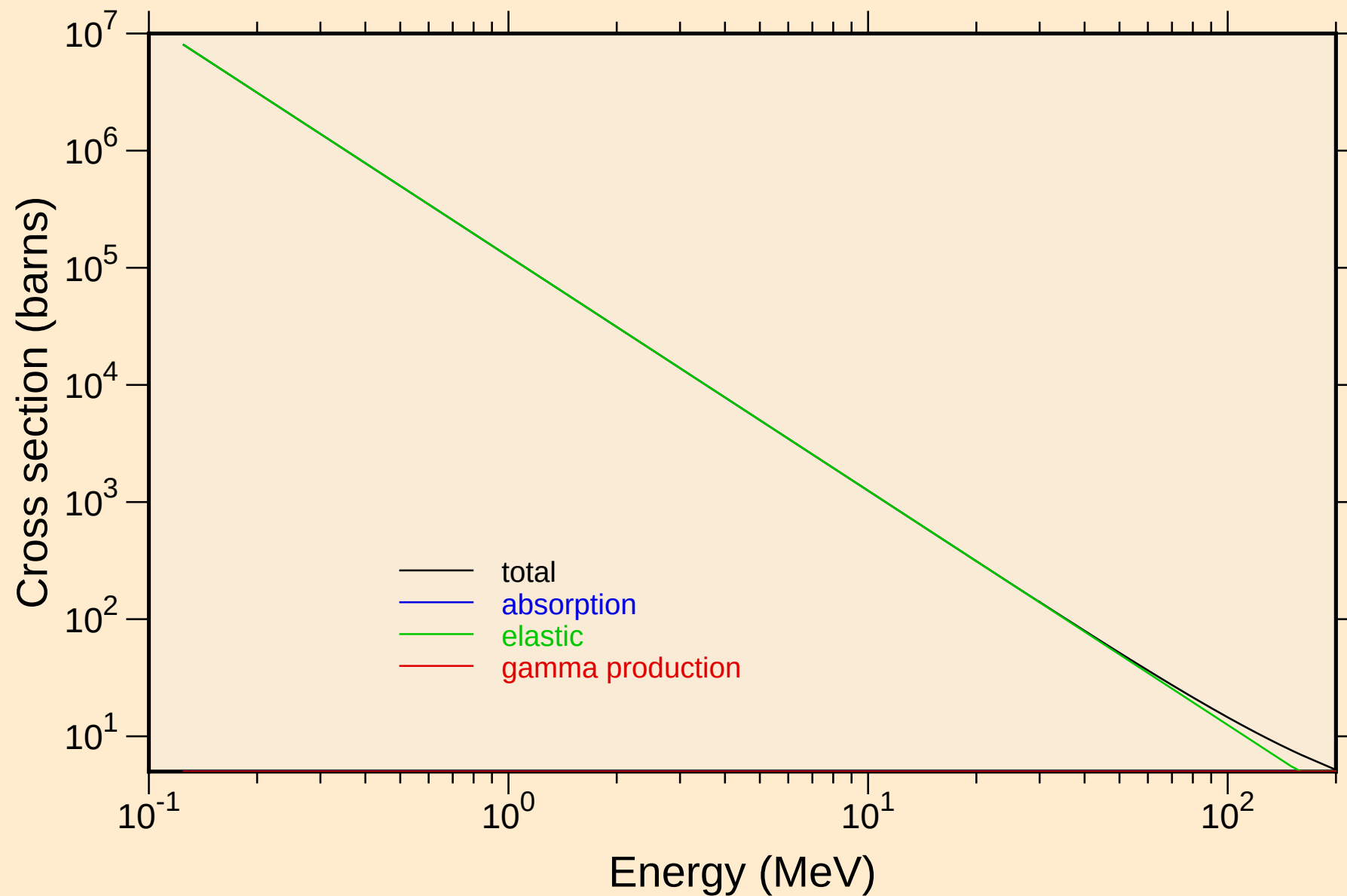


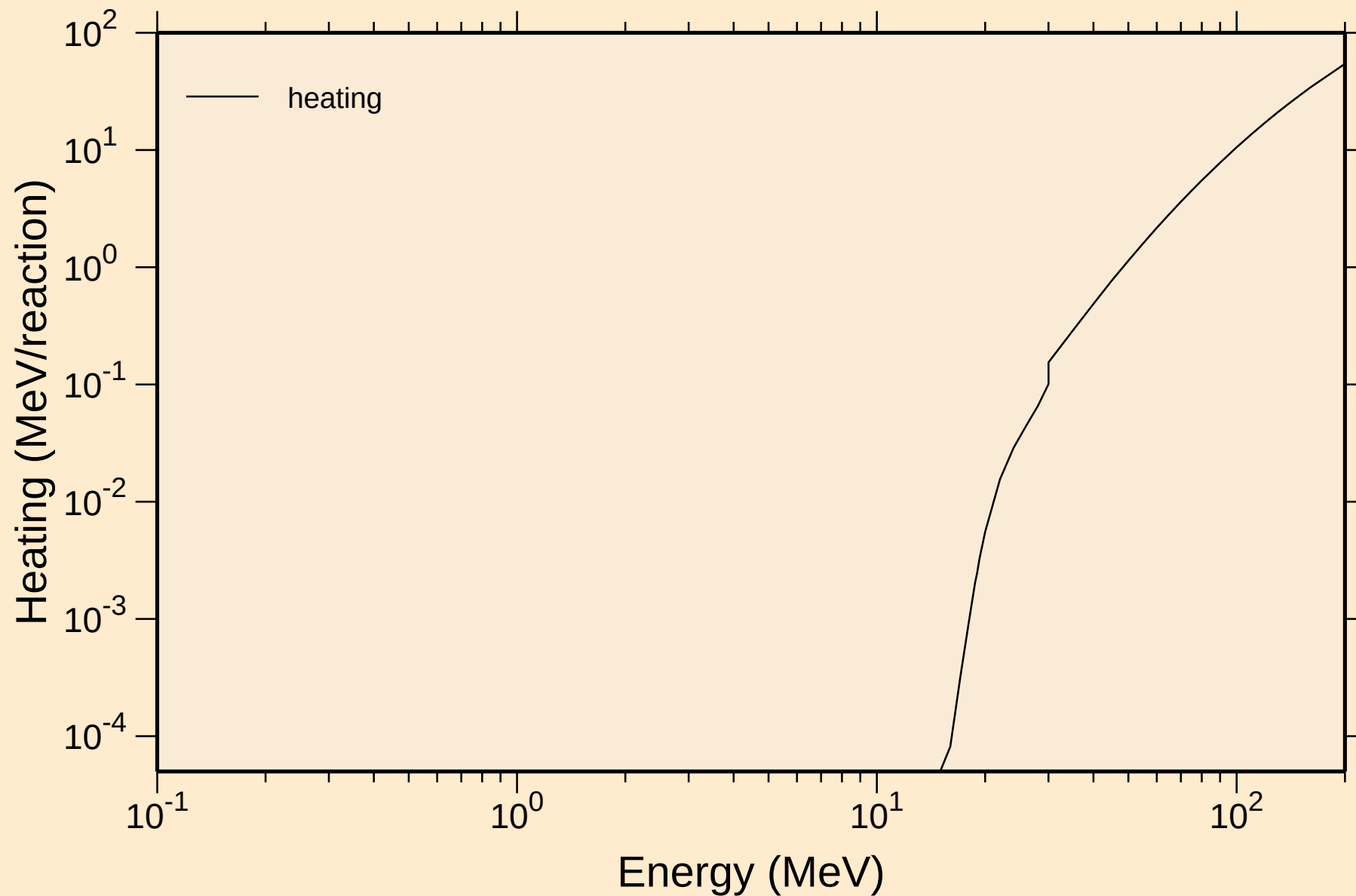
# YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



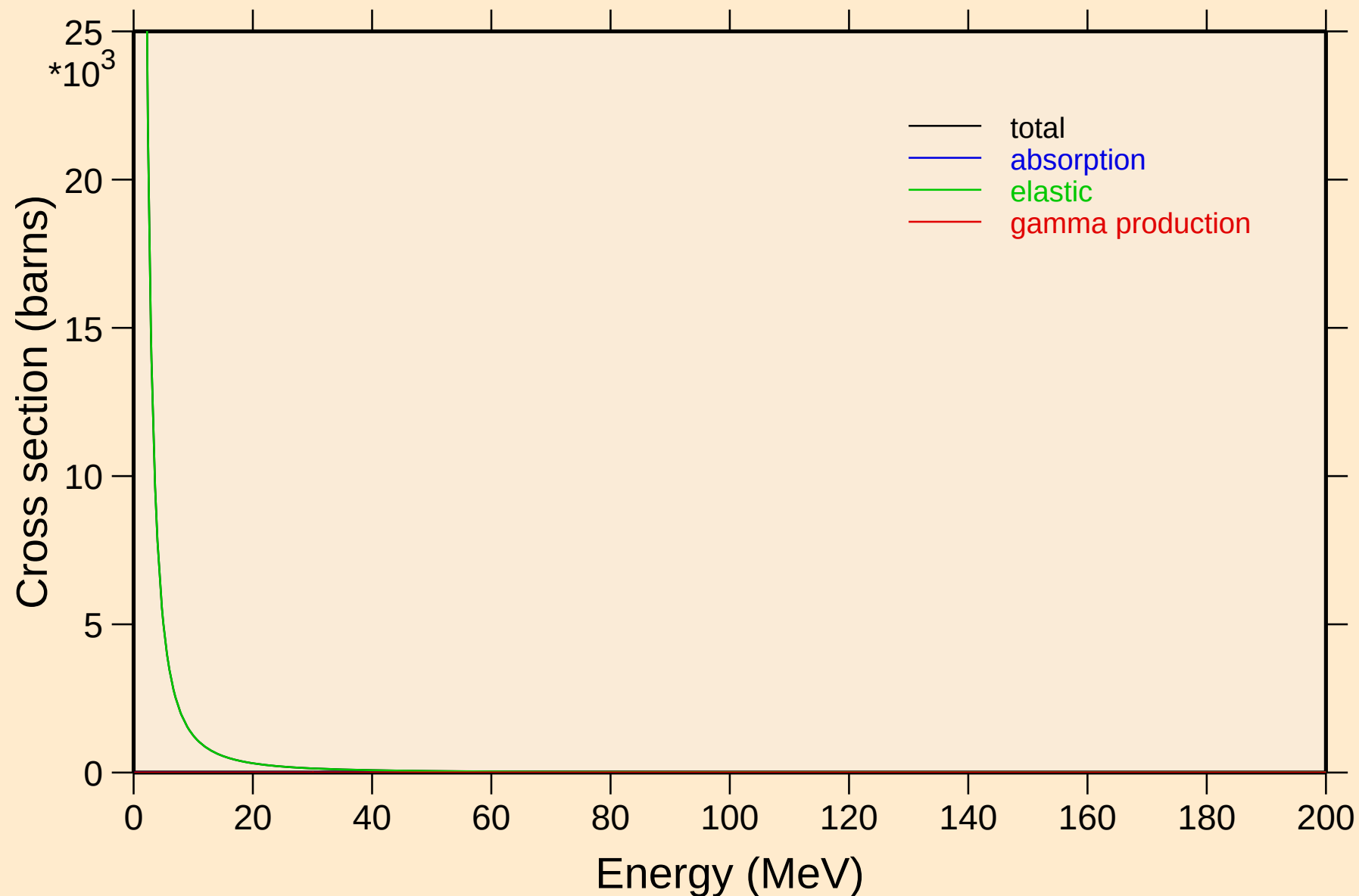
# YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



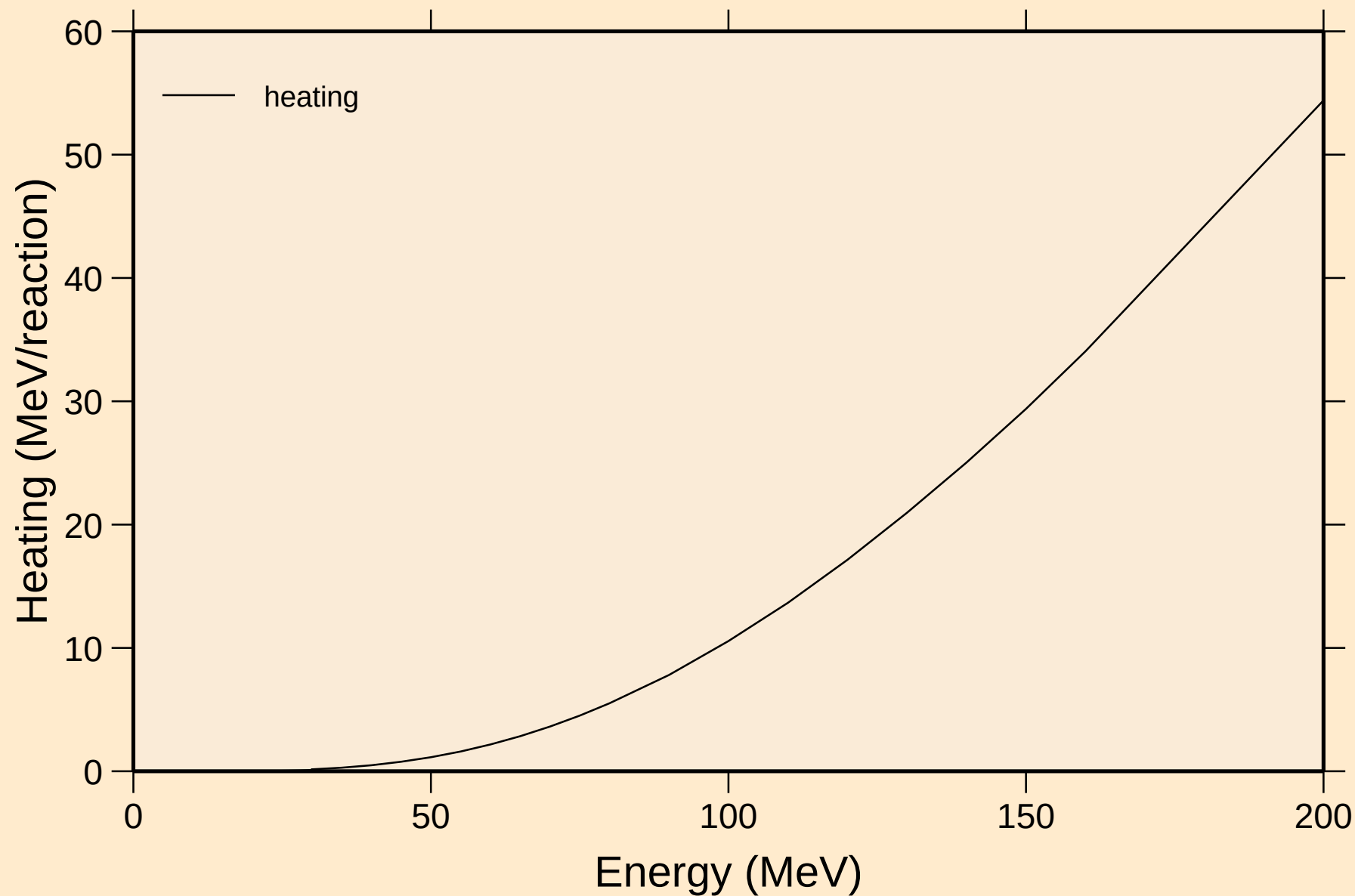
# YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



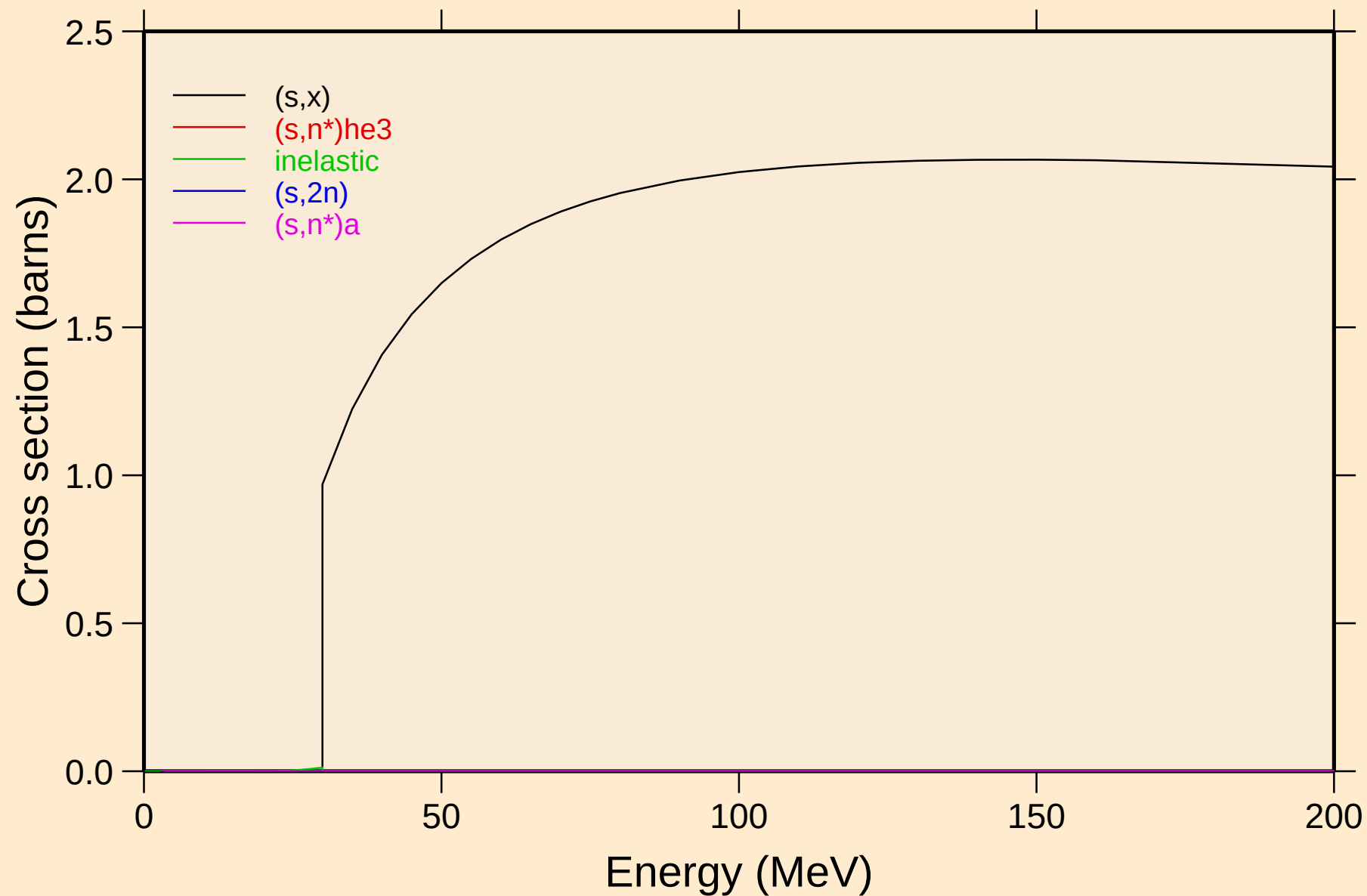
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

Heating



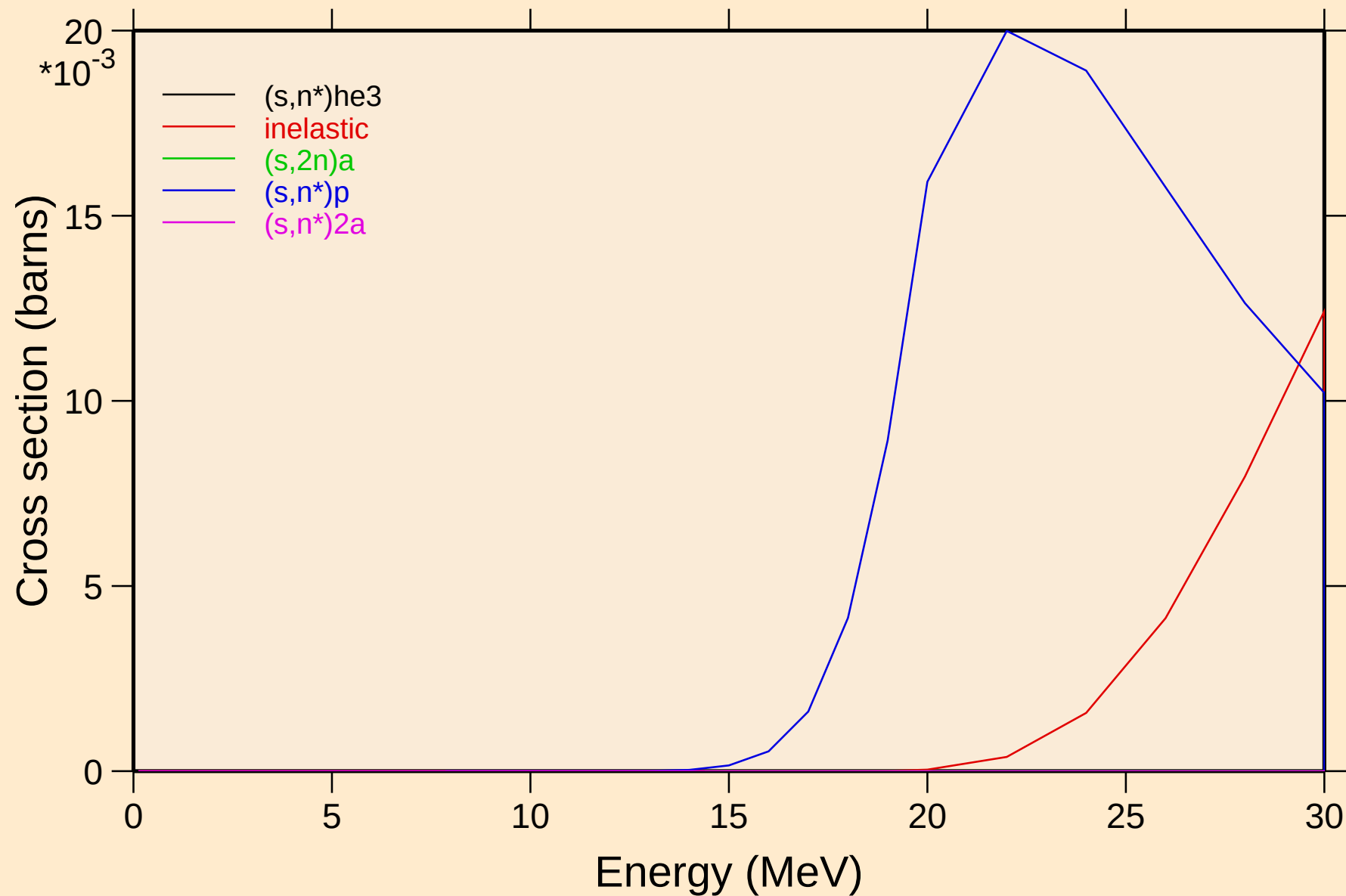
# YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



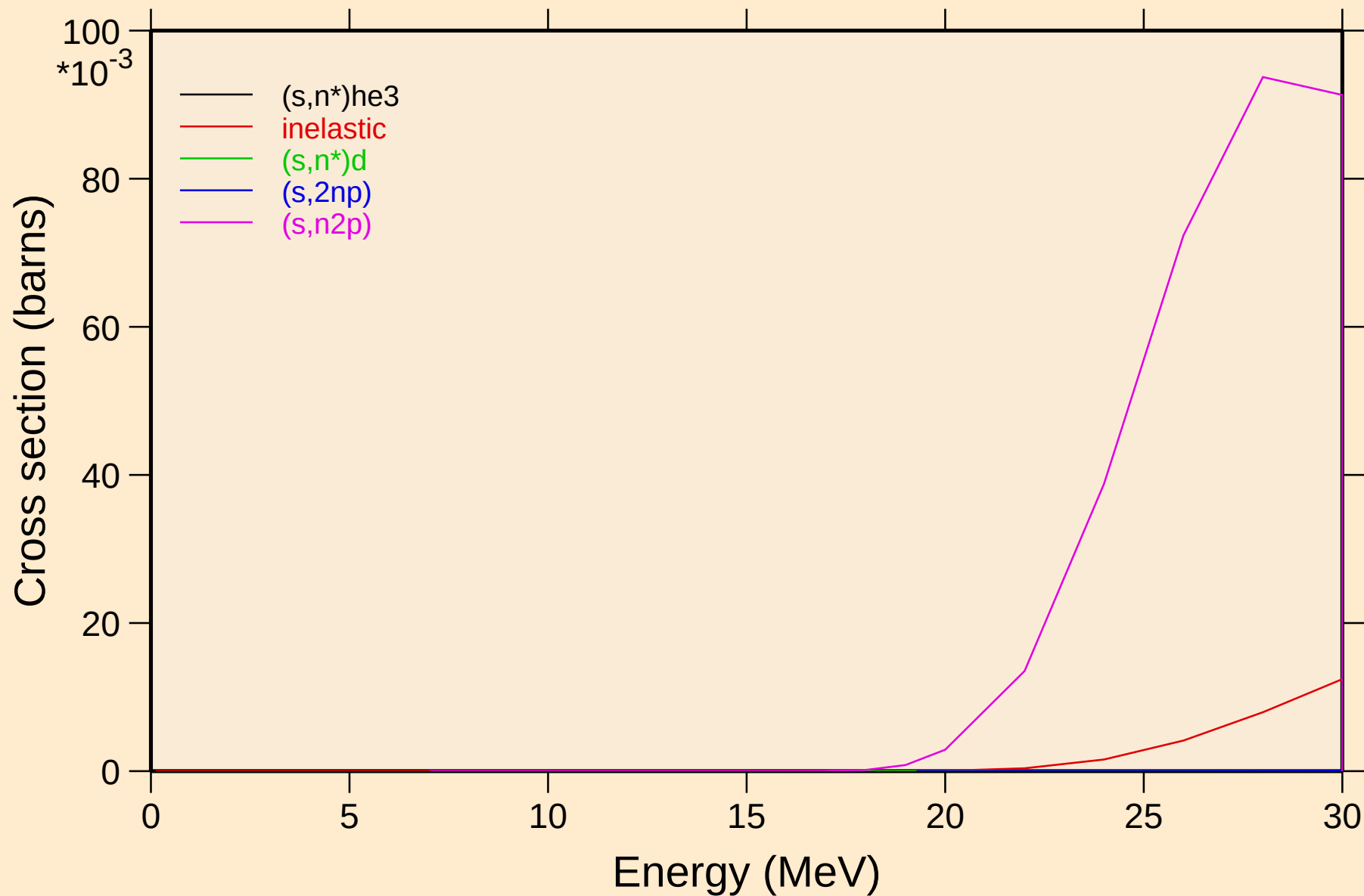
# YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



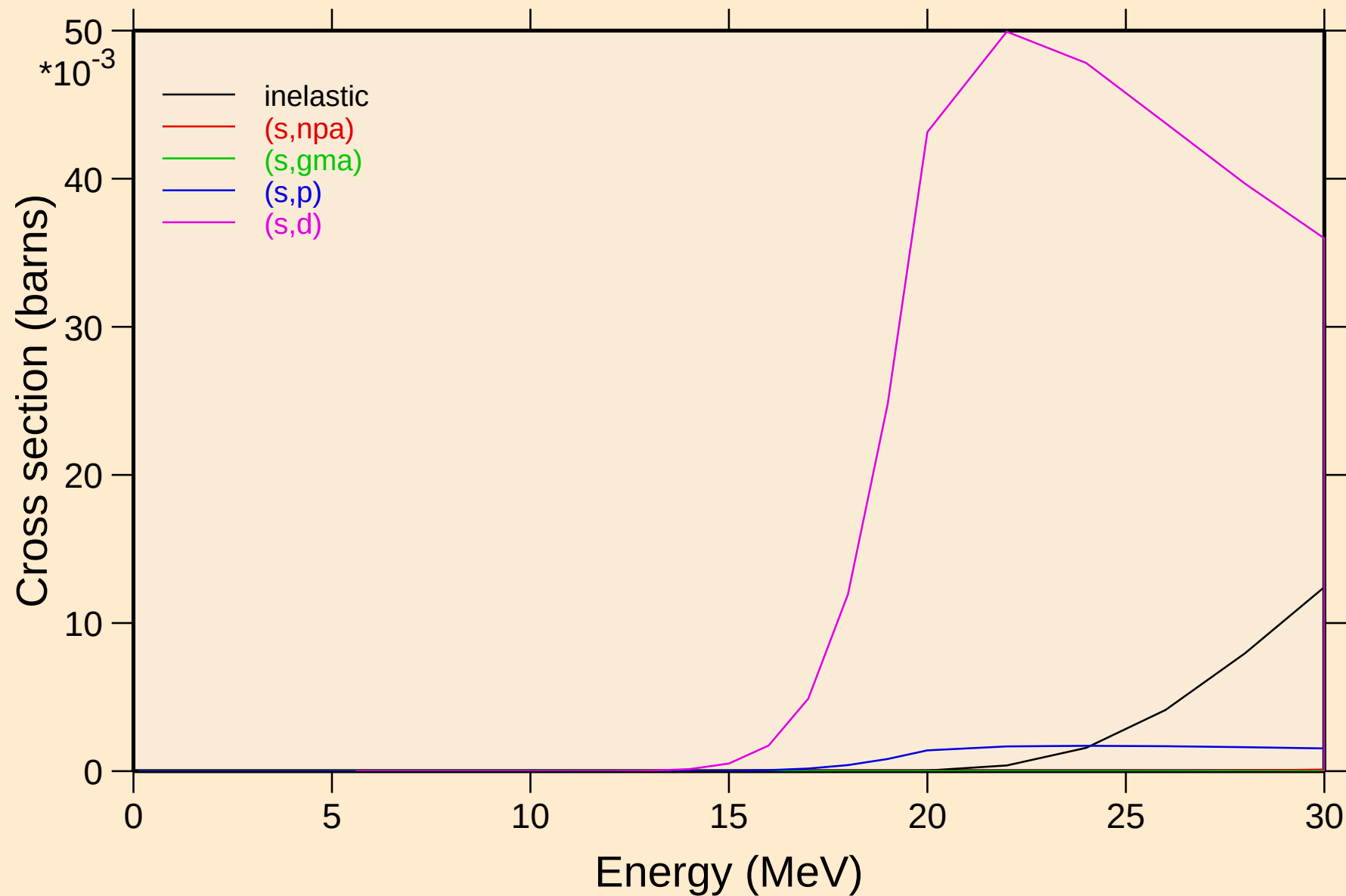
# YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

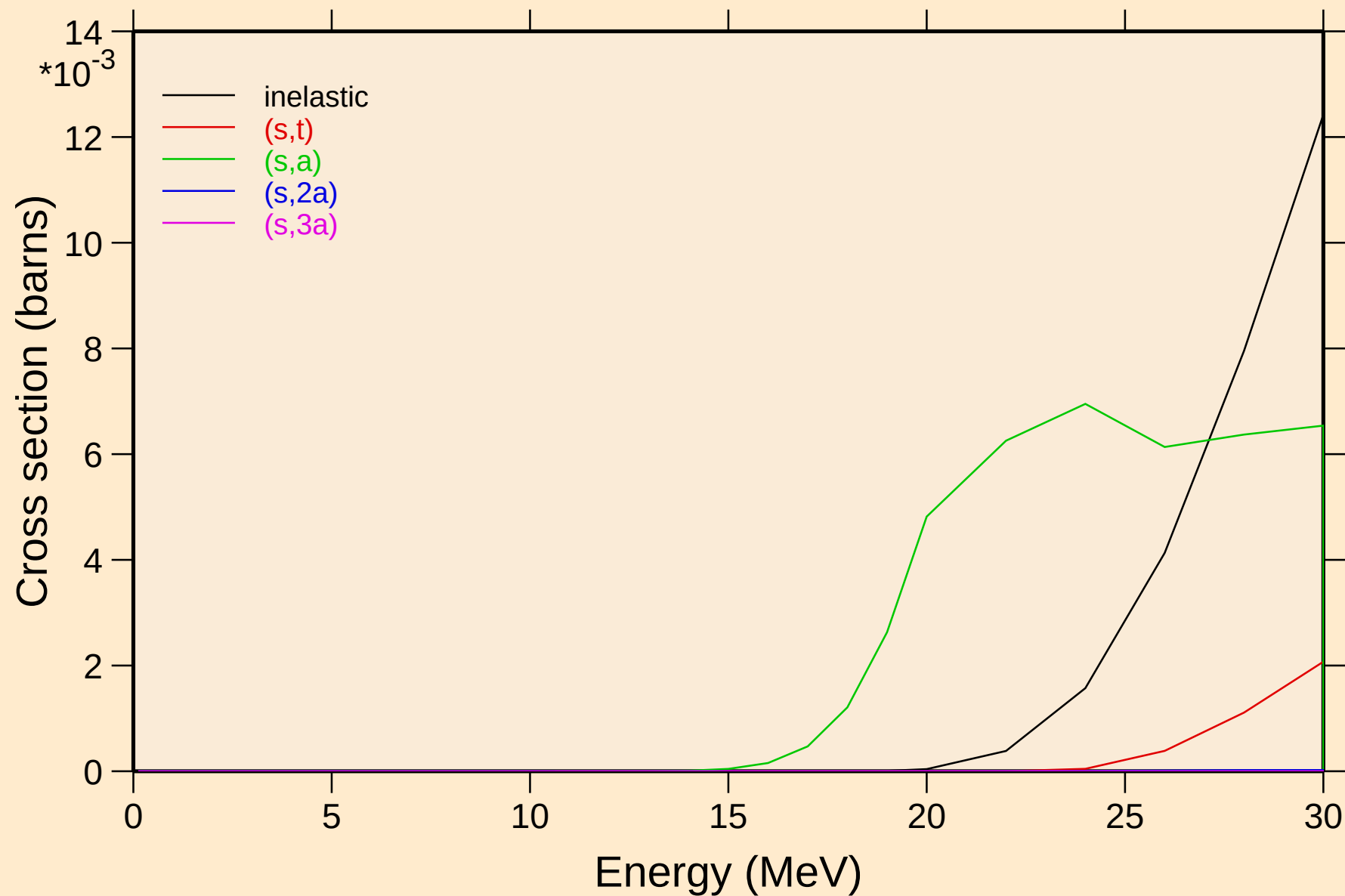
## Threshold reactions





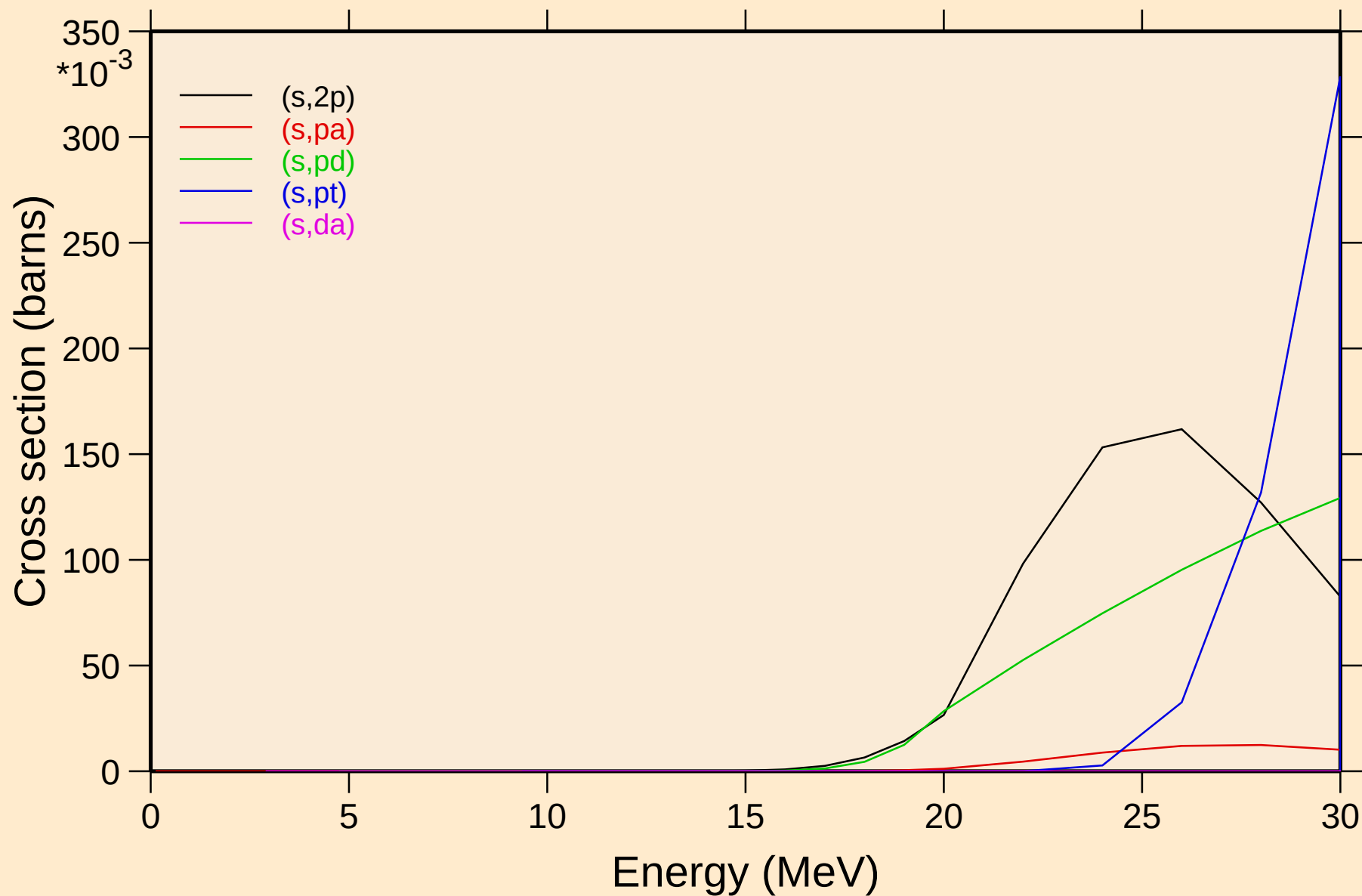
# YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

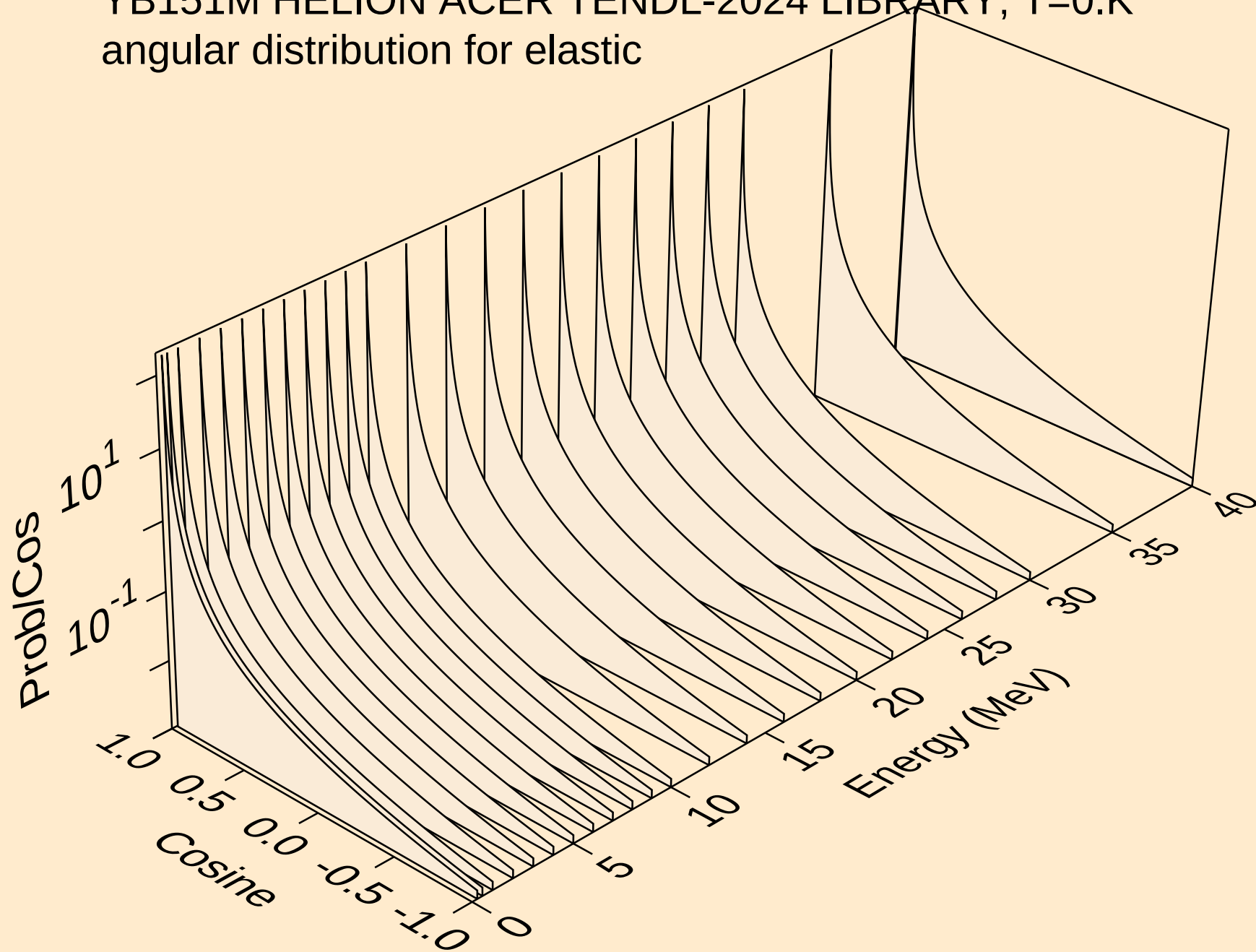


# YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

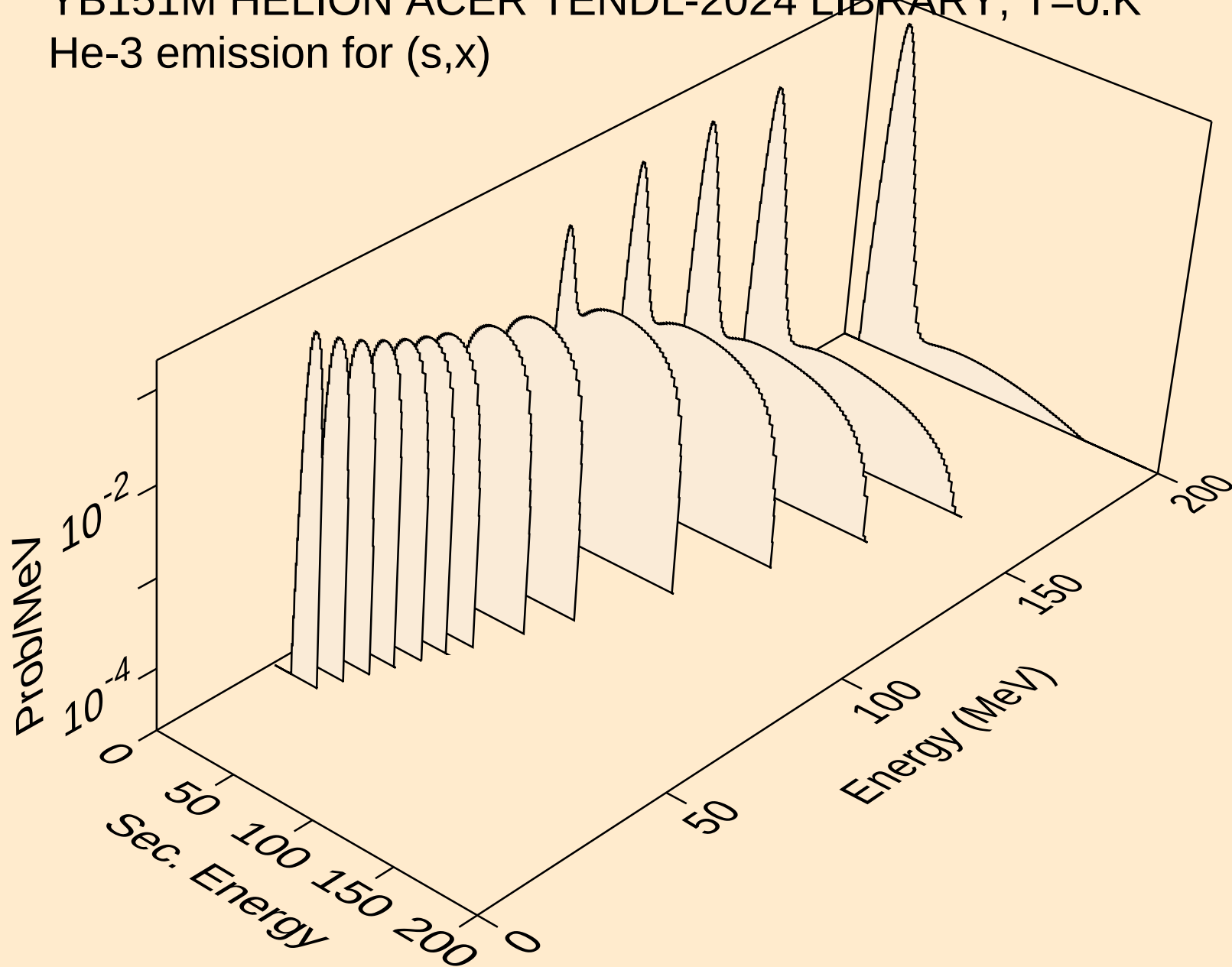
## Threshold reactions



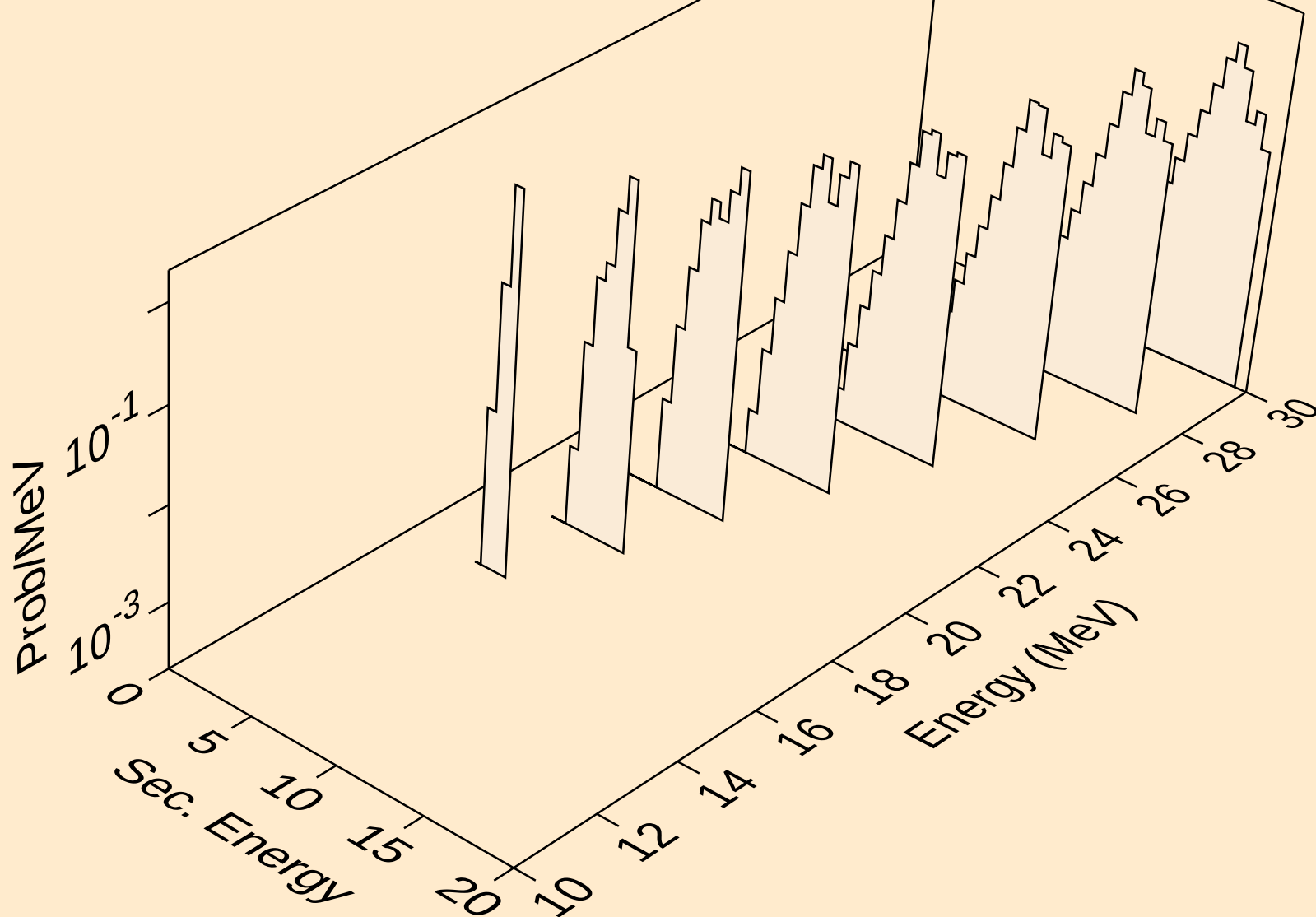
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



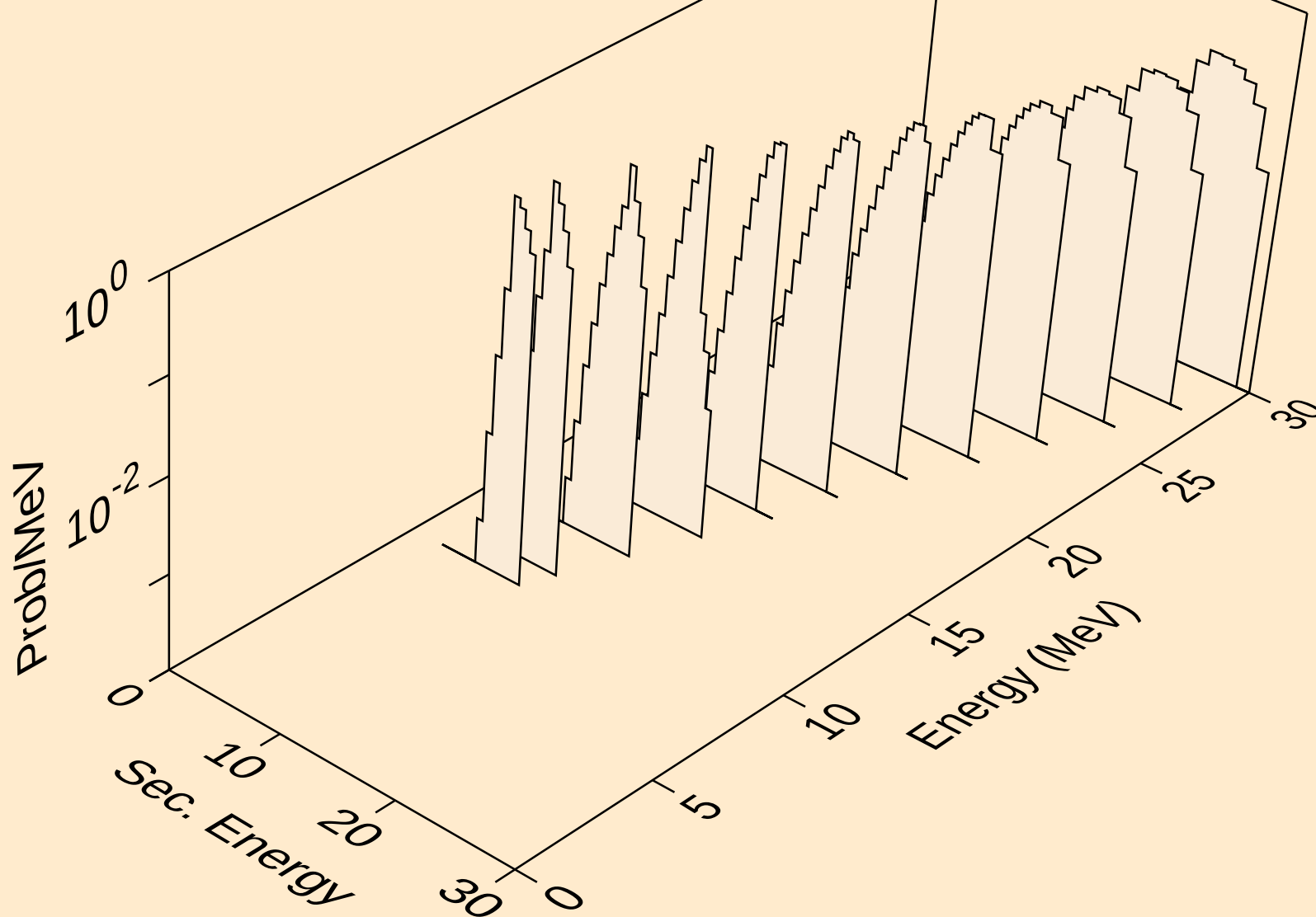
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,x)



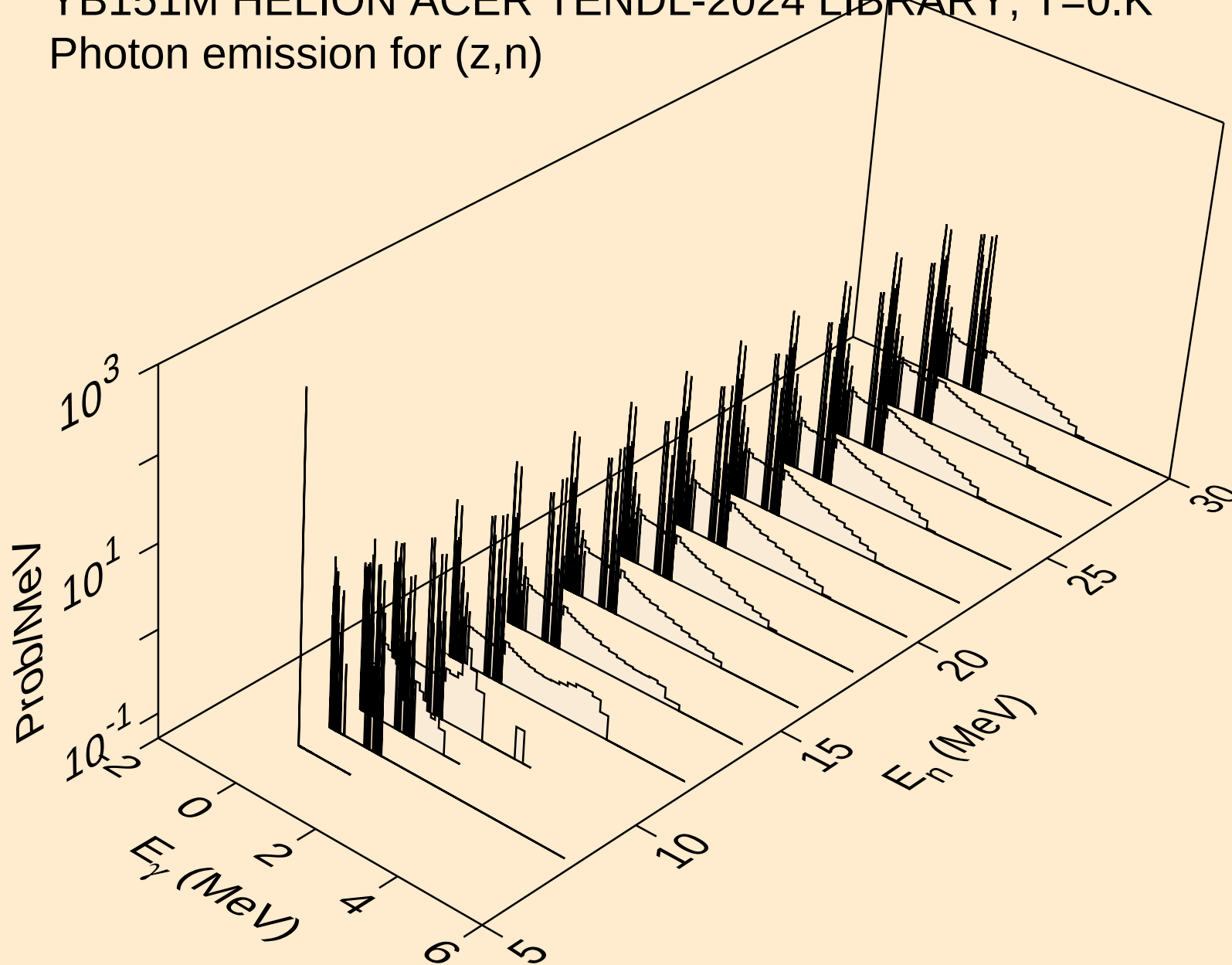
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
He-3 emission for inelastic

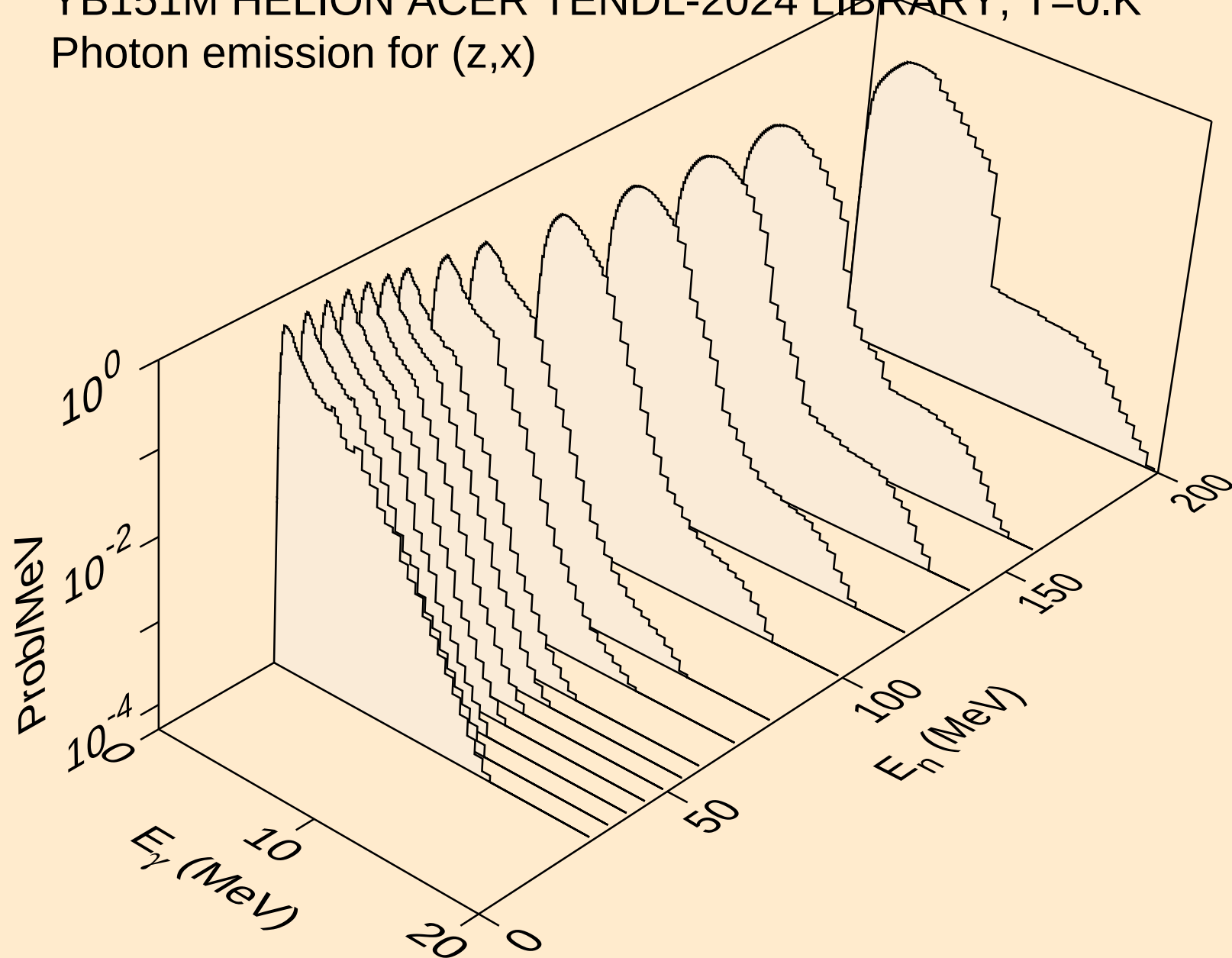


YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



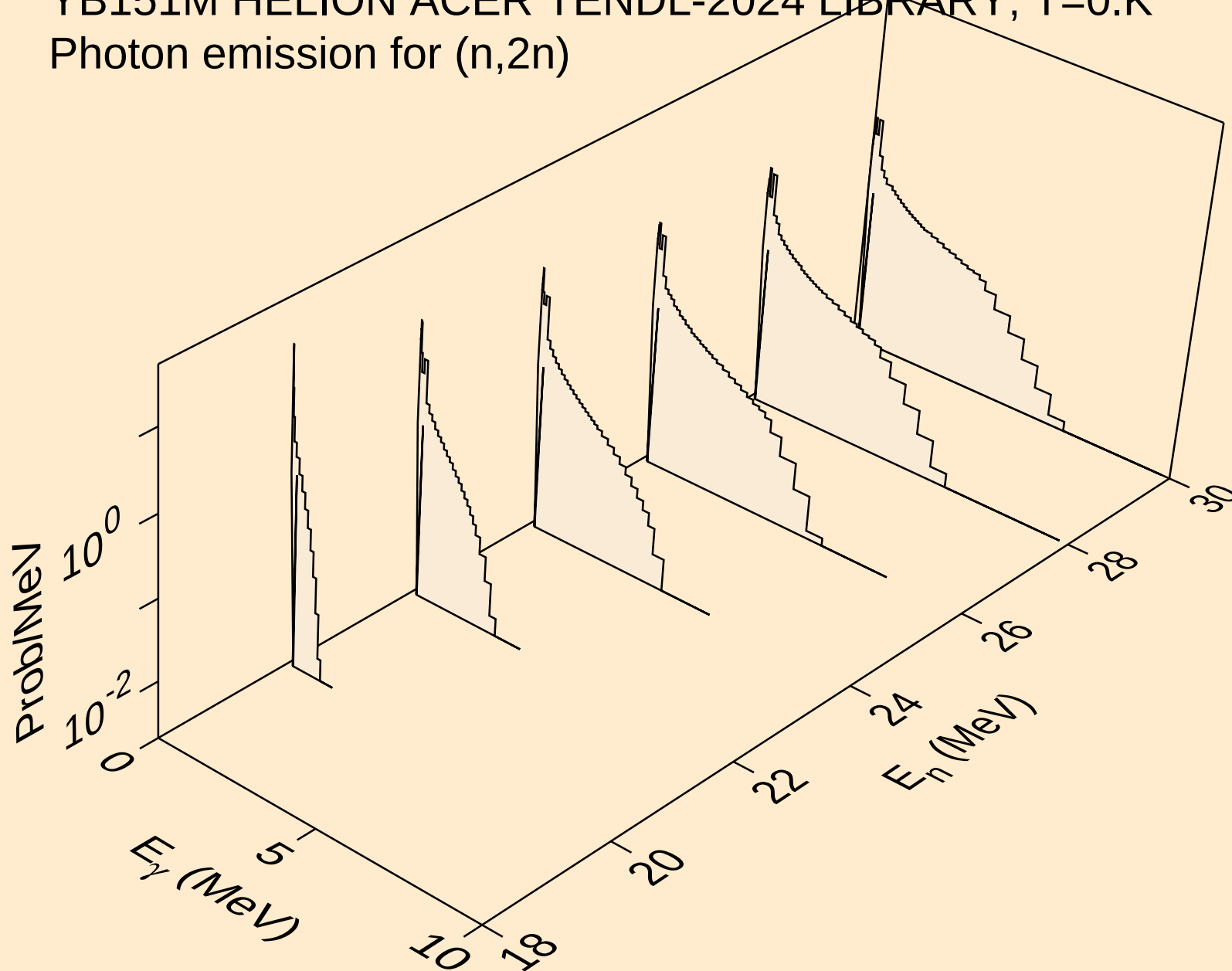
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (z,x)



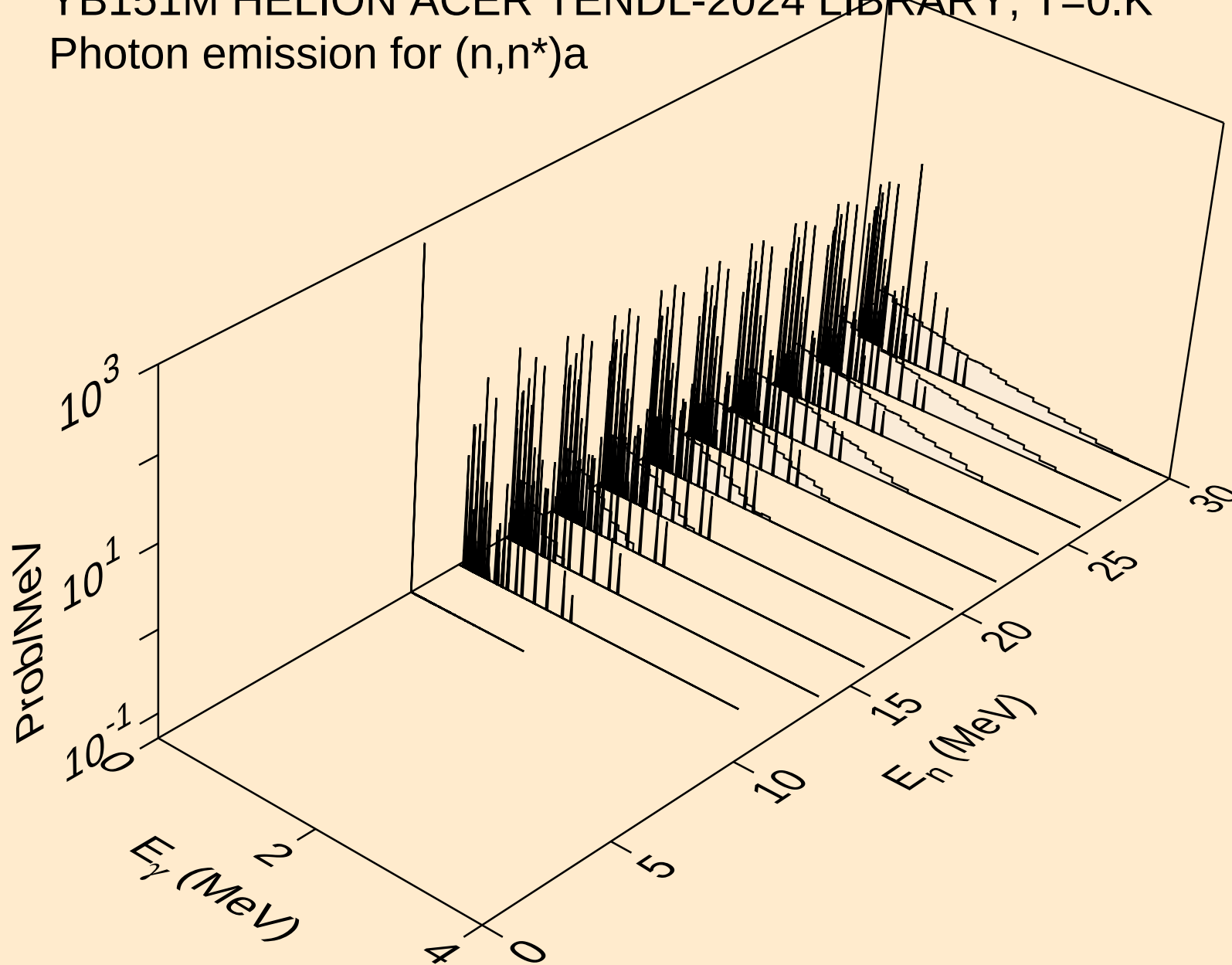


YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



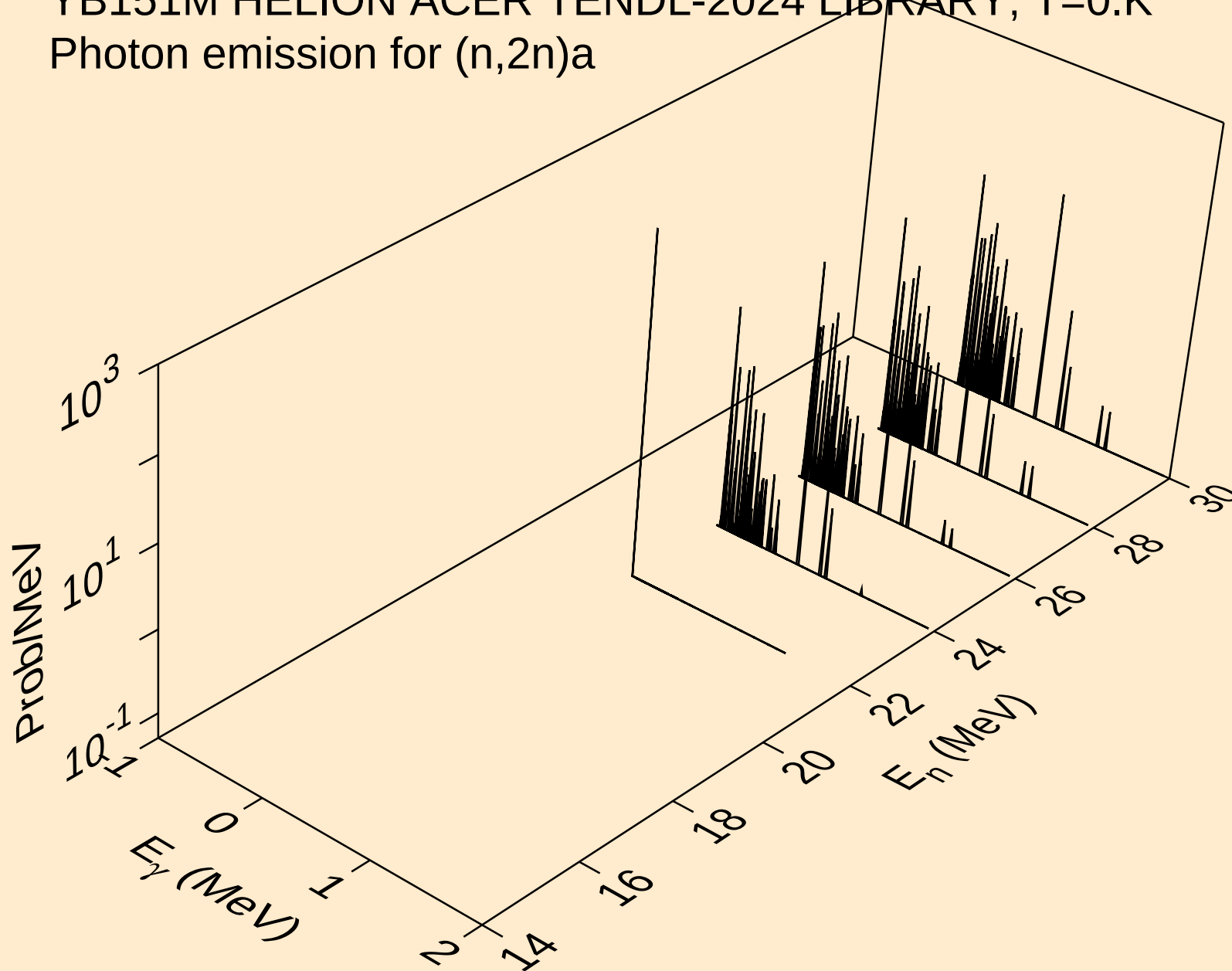
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



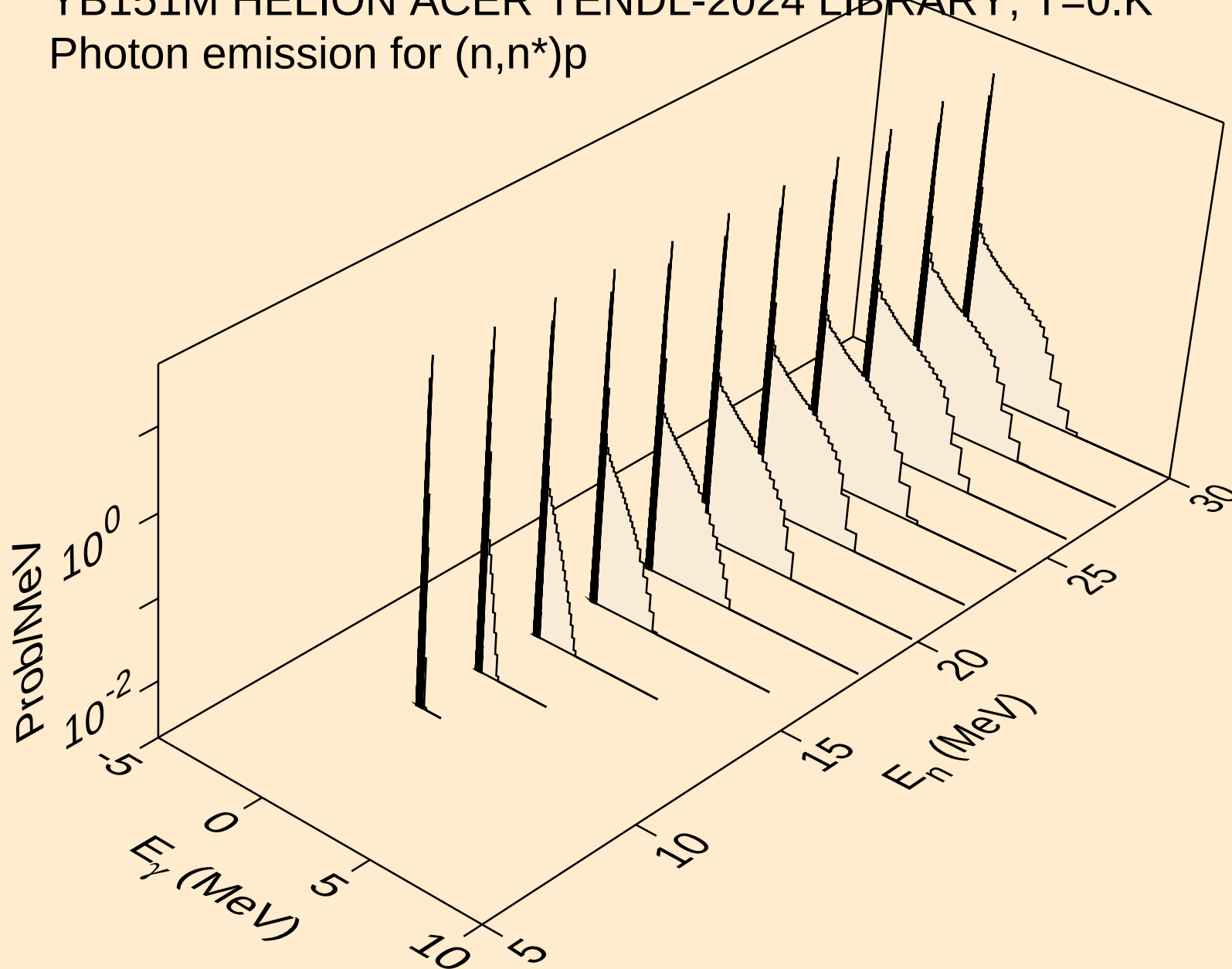
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$



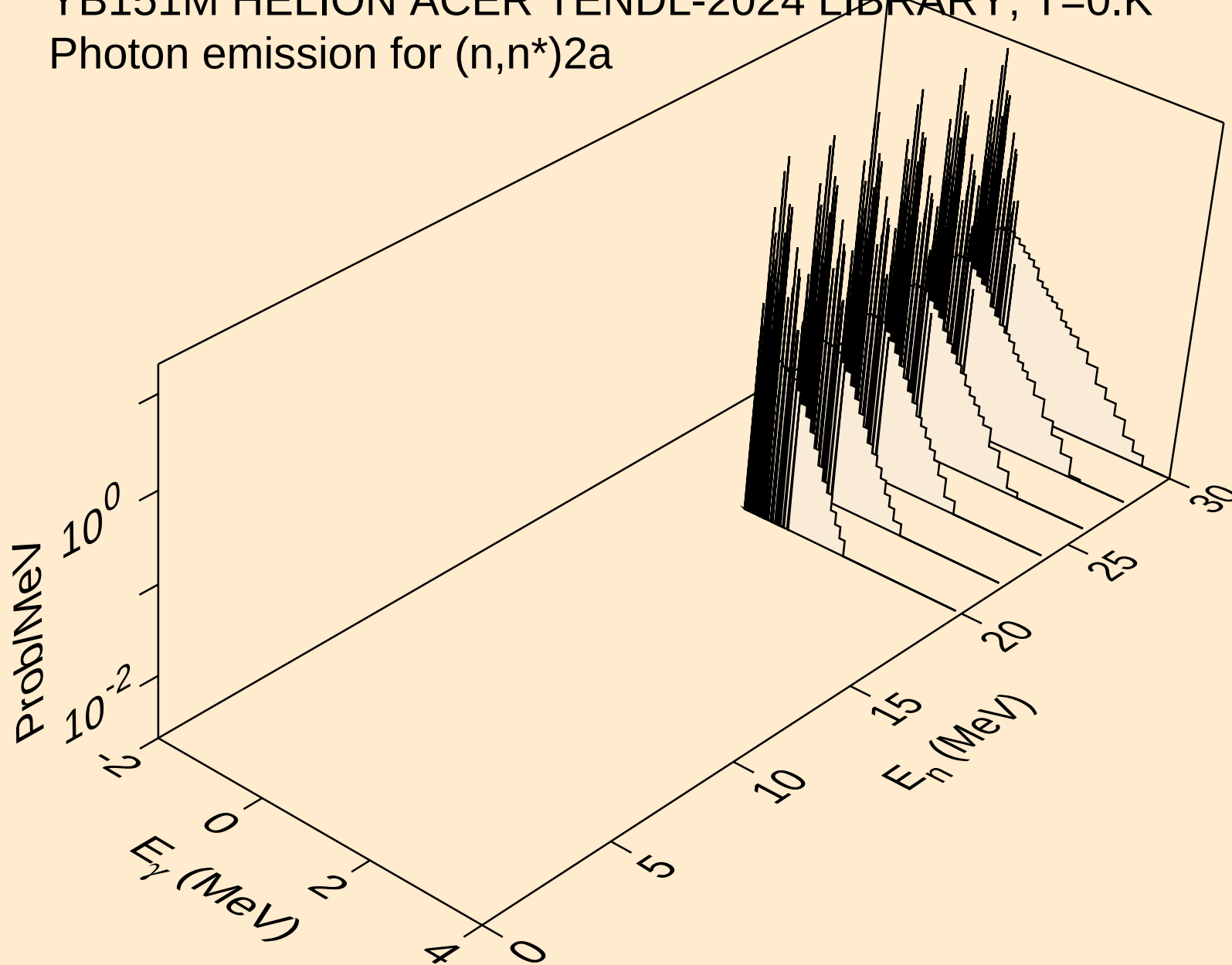
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p



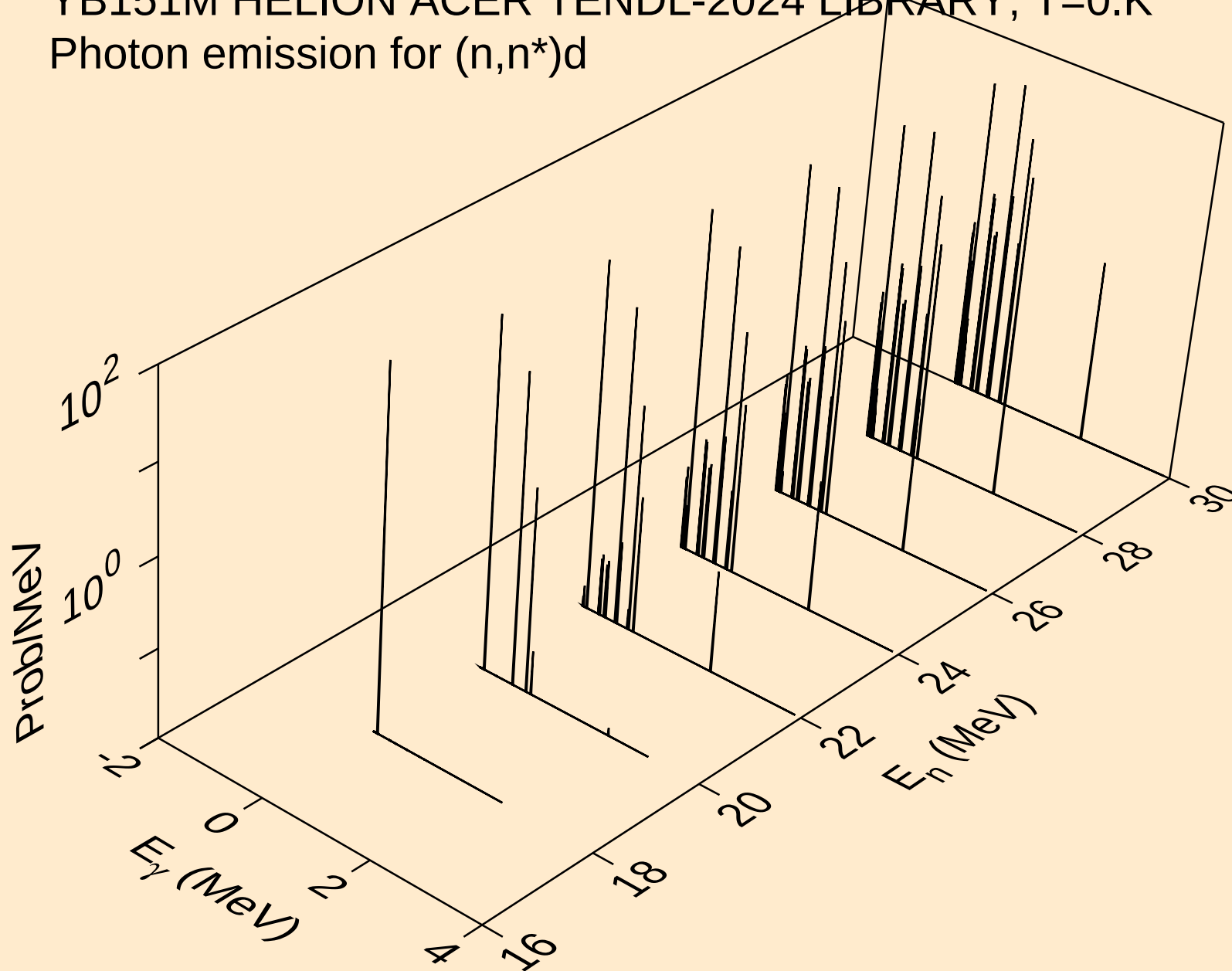
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

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

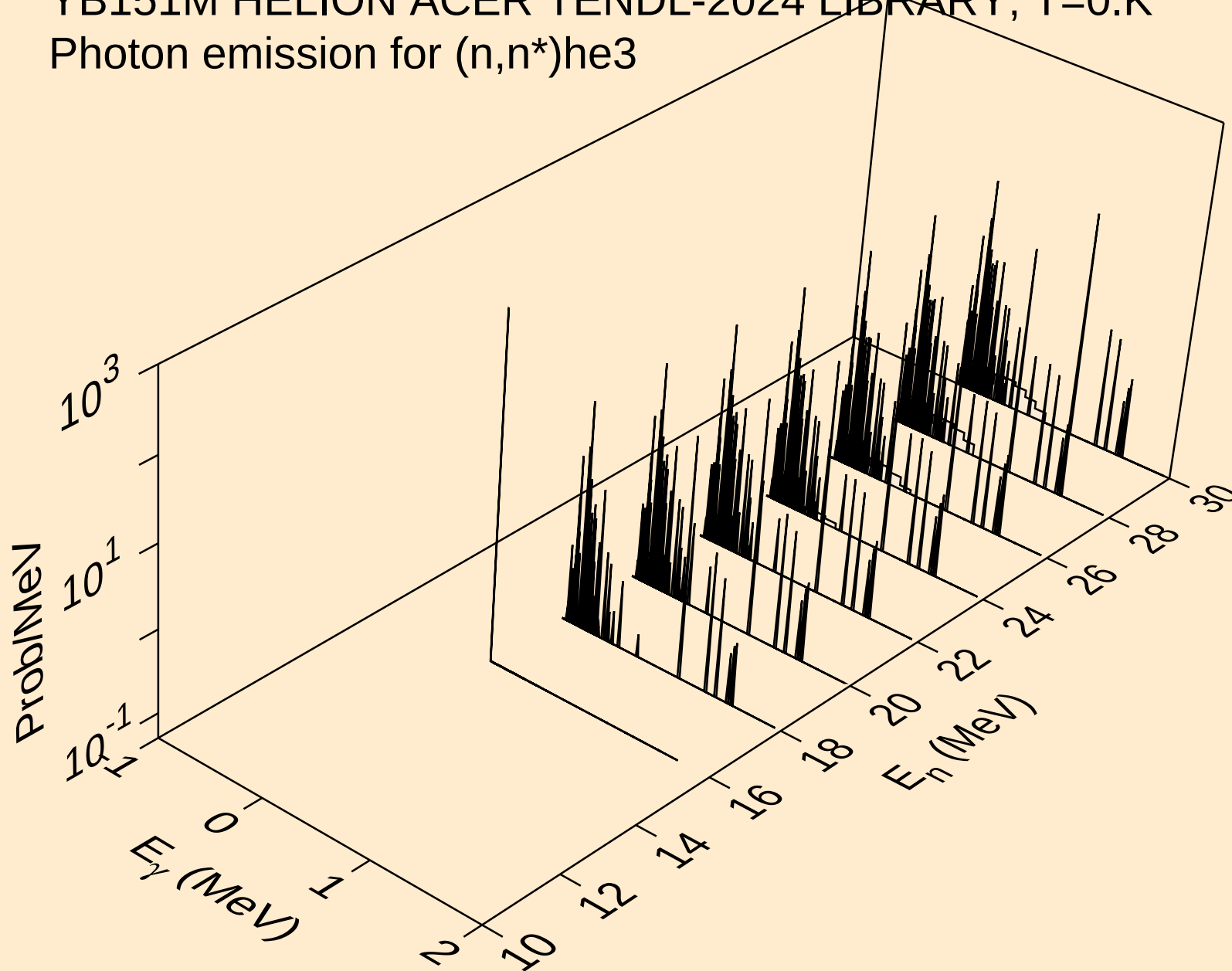


YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

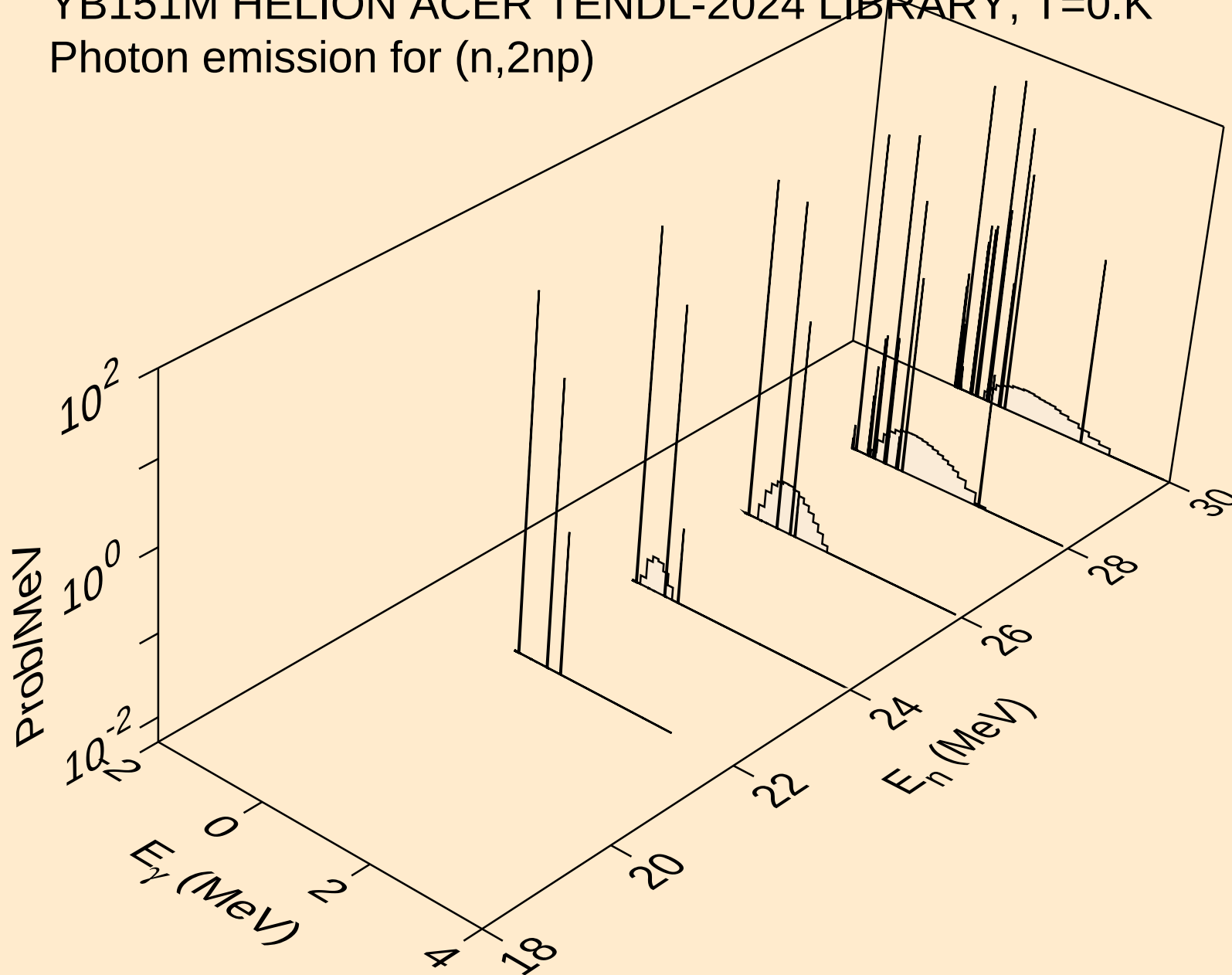
Photon emission for (n,n\*)d



YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

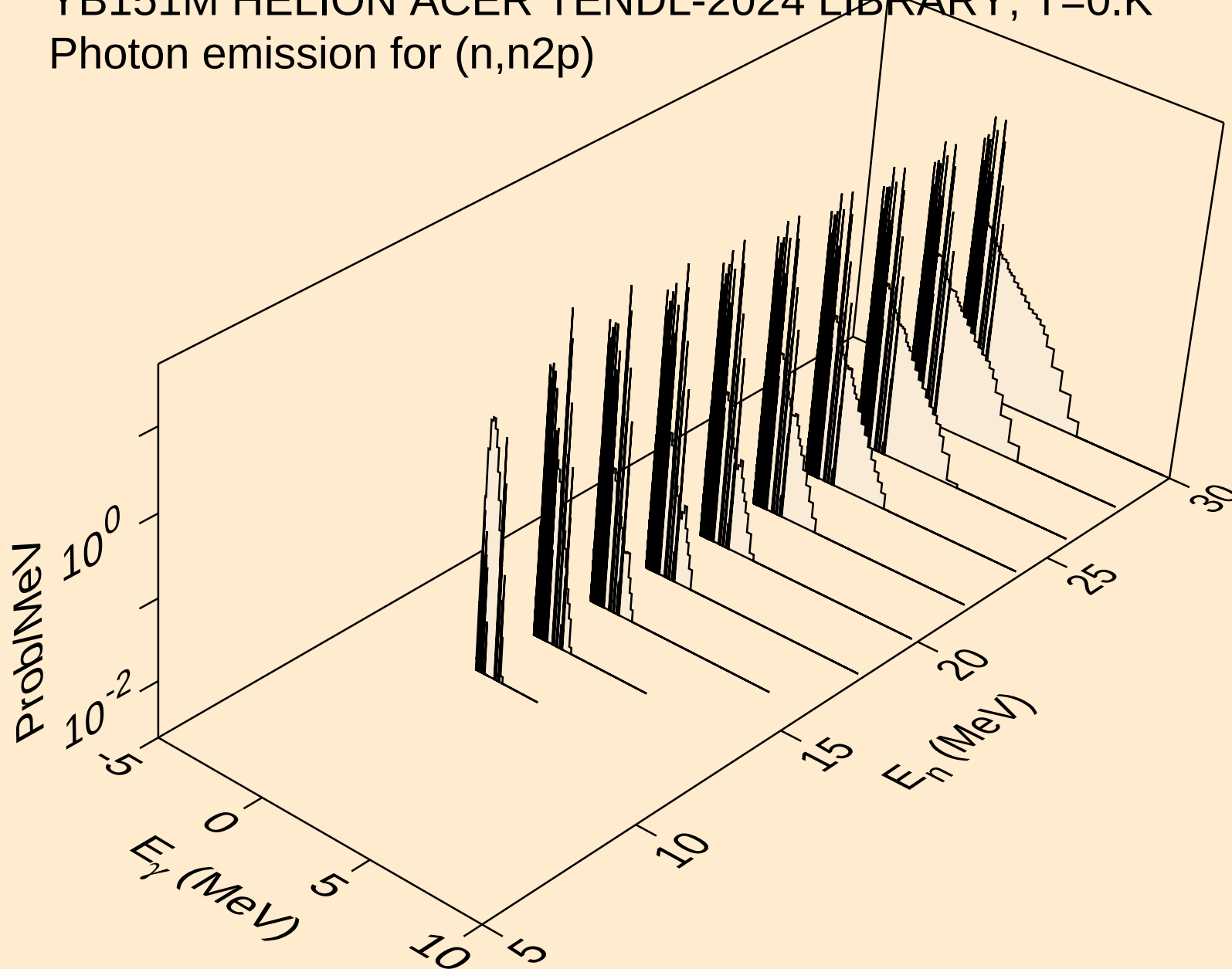


YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

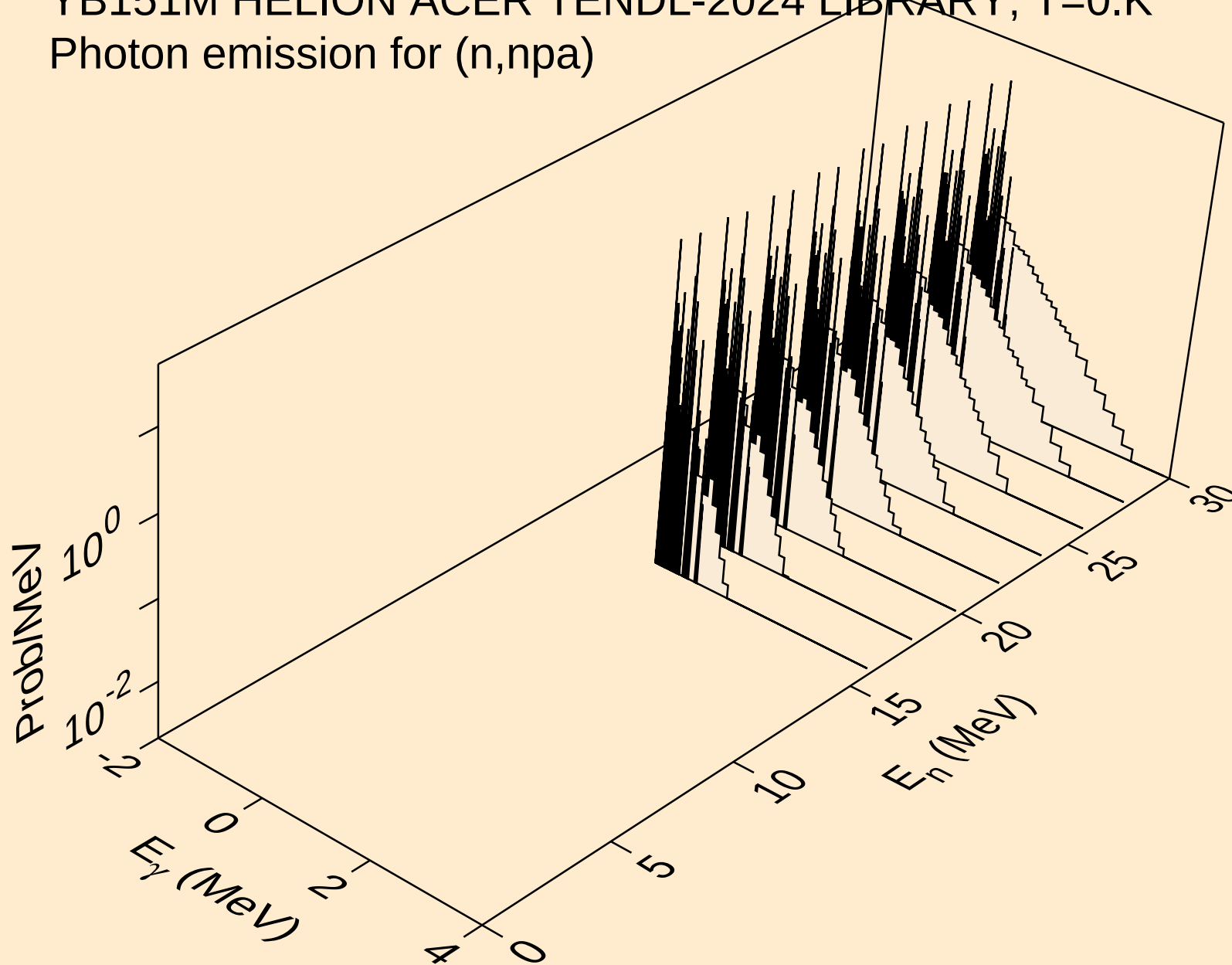




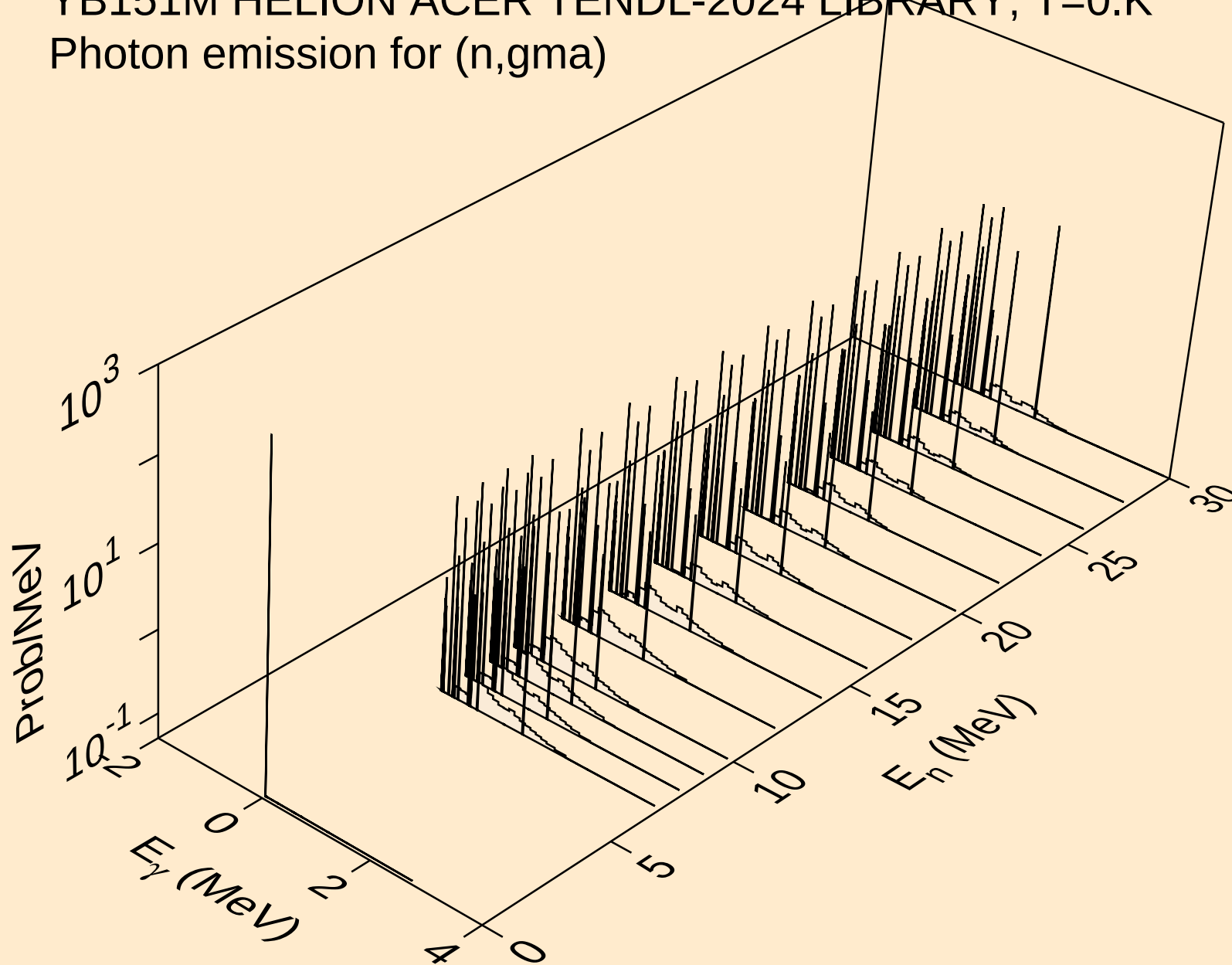
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



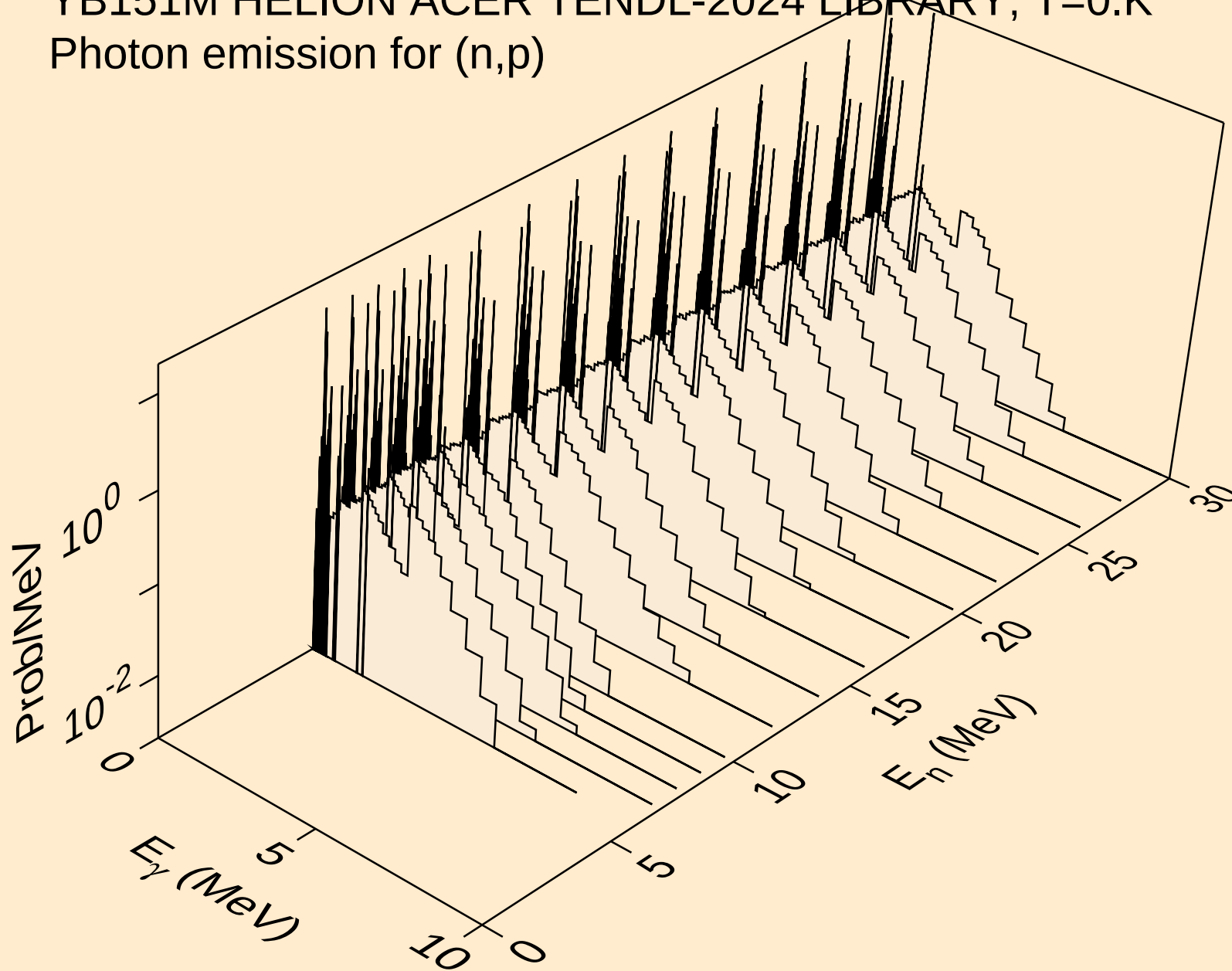
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



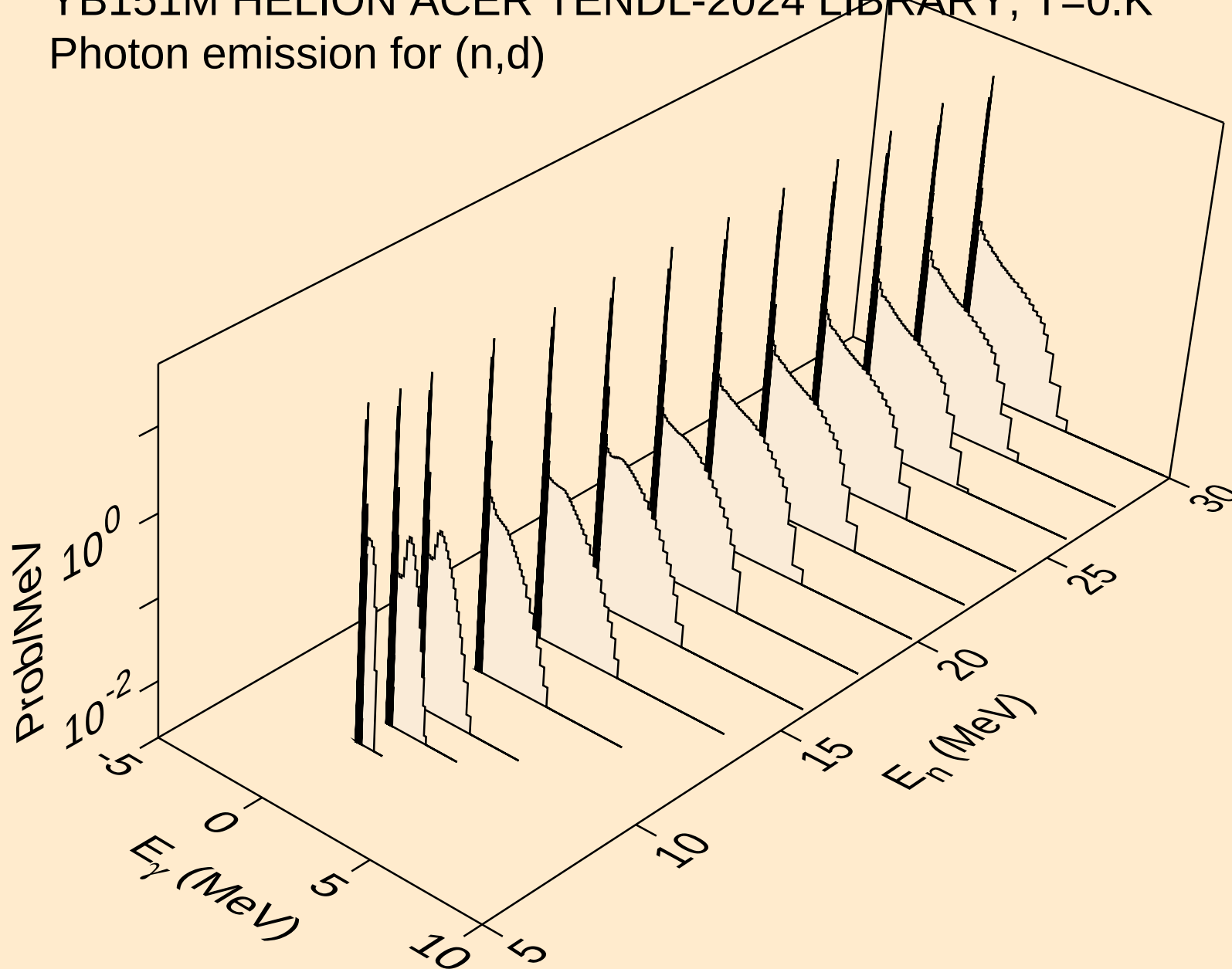
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



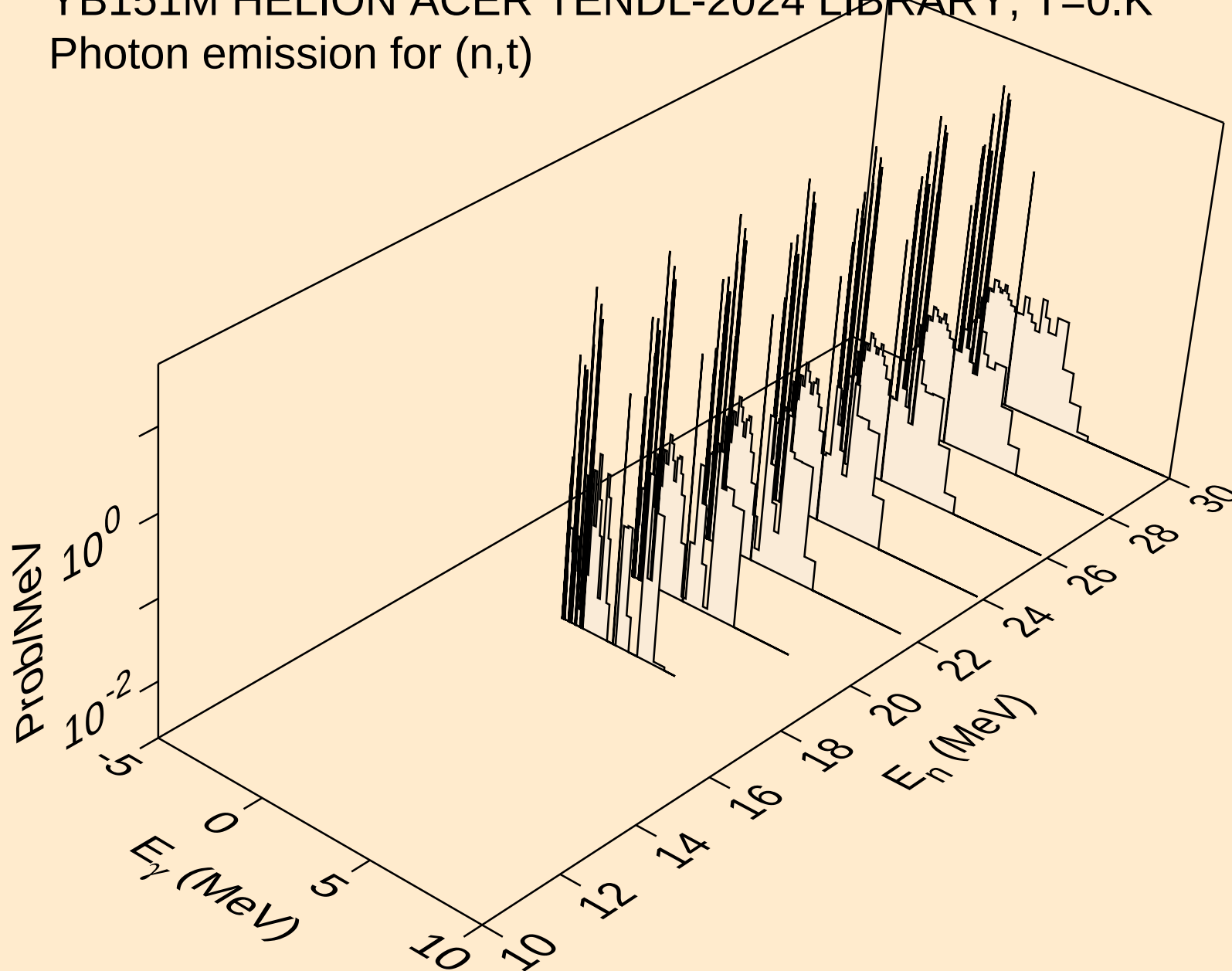
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



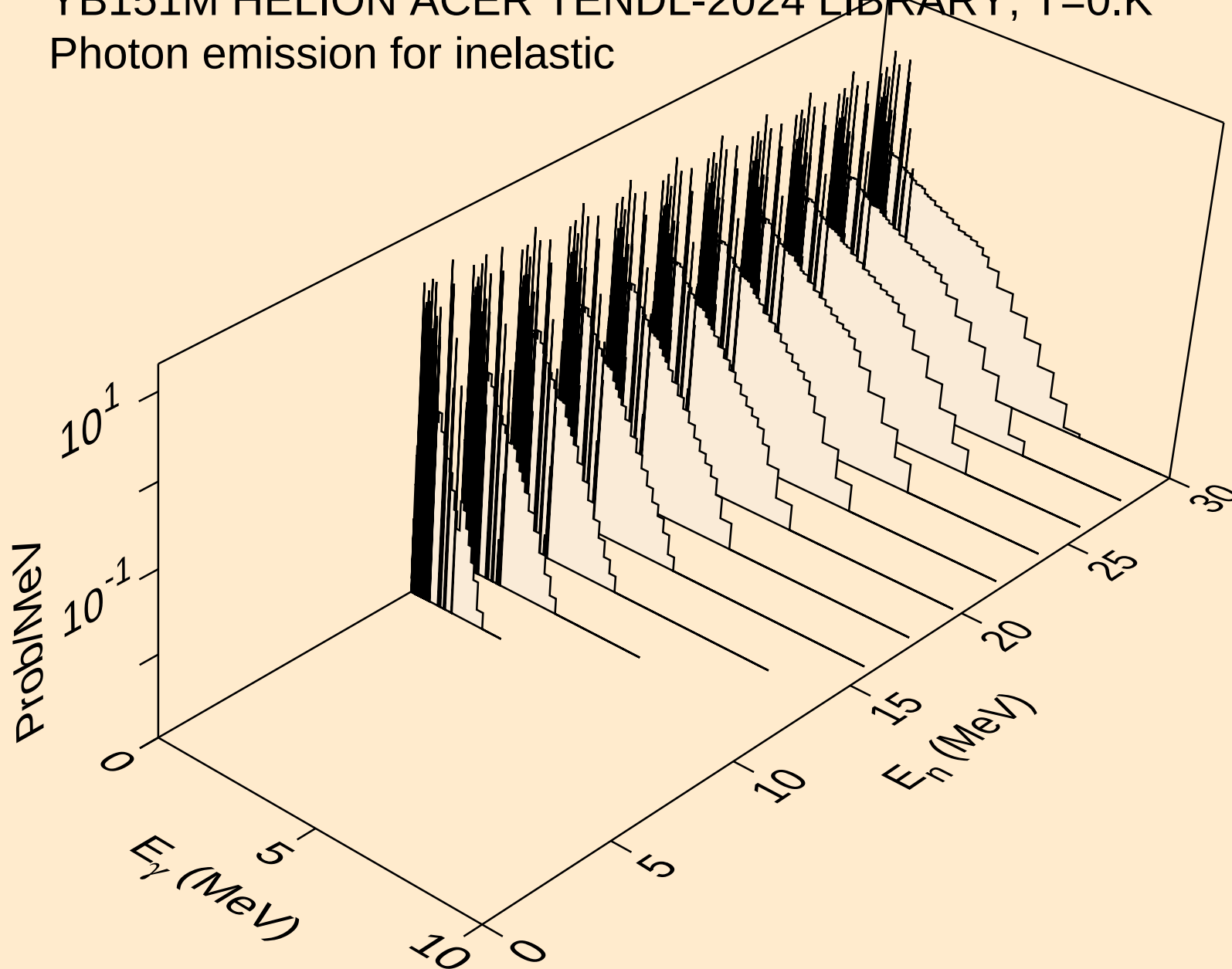
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Photon emission for (n,d)



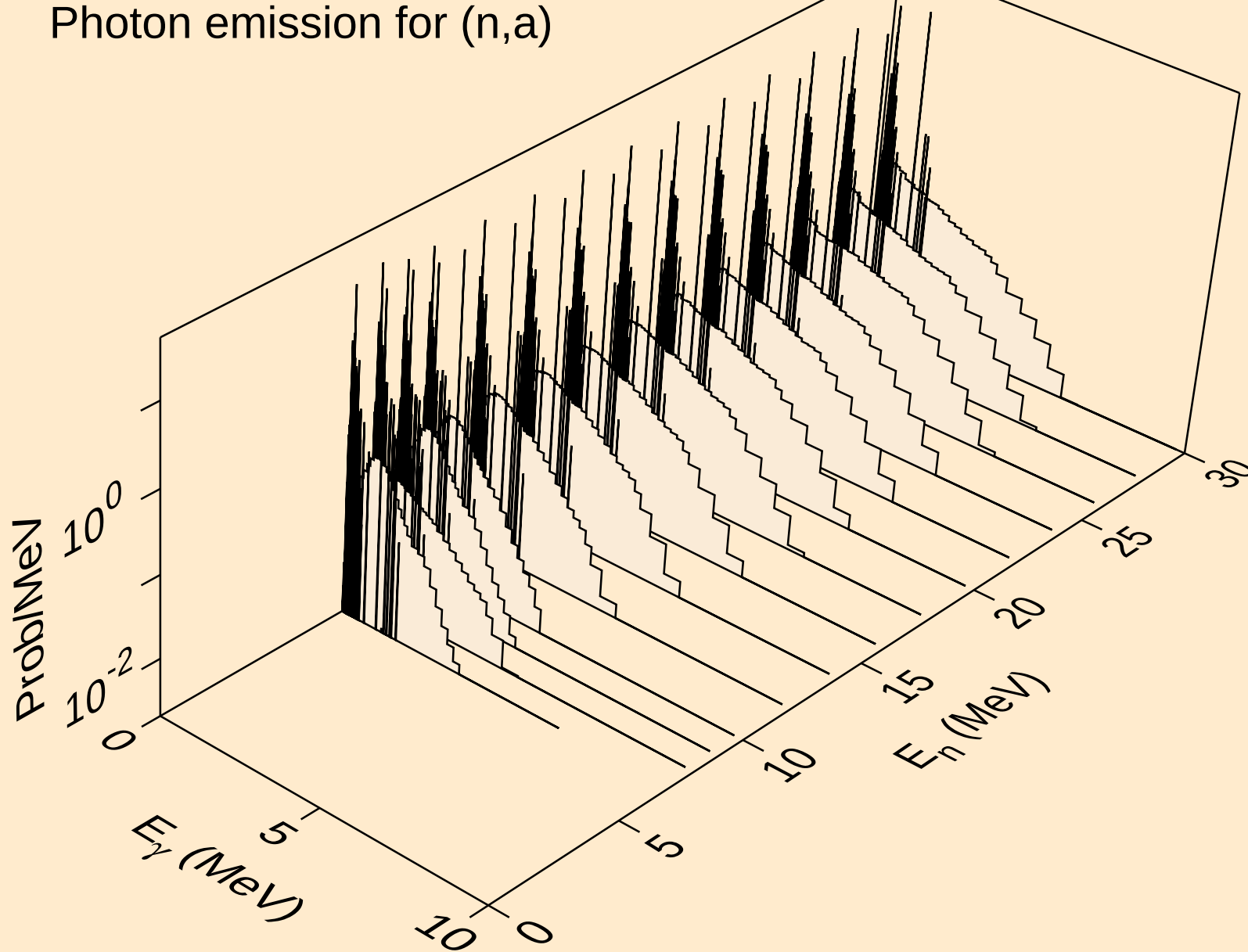
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic

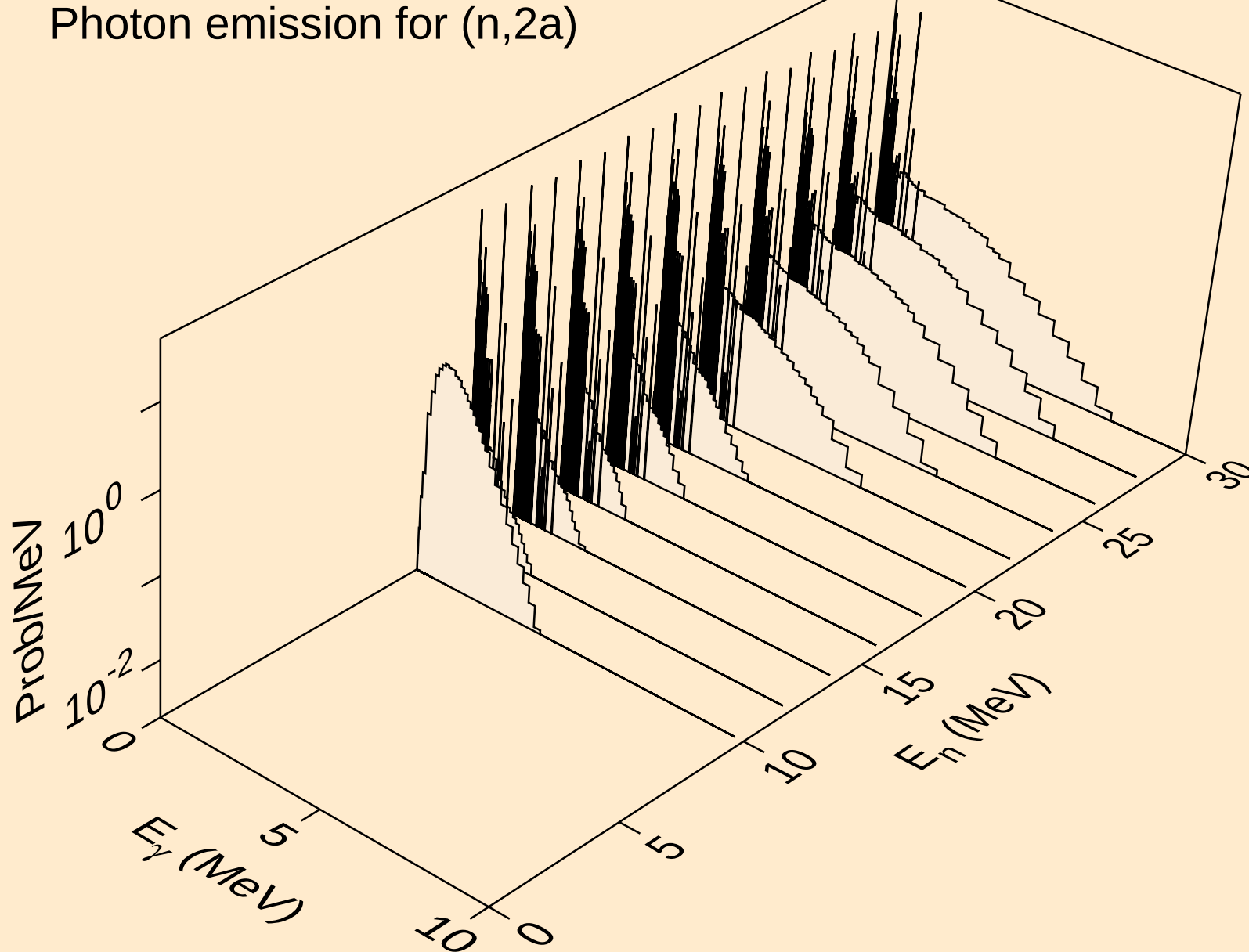


YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

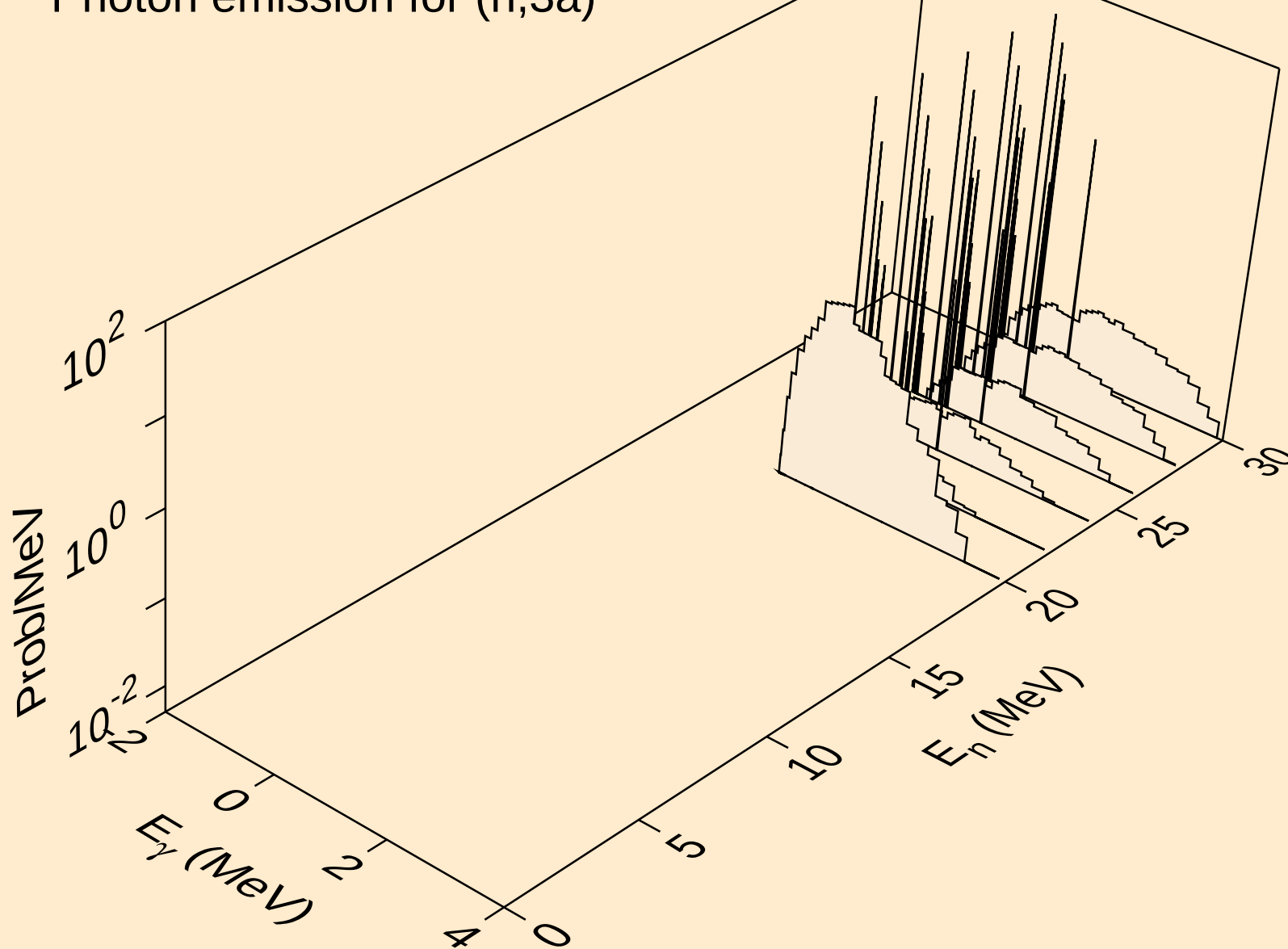




YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

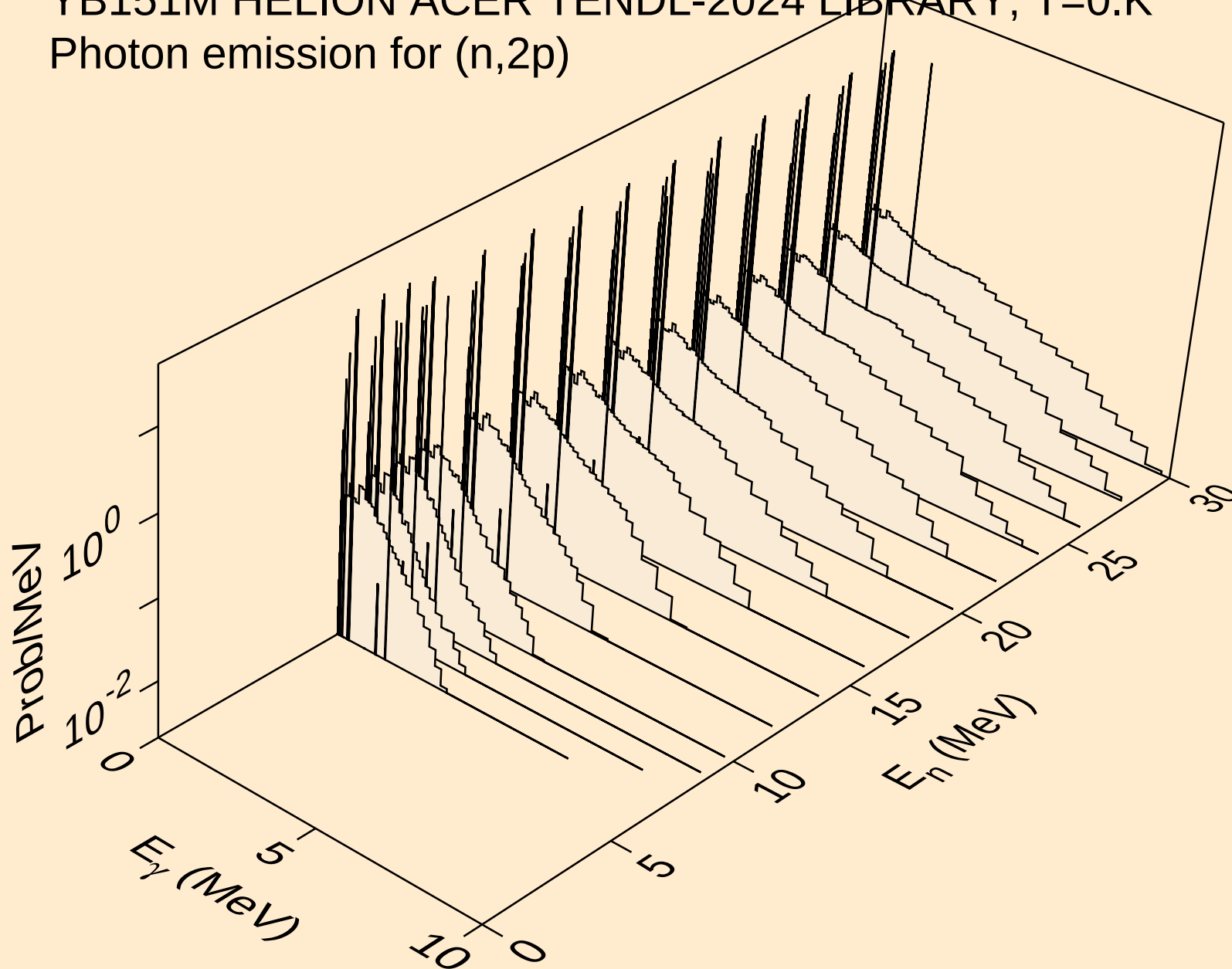


YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)

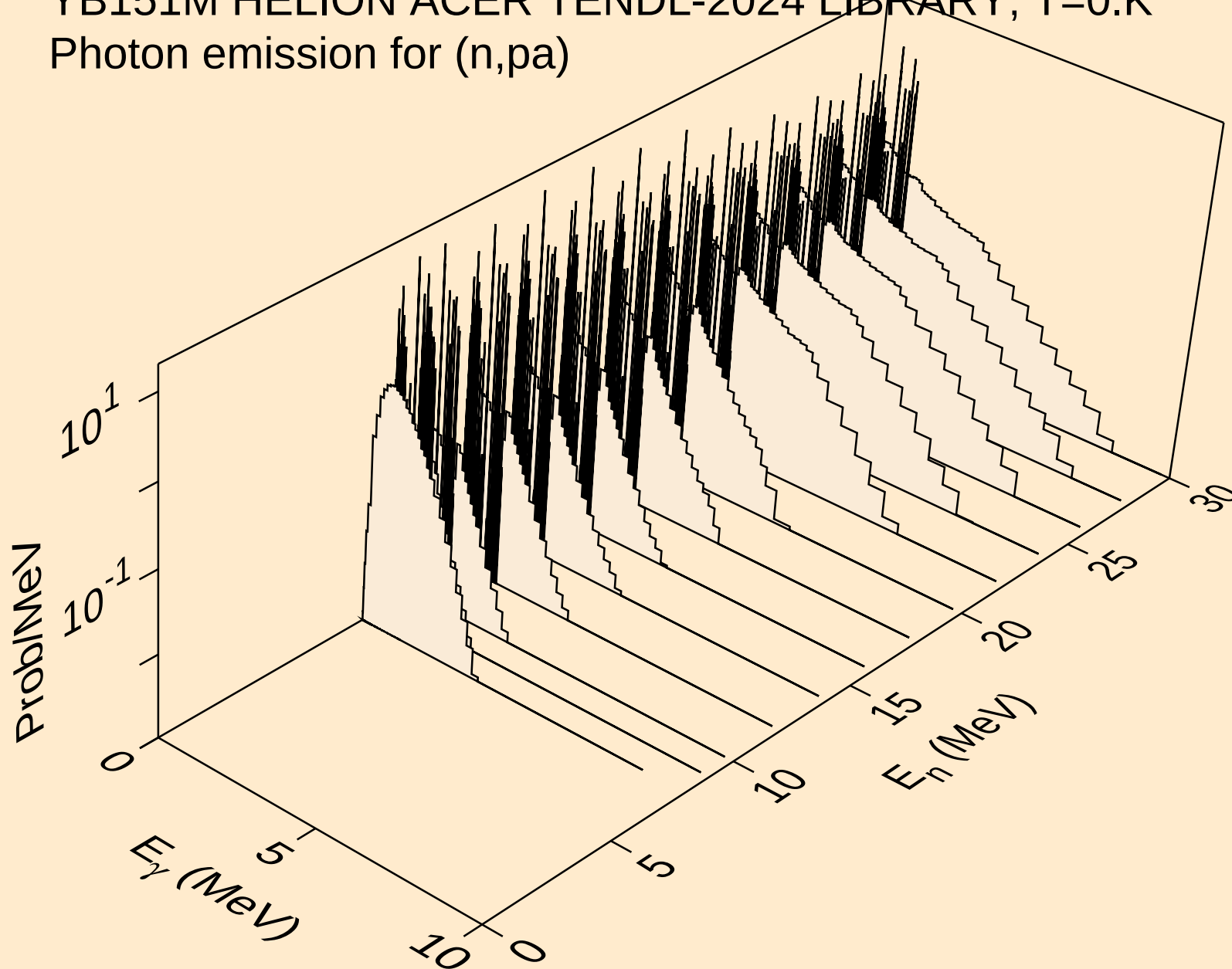


YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

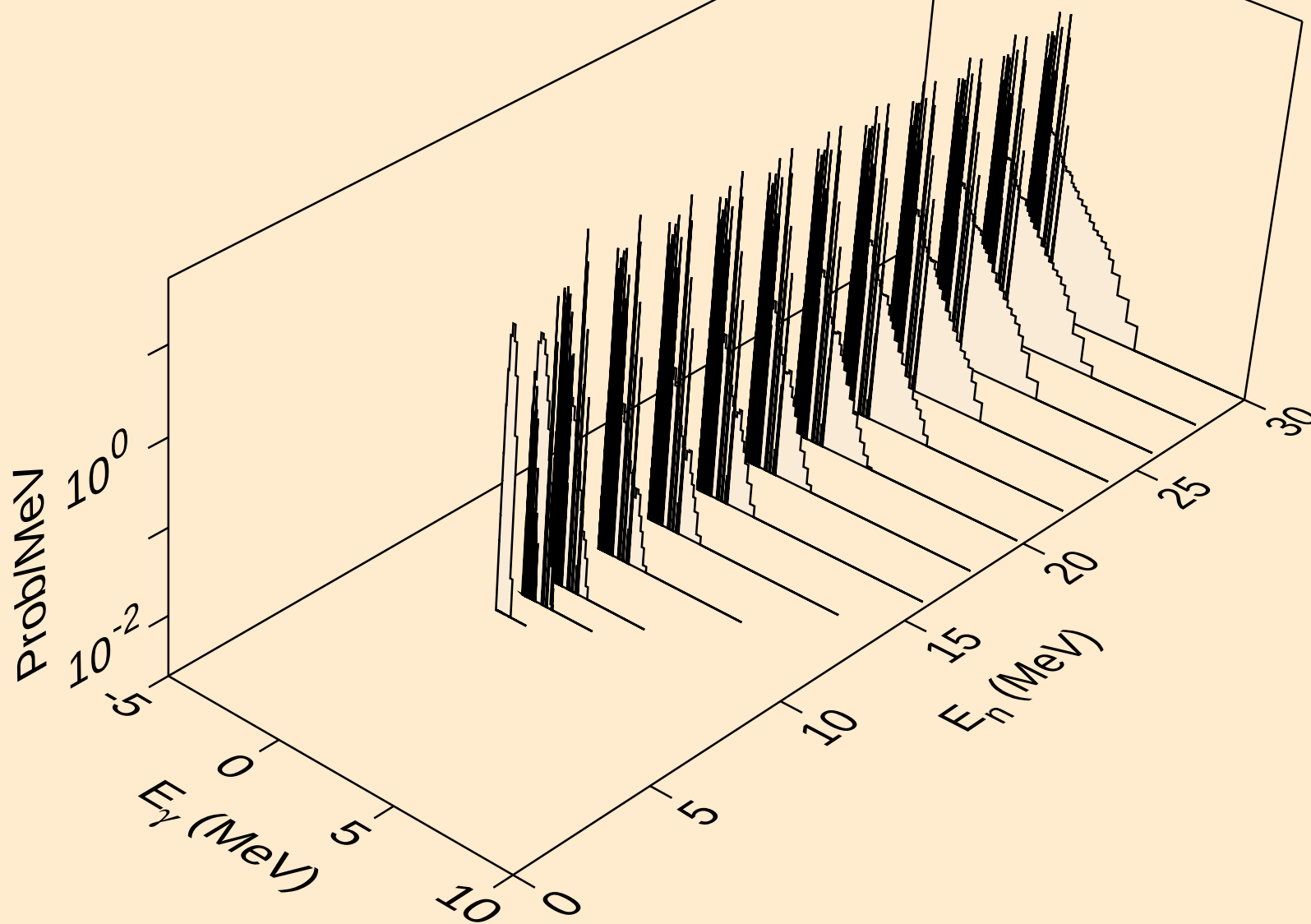
Photon emission for (n,2p)



YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

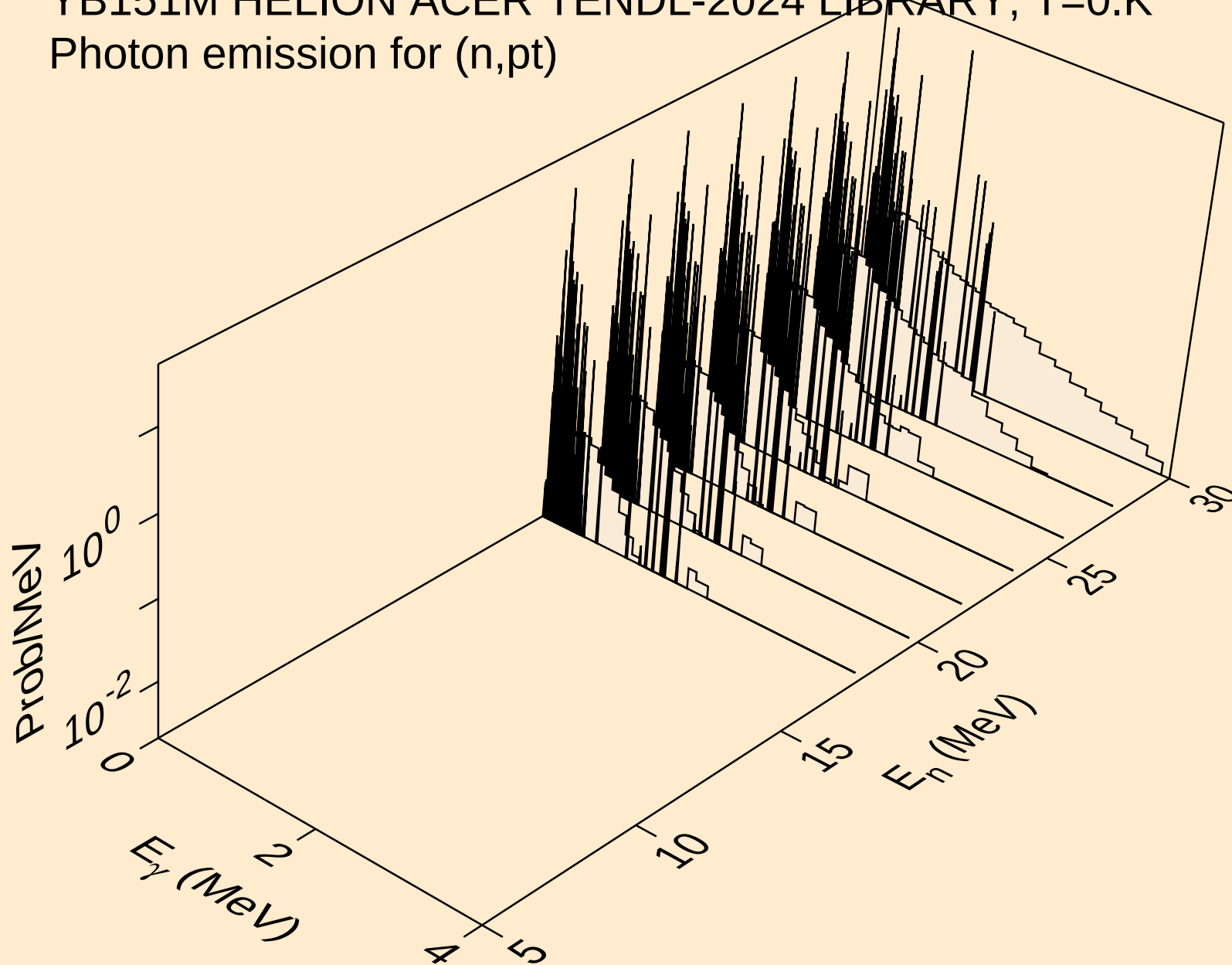


YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

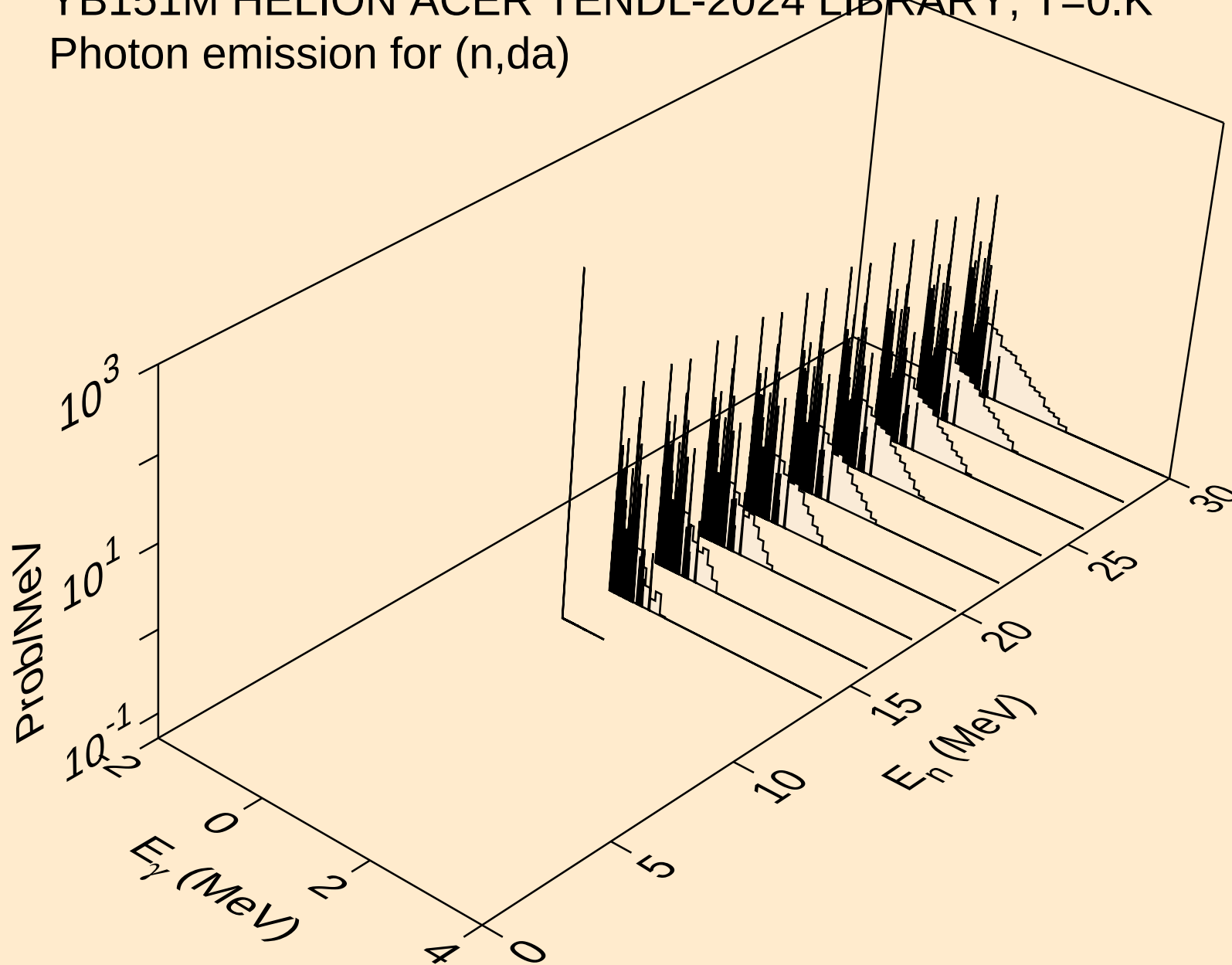


YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pt)

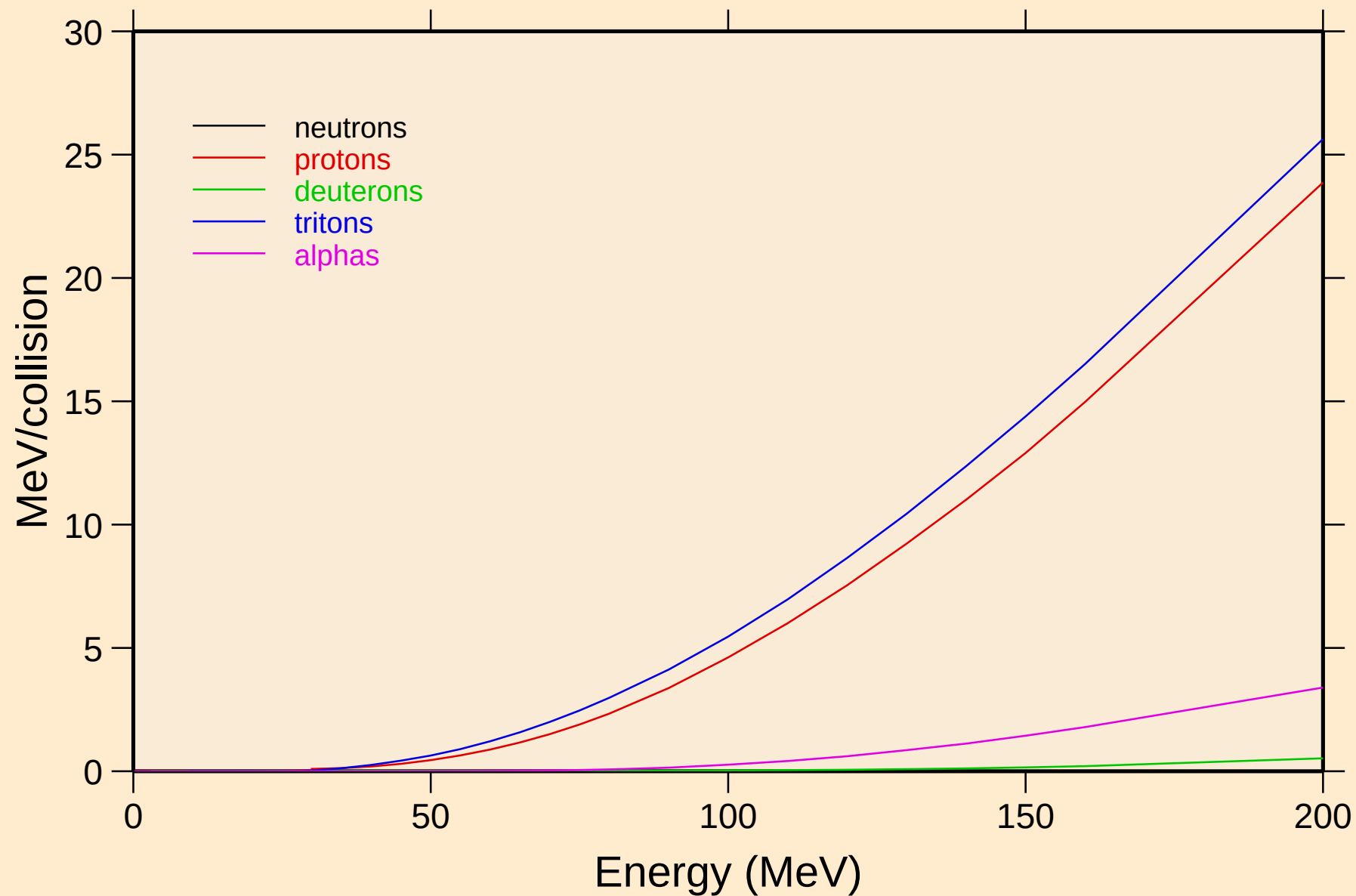


YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



# YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

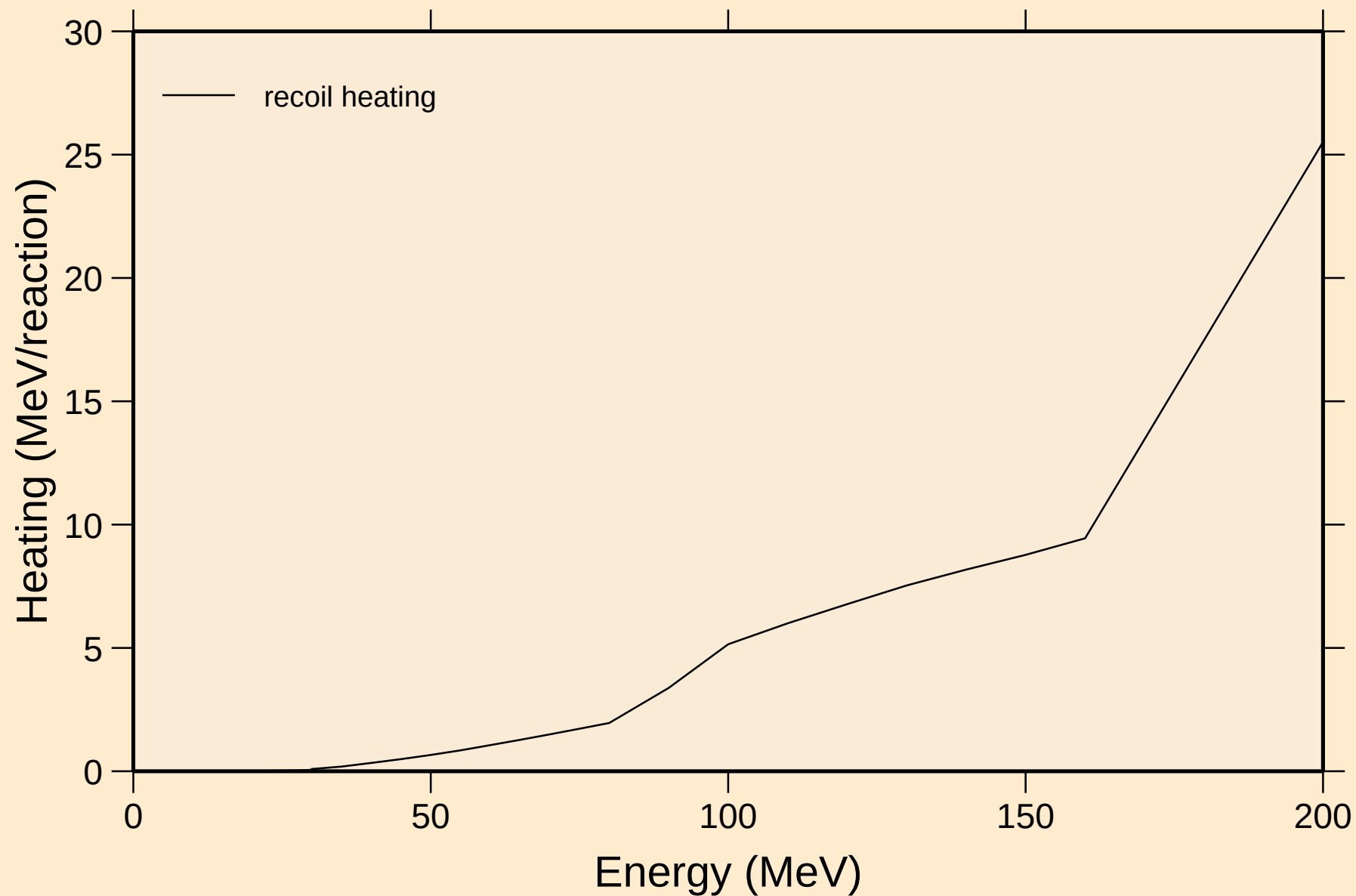
## Particle heating contributions





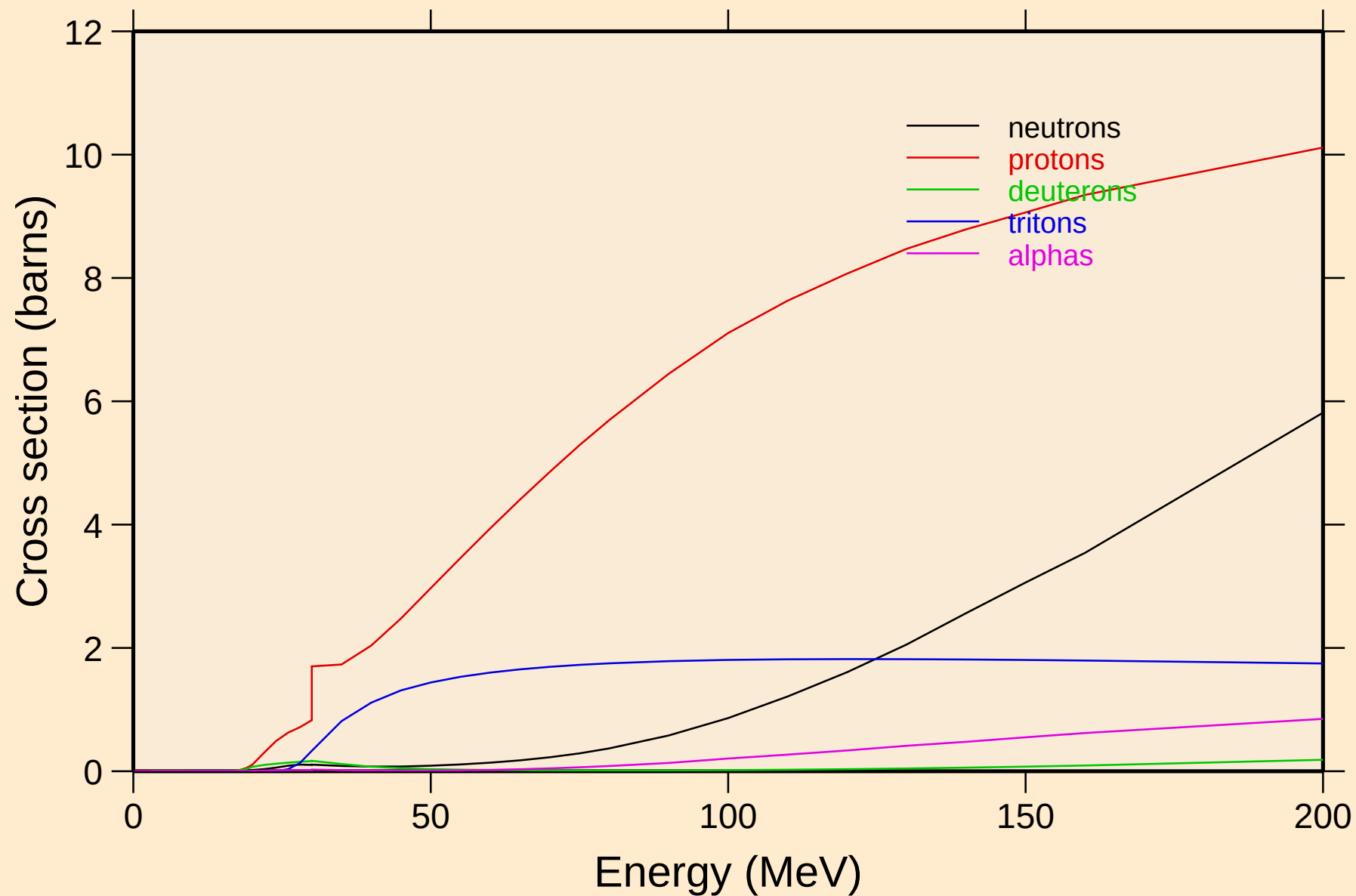
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

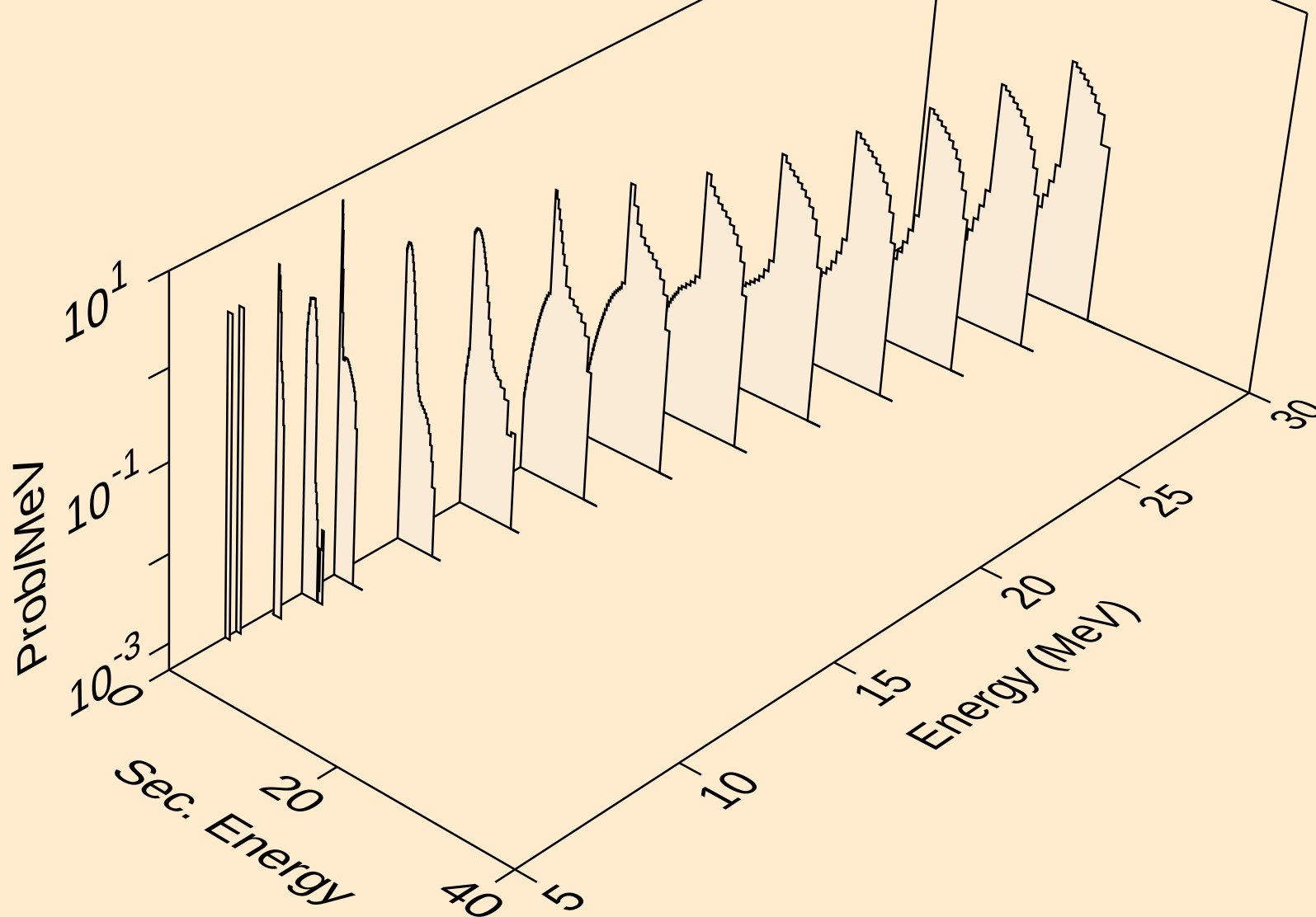


# YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K

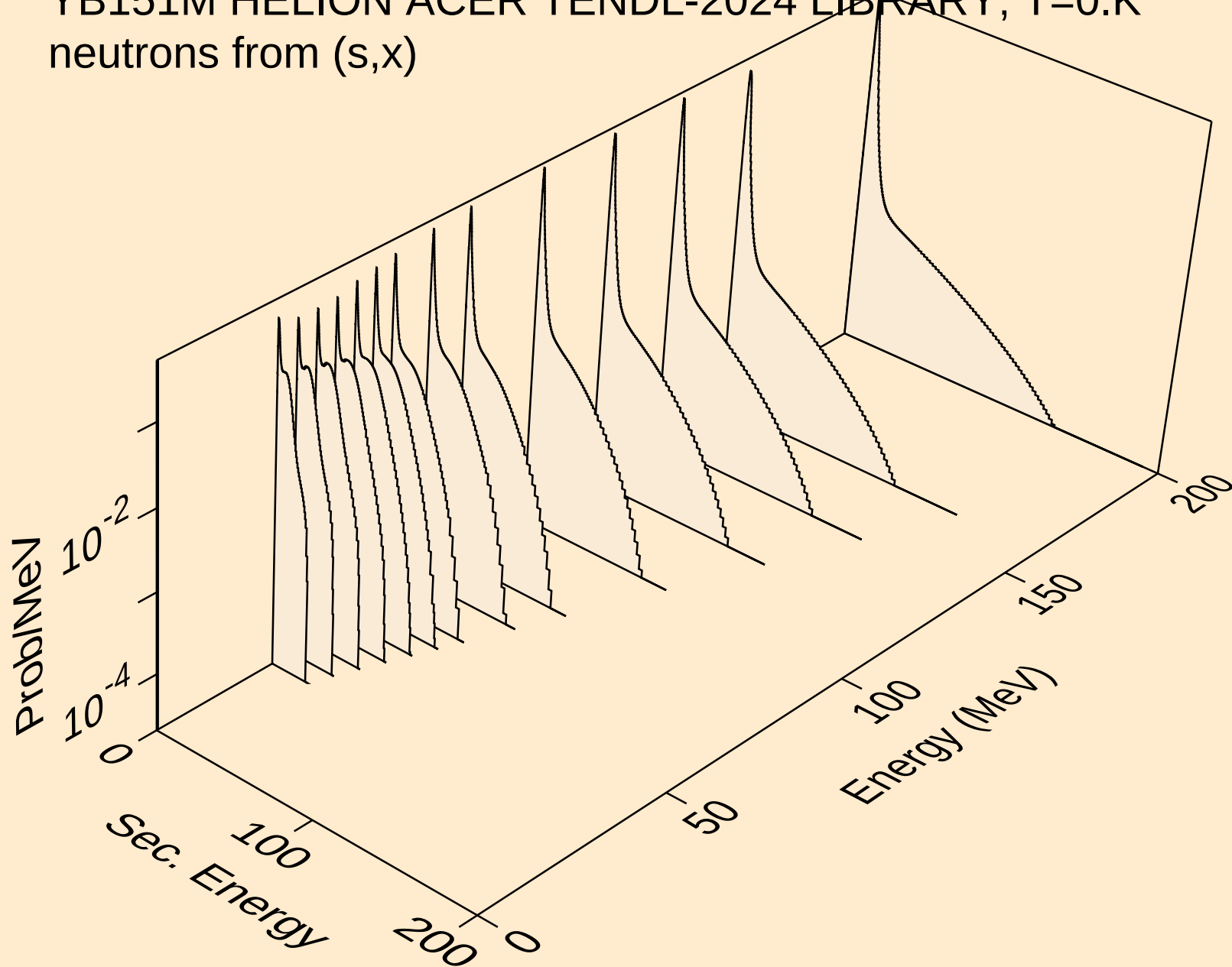
## Particle production cross sections



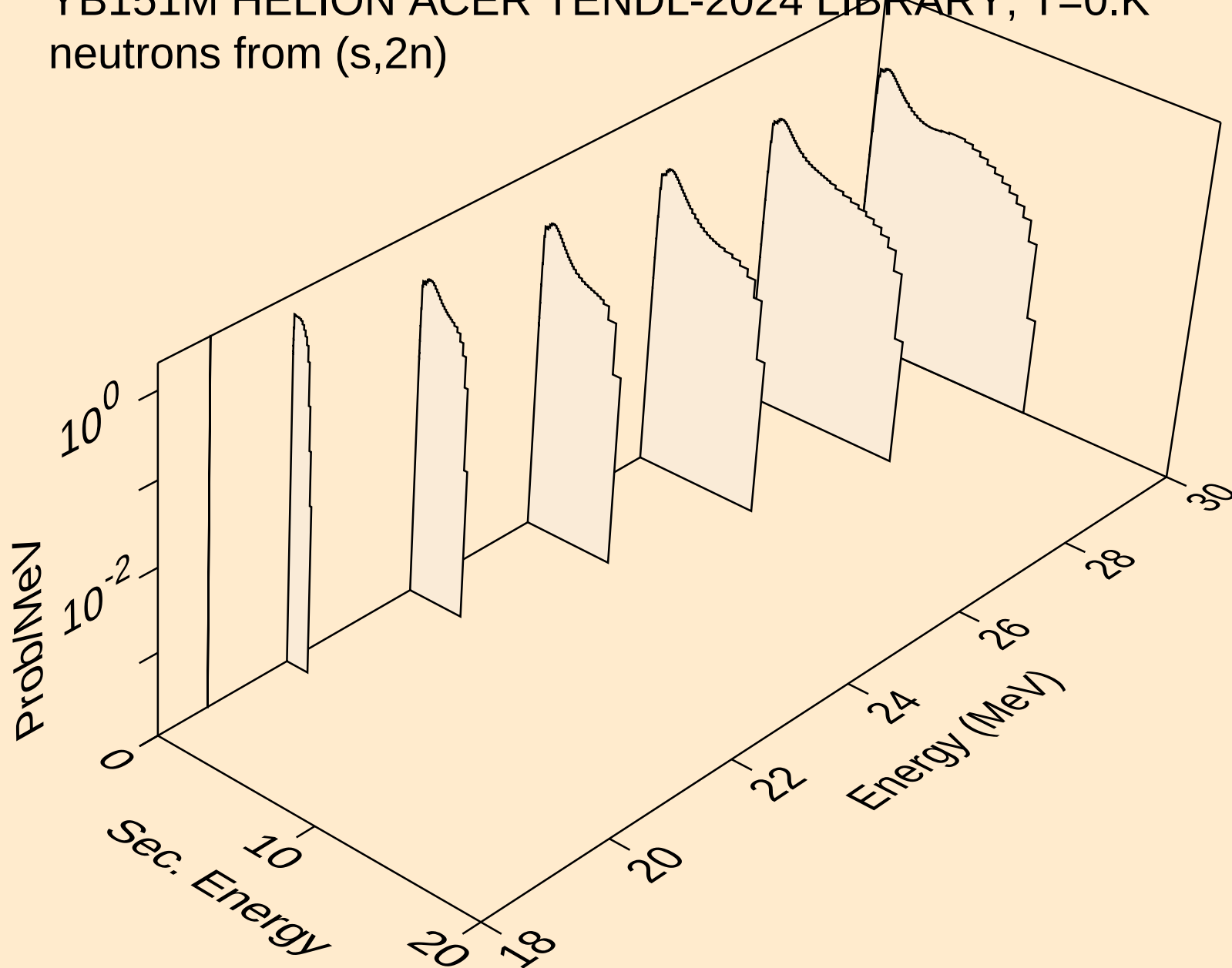
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n)



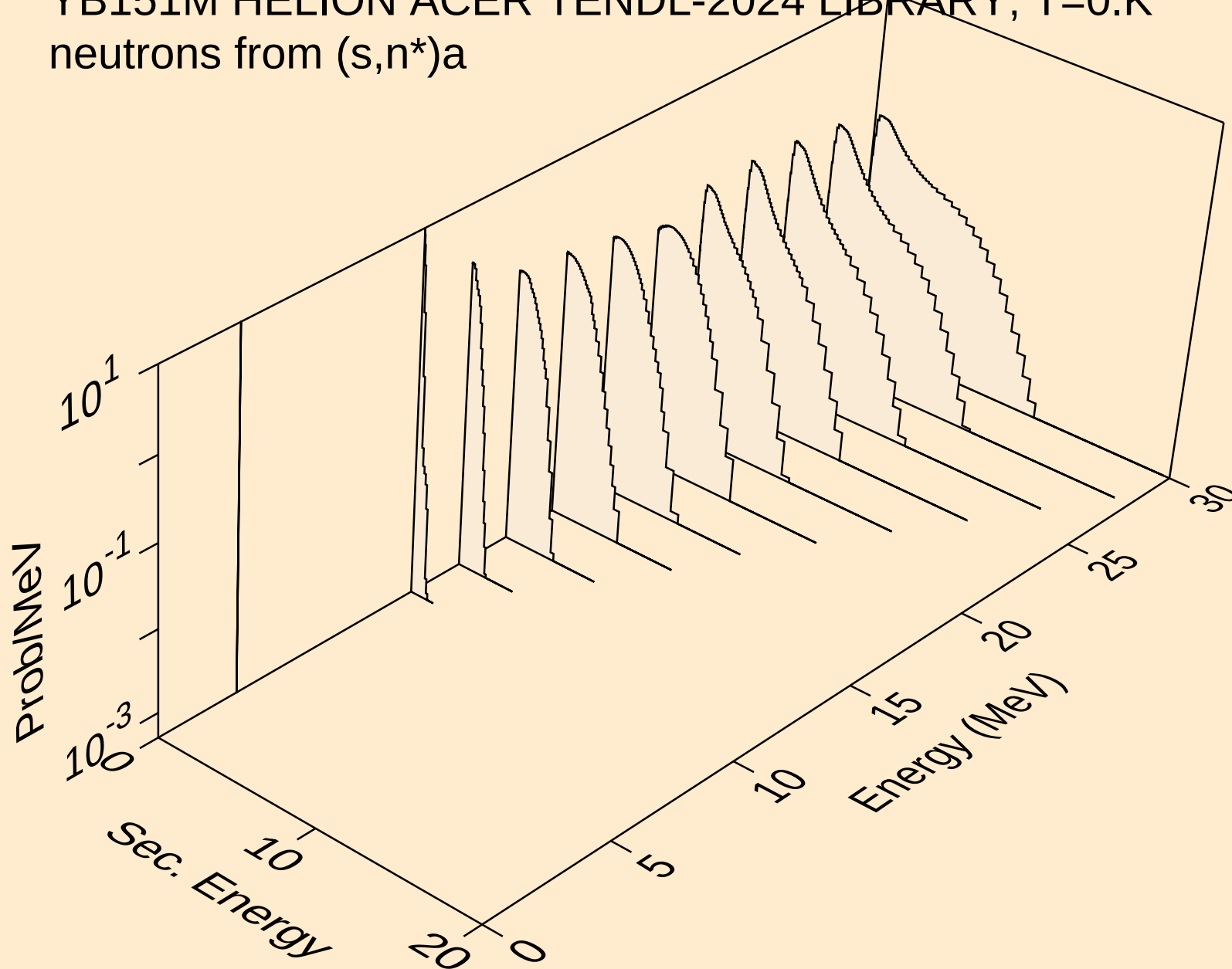
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neutrons from (s,x)



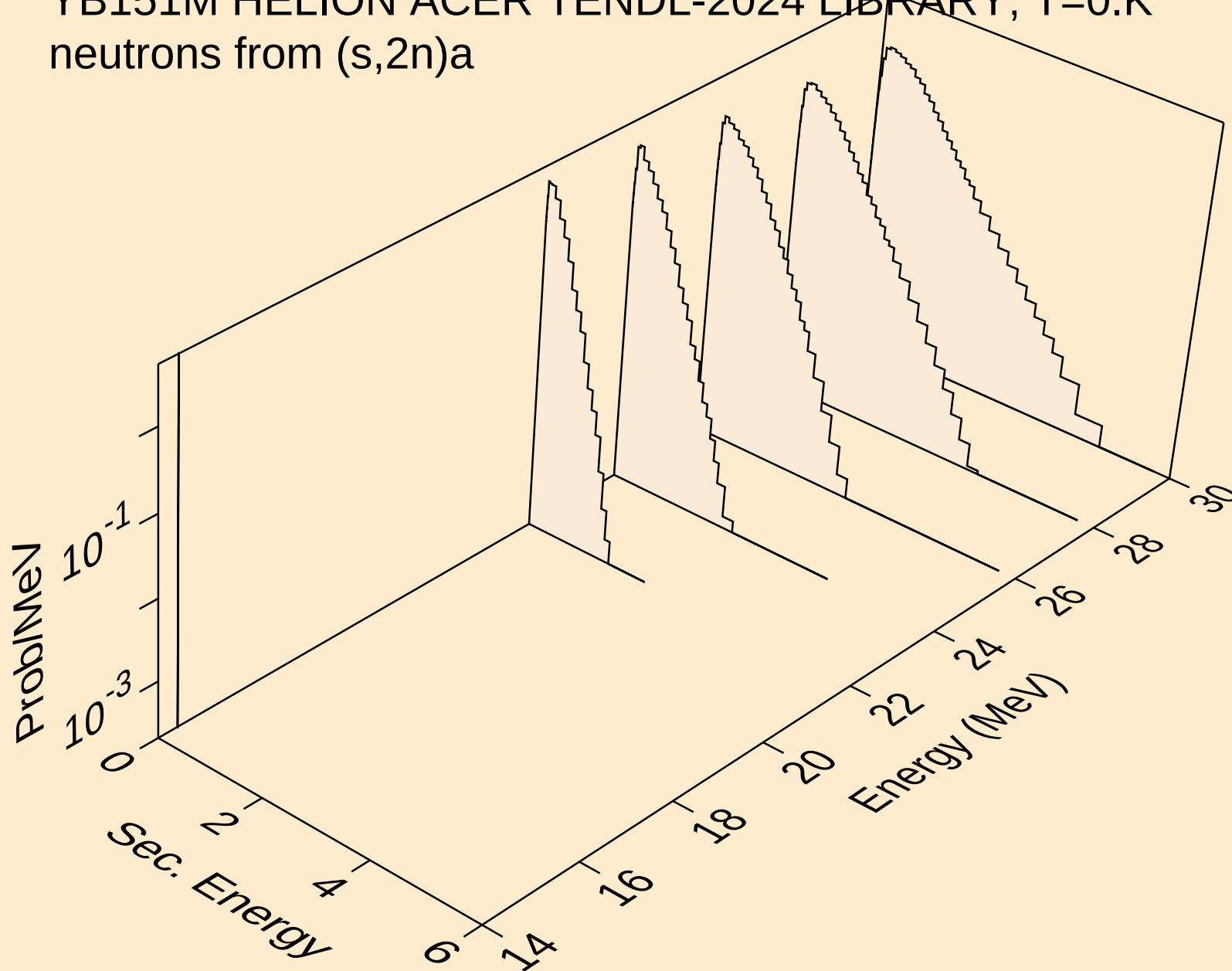
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)



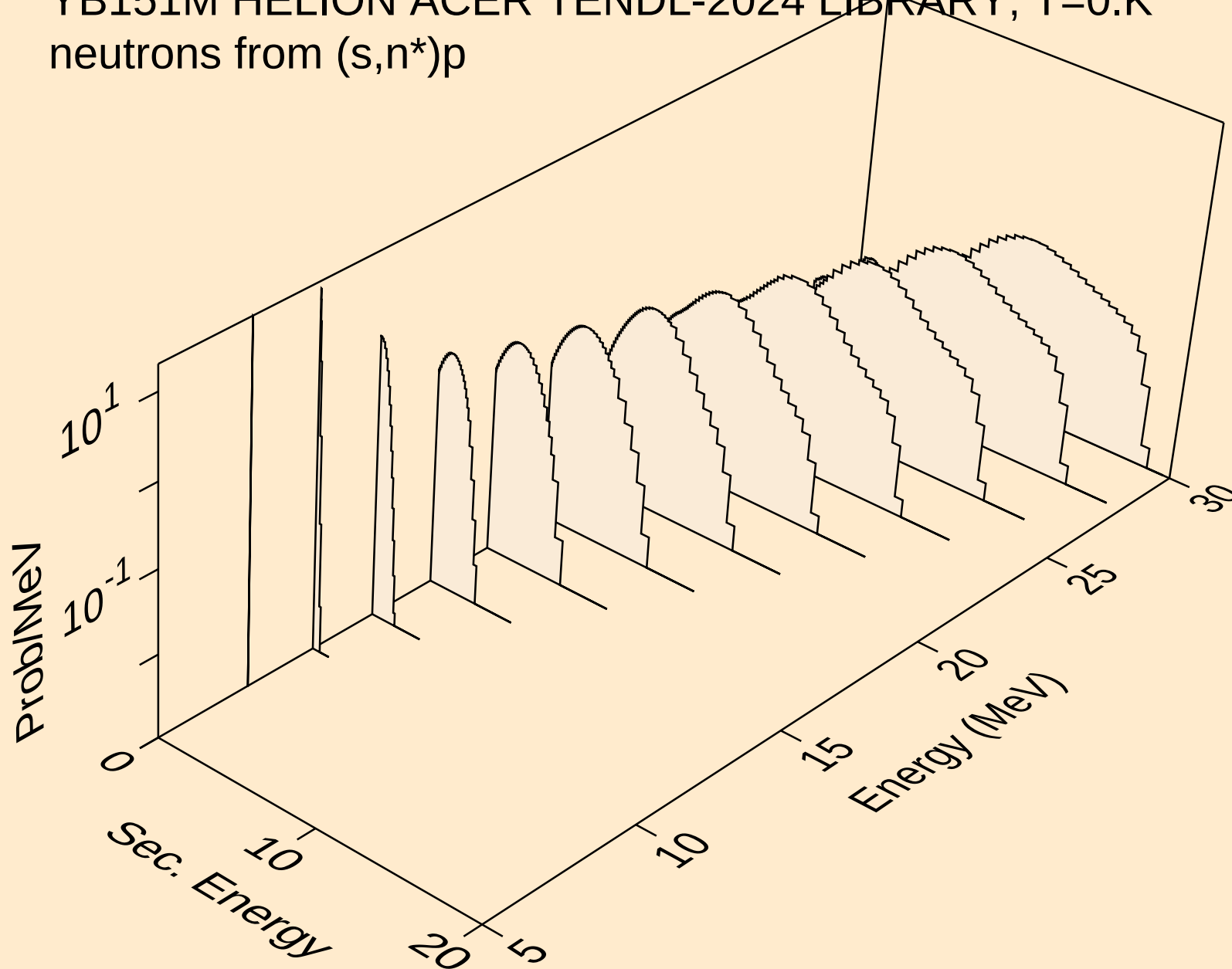
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)a



YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,2n)a

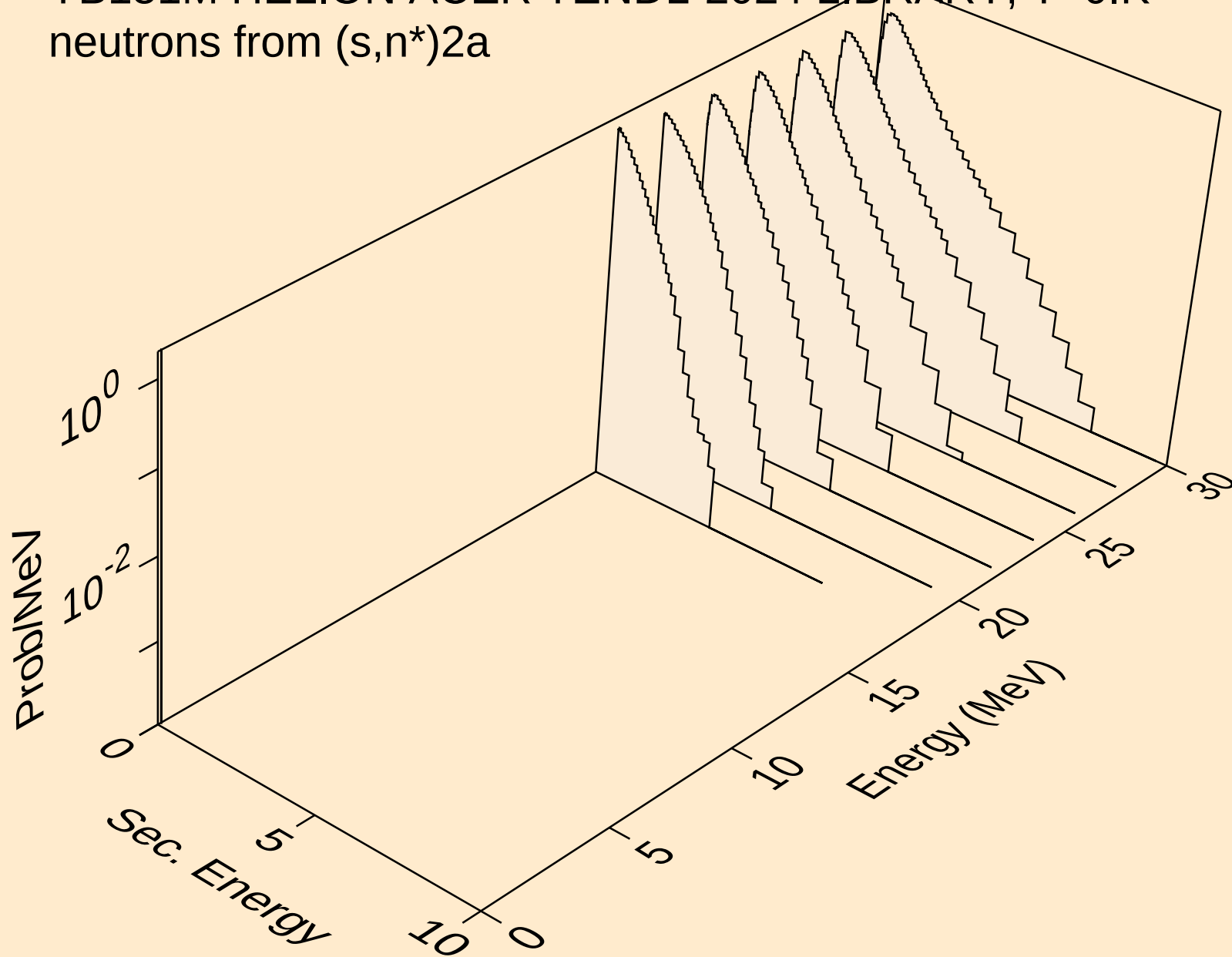


YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)p

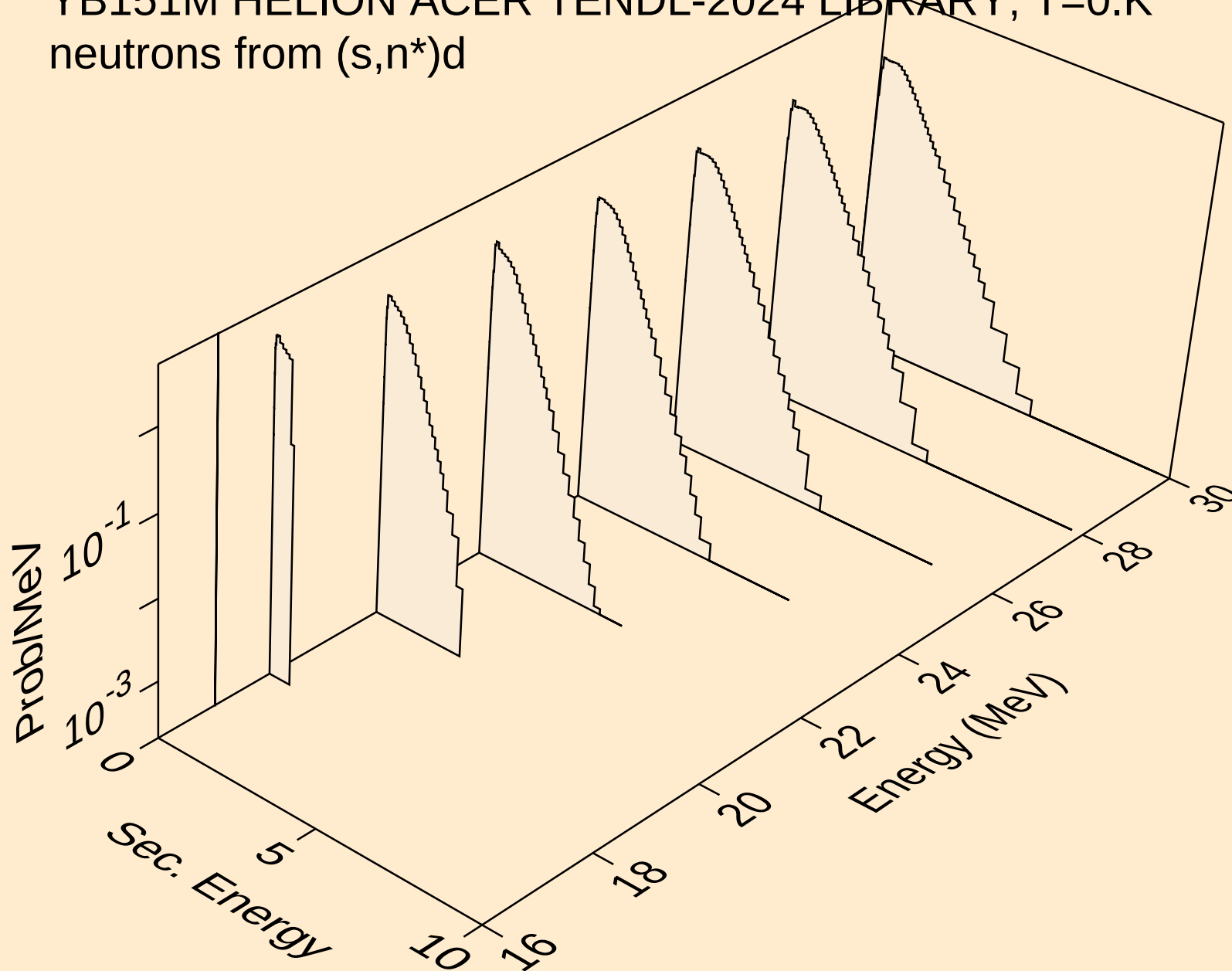




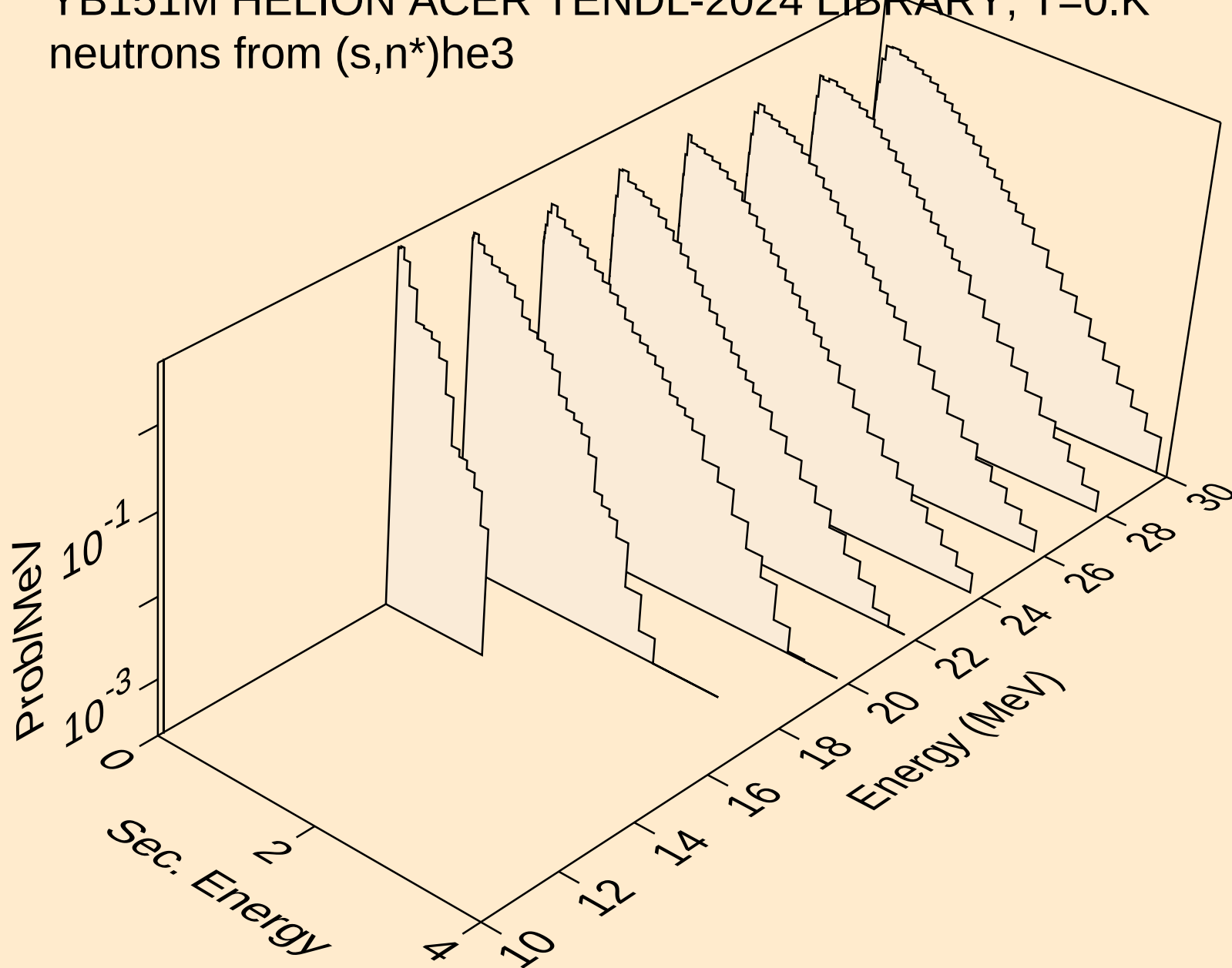
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neutrons from (s,n\*)2a



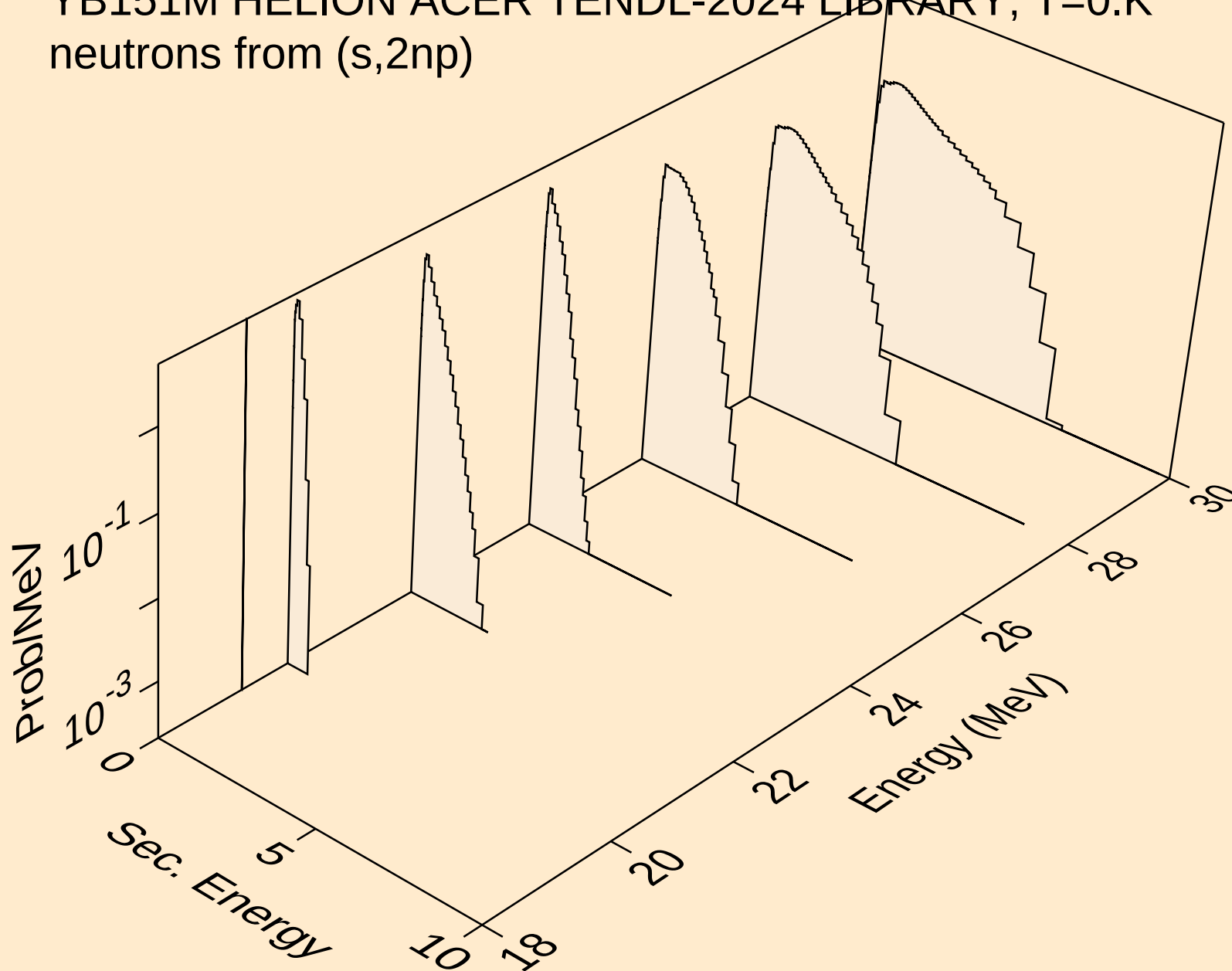
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neutrons from (s,n\*)d



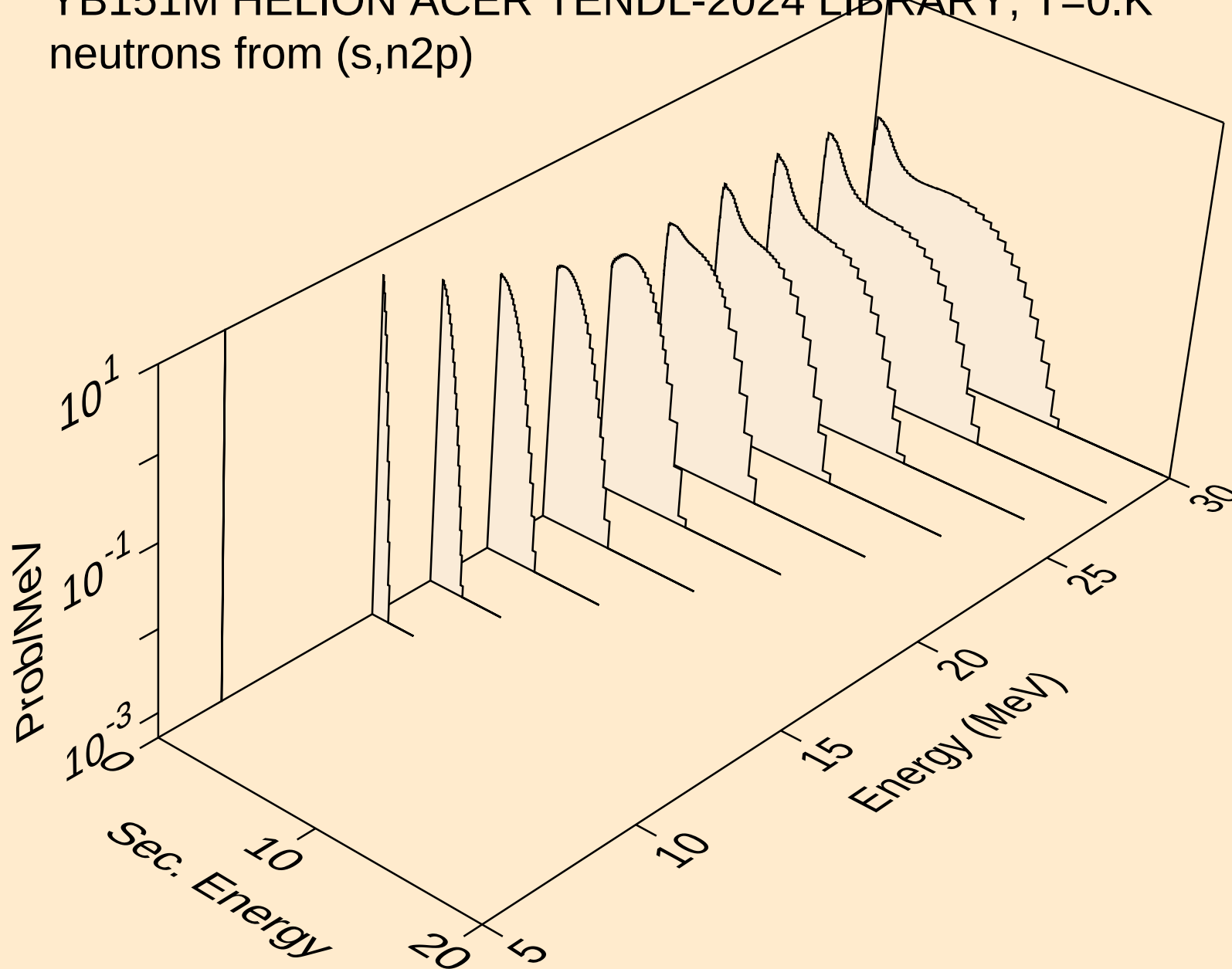
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



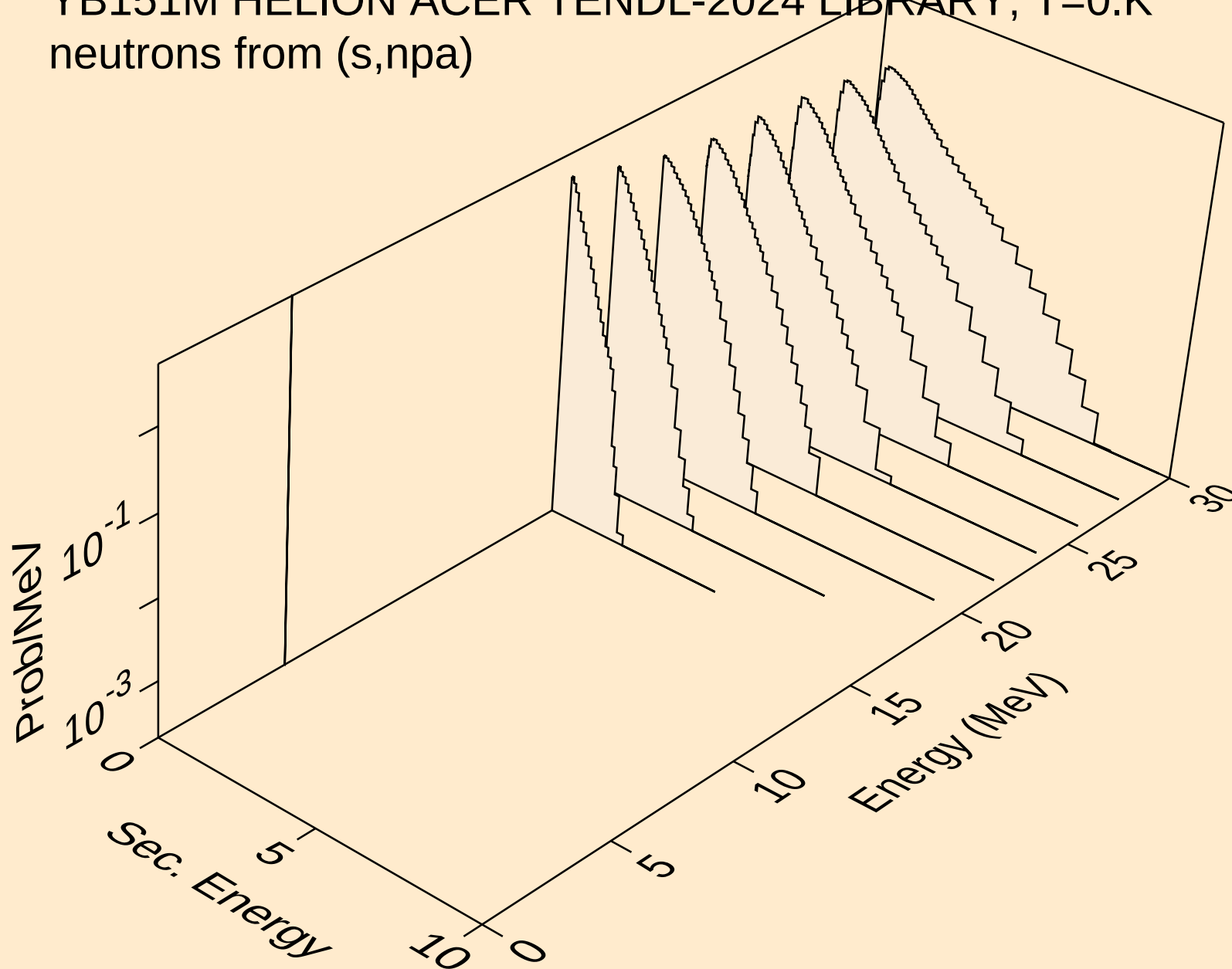
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neutrons from (s,2np)



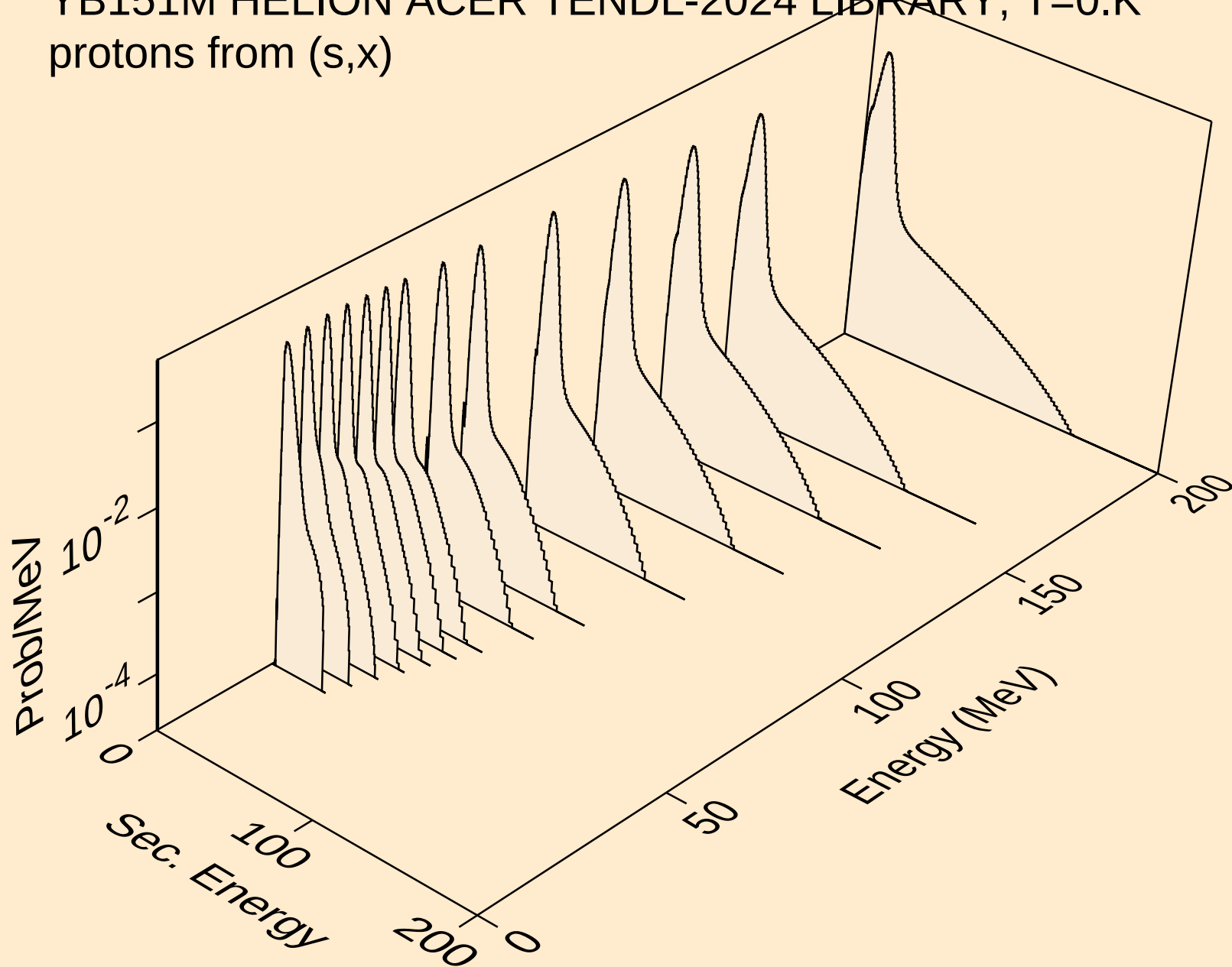
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neutrons from (s,n2p)



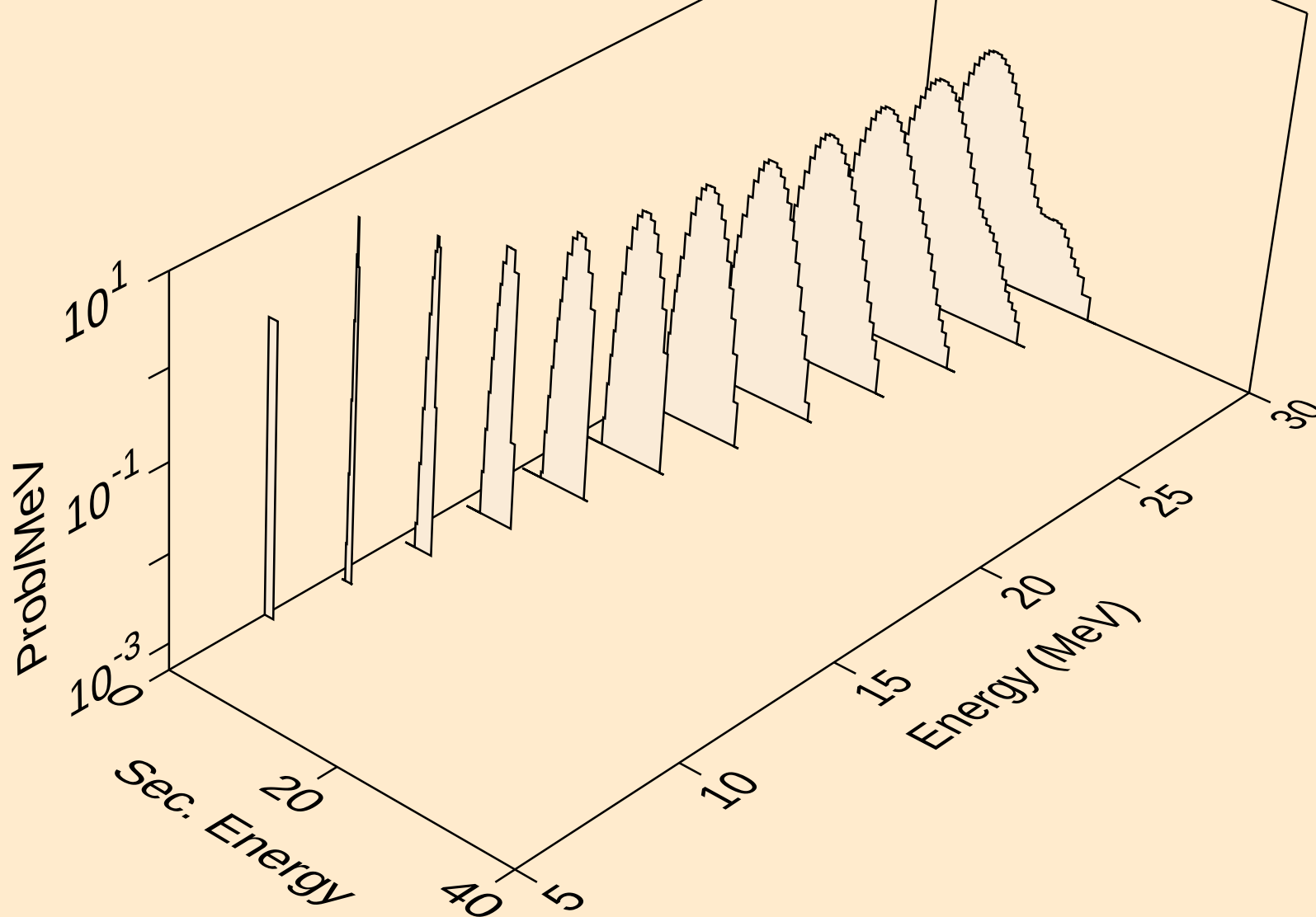
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (s,npa)



YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,x)

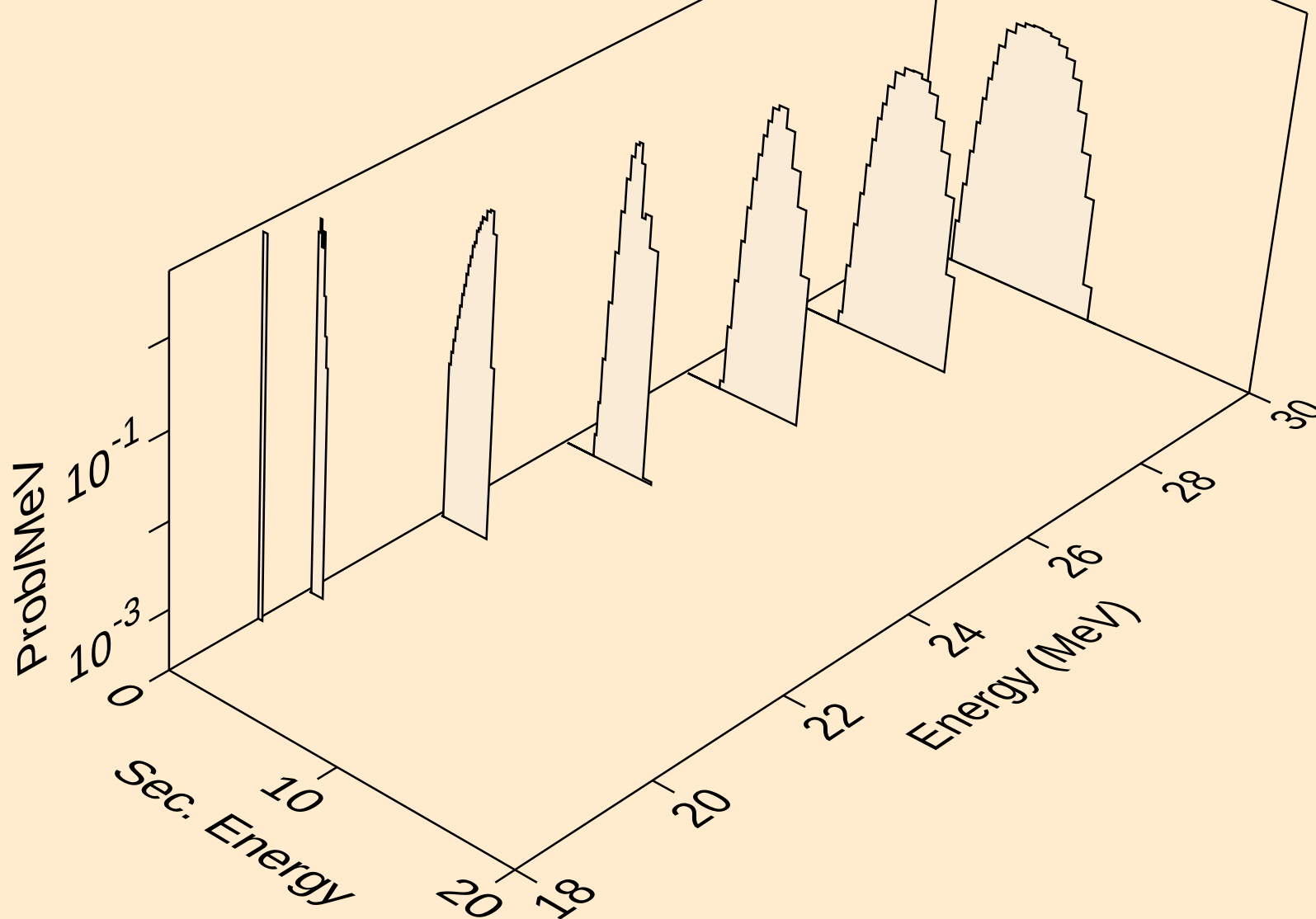


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protons from (s,n\*)p

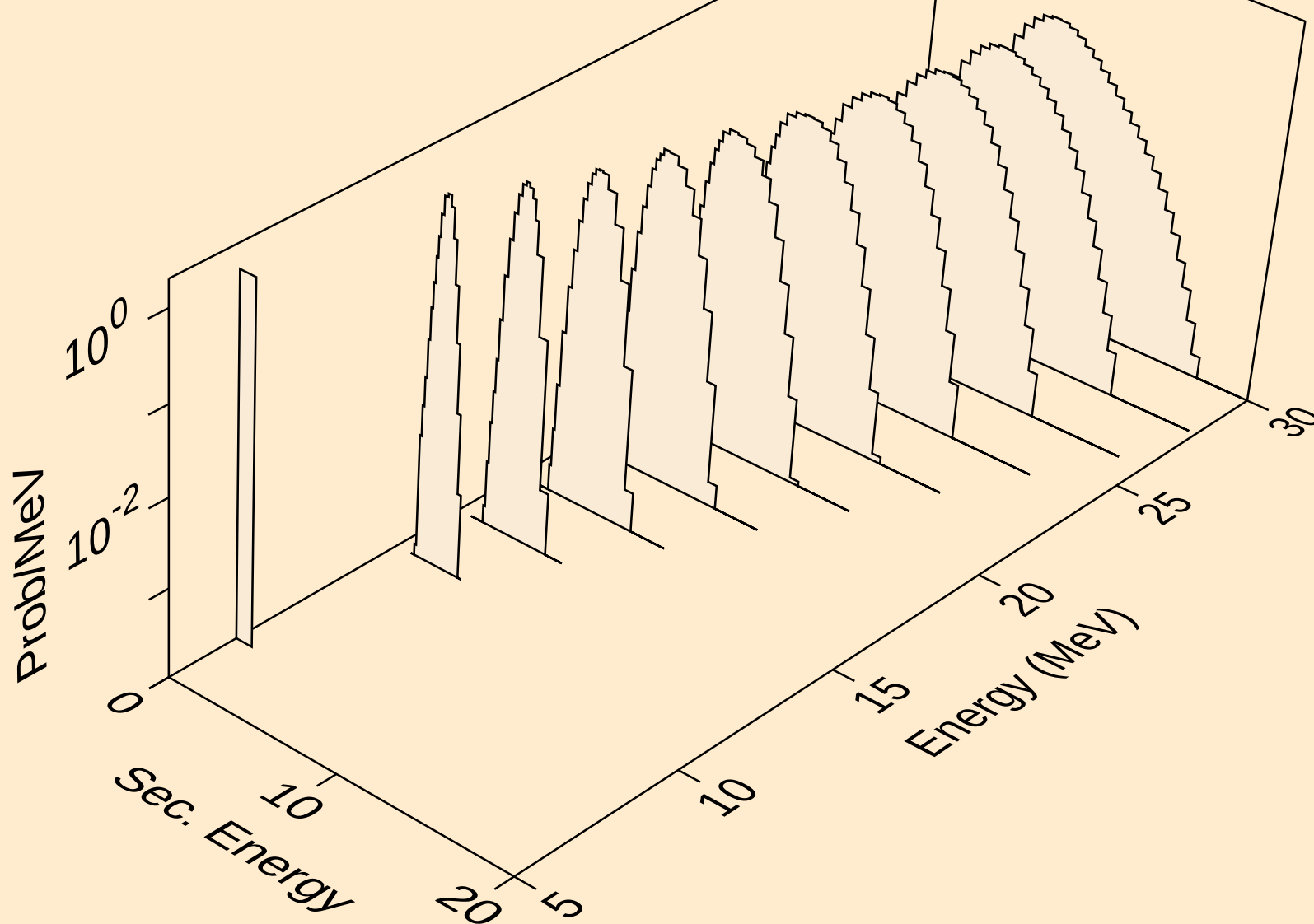




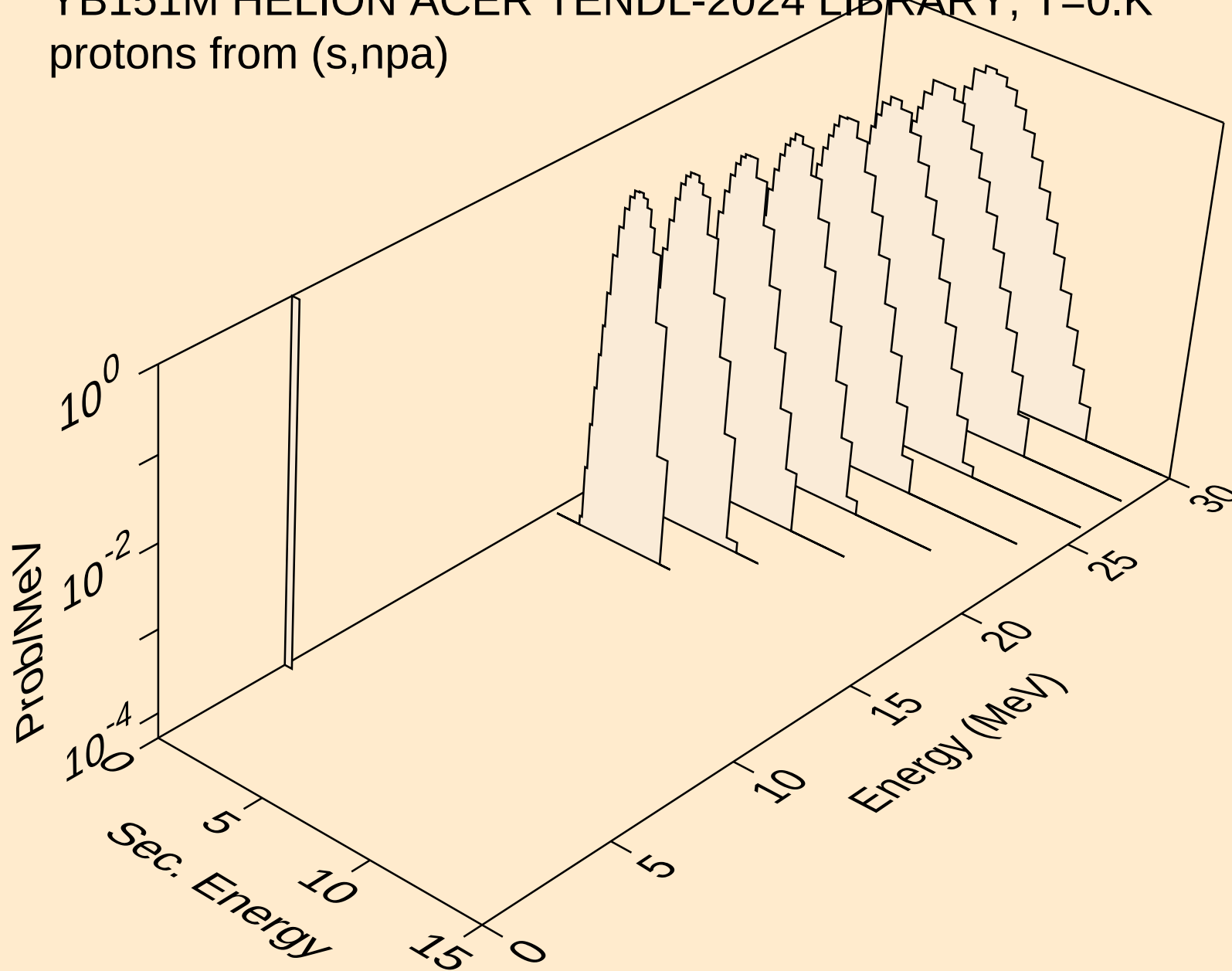
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protons from (s,2np)



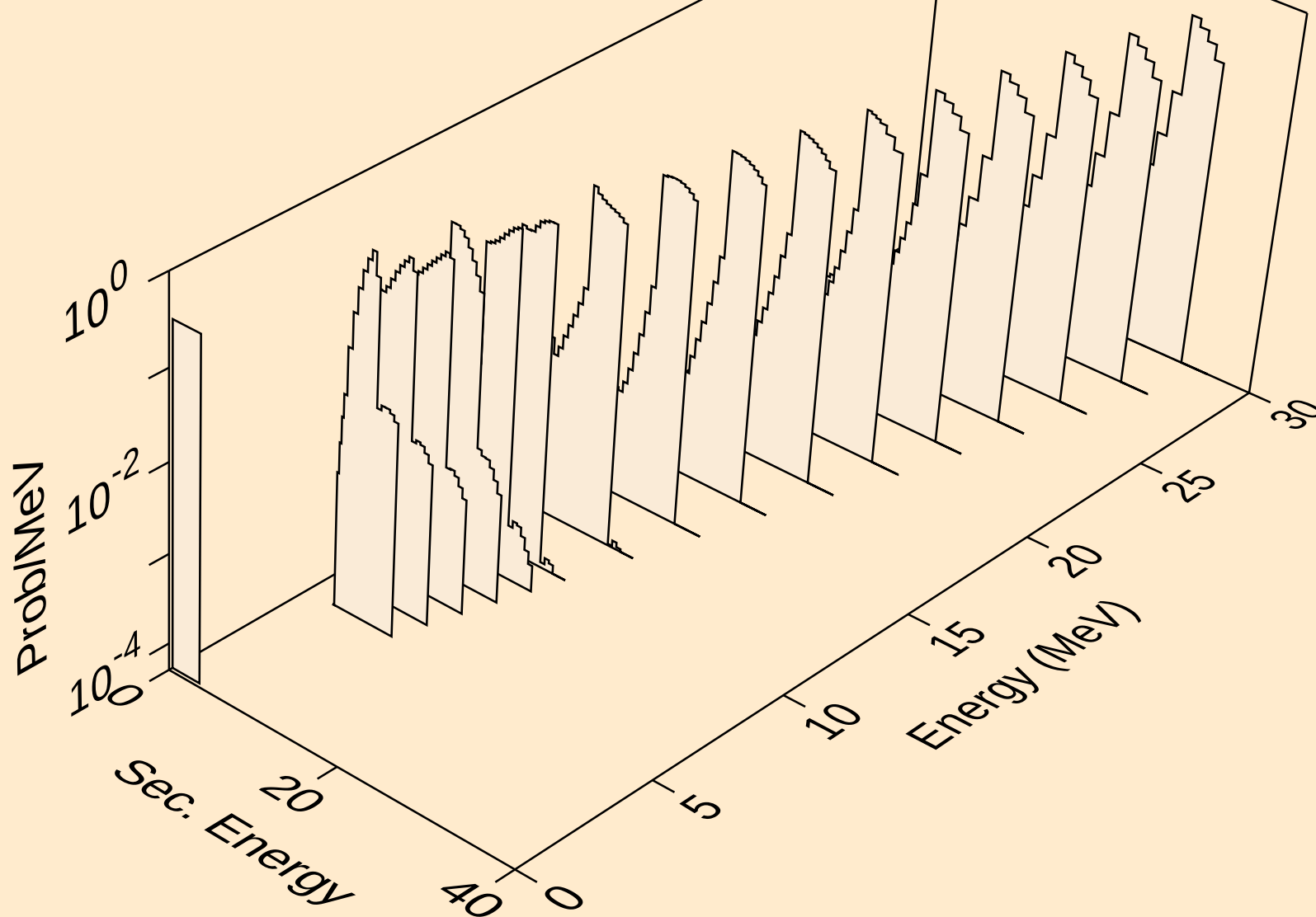
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,n2p)



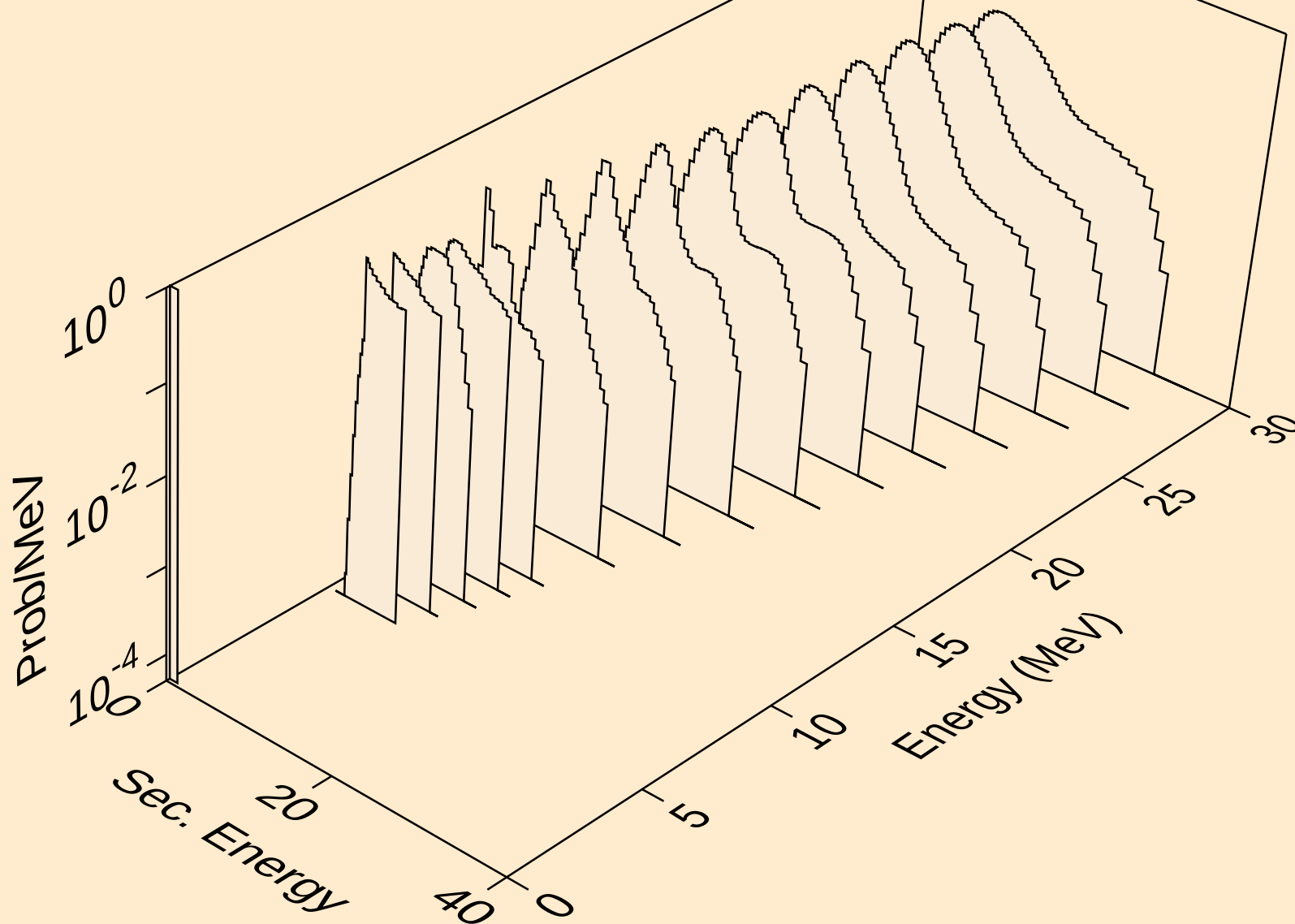
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protons from (s,npa)



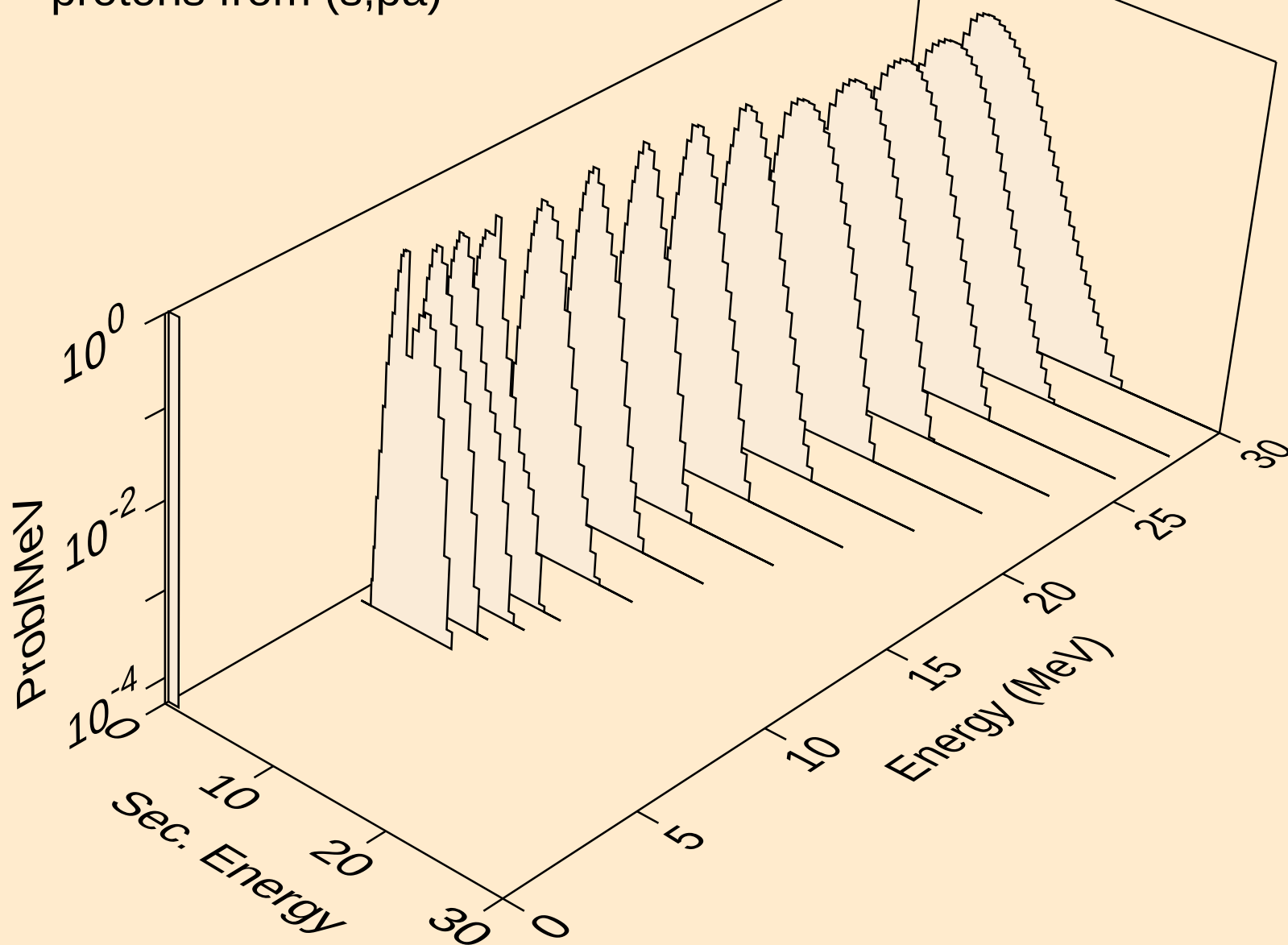
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protons from (s,p)



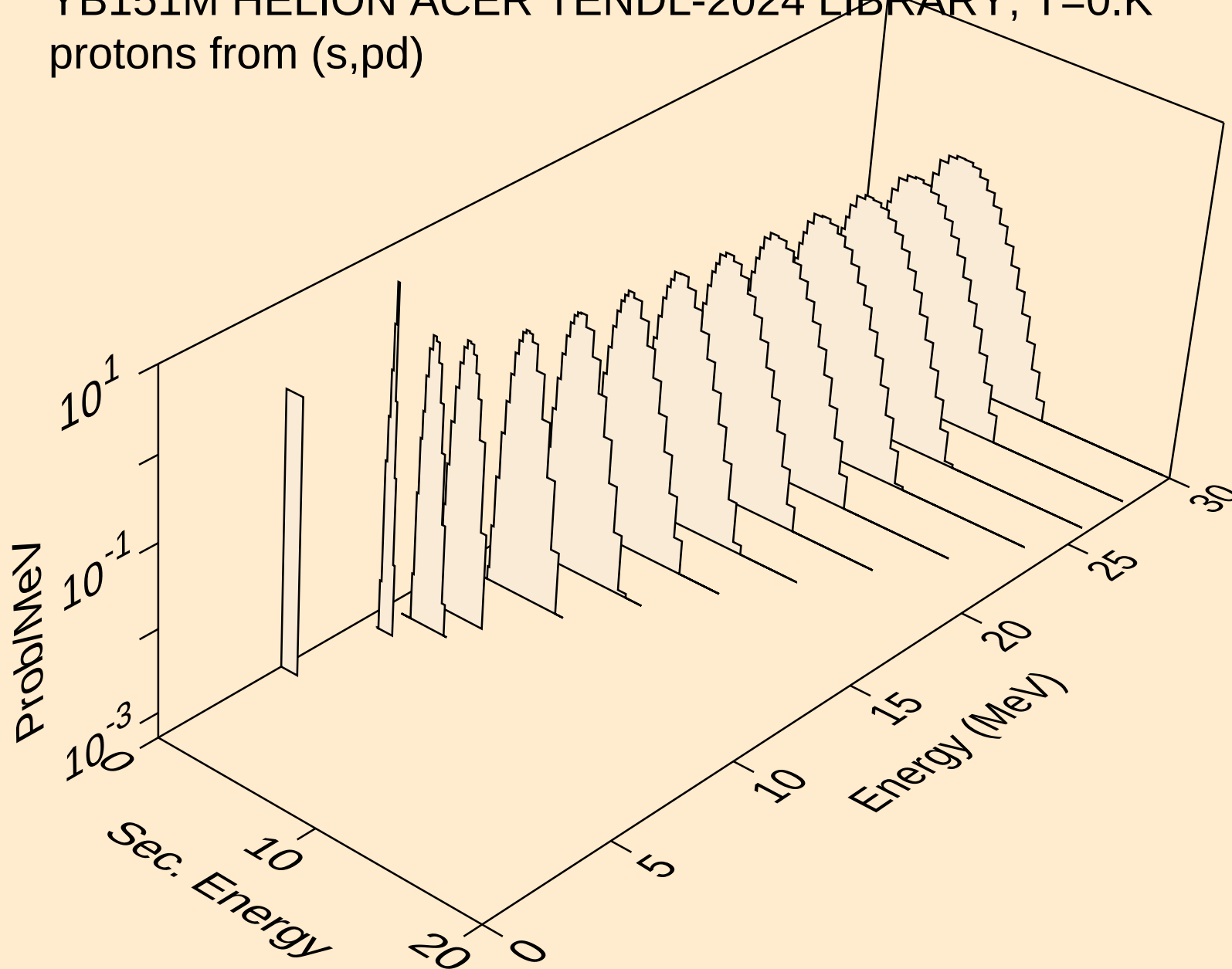
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protons from (s,2p)



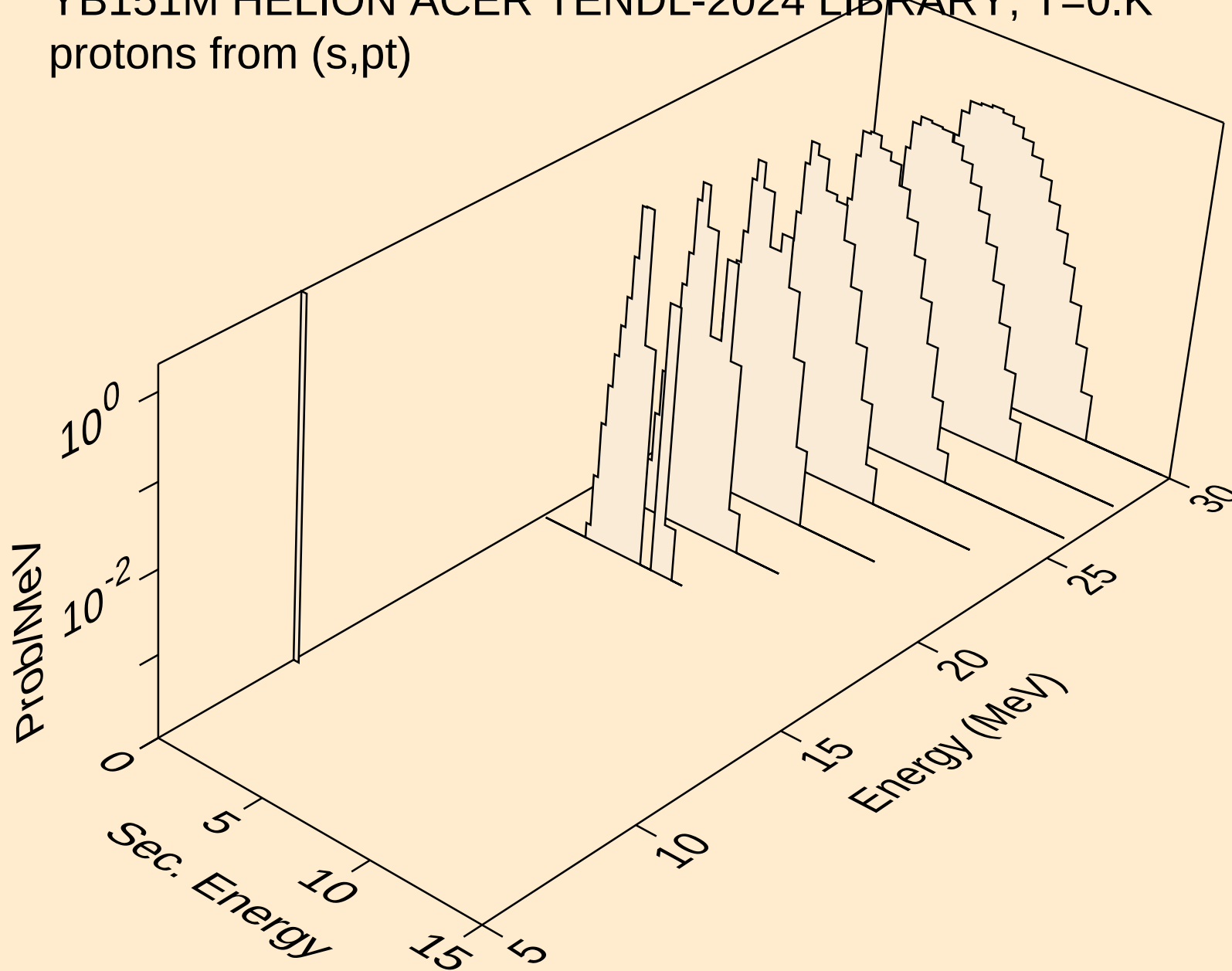
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pa)



YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
protons from (s,pd)

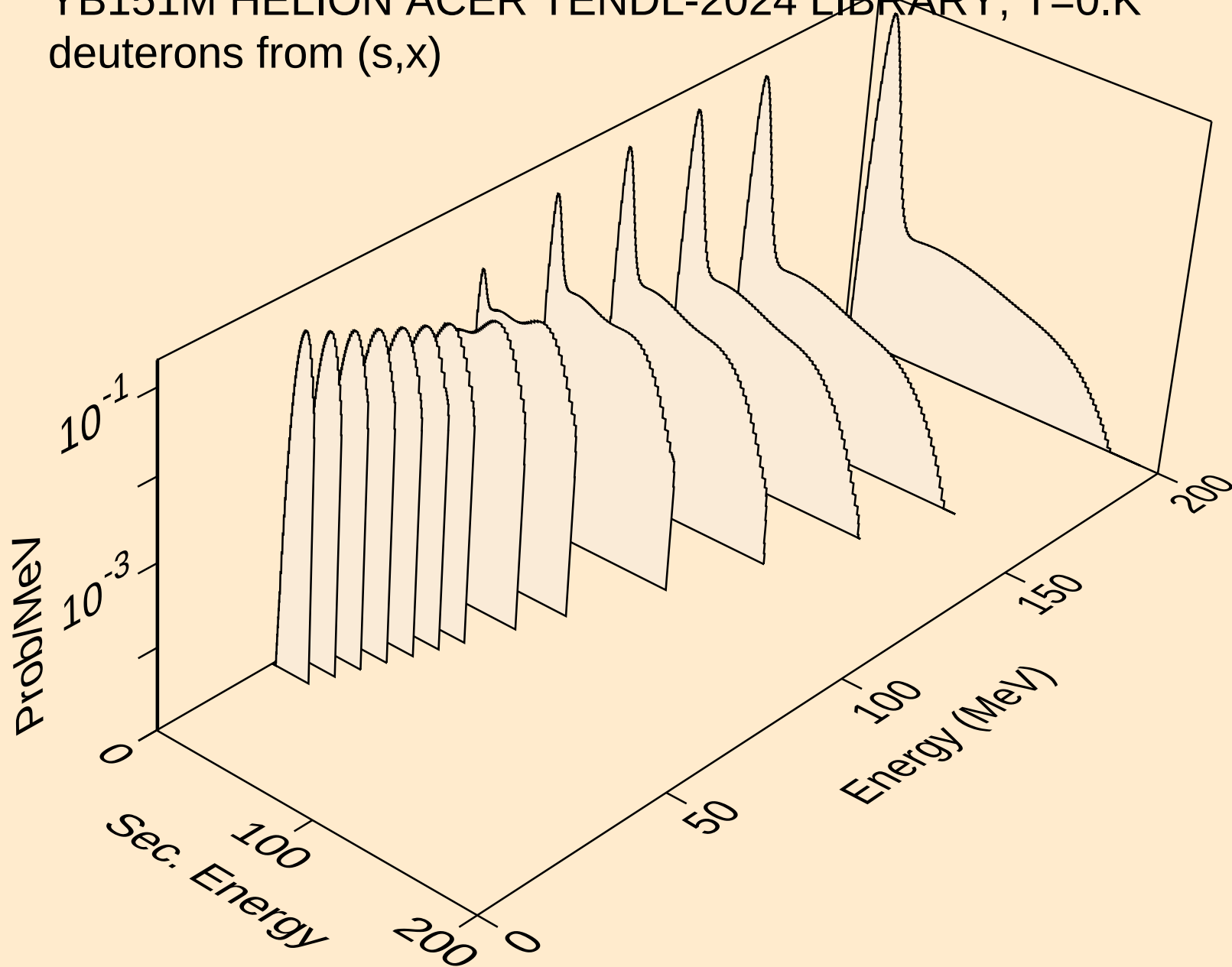


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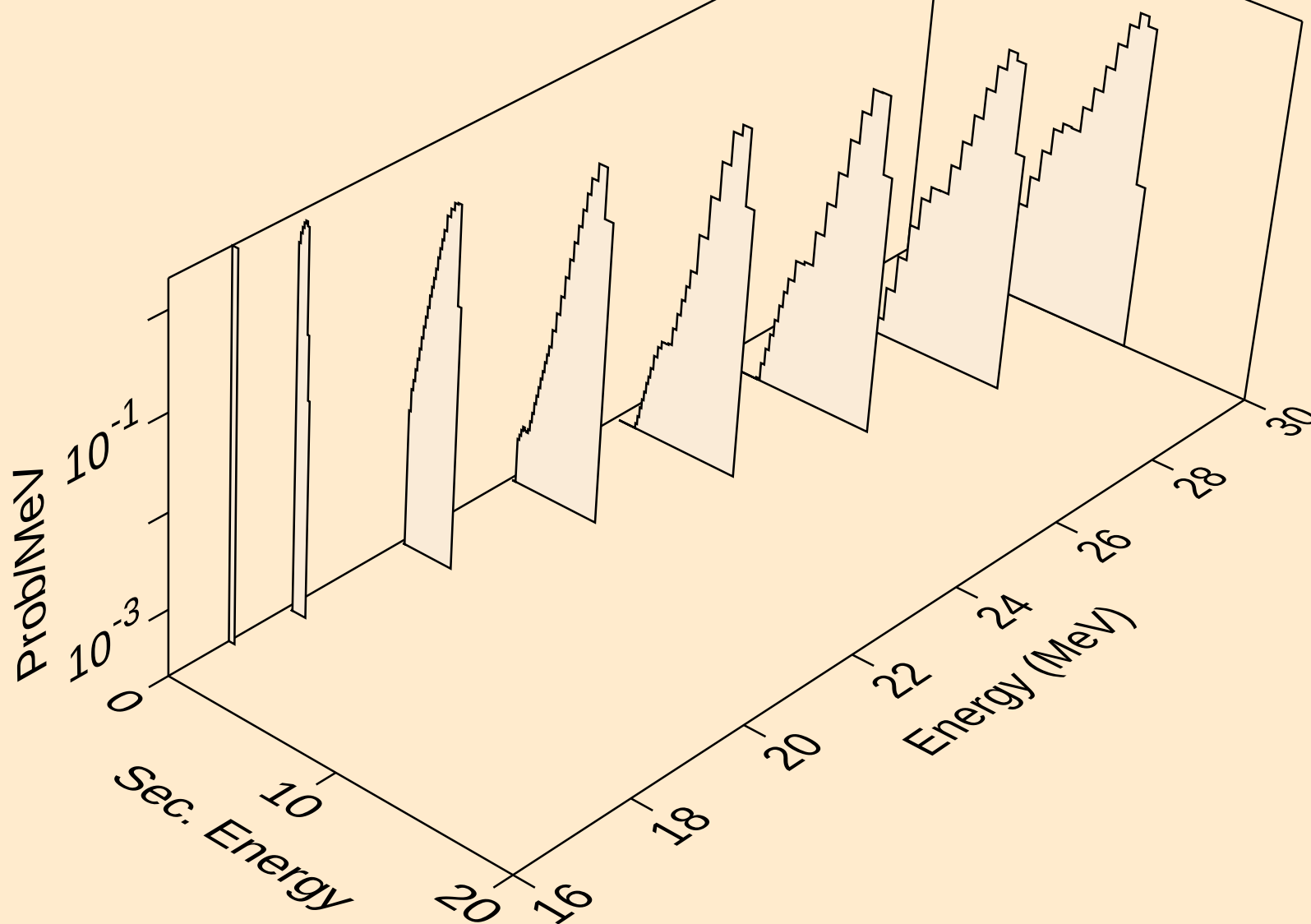




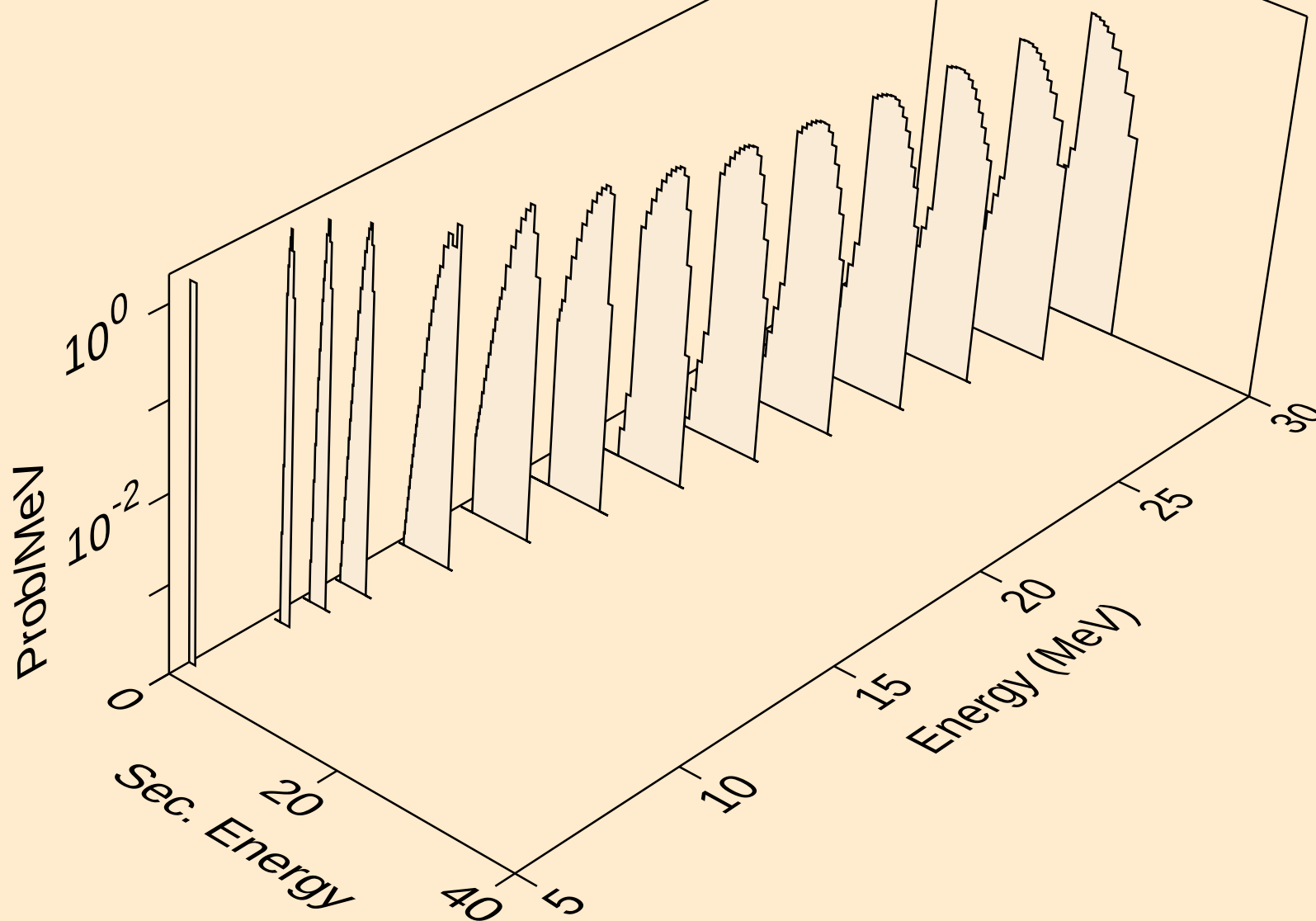
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deuterons from (s,x)



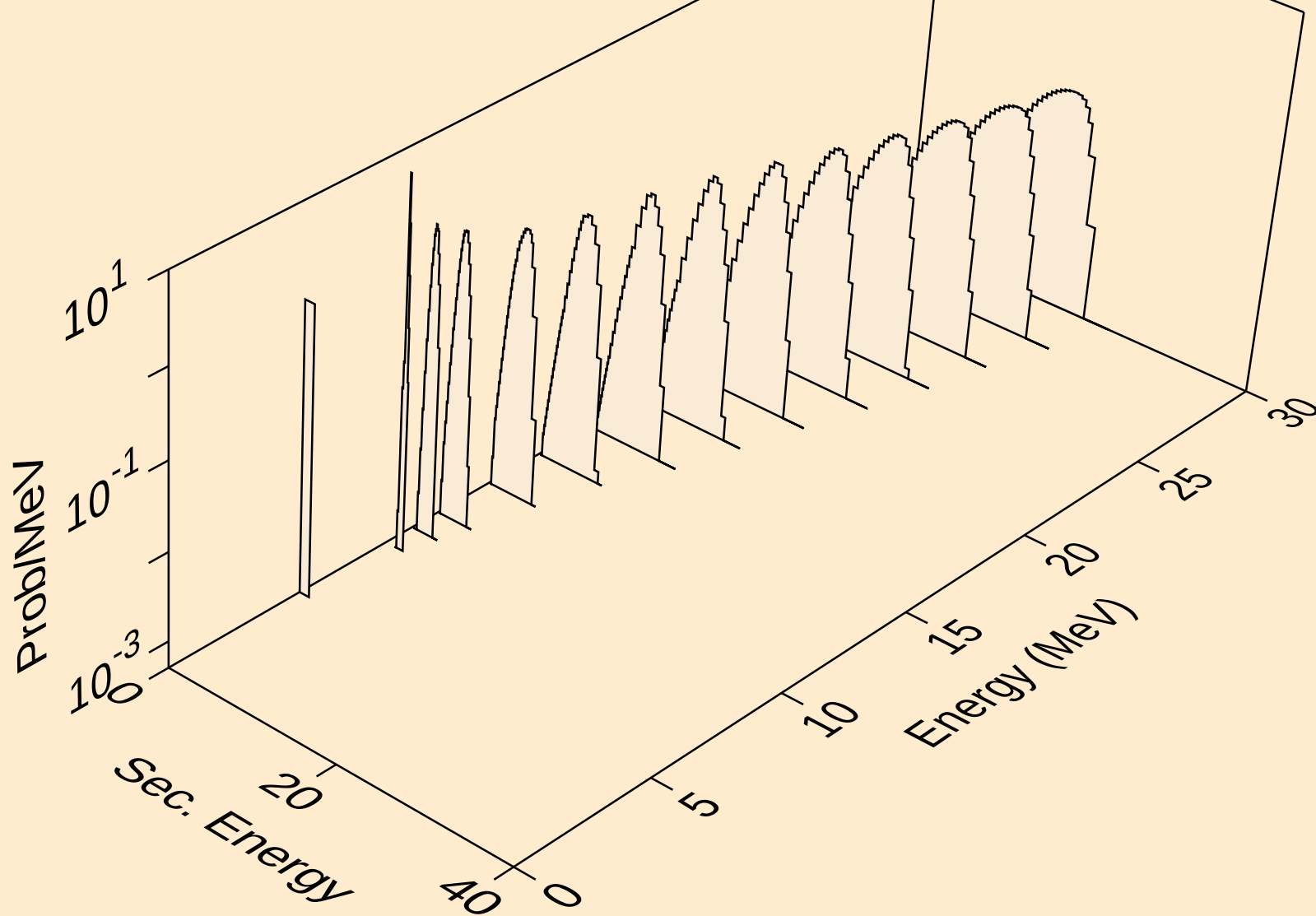
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deuterons from (s,n\*)d



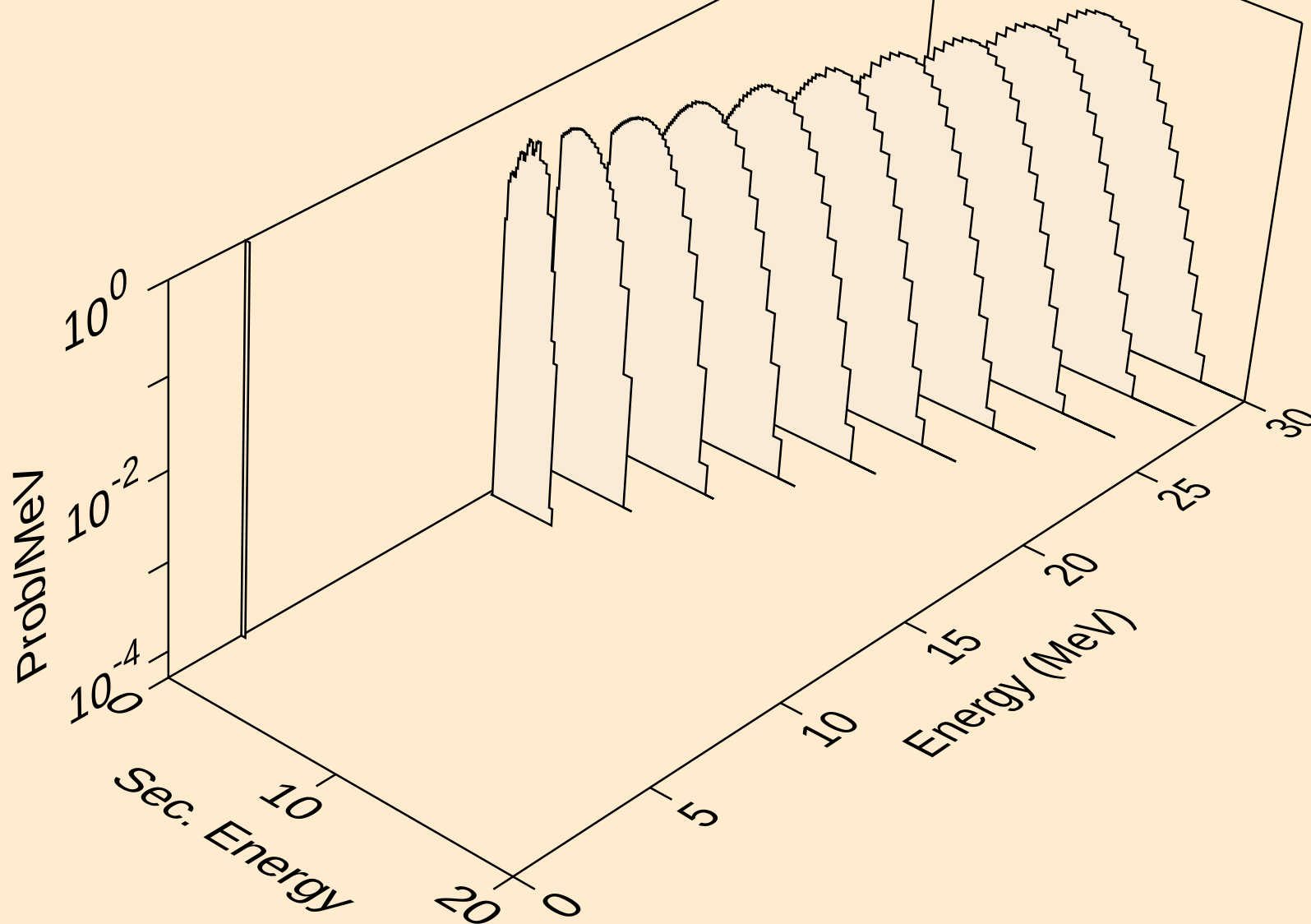
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,d)



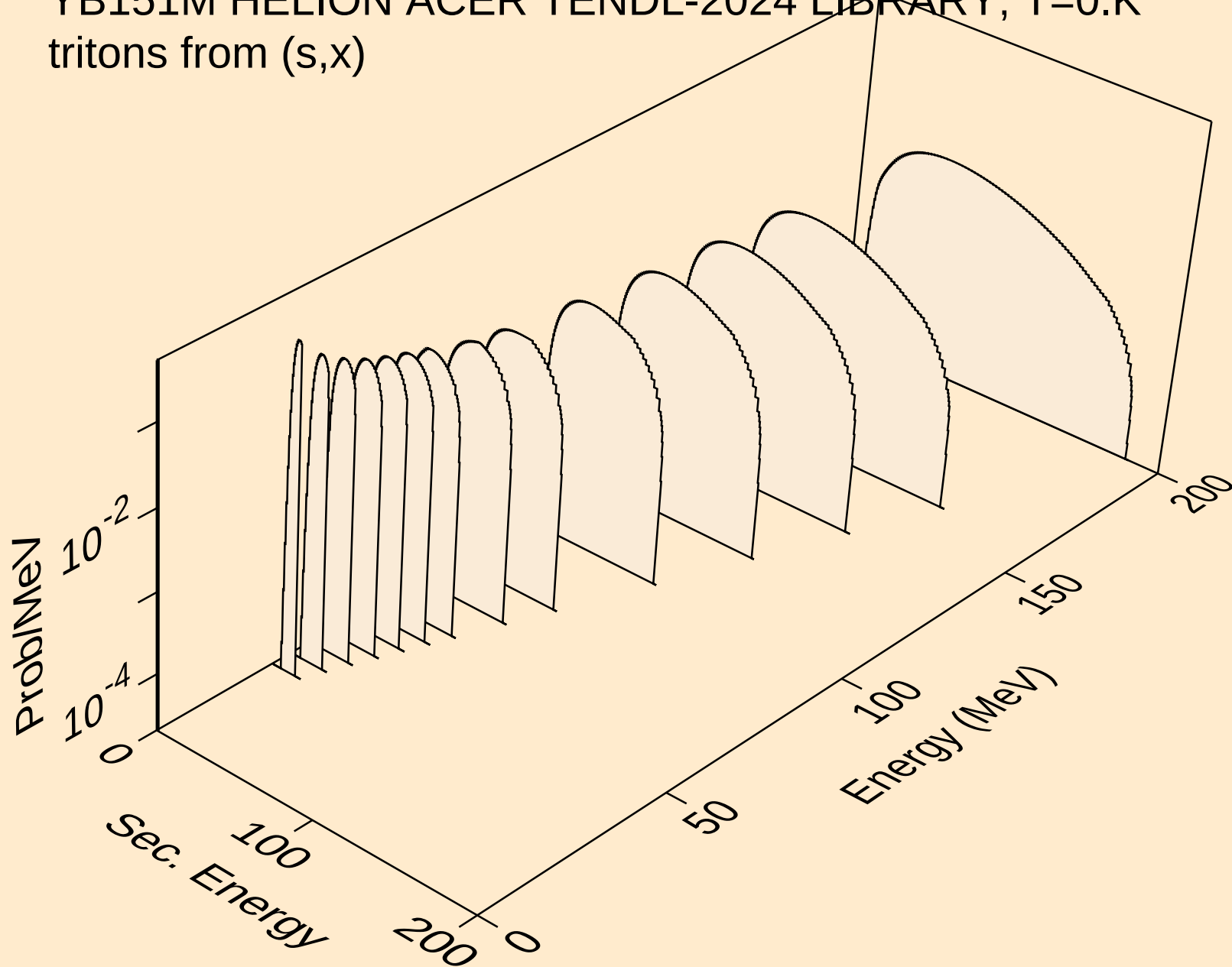
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (s,pd)



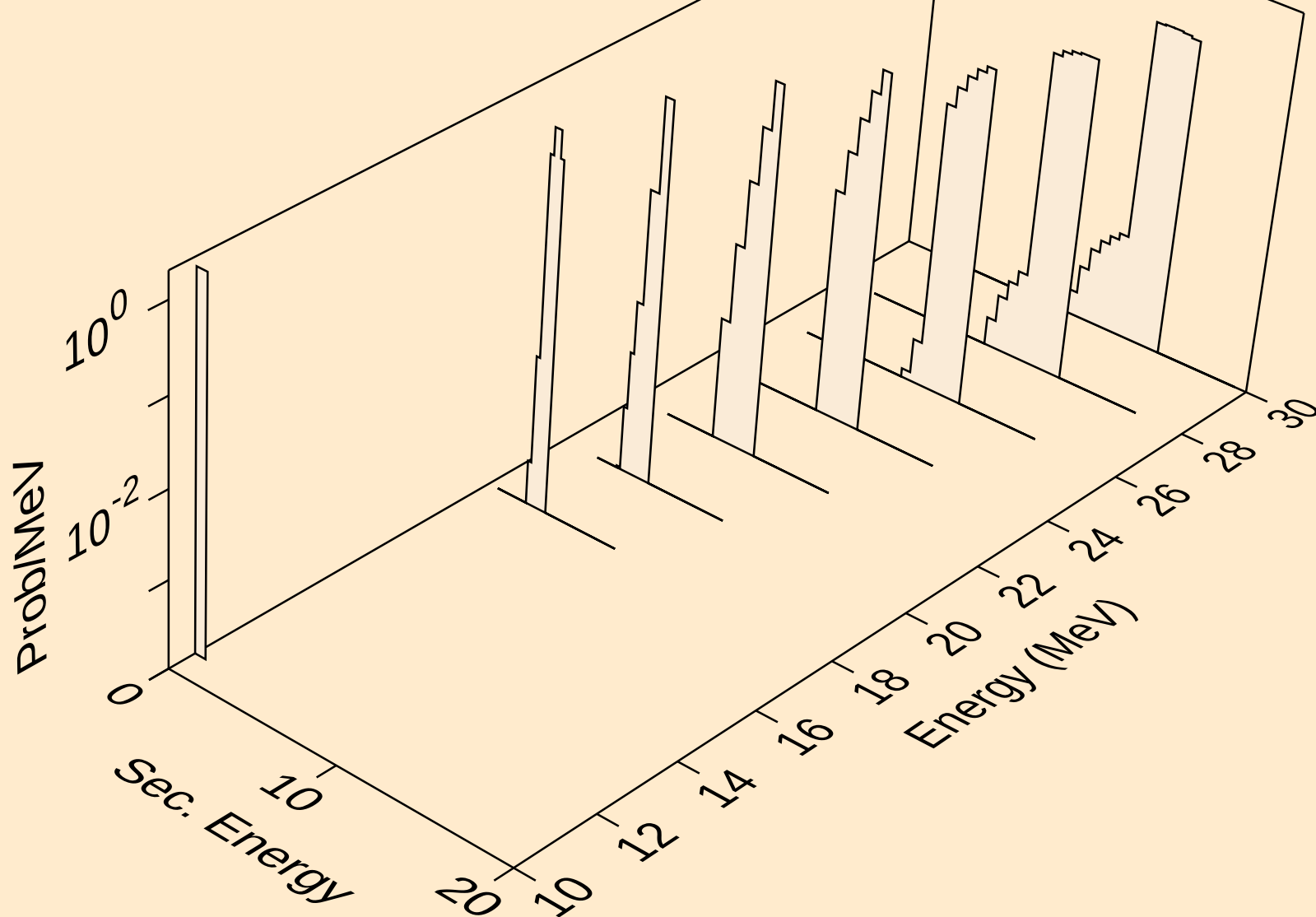
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deuterons from (s,da)



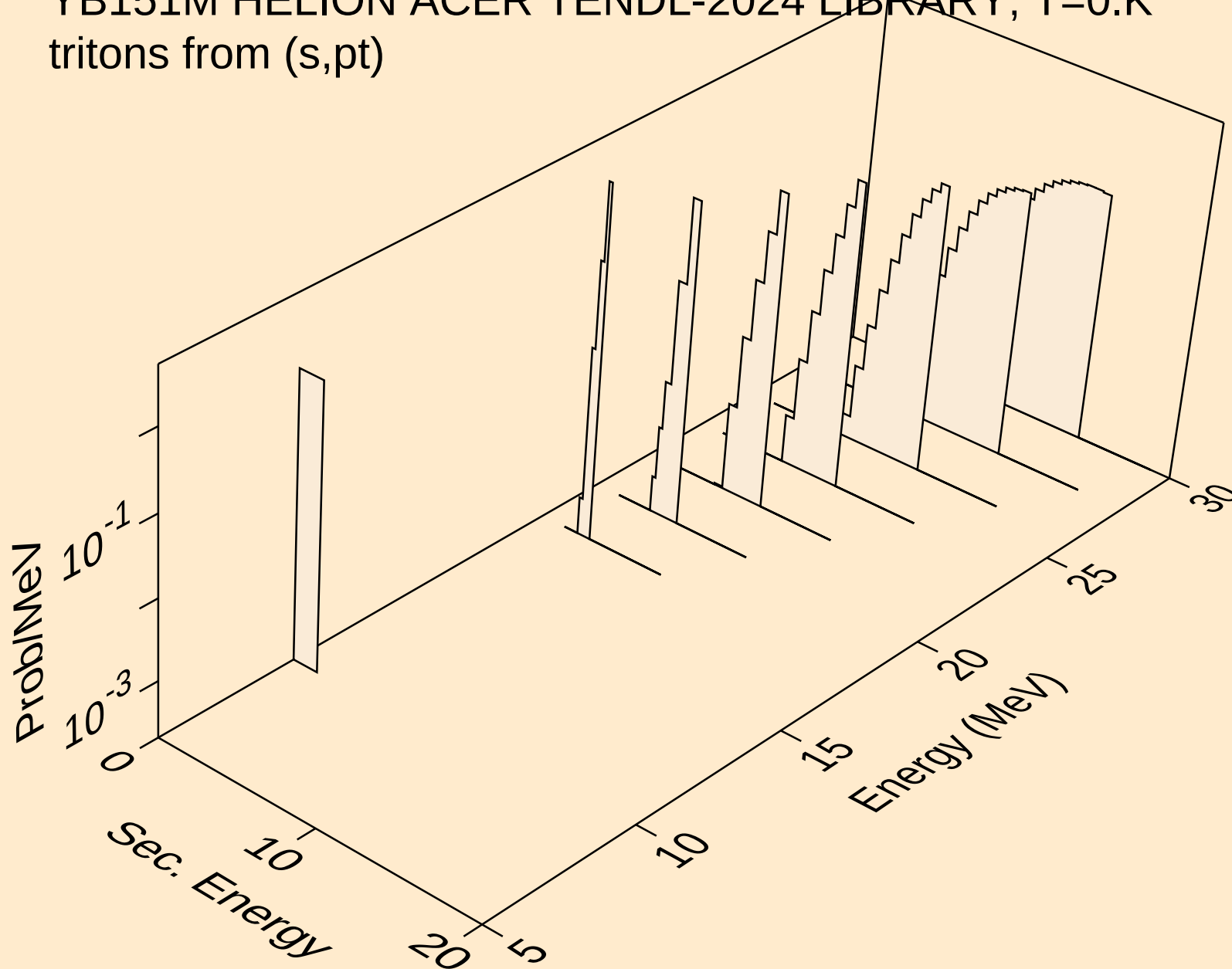
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,x)



YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (s,t)

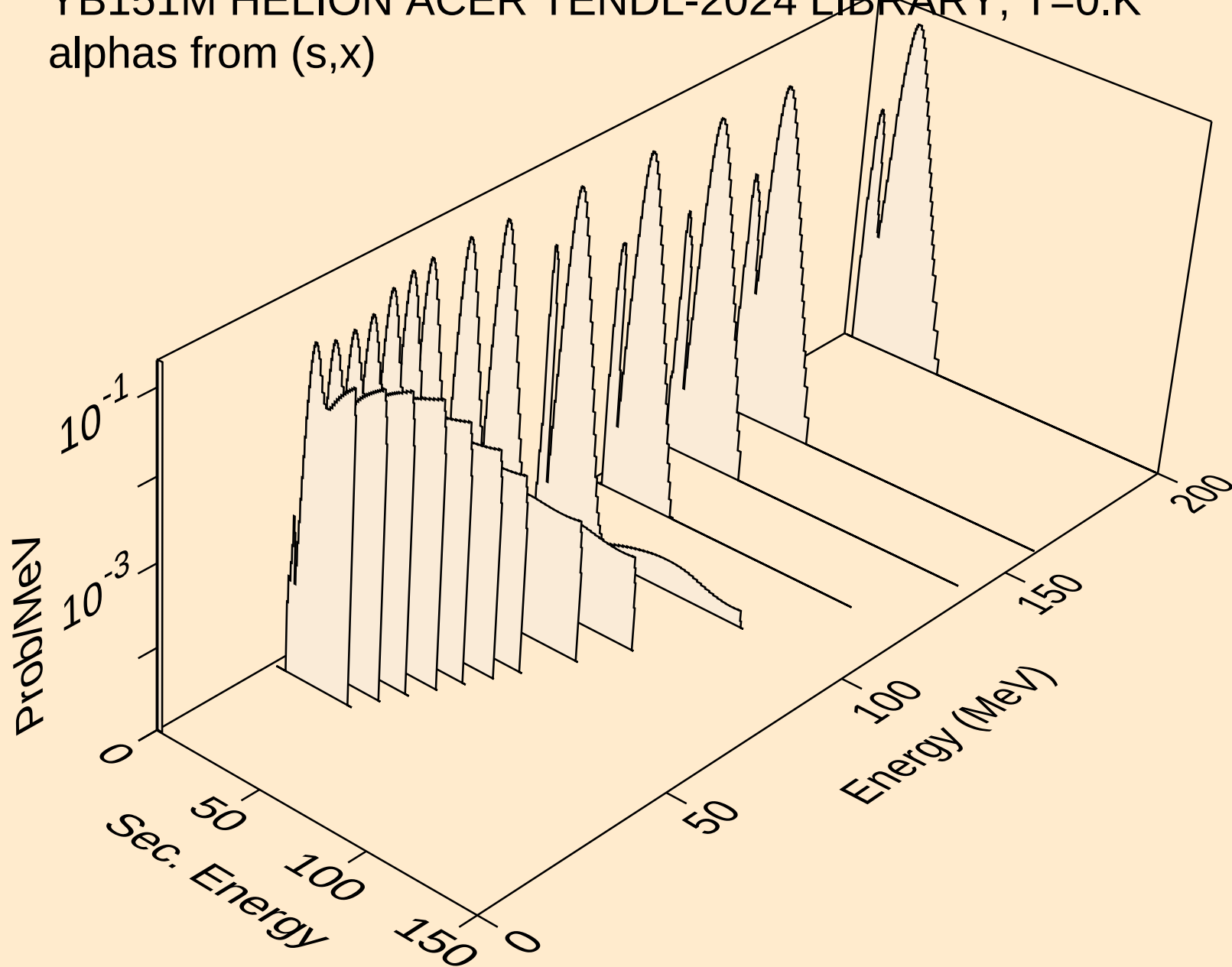


YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
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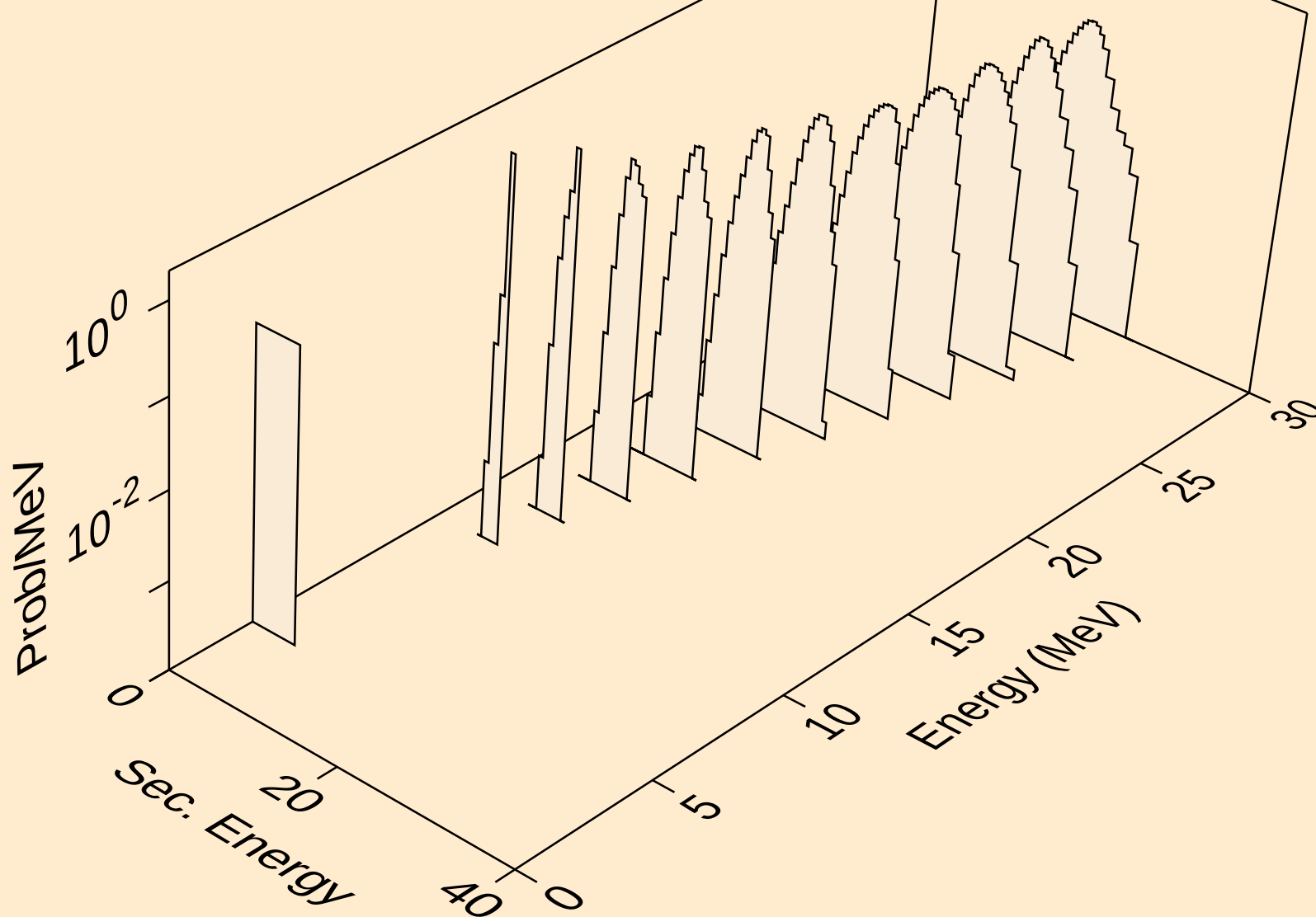




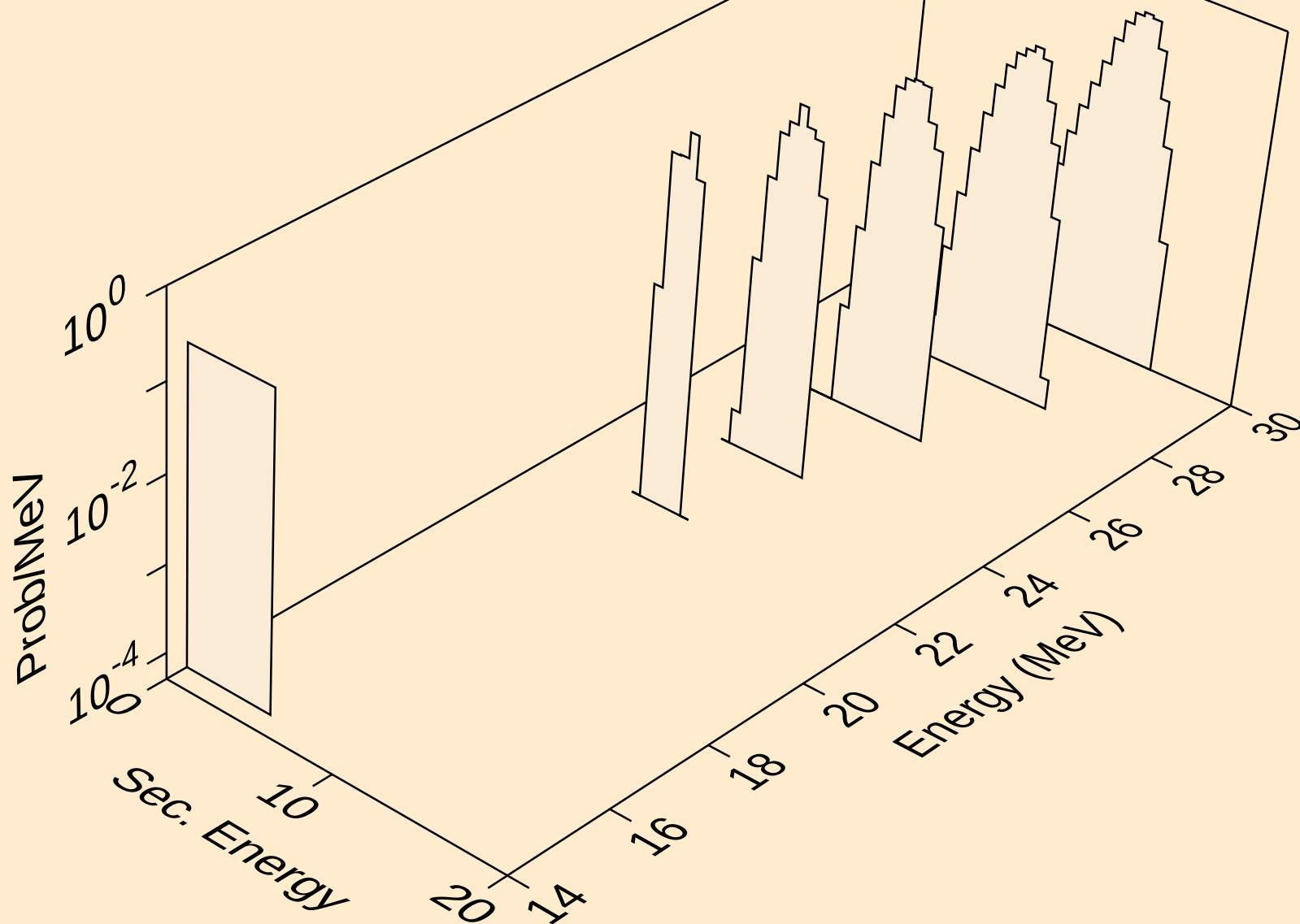
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alphas from (s,x)



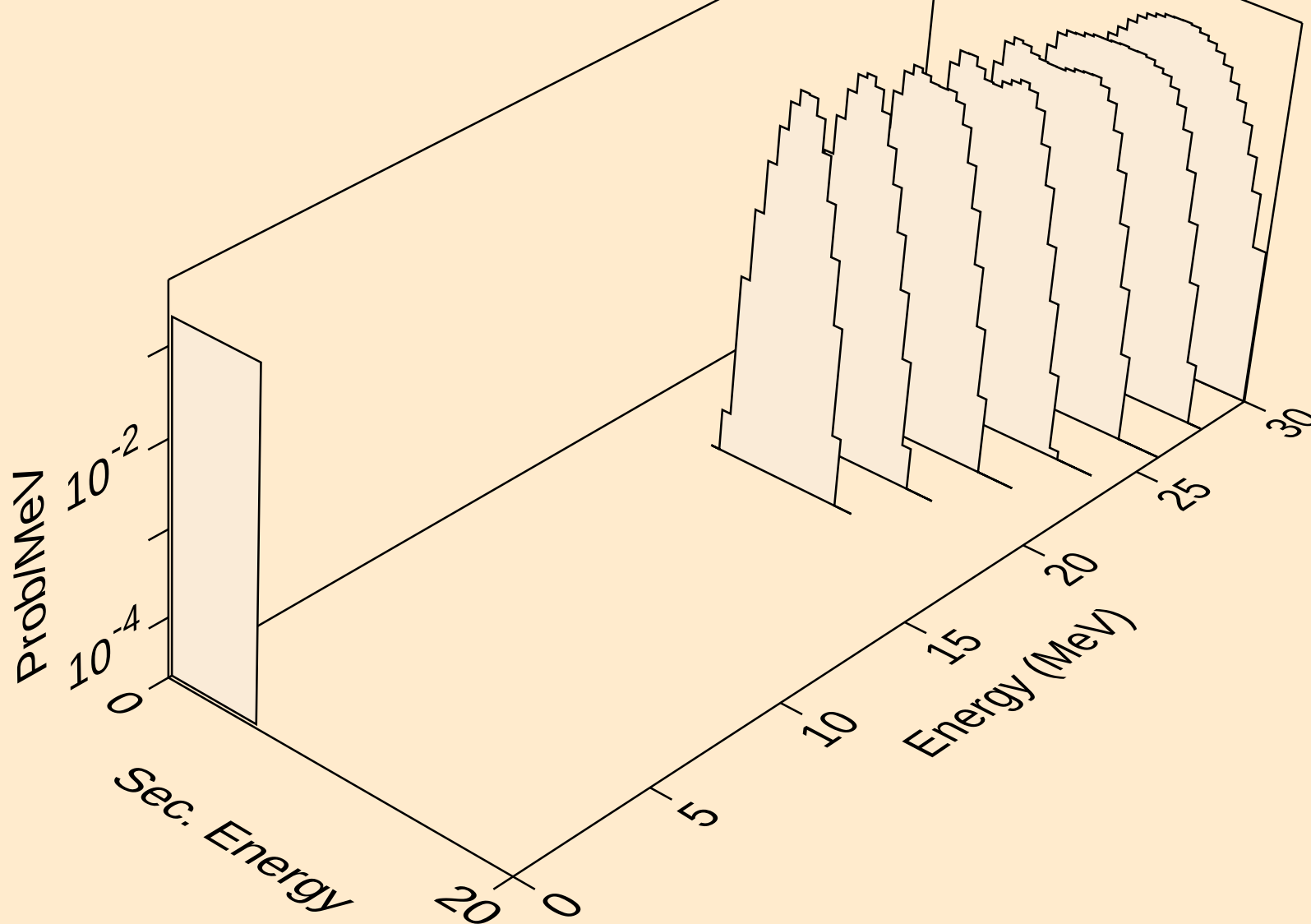
YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,n\*)a



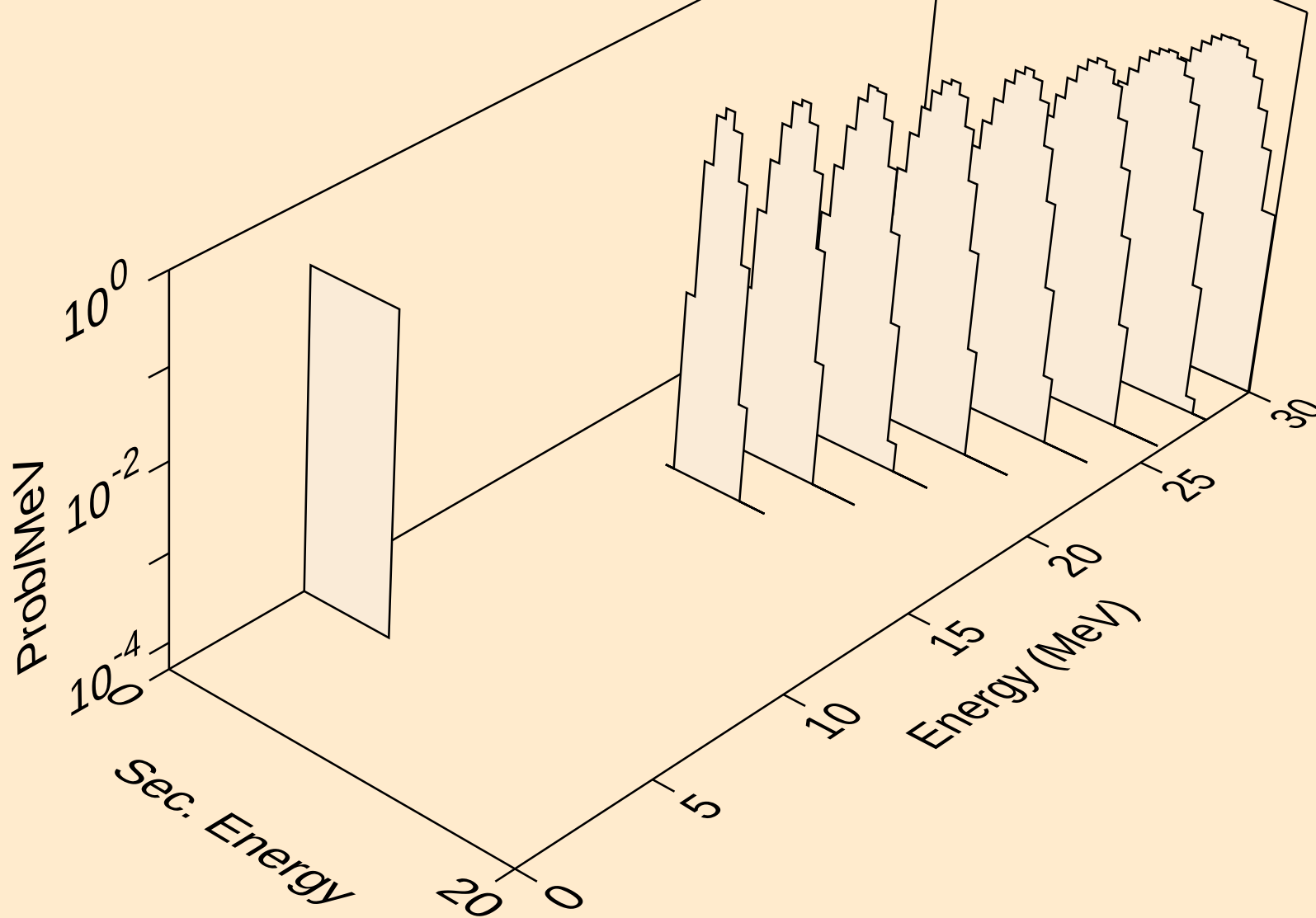
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alphas from (s,2n)a



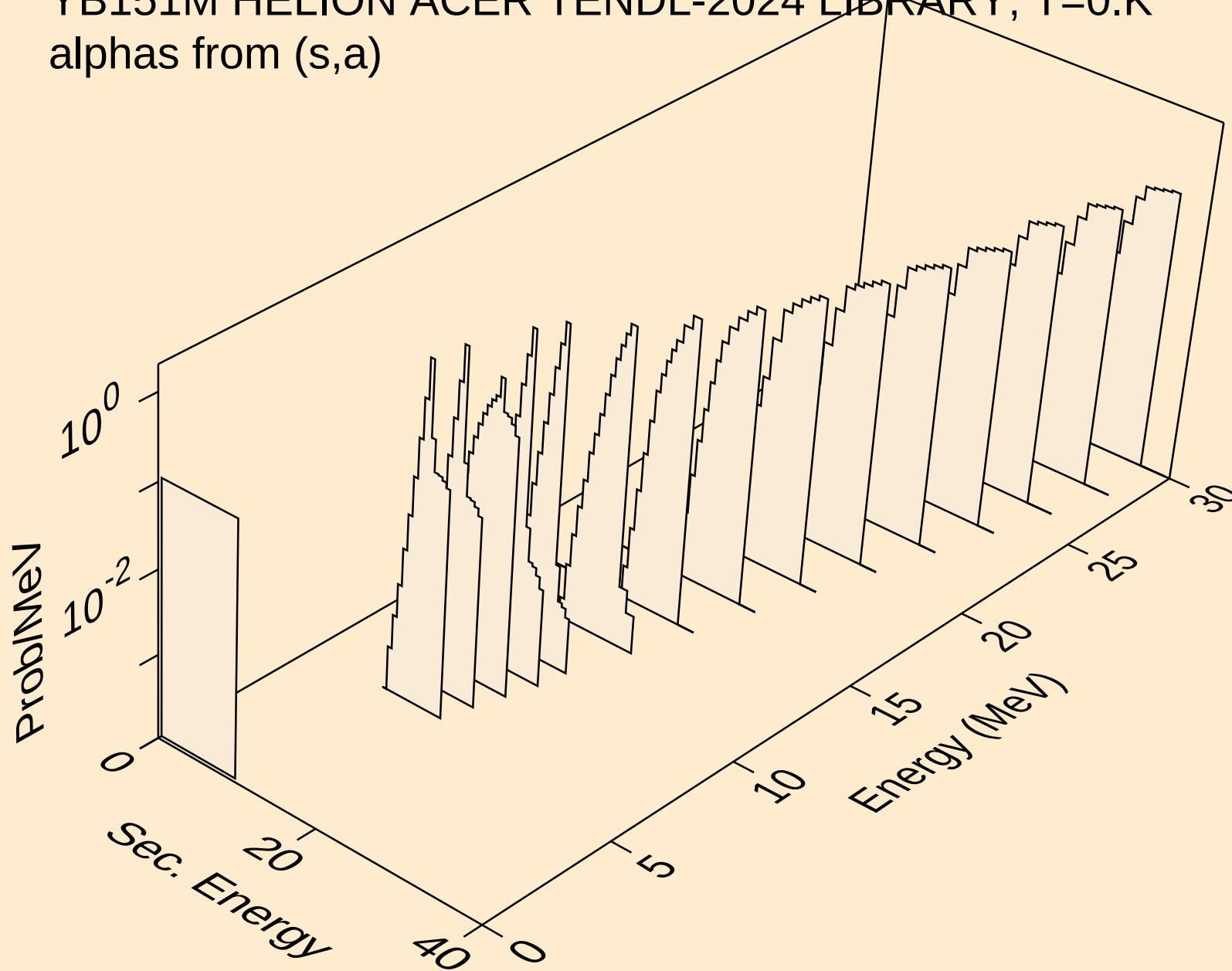
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alphas from (s,n\*)2a



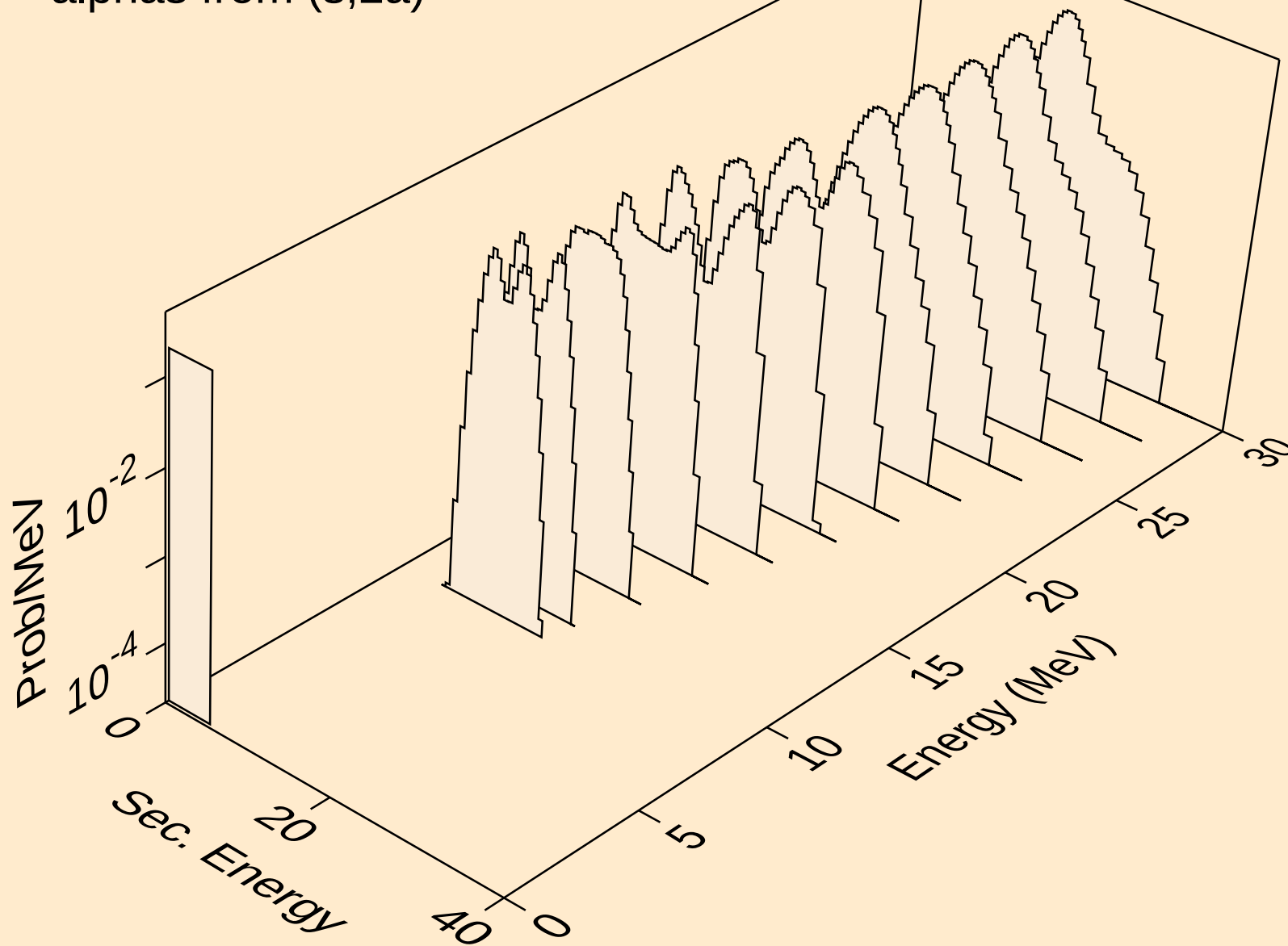
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alphas from (s,npa)



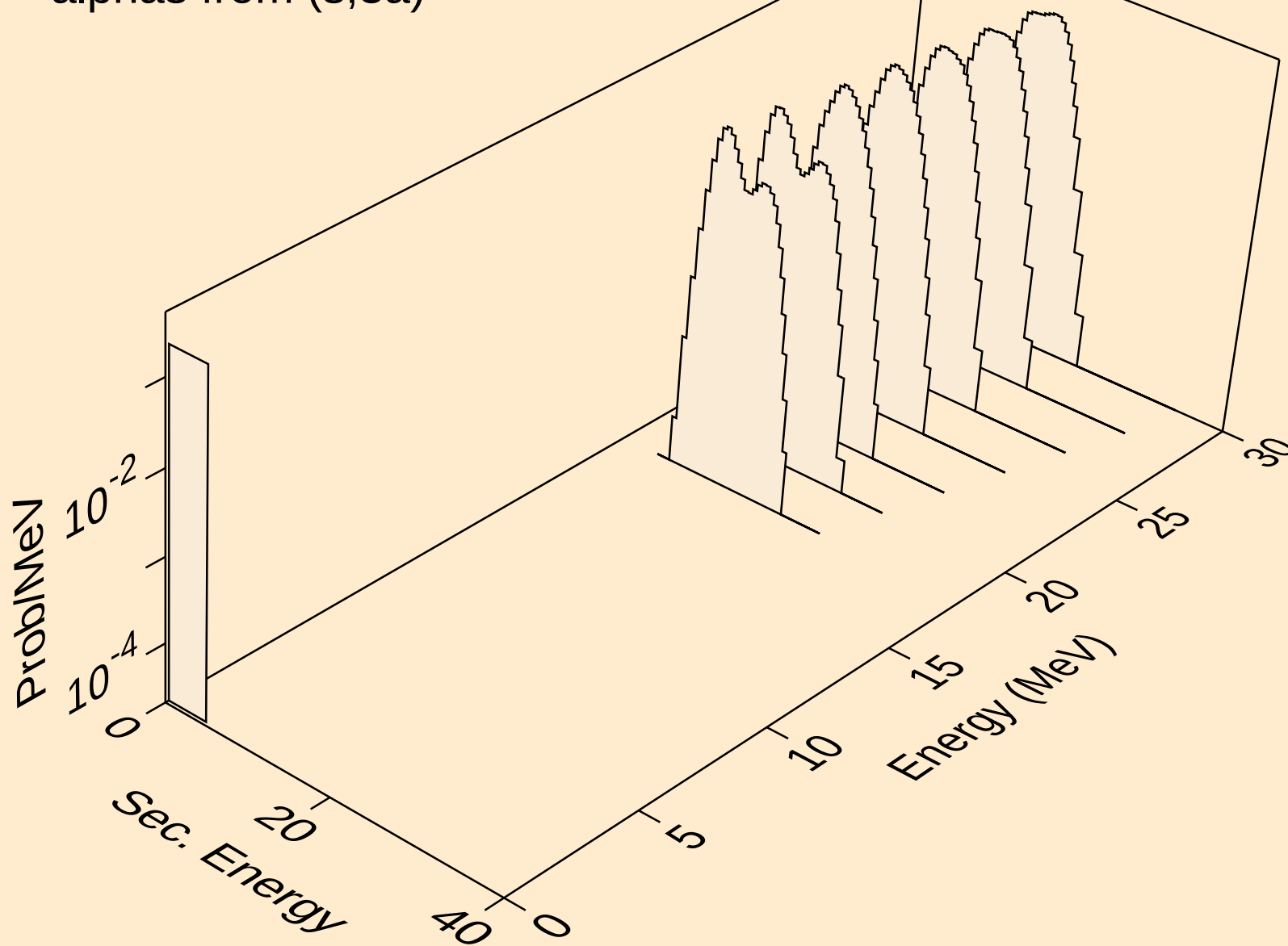
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alphas from (s,a)



YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,2a)

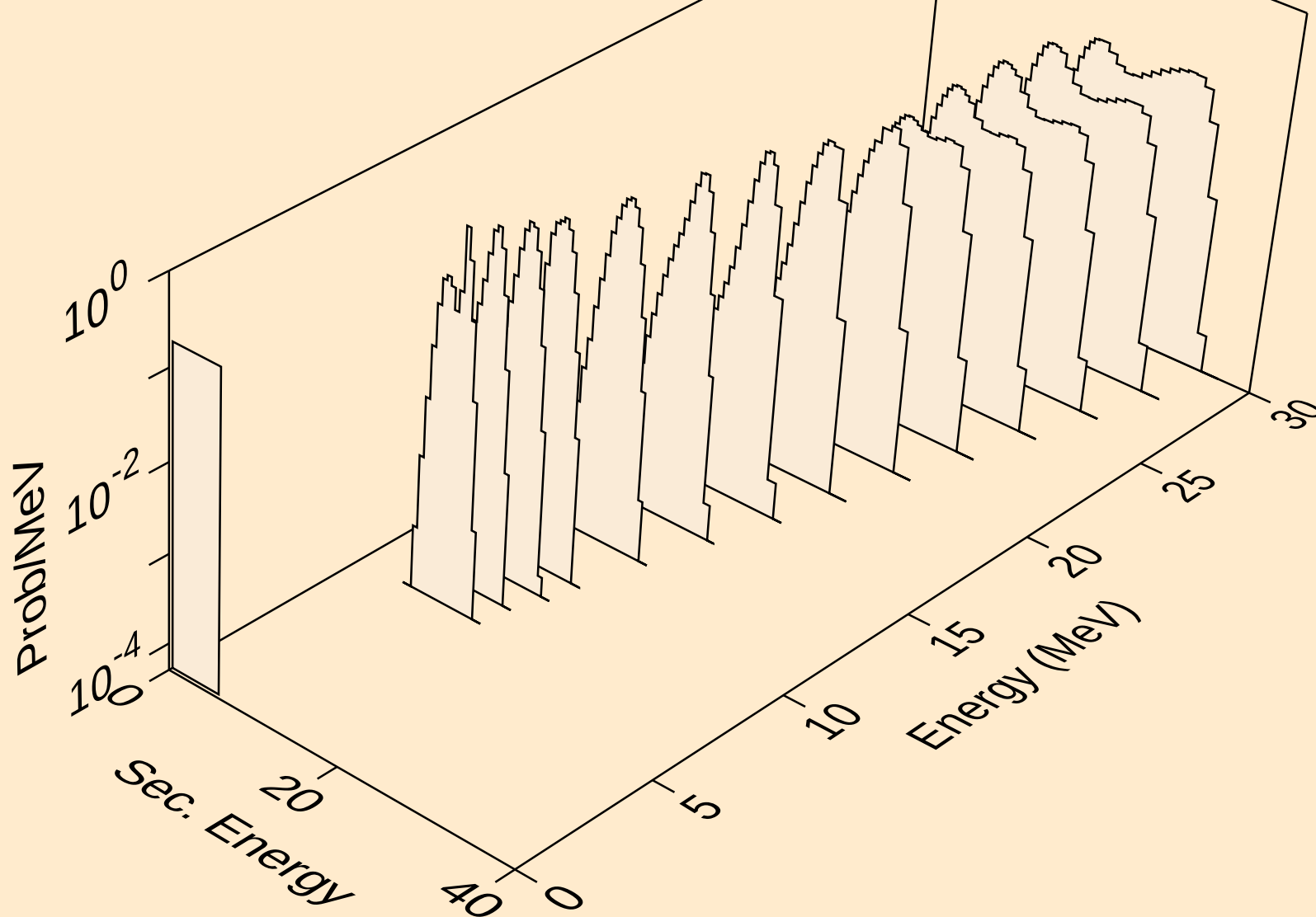


YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,3a)





YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,pa)



YB151M HELION ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (s,da)

