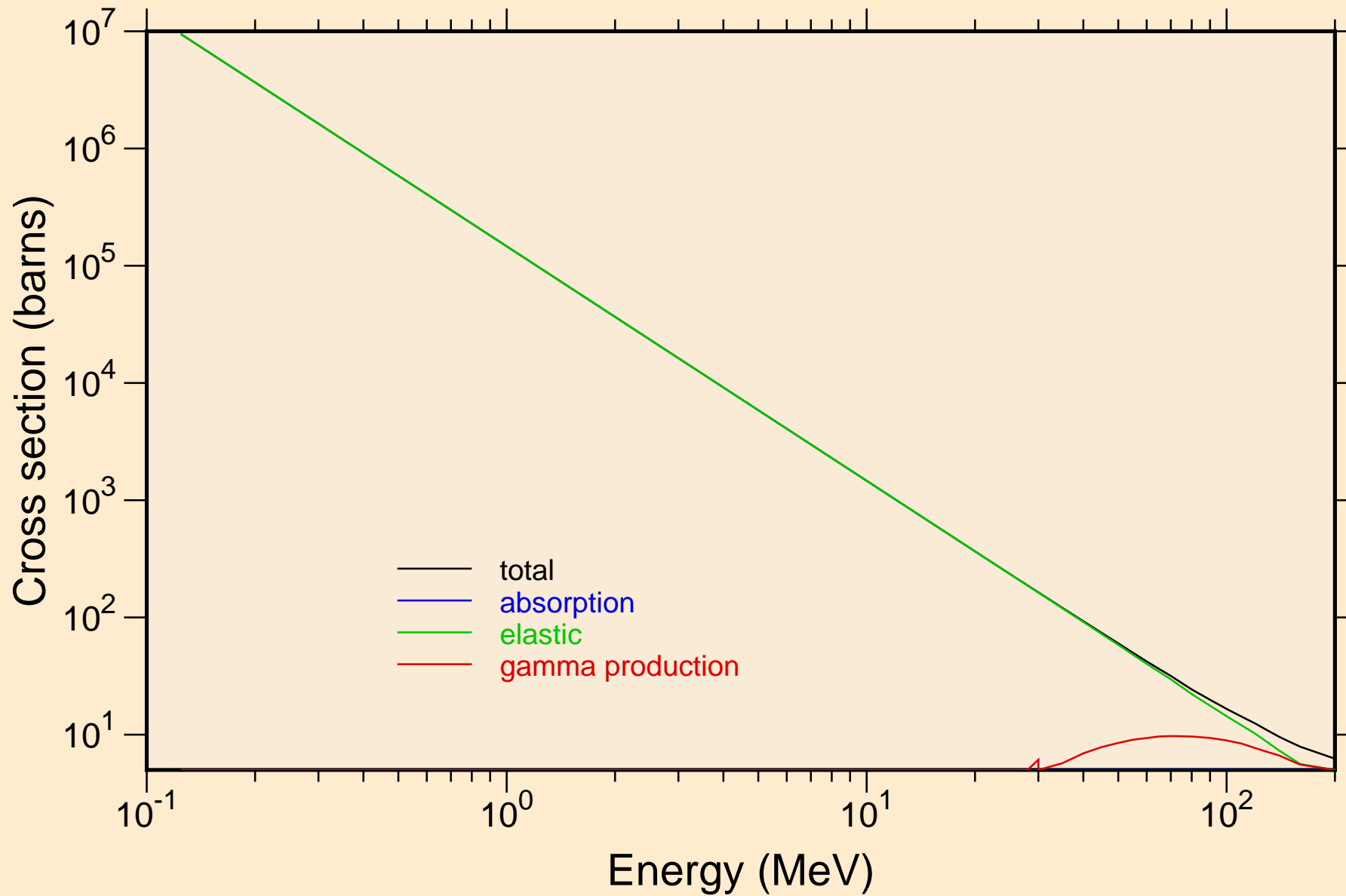


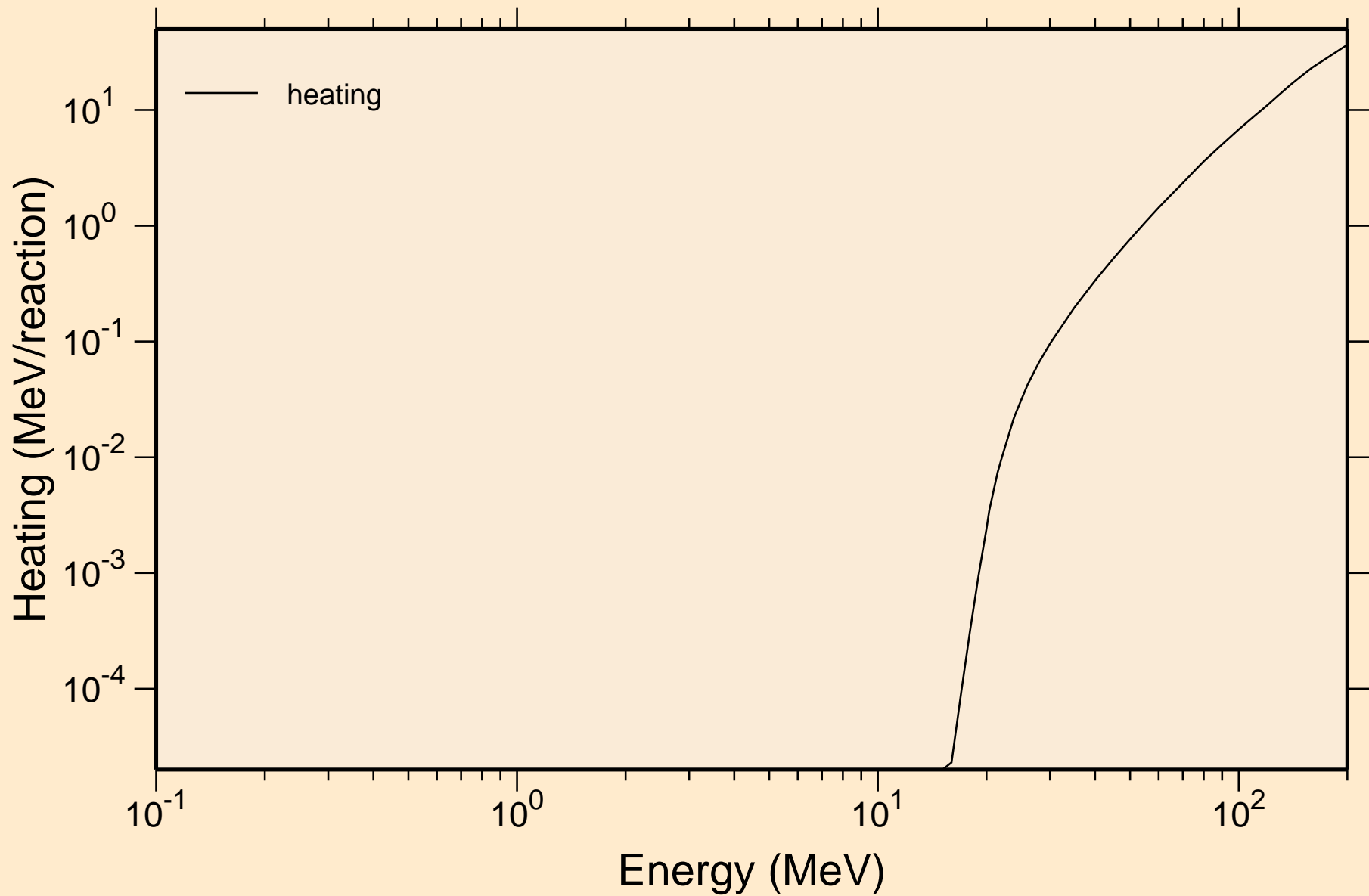
# OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



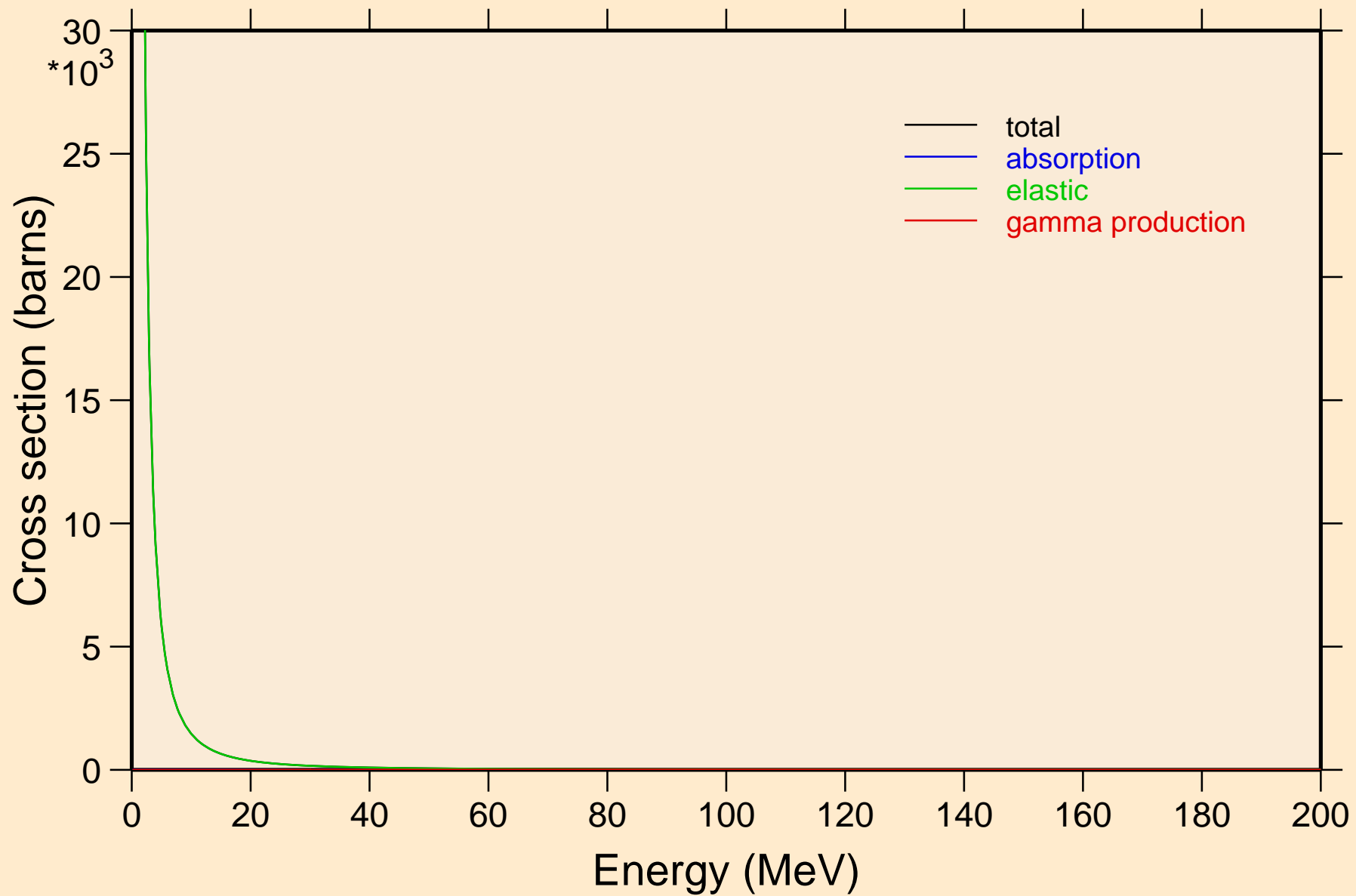
# OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



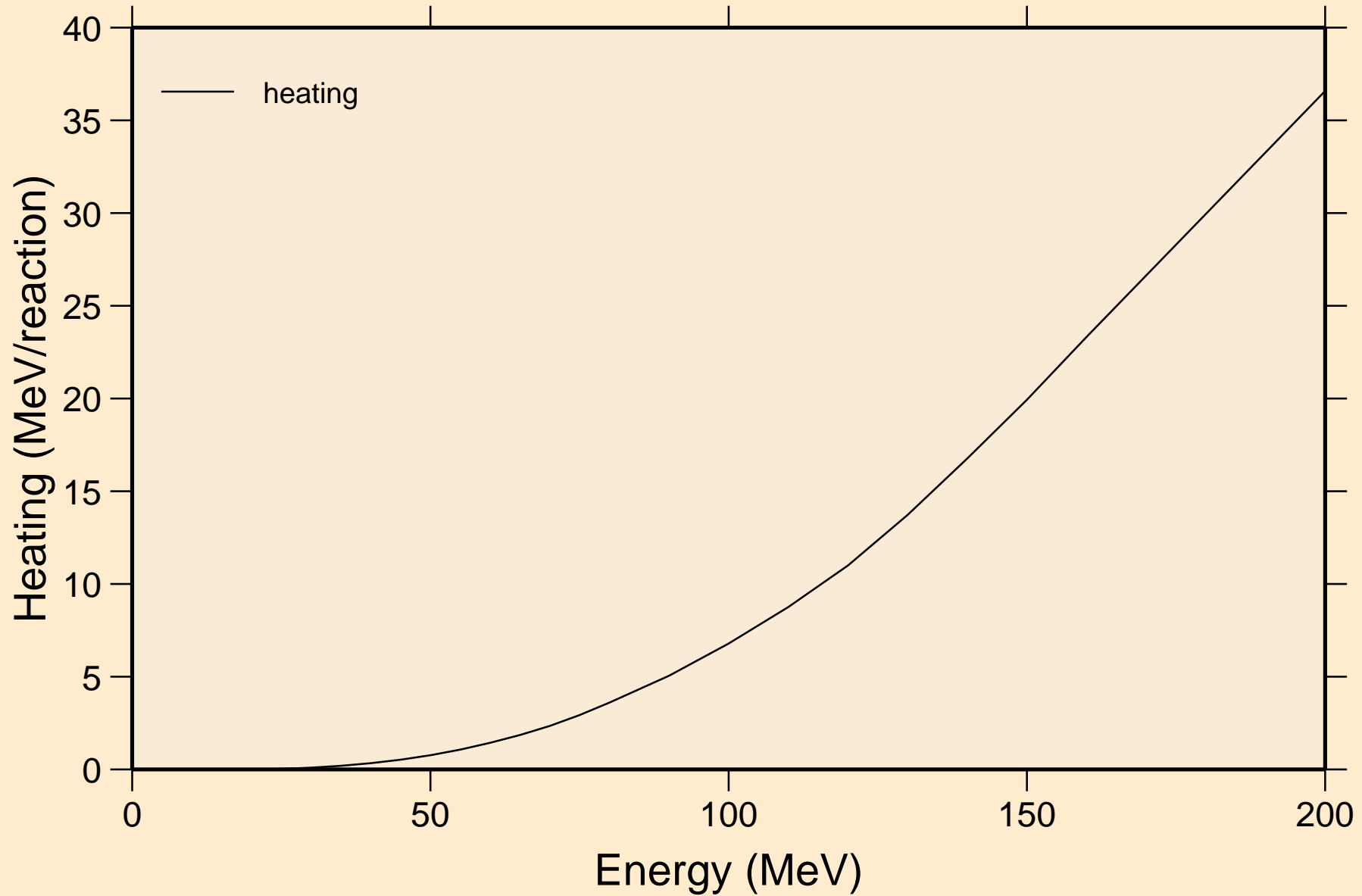
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## Principal cross sections



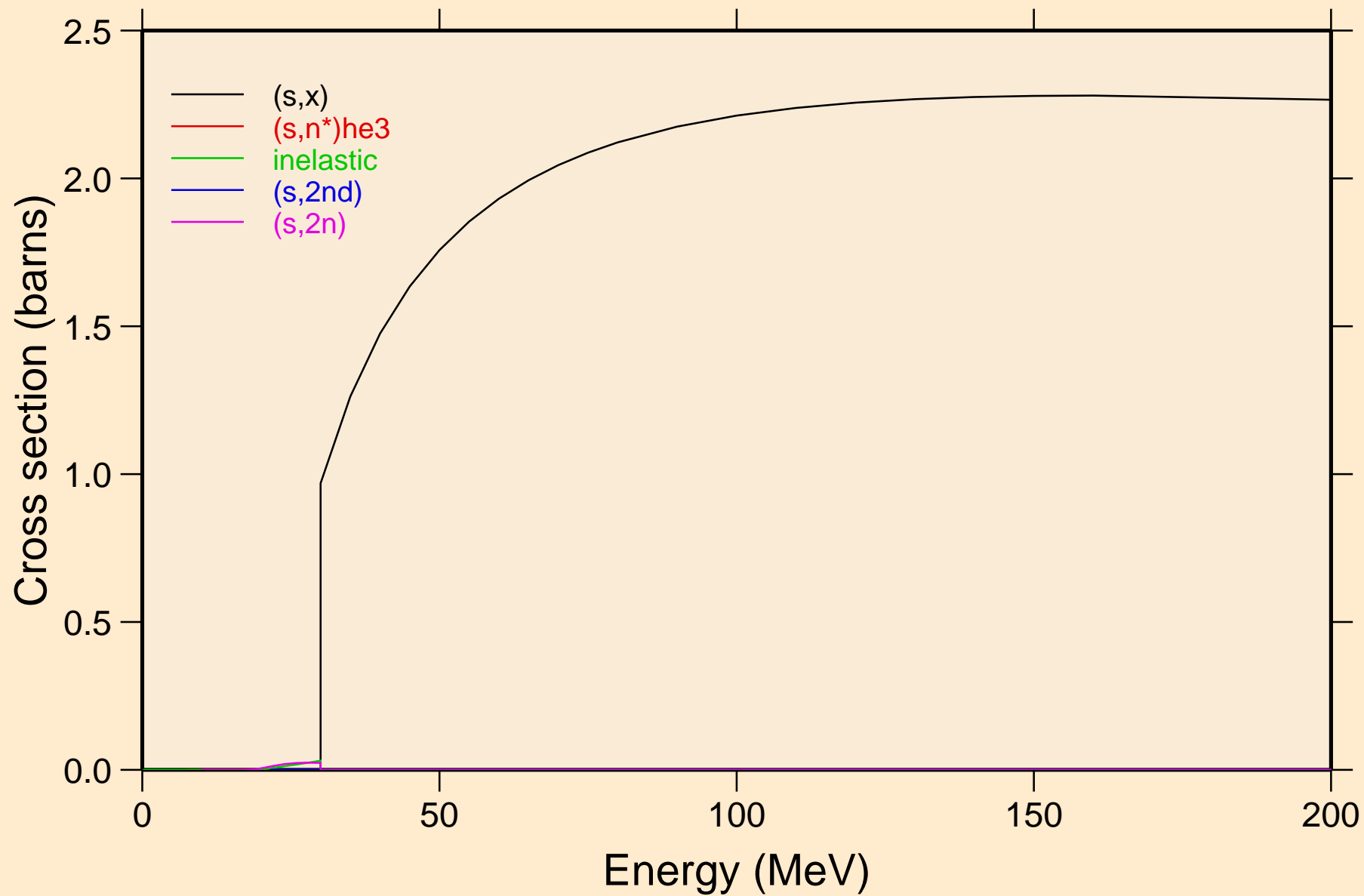
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## Heating

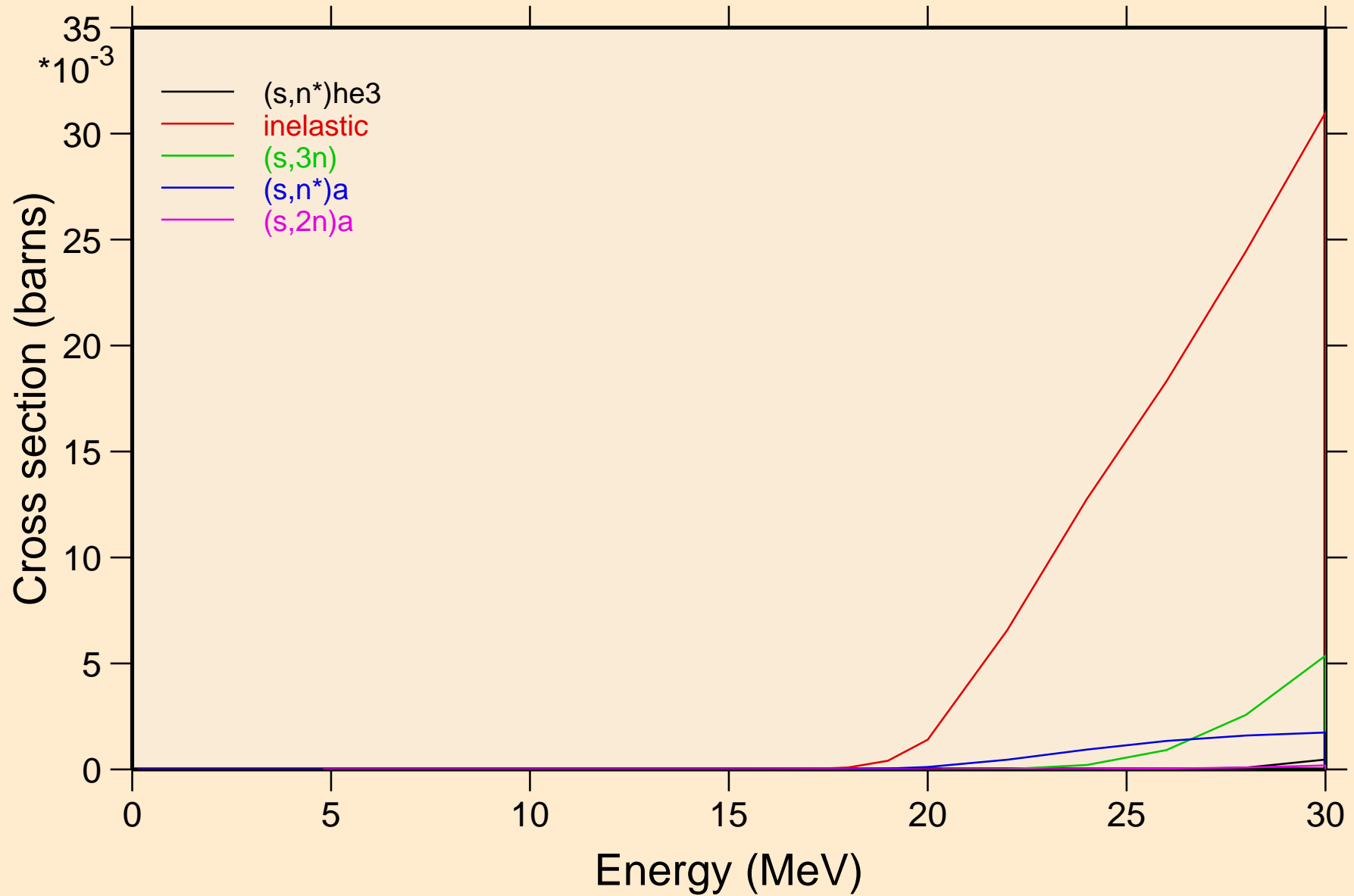


# OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K

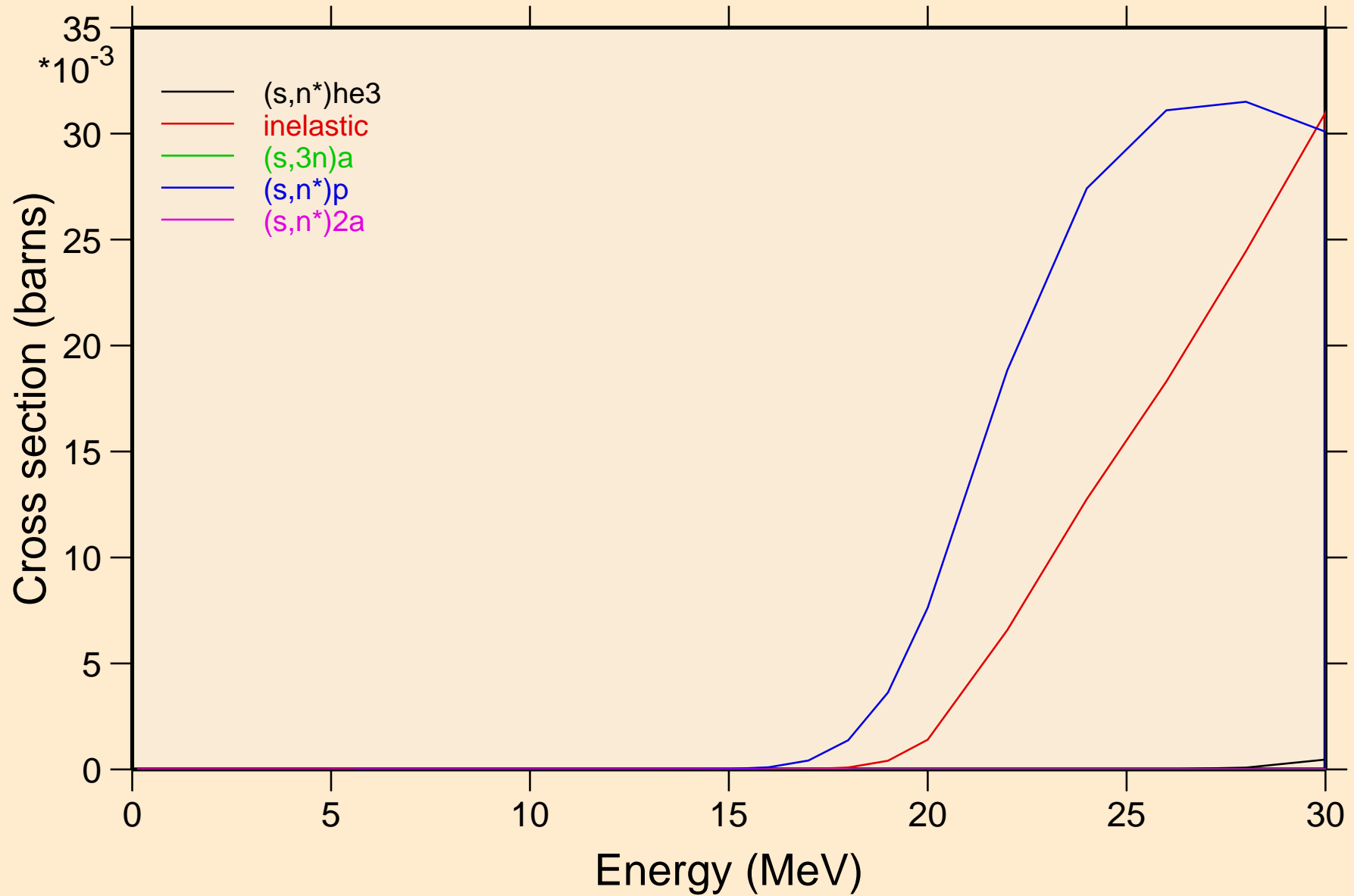
## Threshold reactions



OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

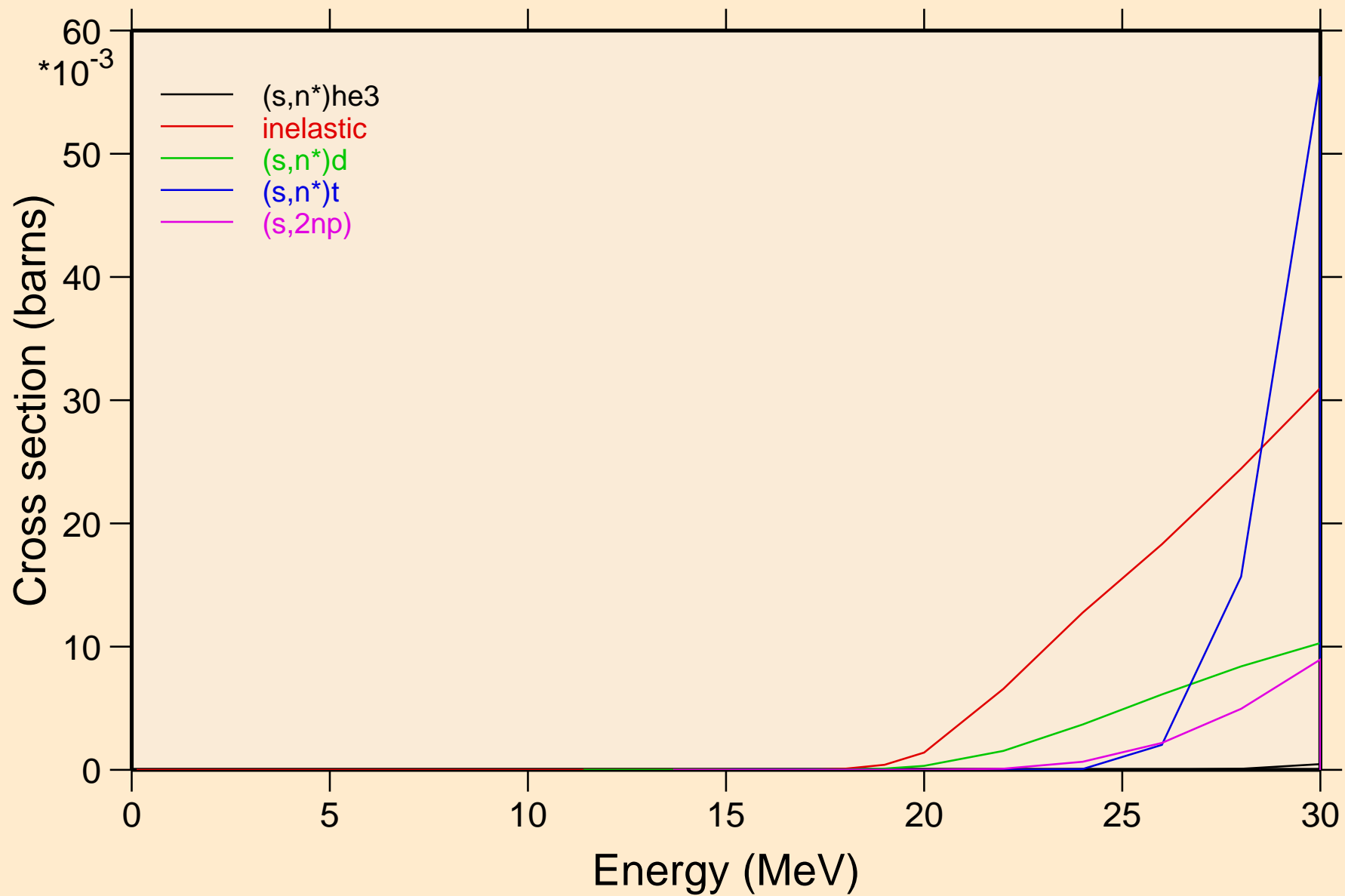


OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



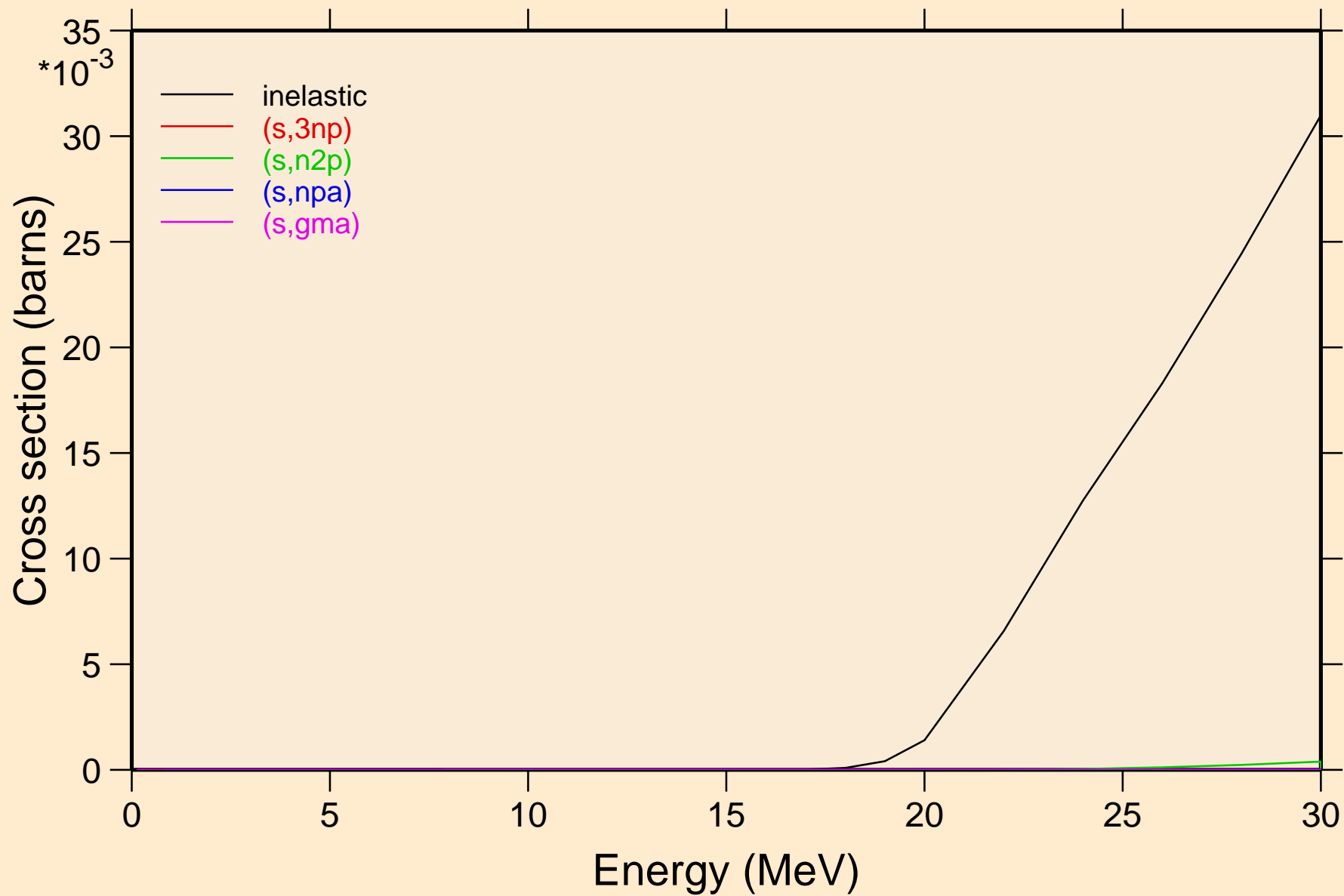
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## Threshold reactions

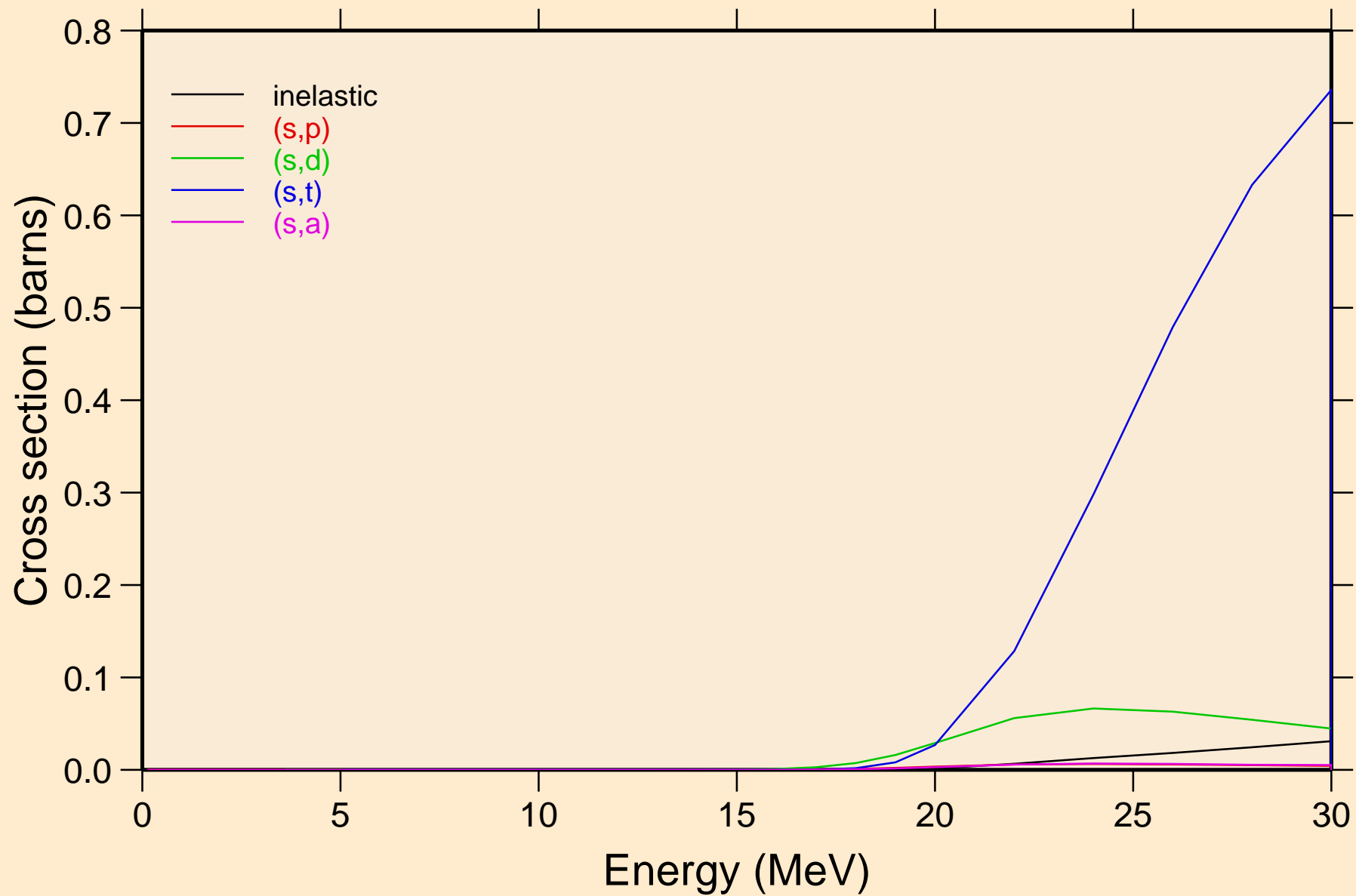




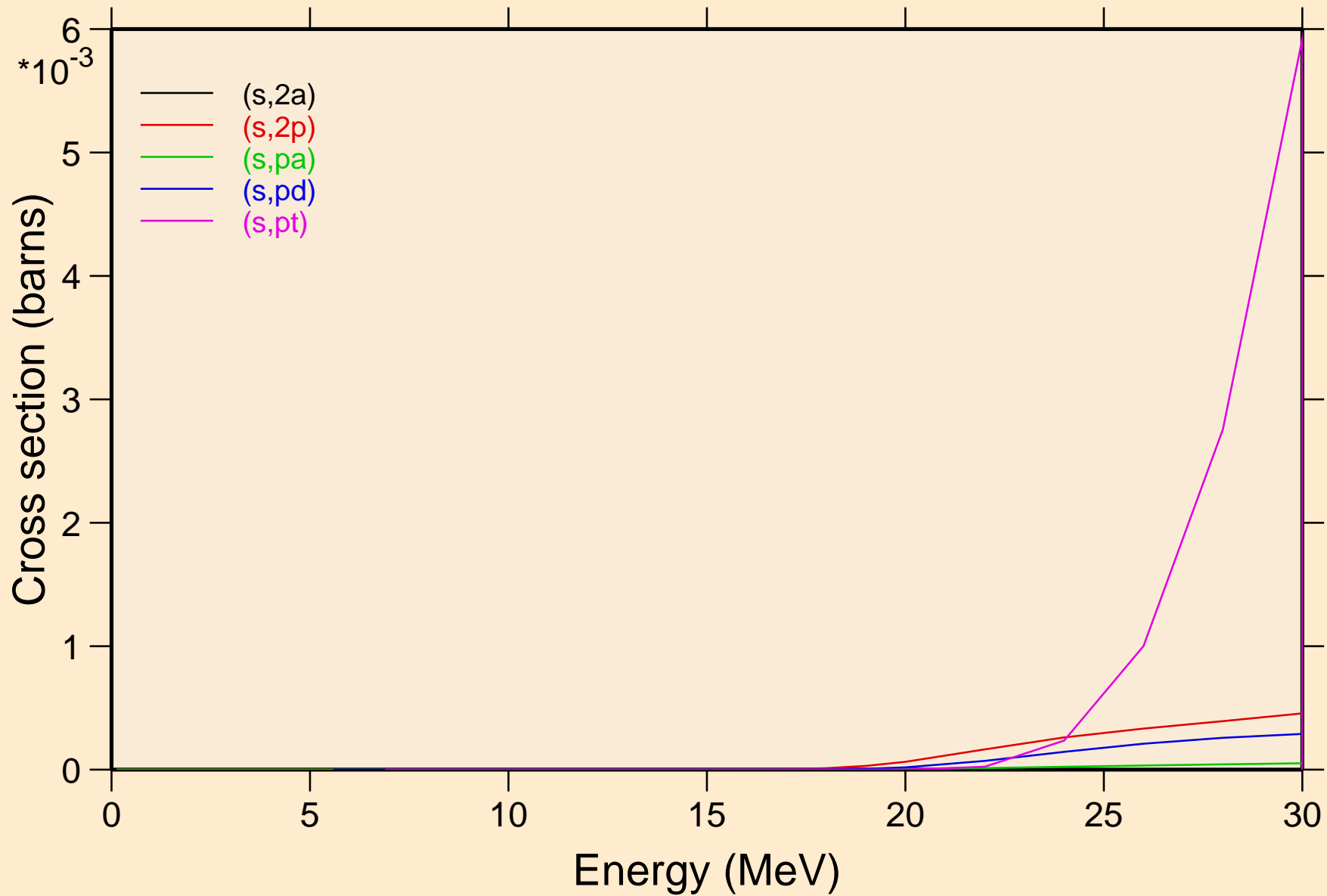
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



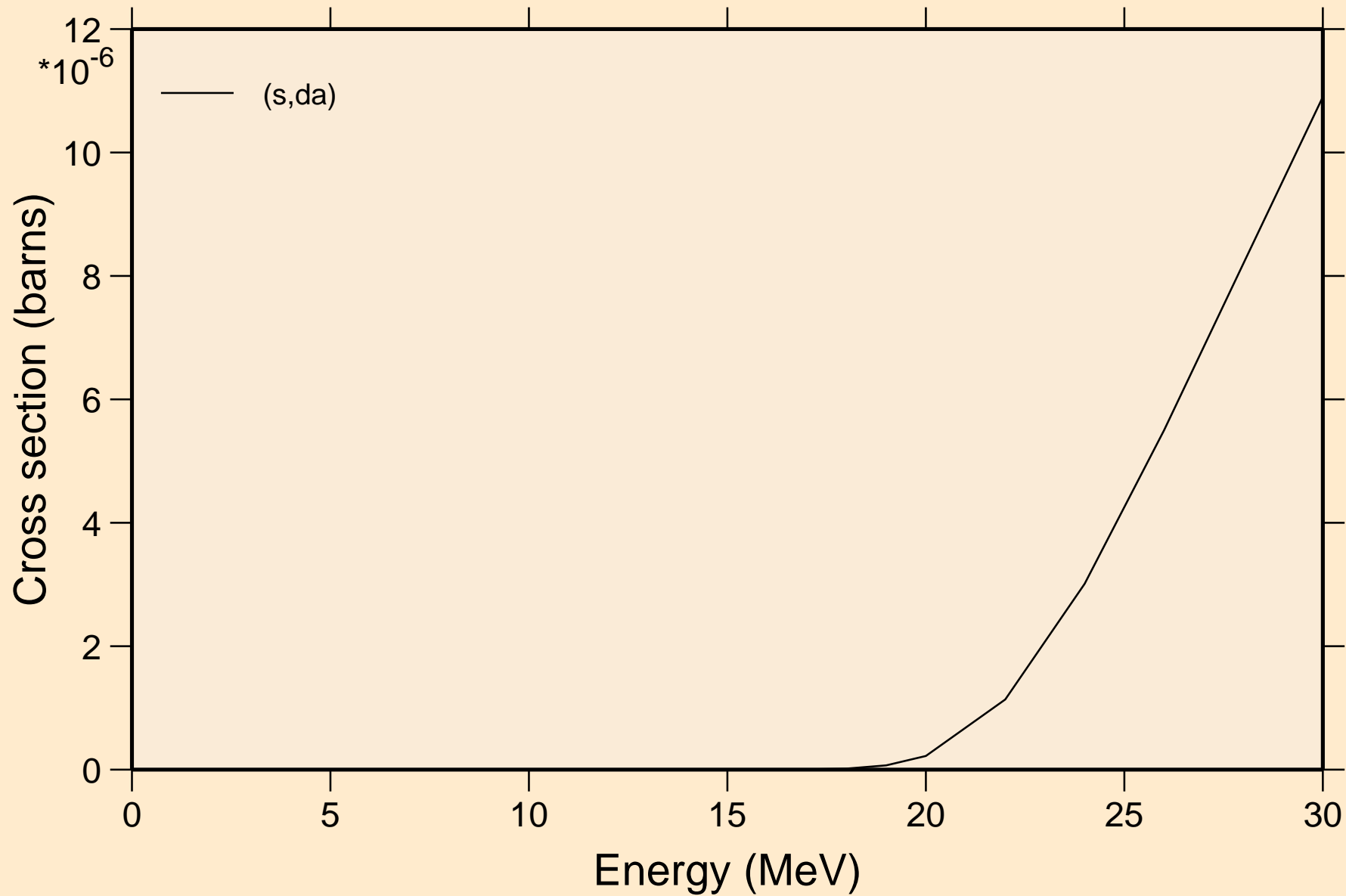
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Threshold reactions



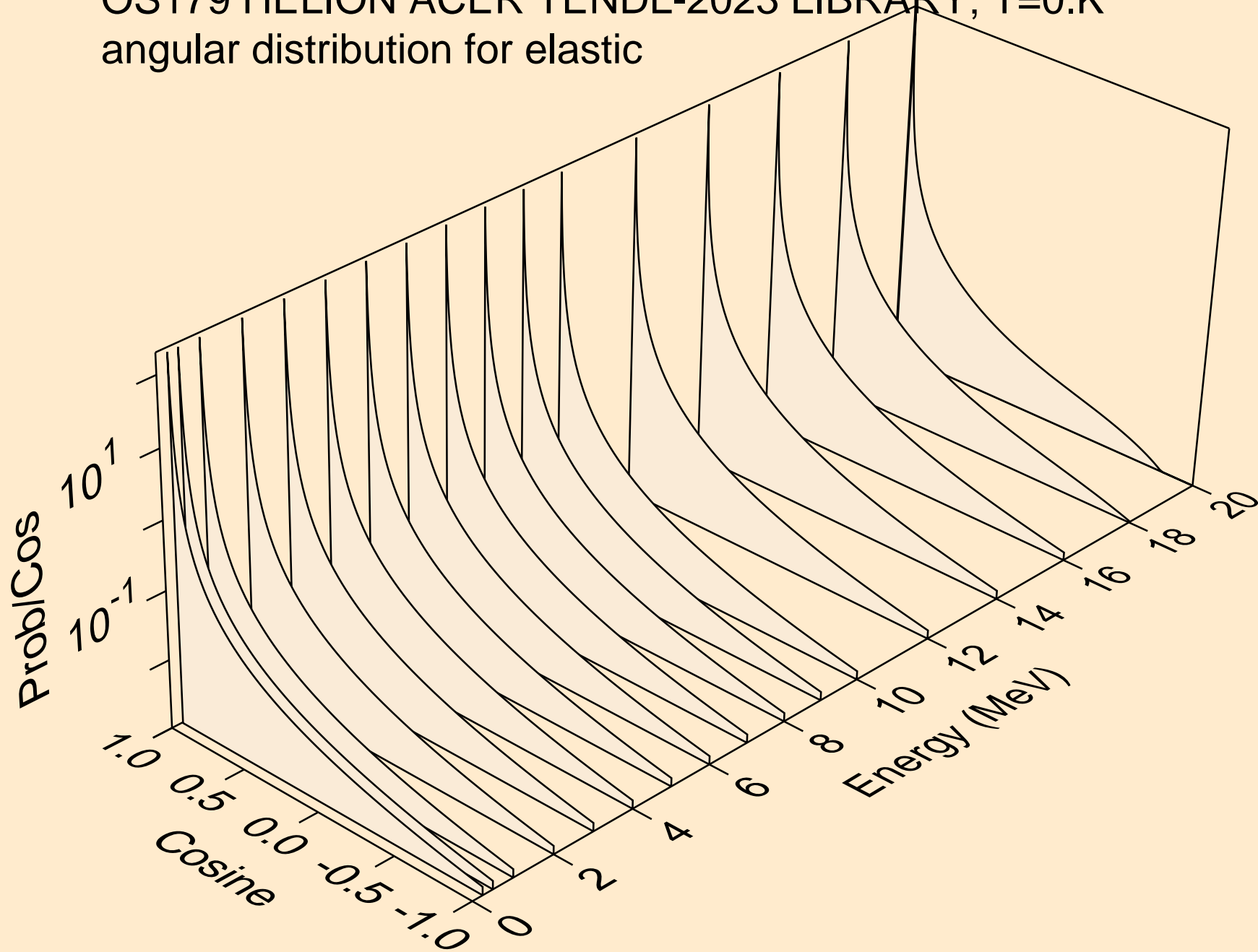
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Threshold reactions



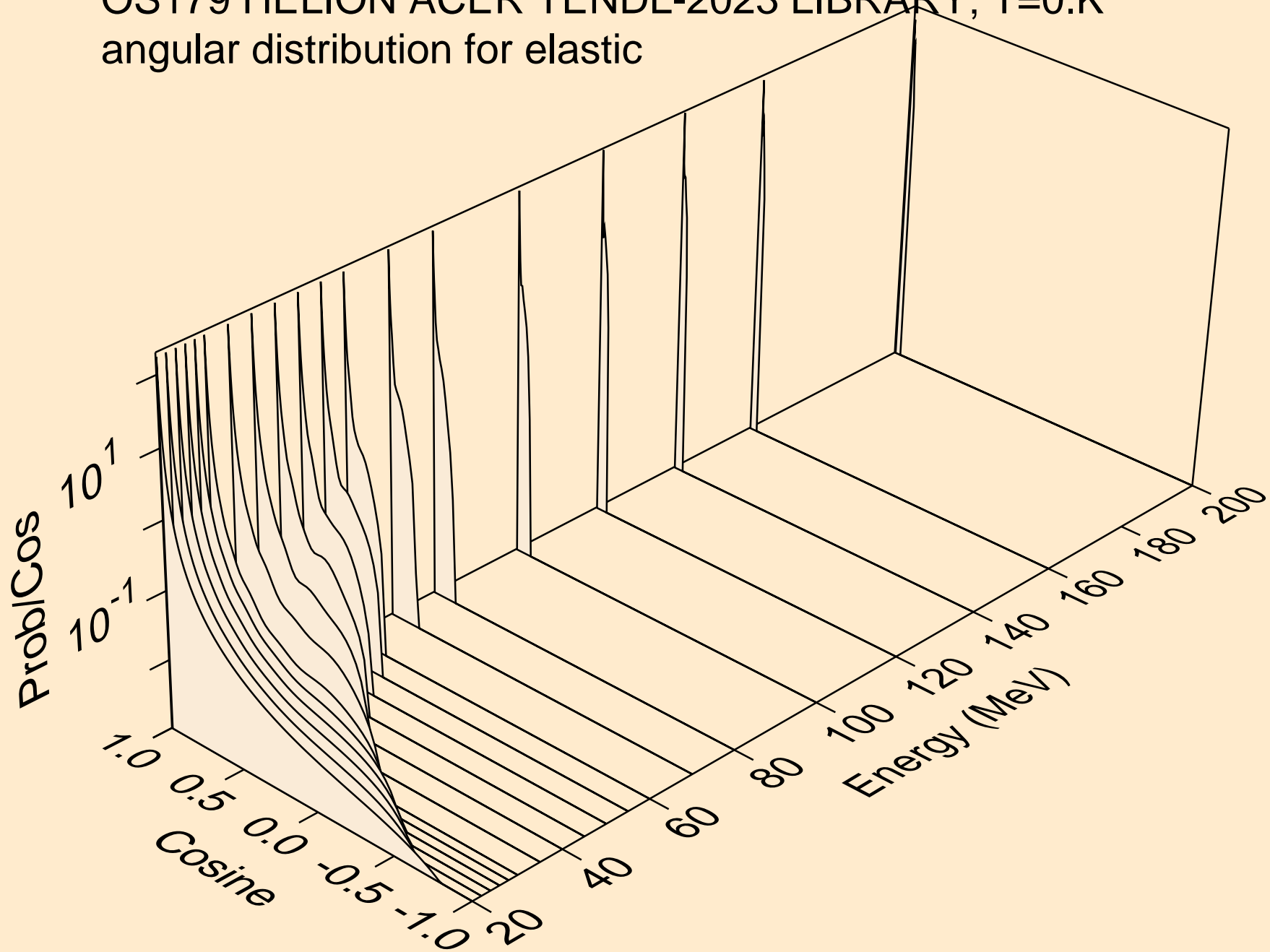
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Threshold reactions



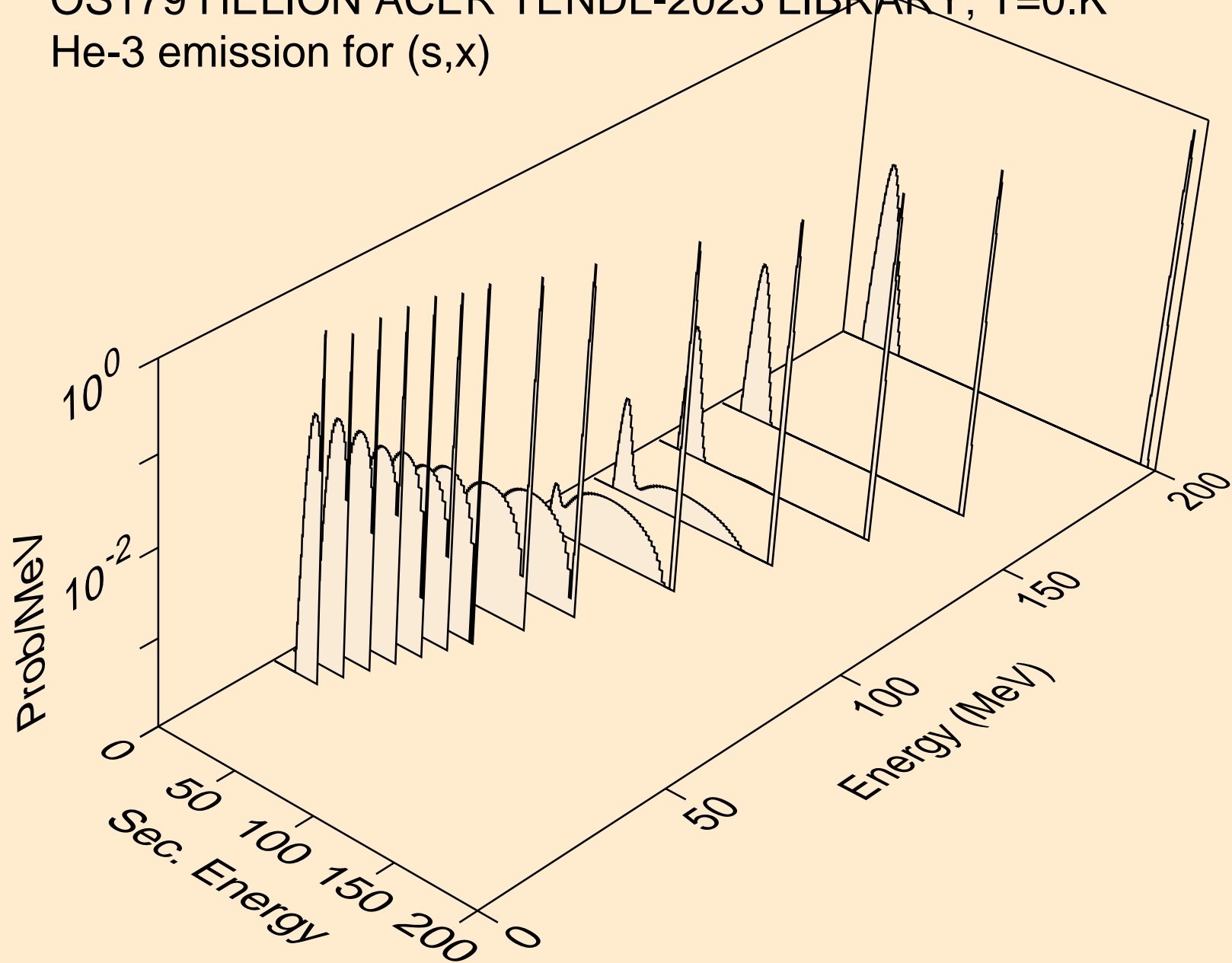
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



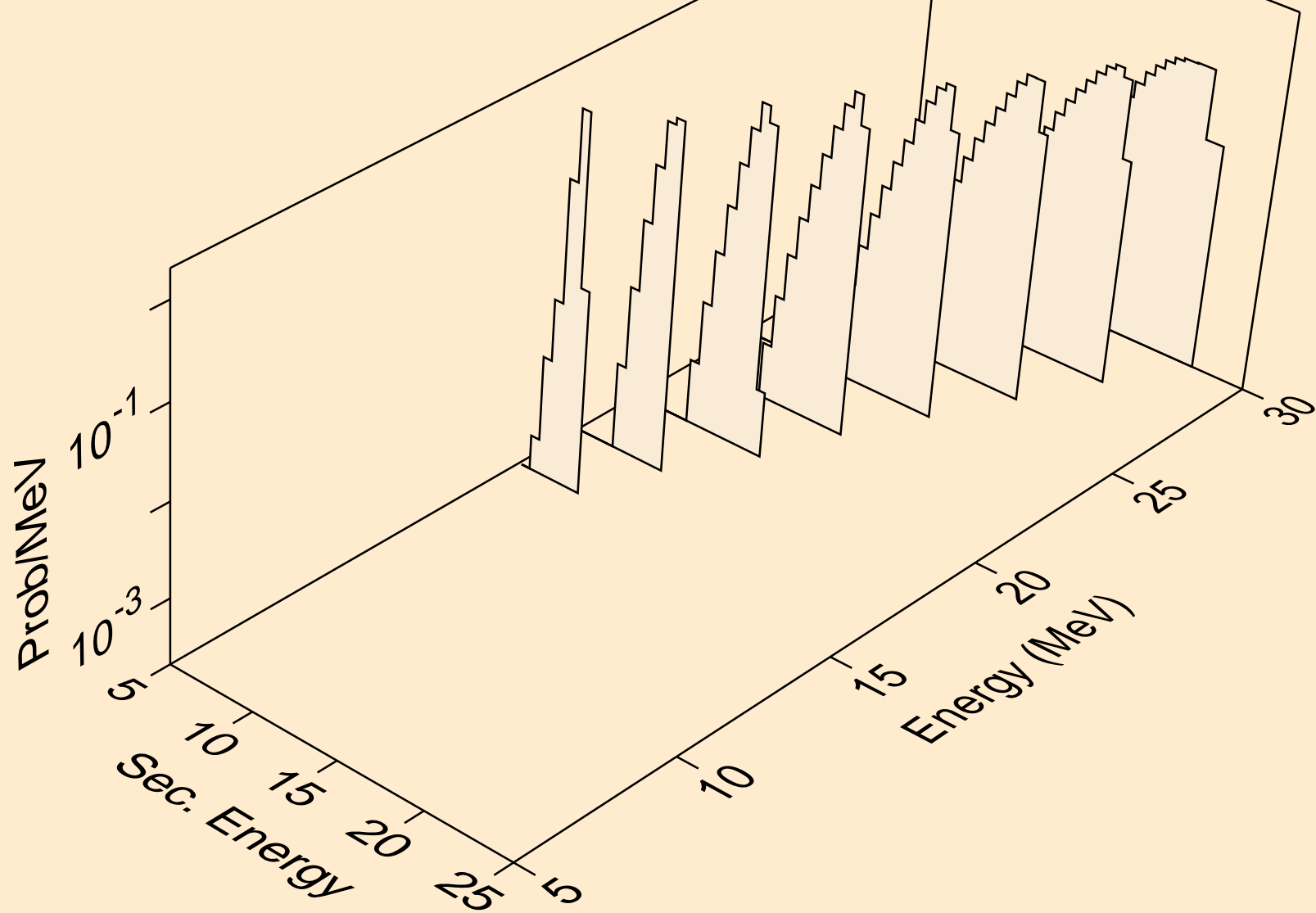
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

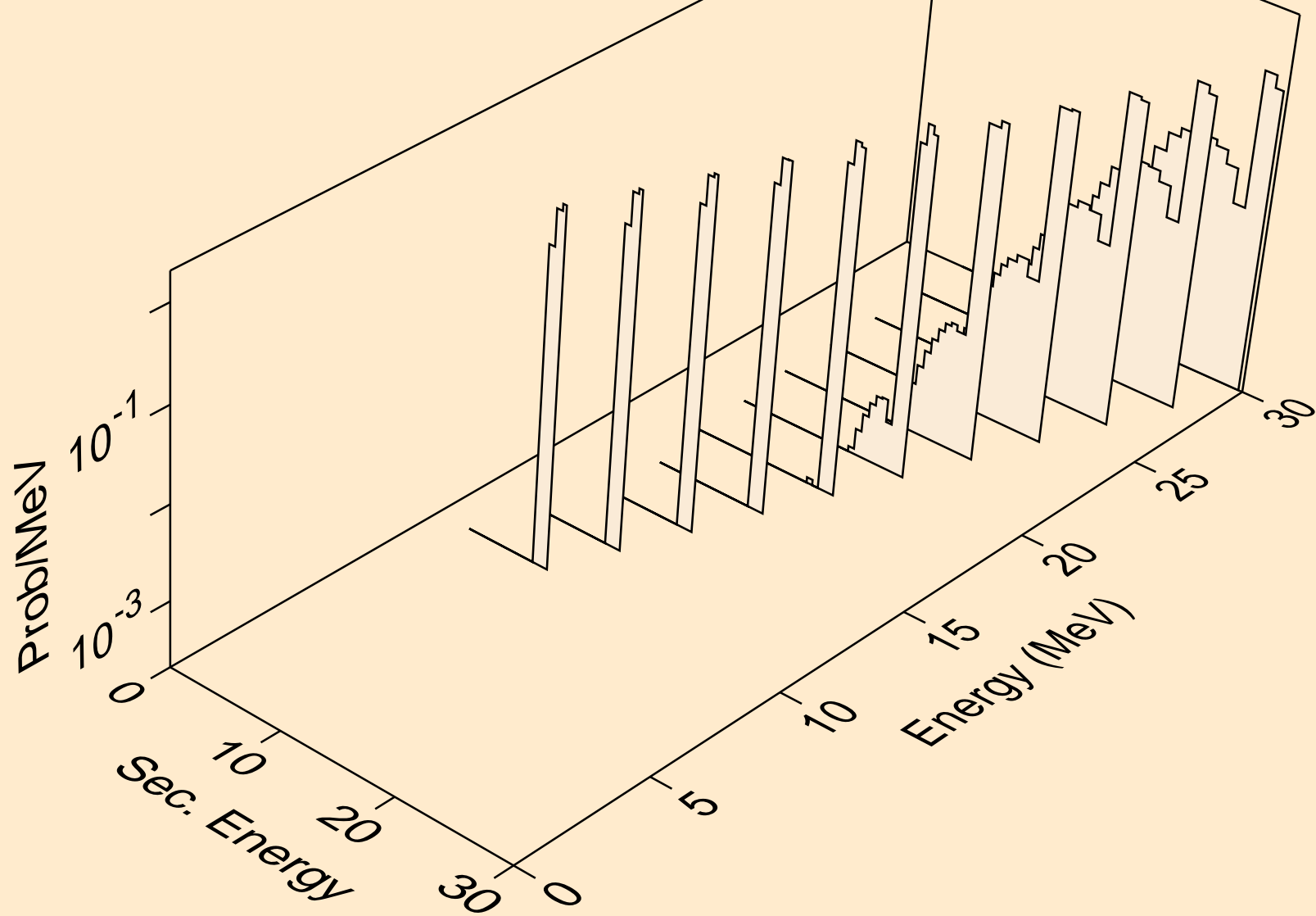


OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

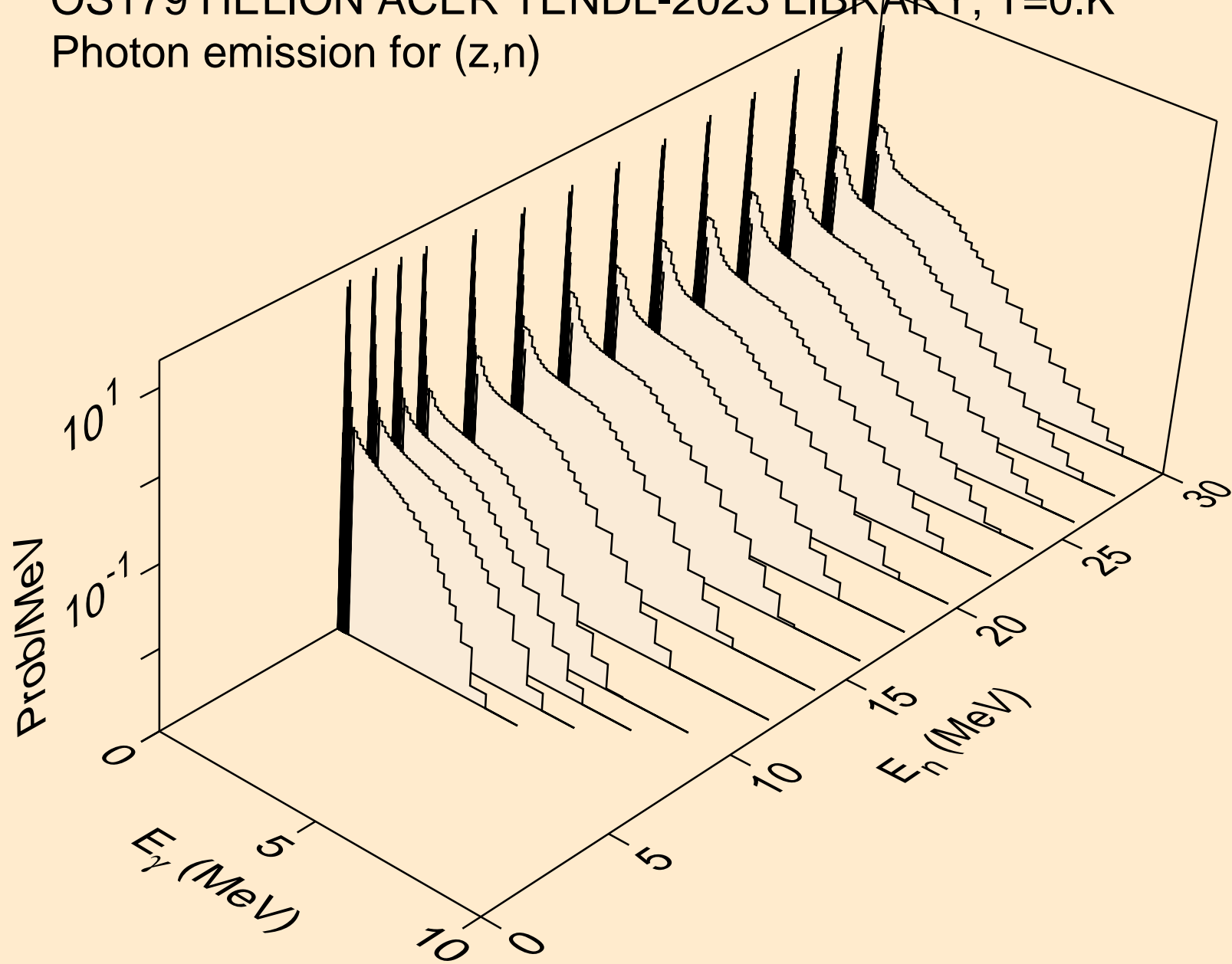




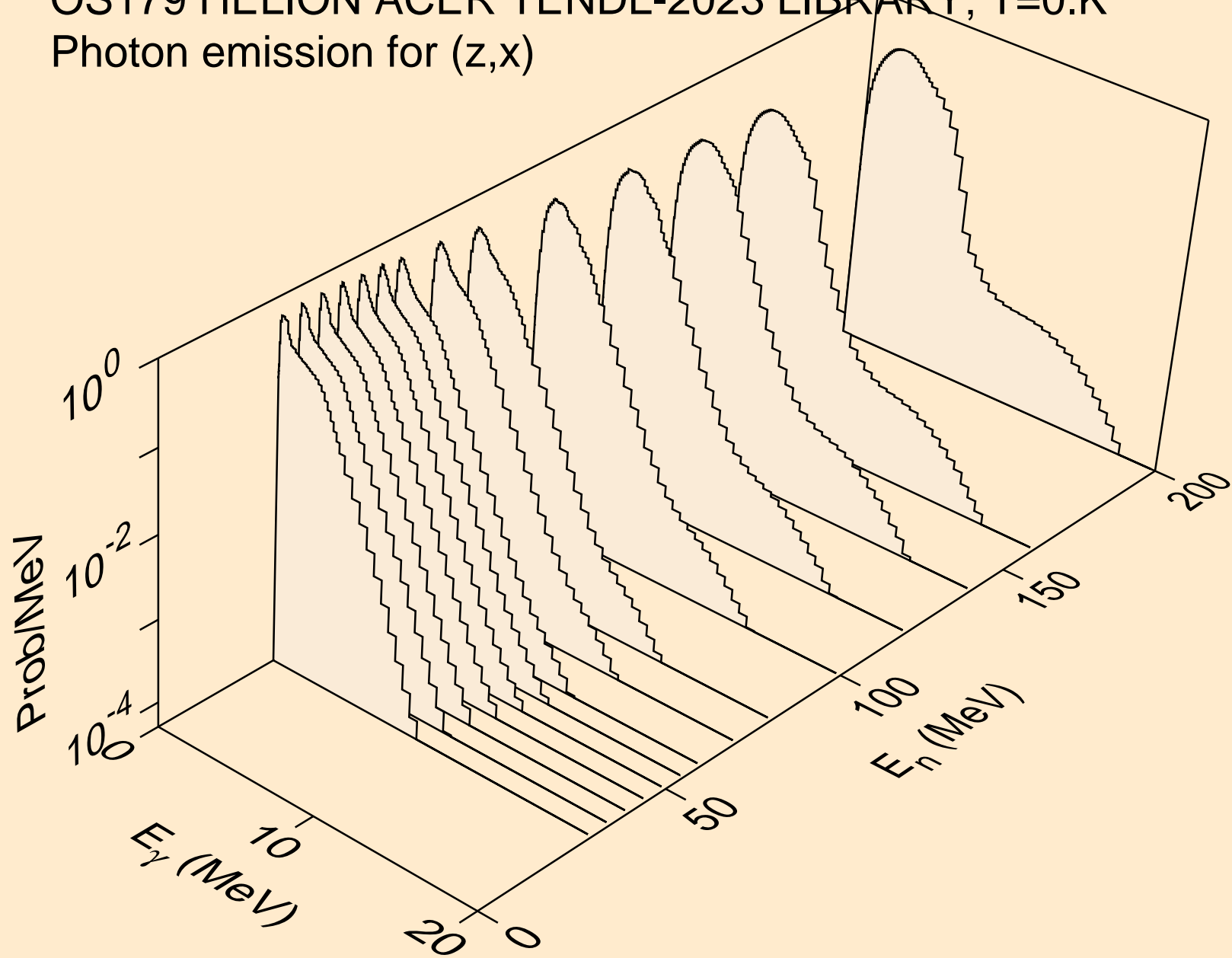
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



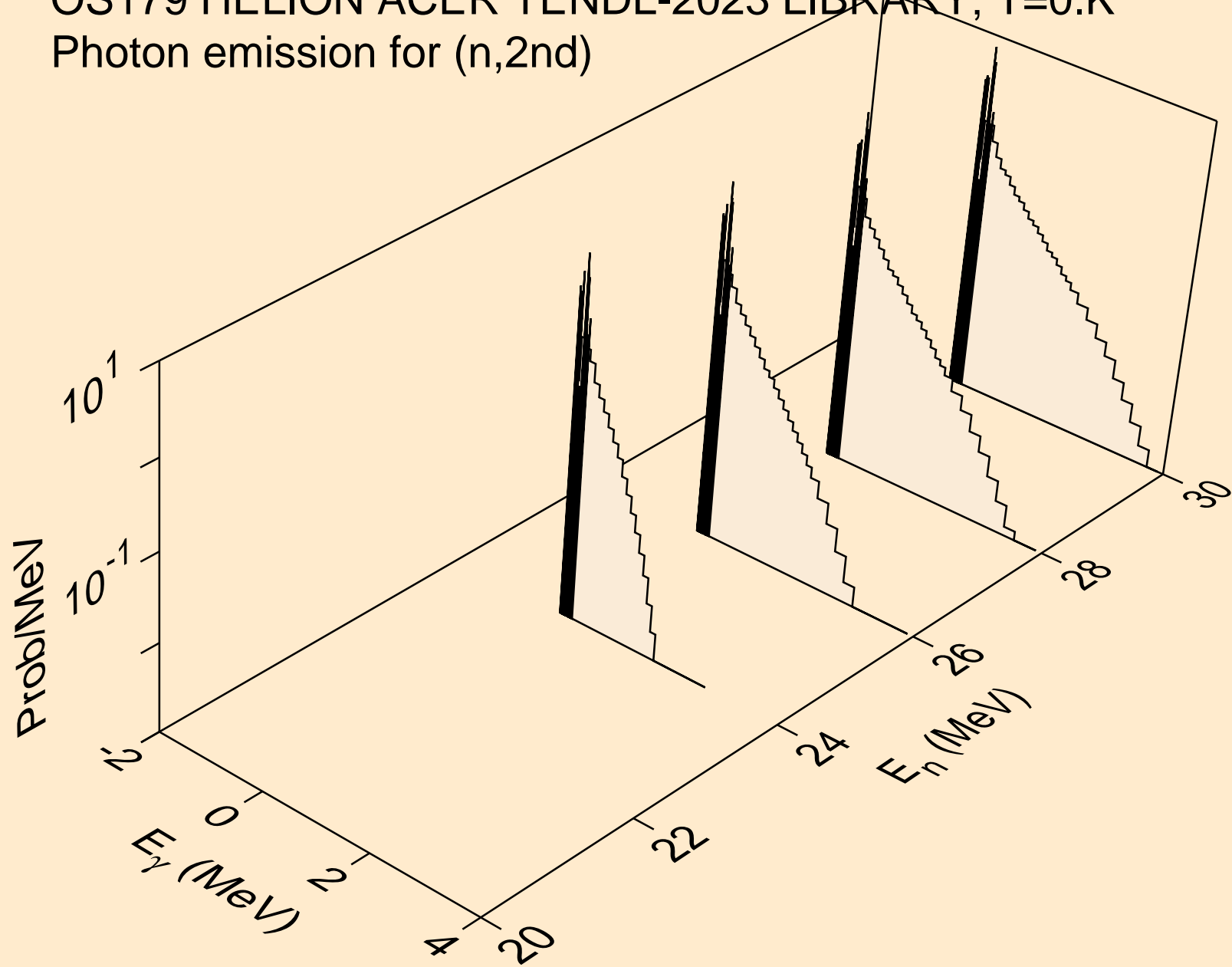
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



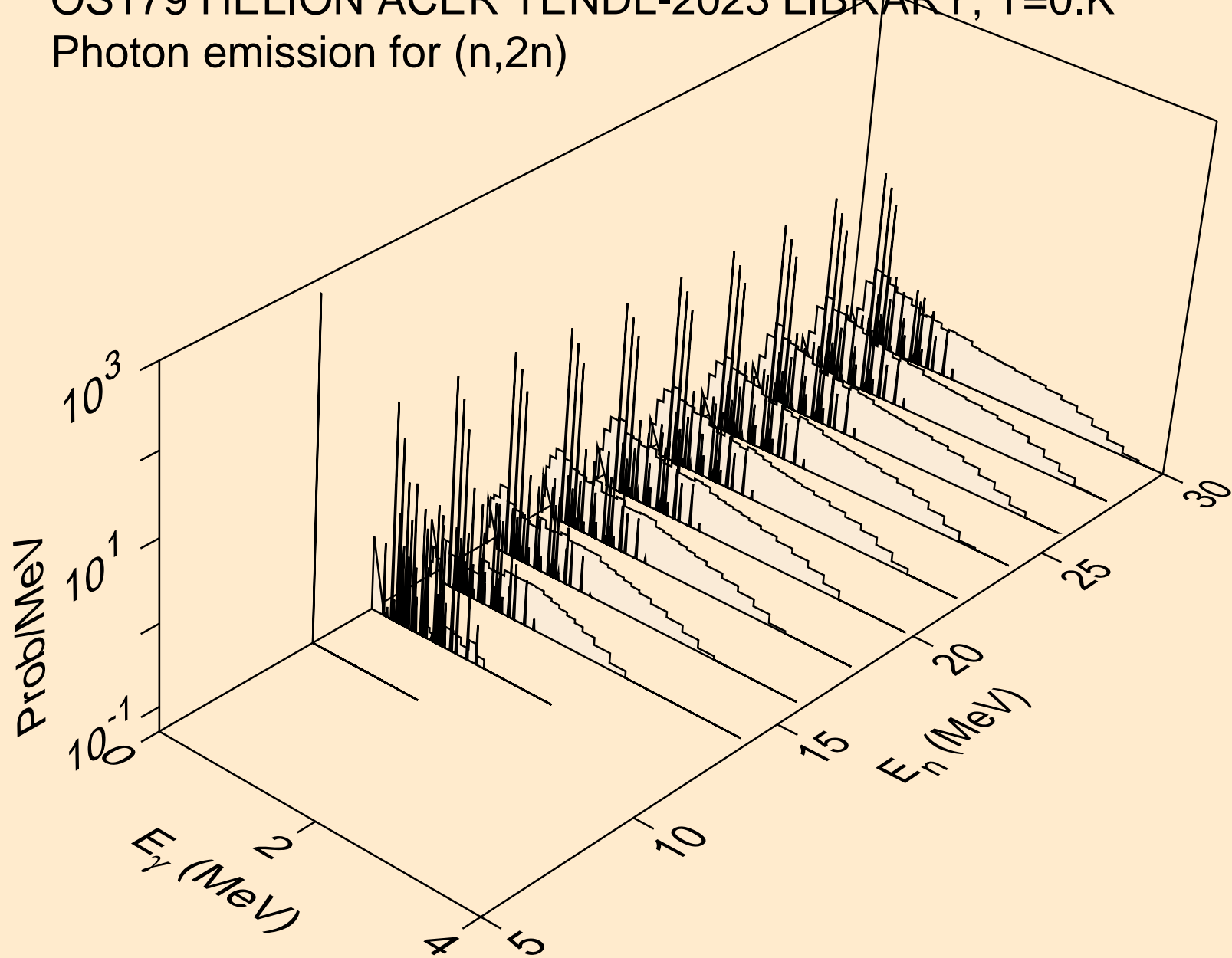
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



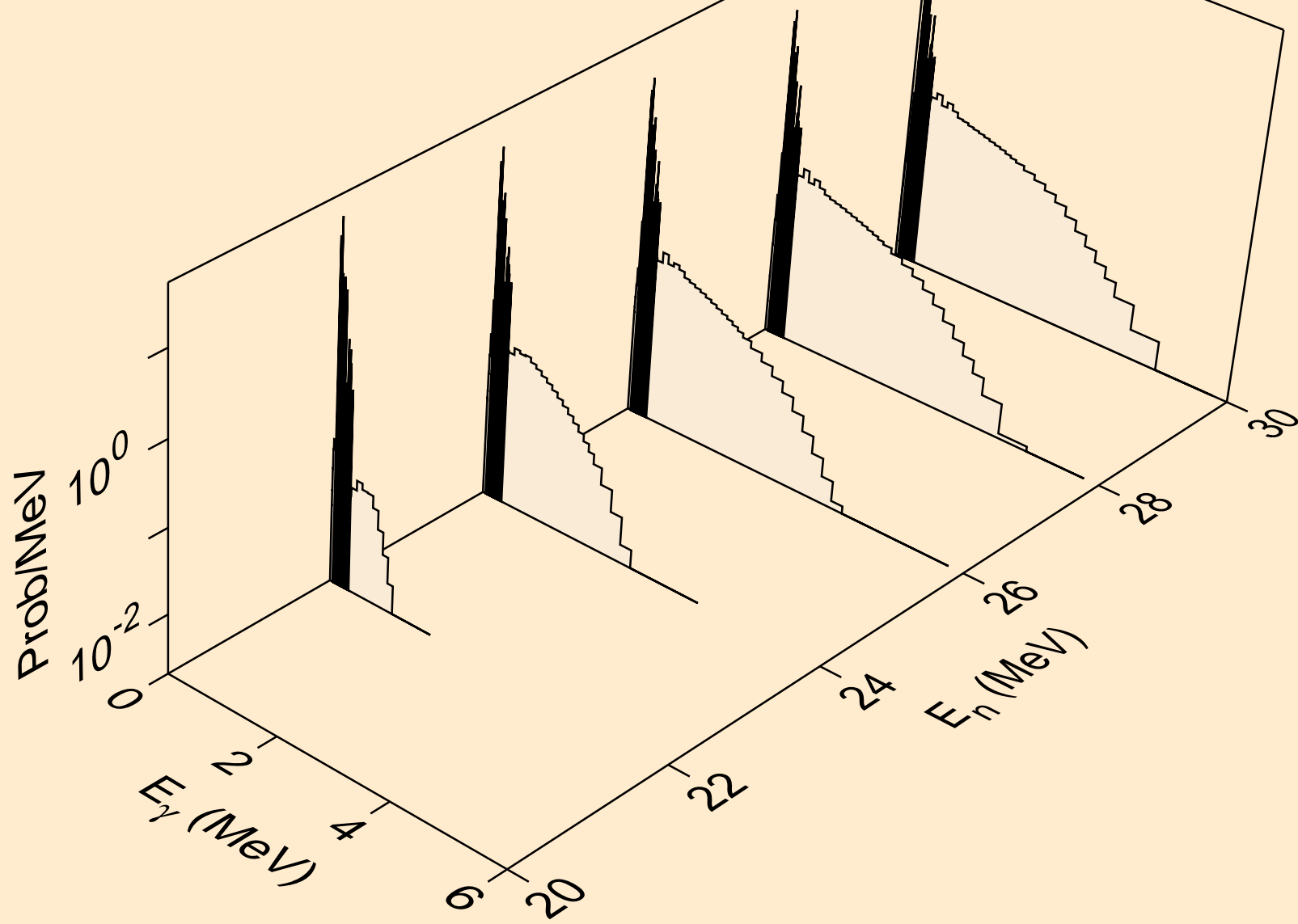
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



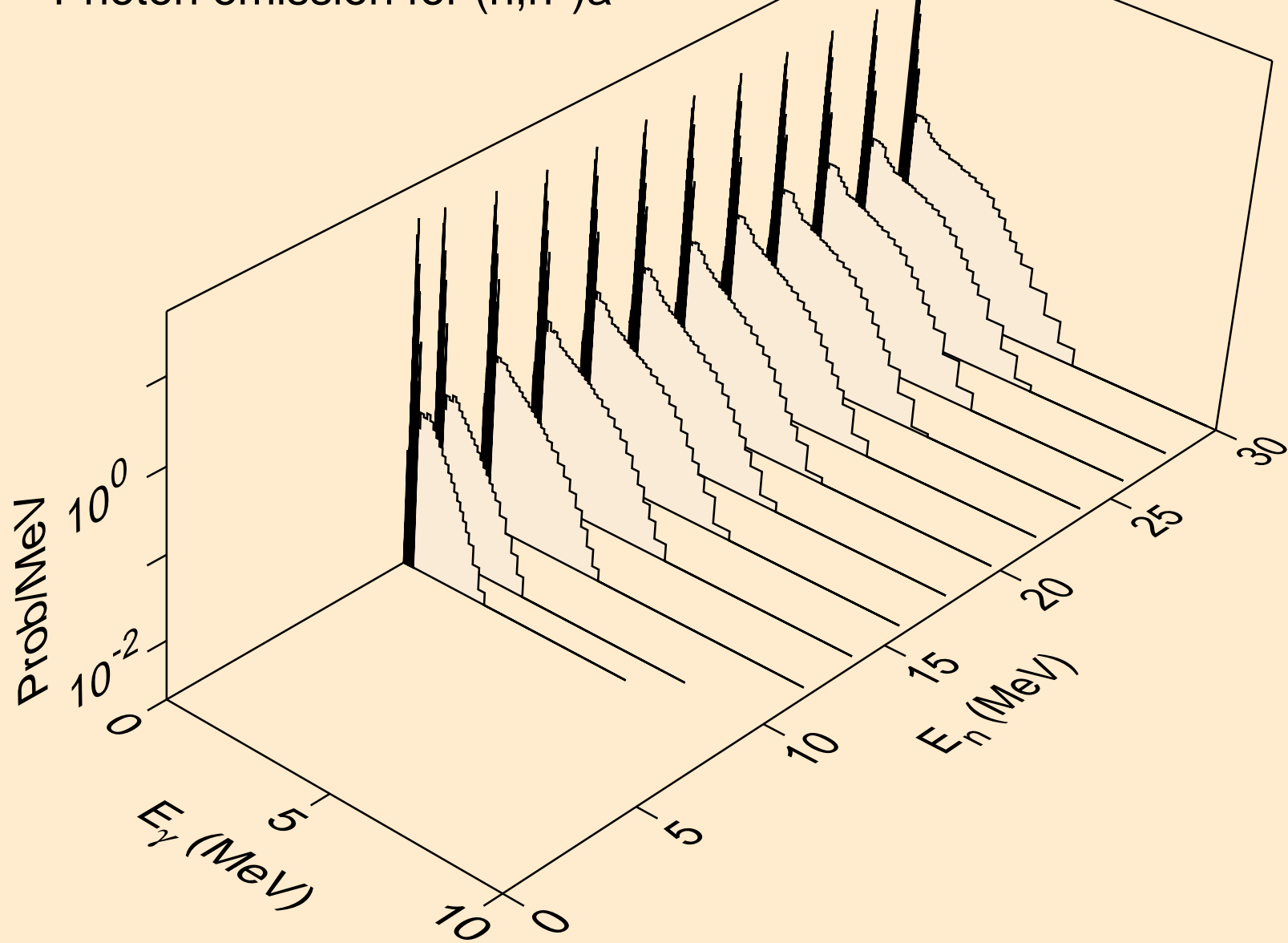
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



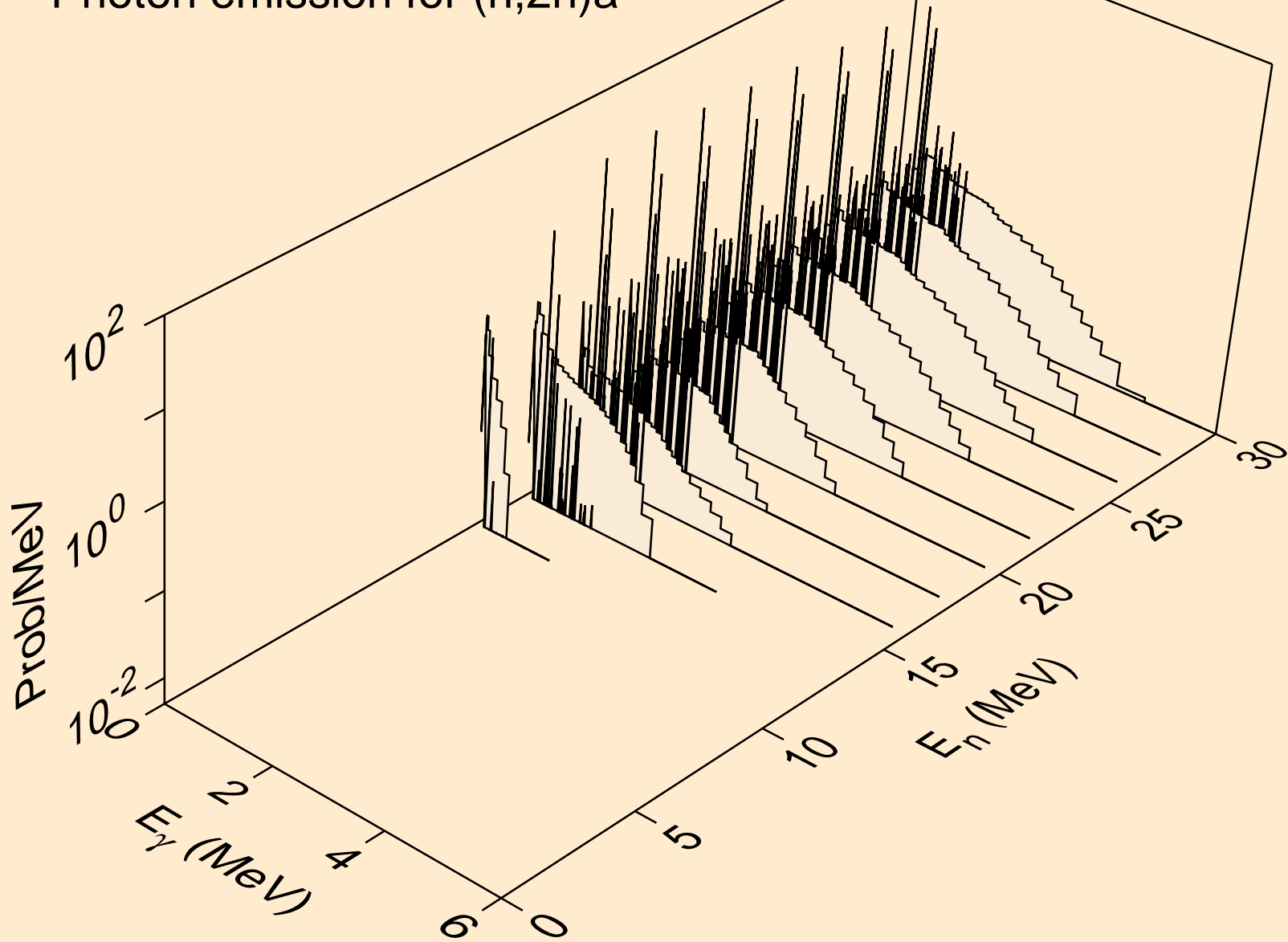
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

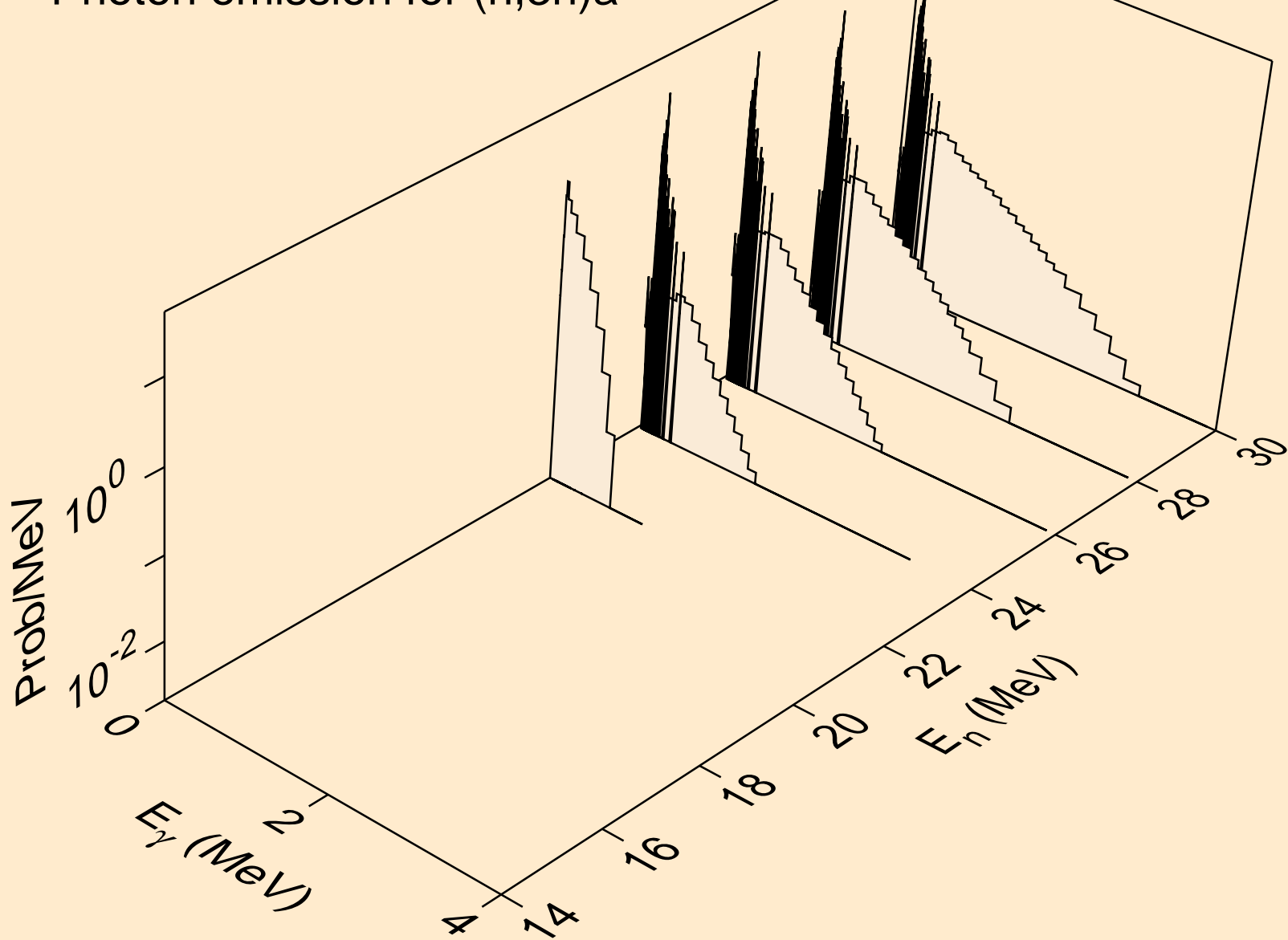


OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

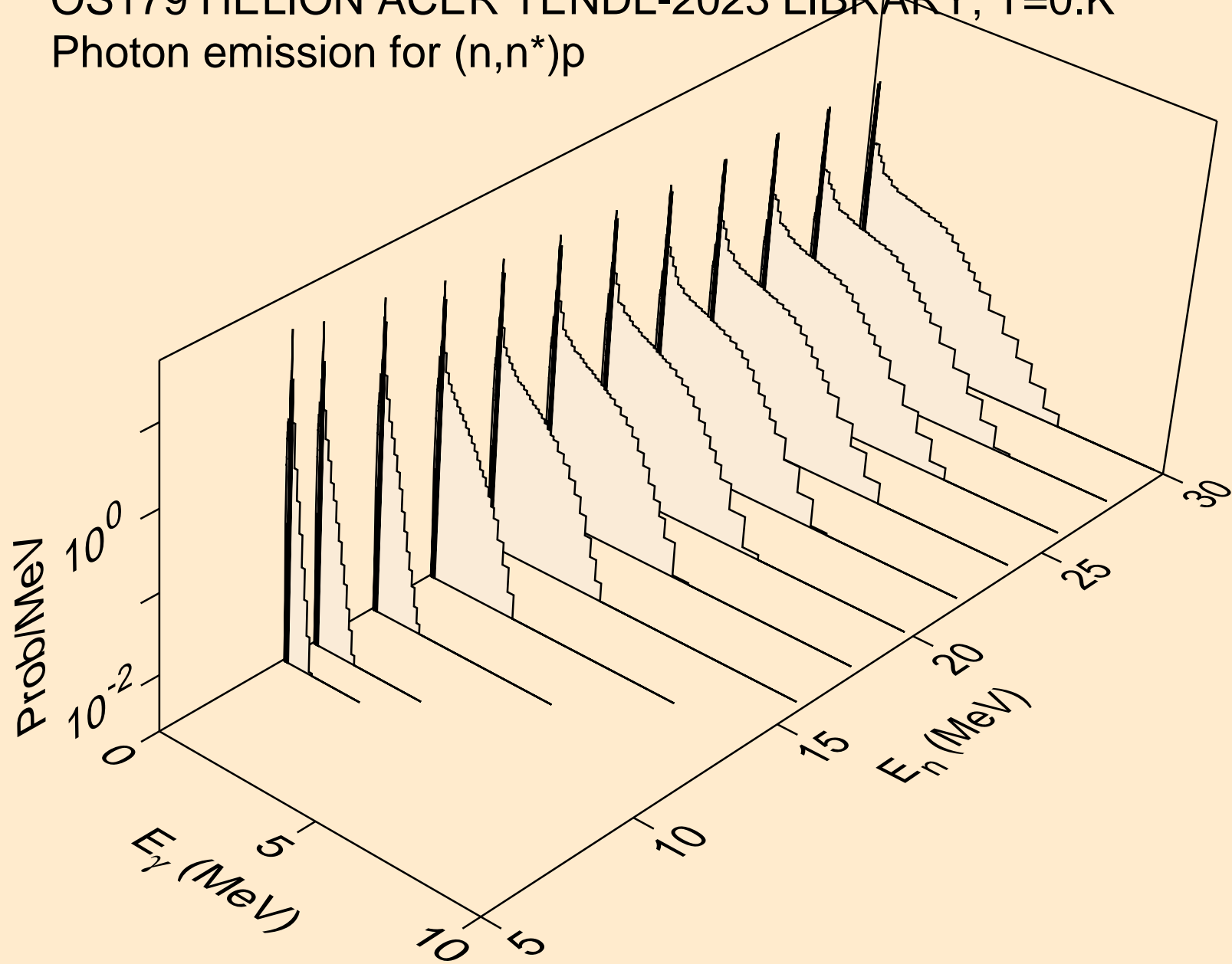




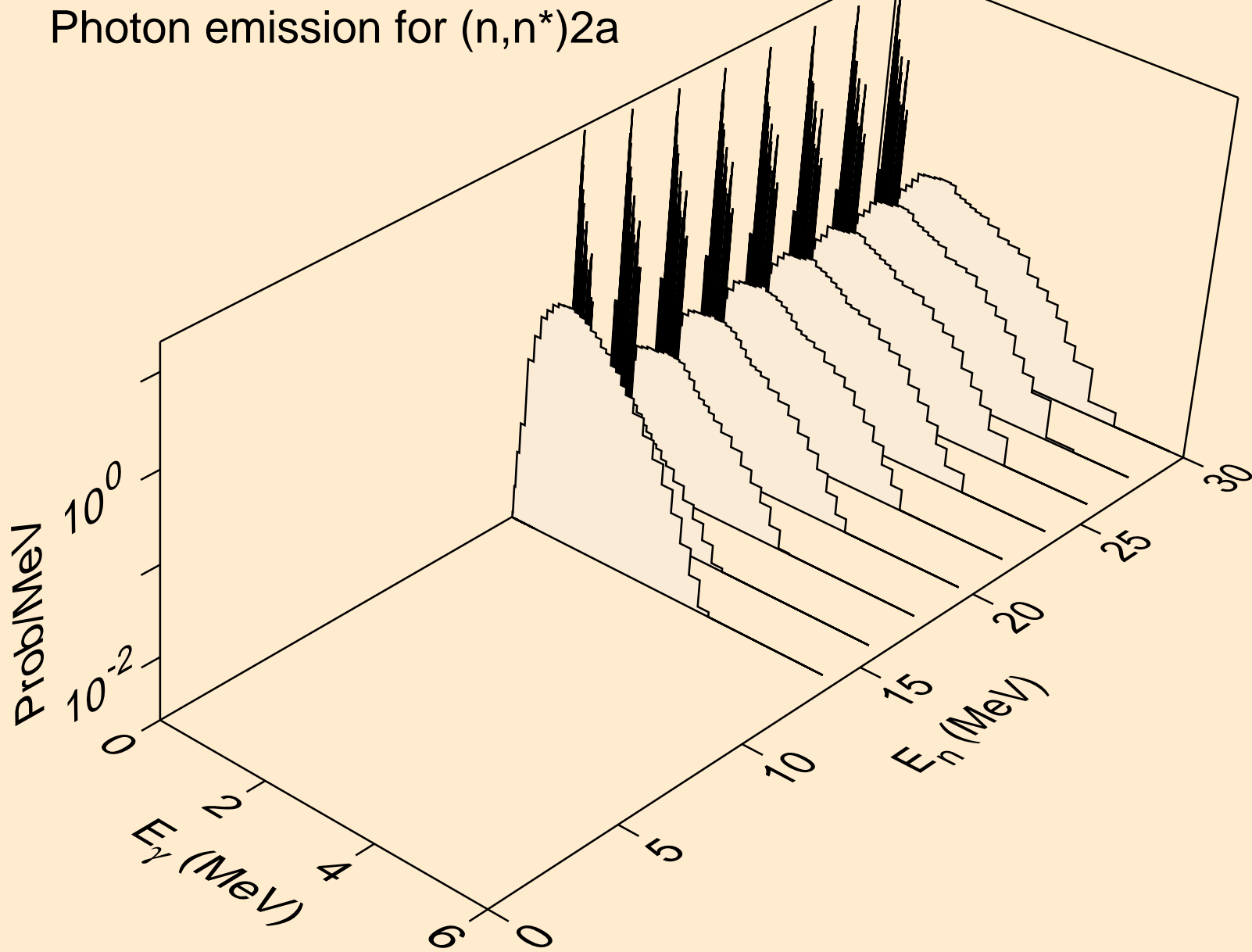
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



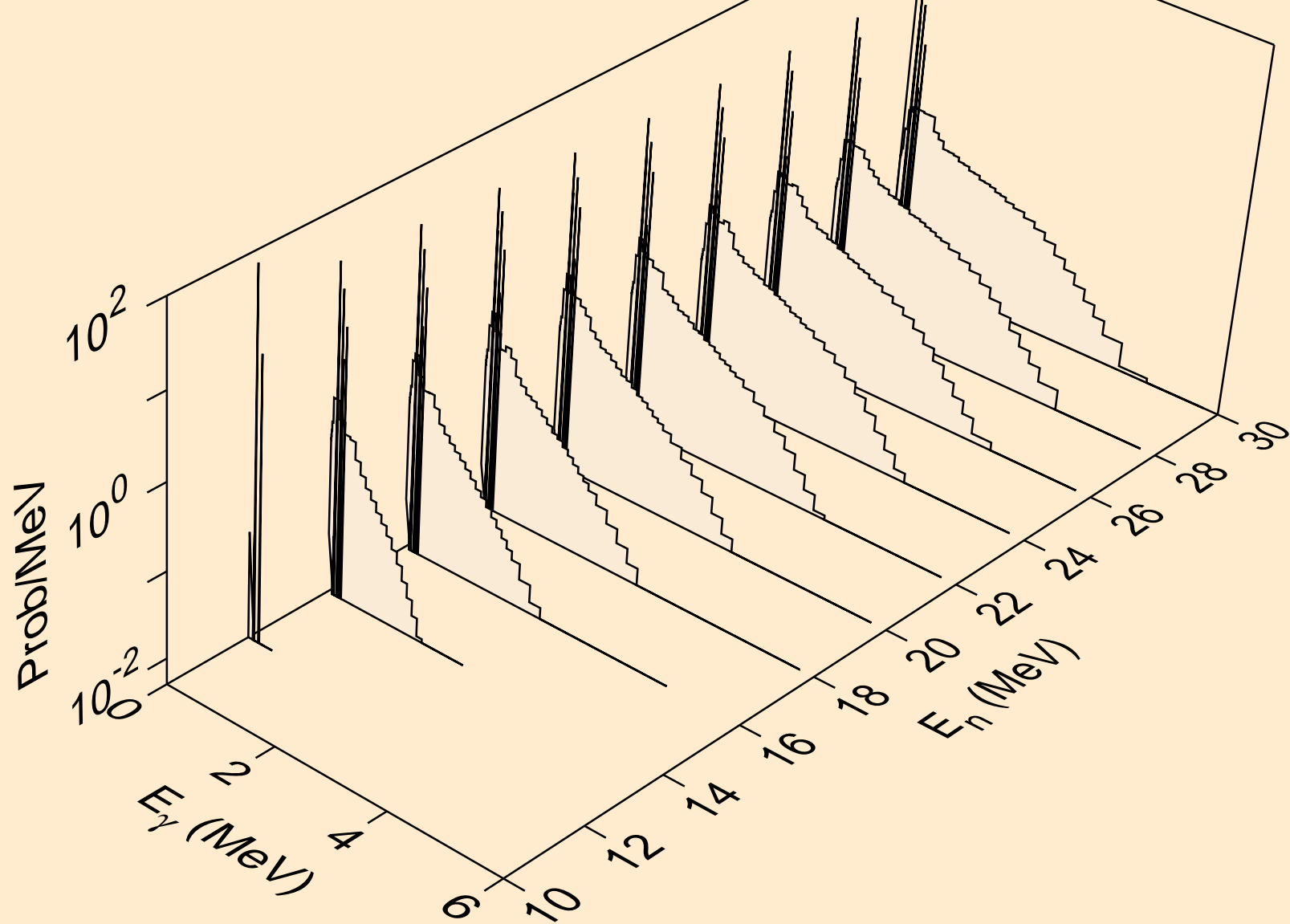
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



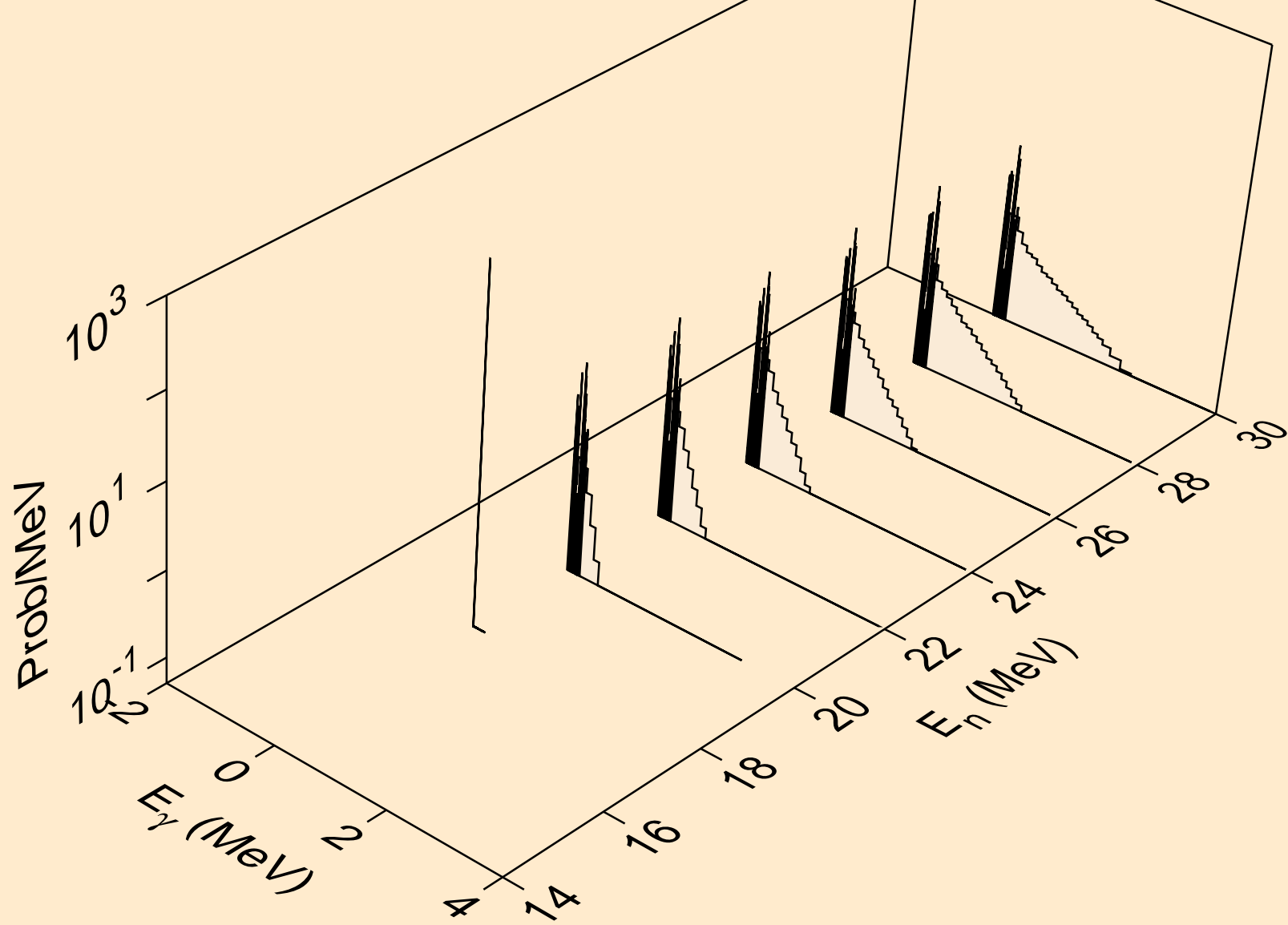
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Photon emission for (n,n\*)2a



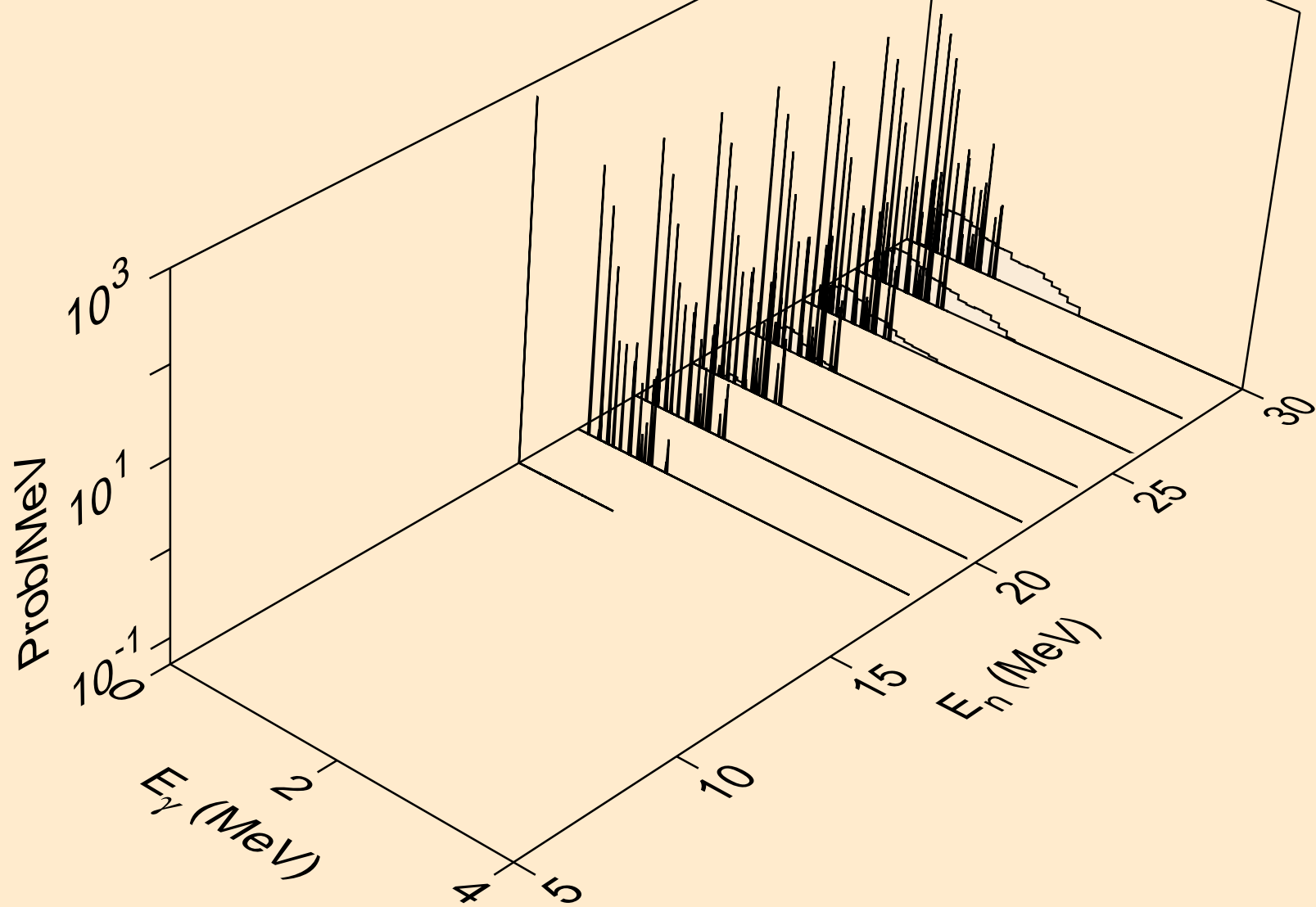
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



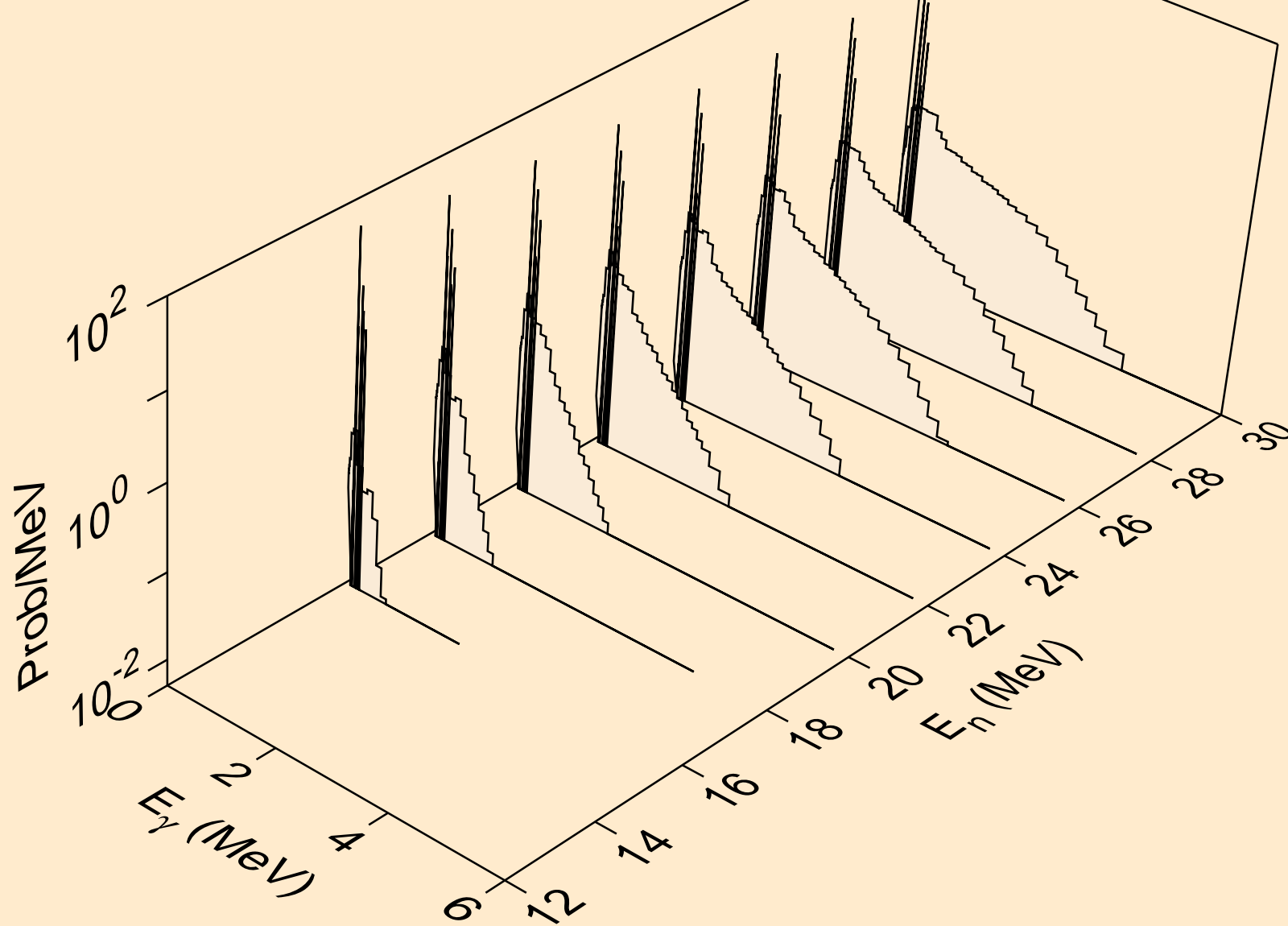
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



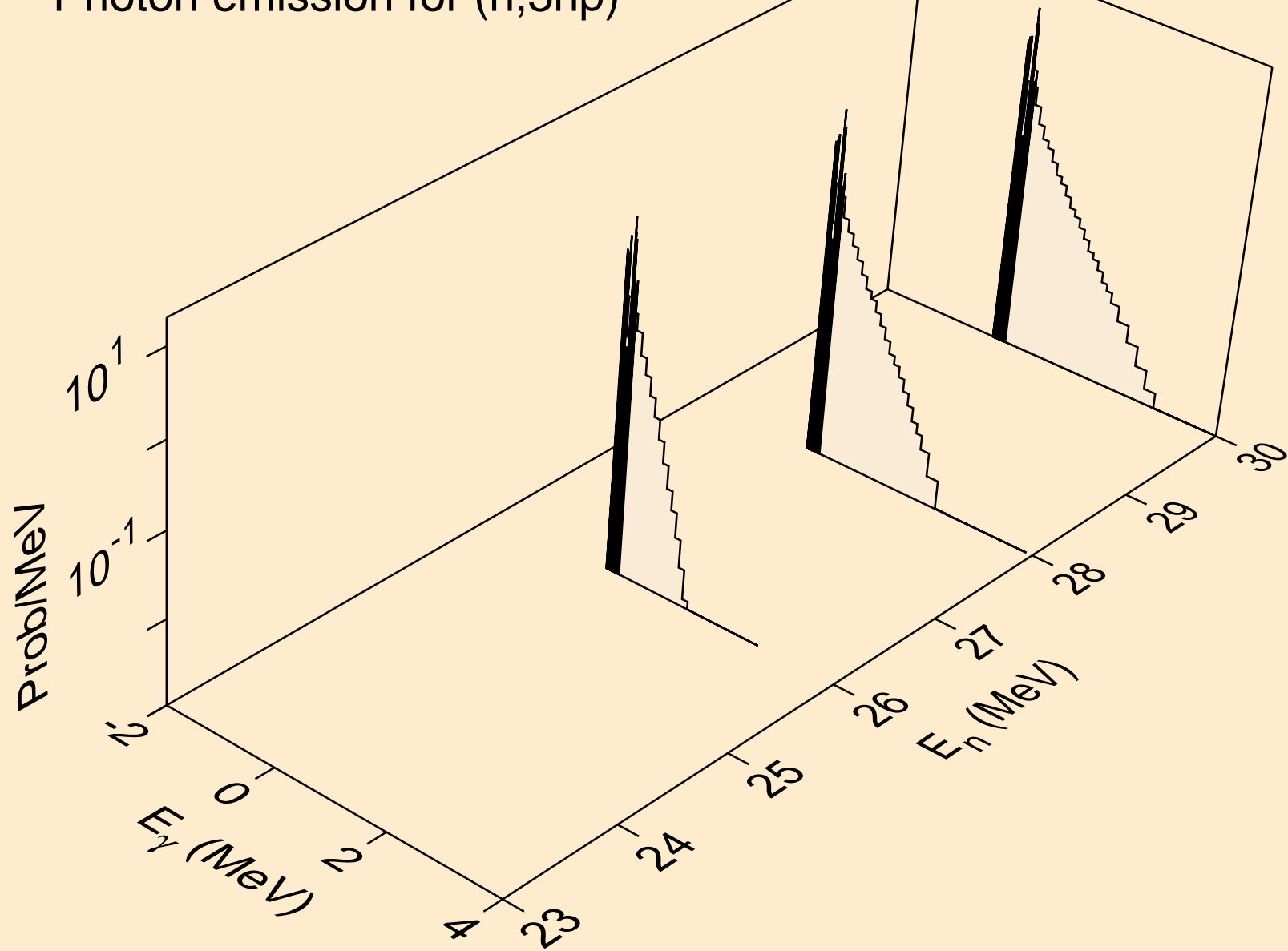
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

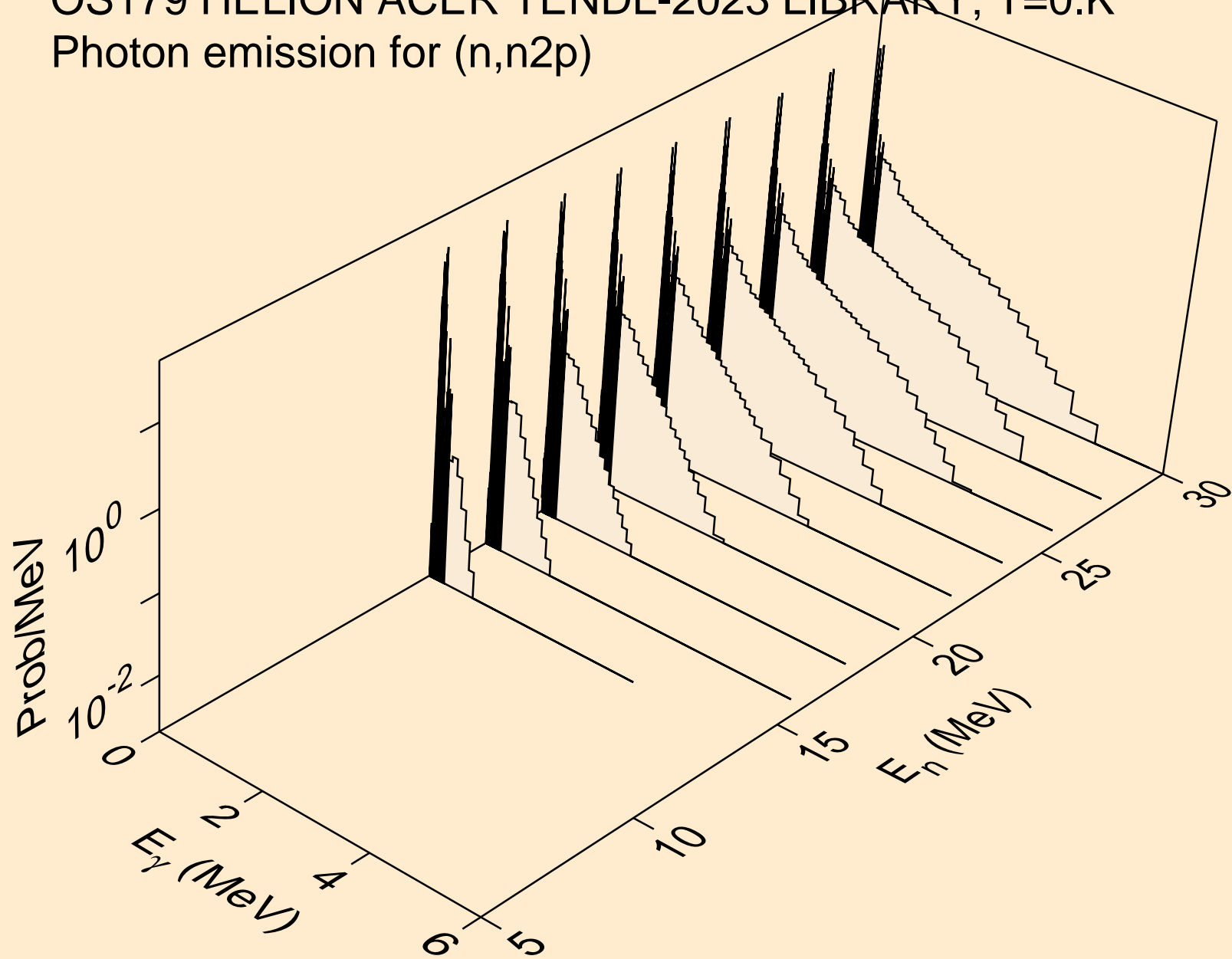


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Photon emission for (n,3np)

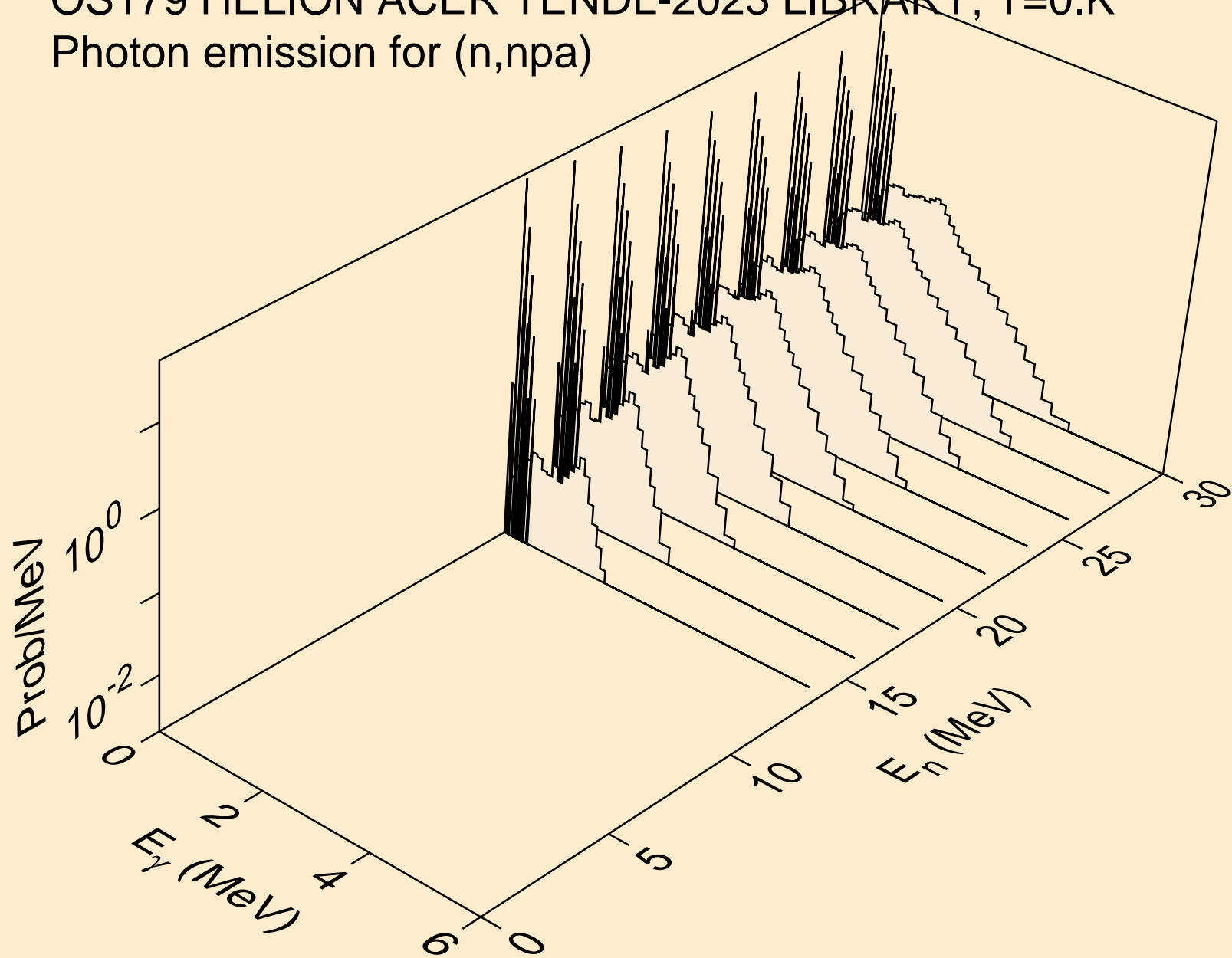




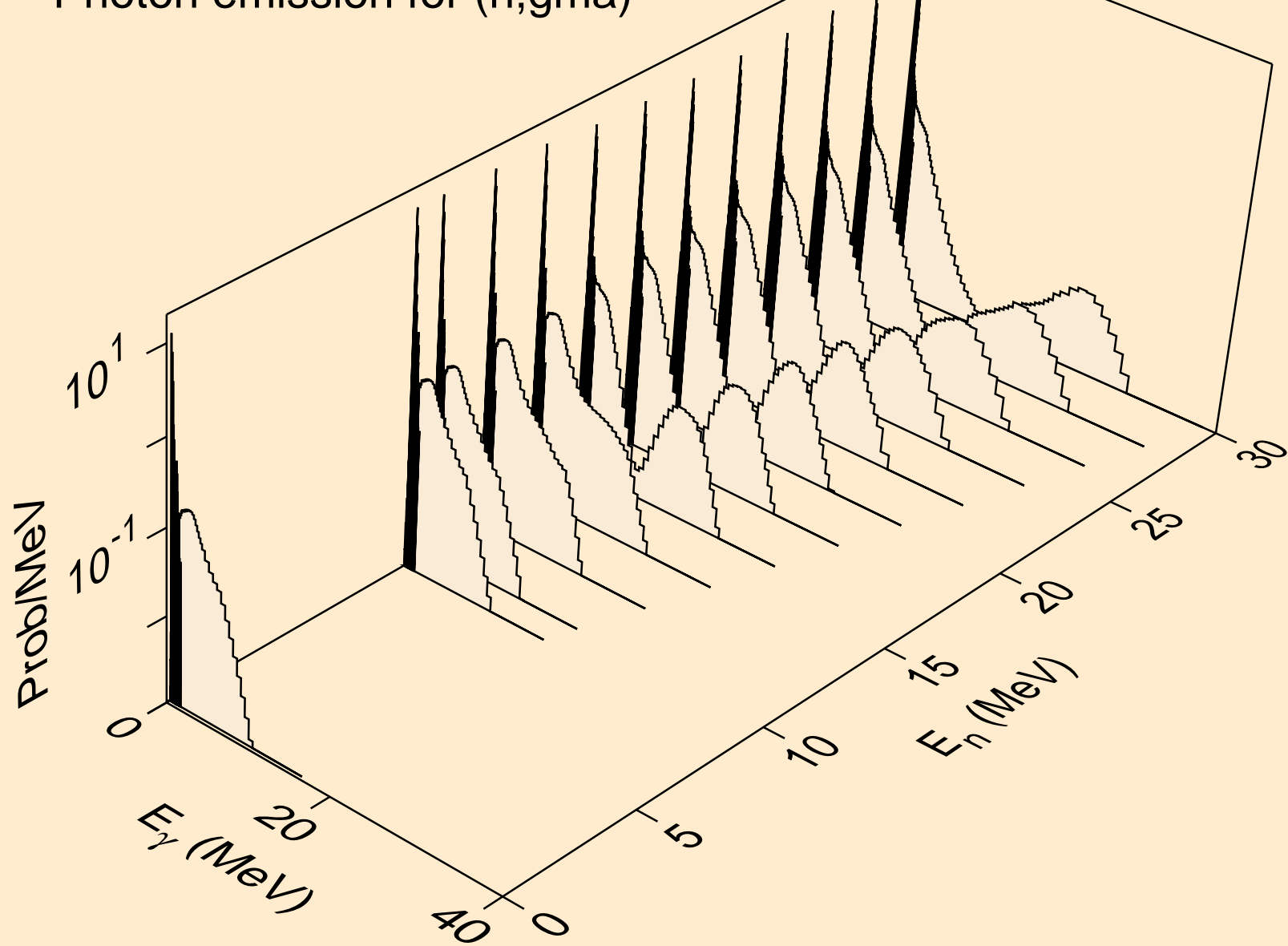
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Photon emission for (n,n2p)



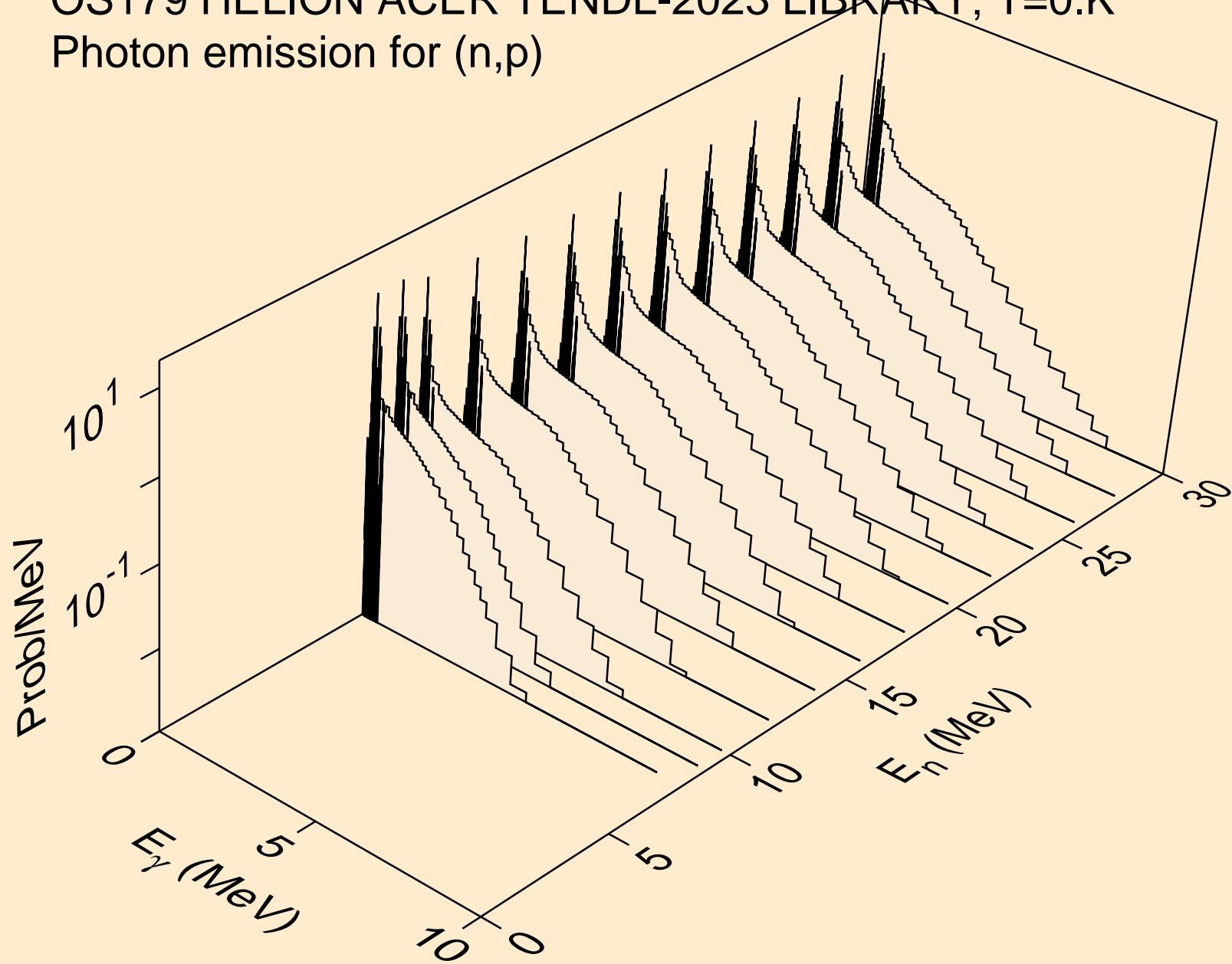
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Photon emission for (n,npa)



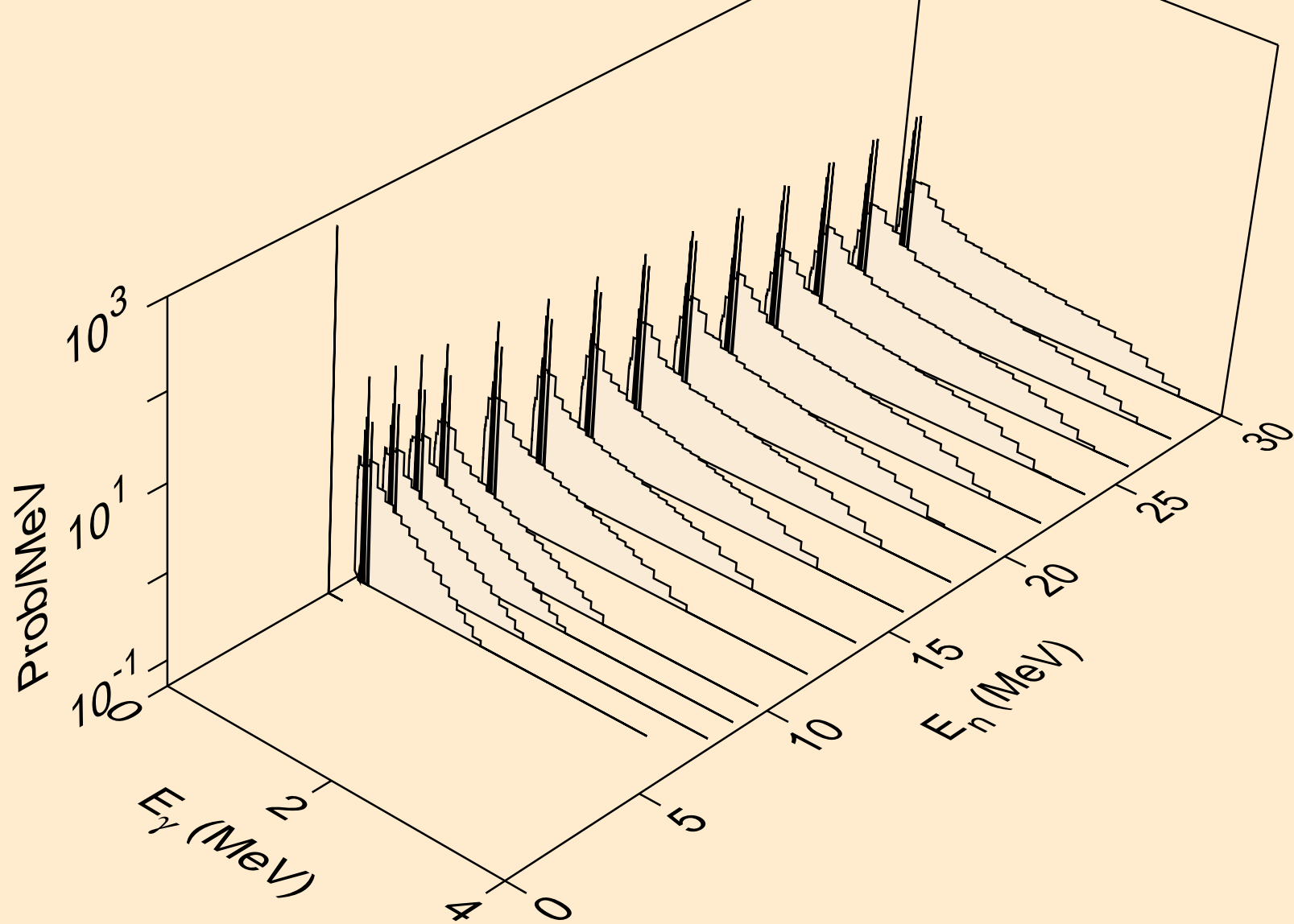
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Photon emission for (n,gma)



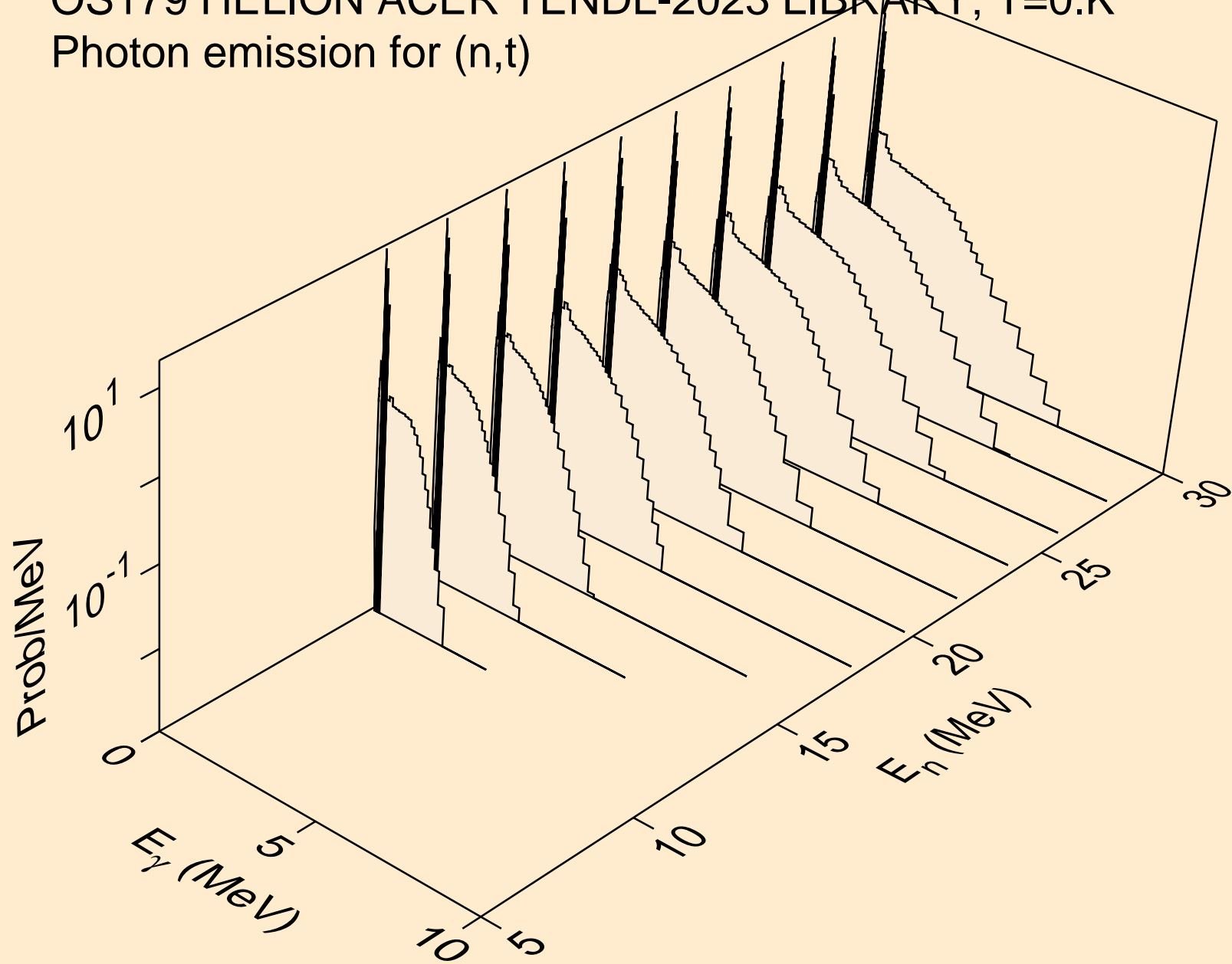
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Photon emission for (n,p)



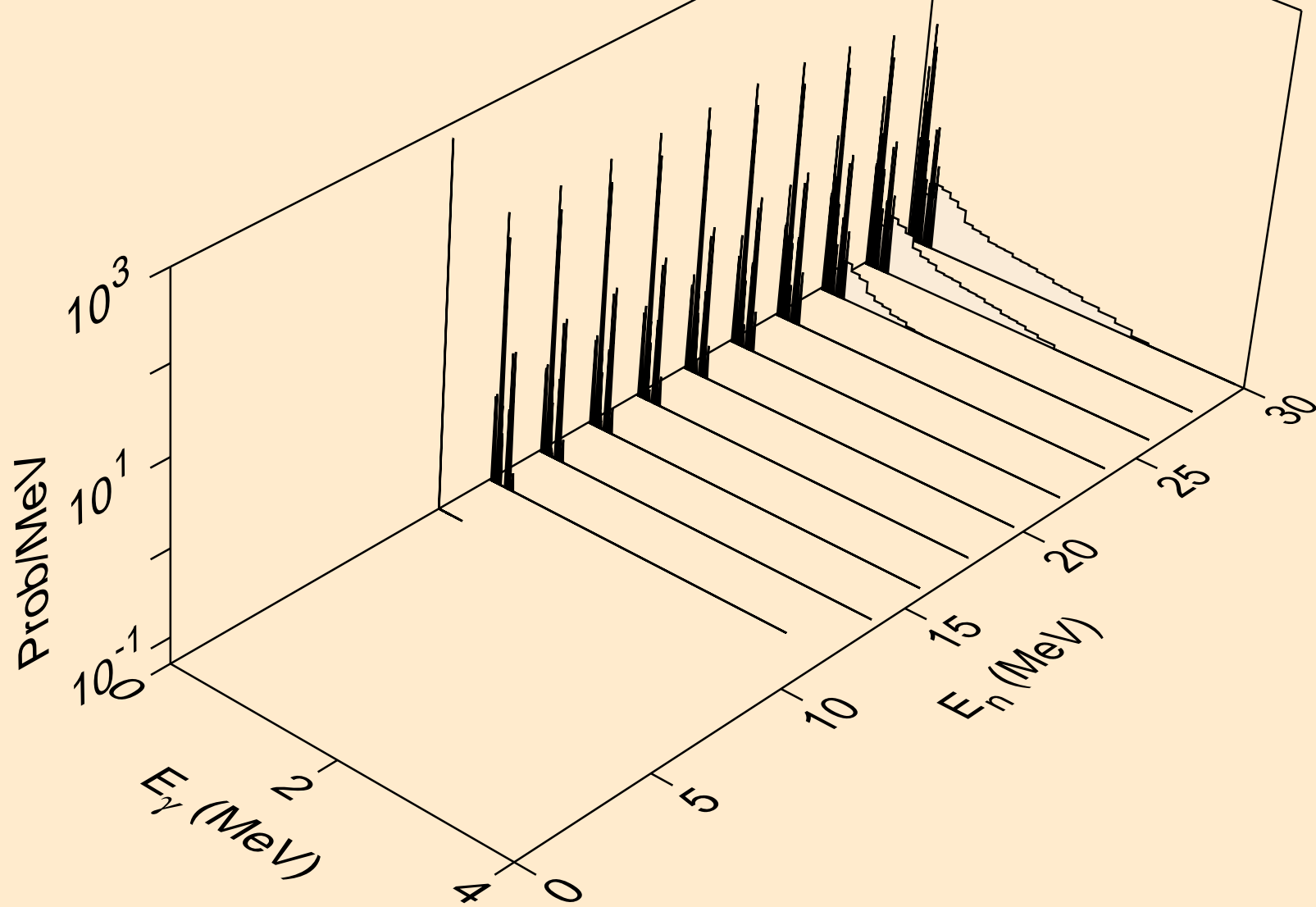
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Photon emission for (n,d)



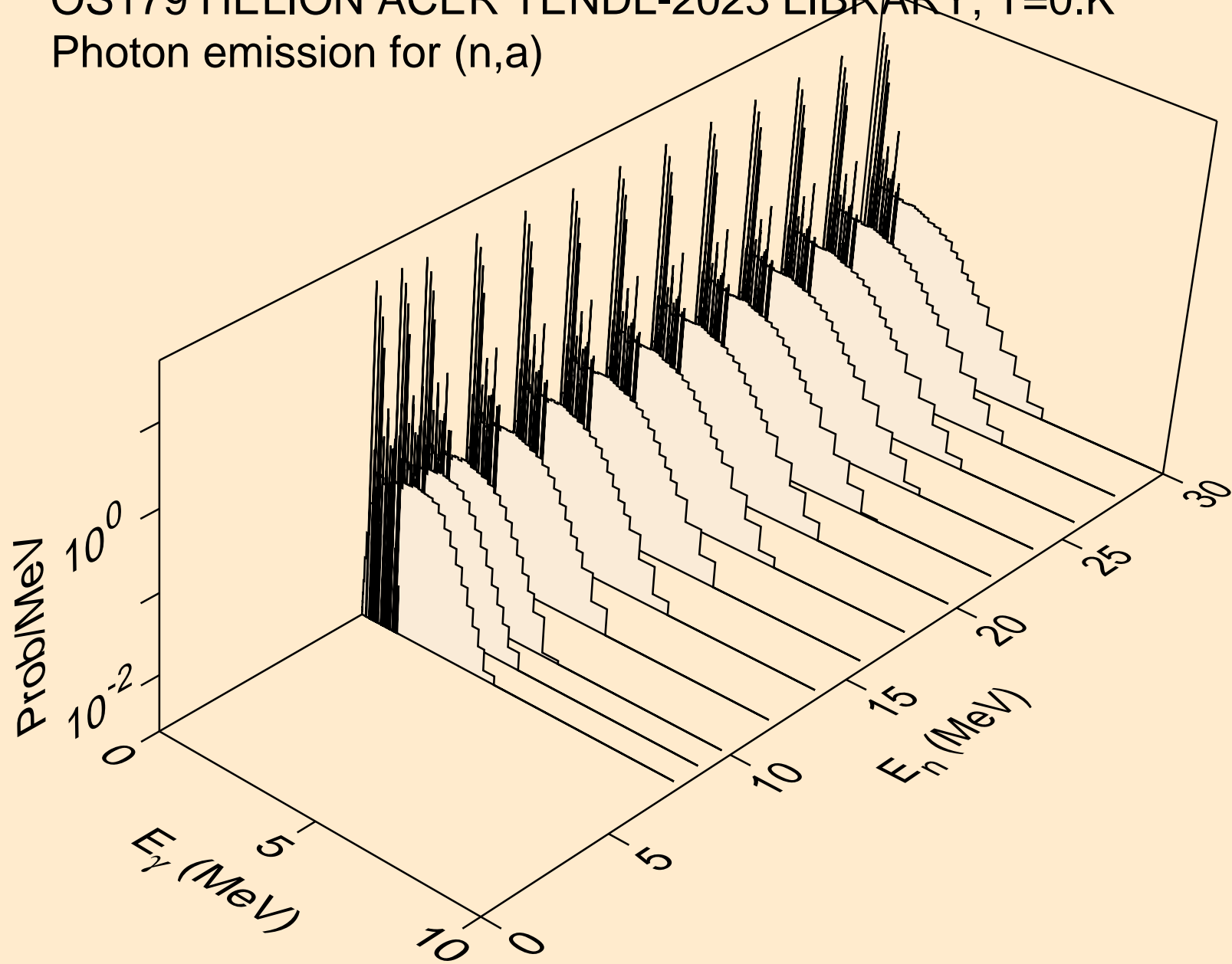
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

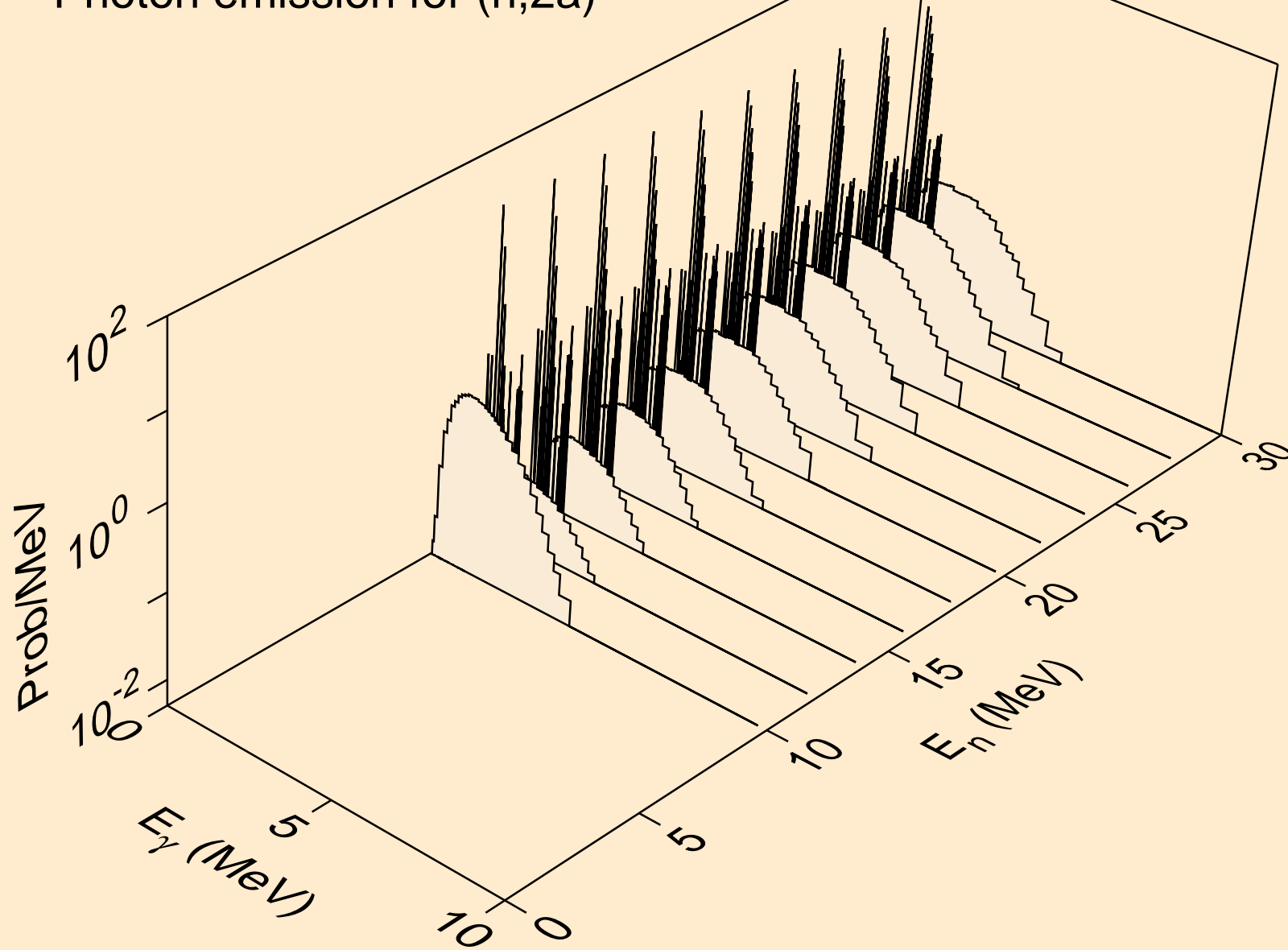


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Photon emission for (n,a)

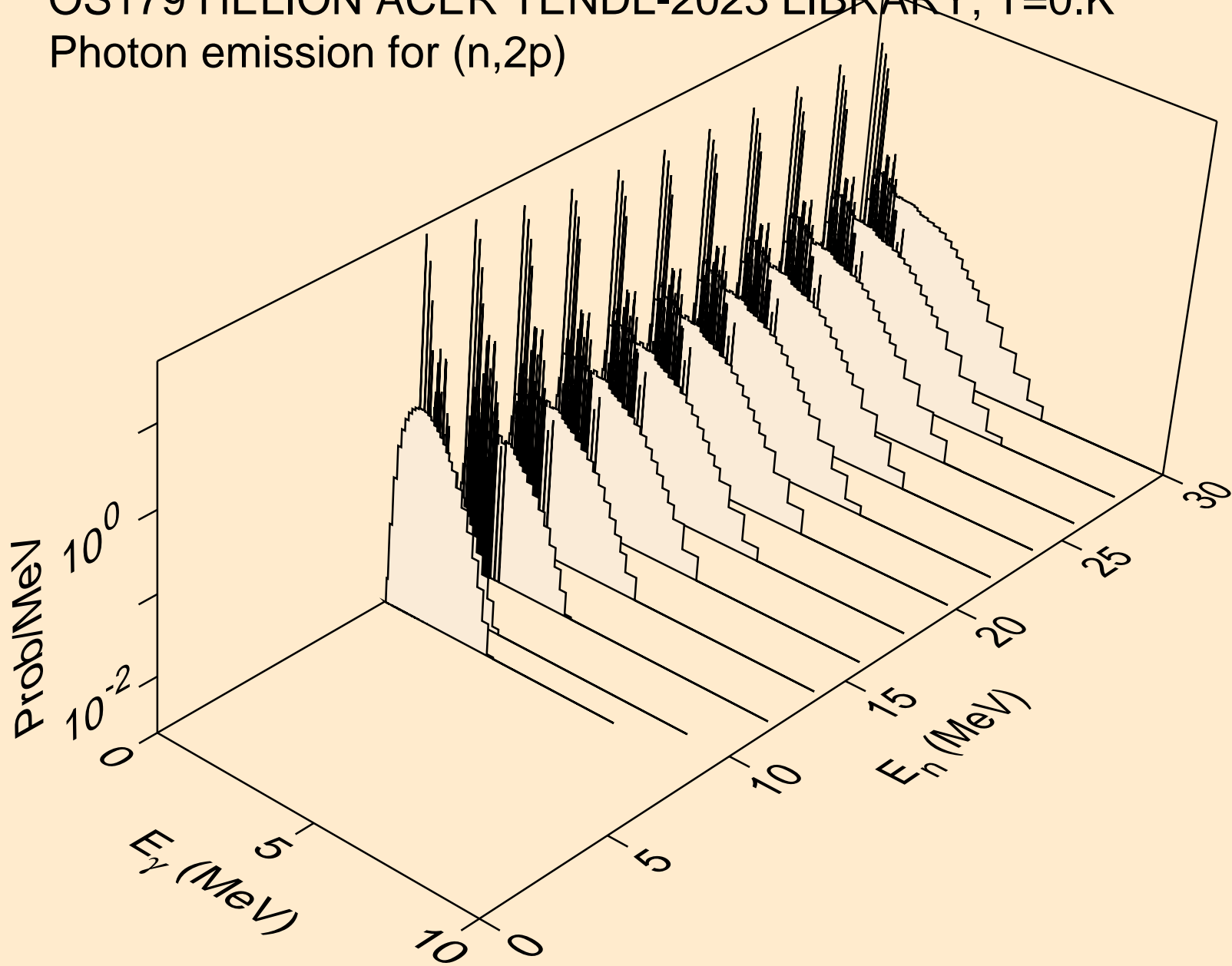




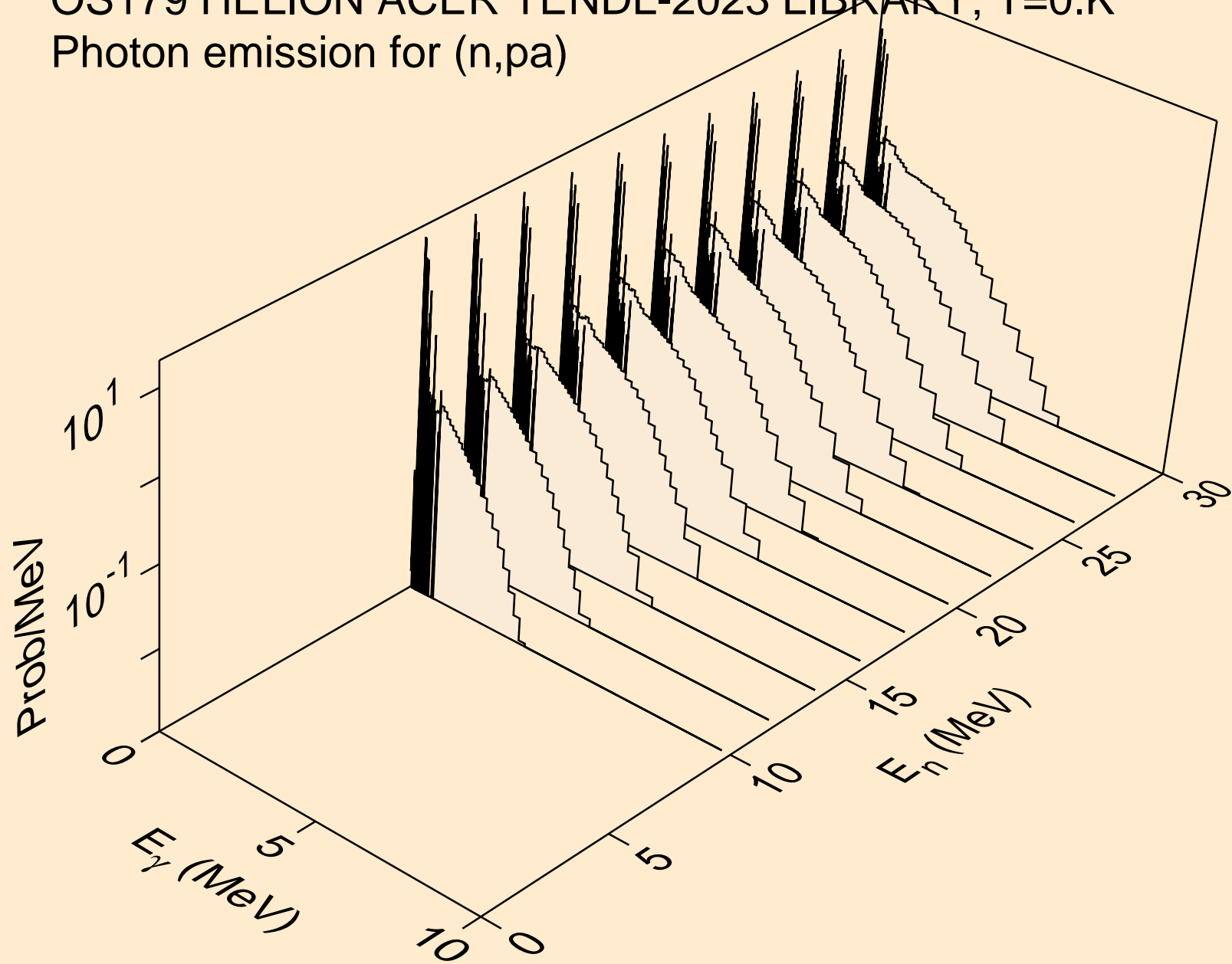
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Photon emission for (n,2a)



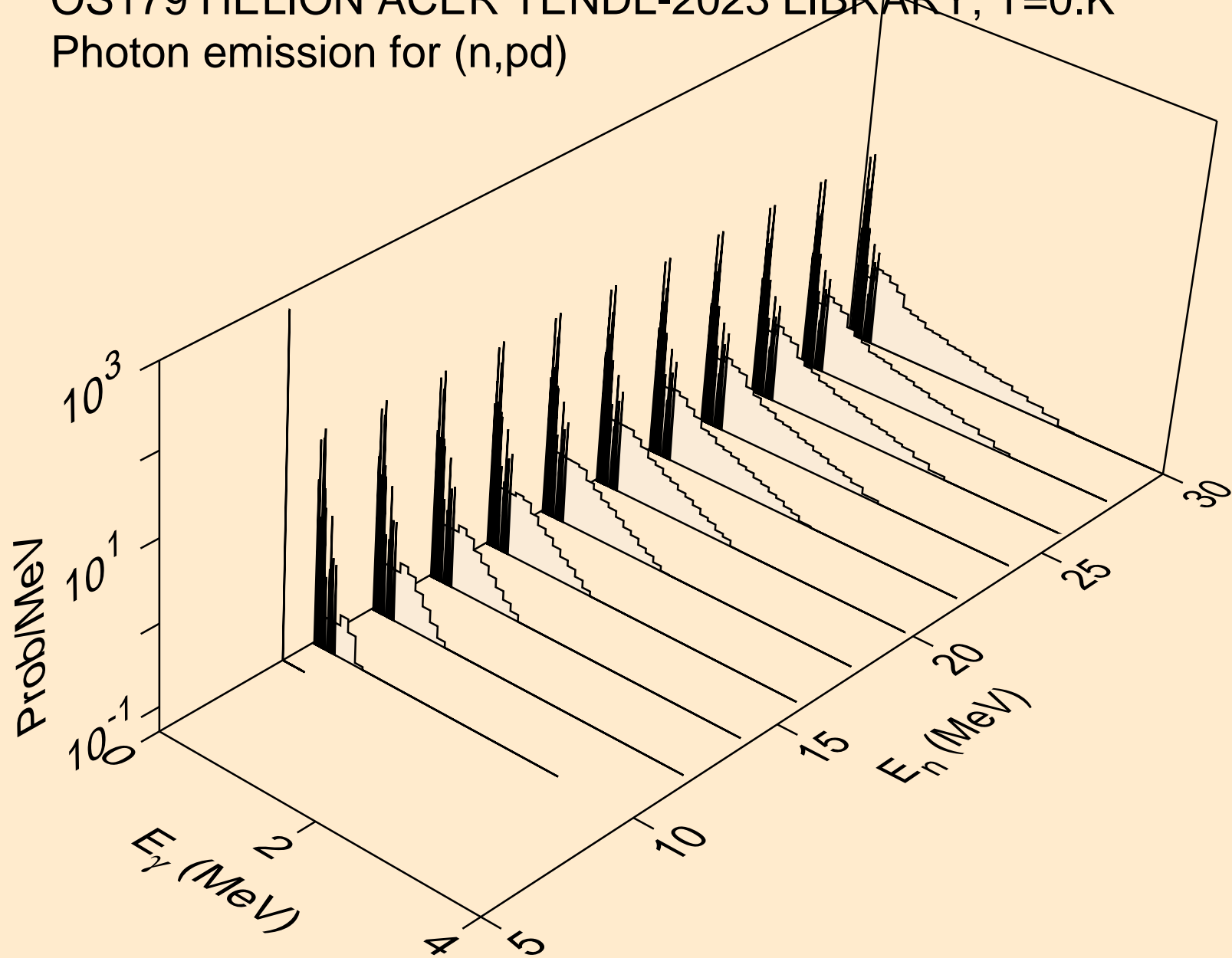
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Photon emission for (n,2p)



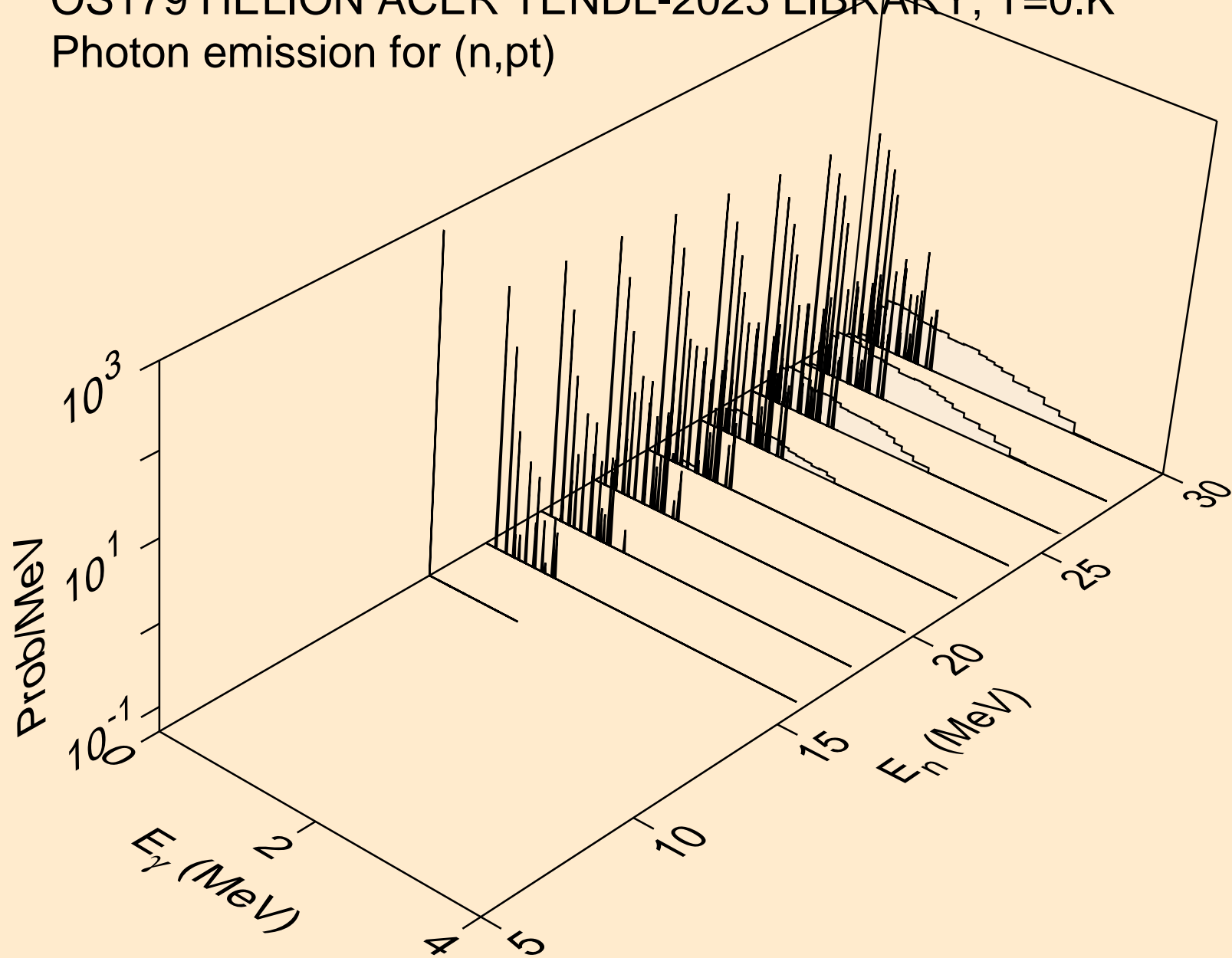
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Photon emission for (n,pa)



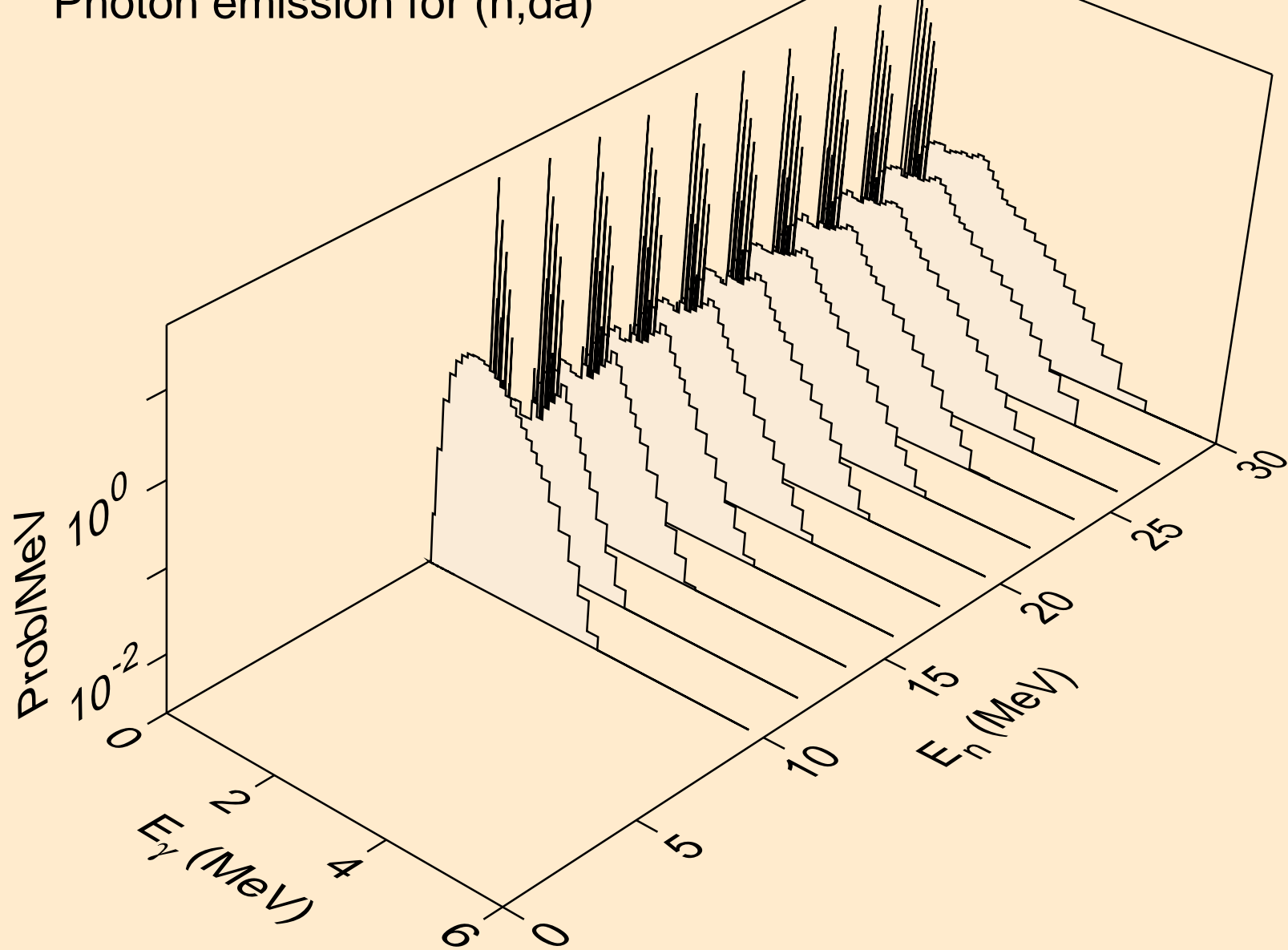
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

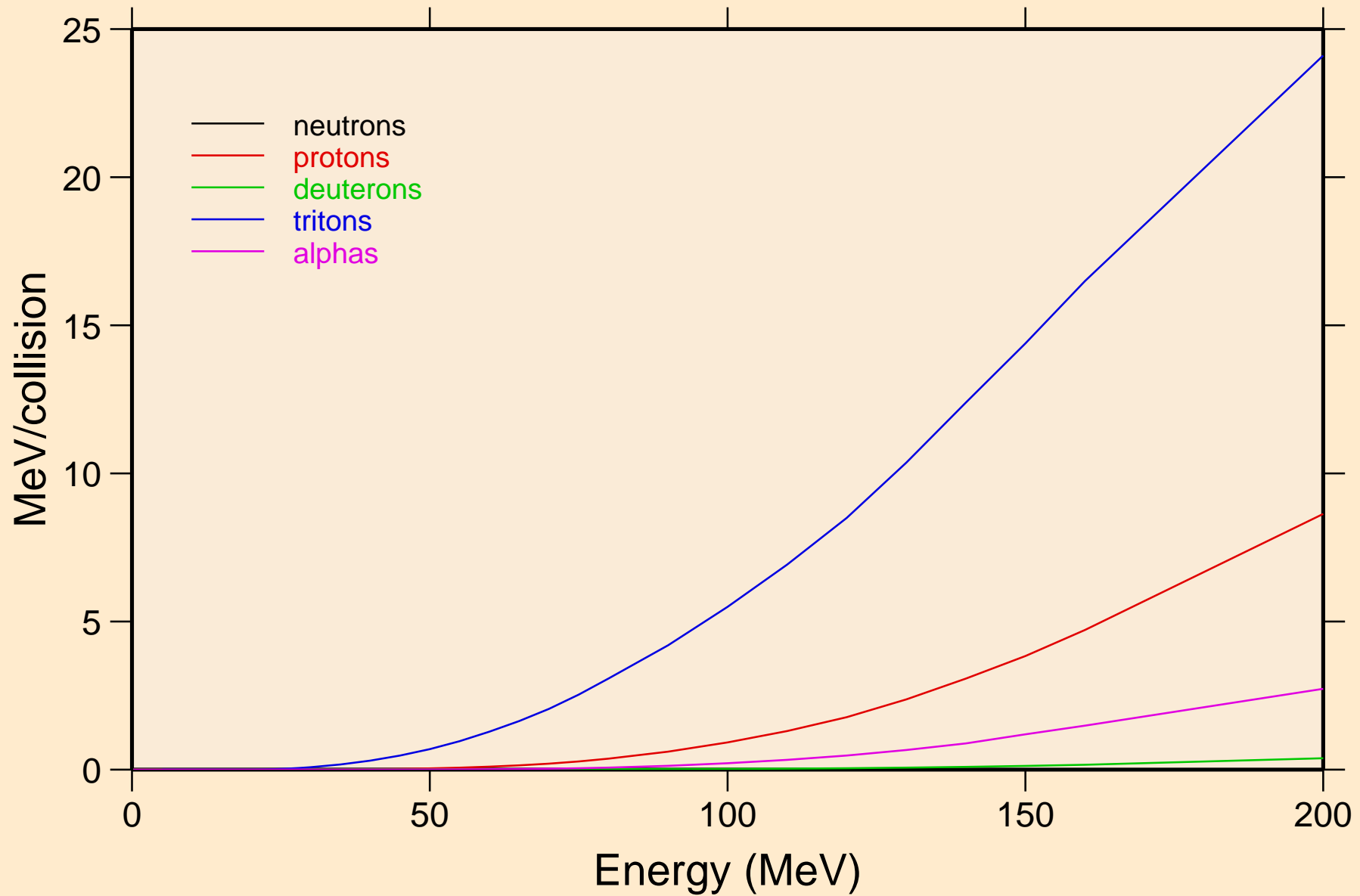


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Photon emission for (n,da)

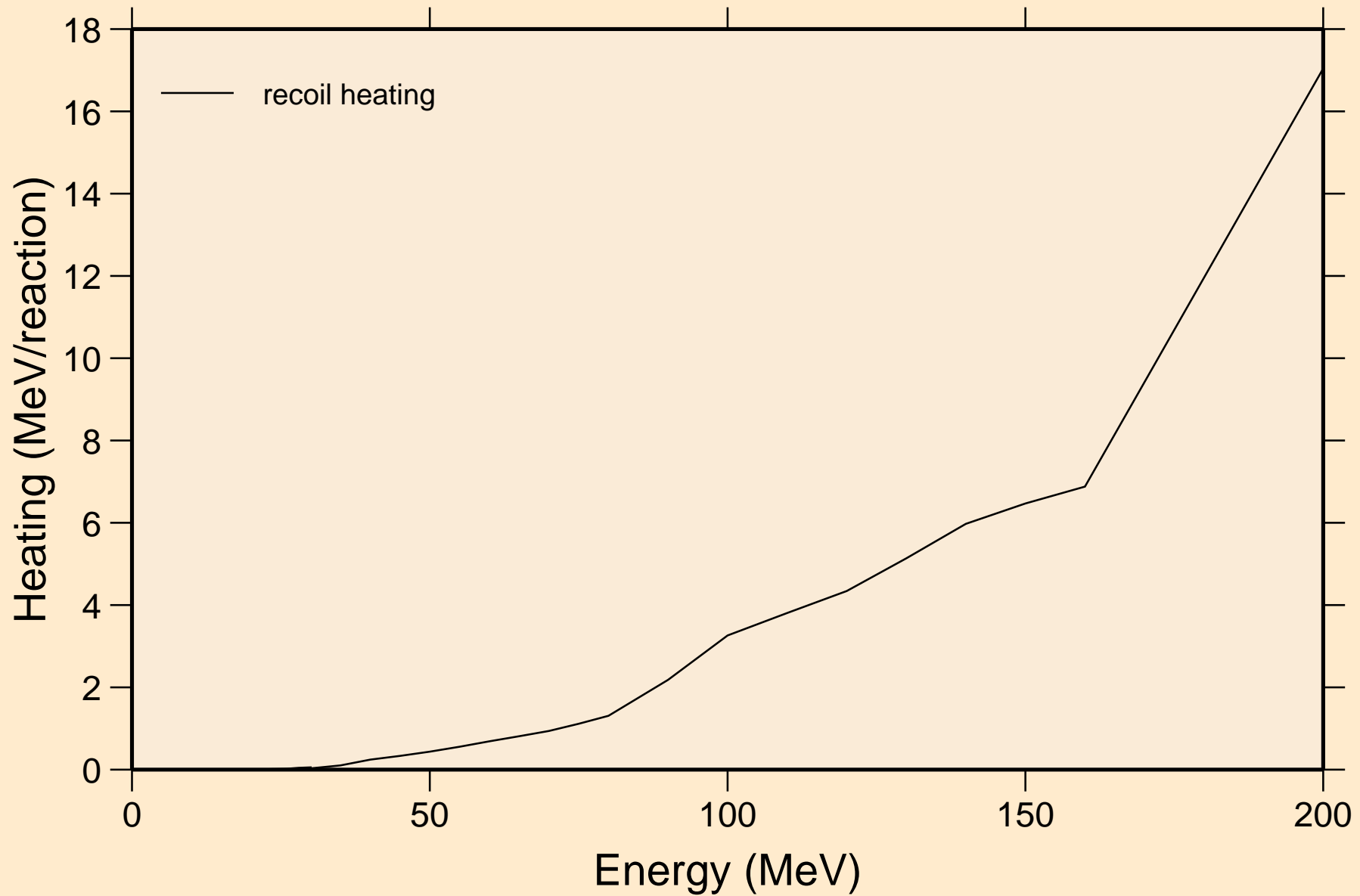


# OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

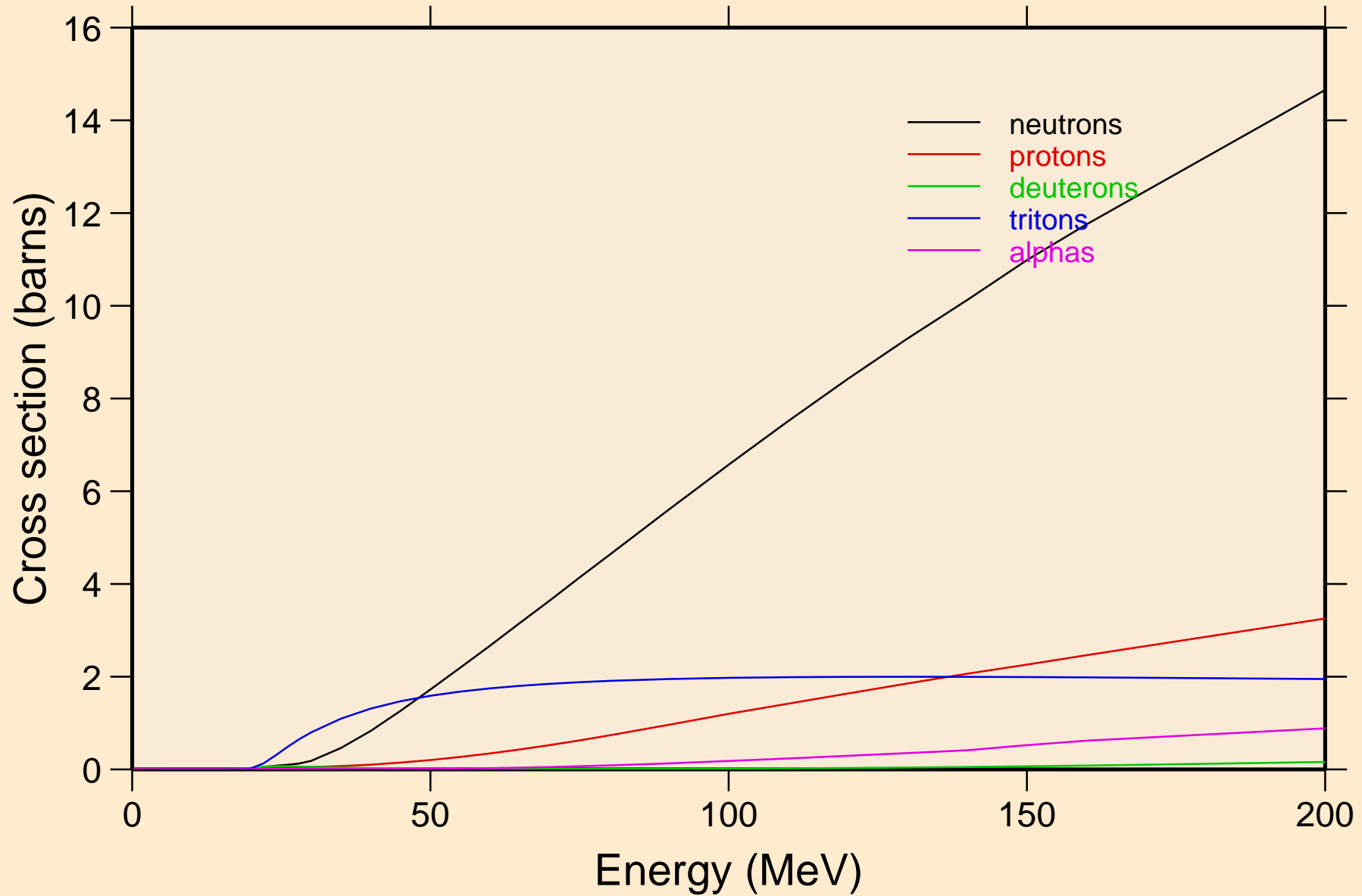


OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

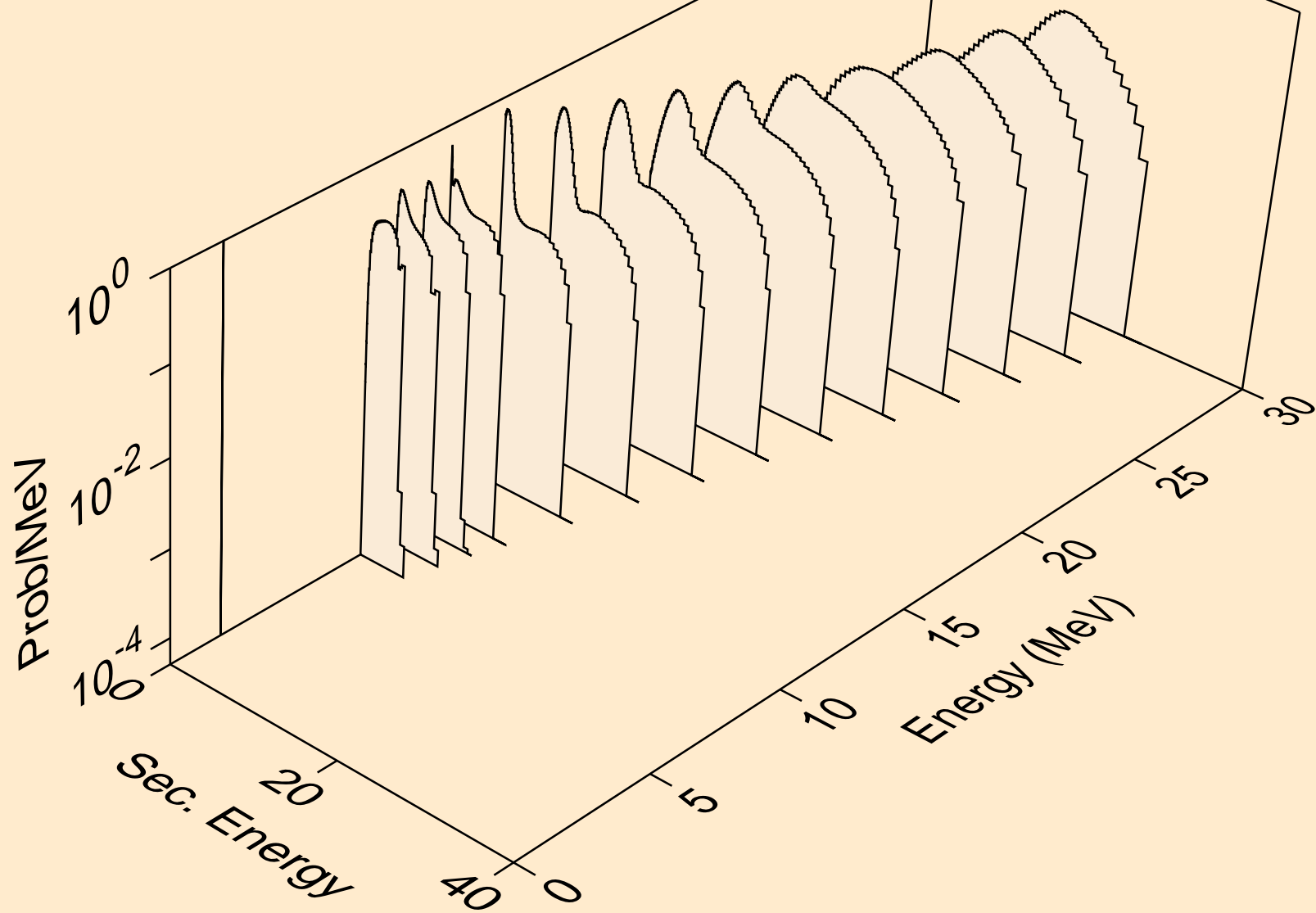




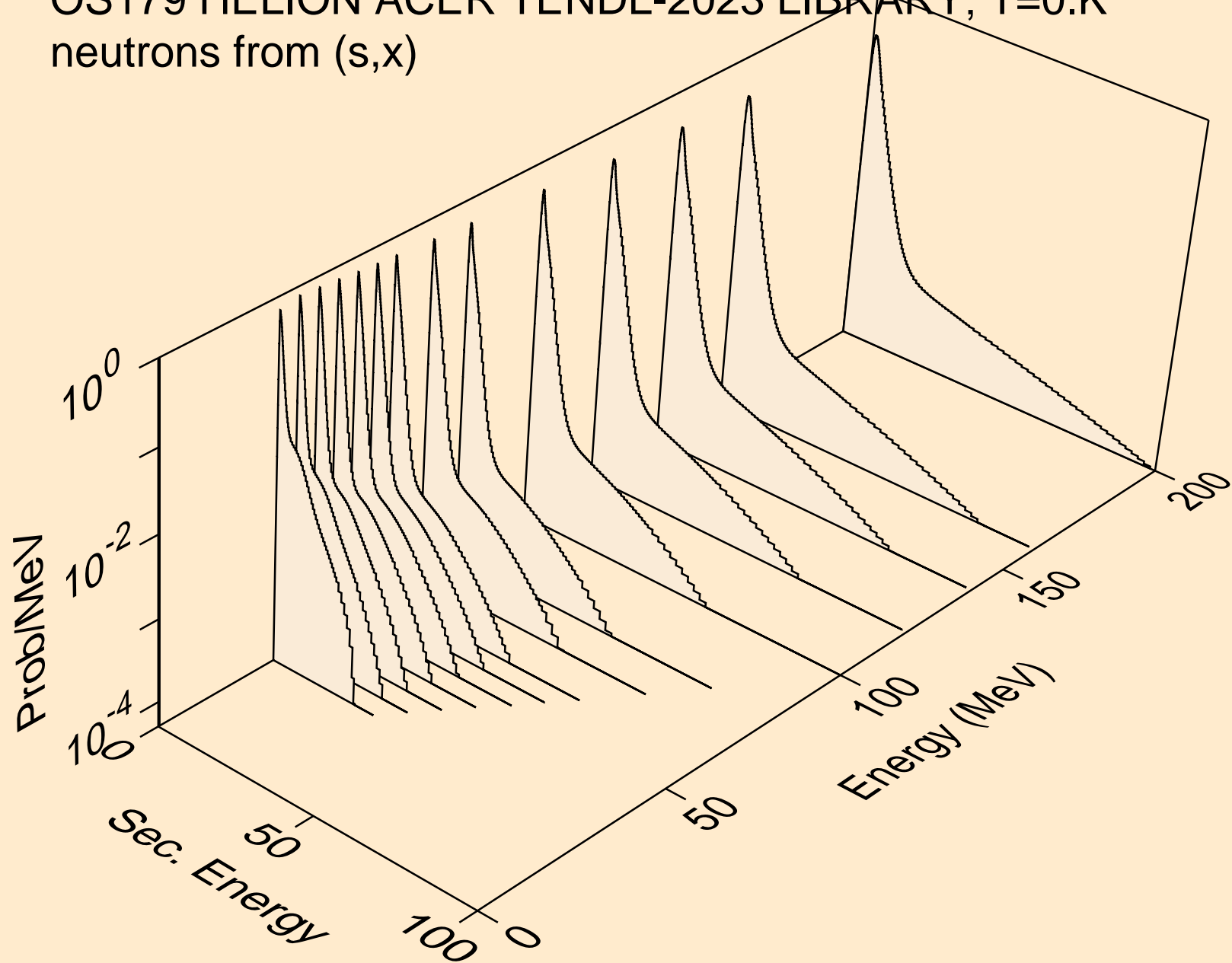
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



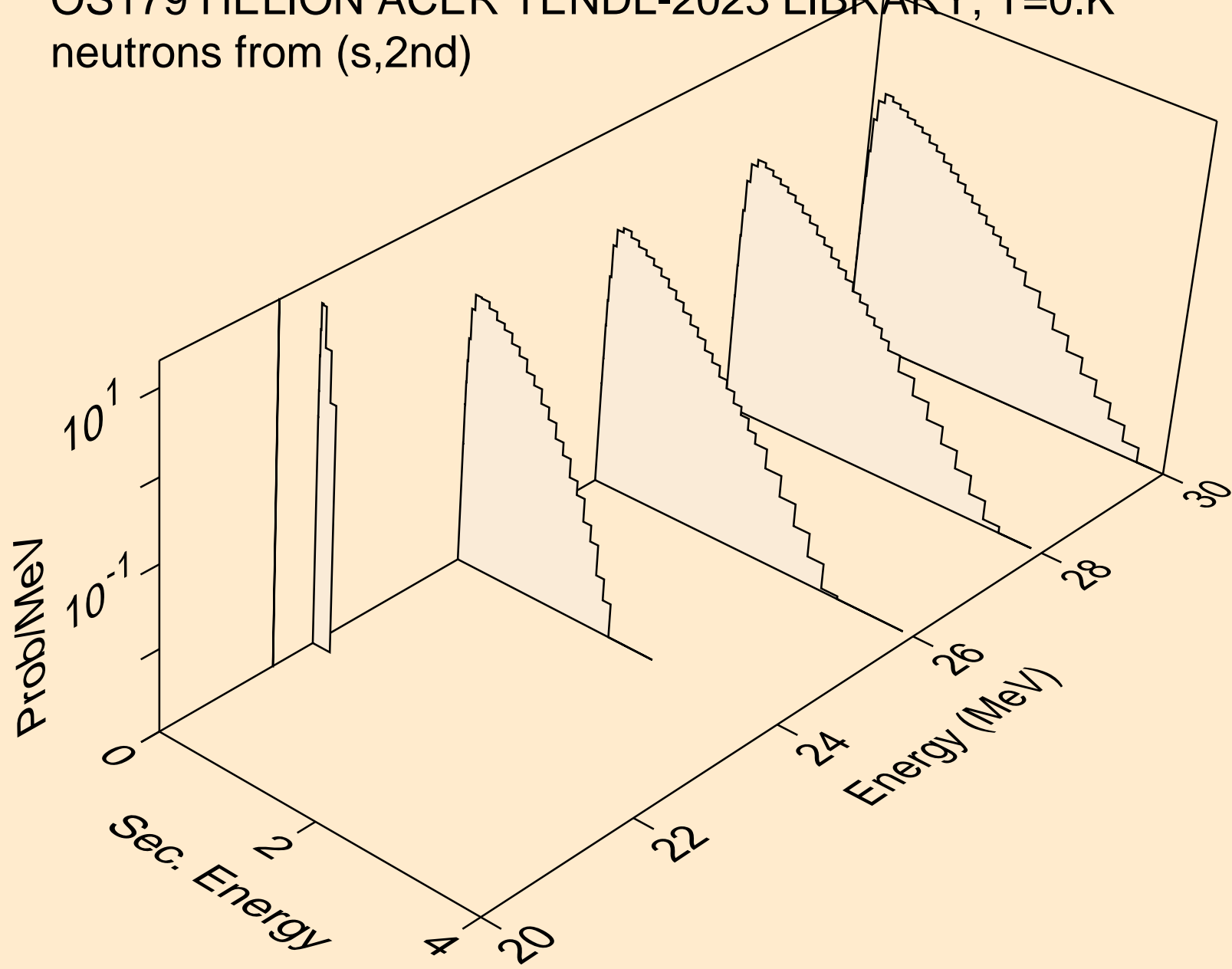
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



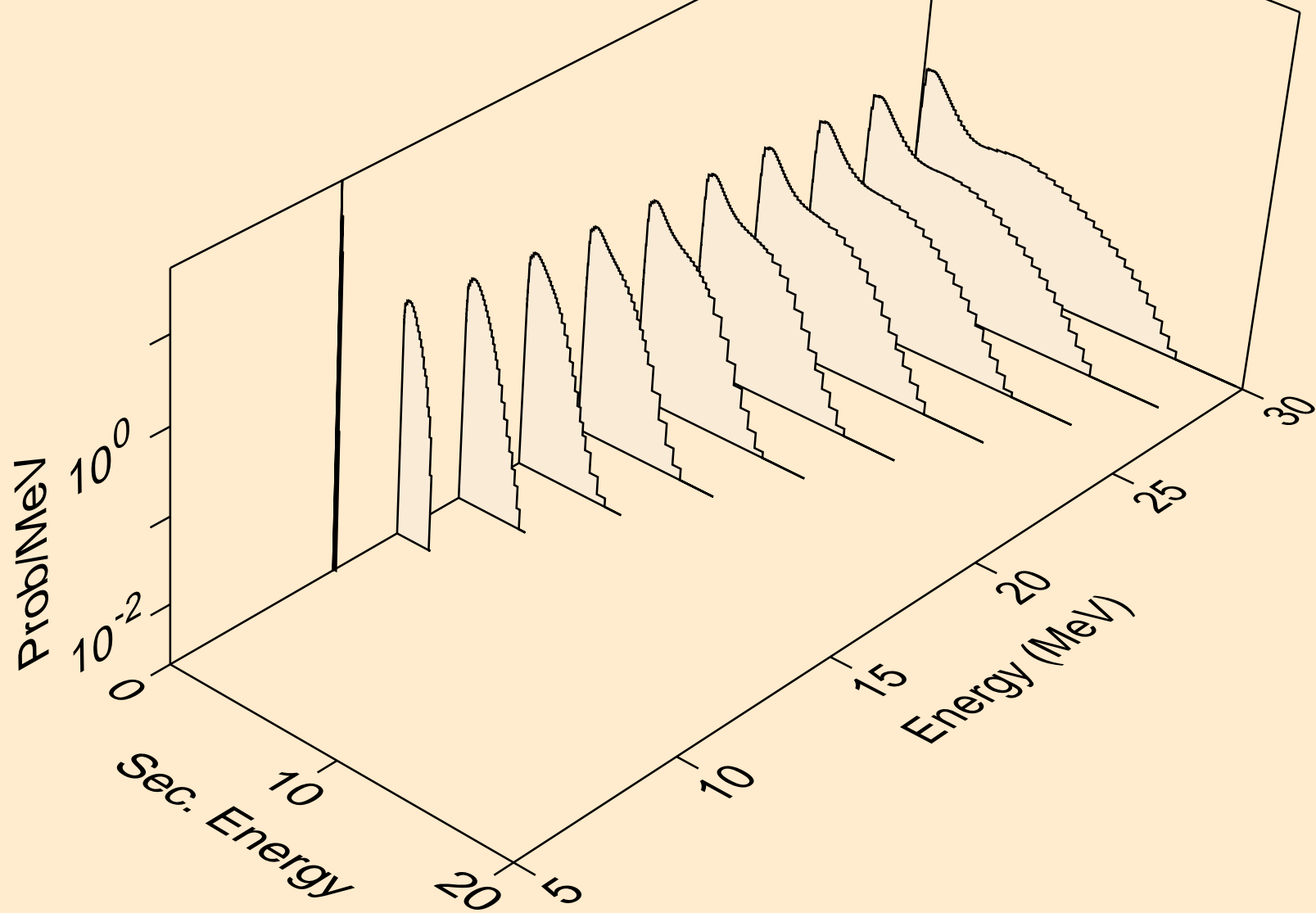
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



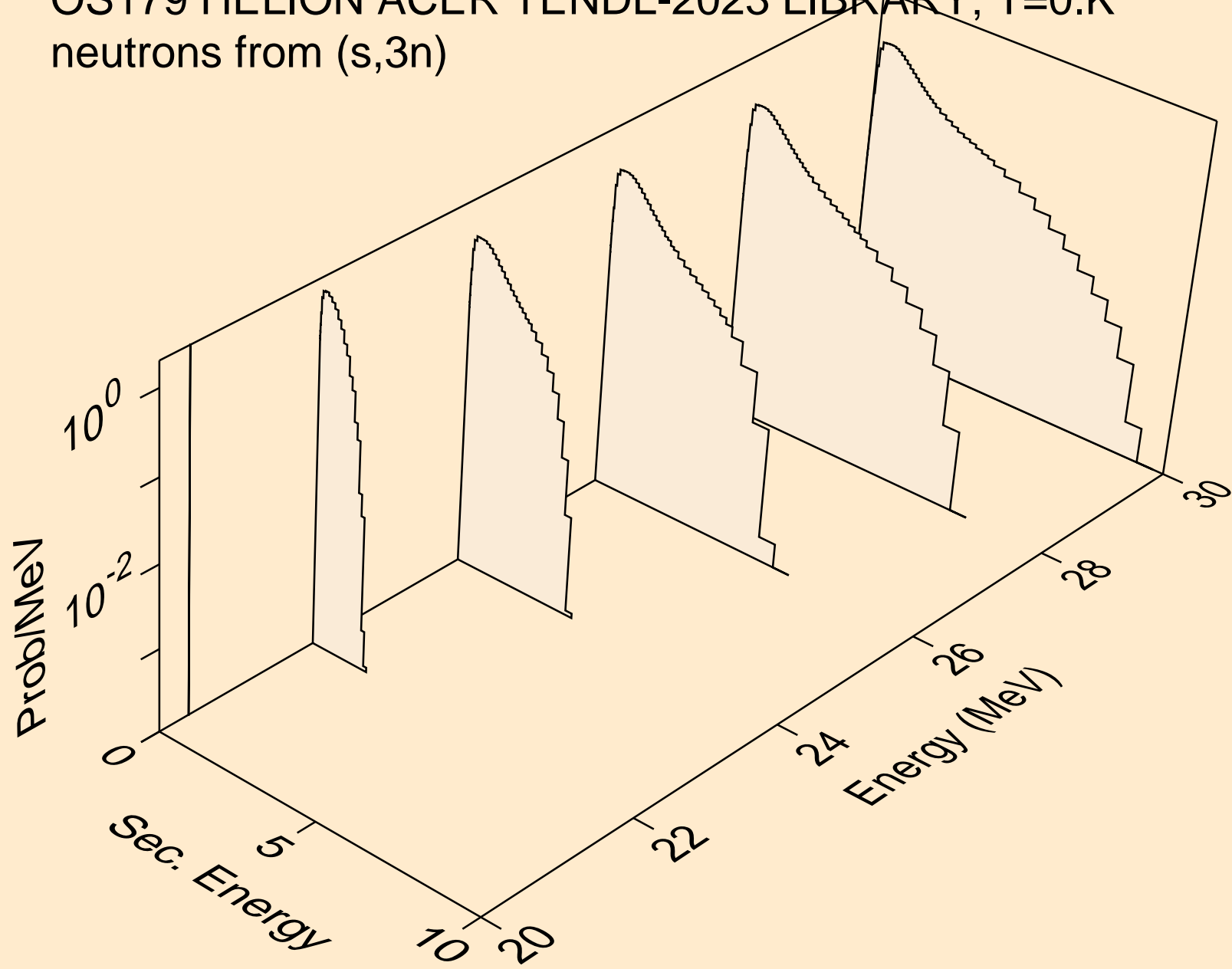
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neutrons from (s,2nd)



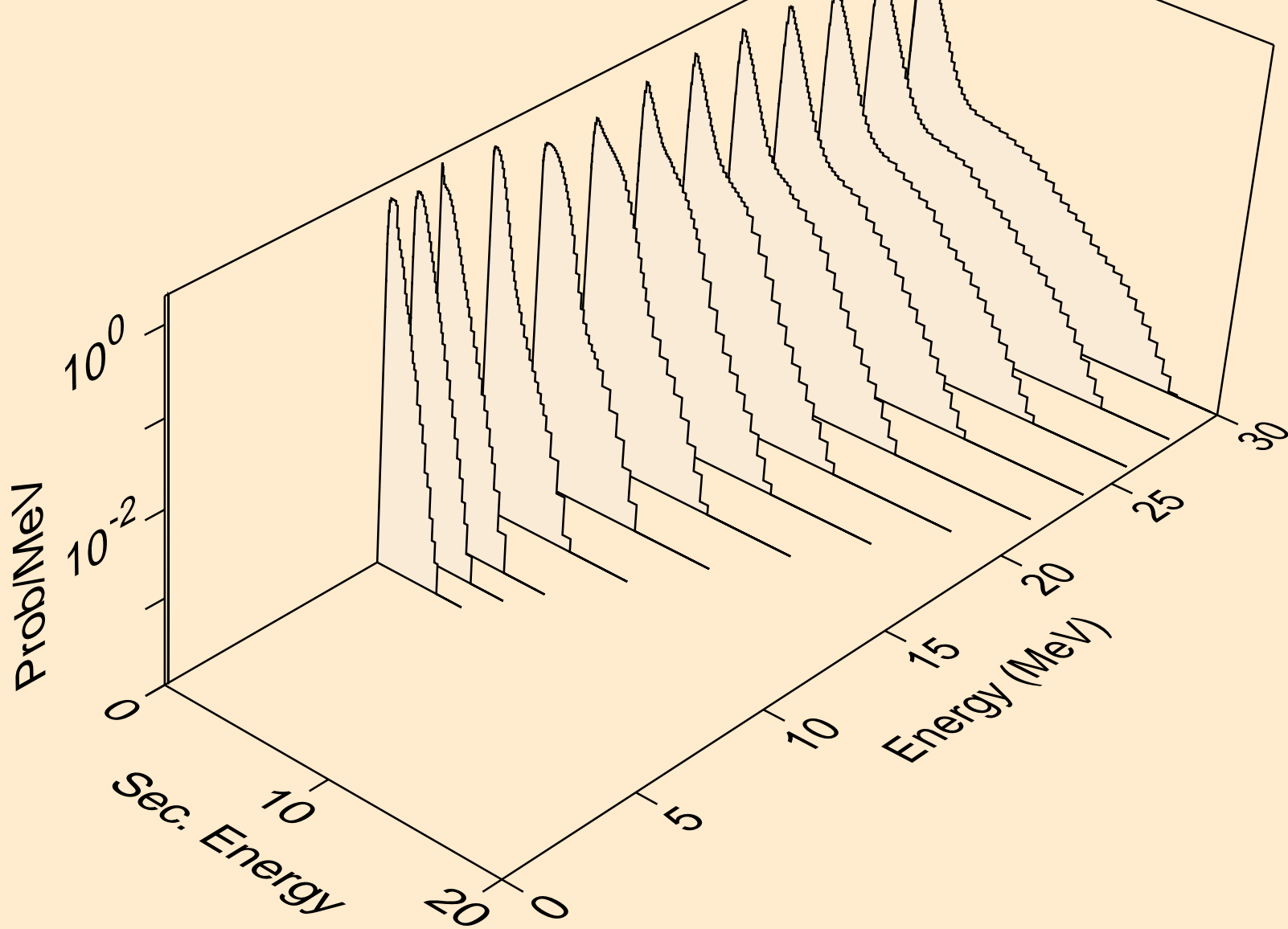
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neutrons from (s,2n)



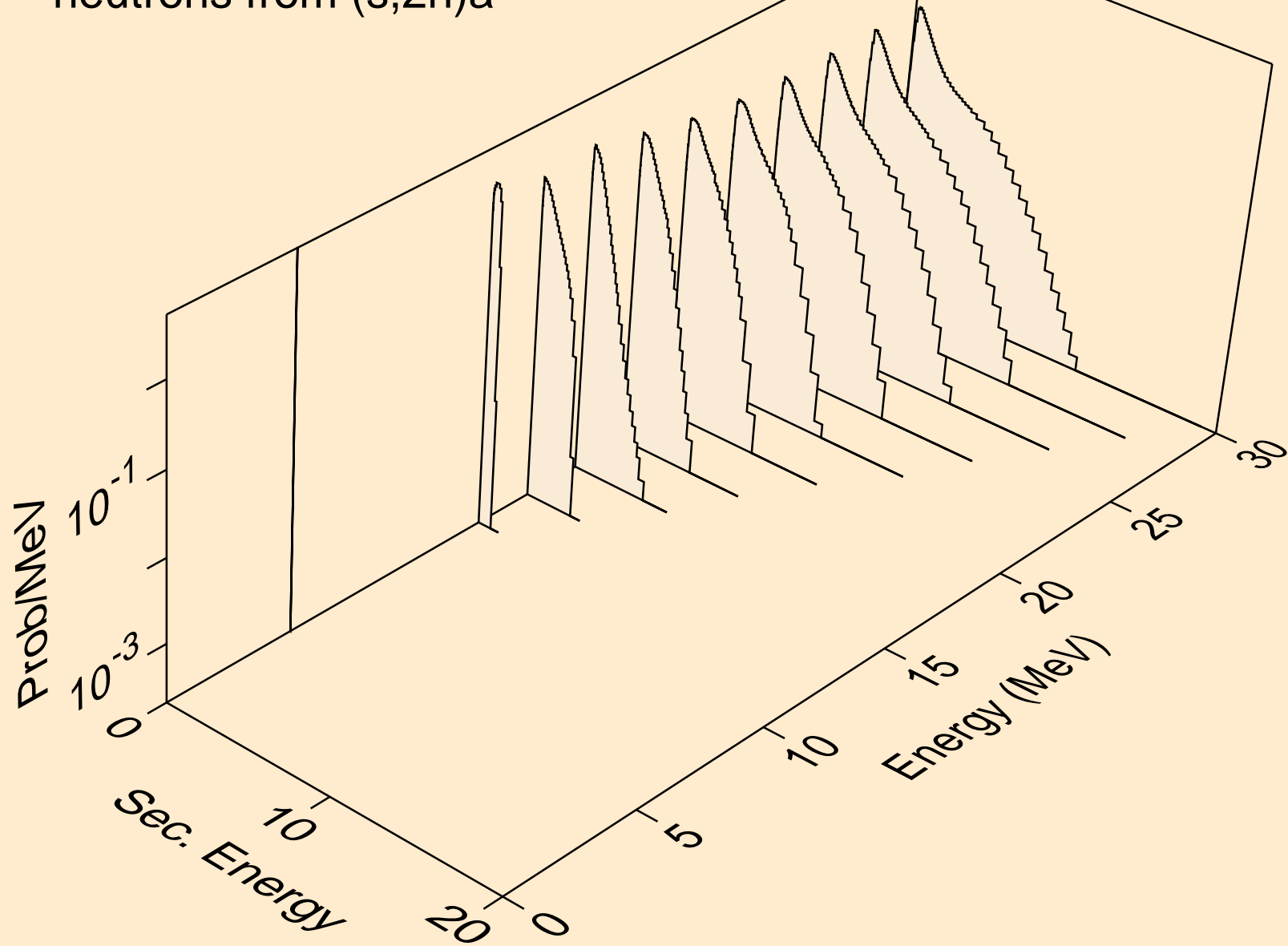
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

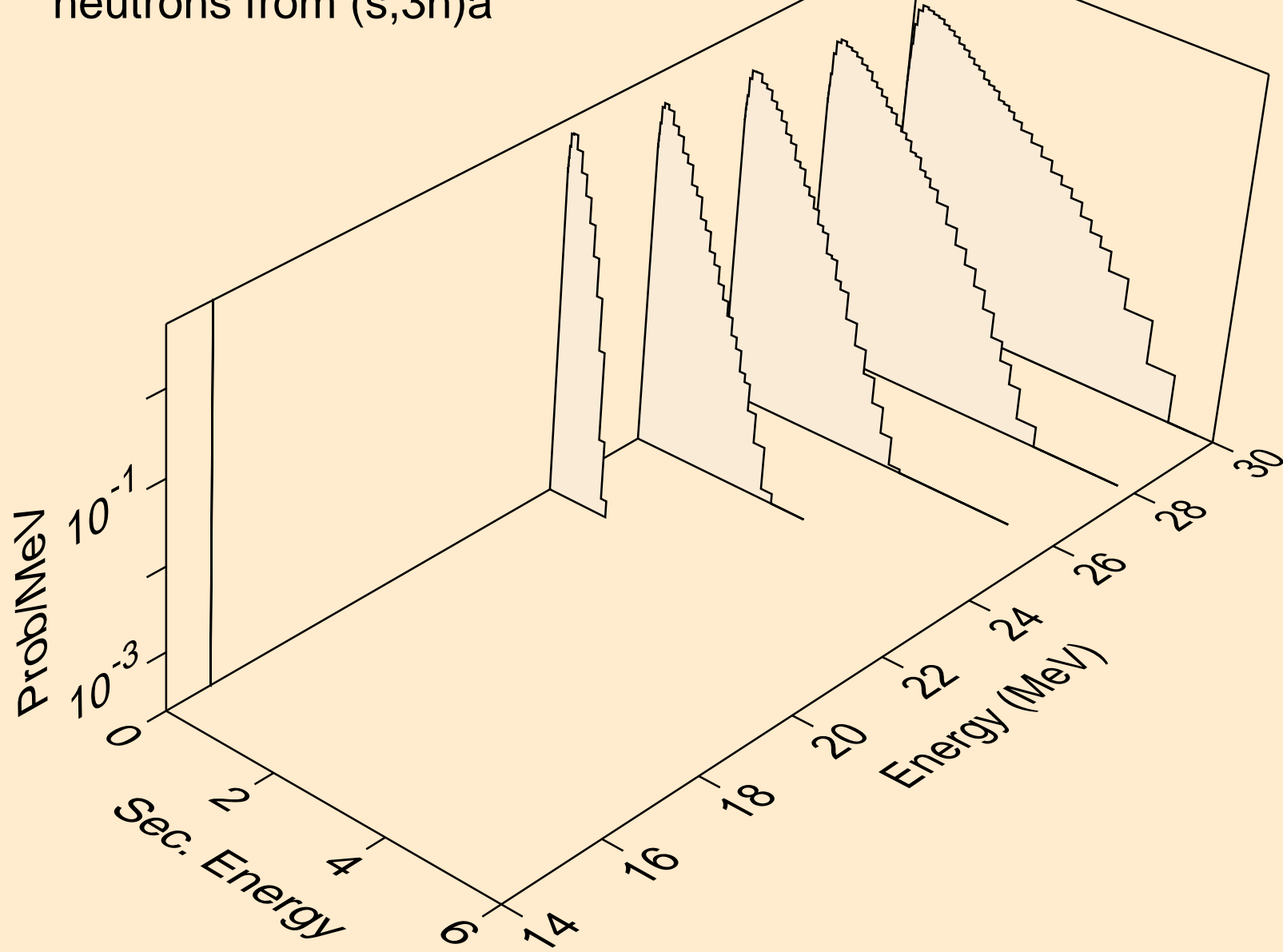


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neutrons from (s,2n)a

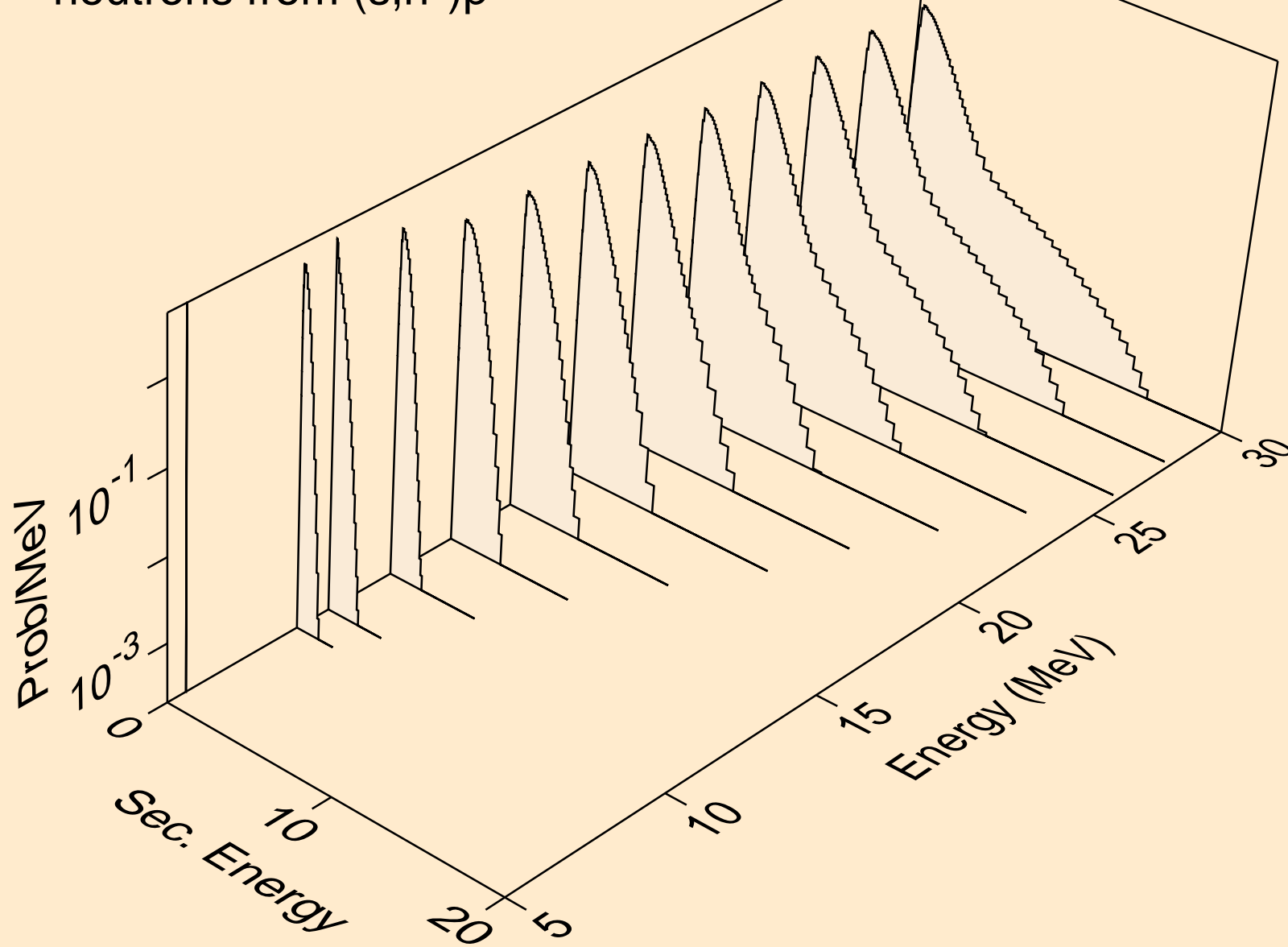




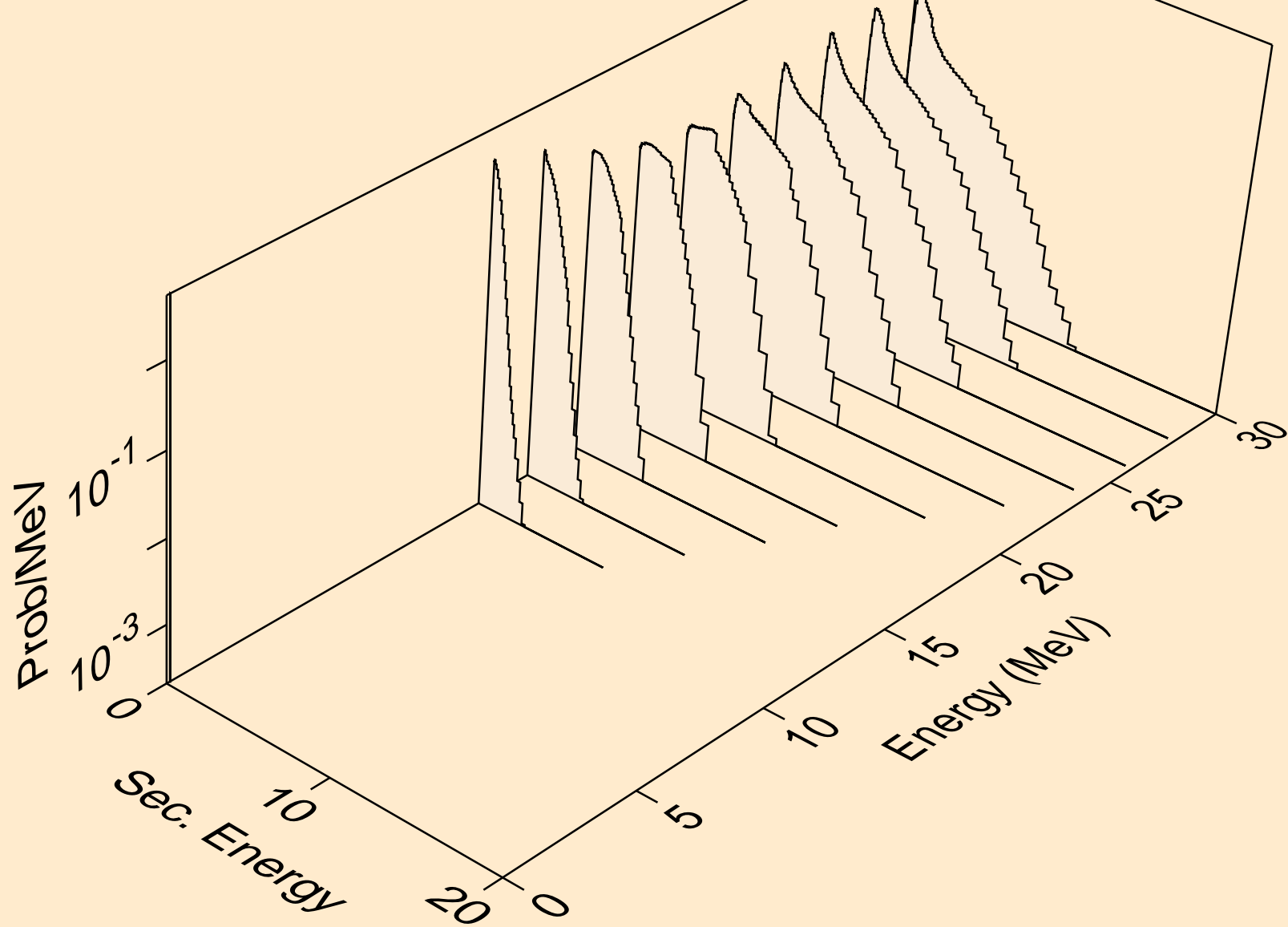
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neutrons from (s,3n)a



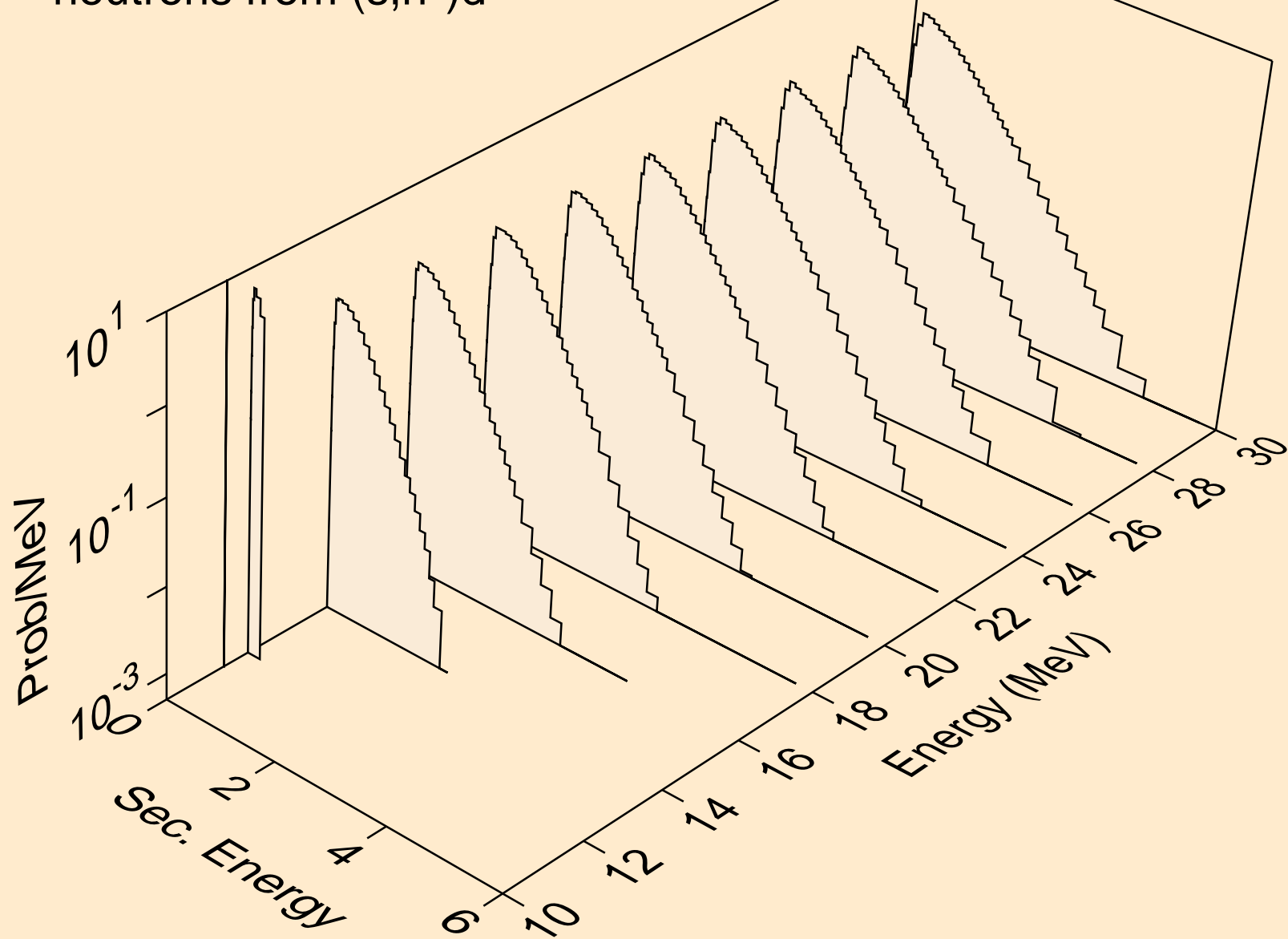
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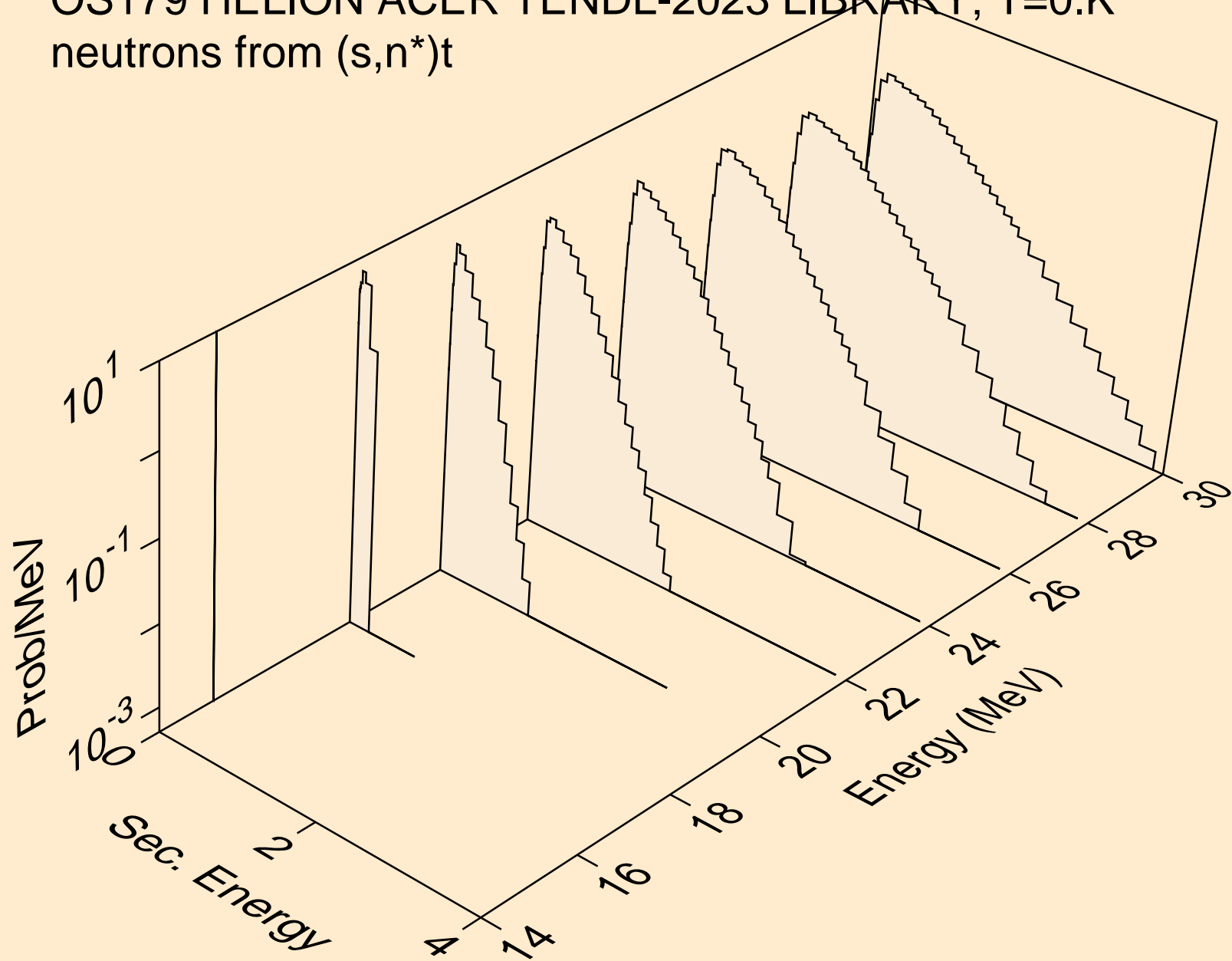
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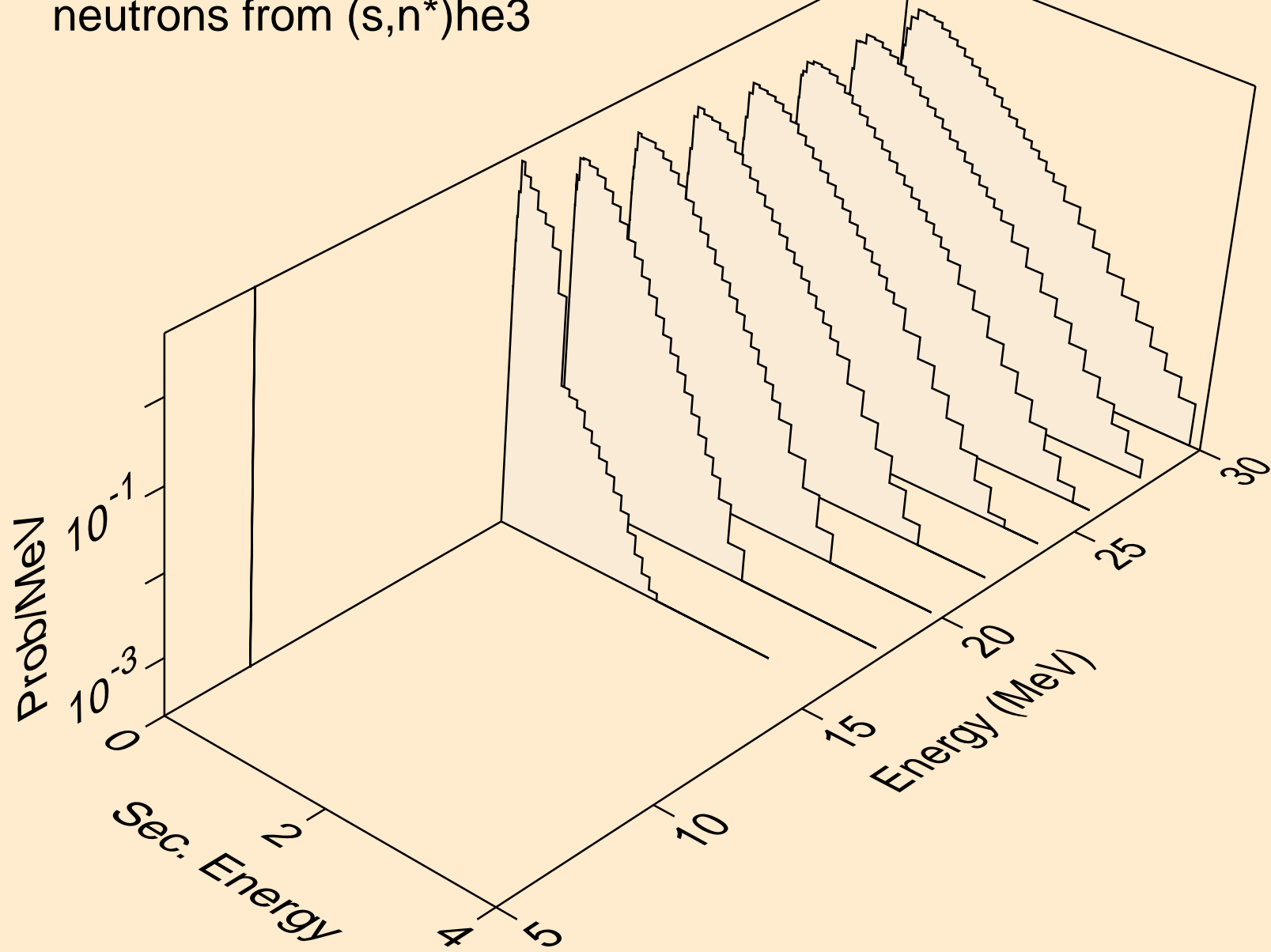
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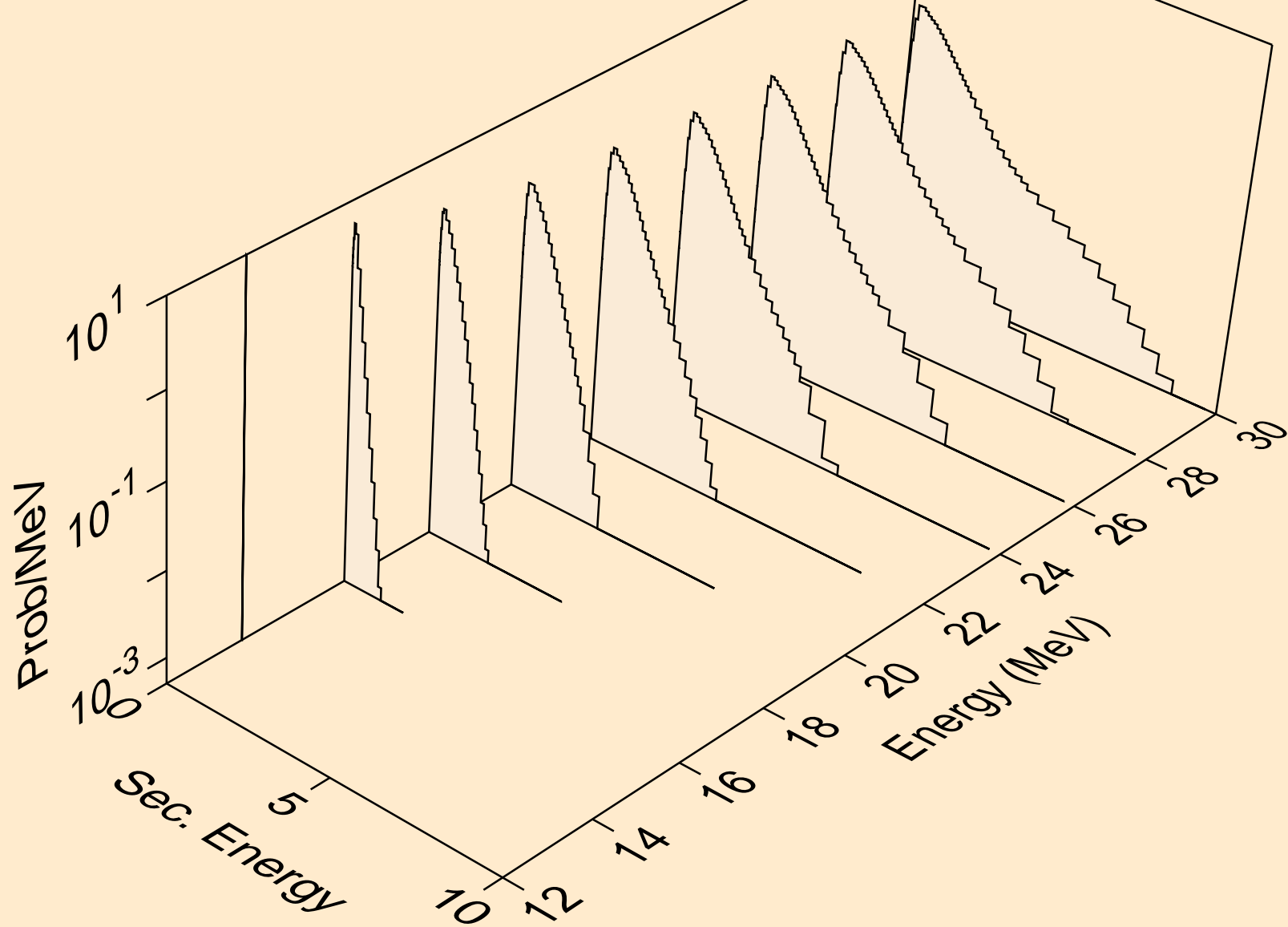
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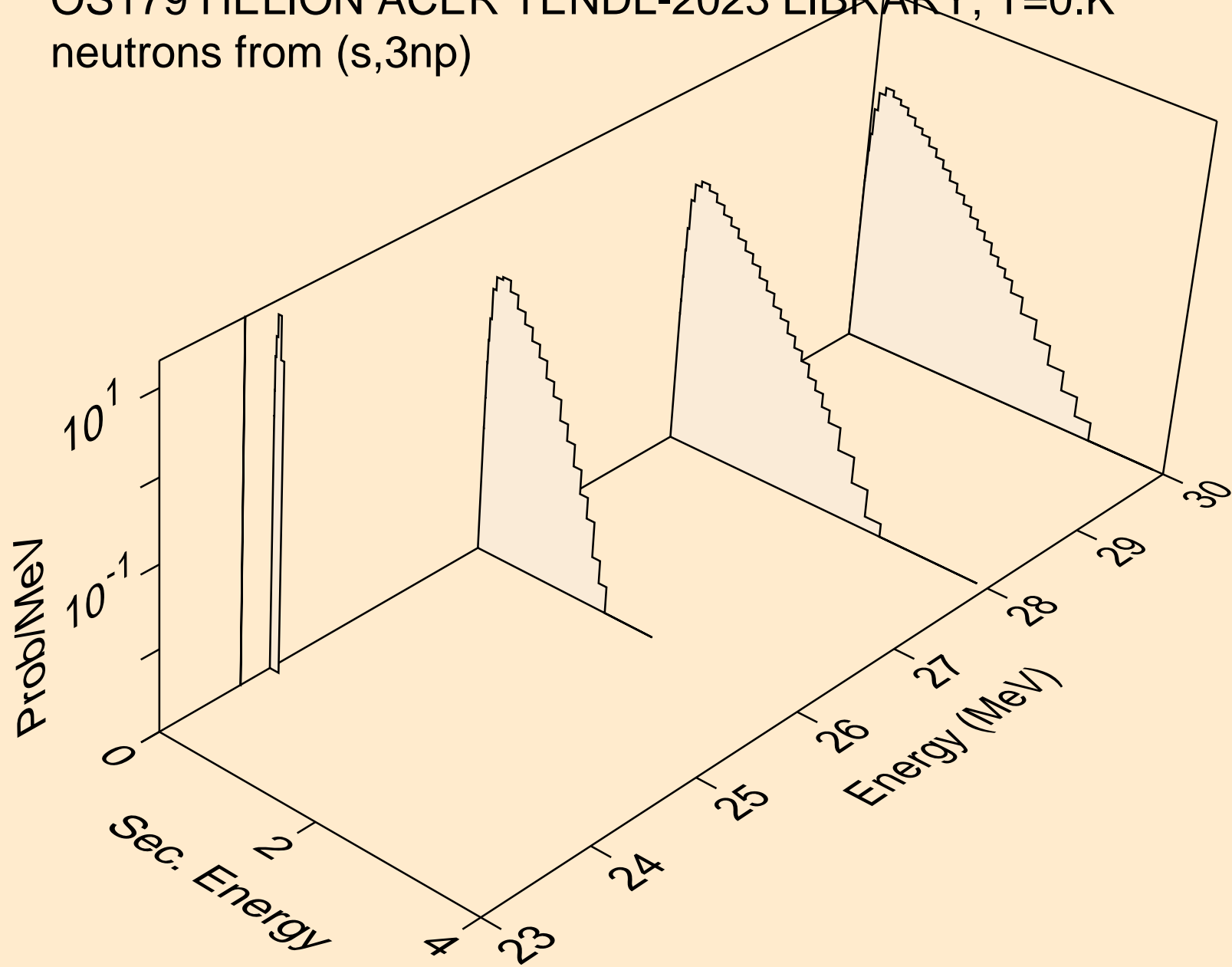
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

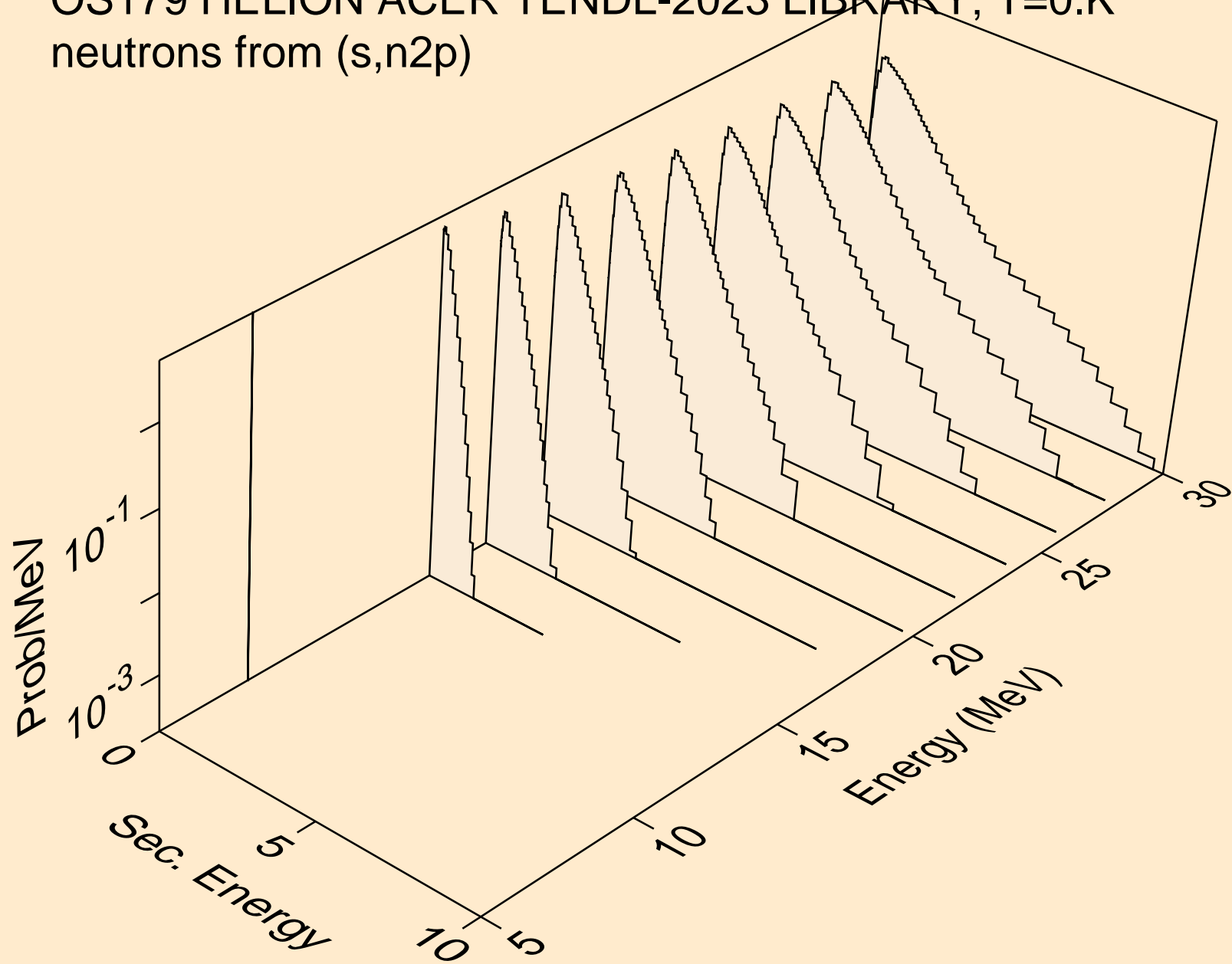


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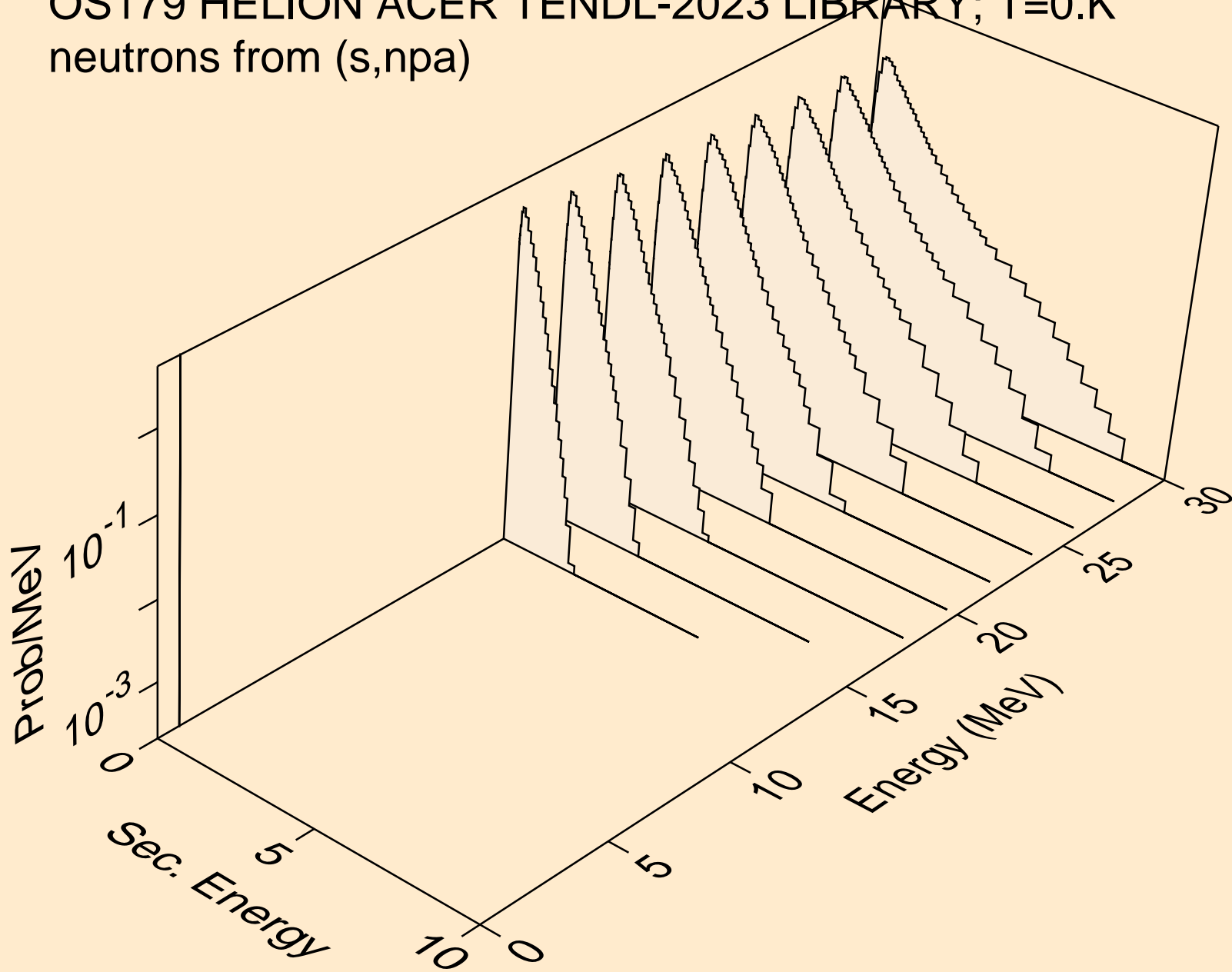




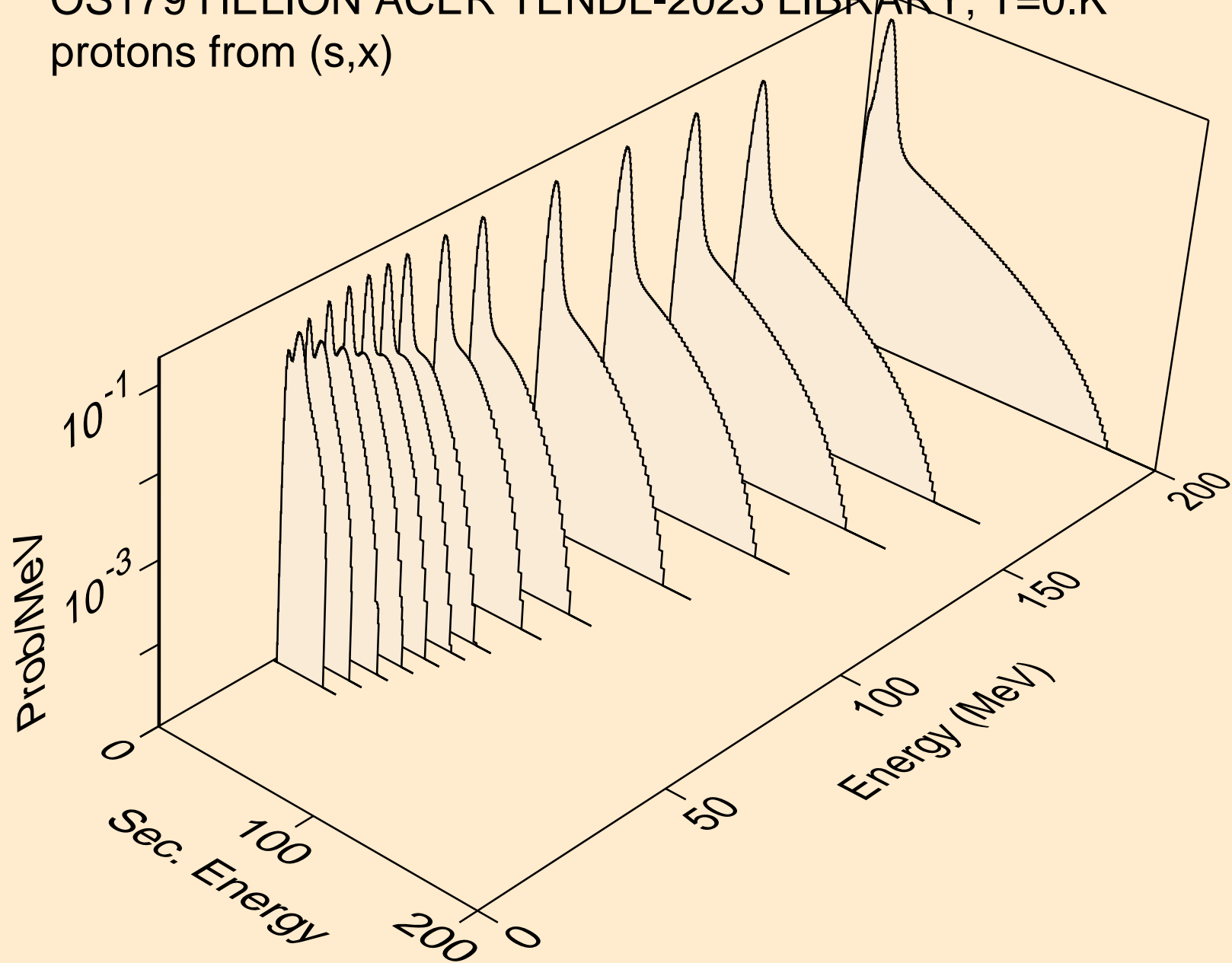
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neutrons from (s,n2p)



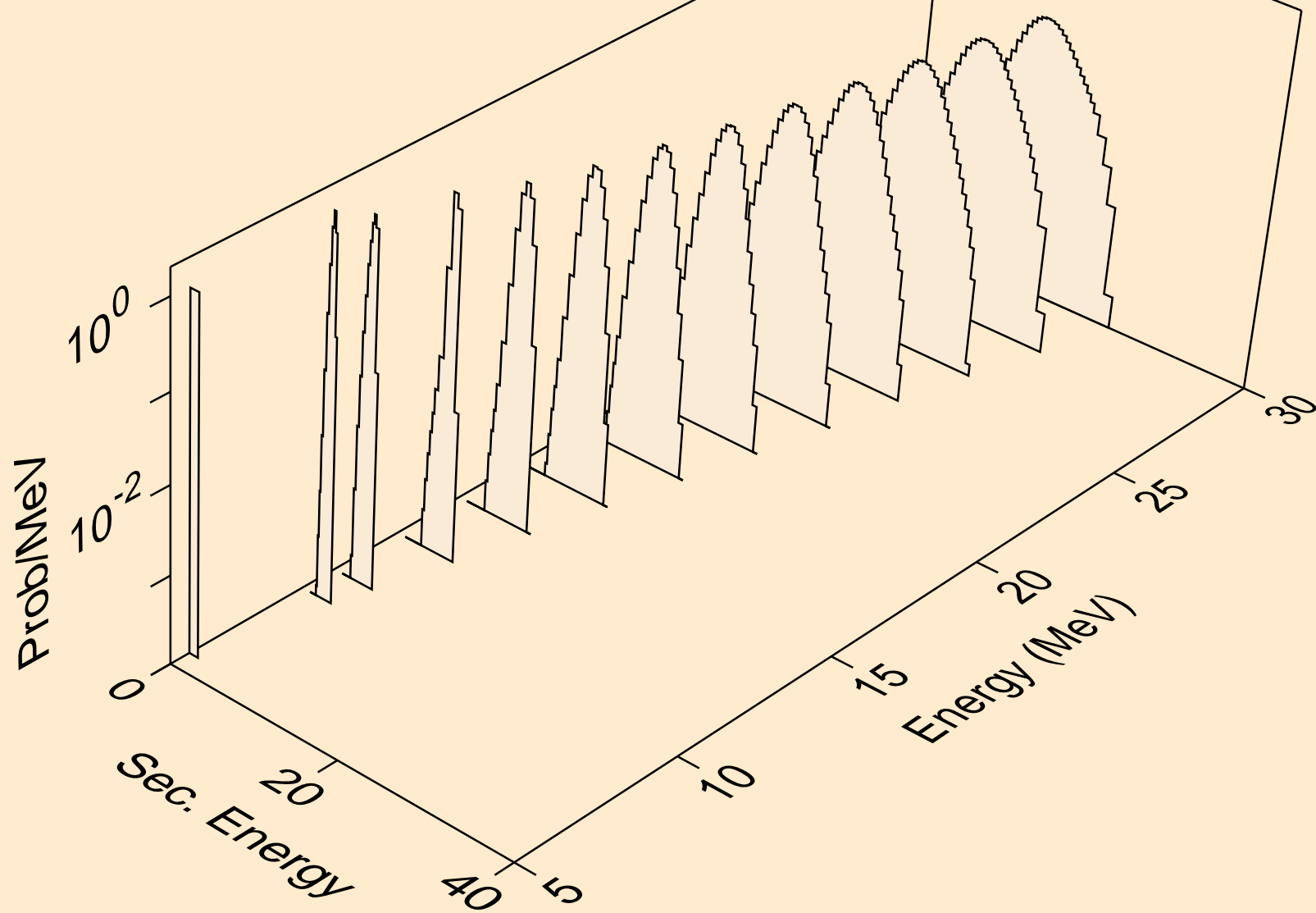
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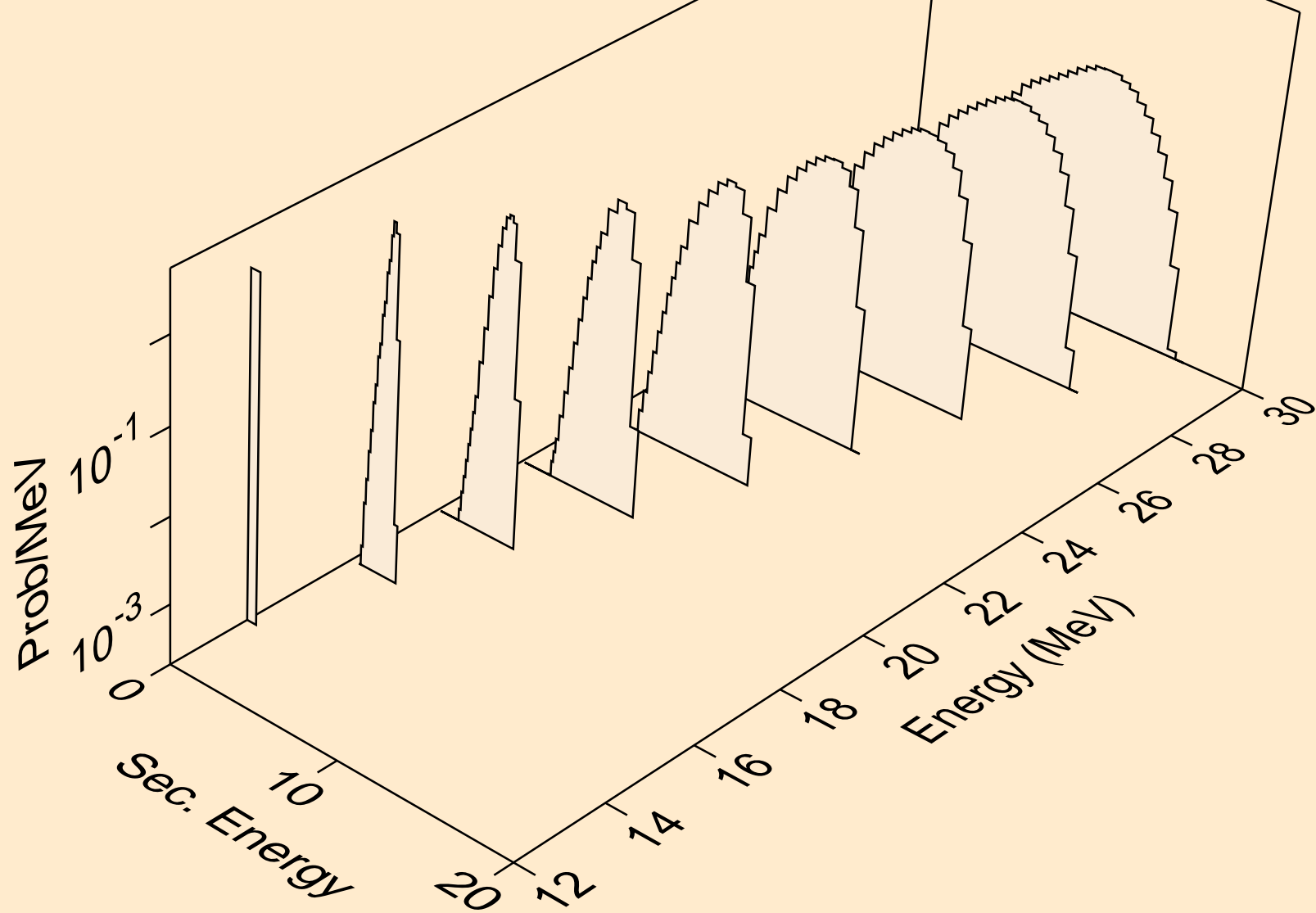
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



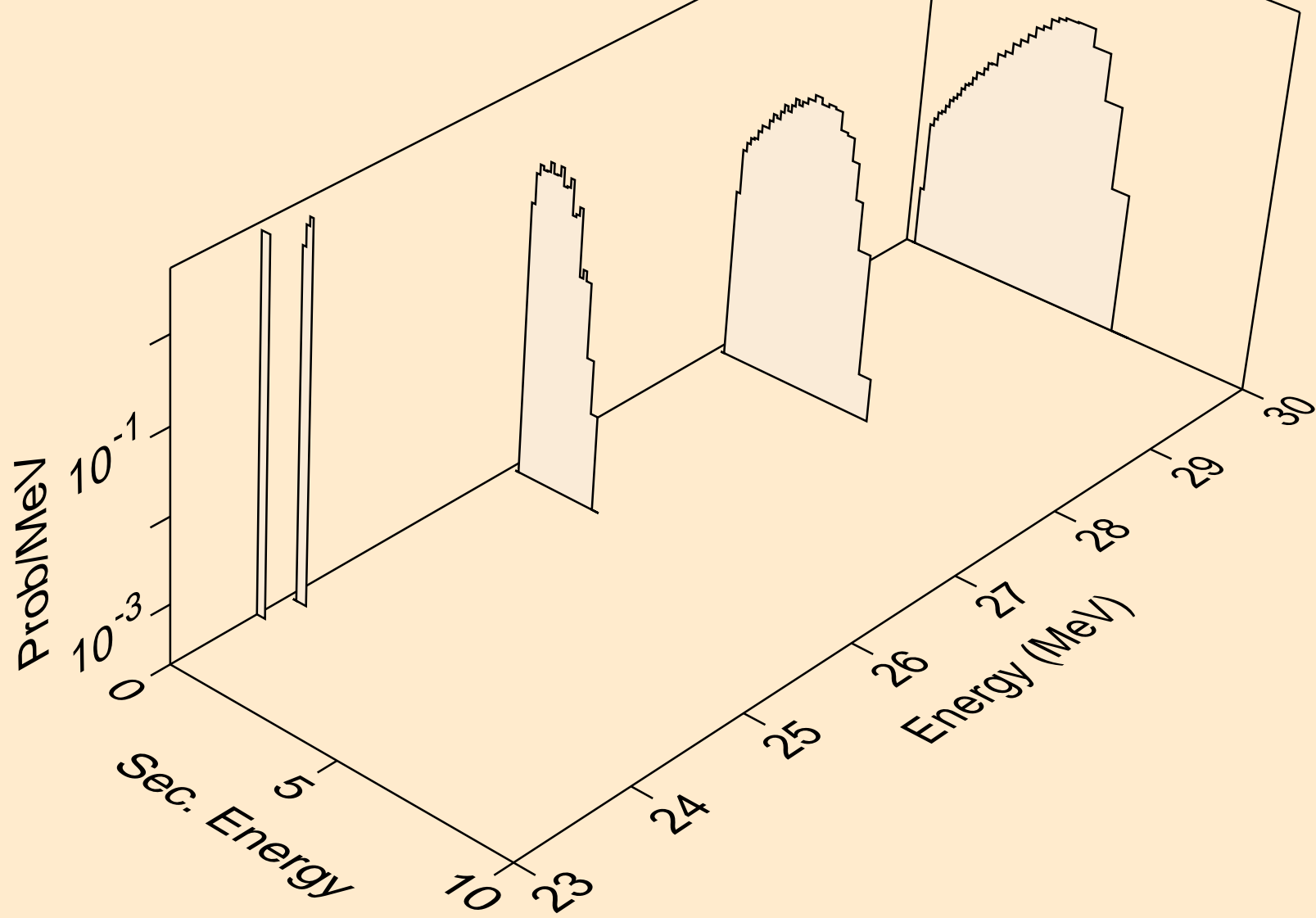
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protons from (s,n\*)p



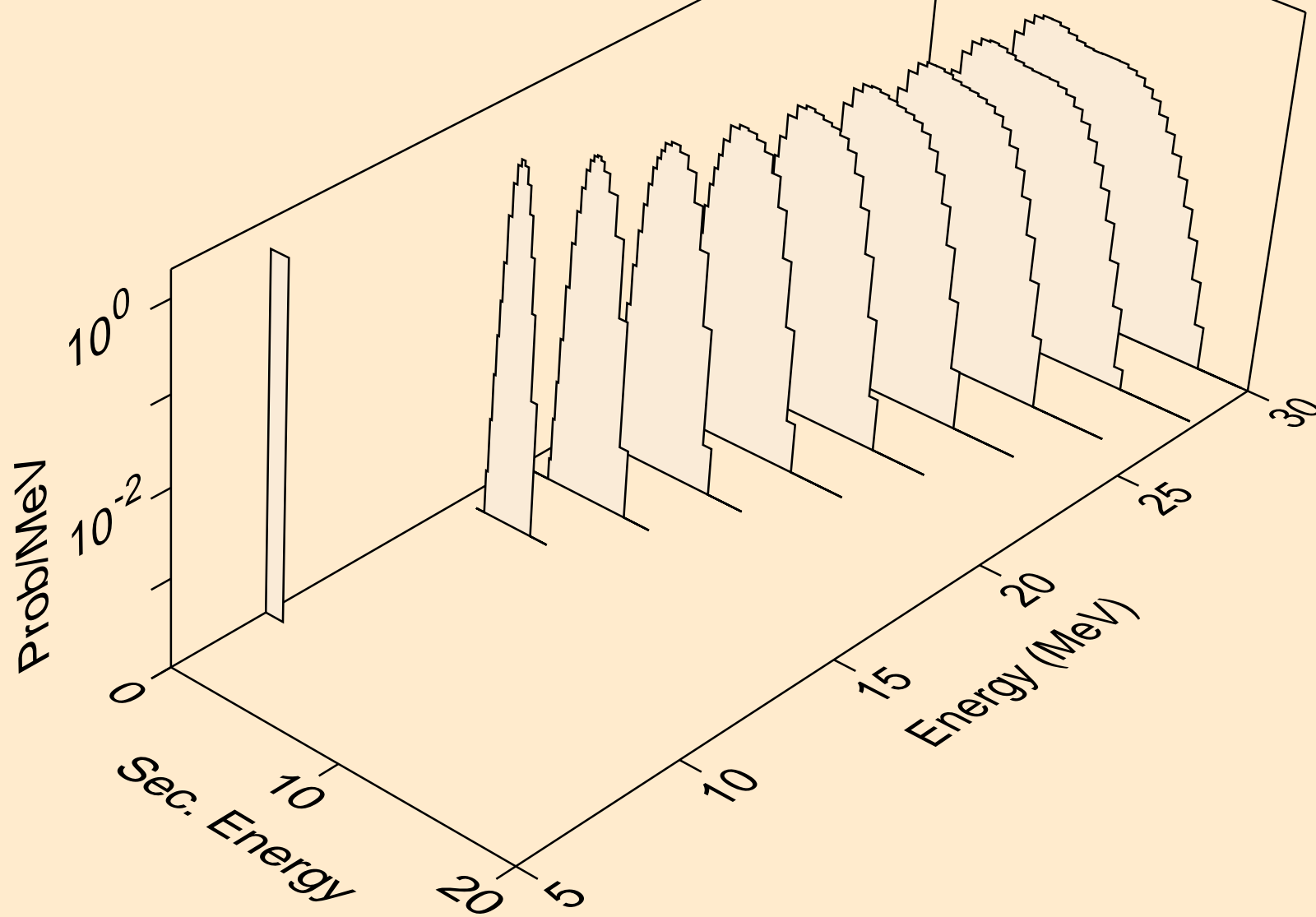
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protons from (s,2np)



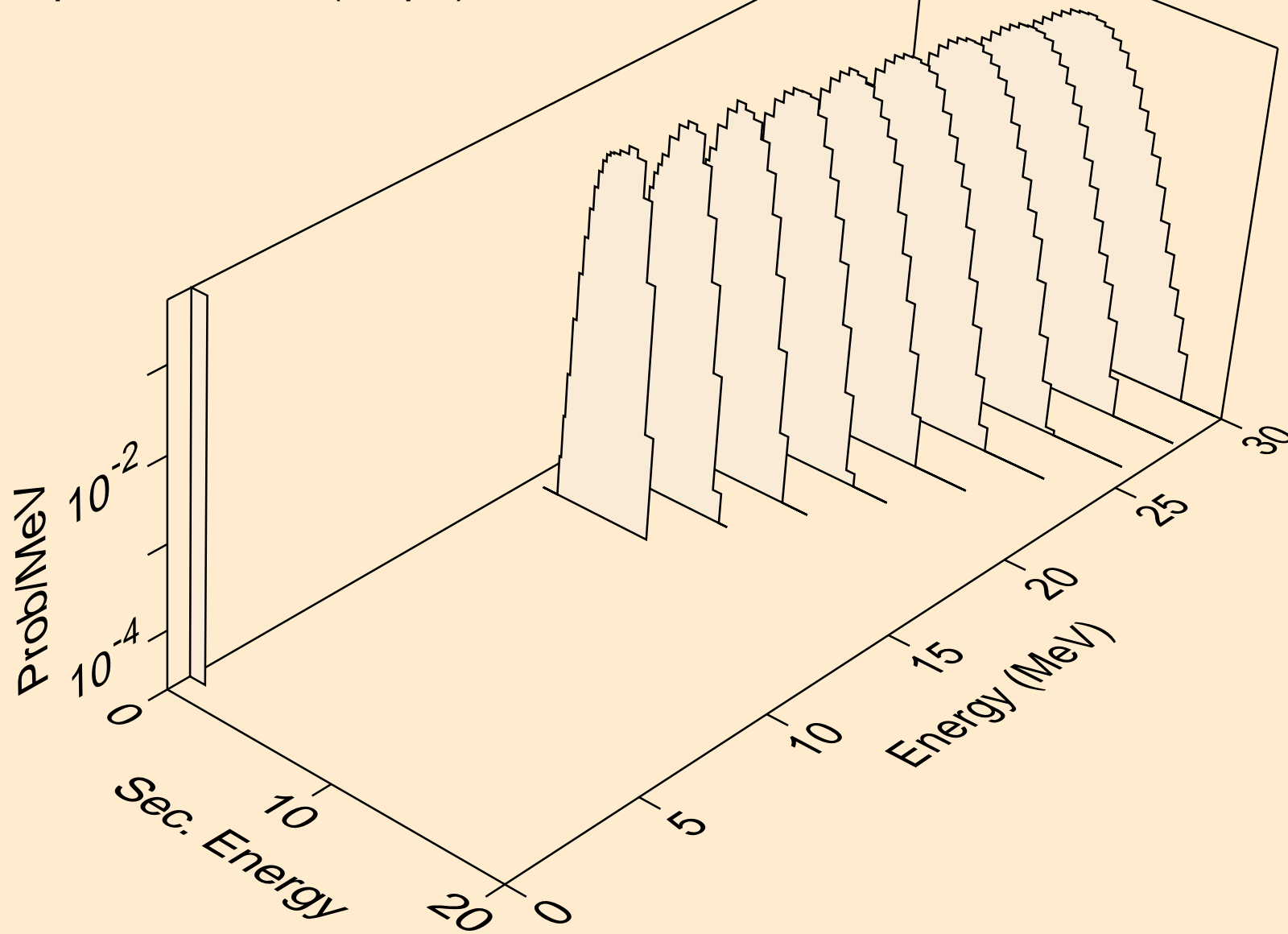
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)



OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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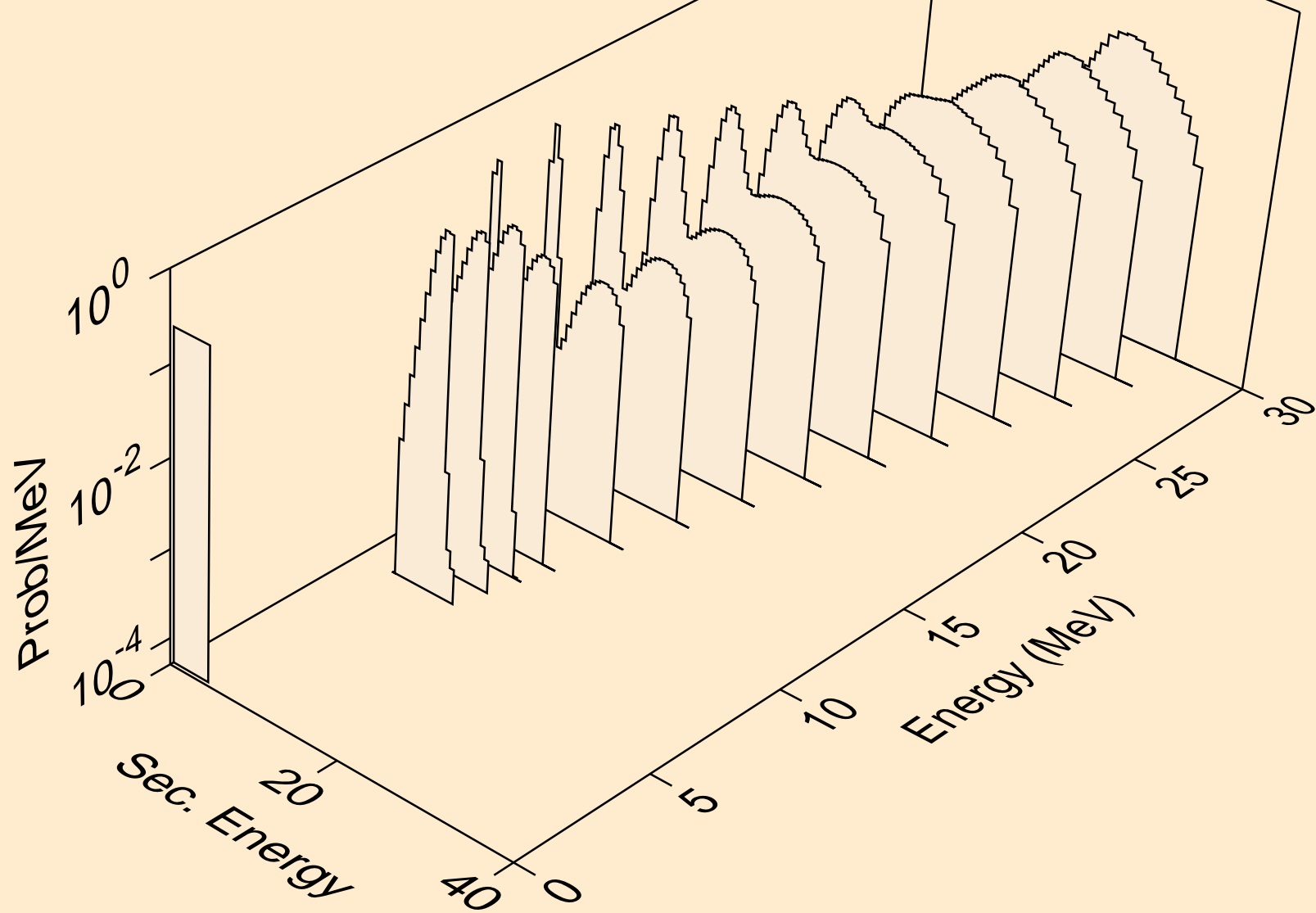


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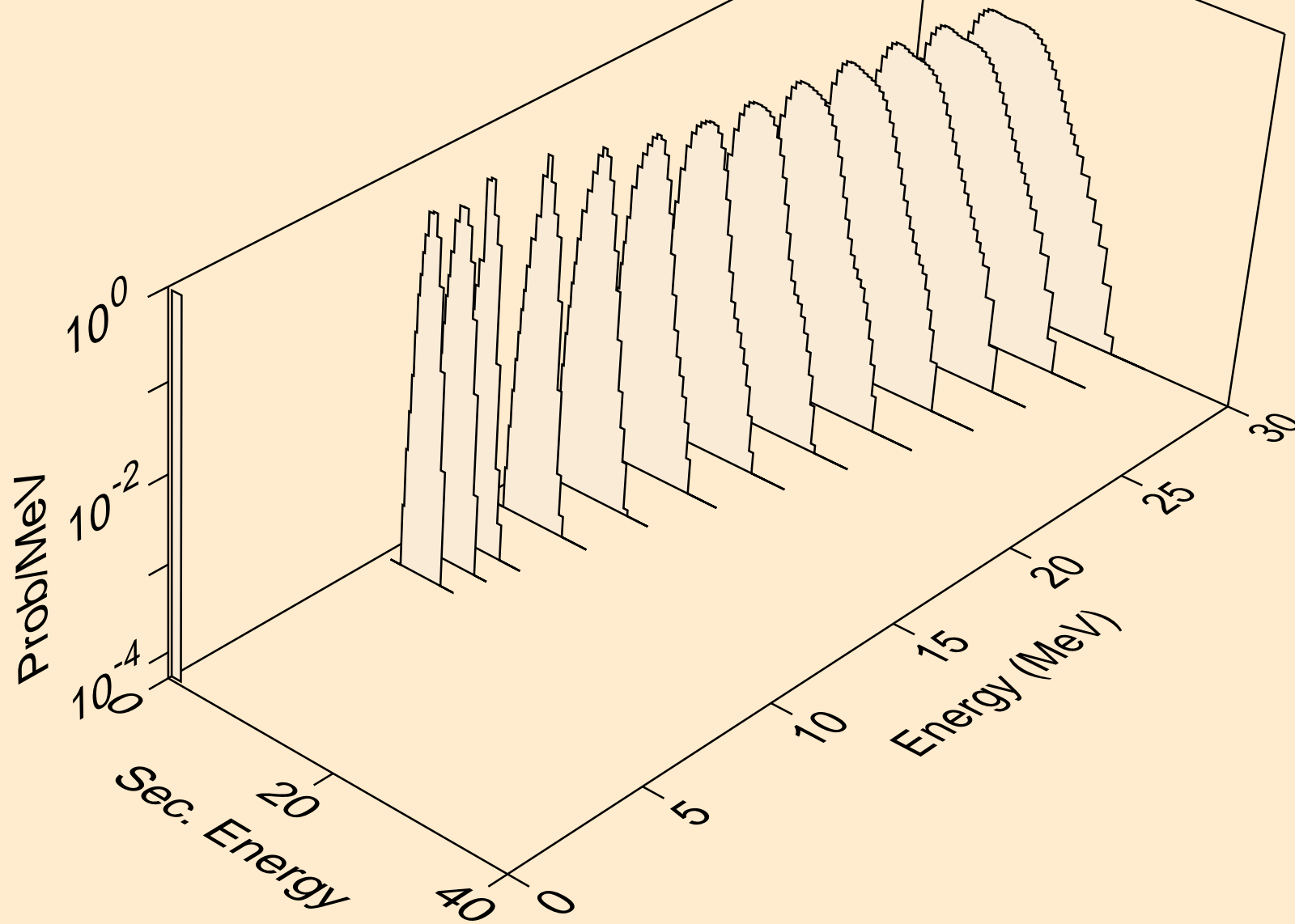




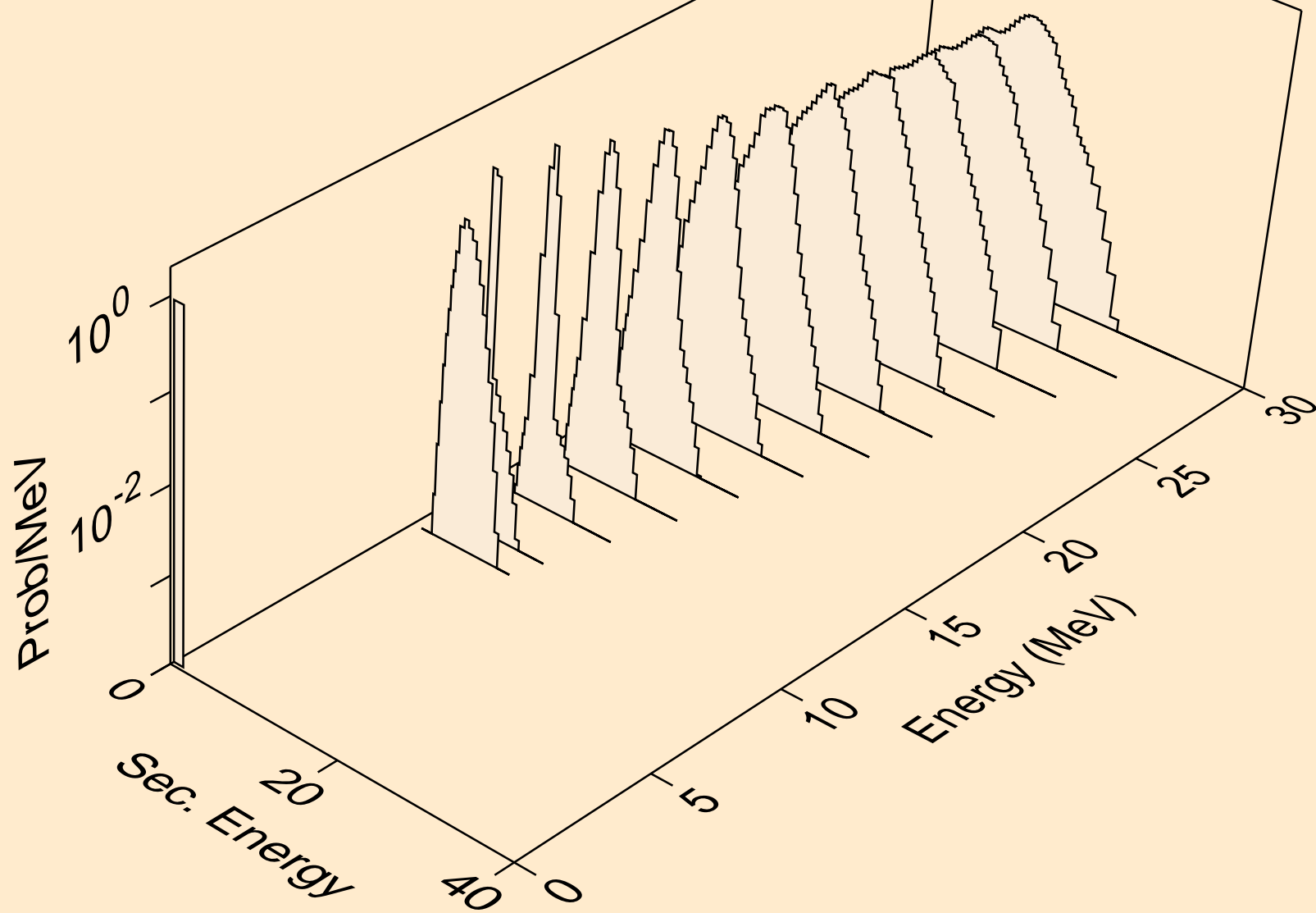
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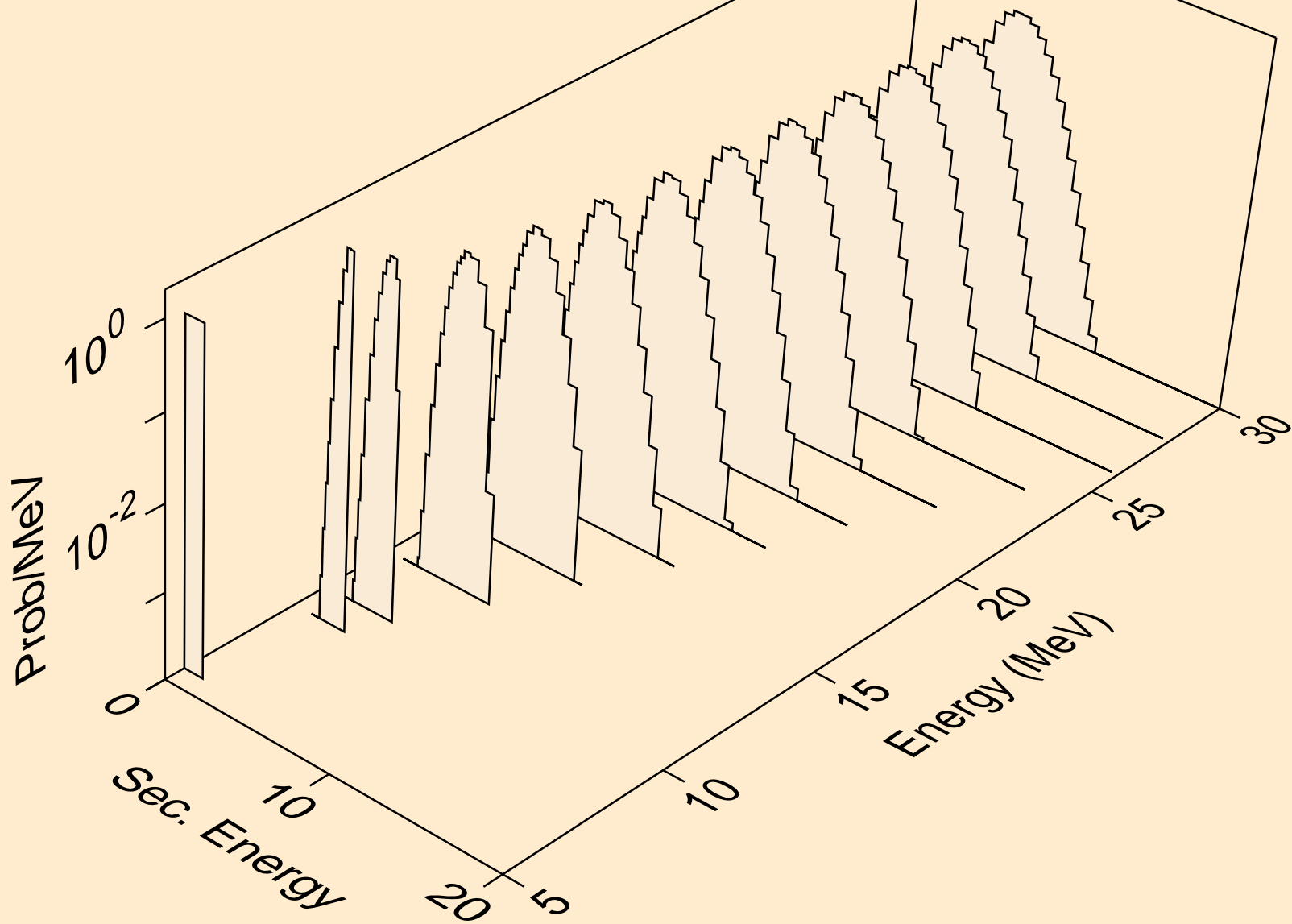
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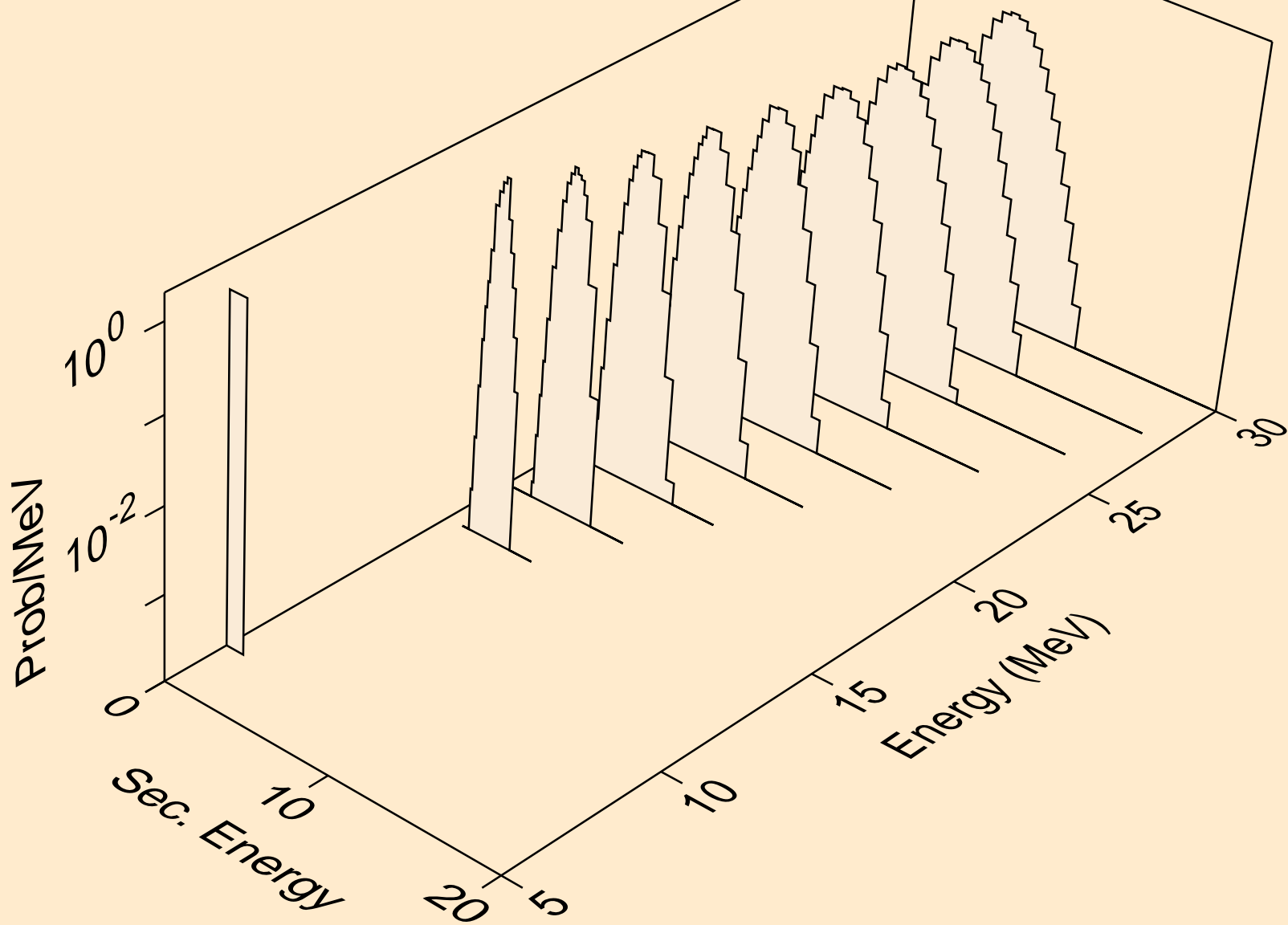
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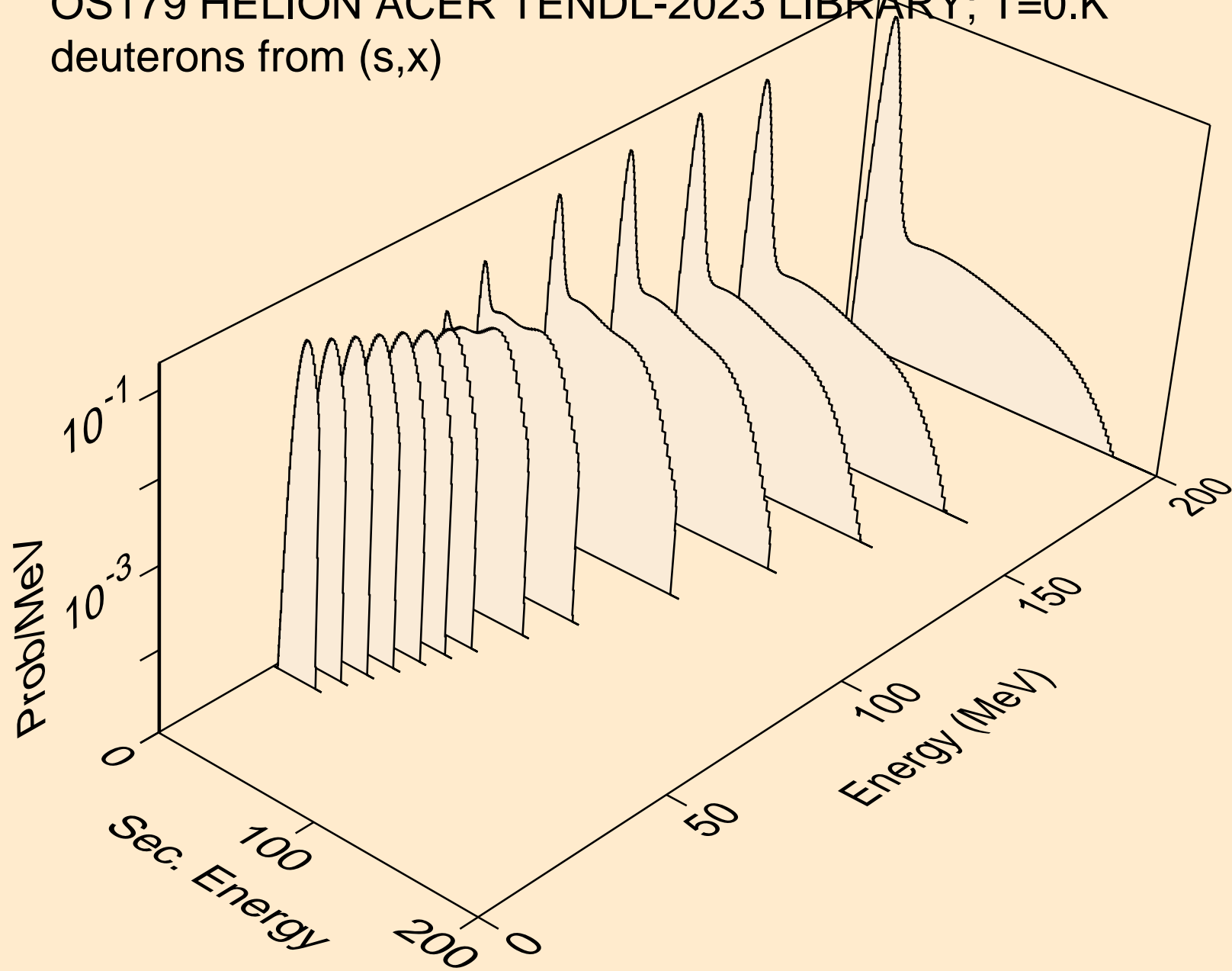
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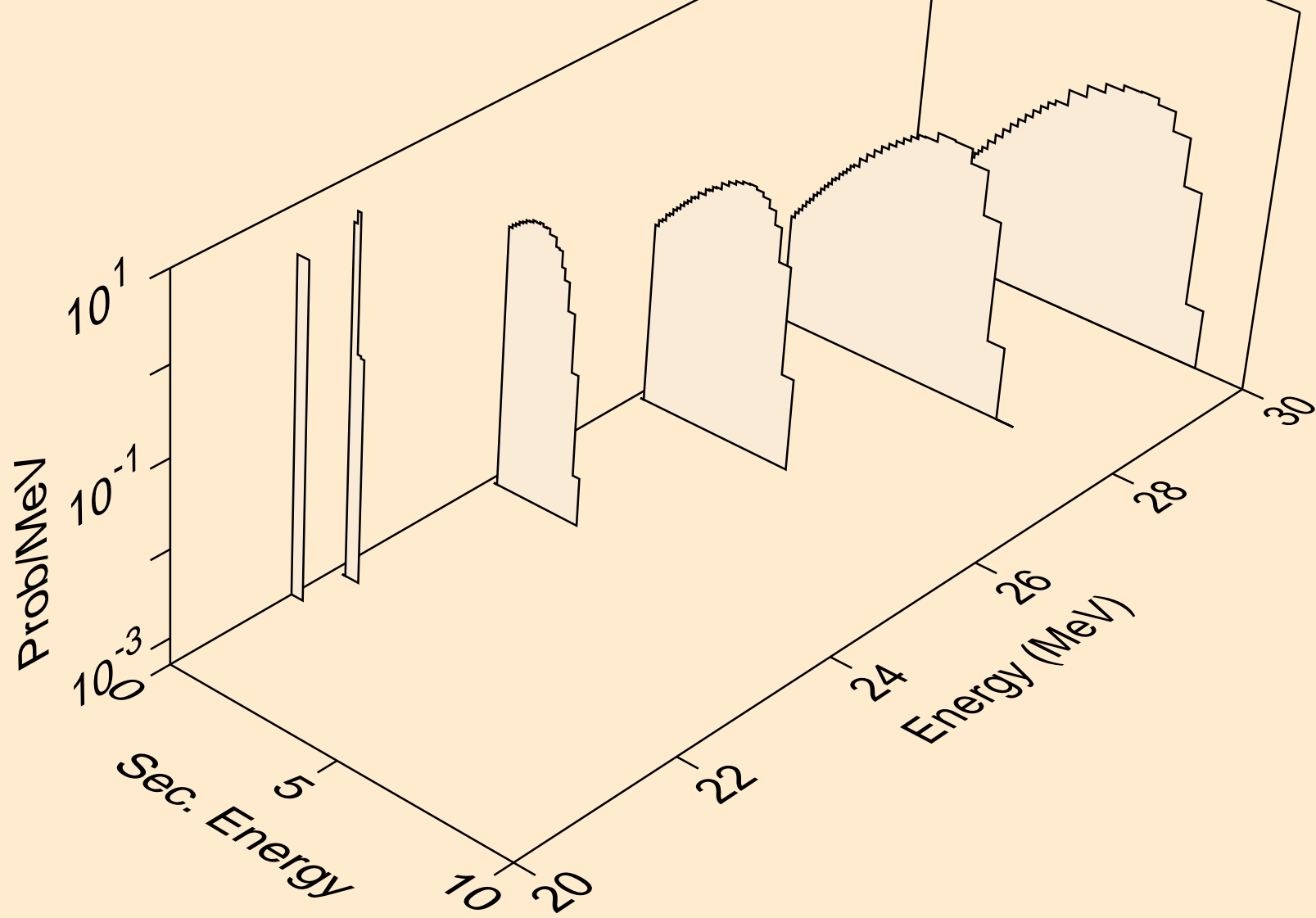
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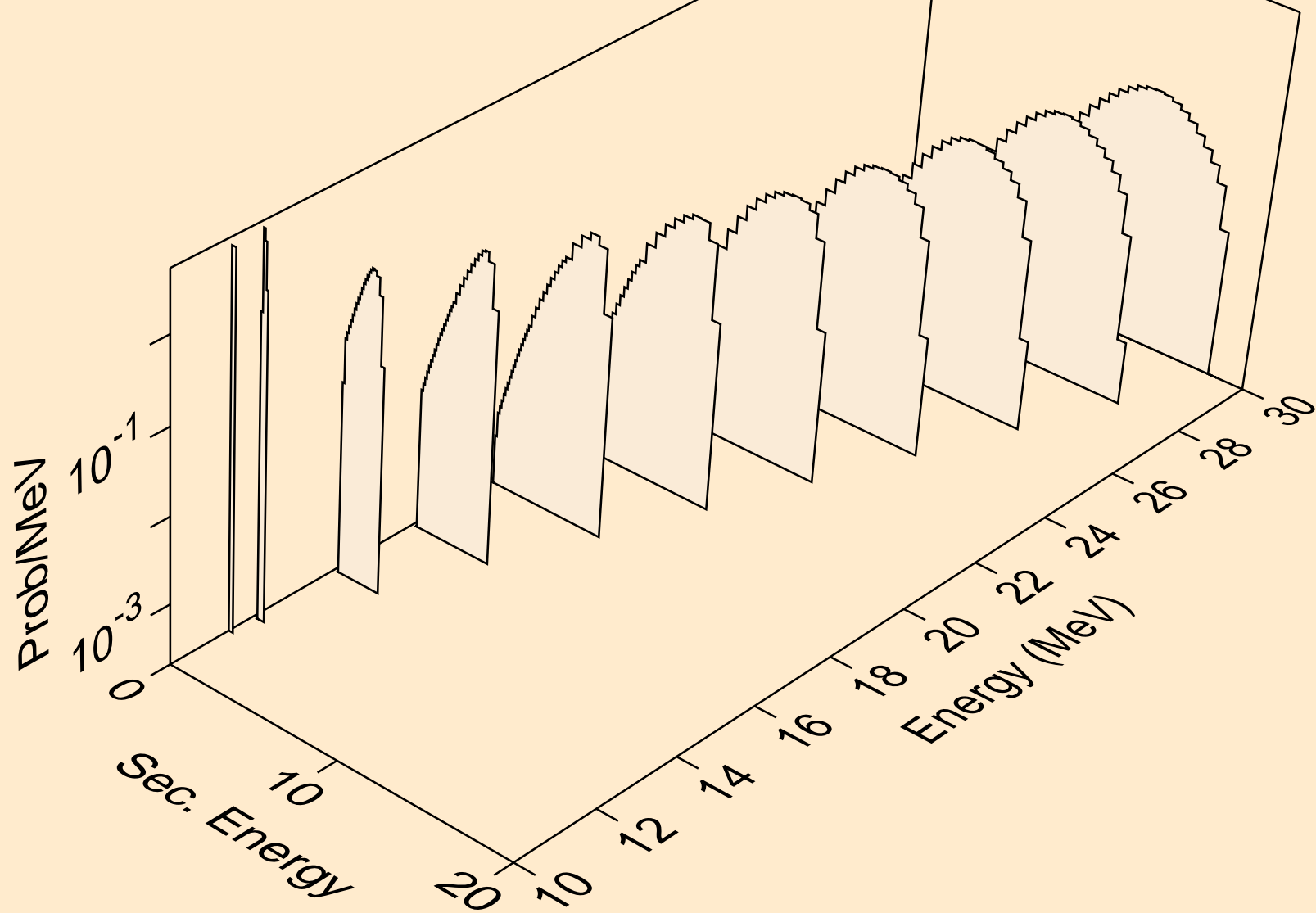
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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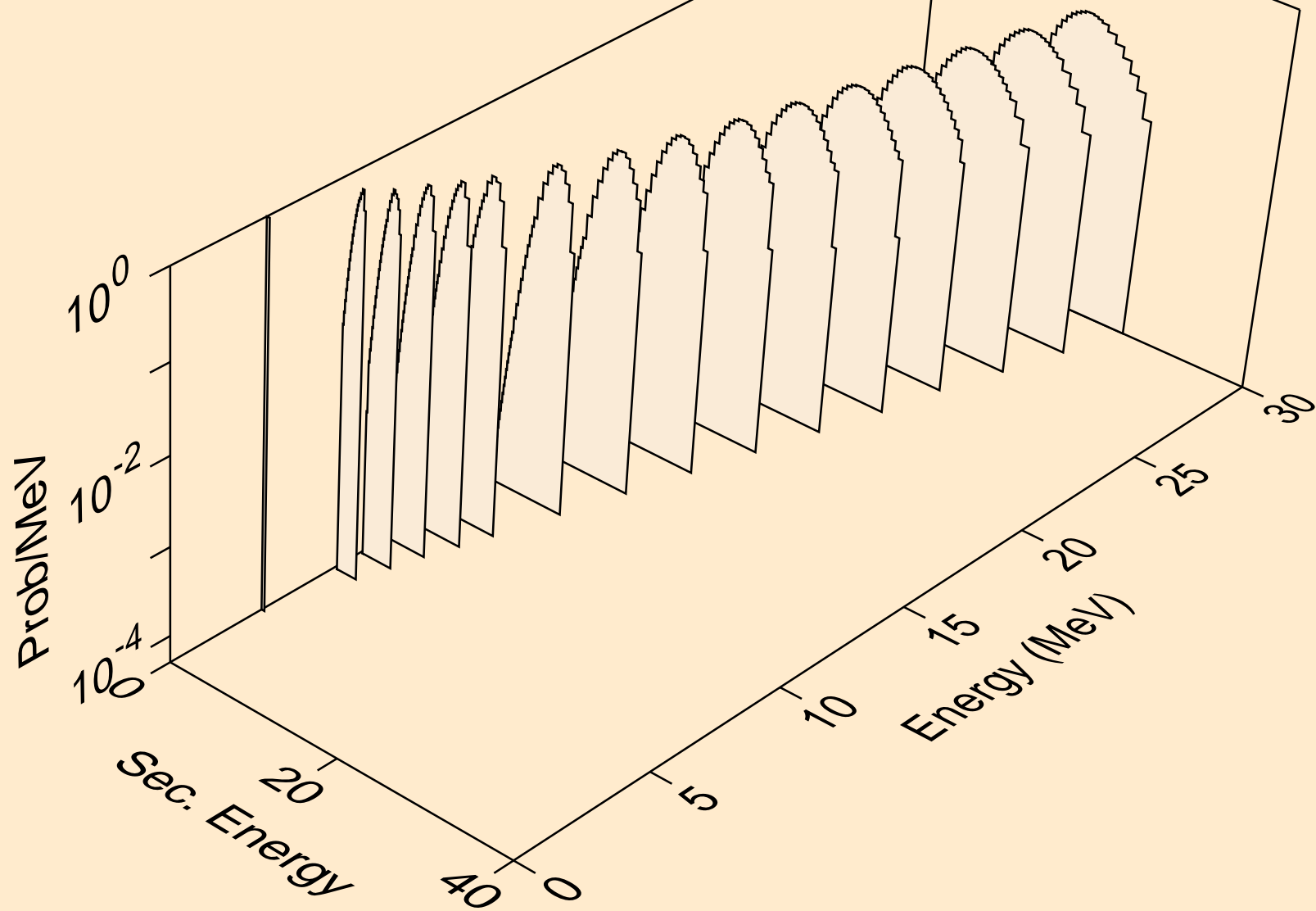


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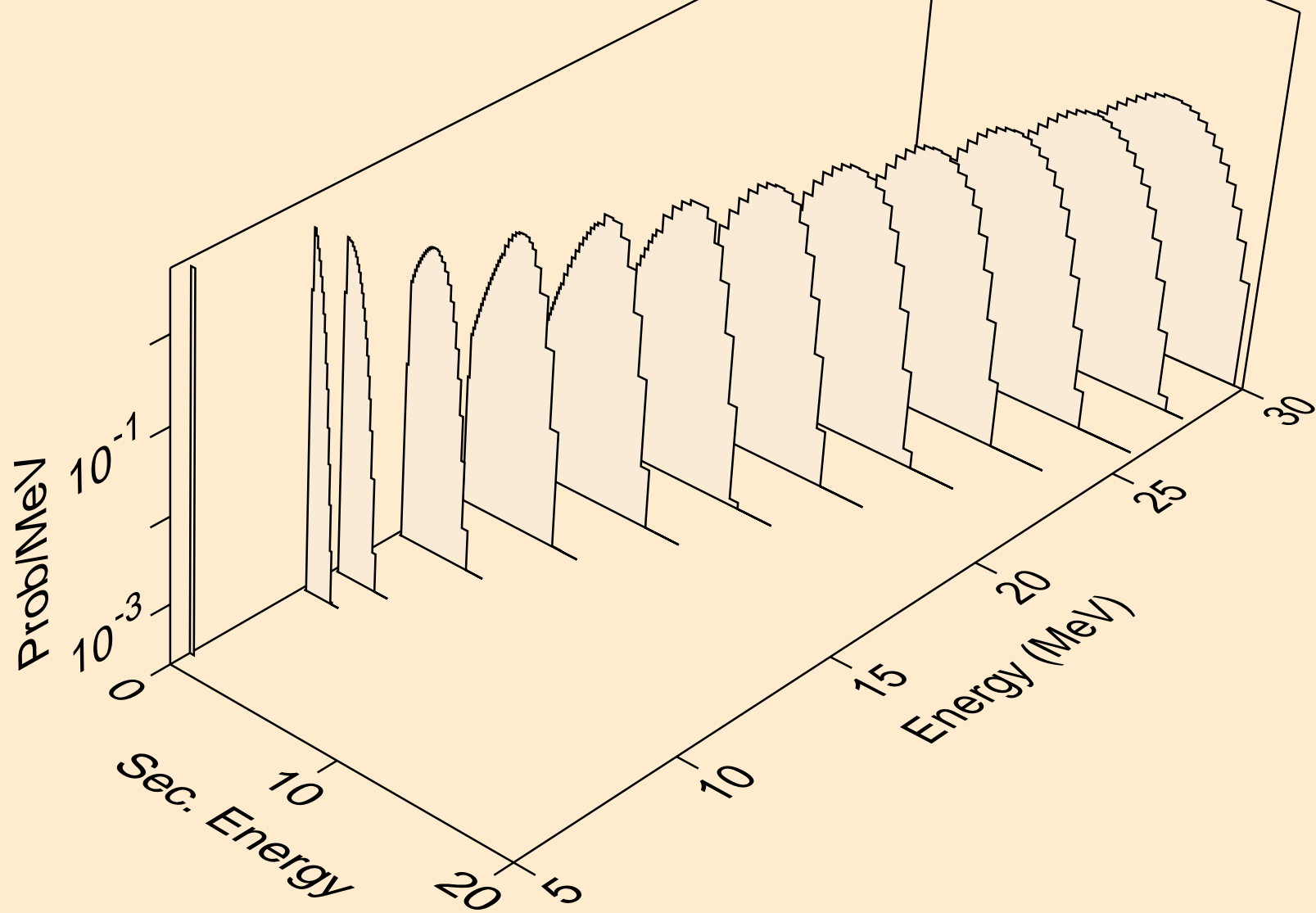




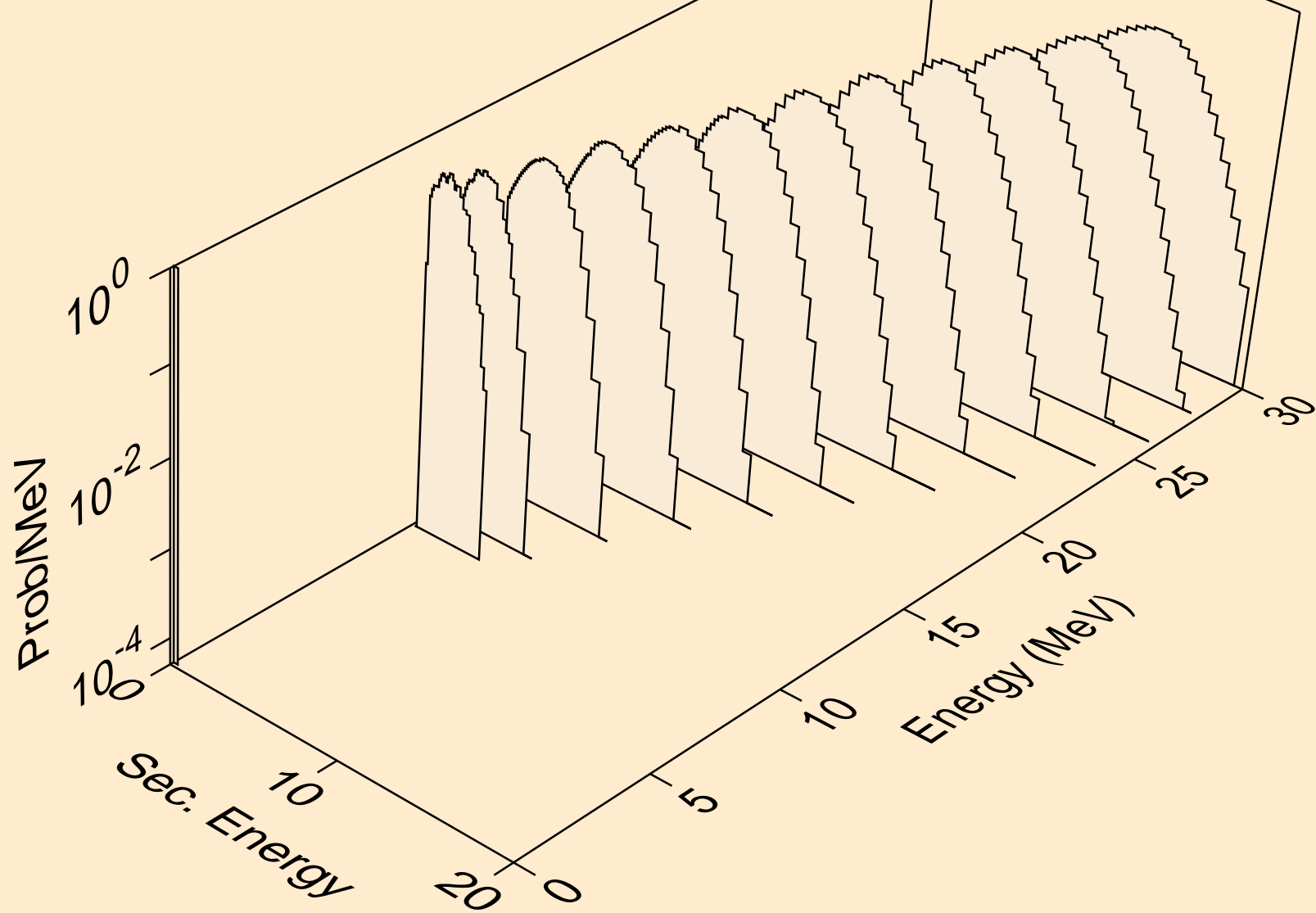
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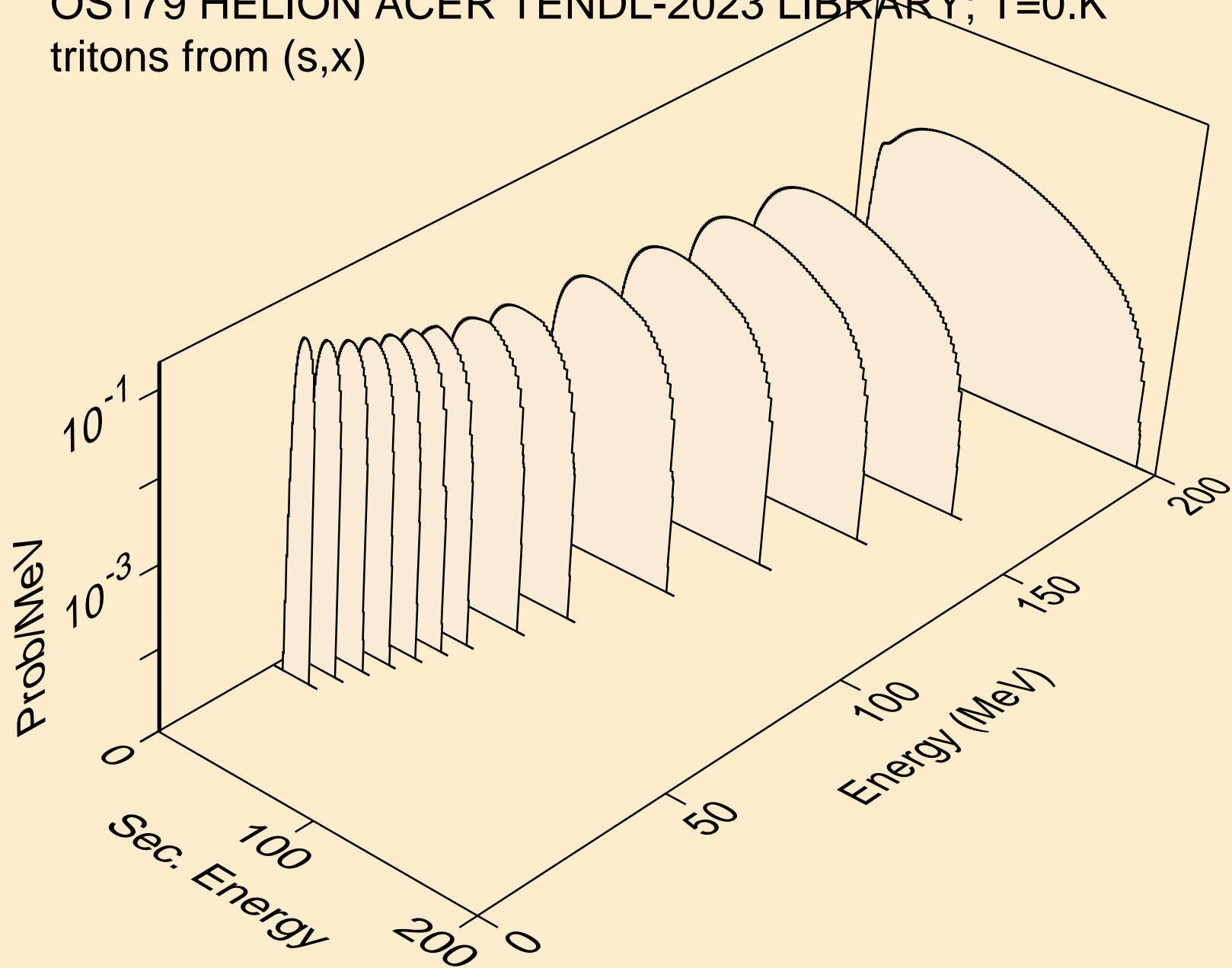
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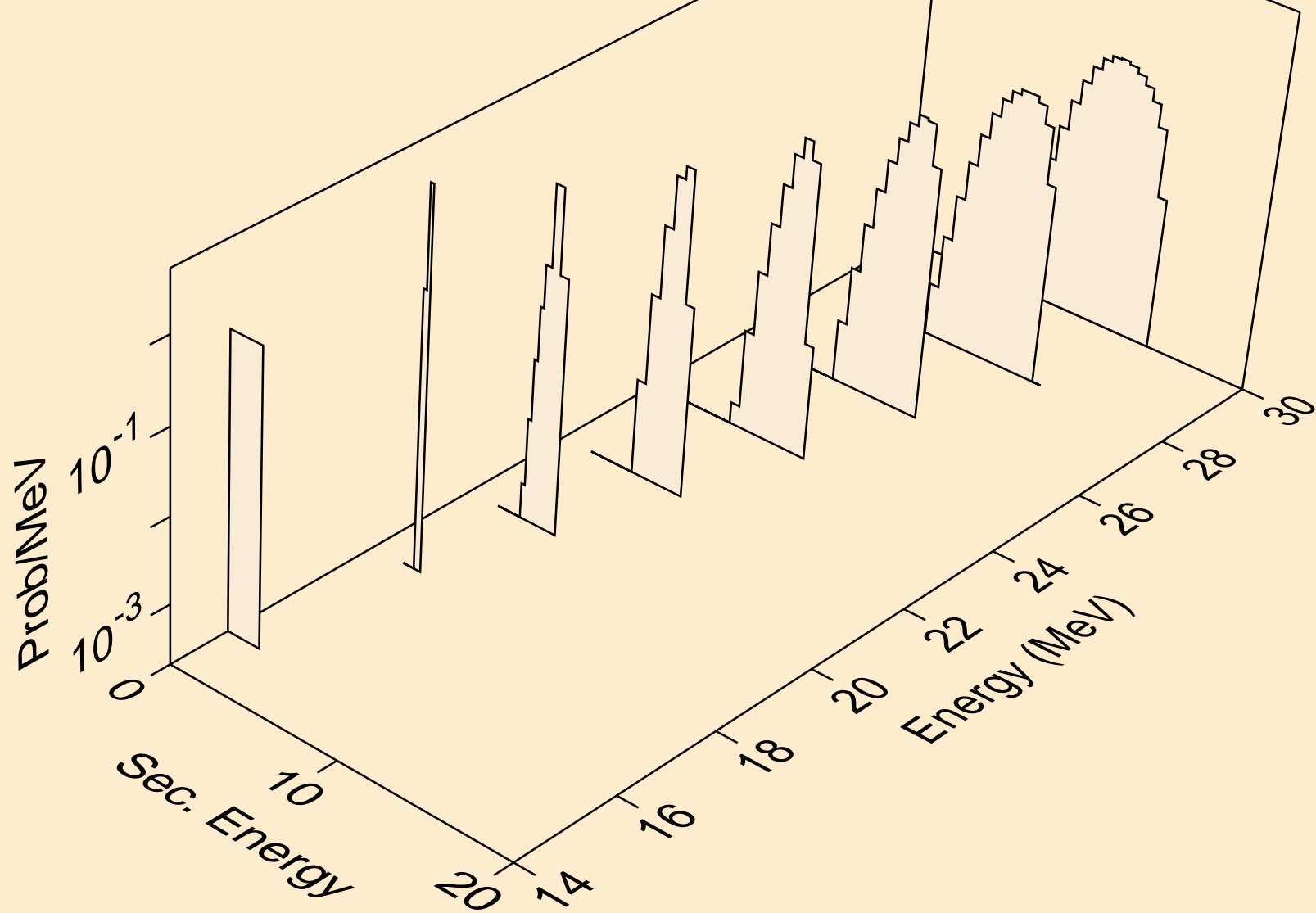
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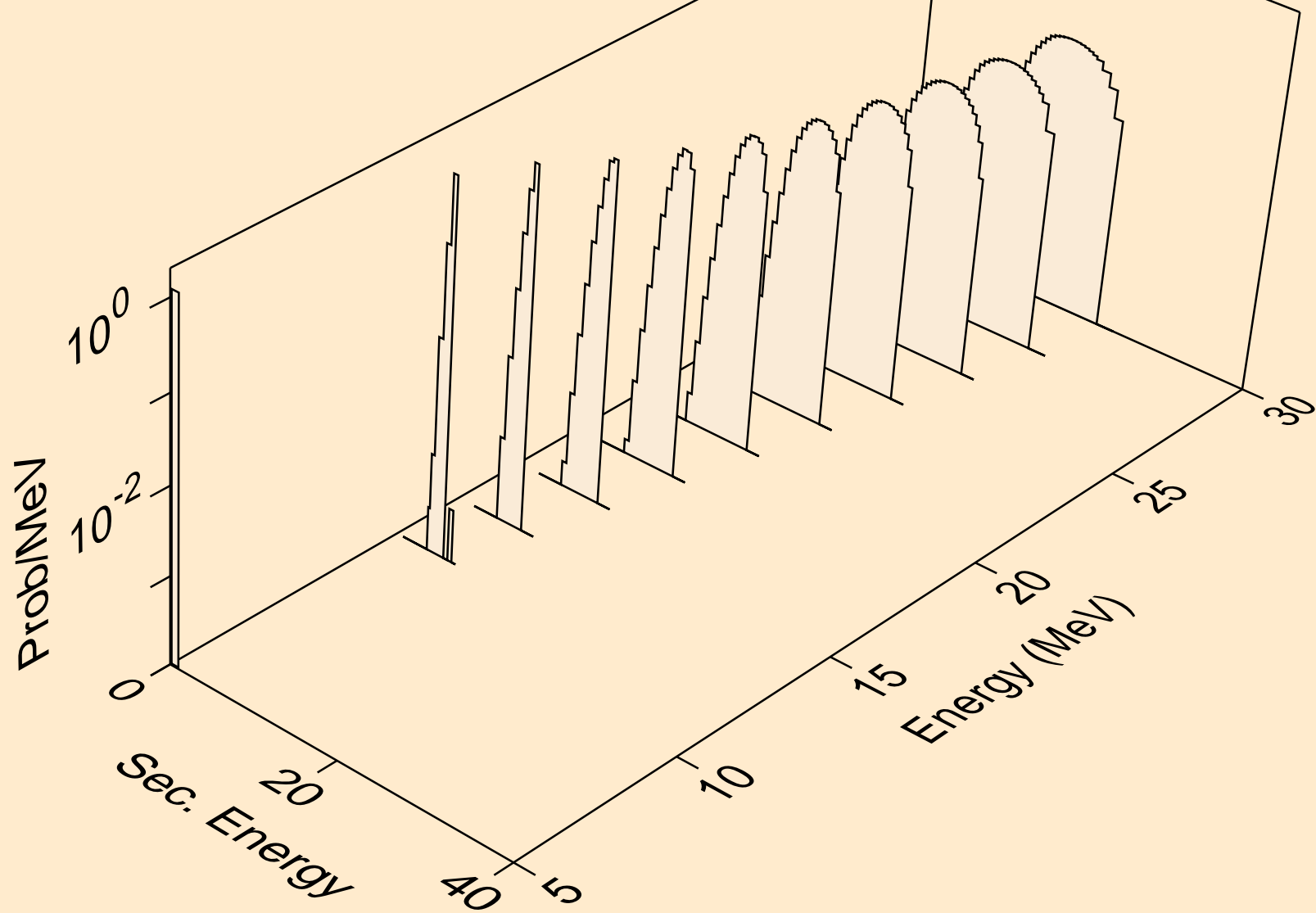
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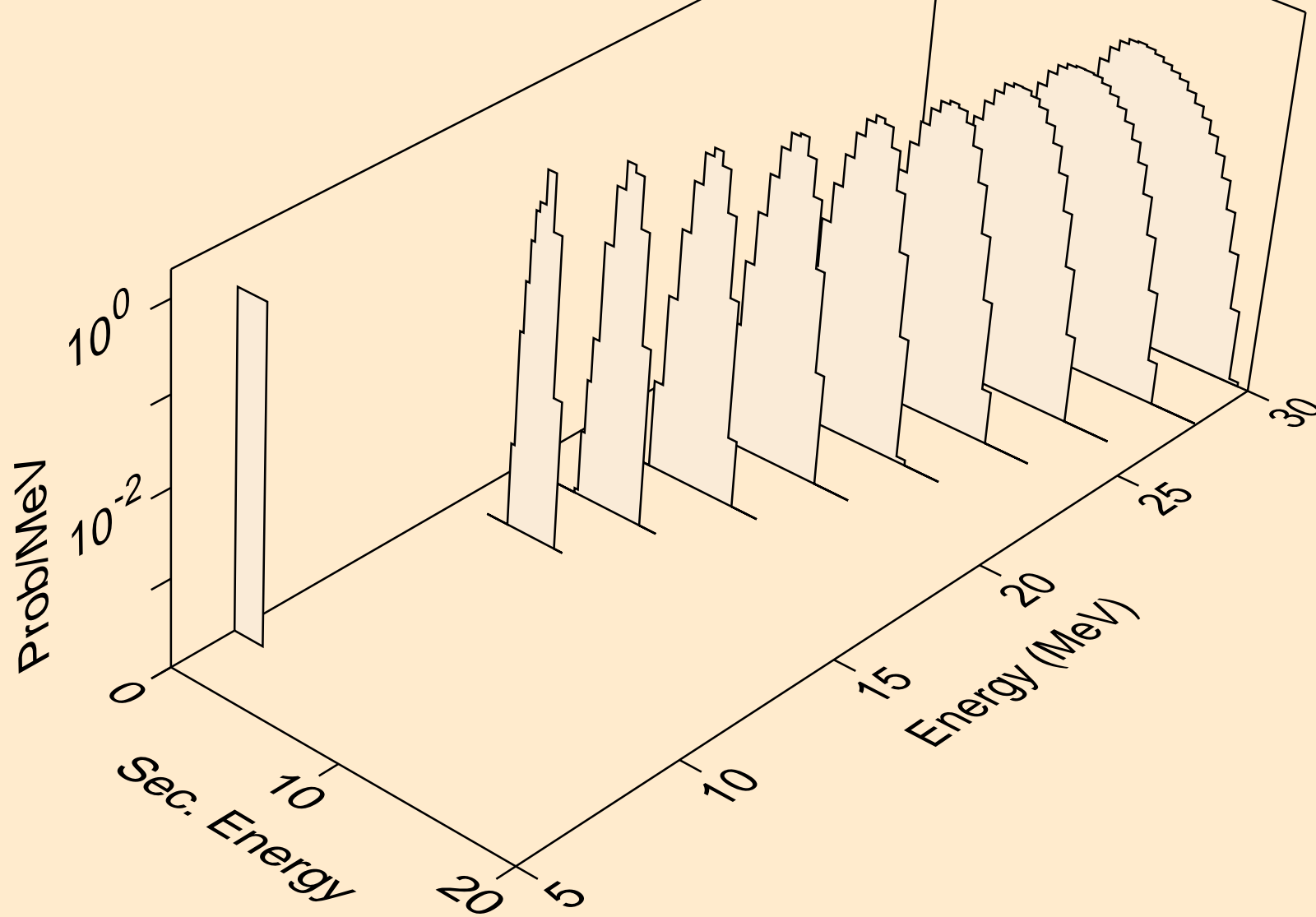
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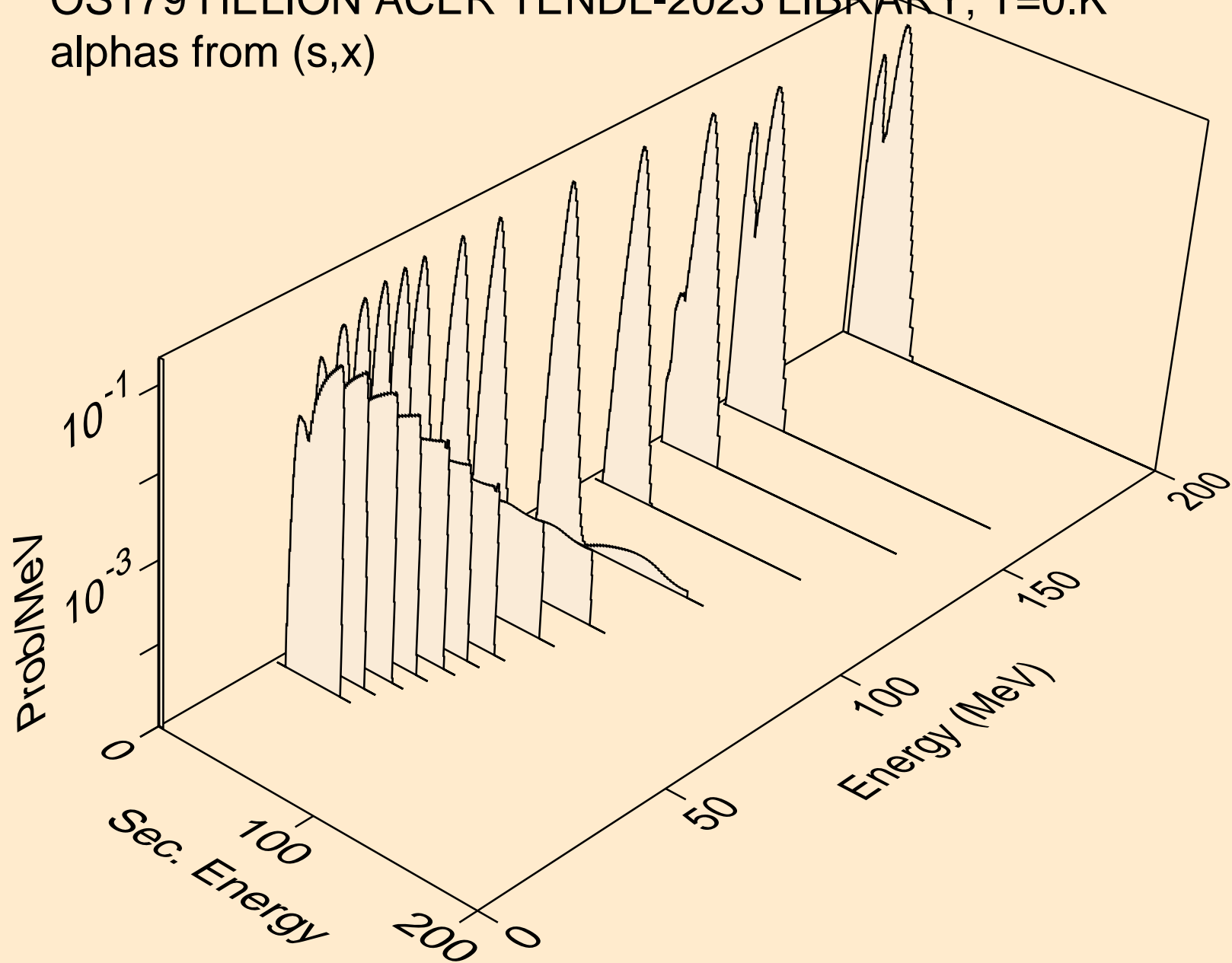
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tritons from (s,t)



OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)

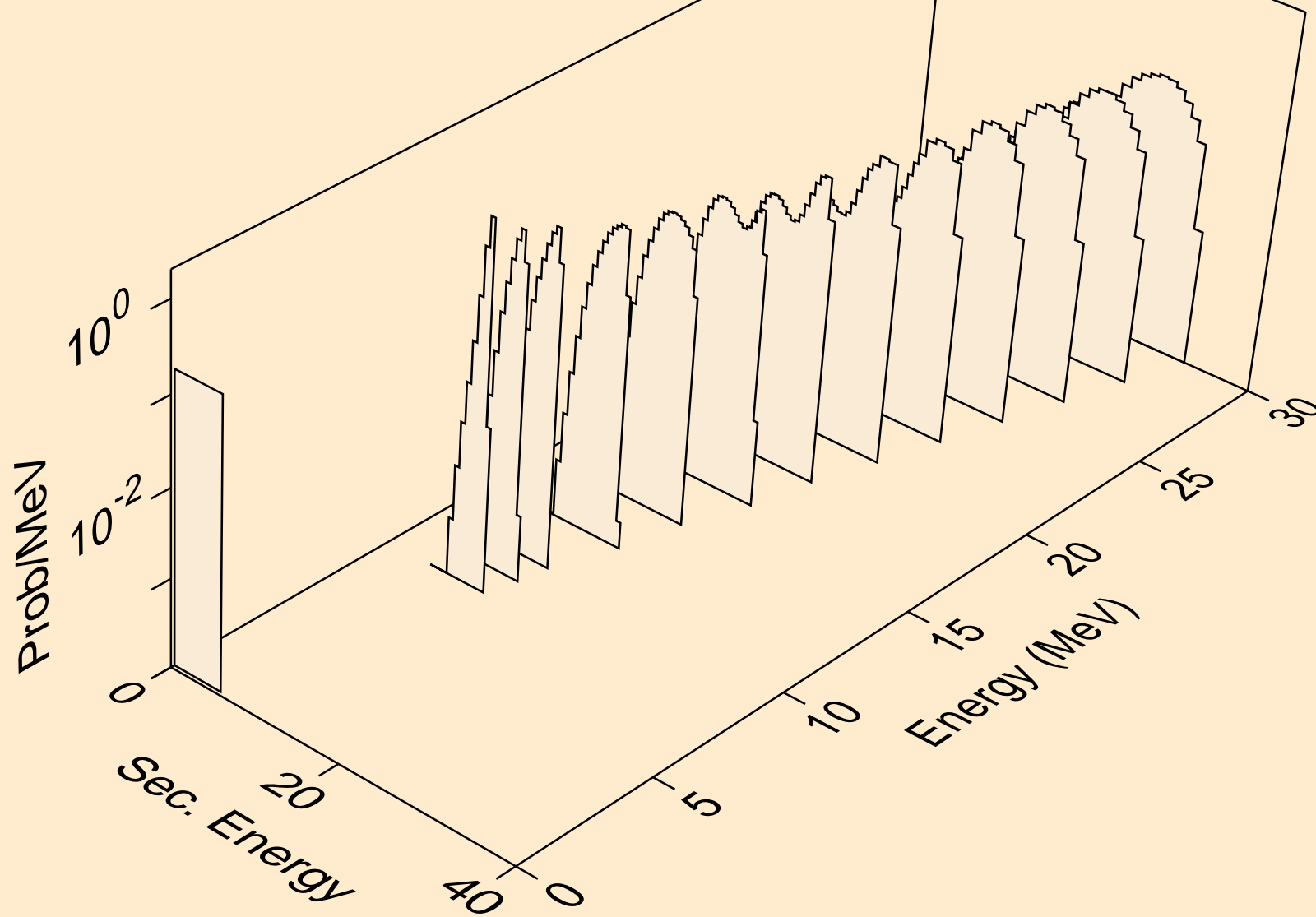


OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)

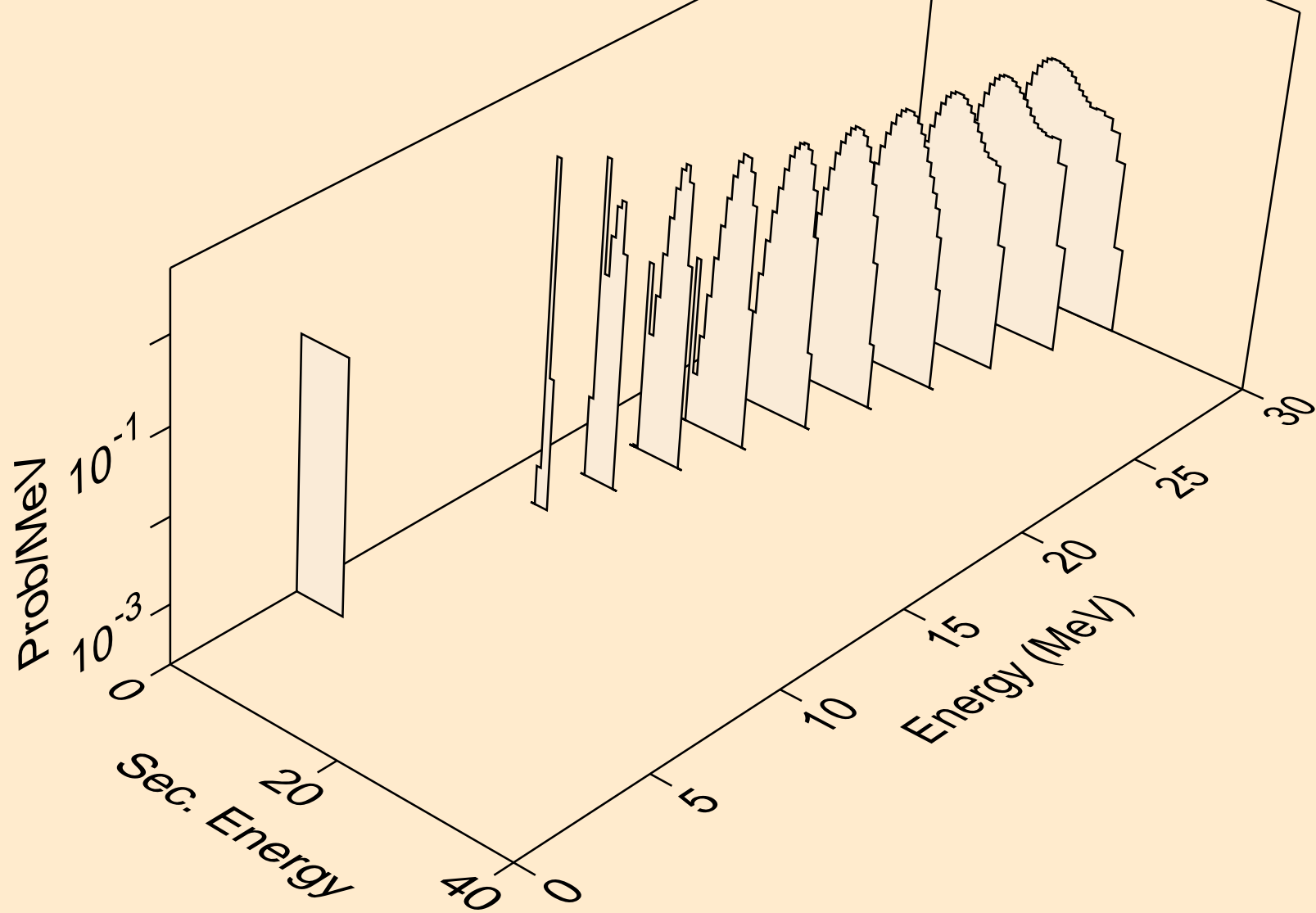




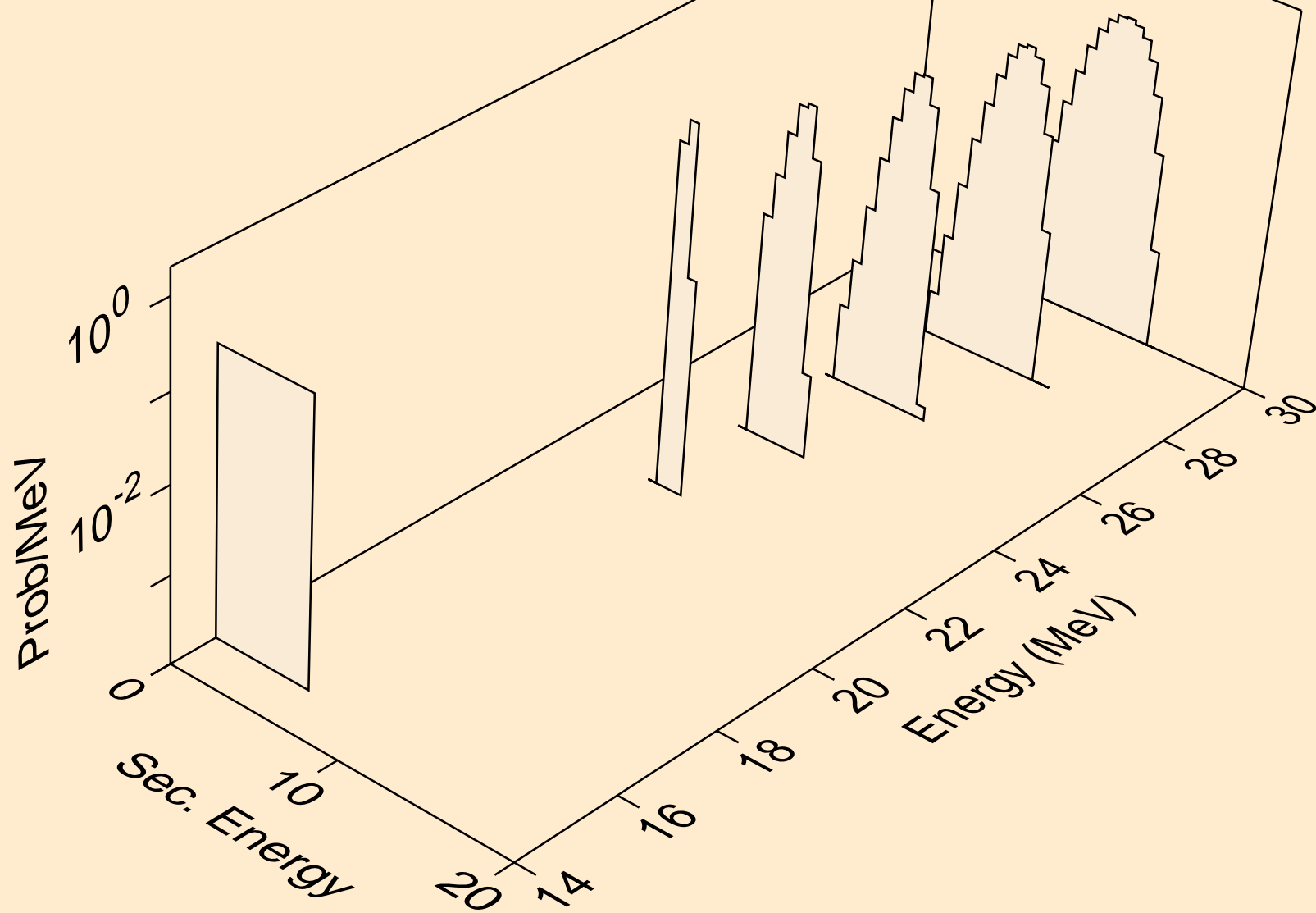
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,n\*)a



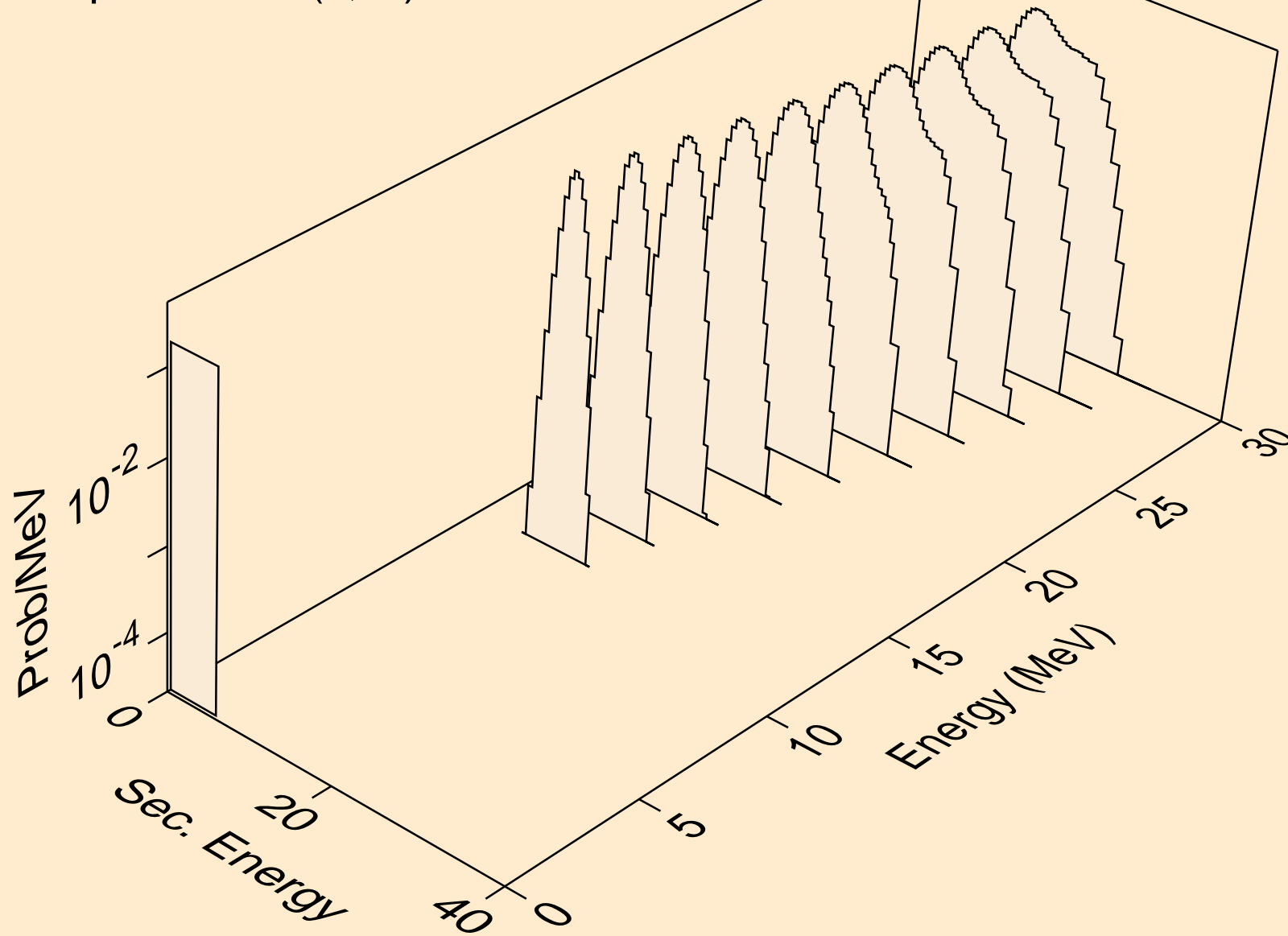
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alphas from (s,2n)a



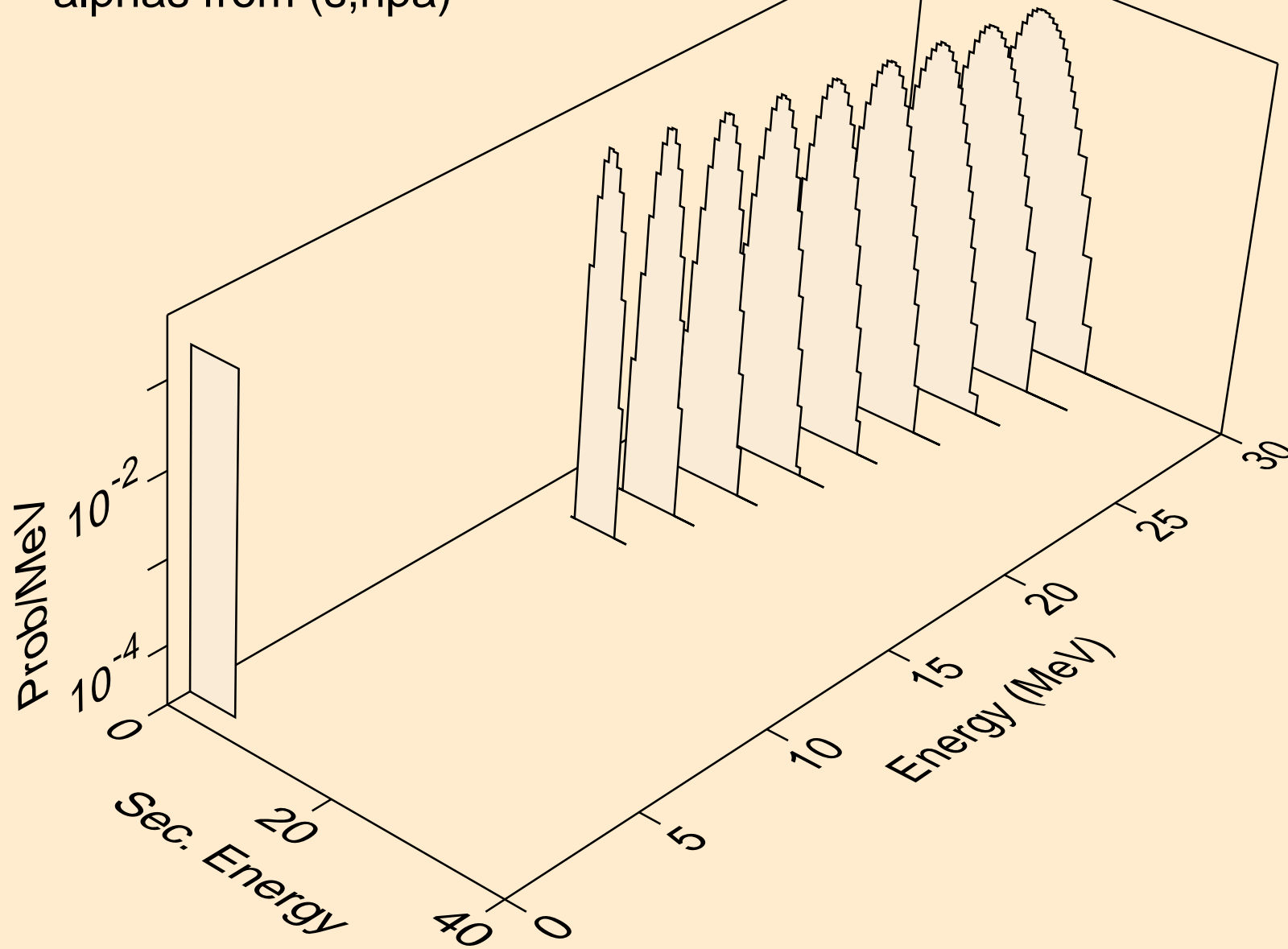
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alphas from (s,3n)a



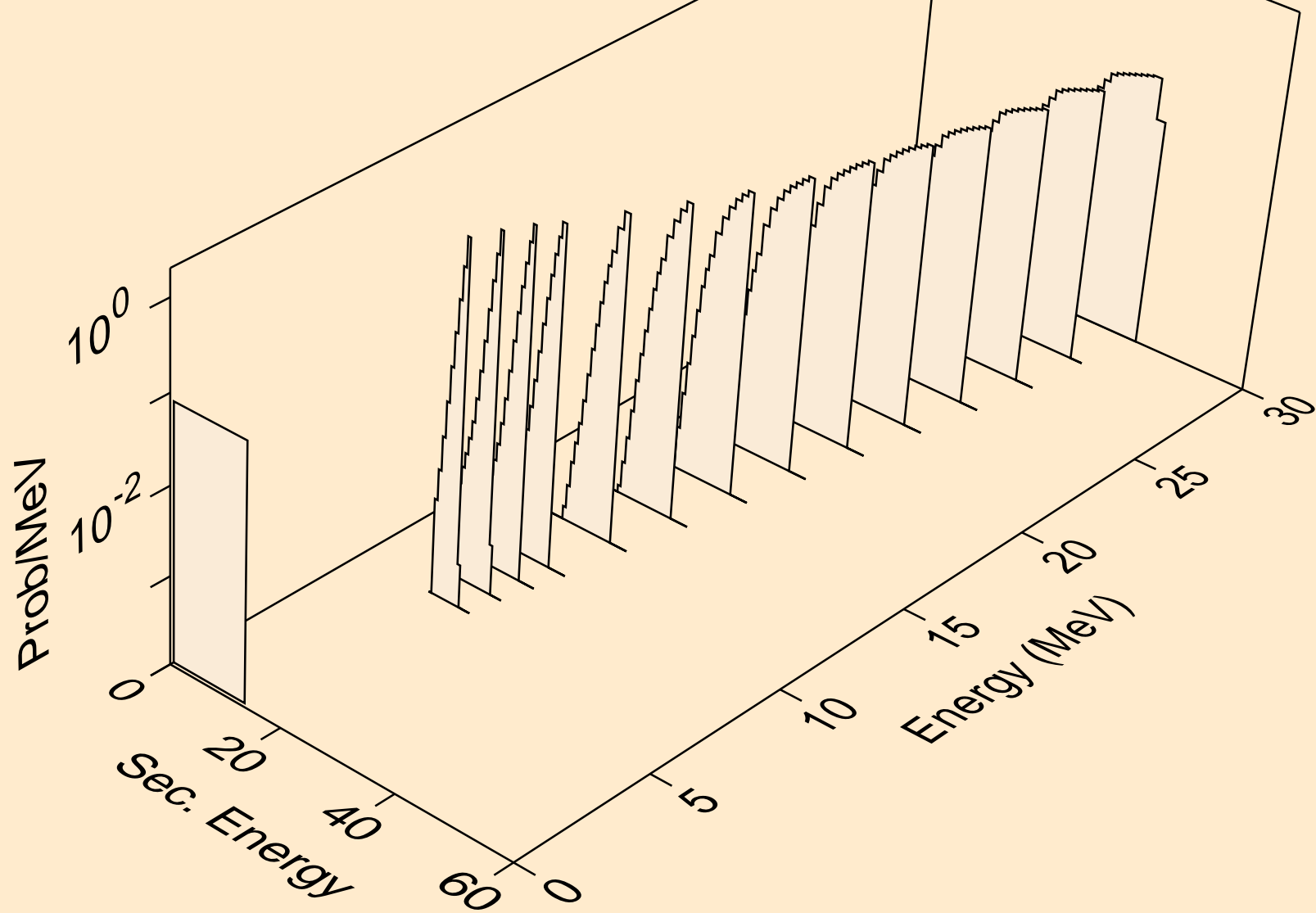
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alphas from (s,n\*)2a



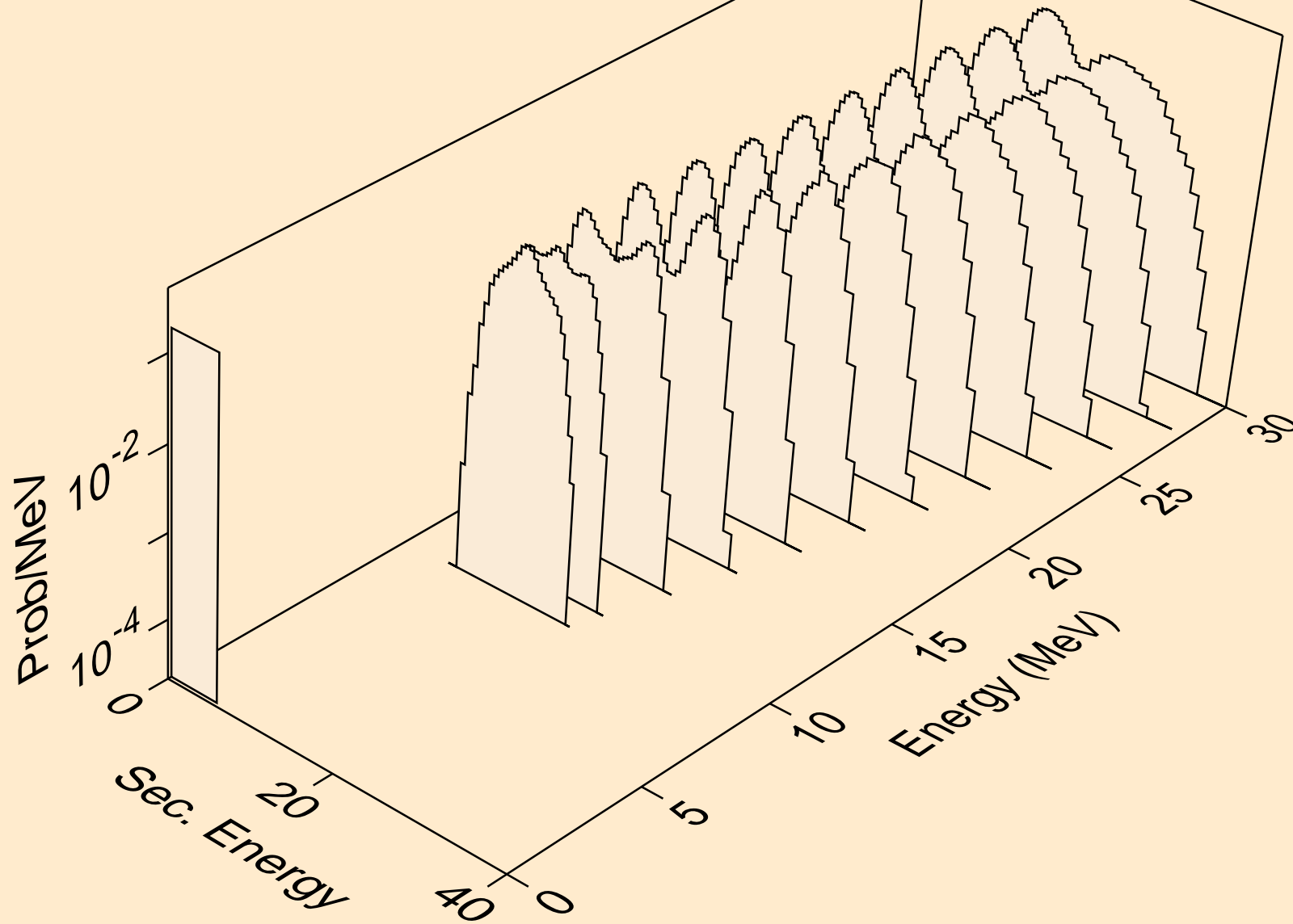
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alphas from (s,npa)



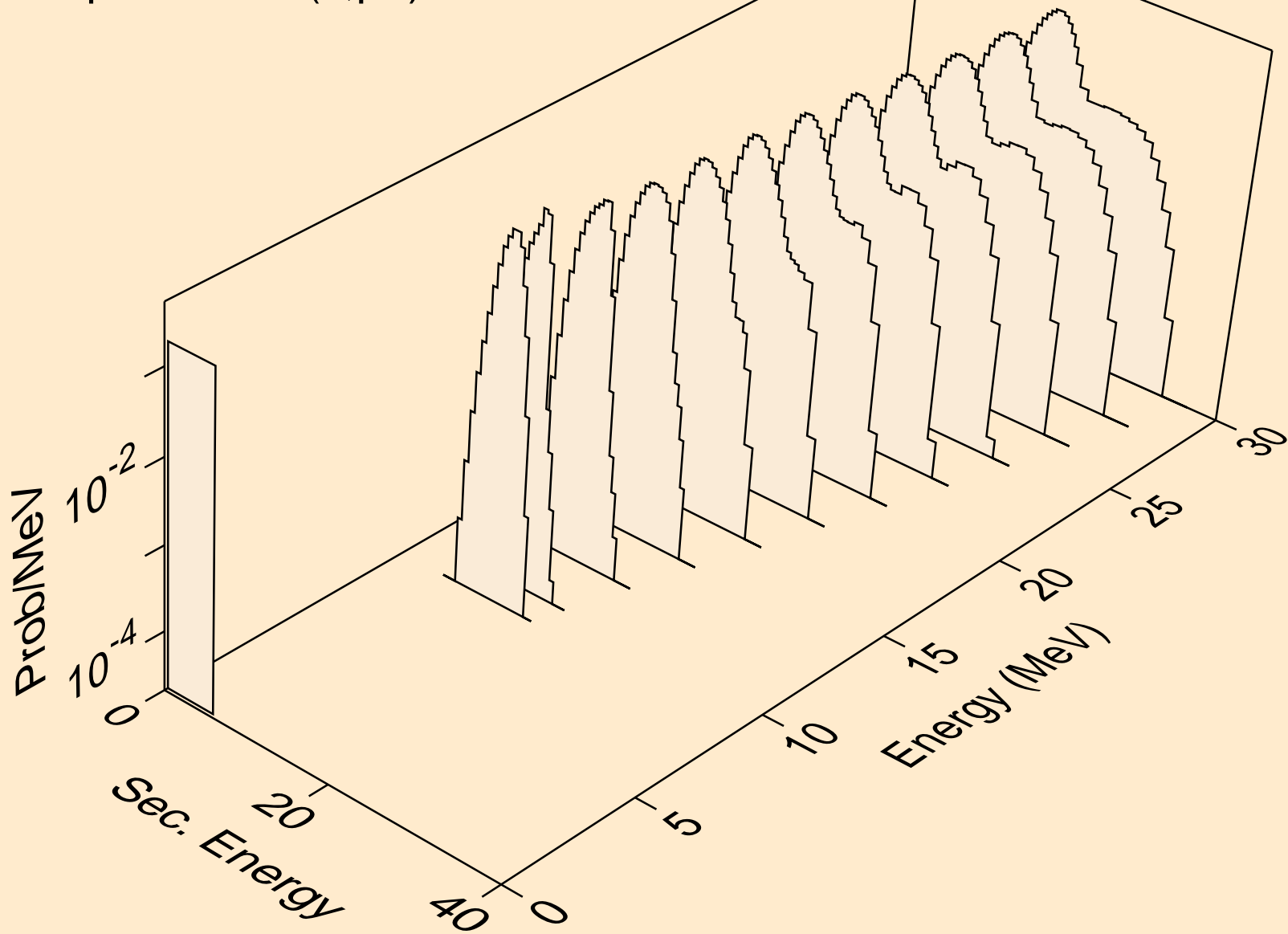
OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)





OS179 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

