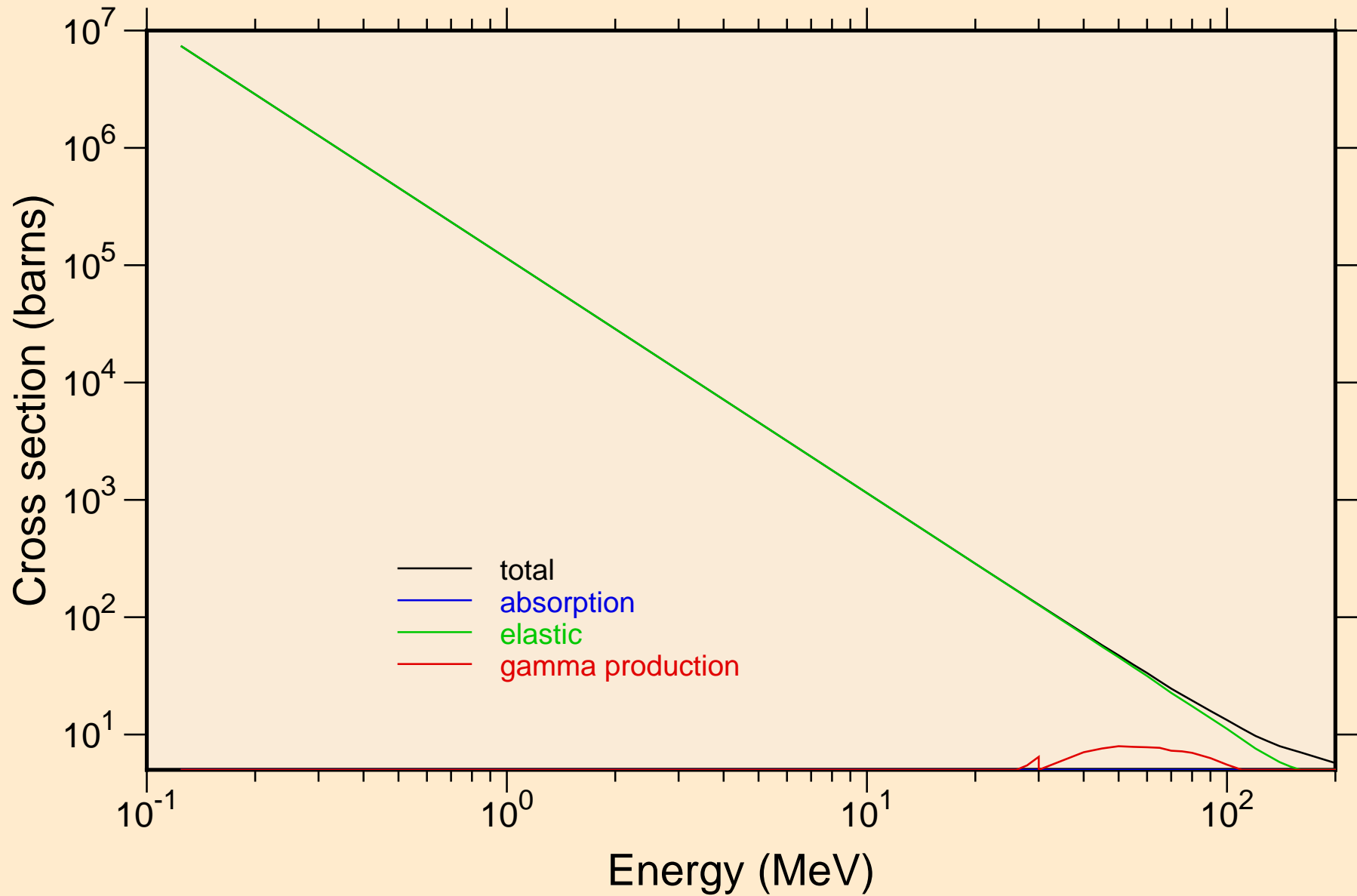
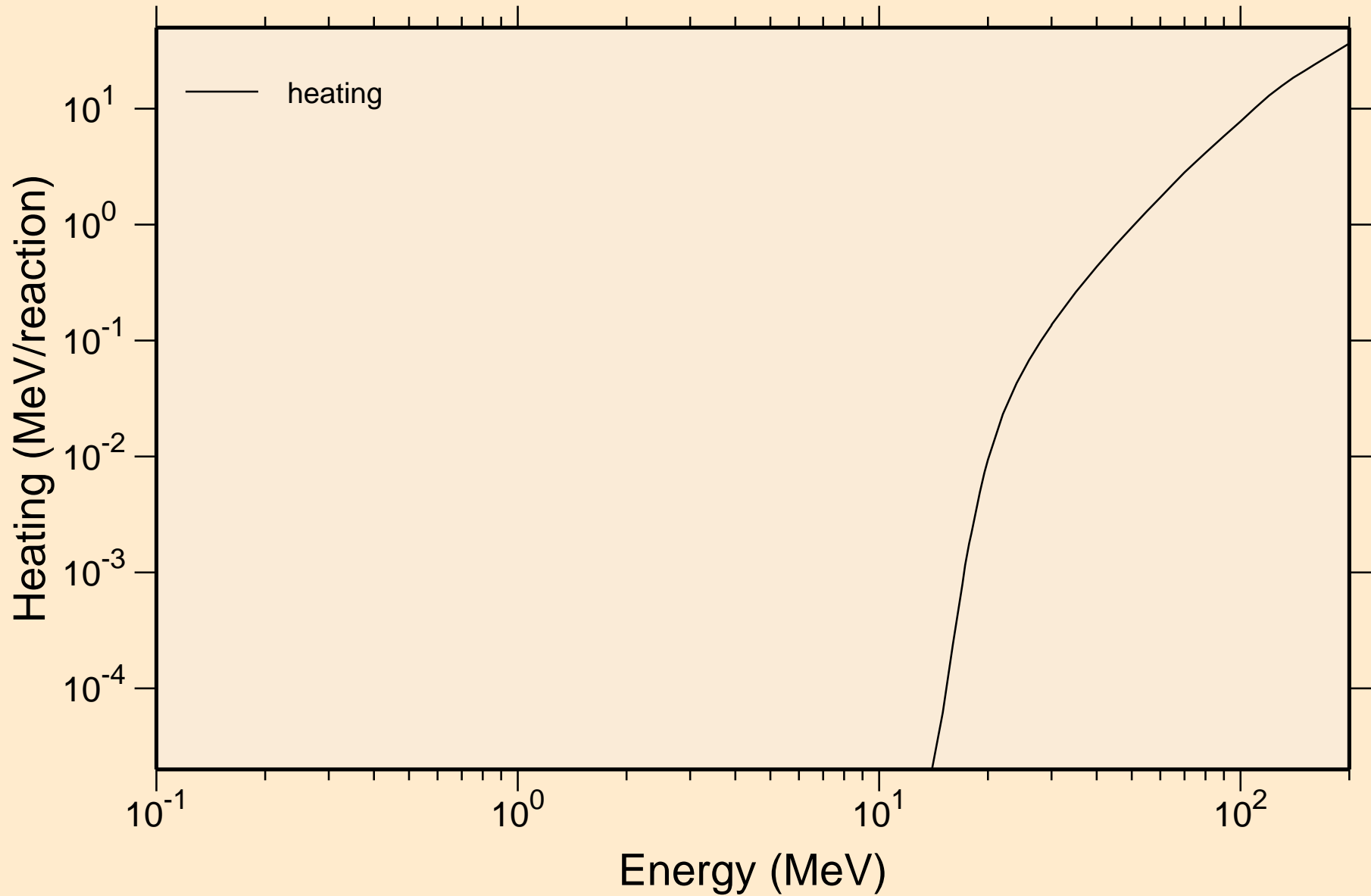


HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

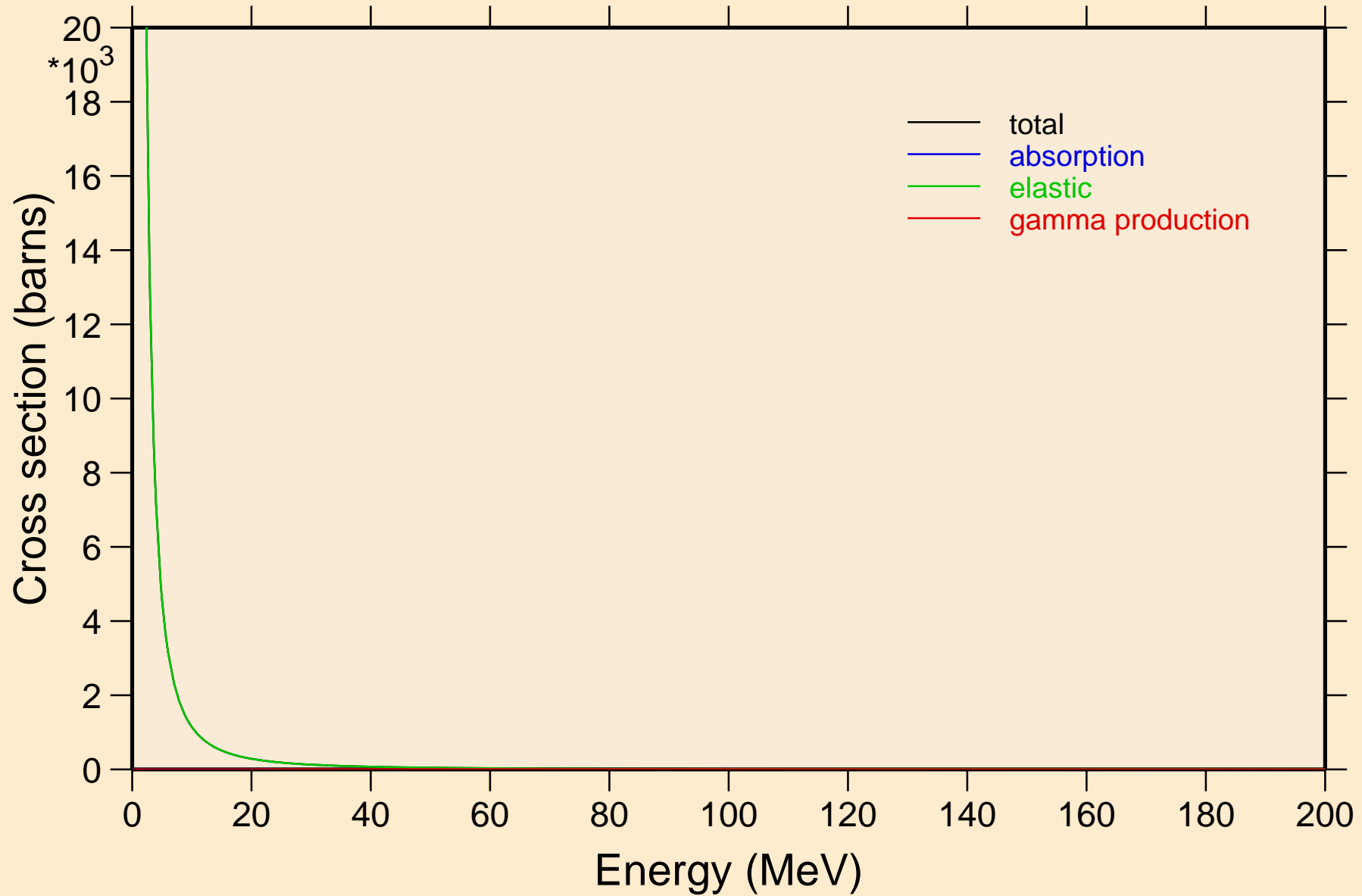


HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating

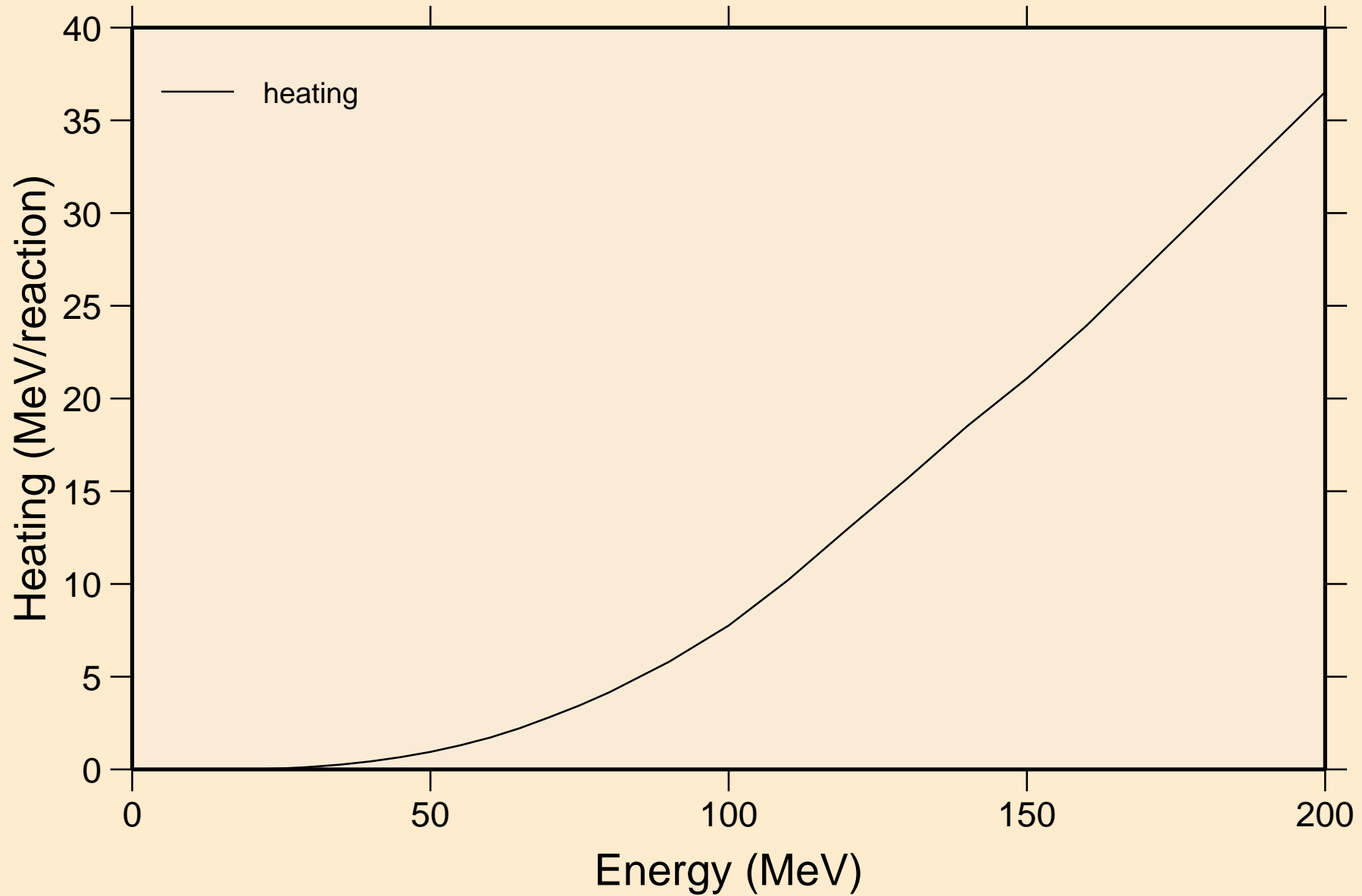


HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

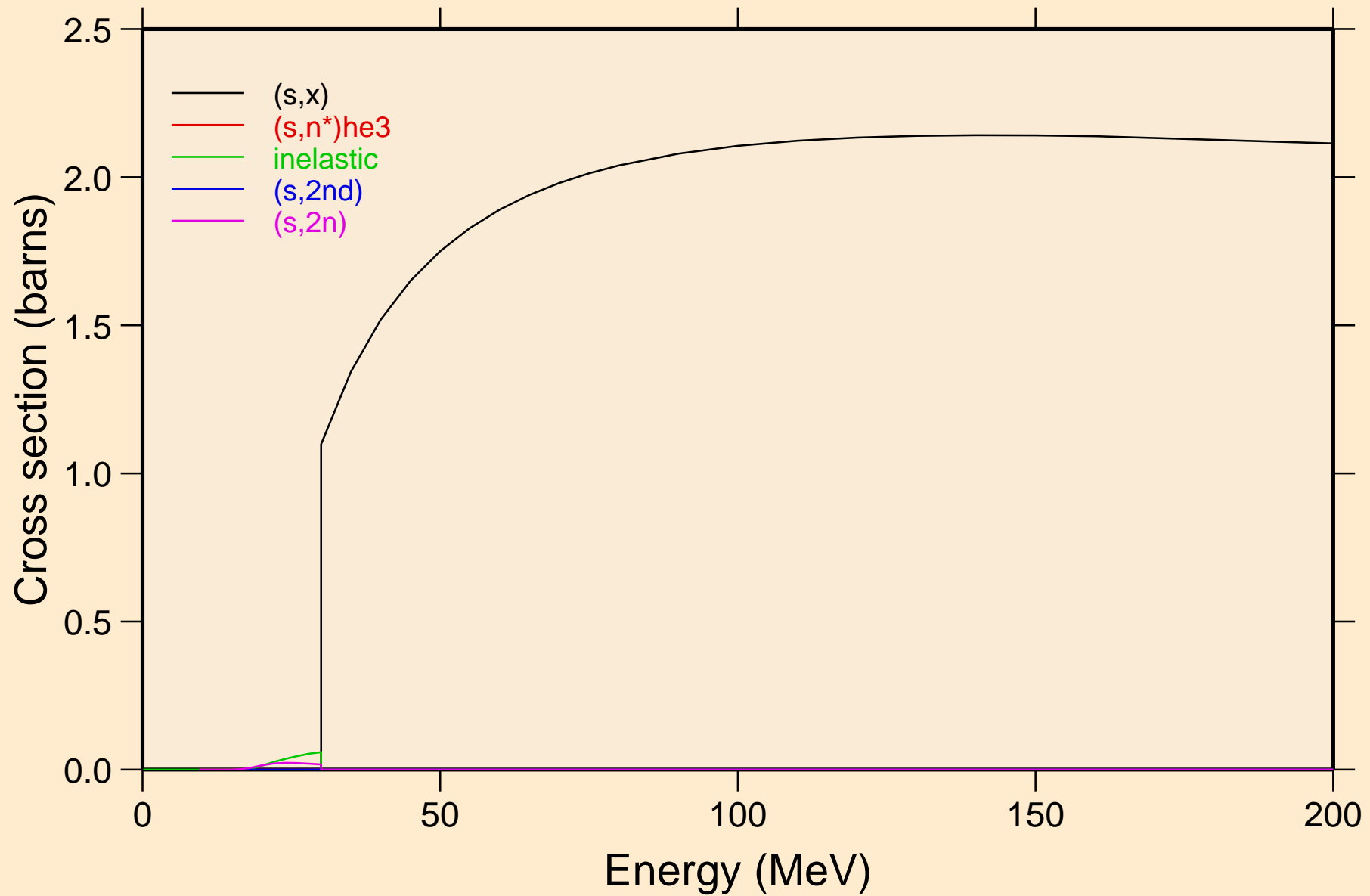


HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K

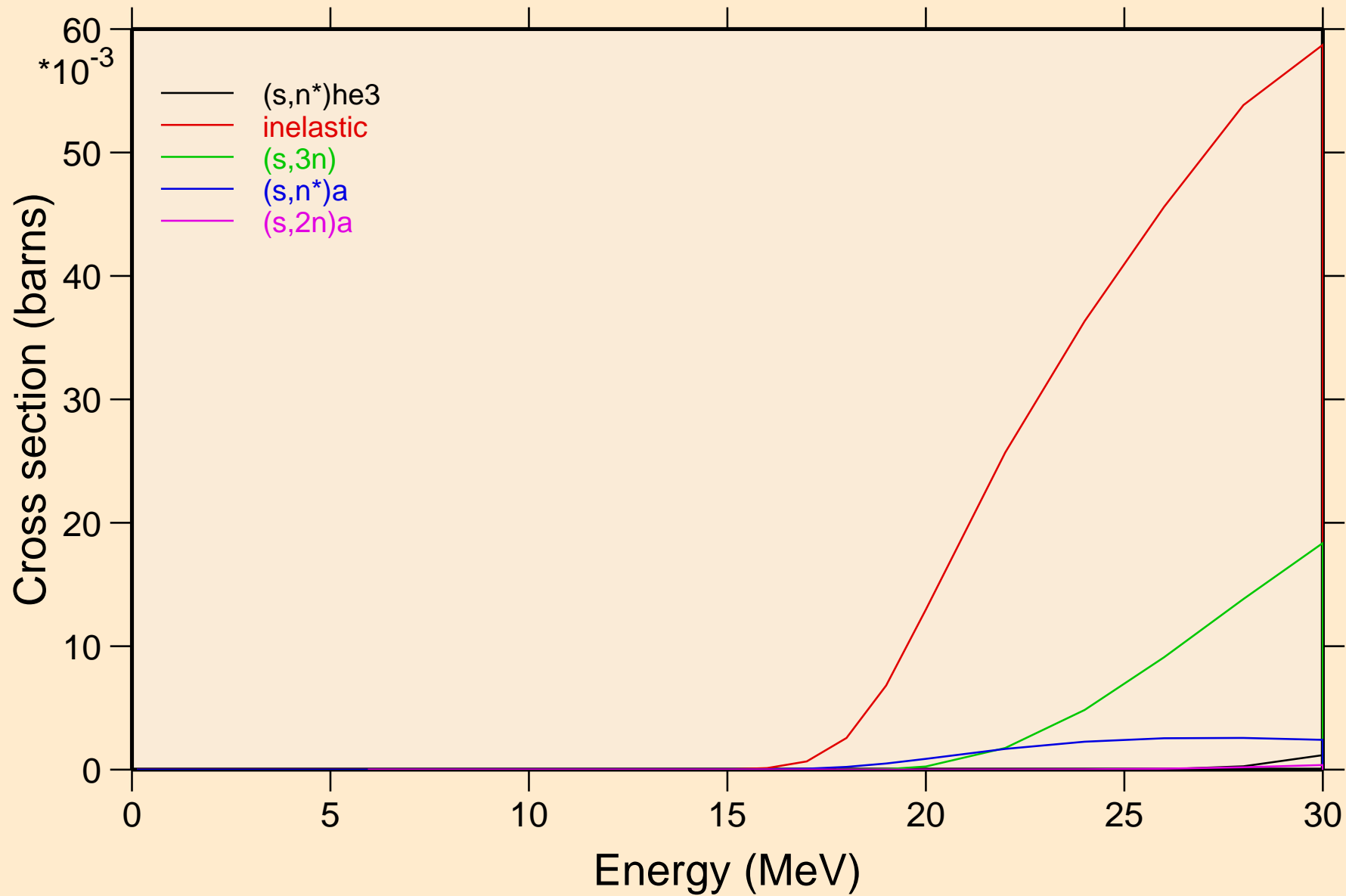
Heating



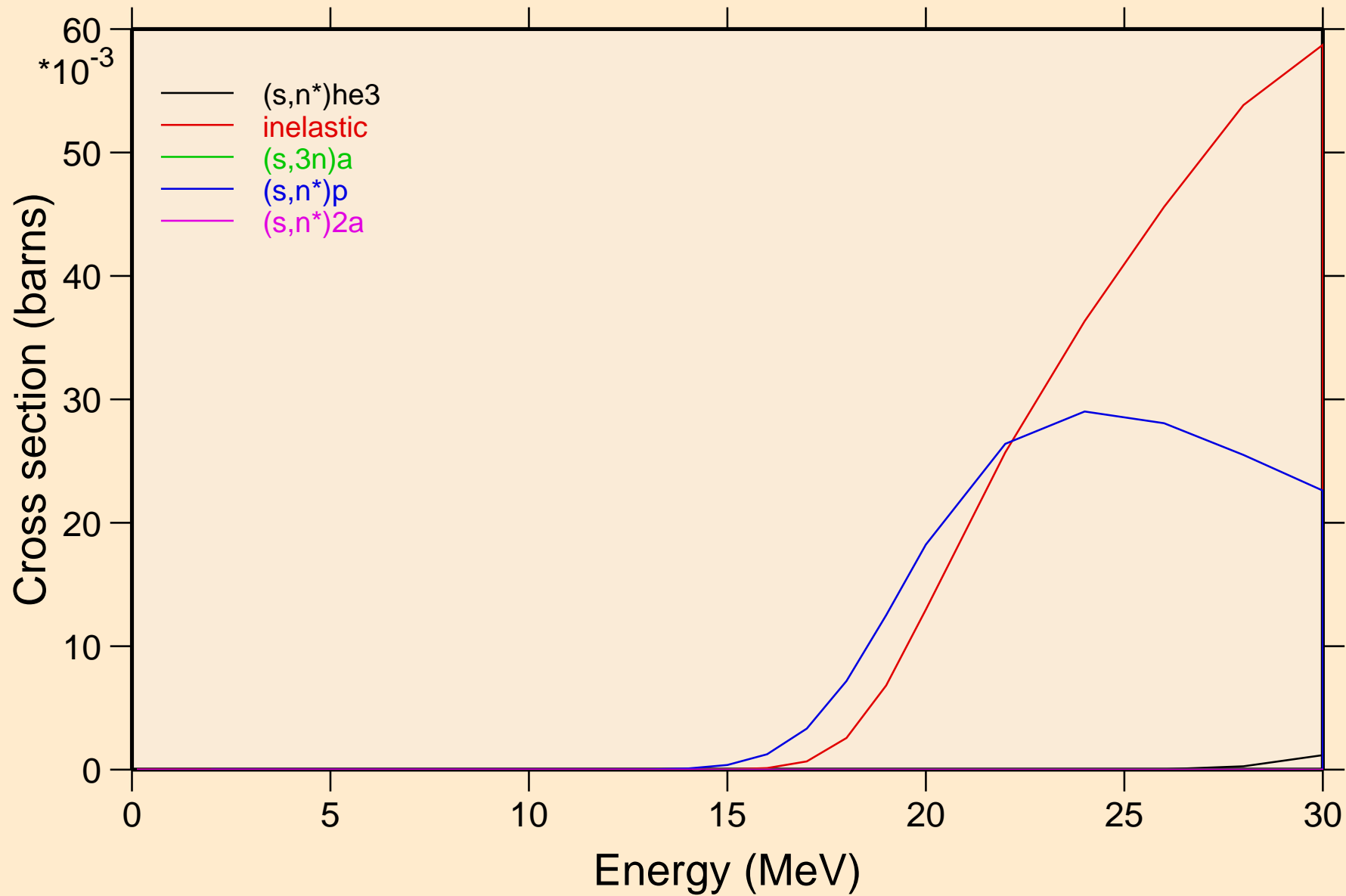
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

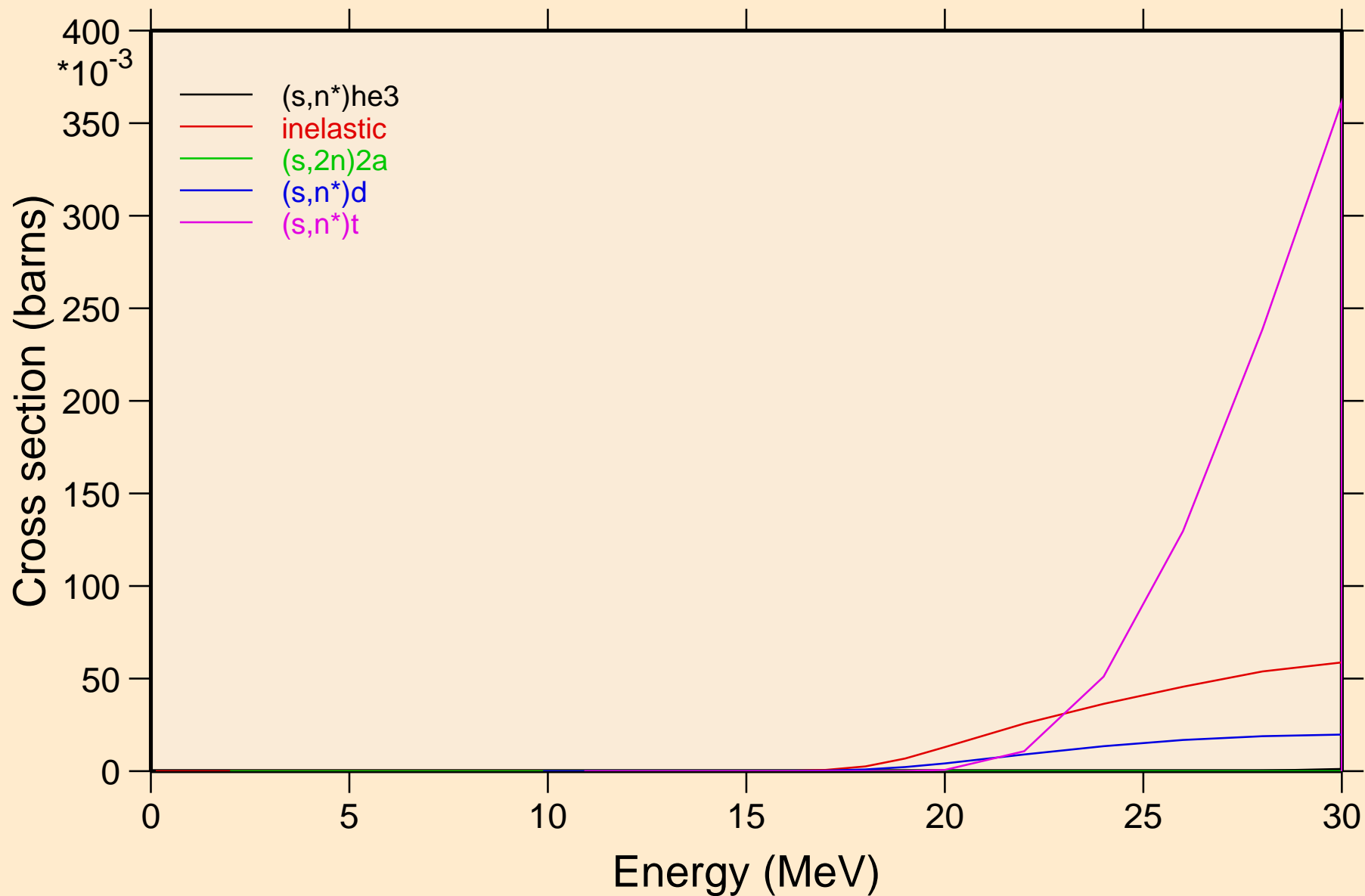


HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



# HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K

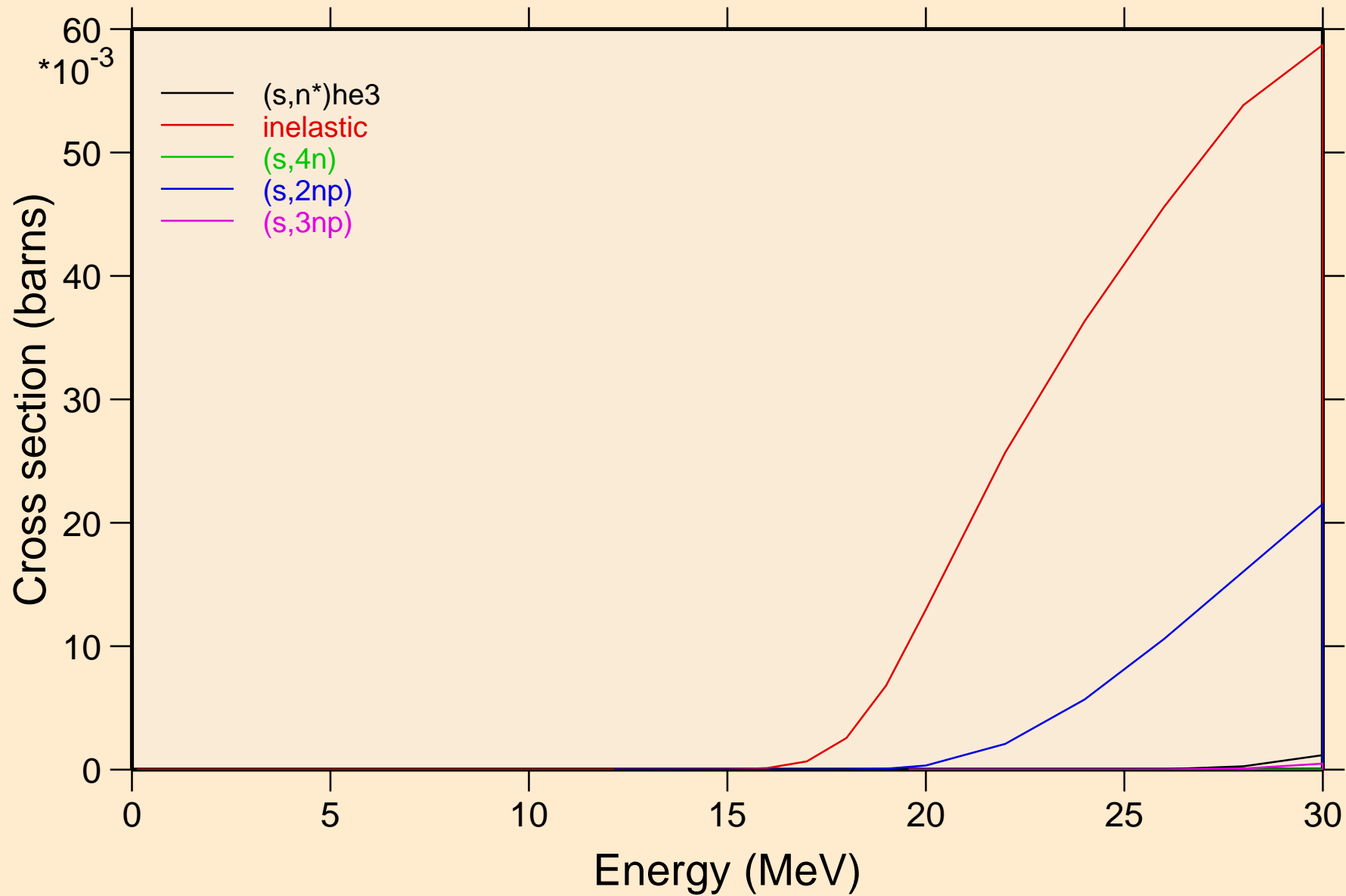
## Threshold reactions



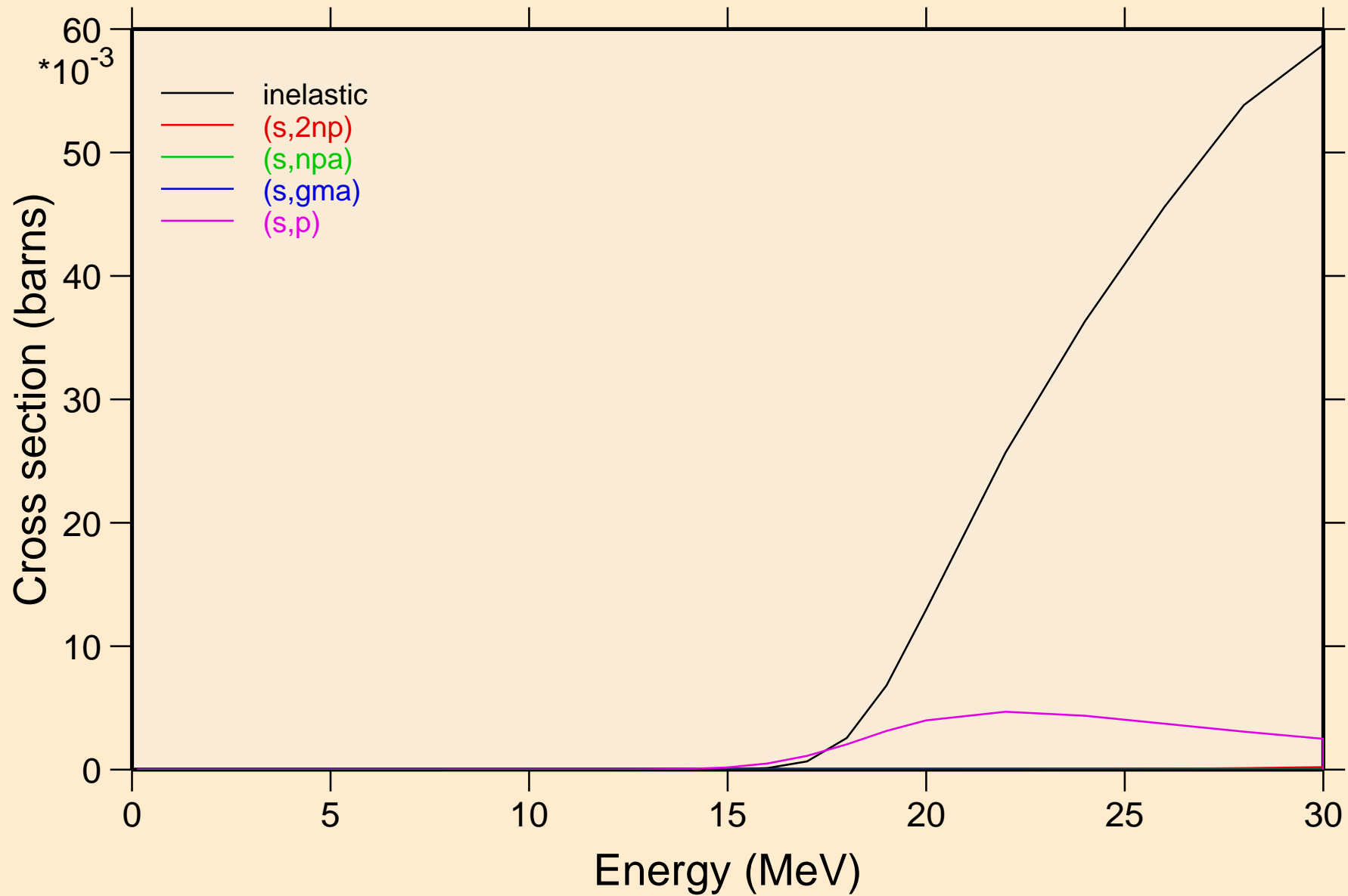


# HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K

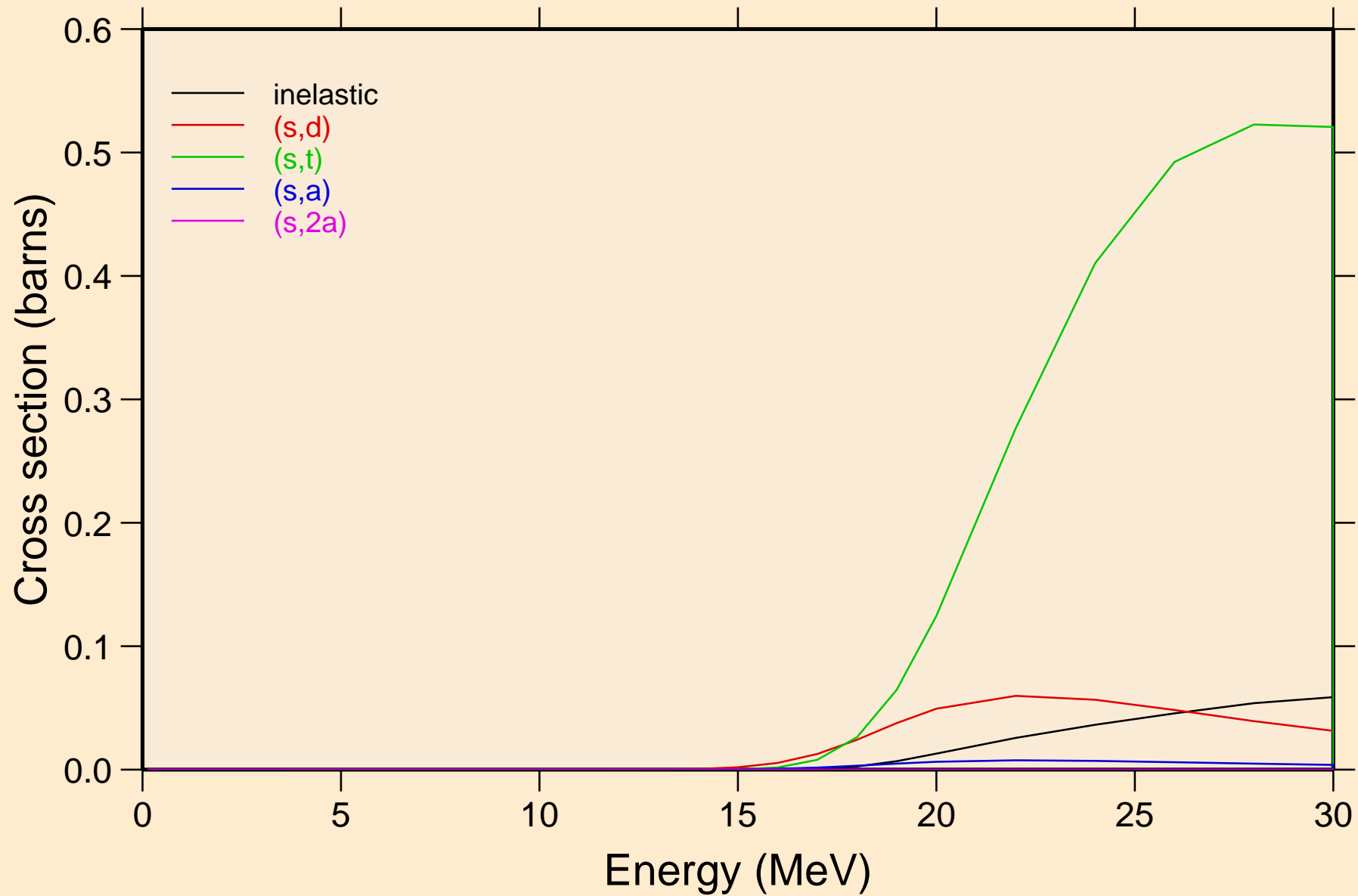
## Threshold reactions



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

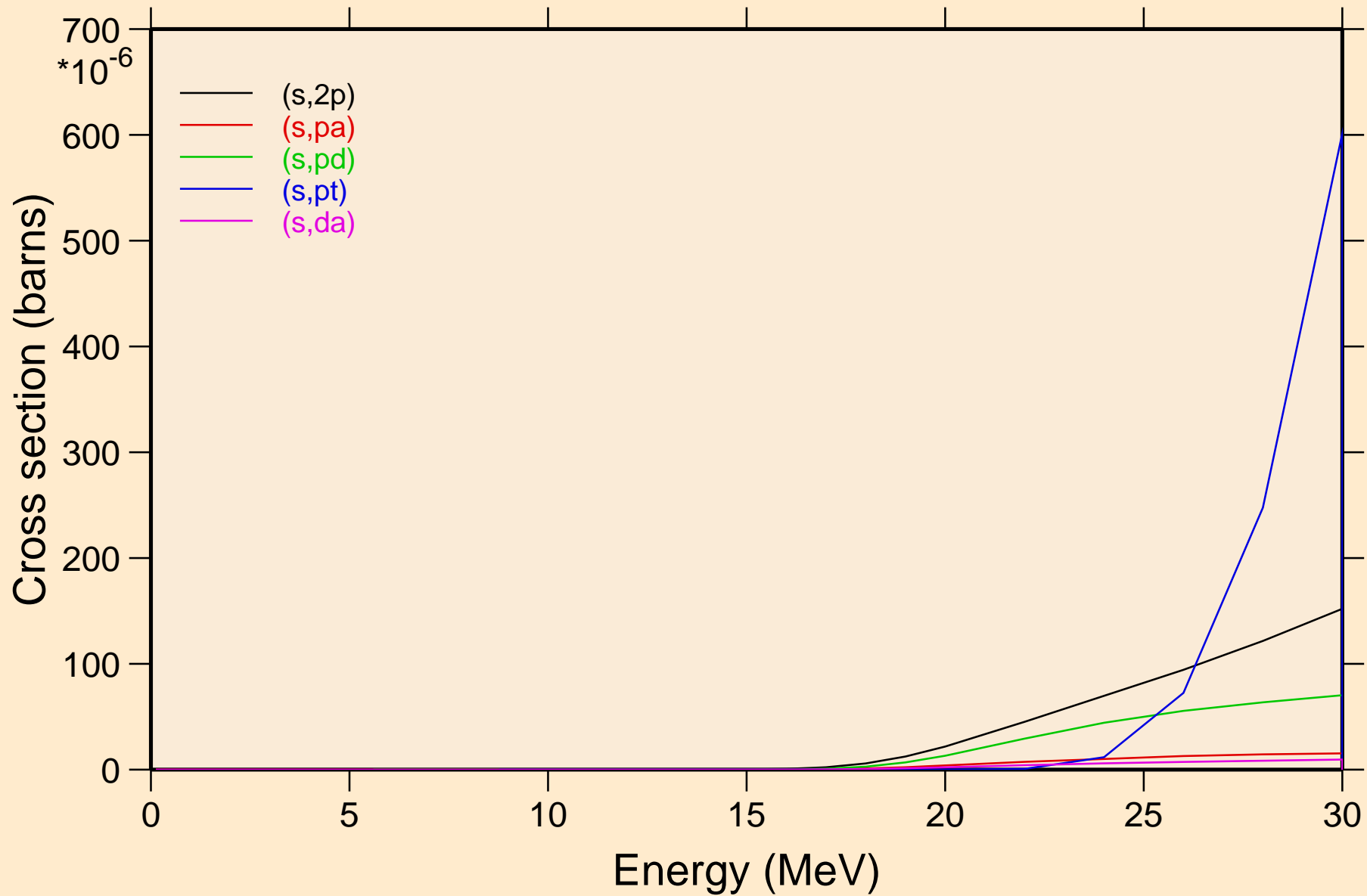


HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

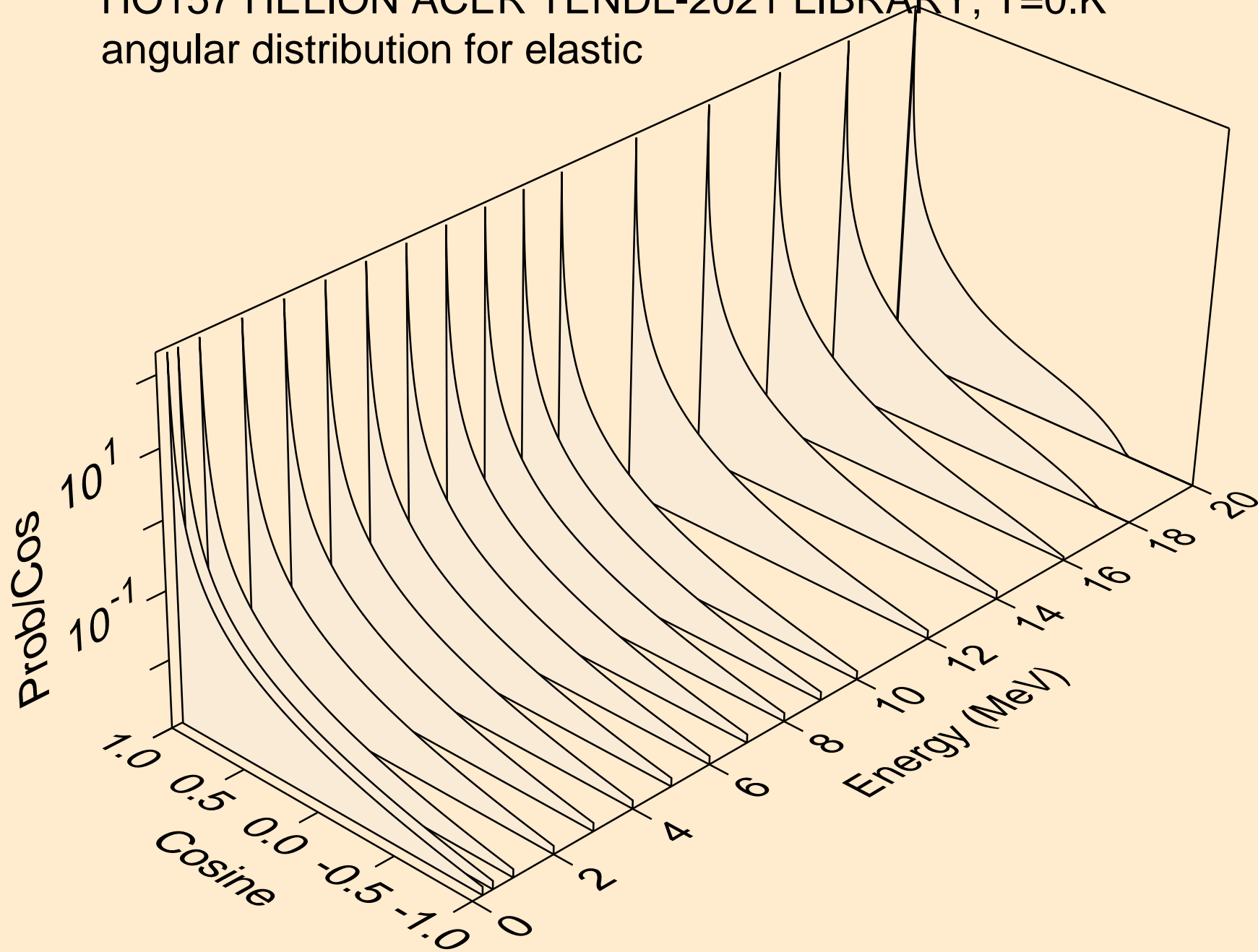


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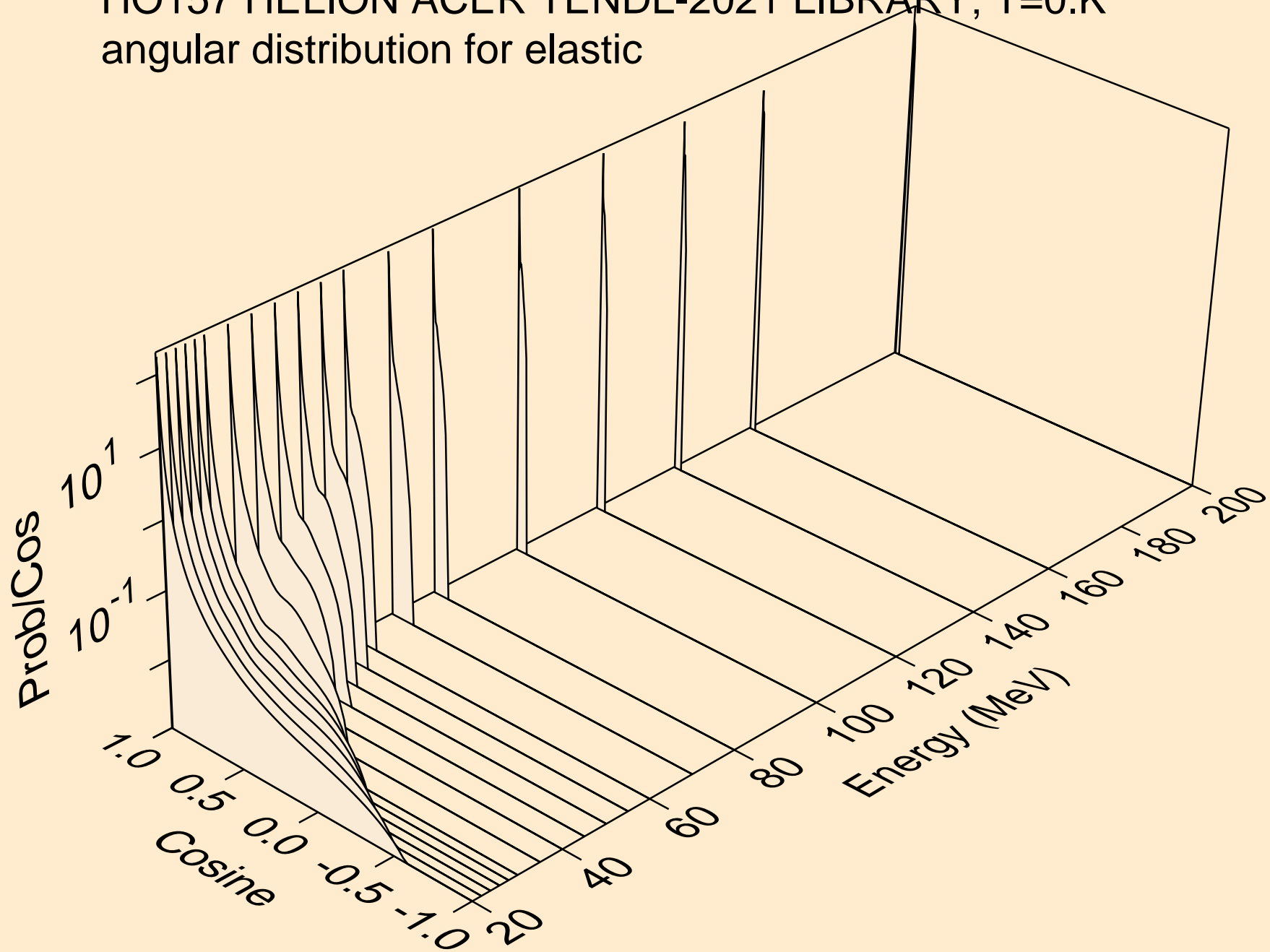
## Threshold reactions



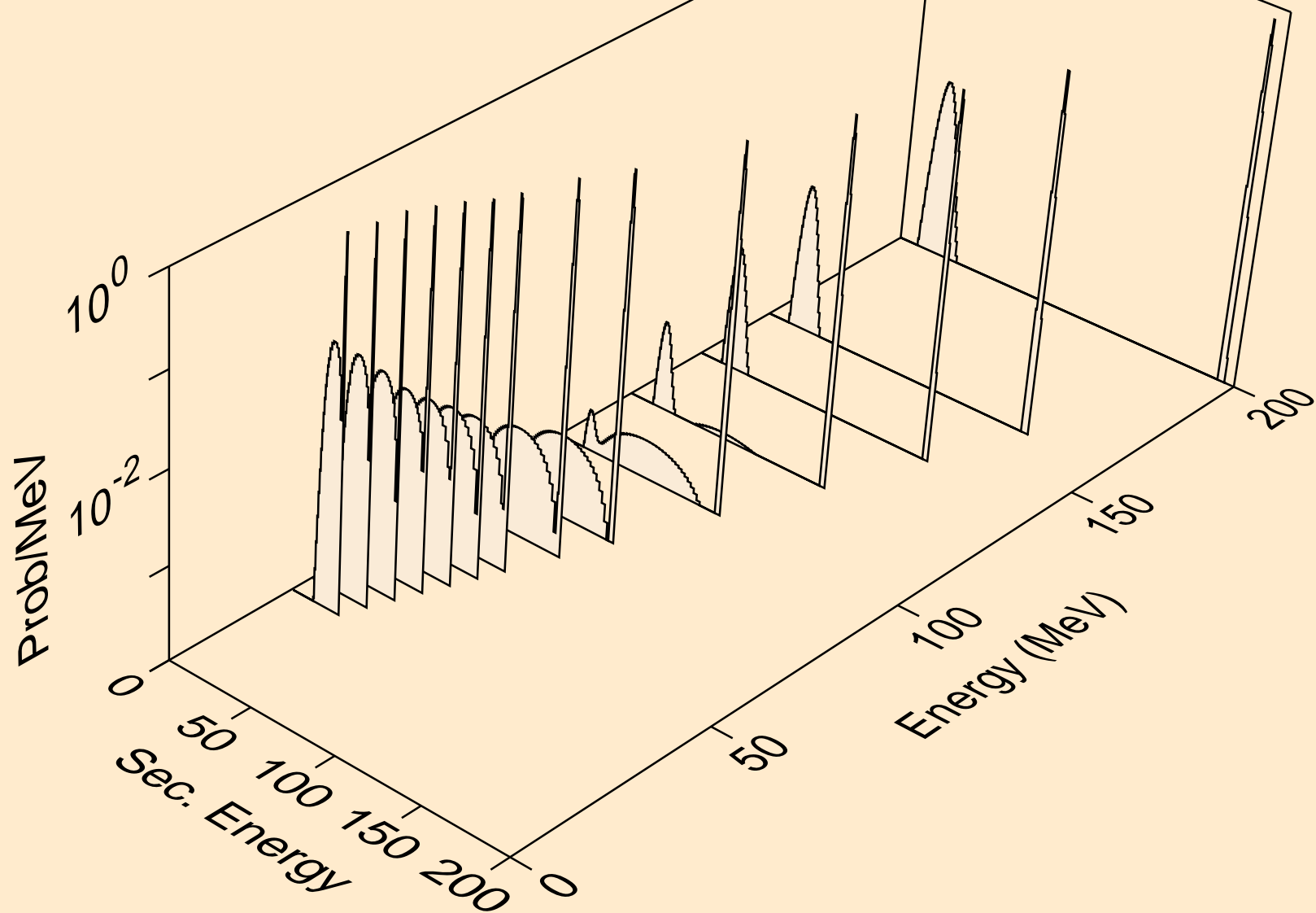
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



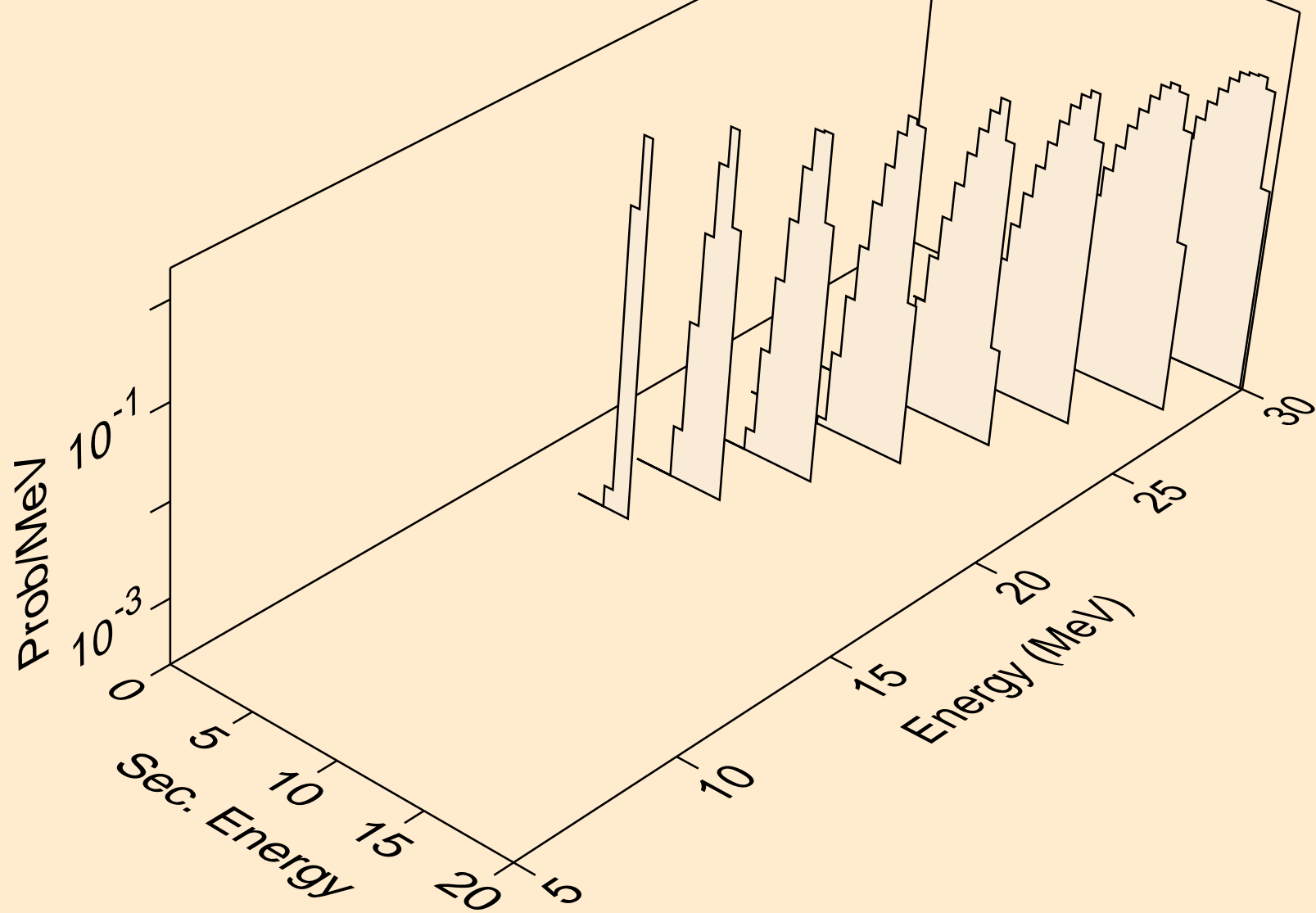
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

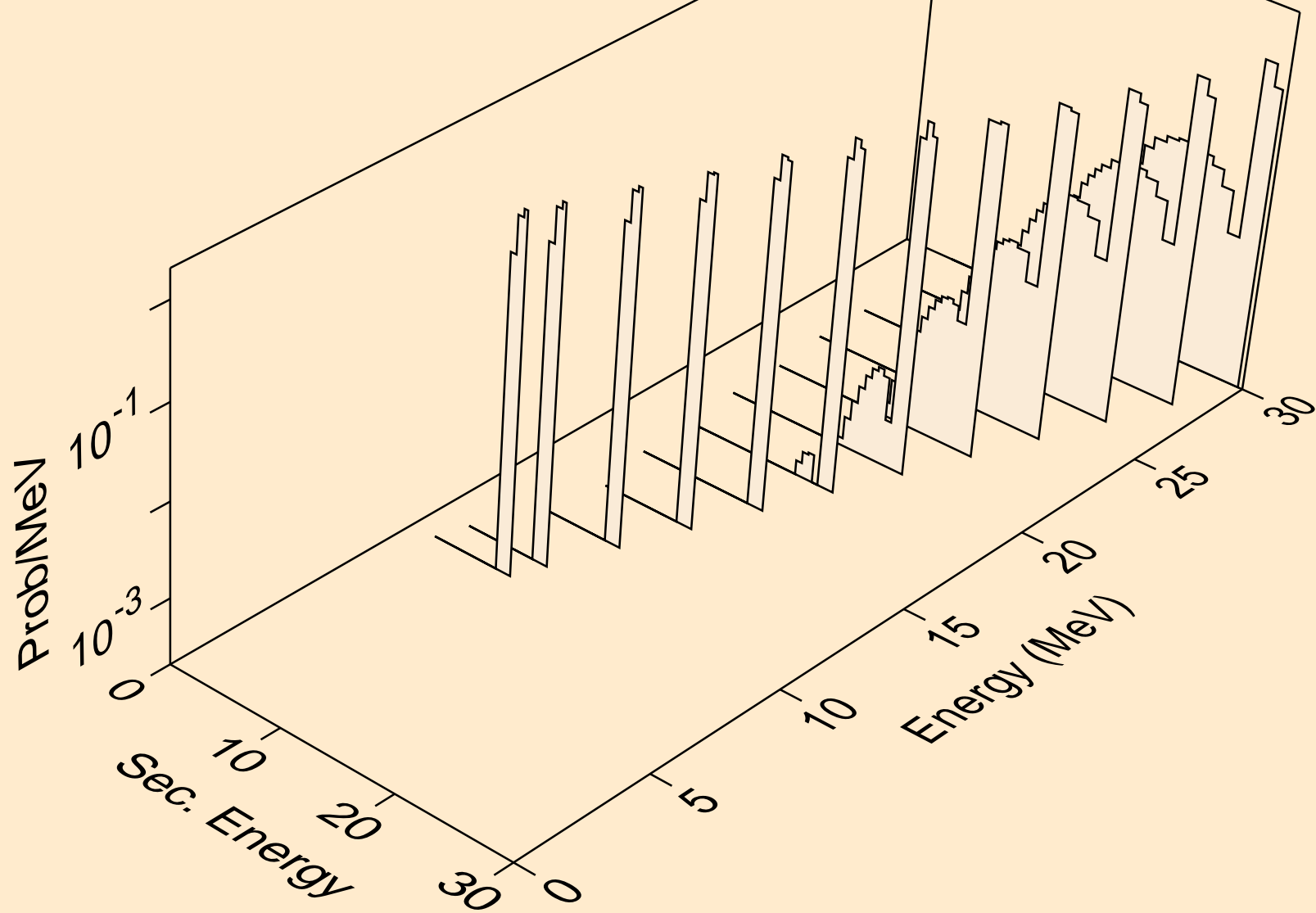


HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

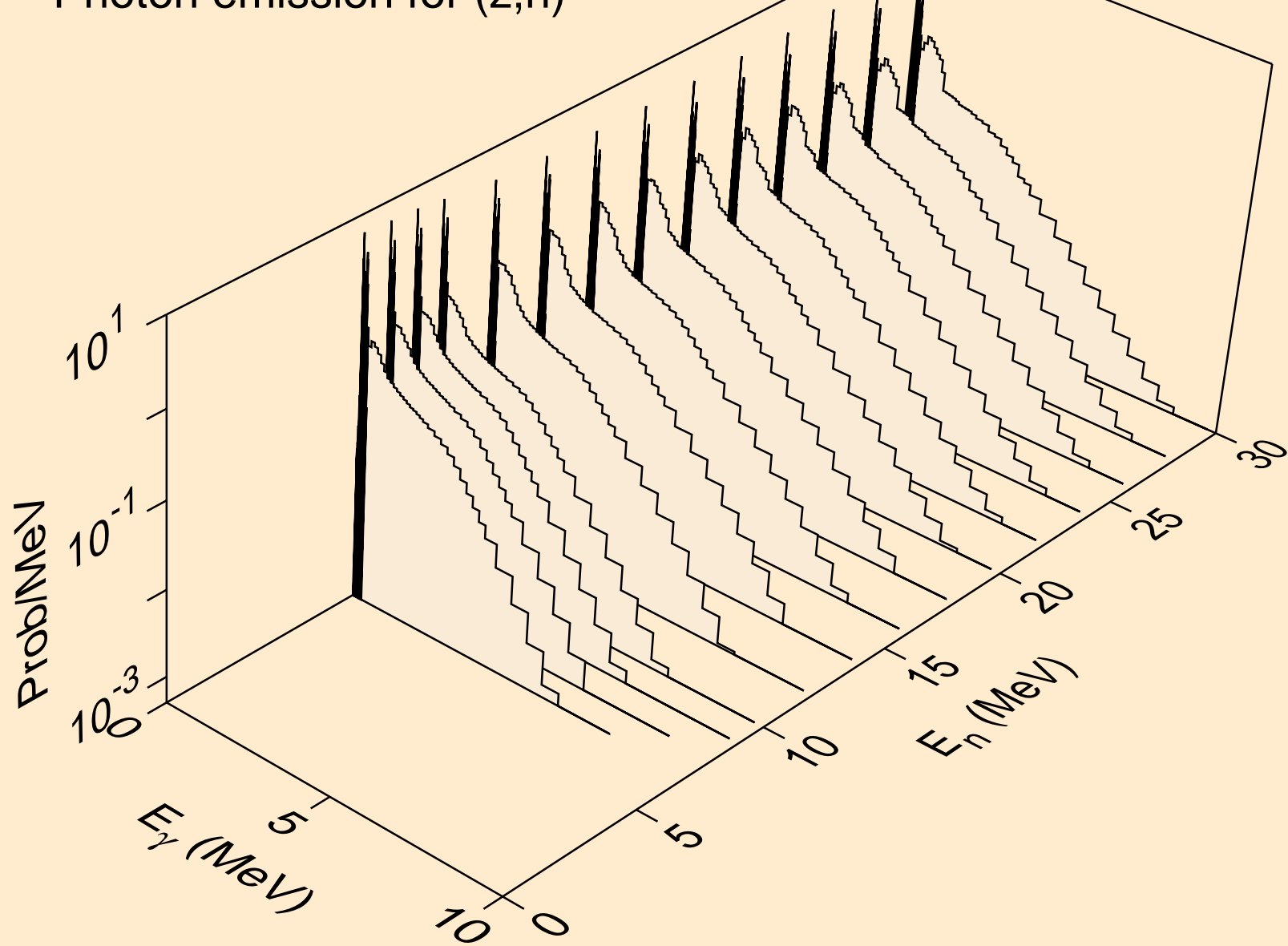




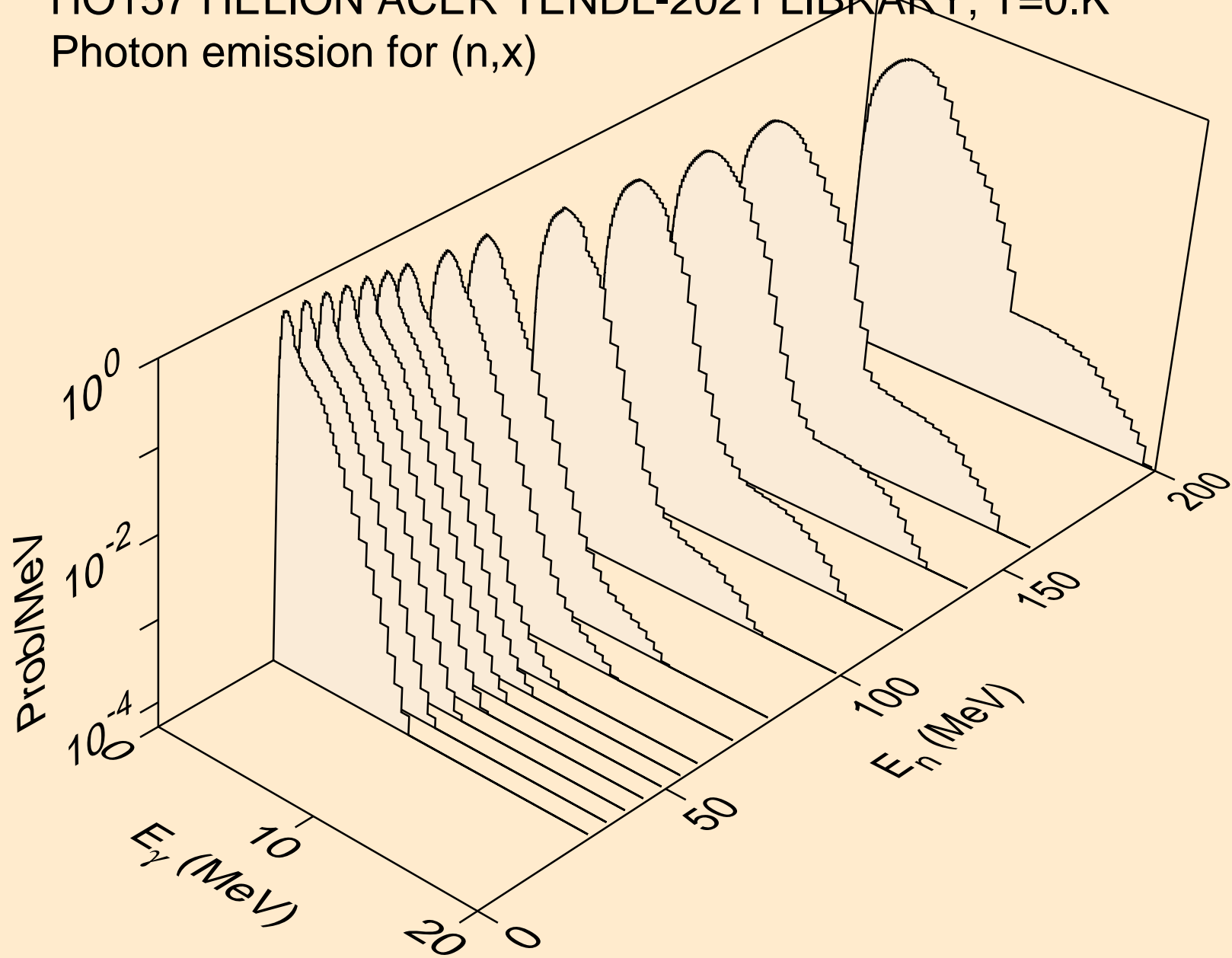
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



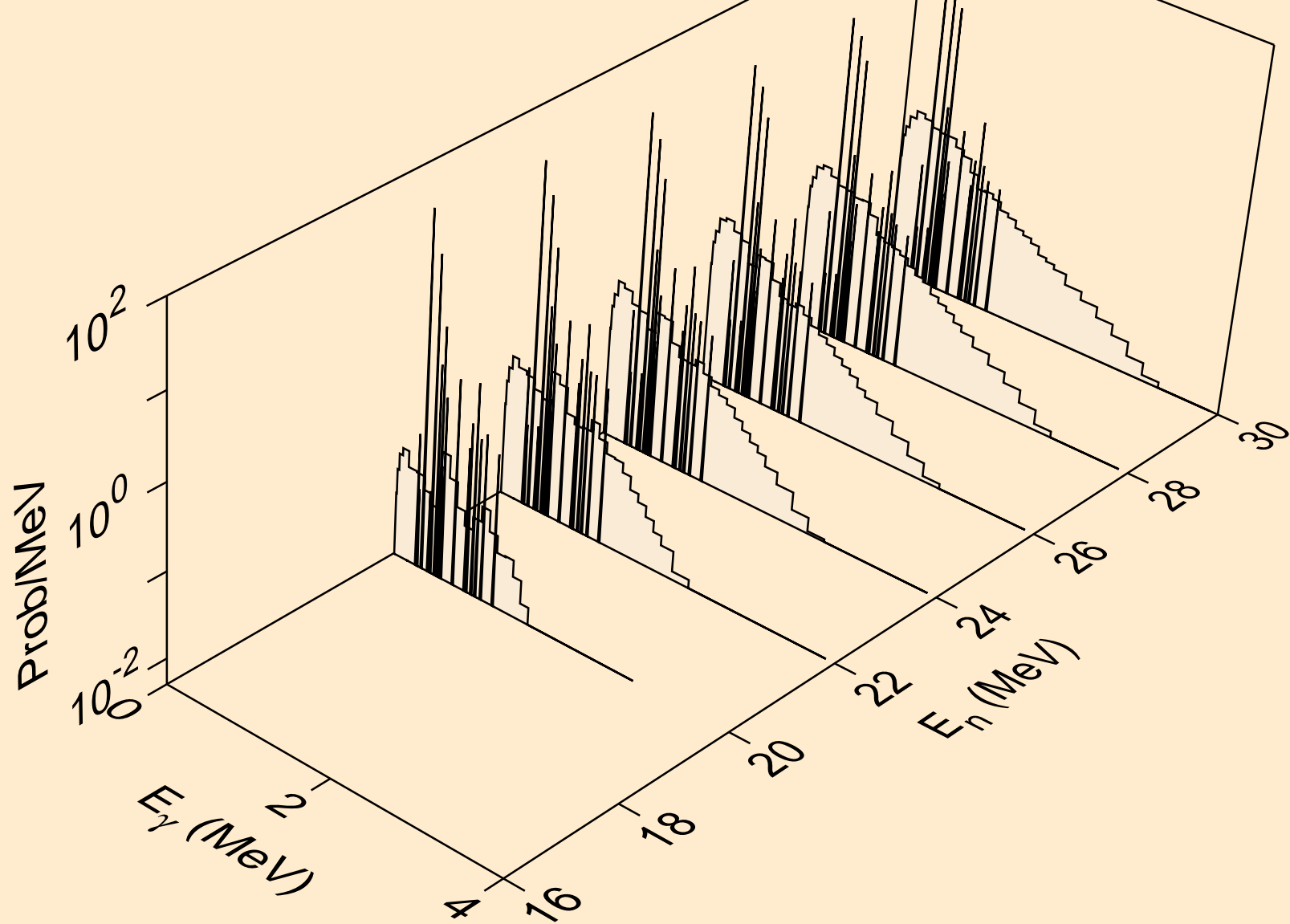
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



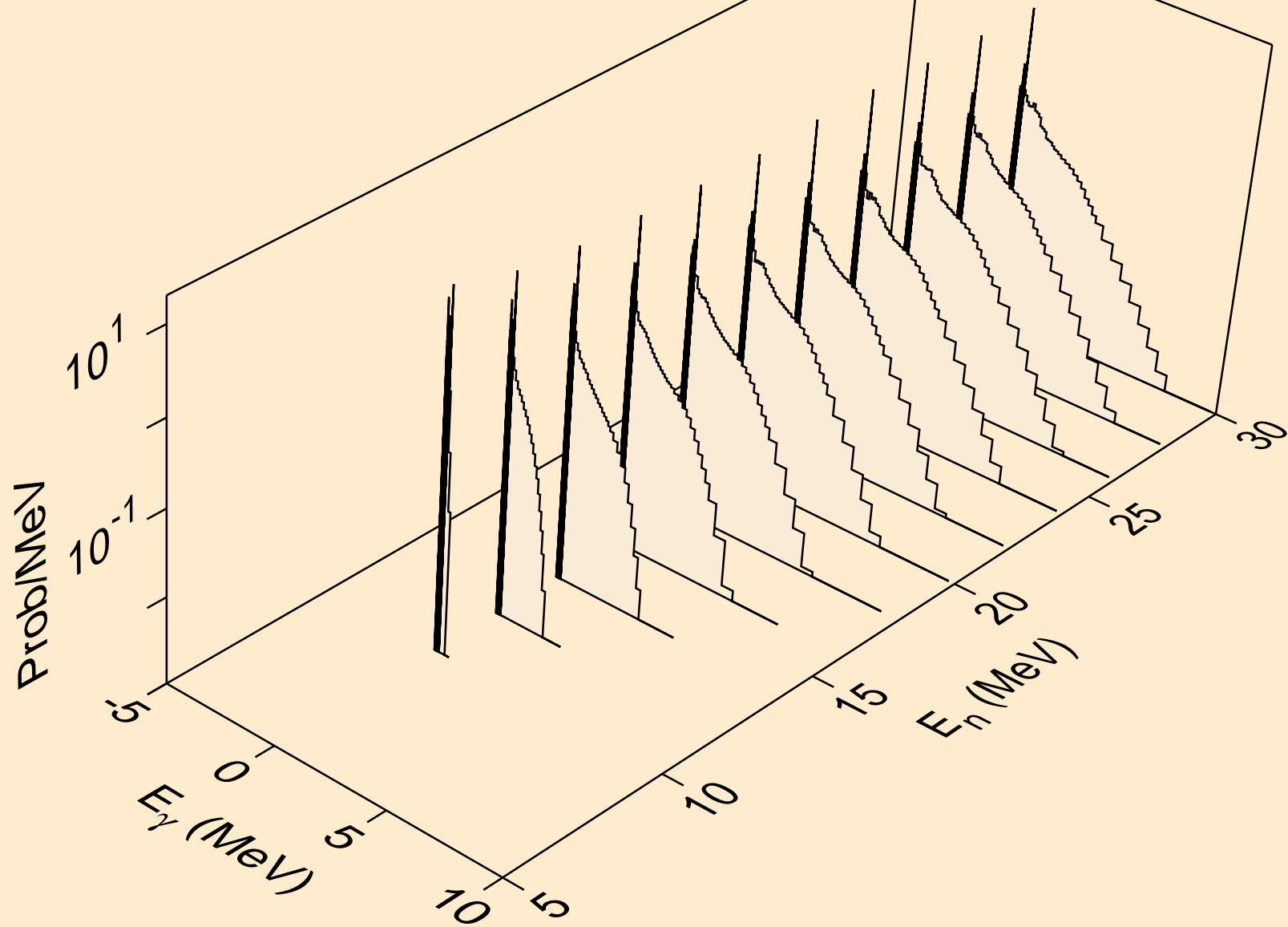
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



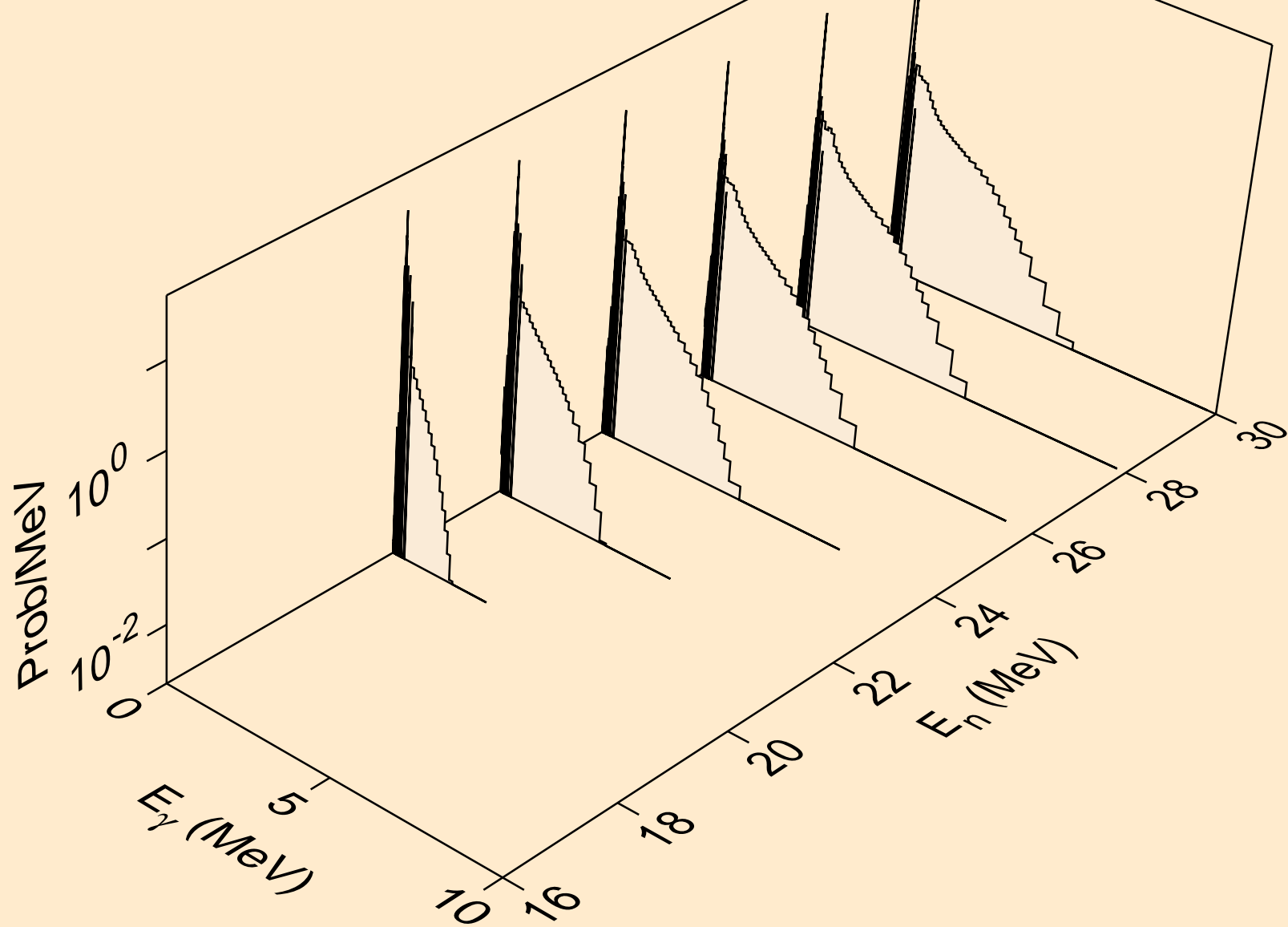
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



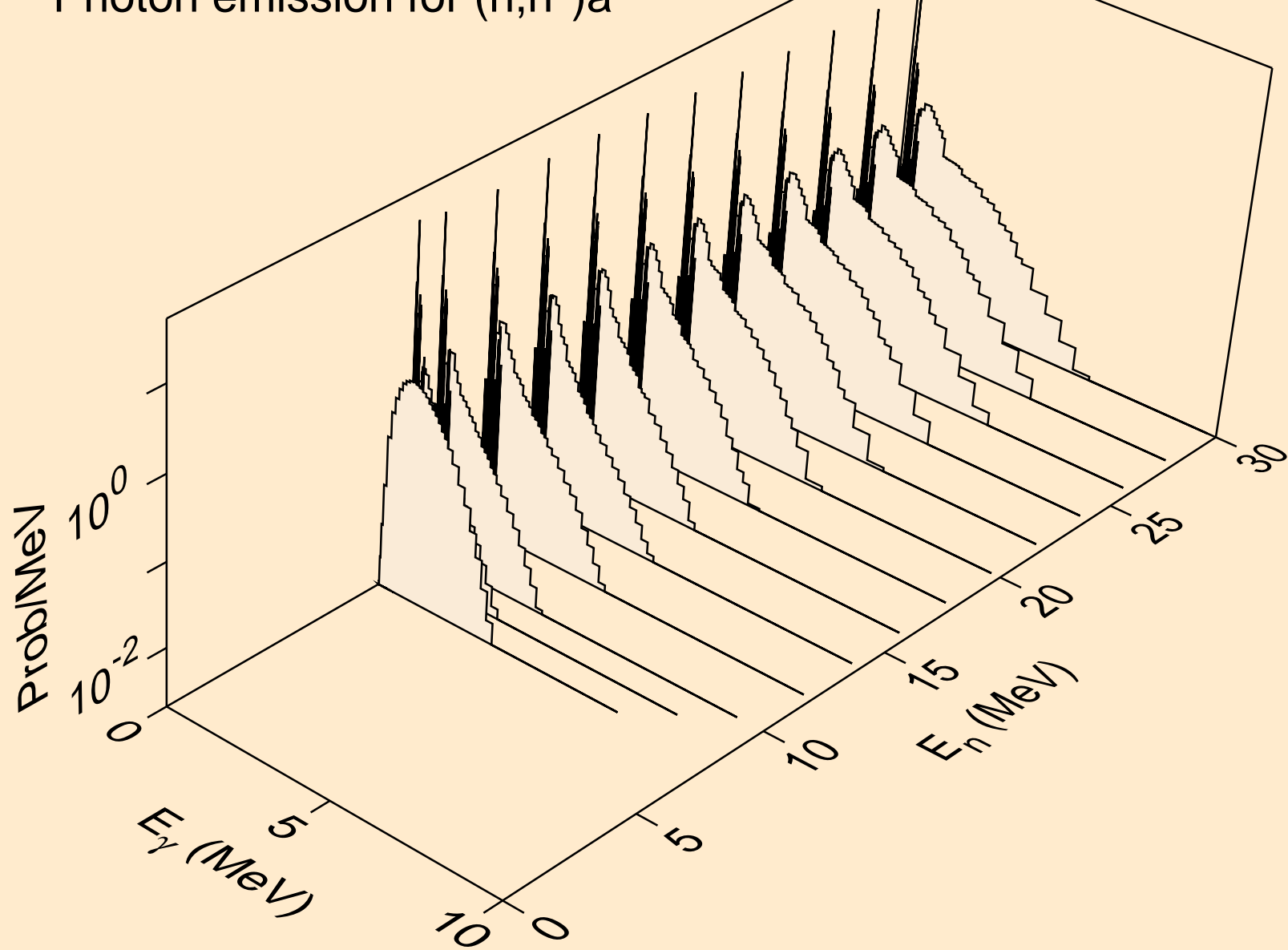
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



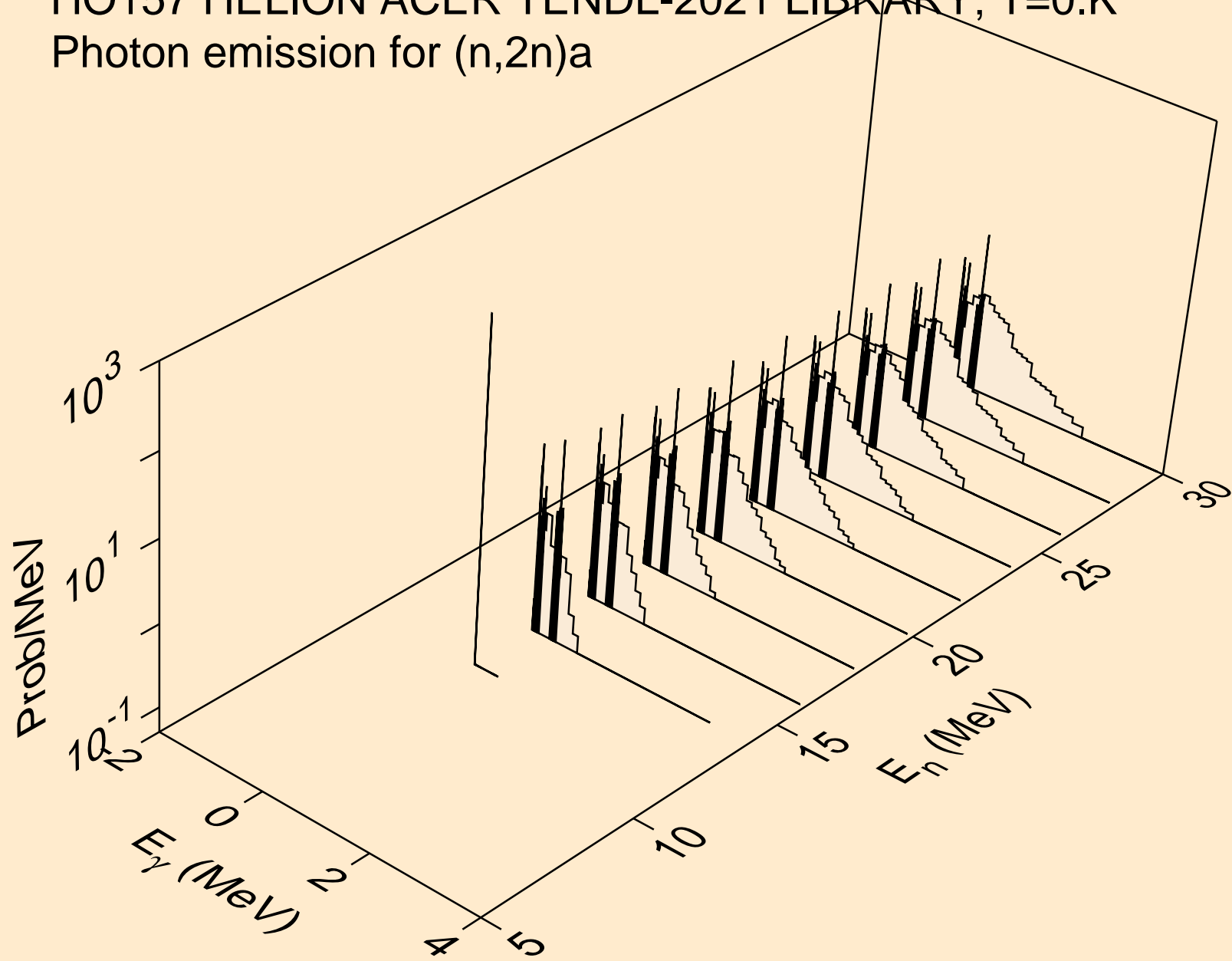
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

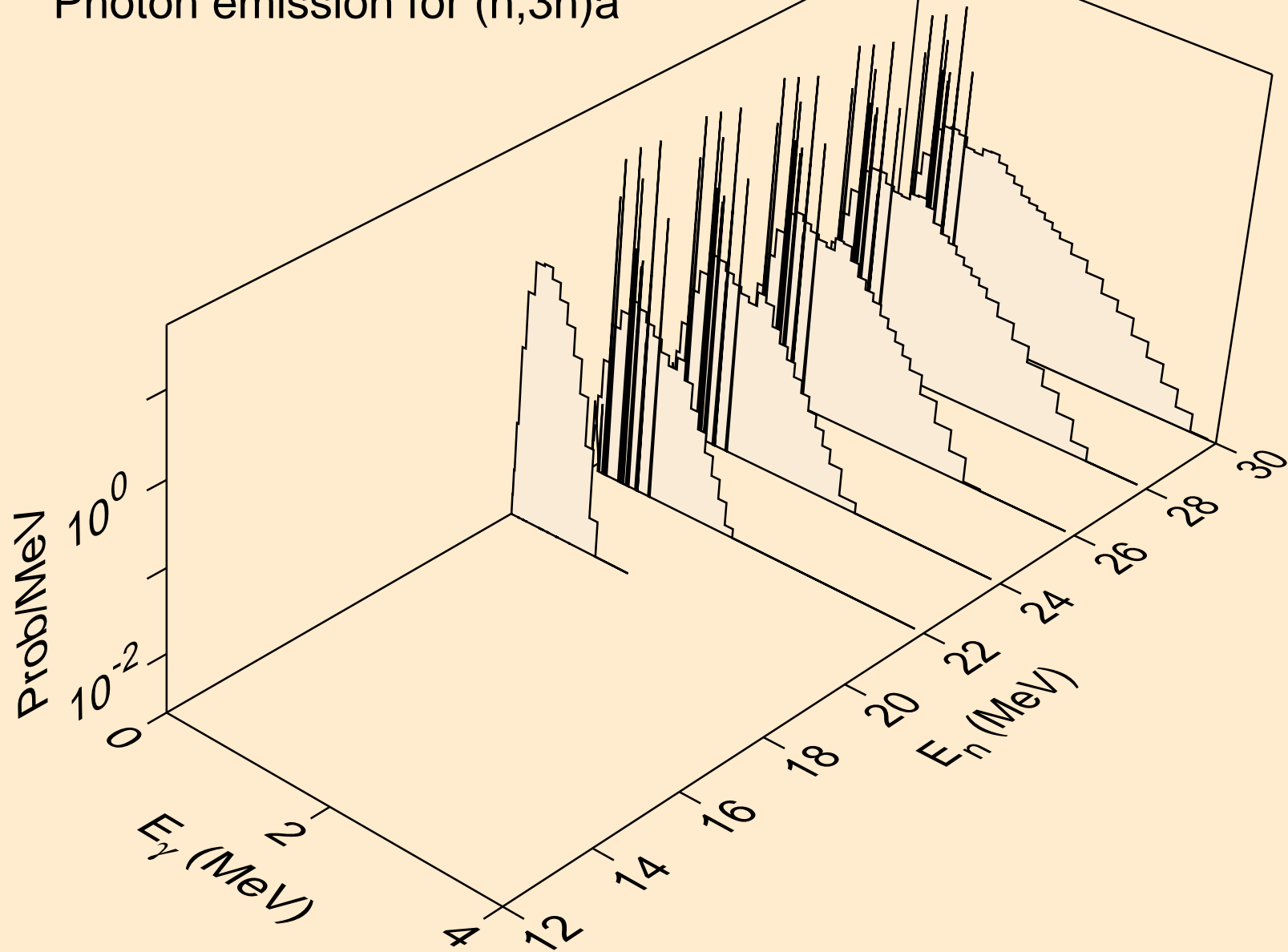


HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

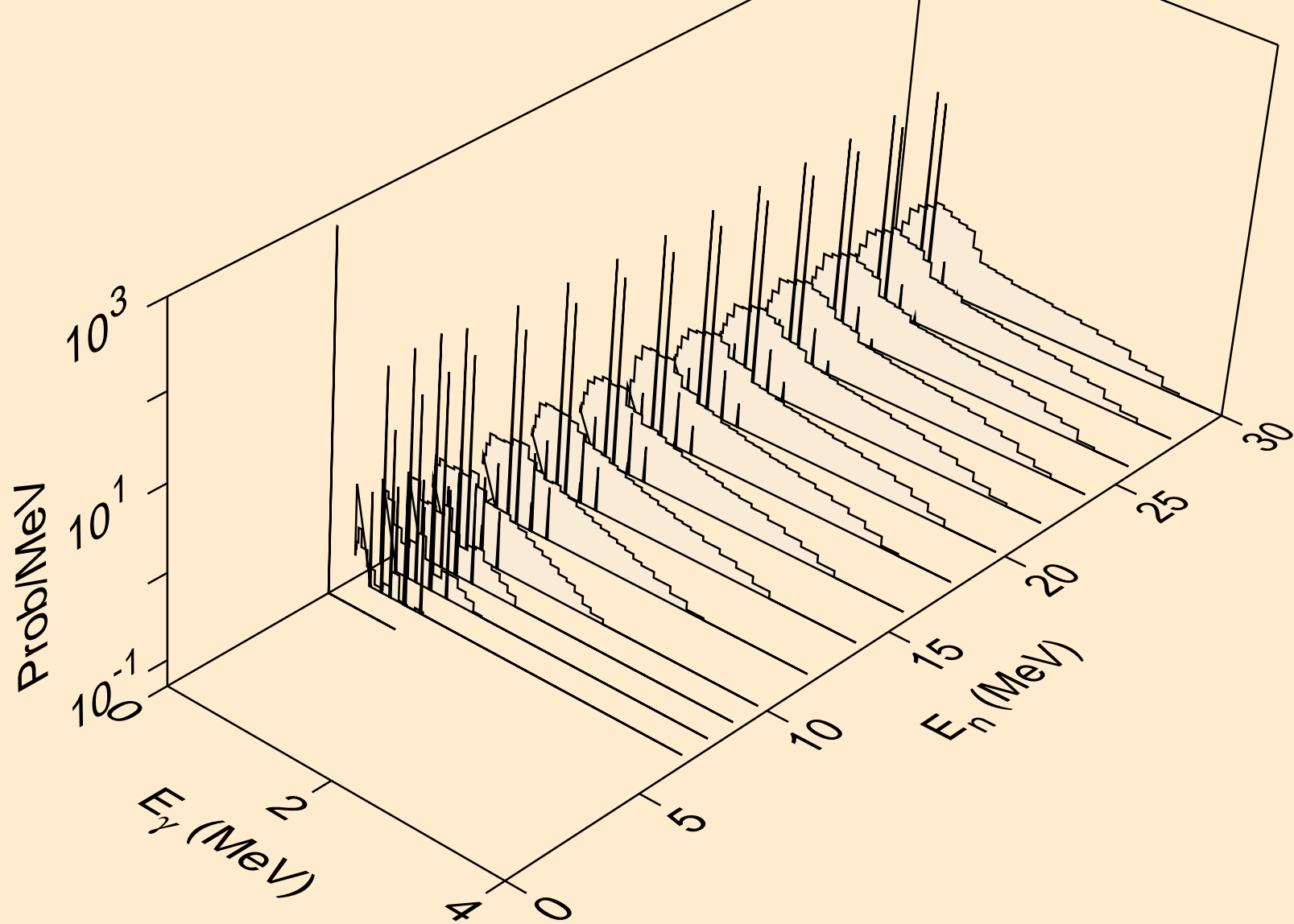




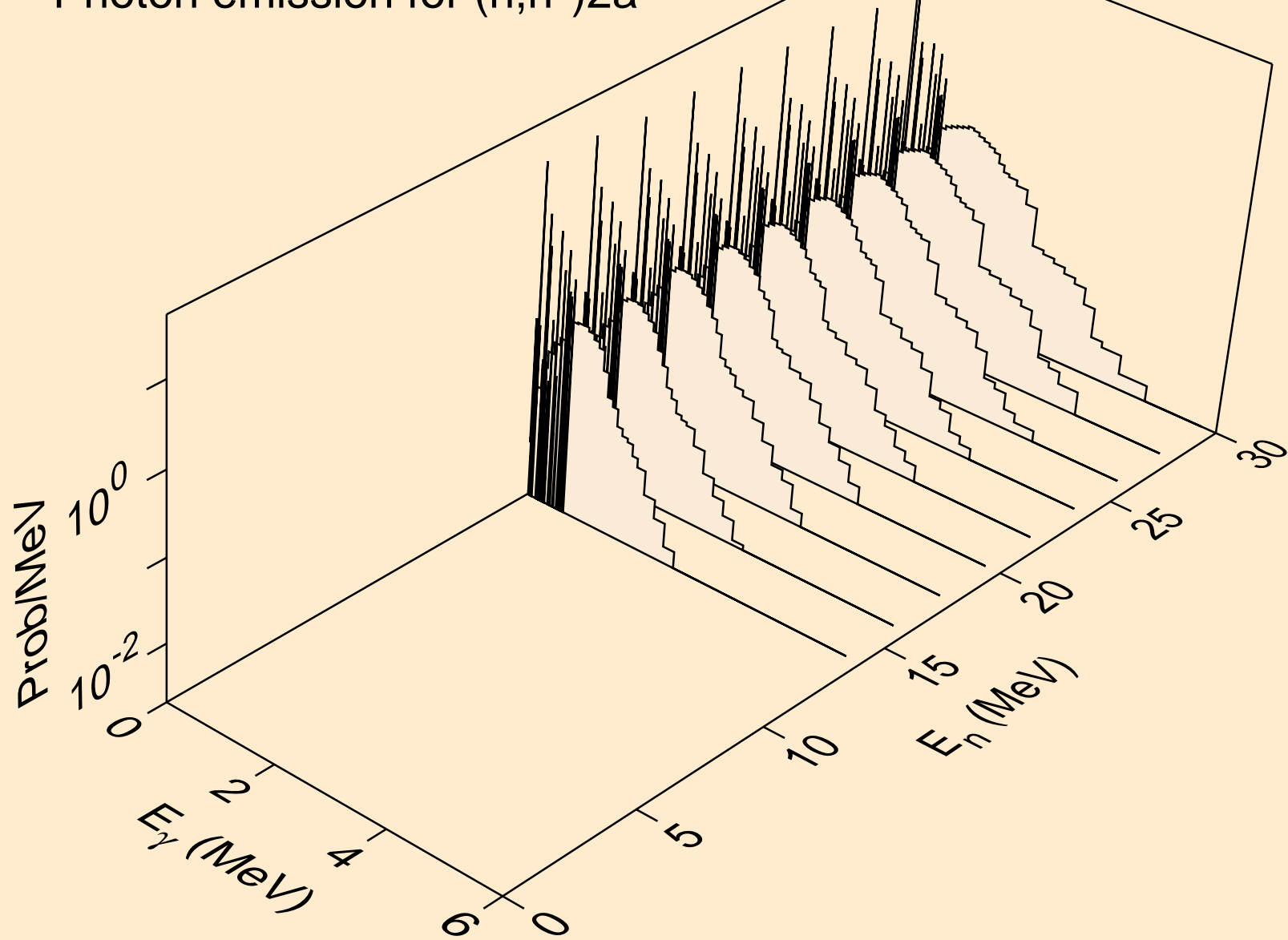
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



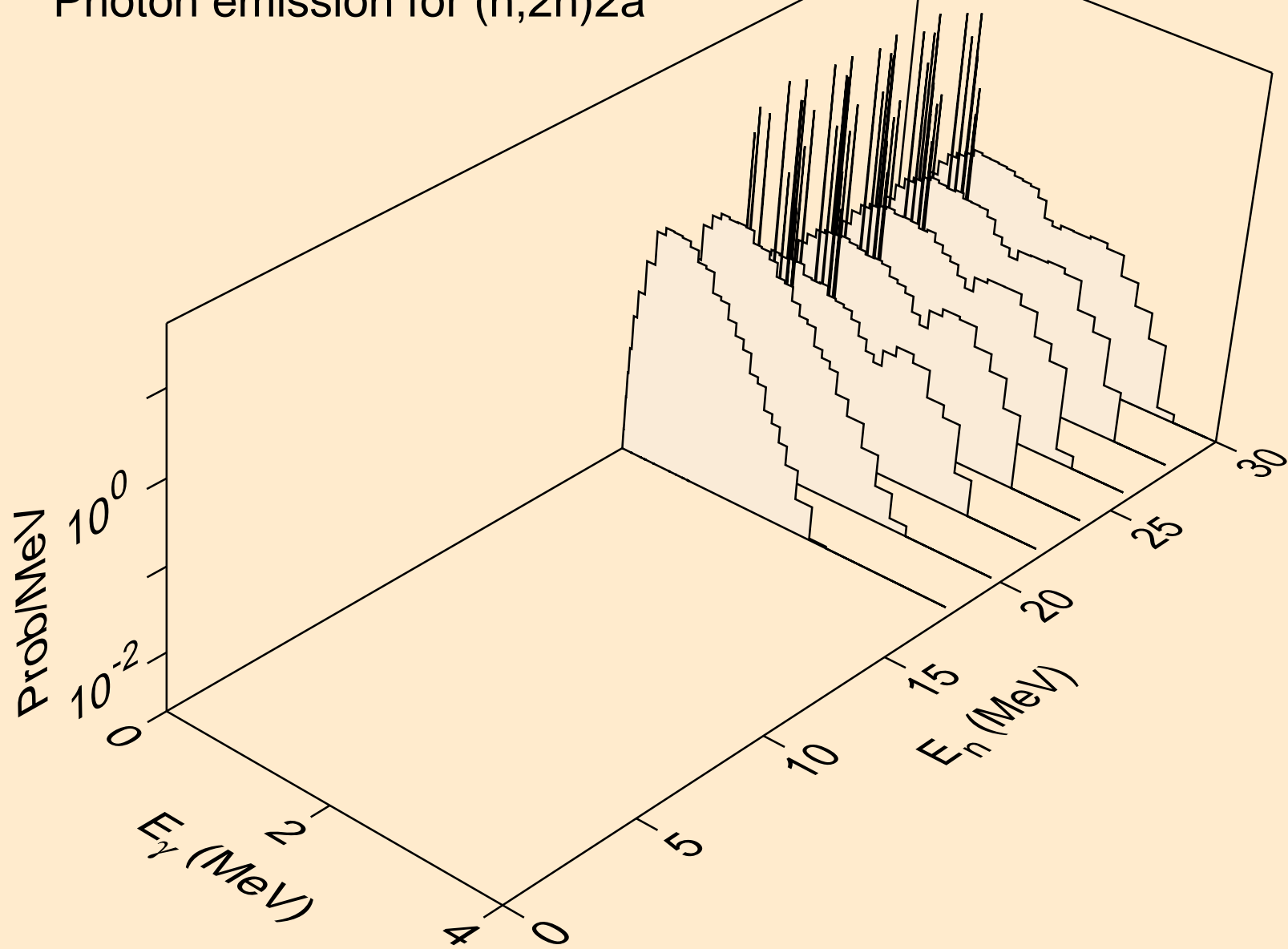
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



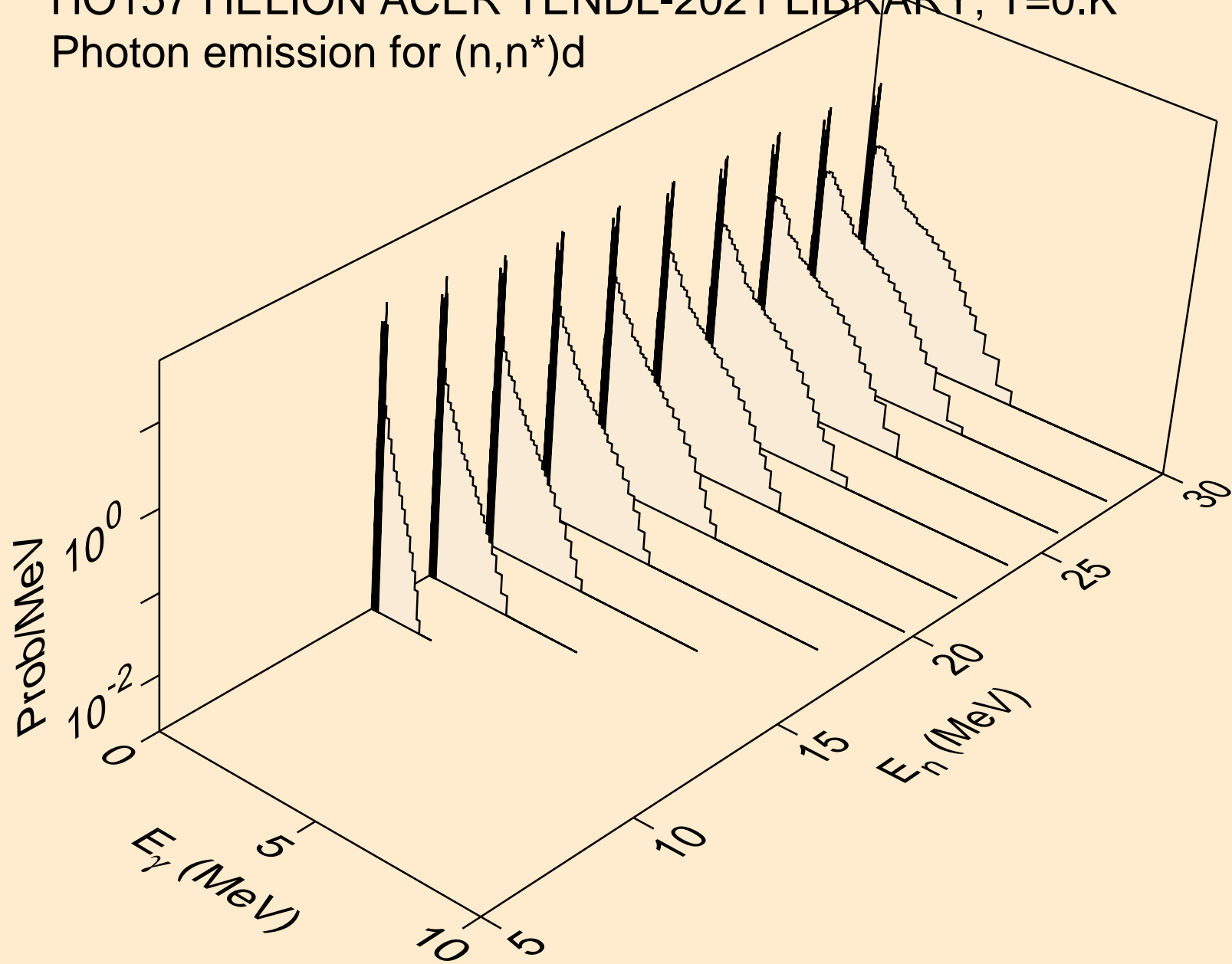
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Photon emission for (n,n\*)2a



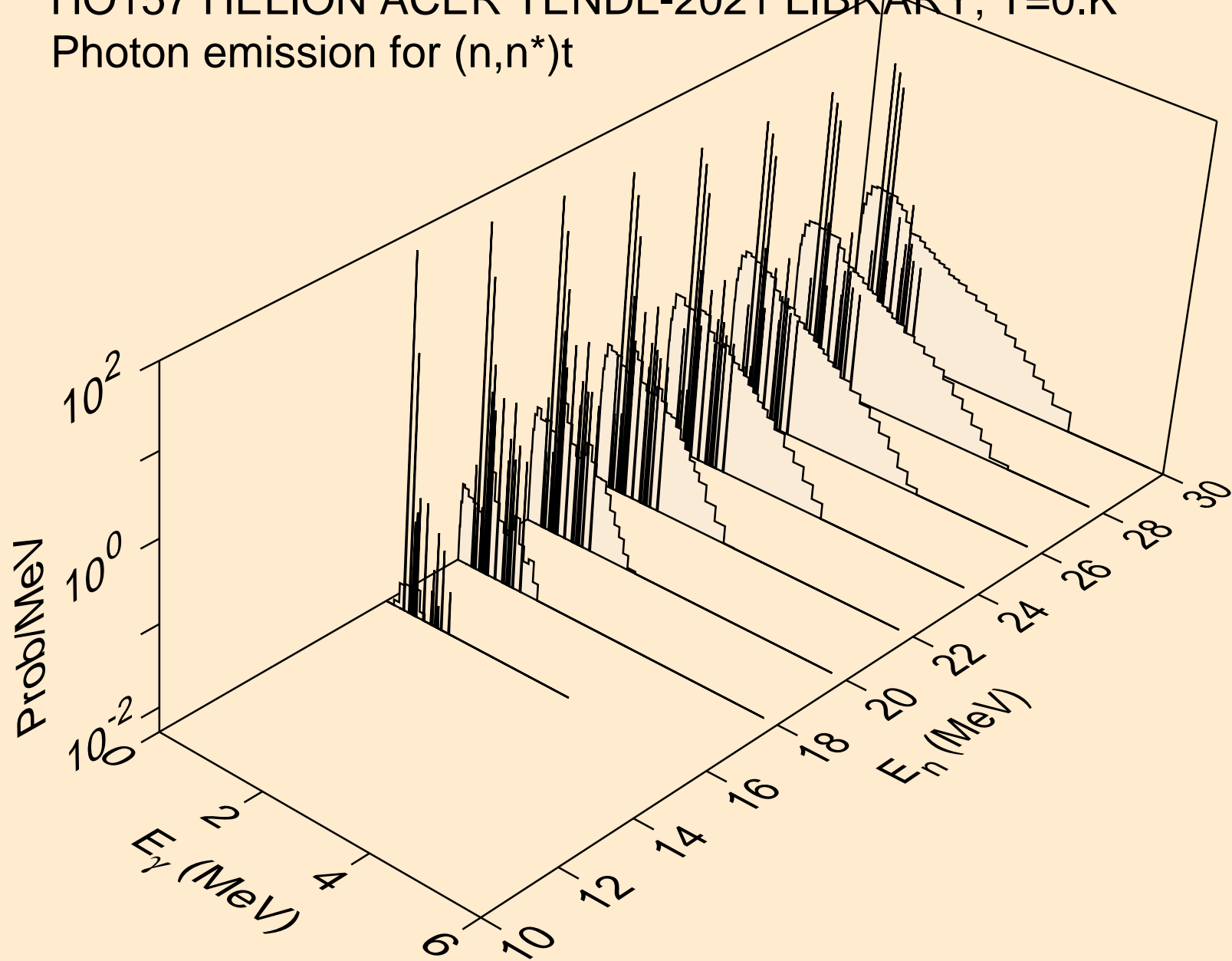
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Photon emission for (n,2n)2a



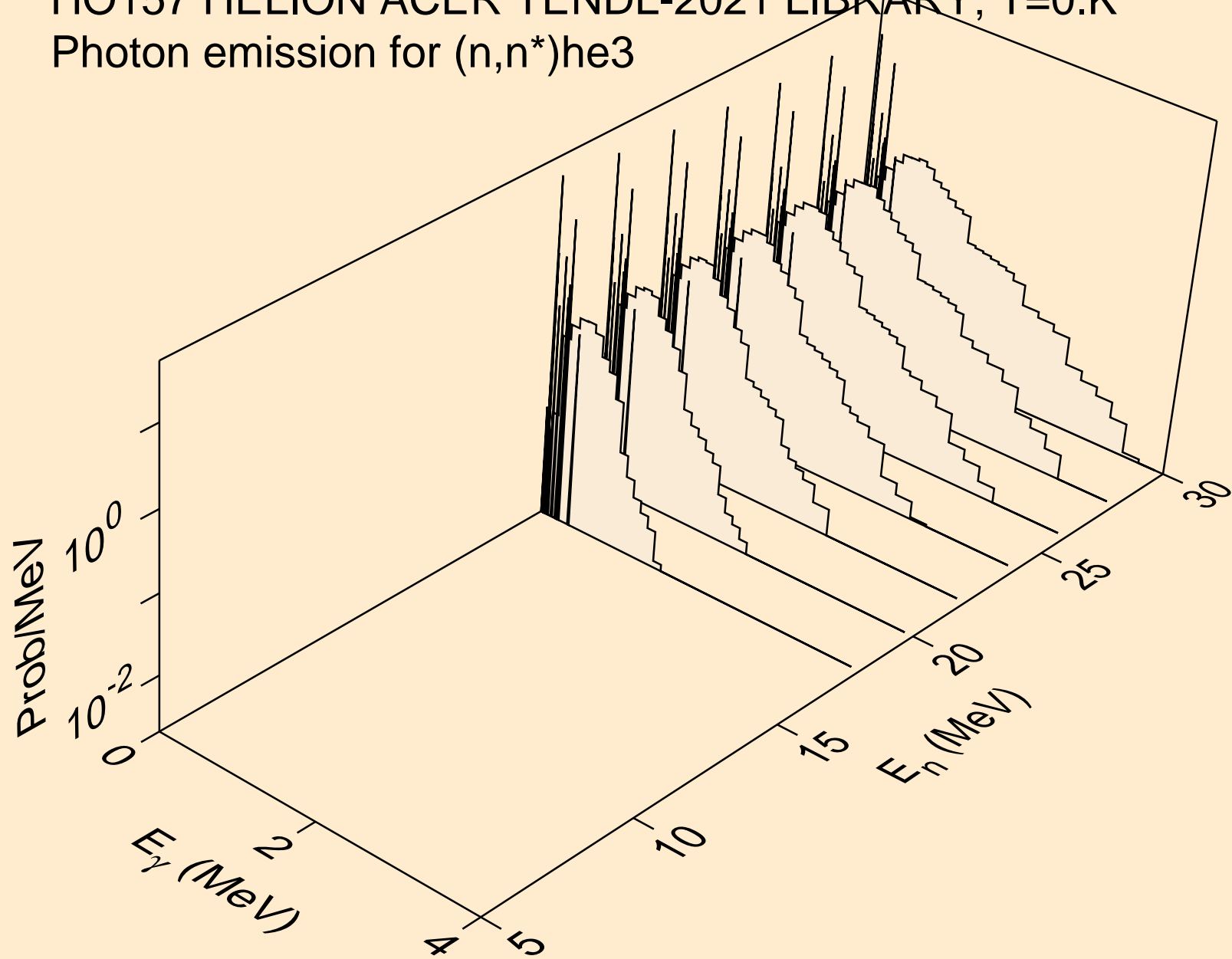
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



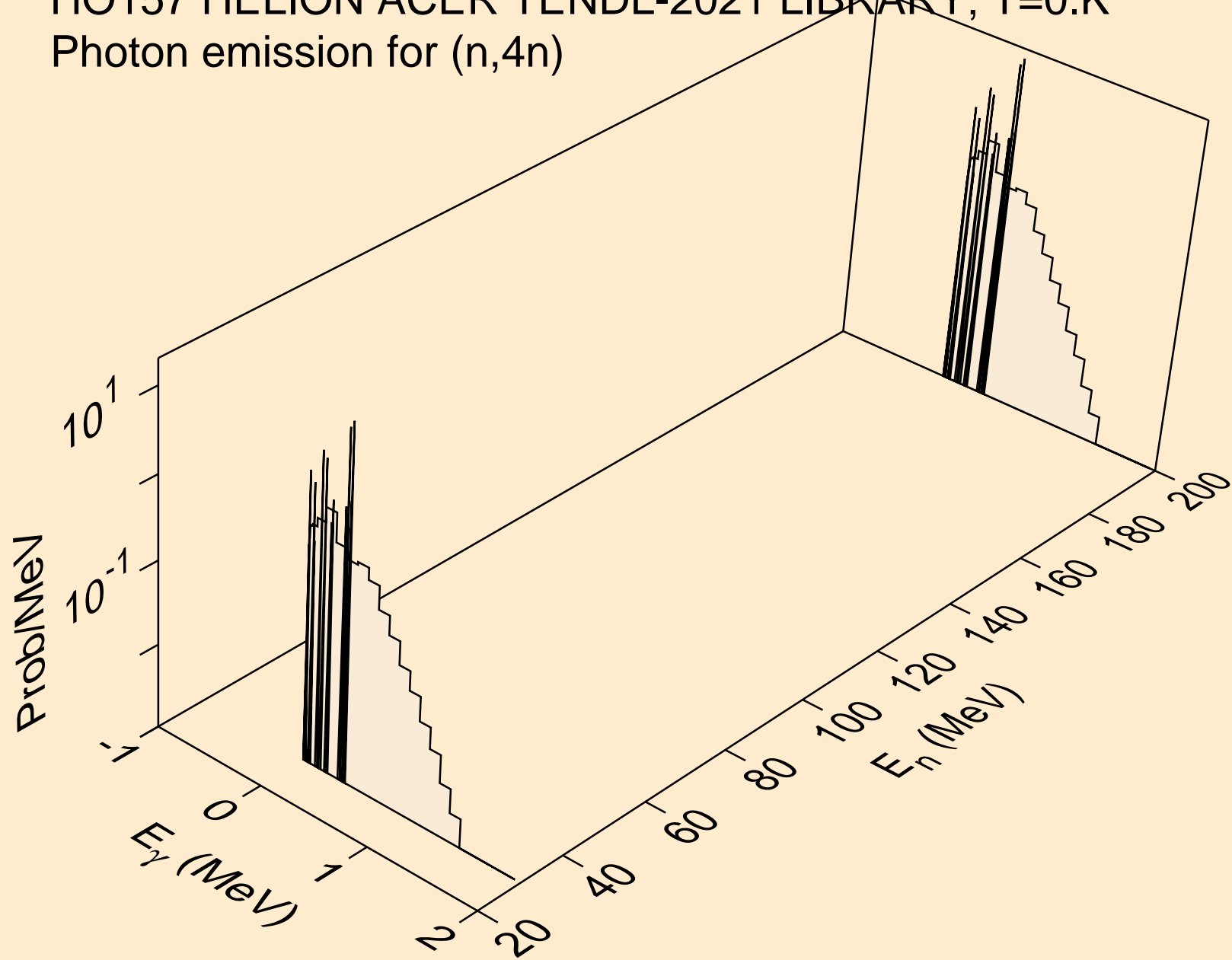
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

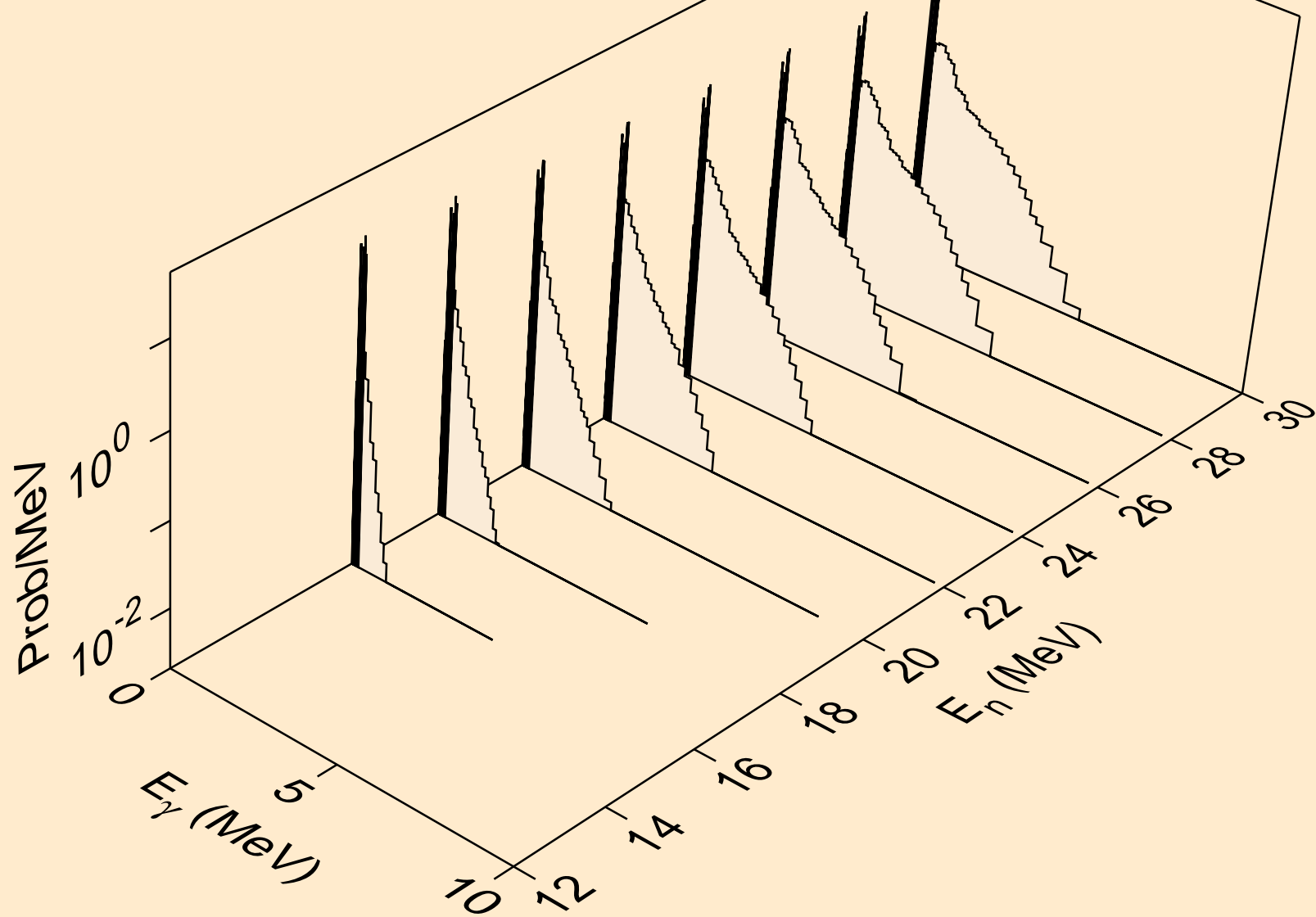


HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

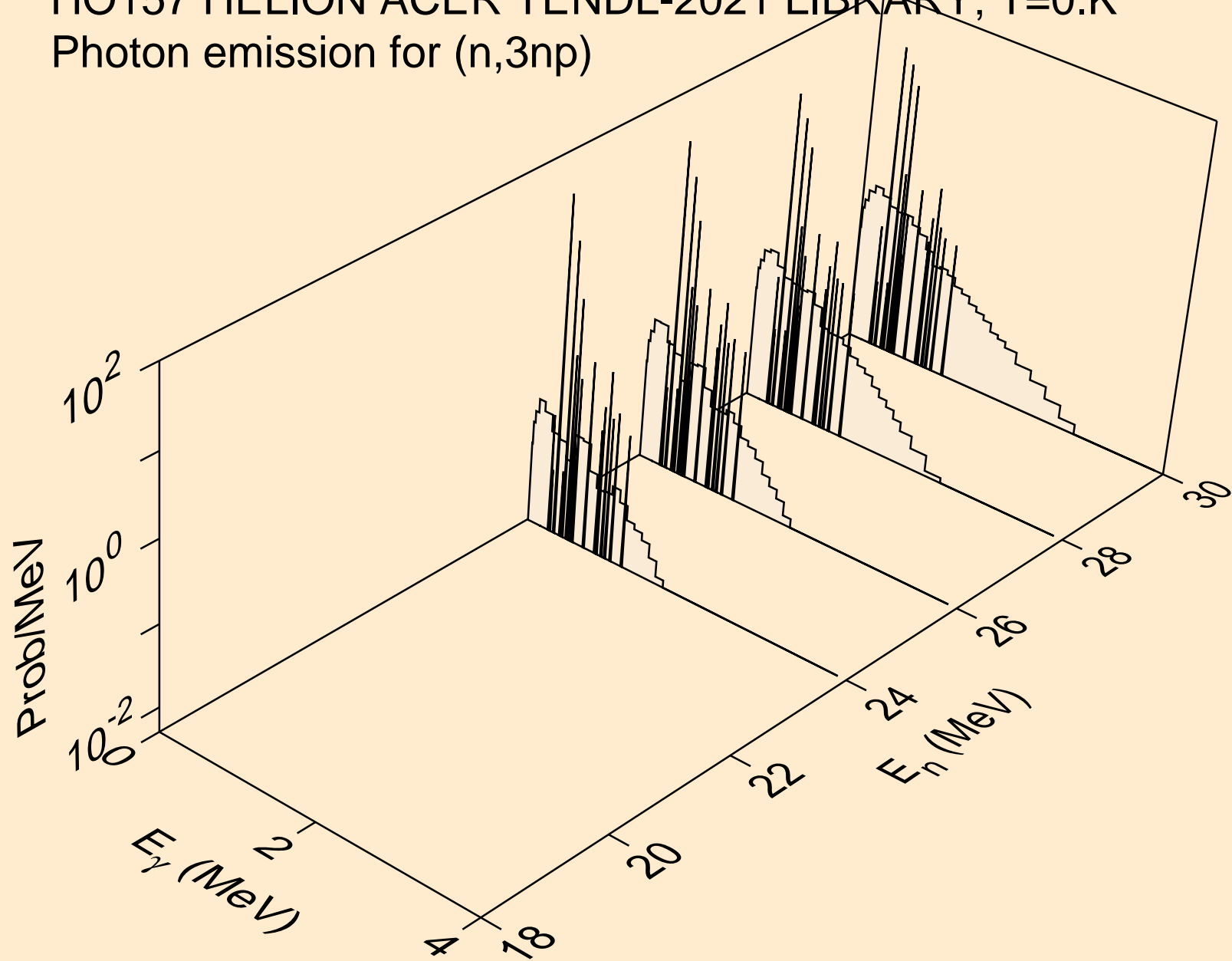




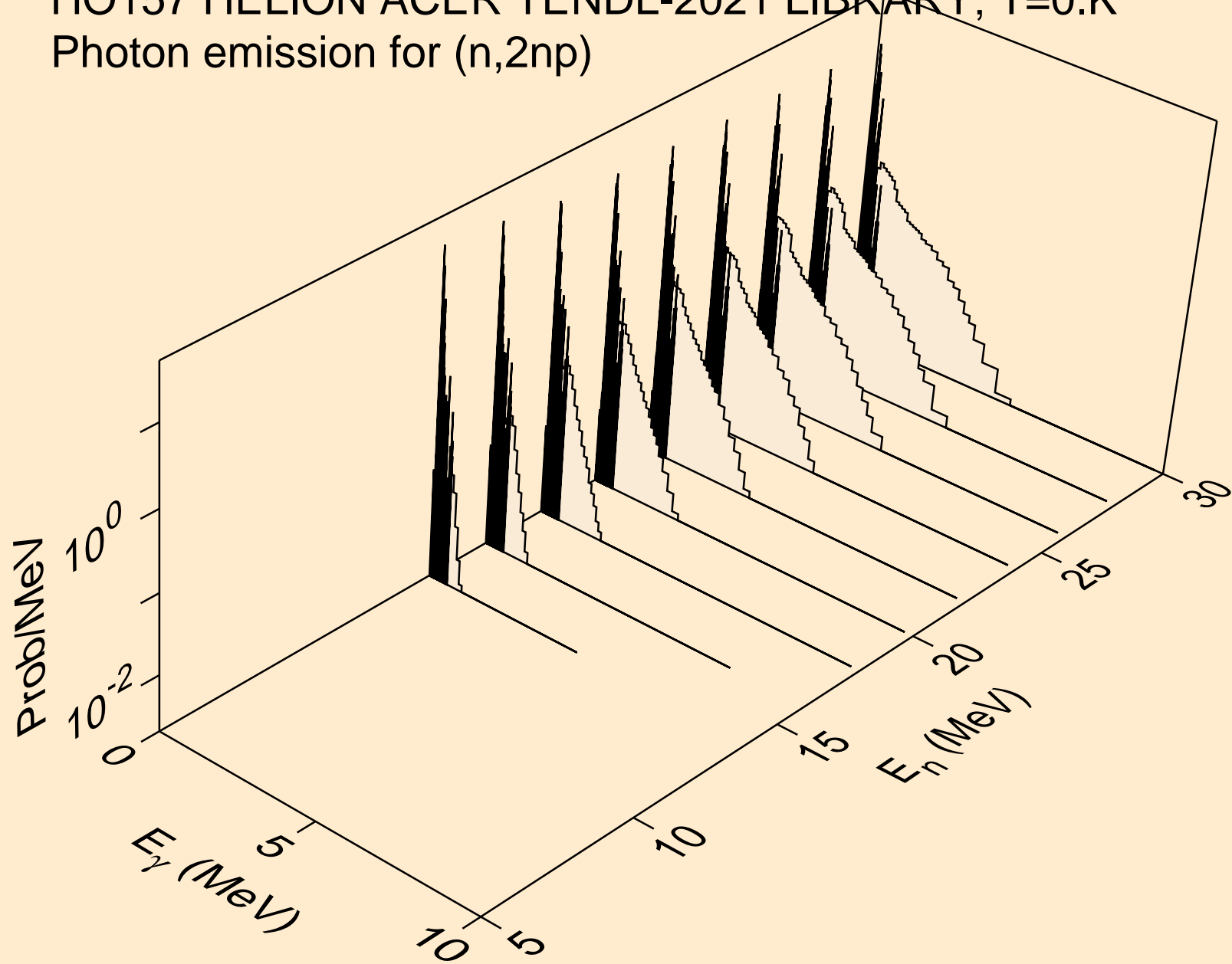
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Photon emission for (n,2np)



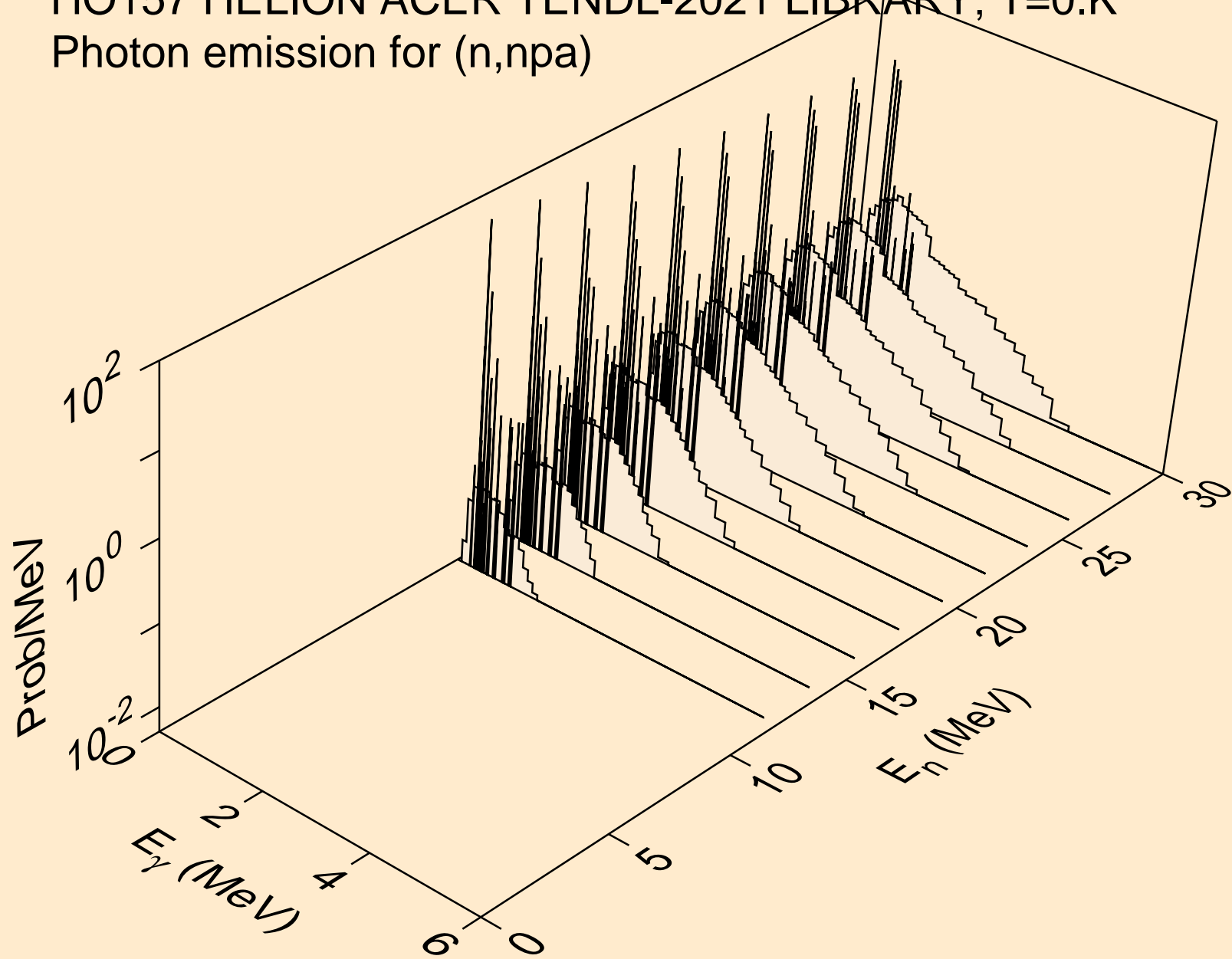
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Photon emission for (n,3np)



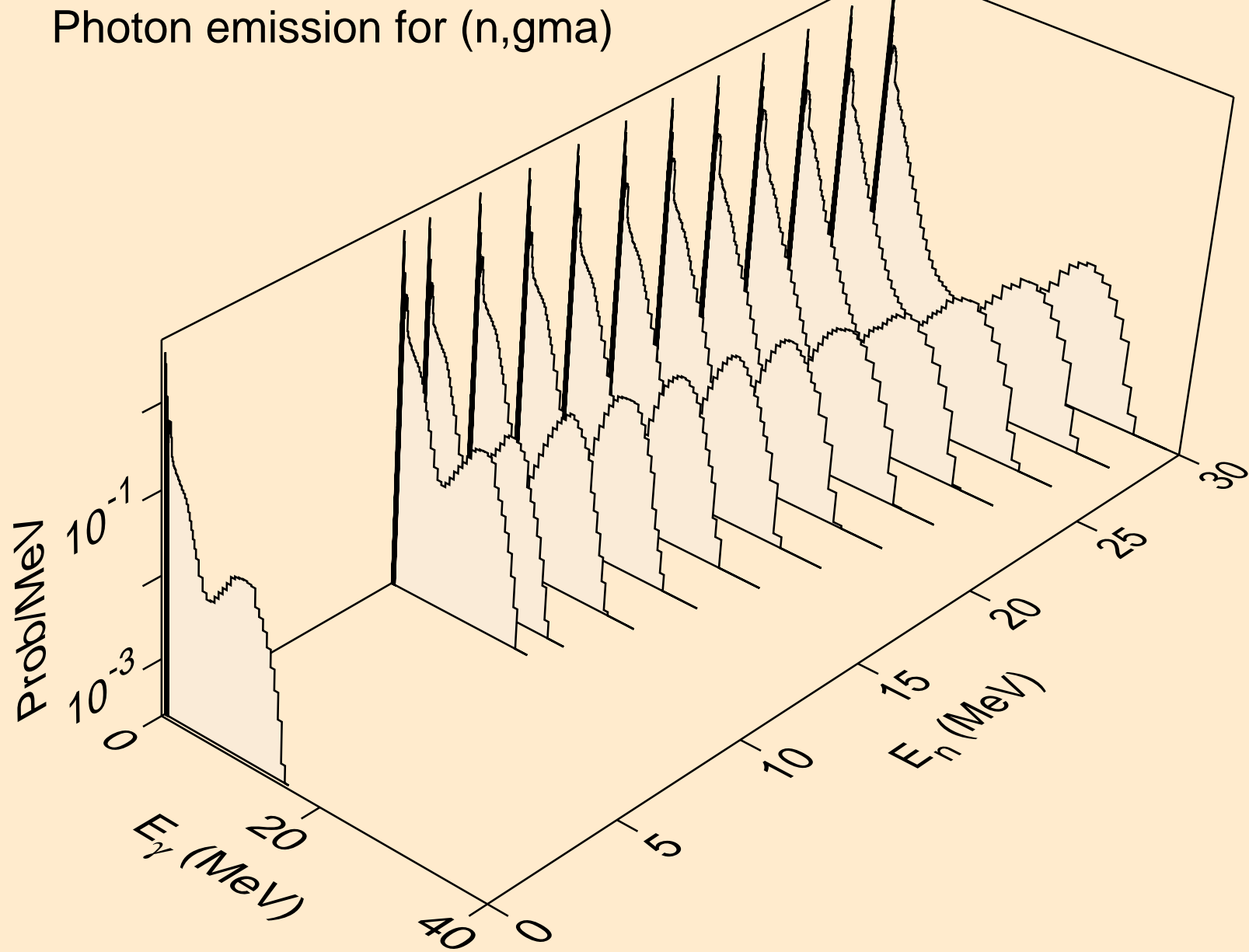
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Photon emission for (n,2np)



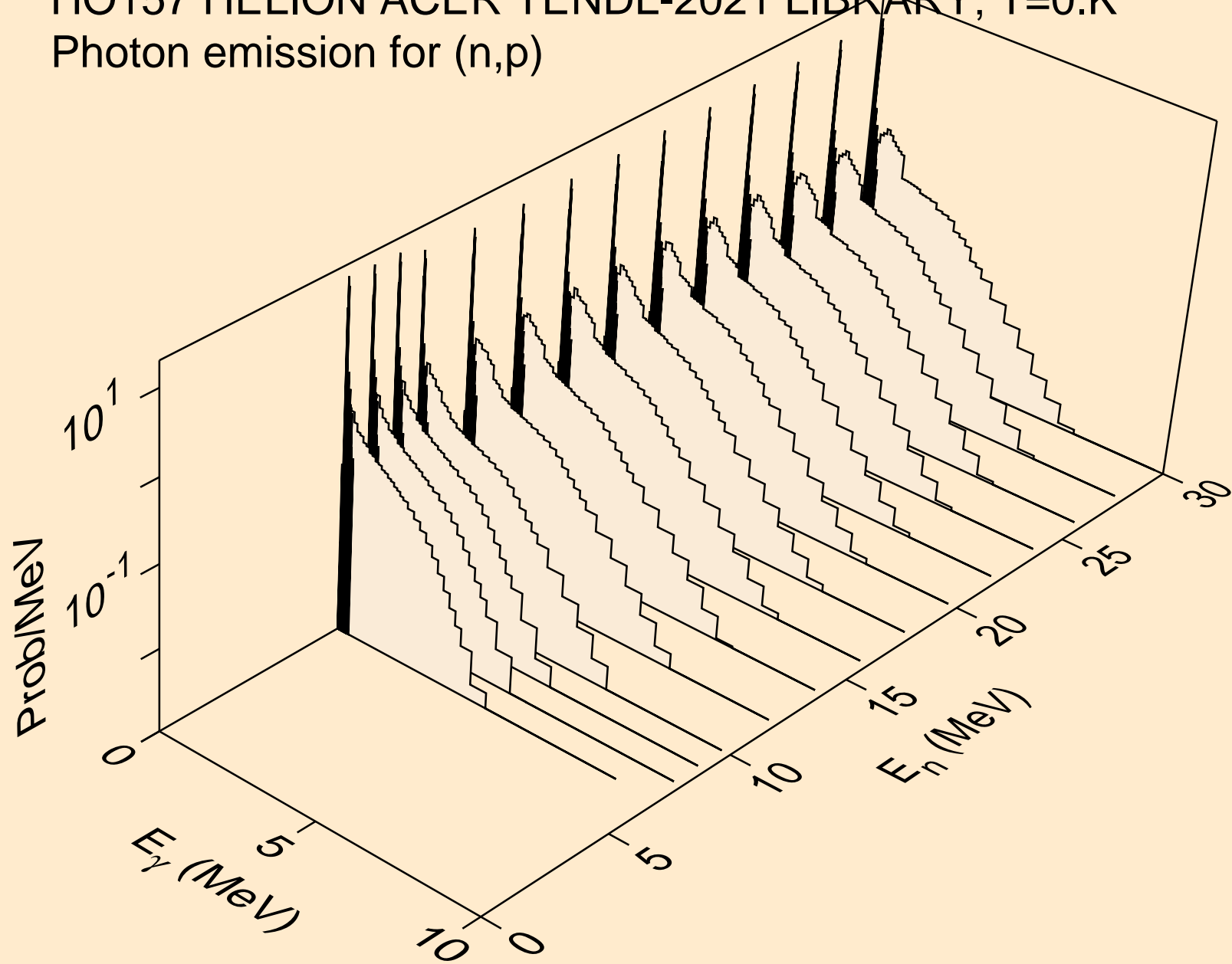
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Photon emission for (n,npa)



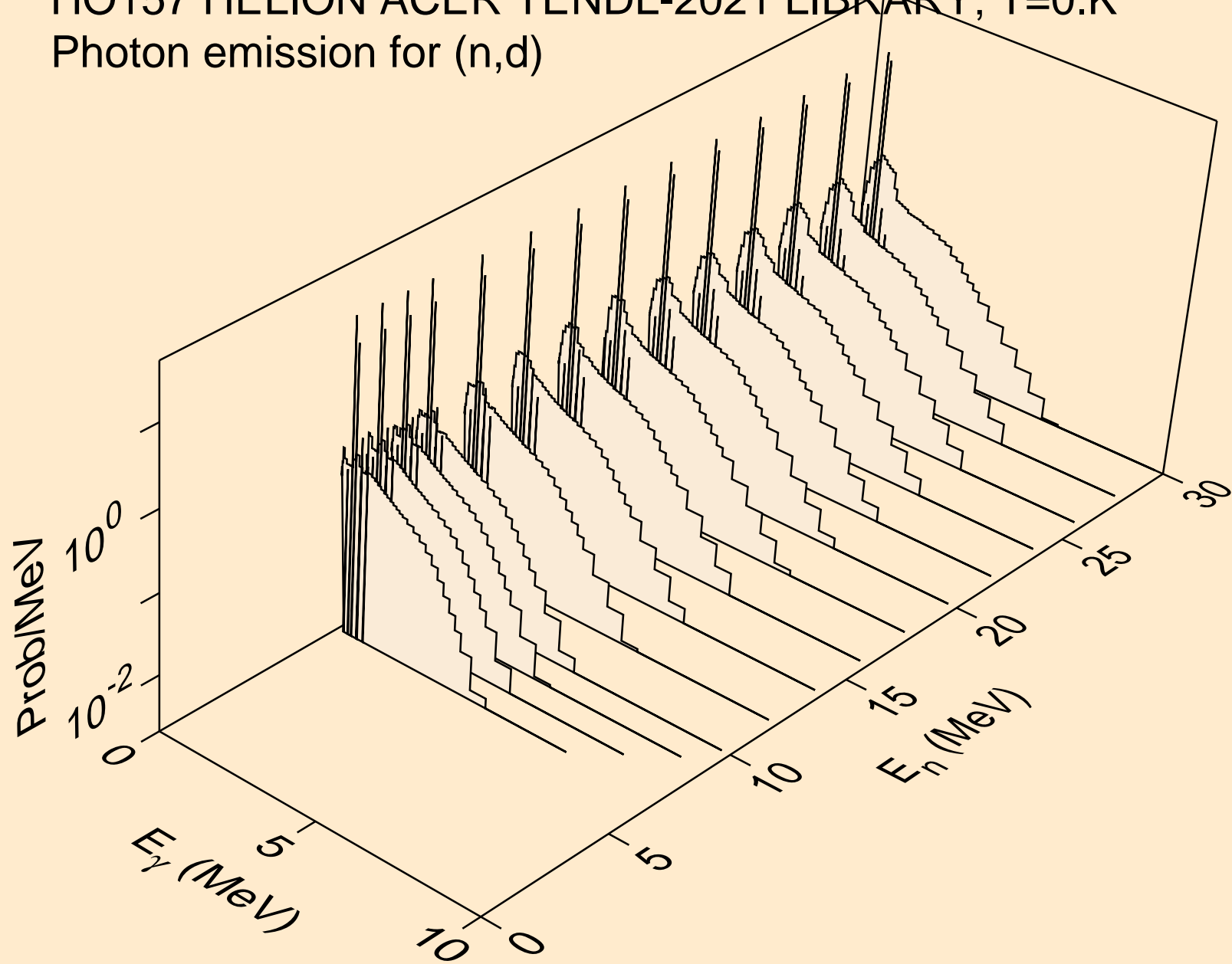
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Photon emission for (n,gma)



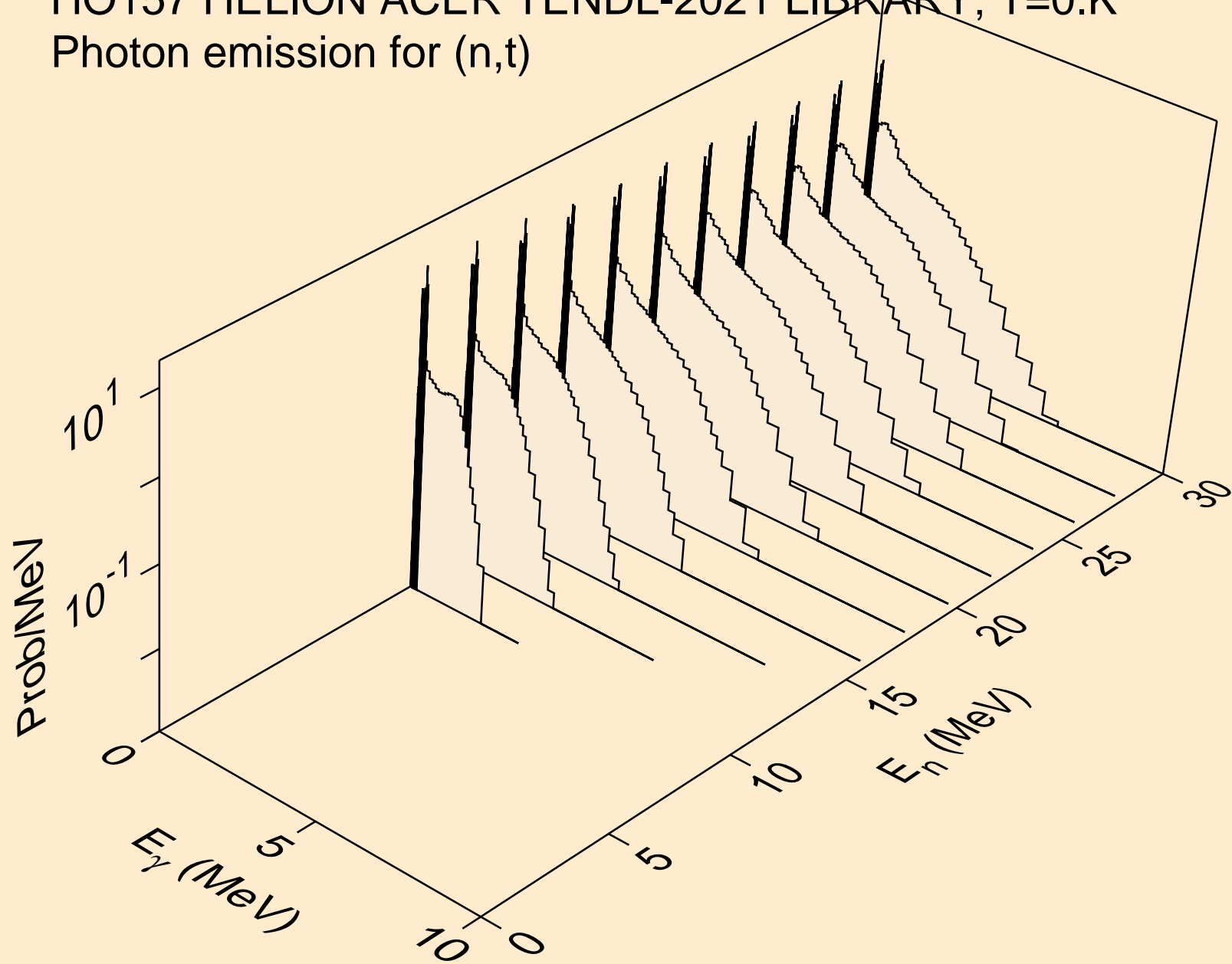
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

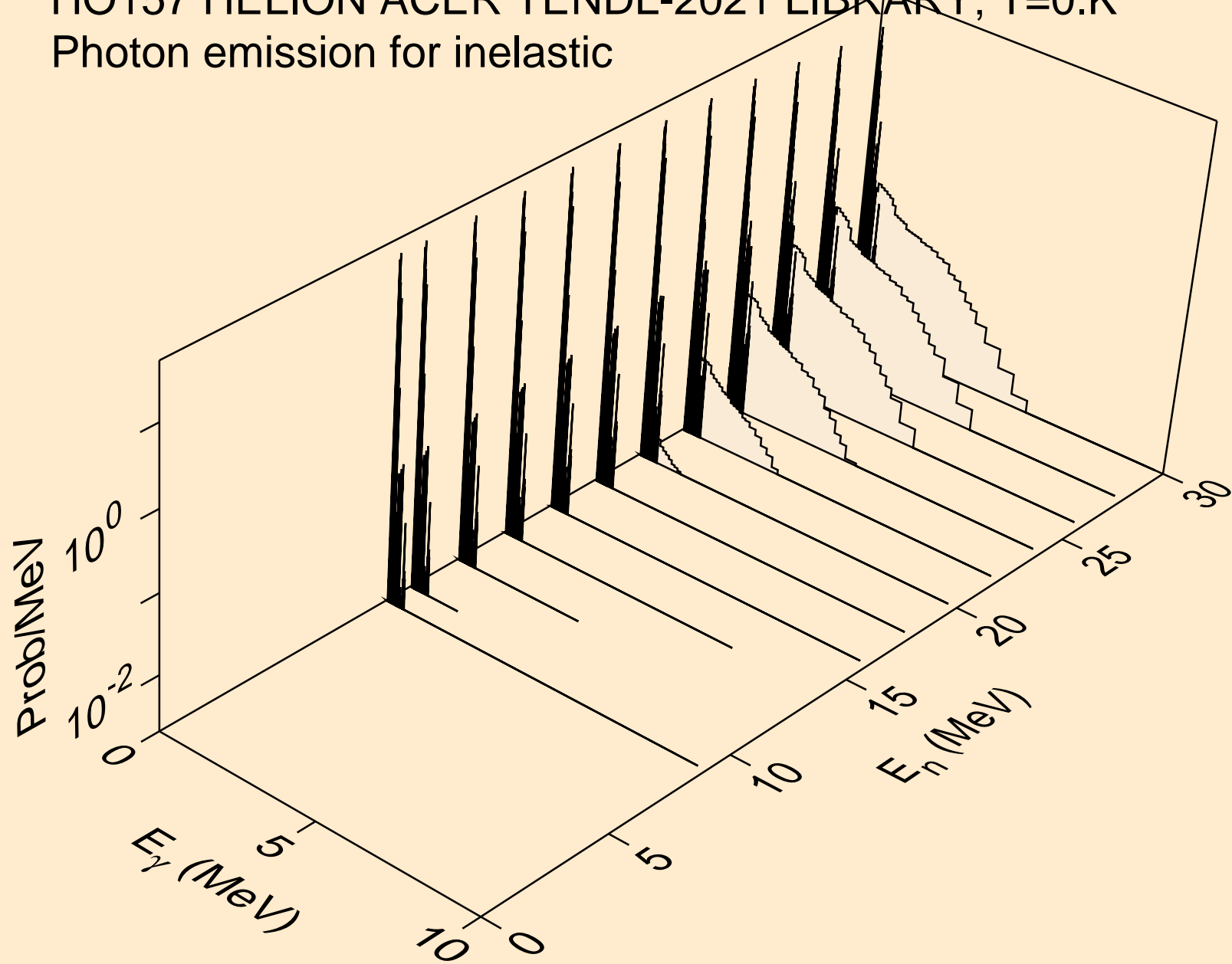


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Photon emission for (n,t)

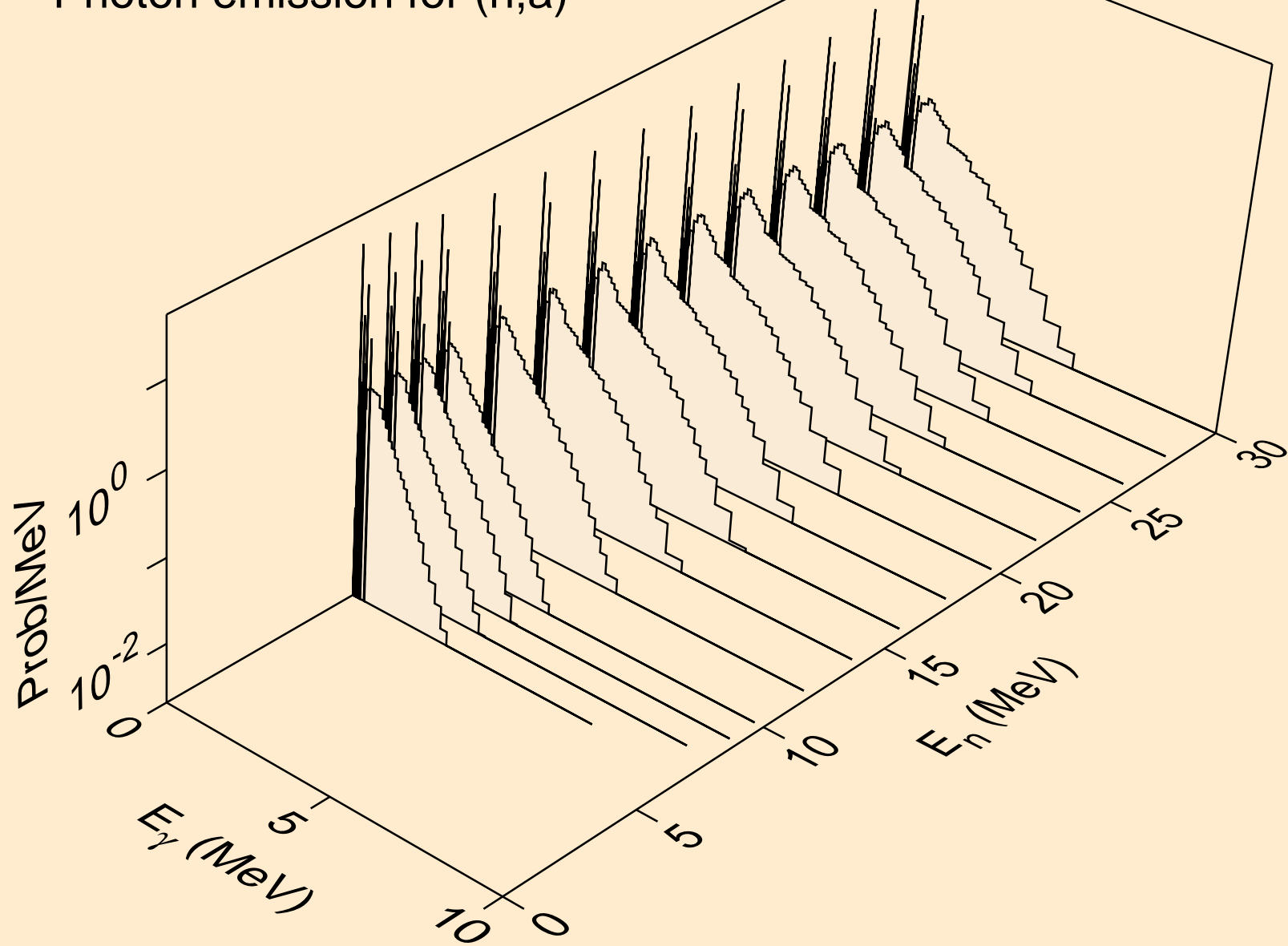




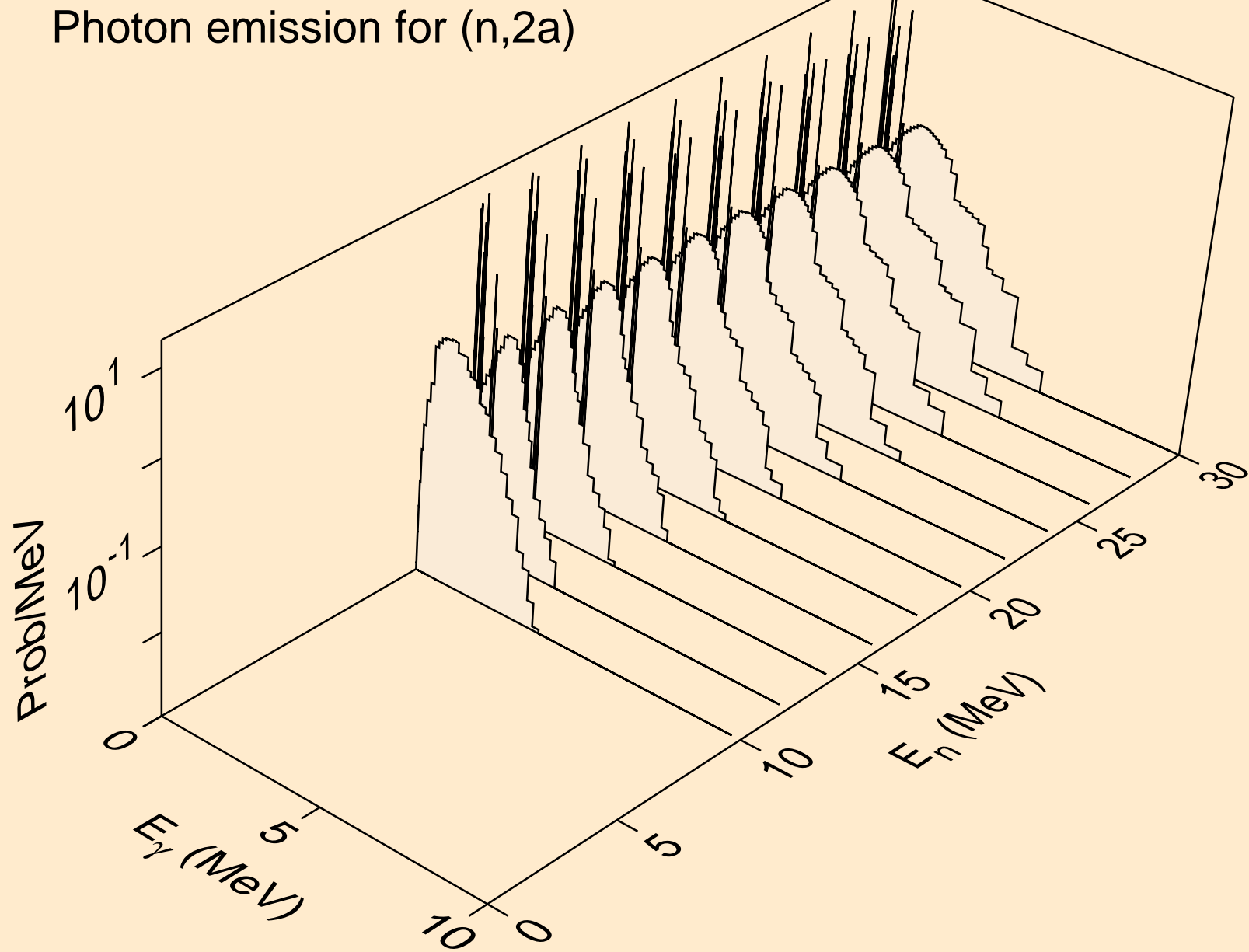
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Photon emission for inelastic



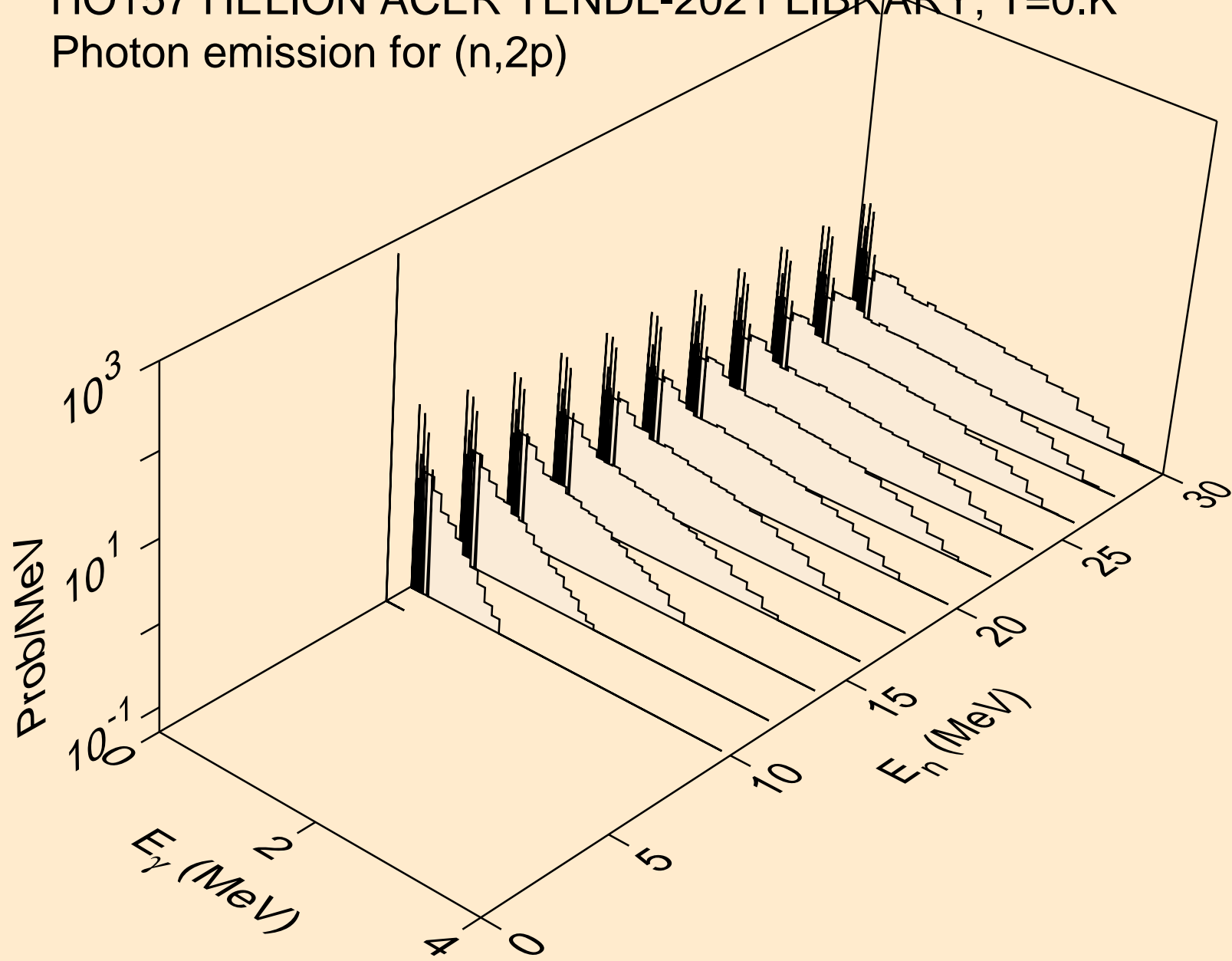
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Photon emission for (n,a)



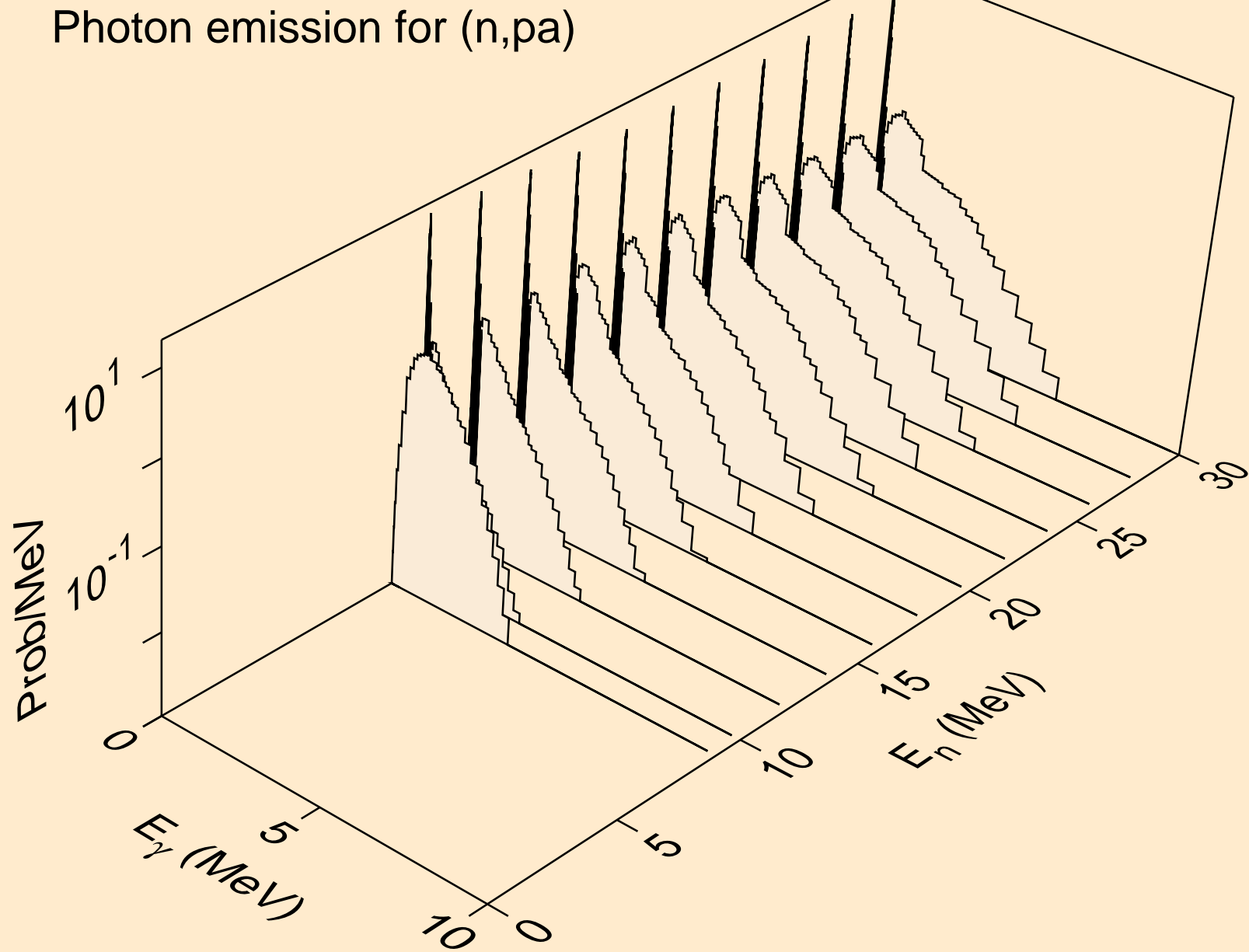
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Photon emission for (n,2a)



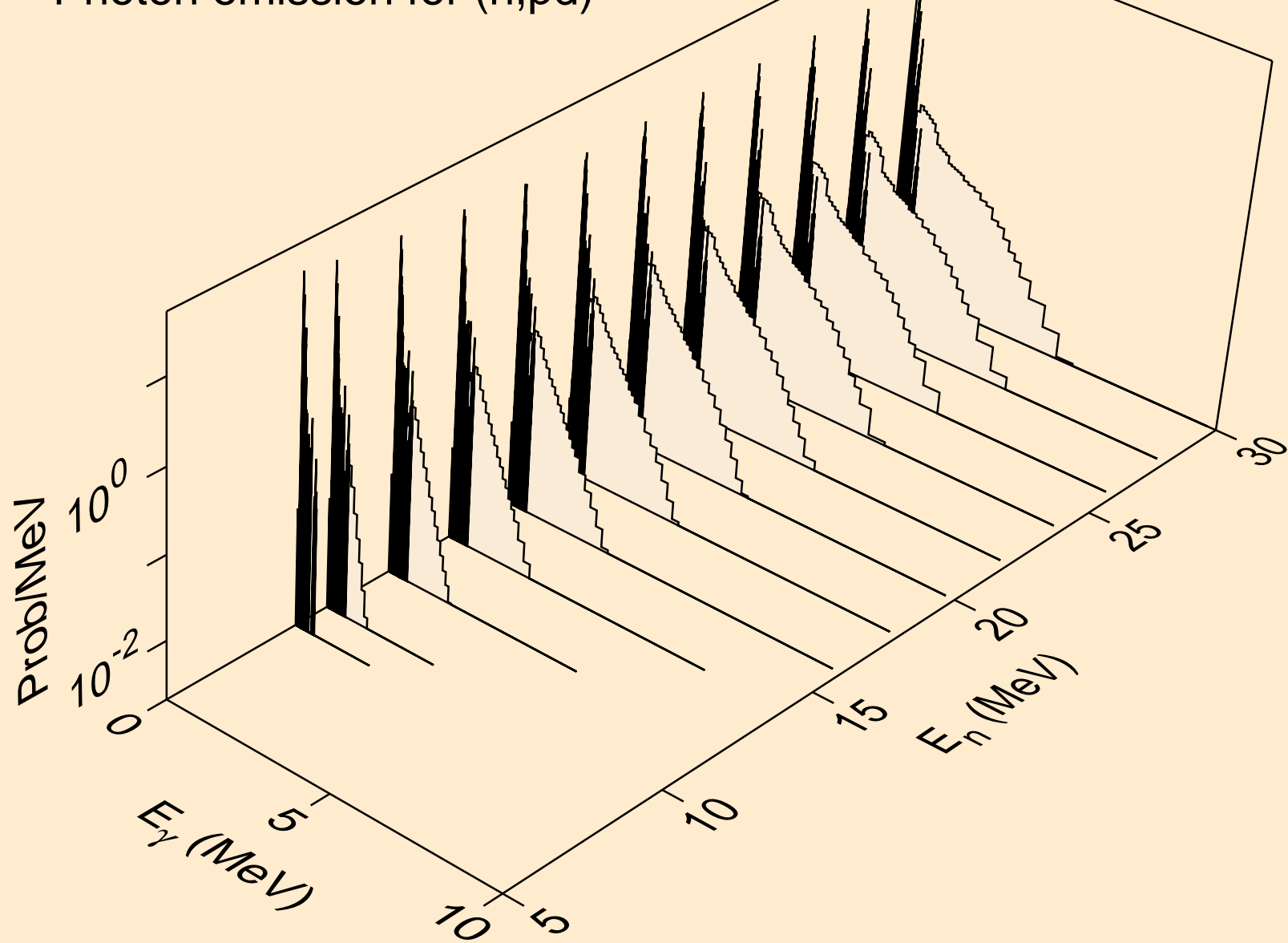
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Photon emission for (n,2p)



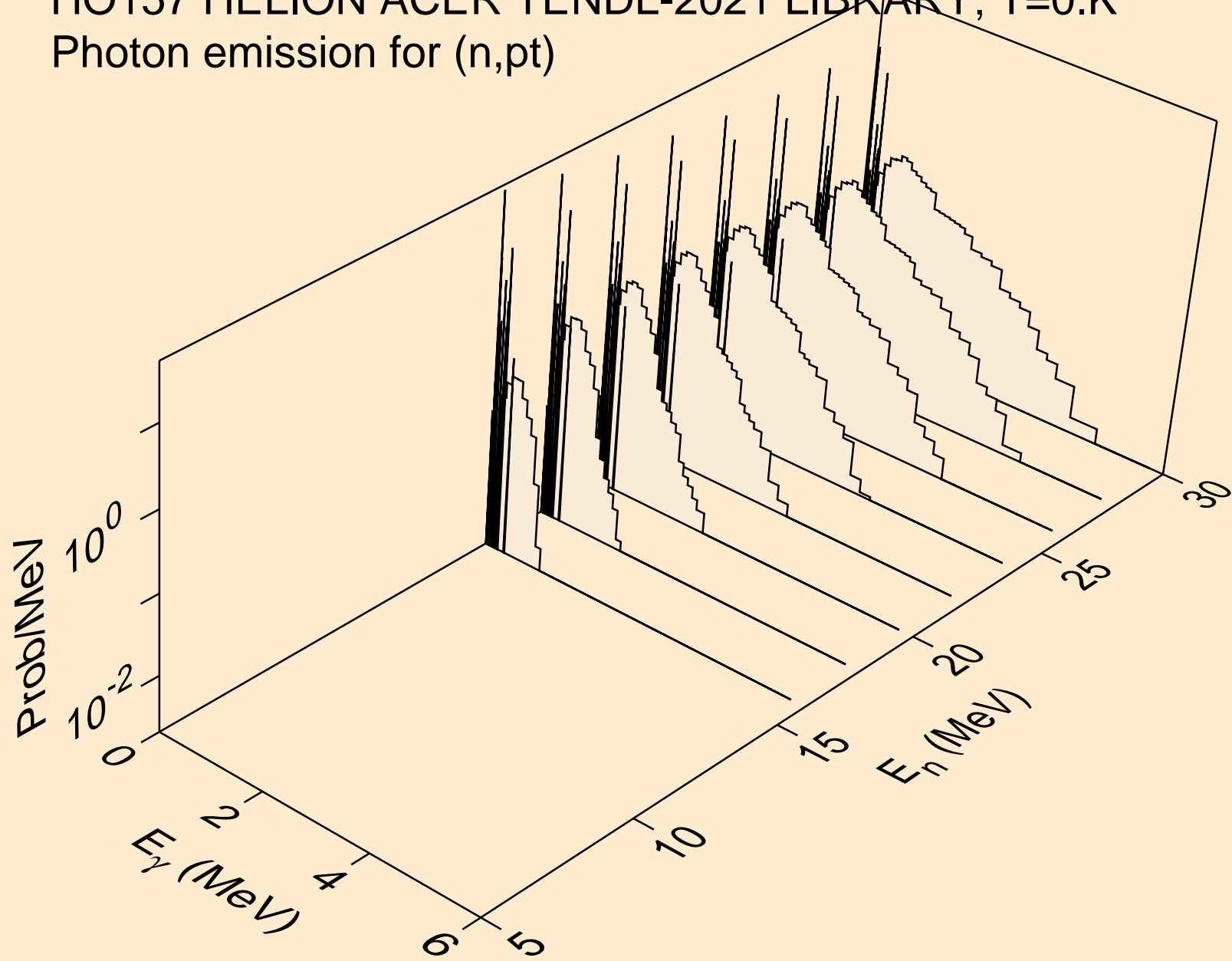
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Photon emission for (n,pa)



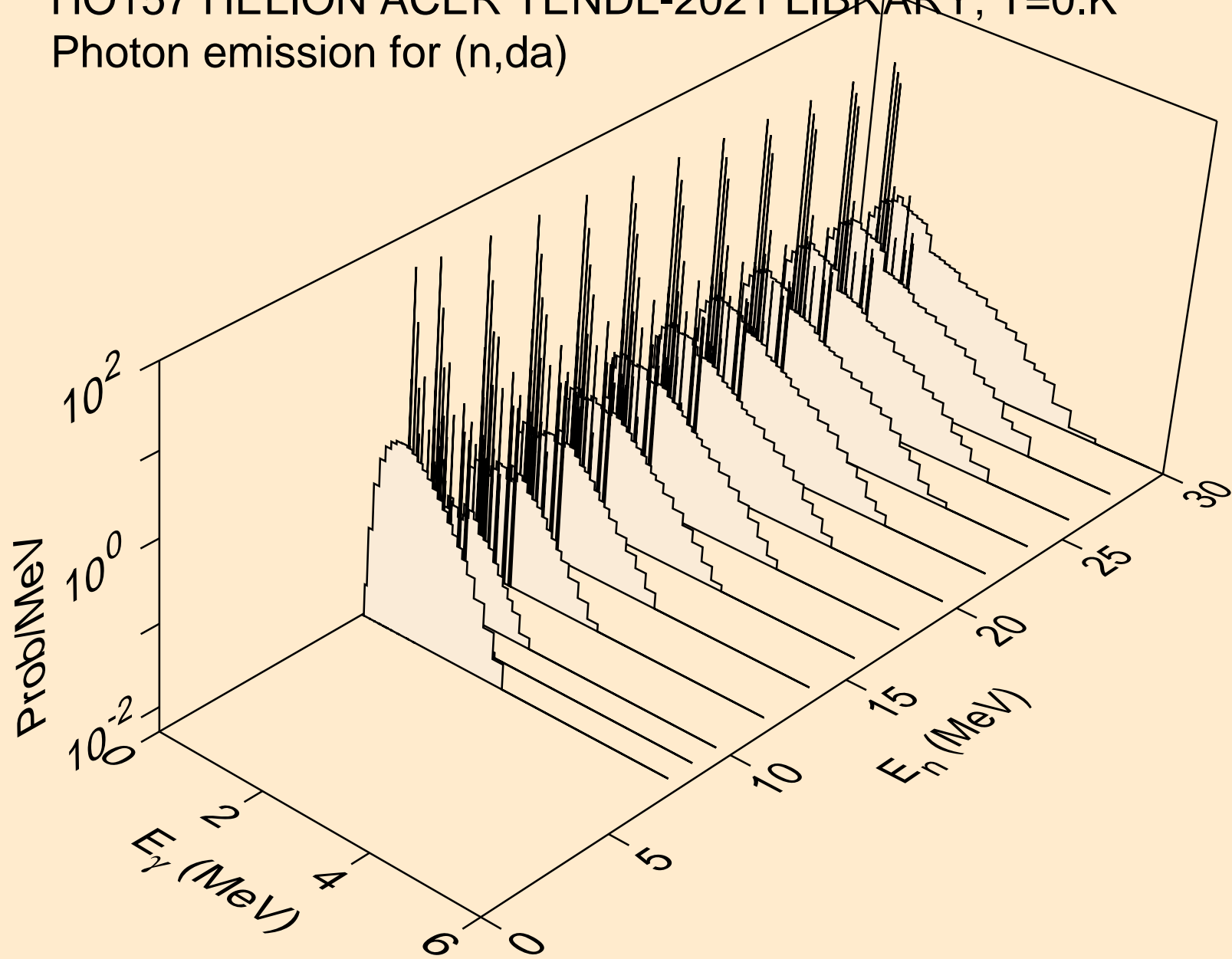
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Photon emission for (n,pd)



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



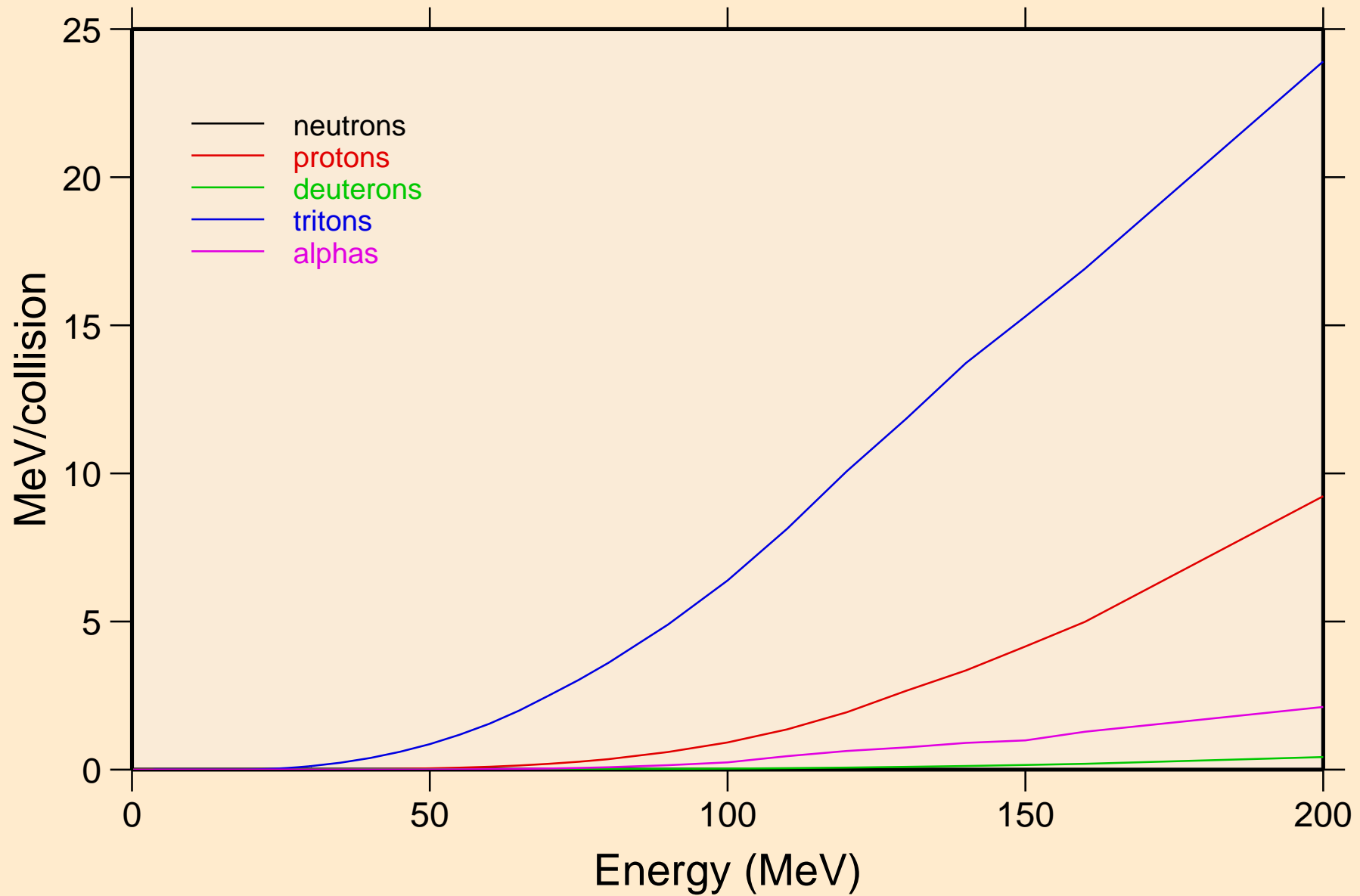
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Photon emission for (n,da)



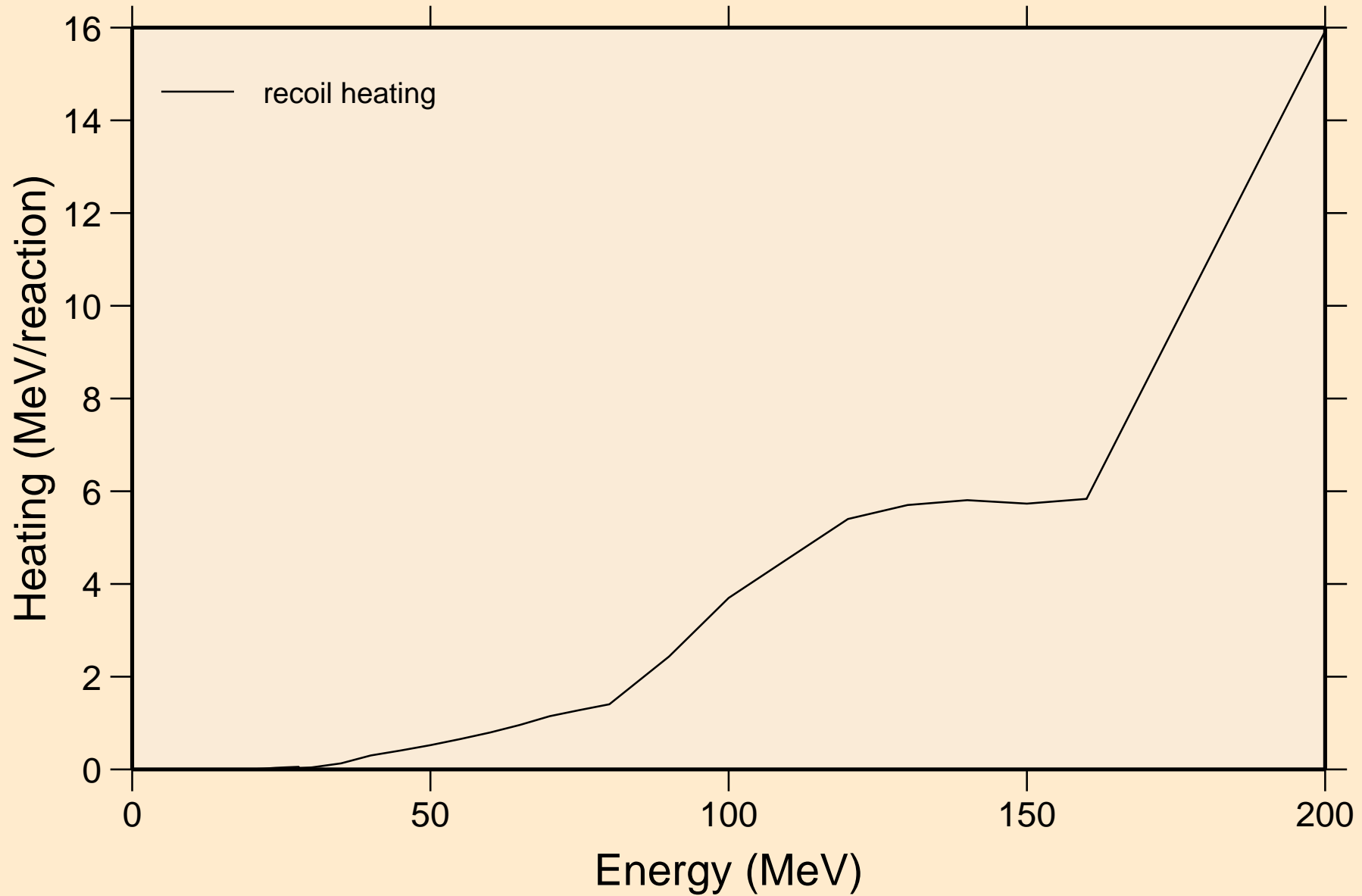


# HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions

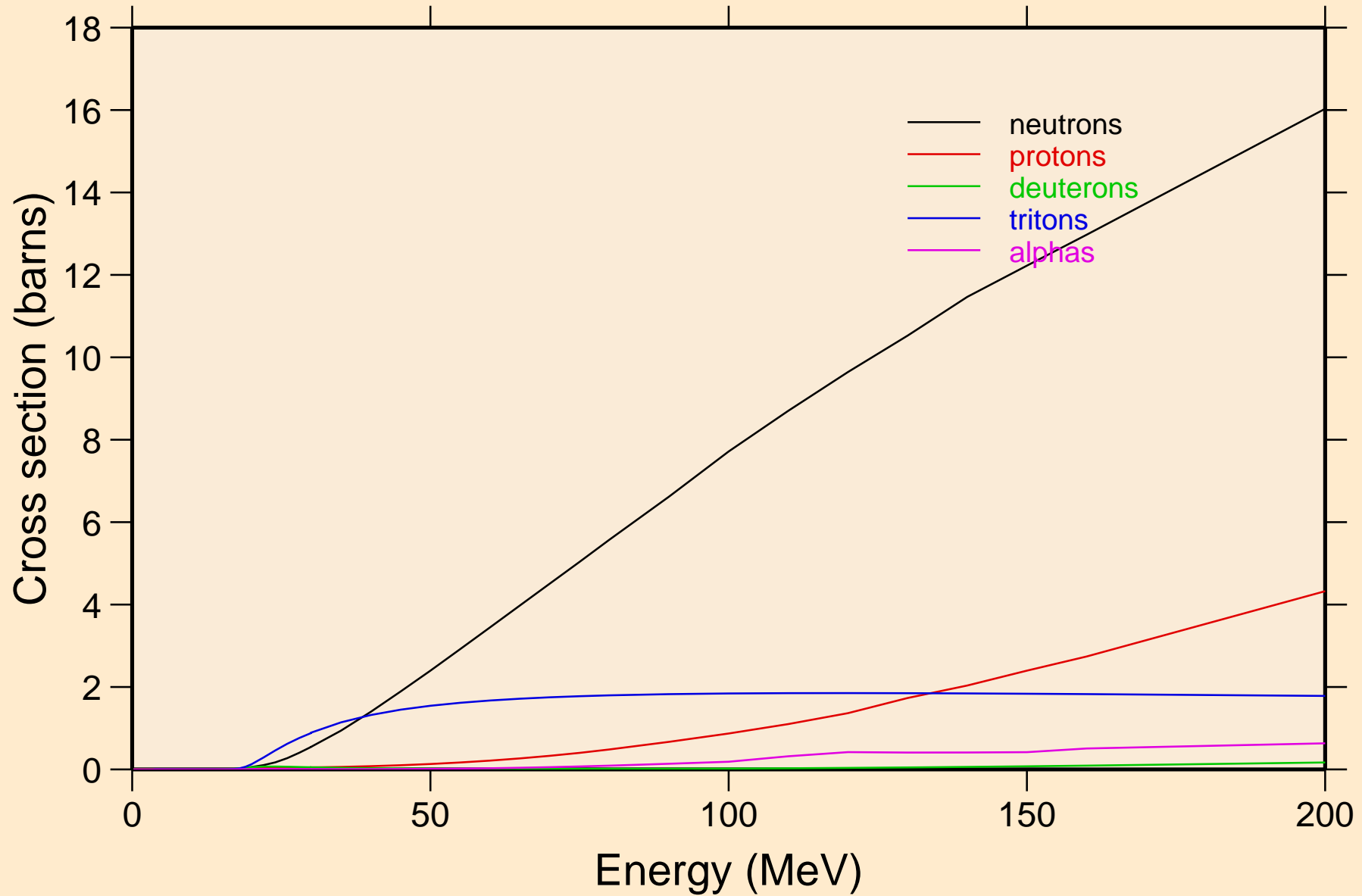


HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

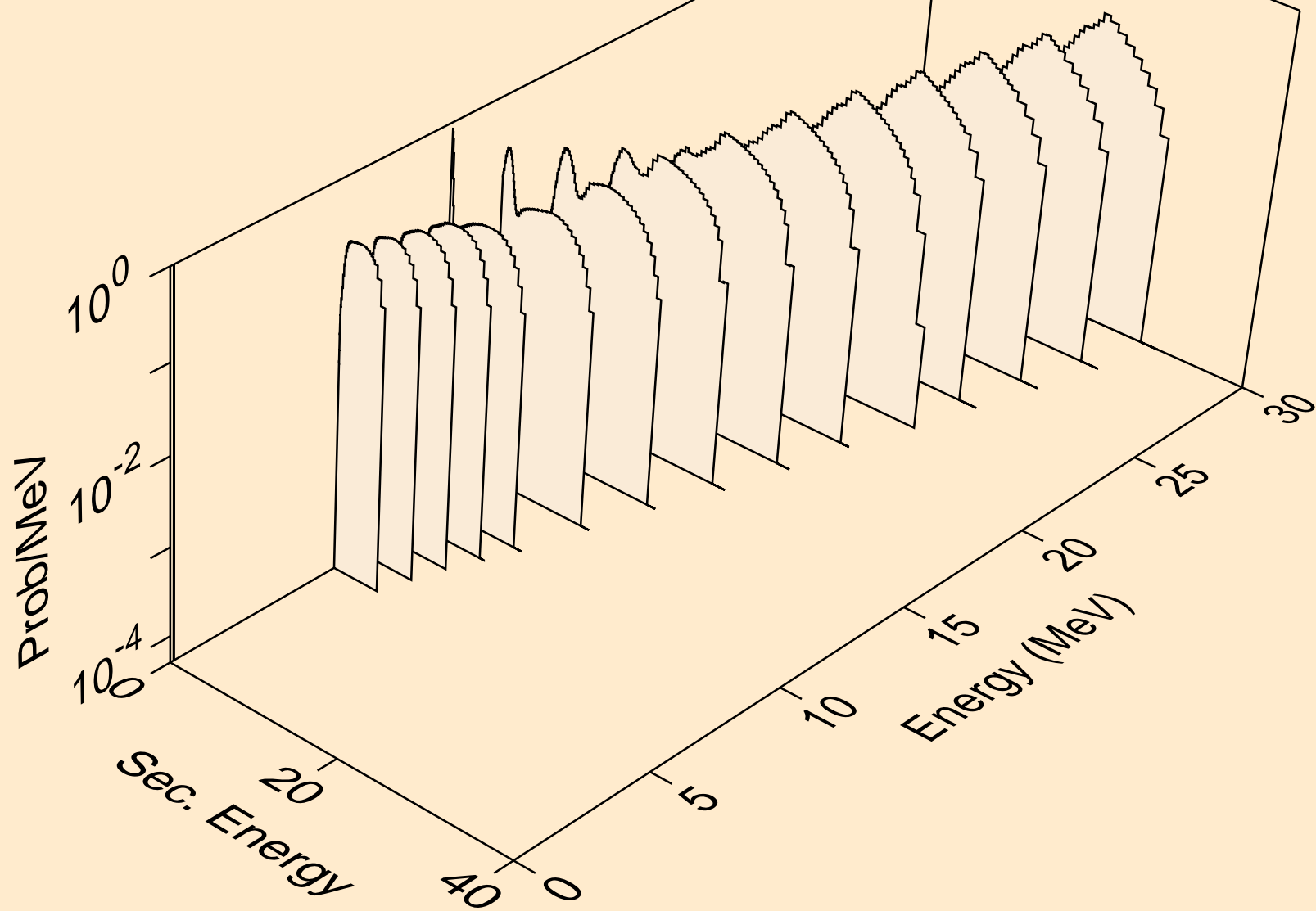


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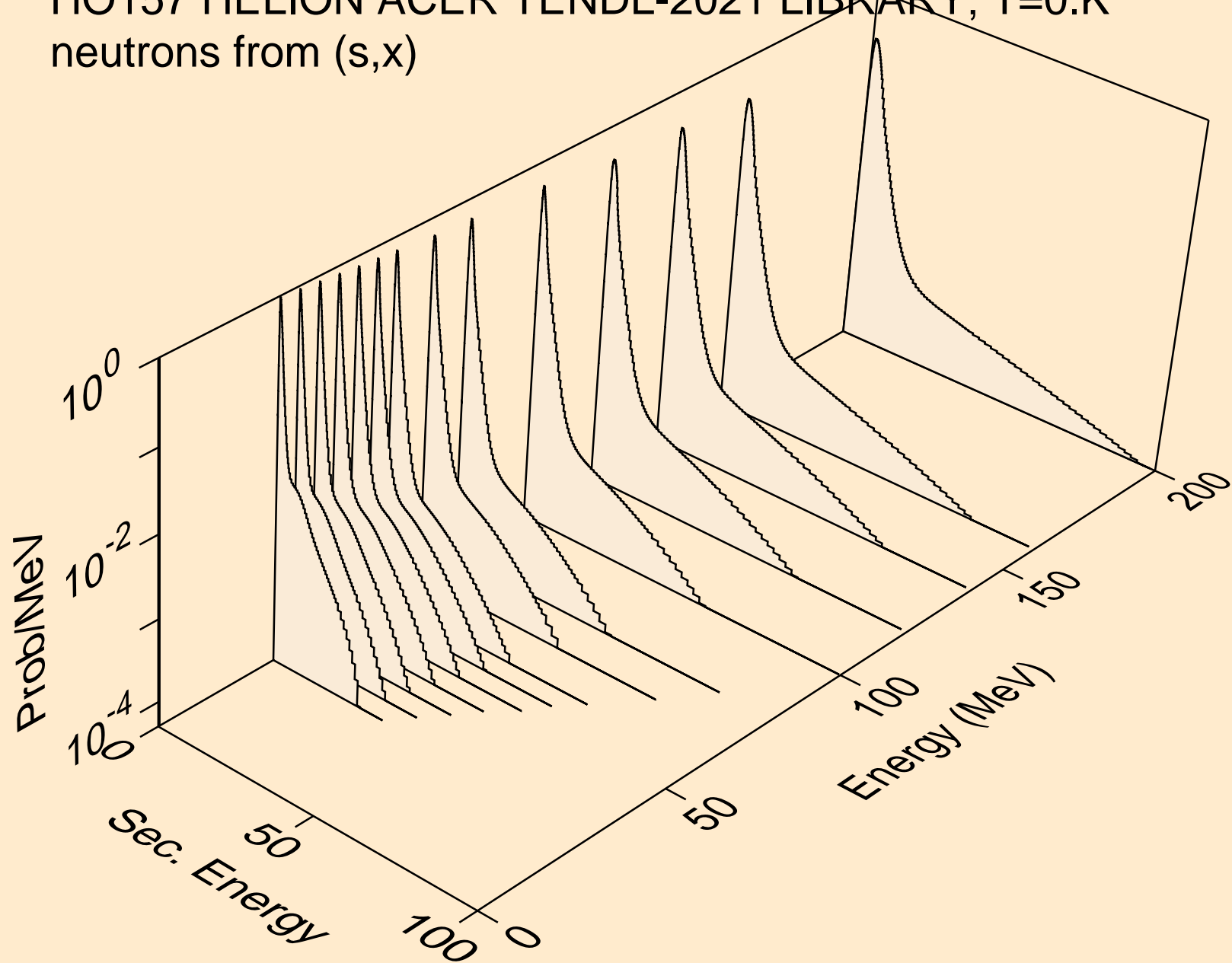
## Particle production cross sections



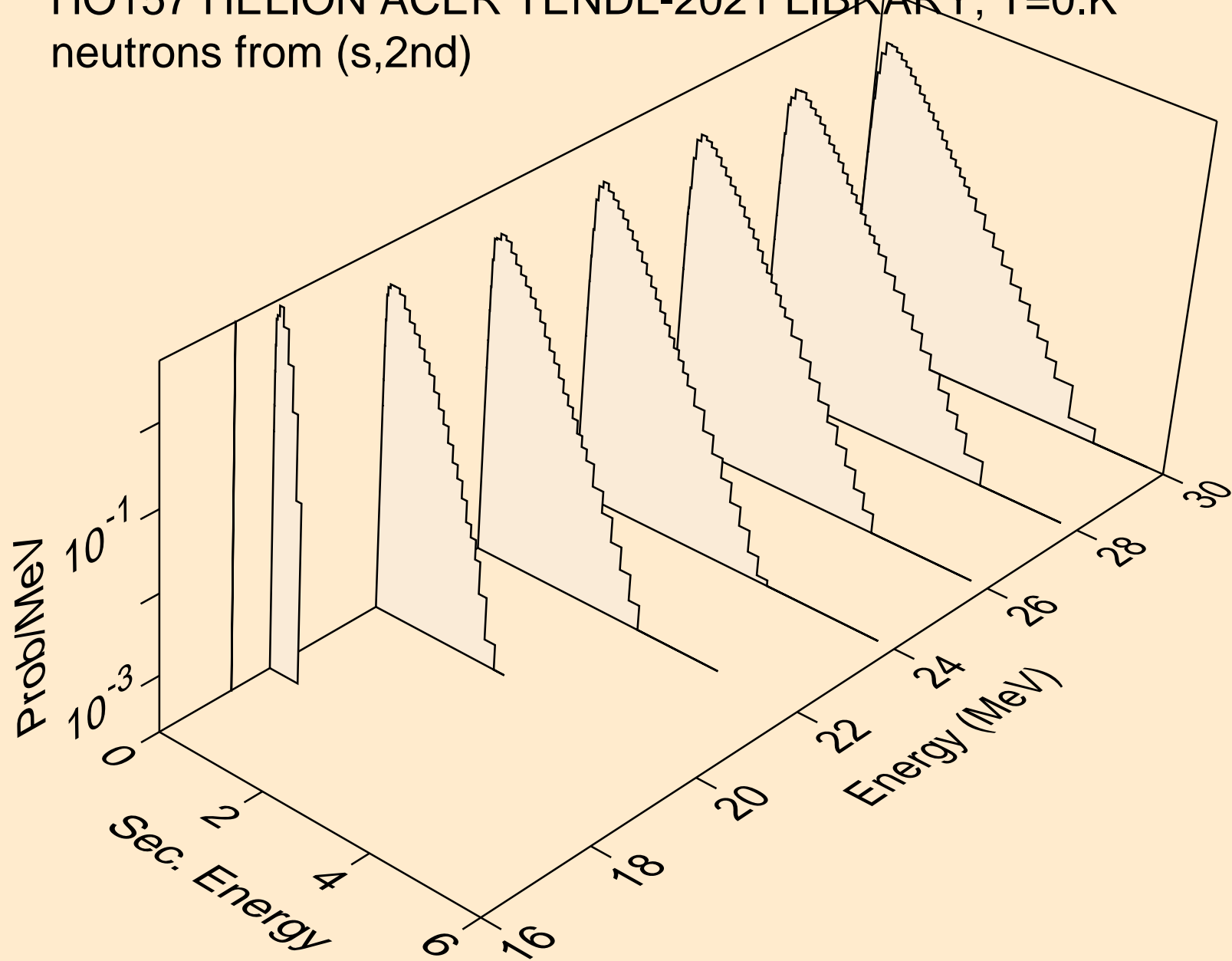
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



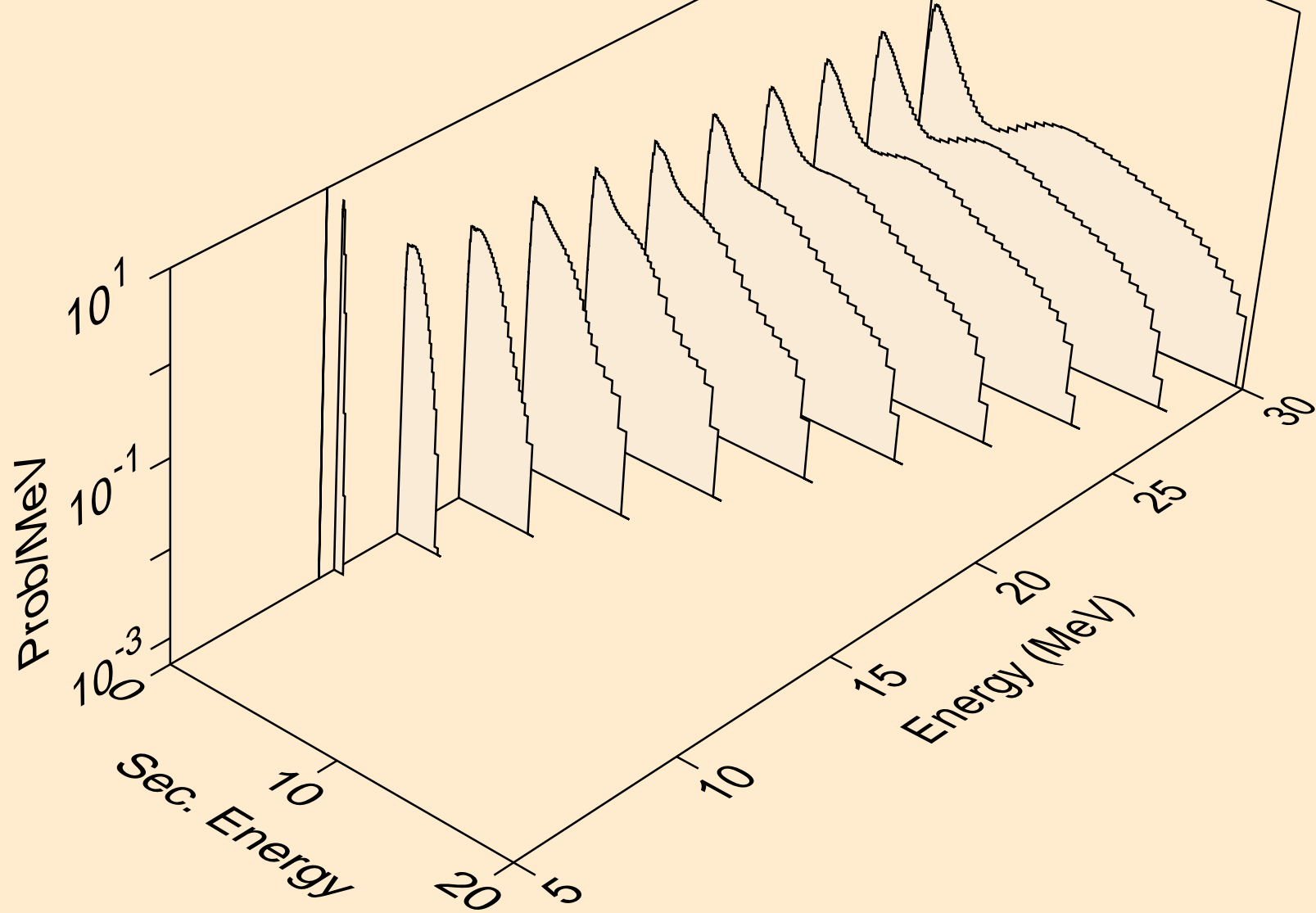
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neutrons from (s,x)



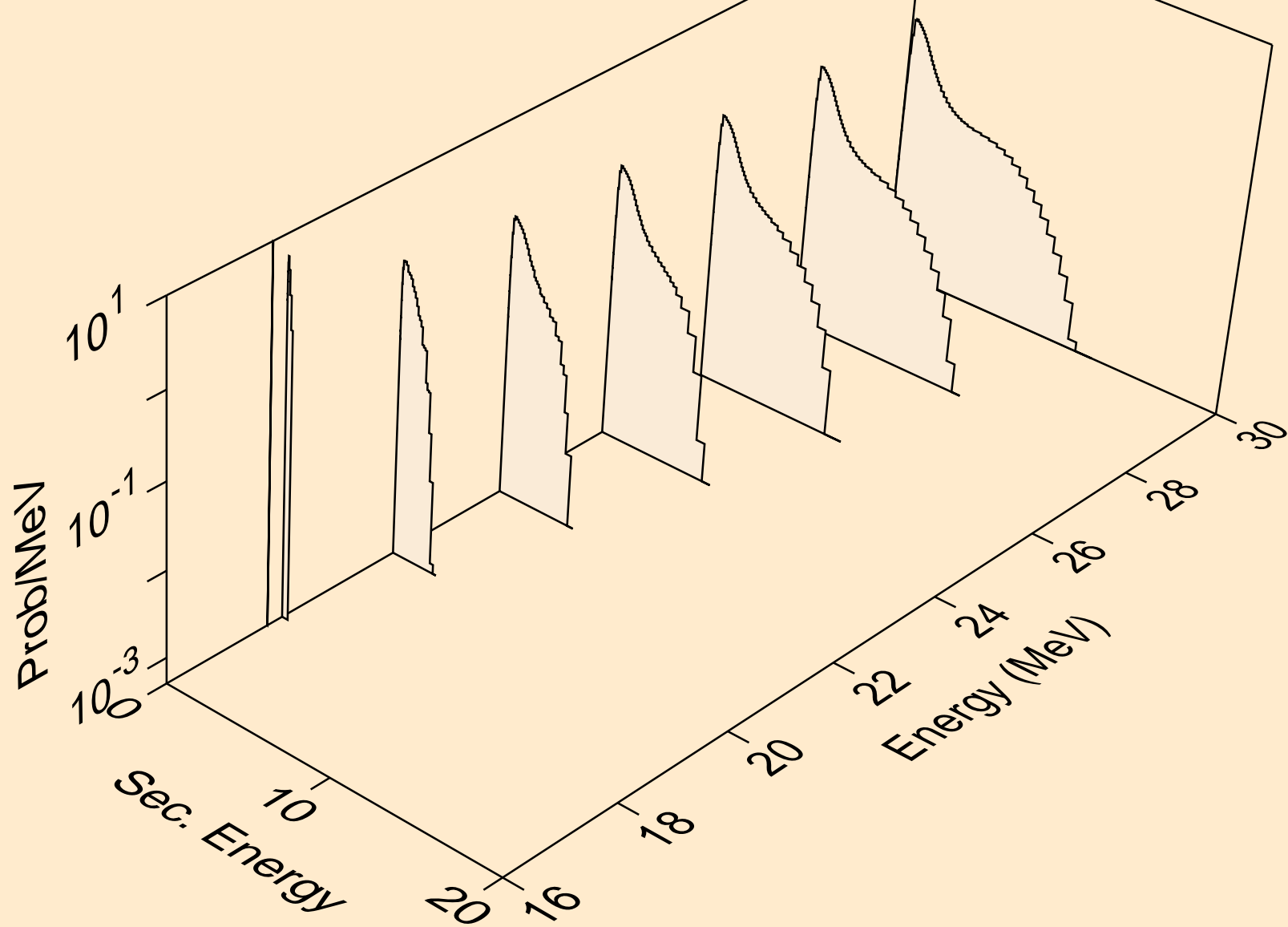
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)

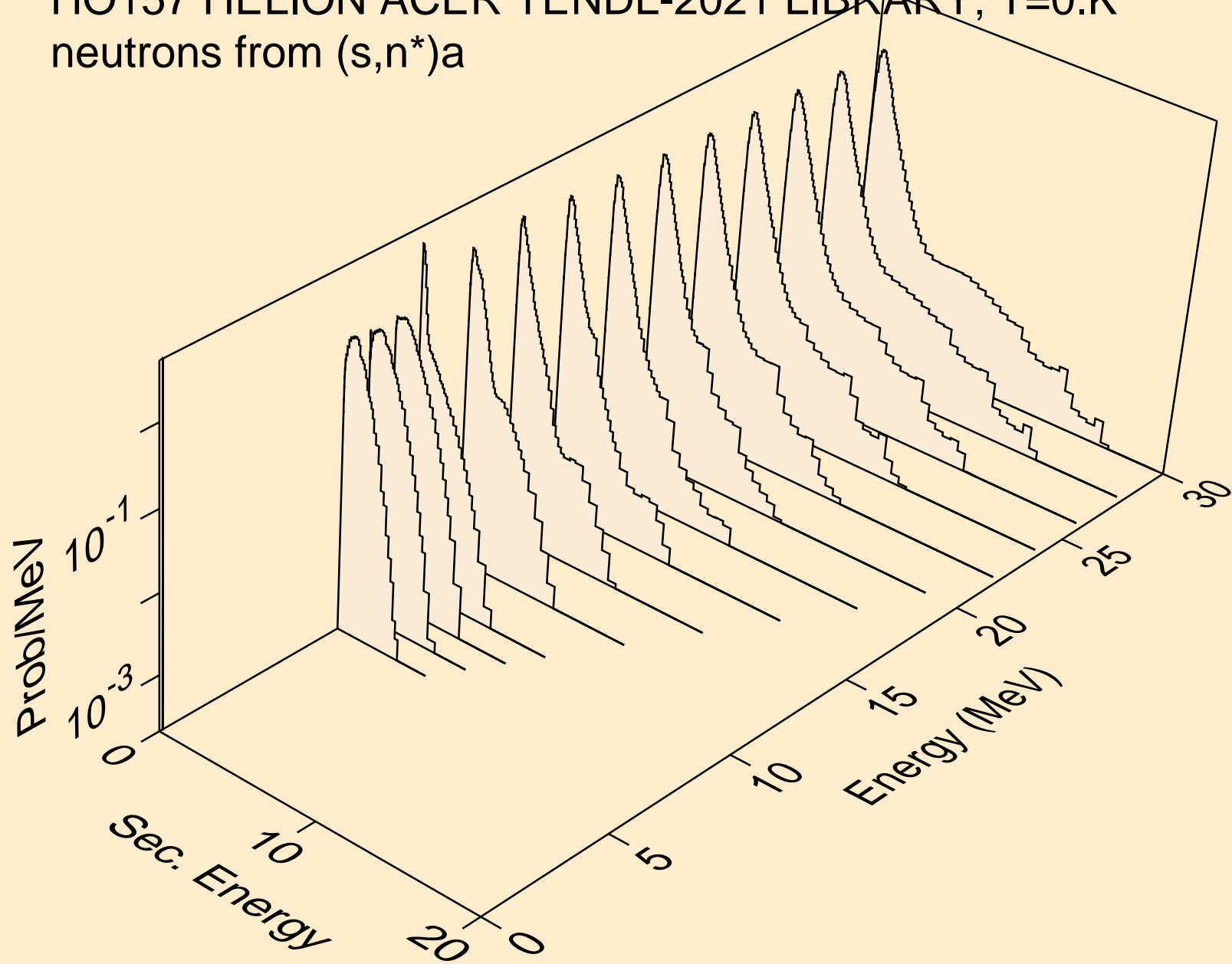


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neutrons from (s,3n)

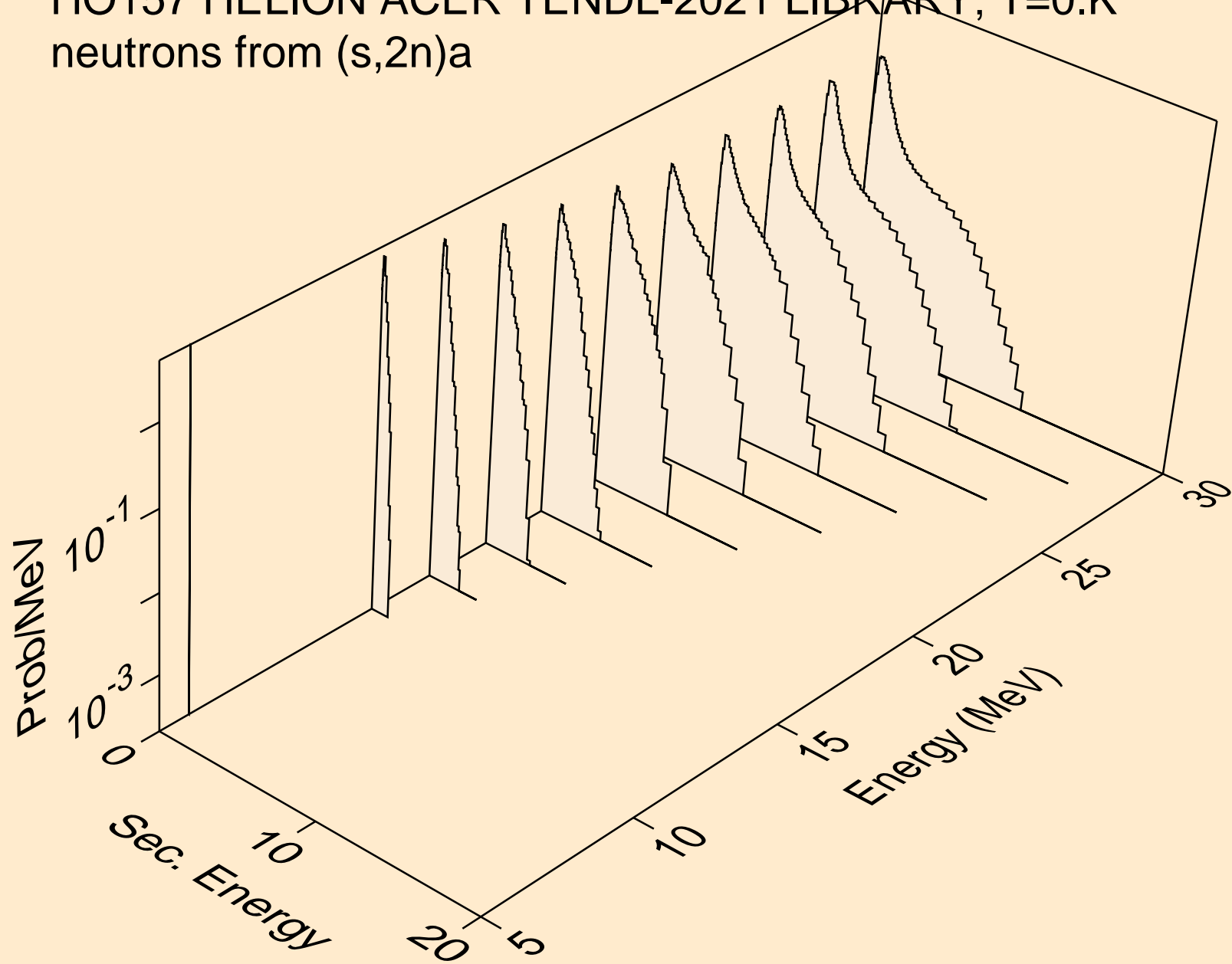




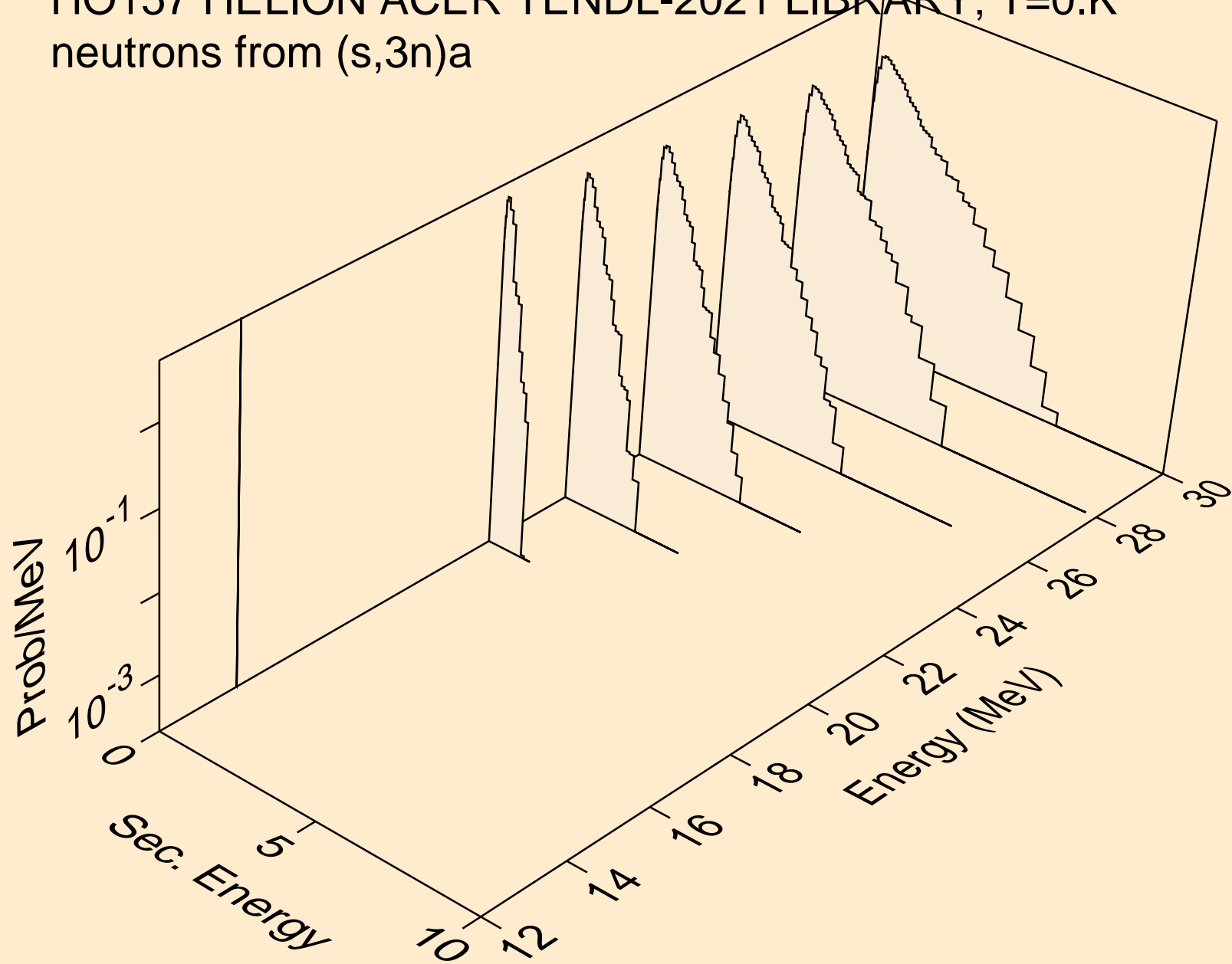
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



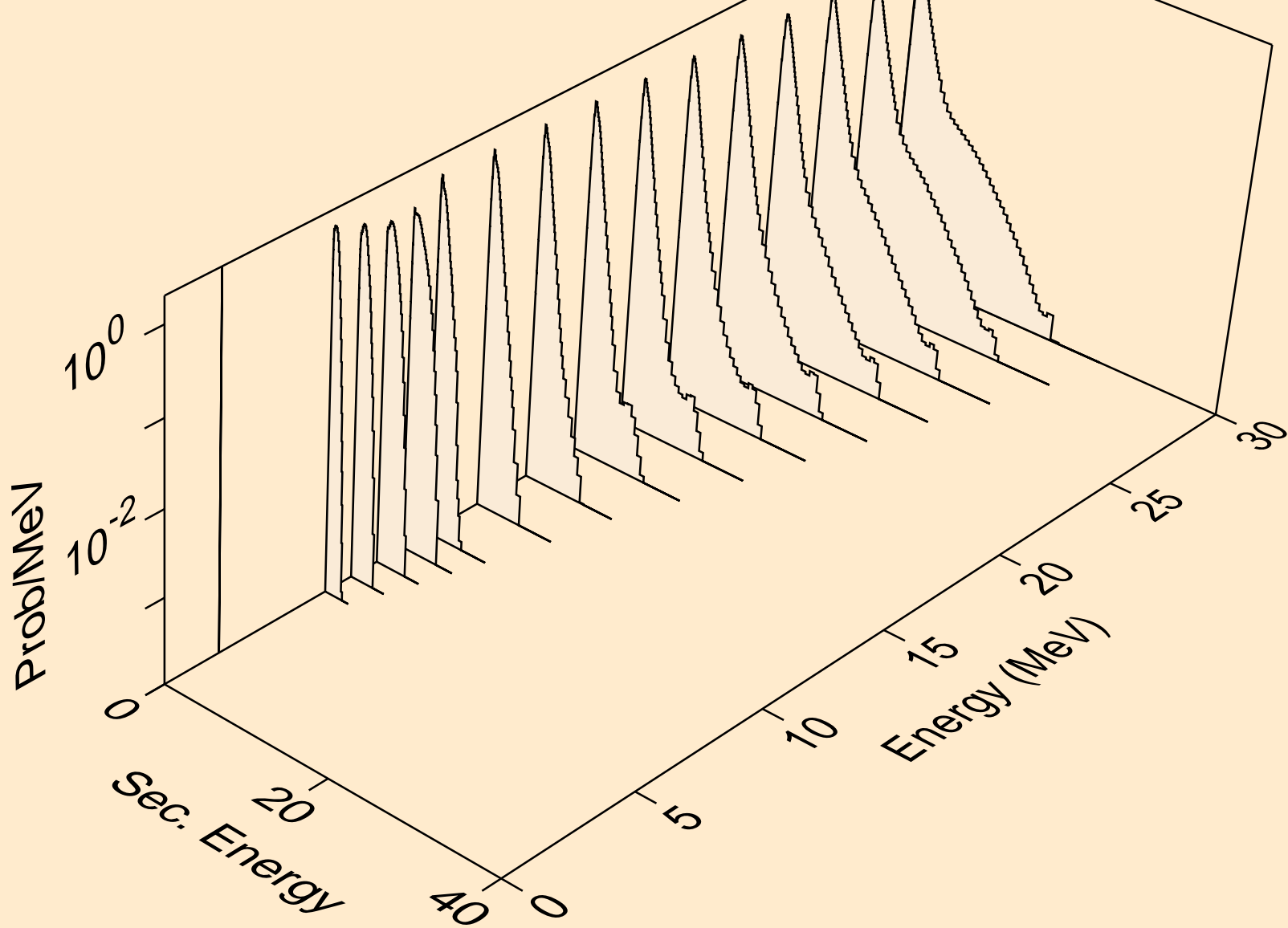
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neutrons from (s,2n)a



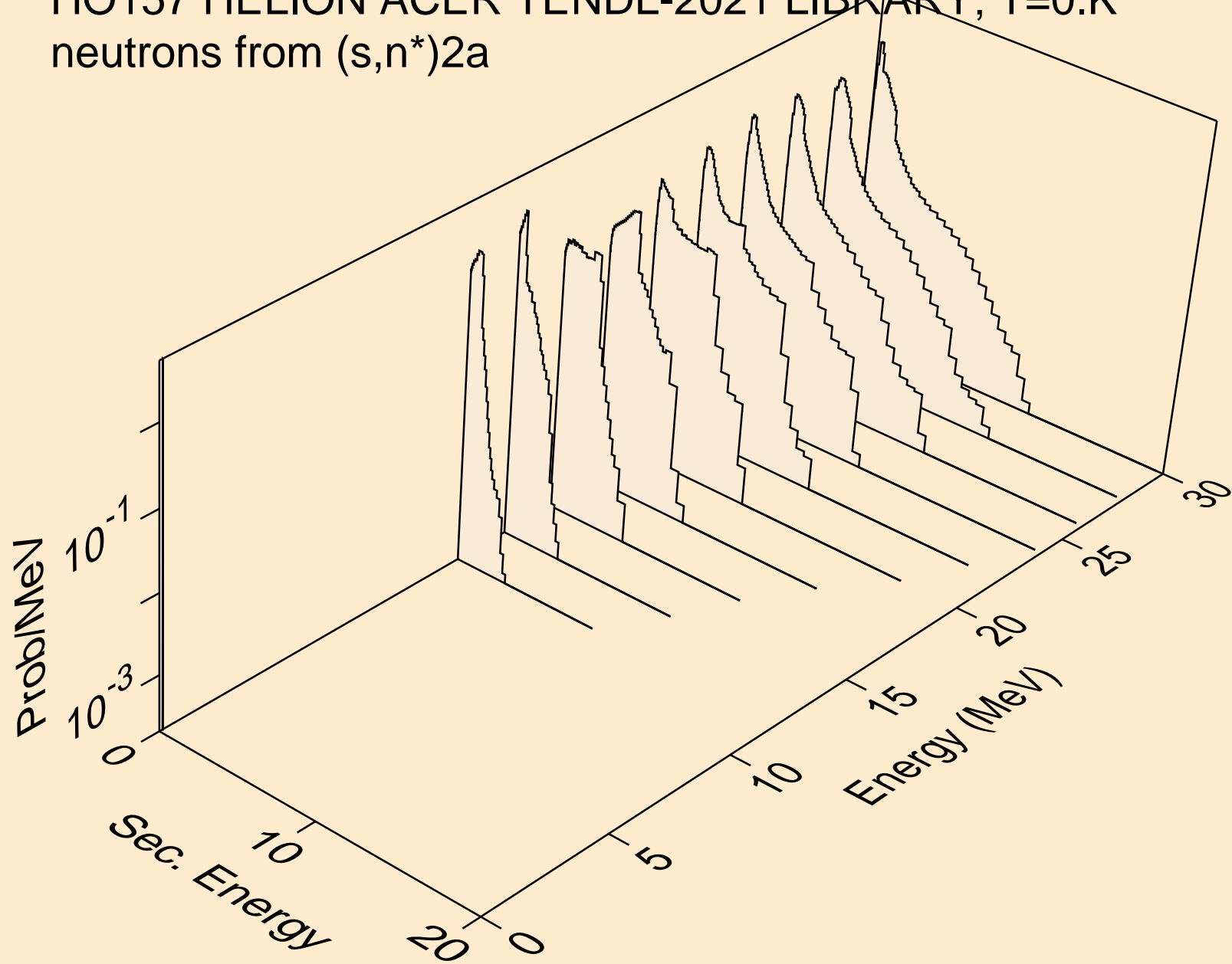
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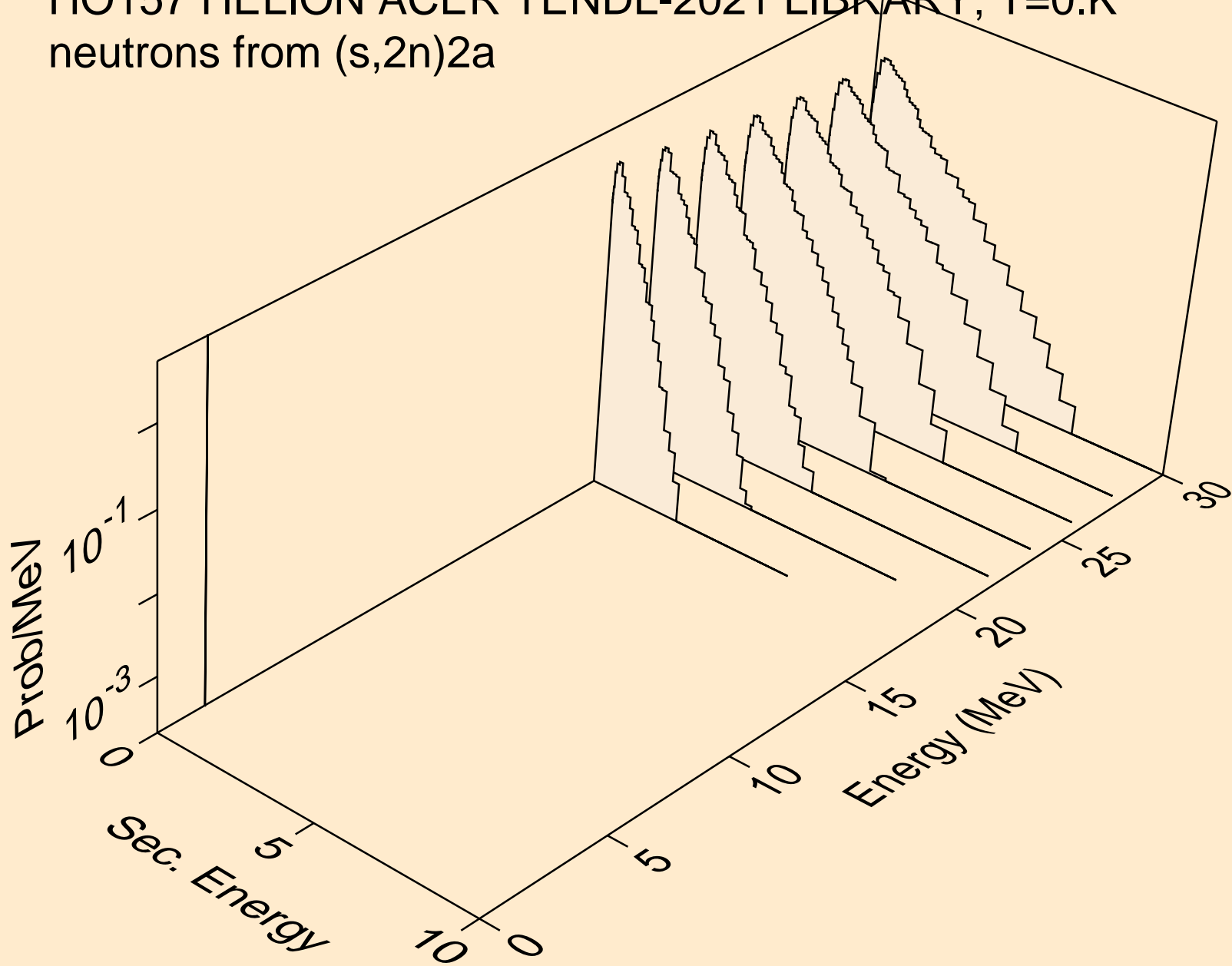
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neutrons from (s,n\*)p



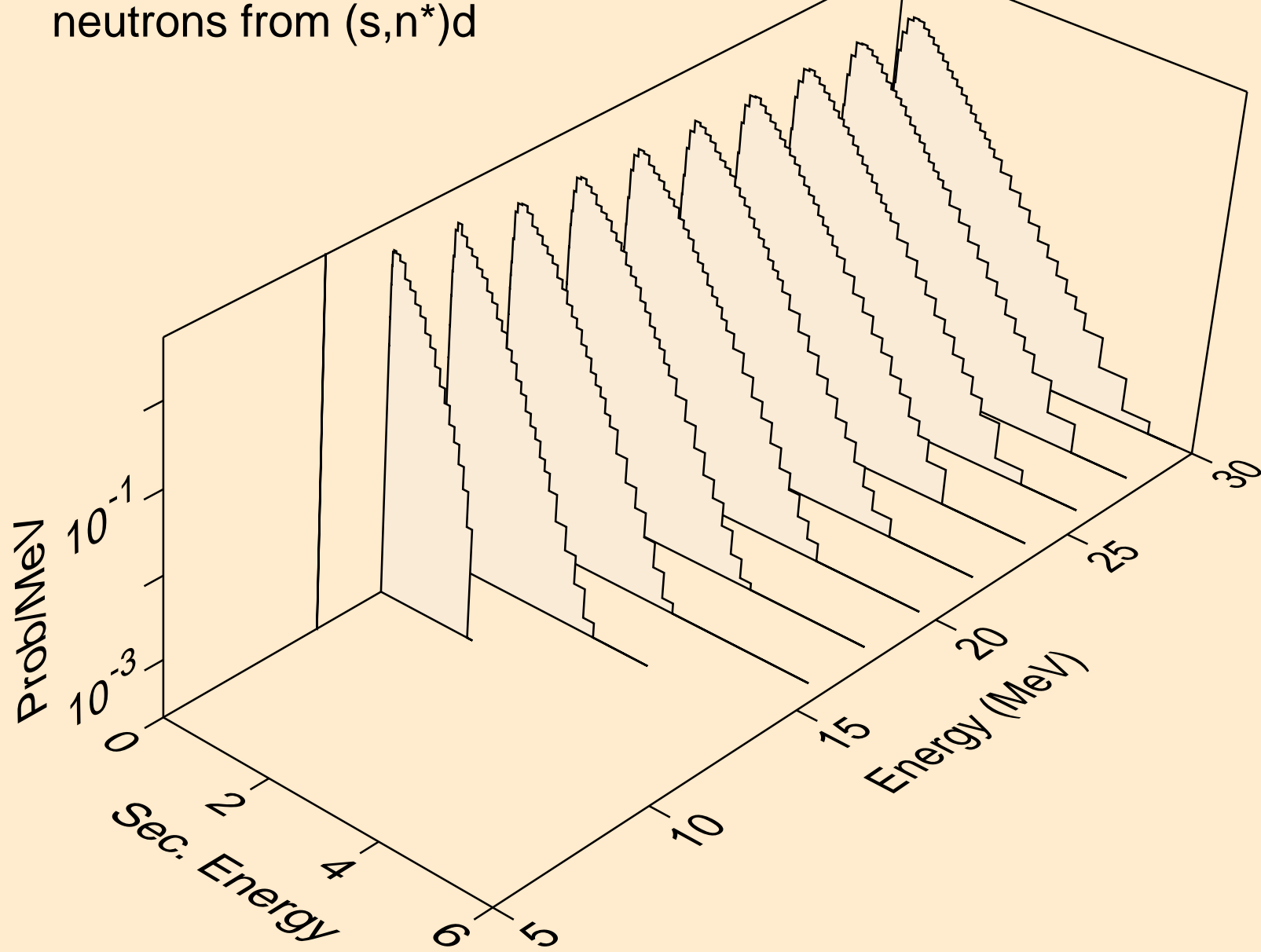
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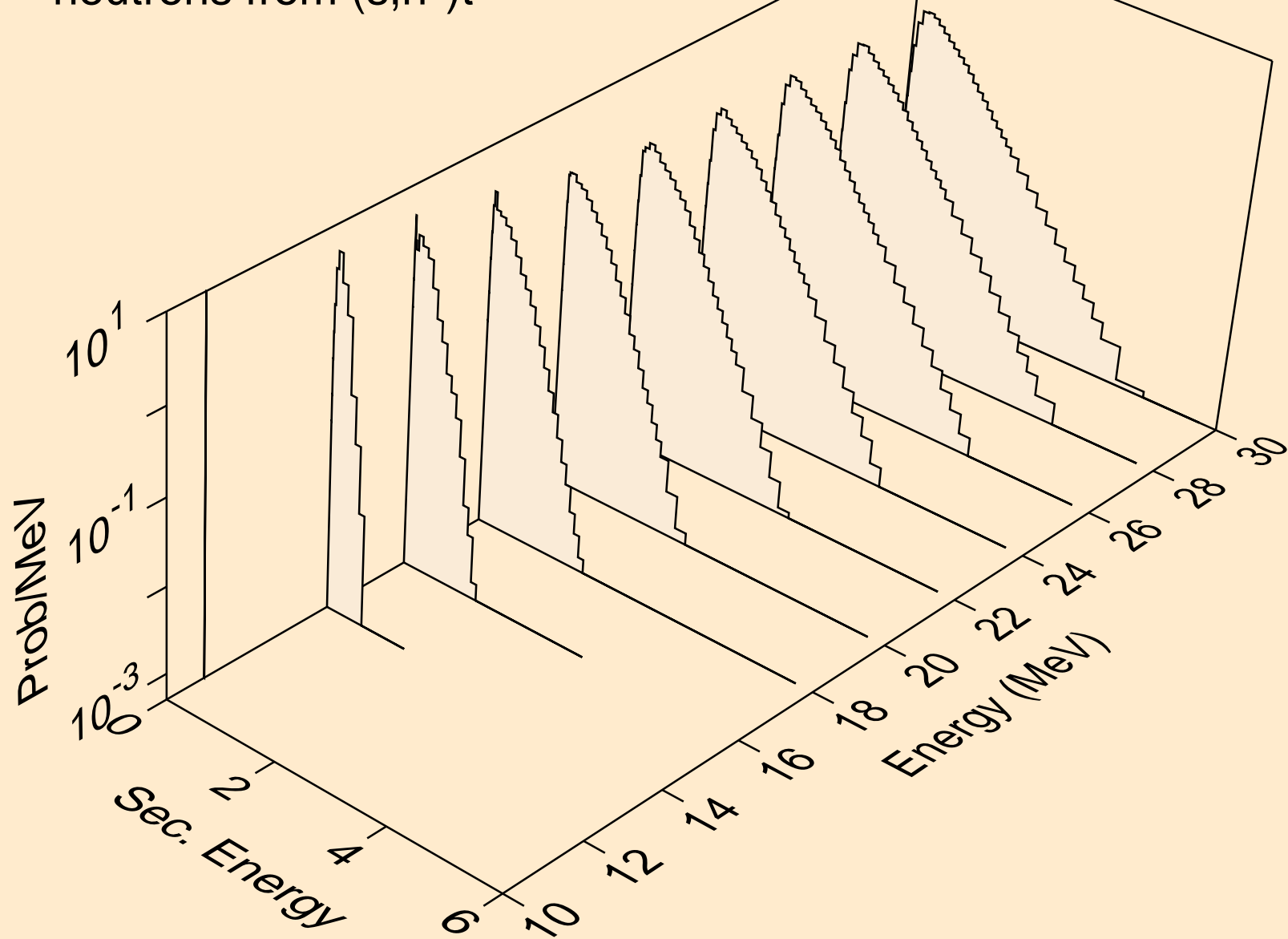
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neutrons from (s,2n)2a



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d

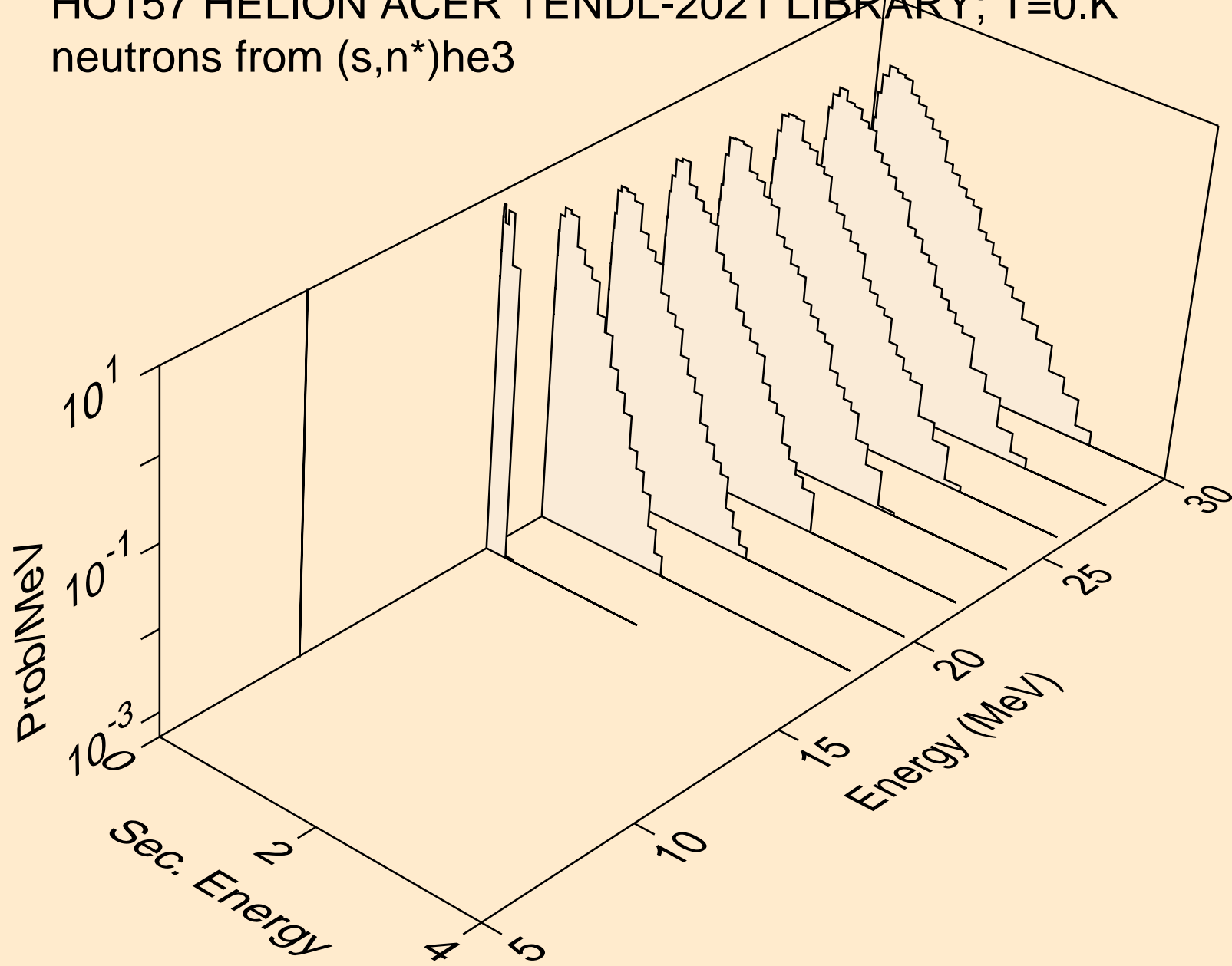


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neutrons from (s,n\*)t

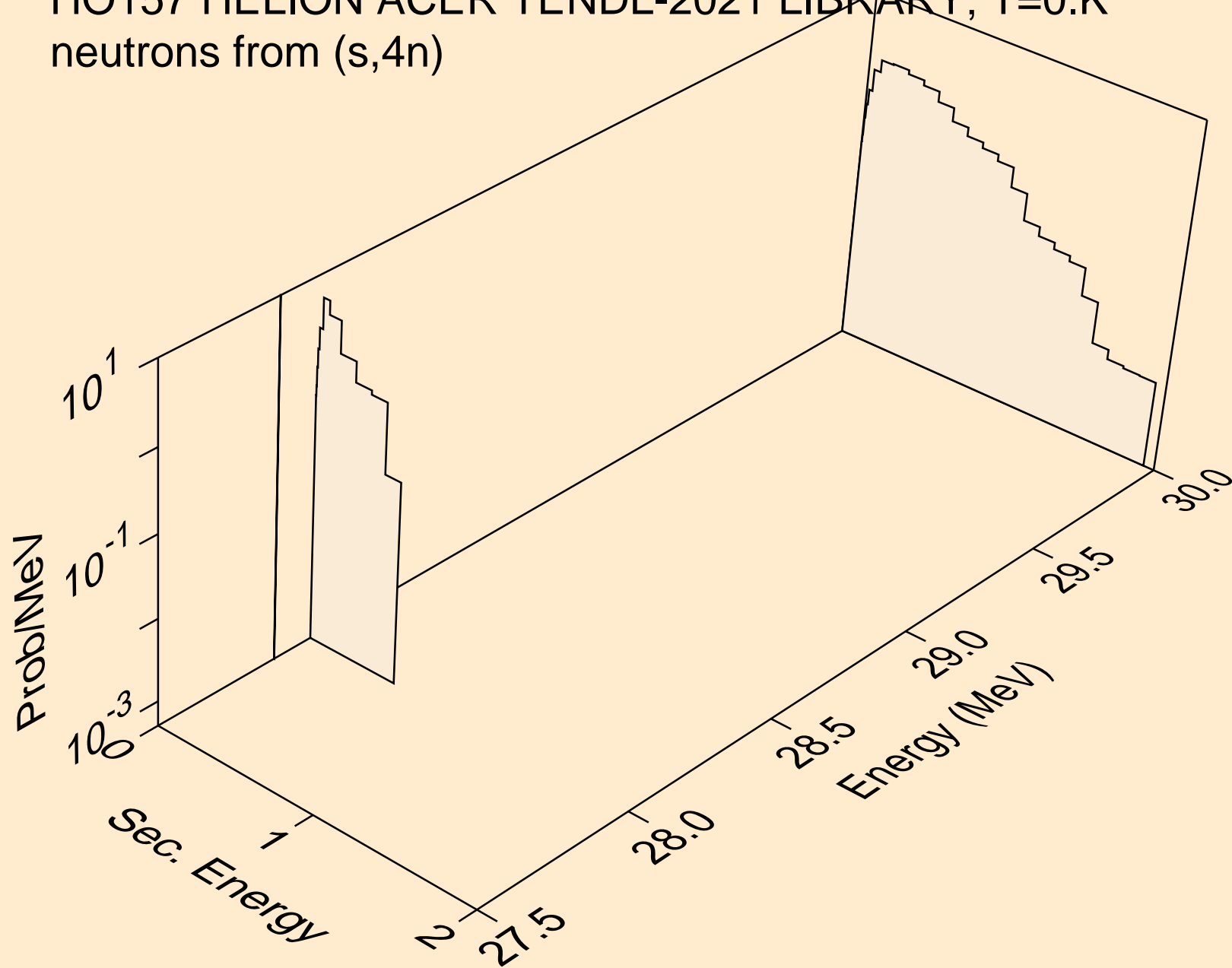




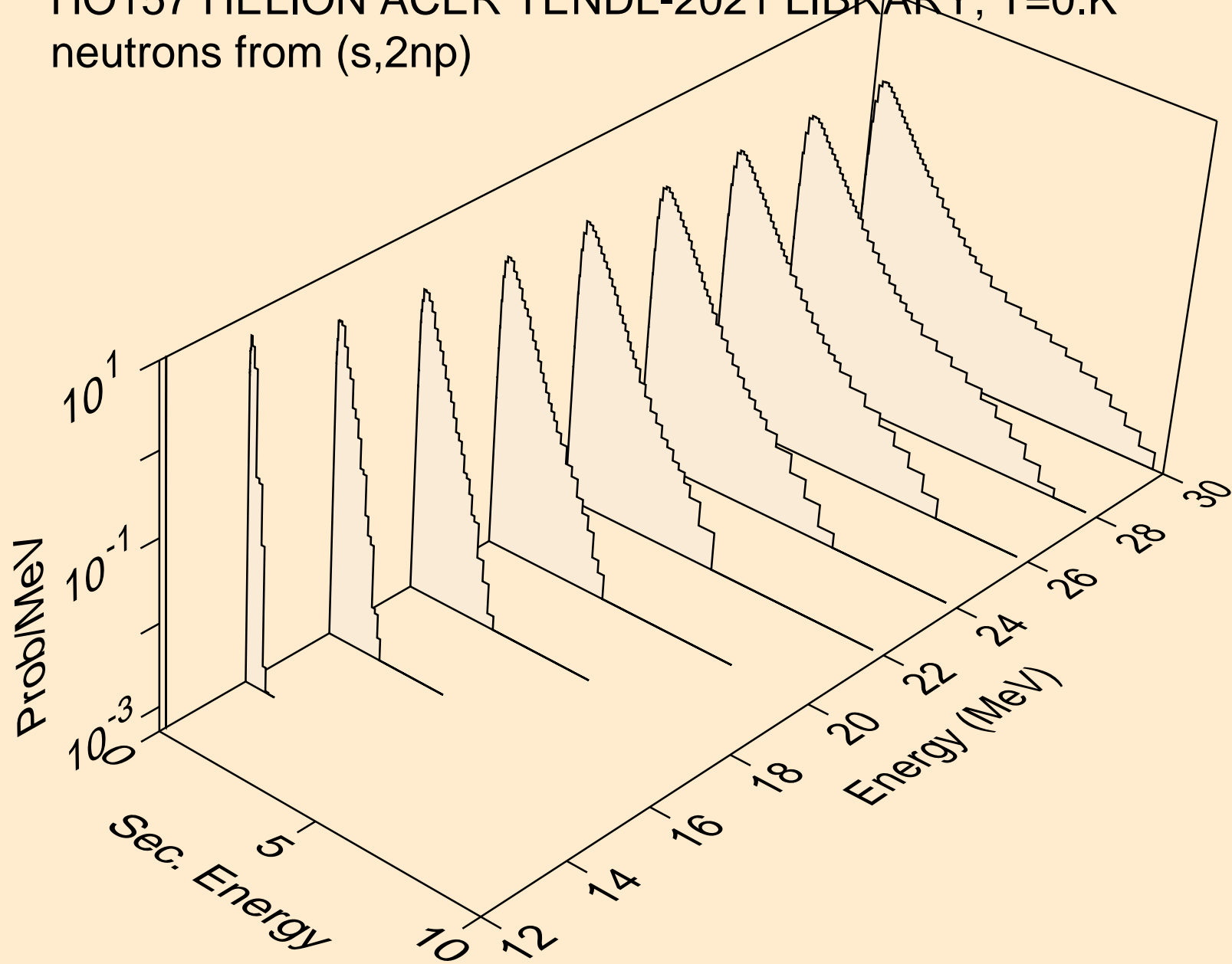
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neutrons from (s,n\*)he3



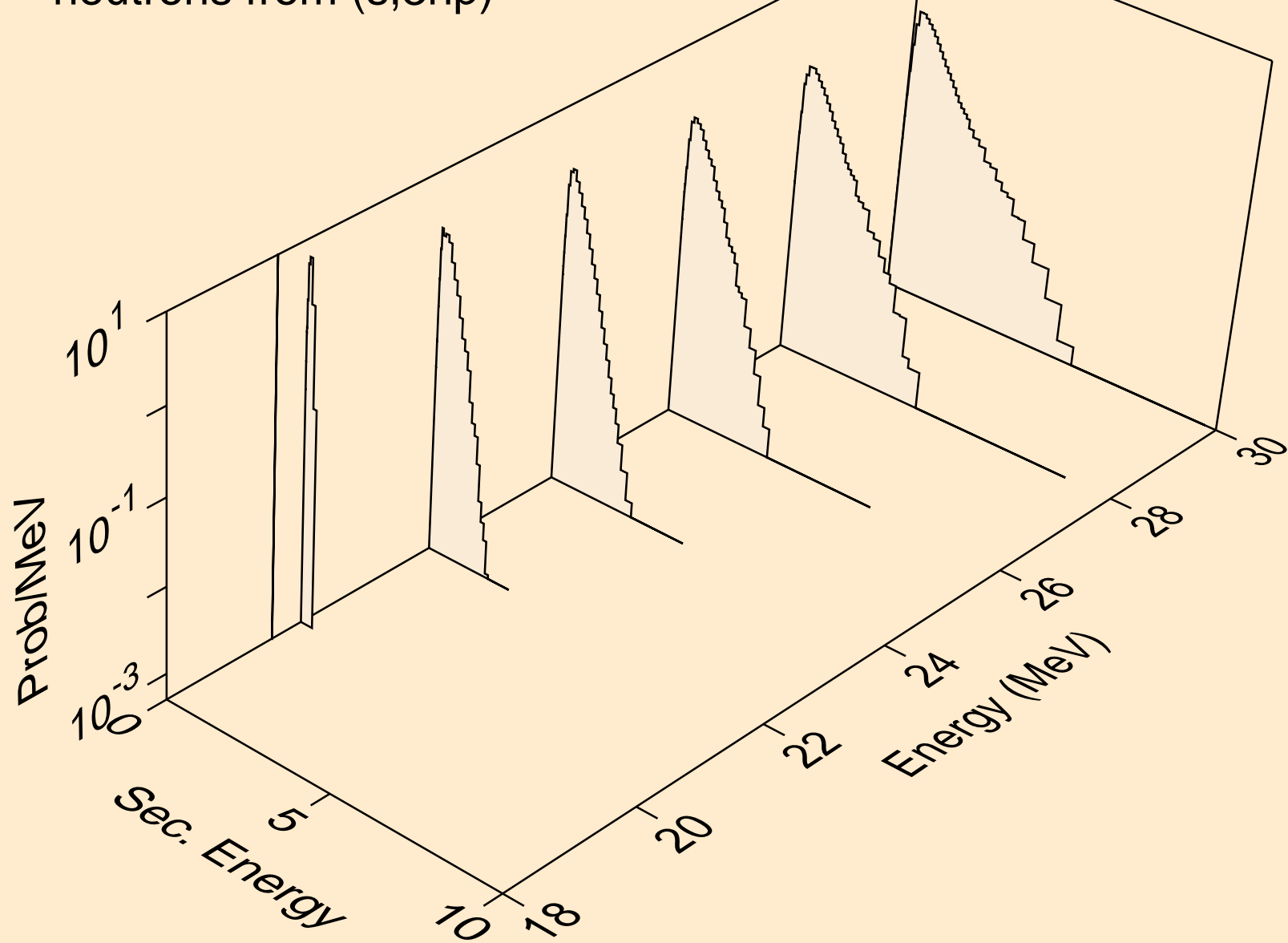
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neutrons from (s,4n)



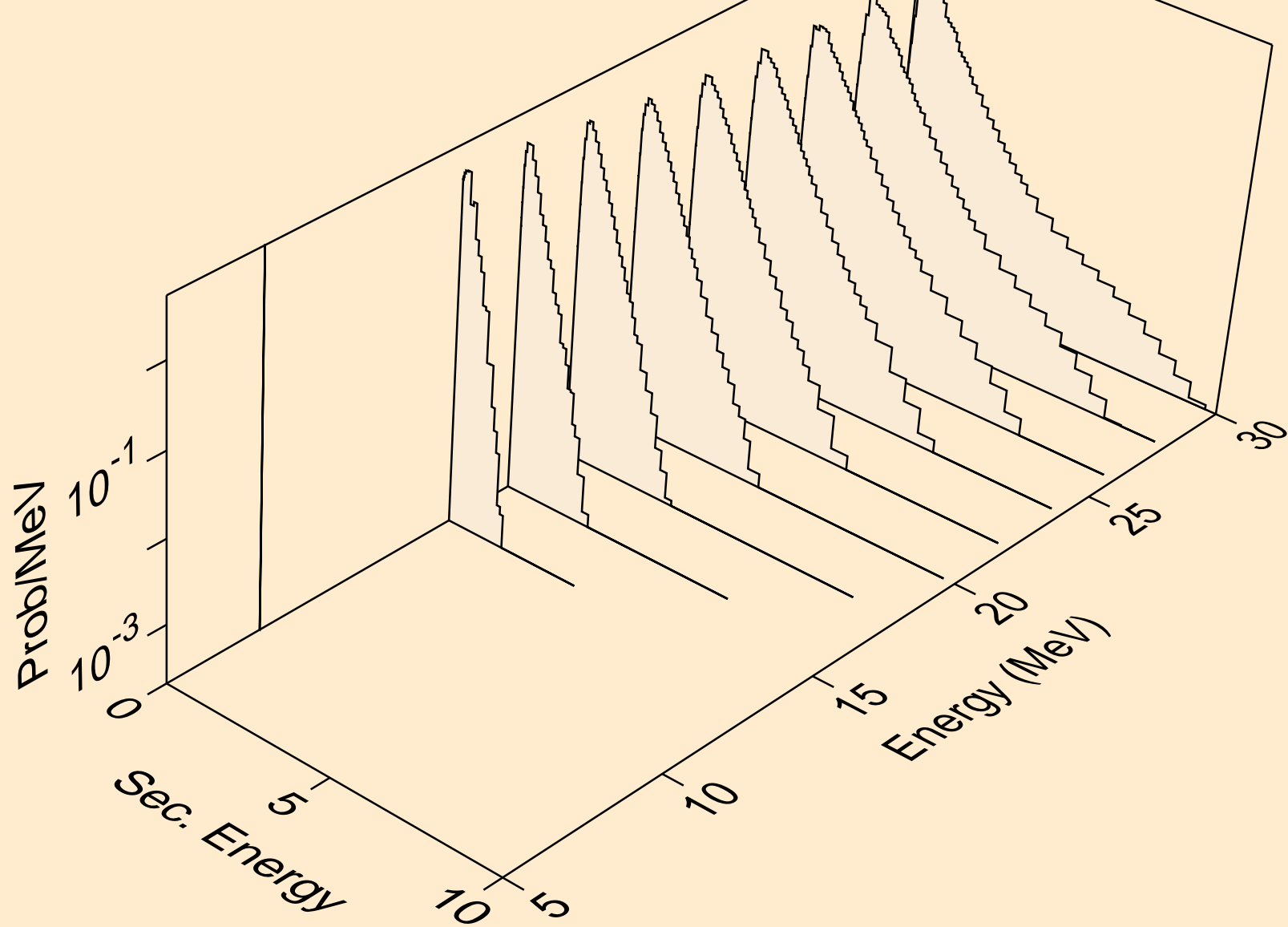
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



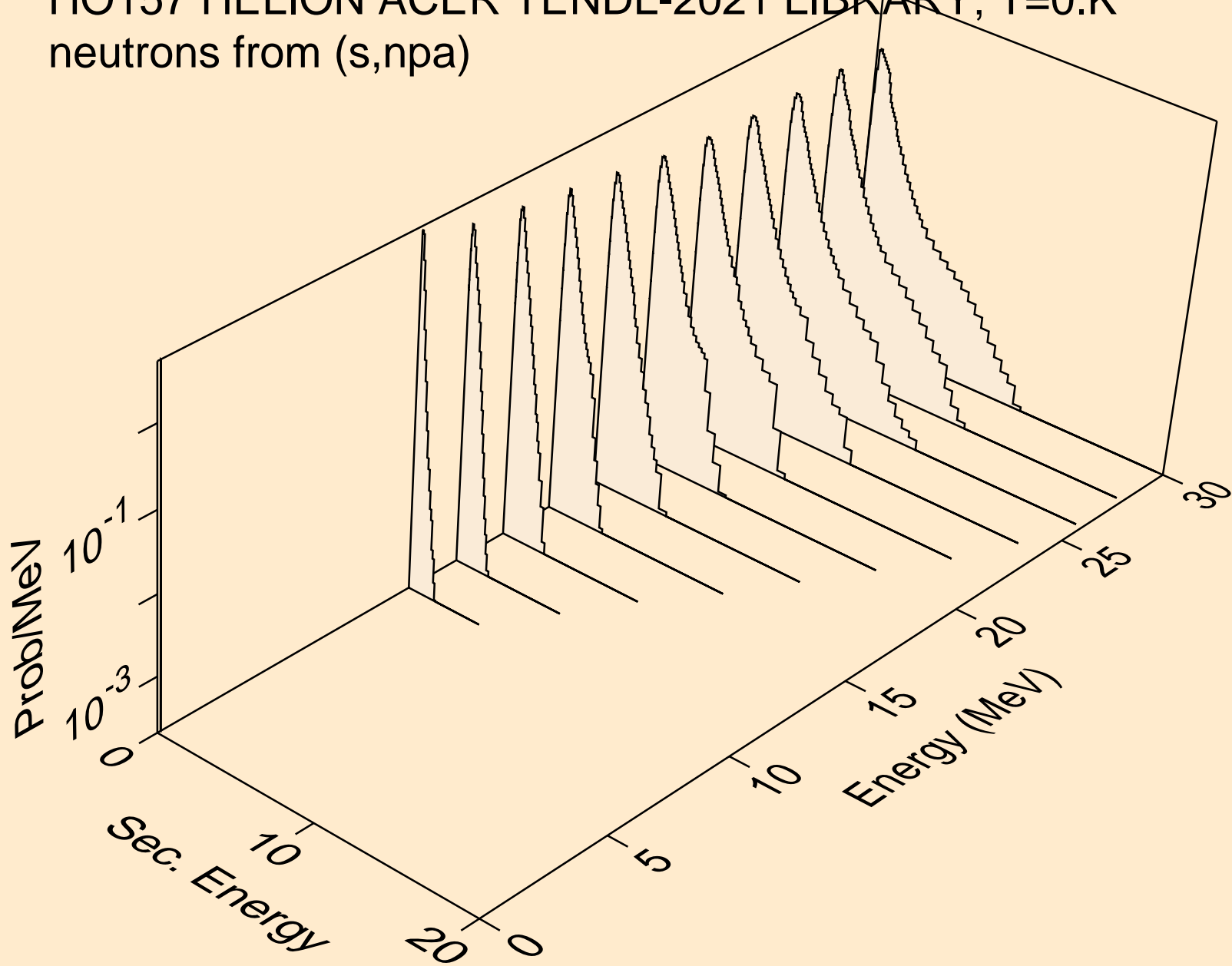
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neutrons from (s,3np)



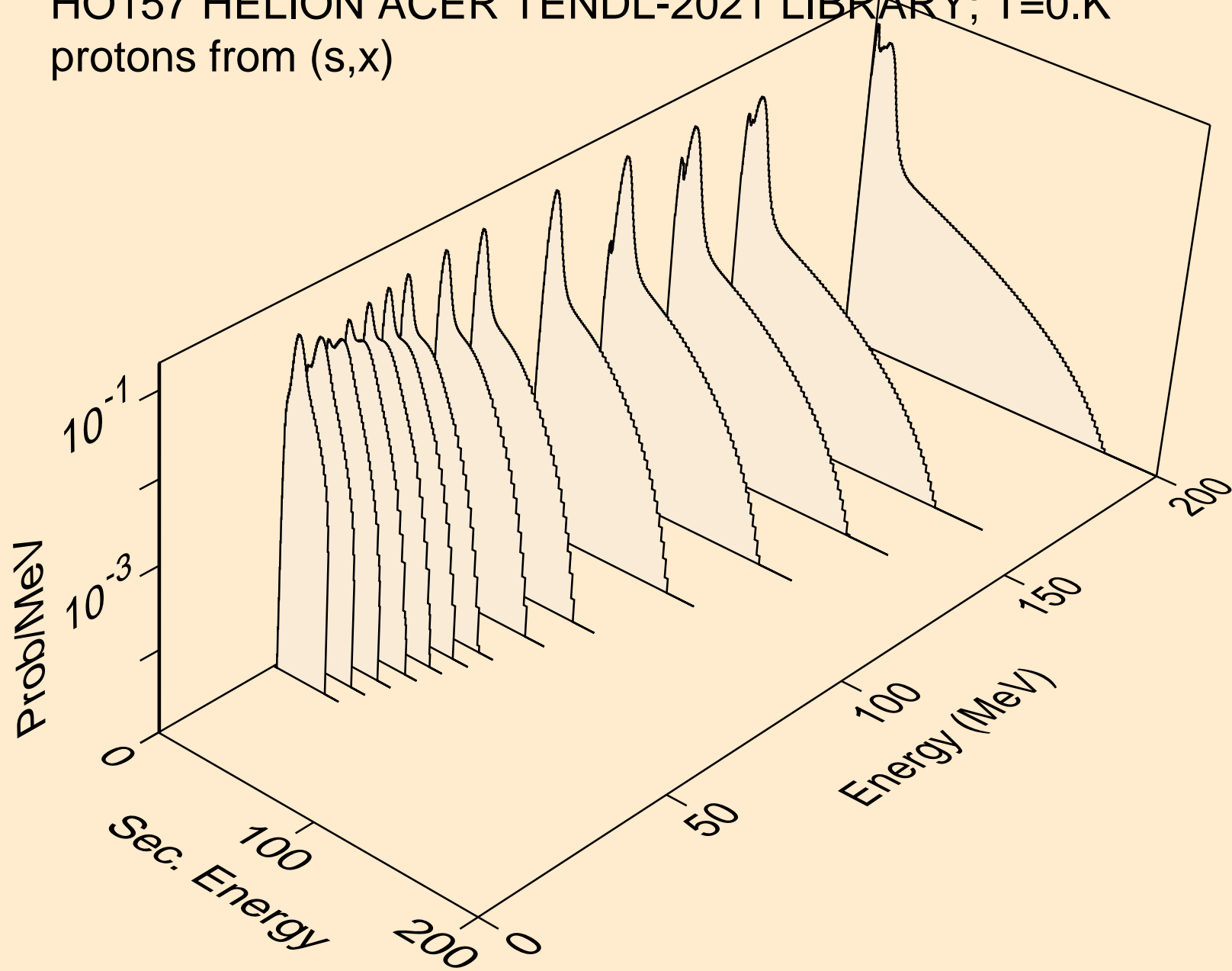
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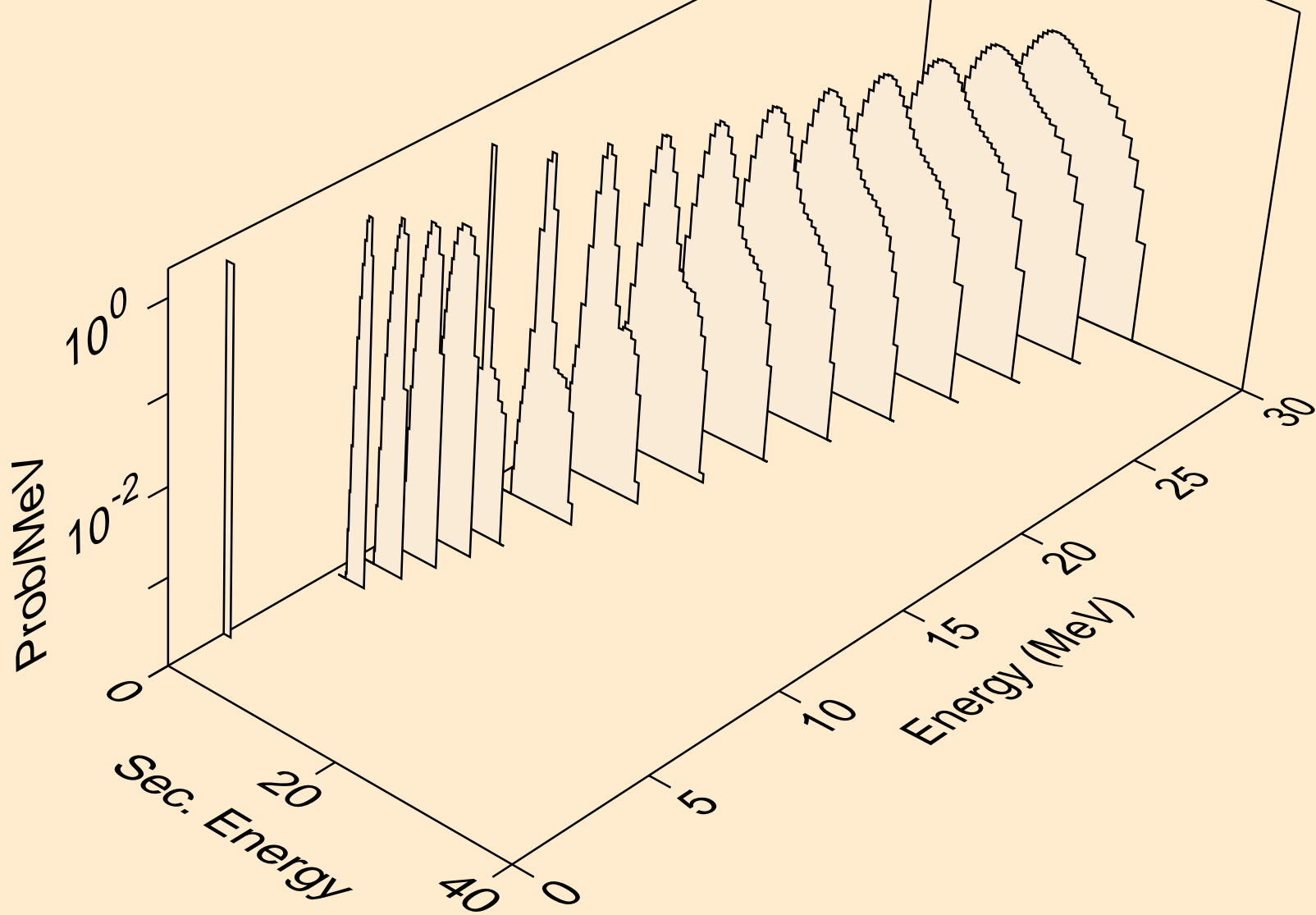
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)

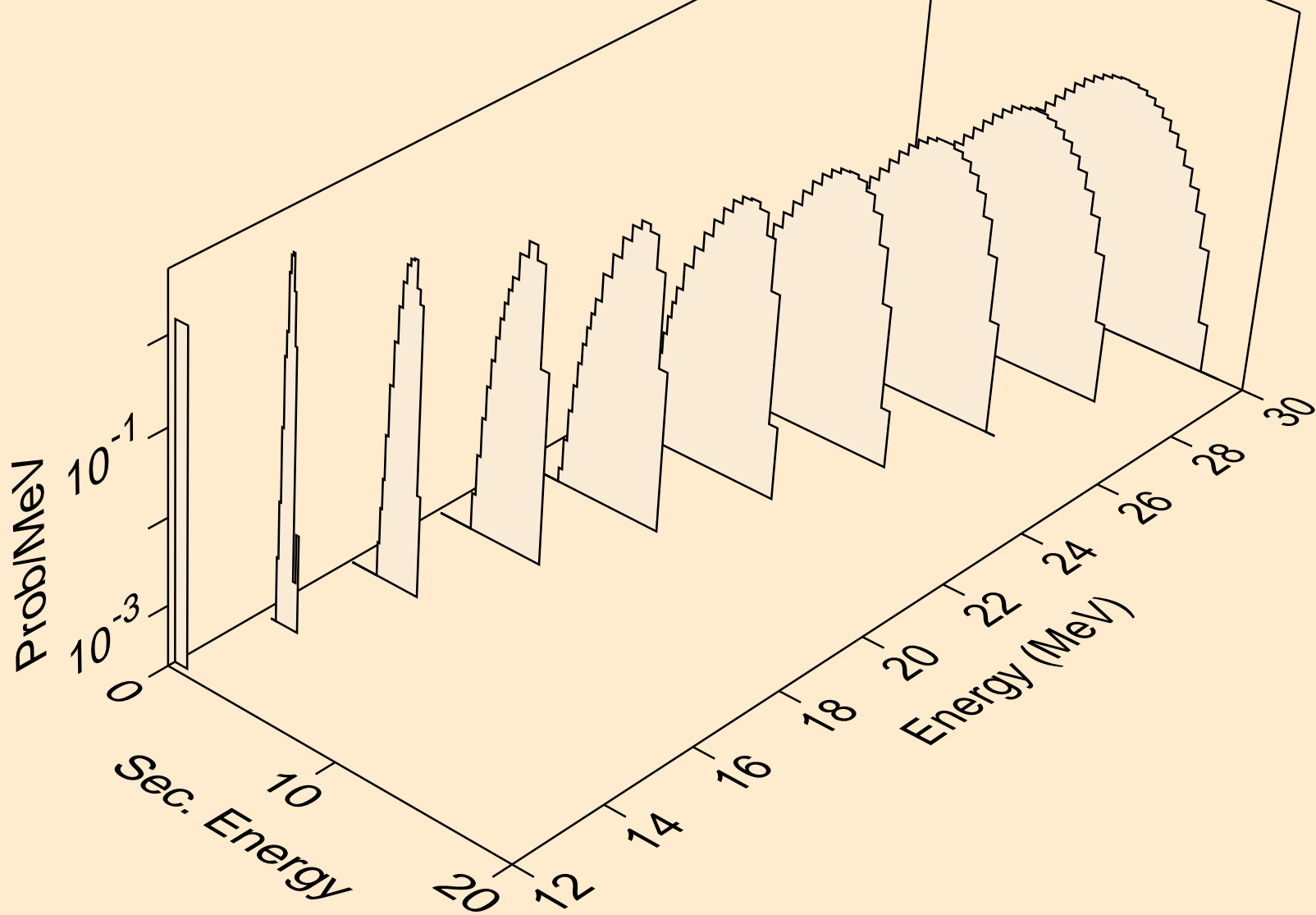


HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p

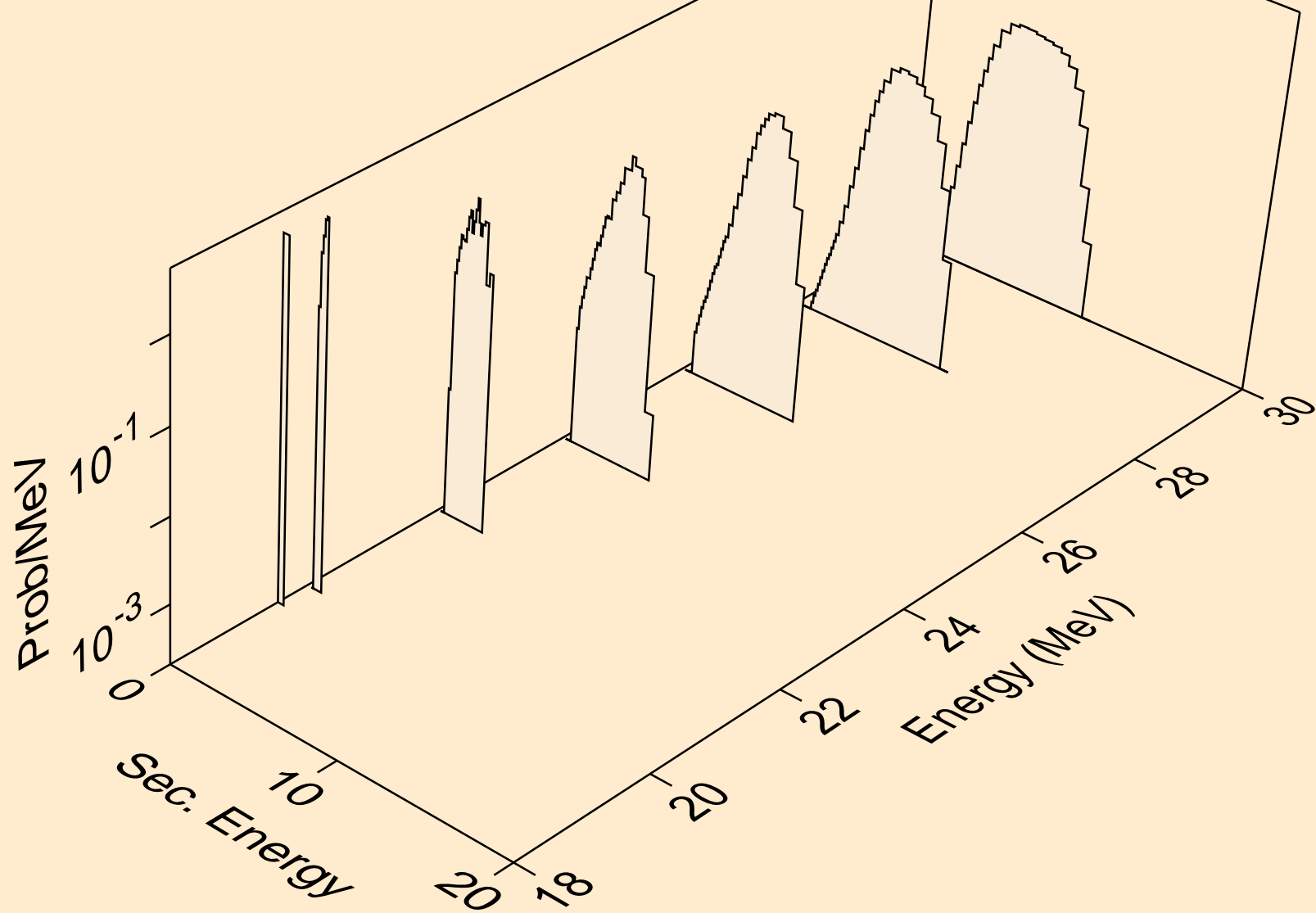




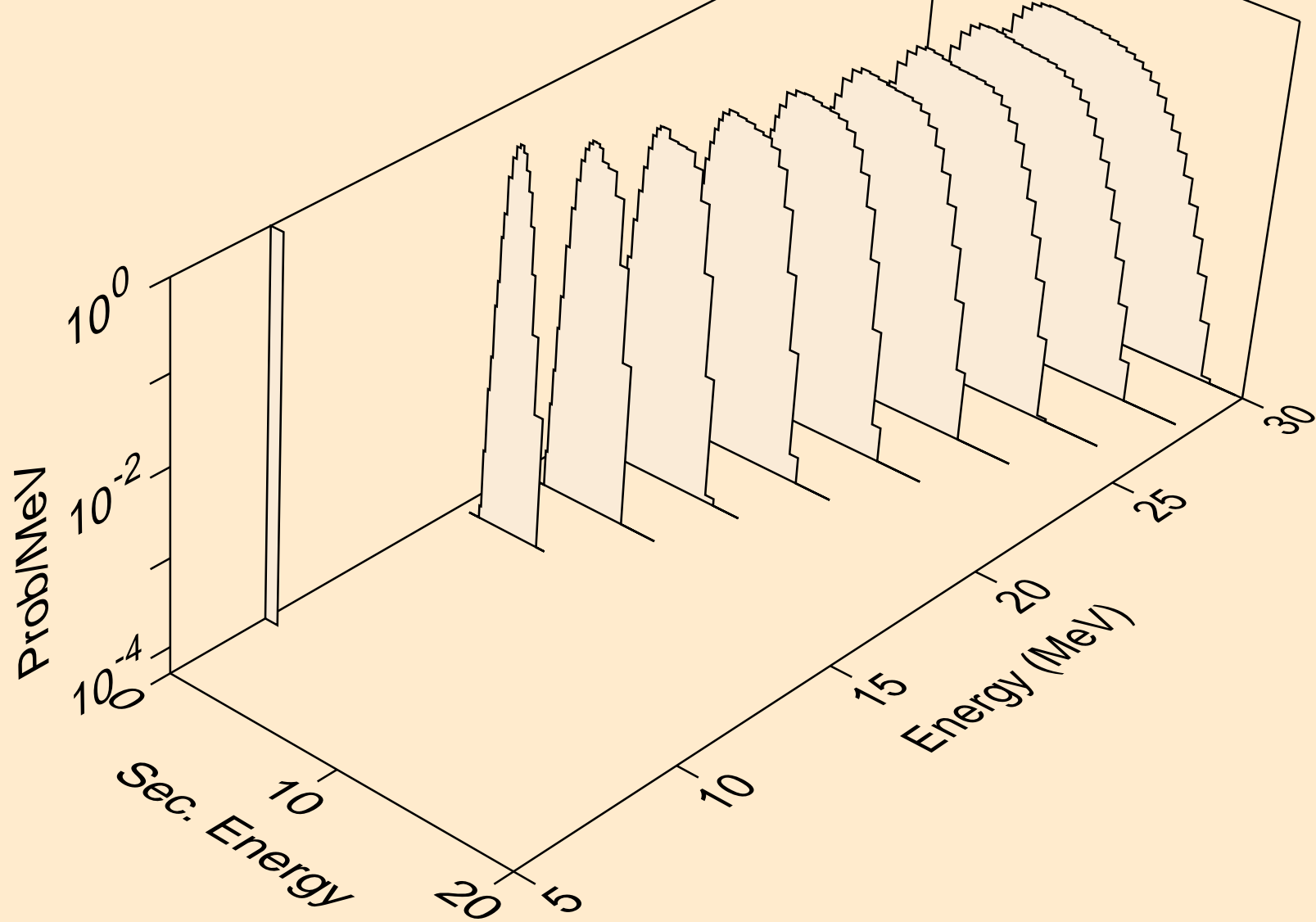
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protons from (s,2np)



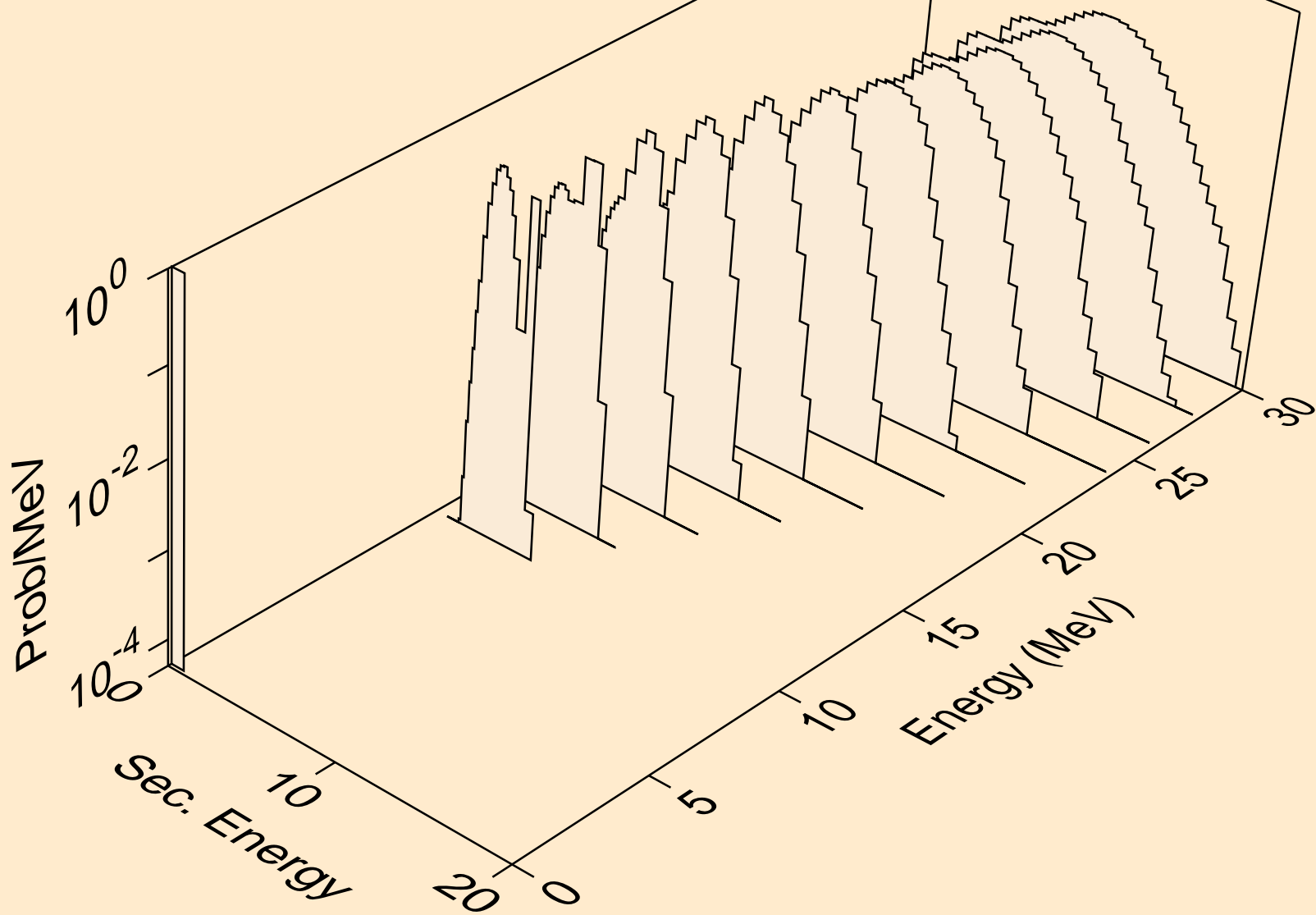
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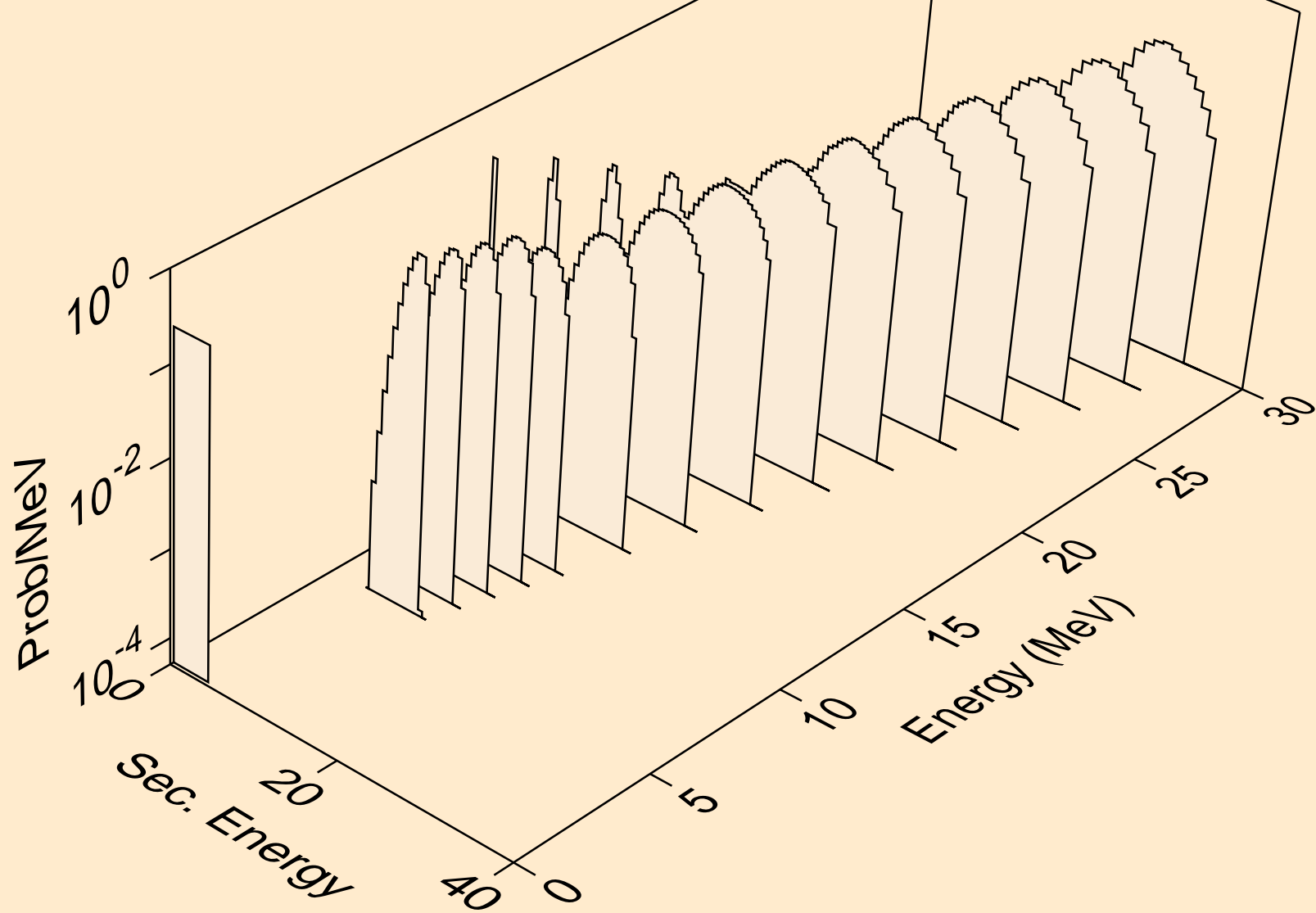
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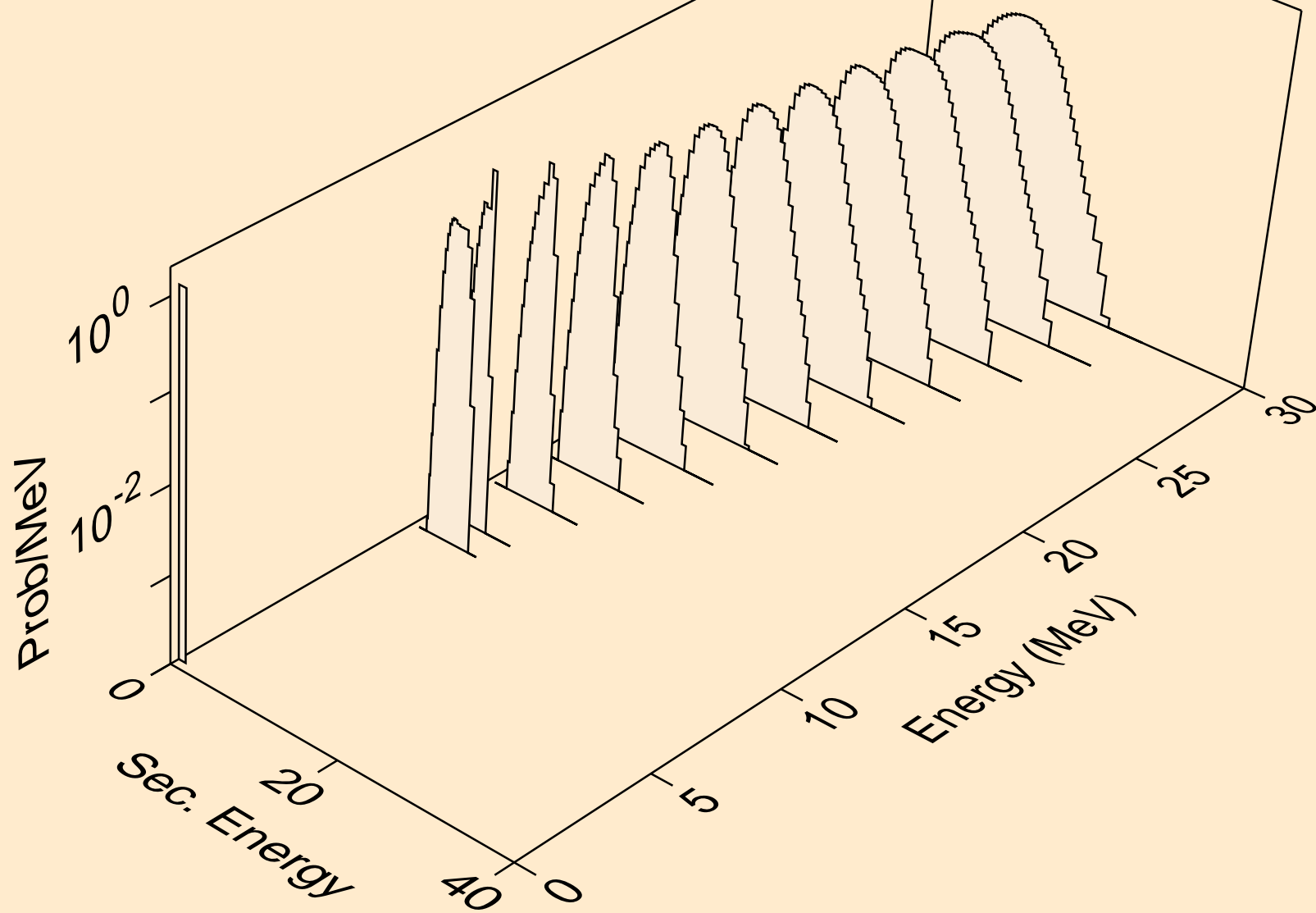
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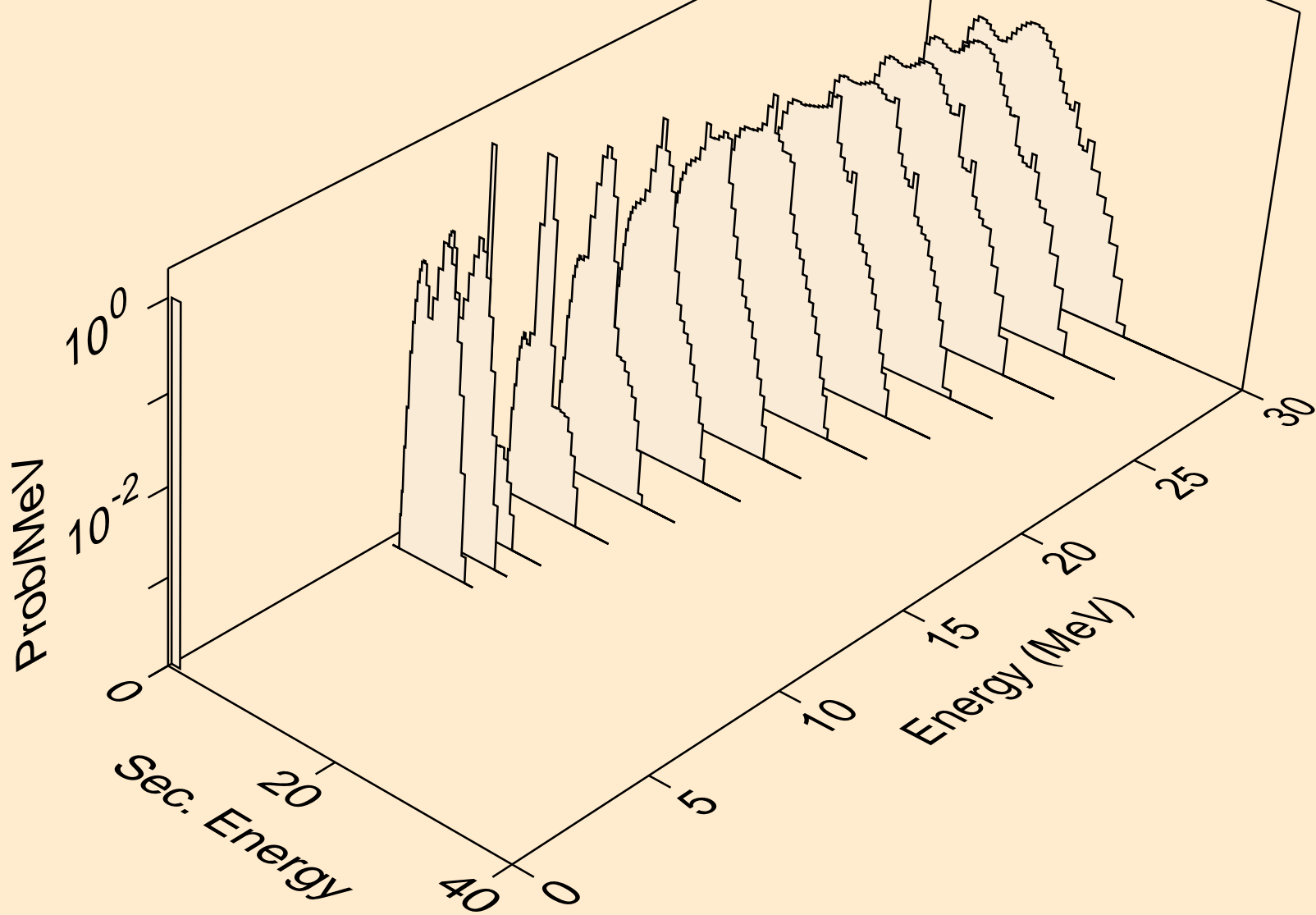
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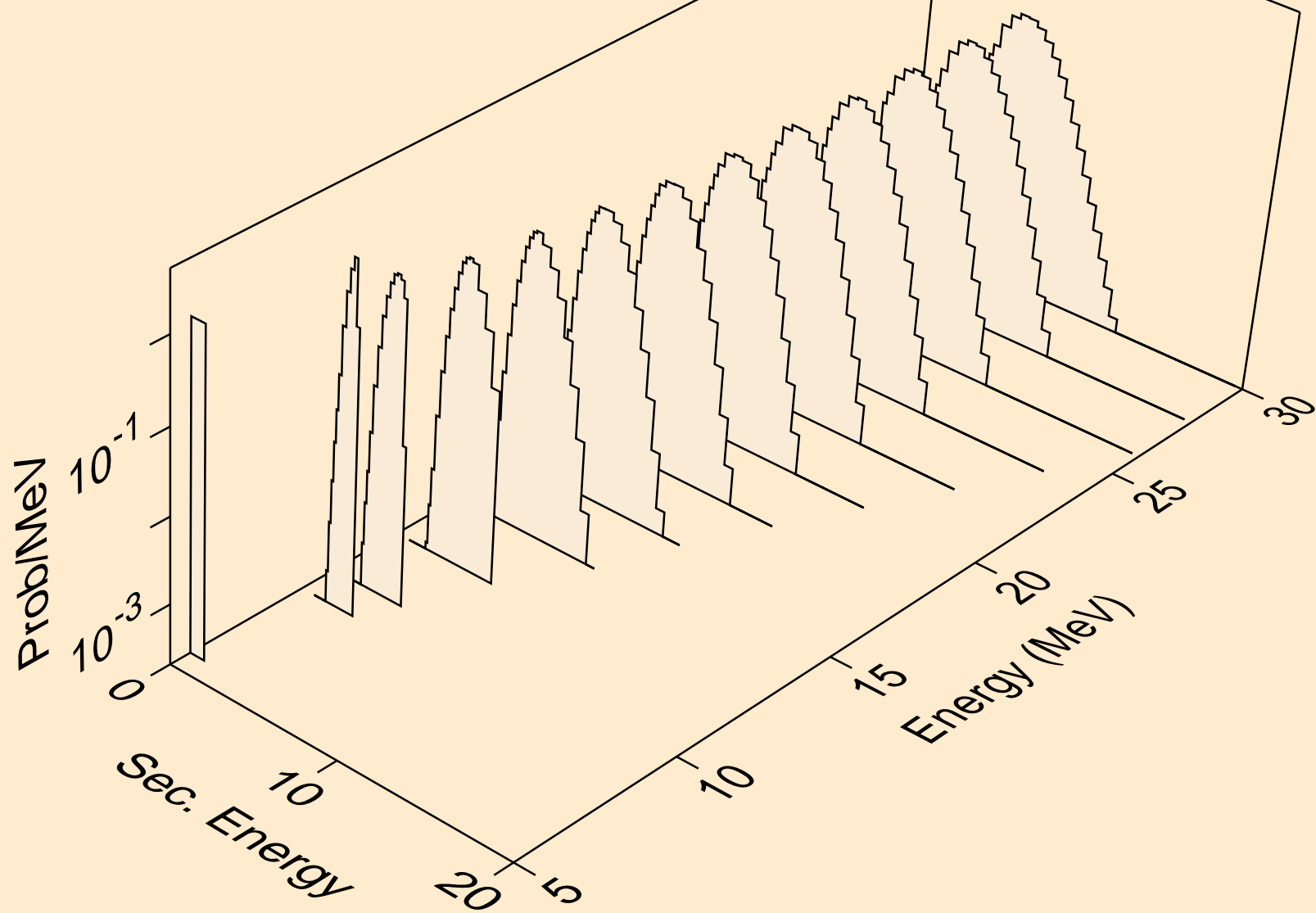
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protons from (s,2p)



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)

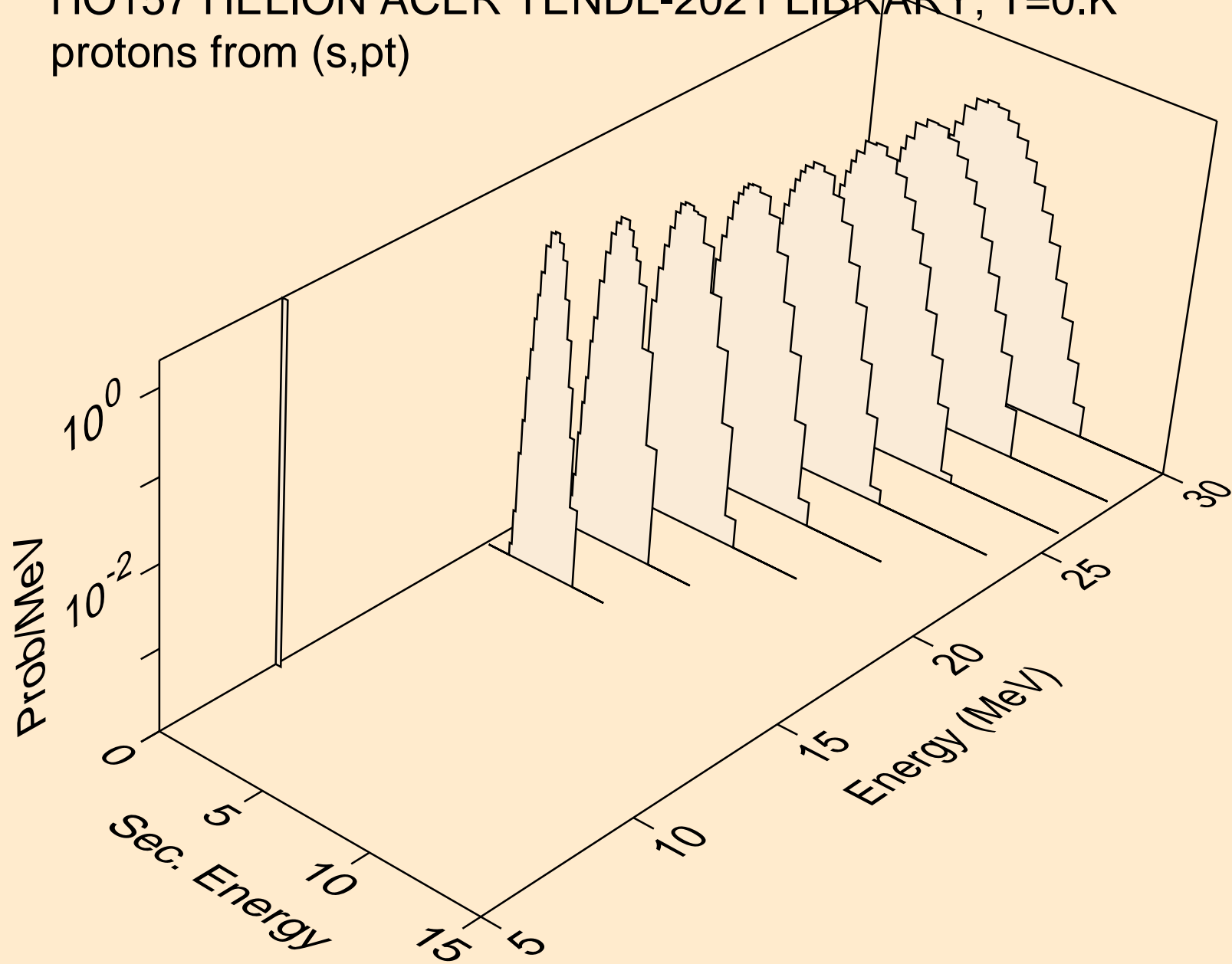


HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)

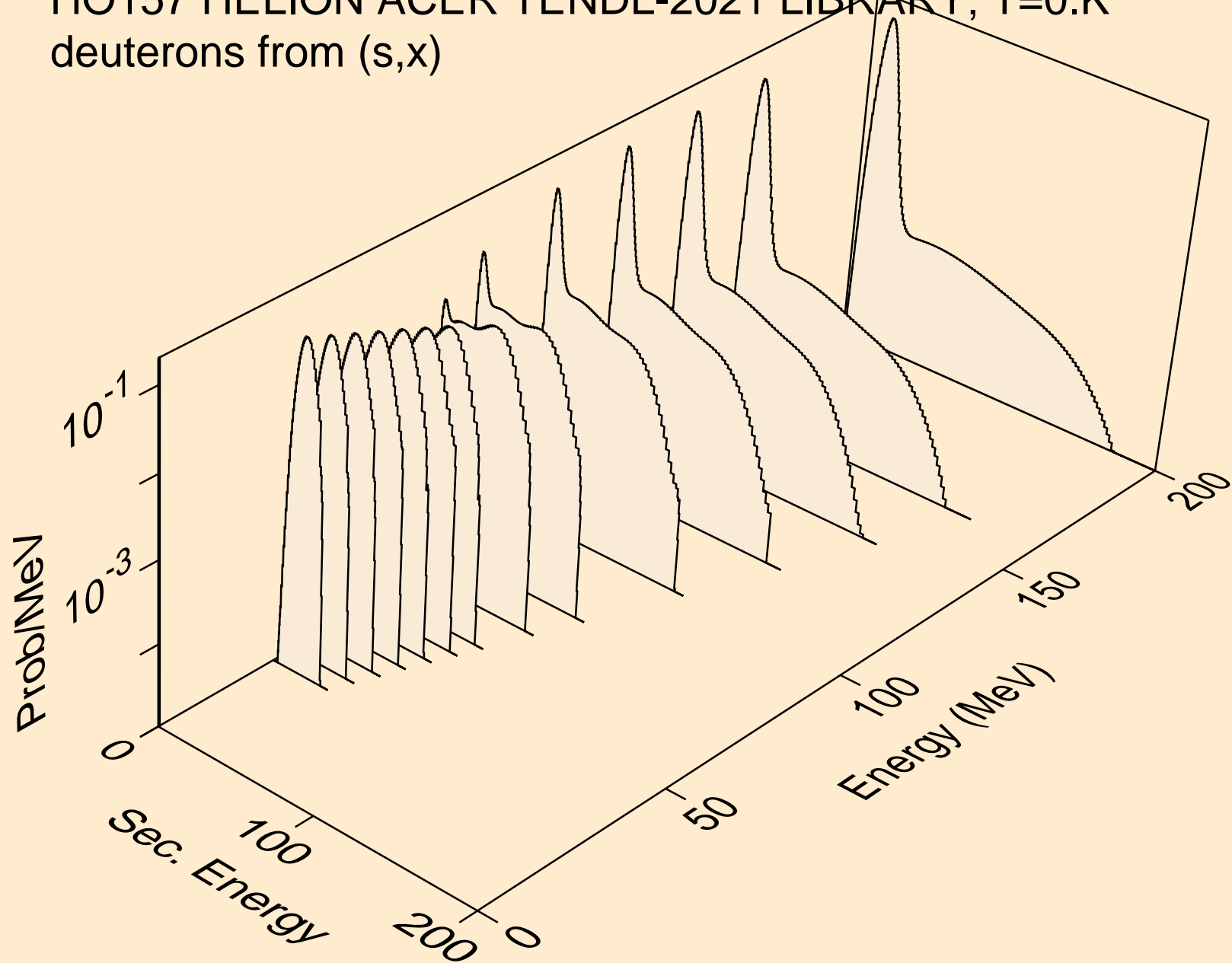




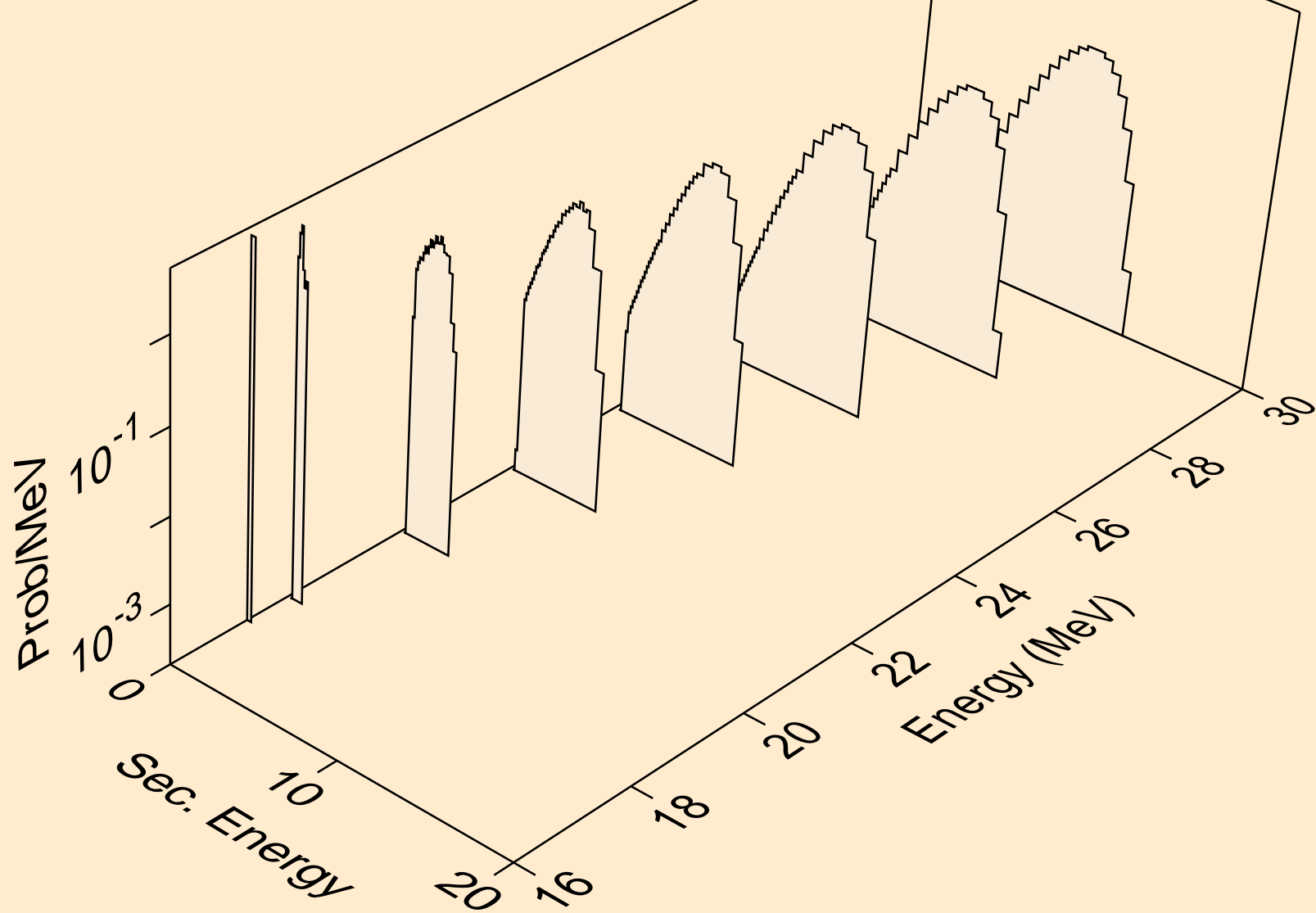
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protons from (s,pt)



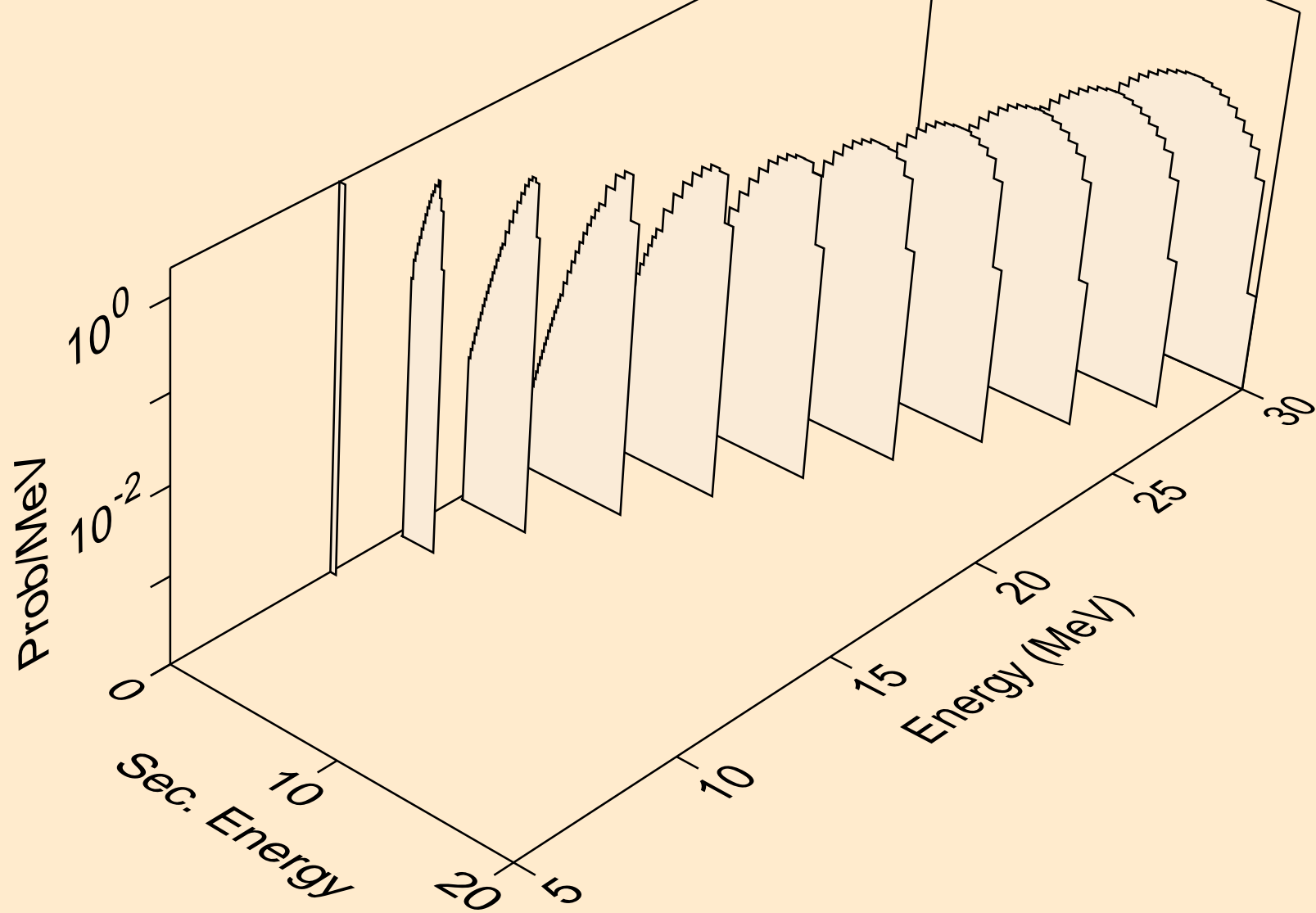
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deuterons from (s,x)



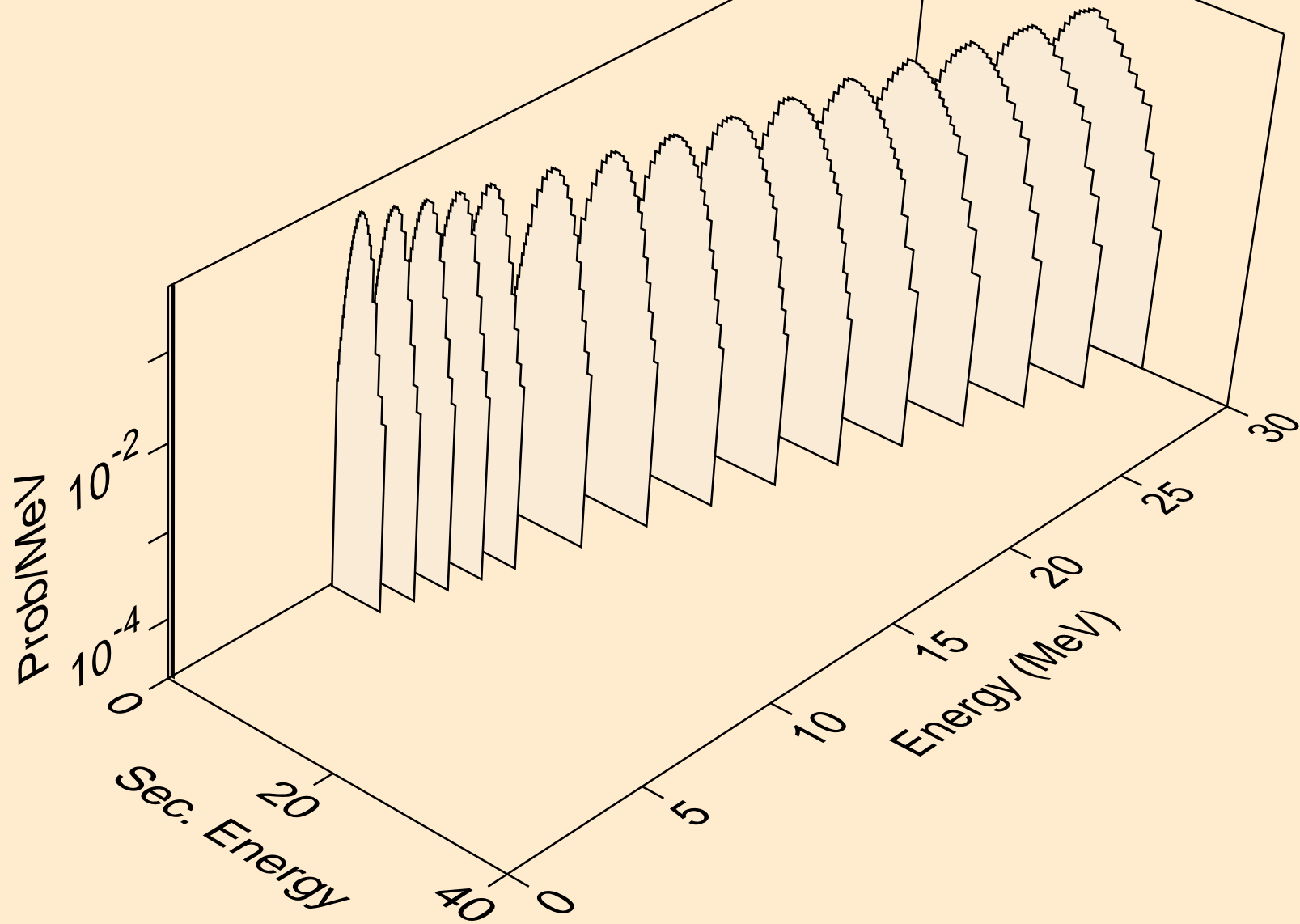
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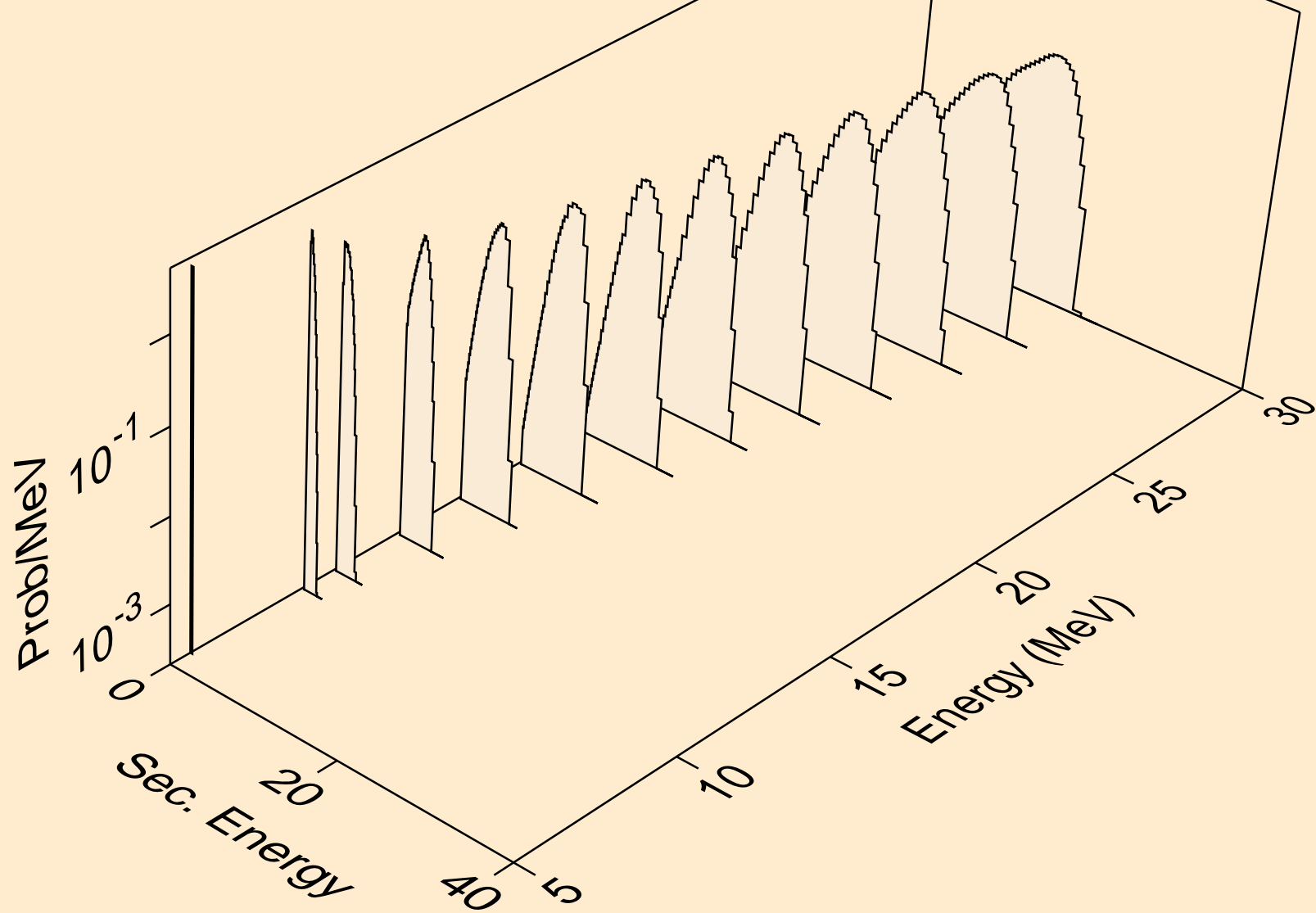
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deuterons from (s,n\*)d



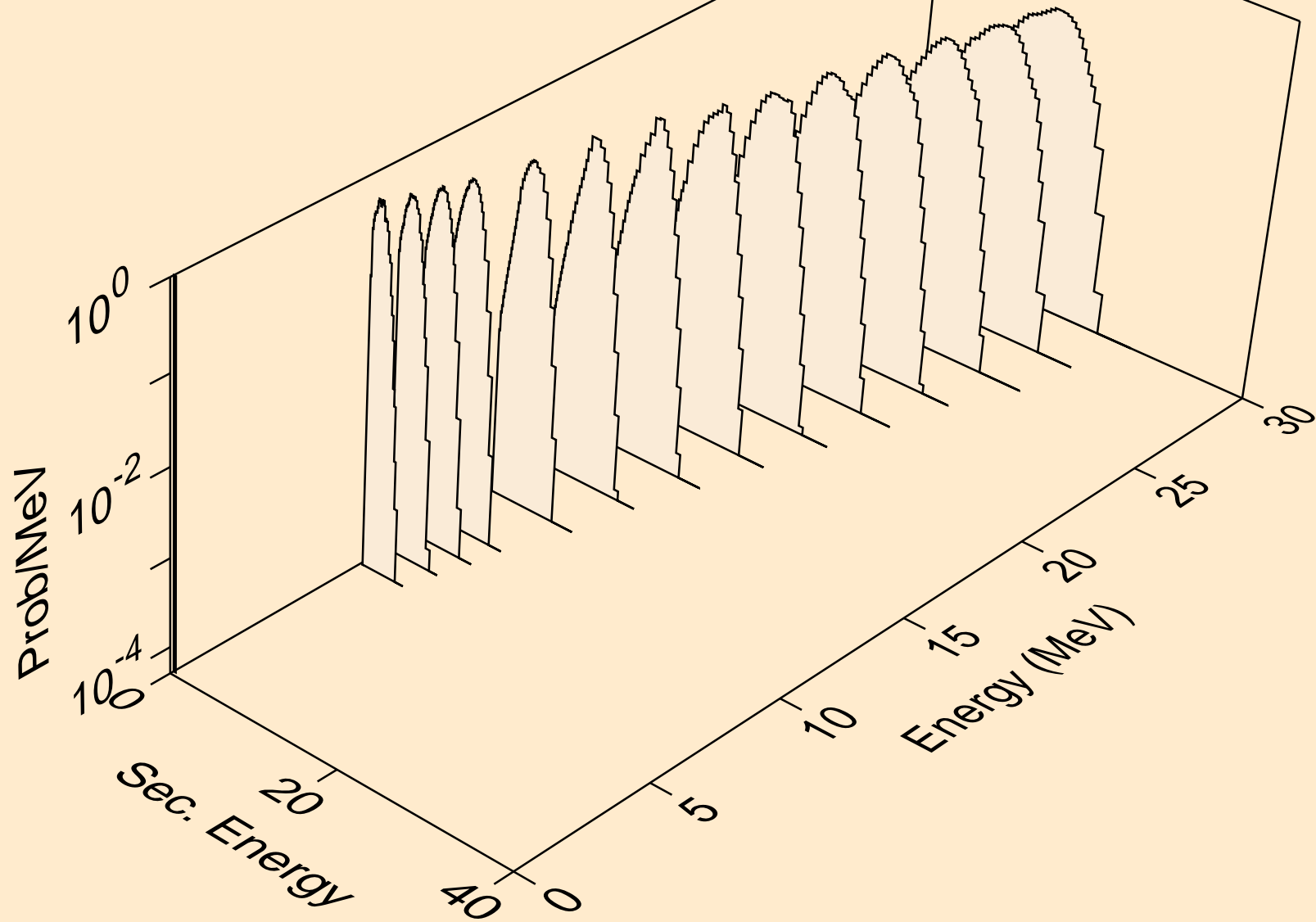
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deuterons from (s,d)



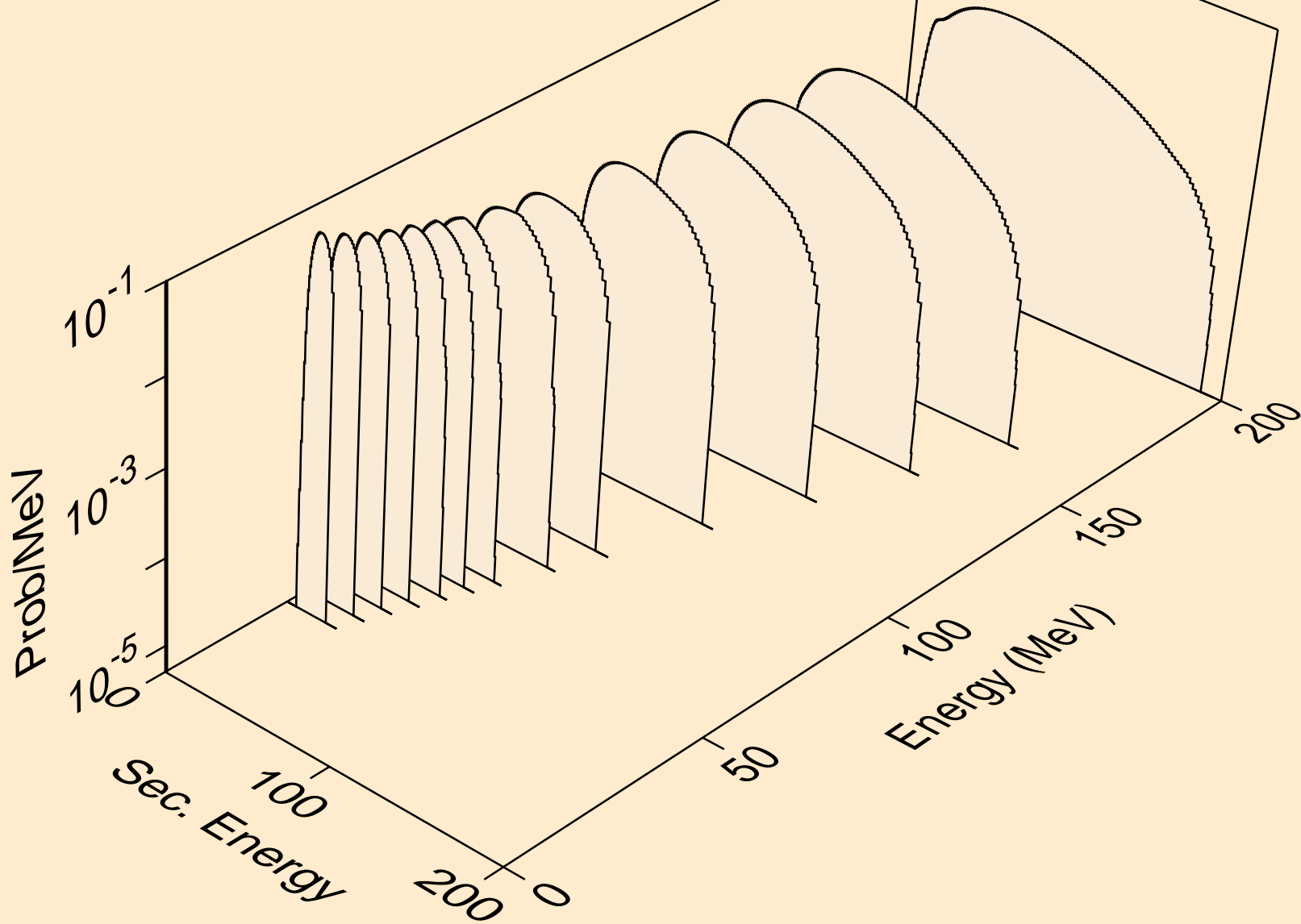
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)

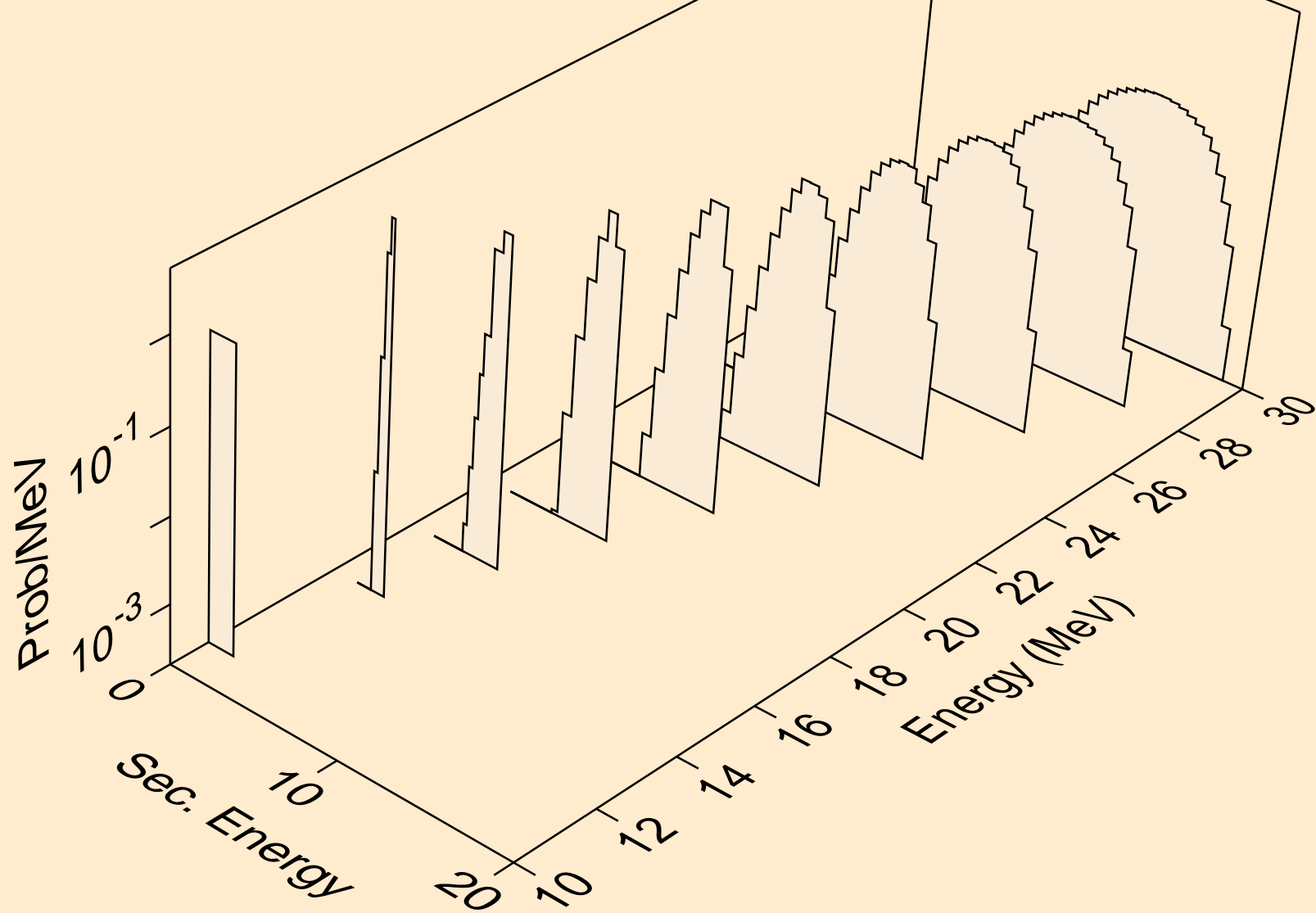


HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)

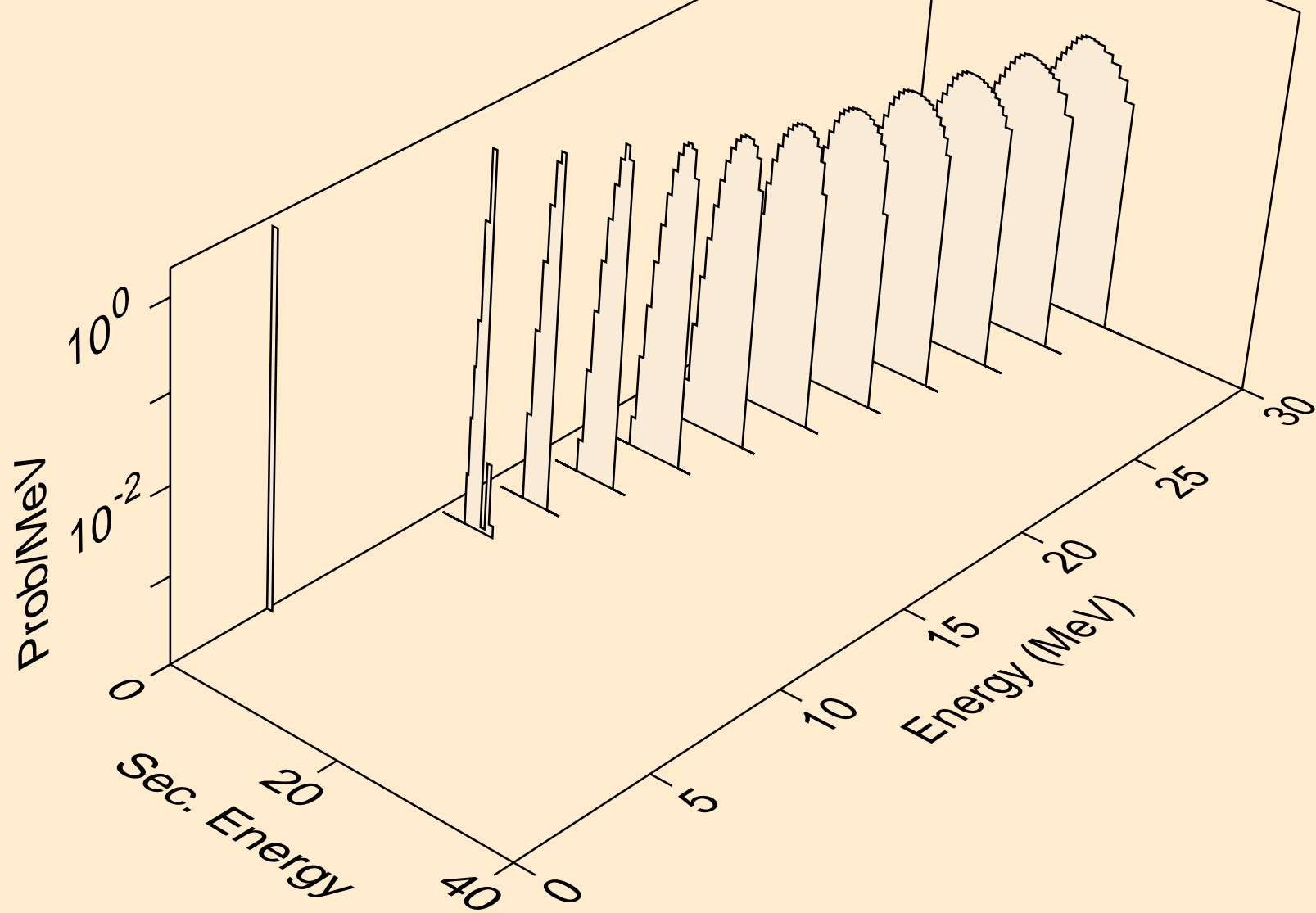




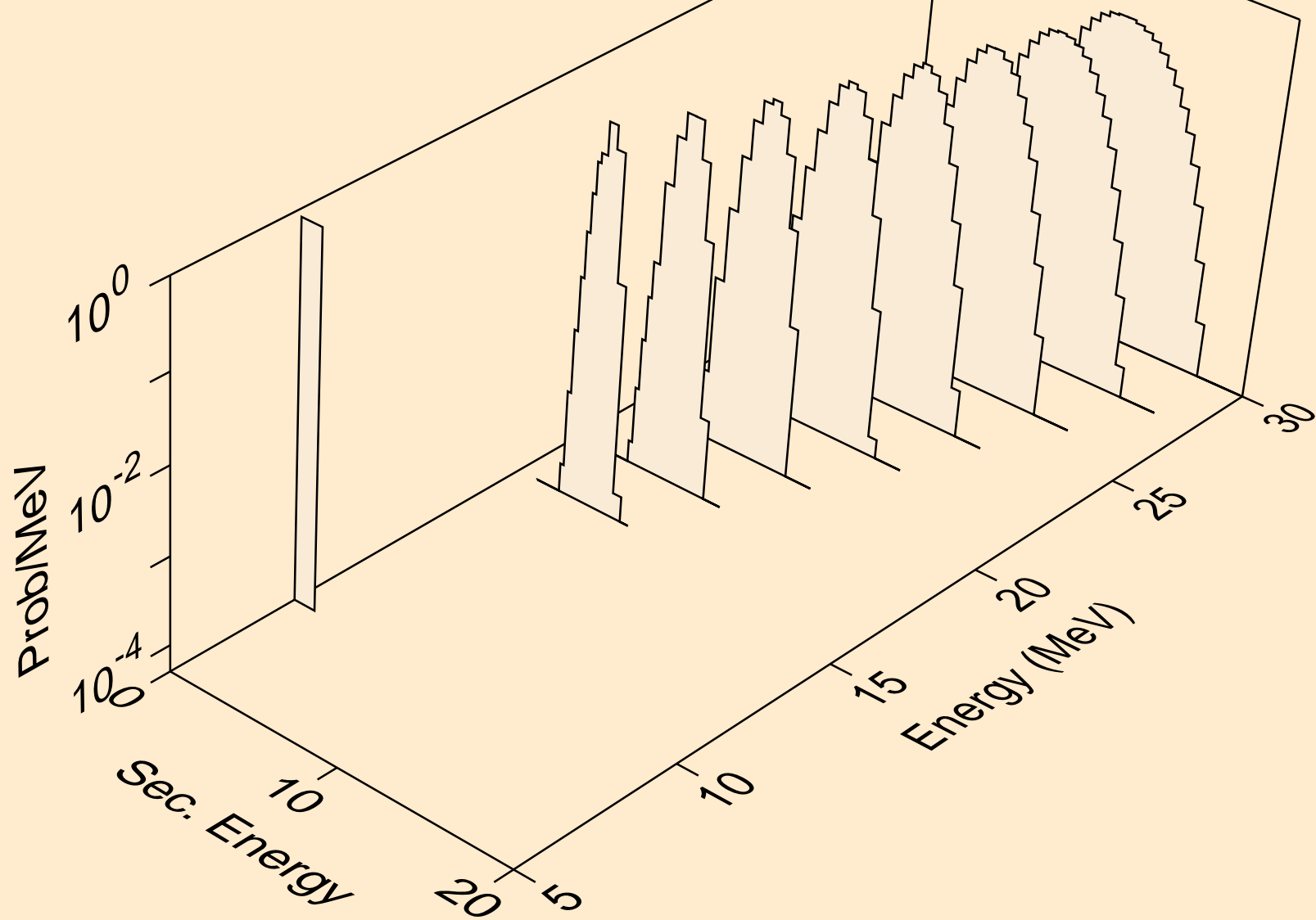
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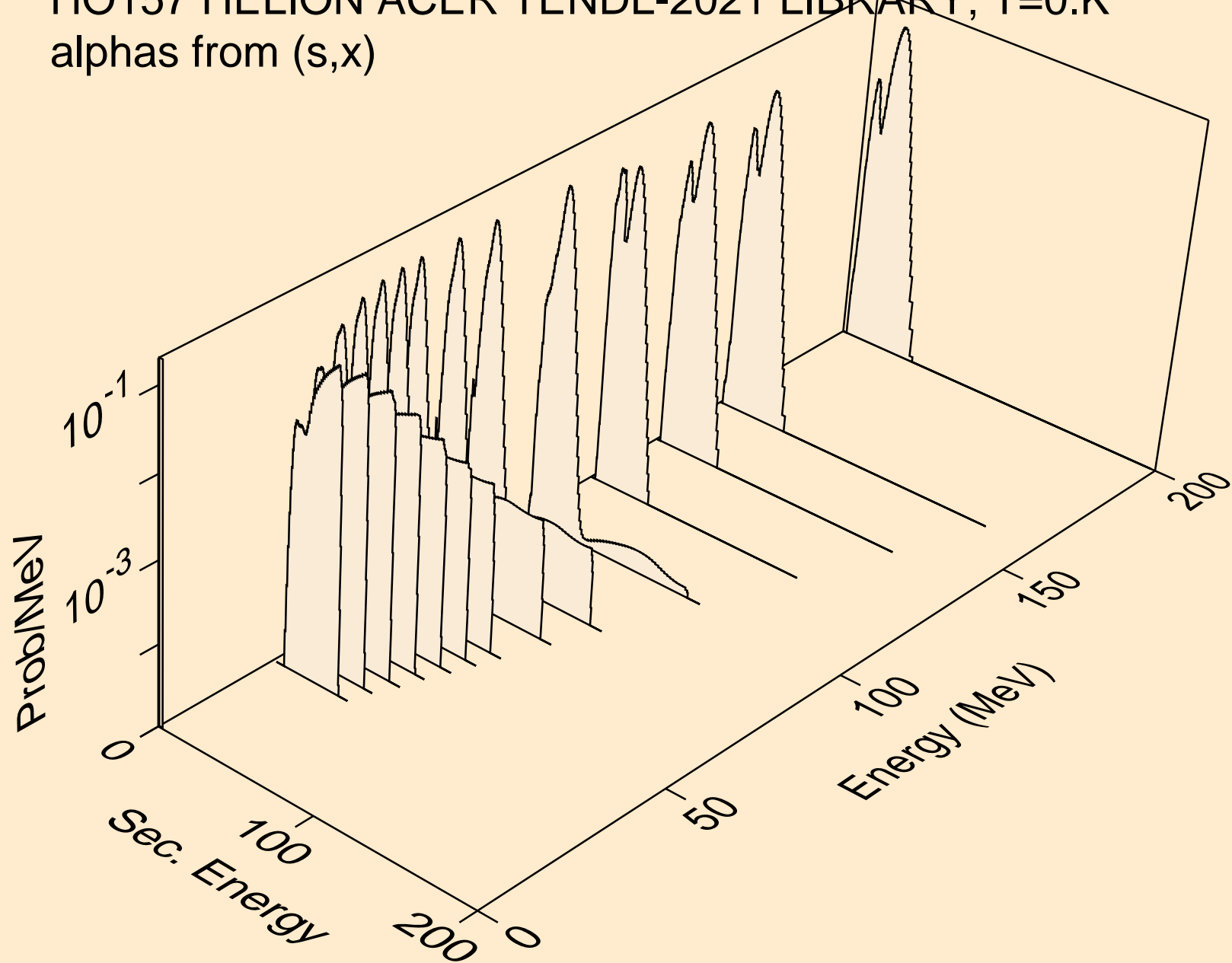
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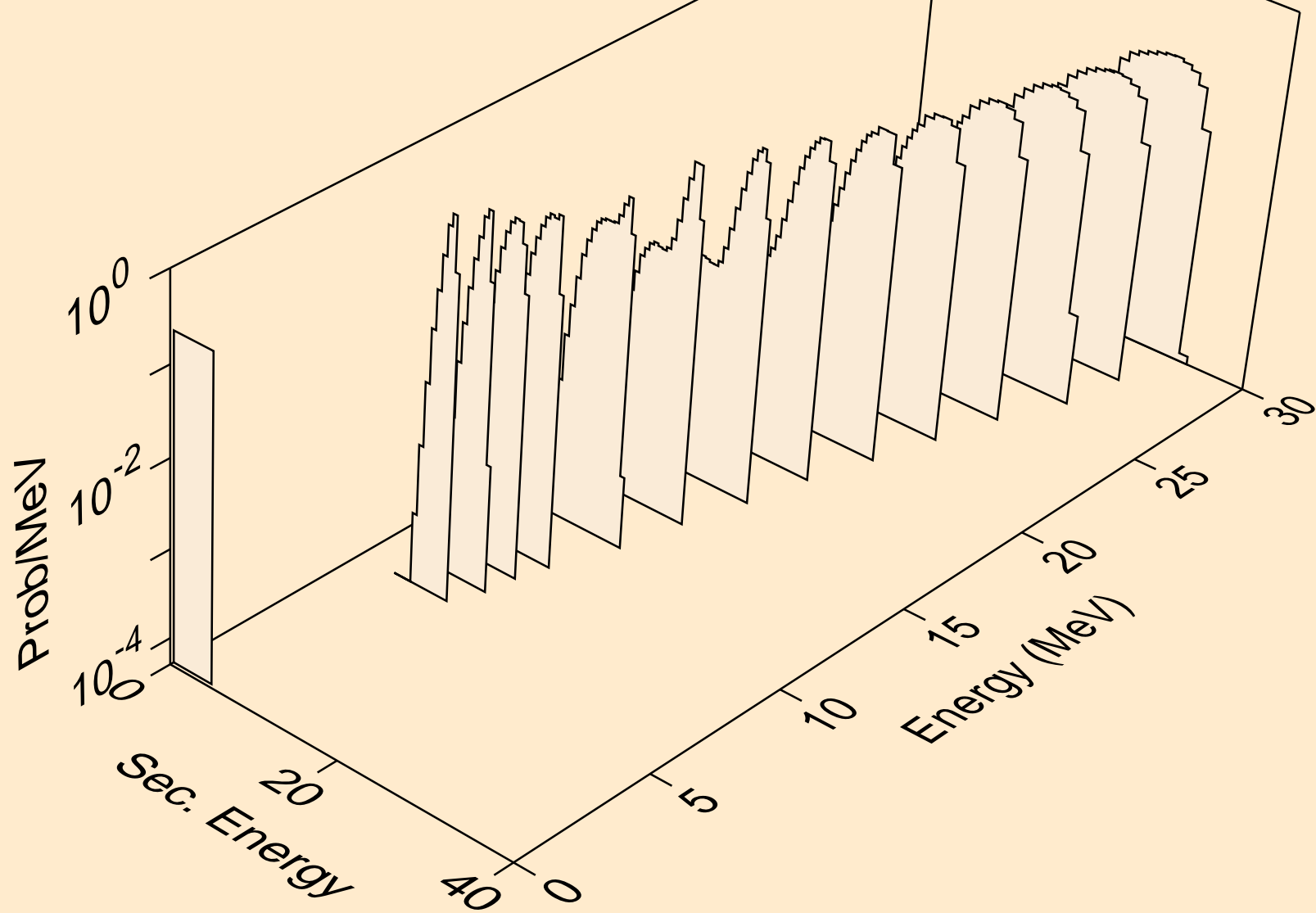
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tritons from (s,pt)



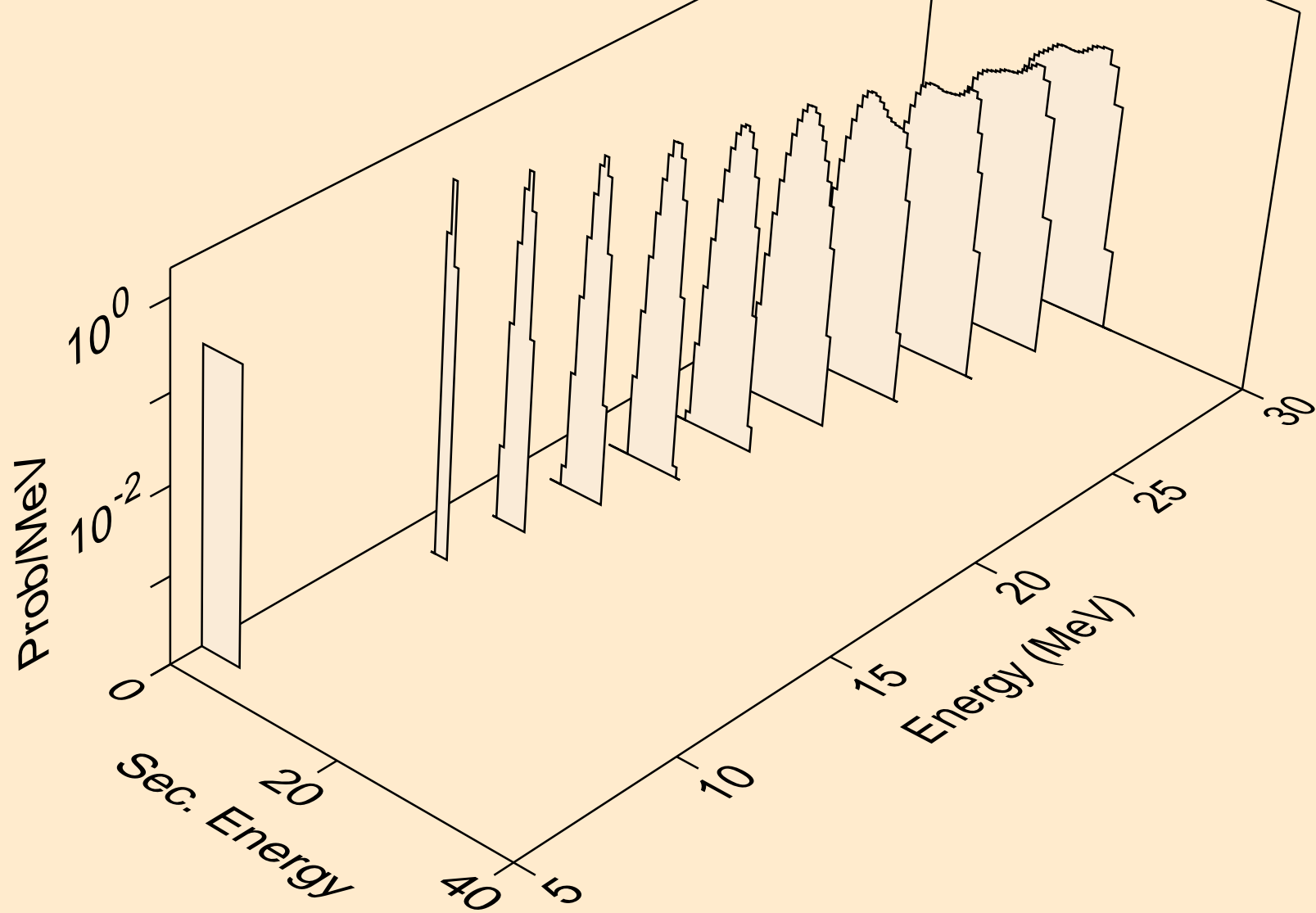
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alphas from (s,x)



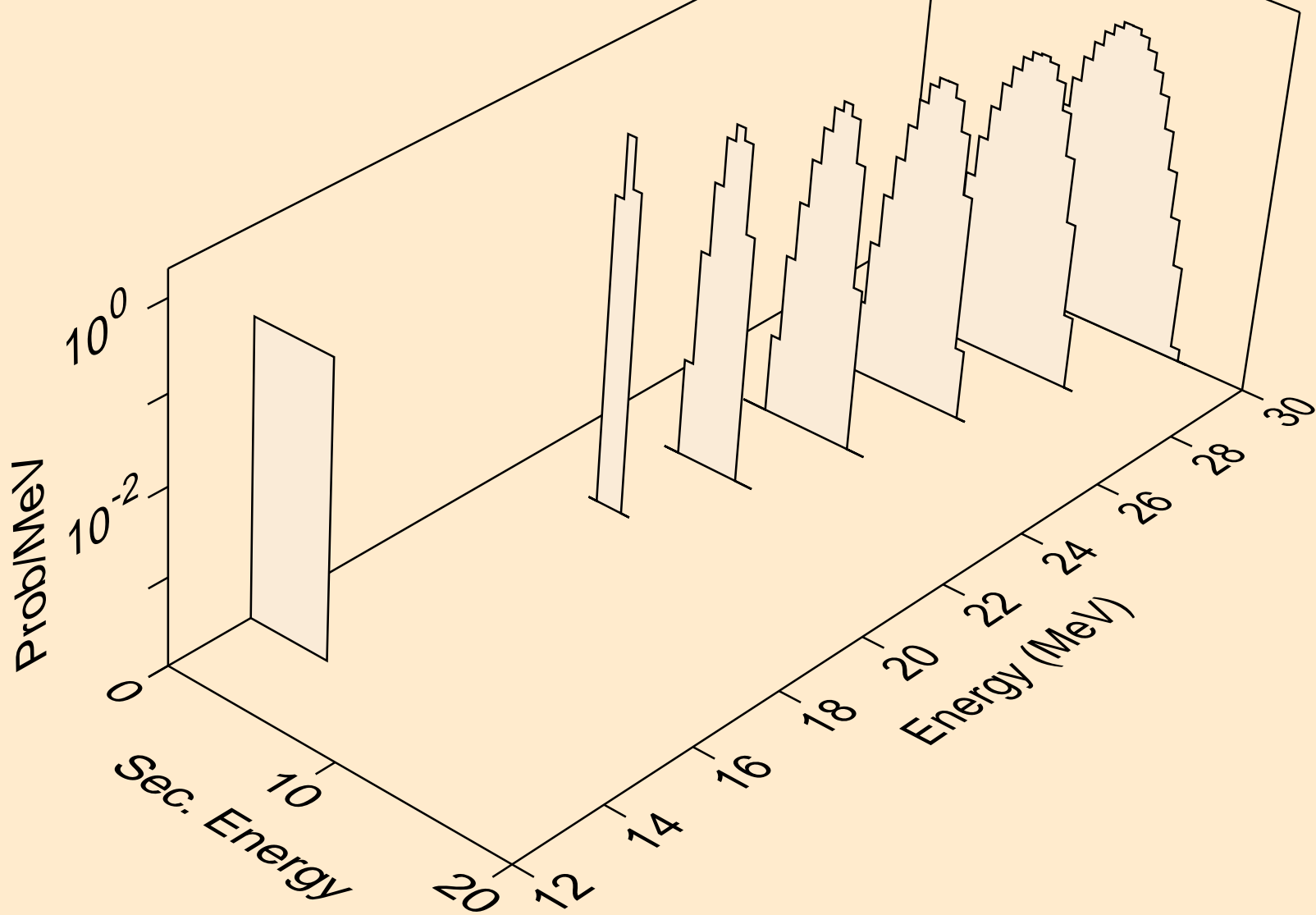
HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



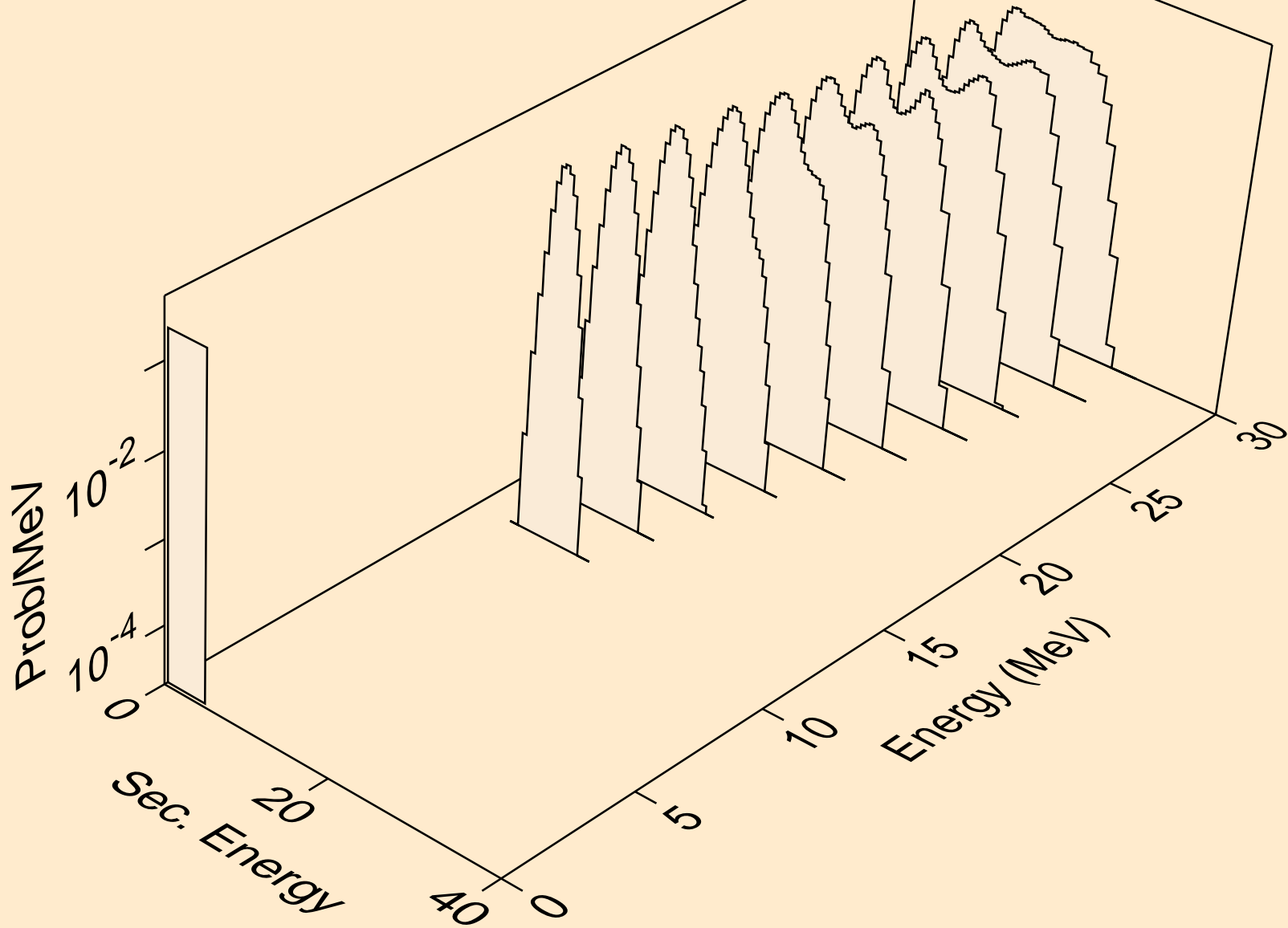
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HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a

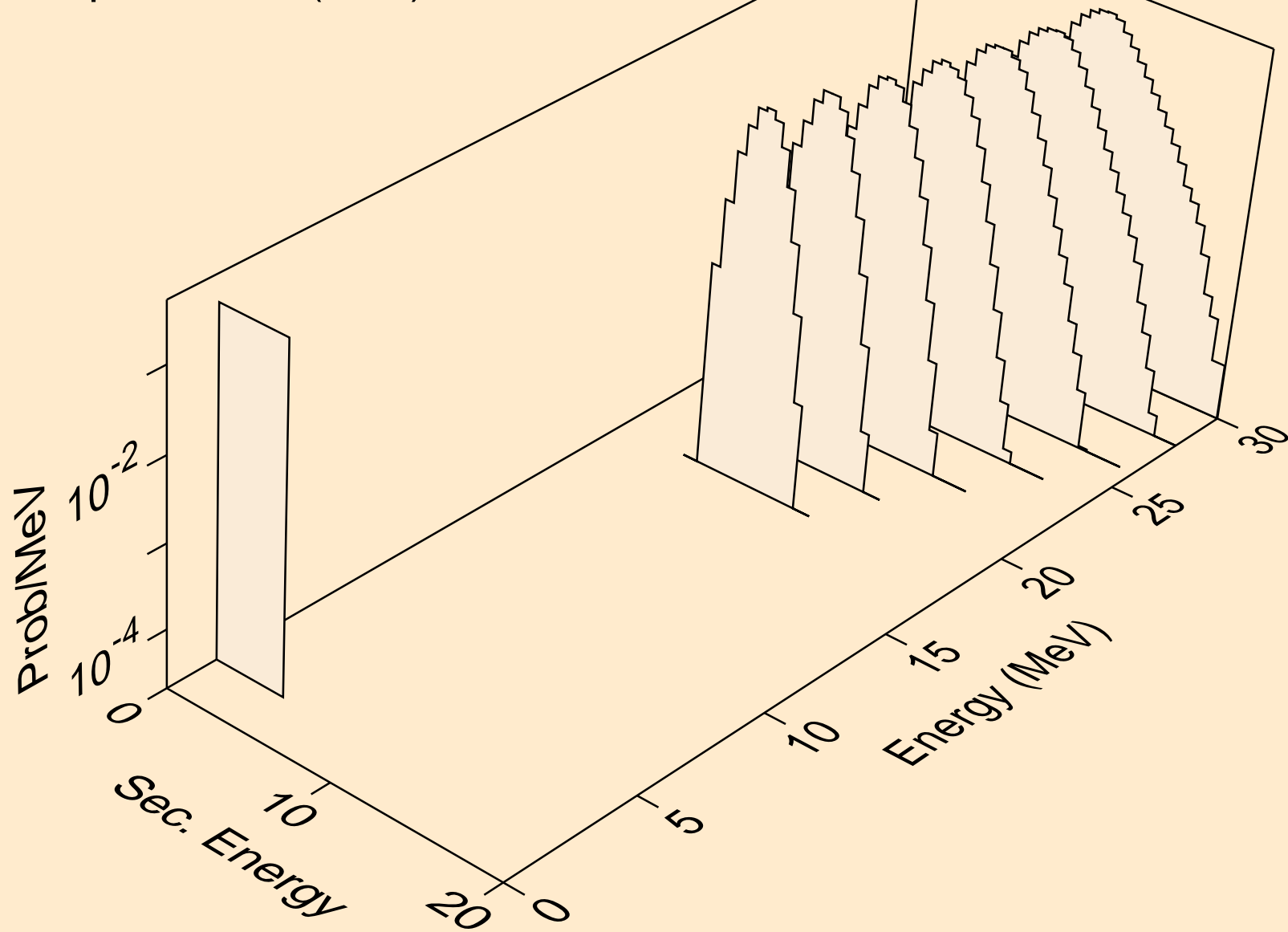


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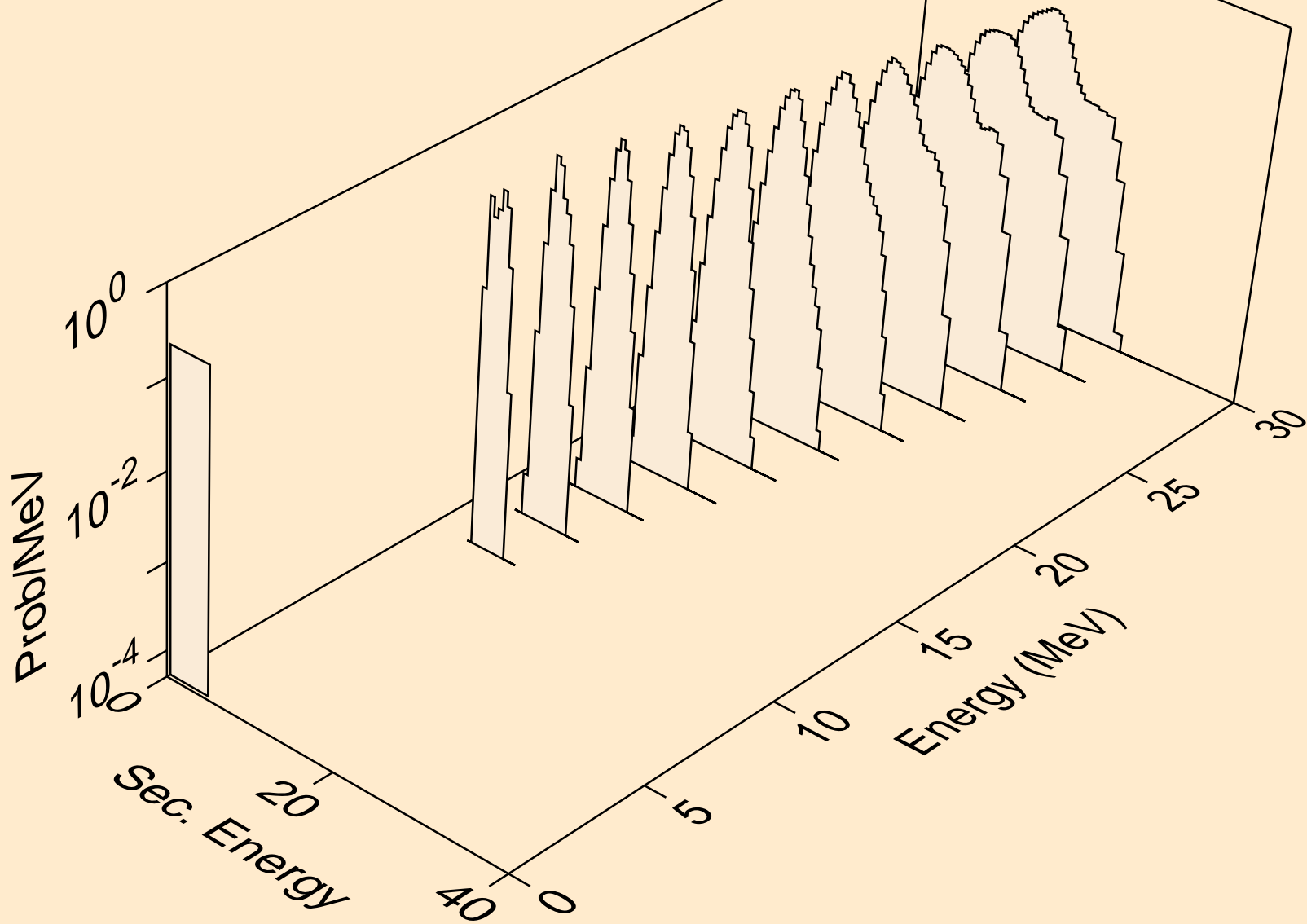




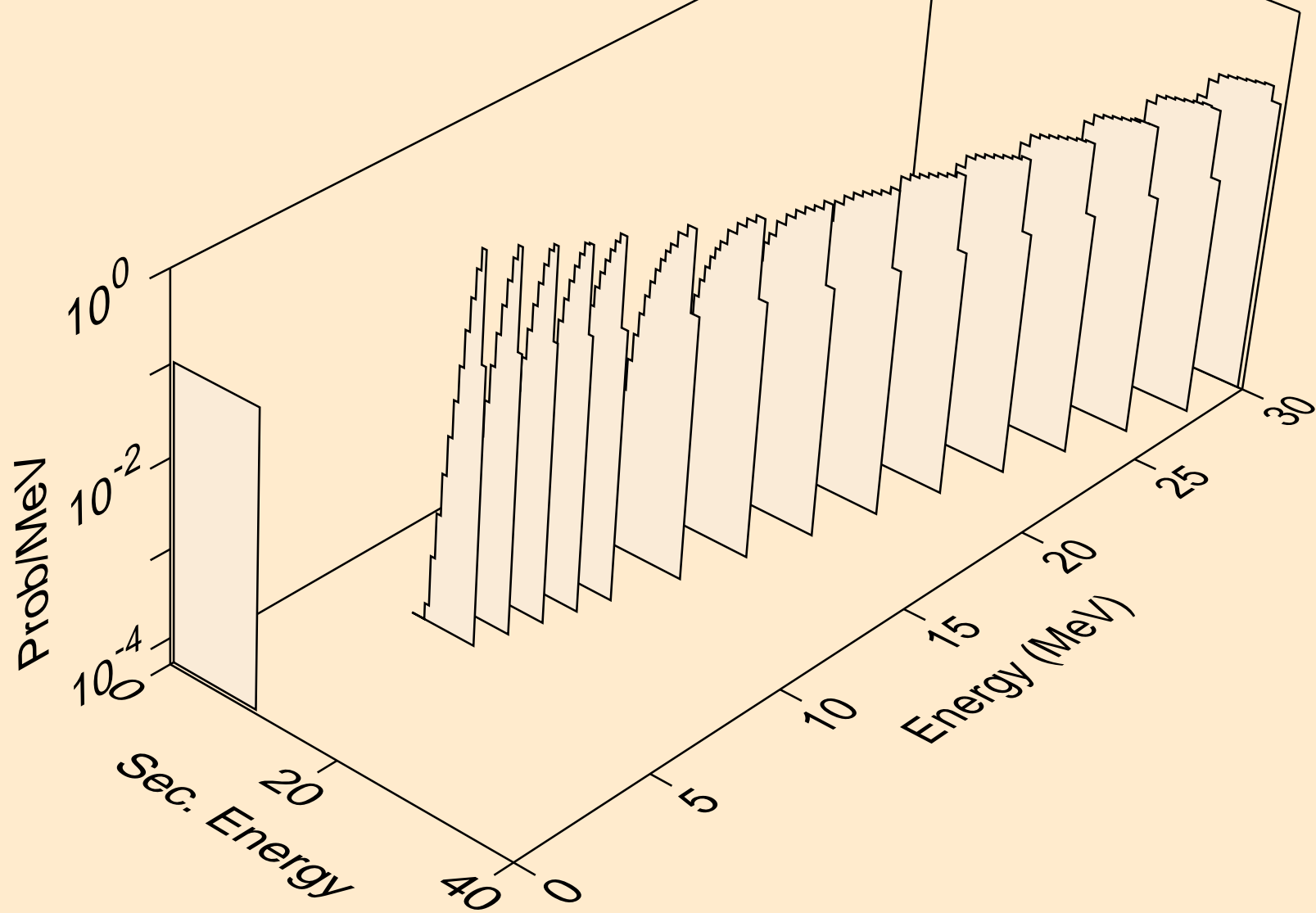
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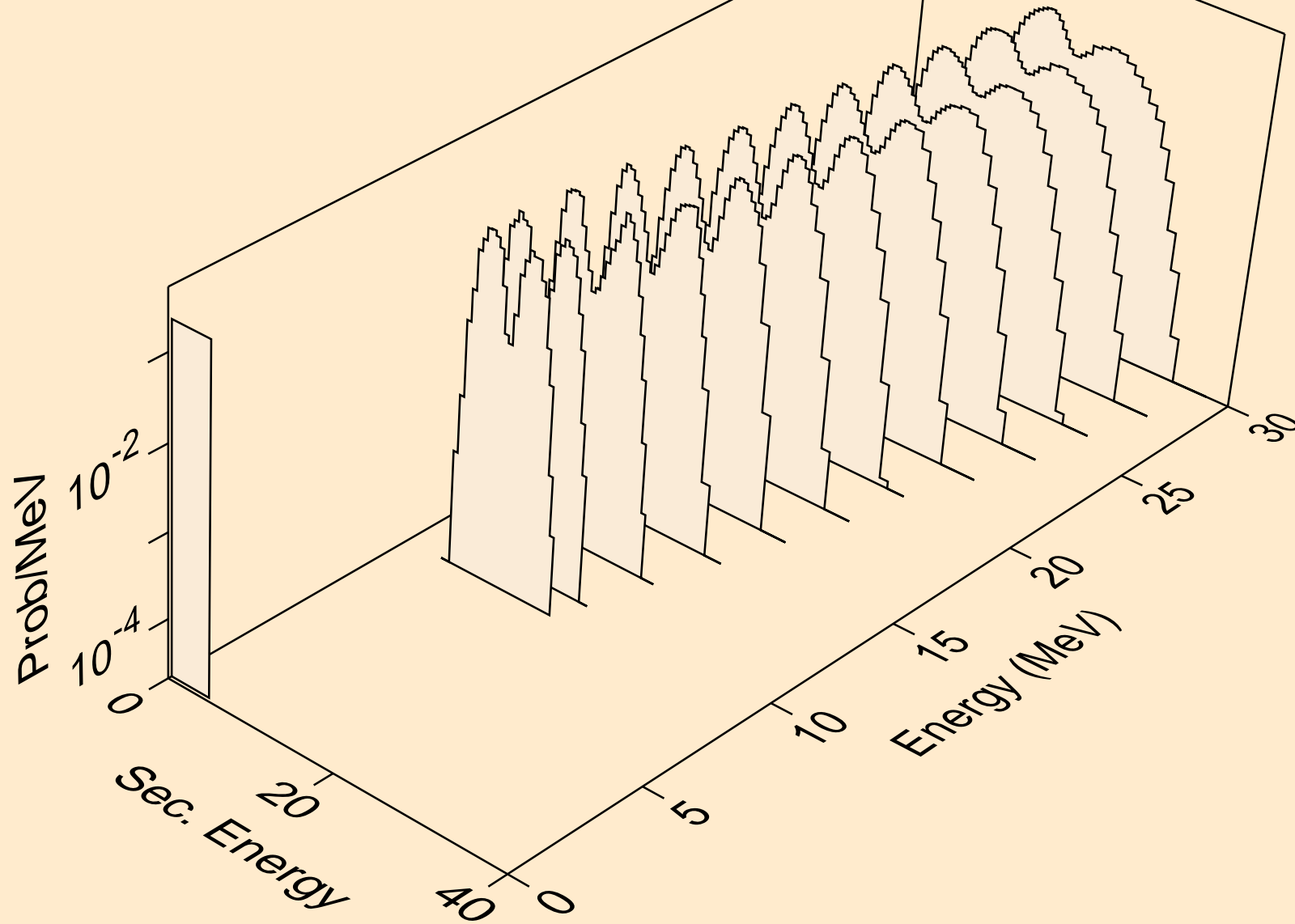
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alphas from (s,npa)



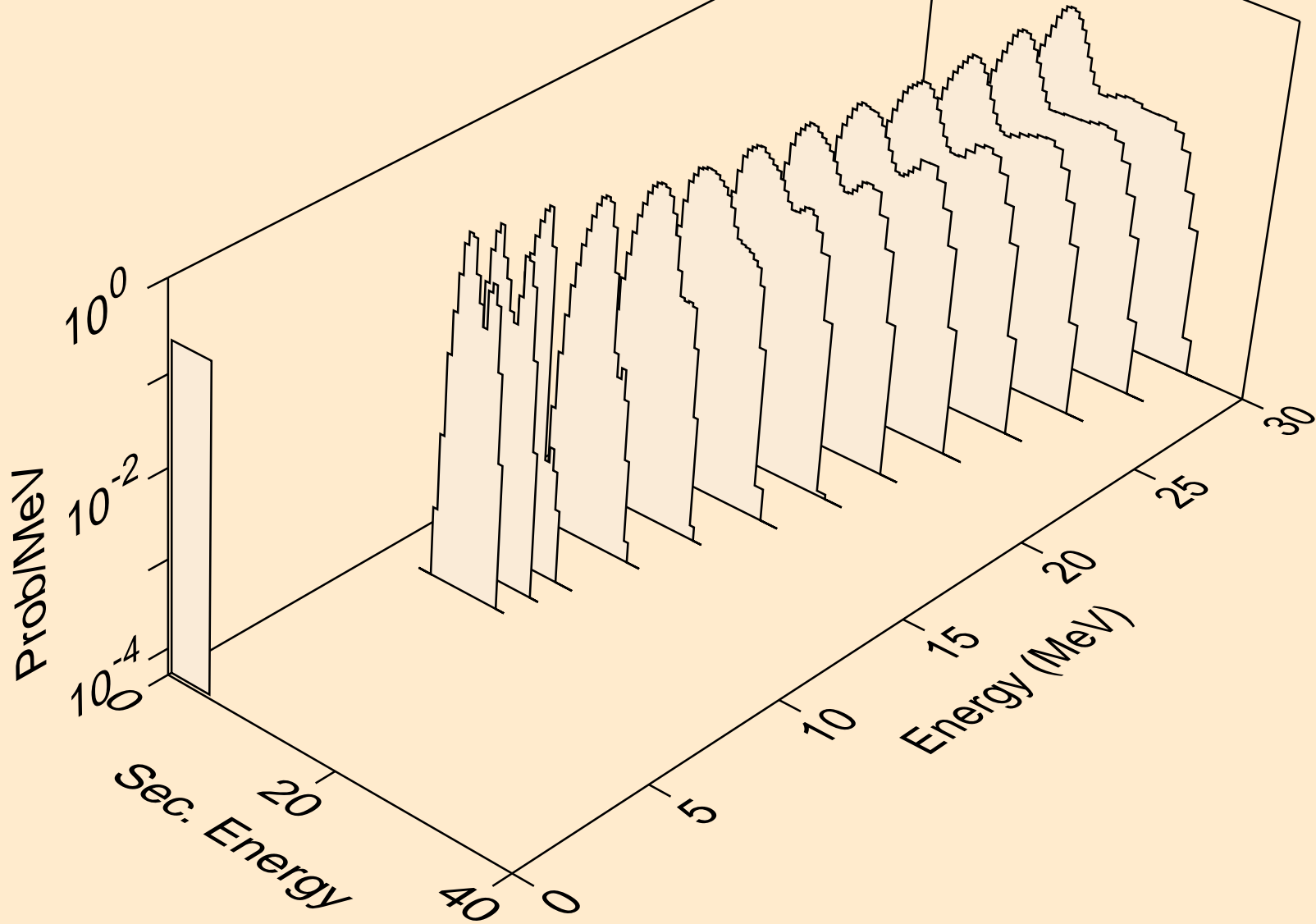
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alphas from (s,a)



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



HO157 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

