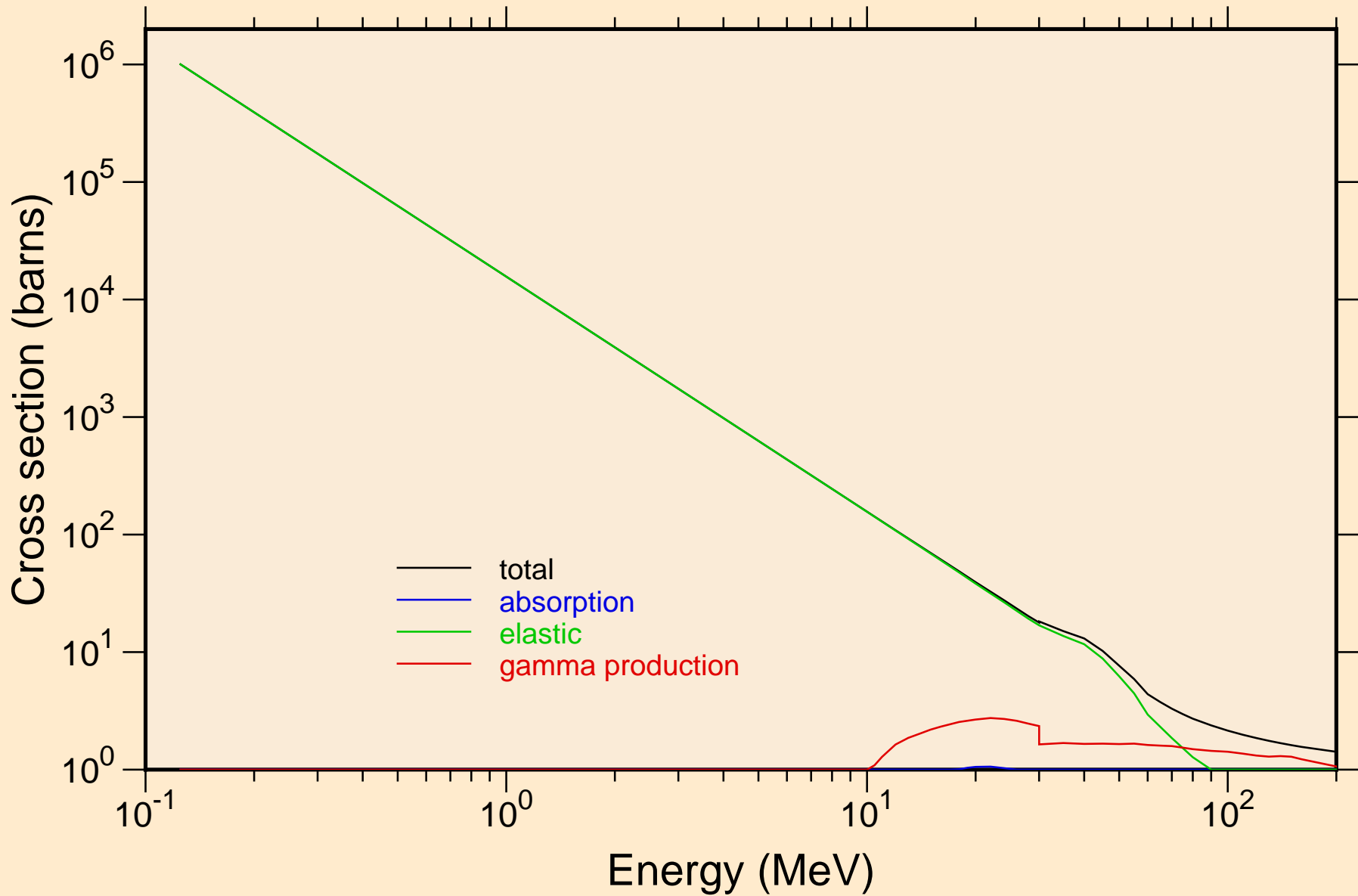


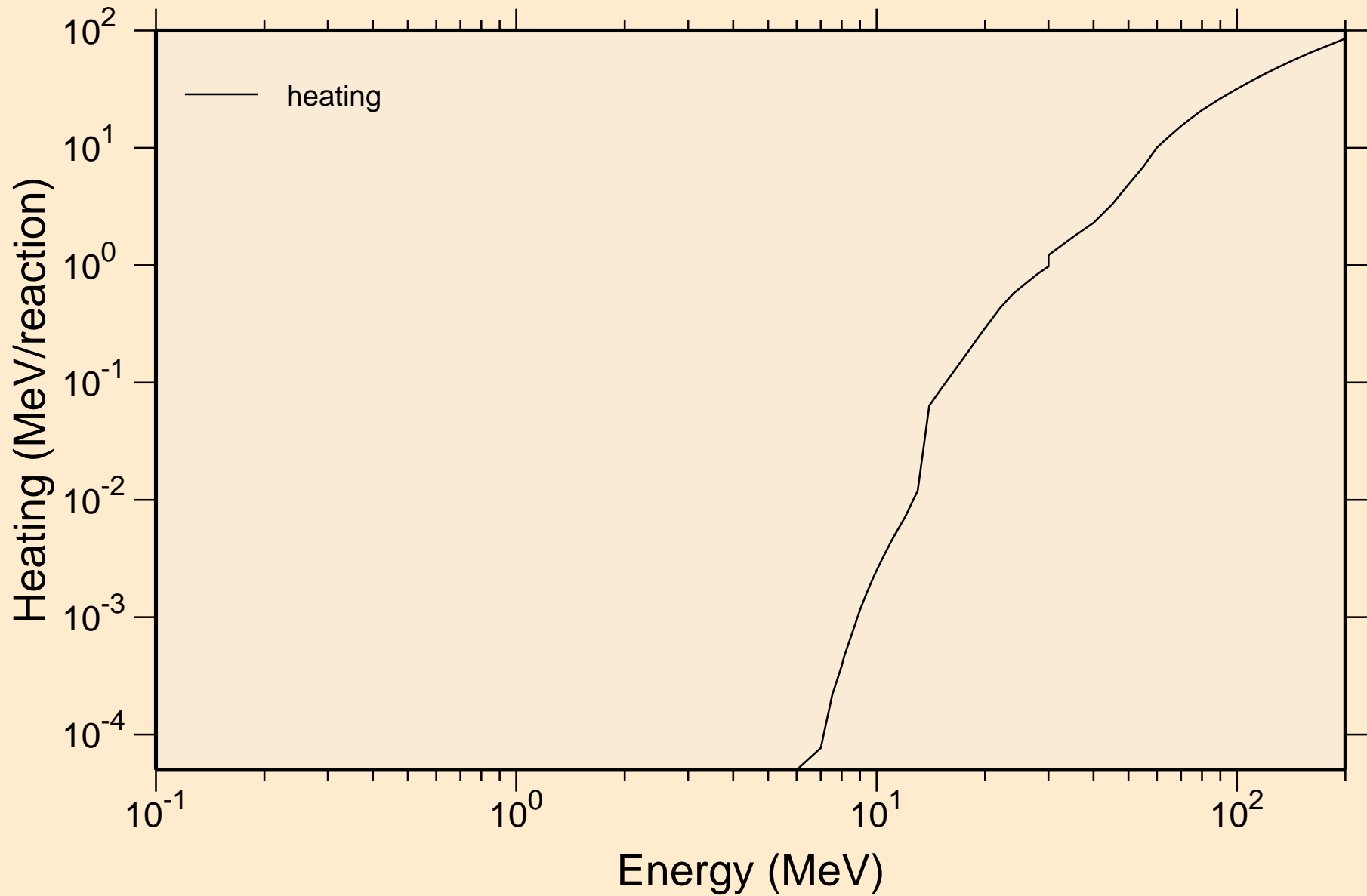
# CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



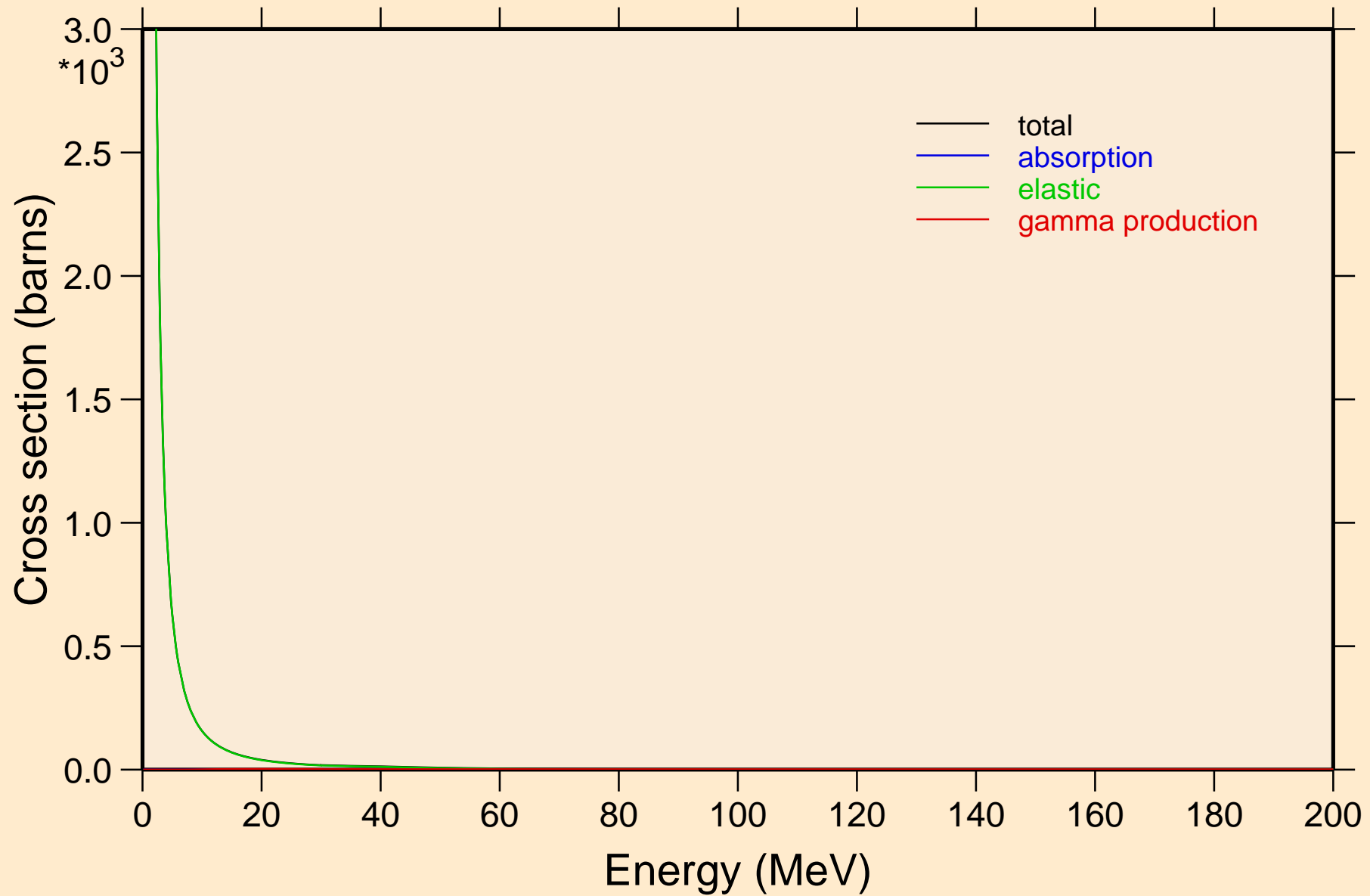
# CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



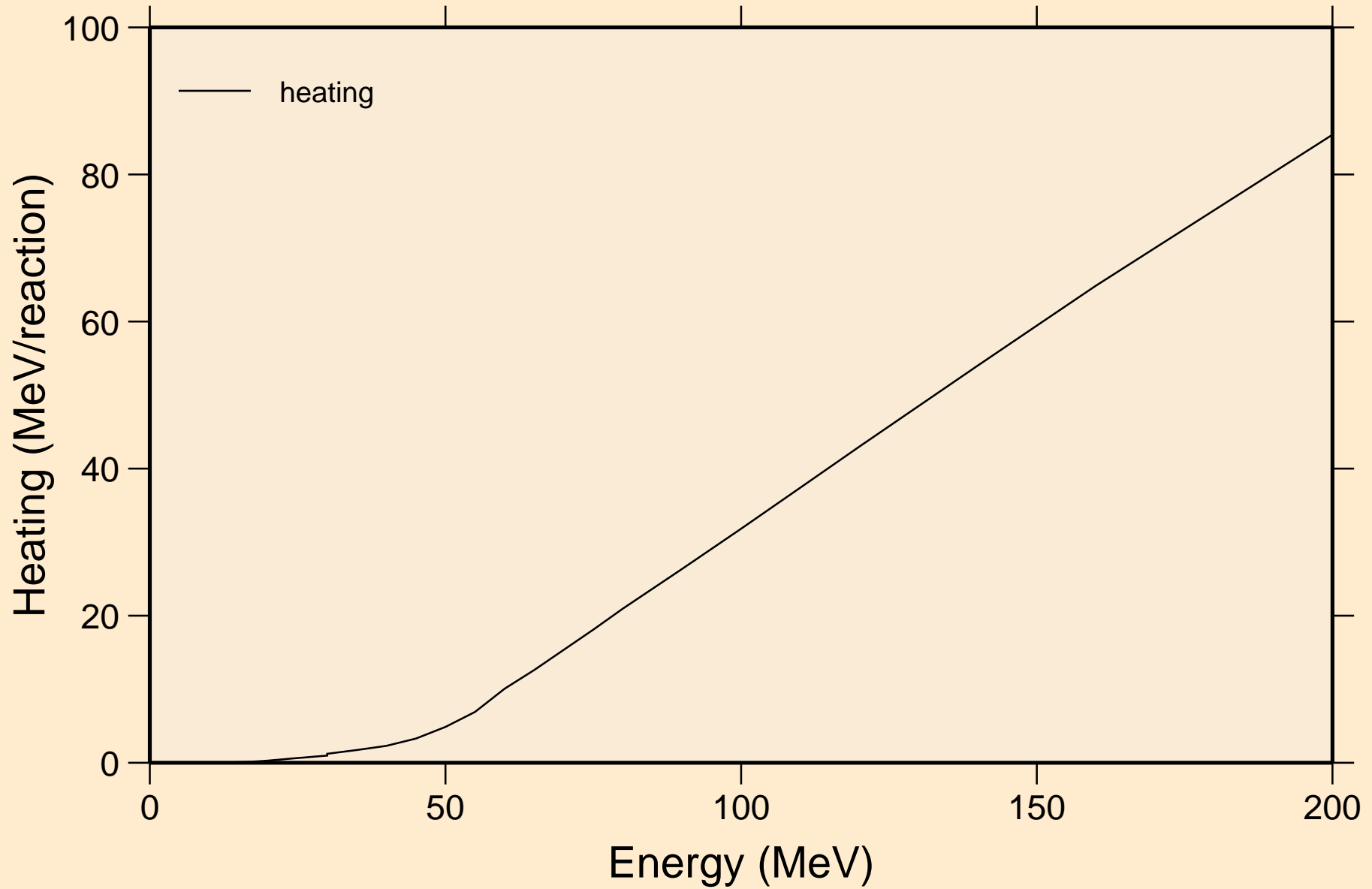
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## Principal cross sections

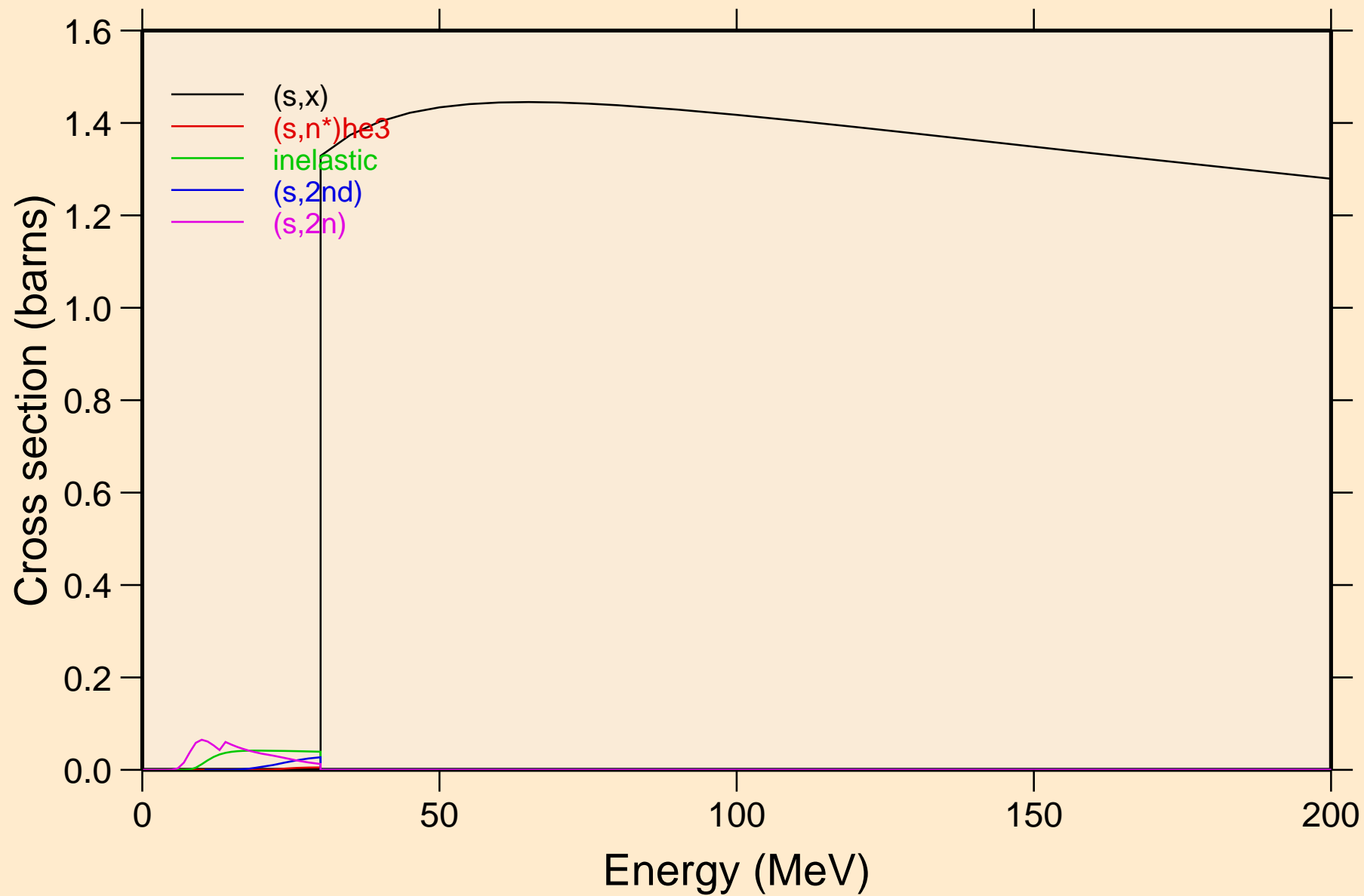


CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K

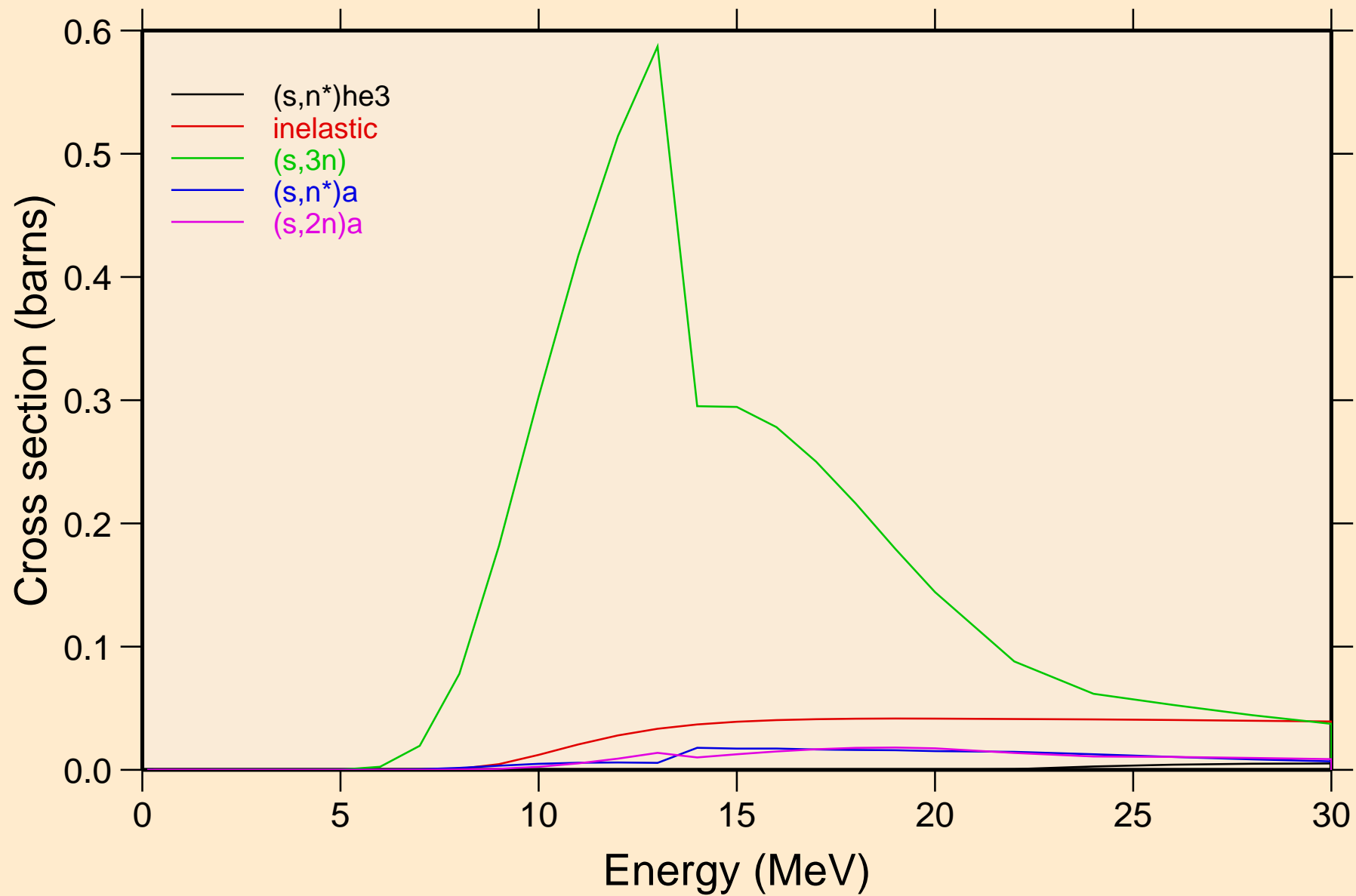
Heating



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

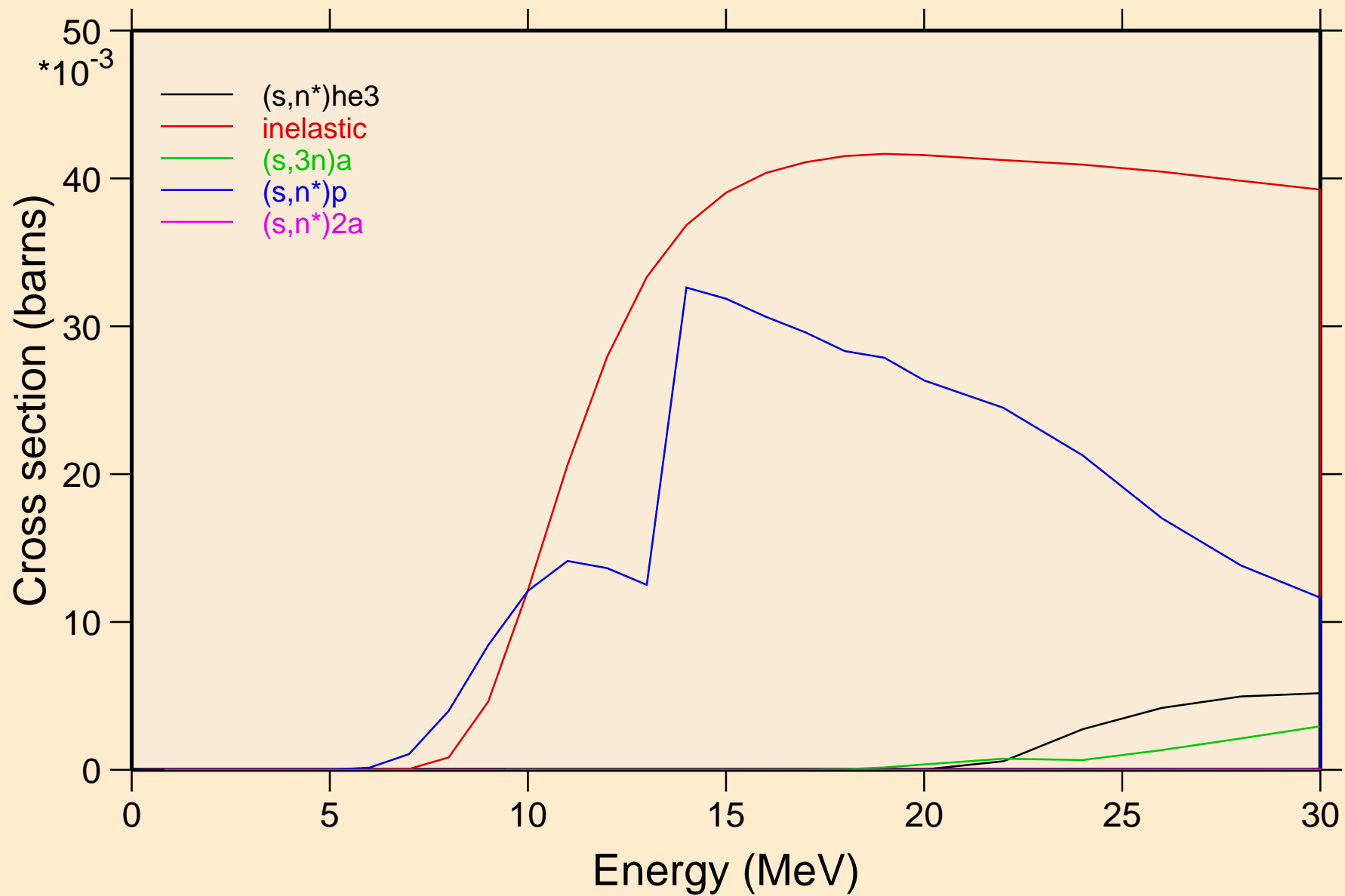


CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



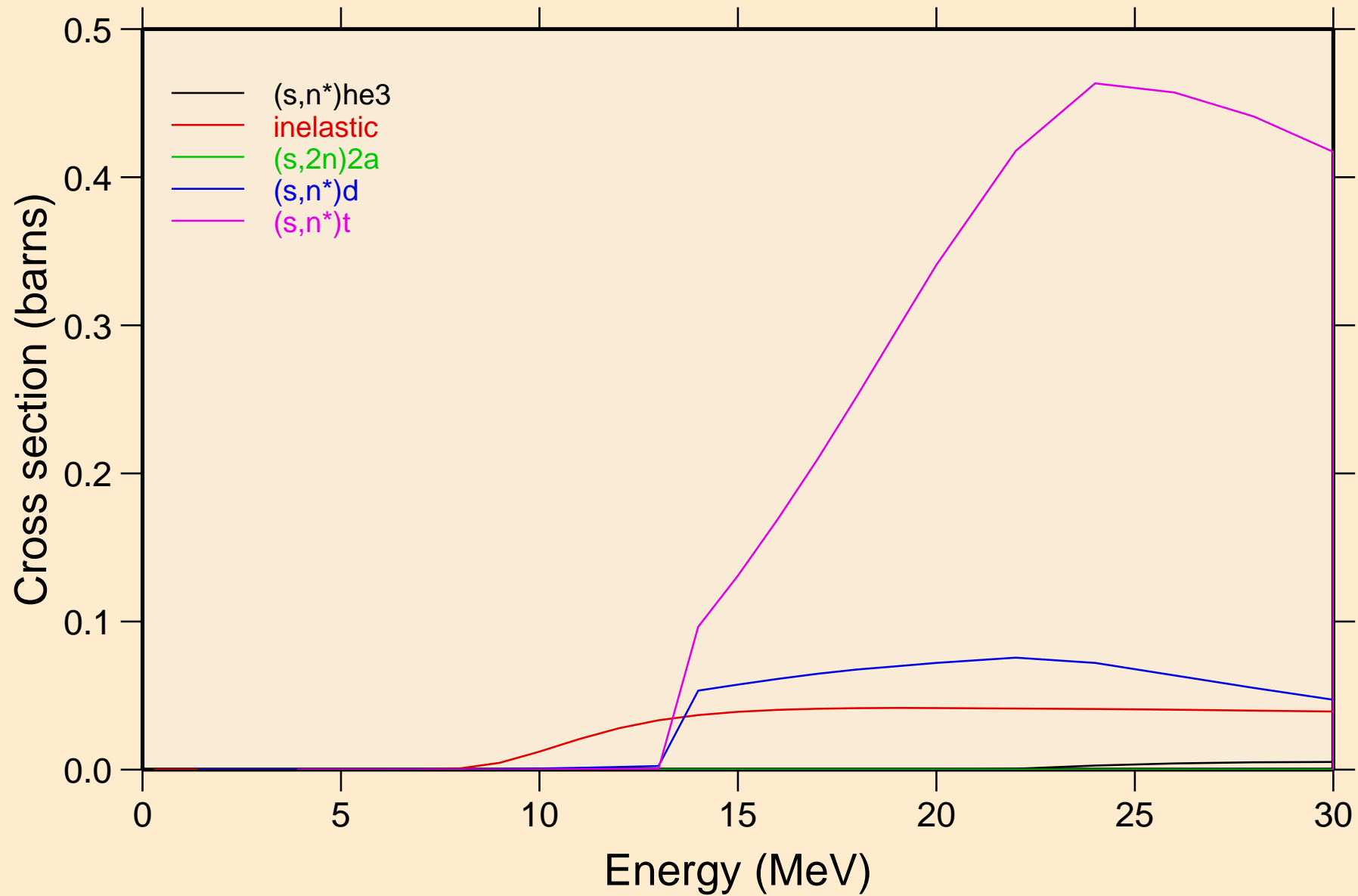
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## Threshold reactions



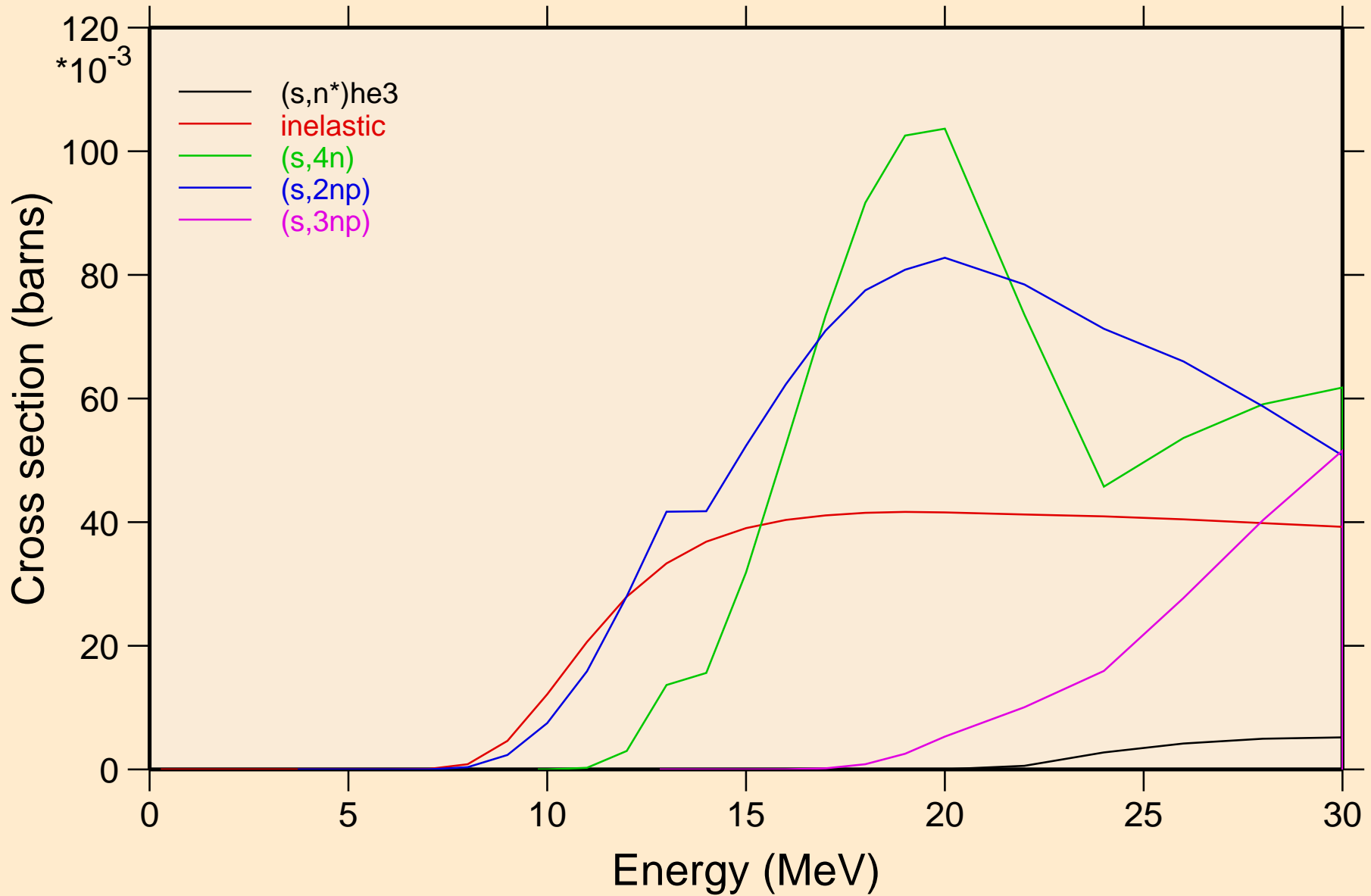
# CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



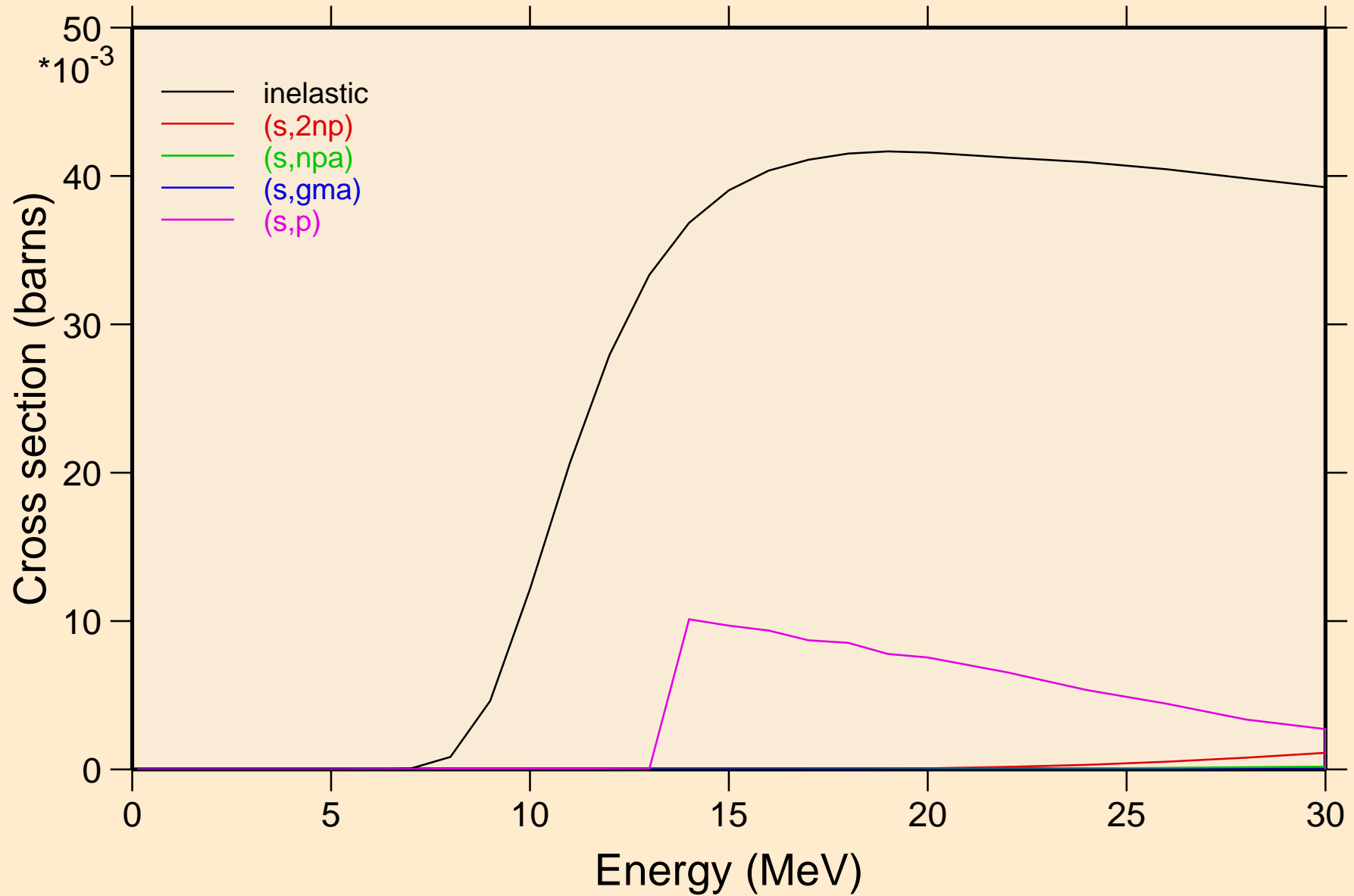


CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



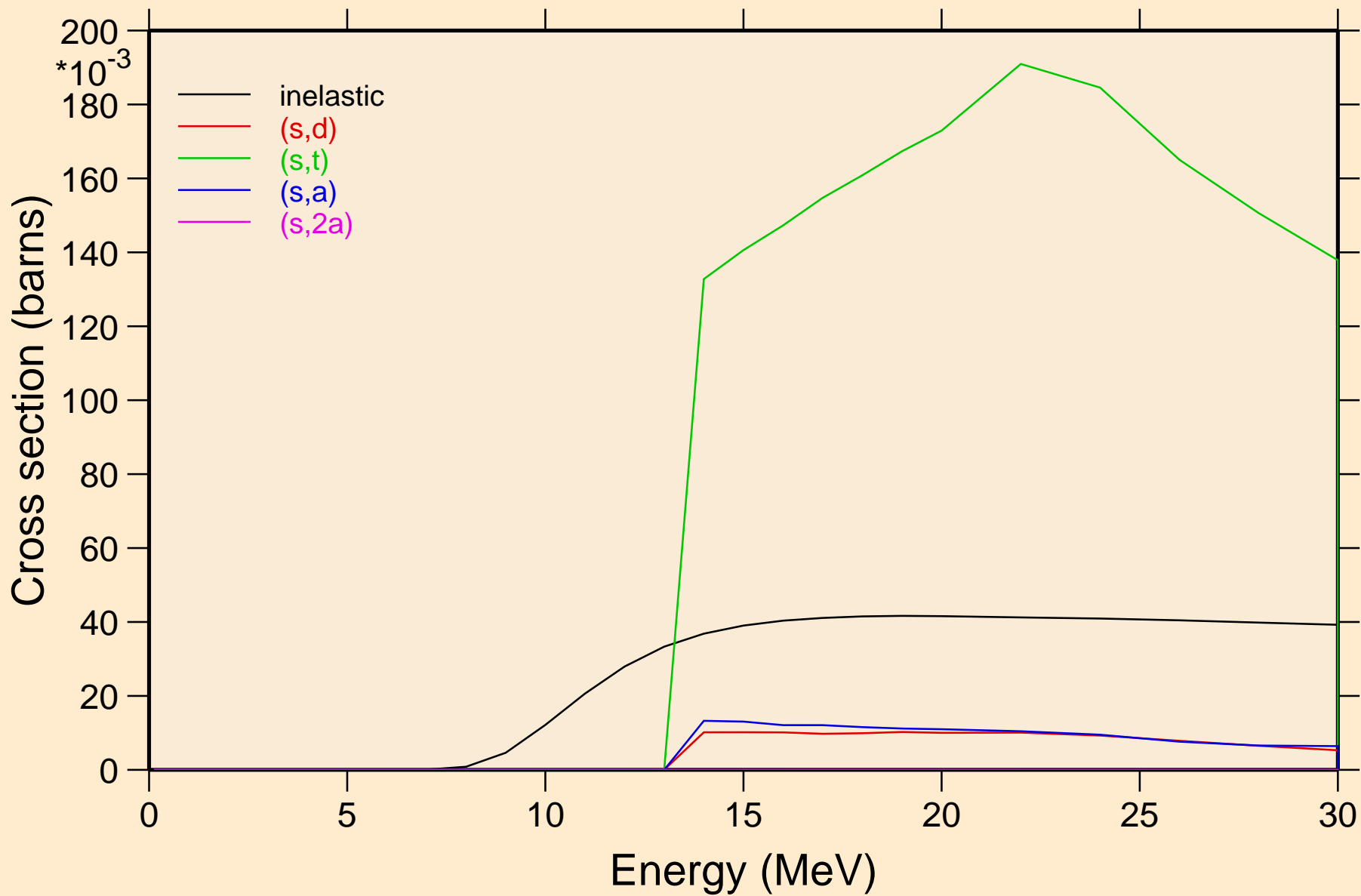
# CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

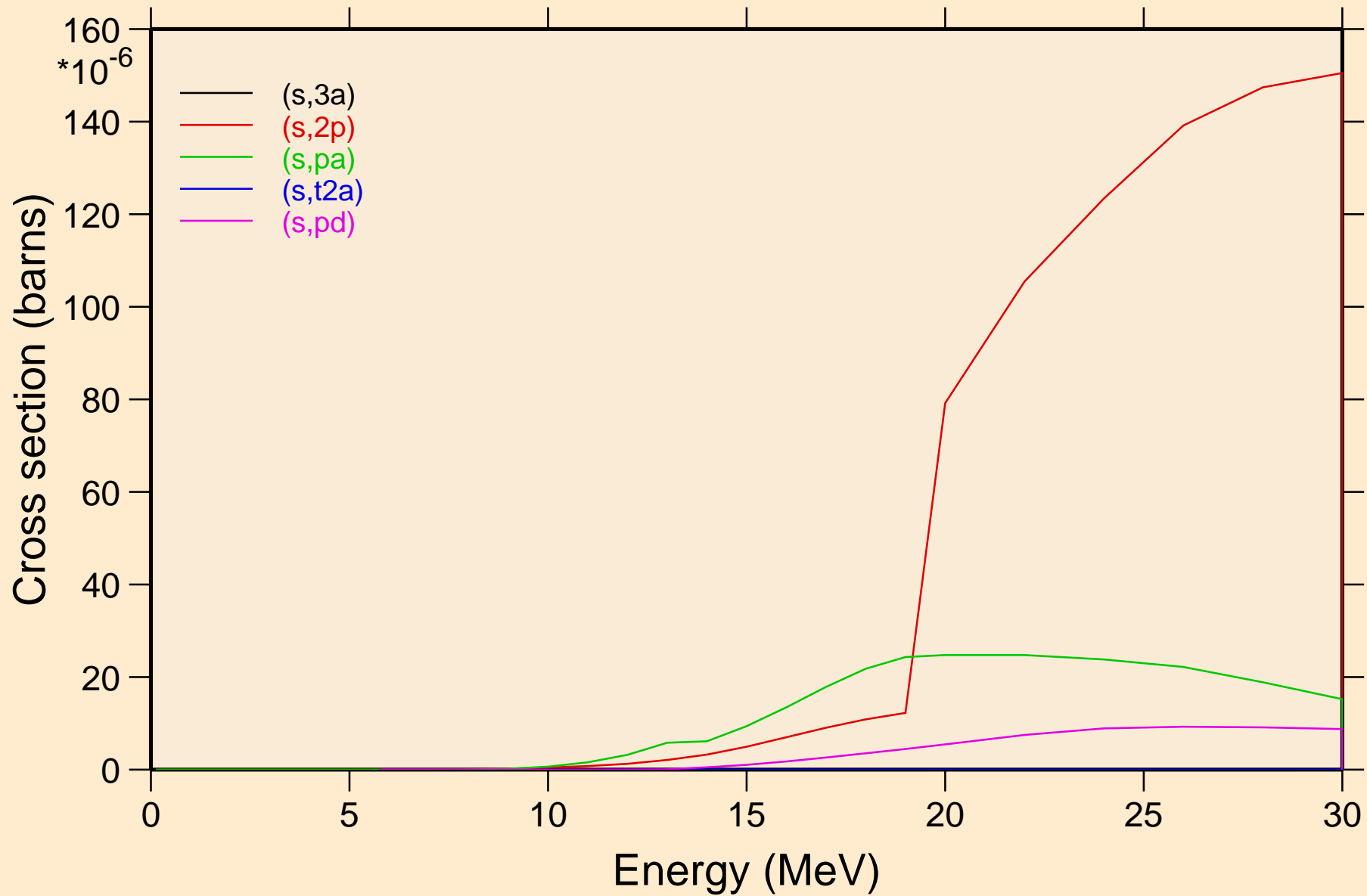


# CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K

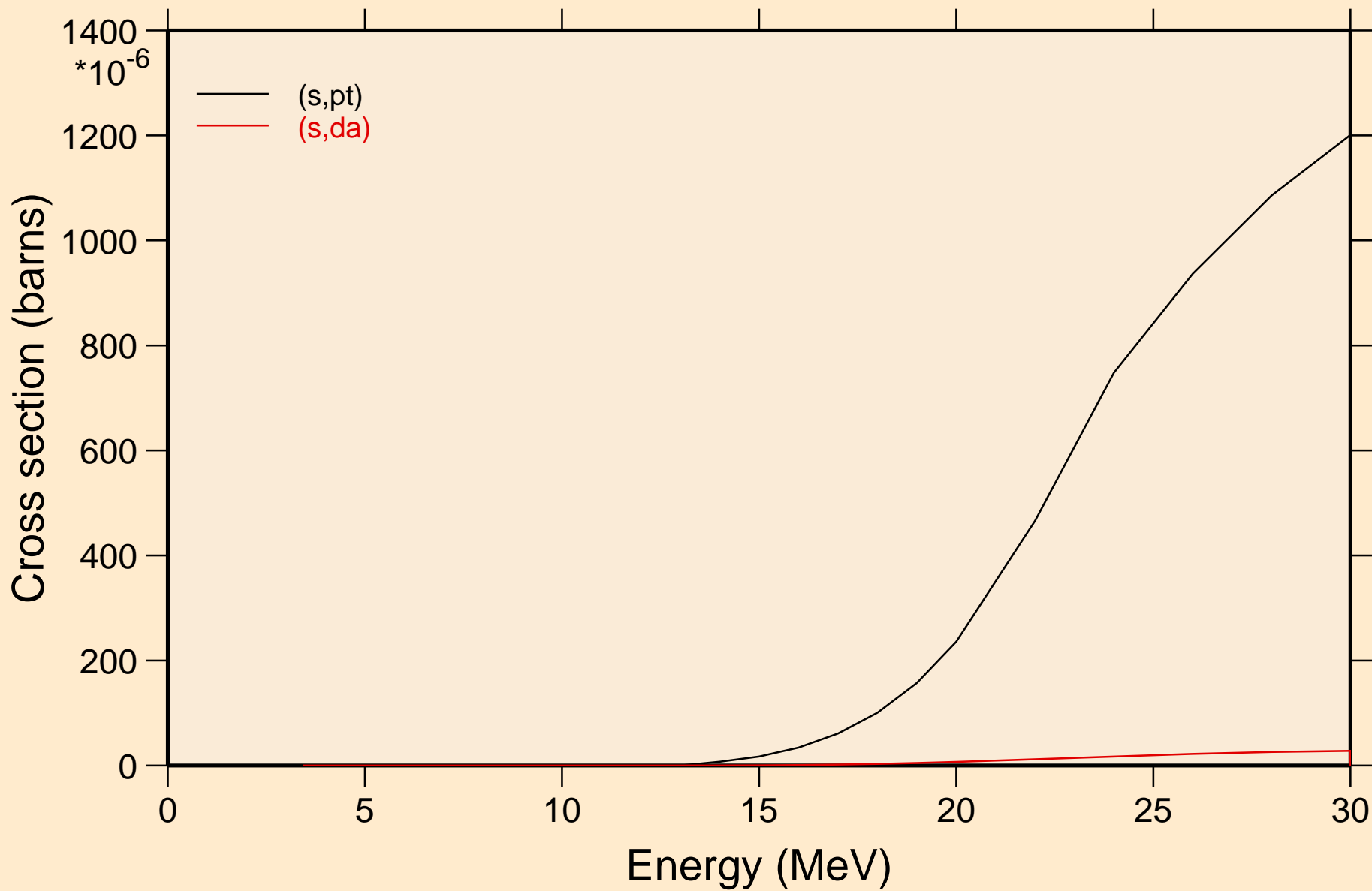
## Threshold reactions



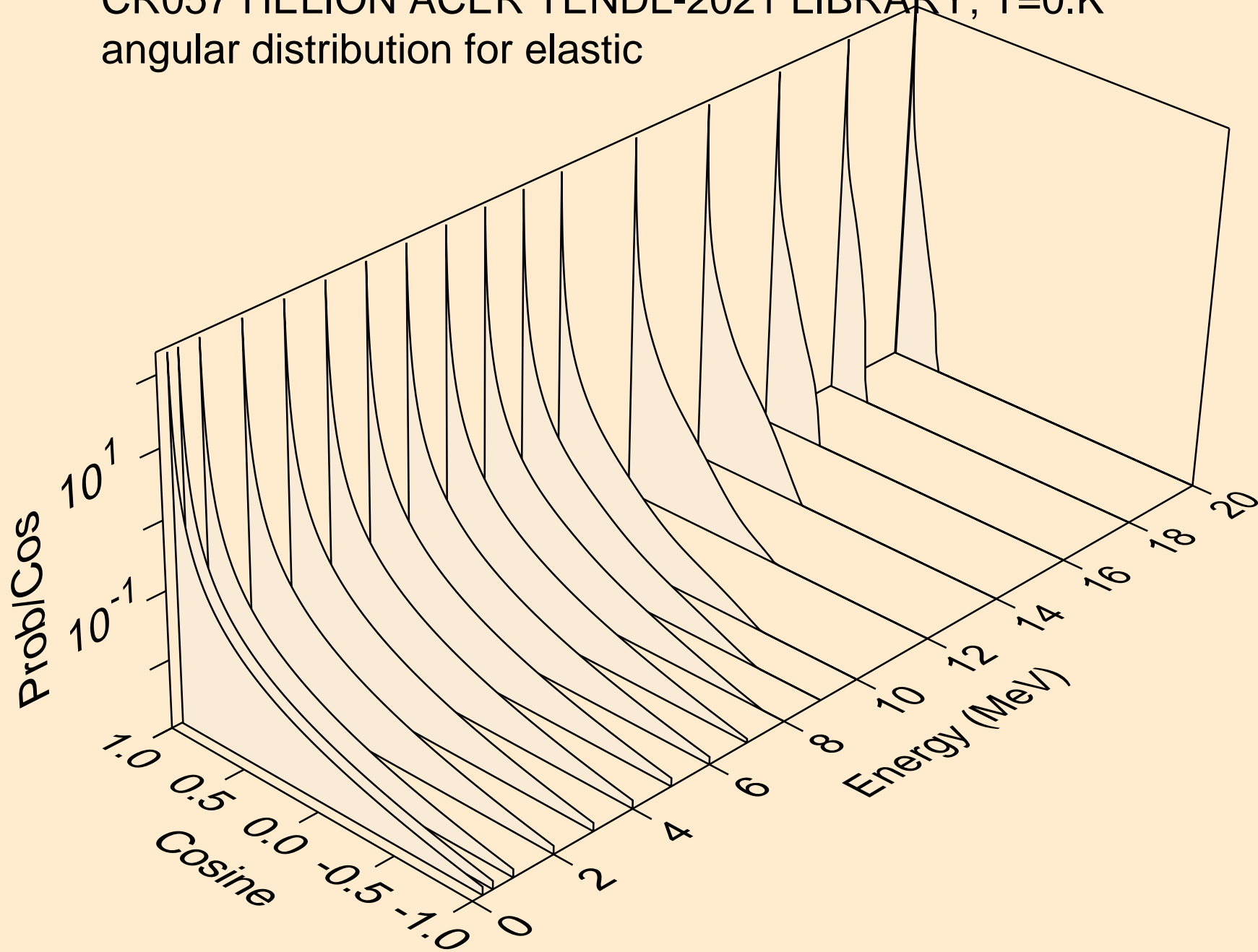
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



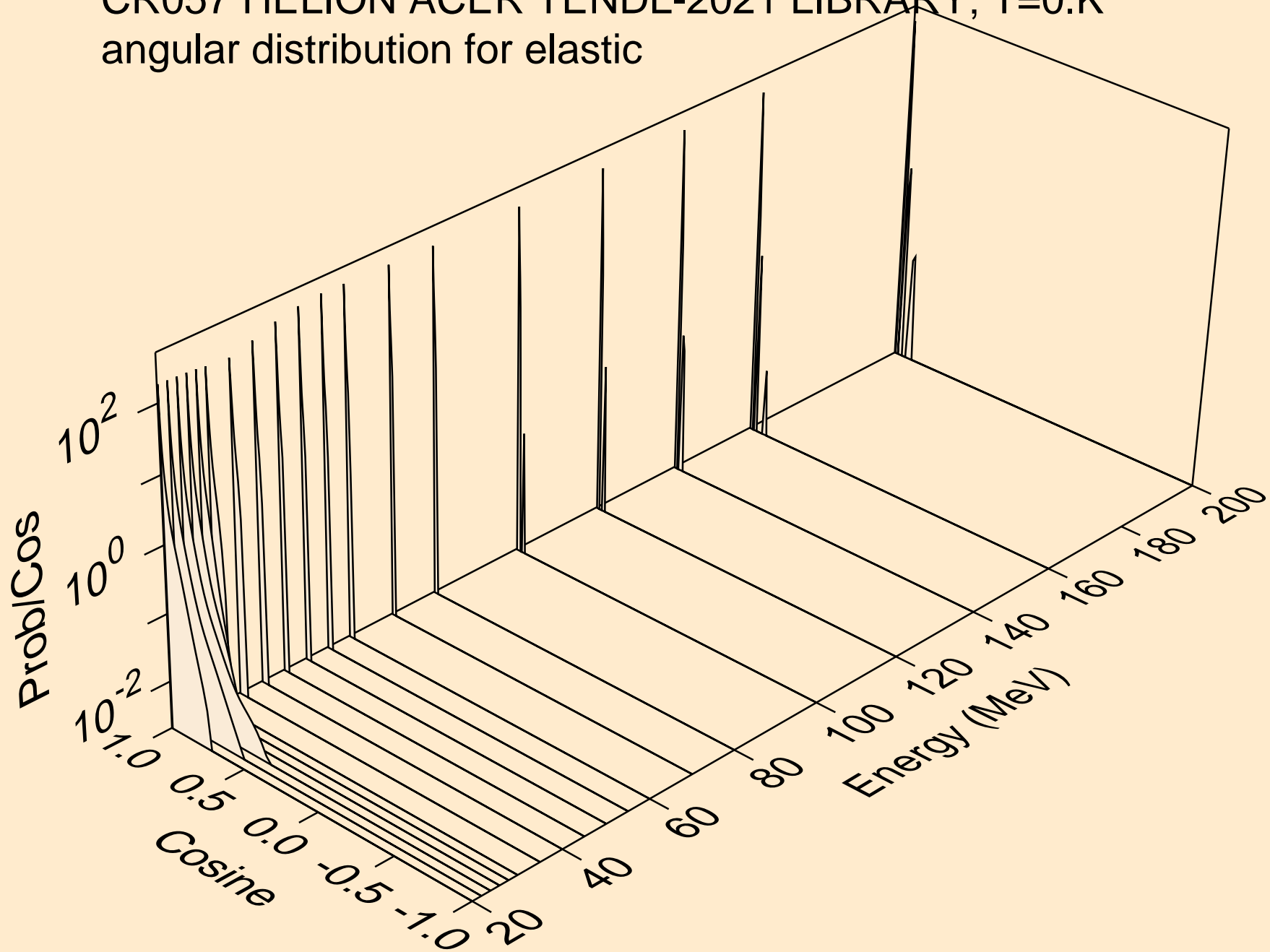
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Threshold reactions



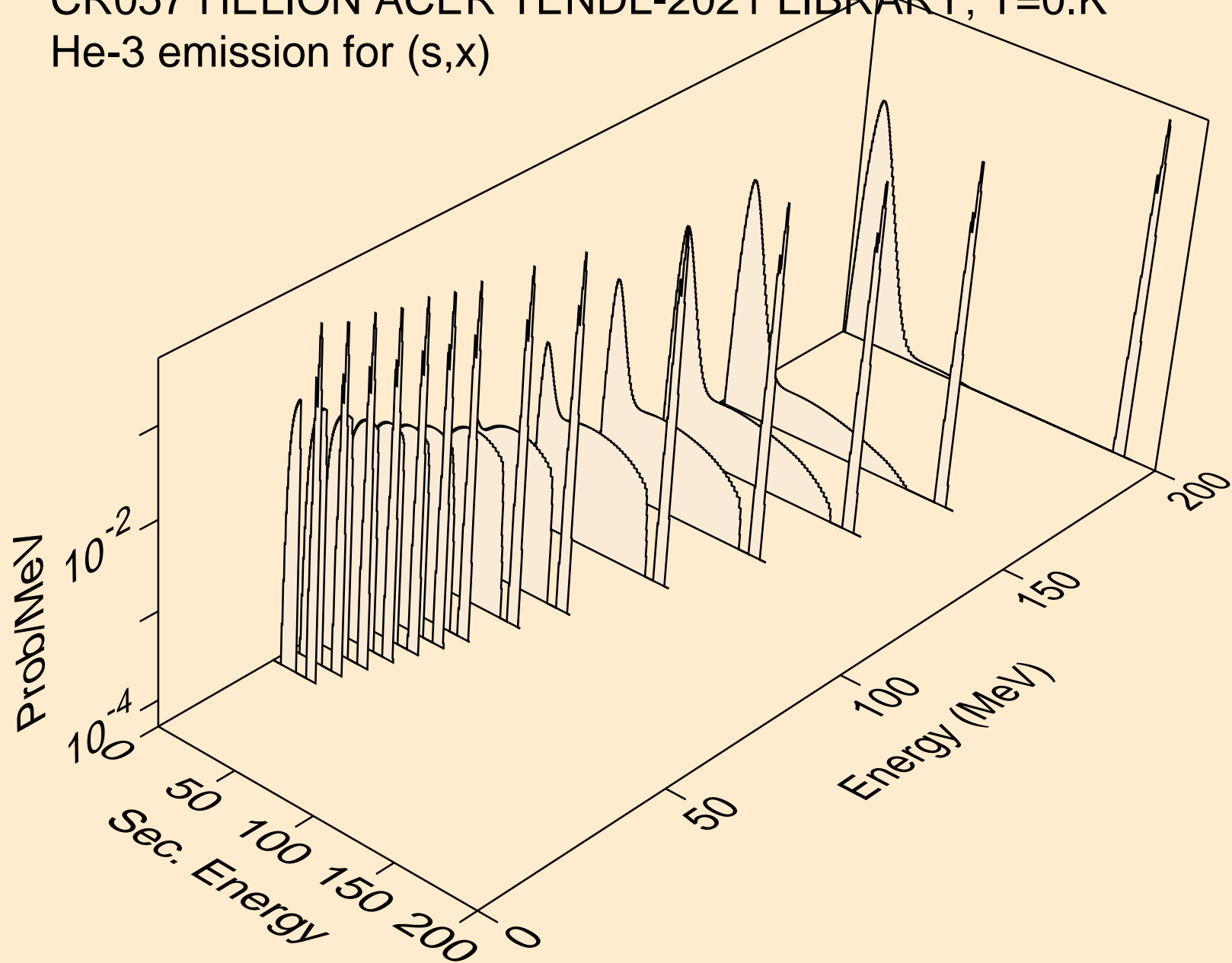
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

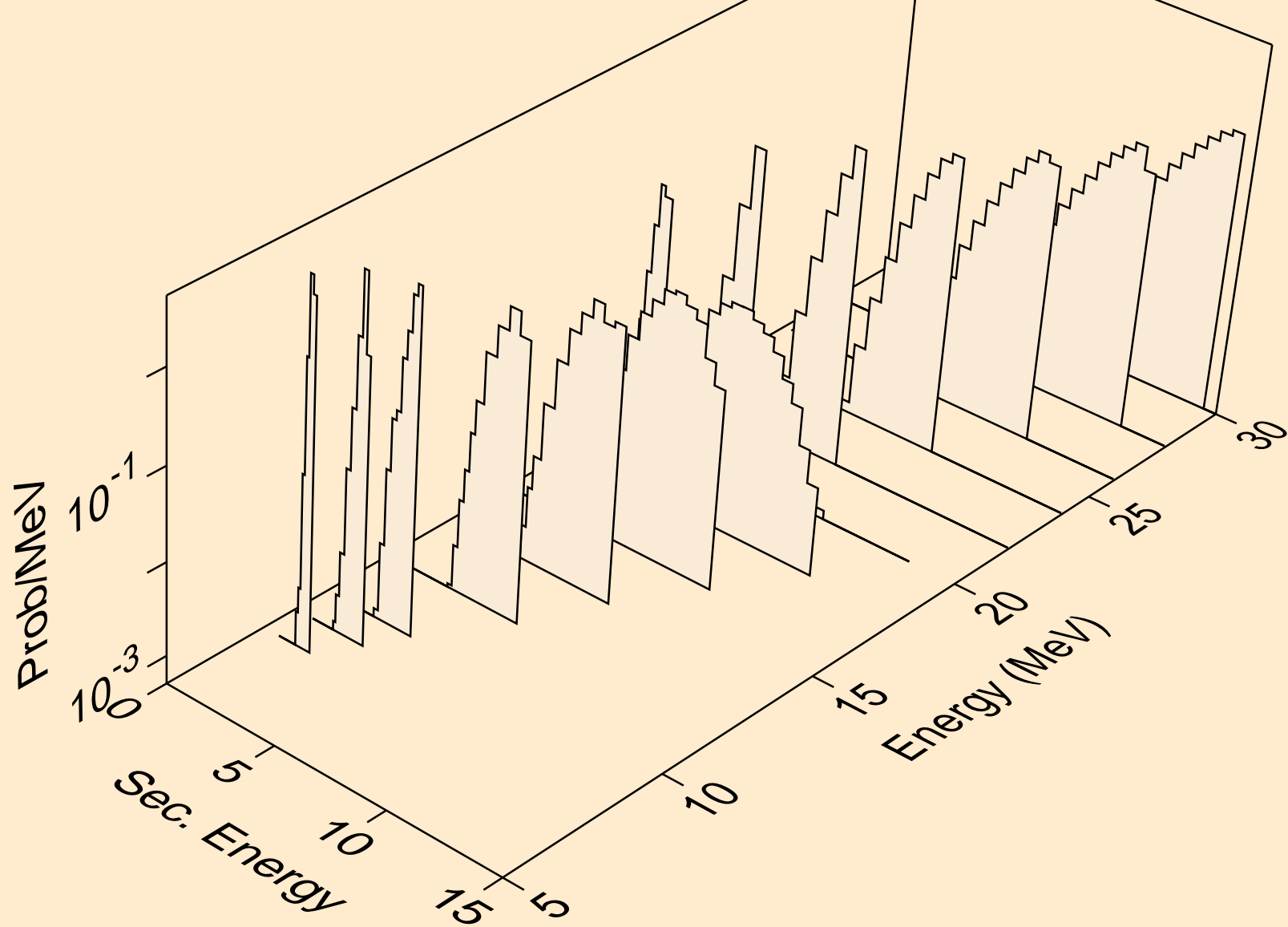


CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

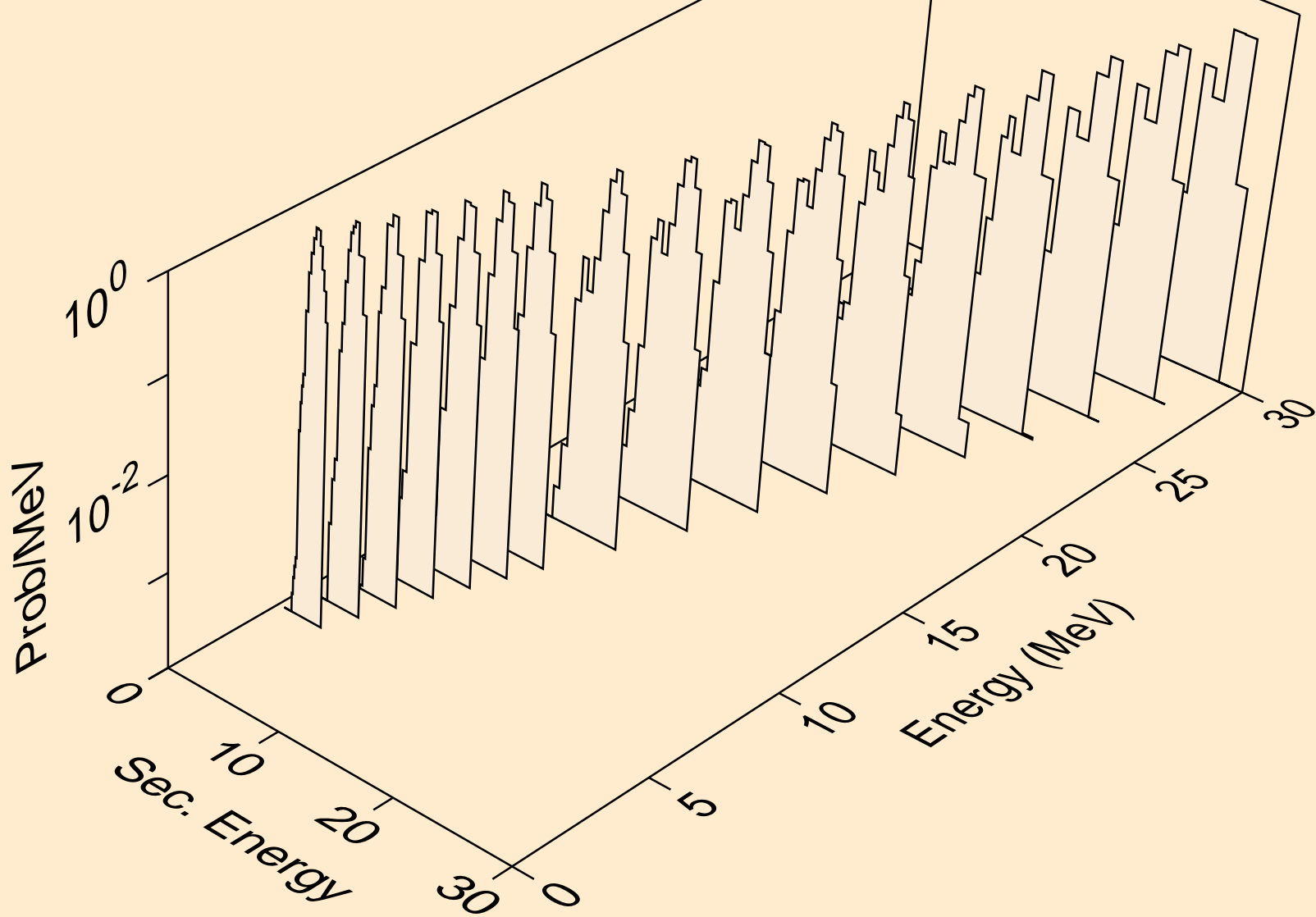




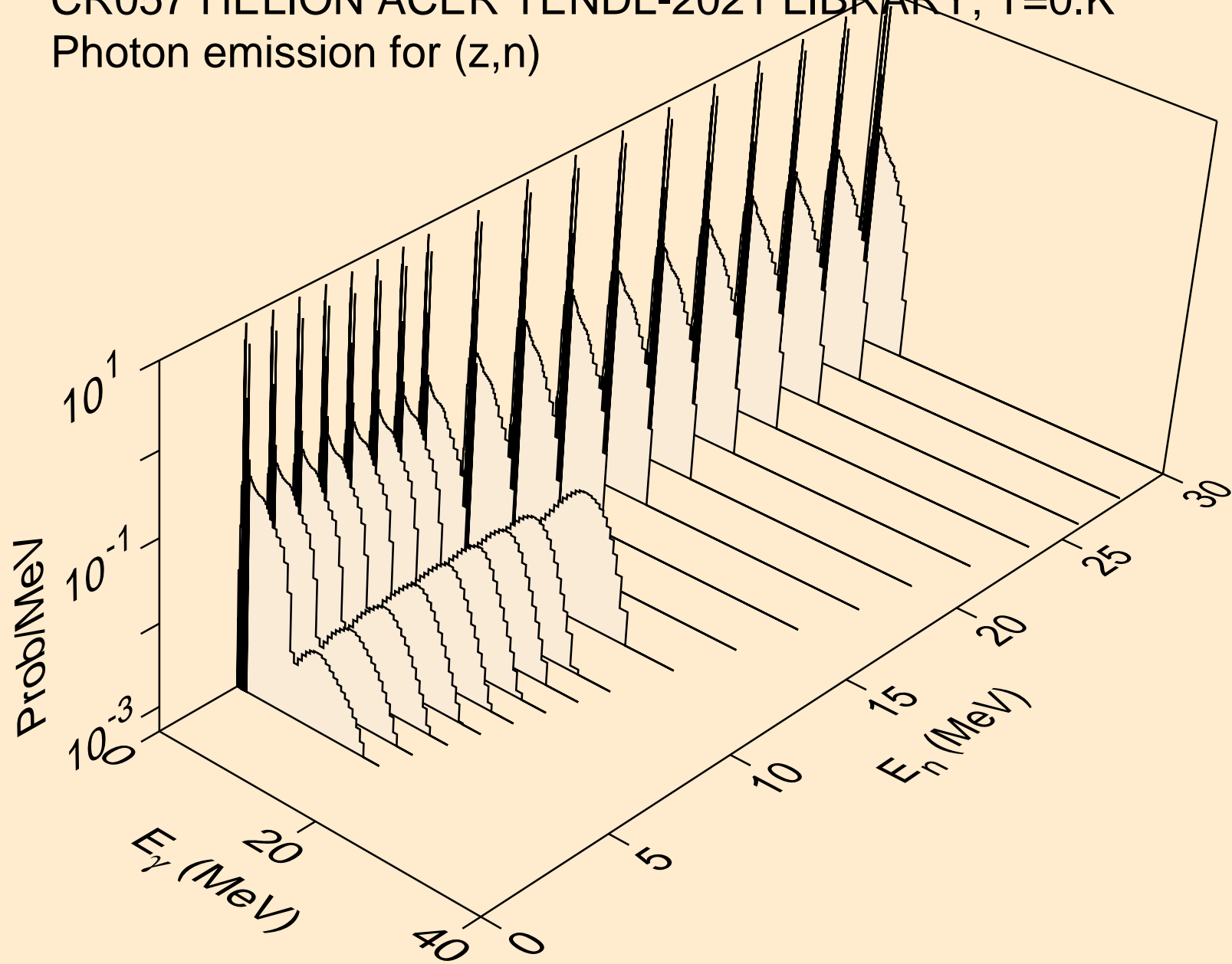
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



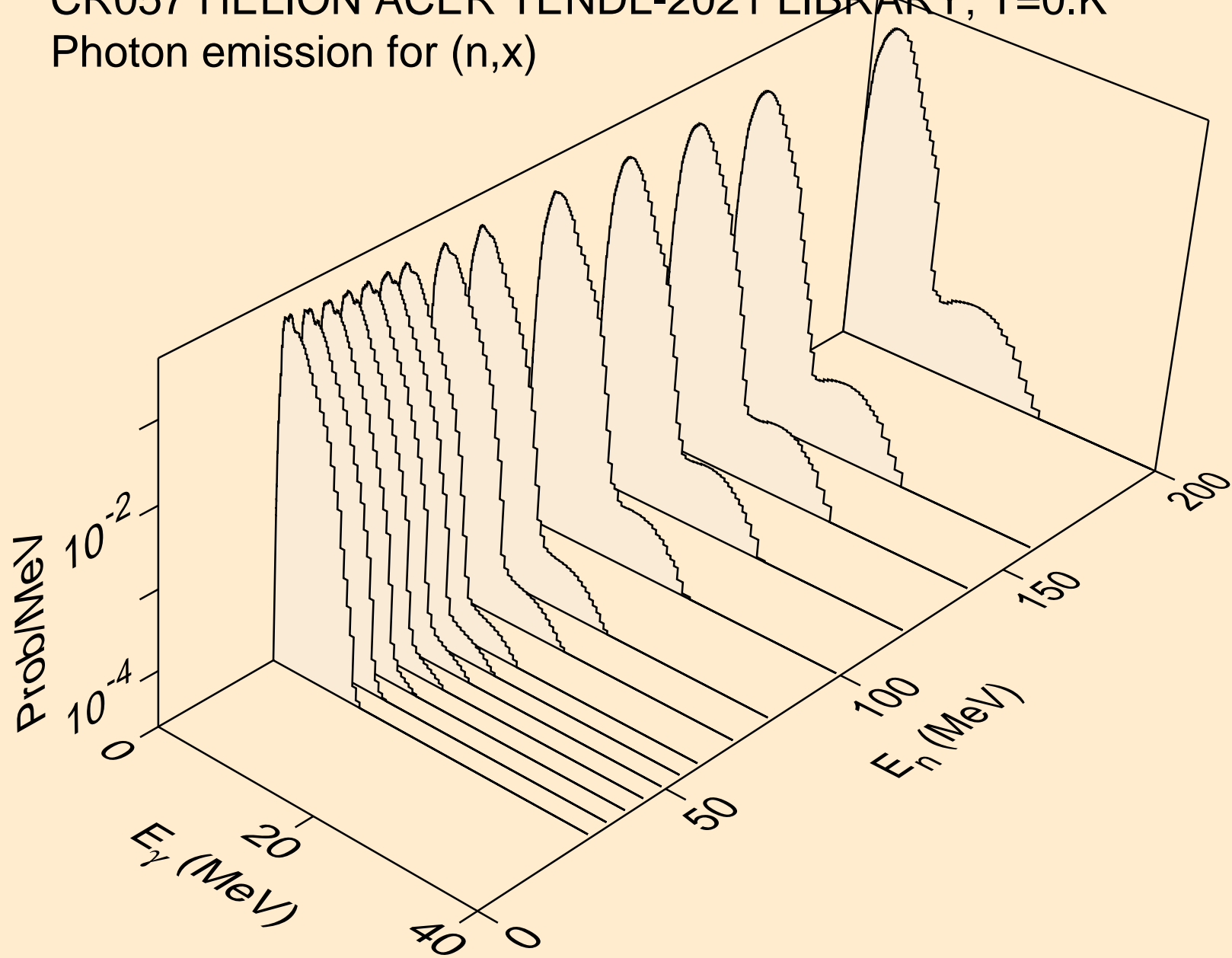
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



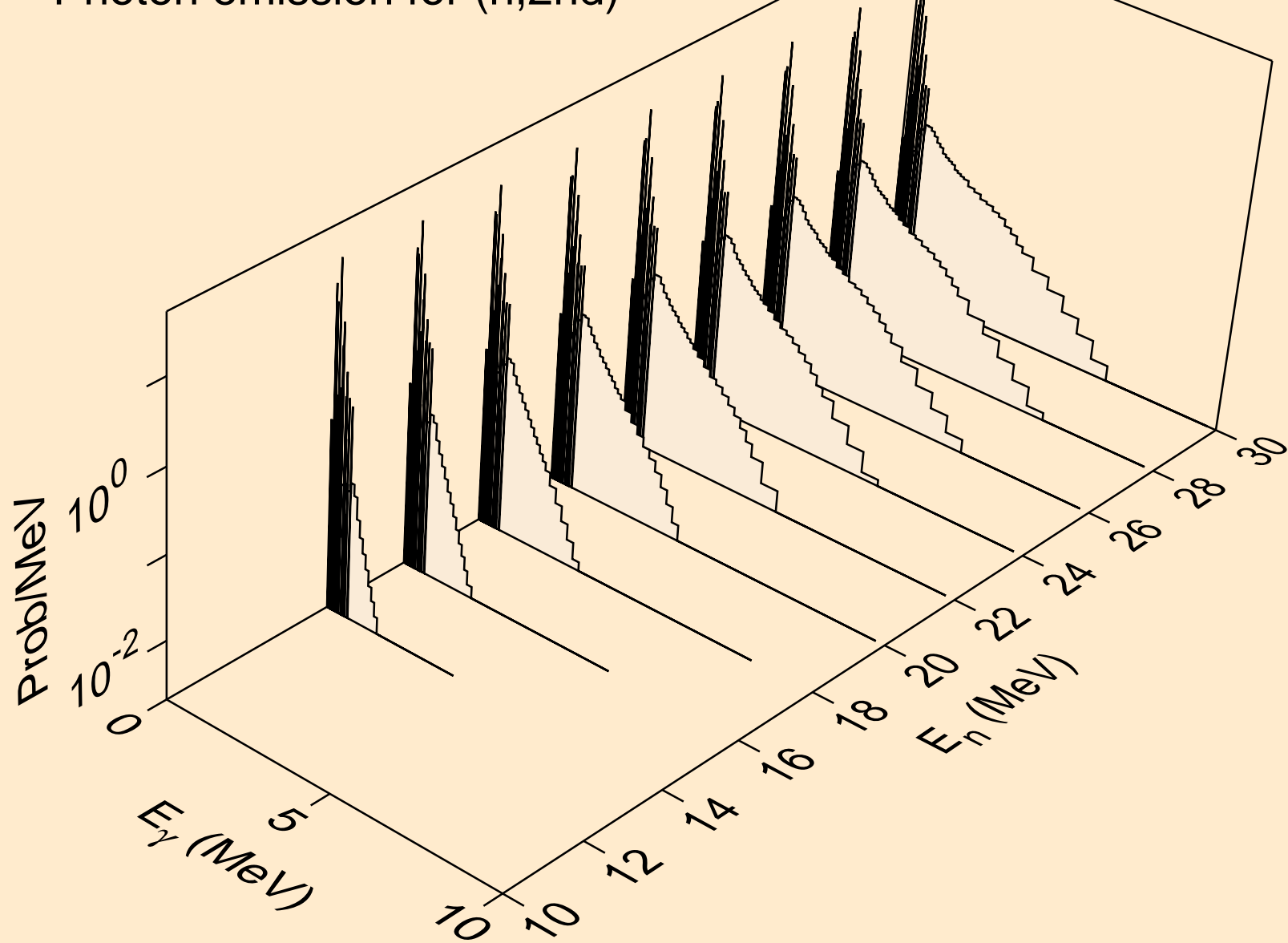
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



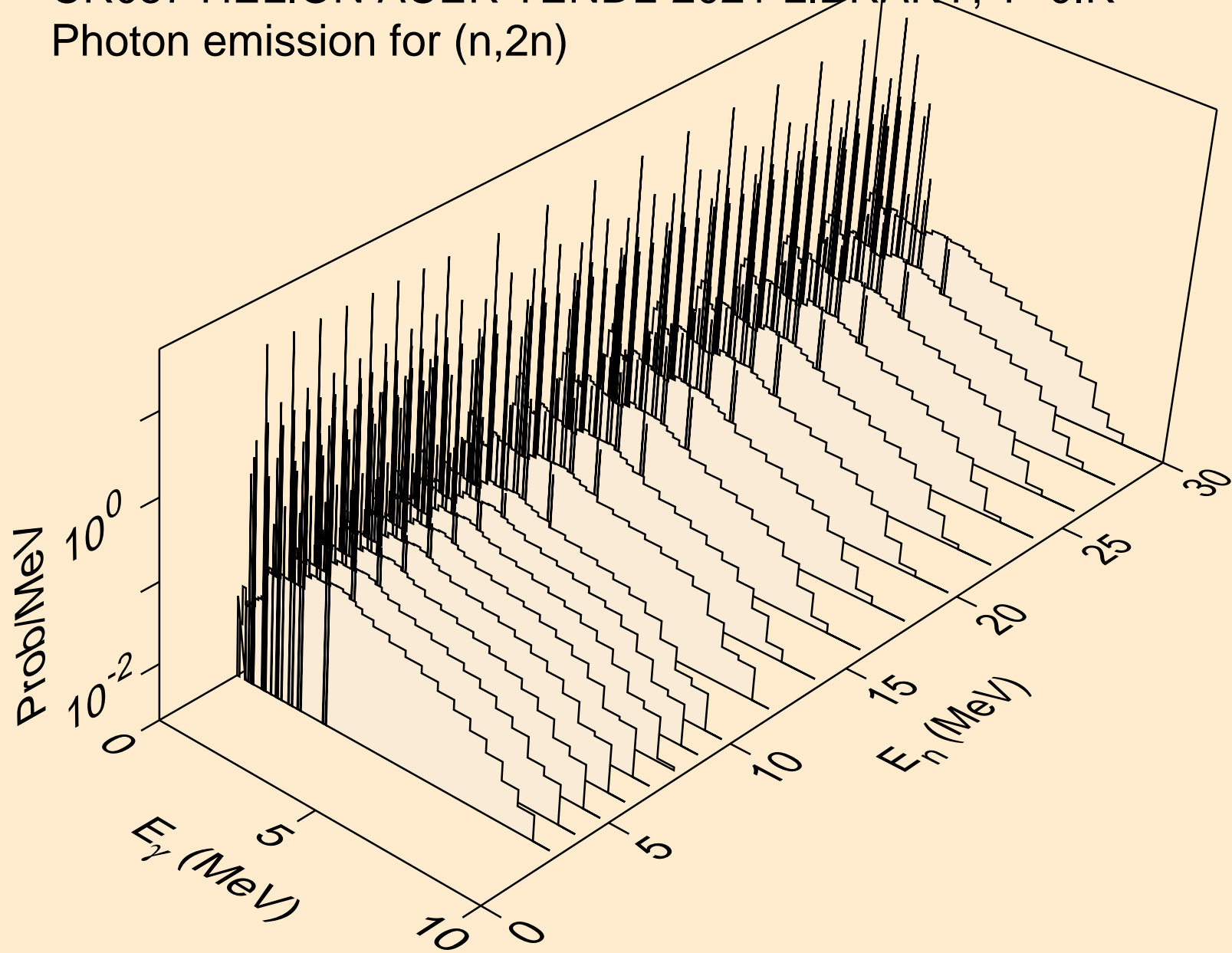
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Photon emission for (n,x)



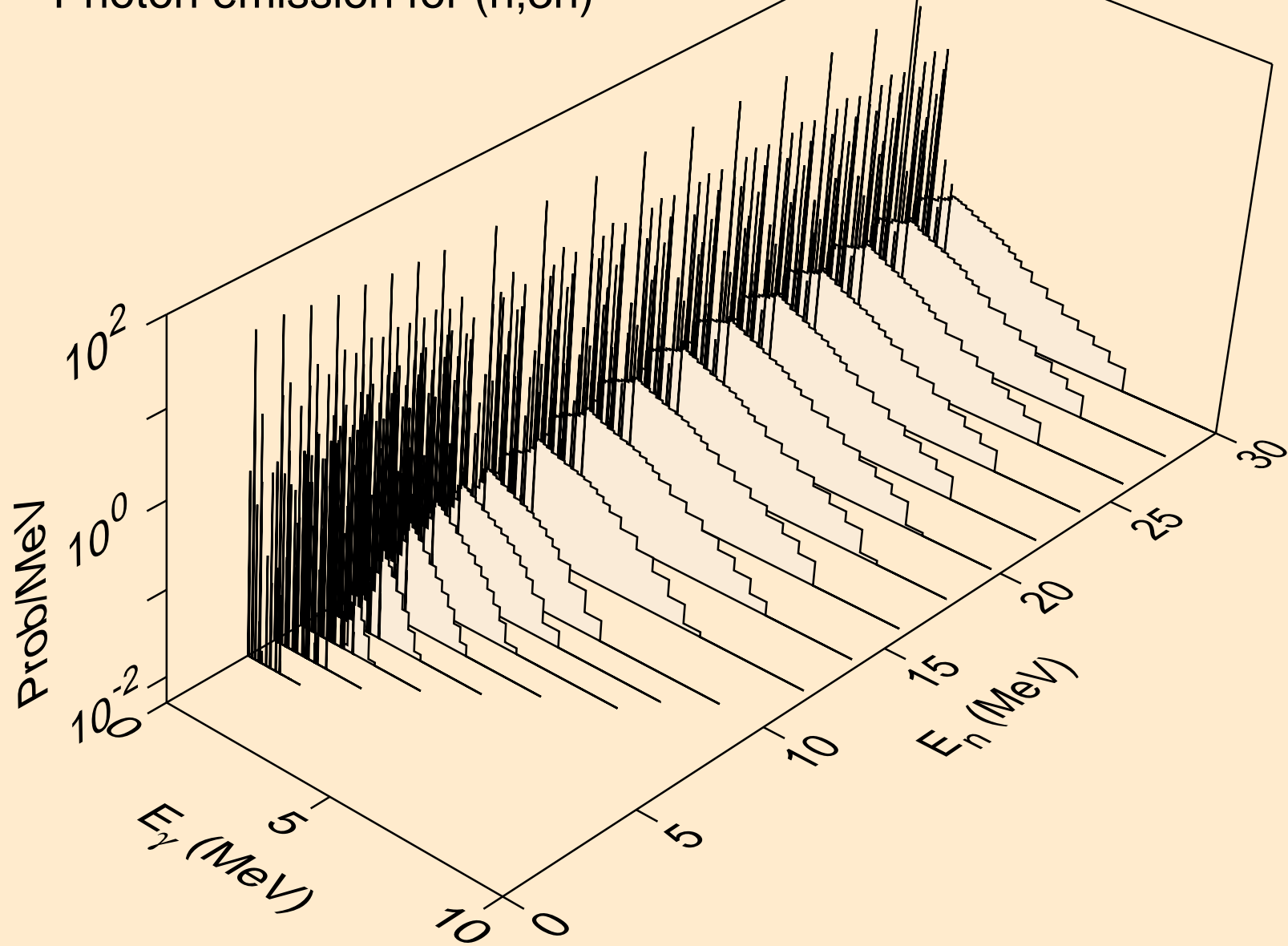
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



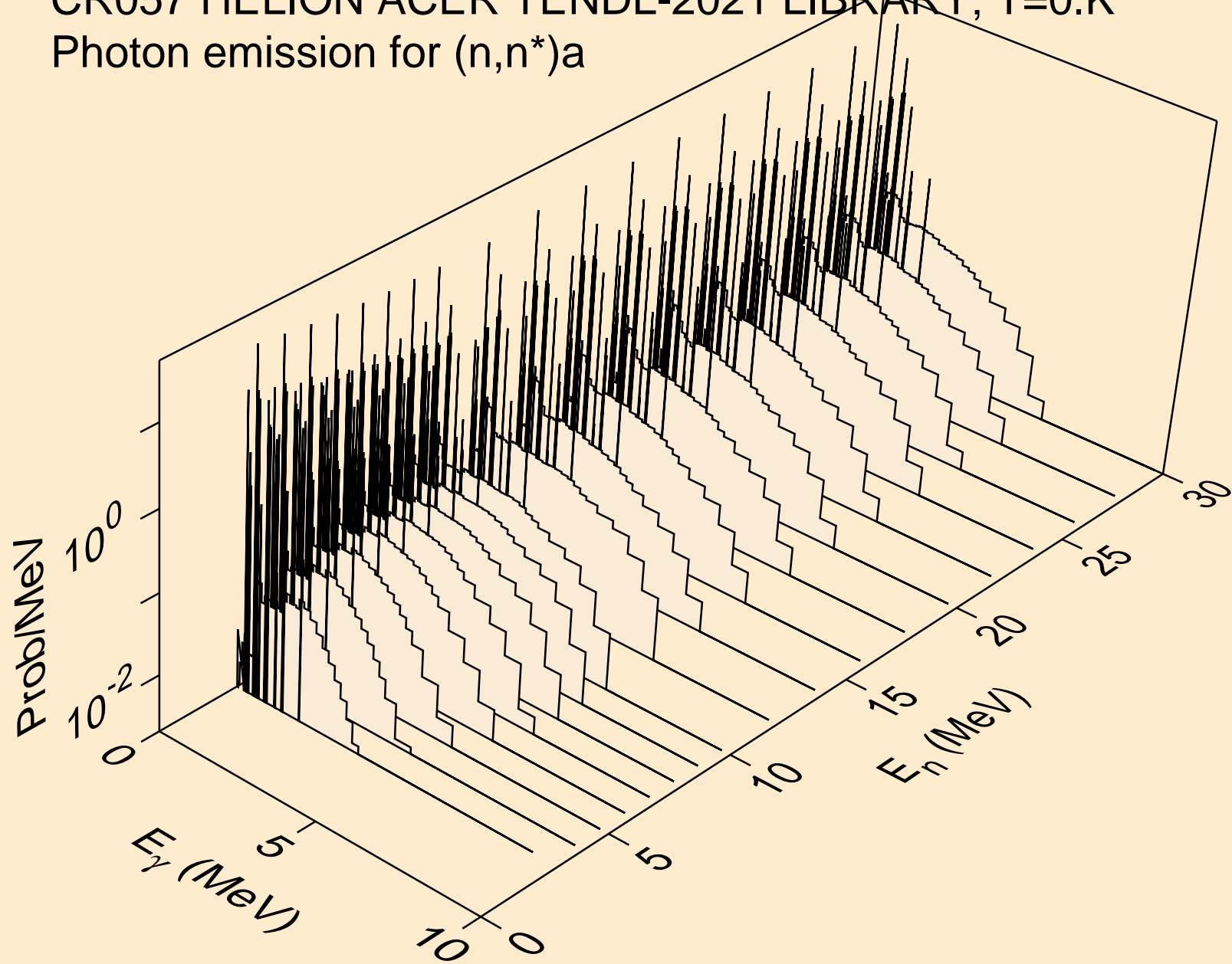
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

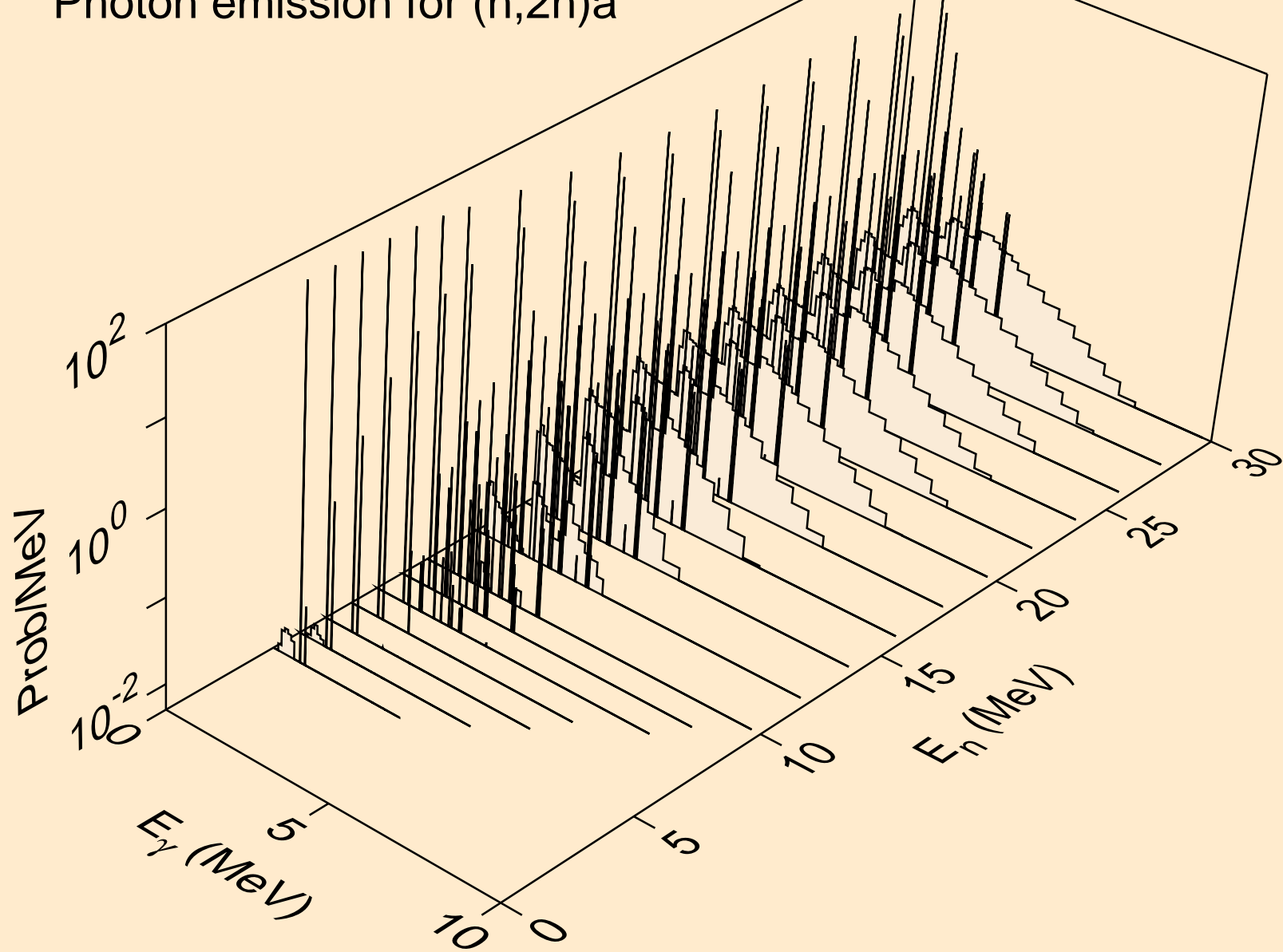


CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

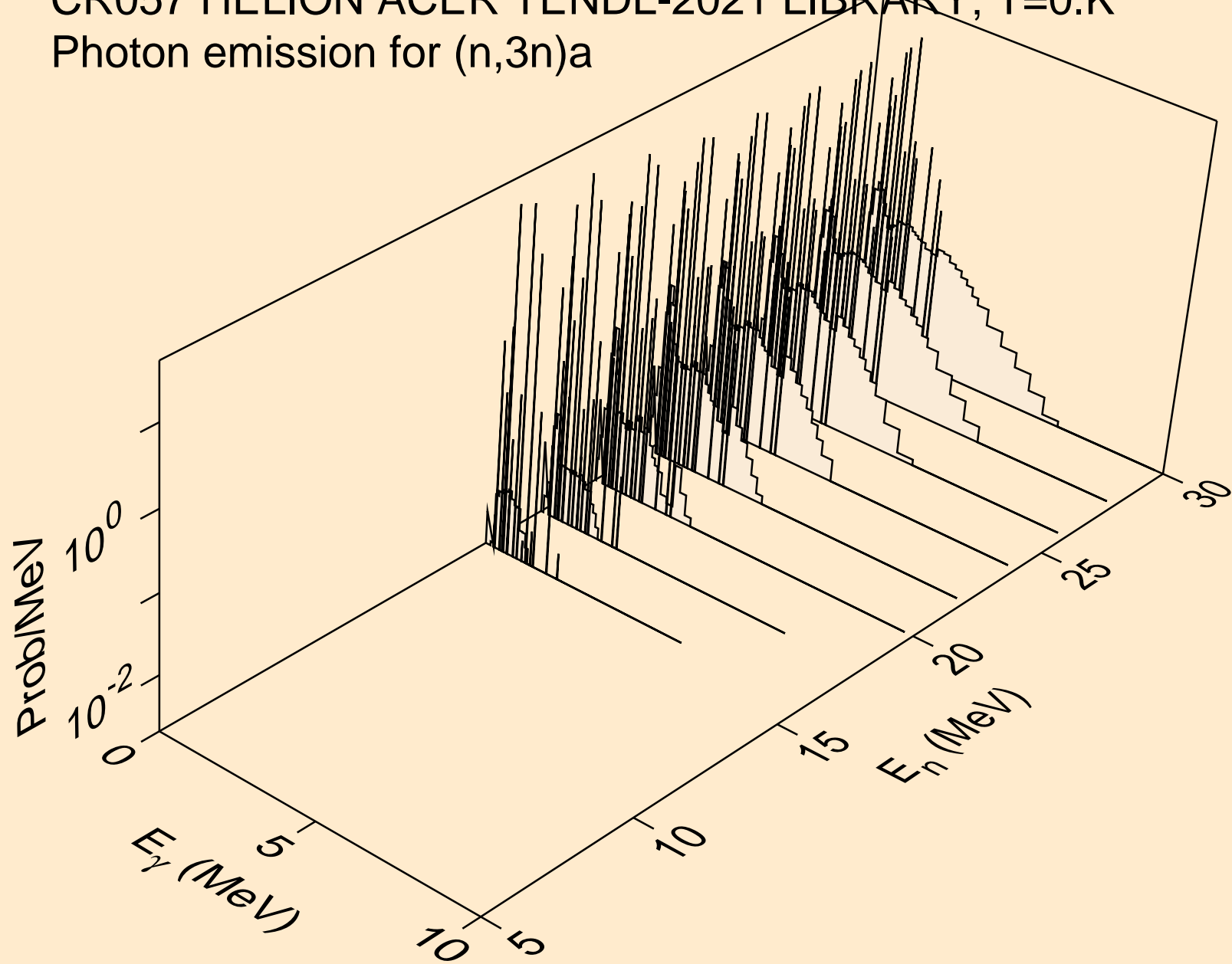




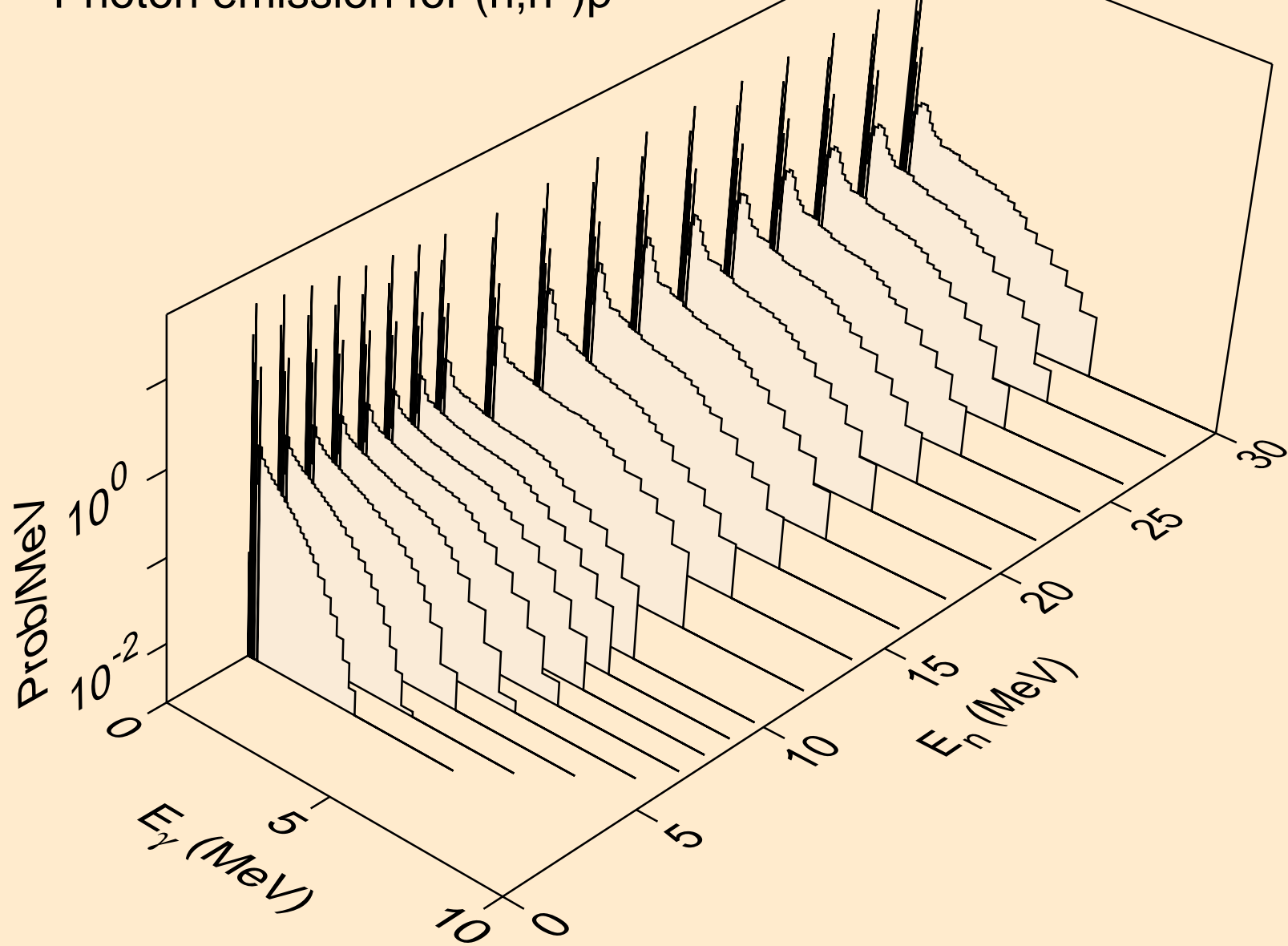
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



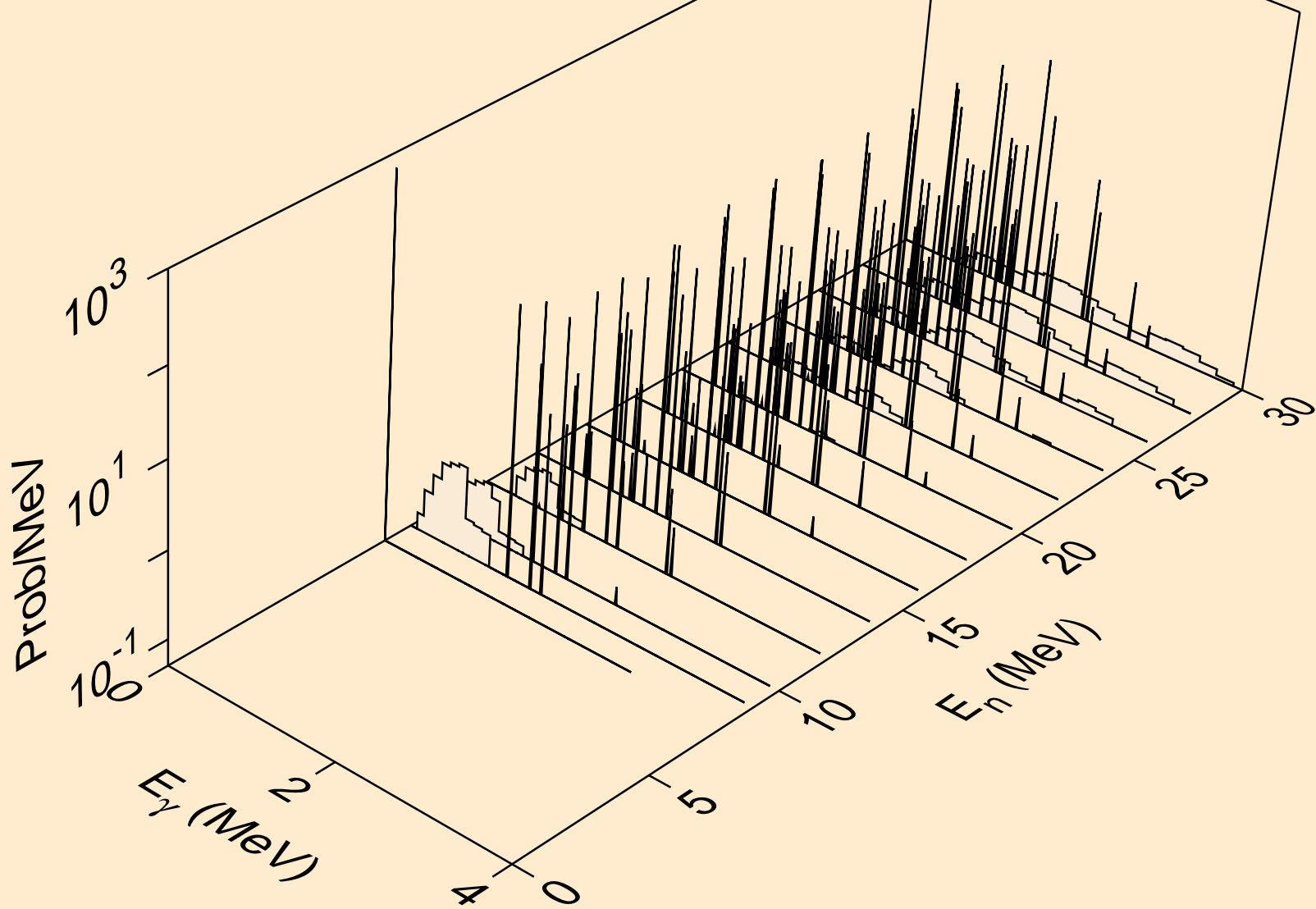
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Photon emission for (n,3n)a



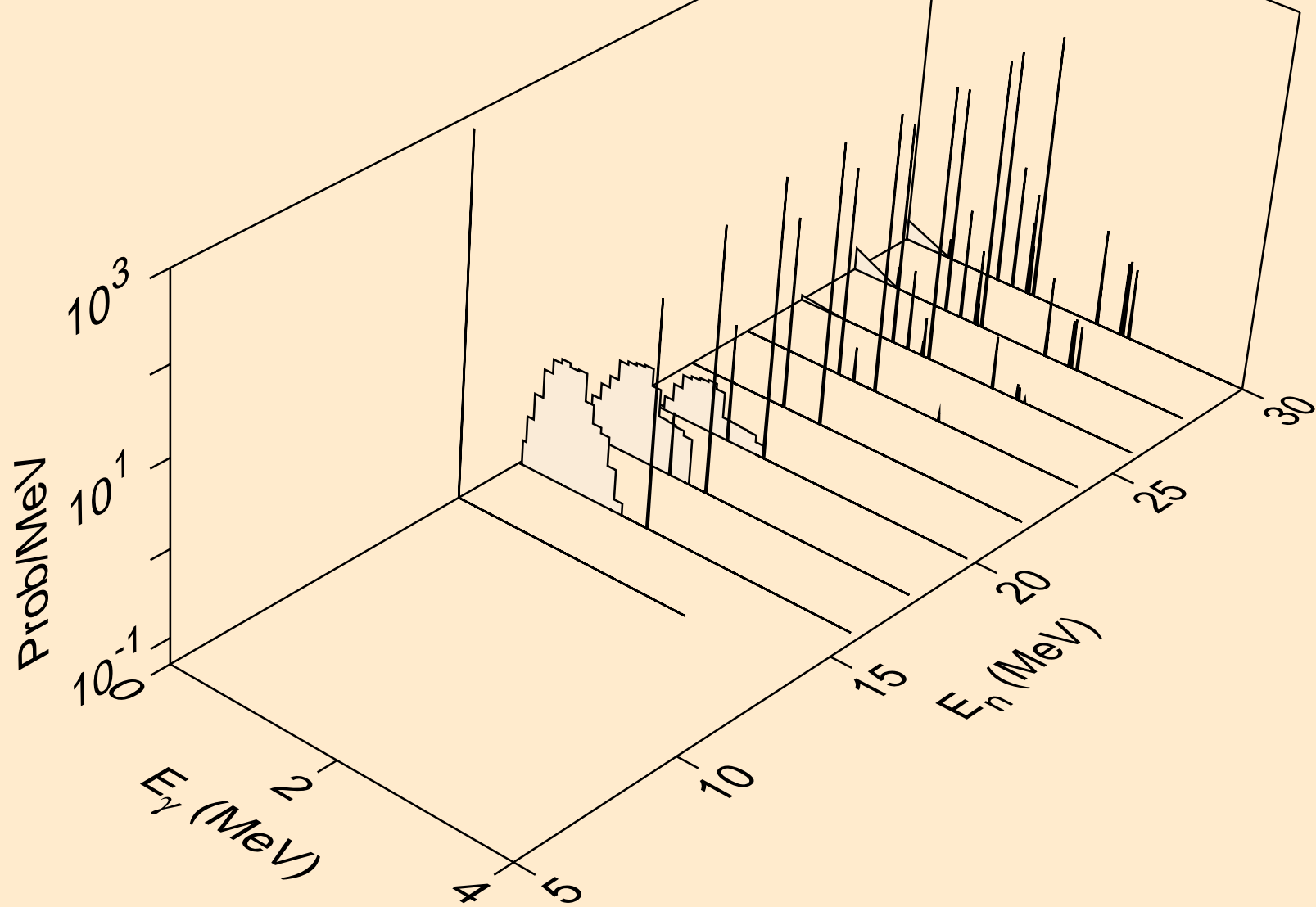
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



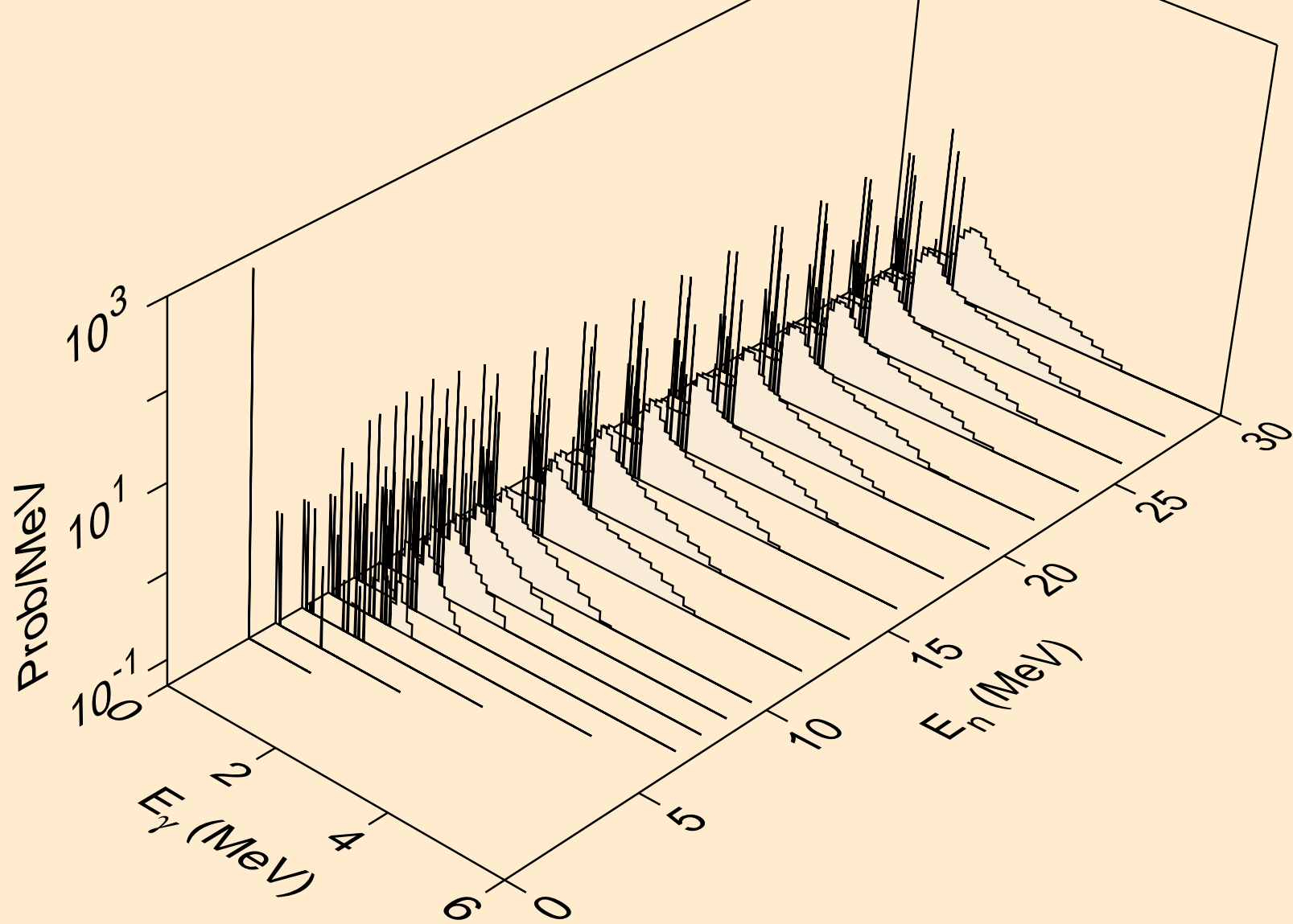
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Photon emission for (n,n\*)2a



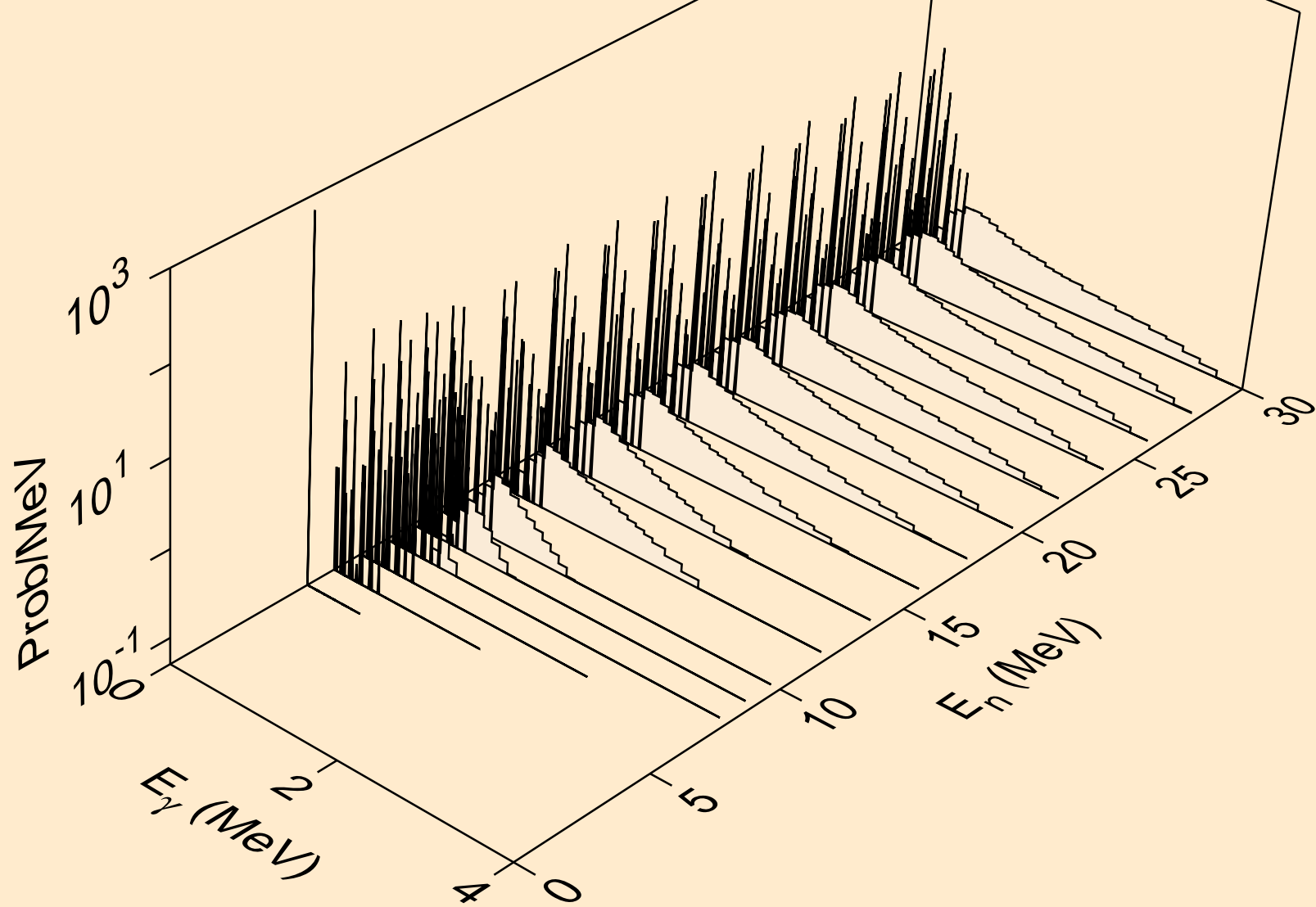
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Photon emission for (n,2n)2a



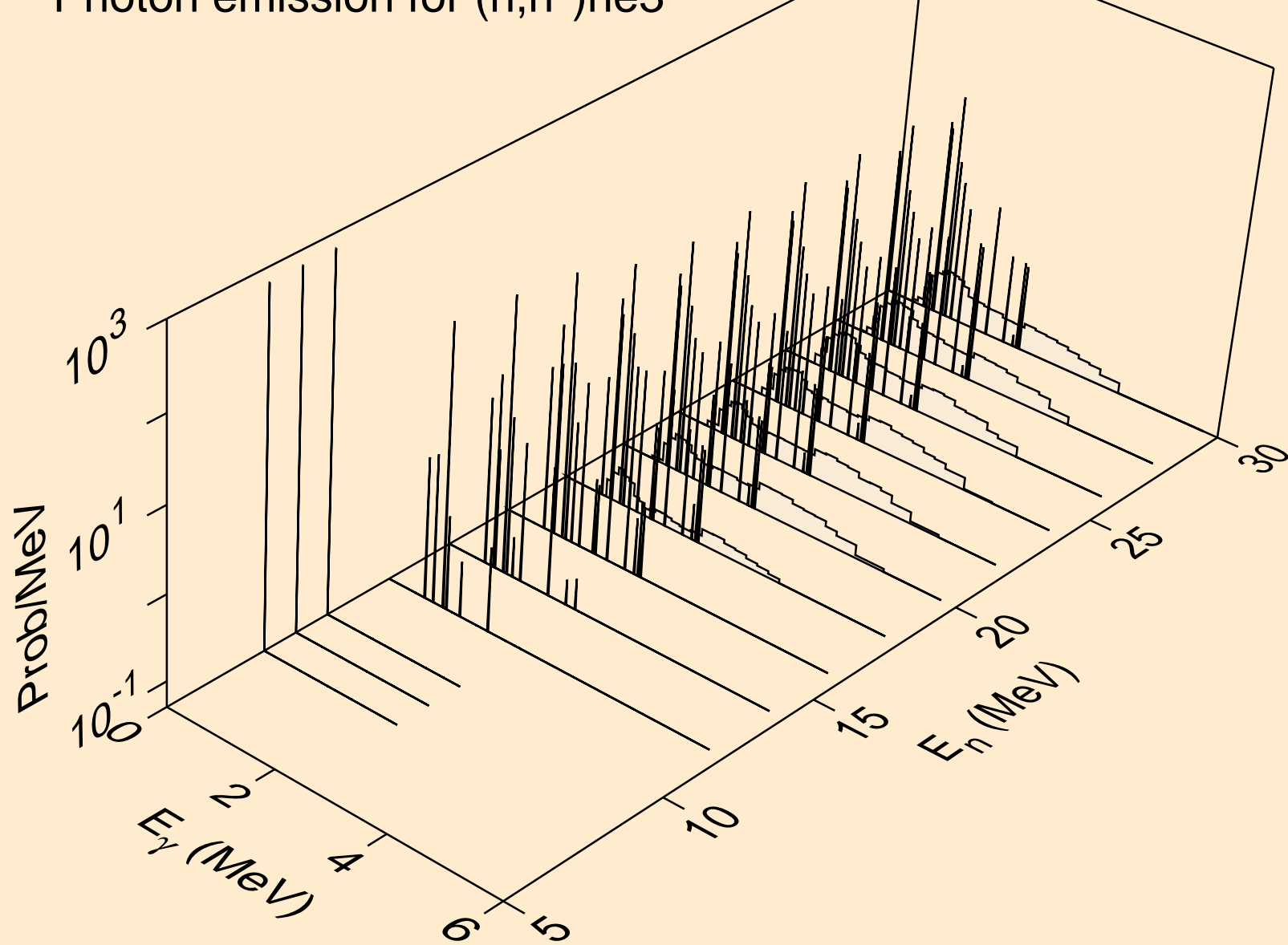
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

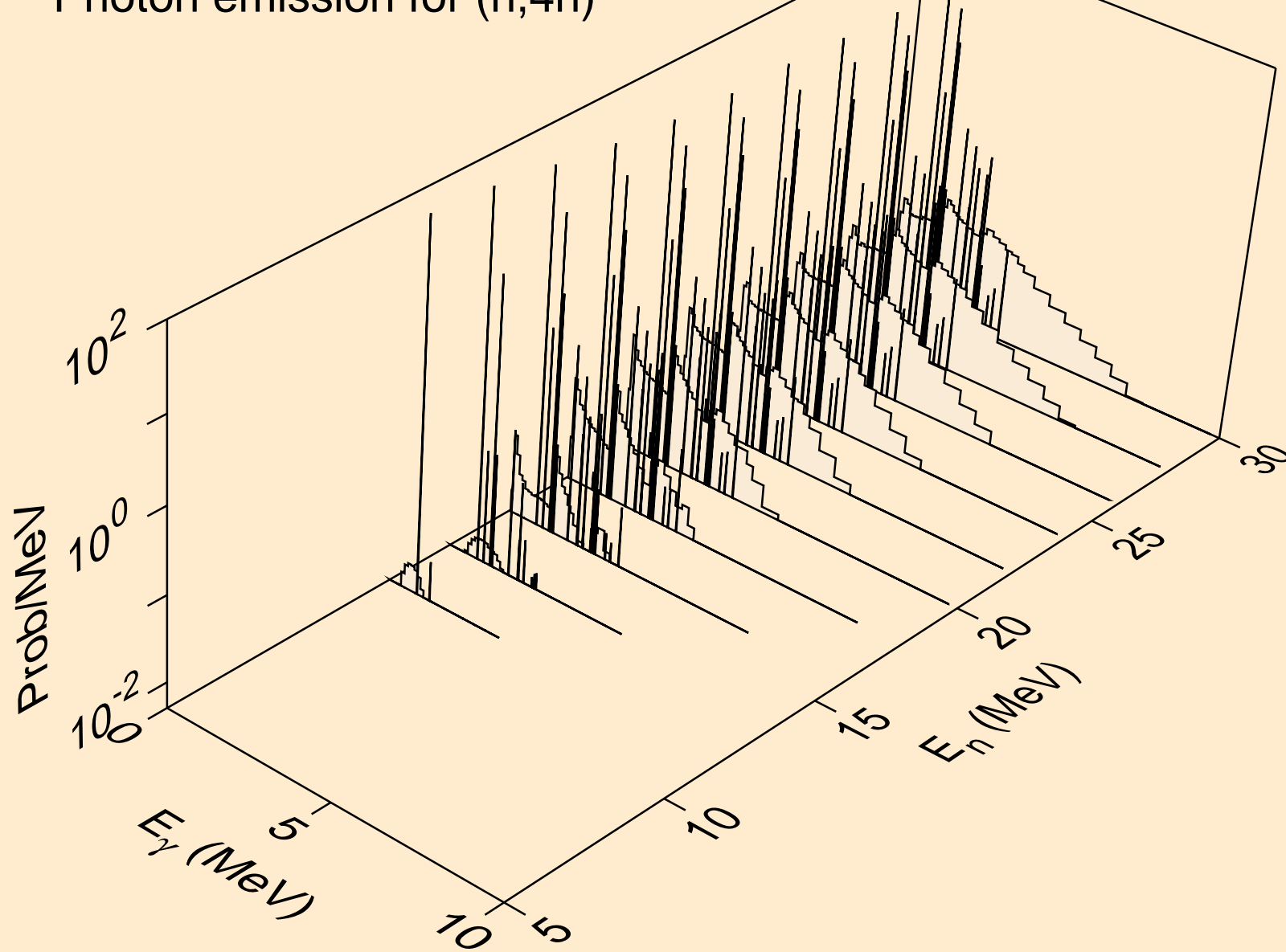


CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

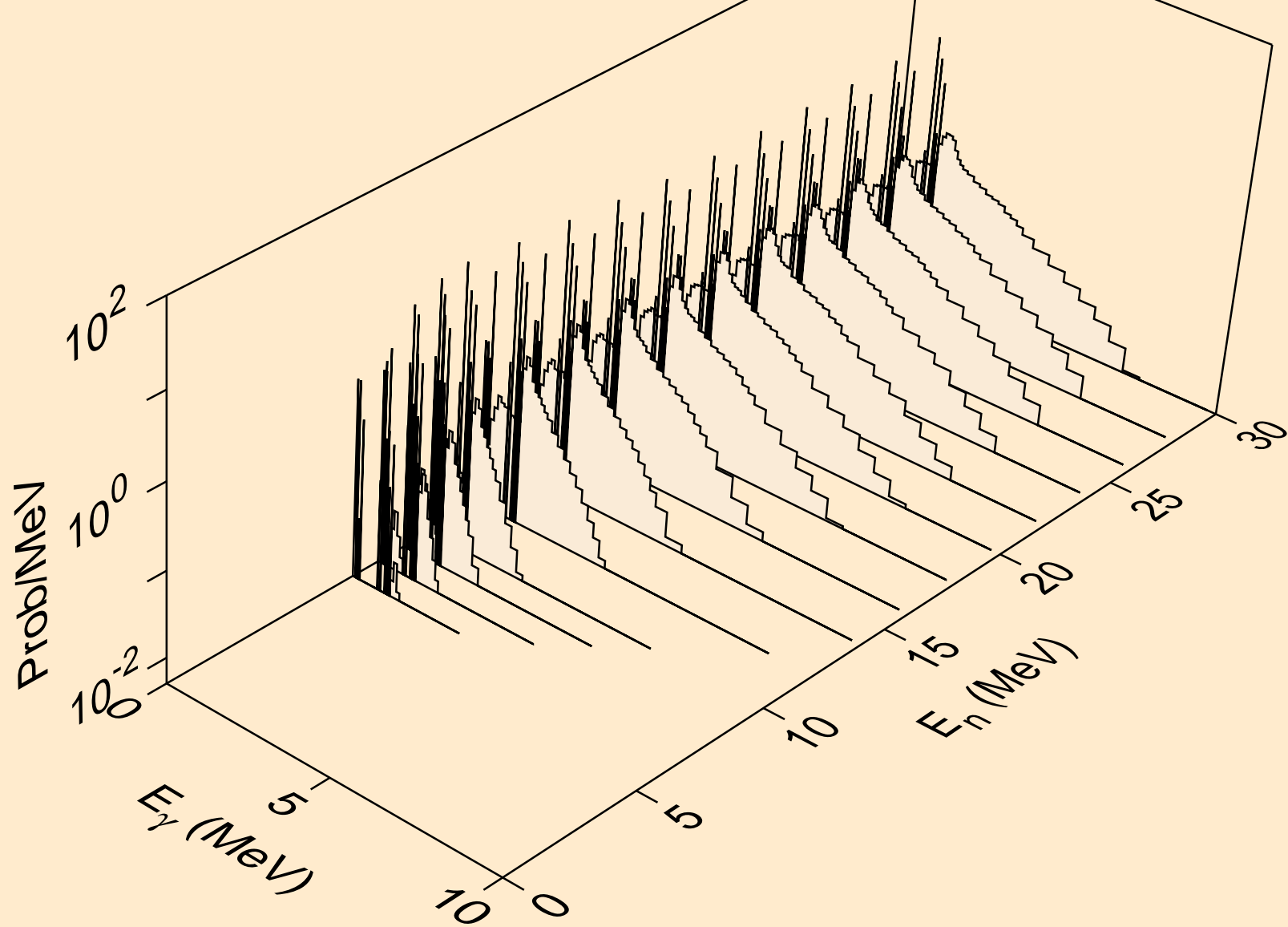




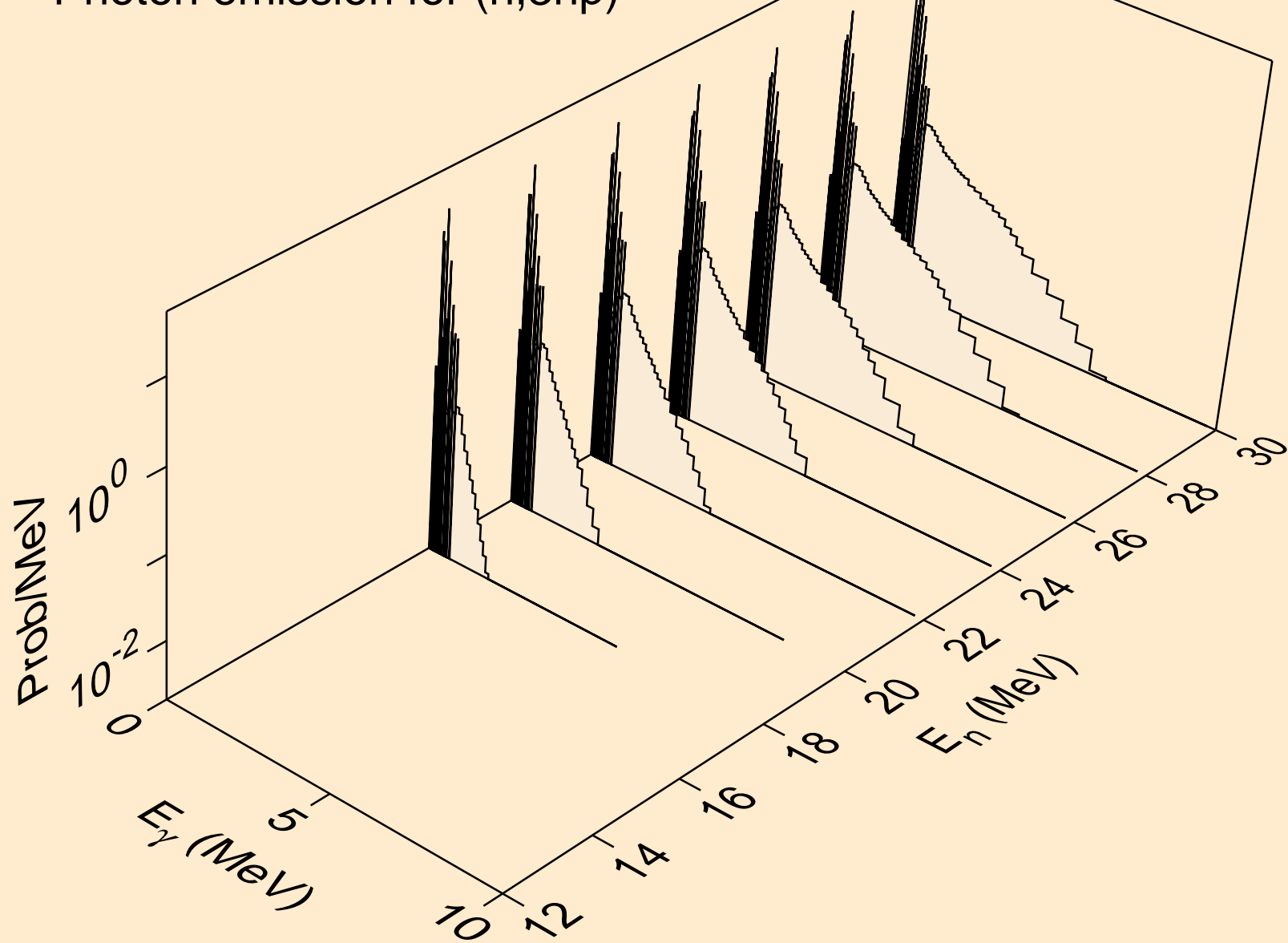
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Photon emission for (n,4n)



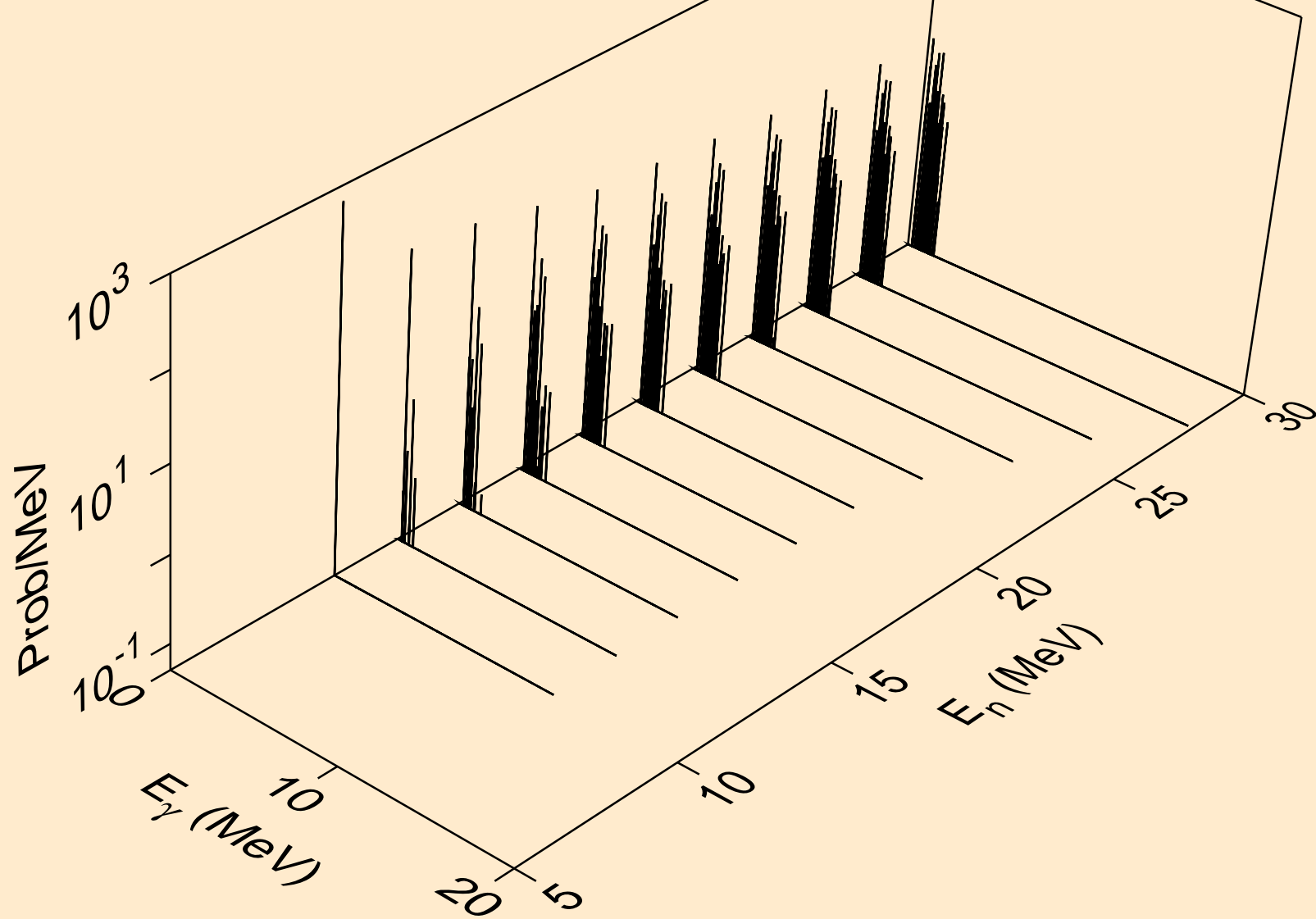
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Photon emission for (n,2np)



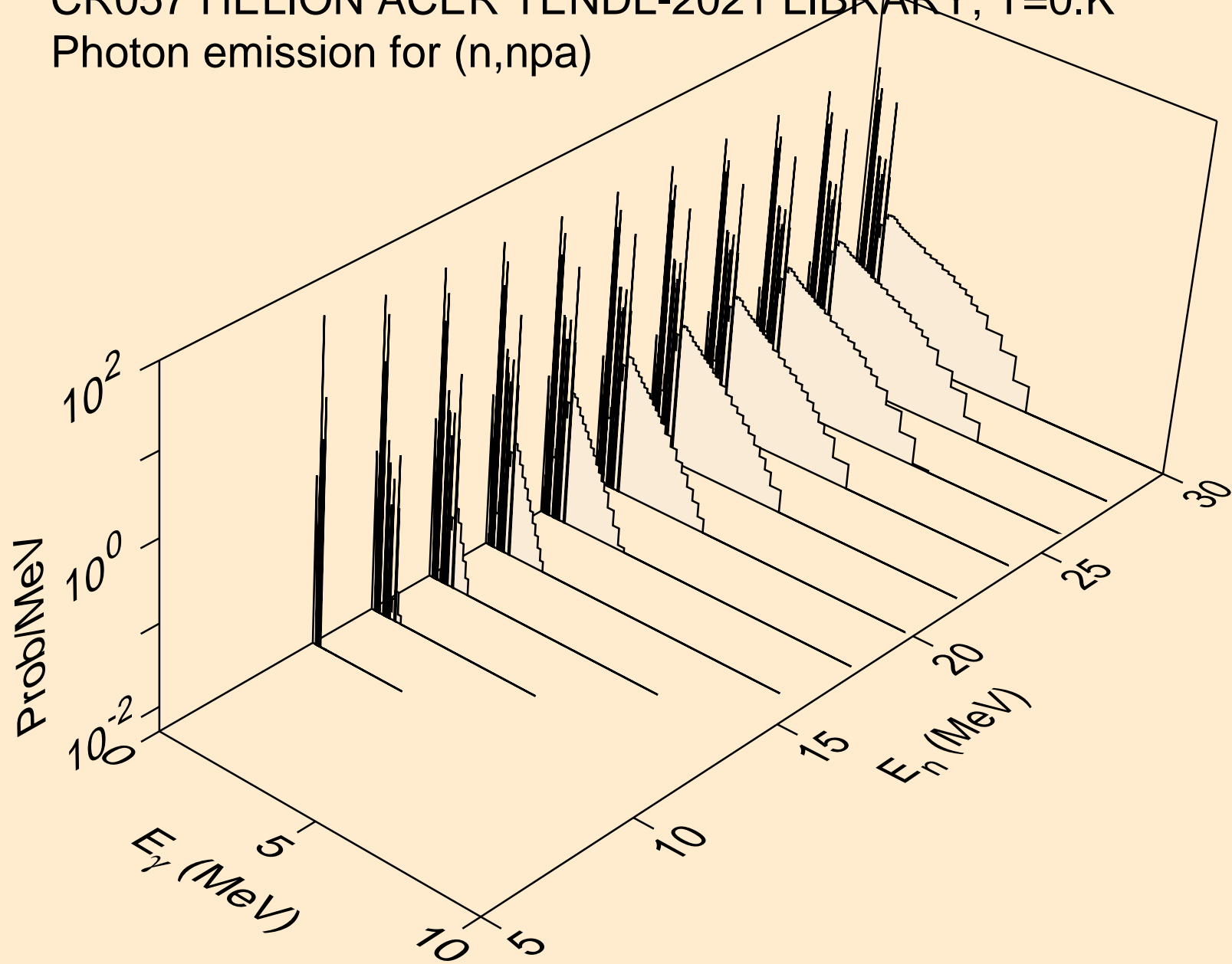
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Photon emission for (n,3np)



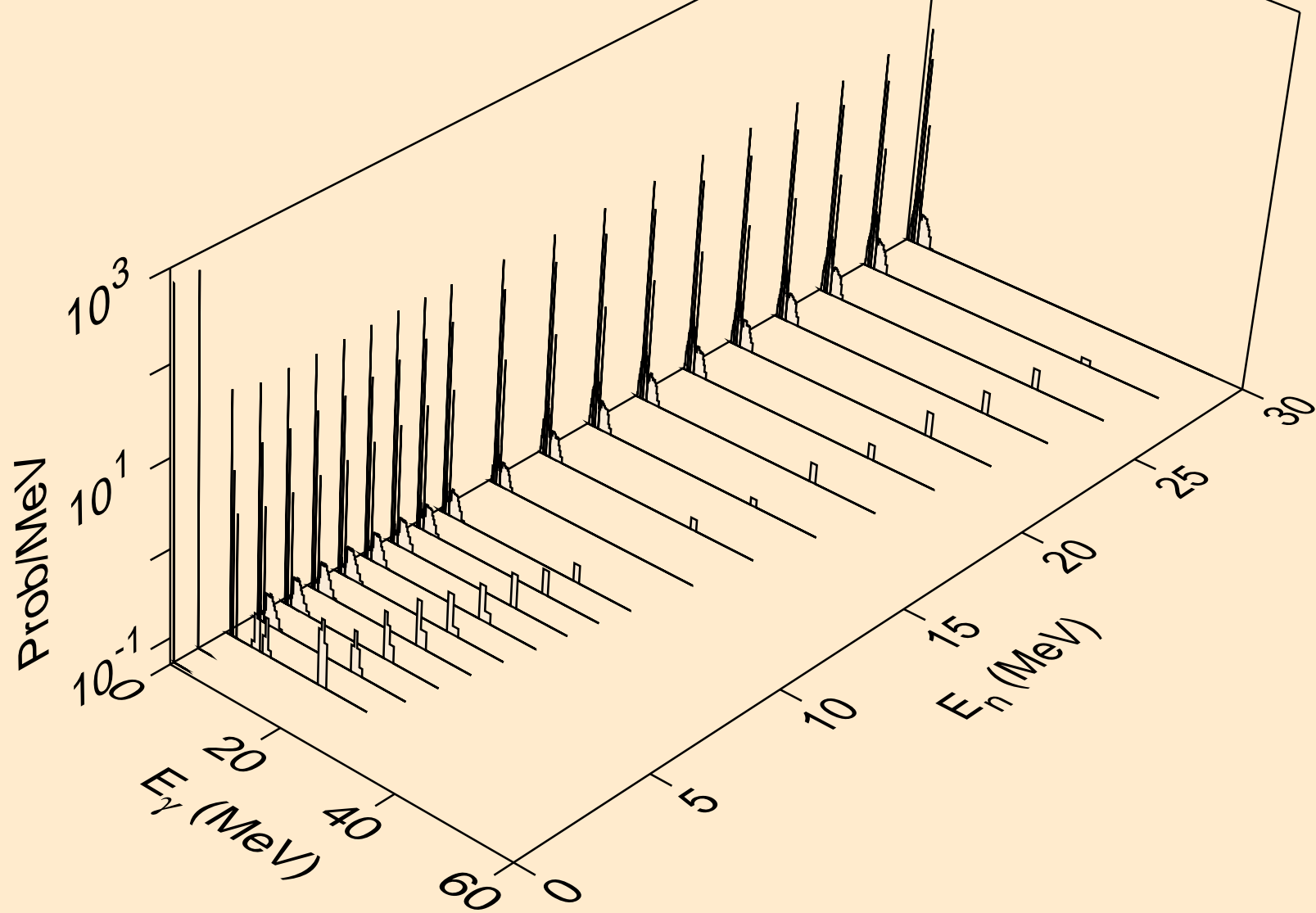
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Photon emission for (n,2np)



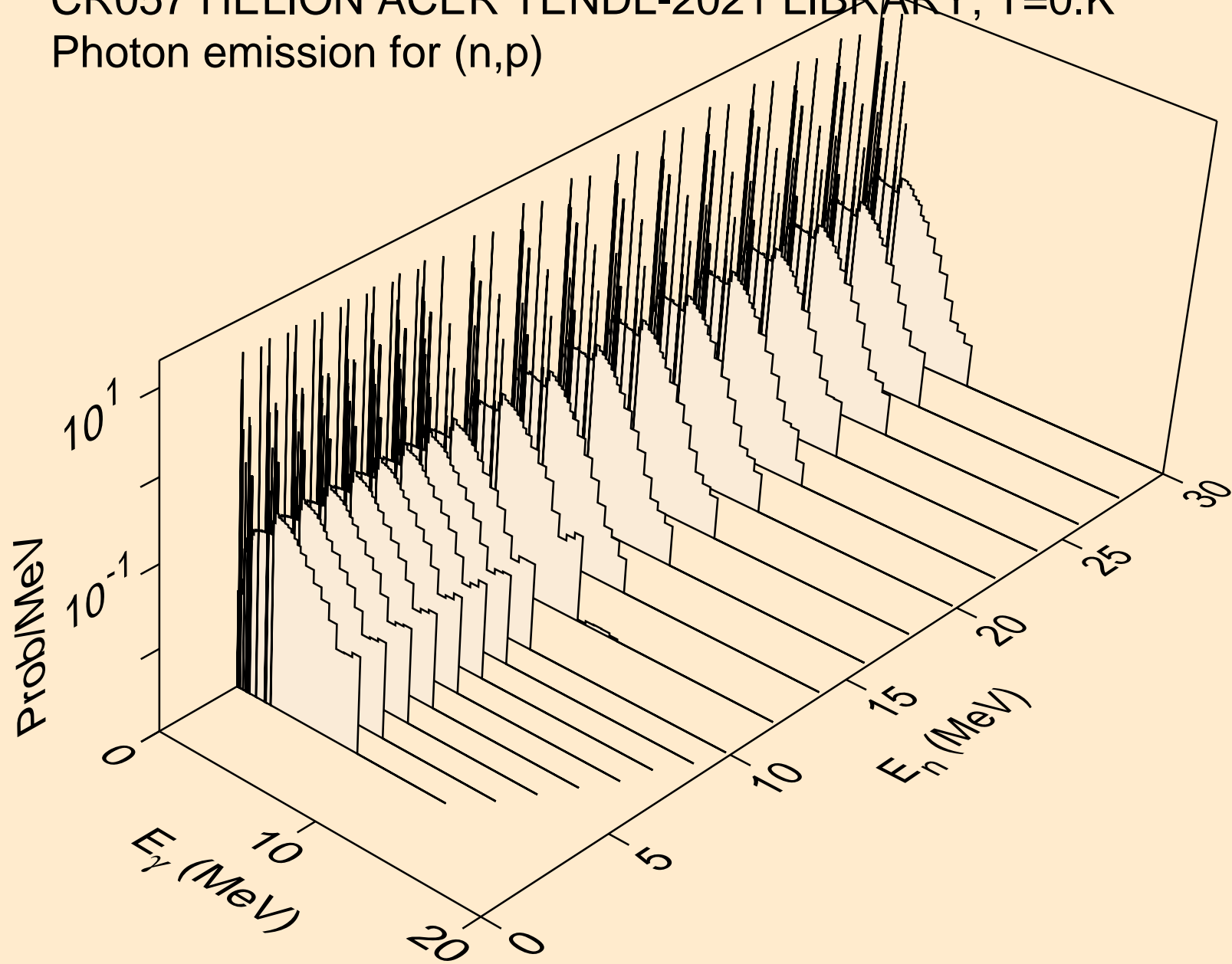
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Photon emission for (n,npa)



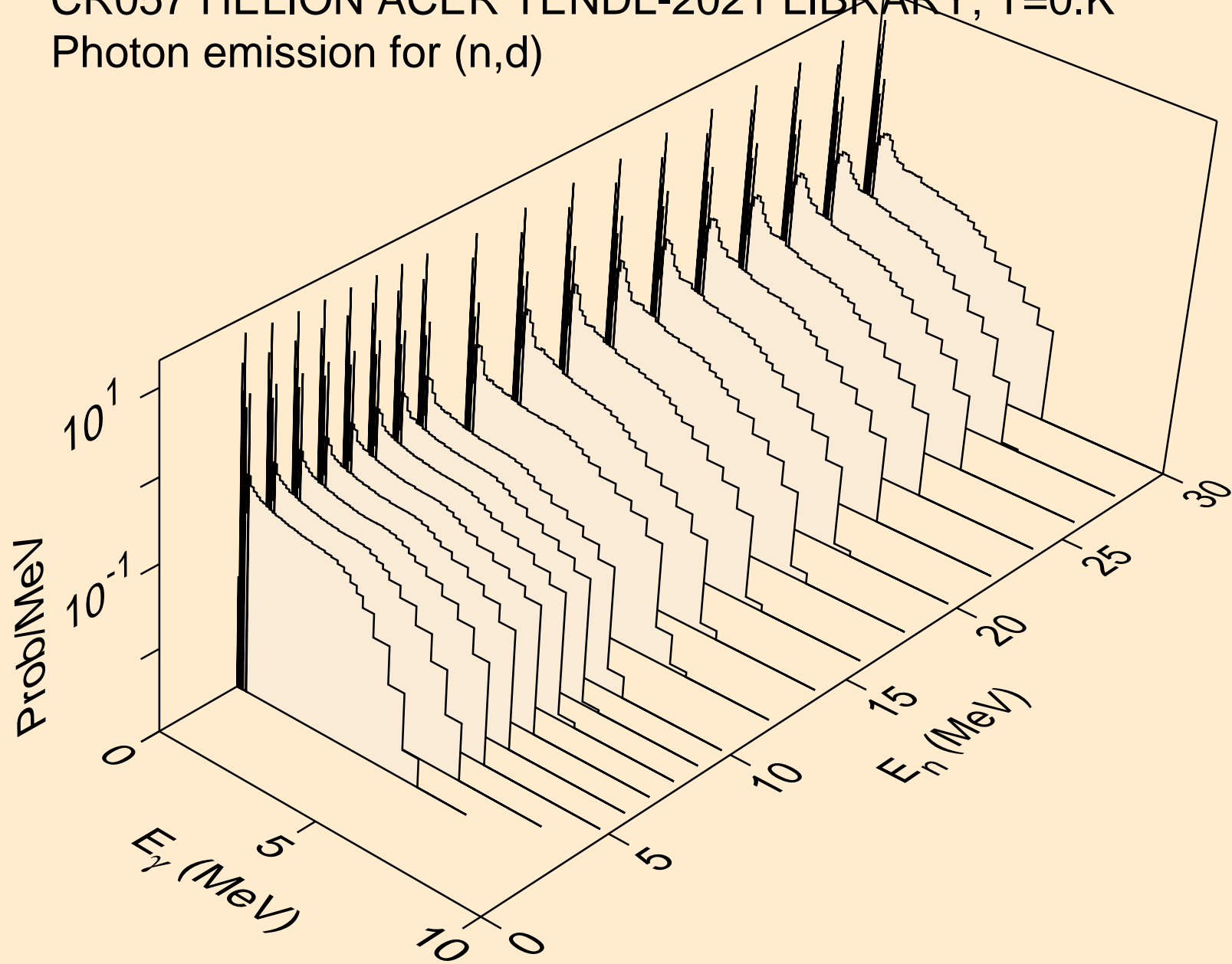
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)

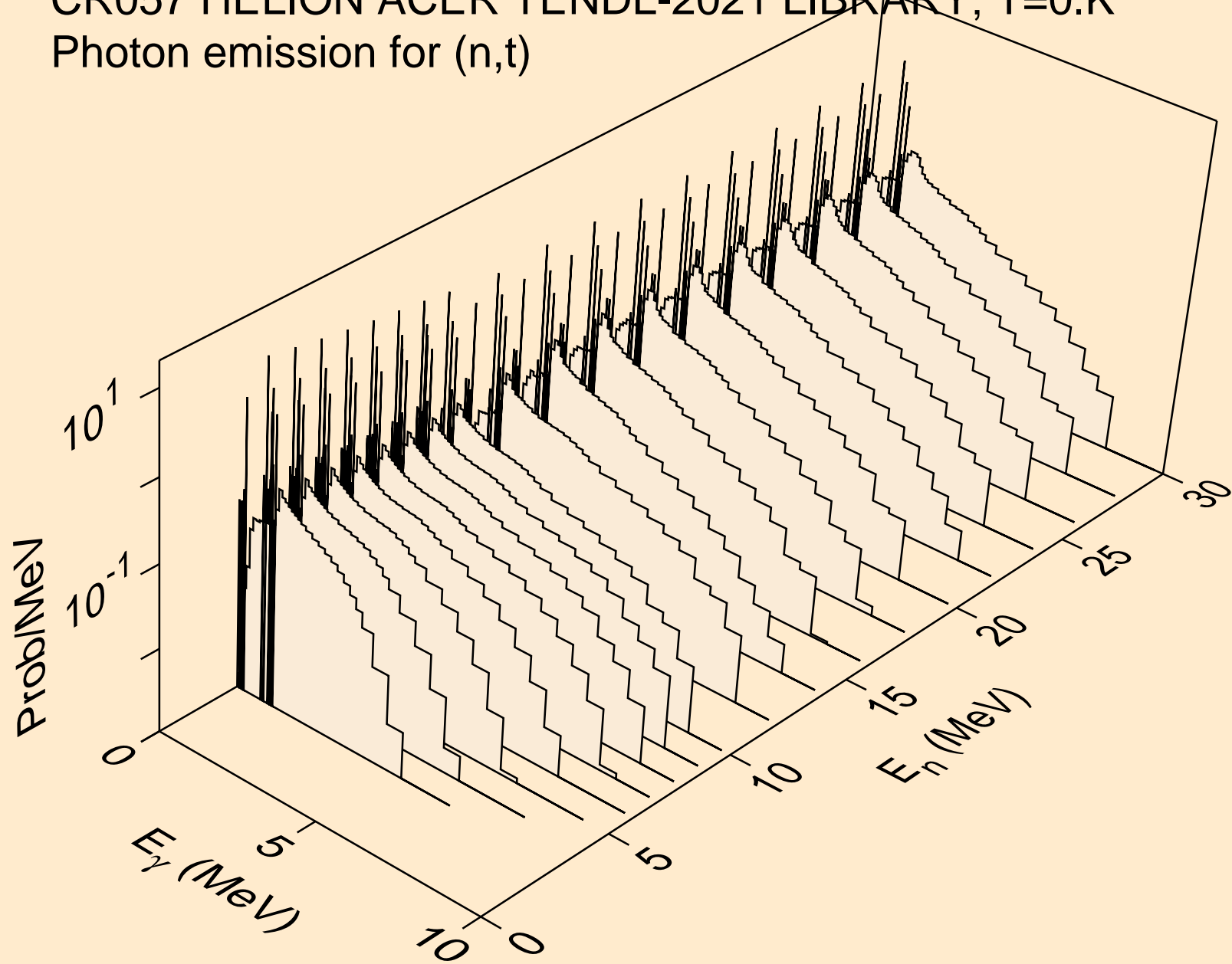


CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

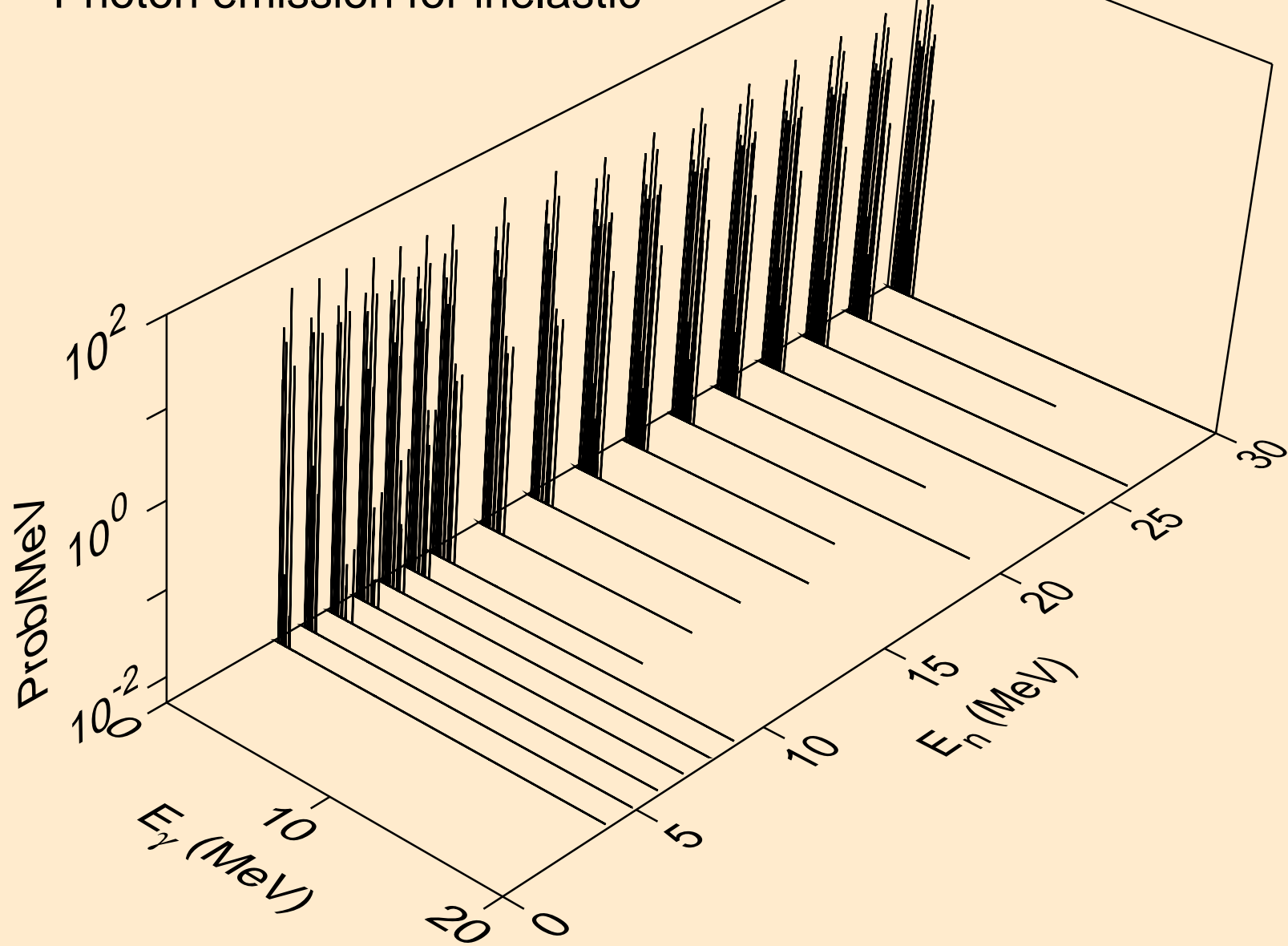




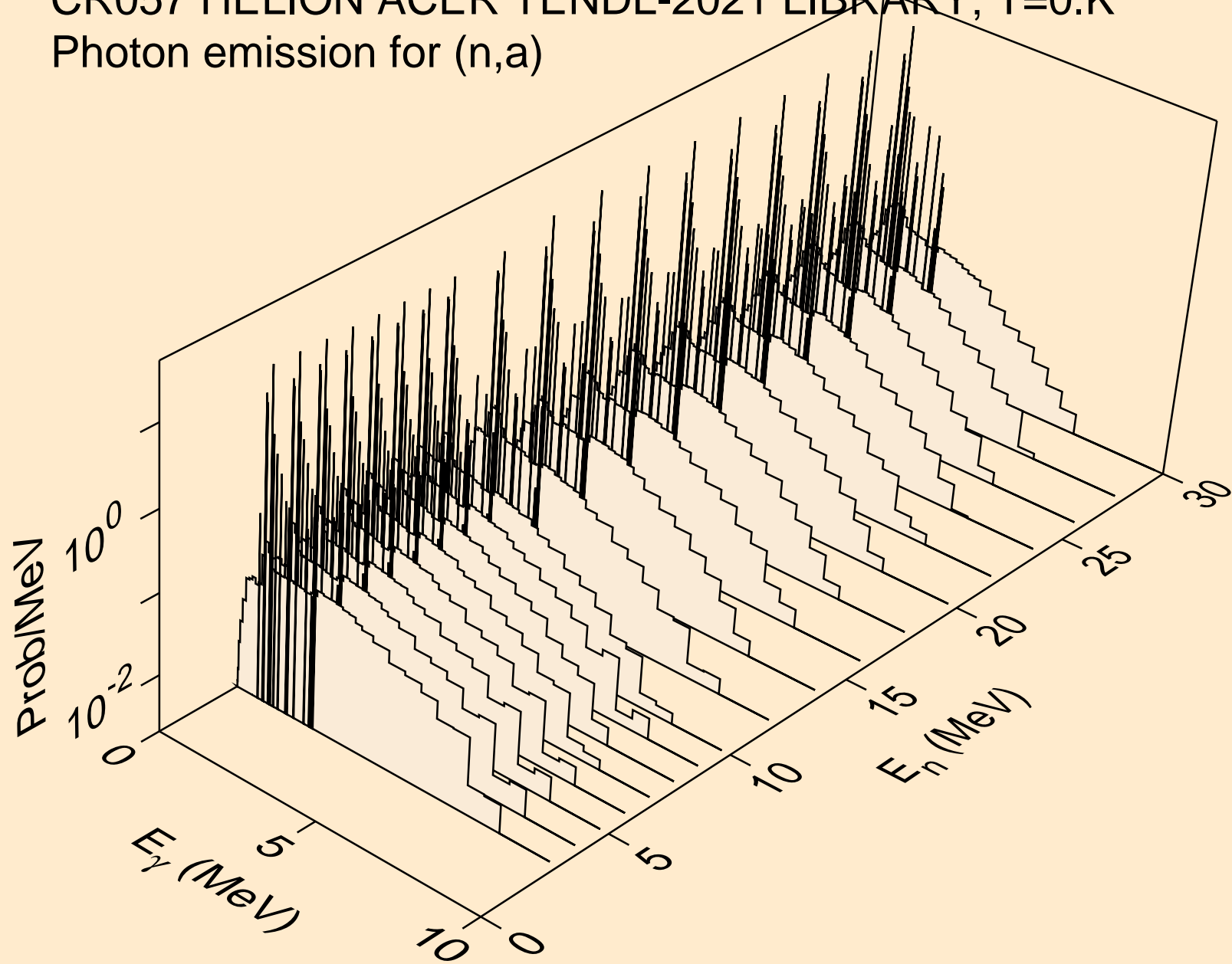
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Photon emission for (n,t)



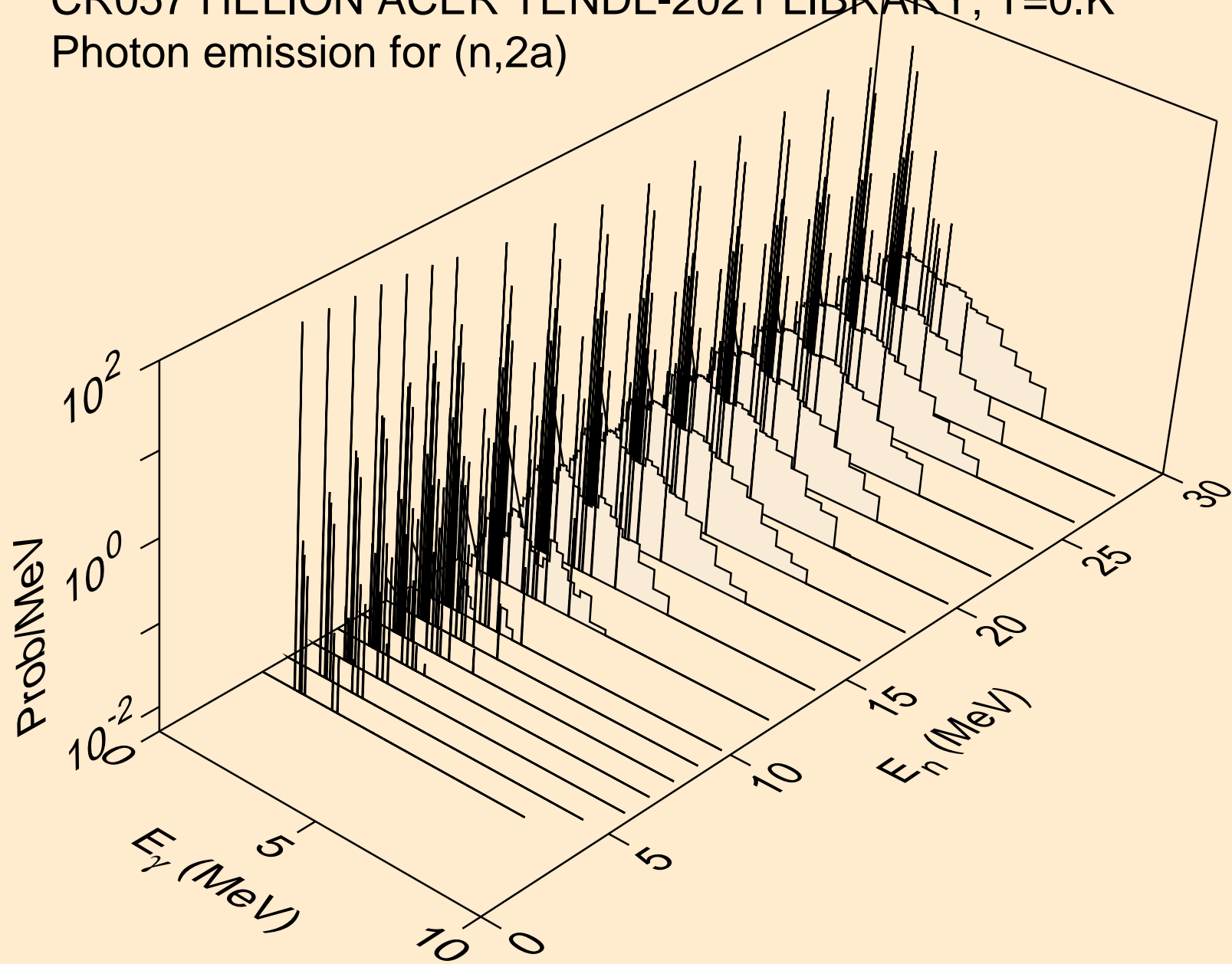
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



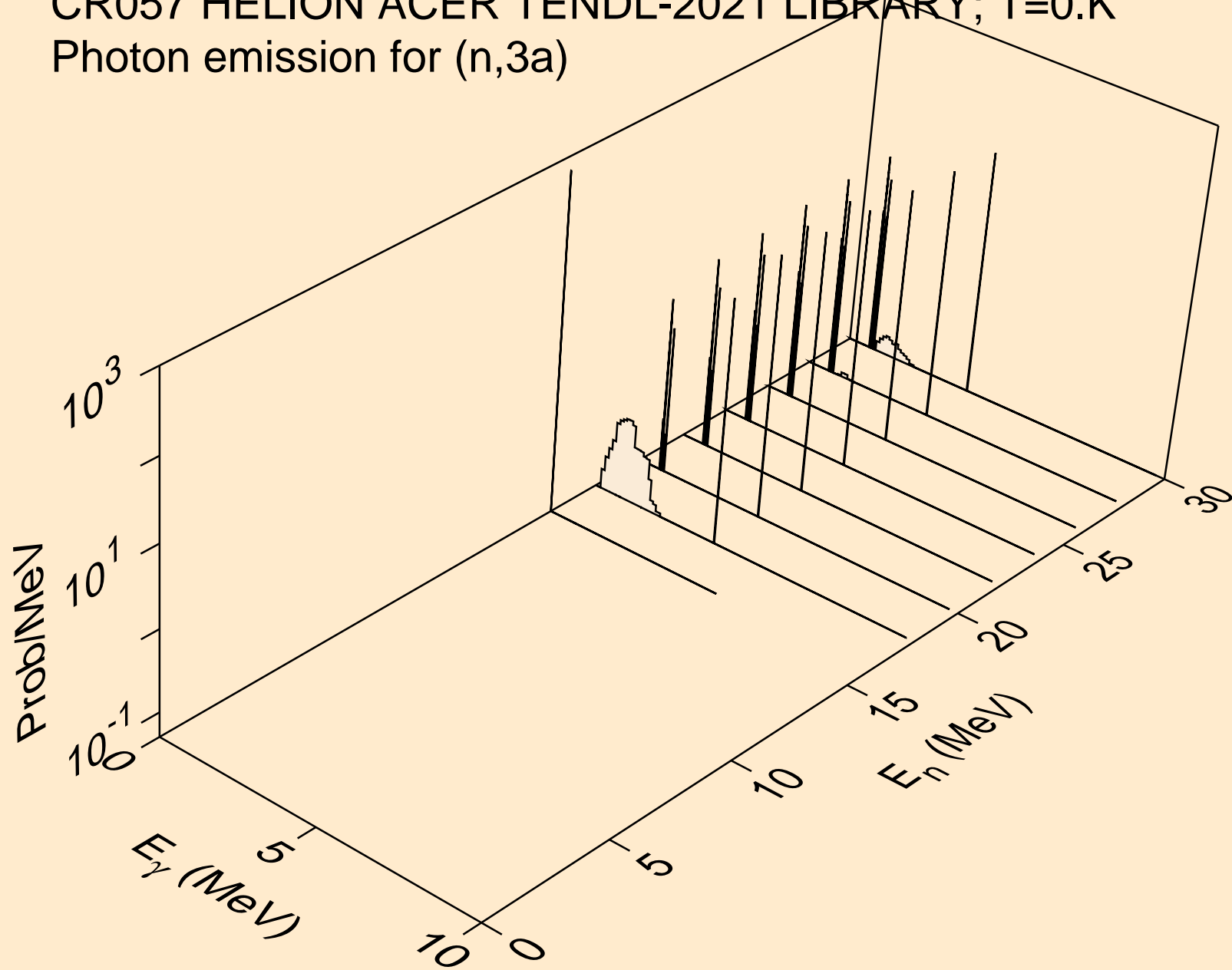
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Photon emission for (n,a)



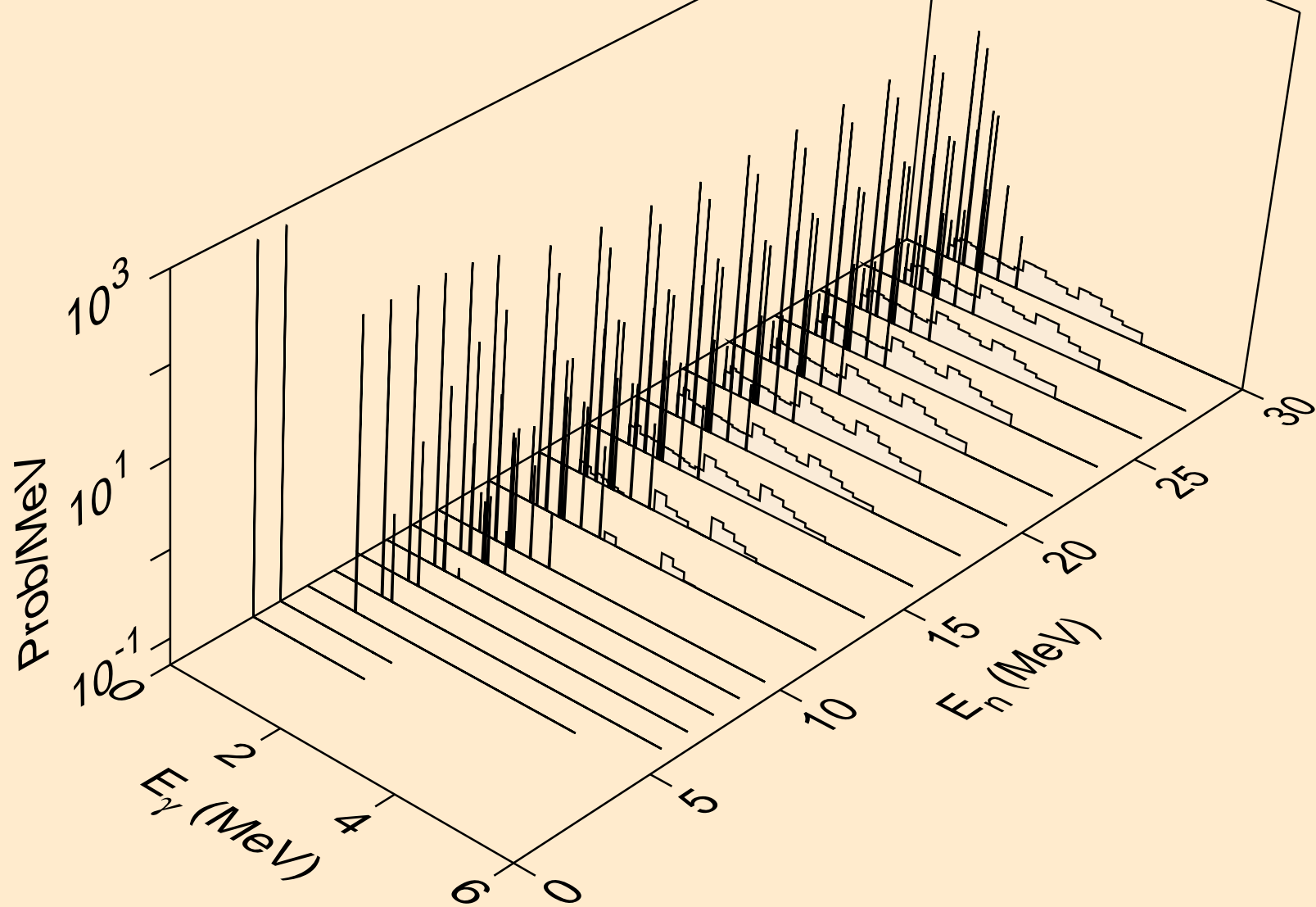
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Photon emission for (n,2a)



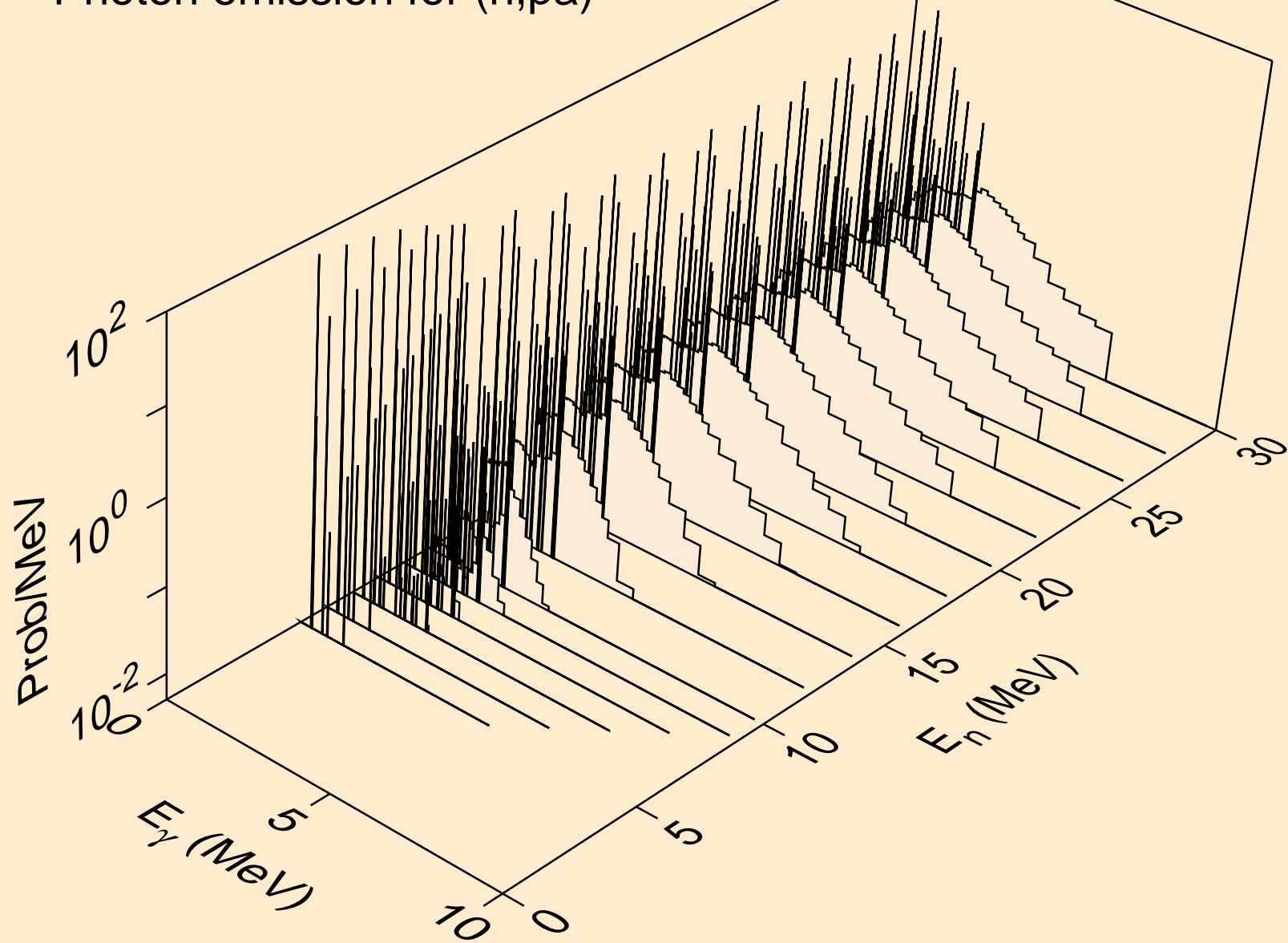
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Photon emission for (n,3a)



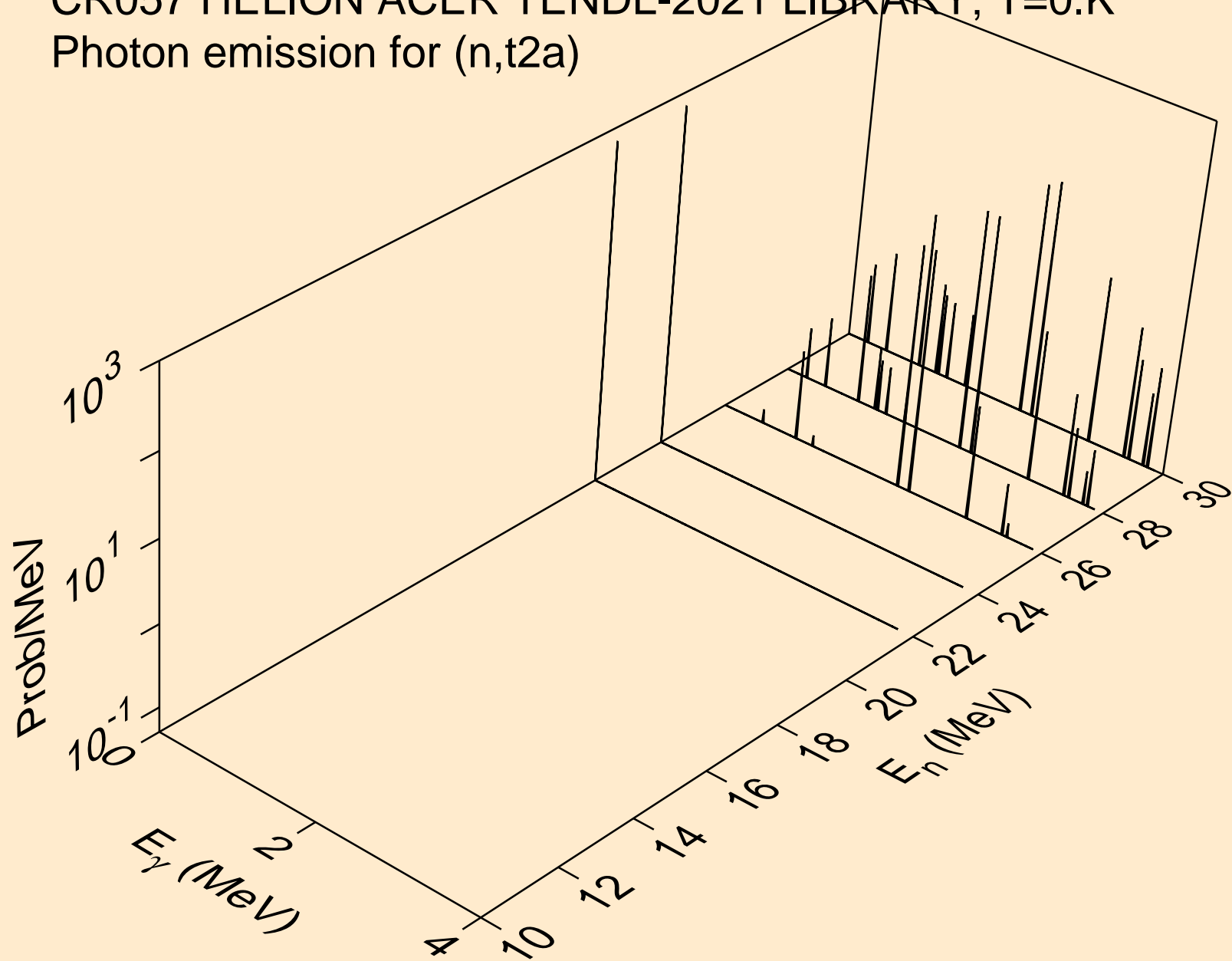
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

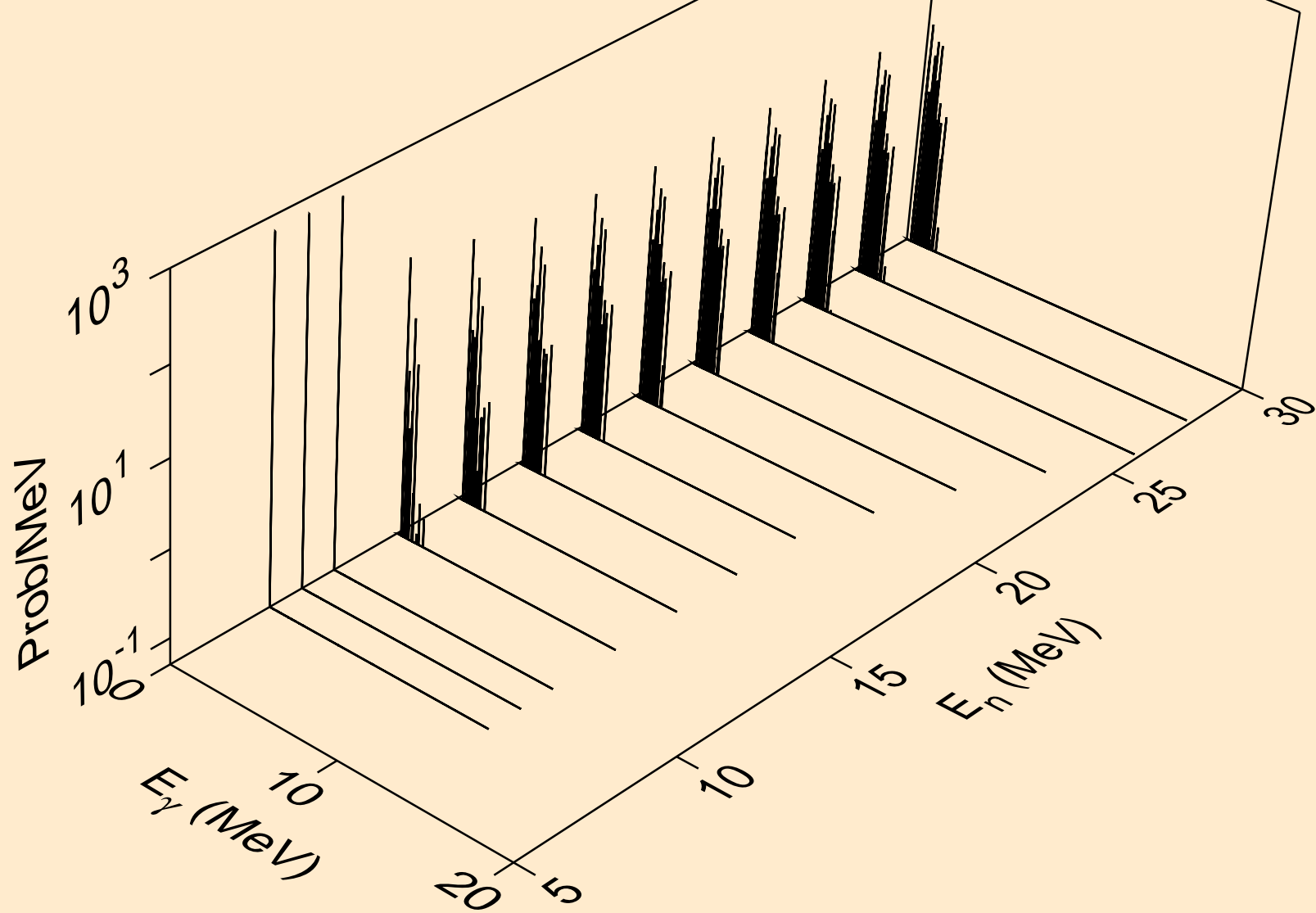


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Photon emission for (n,t2a)

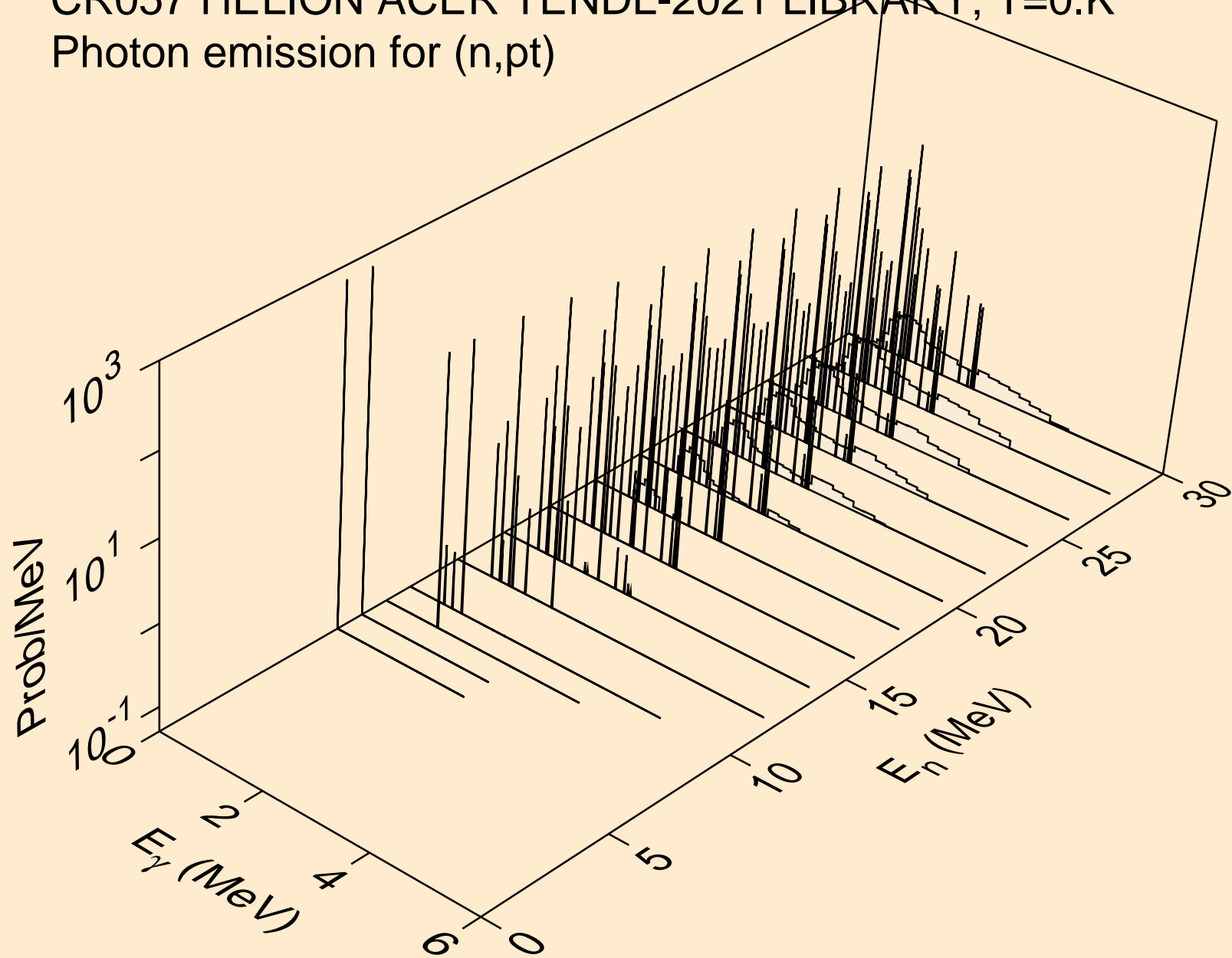




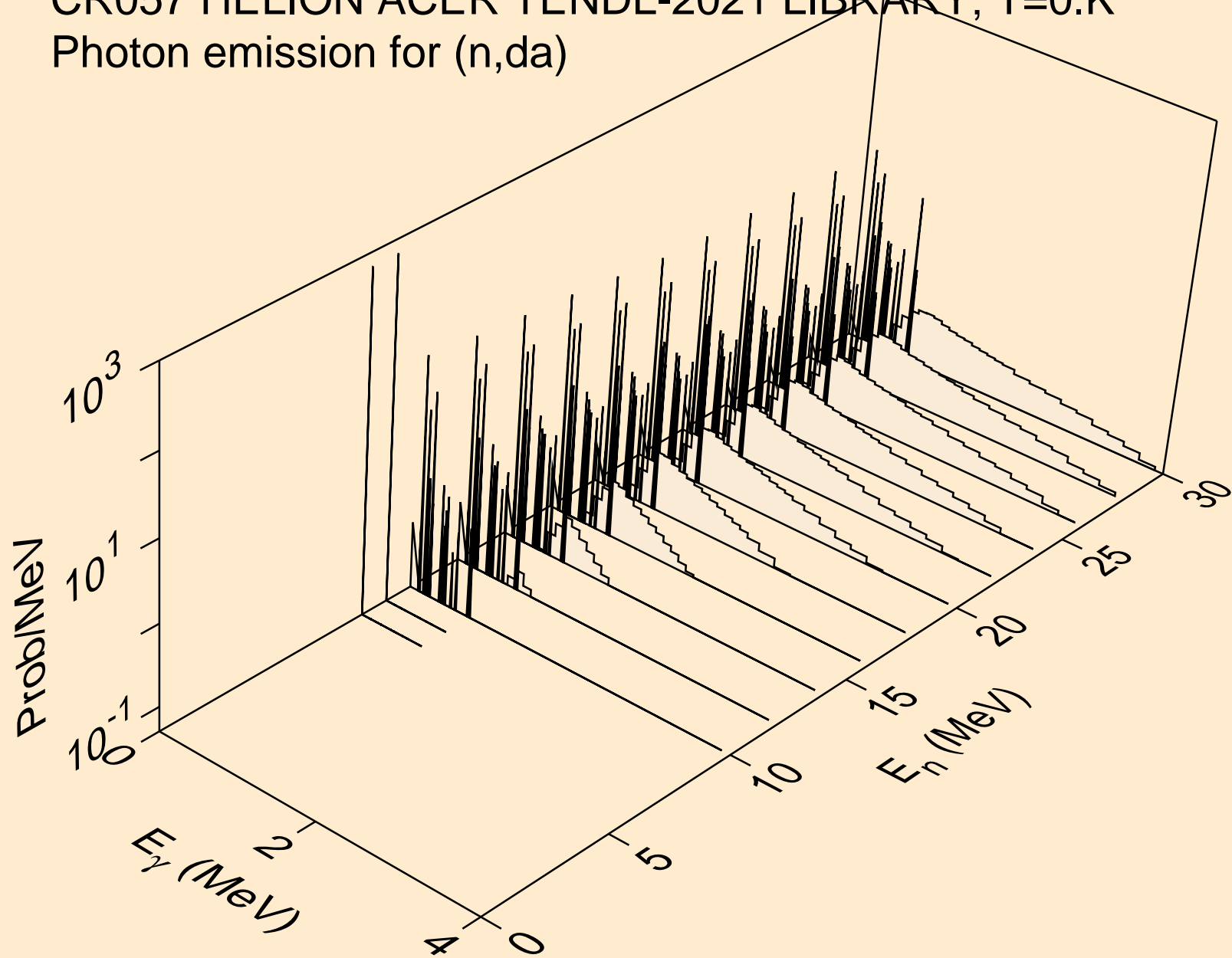
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

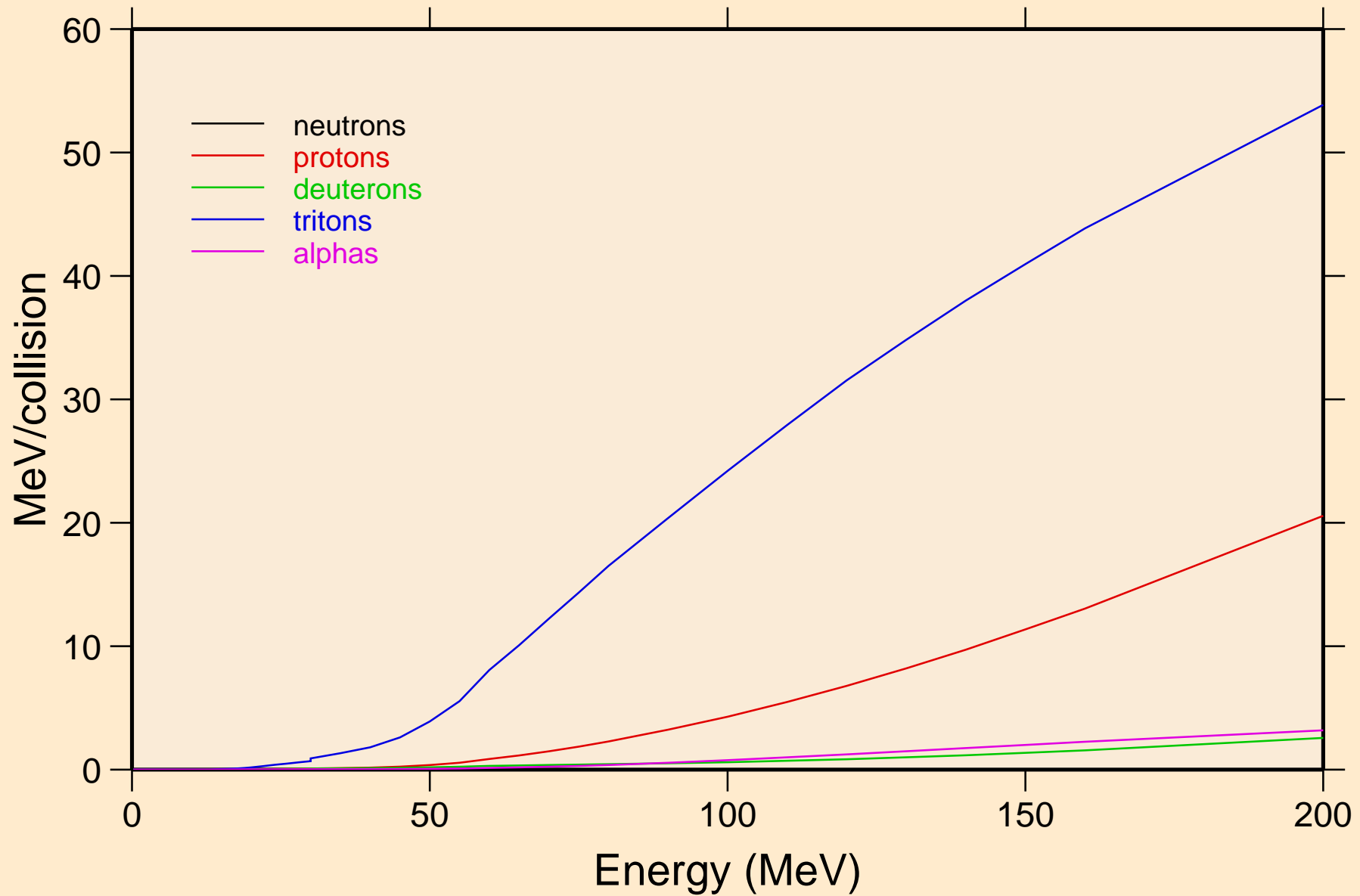


CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



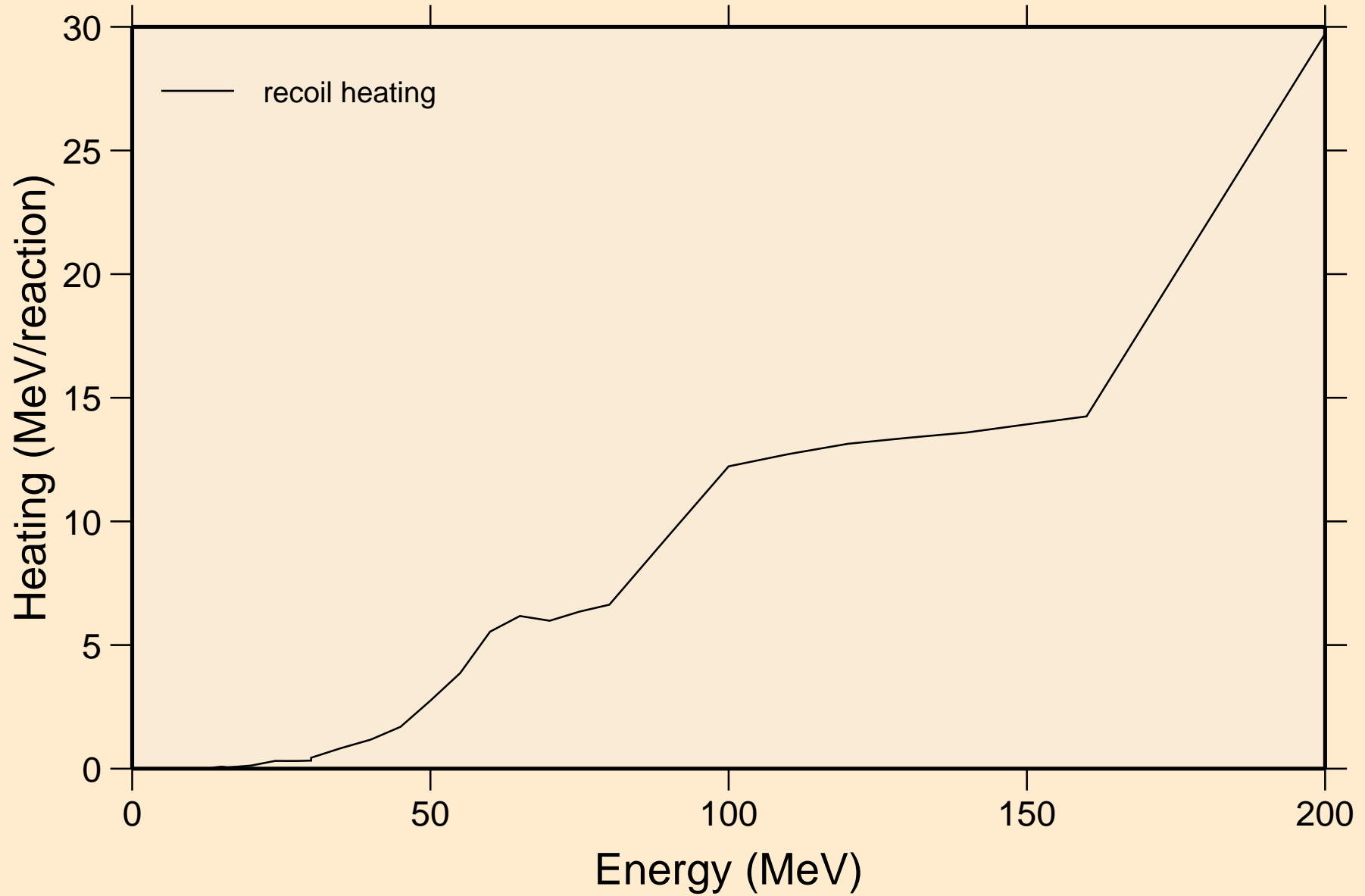
# CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions

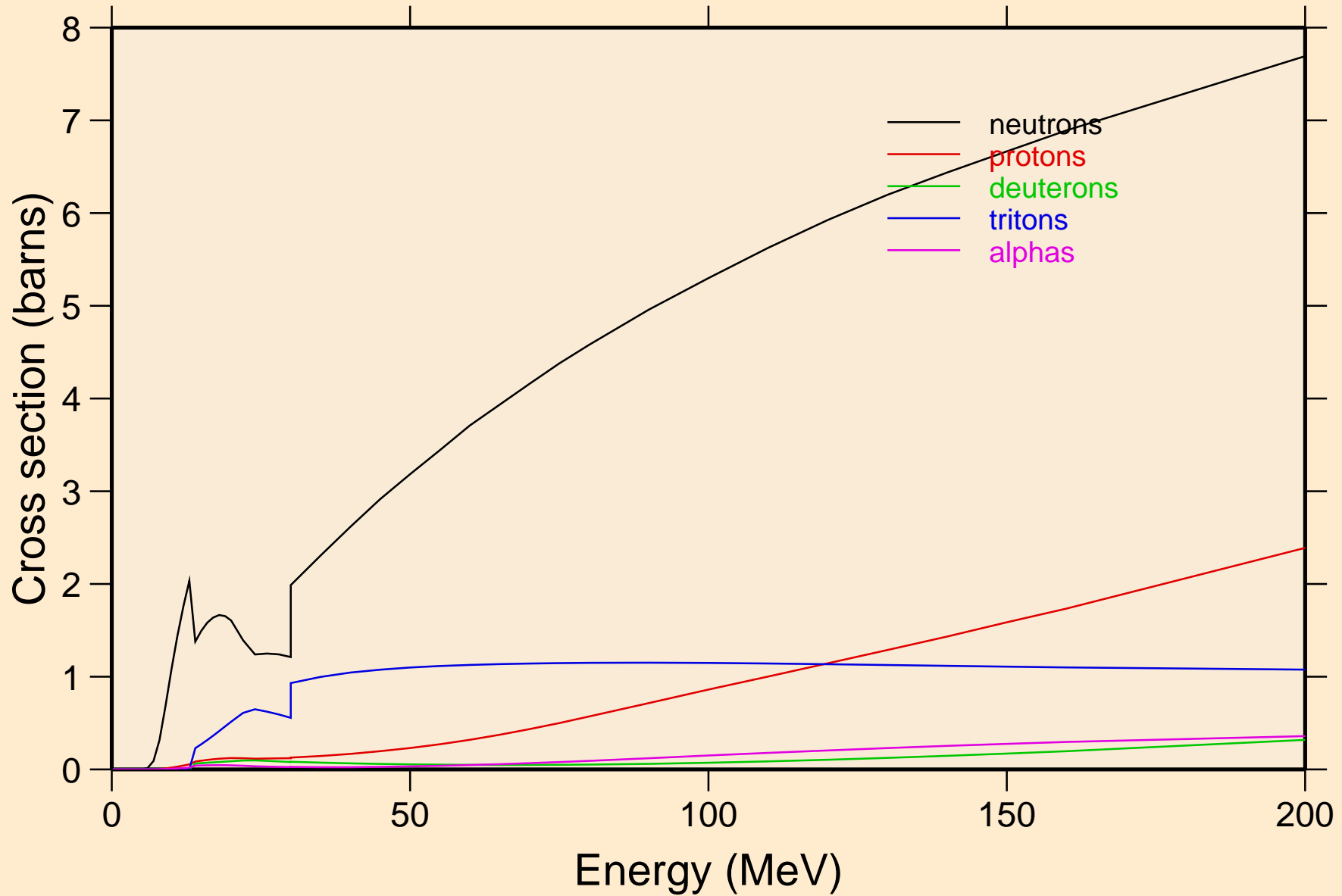


CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K

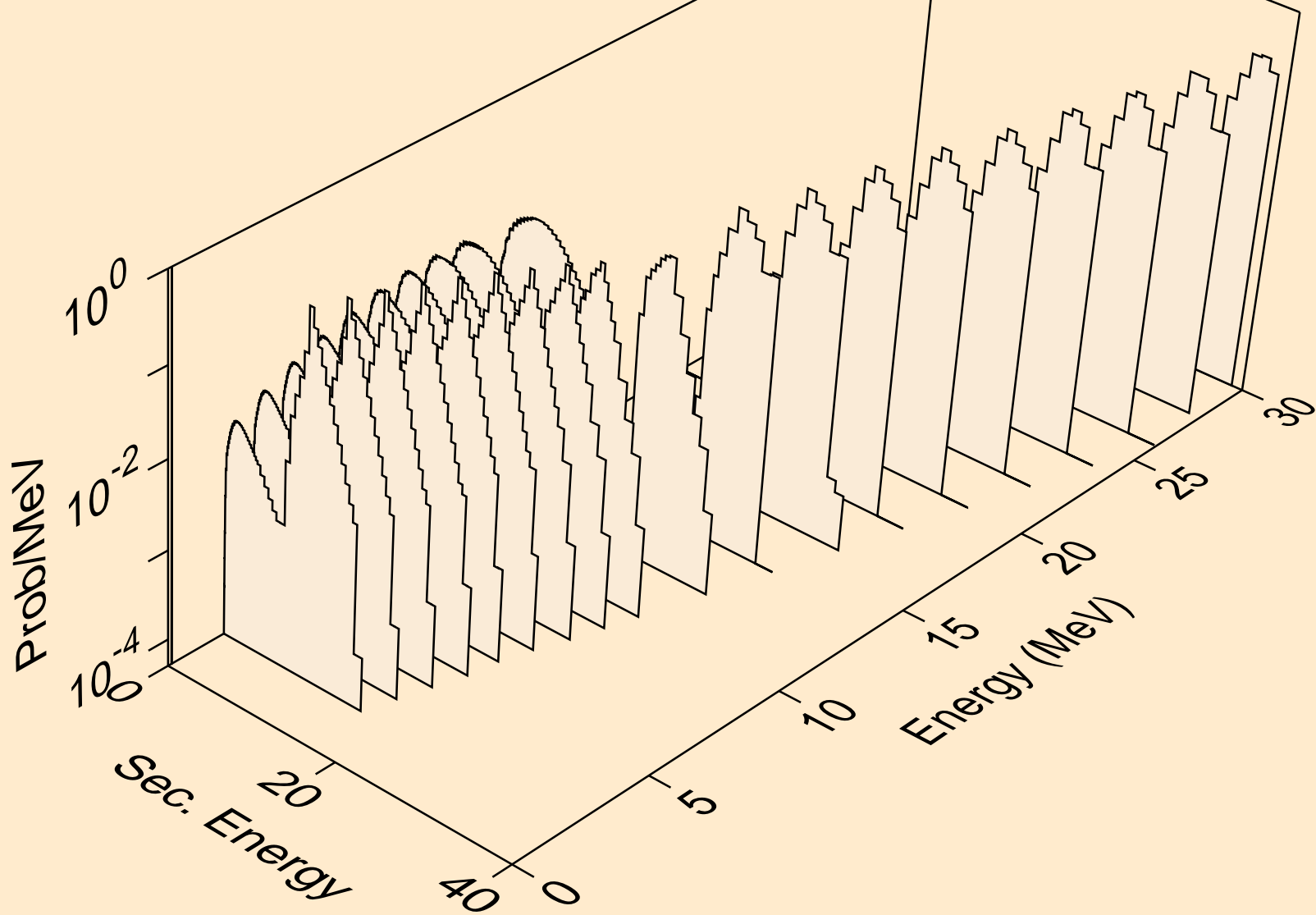
Recoil Heating



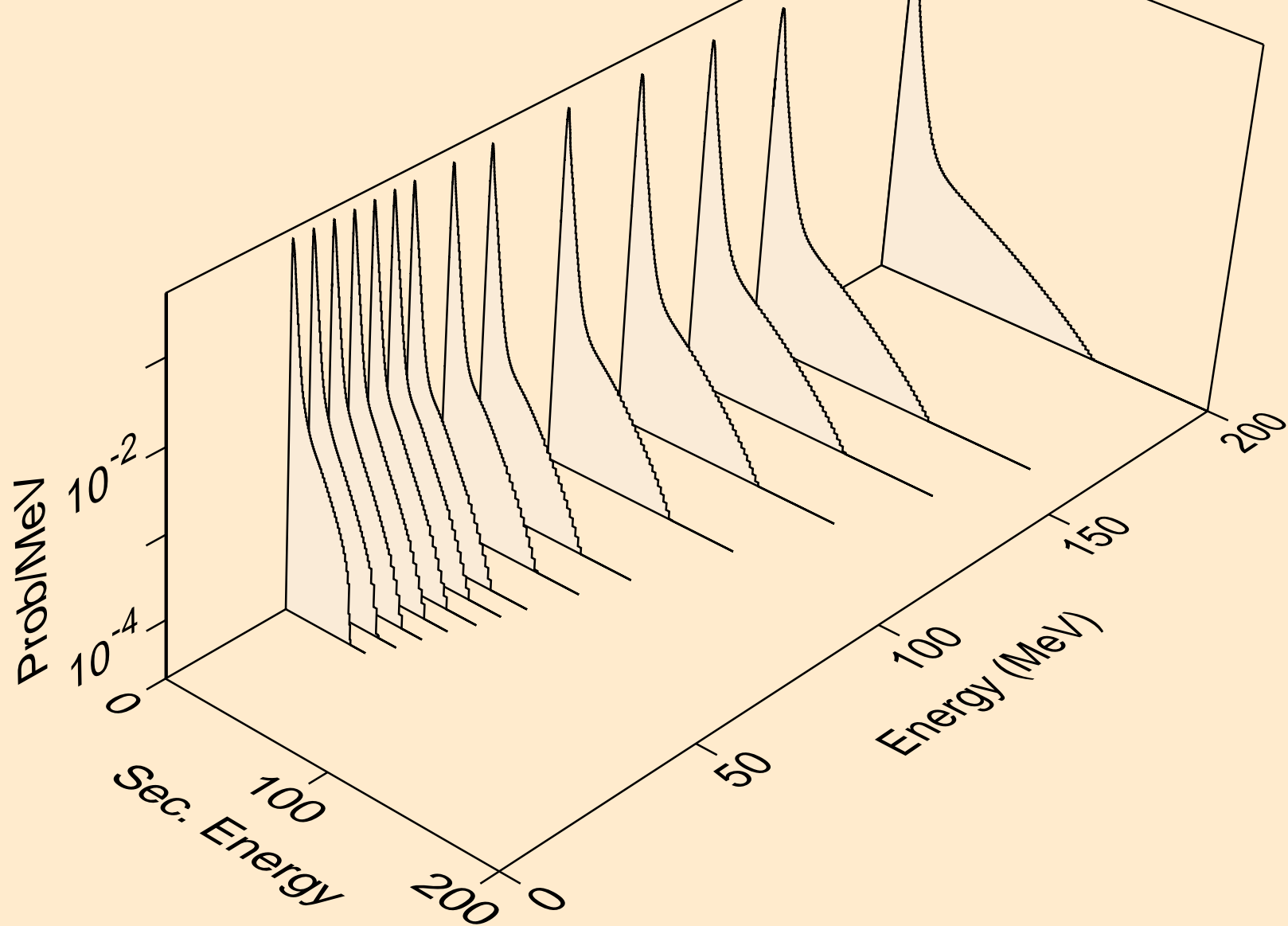
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

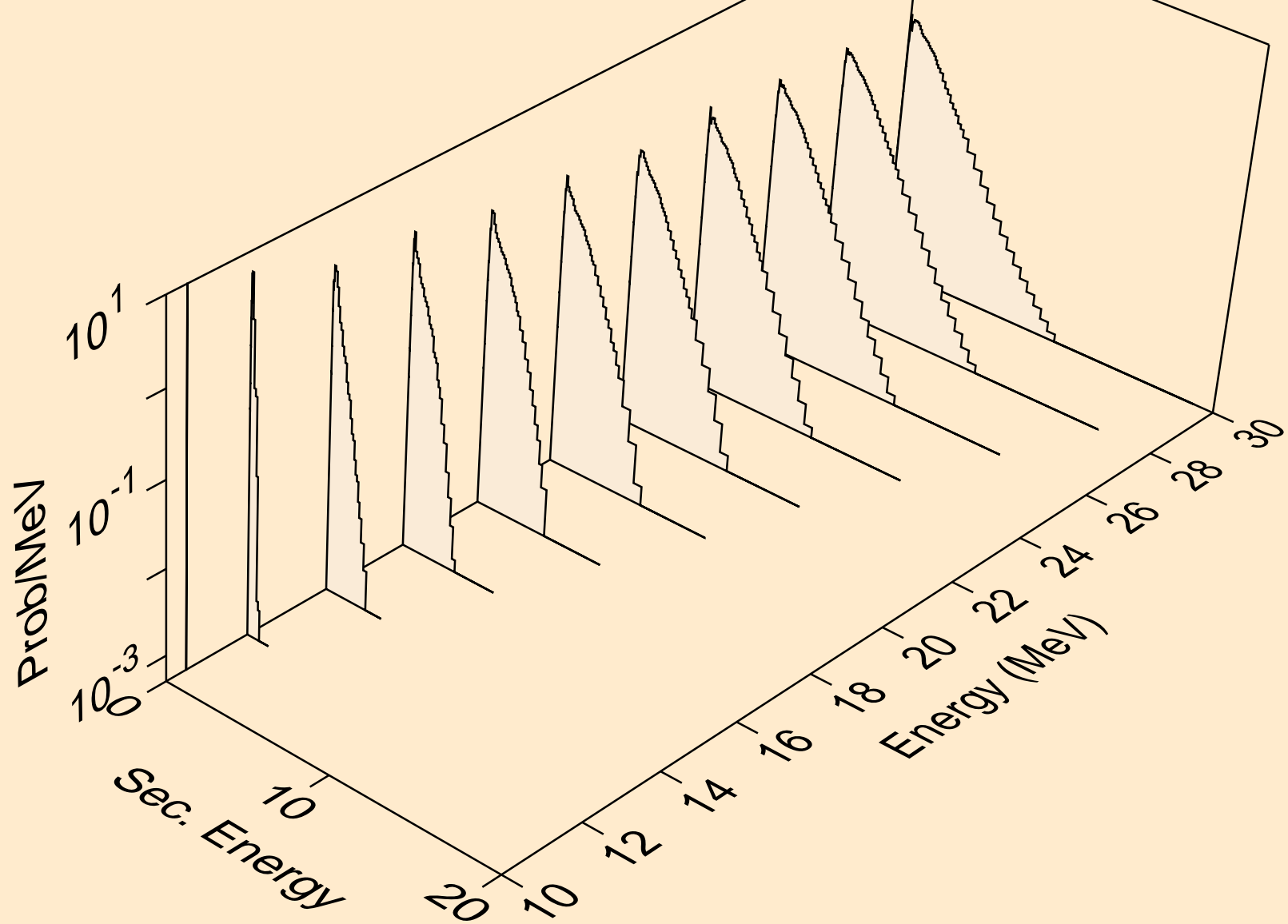


CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)

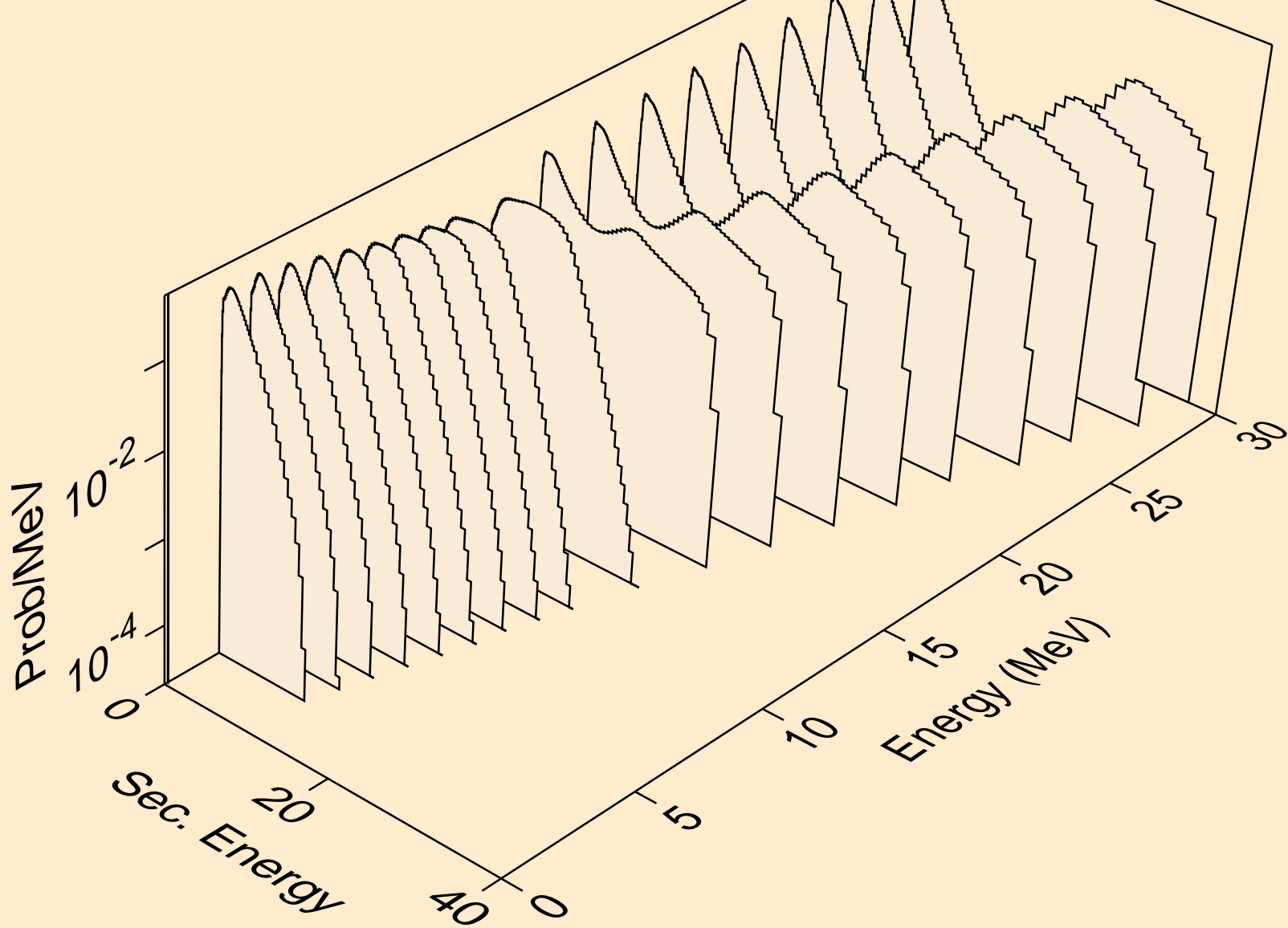




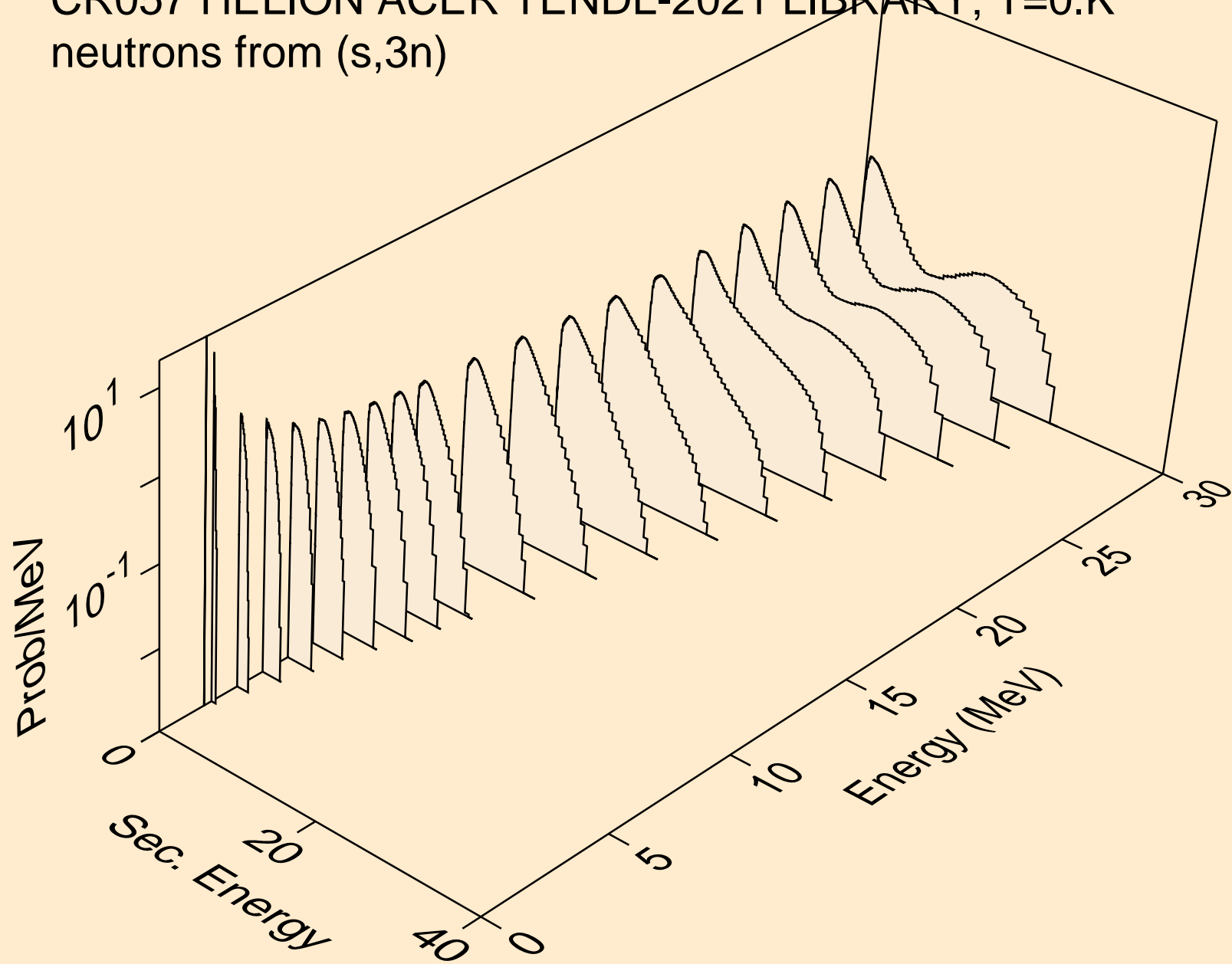
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



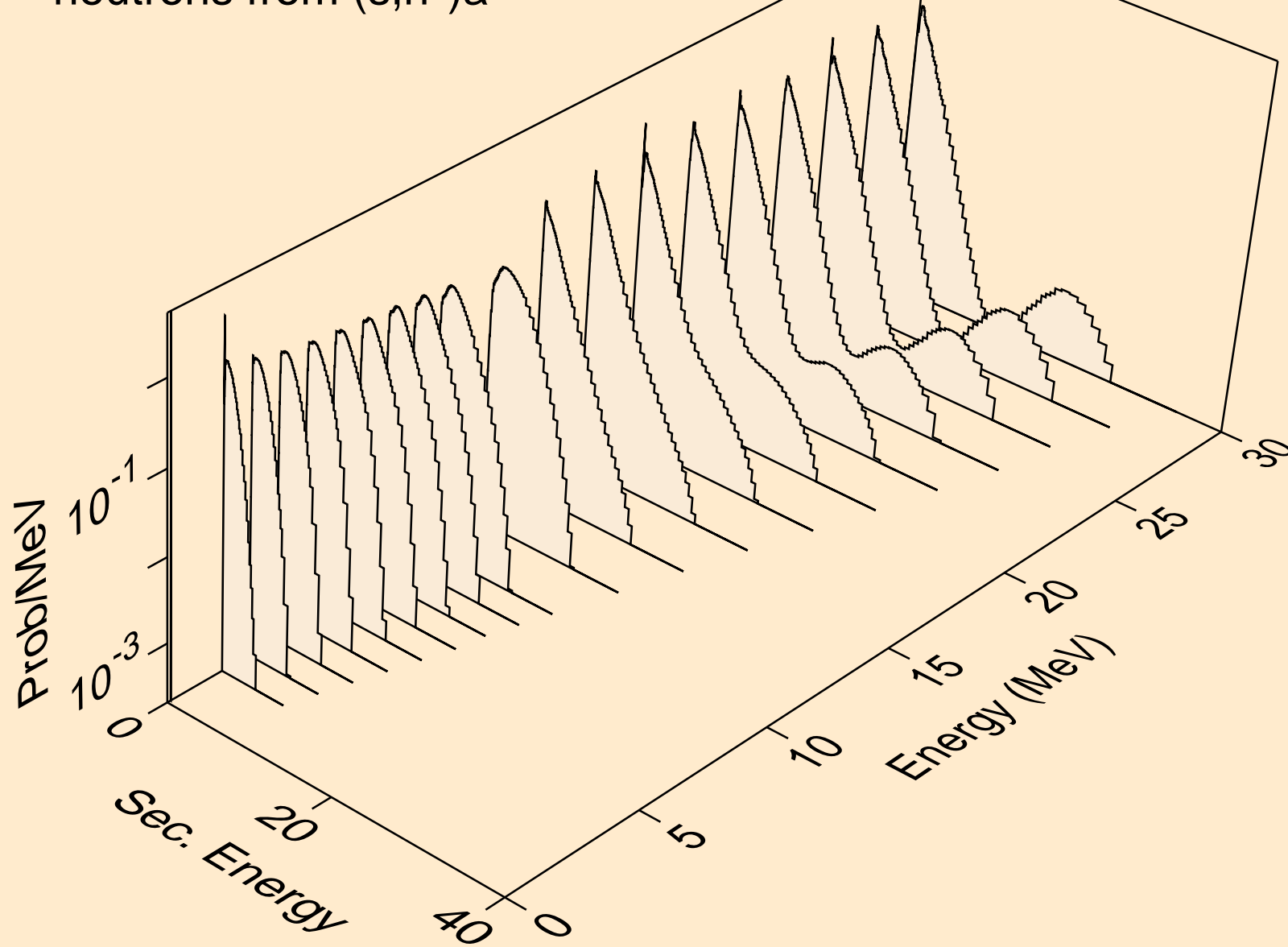
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neutrons from (s,2n)



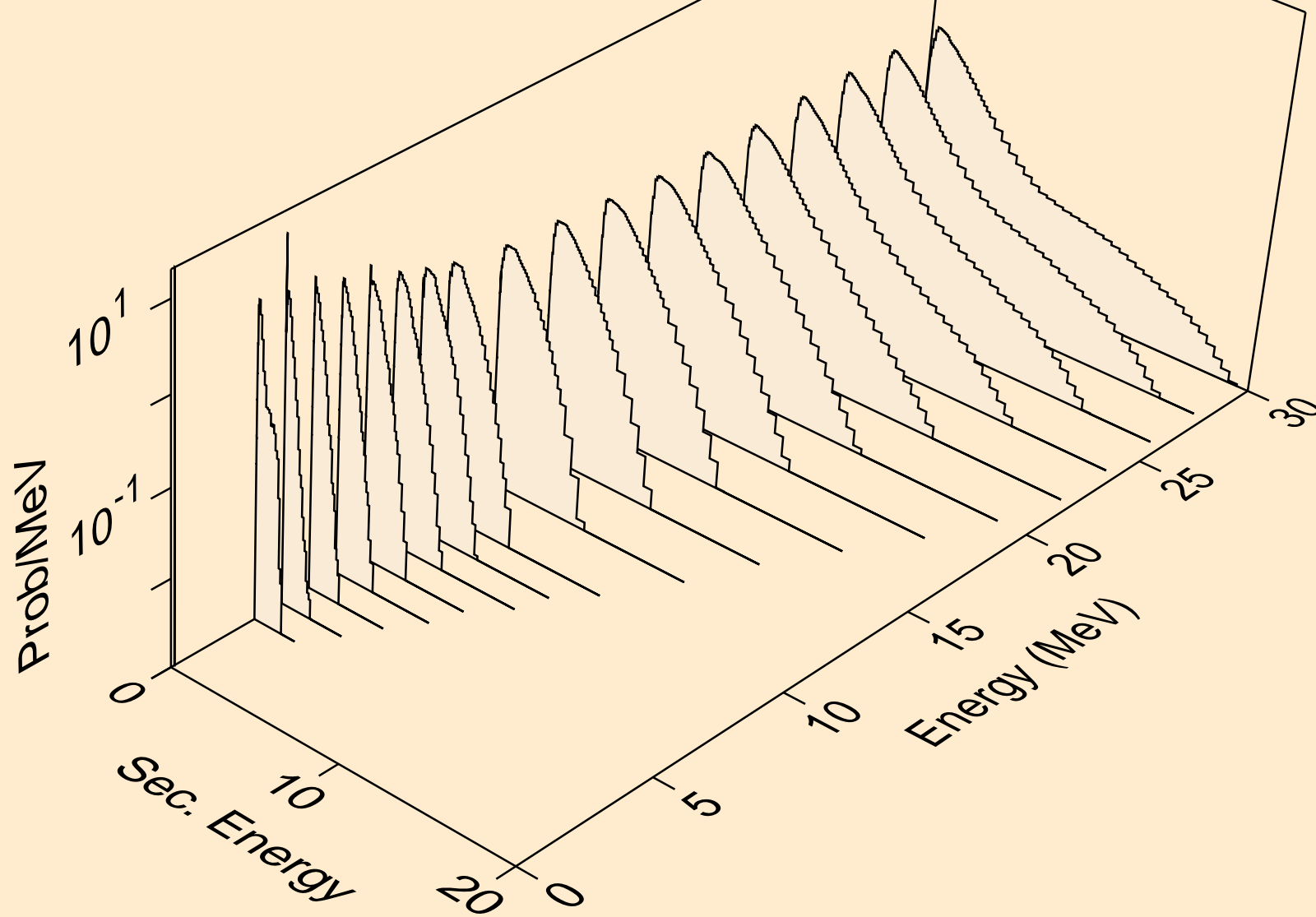
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



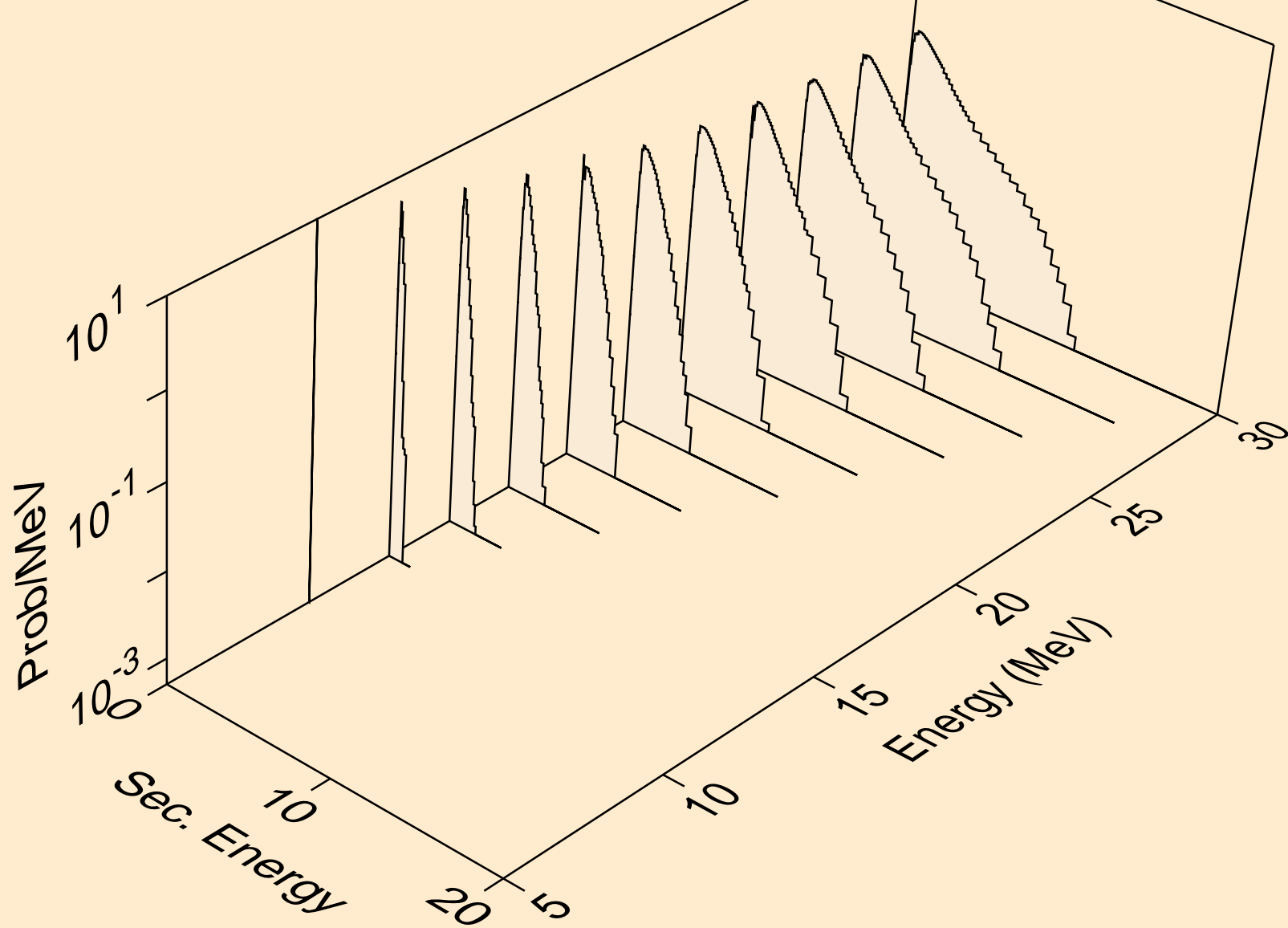
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



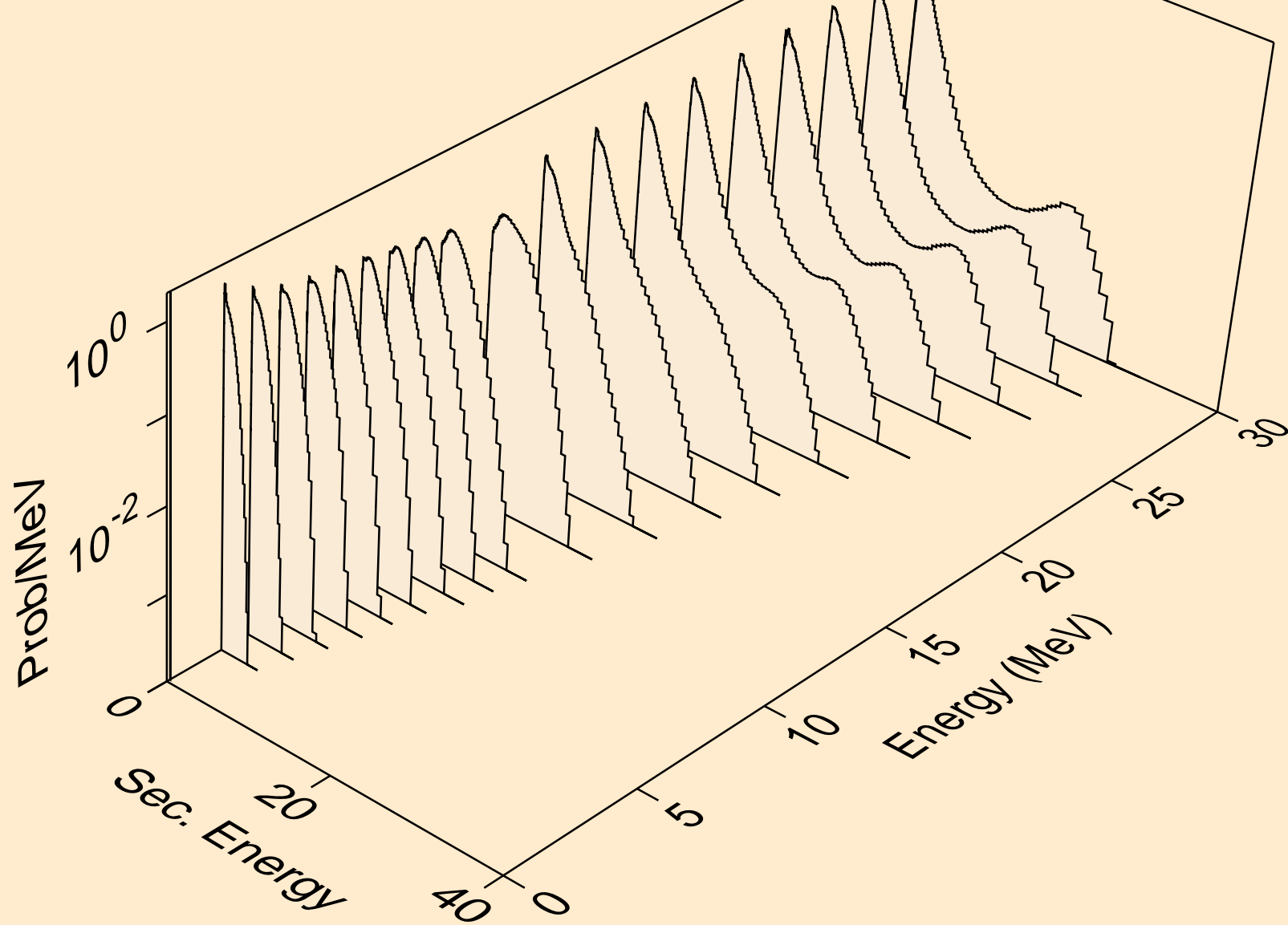
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neutrons from (s,2n)a



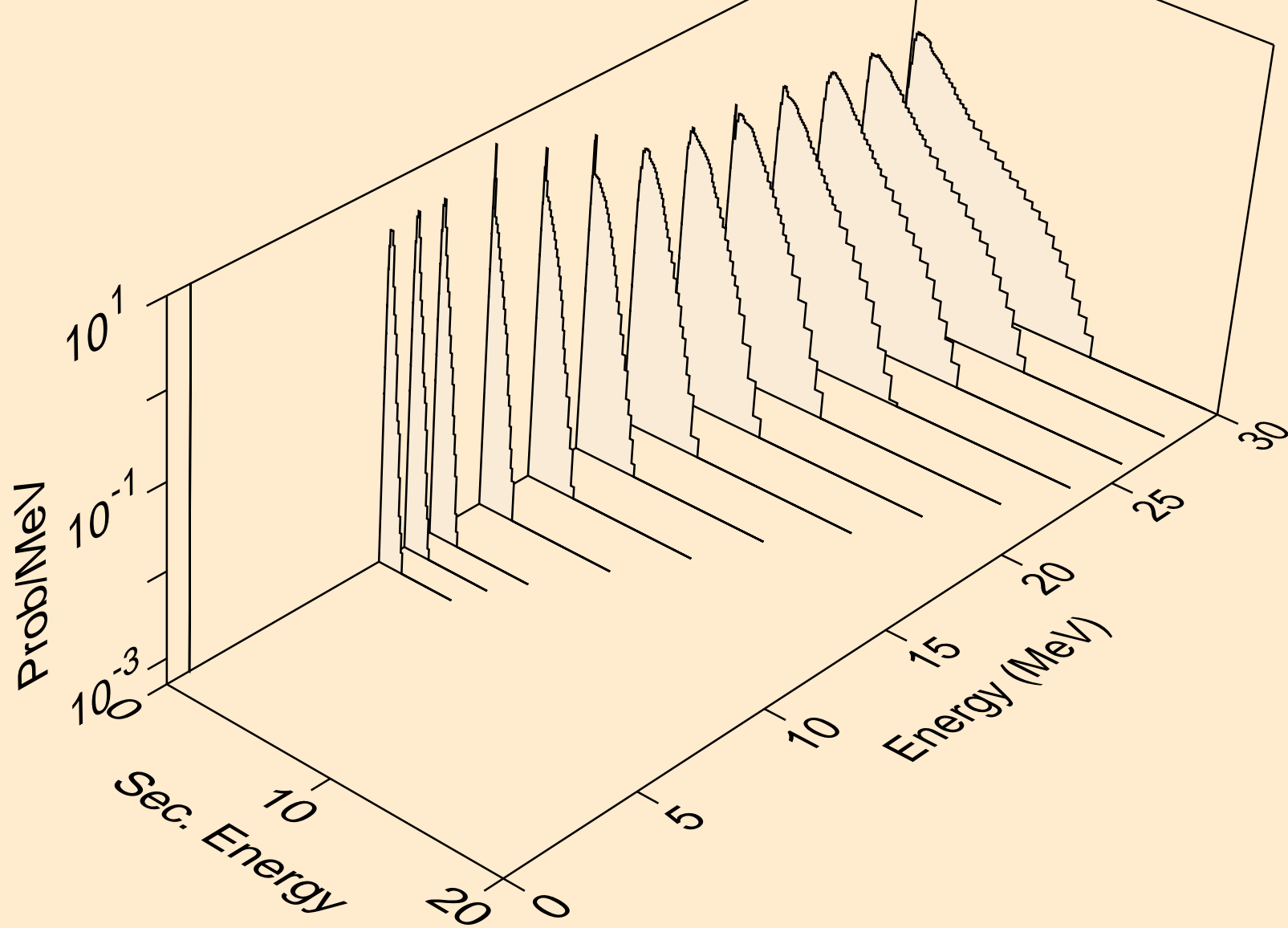
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neutrons from (s,3n)a



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

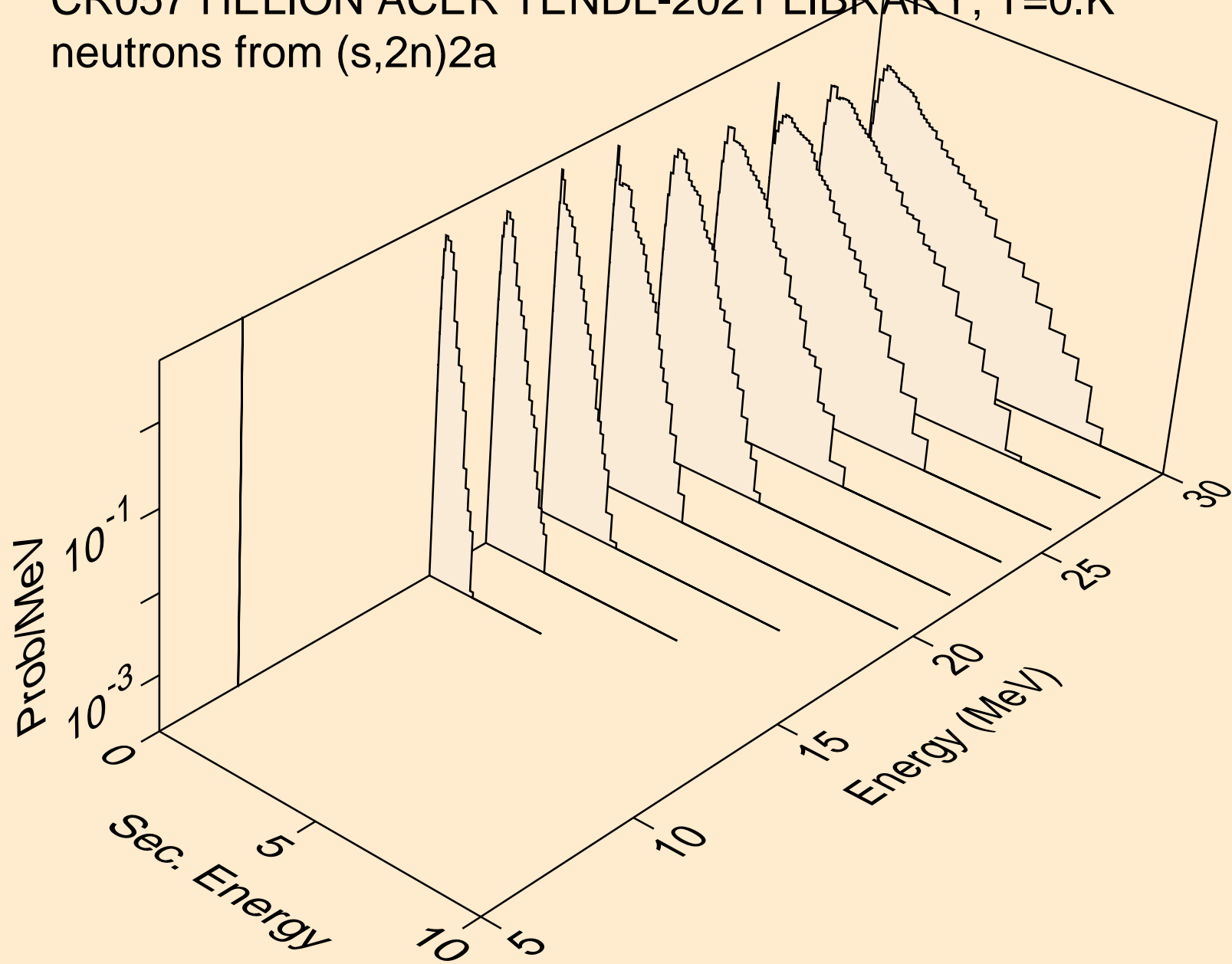


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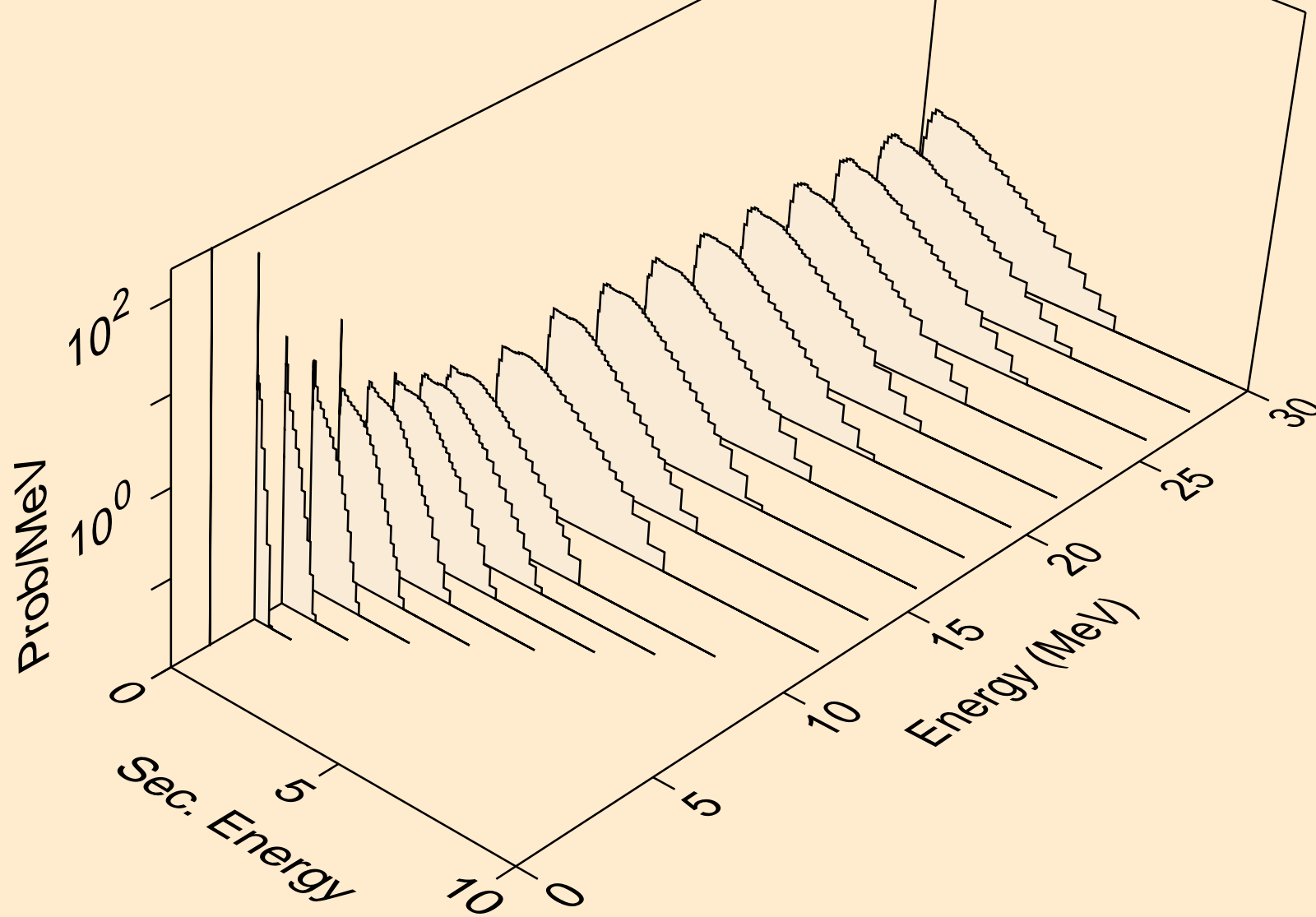




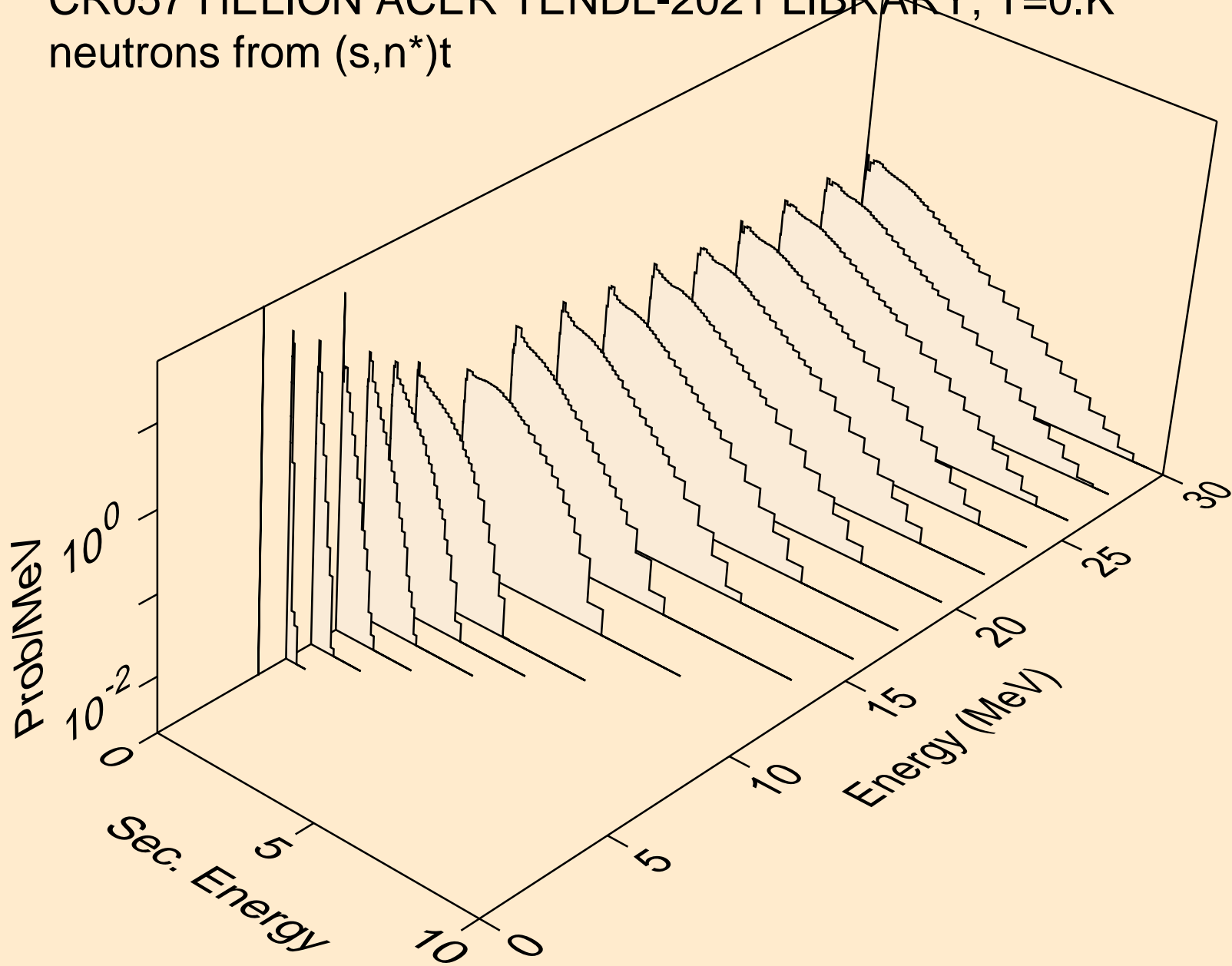
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neutrons from (s,2n)2a



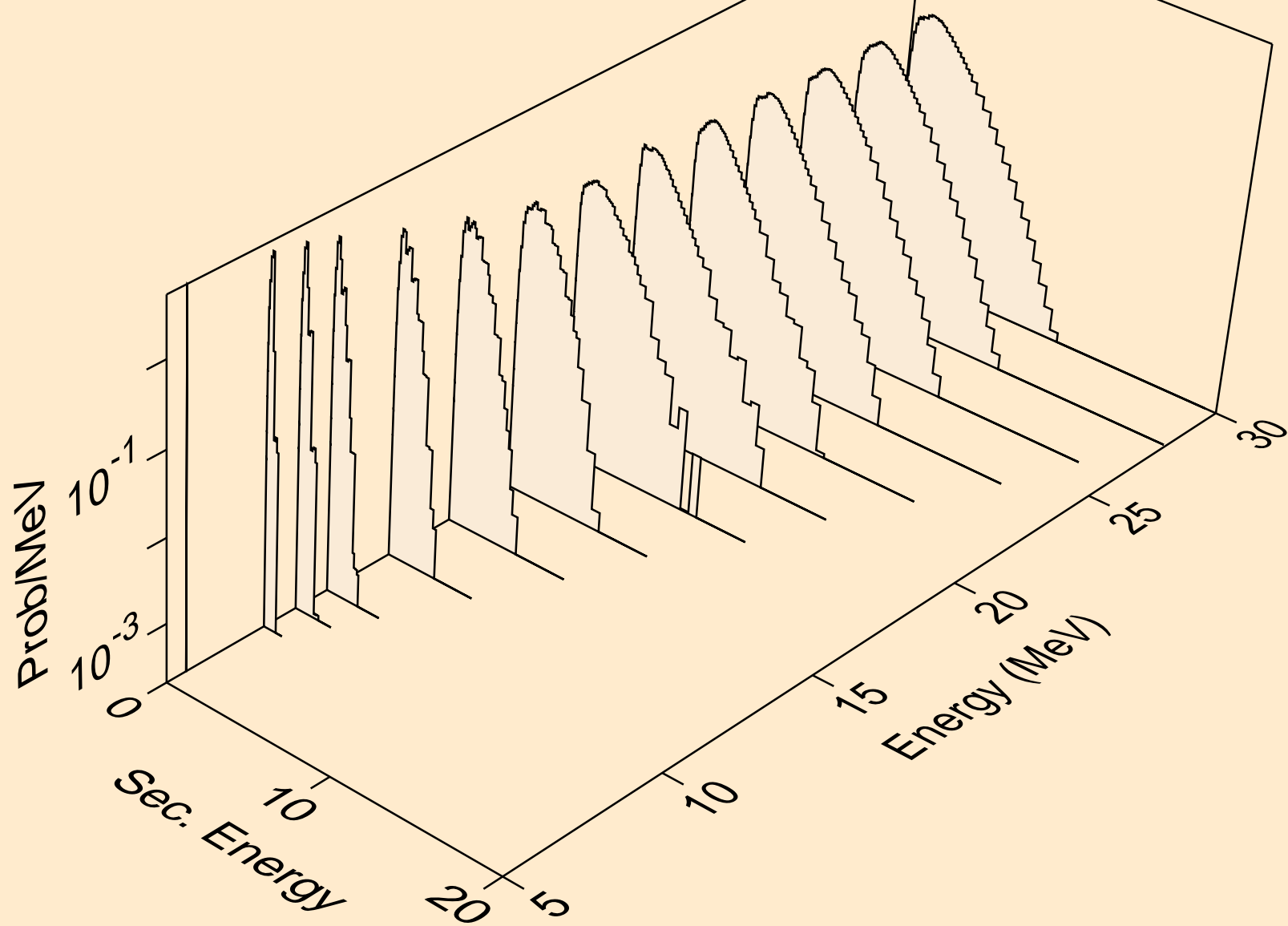
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



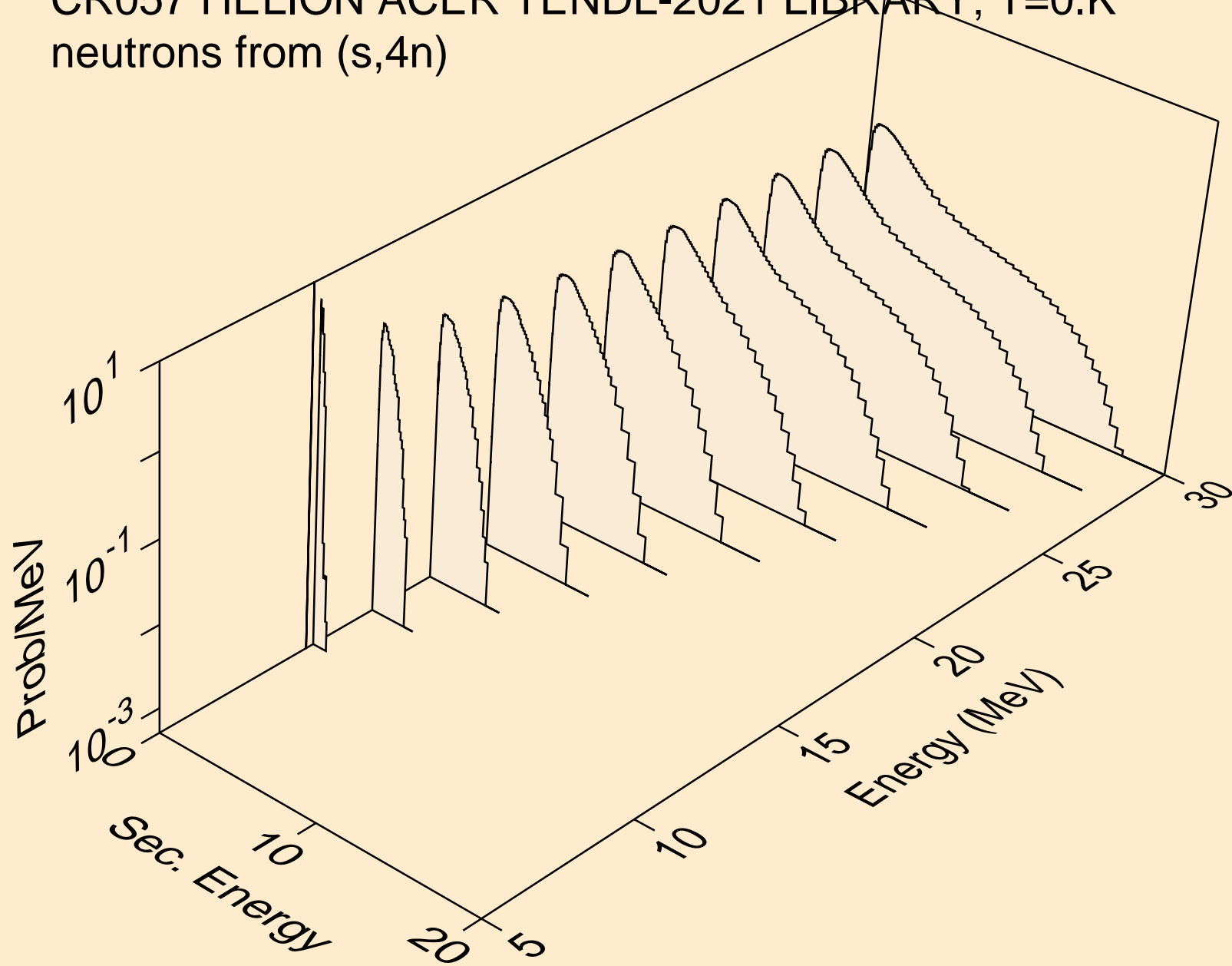
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



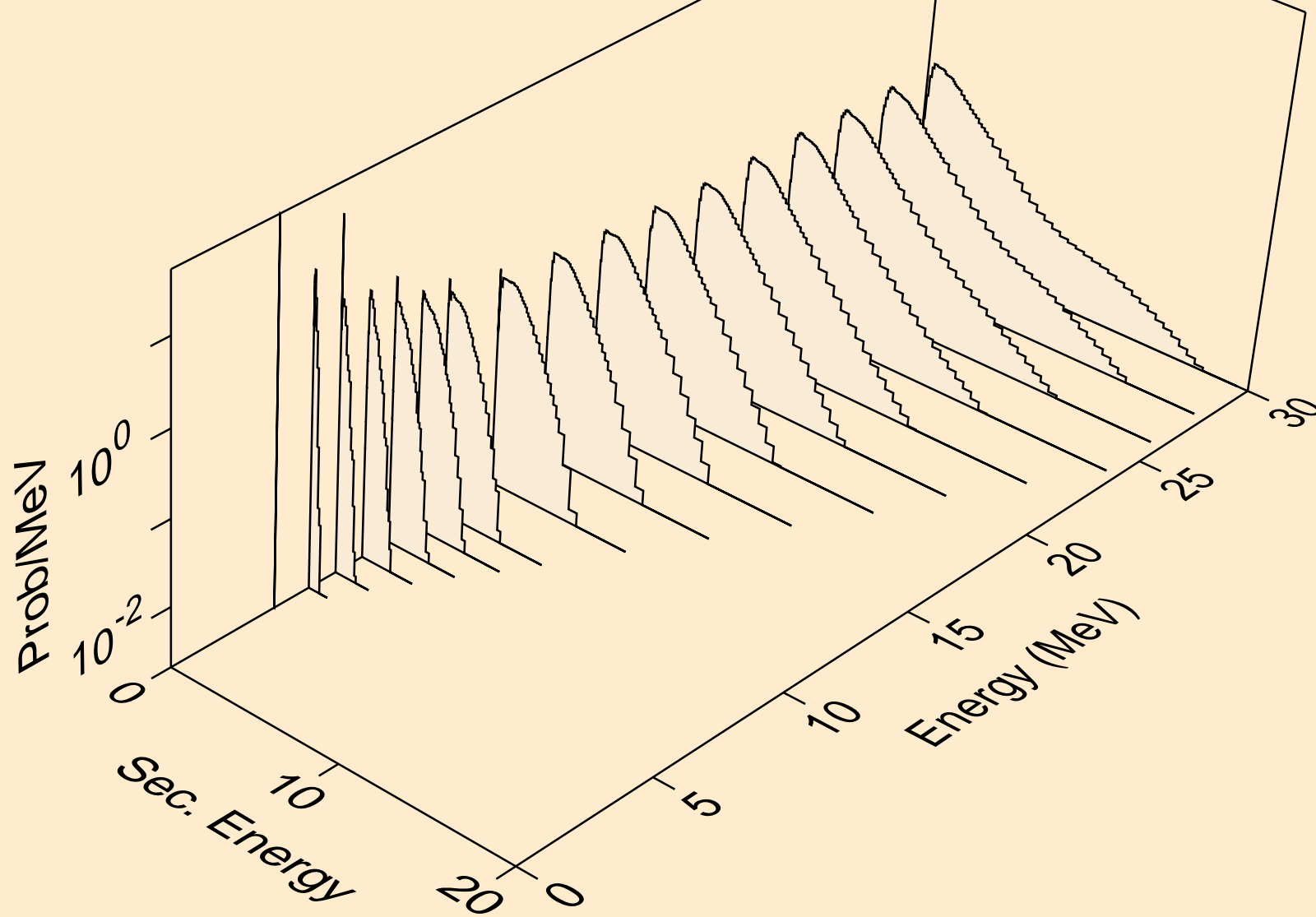
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neutrons from (s,n\*)he3



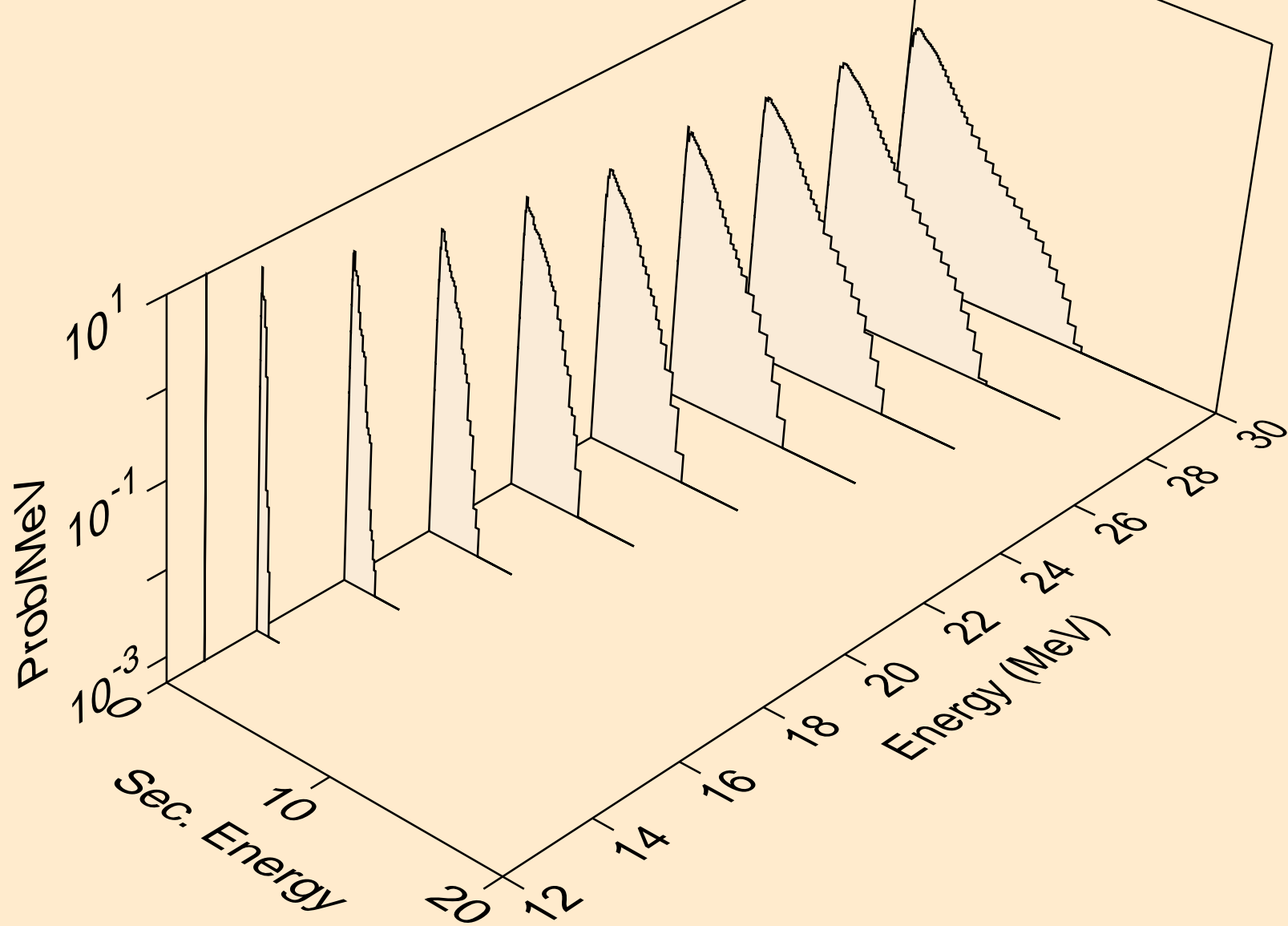
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neutrons from (s,4n)



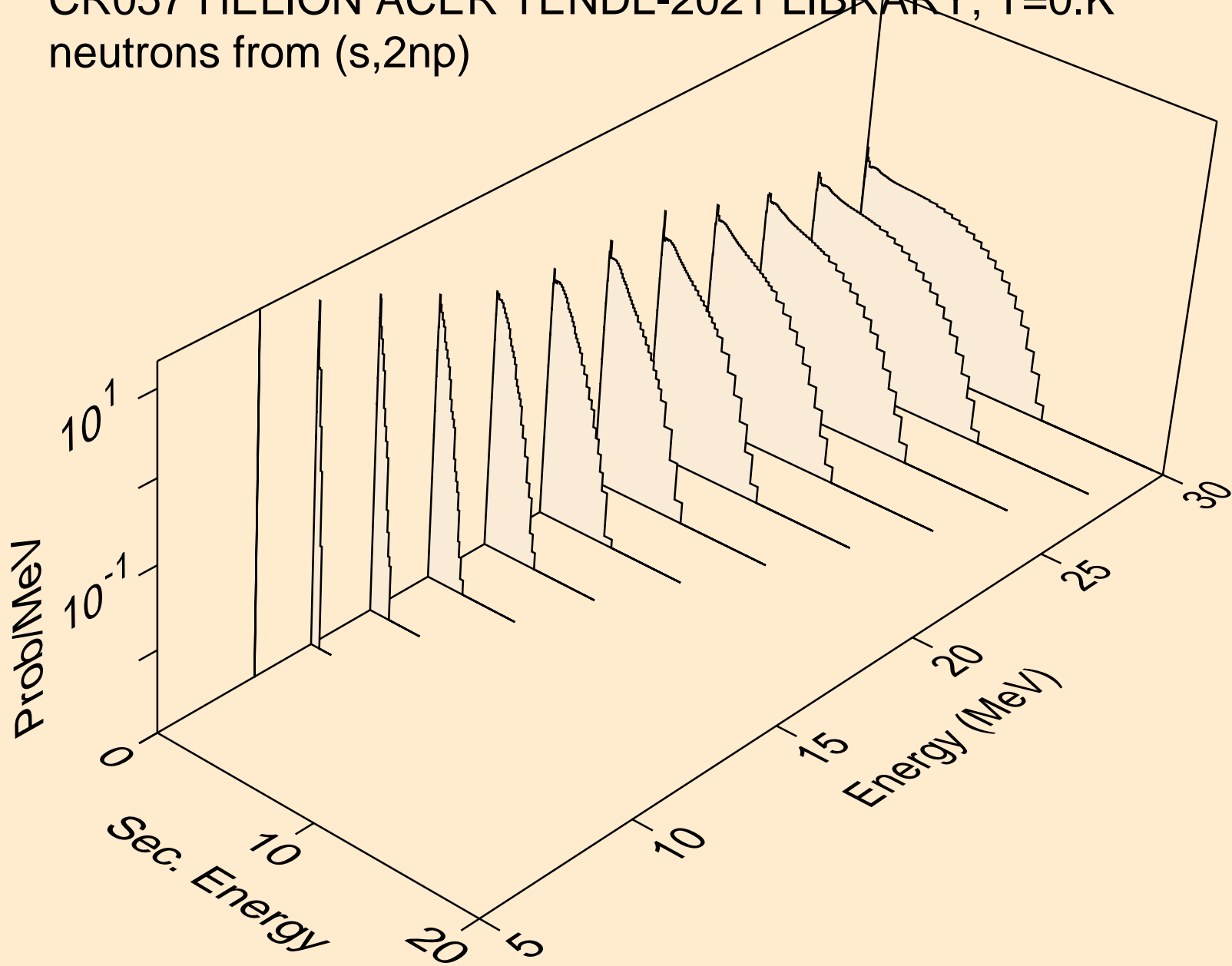
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)

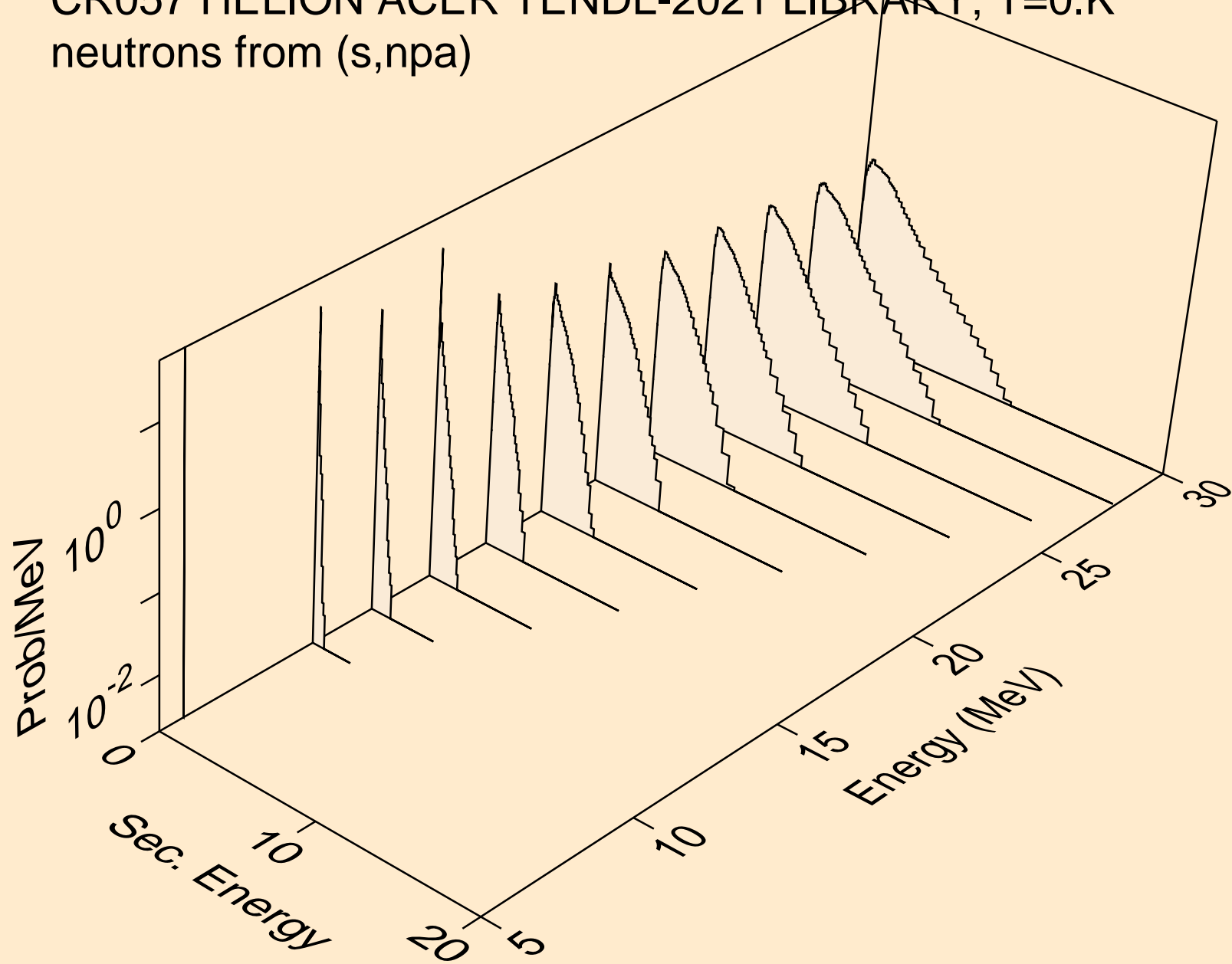


CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

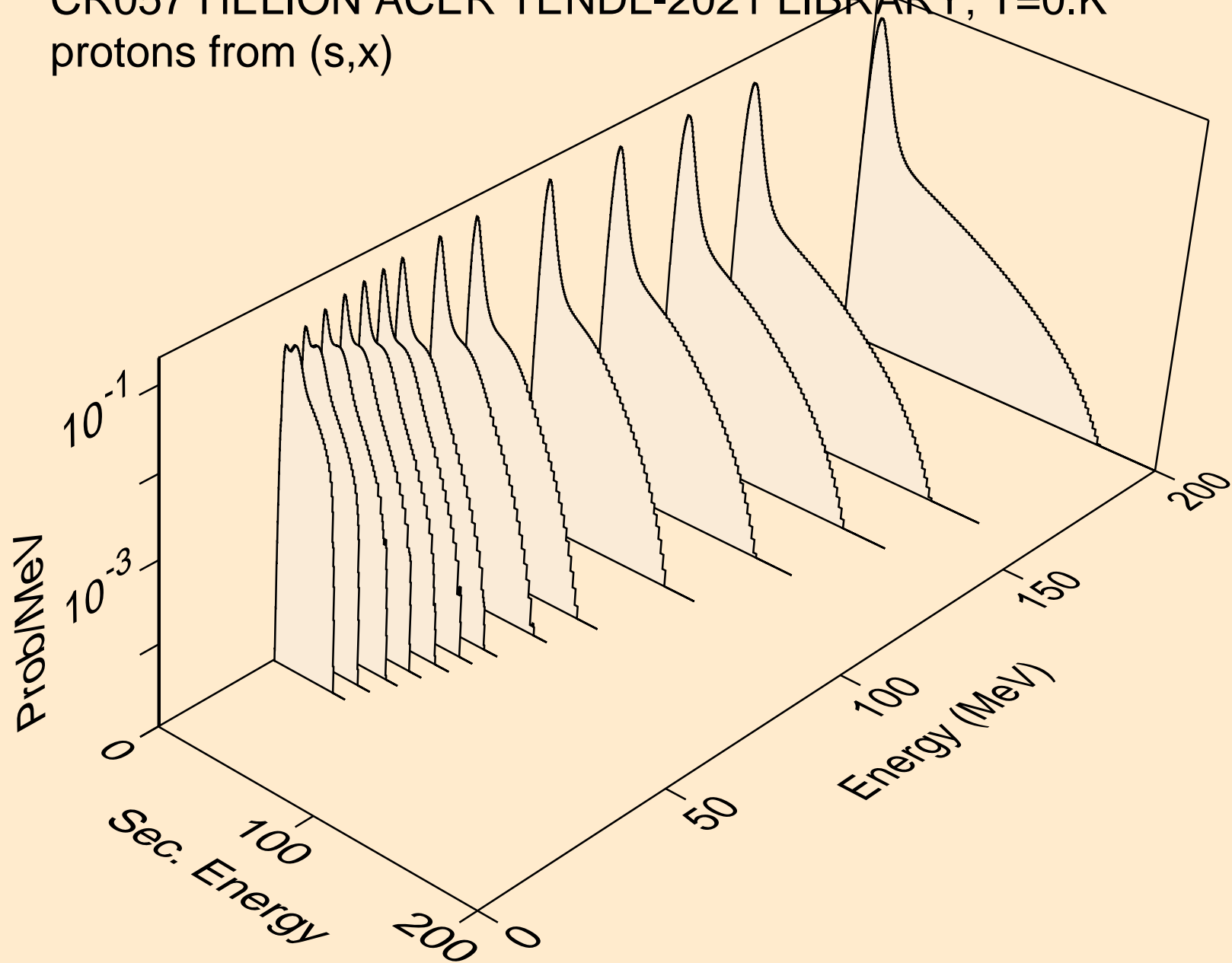




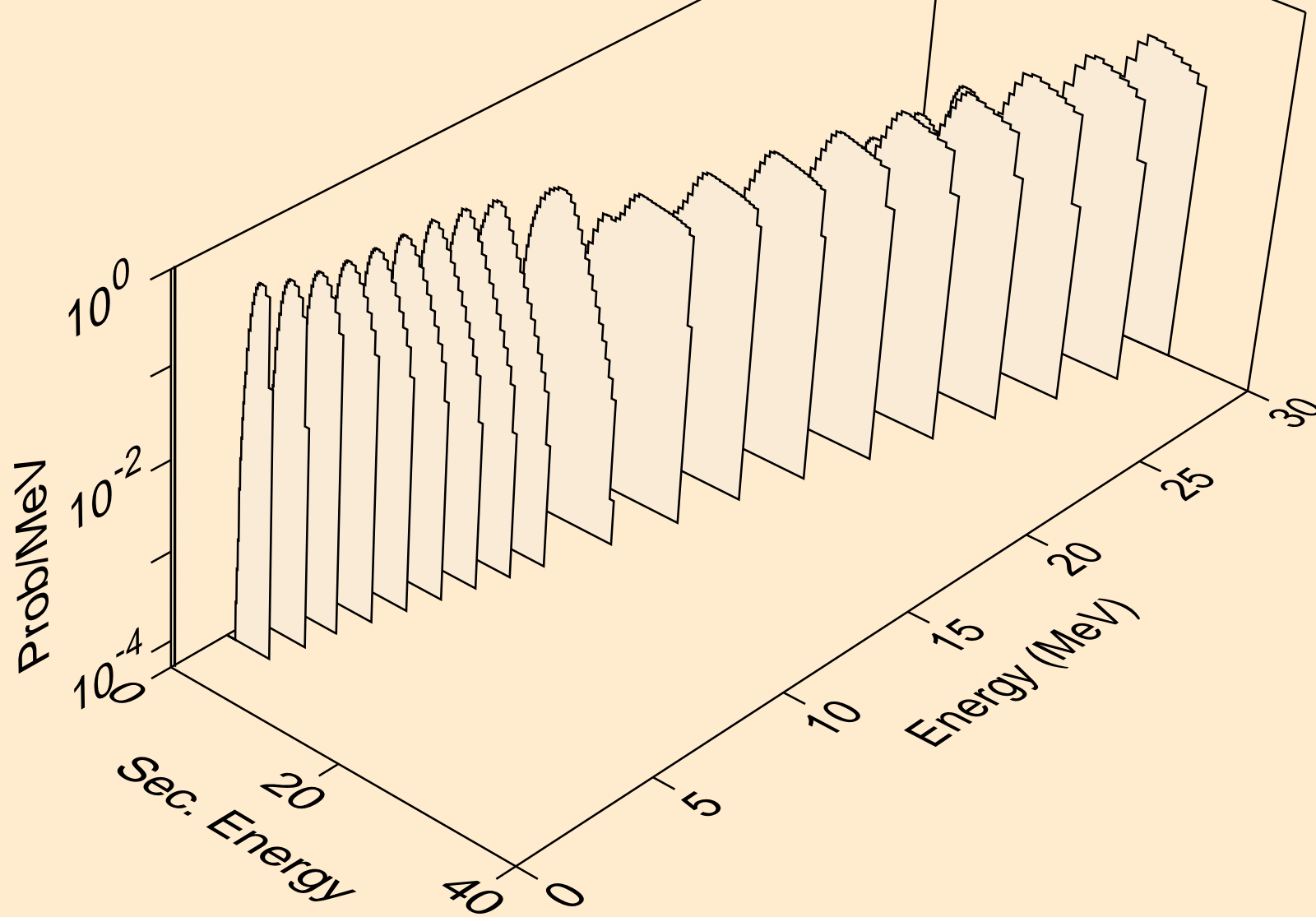
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neutrons from (s,npa)



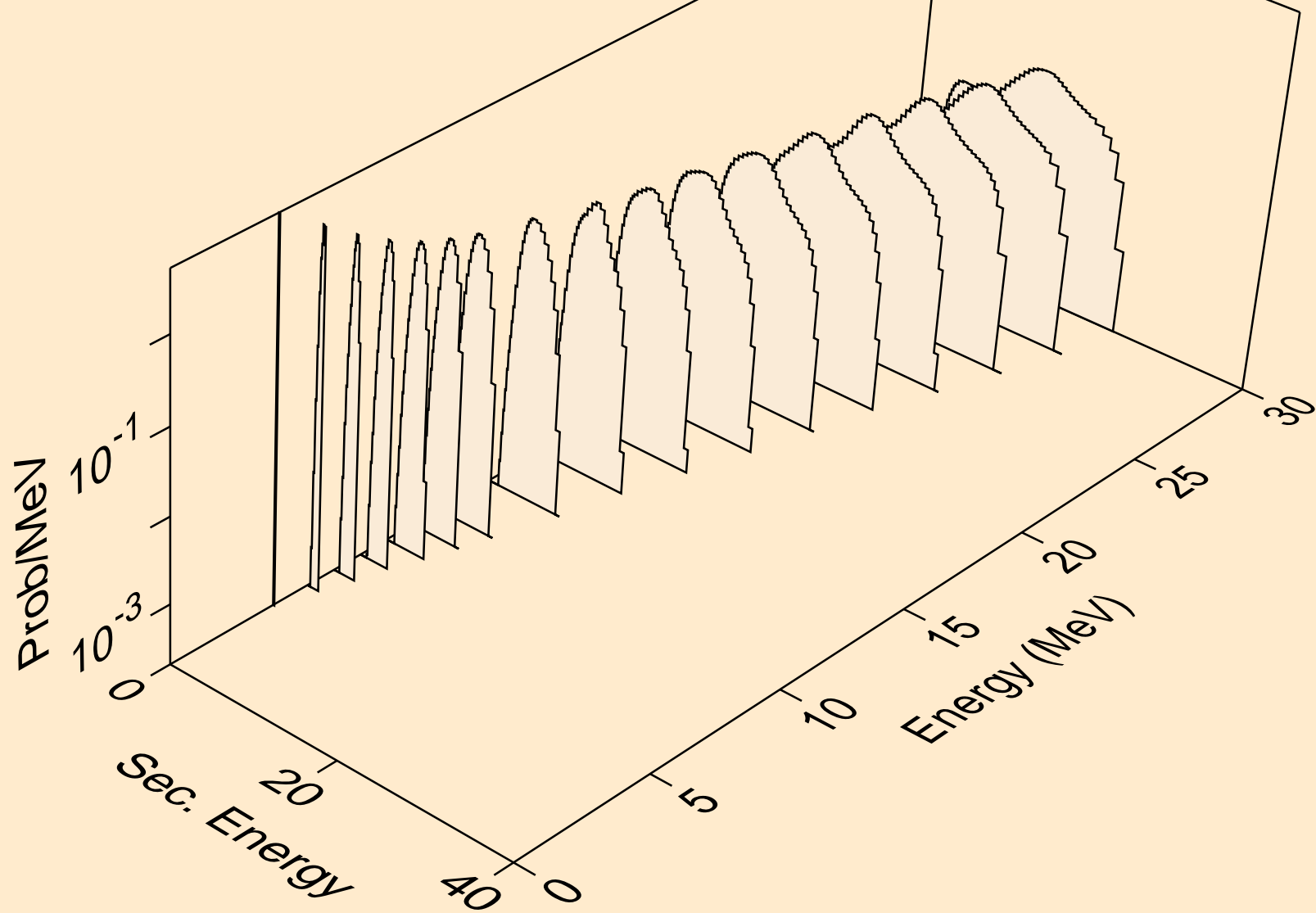
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protons from (s,x)



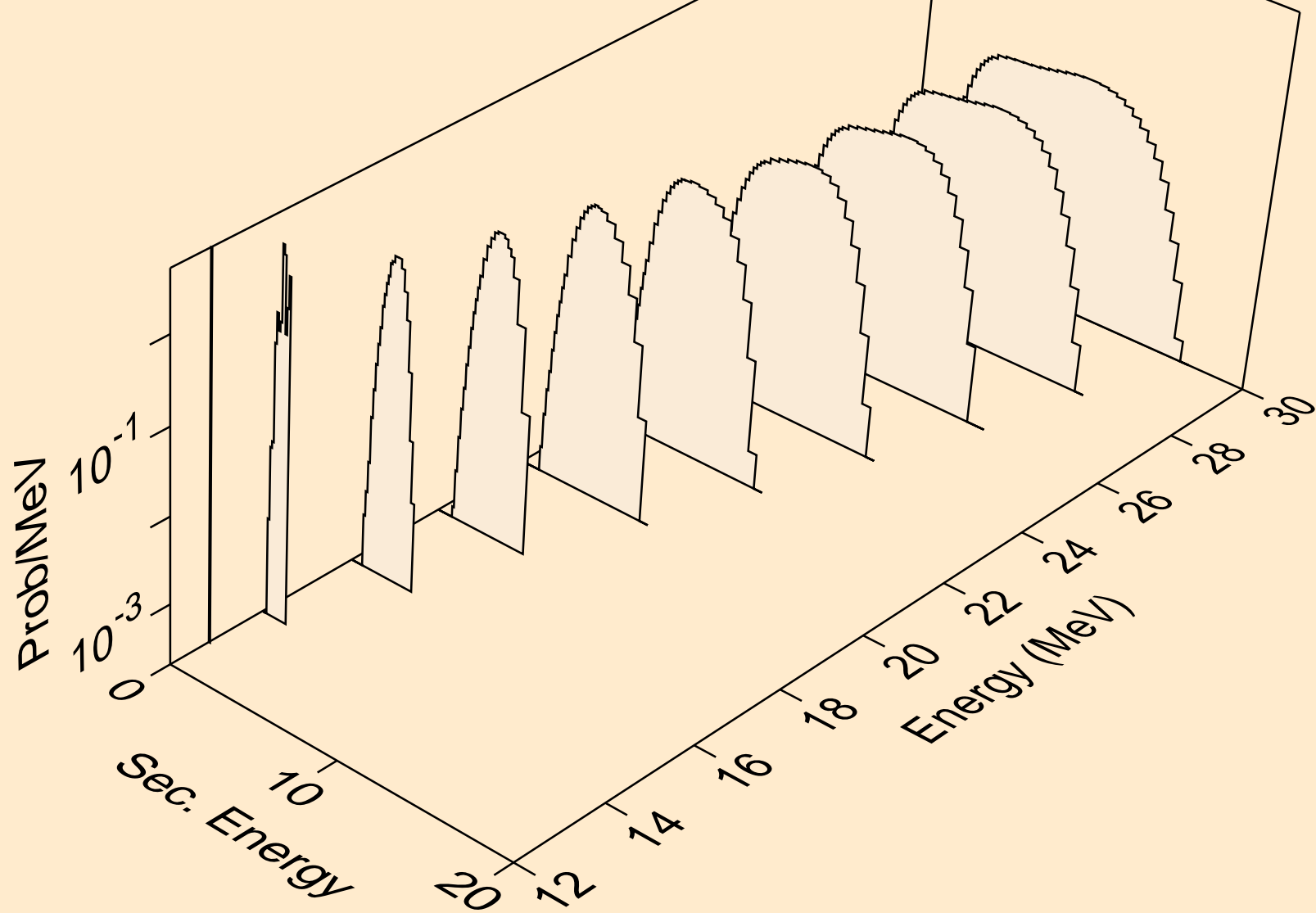
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protons from (s,n\*)p



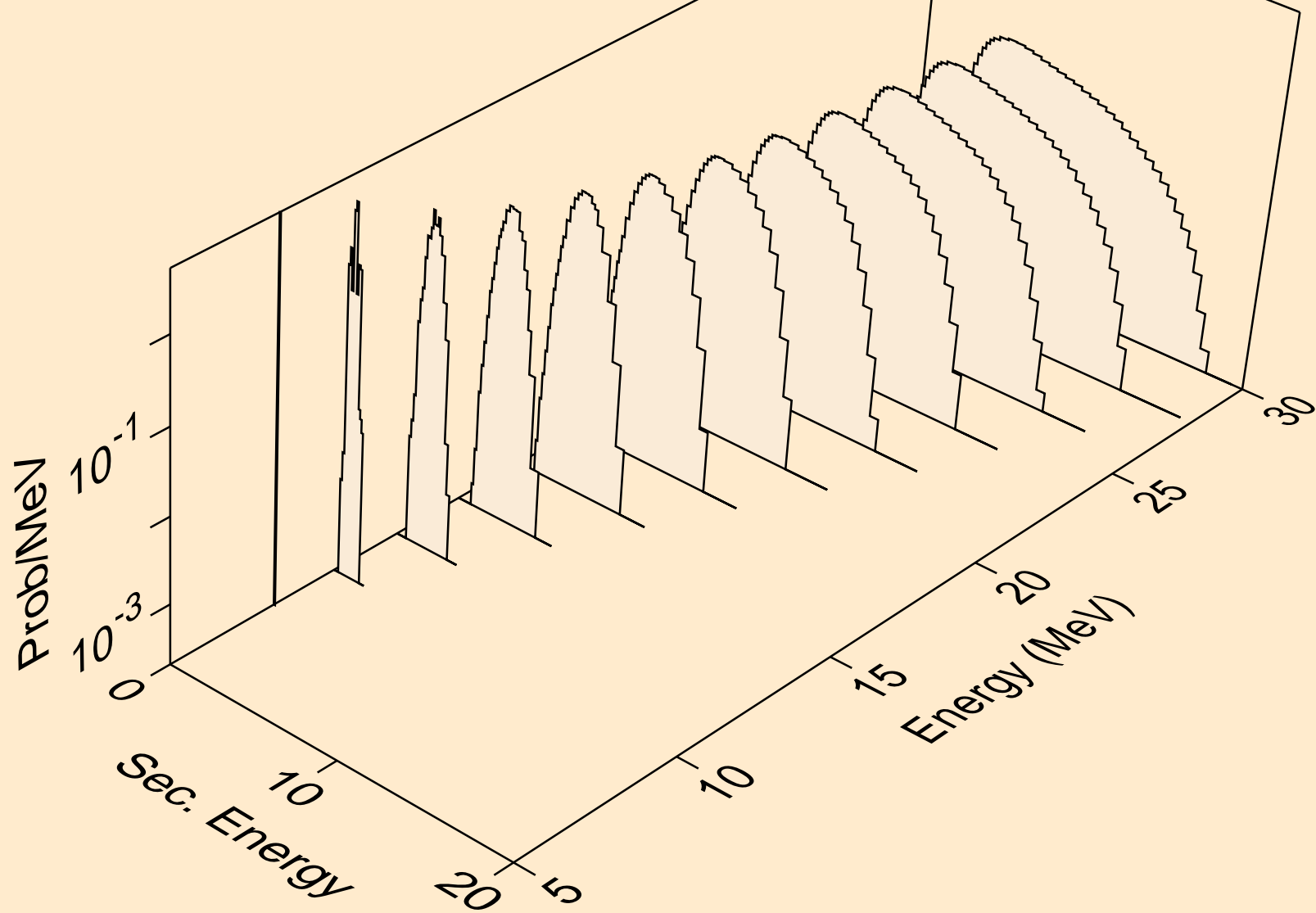
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protons from (s,2np)



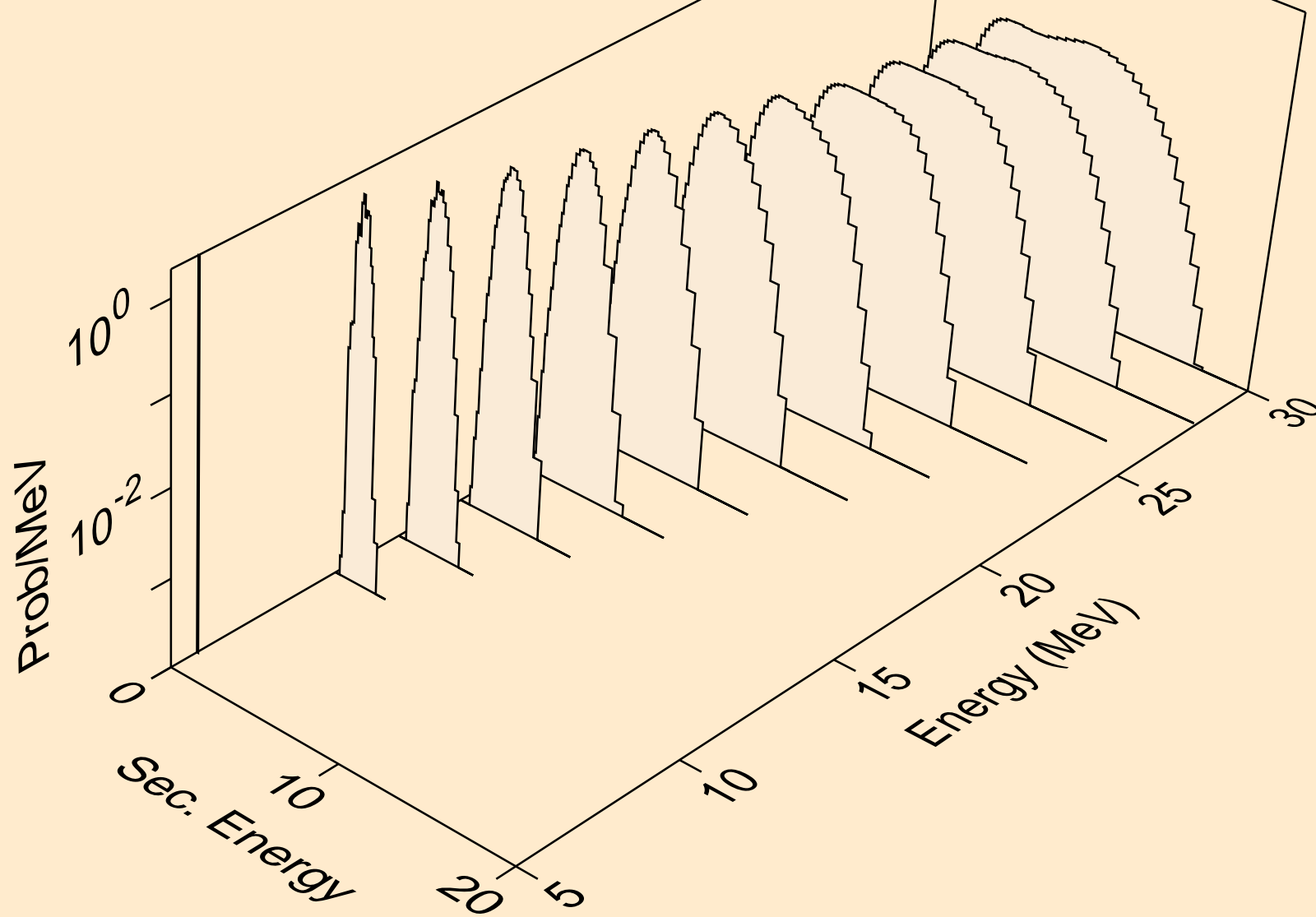
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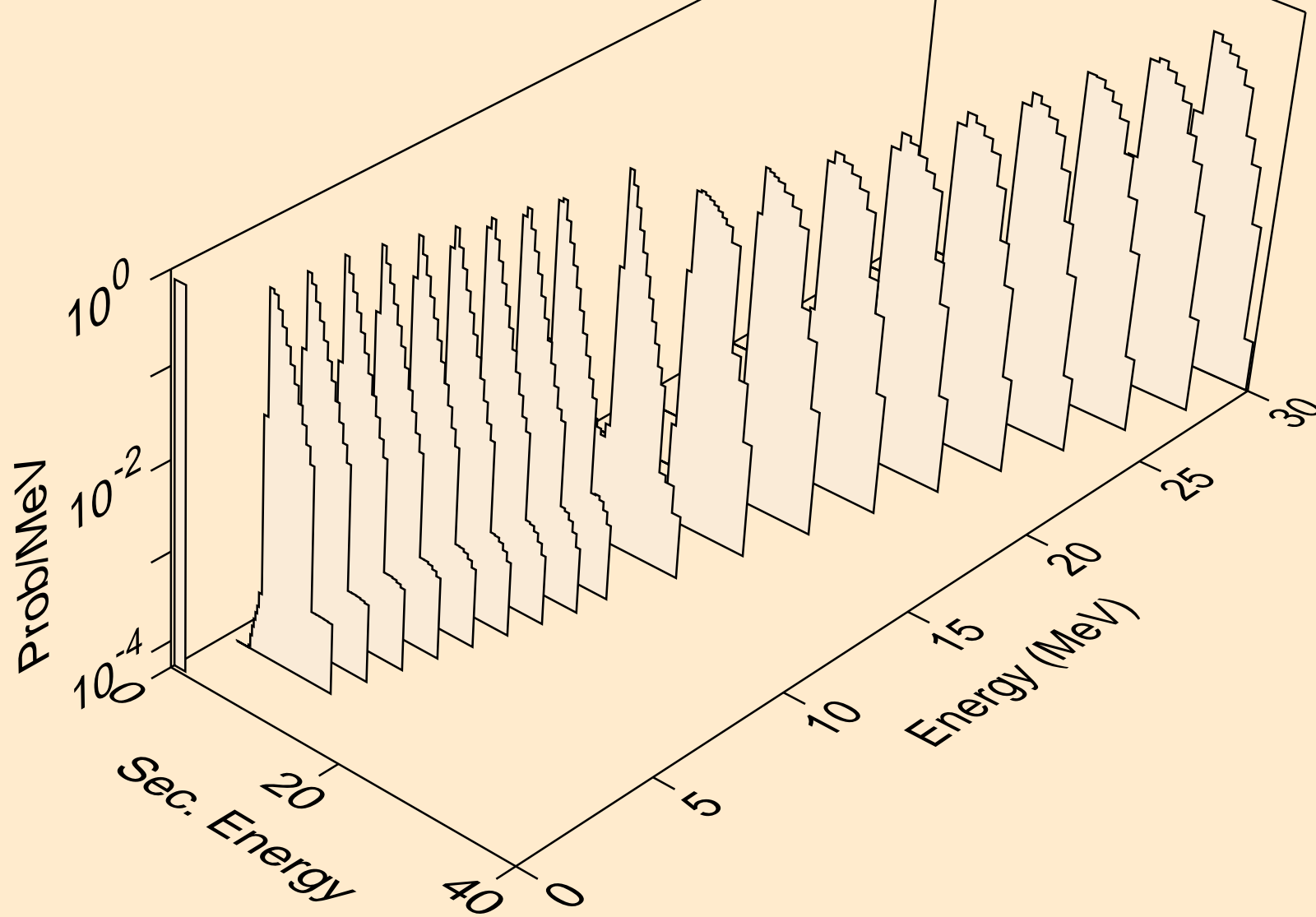
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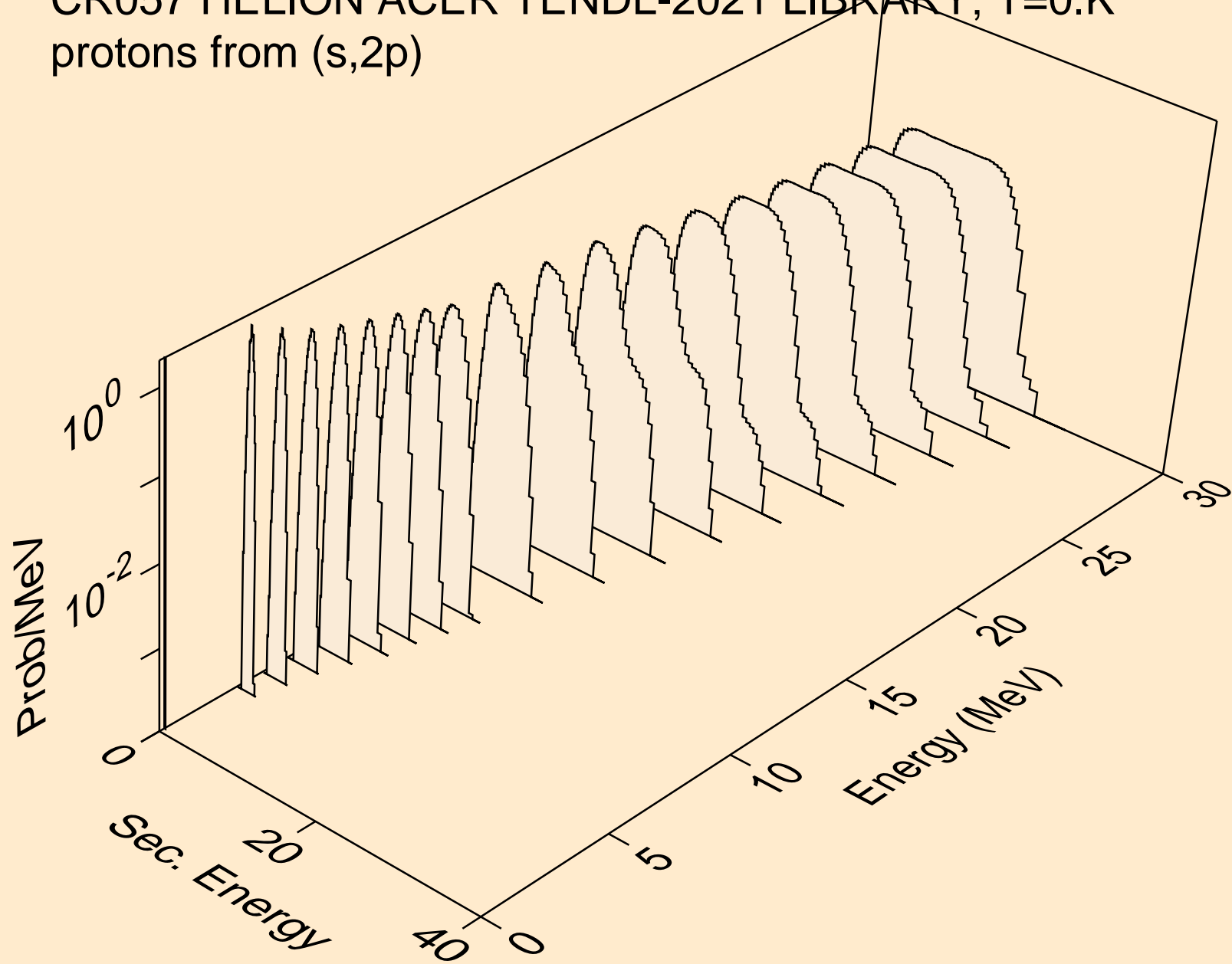


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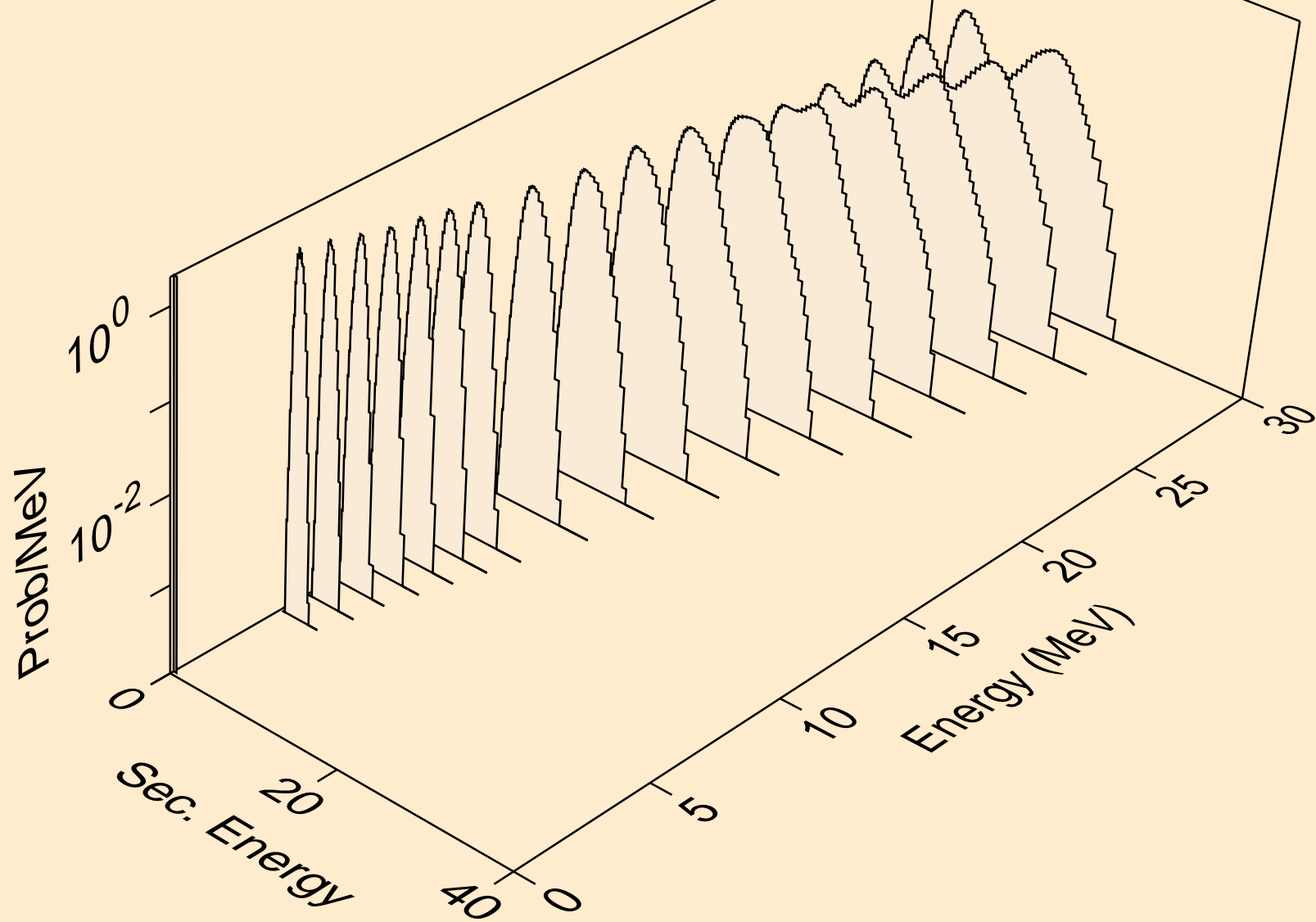




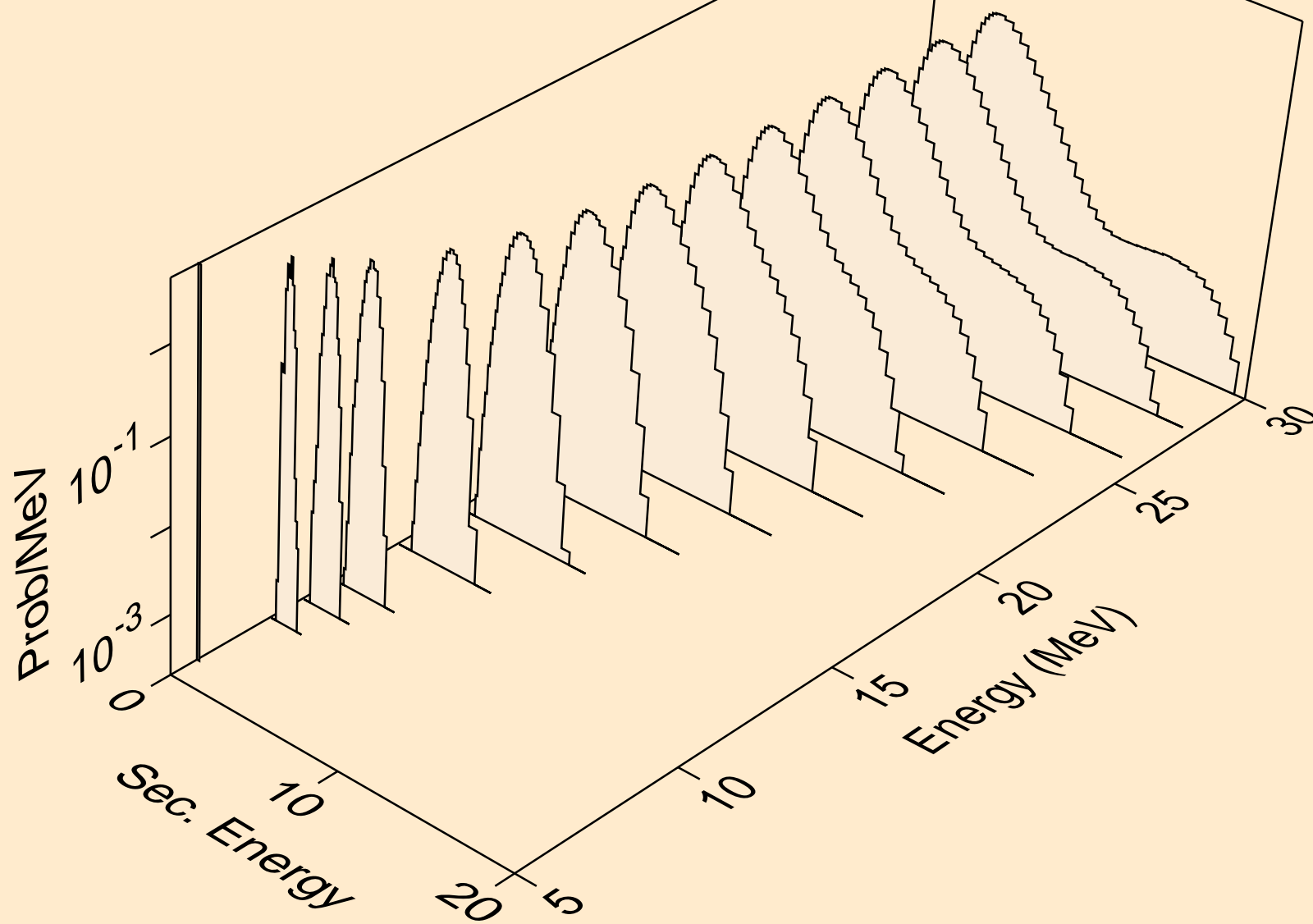
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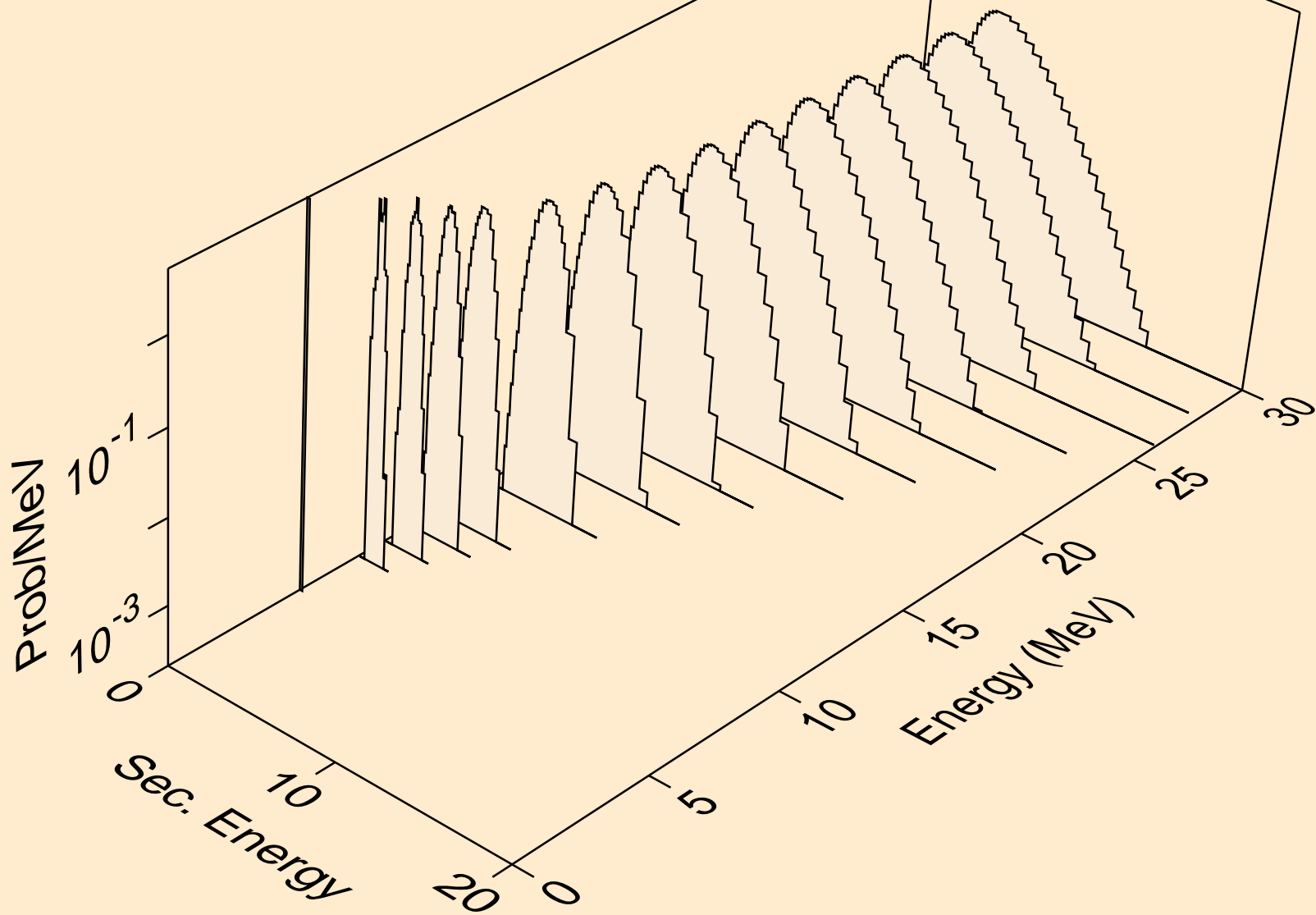
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protons from (s,pa)



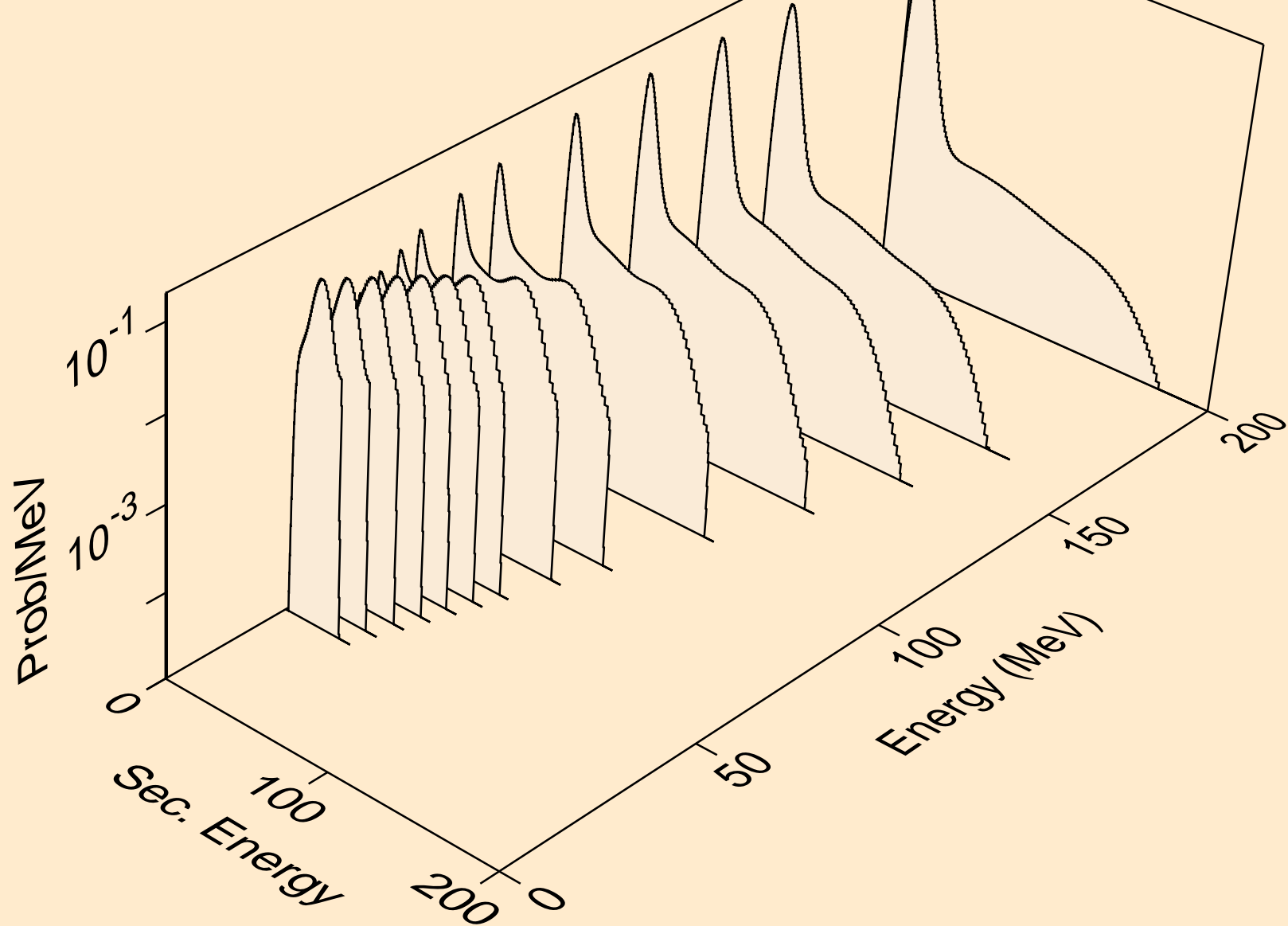
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protons from (s,pd)



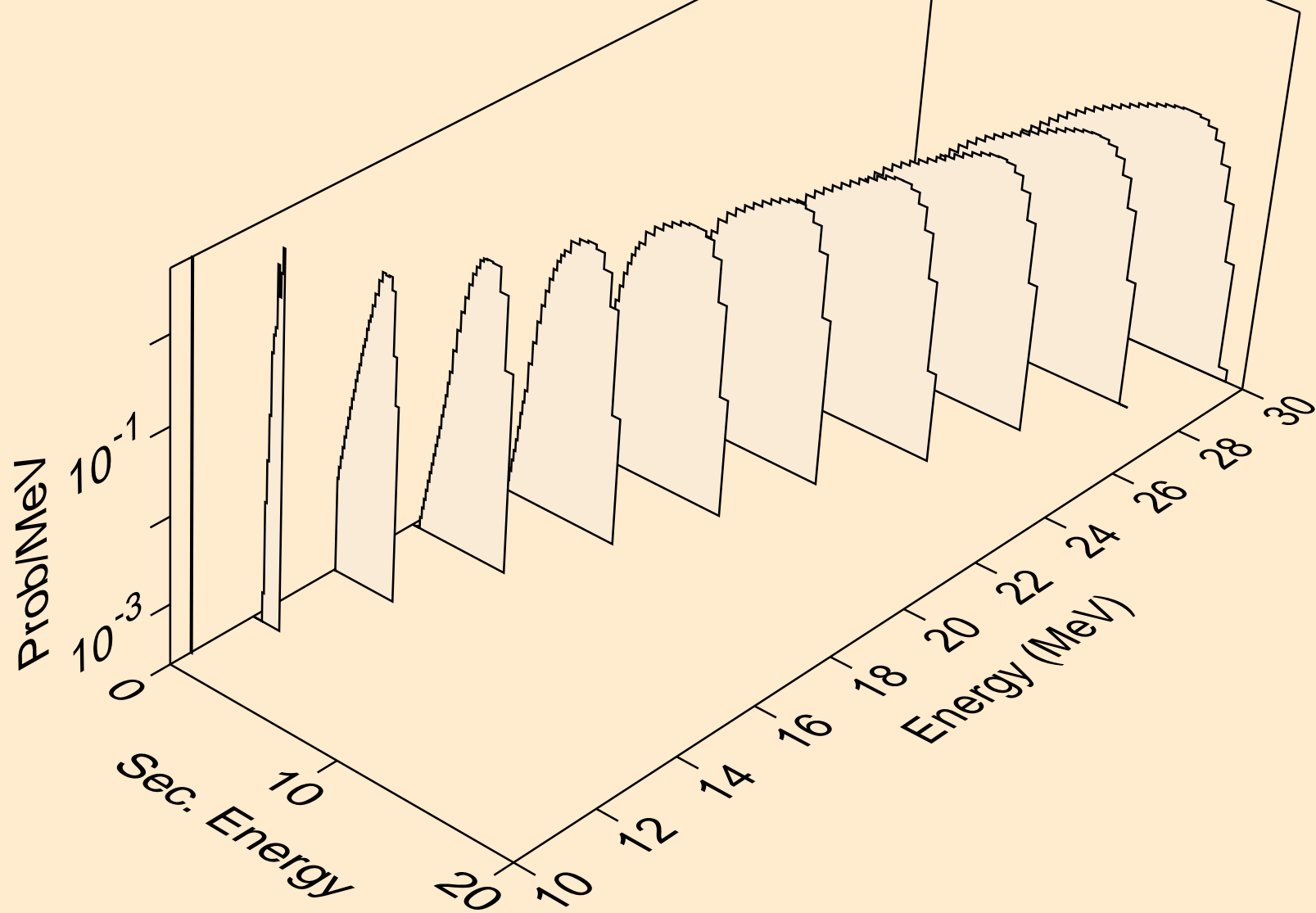
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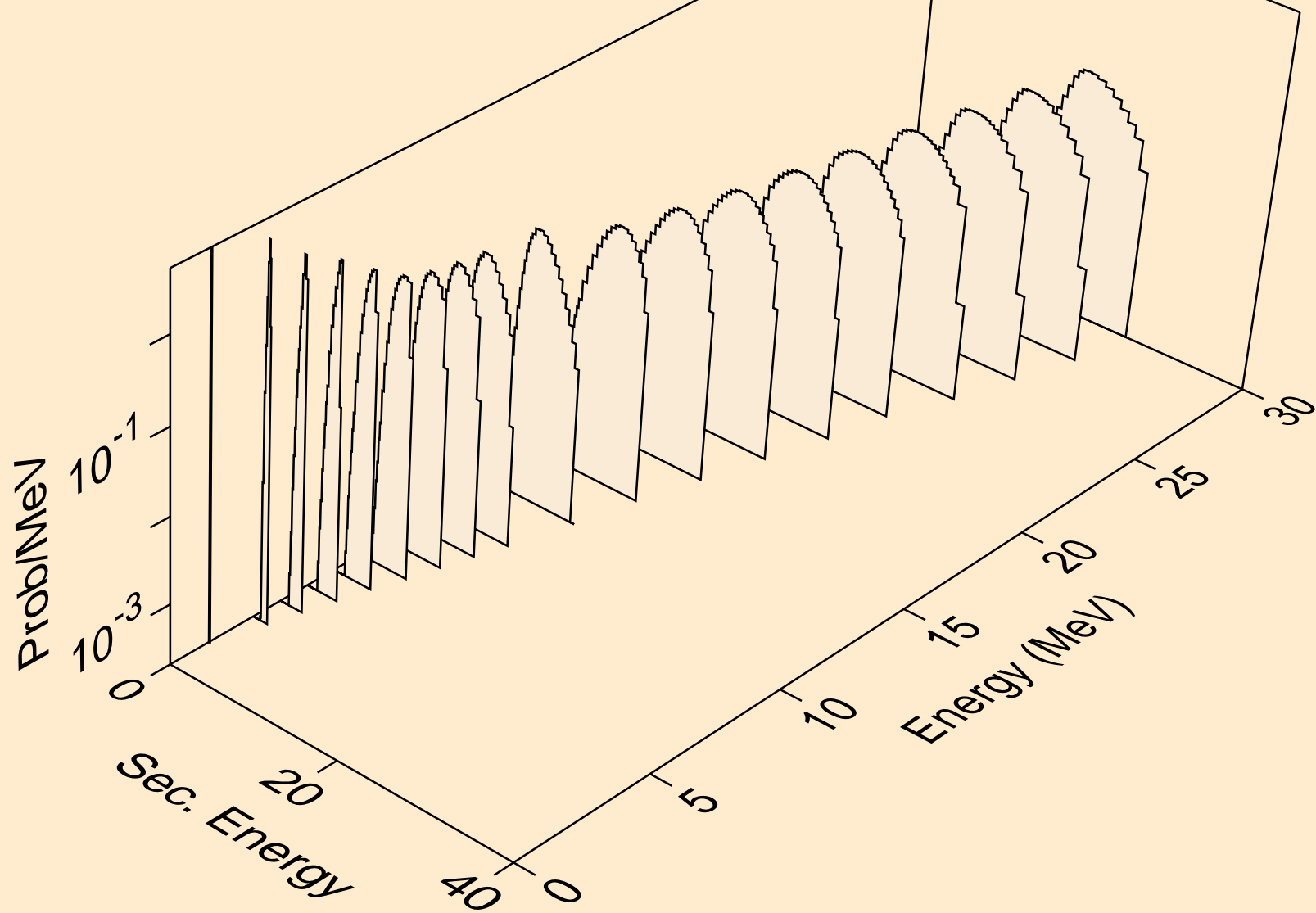
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deuterons from (s,x)



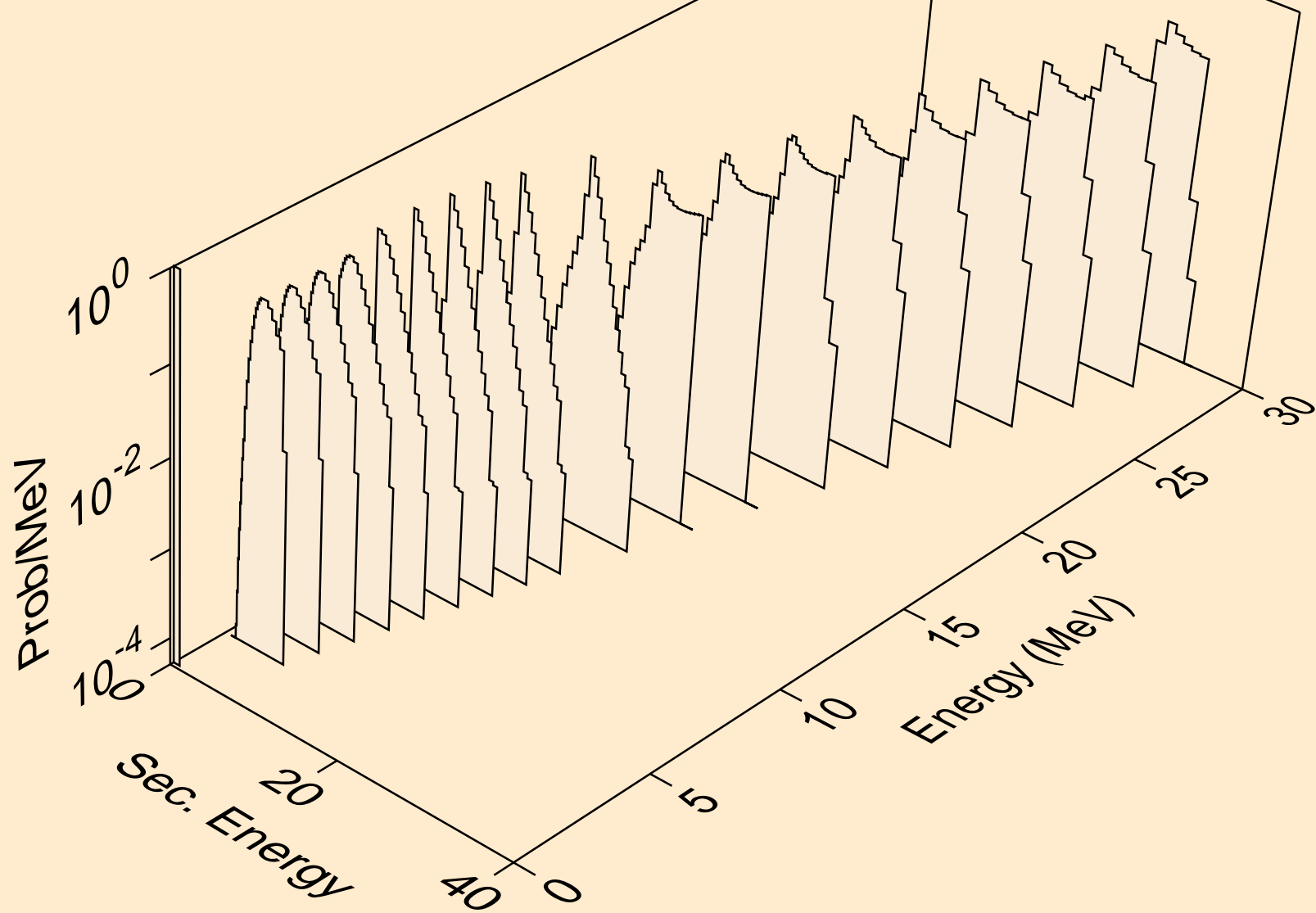
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d

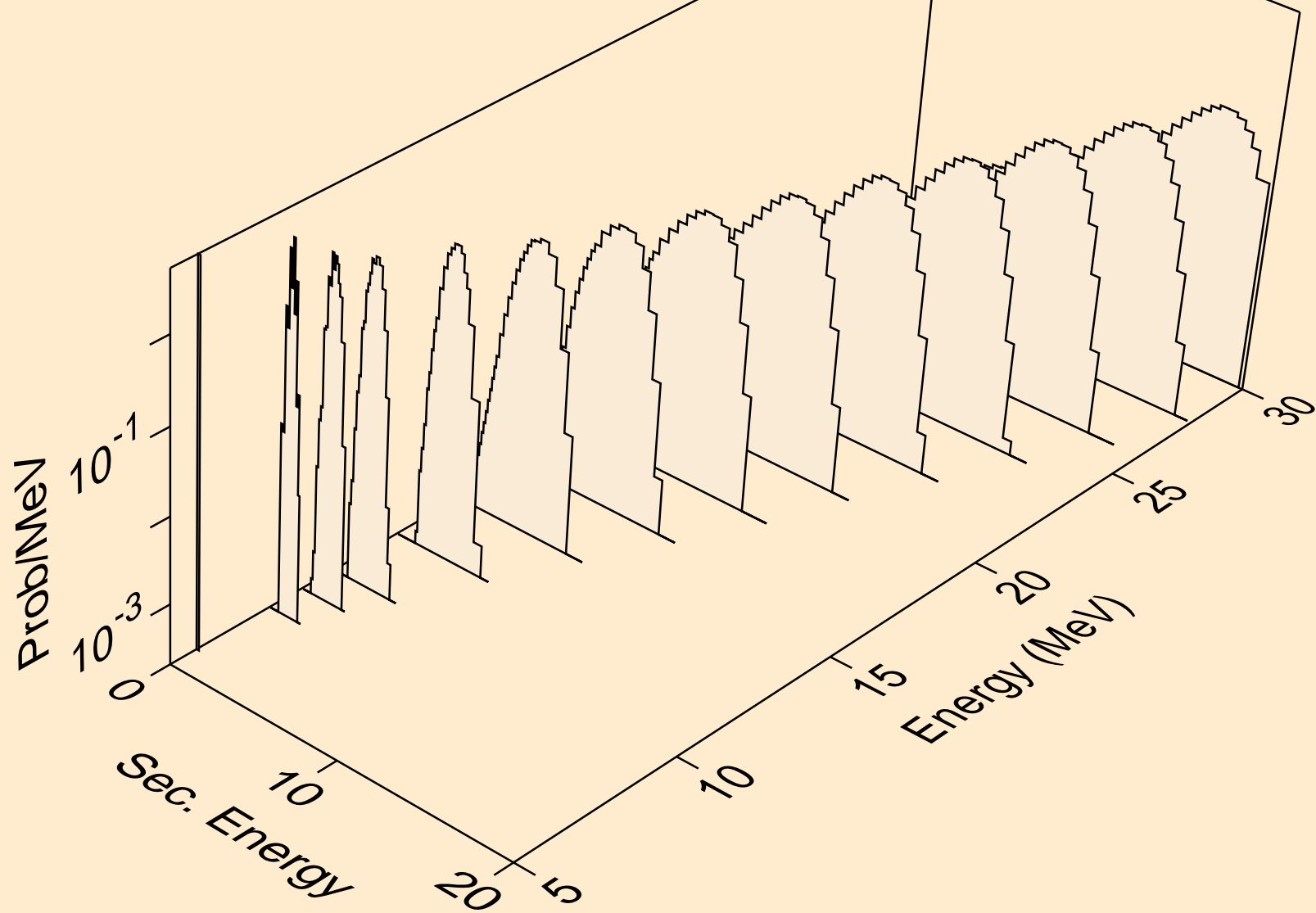


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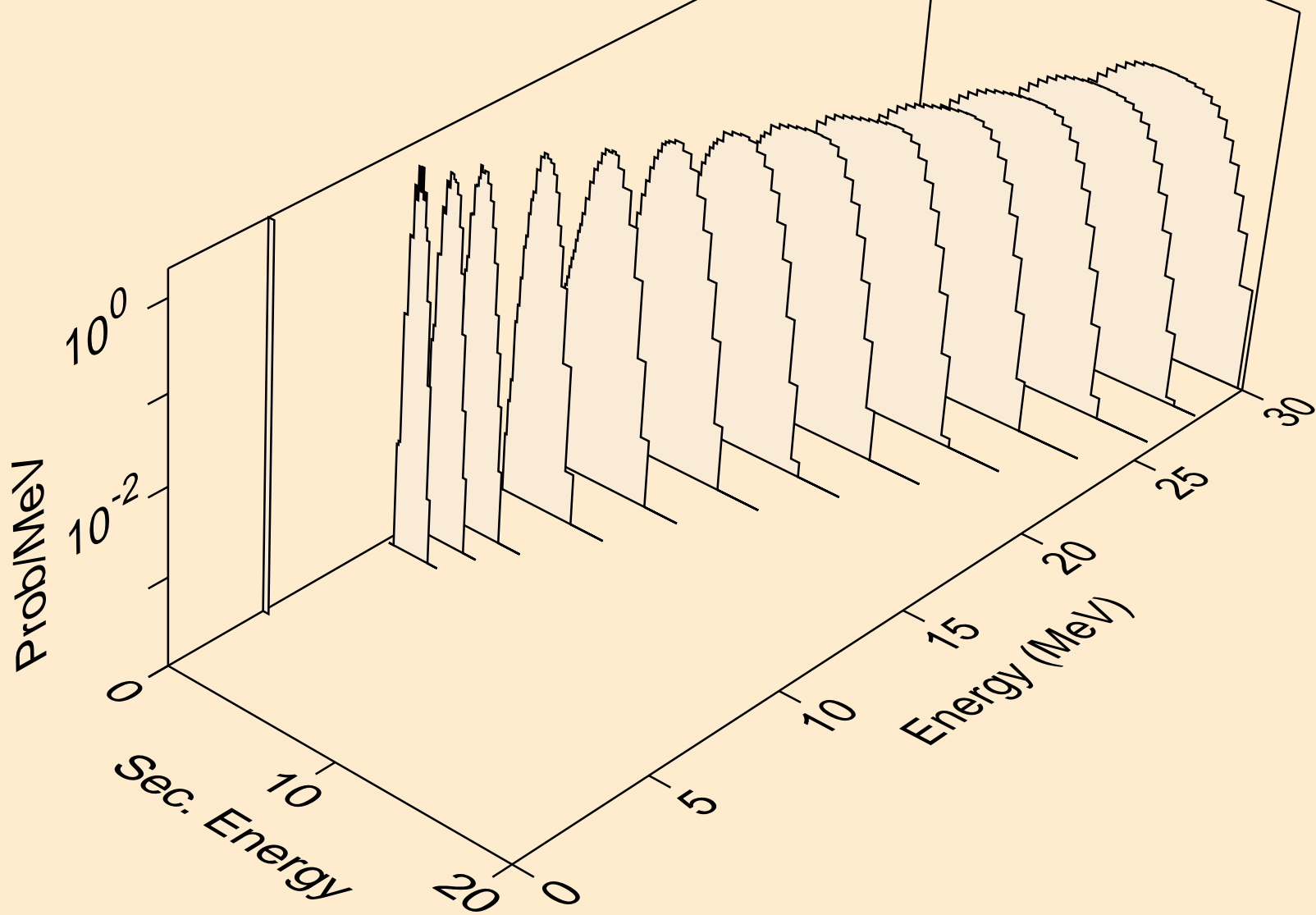




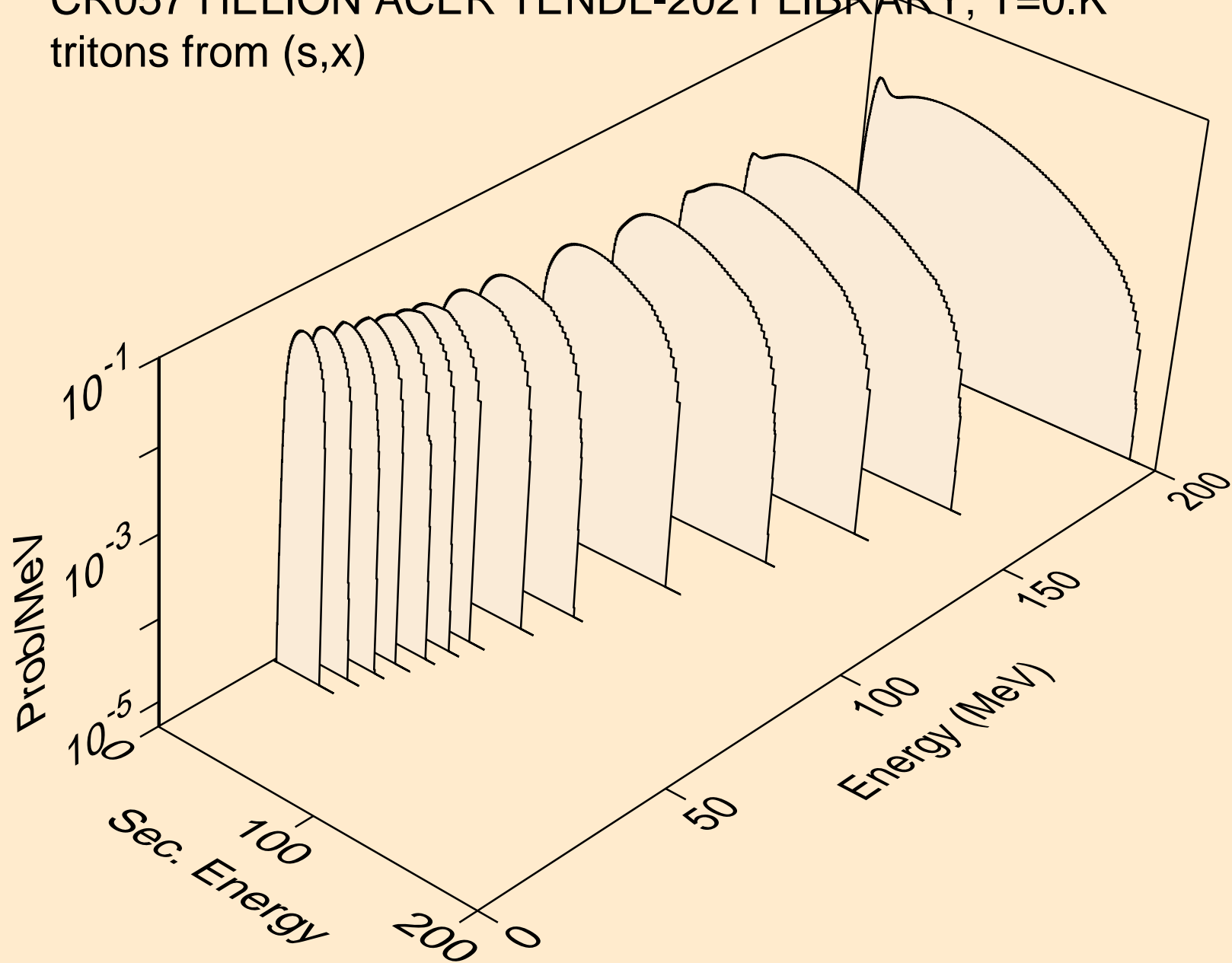
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deuterons from (s,pd)



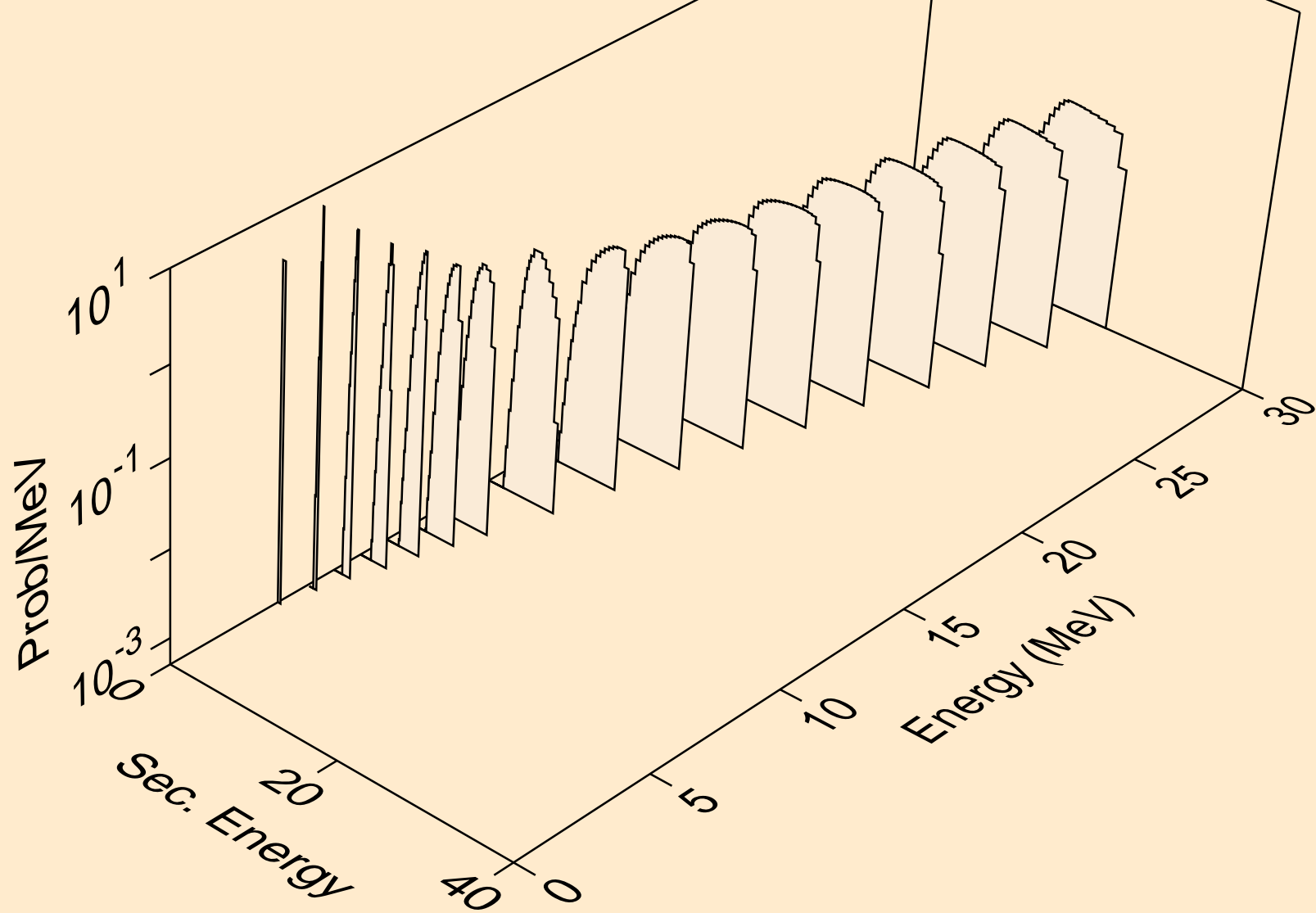
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deuterons from (s,da)



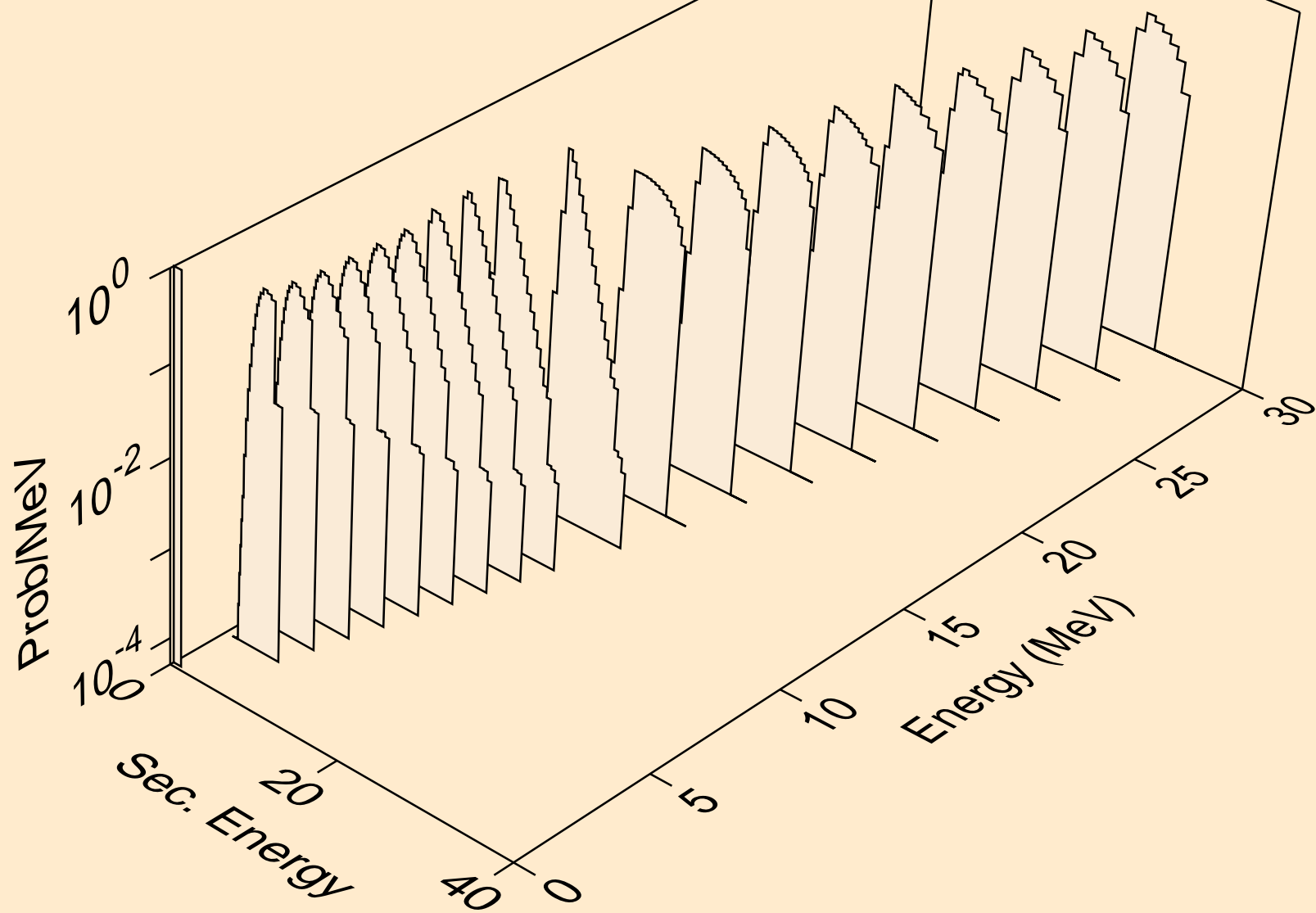
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tritons from (s,x)



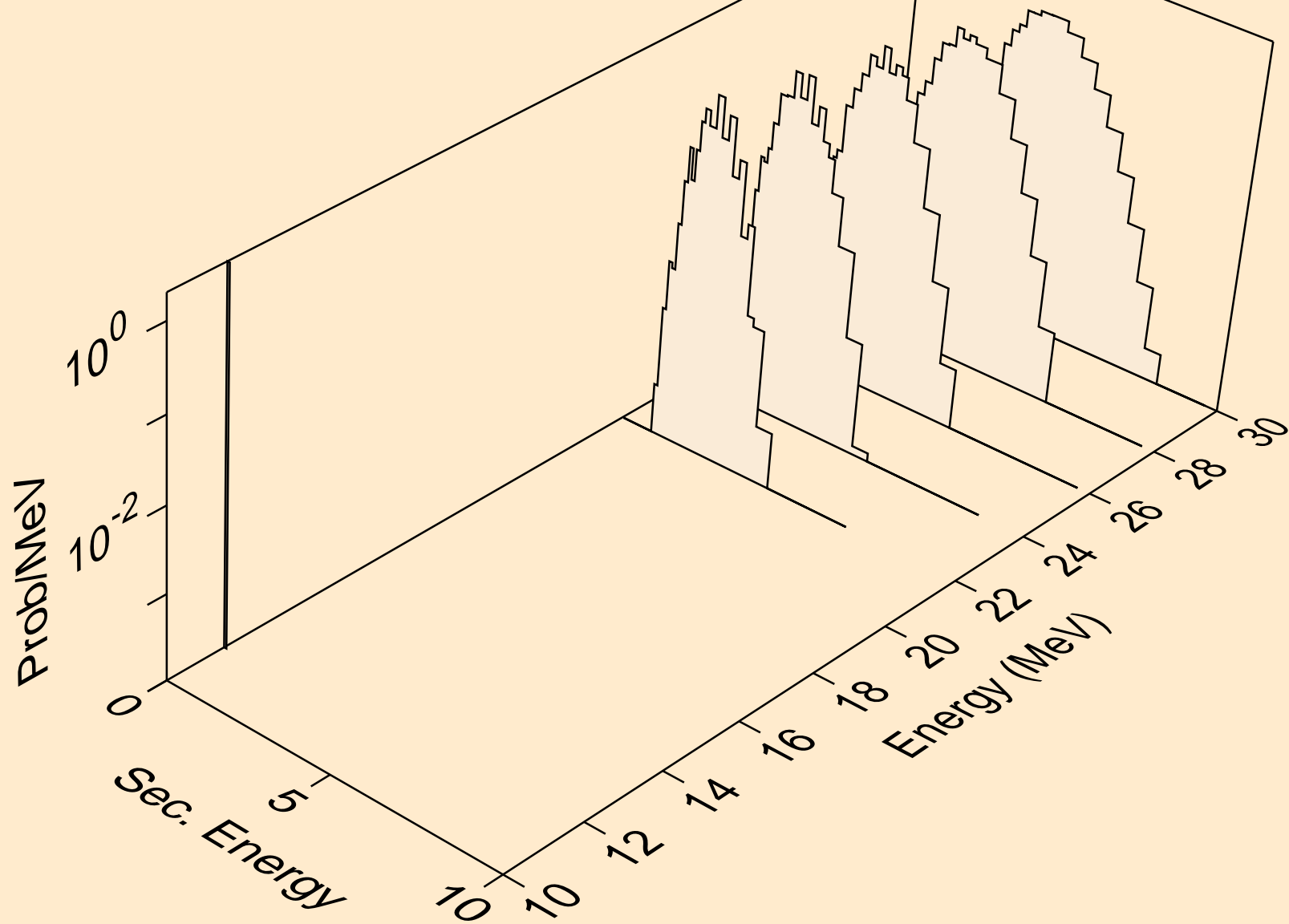
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



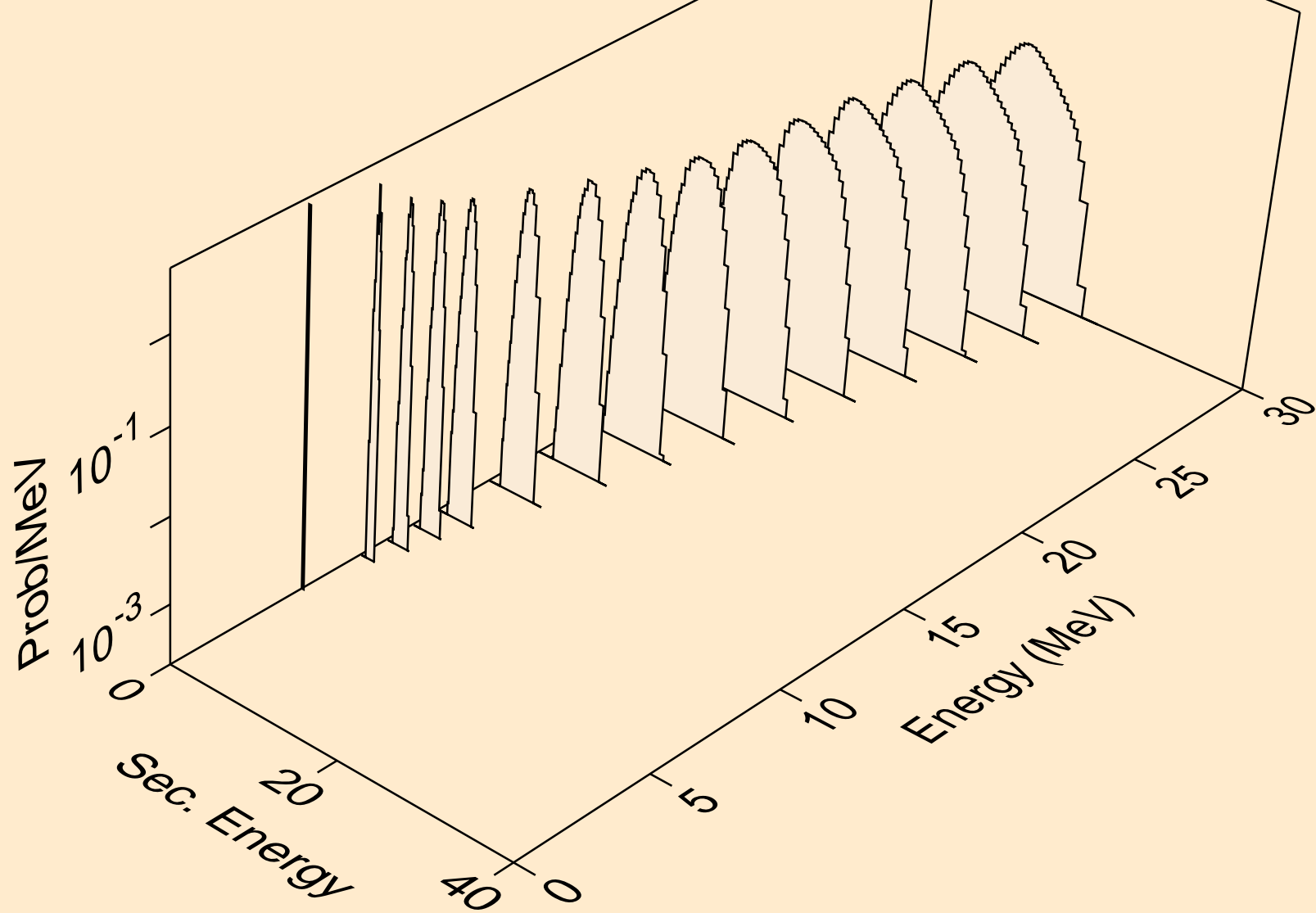
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tritons from (s,t)



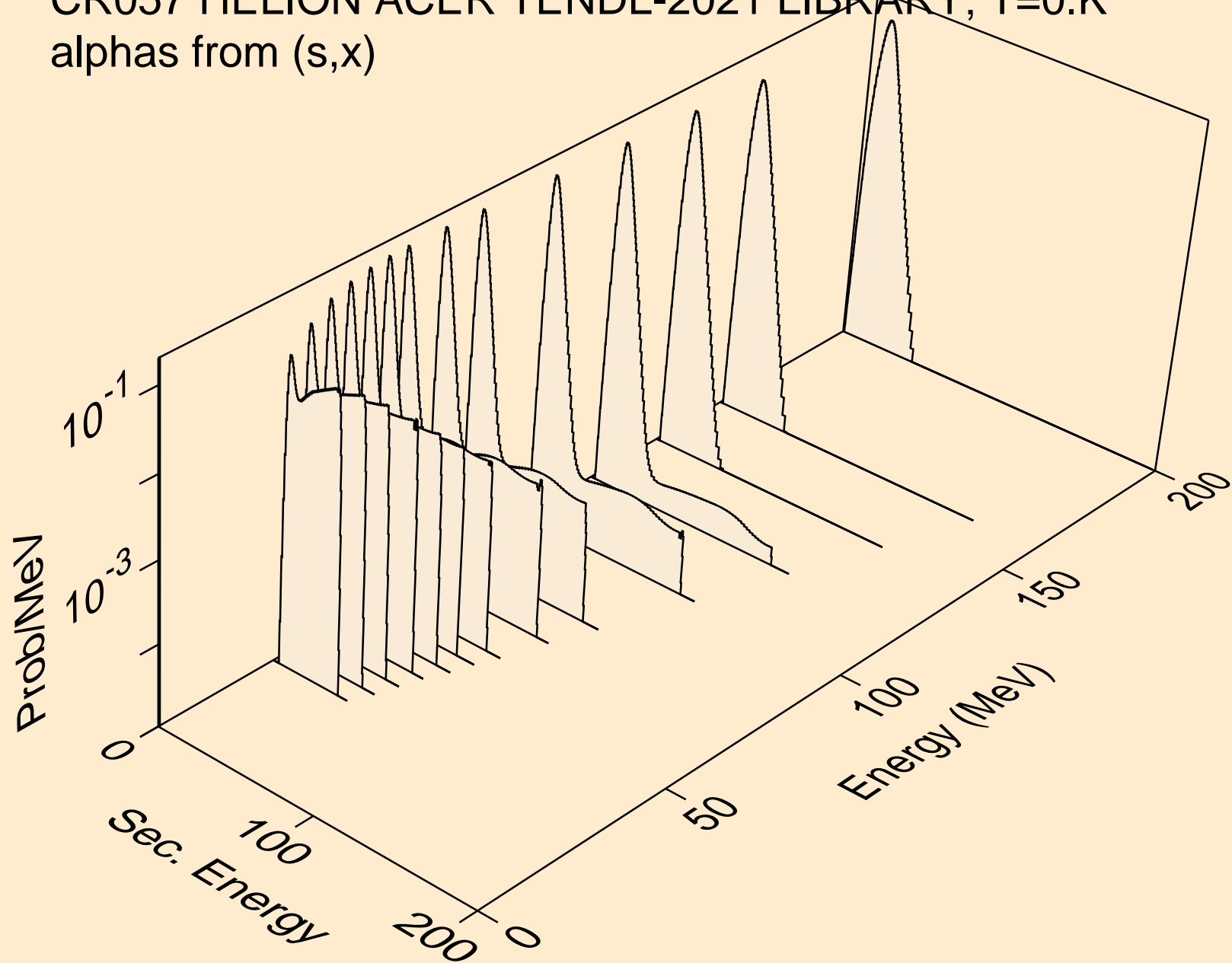
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t2a)



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)

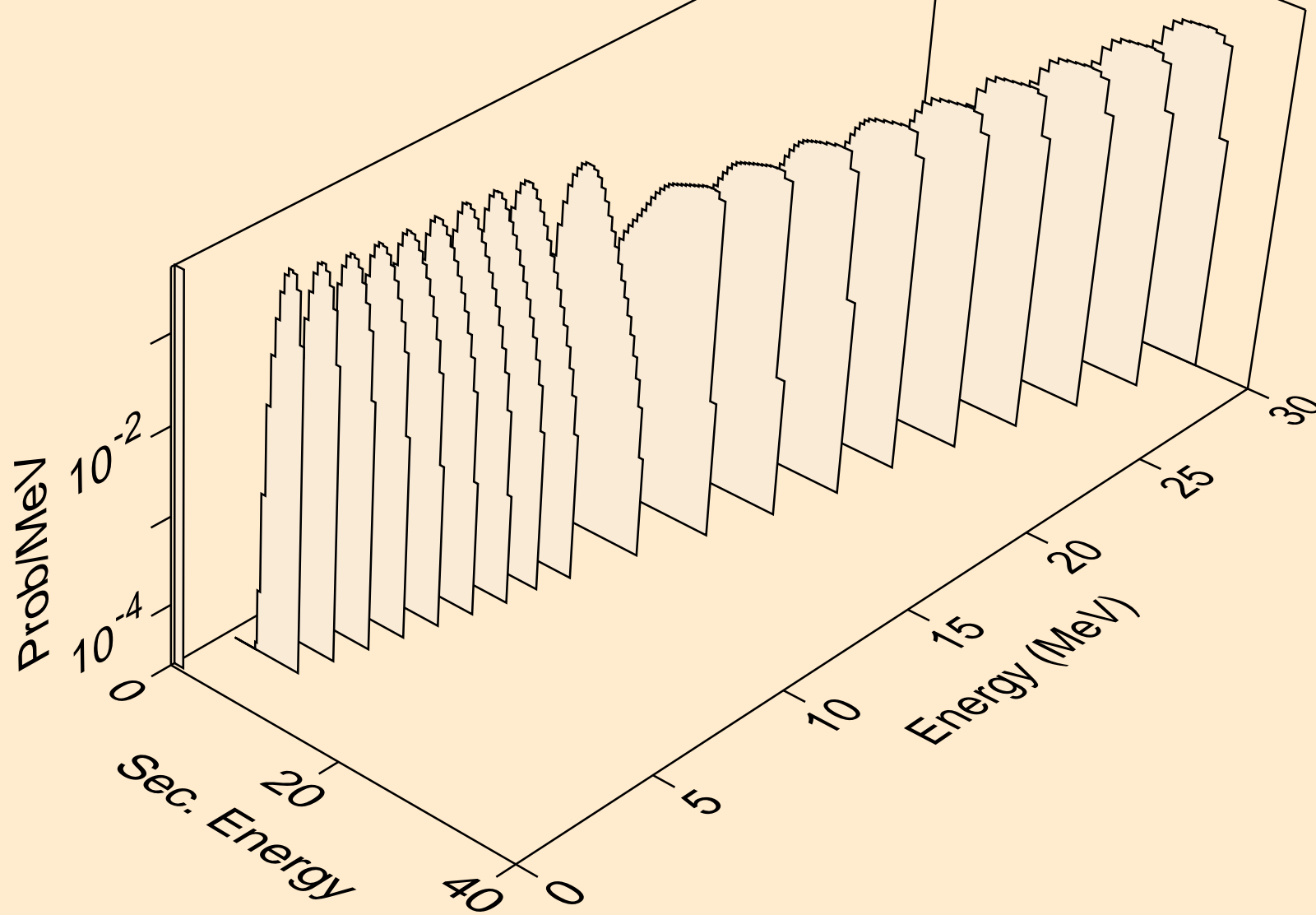


CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

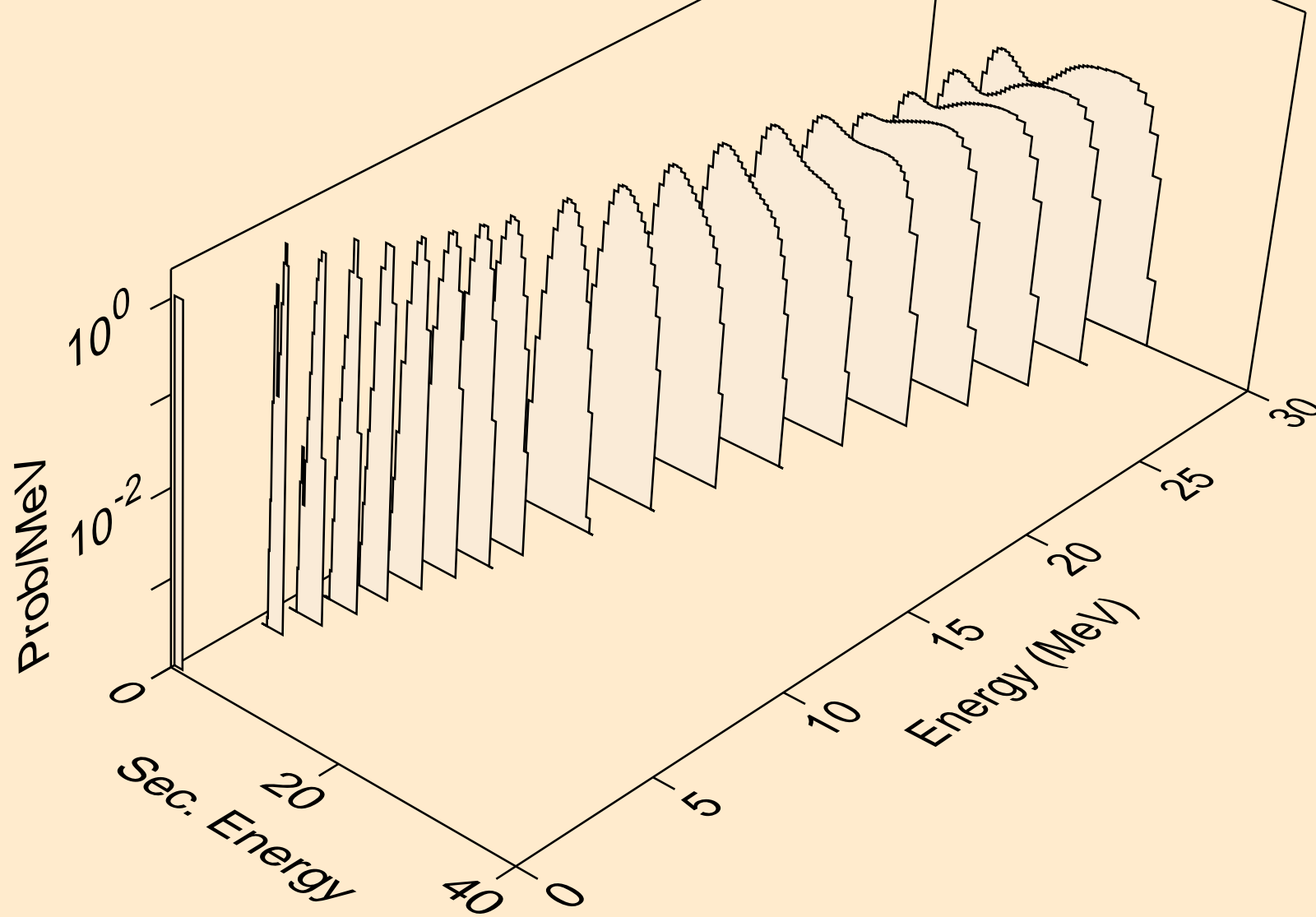




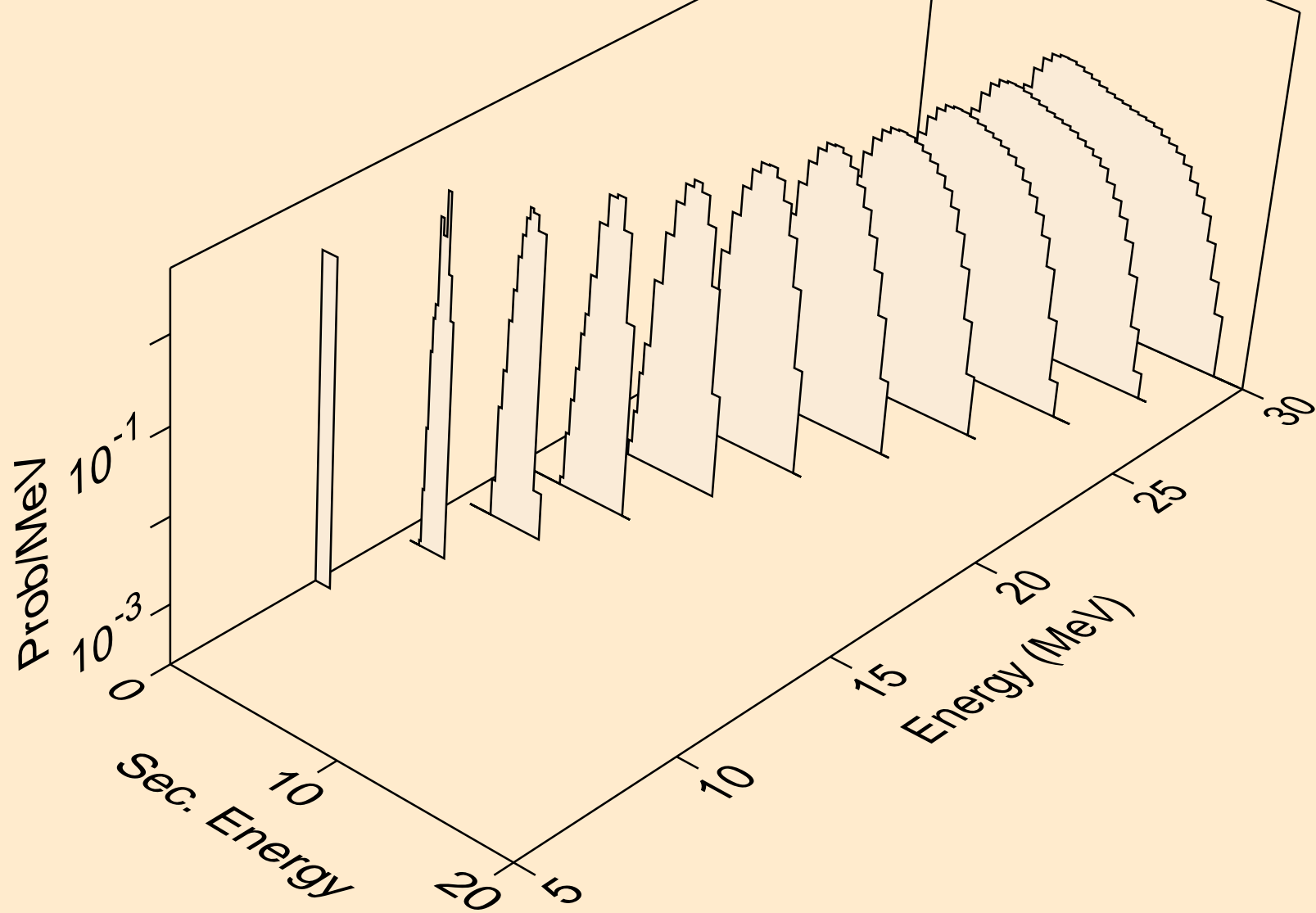
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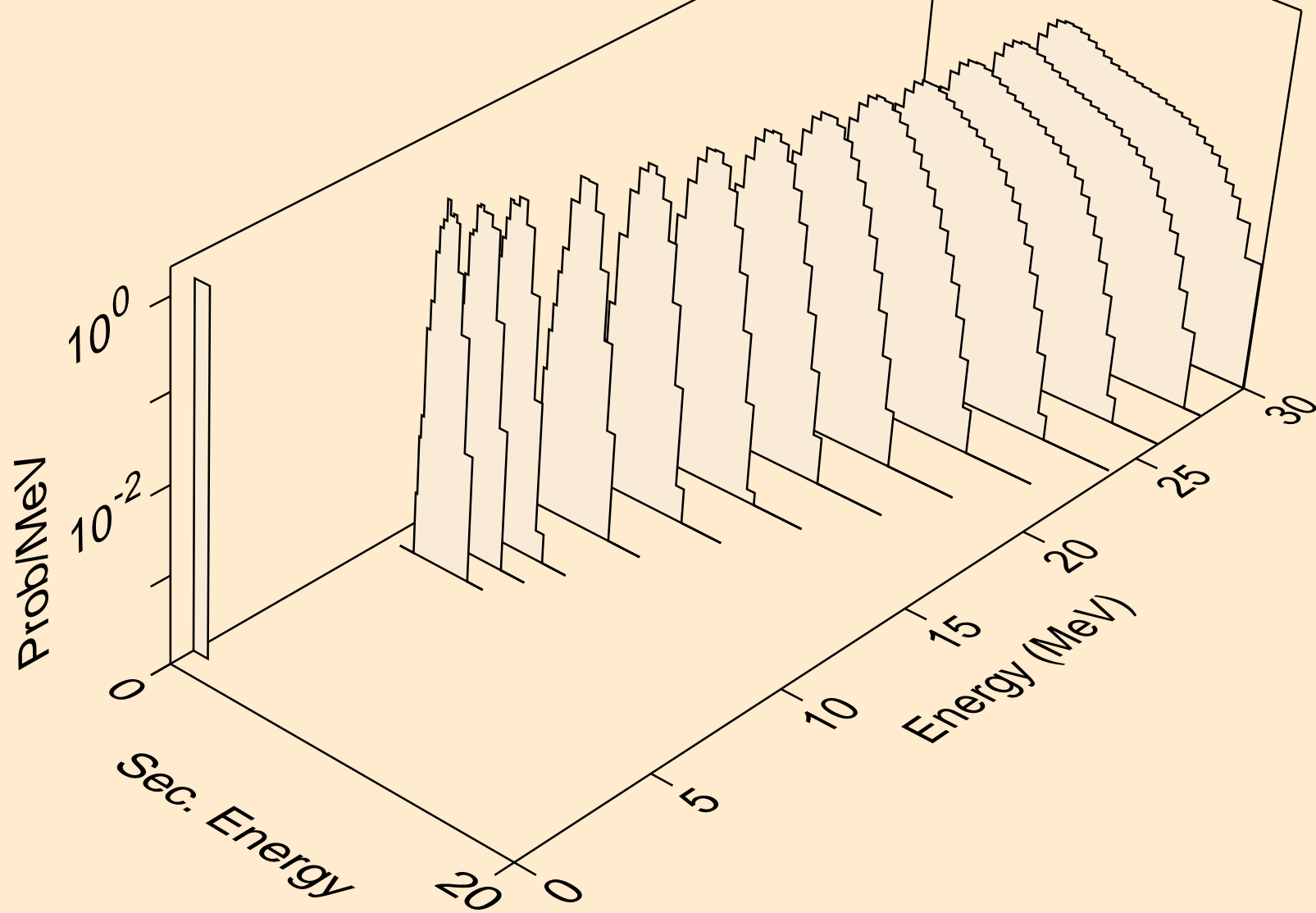
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alphas from (s,2n)a



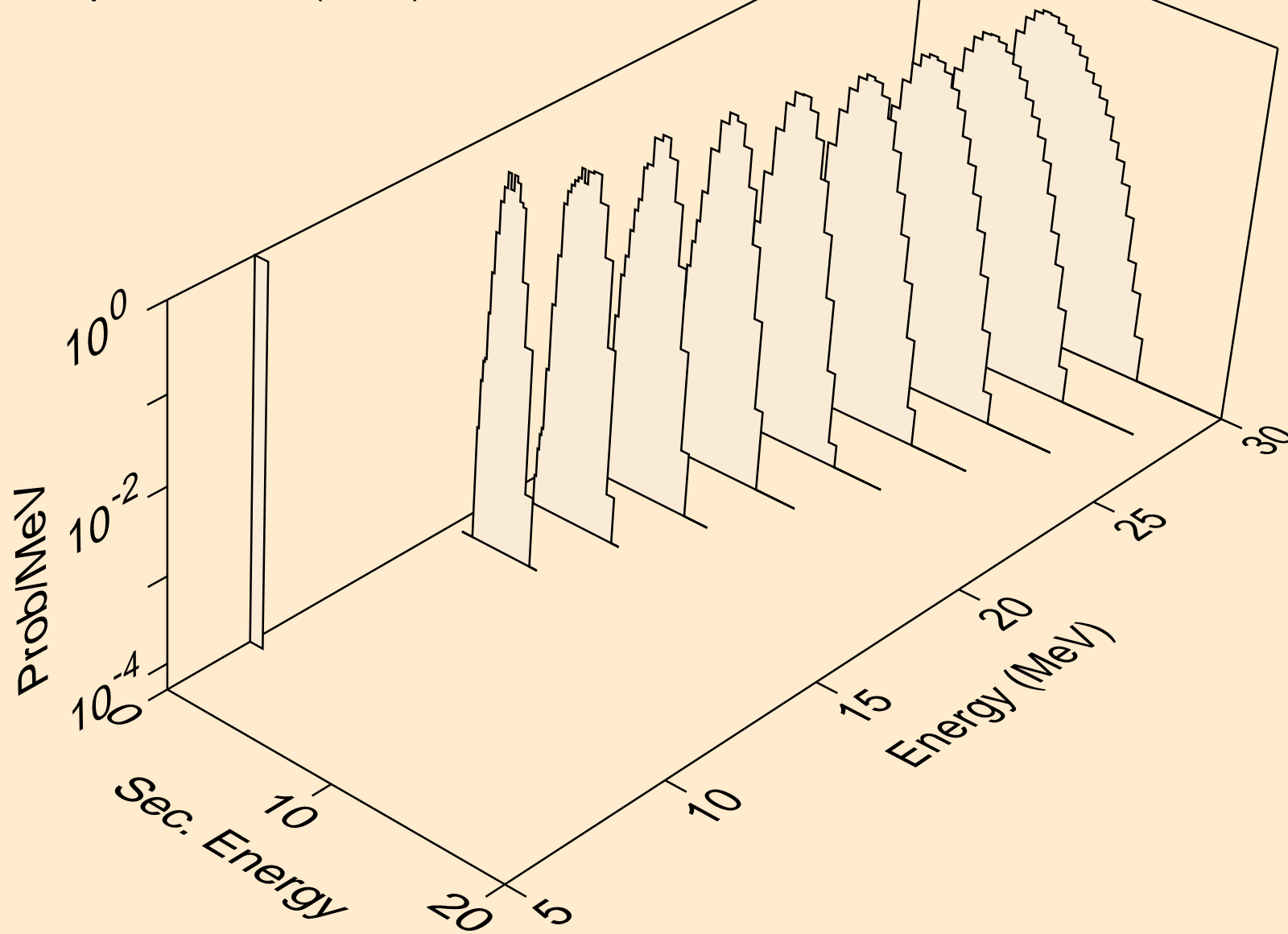
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alphas from (s,3n)a



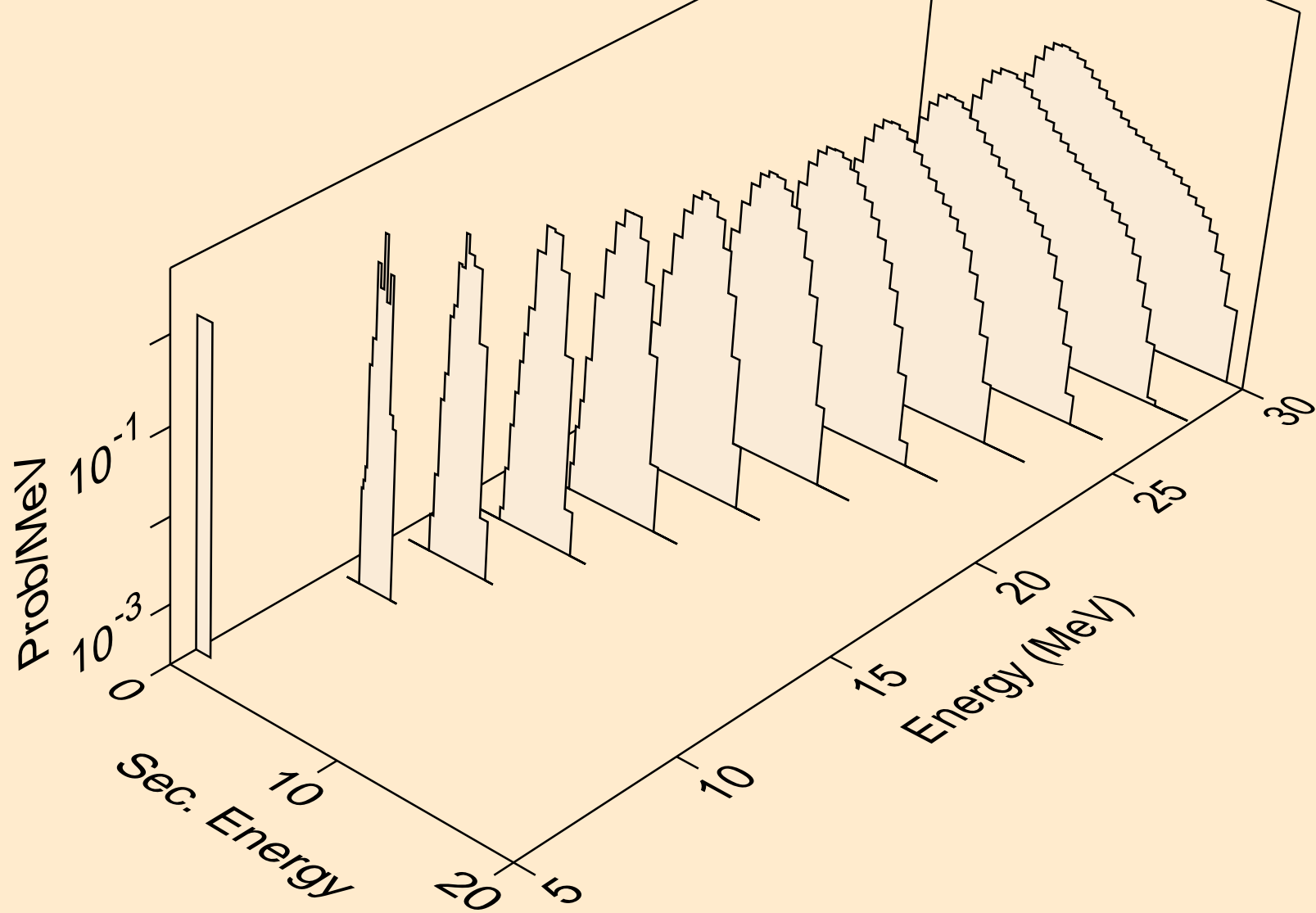
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alphas from (s,n\*)2a



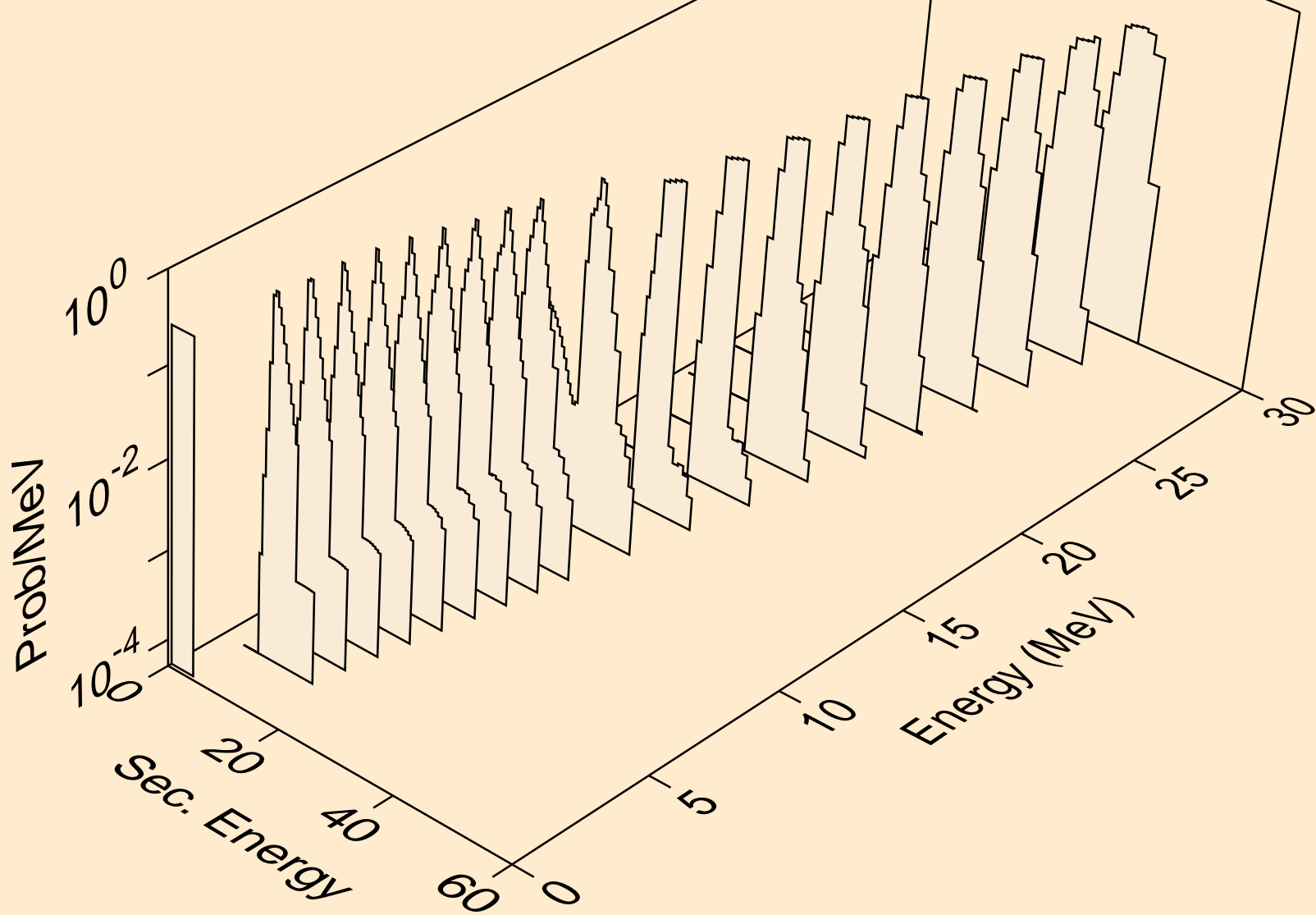
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alphas from (s,2n)2a



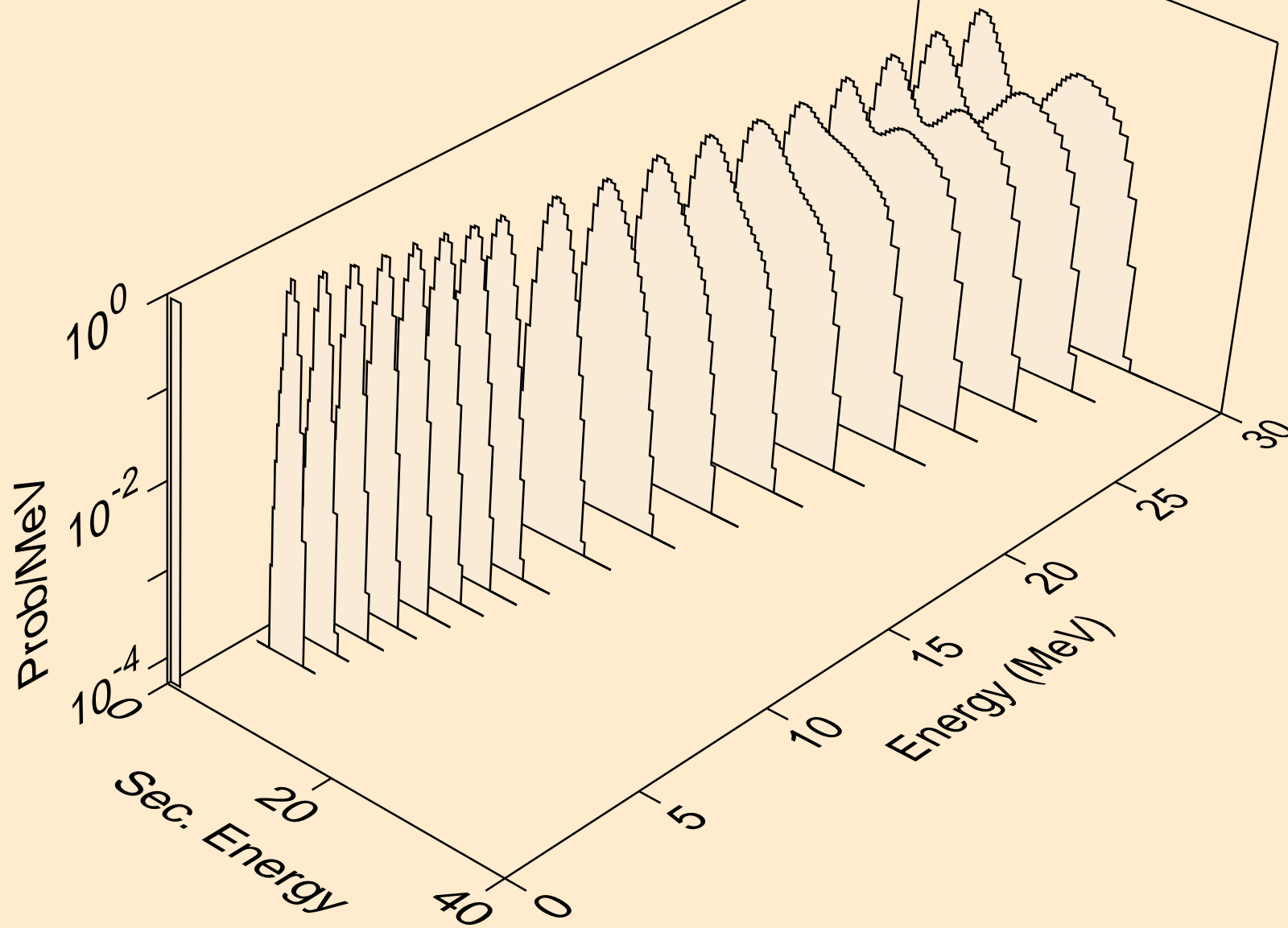
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alphas from (s,npa)



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

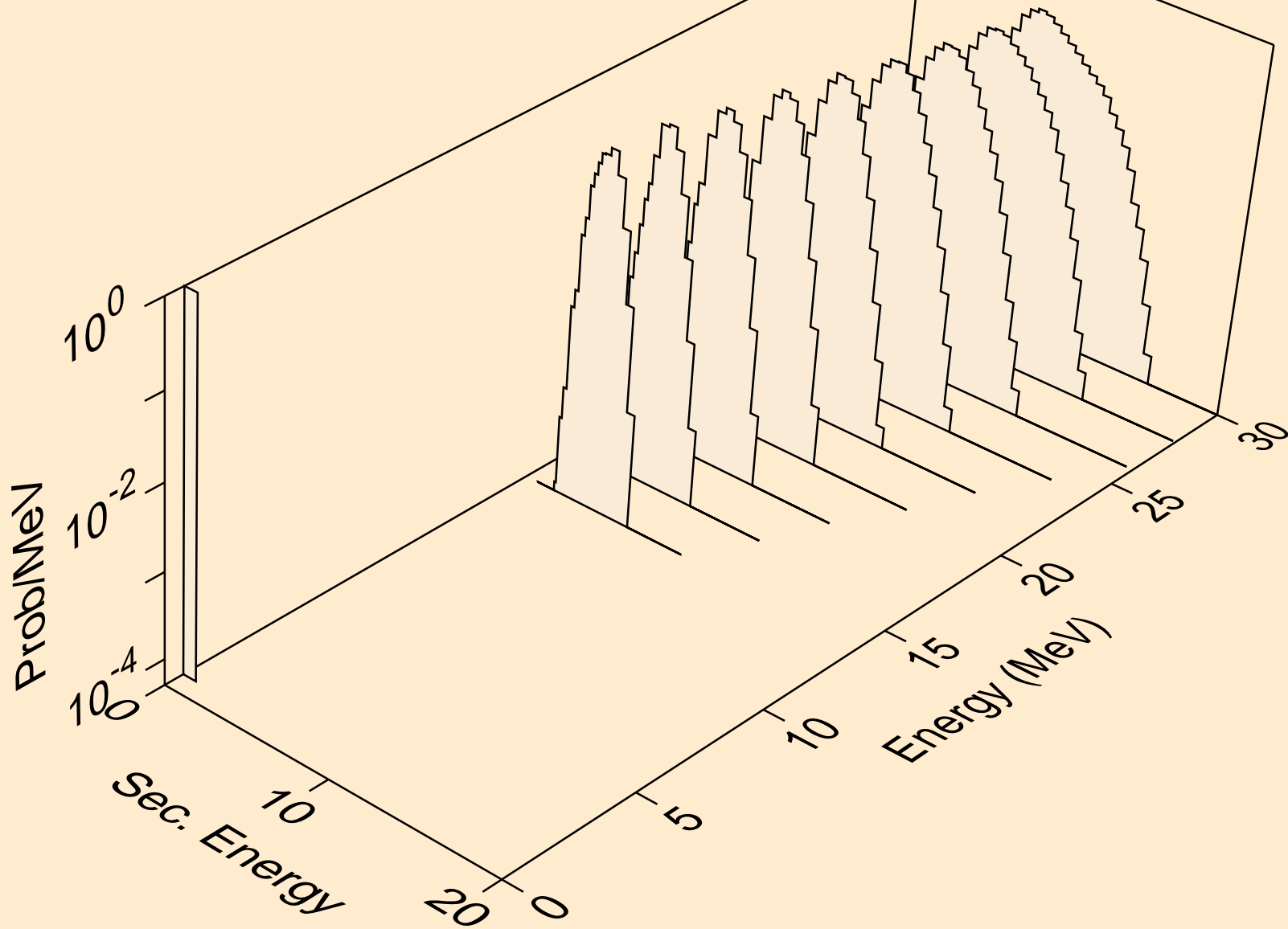


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alphas from (s,2a)

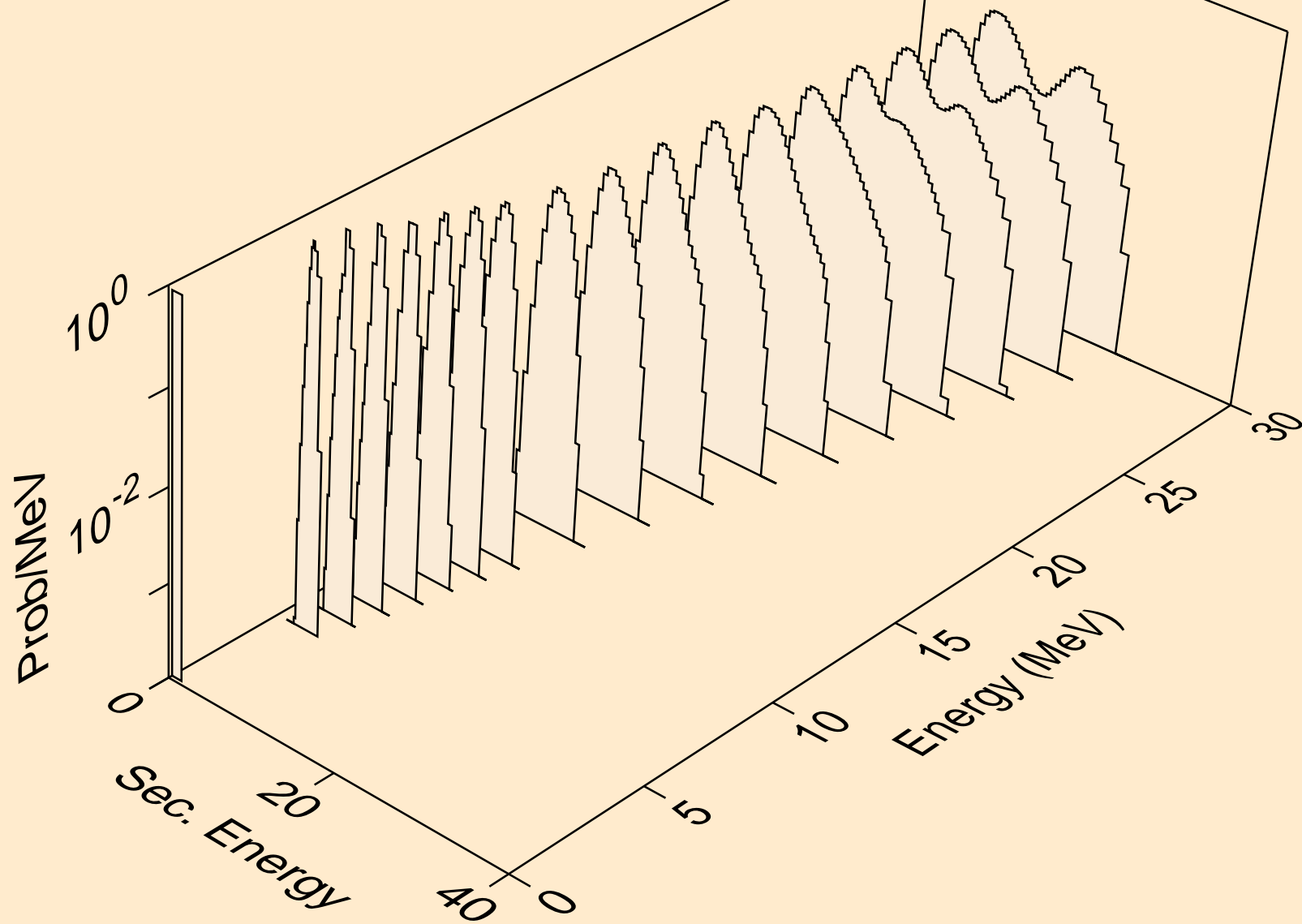




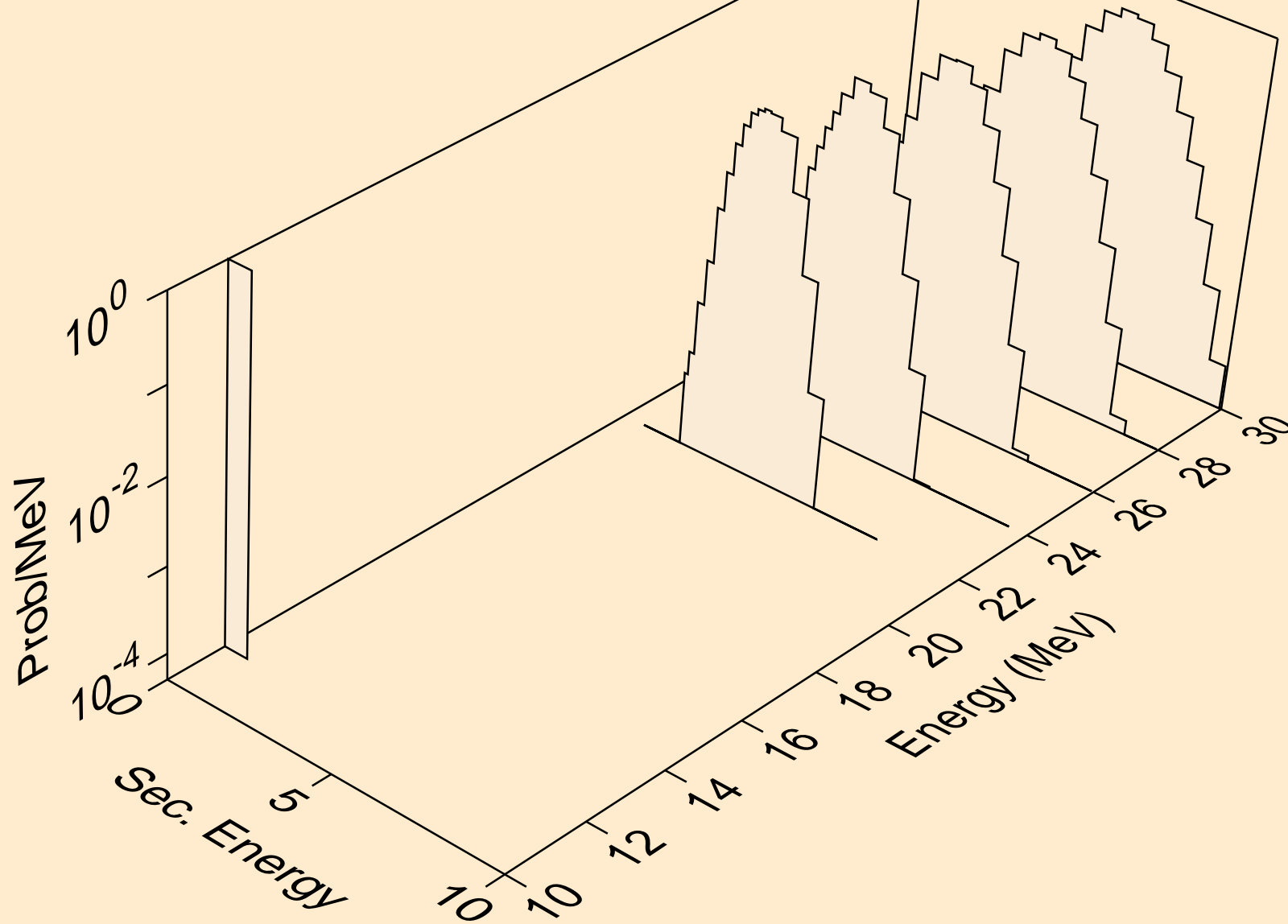
CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3a)



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,t2a)



CR057 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

