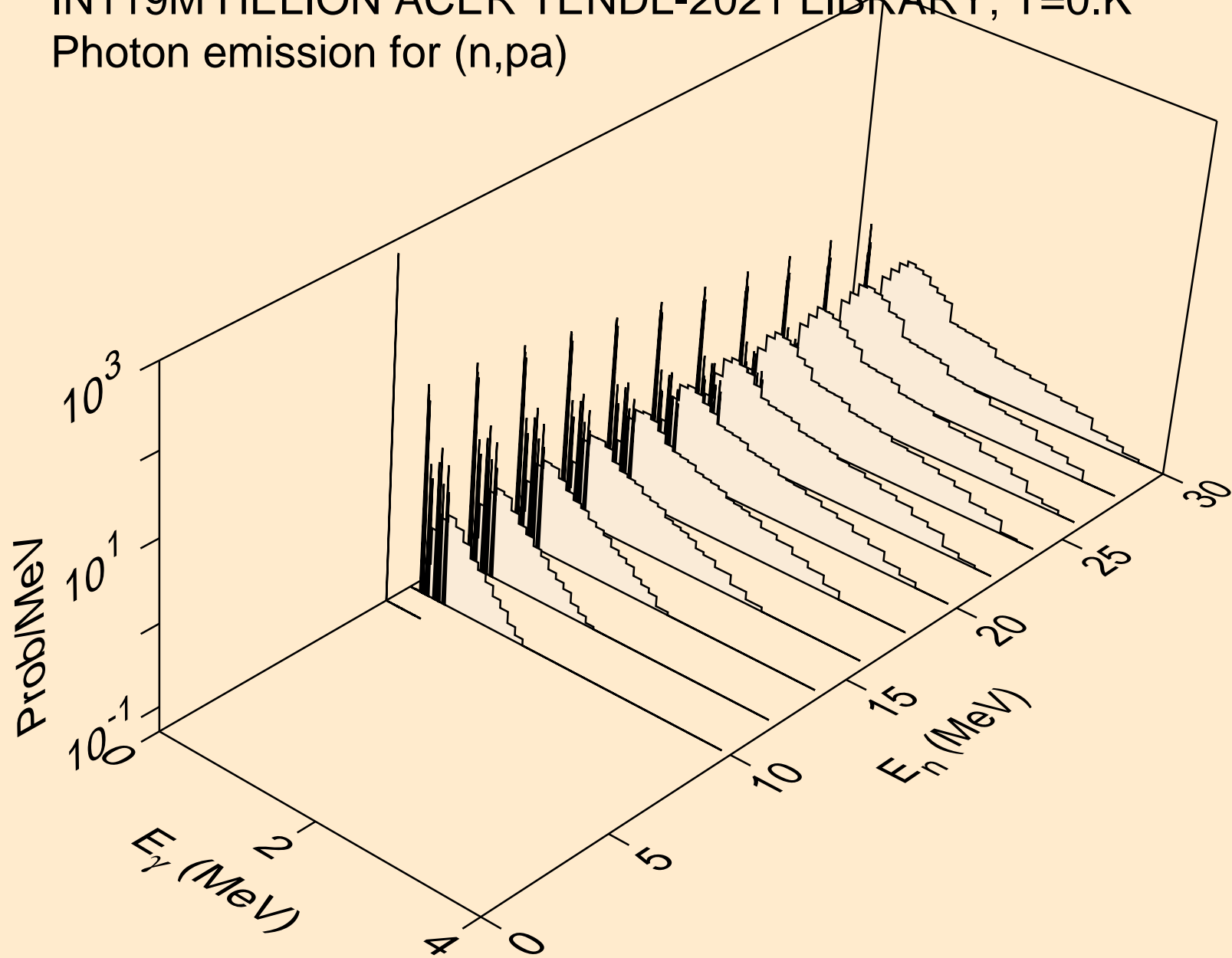
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Photon emission for (n,2a)



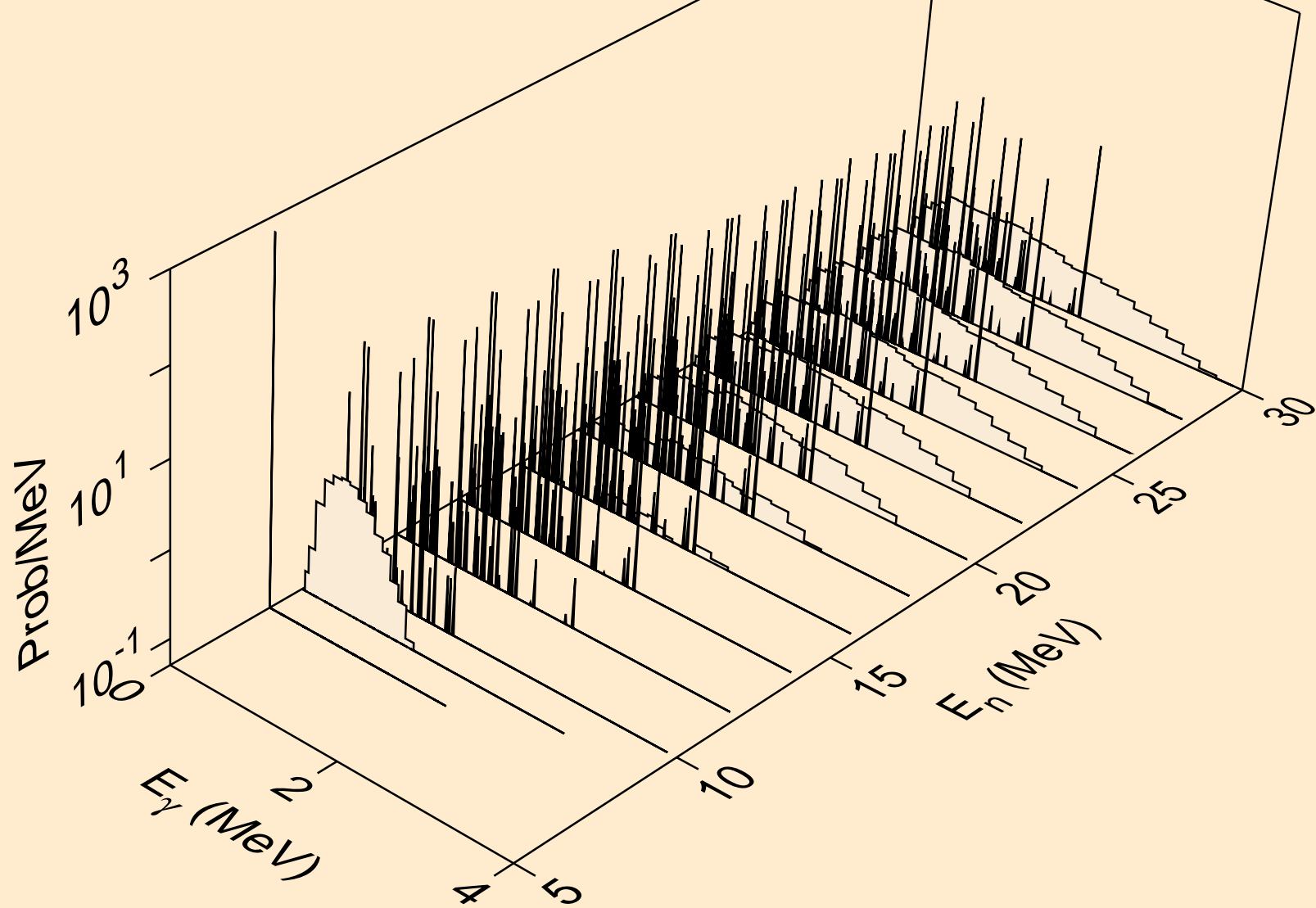
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Photon emission for (n,2p)



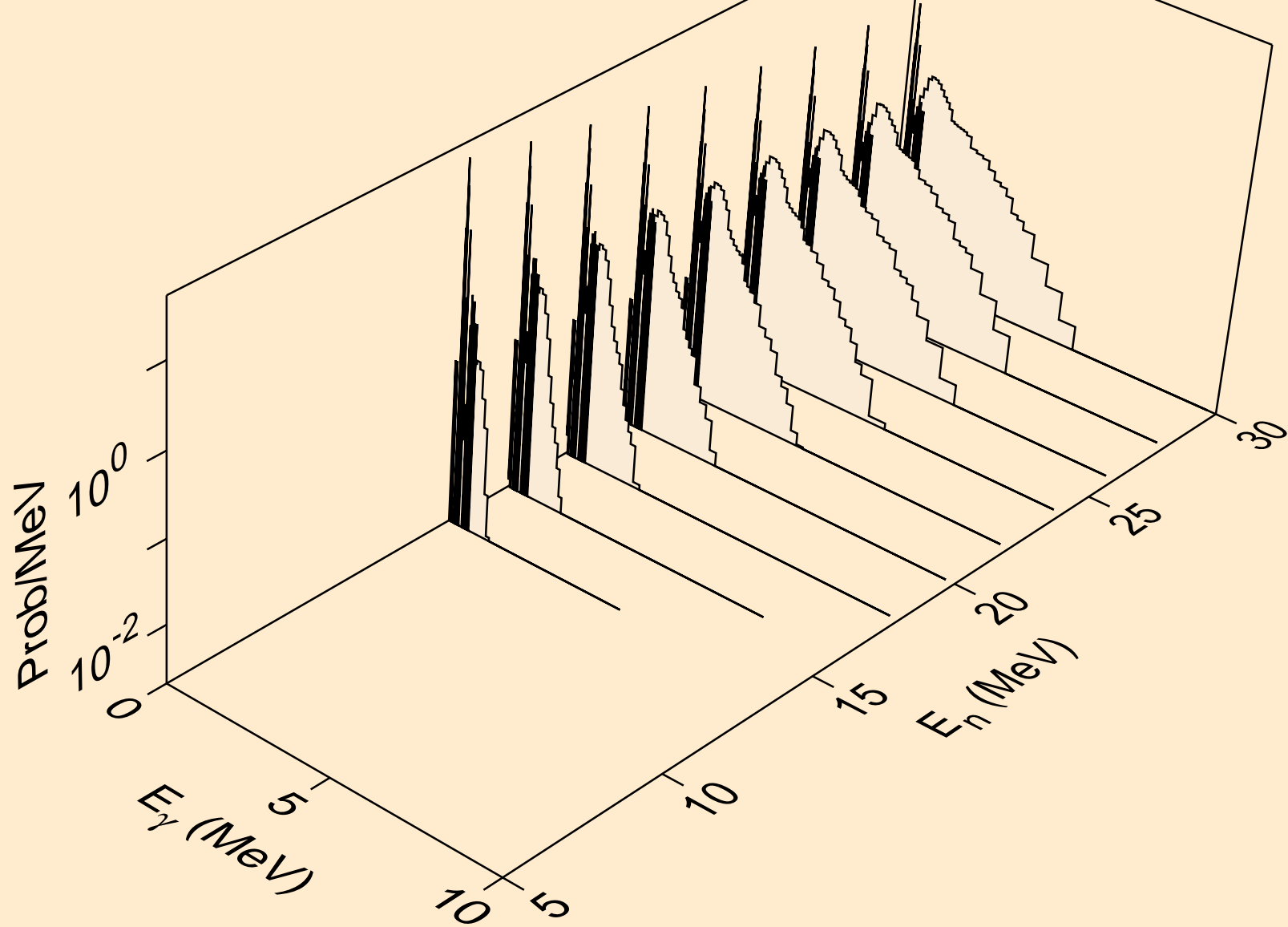
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Photon emission for (n,pa)



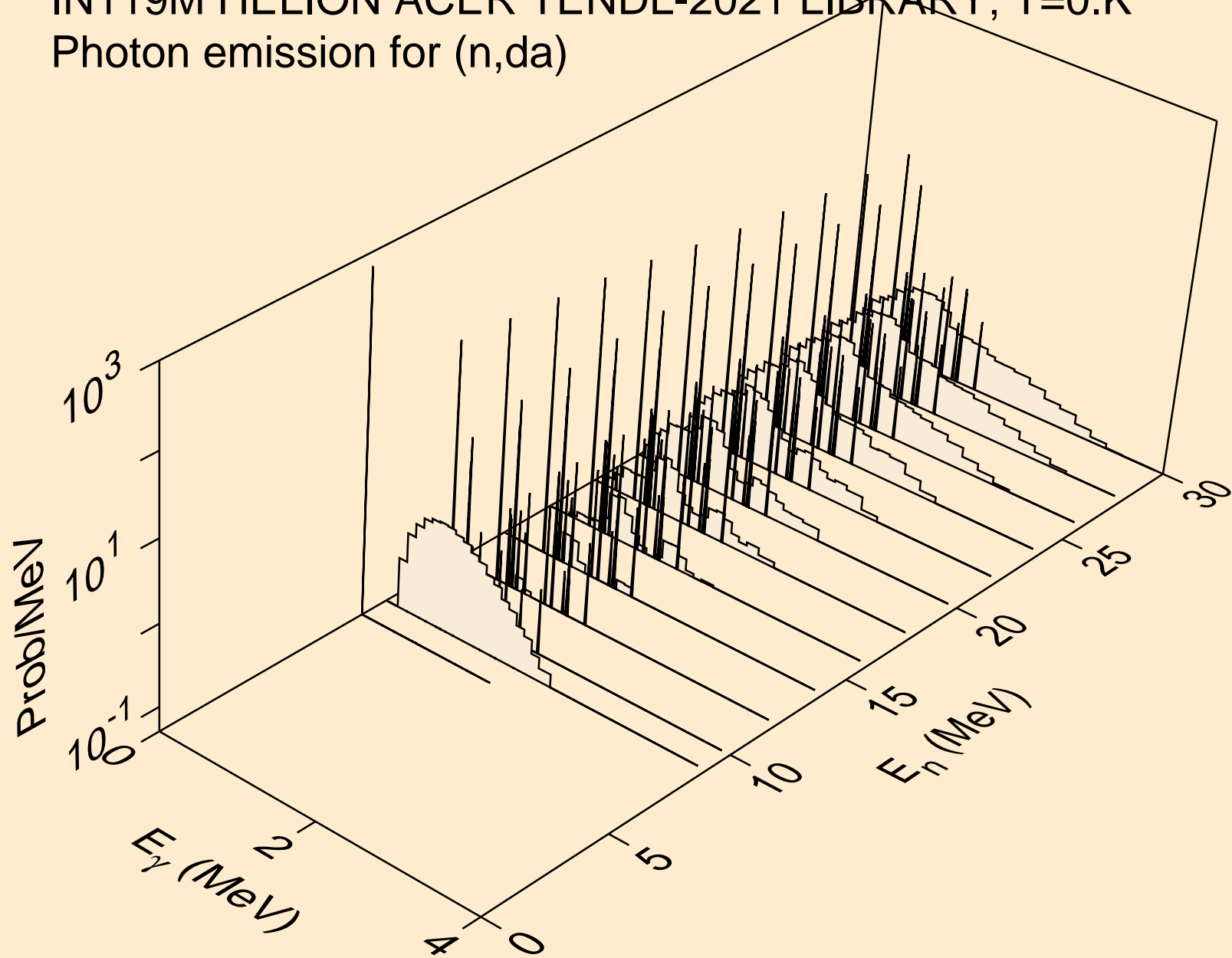
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Photon emission for (n,pd)



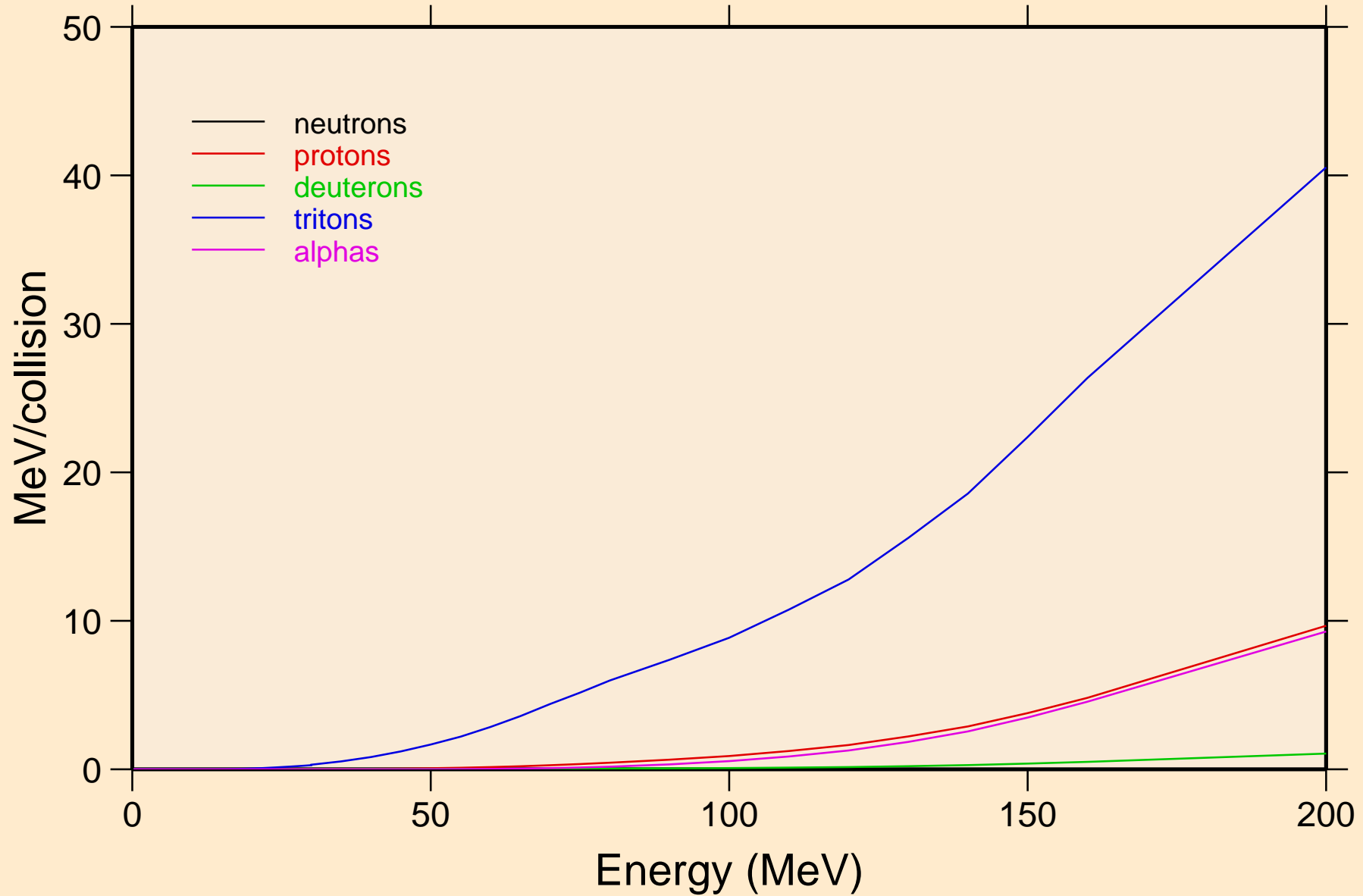
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

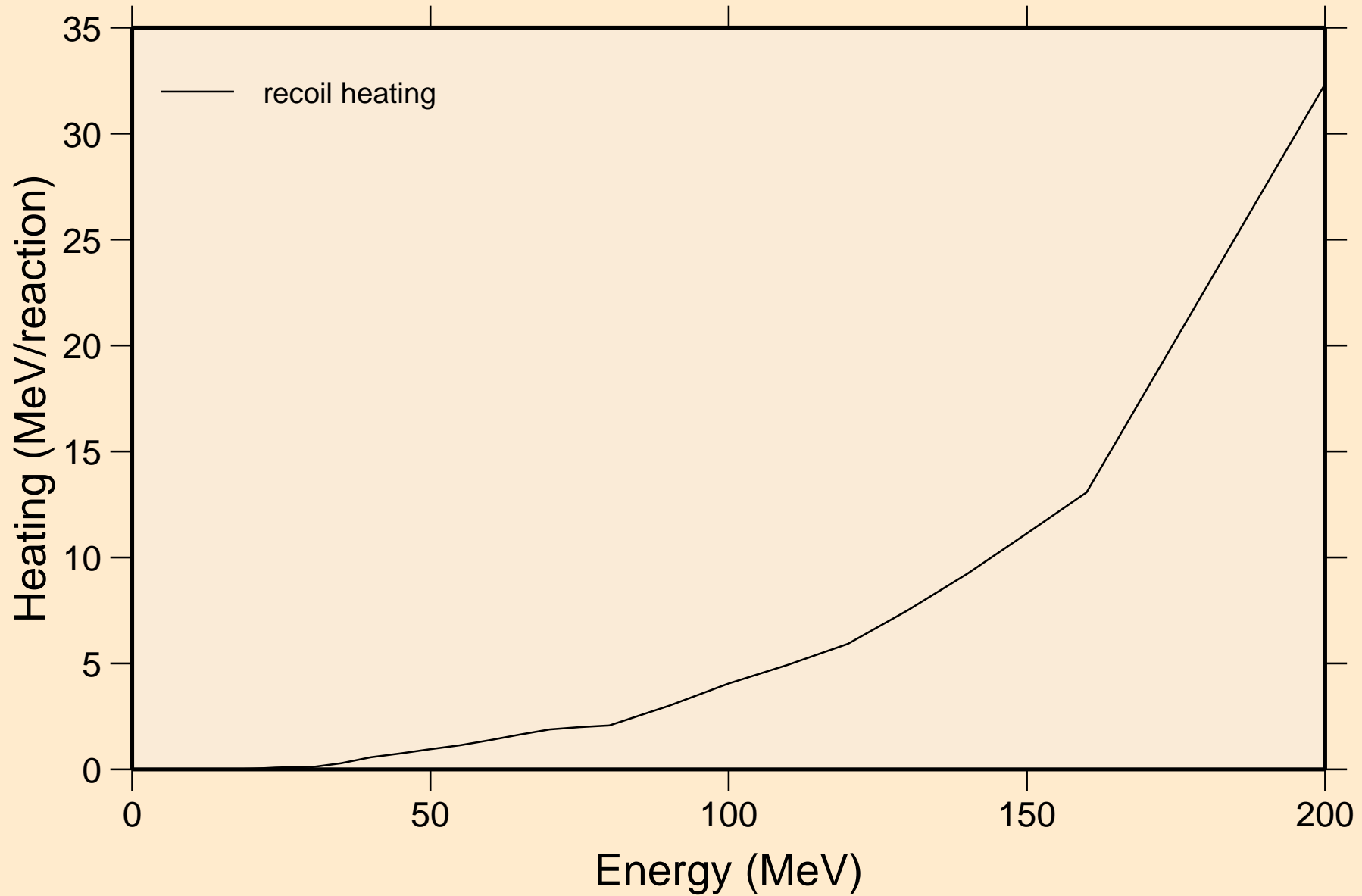


IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

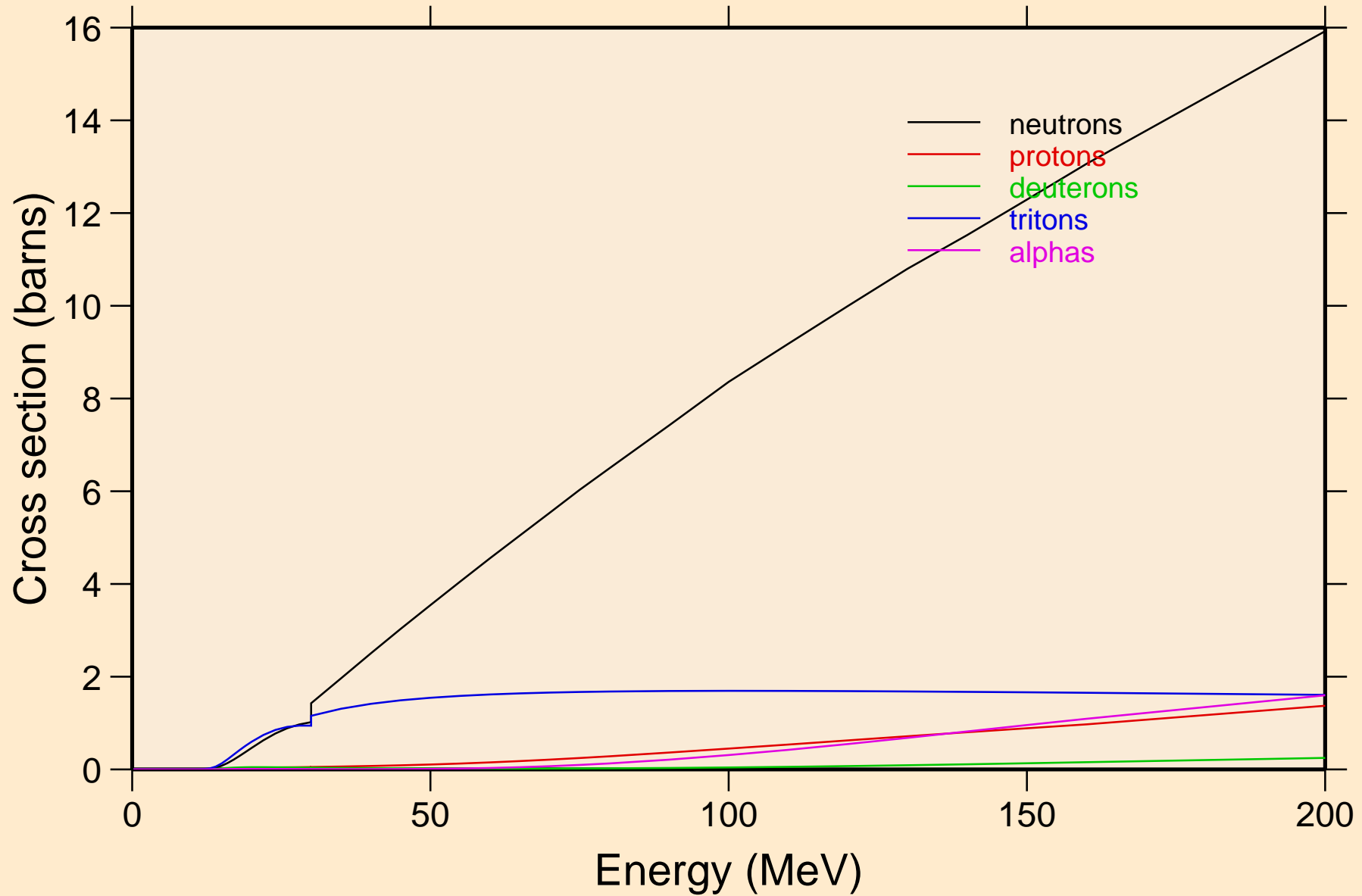




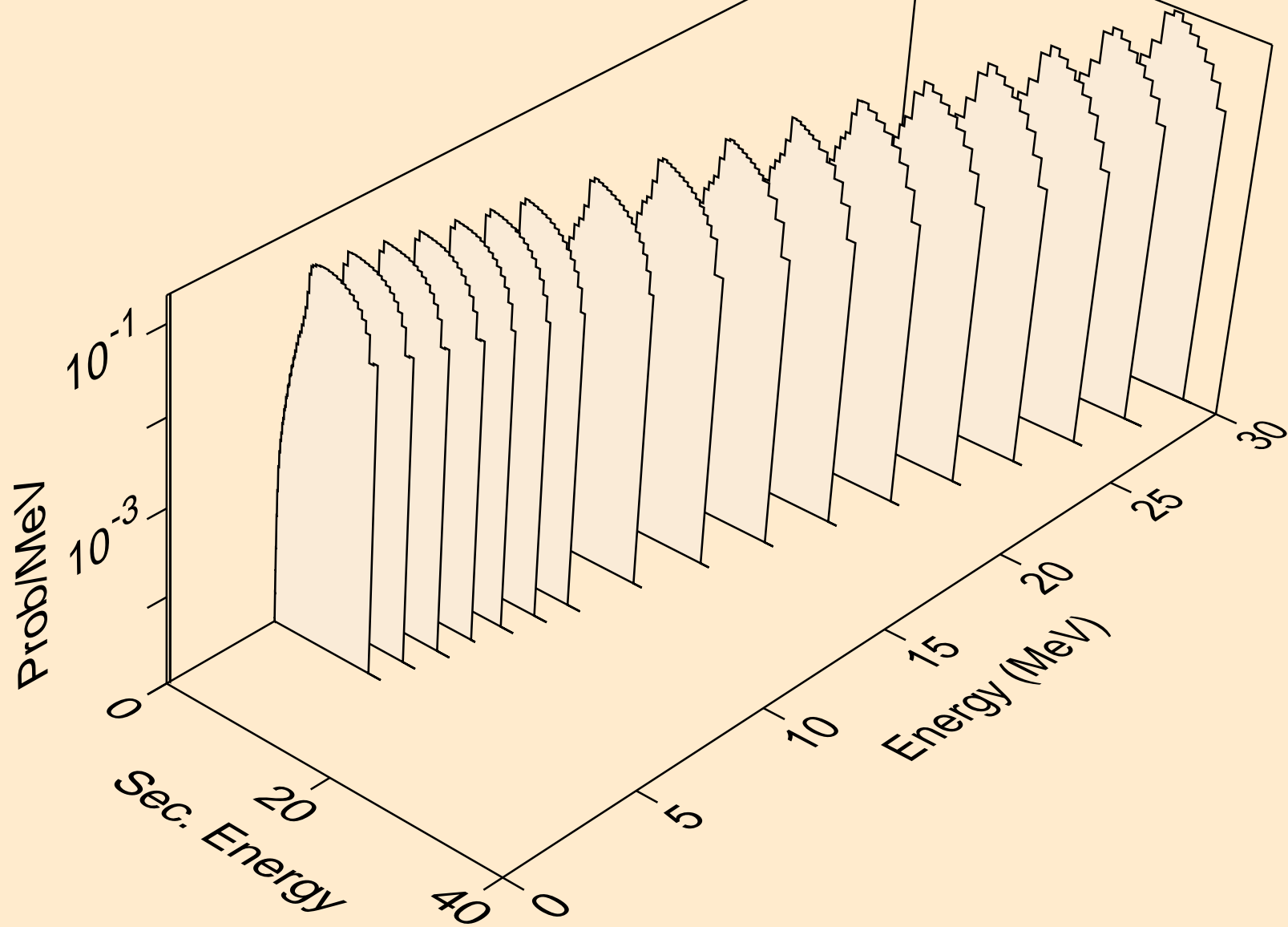
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Recoil Heating



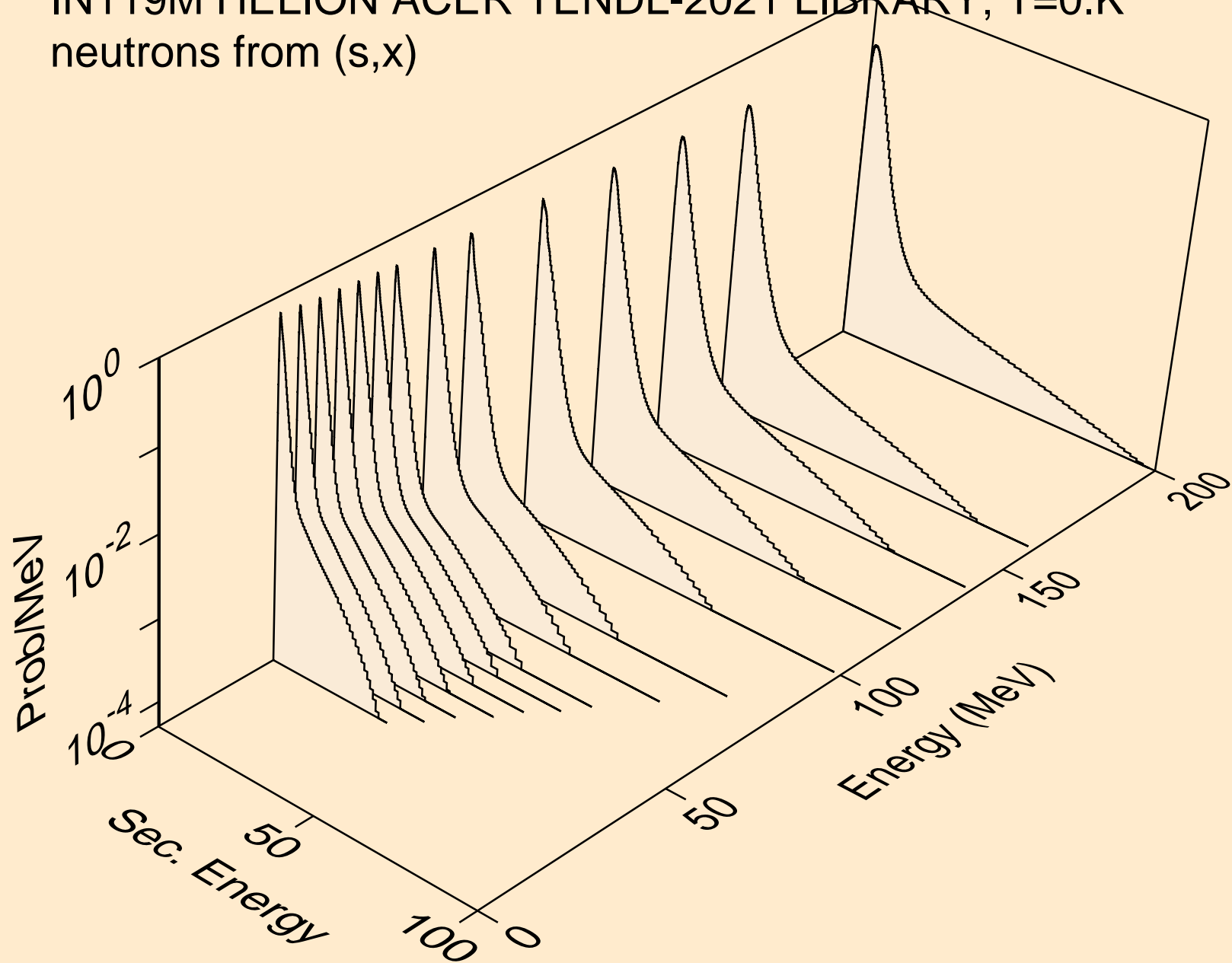
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Particle production cross sections



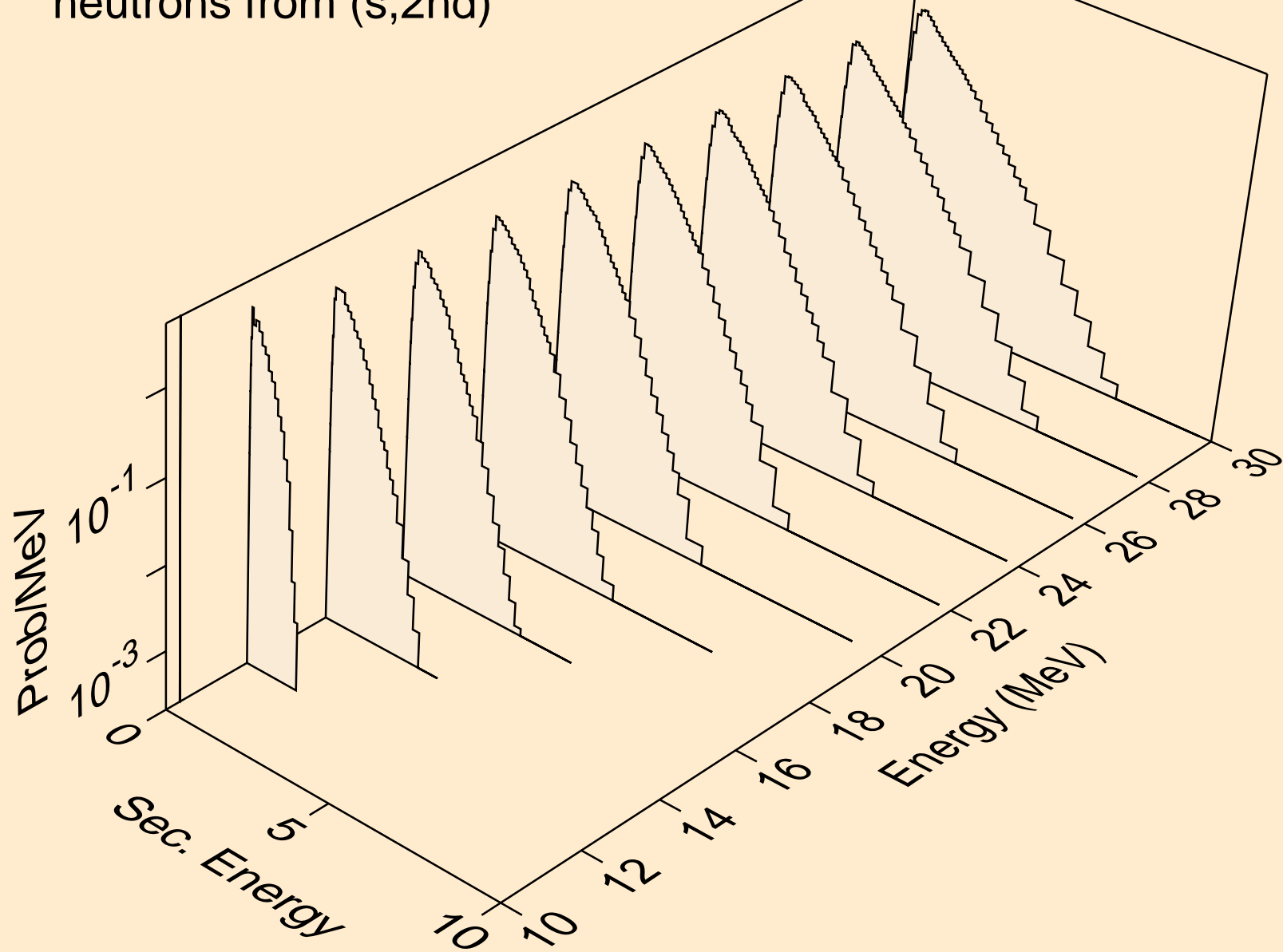
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



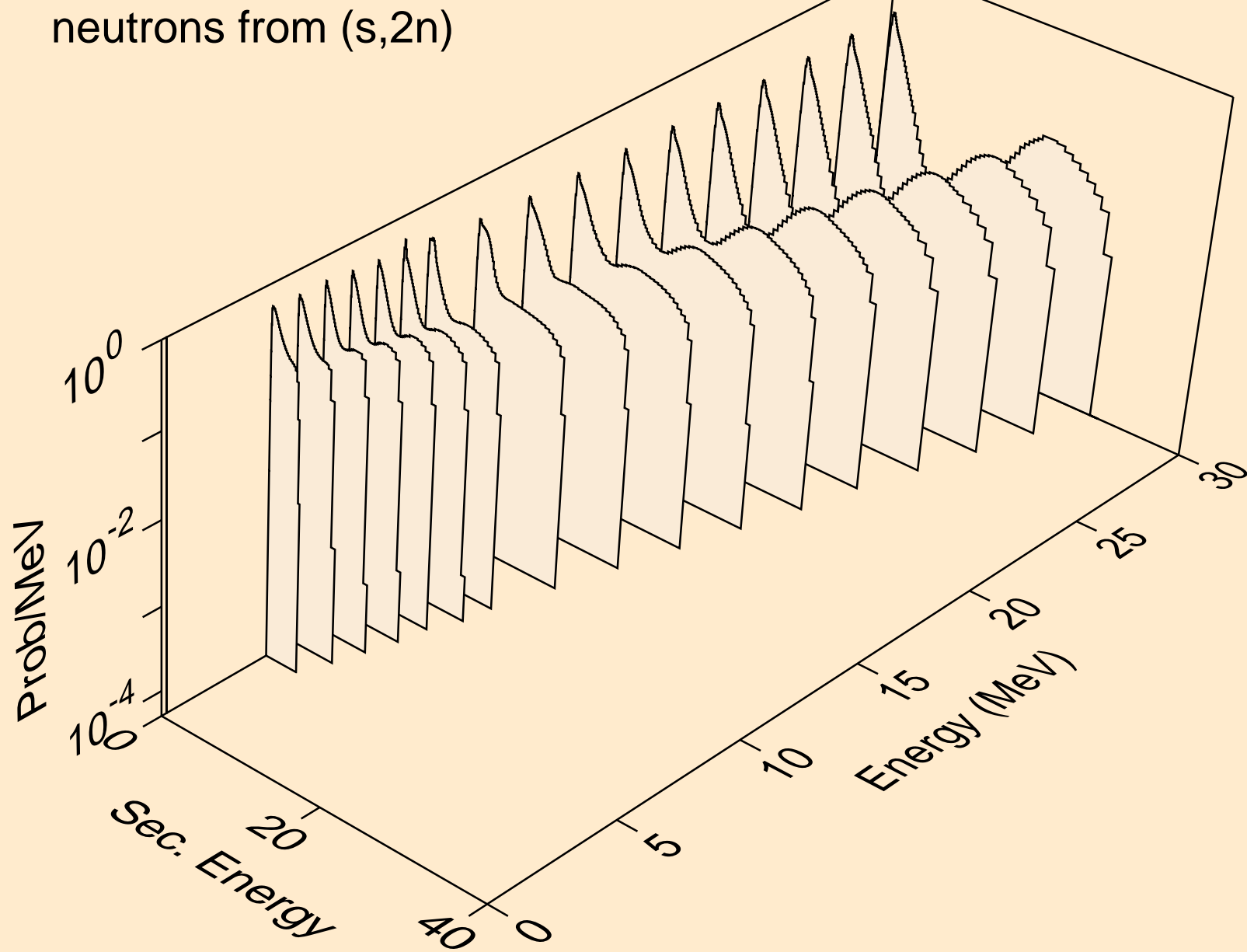
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neutrons from (s,x)



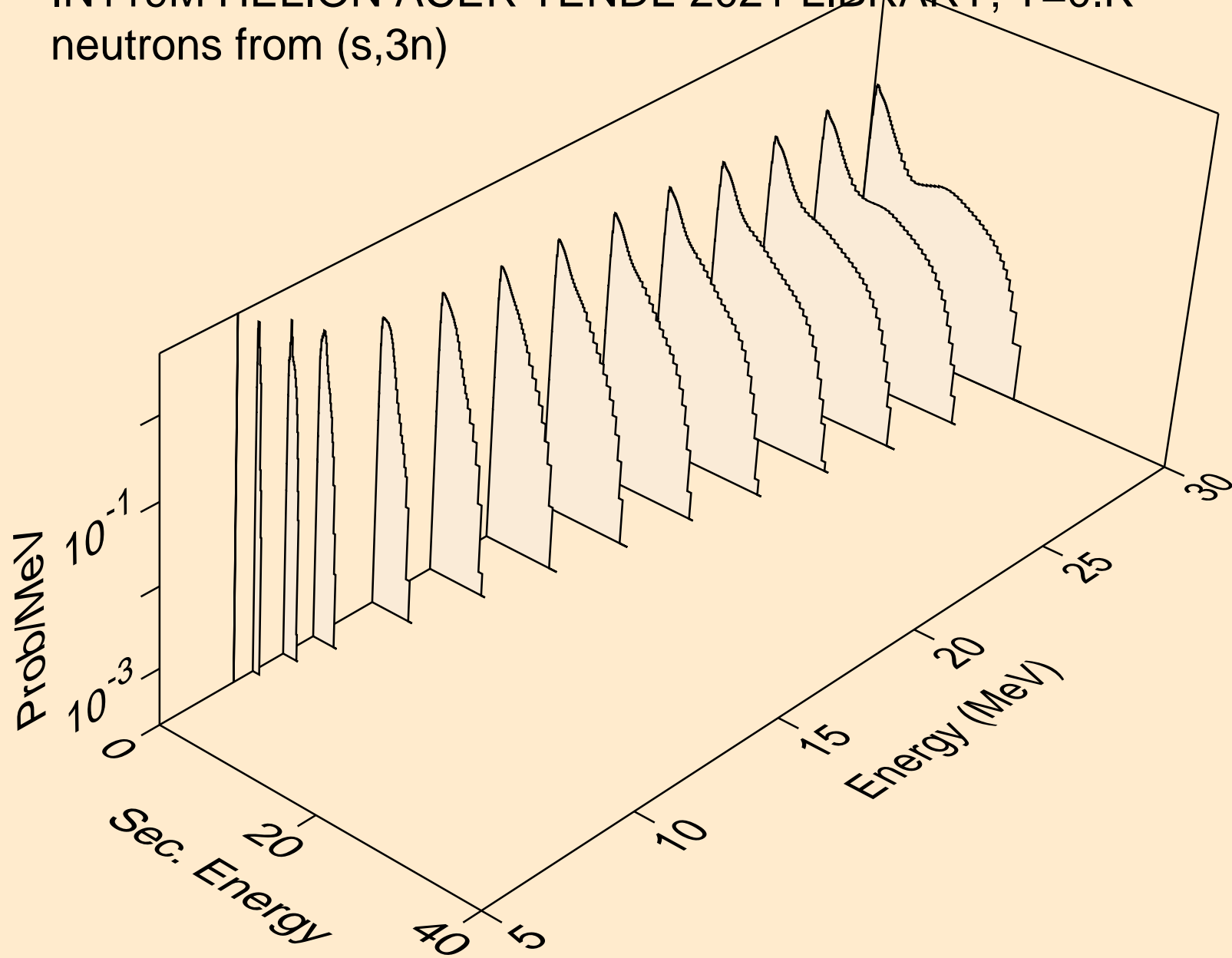
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neutrons from (s,2nd)



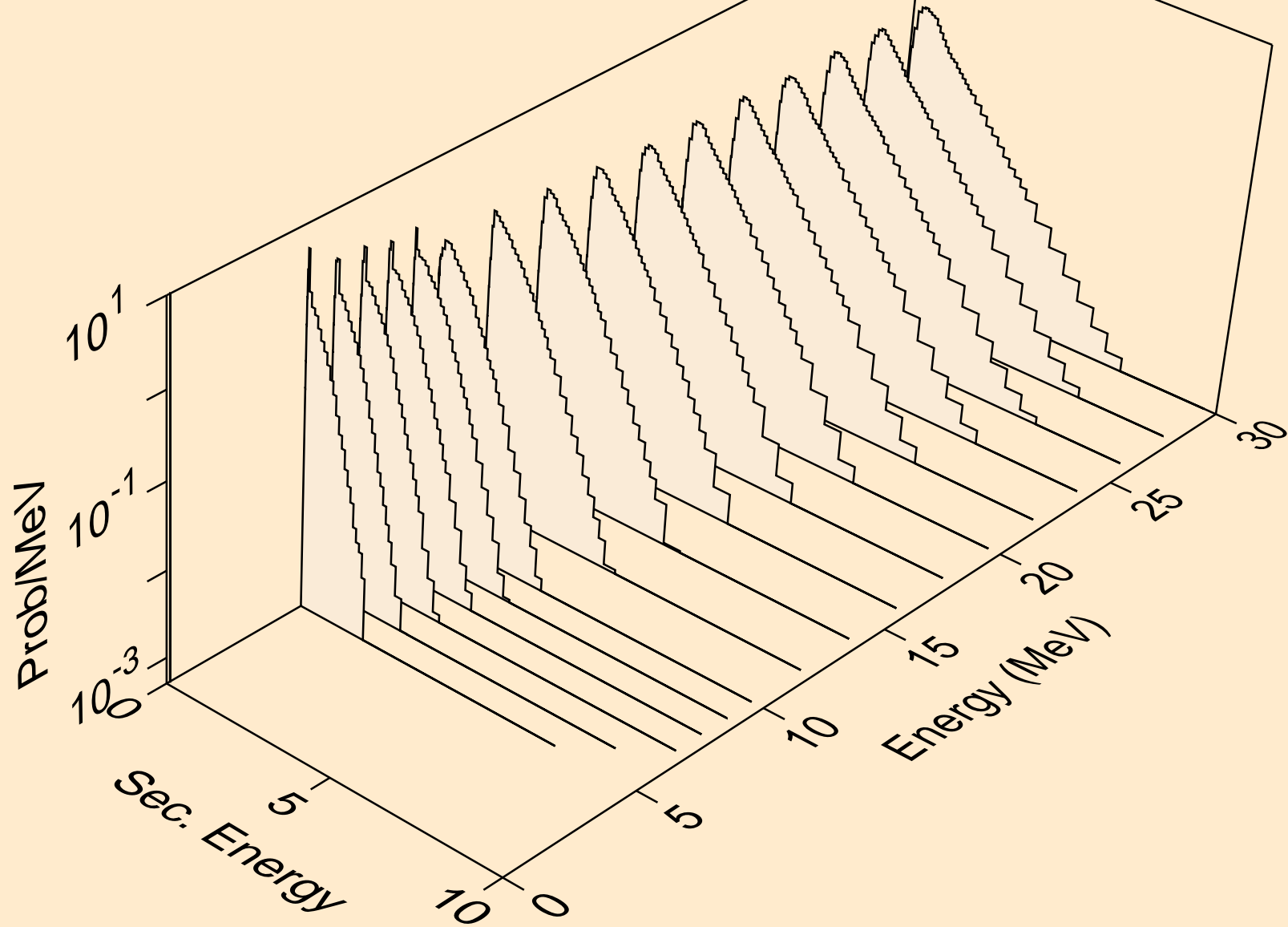
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

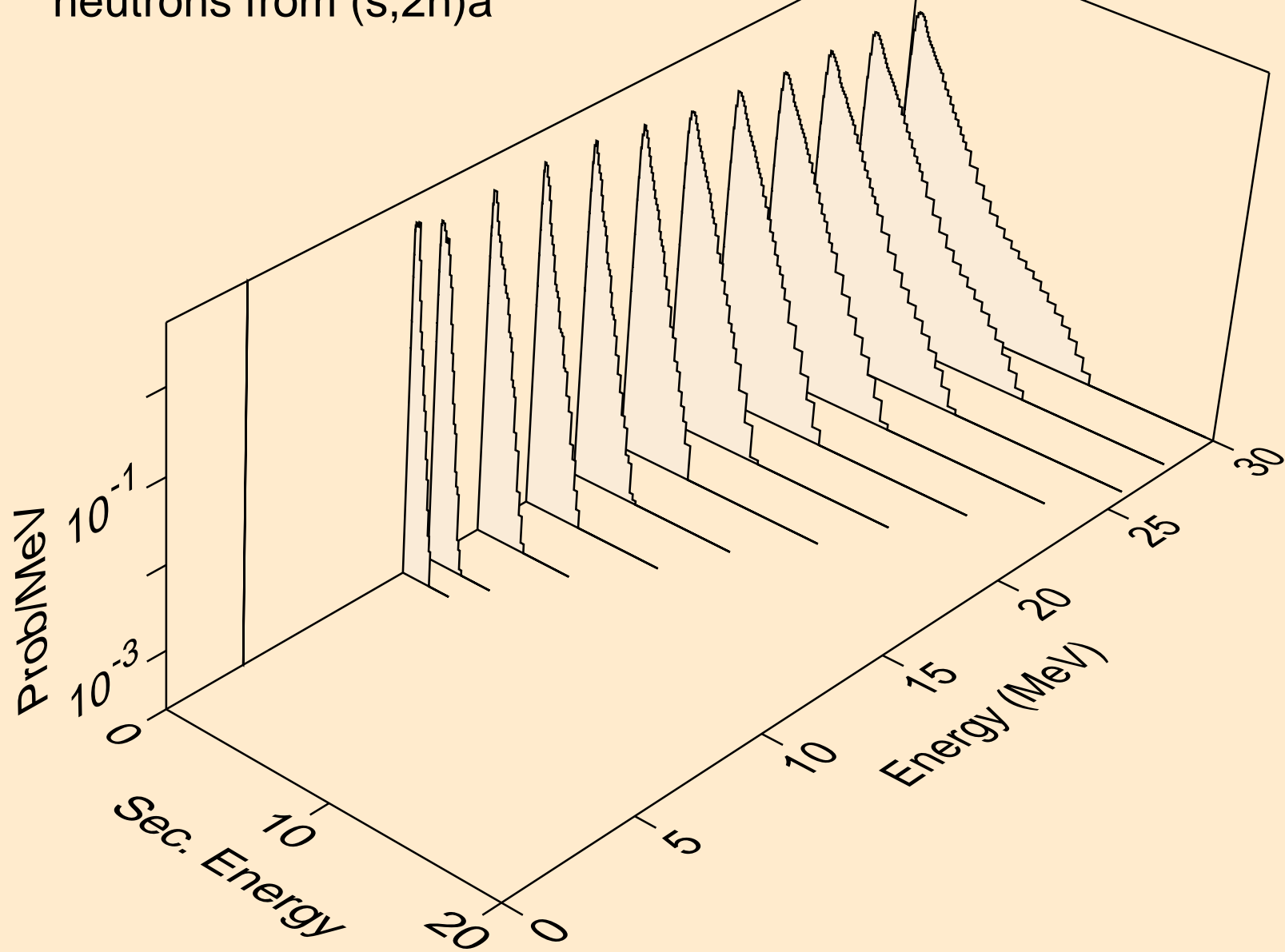


IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

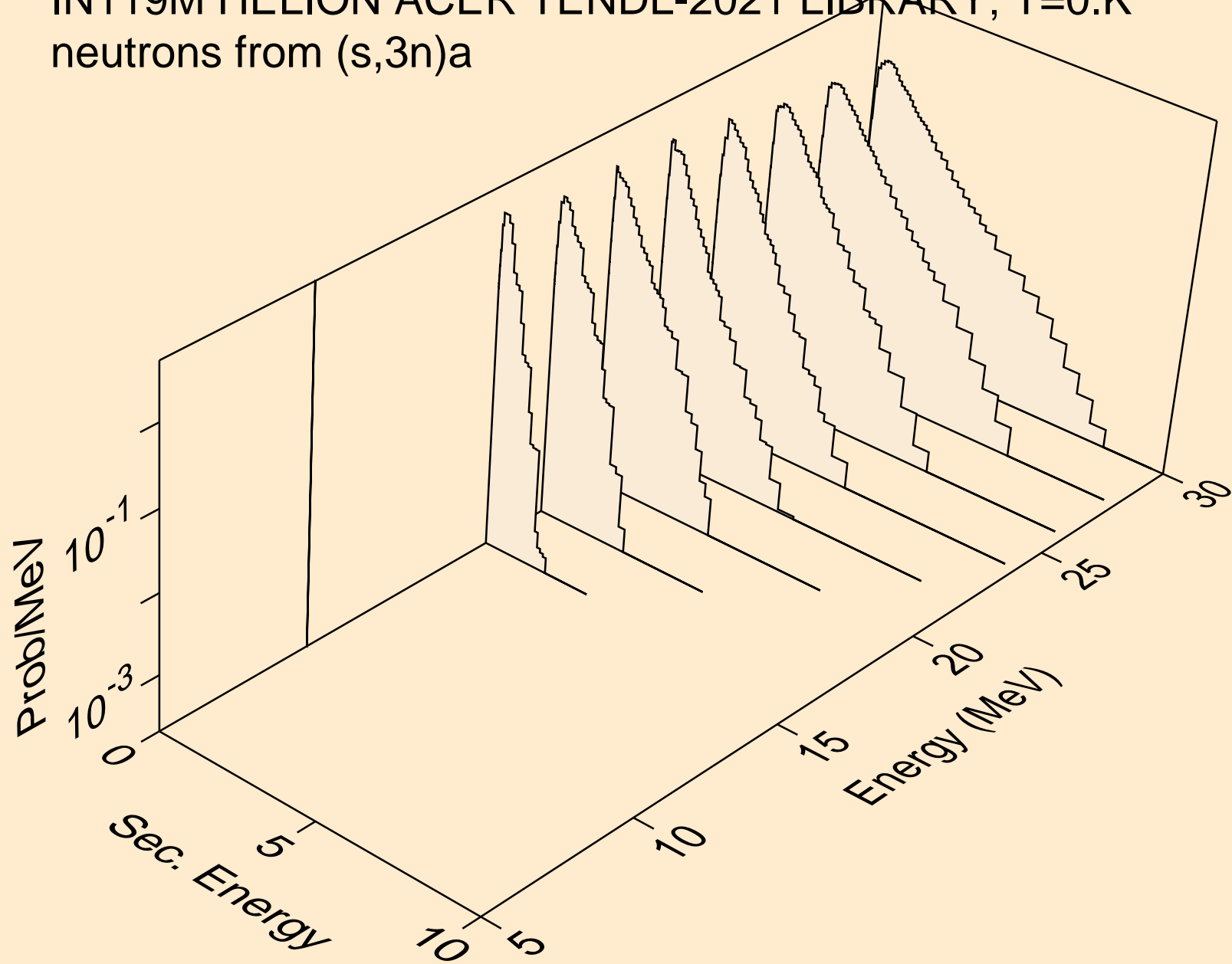




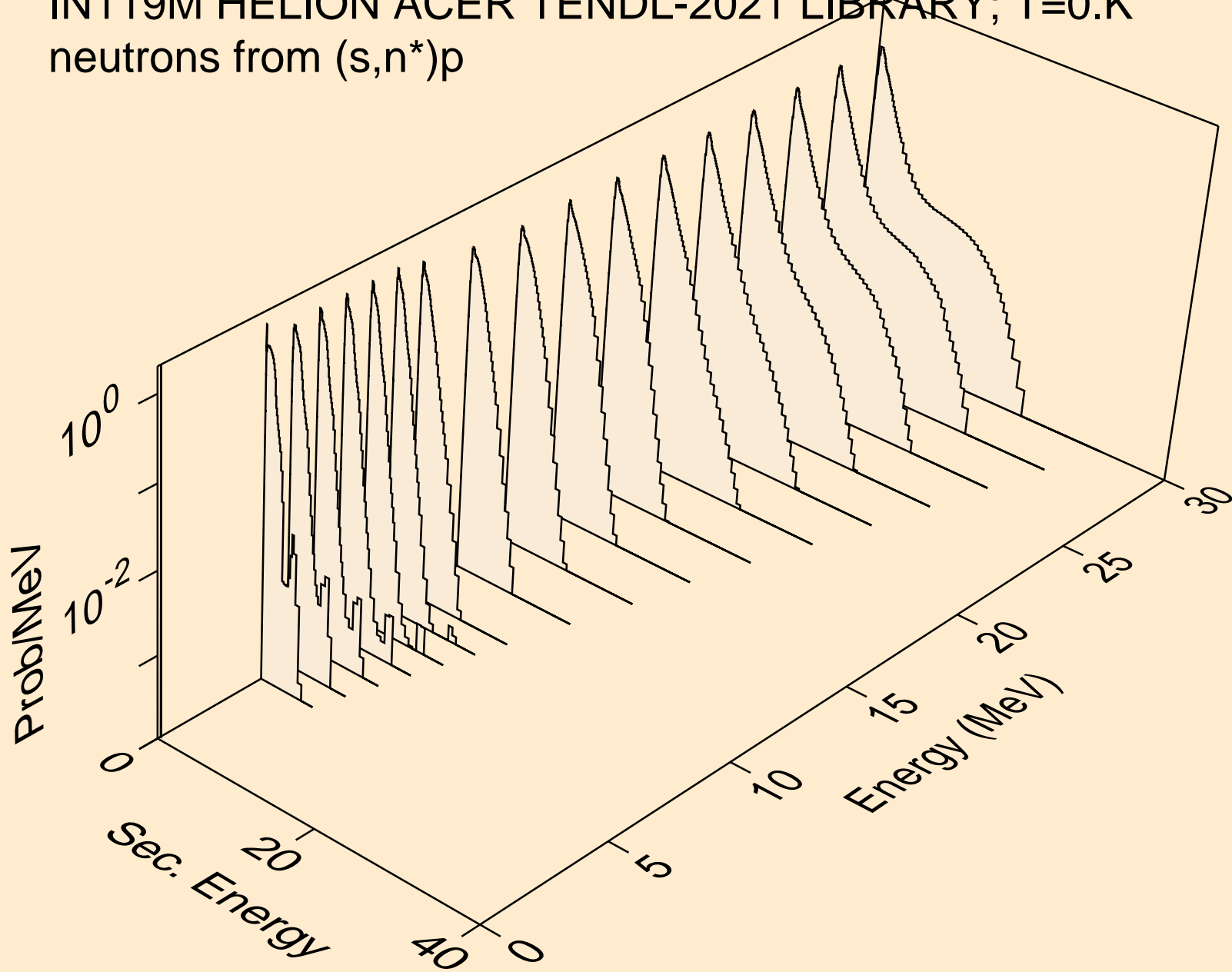
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



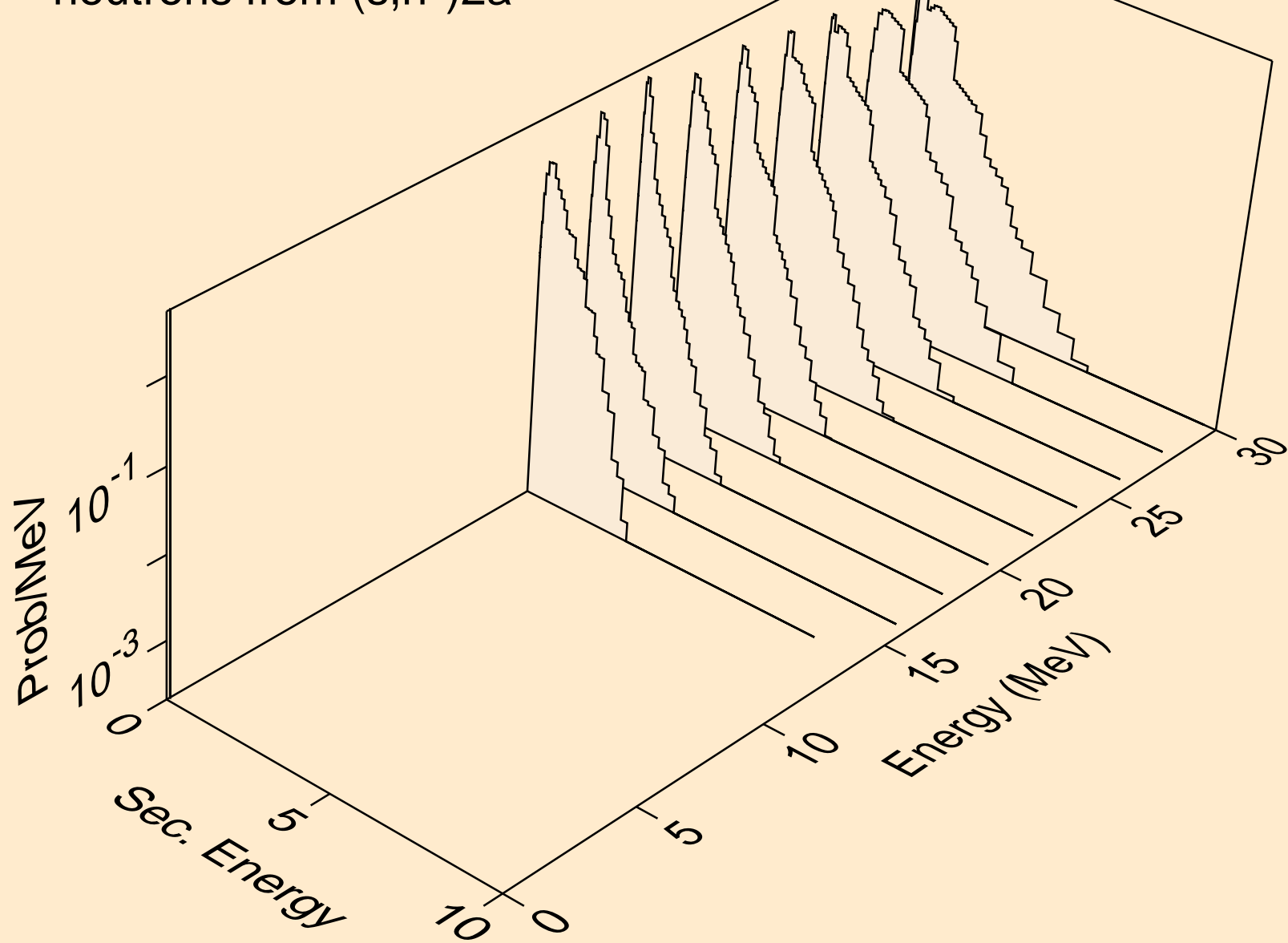
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neutrons from (s,3n)a



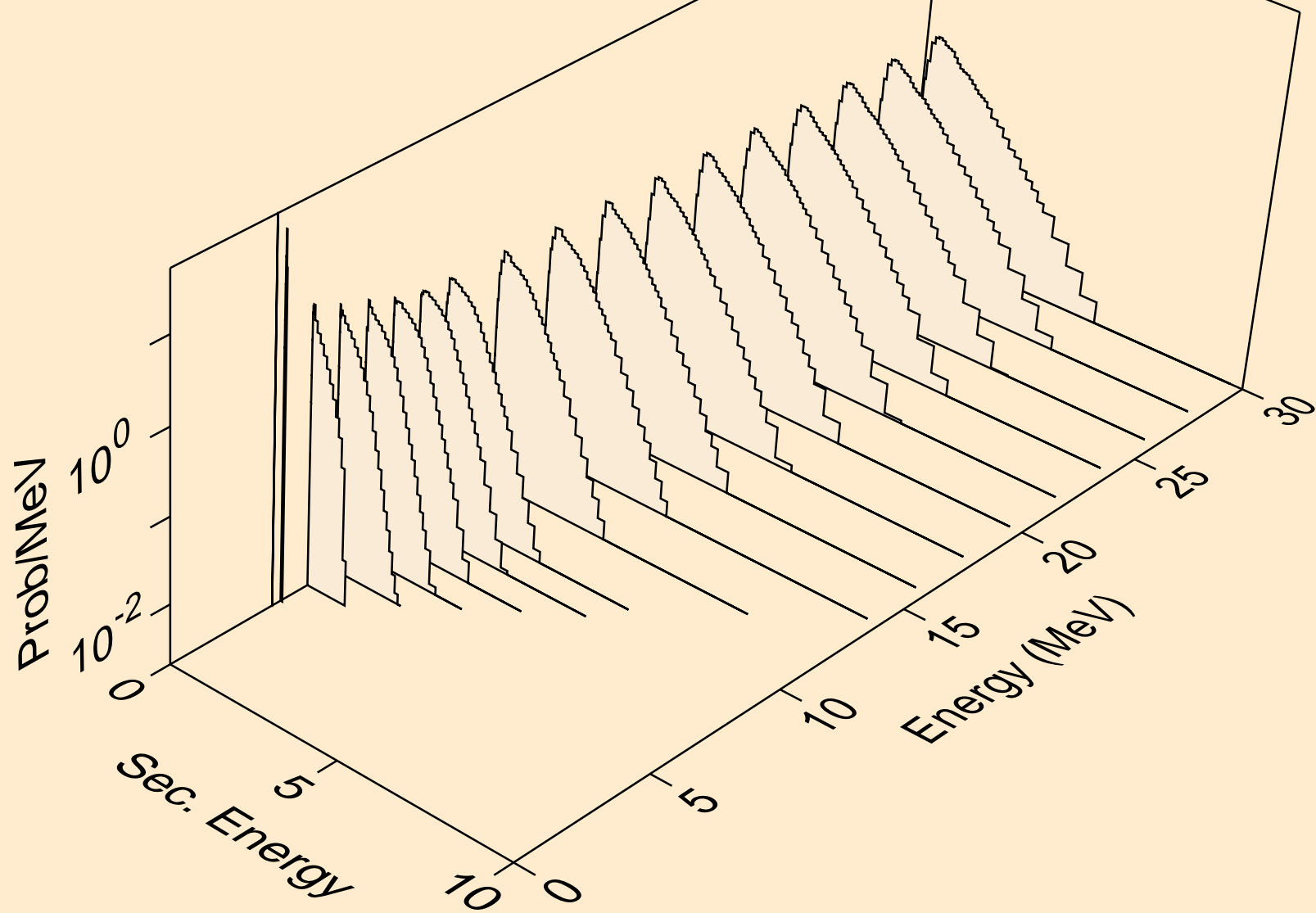
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



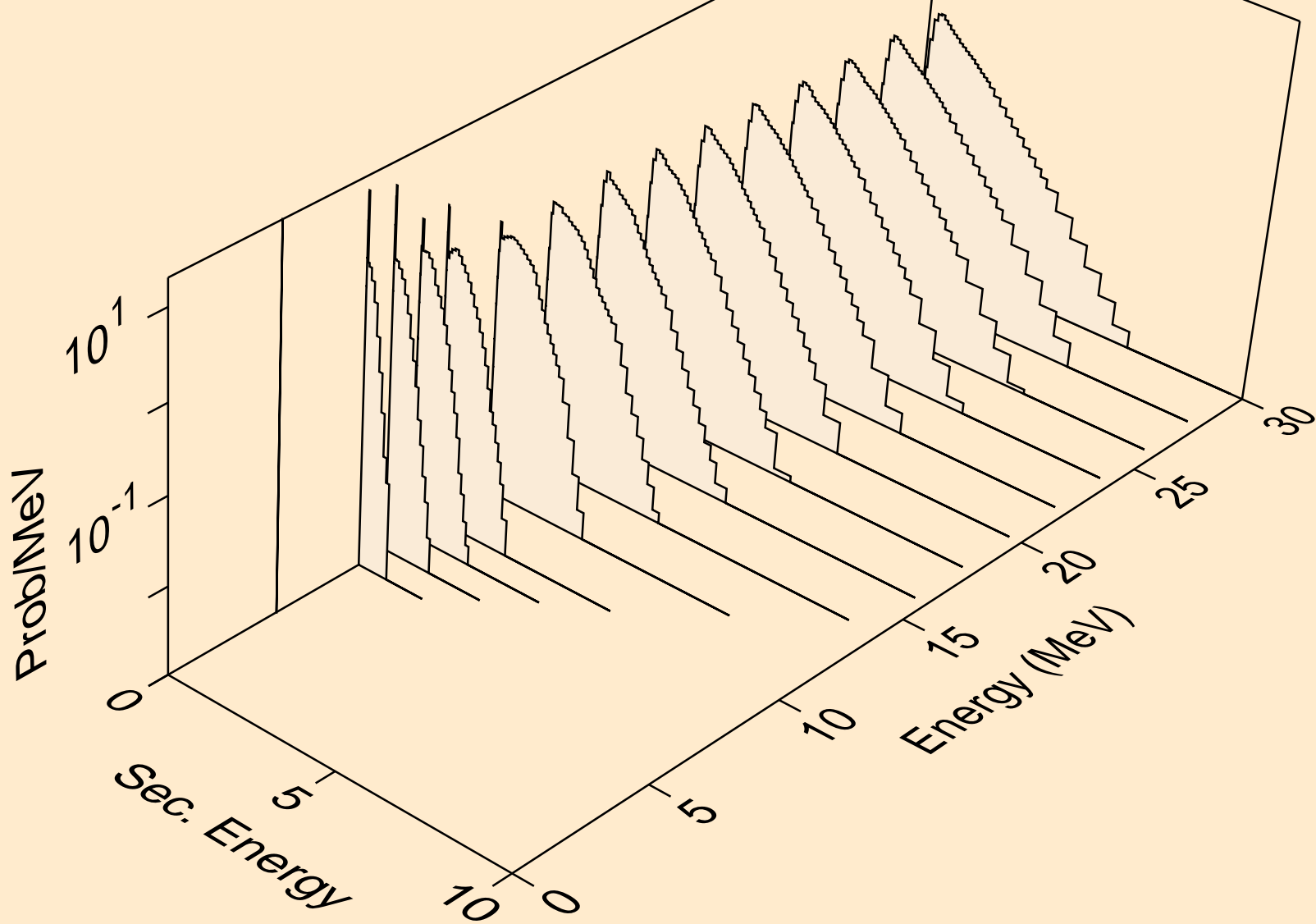
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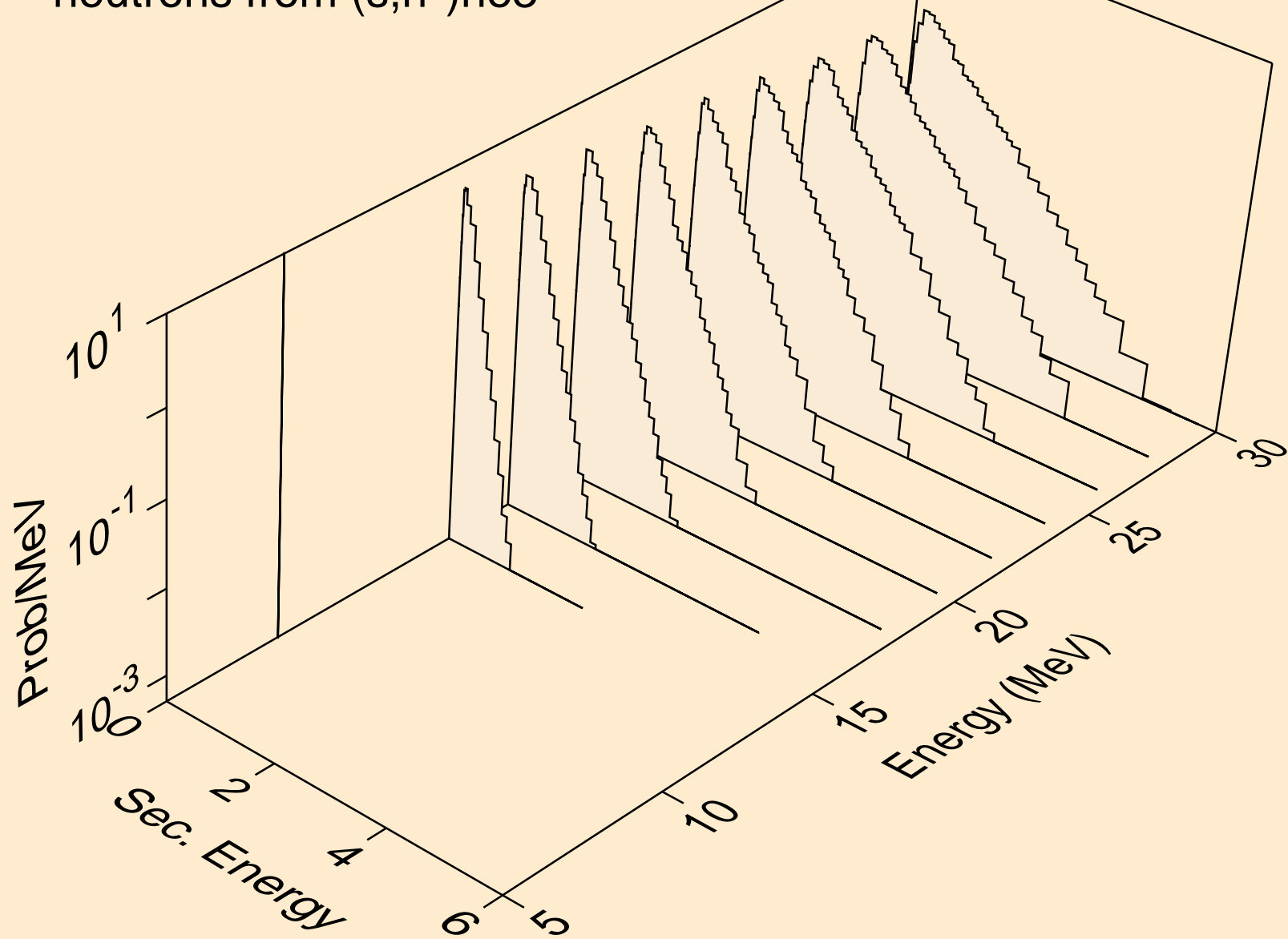
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neutrons from (s,n\*)d



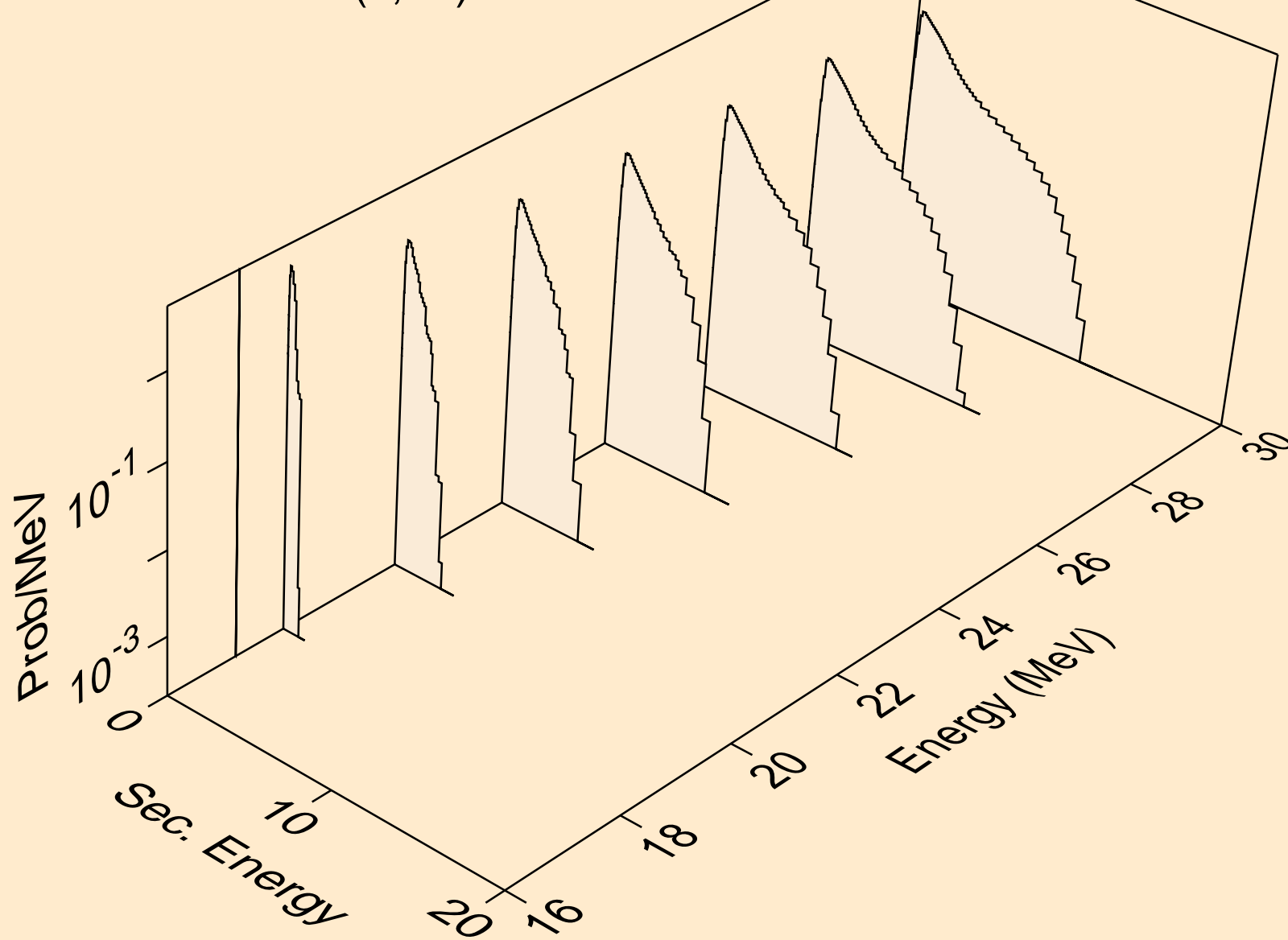
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

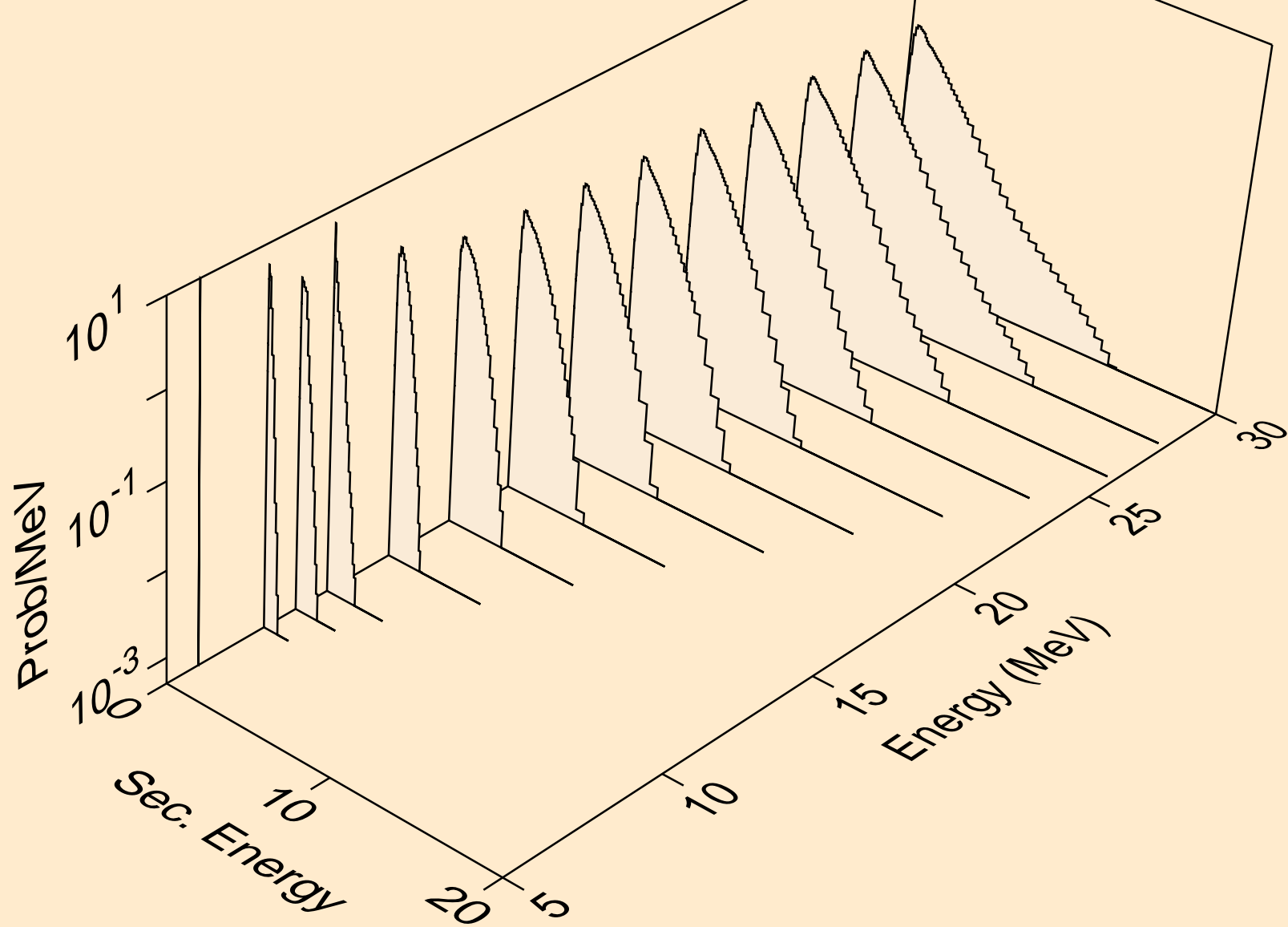


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neutrons from (s,4n)

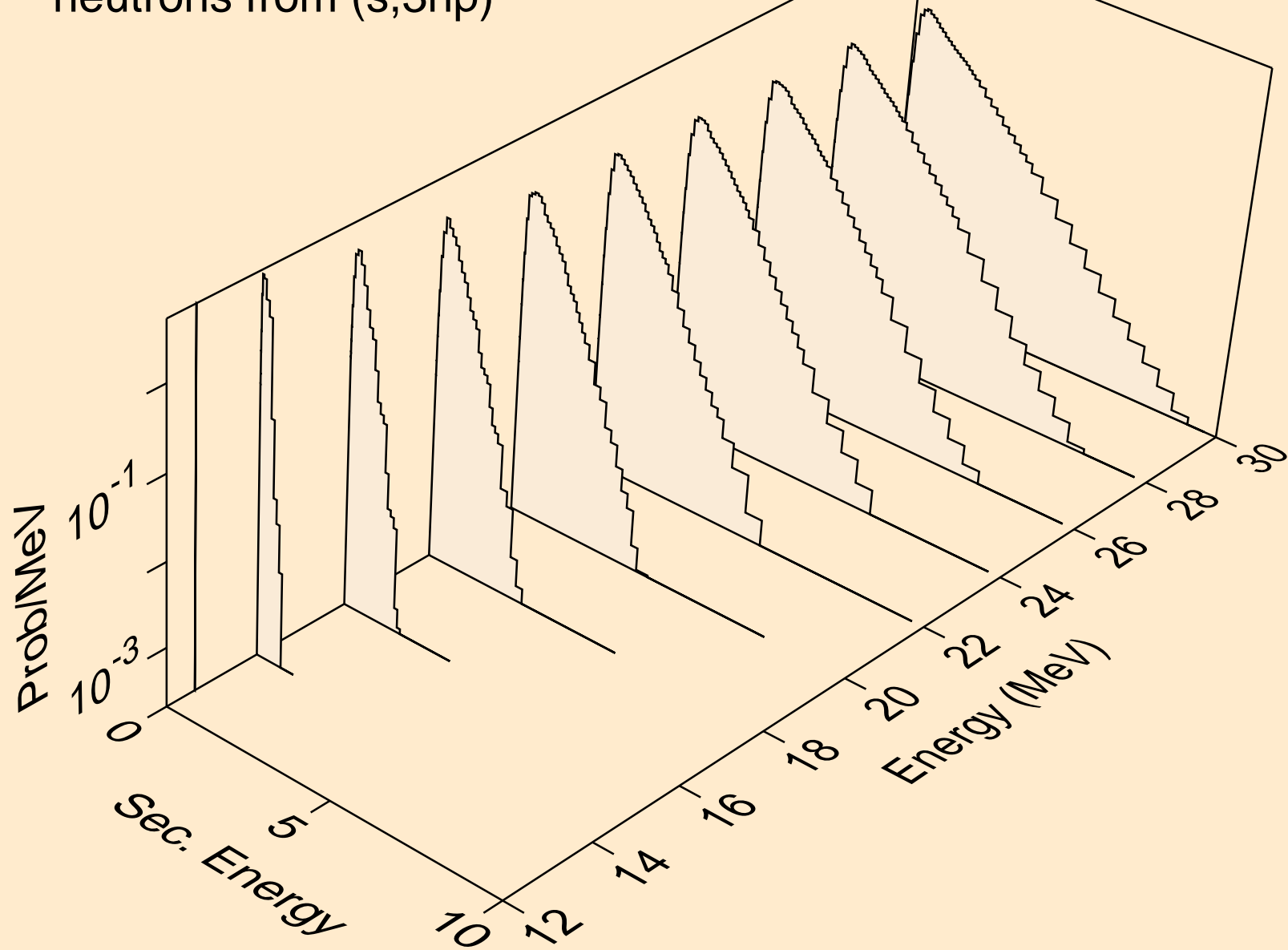




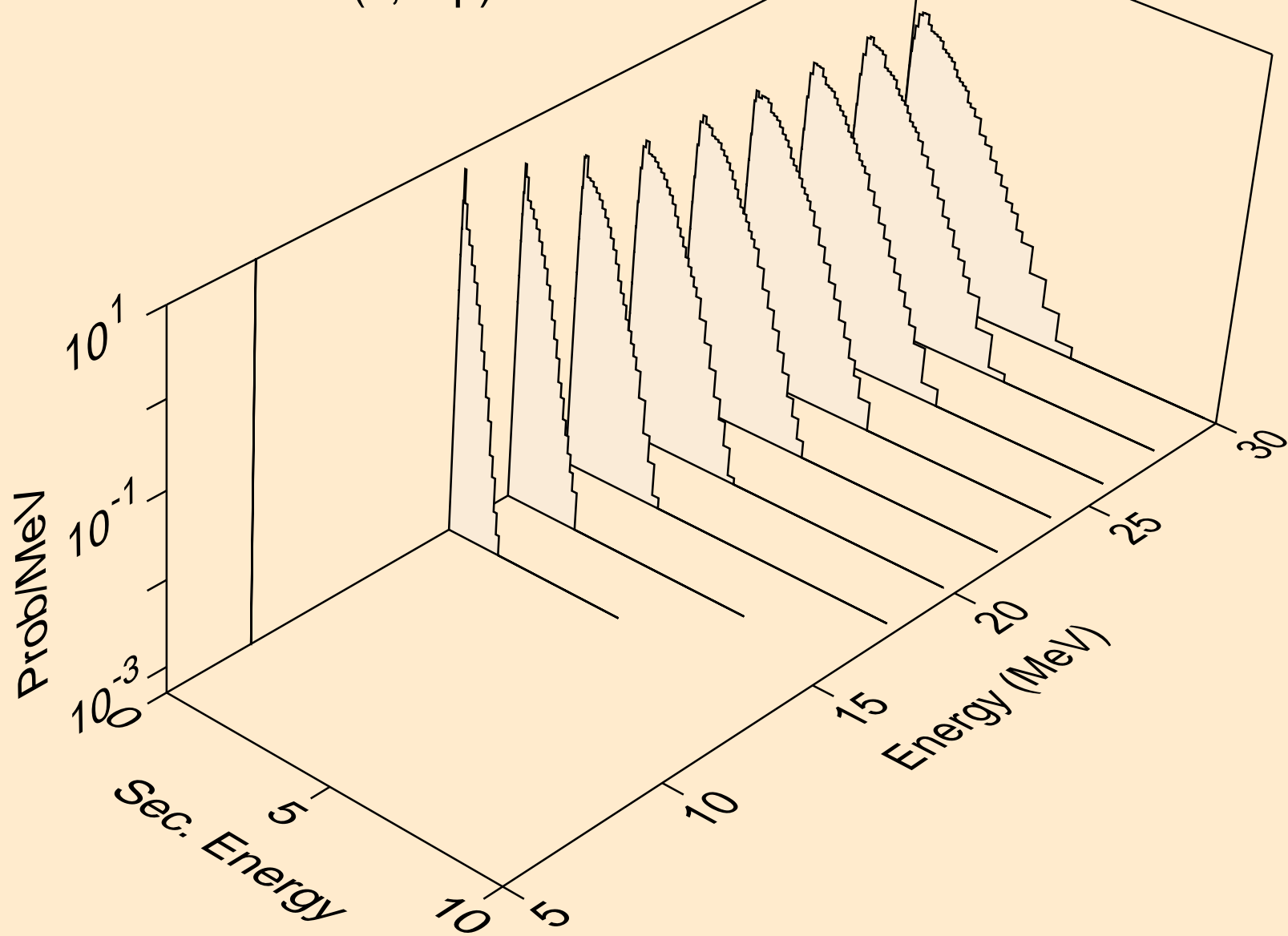
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neutrons from (s,2np)



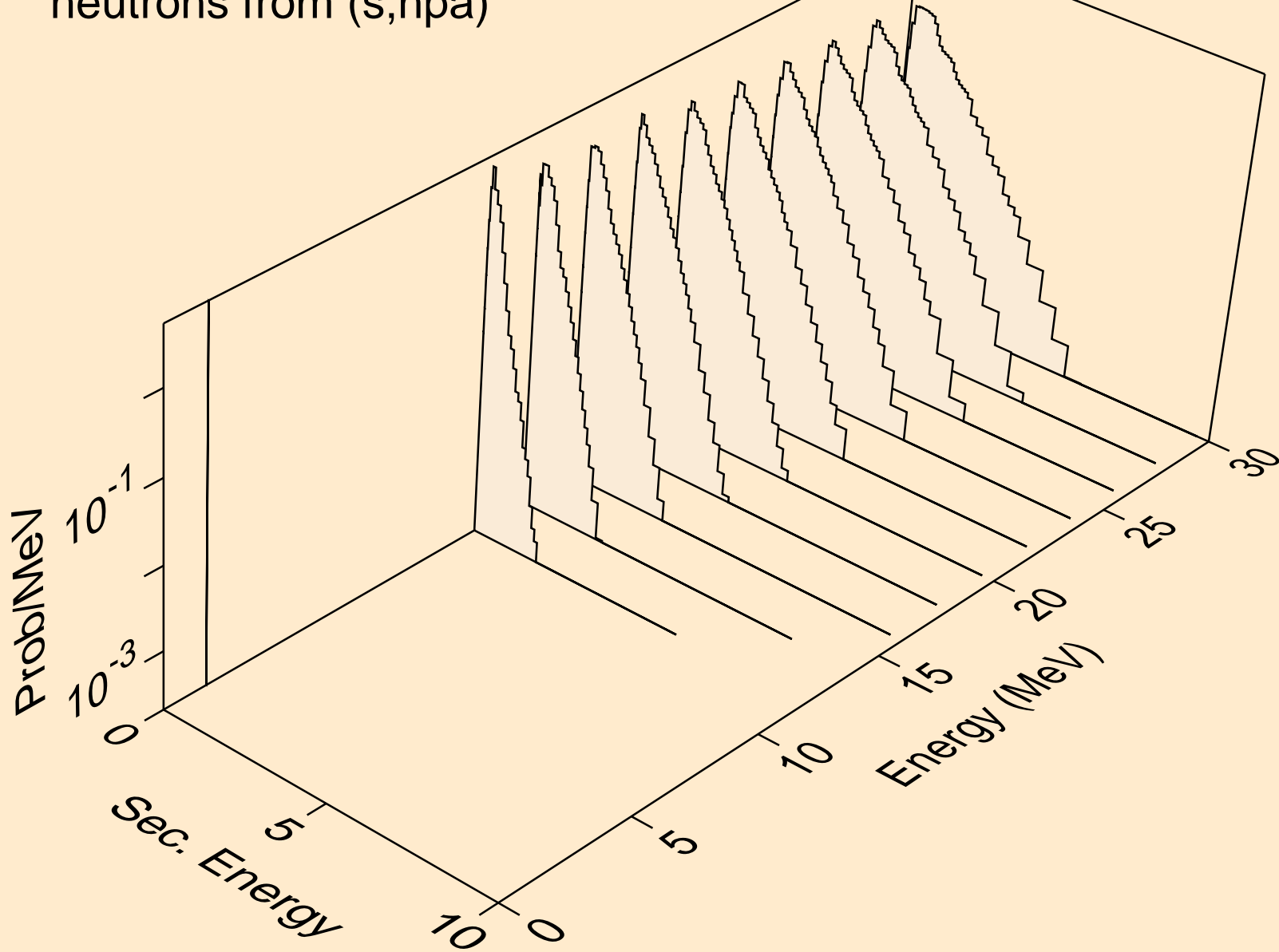
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neutrons from (s,3np)



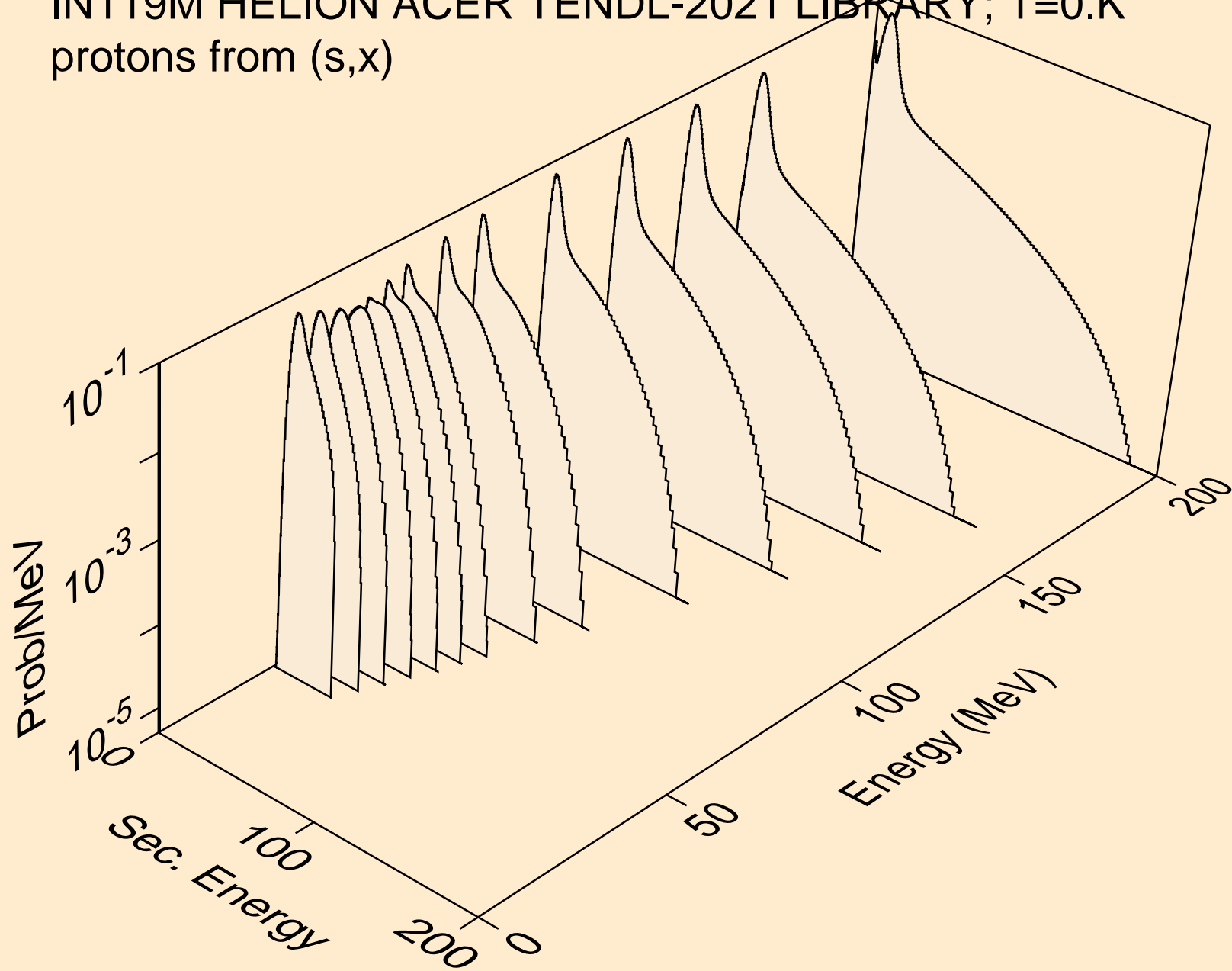
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



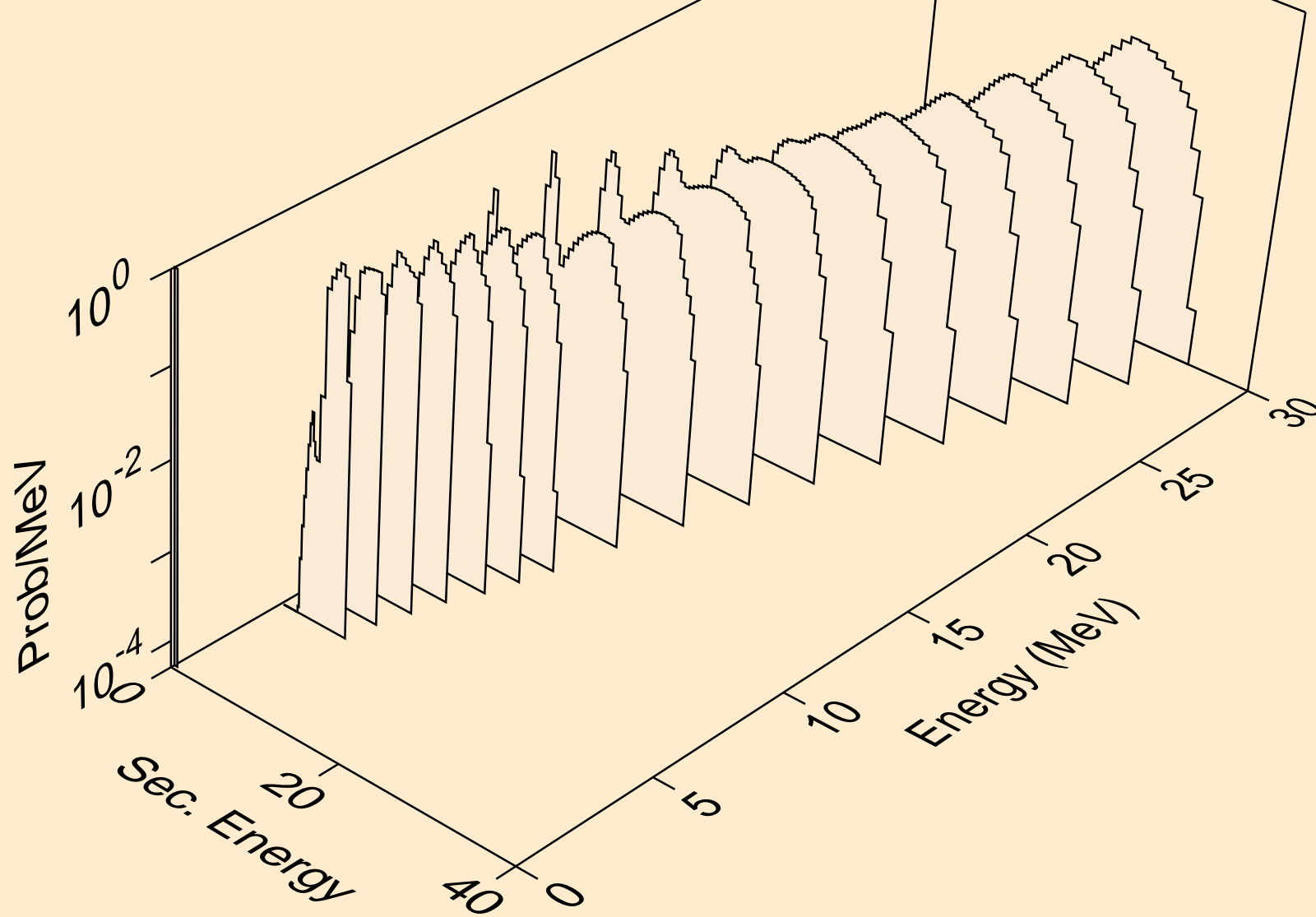
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



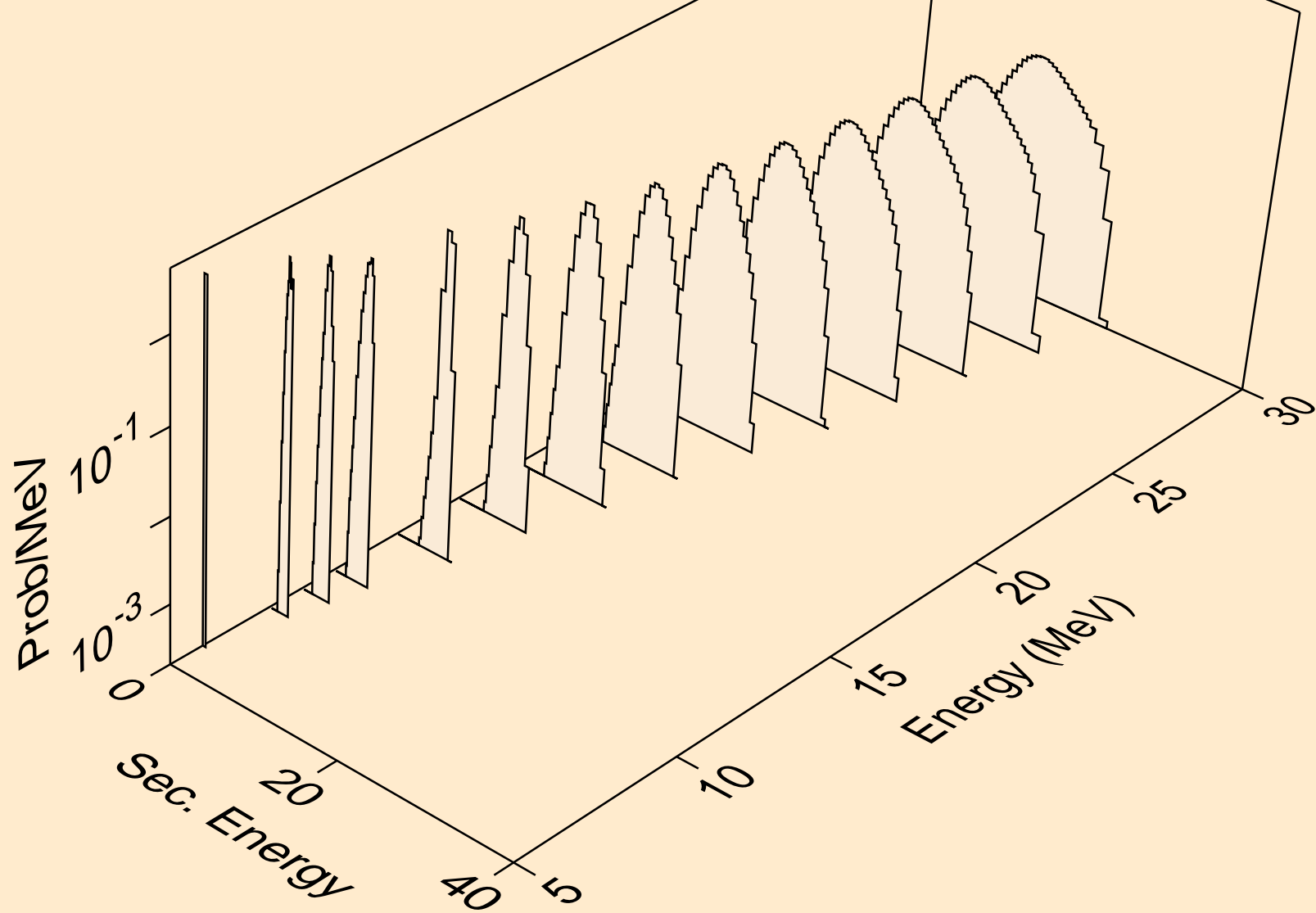
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



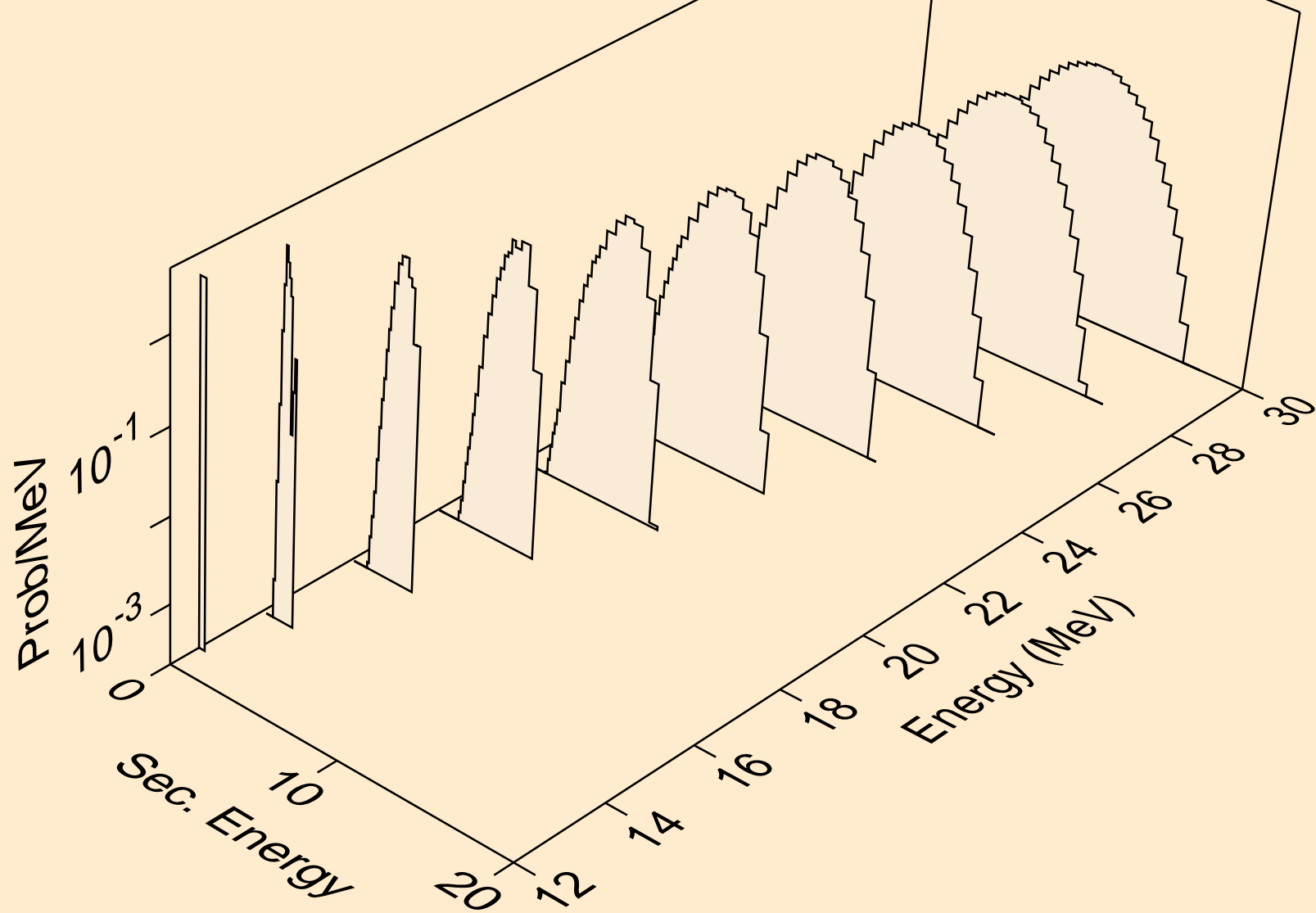
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

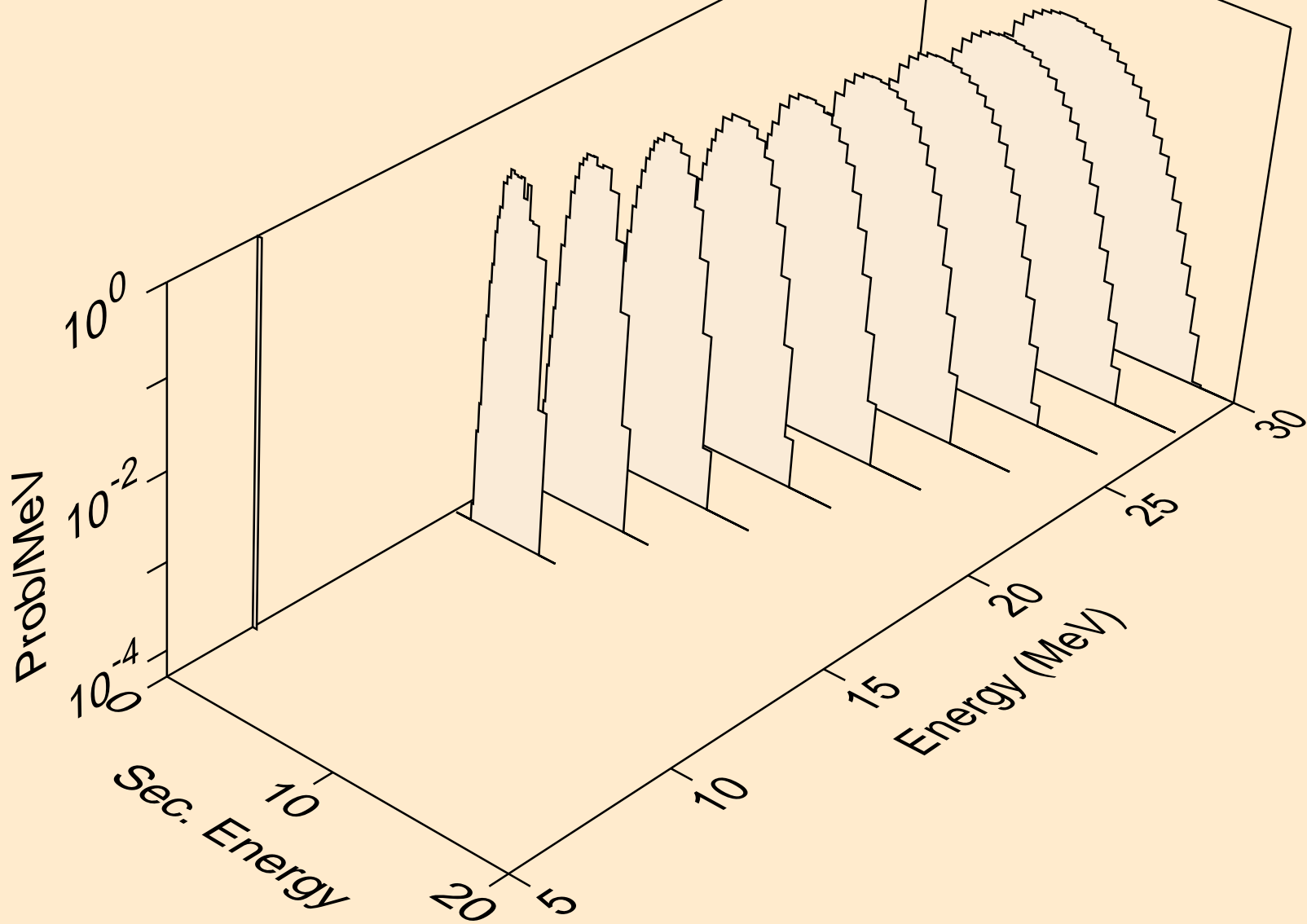


IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)

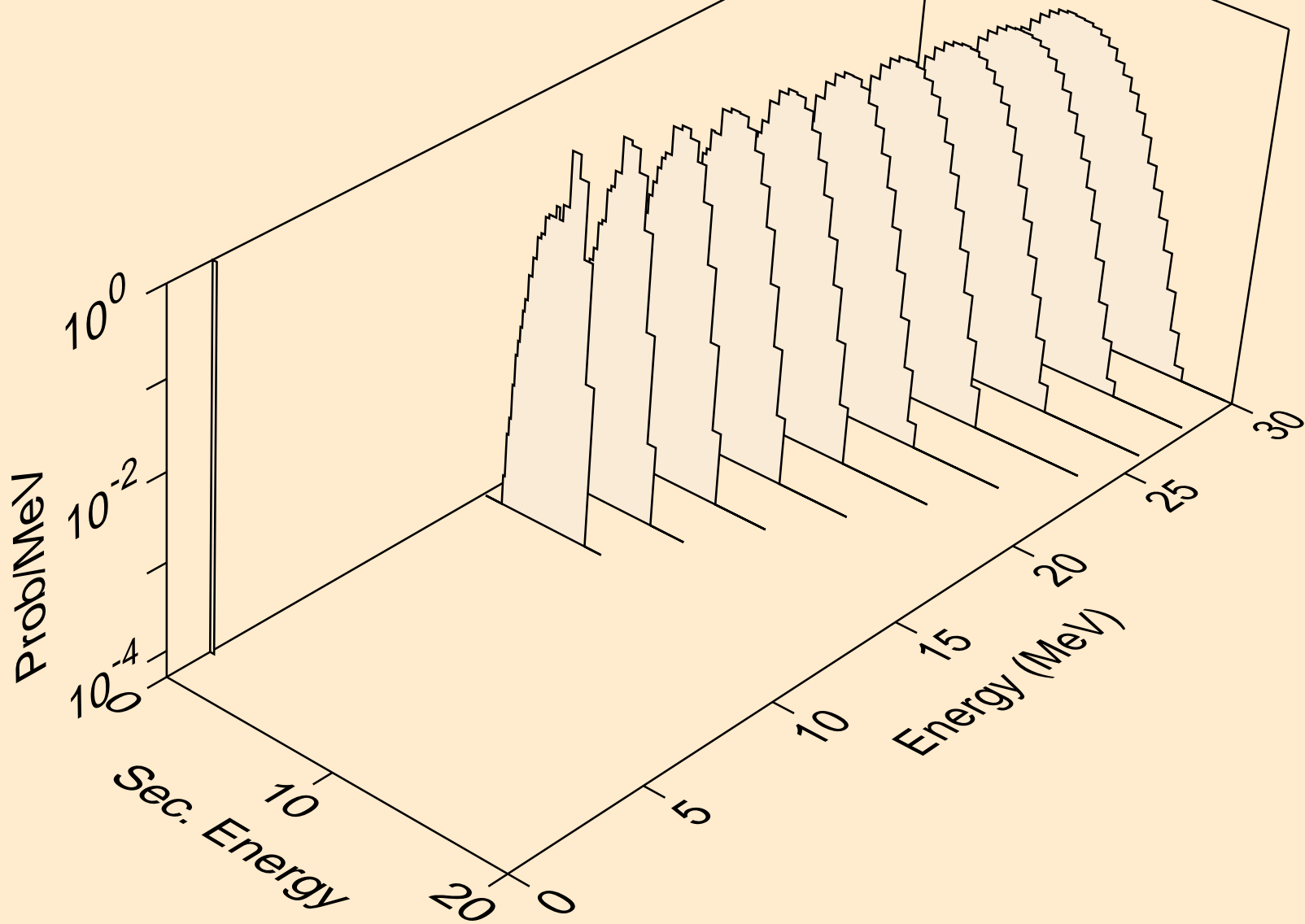




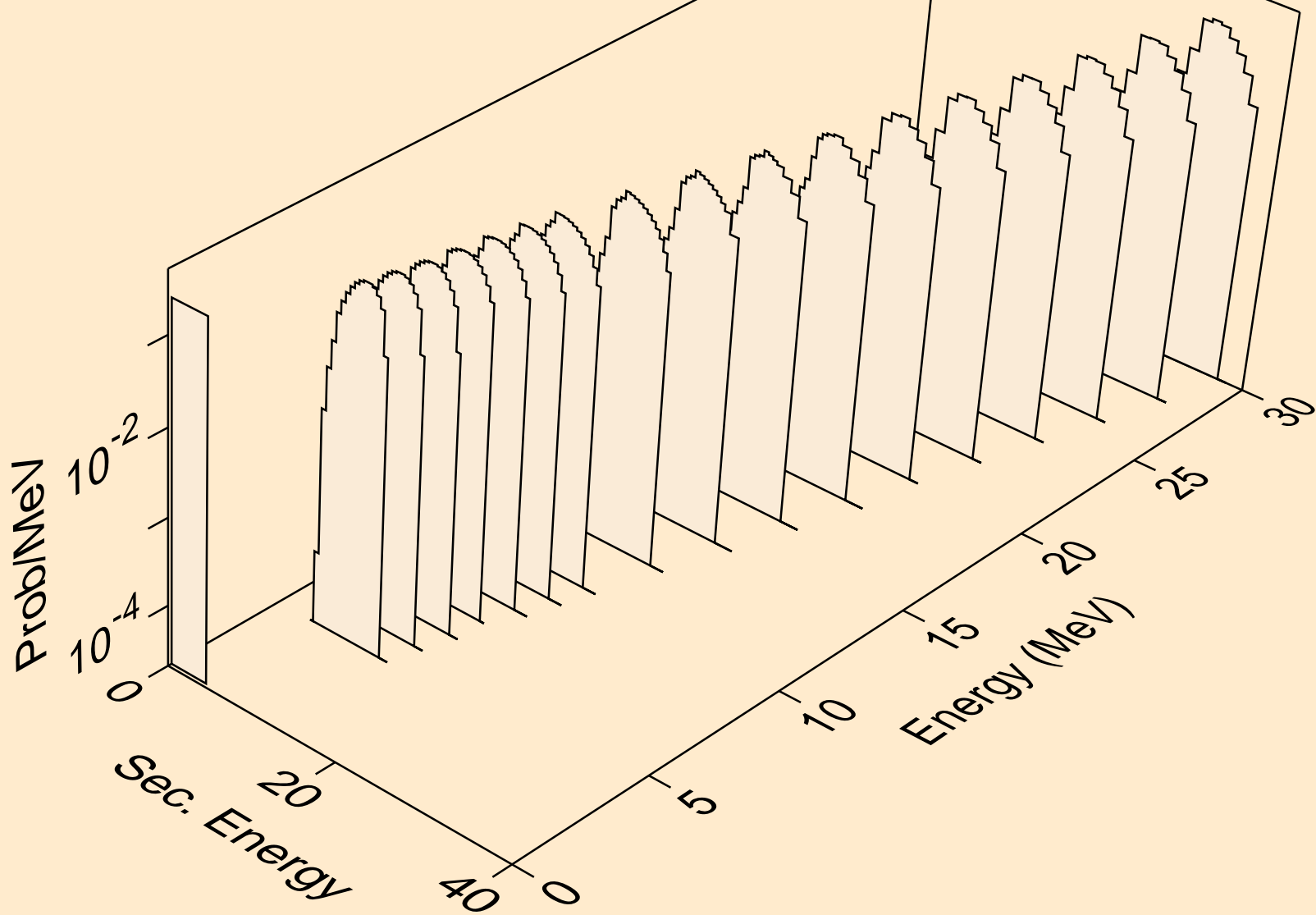
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protons from (s,2np)



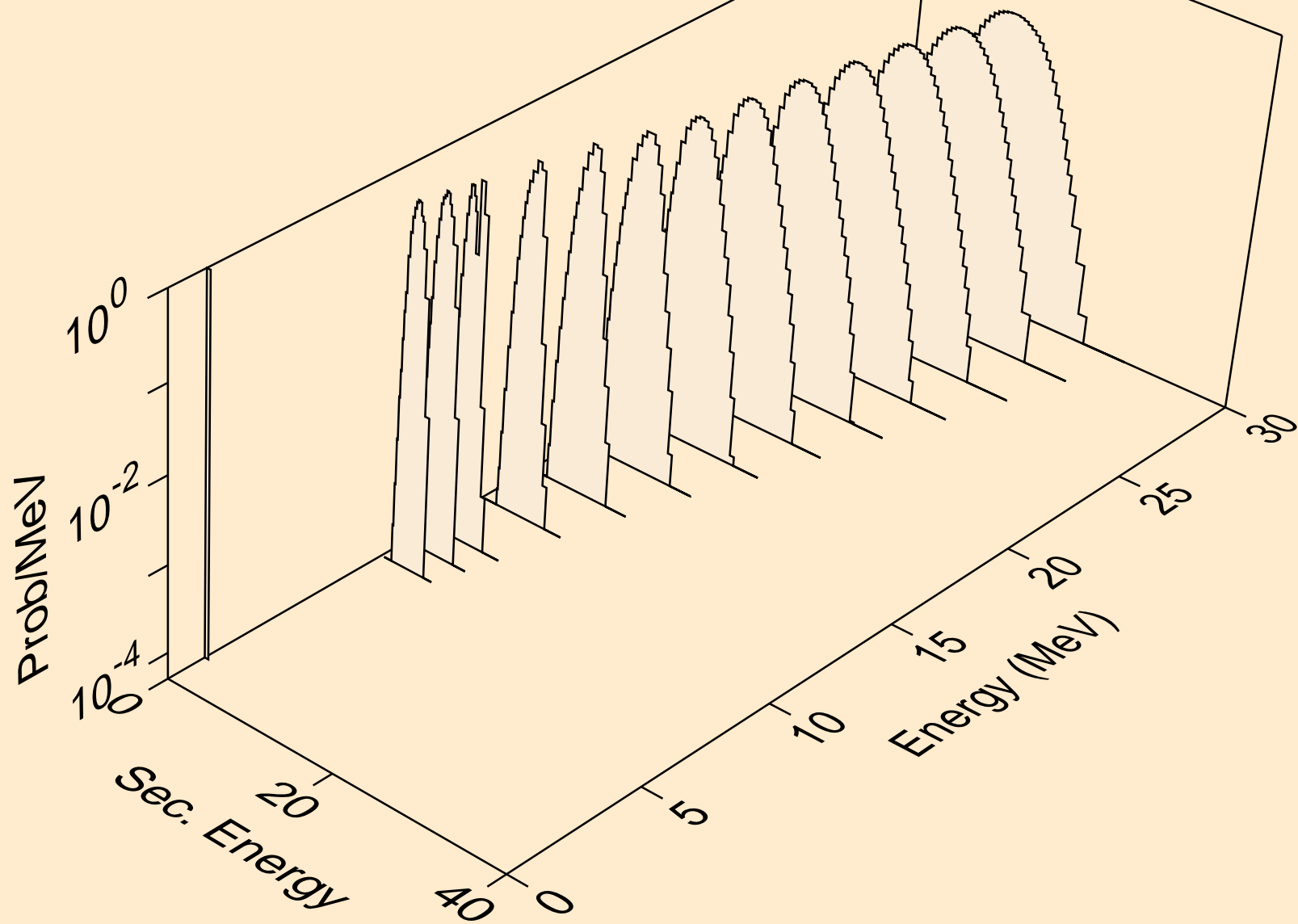
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protons from (s,npa)



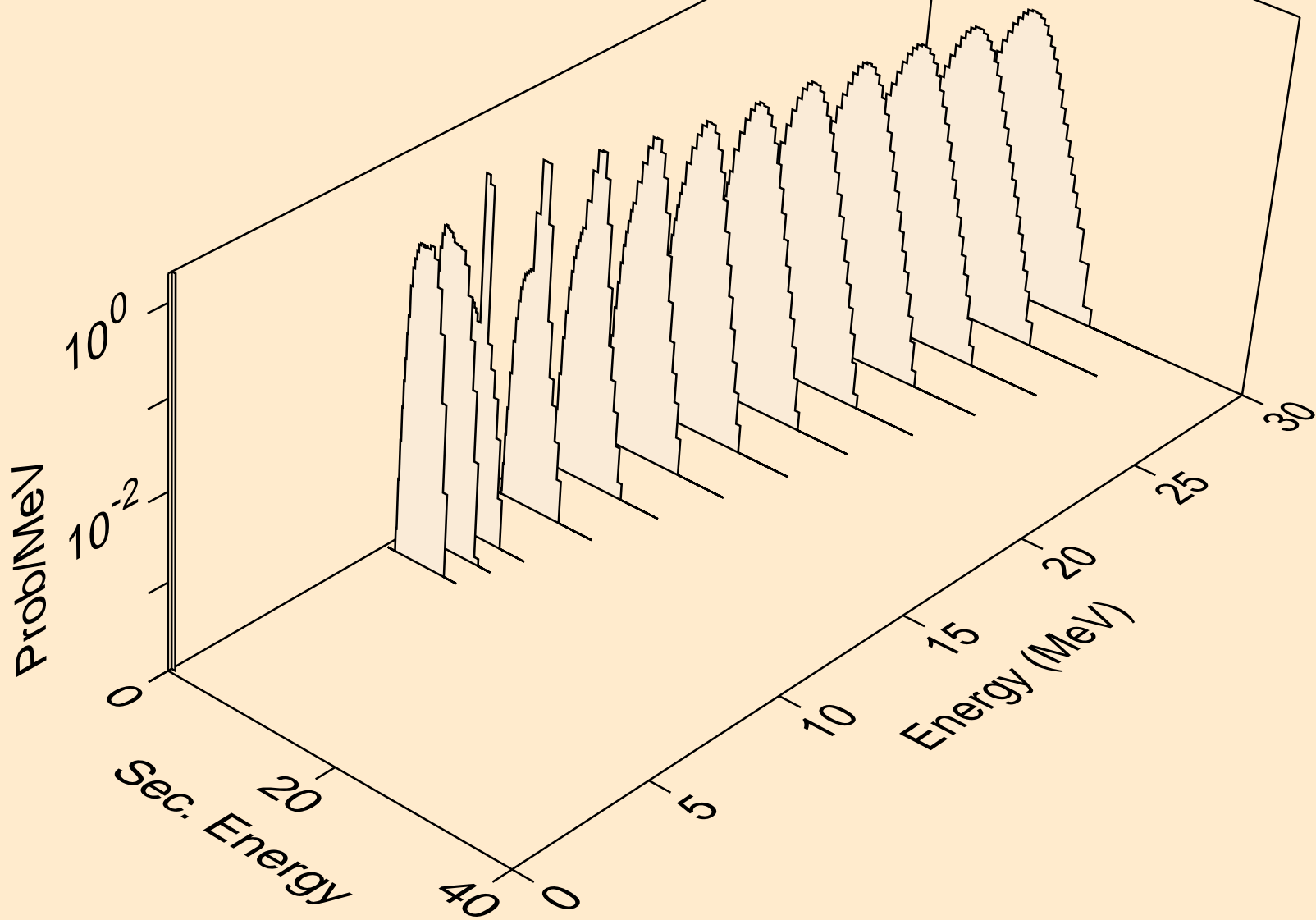
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protons from (s,p)



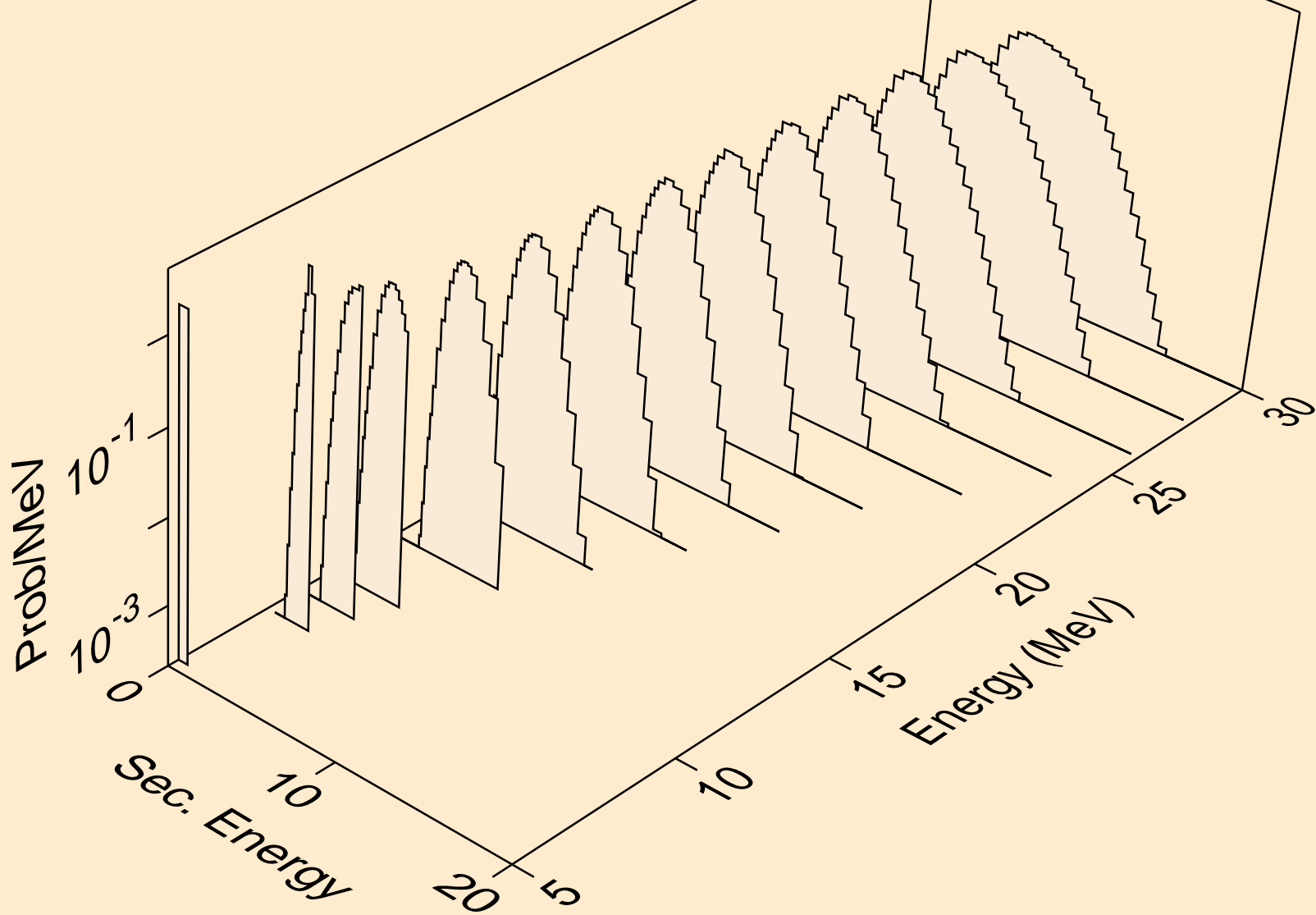
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protons from (s,2p)



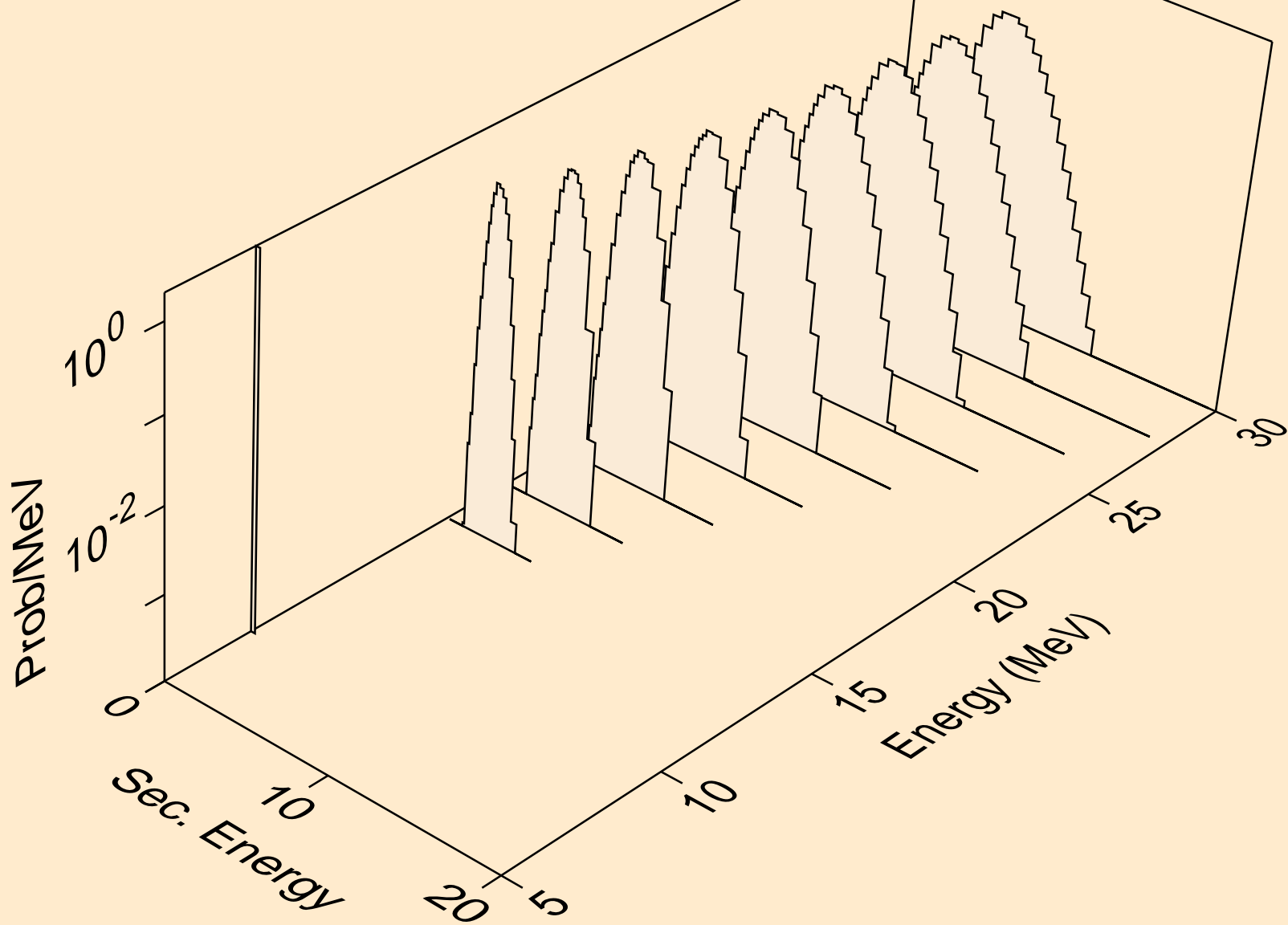
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protons from (s,pa)



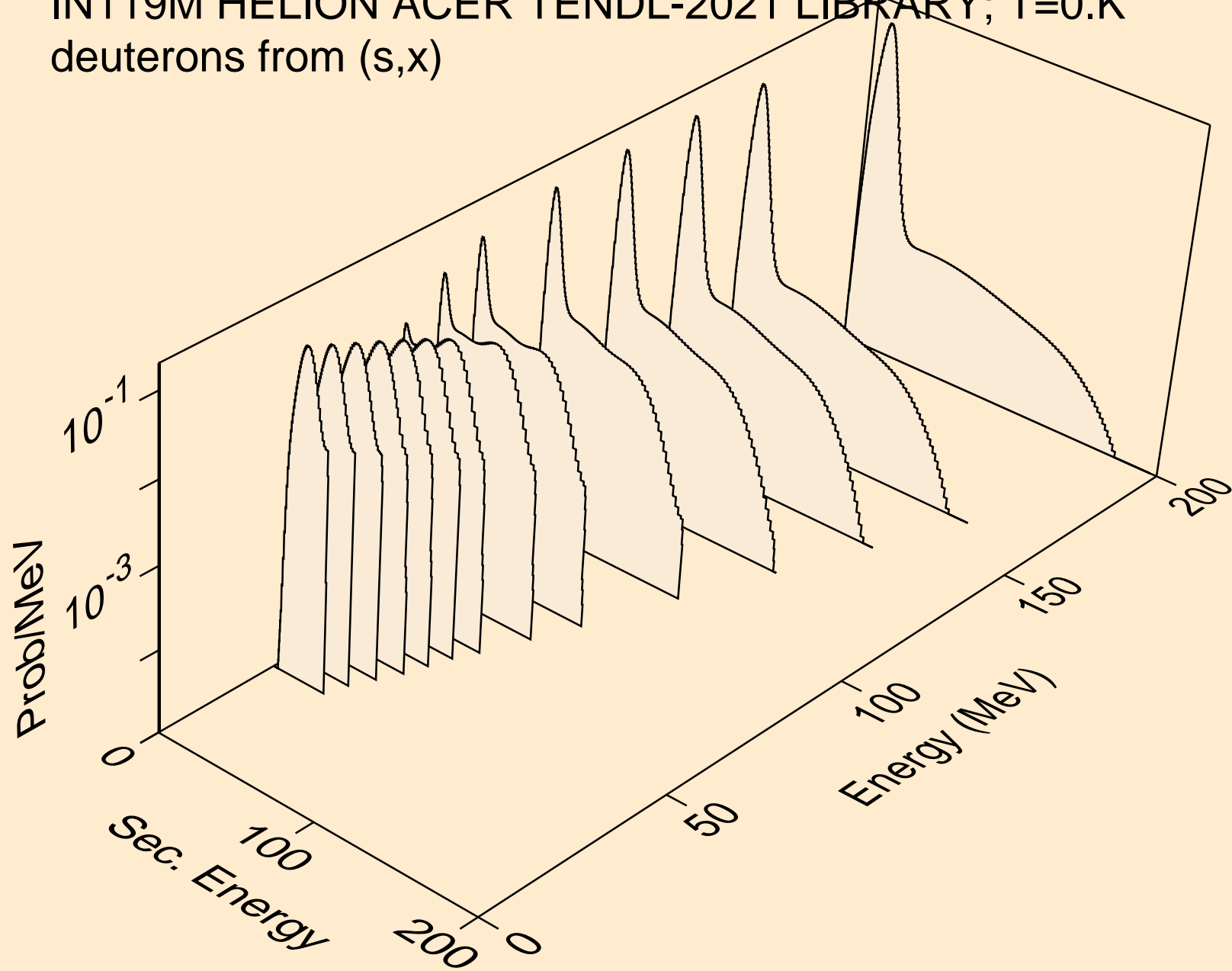
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

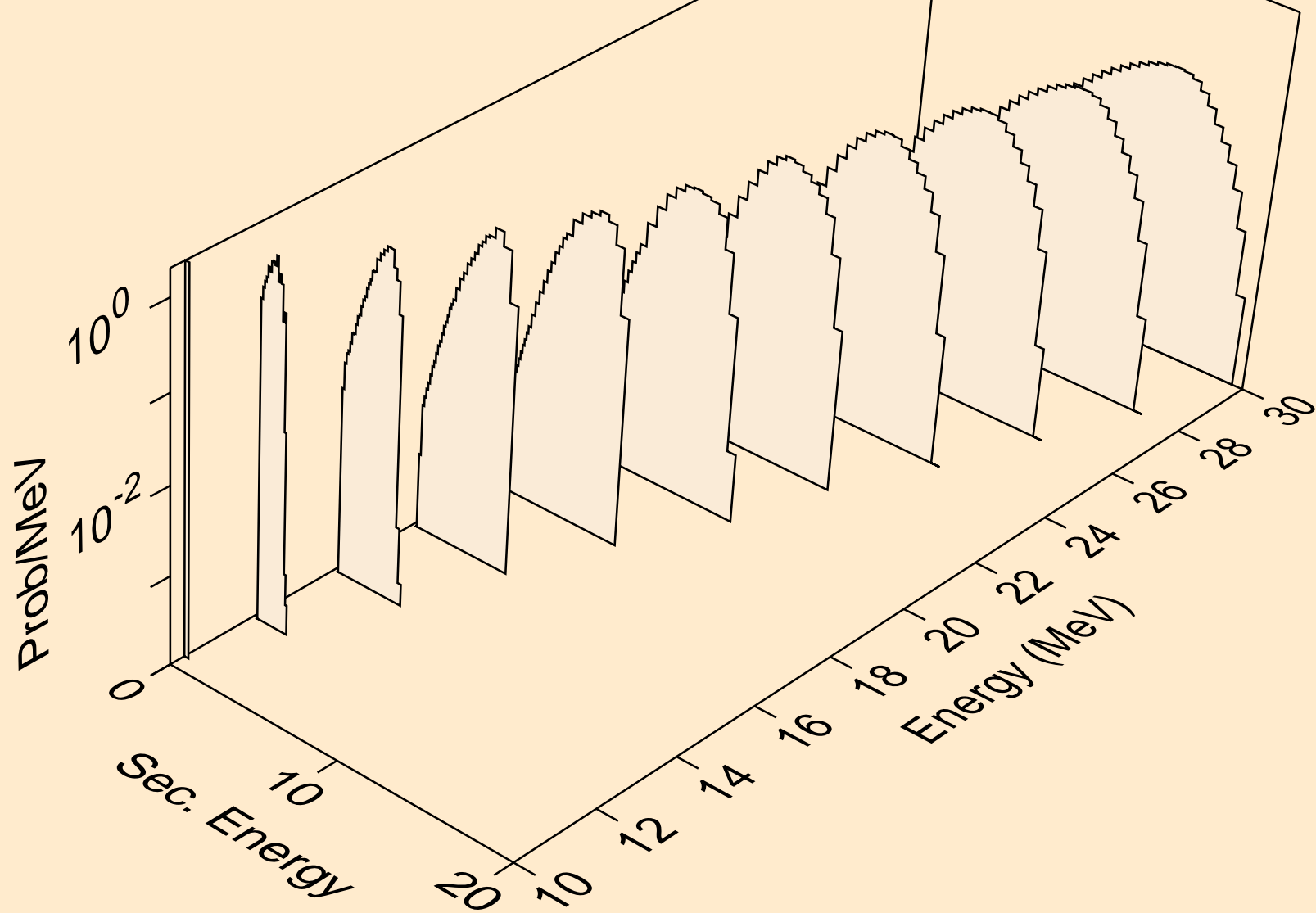


IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)

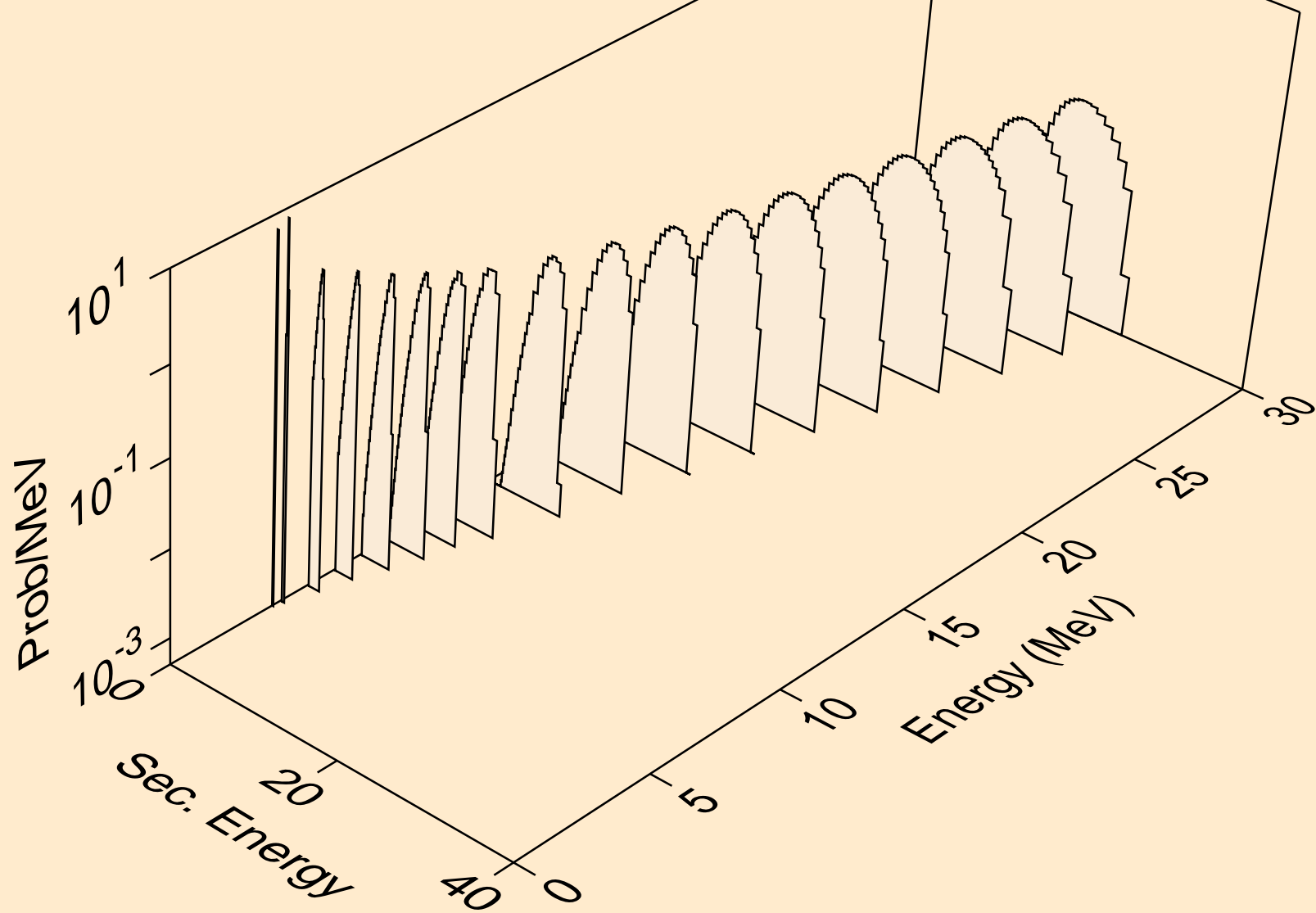




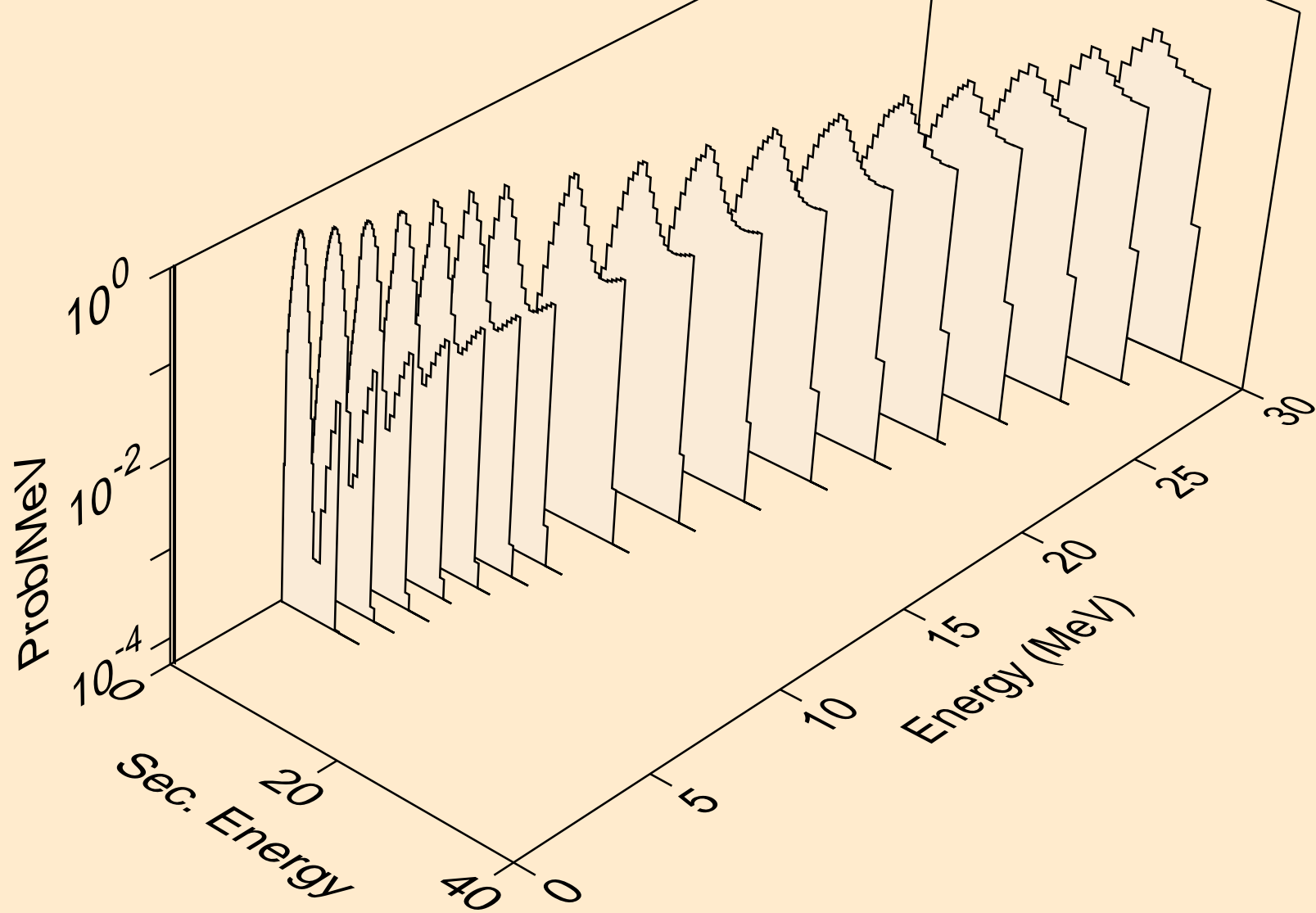
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deuterons from (s,2nd)



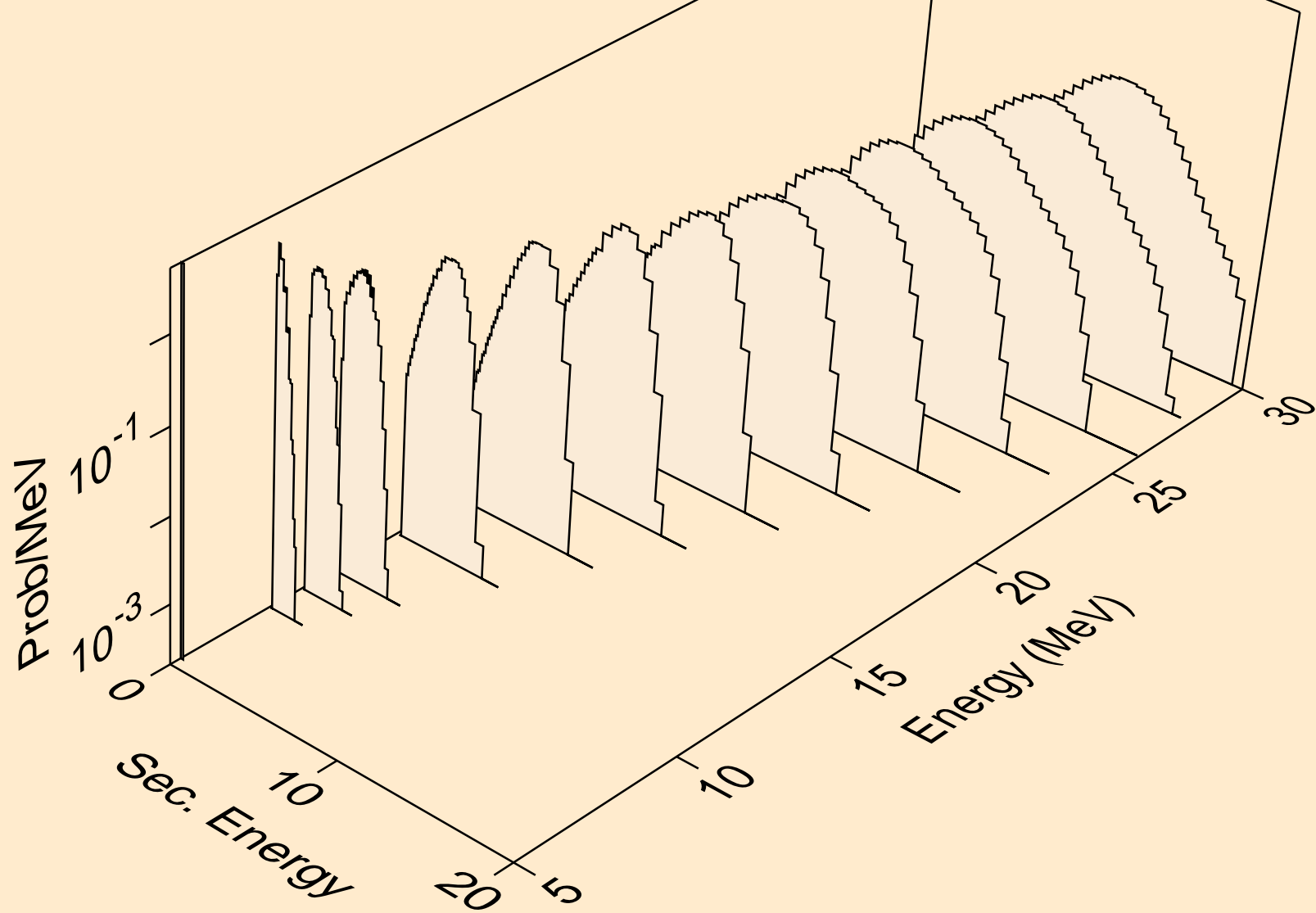
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deuterons from (s,n\*)d



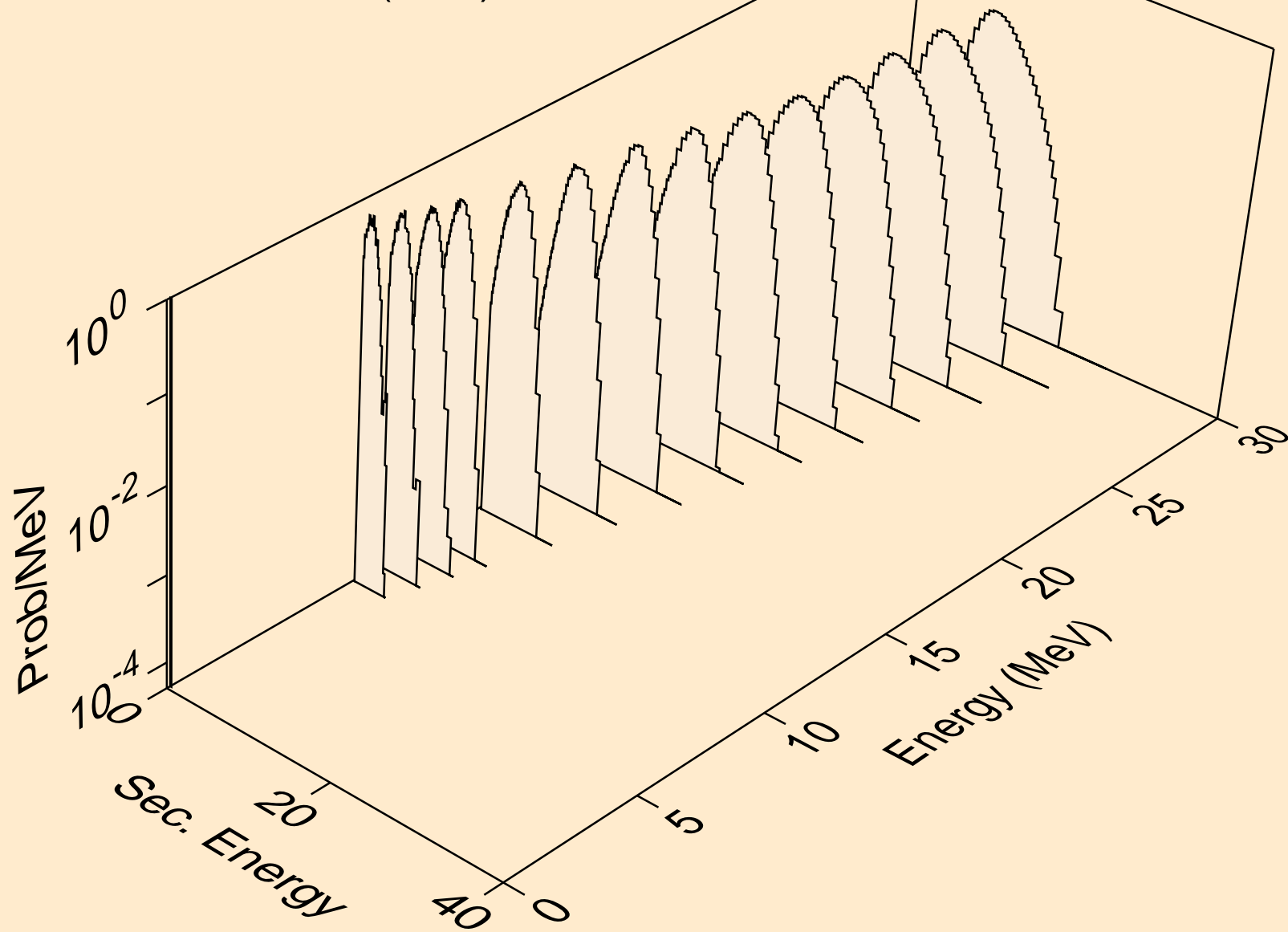
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deuterons from (s,d)



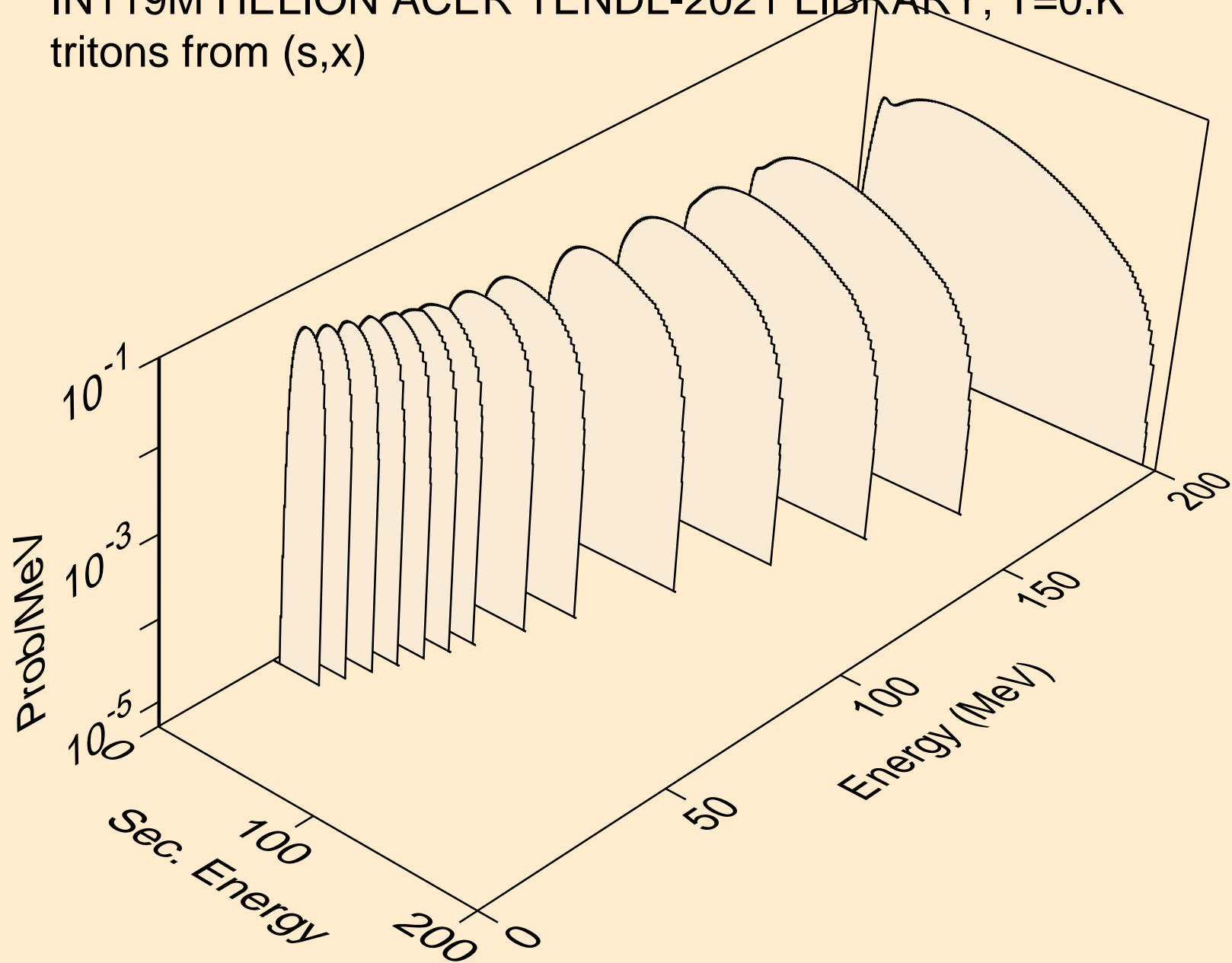
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



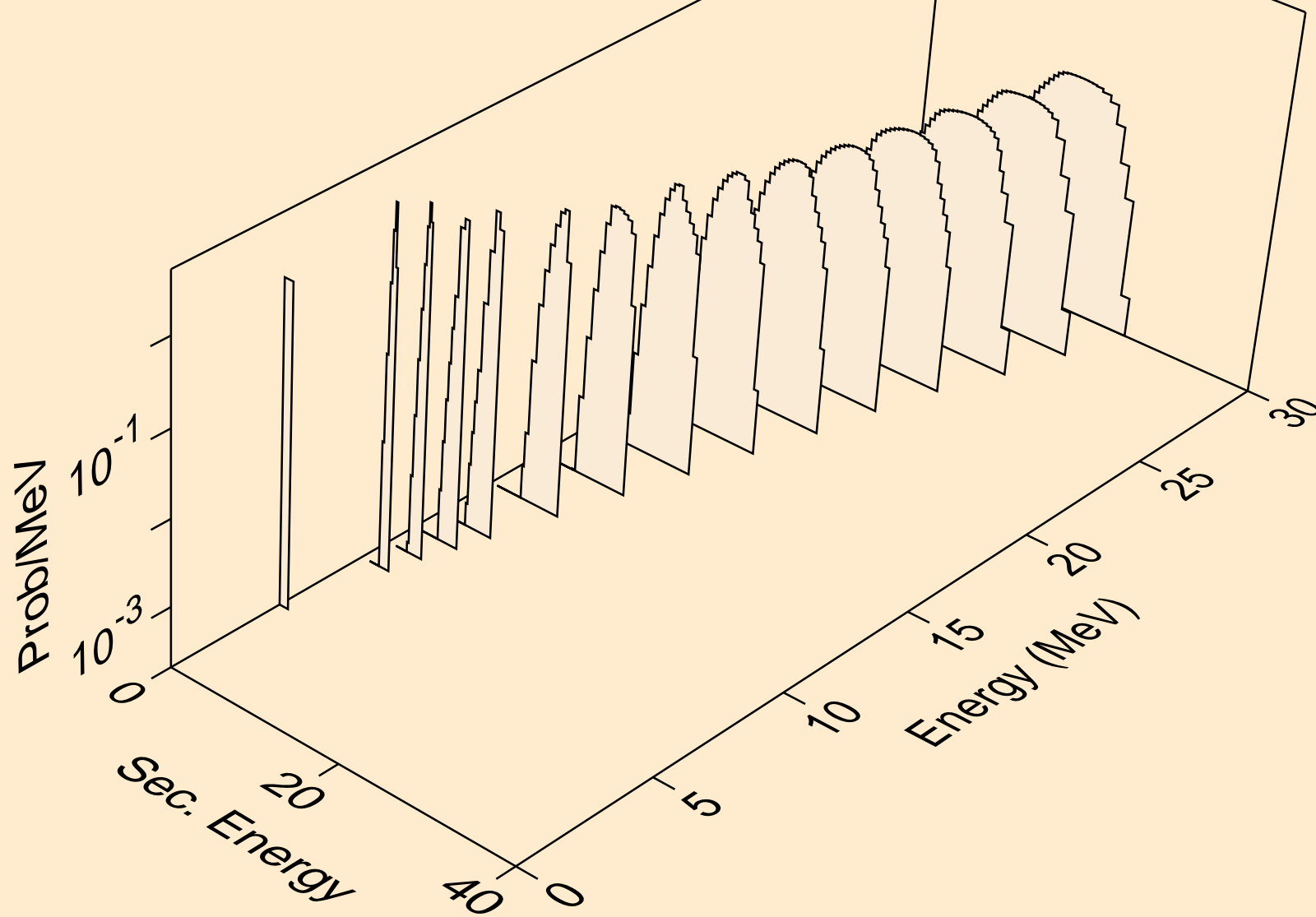
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deuterons from (s,da)



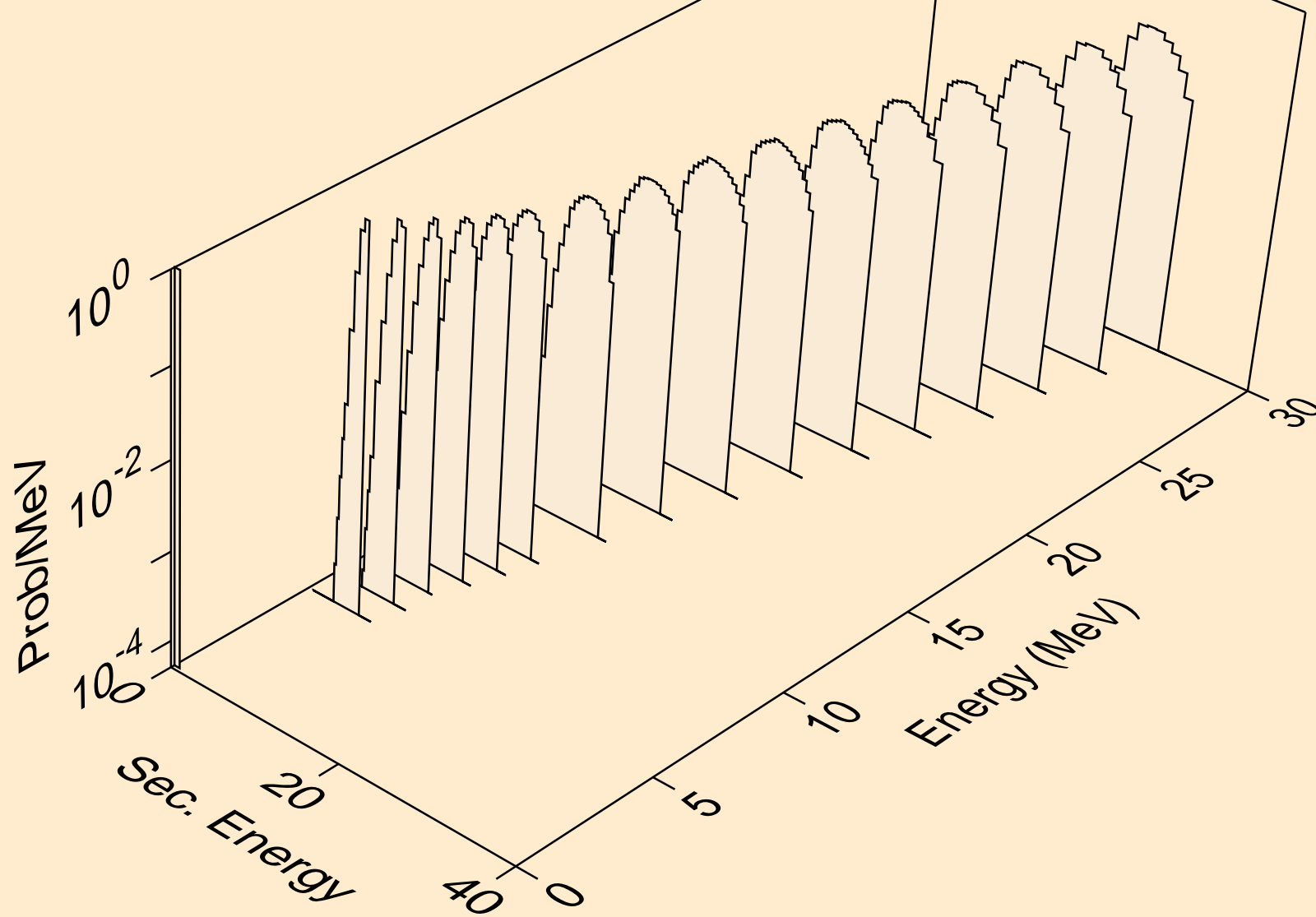
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

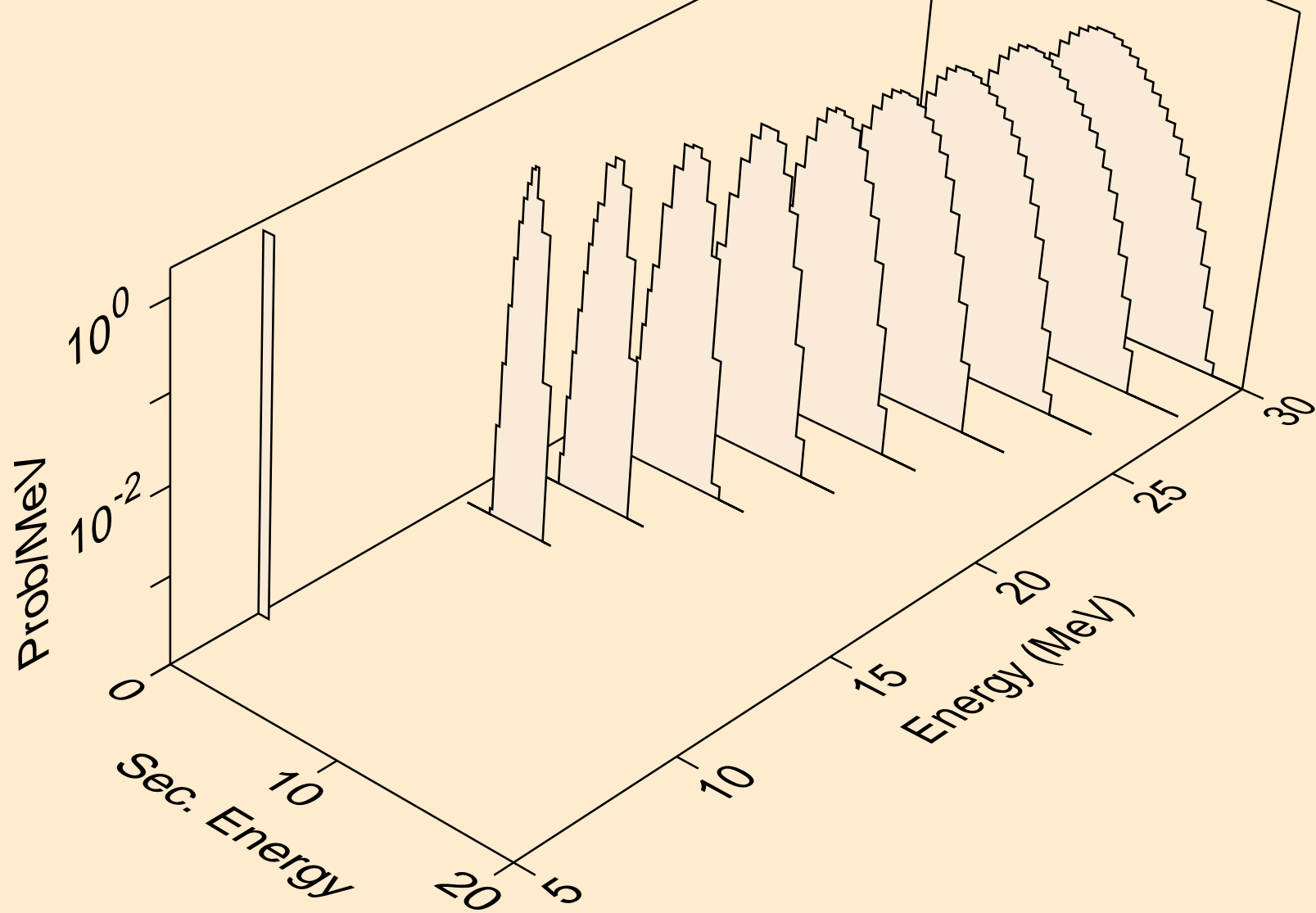


IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

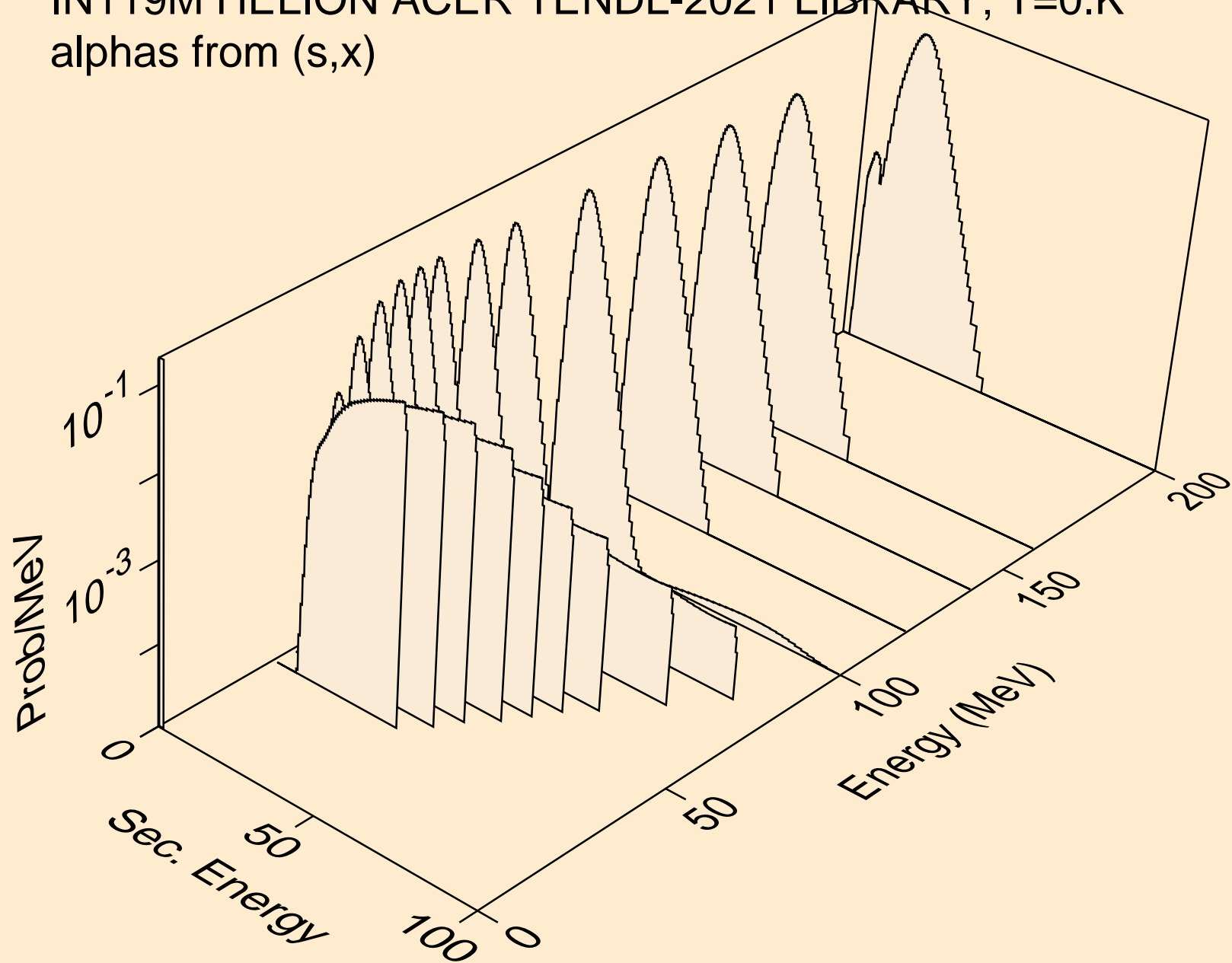




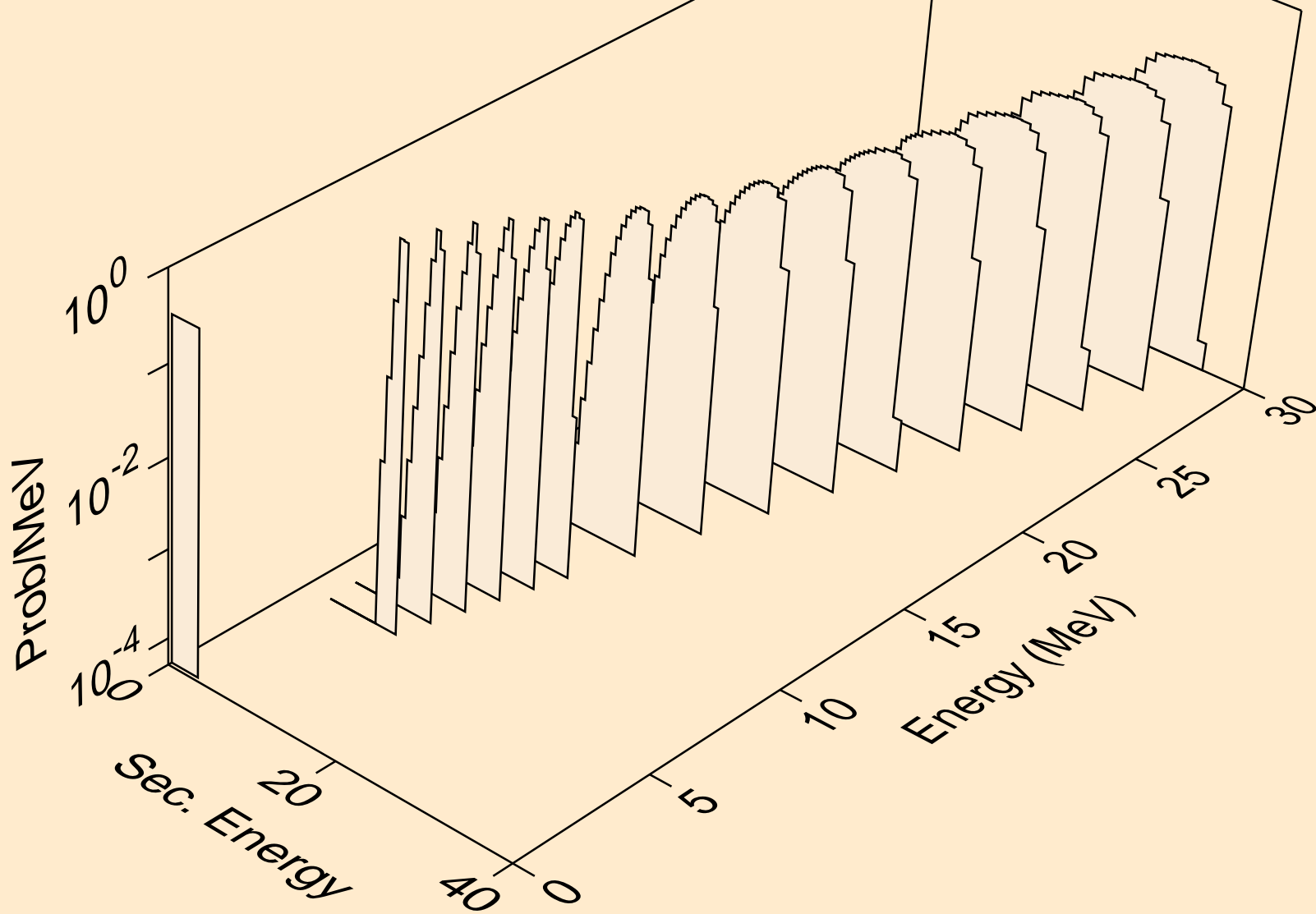
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



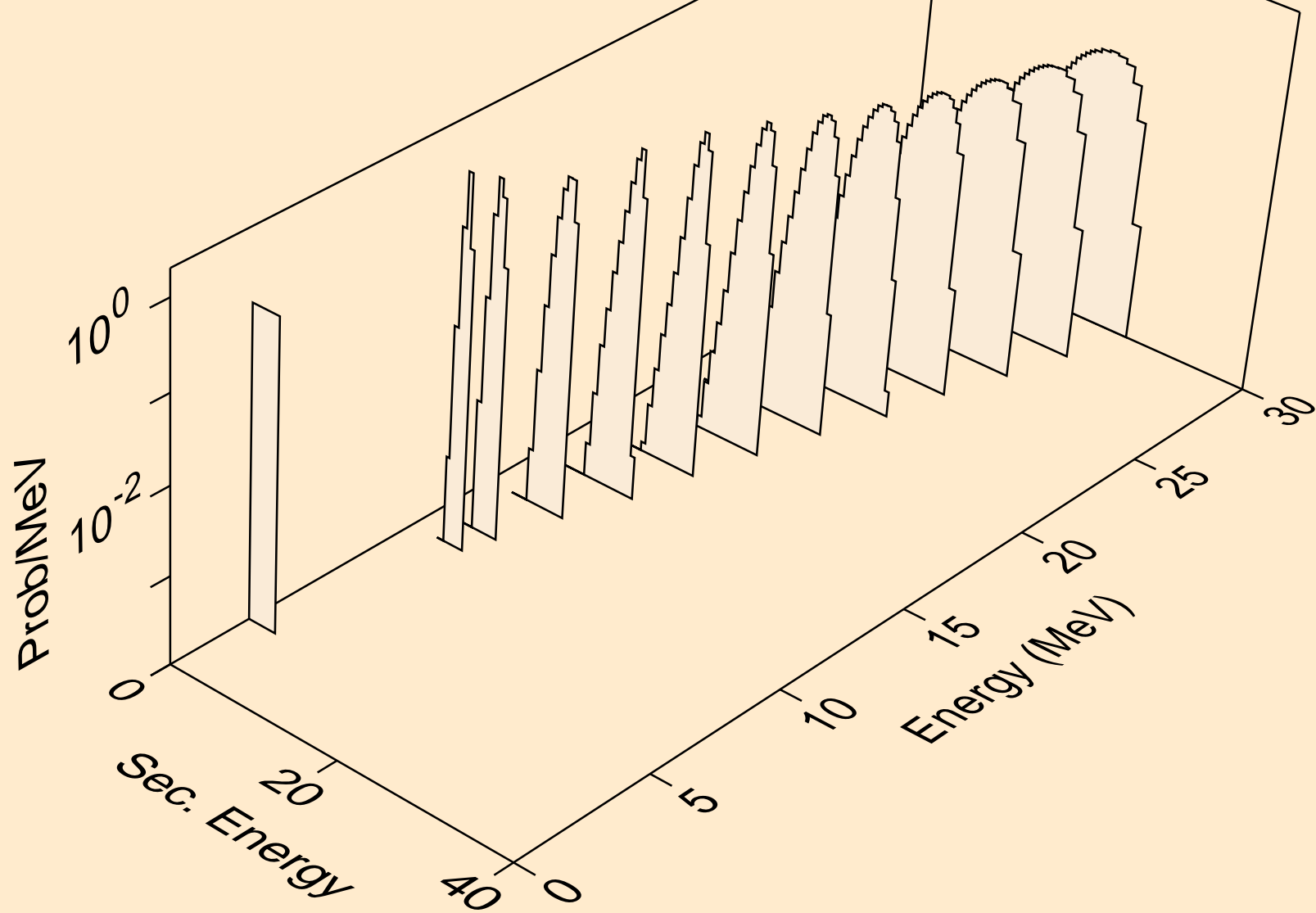
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



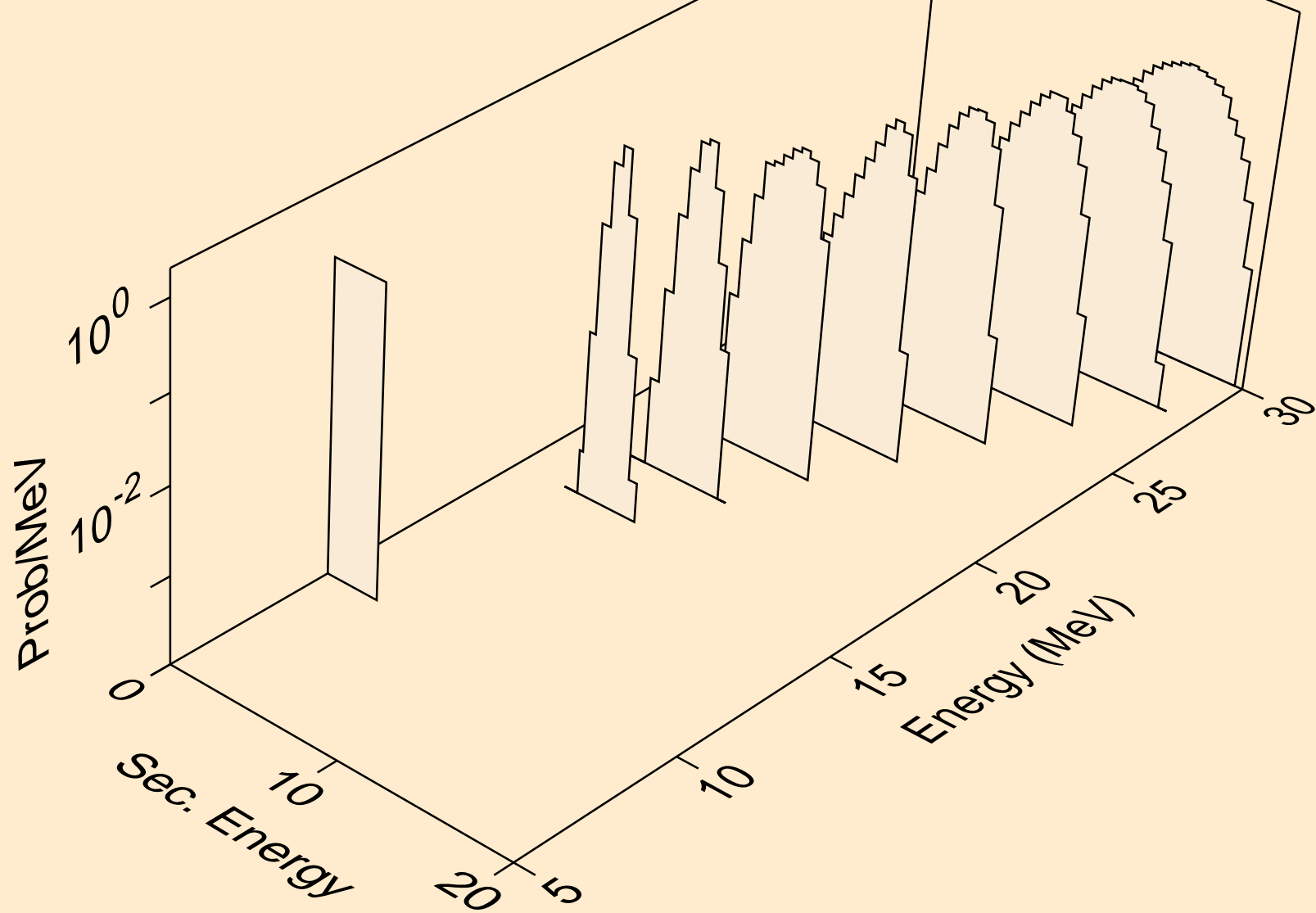
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



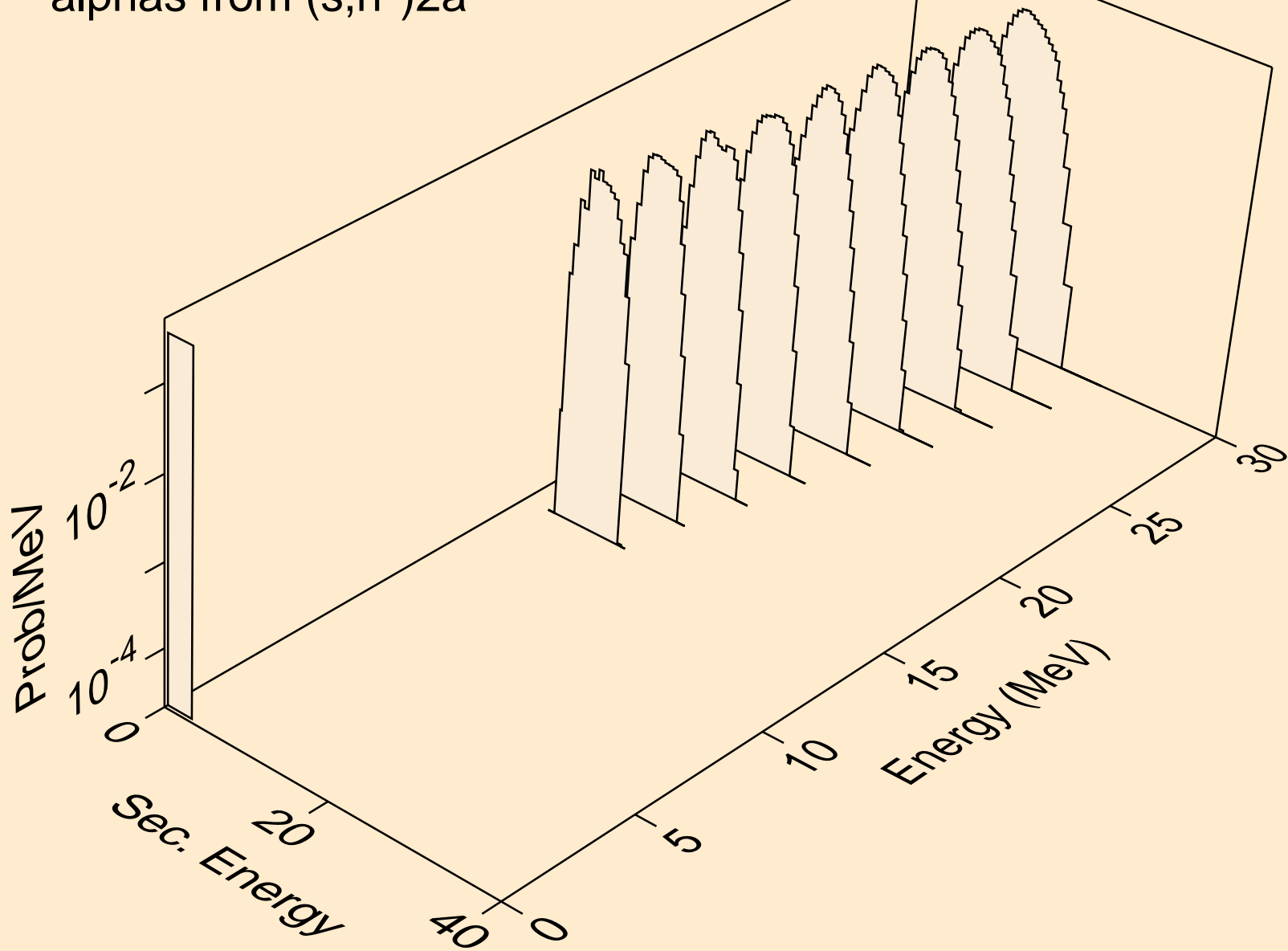
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



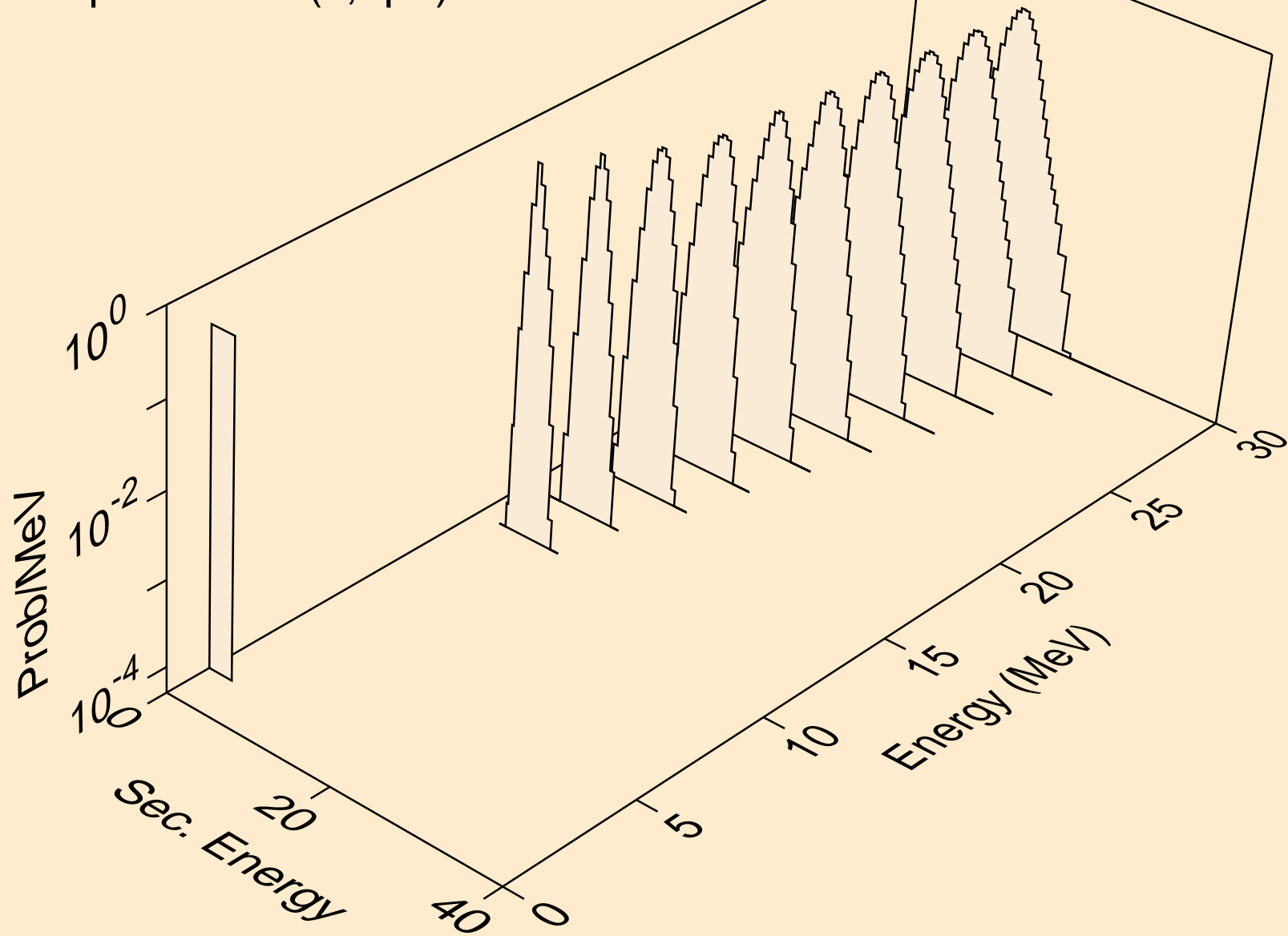
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



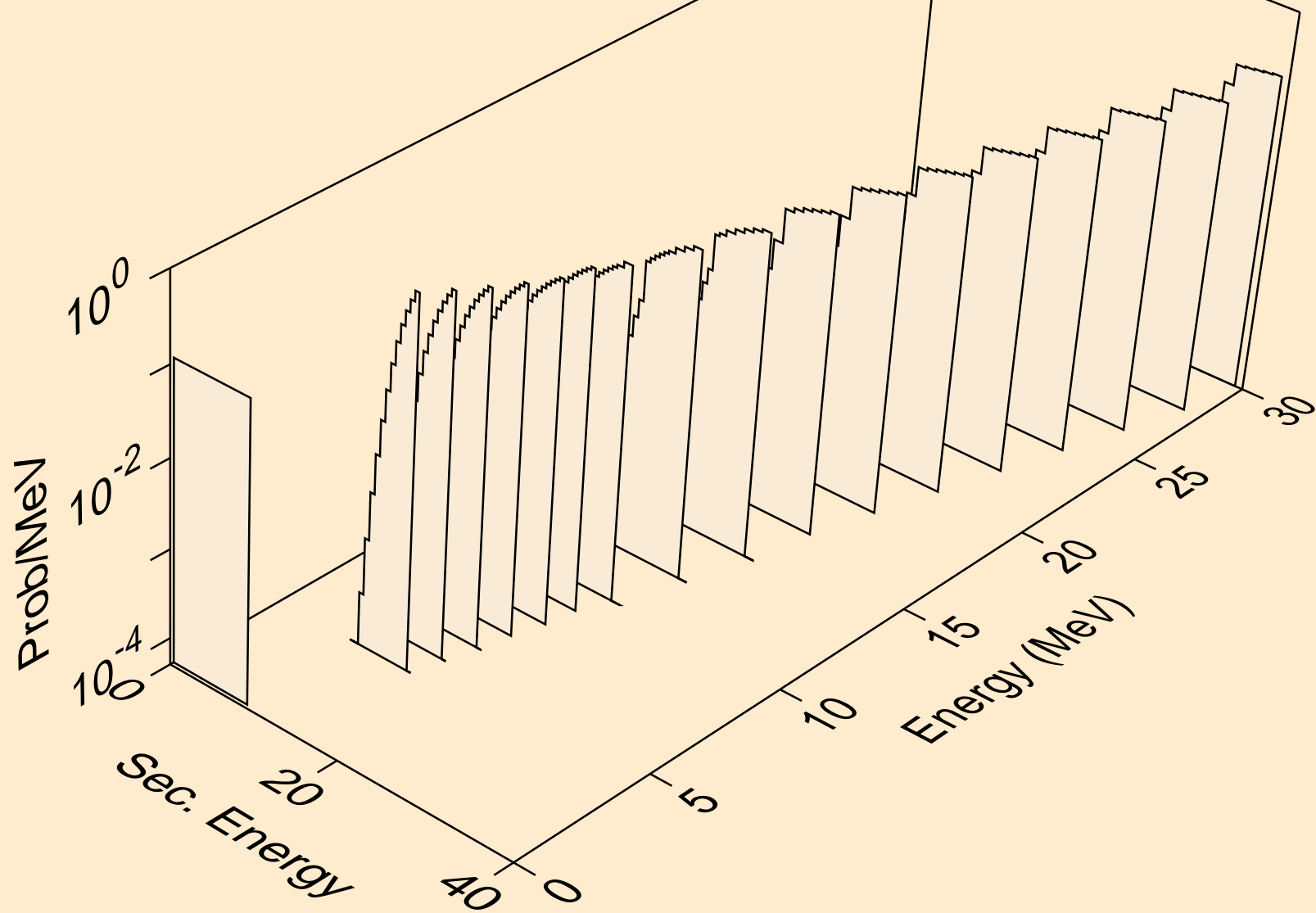
IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)

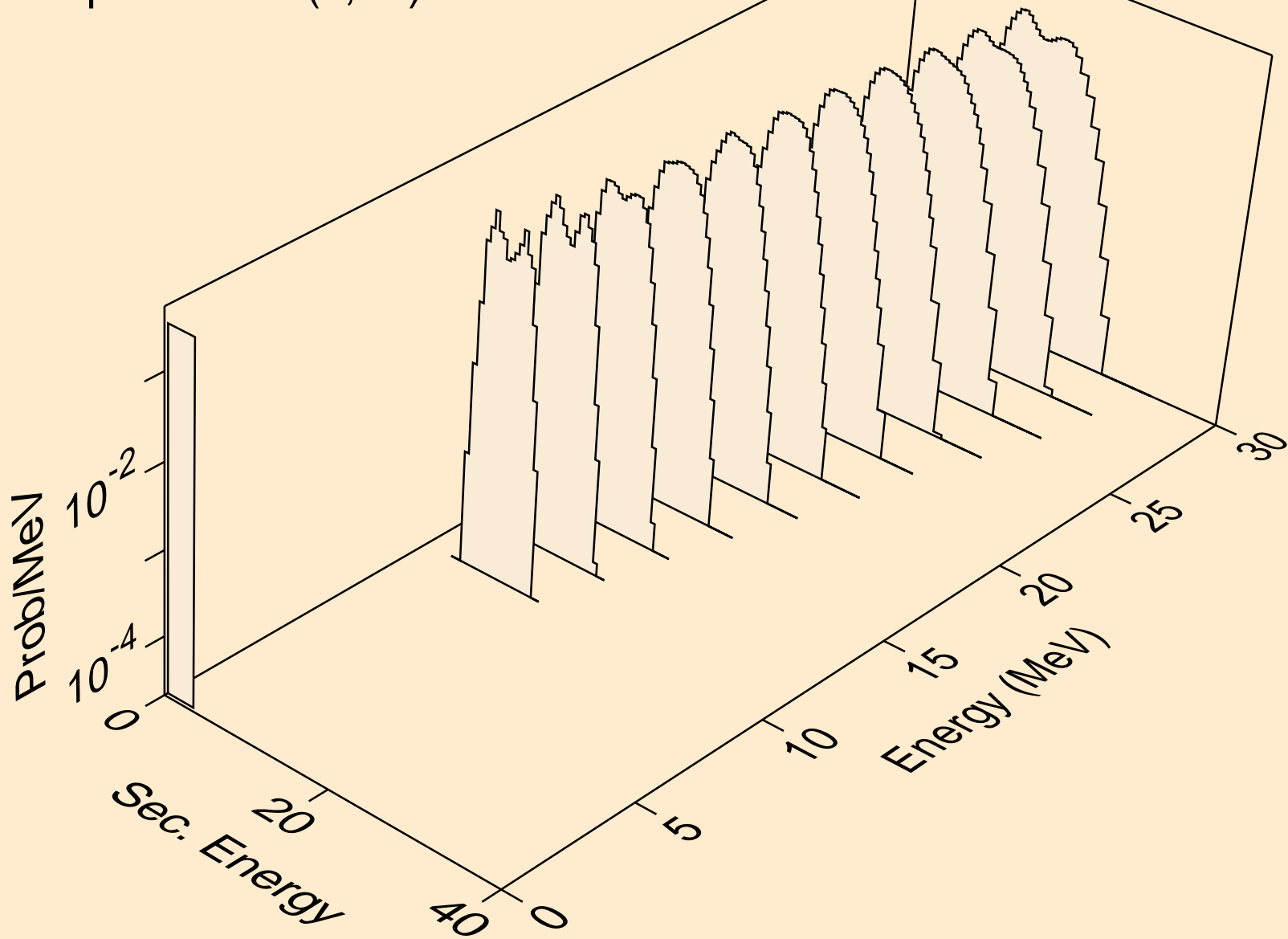


IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

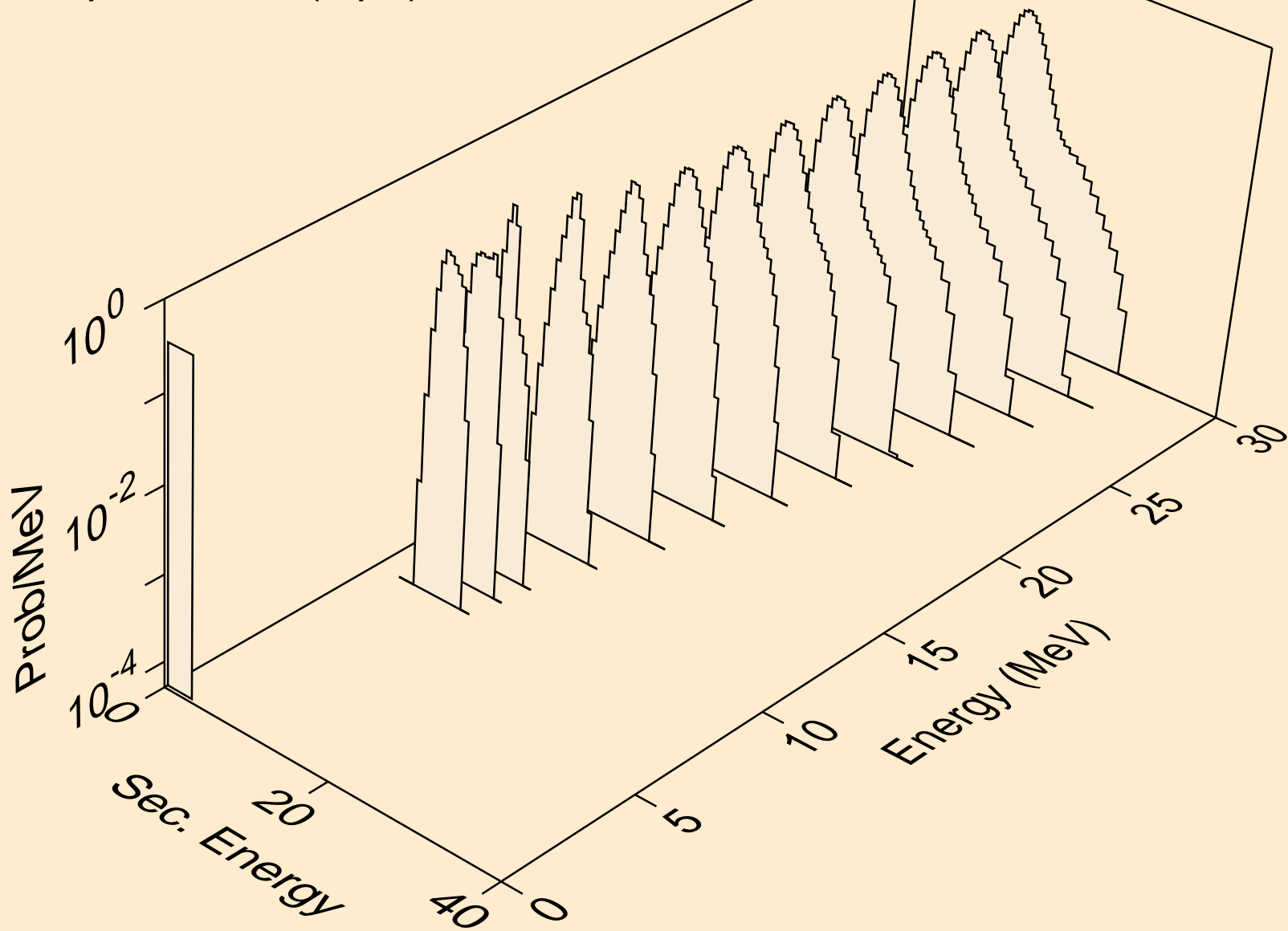




IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



IN119M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

