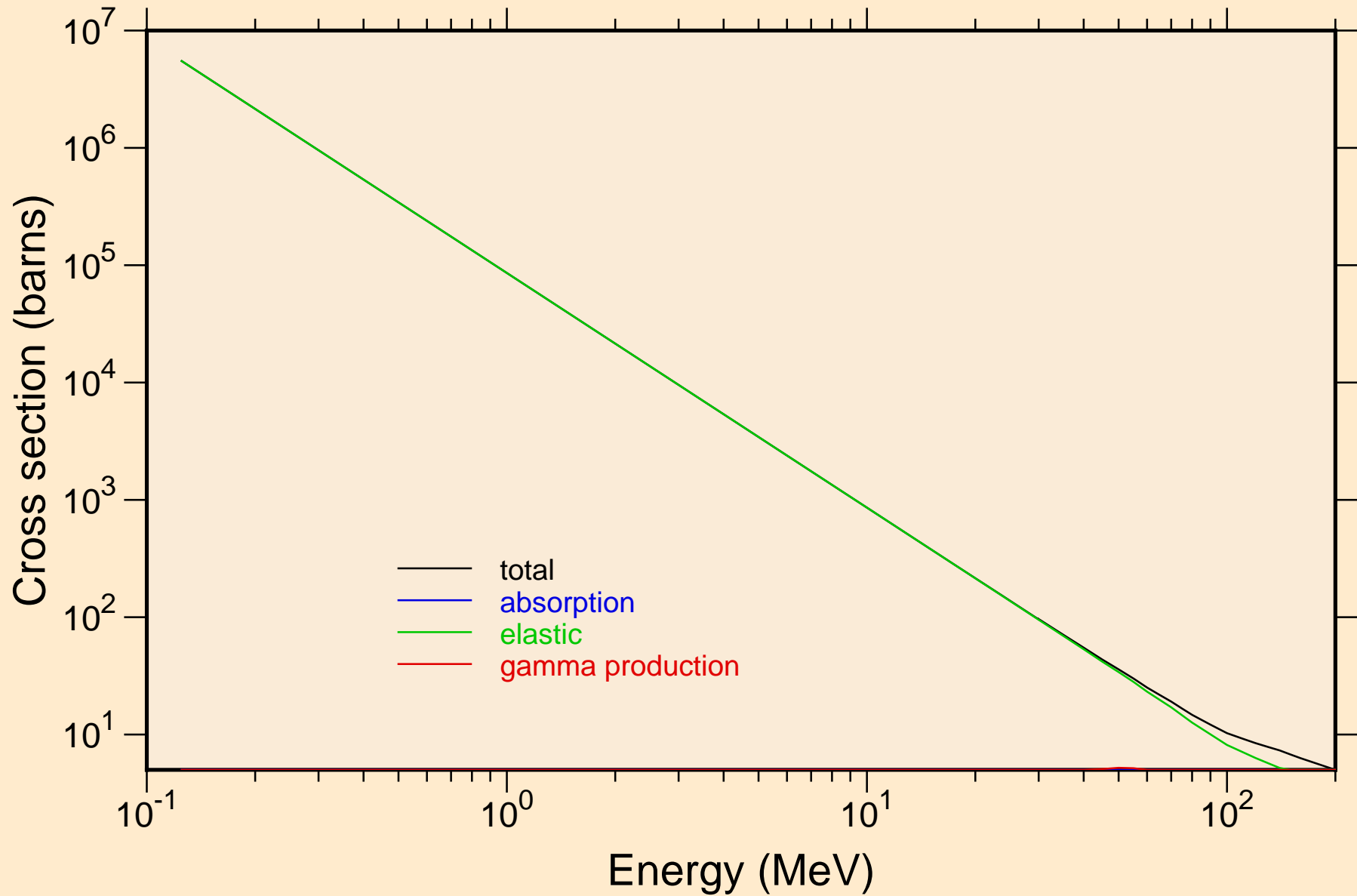
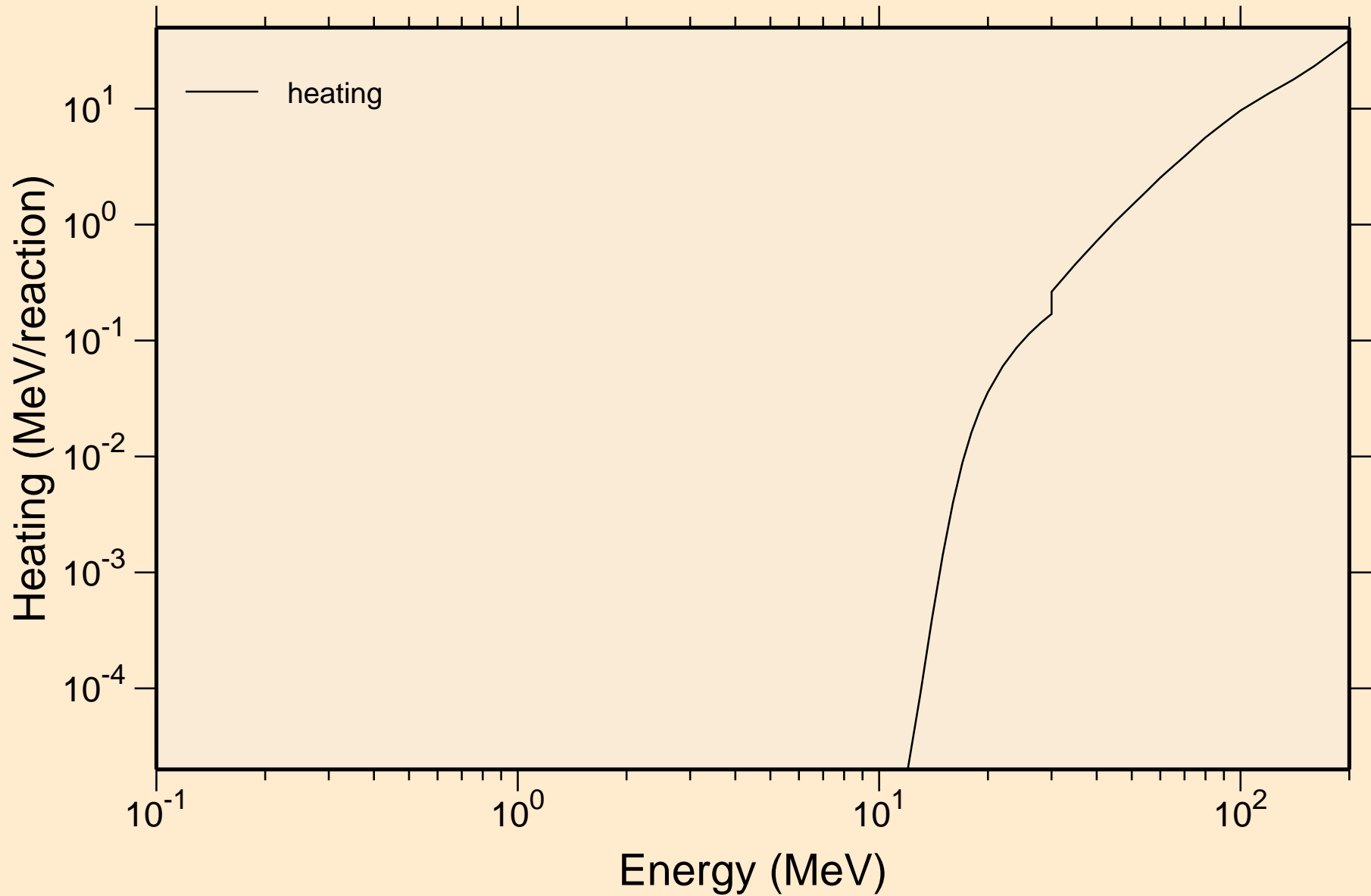


CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



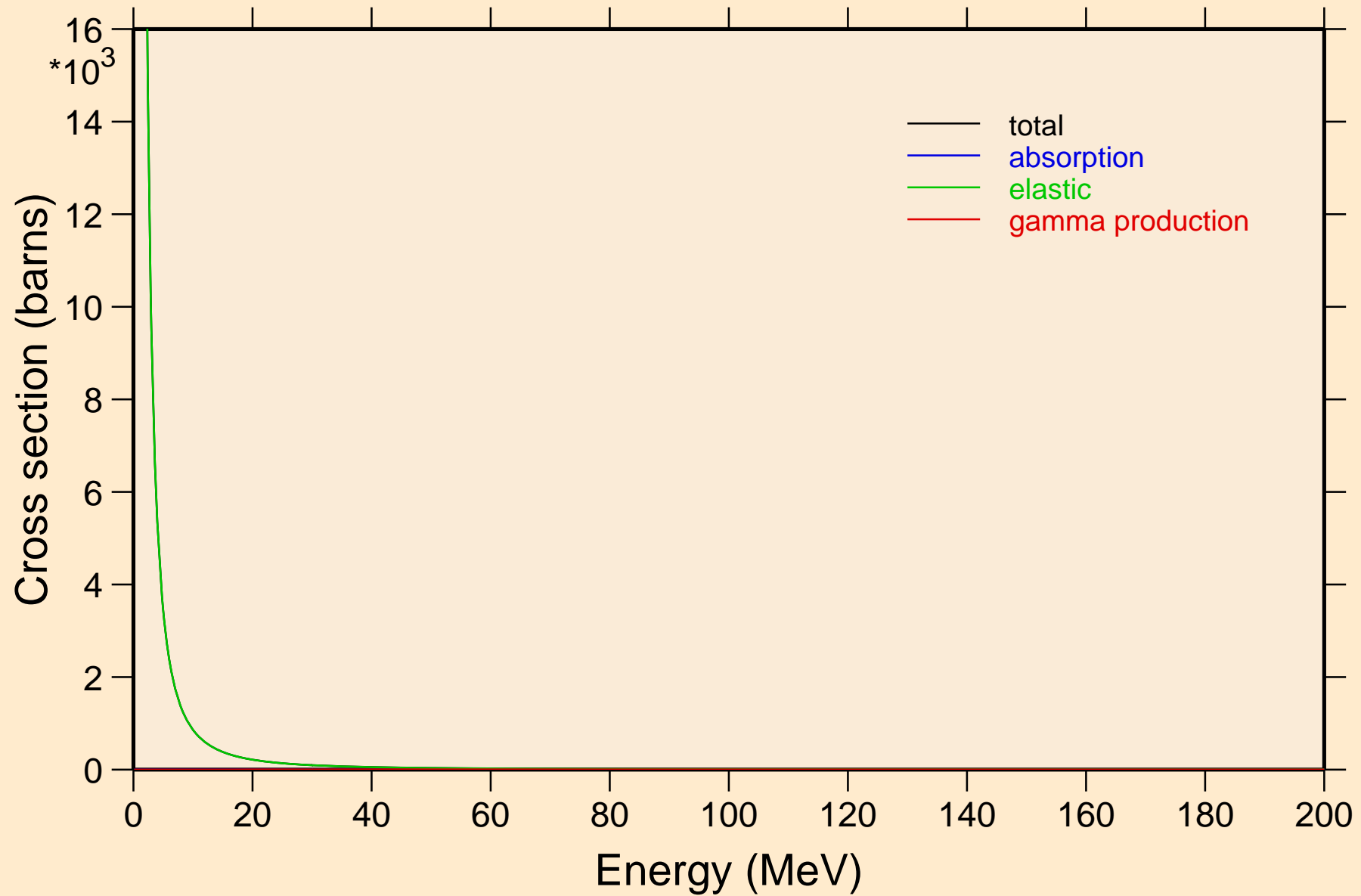
# CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



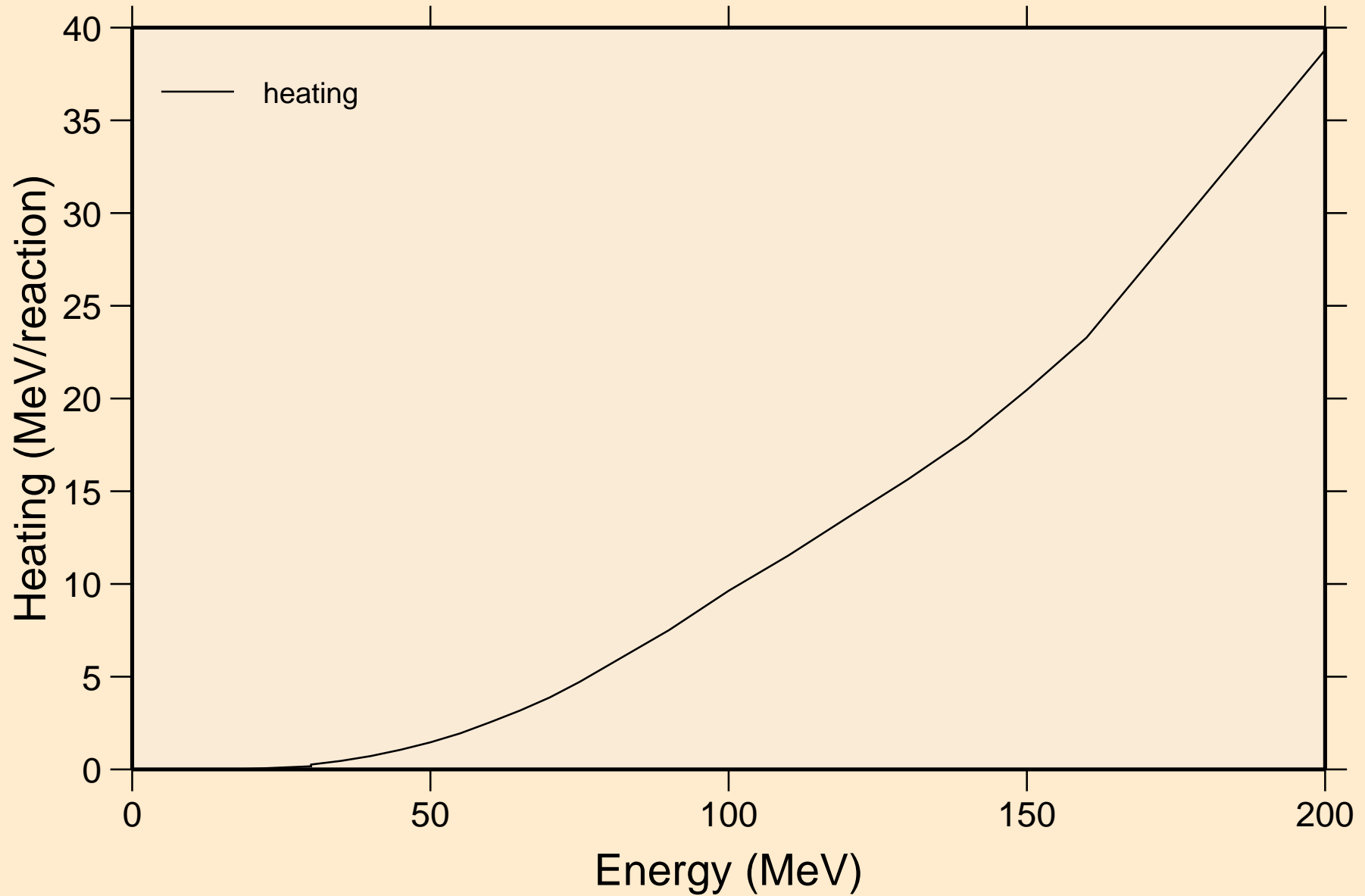
# CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

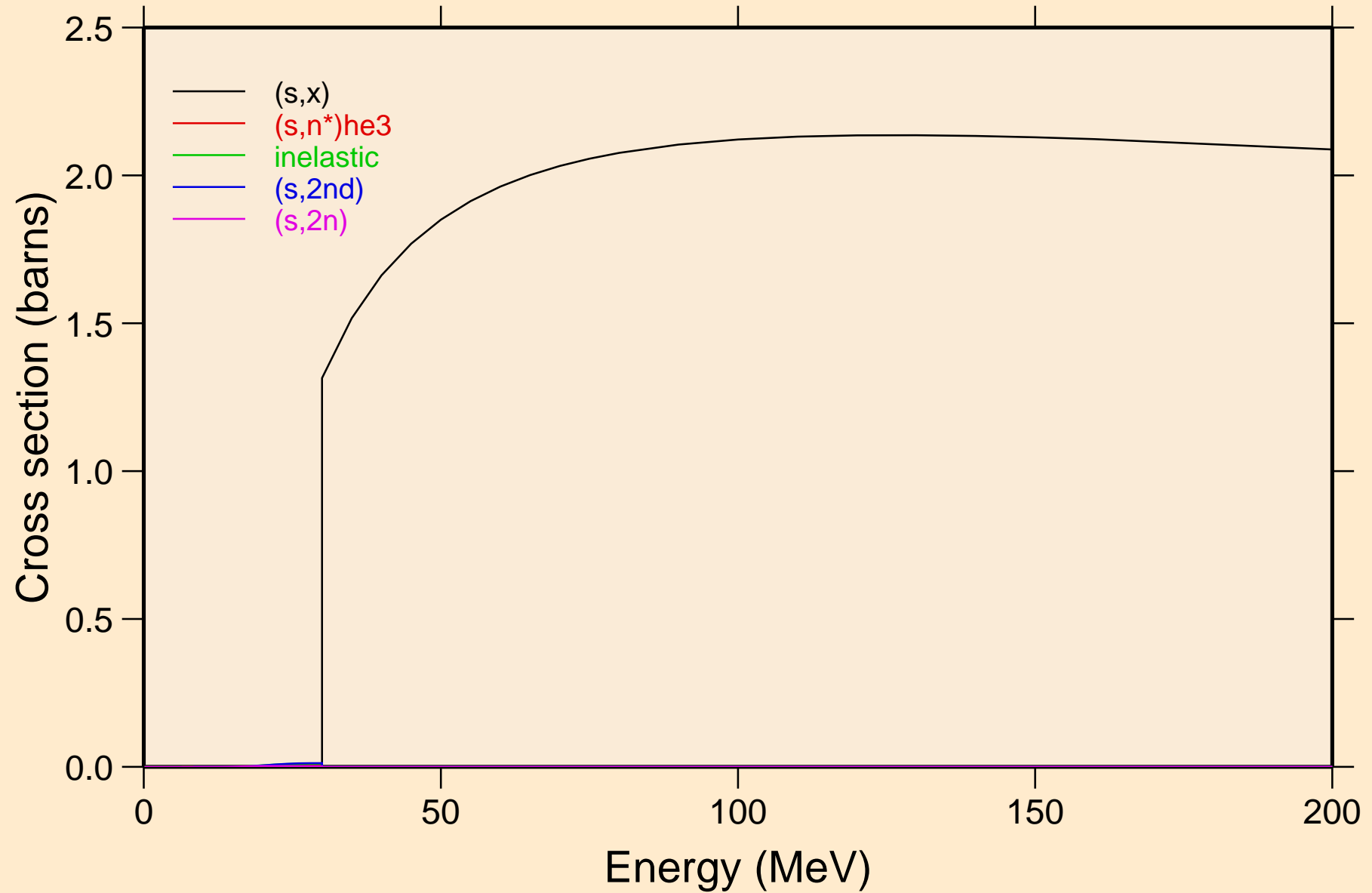


# CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K

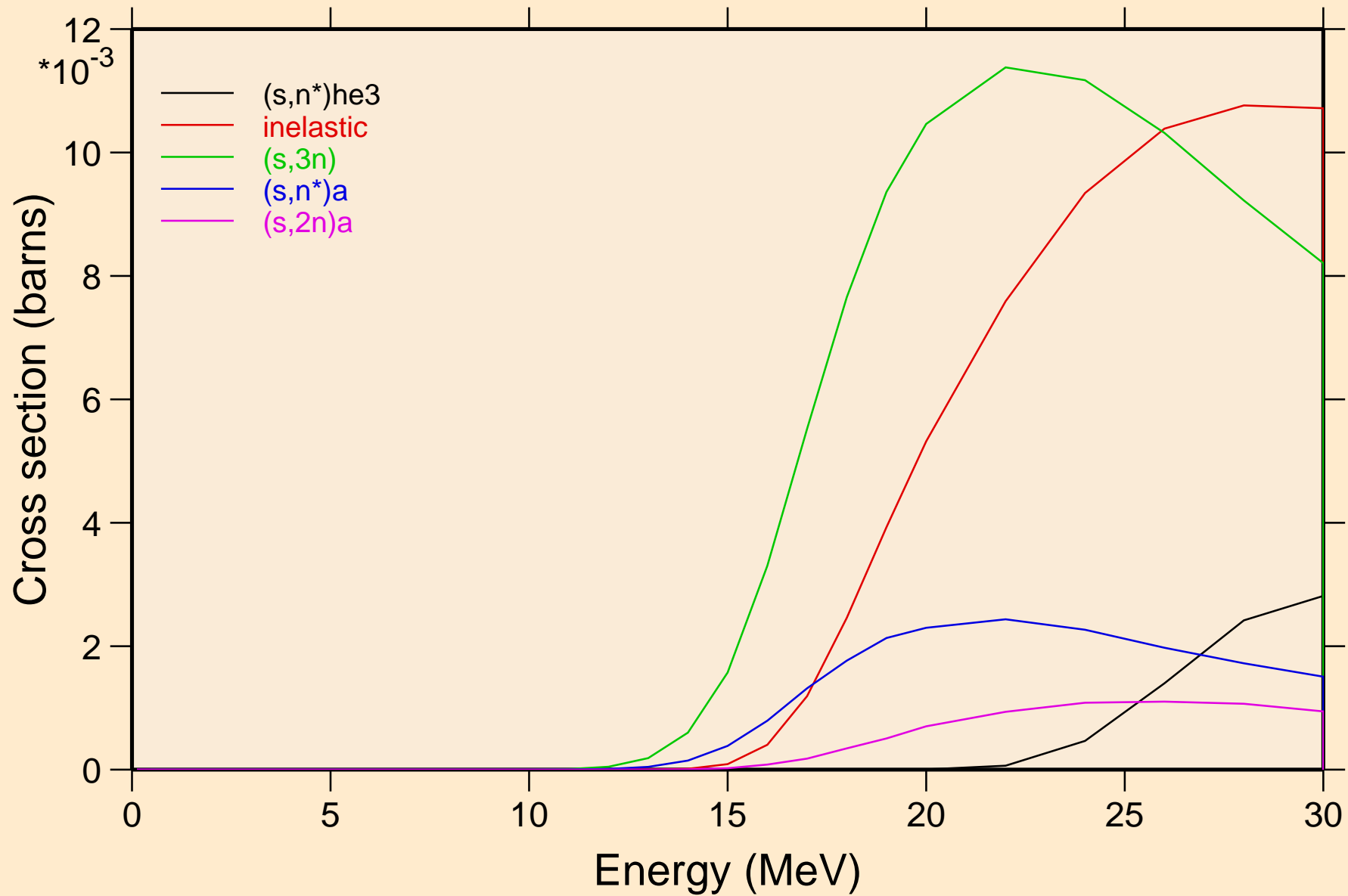
## Heating



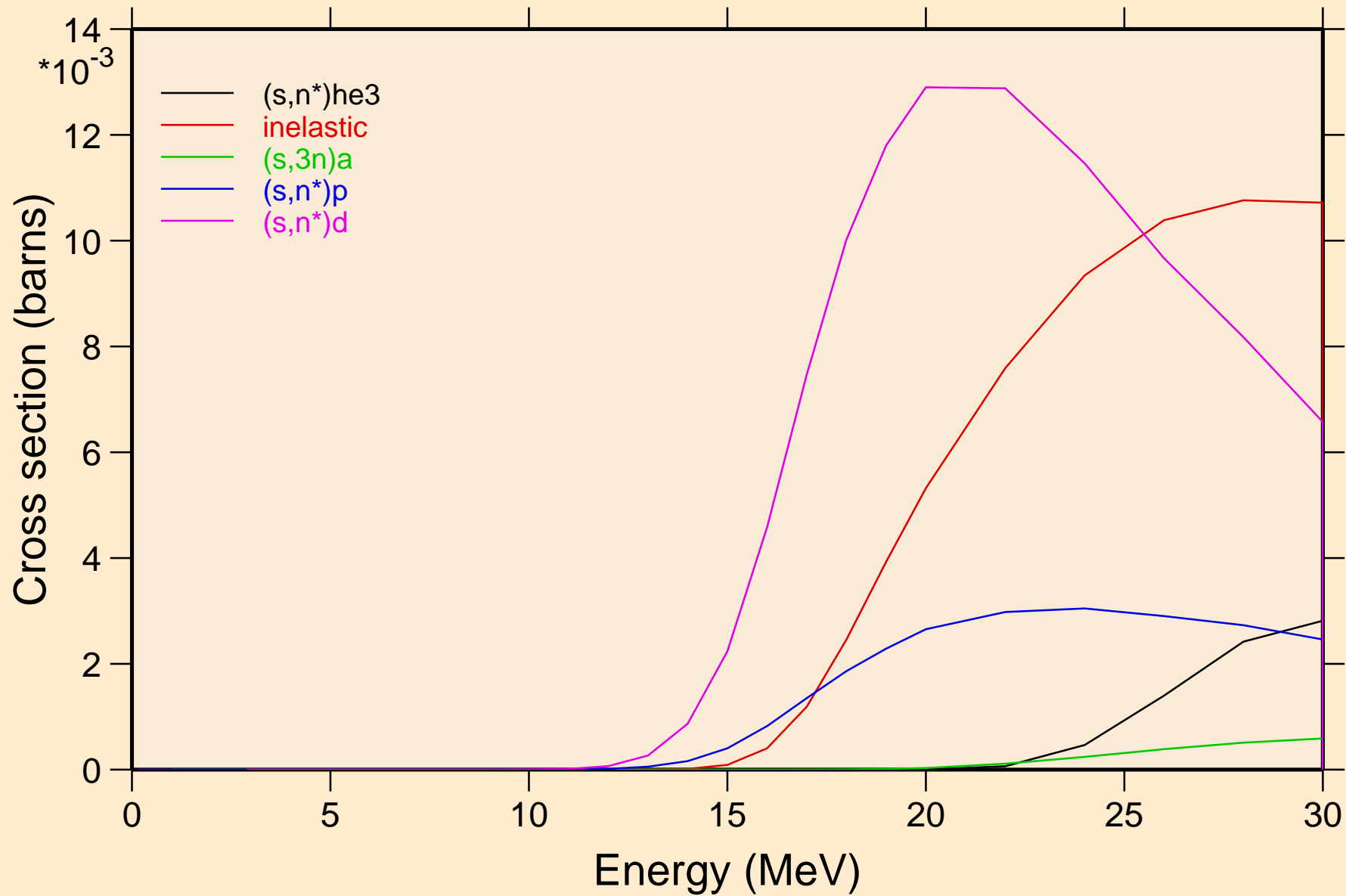
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



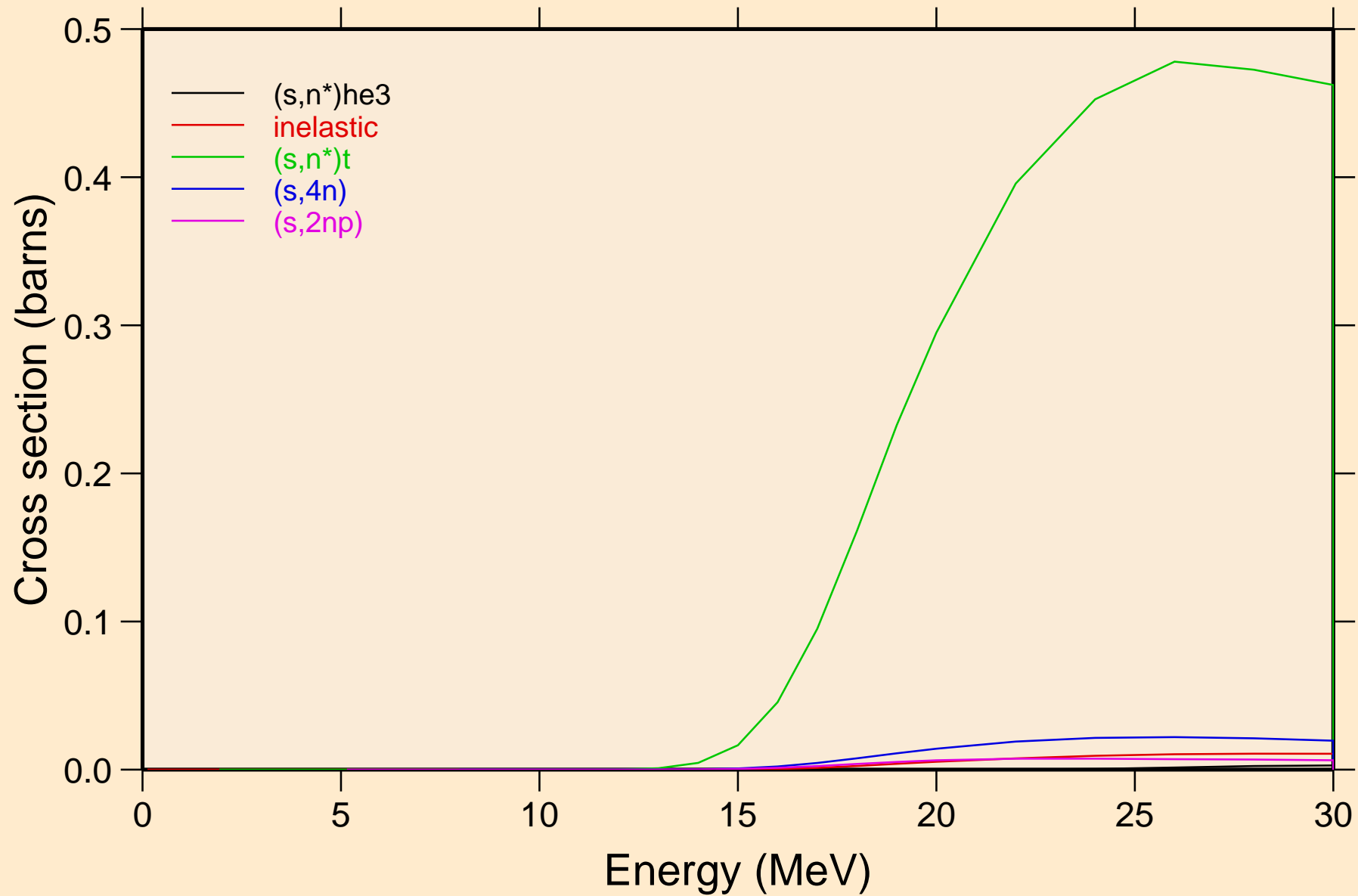
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



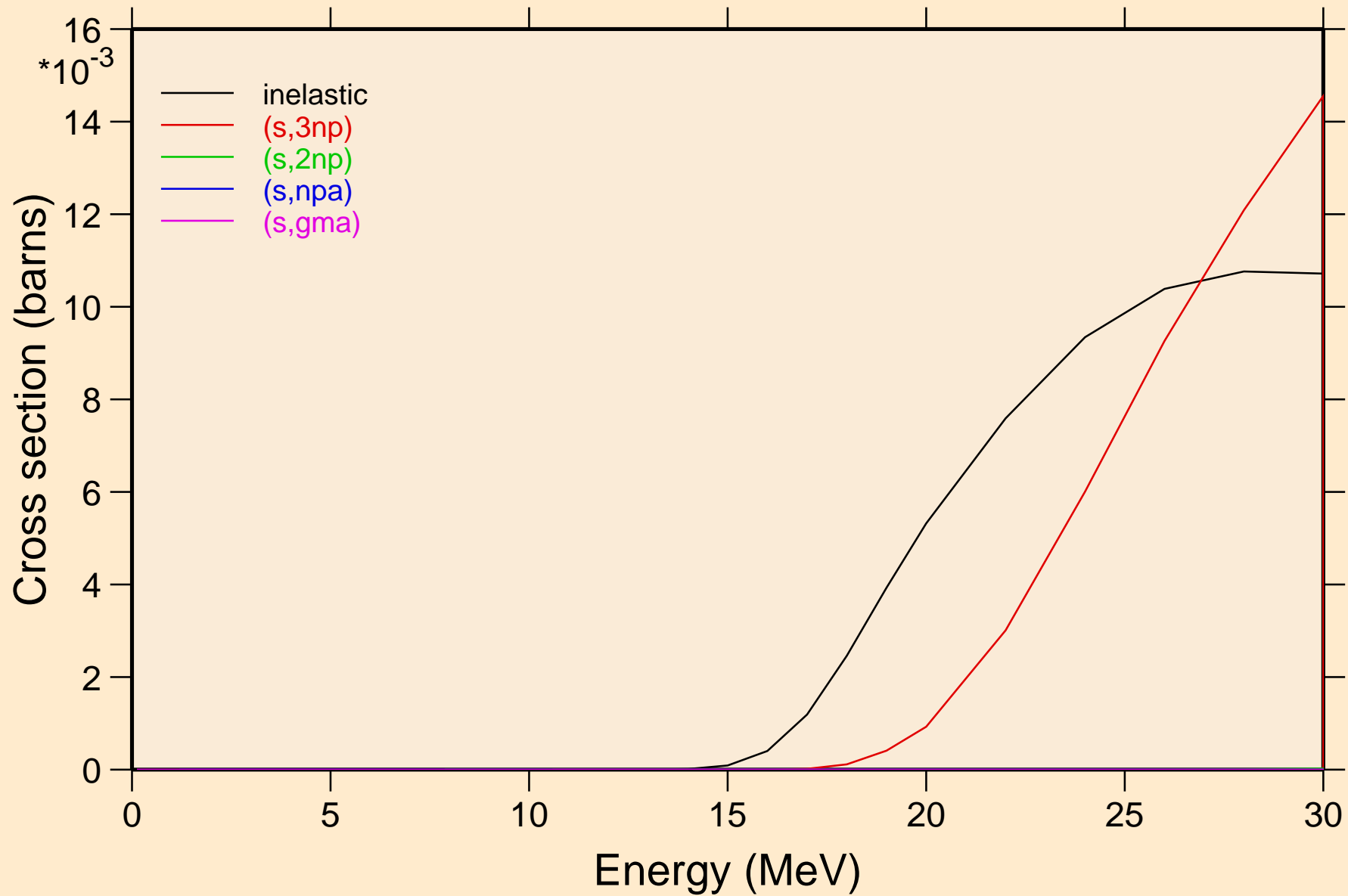
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



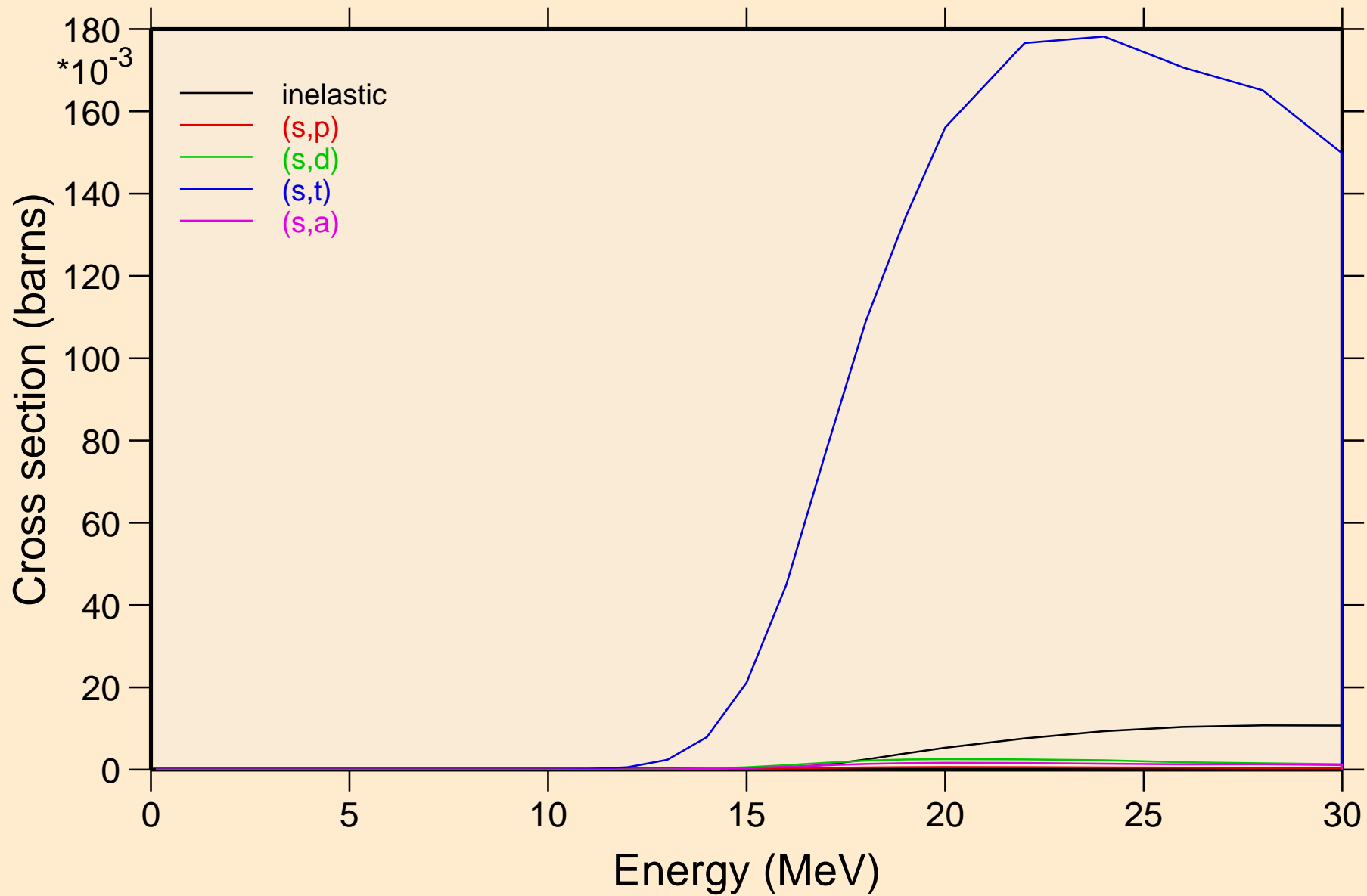


# CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K

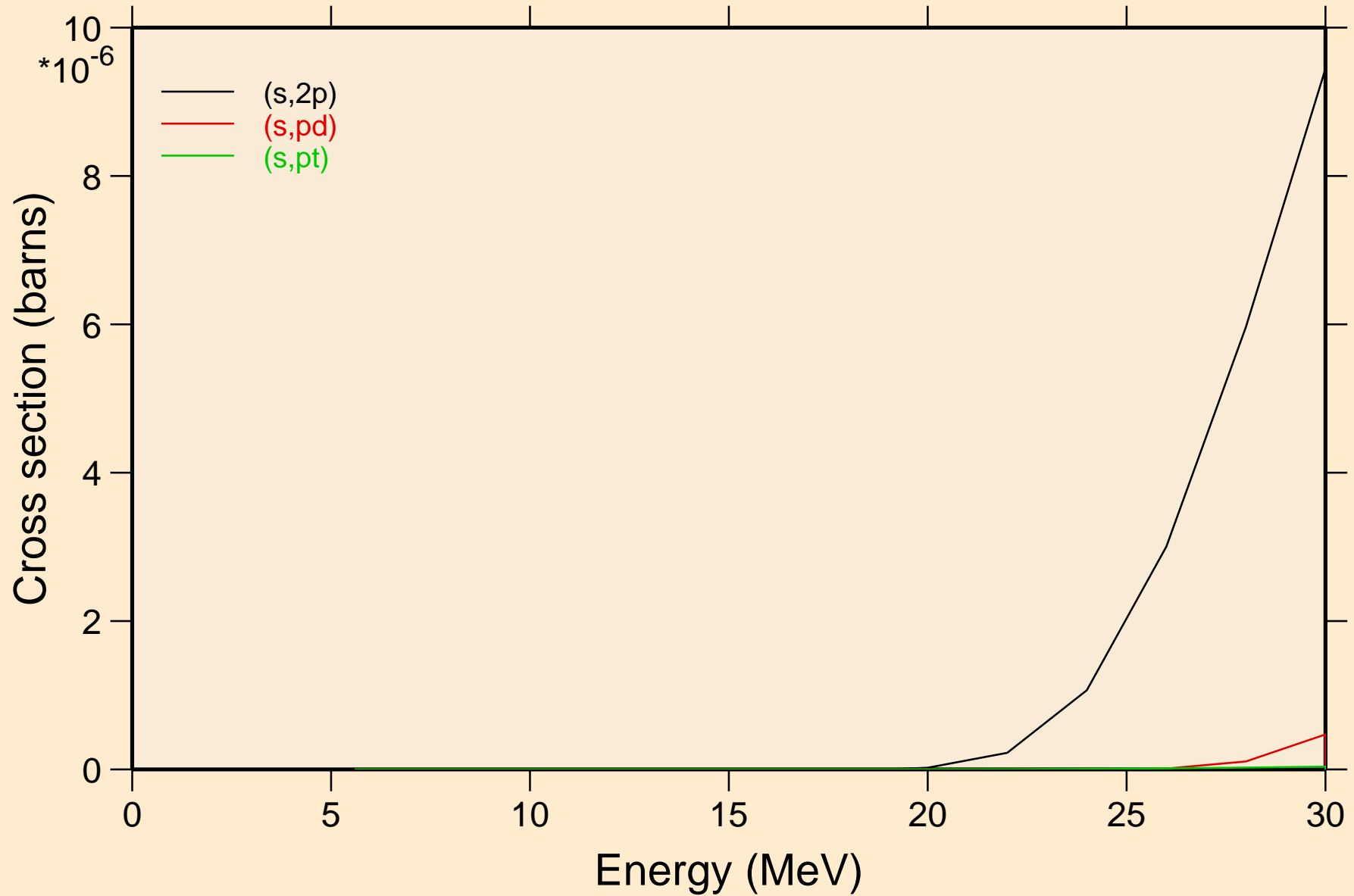
## Threshold reactions



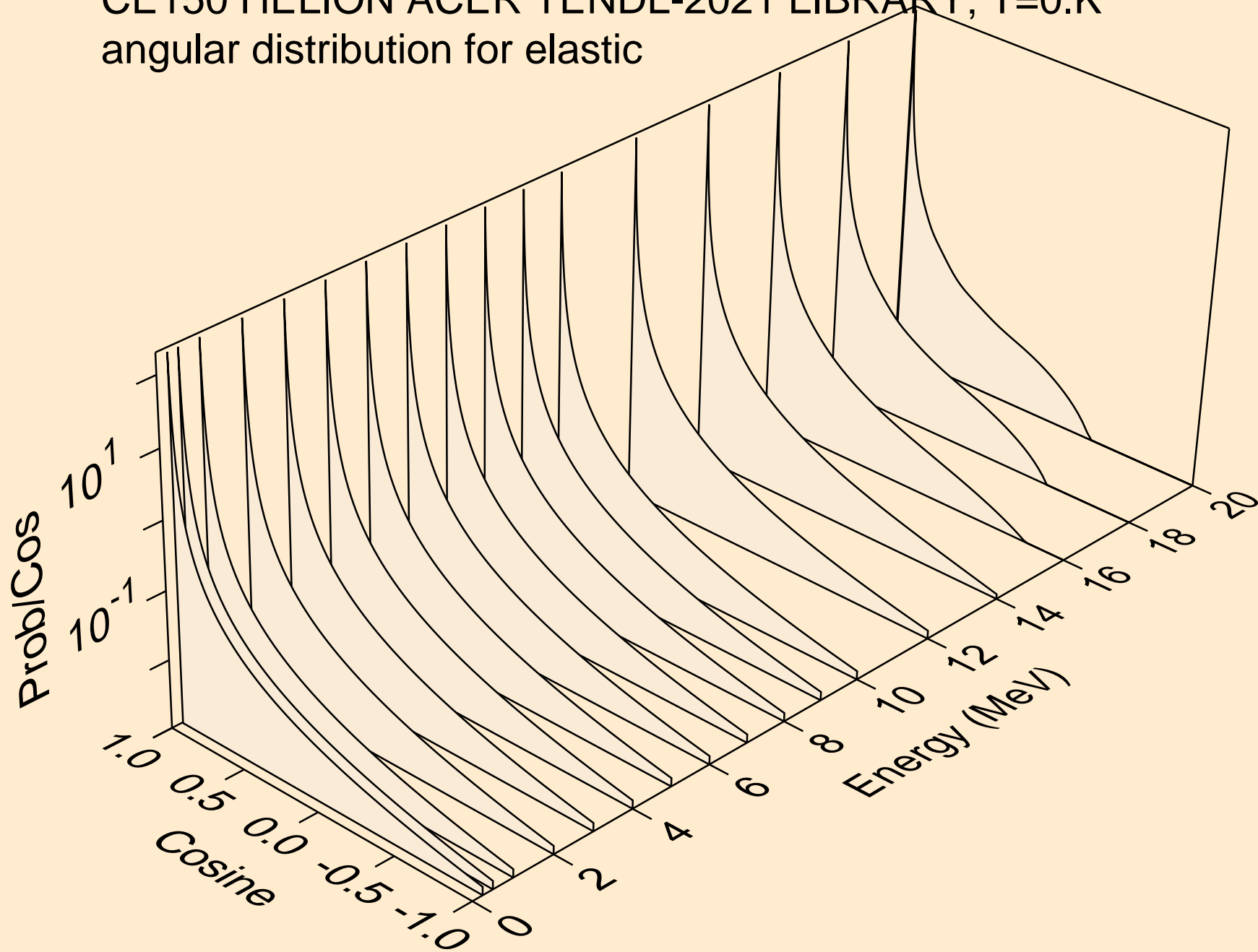
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



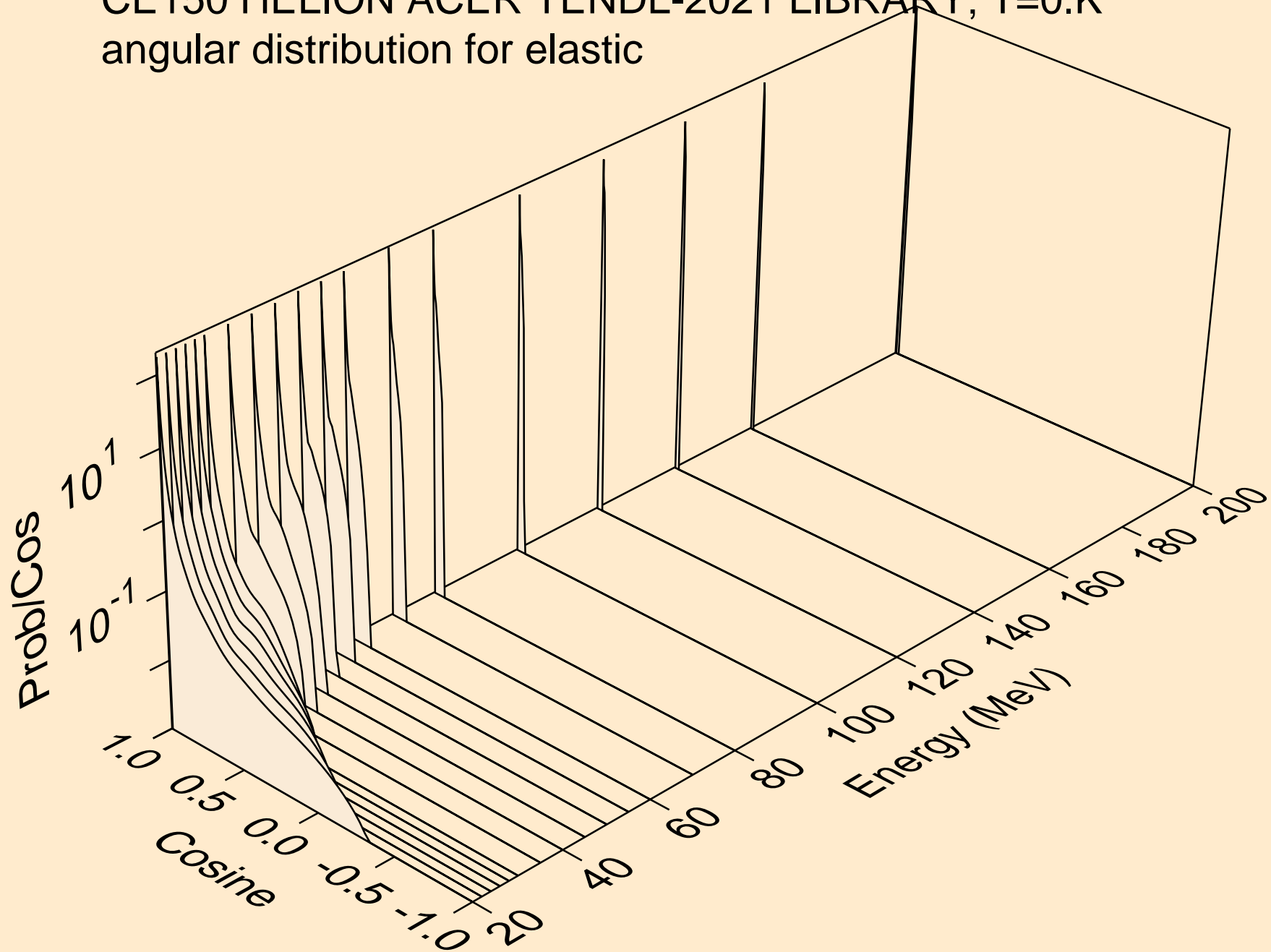
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



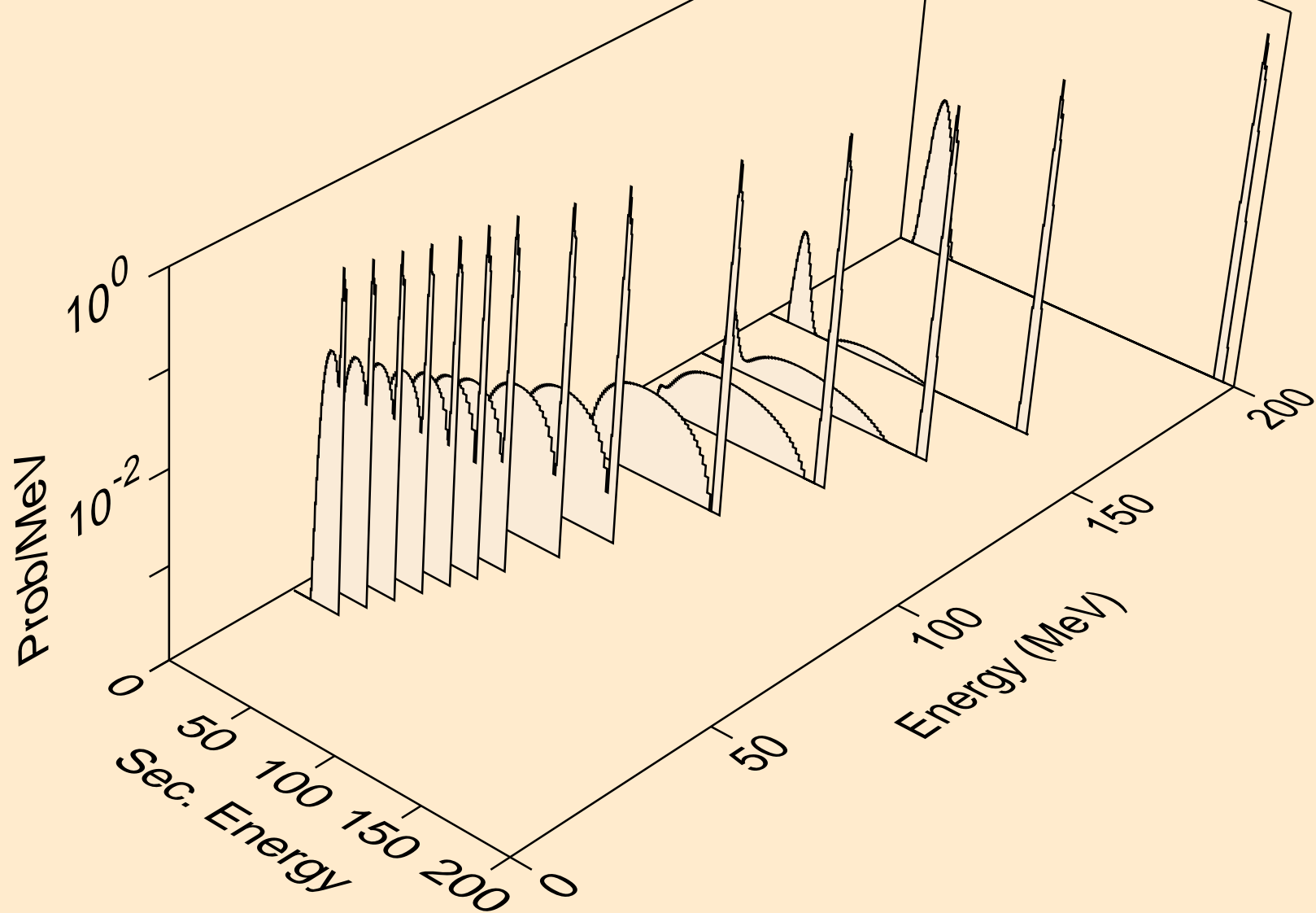
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



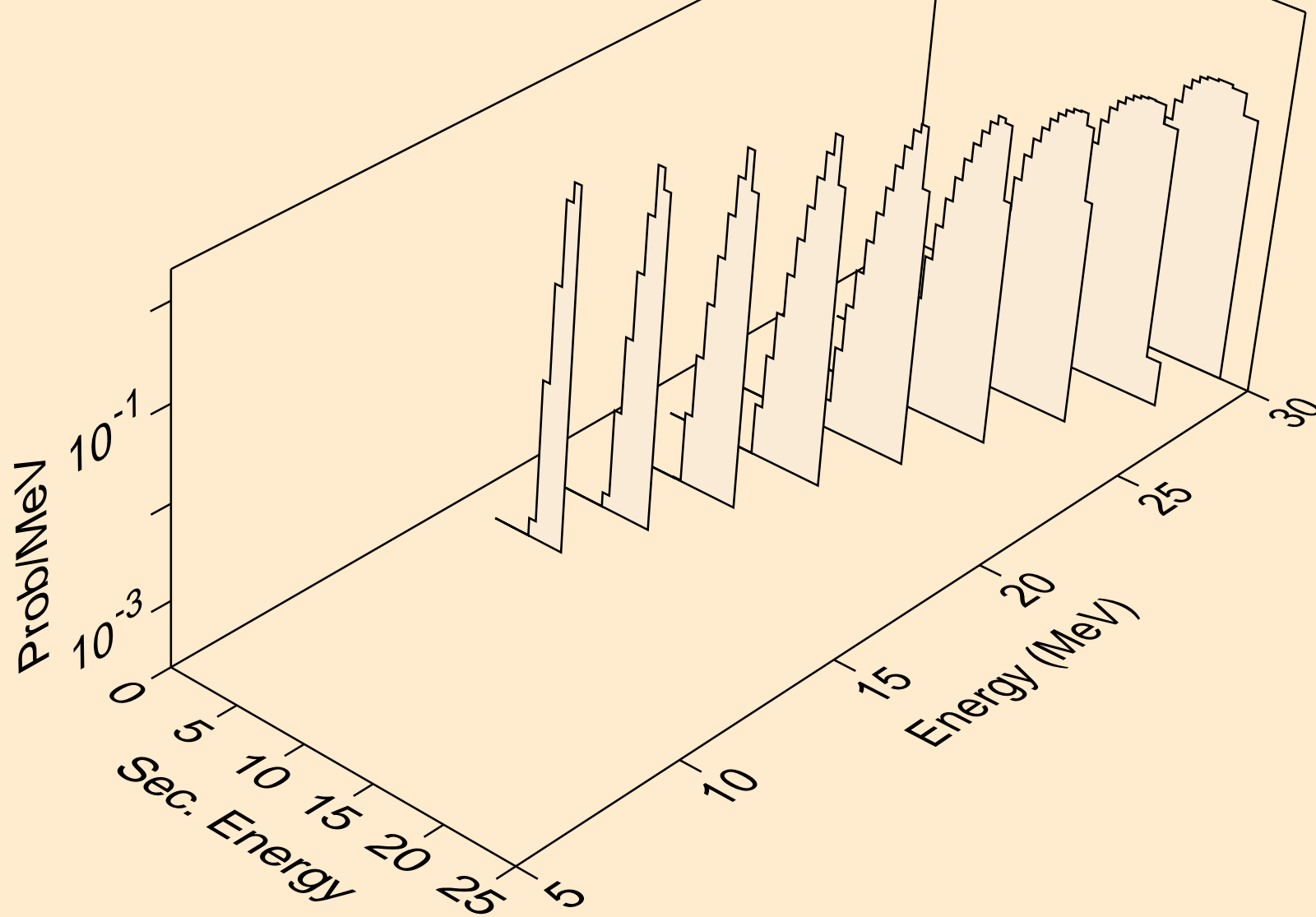
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



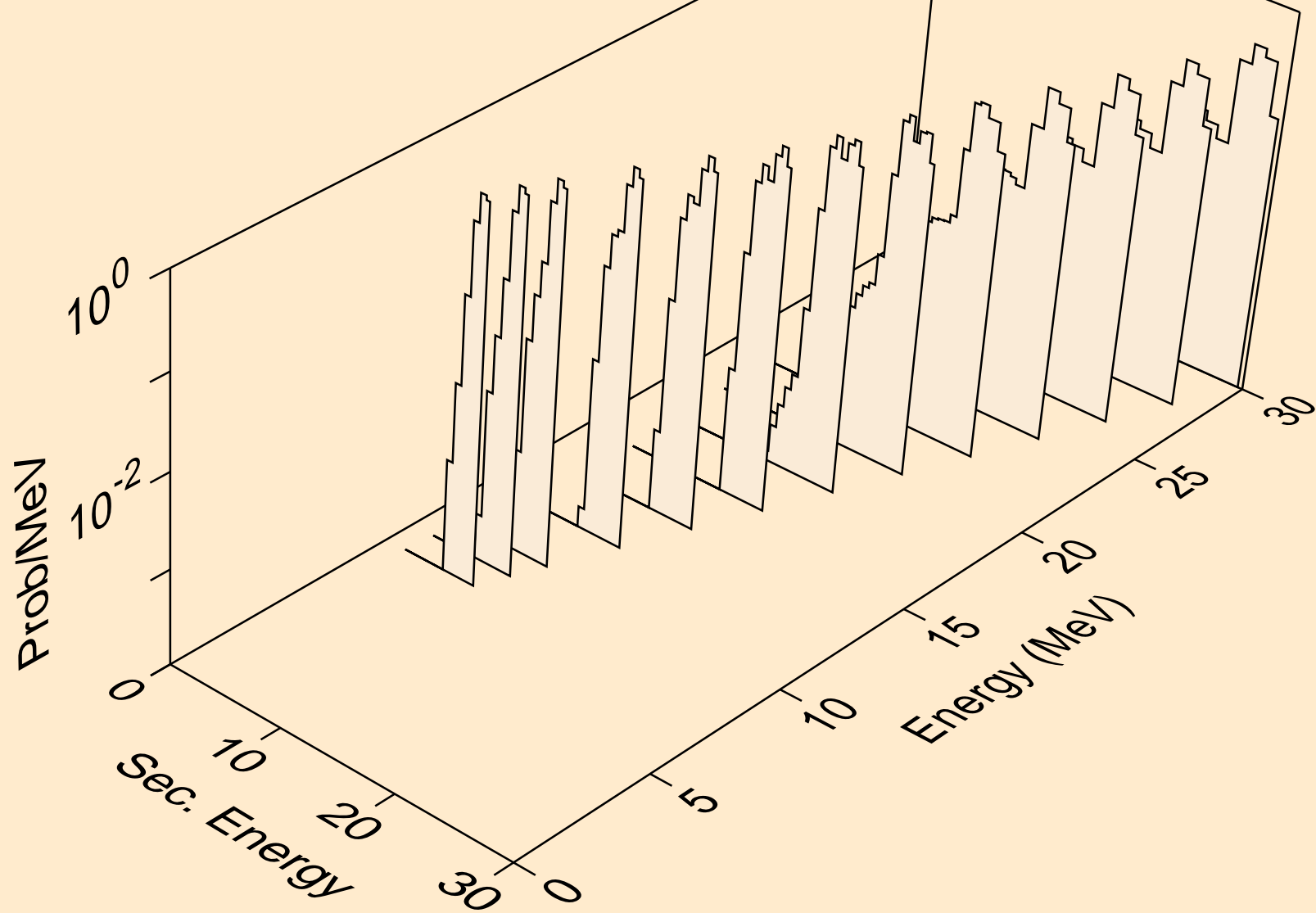
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

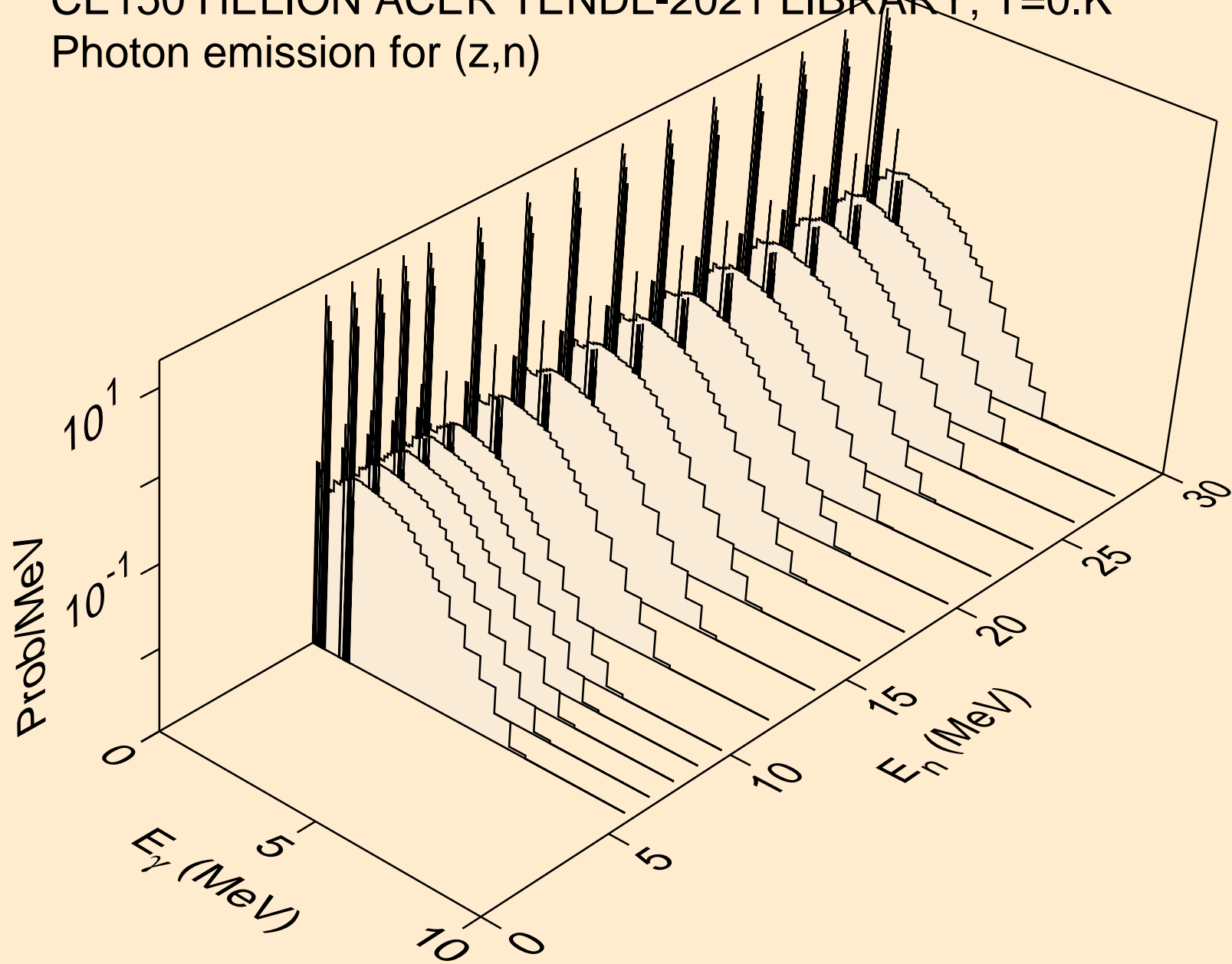


CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

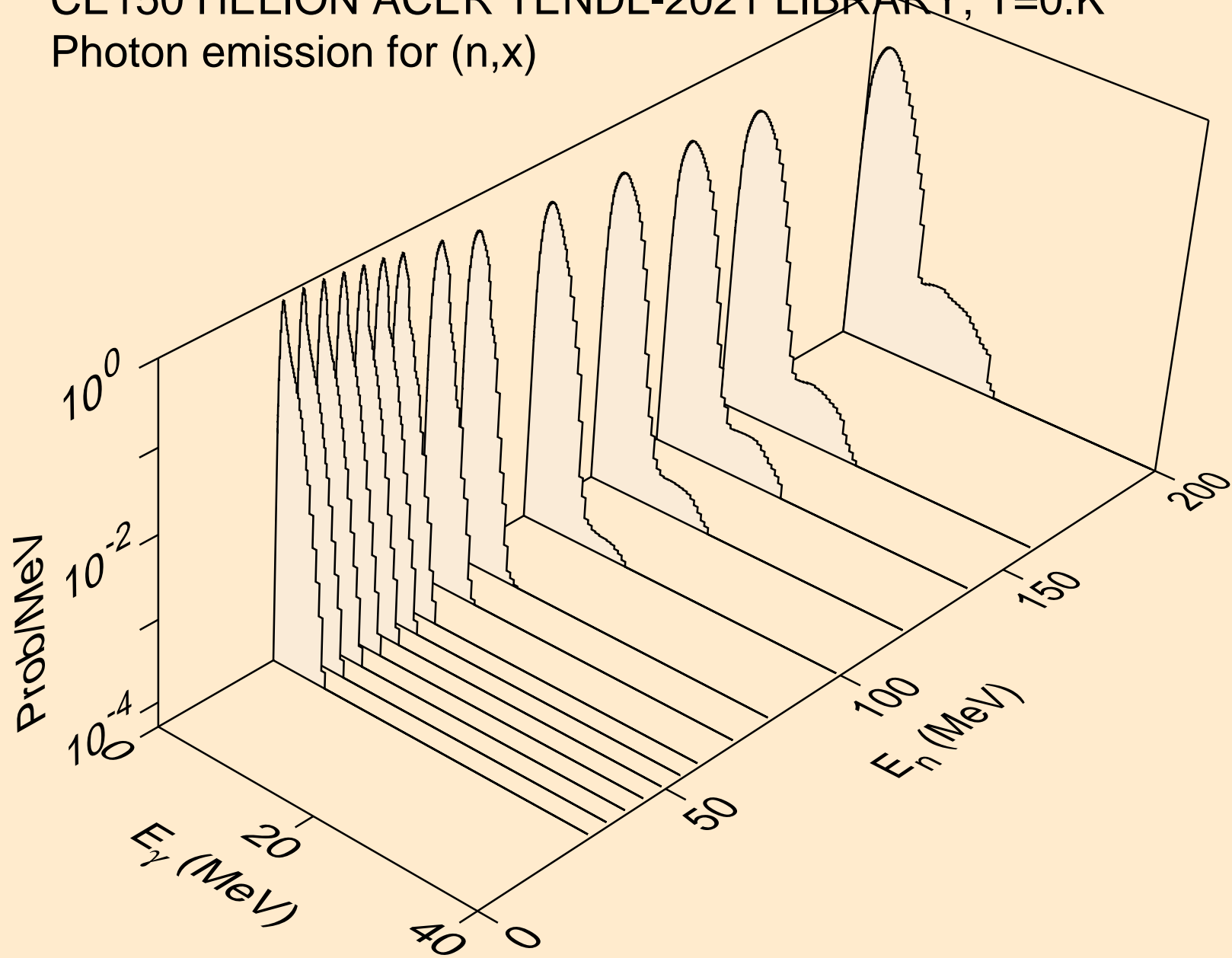




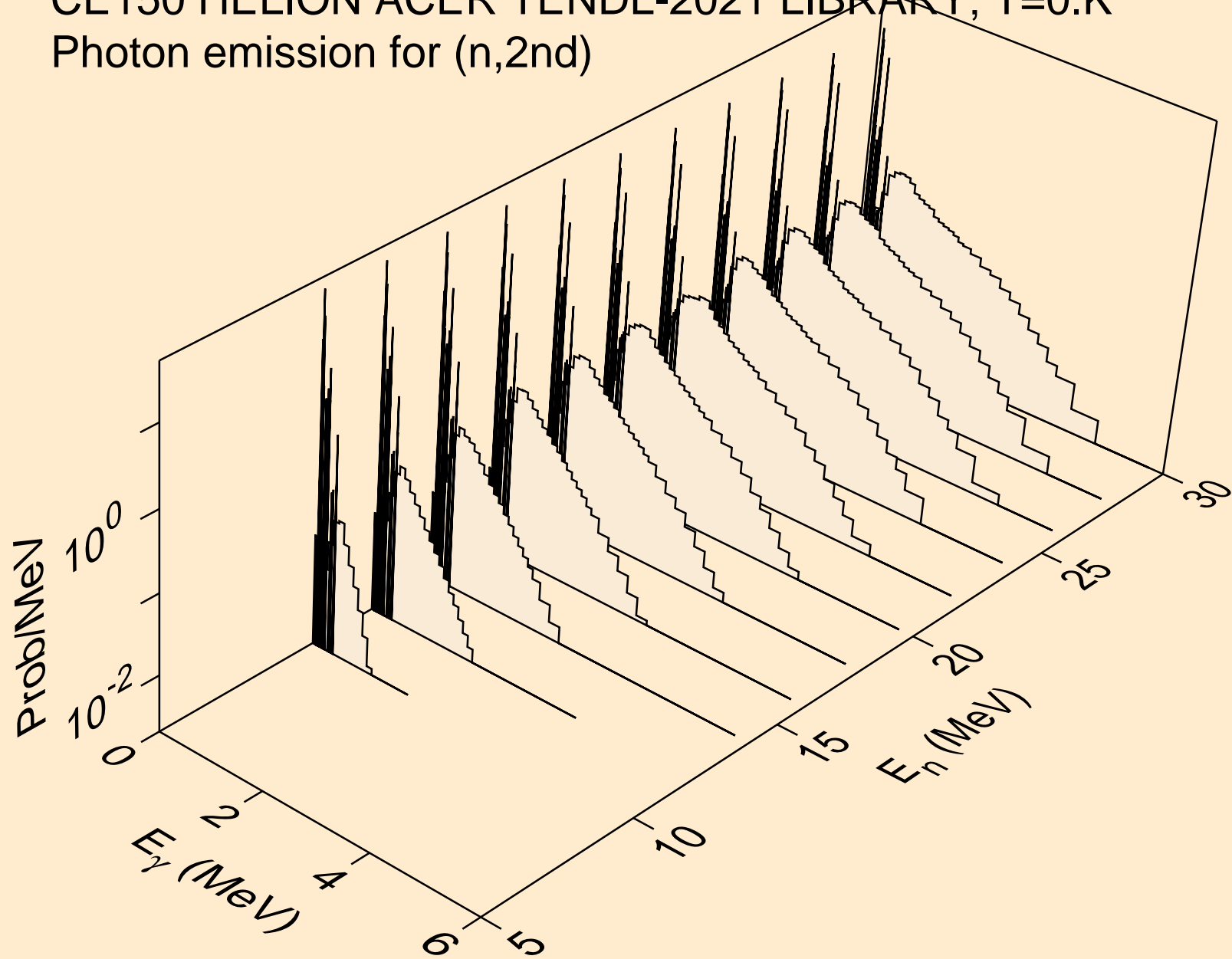
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



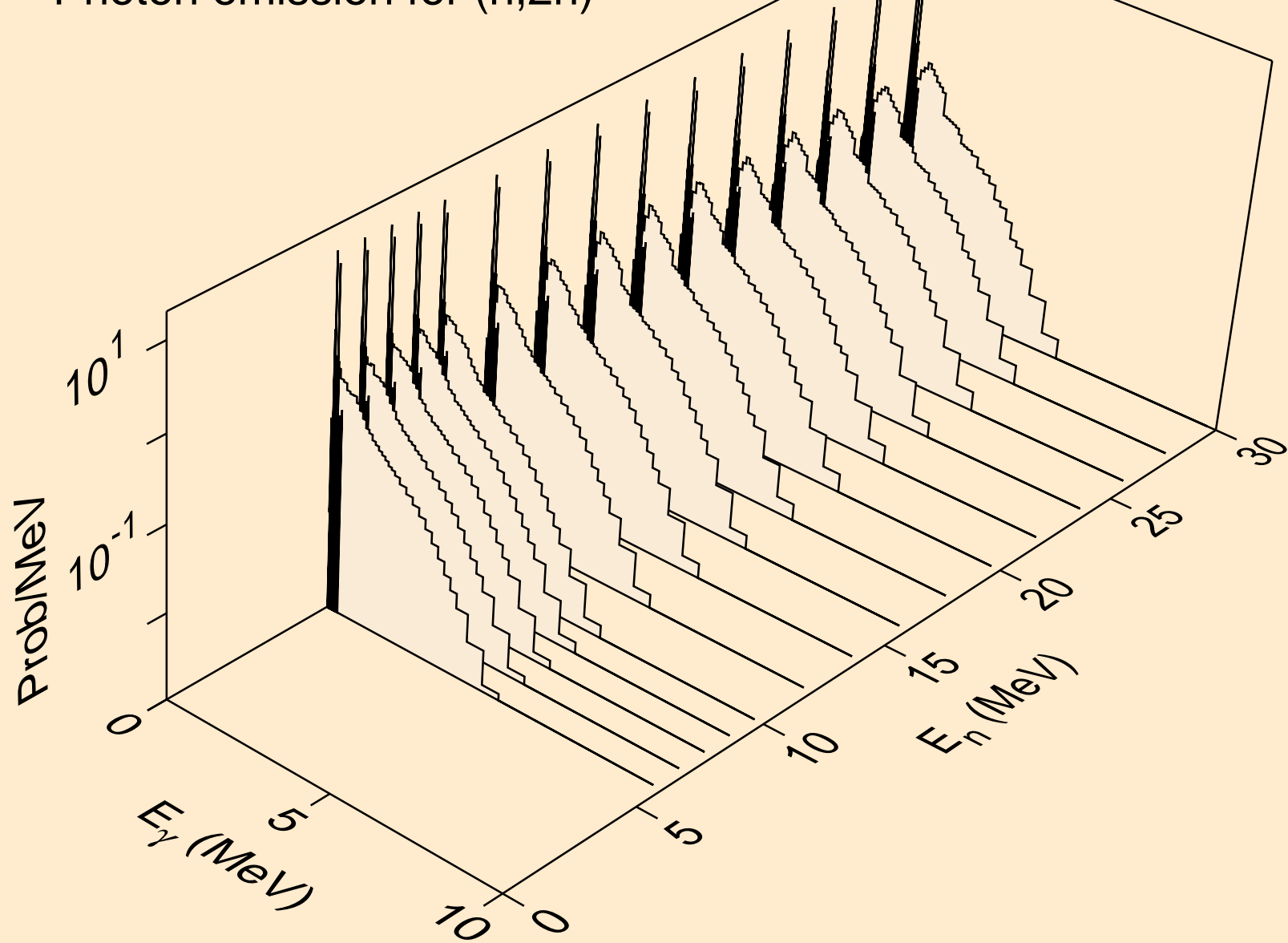
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



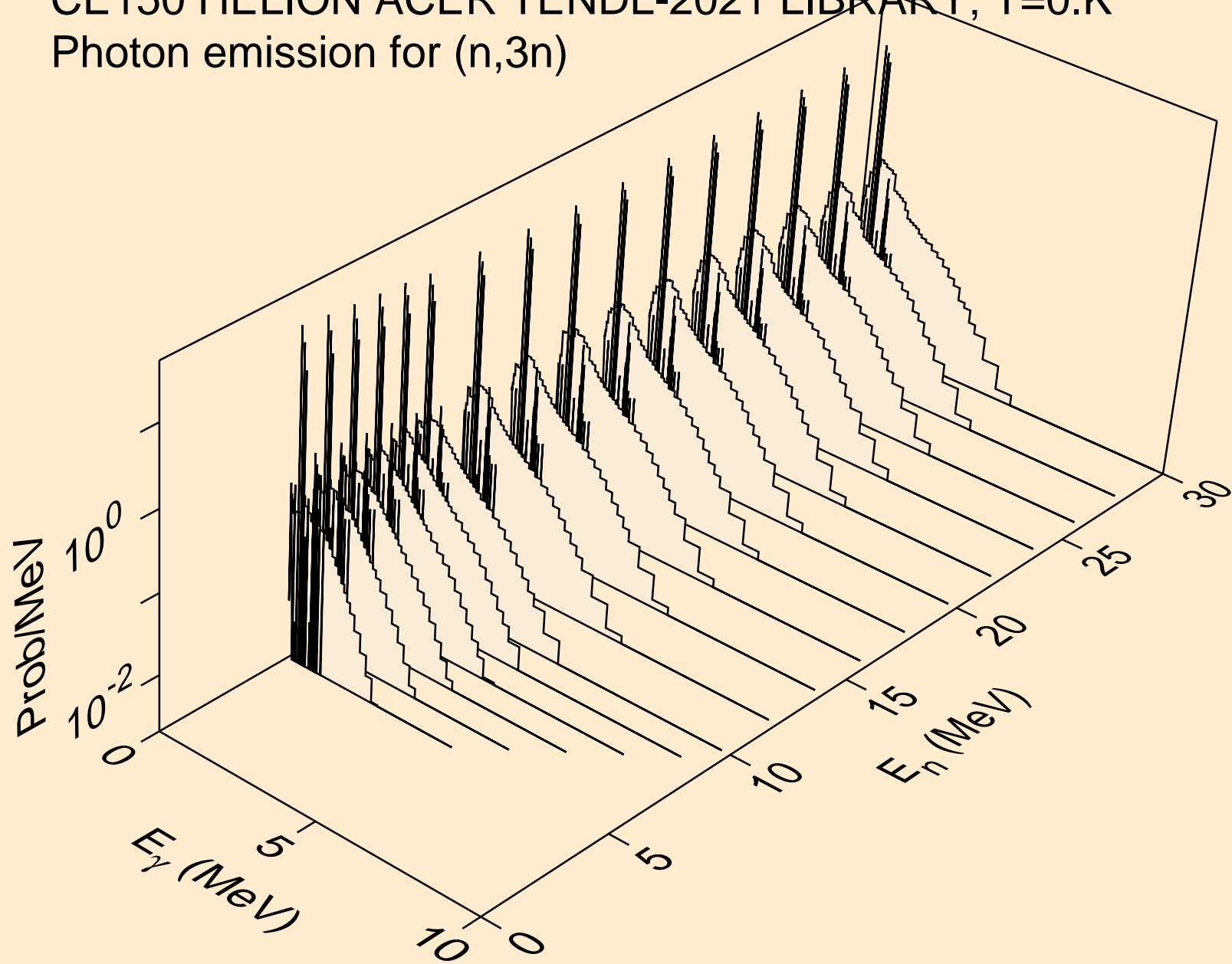
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



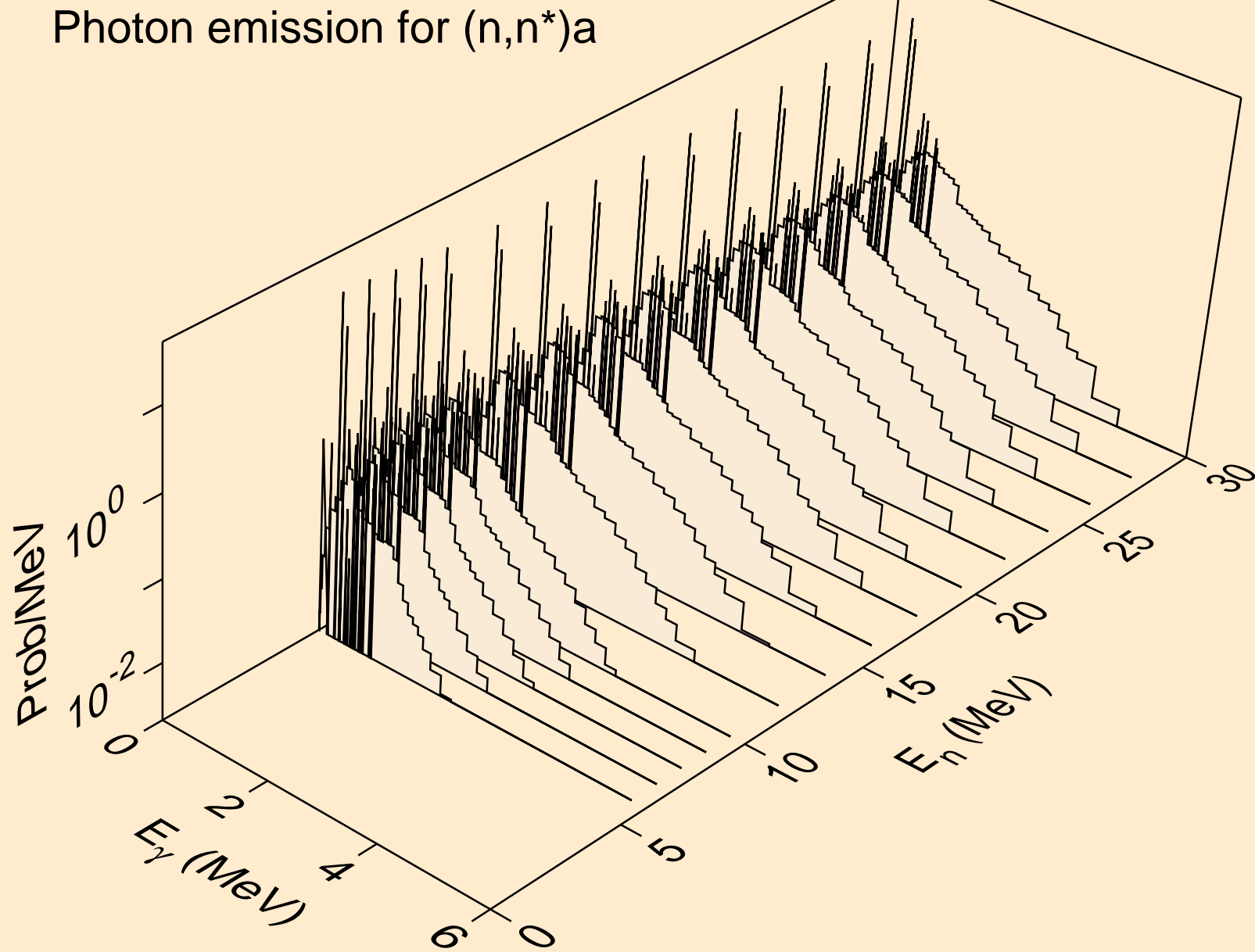
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



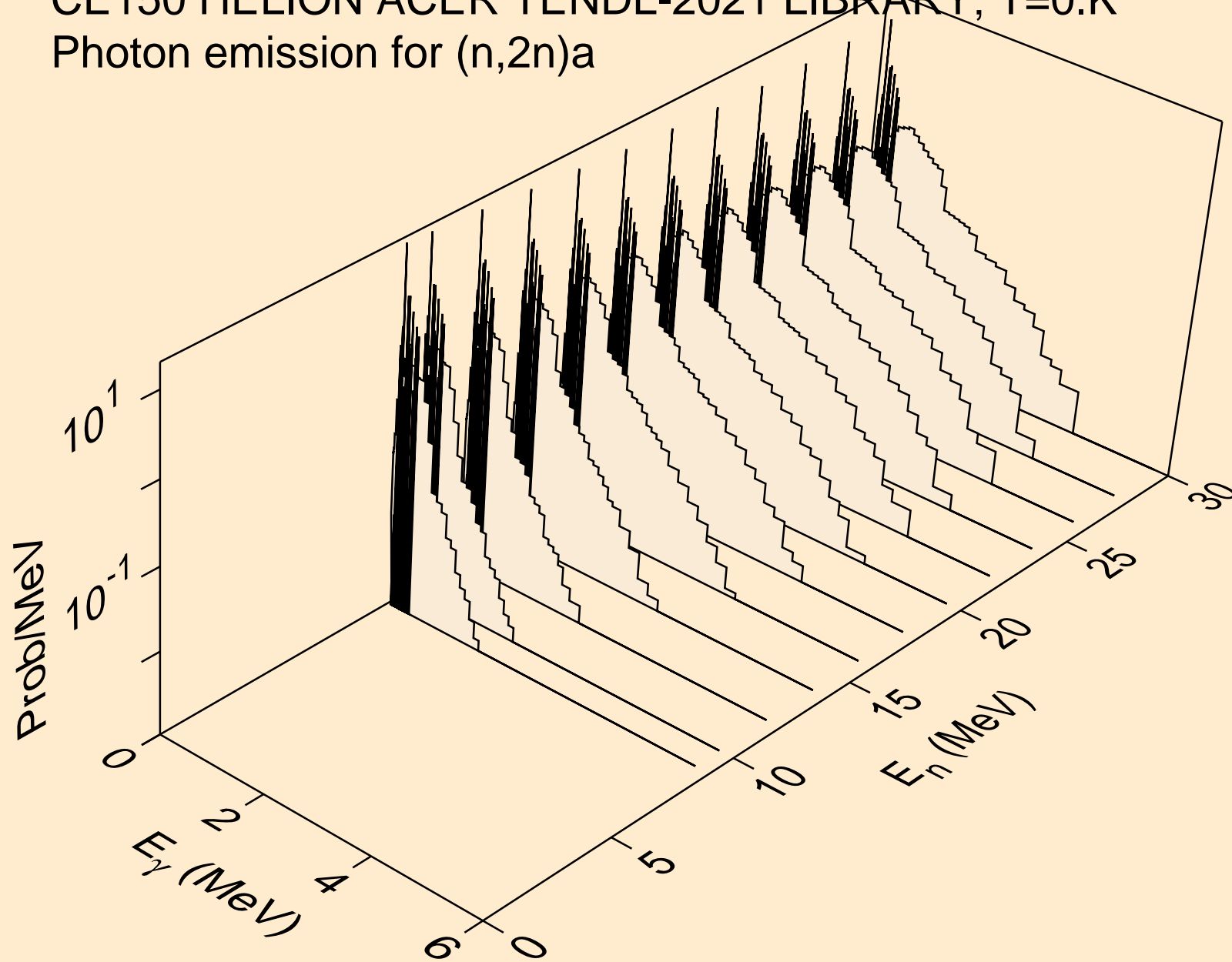
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



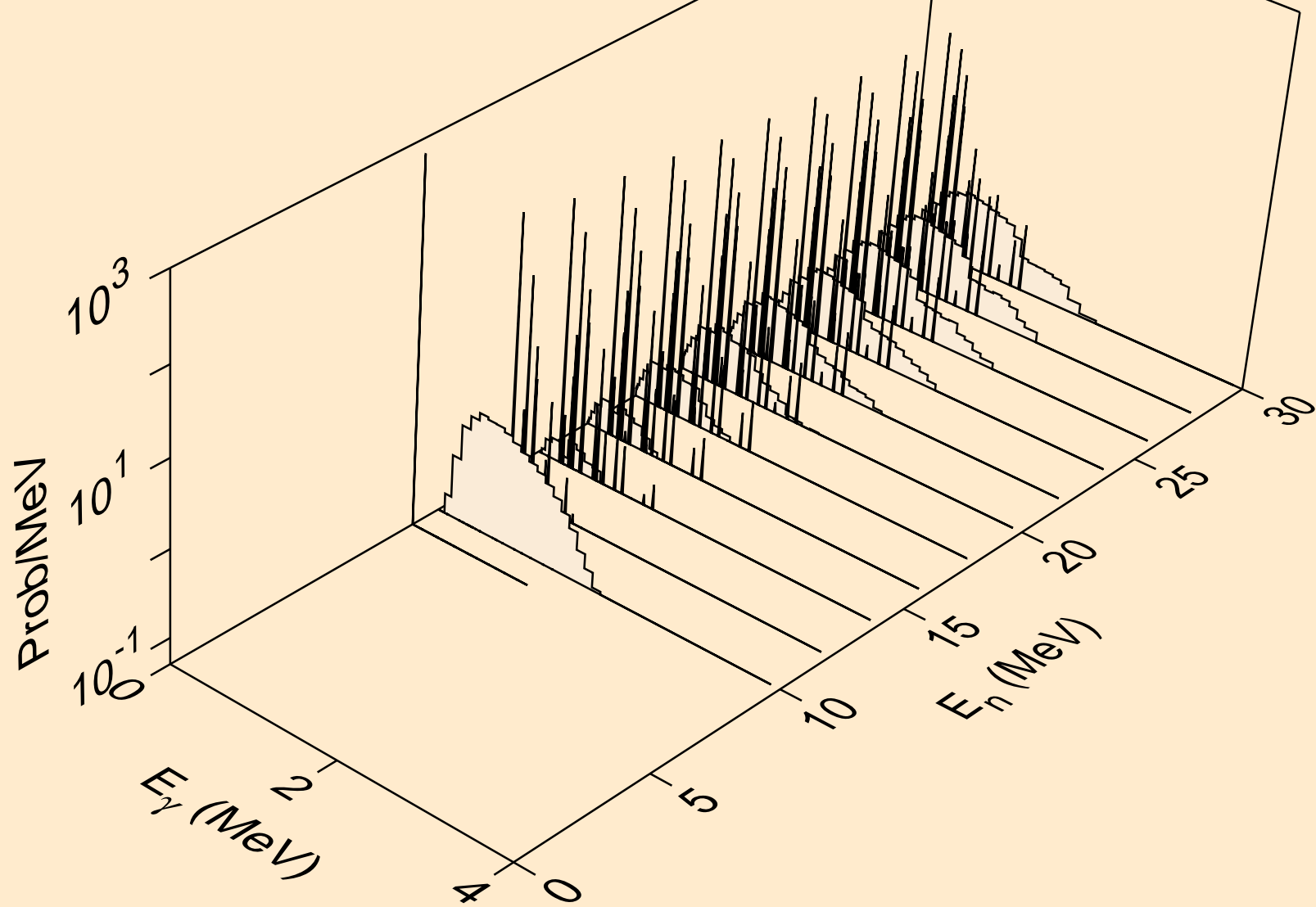
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

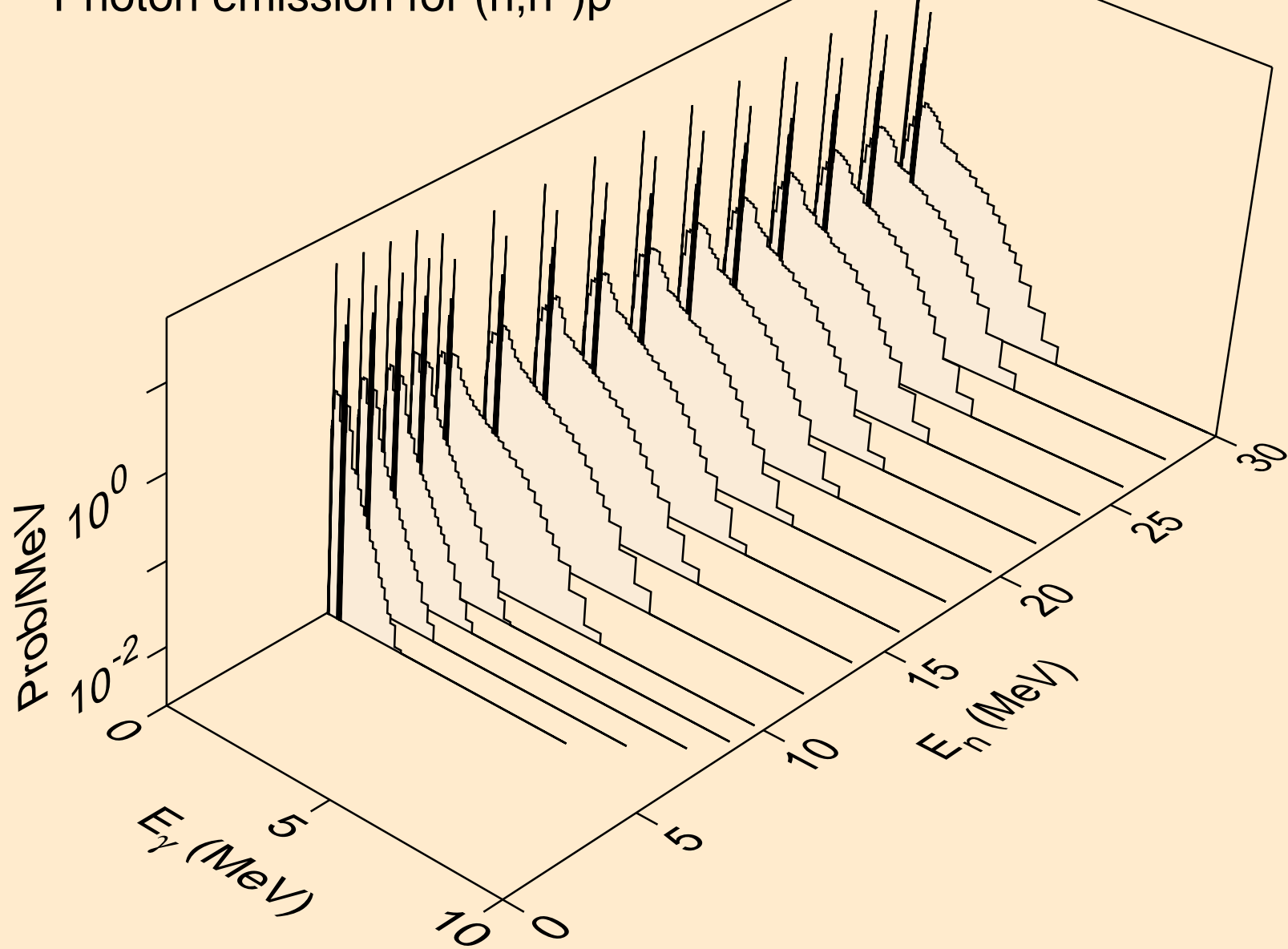


CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a

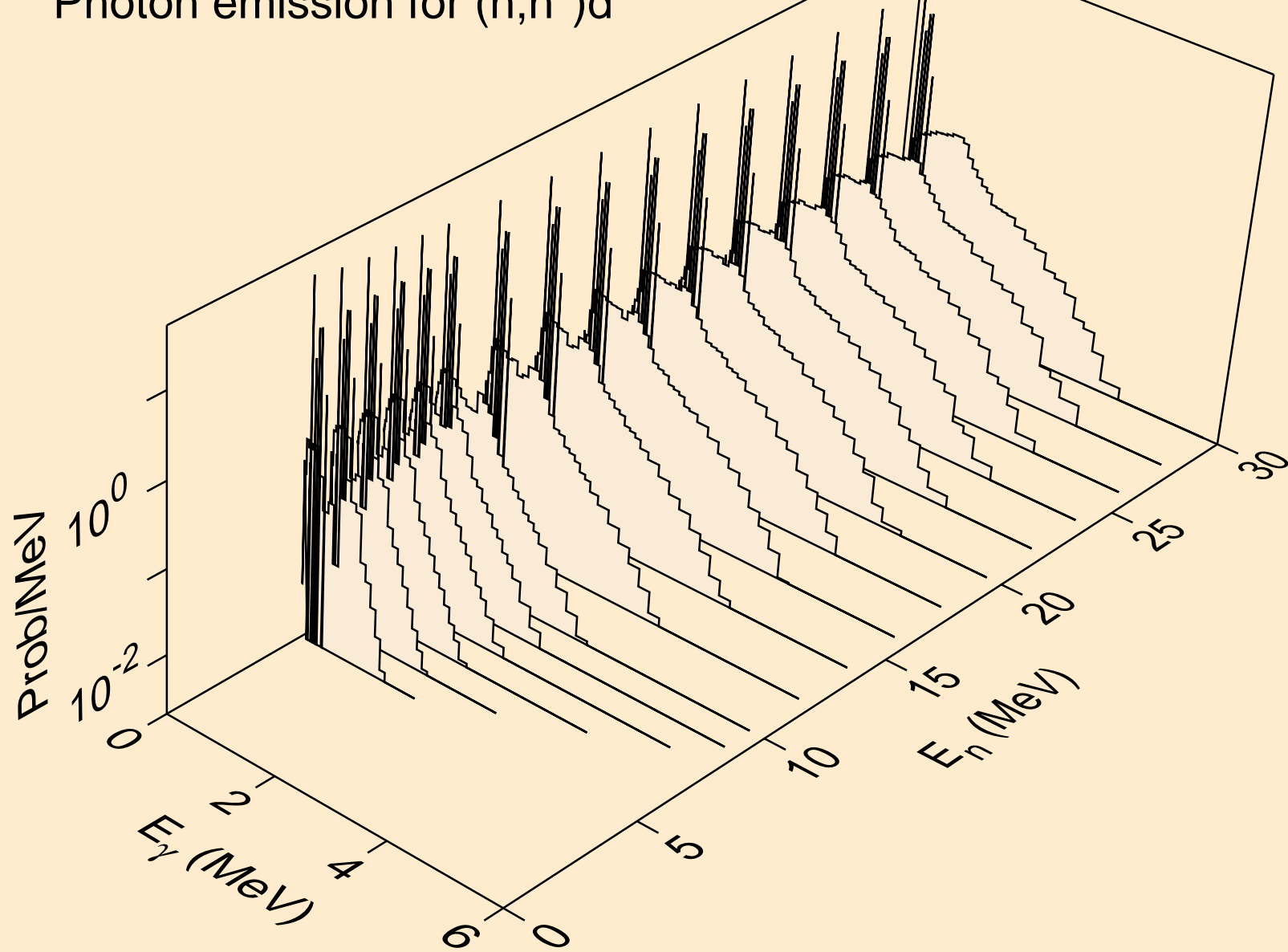




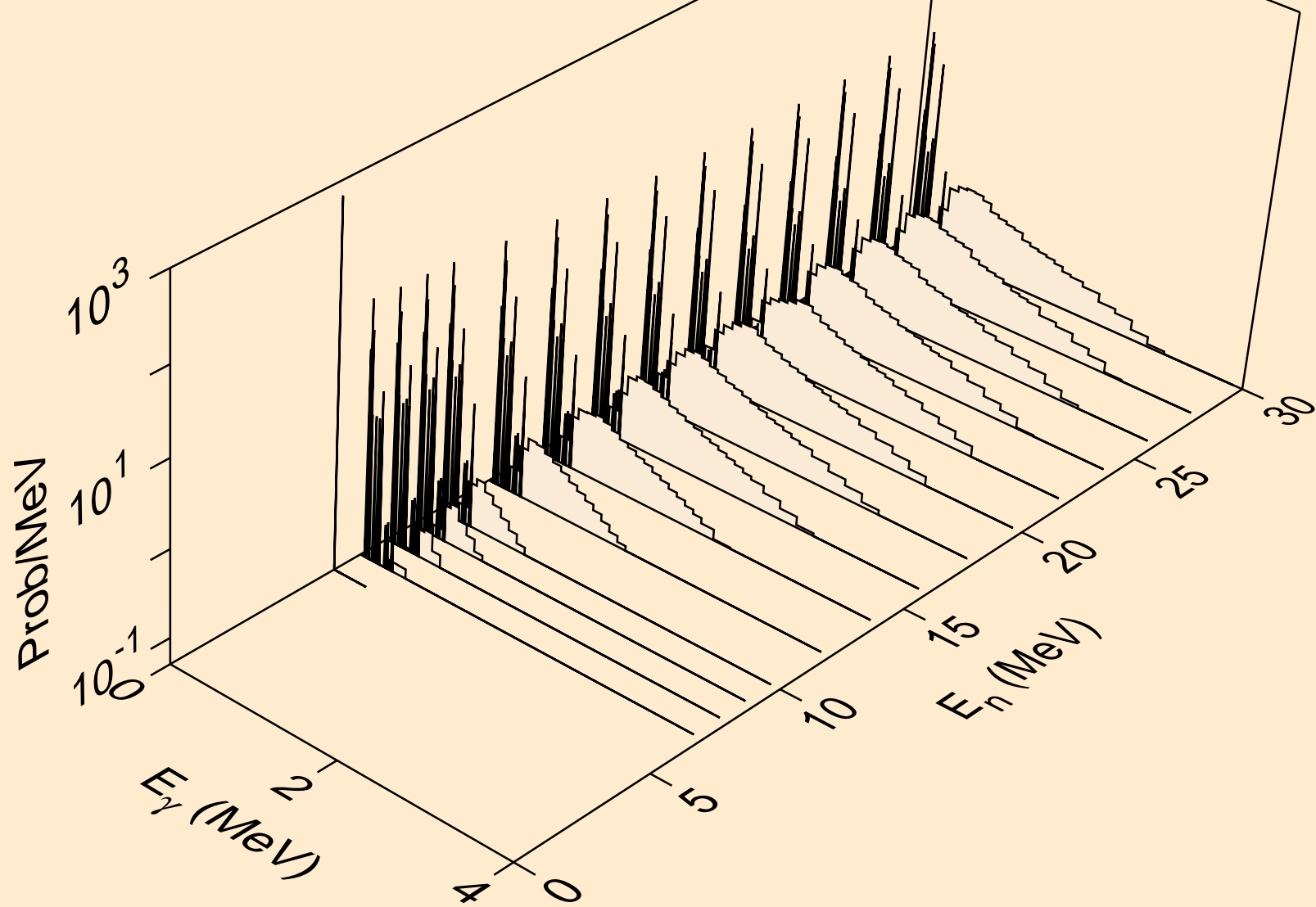
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



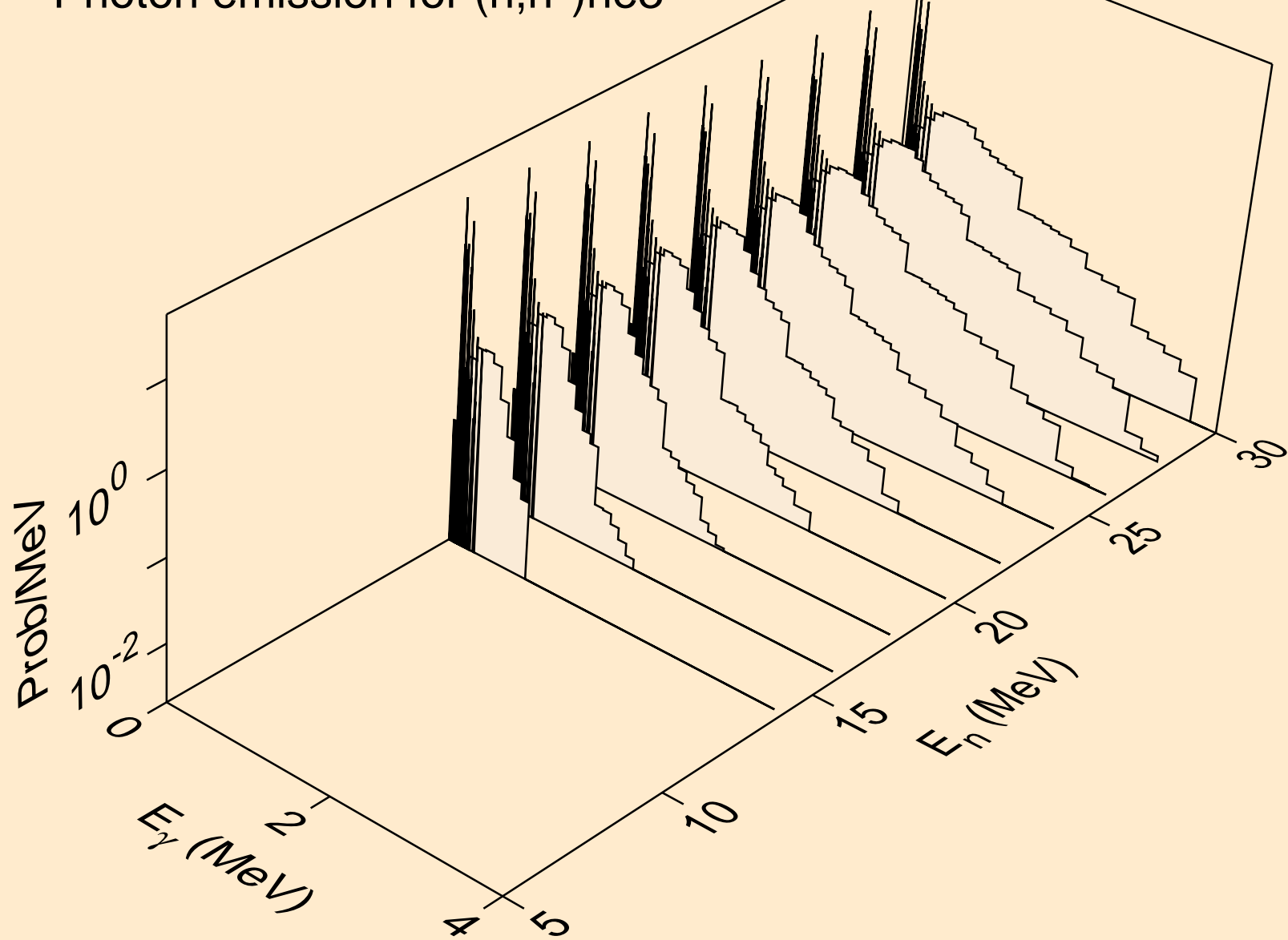
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



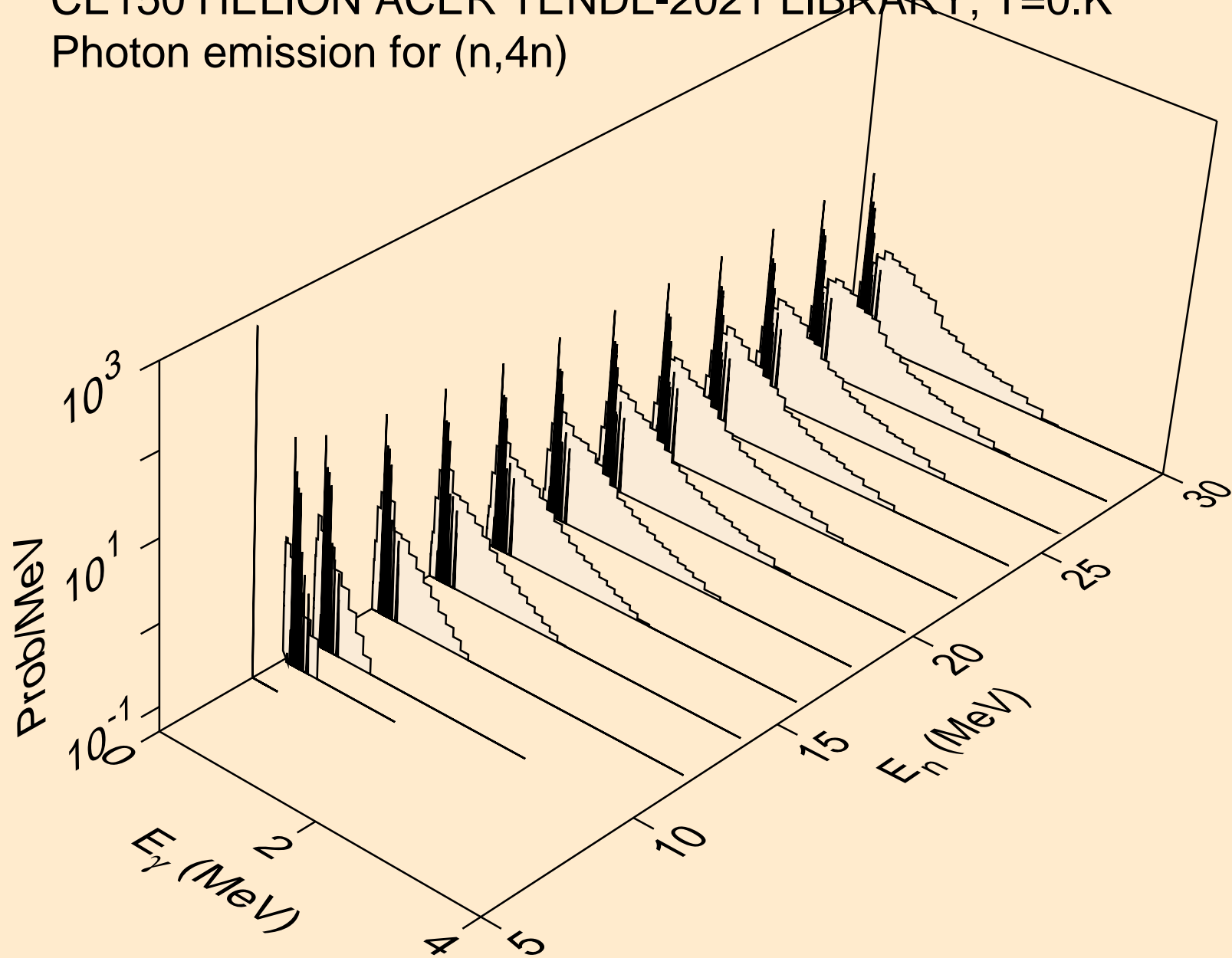
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



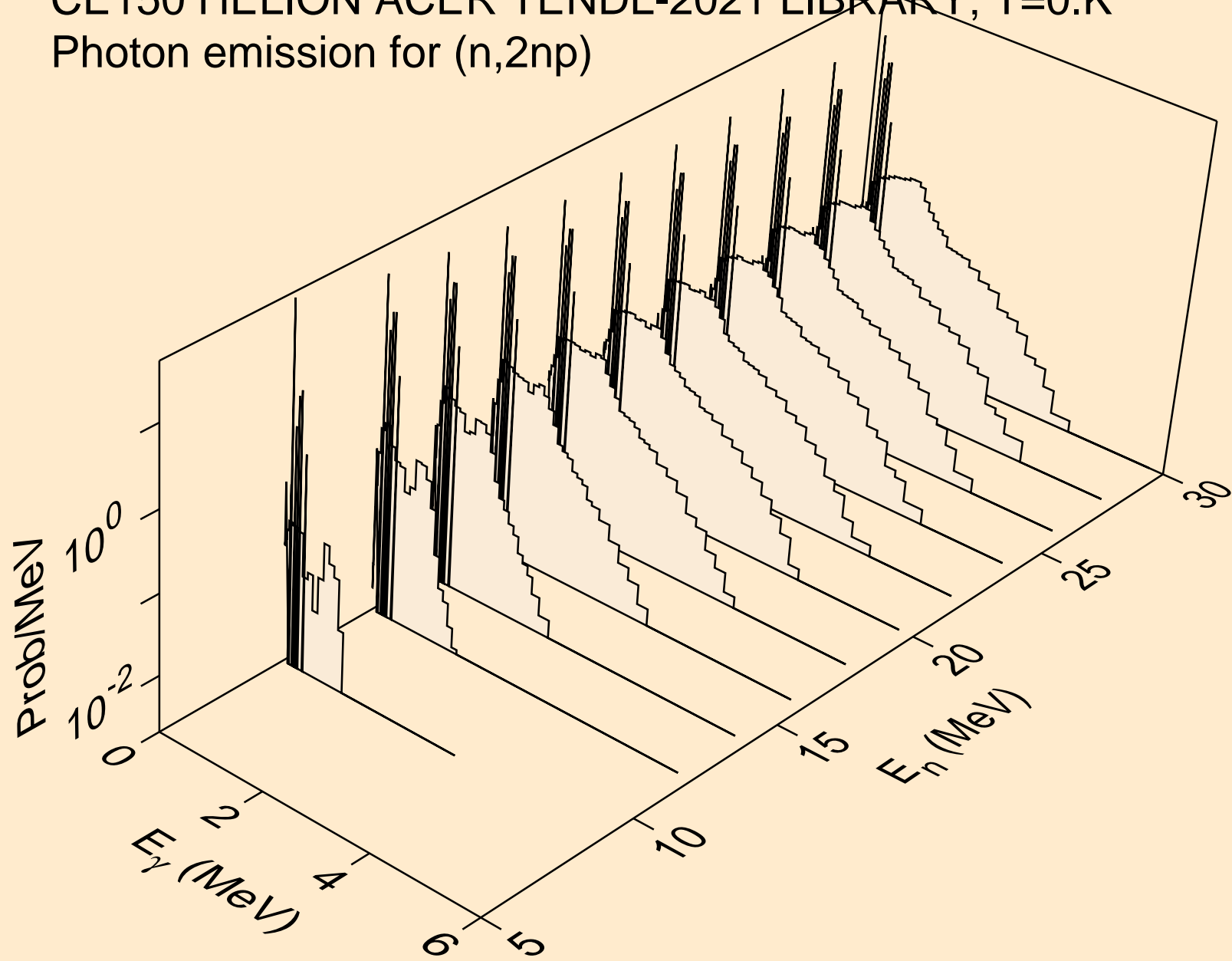
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



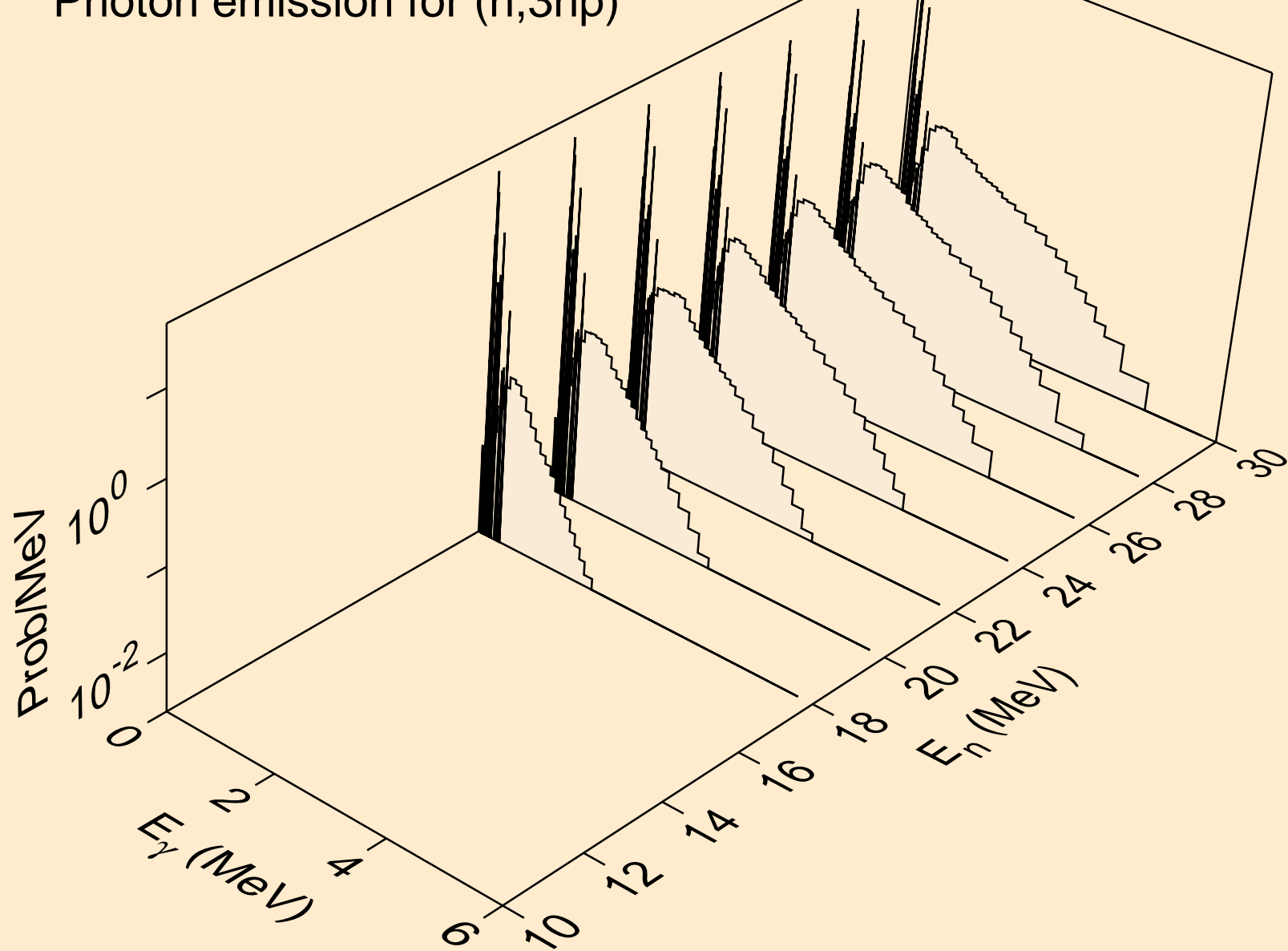
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



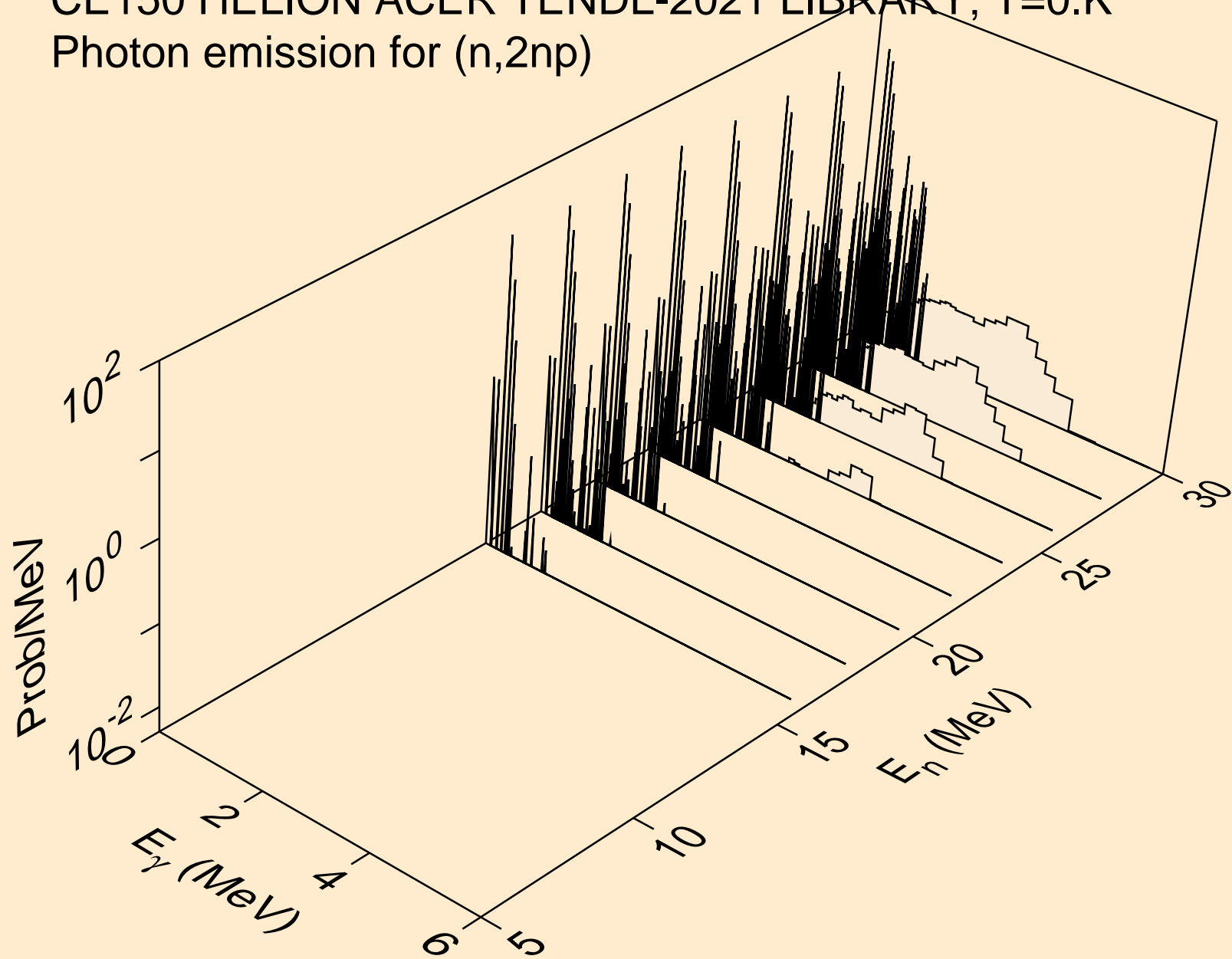
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

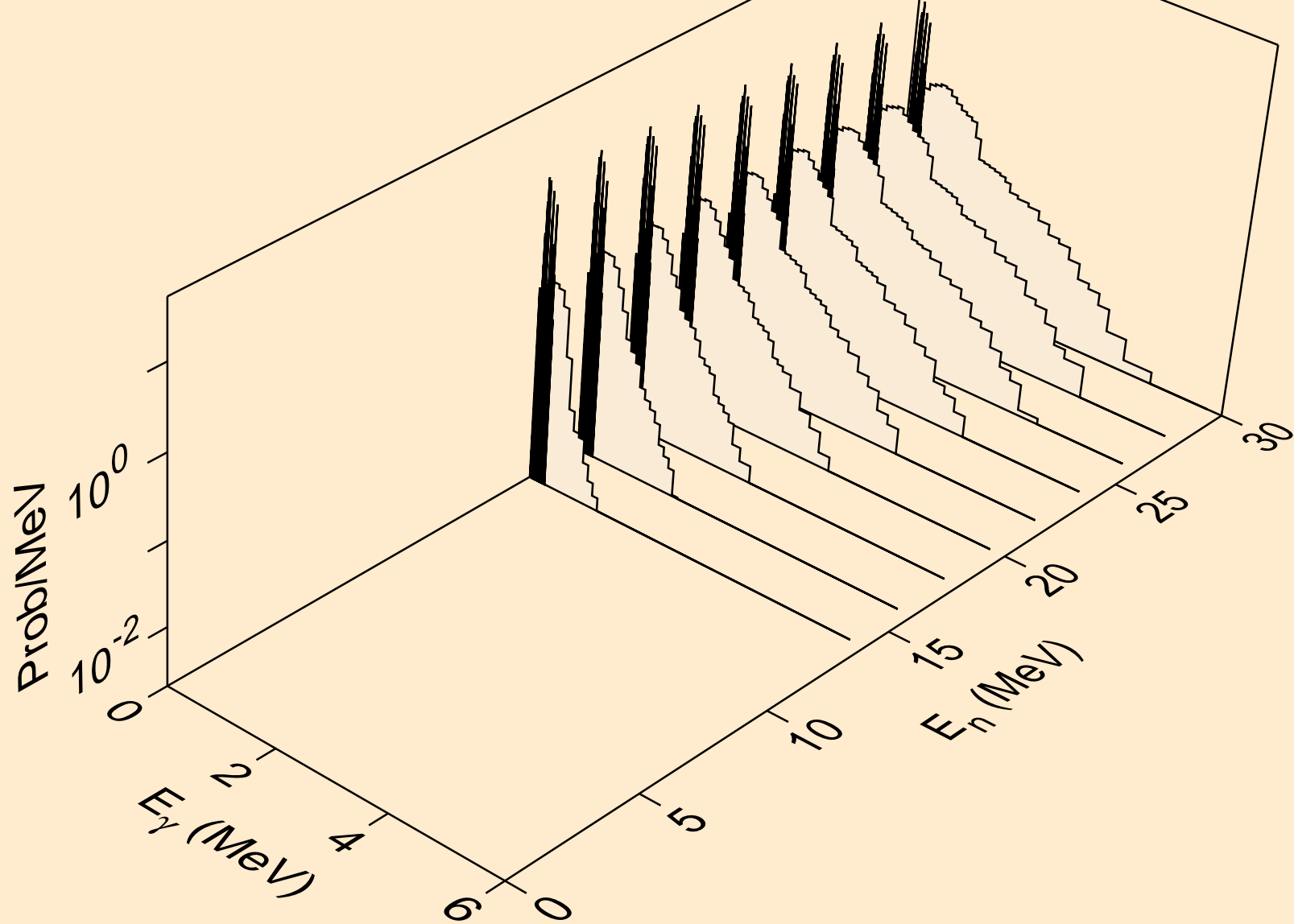


CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

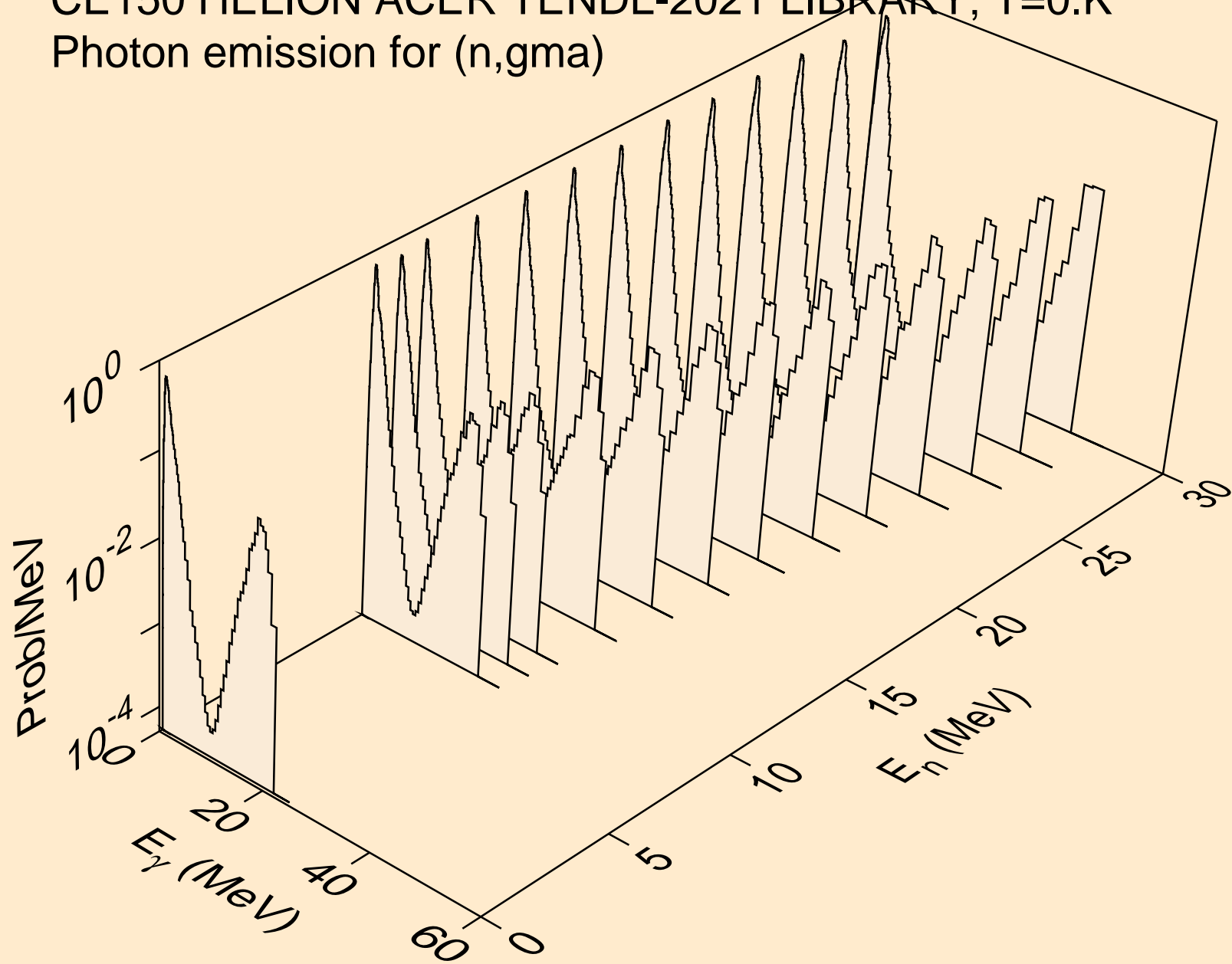




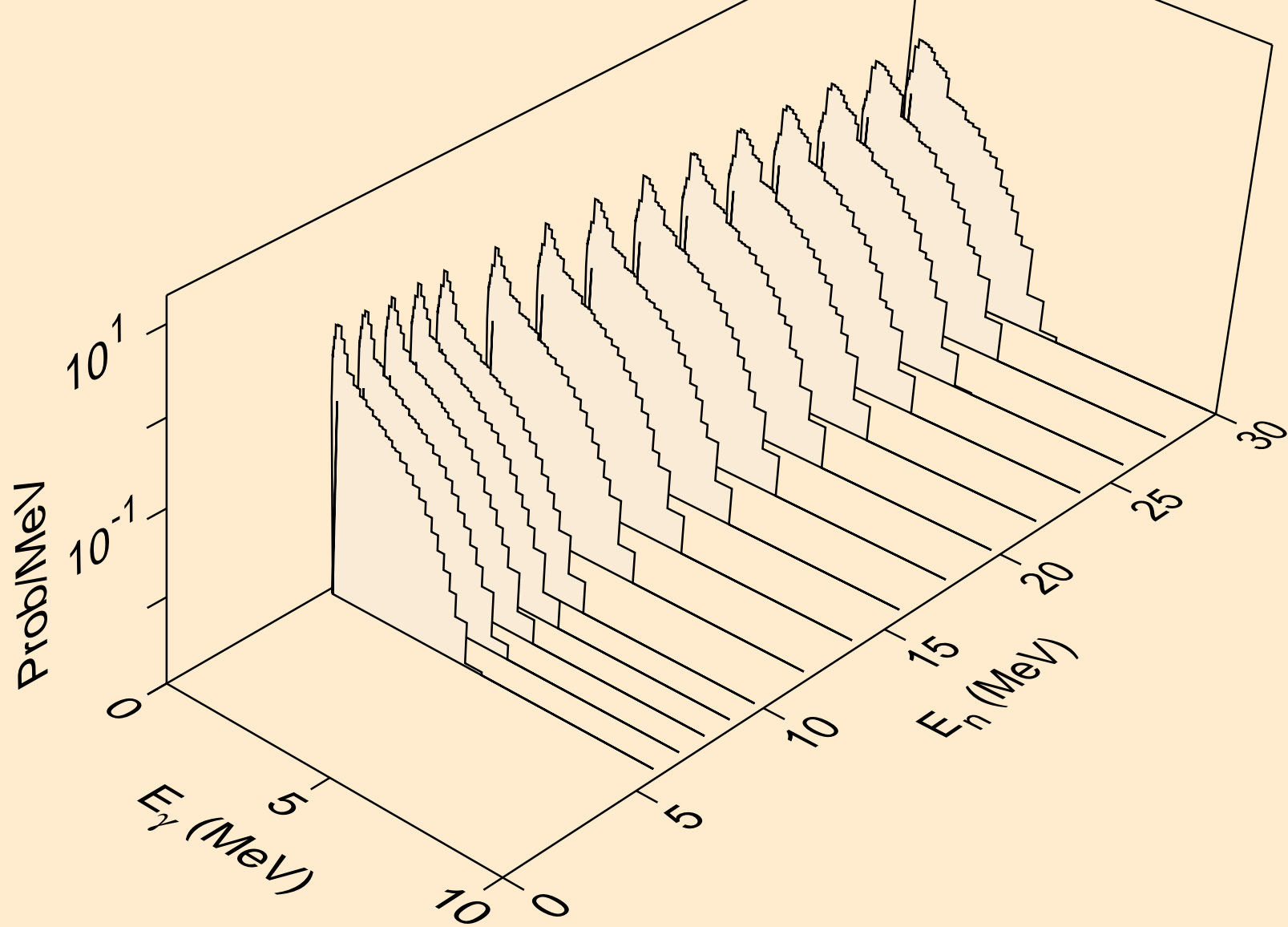
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



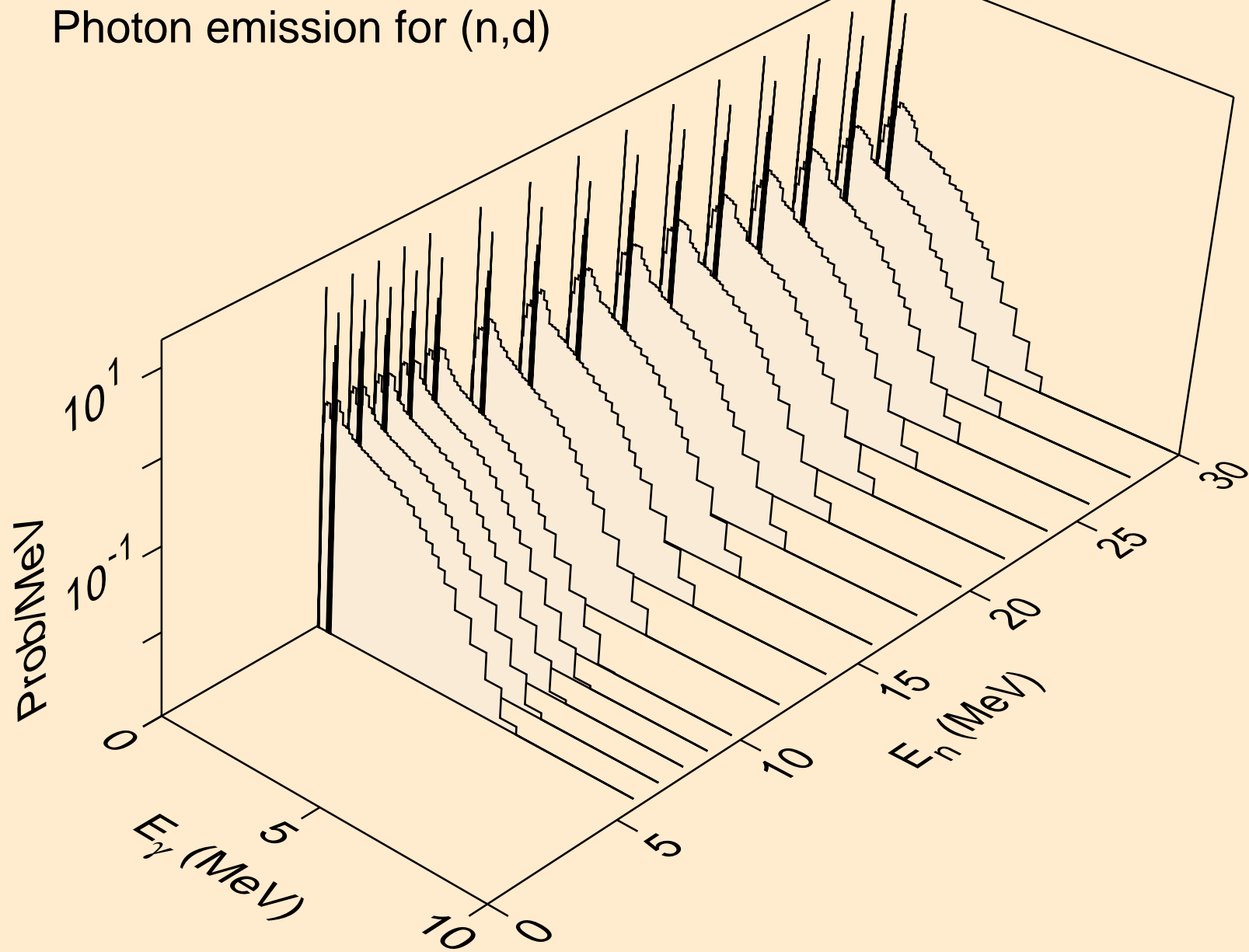
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Photon emission for (n,gma)



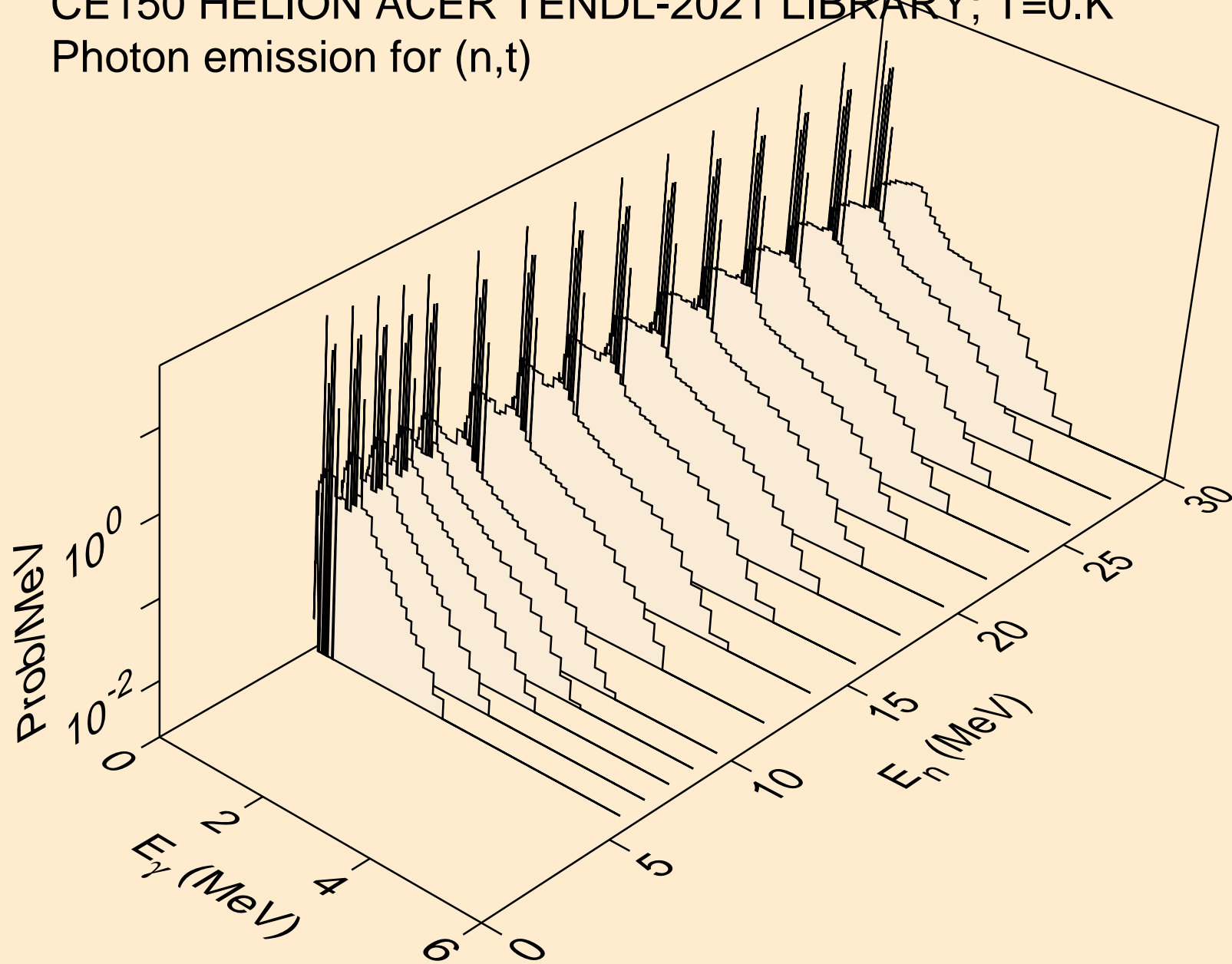
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Photon emission for (n,p)



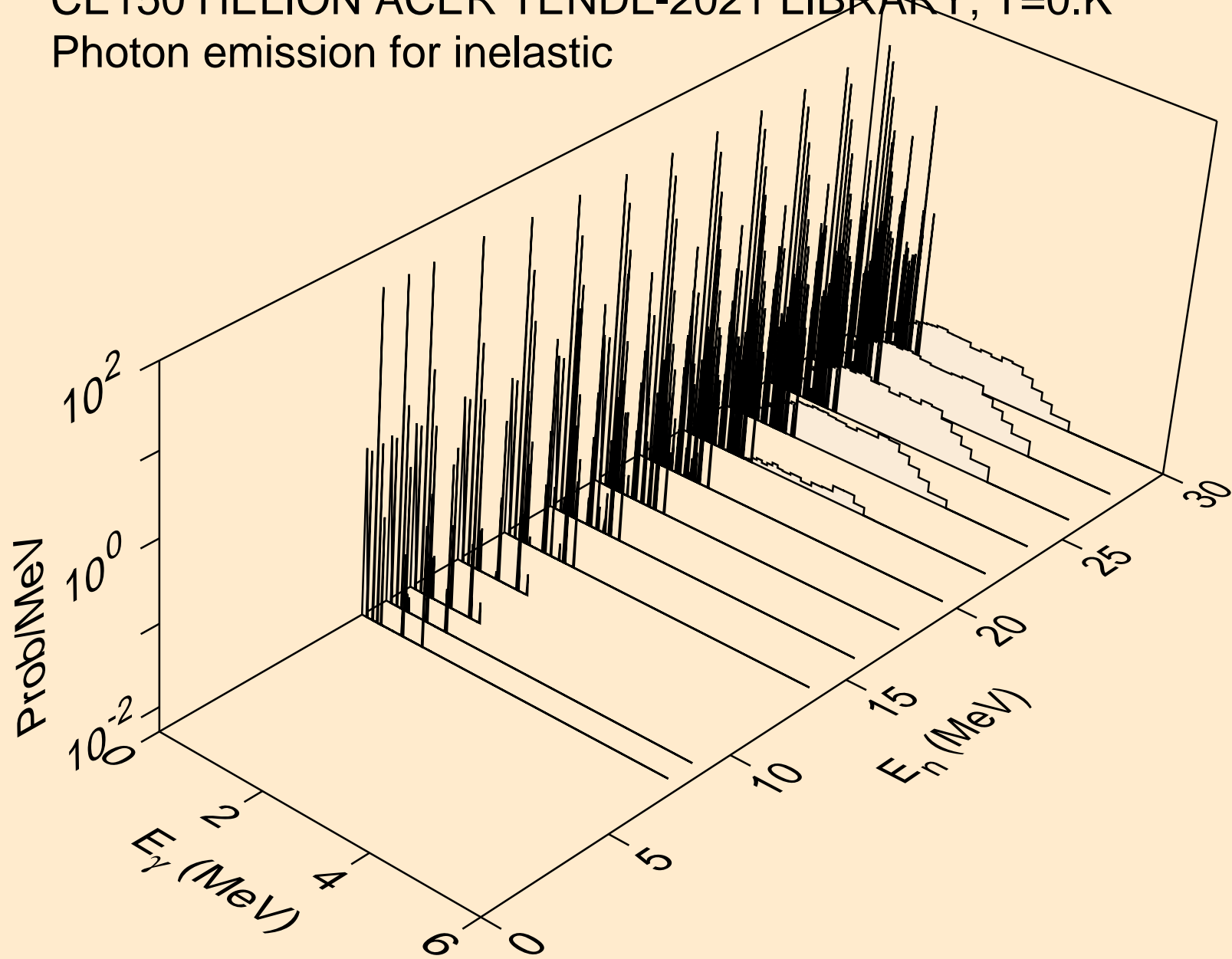
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Photon emission for (n,d)



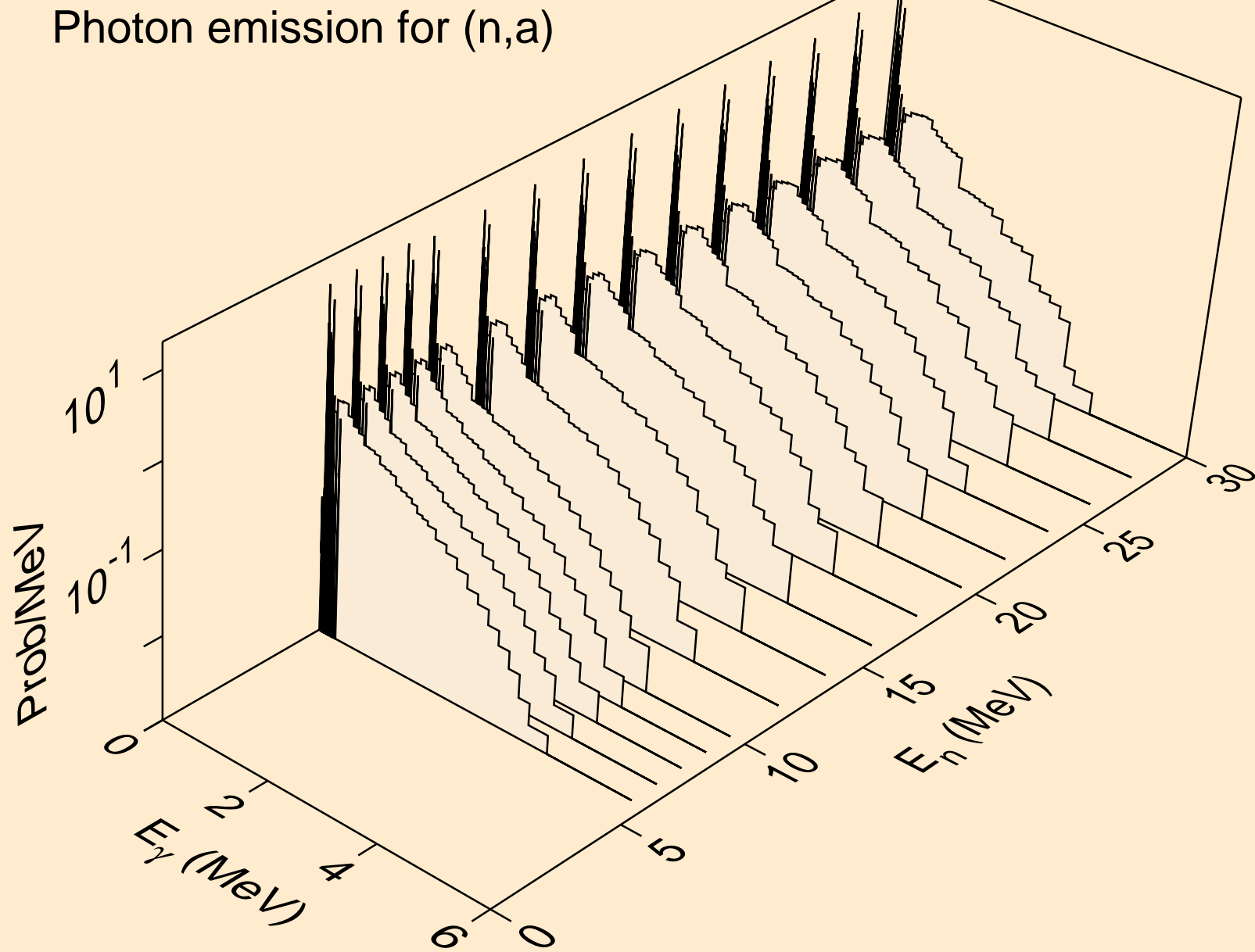
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Photon emission for (n,t)



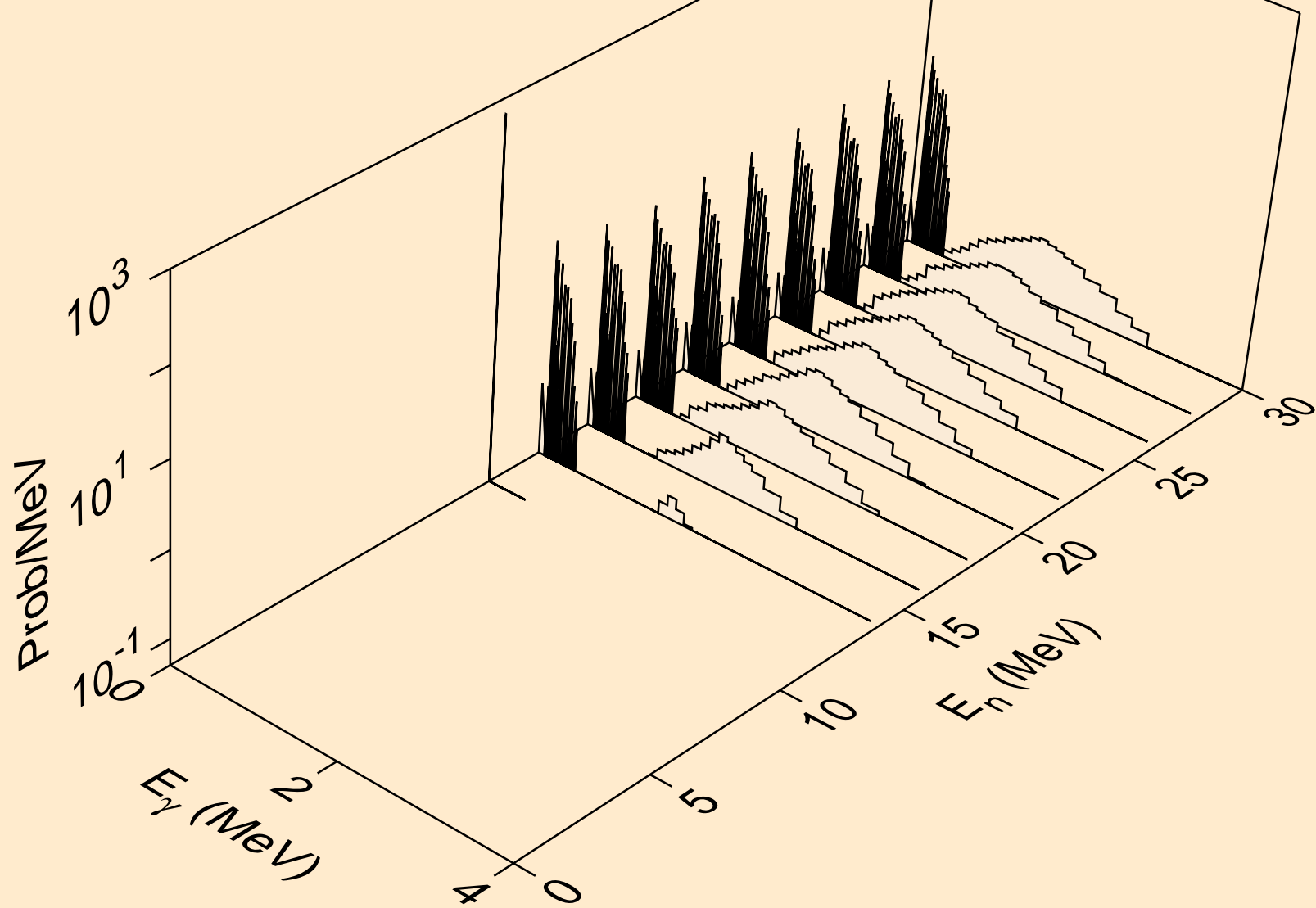
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

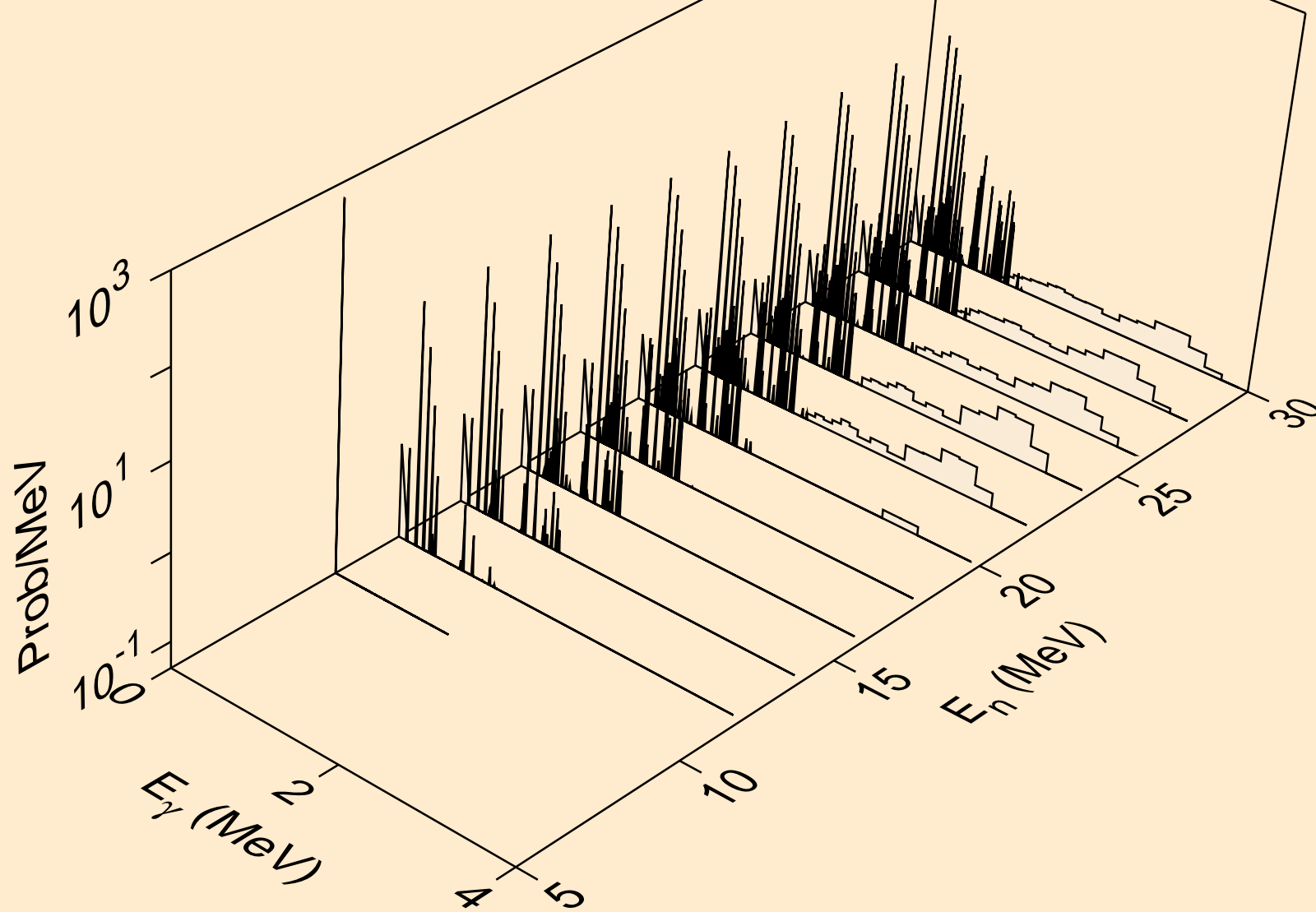


CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

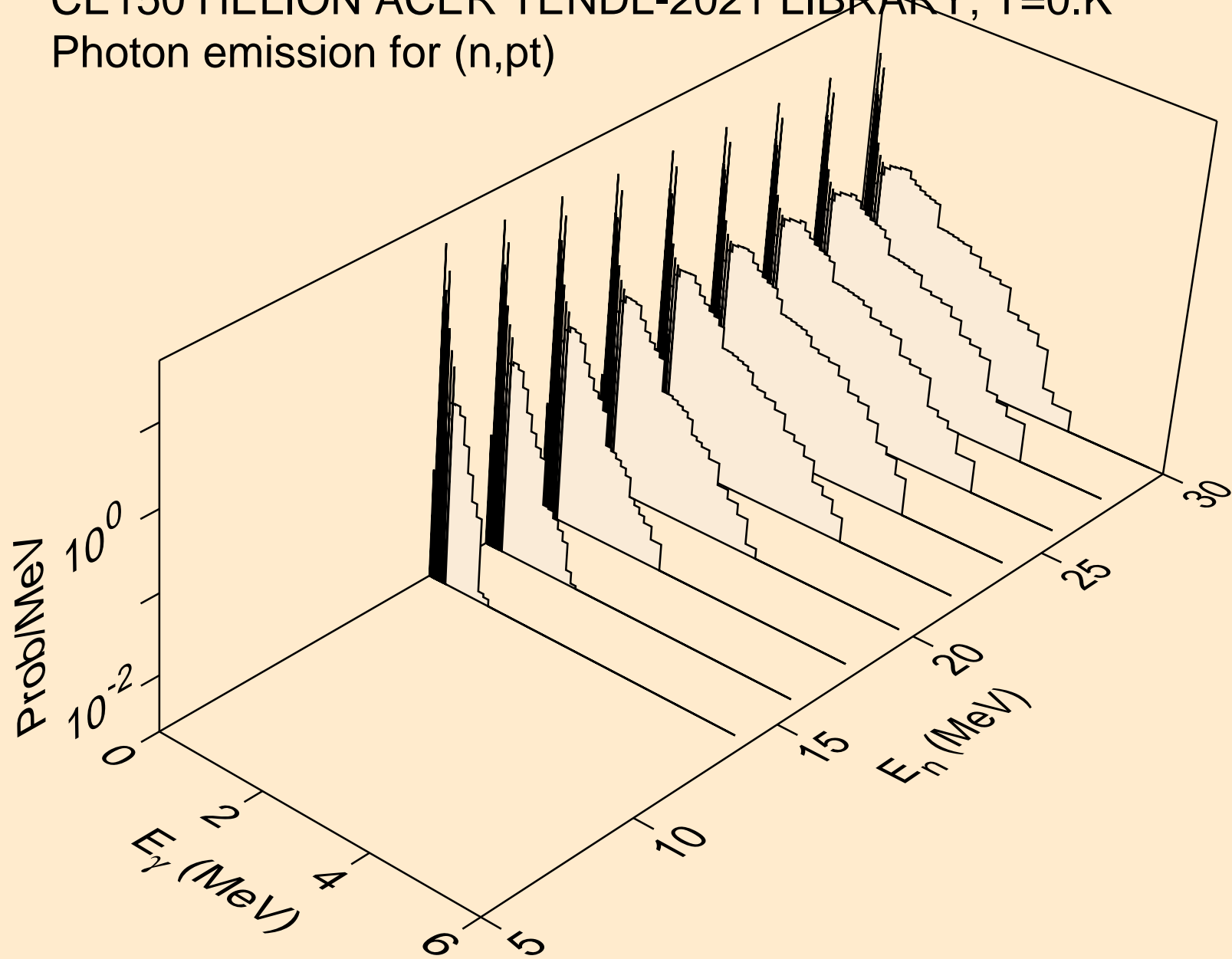




CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

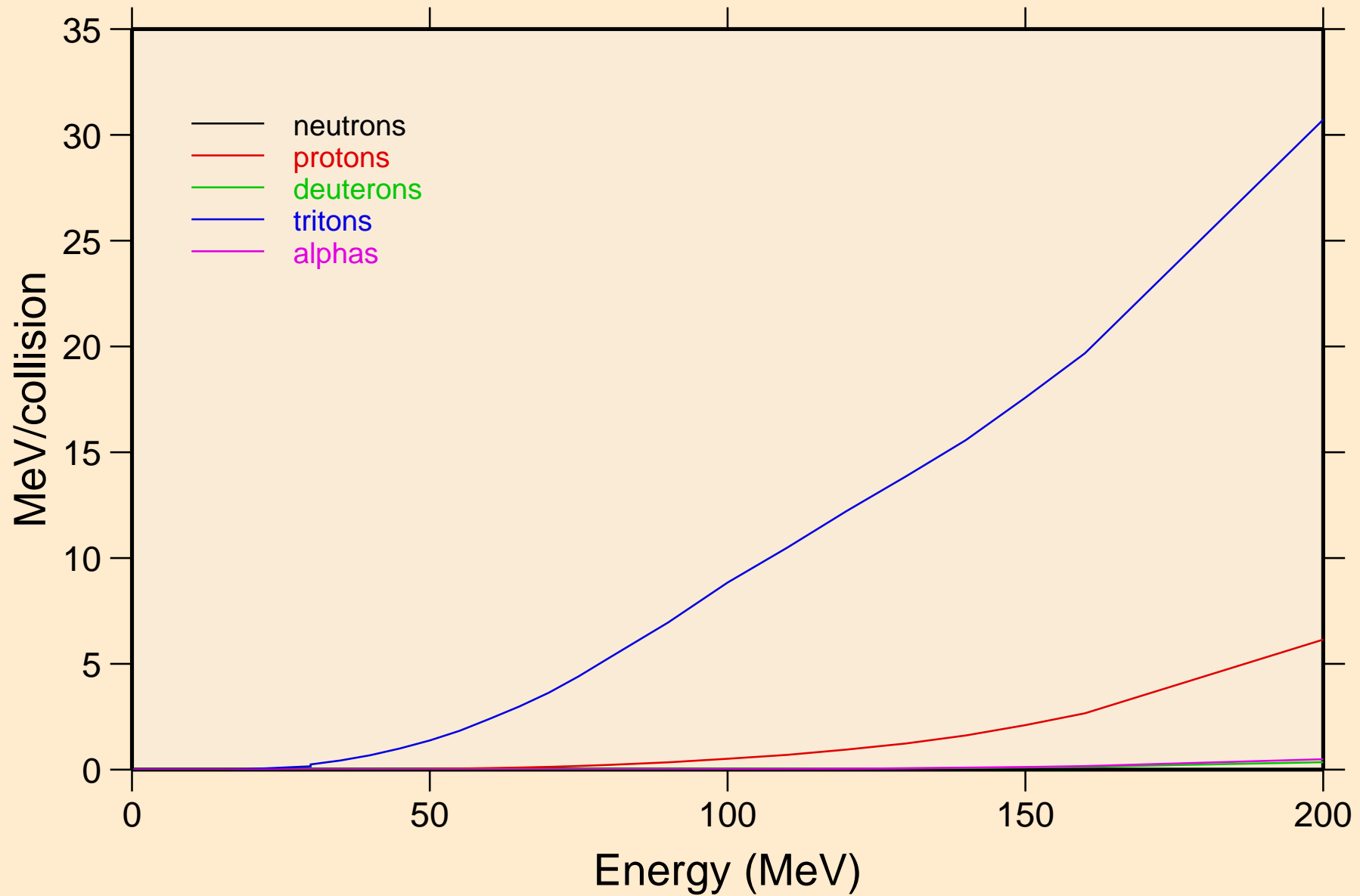


CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

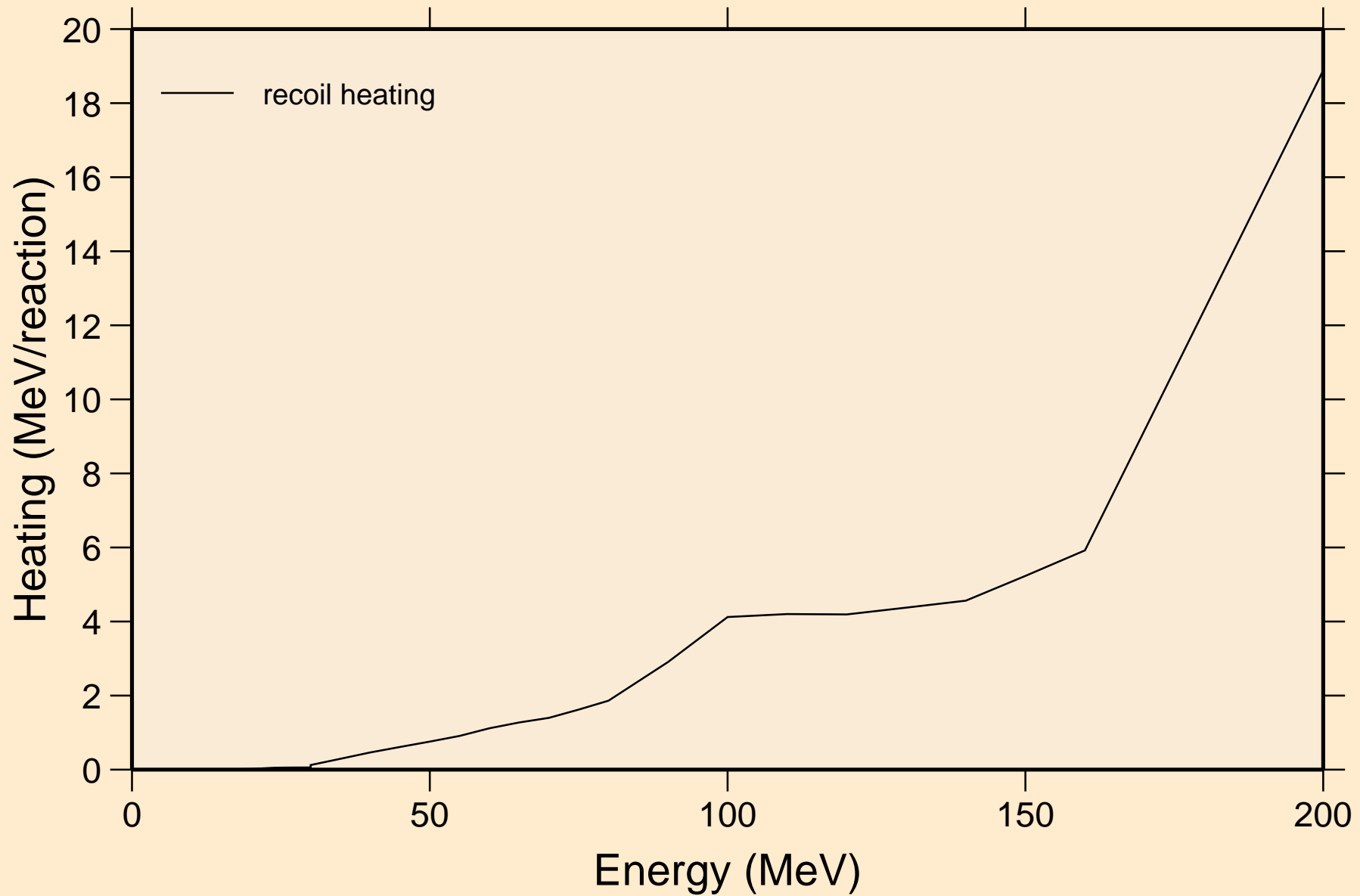


# CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K

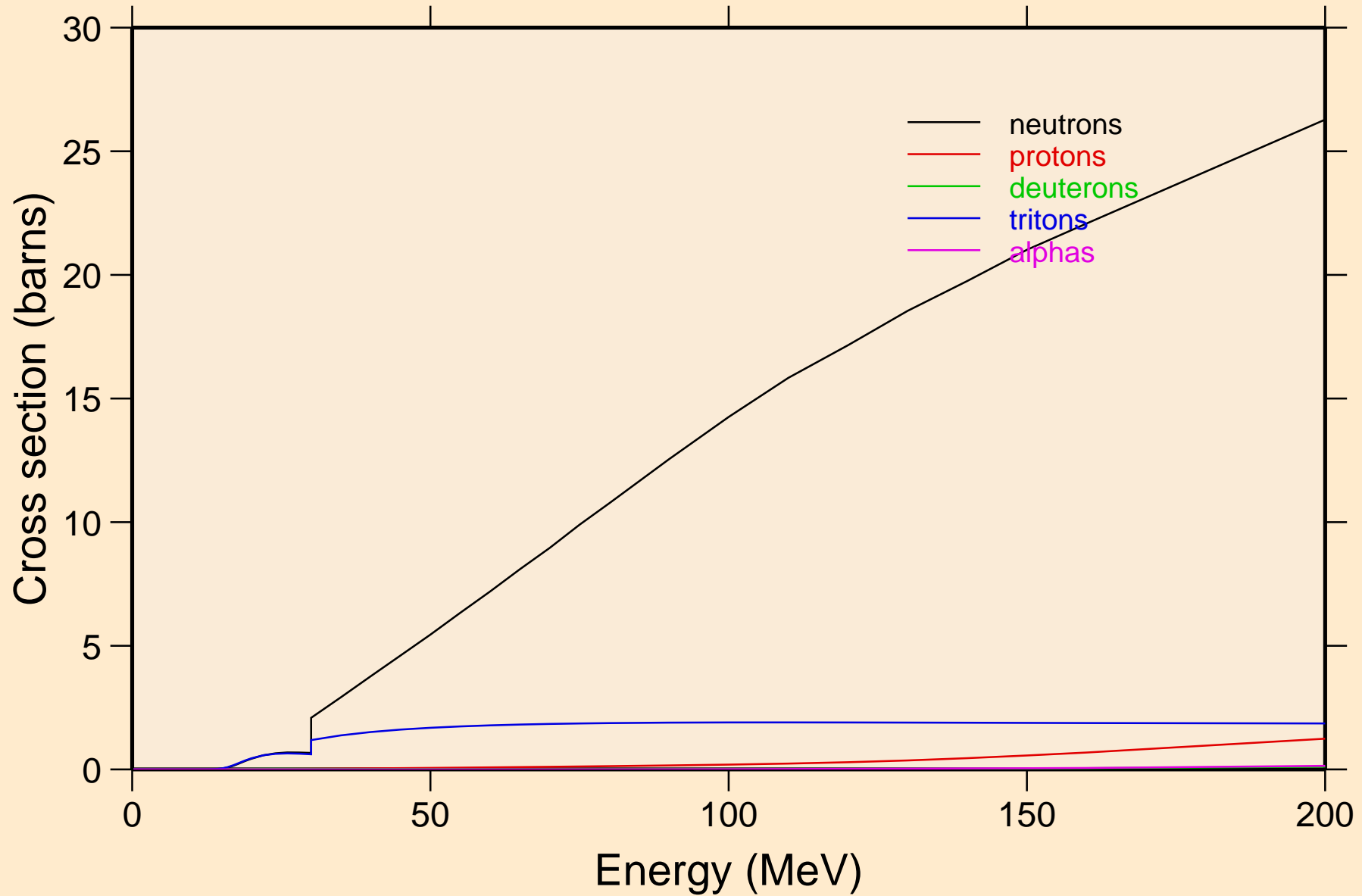
## Particle heating contributions



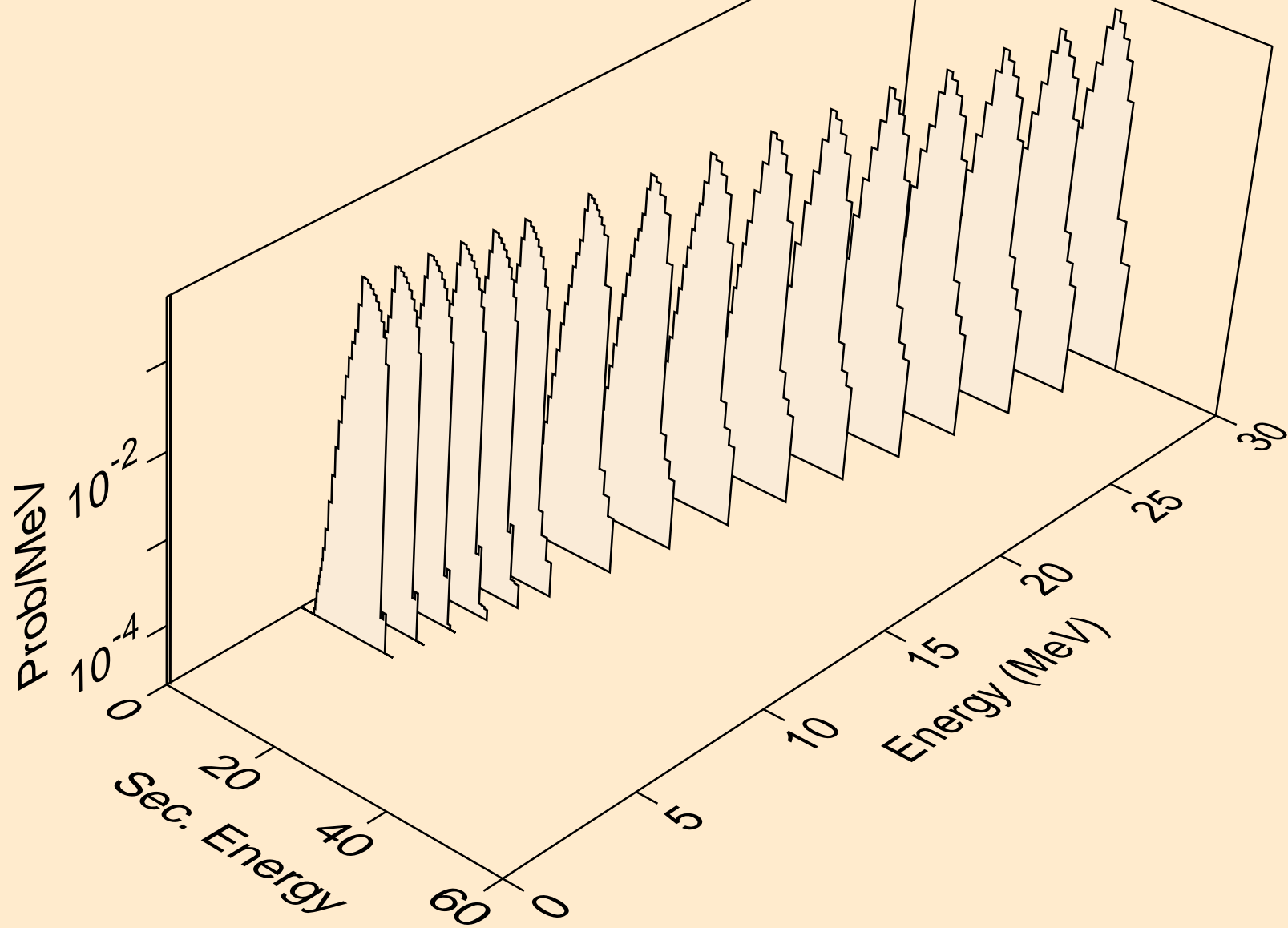
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



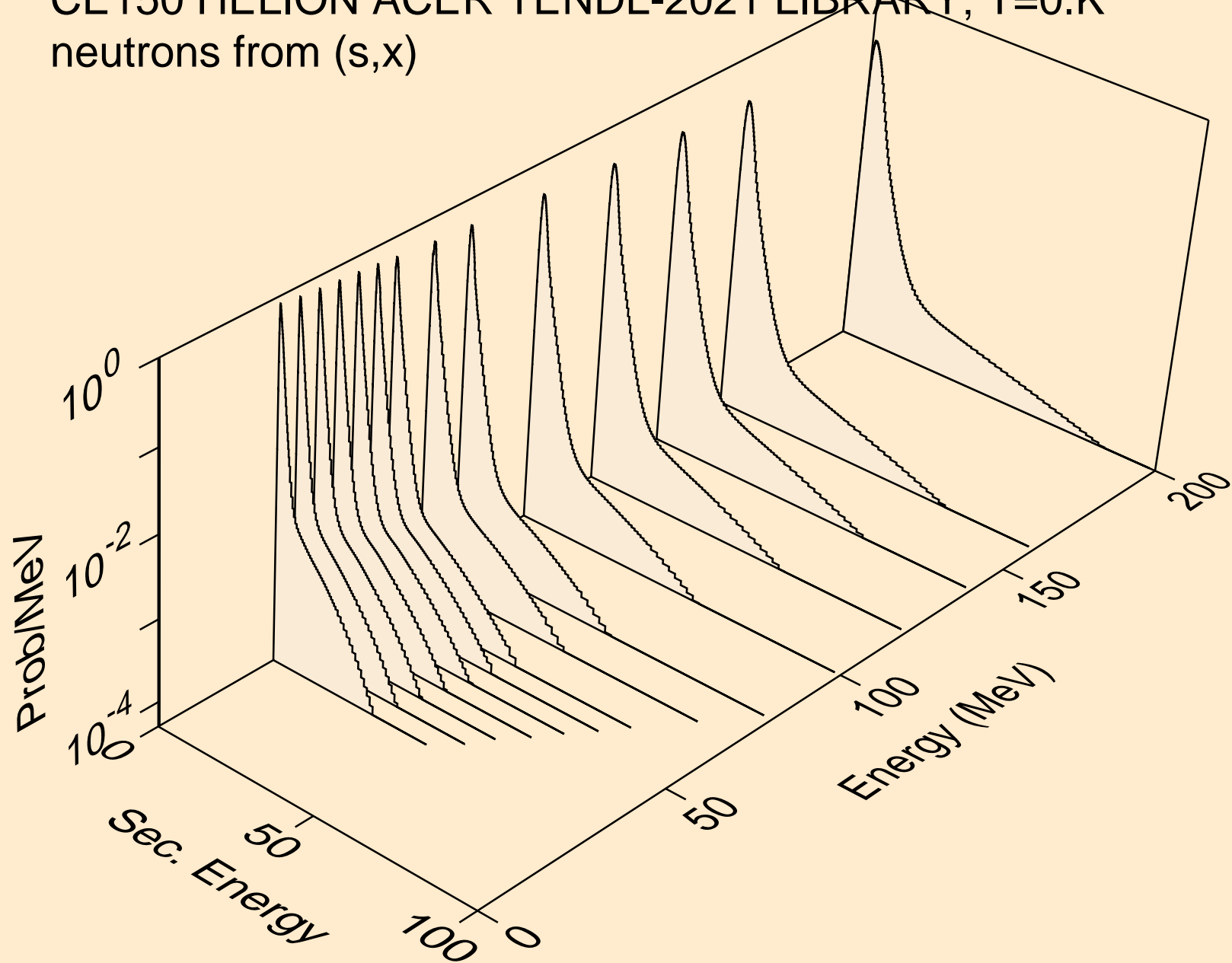
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



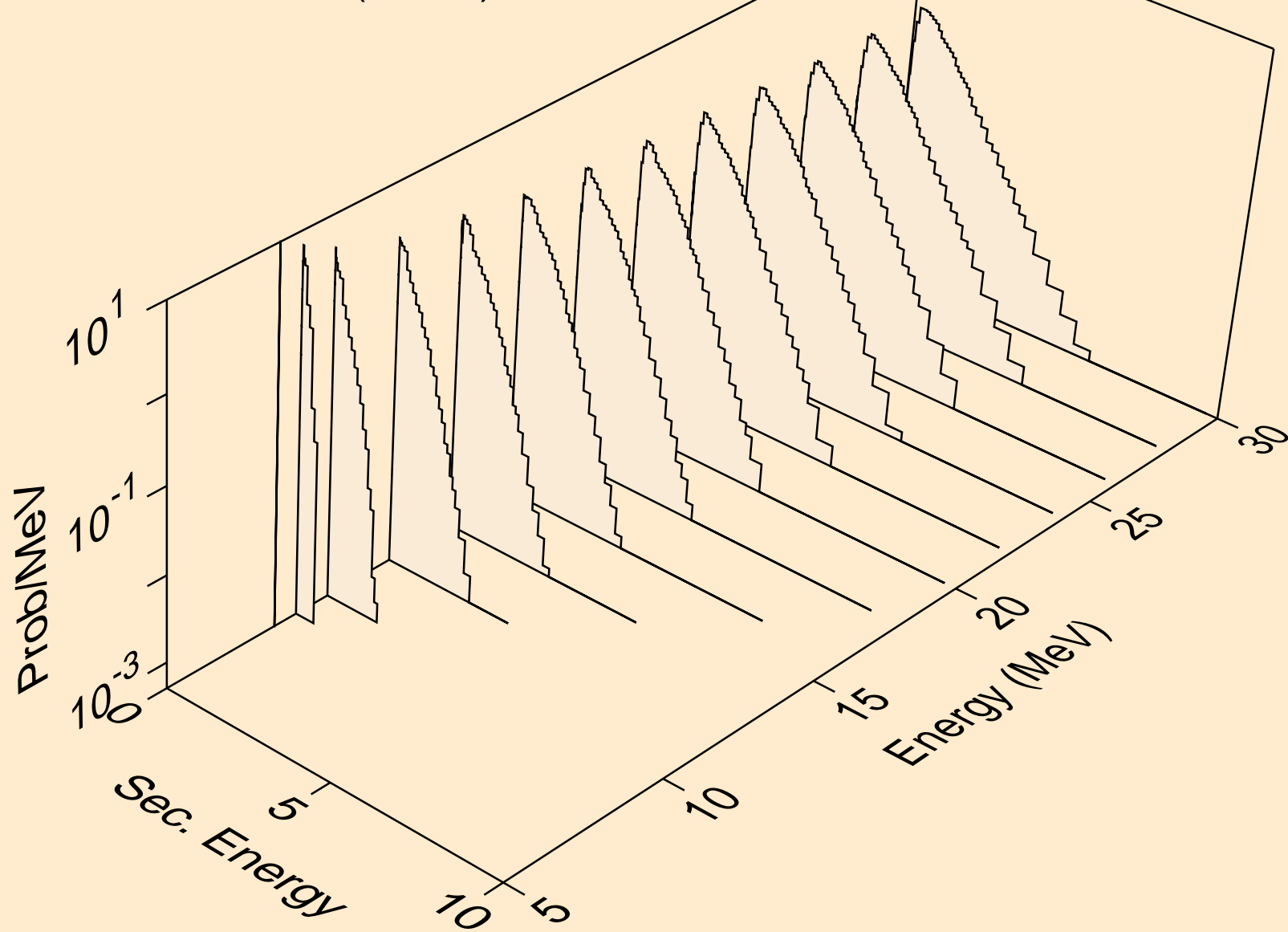
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)

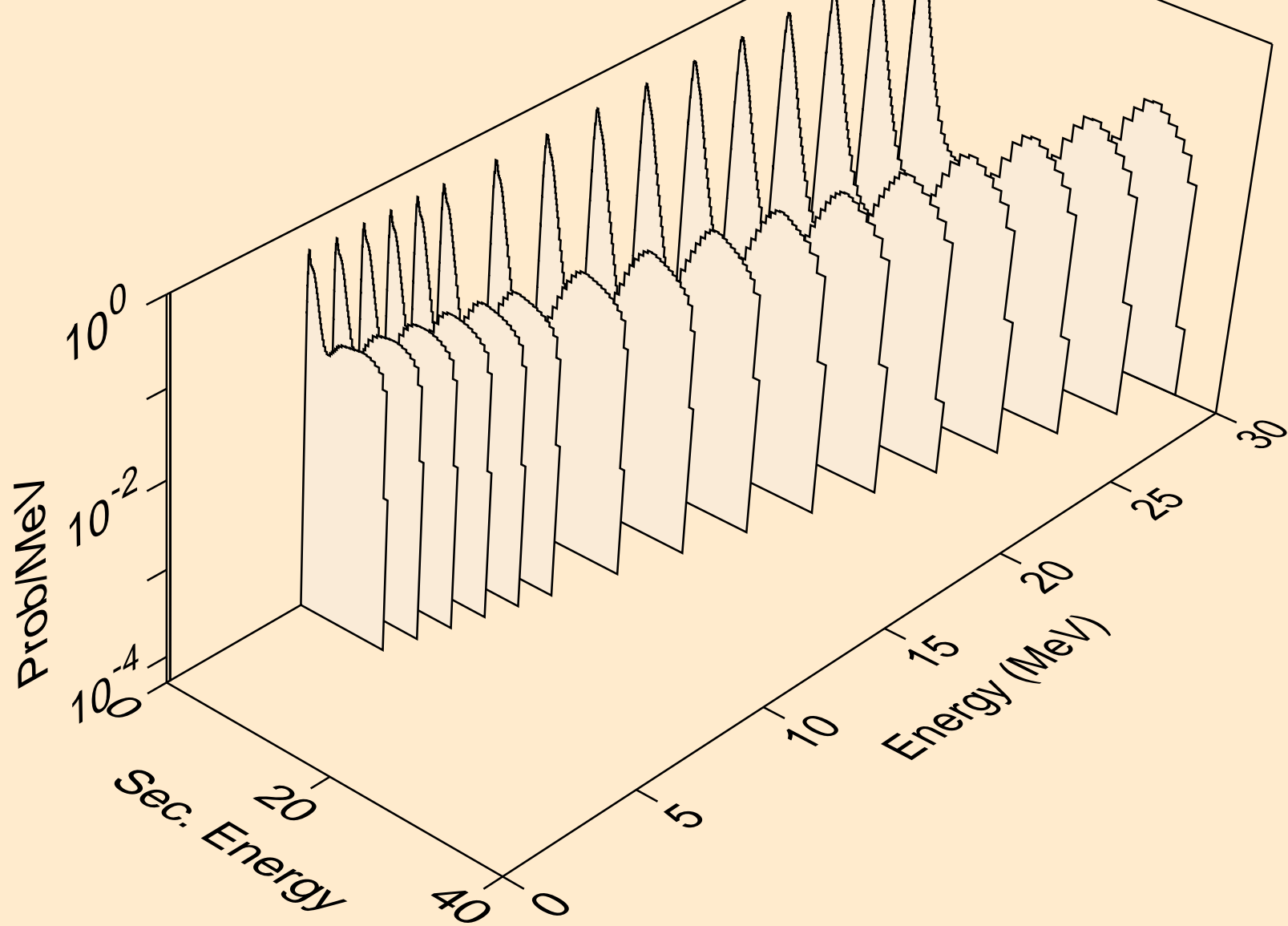


CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)

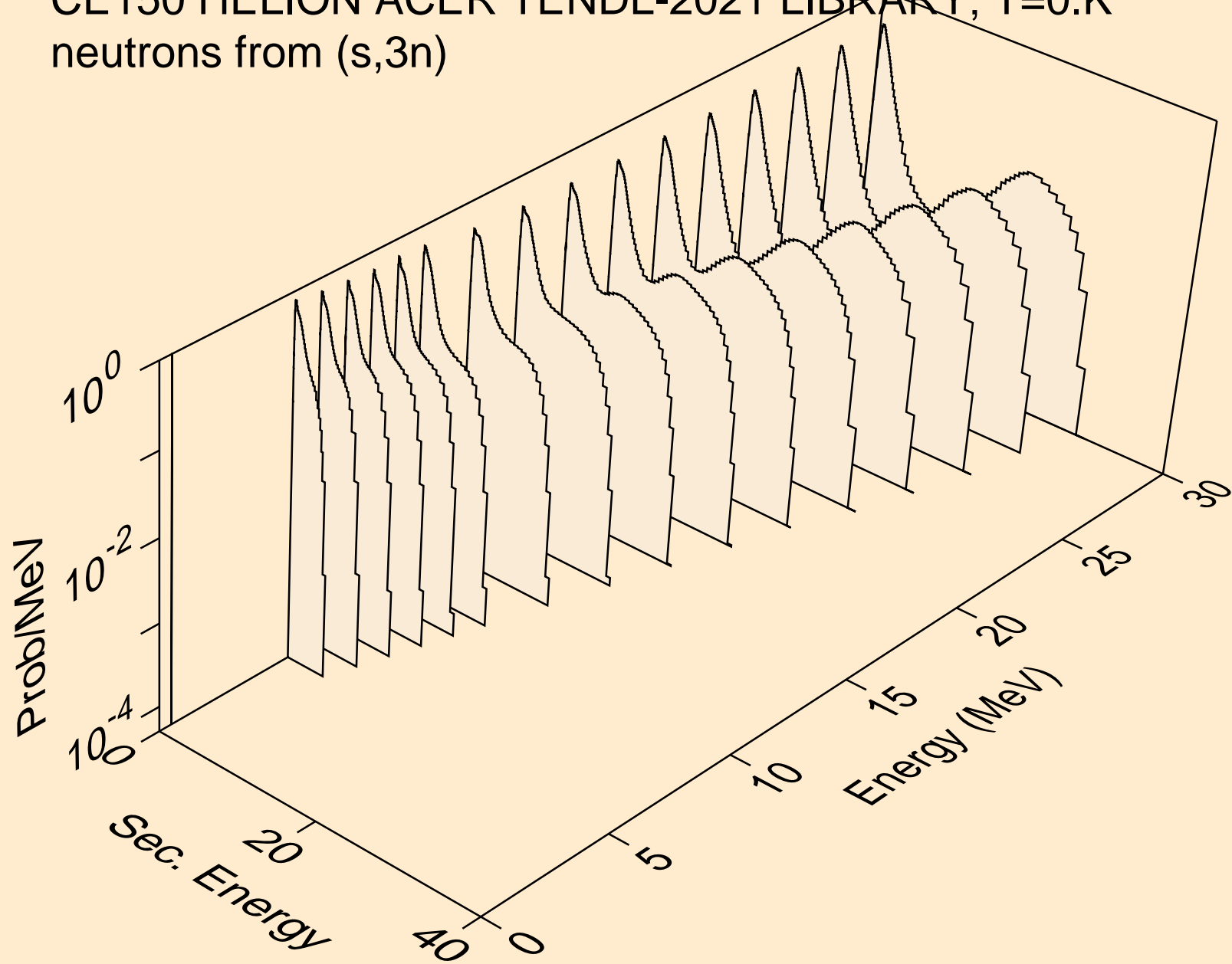




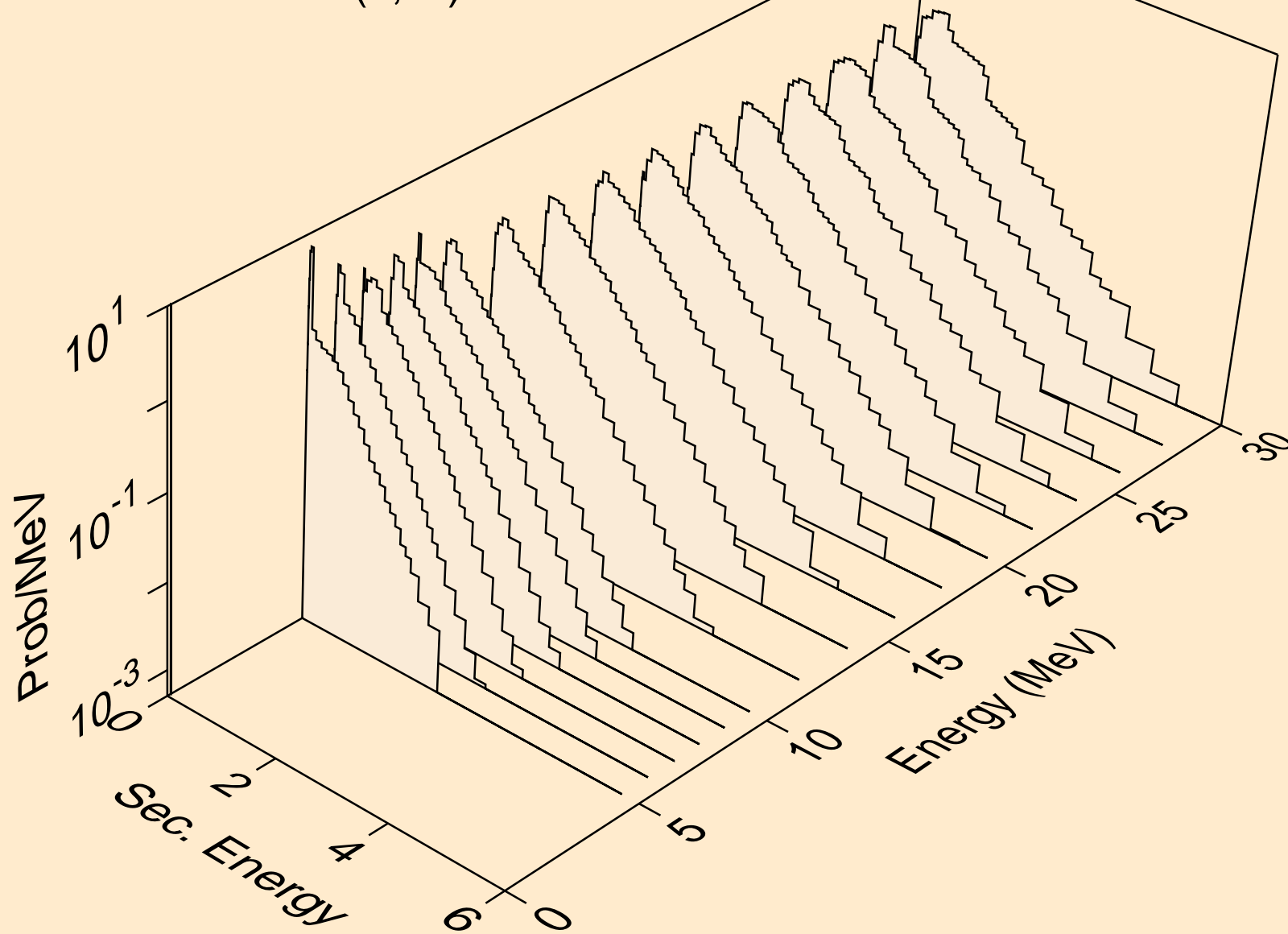
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



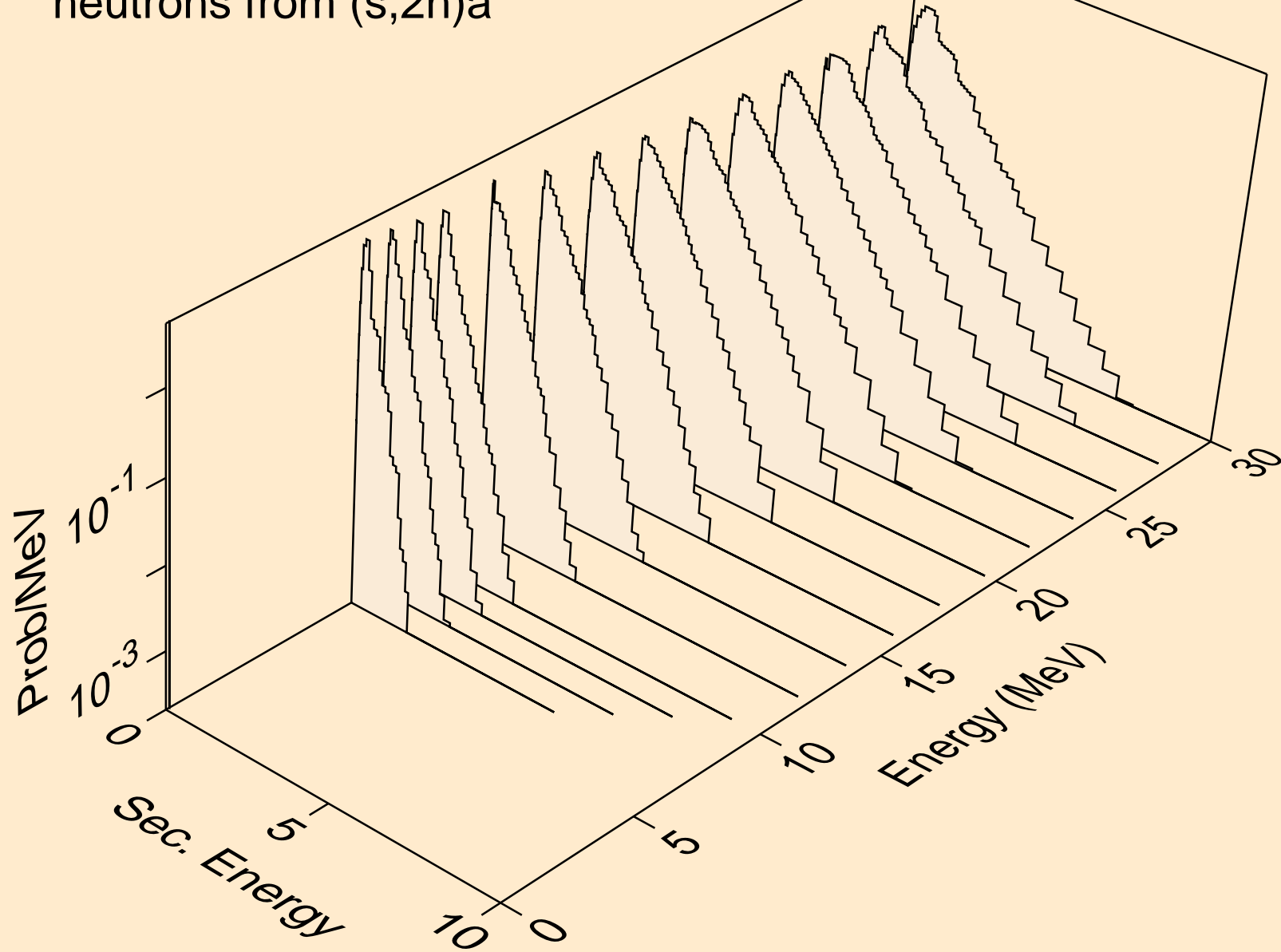
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



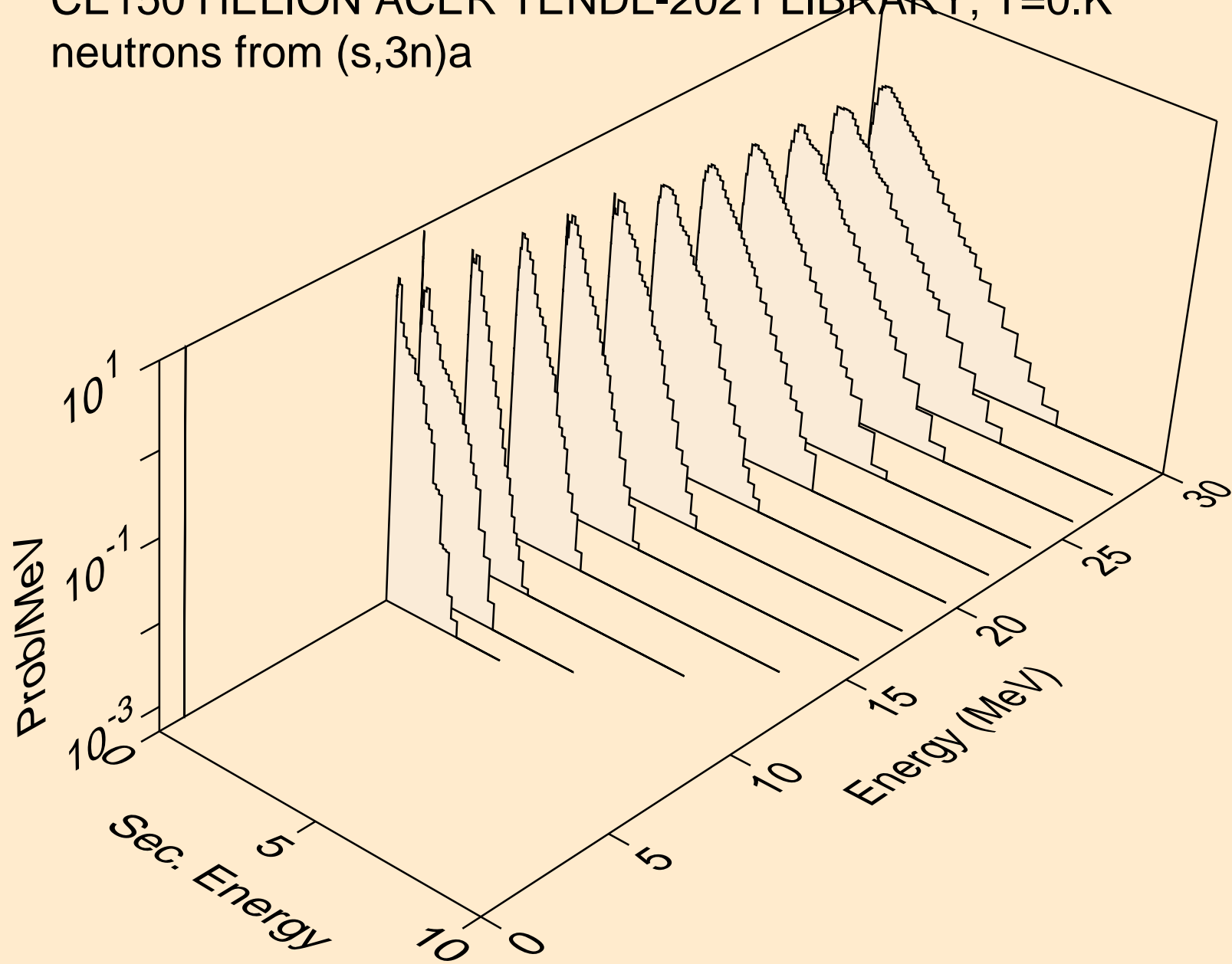
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



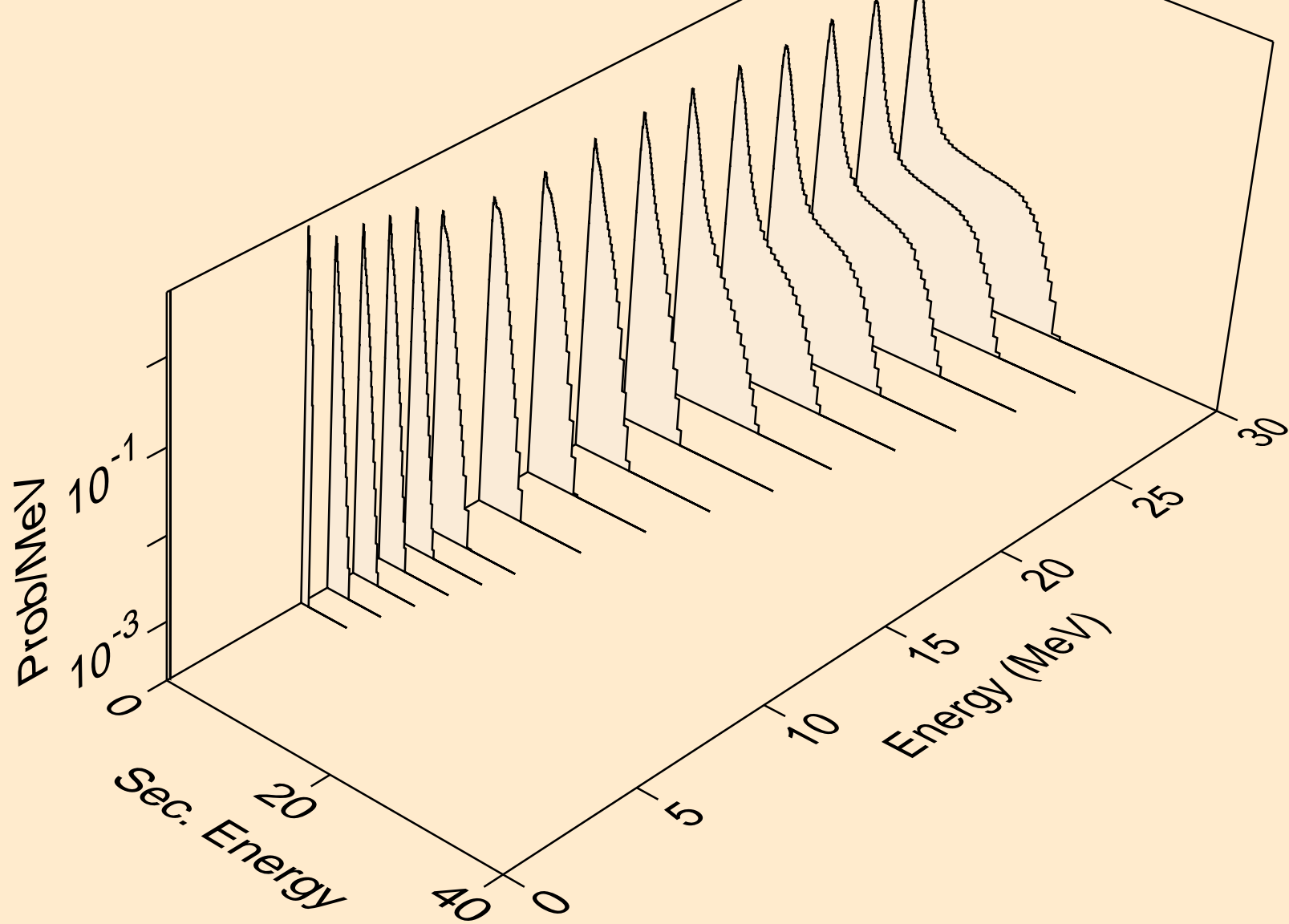
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



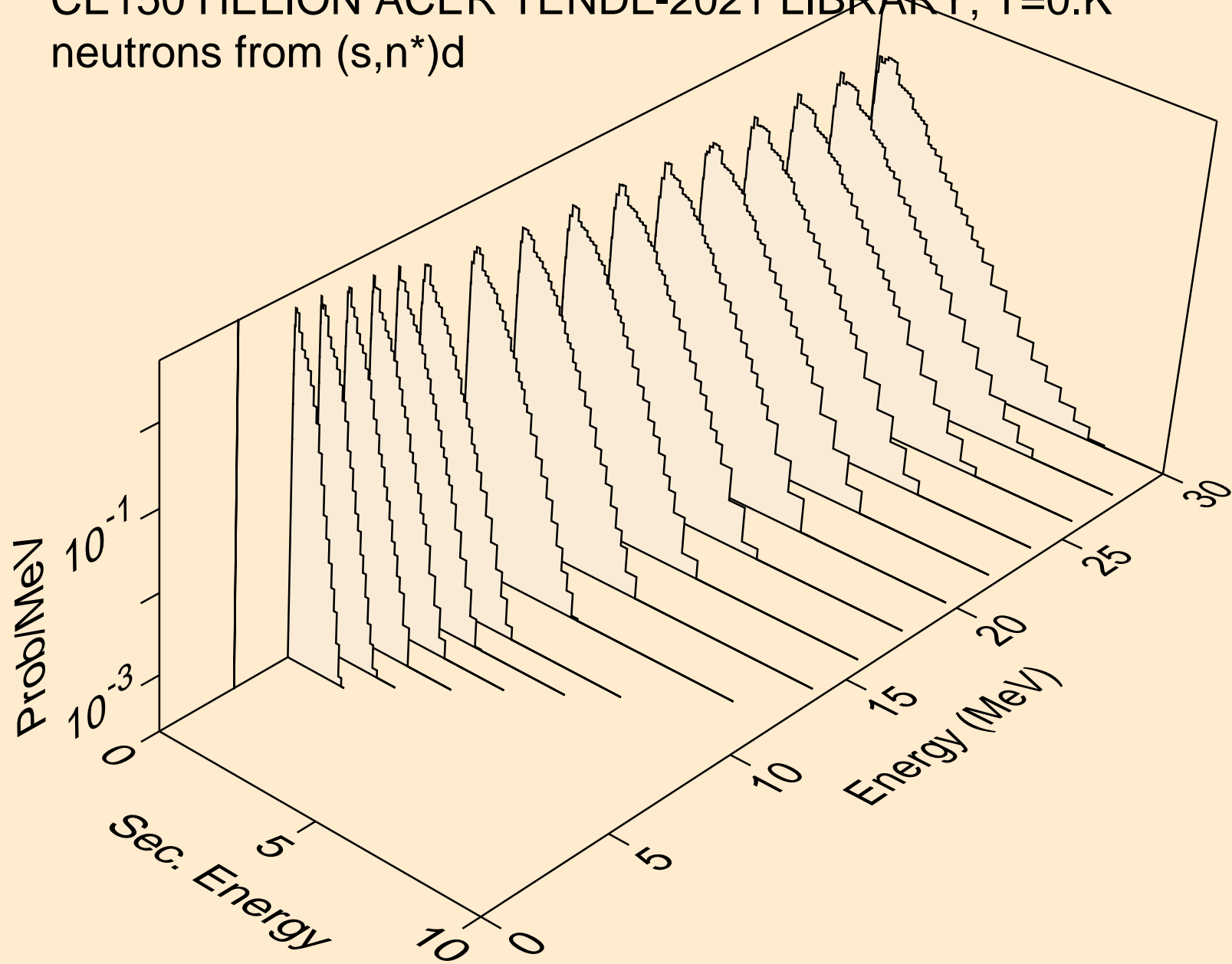
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



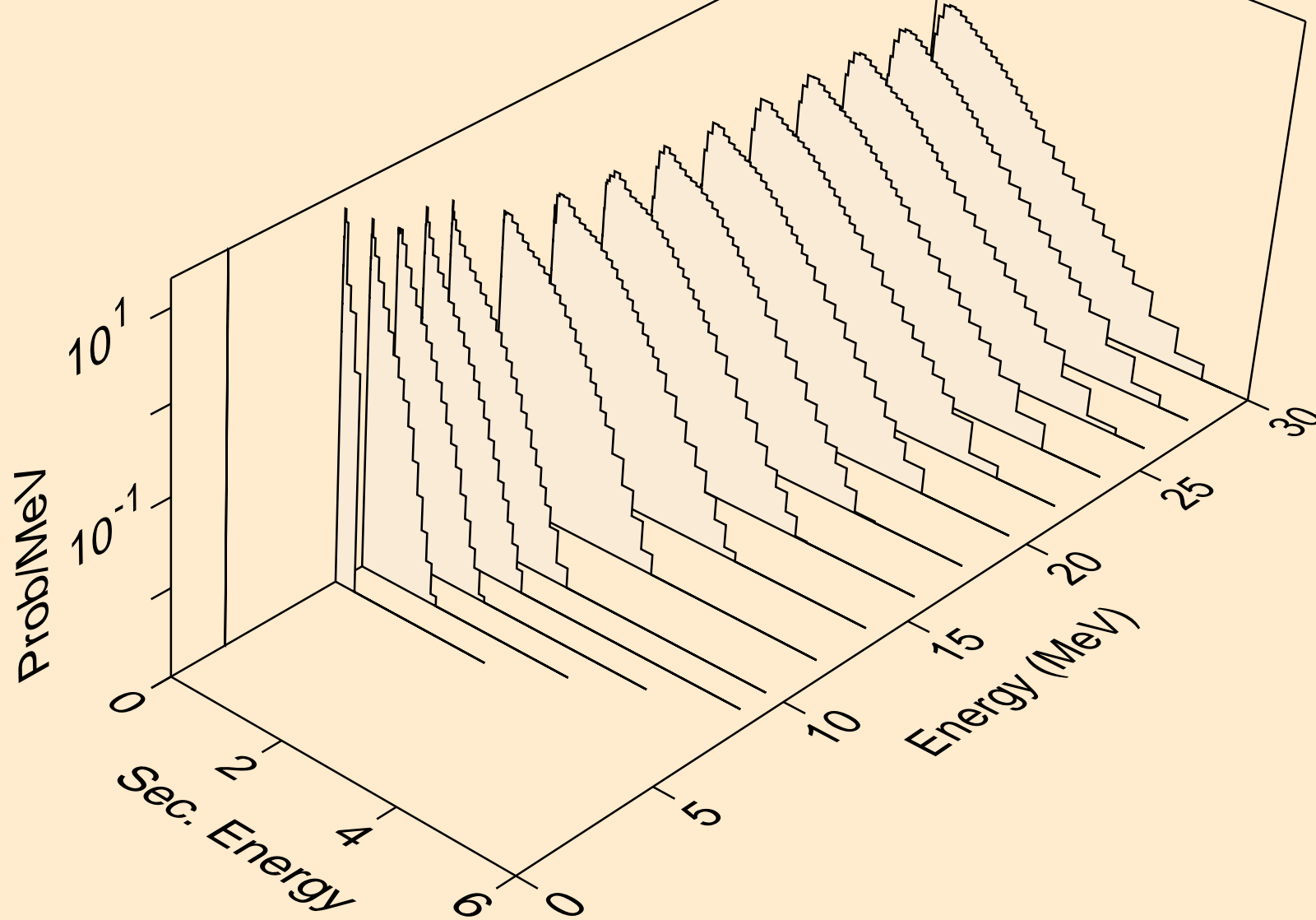
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d

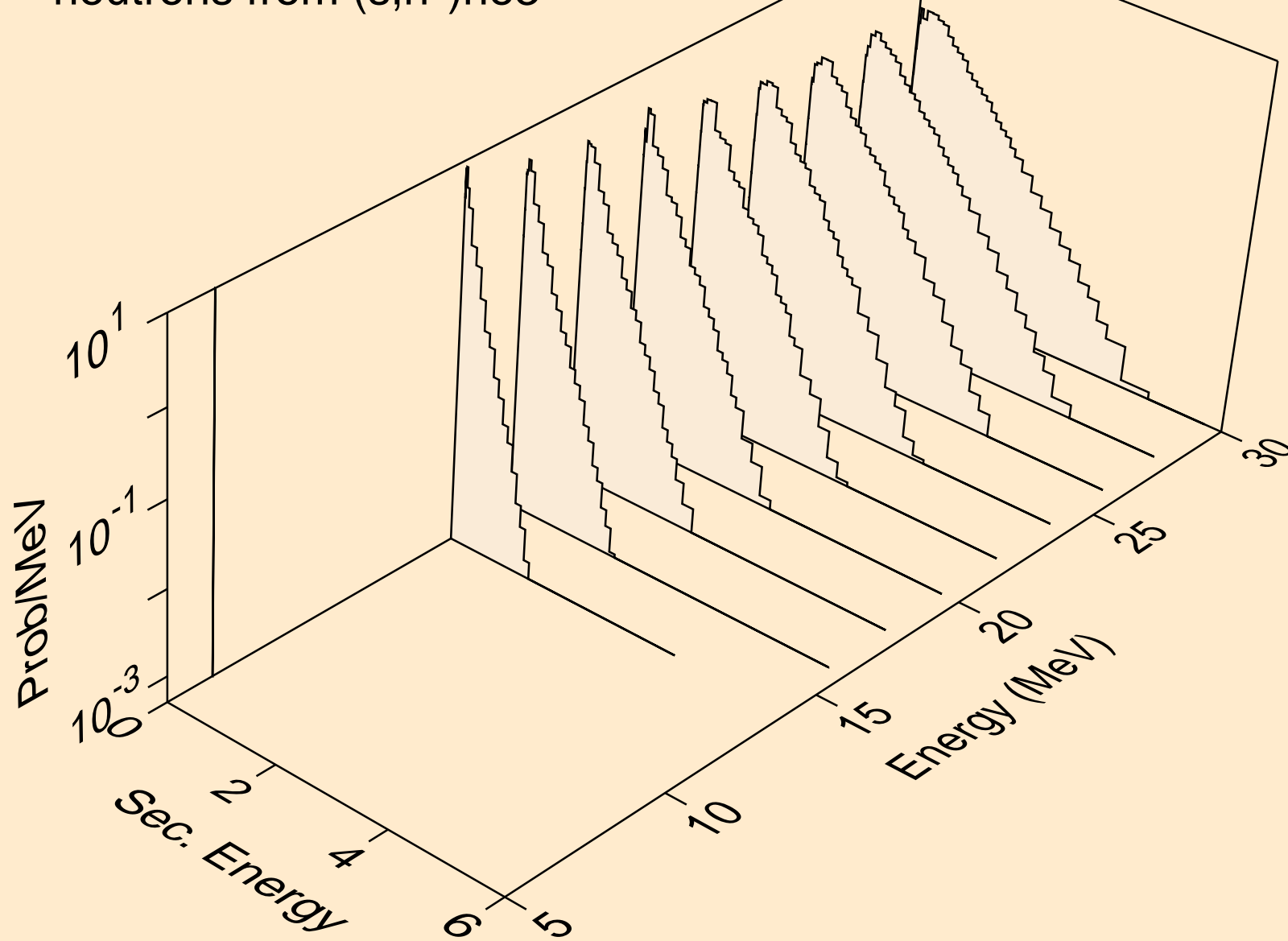


CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t

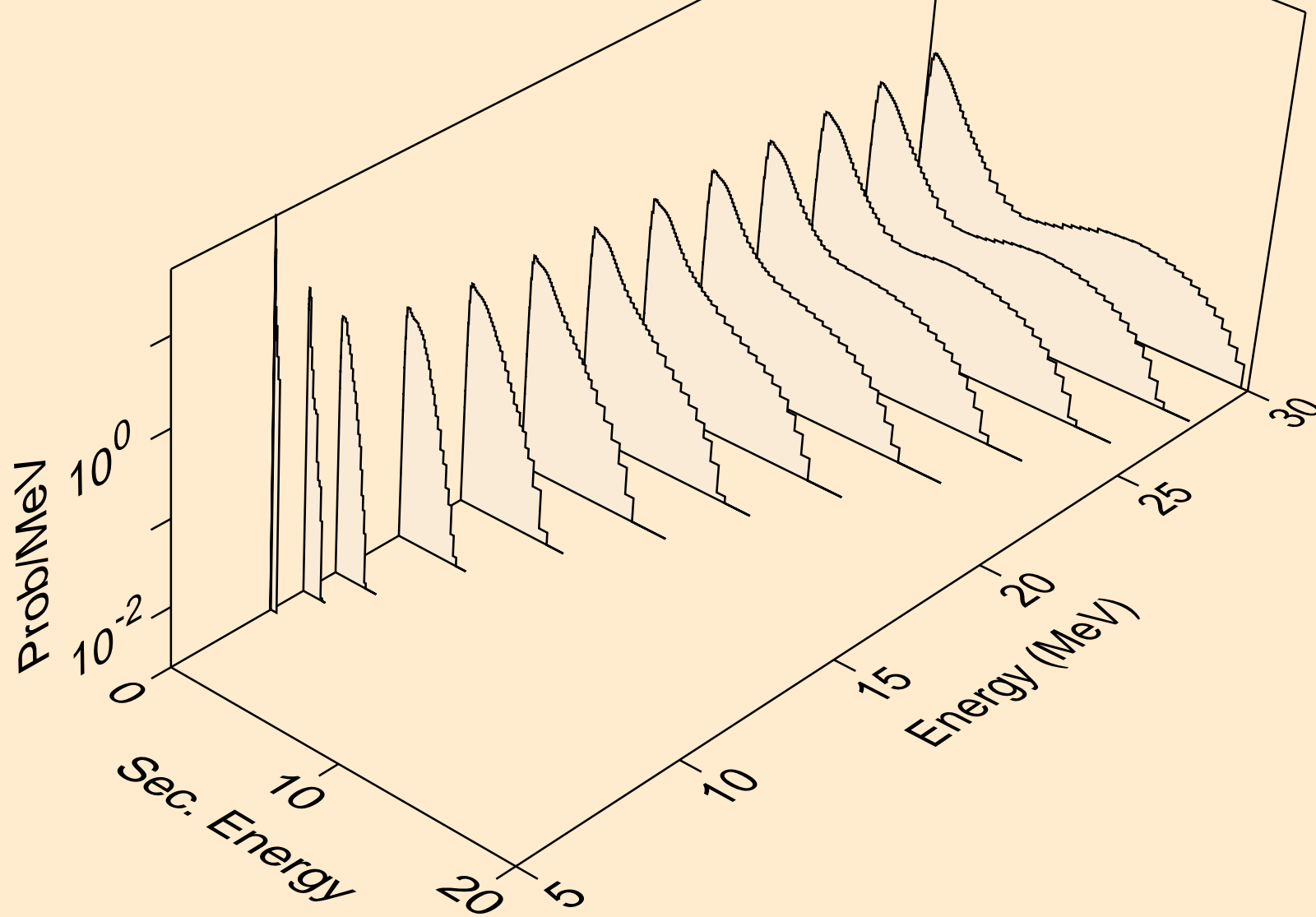




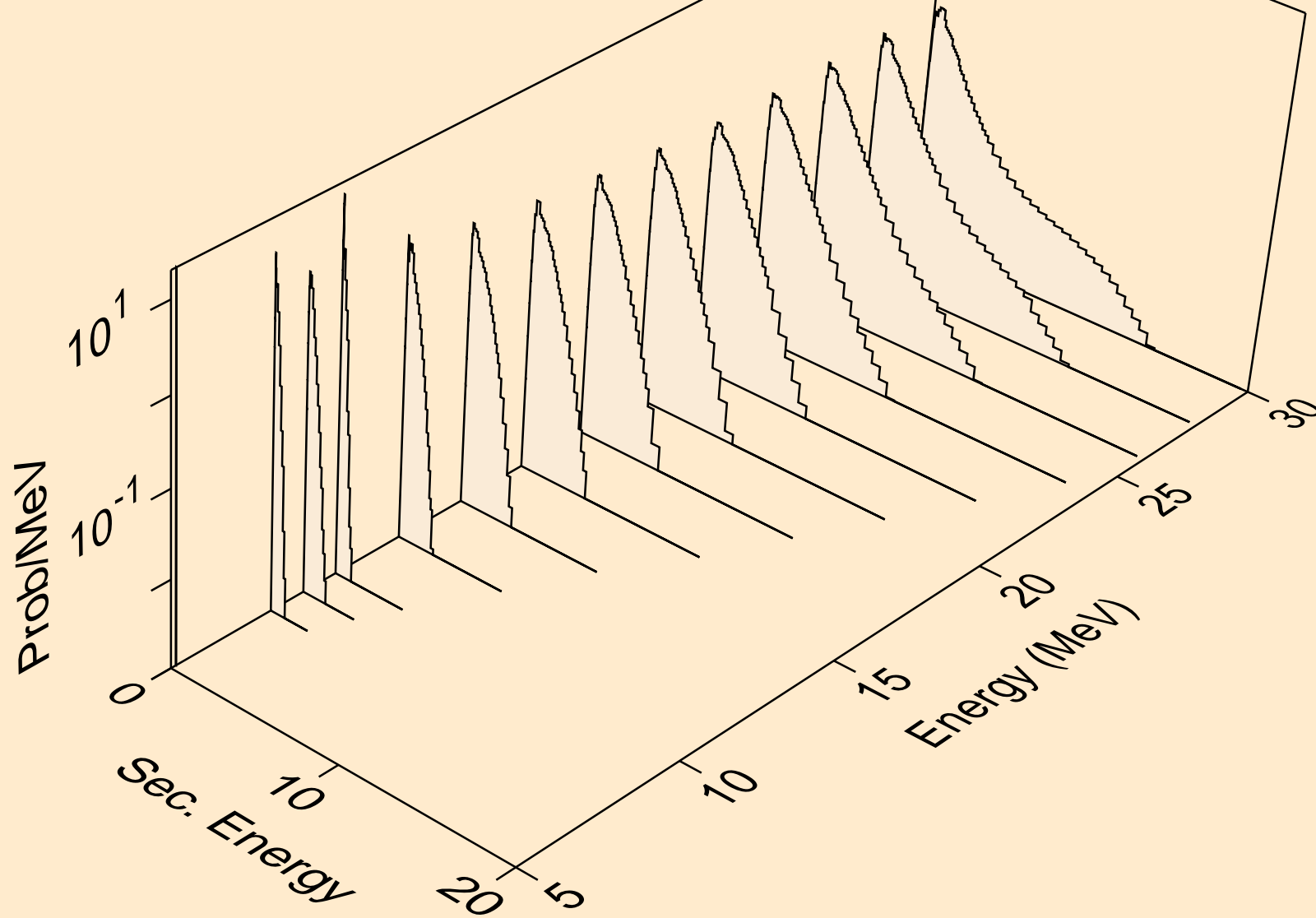
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



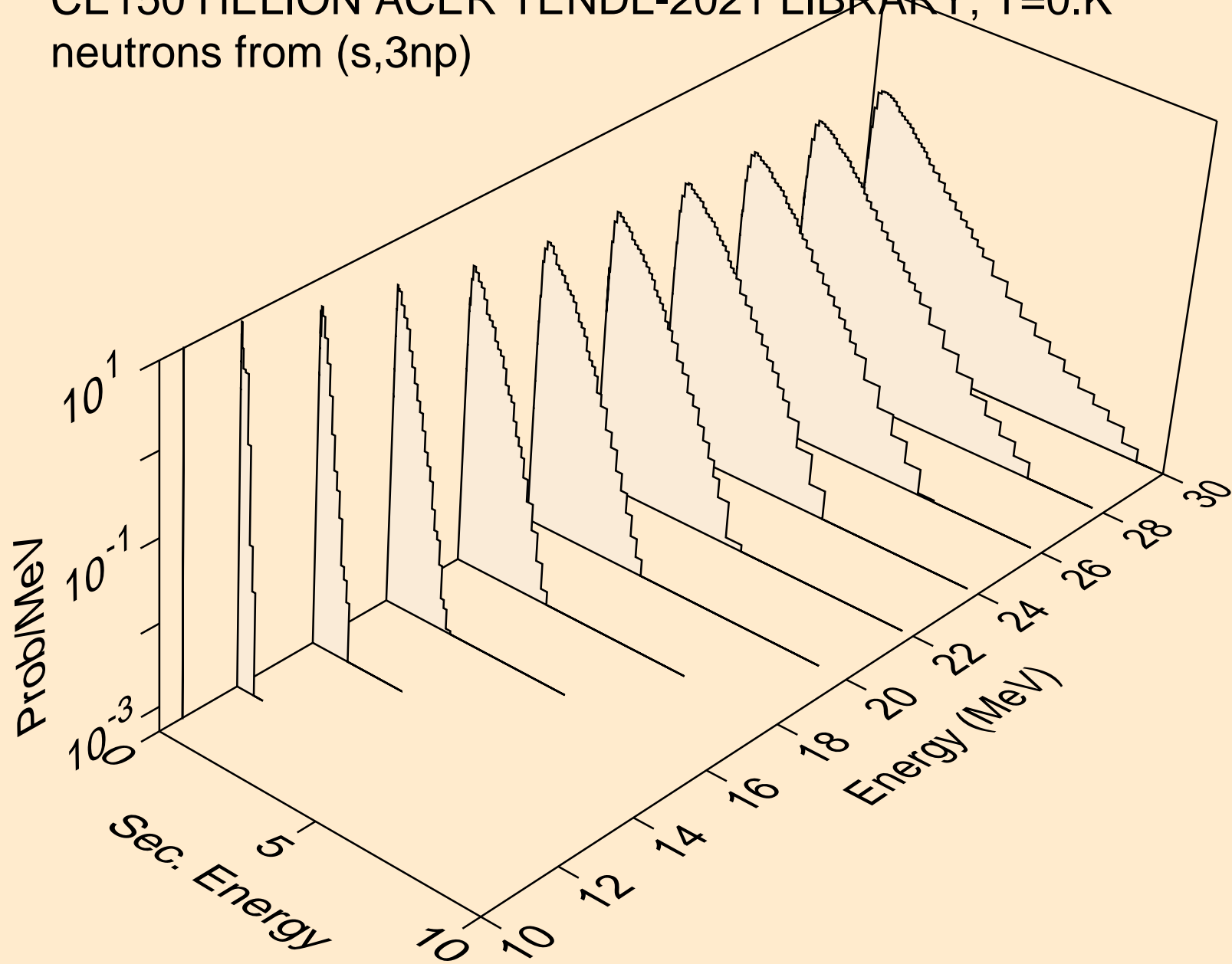
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)



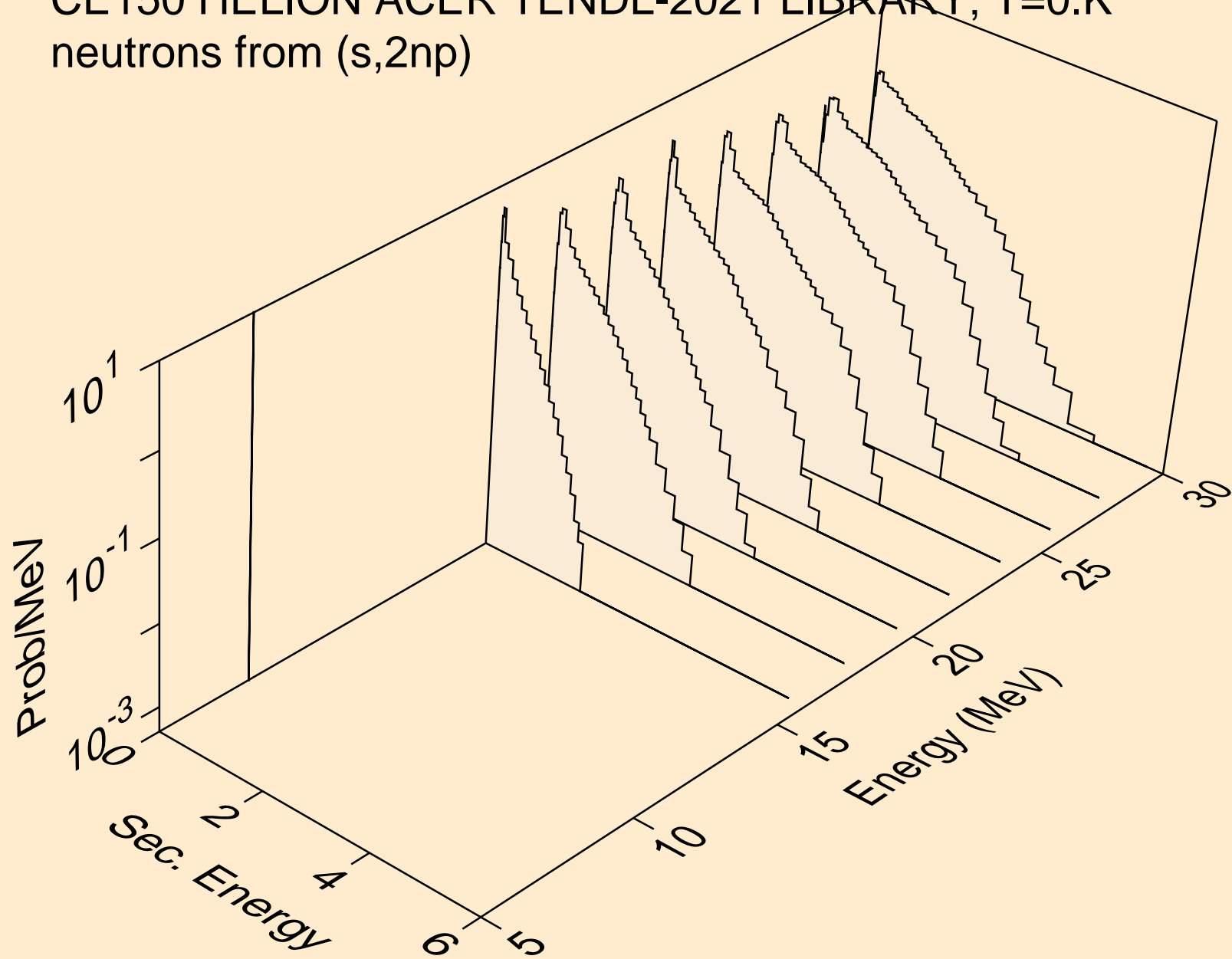
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



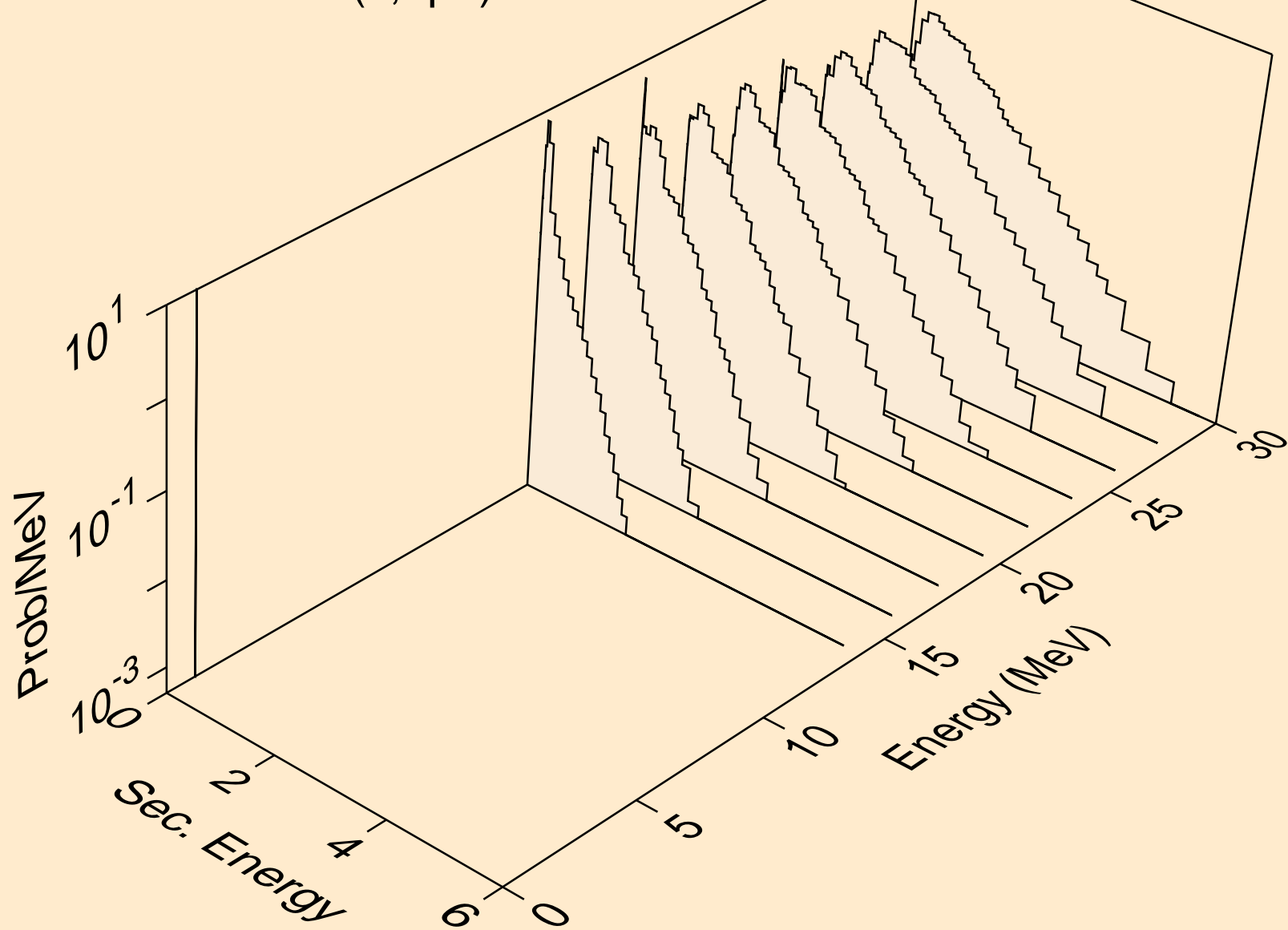
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



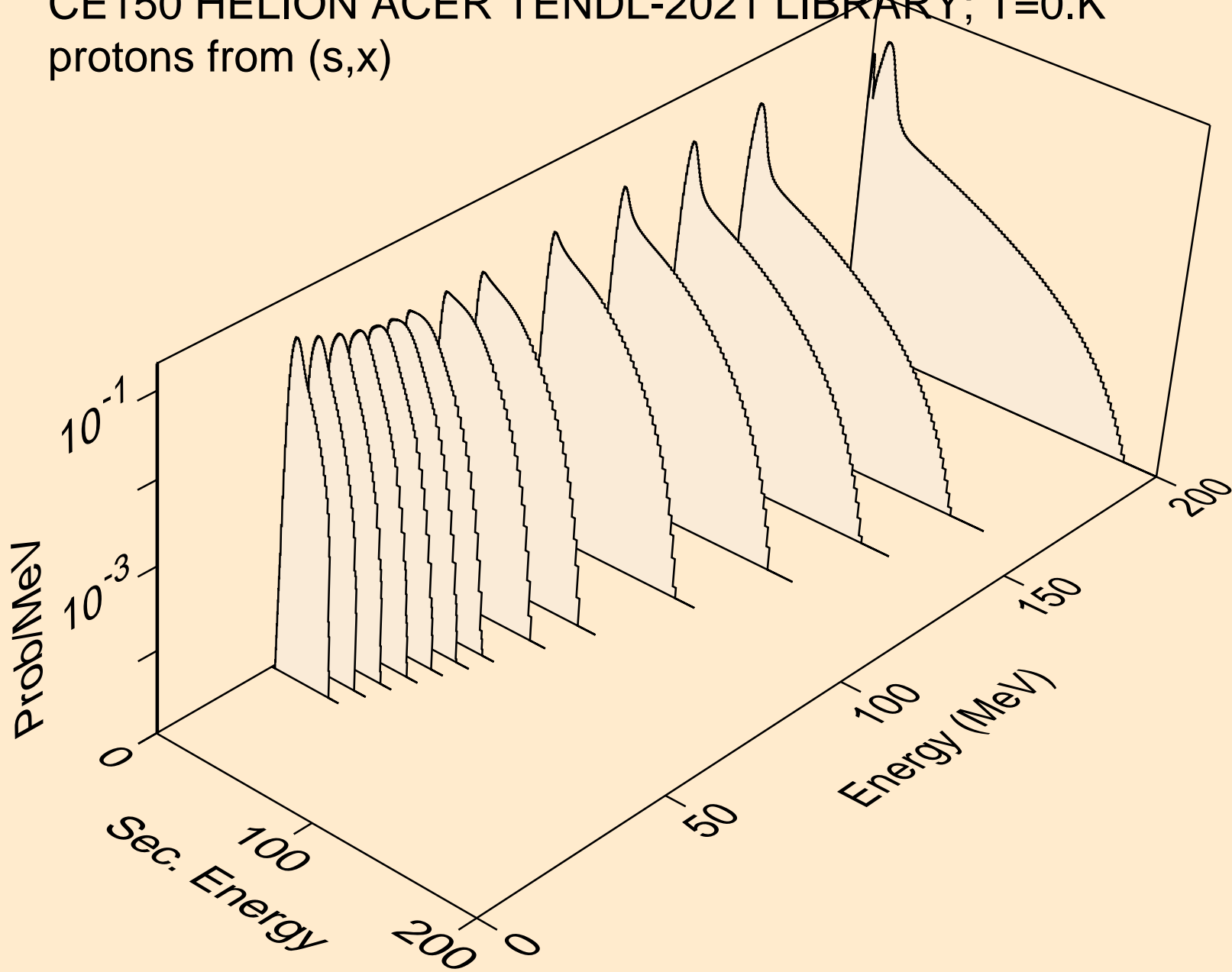
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



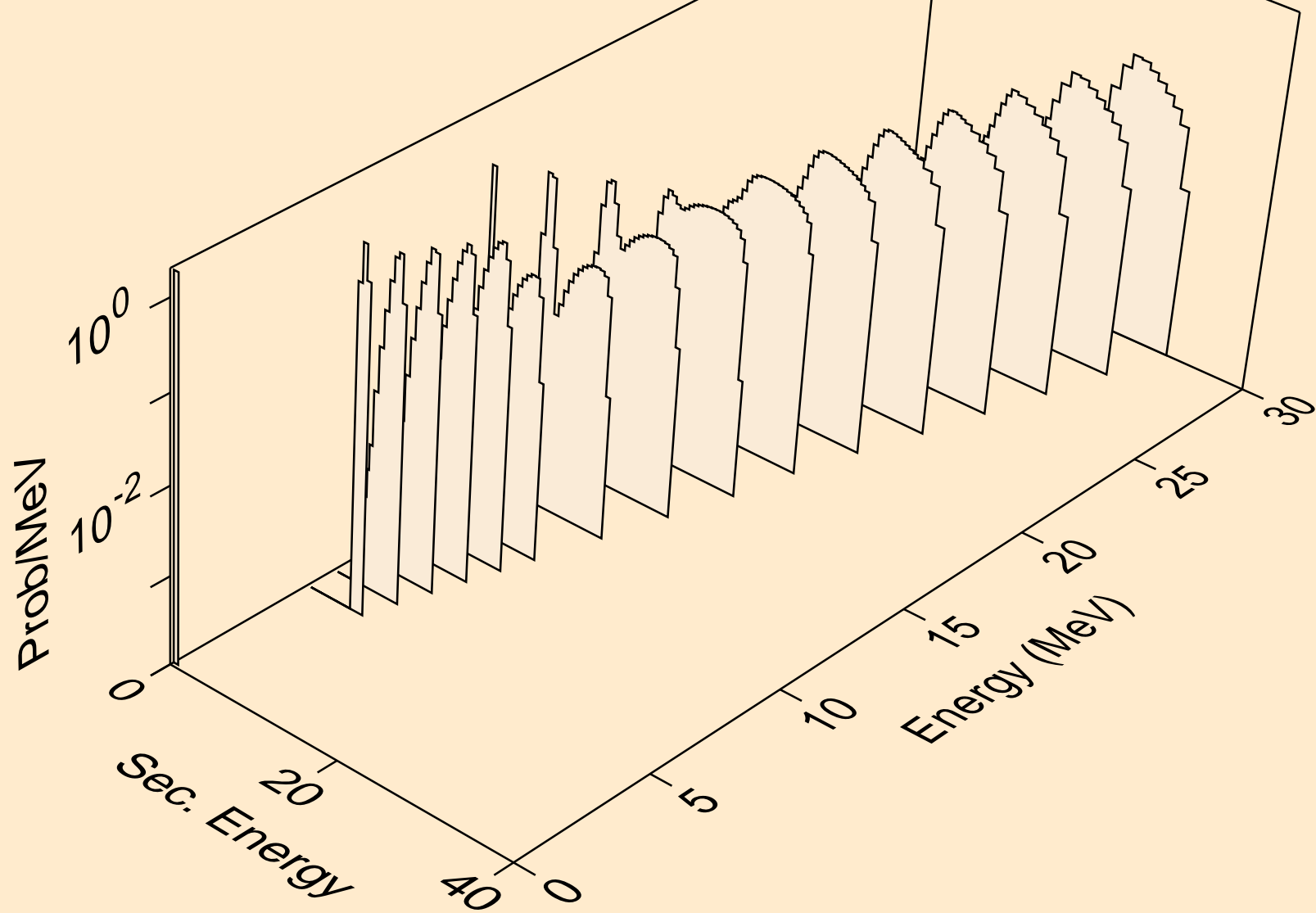
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)

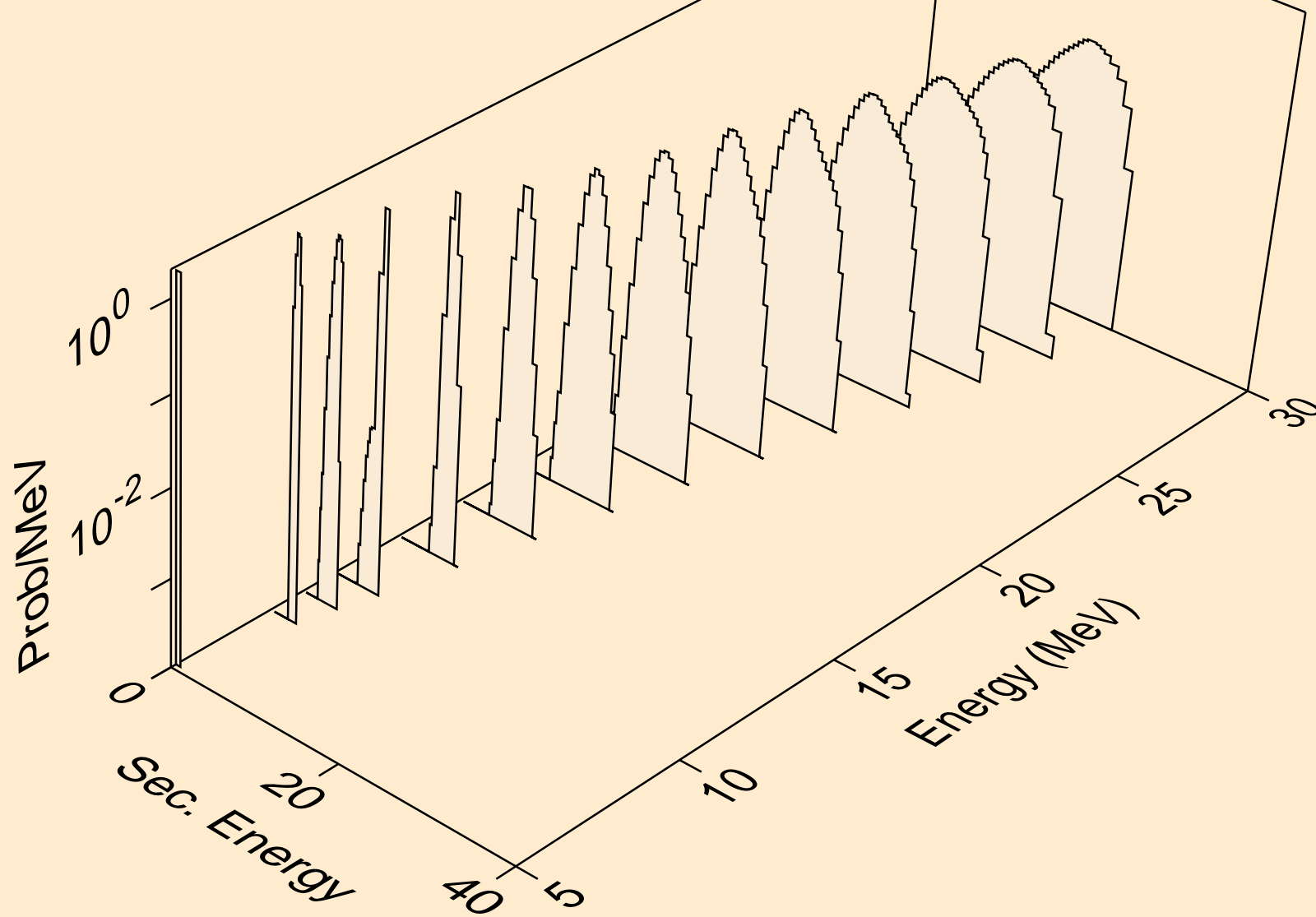


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protons from (s,n\*)p

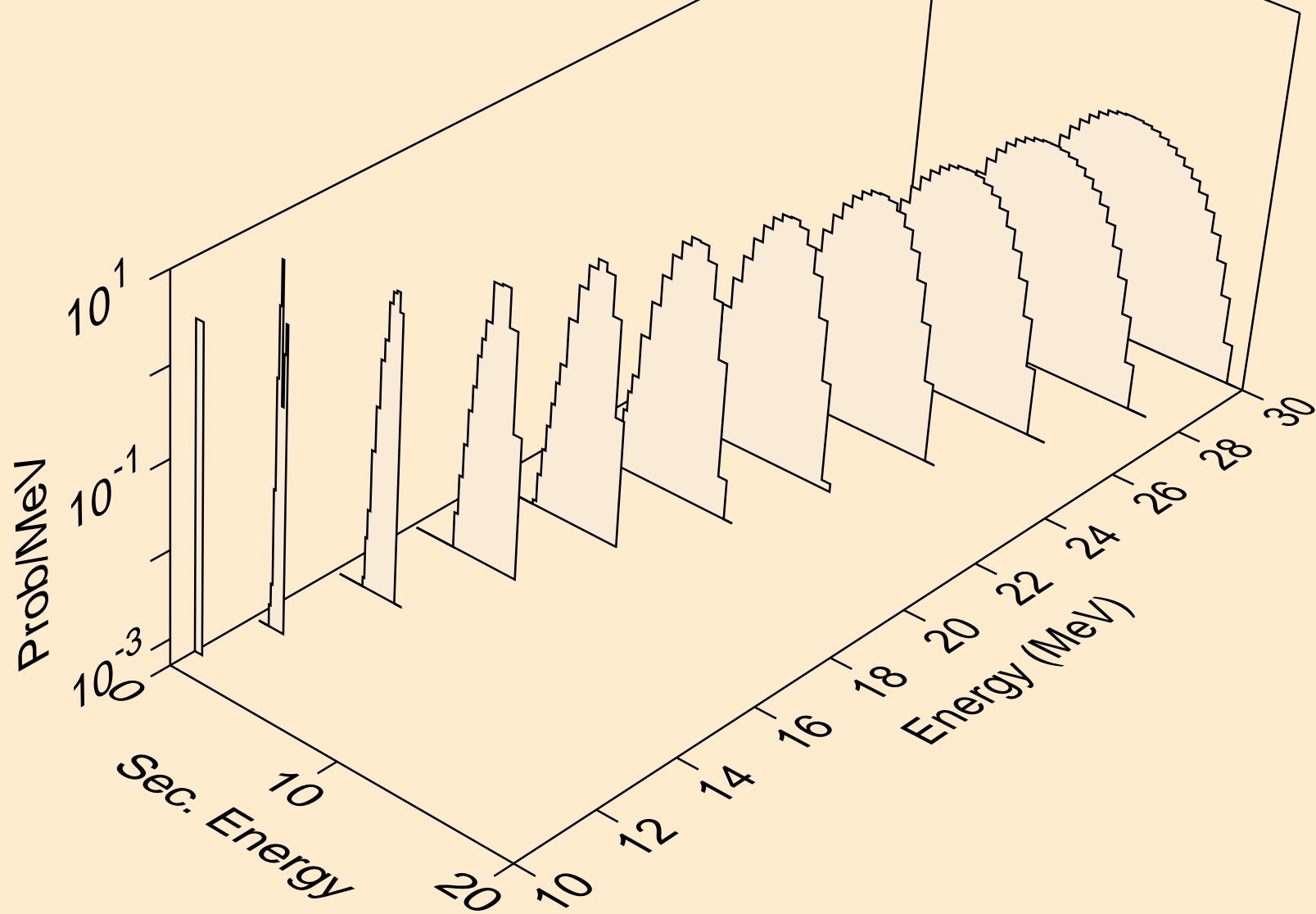




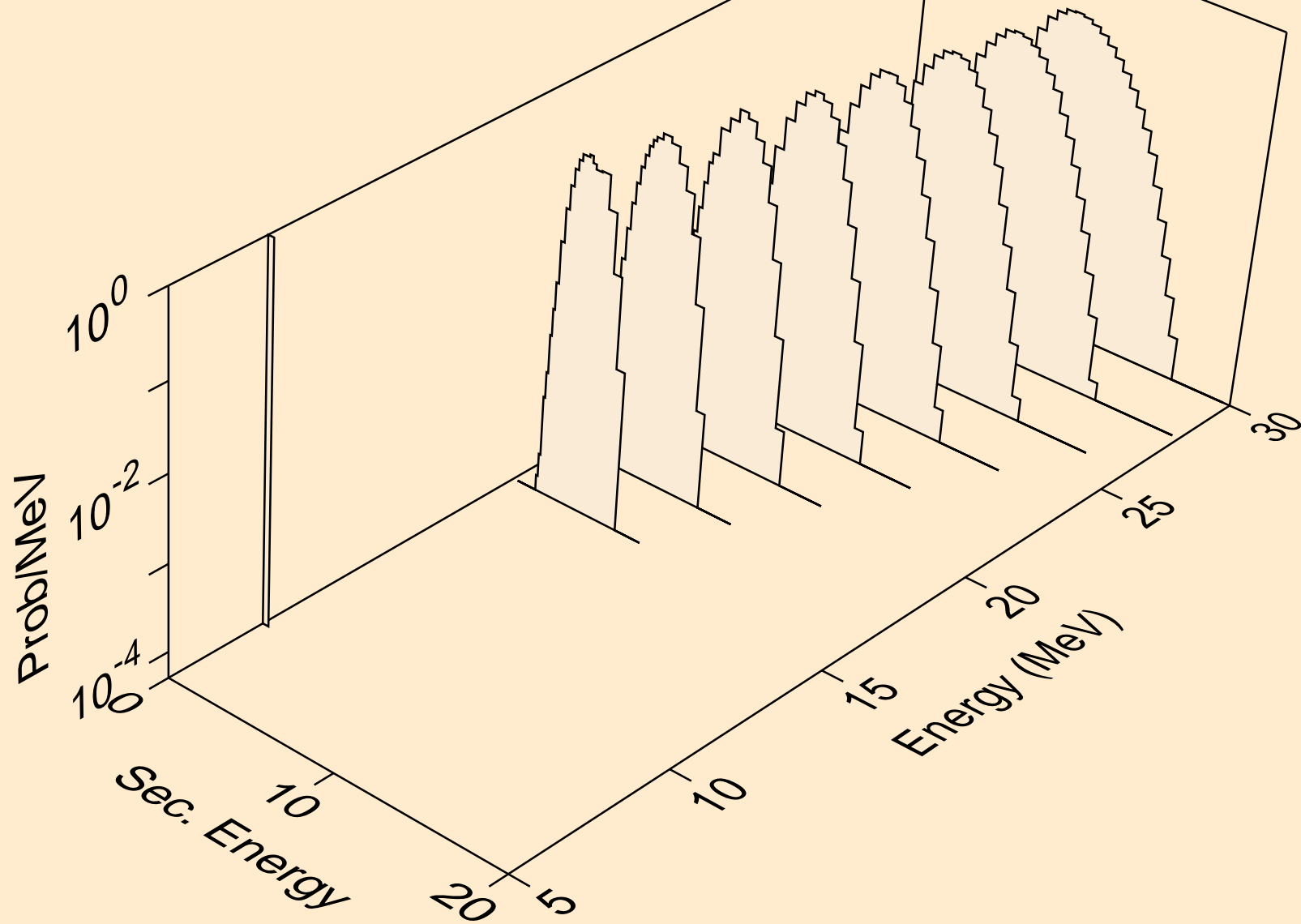
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protons from (s,2np)



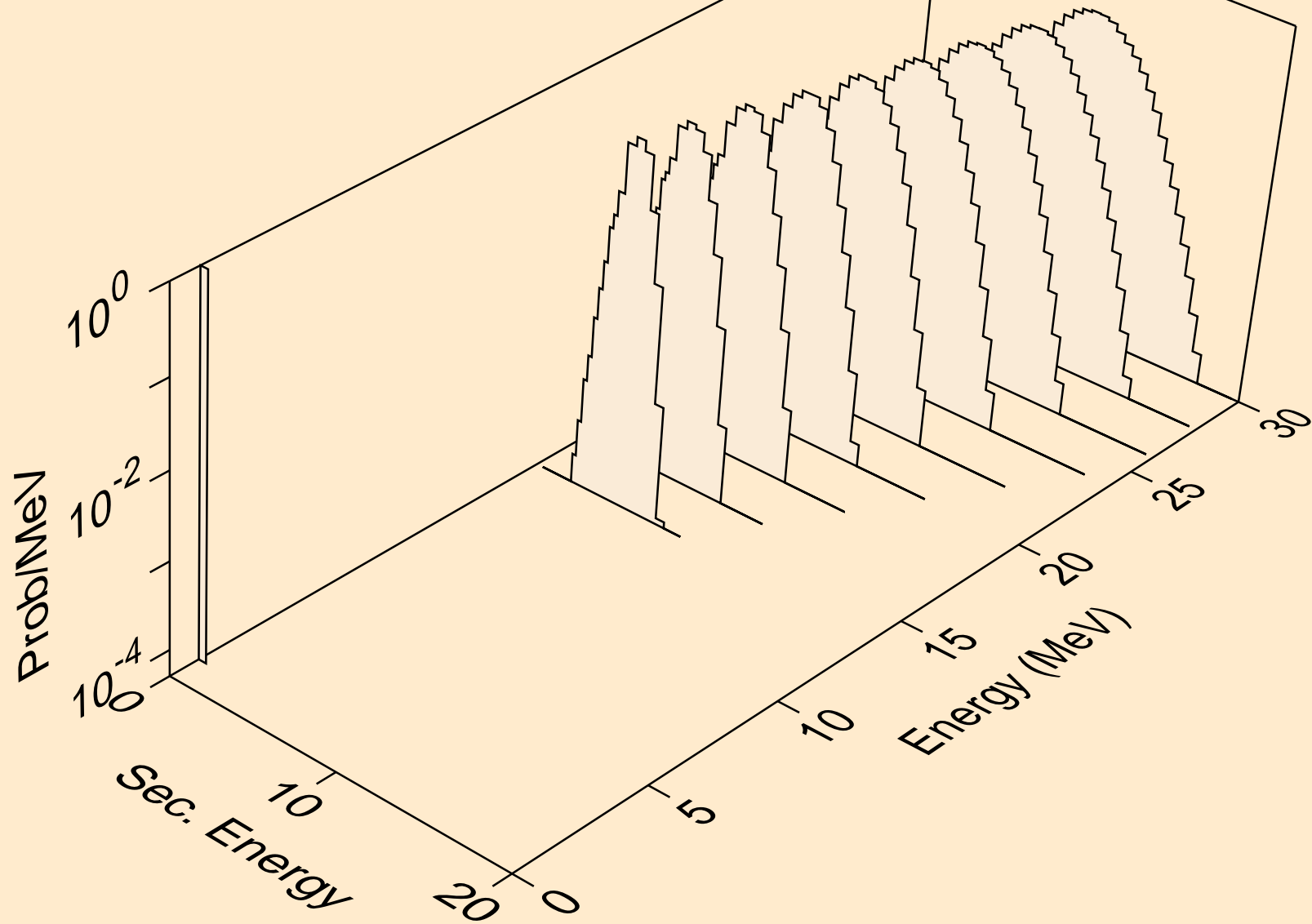
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protons from (s,3np)



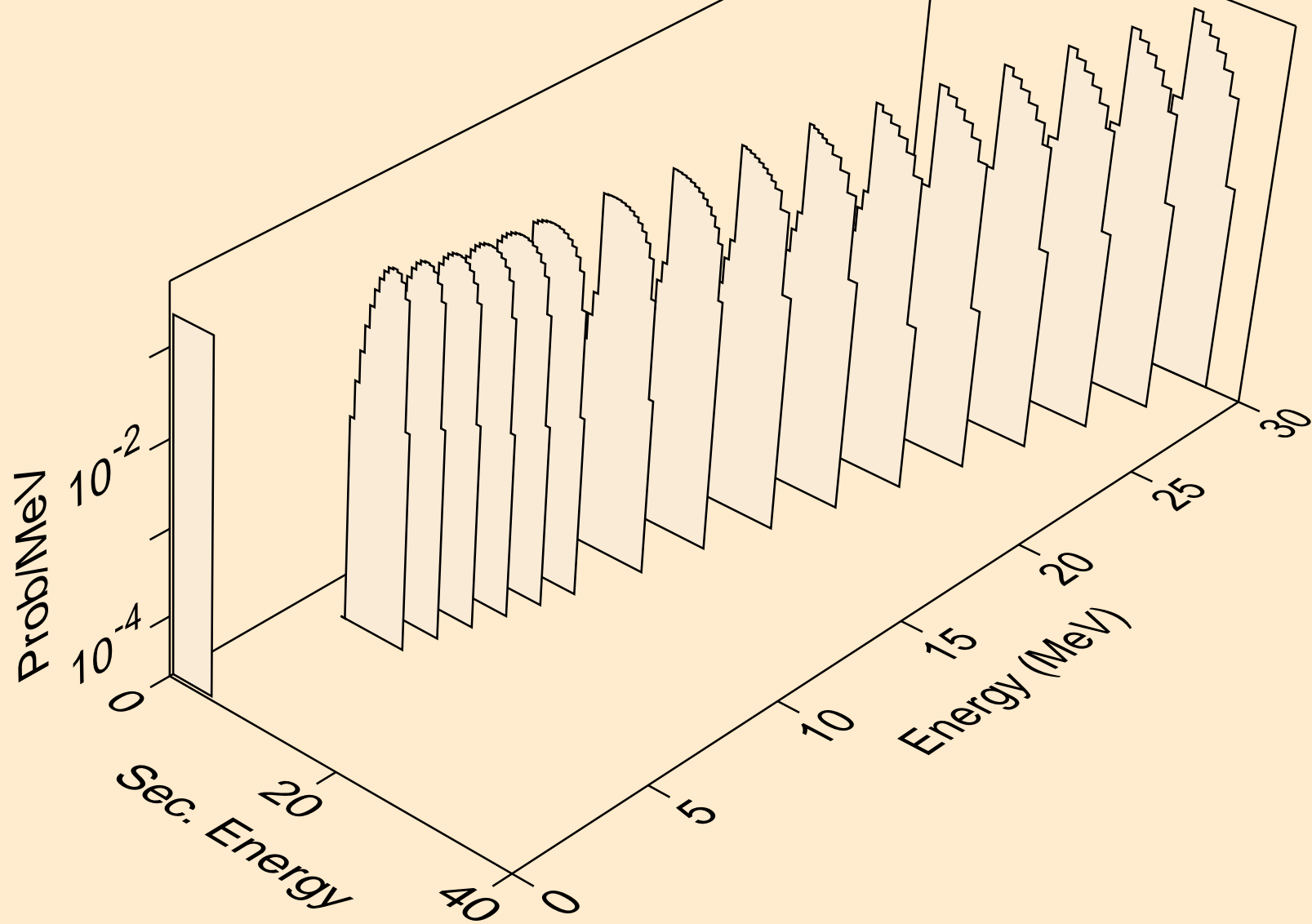
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



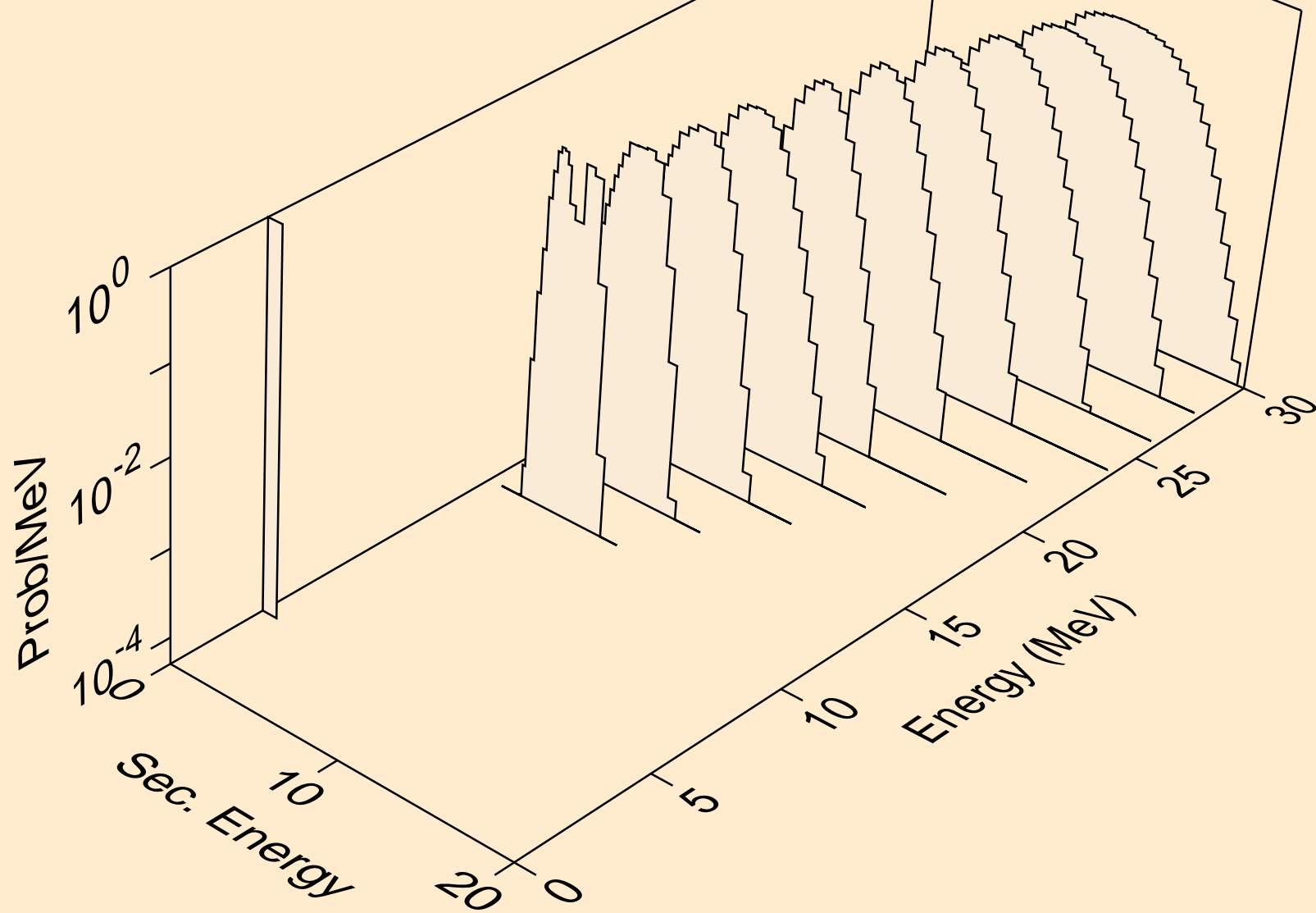
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



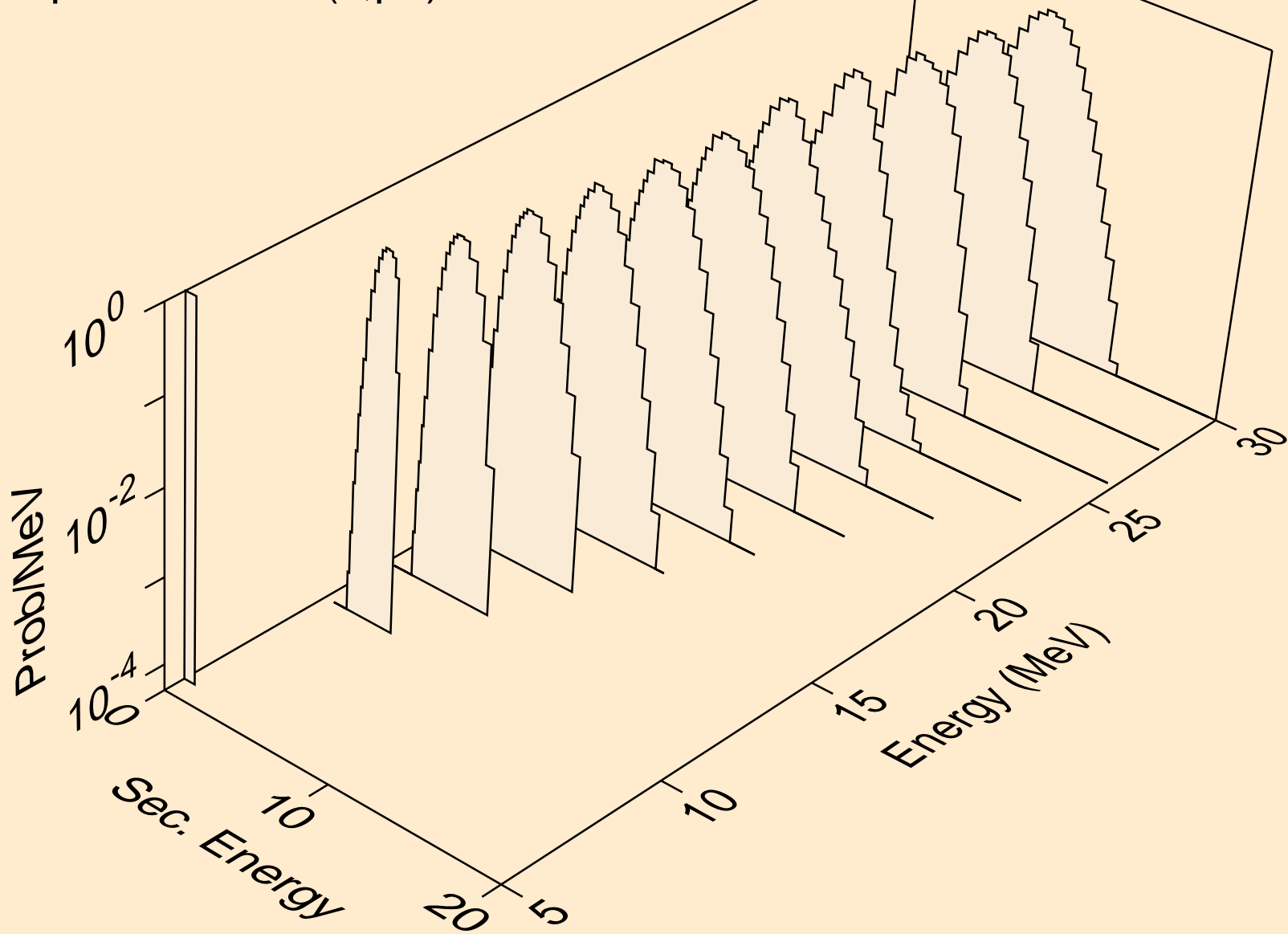
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



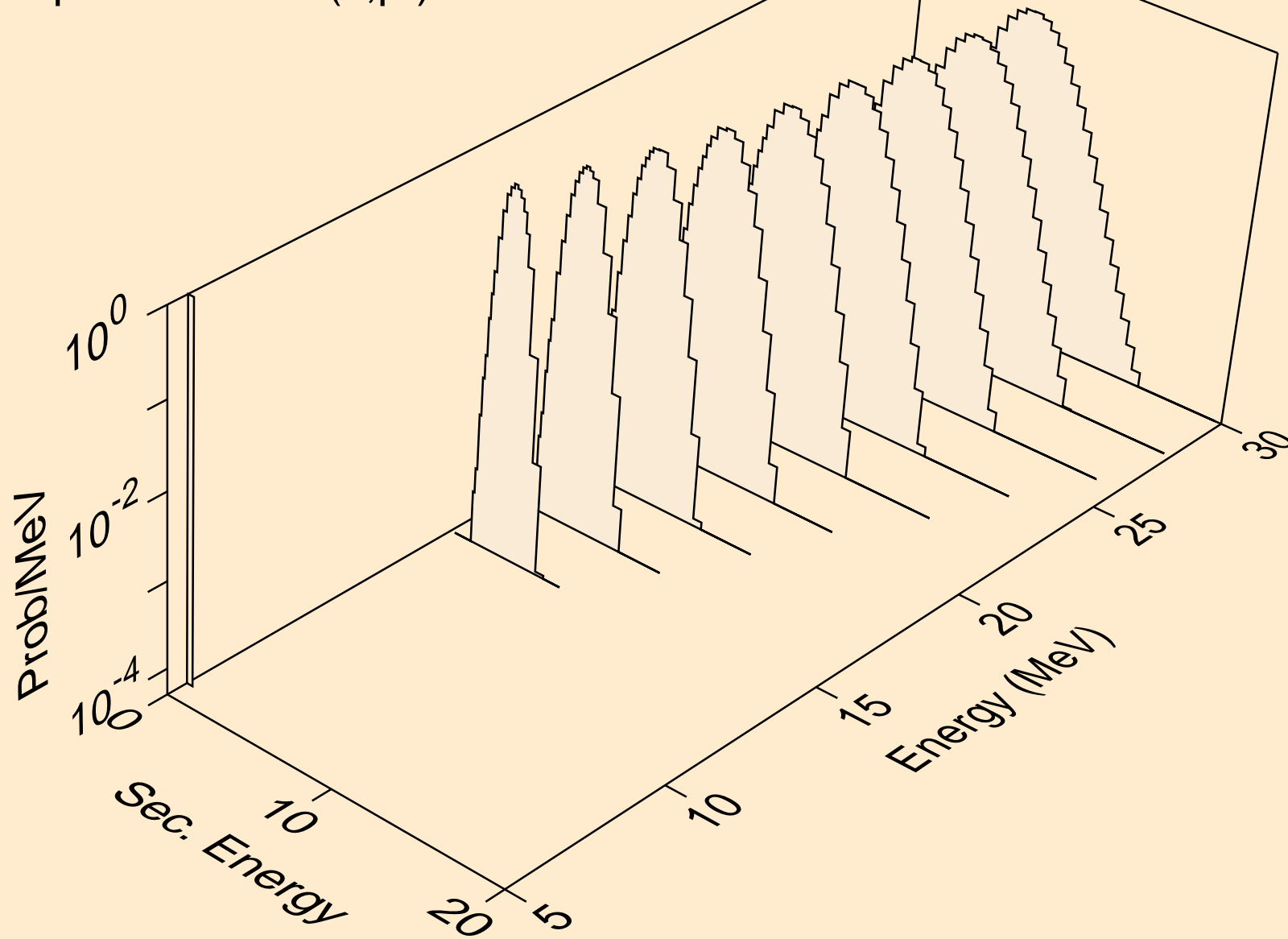
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)

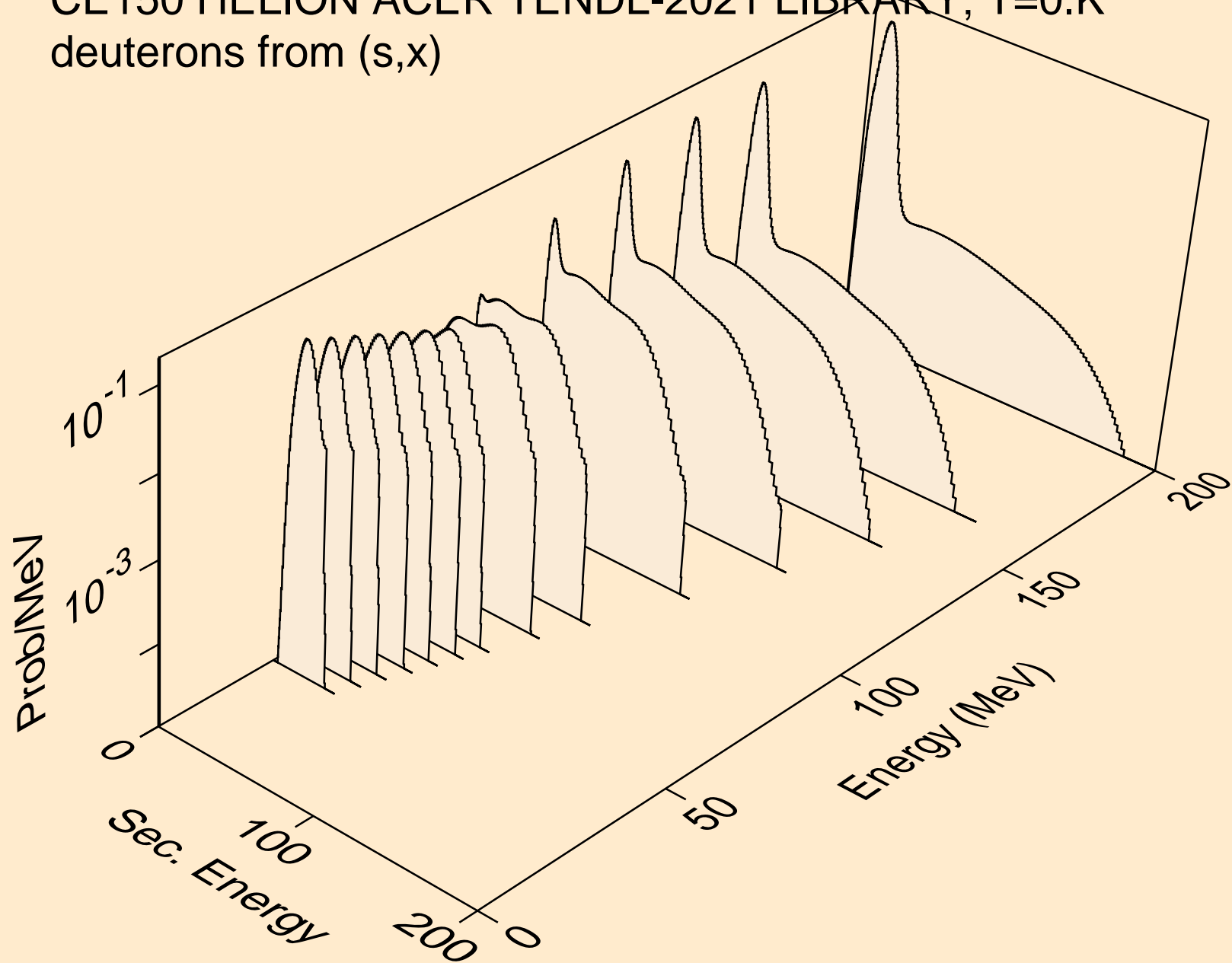


CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

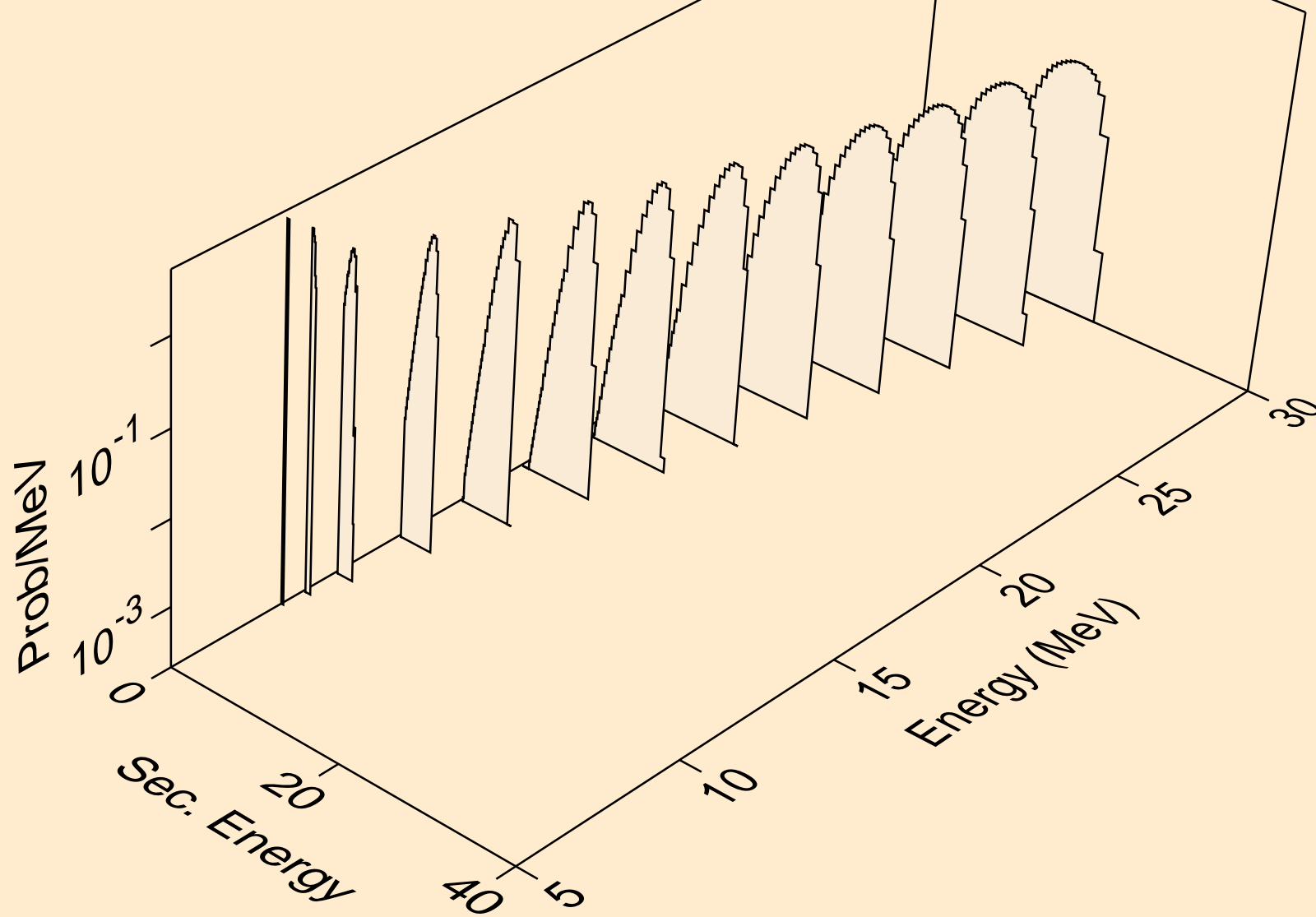




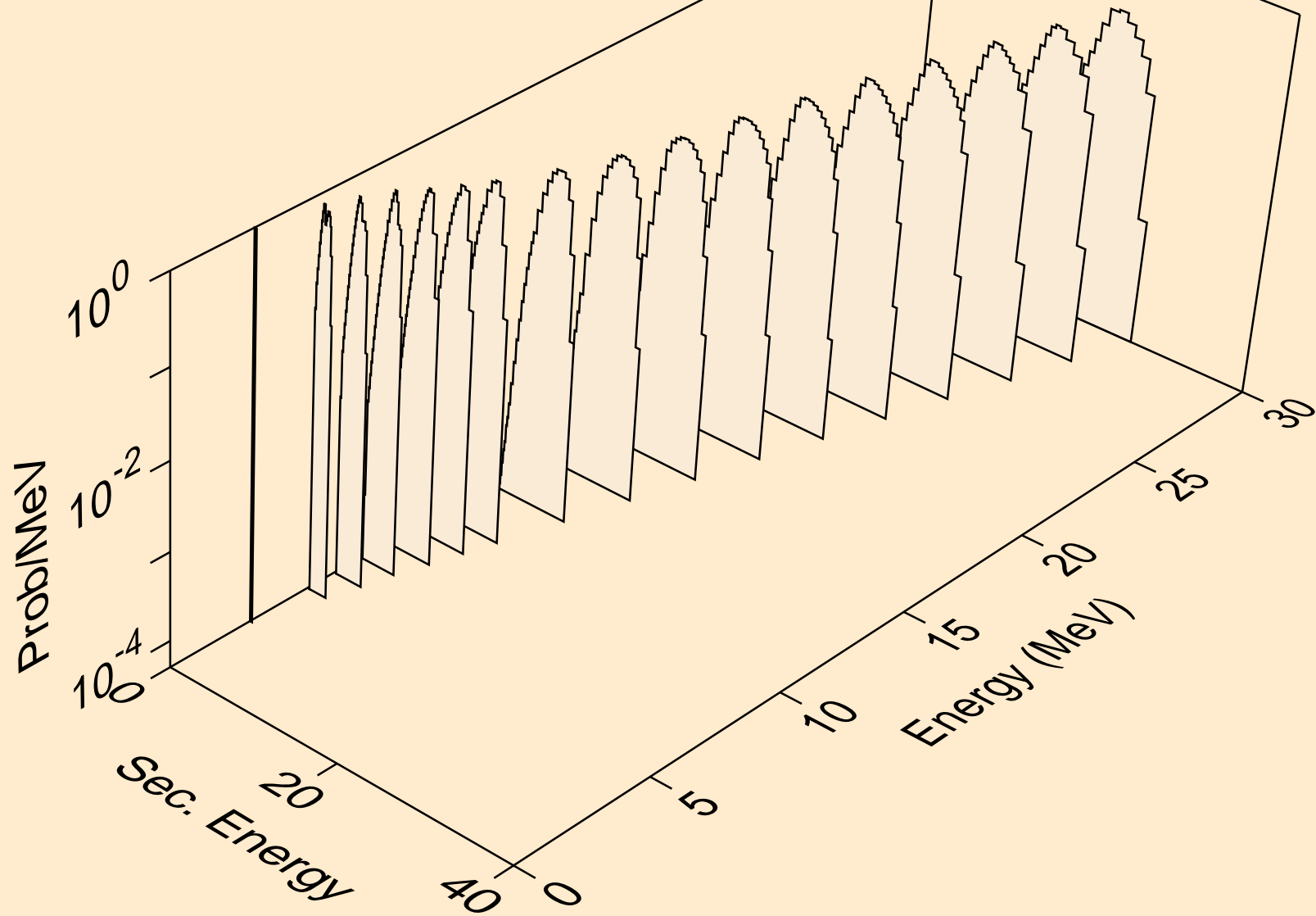
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deuterons from (s,x)



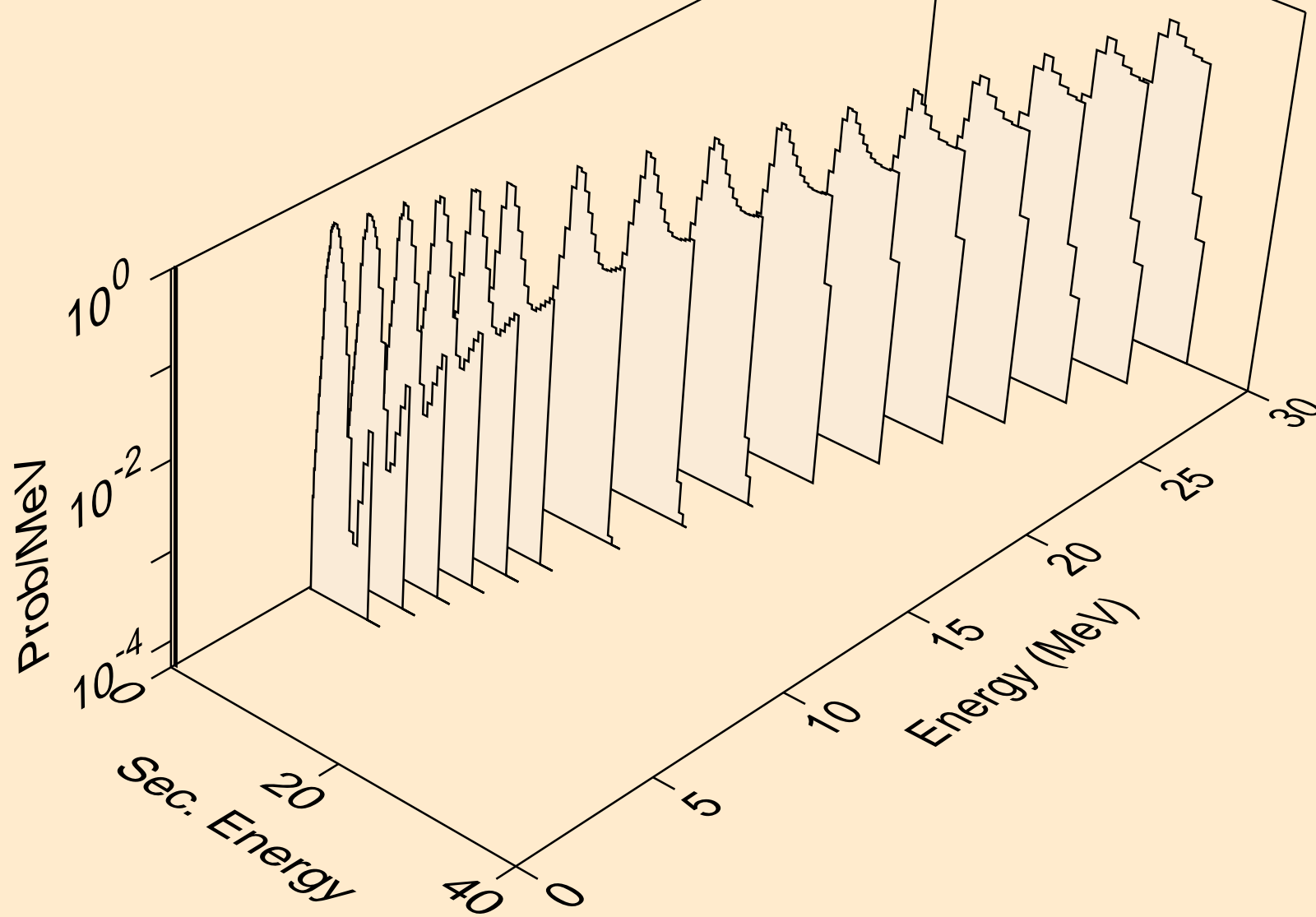
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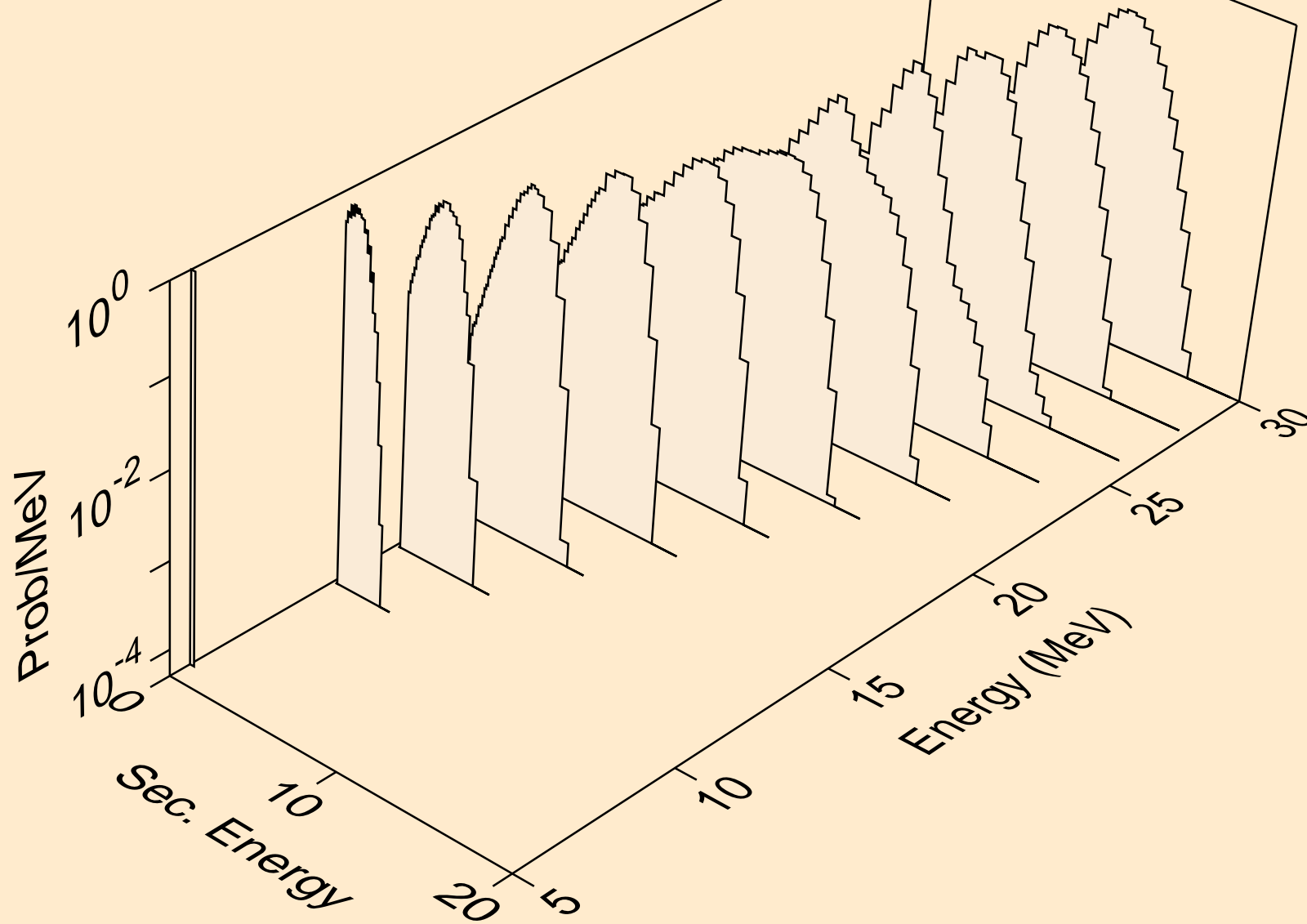
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deuterons from (s,n\*)d



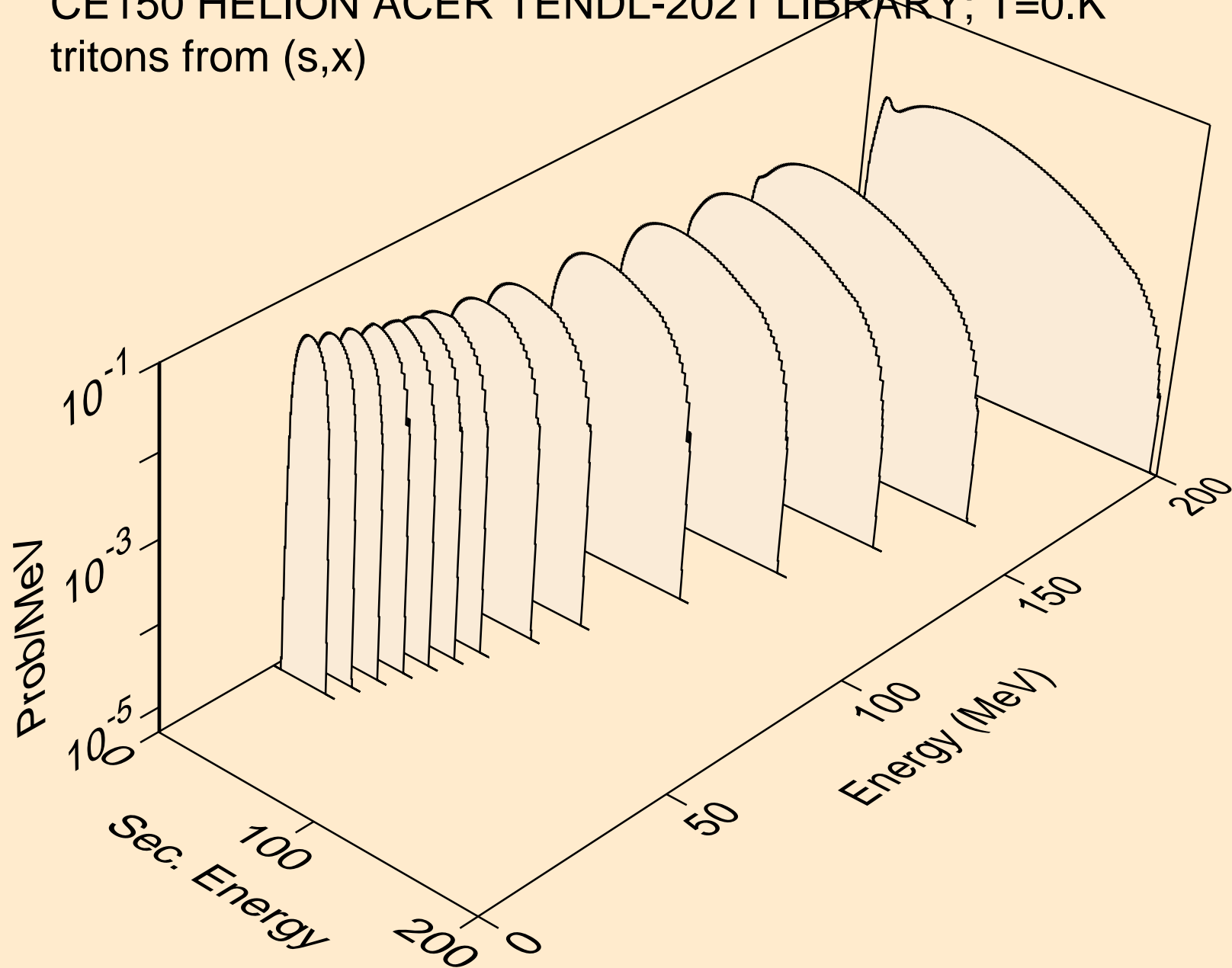
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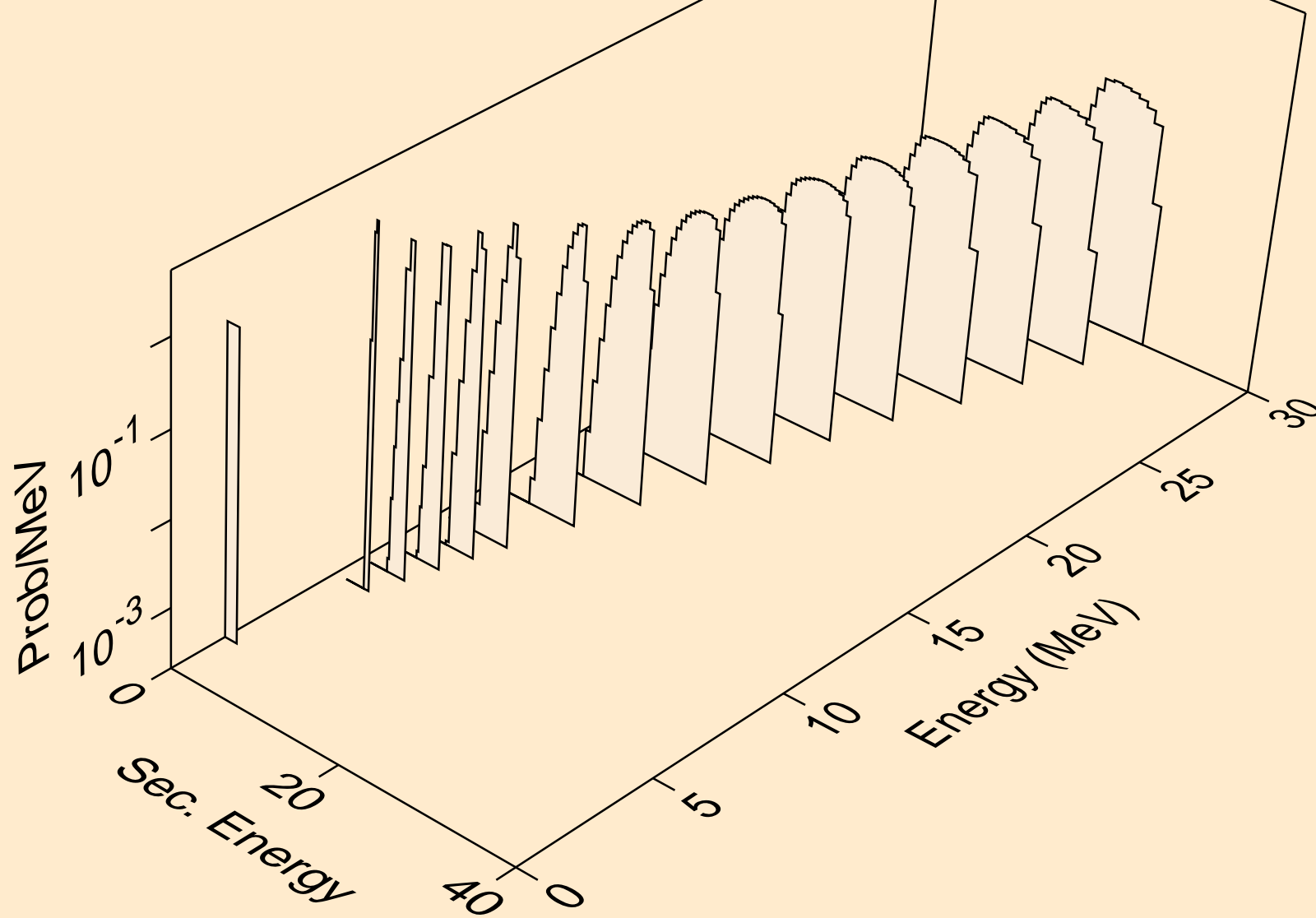
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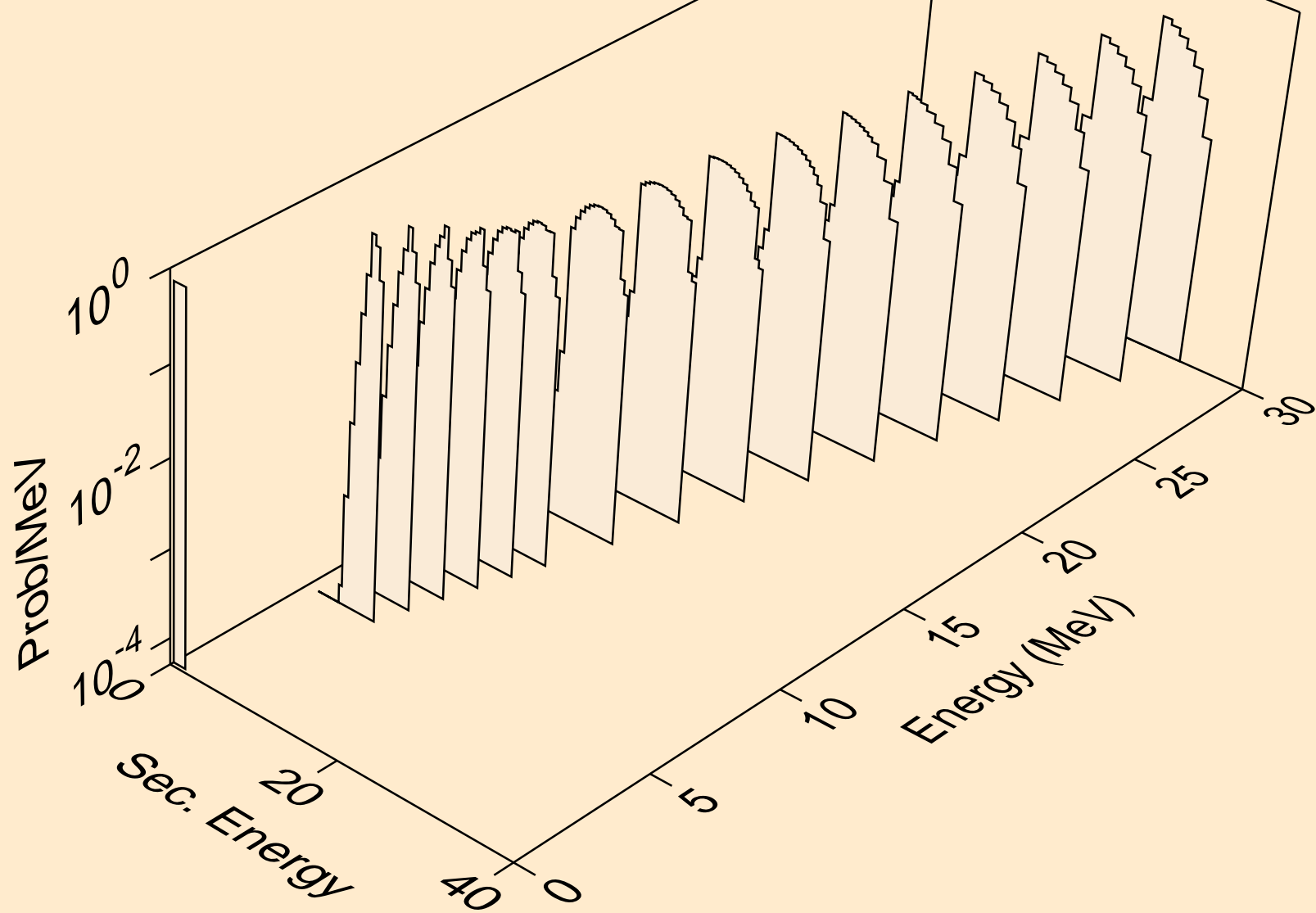
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

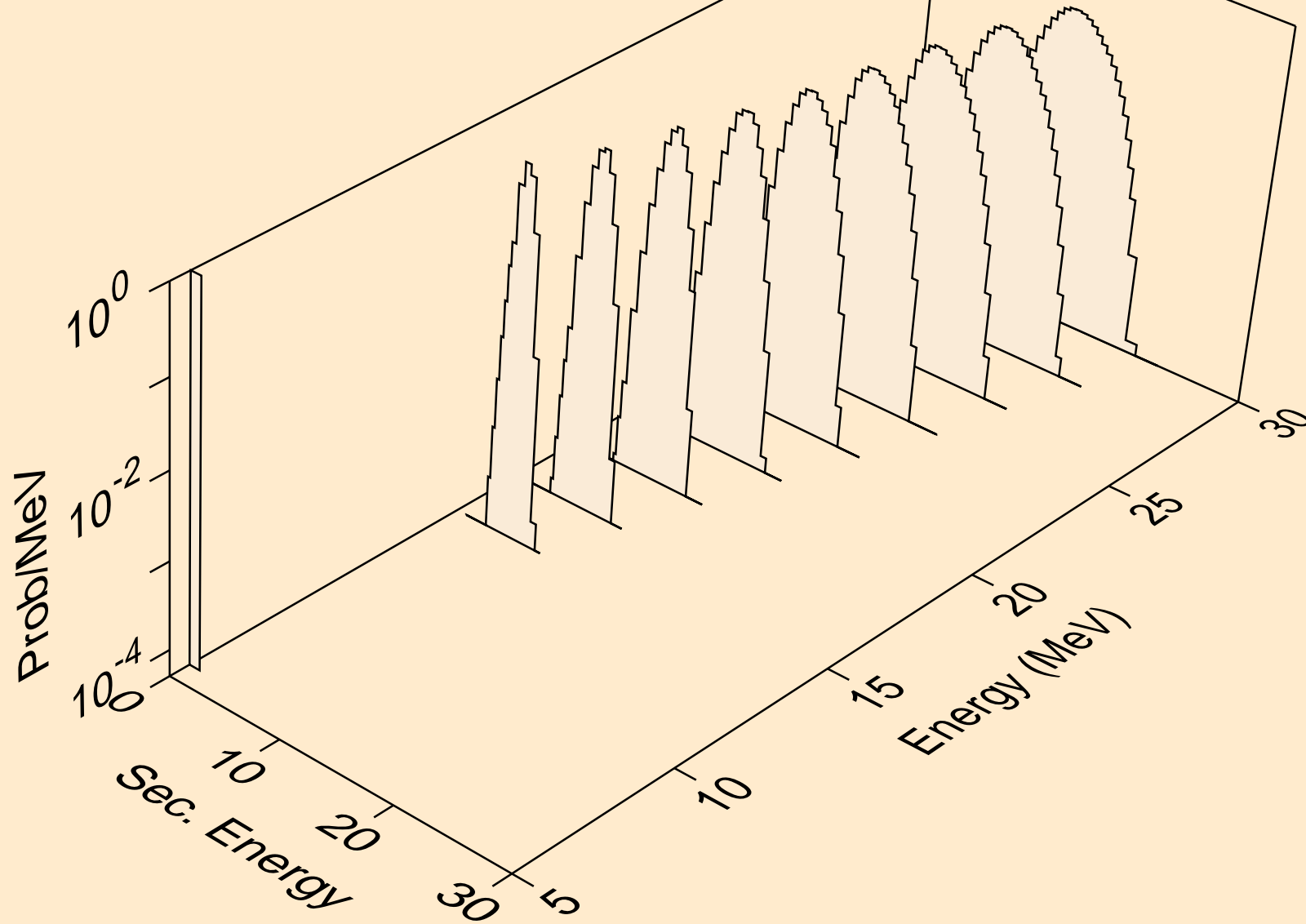


CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

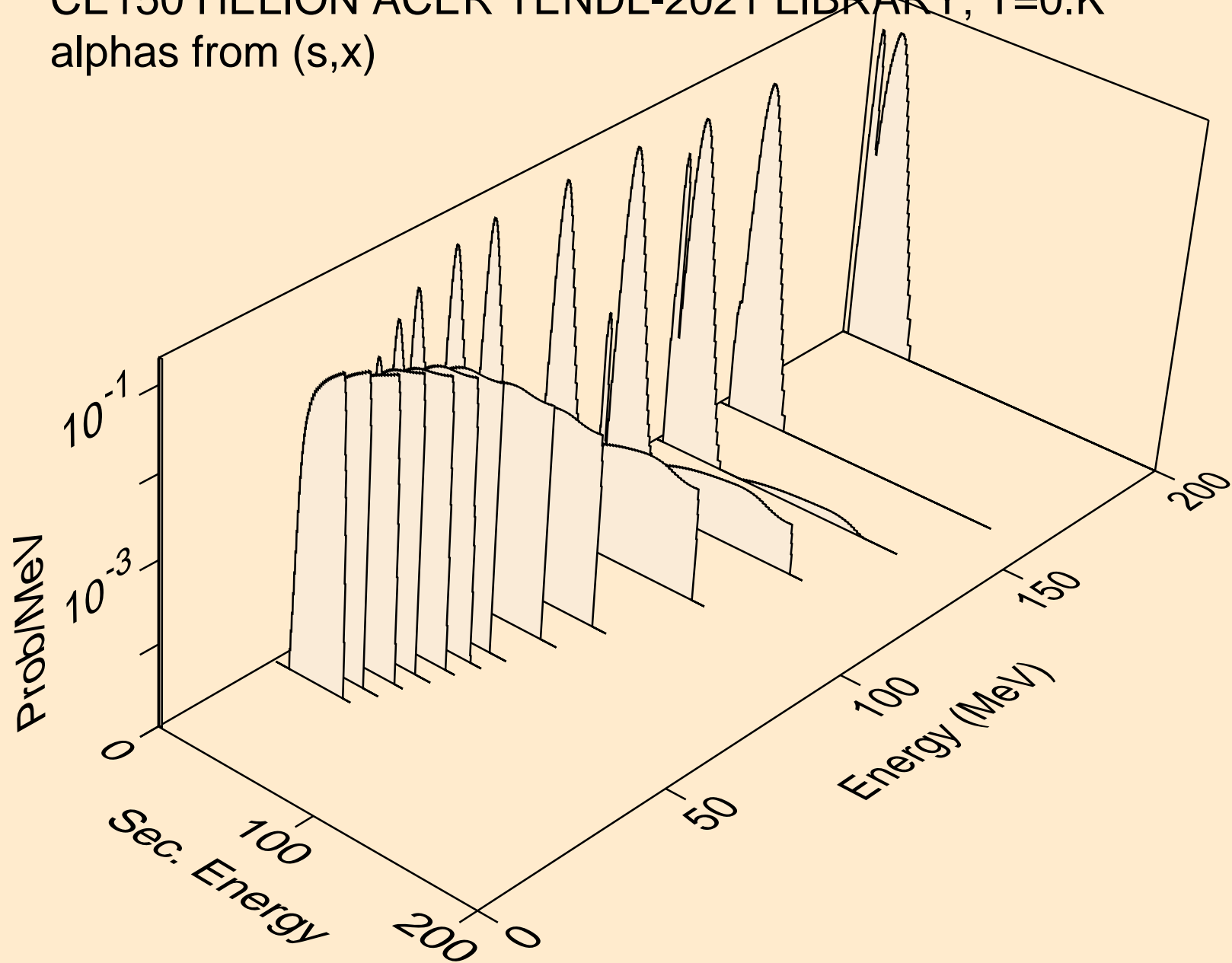




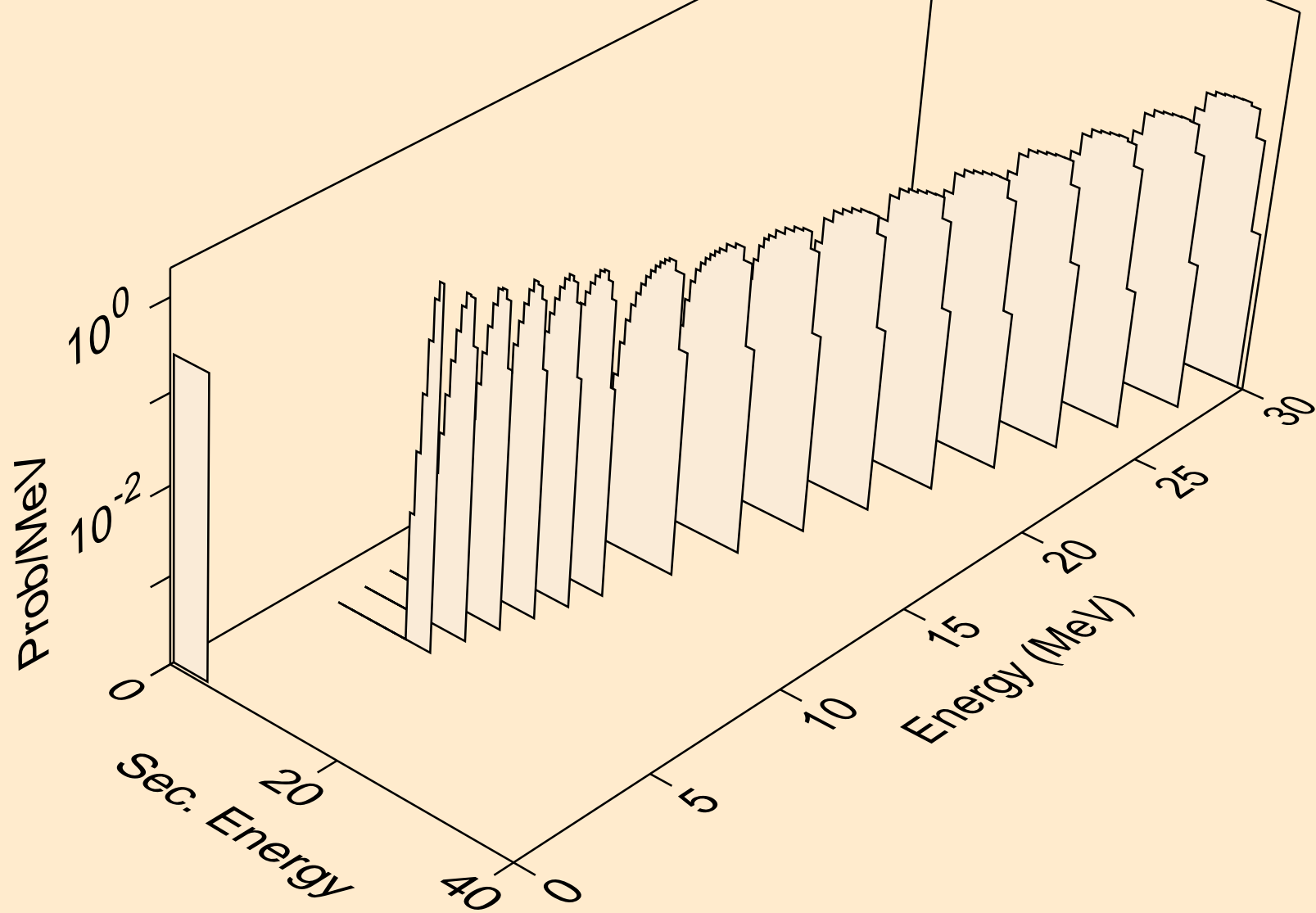
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tritons from (s,pt)



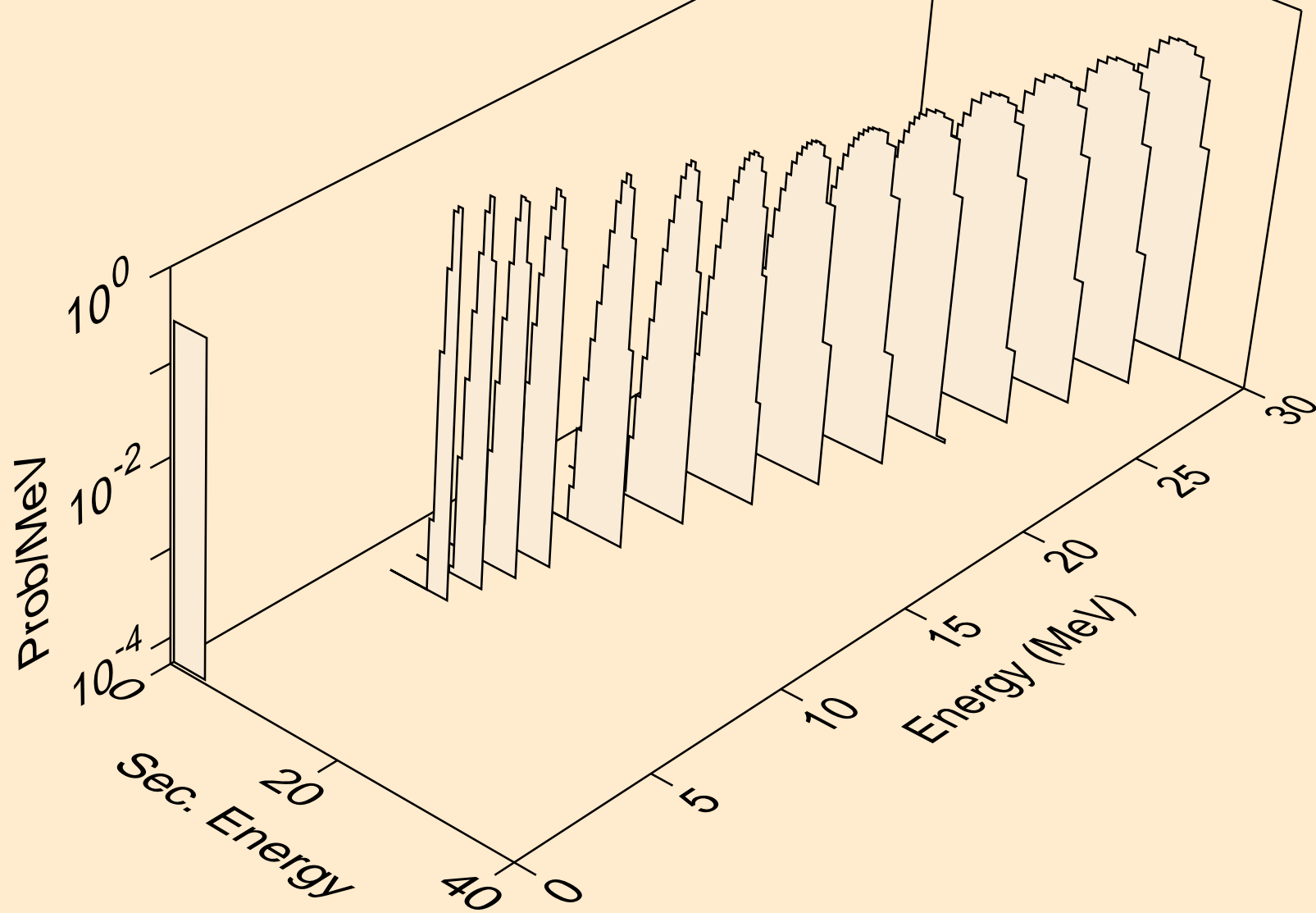
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alphas from (s,x)



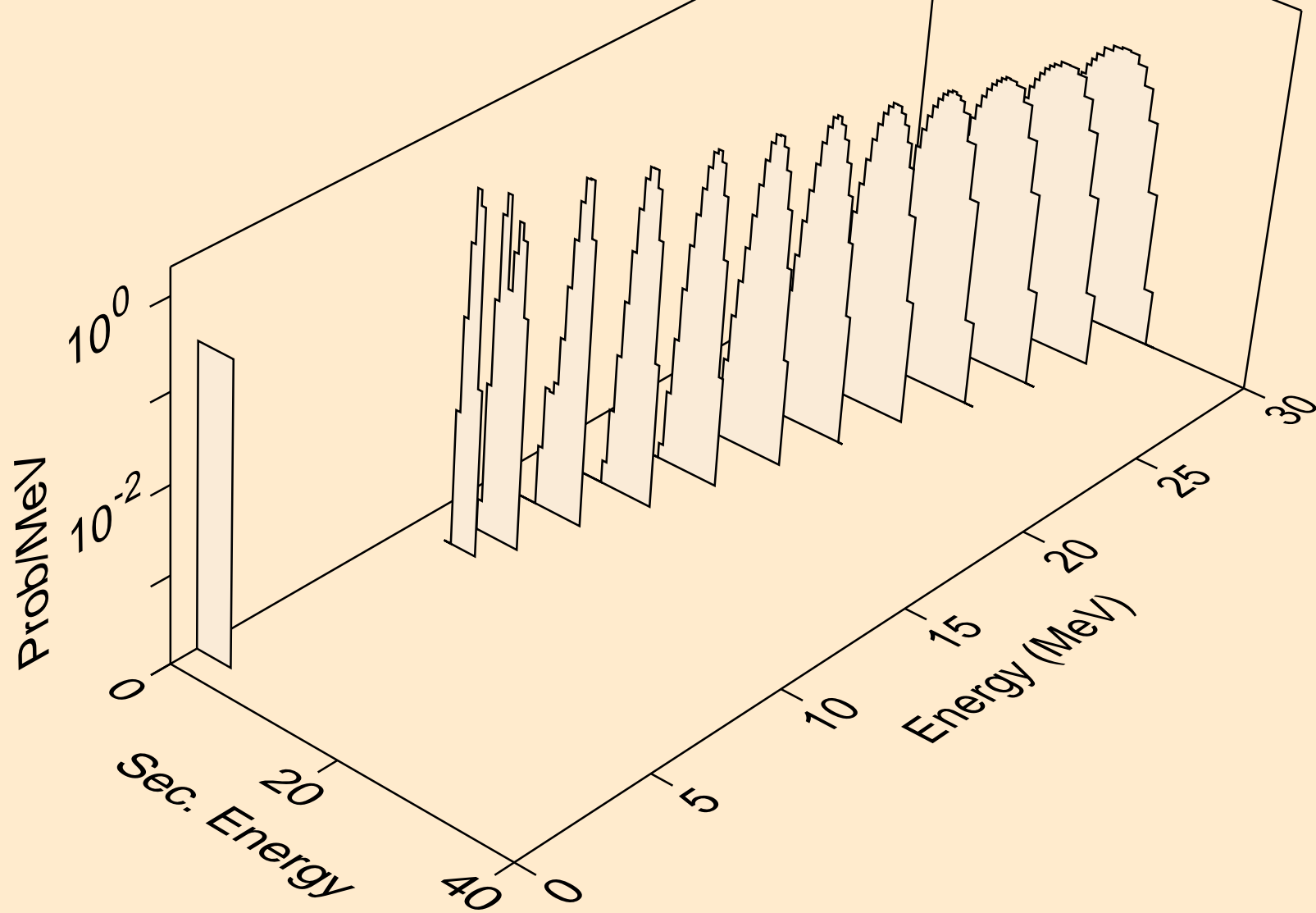
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



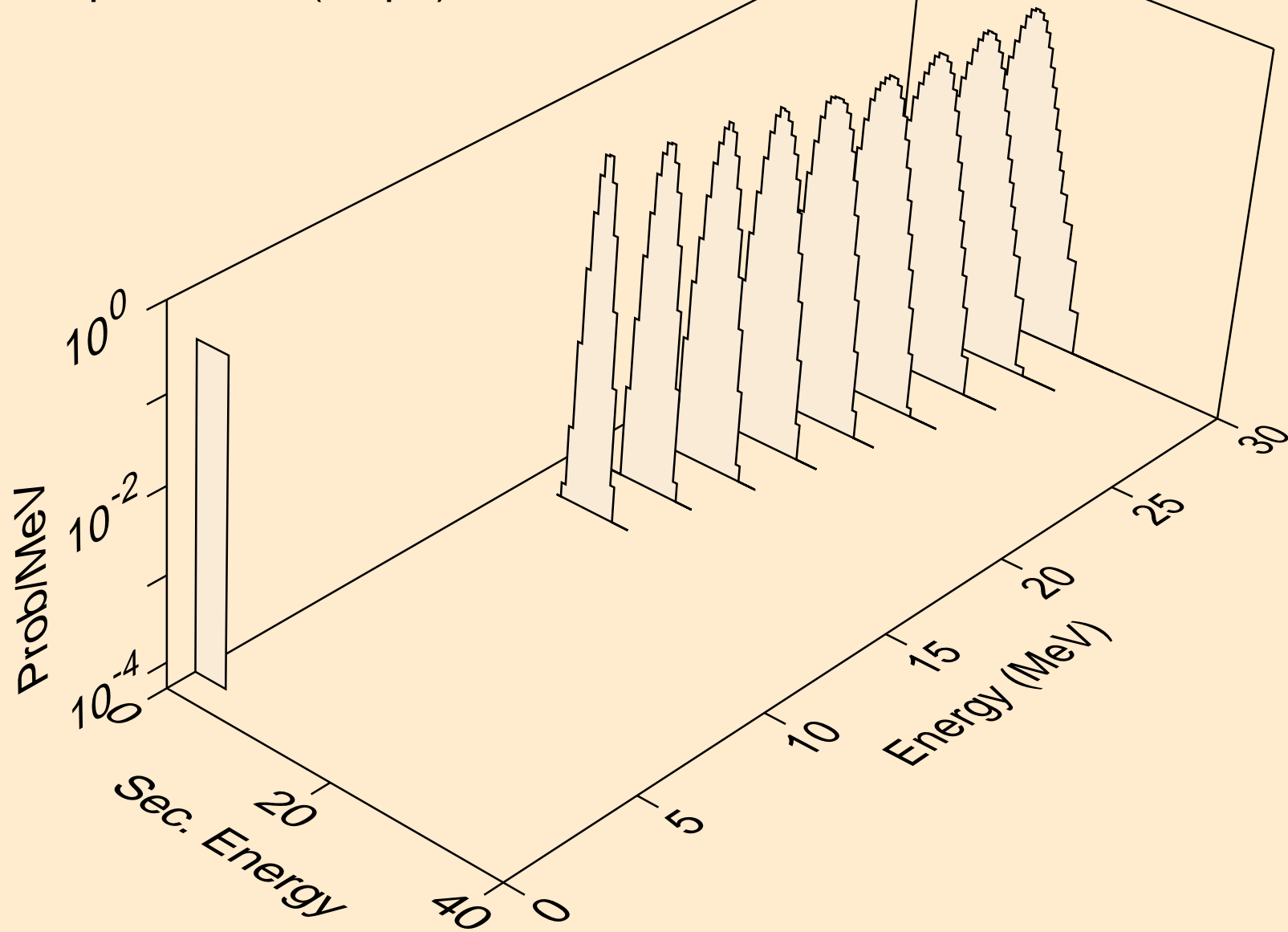
CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



CE150 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

