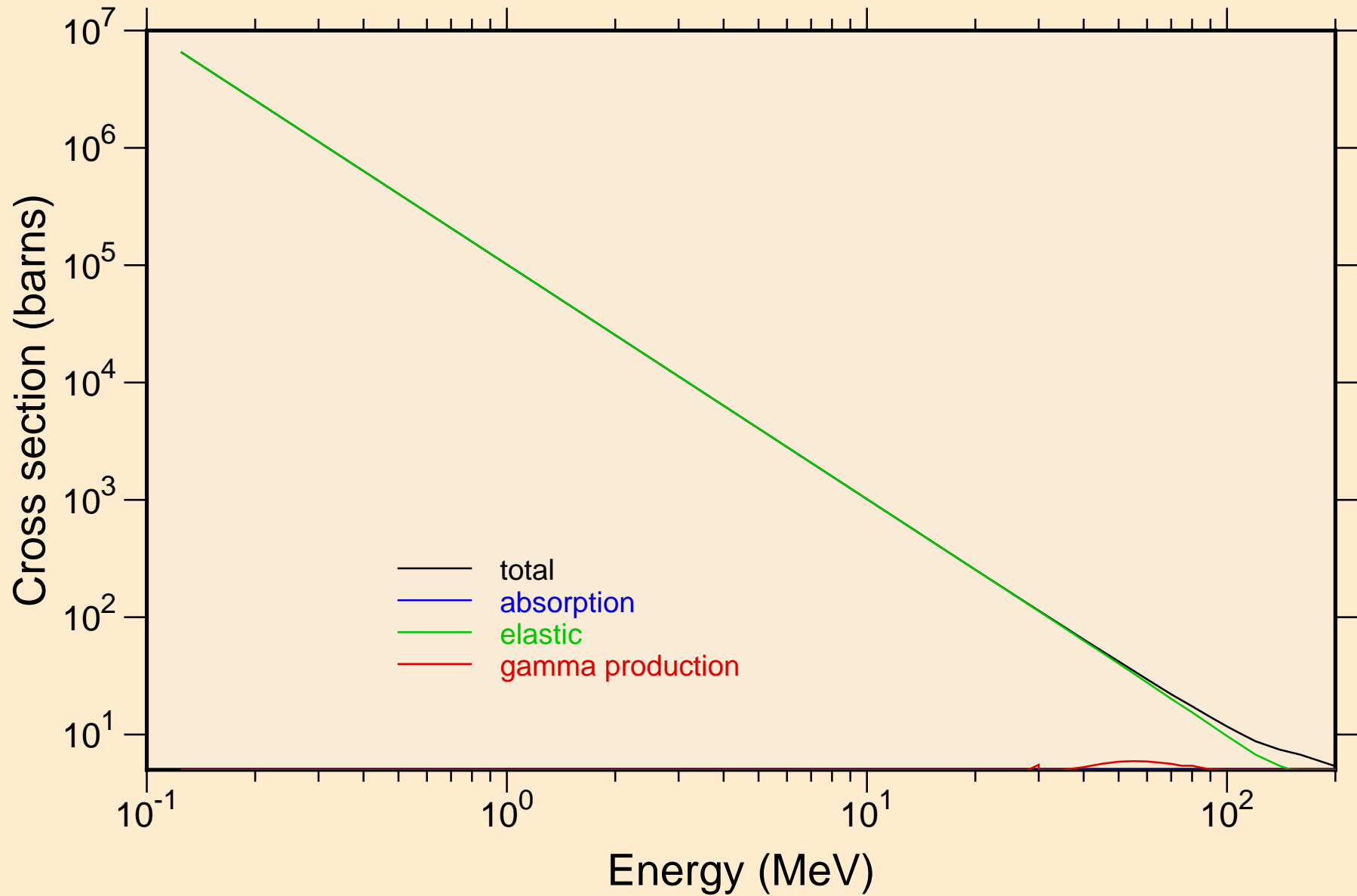
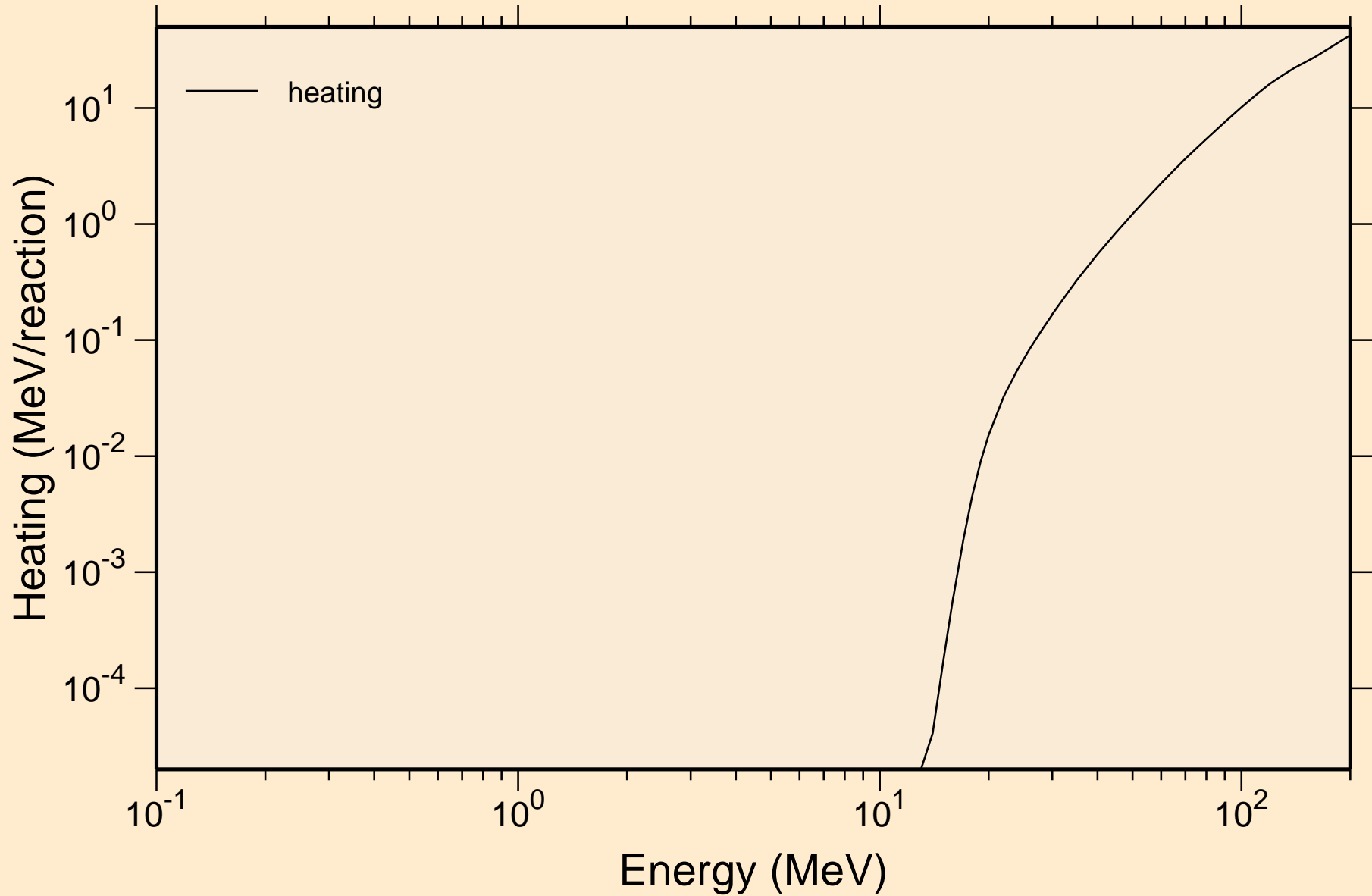


EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



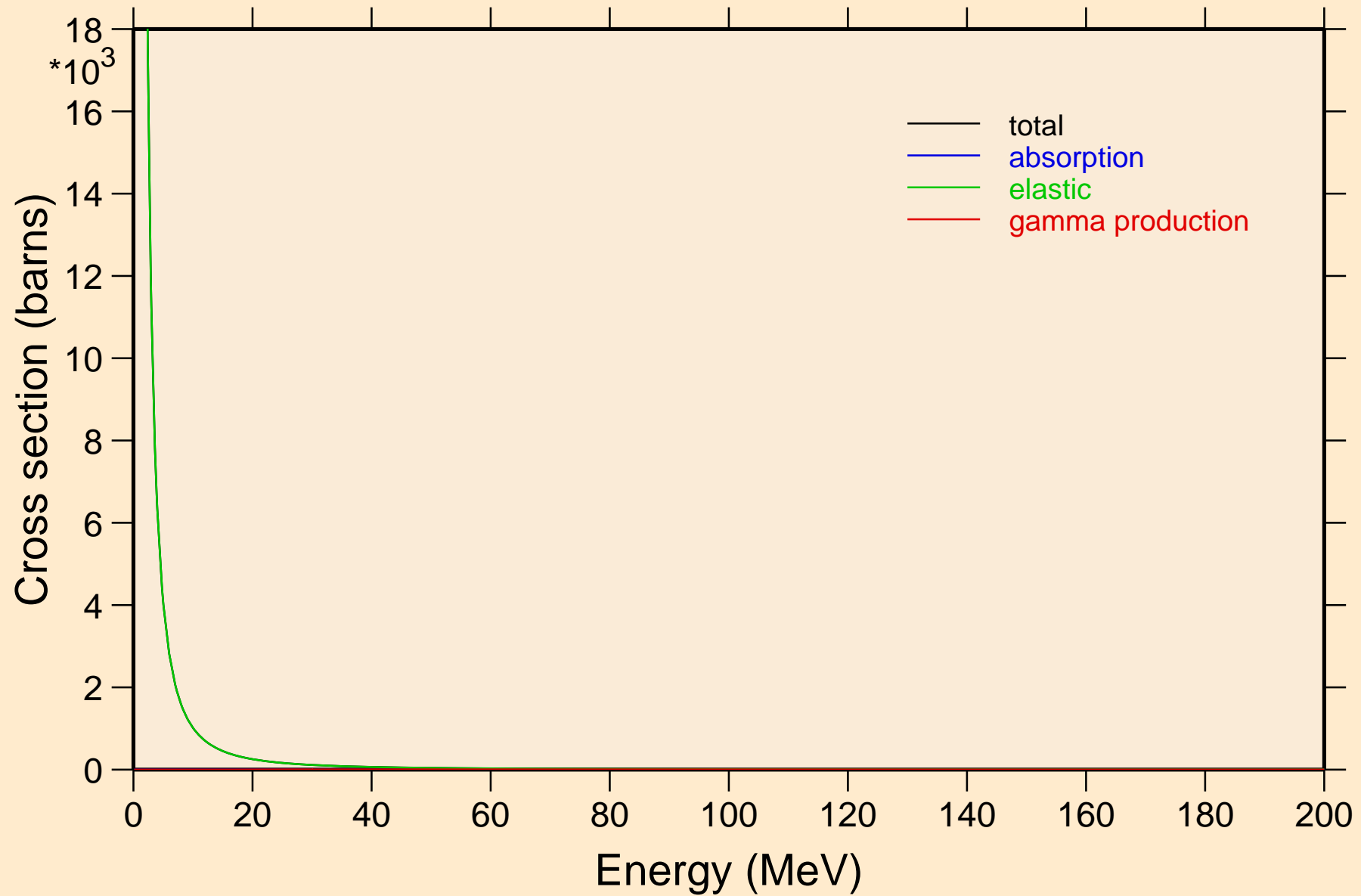
# EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



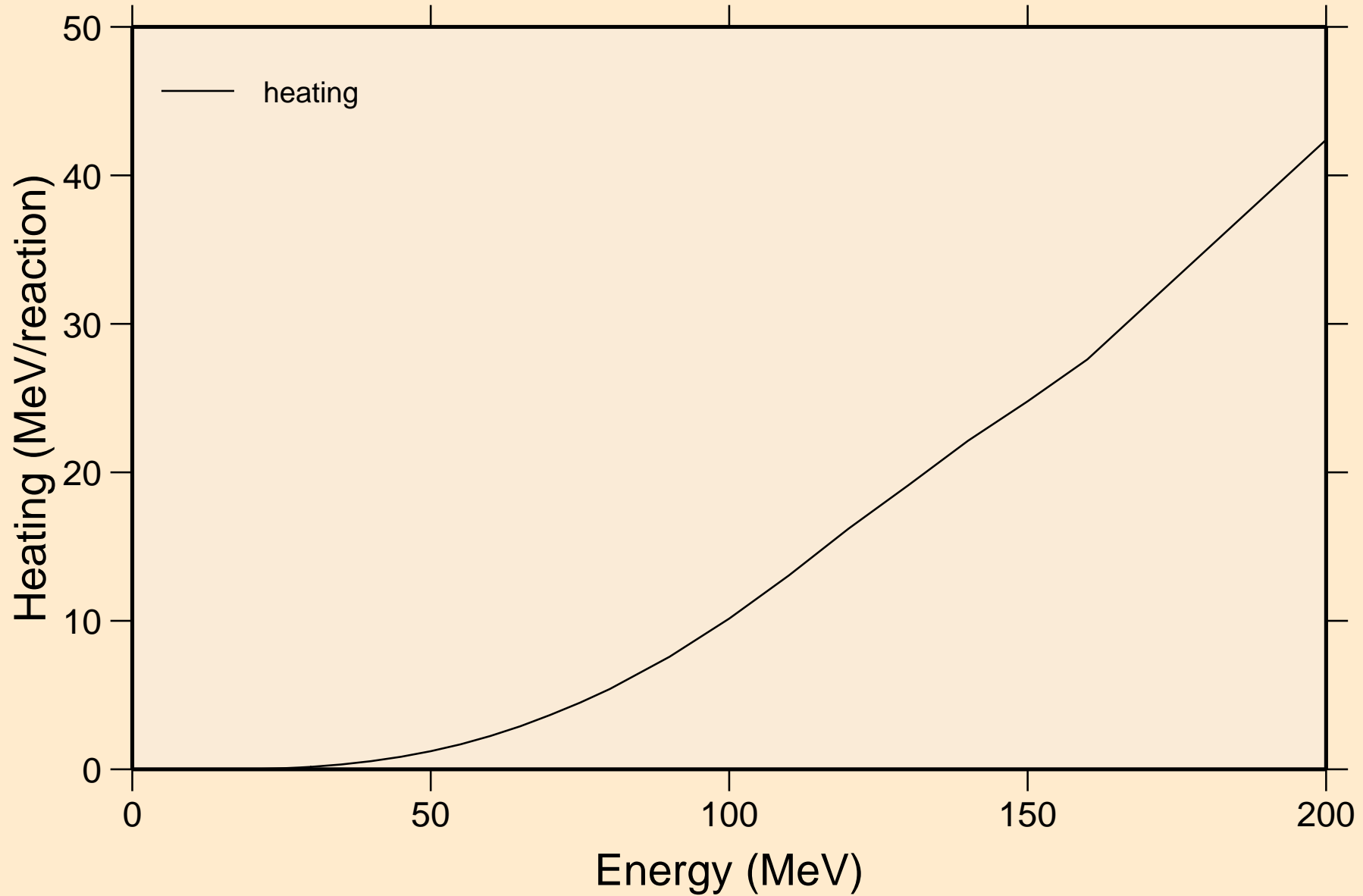
# EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

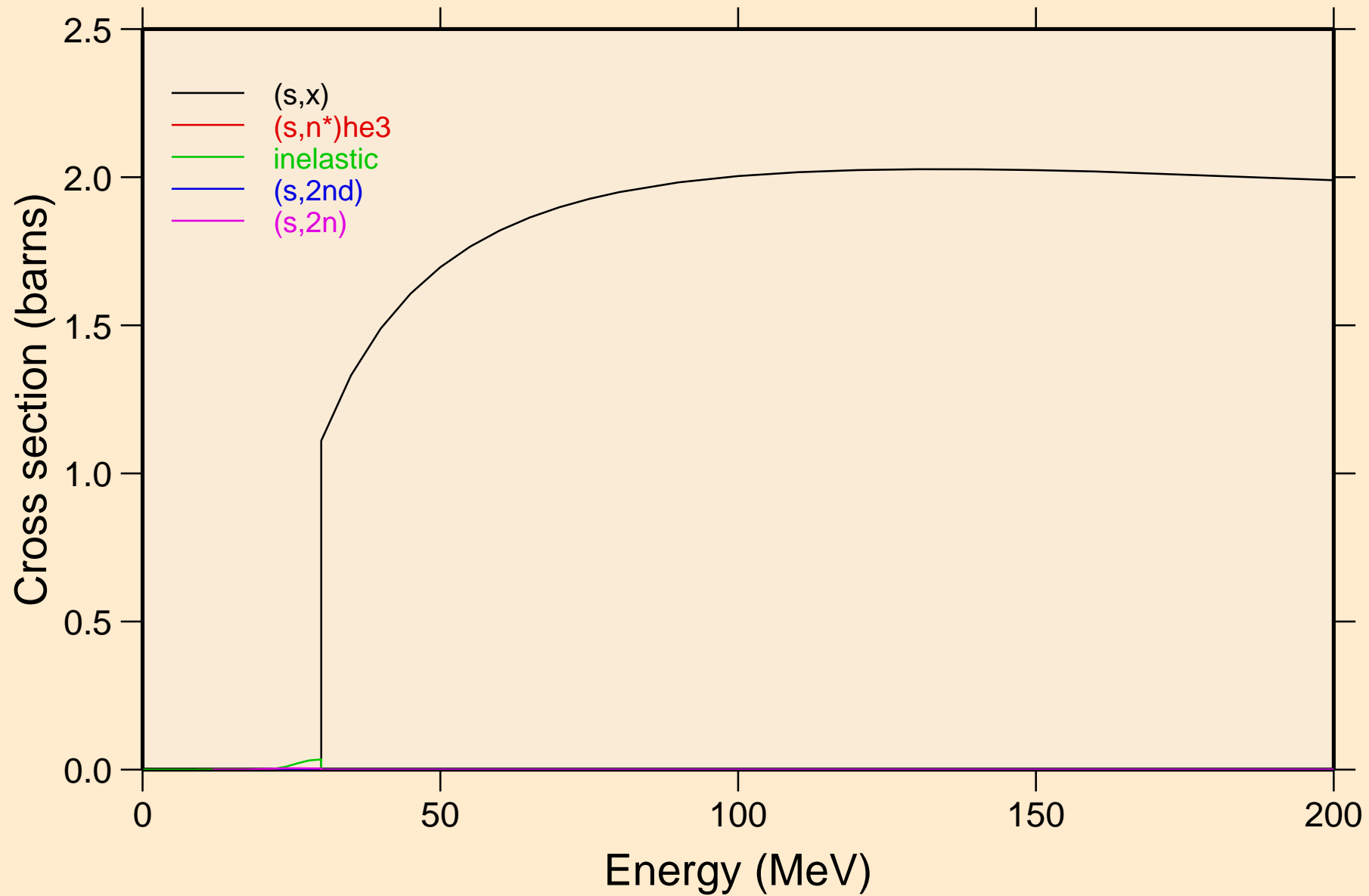


# EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K

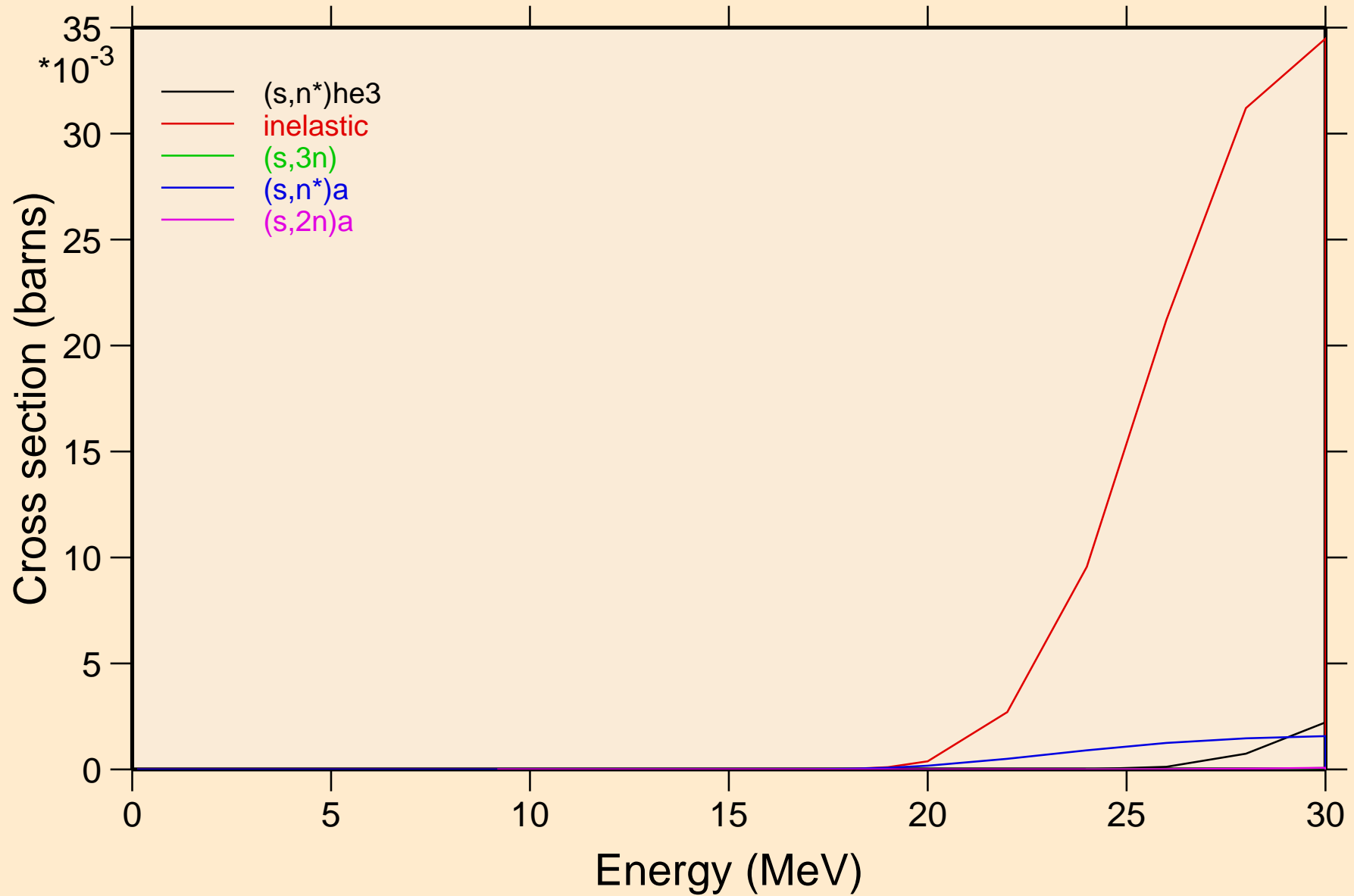
## Heating



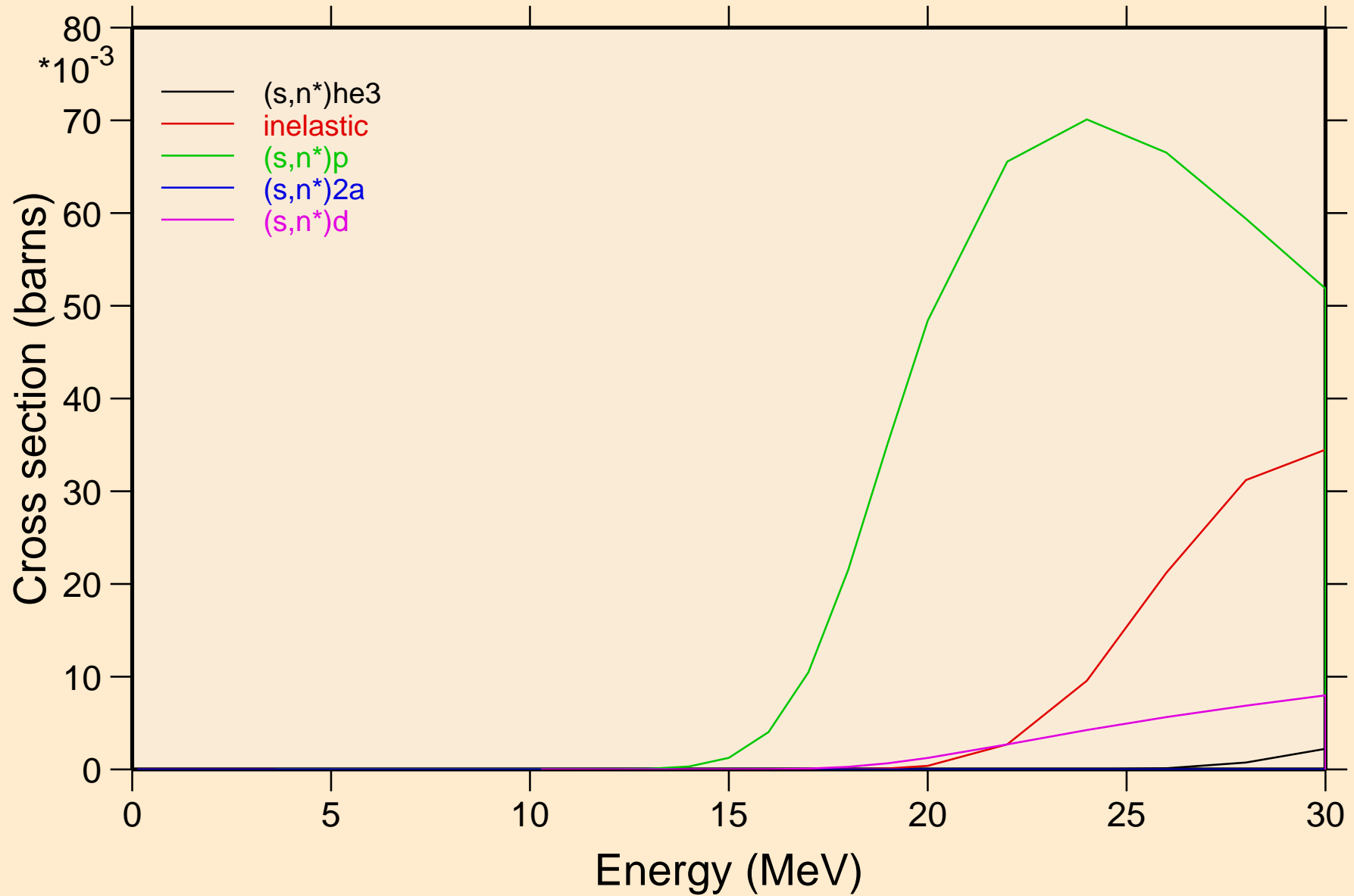
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



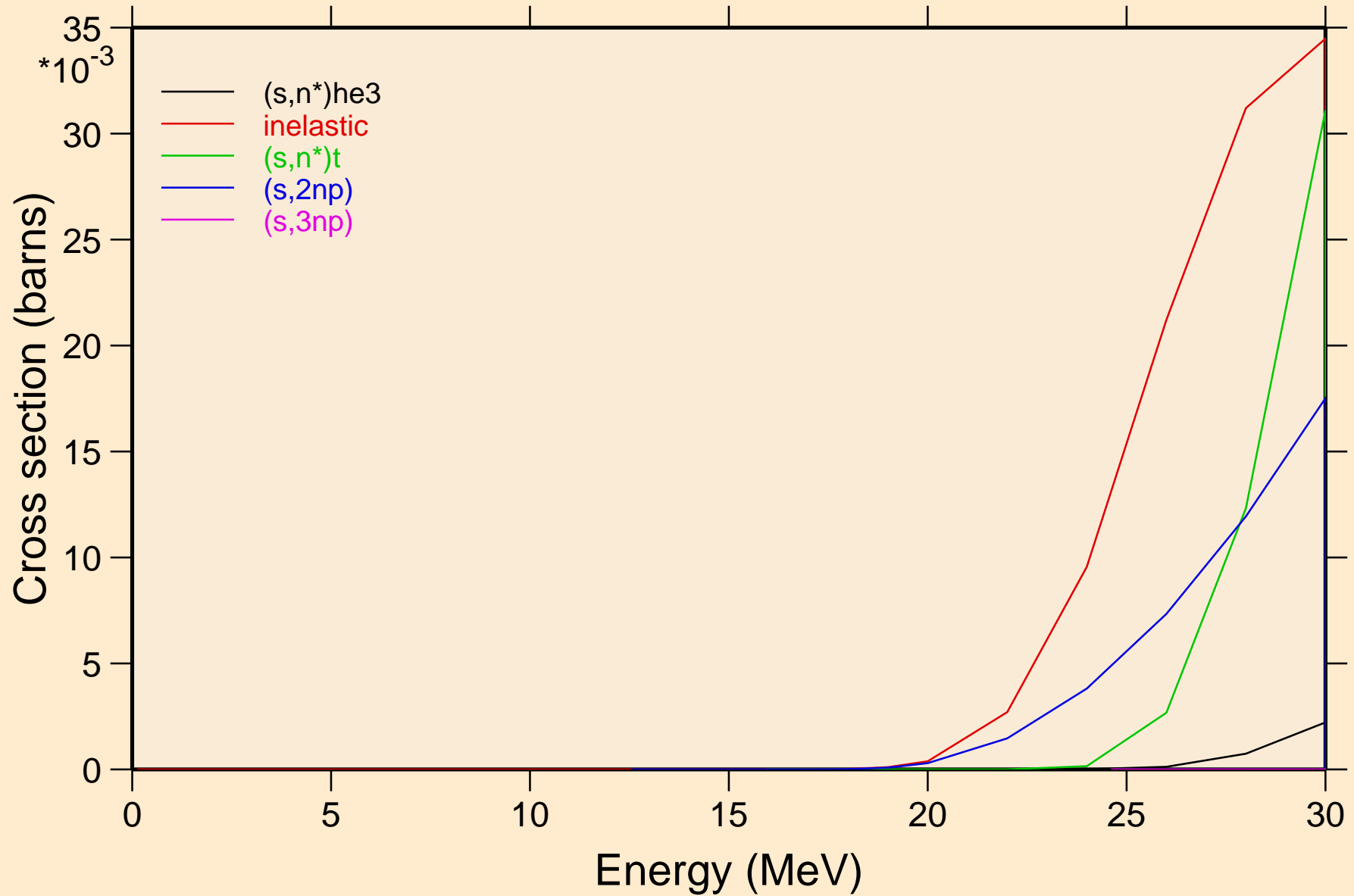
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



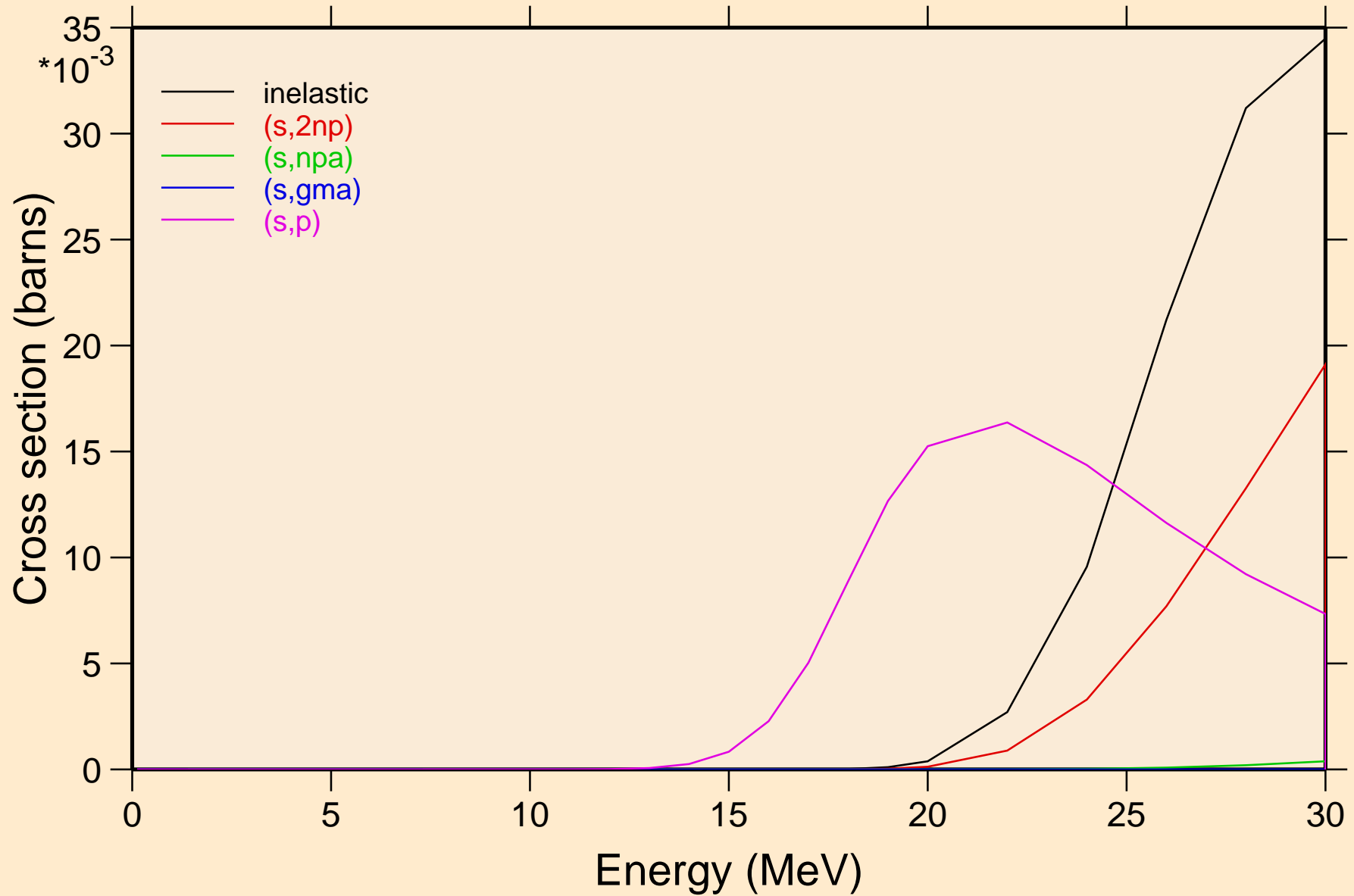
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



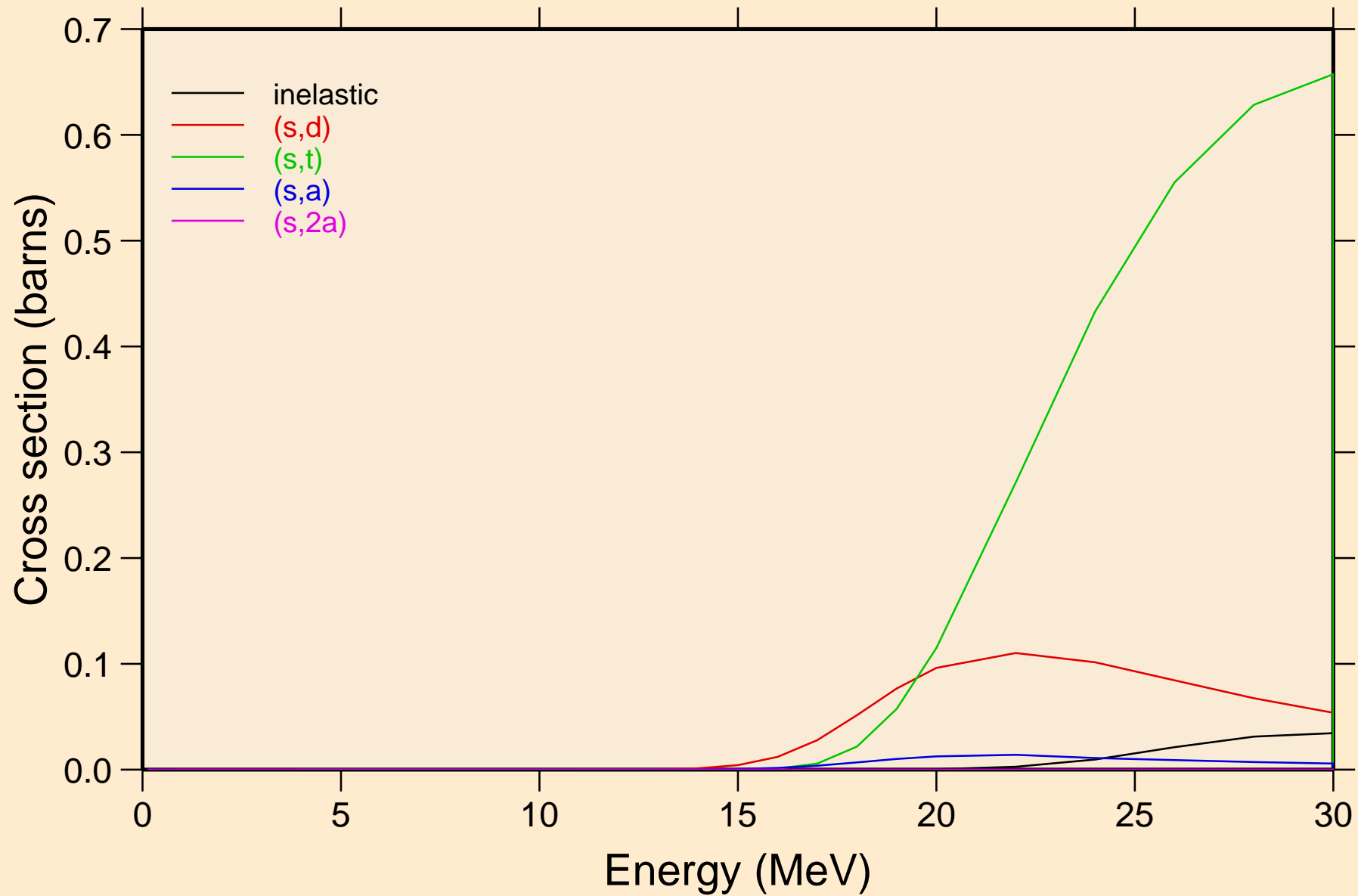


# EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

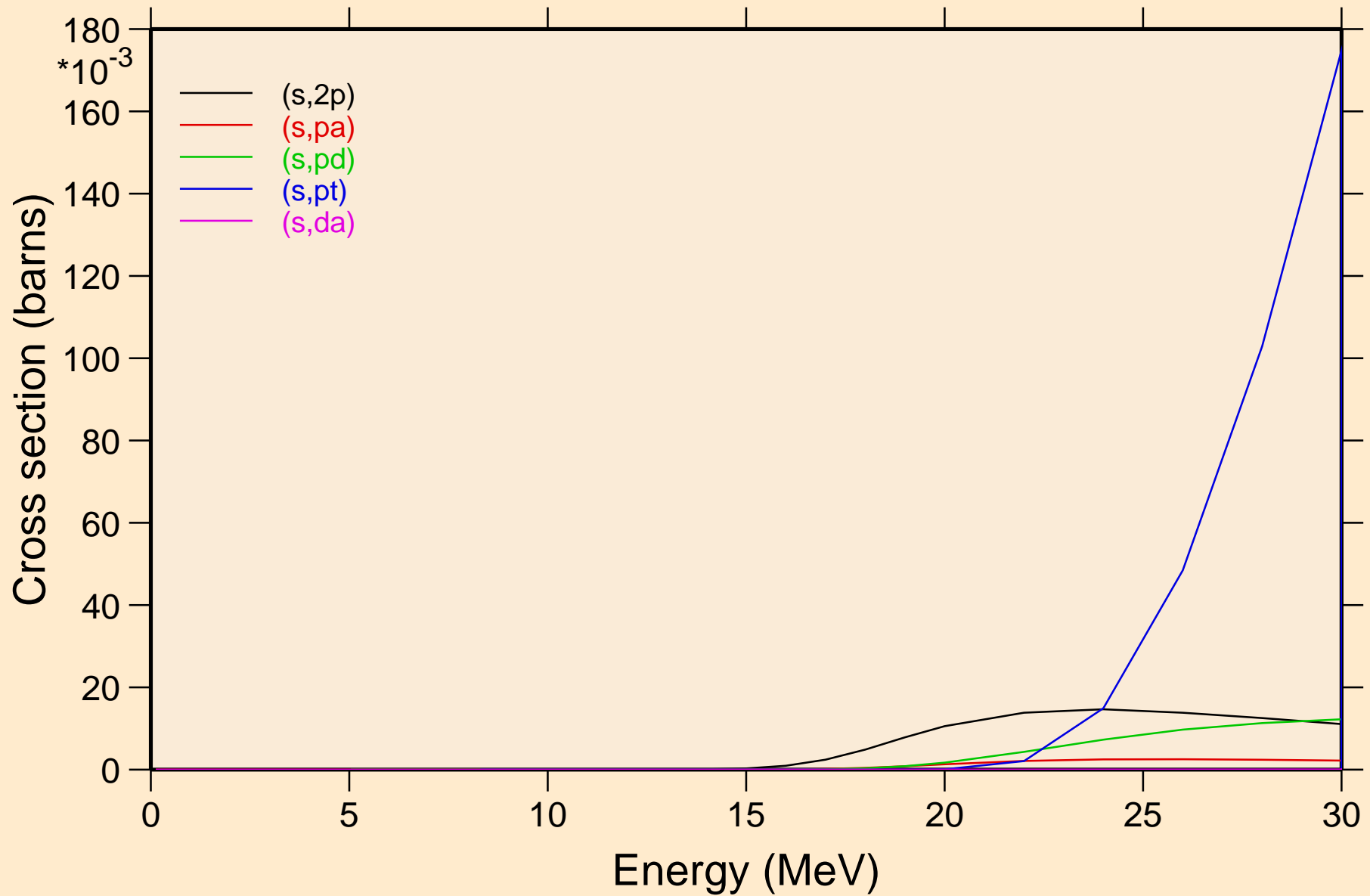


EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

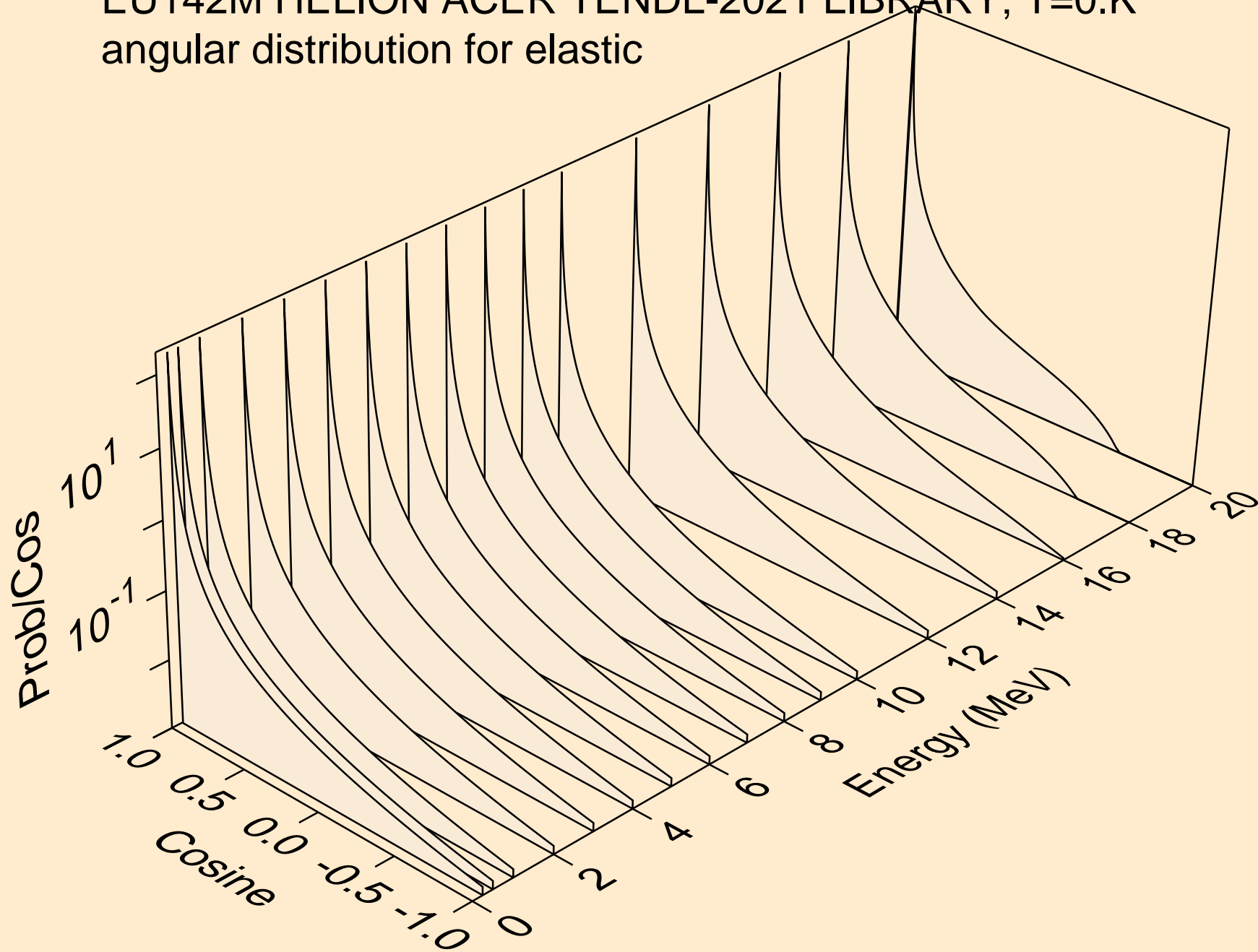


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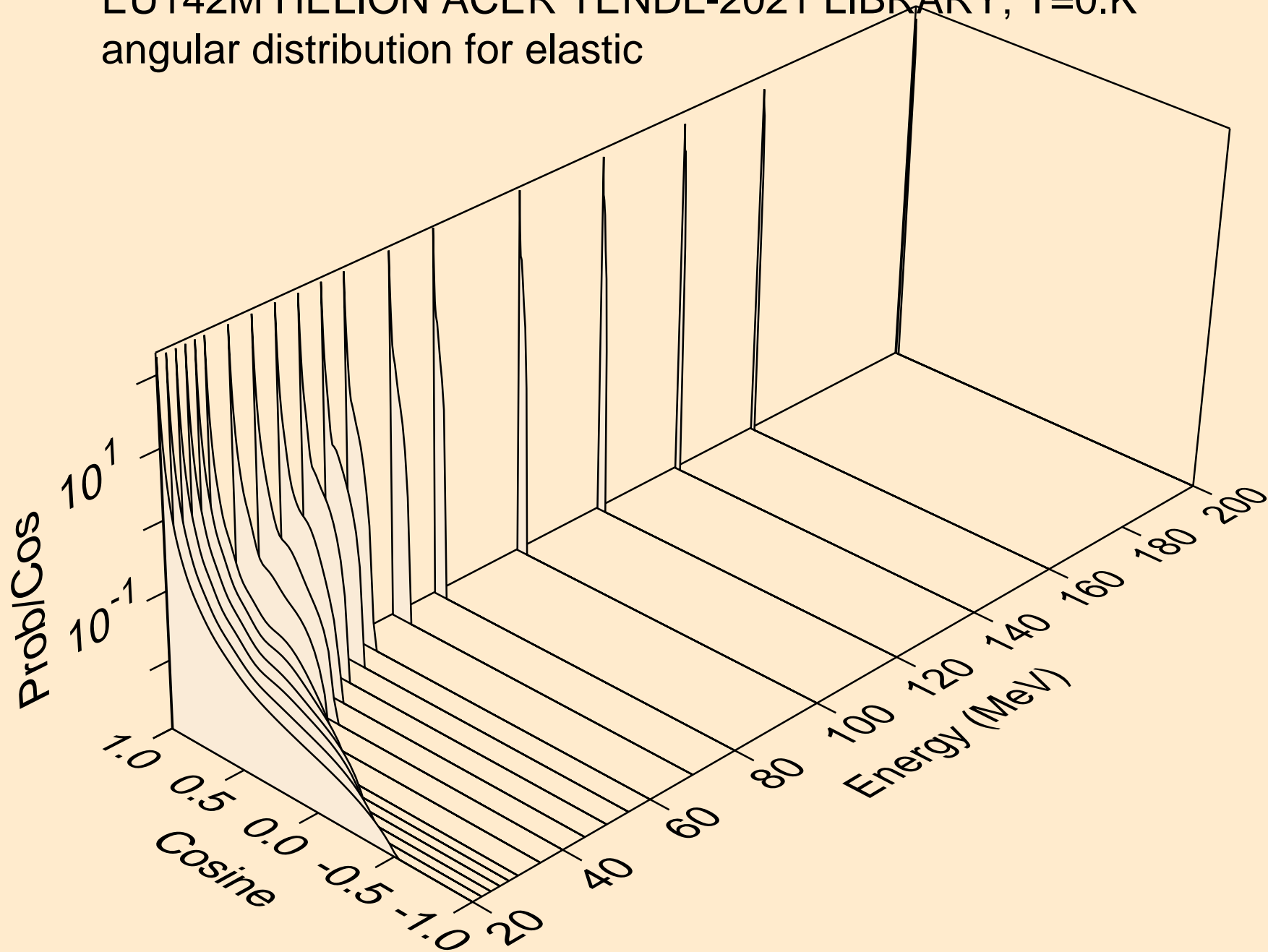
## Threshold reactions



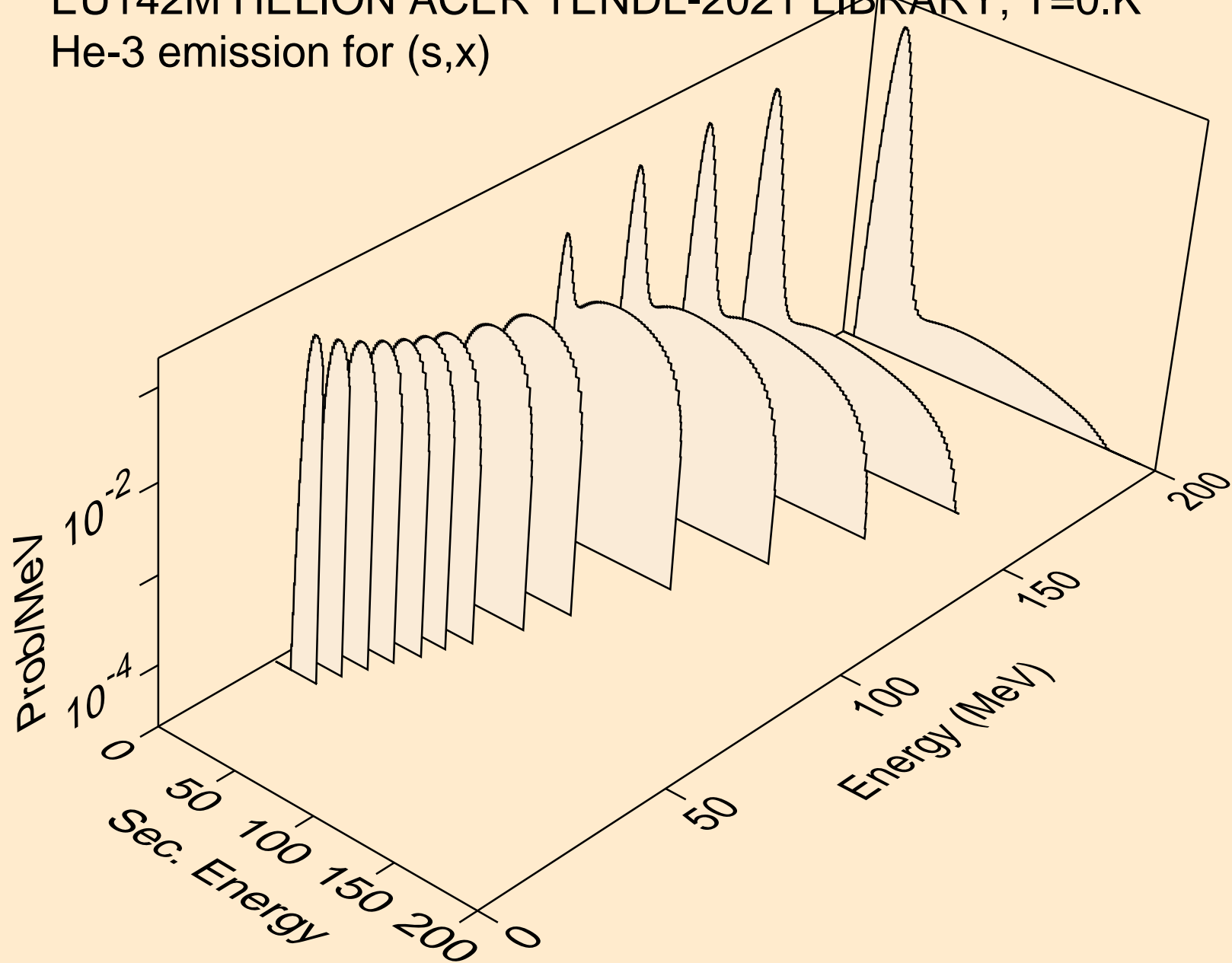
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



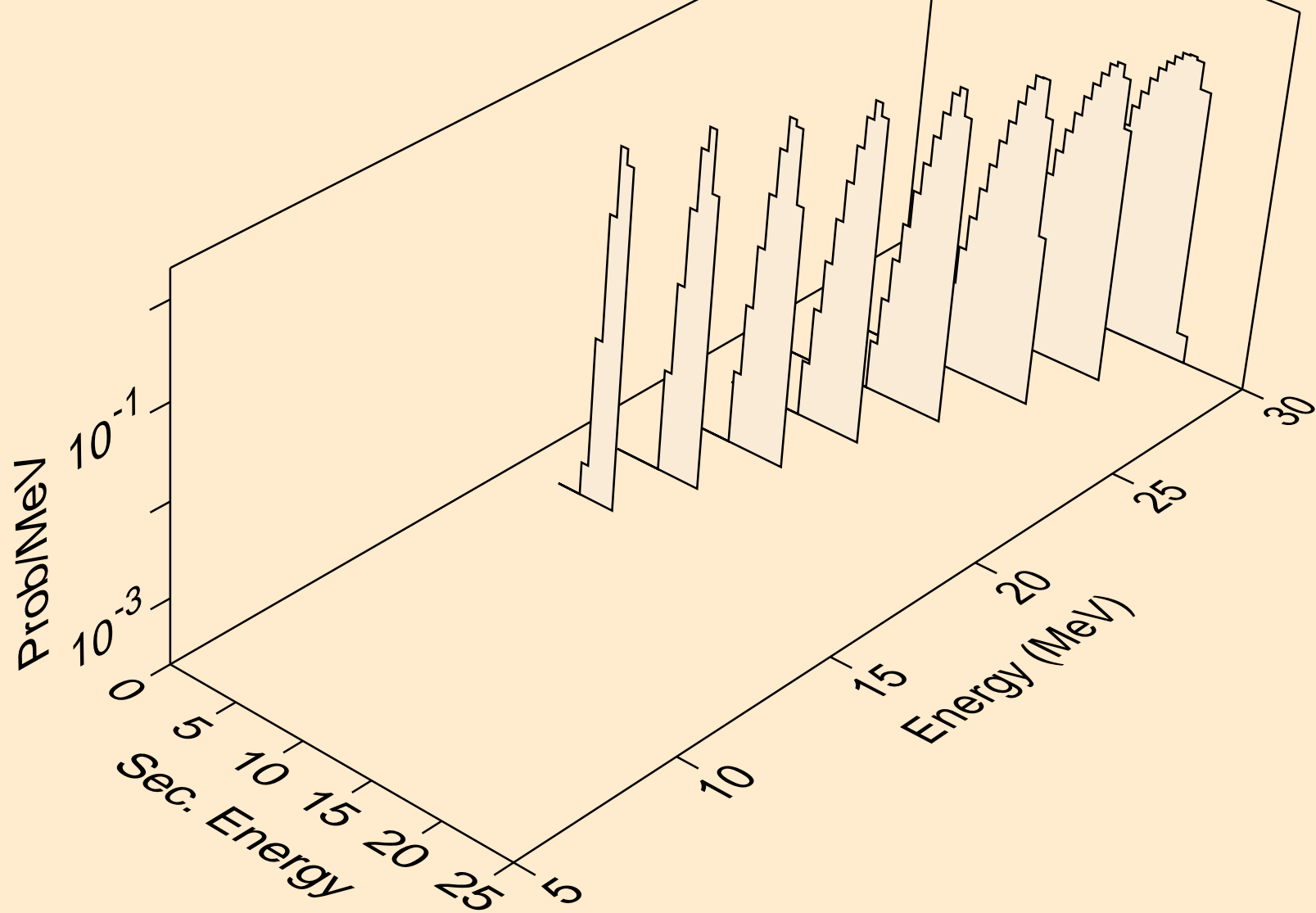
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



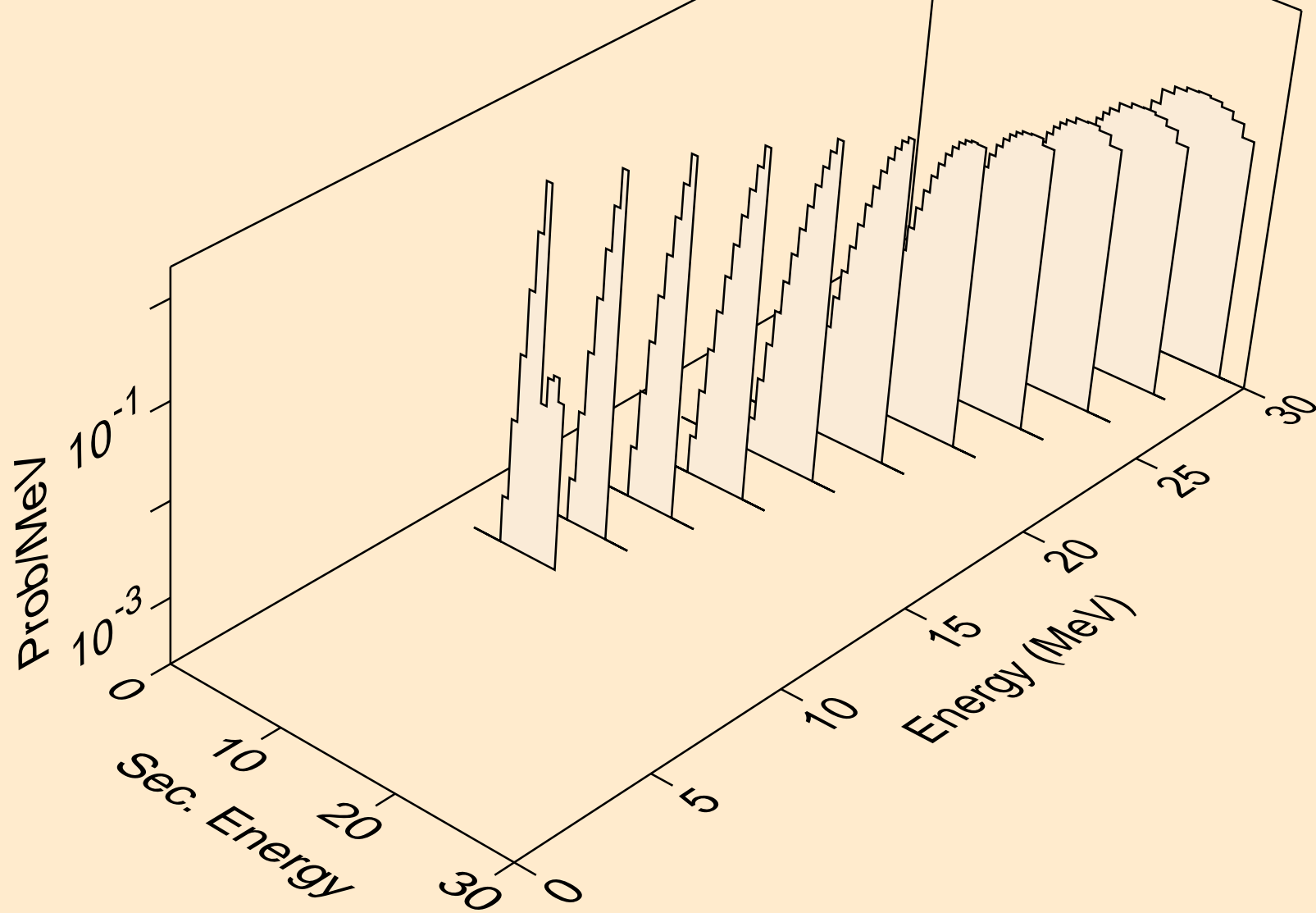
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

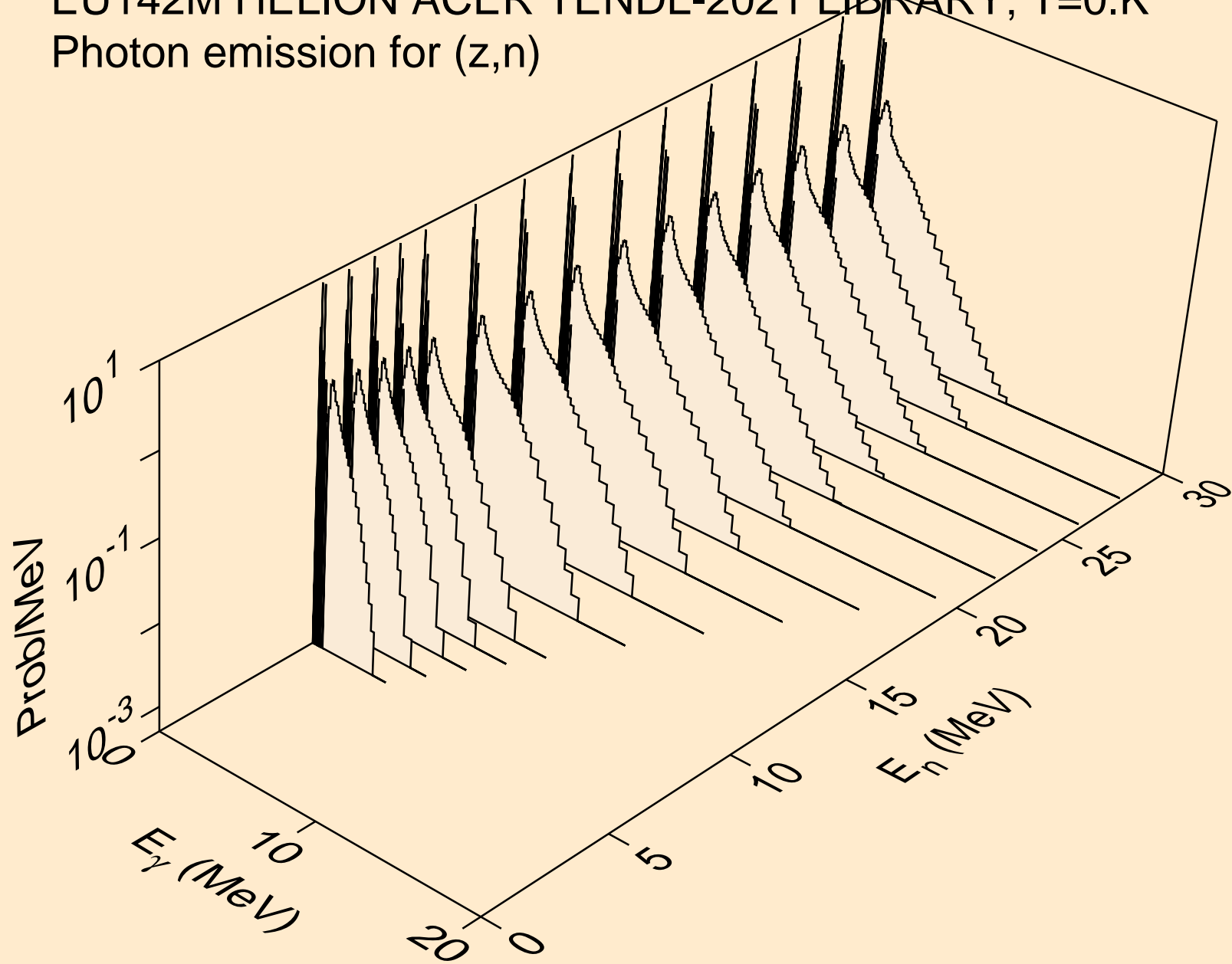


EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

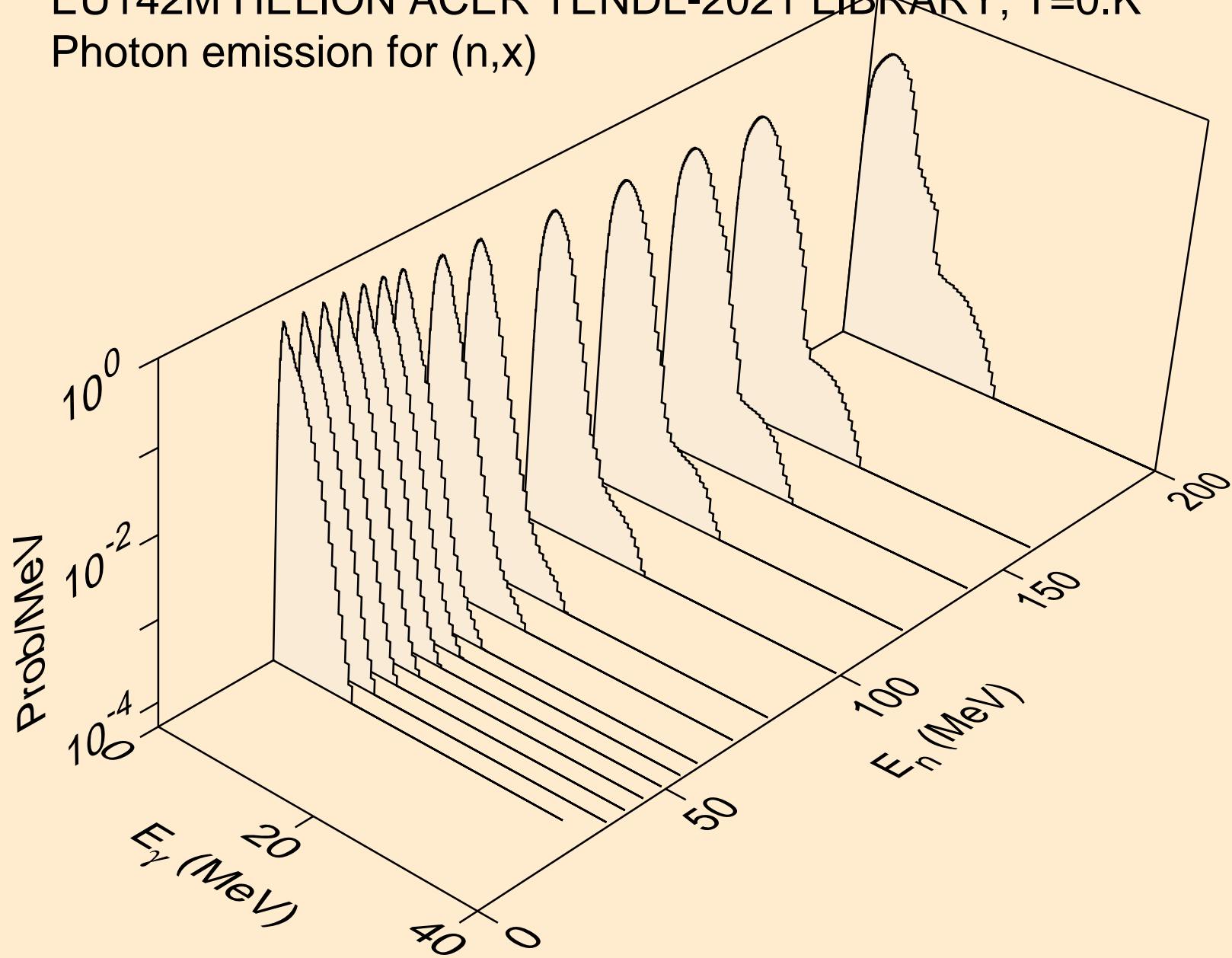




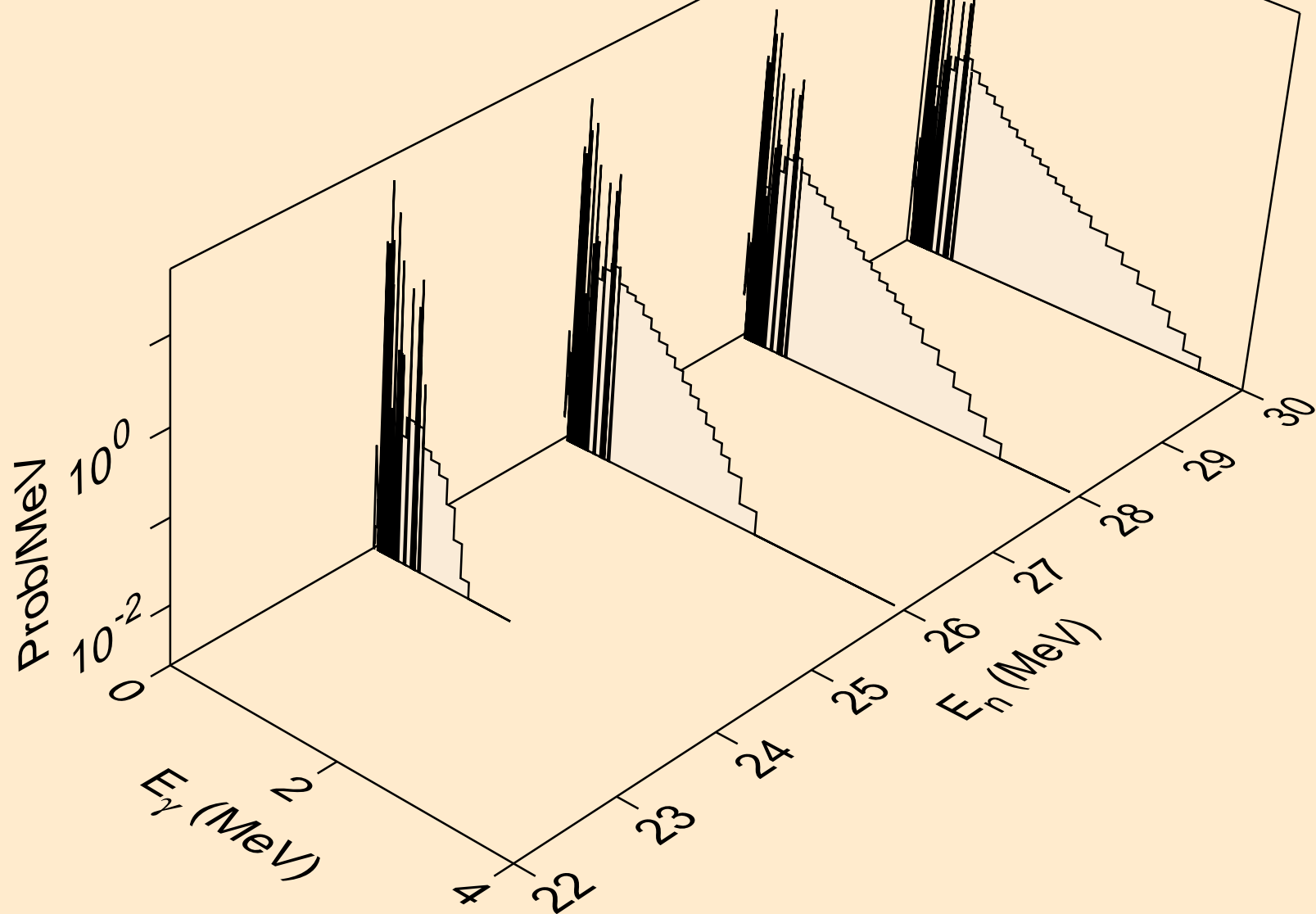
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



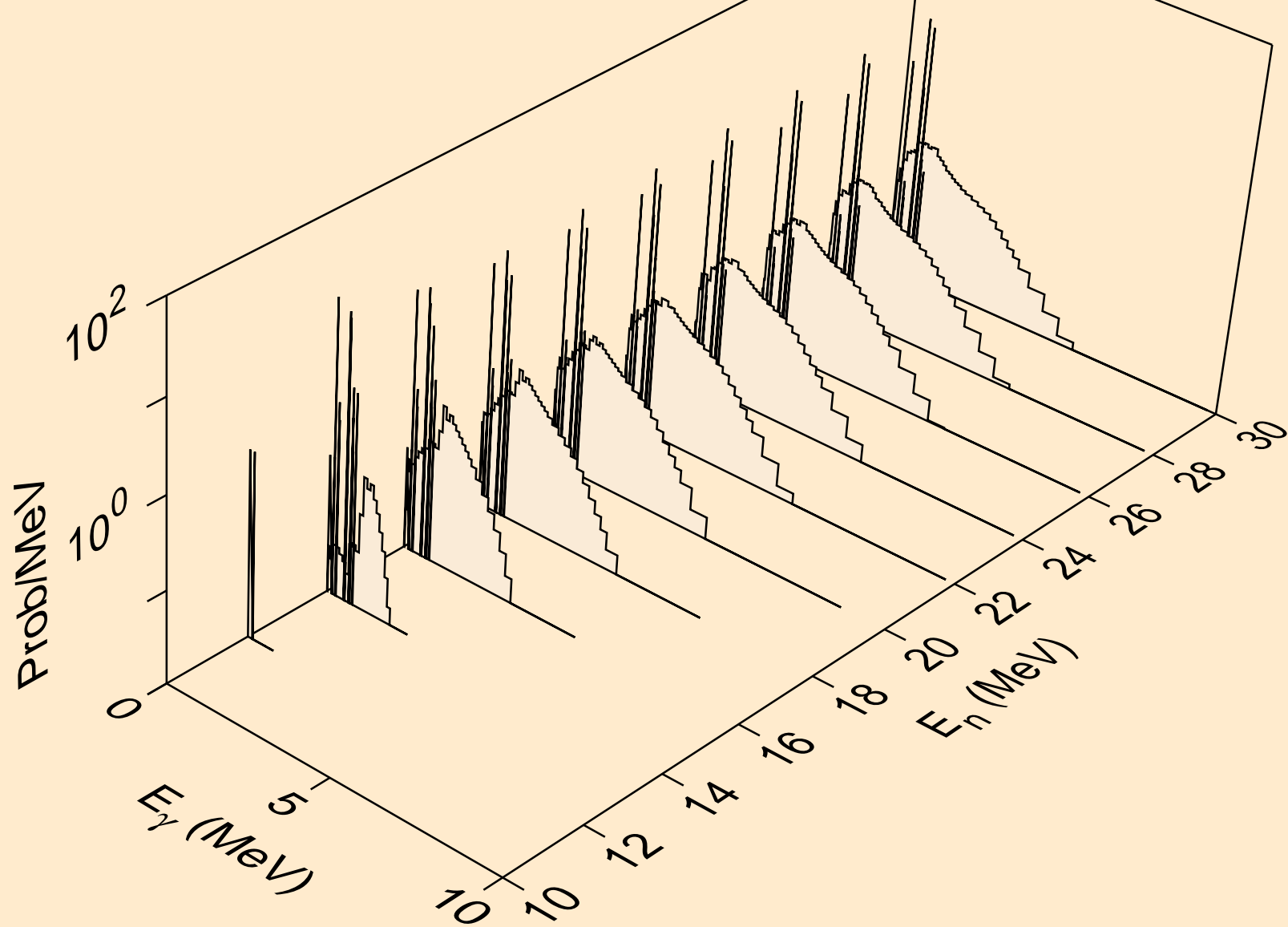
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Photon emission for (n,x)



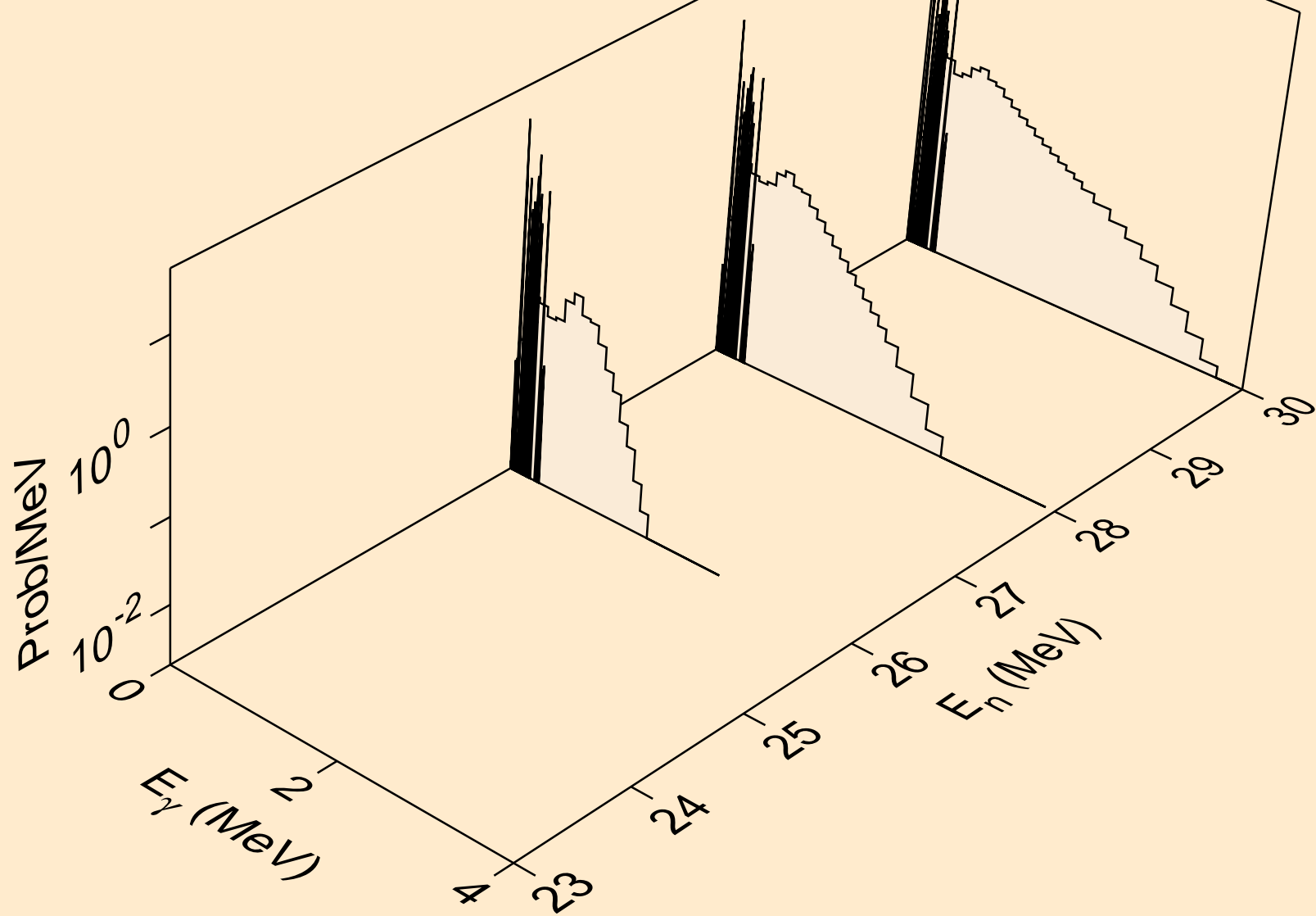
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



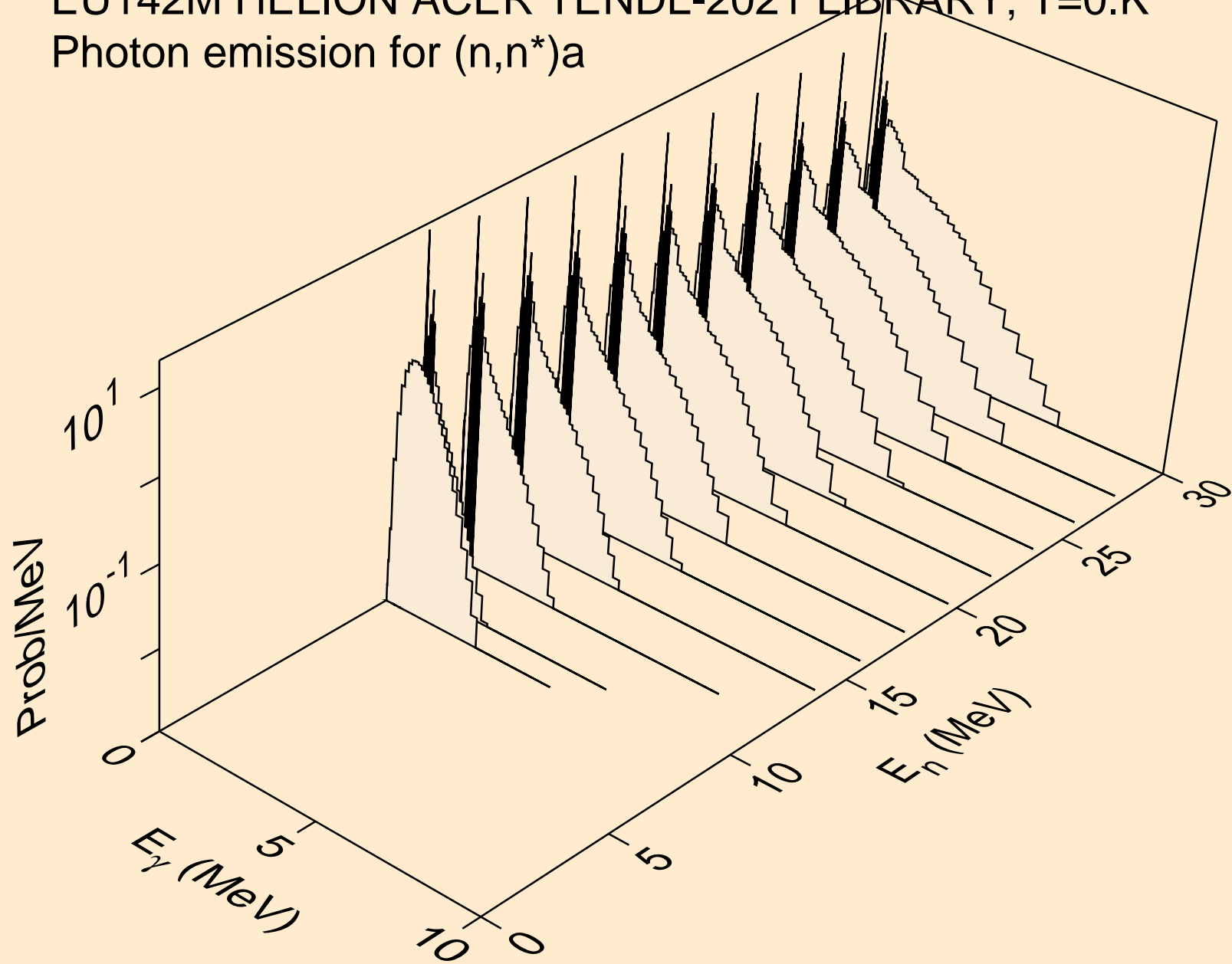
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



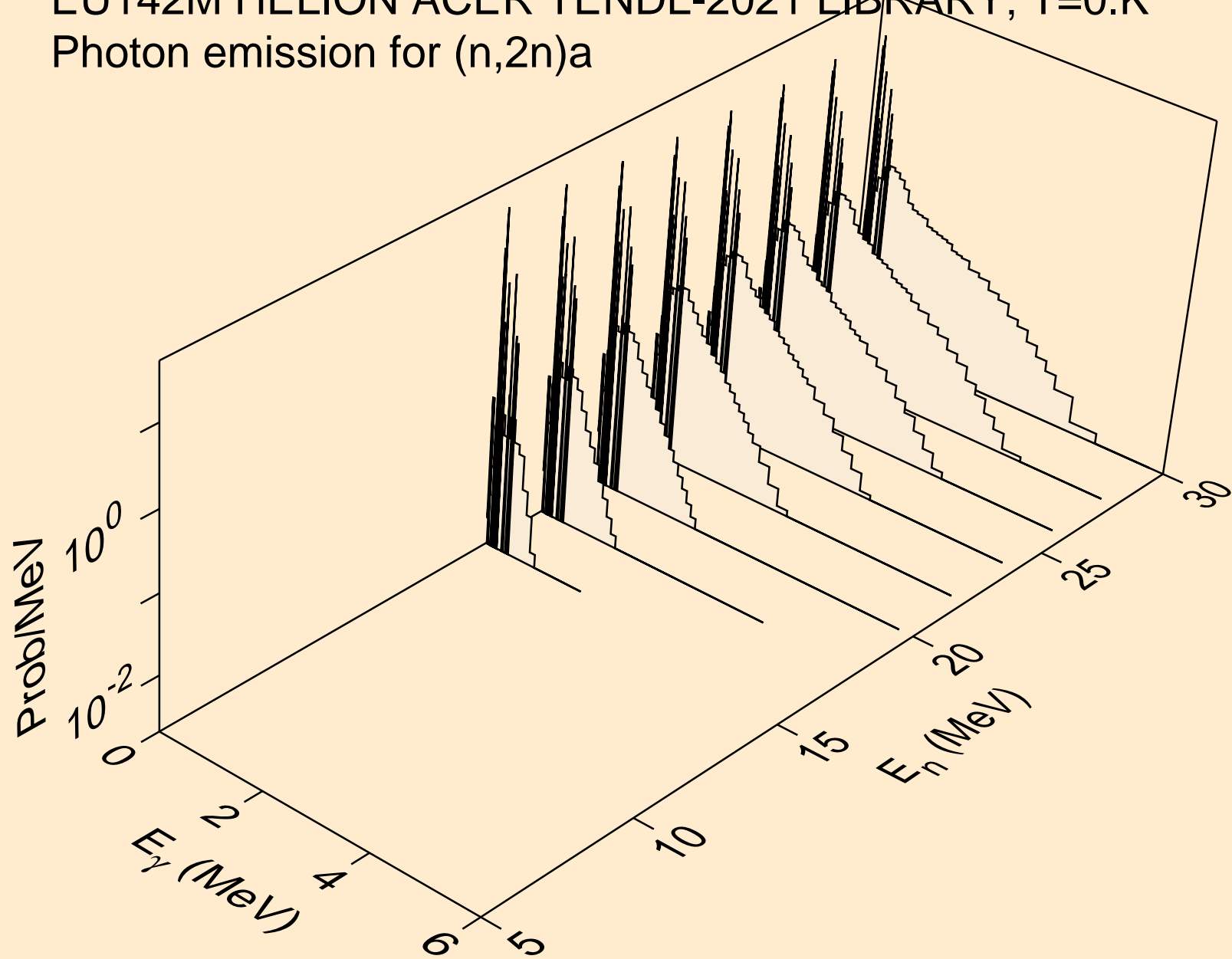
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



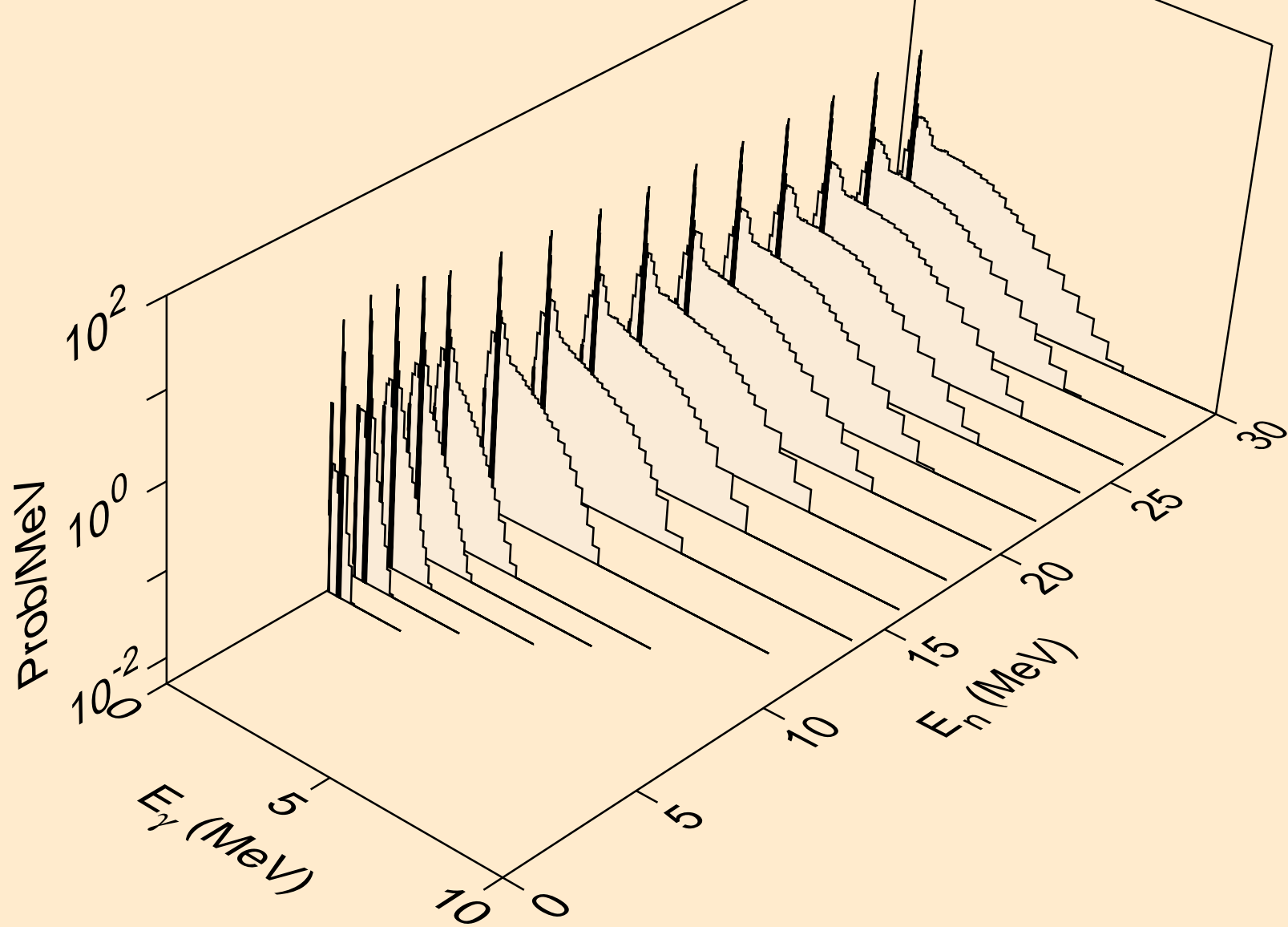
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

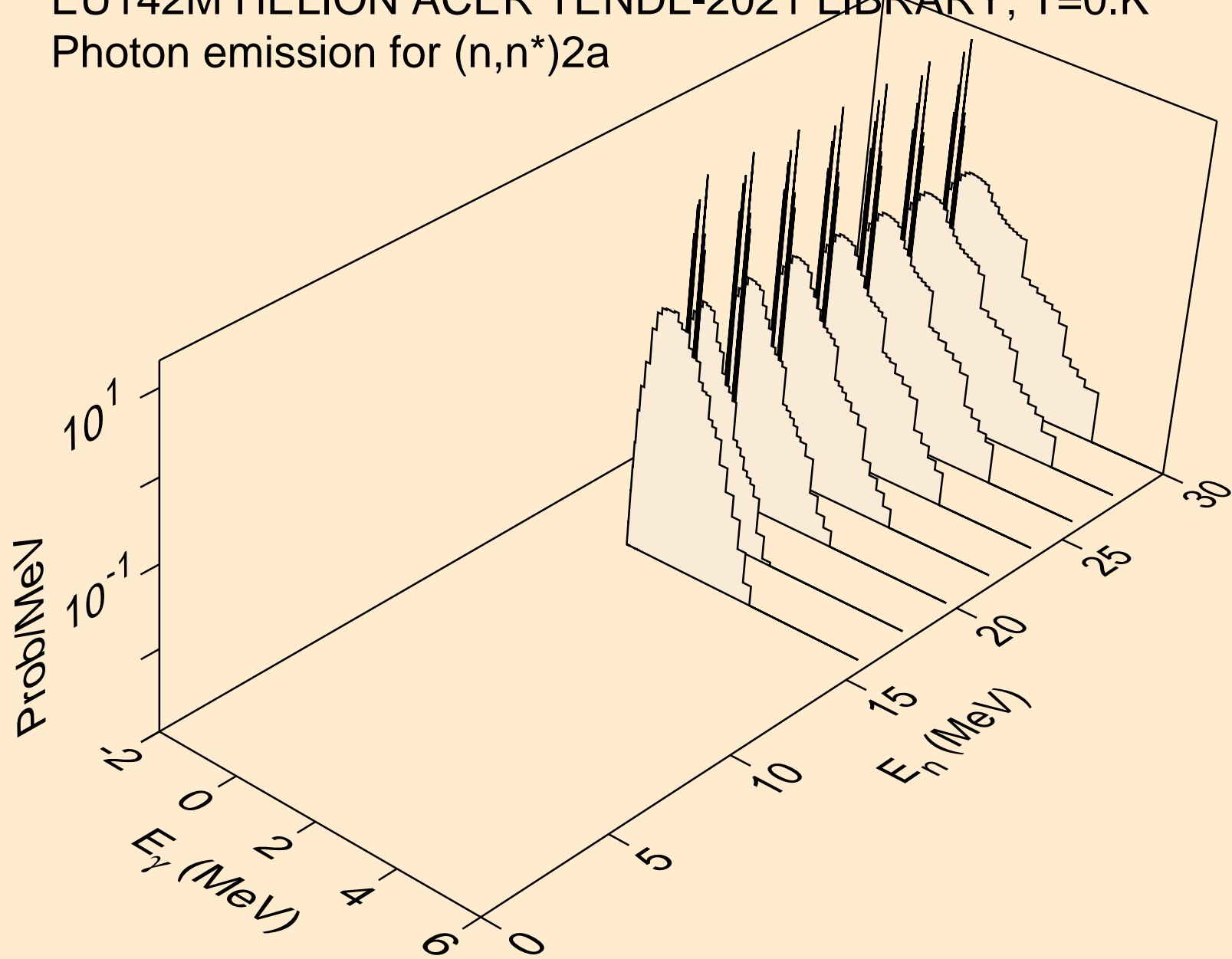


EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

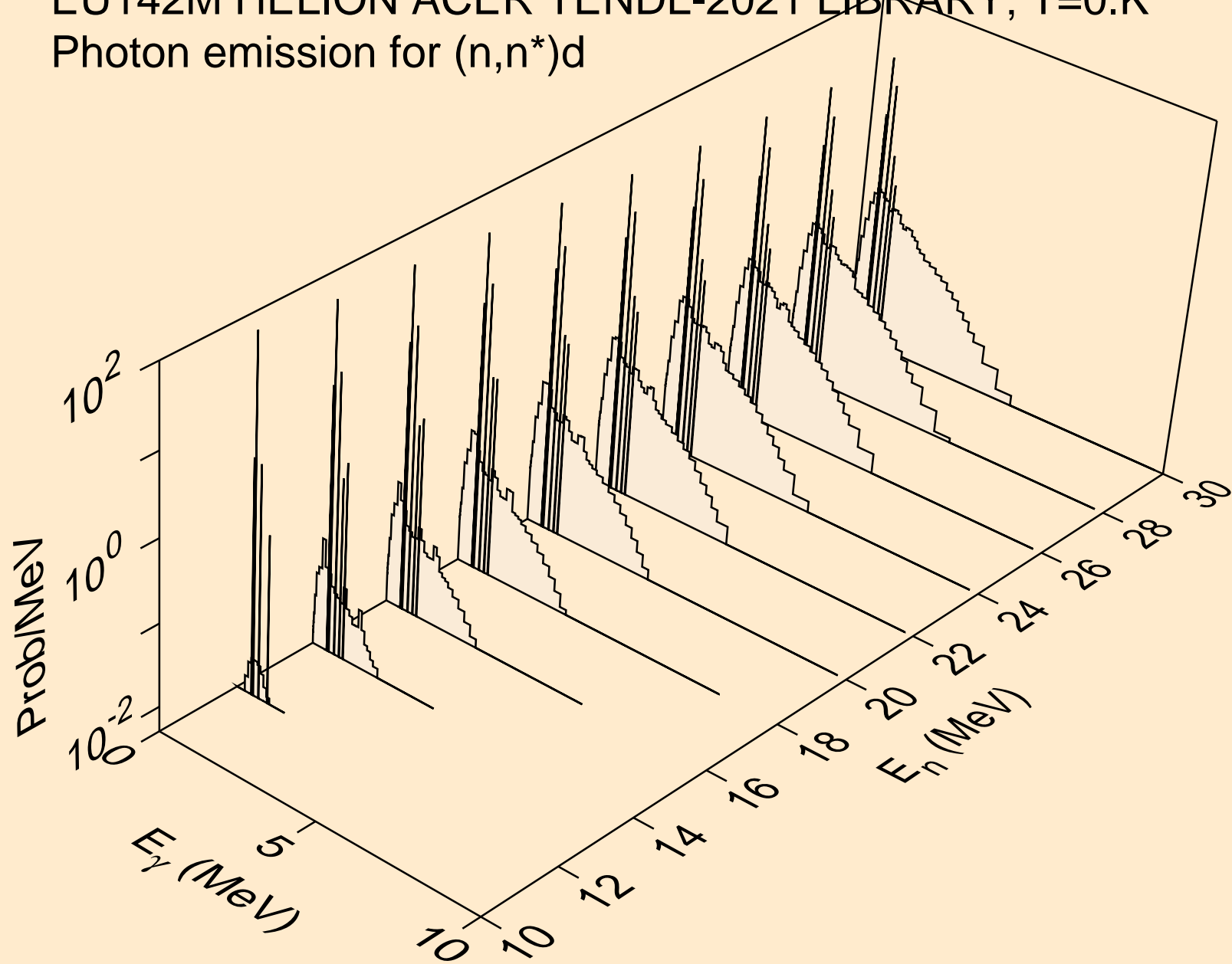




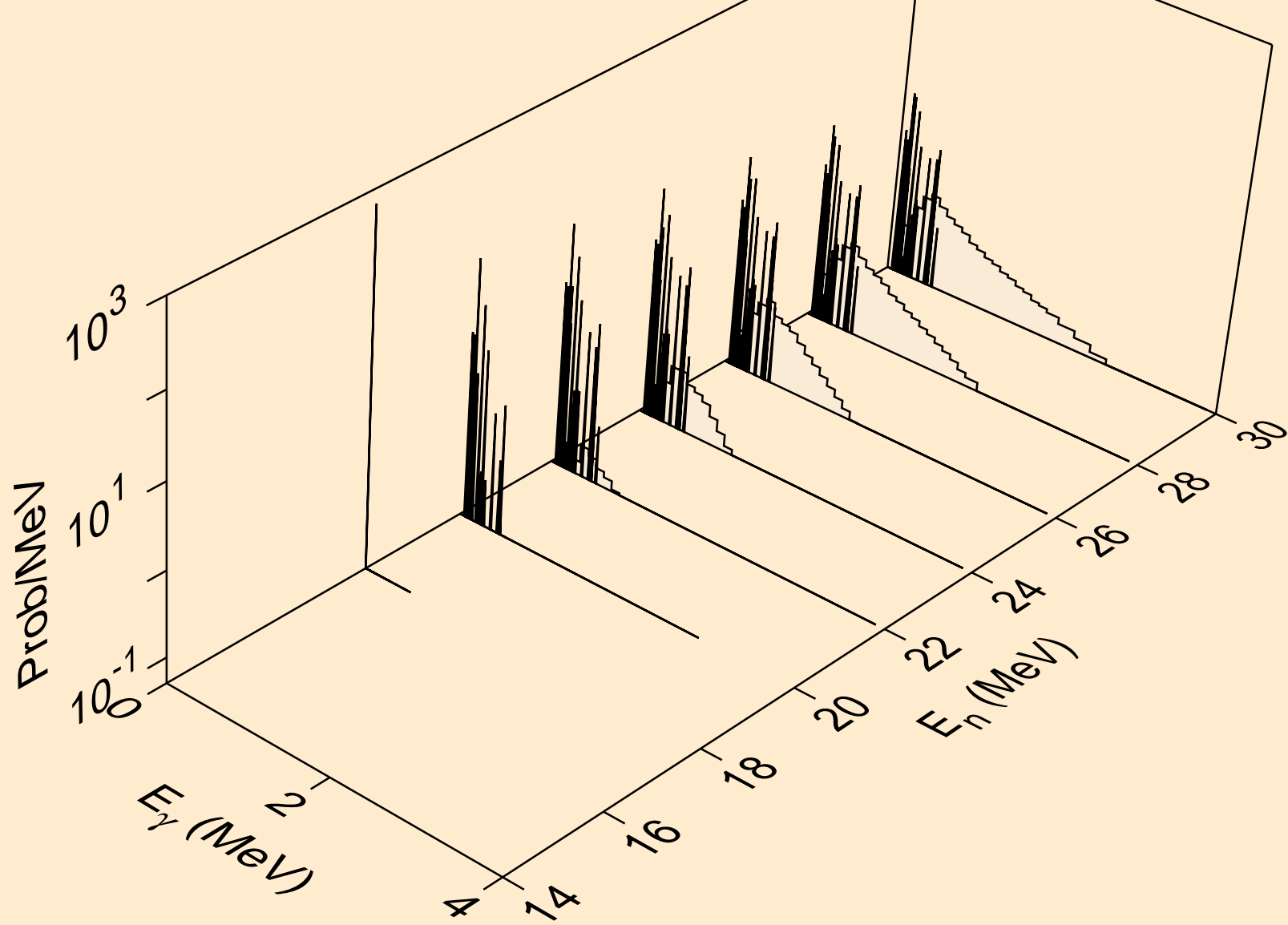
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Photon emission for (n,n\*)2a



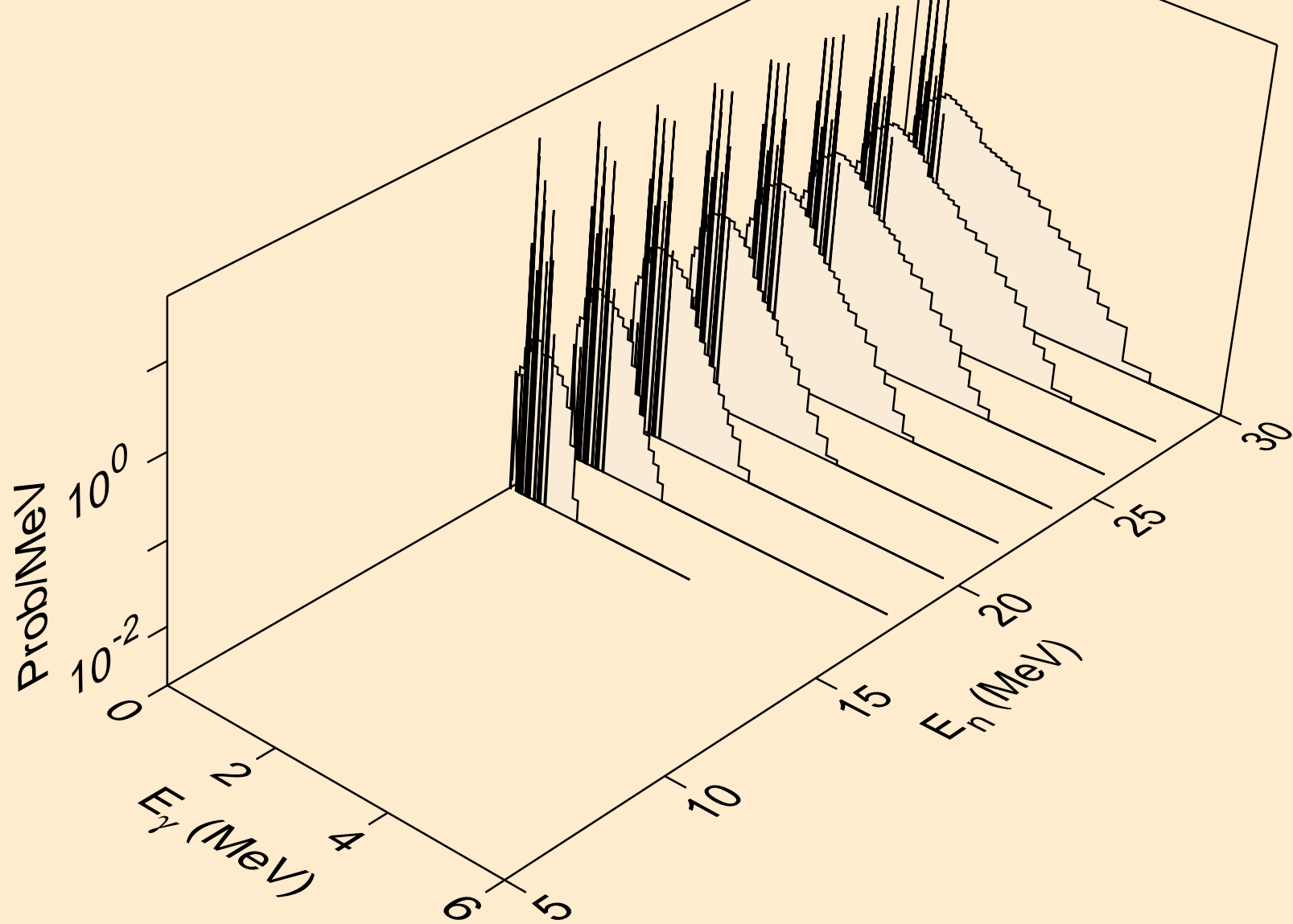
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Photon emission for (n,n\*)d



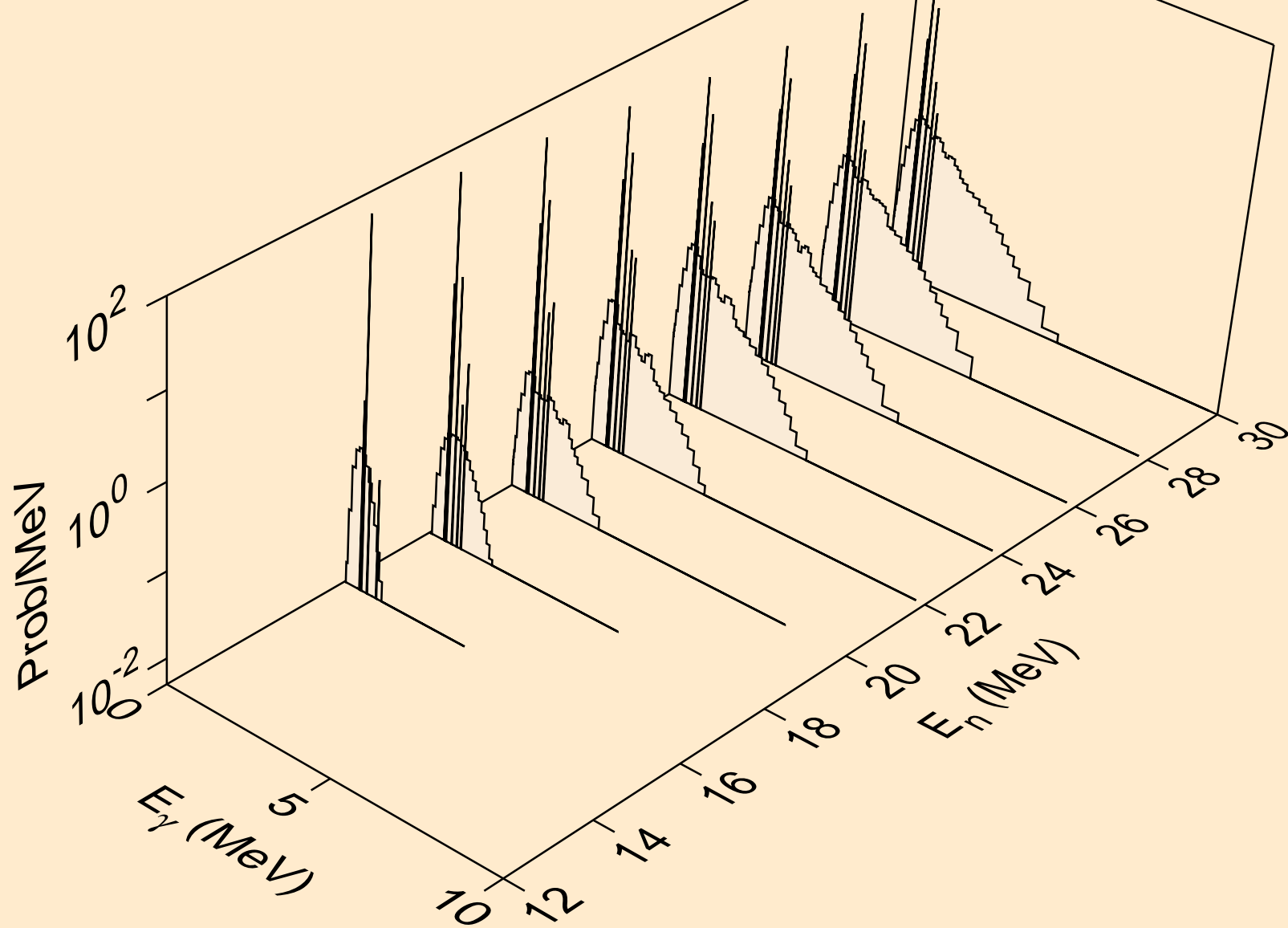
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



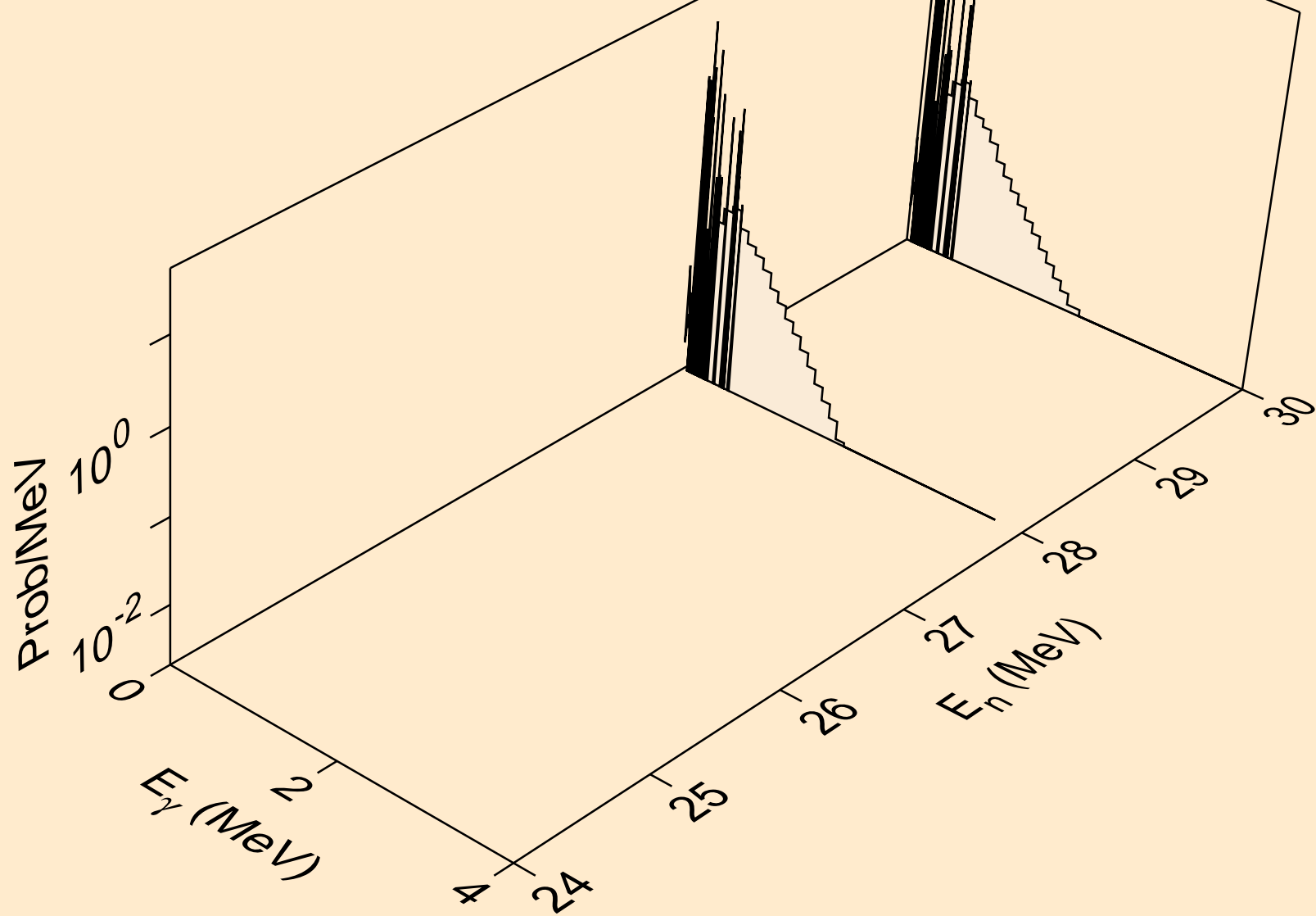
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



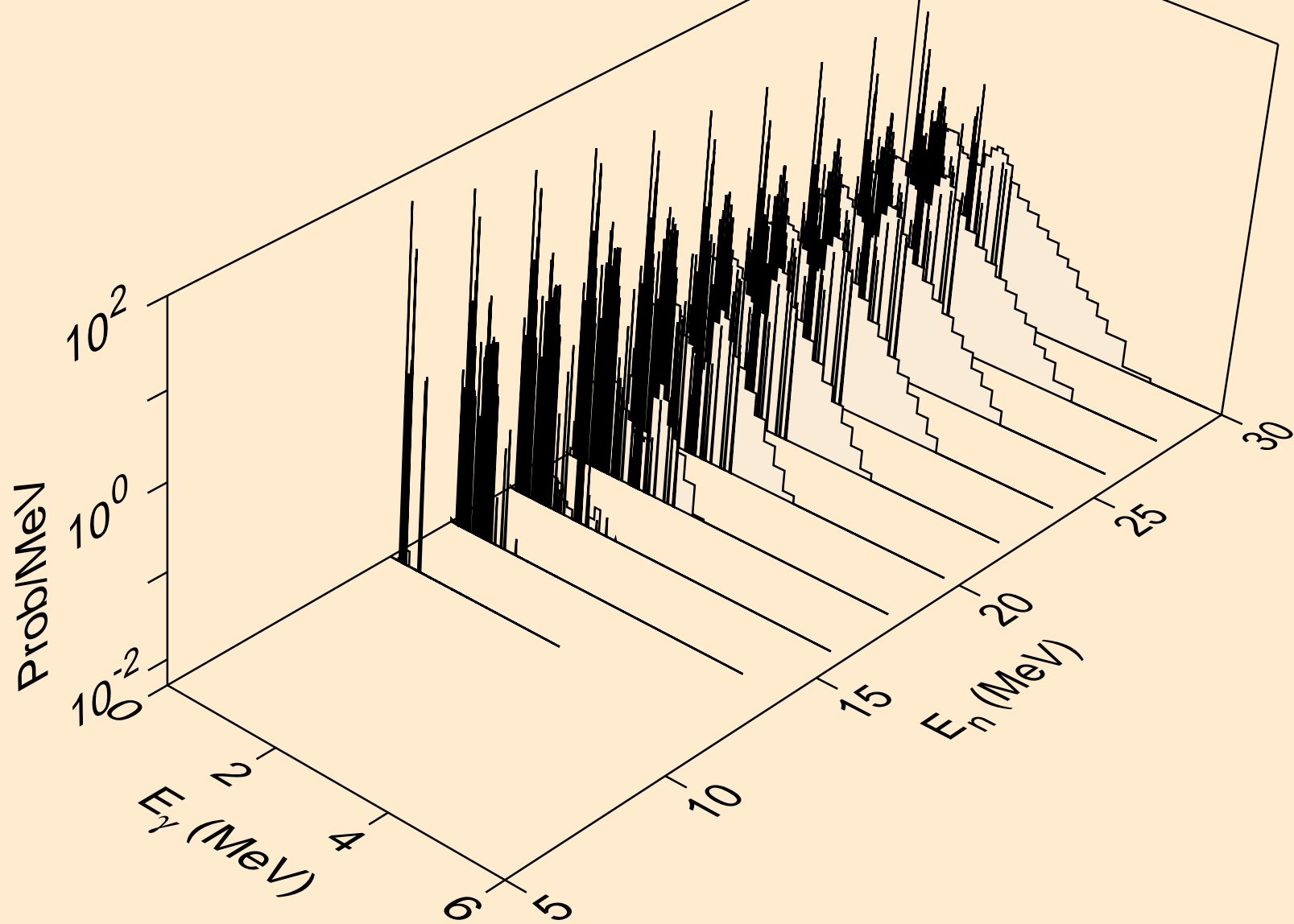
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Photon emission for (n,2np)



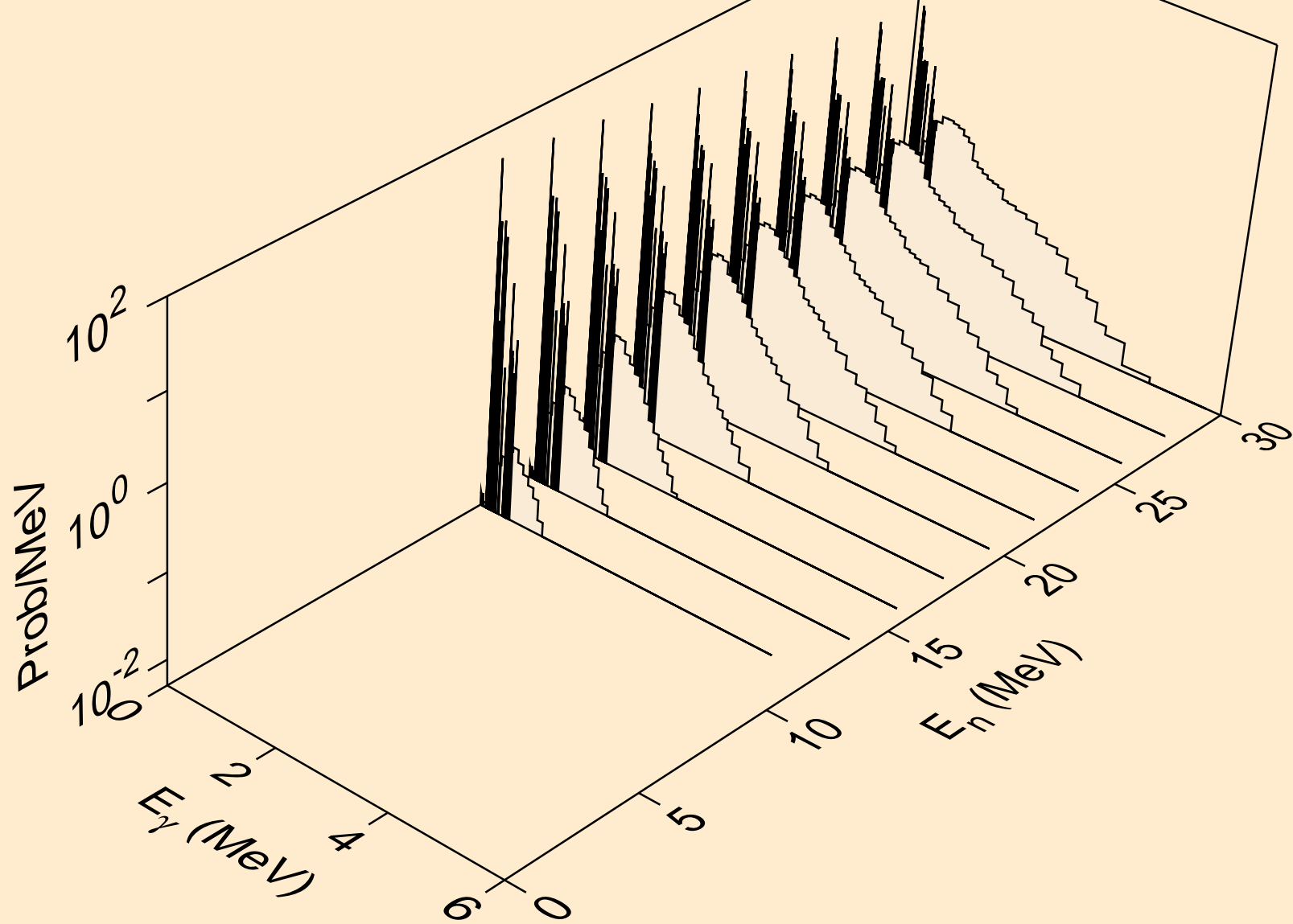
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

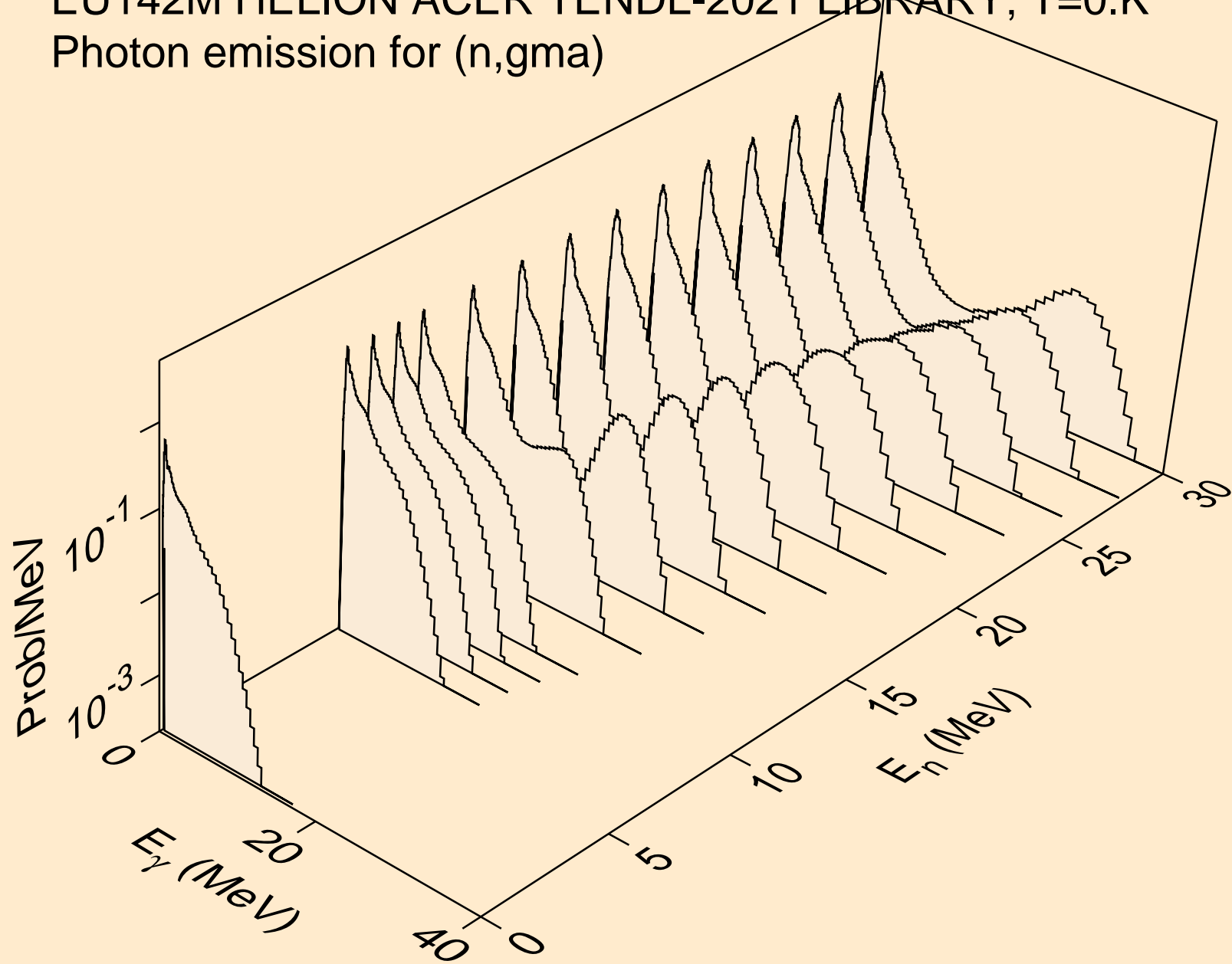


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Photon emission for (n,npa)

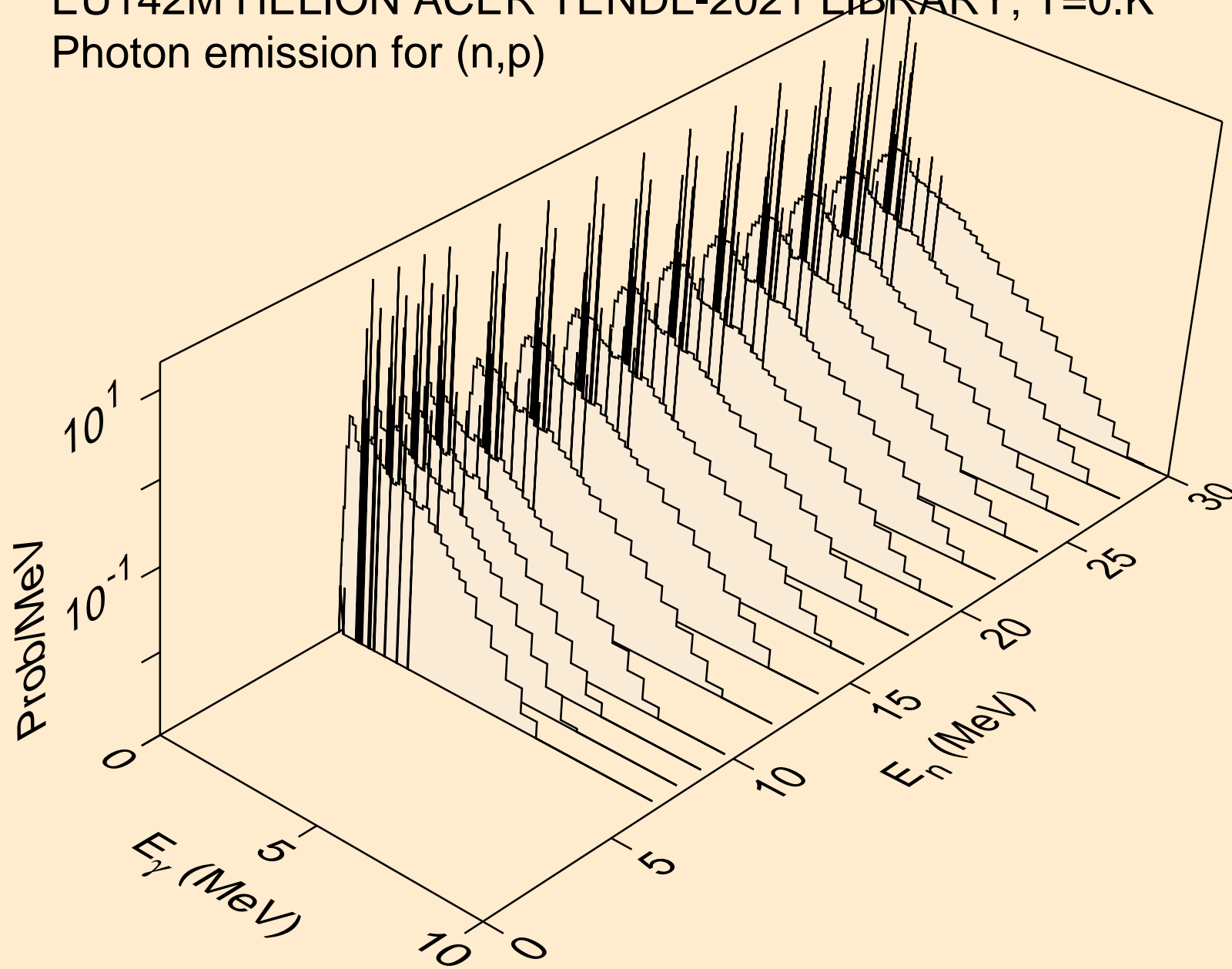




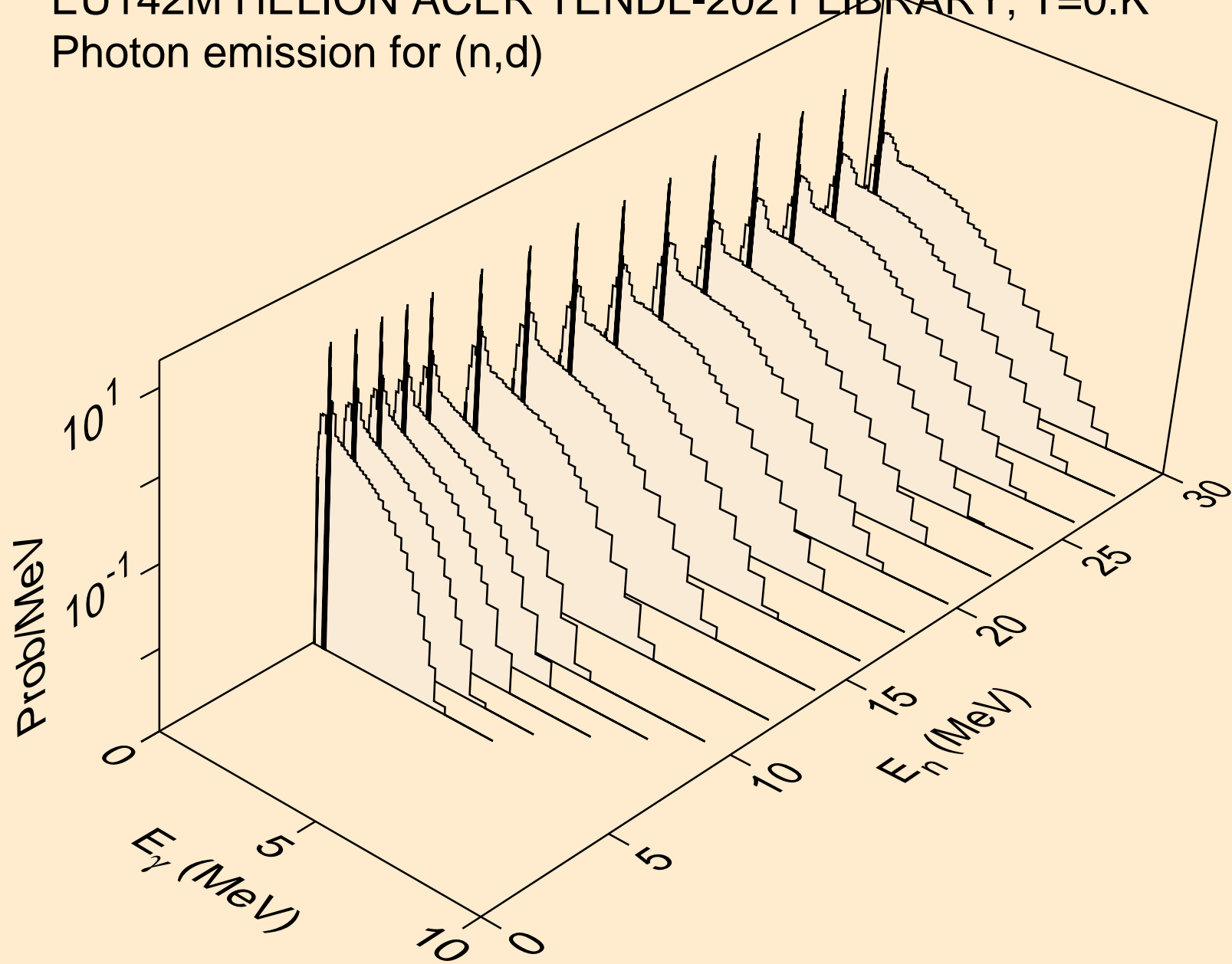
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Photon emission for (n,gma)



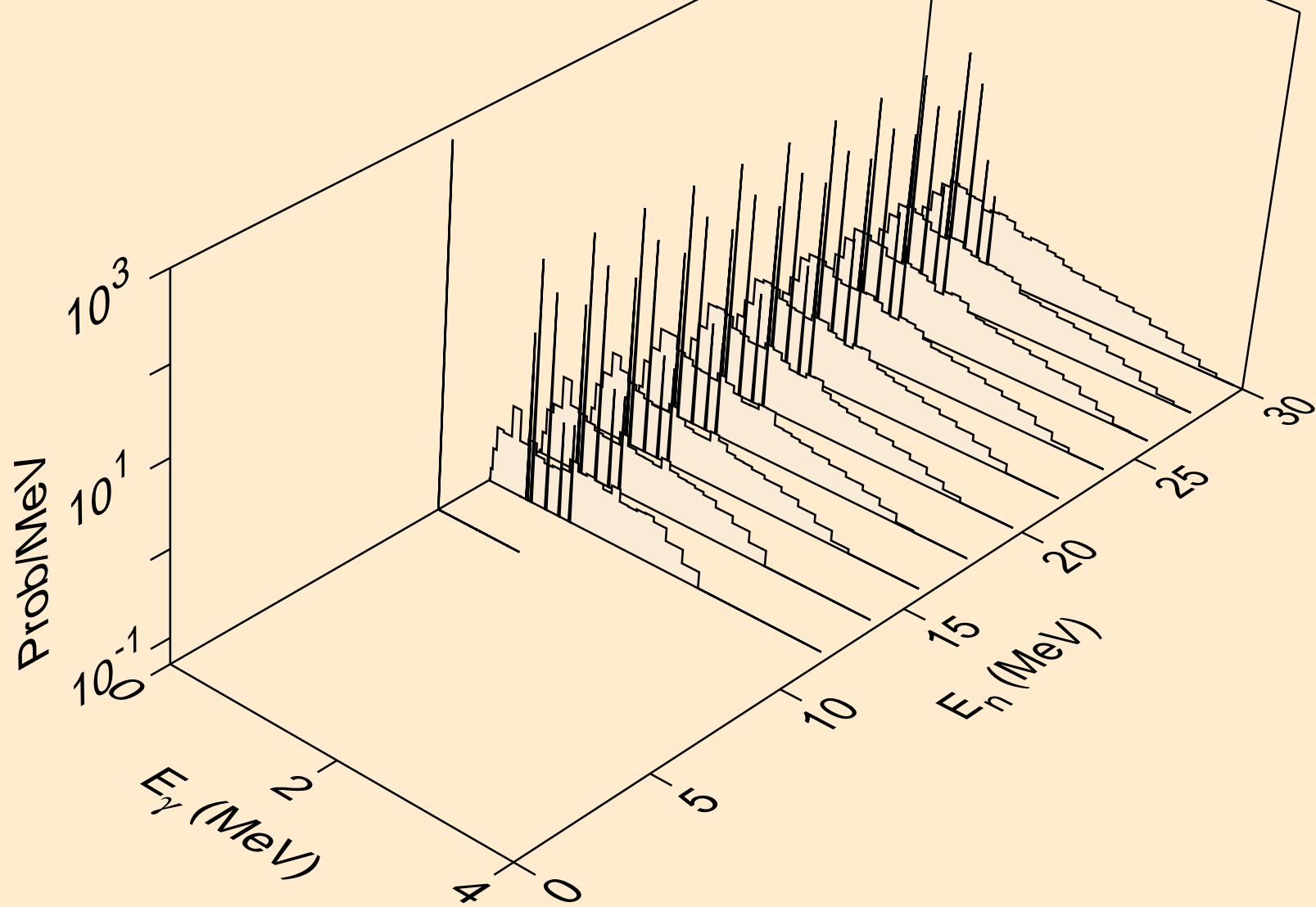
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Photon emission for (n,p)



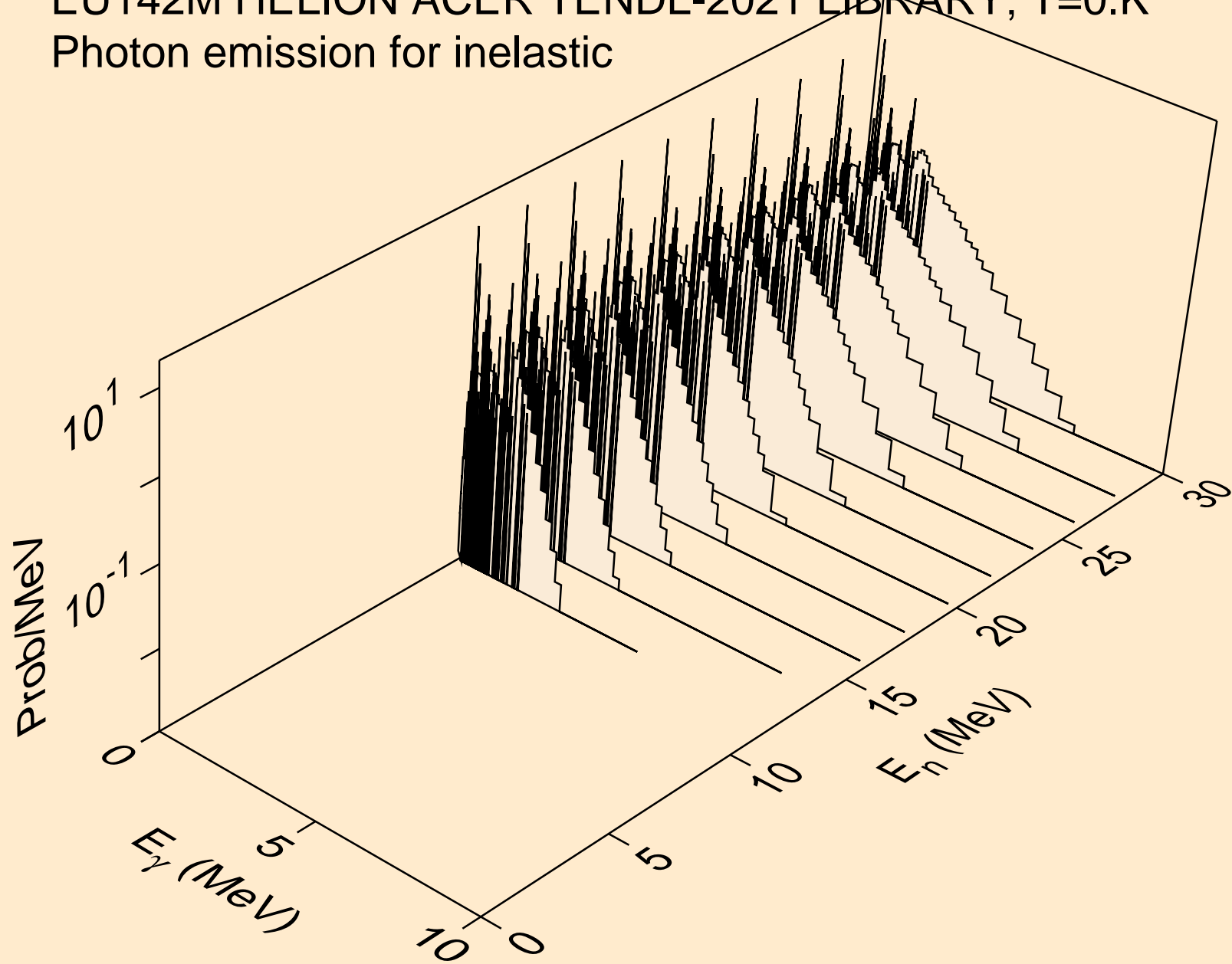
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Photon emission for (n,d)



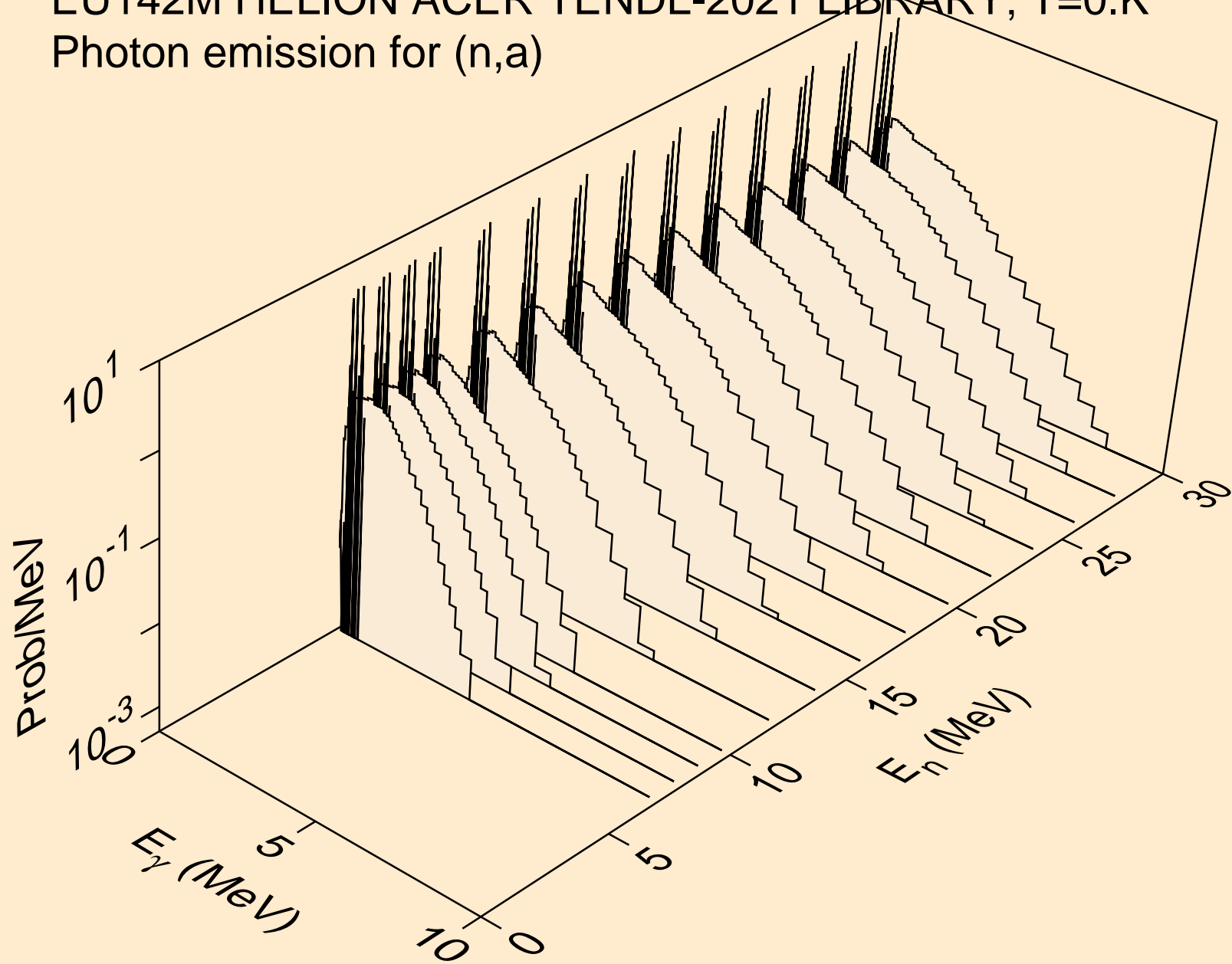
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Photon emission for (n,t)



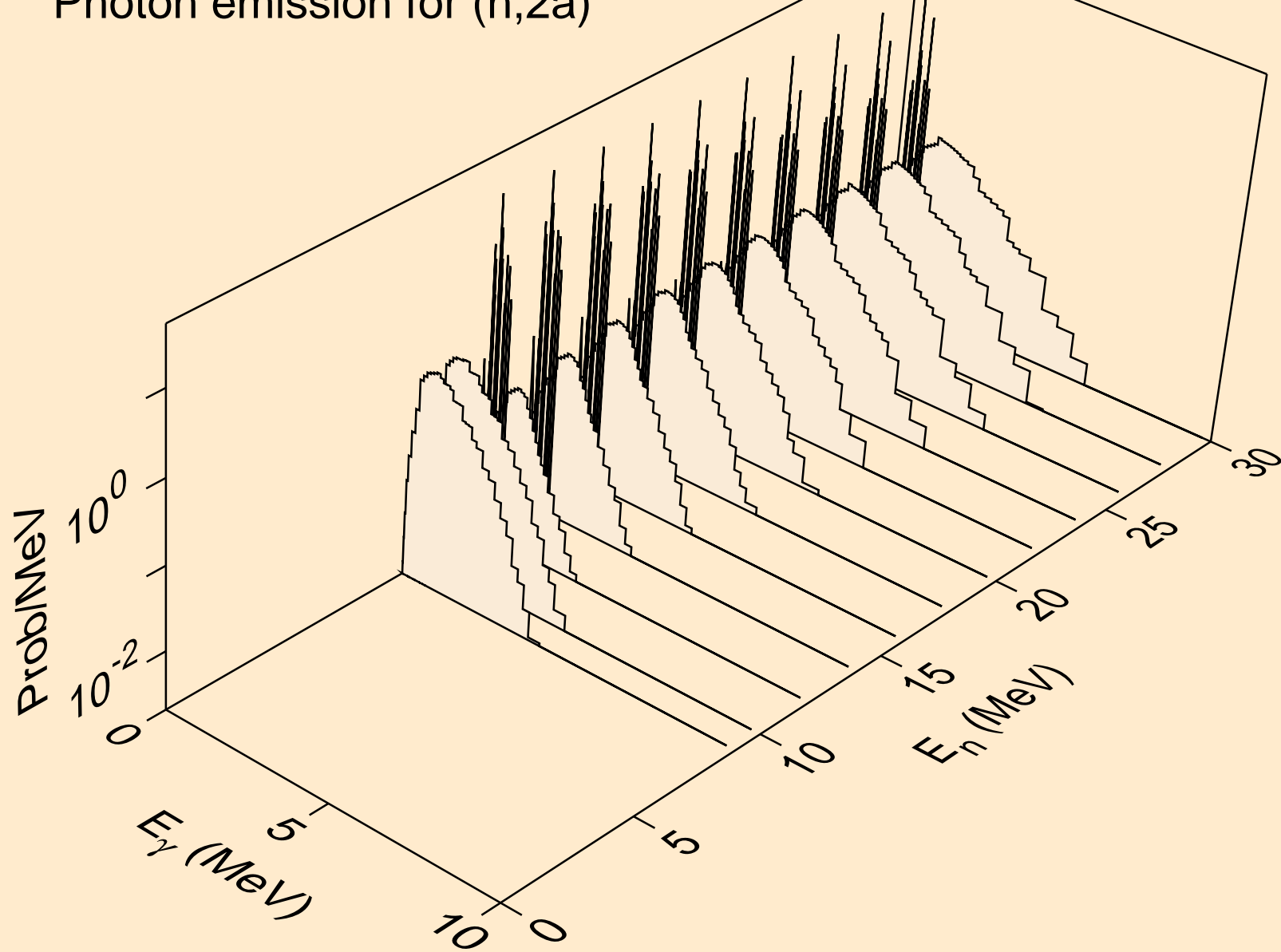
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Photon emission for inelastic



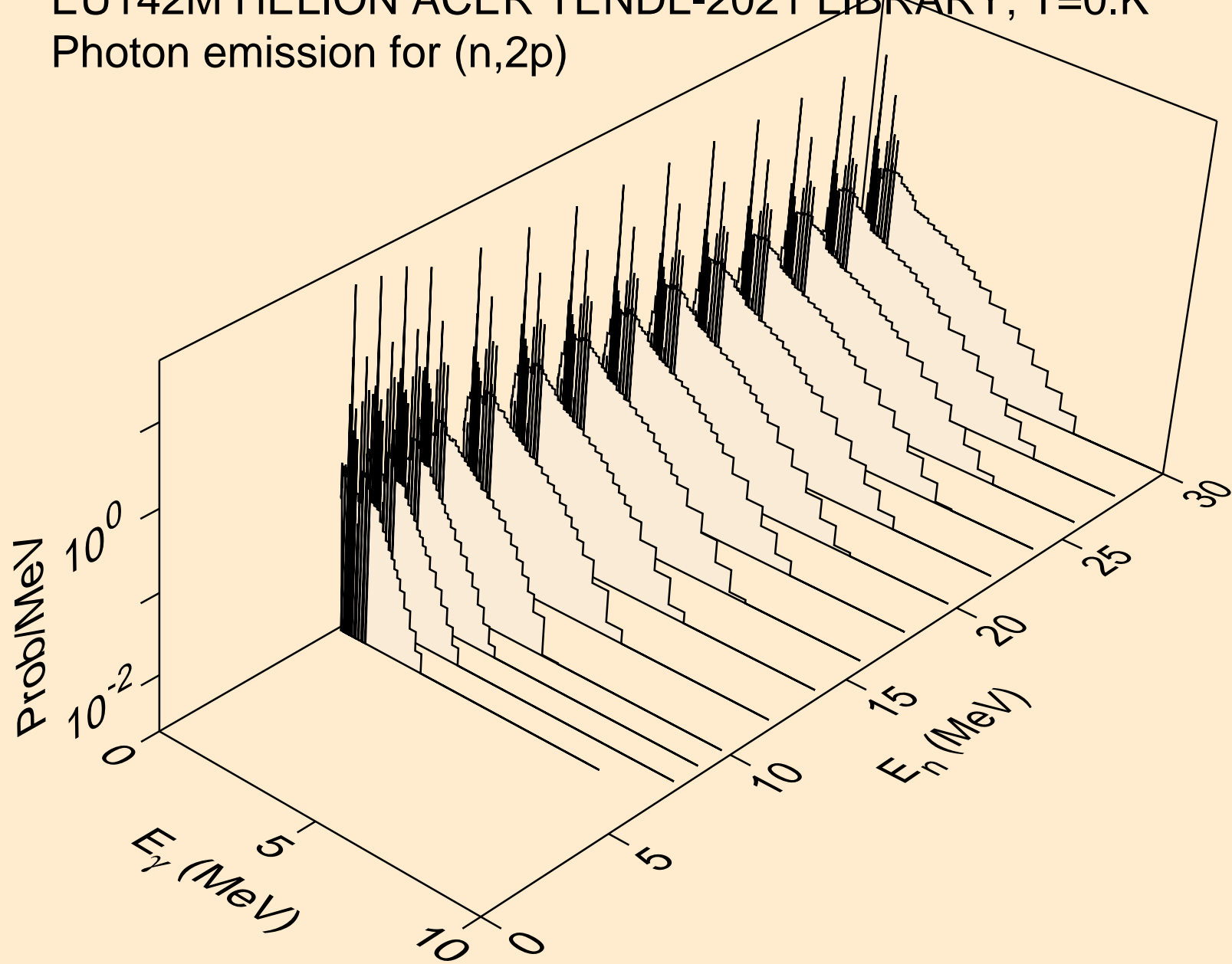
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

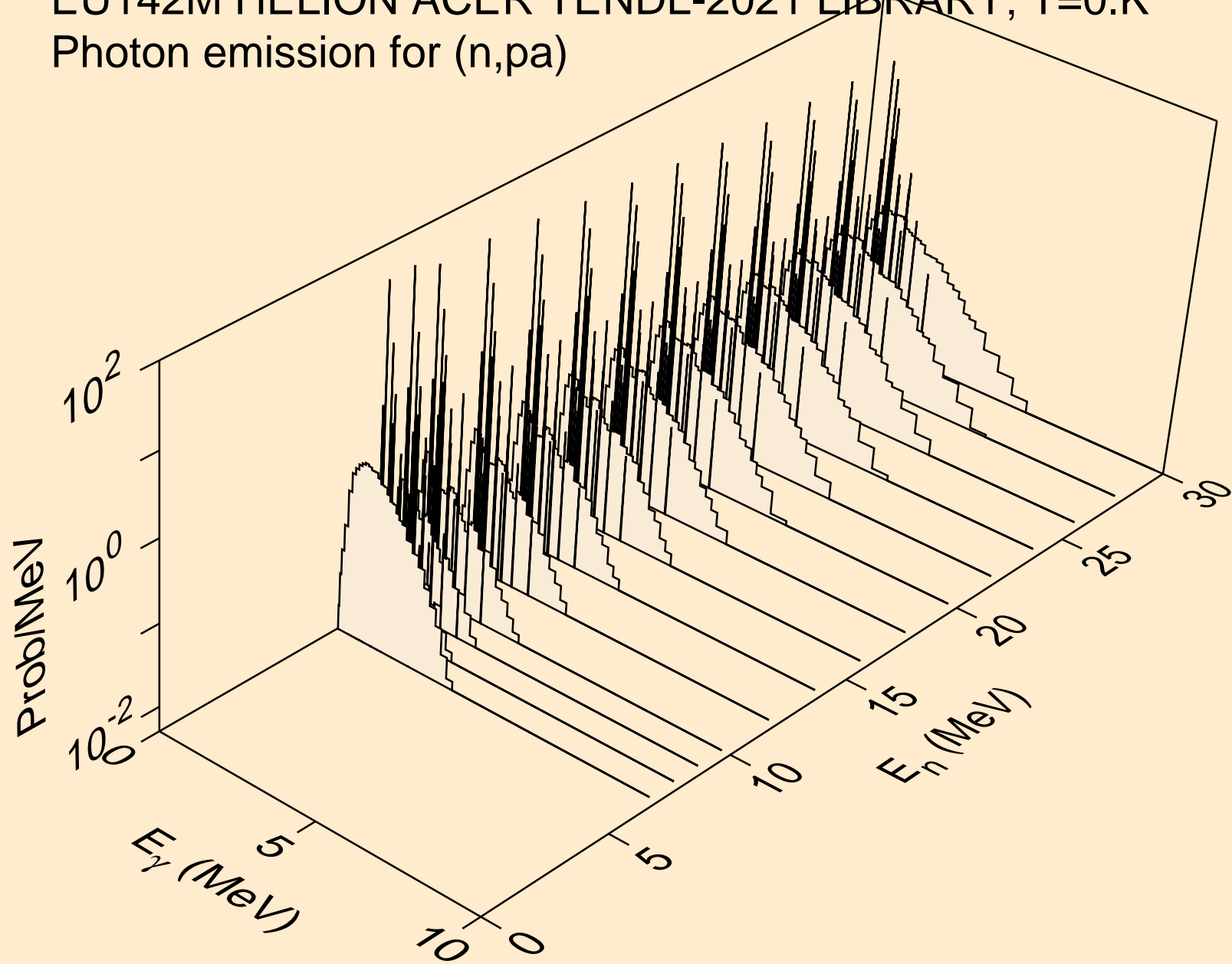


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Photon emission for (n,2p)

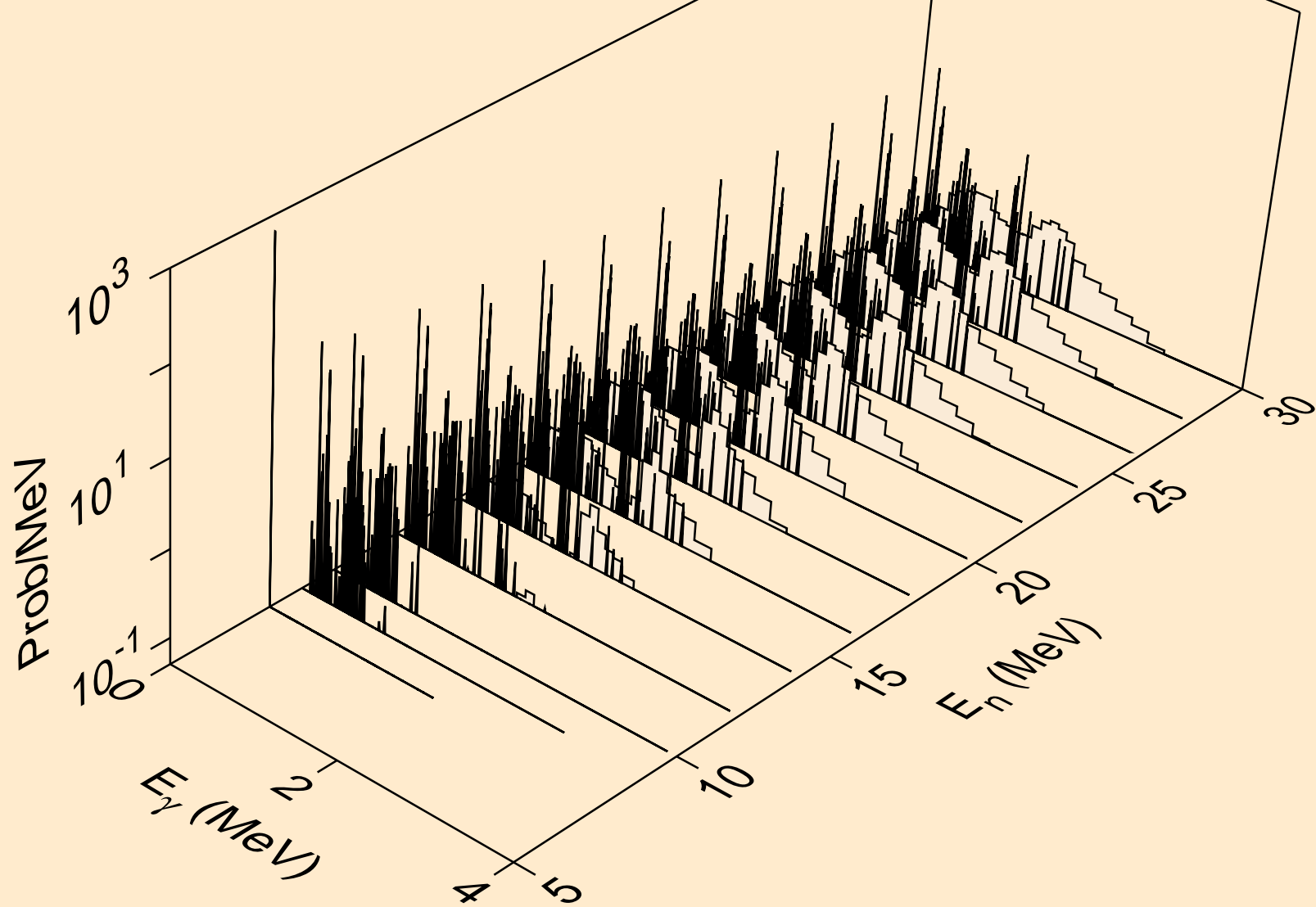




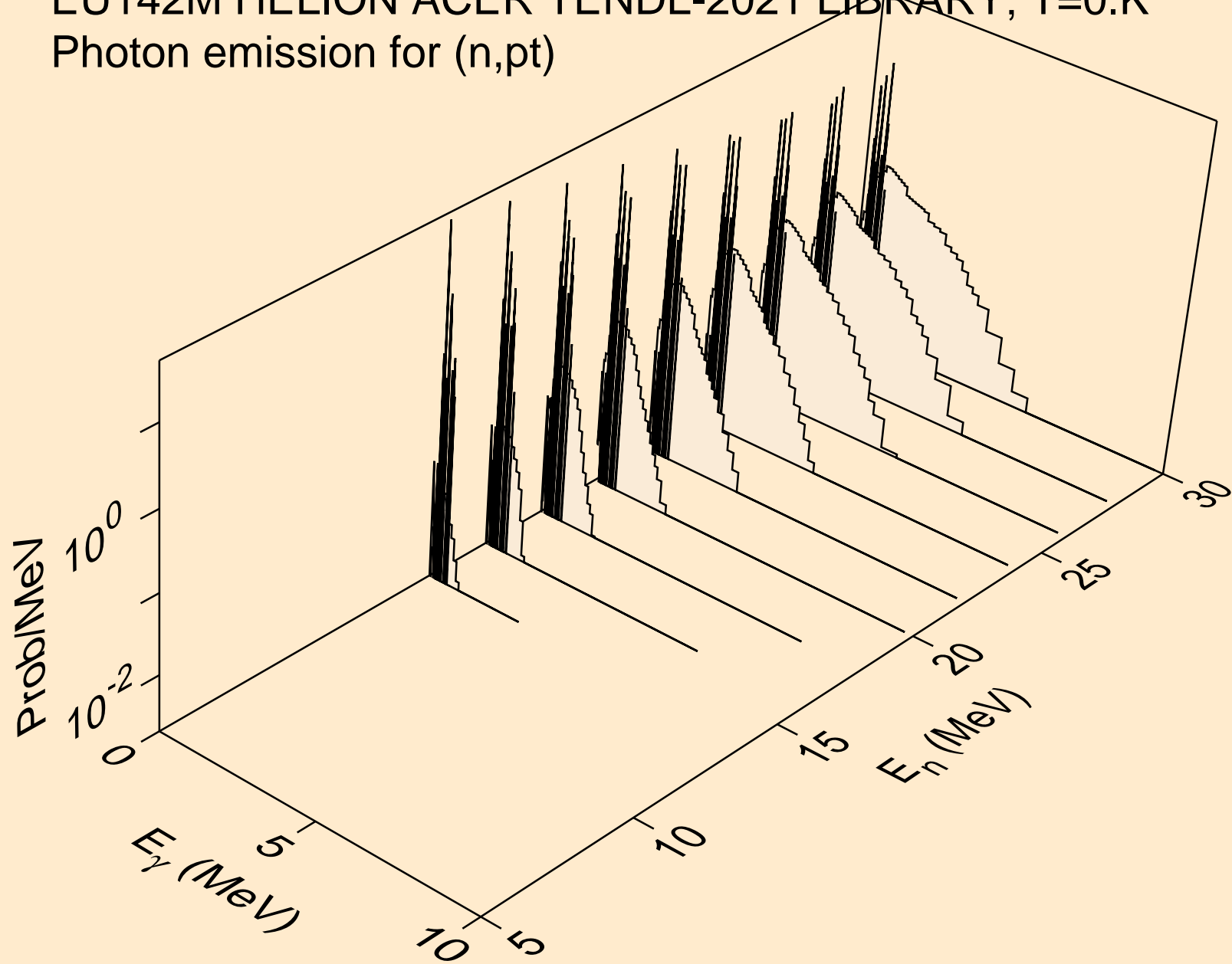
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Photon emission for (n,pa)



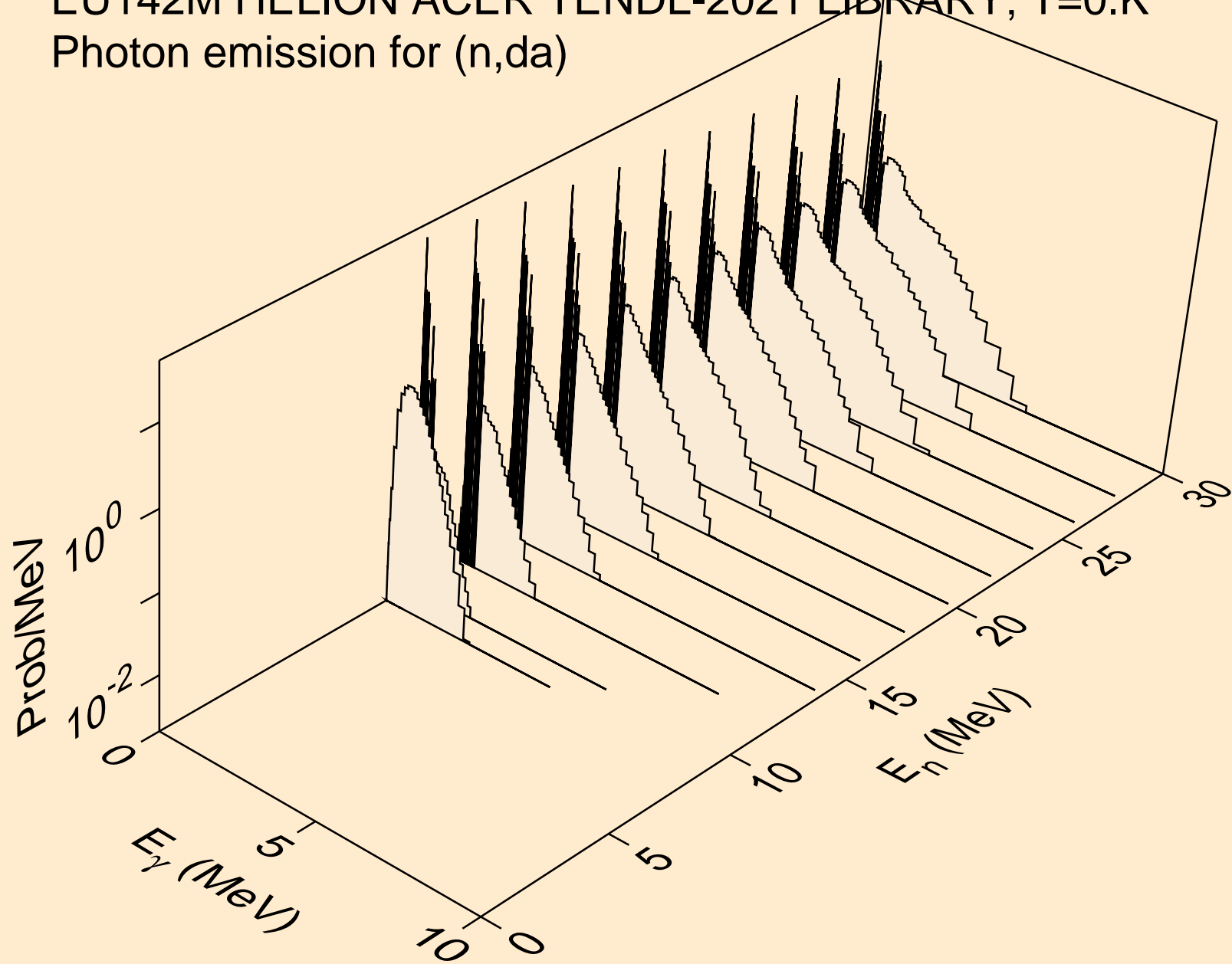
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

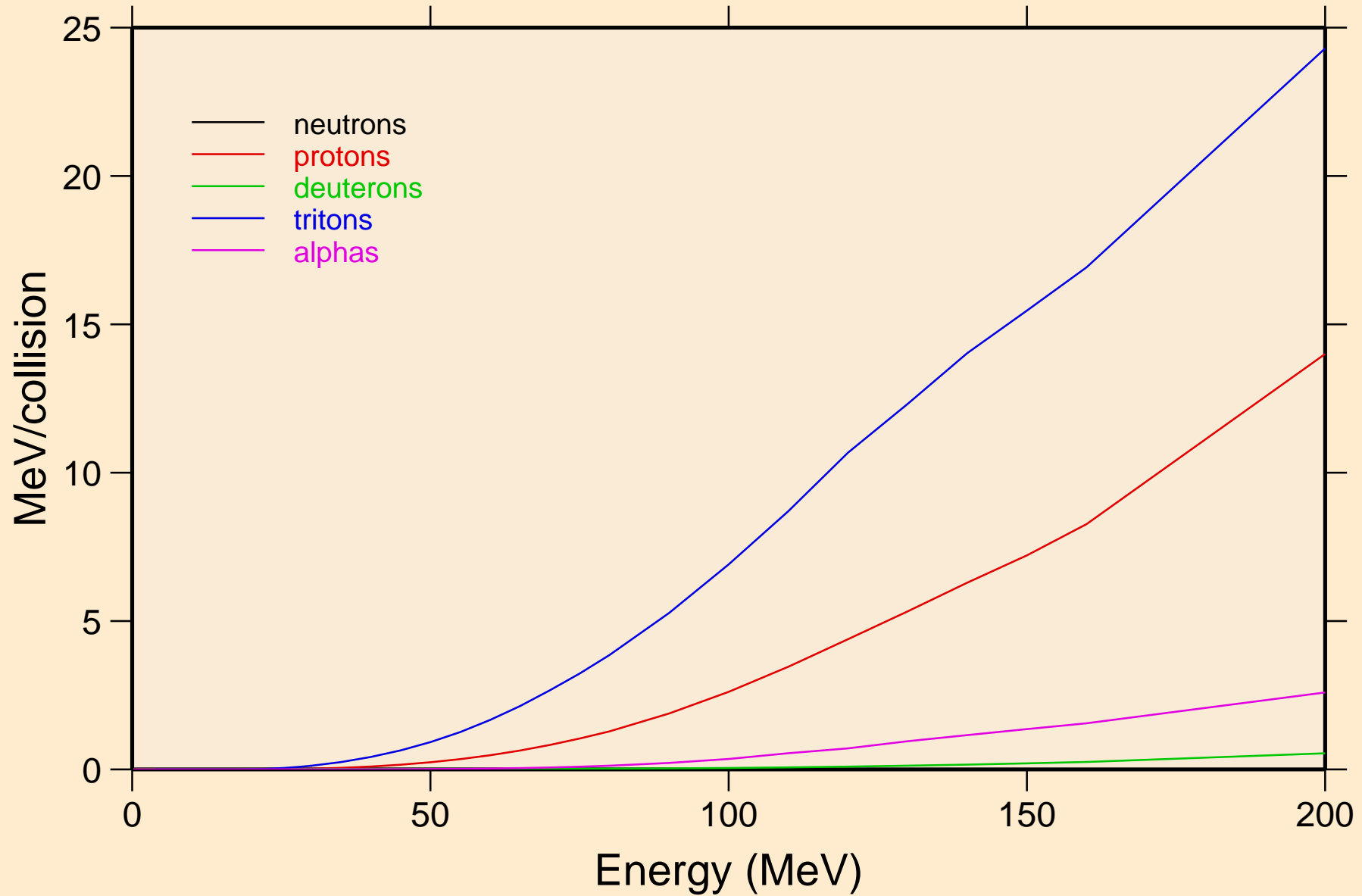


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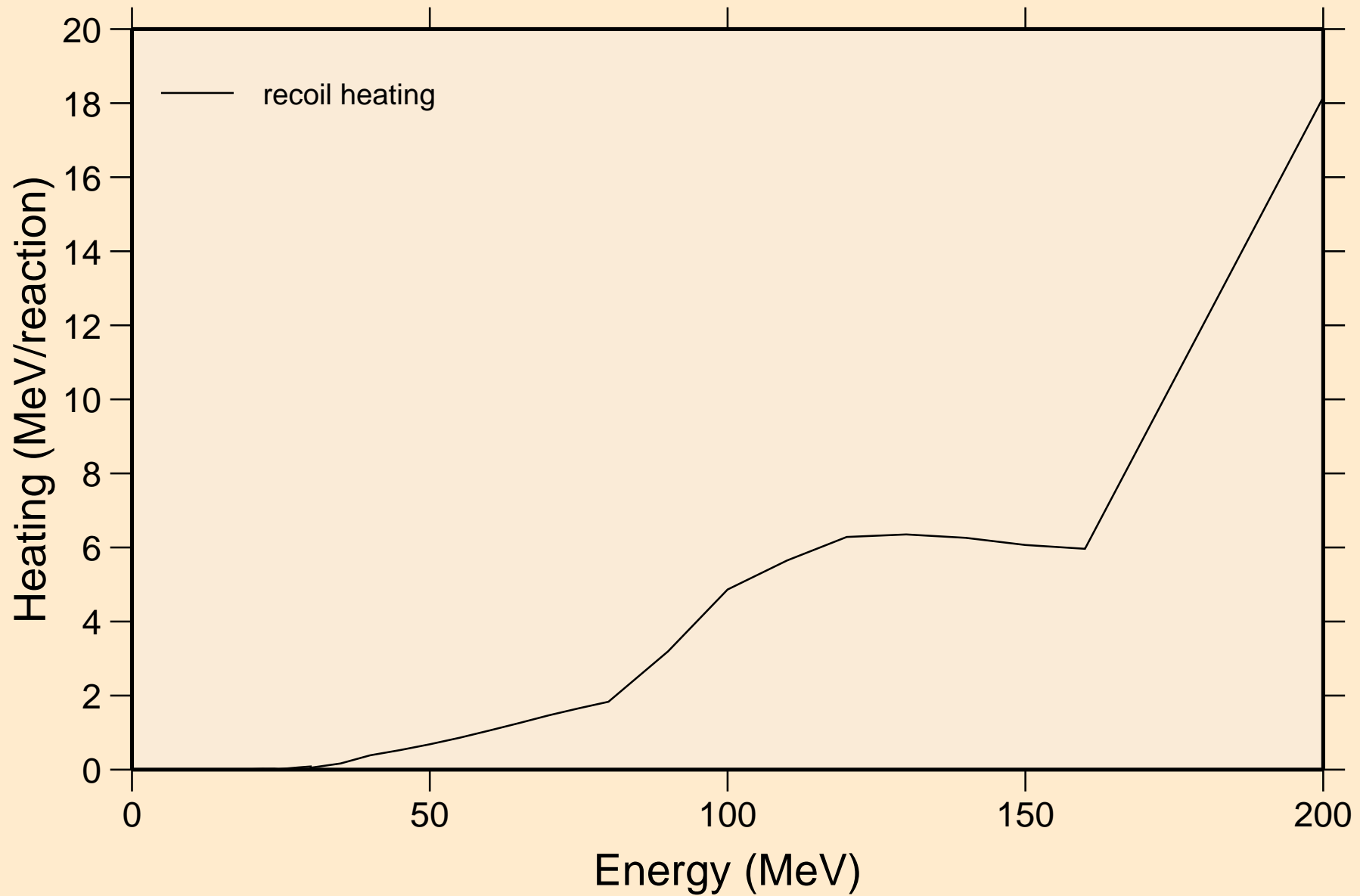


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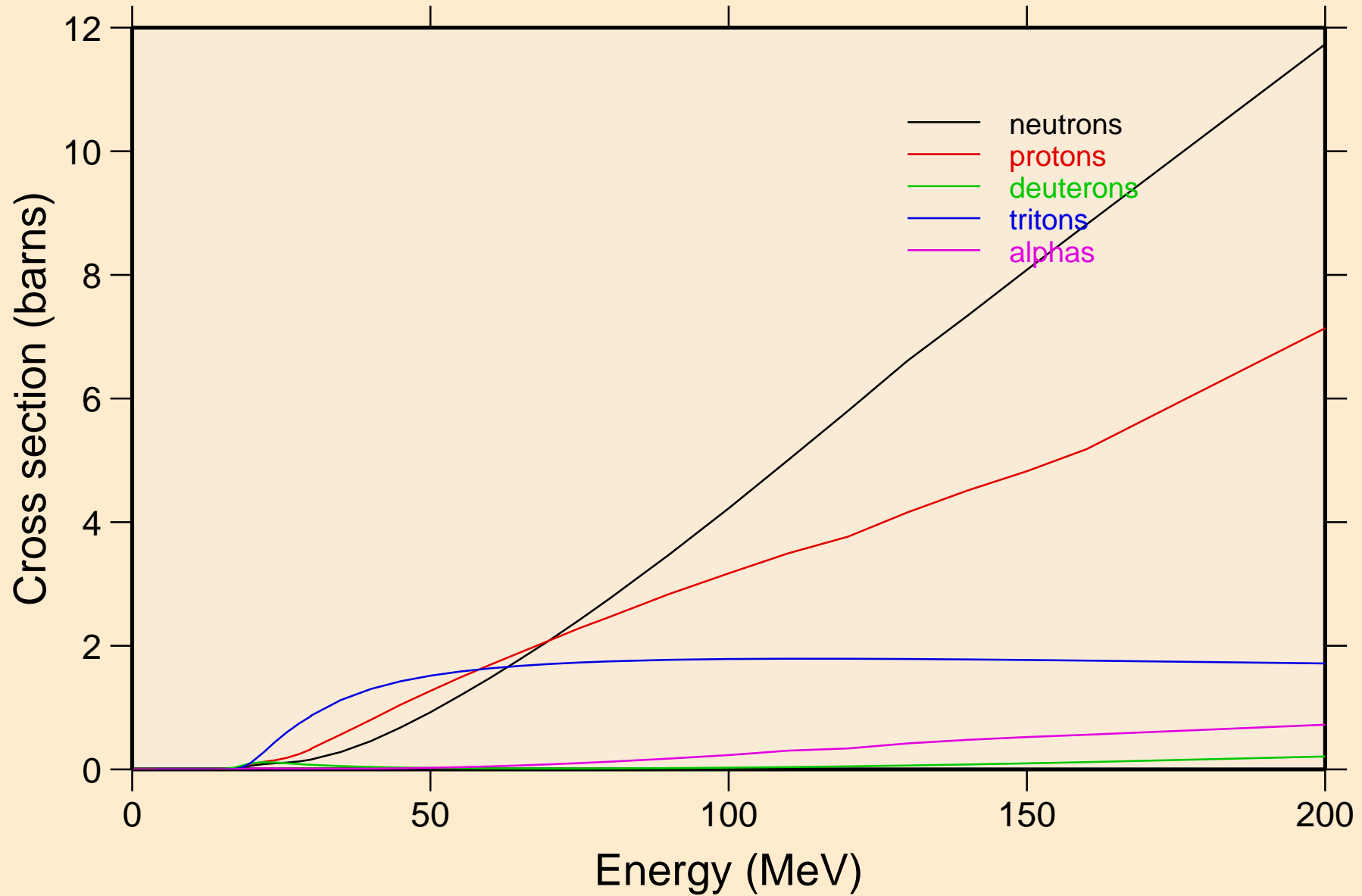
## Particle heating contributions



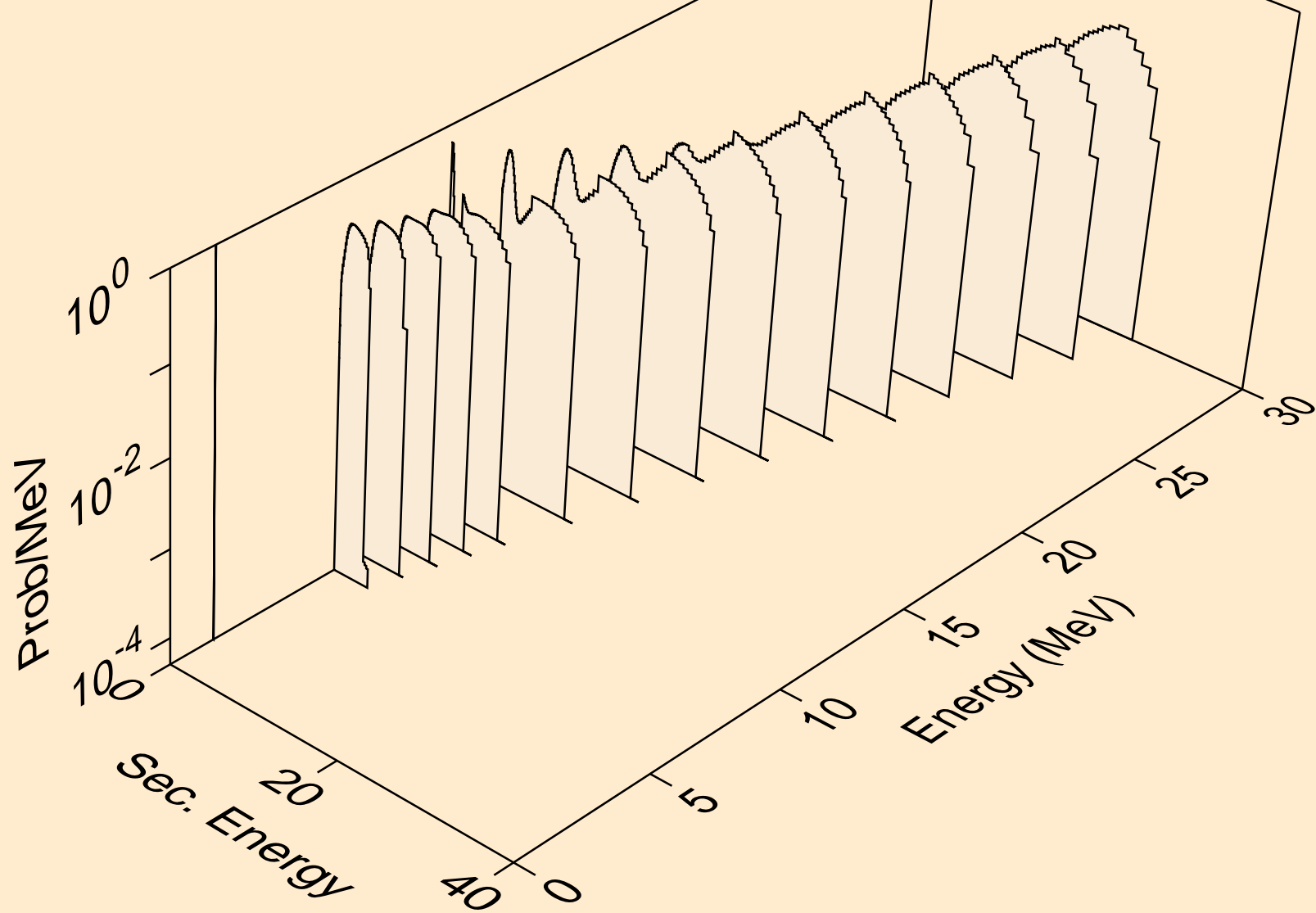
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

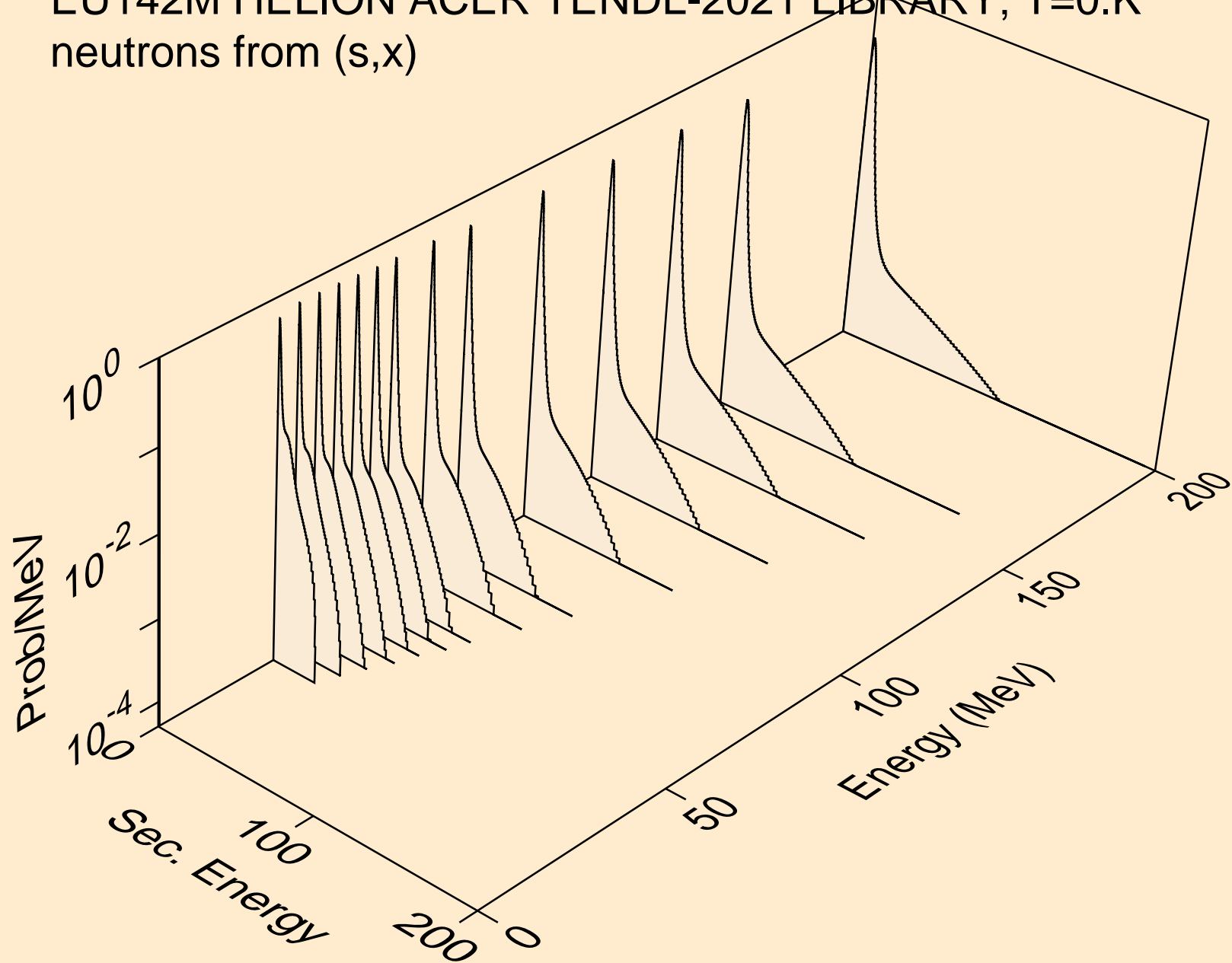


EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

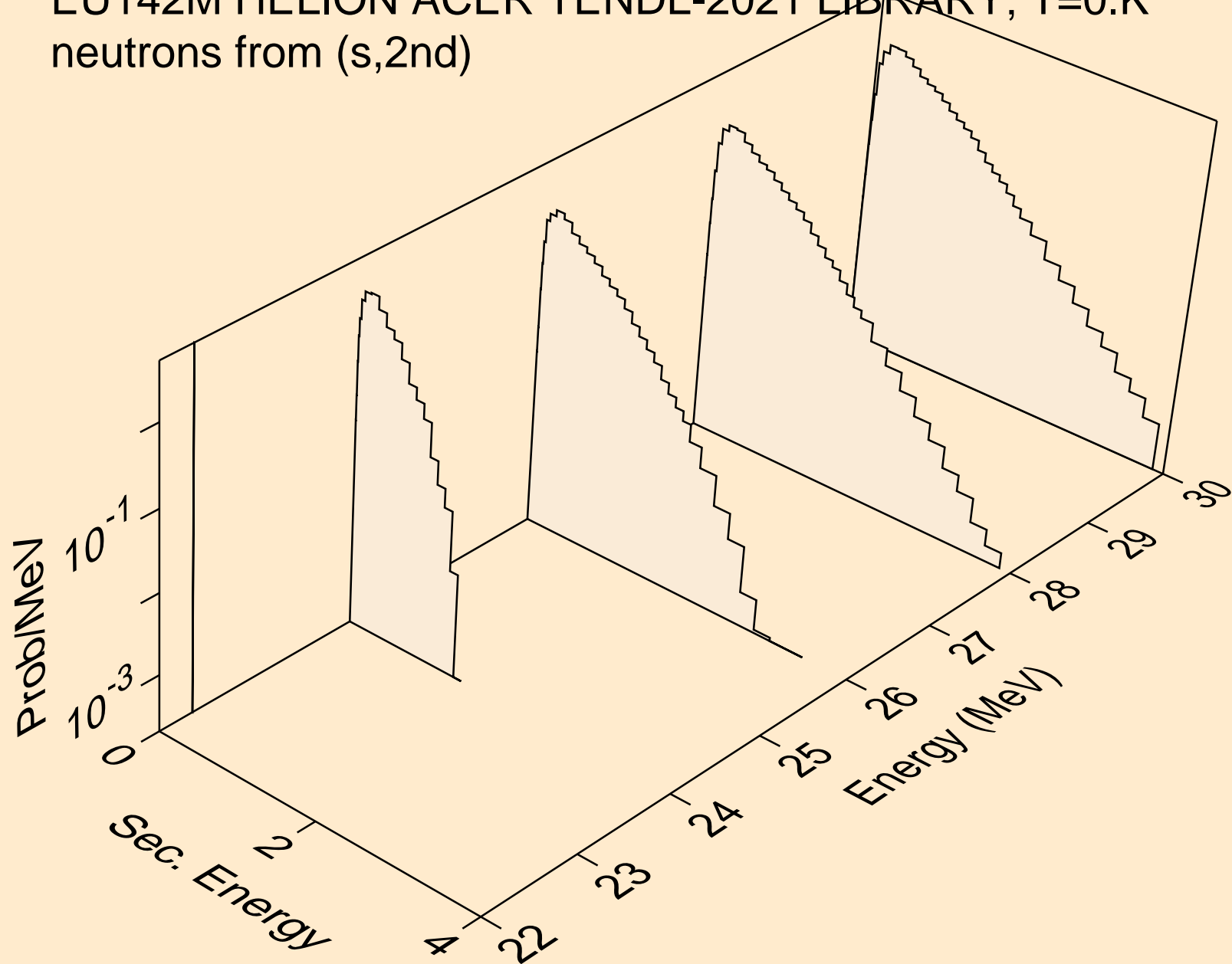




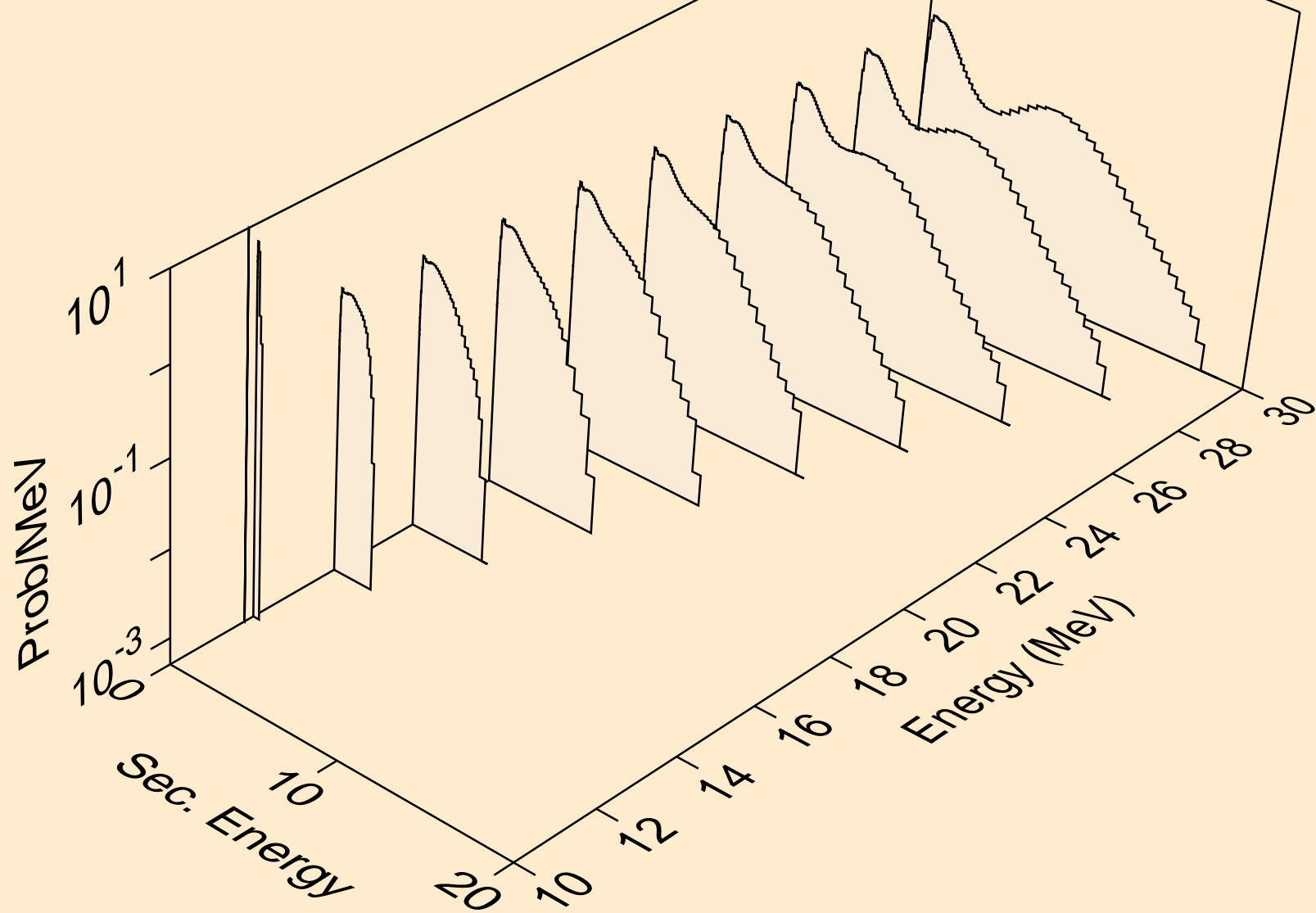
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



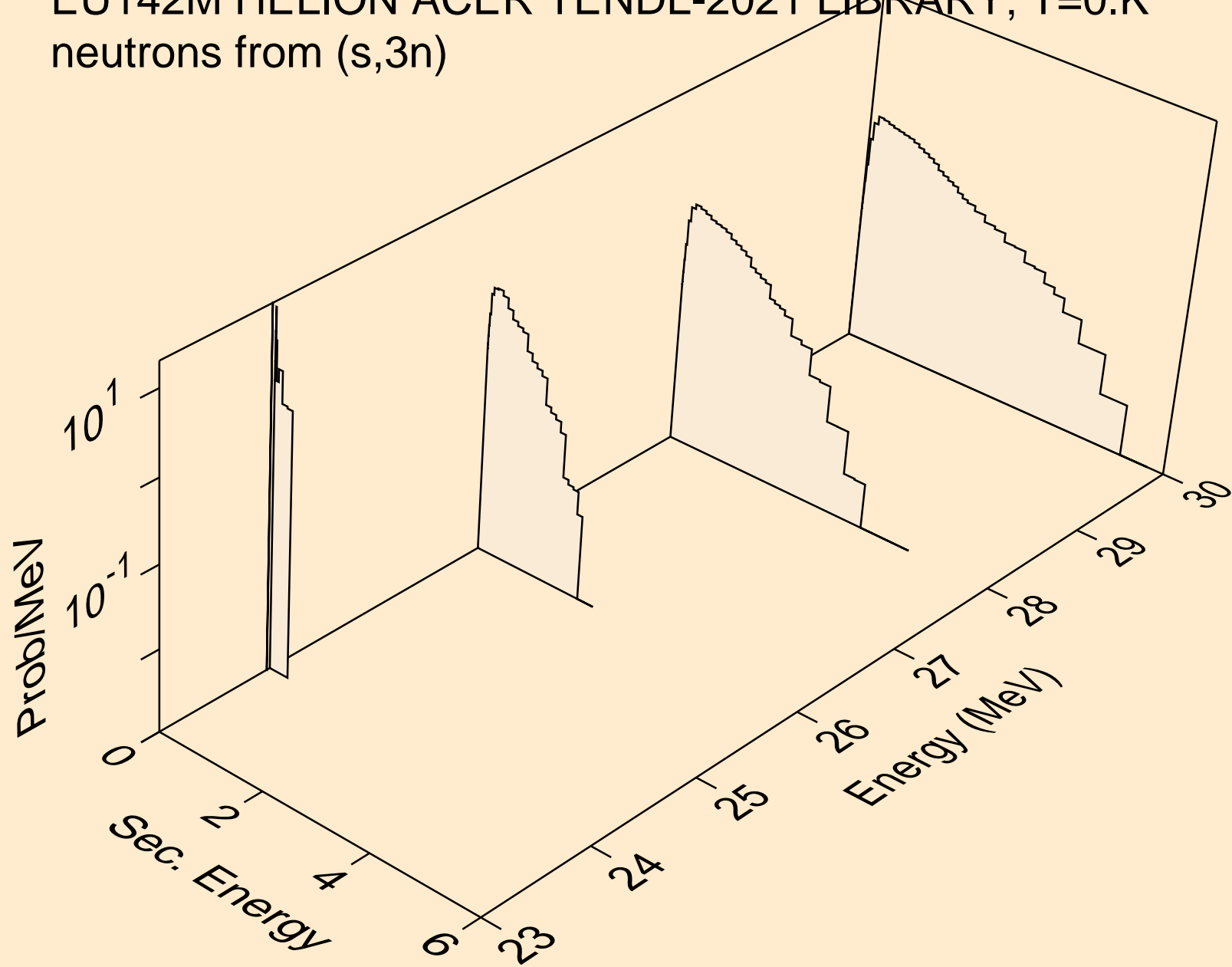
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neutrons from (s,2nd)



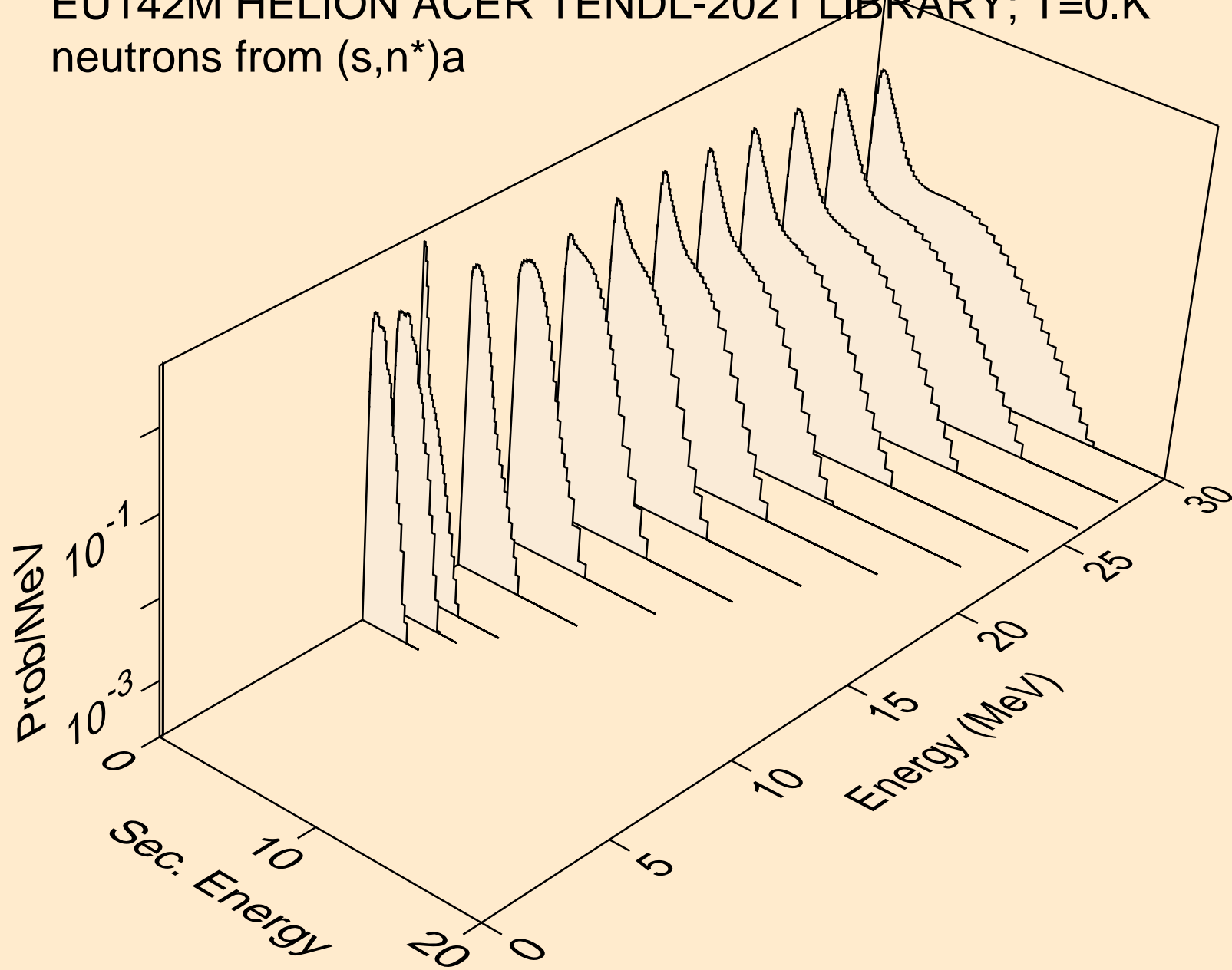
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



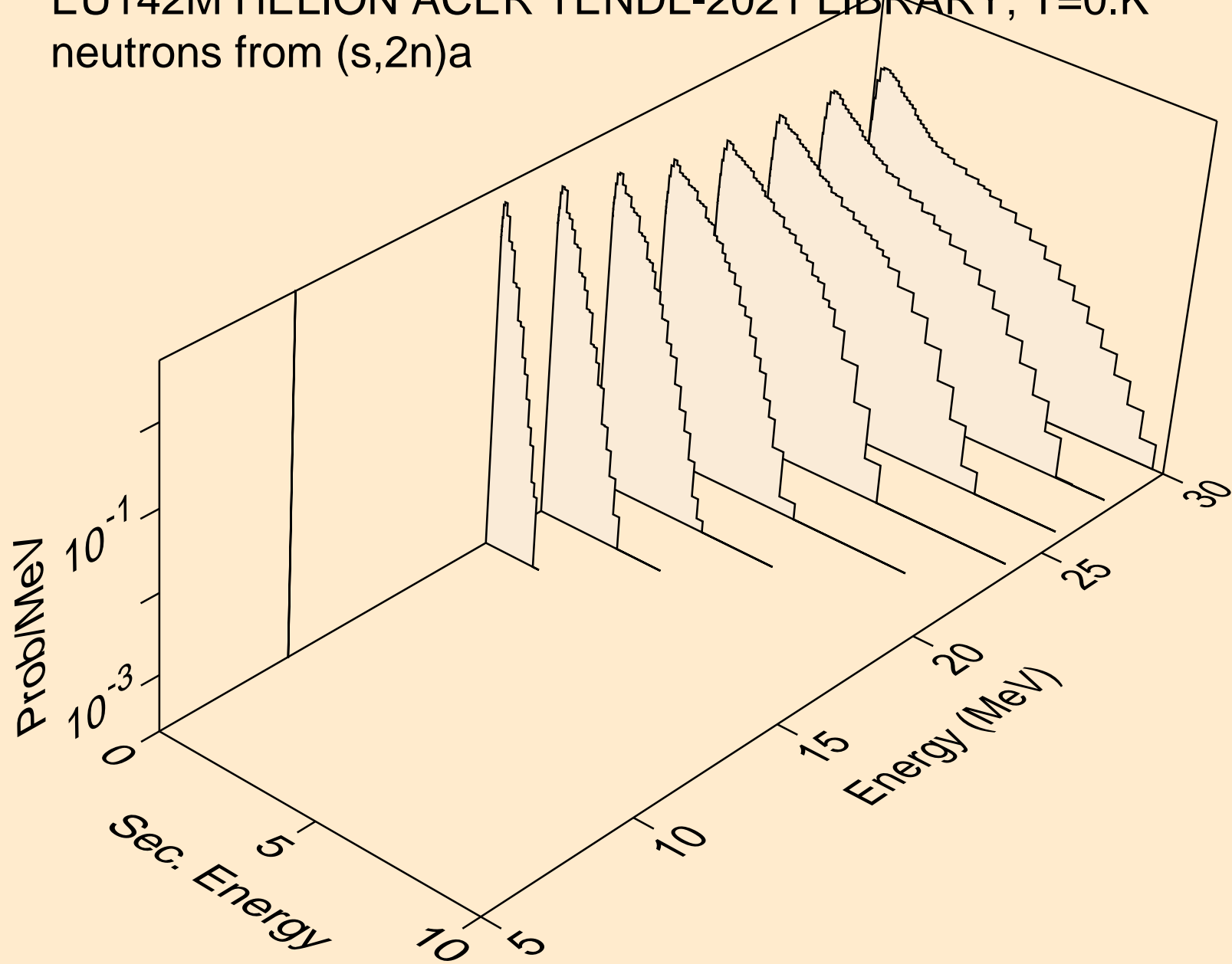
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
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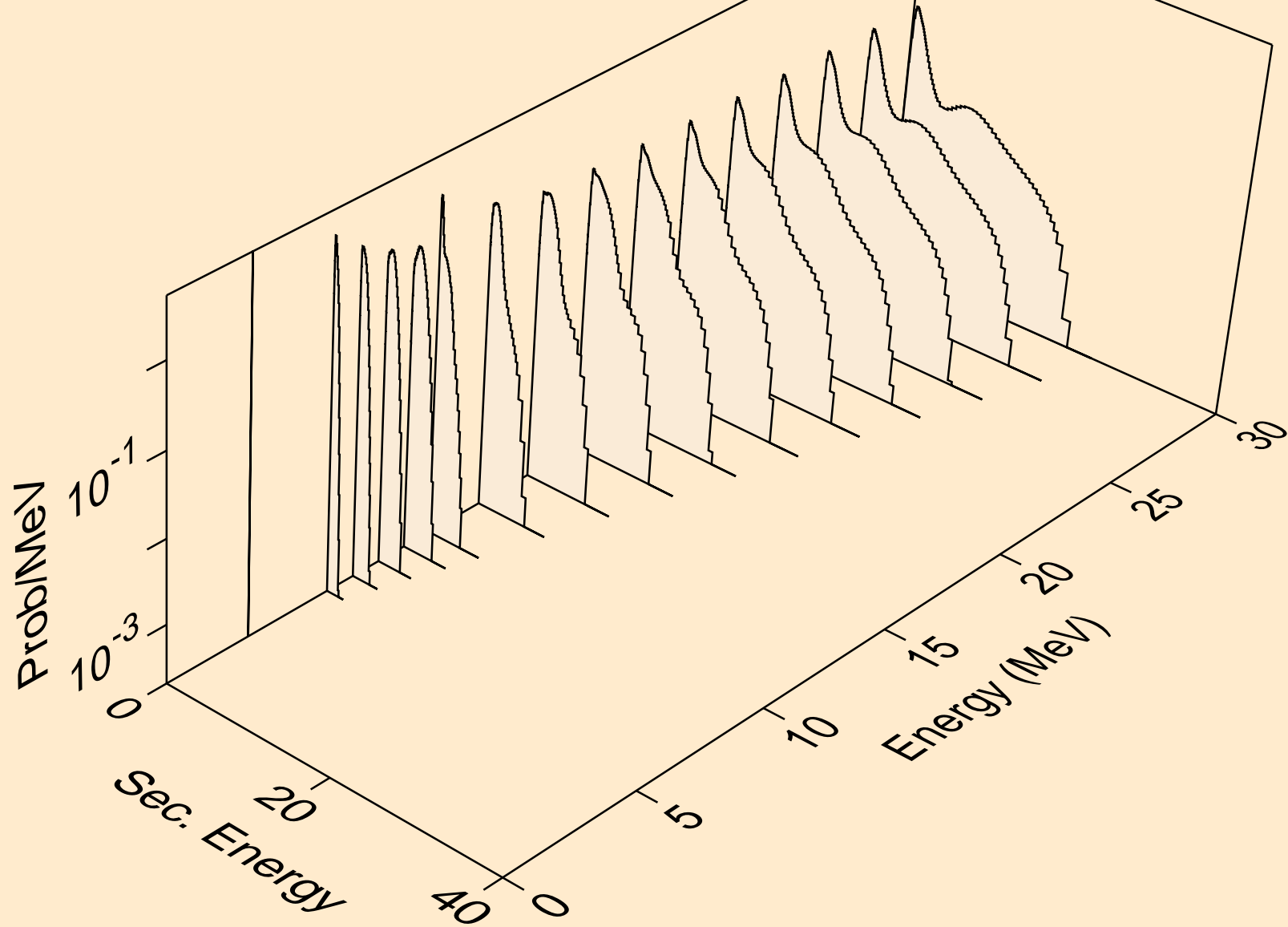
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



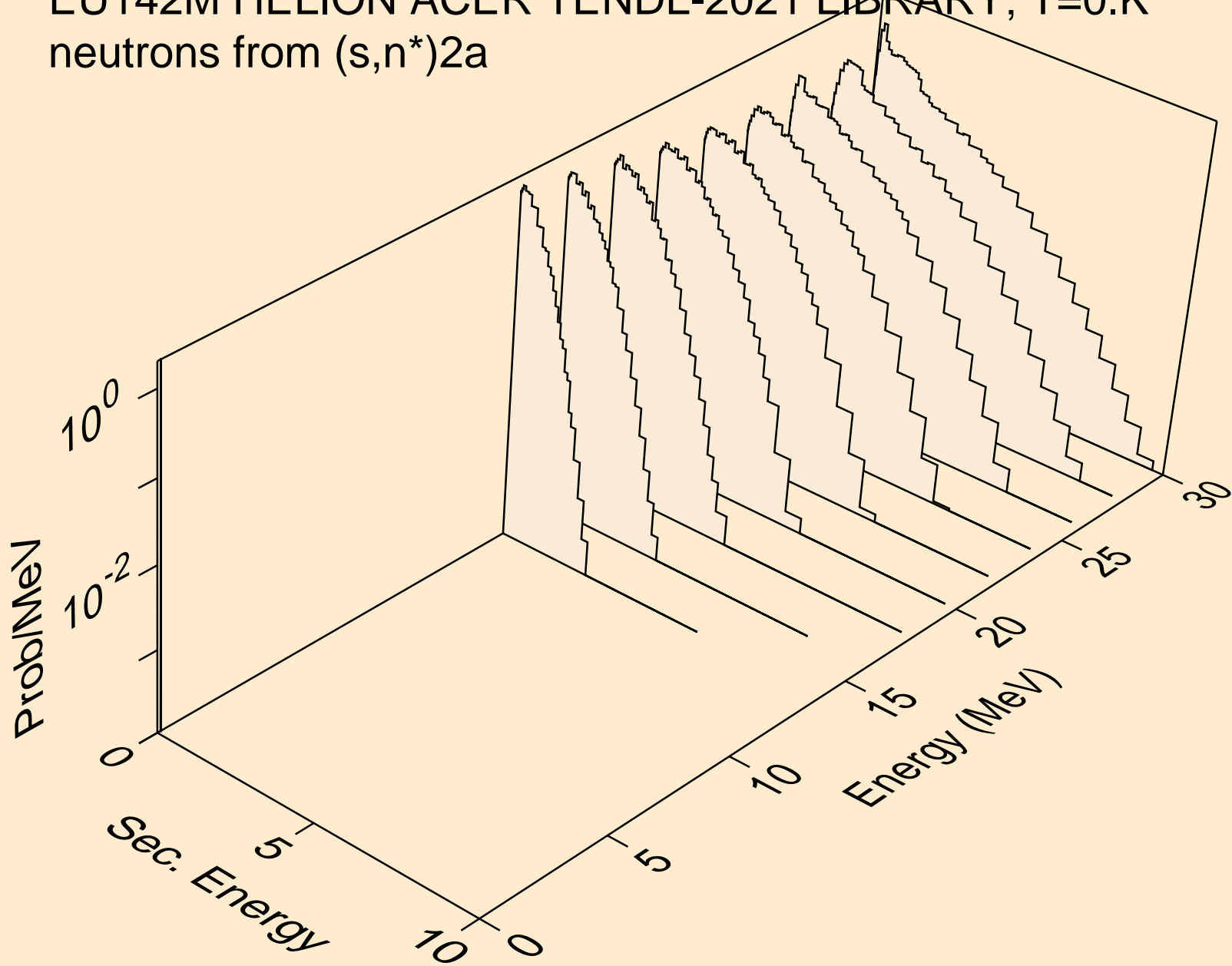
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

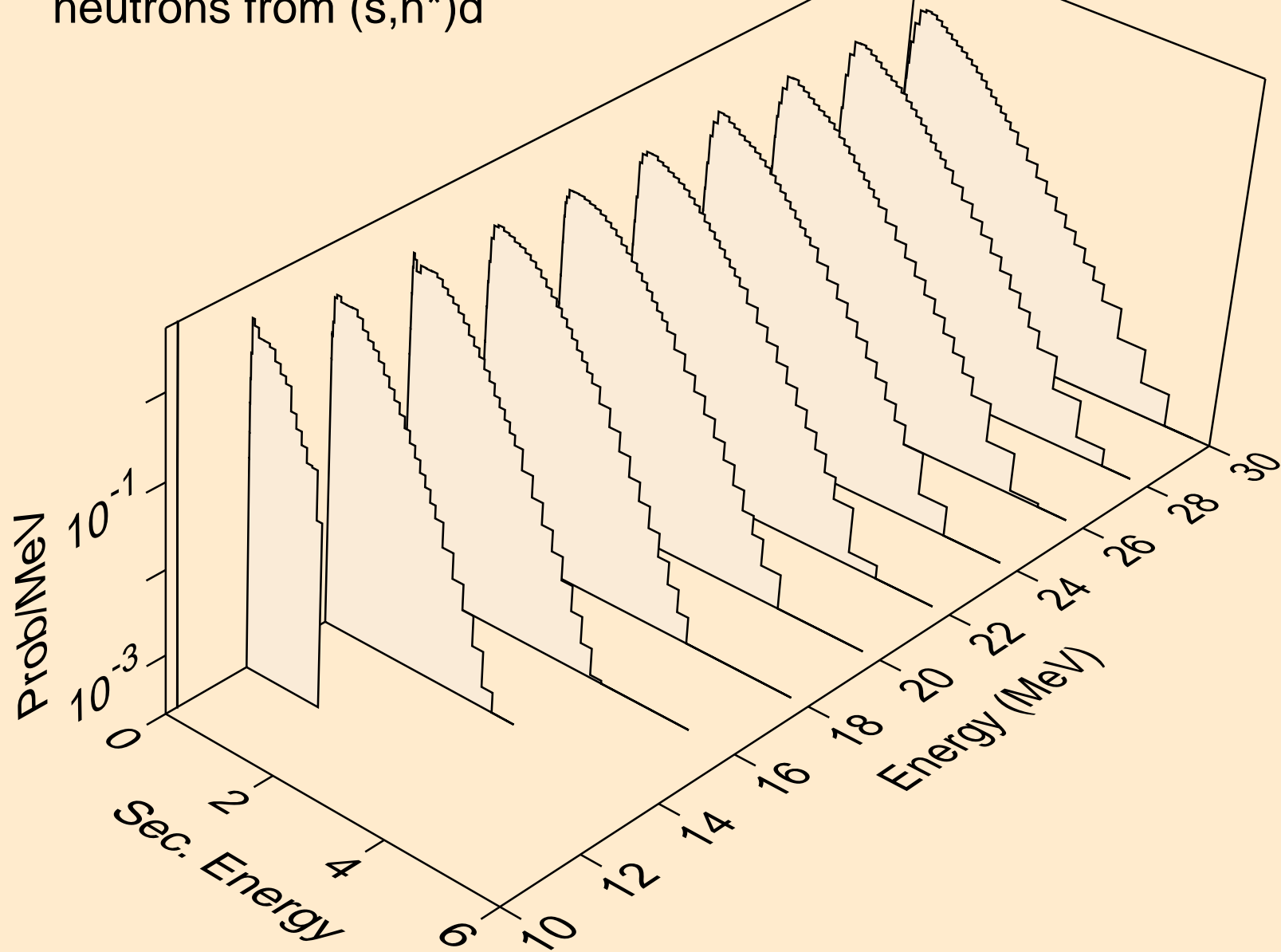


EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

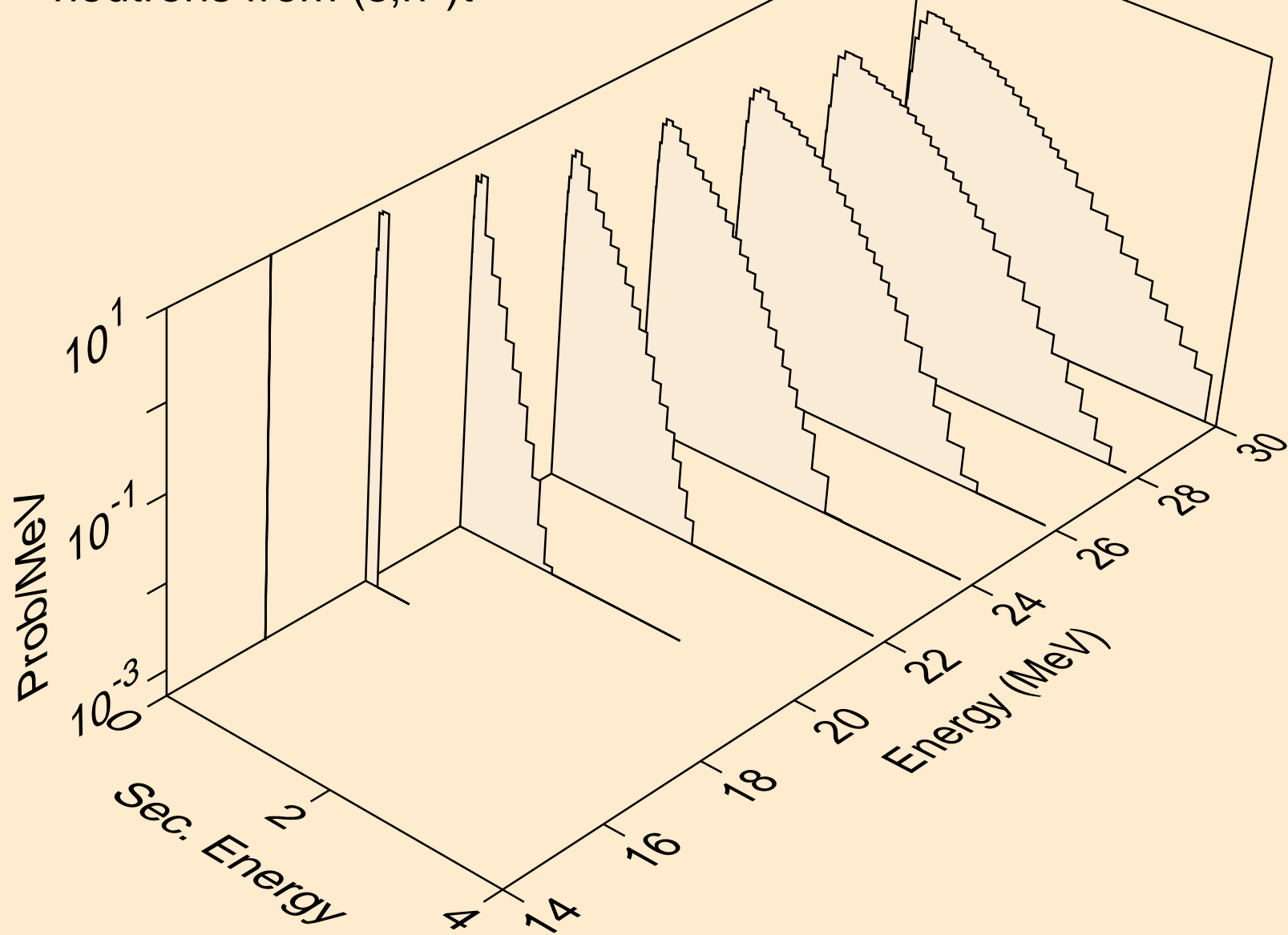




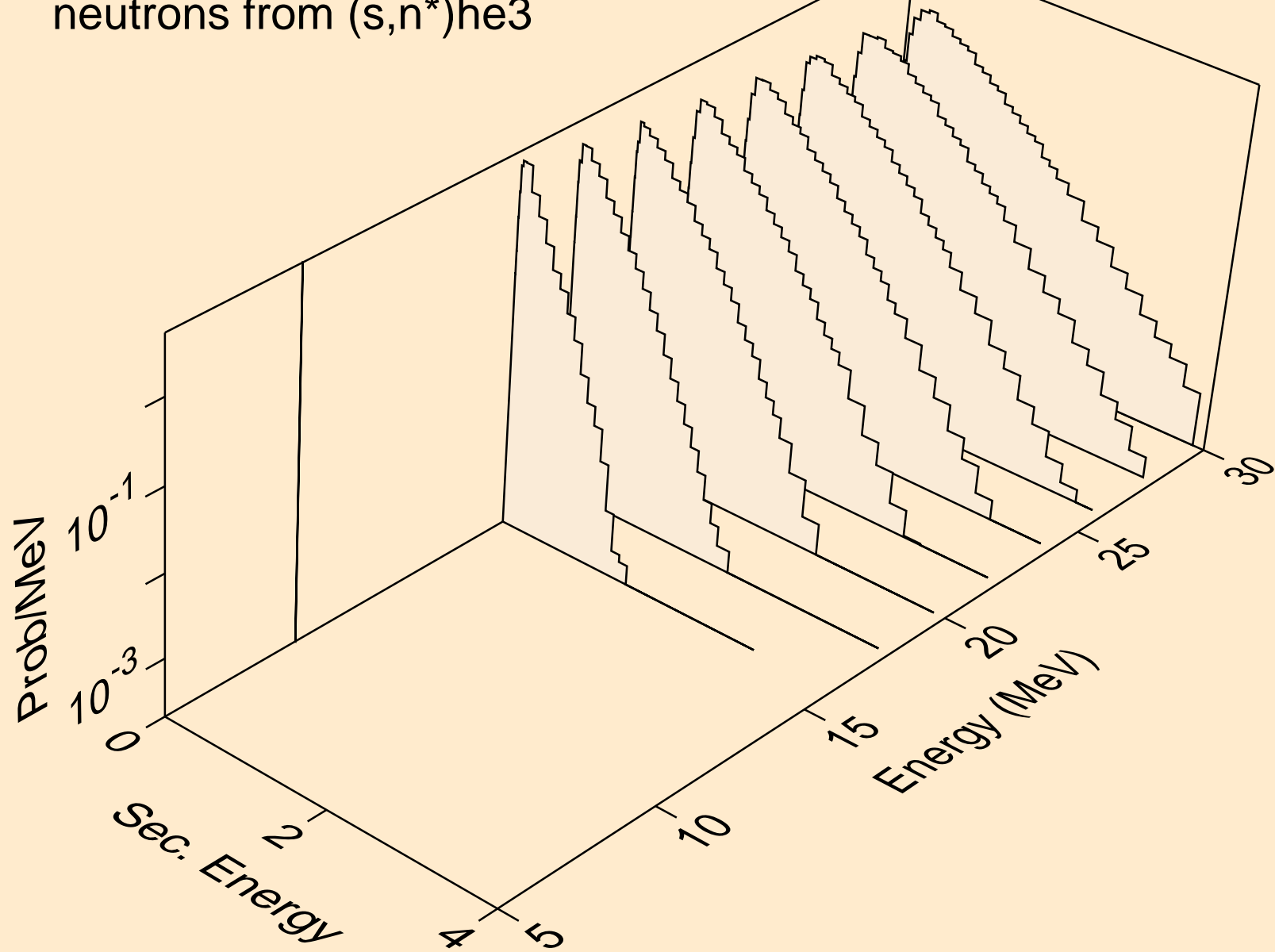
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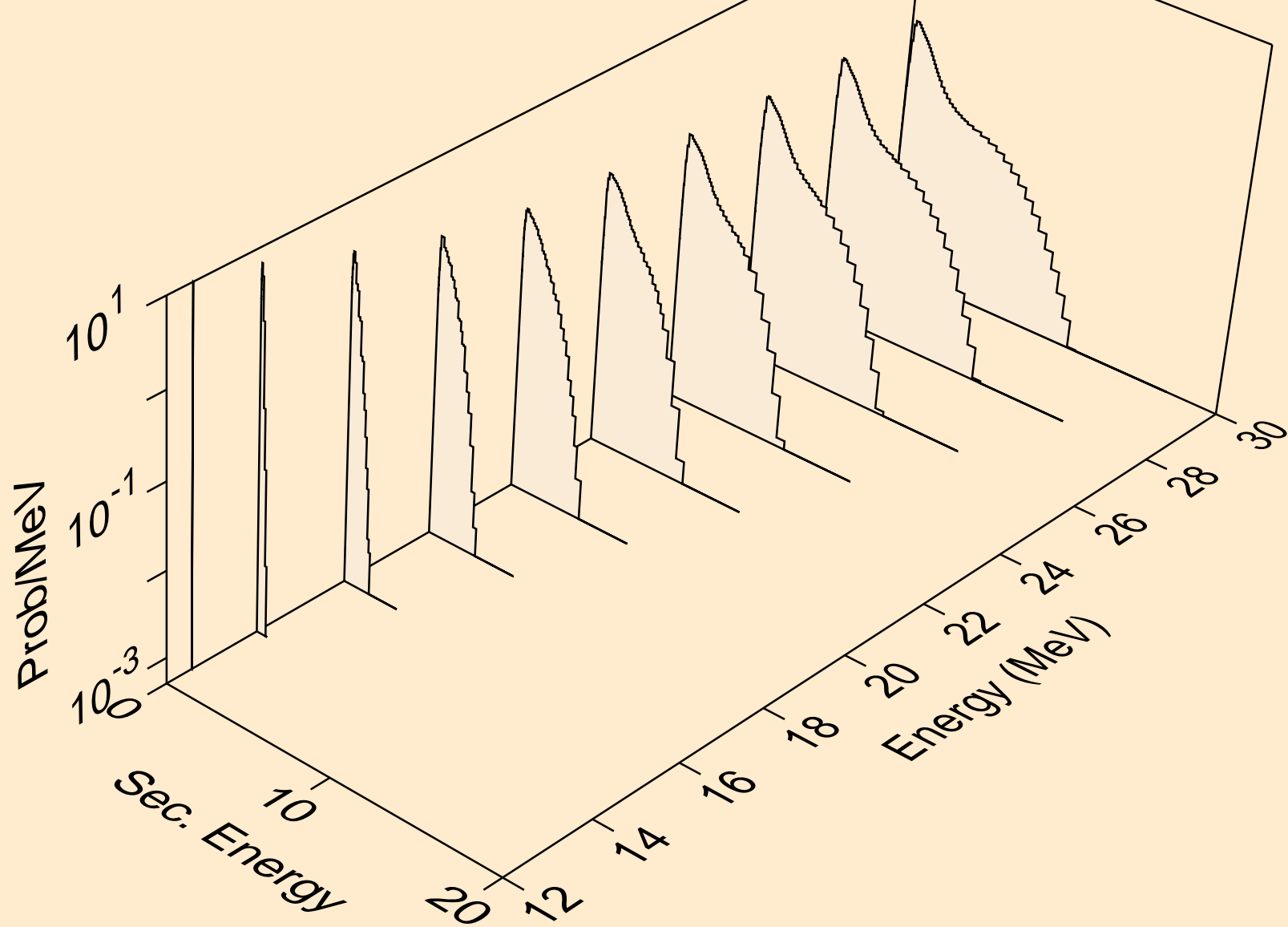
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neutrons from (s,n\*)t



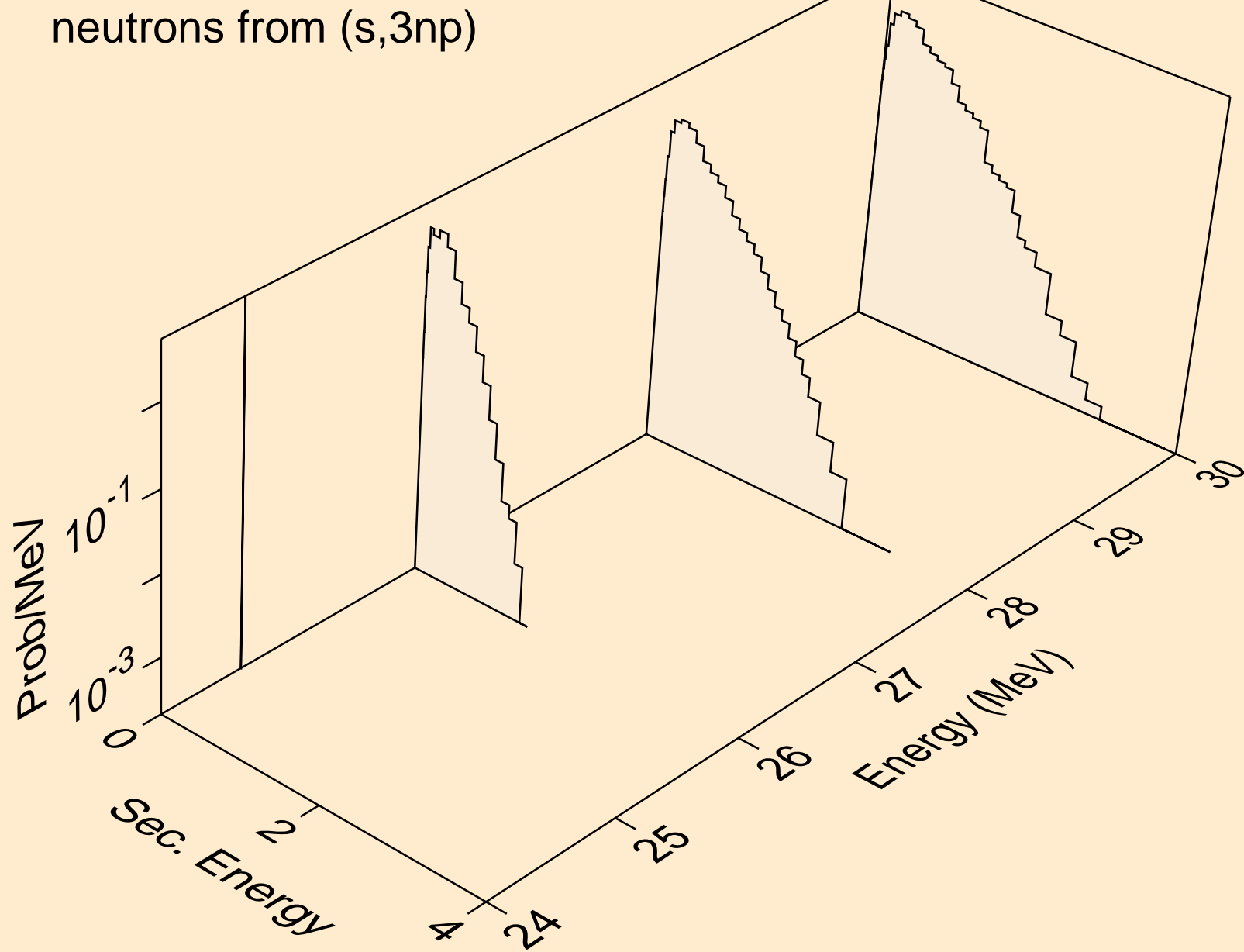
EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



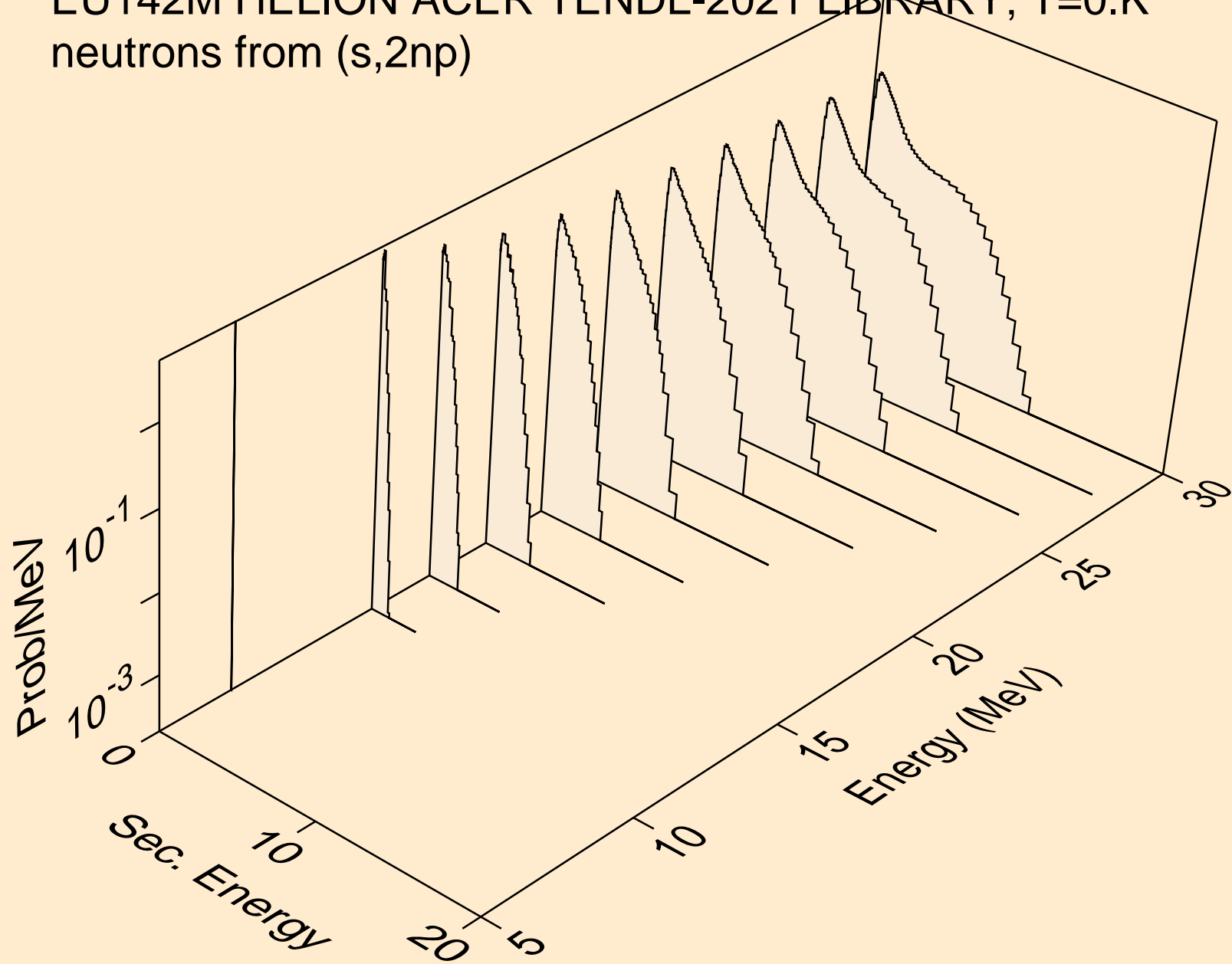
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neutrons from (s,2np)



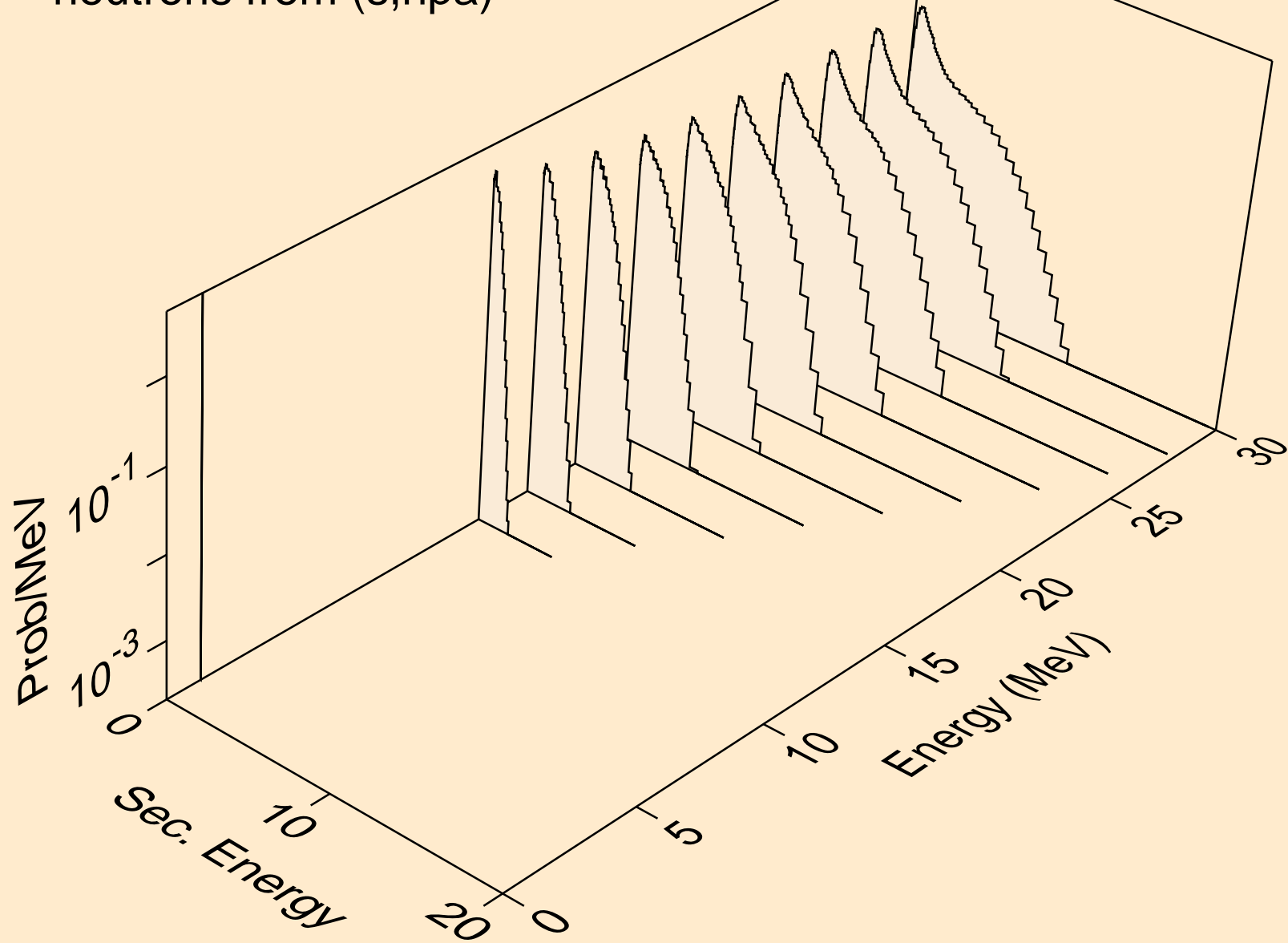
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neutrons from (s,3np)



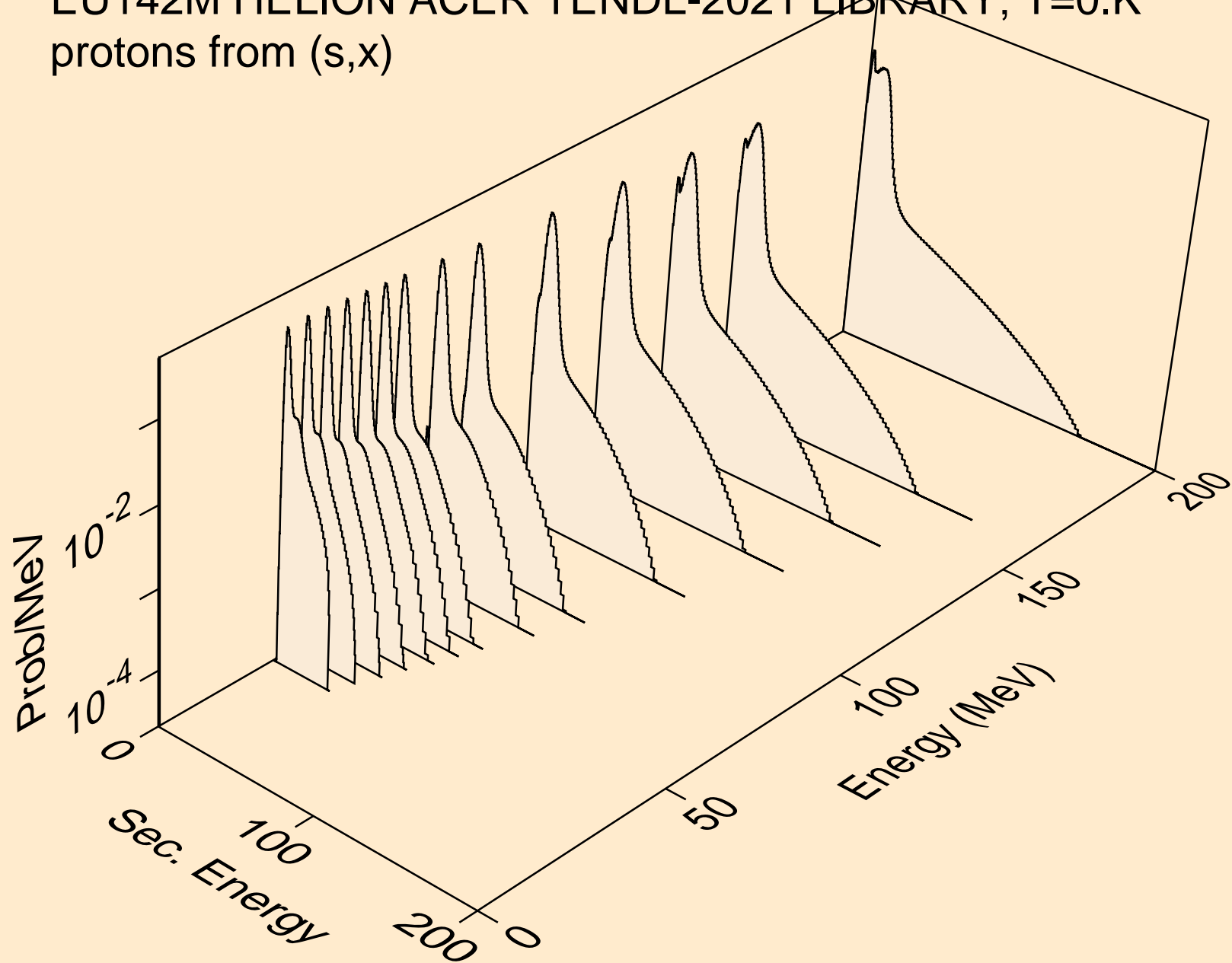
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neutrons from (s,2np)



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)

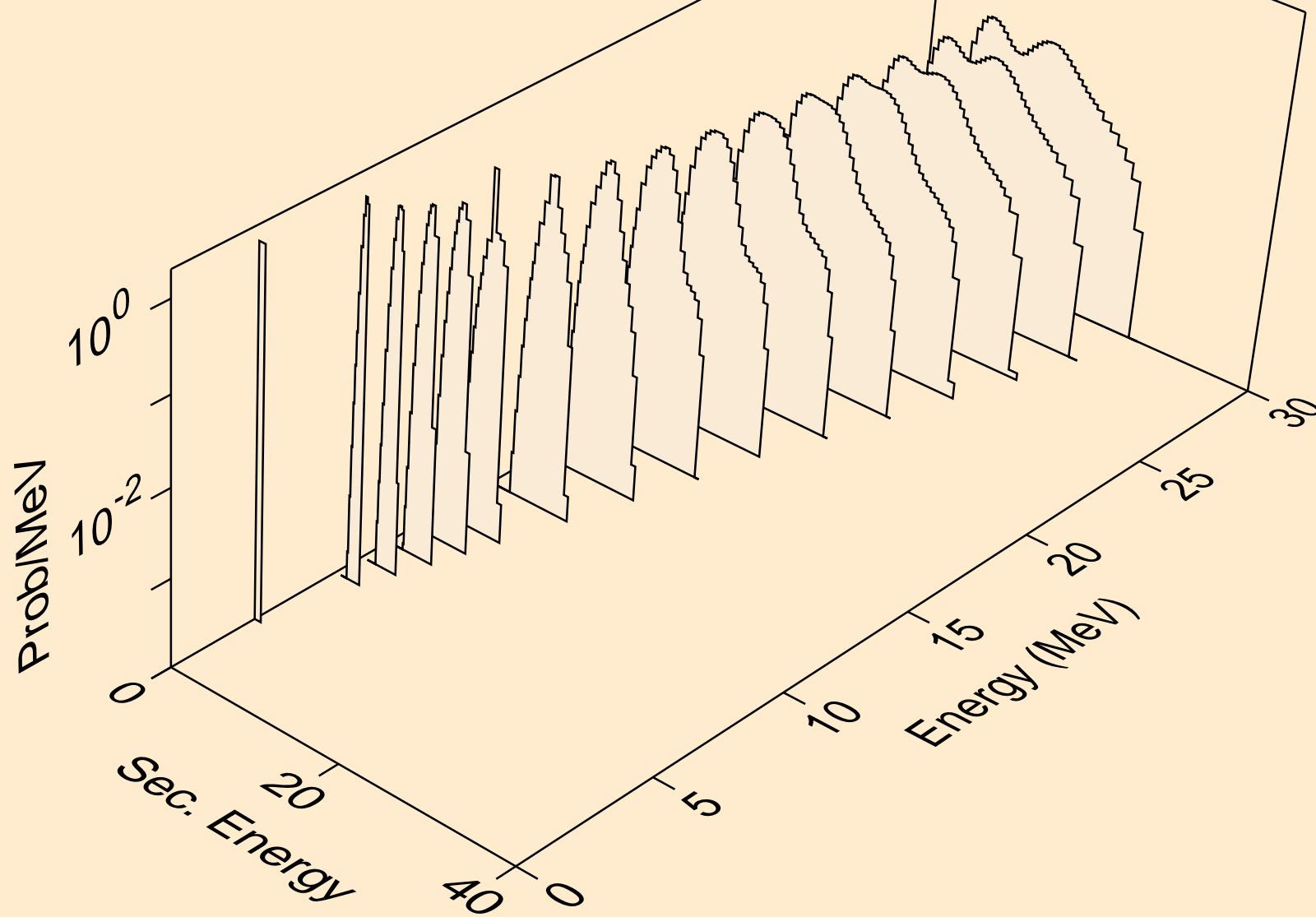


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protons from (s,x)

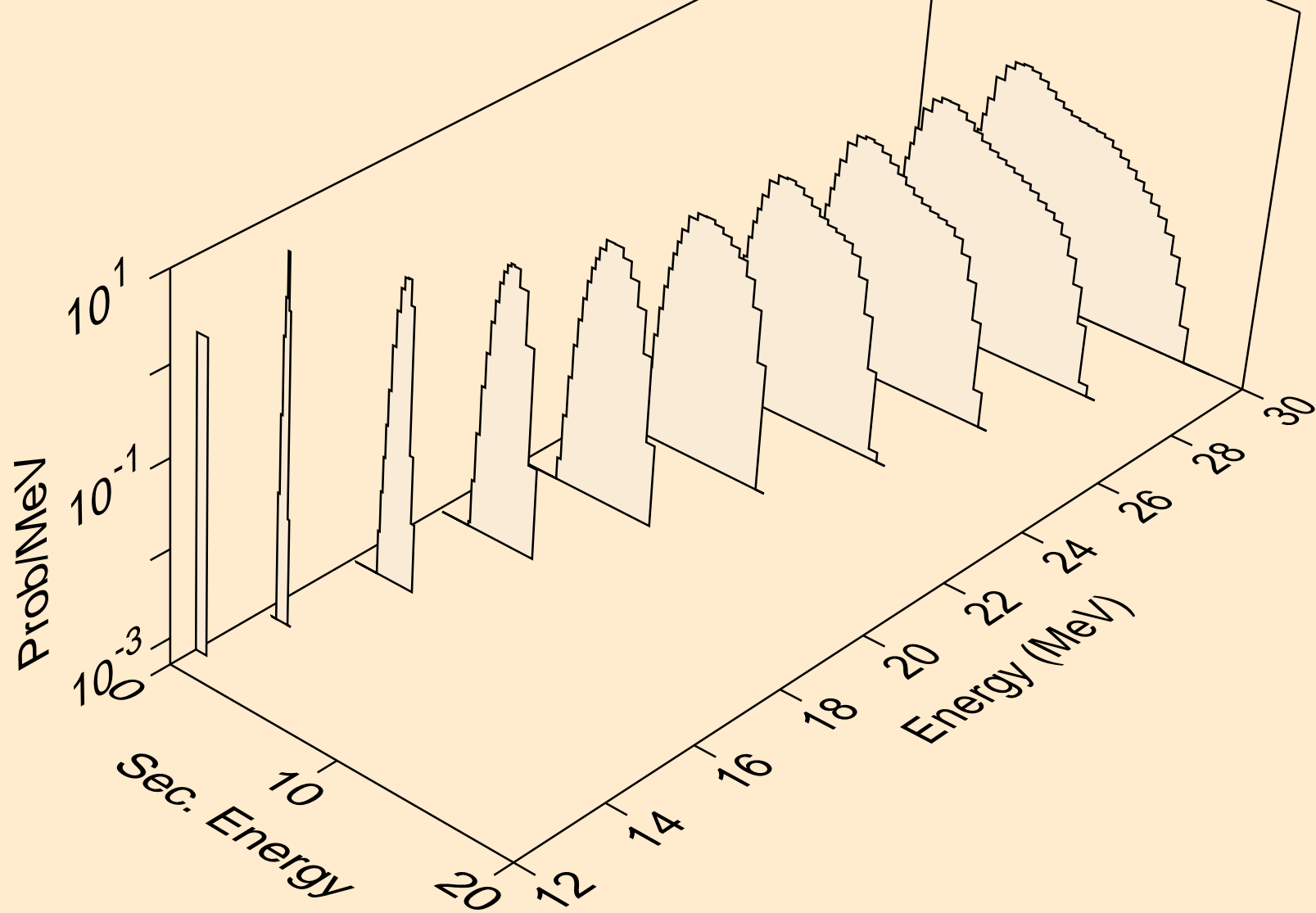




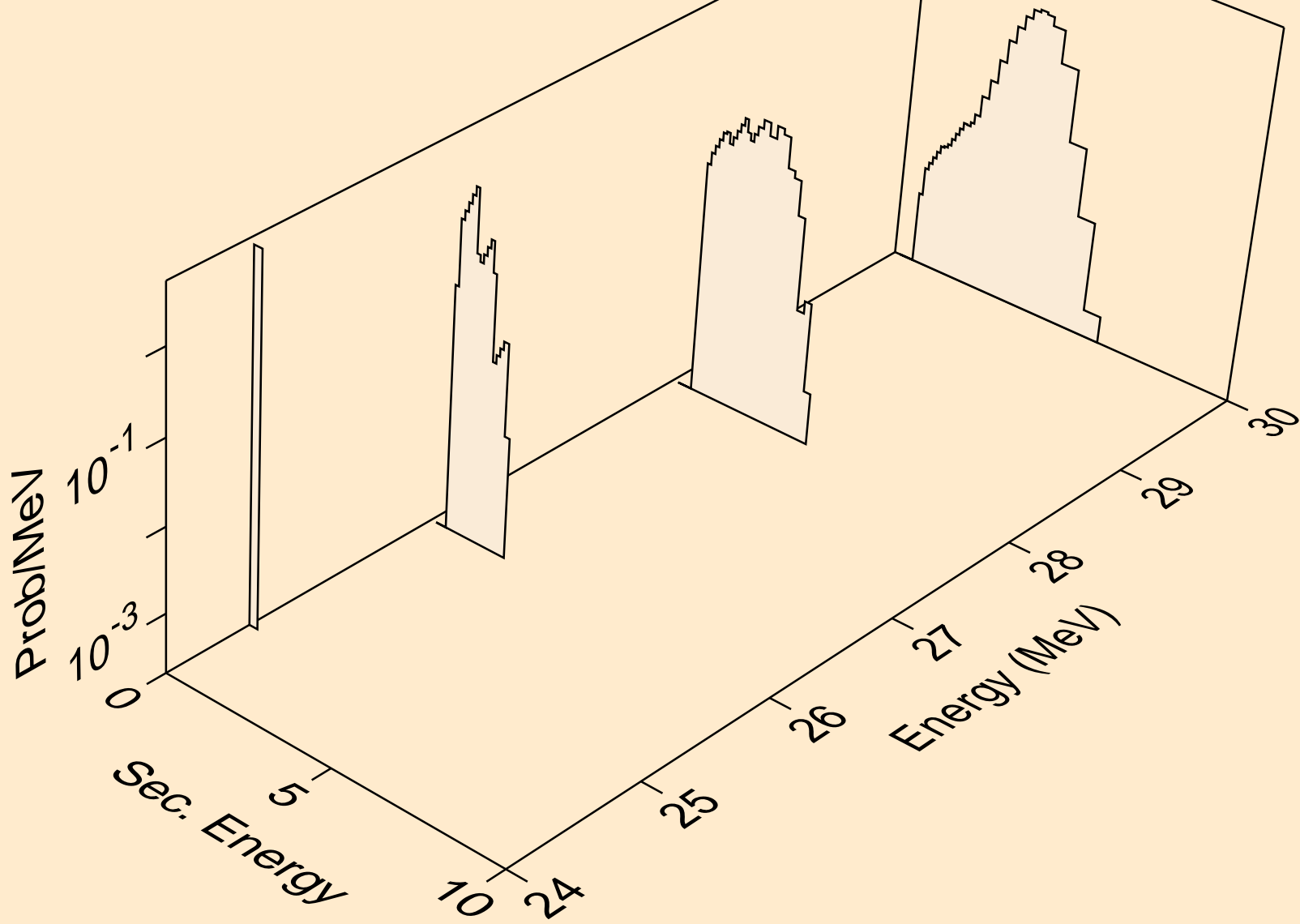
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protons from (s,n\*)p



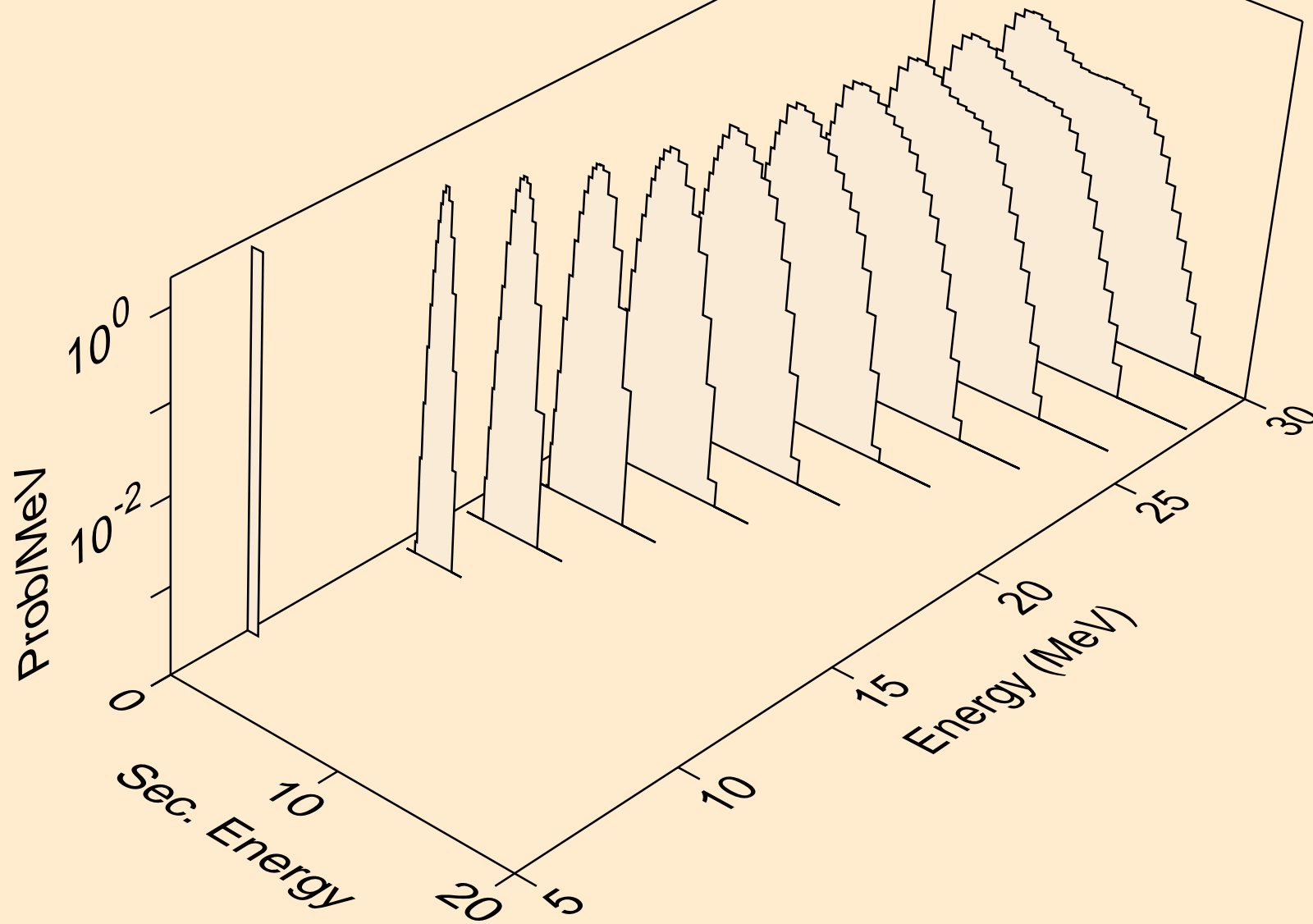
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protons from (s,2np)



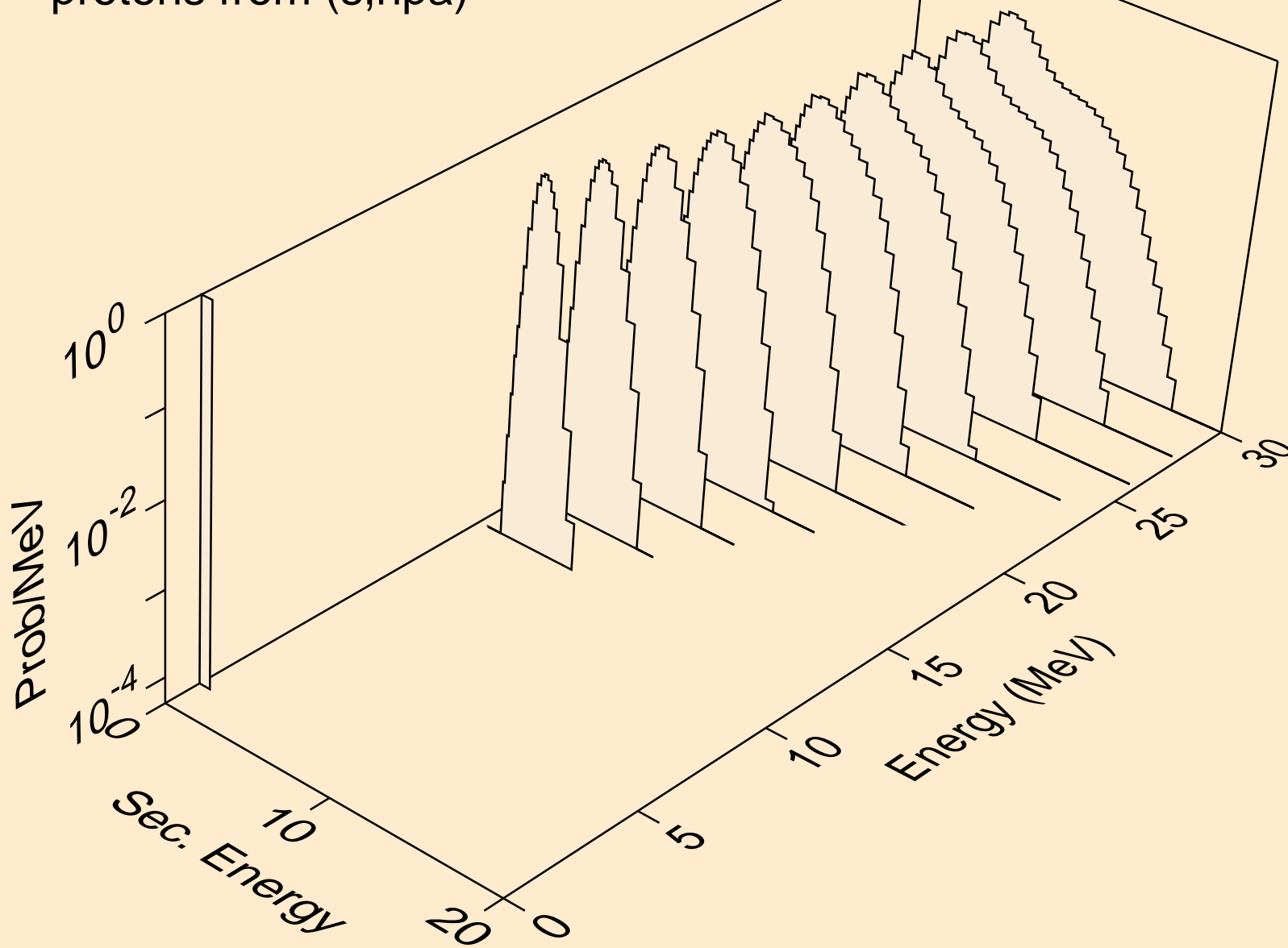
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protons from (s,3np)



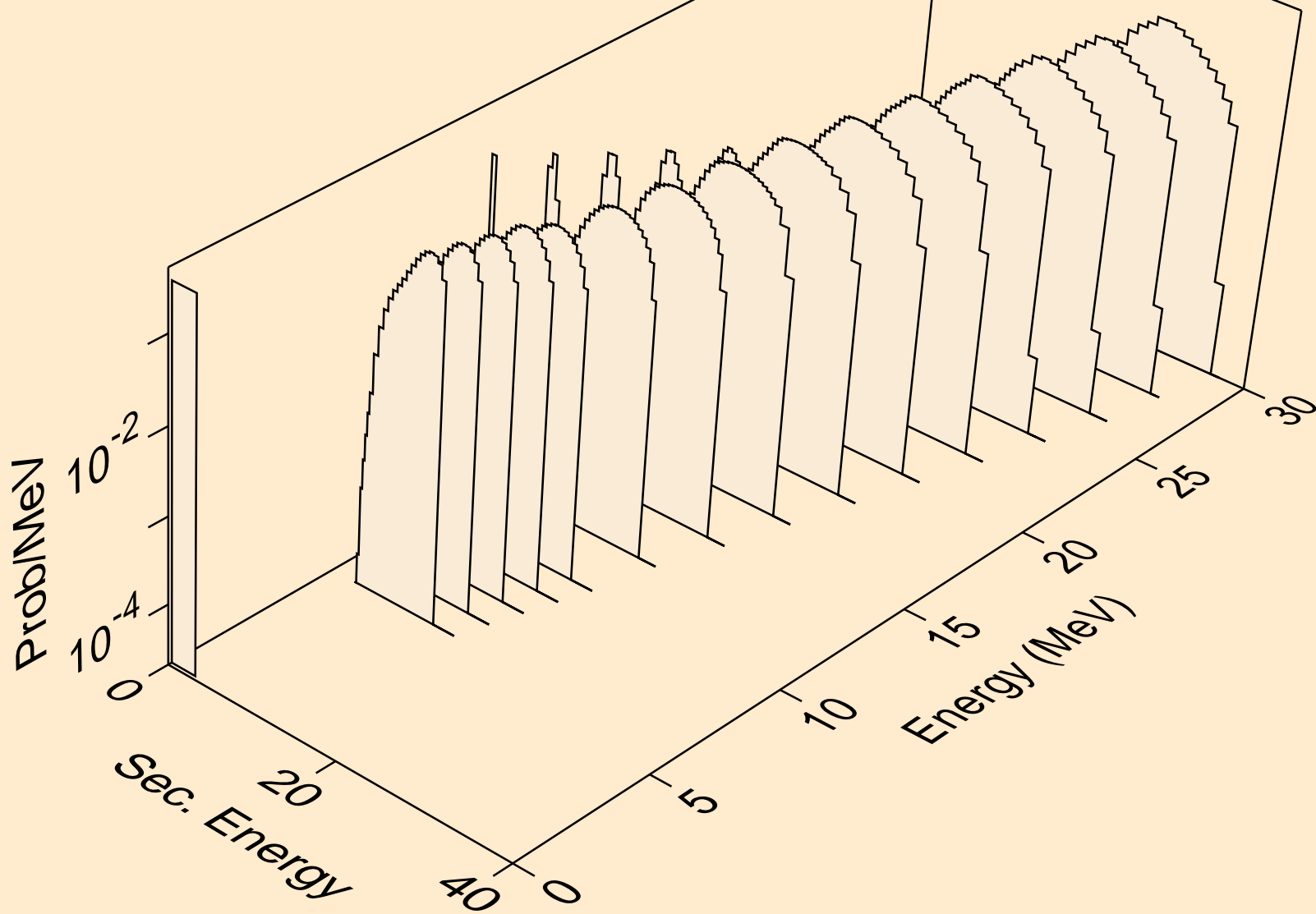
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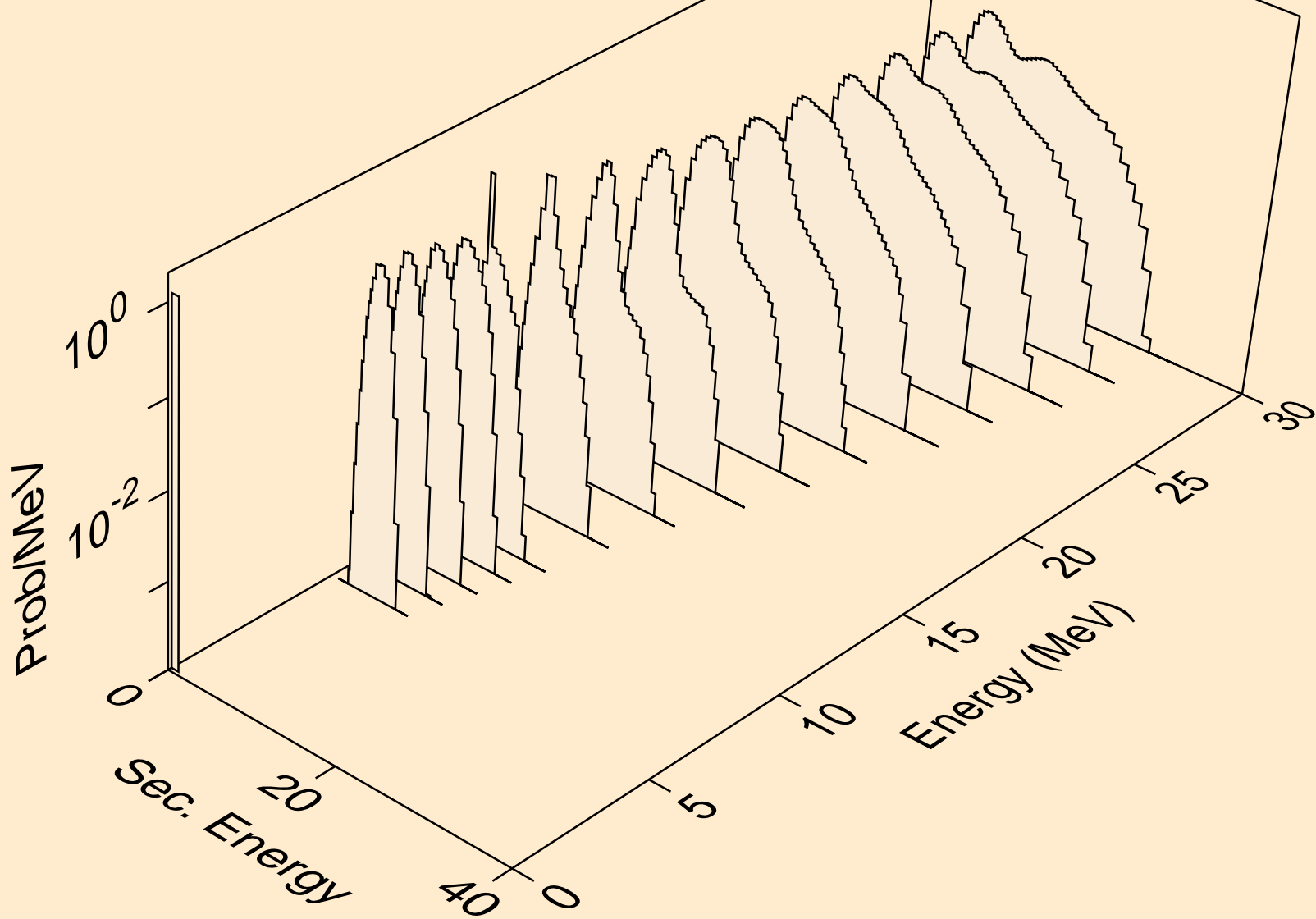
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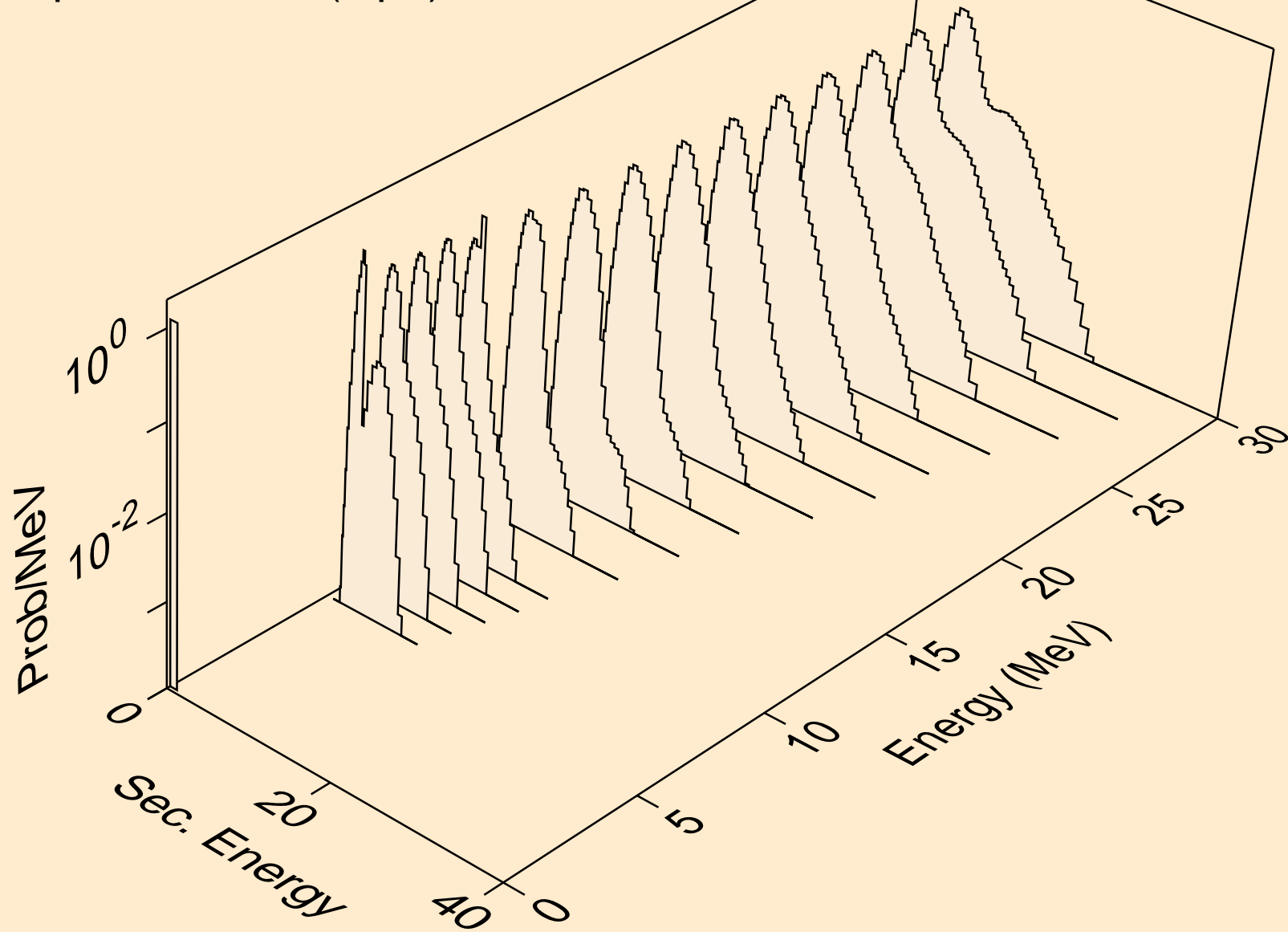
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protons from (s,p)



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
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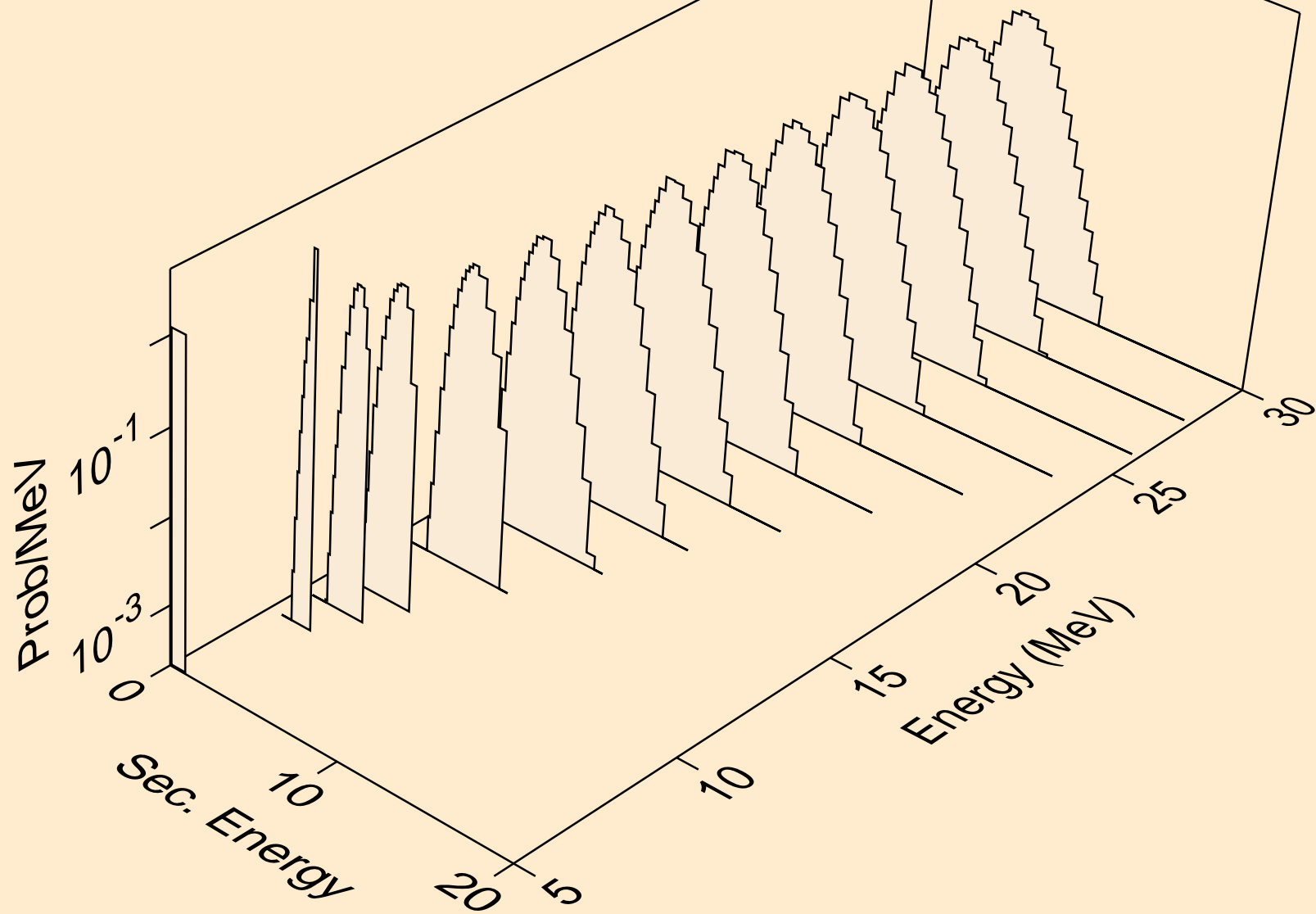


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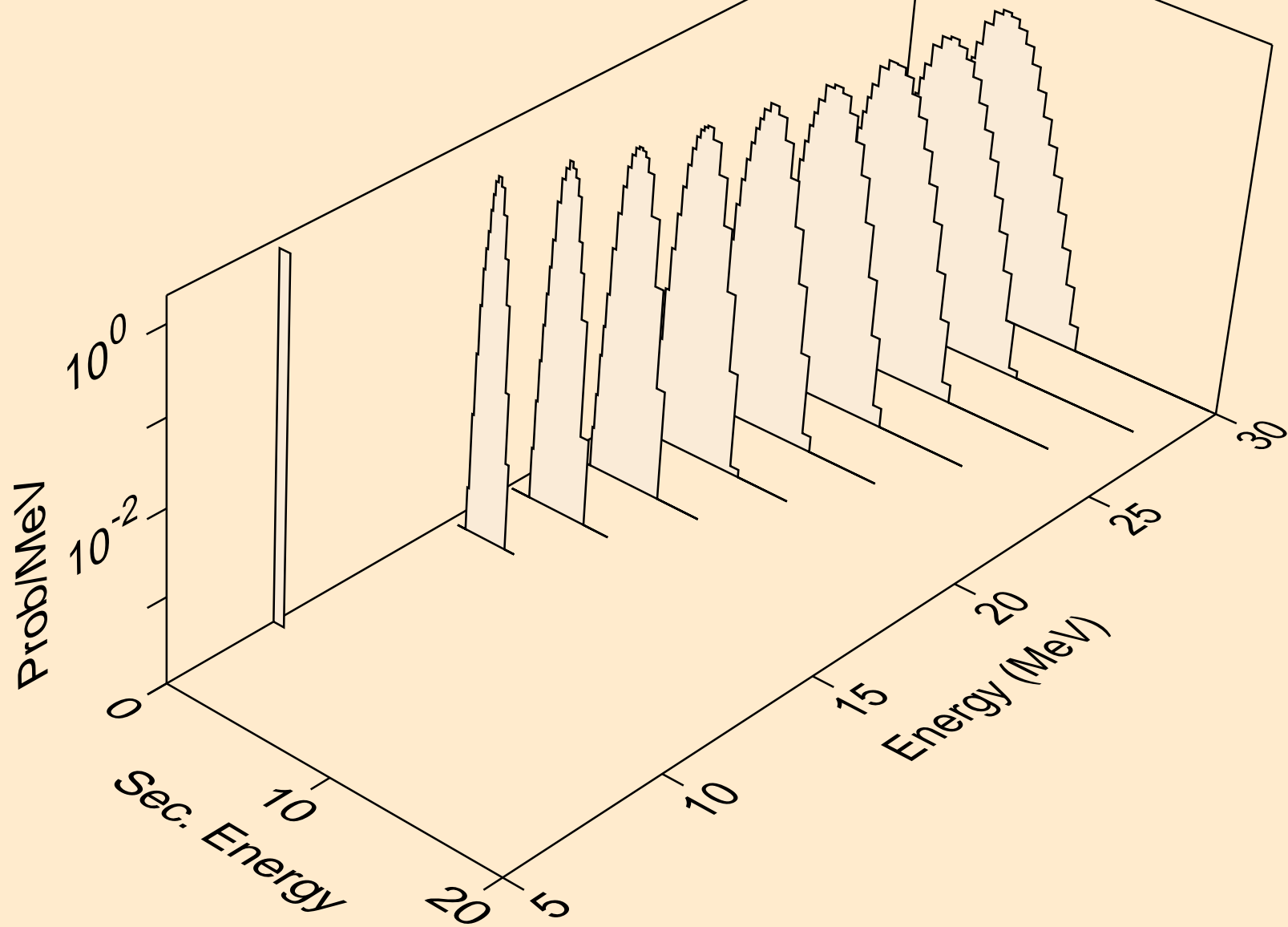




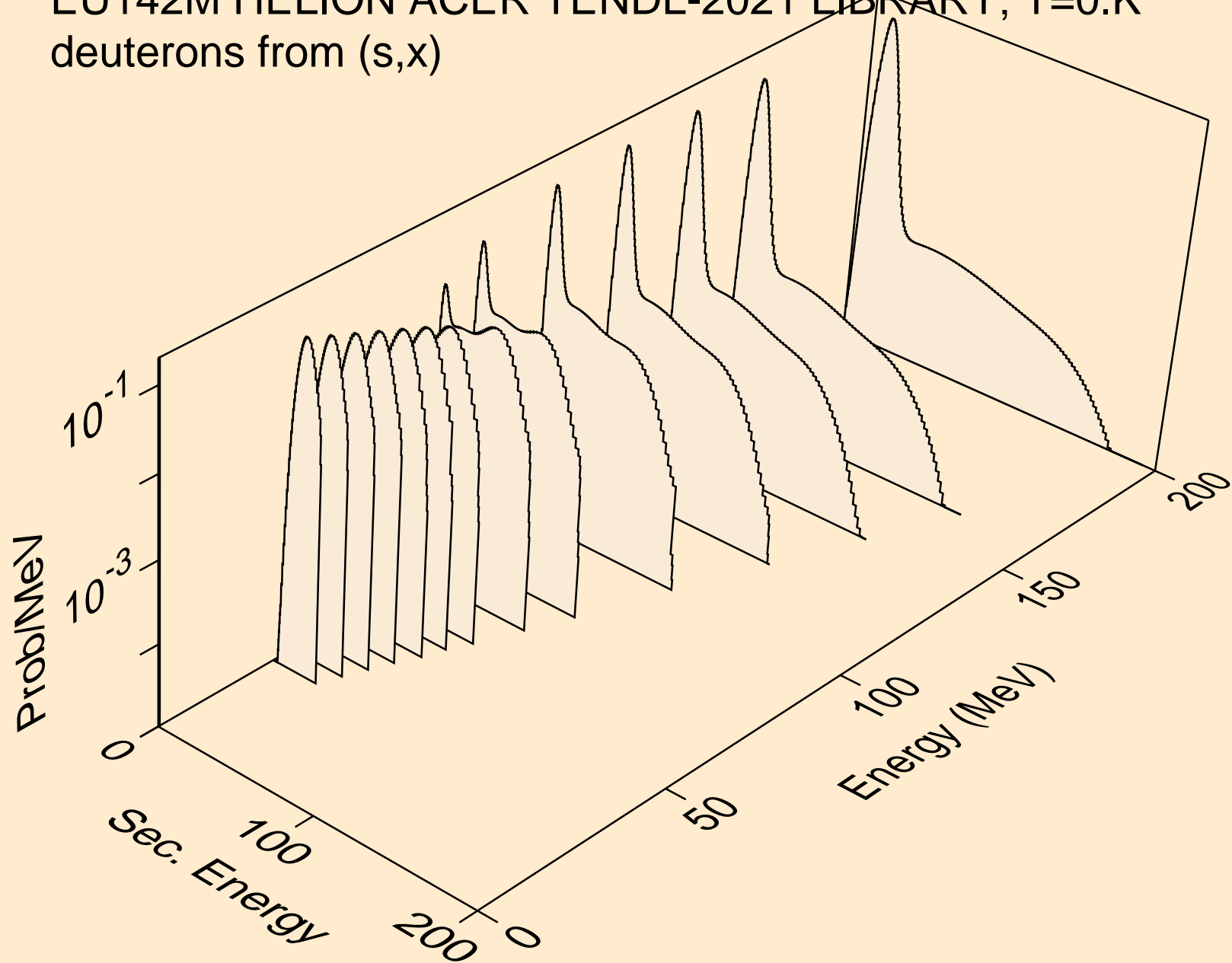
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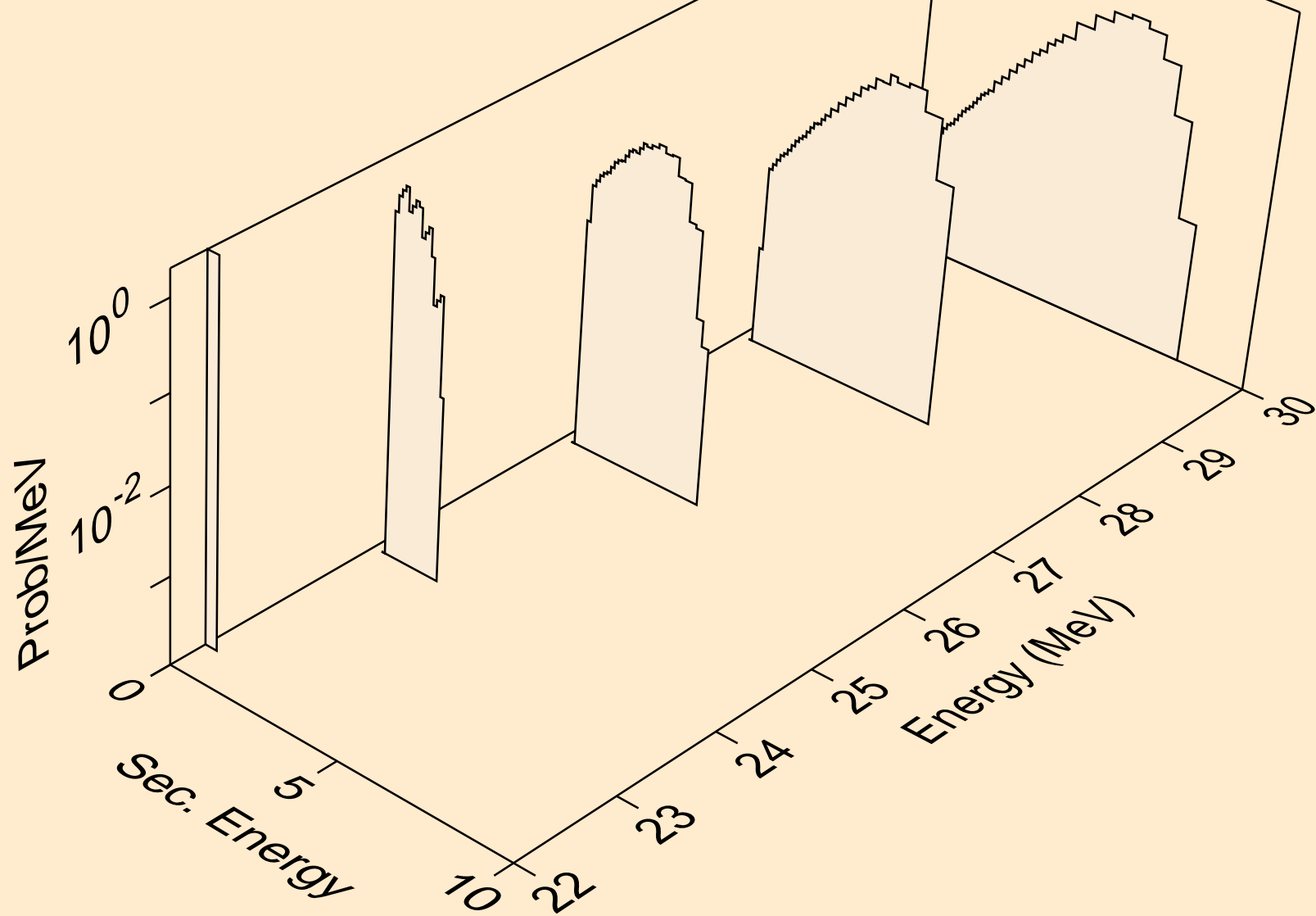
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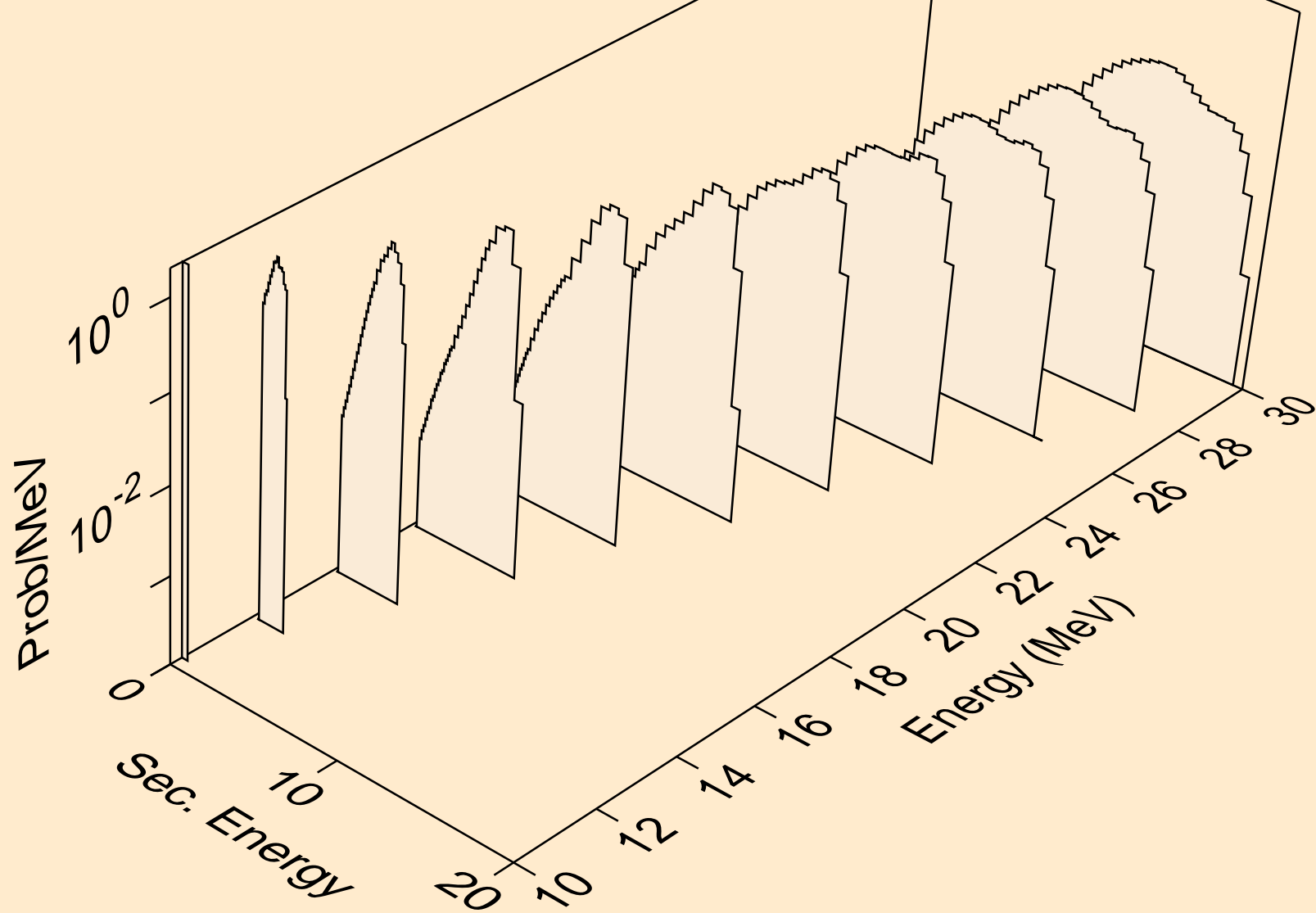
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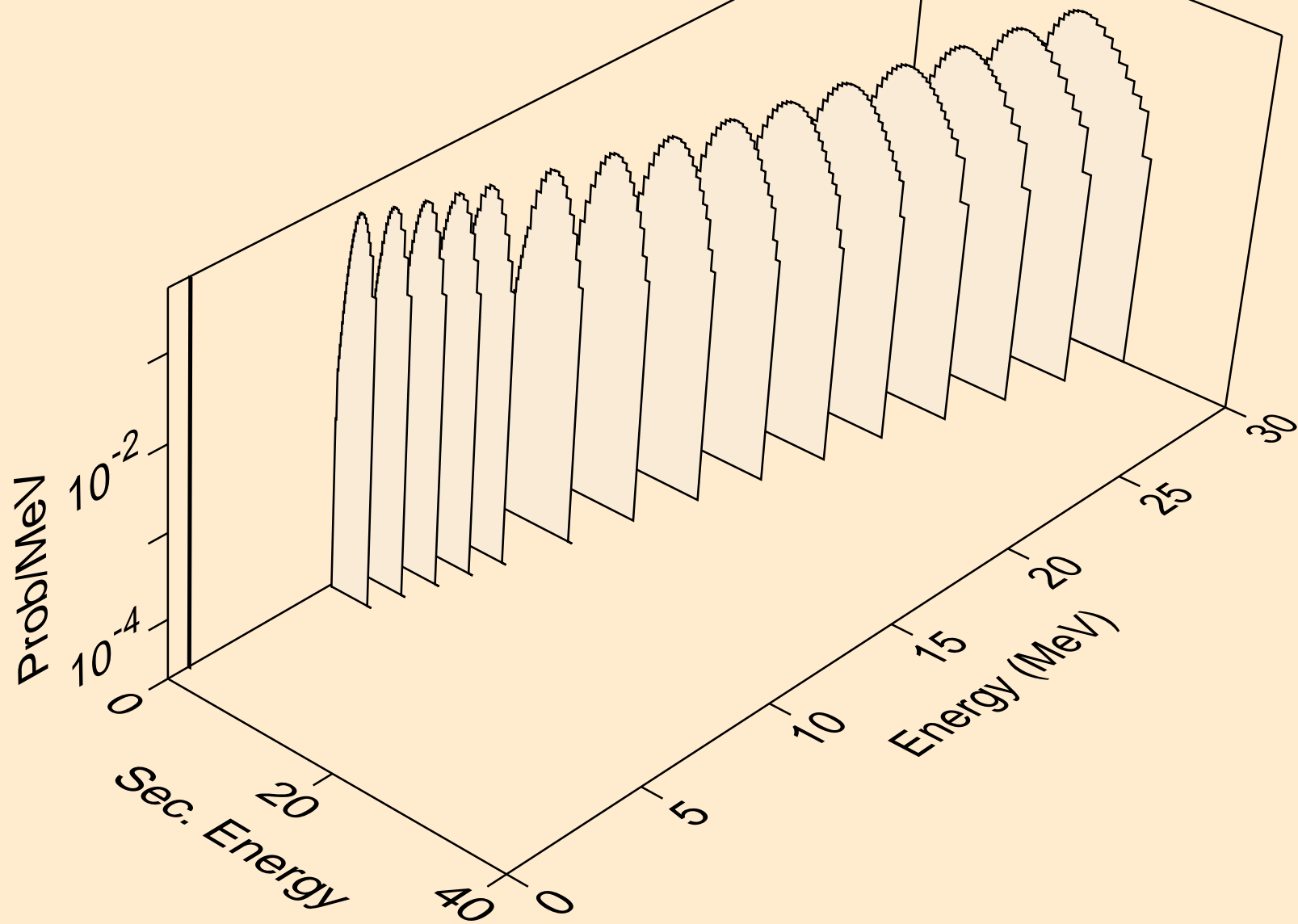
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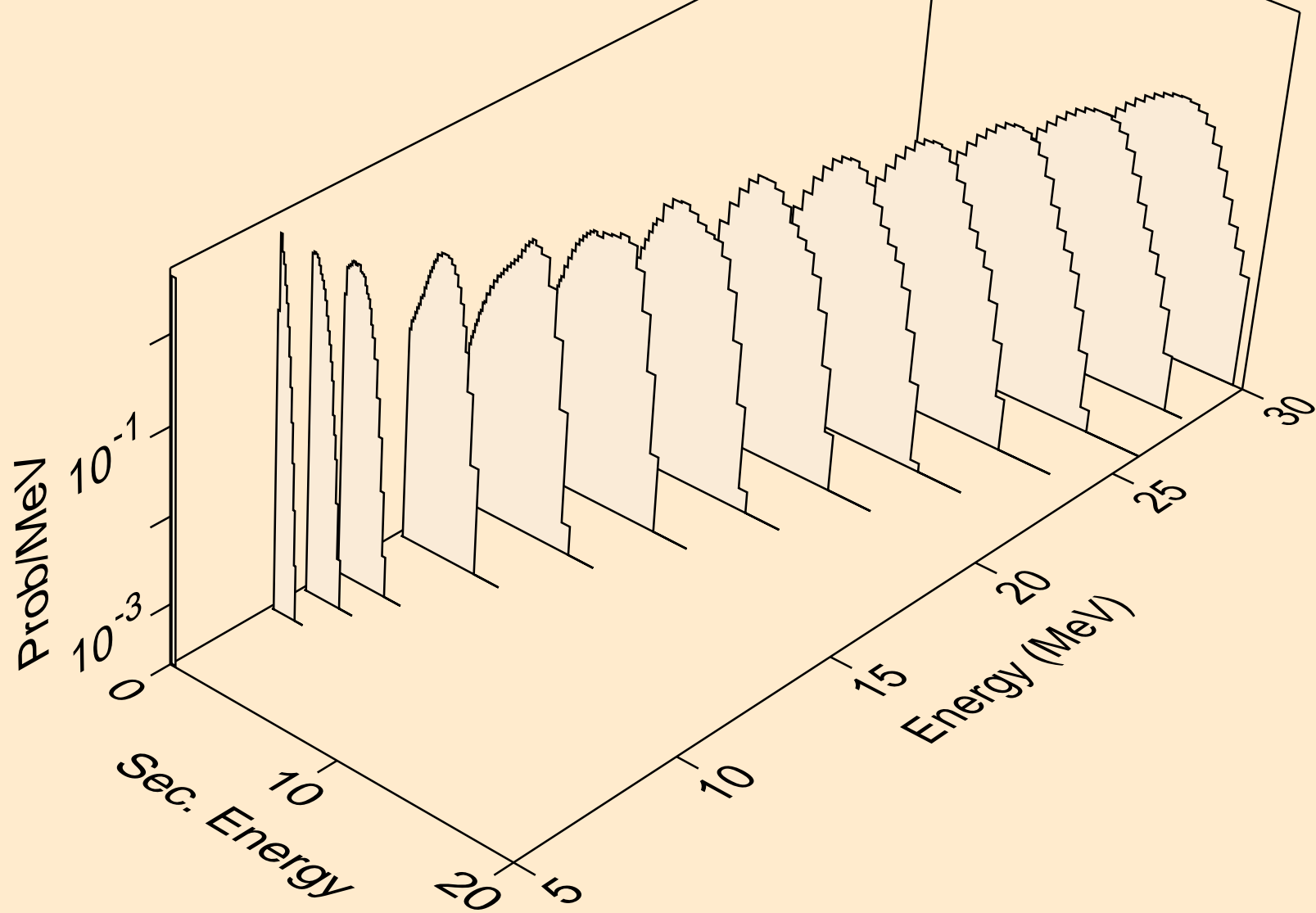
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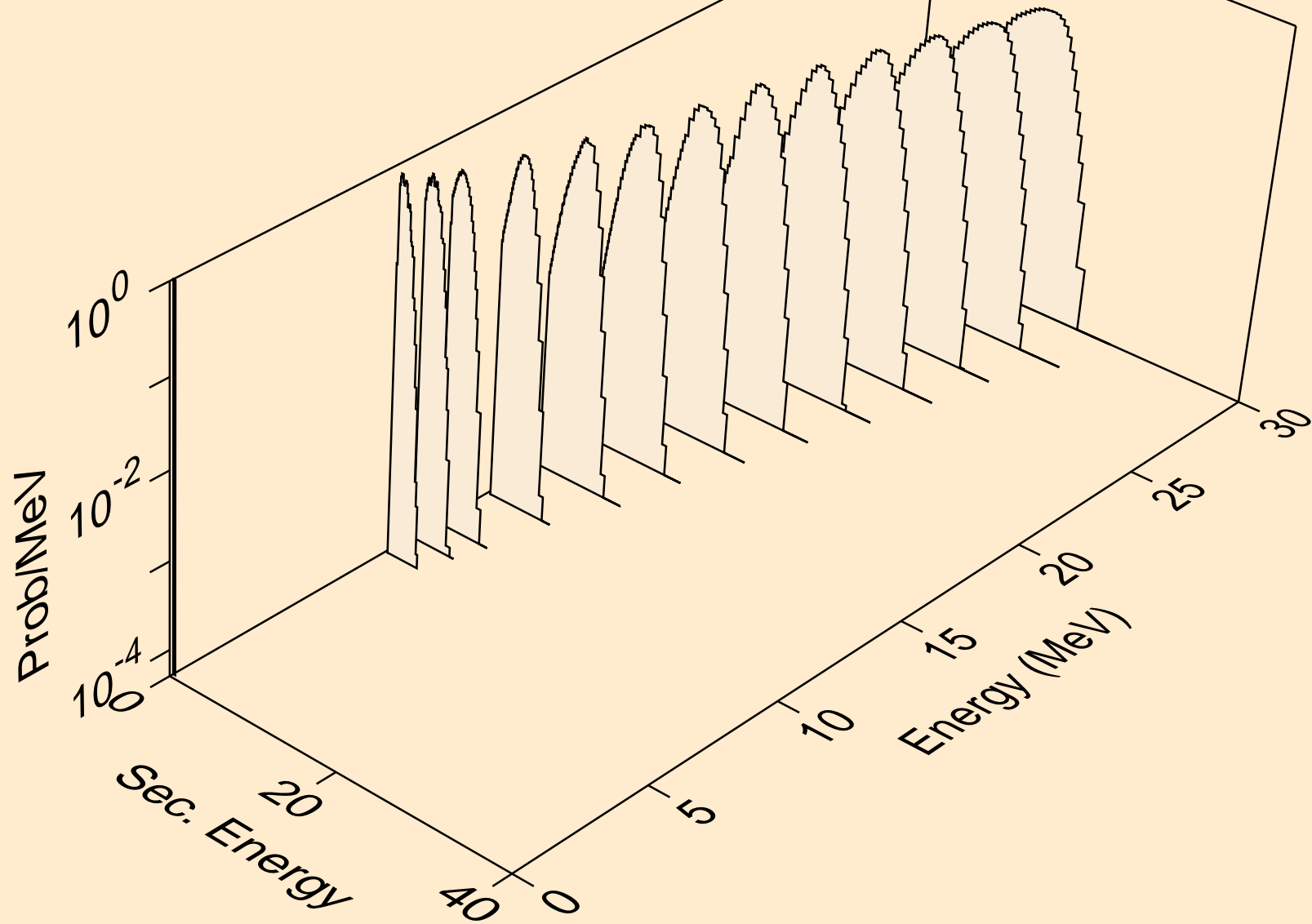
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EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
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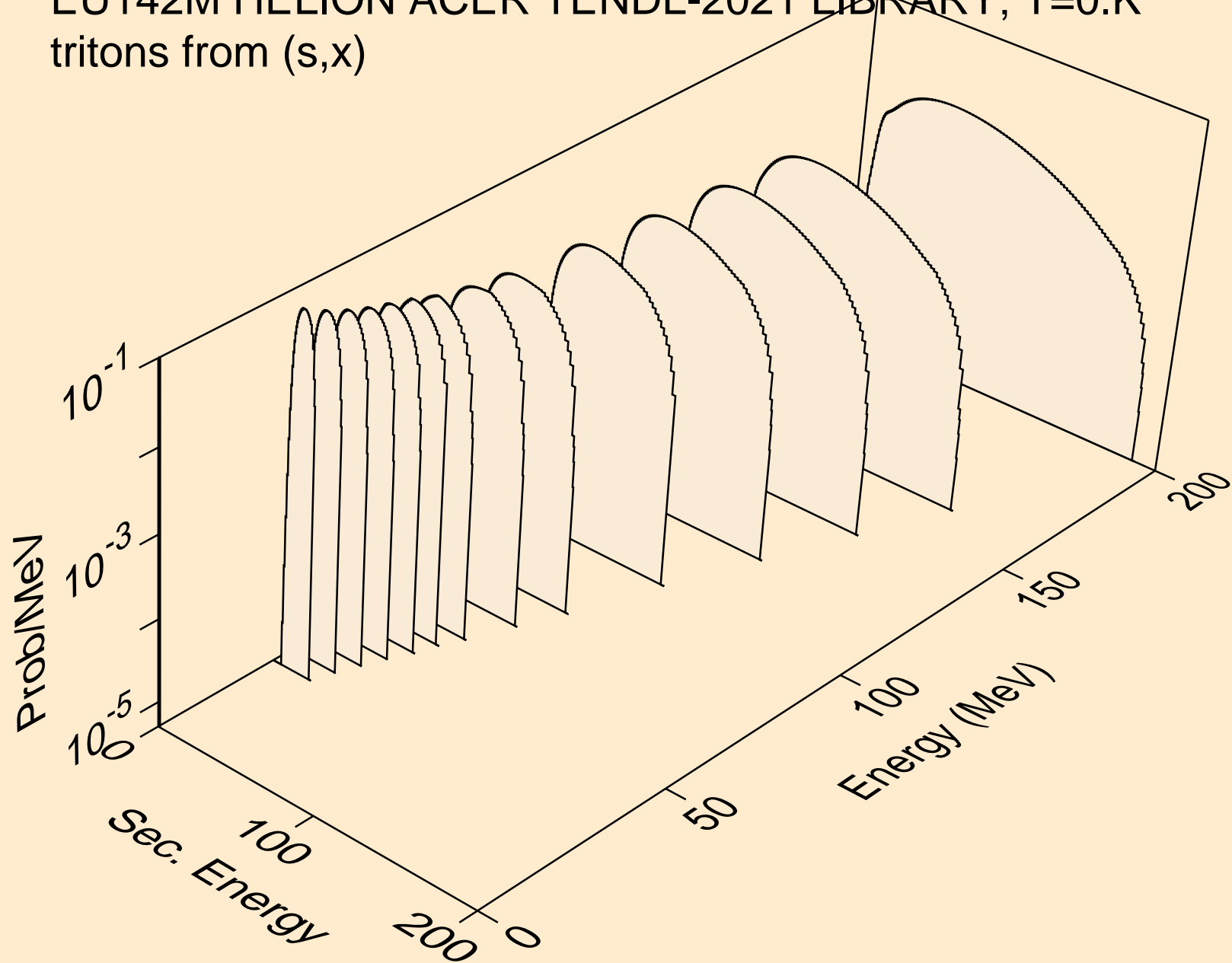


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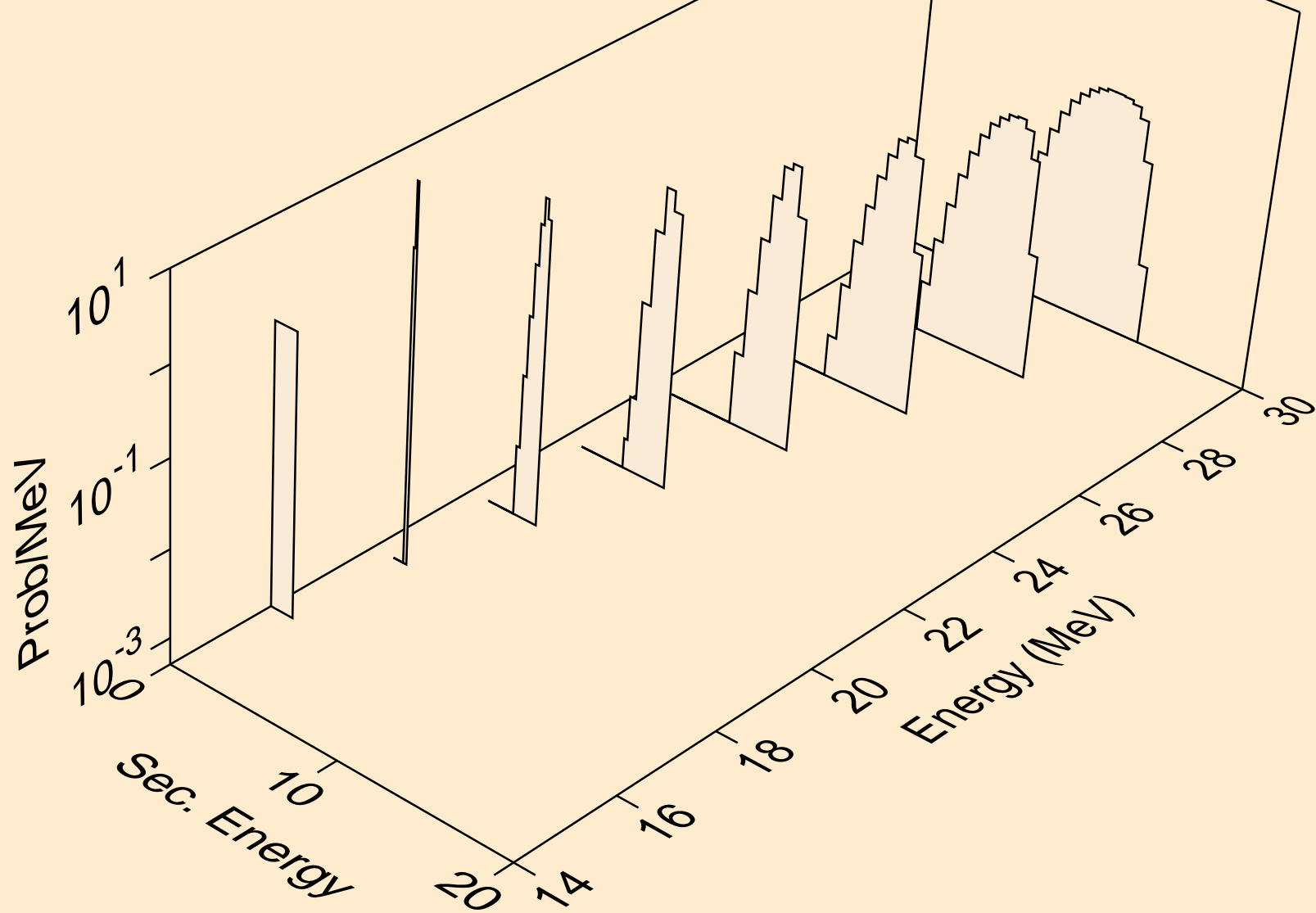




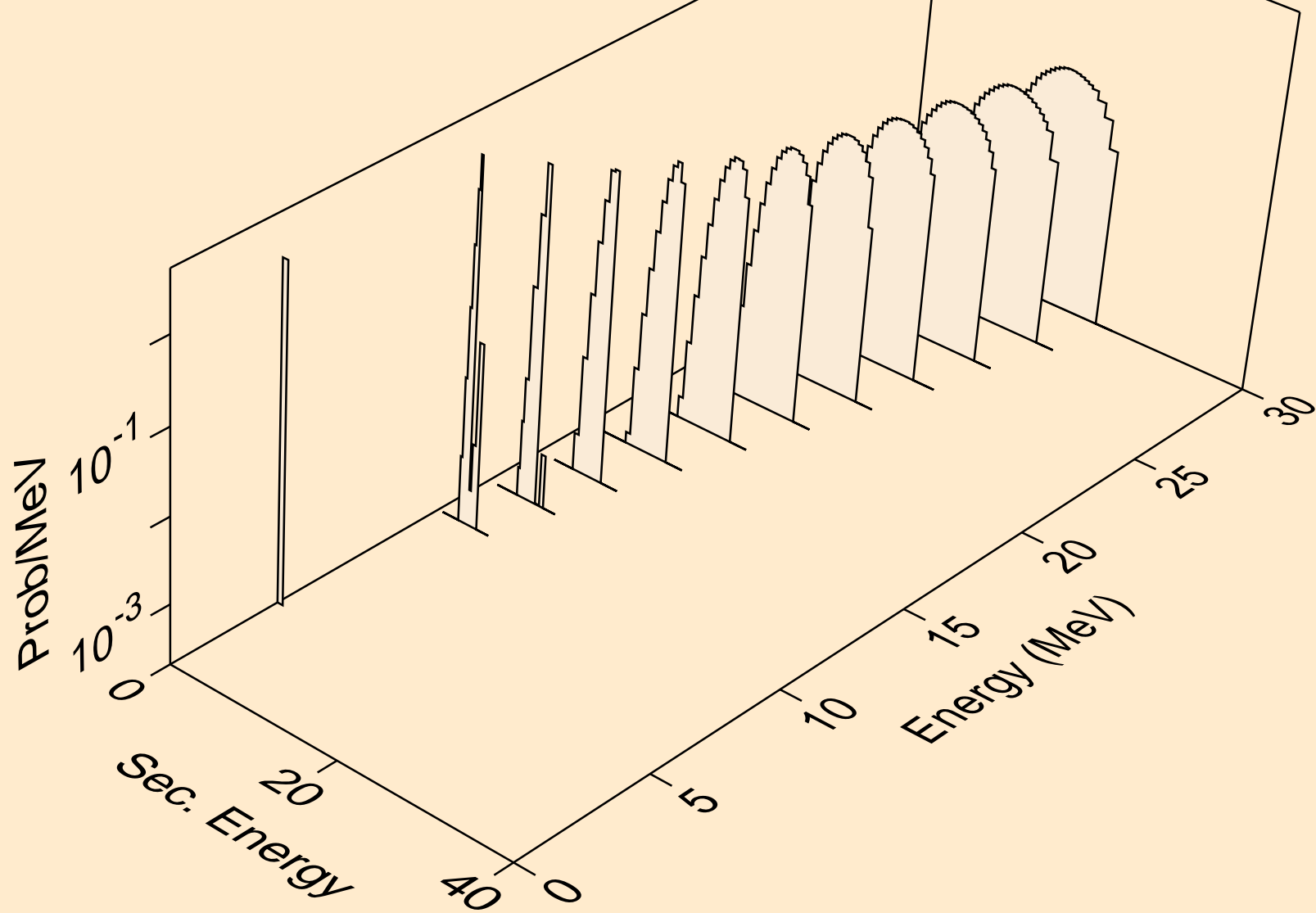
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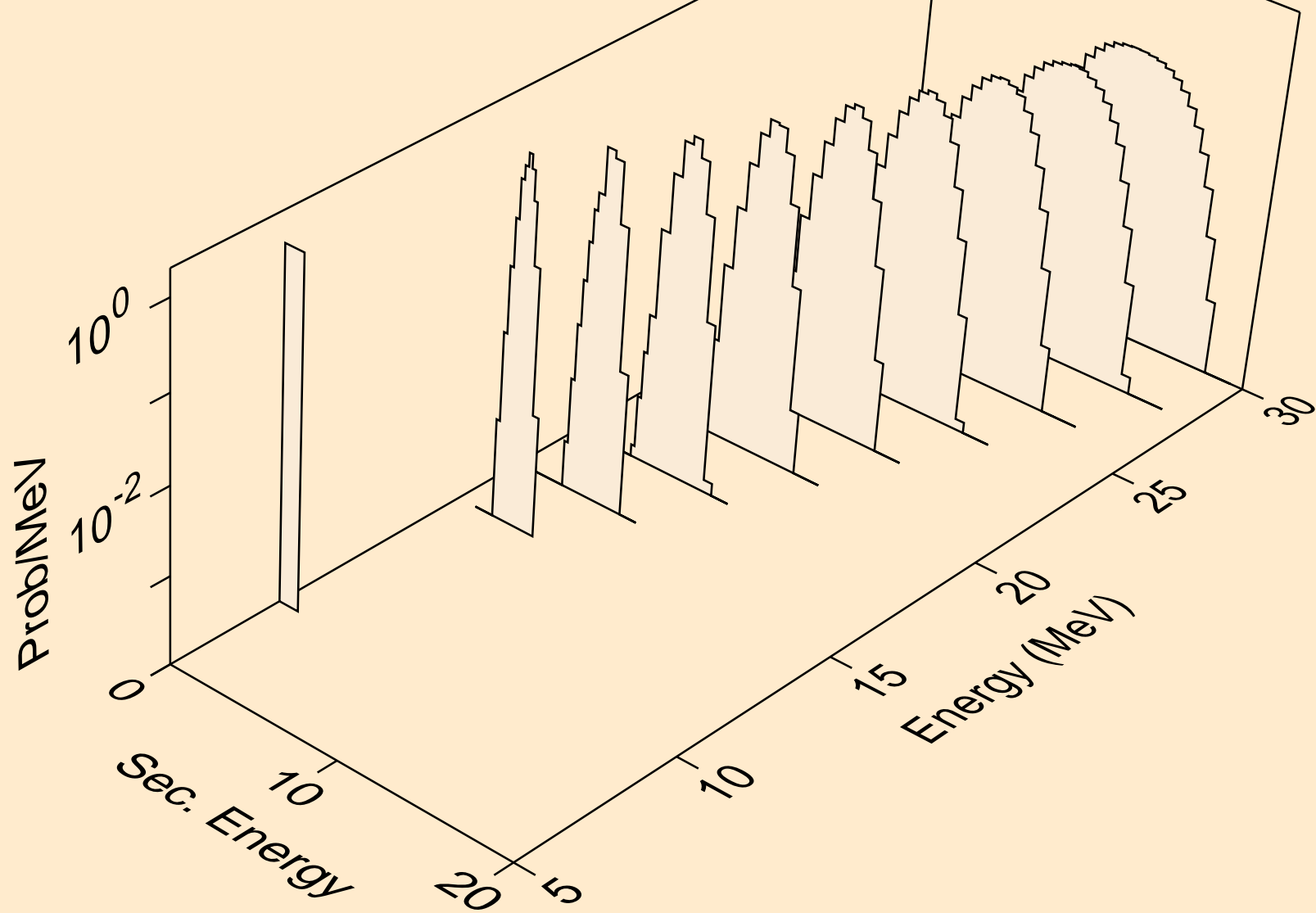
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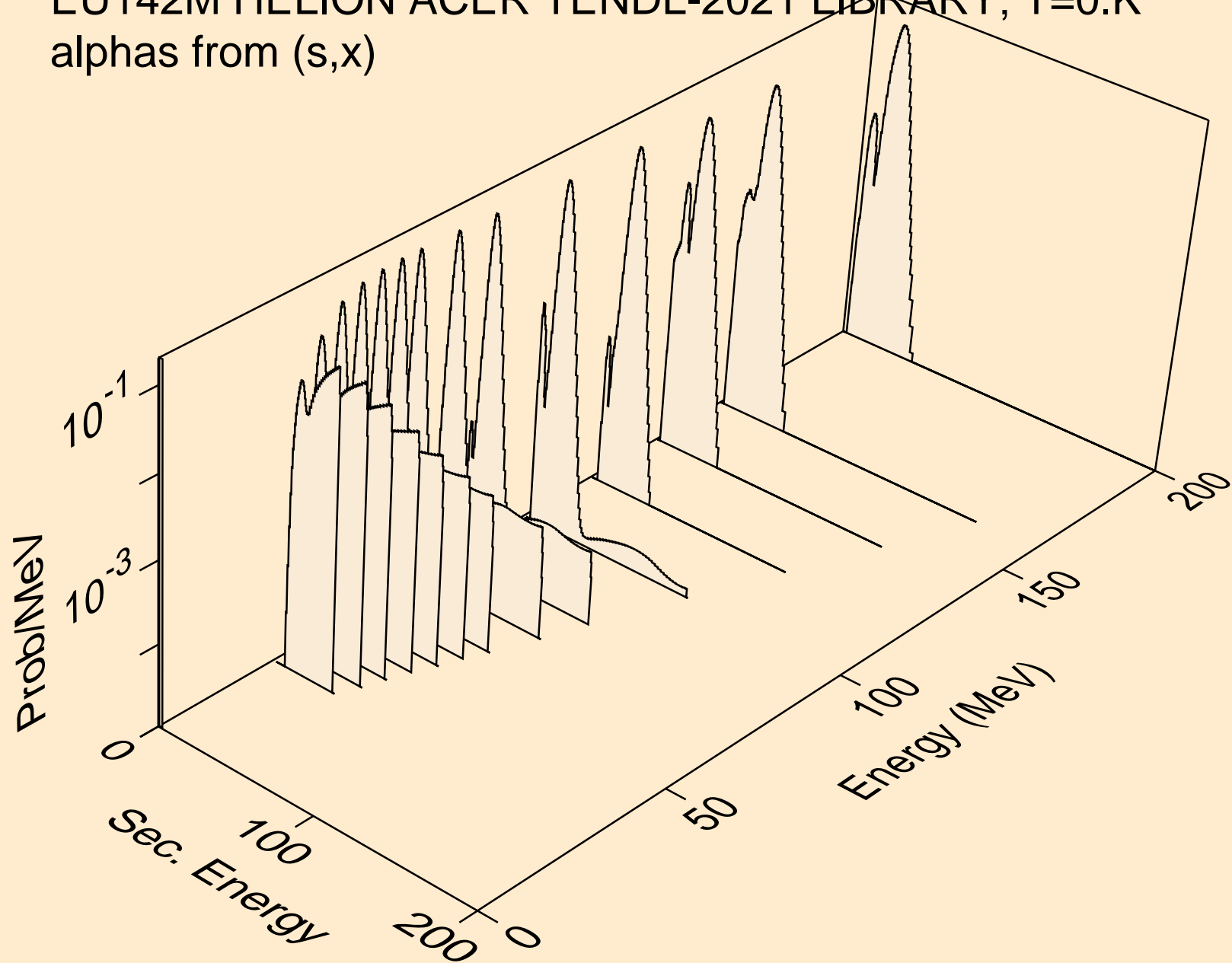
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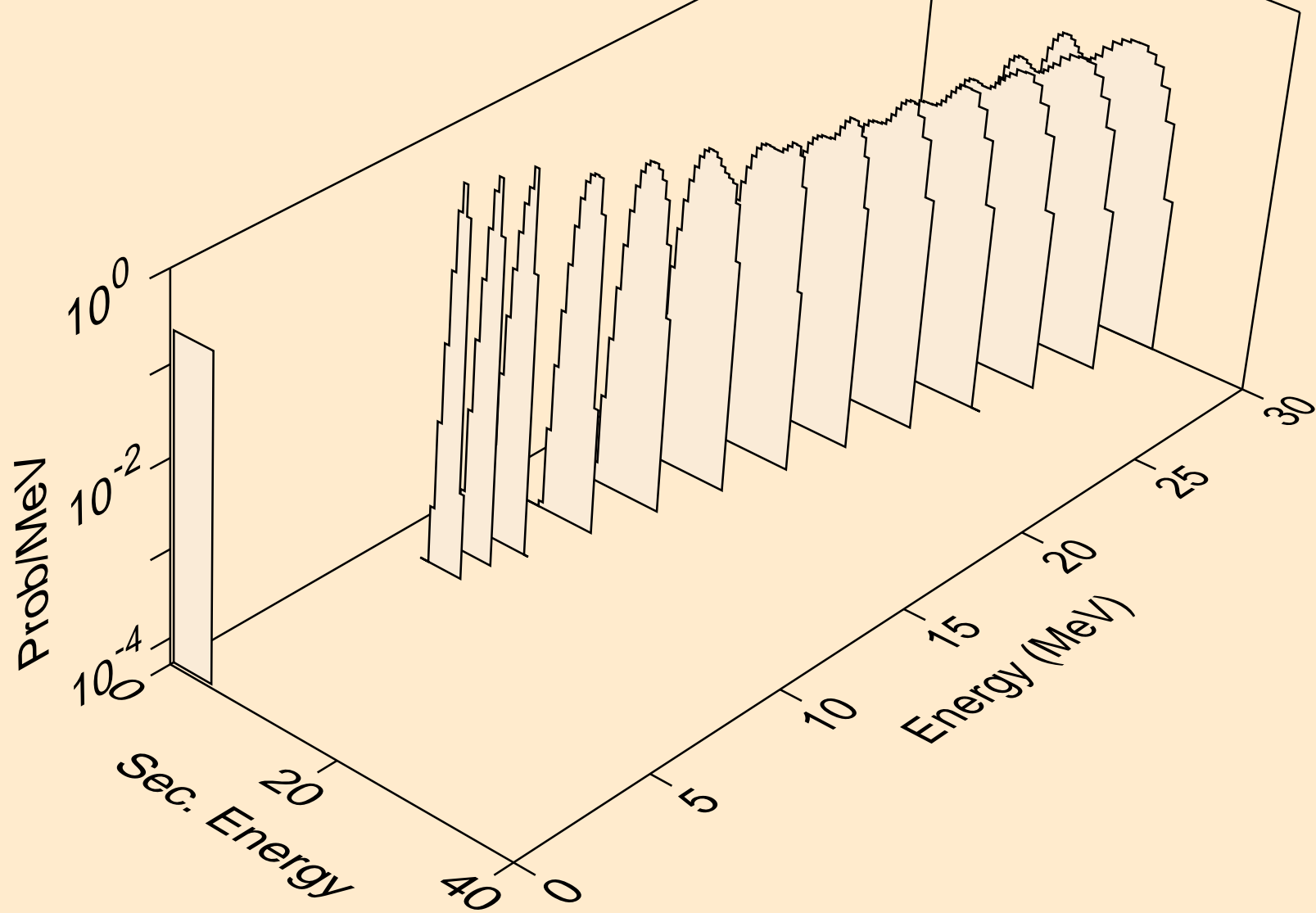
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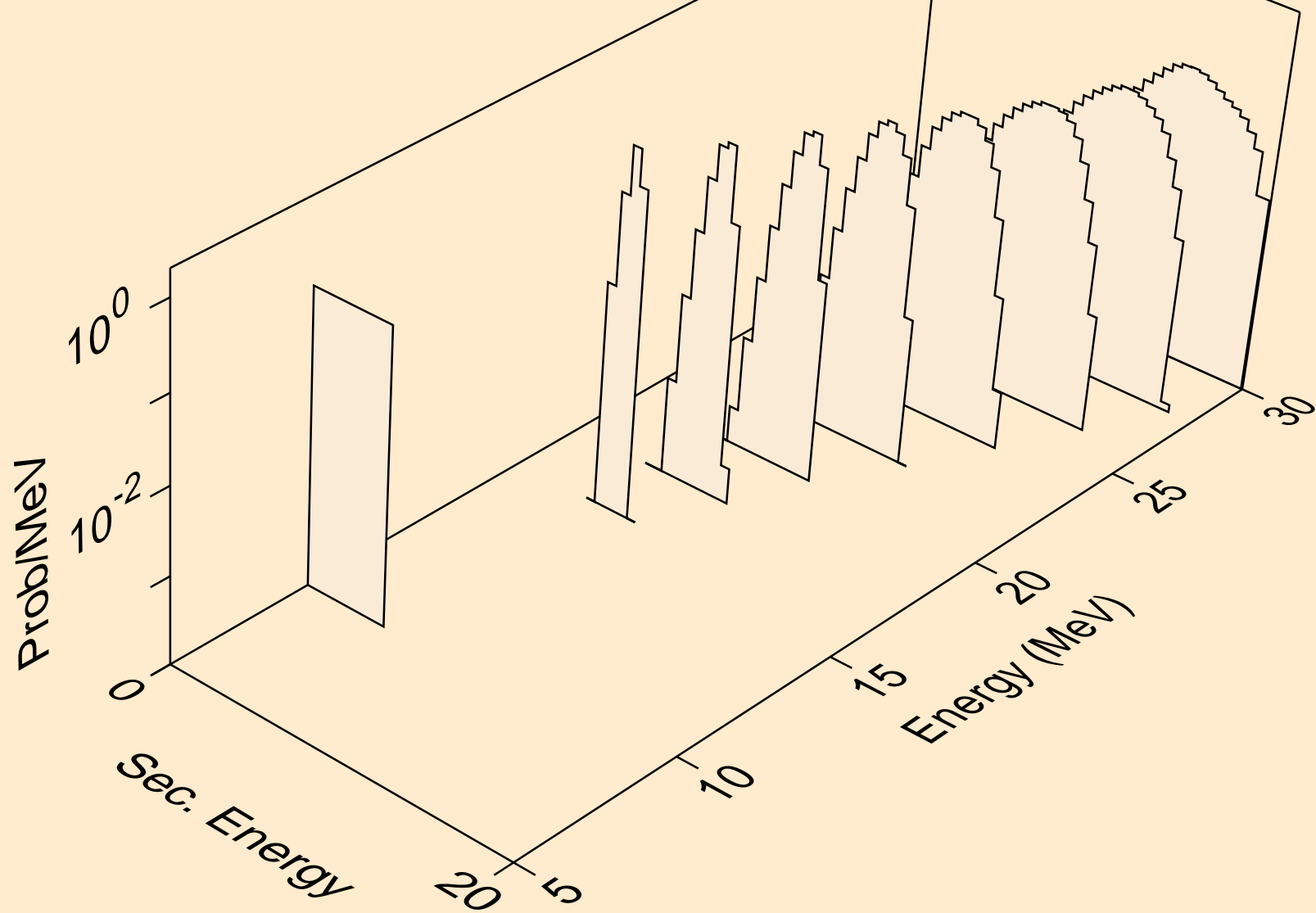
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alphas from (s,x)



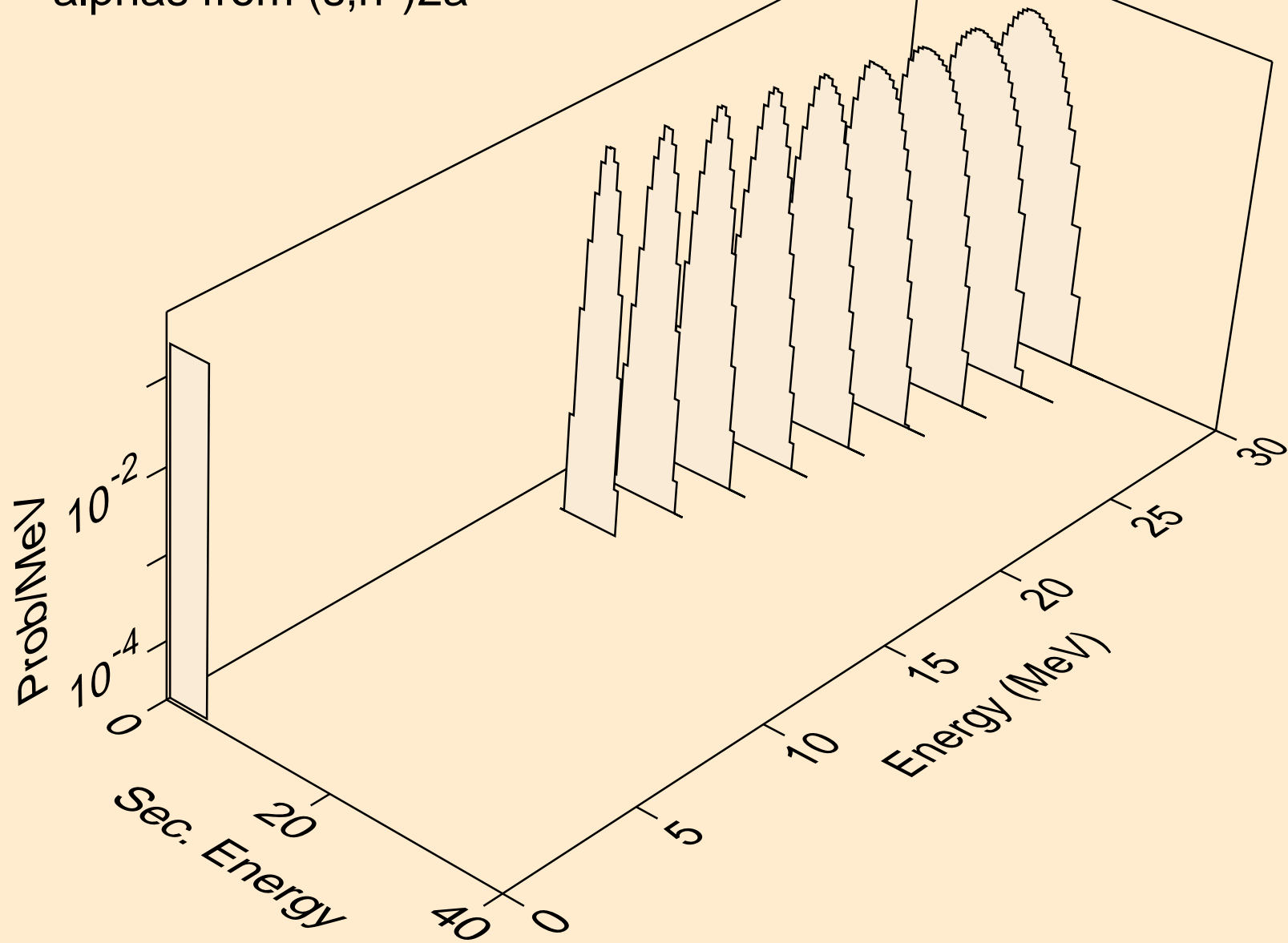
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alphas from (s,n\*)a



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a

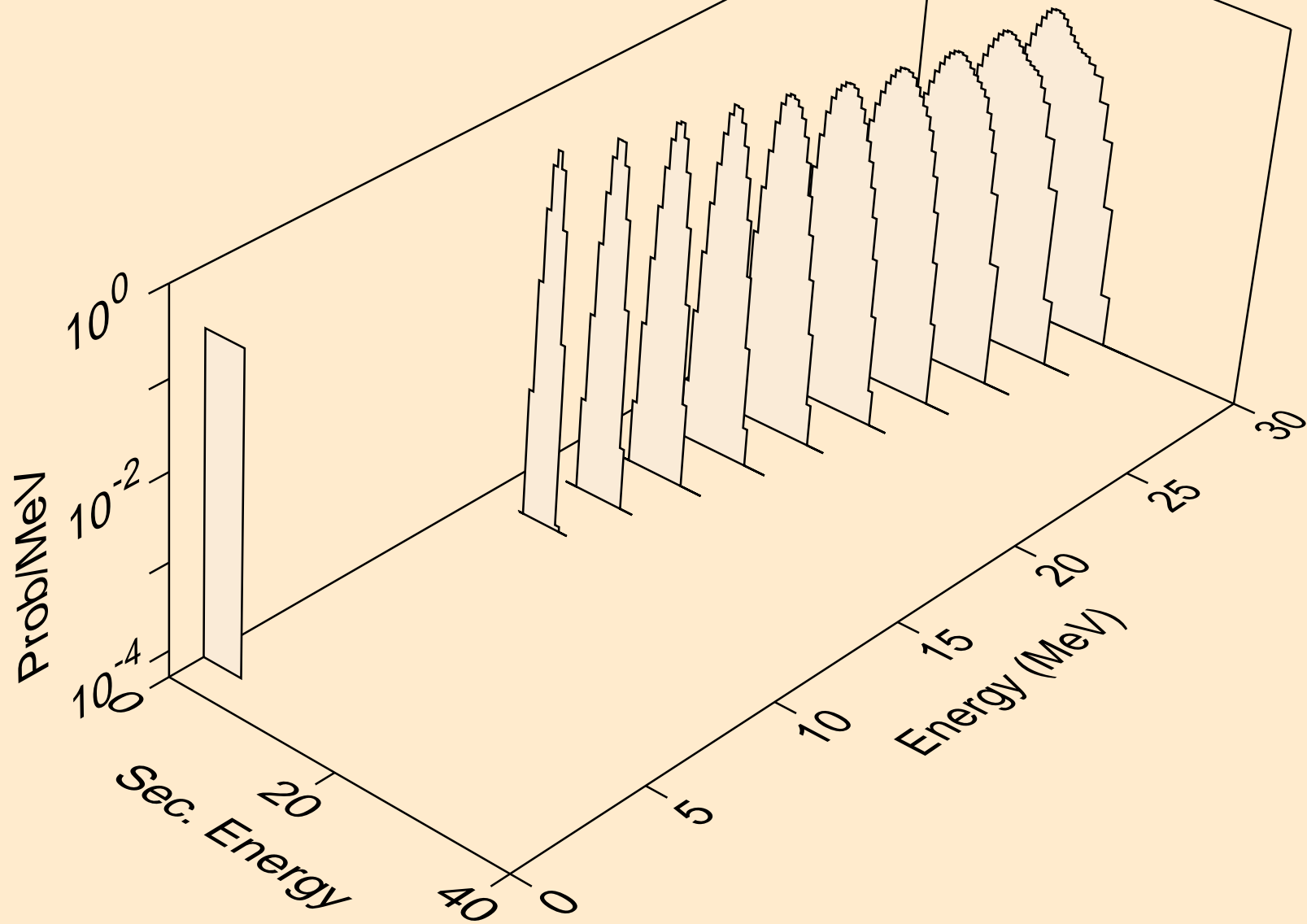


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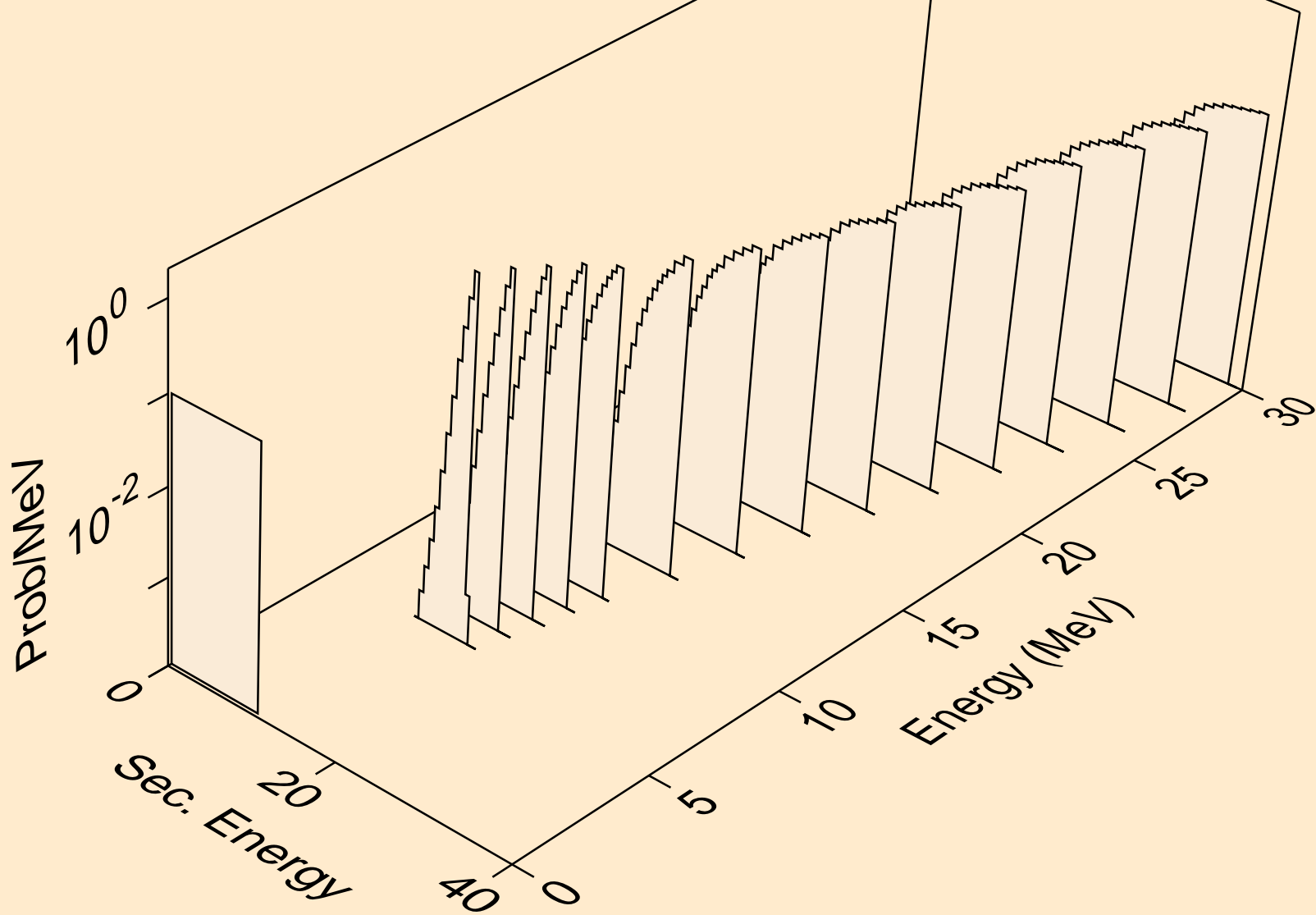




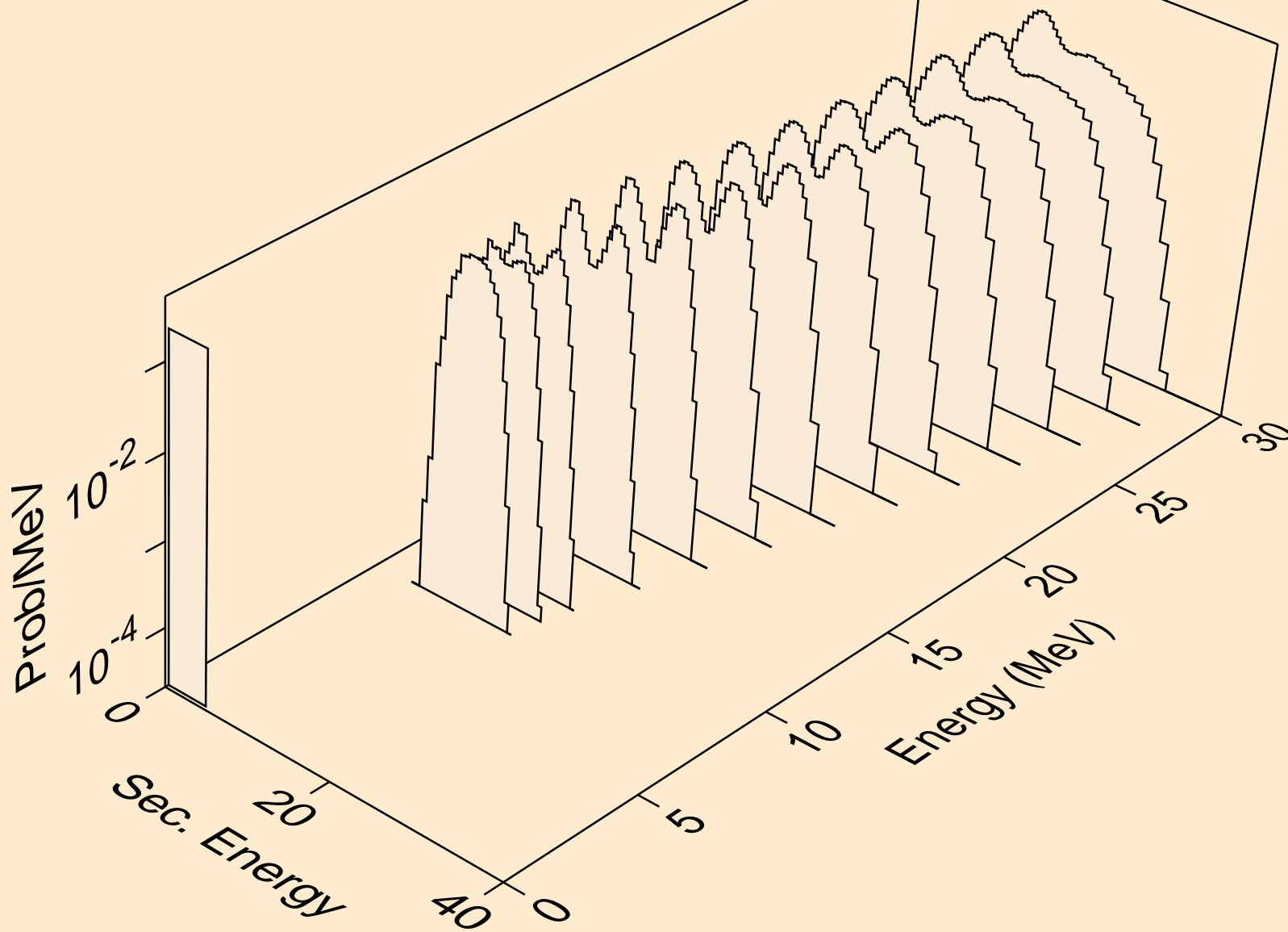
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alphas from (s,npa)



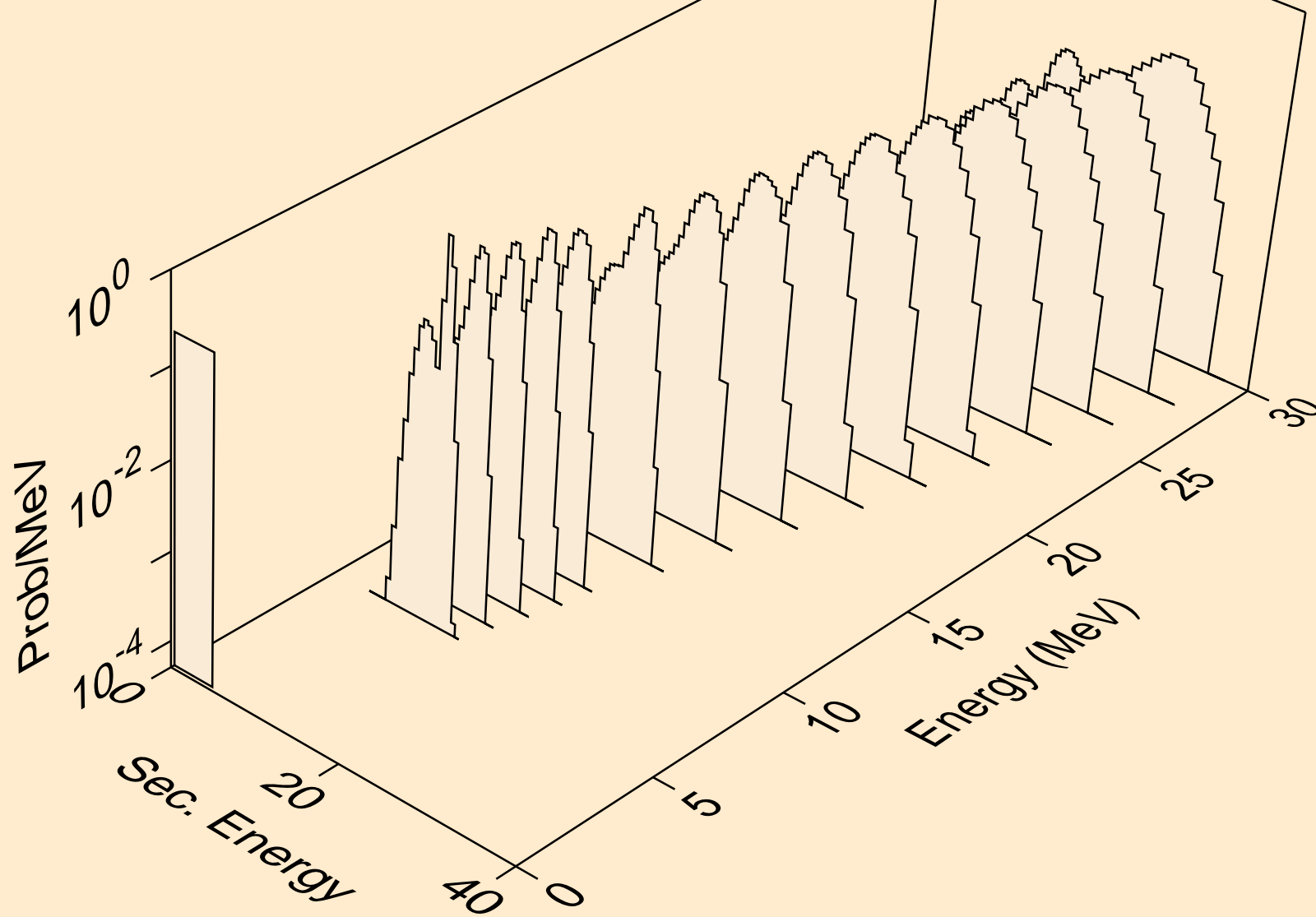
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alphas from (s,a)



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



EU142M HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

