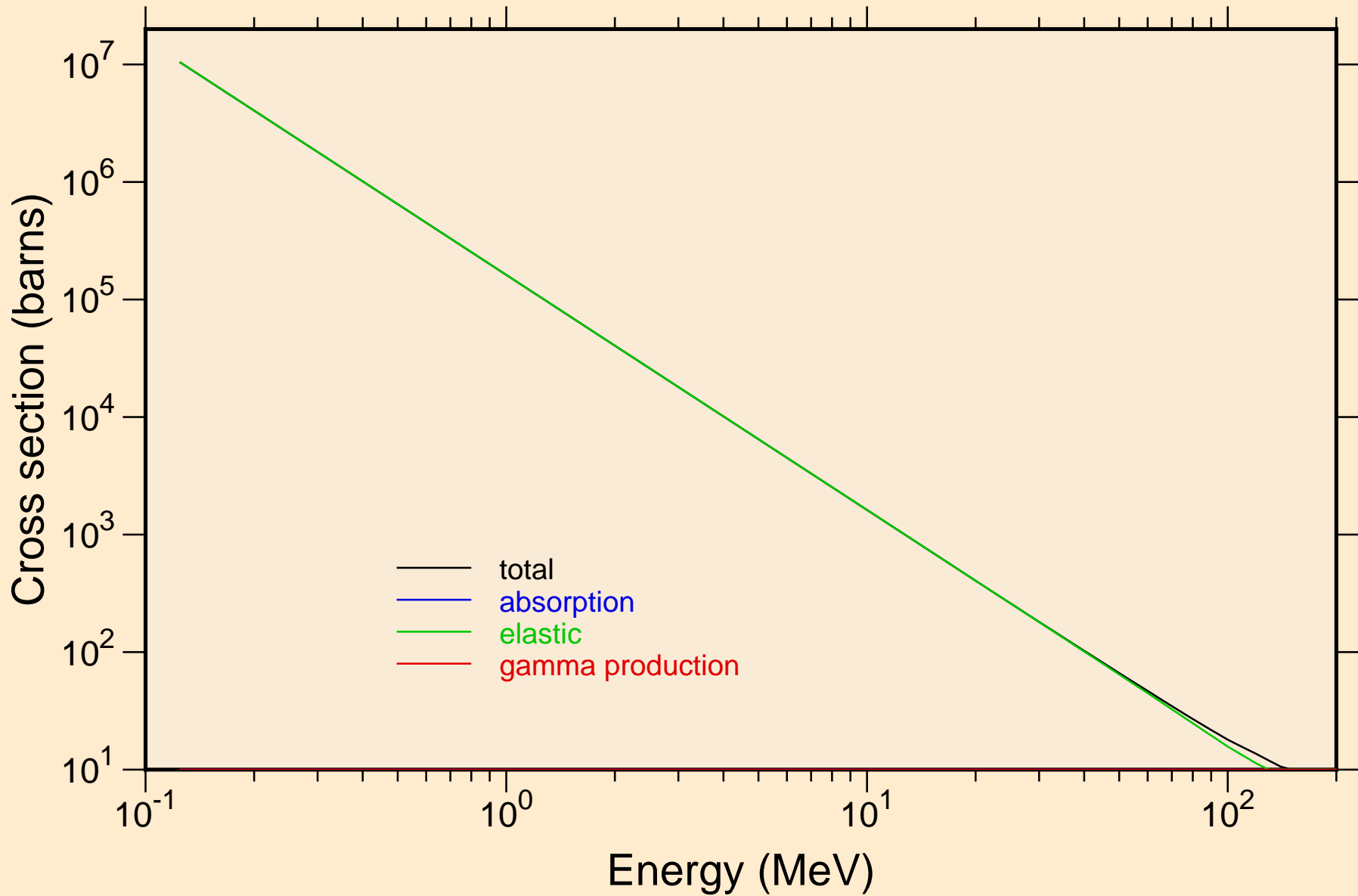
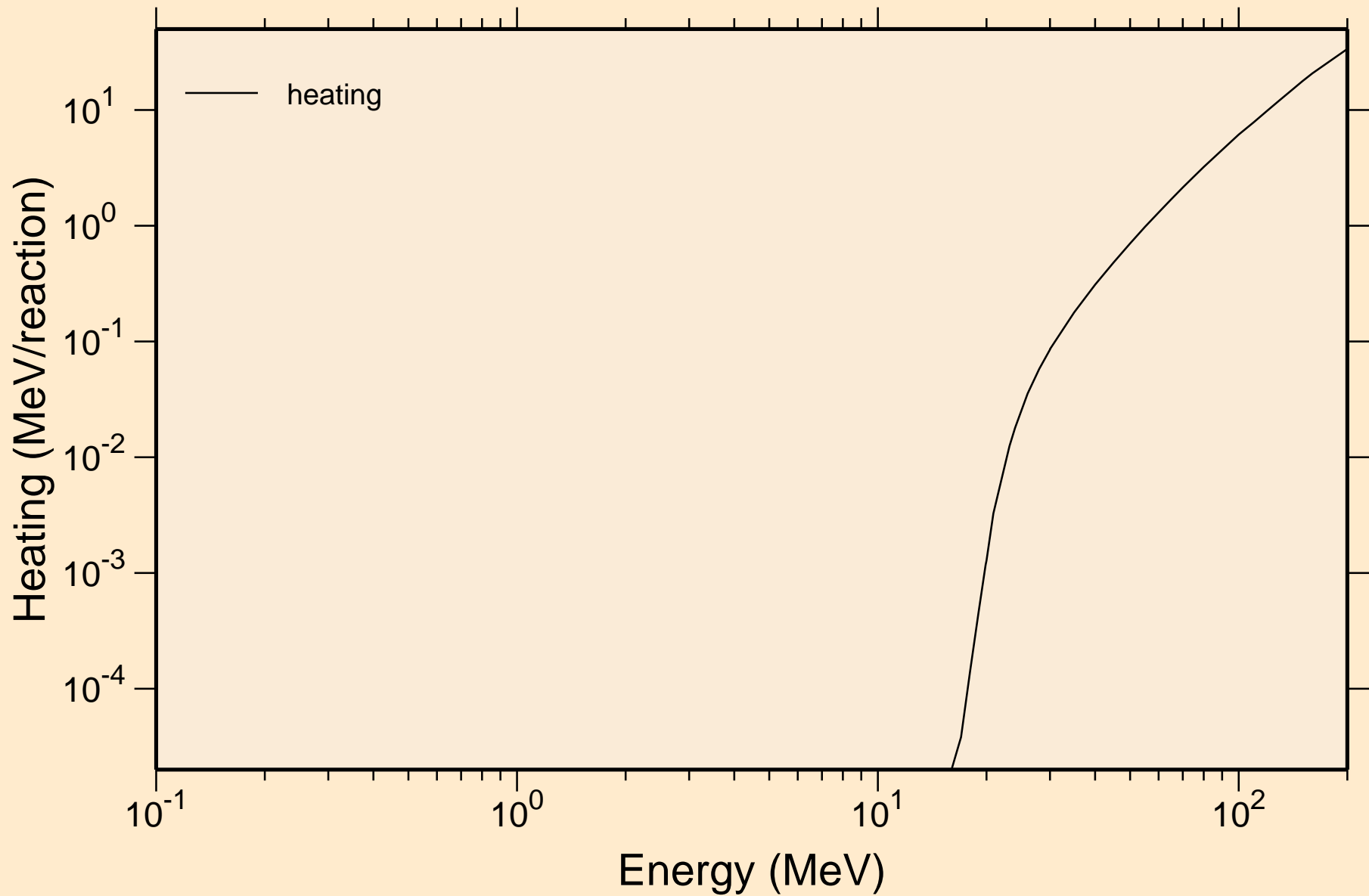


# HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

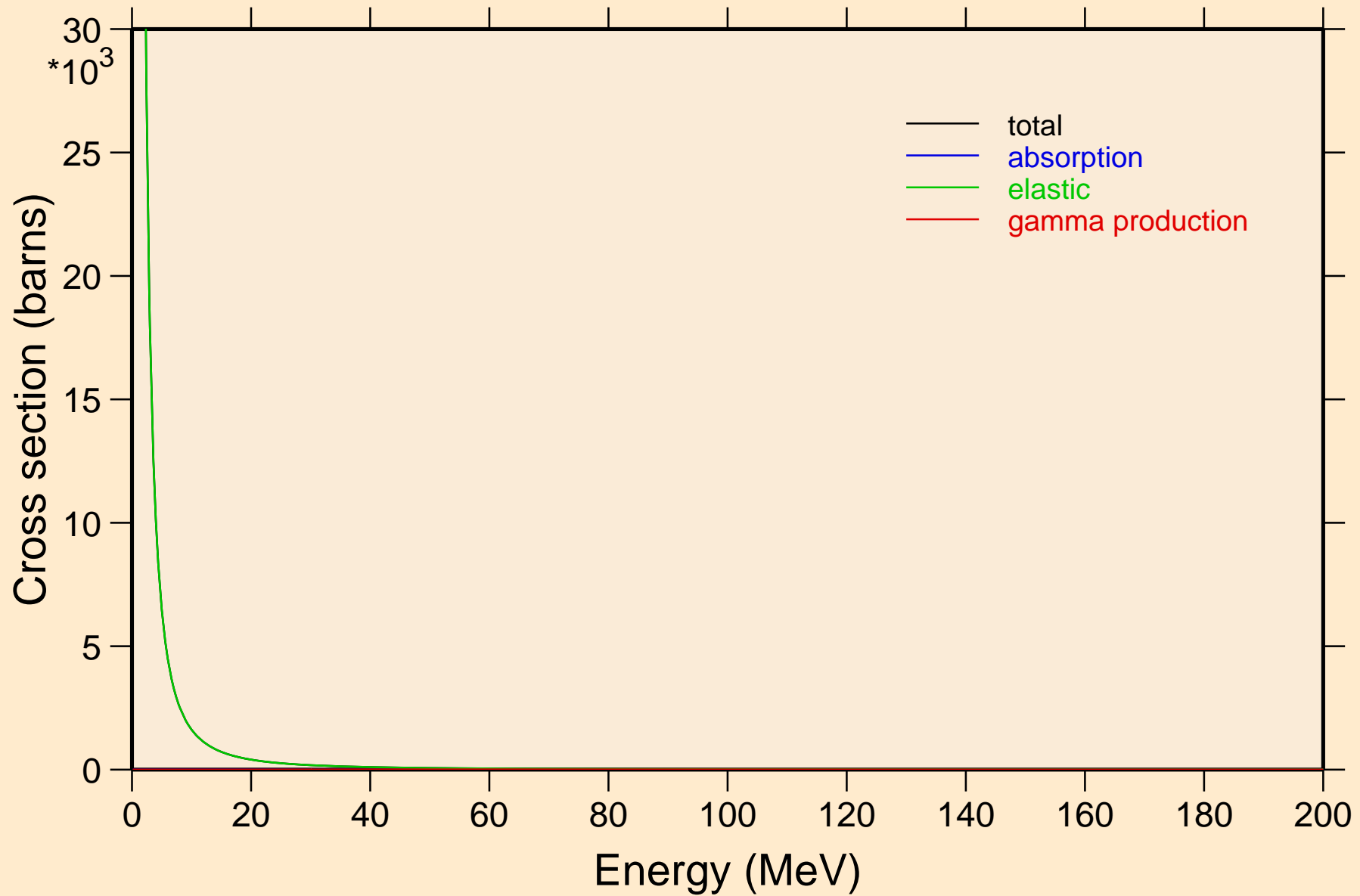


HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Heating



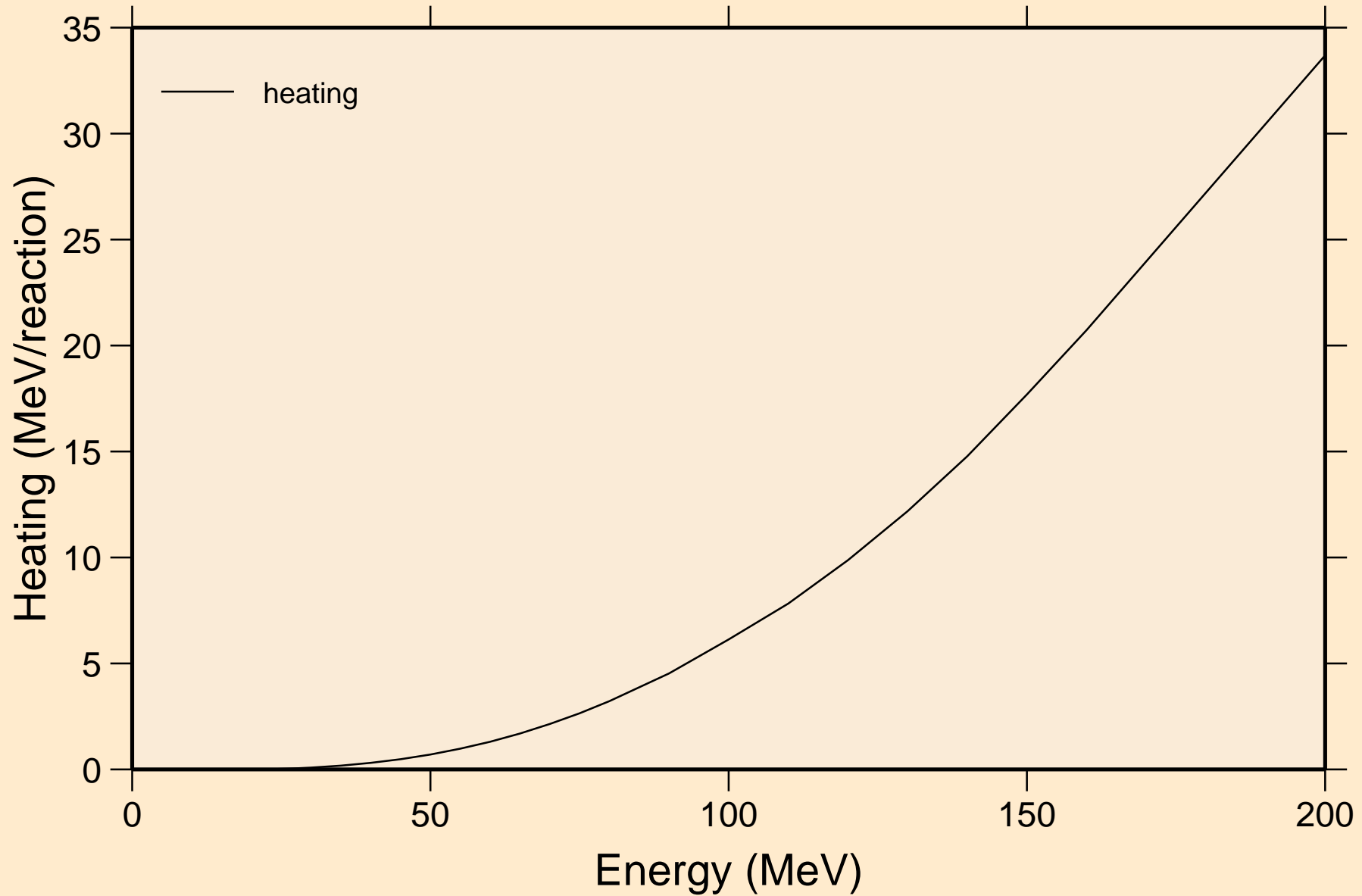
# HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

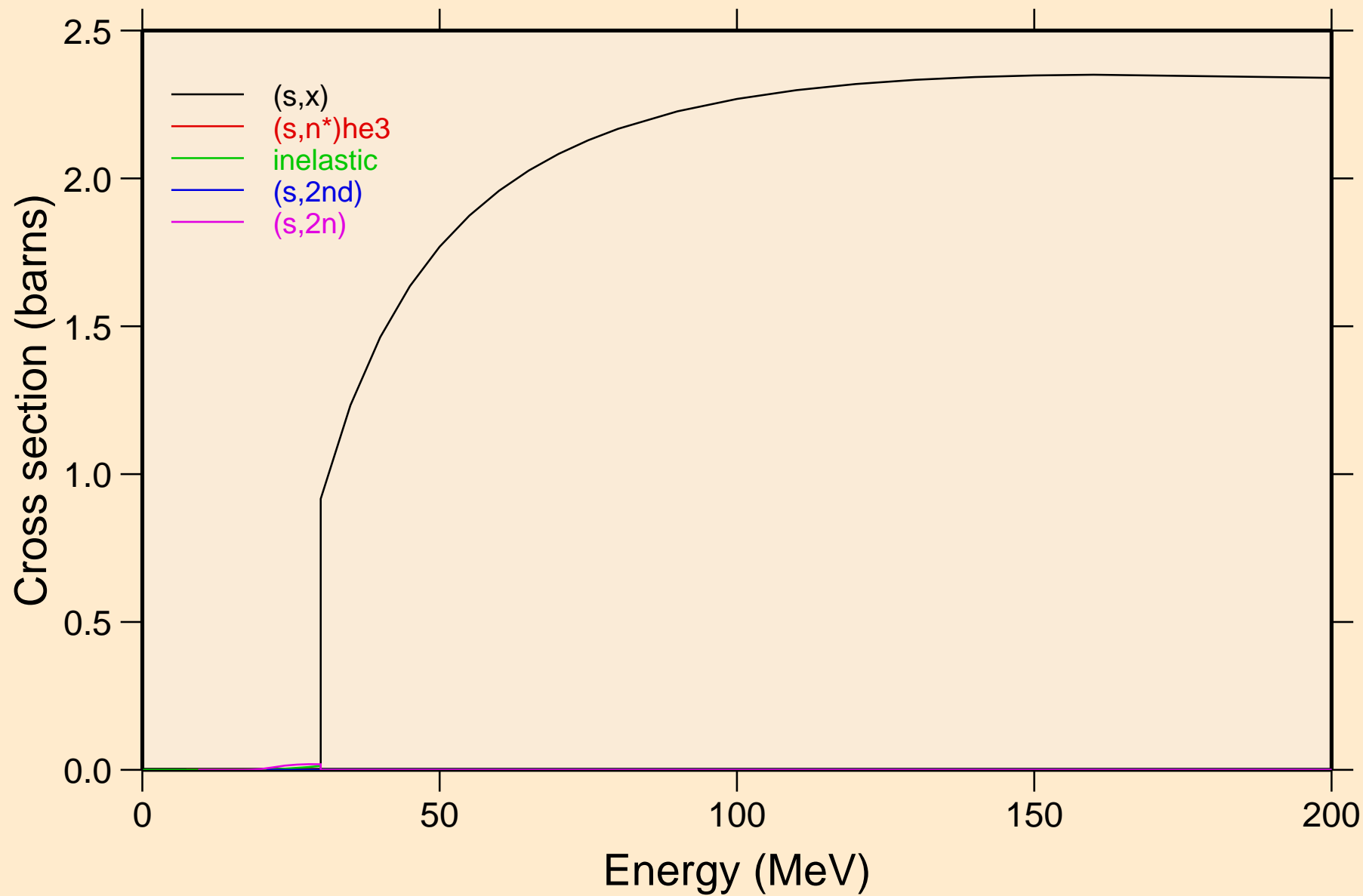


HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K

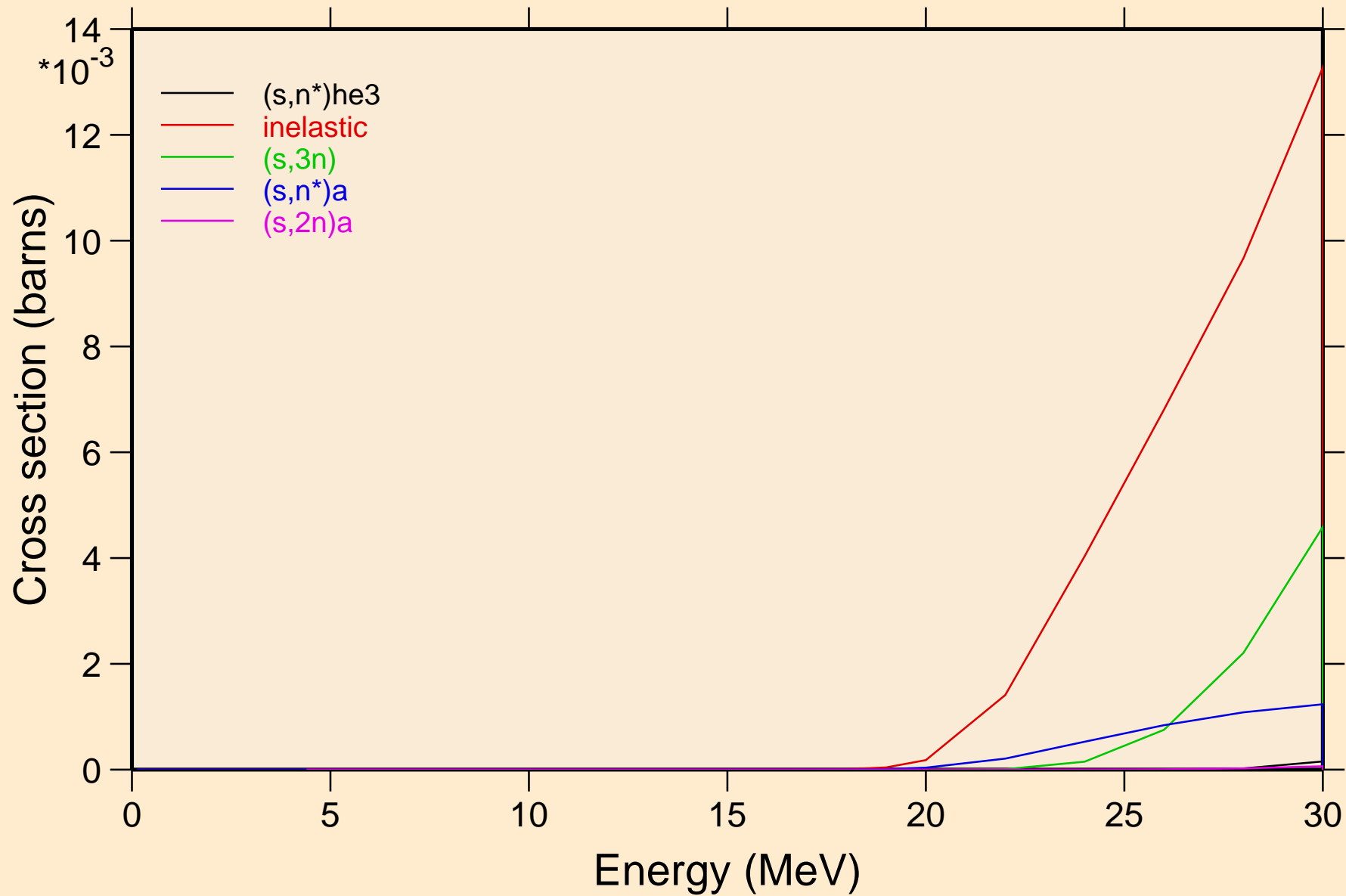
Heating



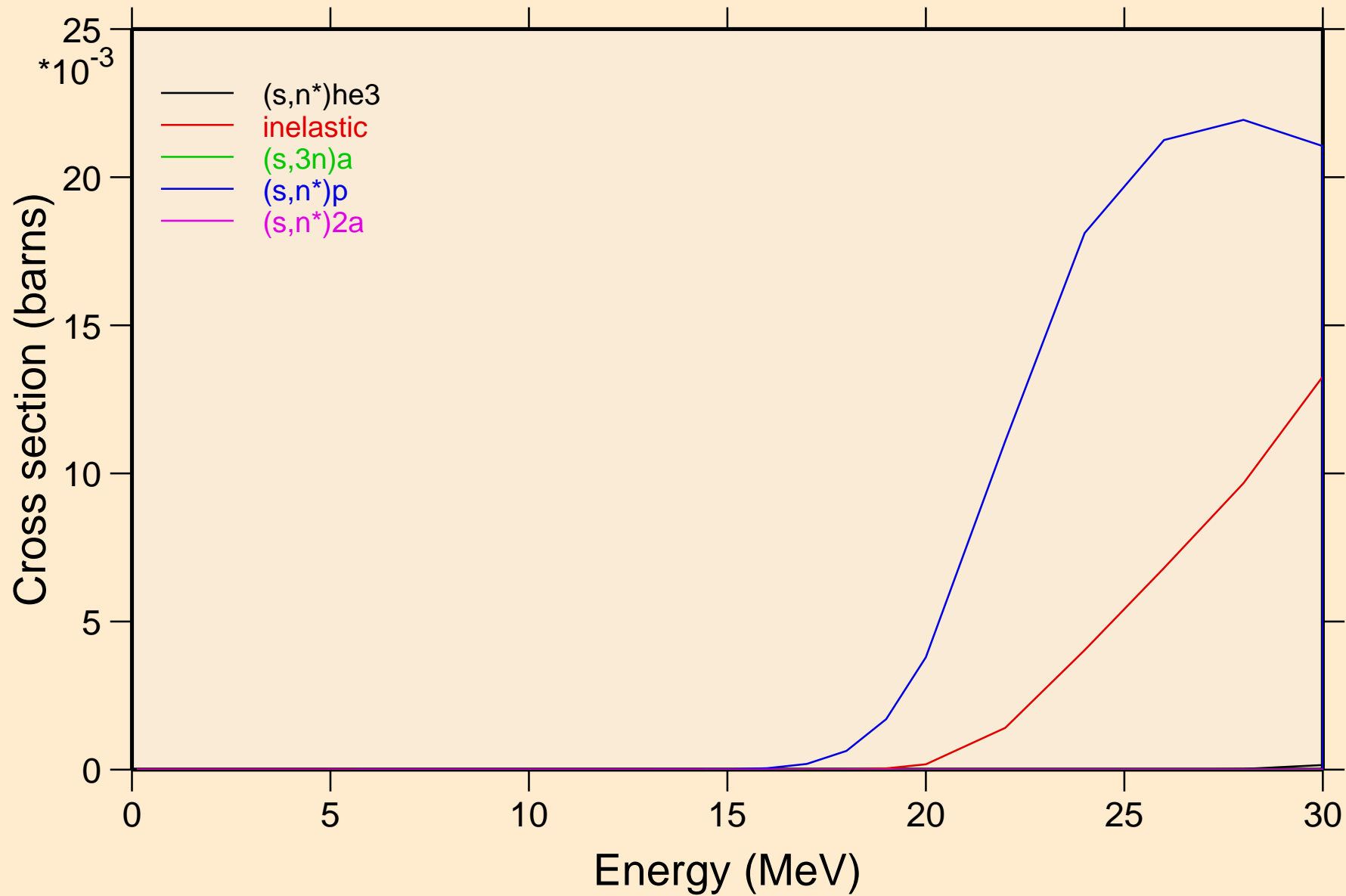
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

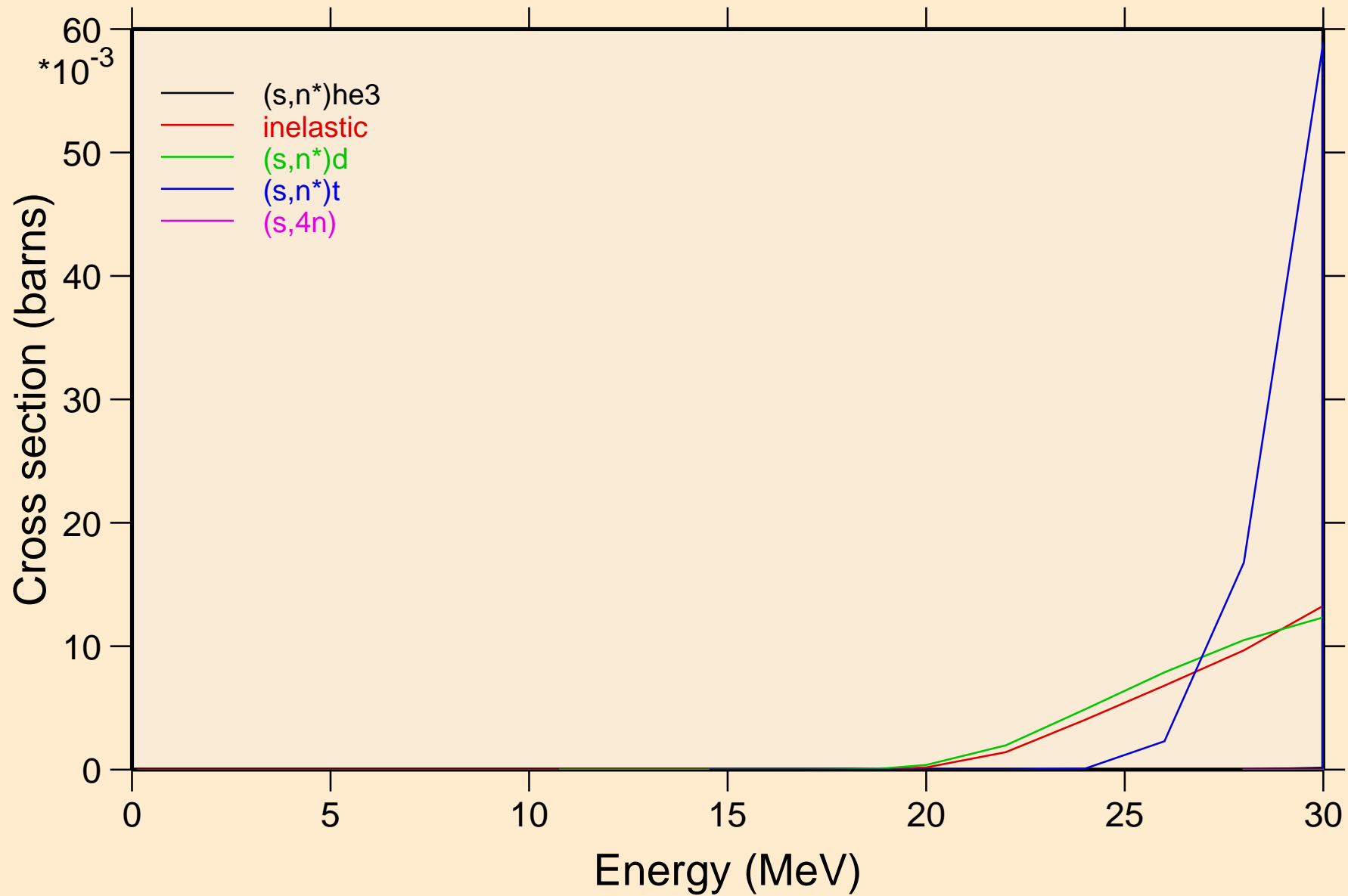


HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



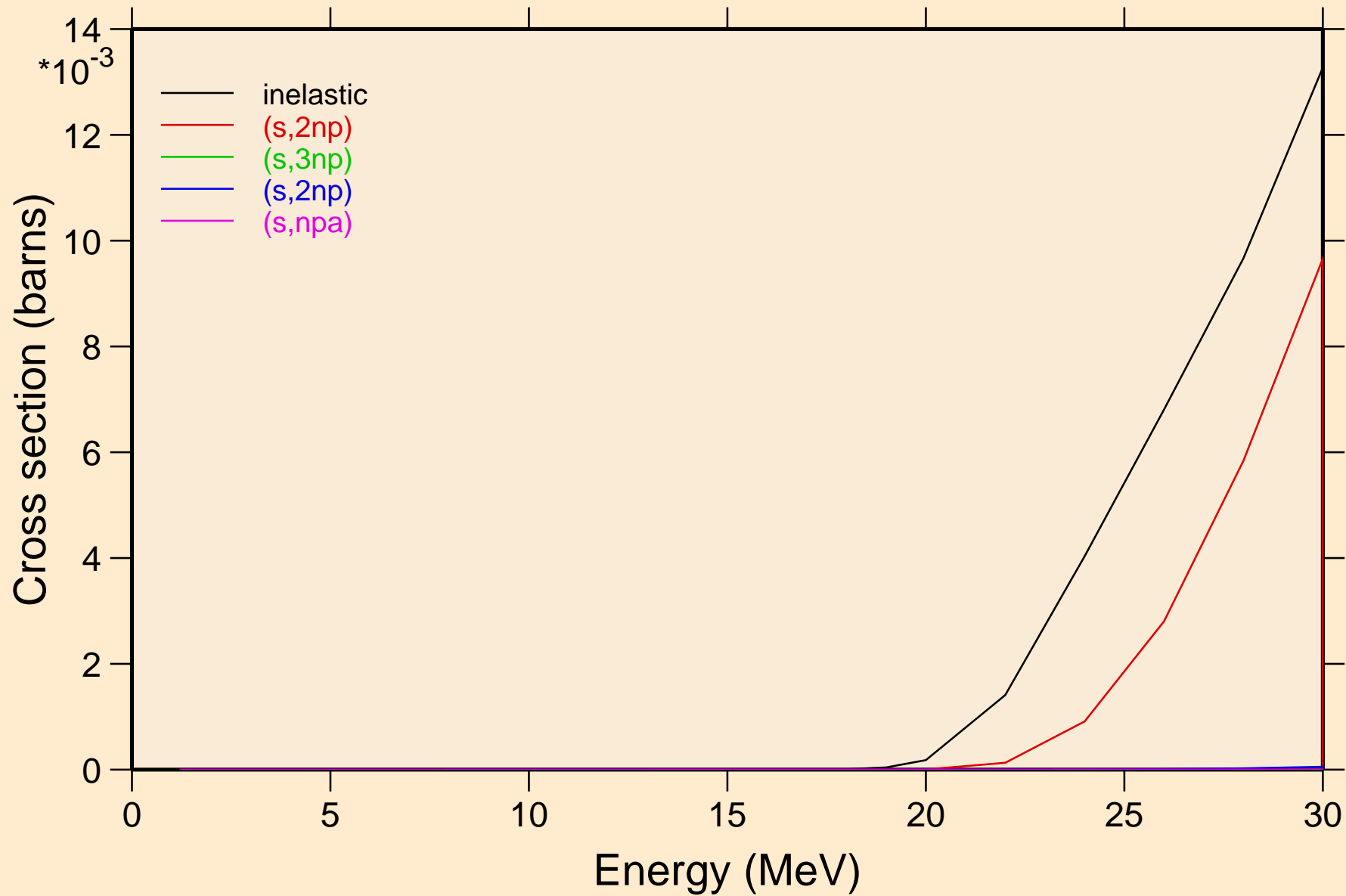
# HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



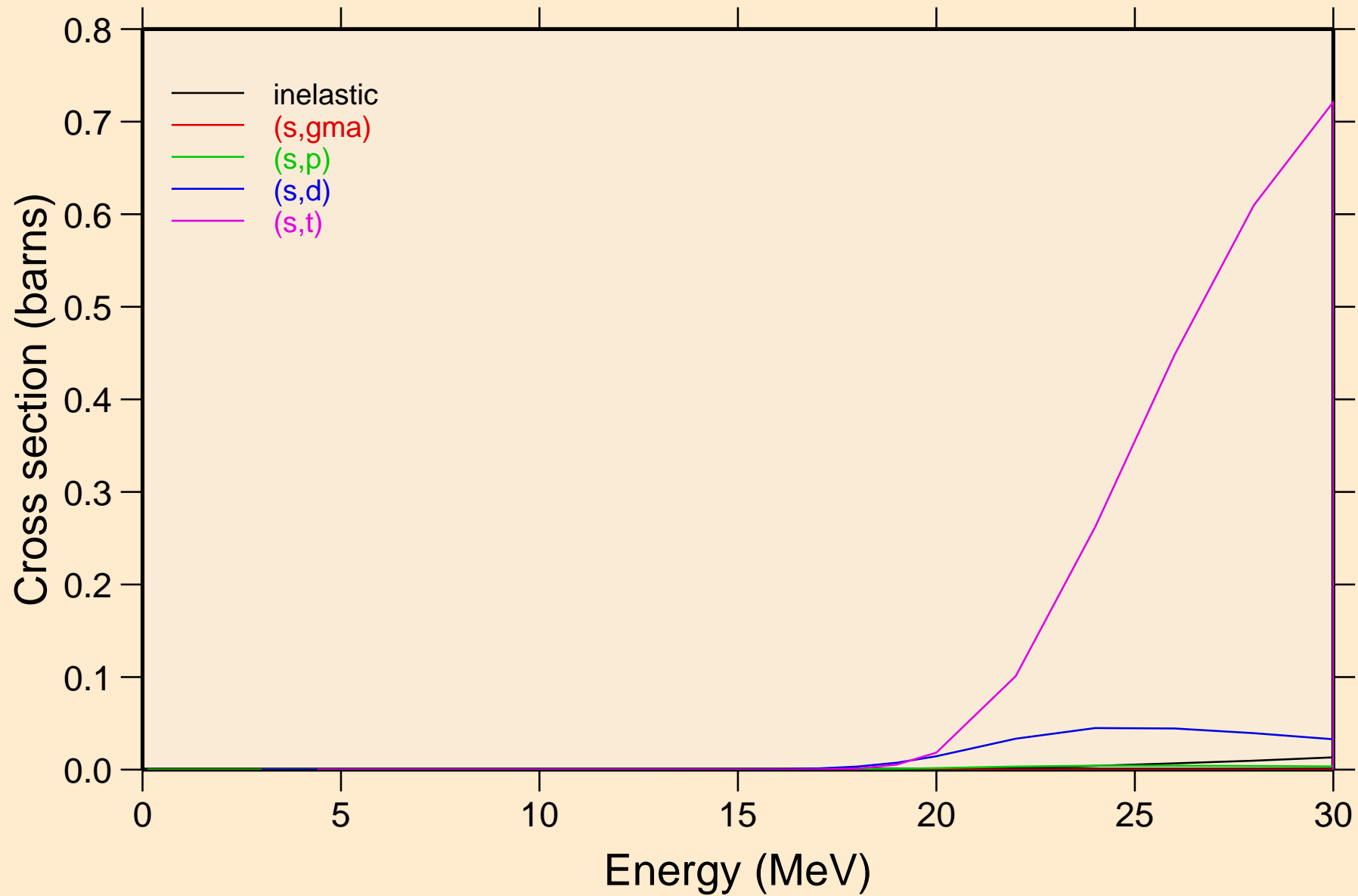


HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

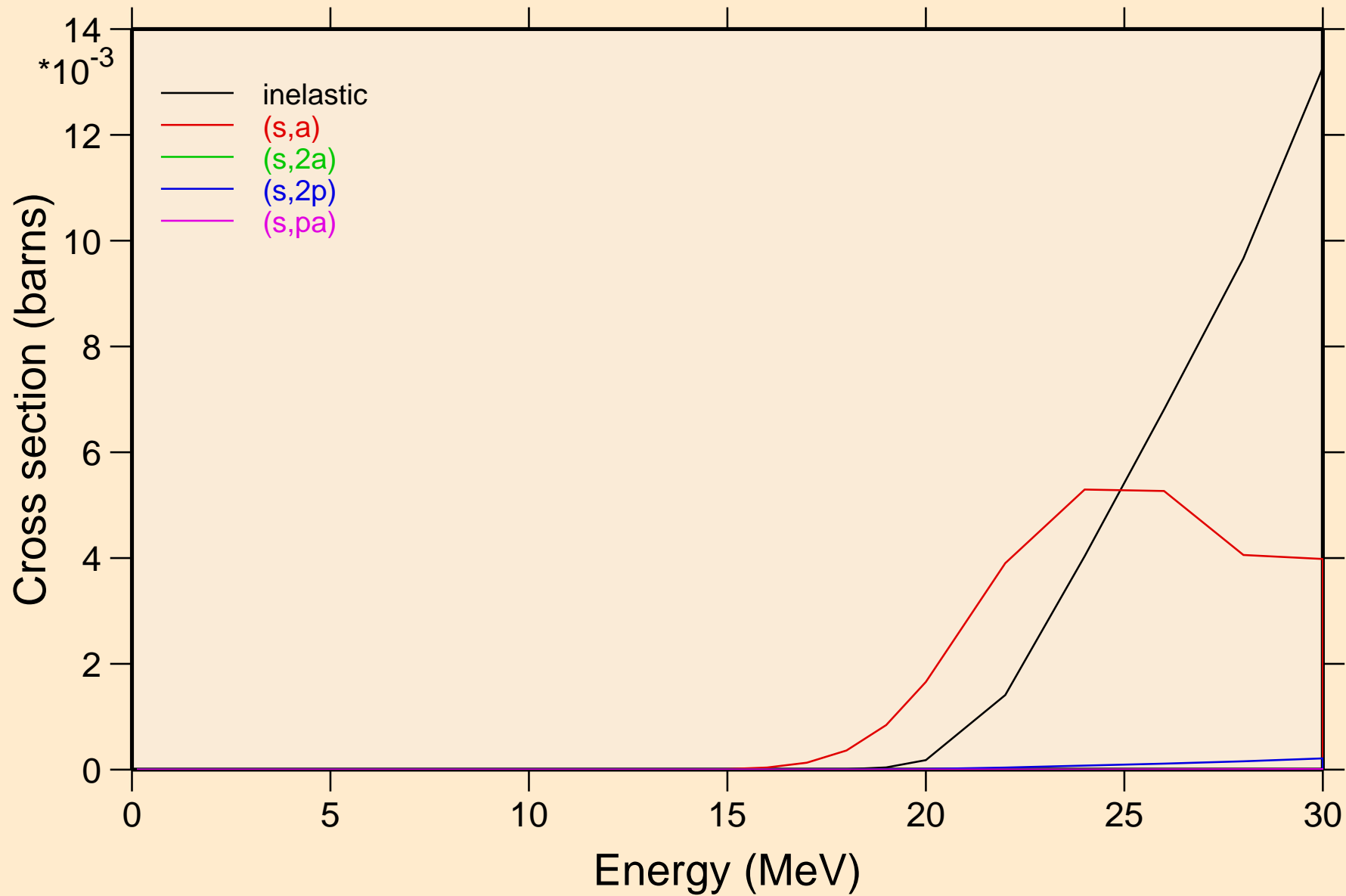


# HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

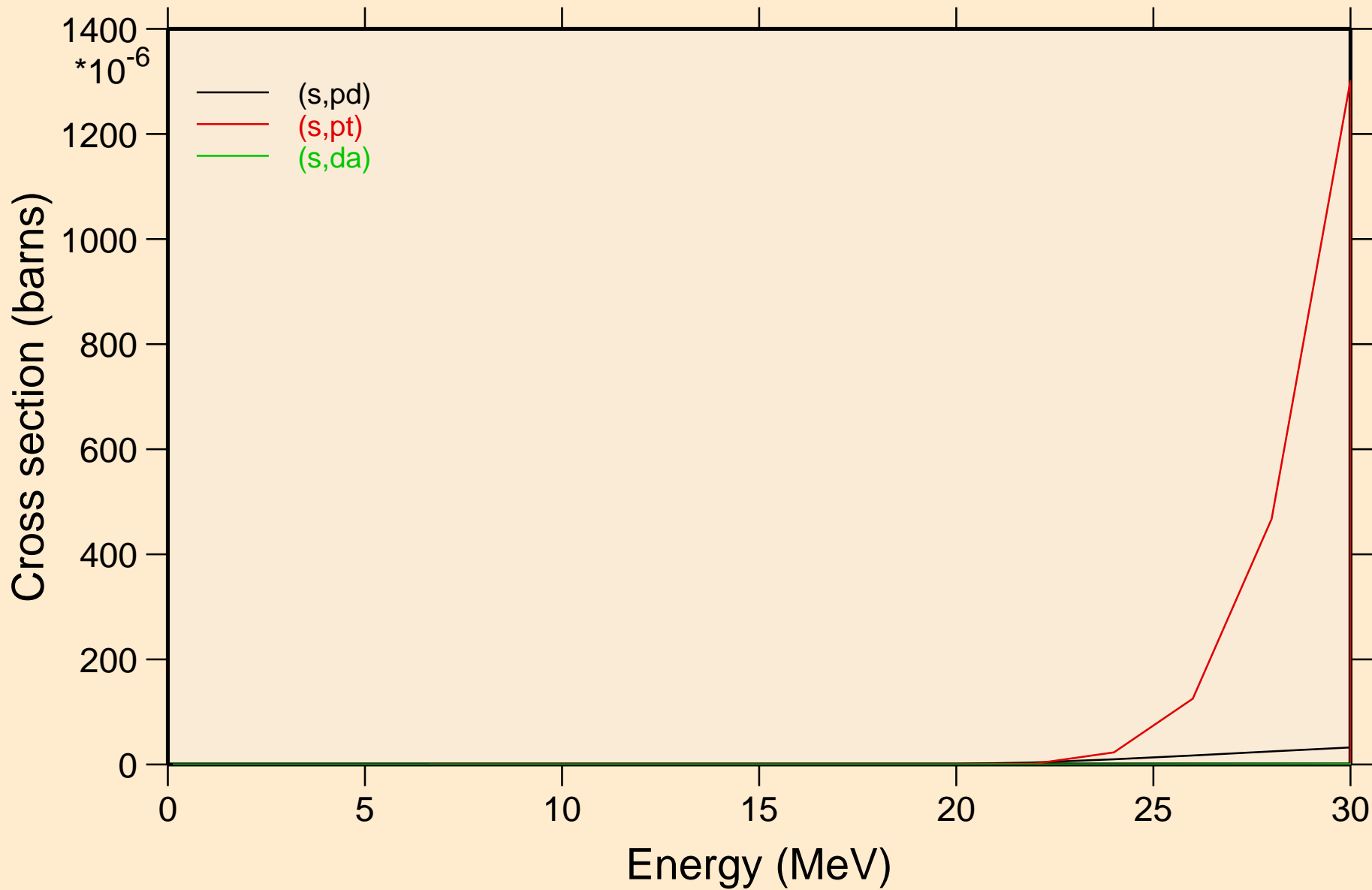


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Threshold reactions

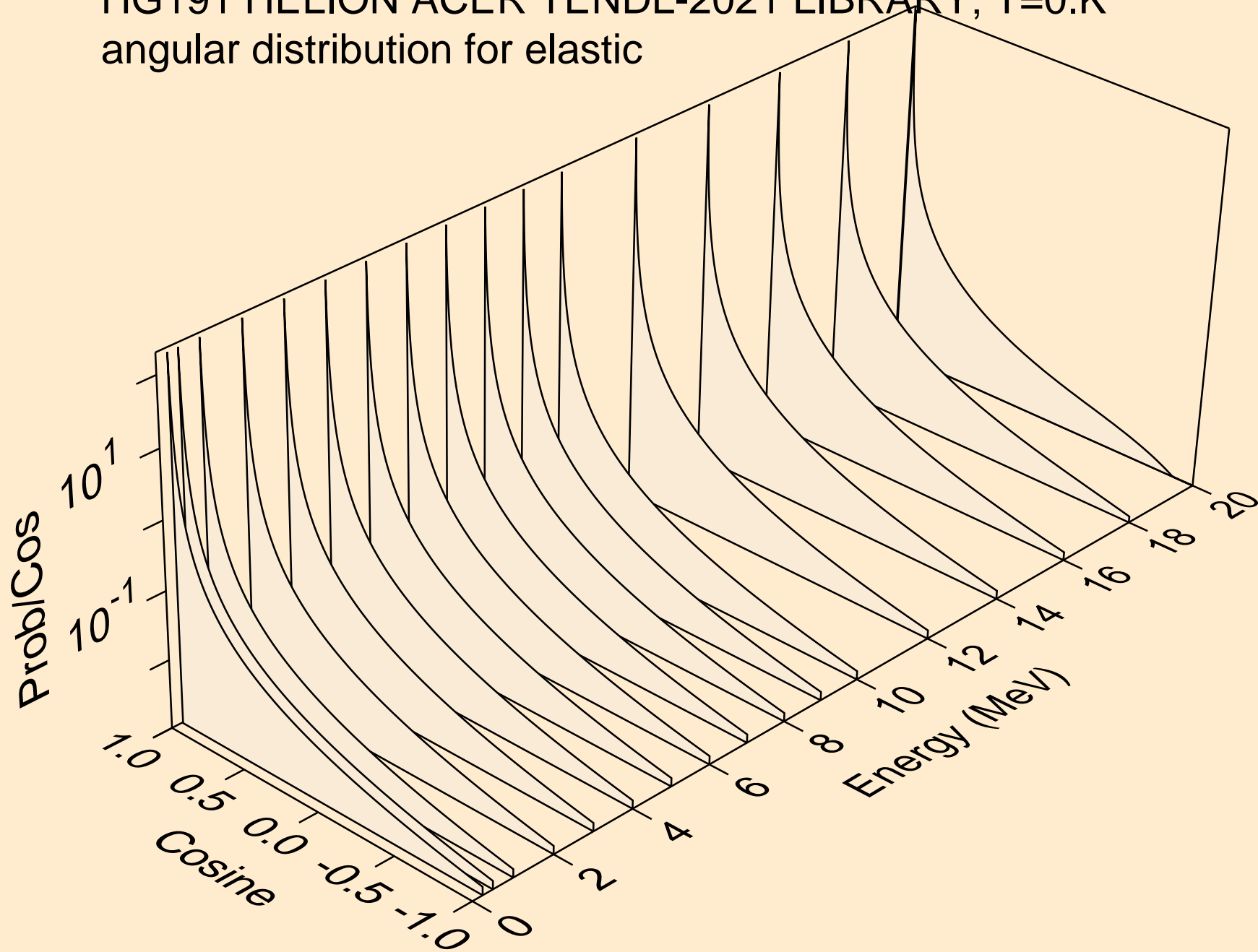


# HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K

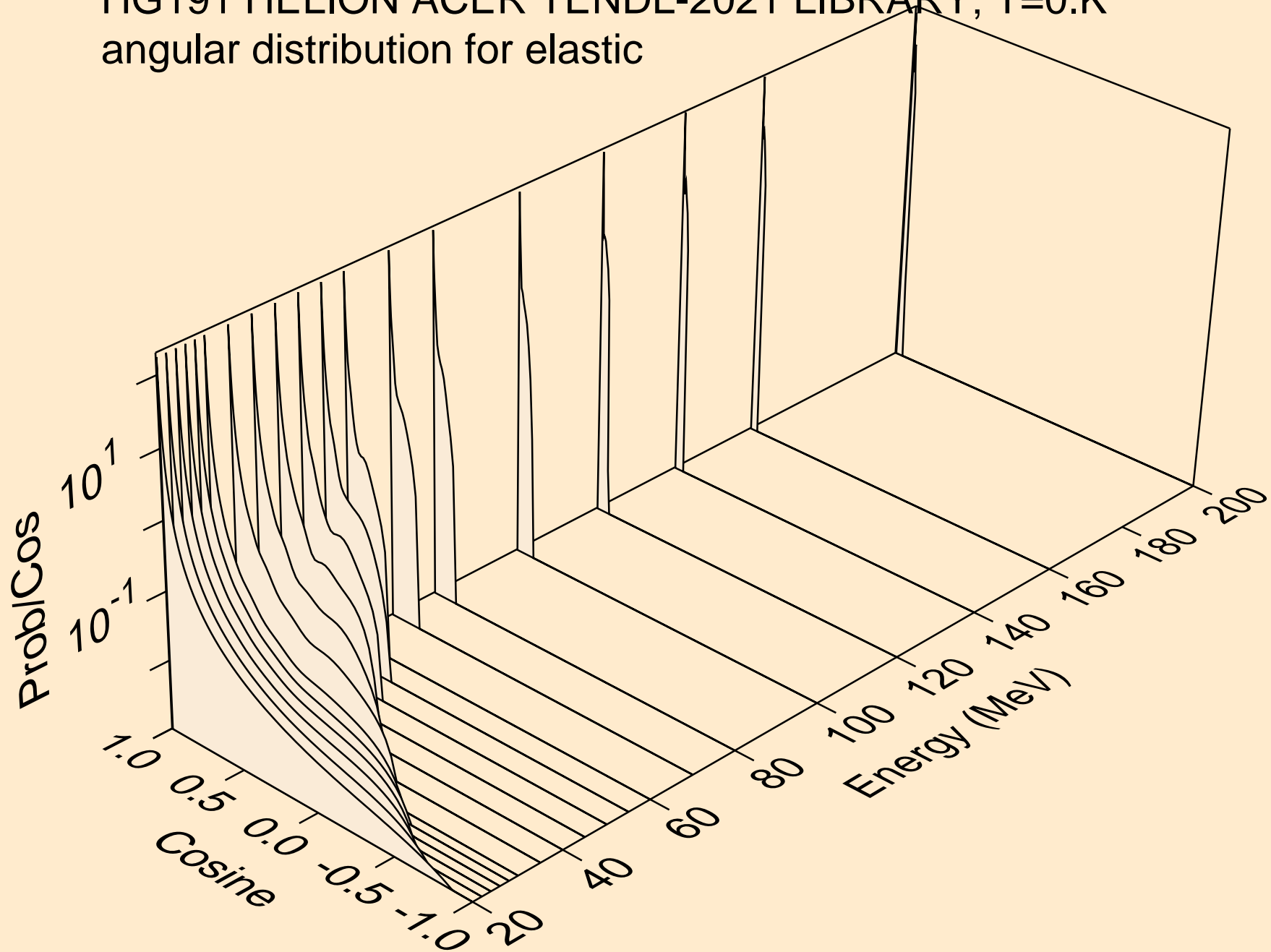
## Threshold reactions



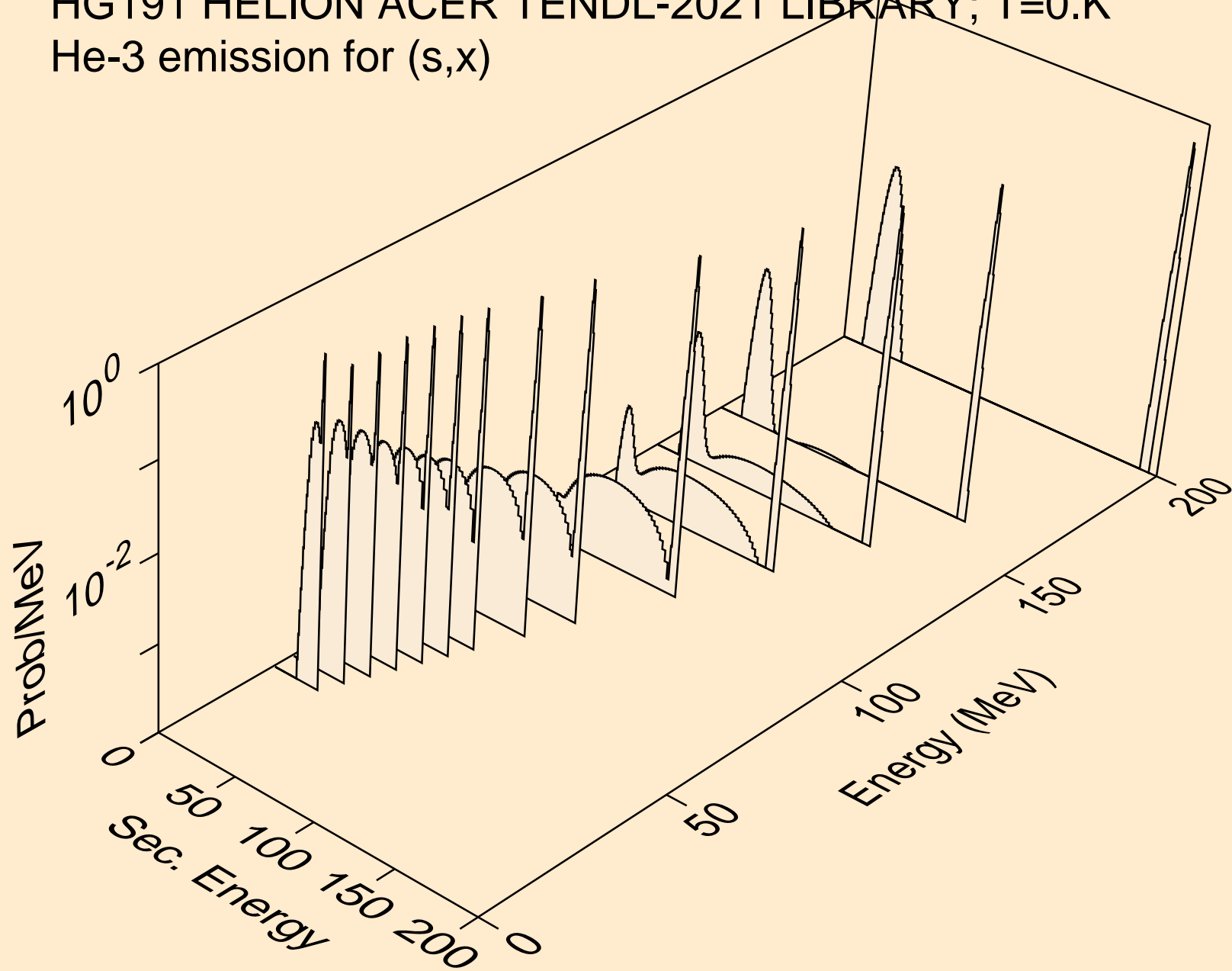
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



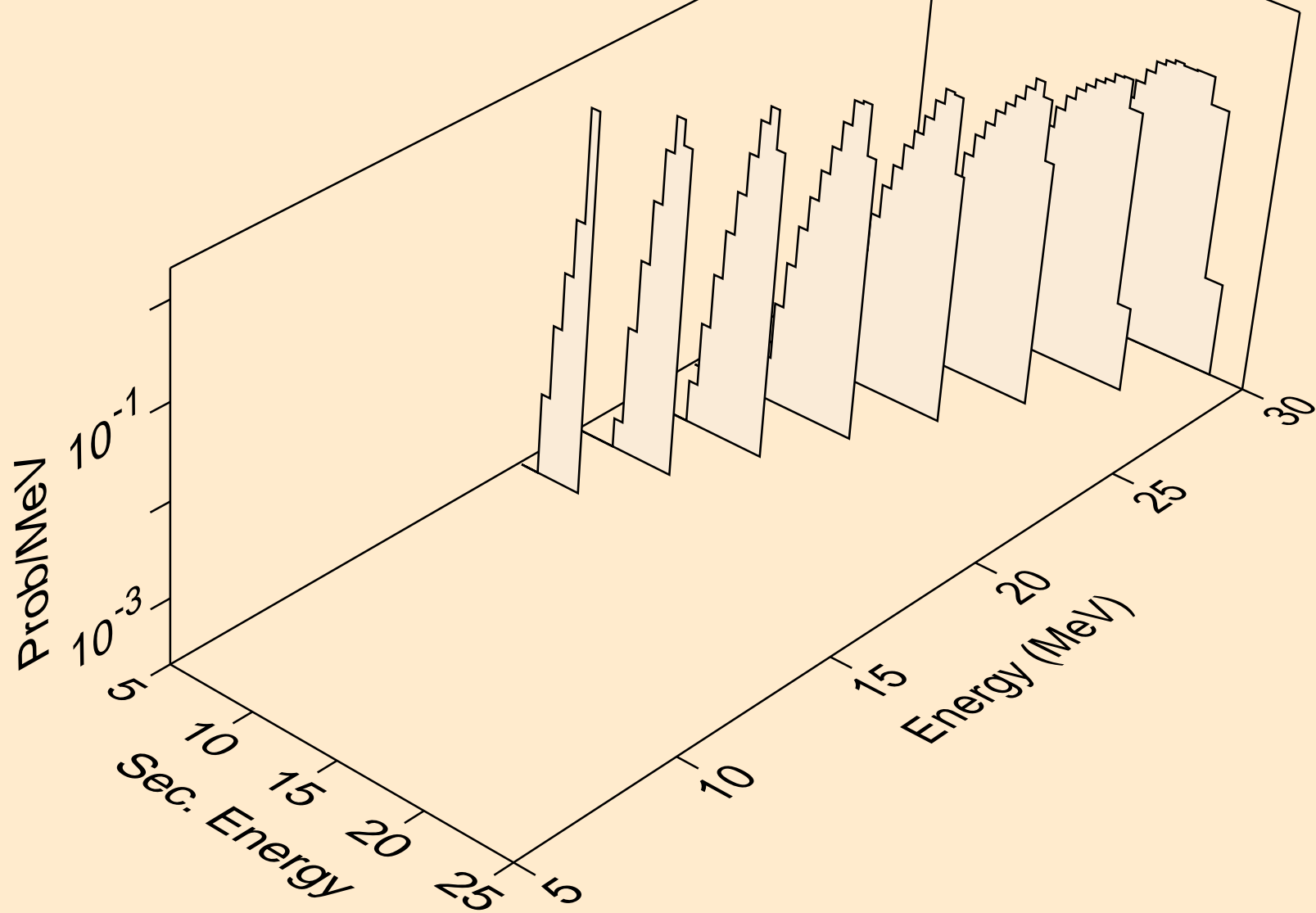
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

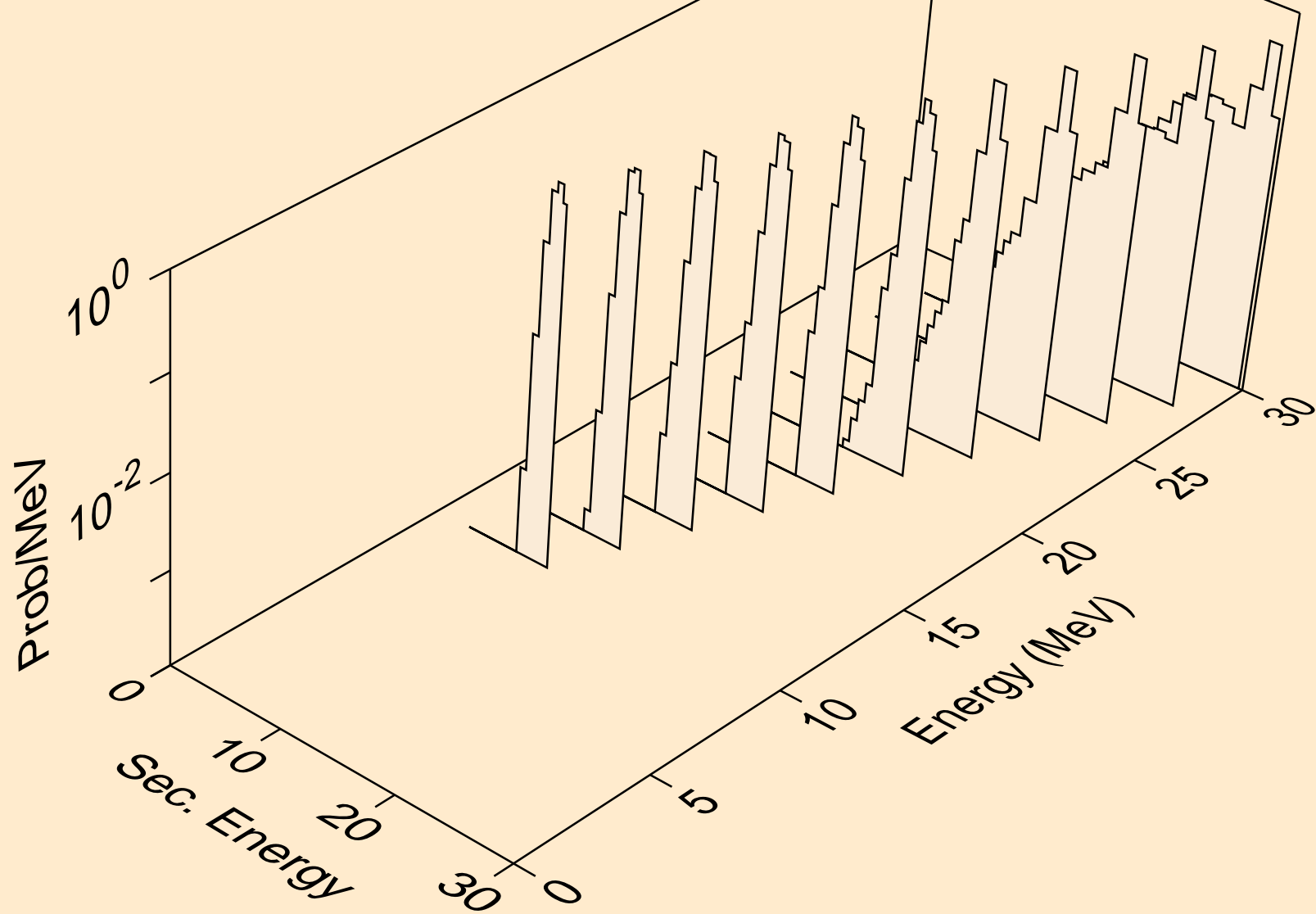


HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

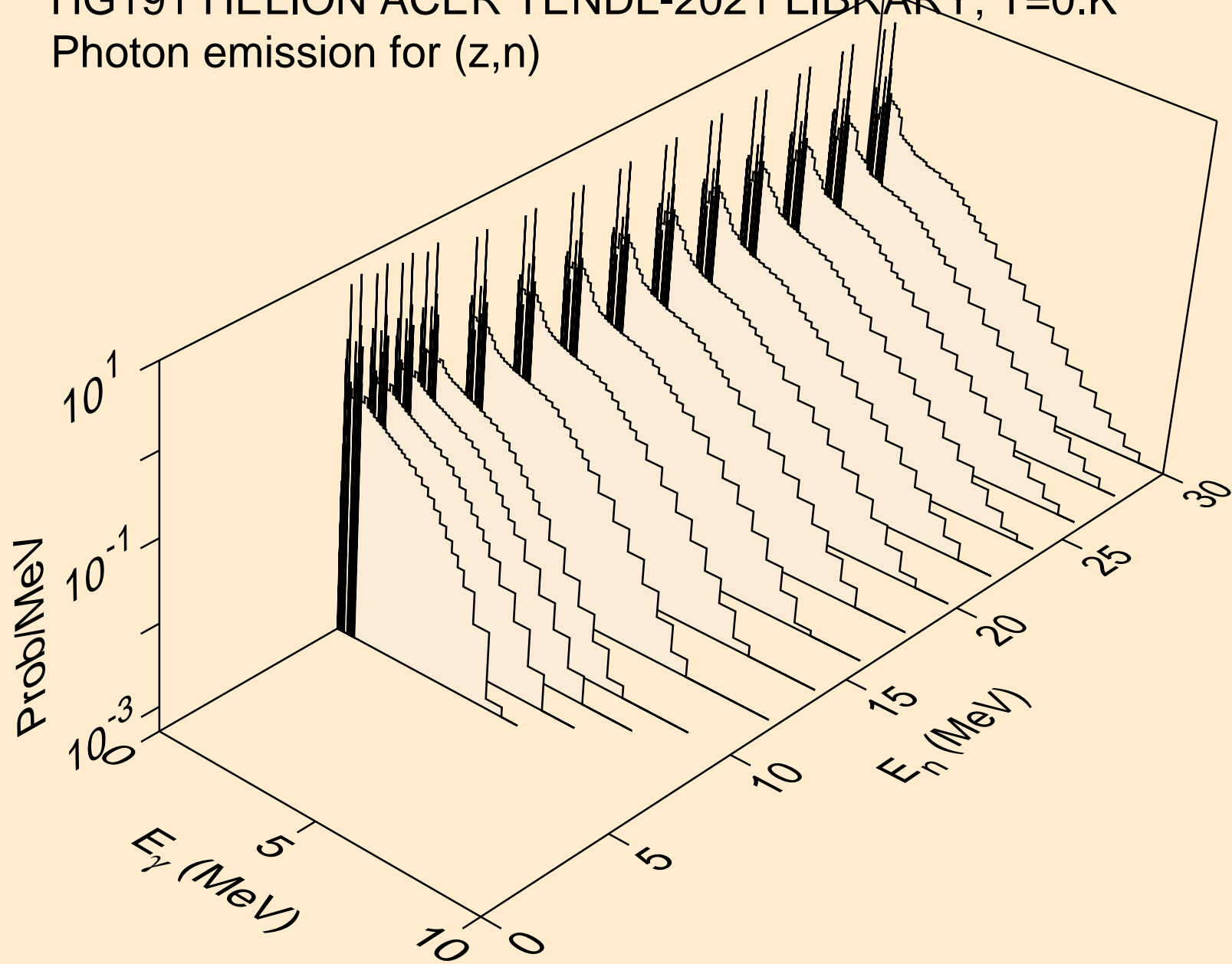




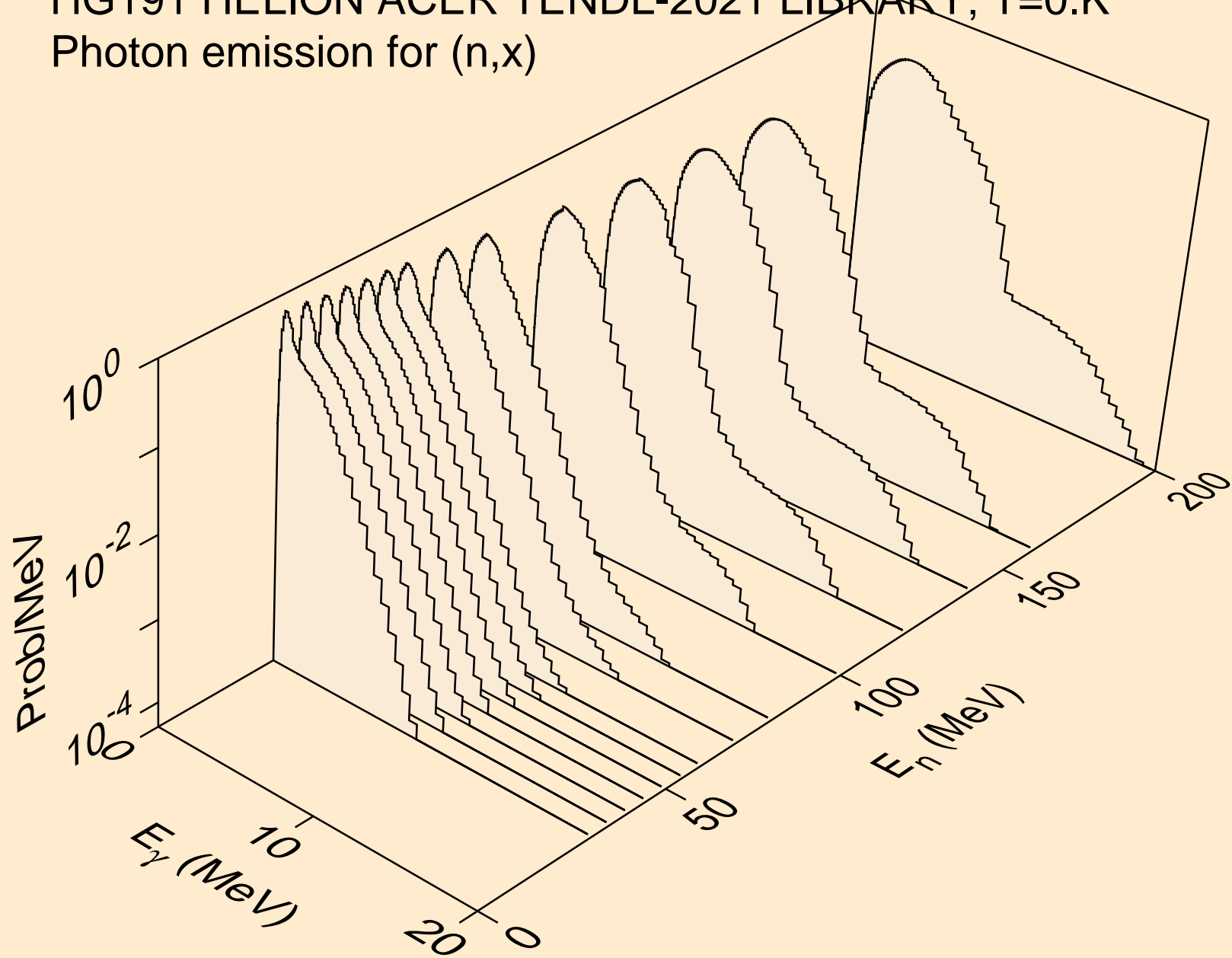
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



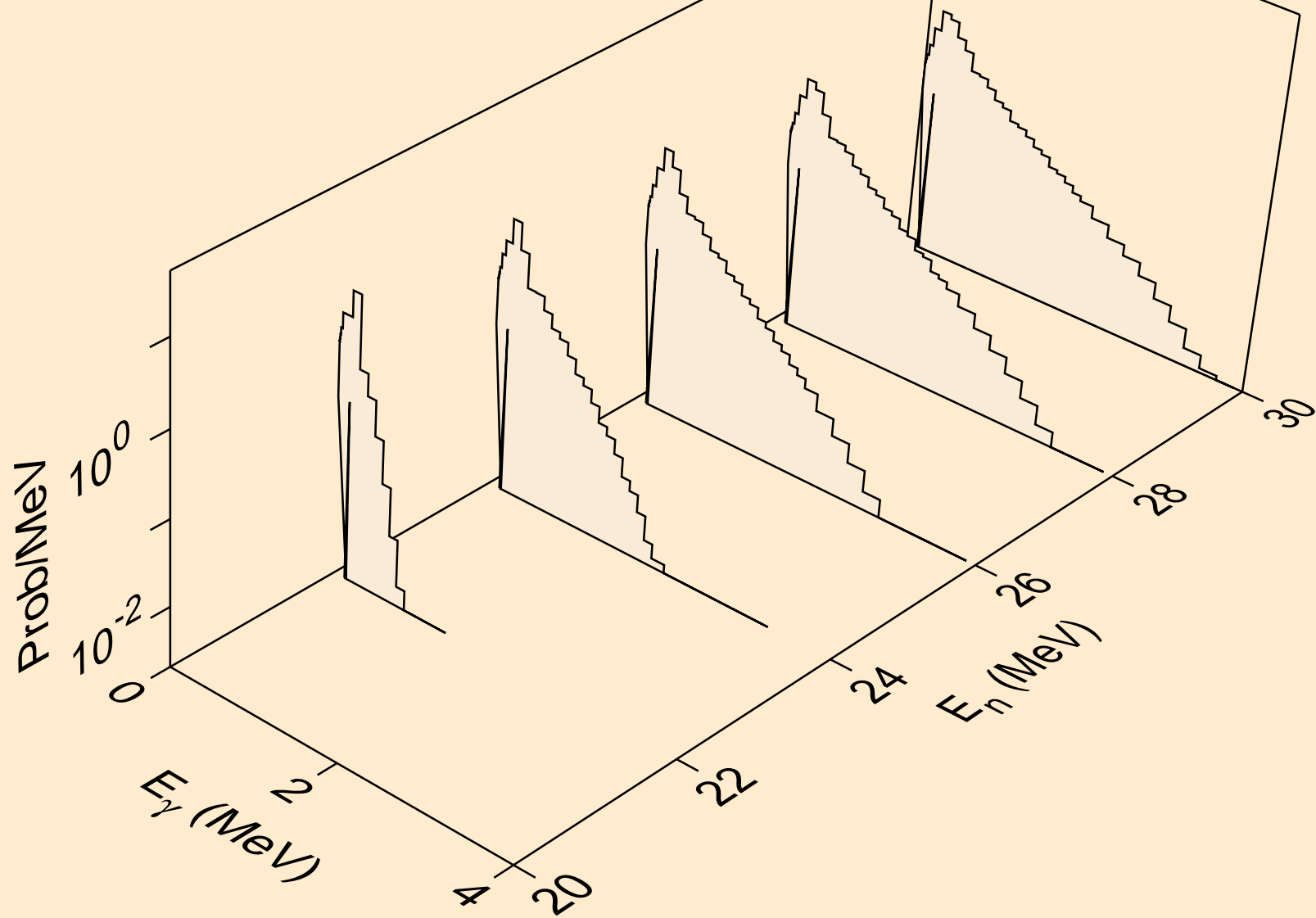
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



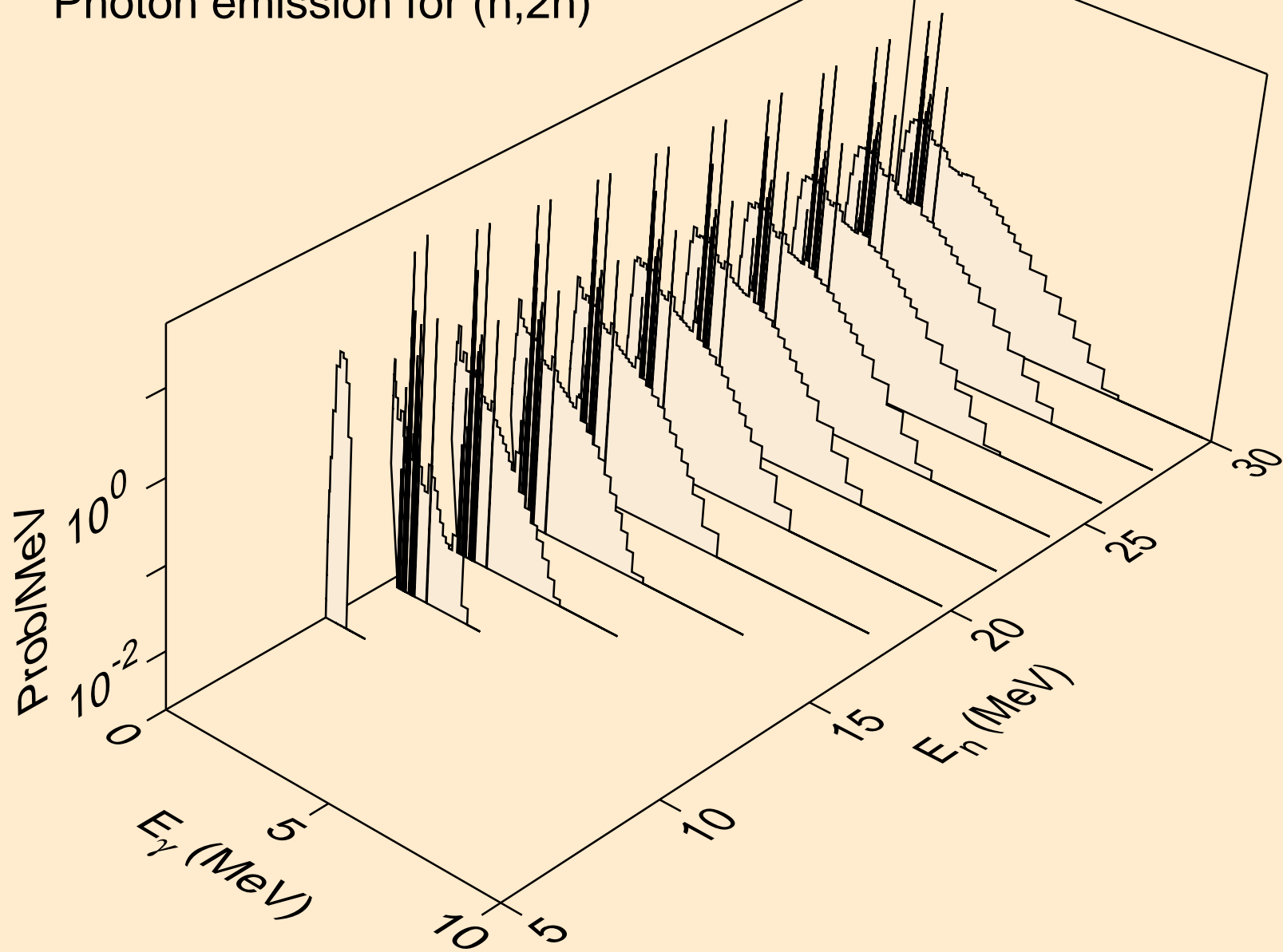
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



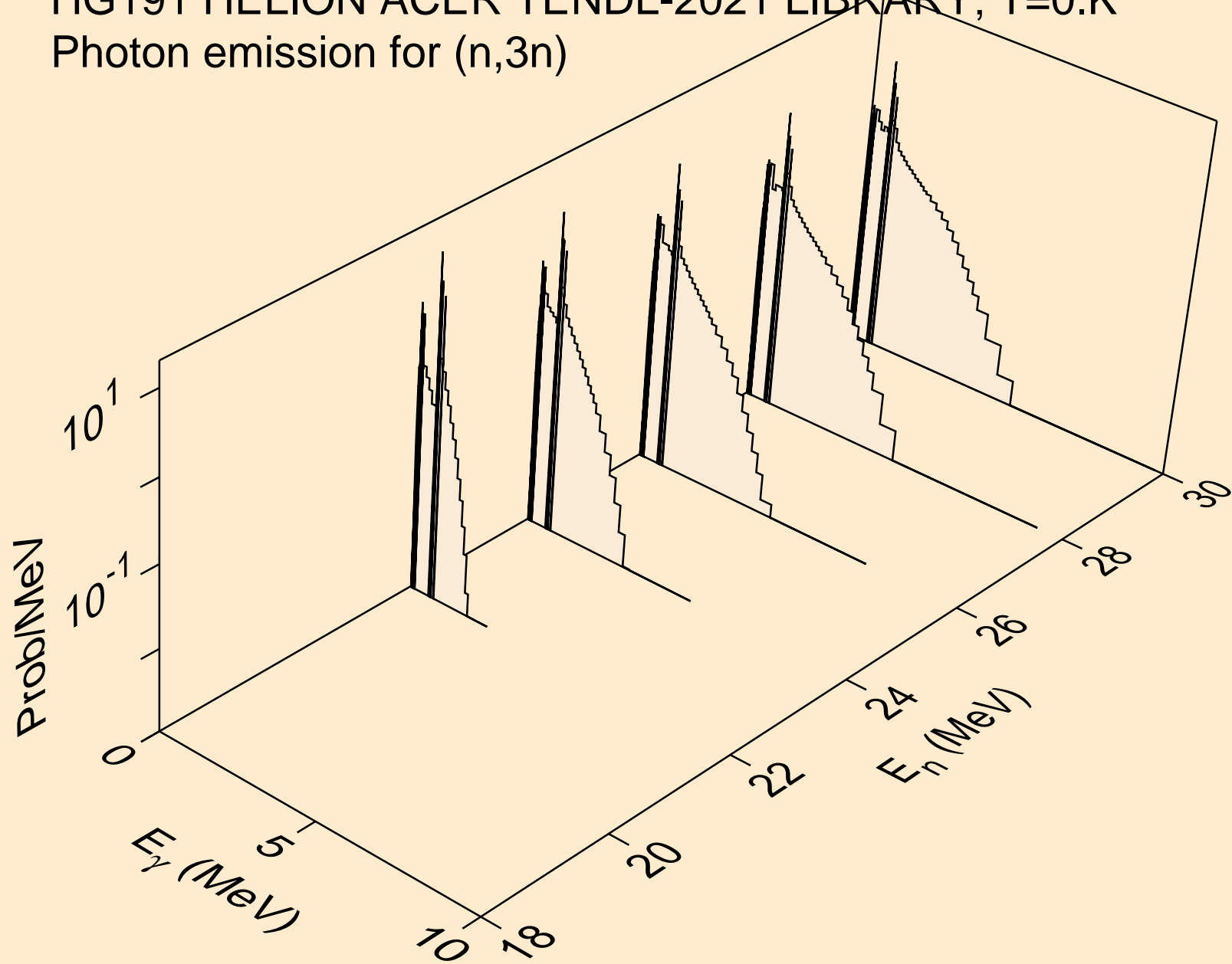
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



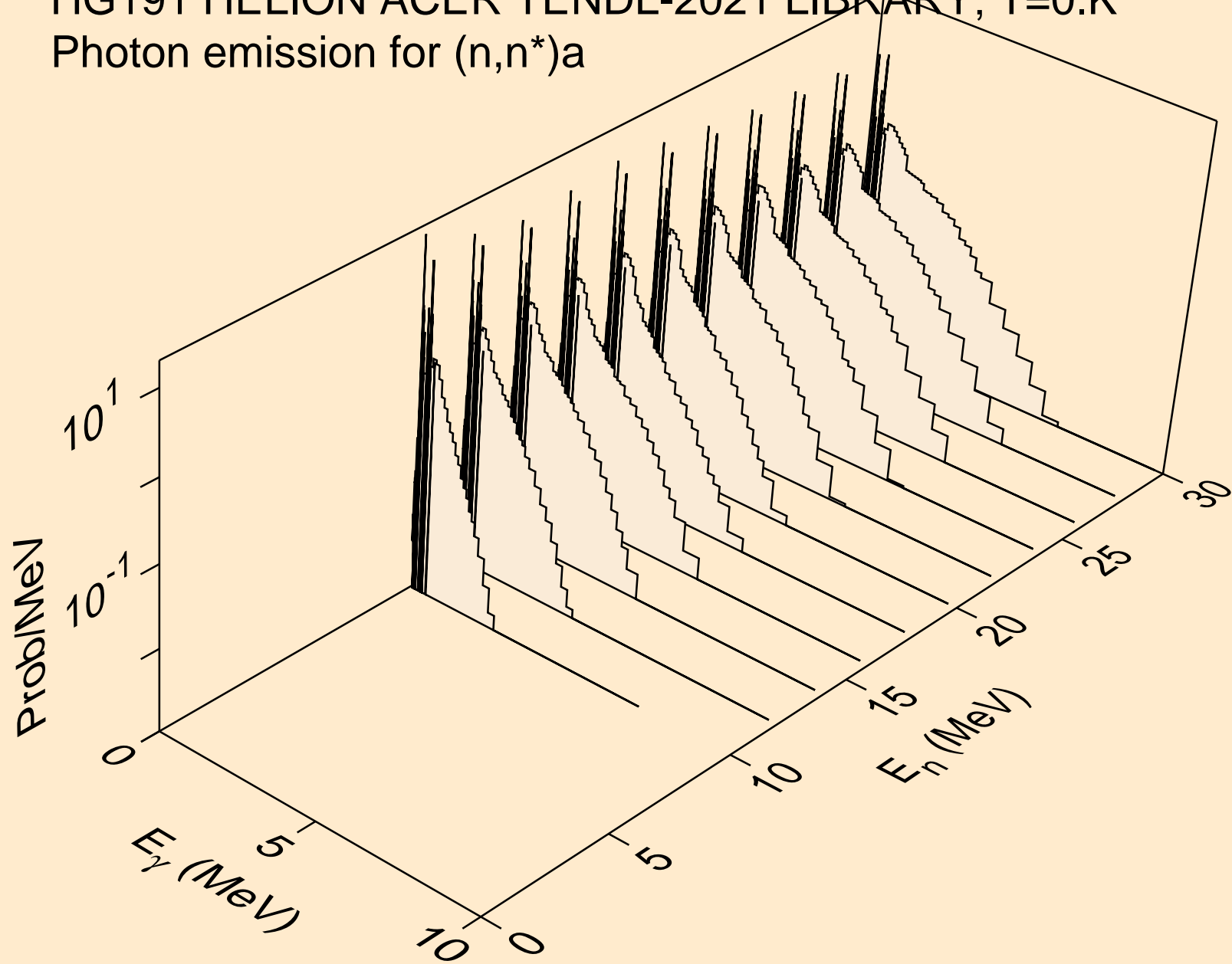
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



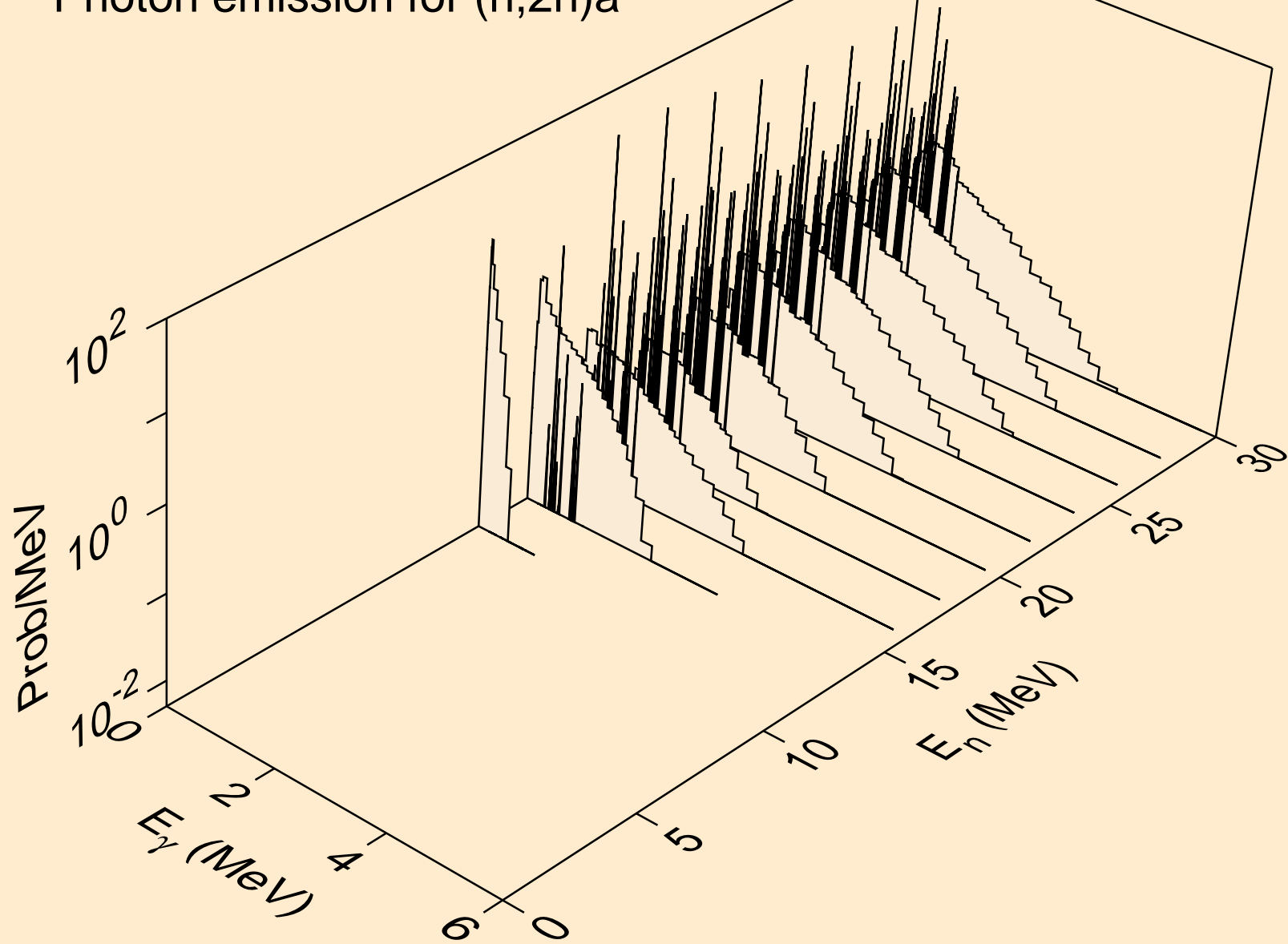
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

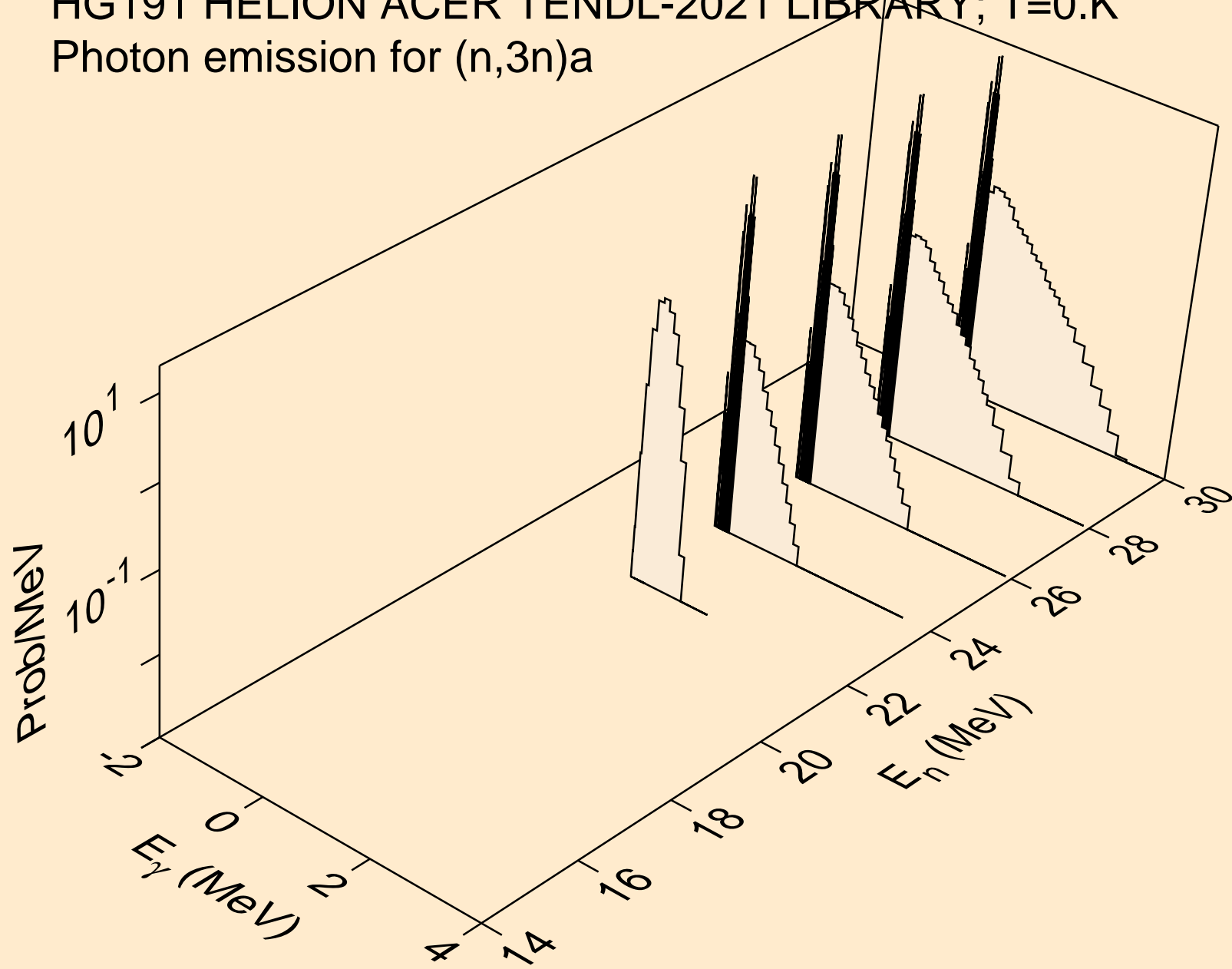


HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

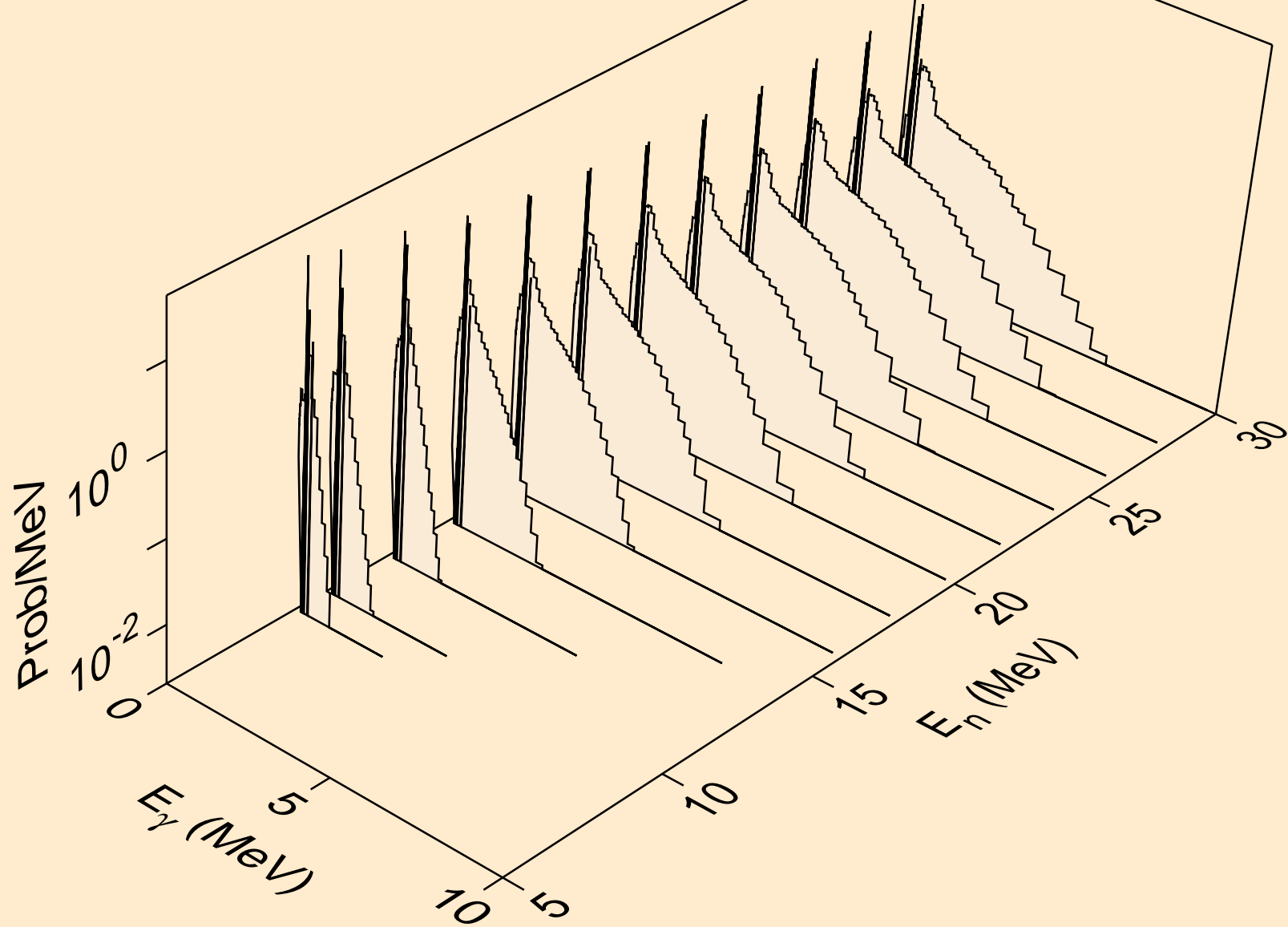




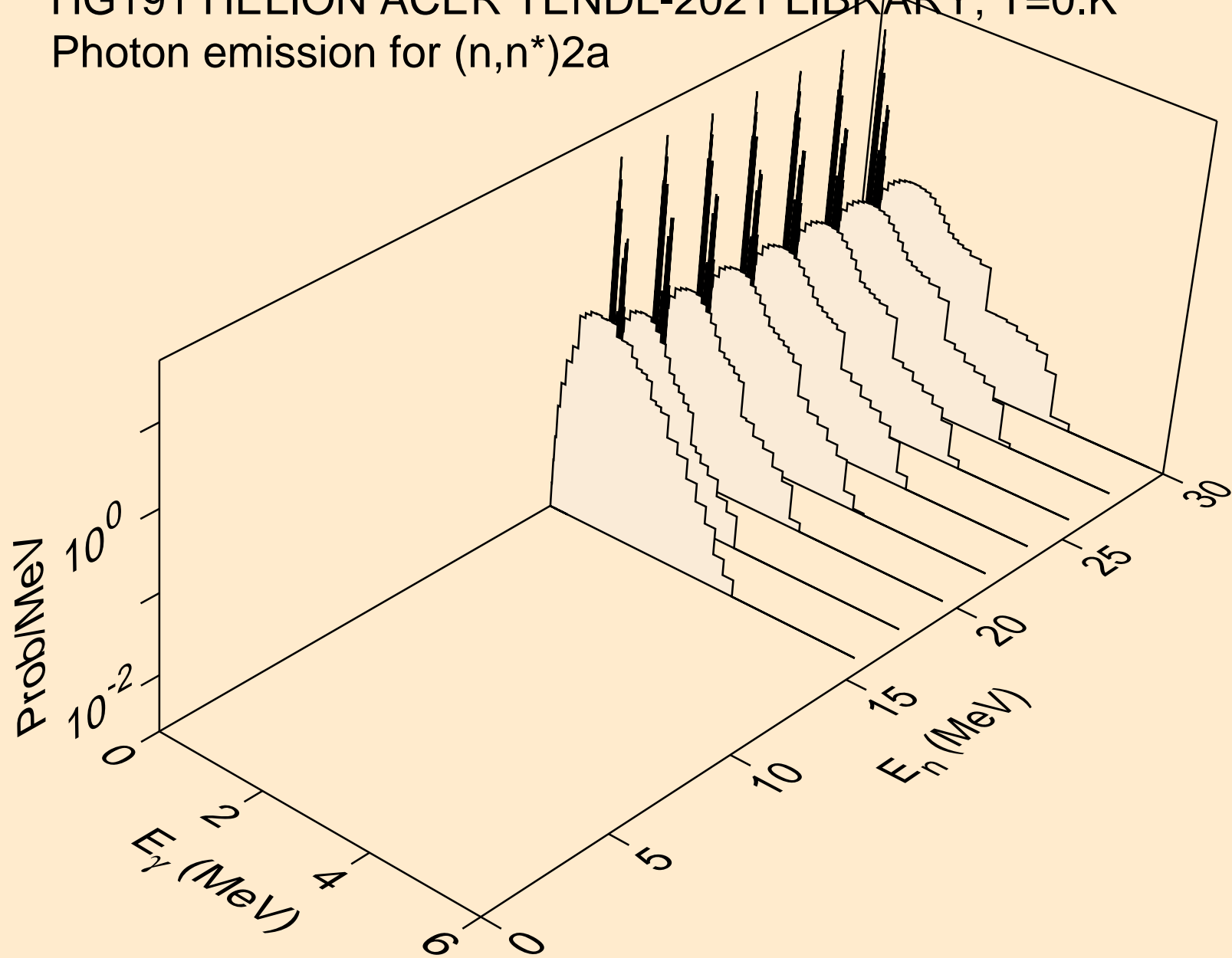
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



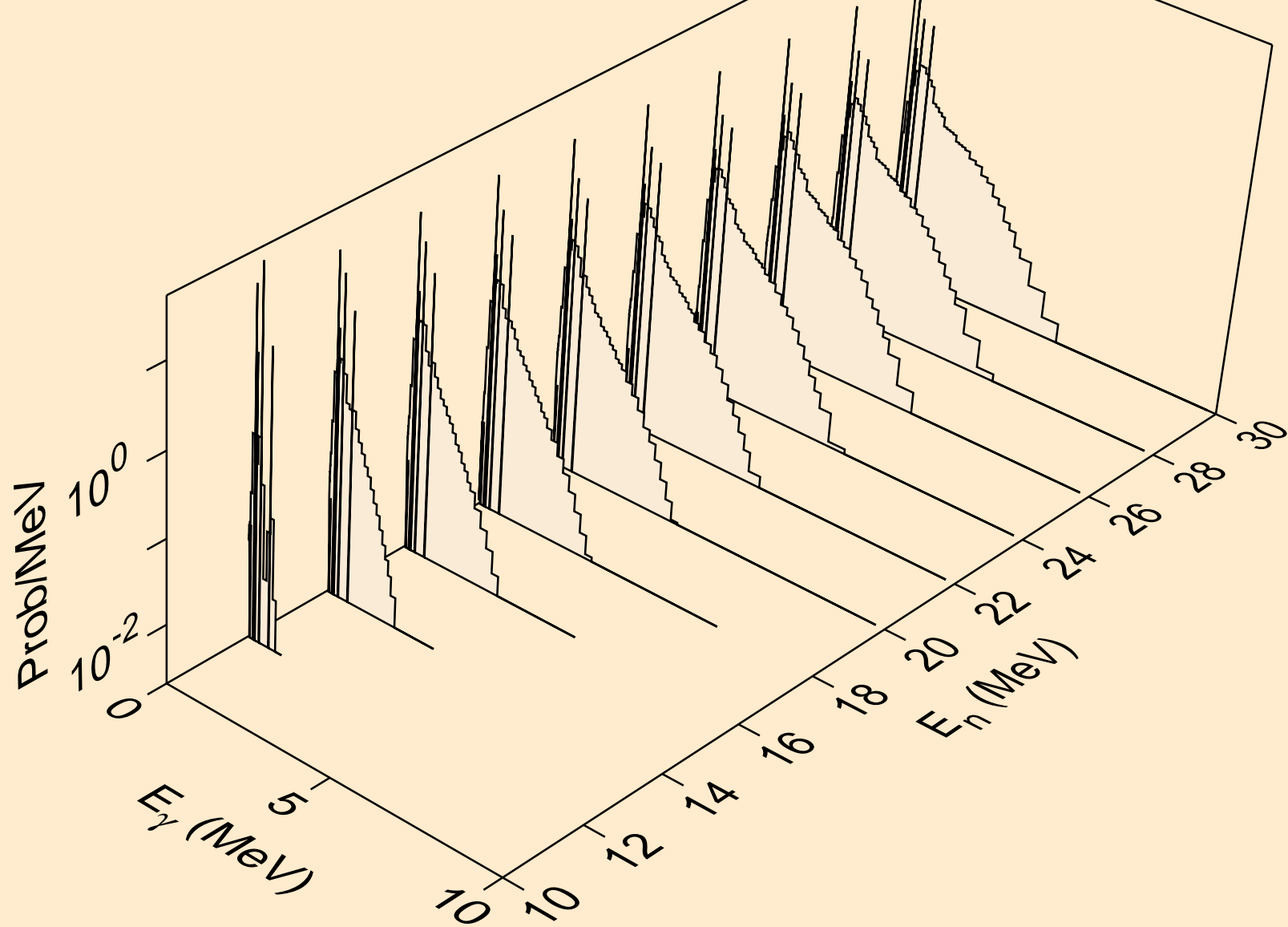
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



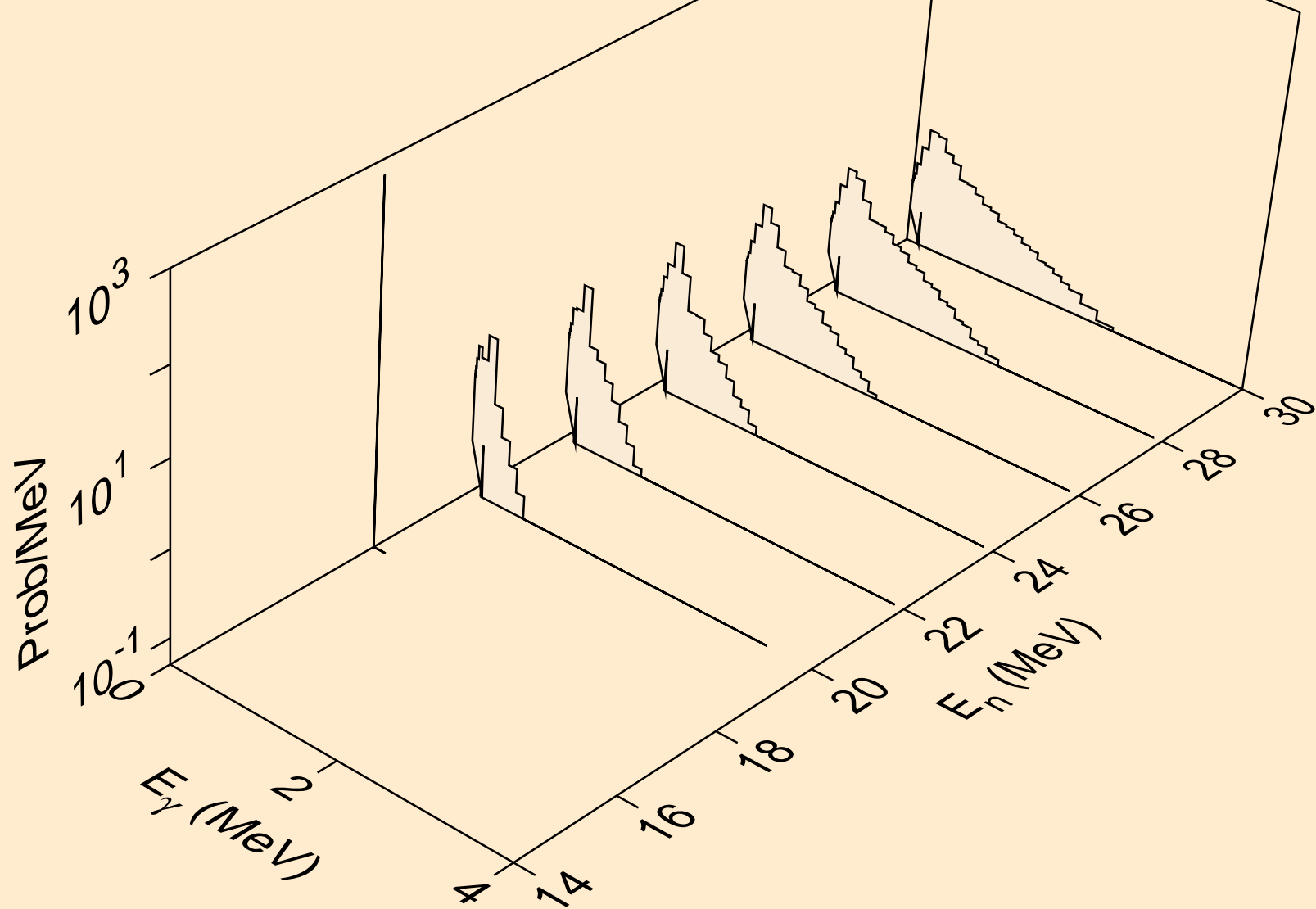
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Photon emission for (n,n\*)2a



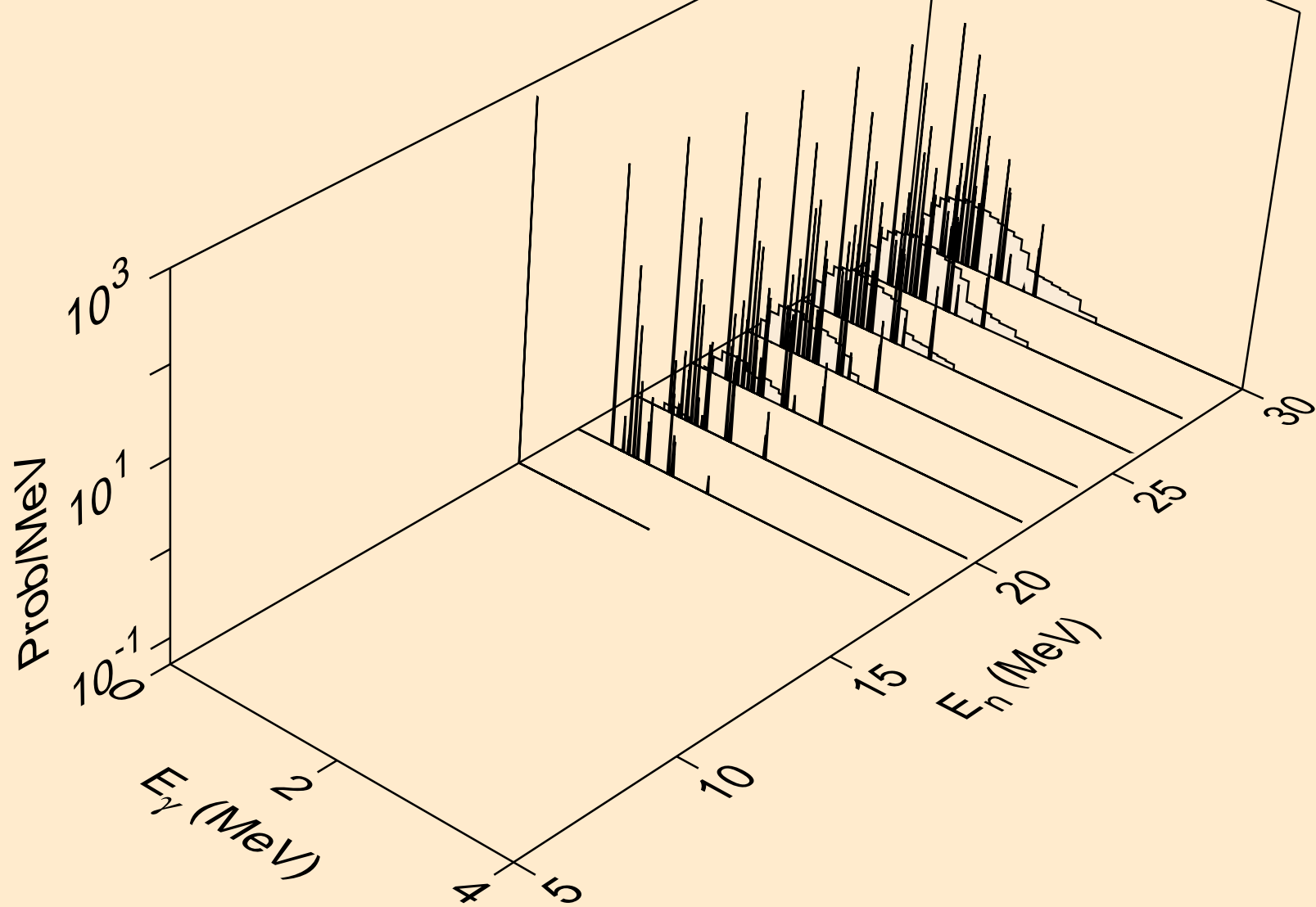
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Photon emission for (n,n\*)d



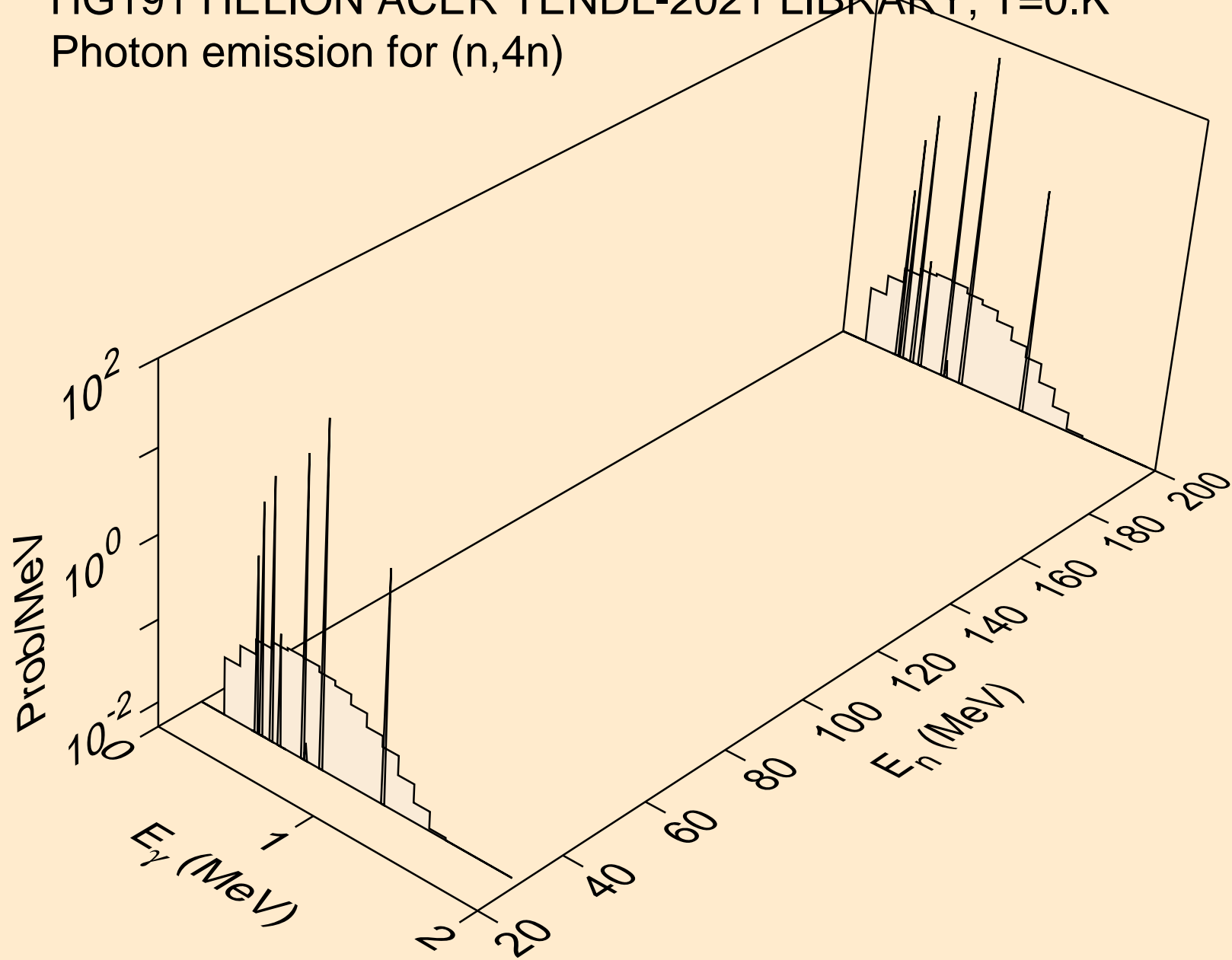
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Photon emission for (n,n\*)t



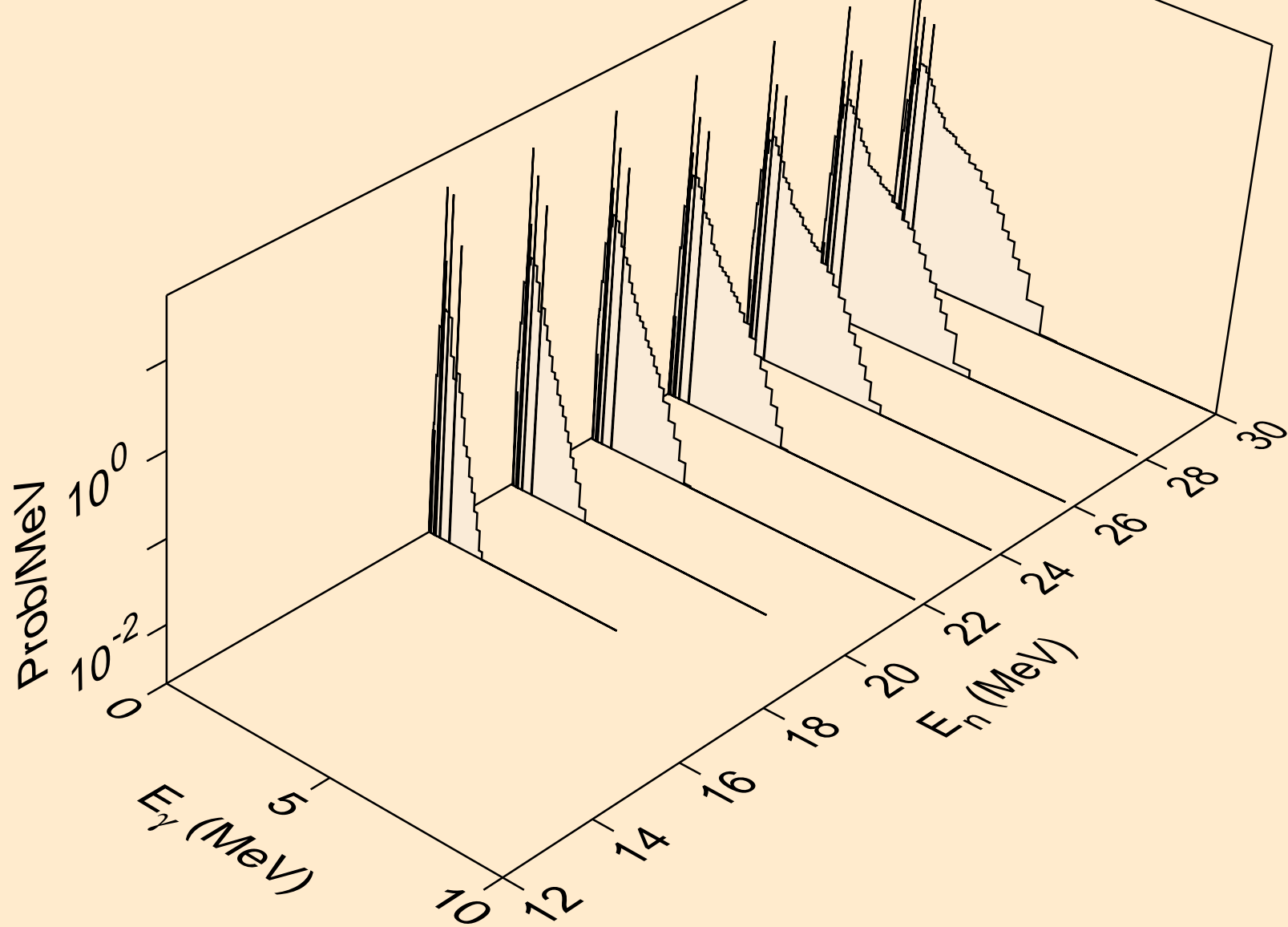
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

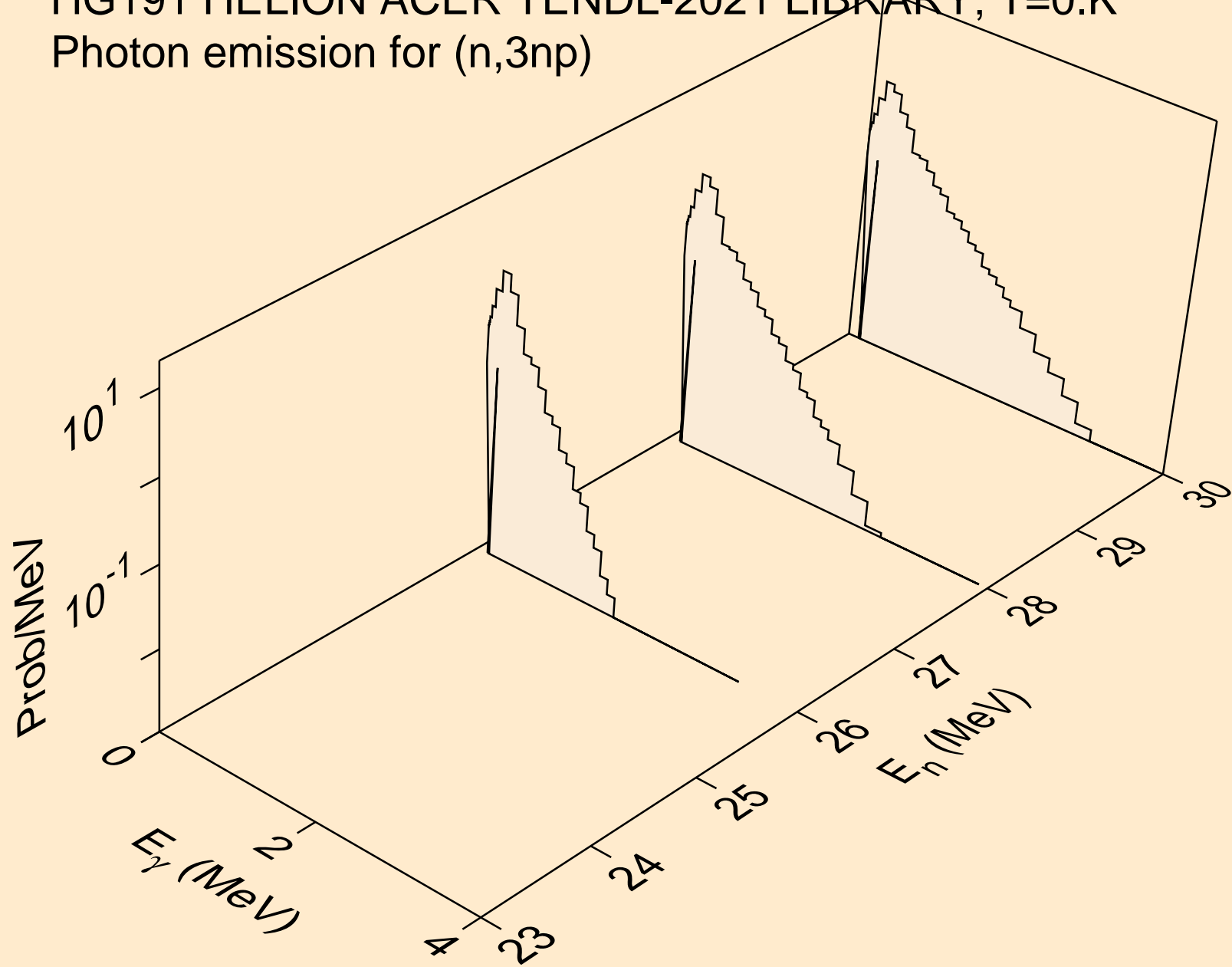


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Photon emission for (n,2np)

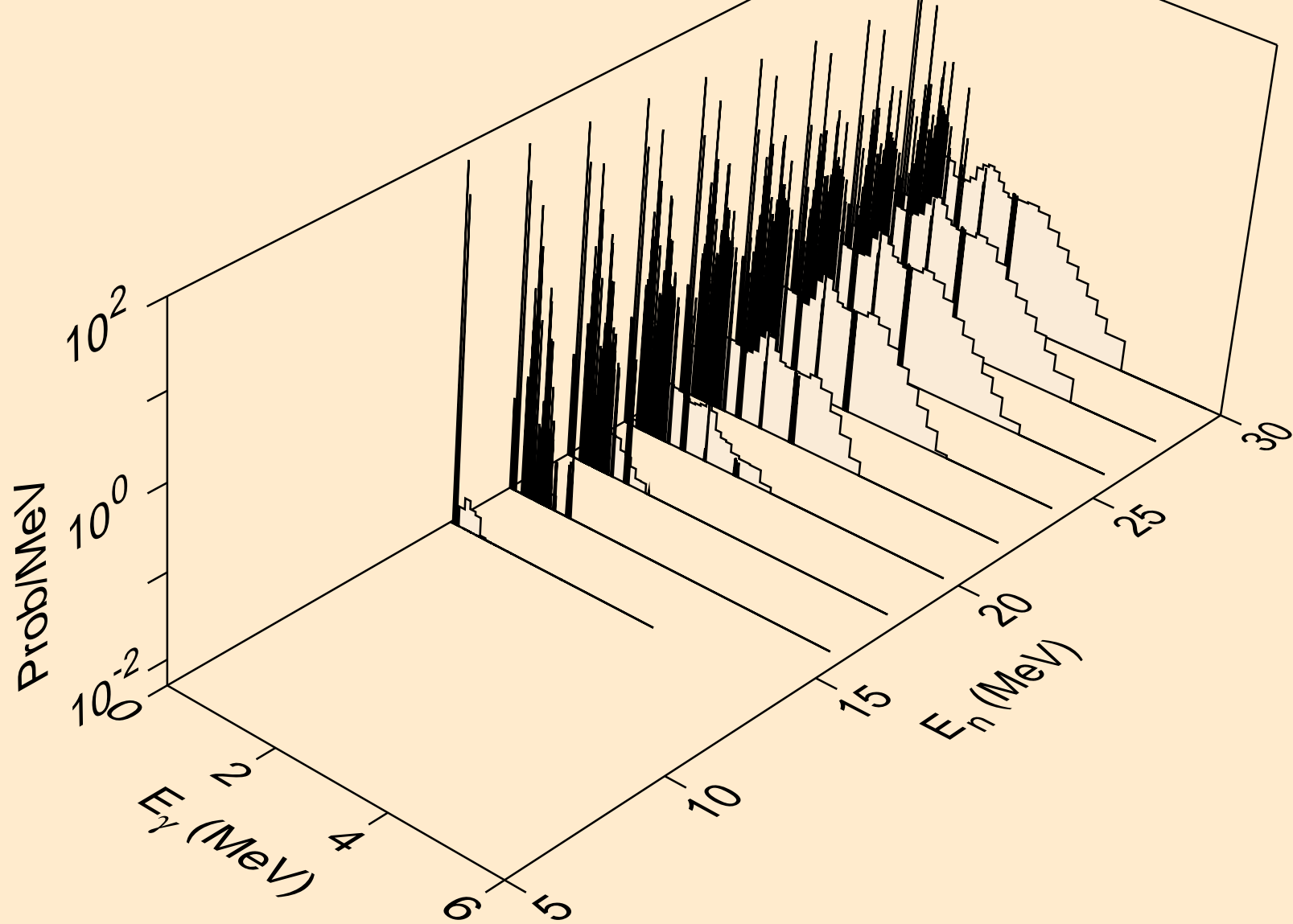




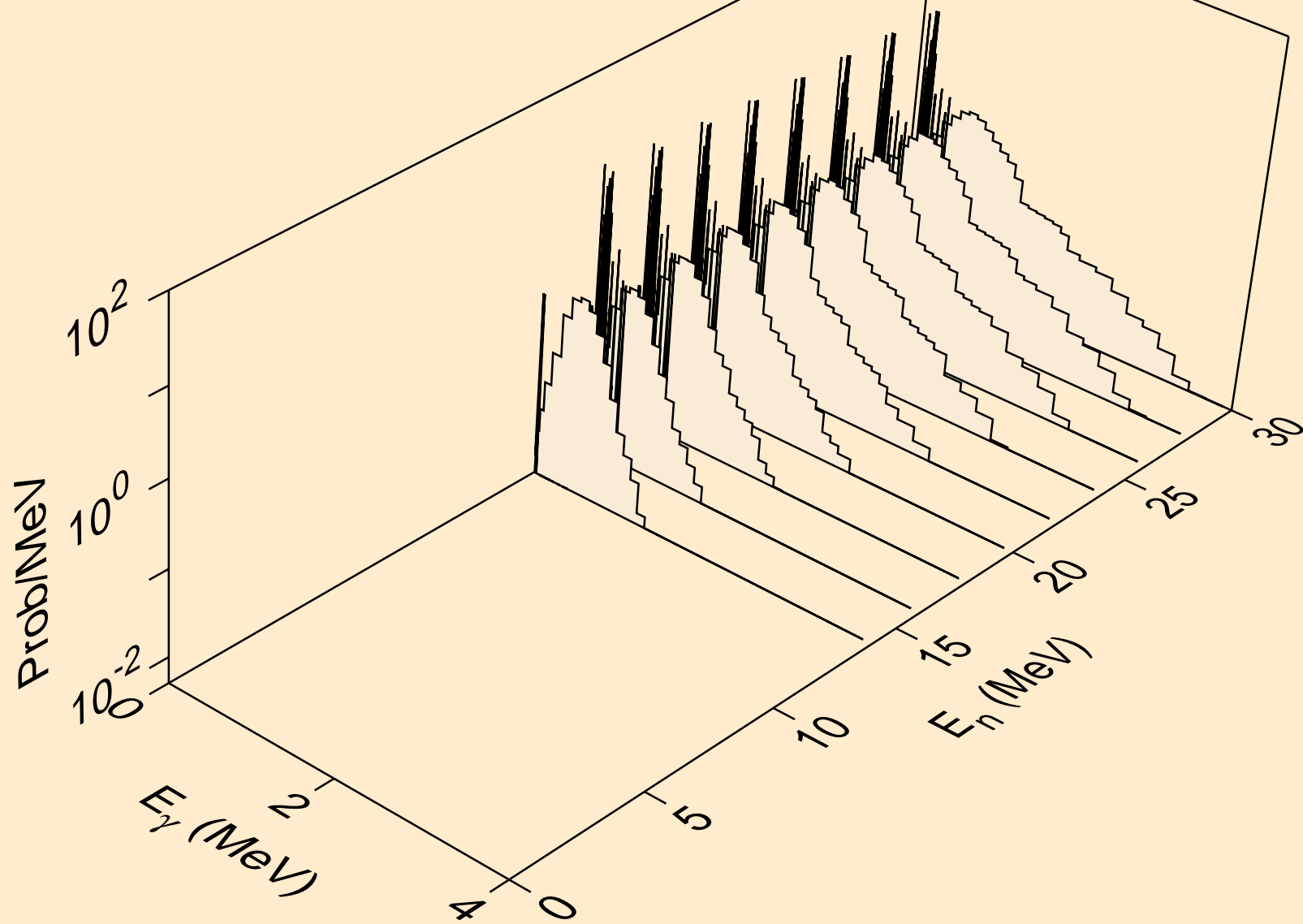
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Photon emission for (n,3np)



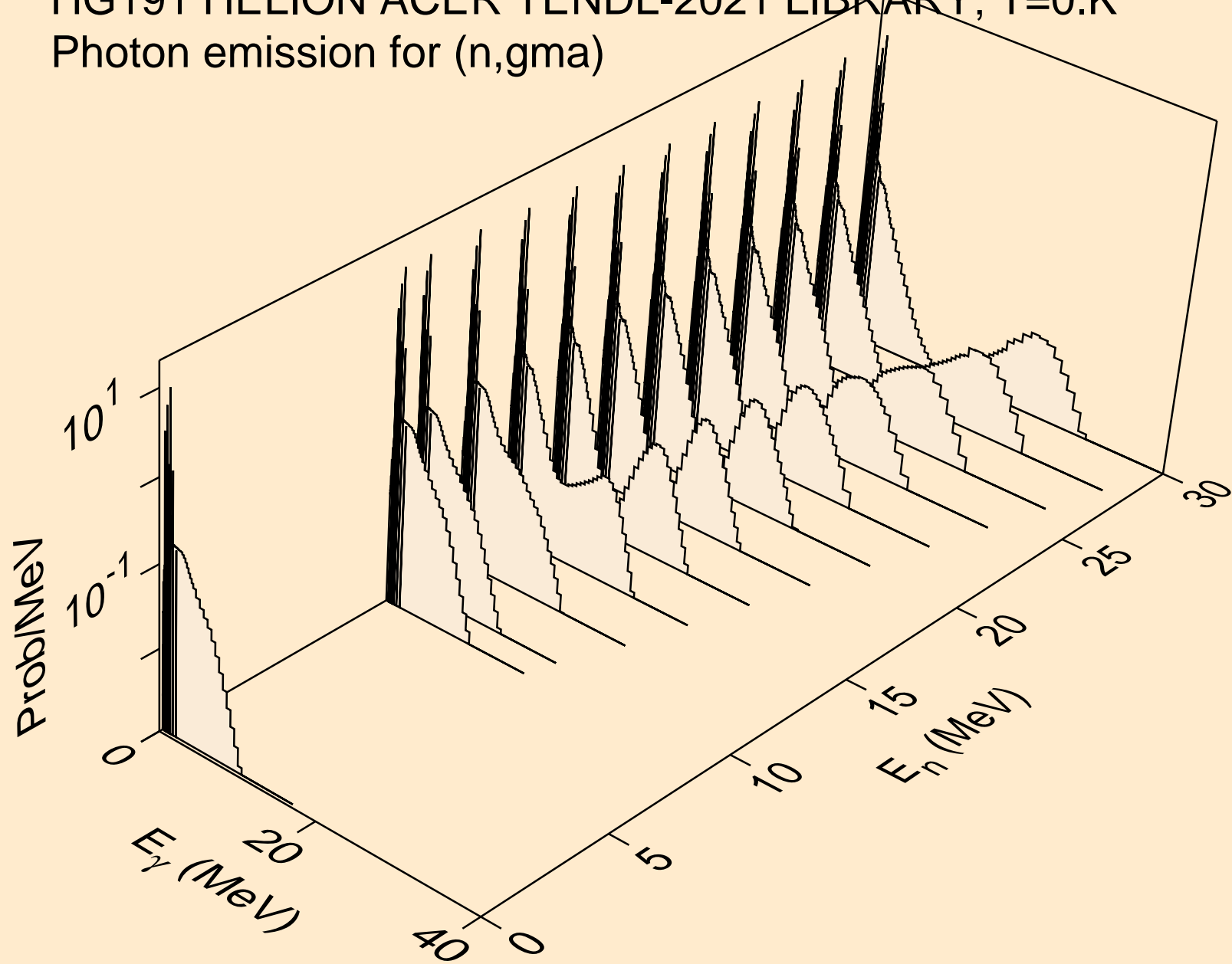
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Photon emission for (n,2np)



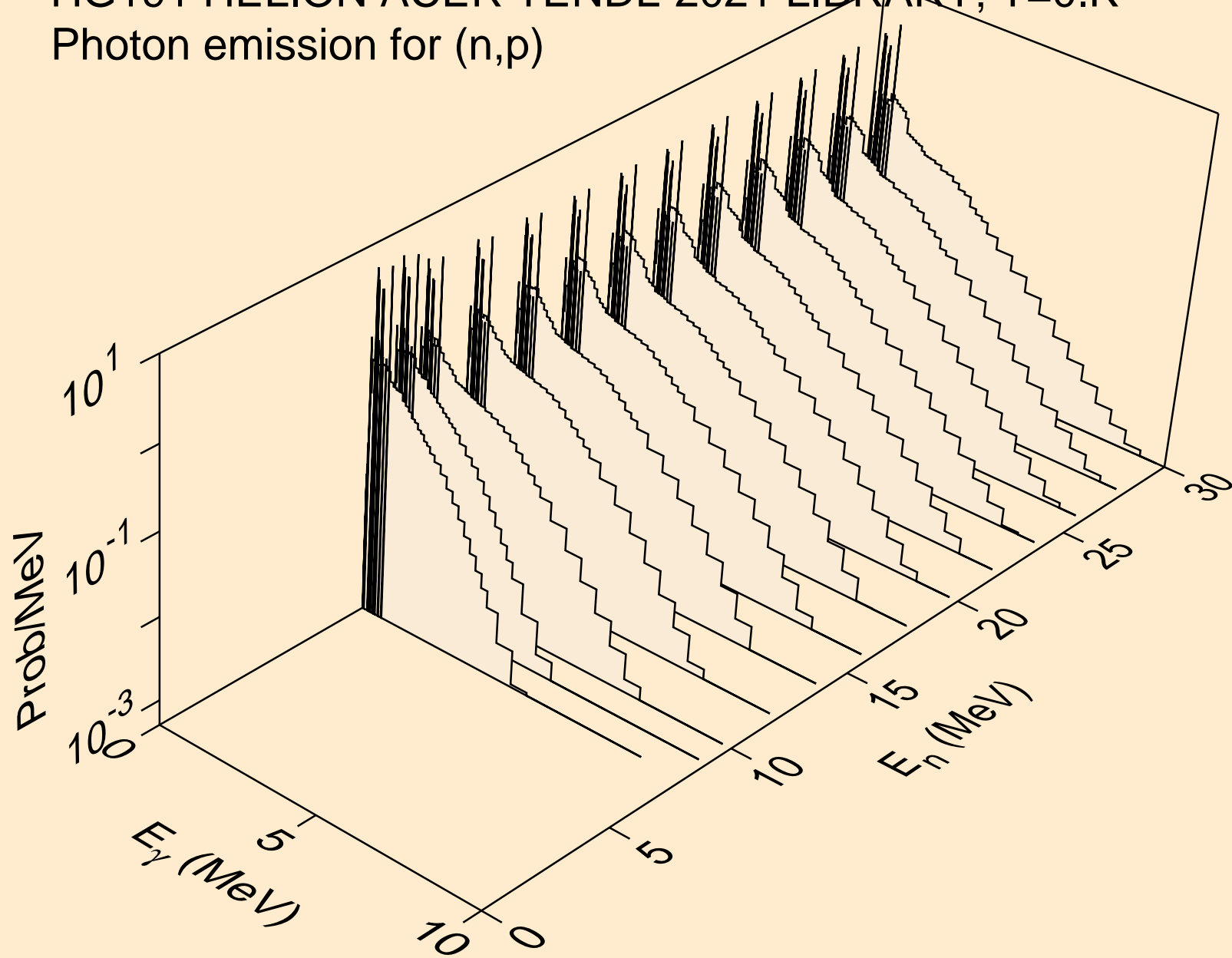
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Photon emission for (n,npa)



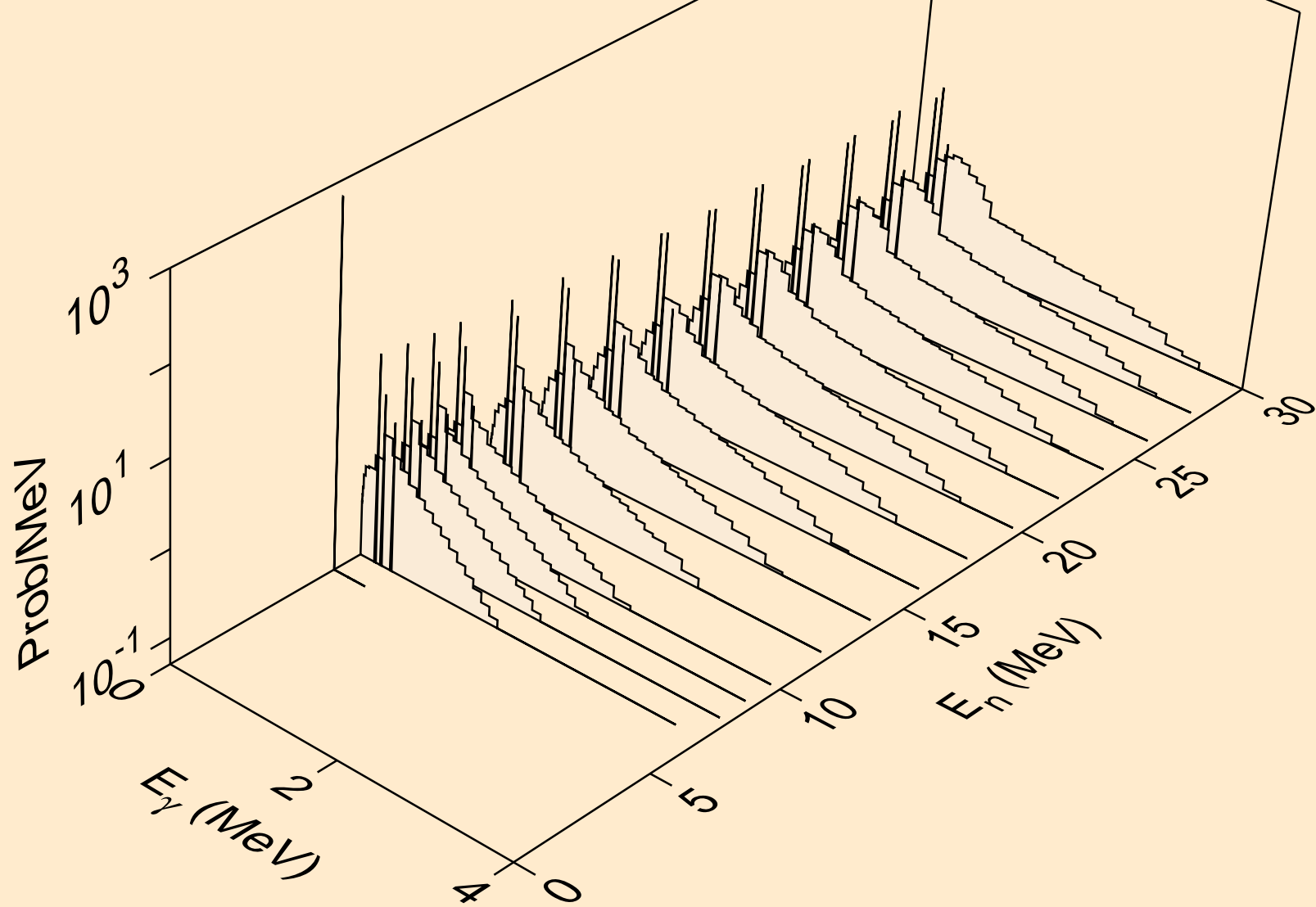
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Photon emission for (n,gma)



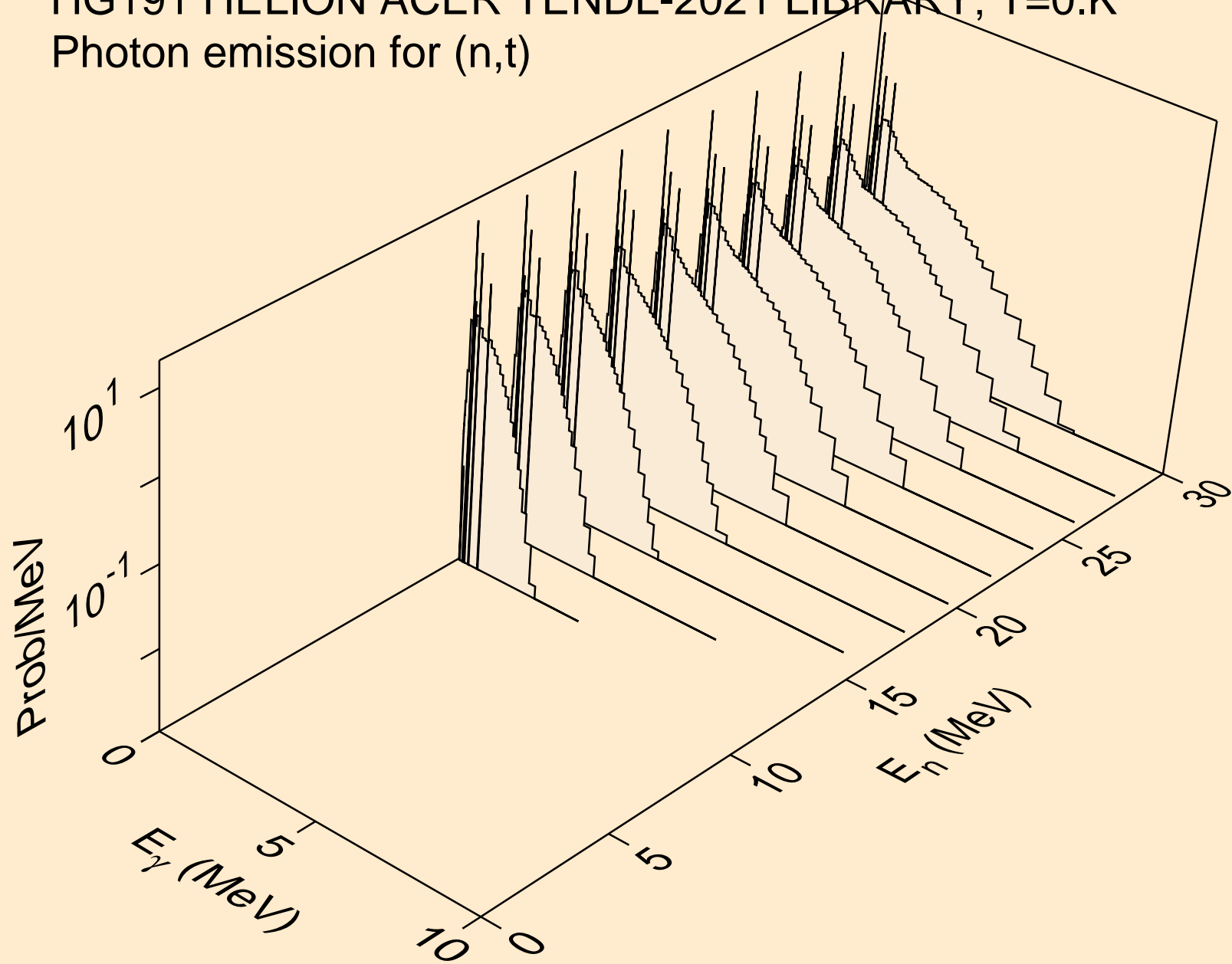
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Photon emission for (n,p)



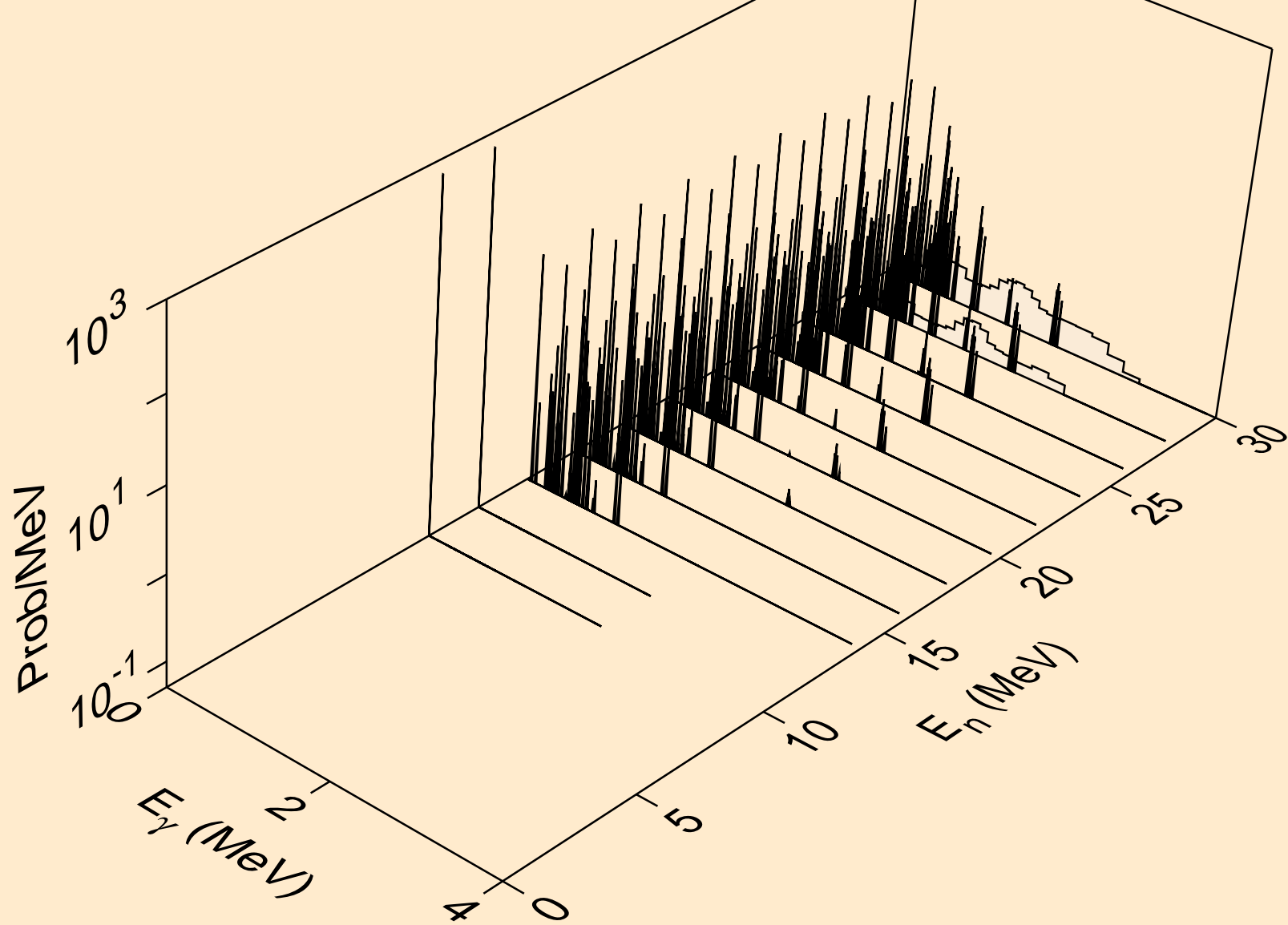
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

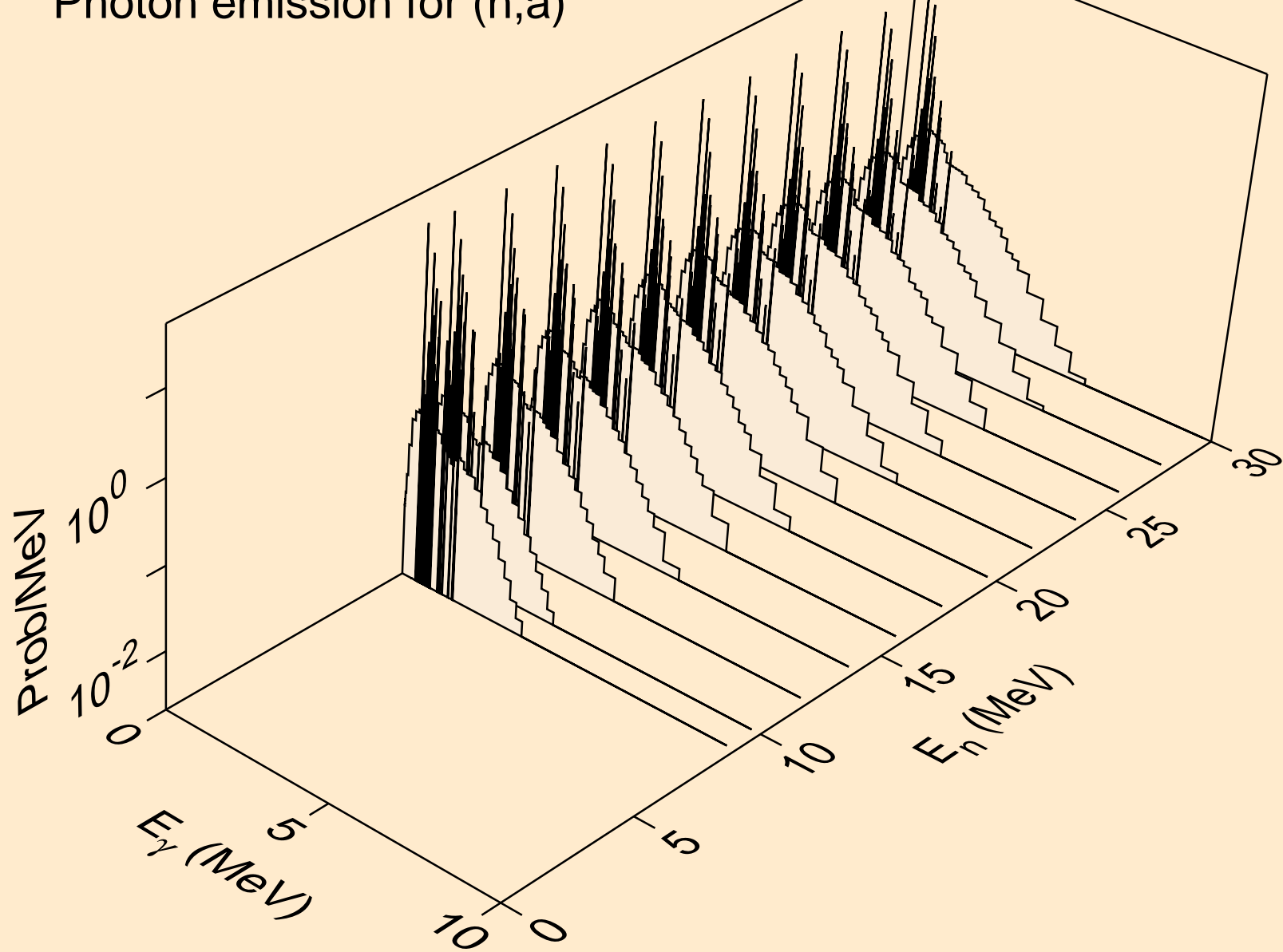


HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

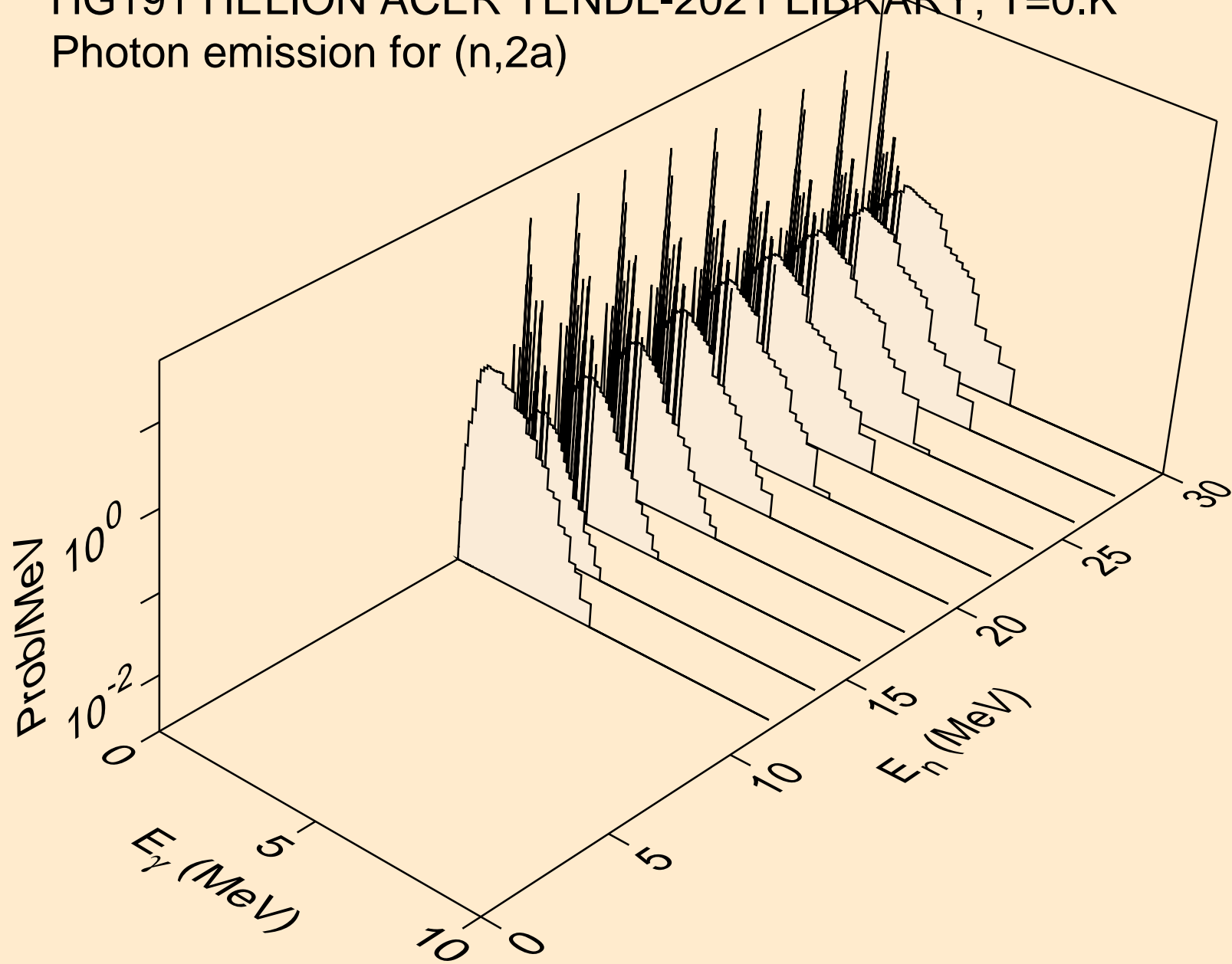




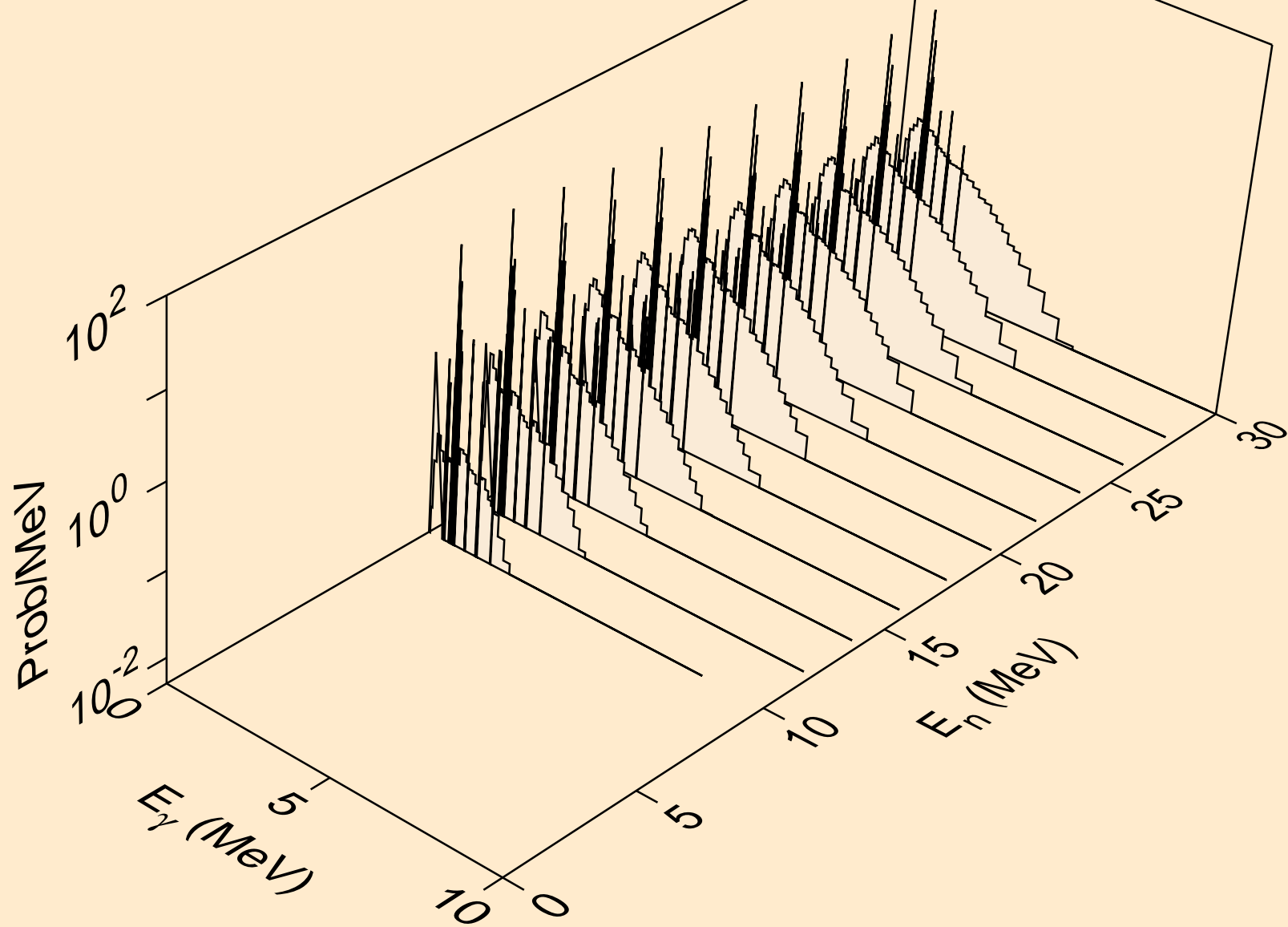
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



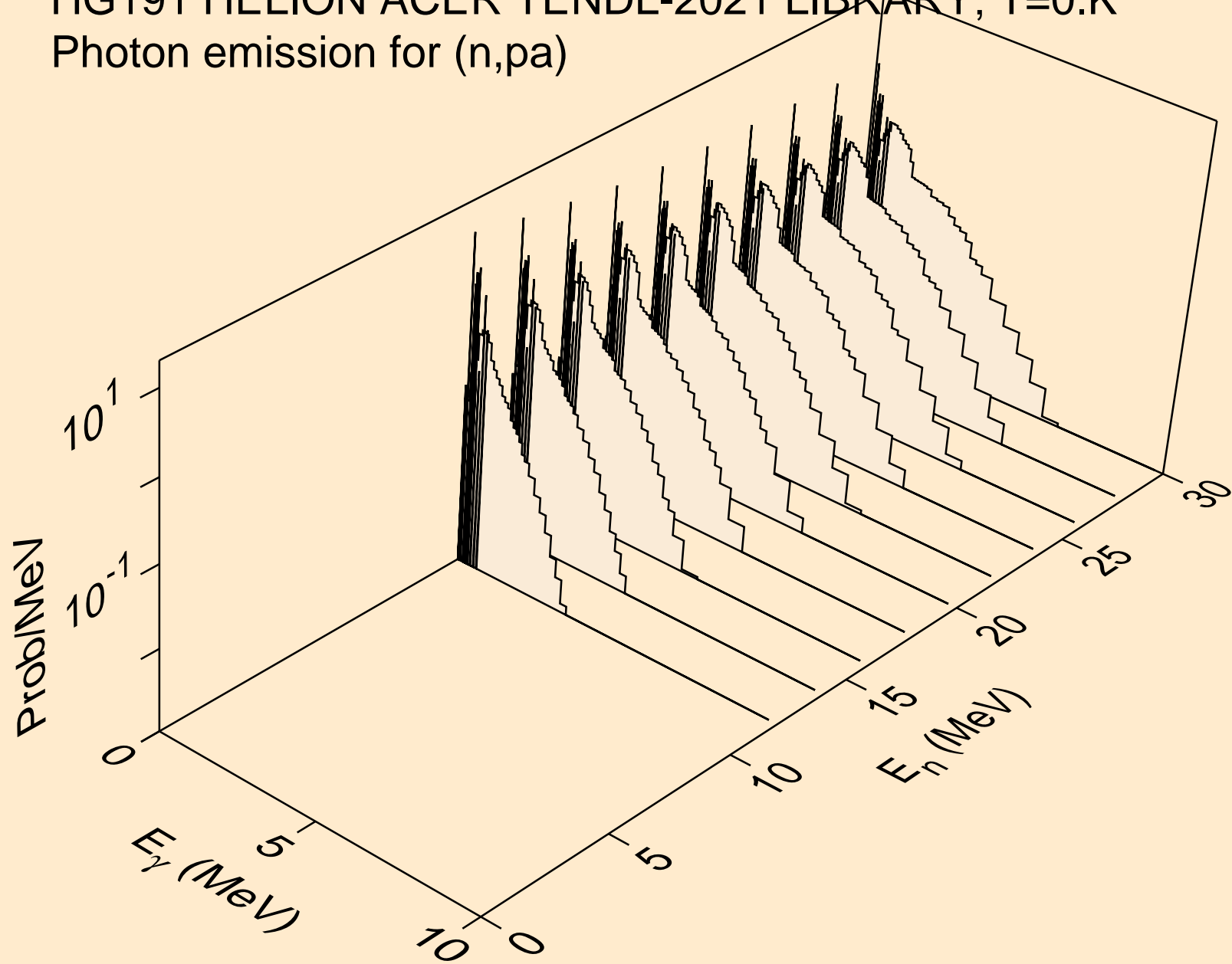
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Photon emission for (n,2a)



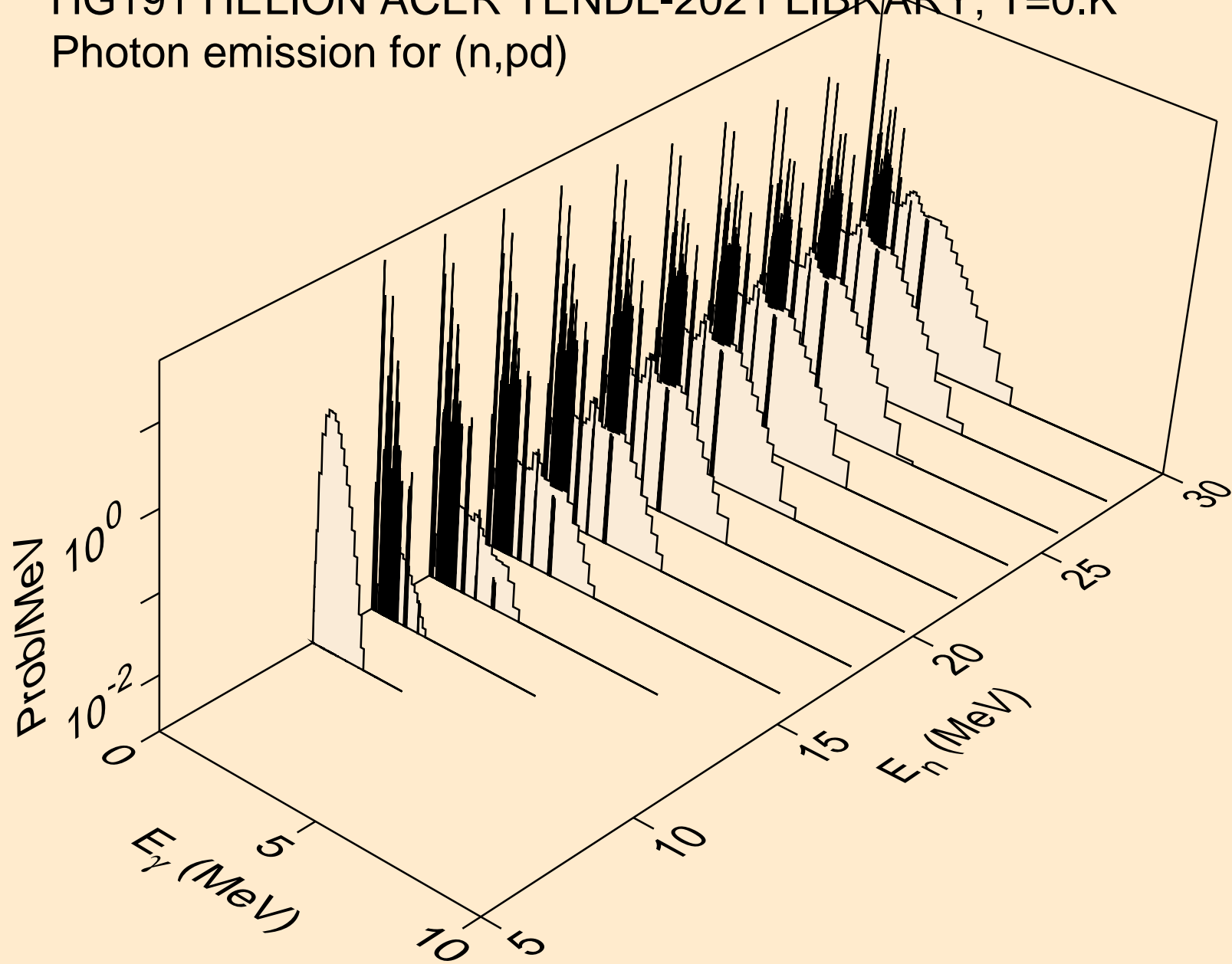
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Photon emission for (n,2p)



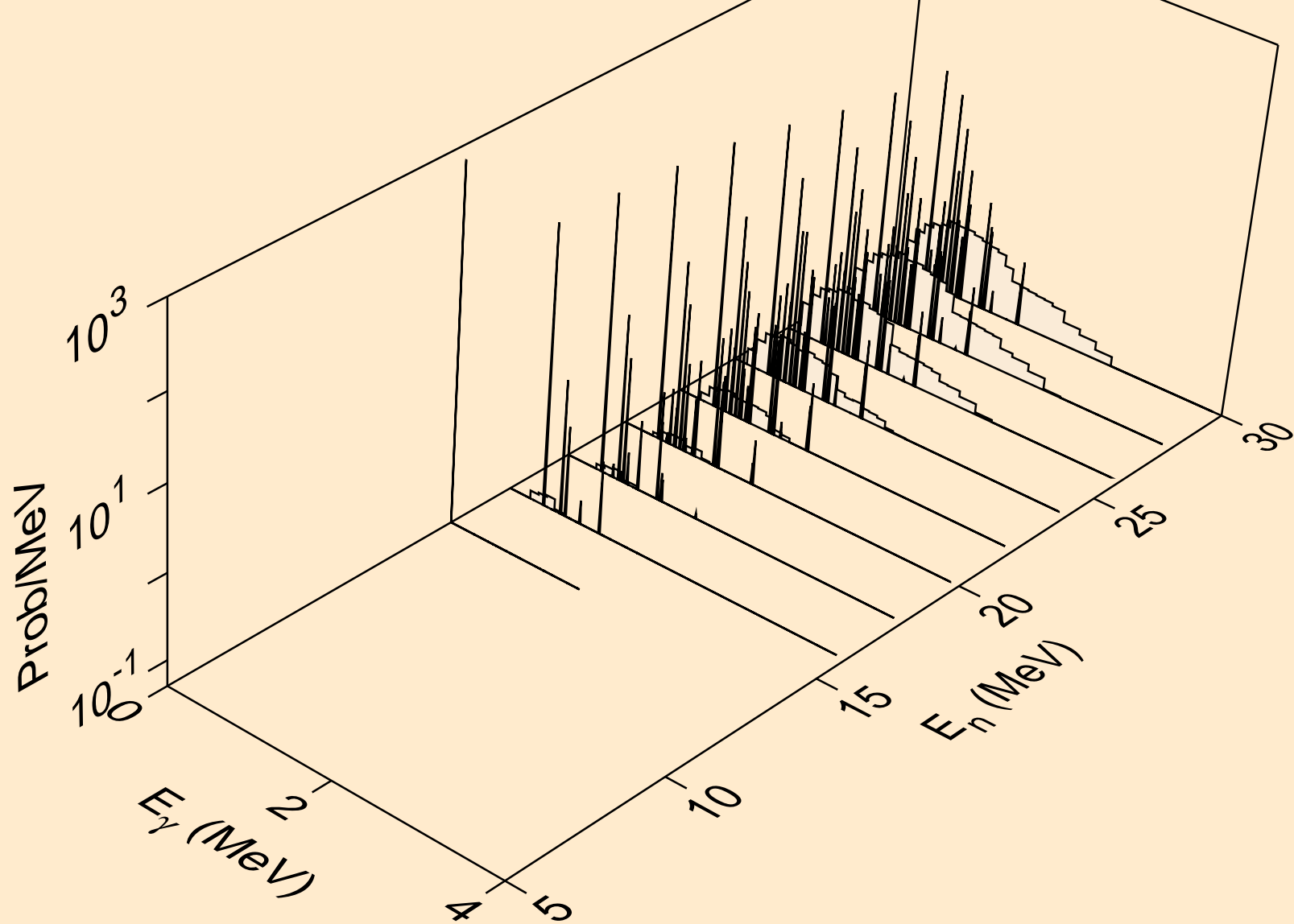
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Photon emission for (n,pa)



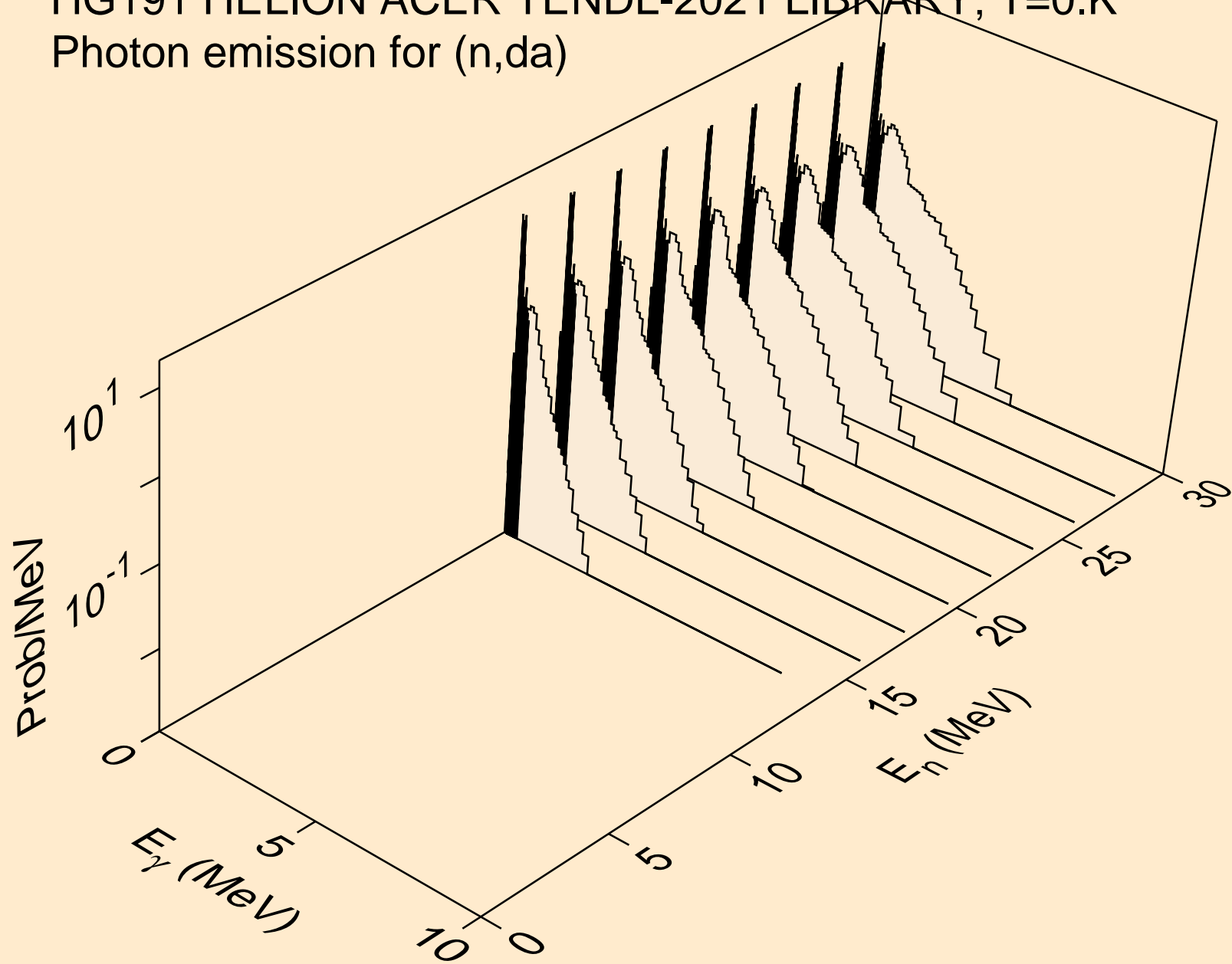
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

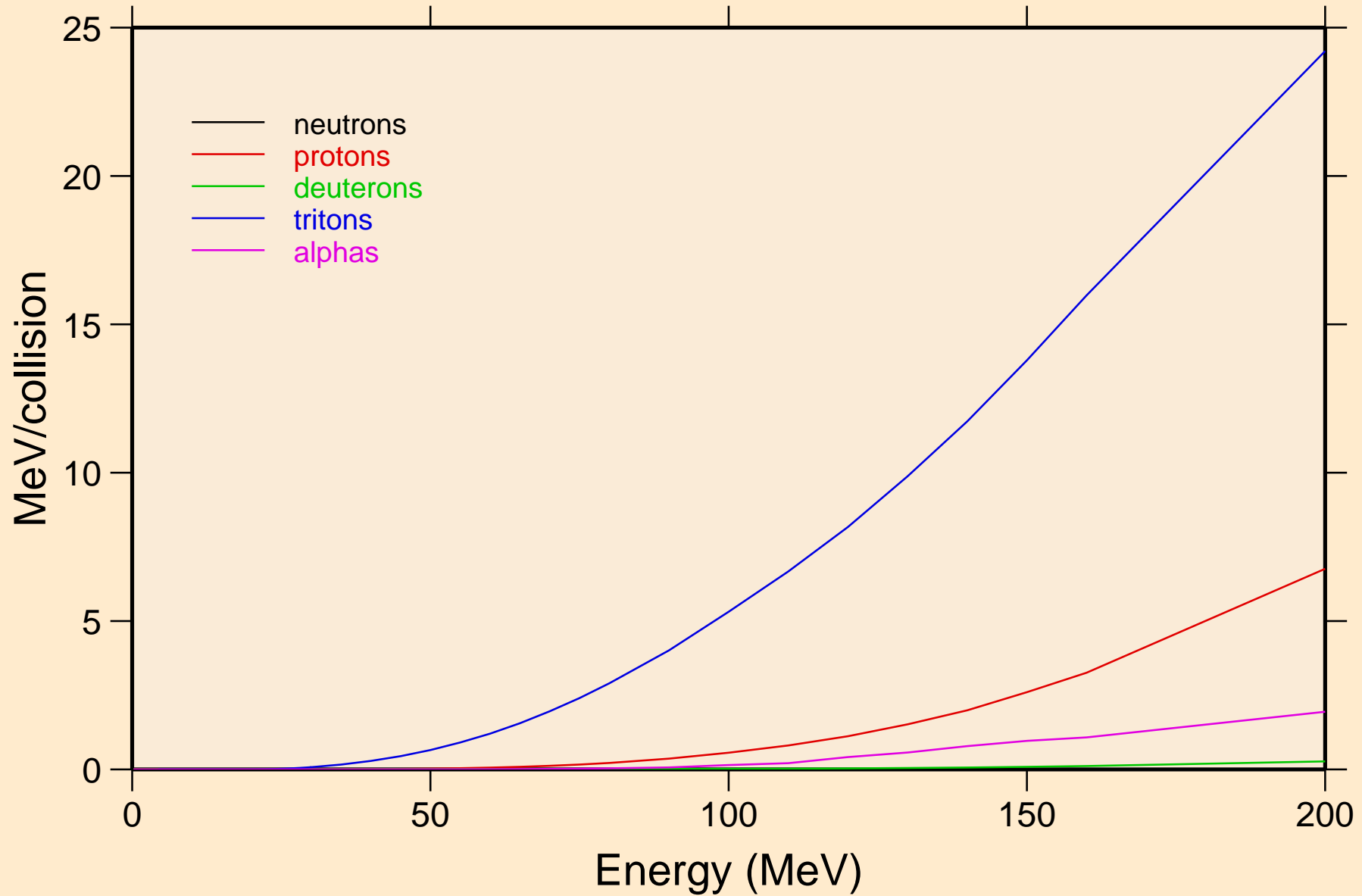


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Photon emission for (n,da)



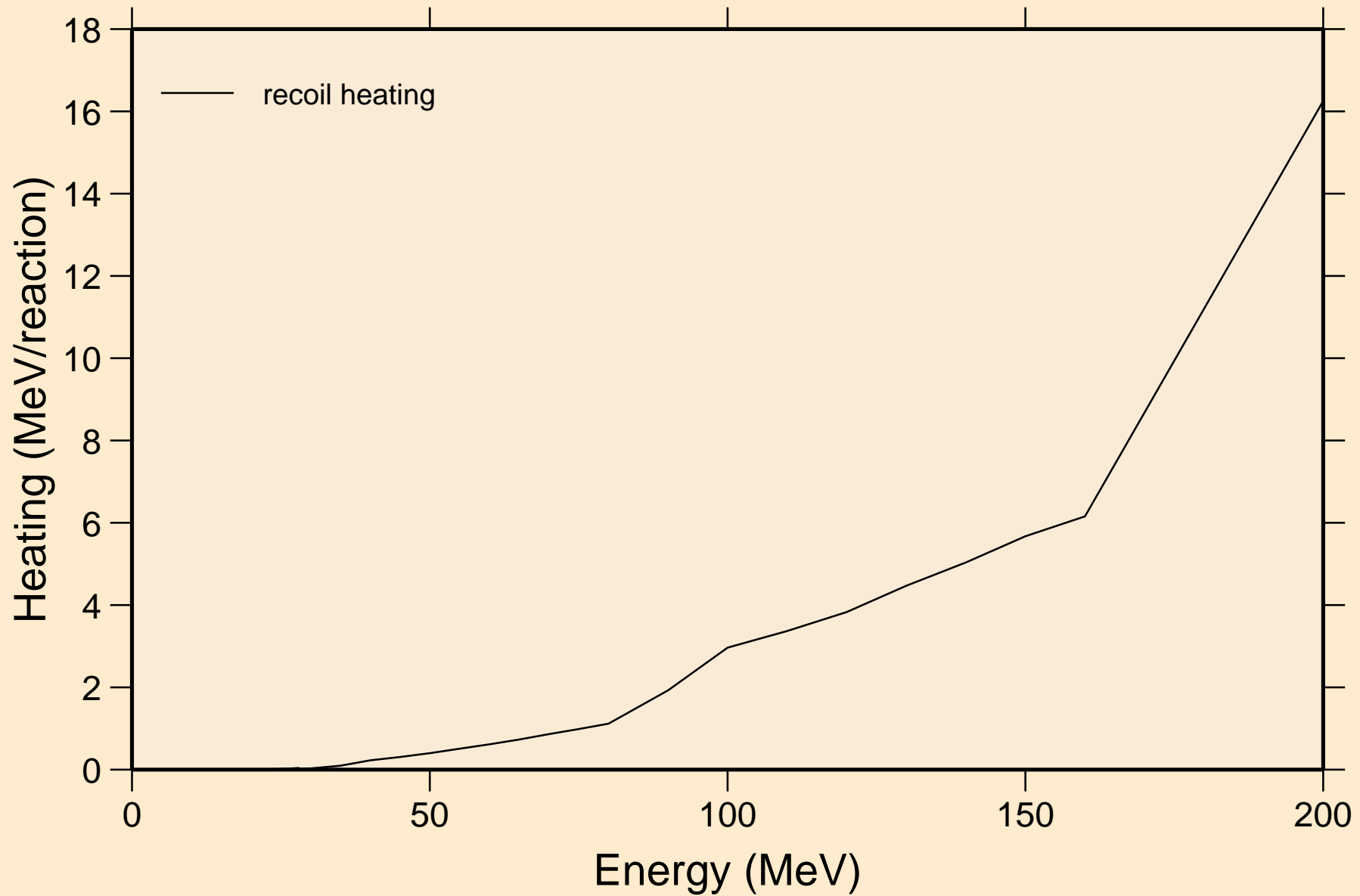
# HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



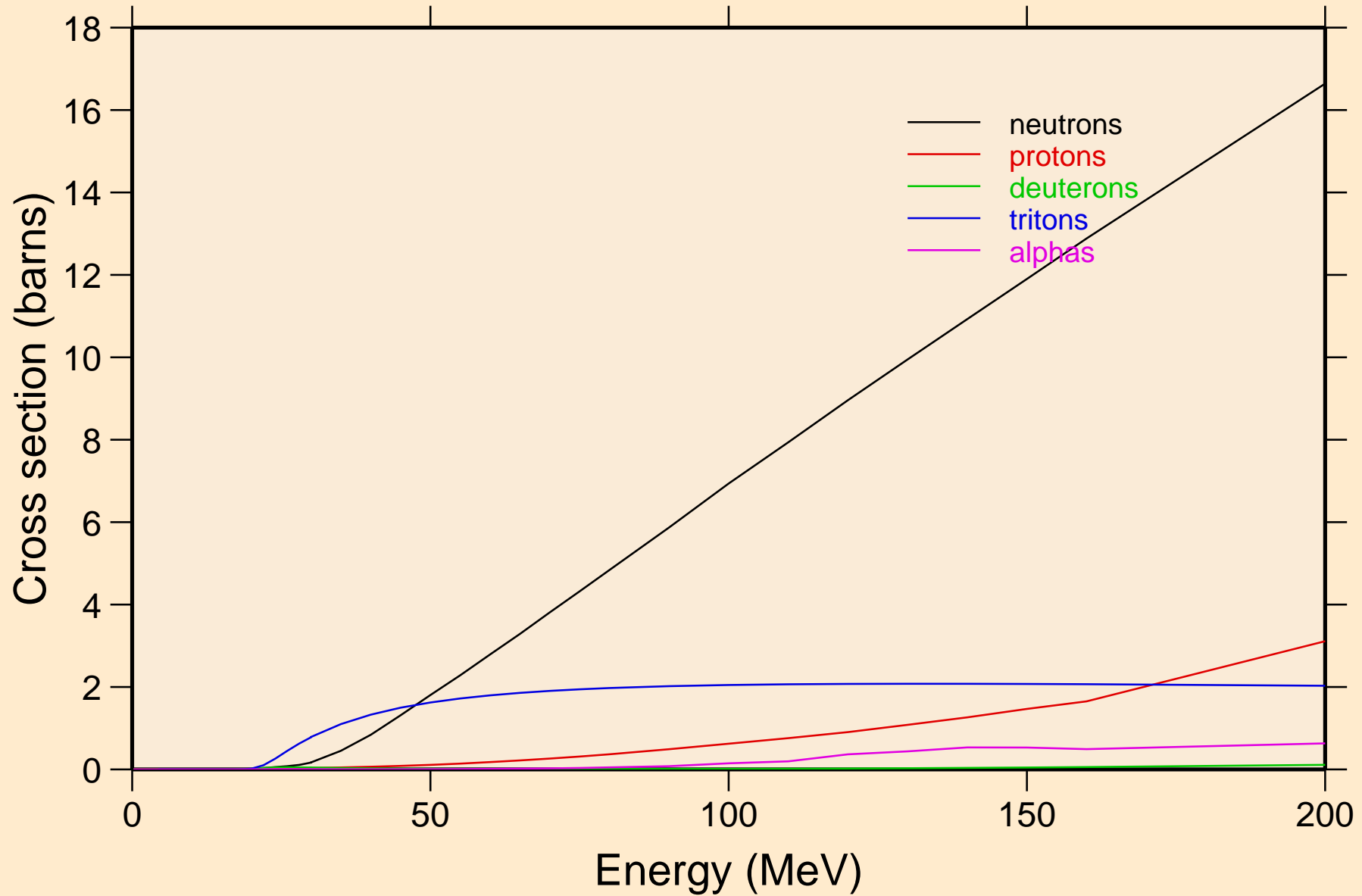


HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

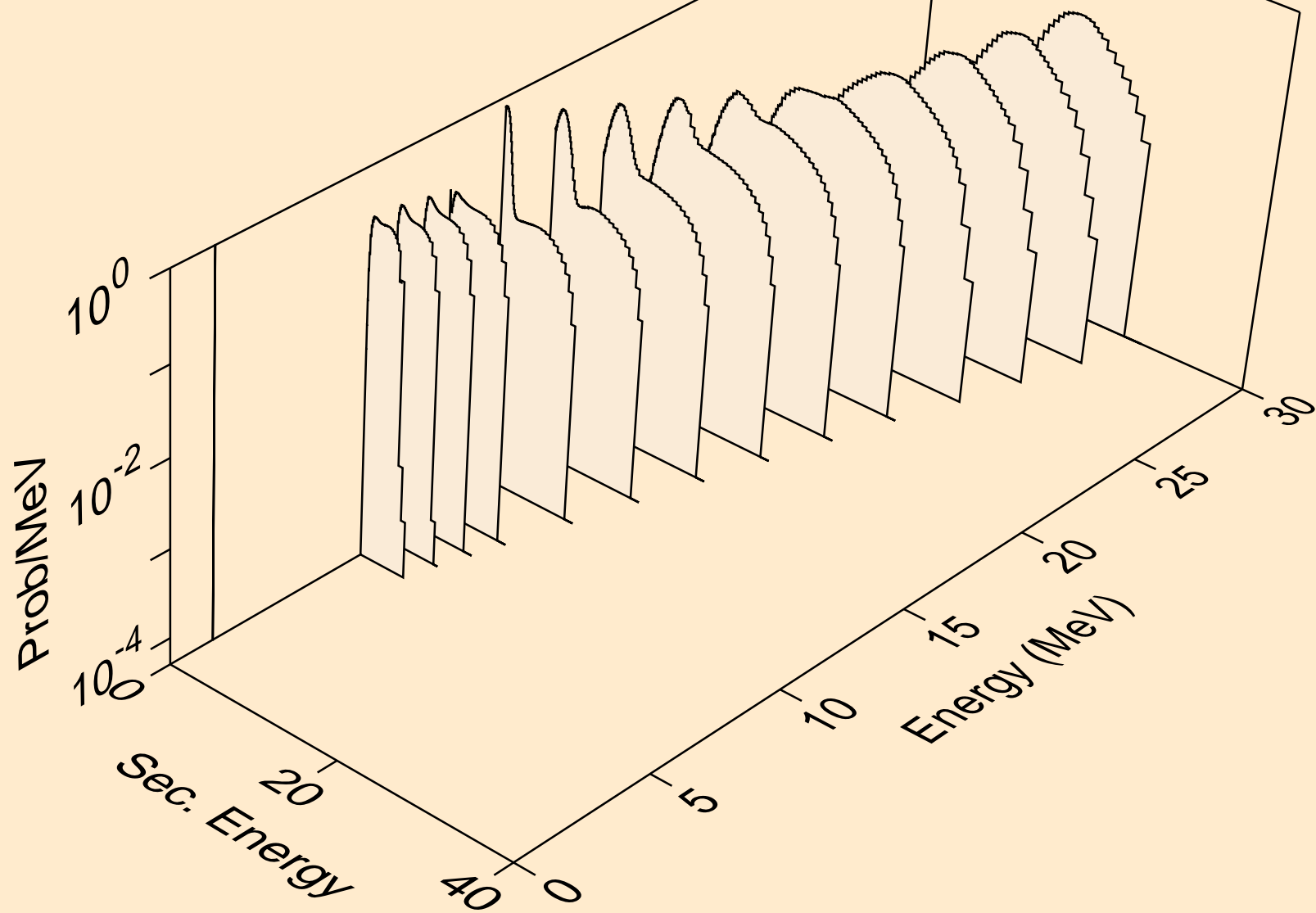


# HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K

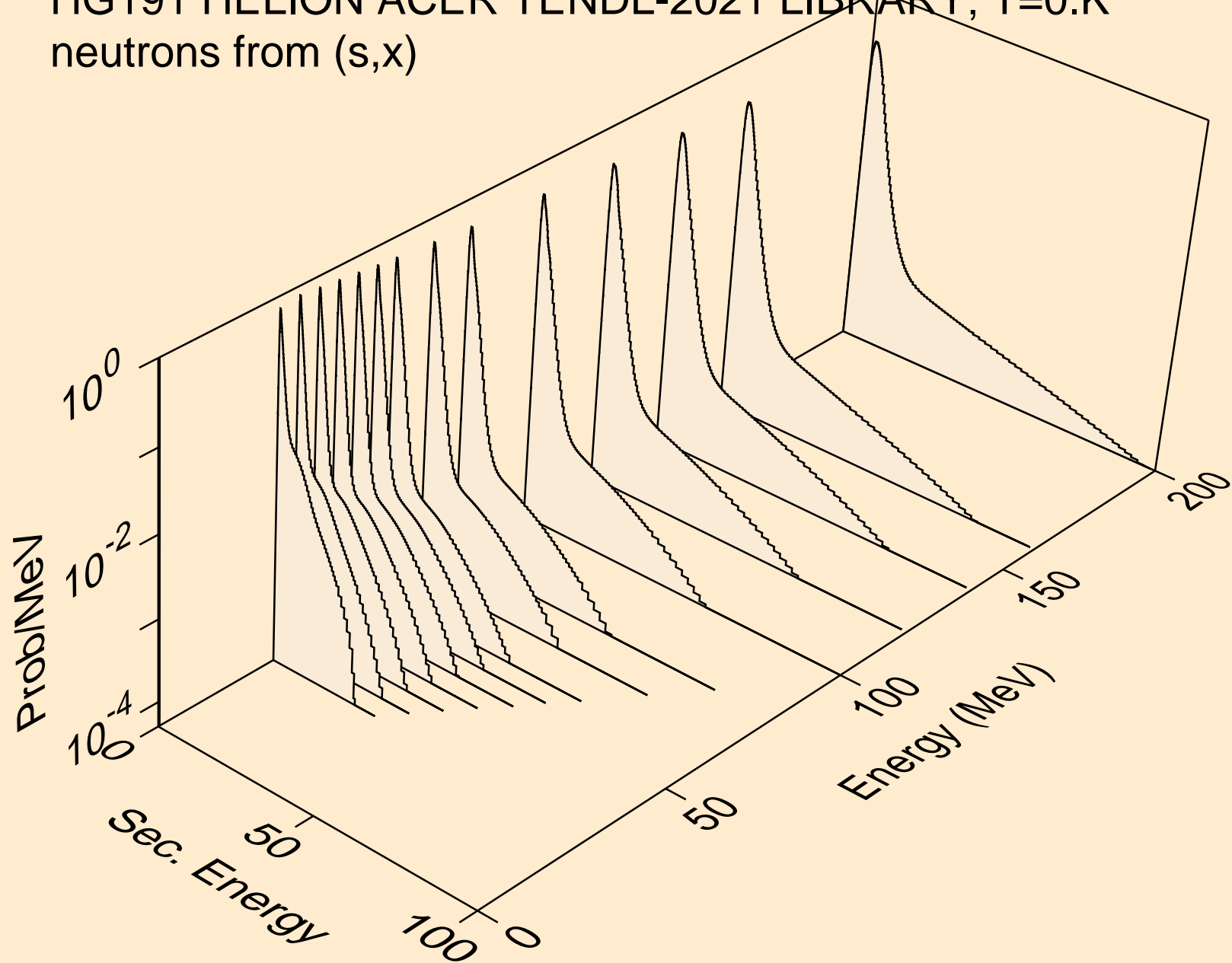
## Particle production cross sections



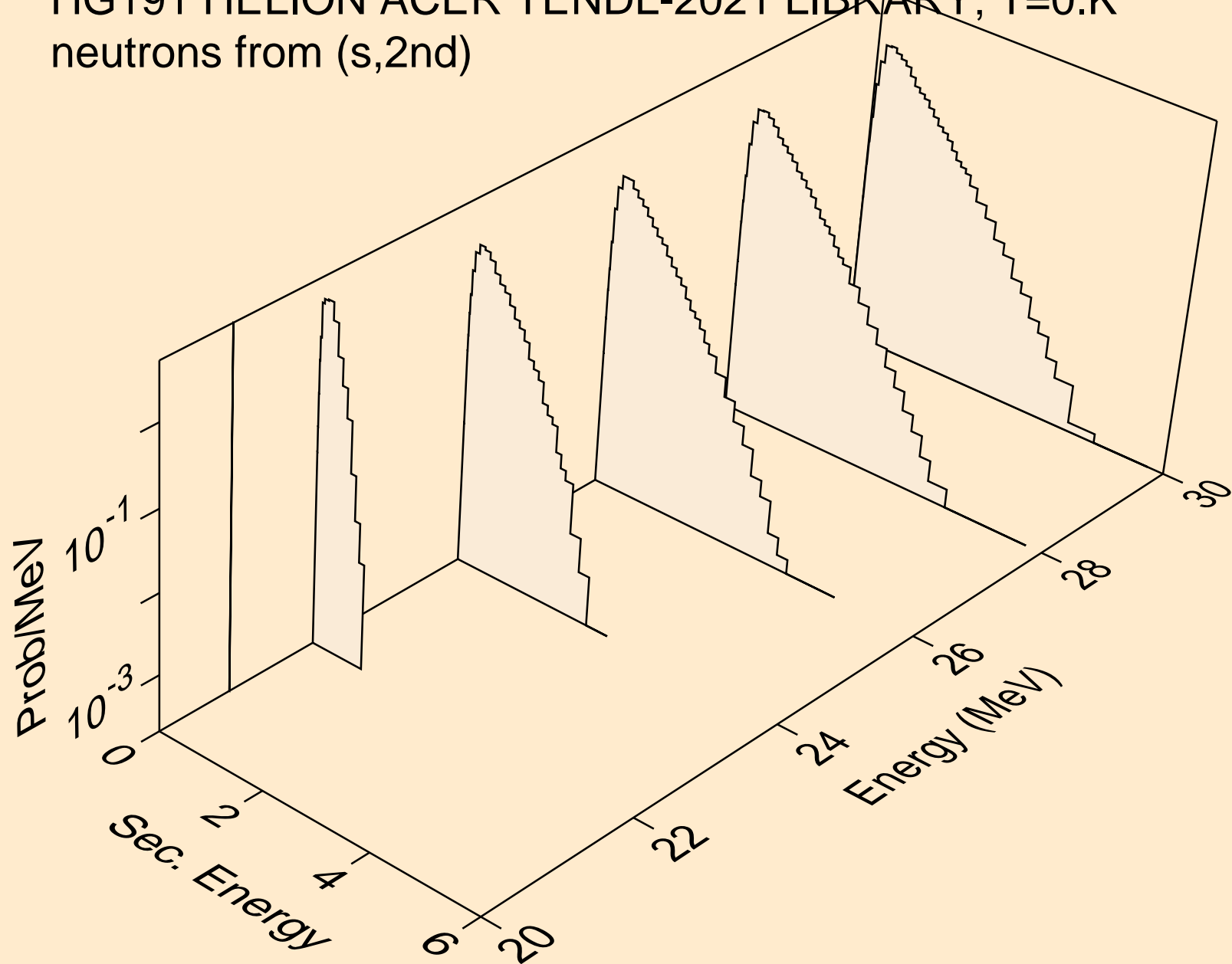
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



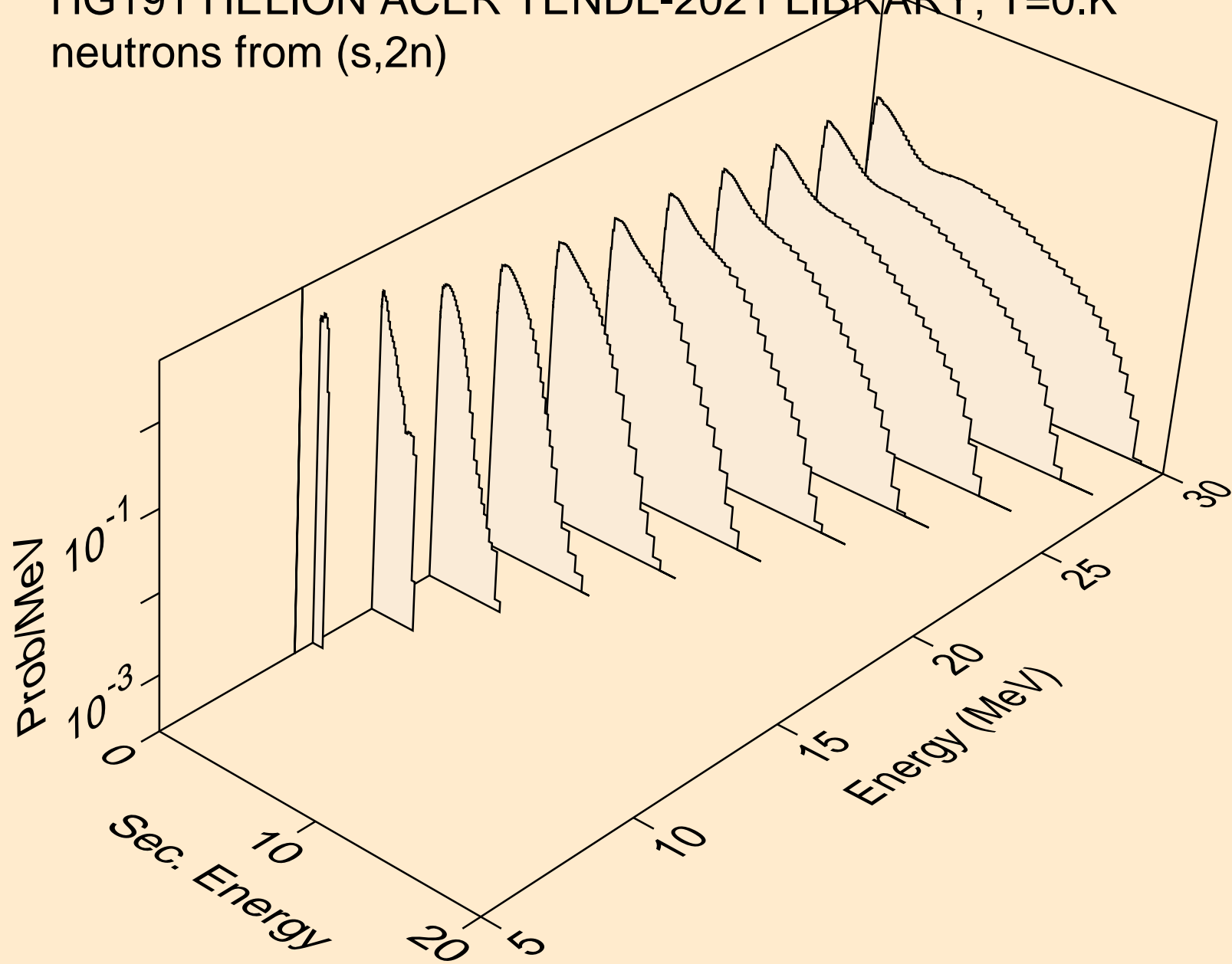
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neutrons from (s,x)



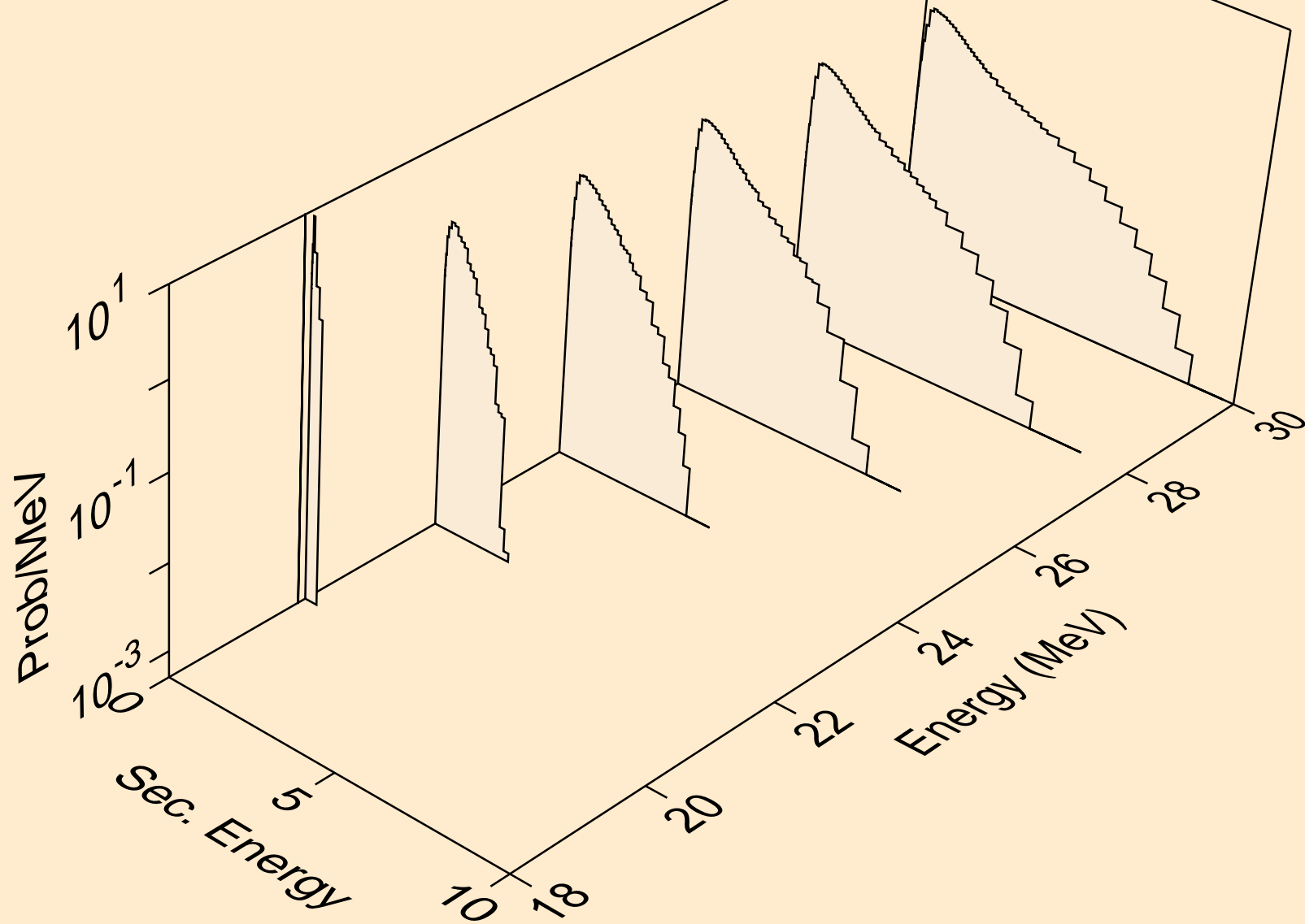
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neutrons from (s,2nd)



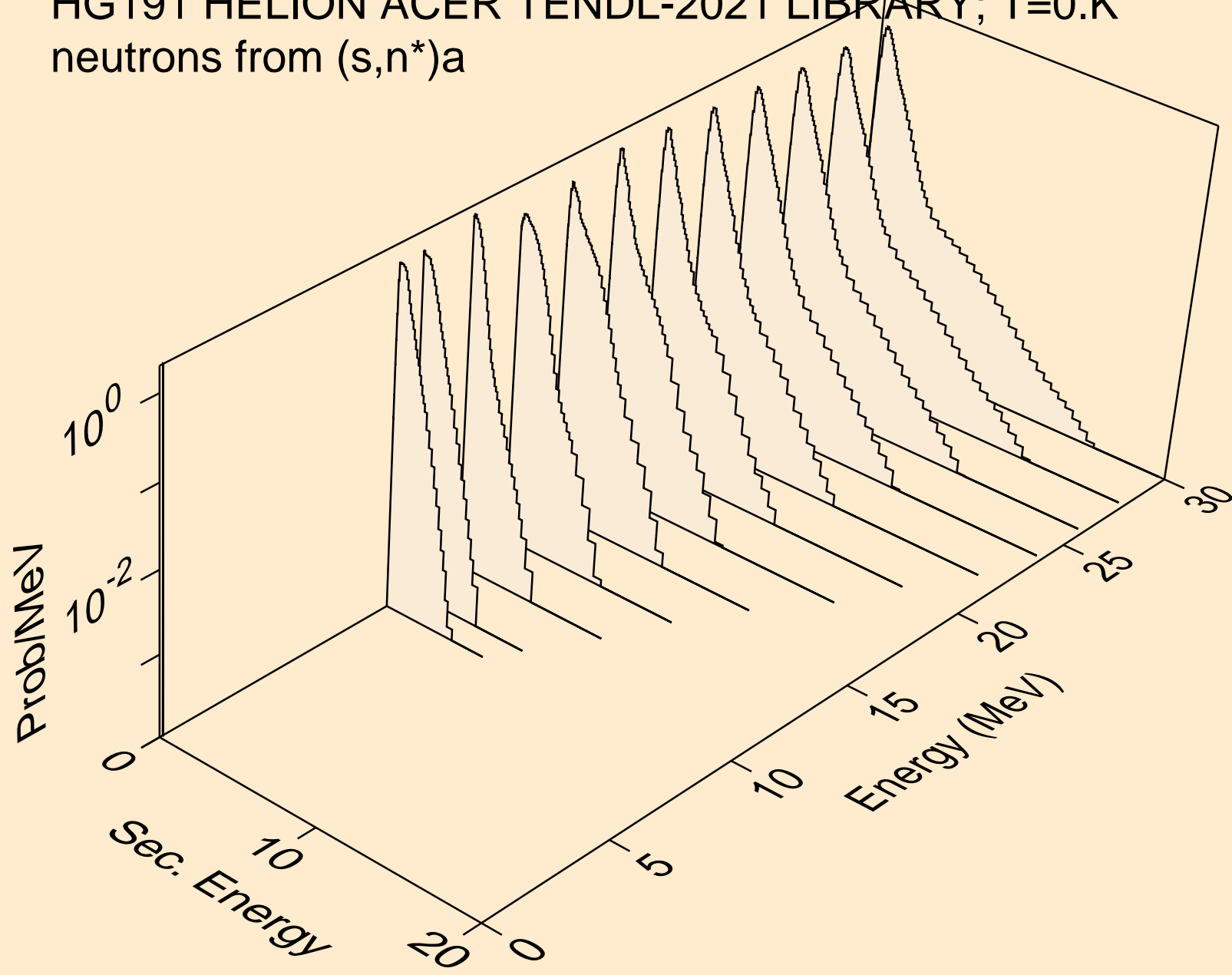
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)

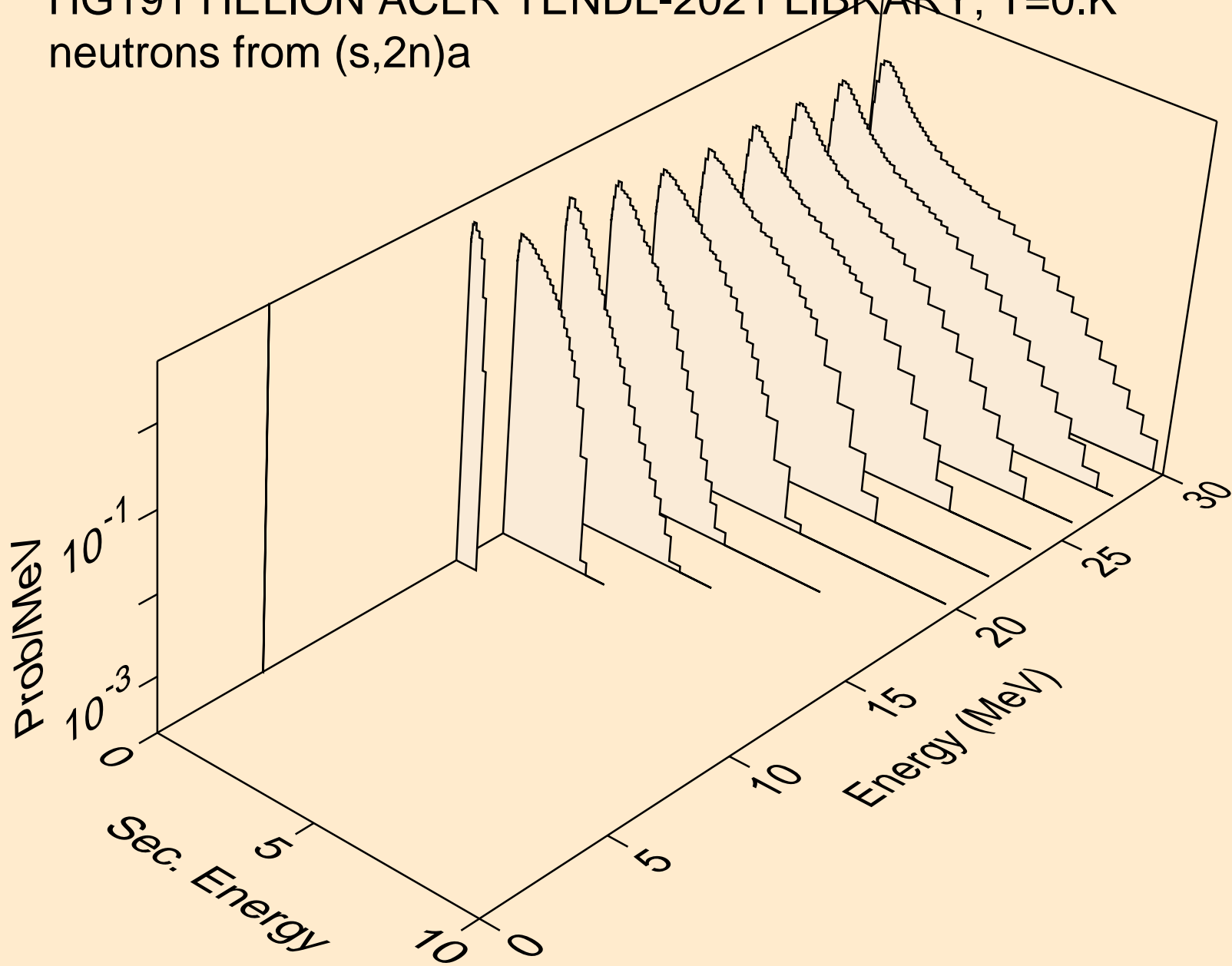


HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

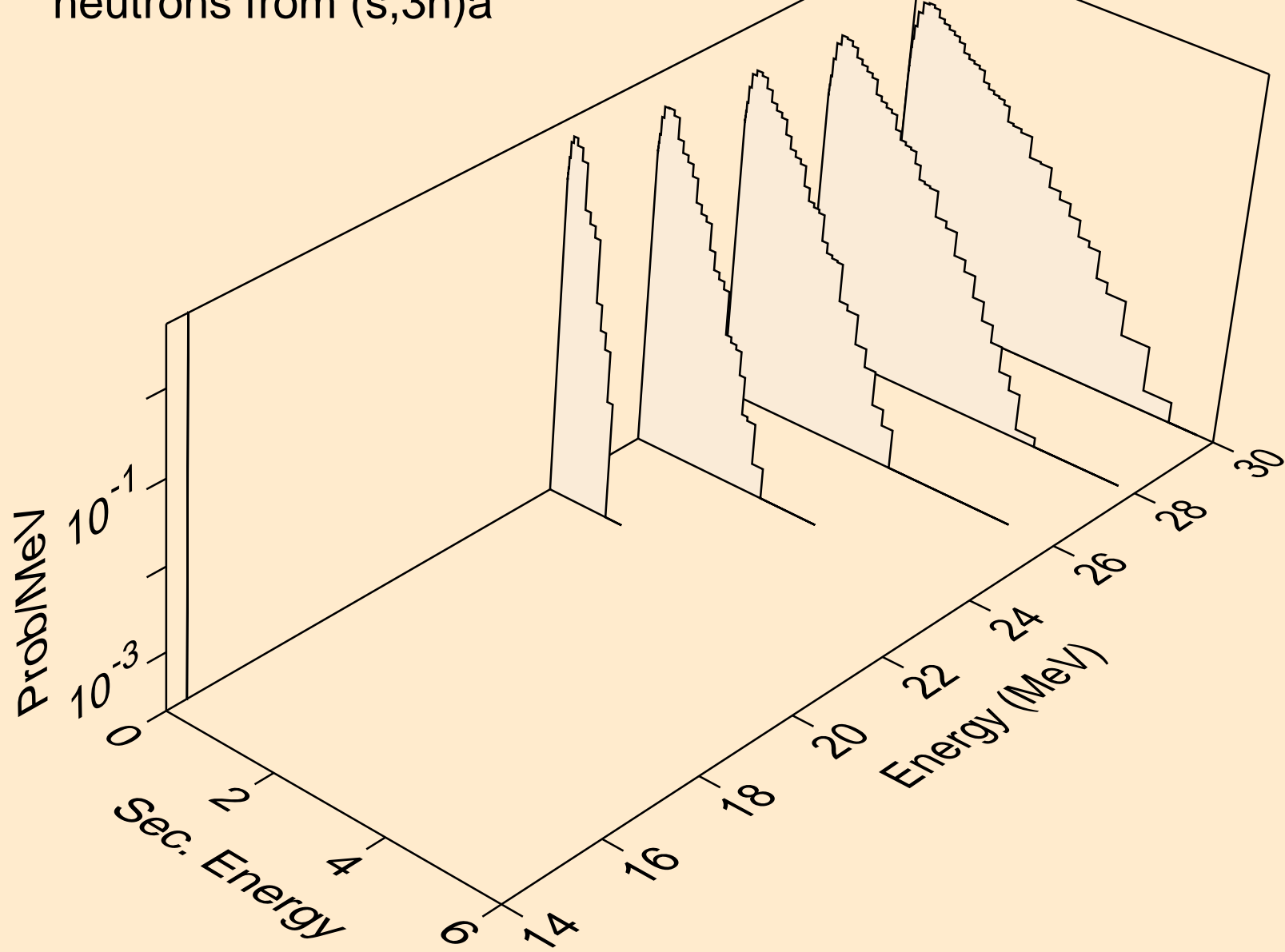




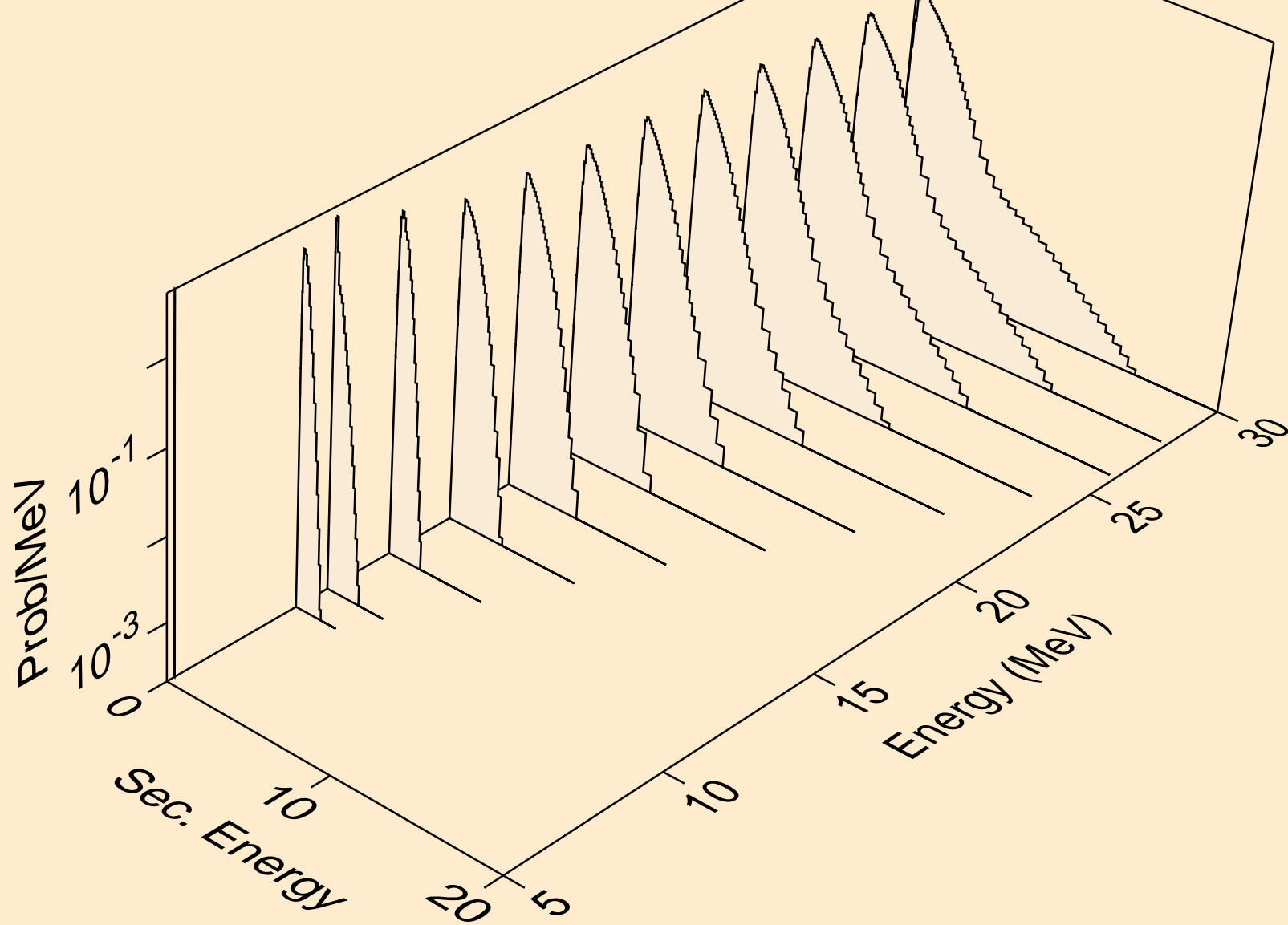
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neutrons from (s,2n)a



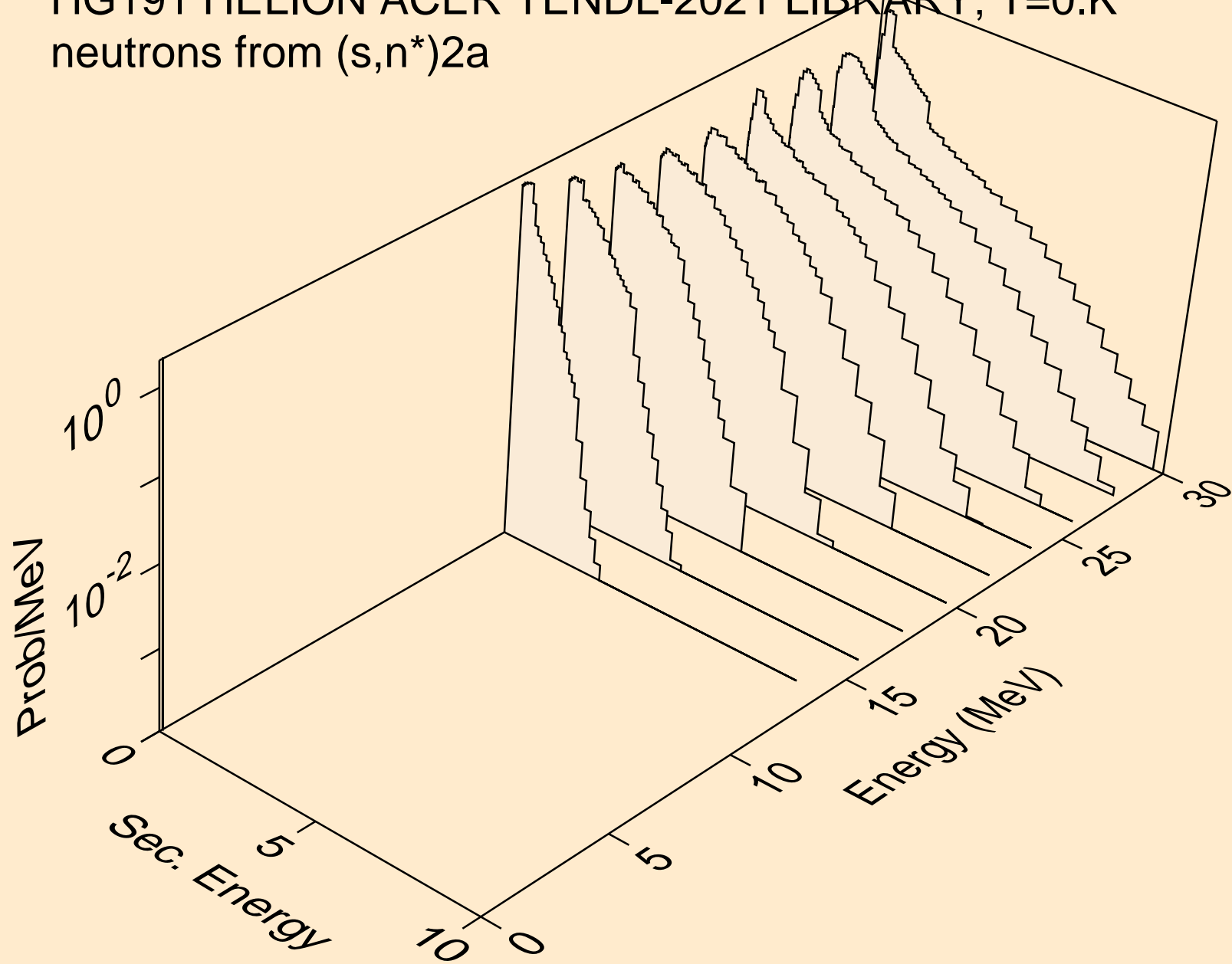
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neutrons from (s,3n)a



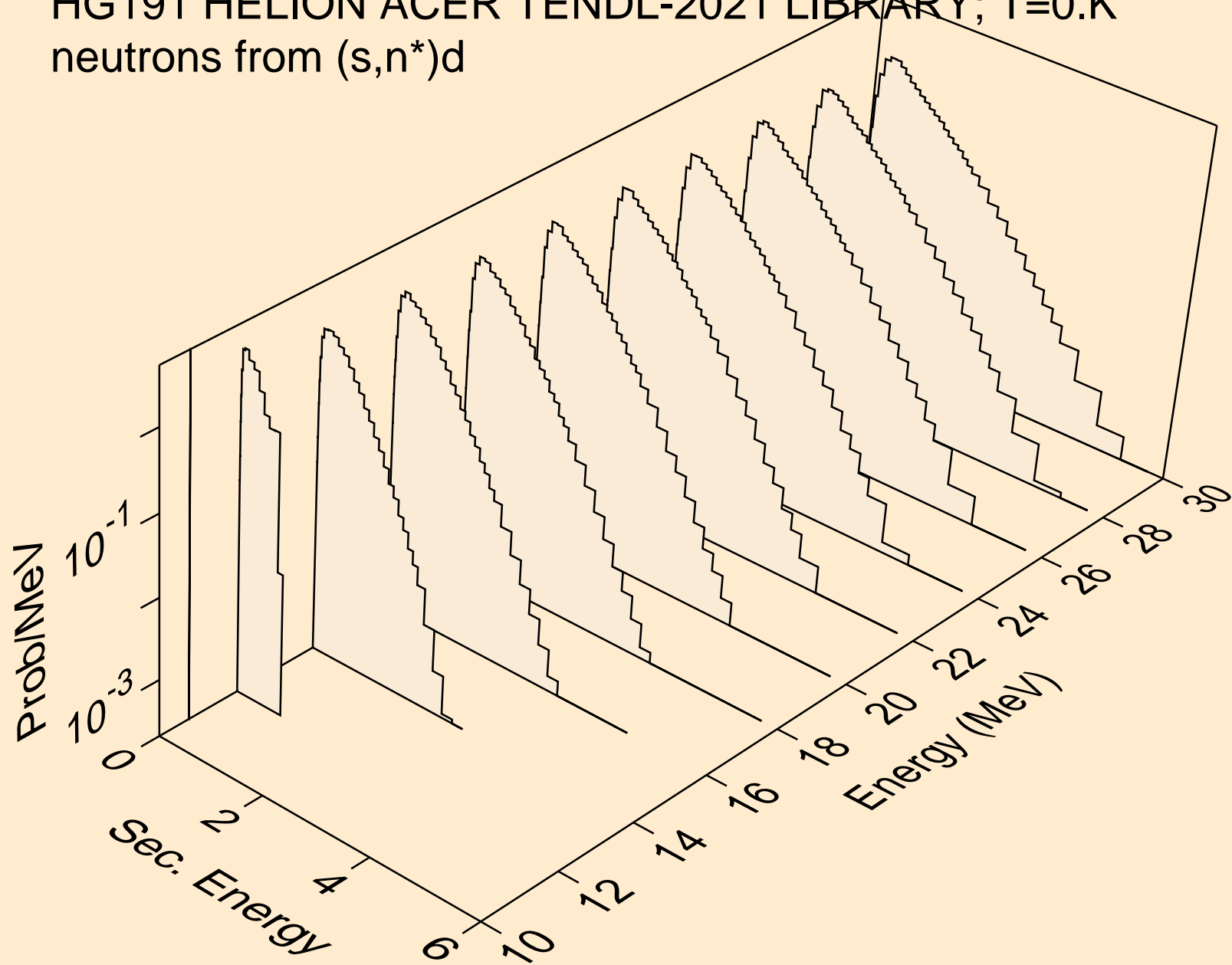
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



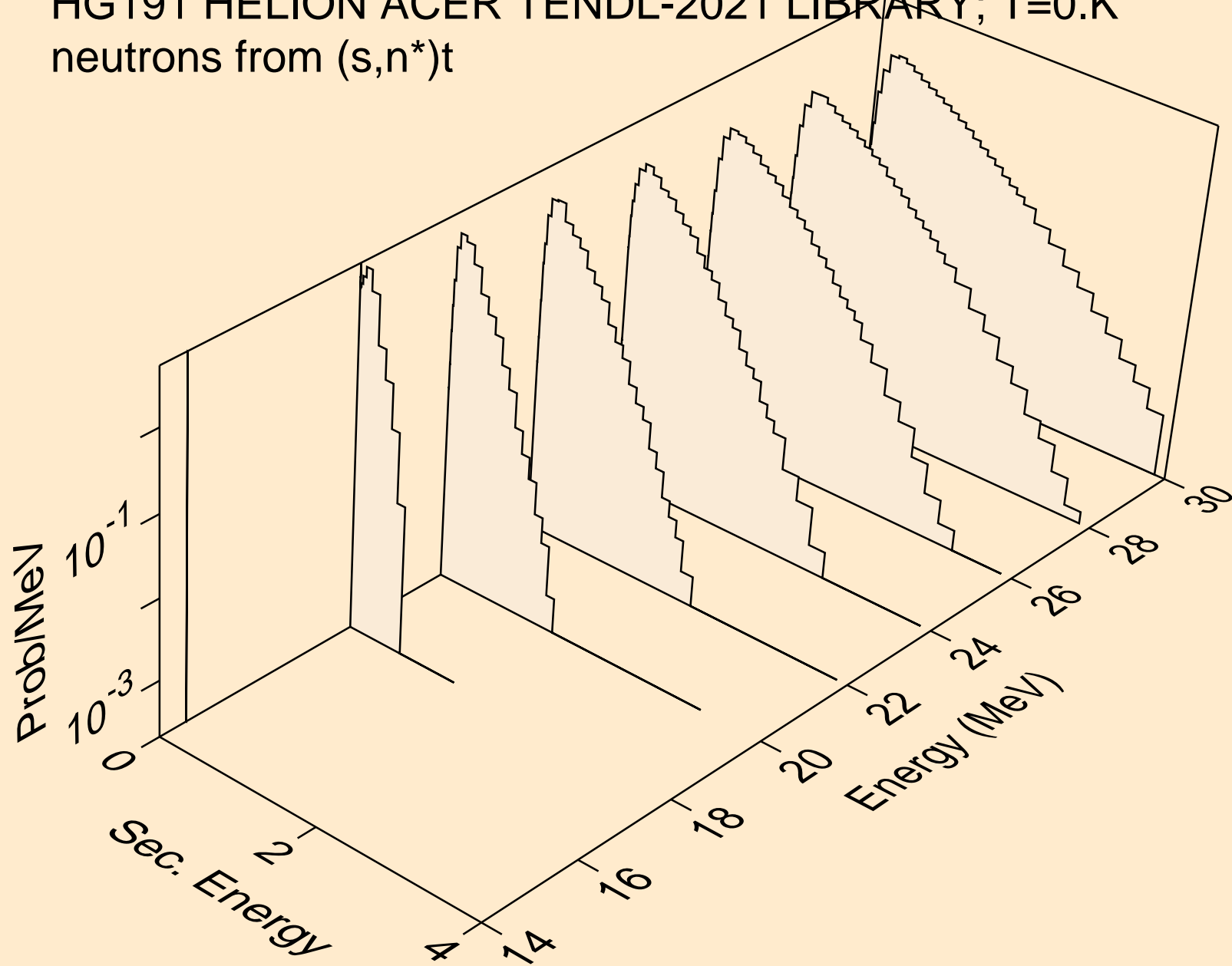
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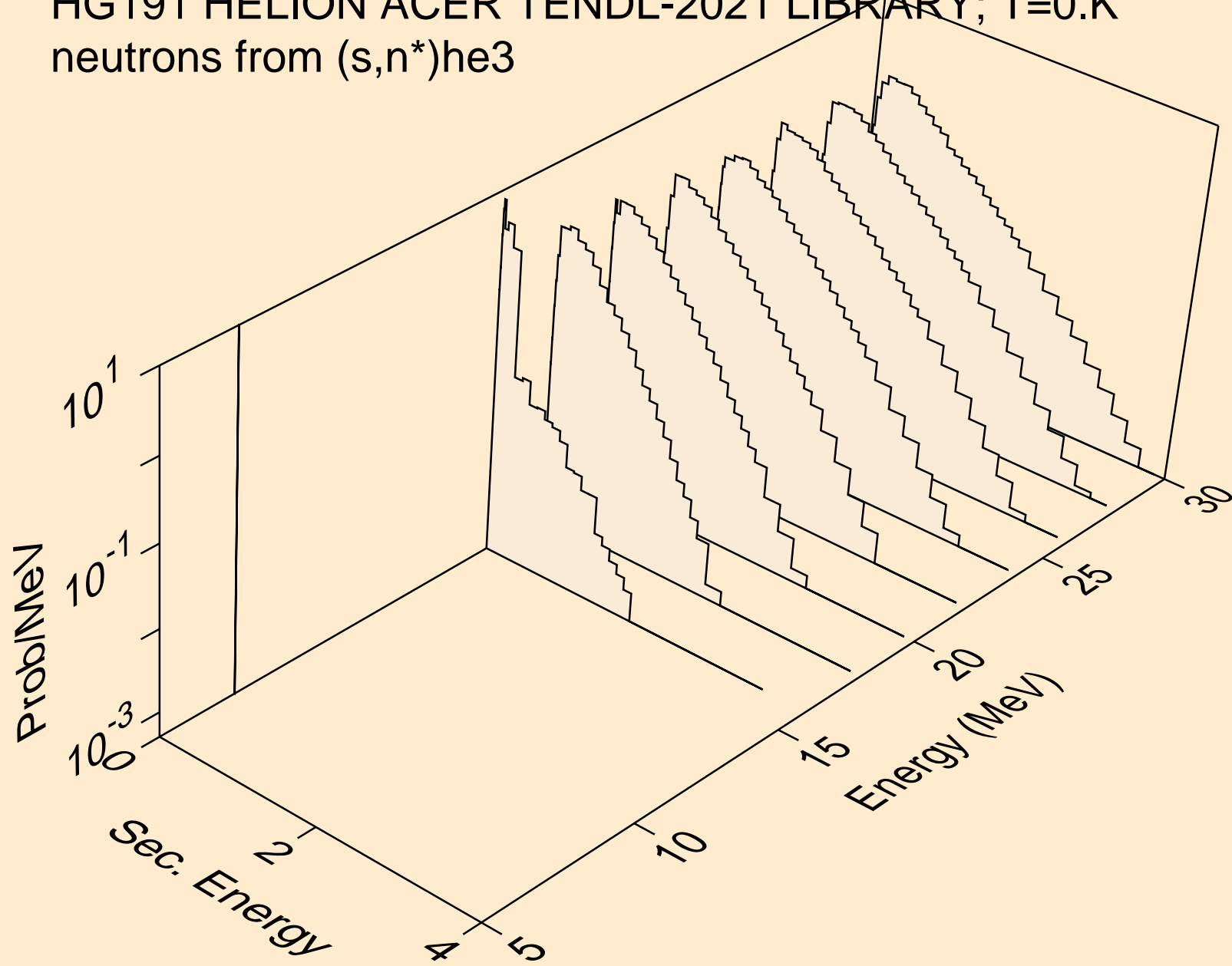
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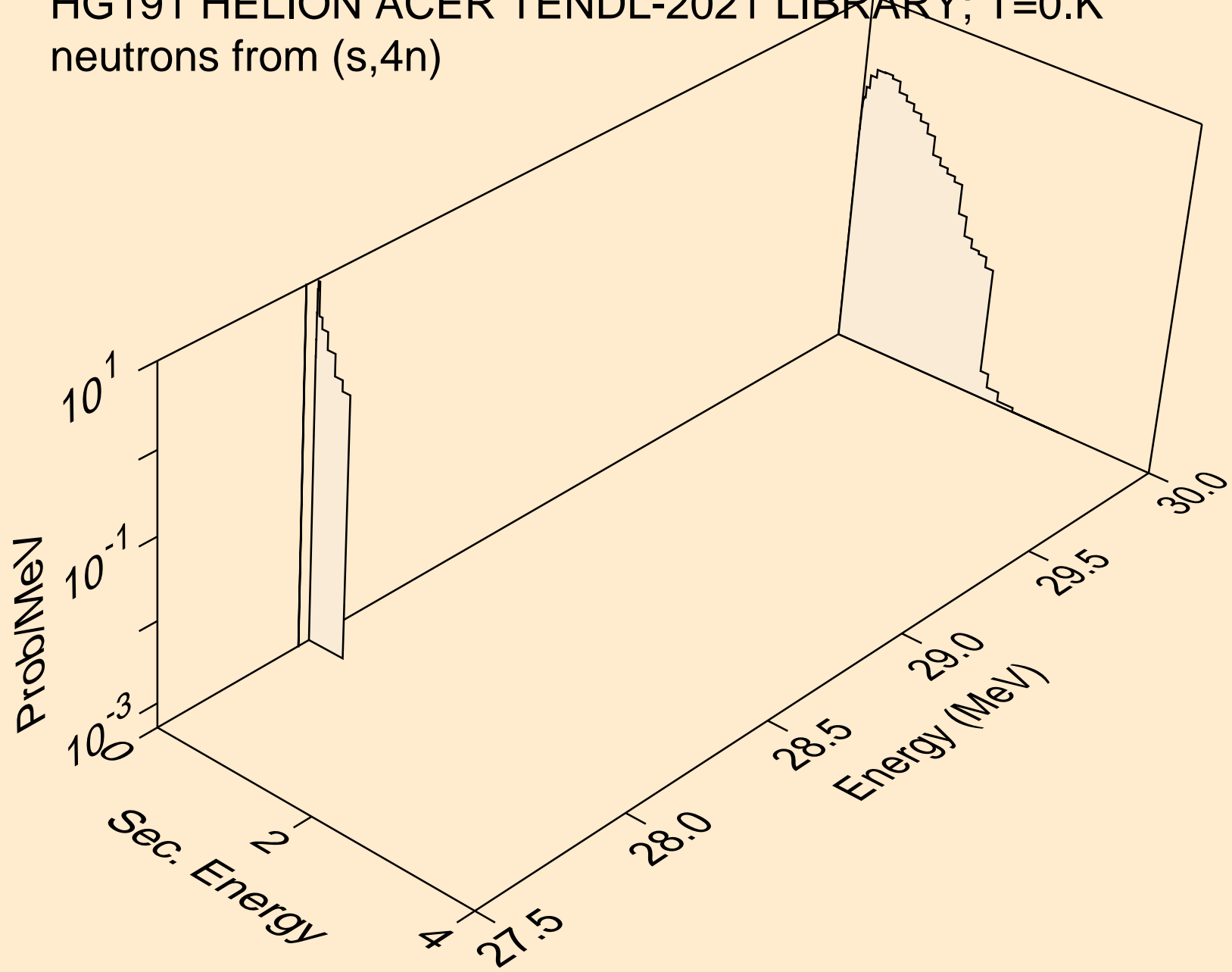
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

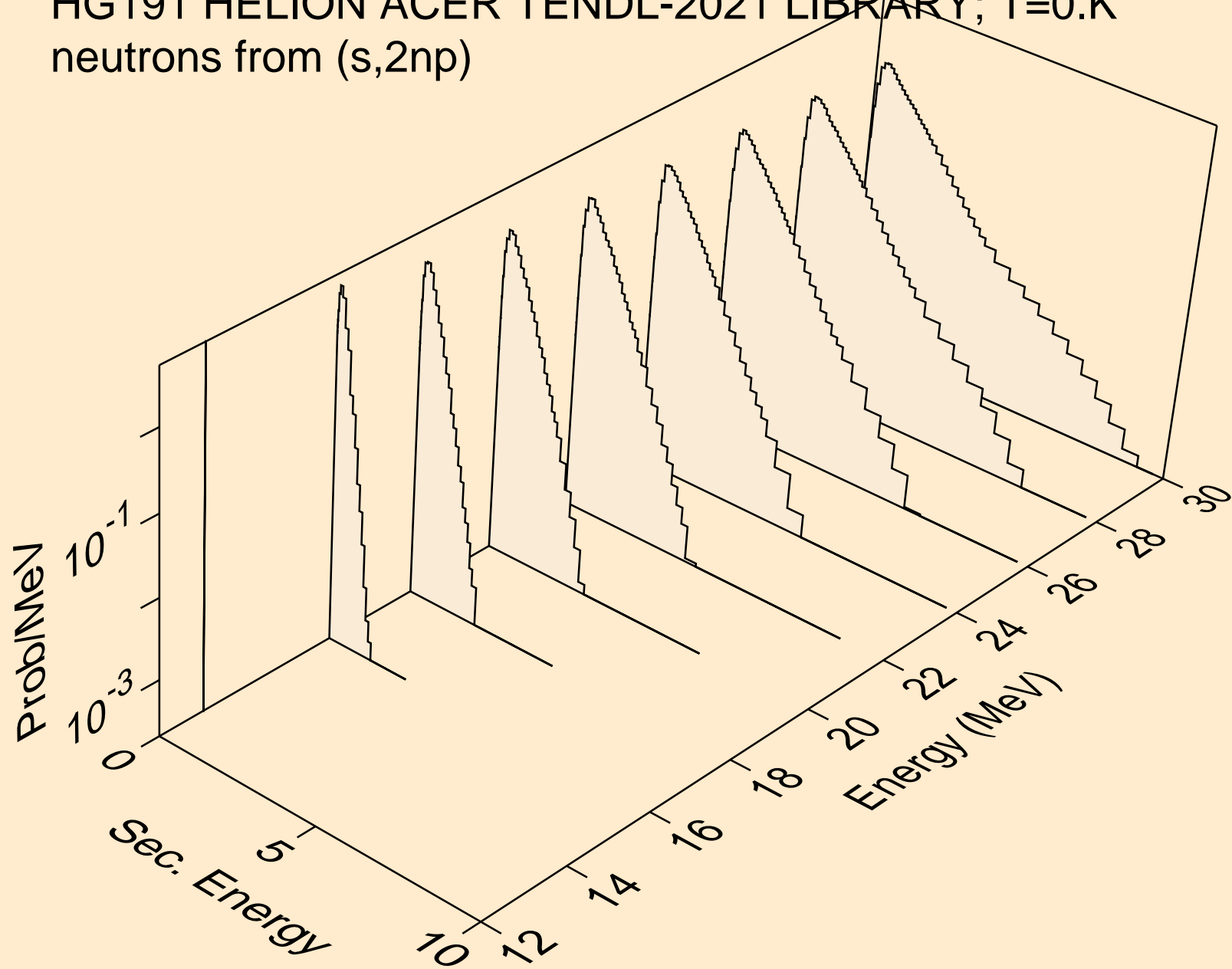


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neutrons from (s,4n)

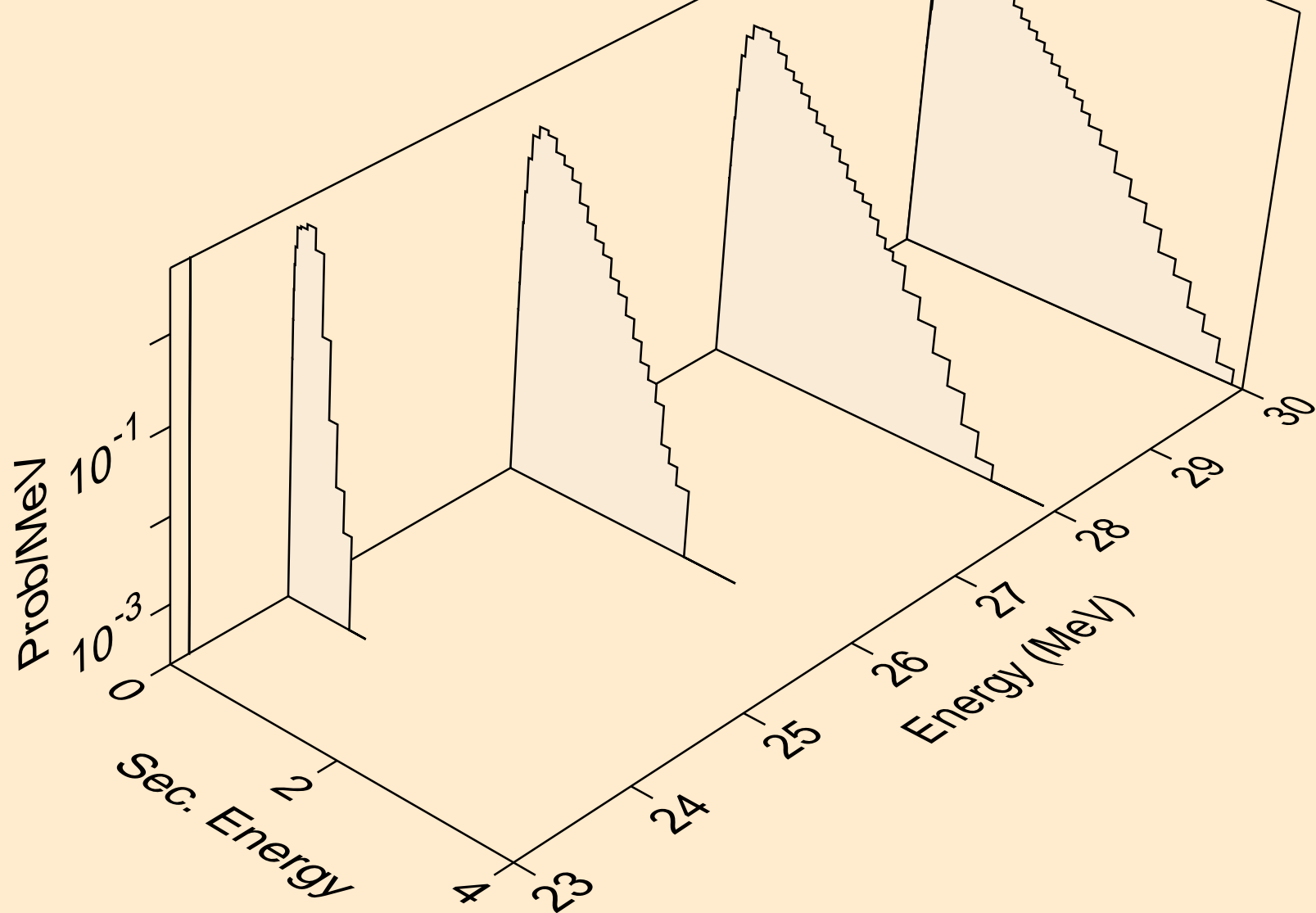




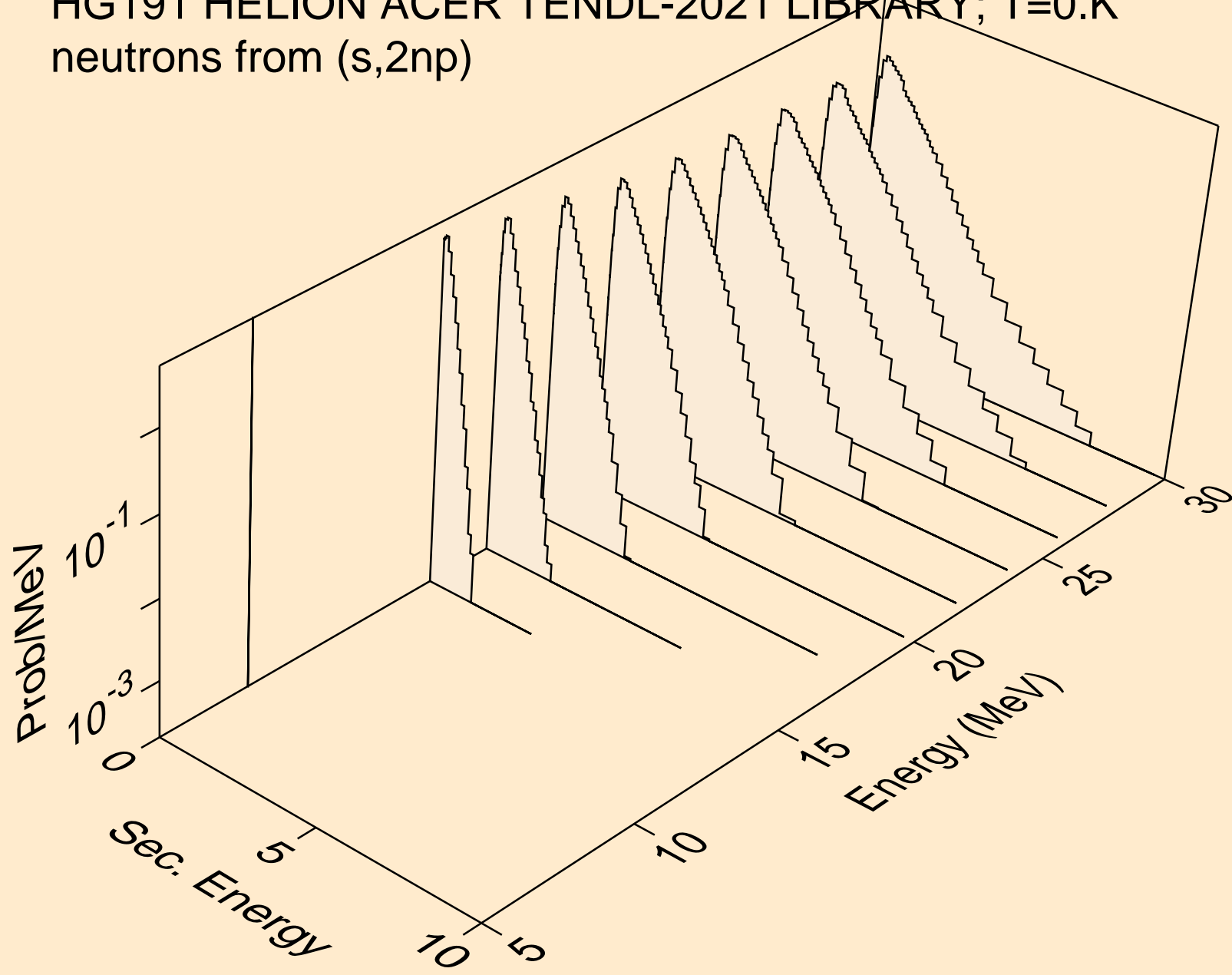
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neutrons from (s,2np)



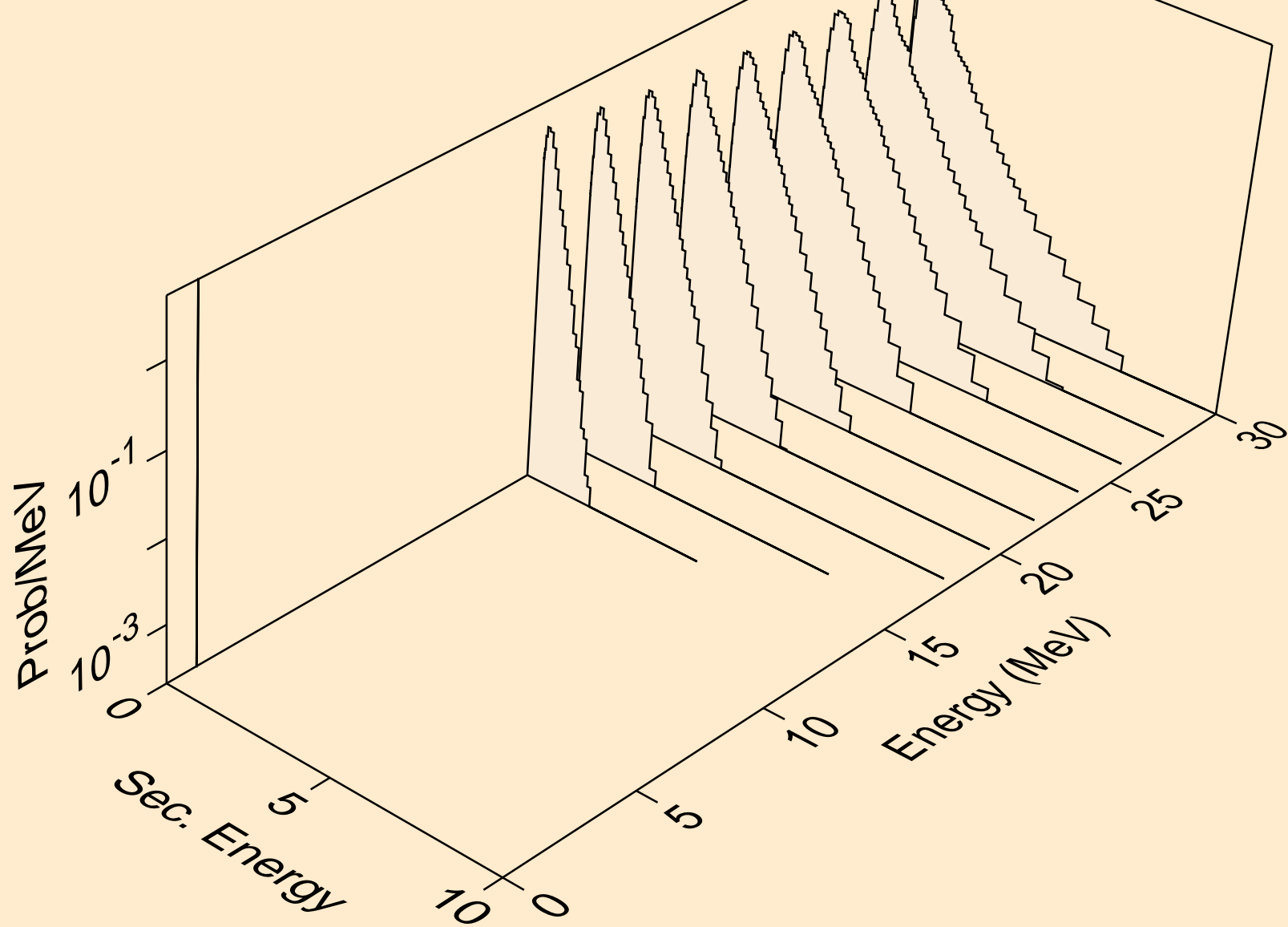
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neutrons from (s,3np)



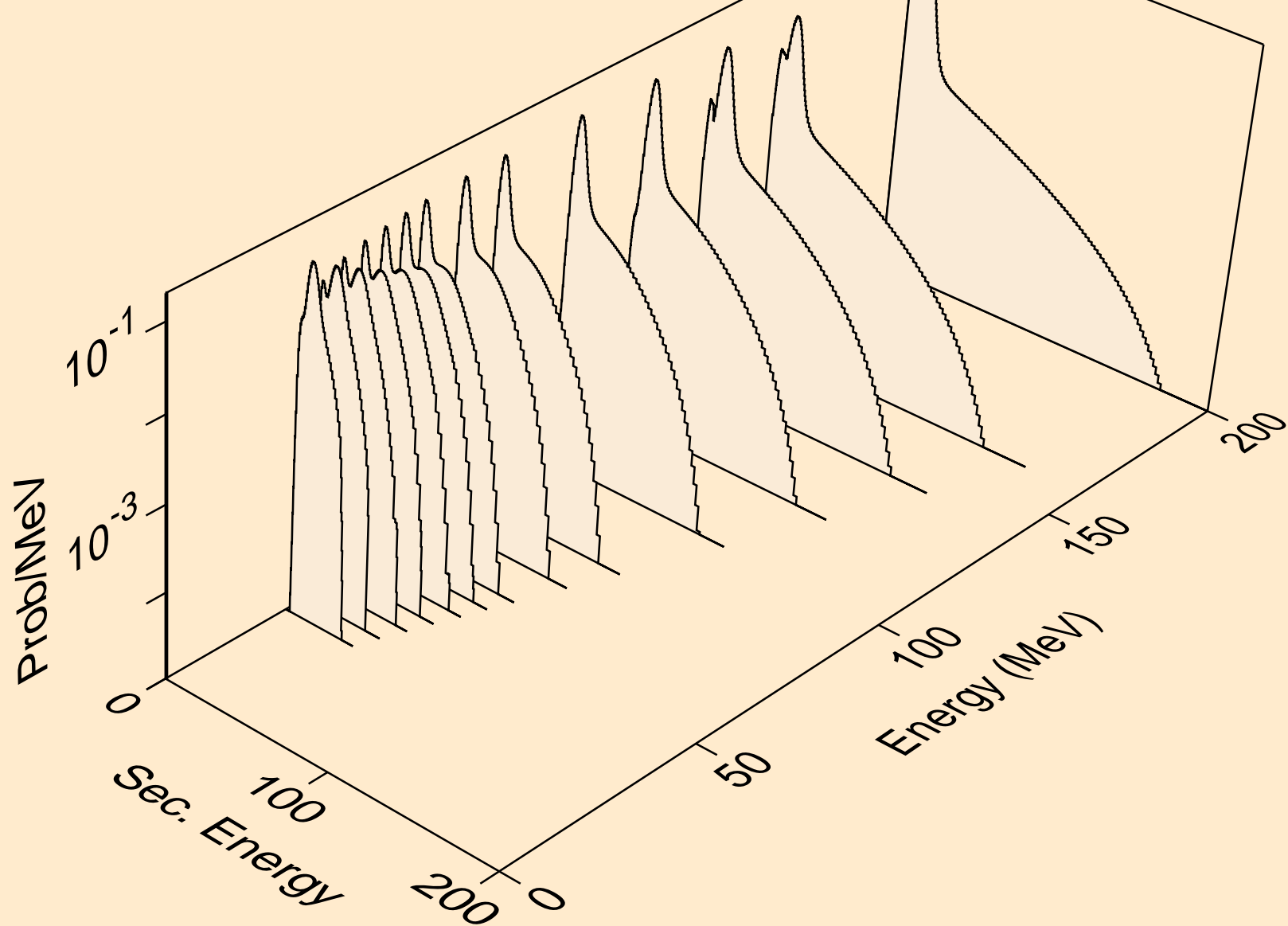
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



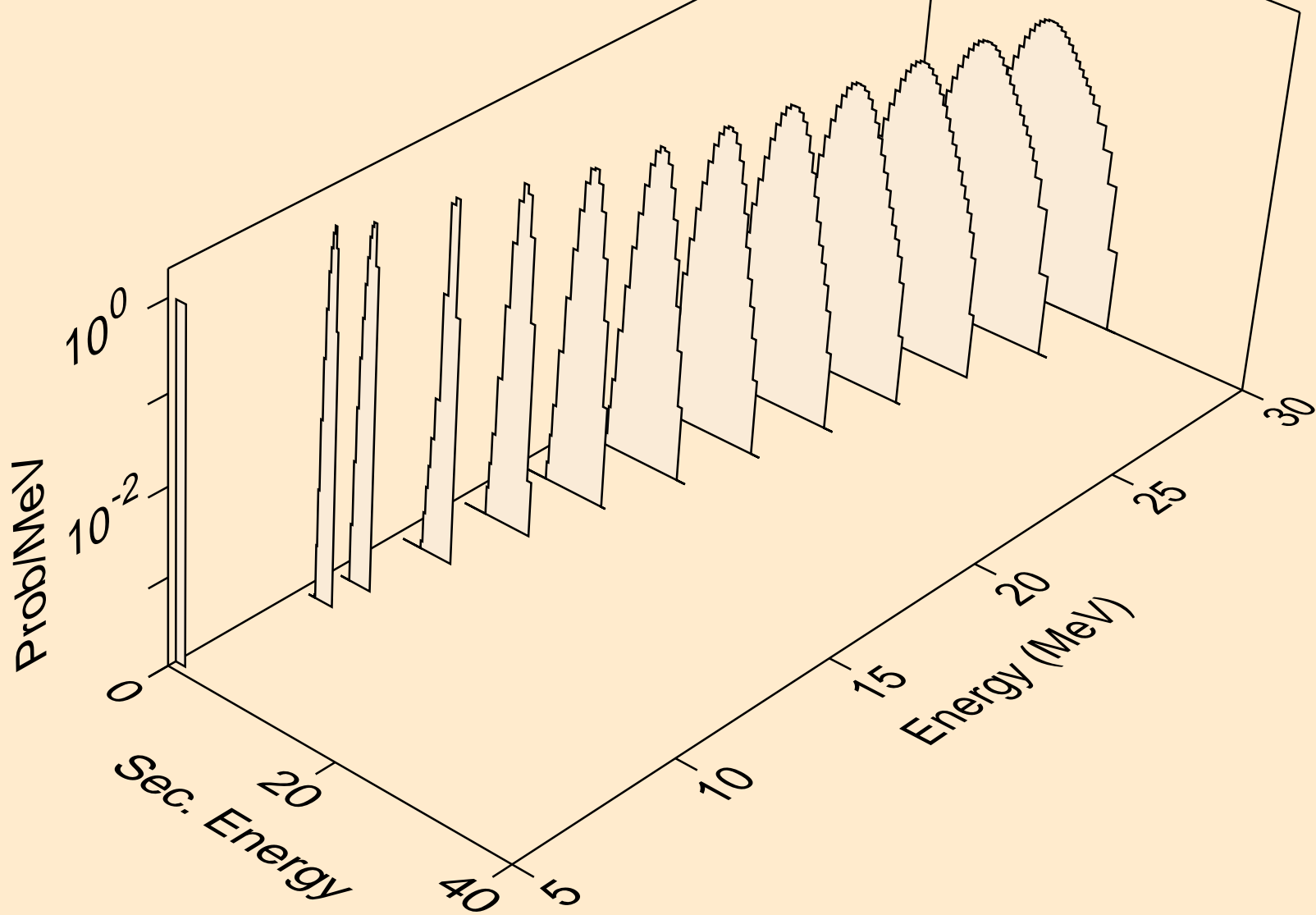
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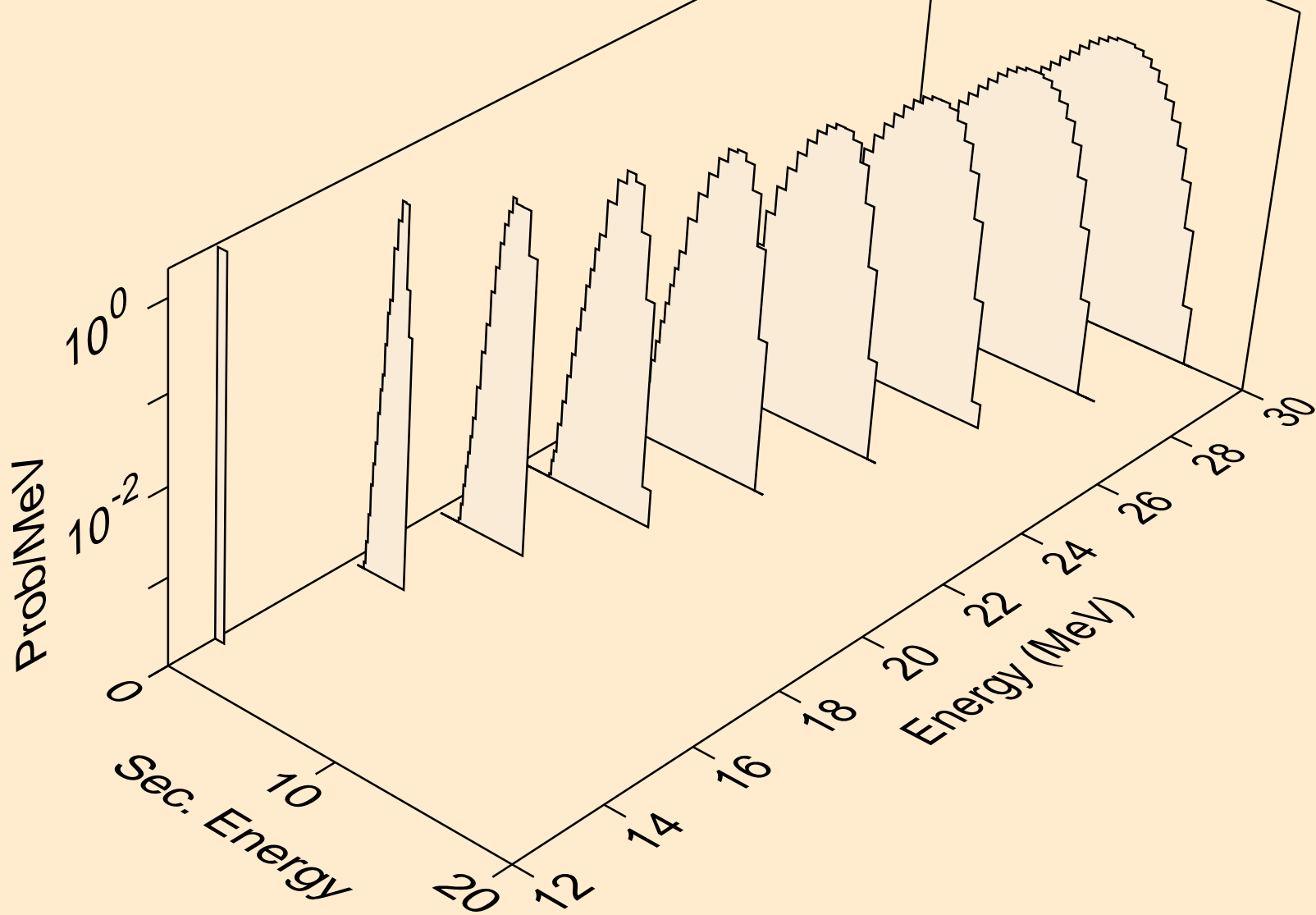
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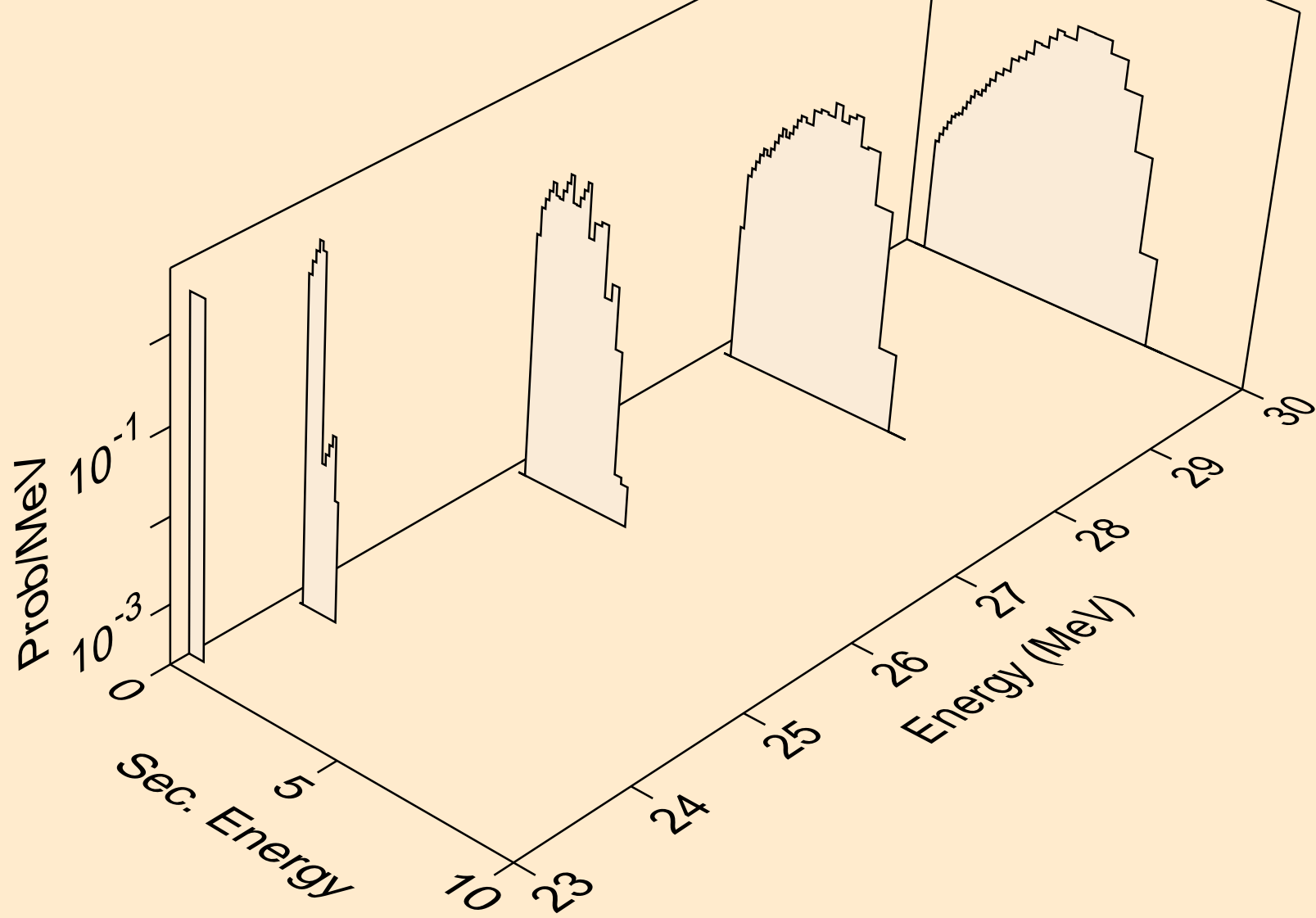
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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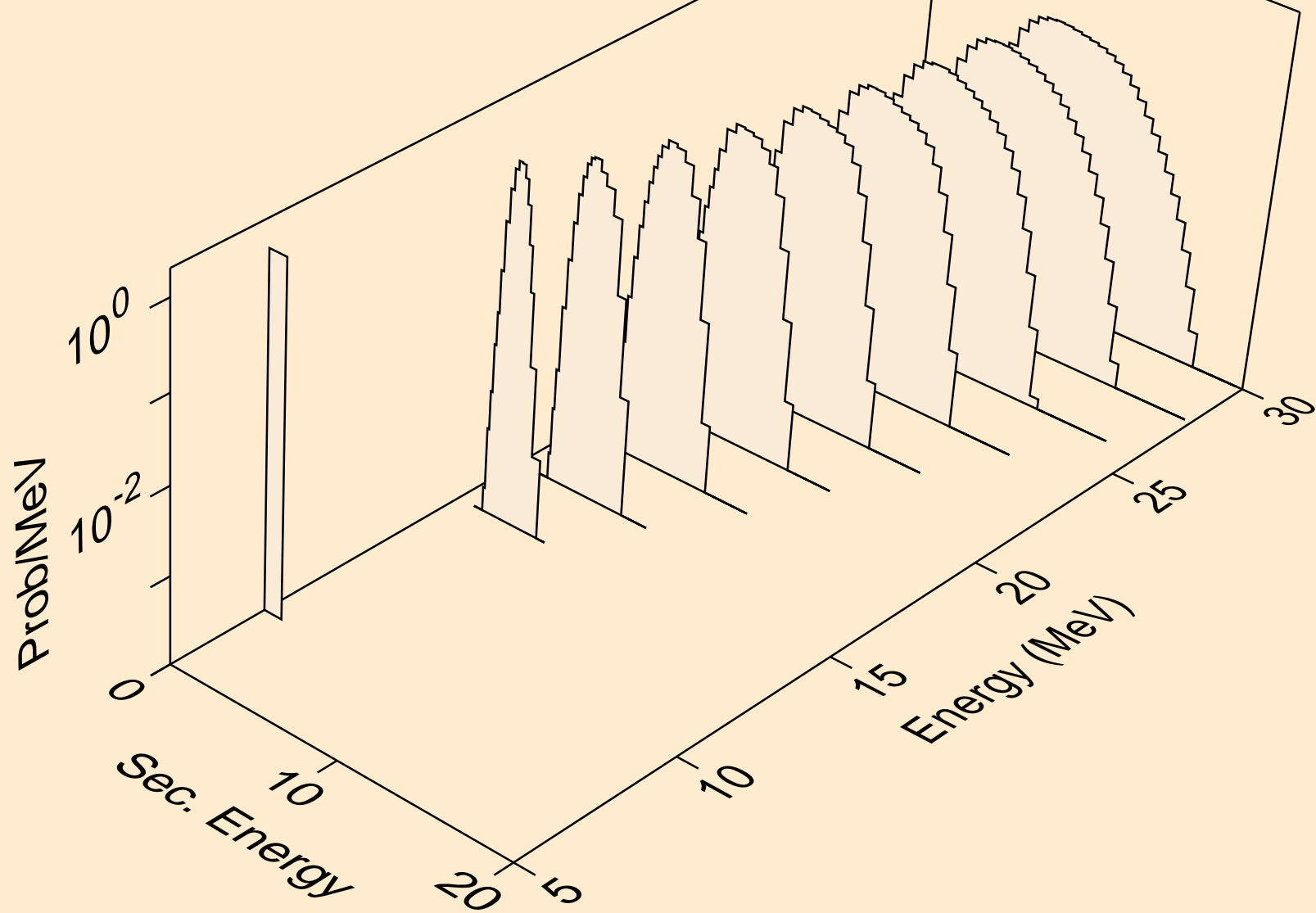


HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)

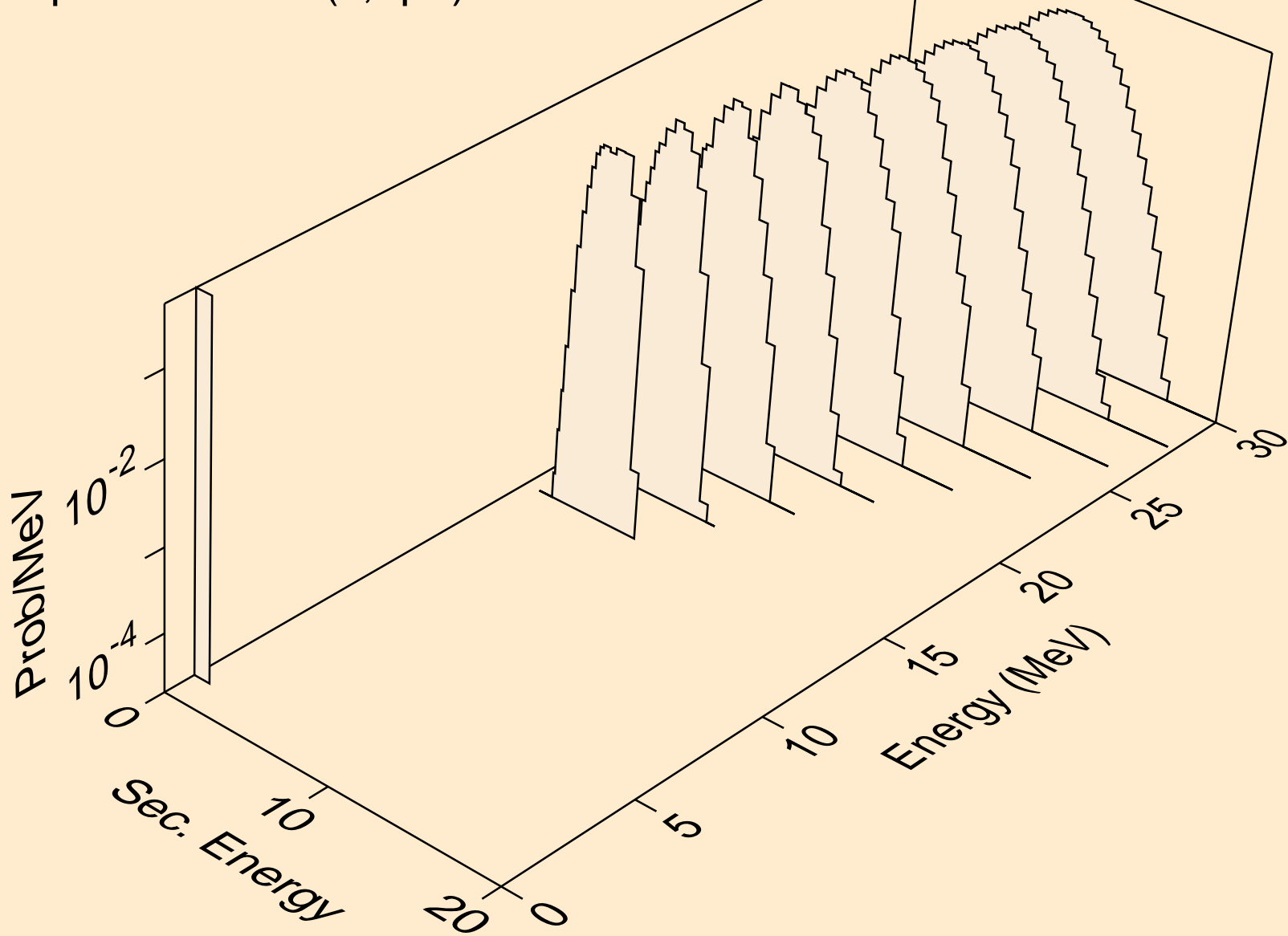




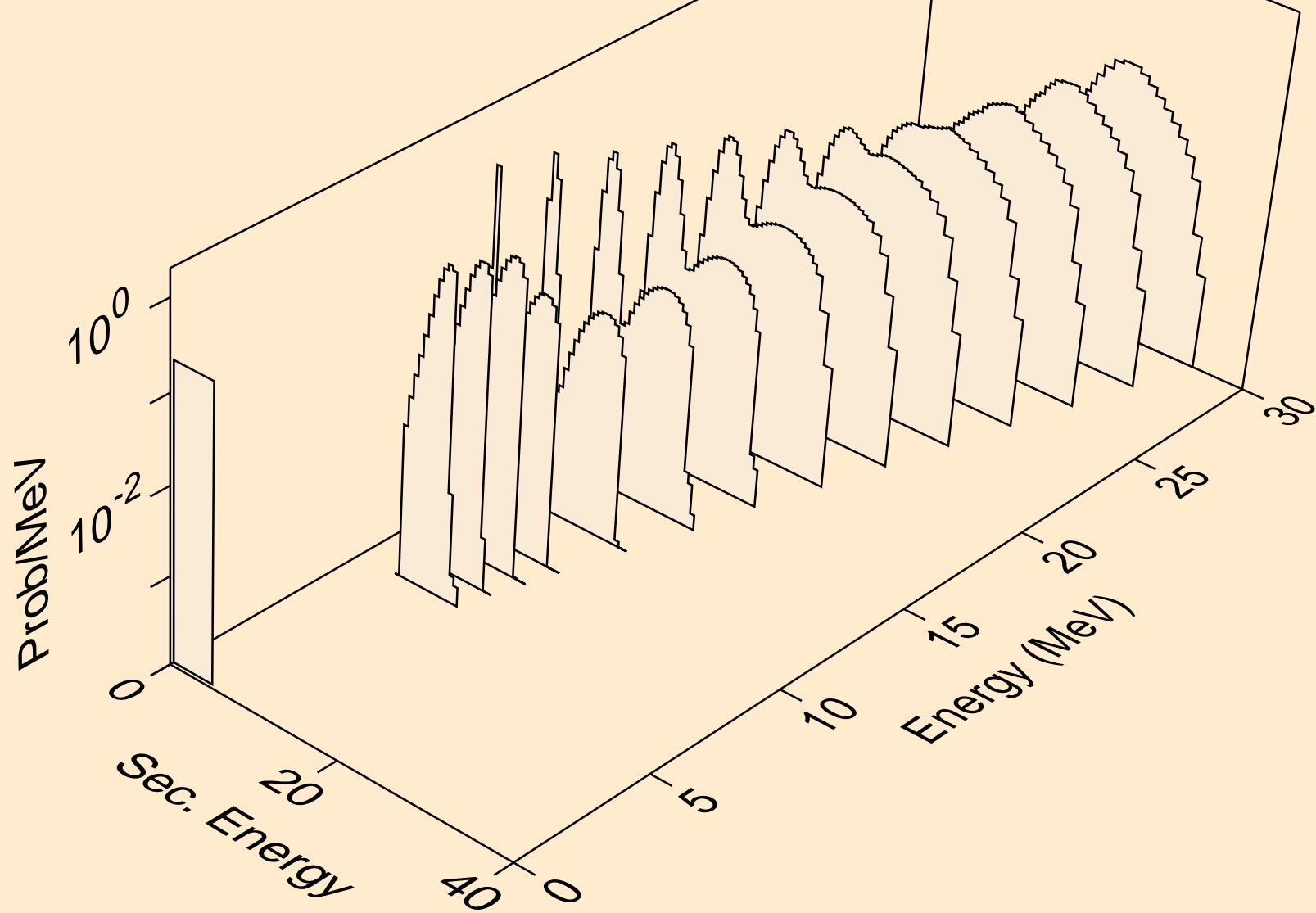
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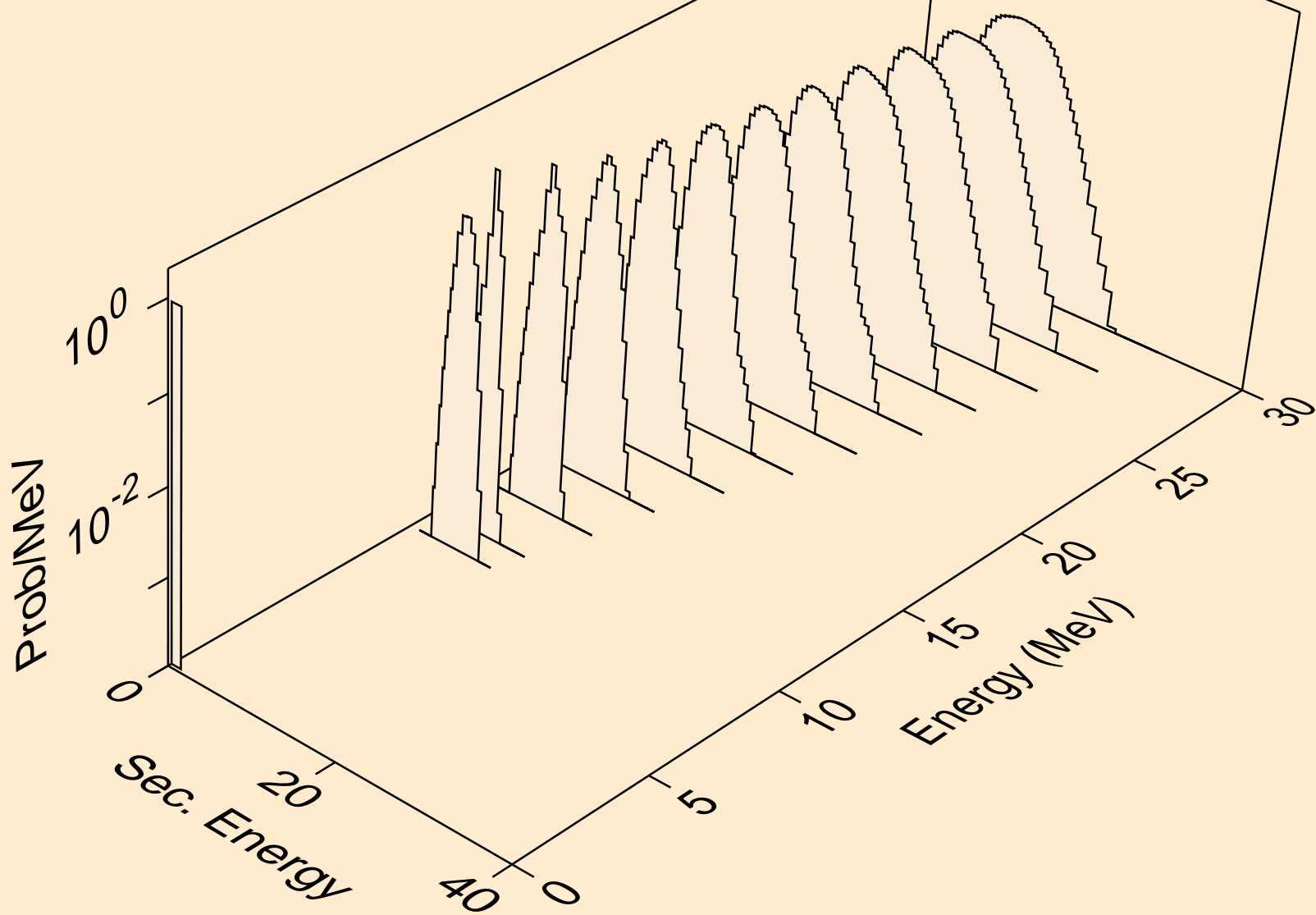
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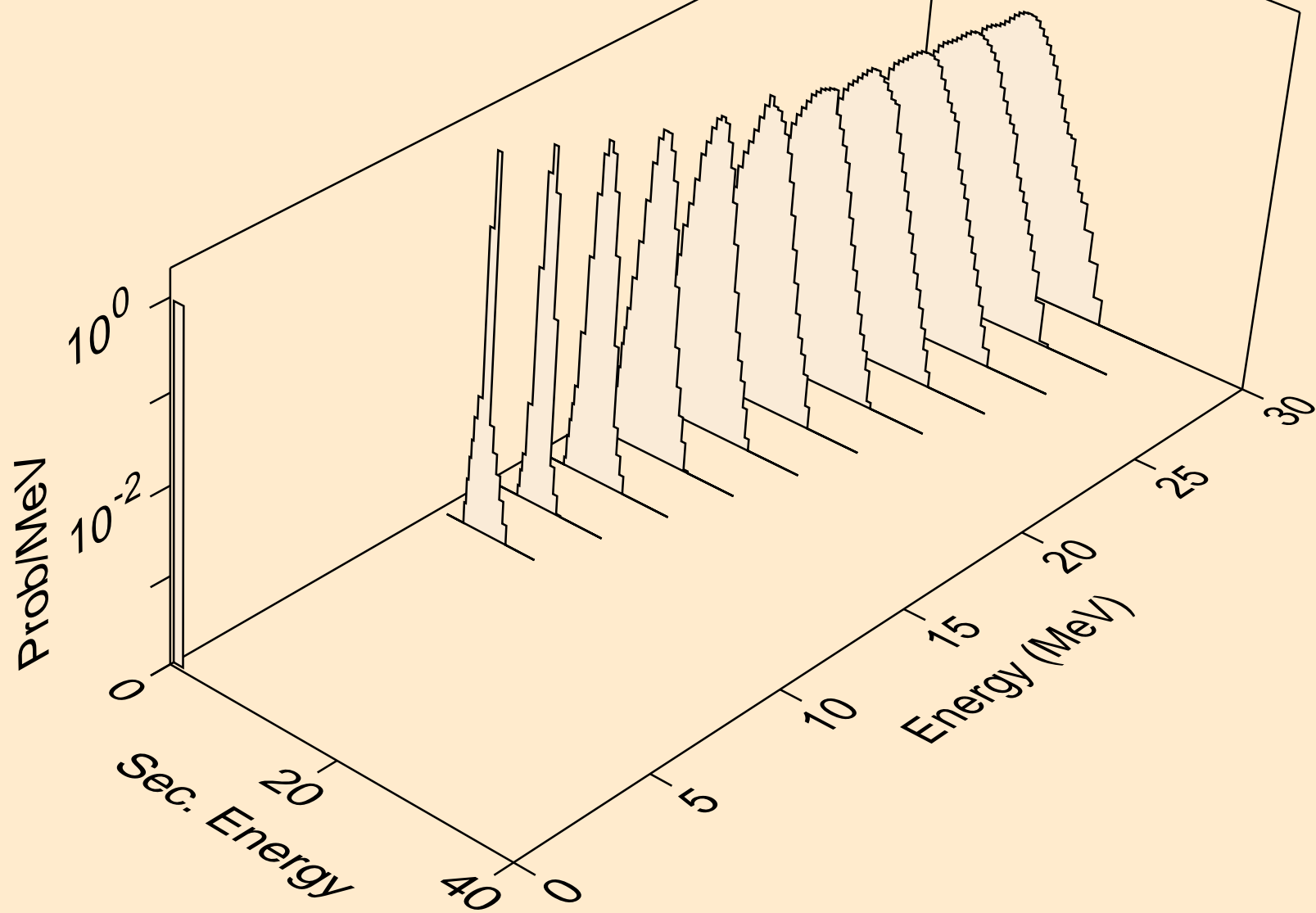
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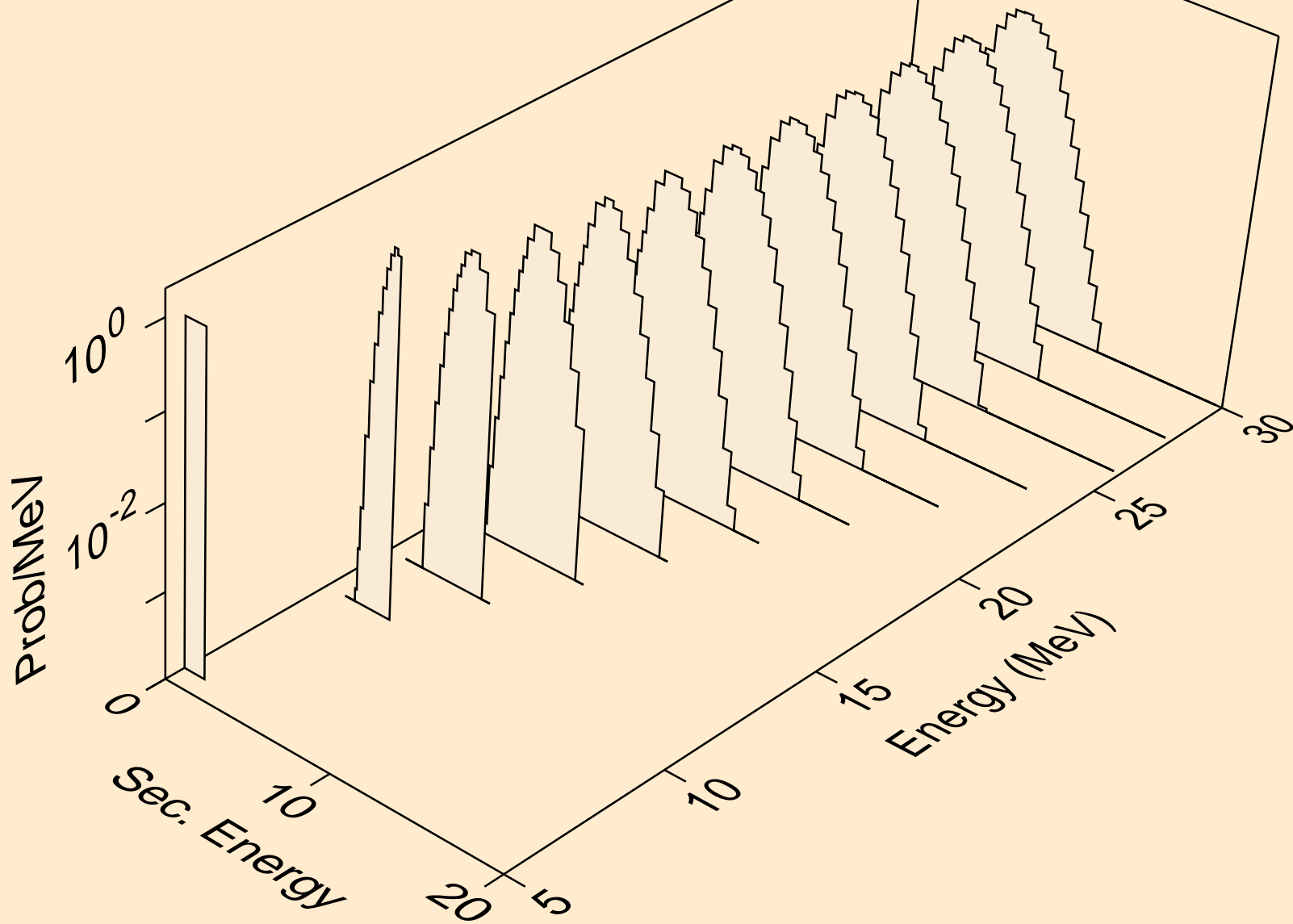
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protons from (s,2p)



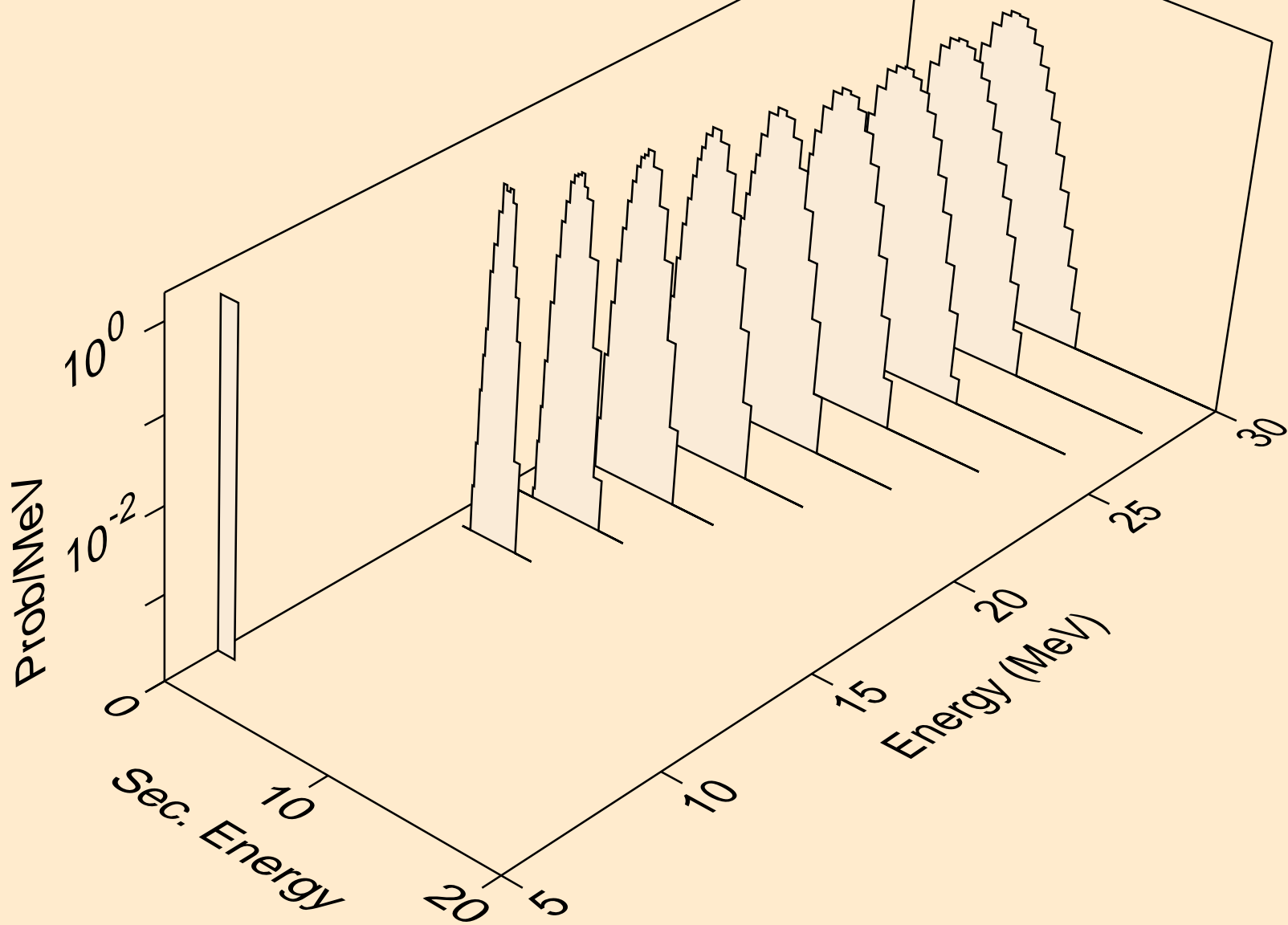
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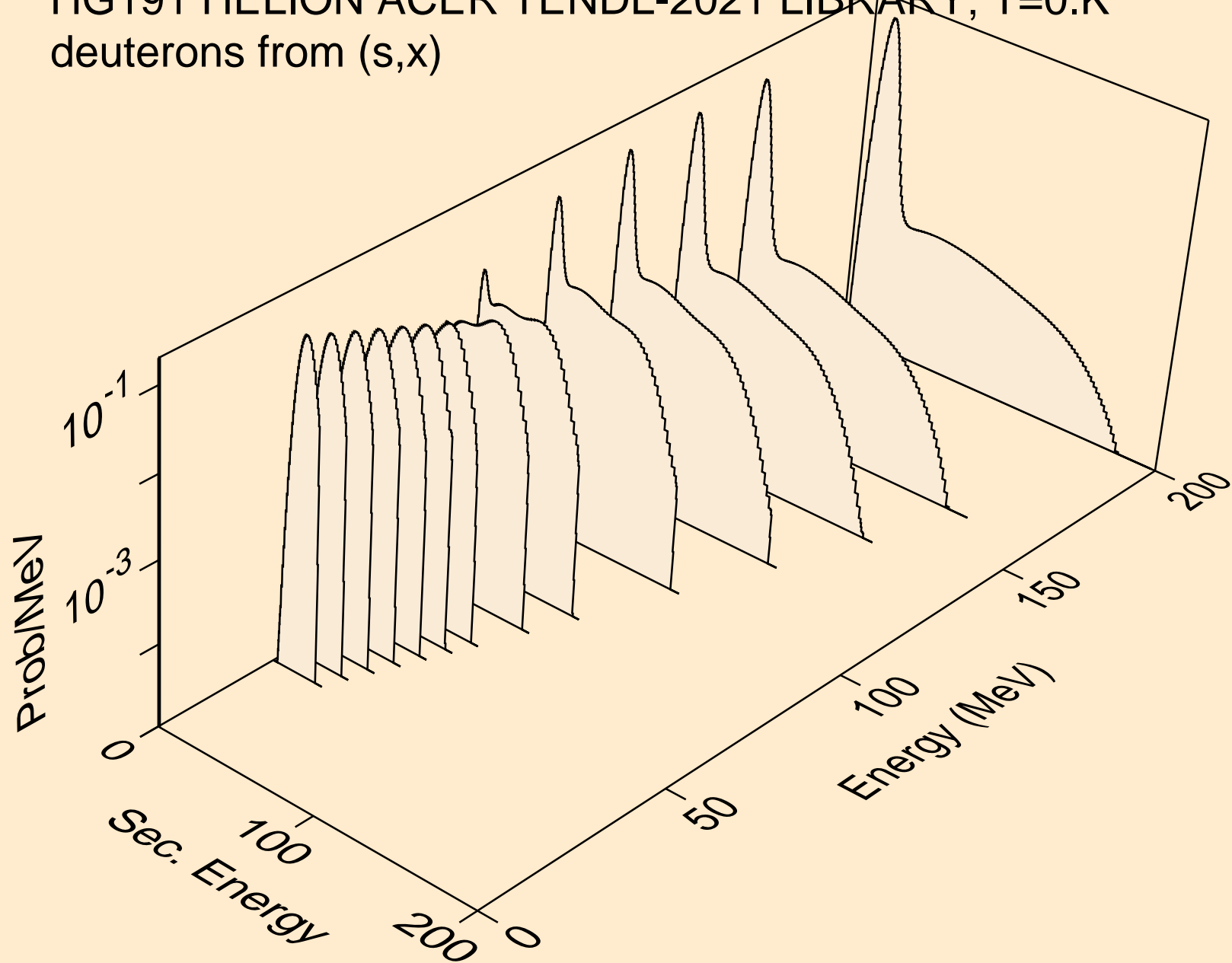
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

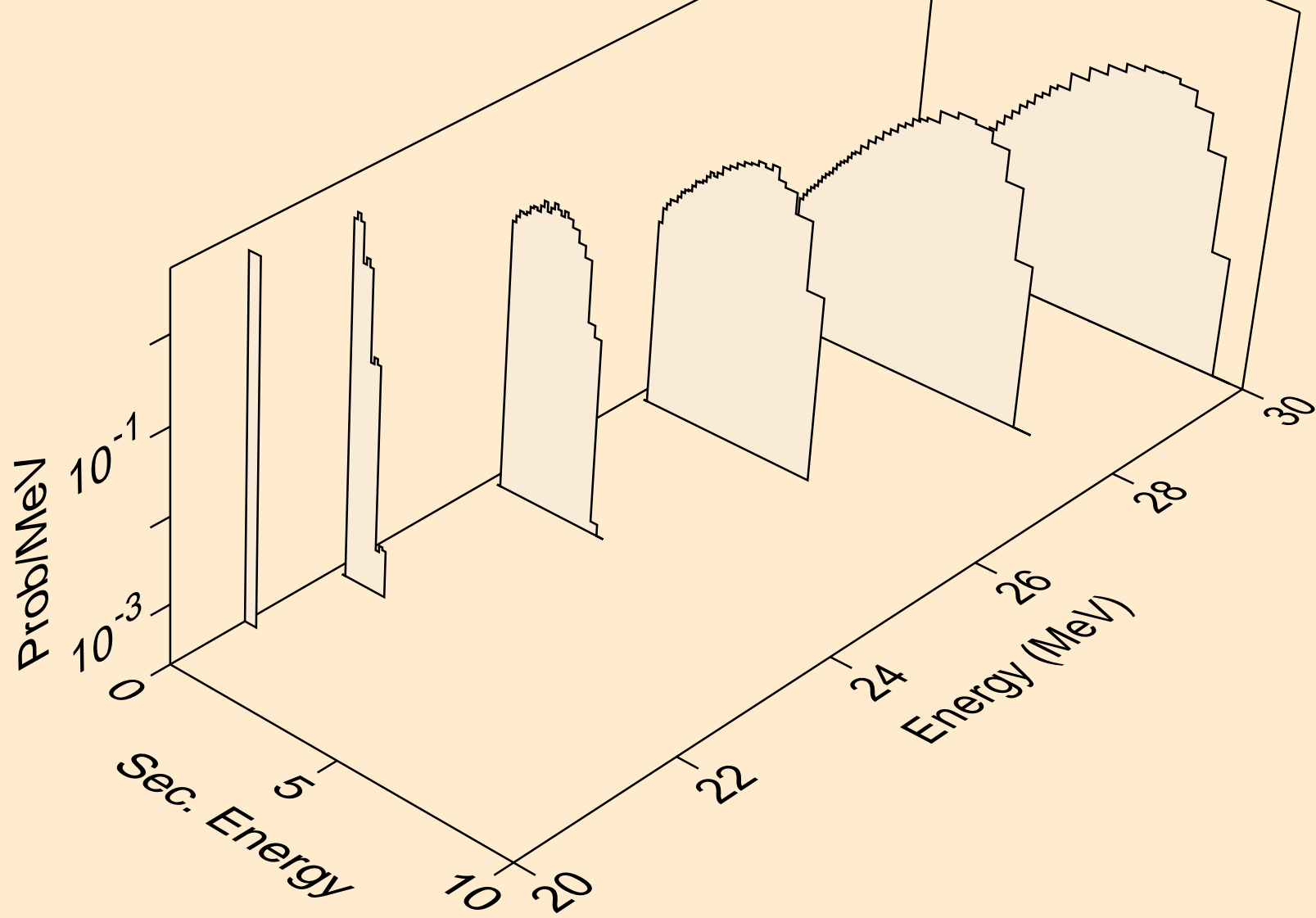


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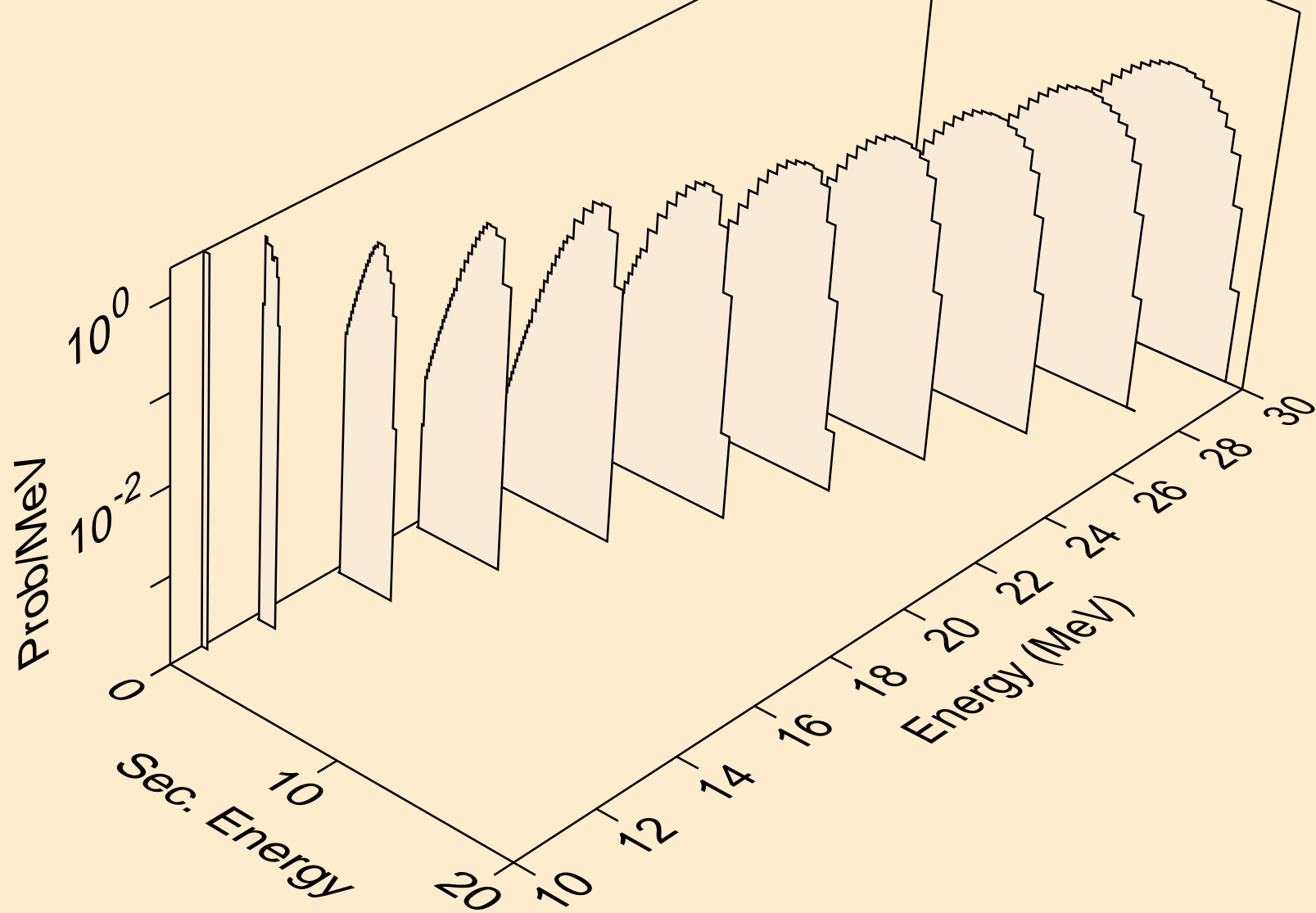




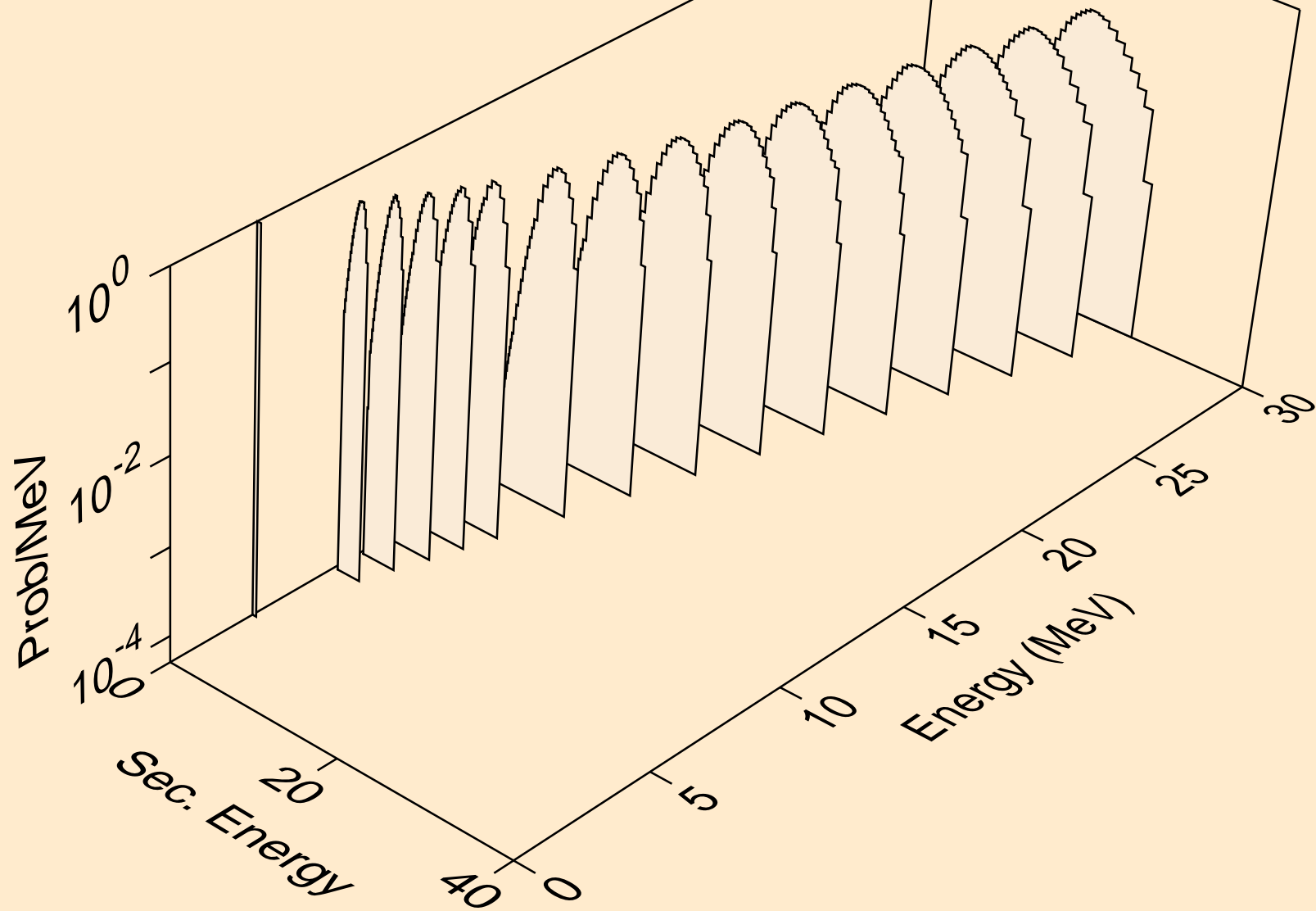
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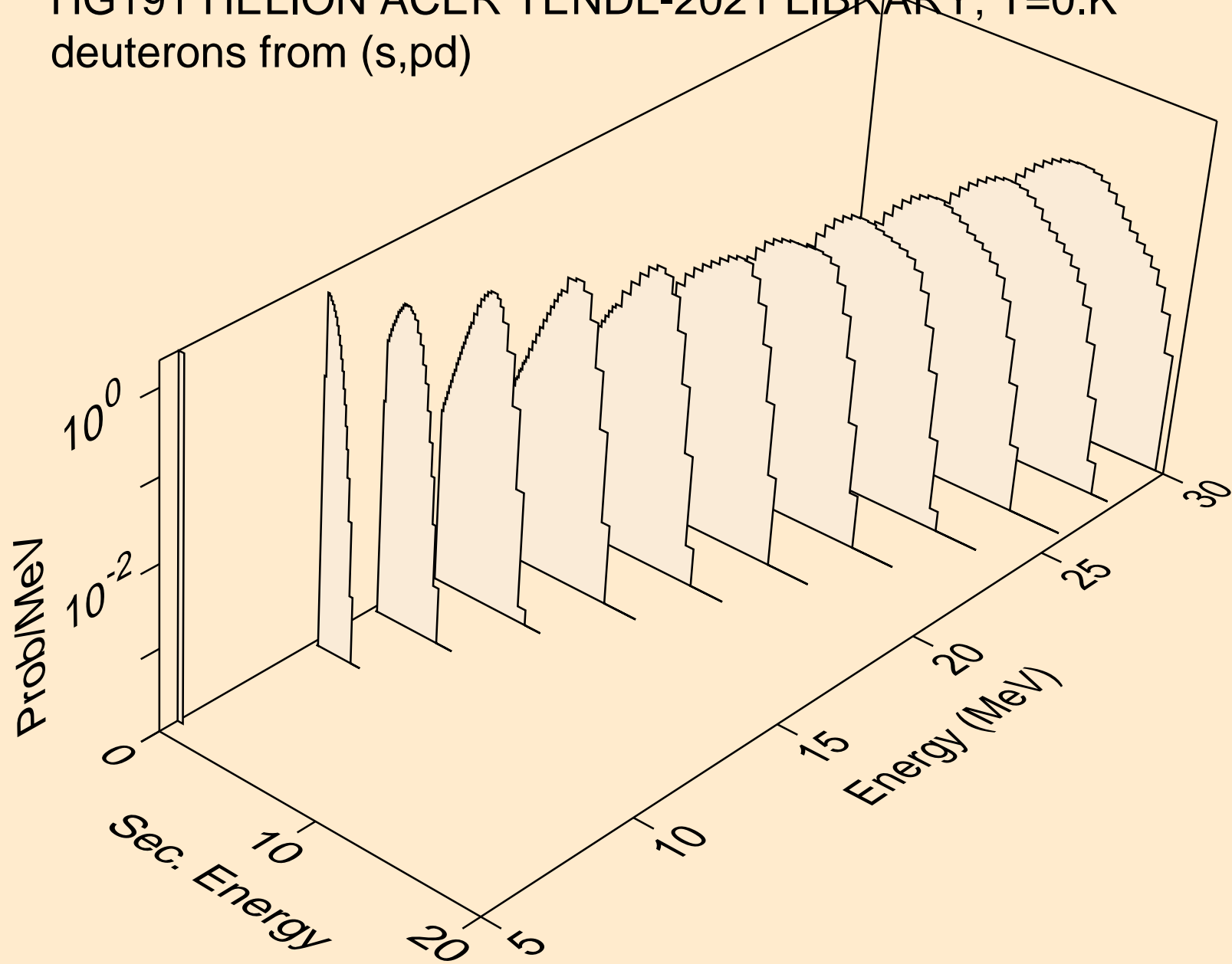
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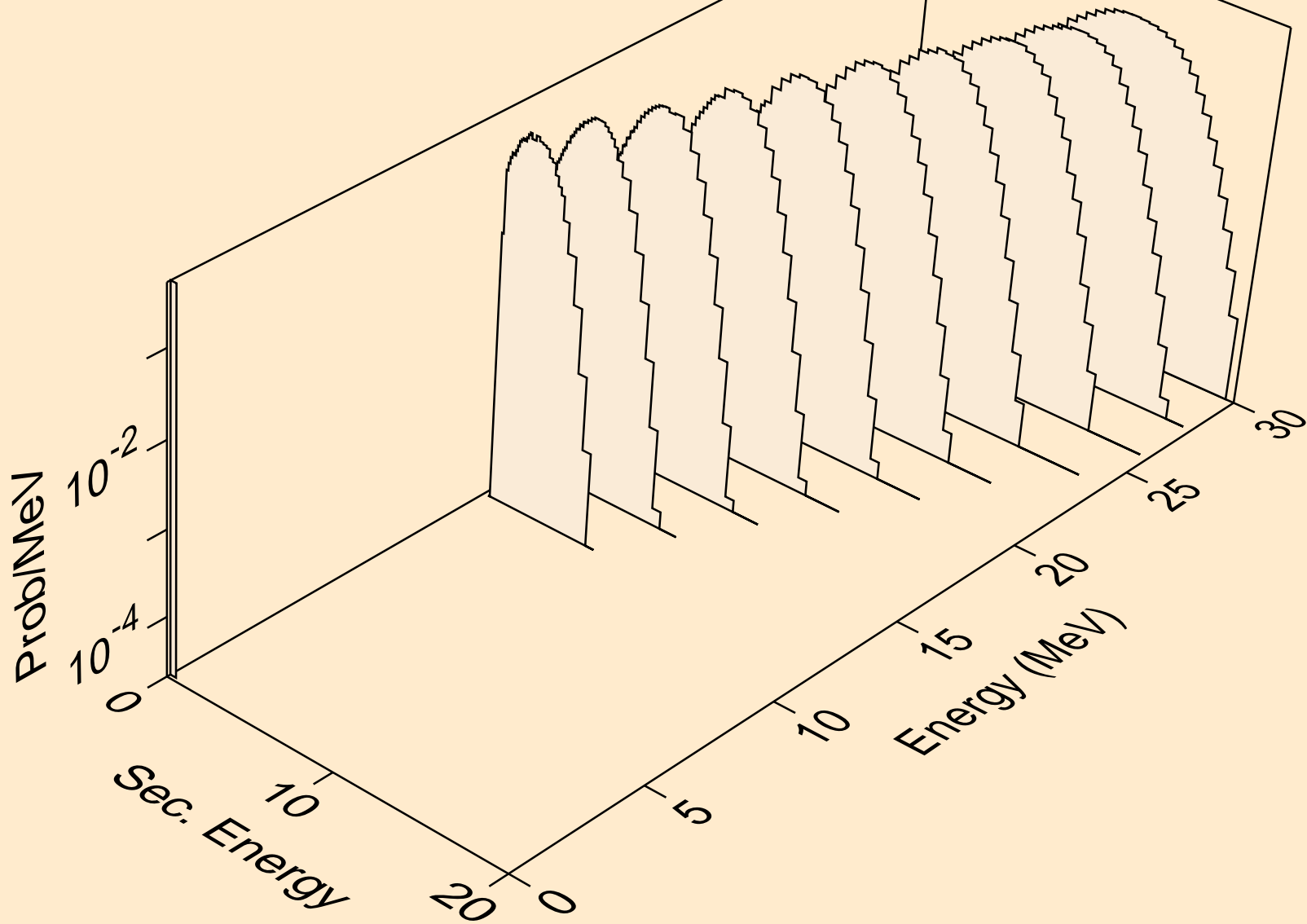
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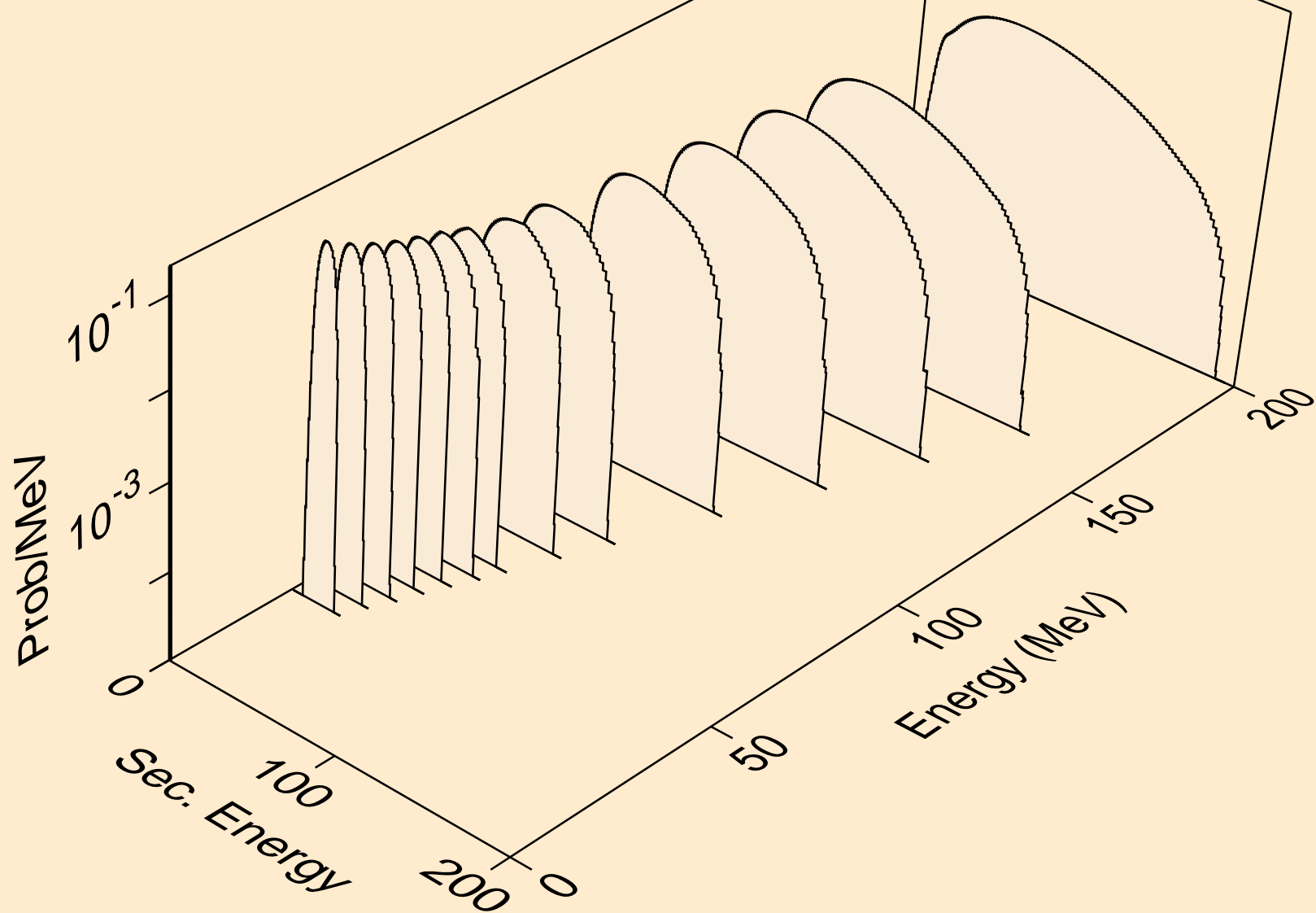
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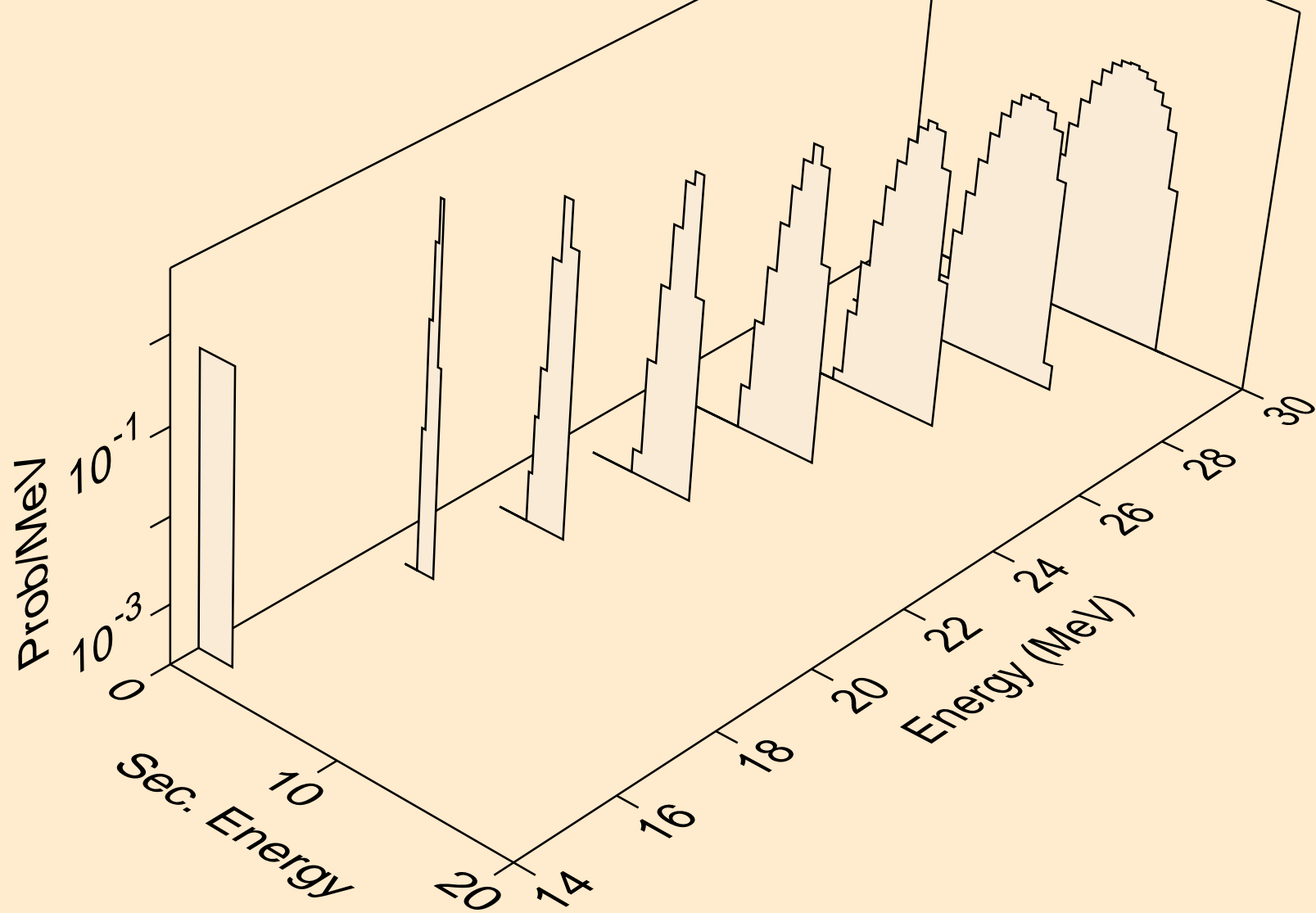
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deuterons from (s,da)



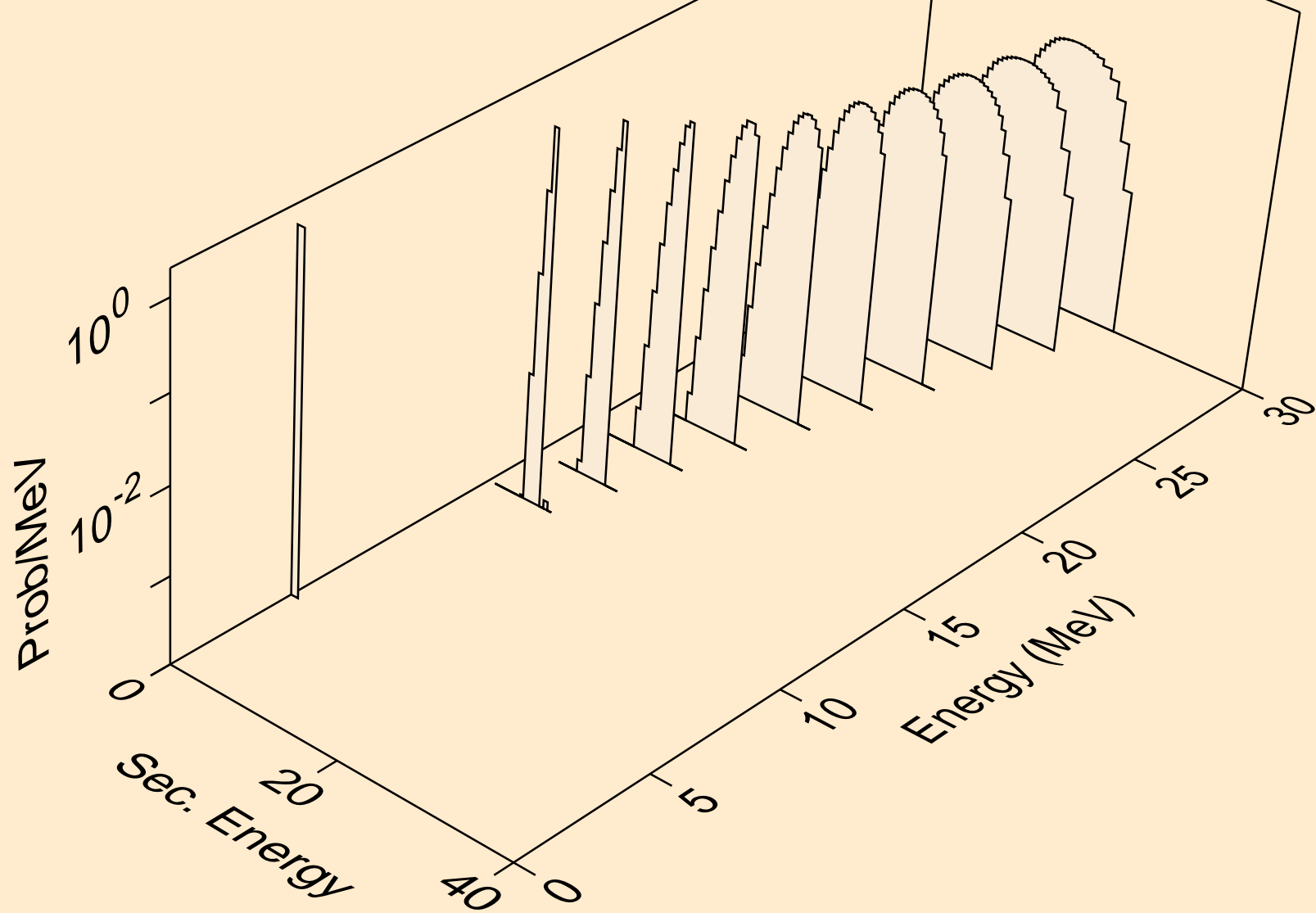
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t

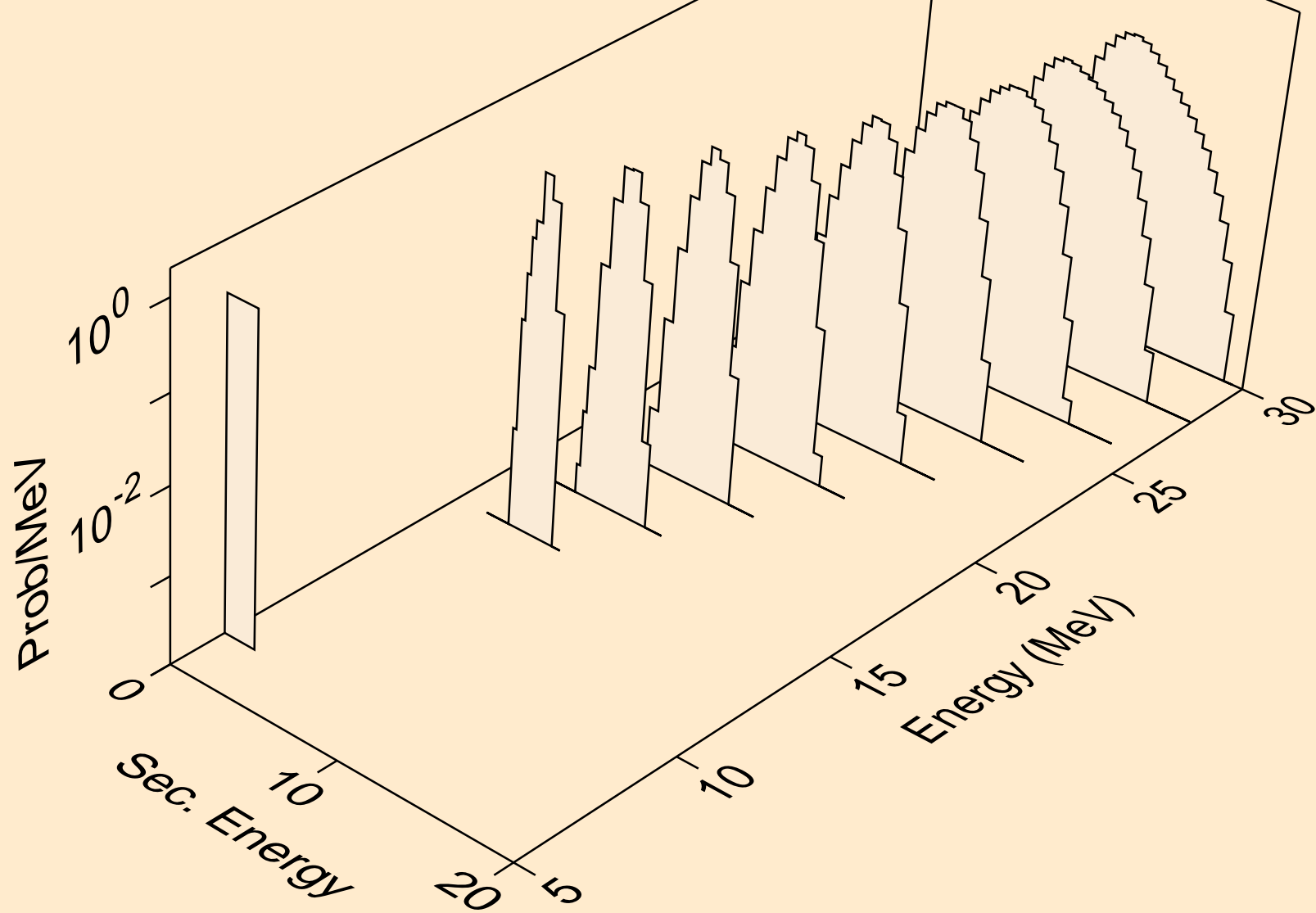


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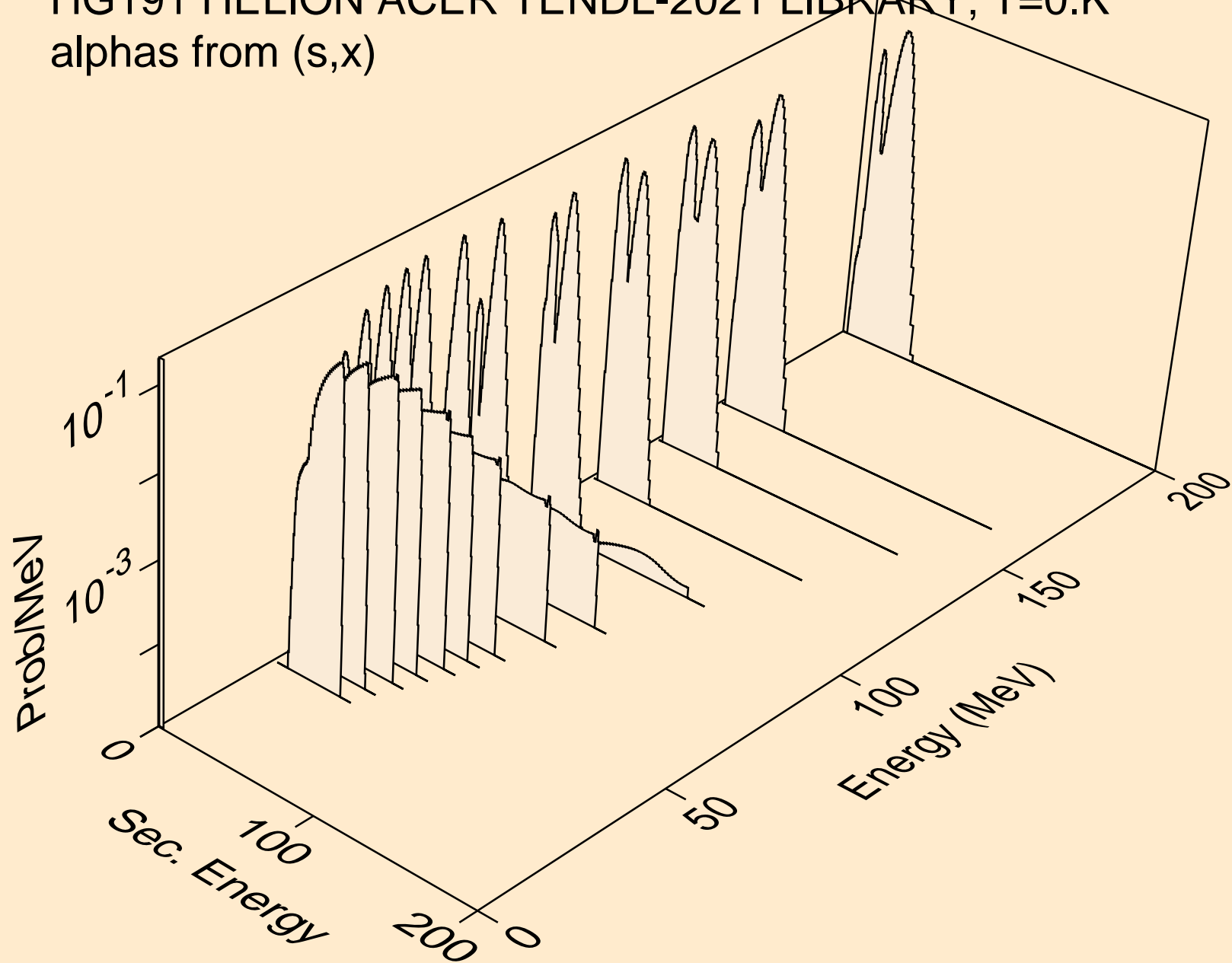




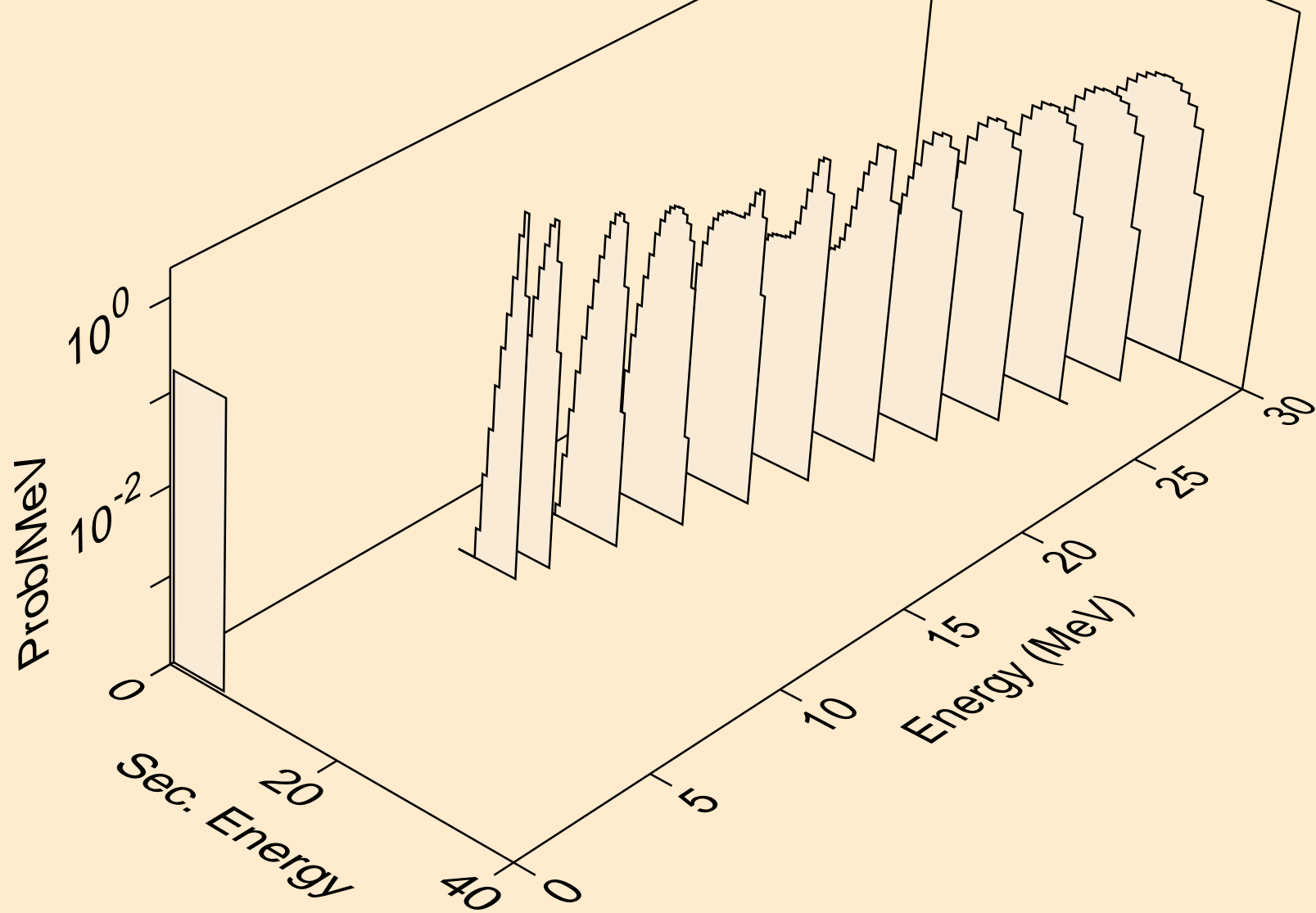
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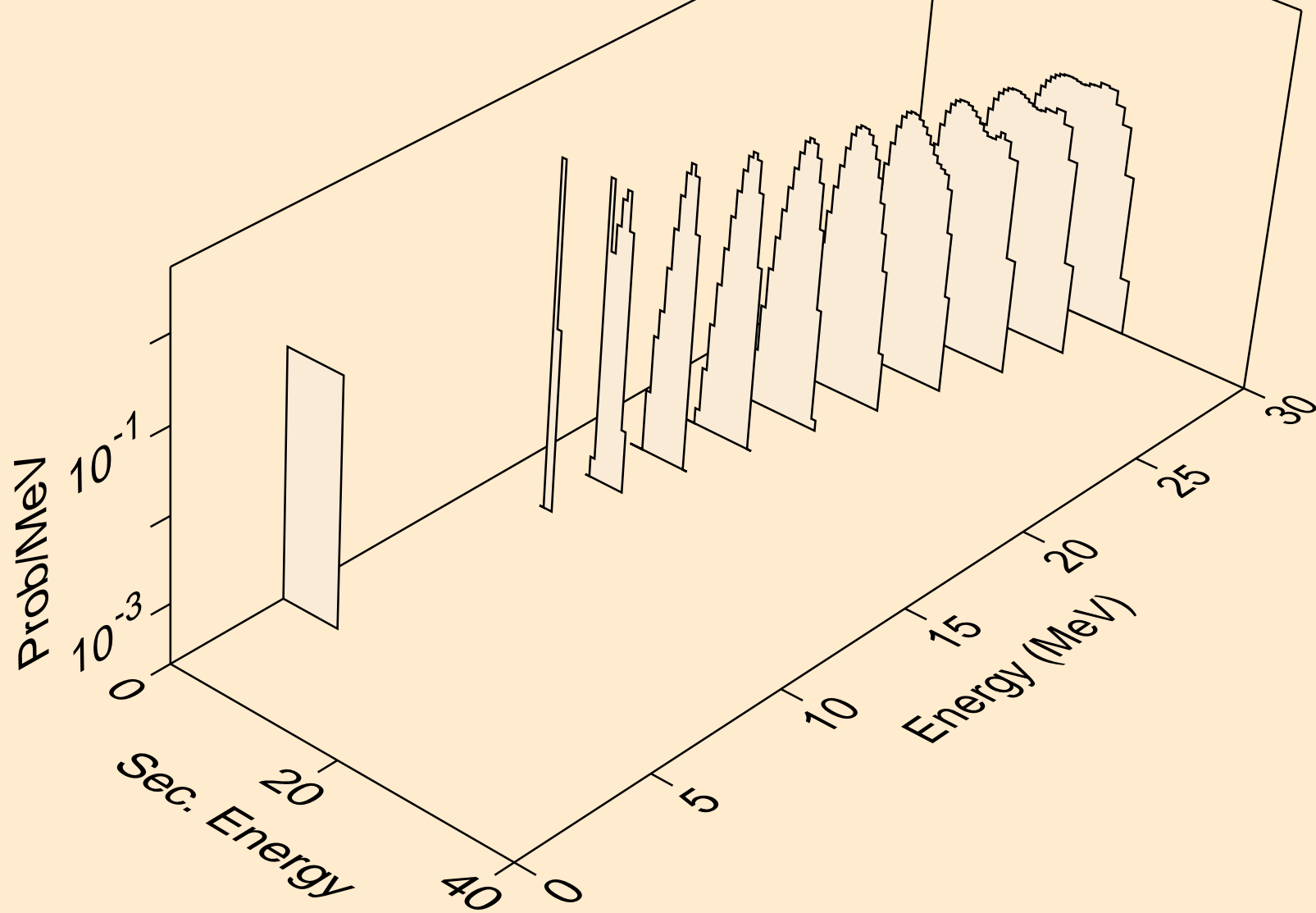
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



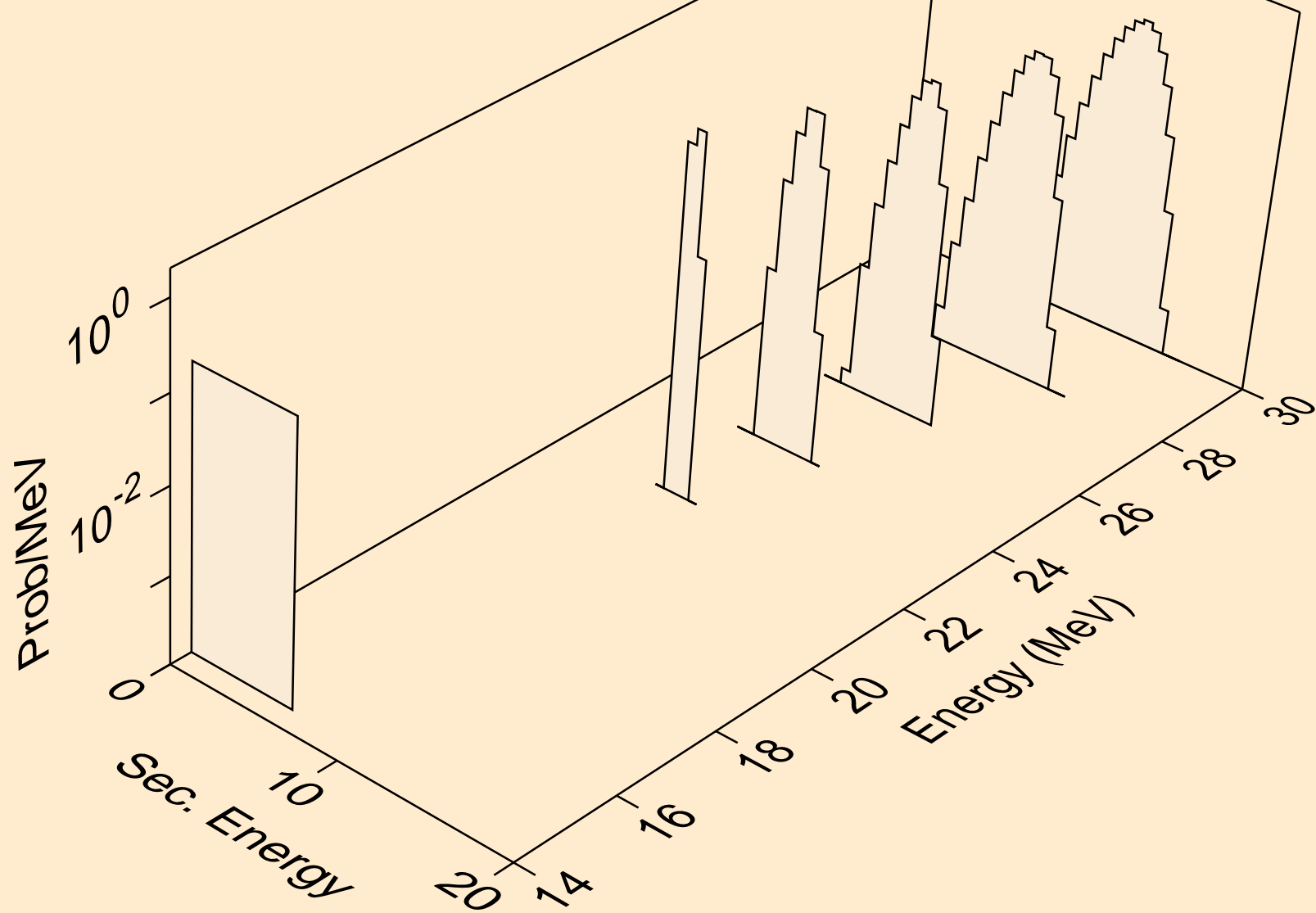
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alphas from (s,n\*)a



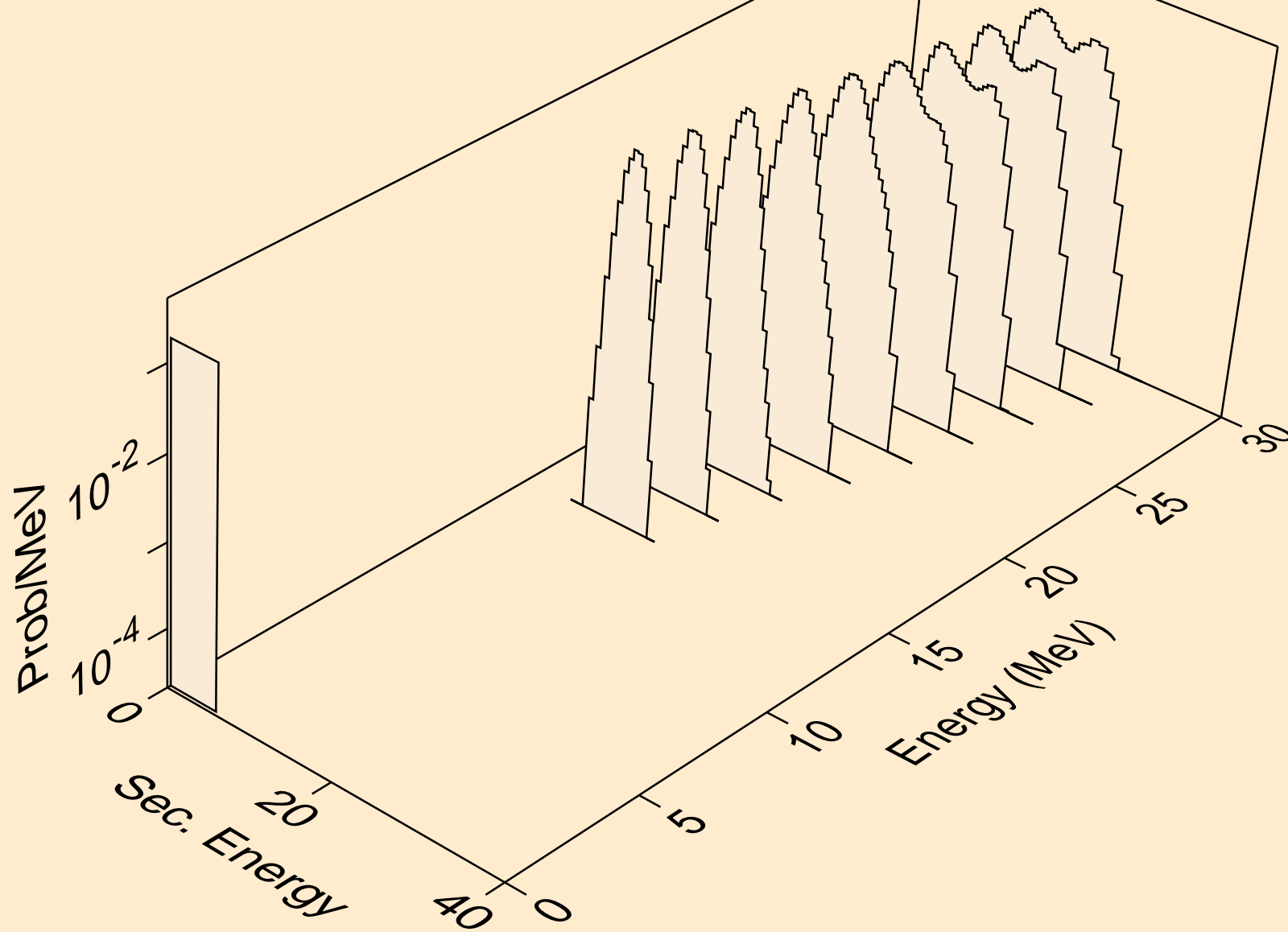
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alphas from (s,2n)a



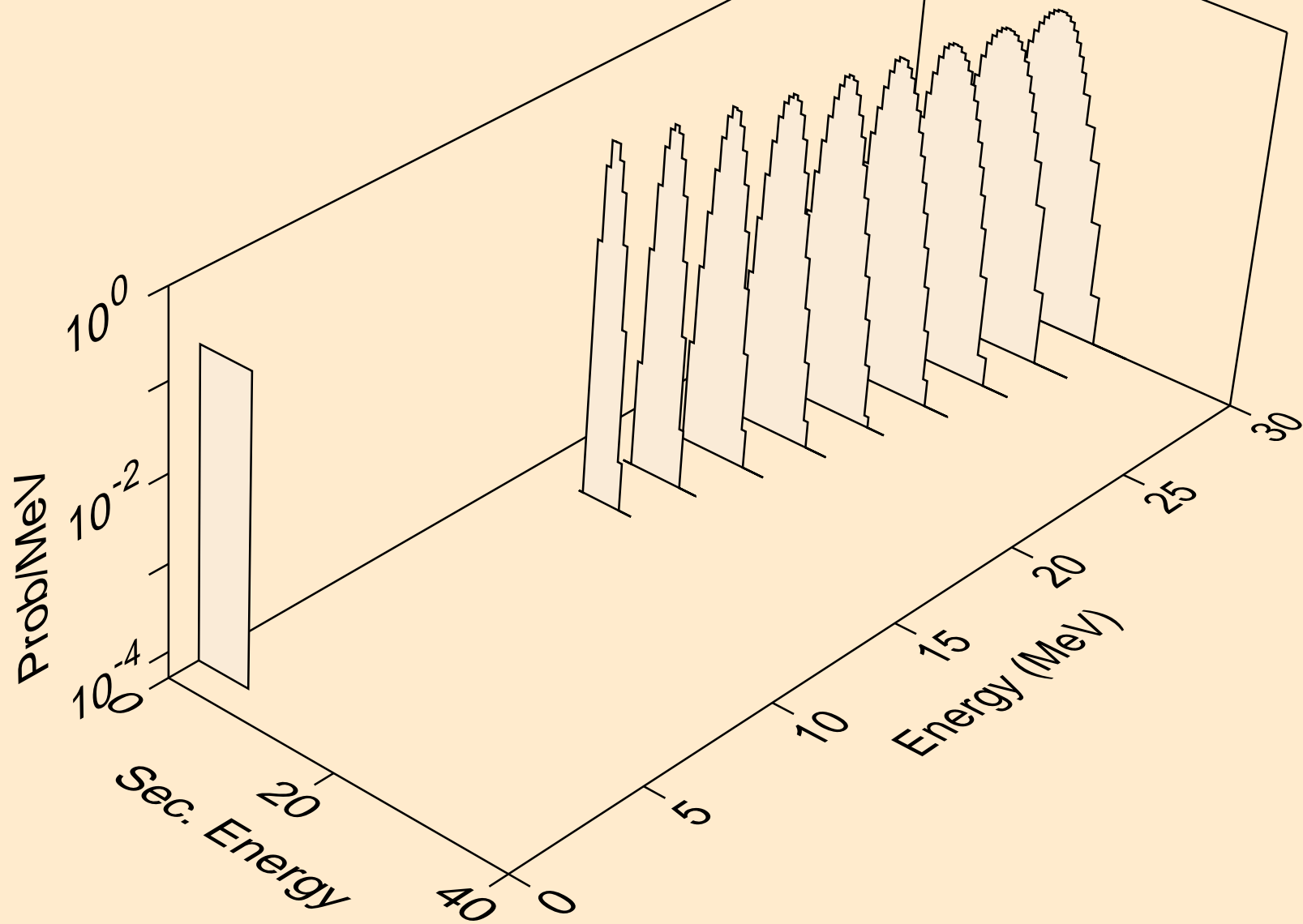
HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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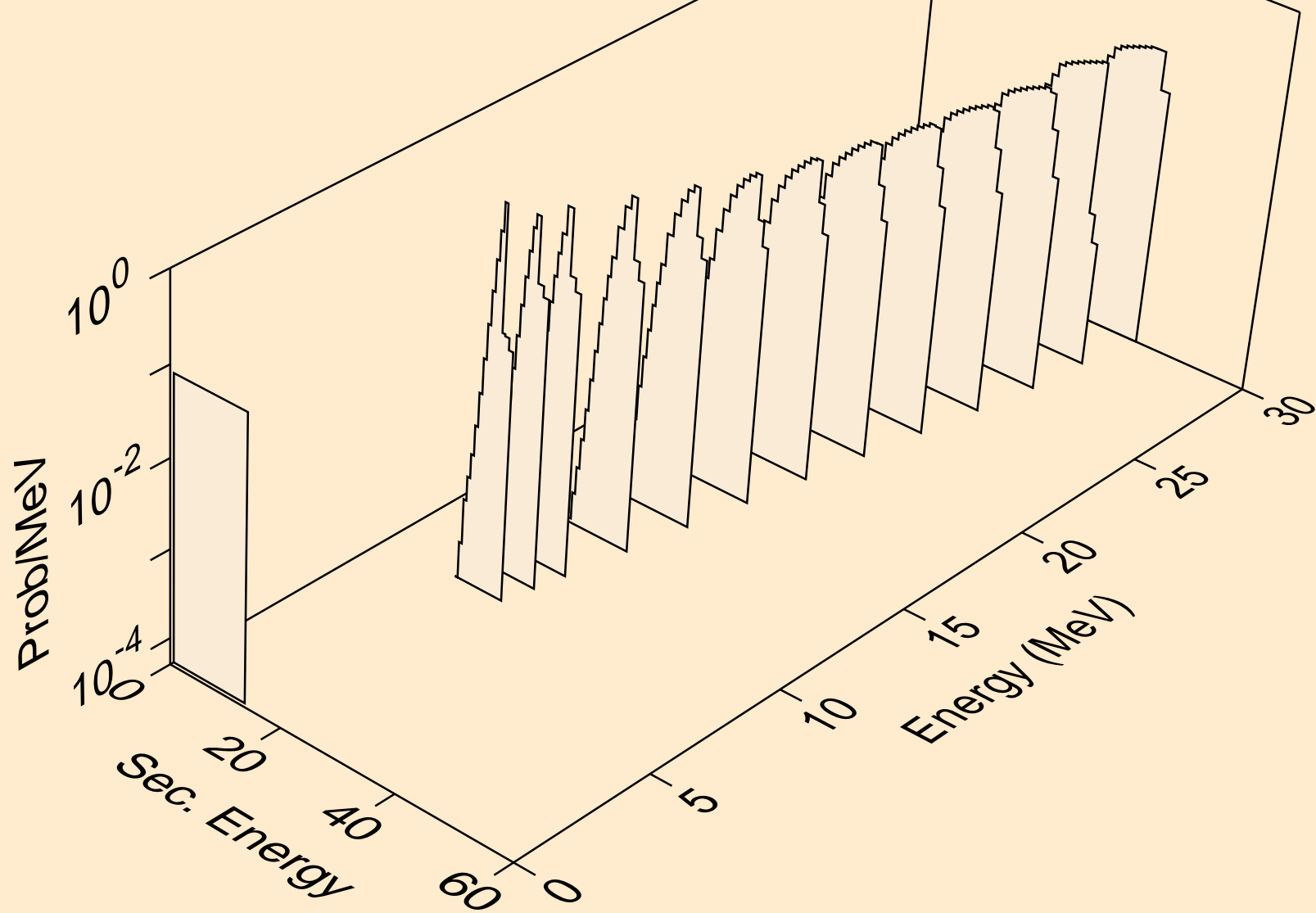
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HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)

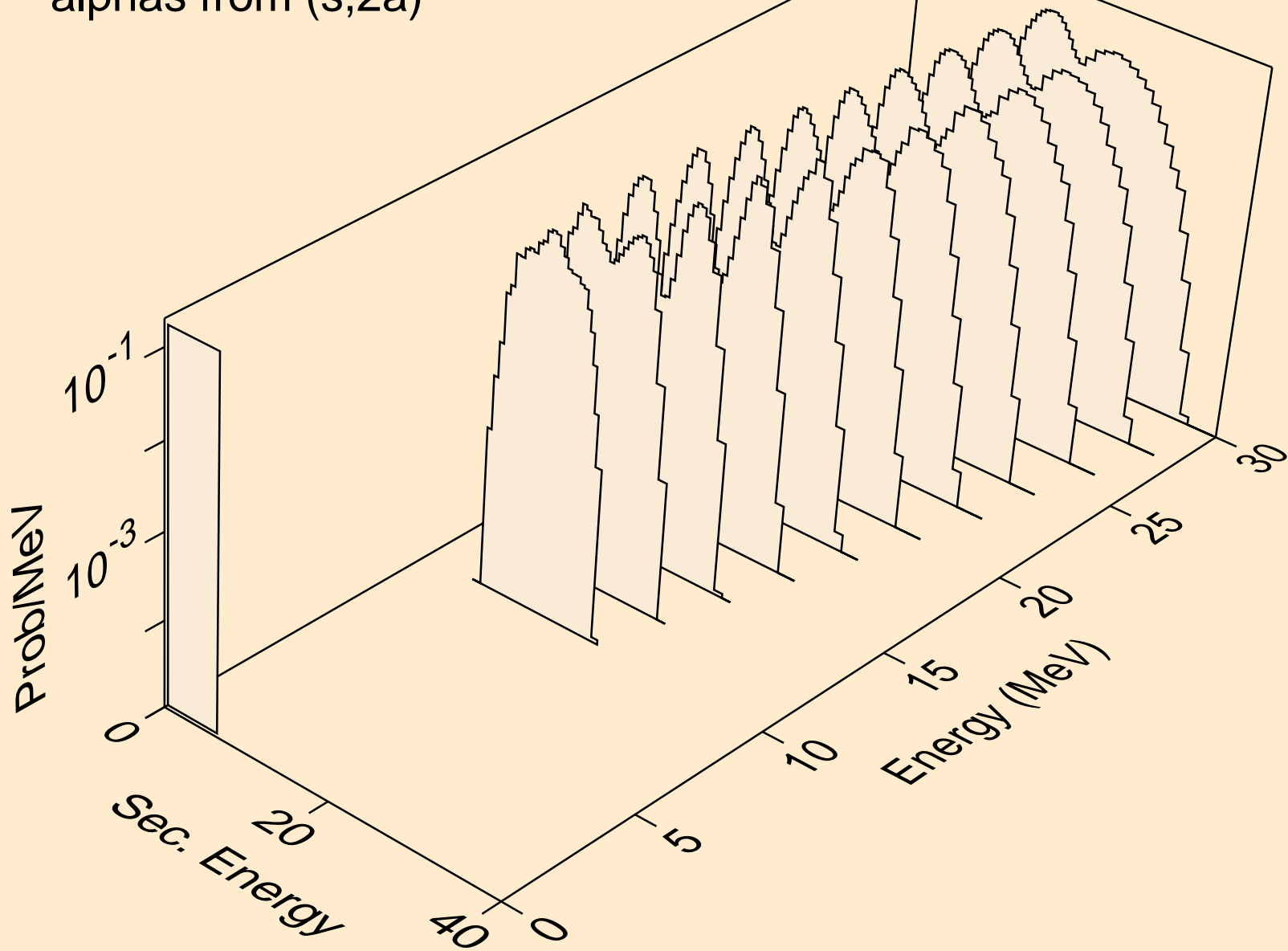


HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

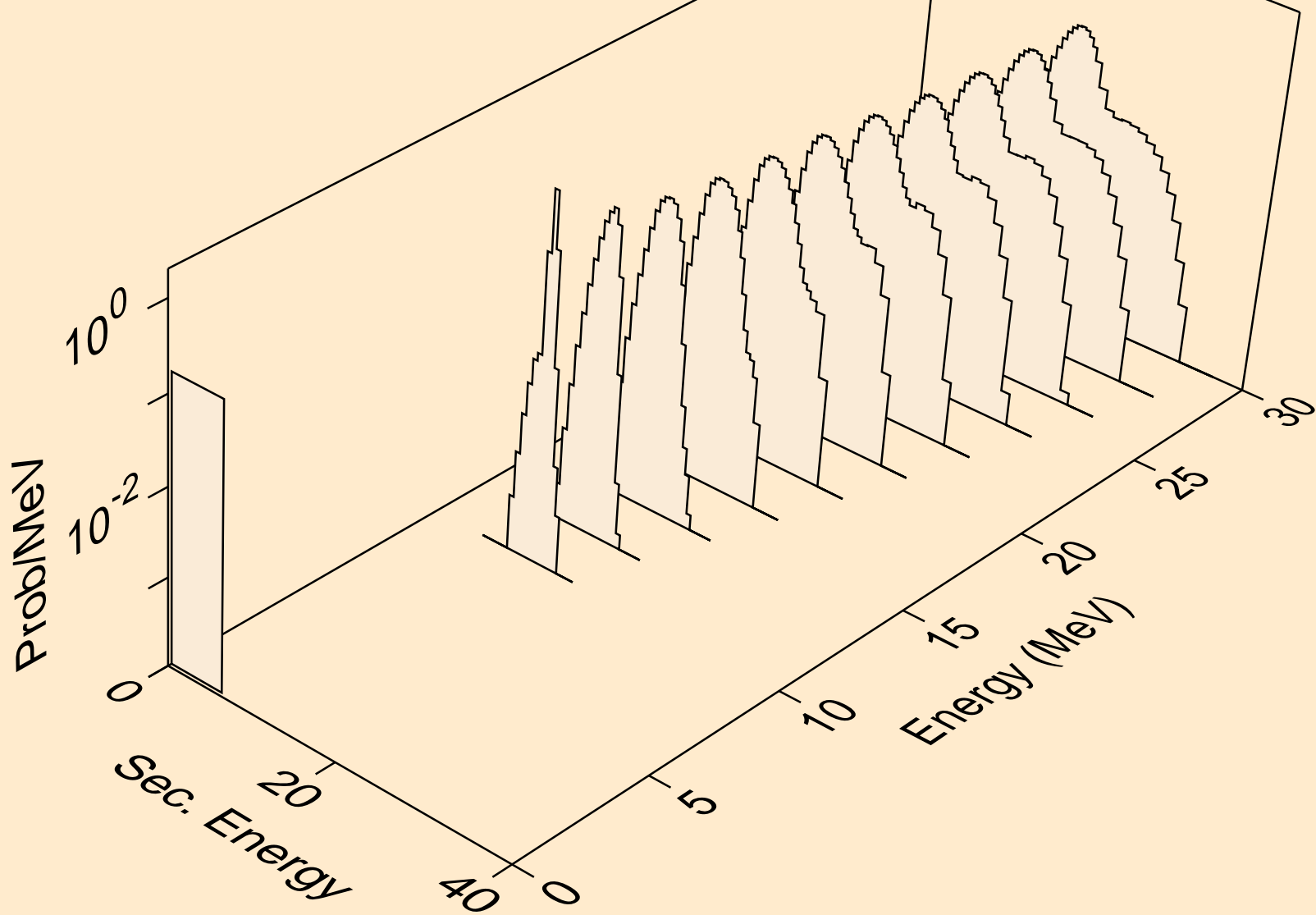




HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



HG191 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

