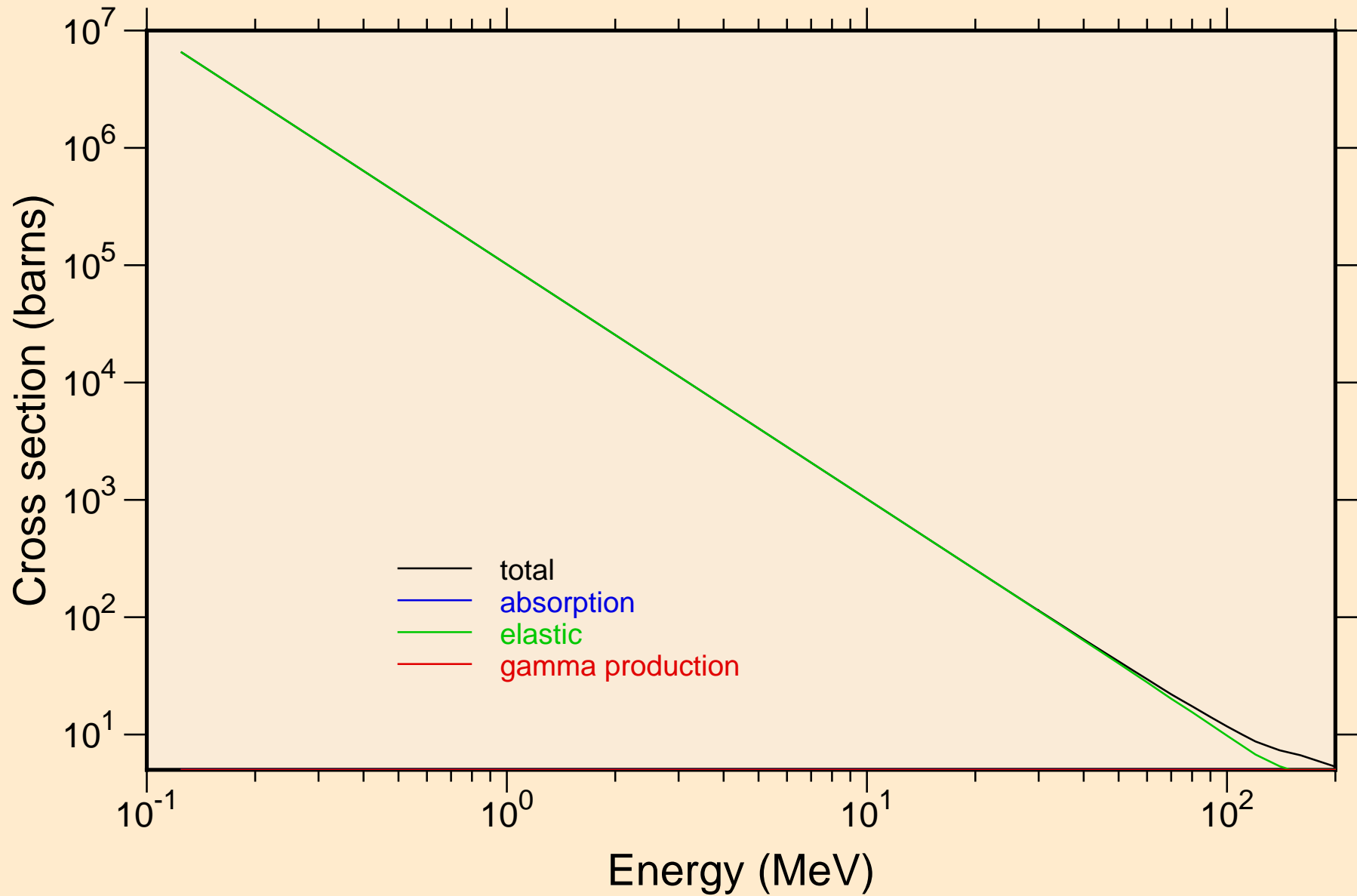
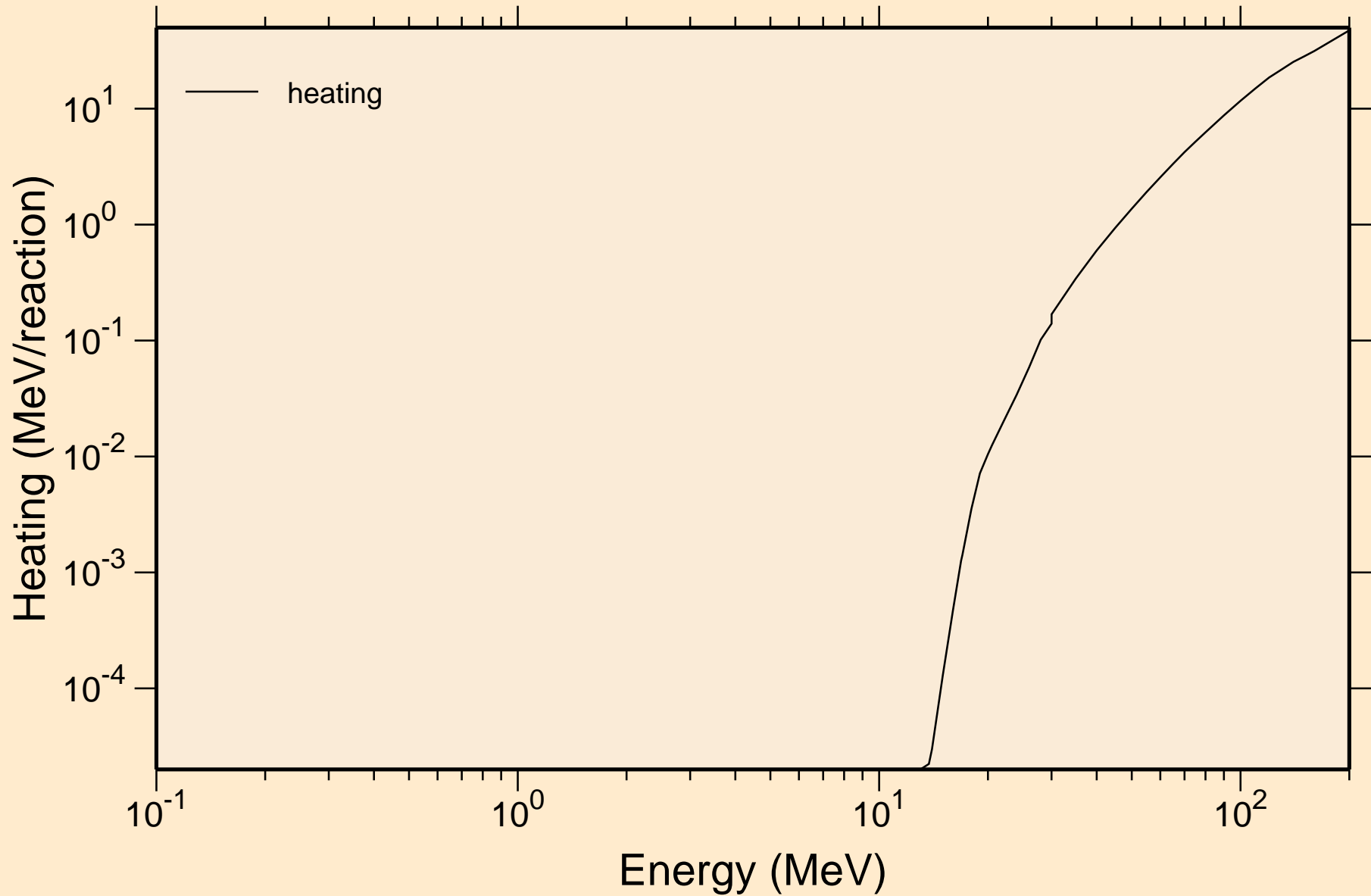


EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



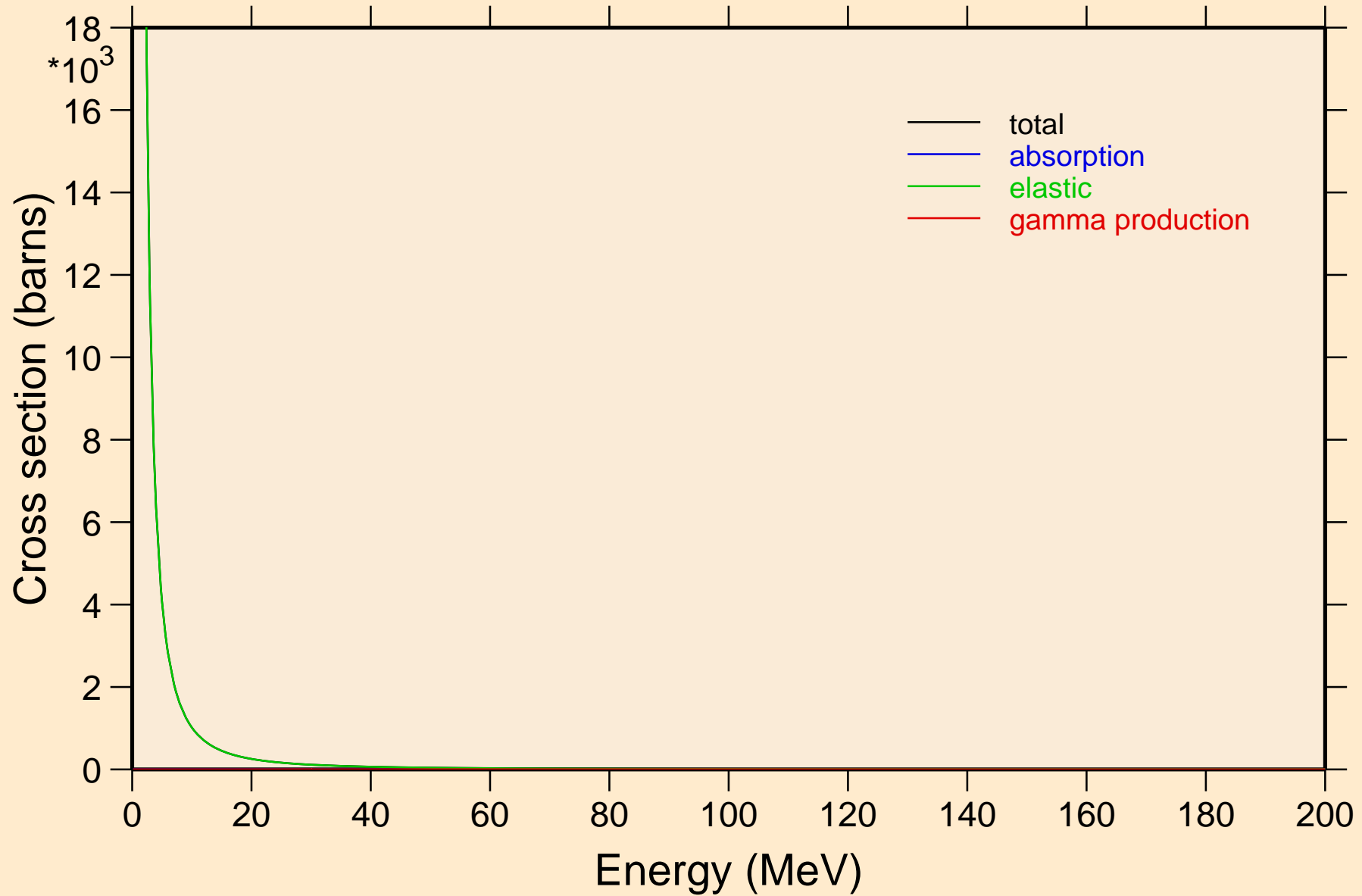
# EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



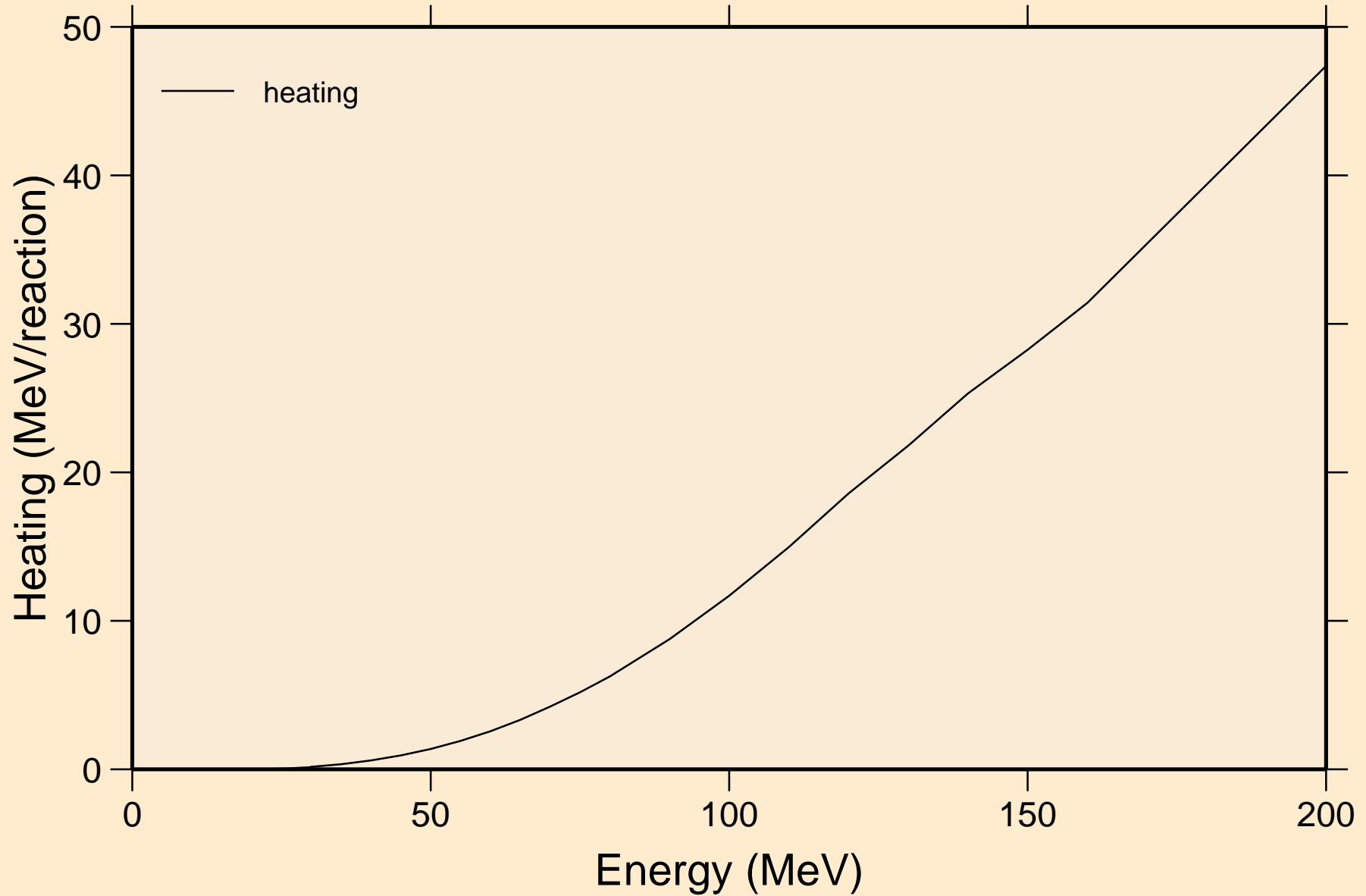
# EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

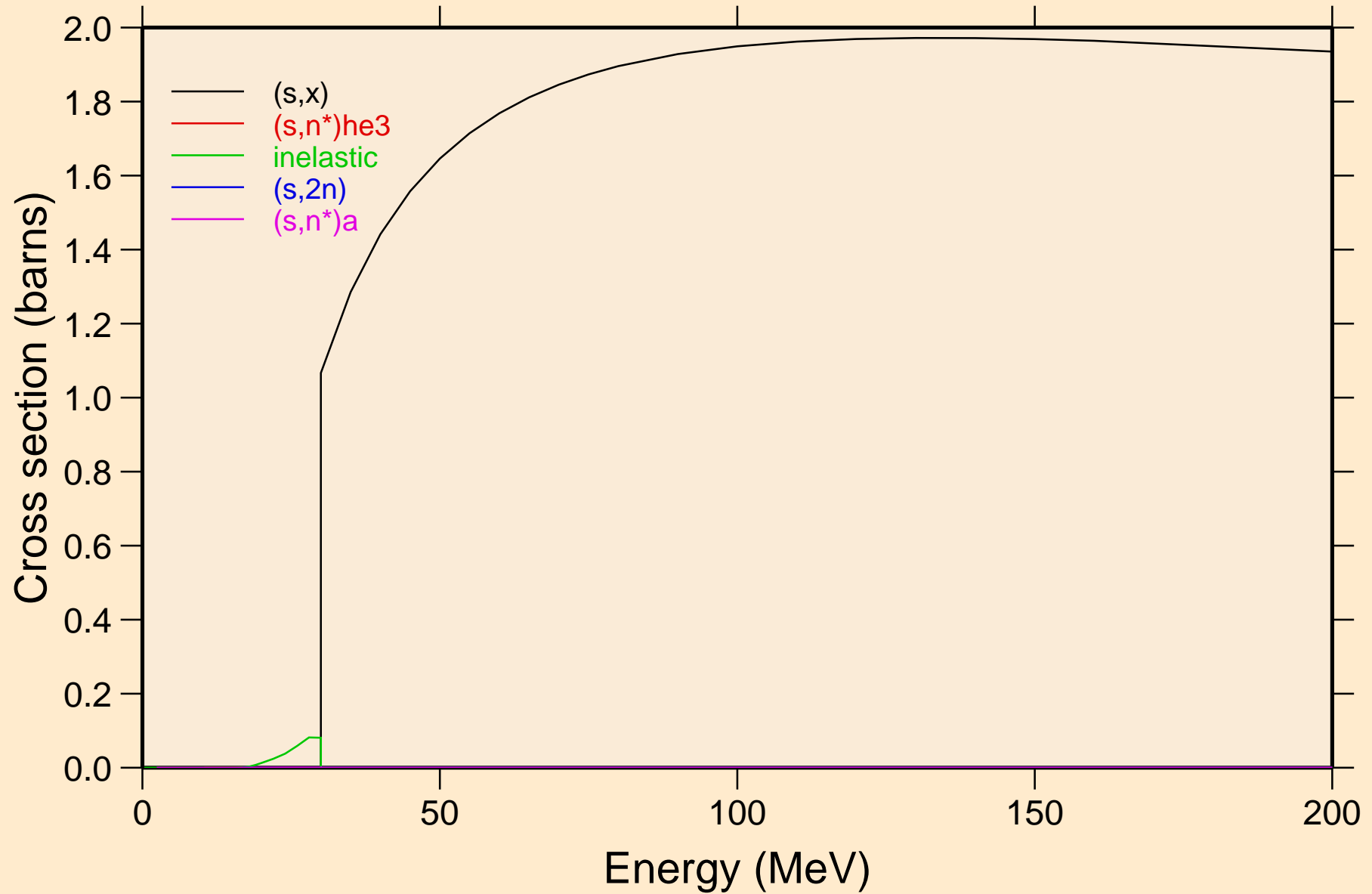


# EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K

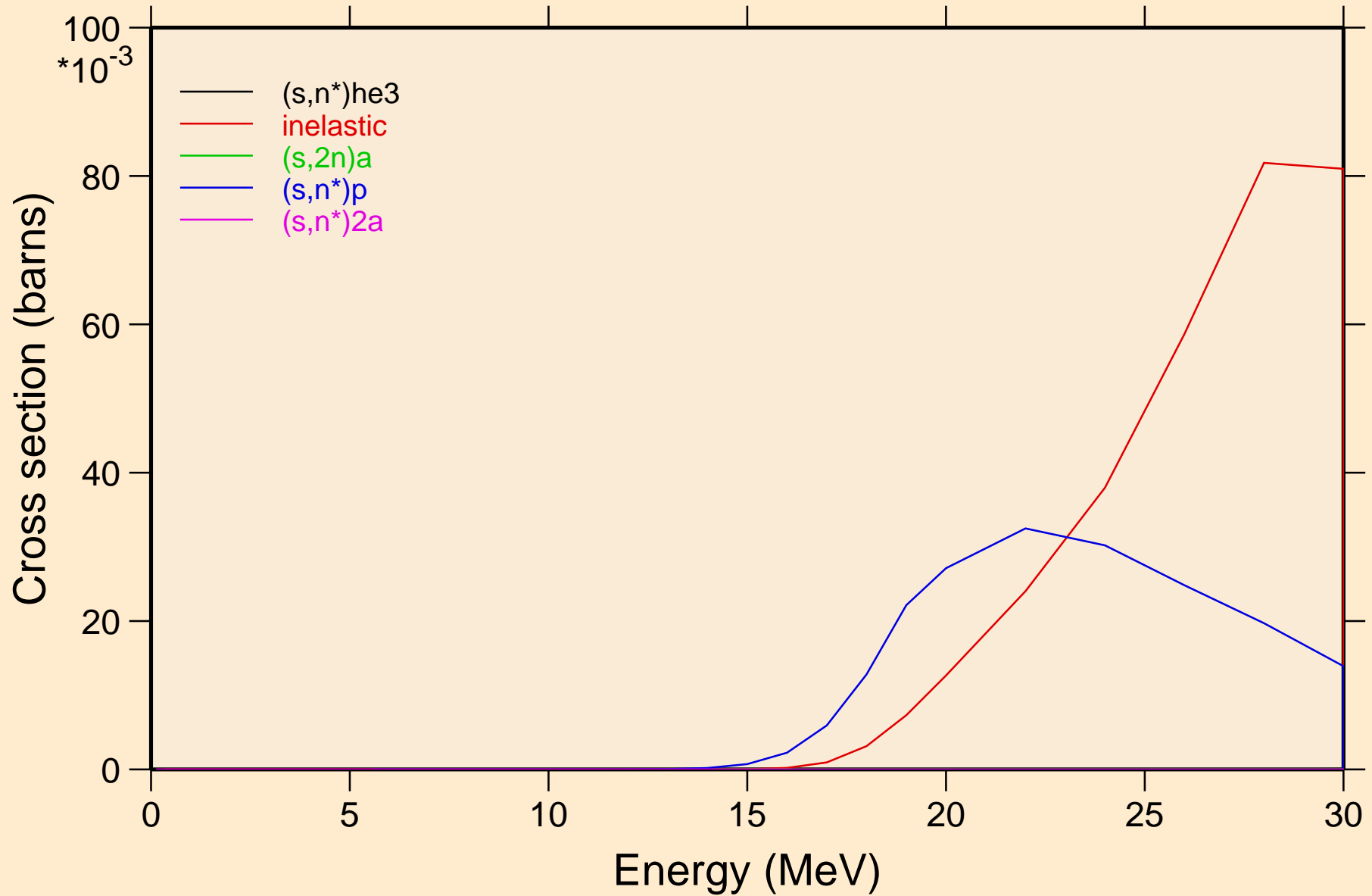
## Heating



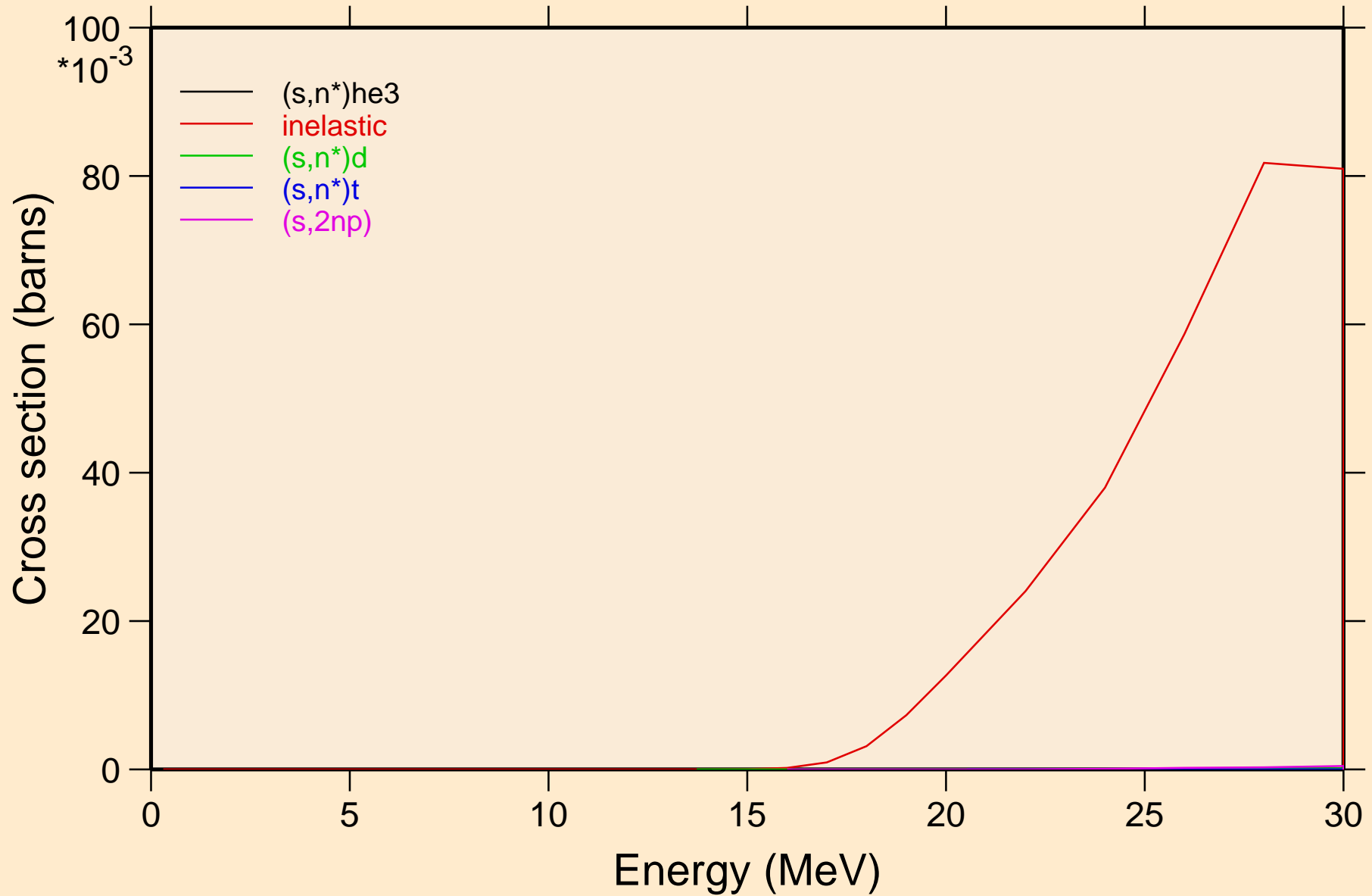
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

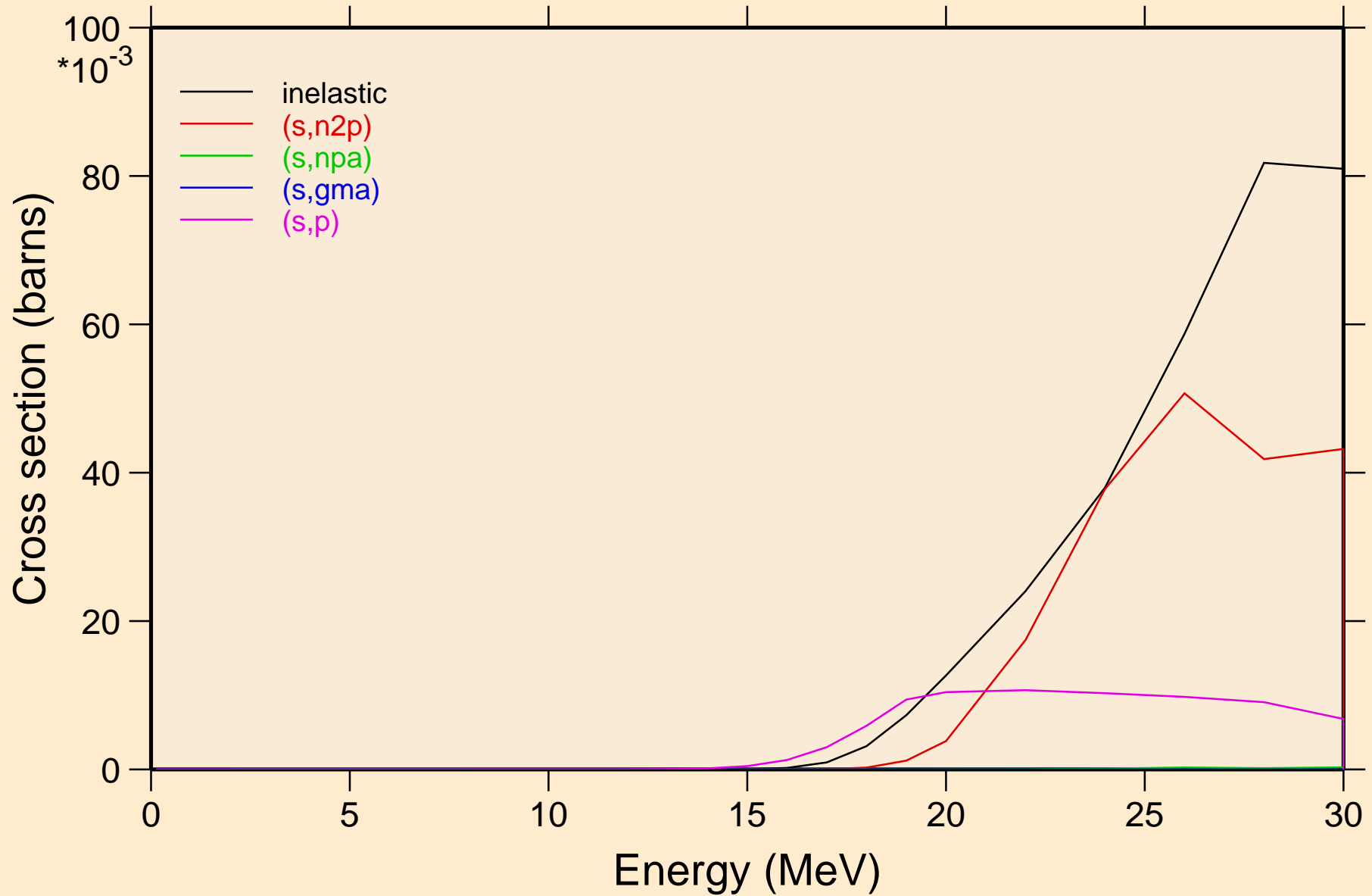


EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



# EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K

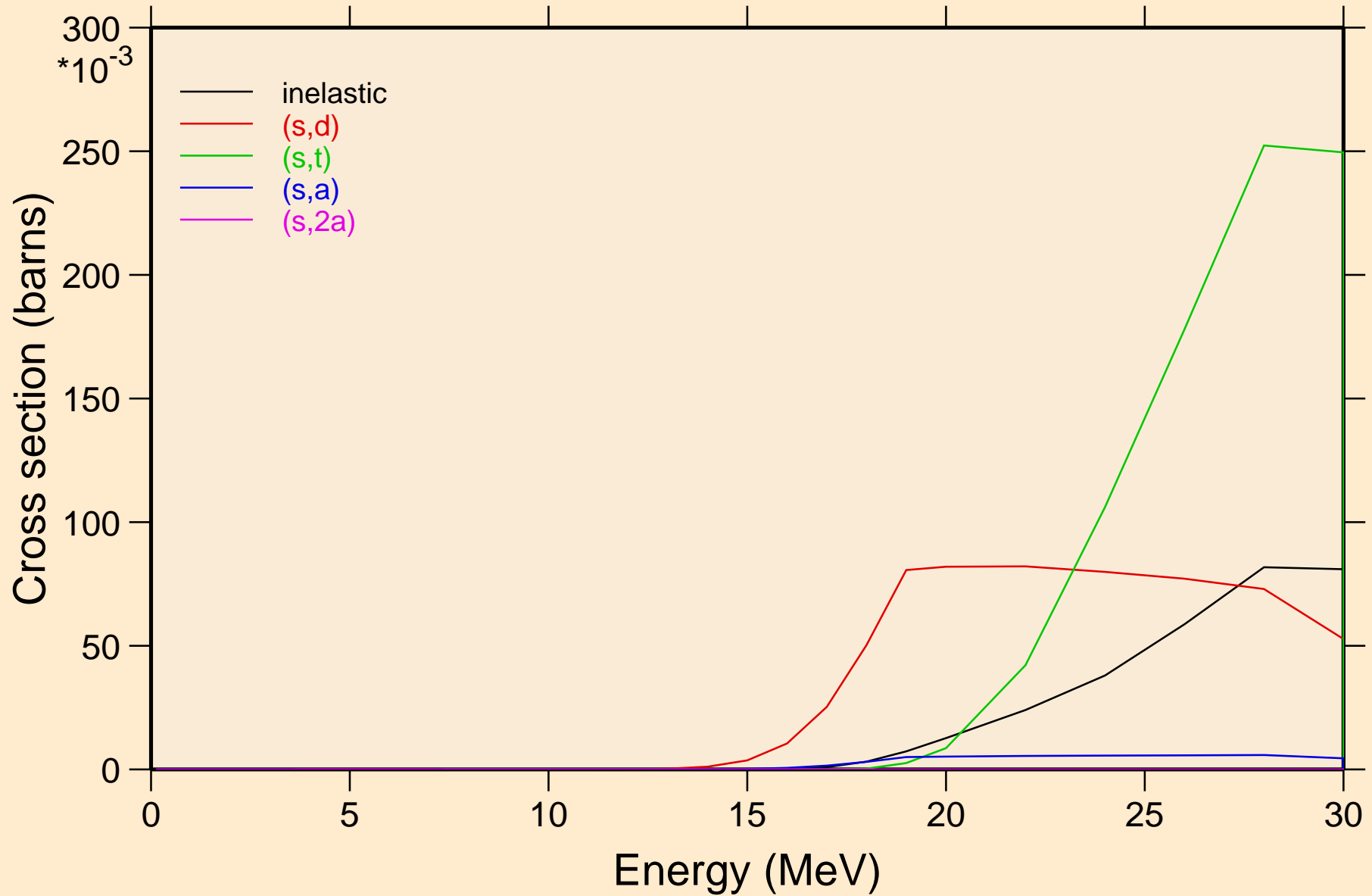
## Threshold reactions





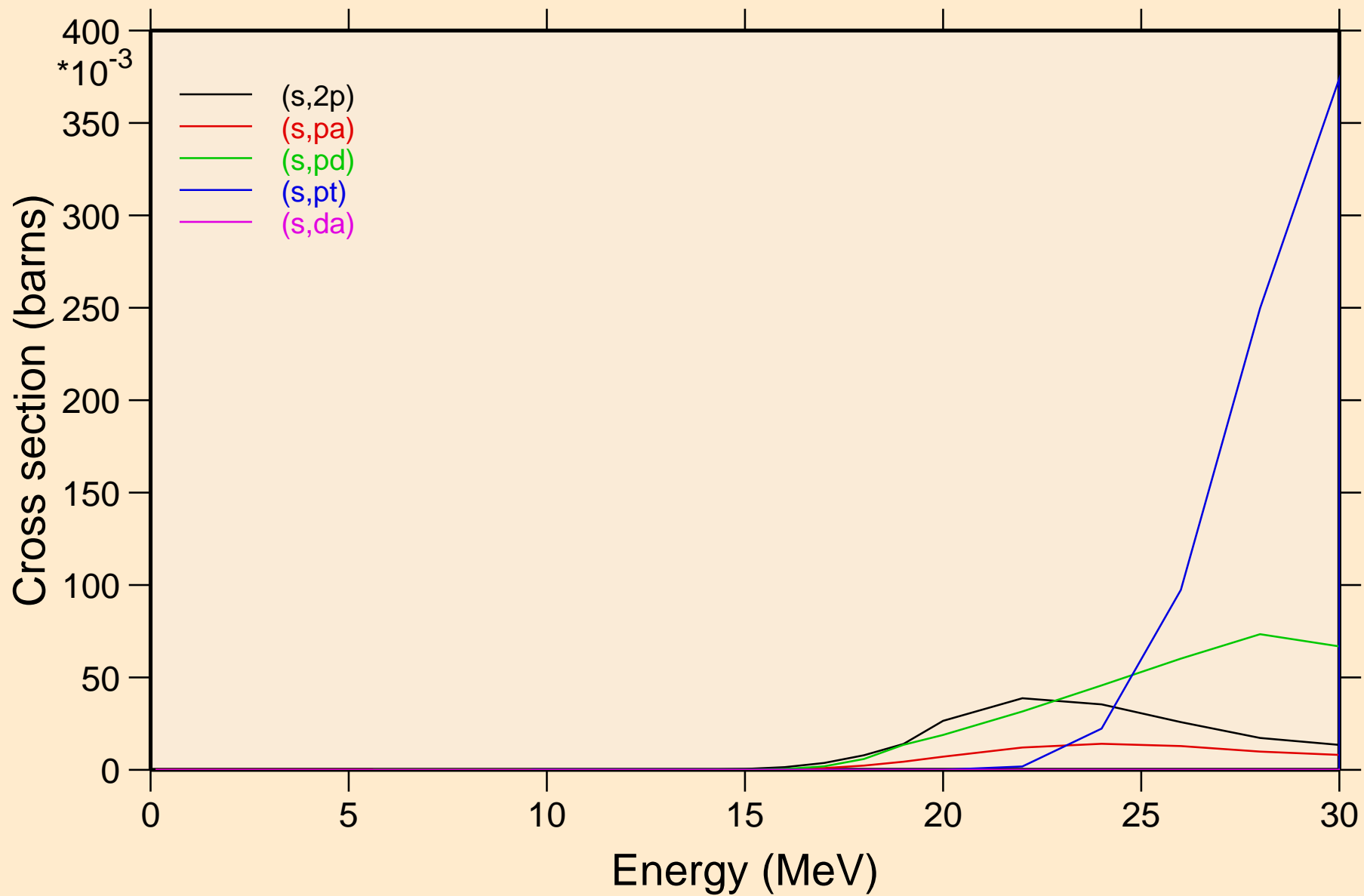
# EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

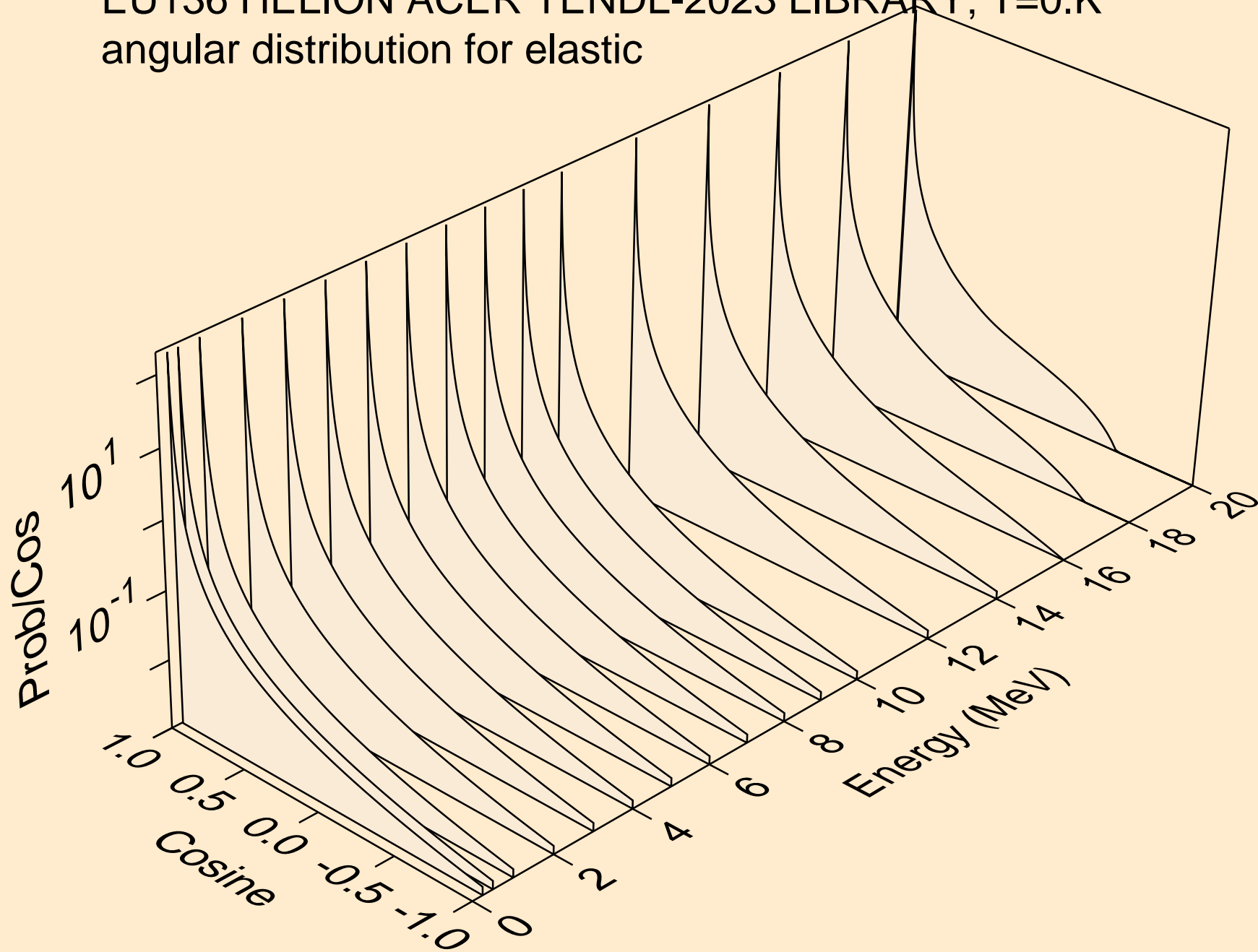


# EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K

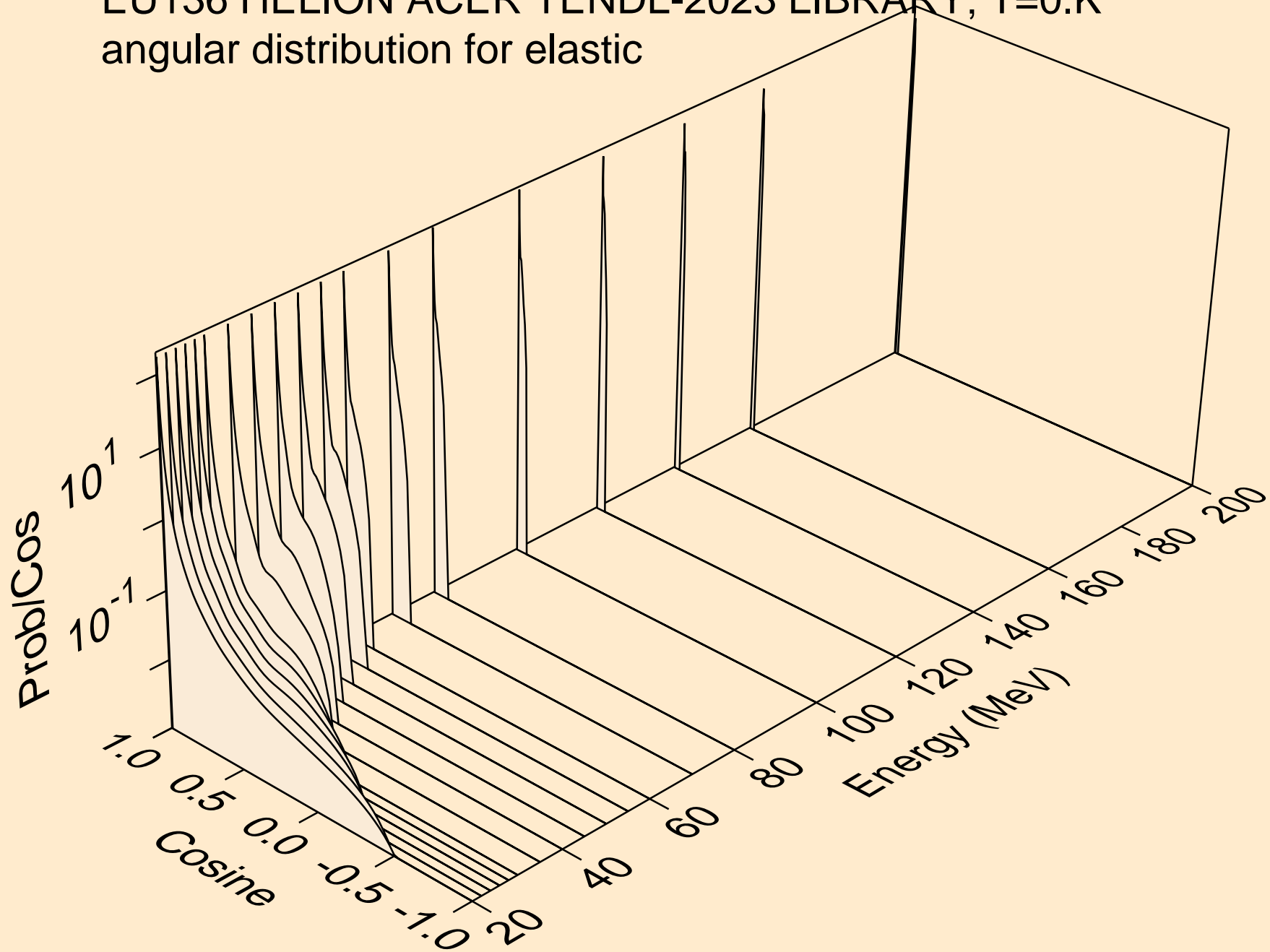
## Threshold reactions



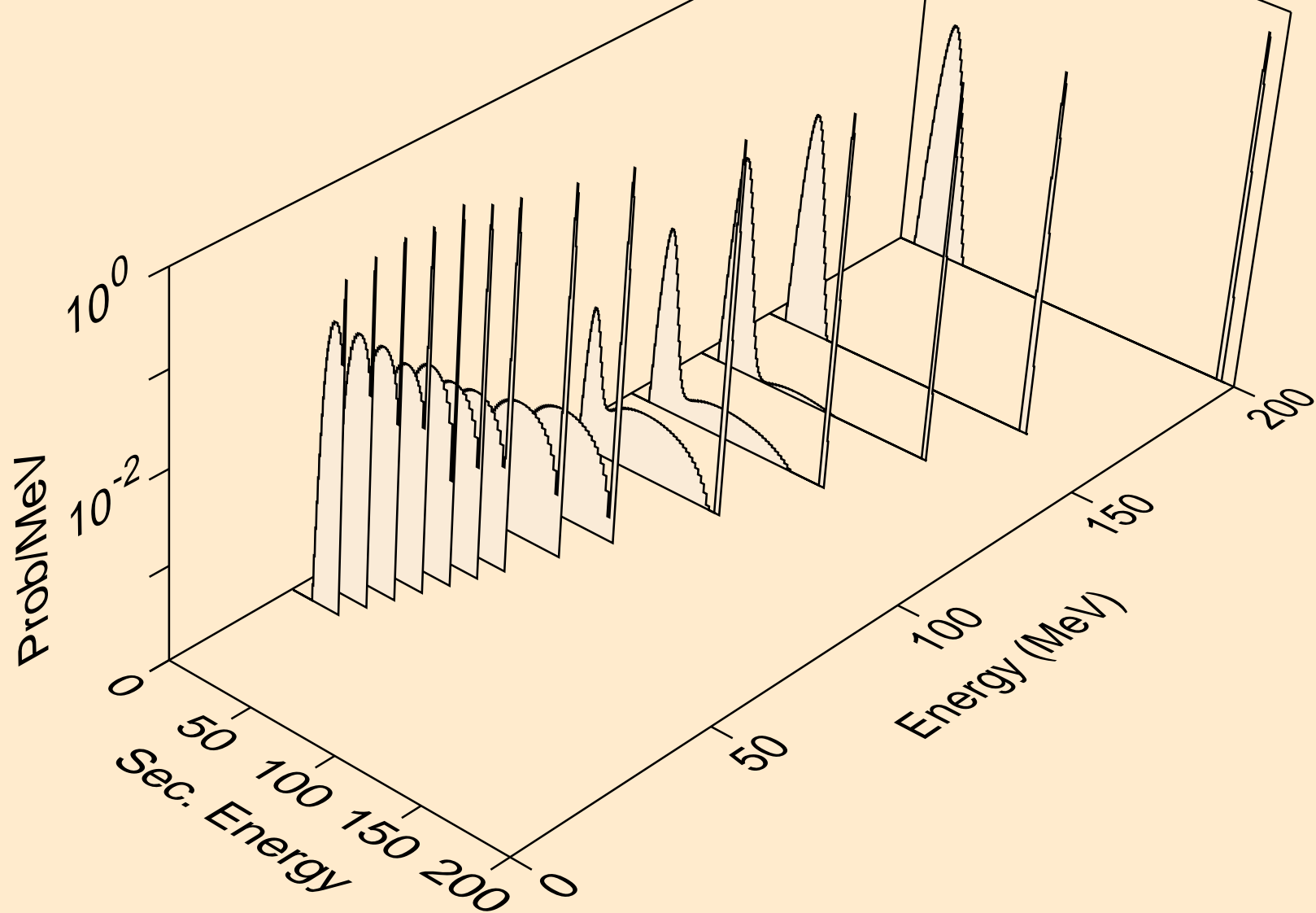
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



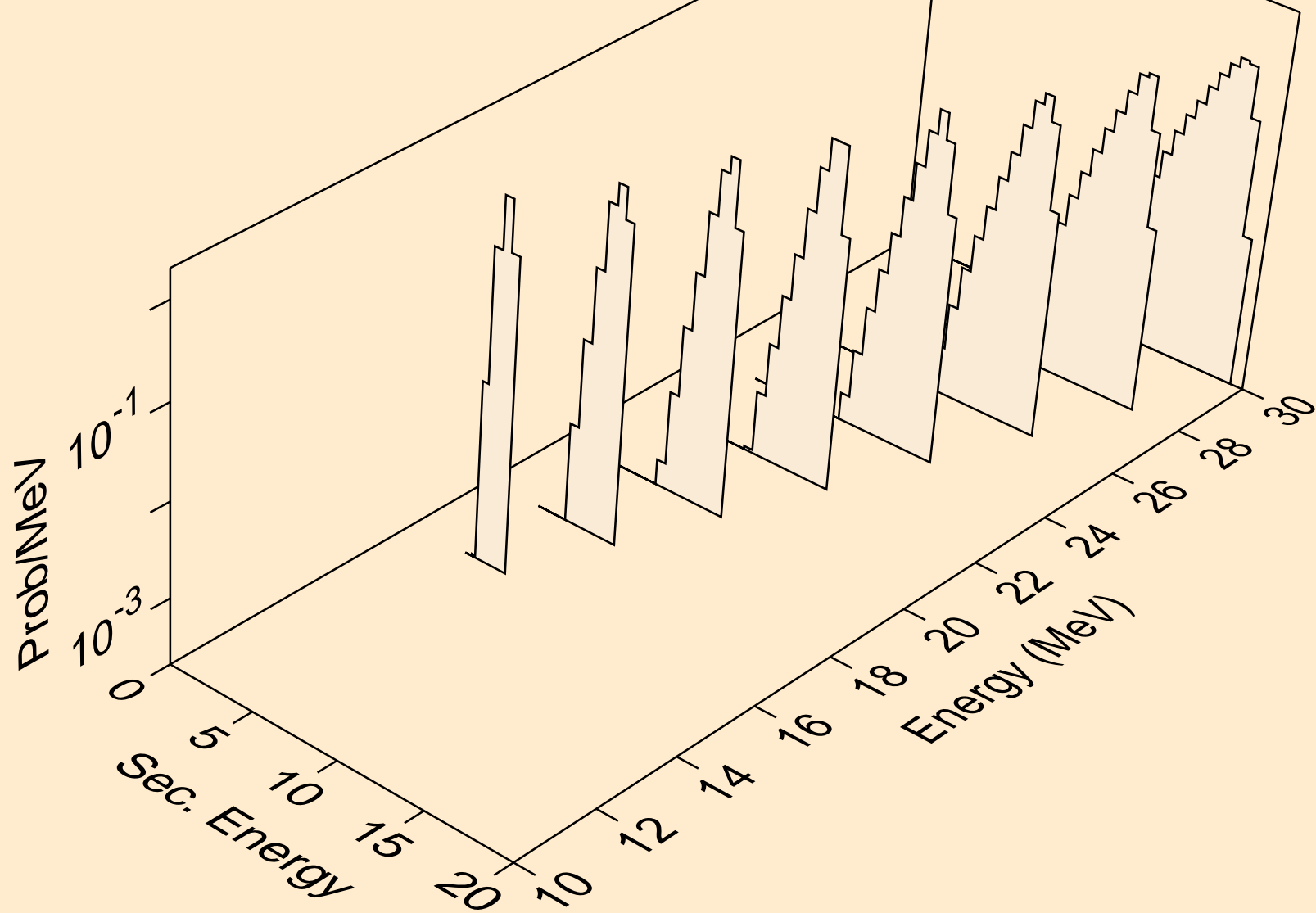
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



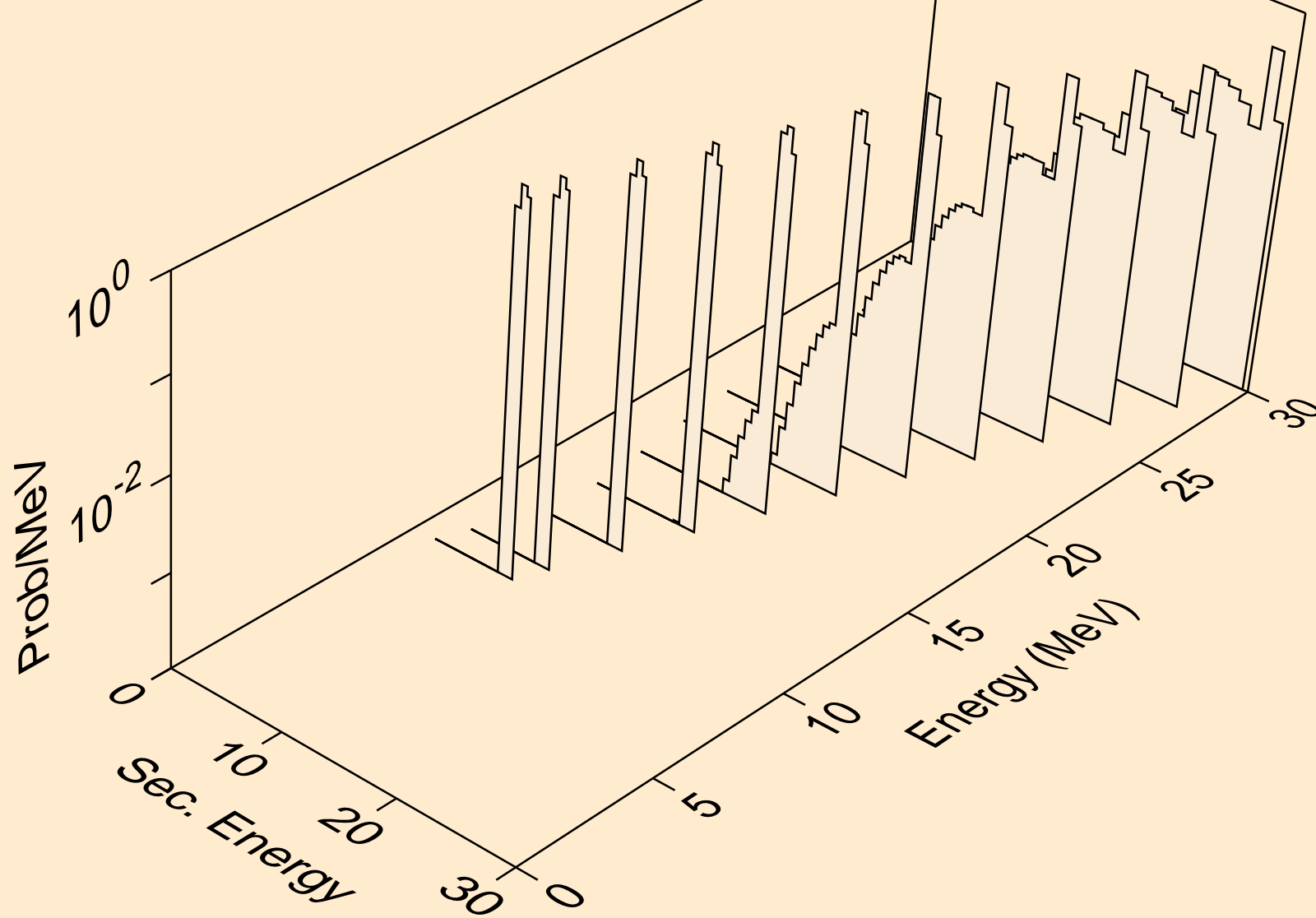
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)



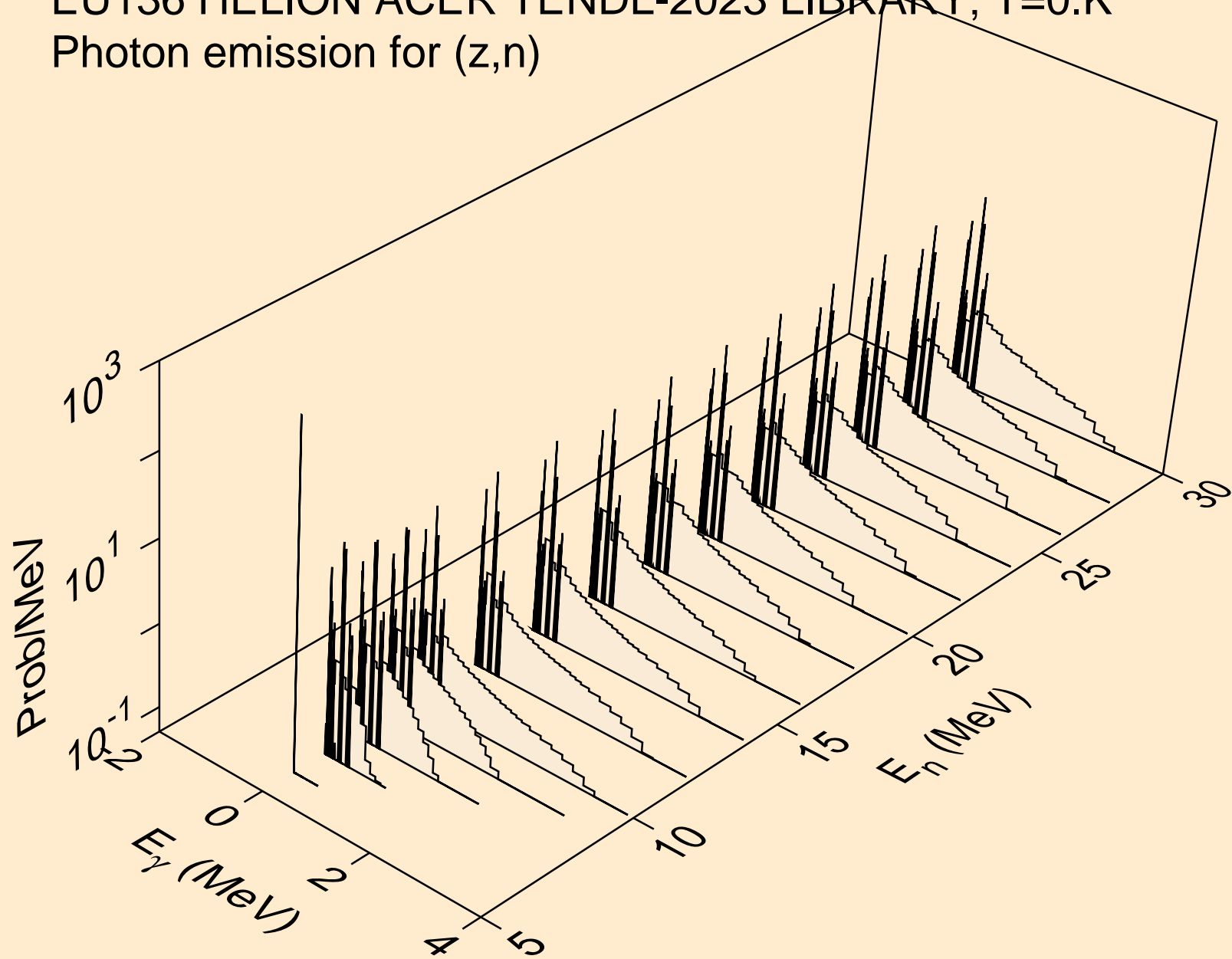
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic

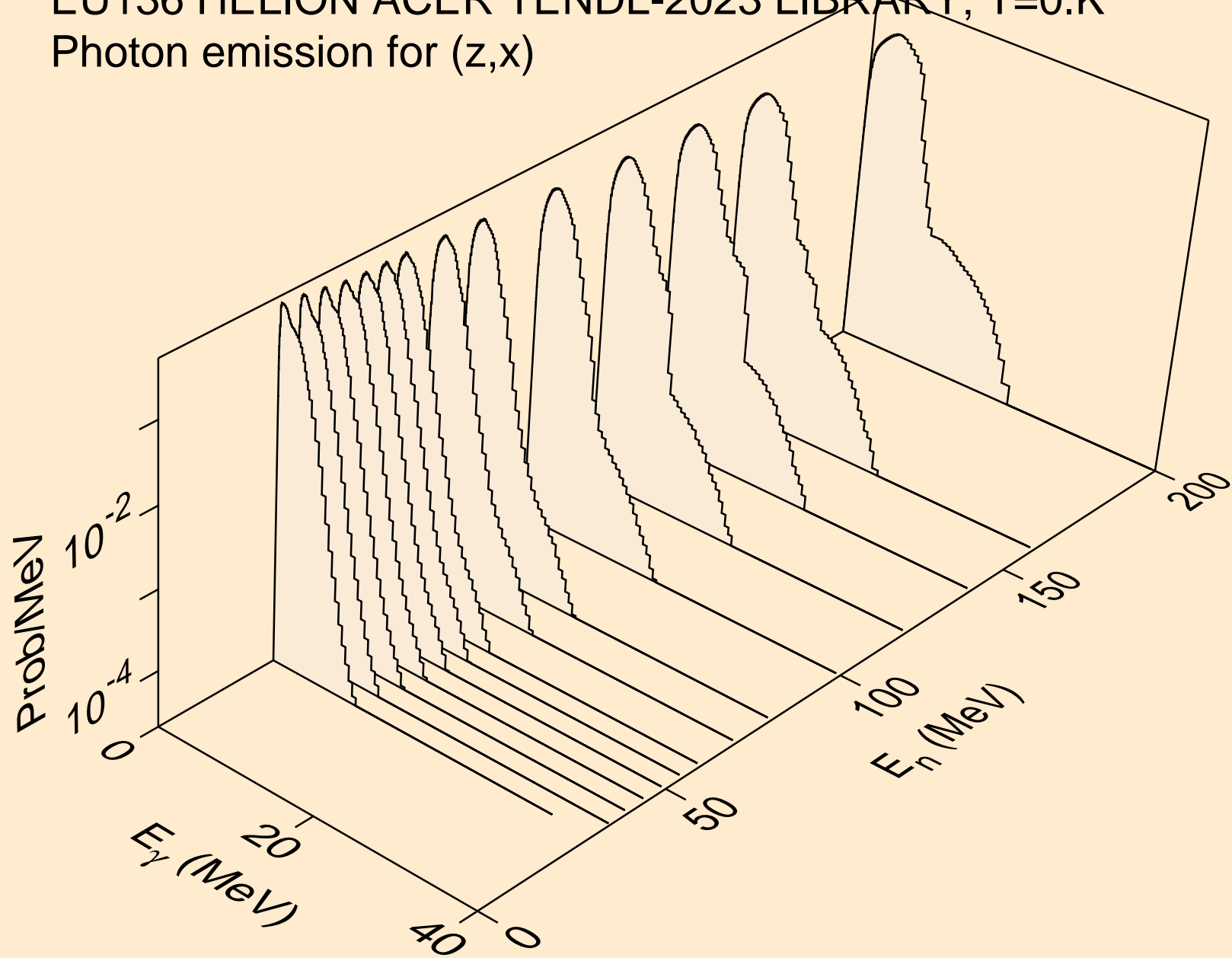


EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

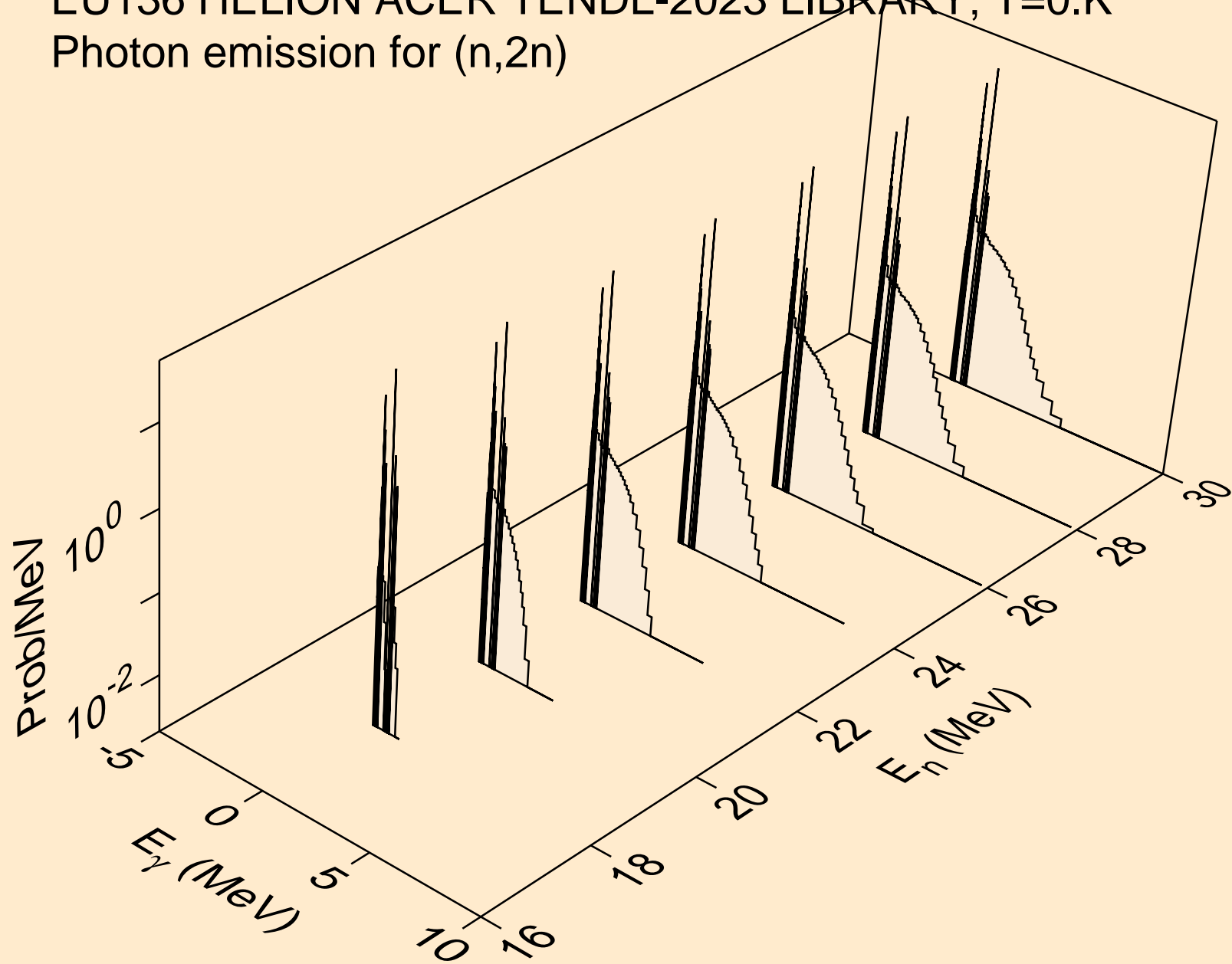




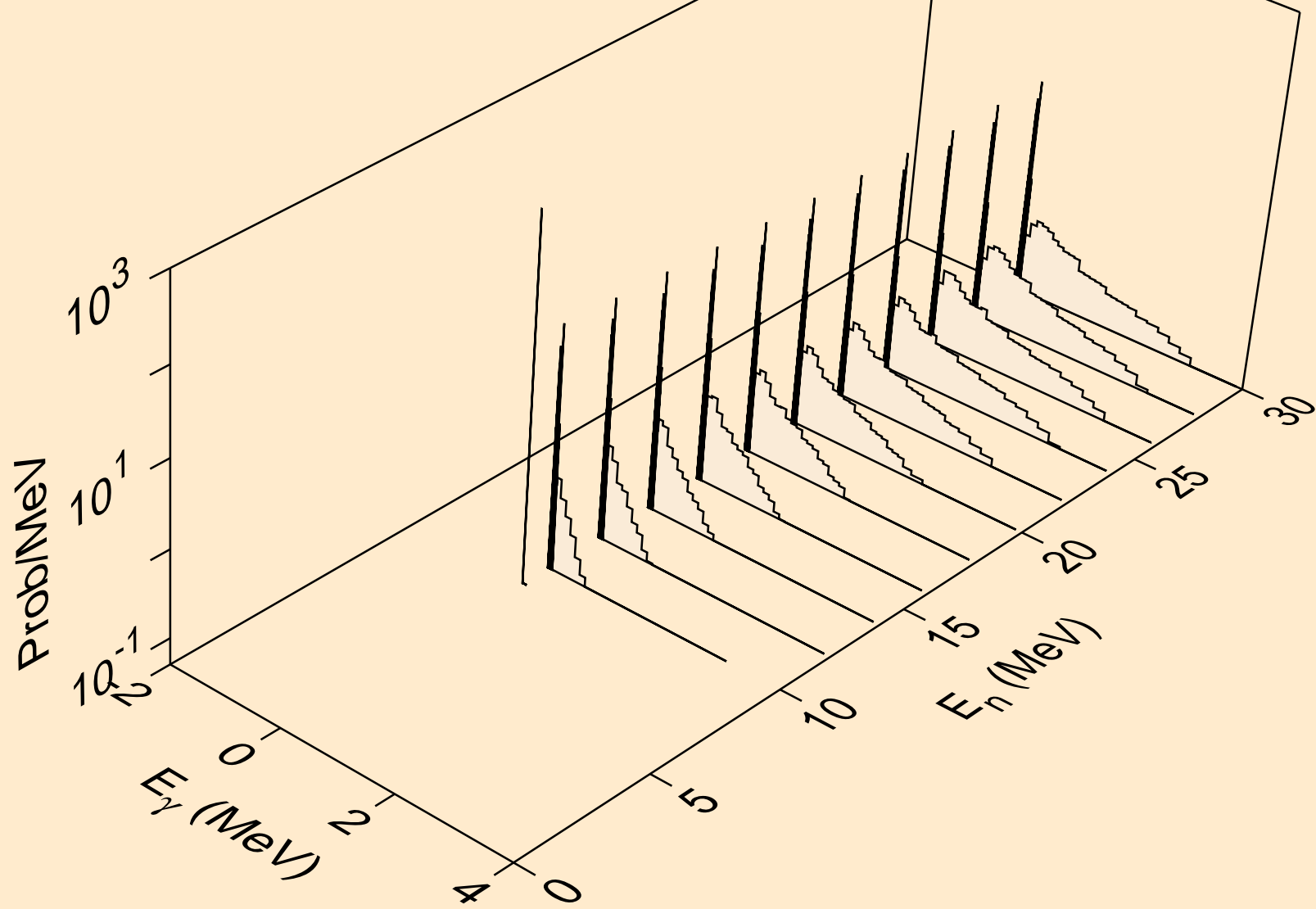
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



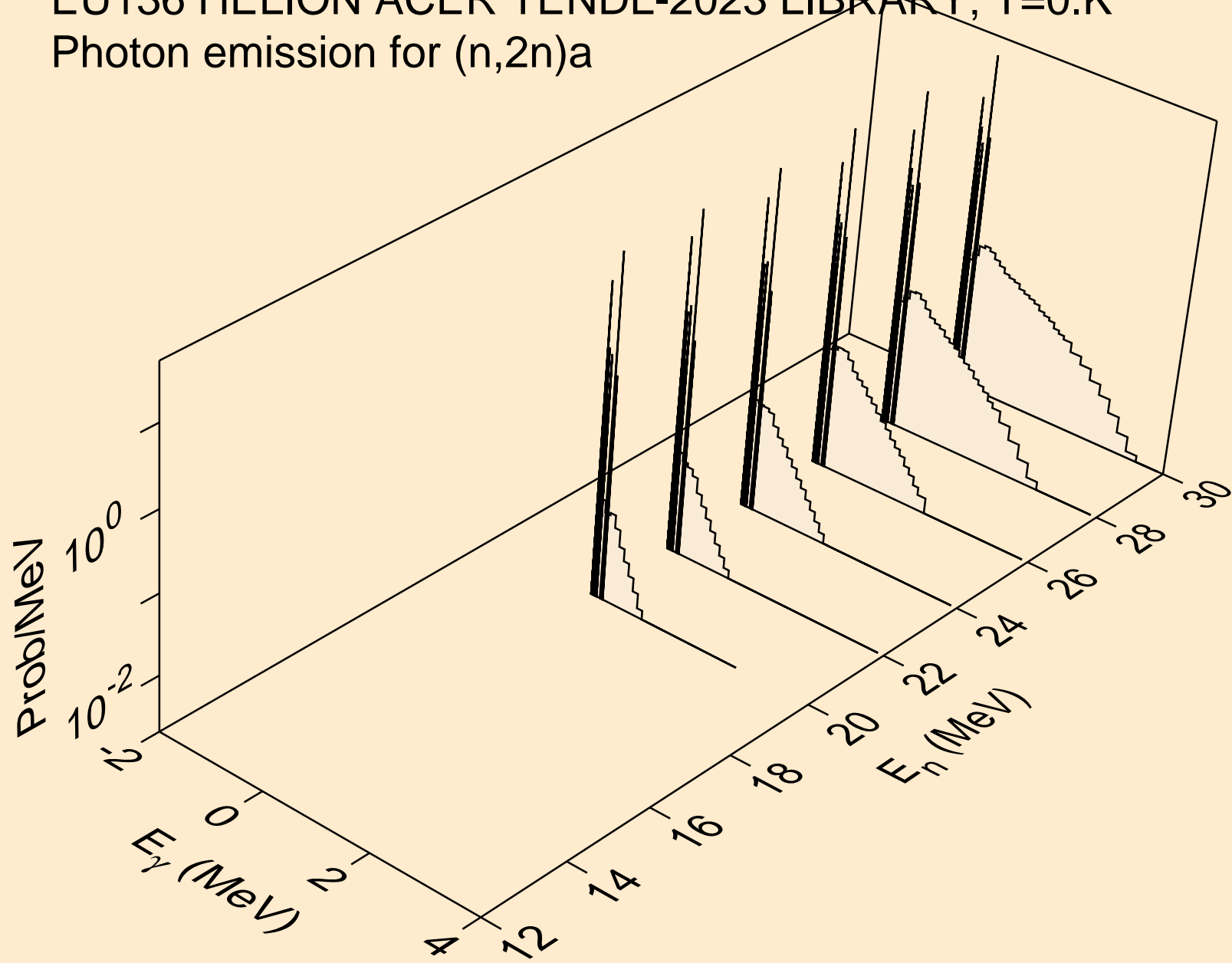
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



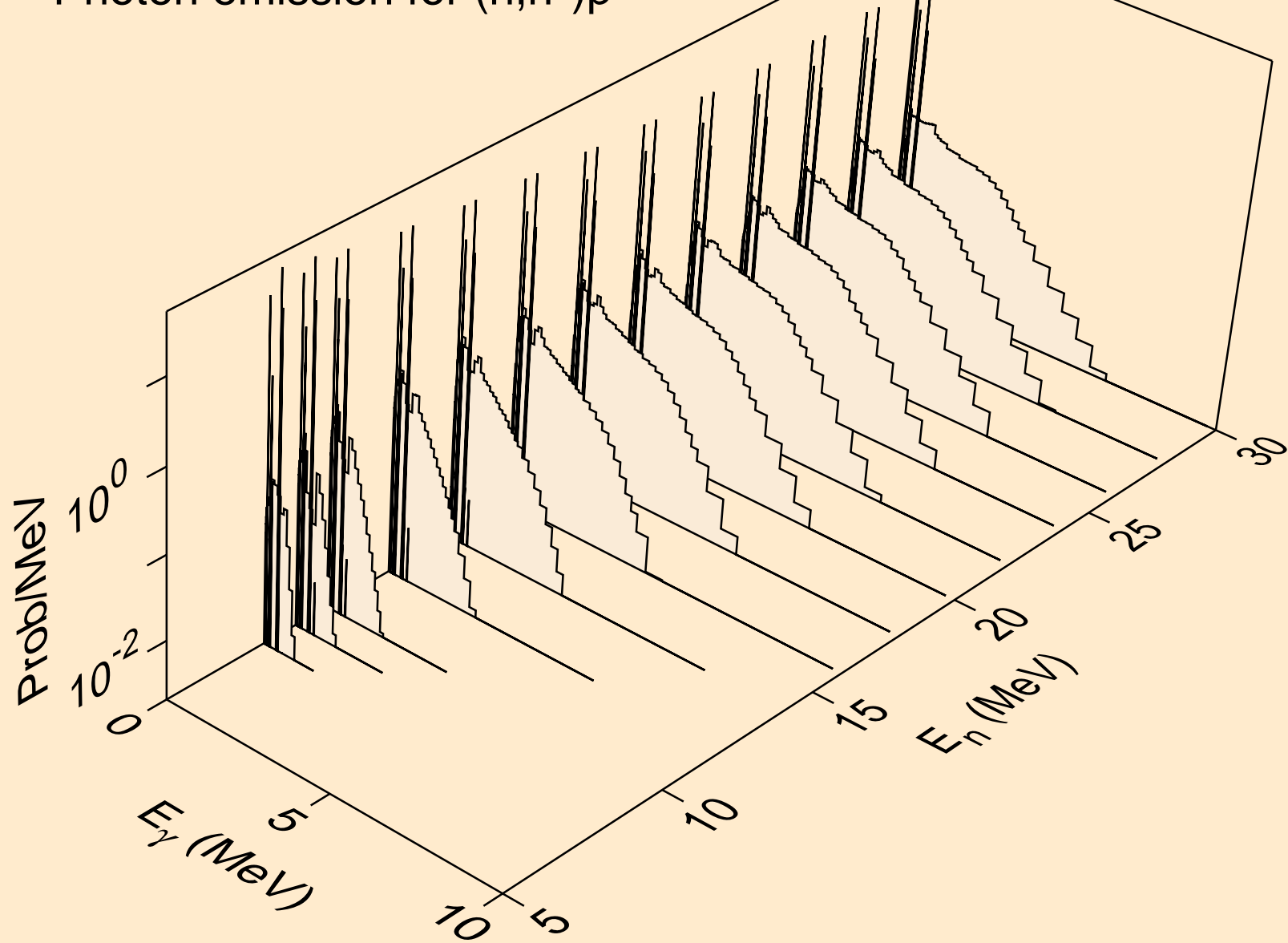
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



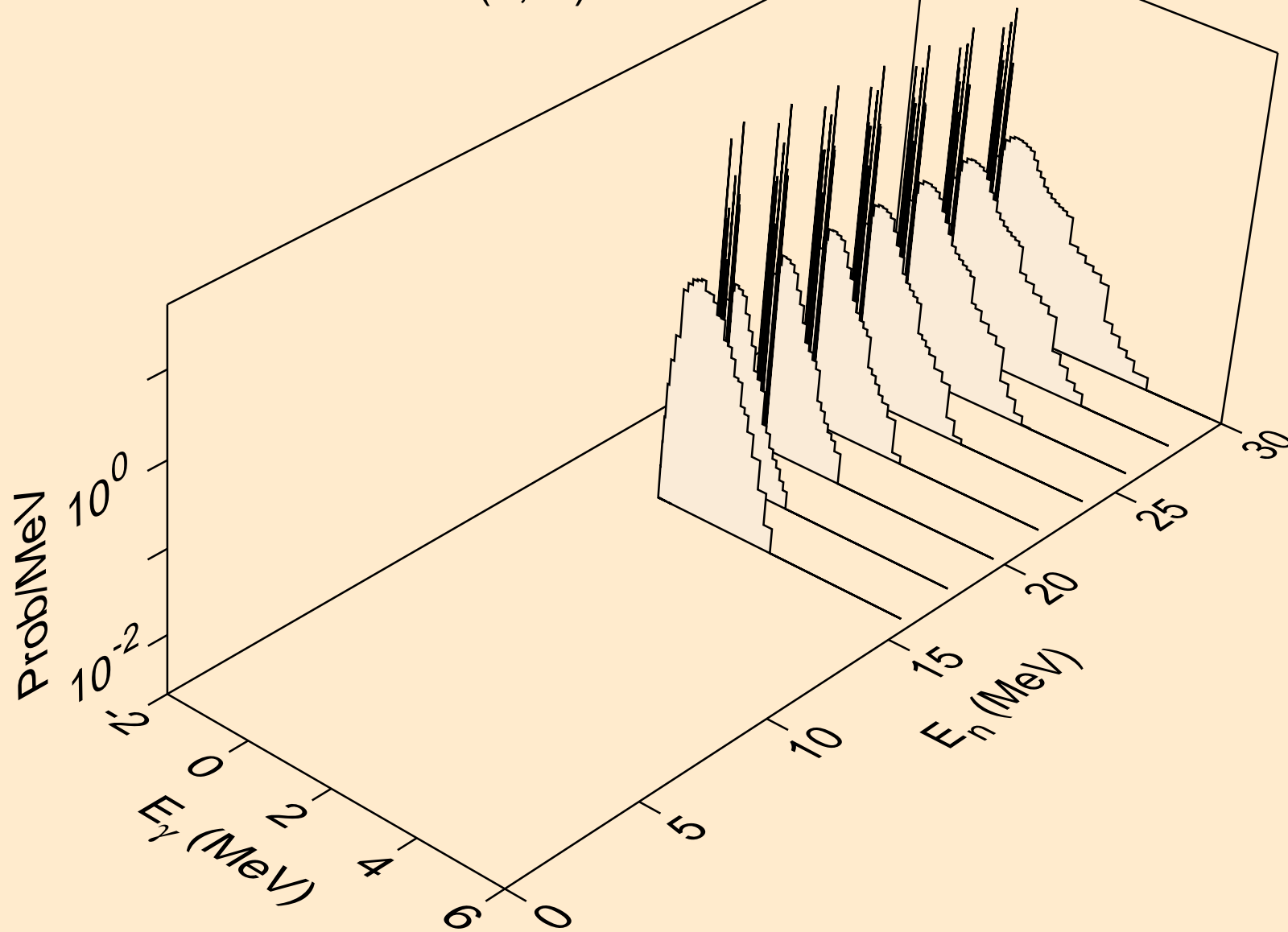
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



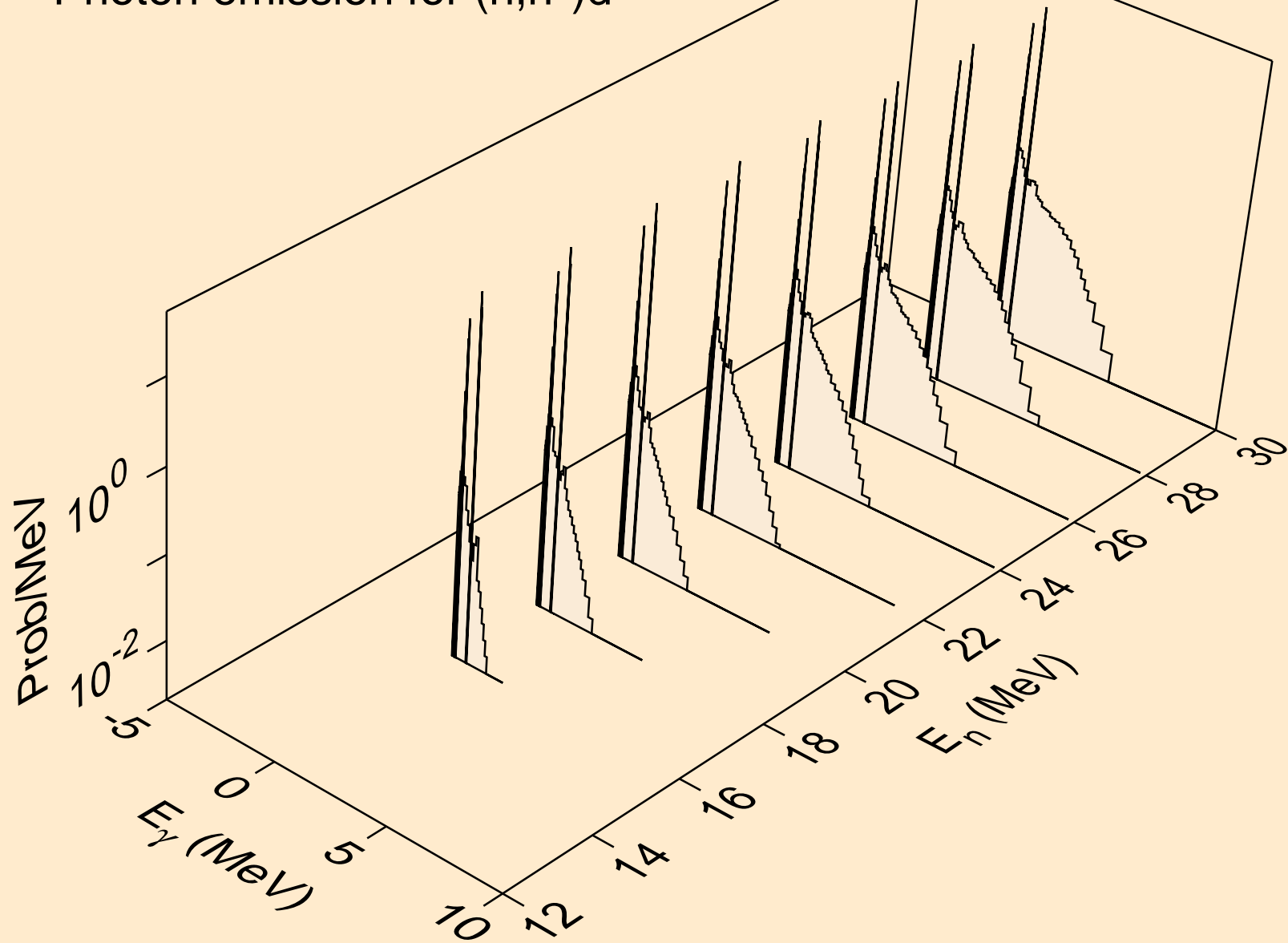
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



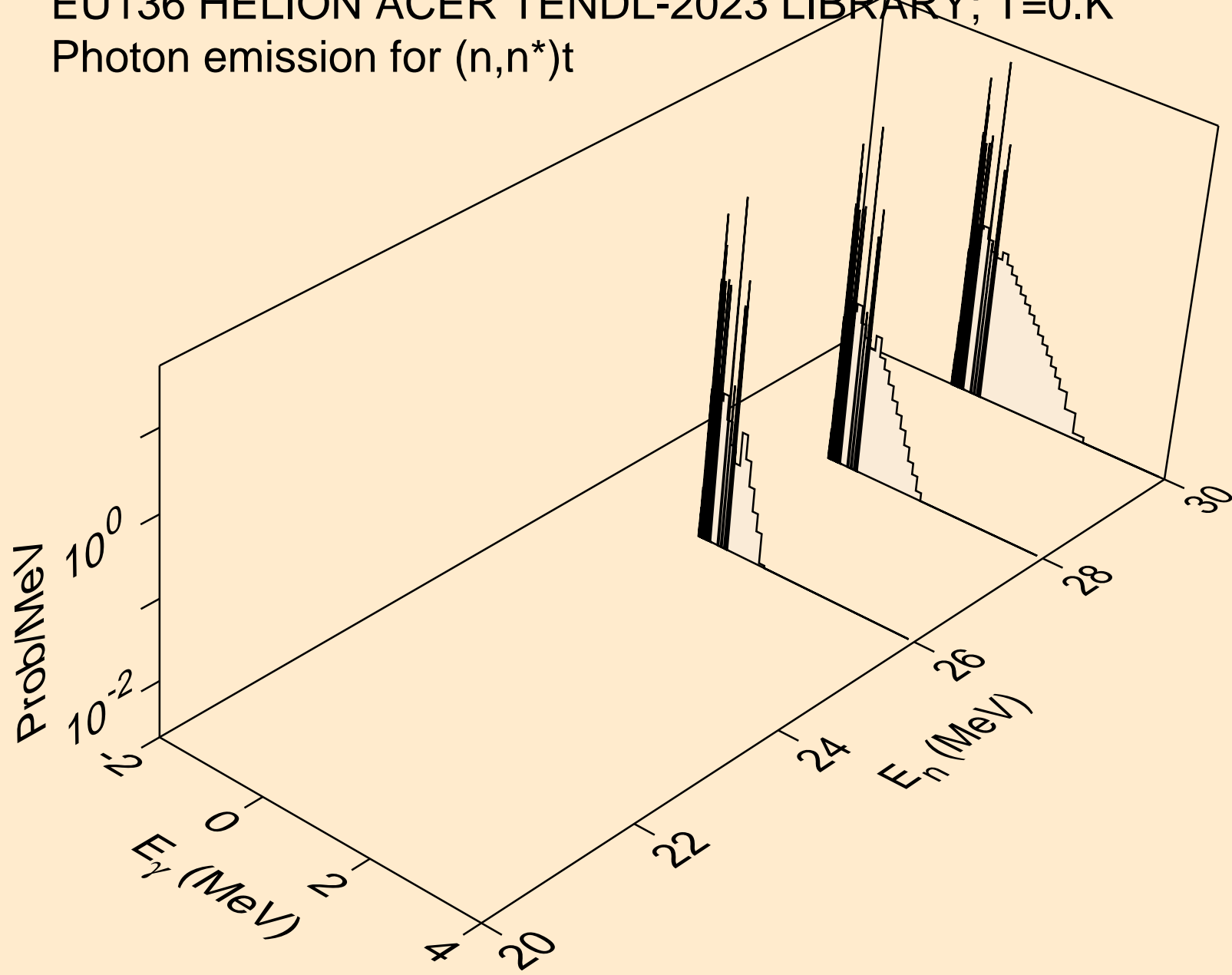
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

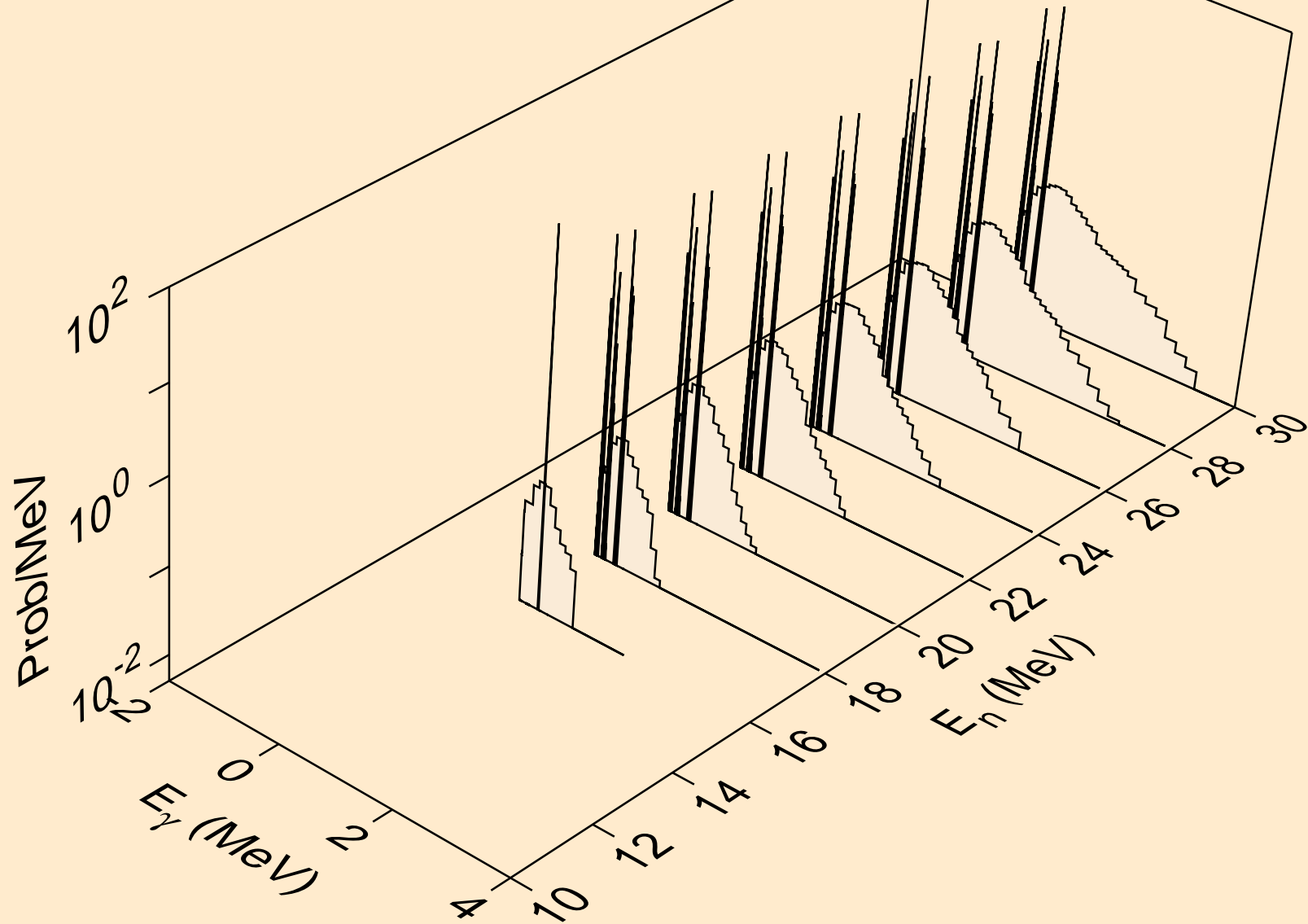


EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

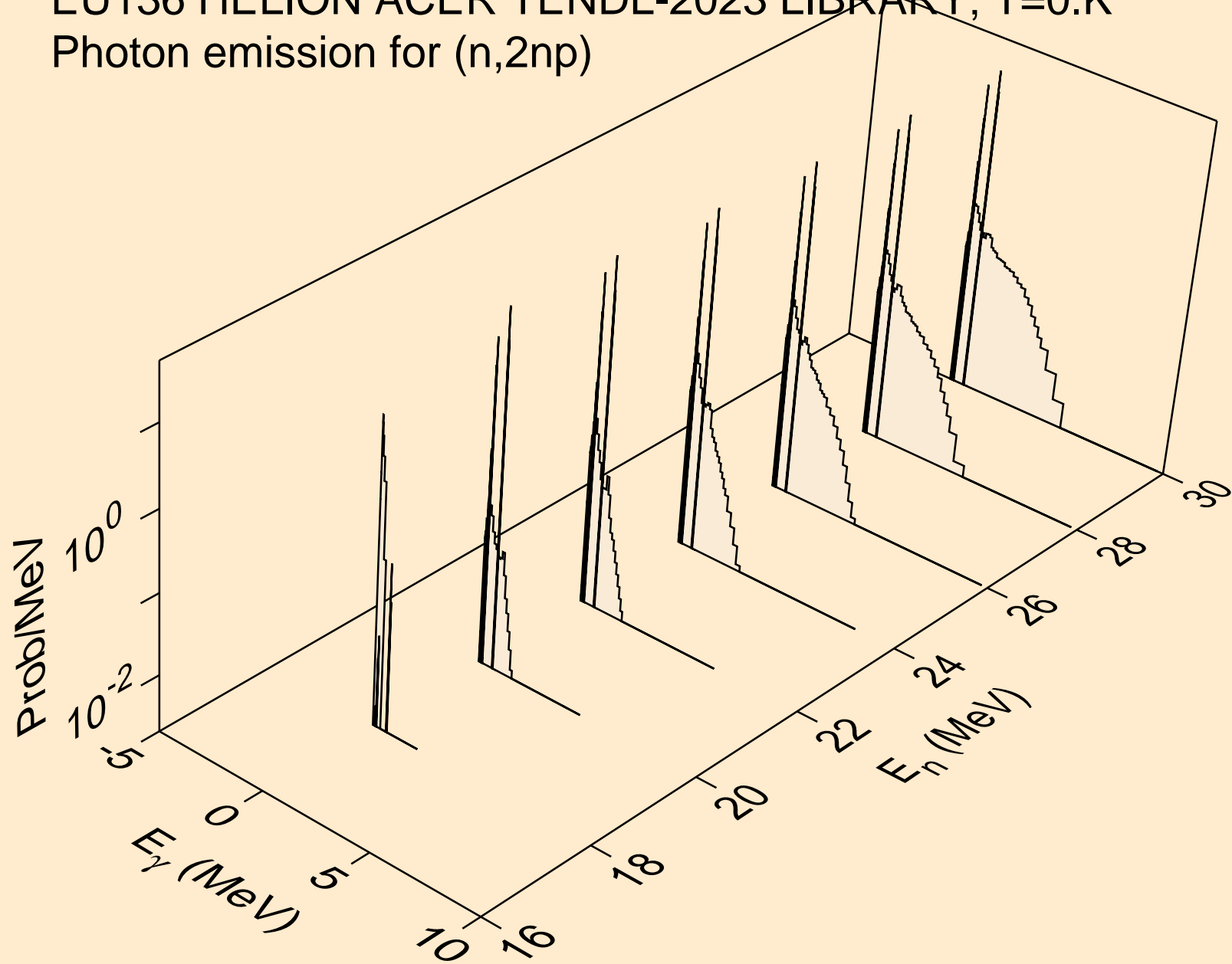




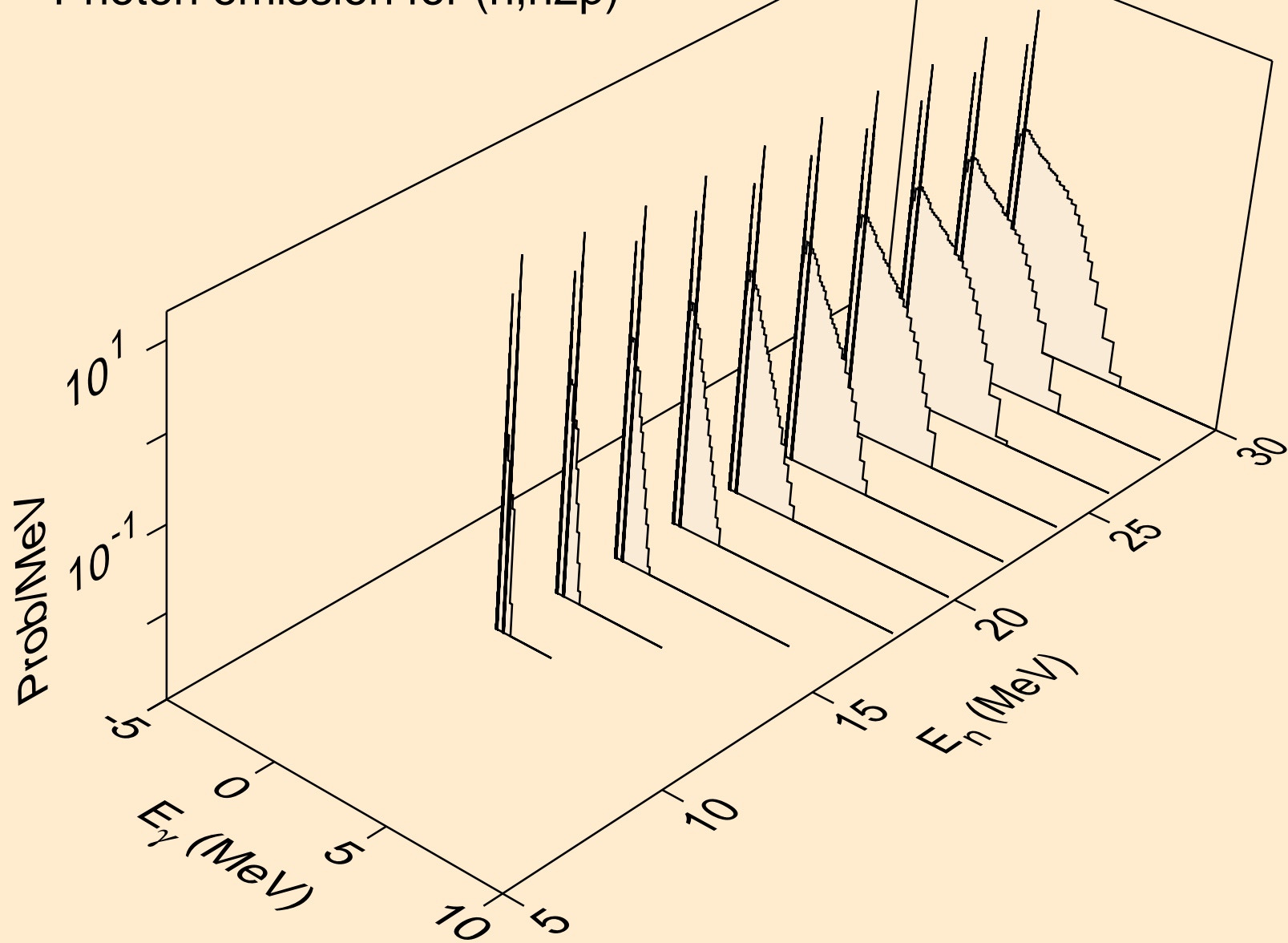
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



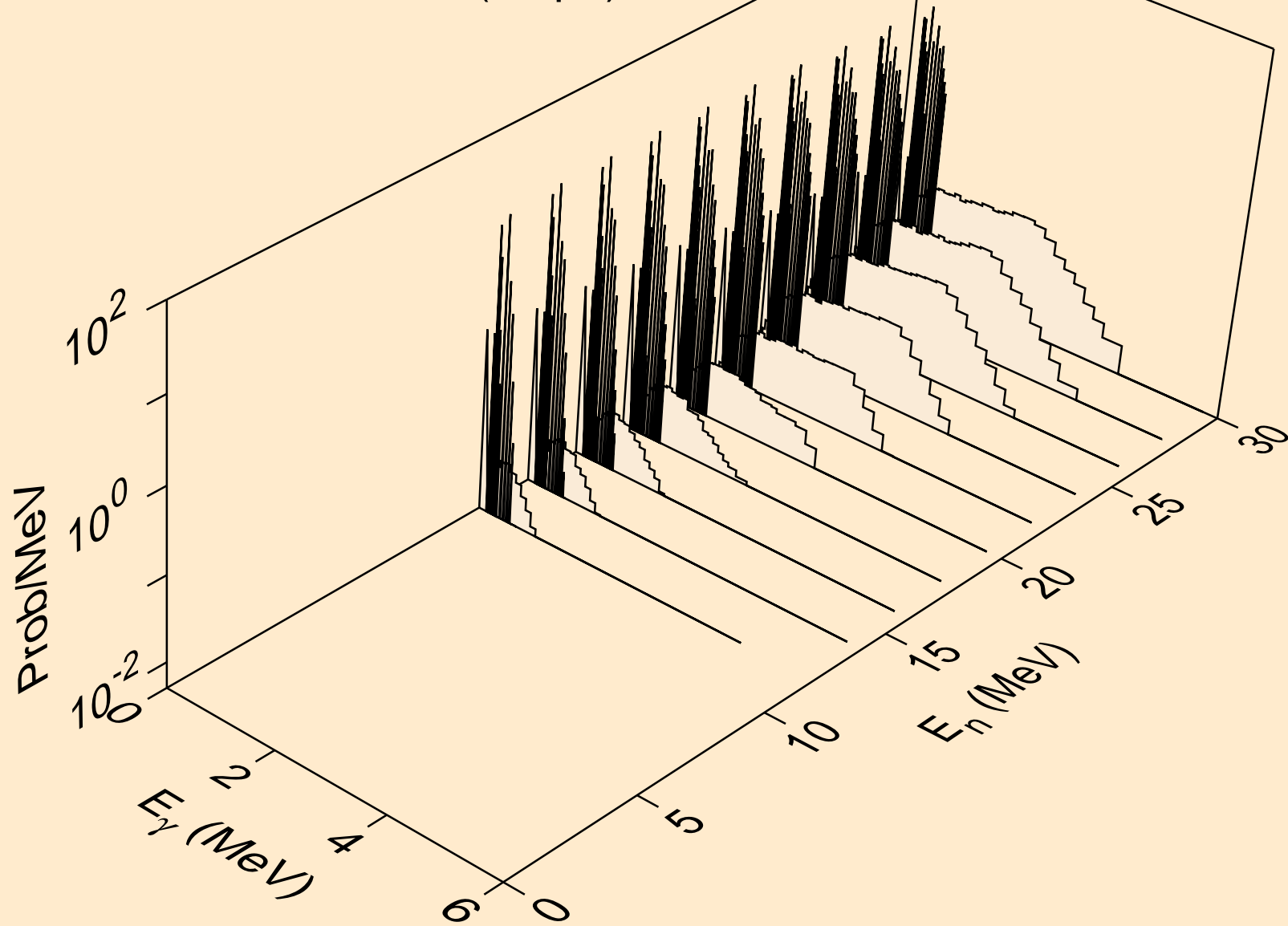
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



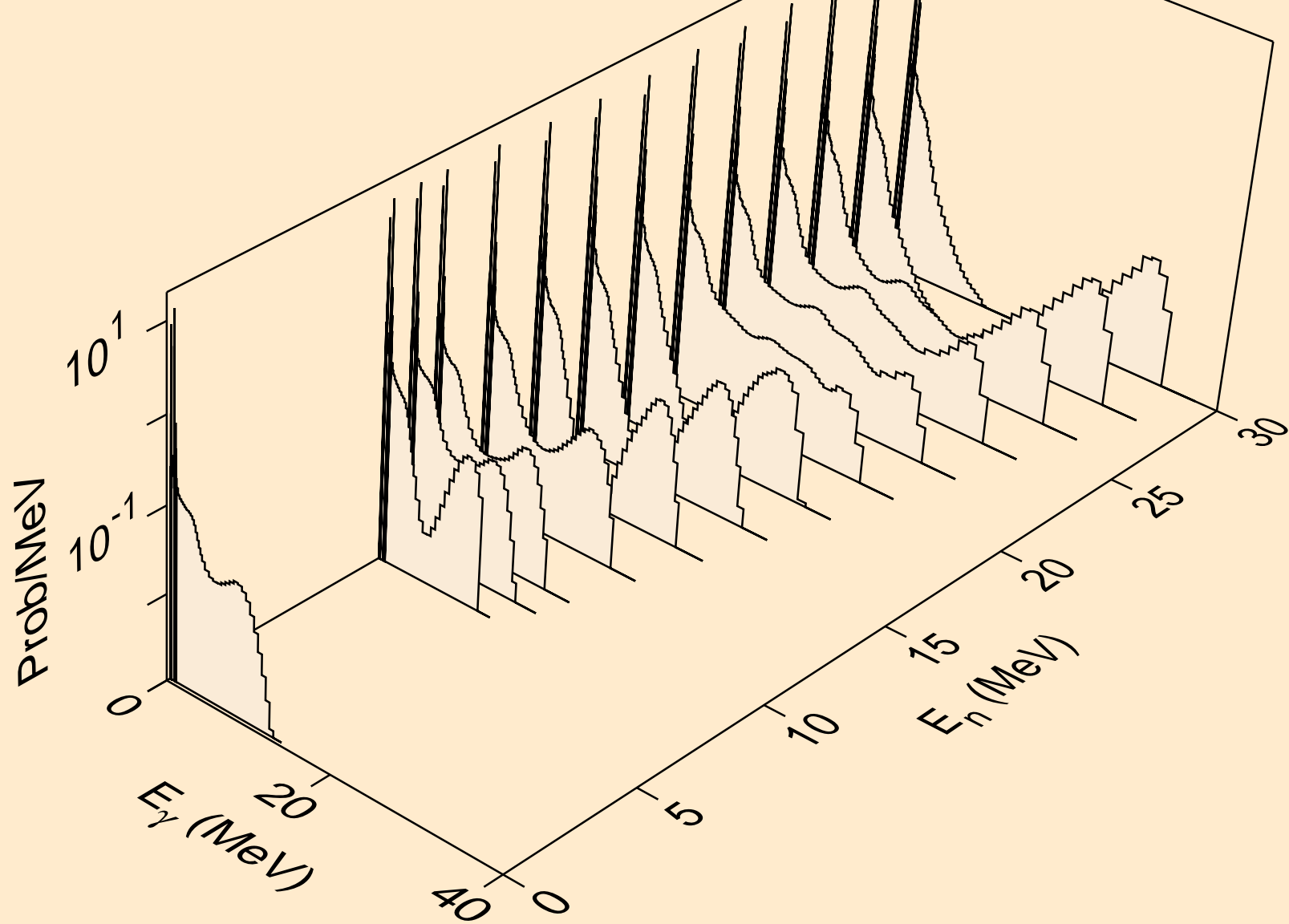
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



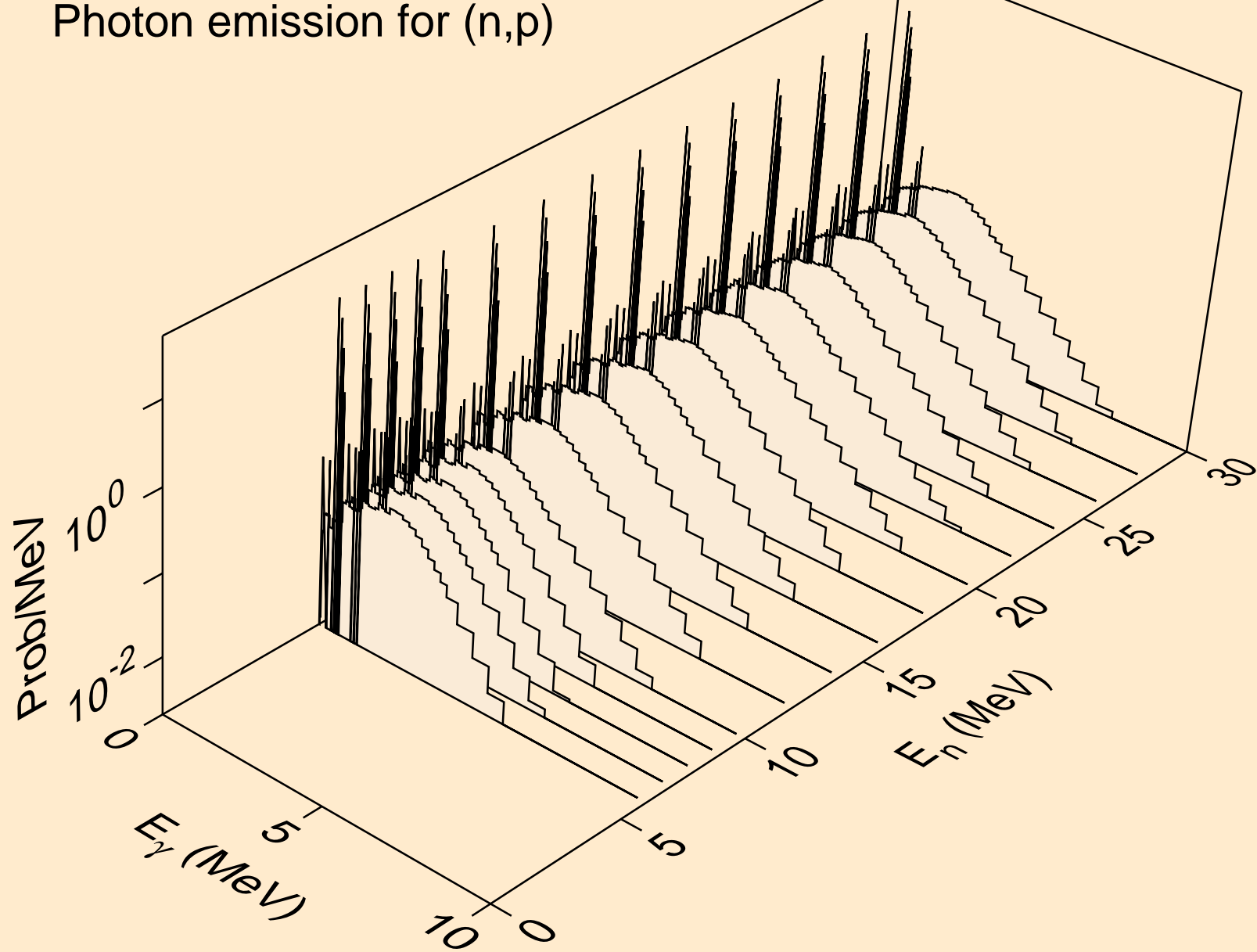
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



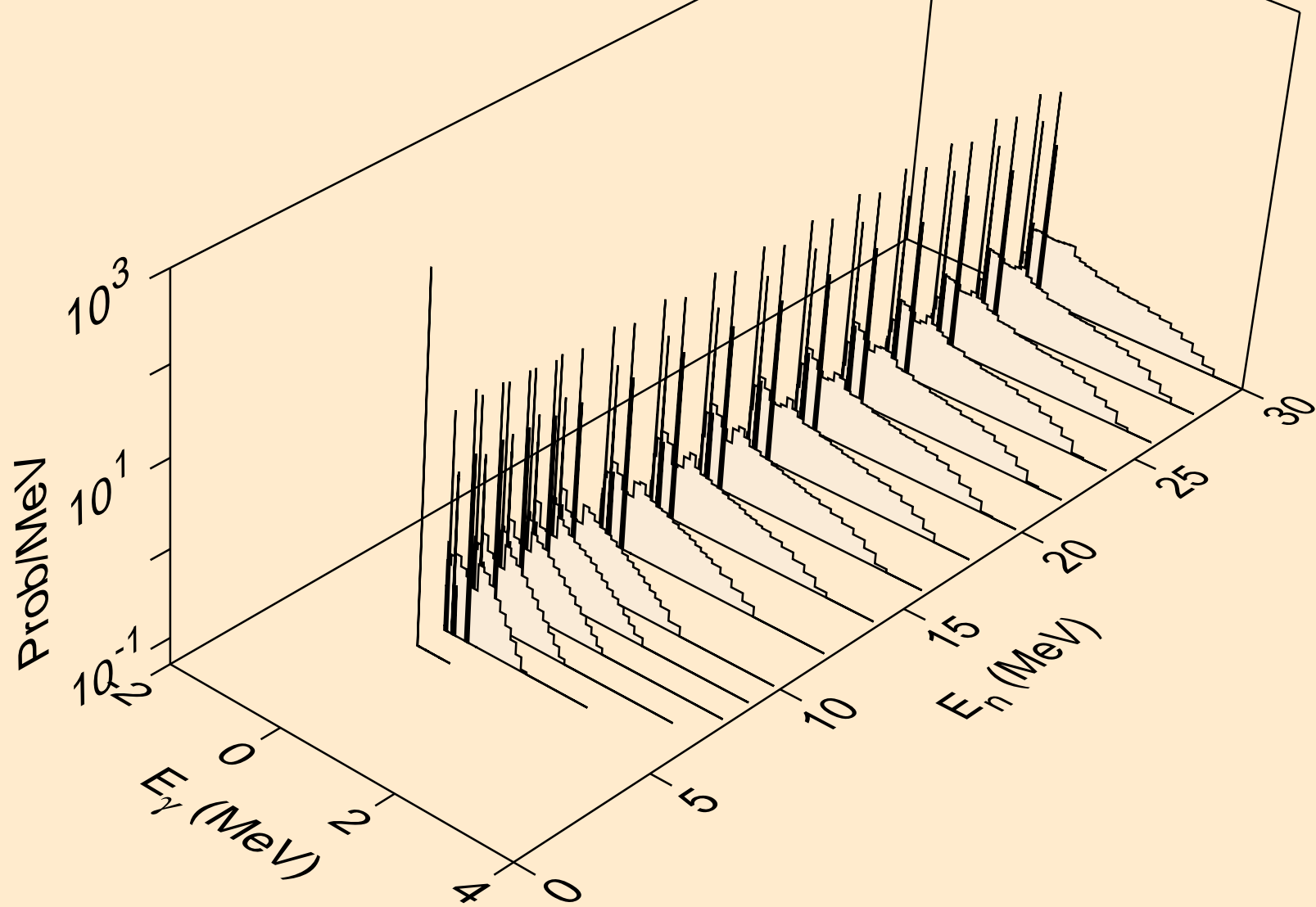
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



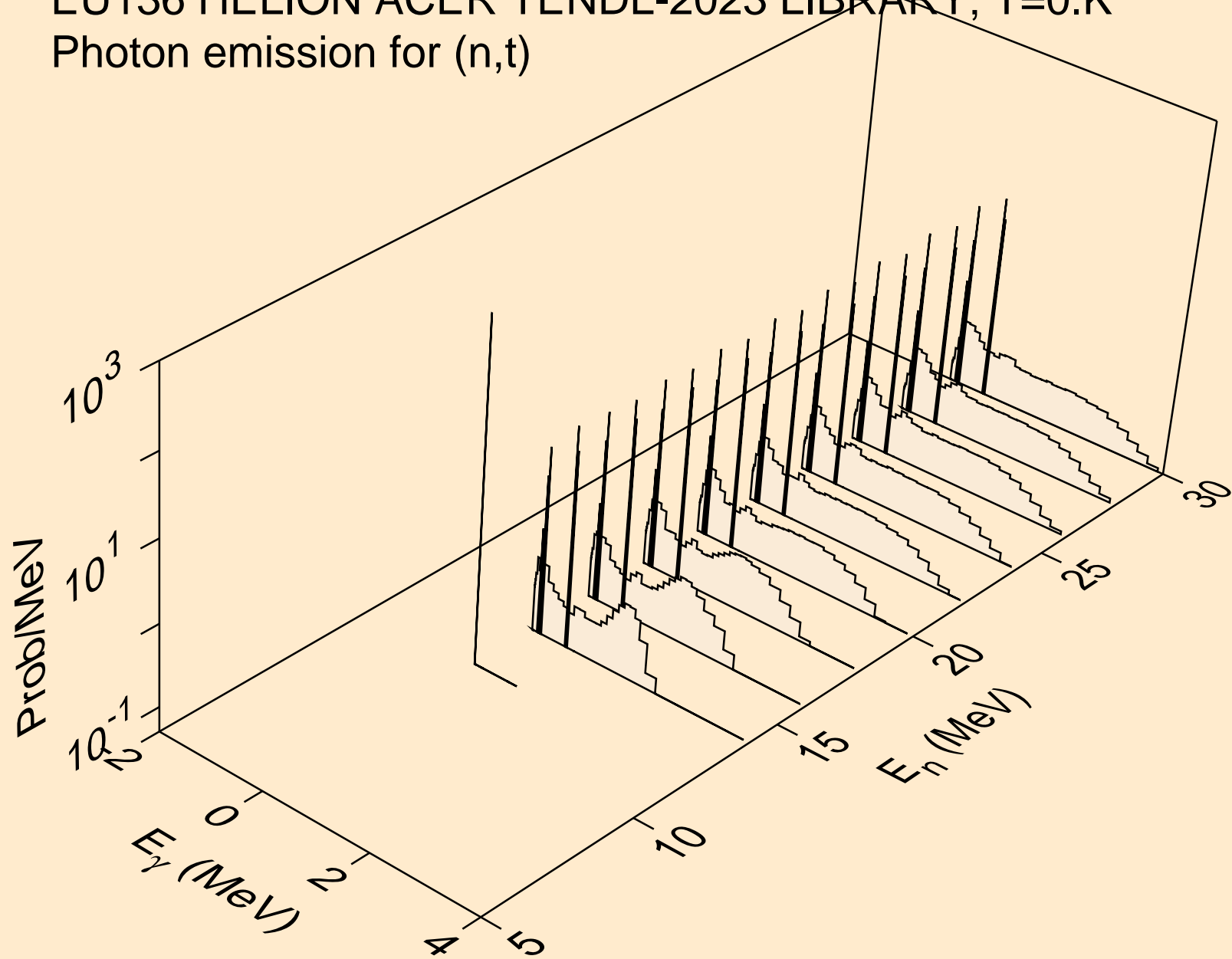
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

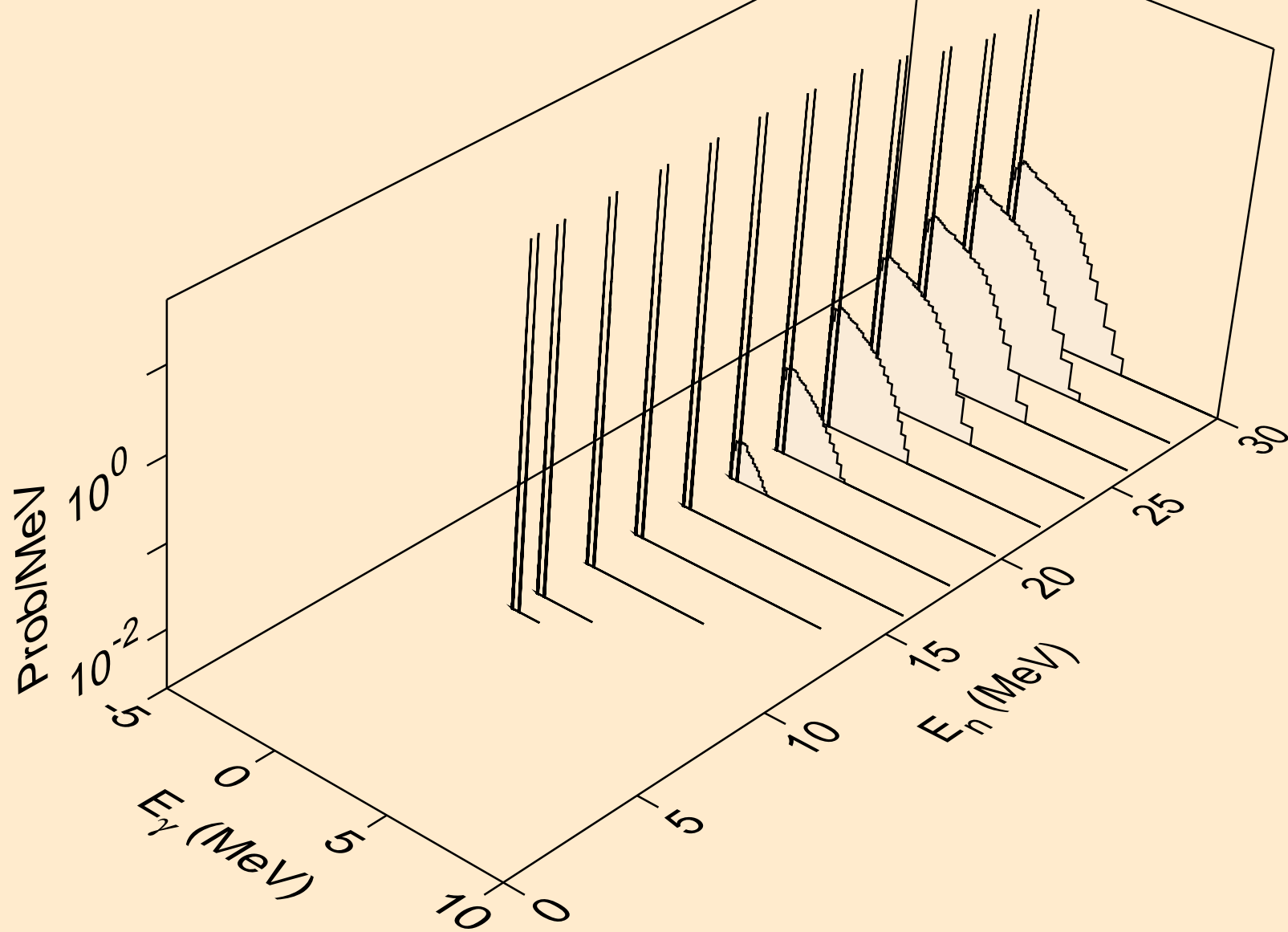


EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

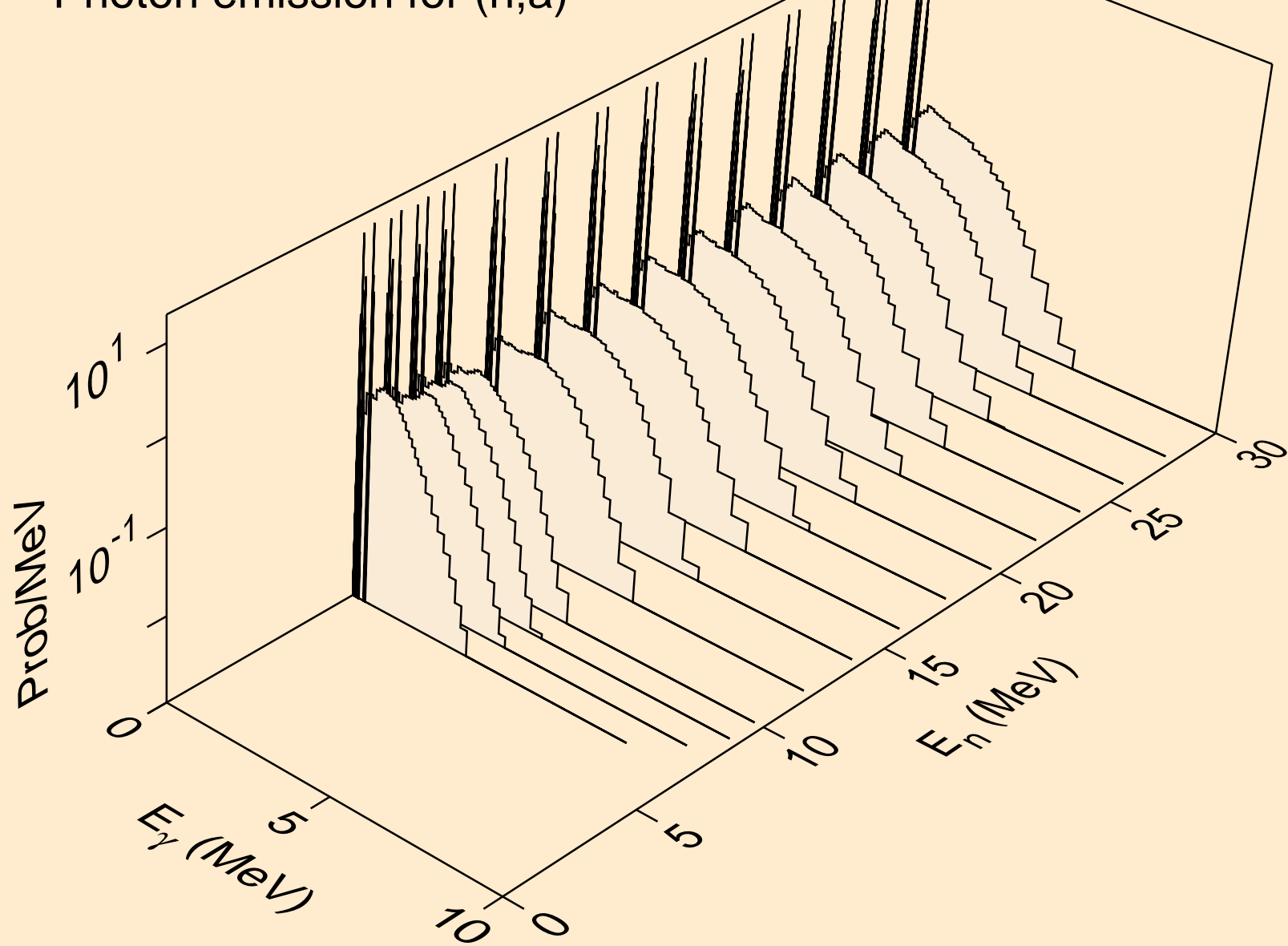




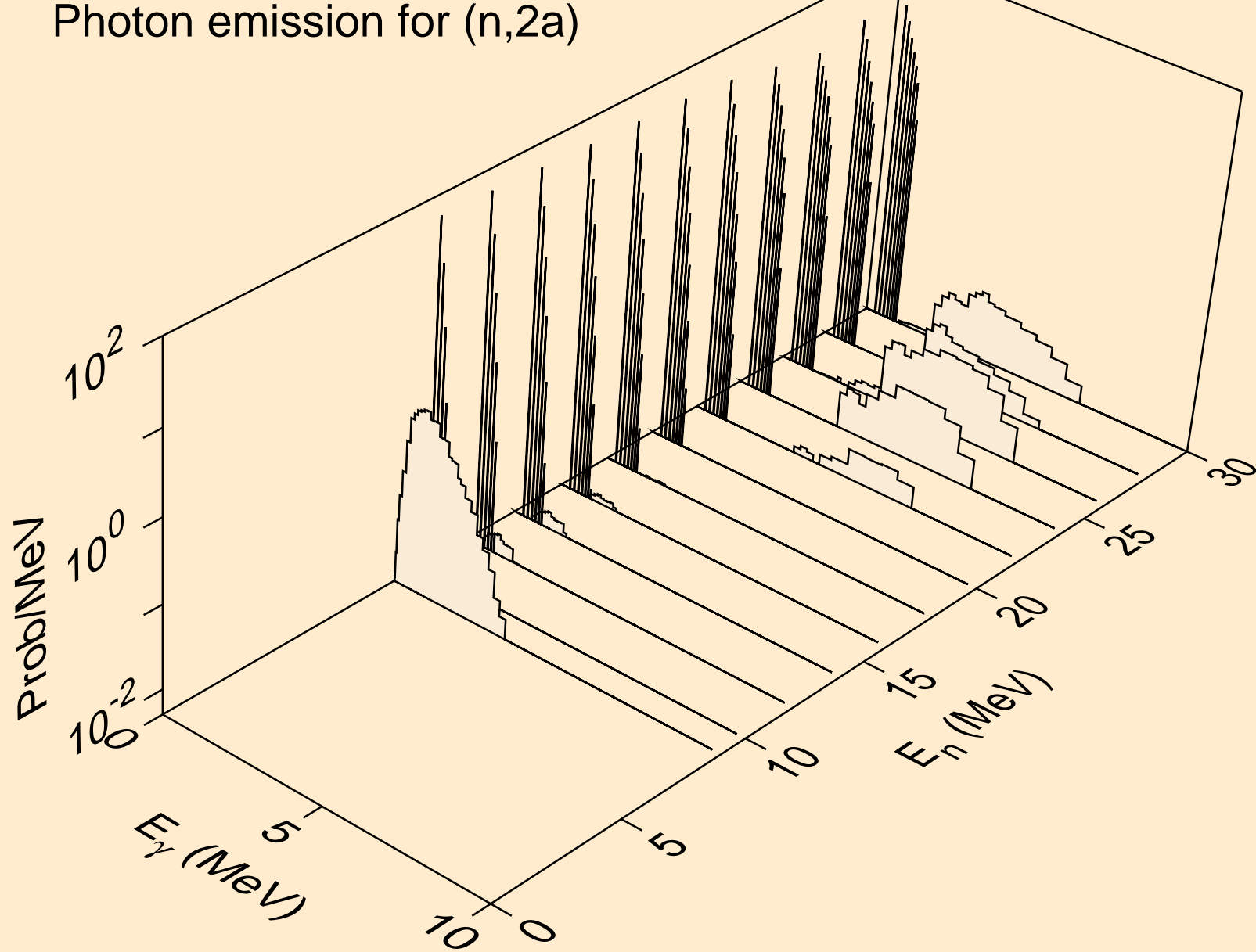
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



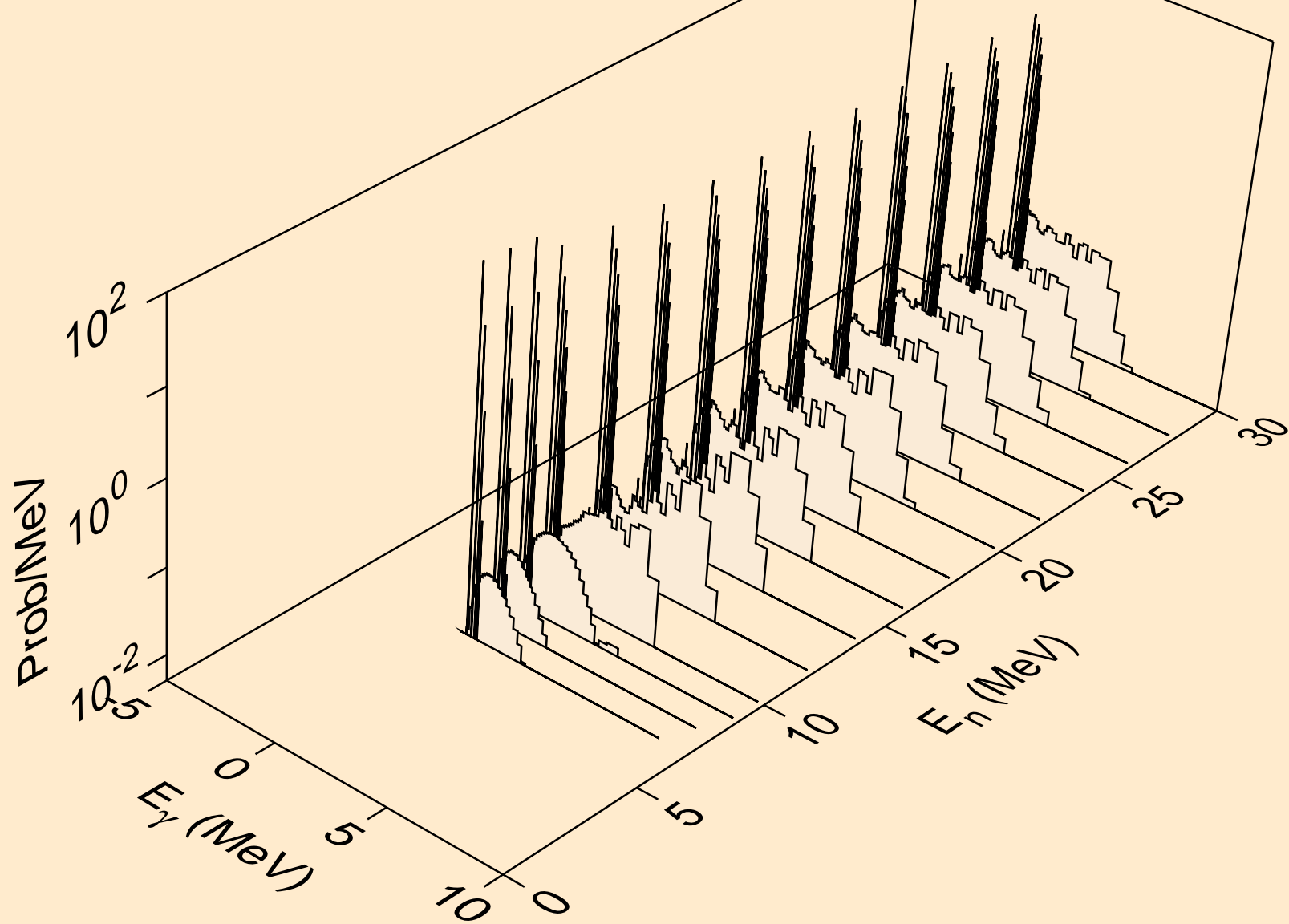
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



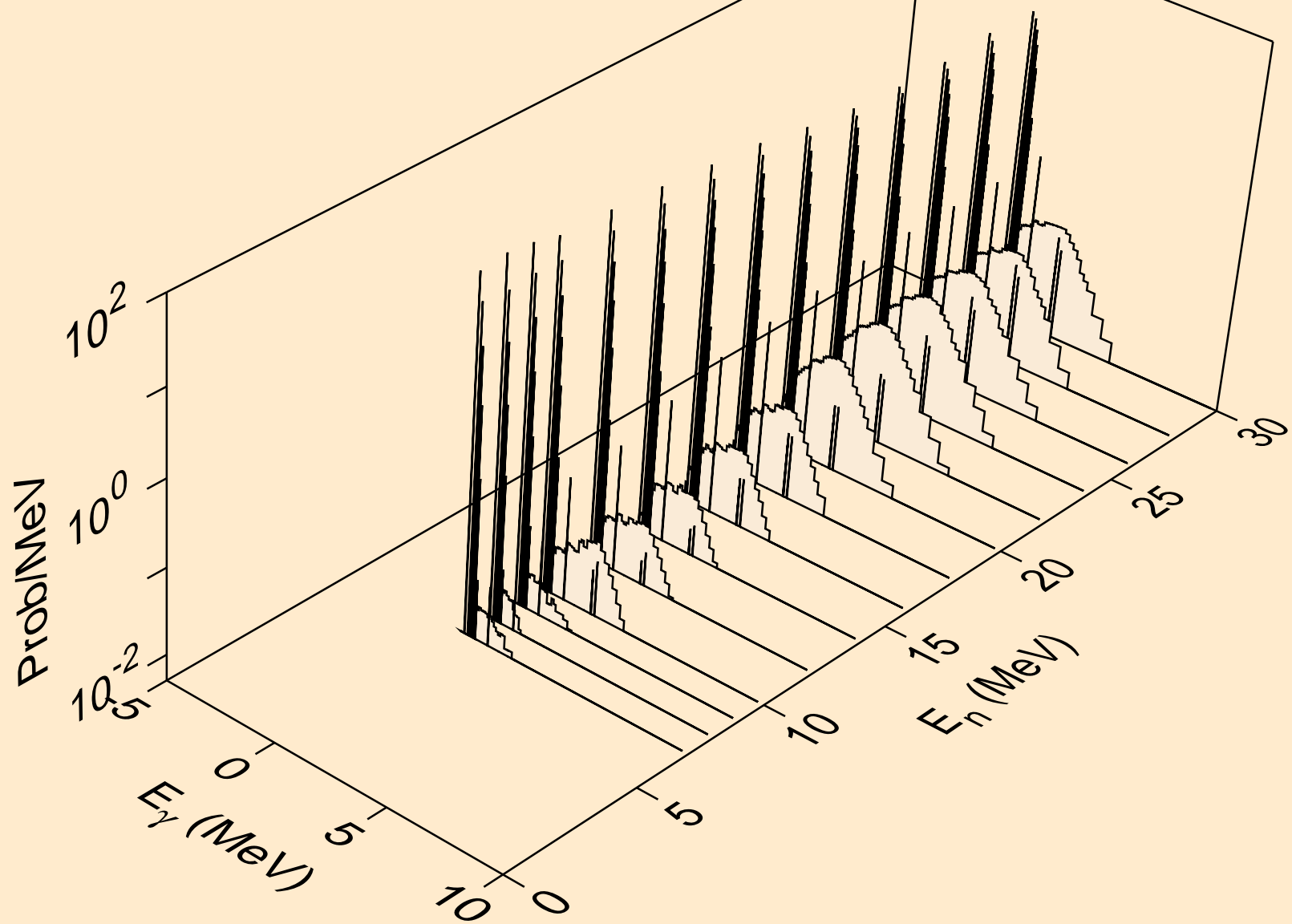
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Photon emission for (n,2a)



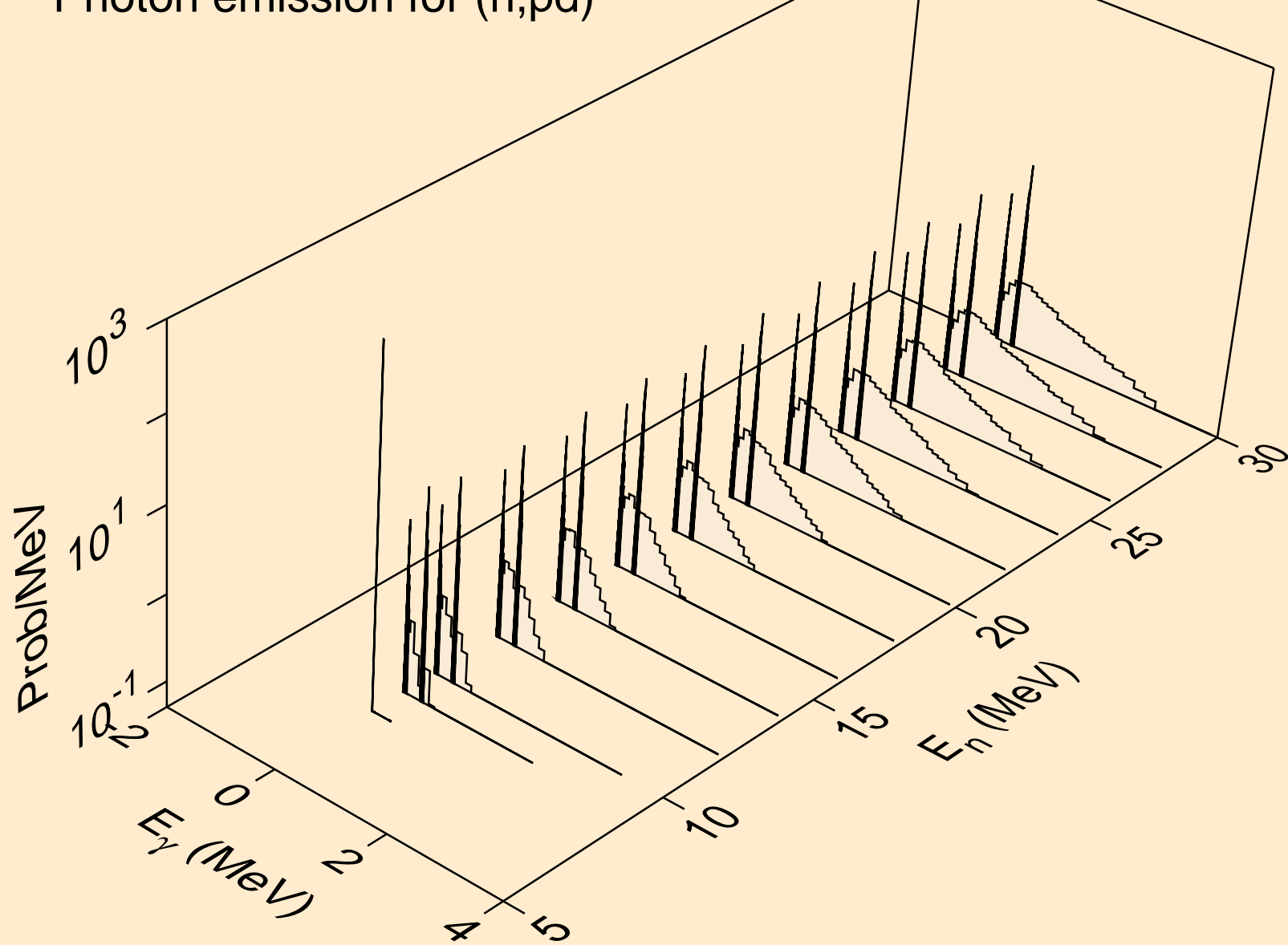
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



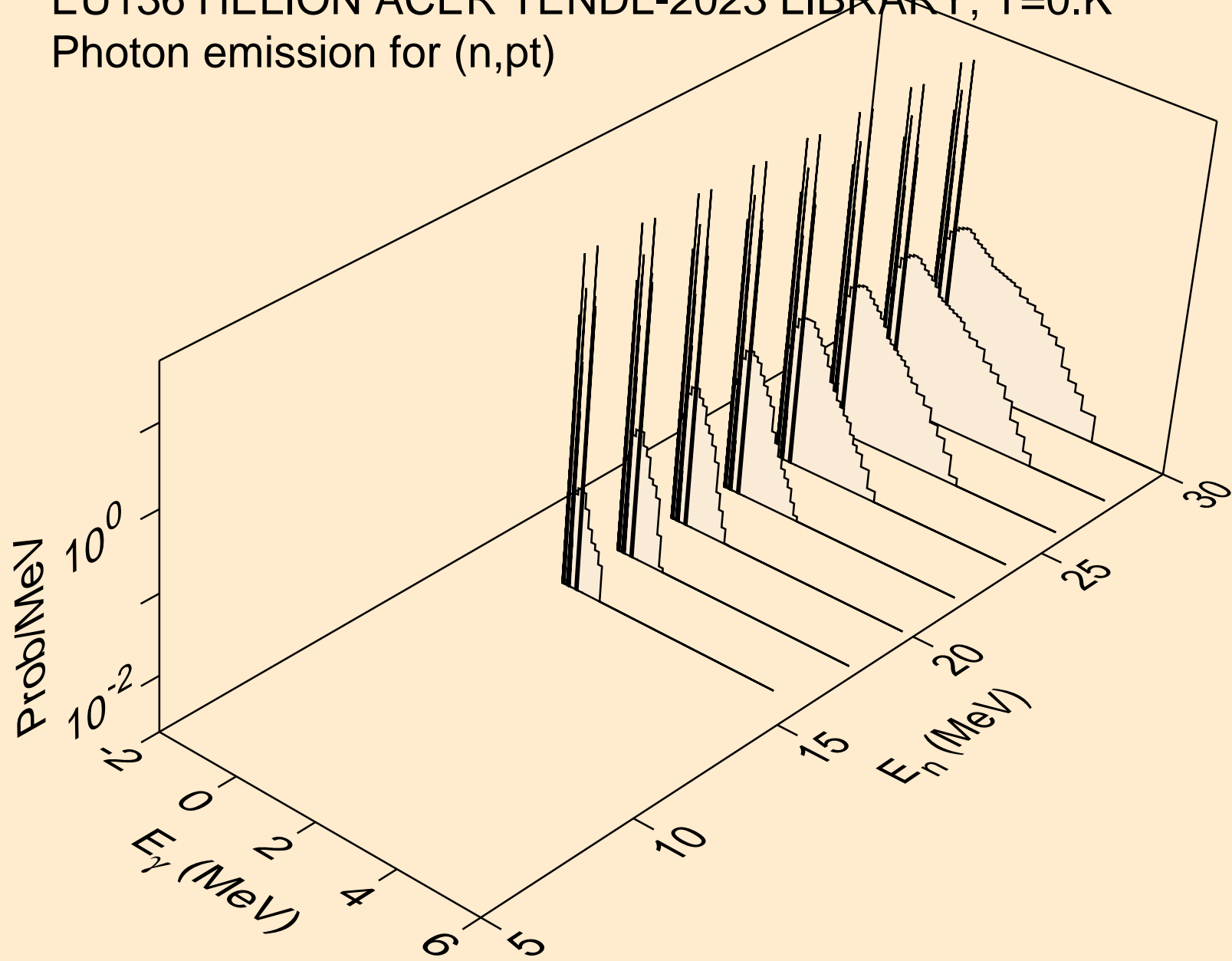
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



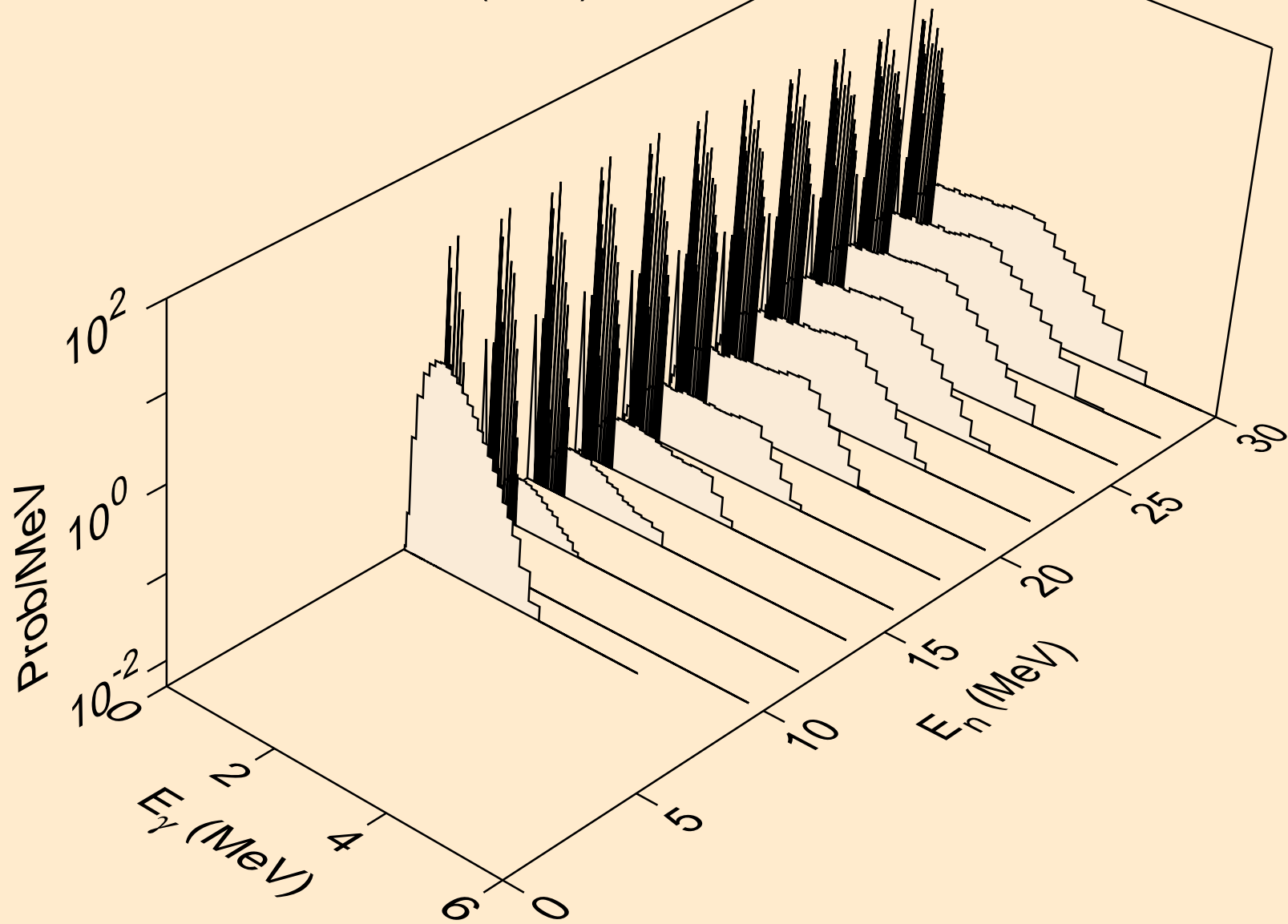
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



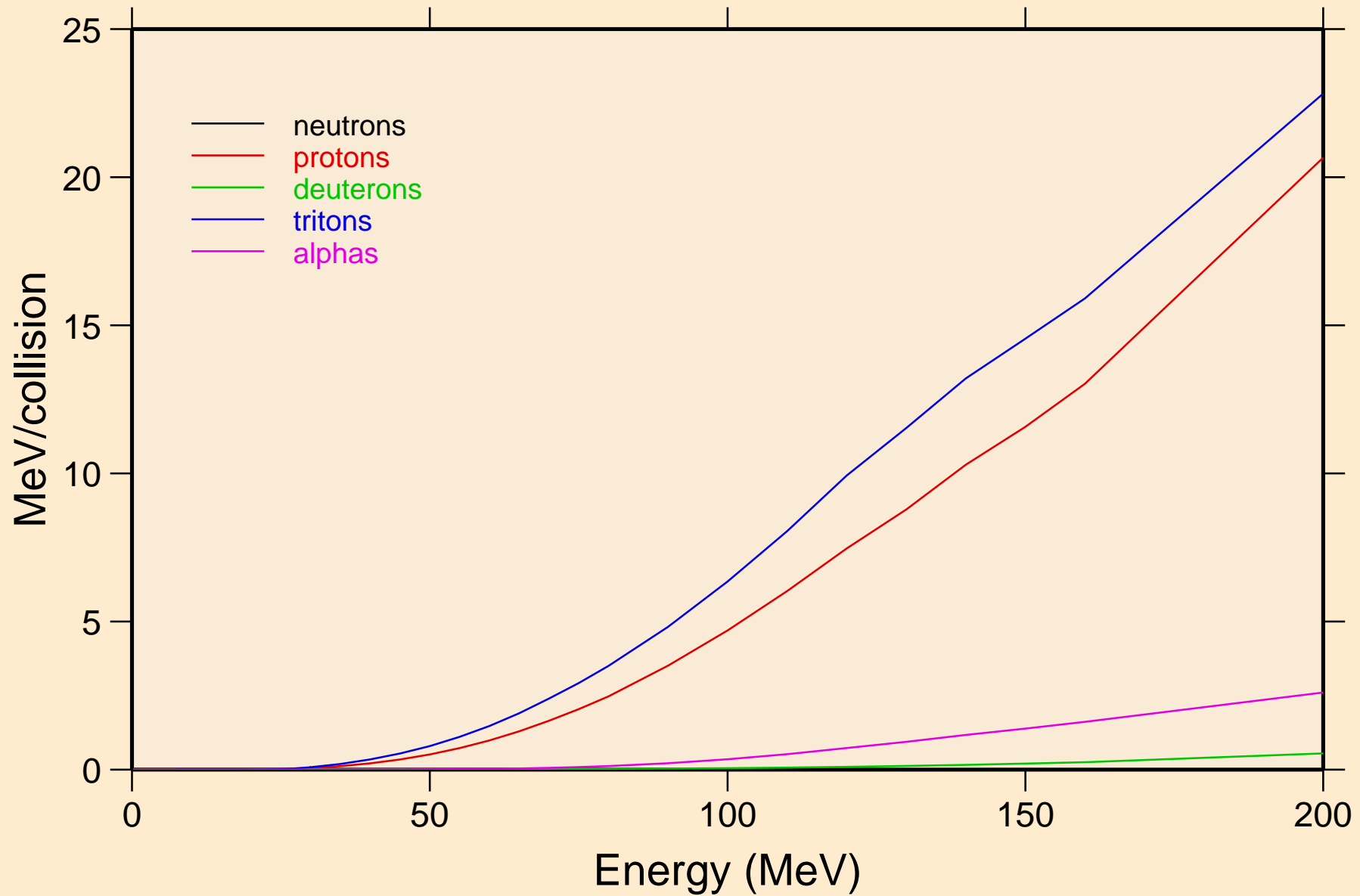
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



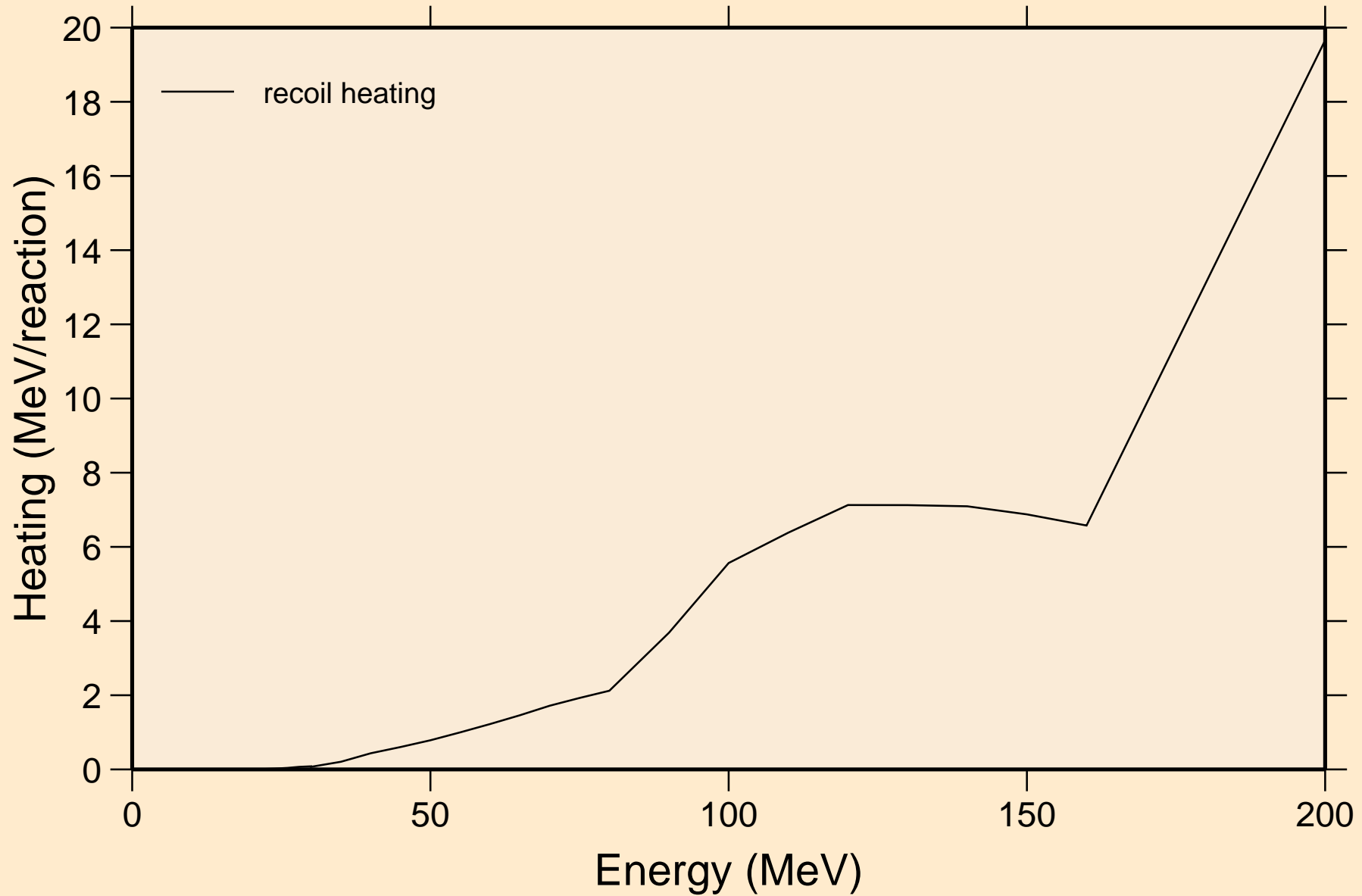


# EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K

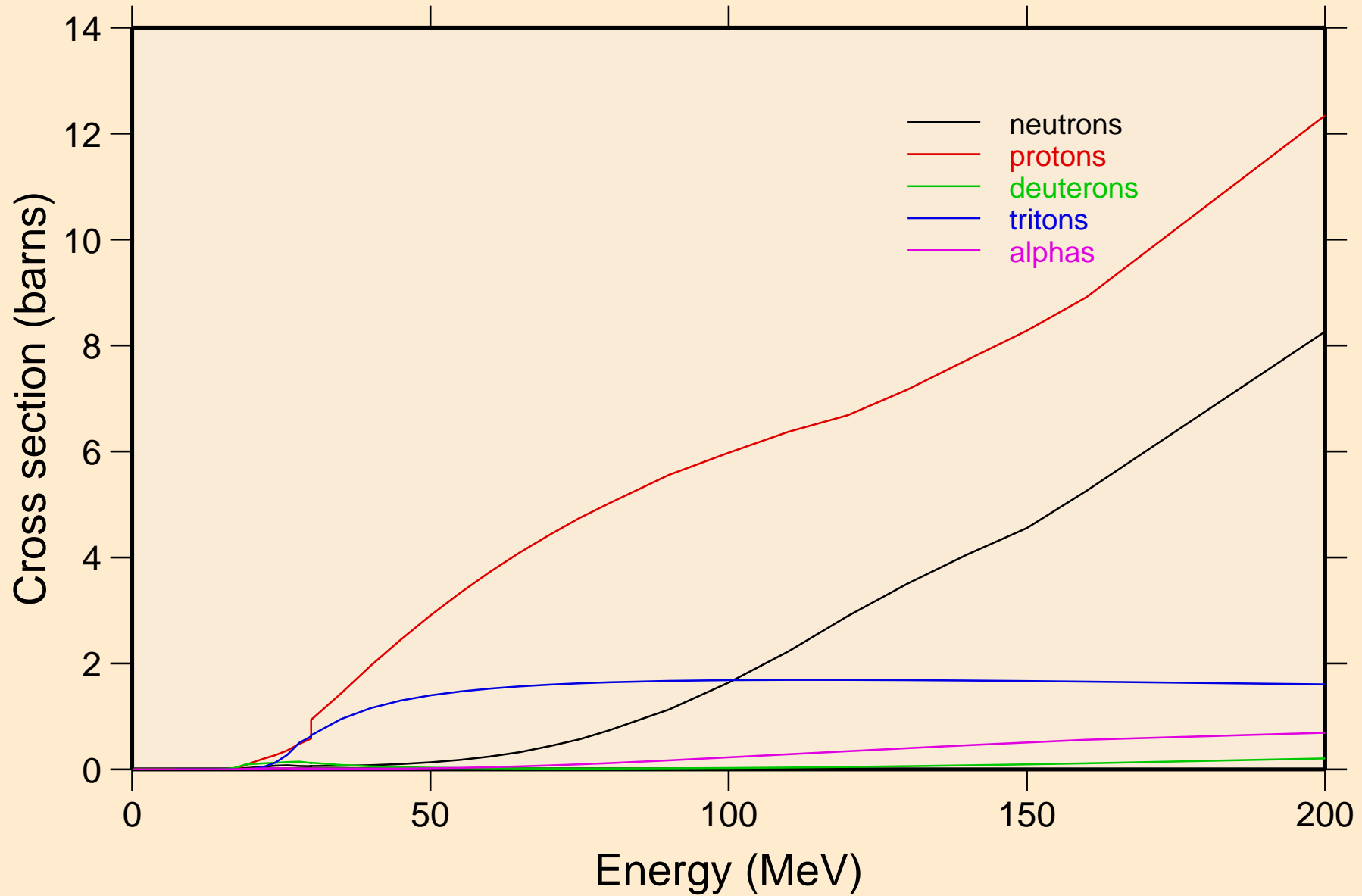
## Particle heating contributions



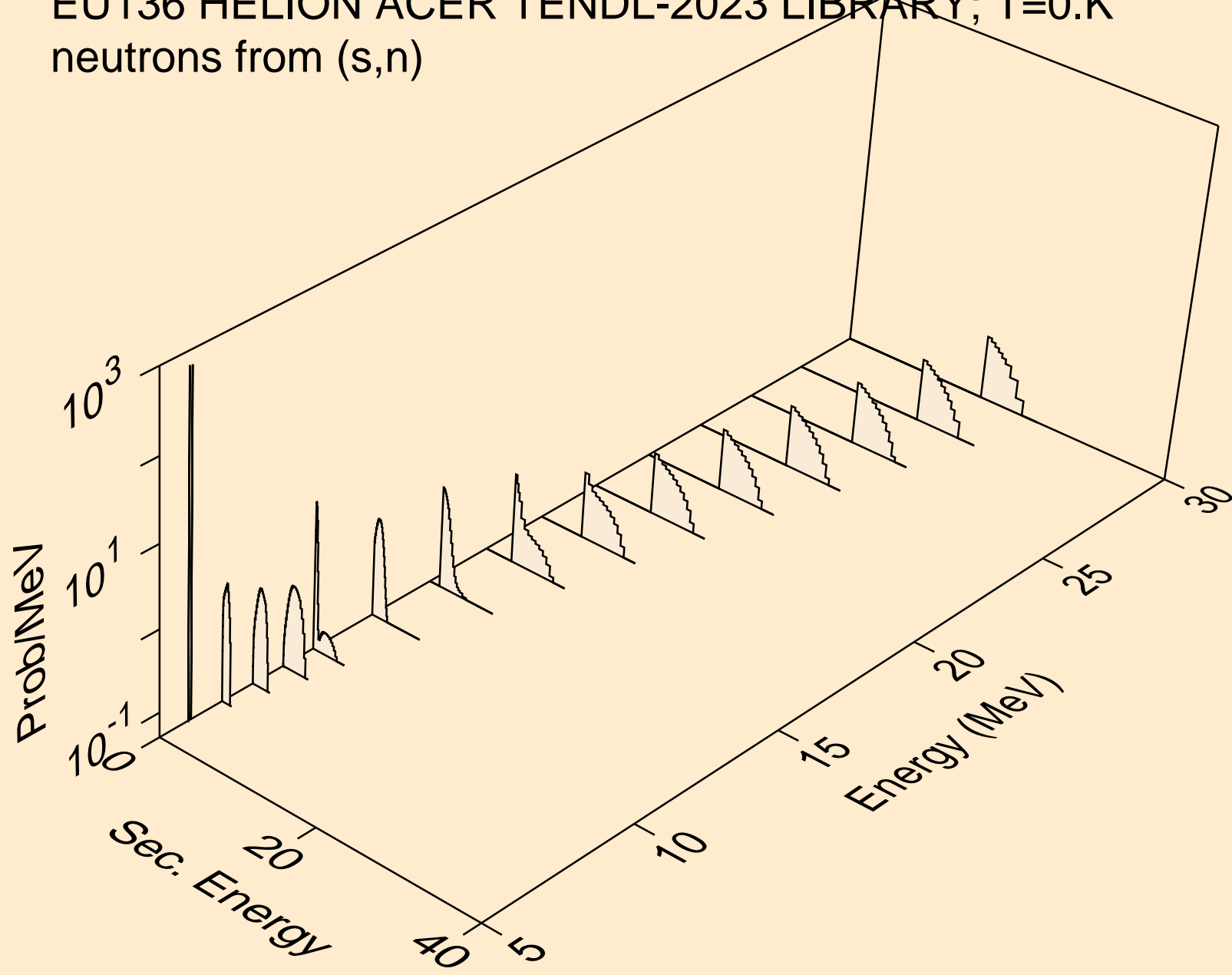
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



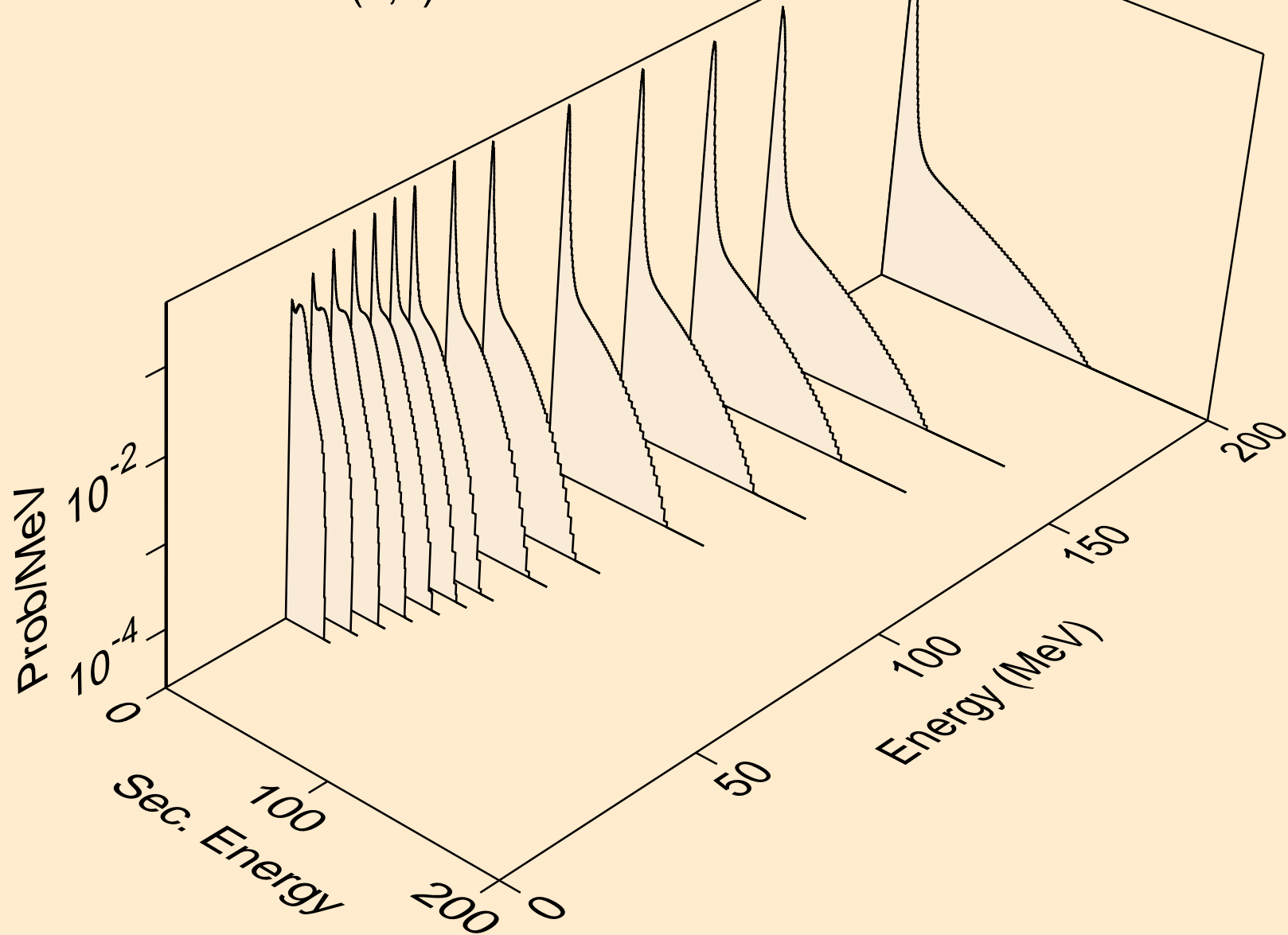
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



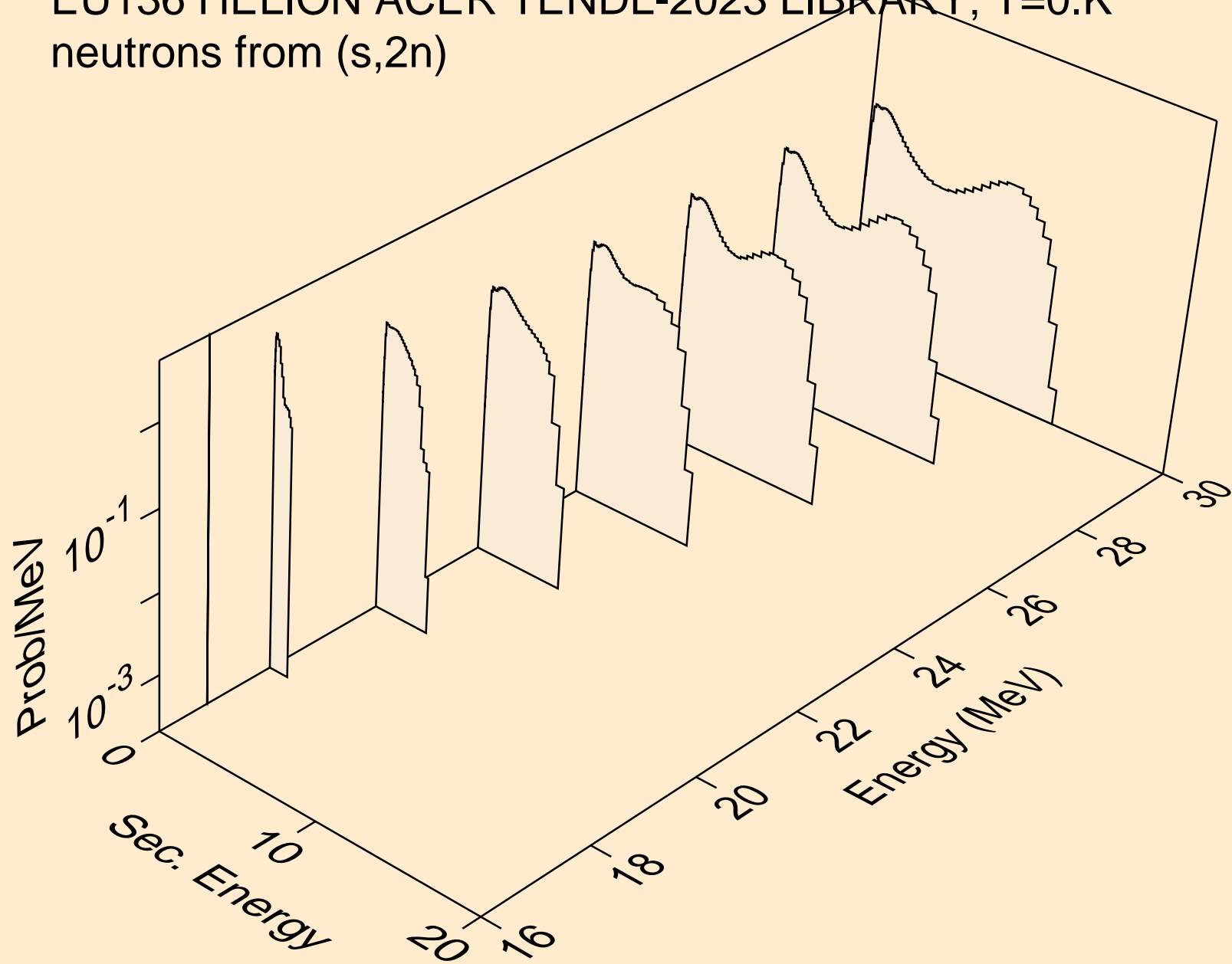
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



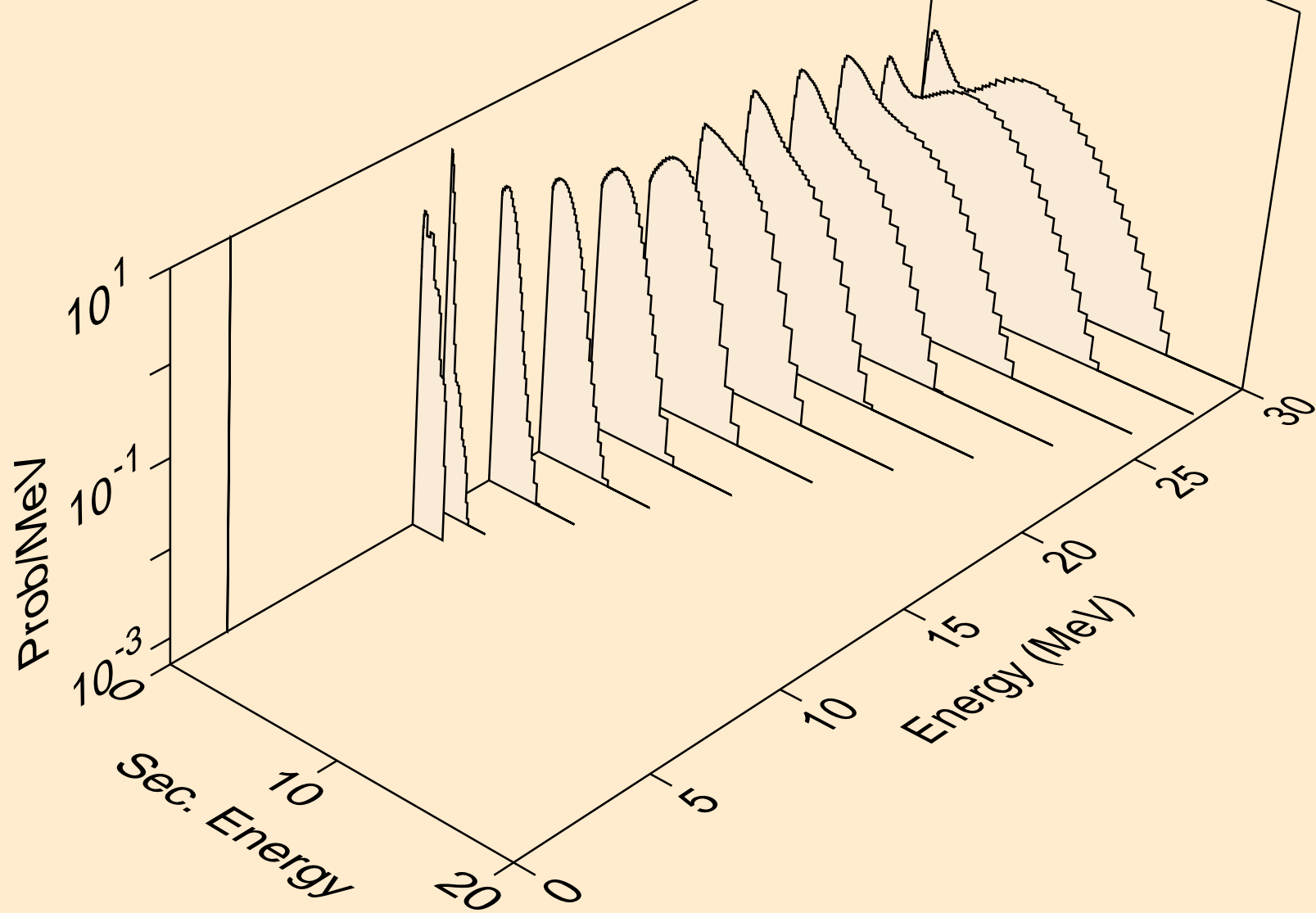
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



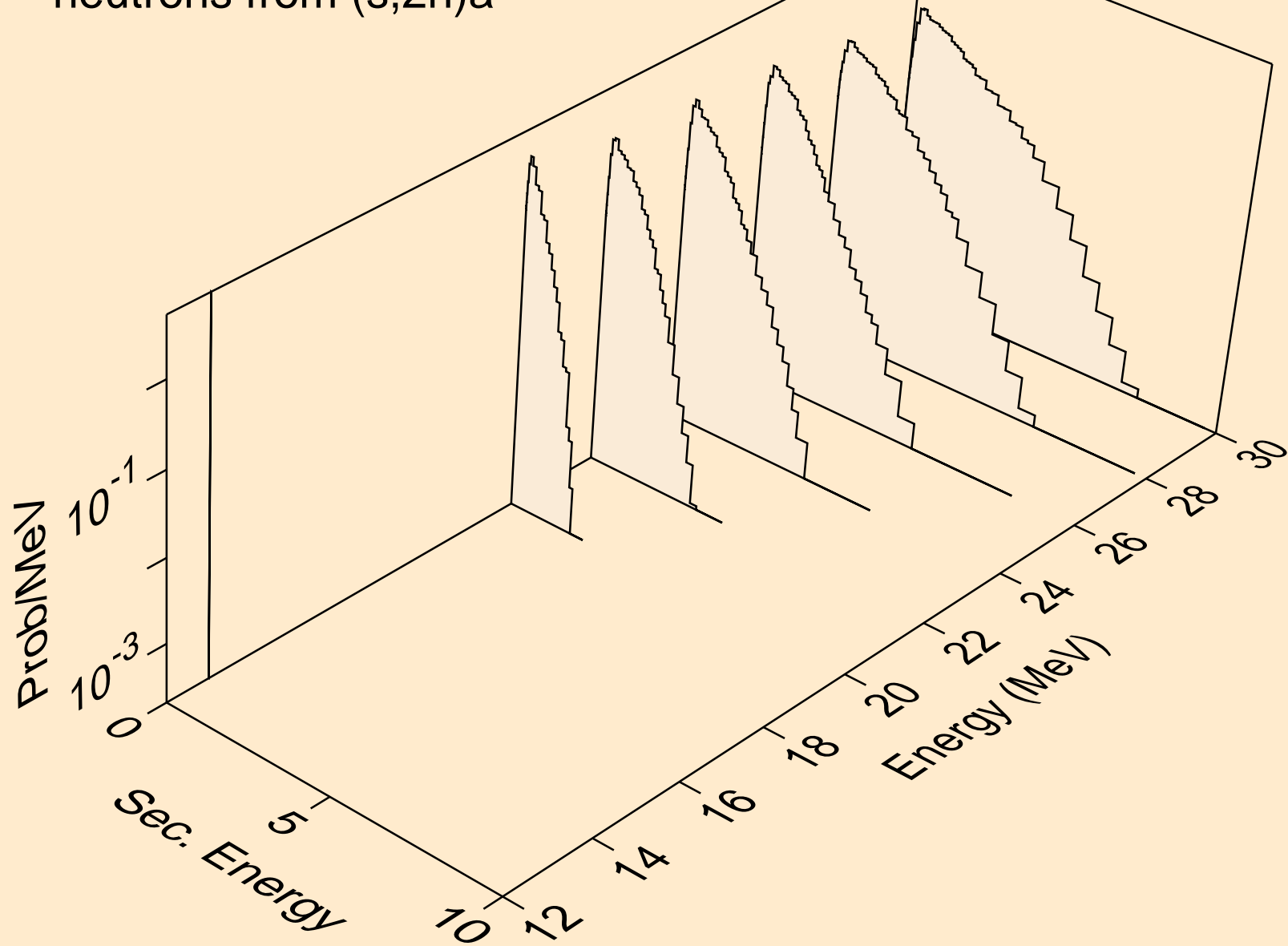
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

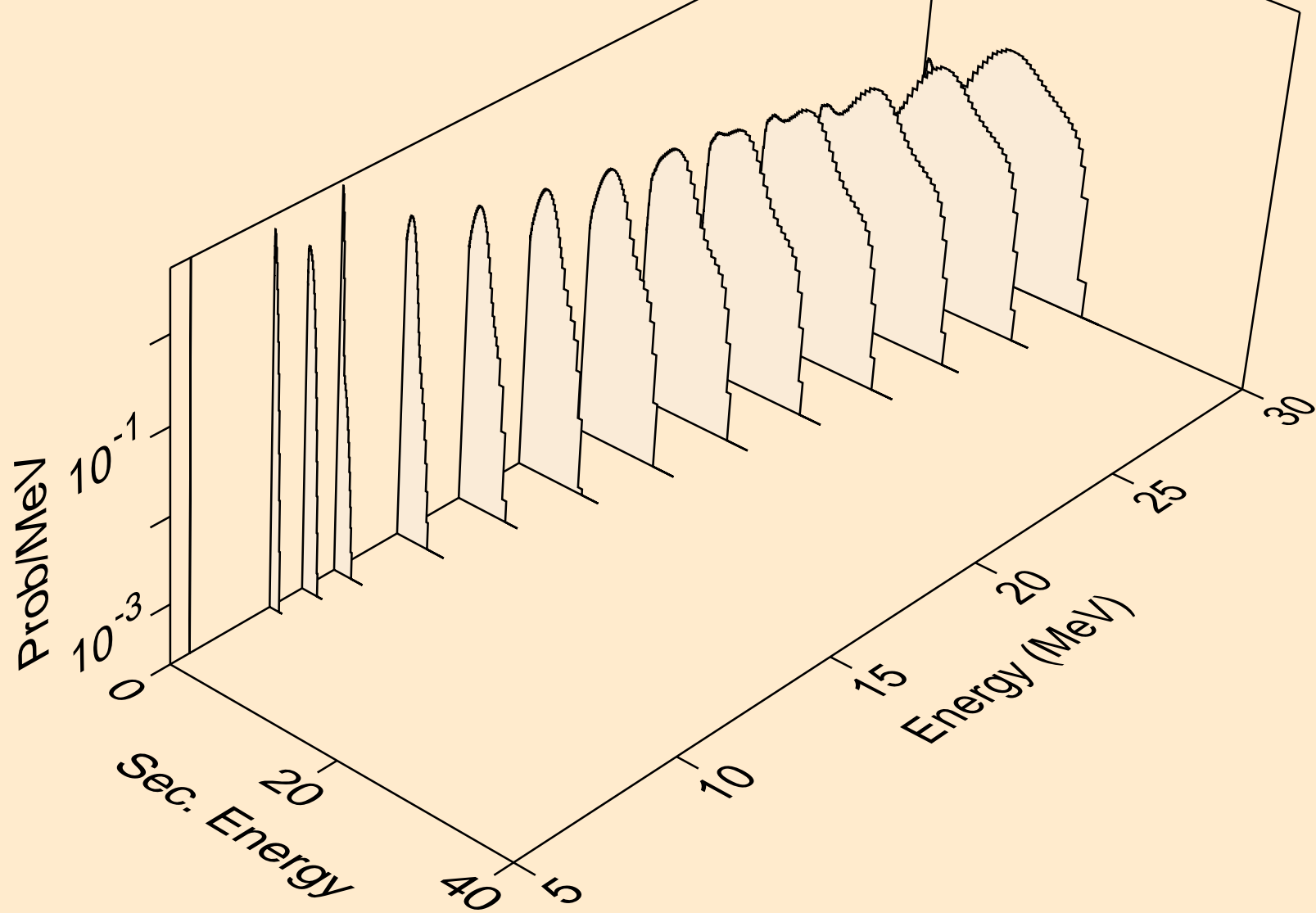


EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a

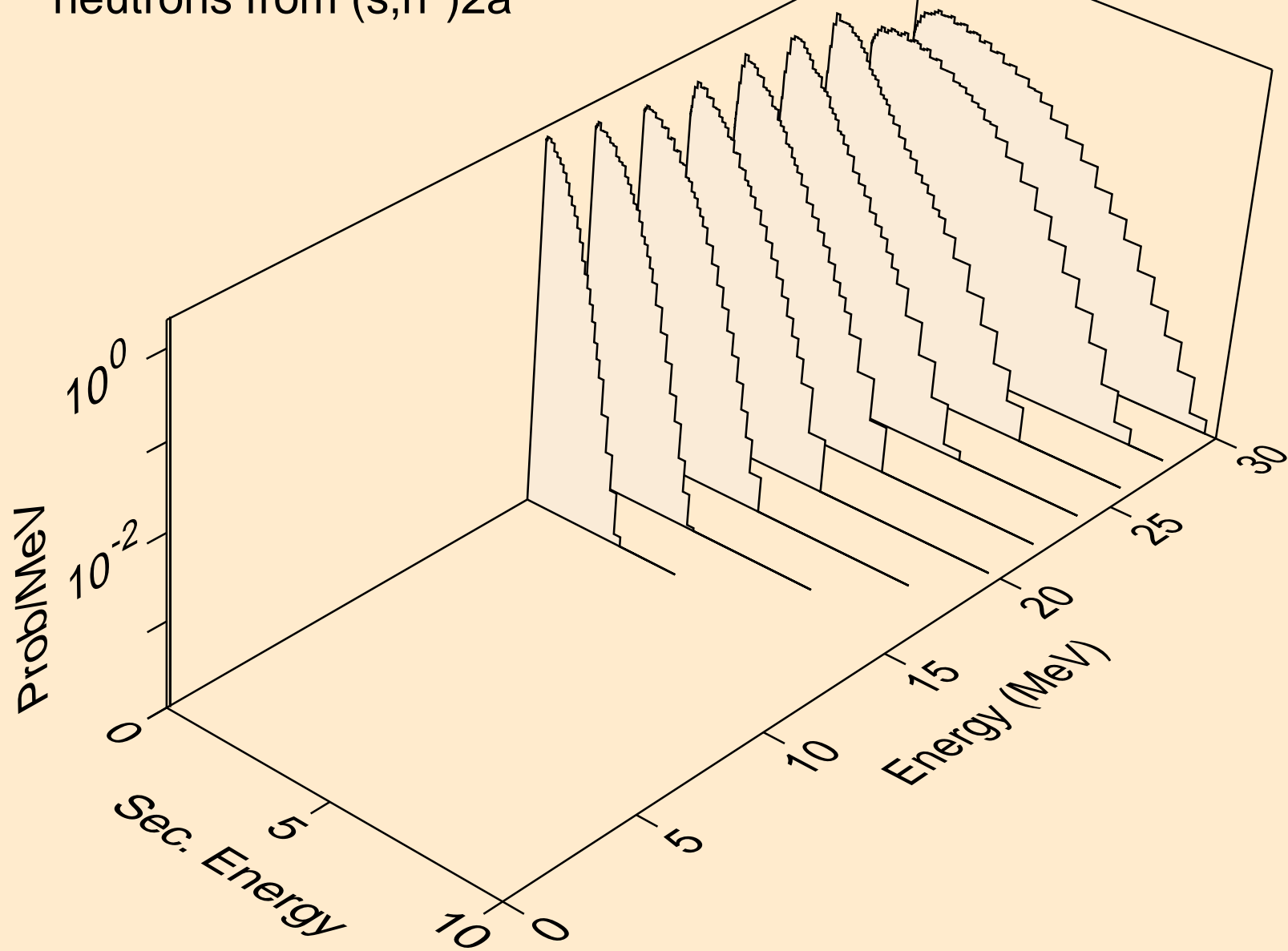




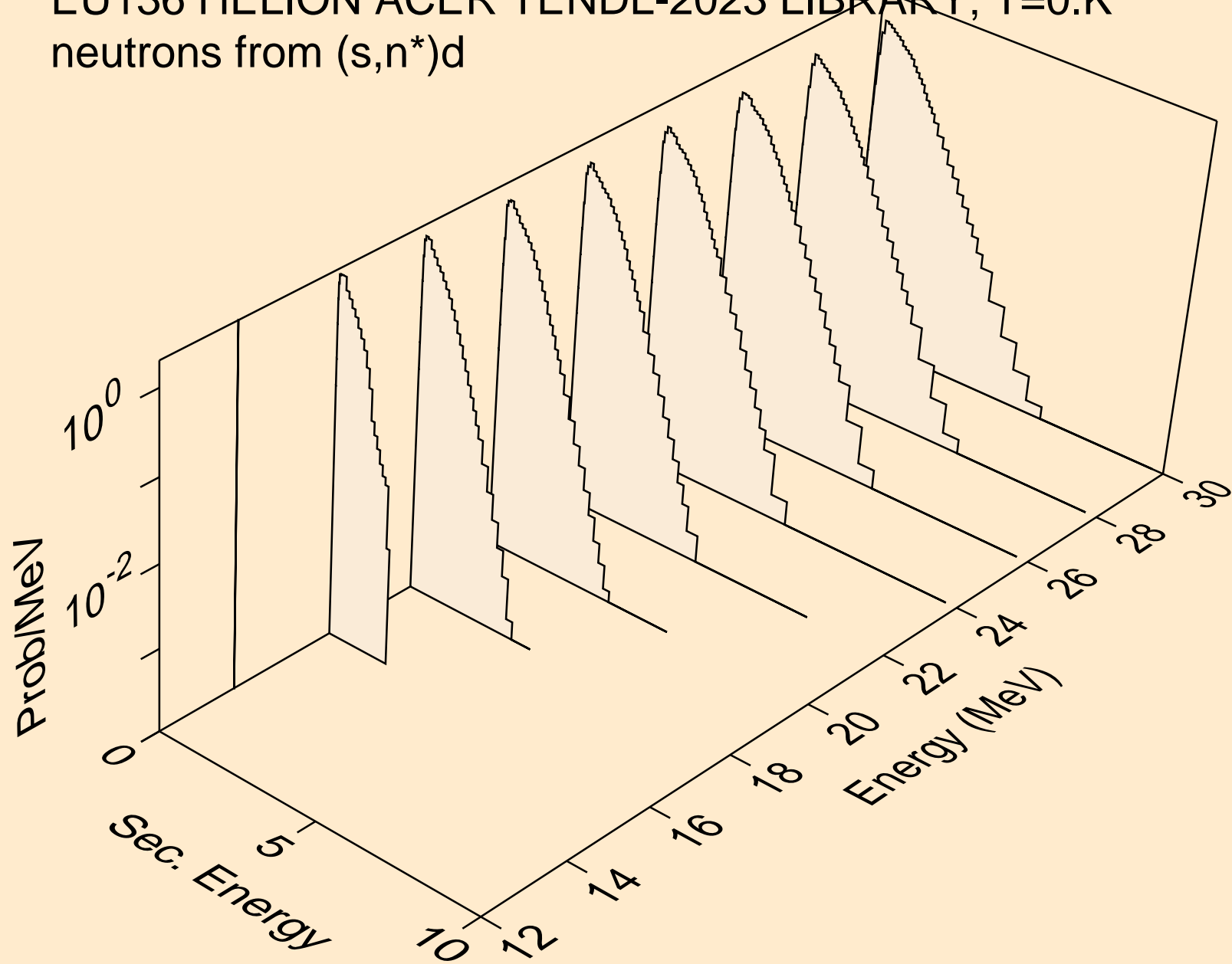
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



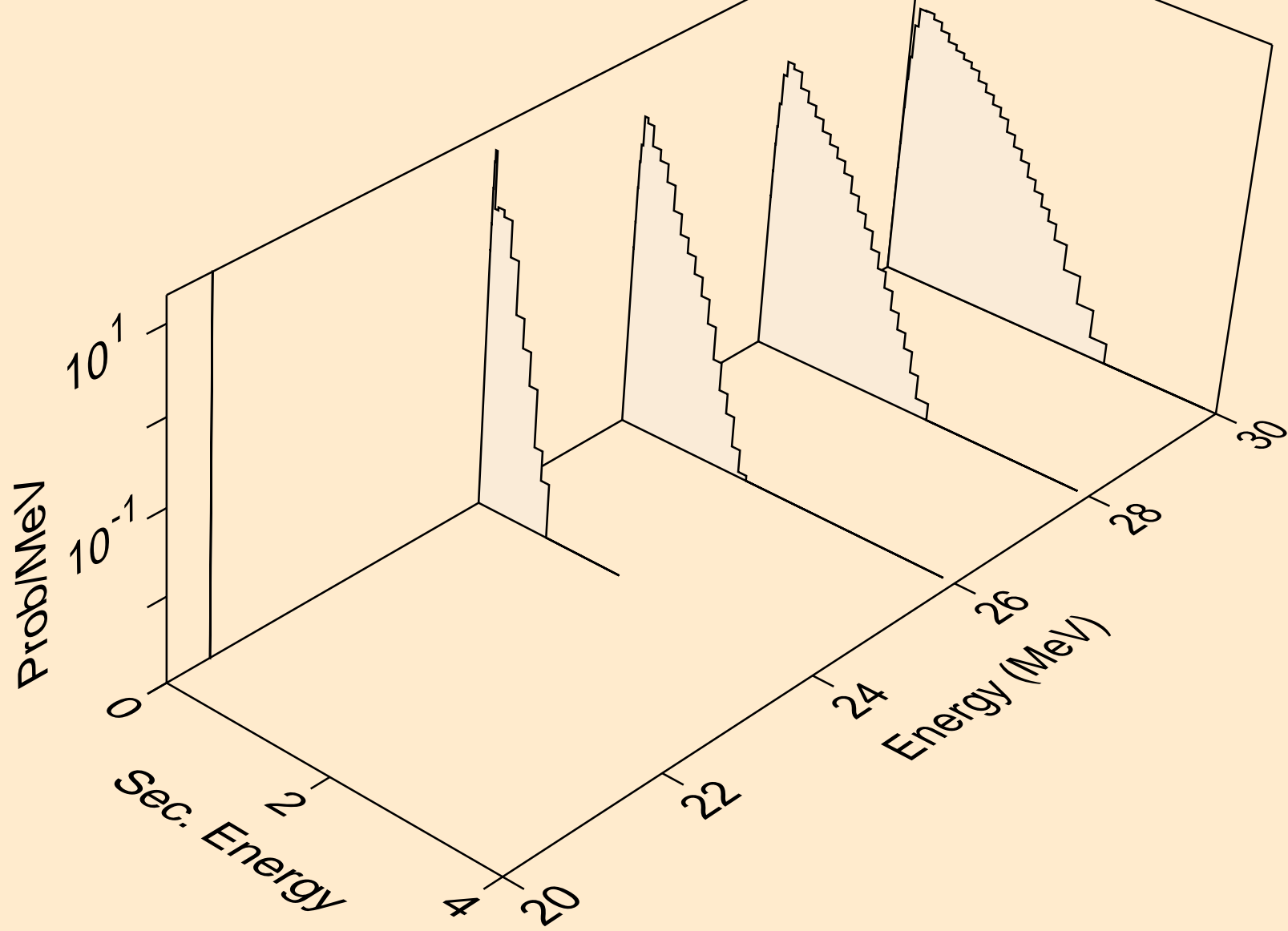
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



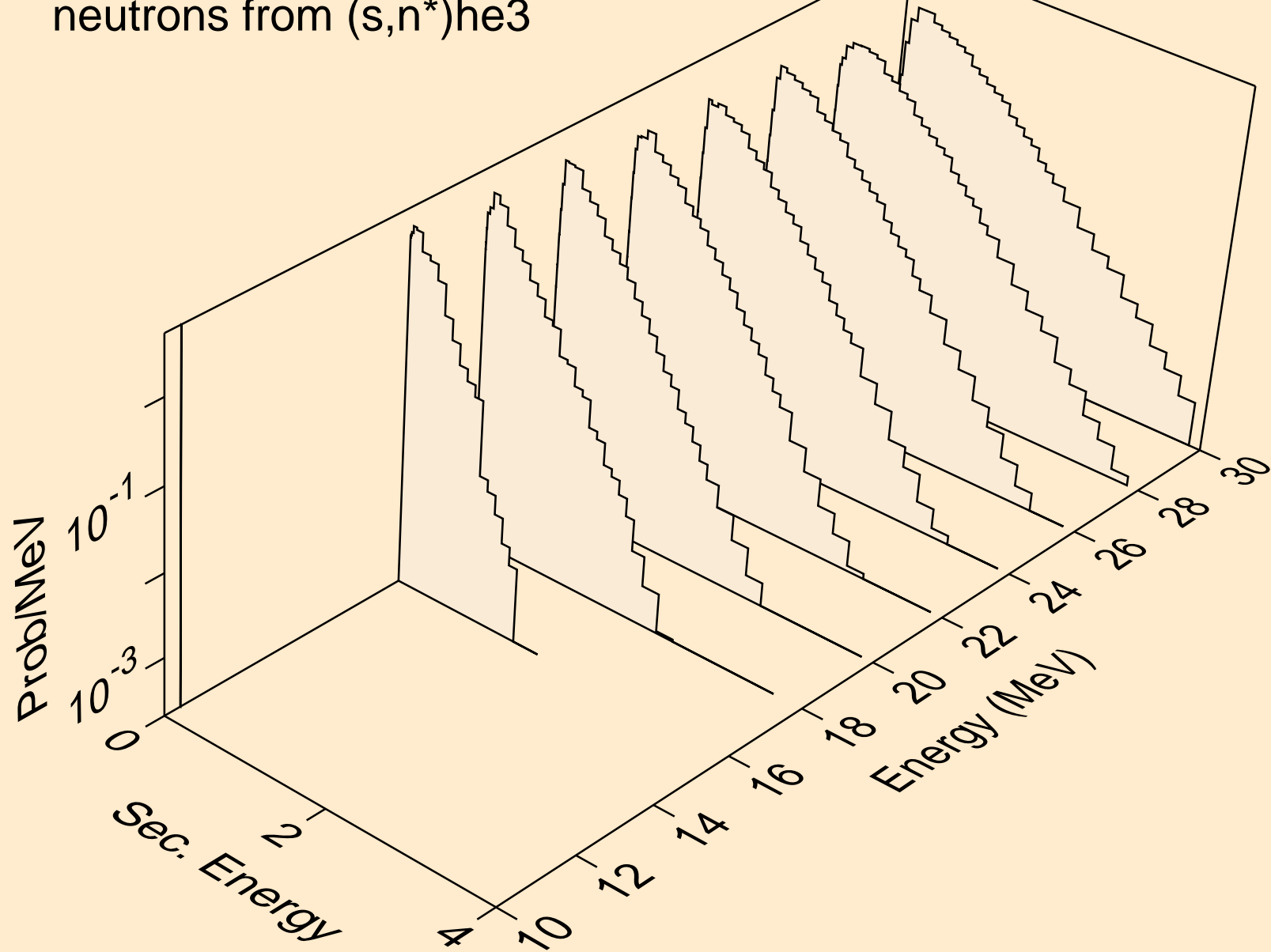
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)d



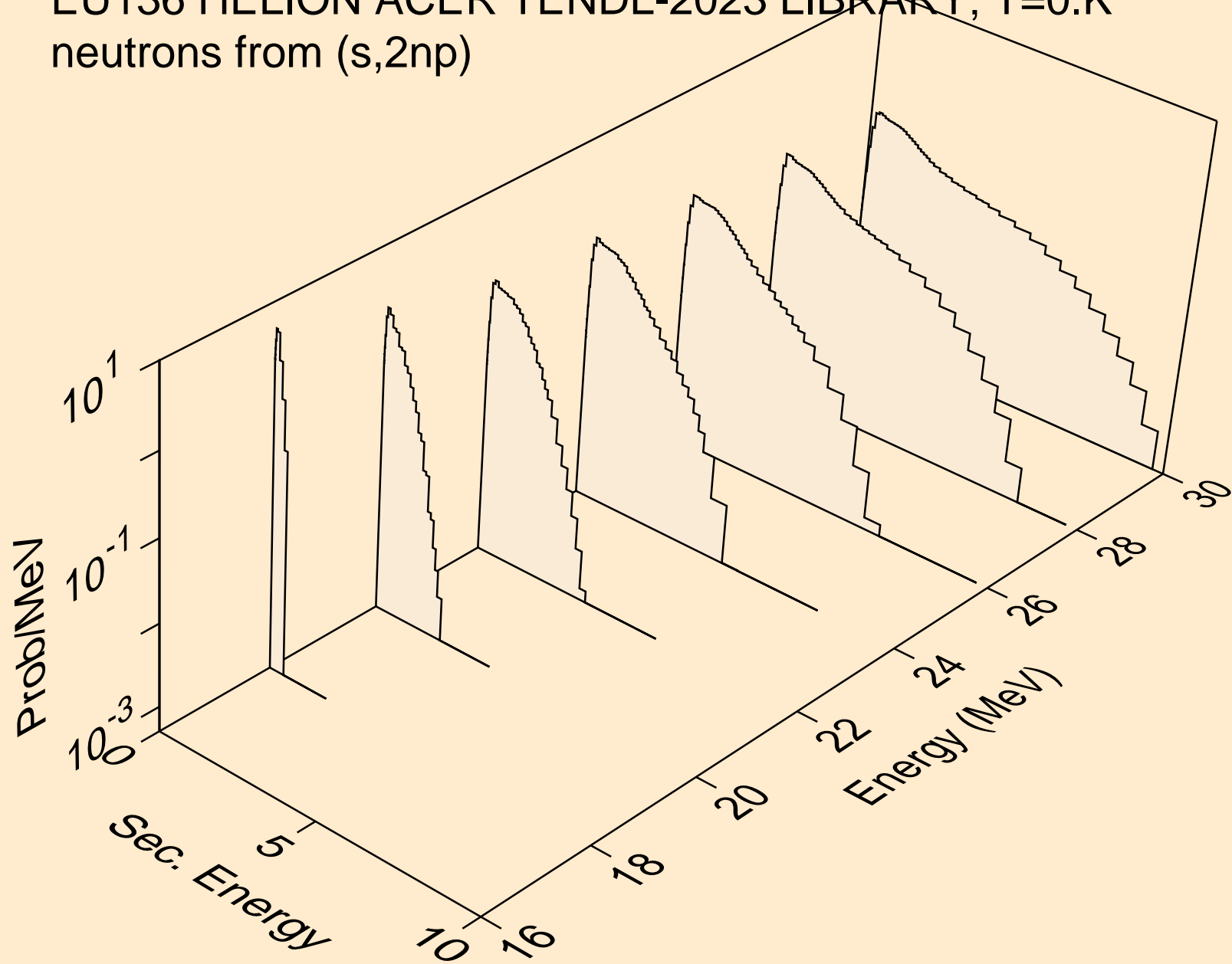
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)t



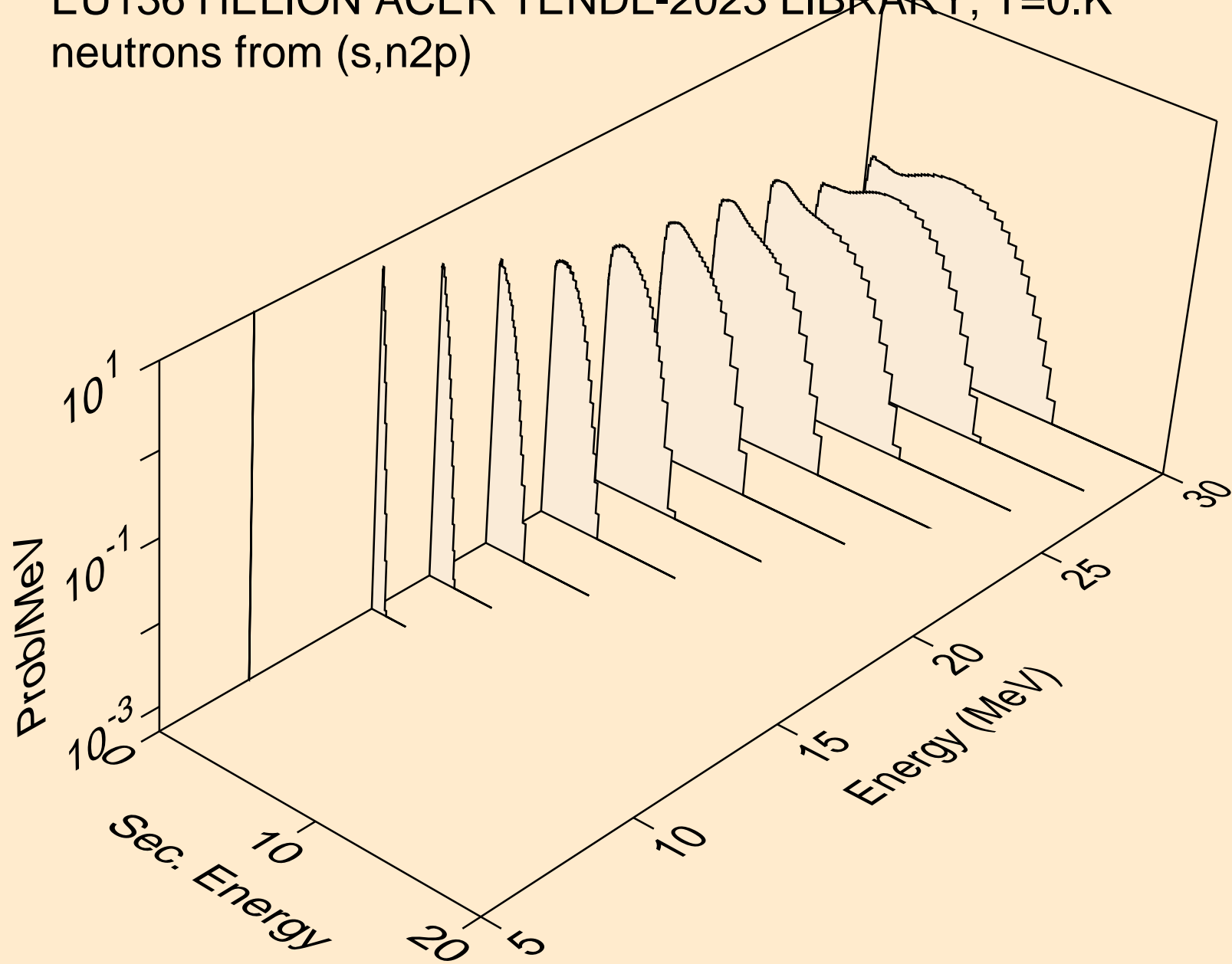
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



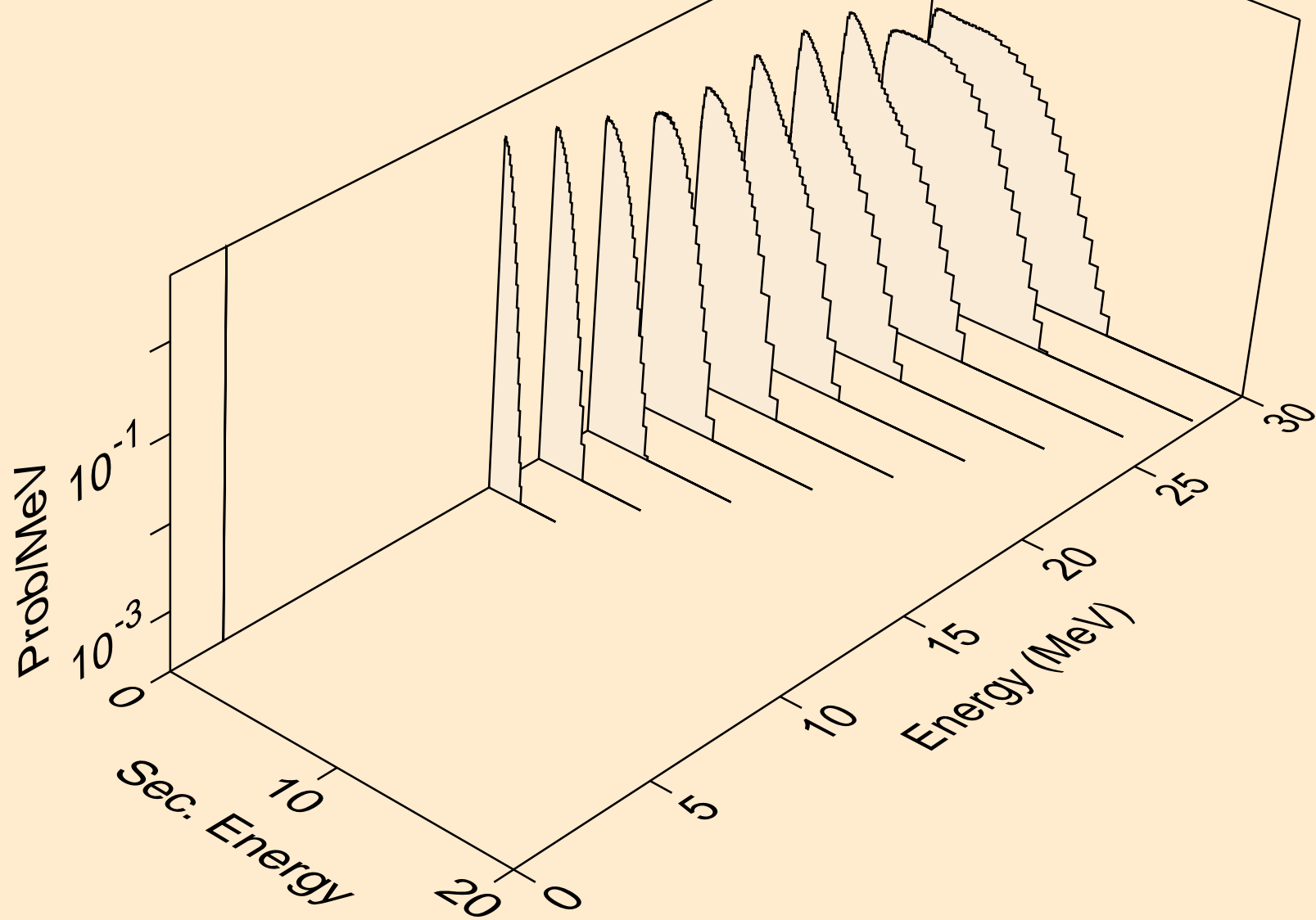
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)



EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n2p)

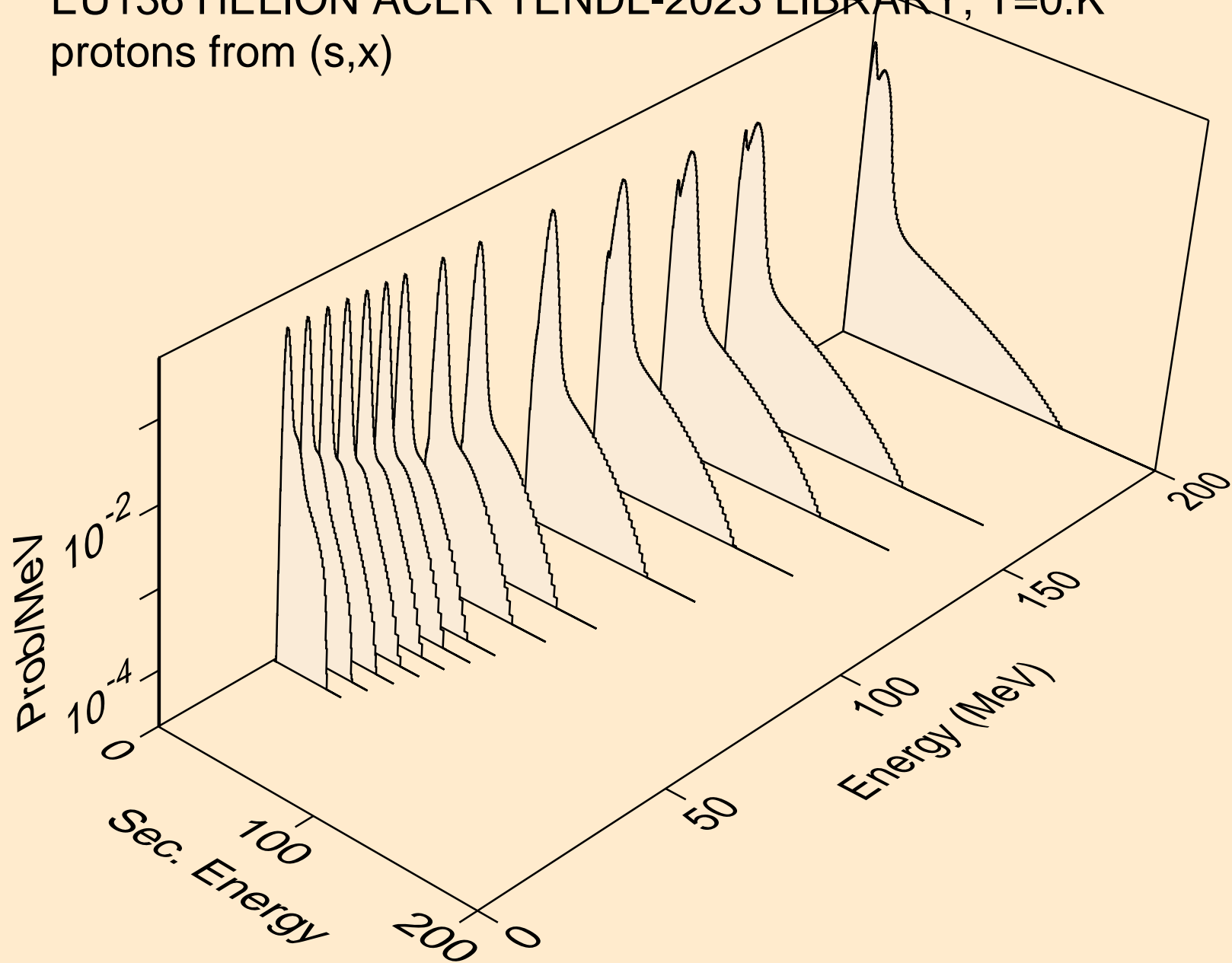


EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,npa)

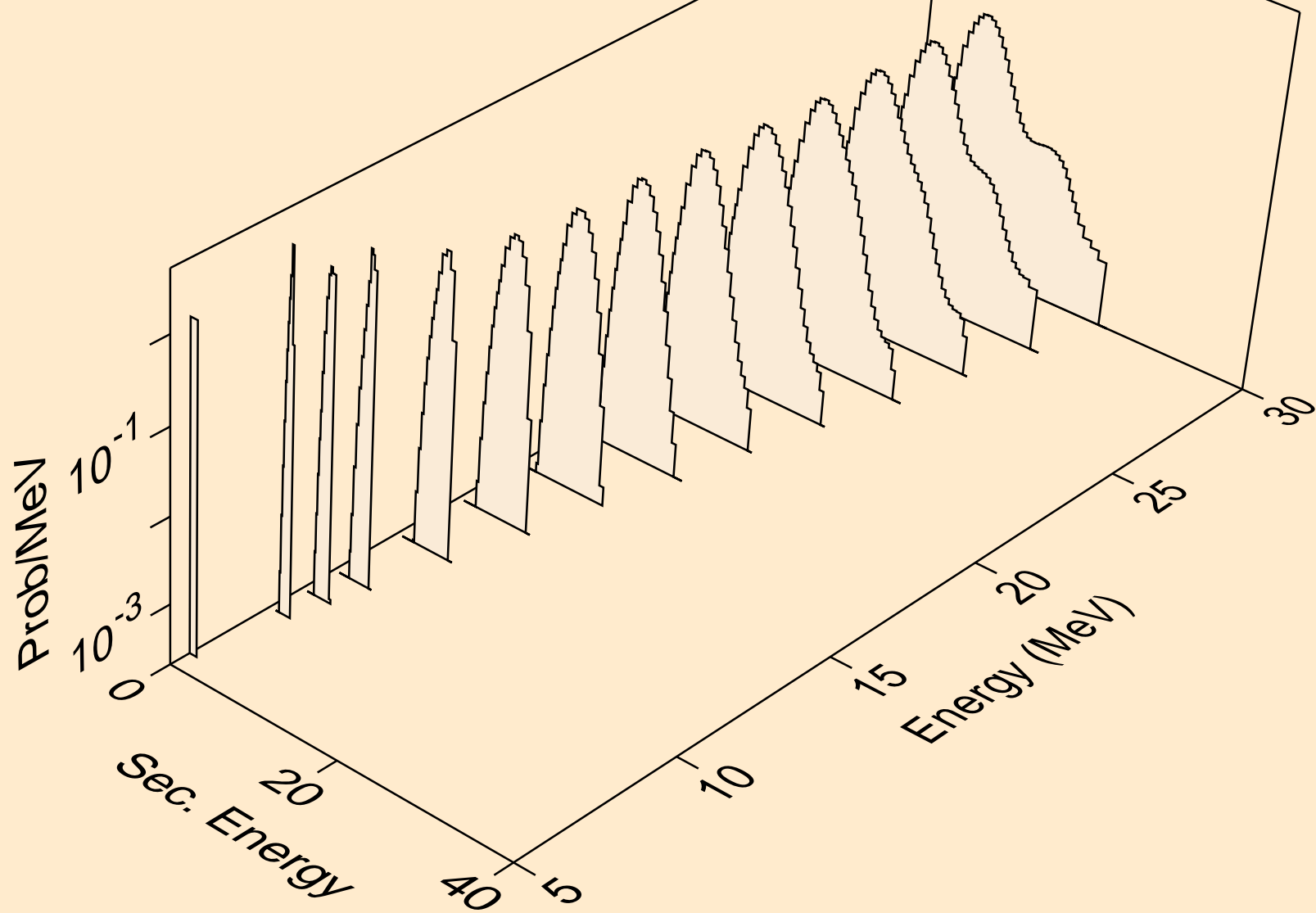




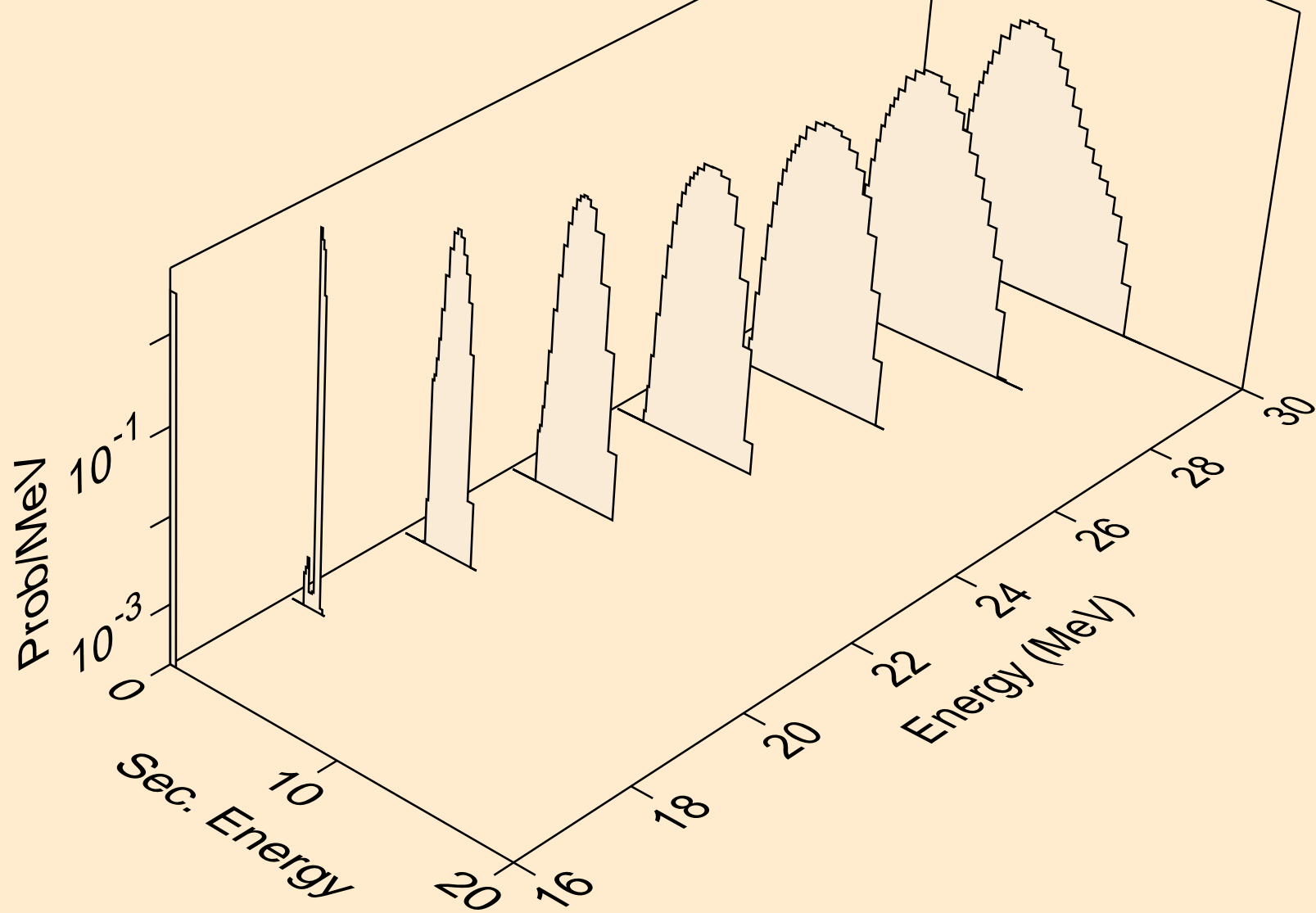
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



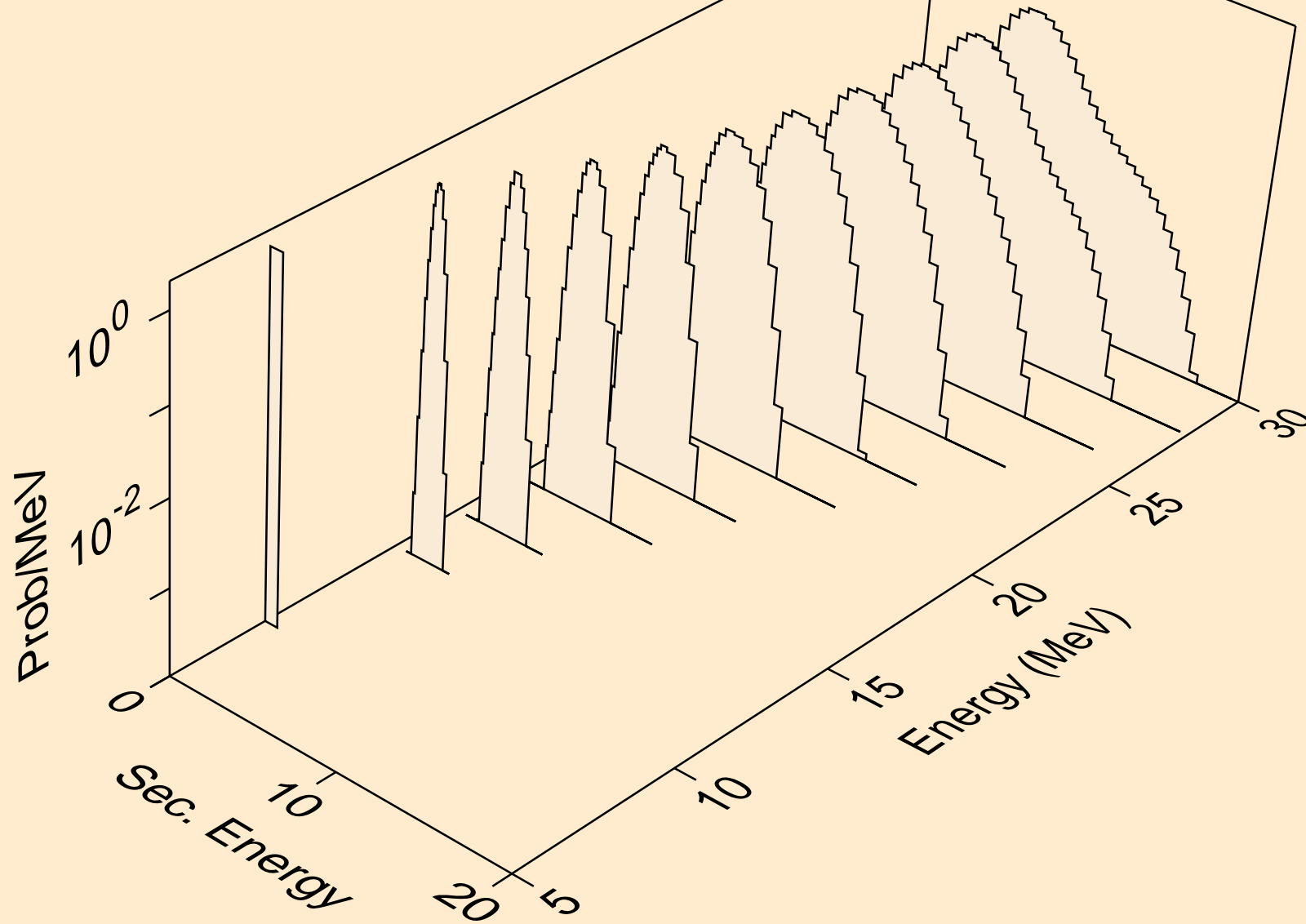
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



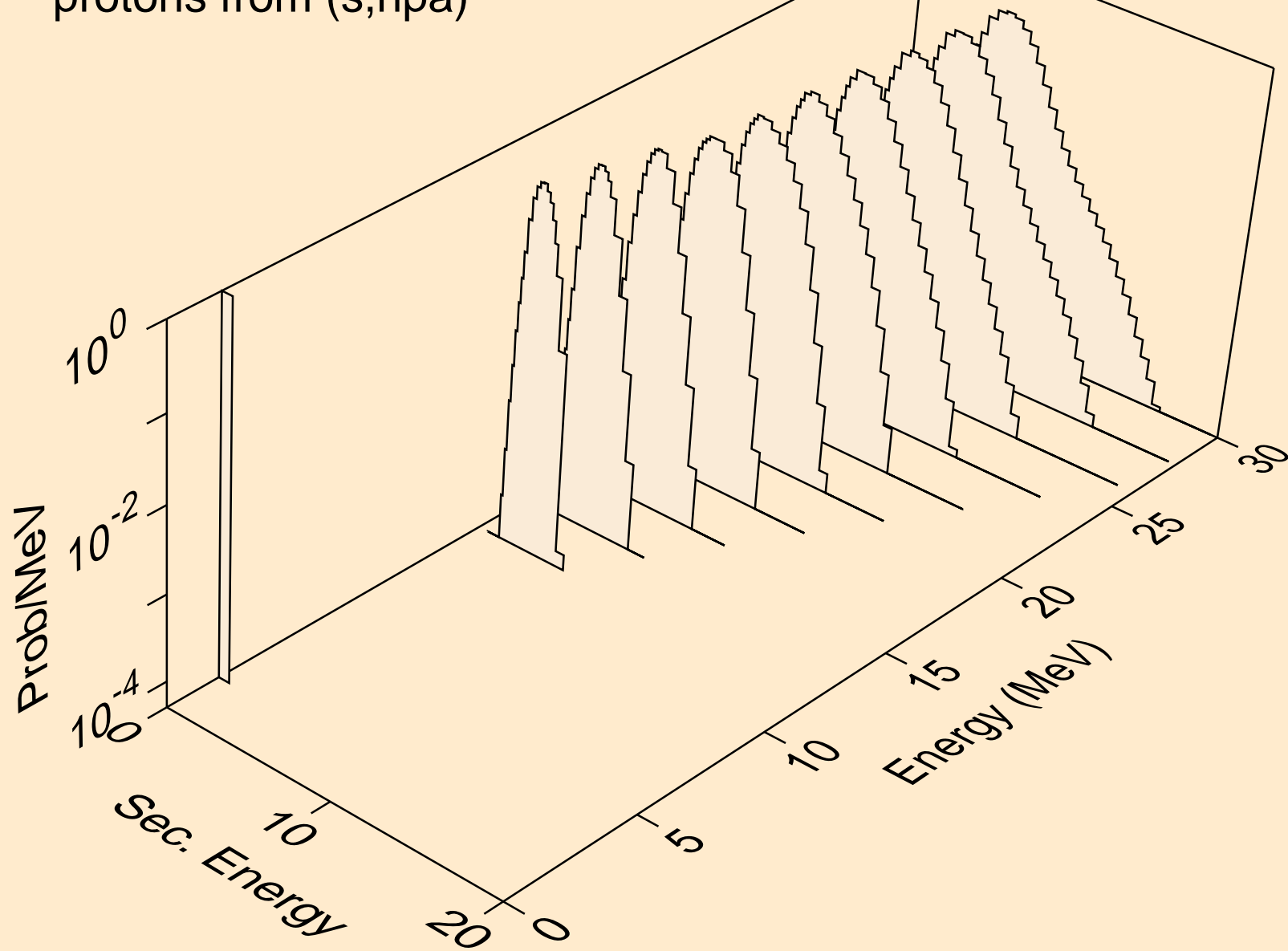
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protons from (s,2np)



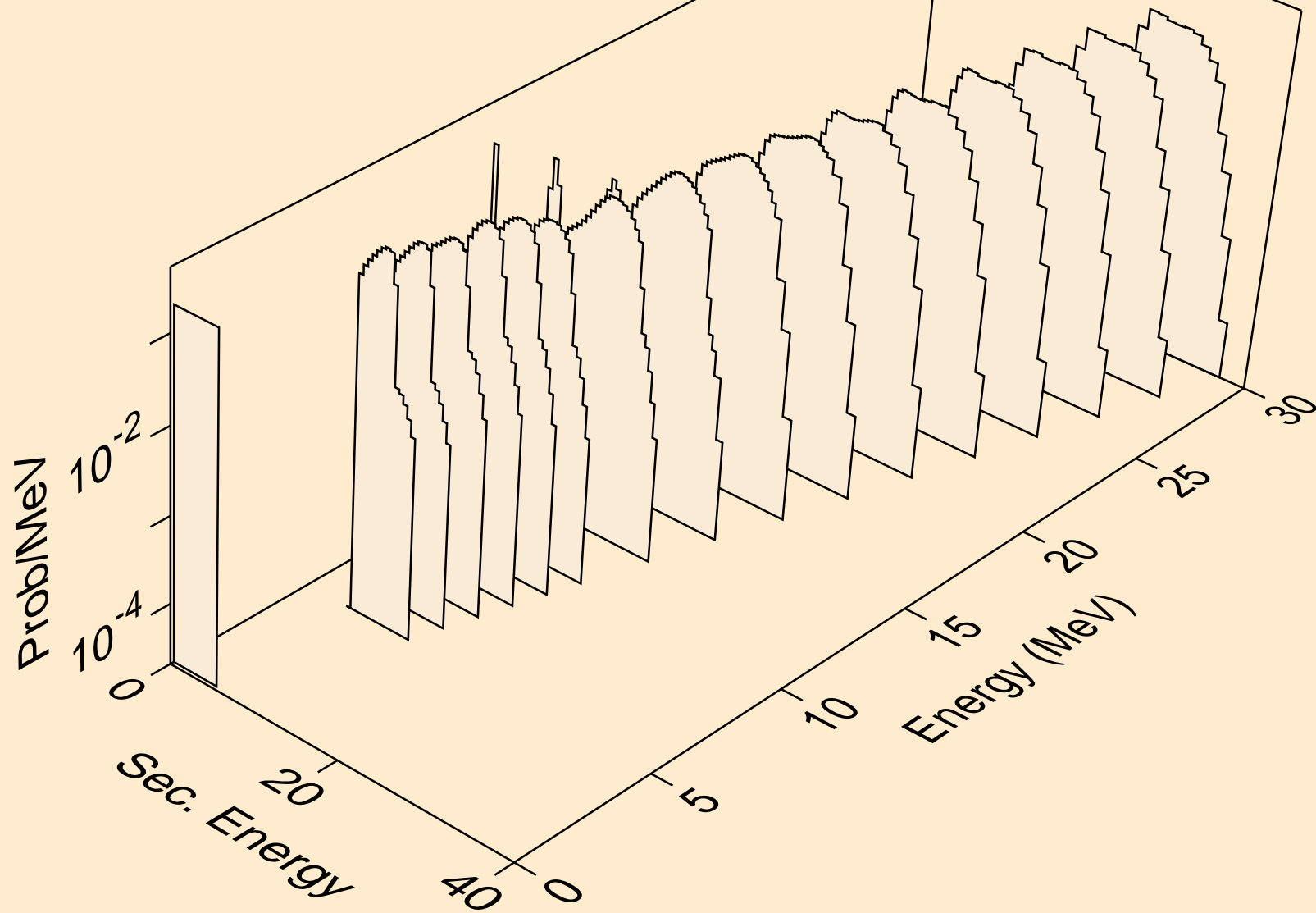
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protons from (s,n2p)



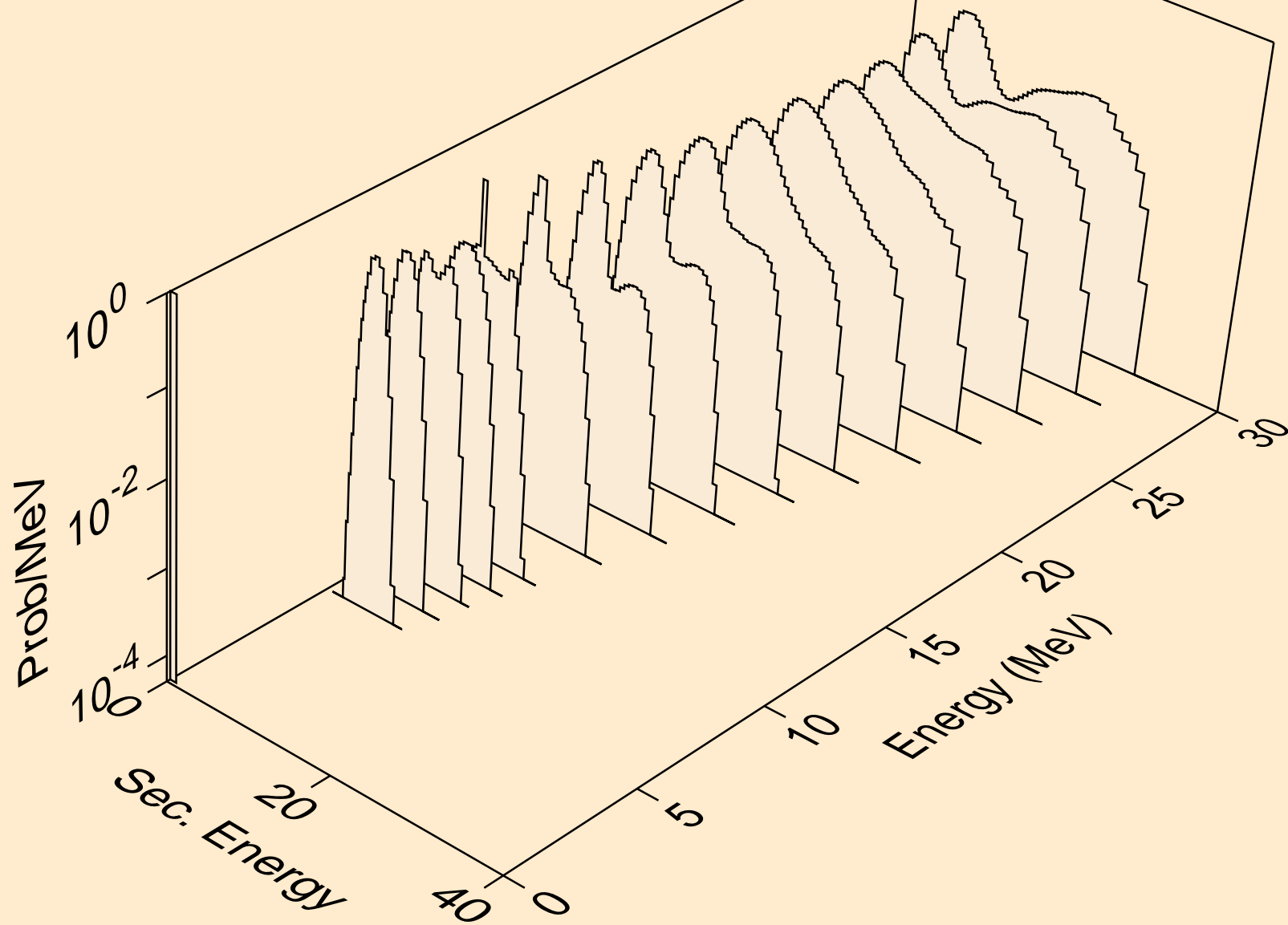
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protons from (s,npa)



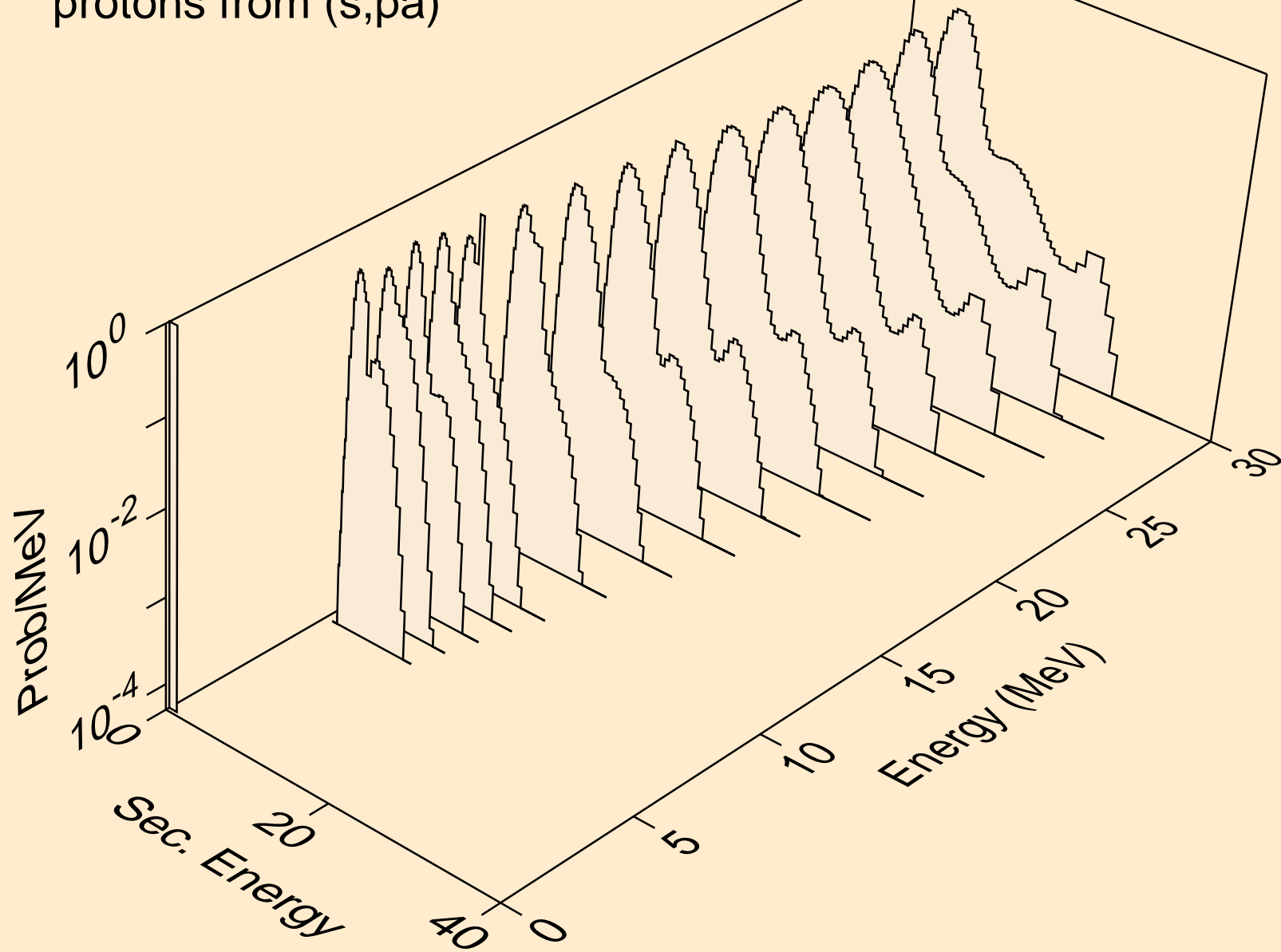
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,p)



EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,2p)

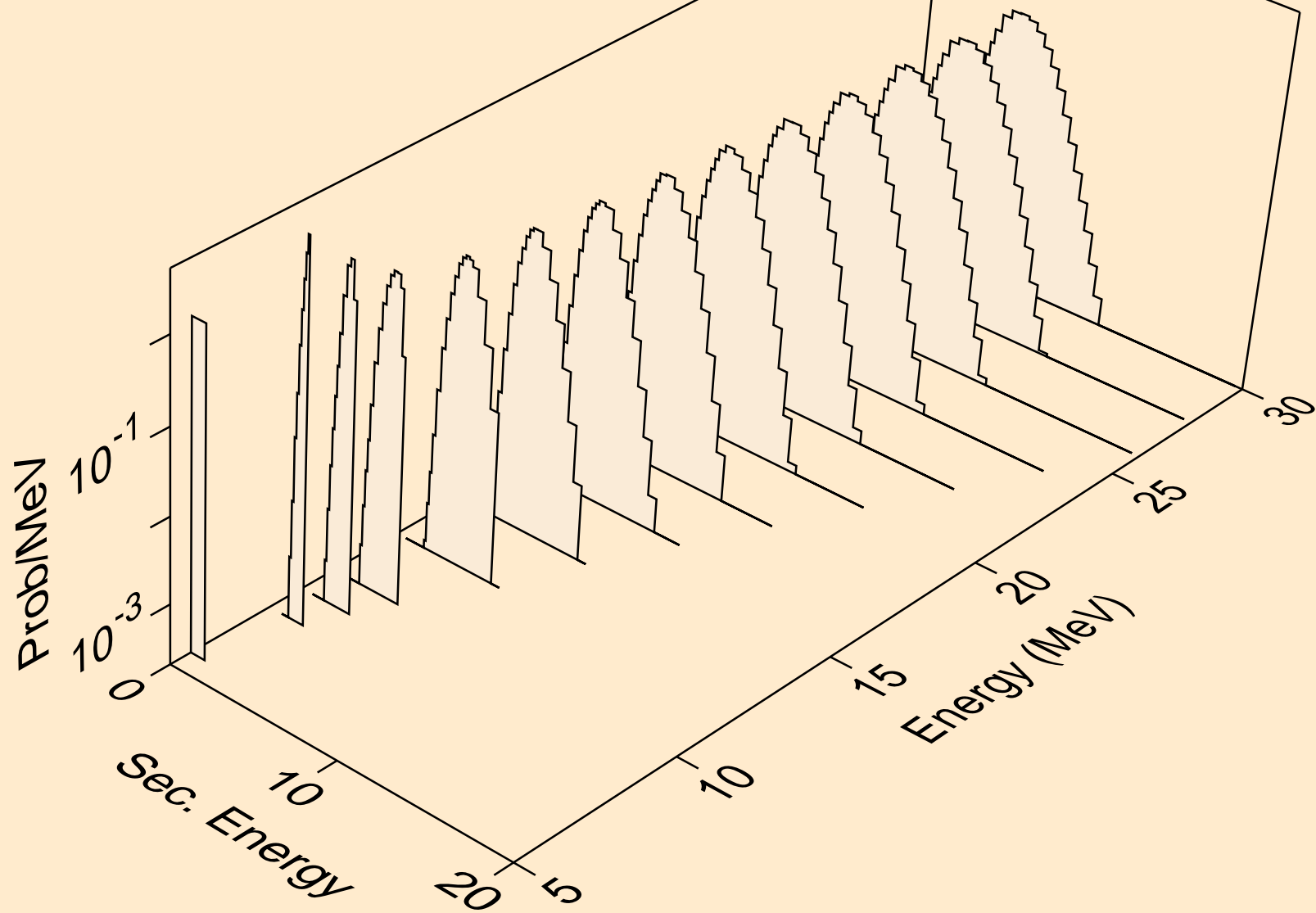


EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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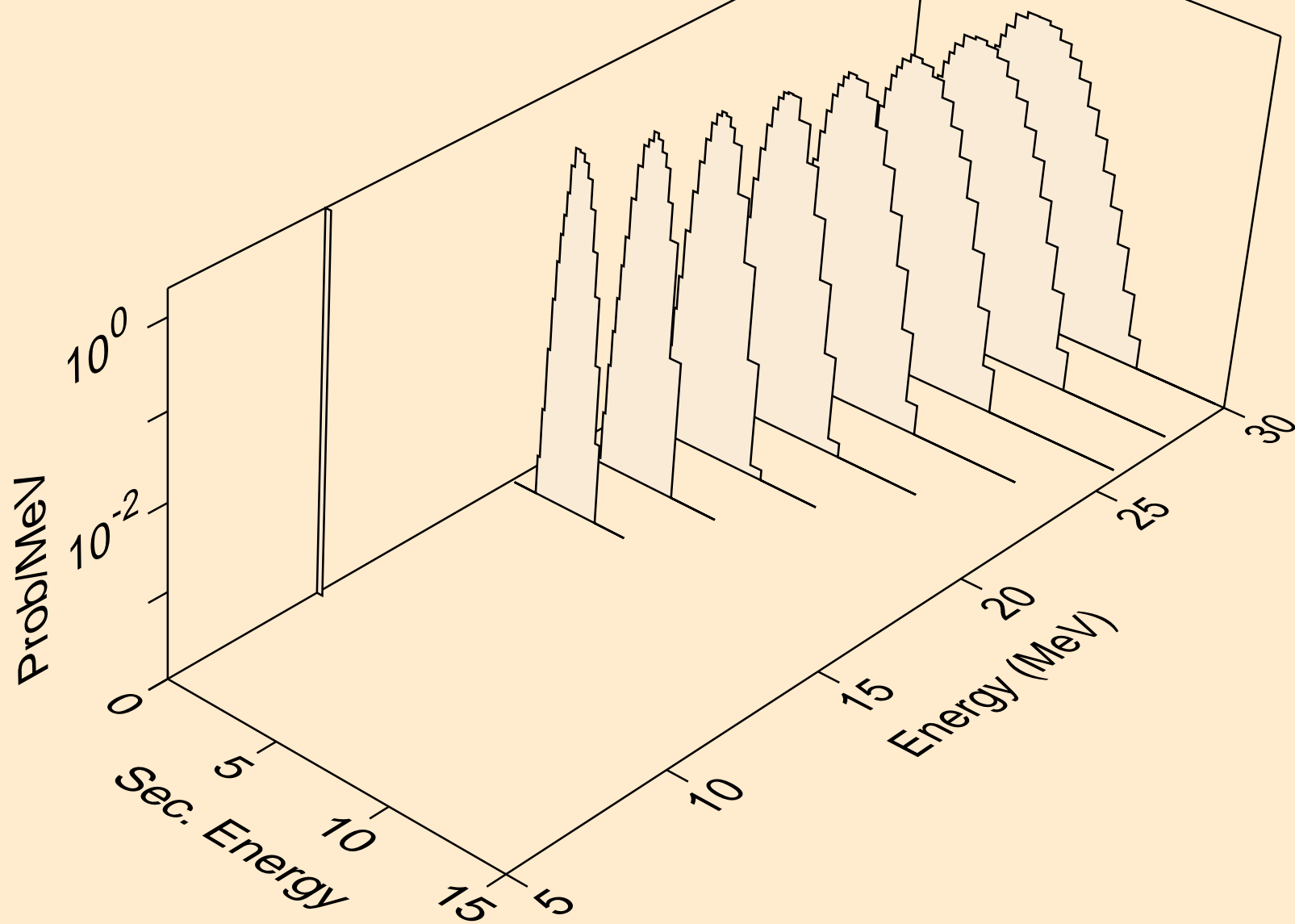




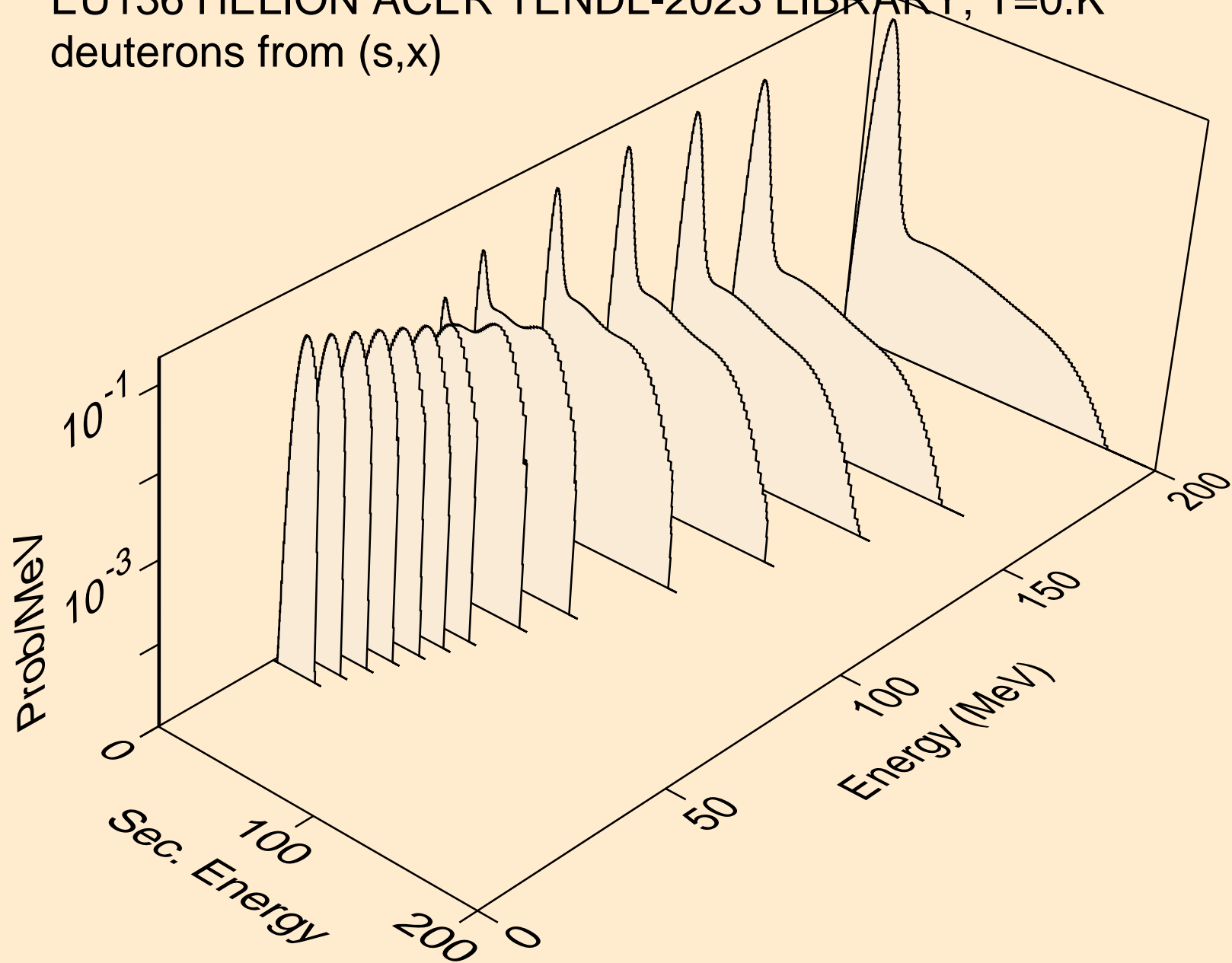
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protons from (s,pd)



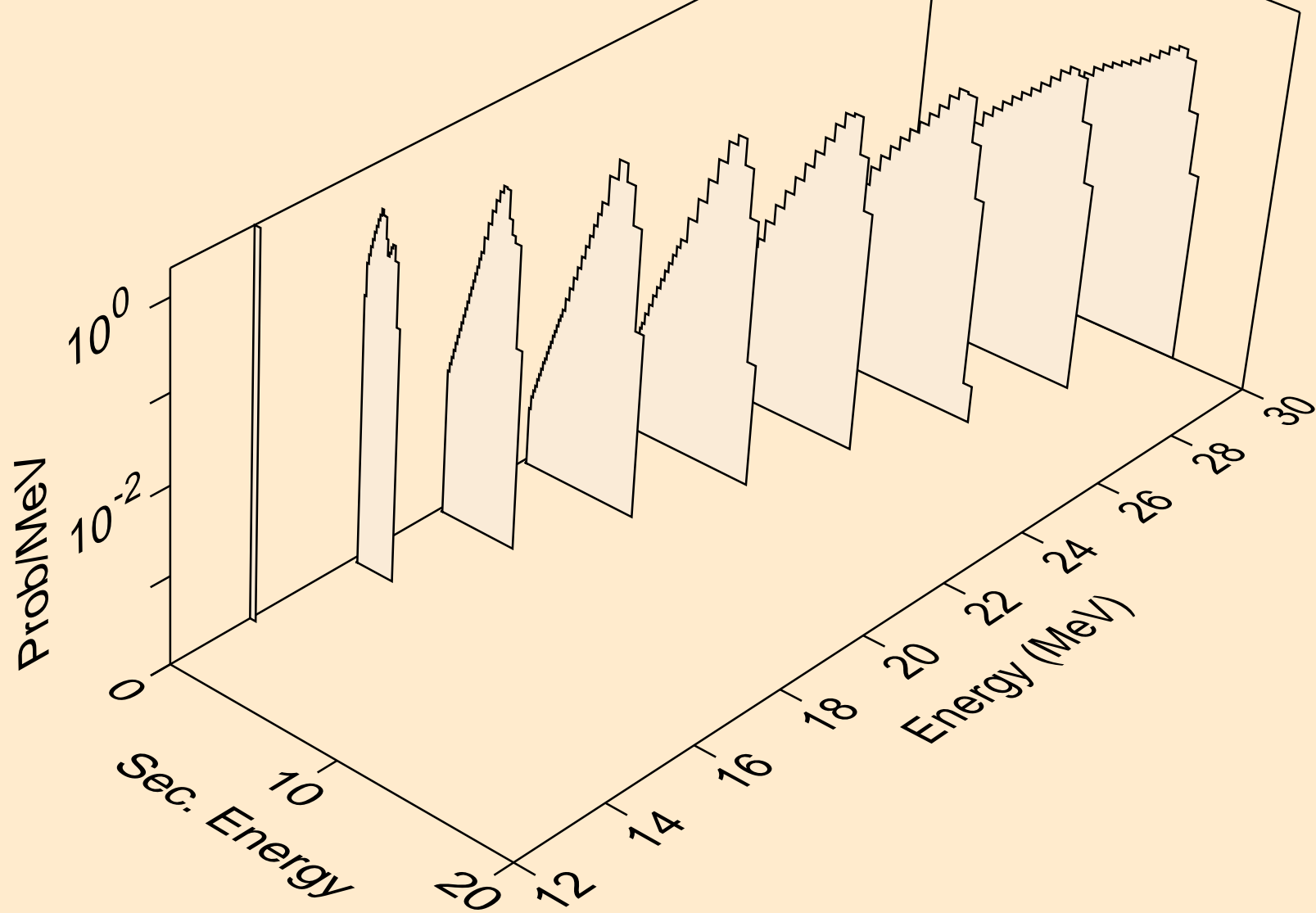
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,pt)



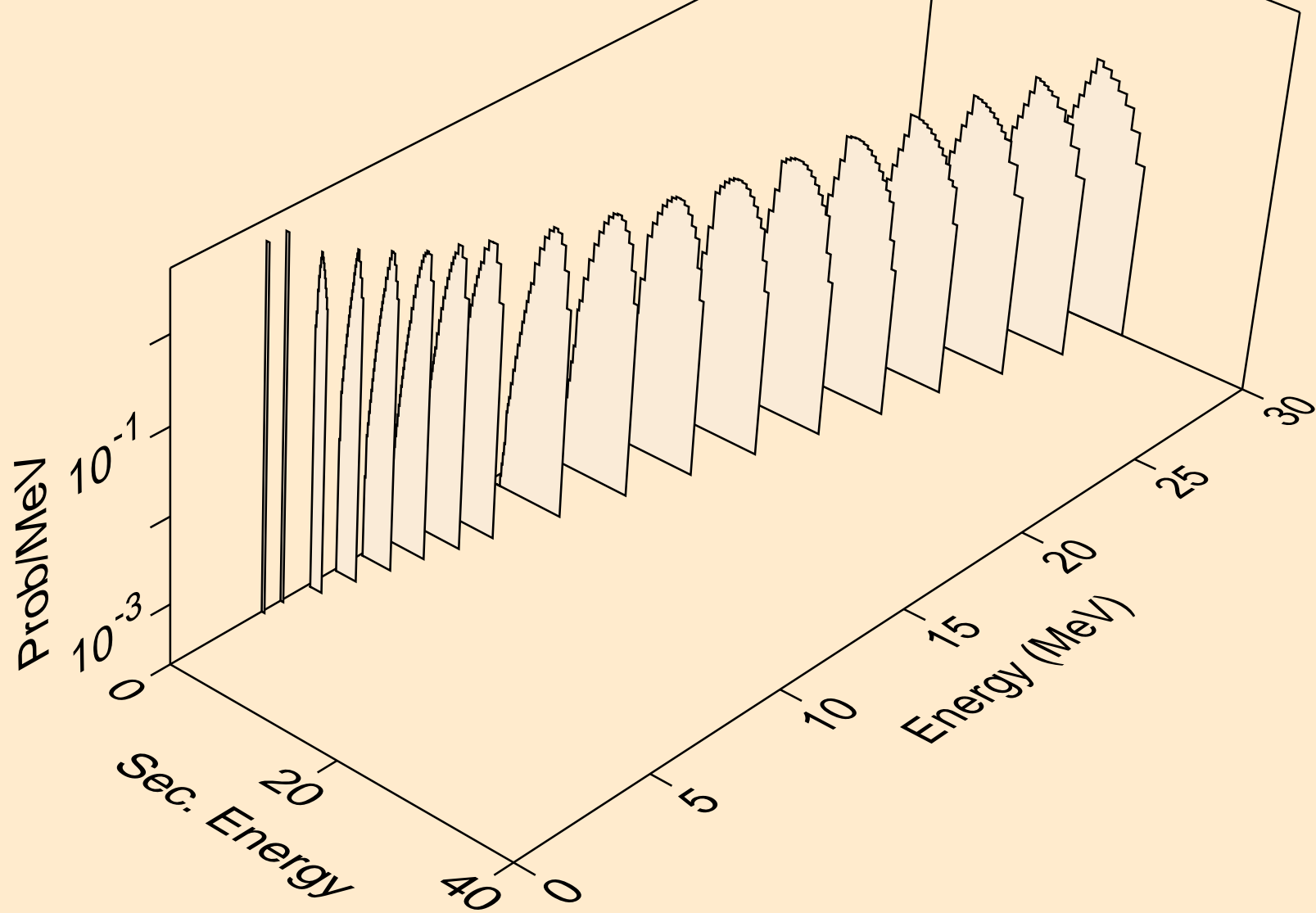
EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



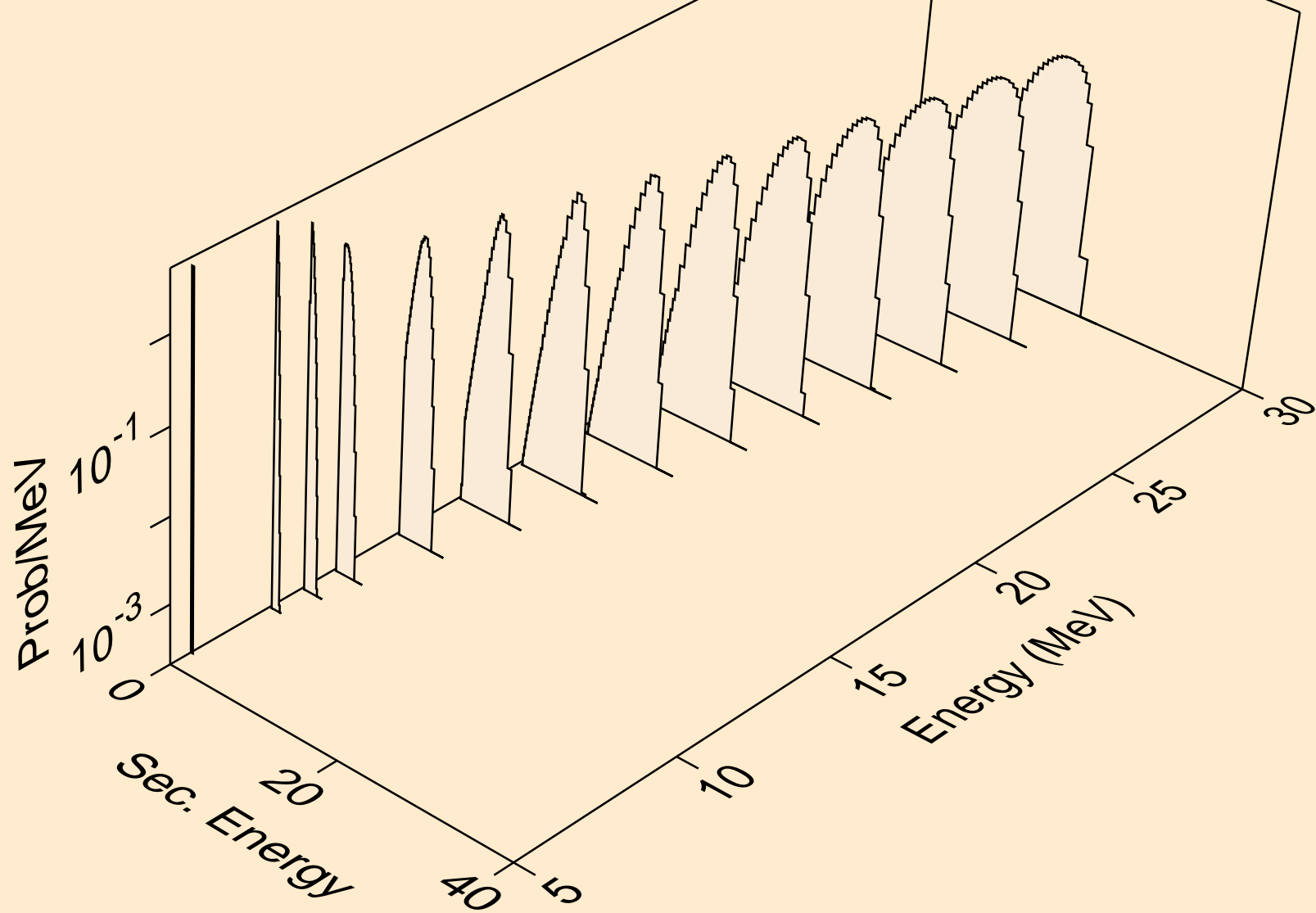
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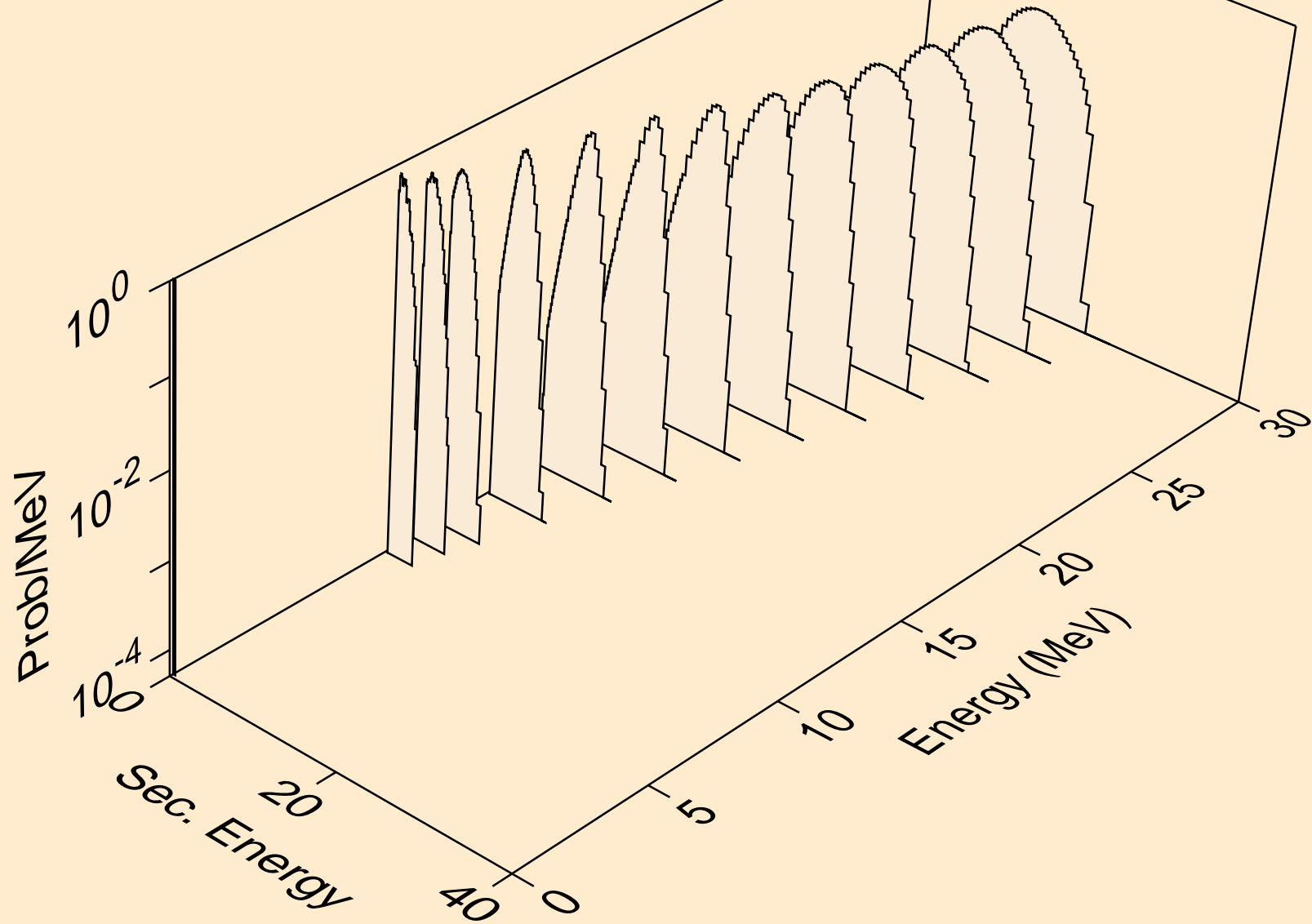
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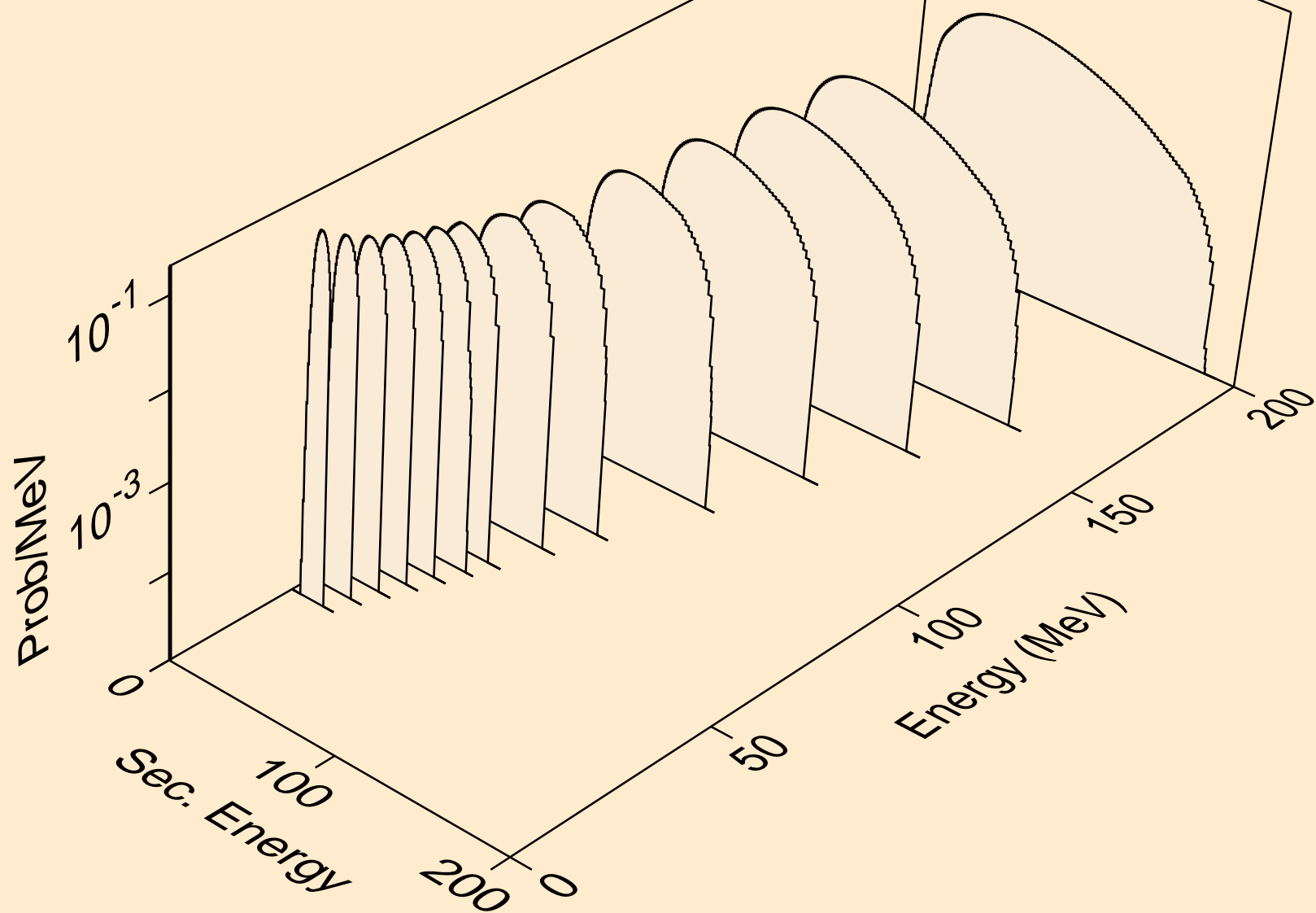
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EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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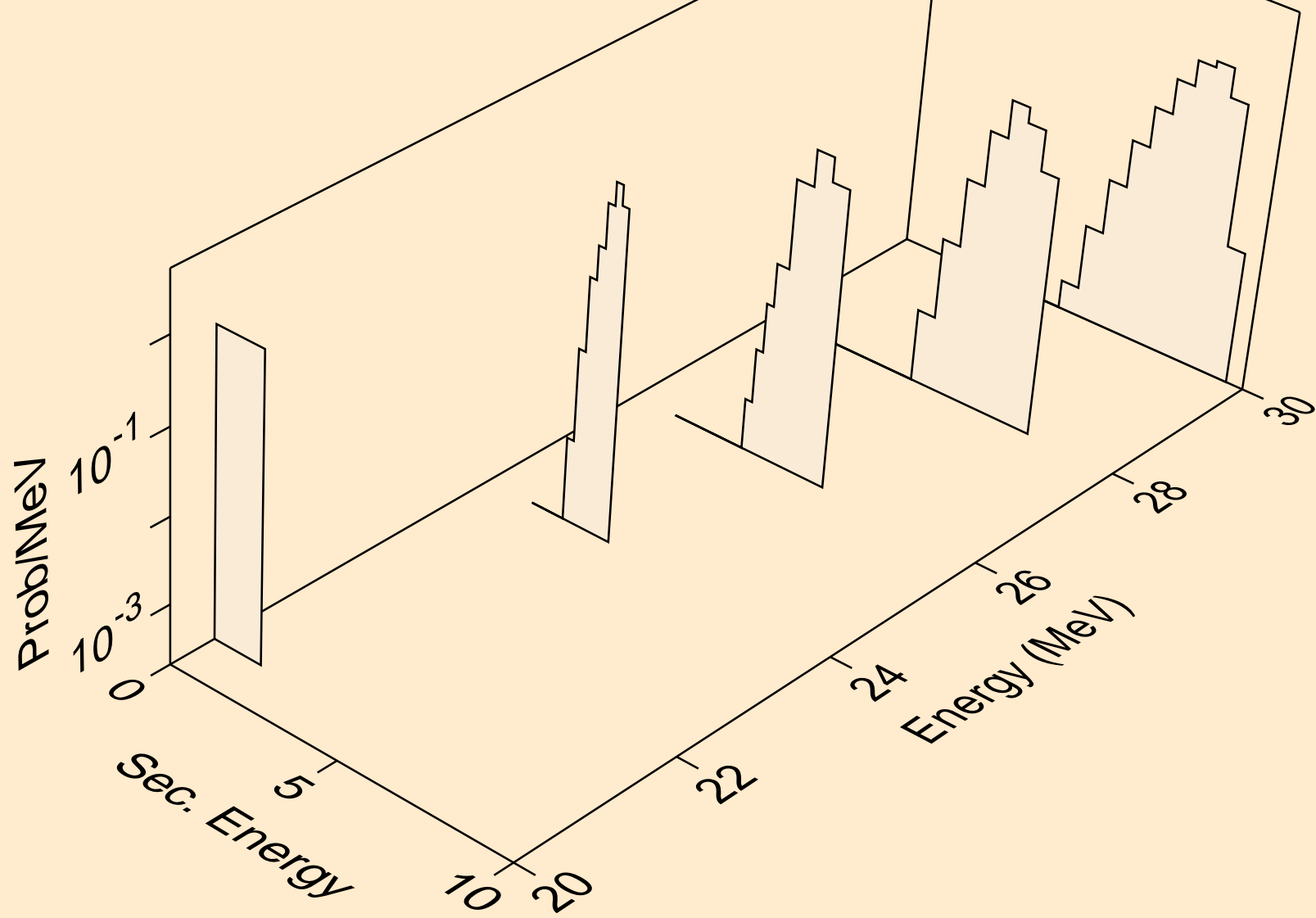


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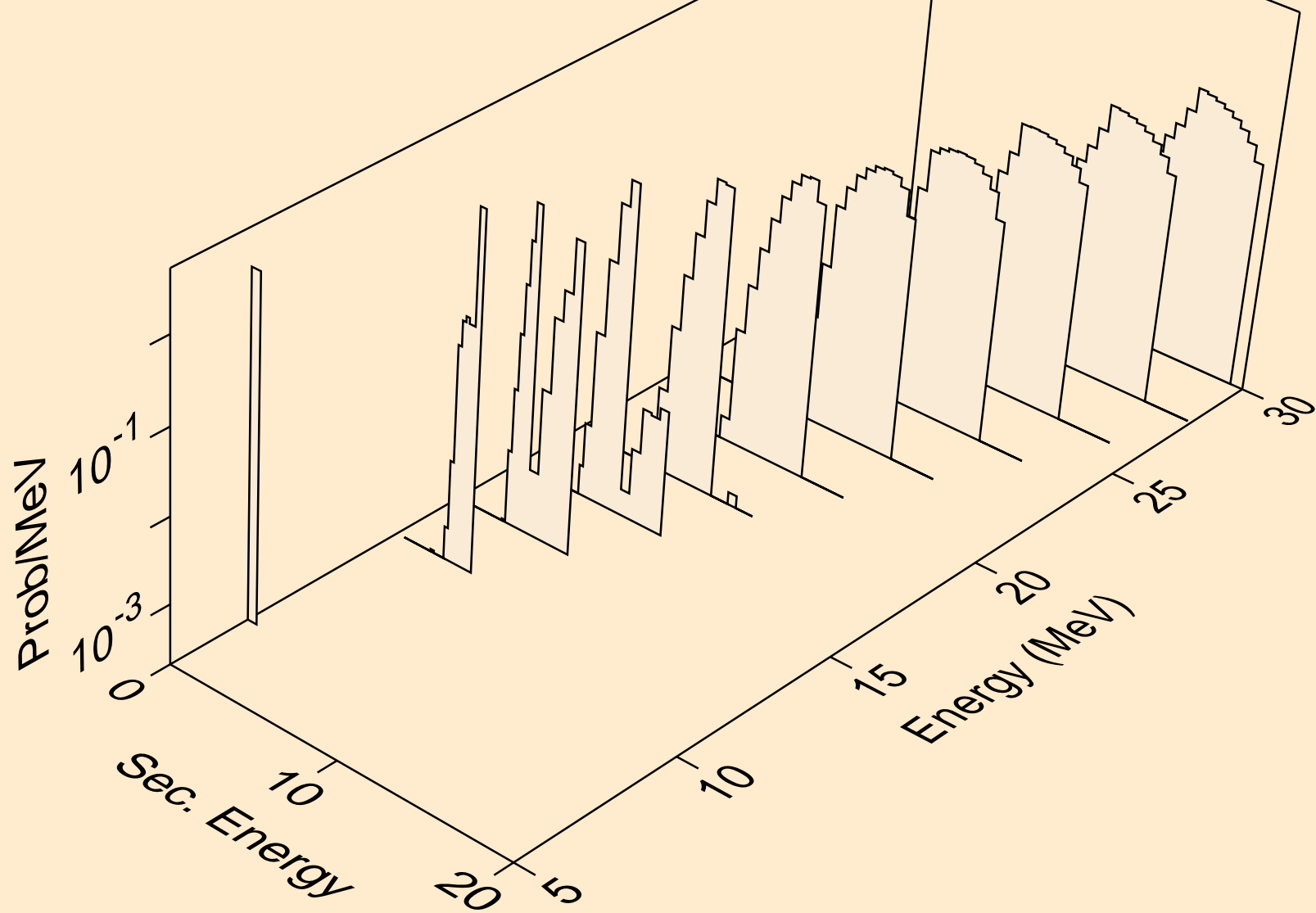




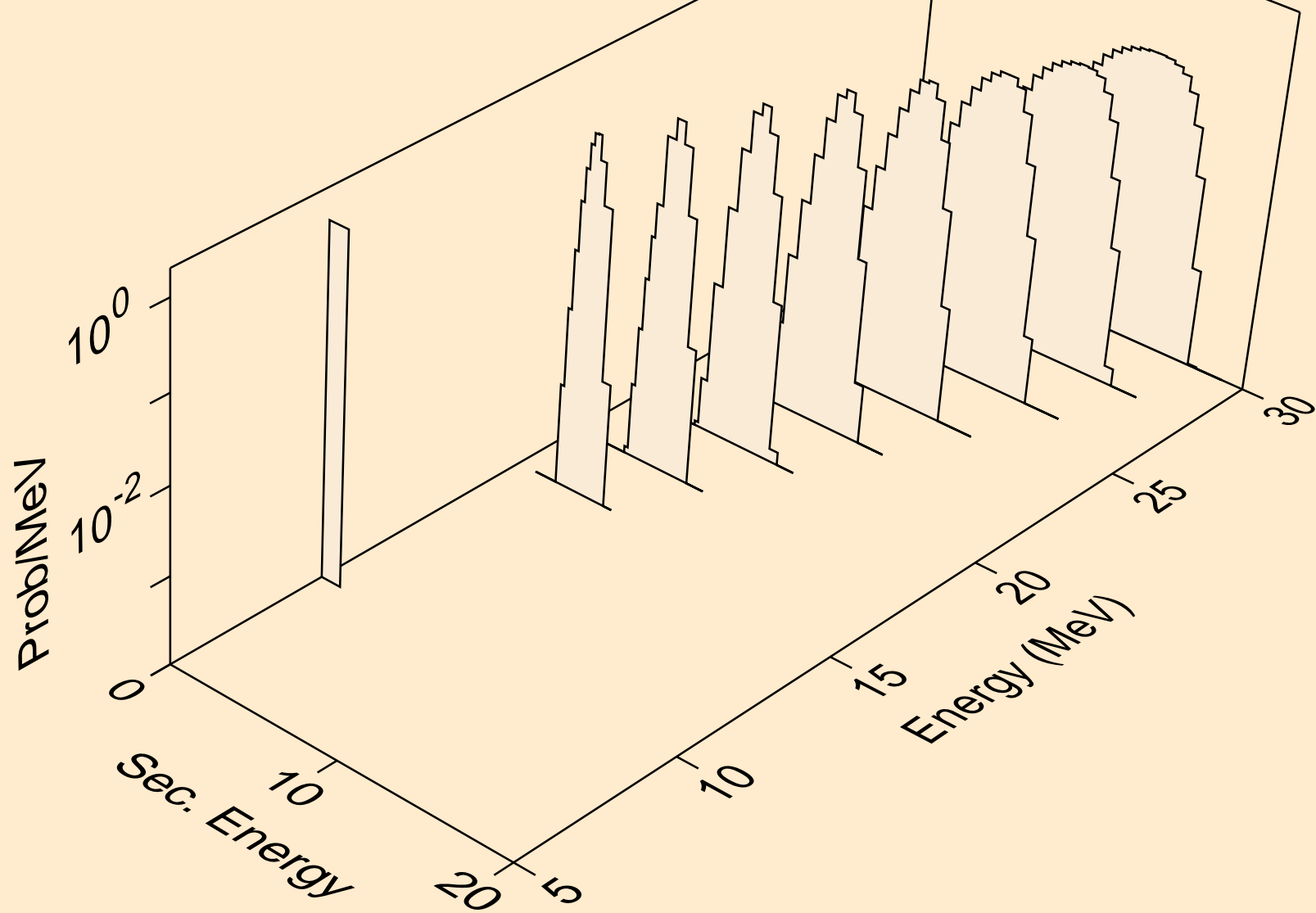
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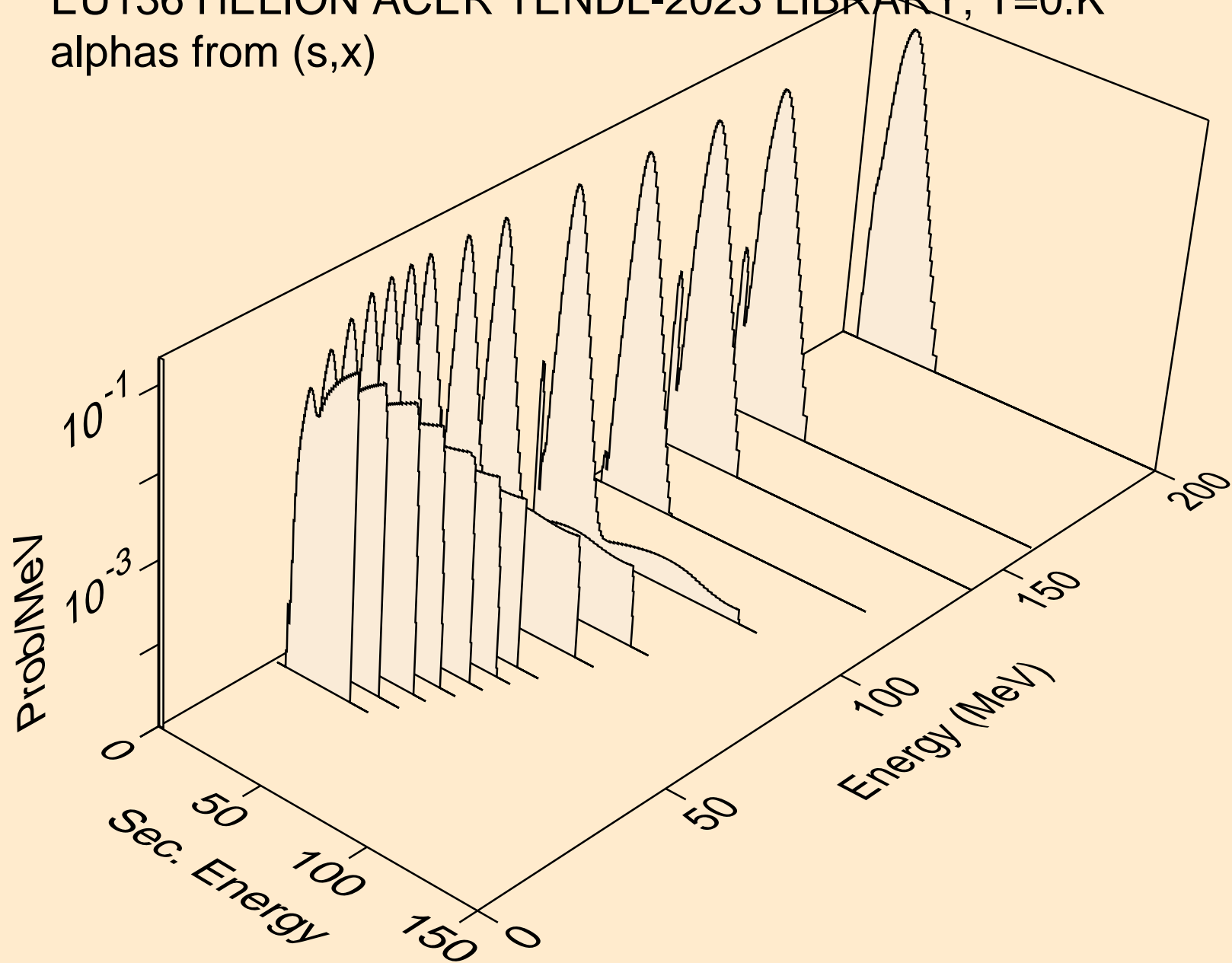
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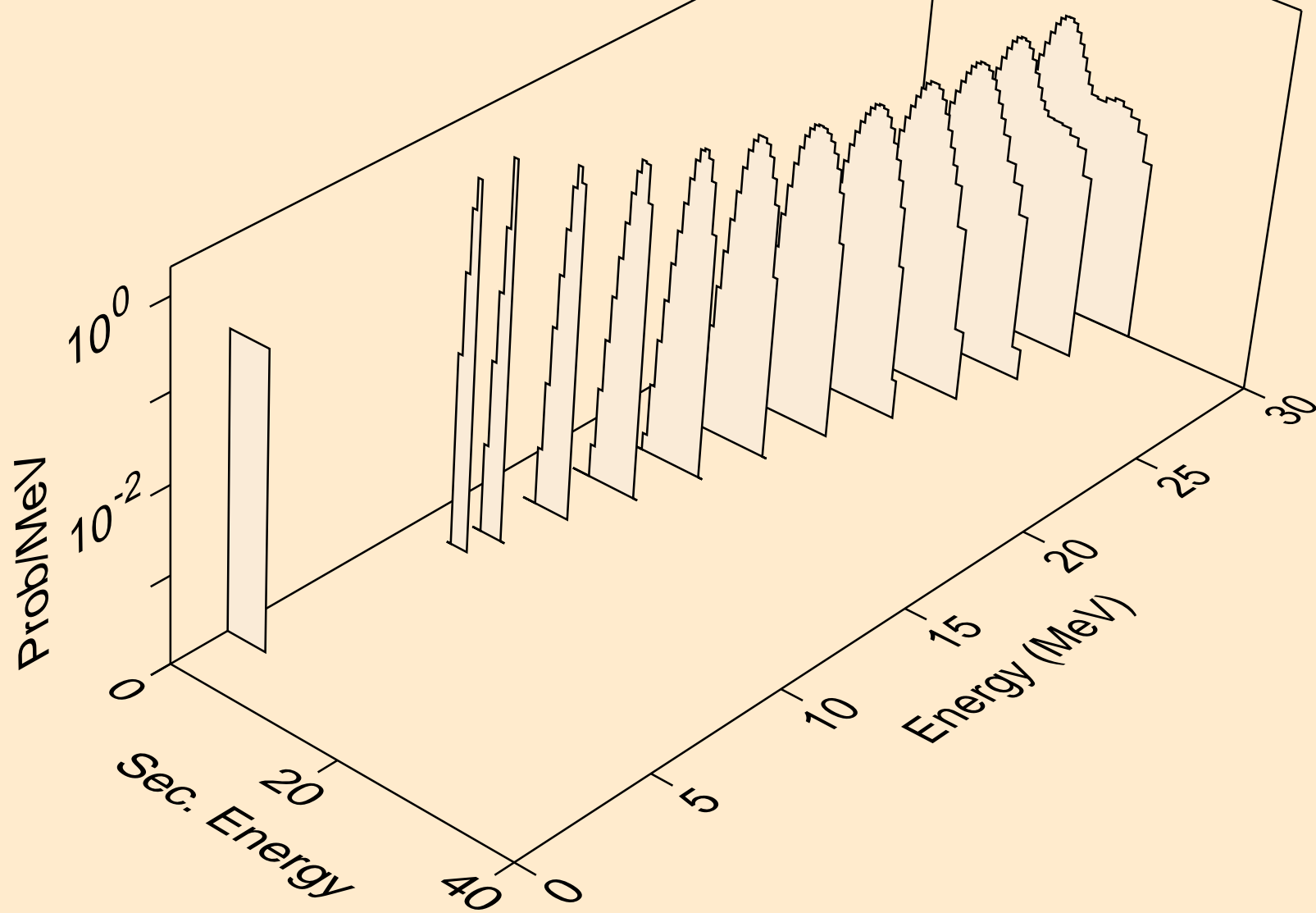
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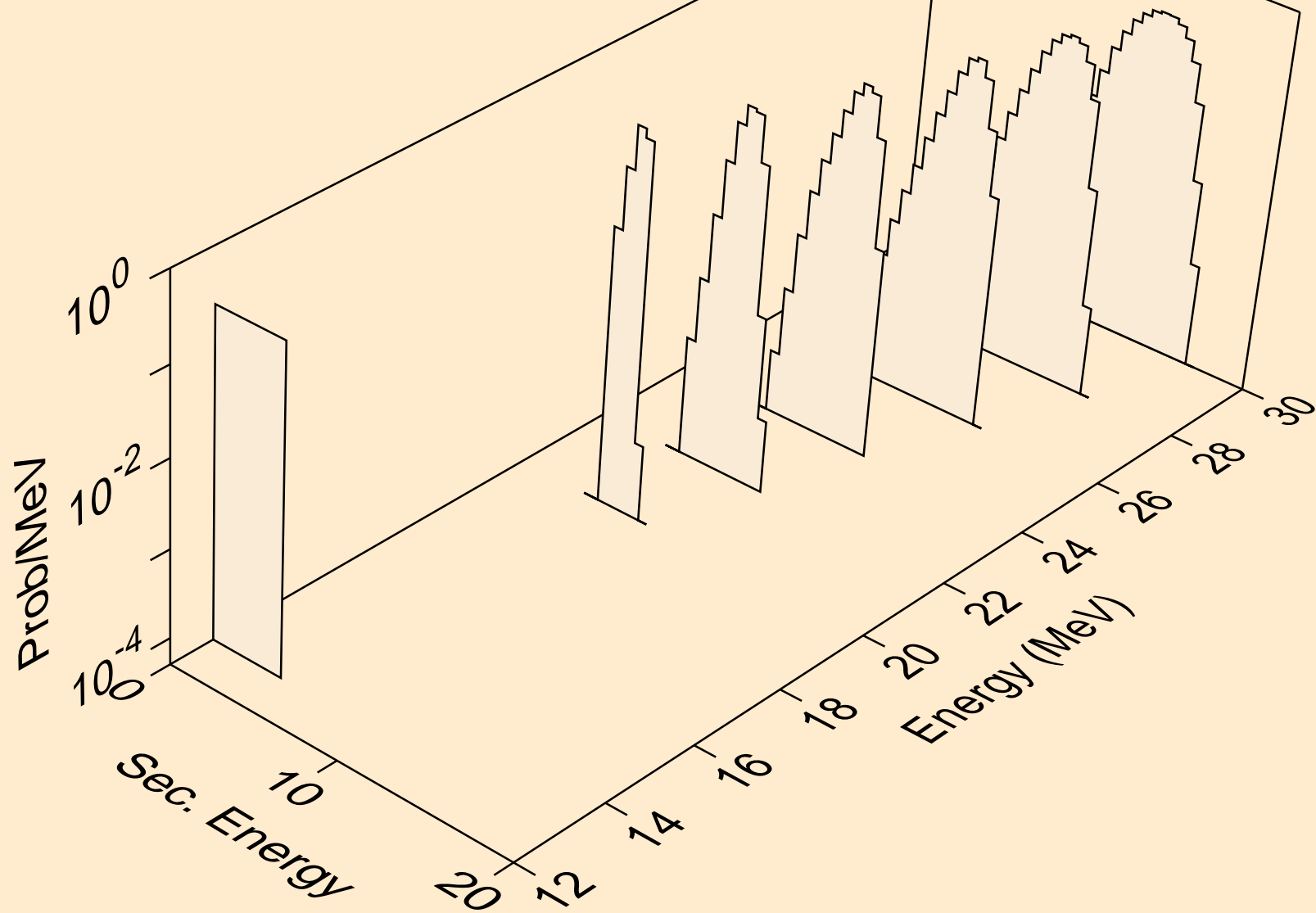
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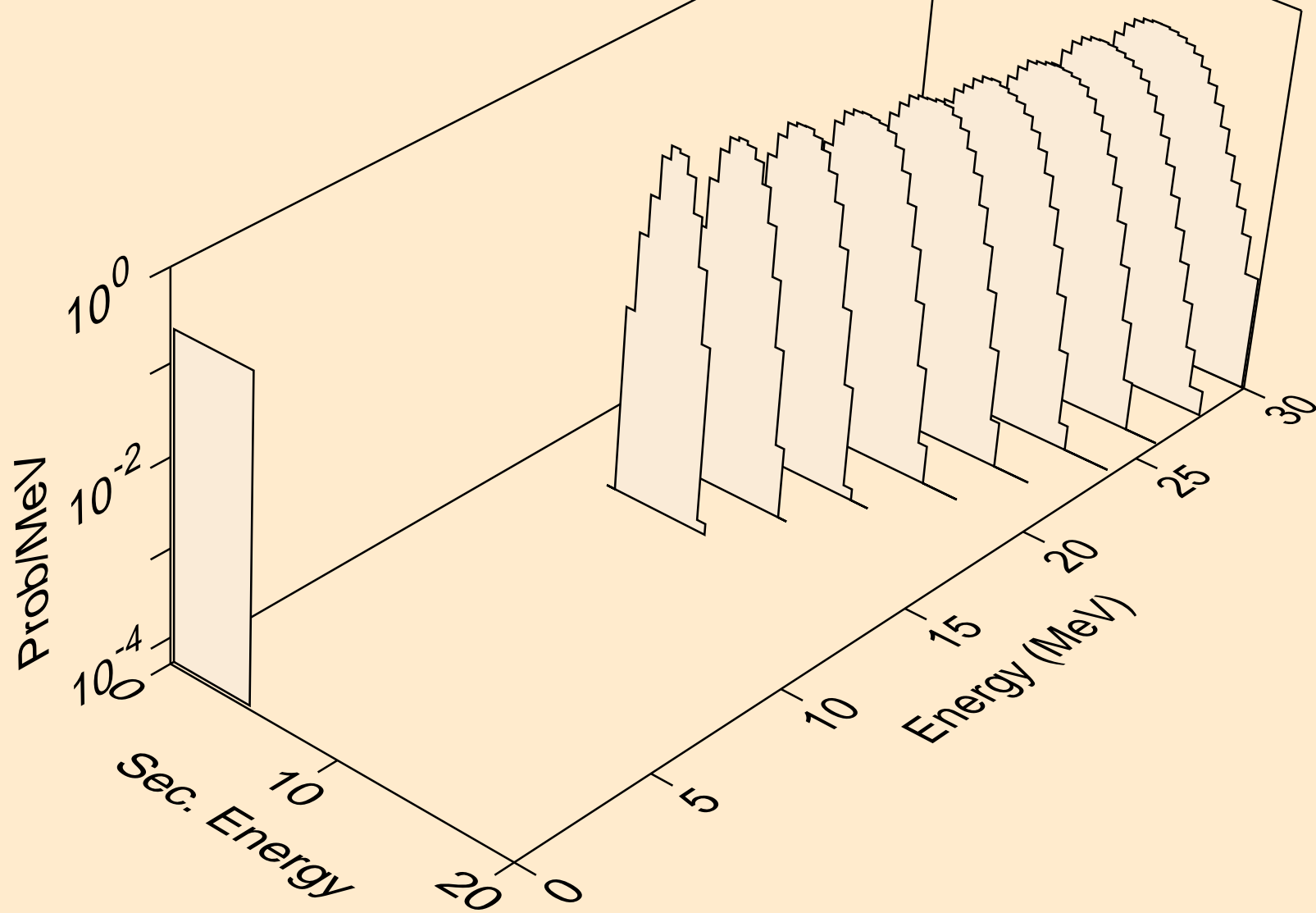
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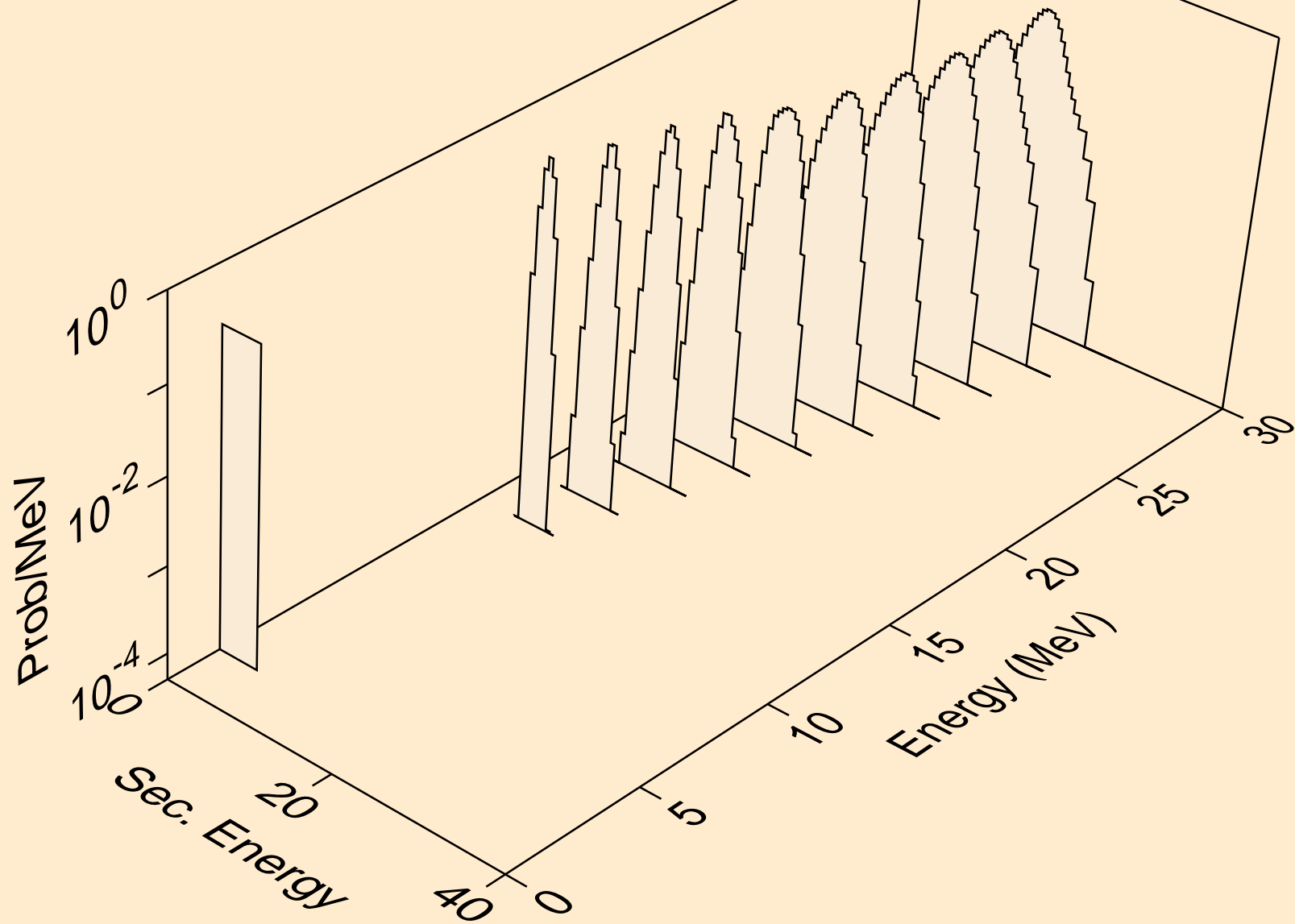
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EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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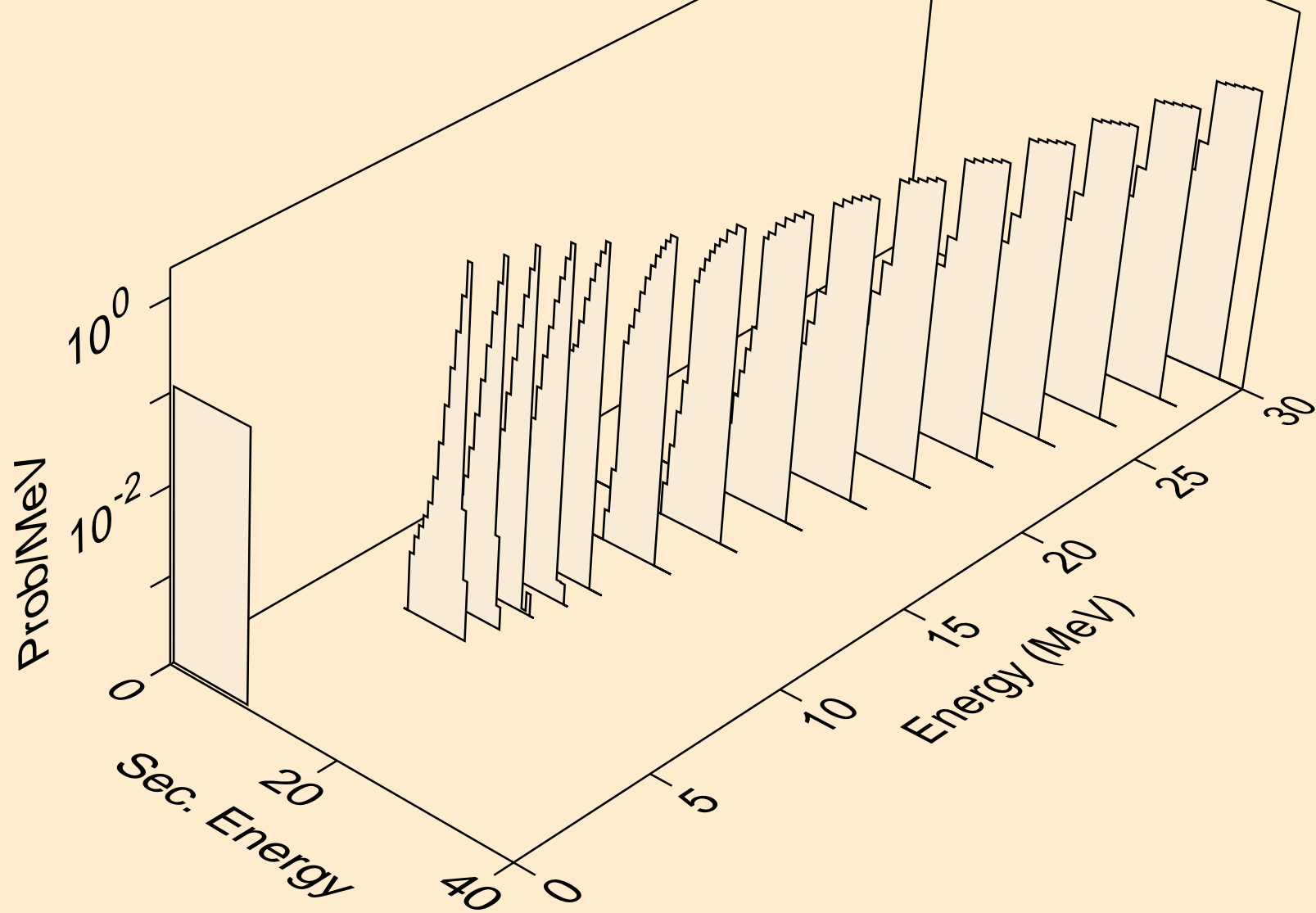


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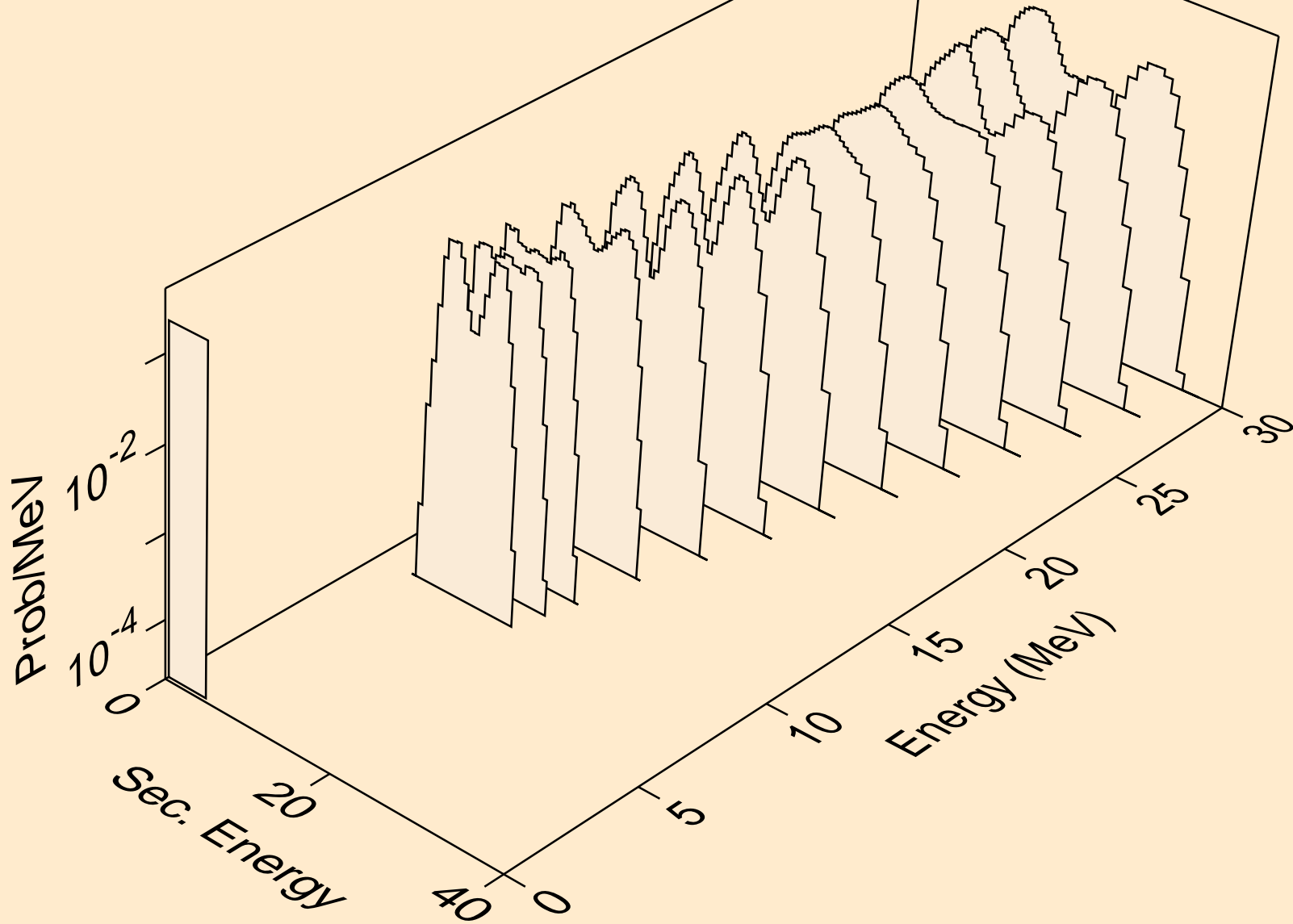




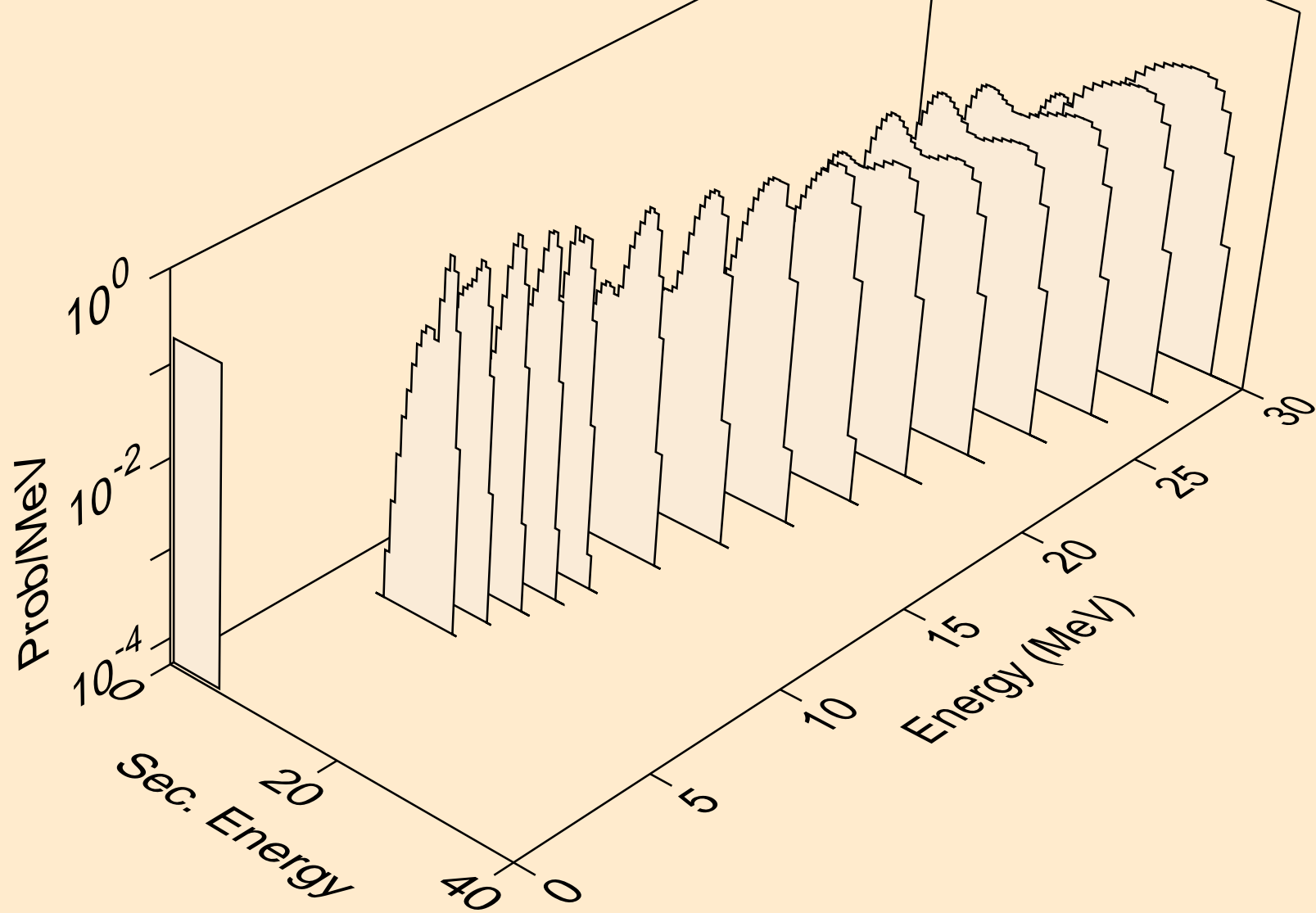
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alphas from (s,a)



EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



EU136 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

