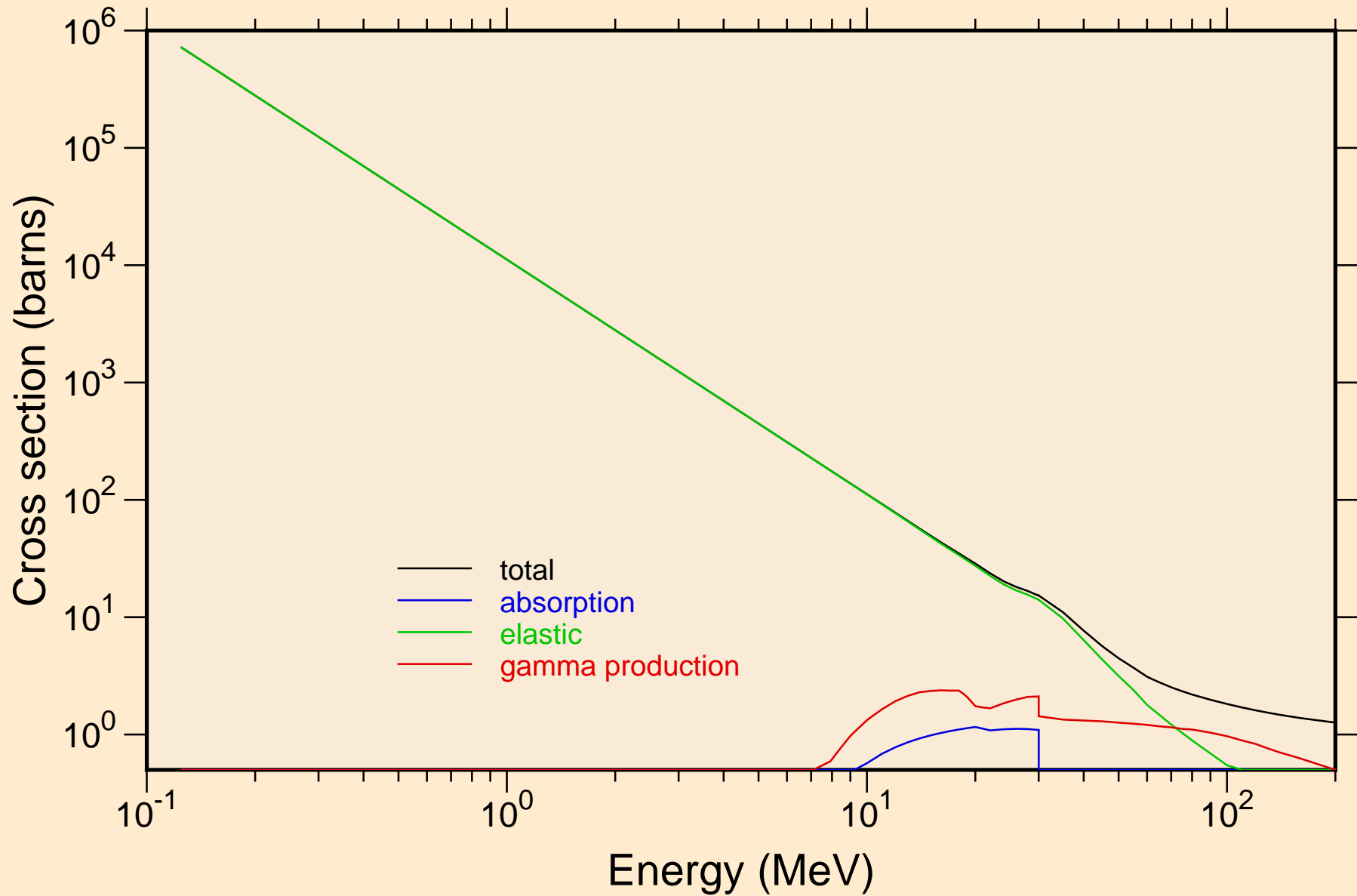
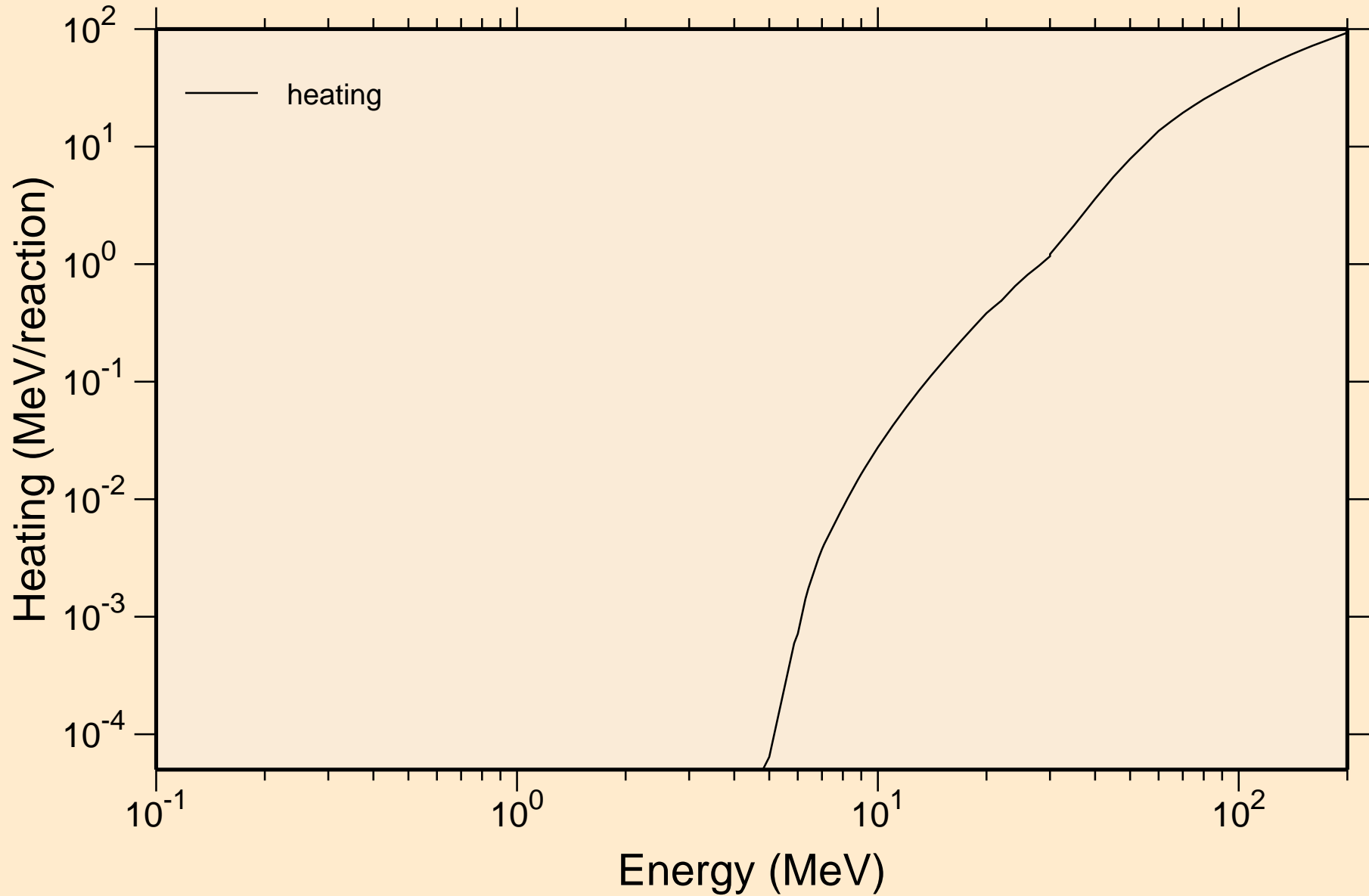


CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



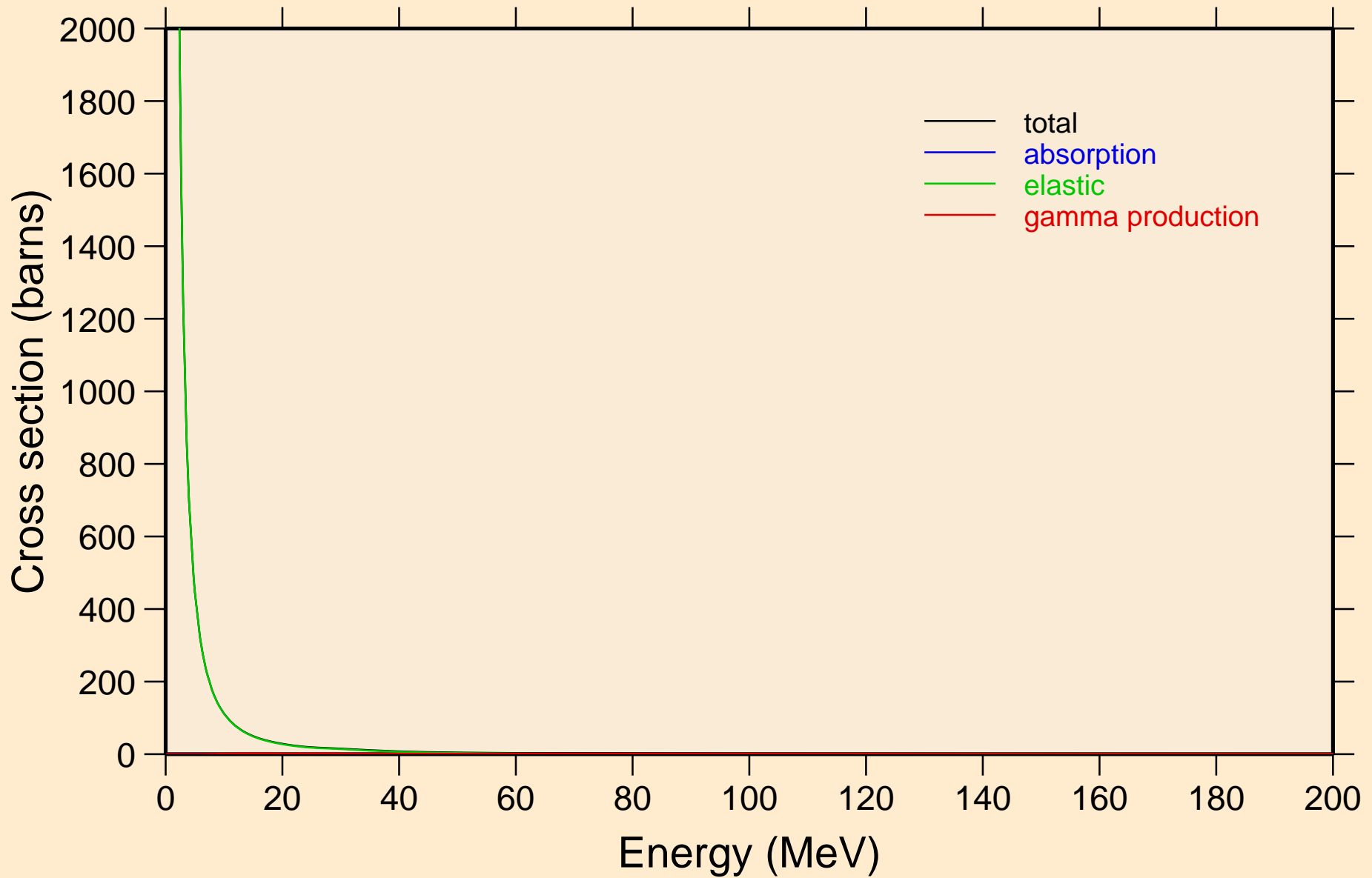
# CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating

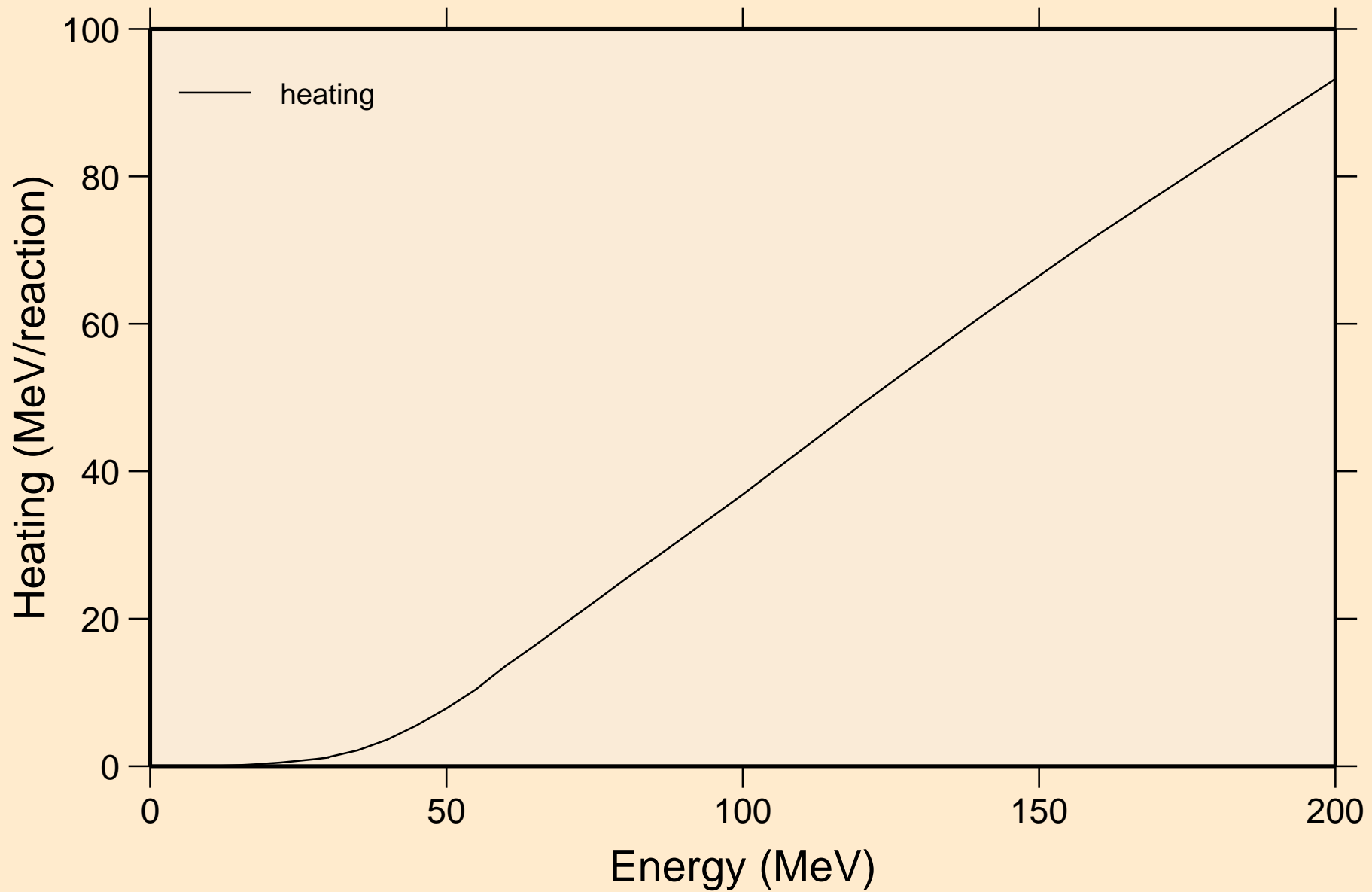


# CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K

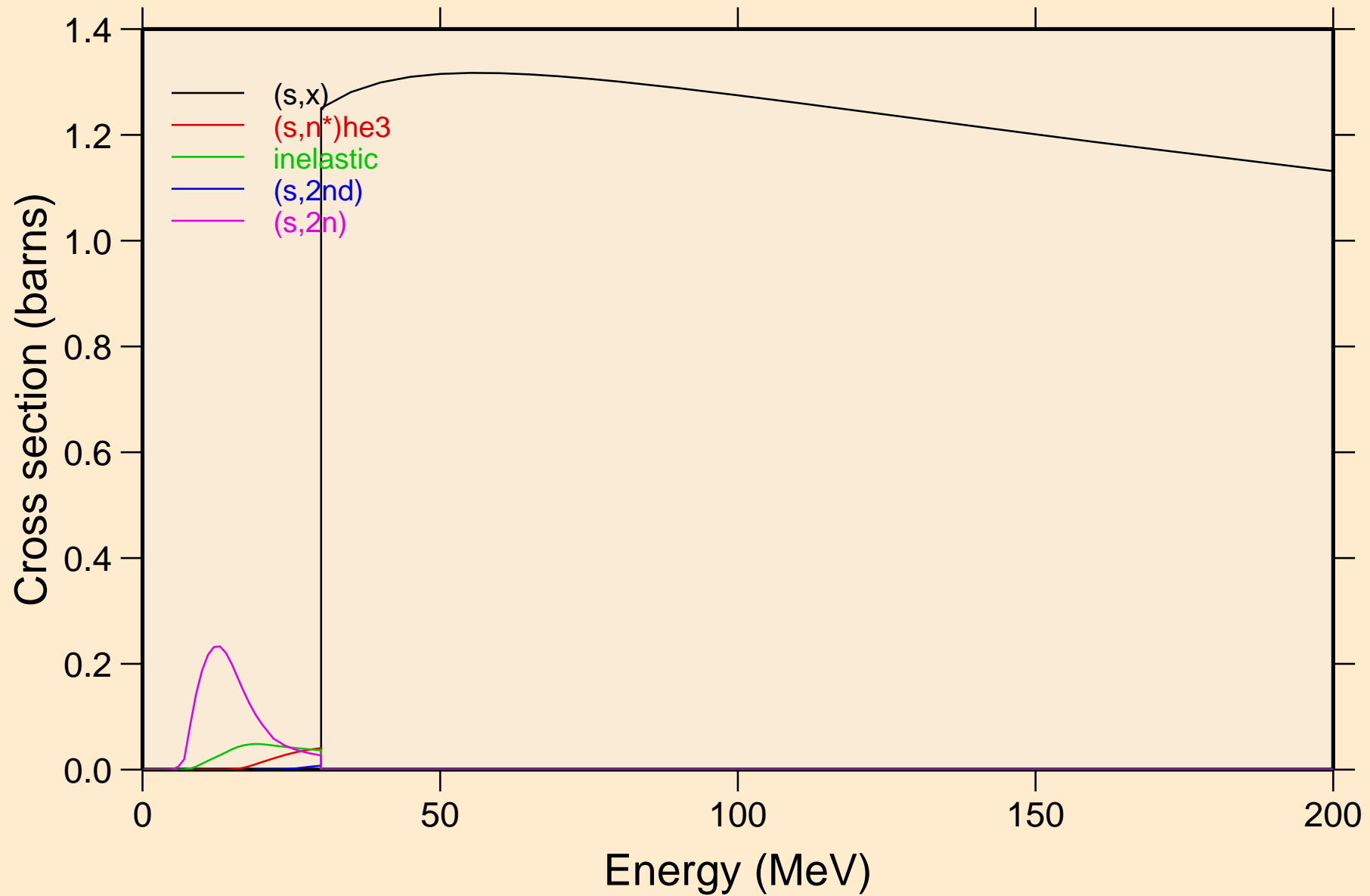
## Principal cross sections



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Heating

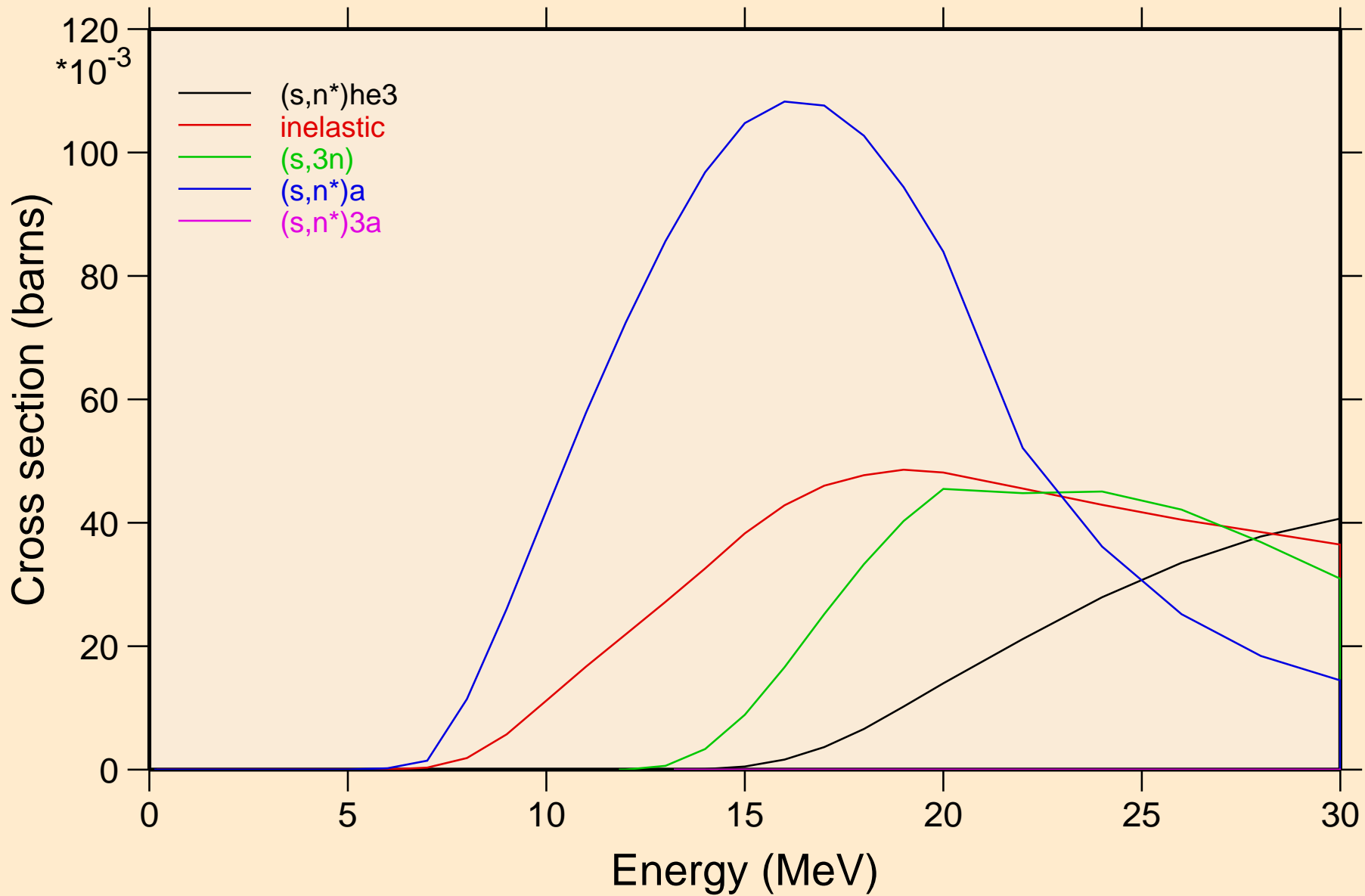


CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



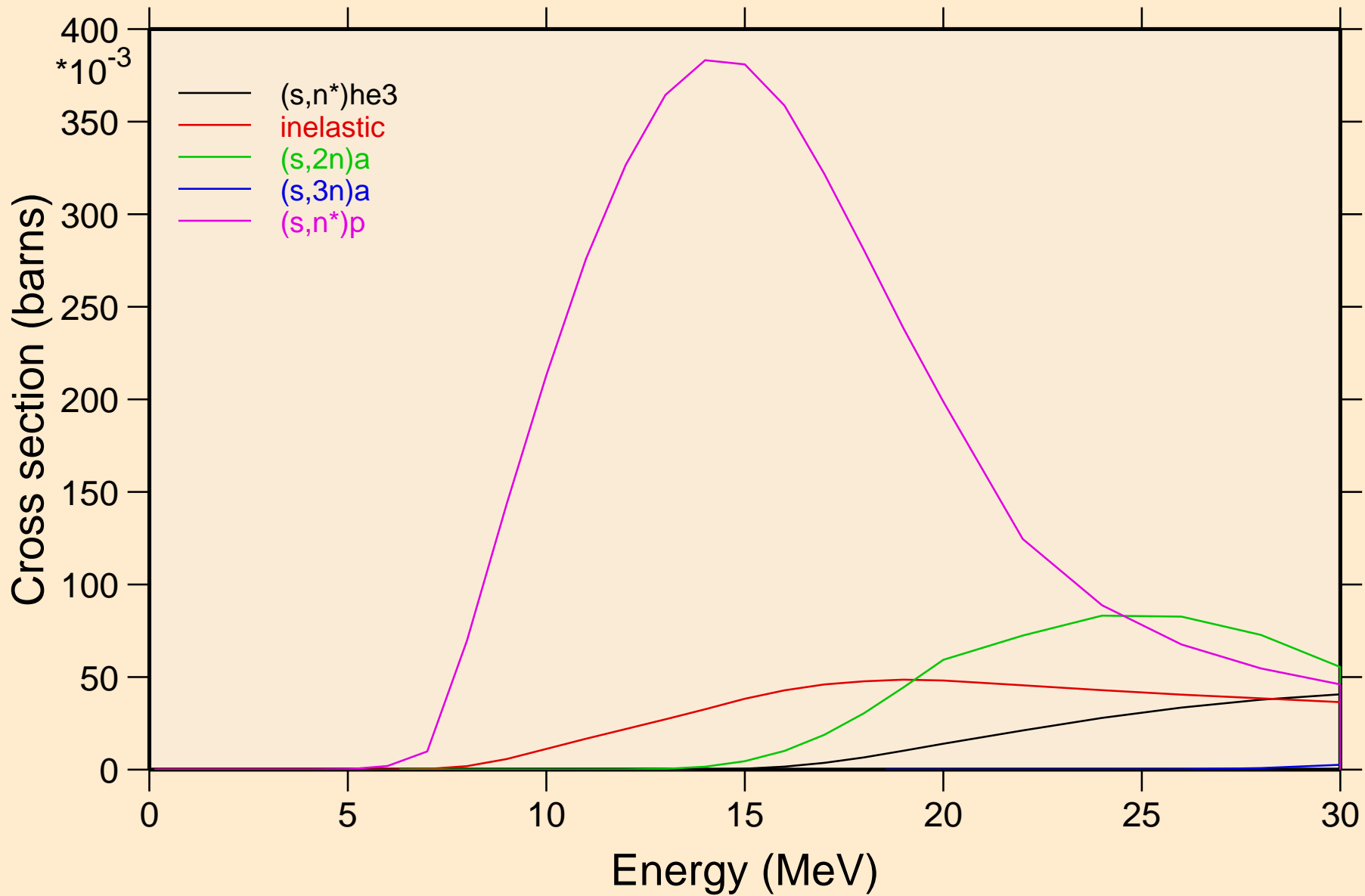
# CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

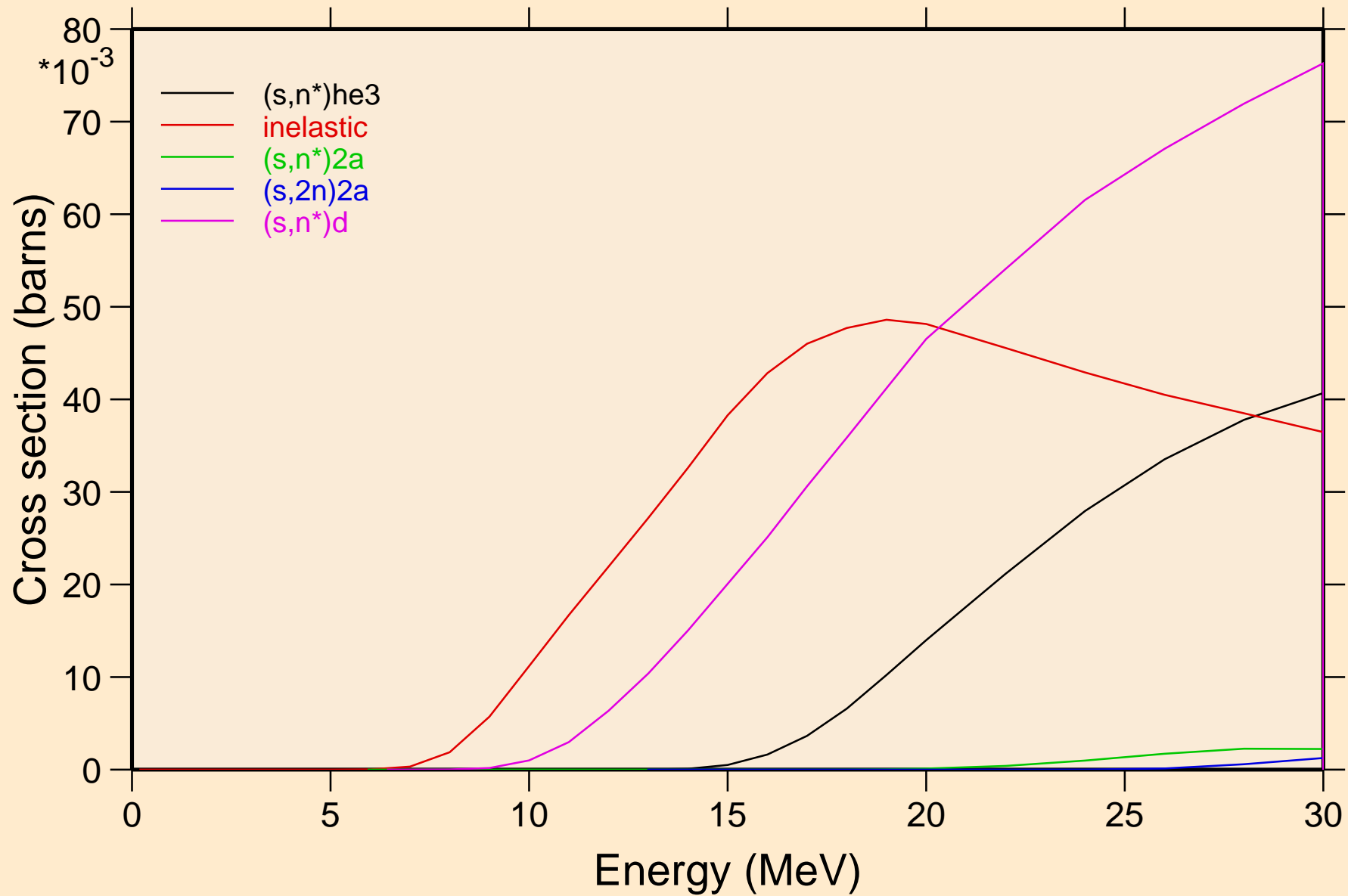


# CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



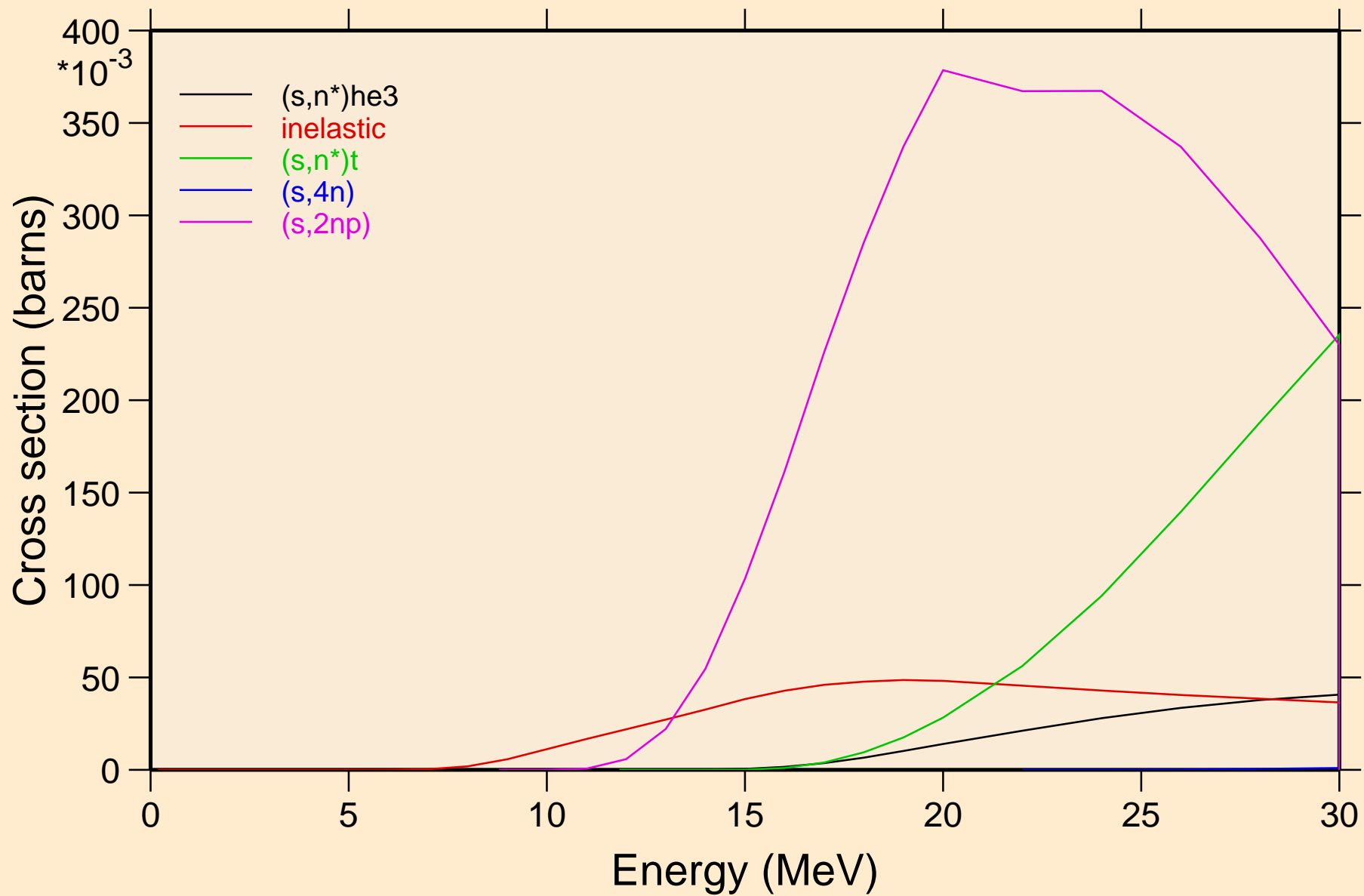
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



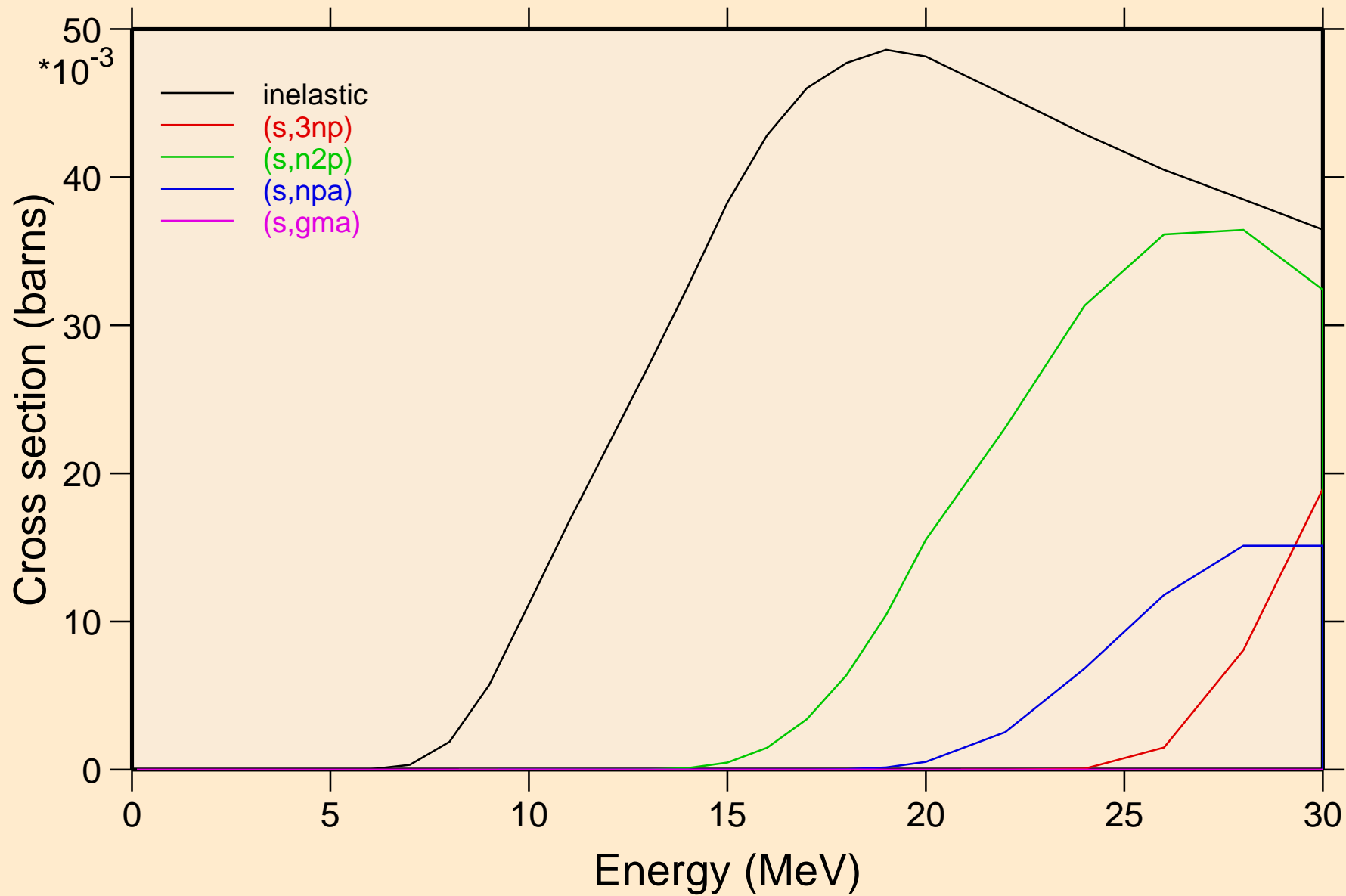


# CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

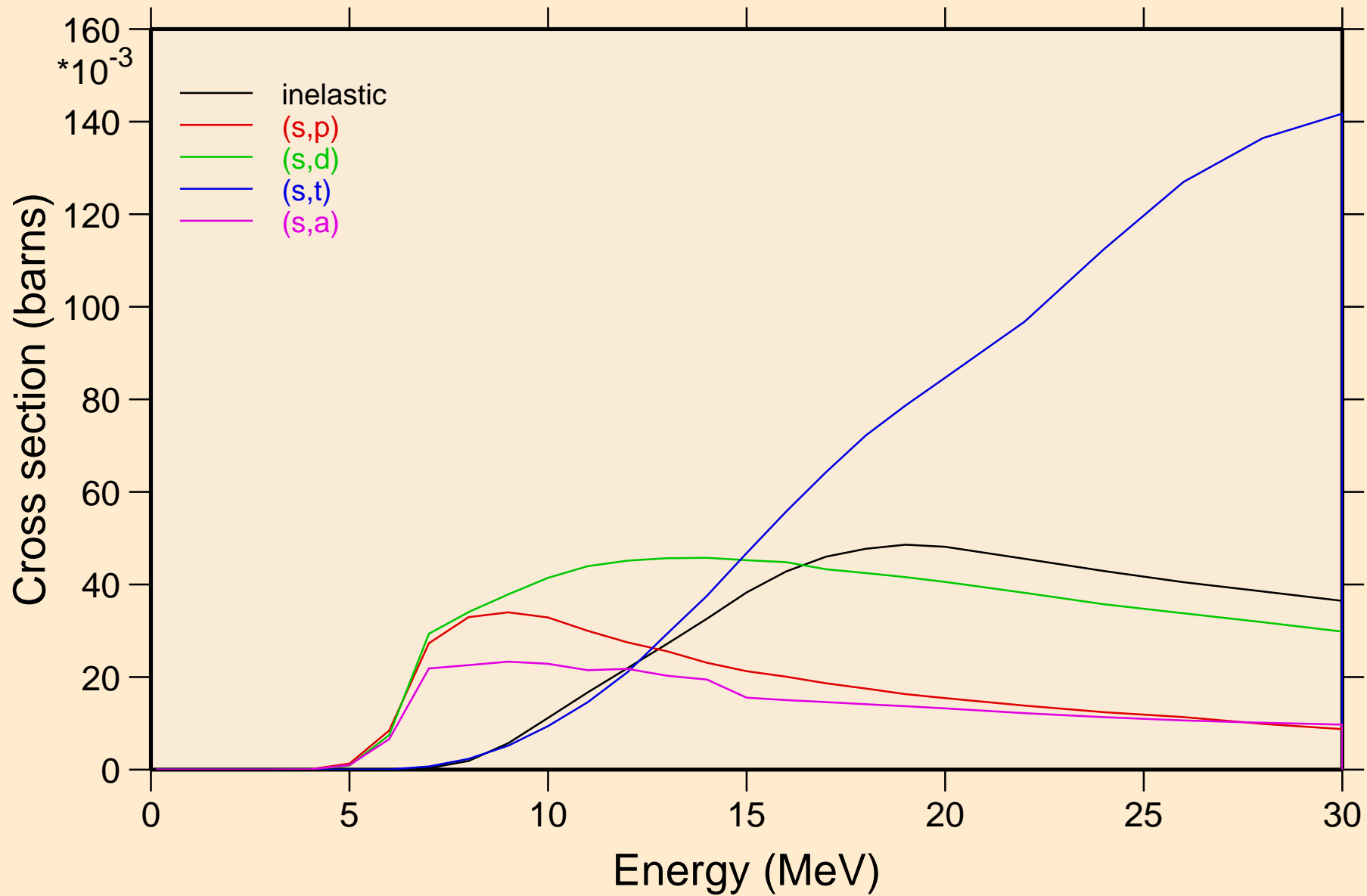


CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

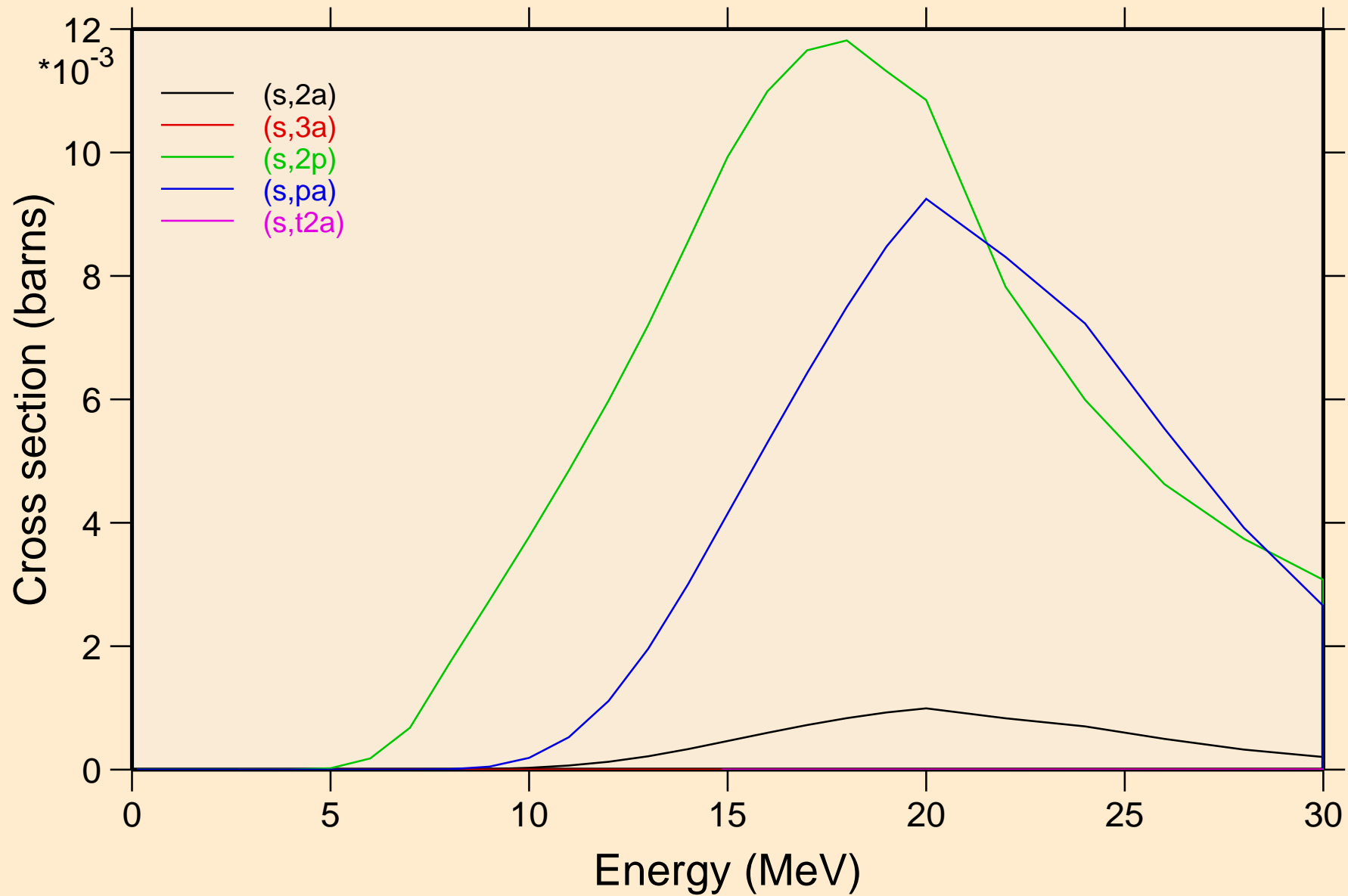


# CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K

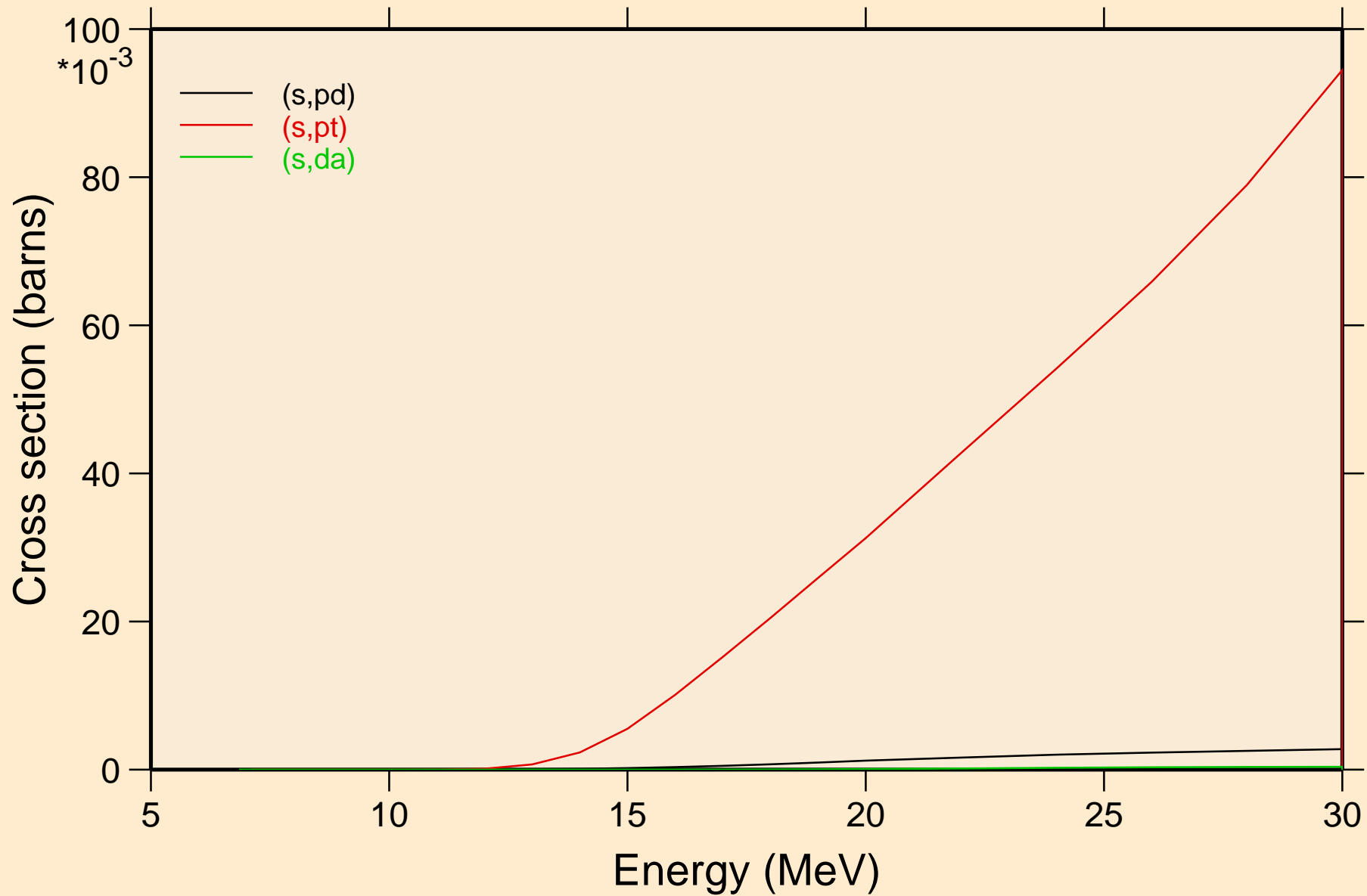
## Threshold reactions



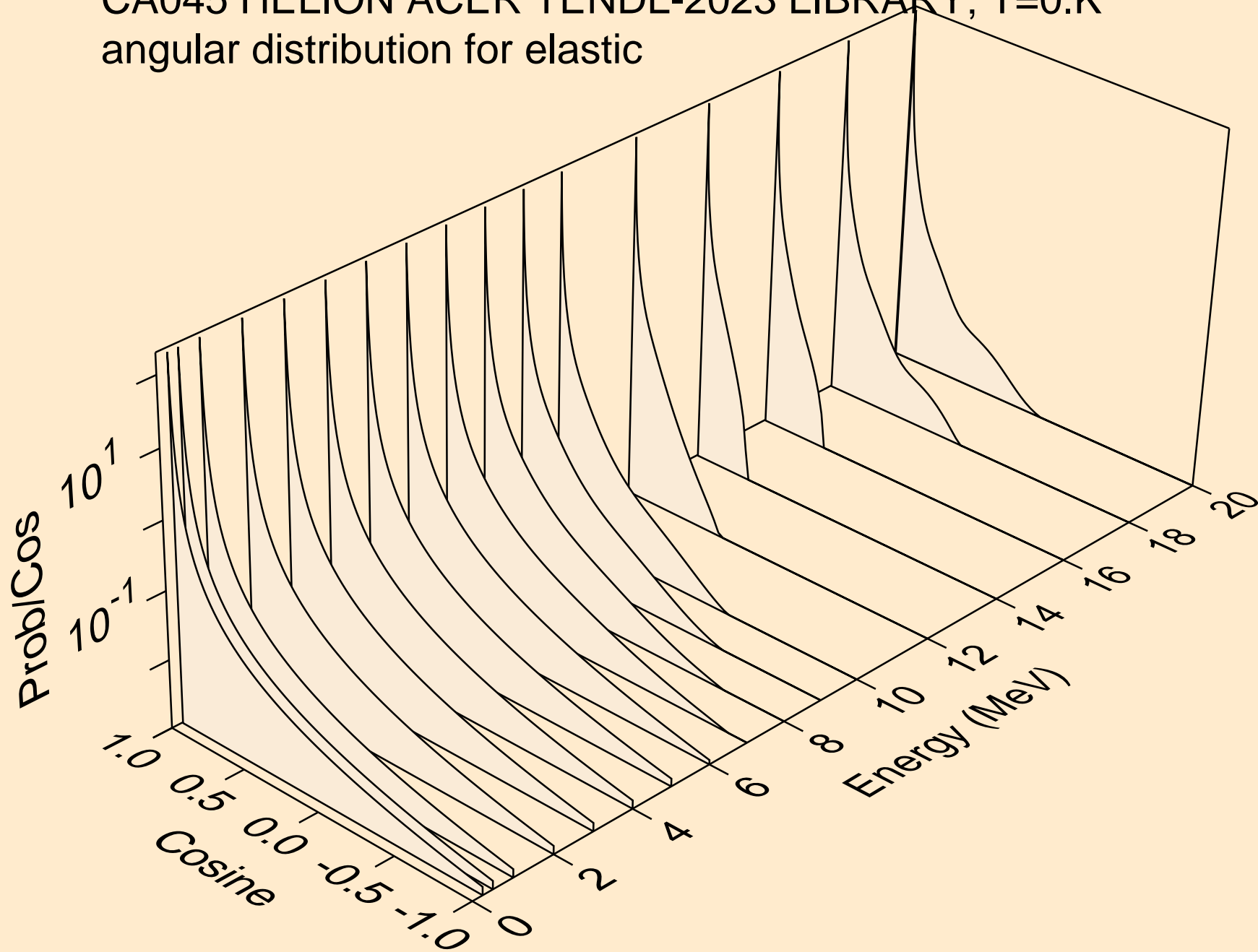
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



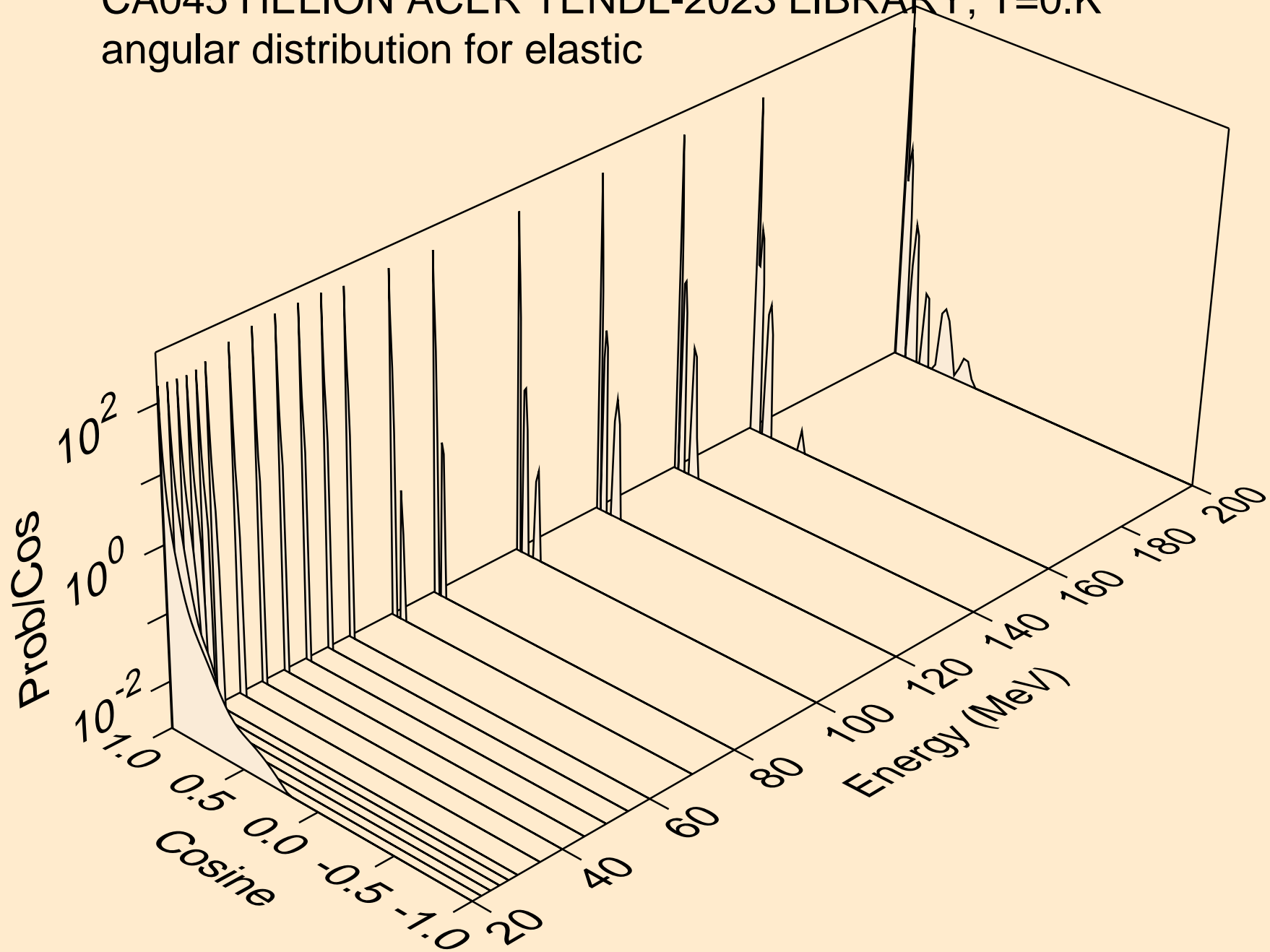
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



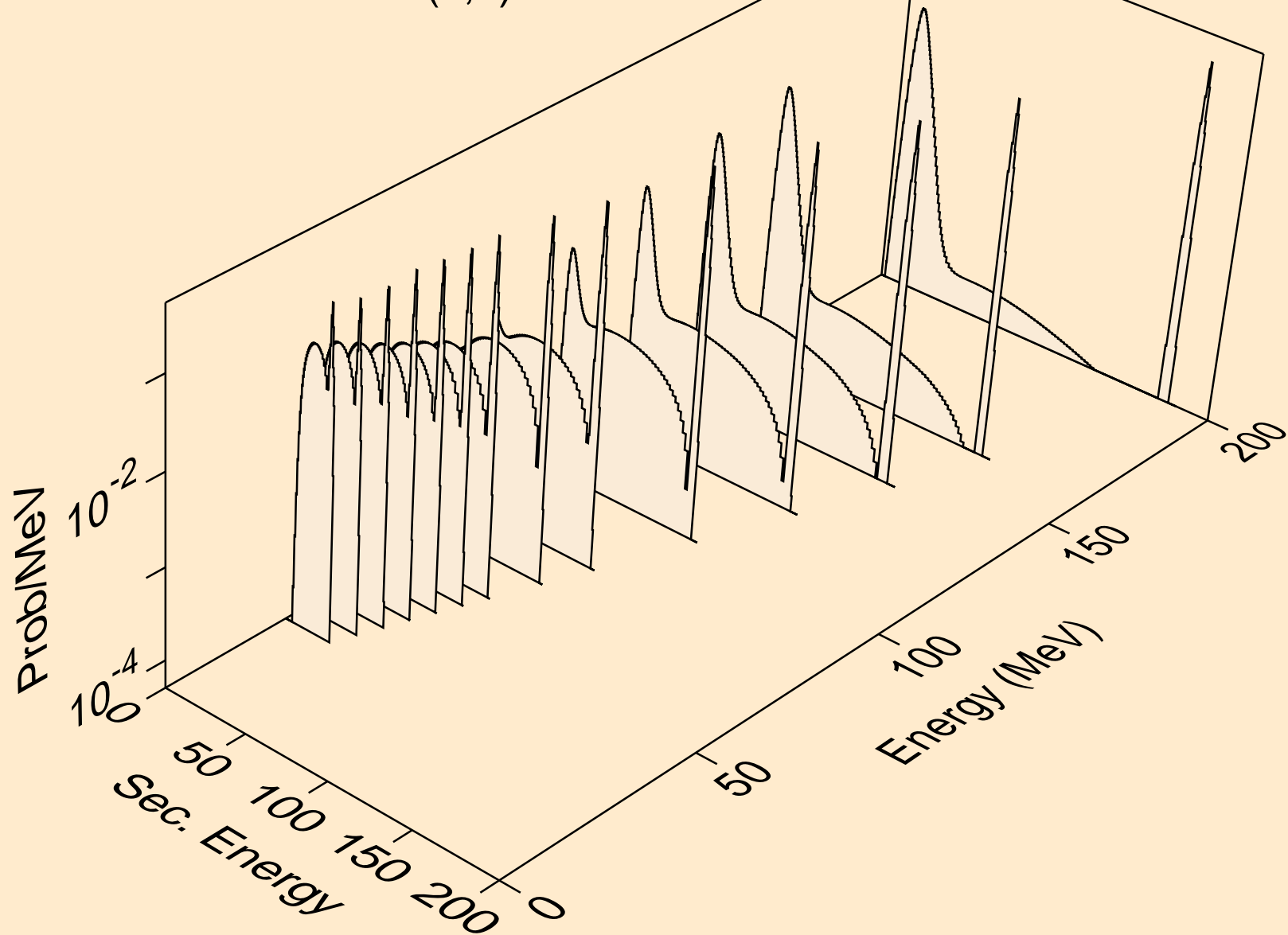
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

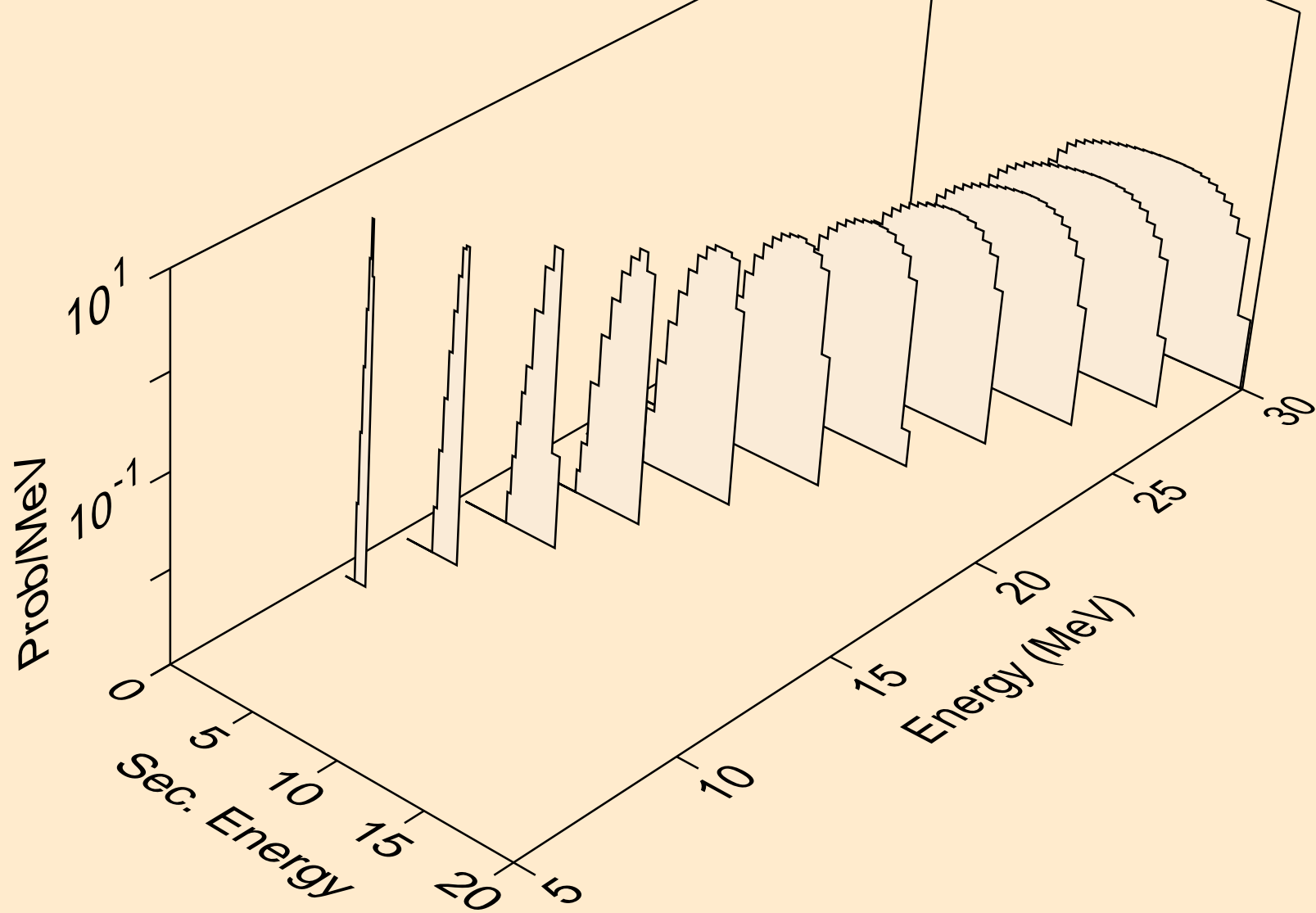


CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

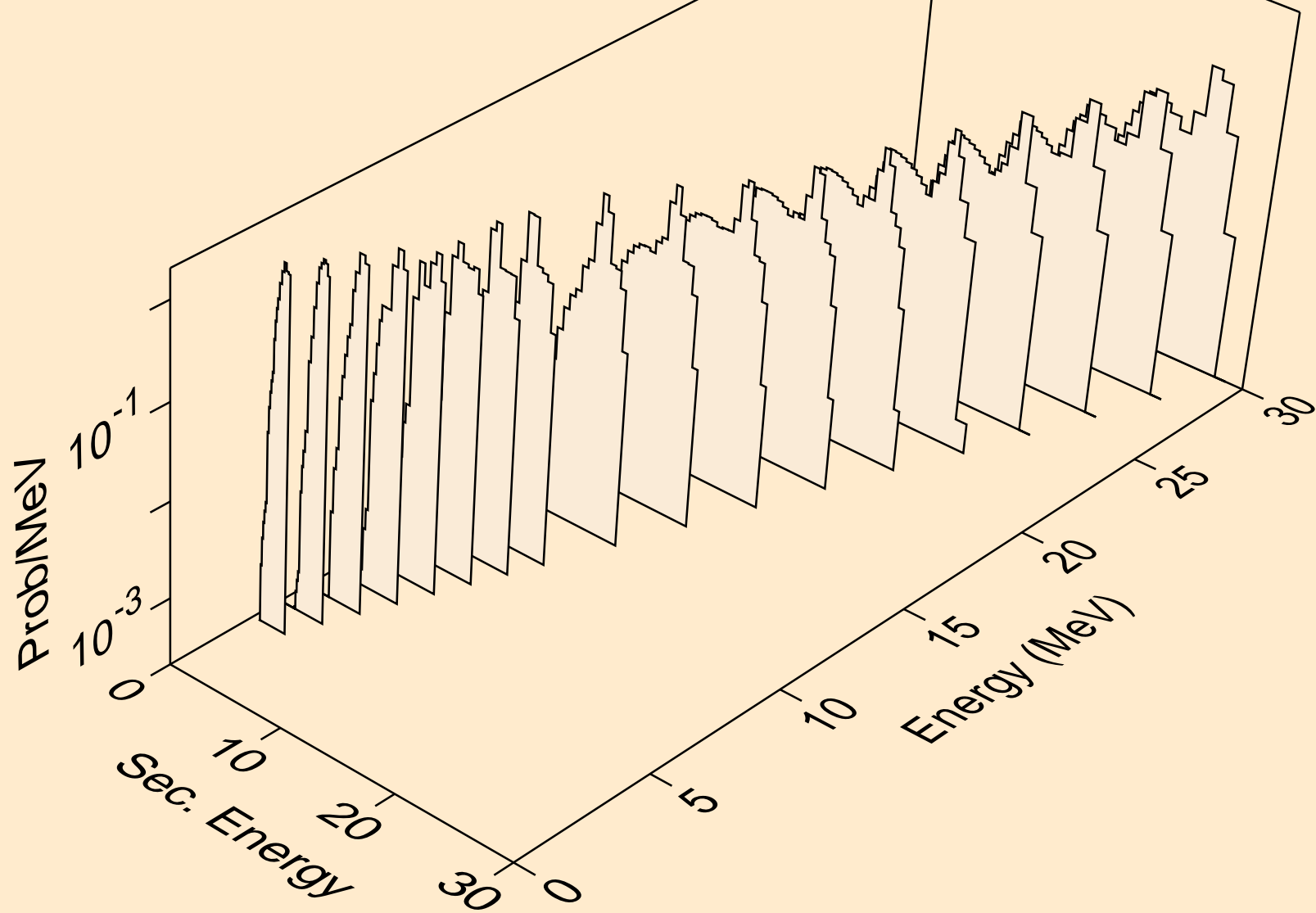




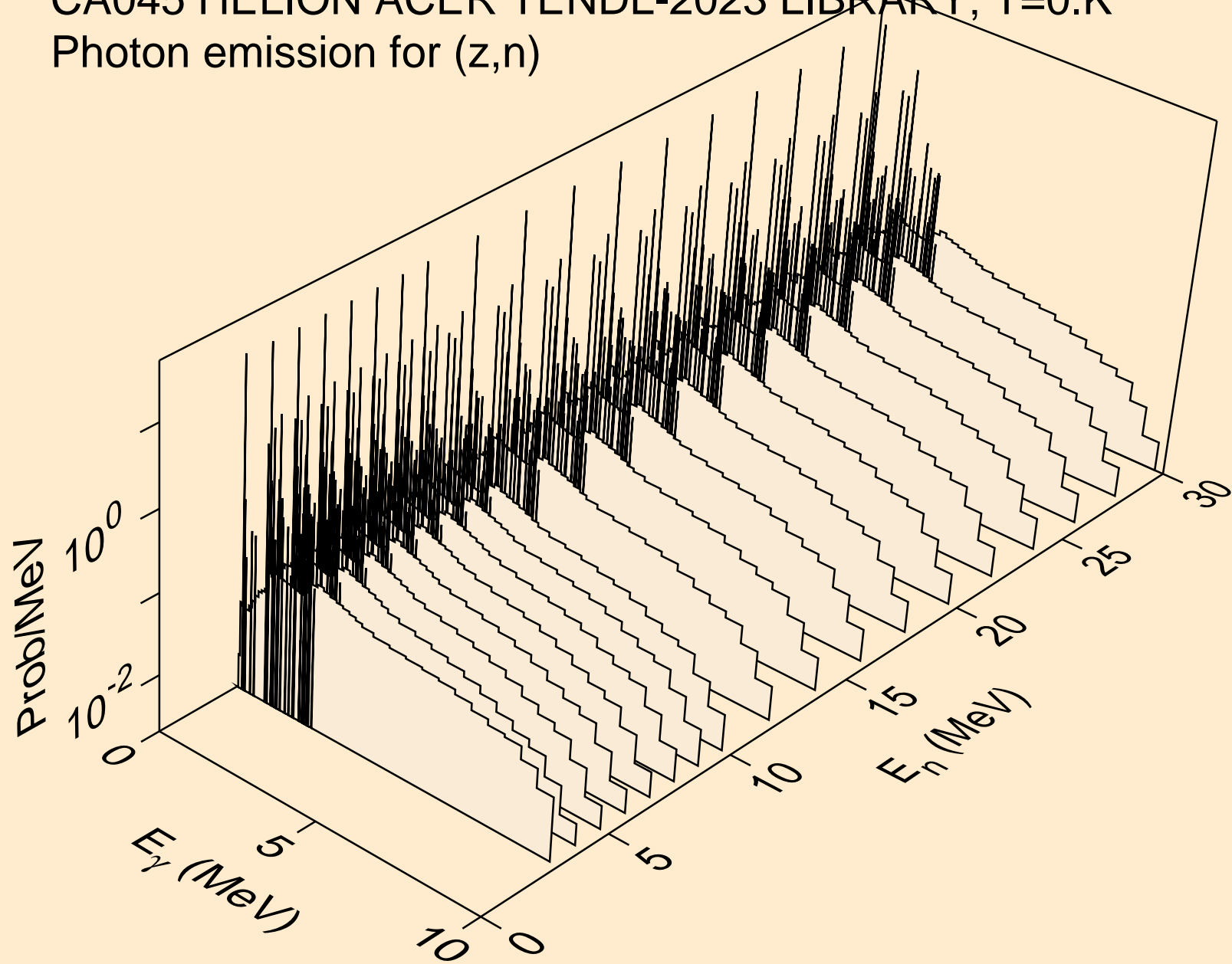
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



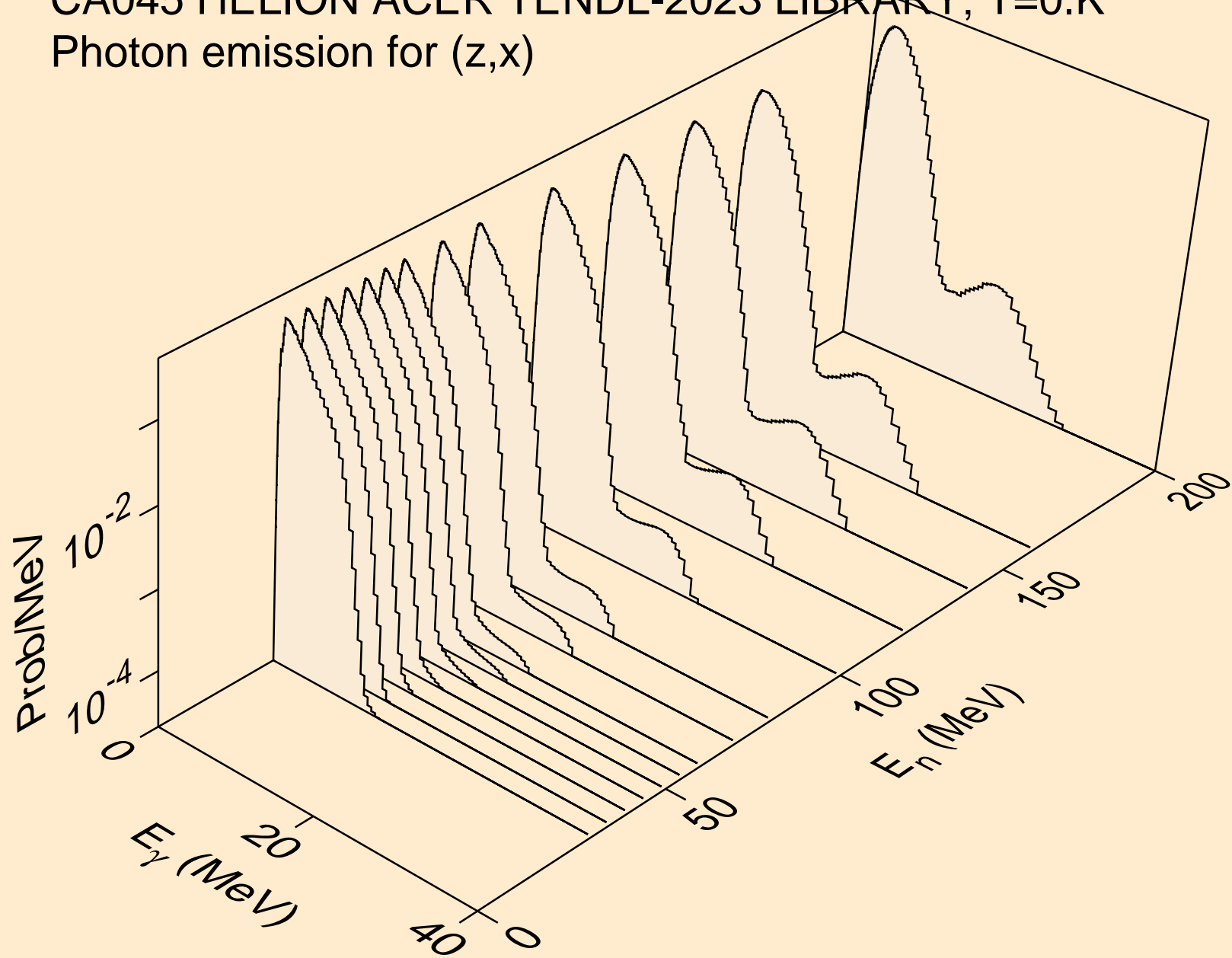
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



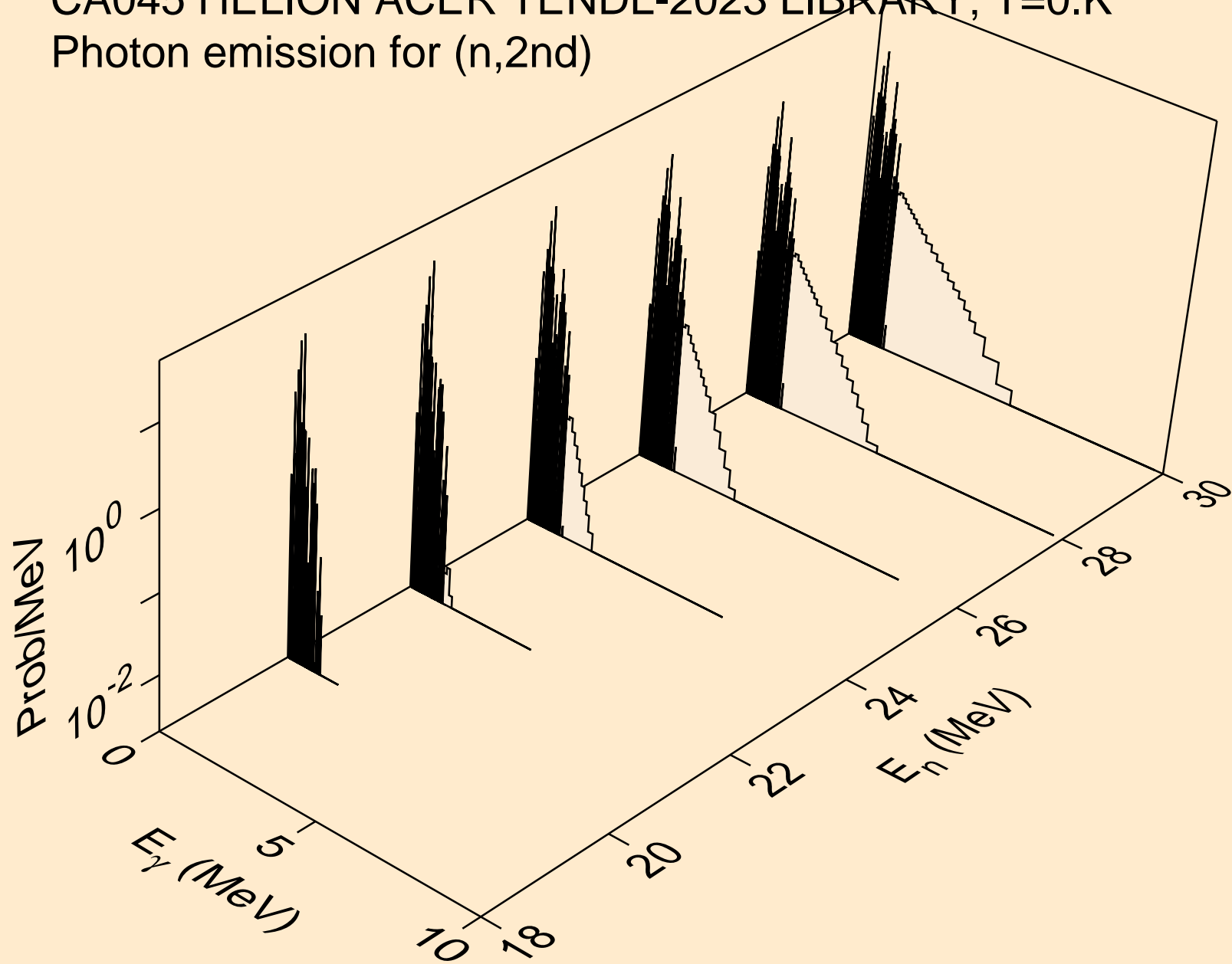
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



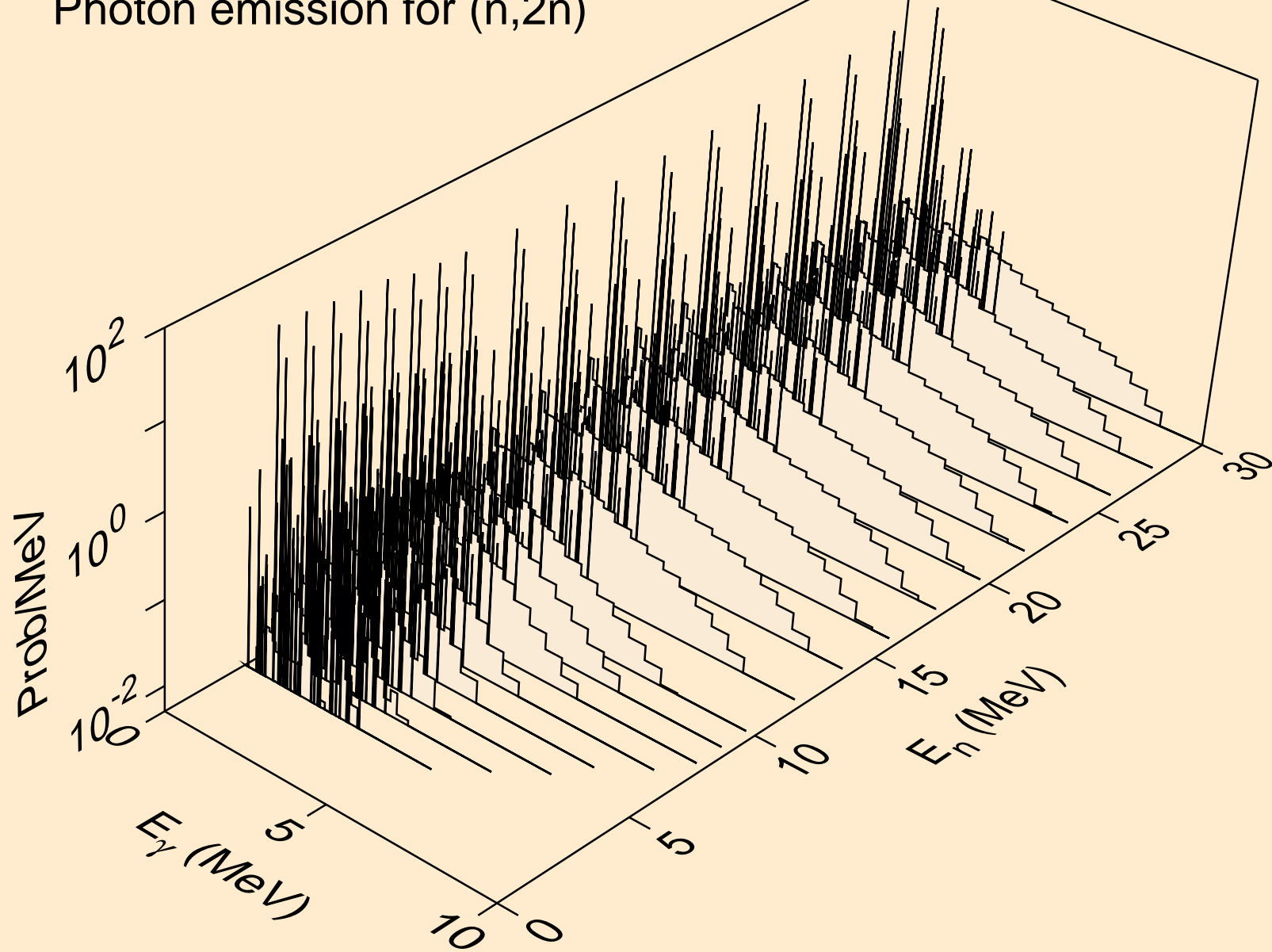
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Photon emission for (z,x)



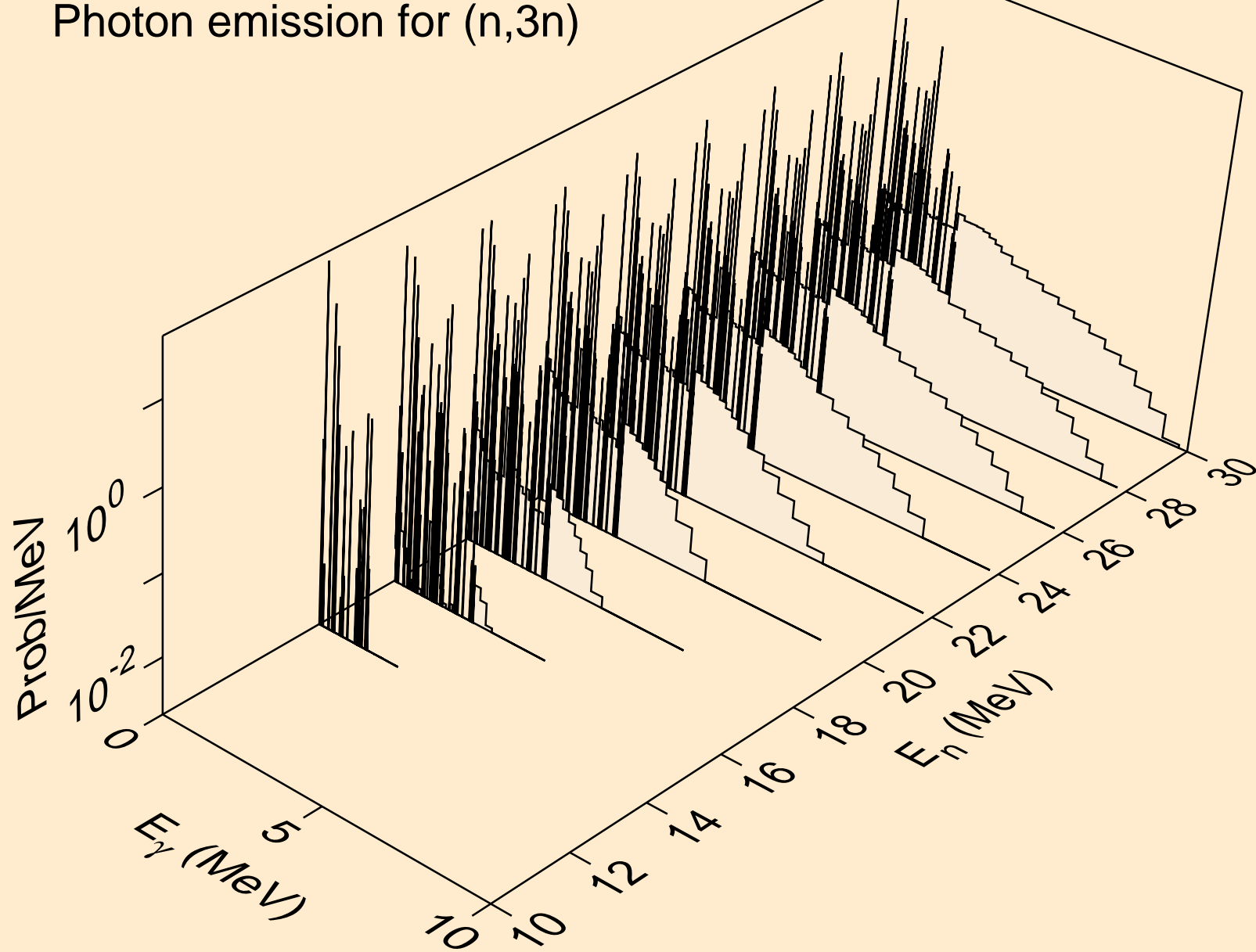
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Photon emission for (n,2nd)



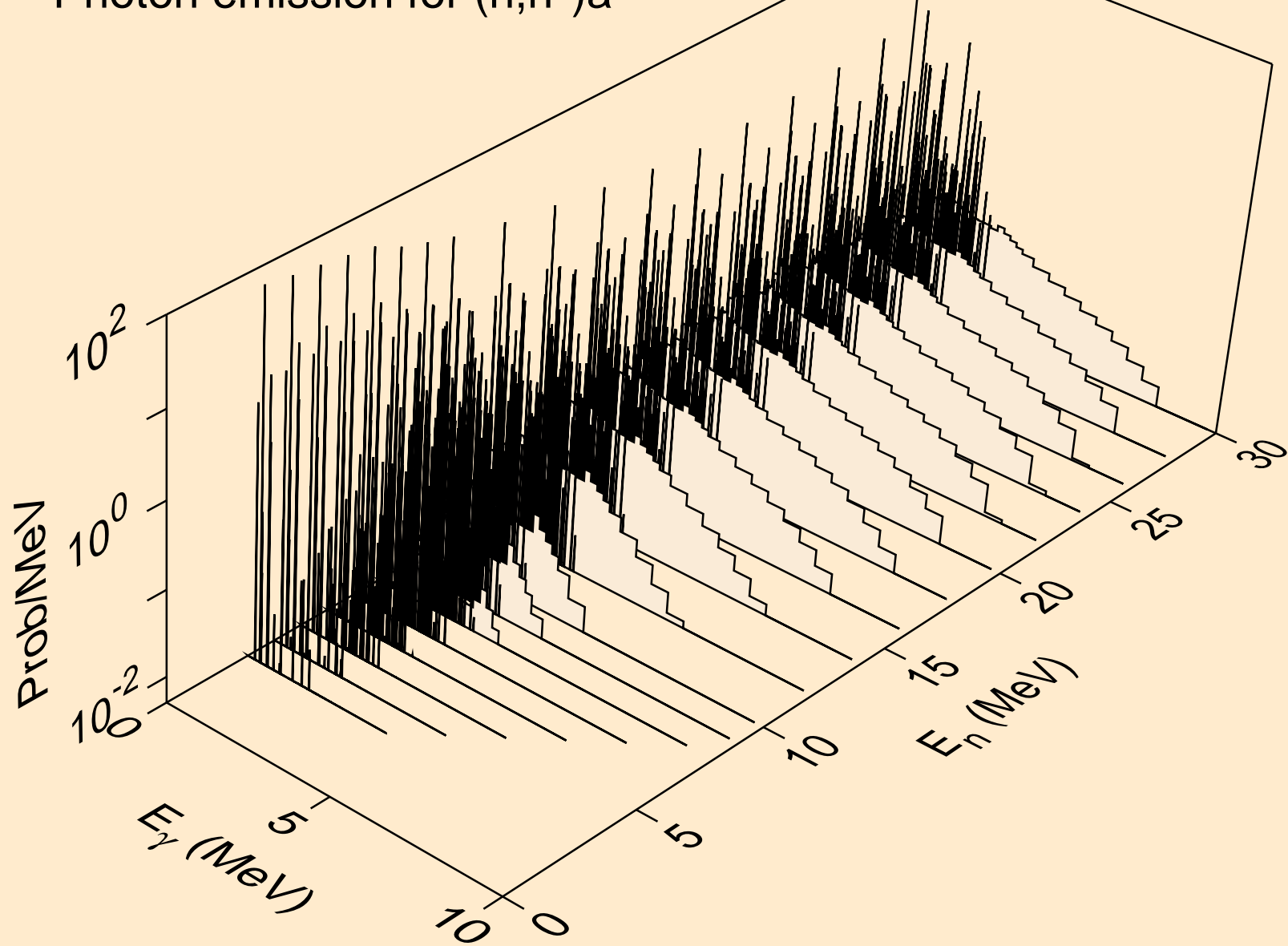
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

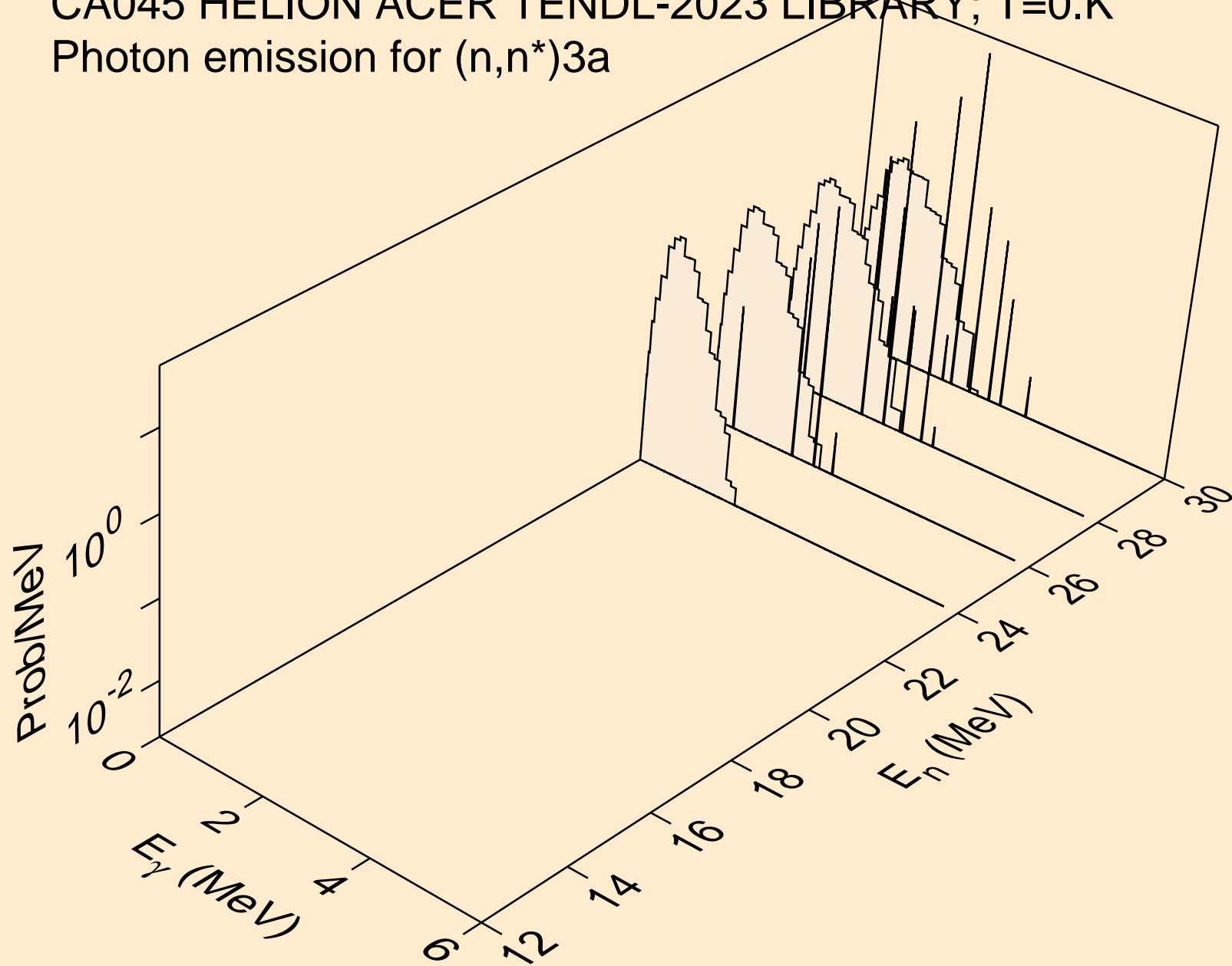


CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

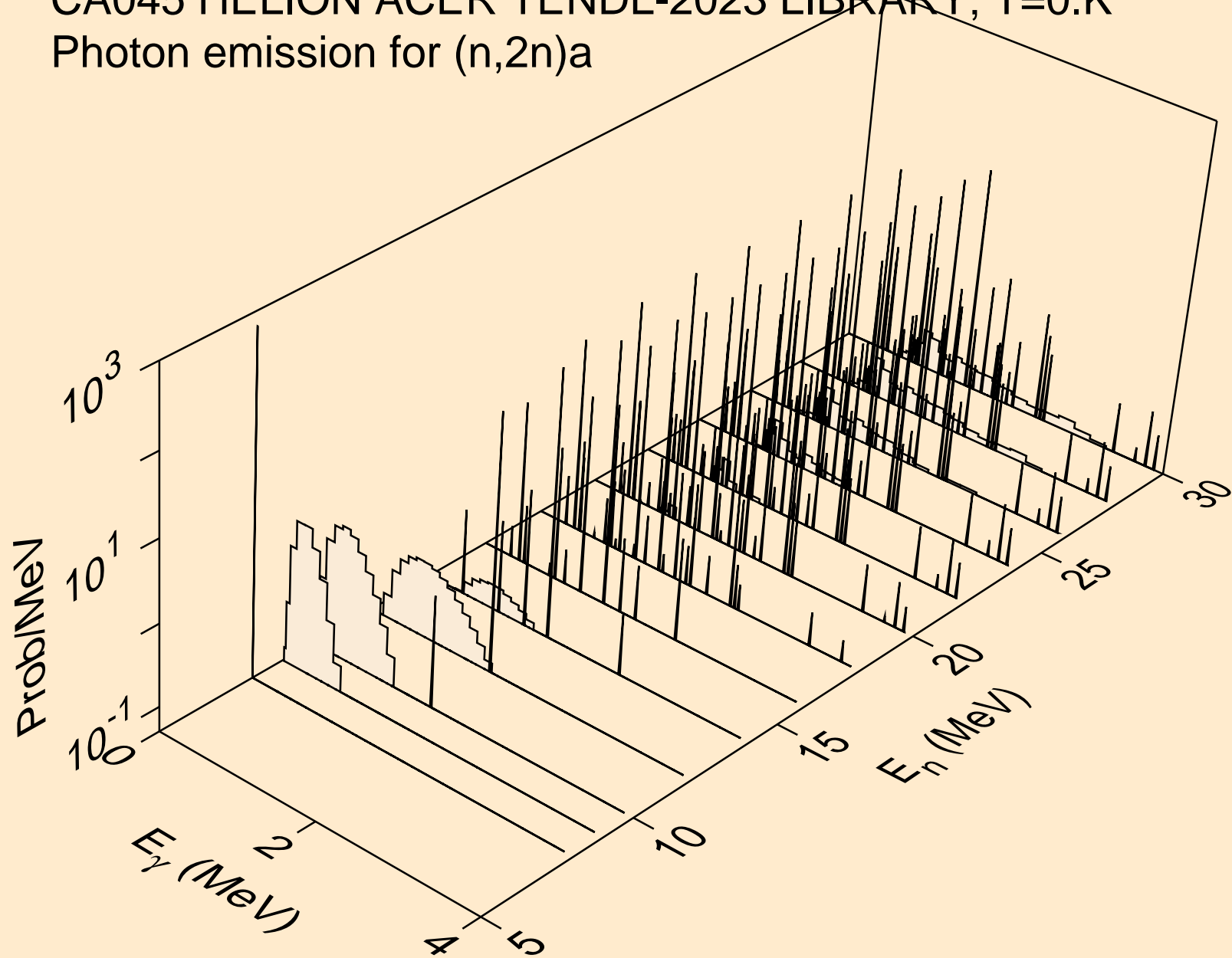




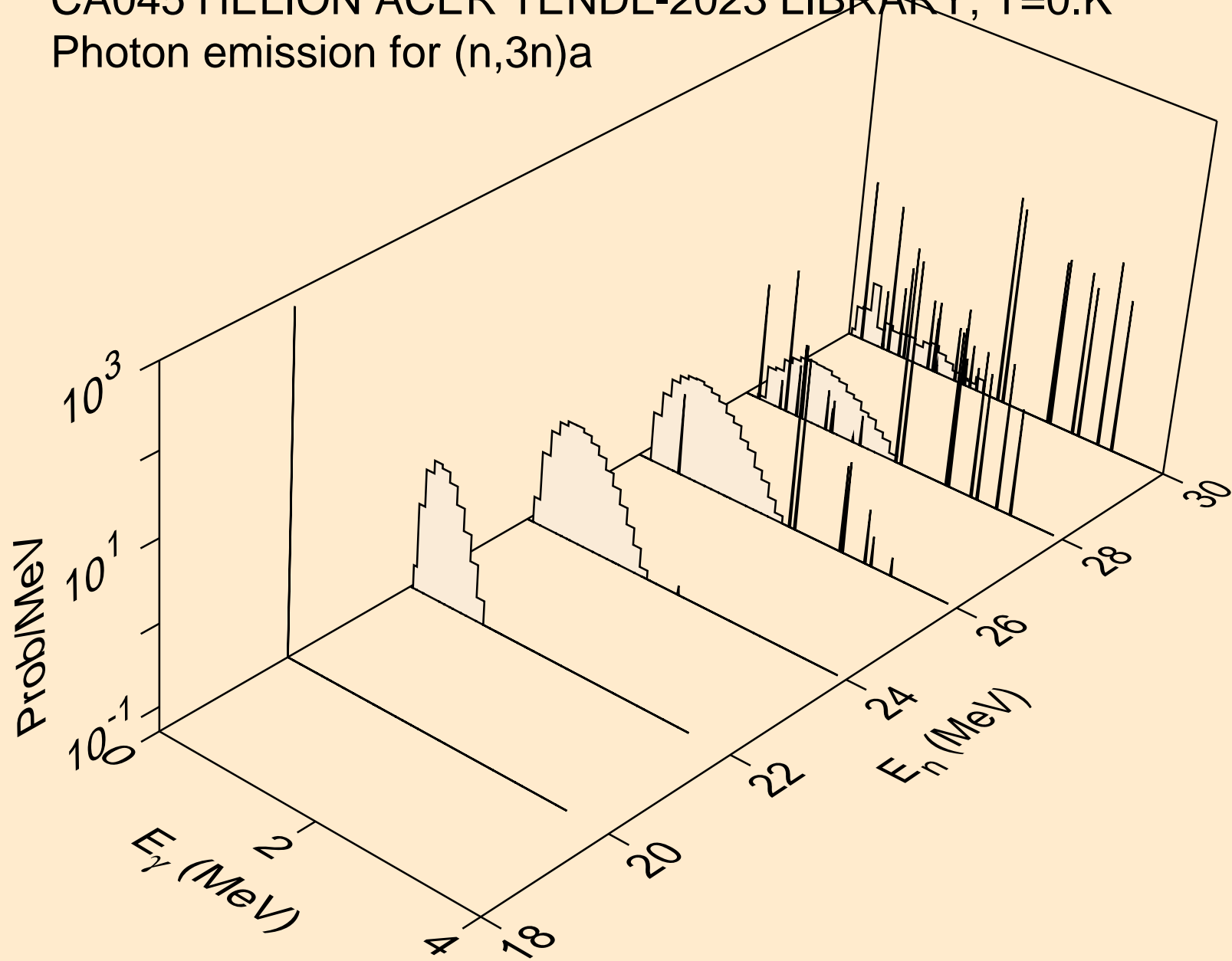
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Photon emission for (n,n\*)3a



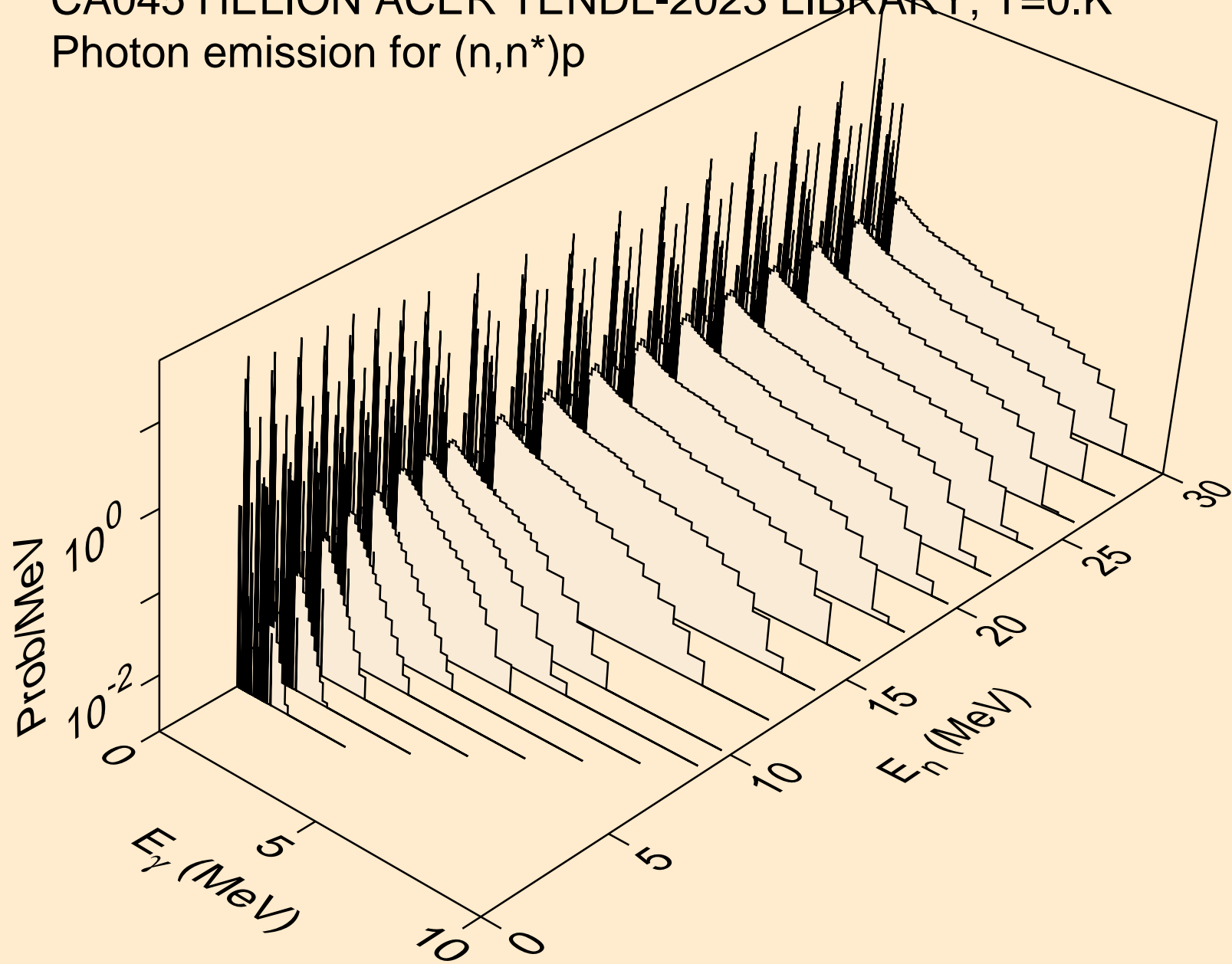
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Photon emission for (n,2n)a



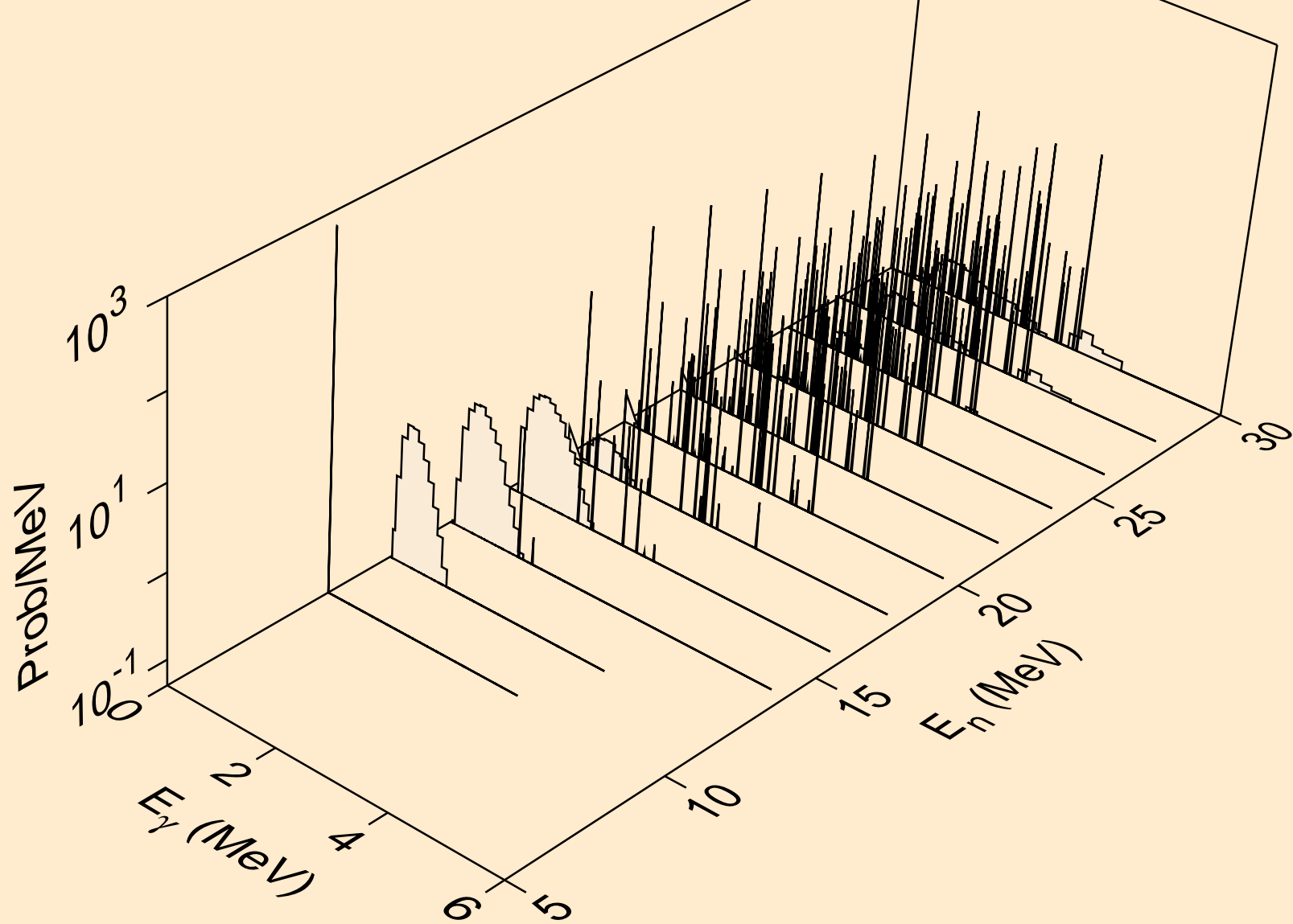
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Photon emission for (n,3n)a



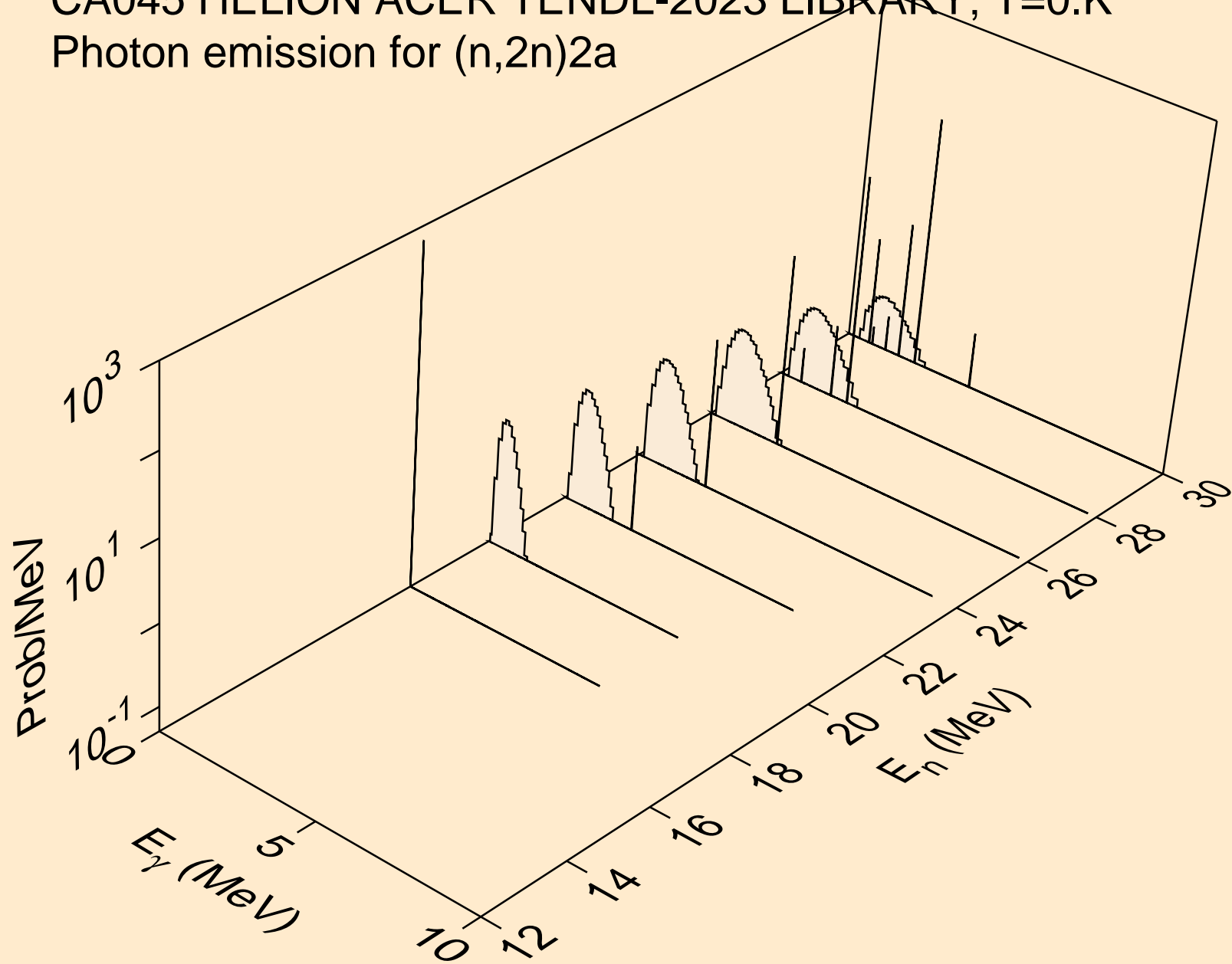
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



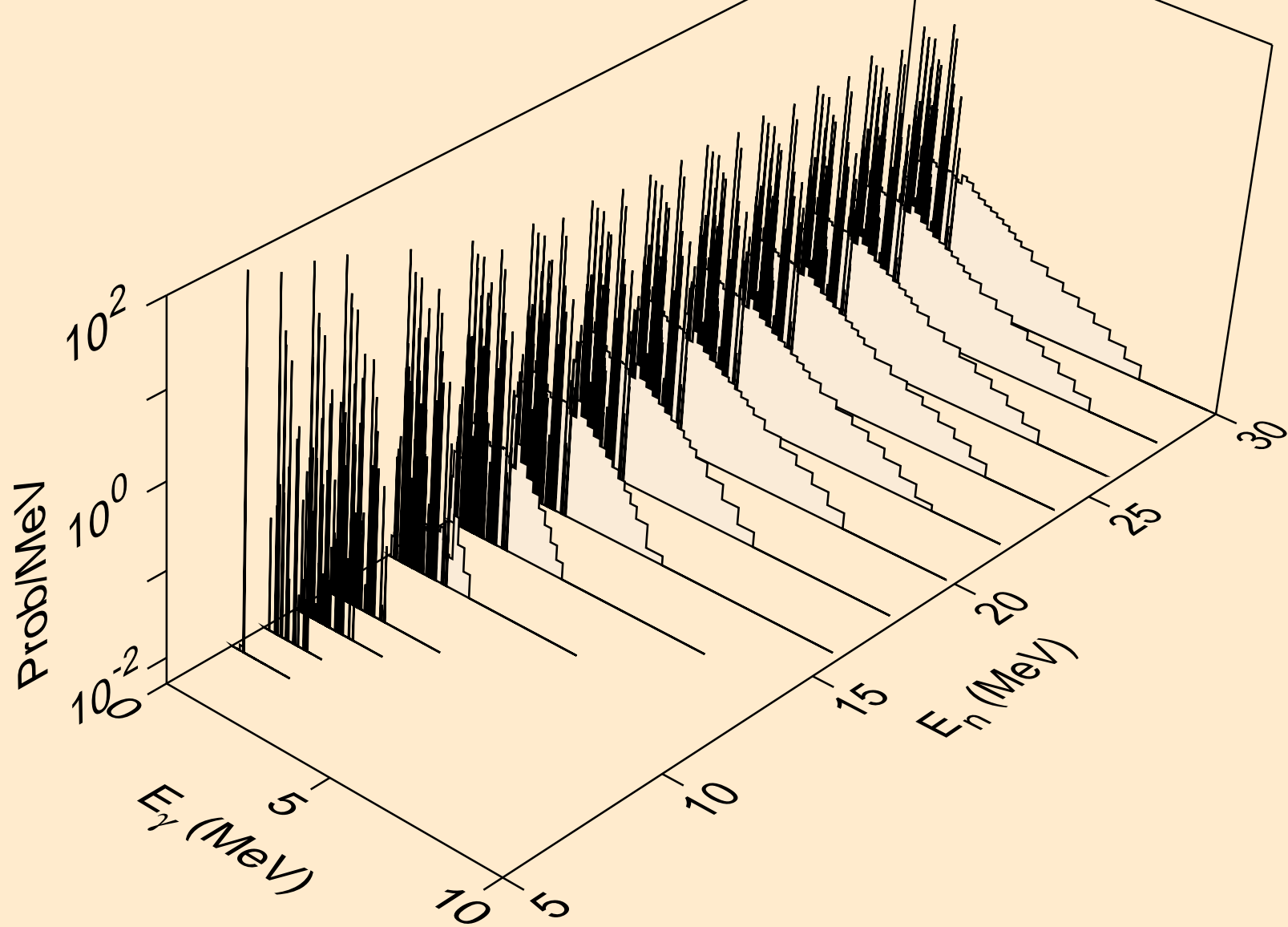
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Photon emission for (n,n\*)2a



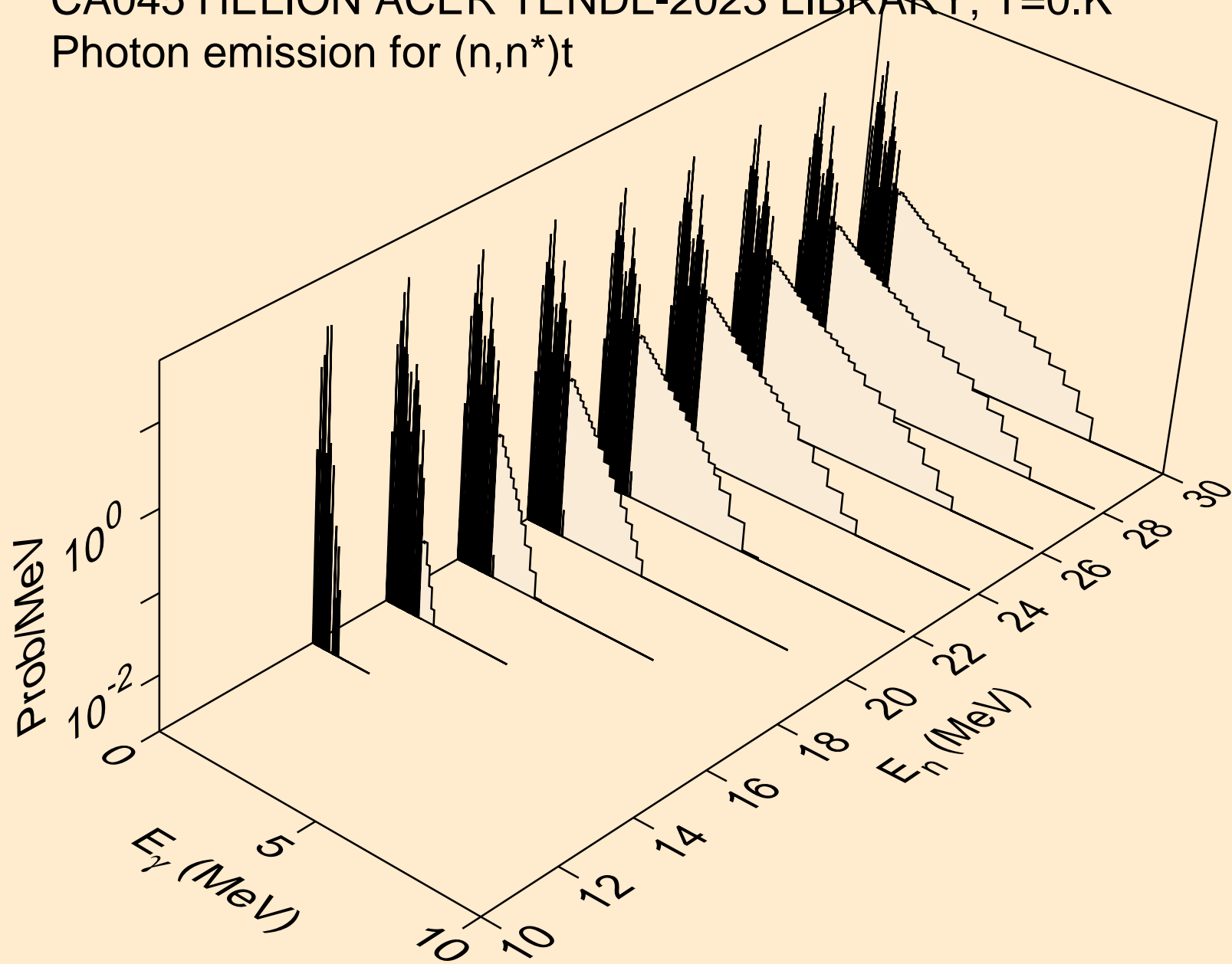
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

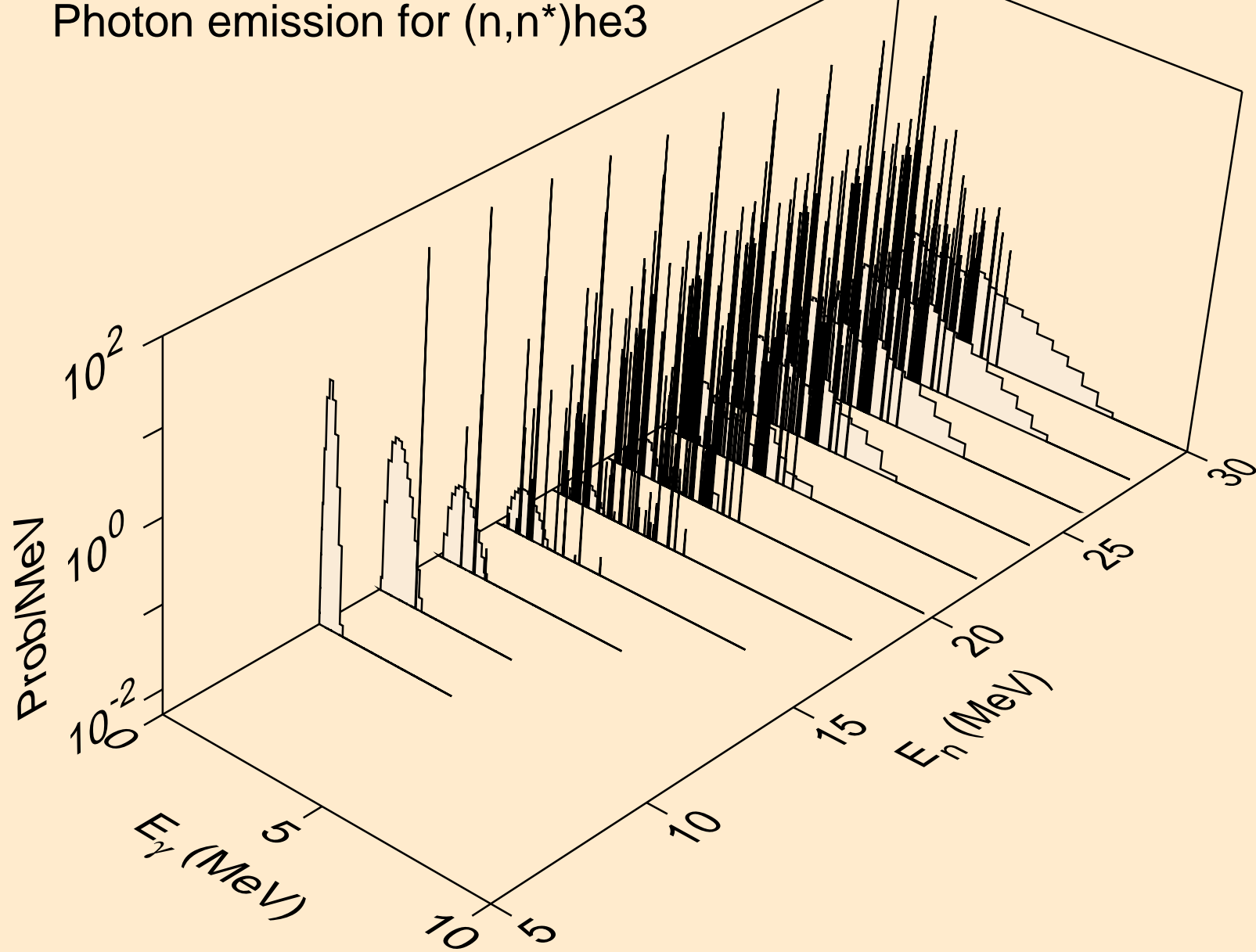


CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

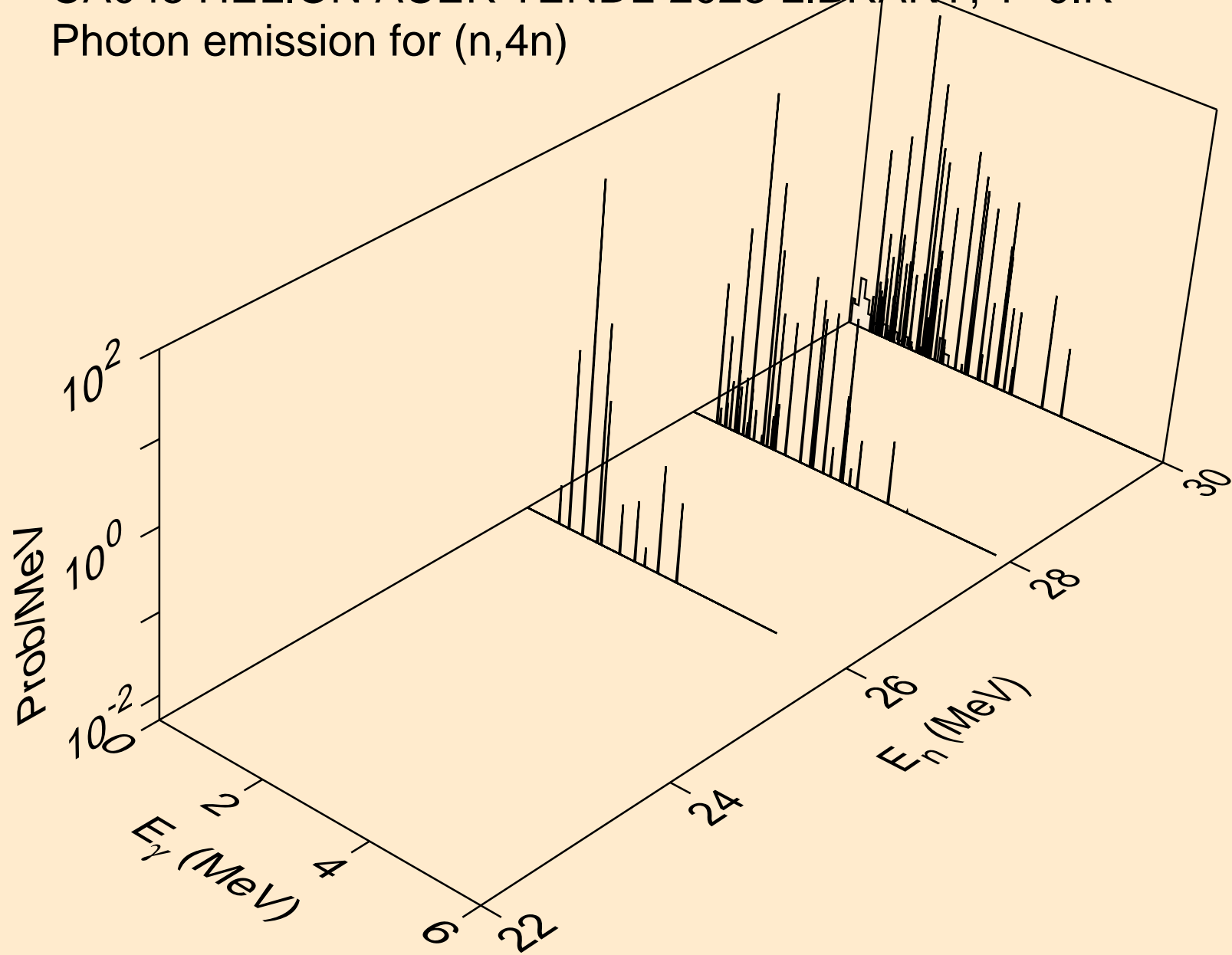




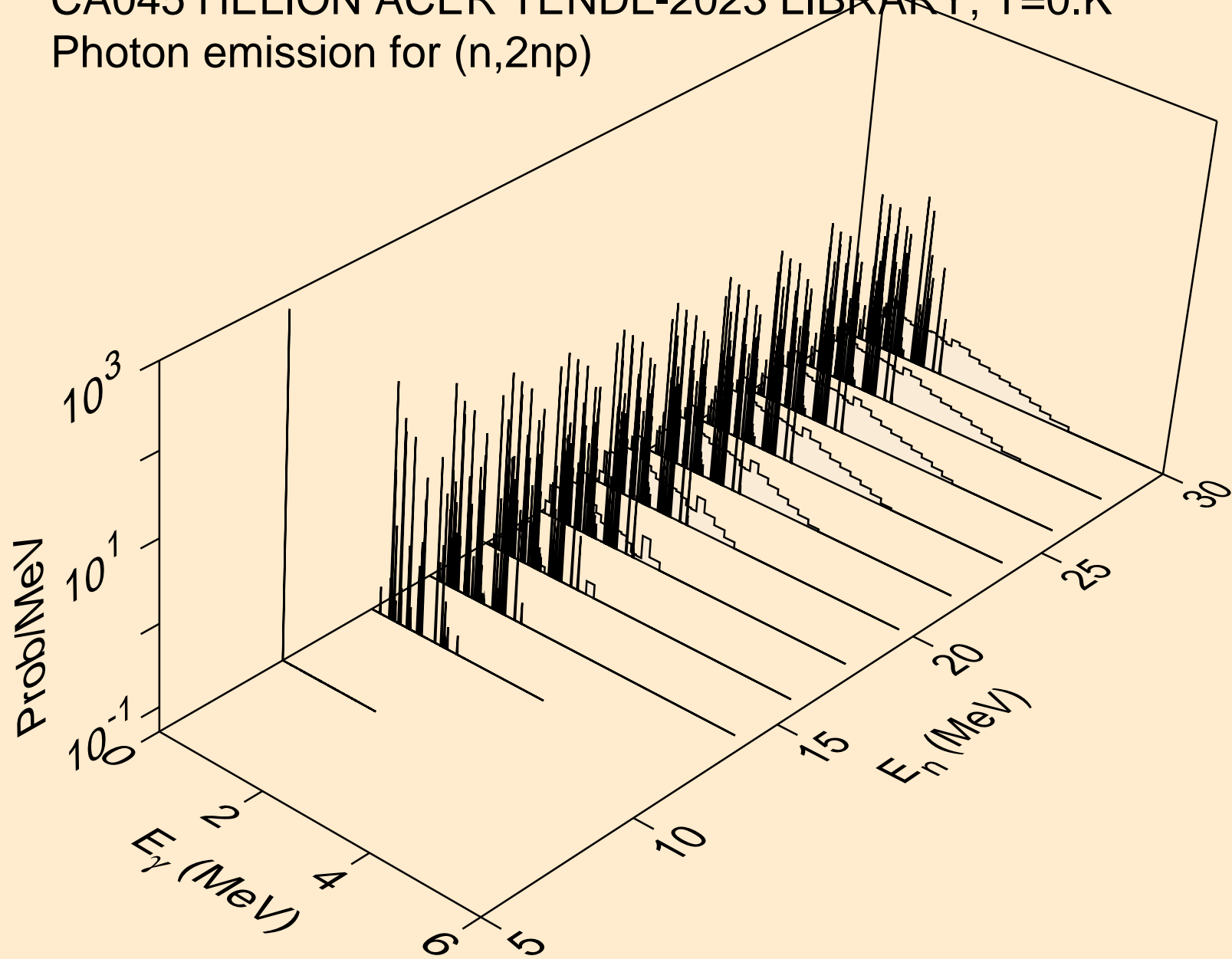
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Photon emission for (n,n\*)he3



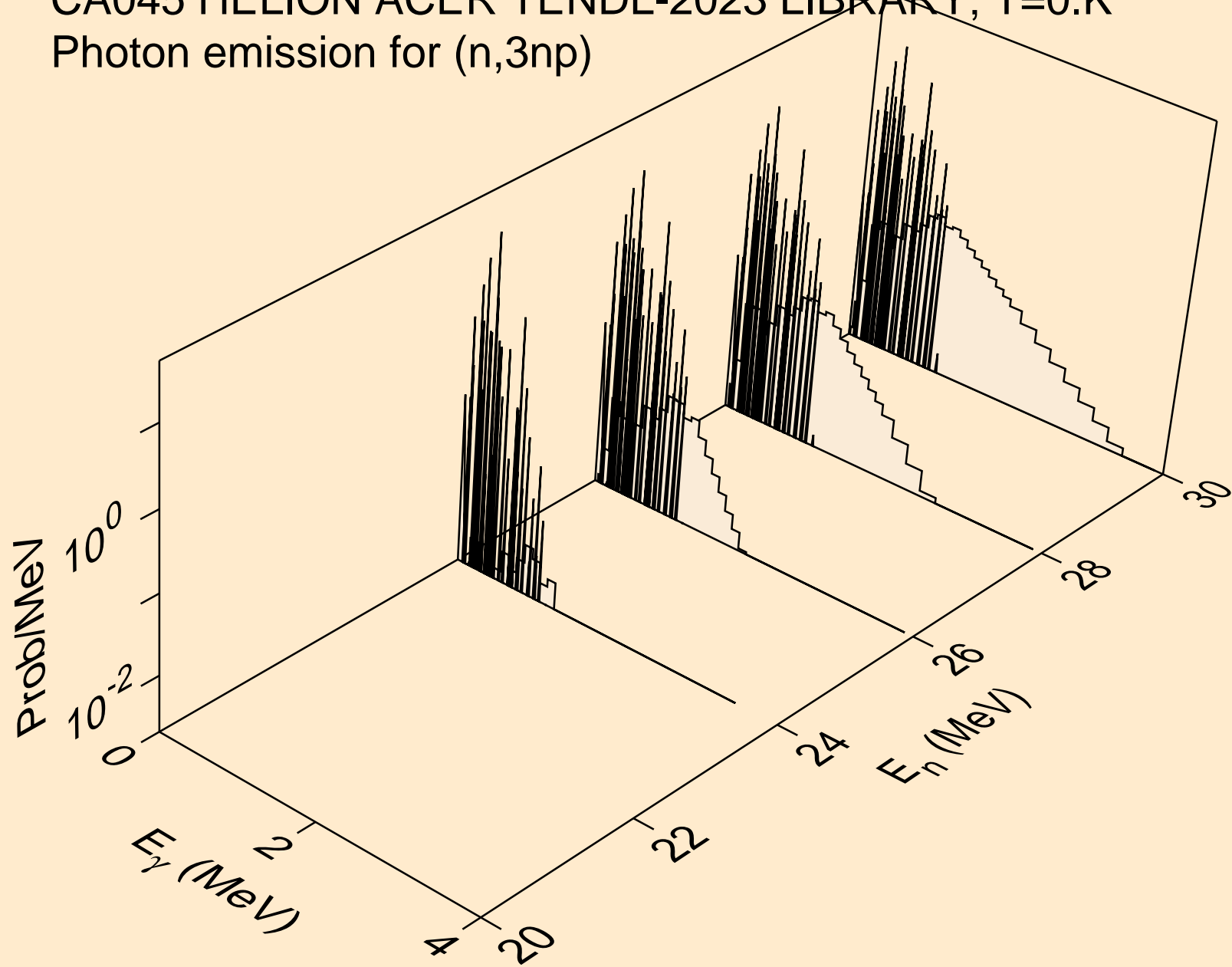
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Photon emission for (n,4n)



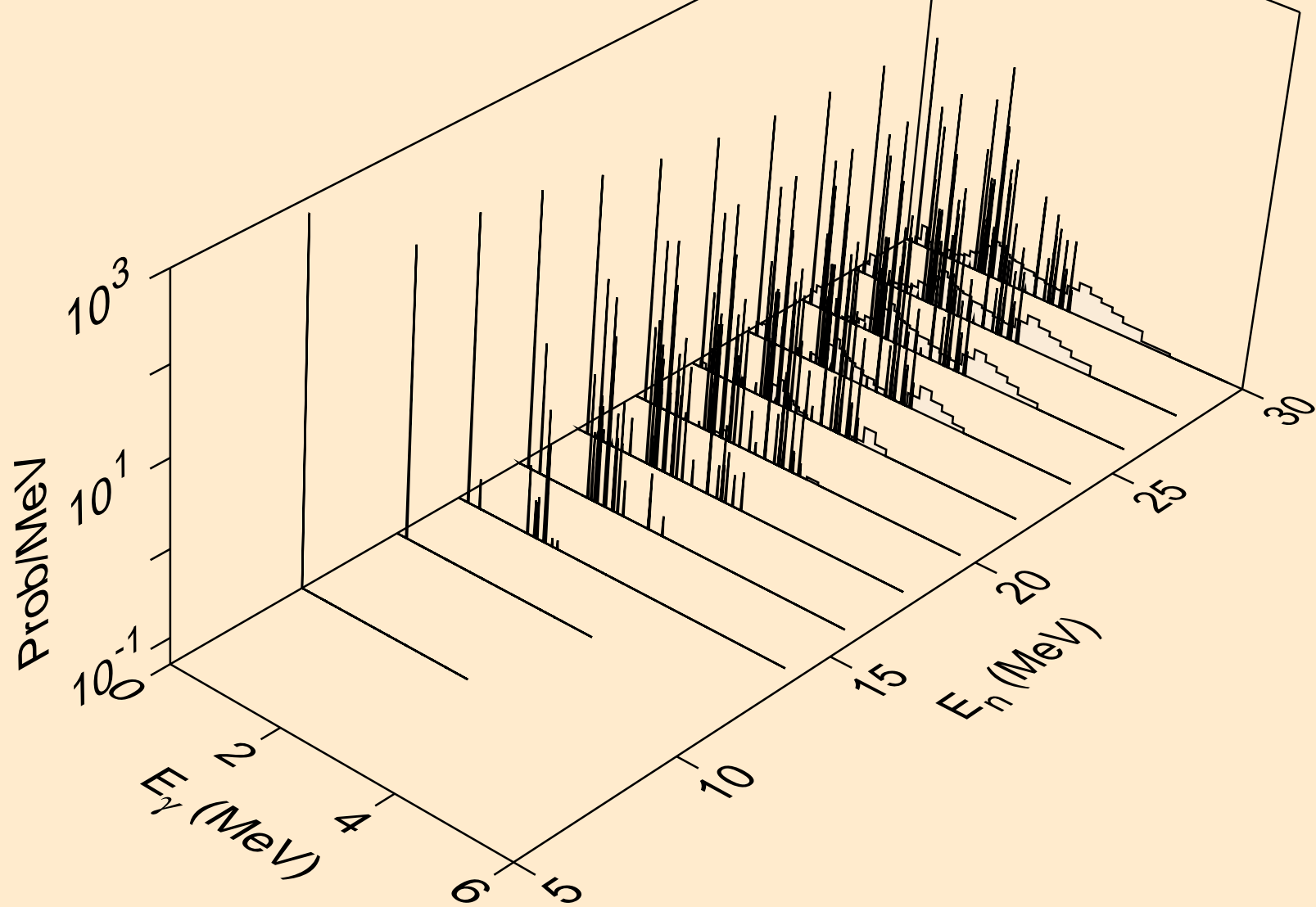
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Photon emission for (n,2np)



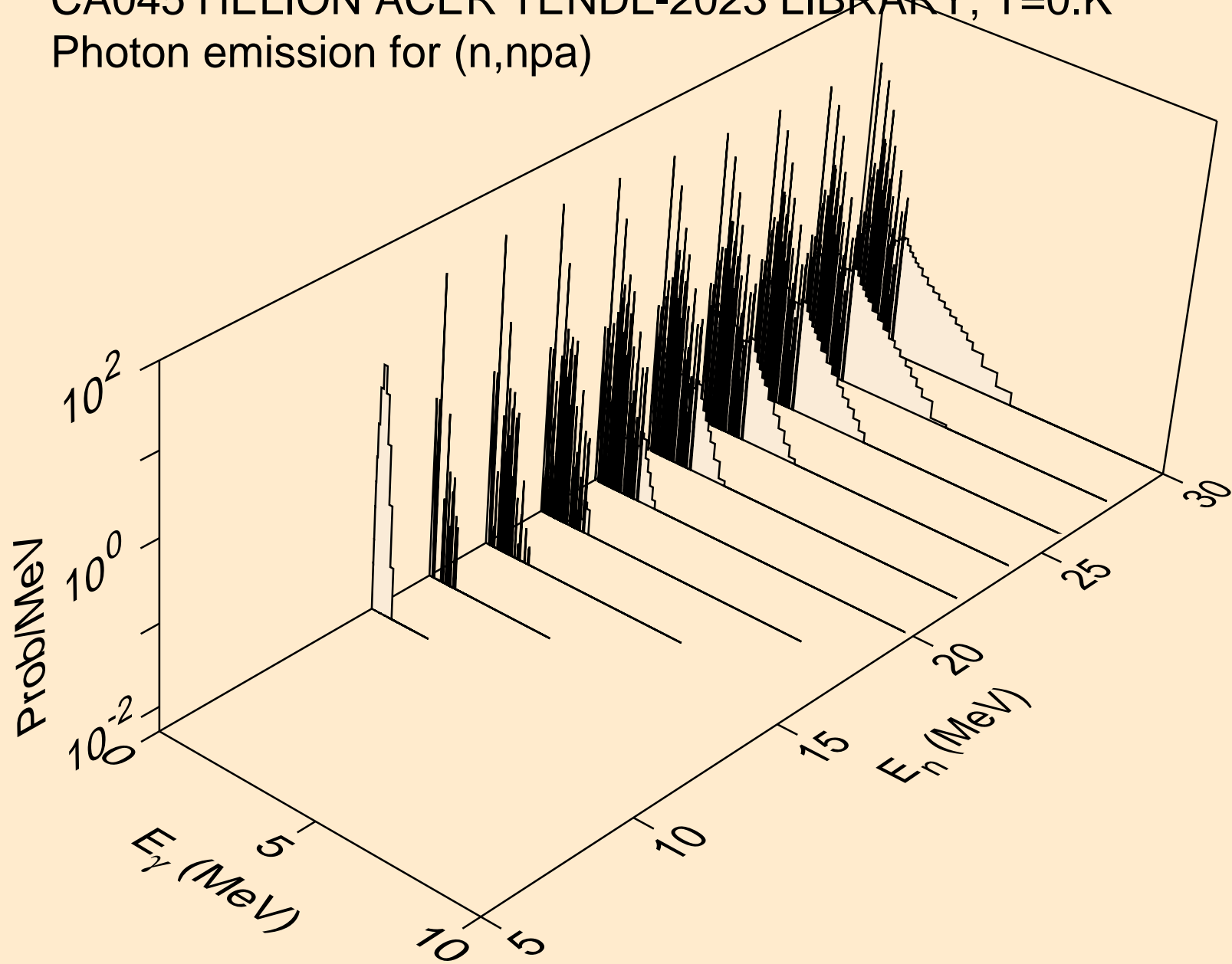
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Photon emission for (n,3np)



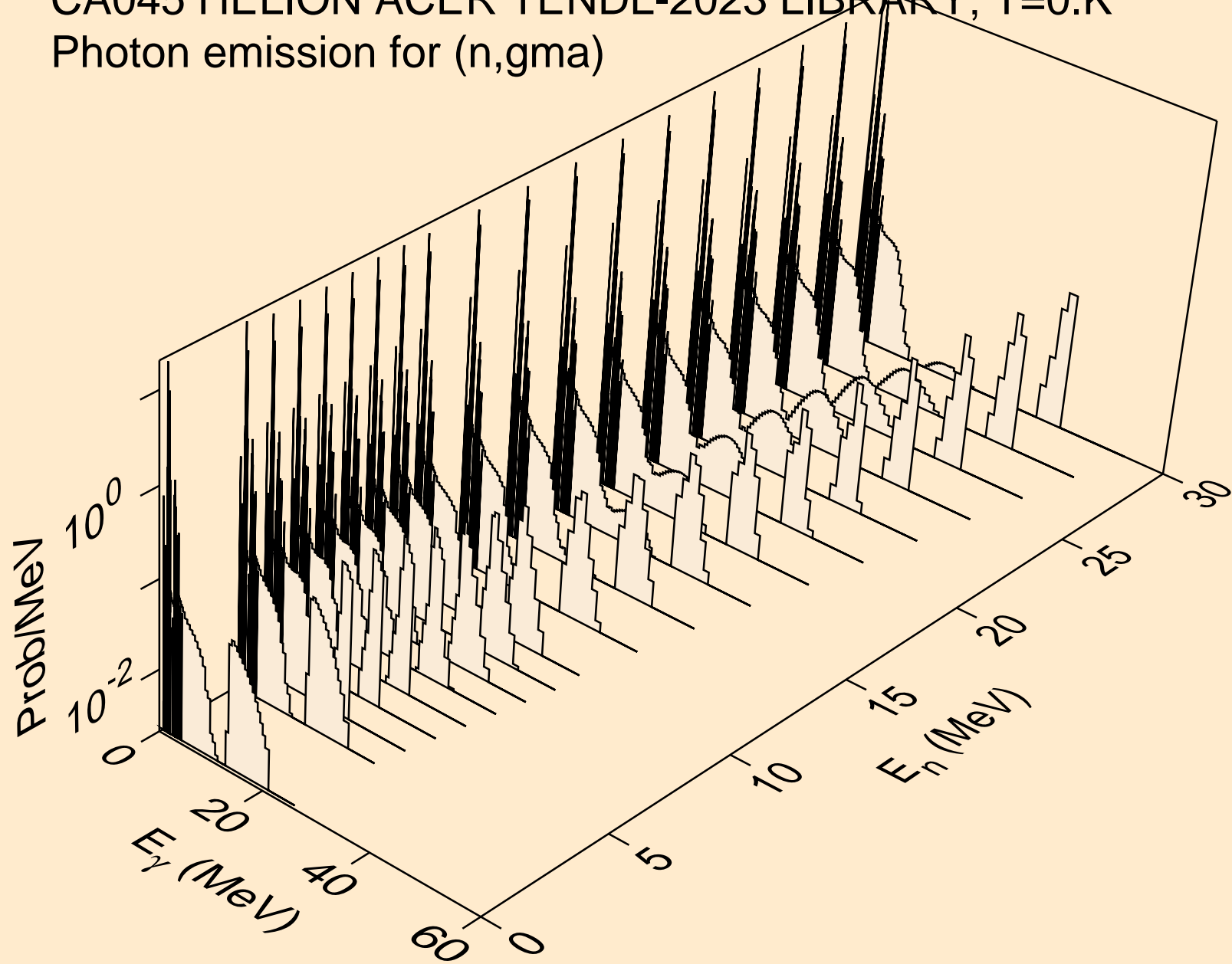
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Photon emission for (n,n2p)



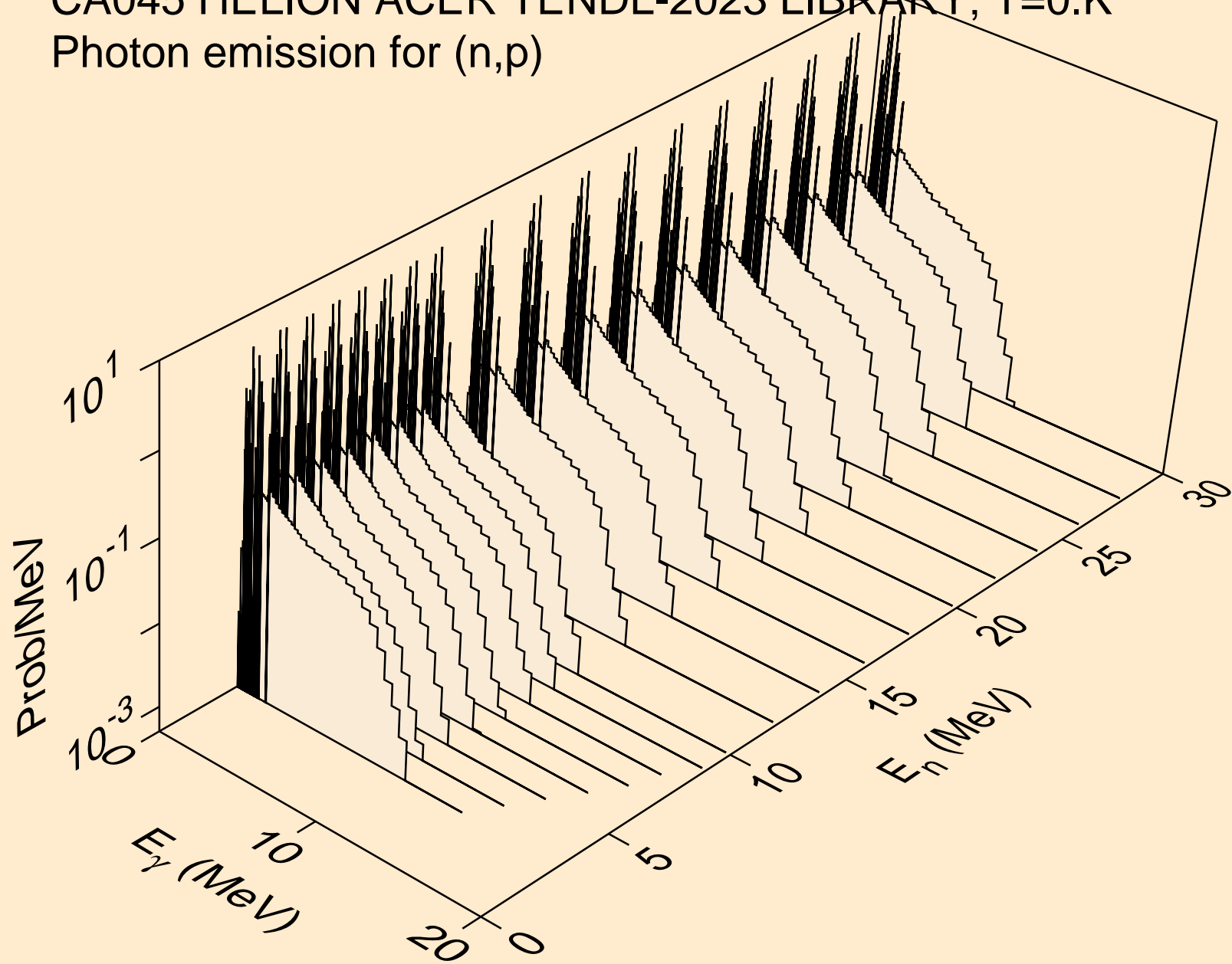
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

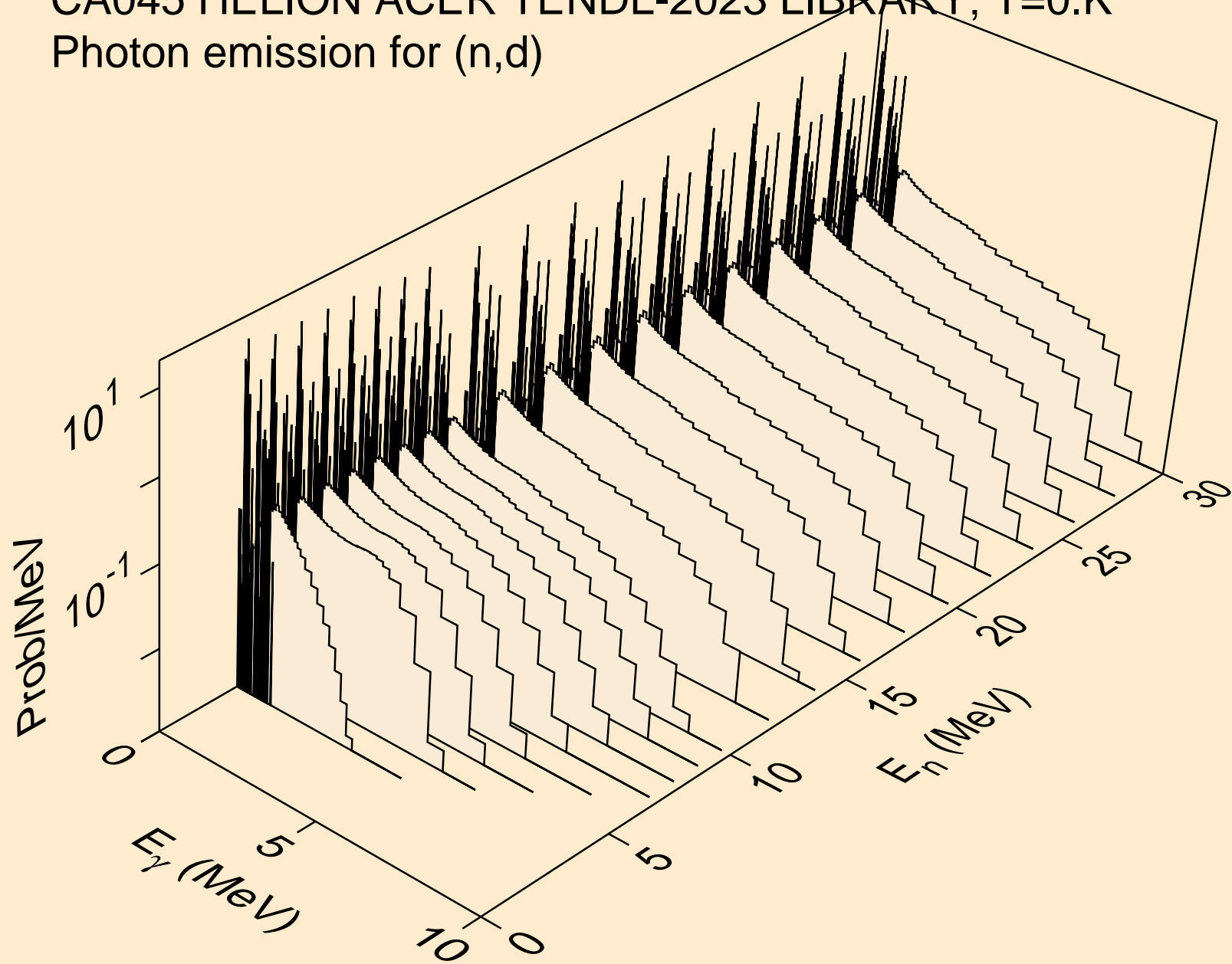


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Photon emission for (n,p)

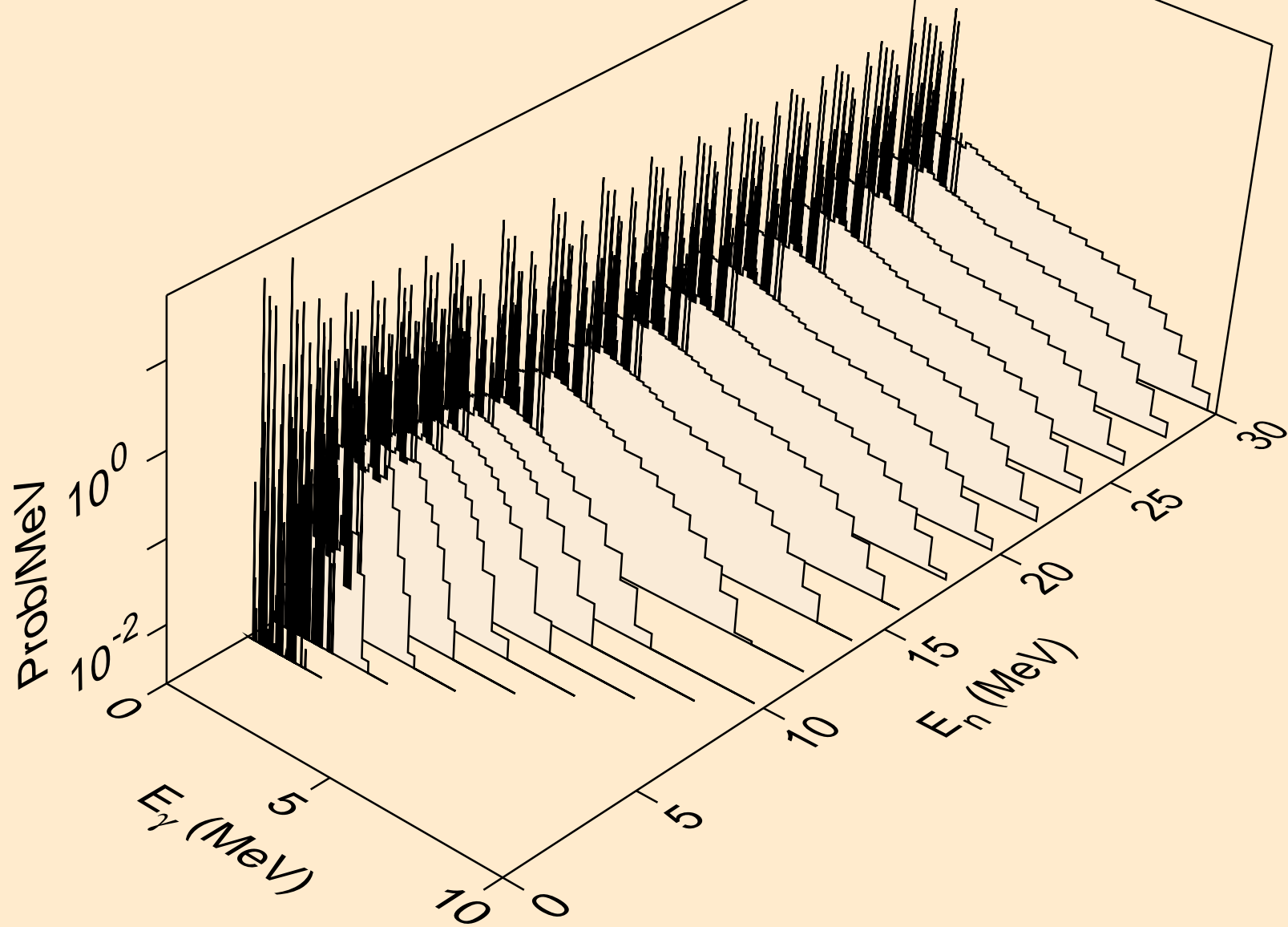




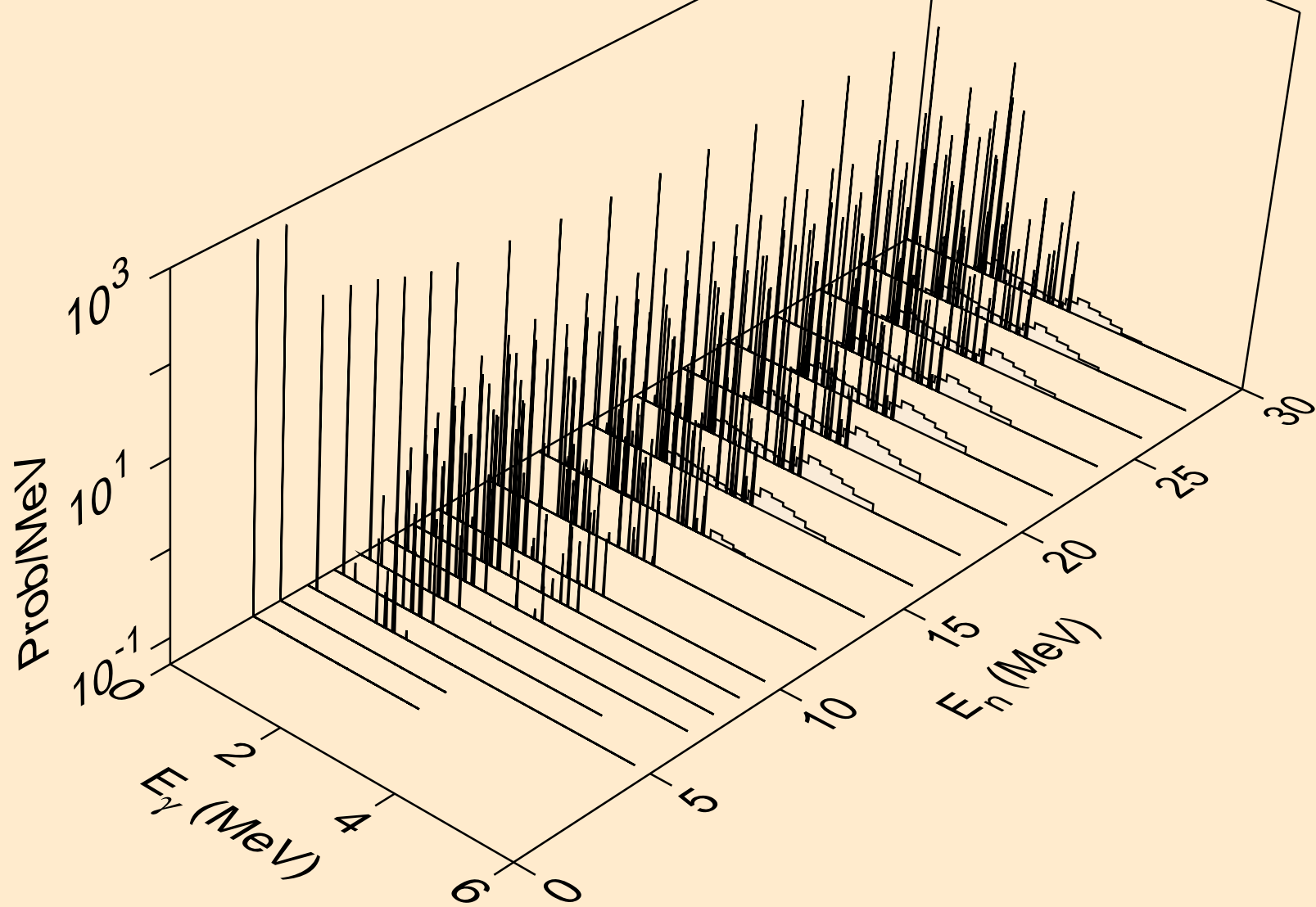
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Photon emission for (n,d)



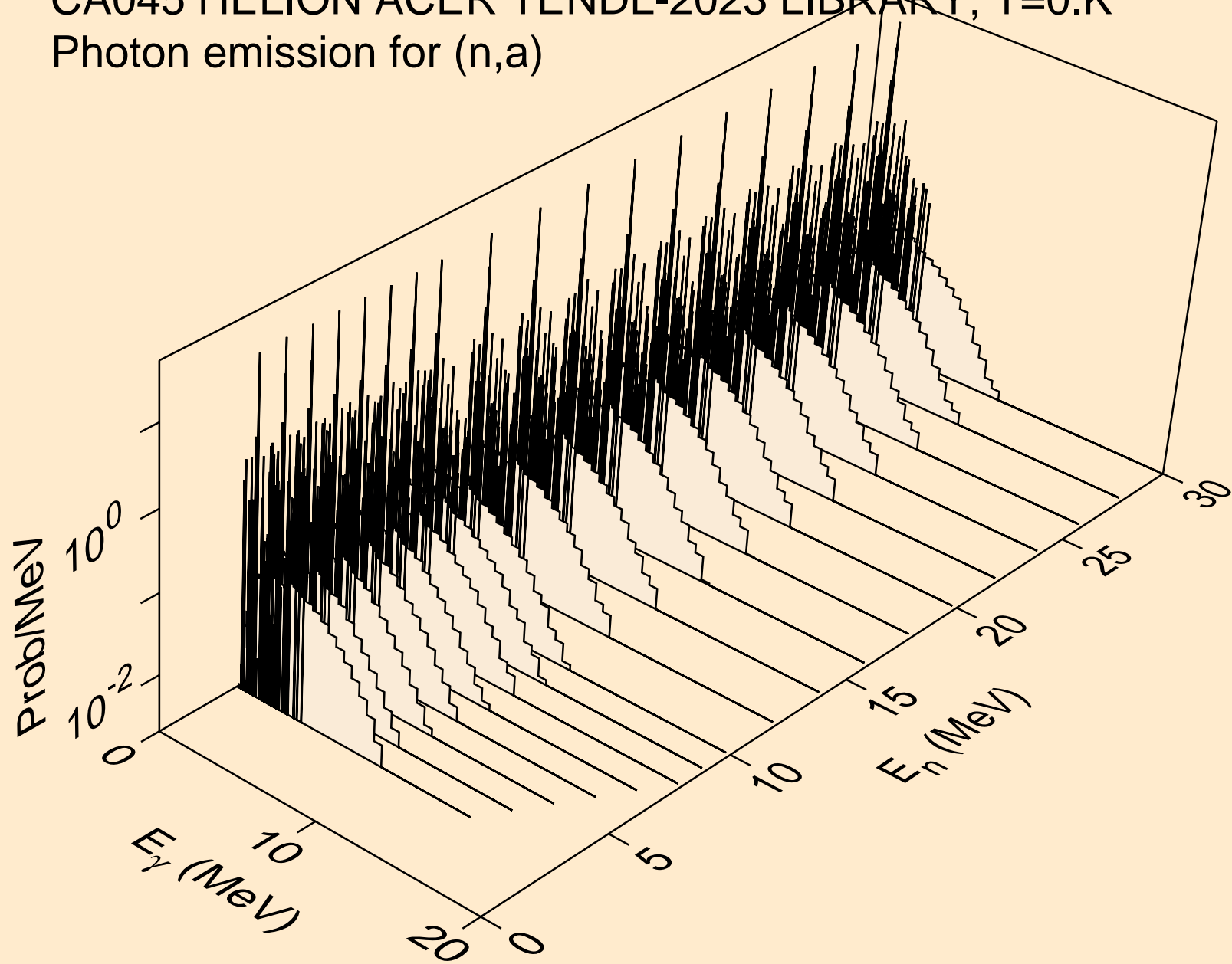
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Photon emission for (n,t)



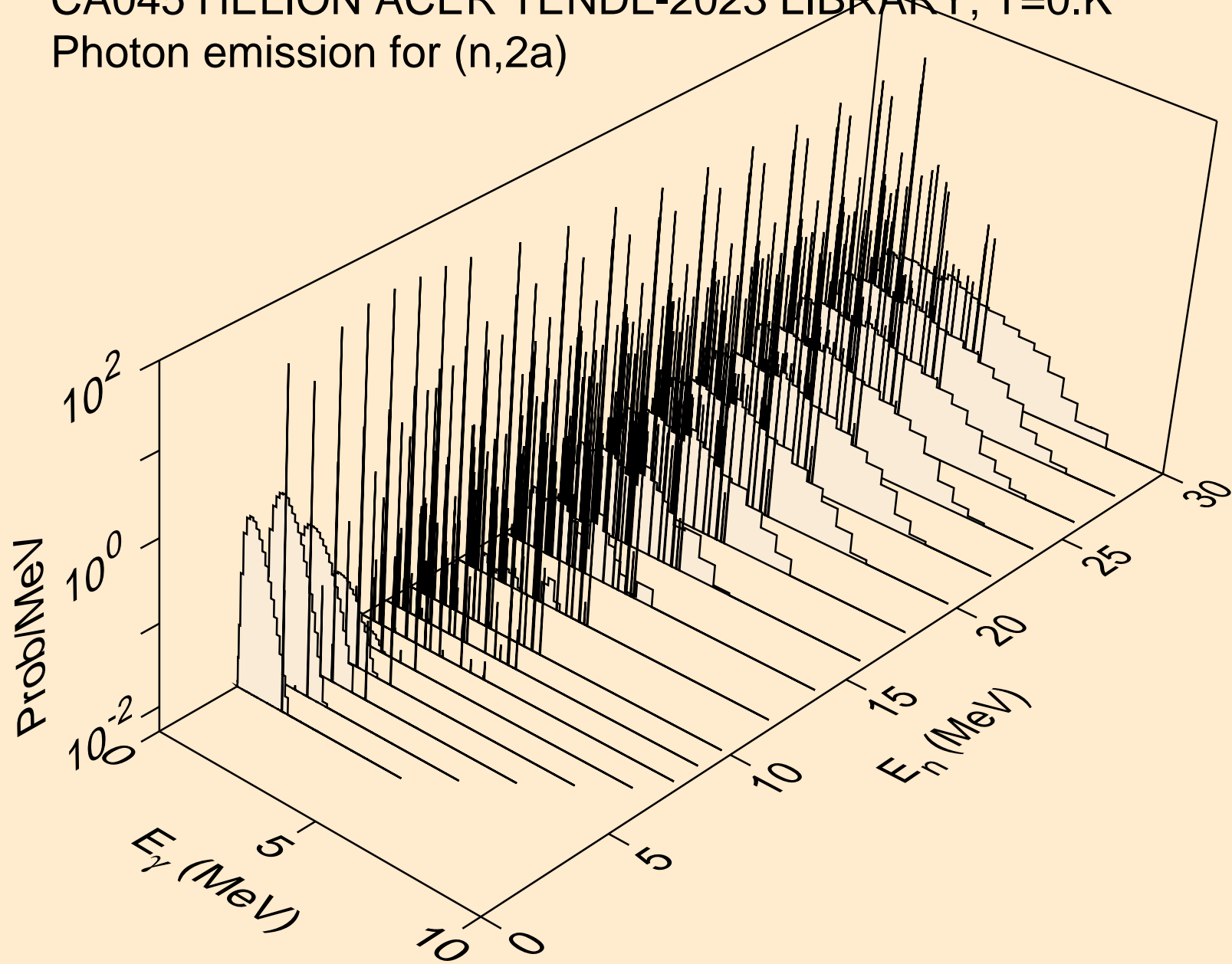
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



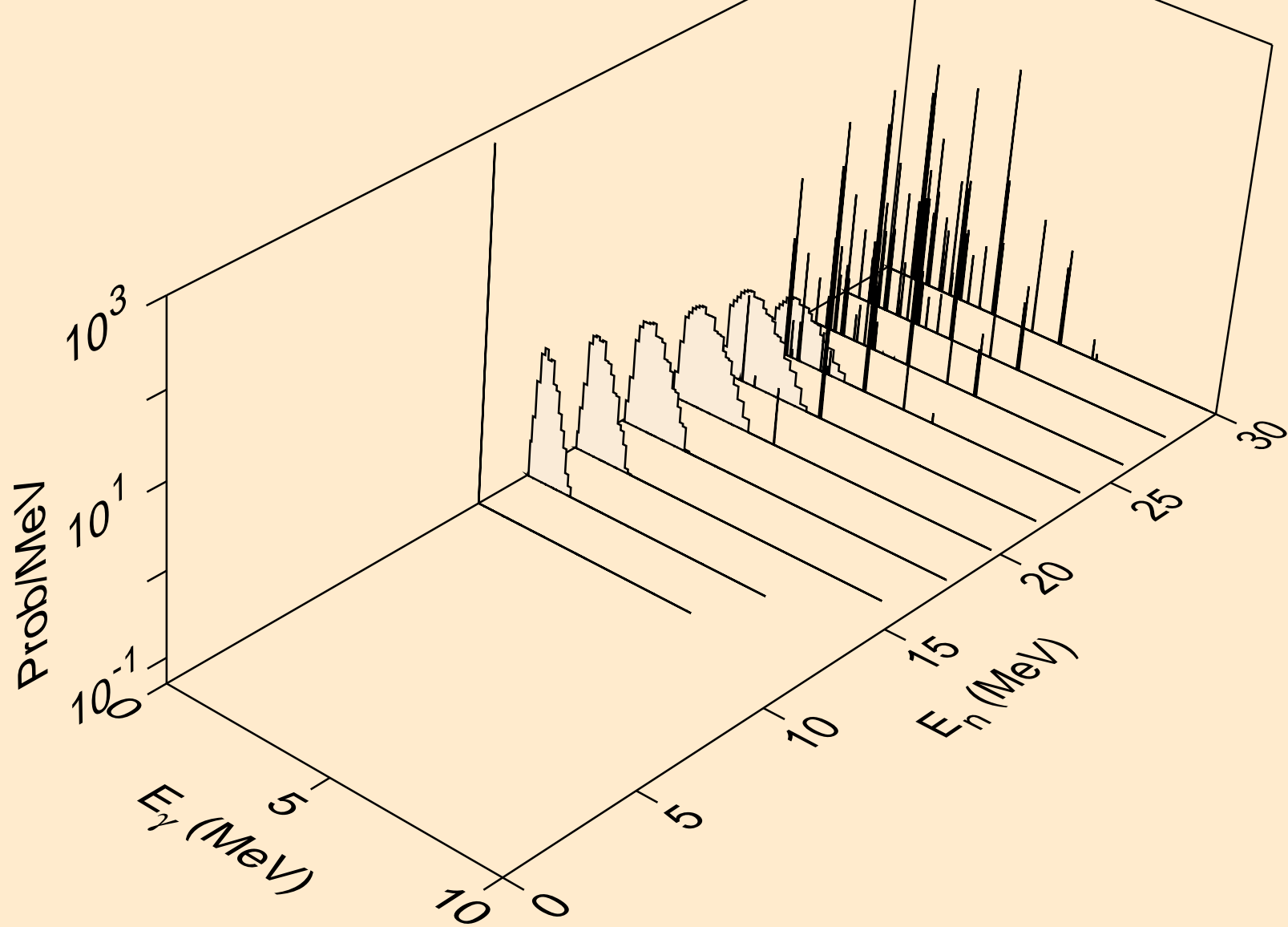
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Photon emission for (n,a)



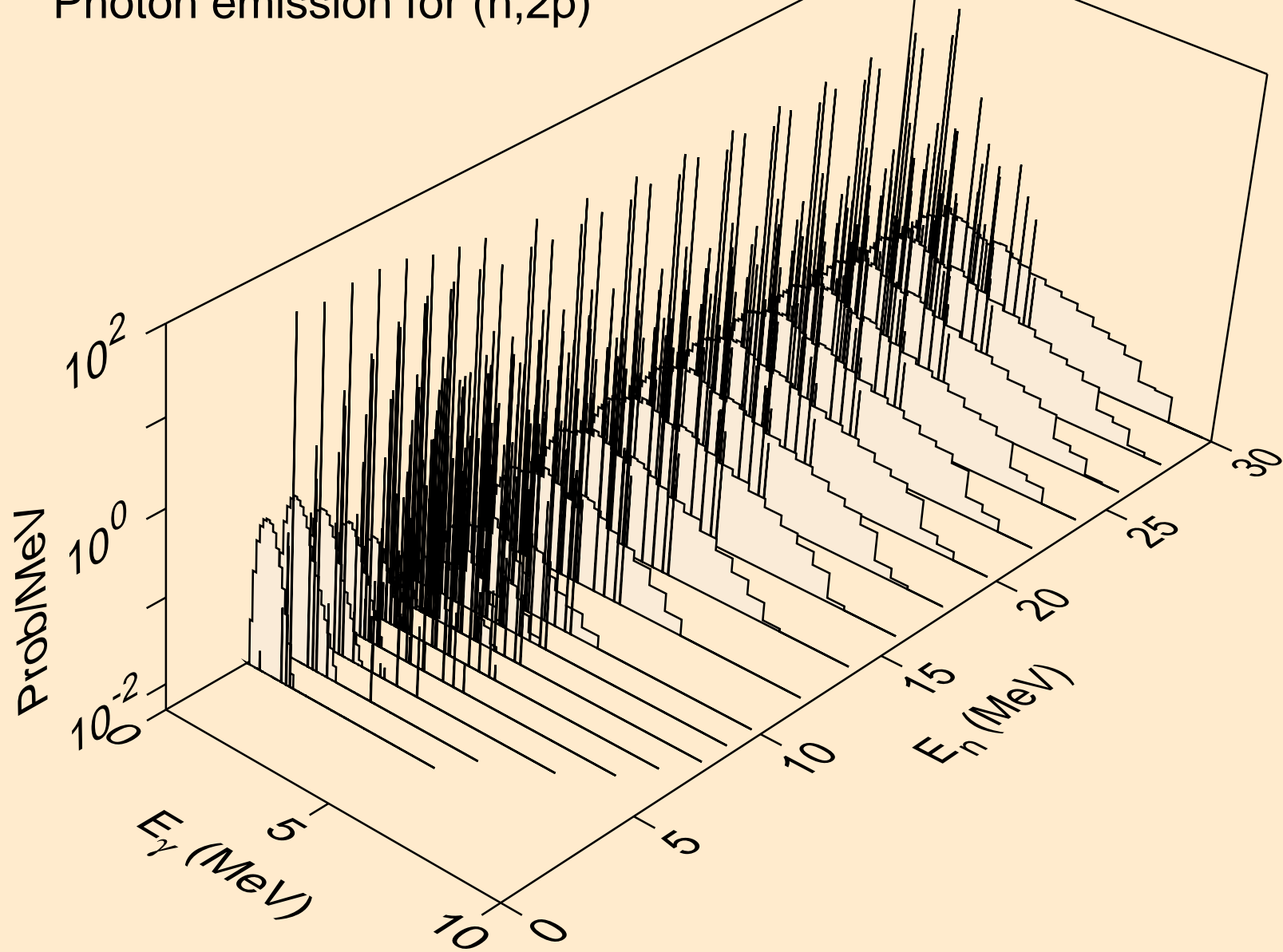
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Photon emission for (n,2a)



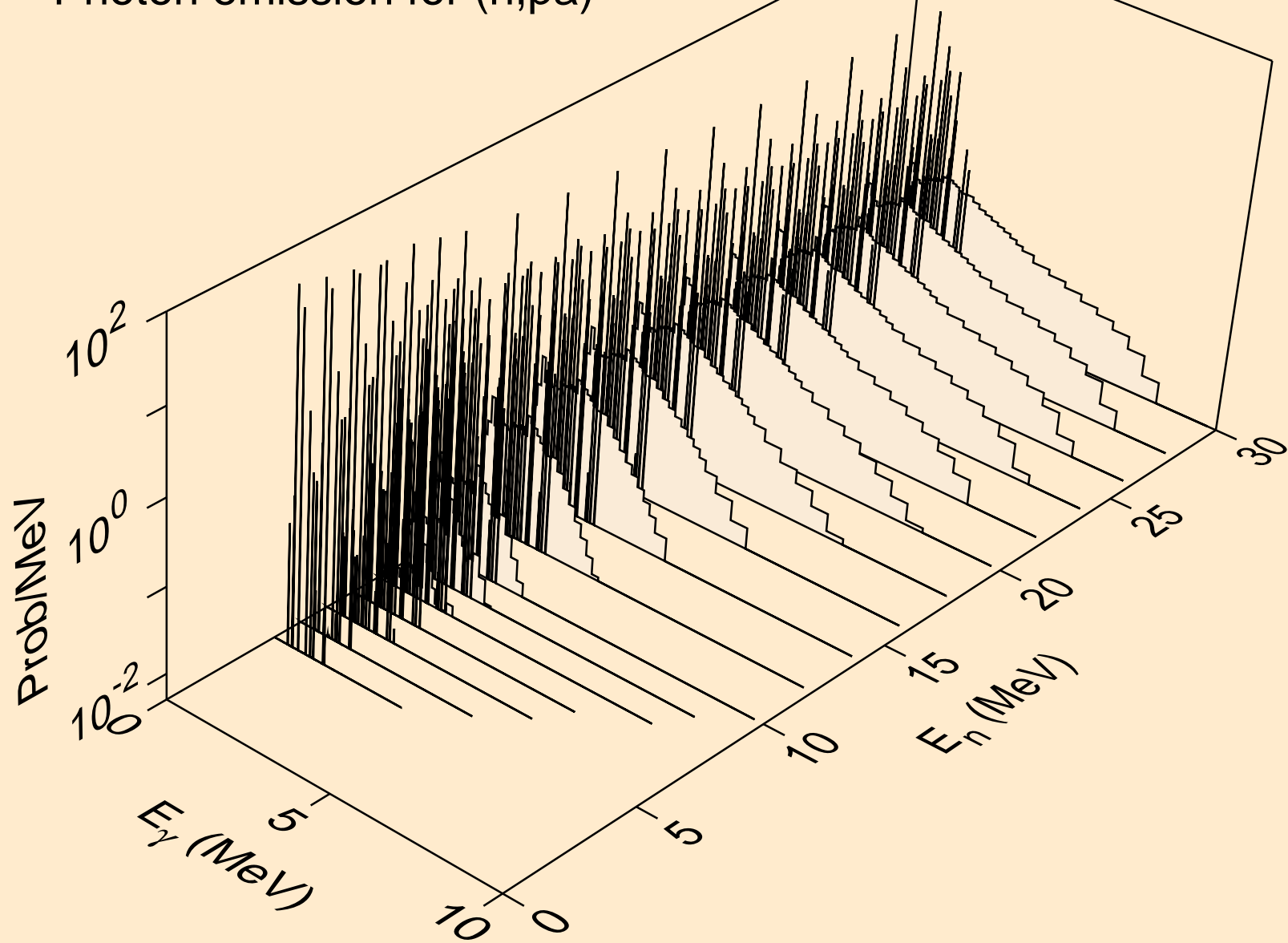
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

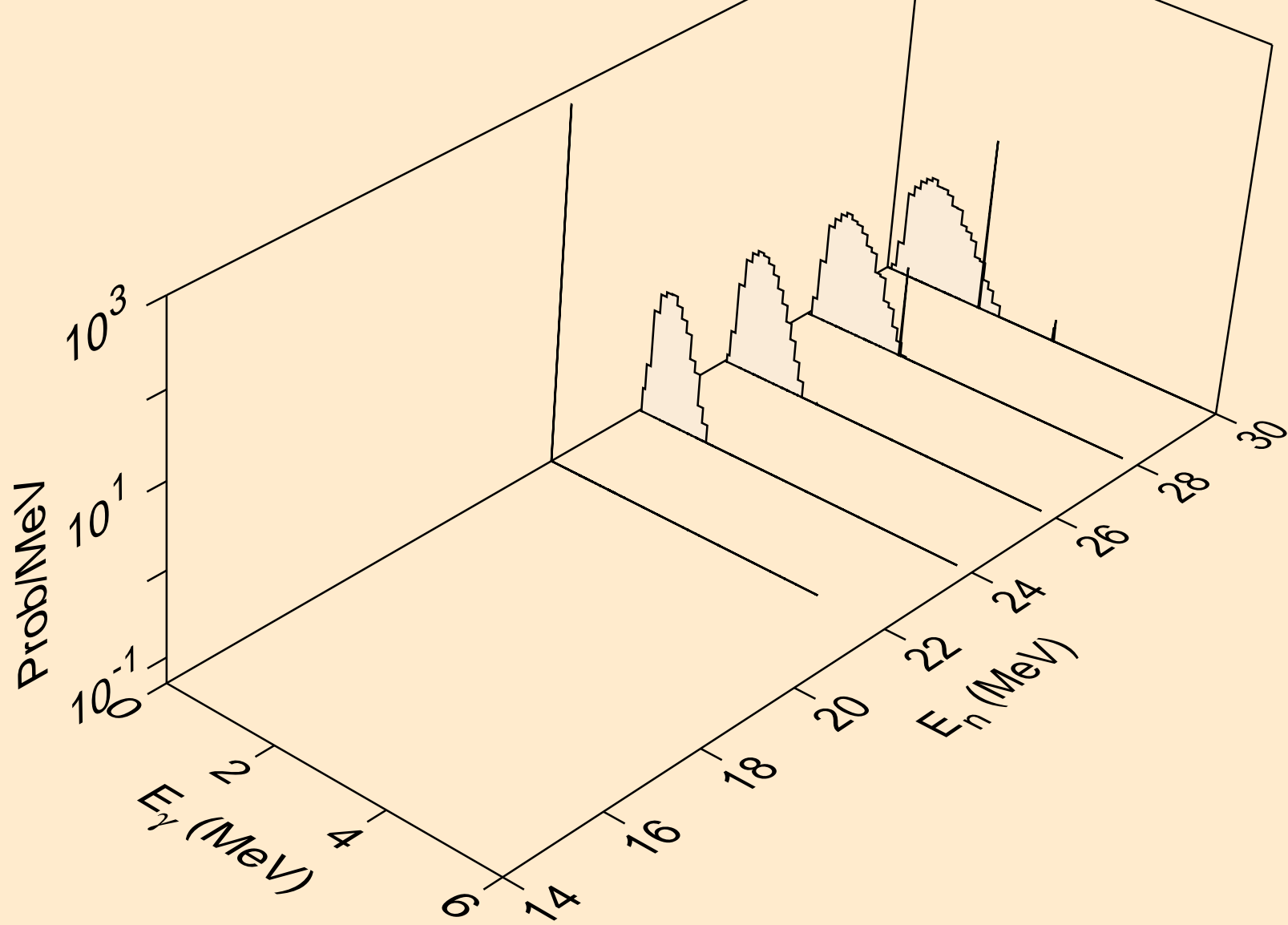


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Photon emission for (n,pa)

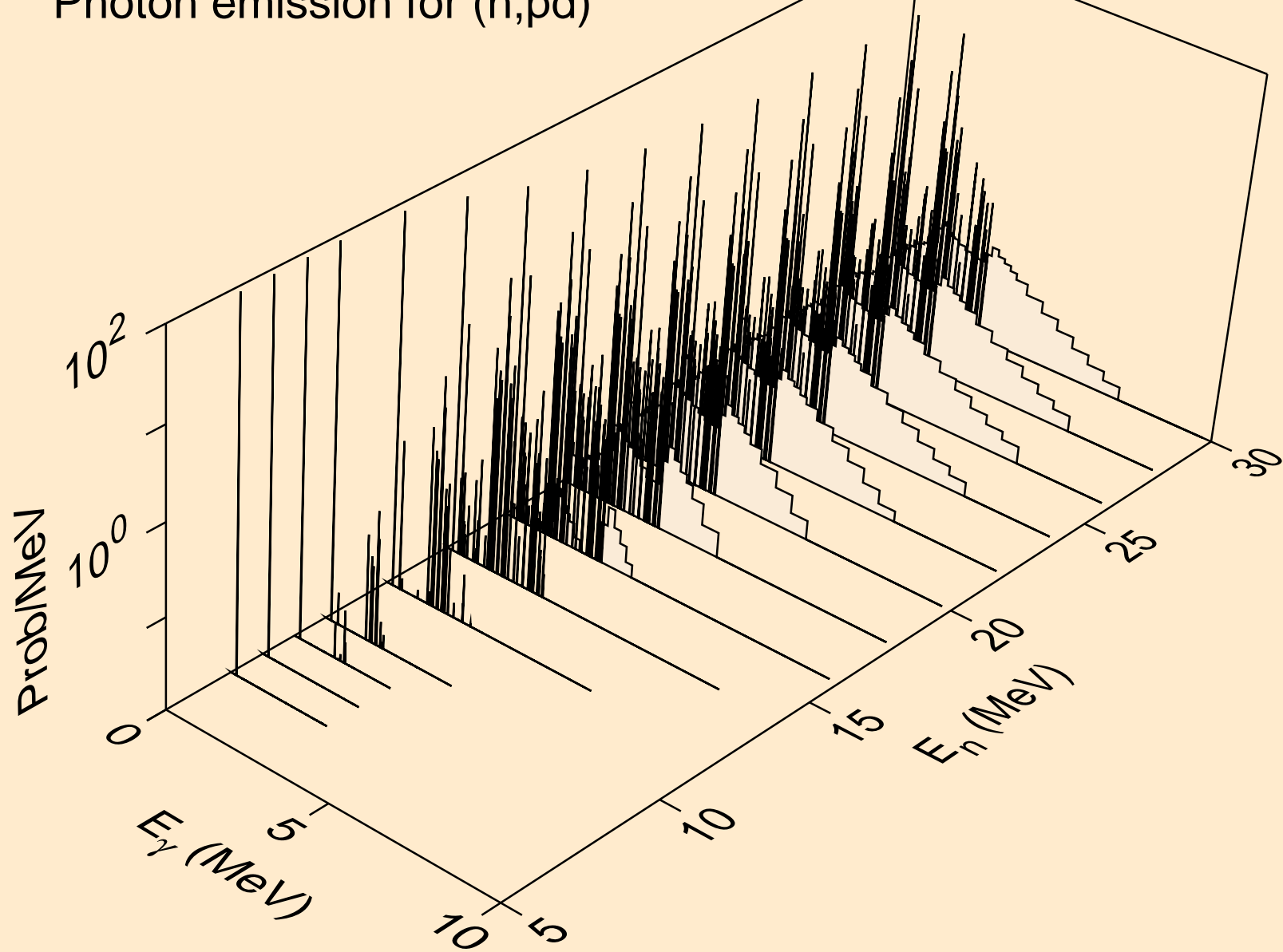




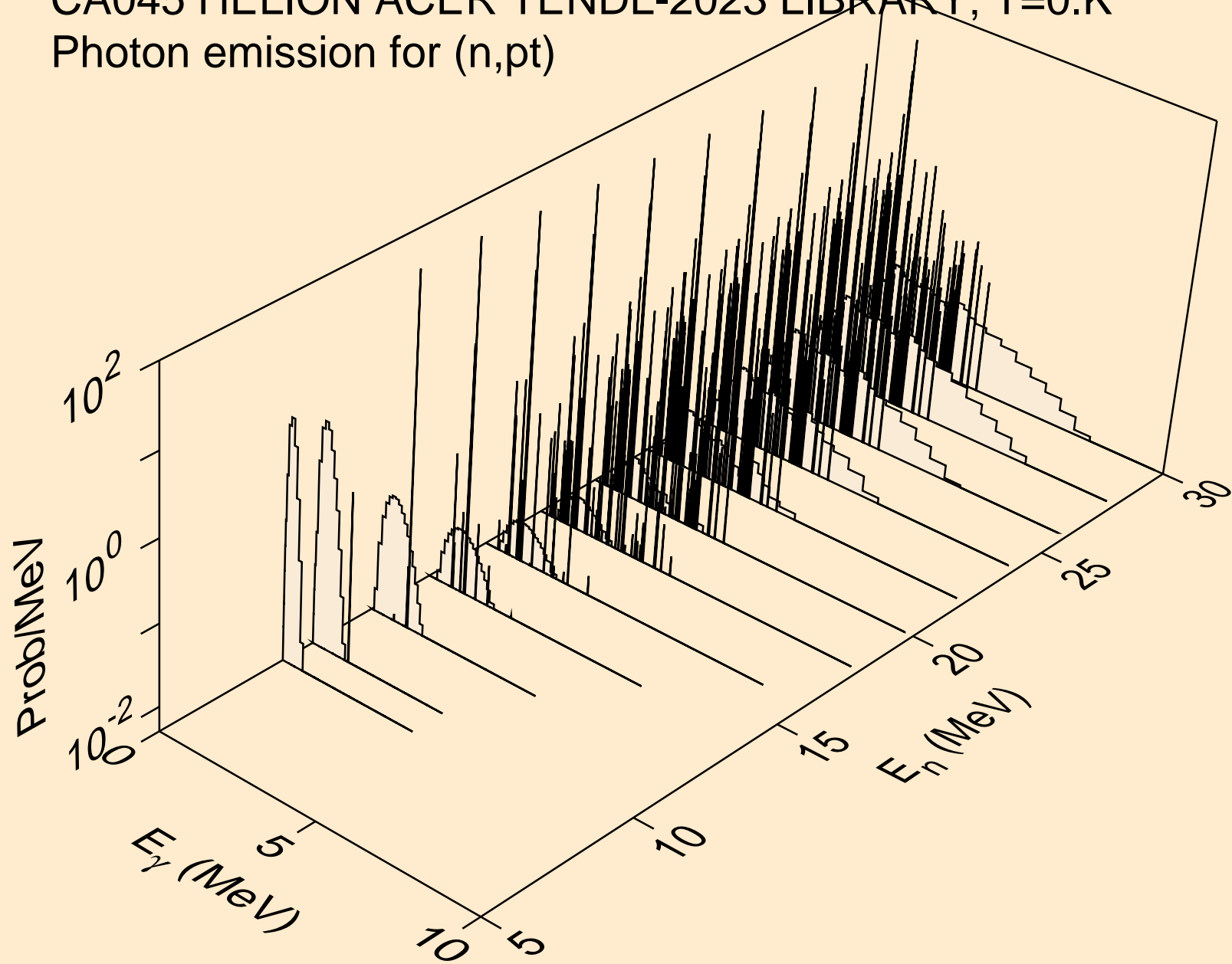
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Photon emission for (n,t2a)



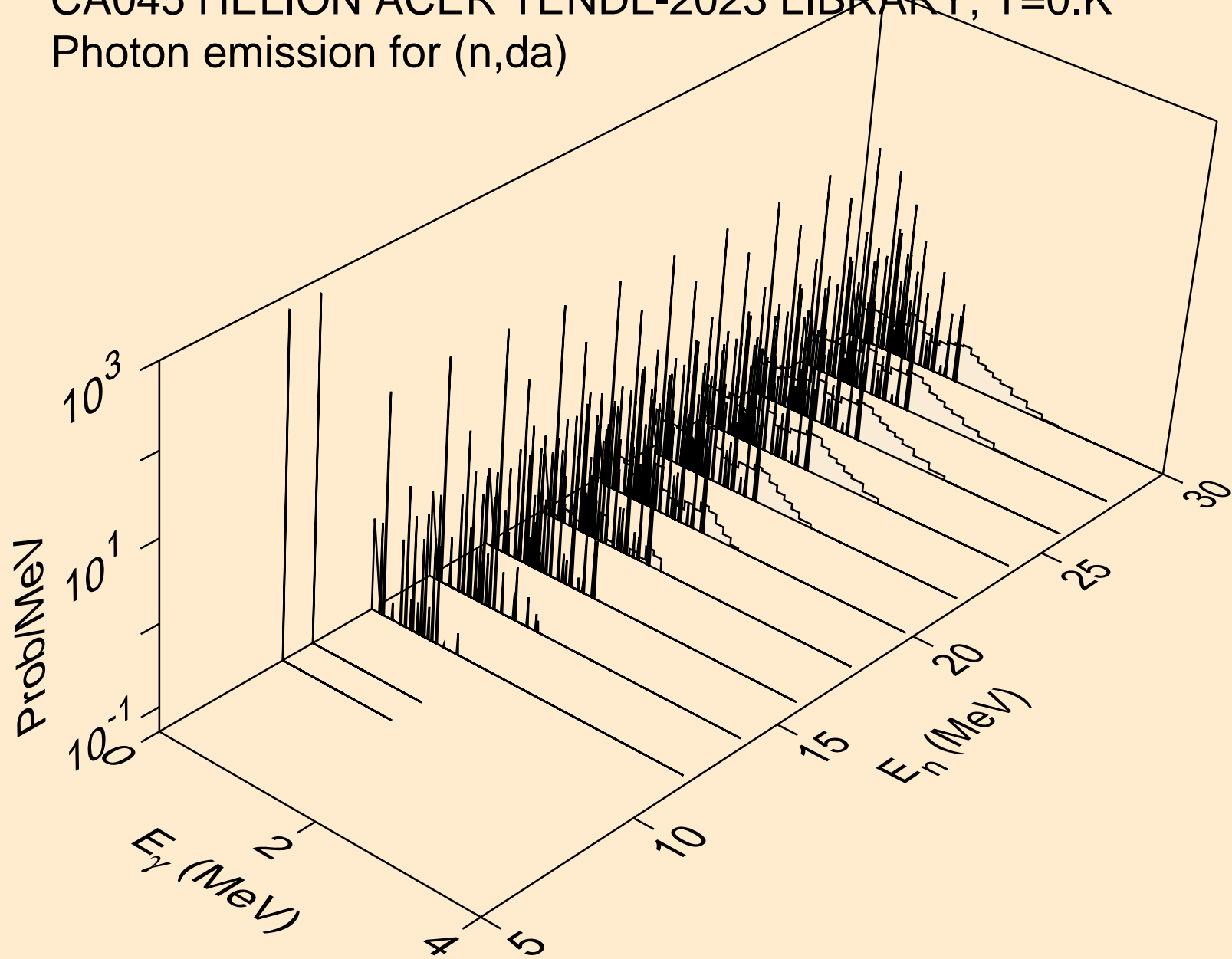
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Photon emission for (n,pd)



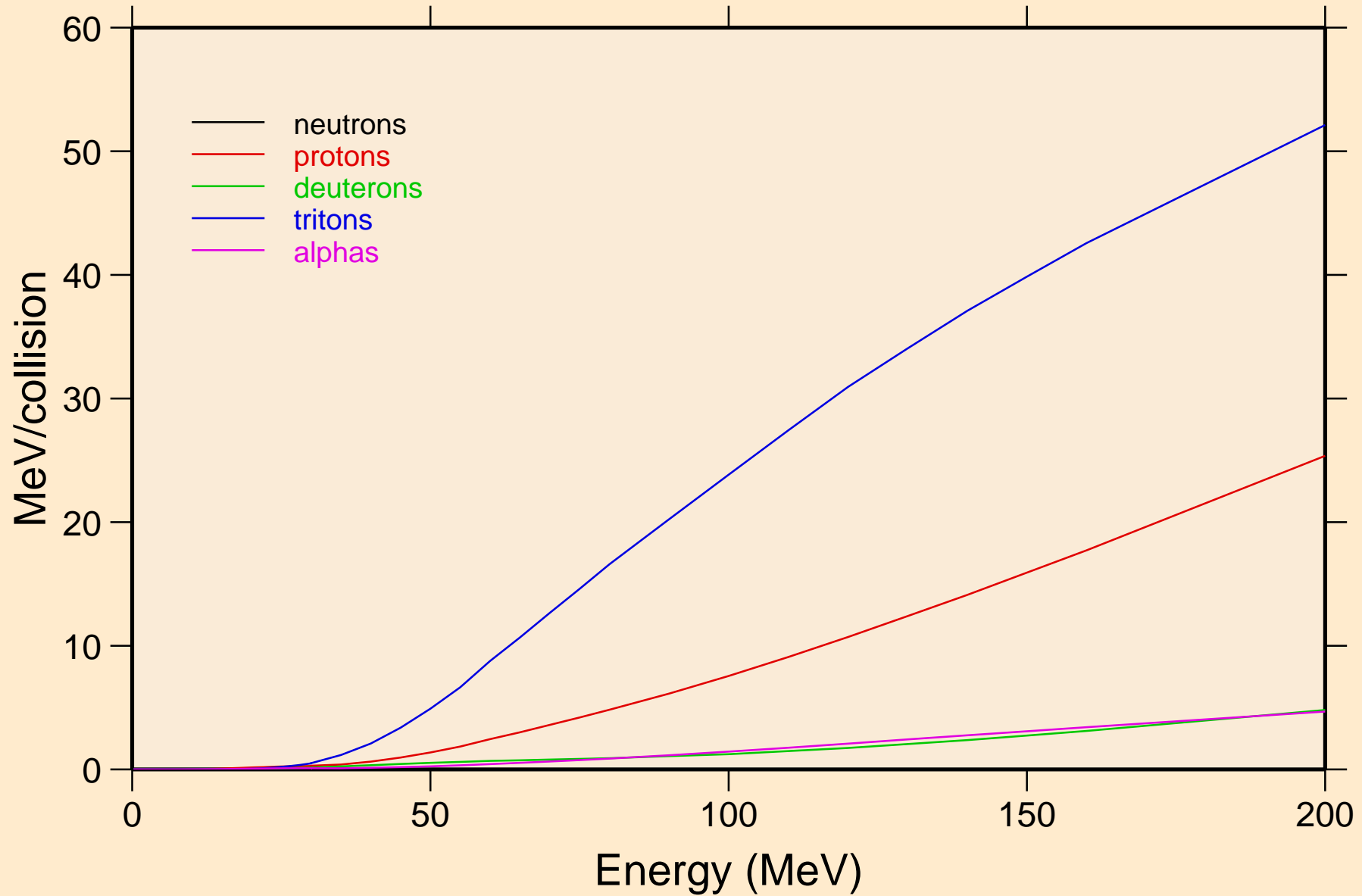
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Photon emission for (n,pt)



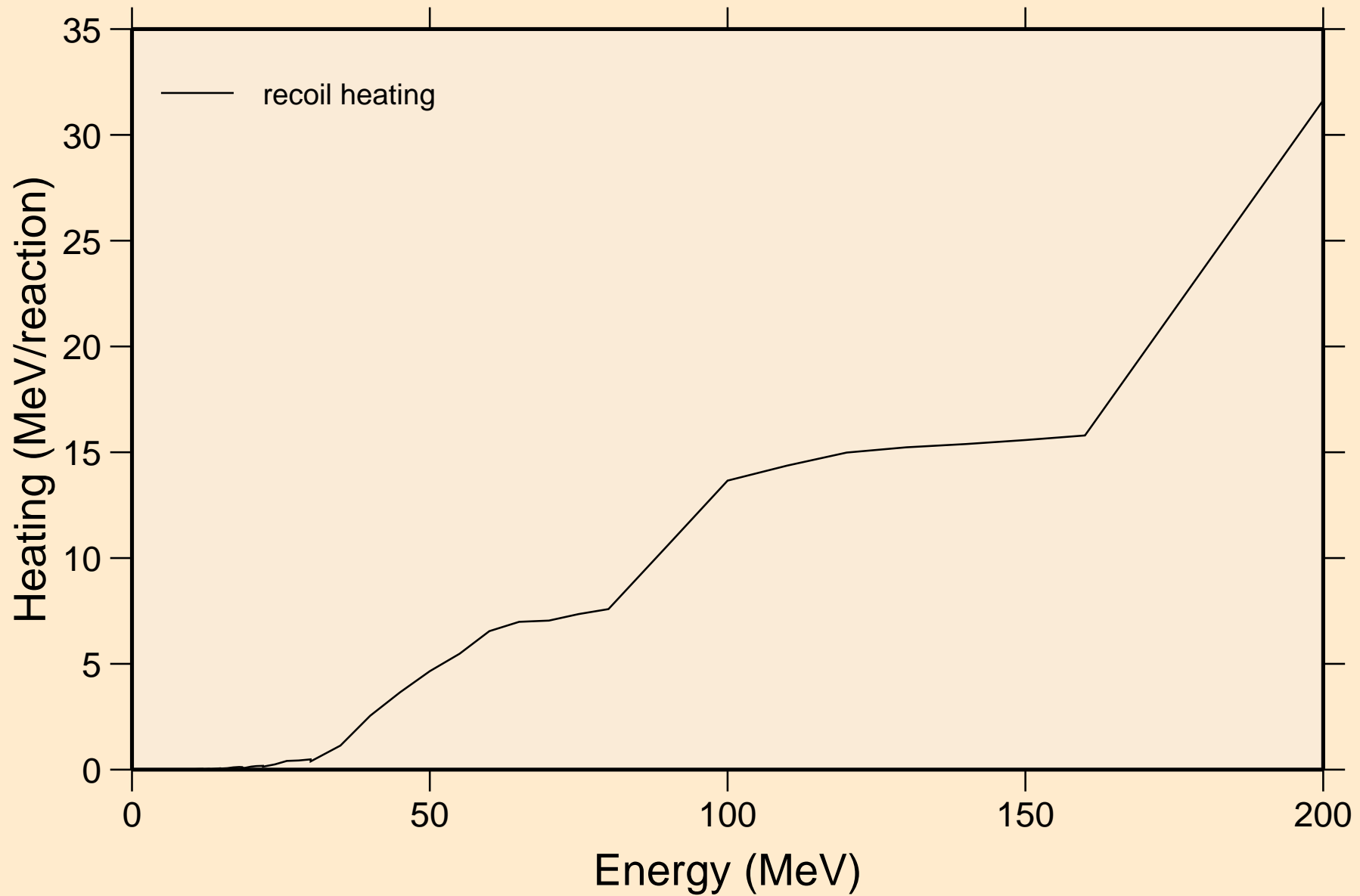
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



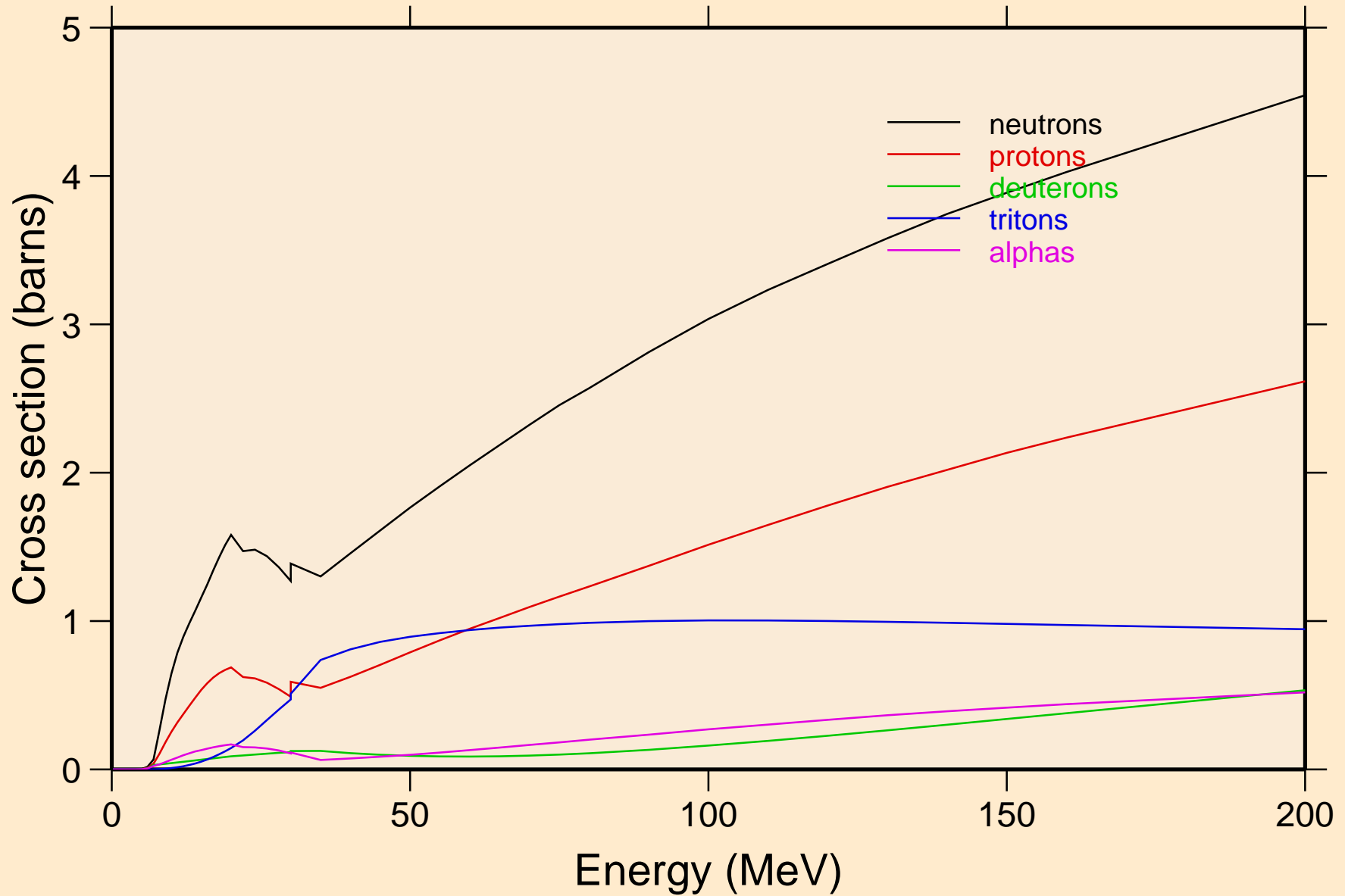
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



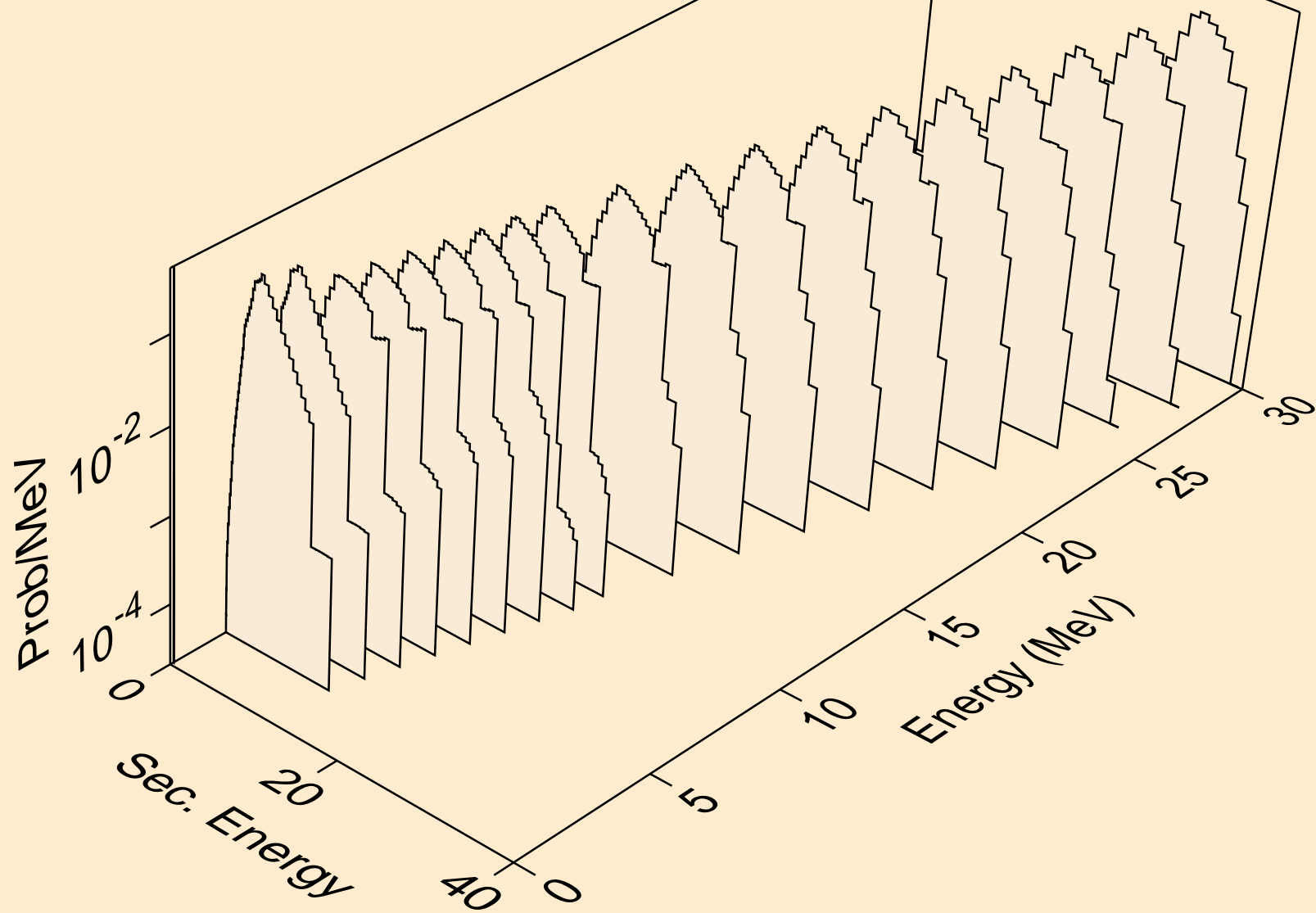
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

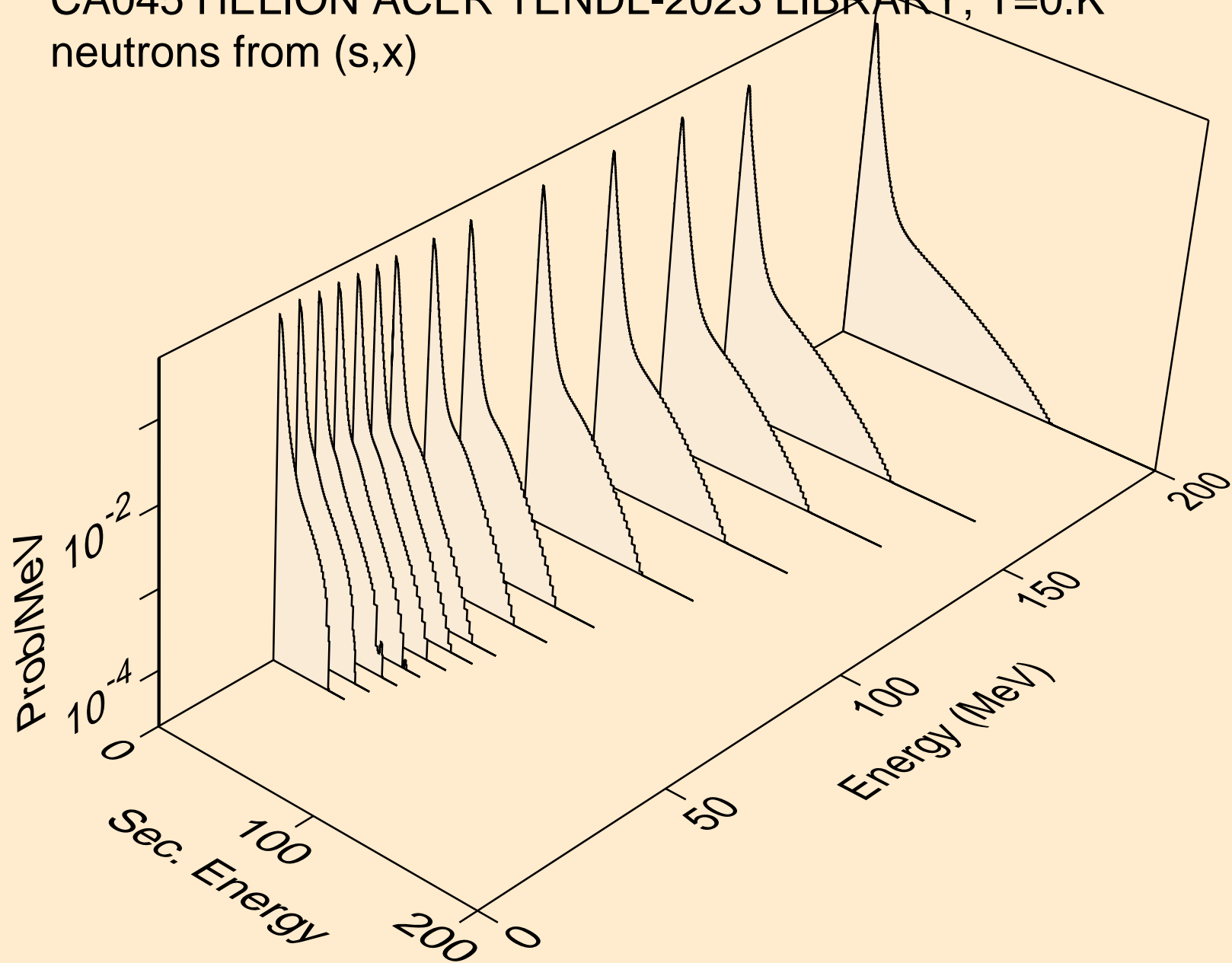


CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)

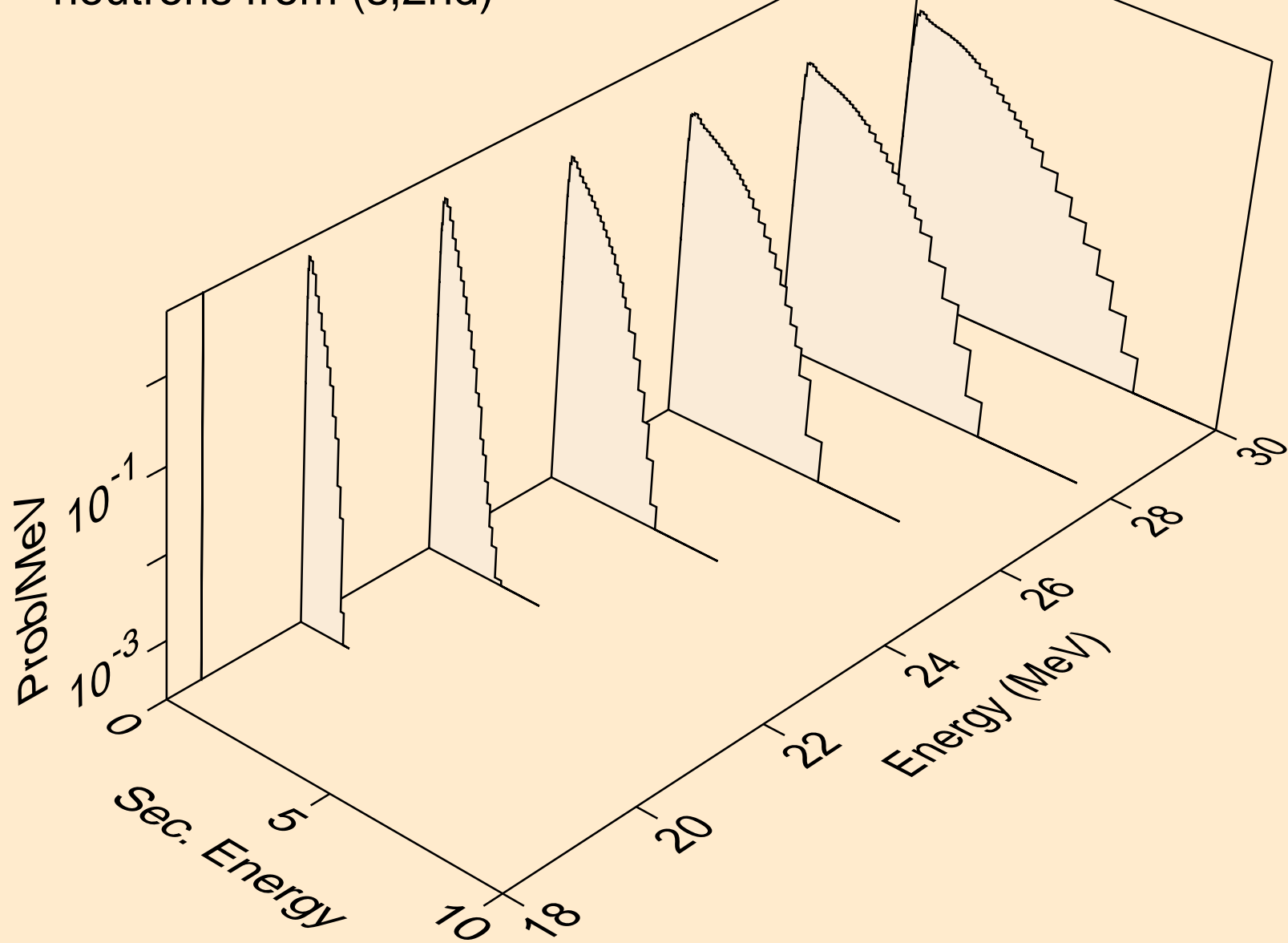




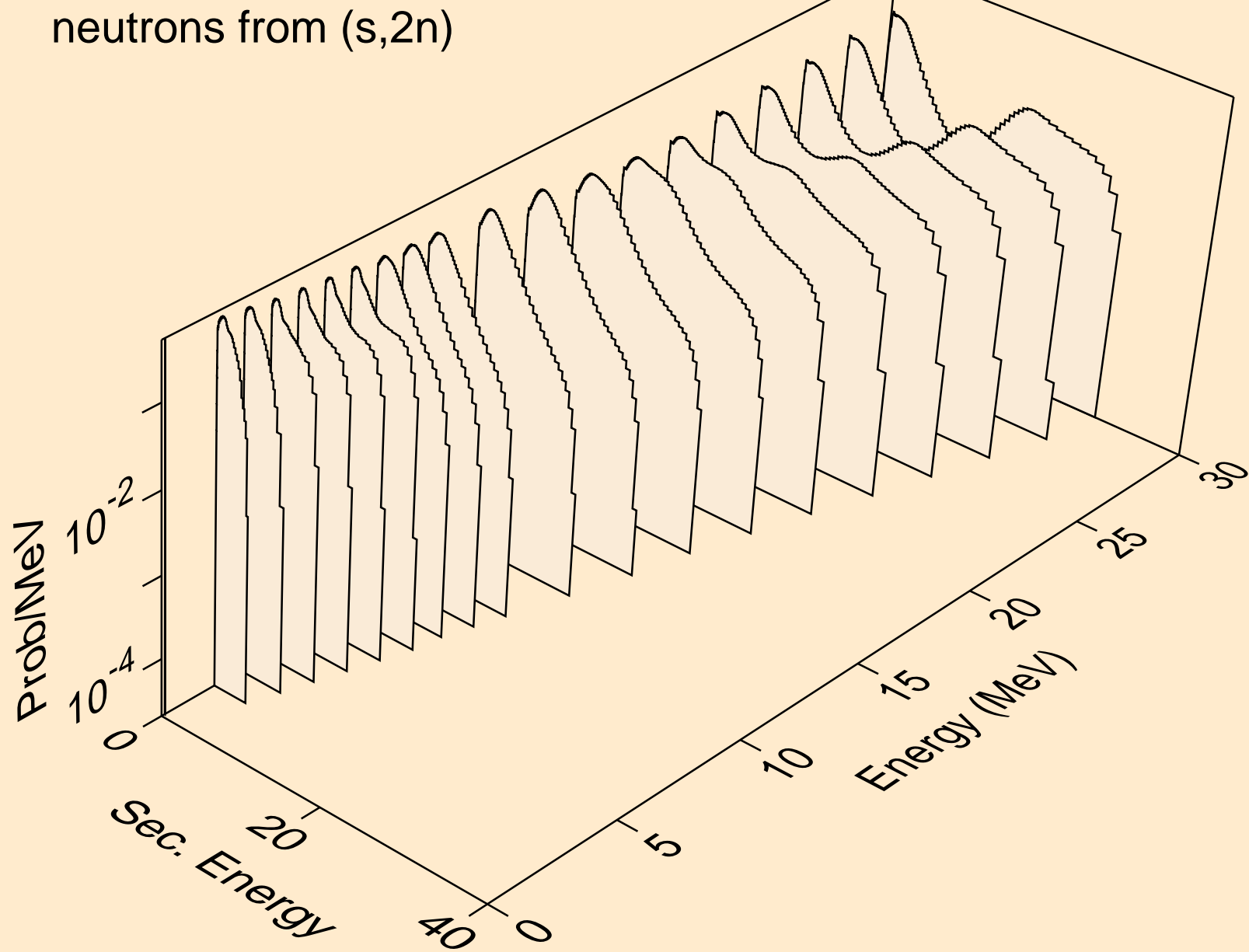
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



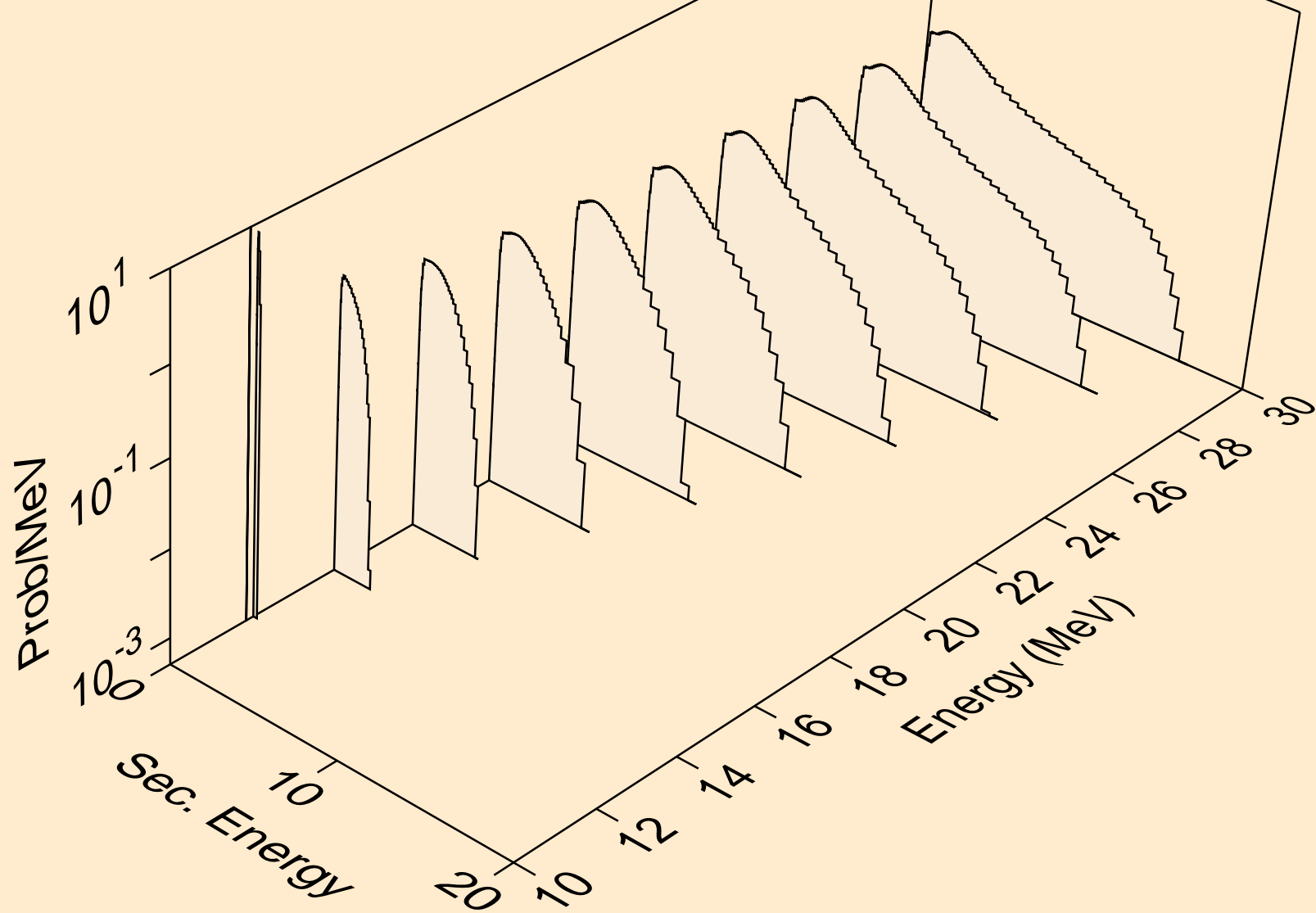
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neutrons from (s,2nd)



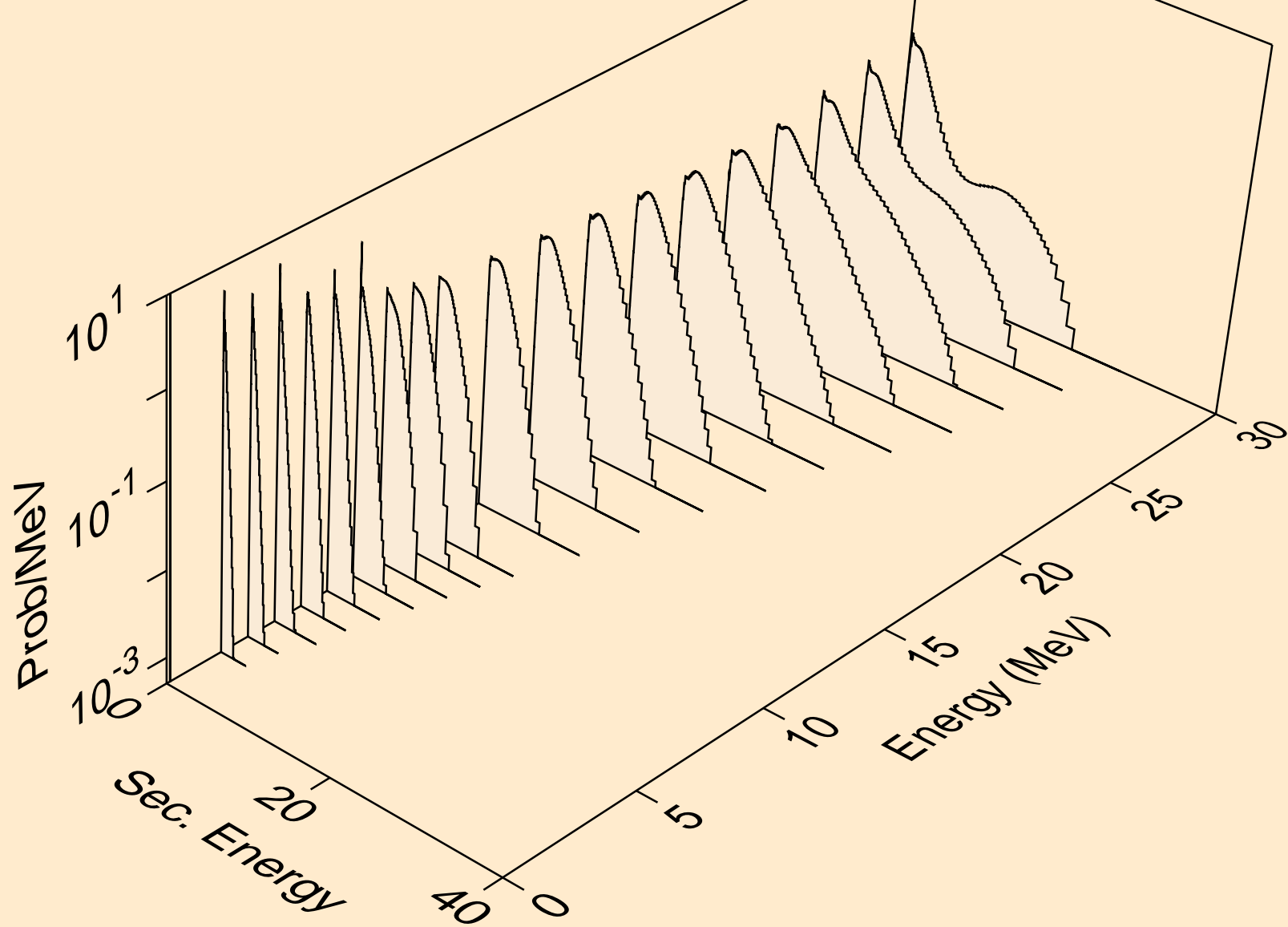
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



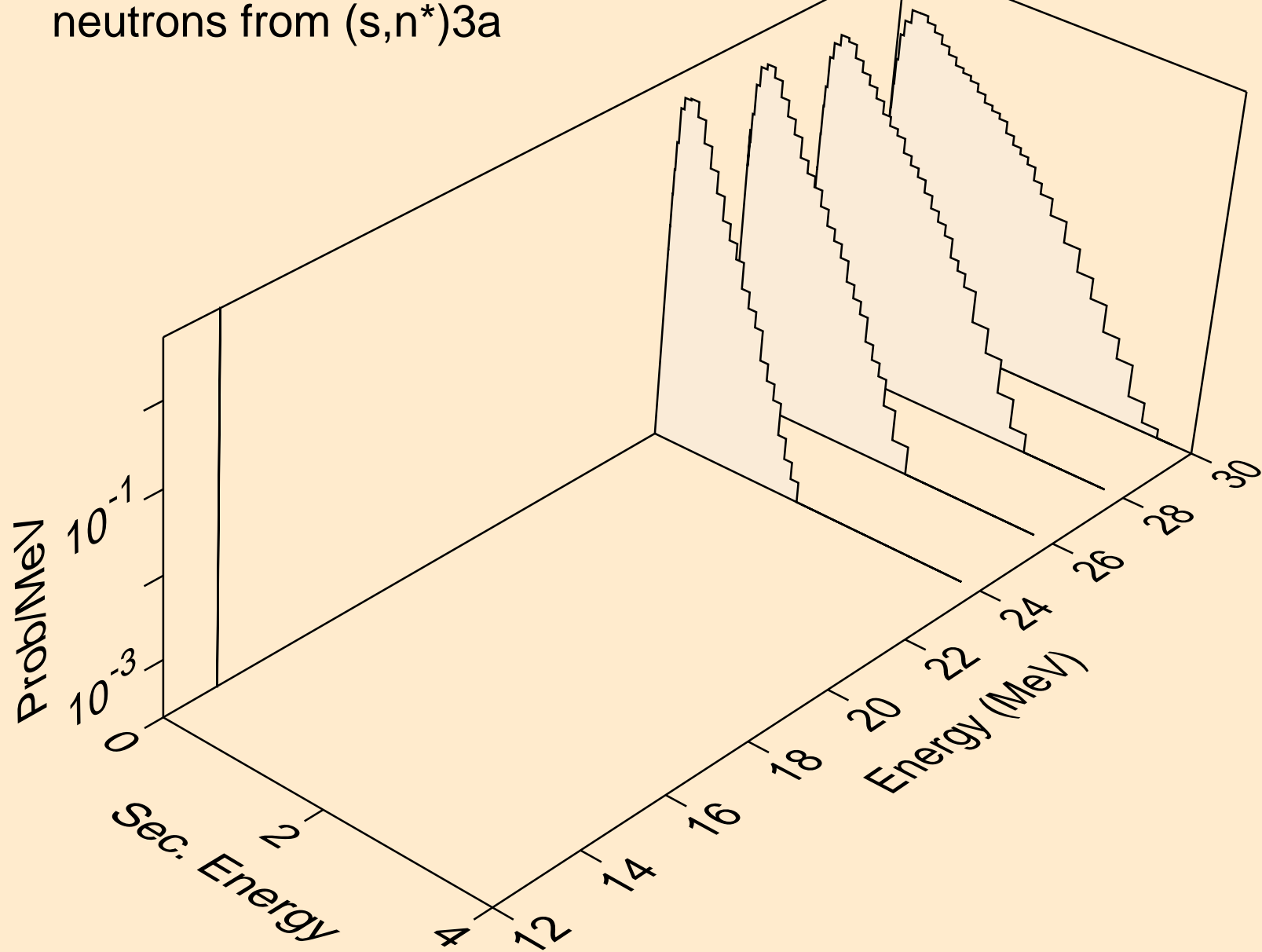
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neutrons from (s,3n)



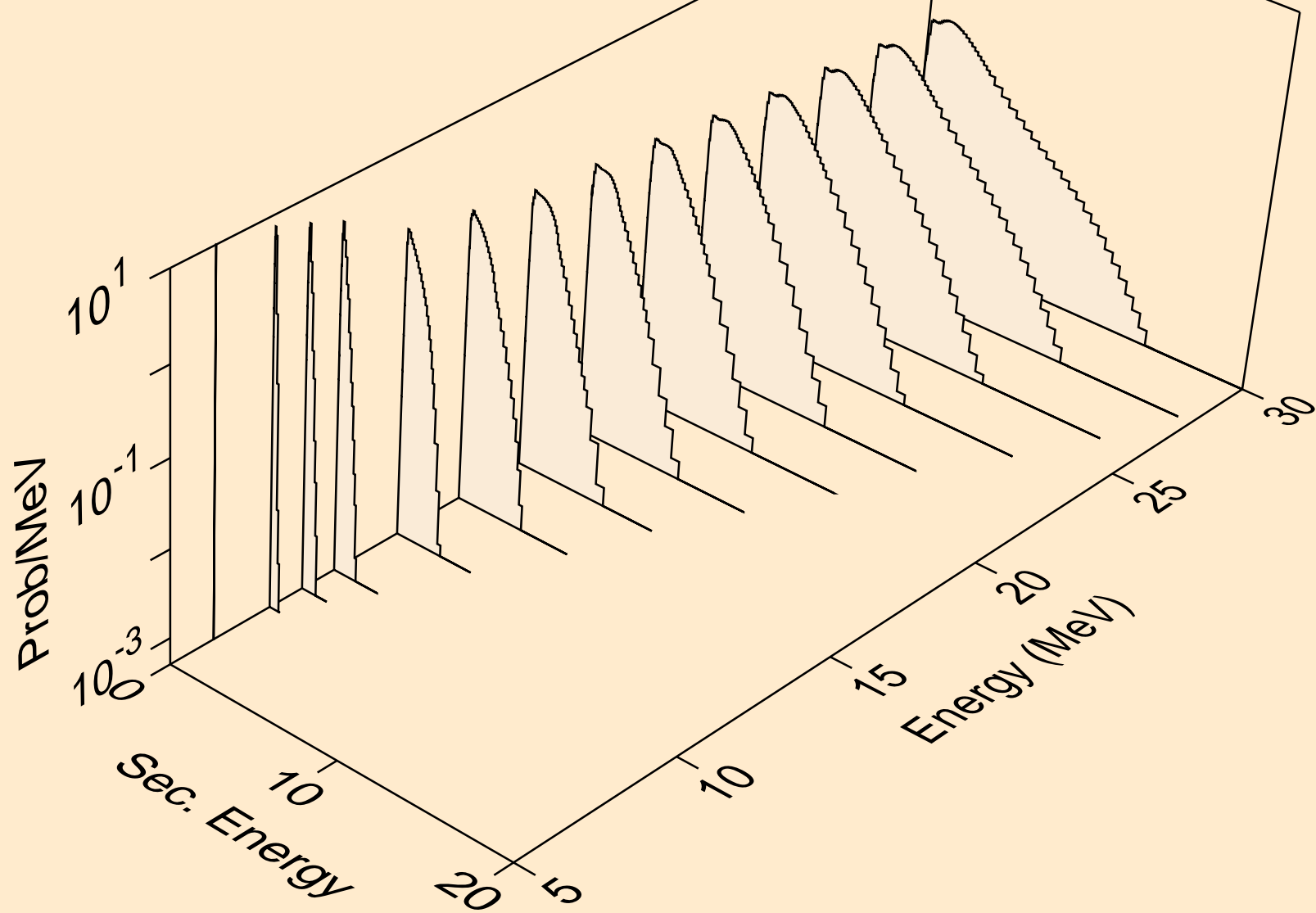
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neutrons from (s,n\*)a



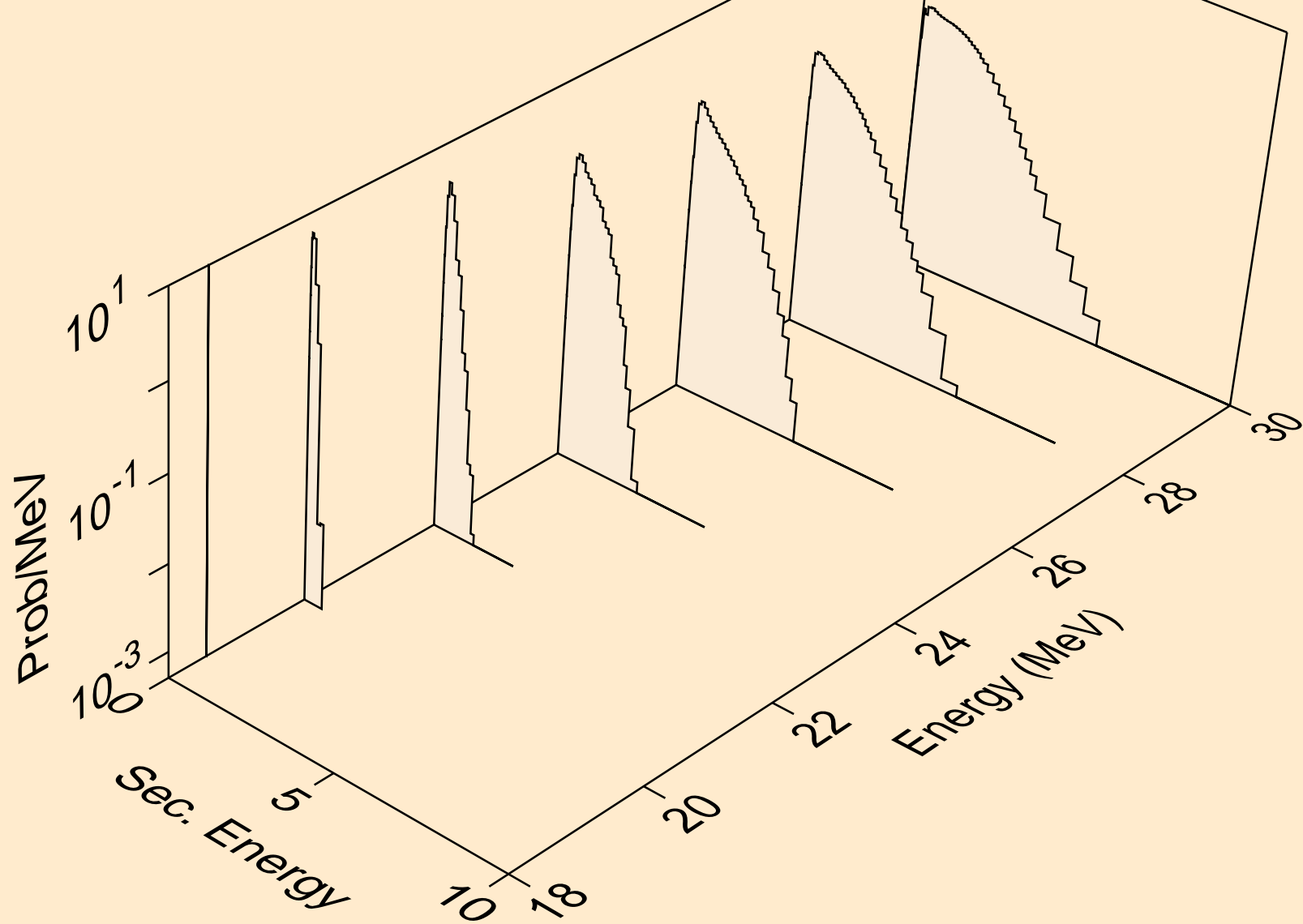
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)3a



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a

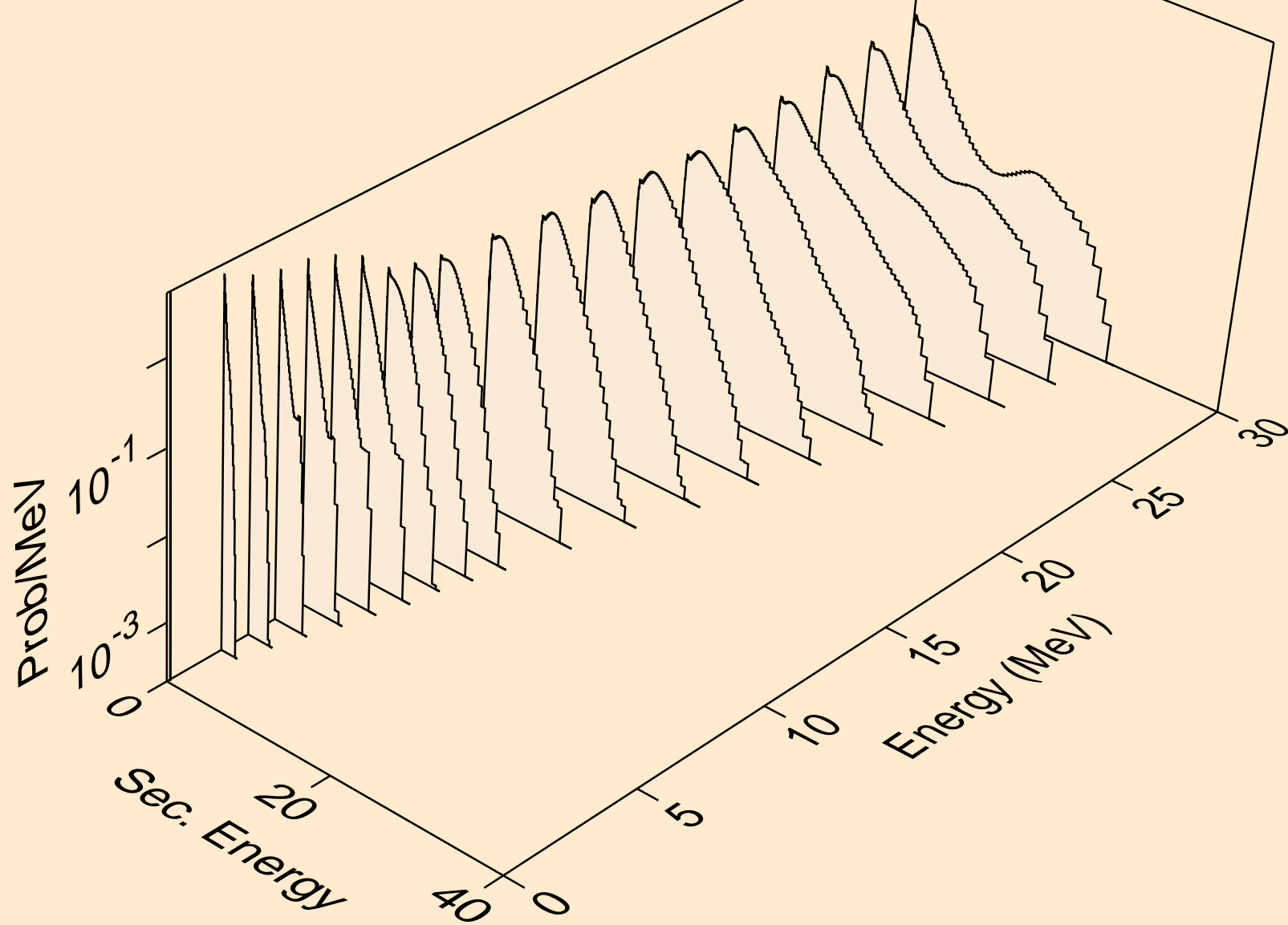


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neutrons from (s,3n)a

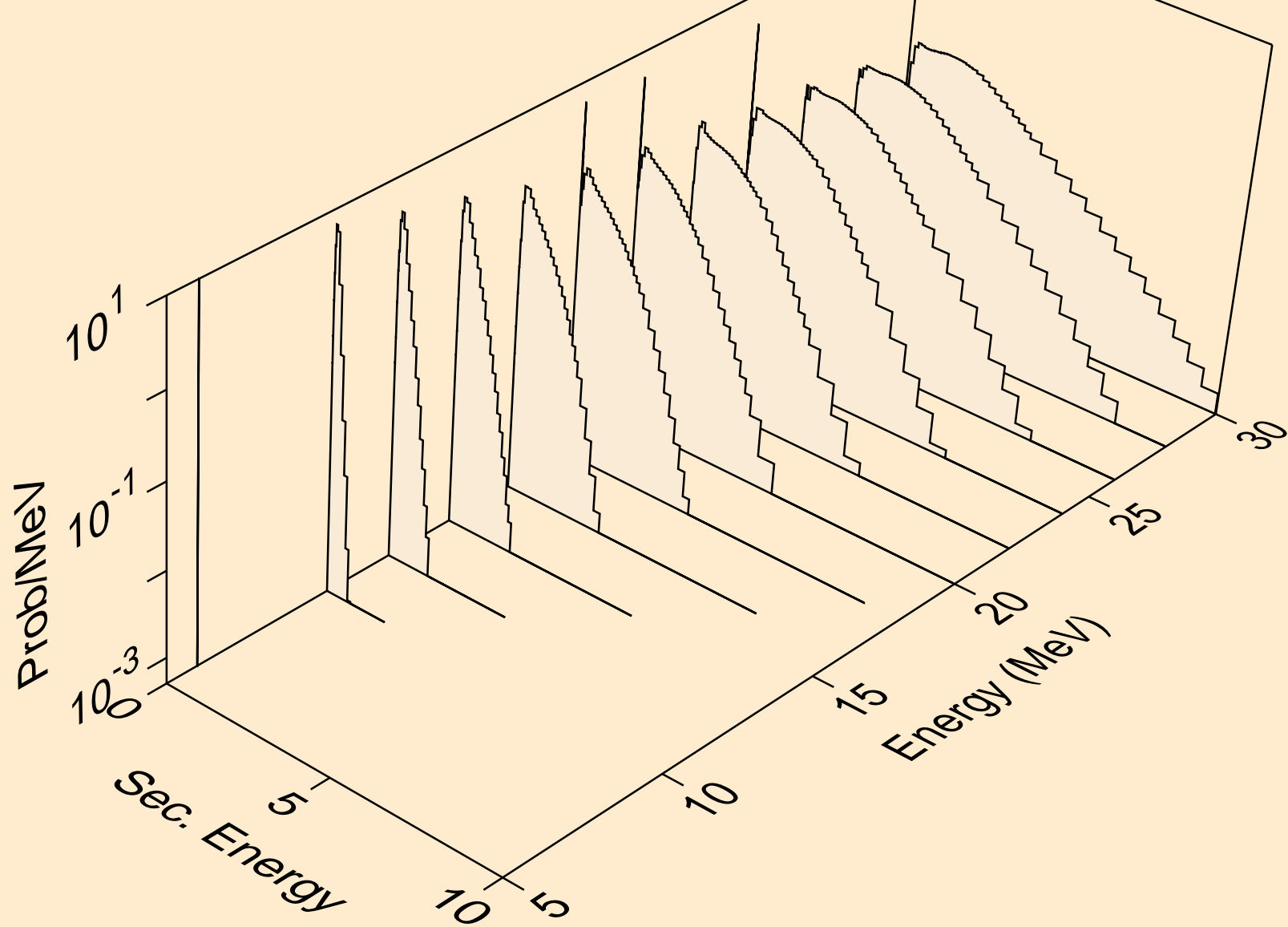




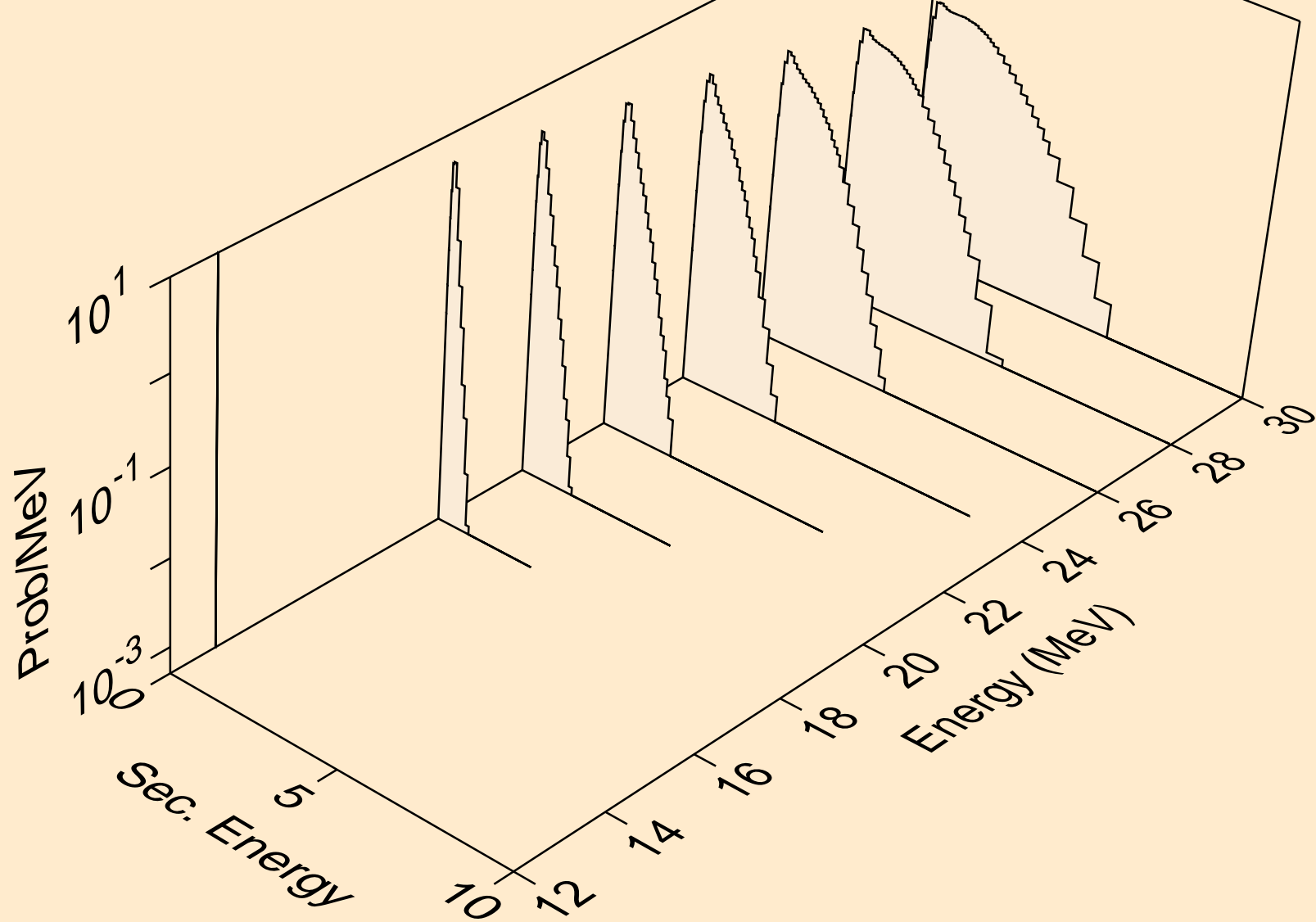
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neutrons from (s,n\*)p



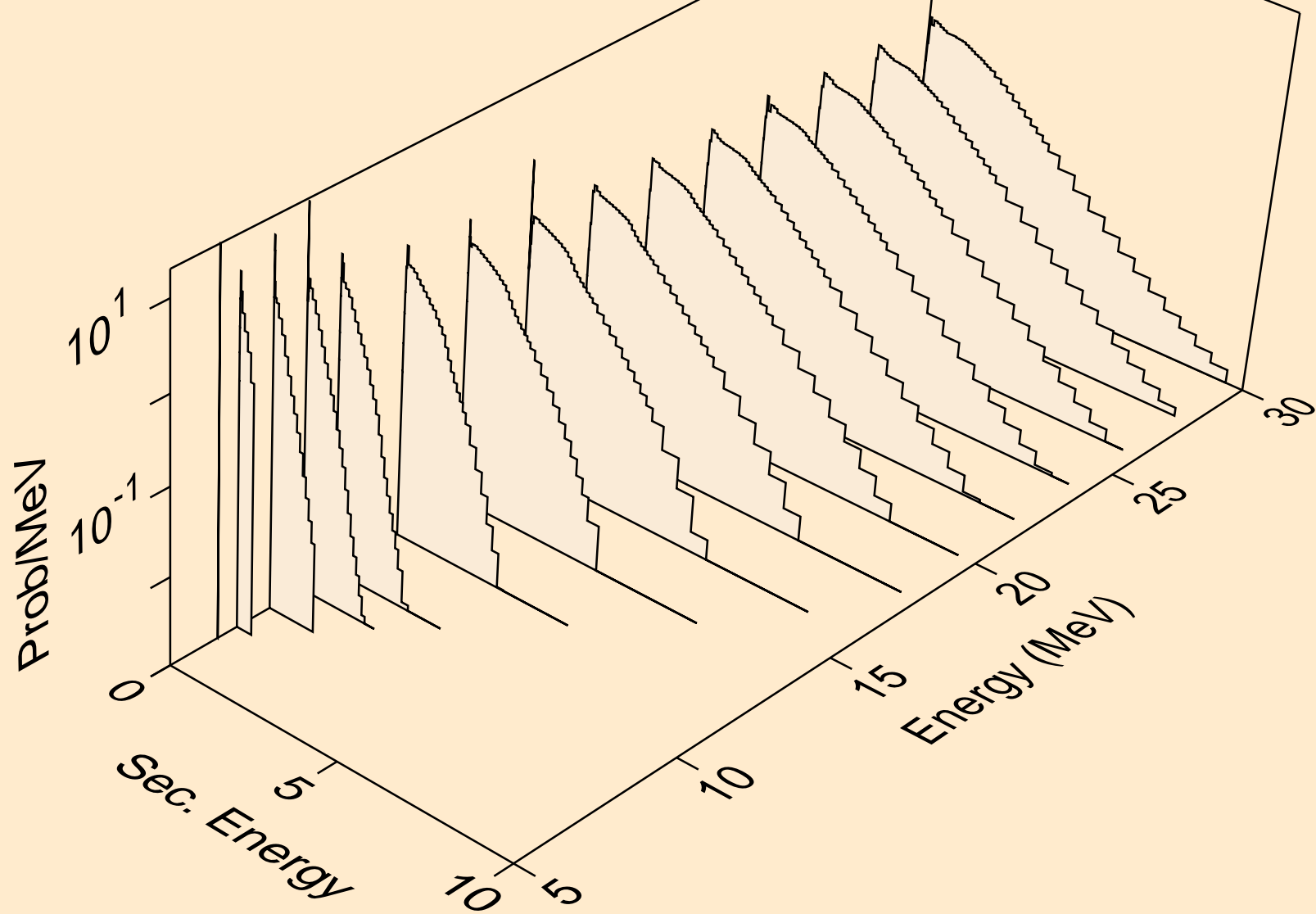
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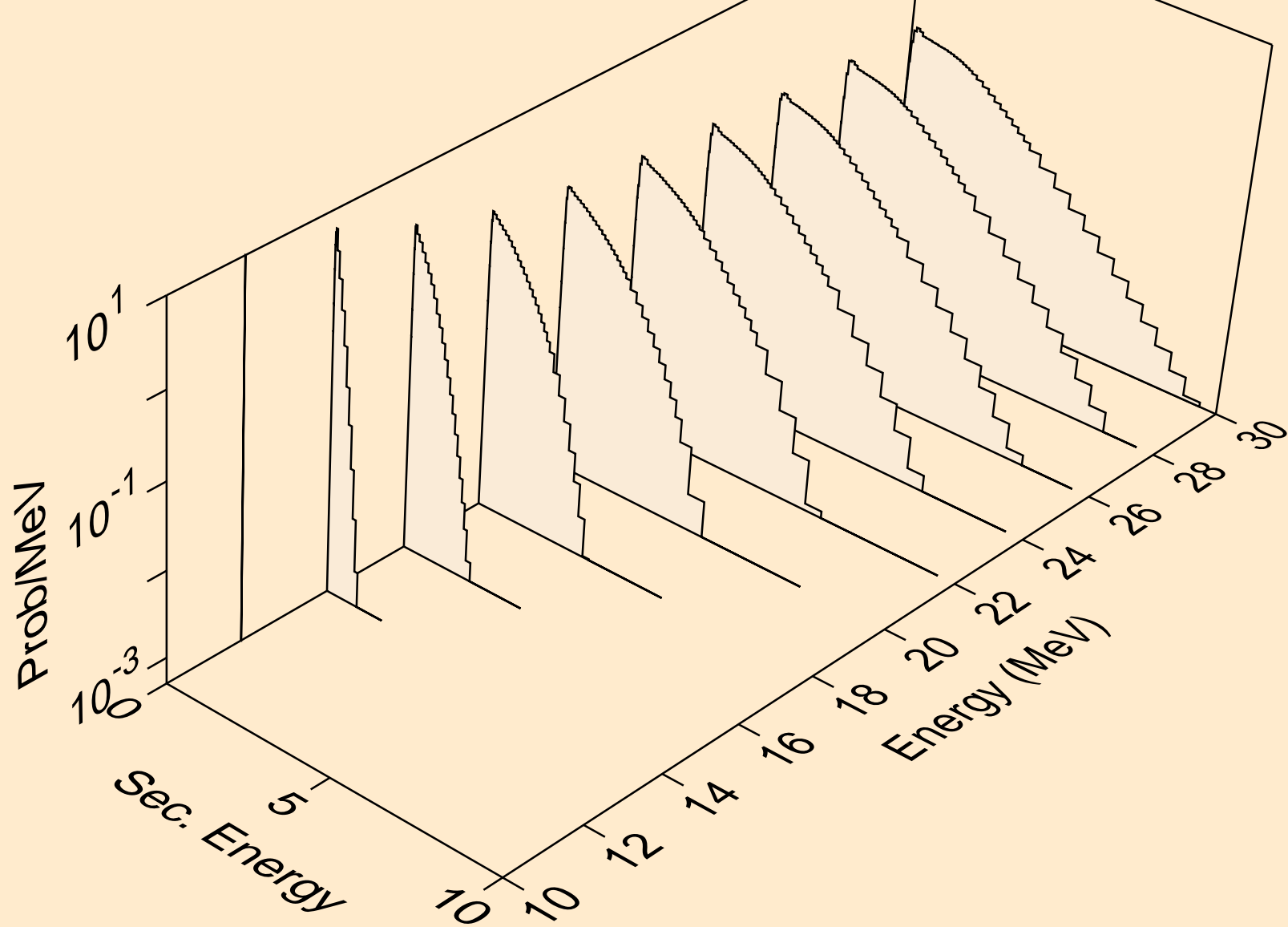
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)2a



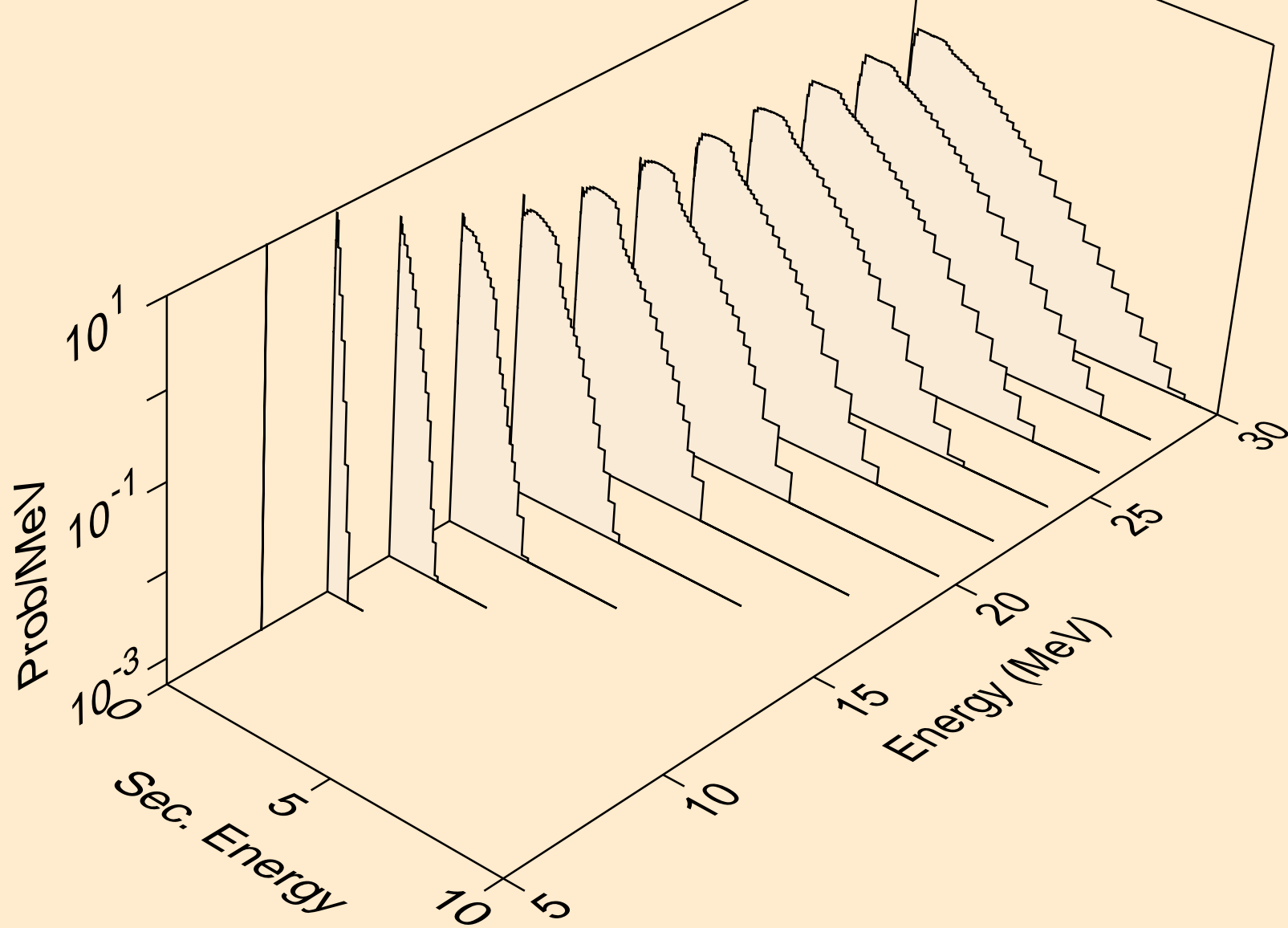
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neutrons from (s,n\*)d



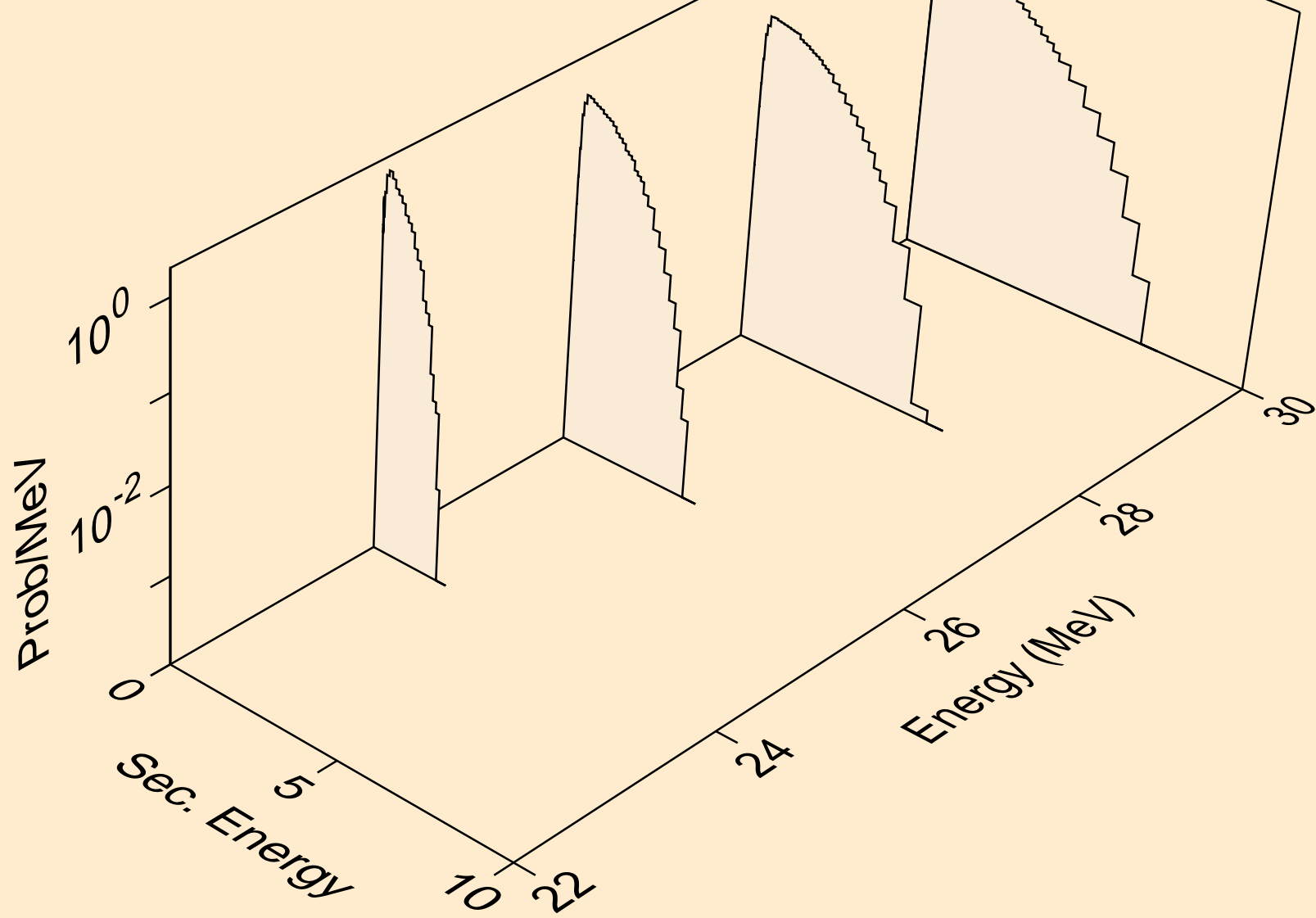
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neutrons from (s,n\*)t



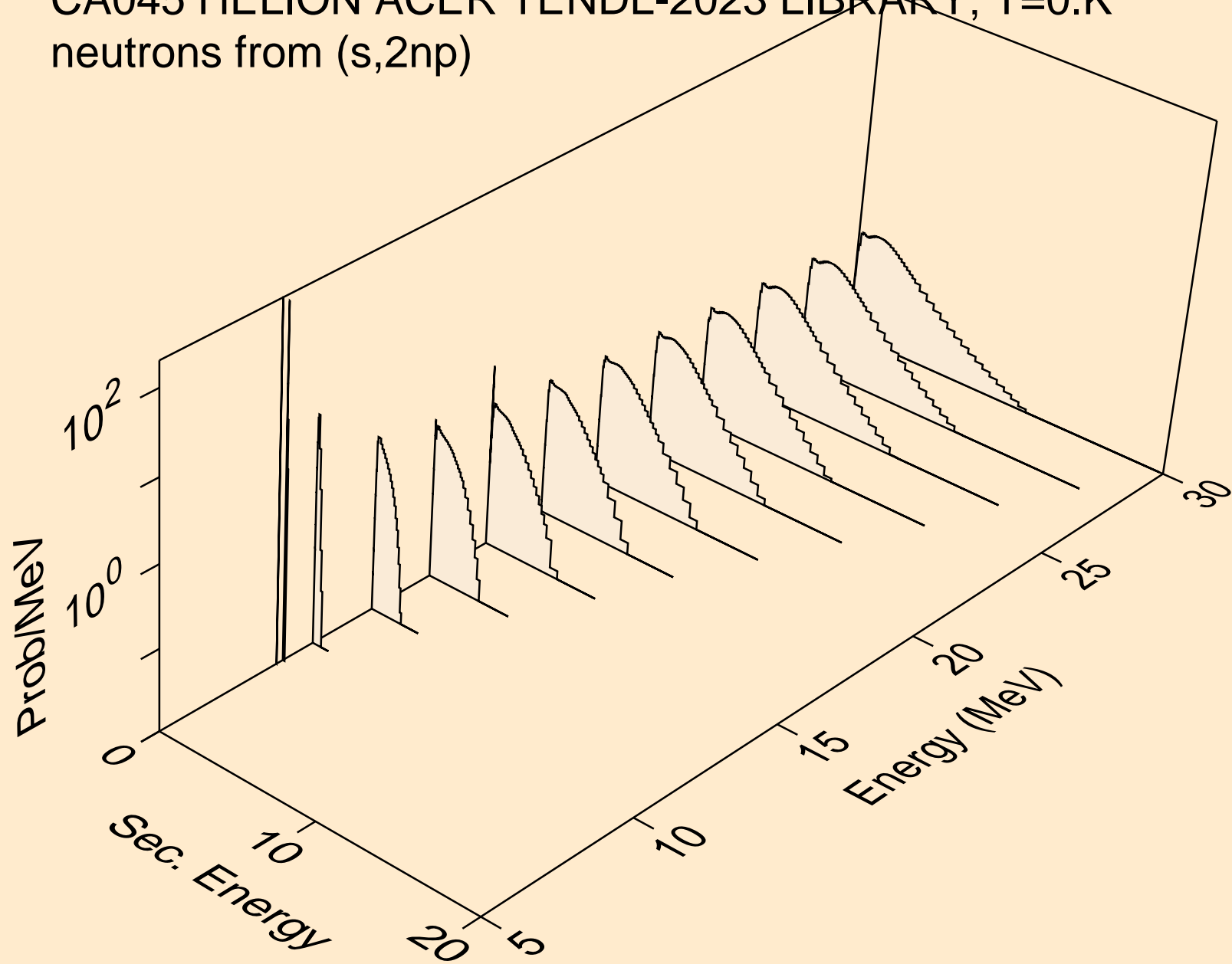
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neutrons from (s,n\*)he3



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)

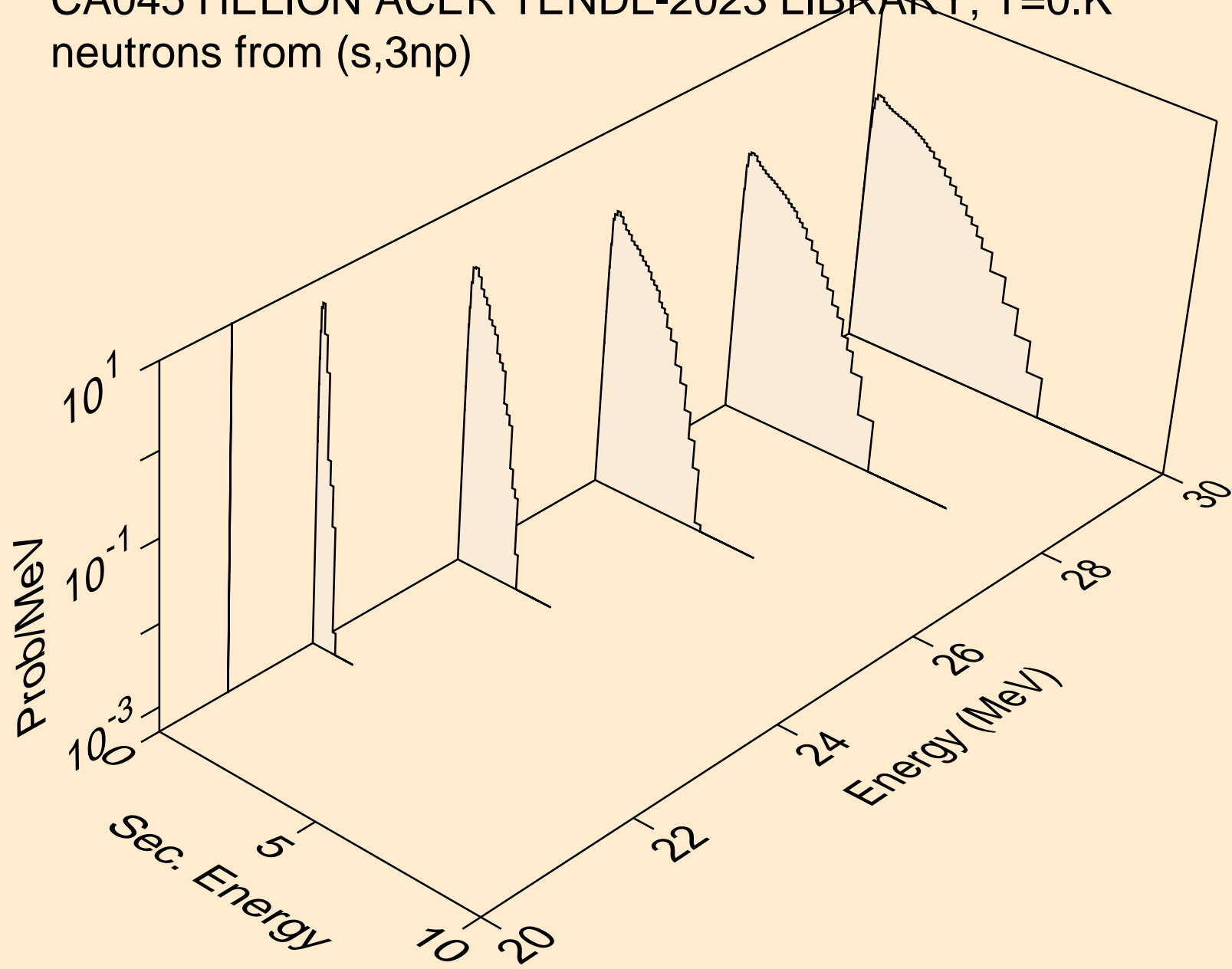


CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

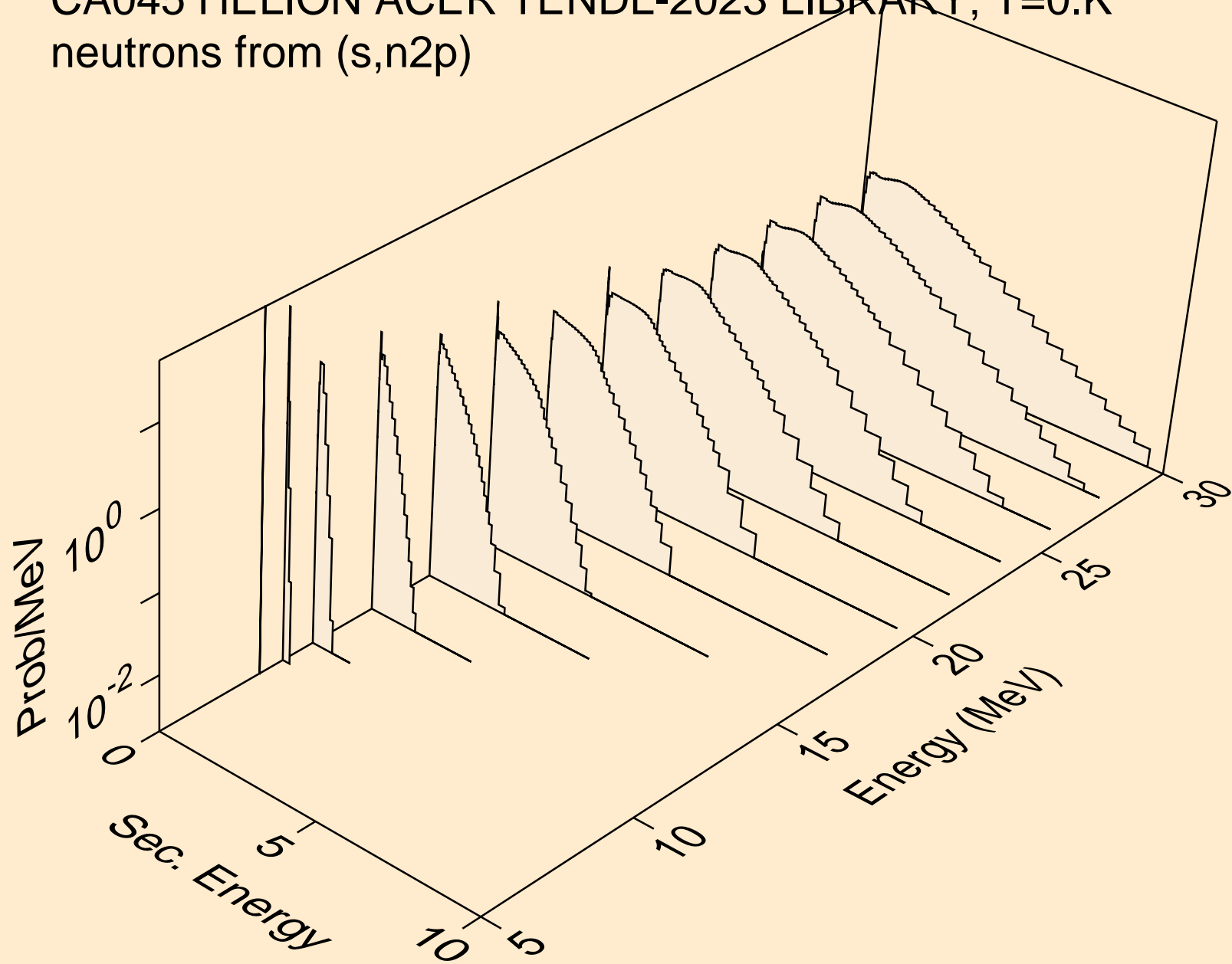




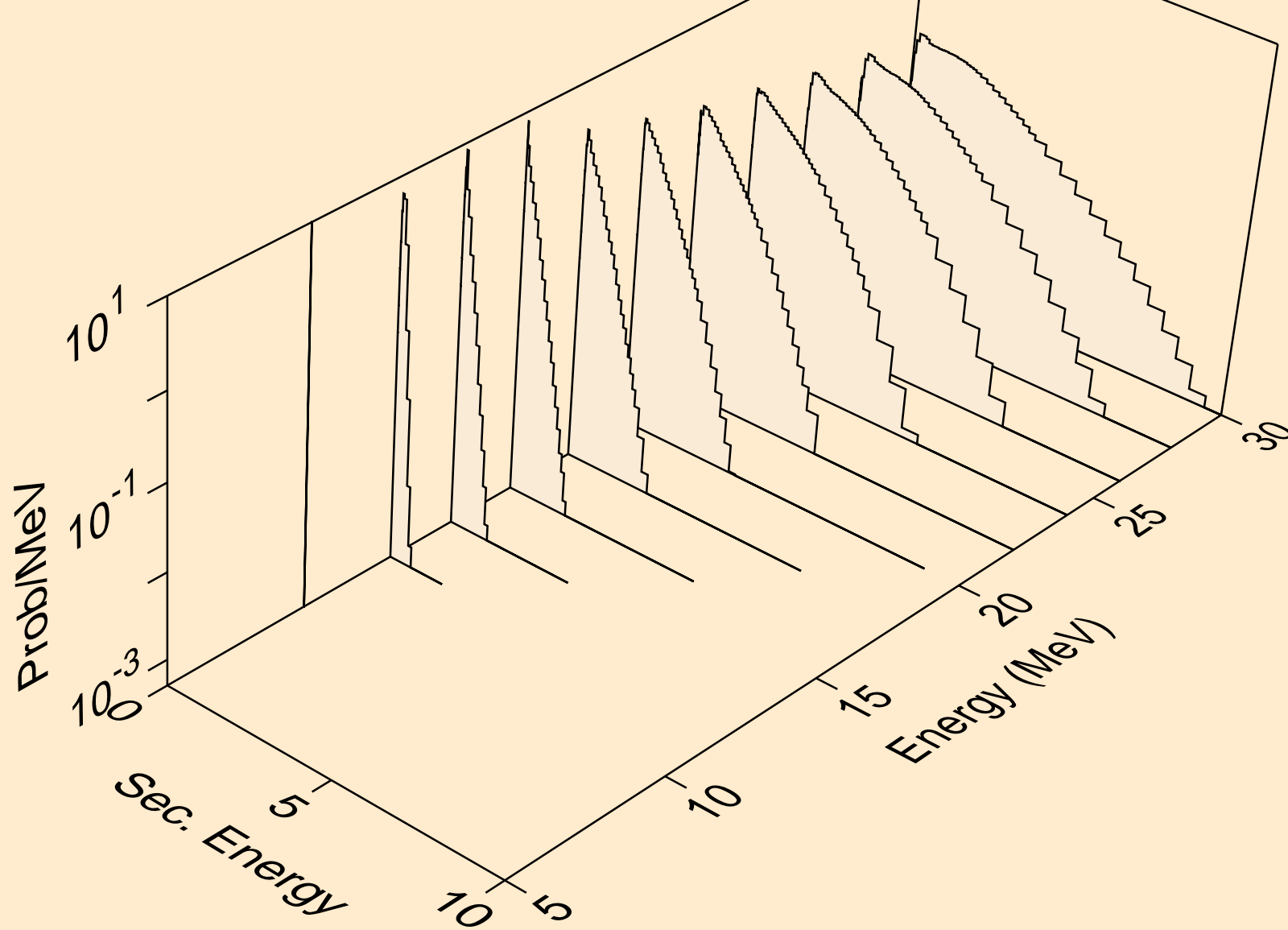
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neutrons from (s,3np)



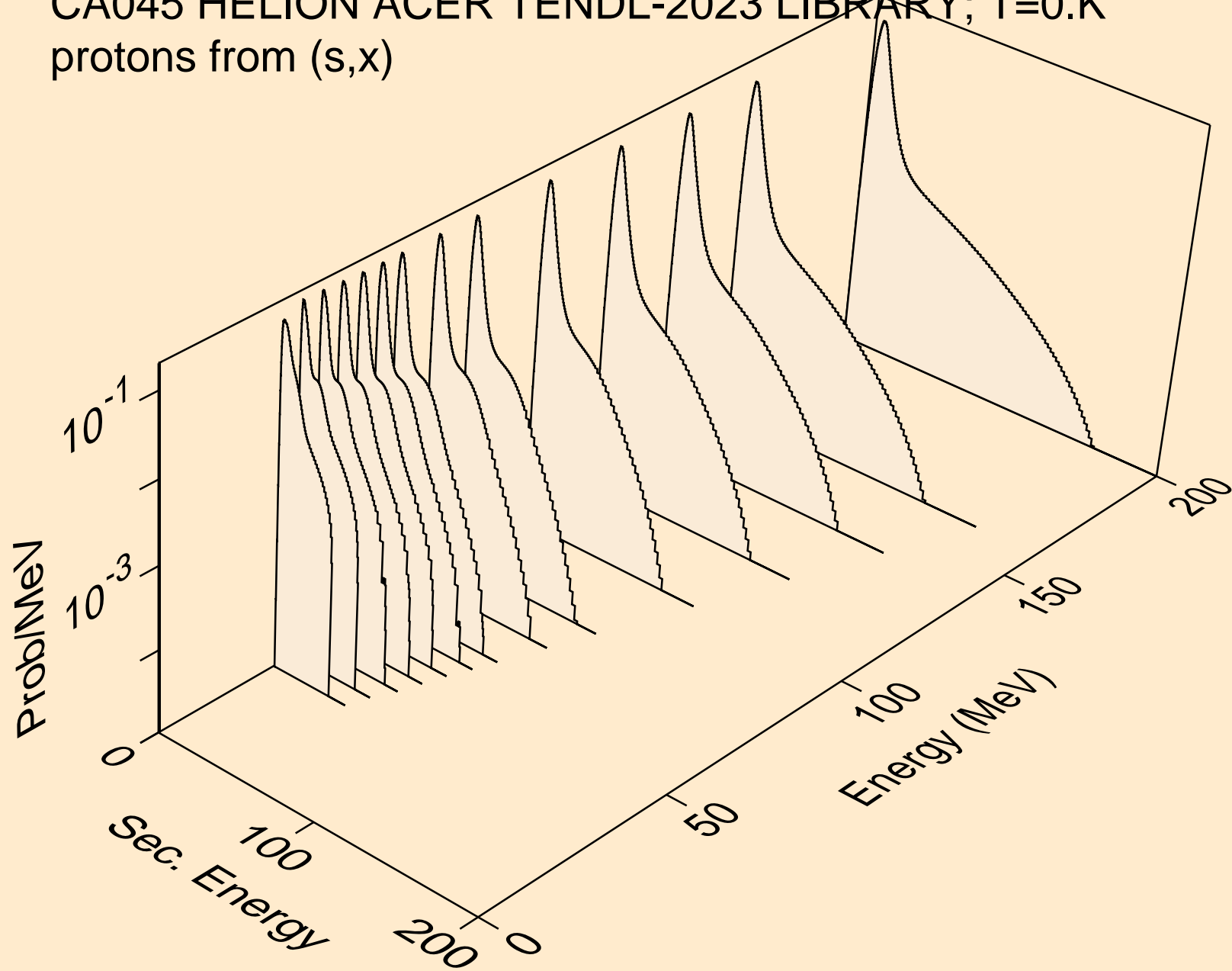
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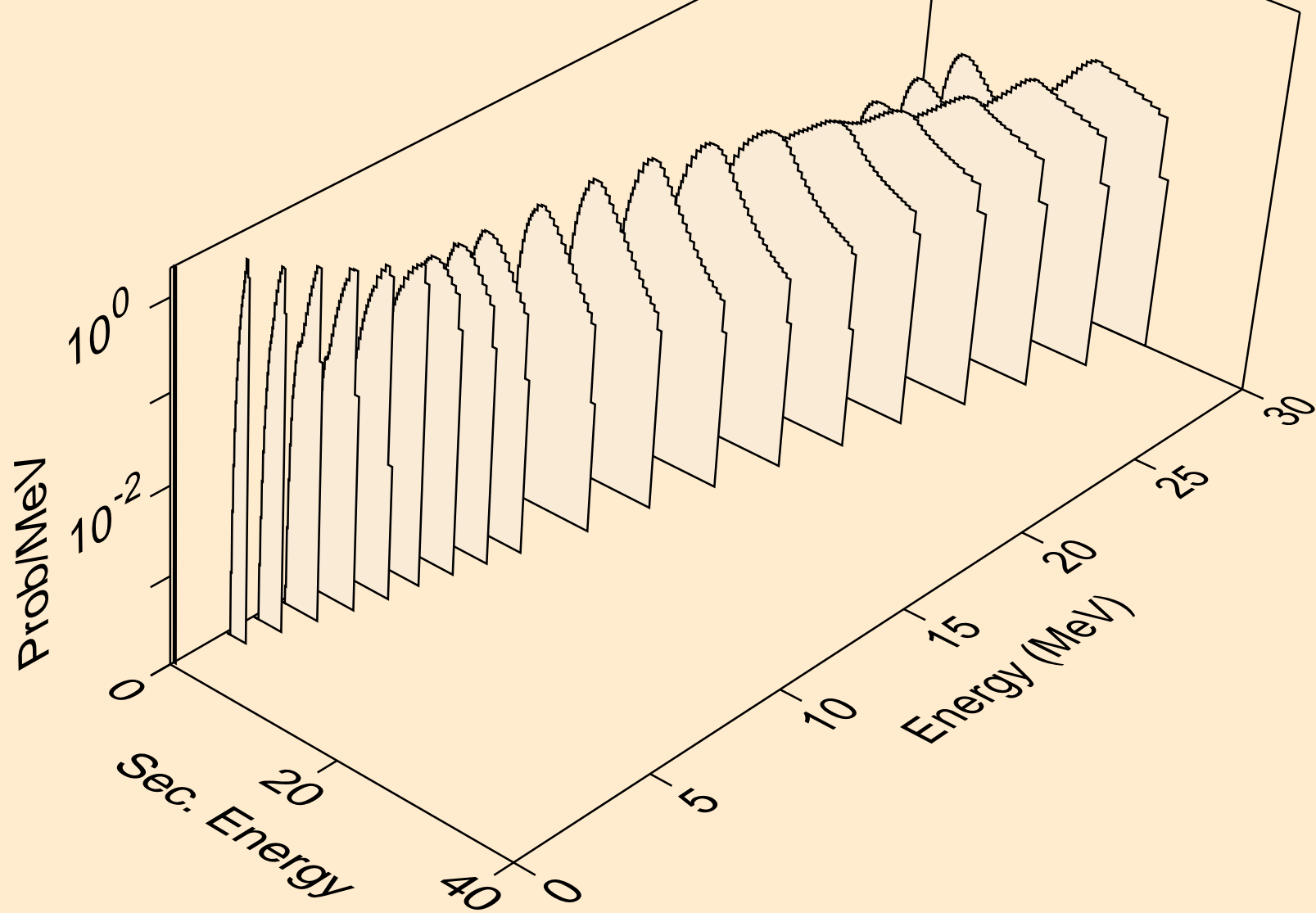
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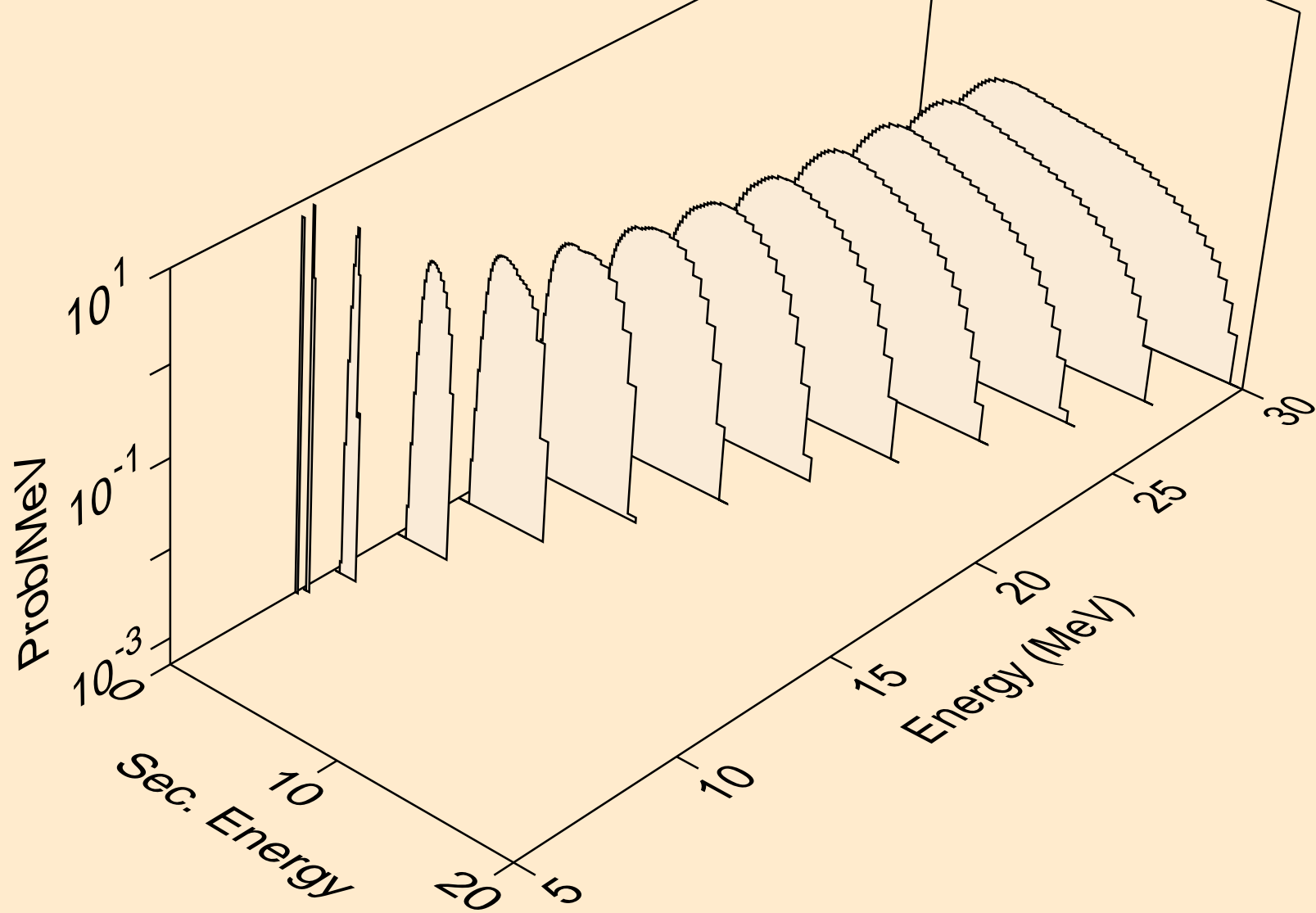
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protons from (s,x)



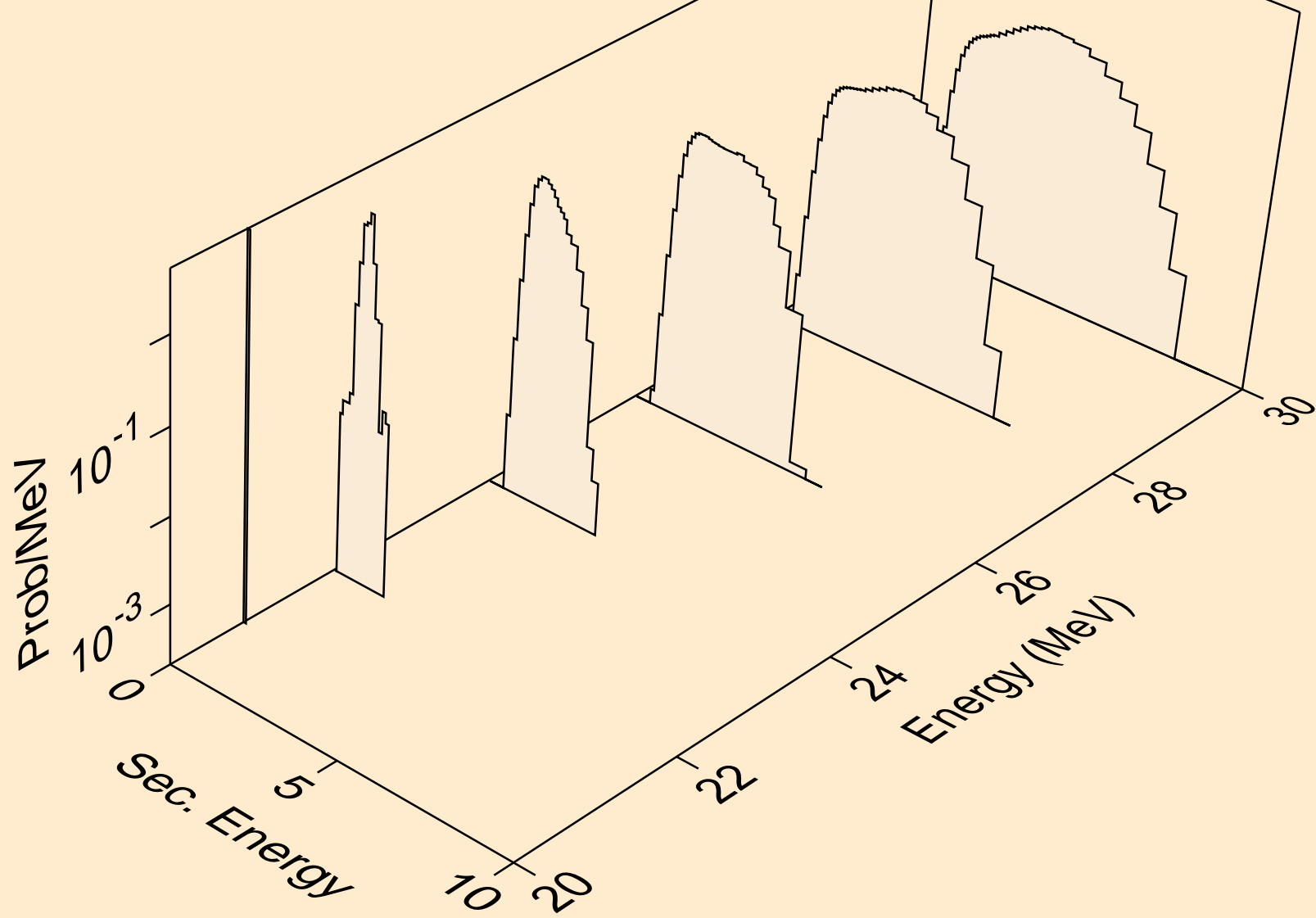
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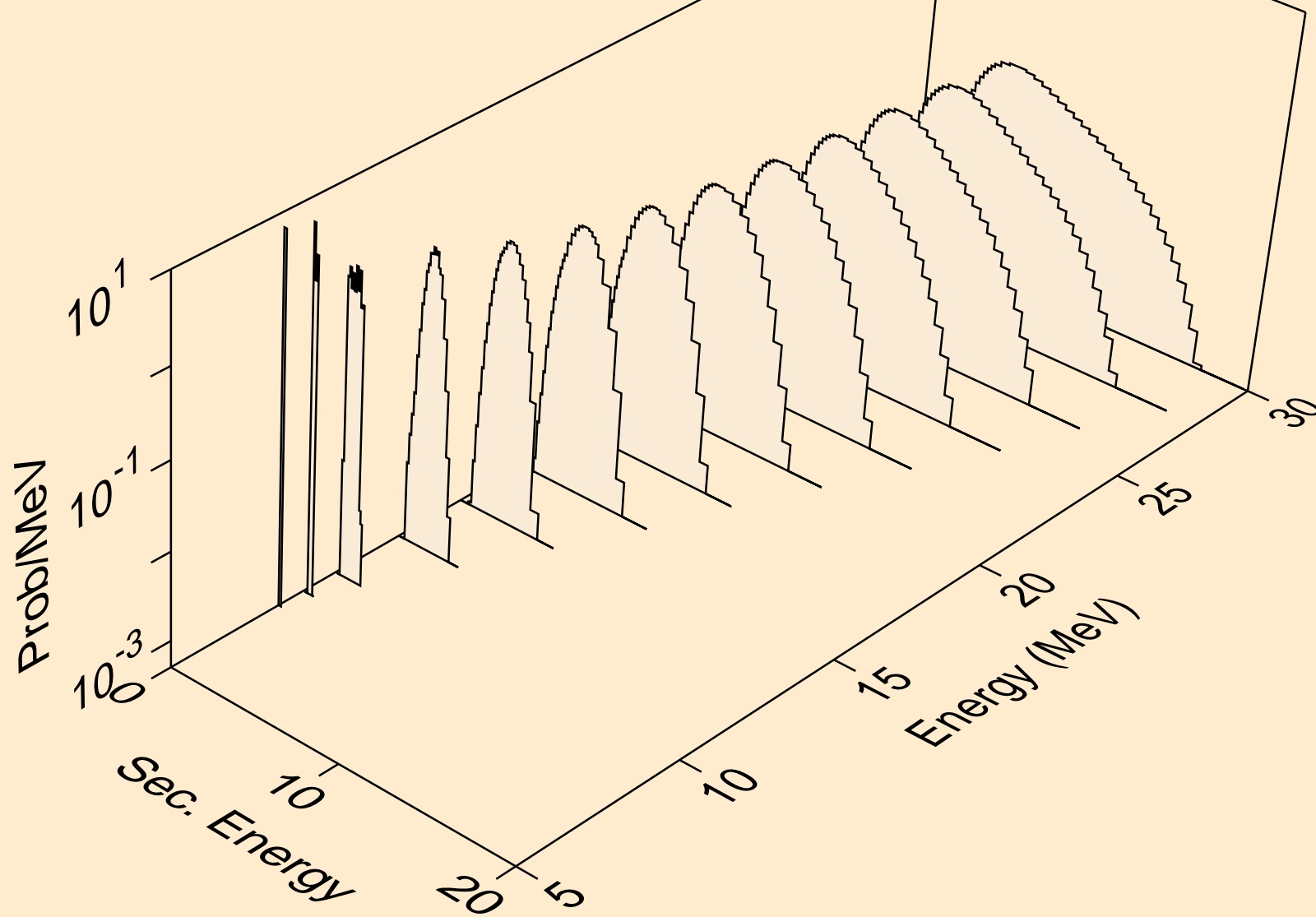
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protons from (s,2np)



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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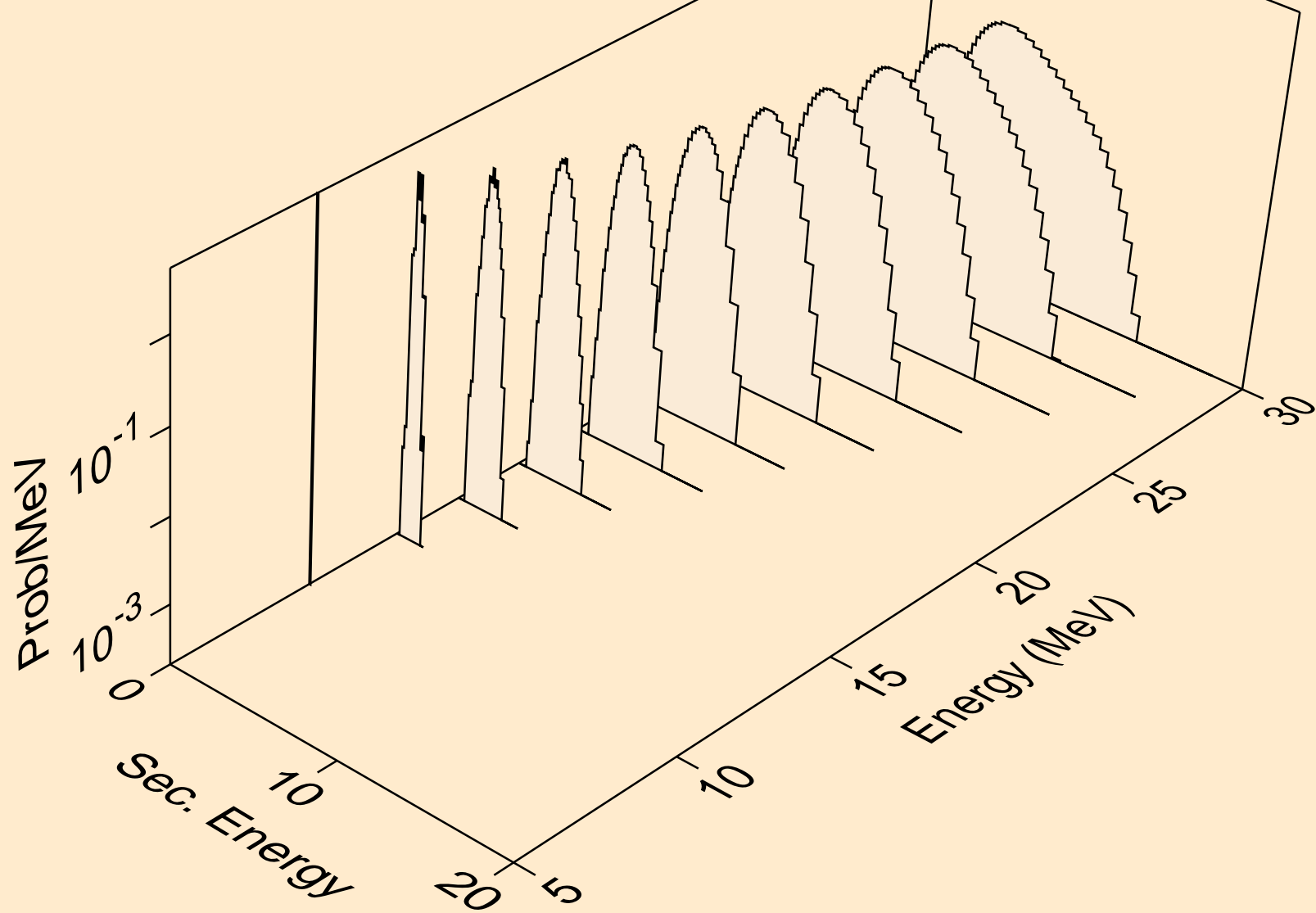


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protons from (s,n2p)

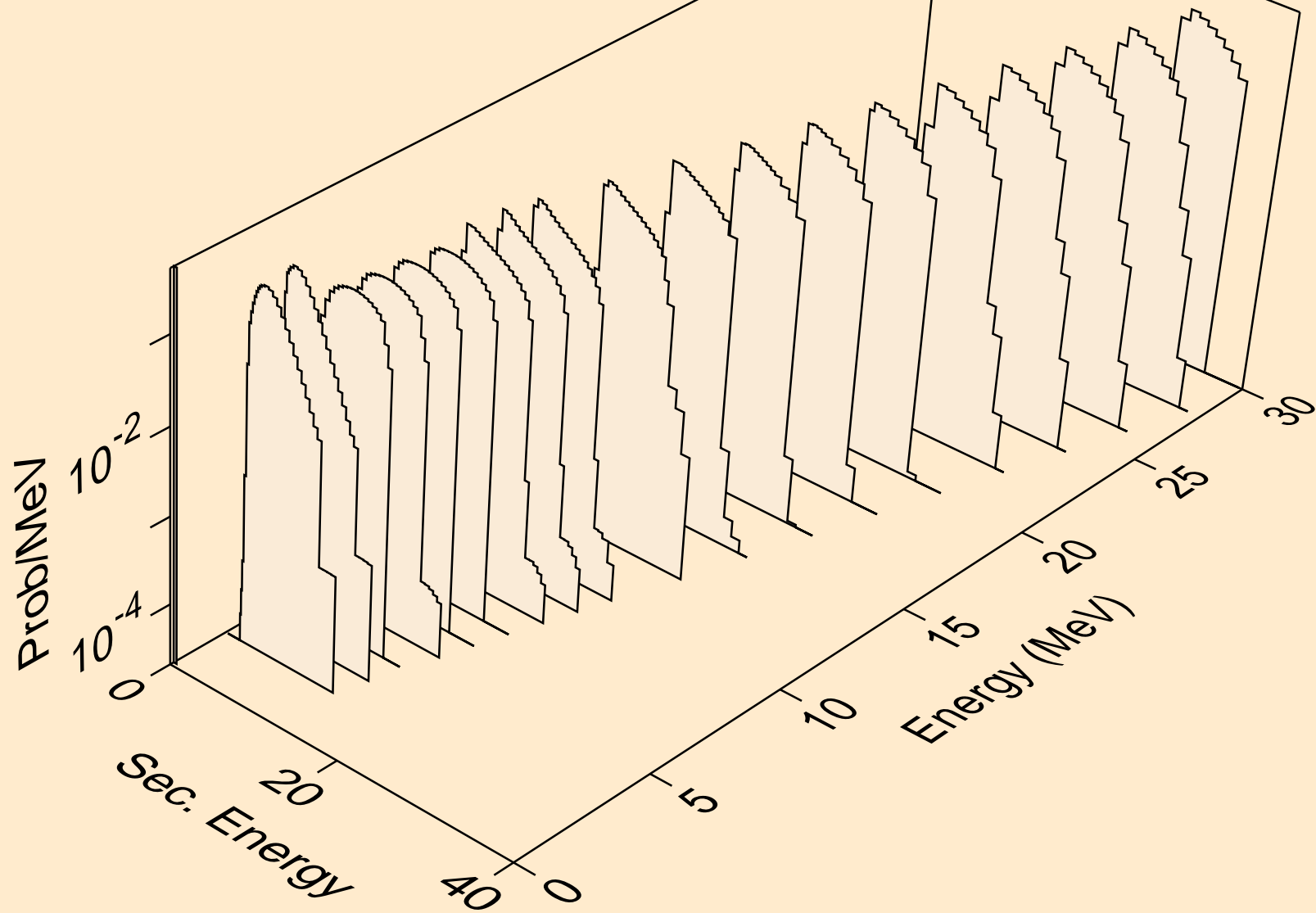




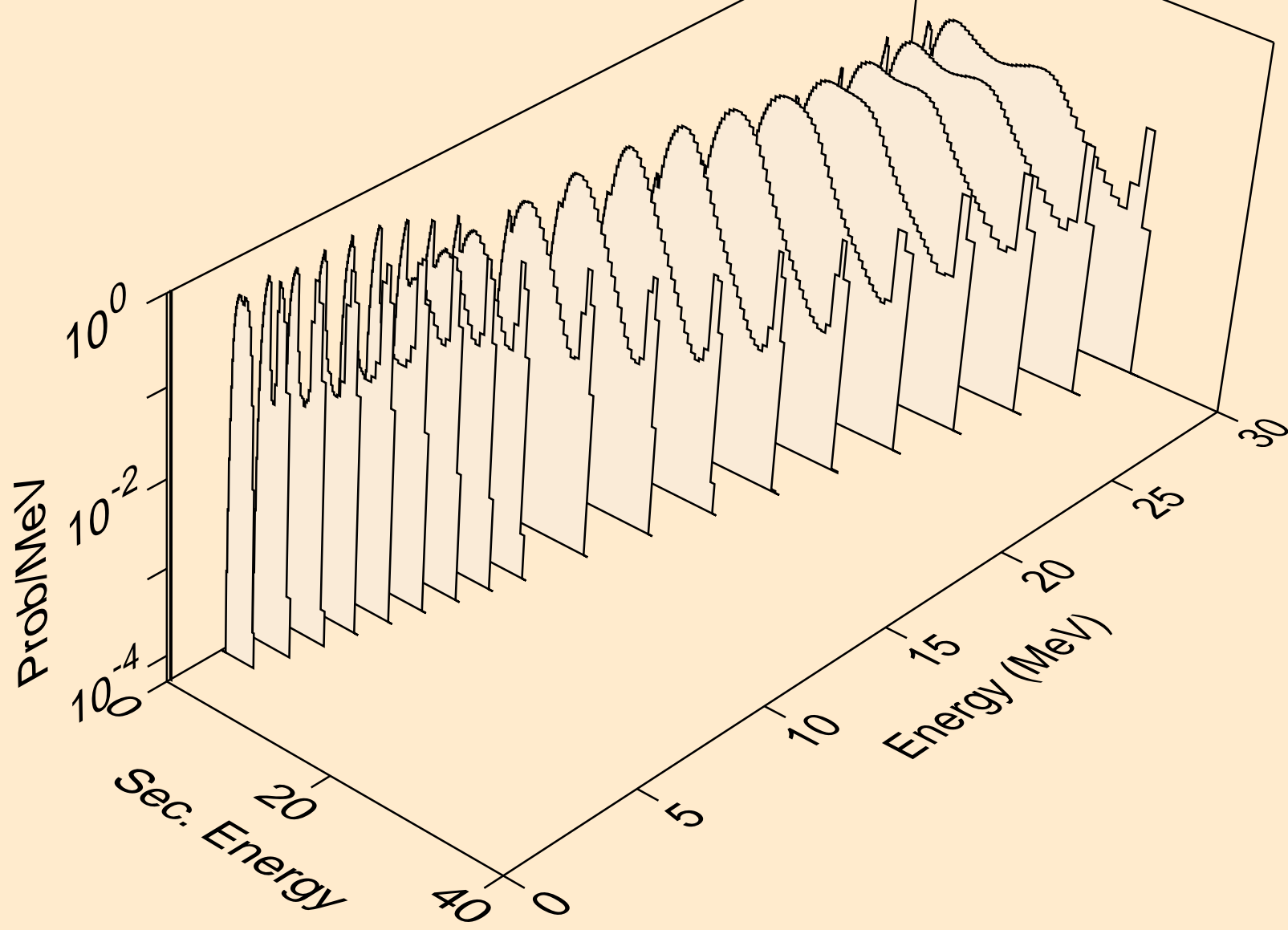
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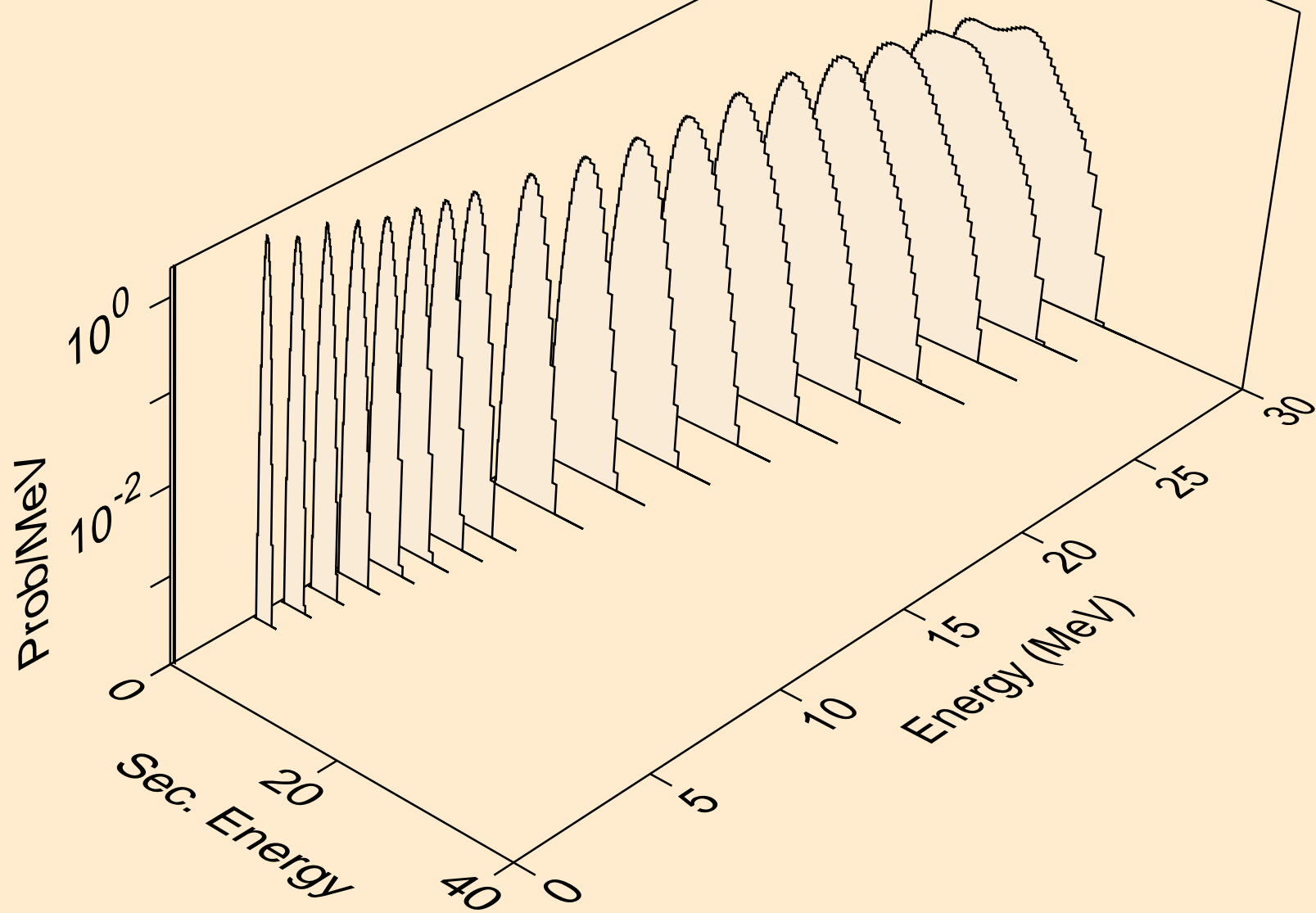
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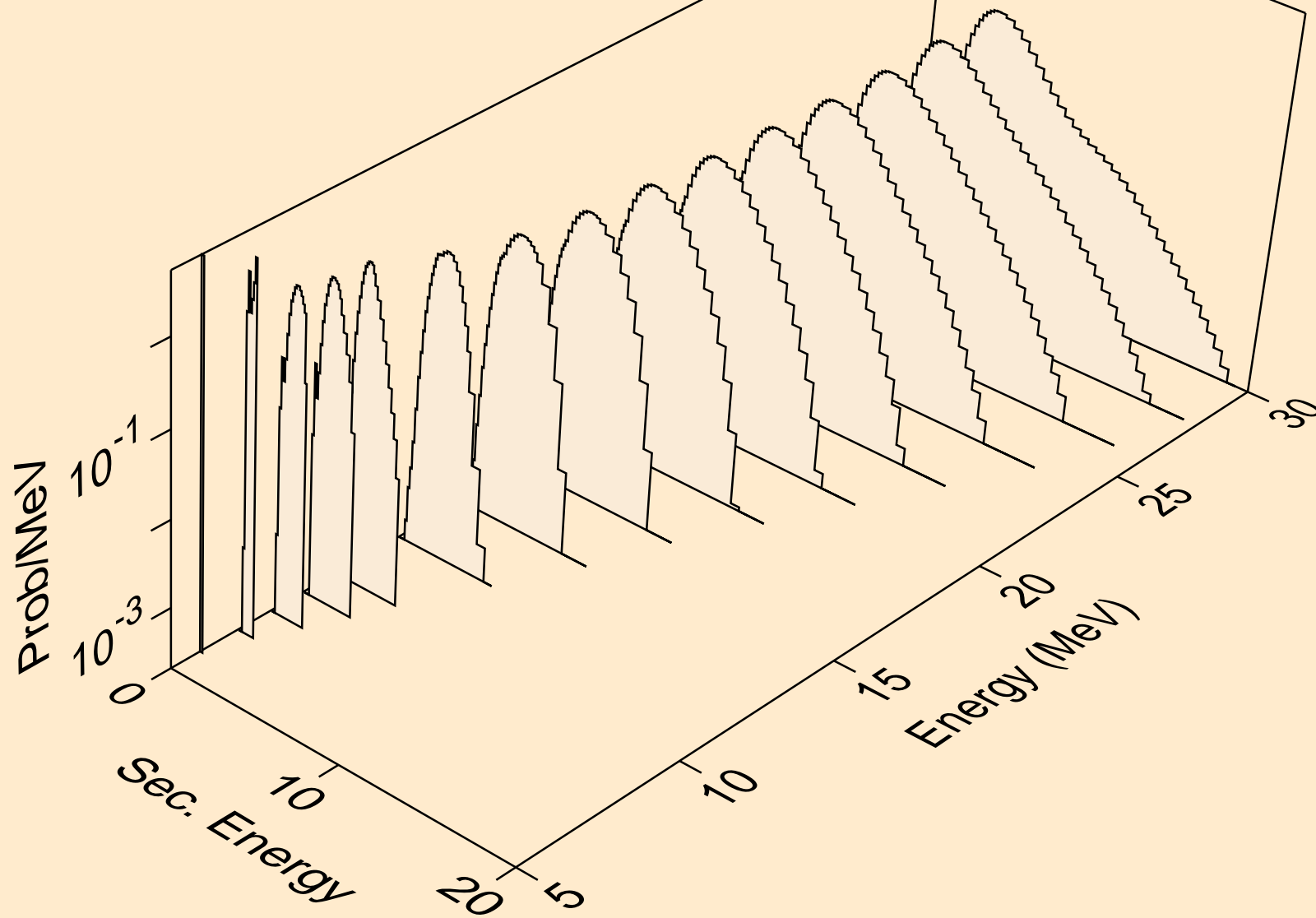
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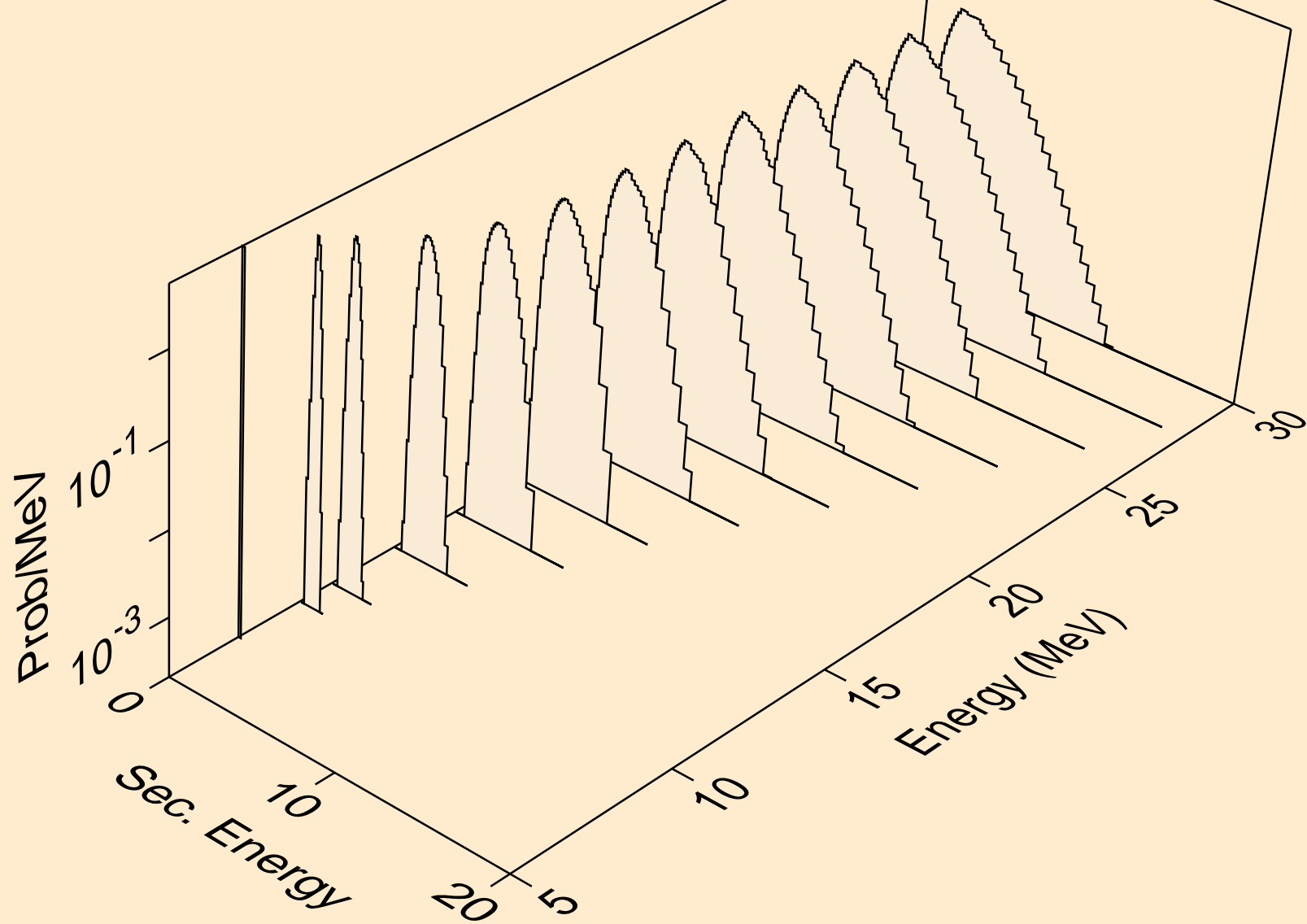
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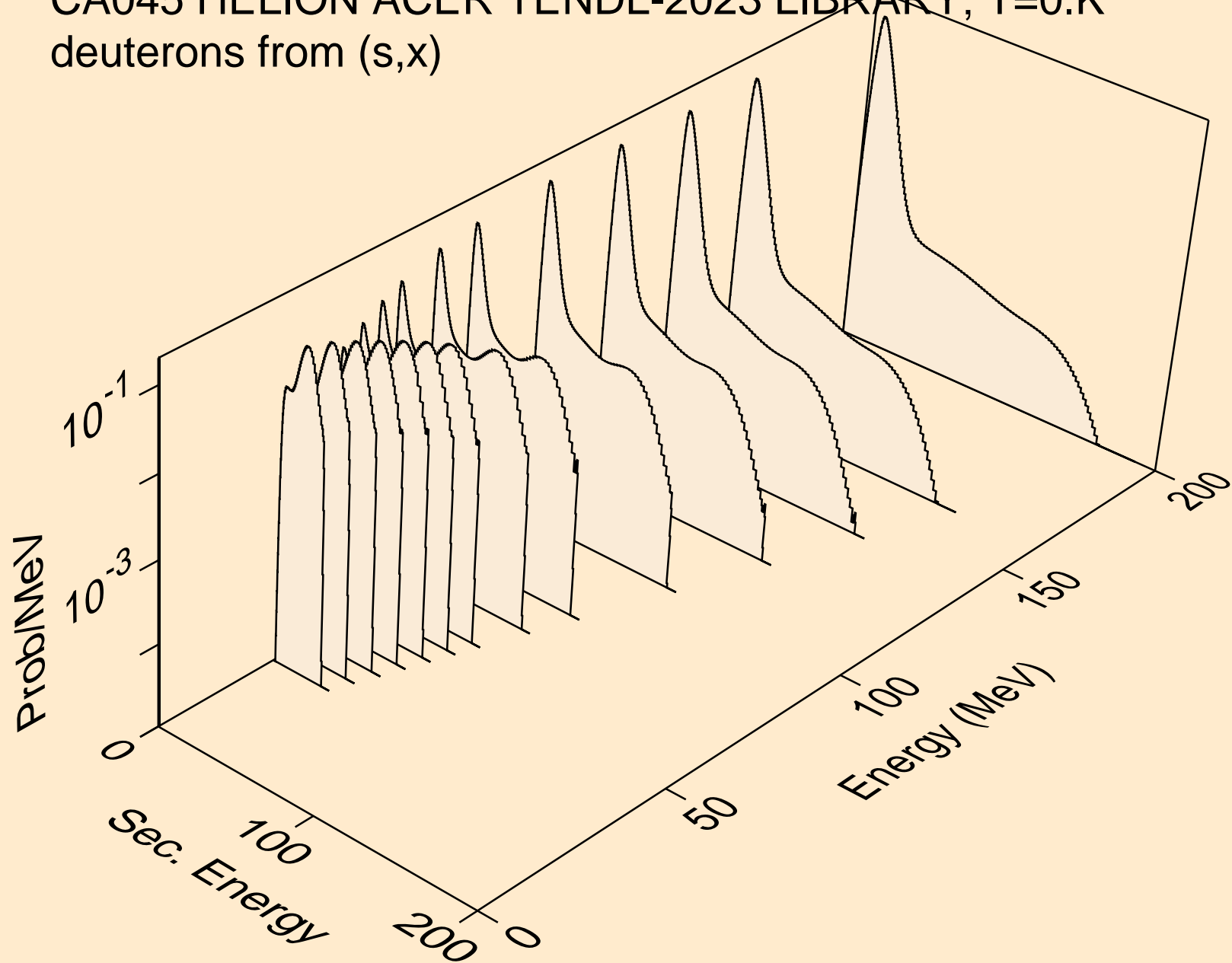
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protons from (s,pd)



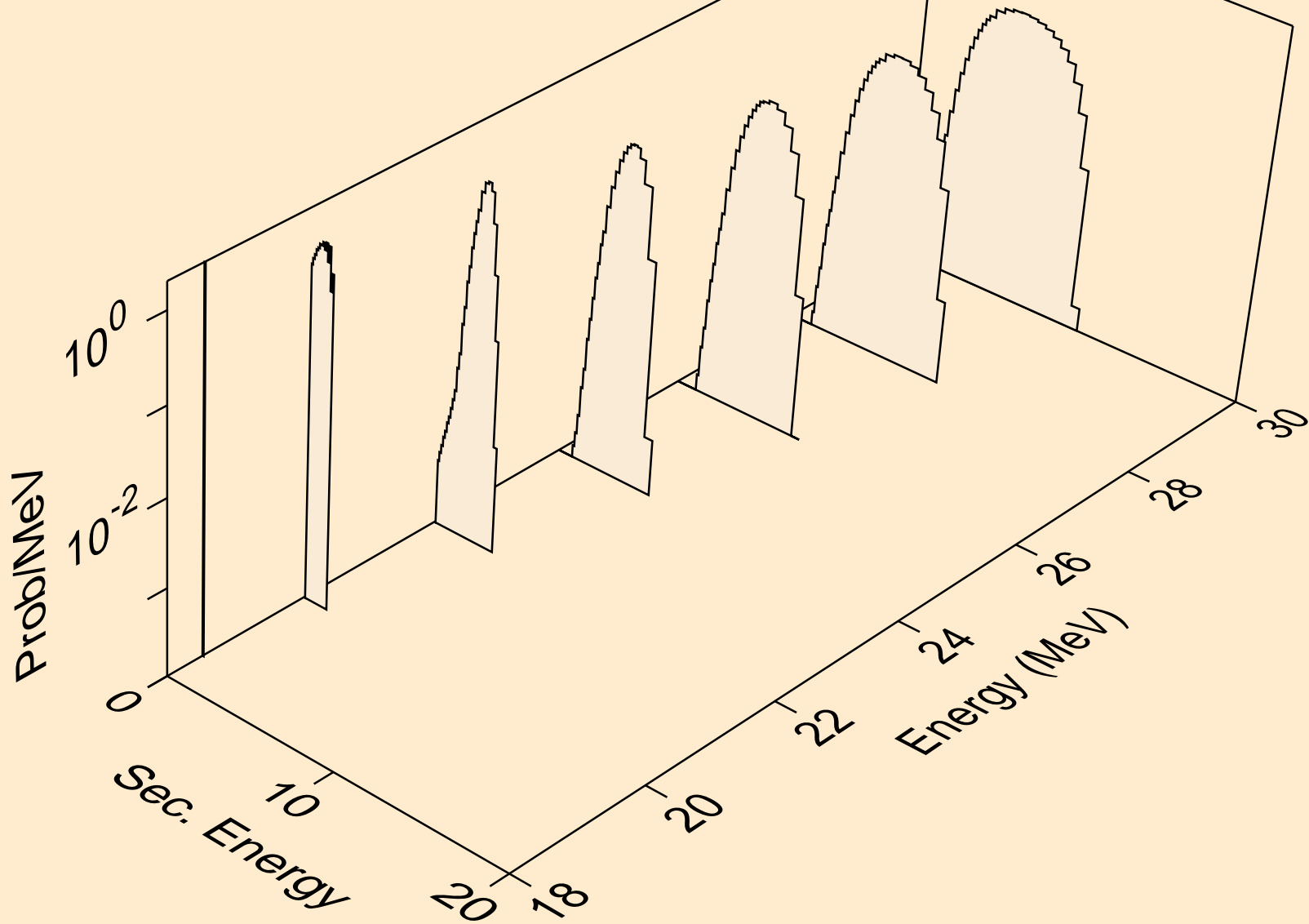
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protons from (s,pt)



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)

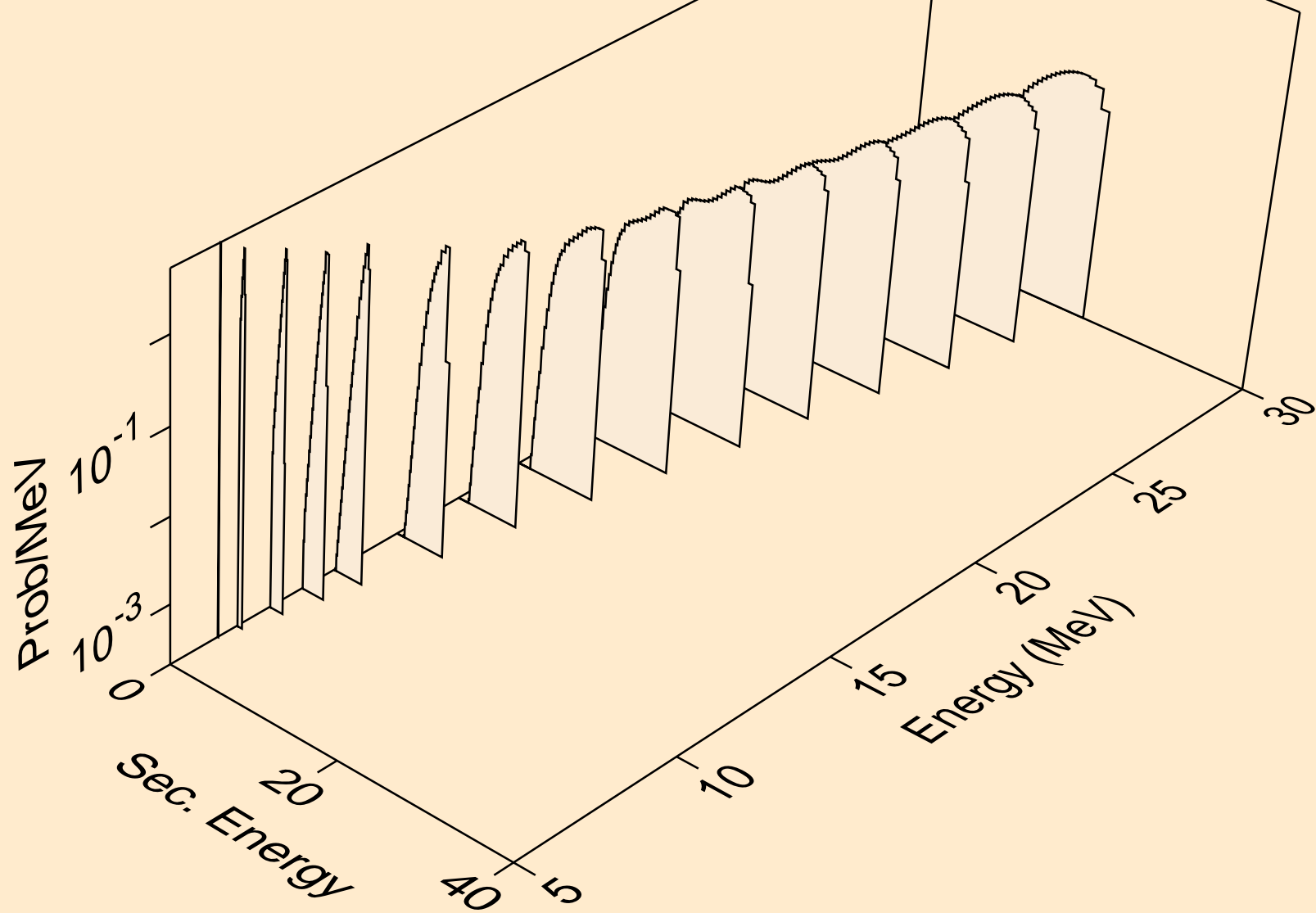


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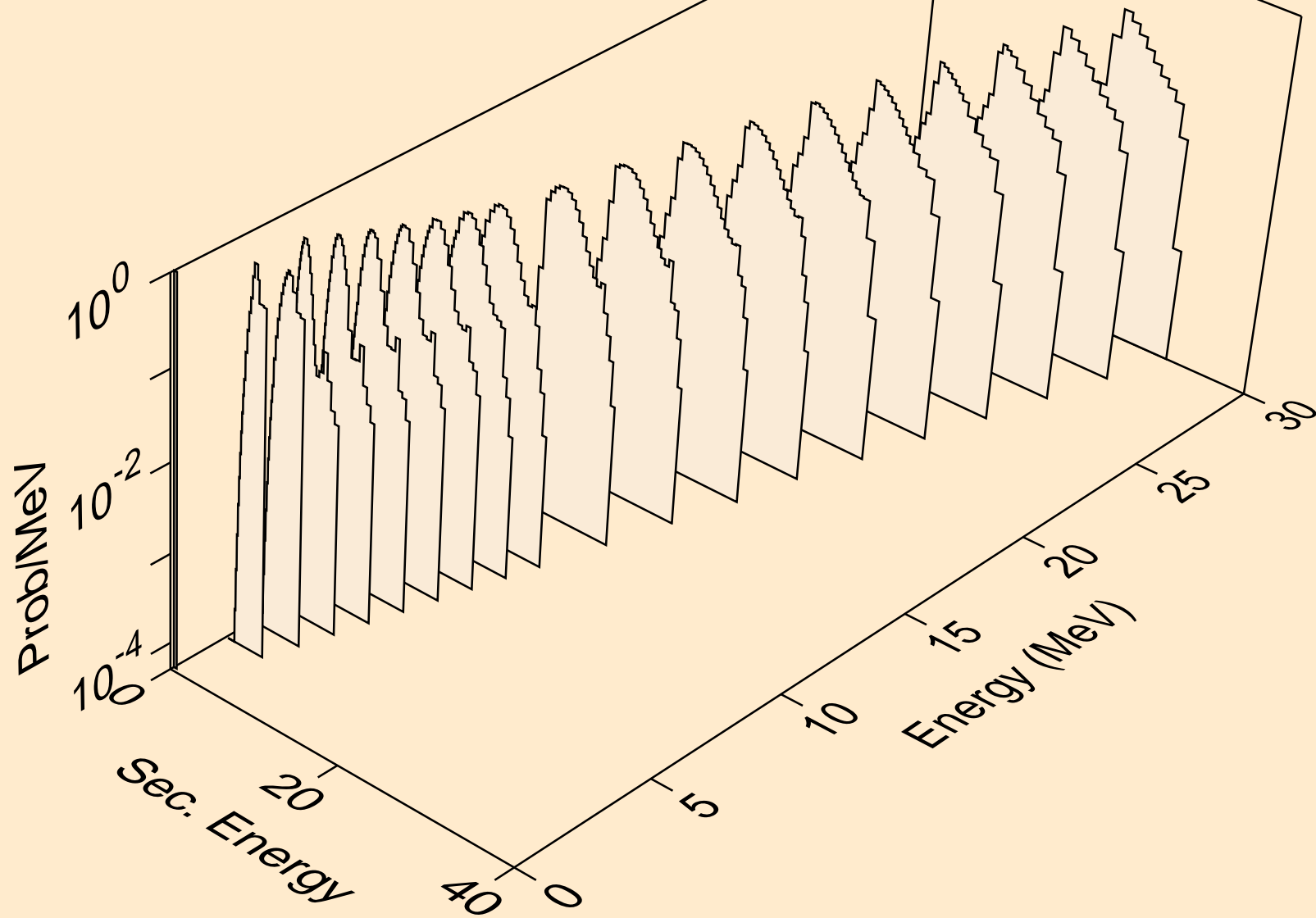




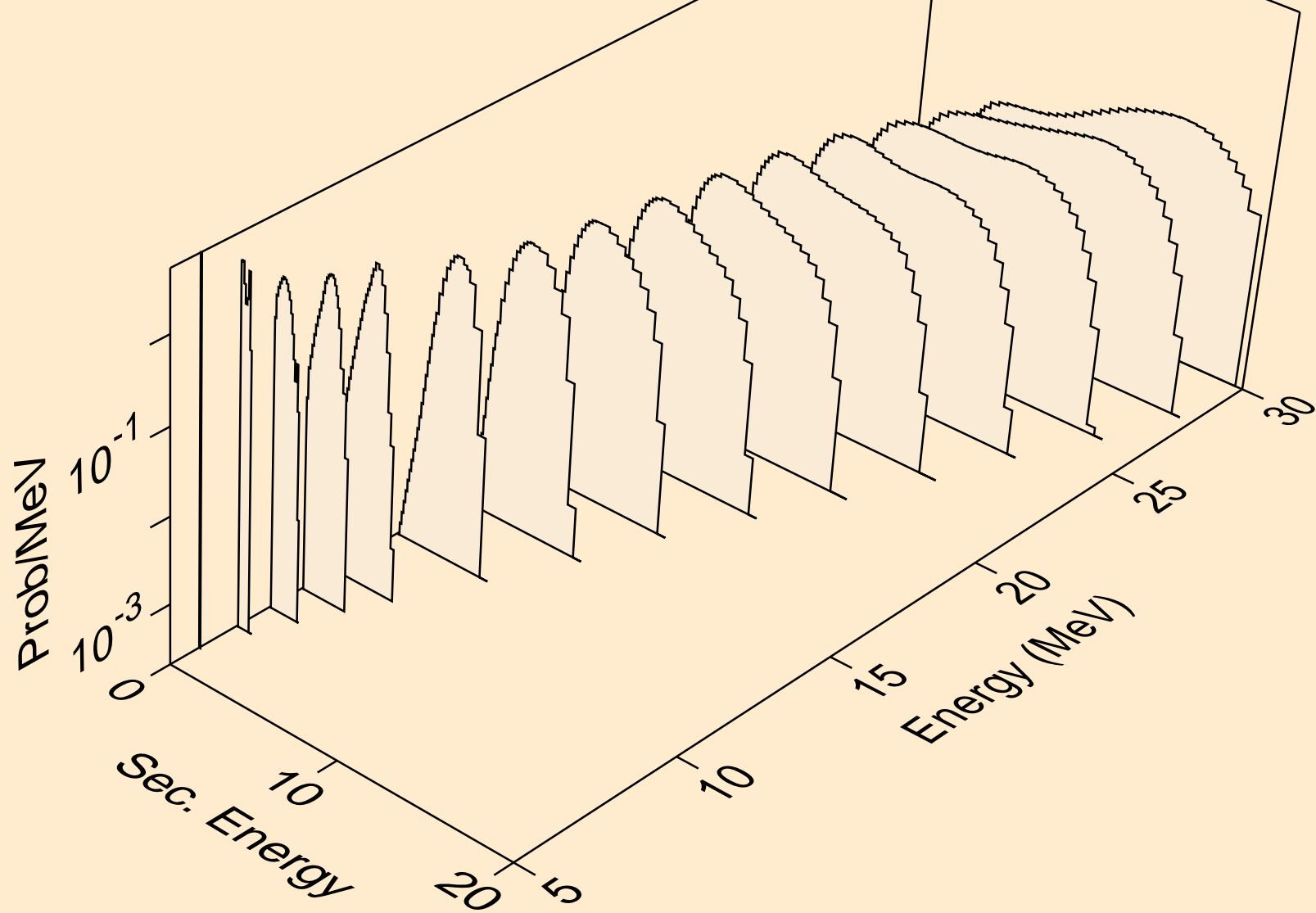
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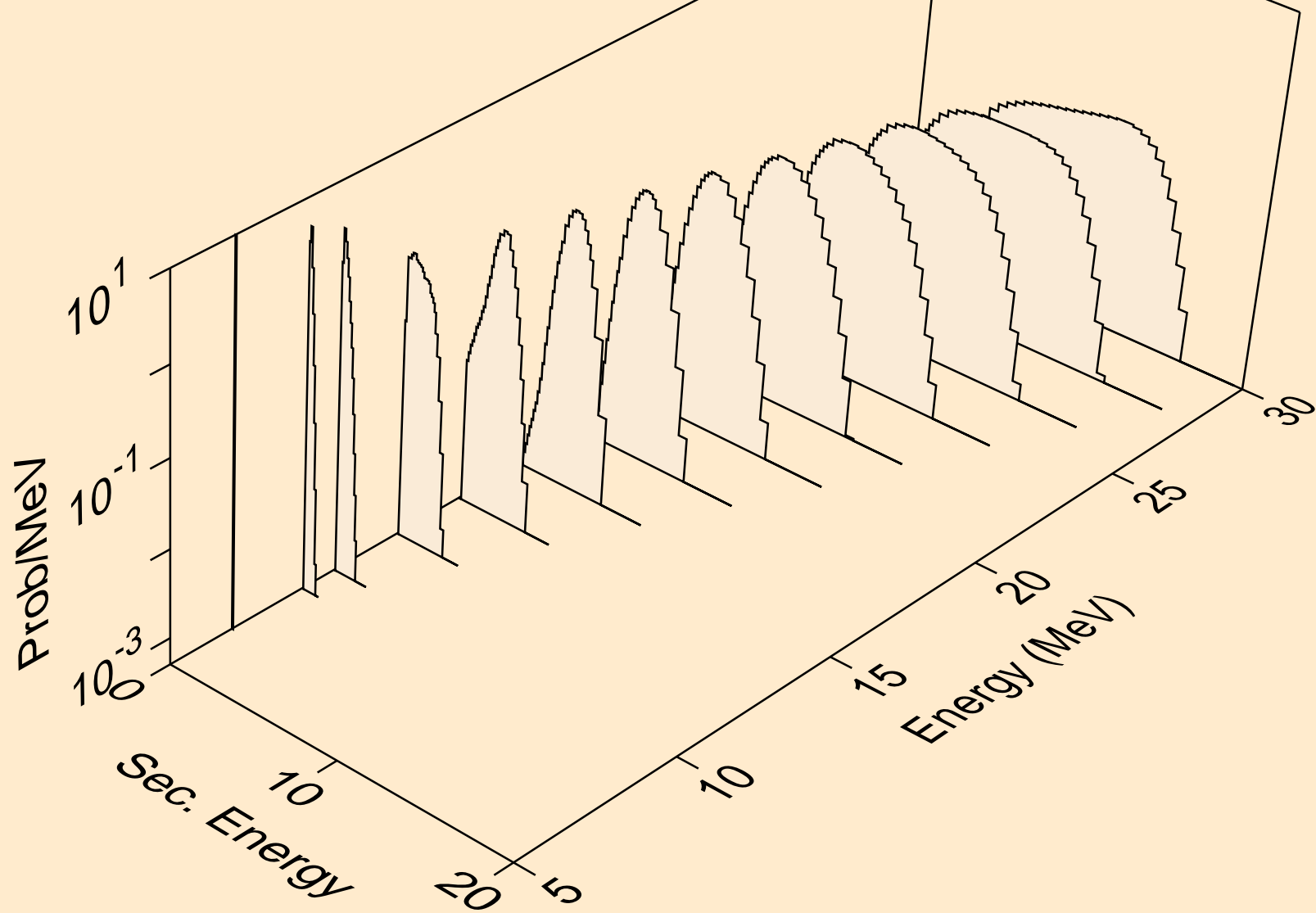
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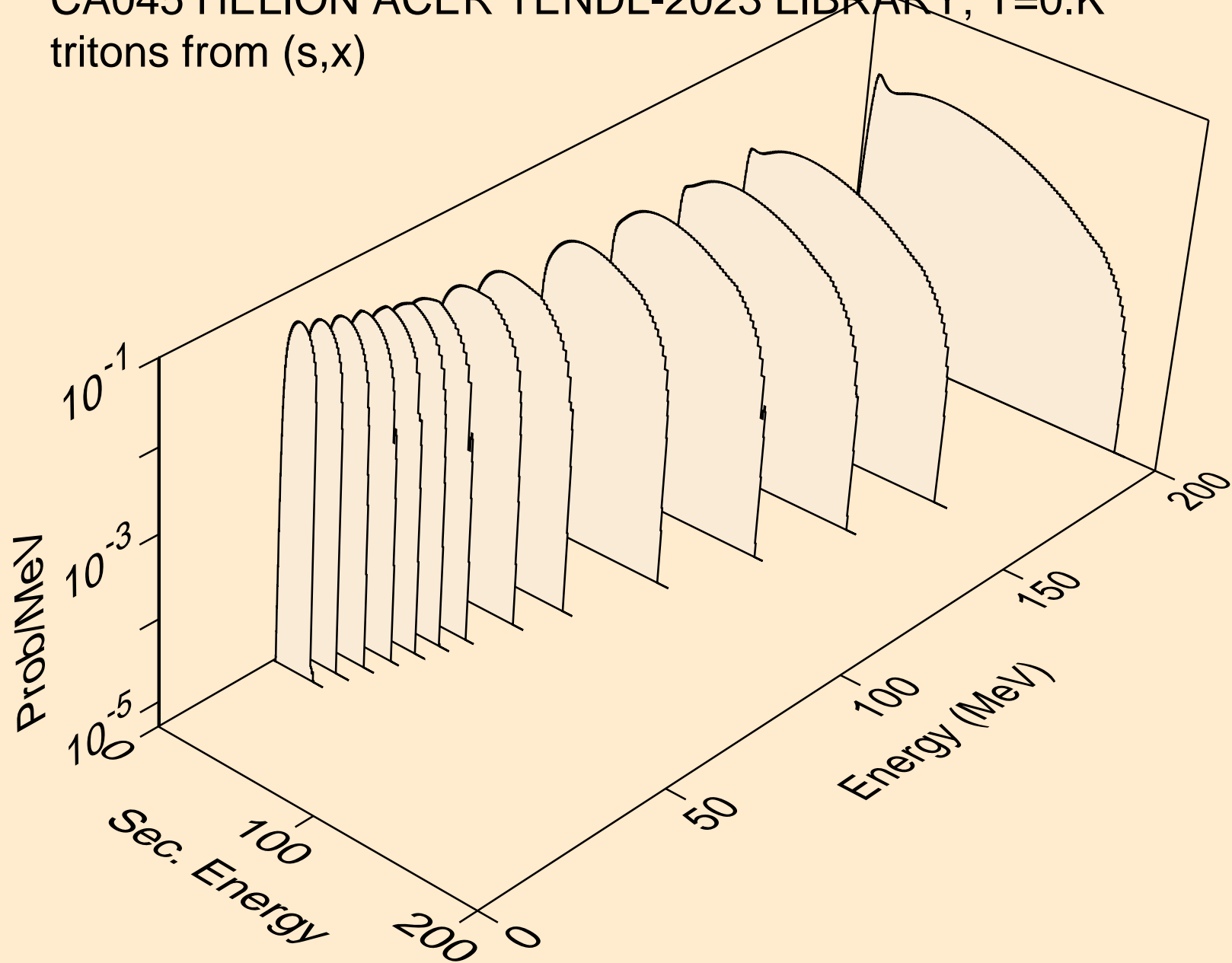
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deuterons from (s,pd)



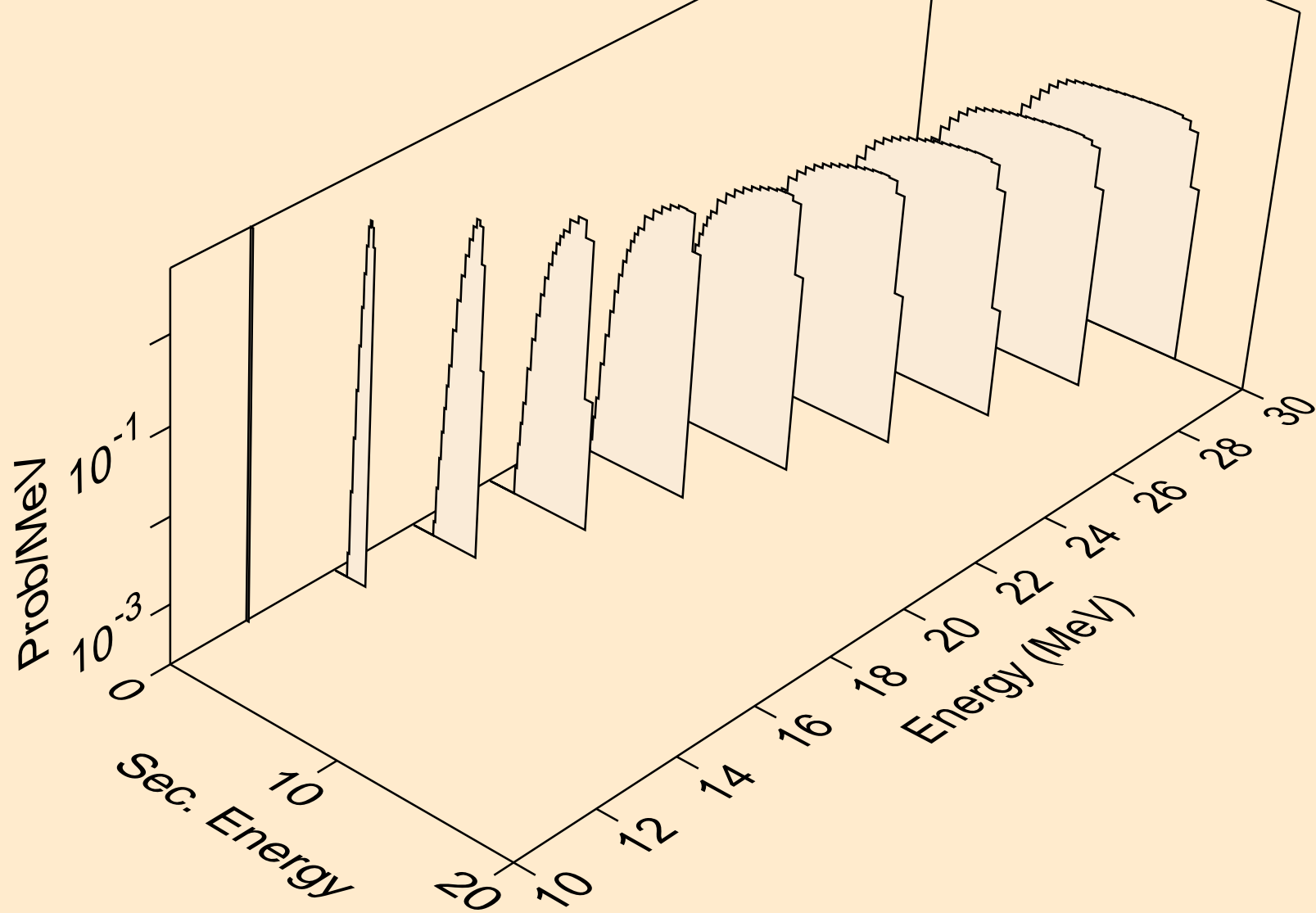
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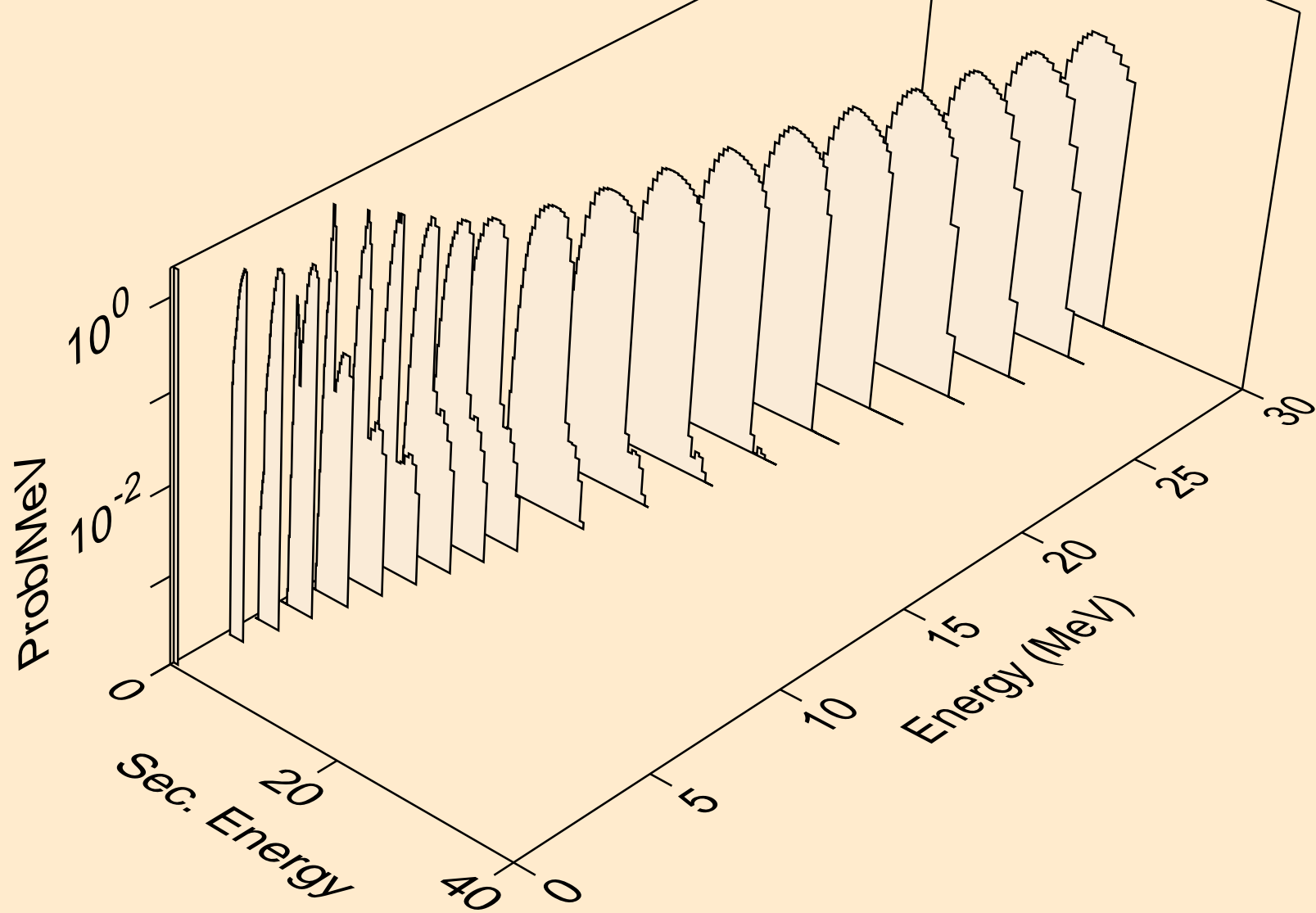
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tritons from (s,x)



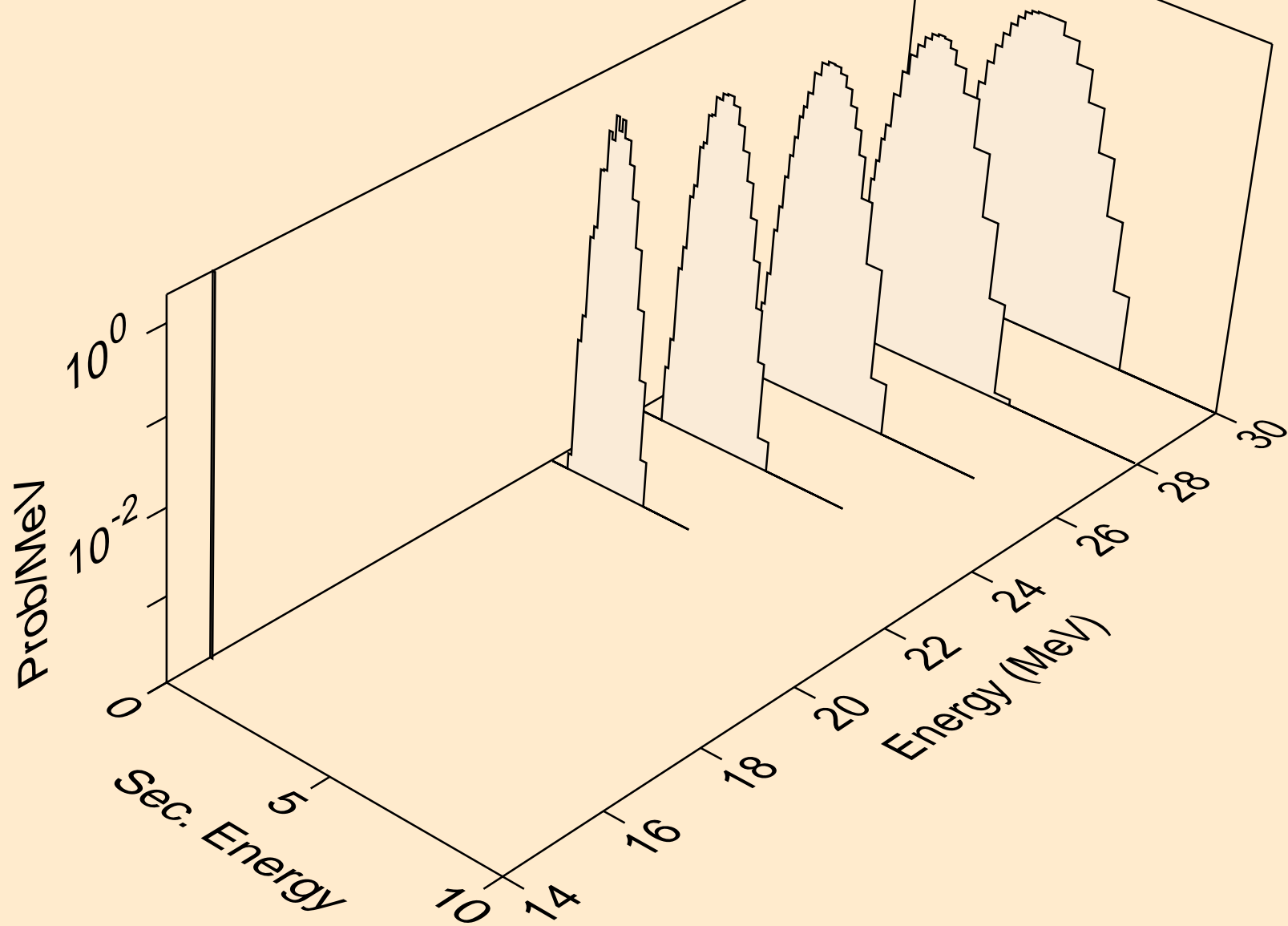
CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)

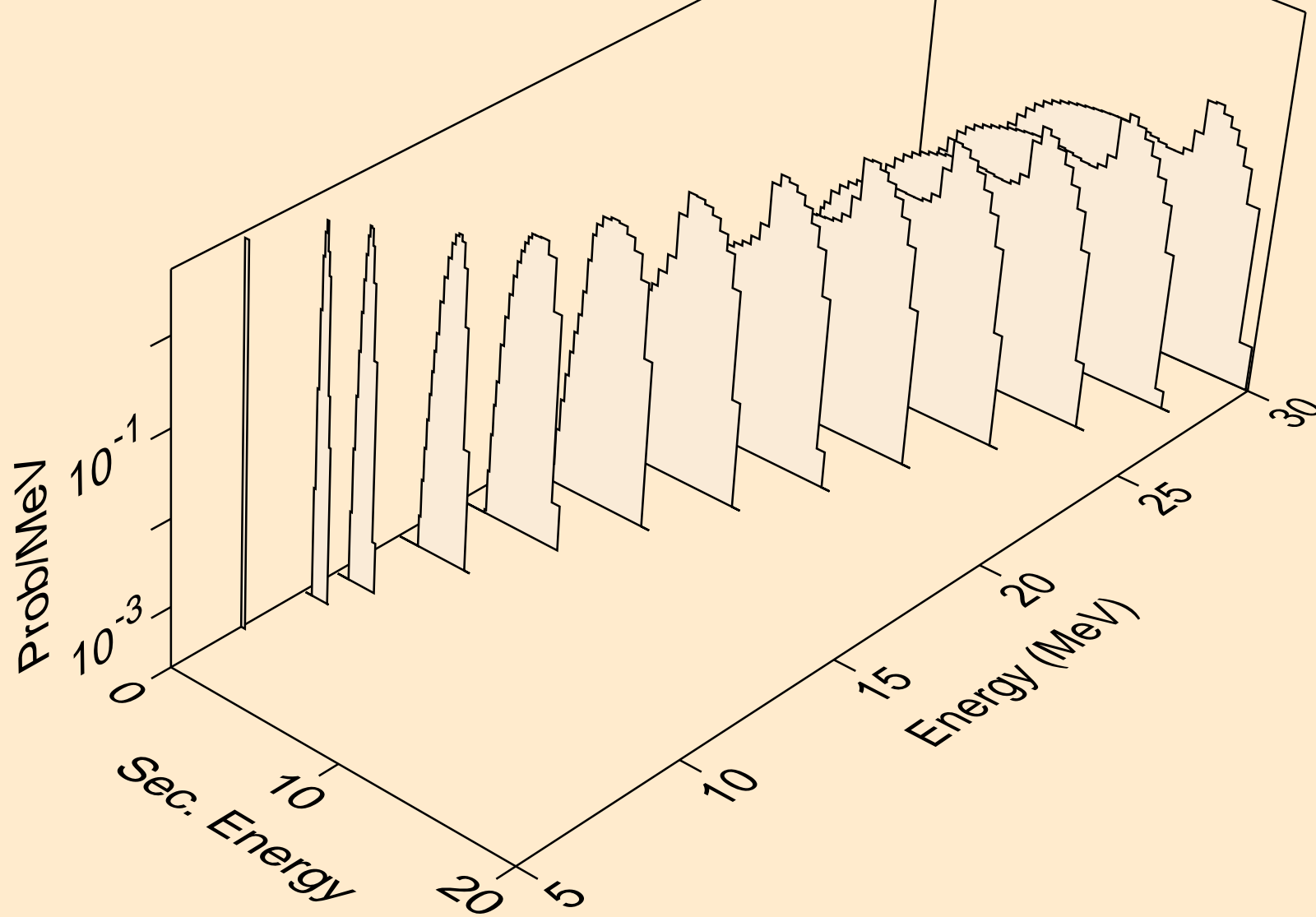


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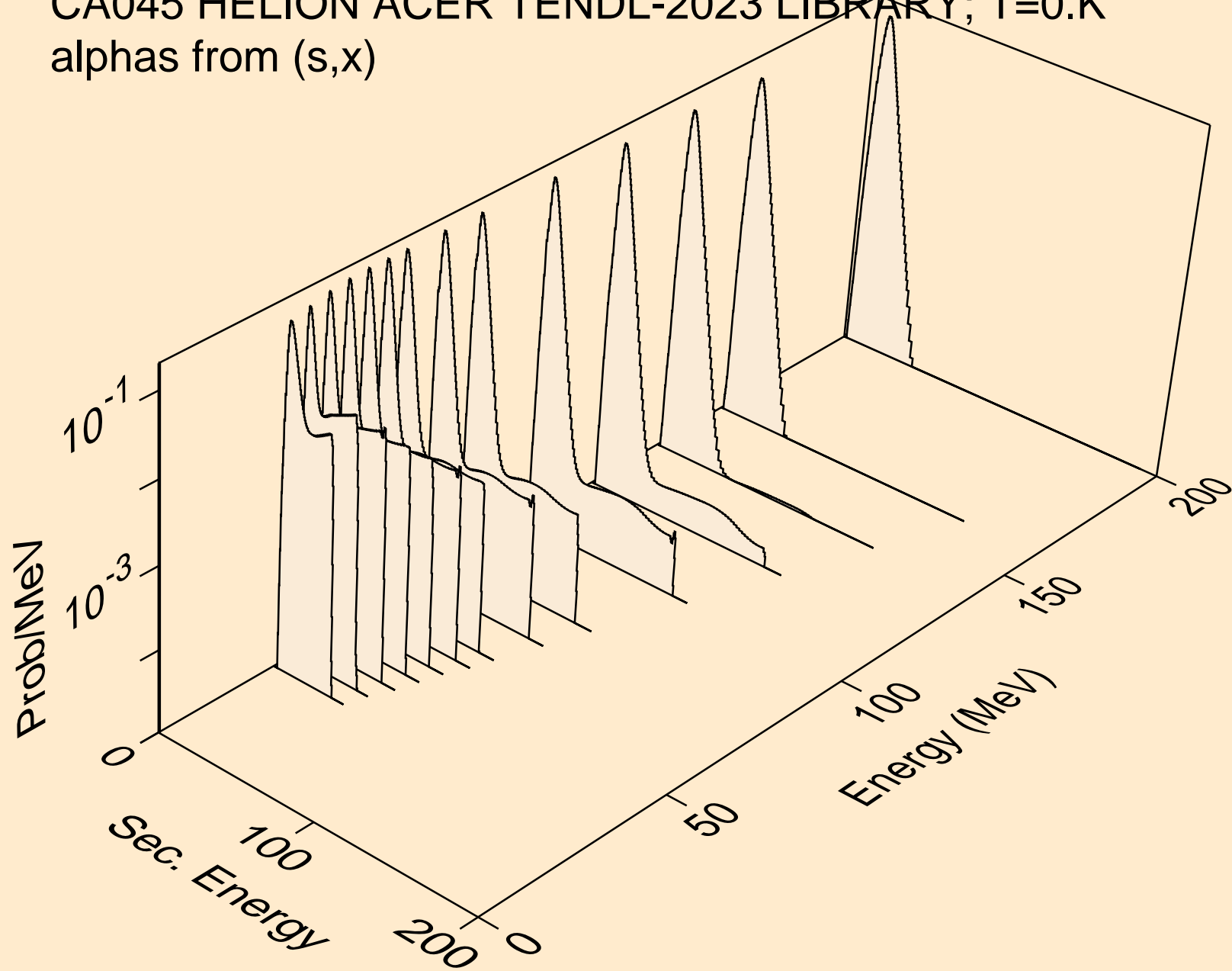




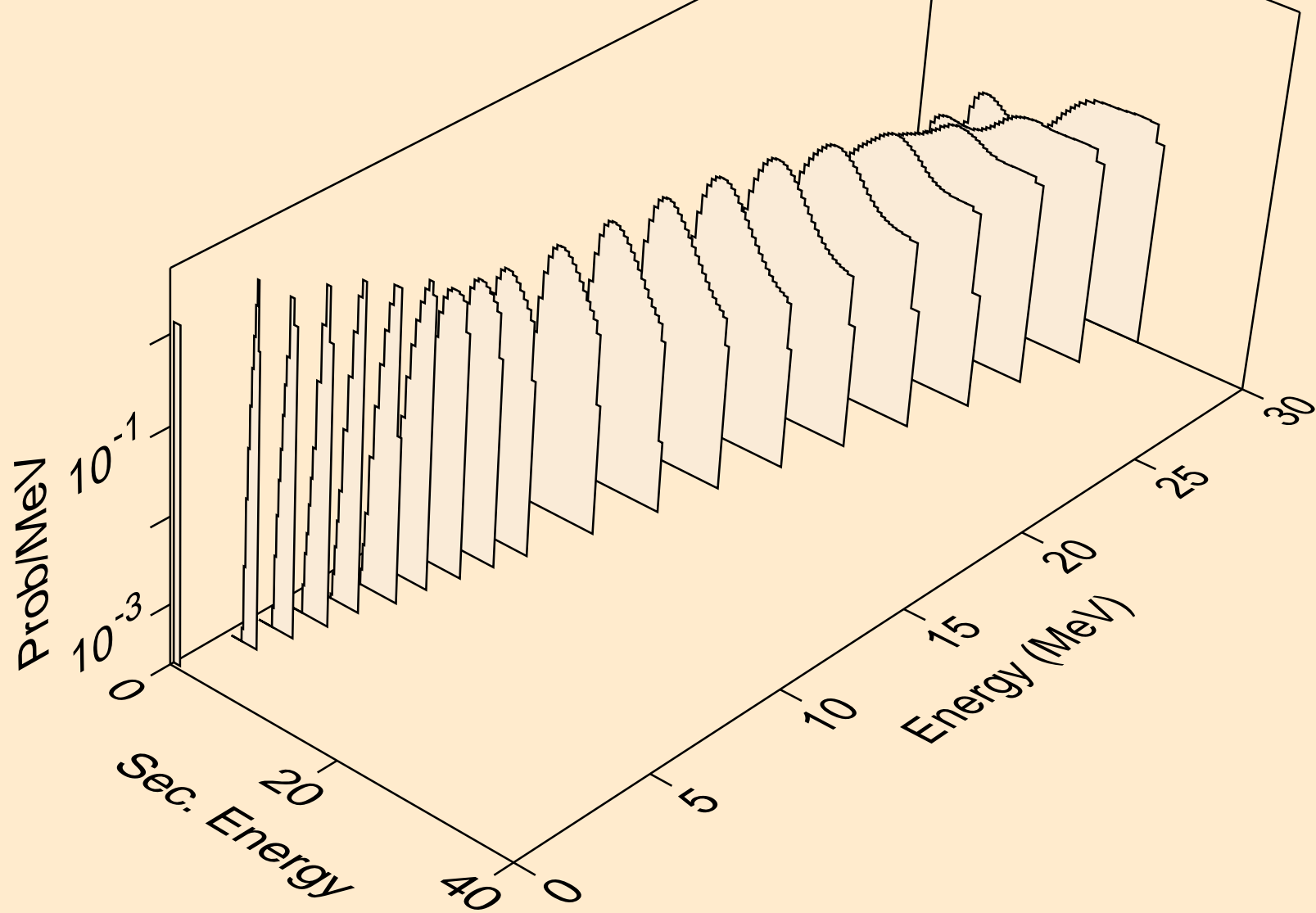
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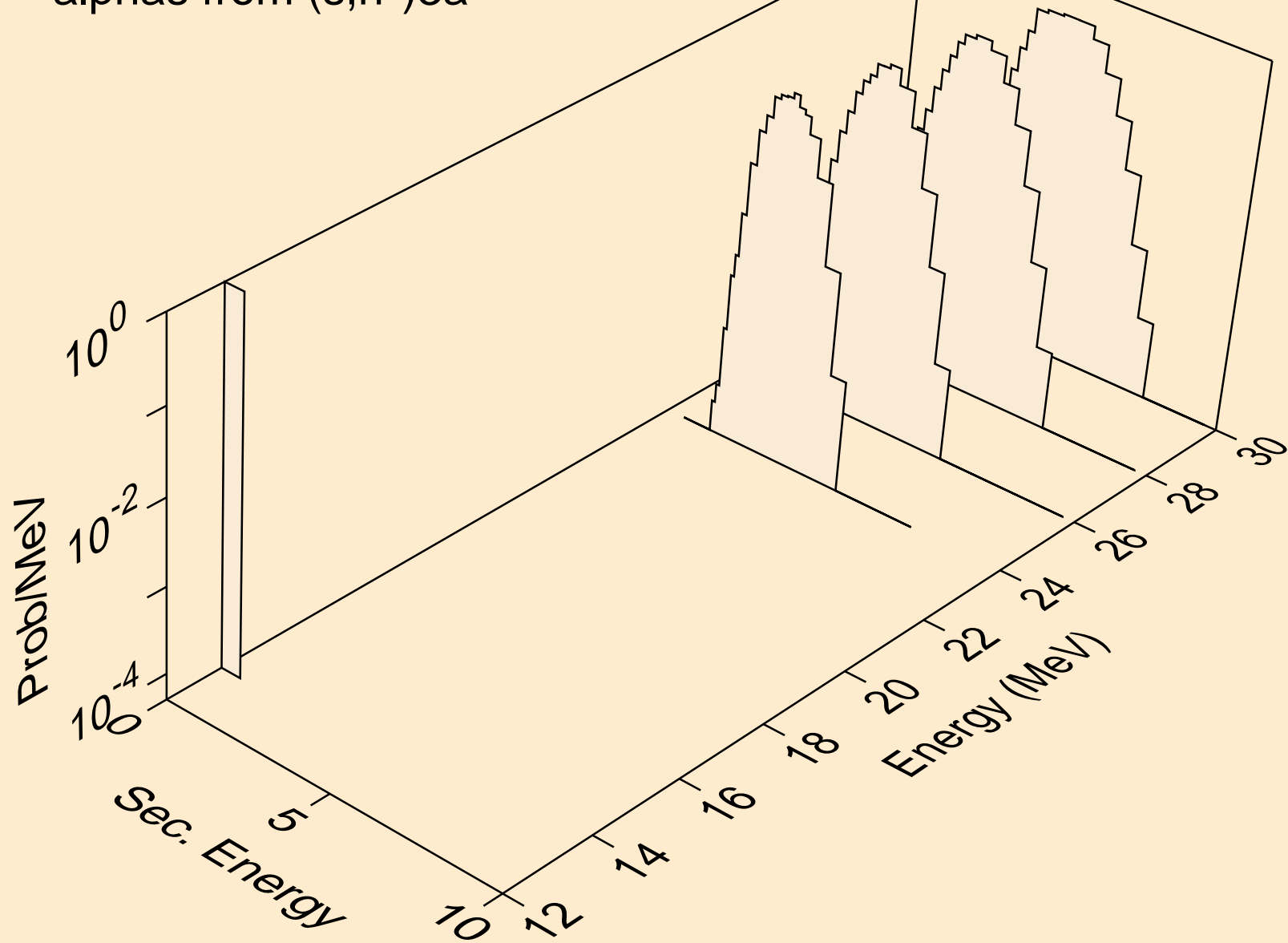
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alphas from (s,x)



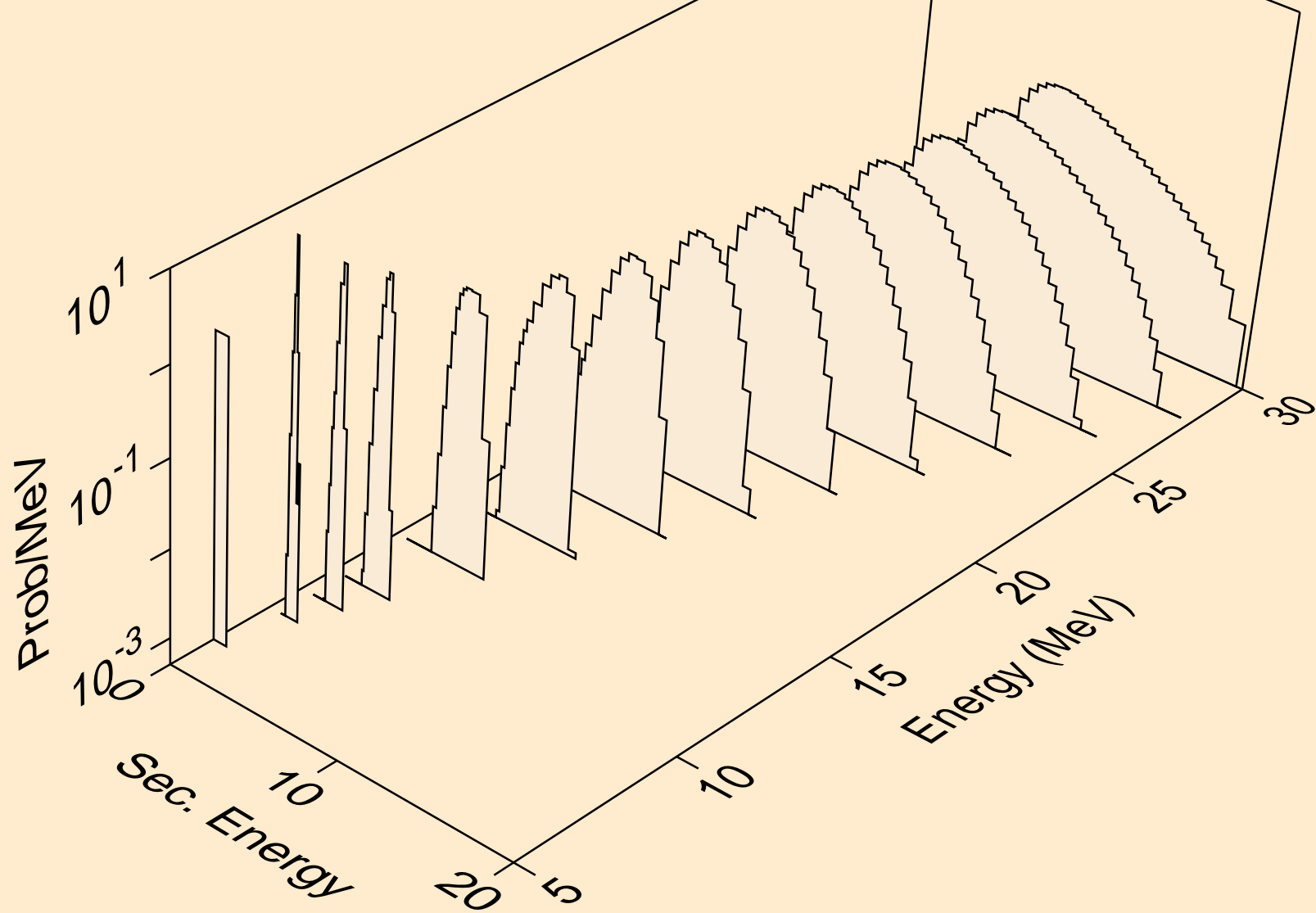
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alphas from (s,n\*)a



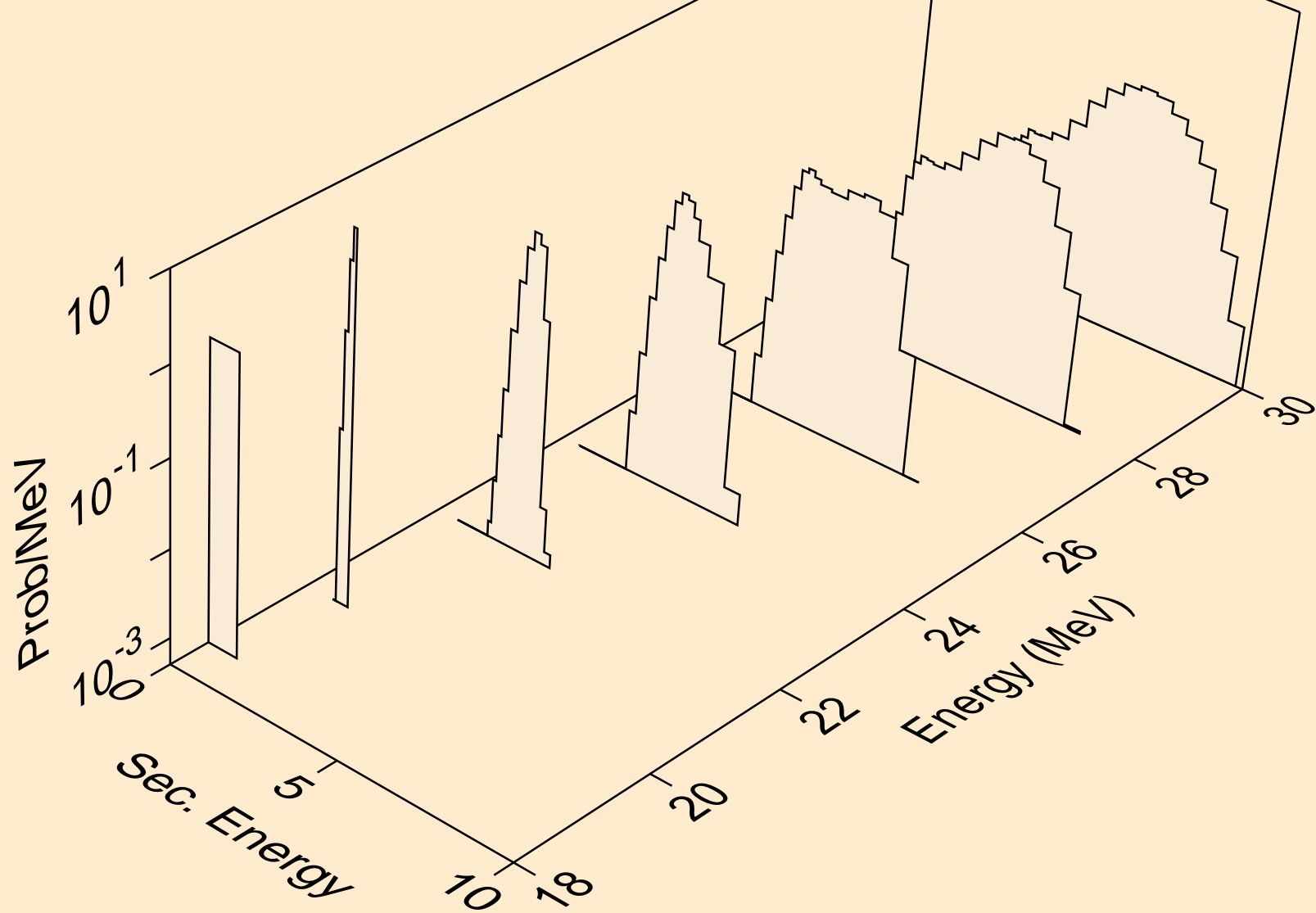
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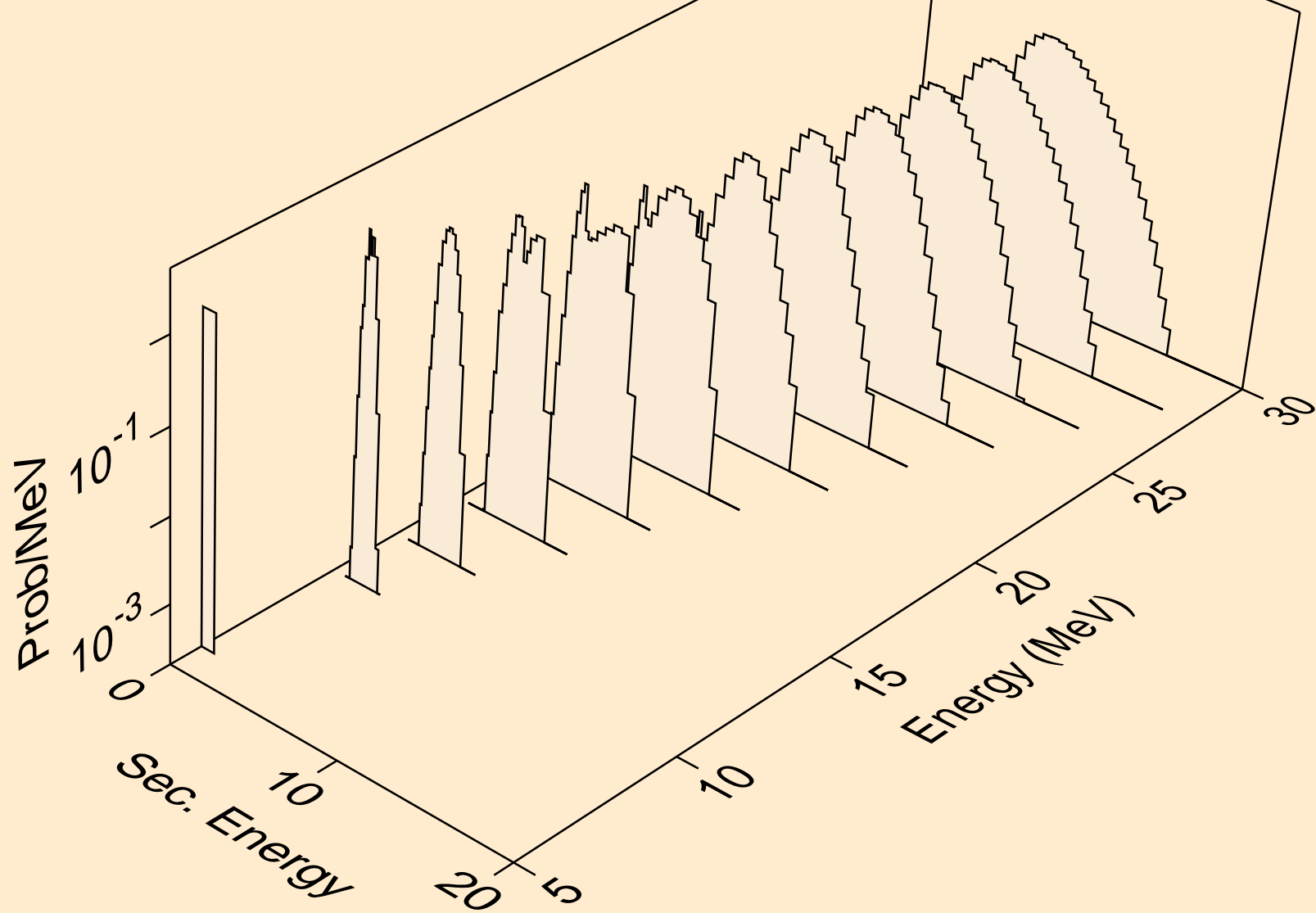
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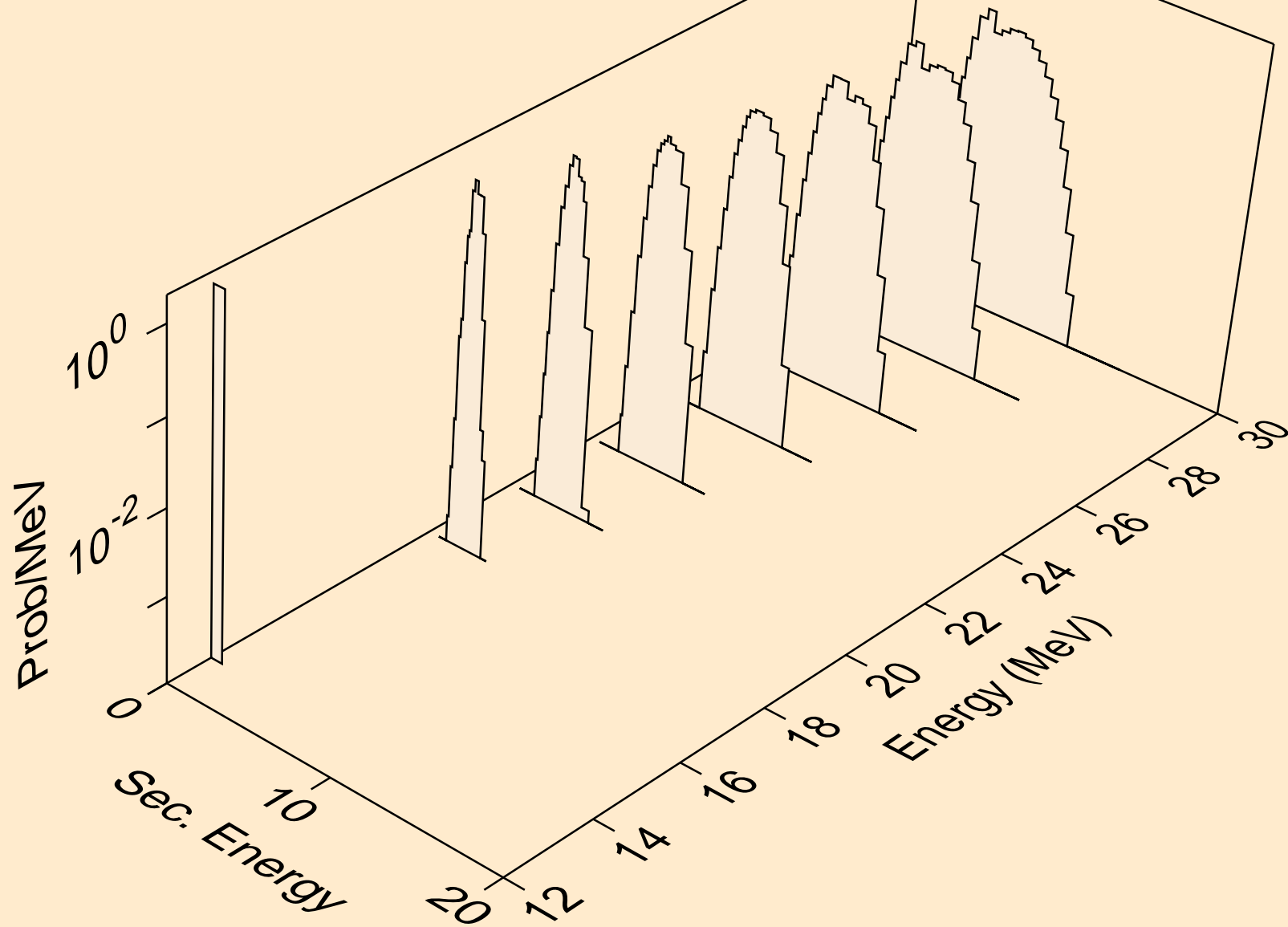
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alphas from (s,3n)a



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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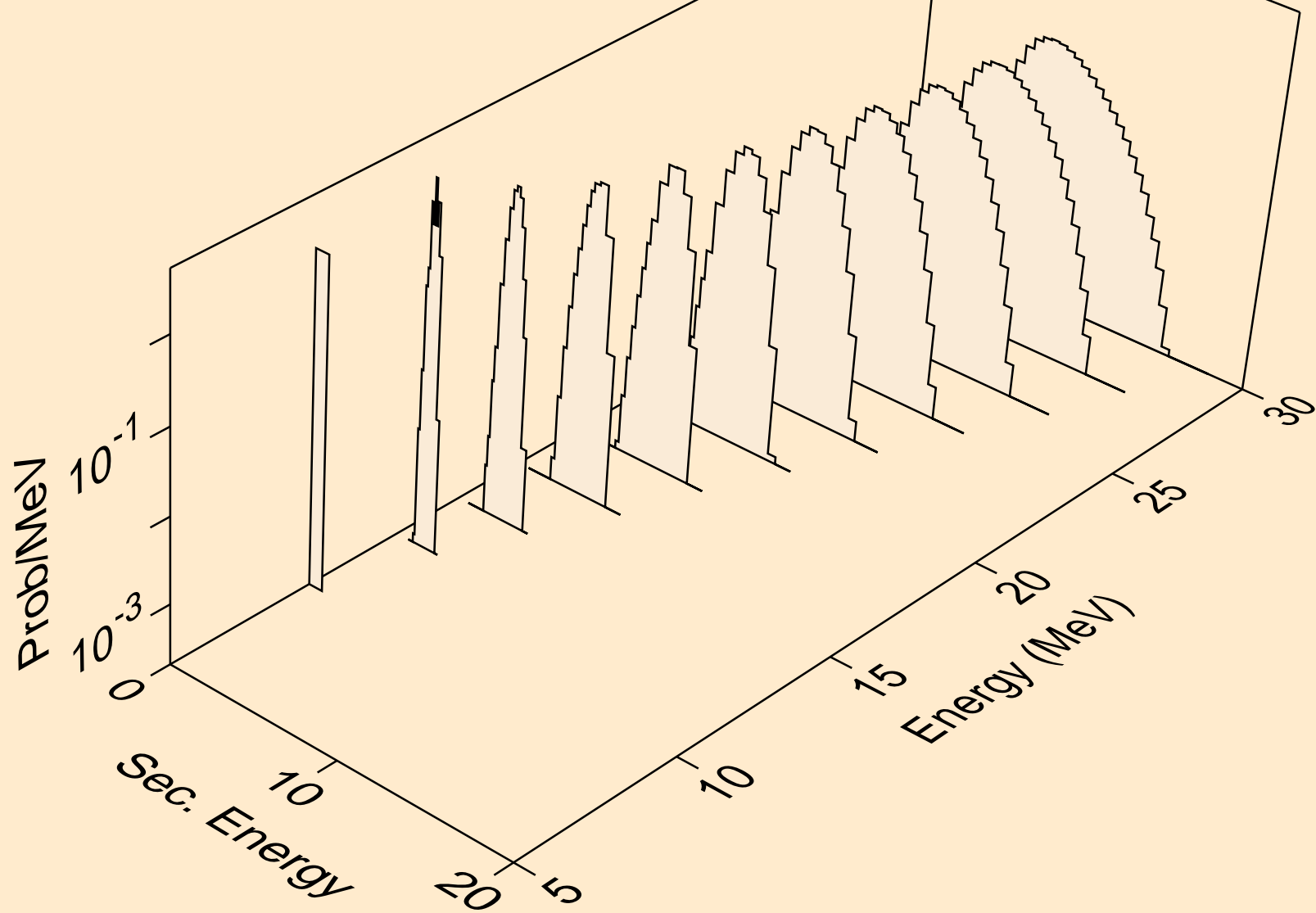


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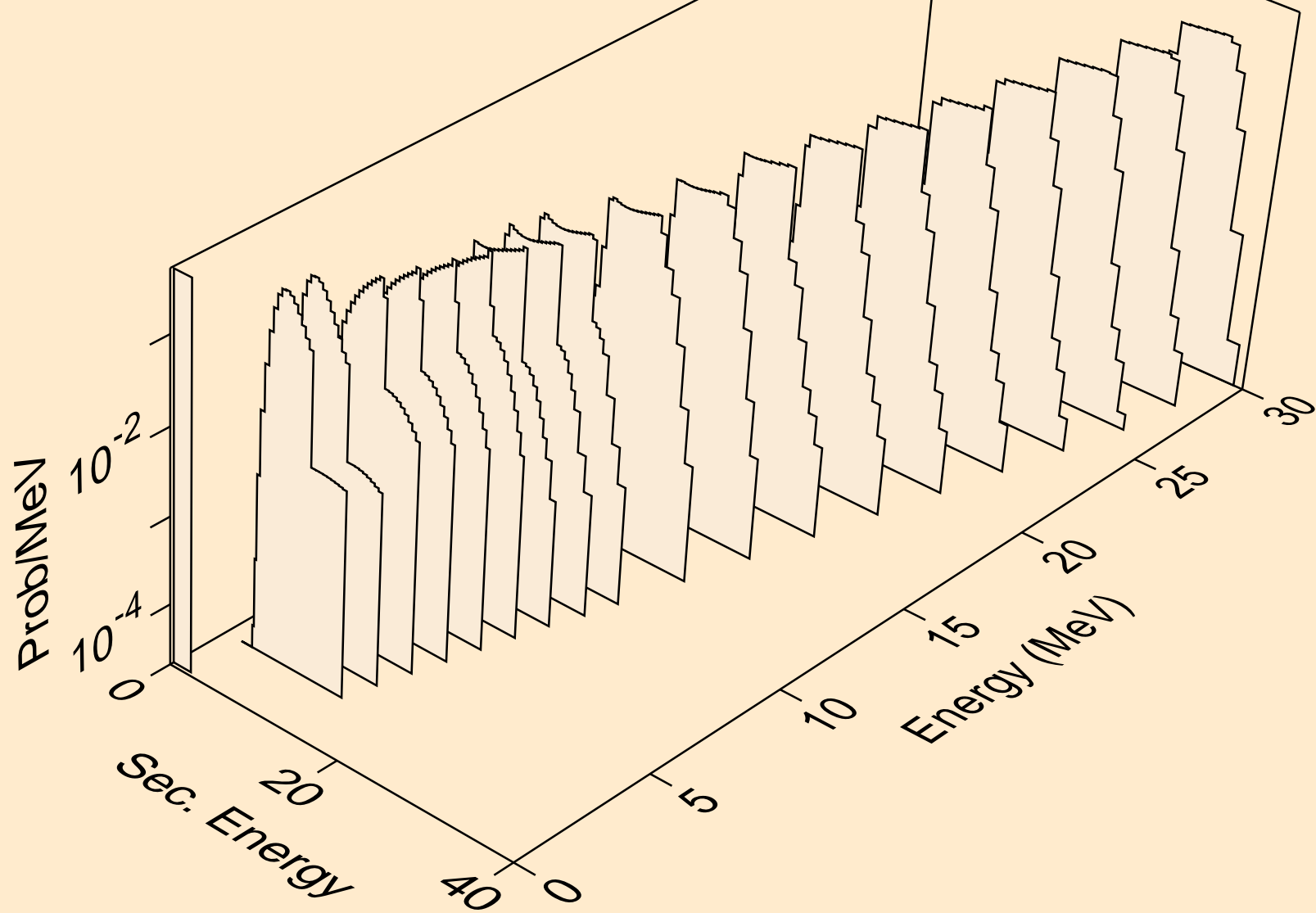




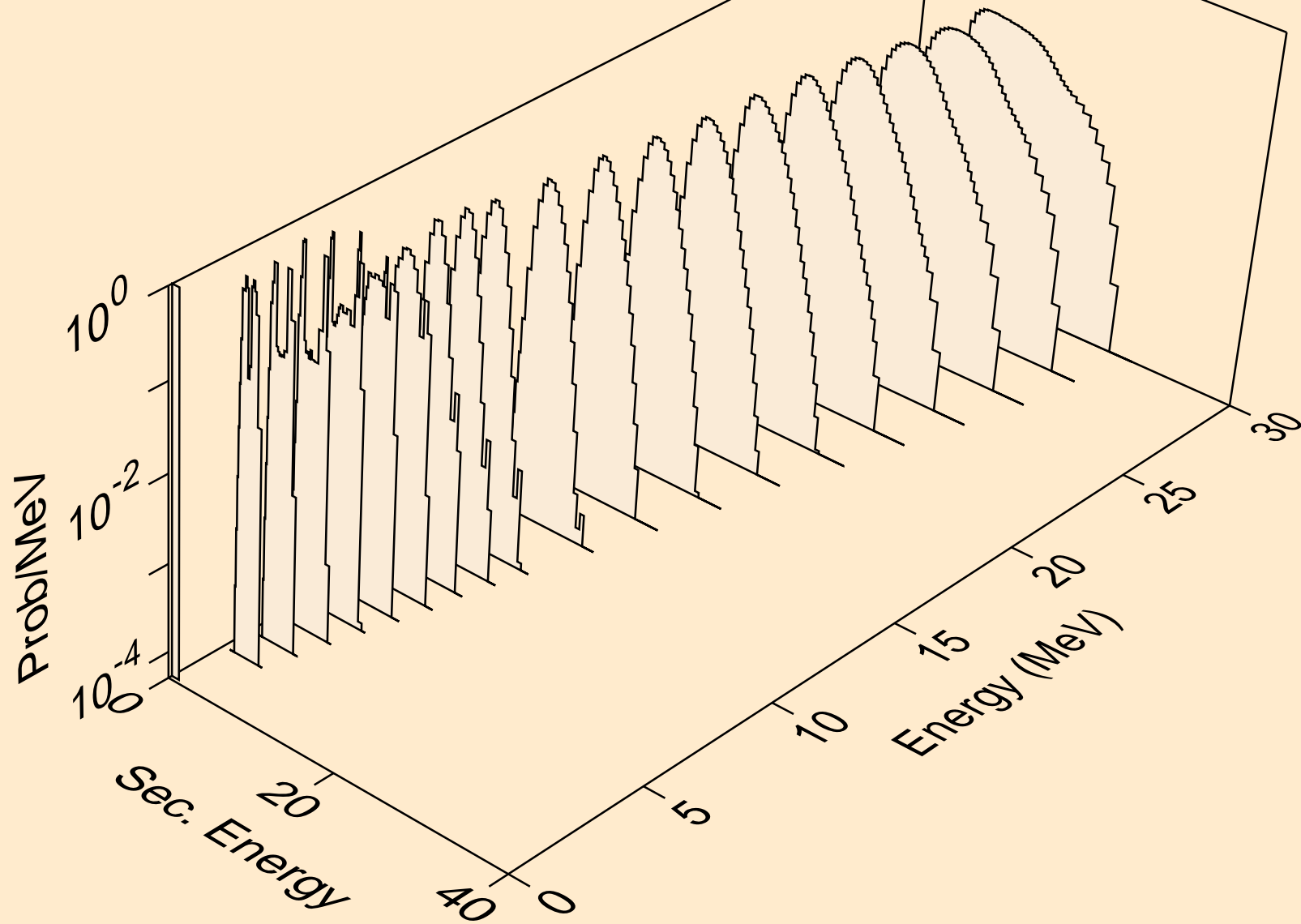
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alphas from (s,npa)



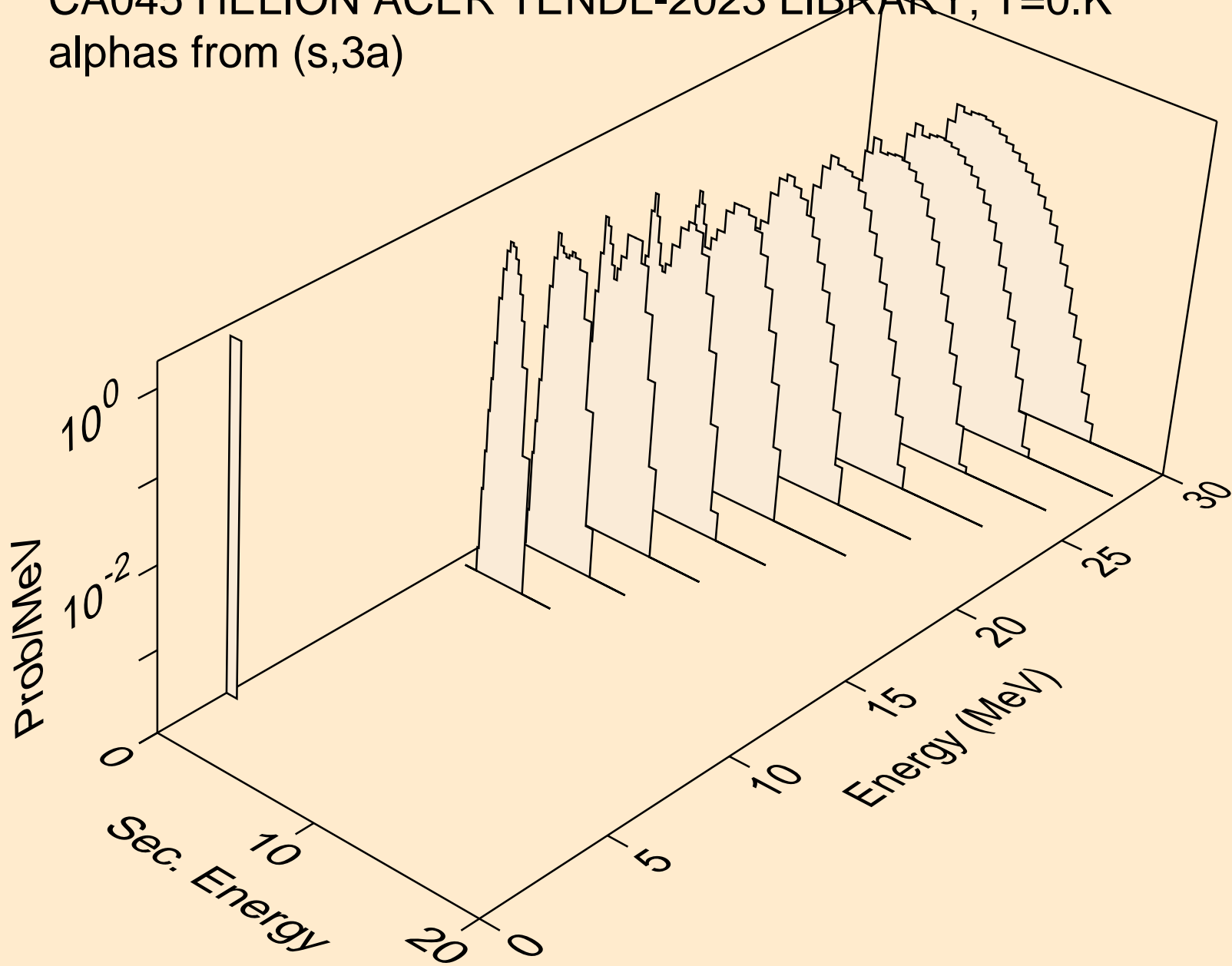
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alphas from (s,a)



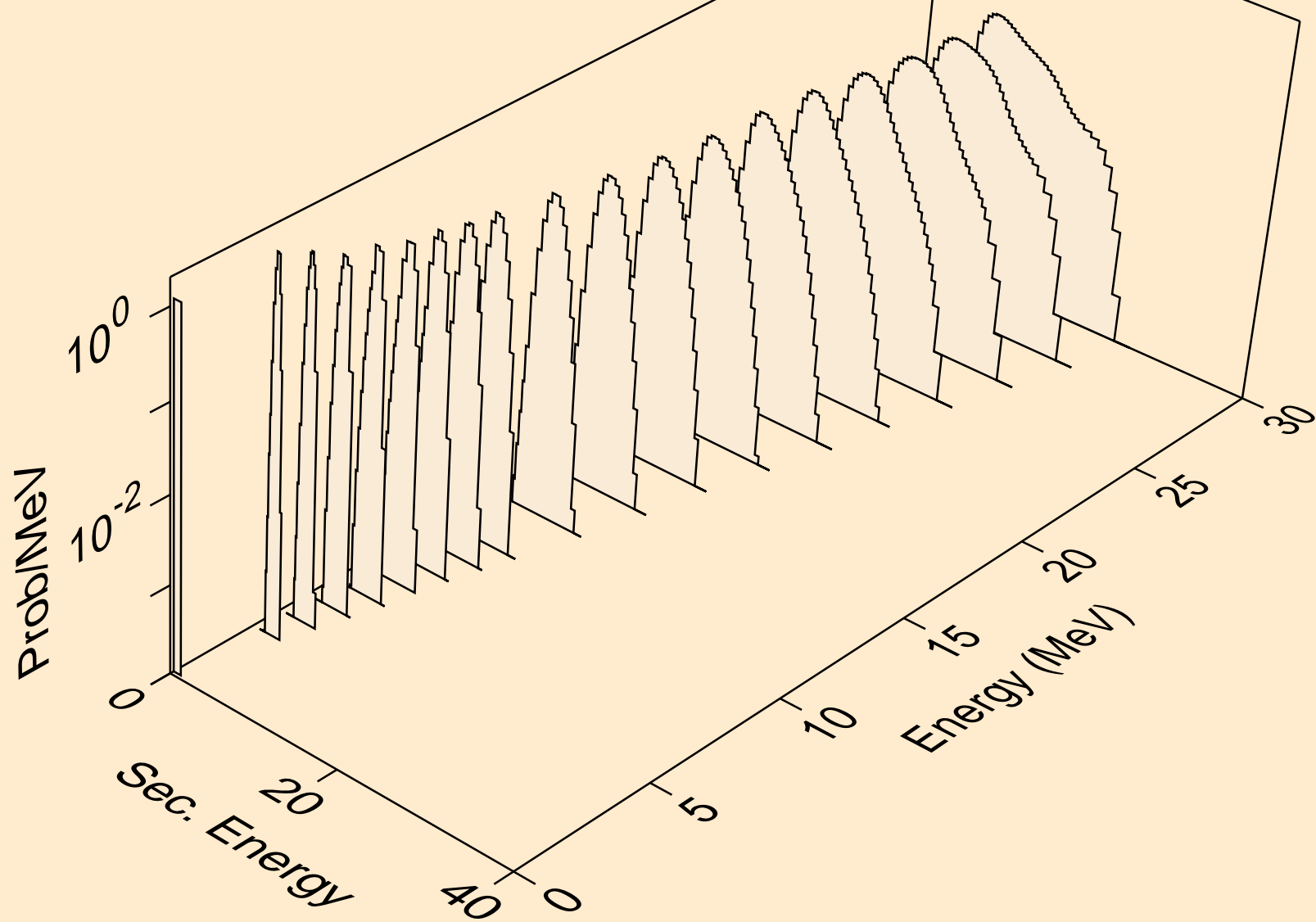
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alphas from (s,2a)



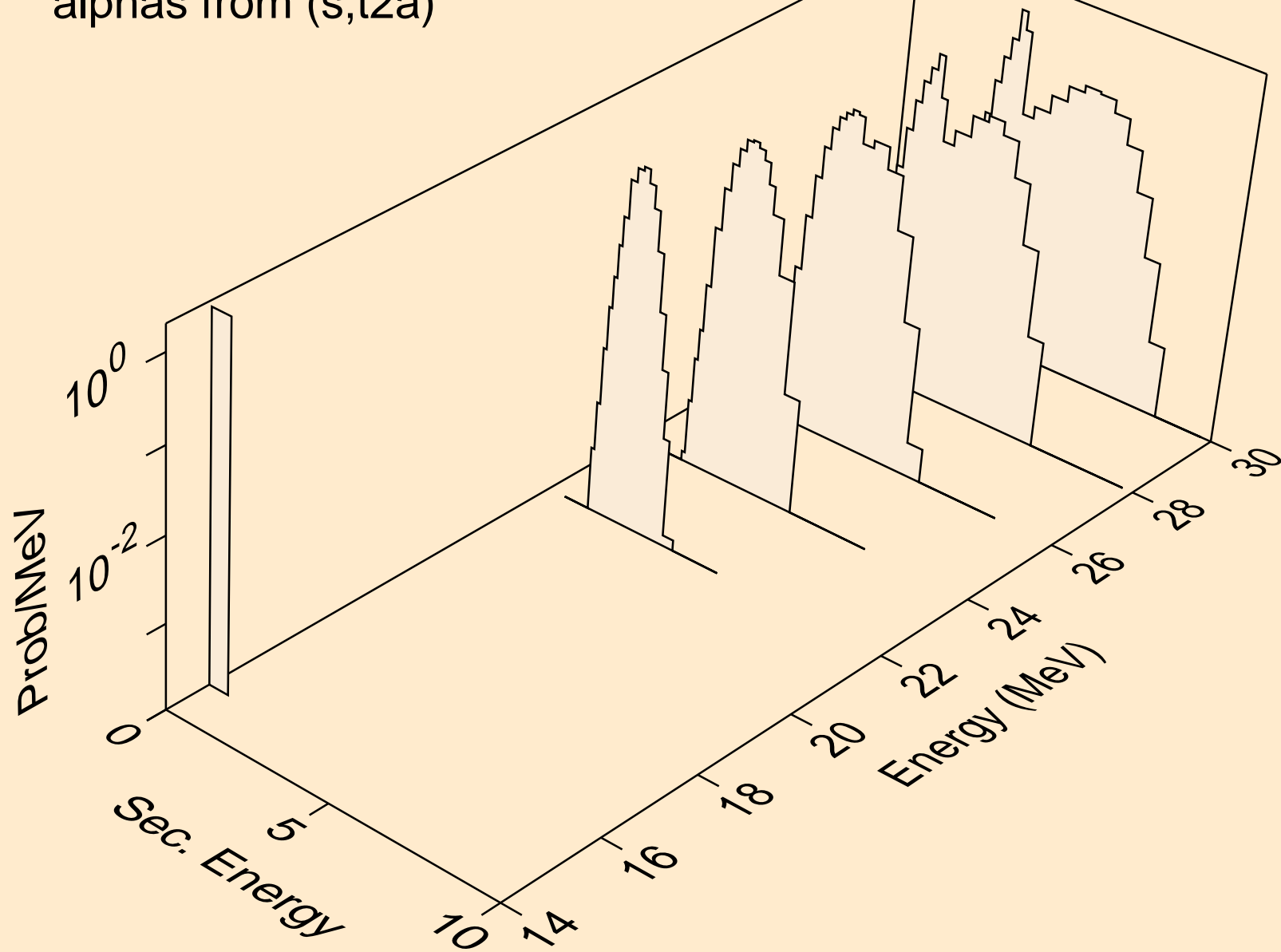
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alphas from (s,3a)



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,t2a)



CA045 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

