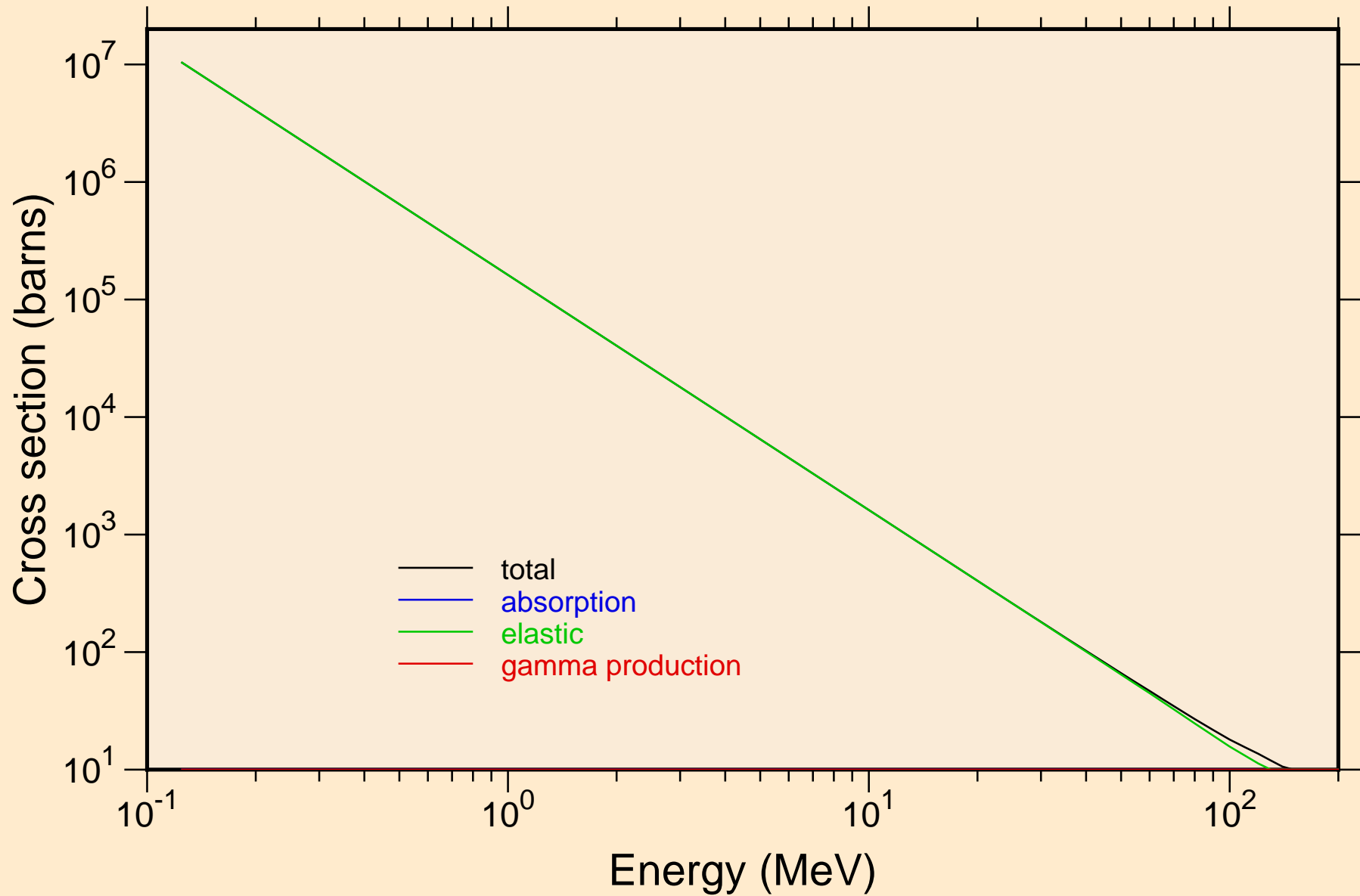


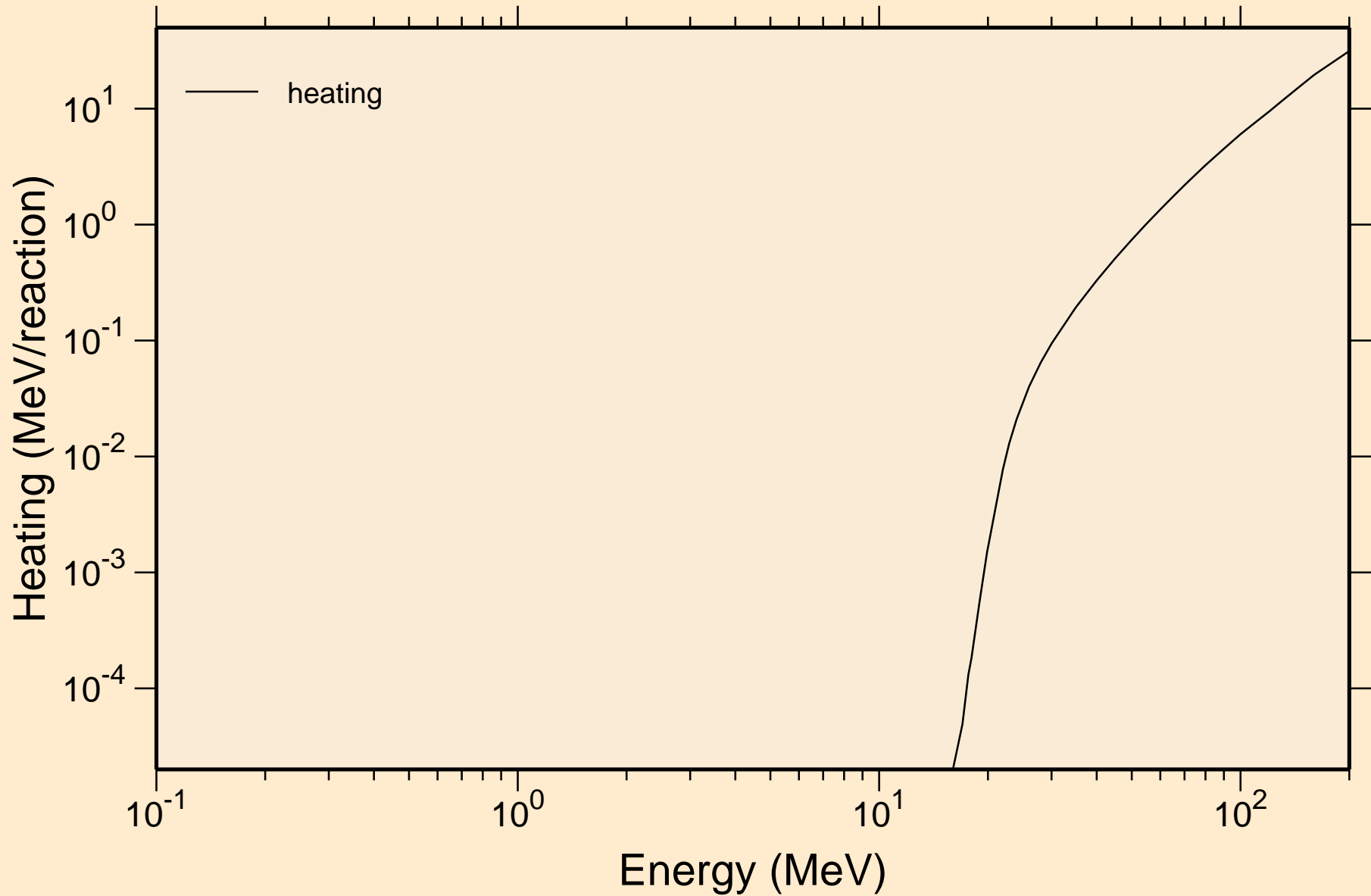
# HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



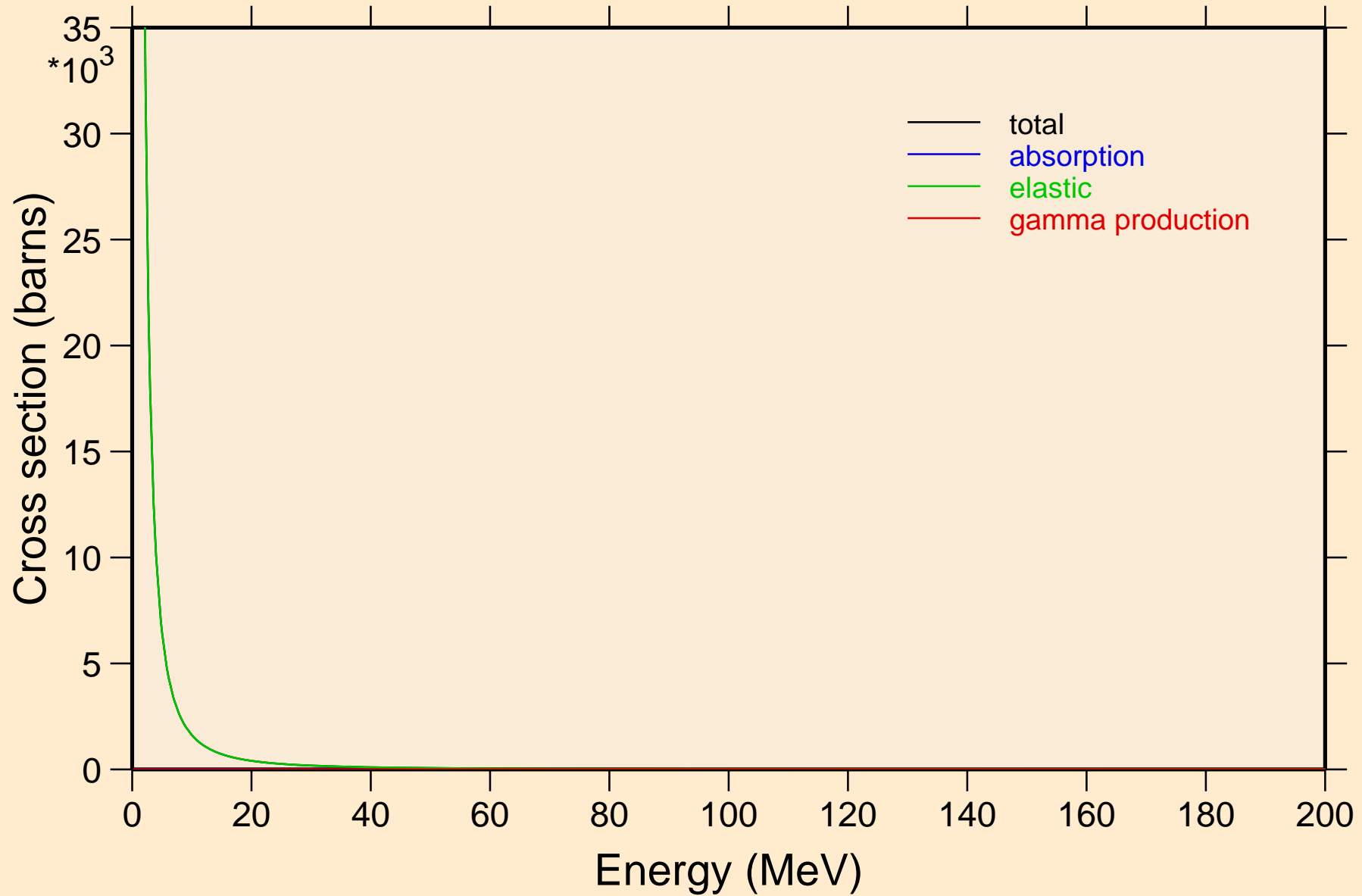
# HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating



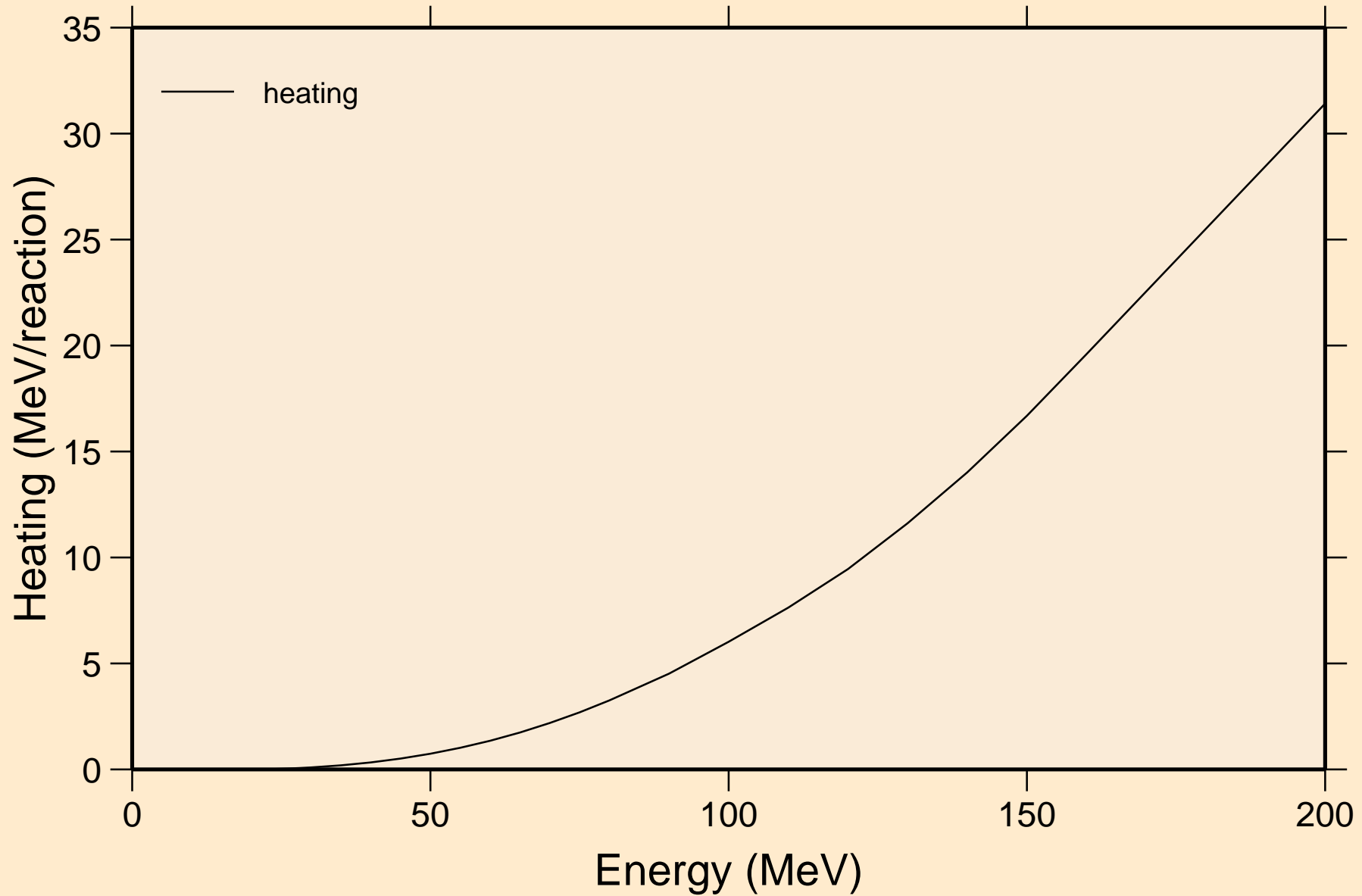
# HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

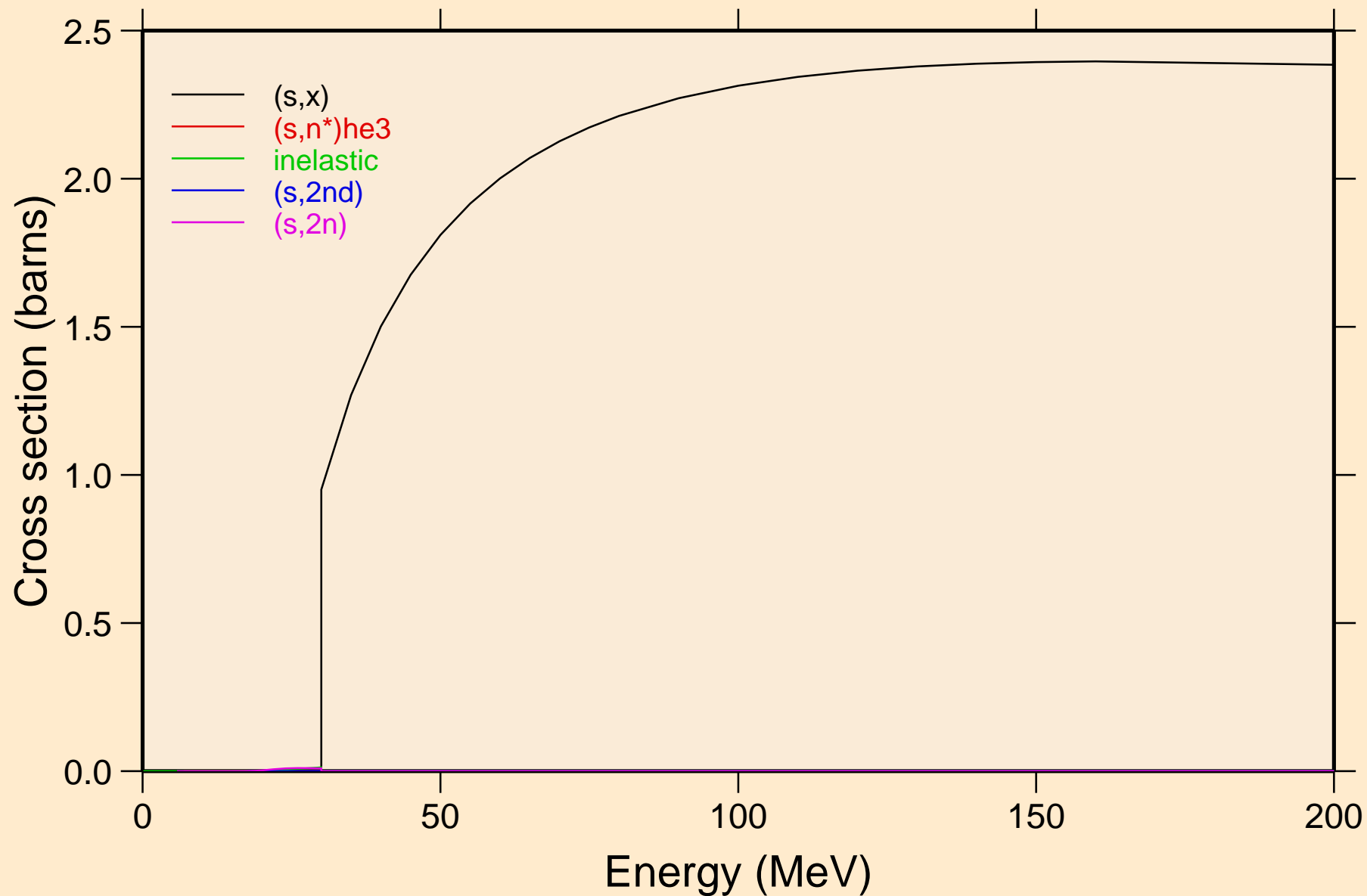


# HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Heating

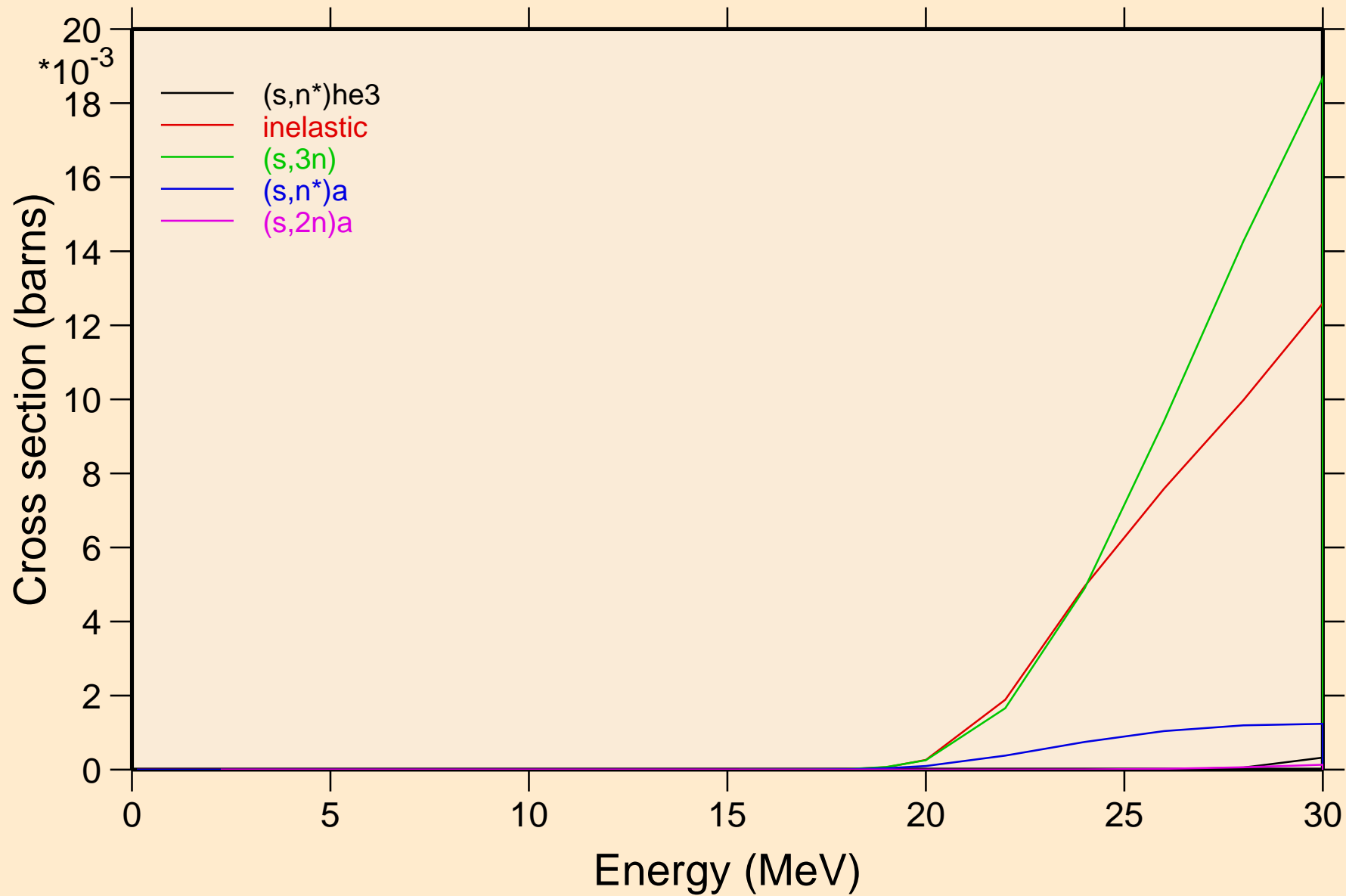


HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

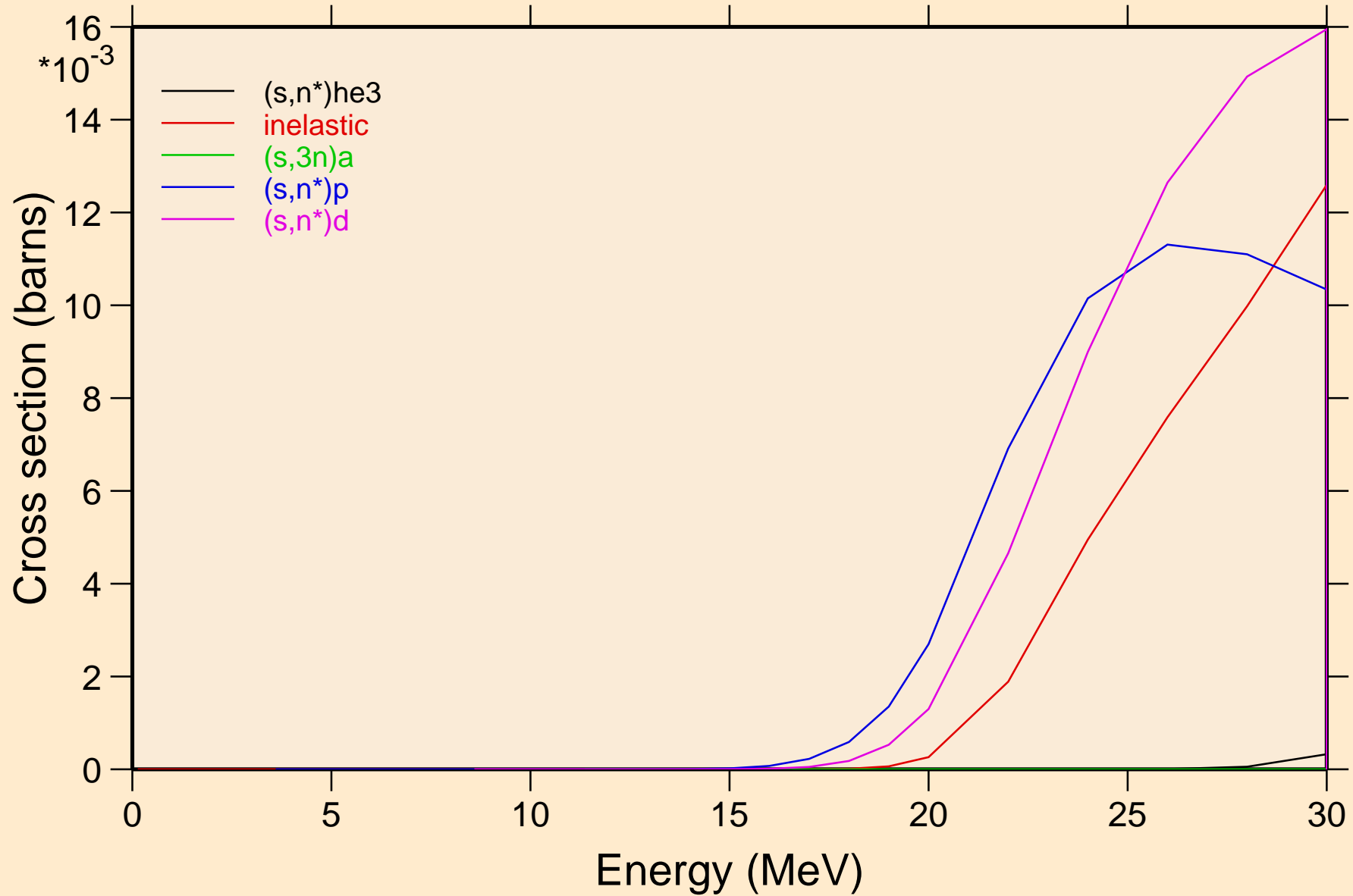


# HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

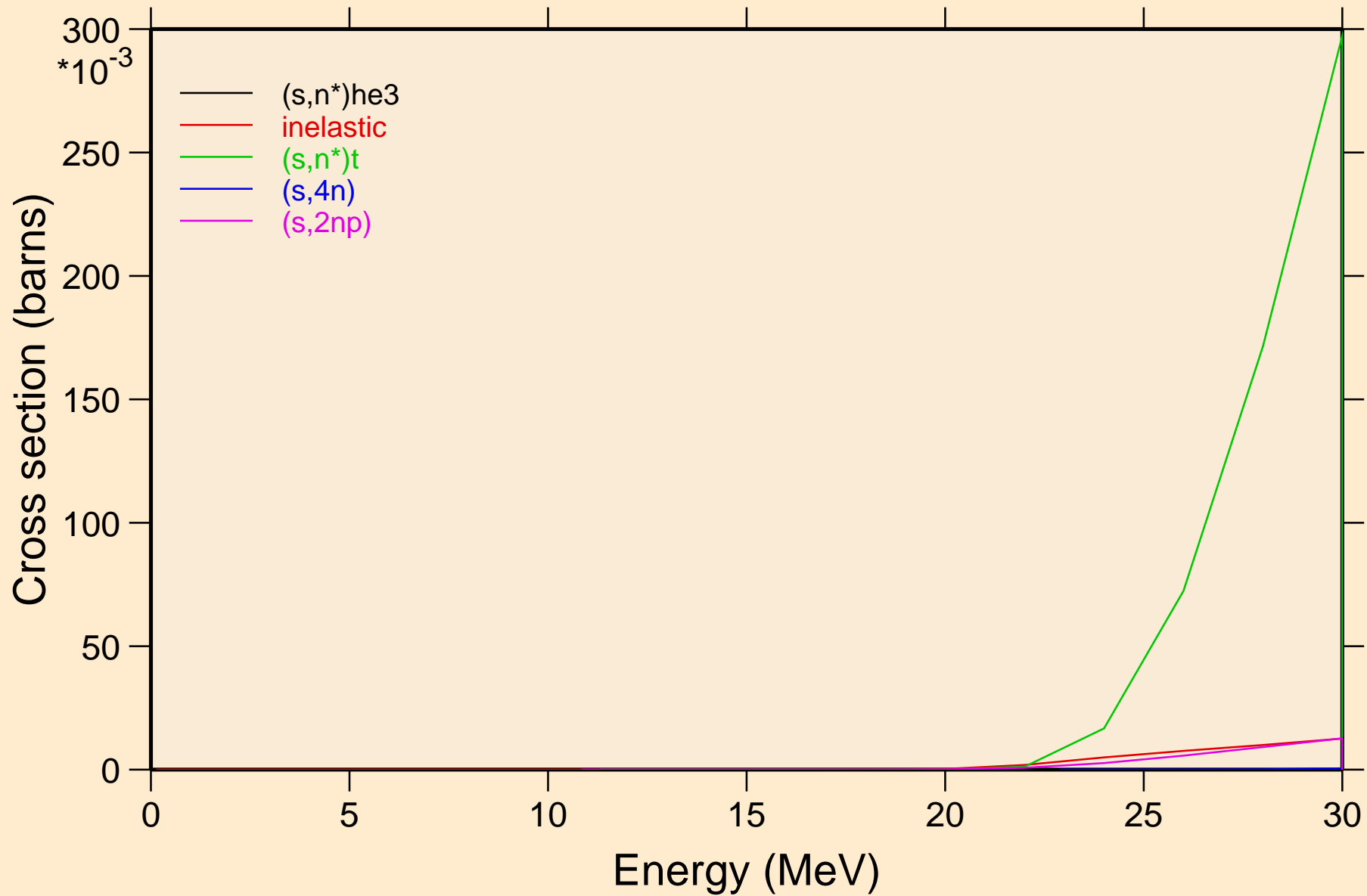


HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



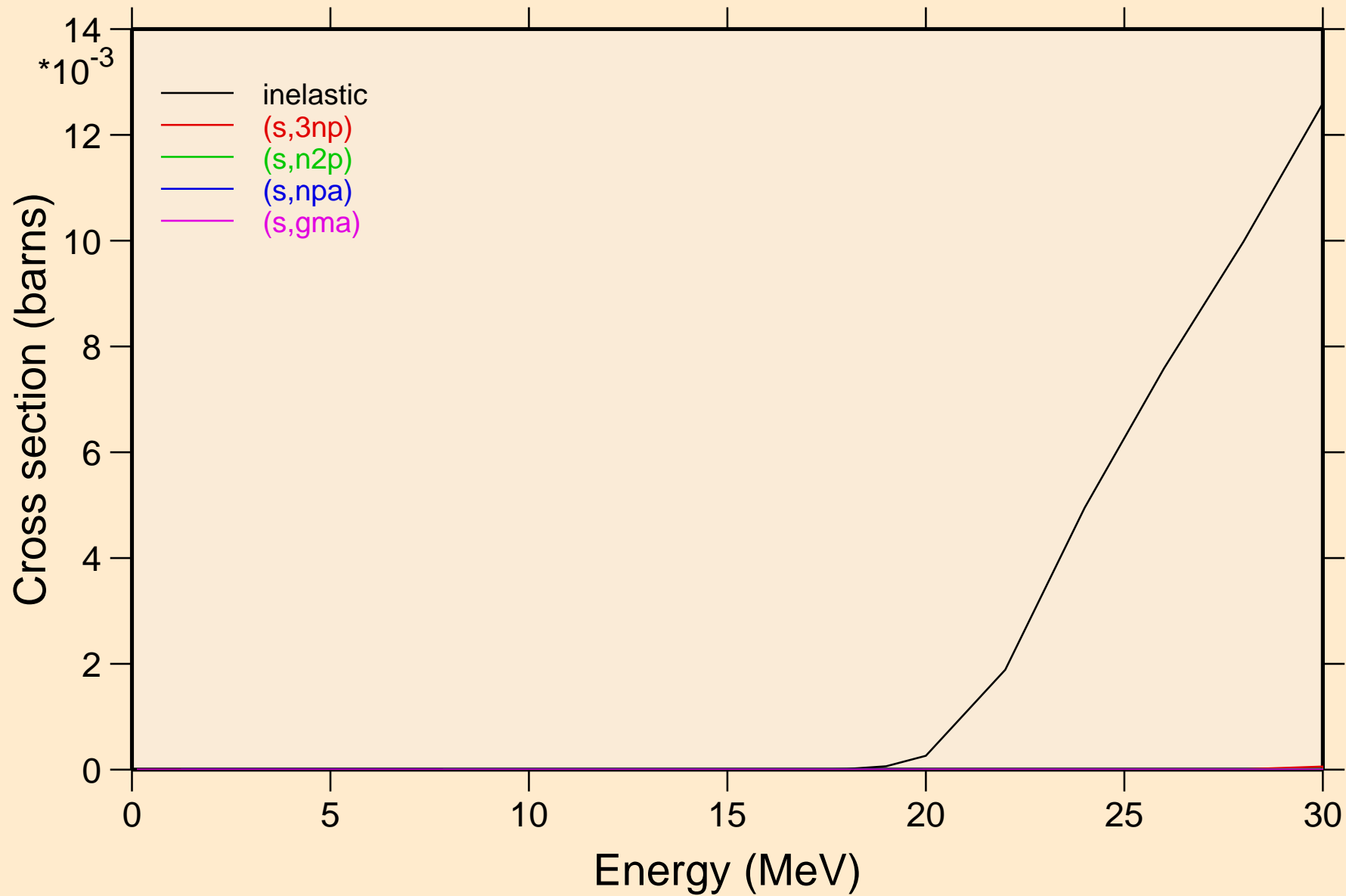
# HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



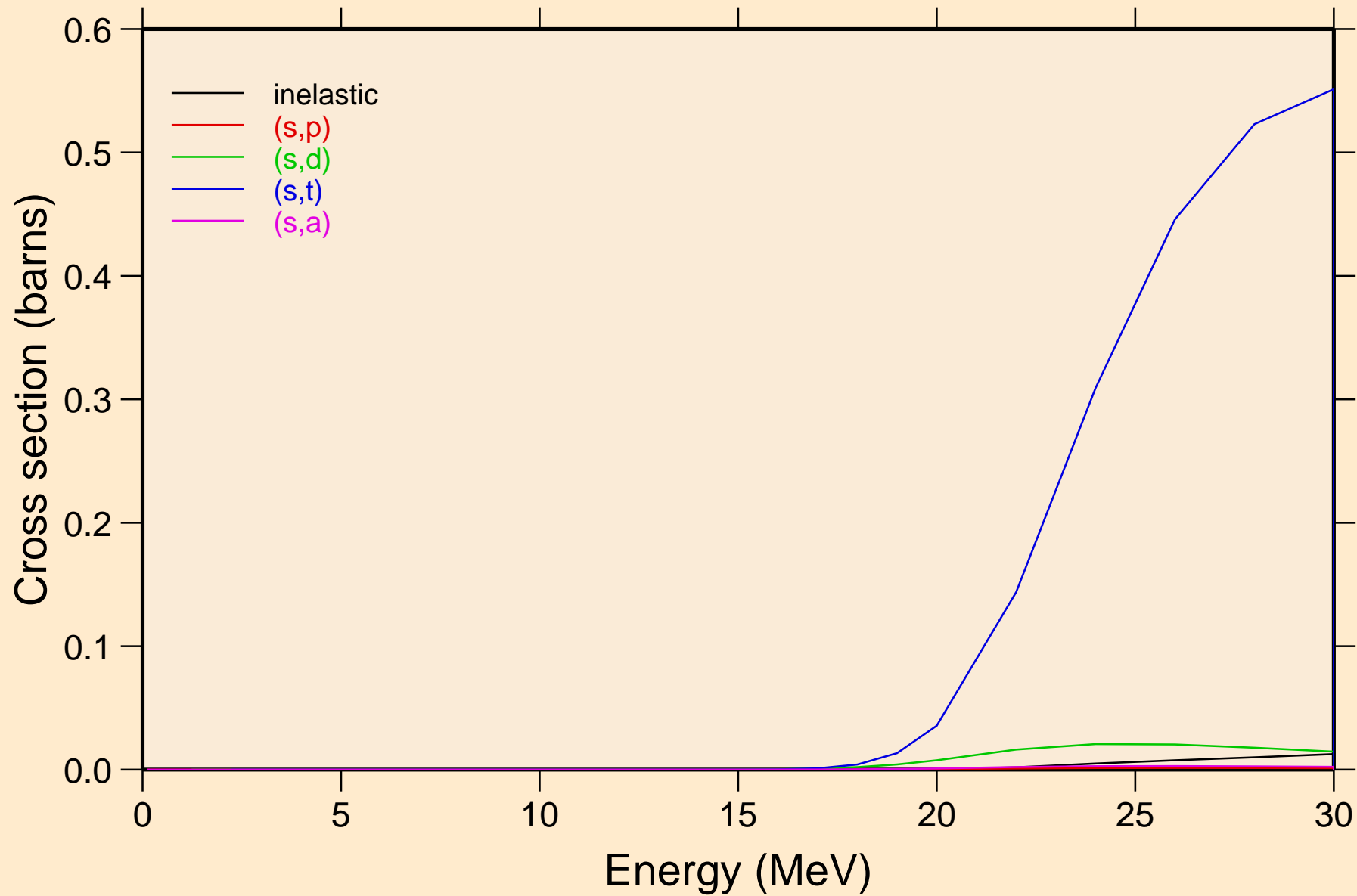


HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



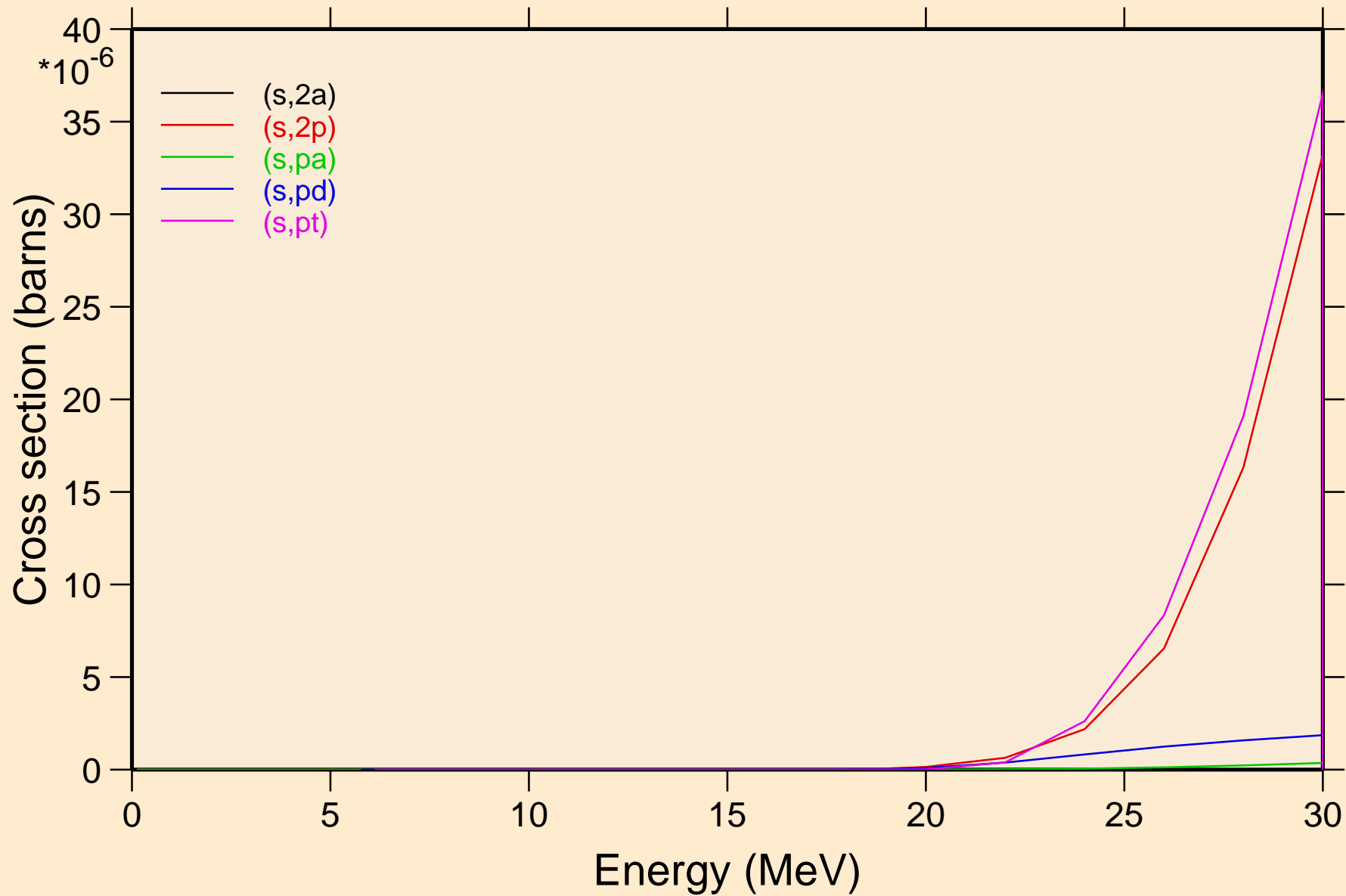
# HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

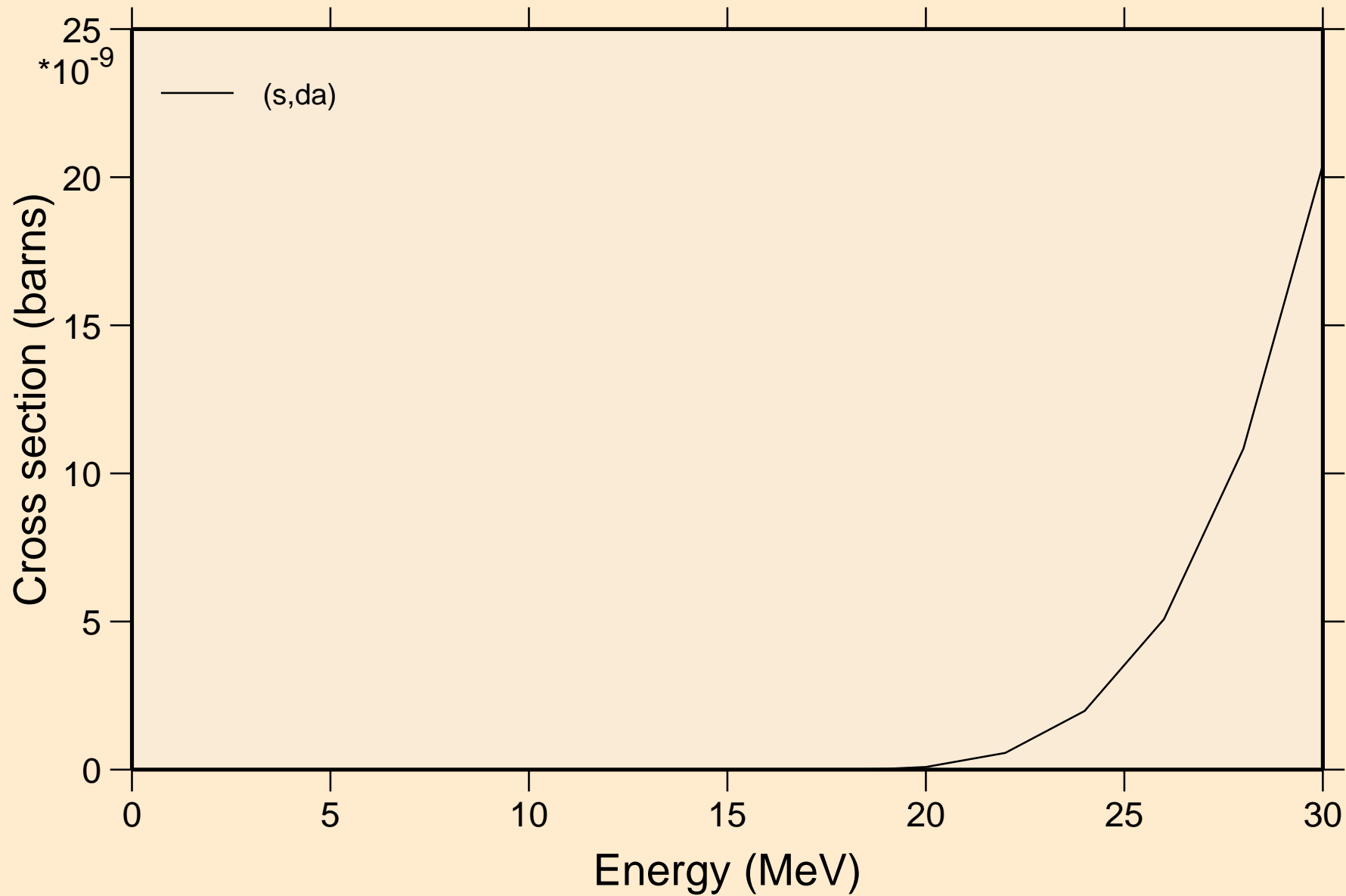


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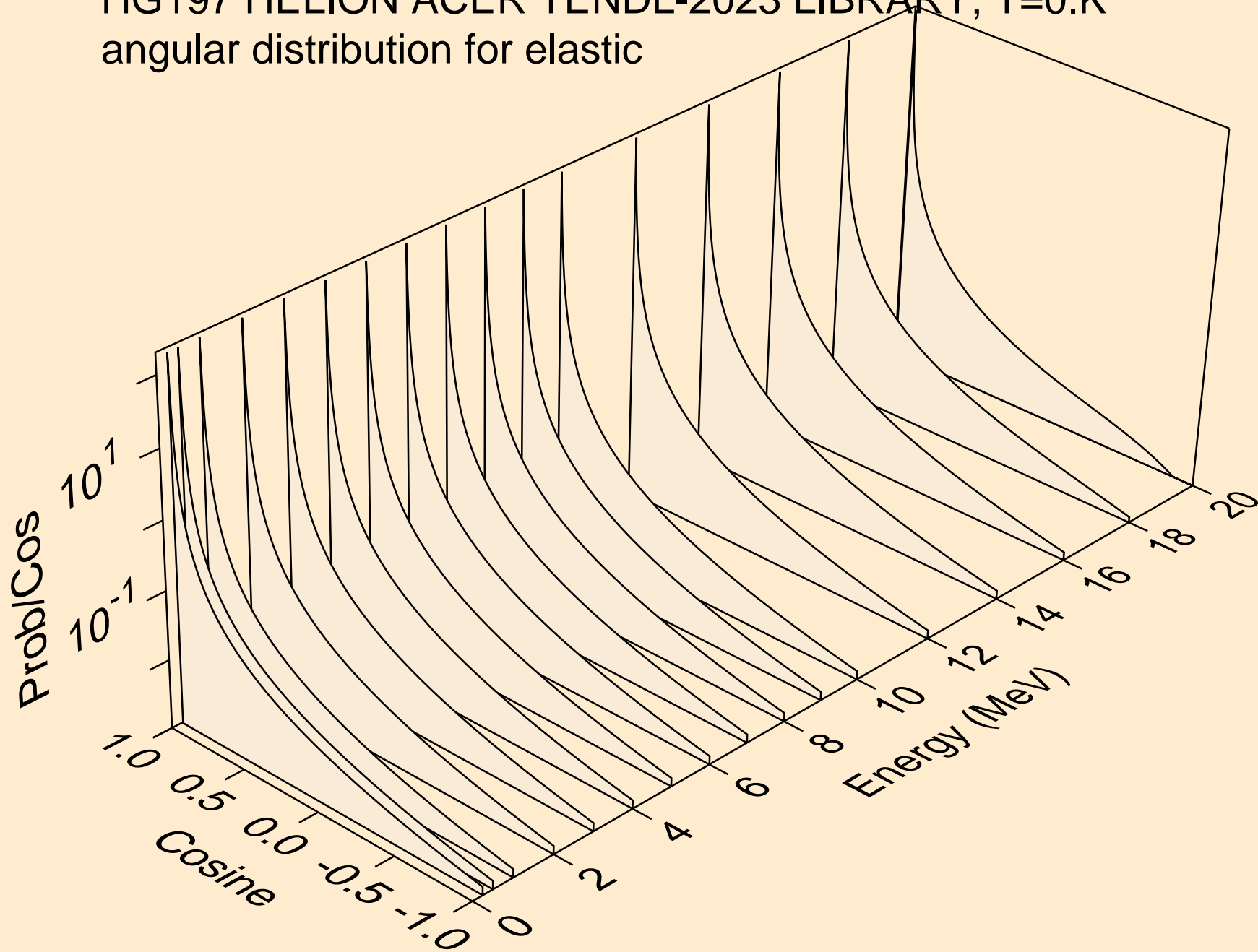
## Threshold reactions



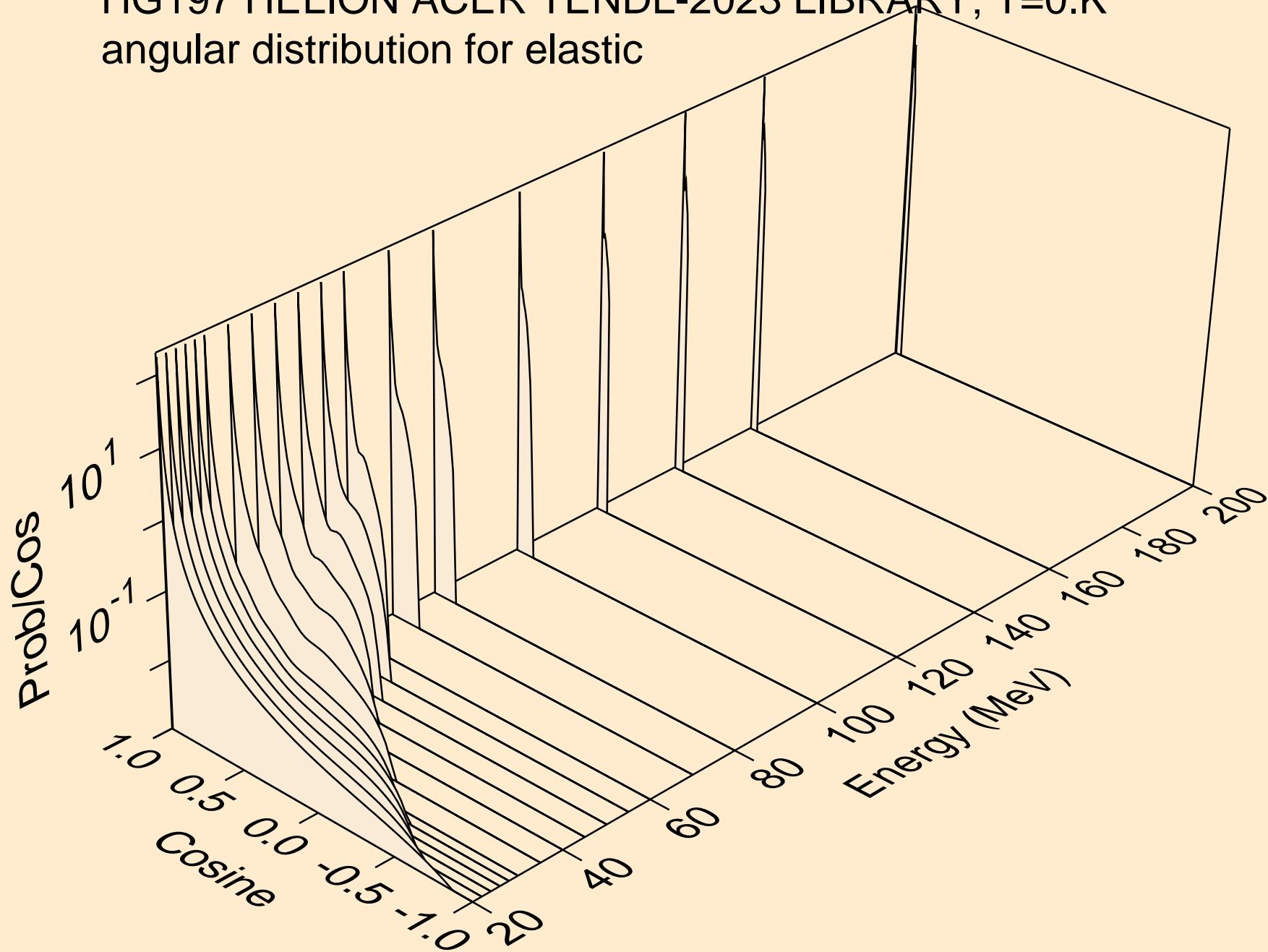
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



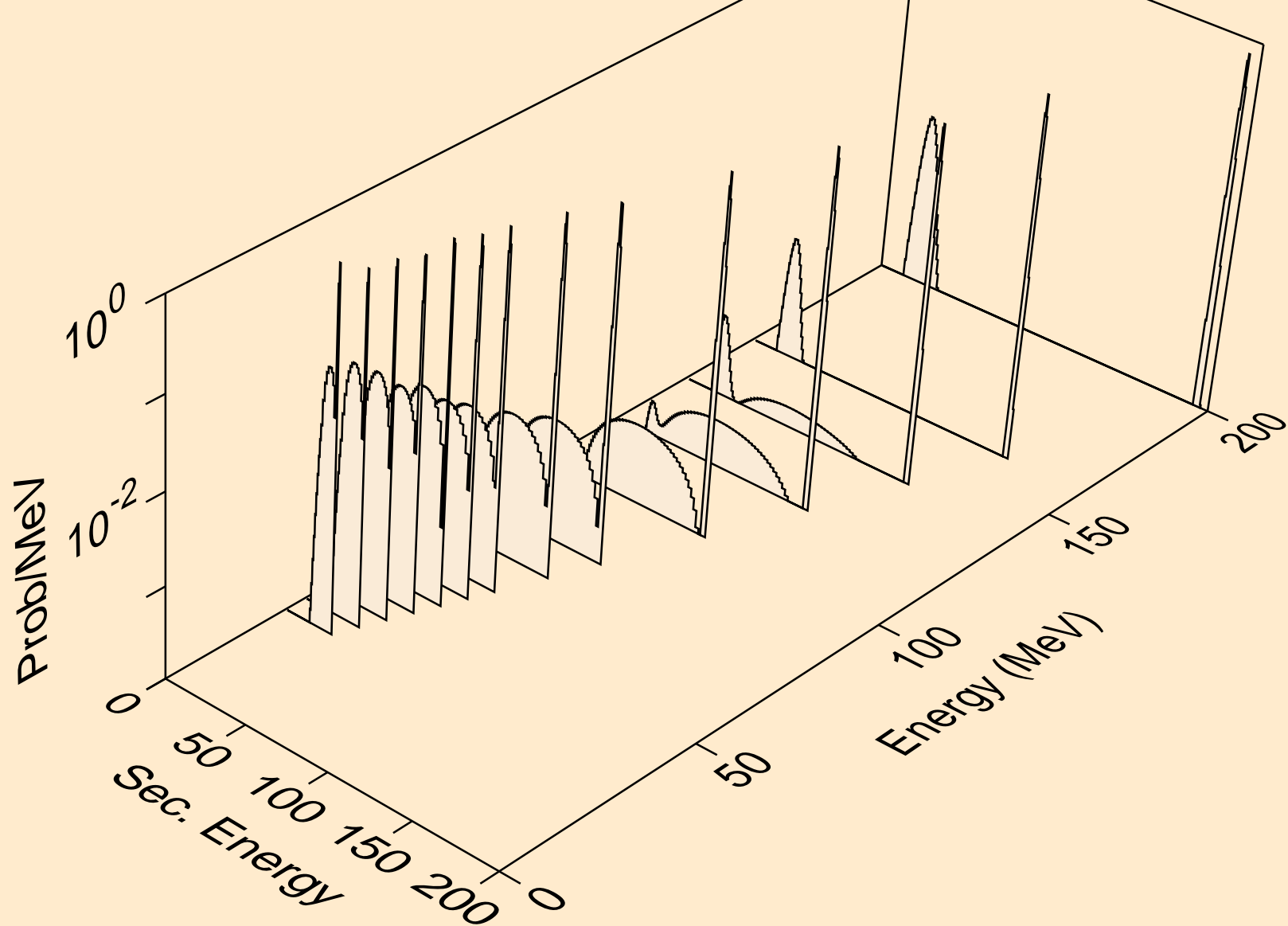
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



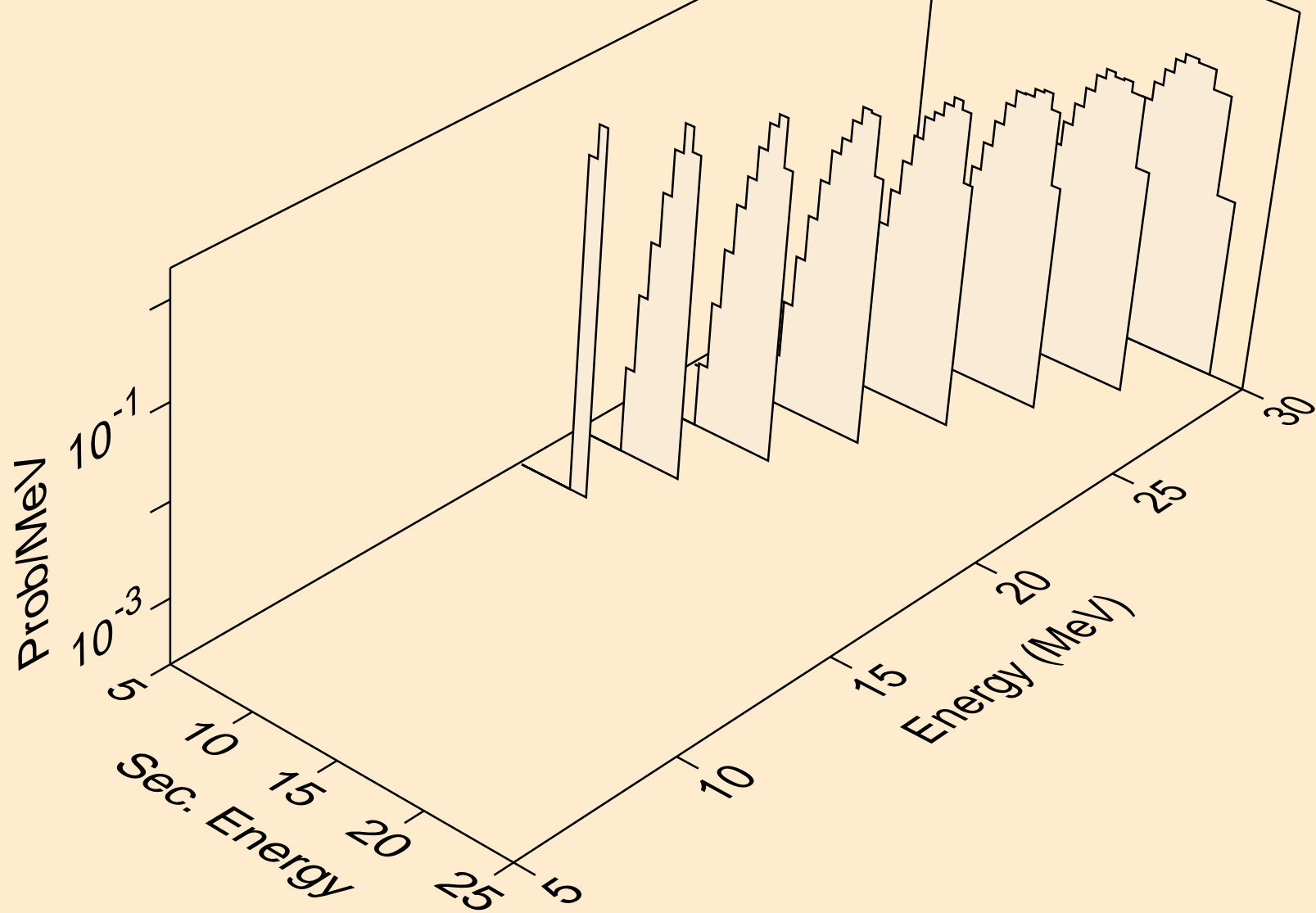
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,x)

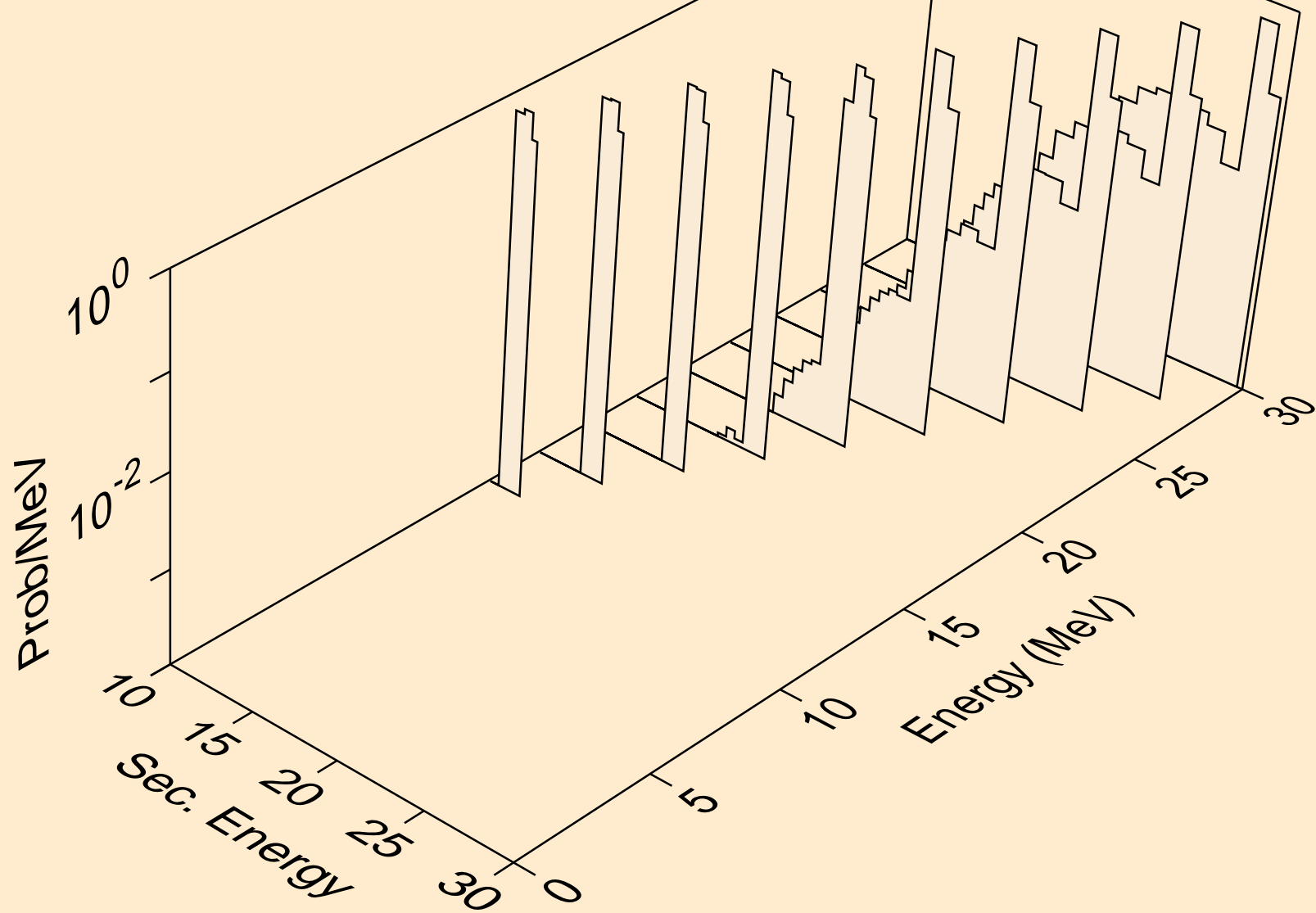


HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

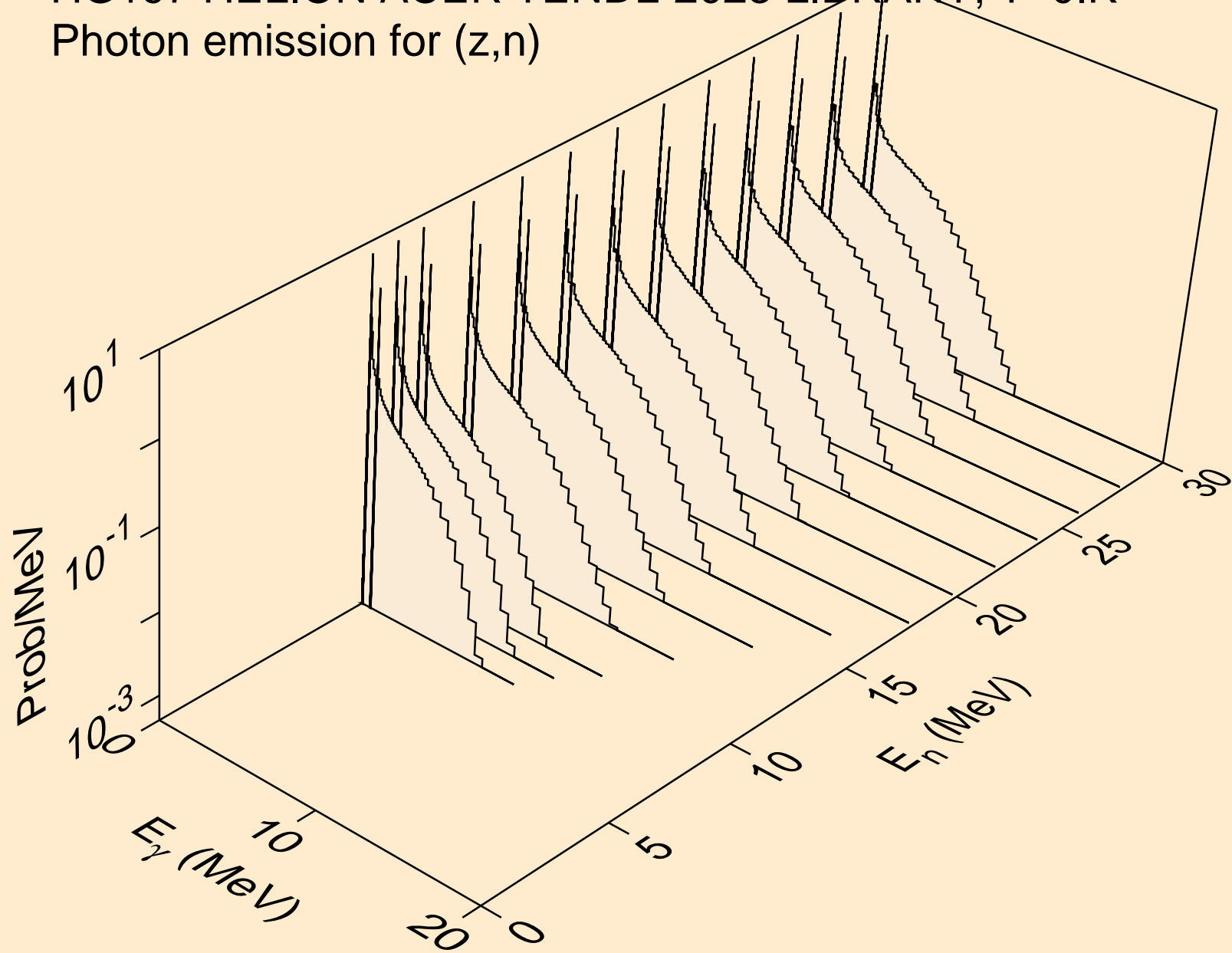




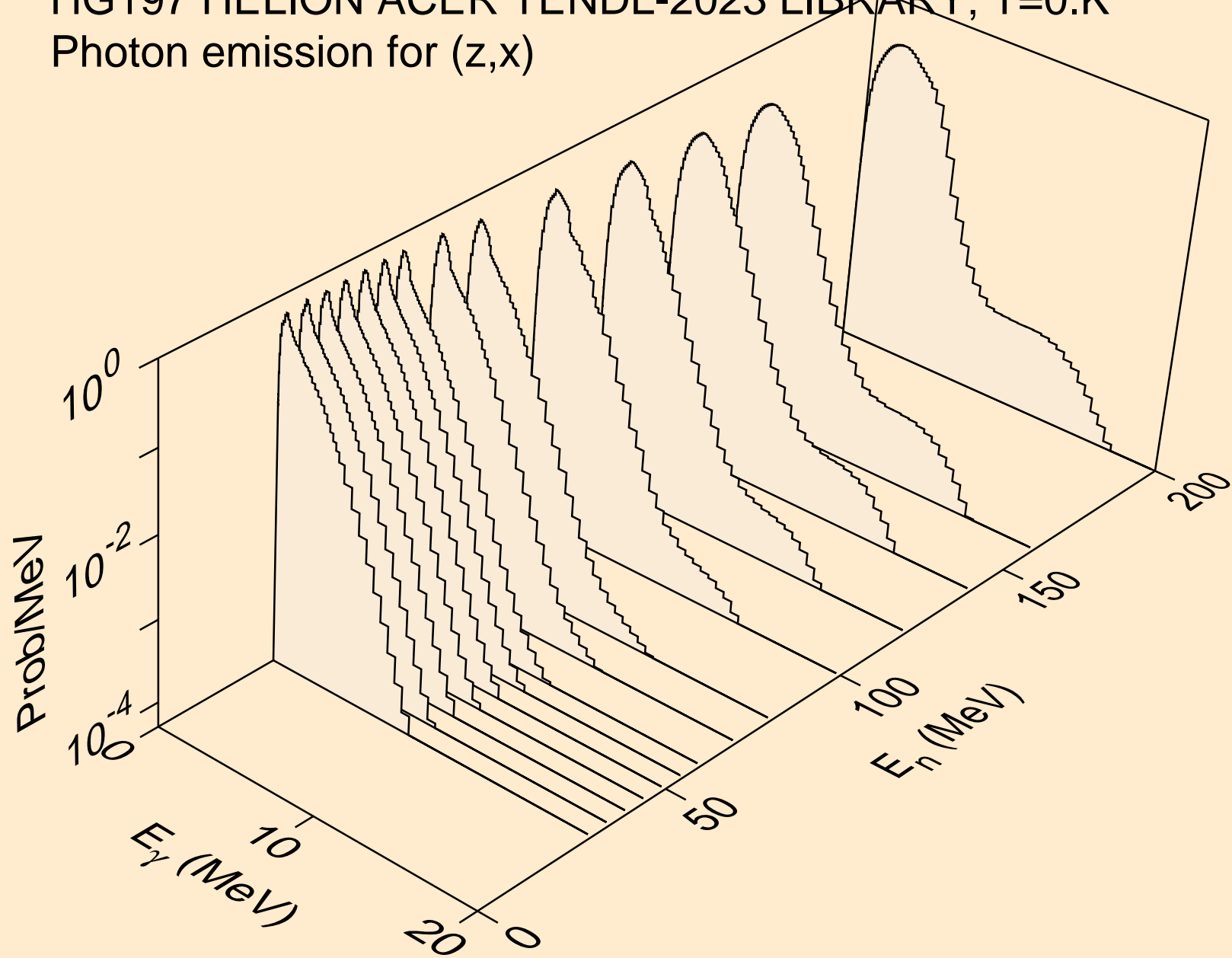
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
He-3 emission for inelastic



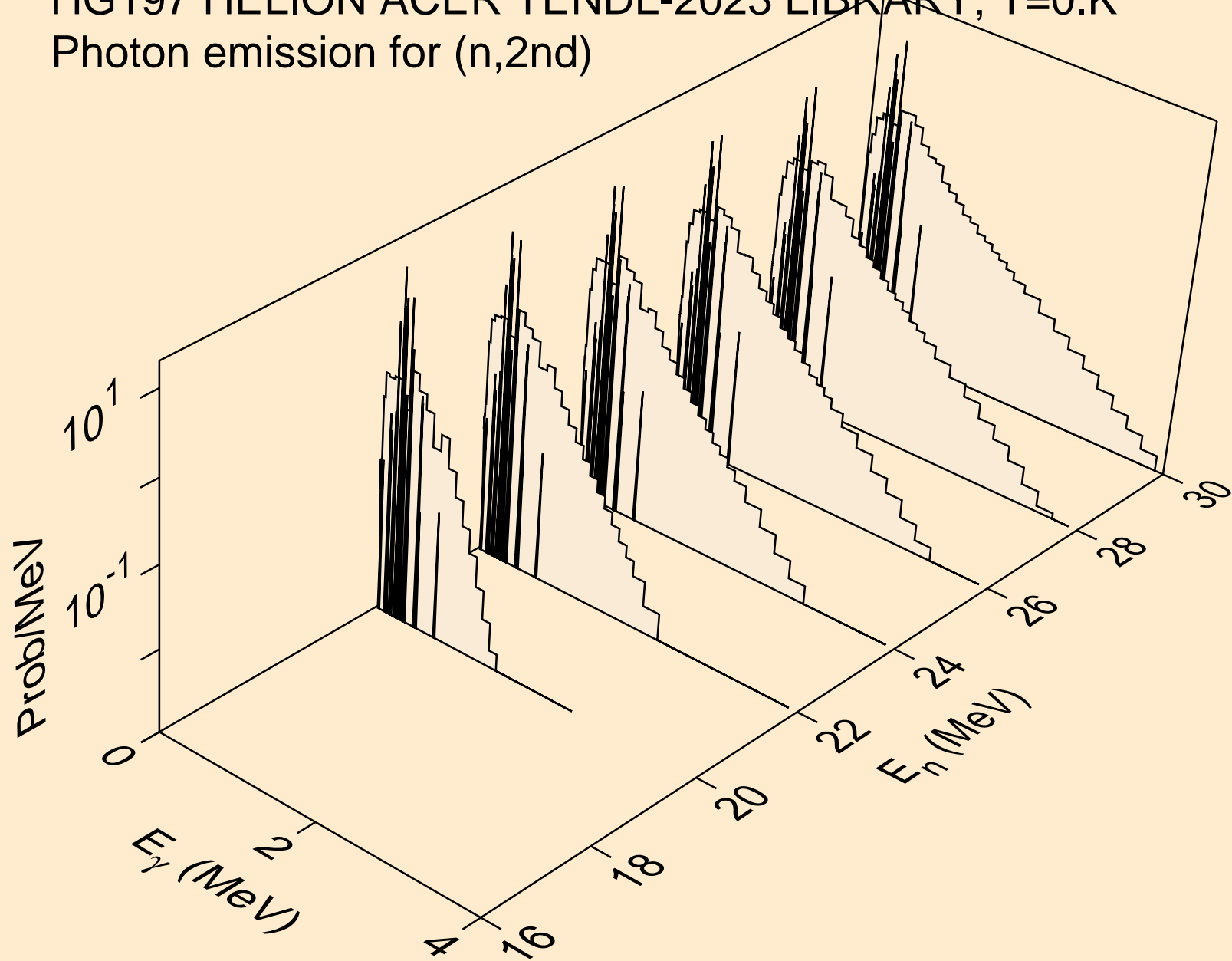
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



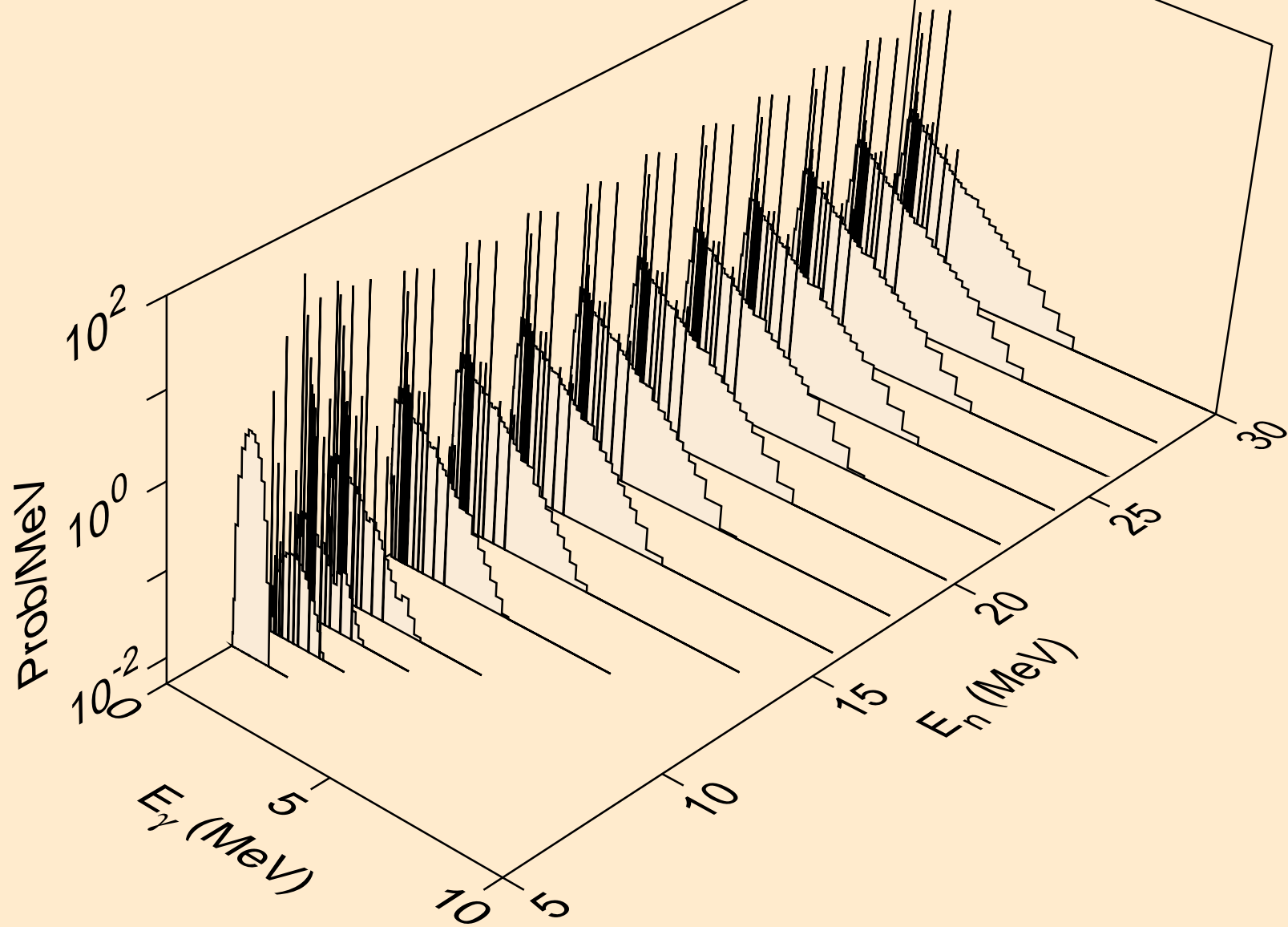
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



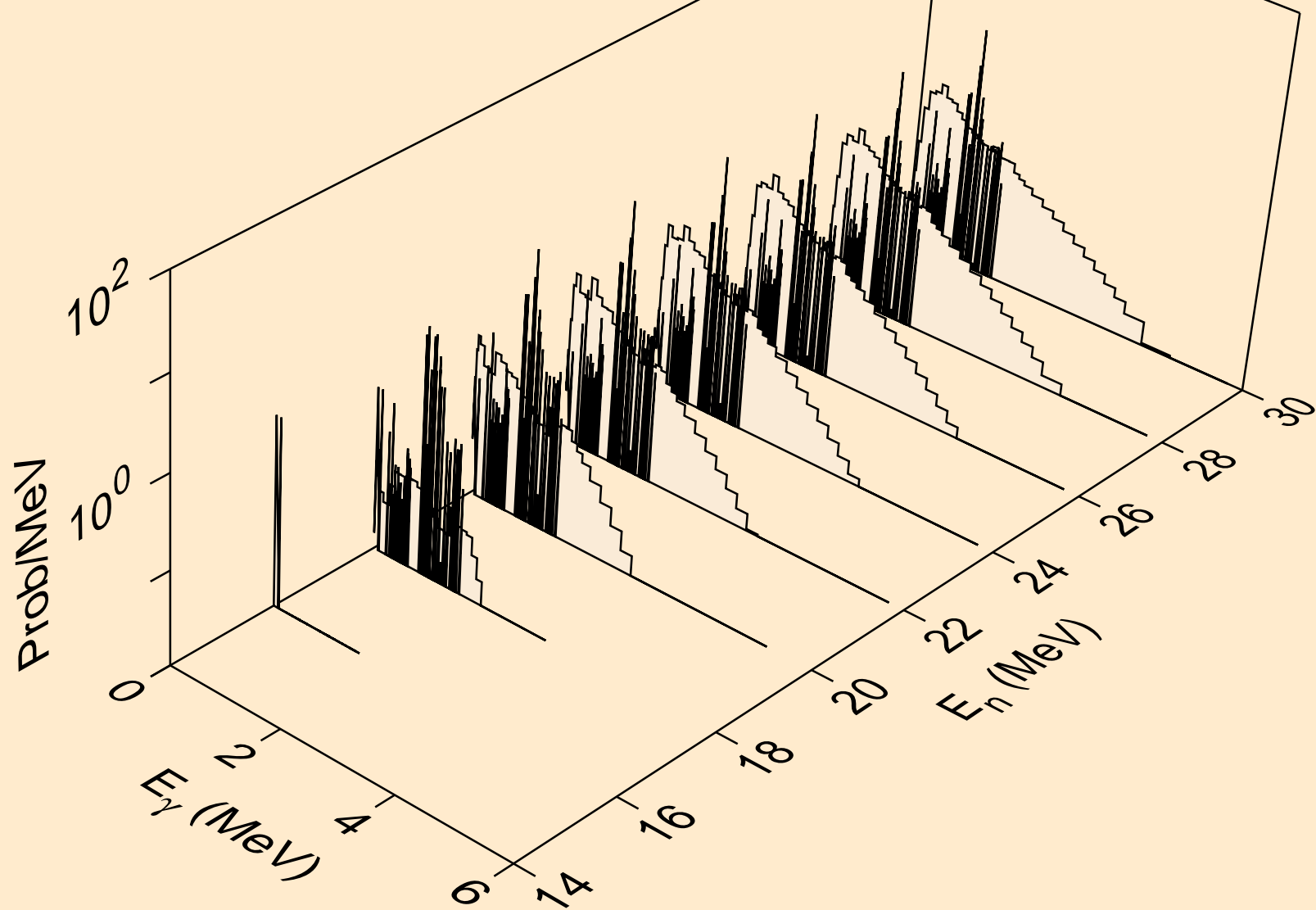
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



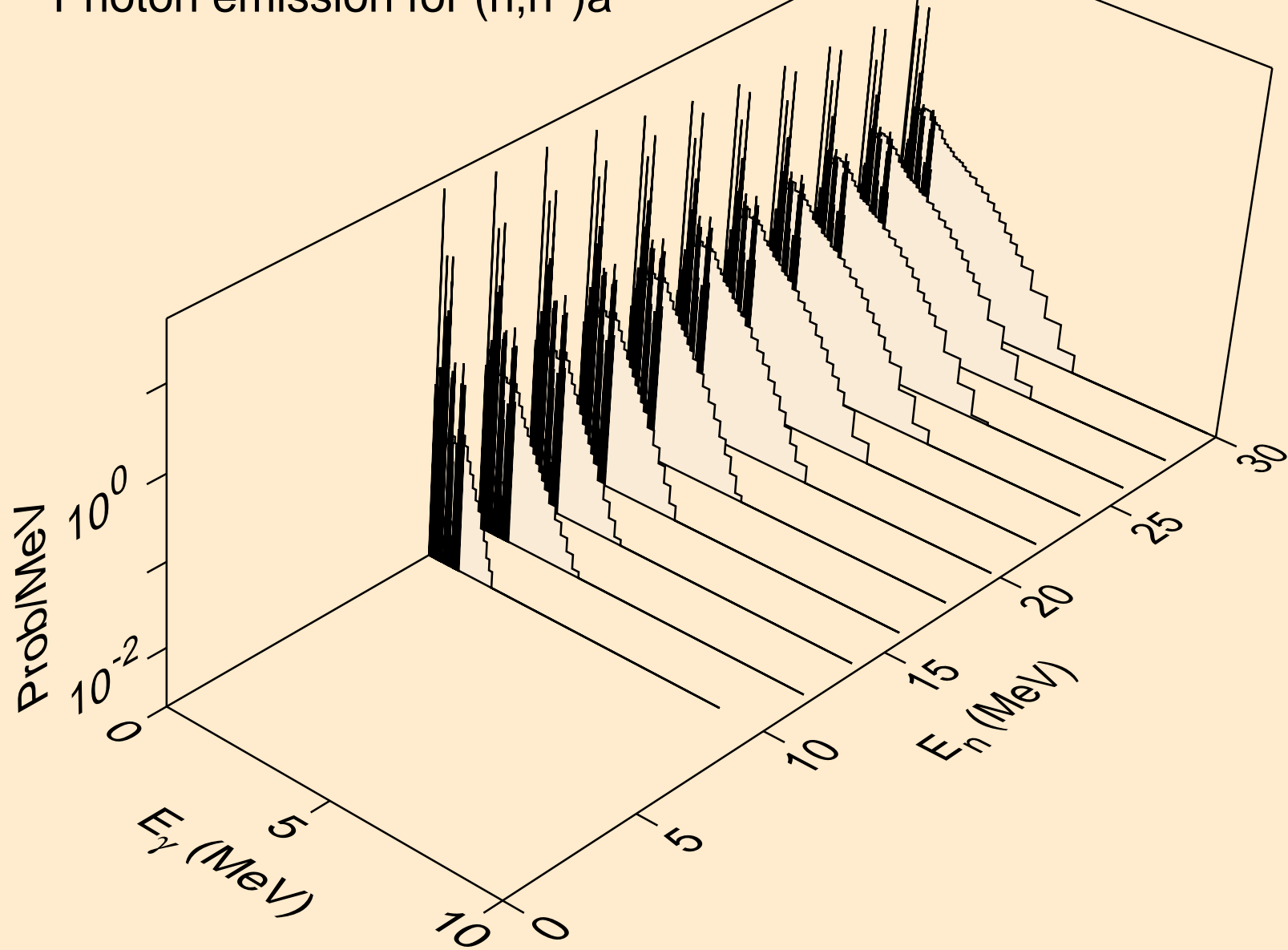
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



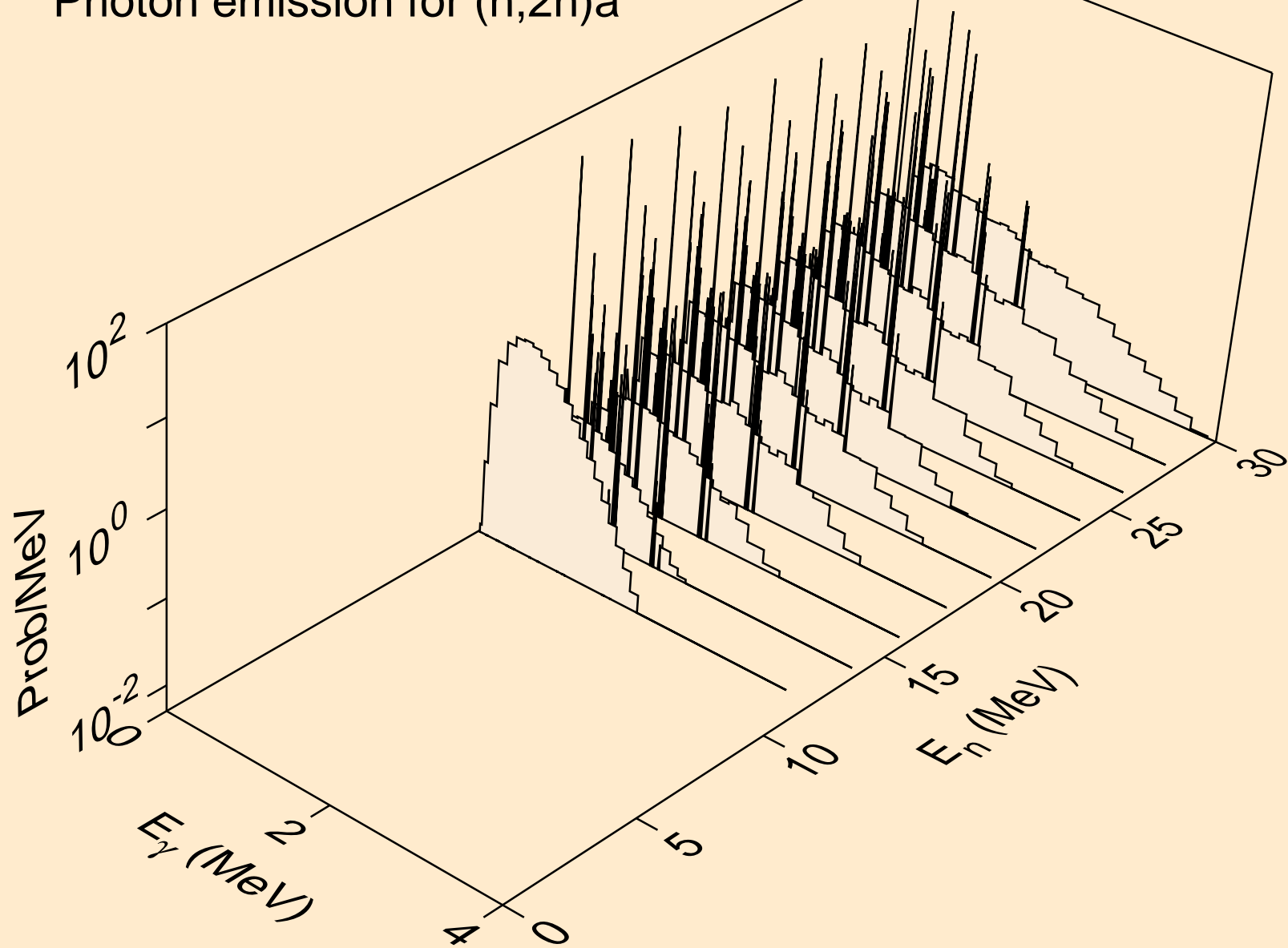
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

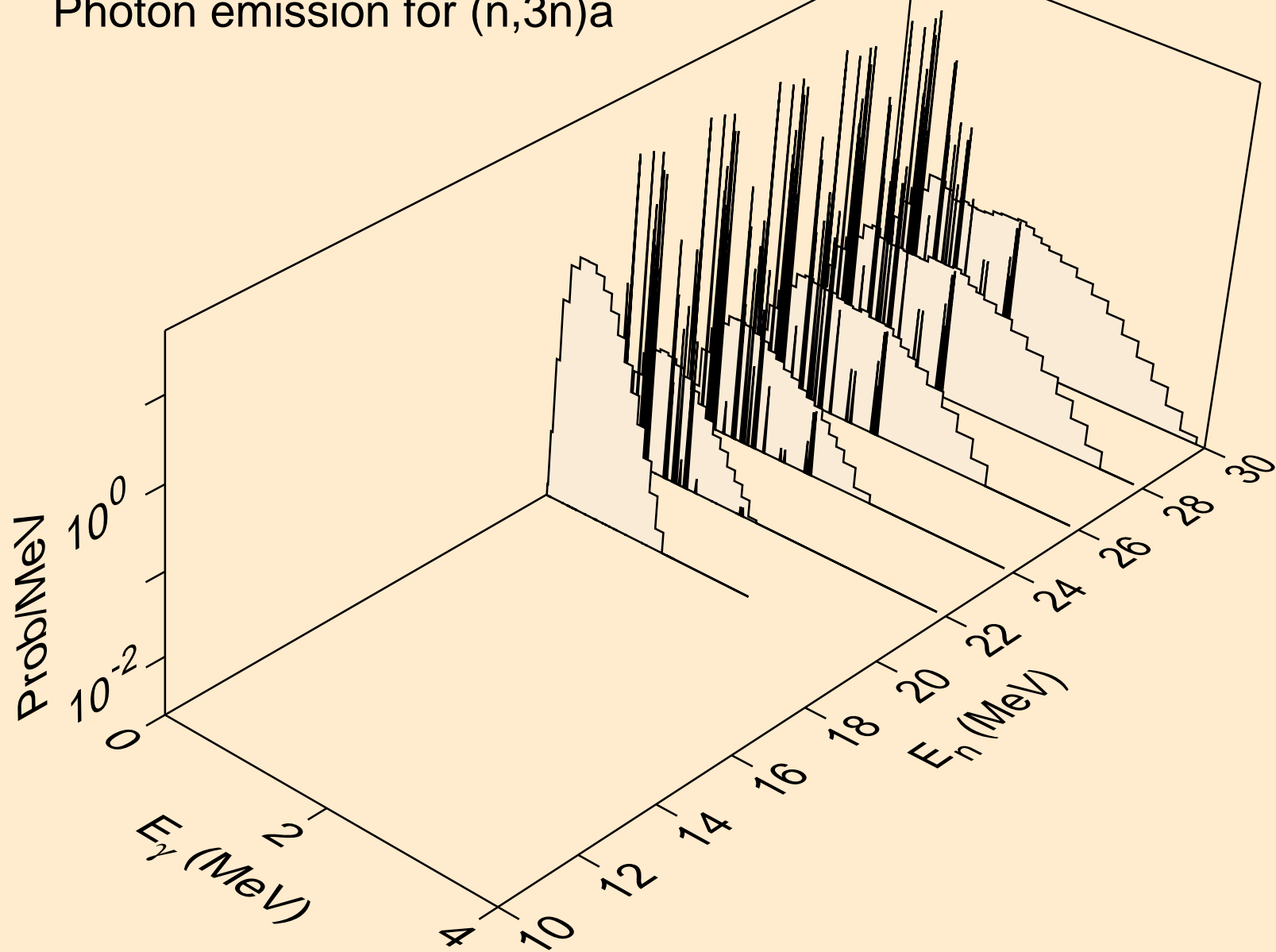


HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

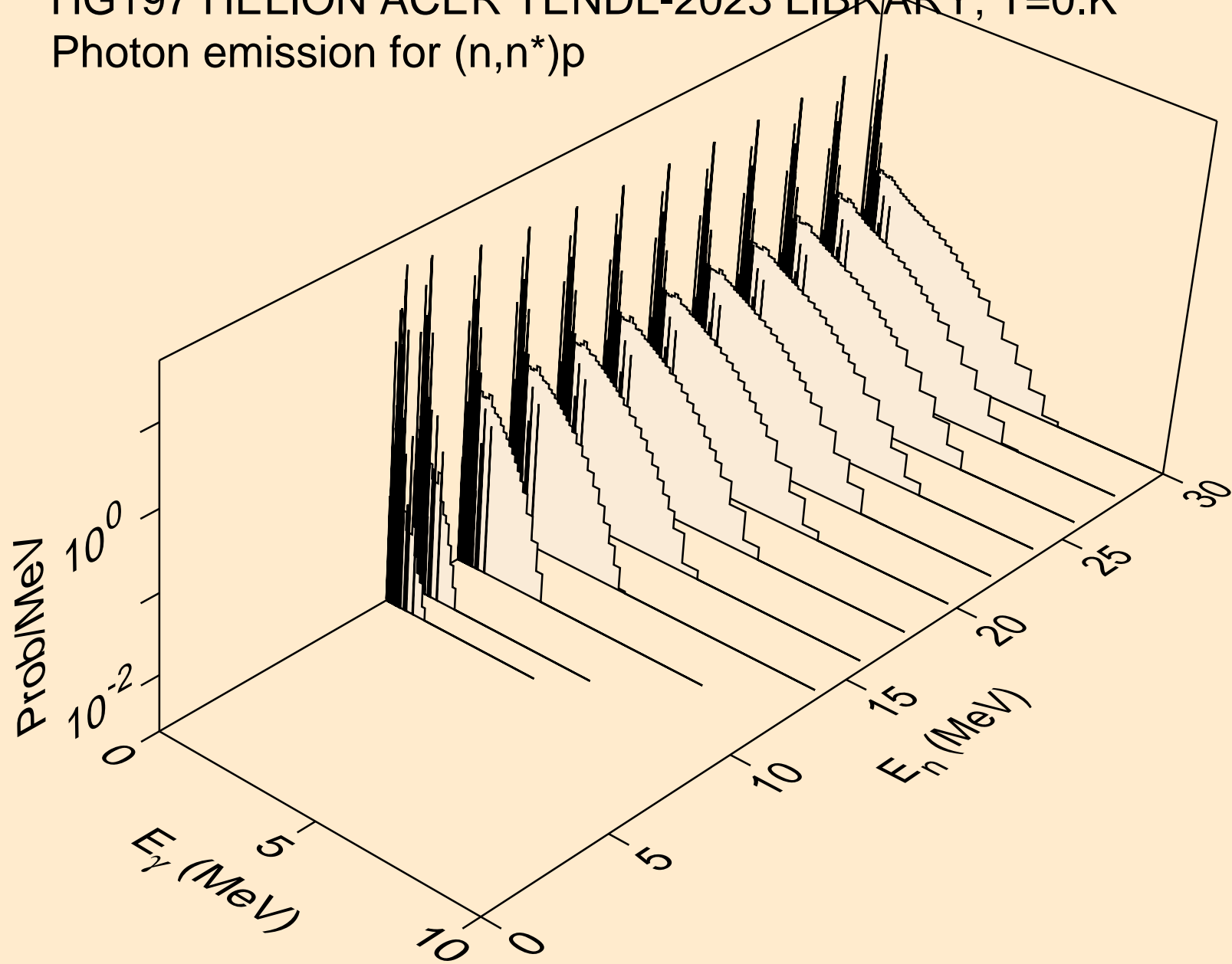




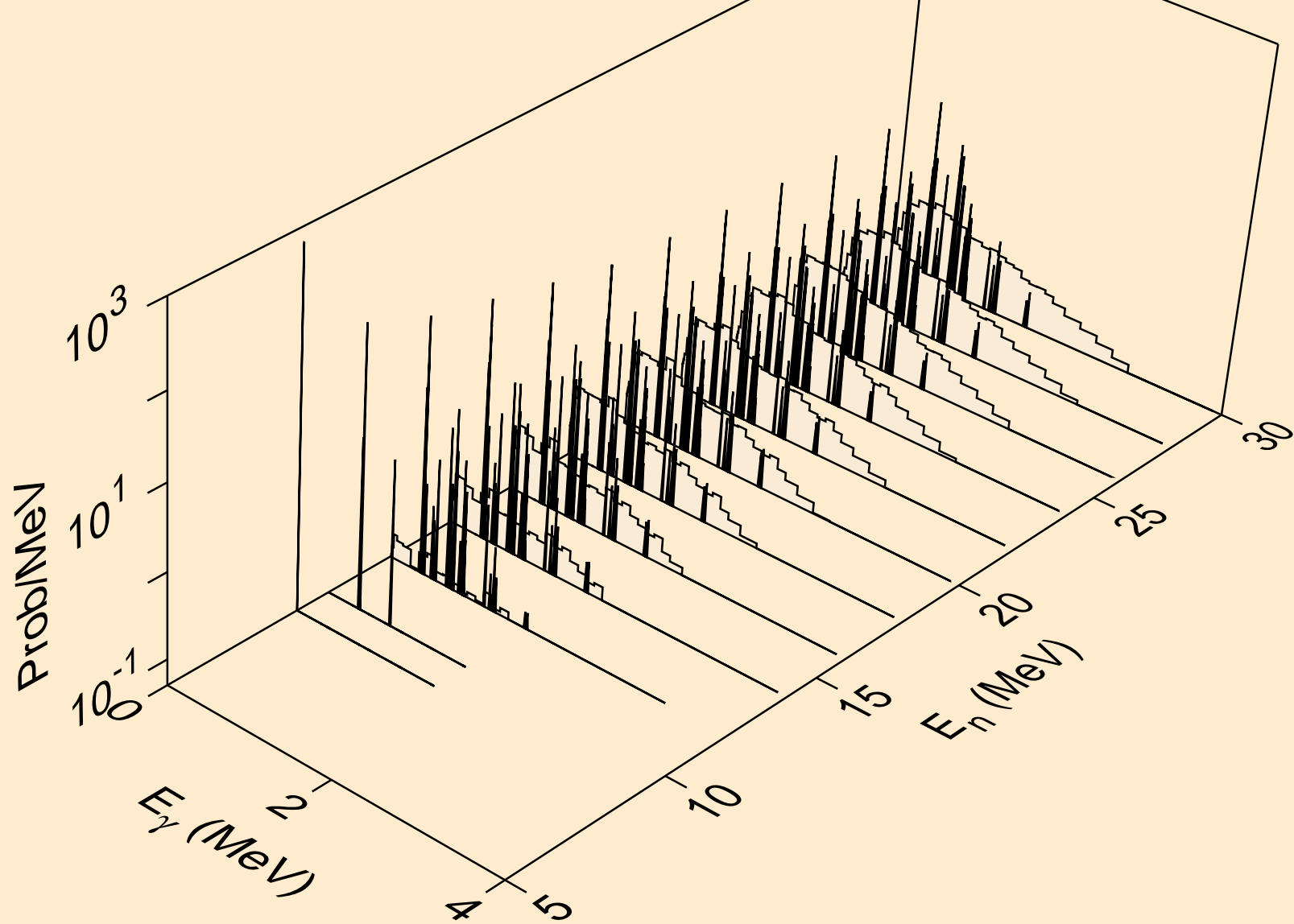
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



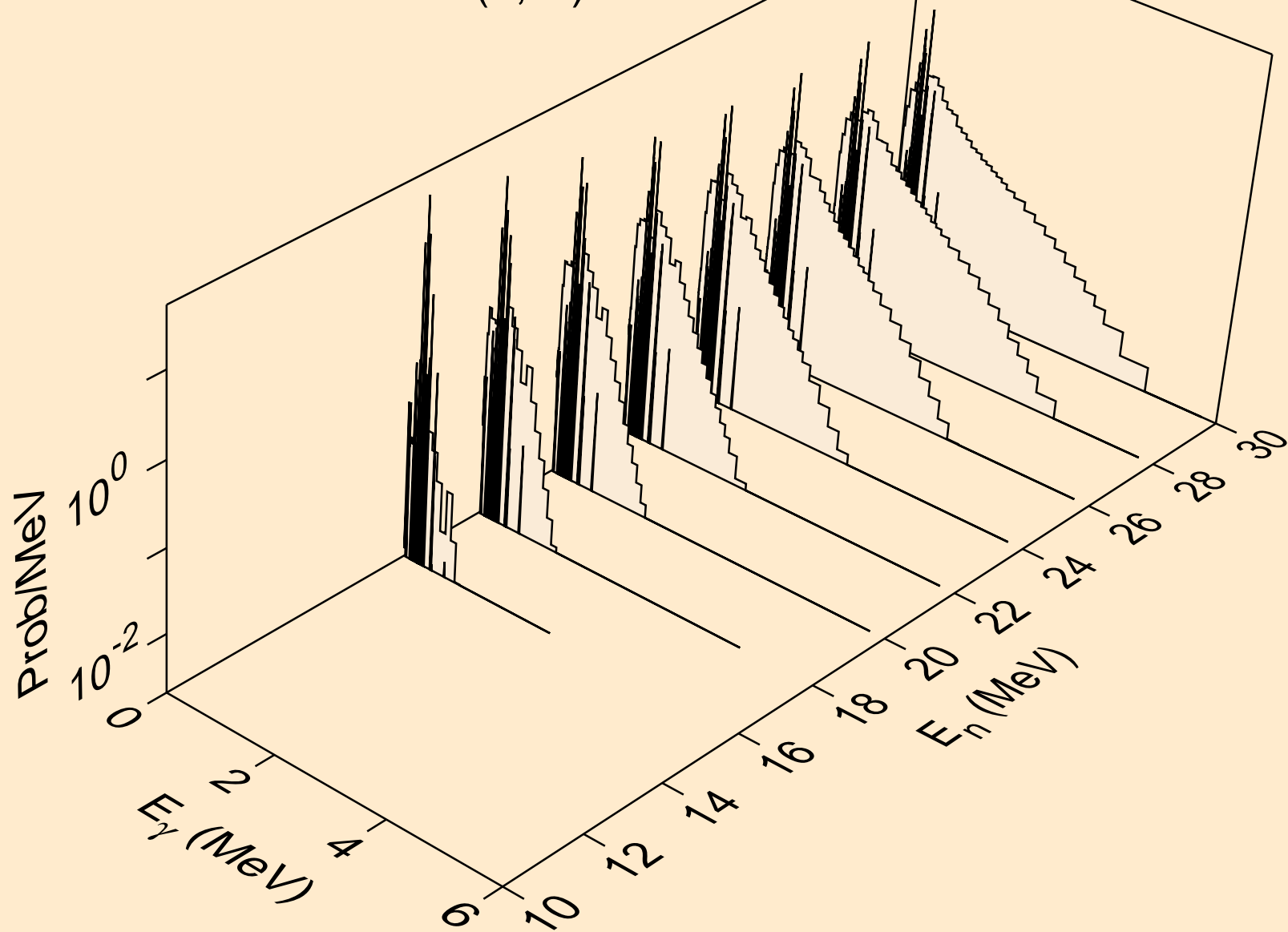
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



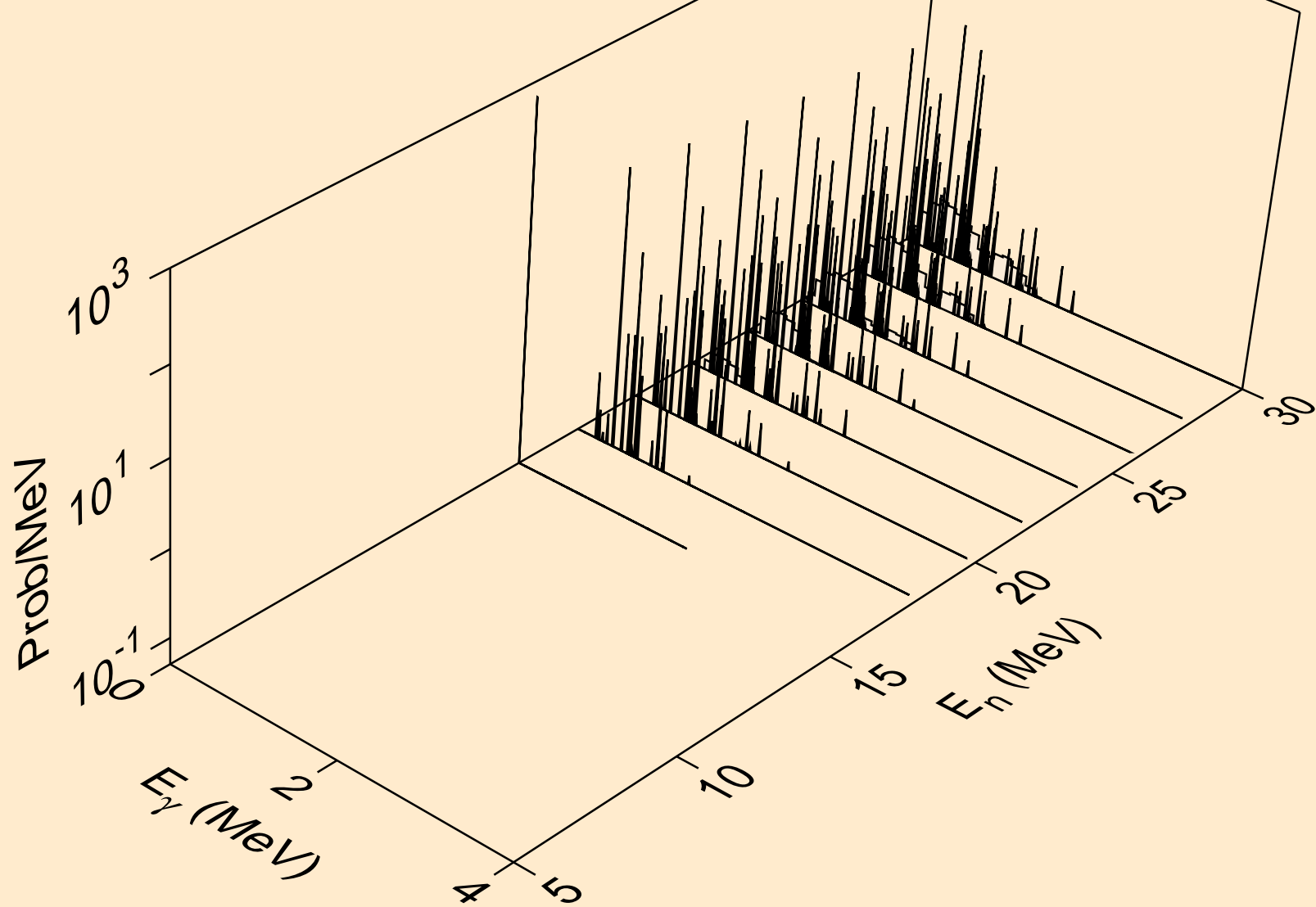
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



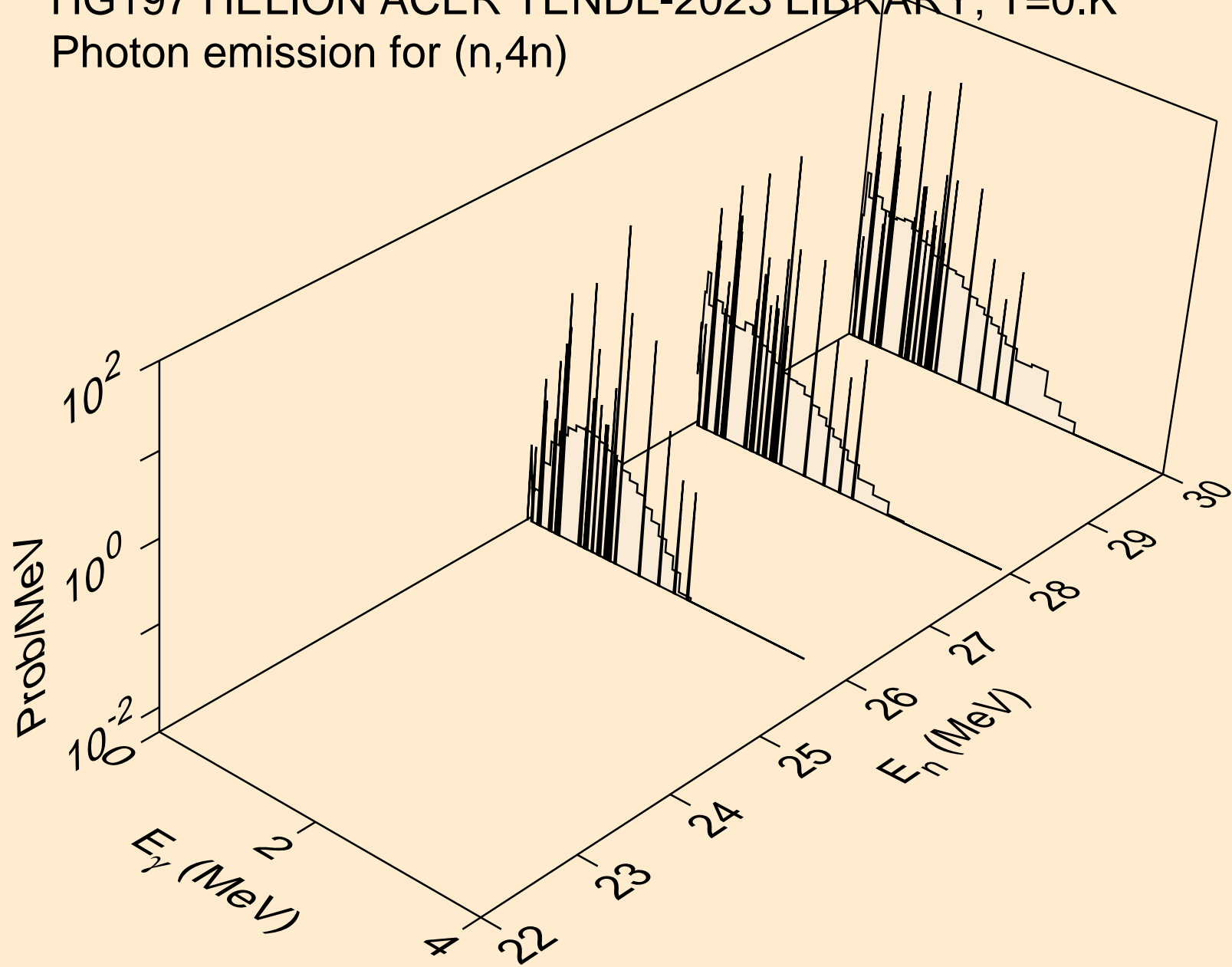
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



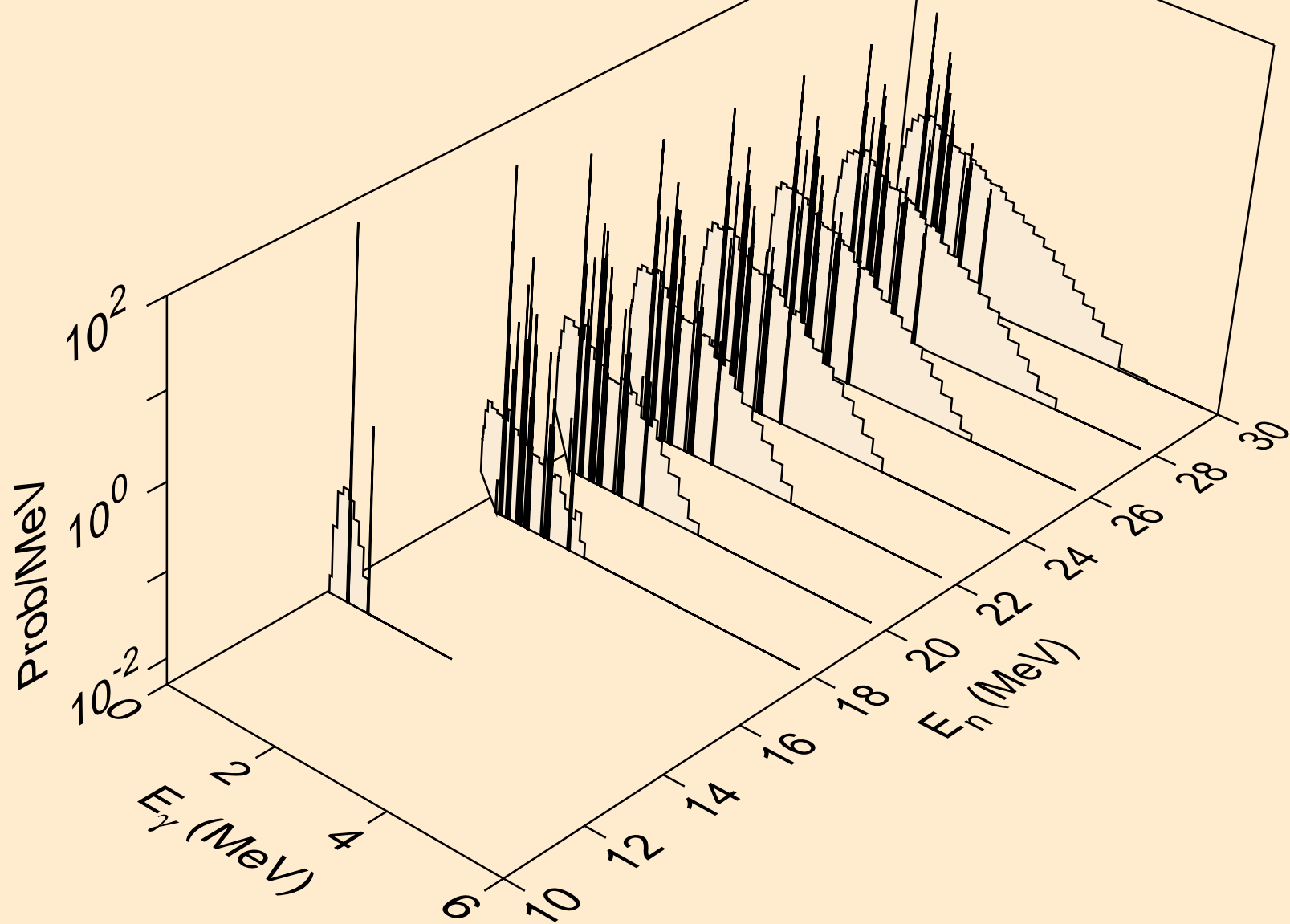
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



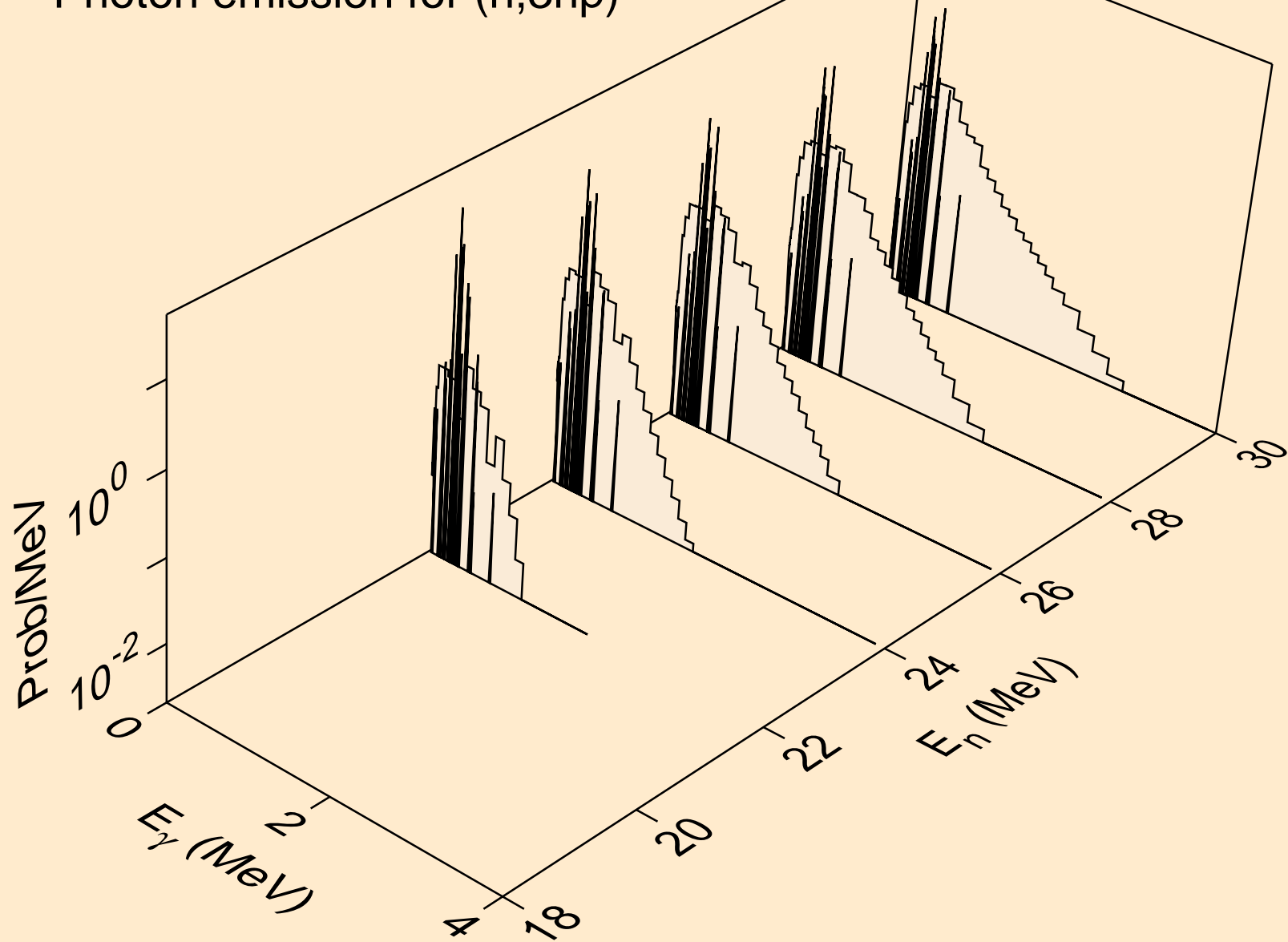
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

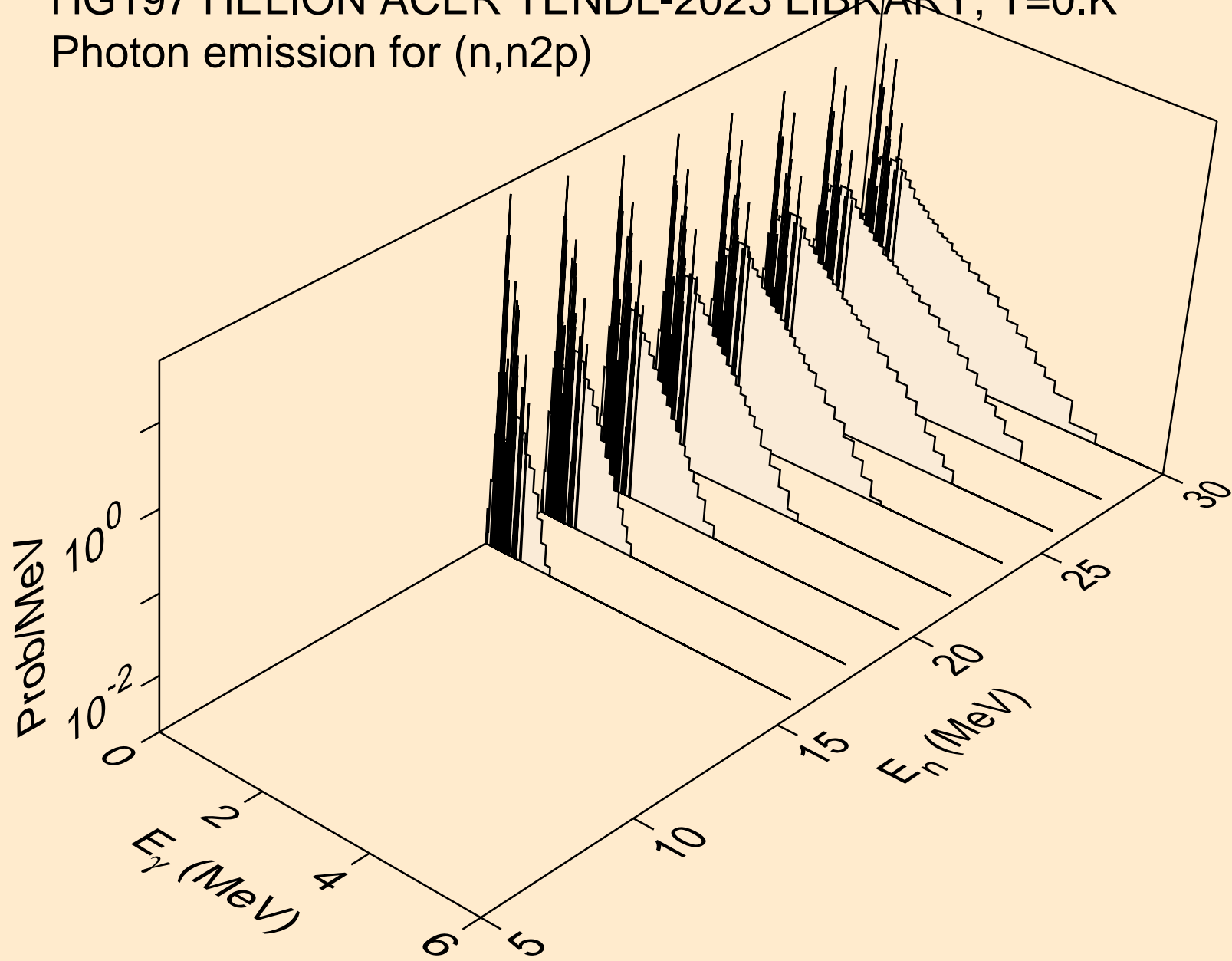


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Photon emission for (n,3np)

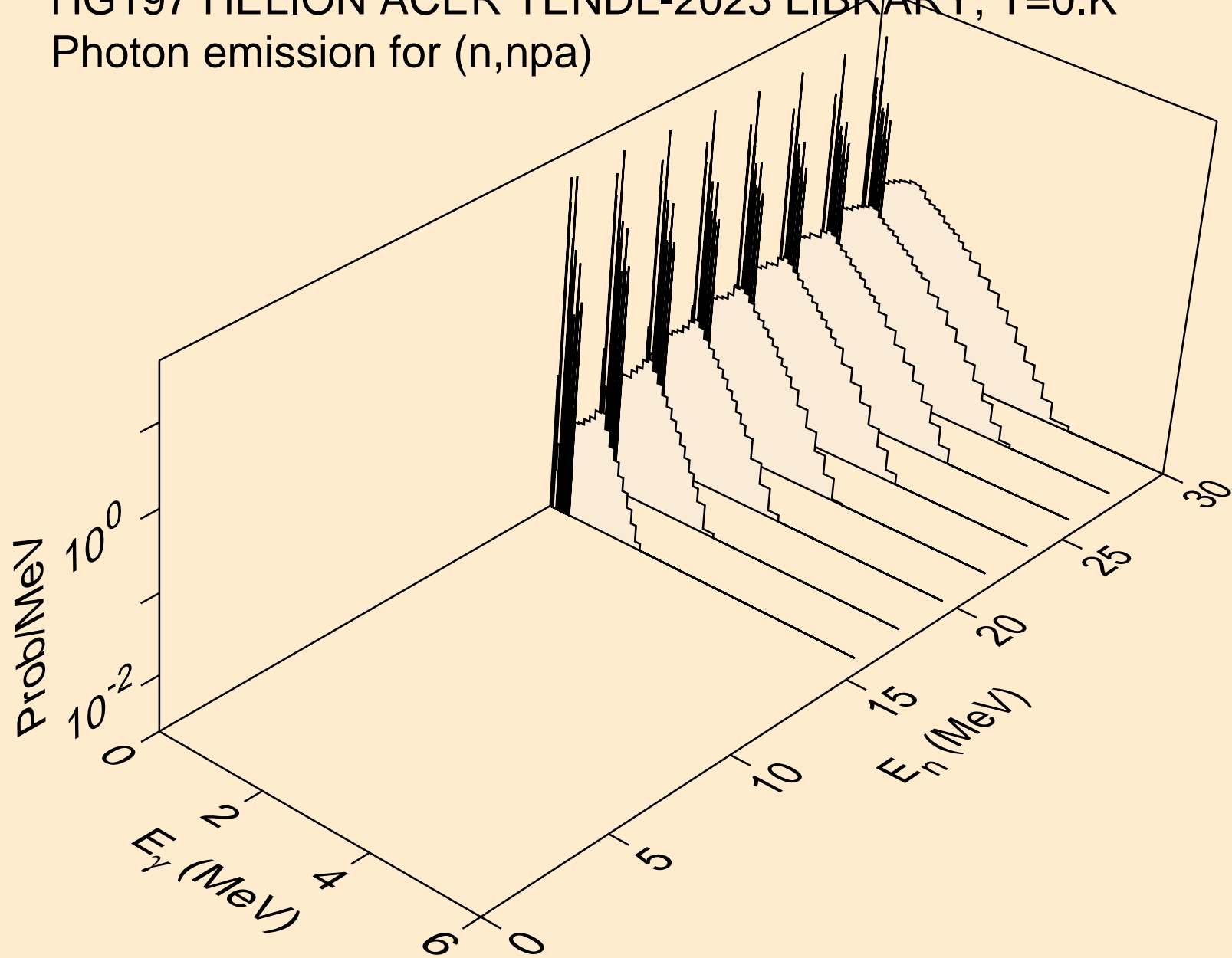




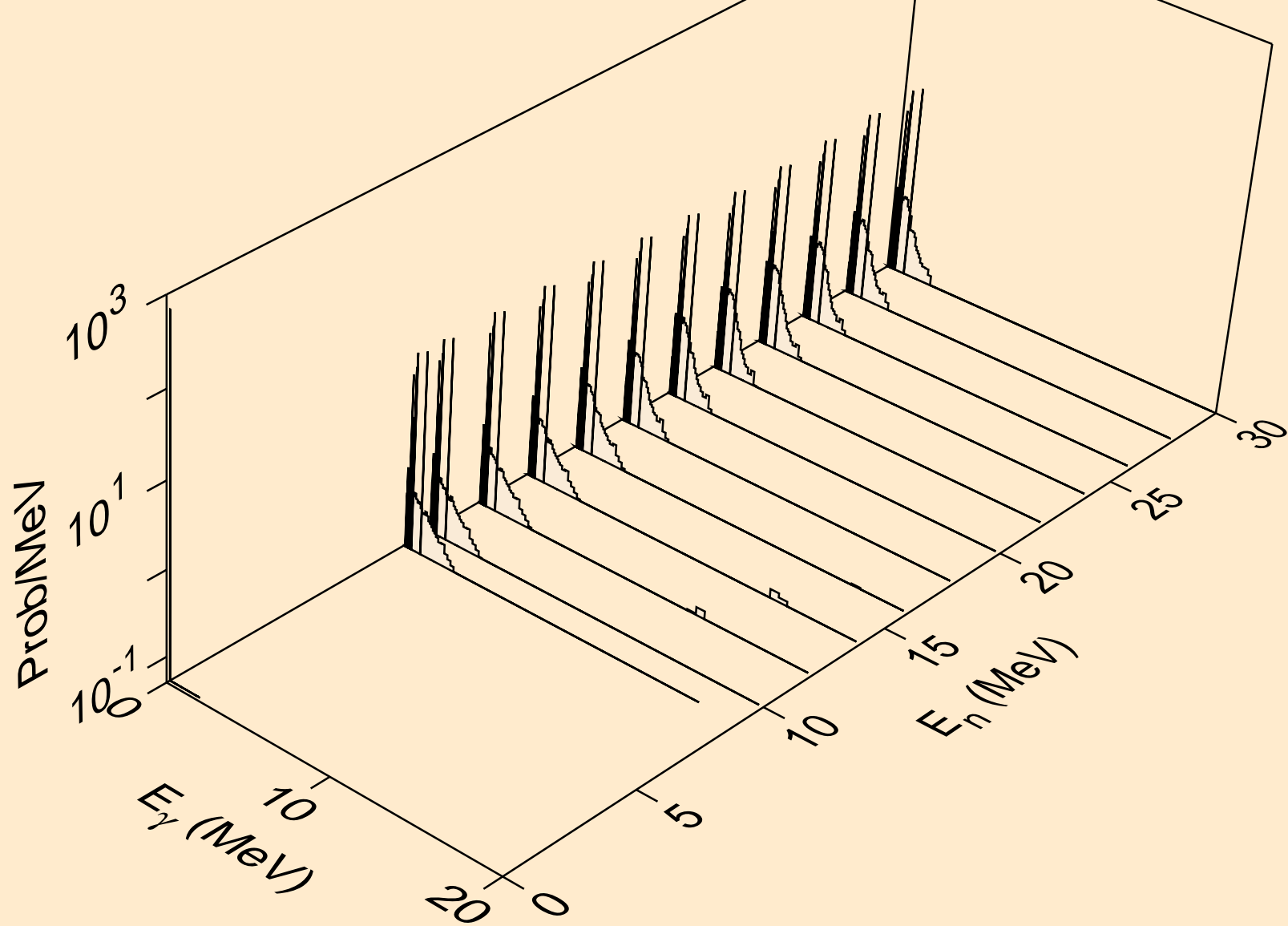
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Photon emission for (n,n2p)



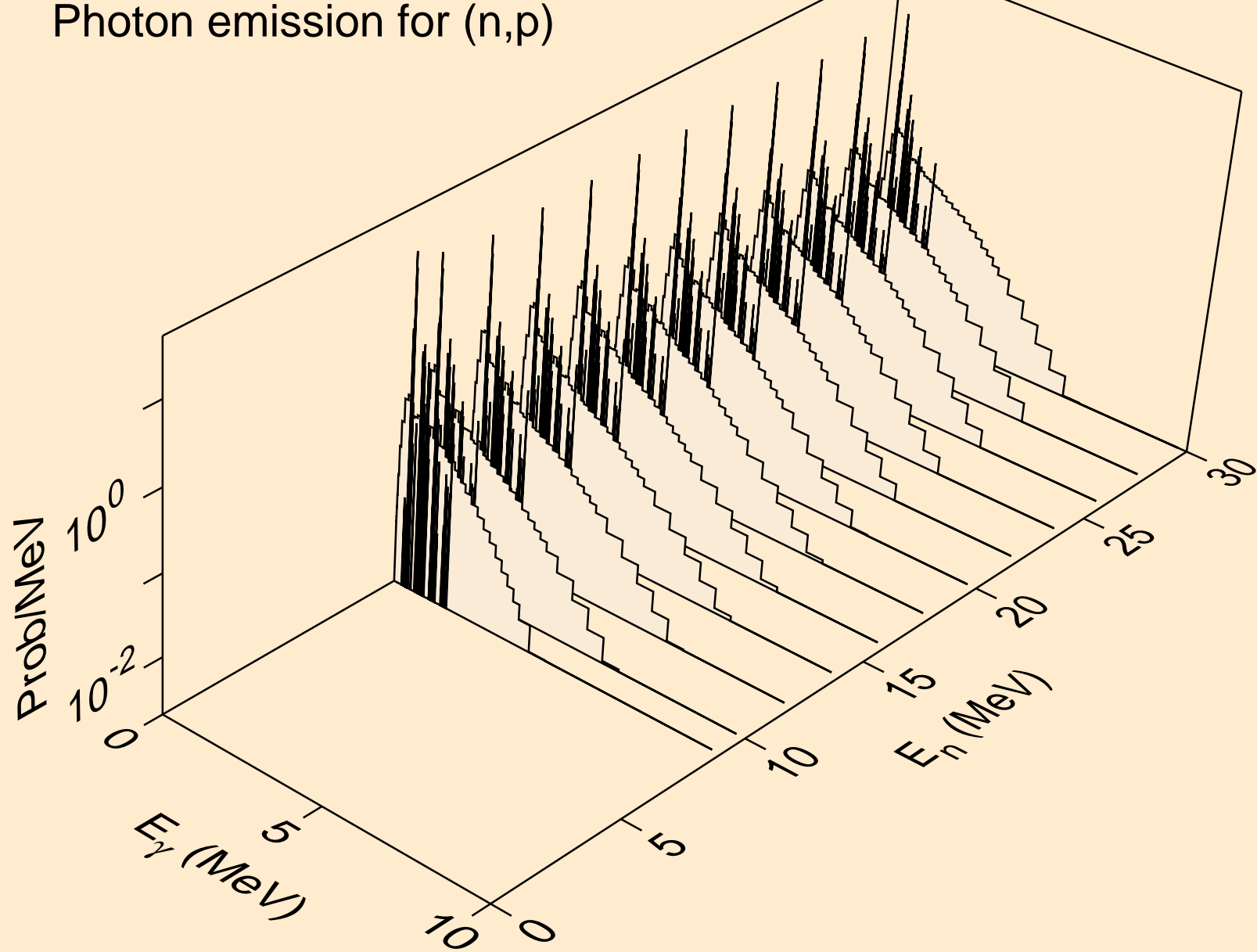
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Photon emission for (n,npa)



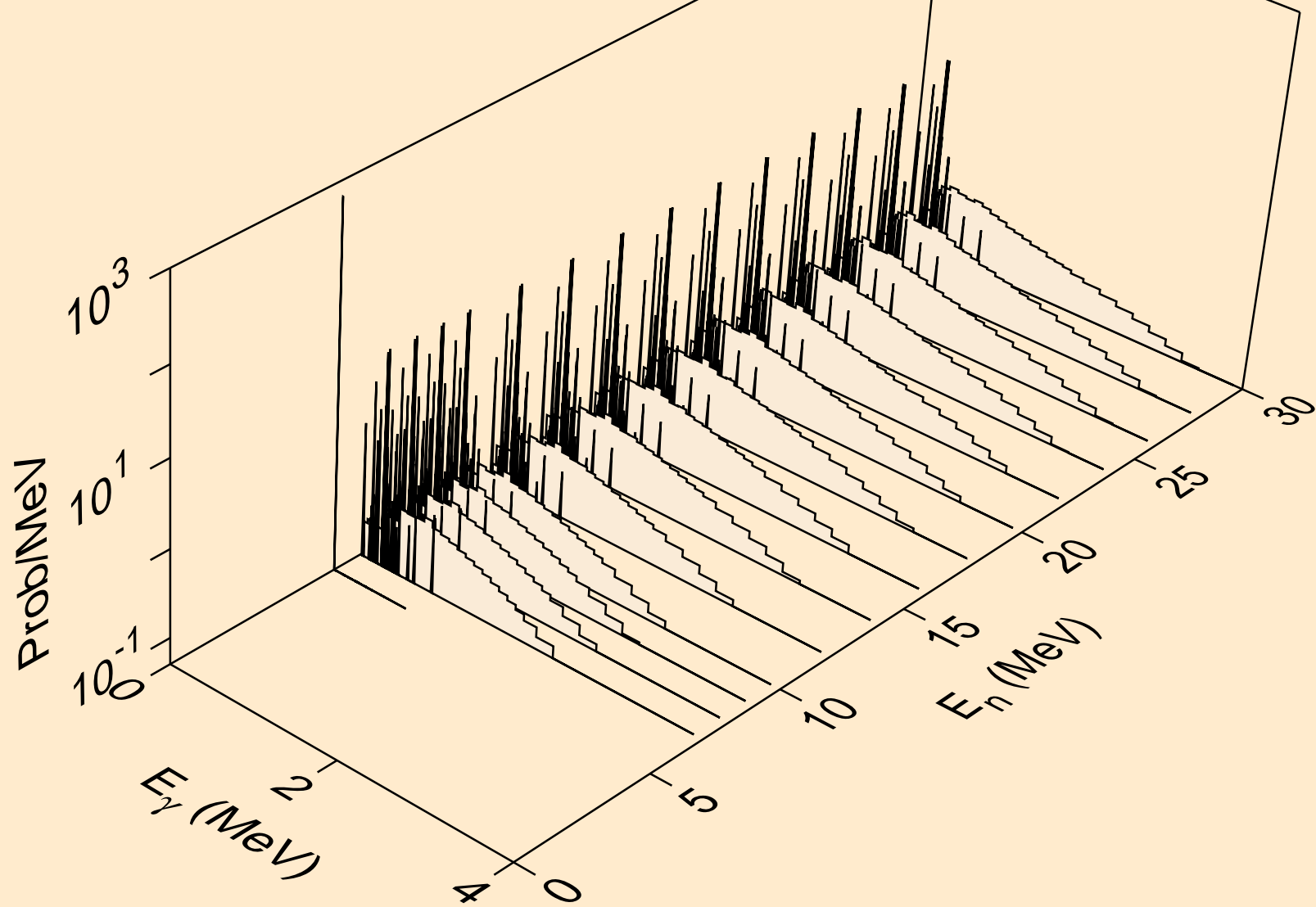
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Photon emission for (n,gma)



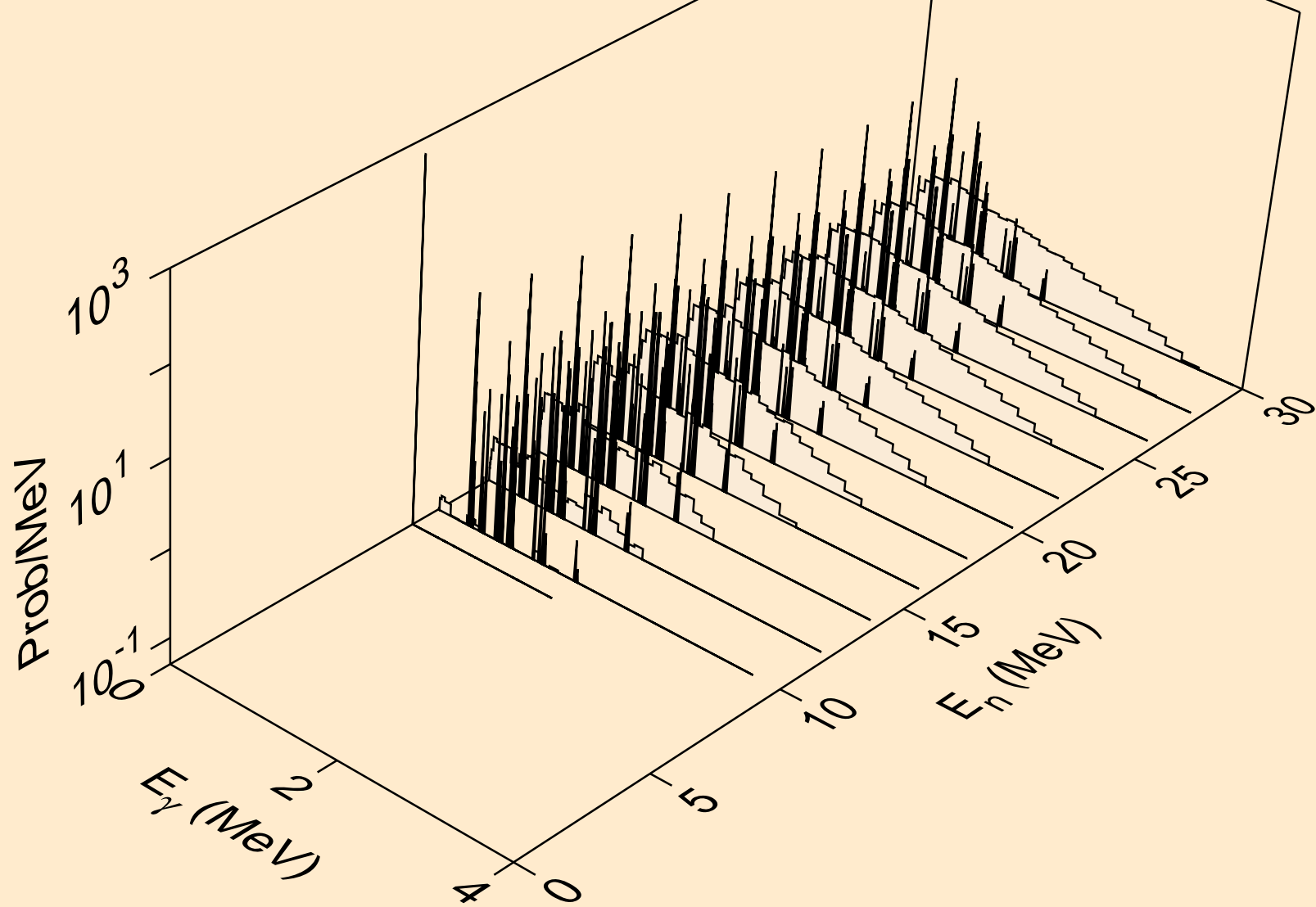
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Photon emission for (n,p)



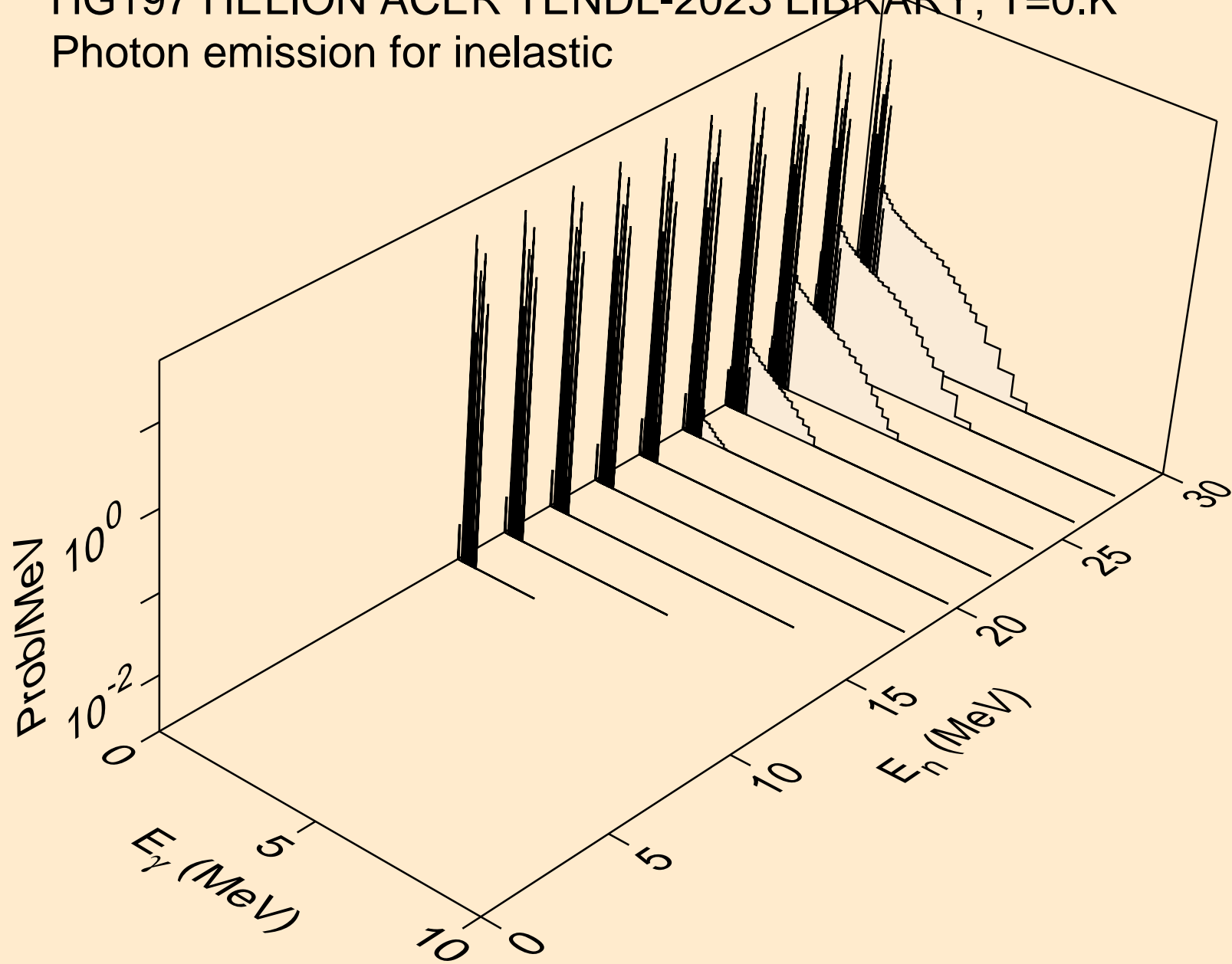
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



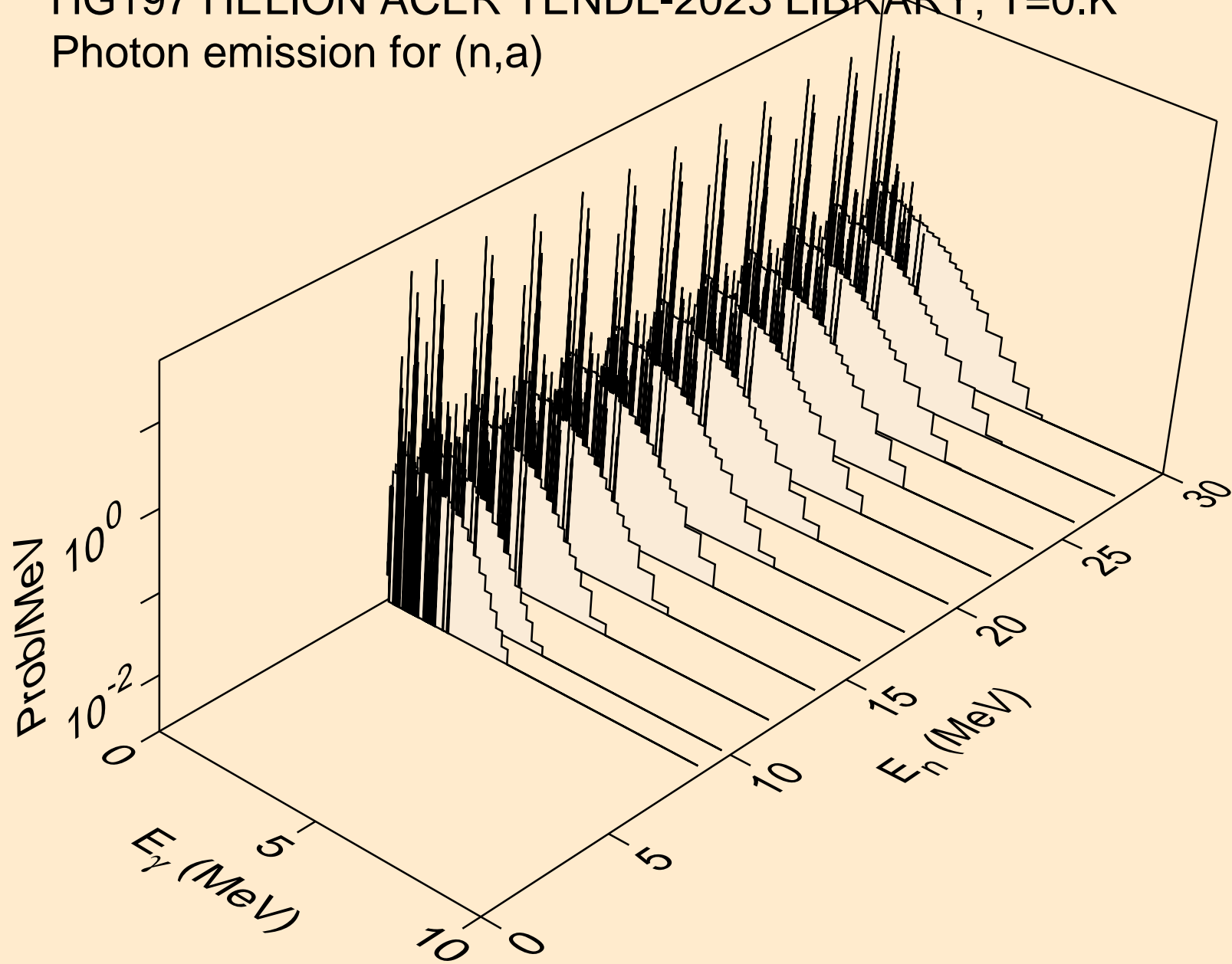
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

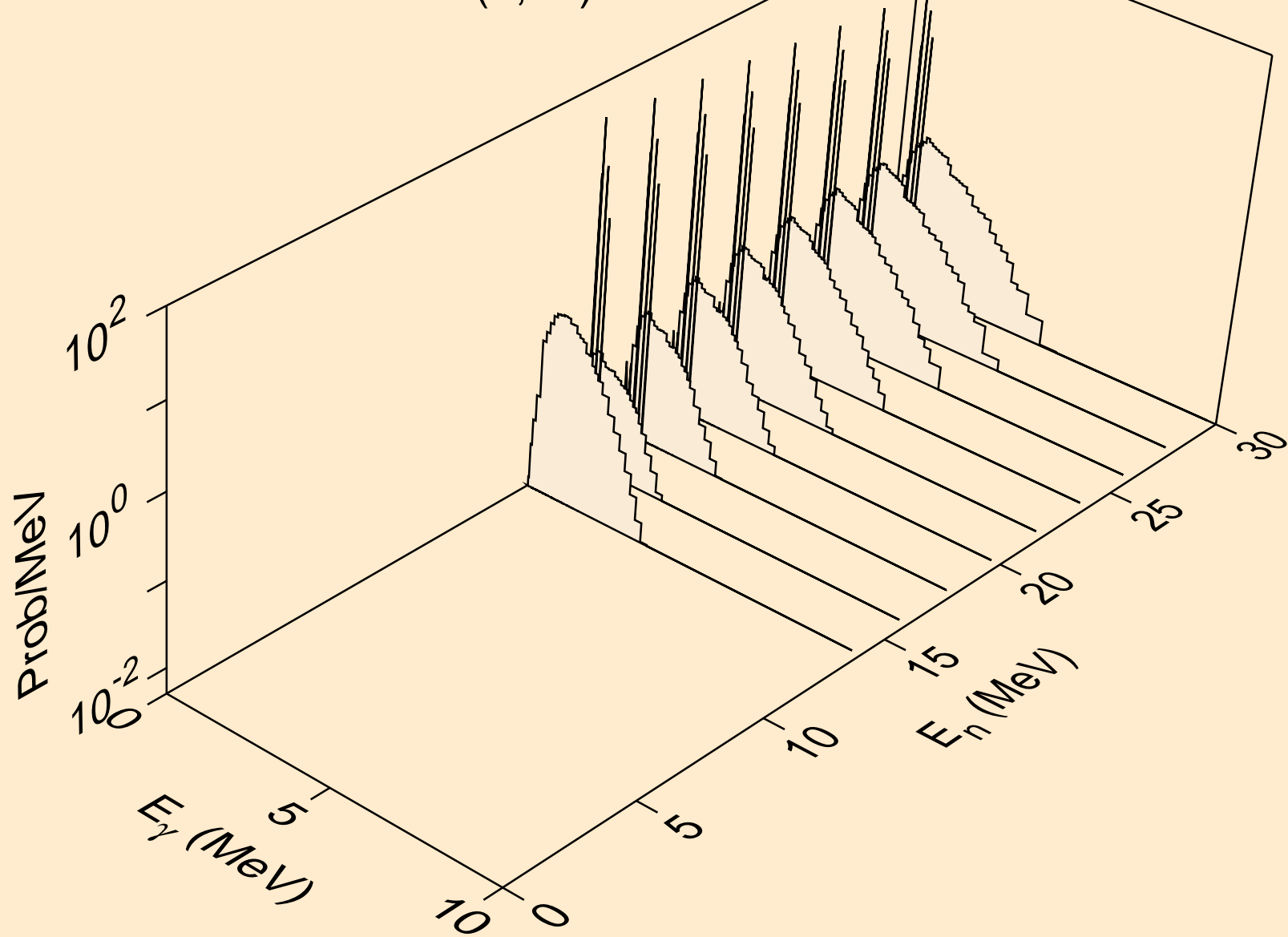


HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

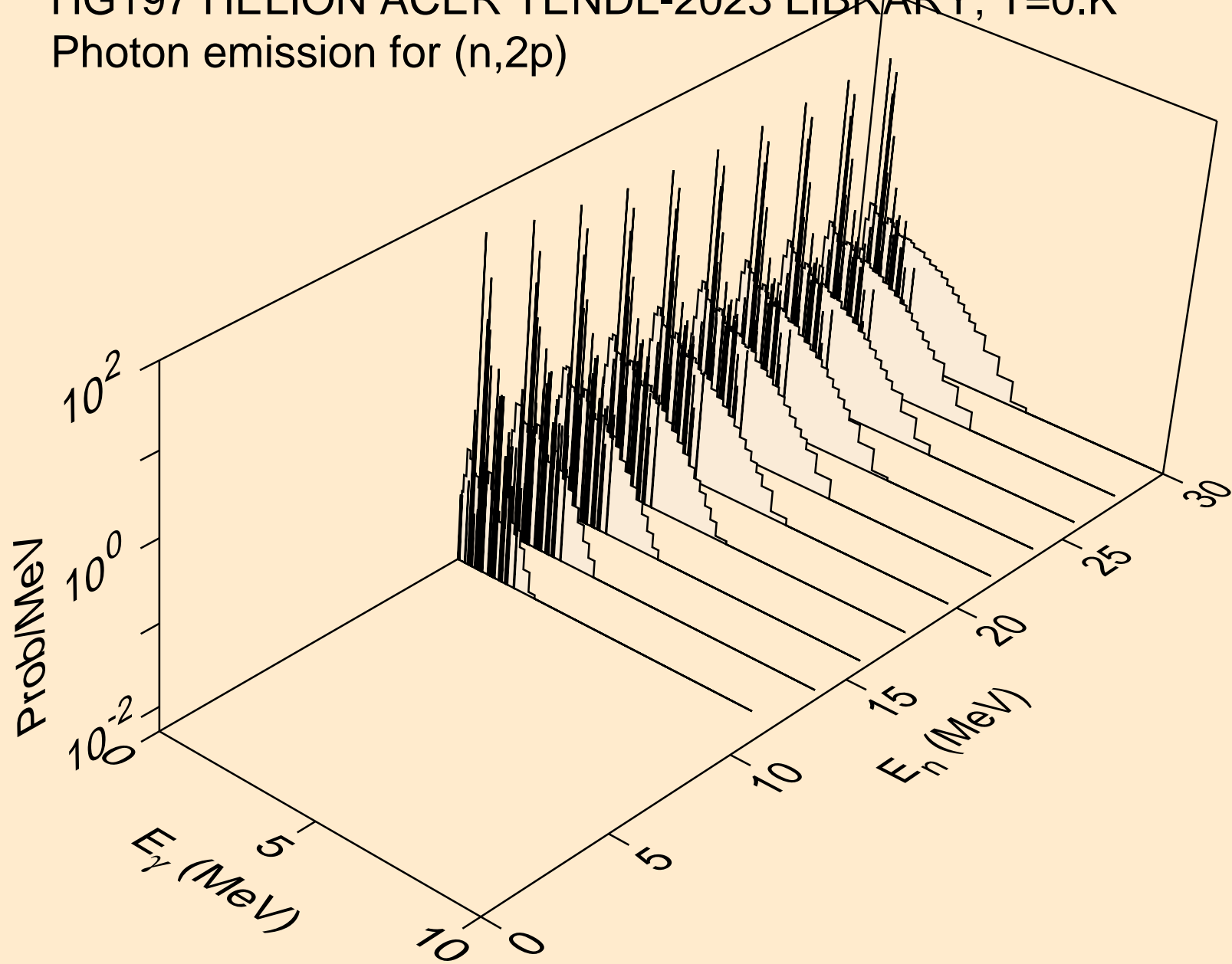




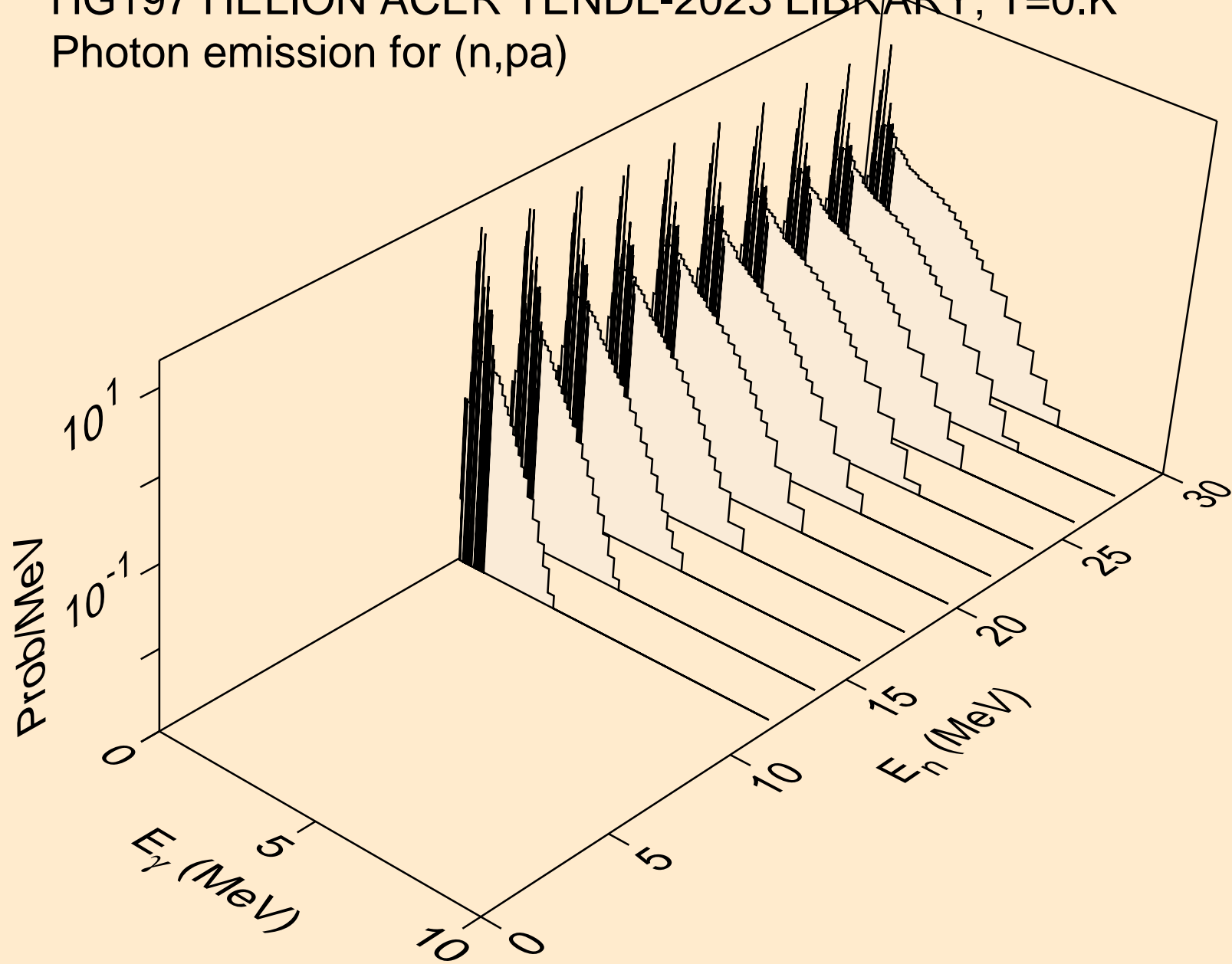
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



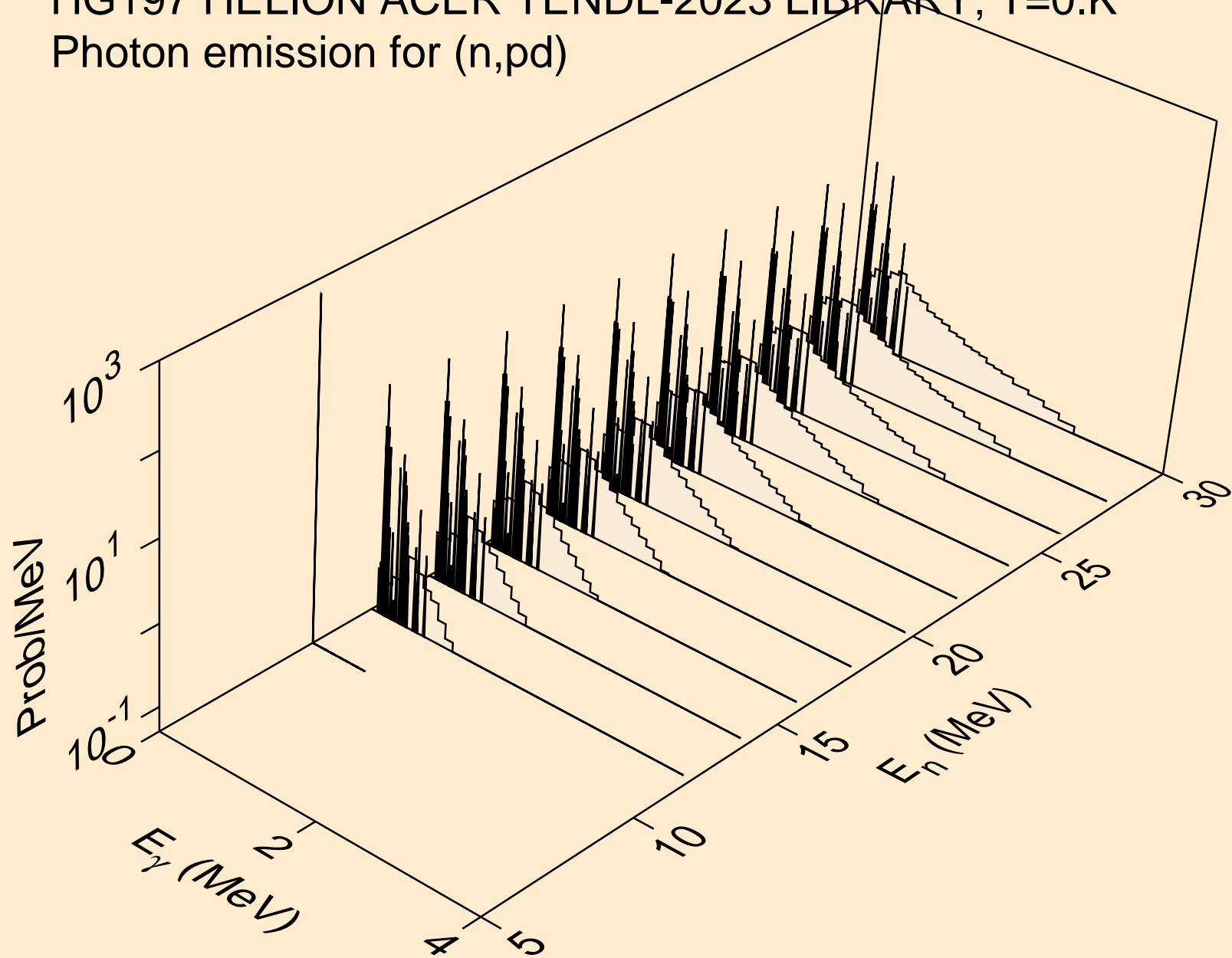
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



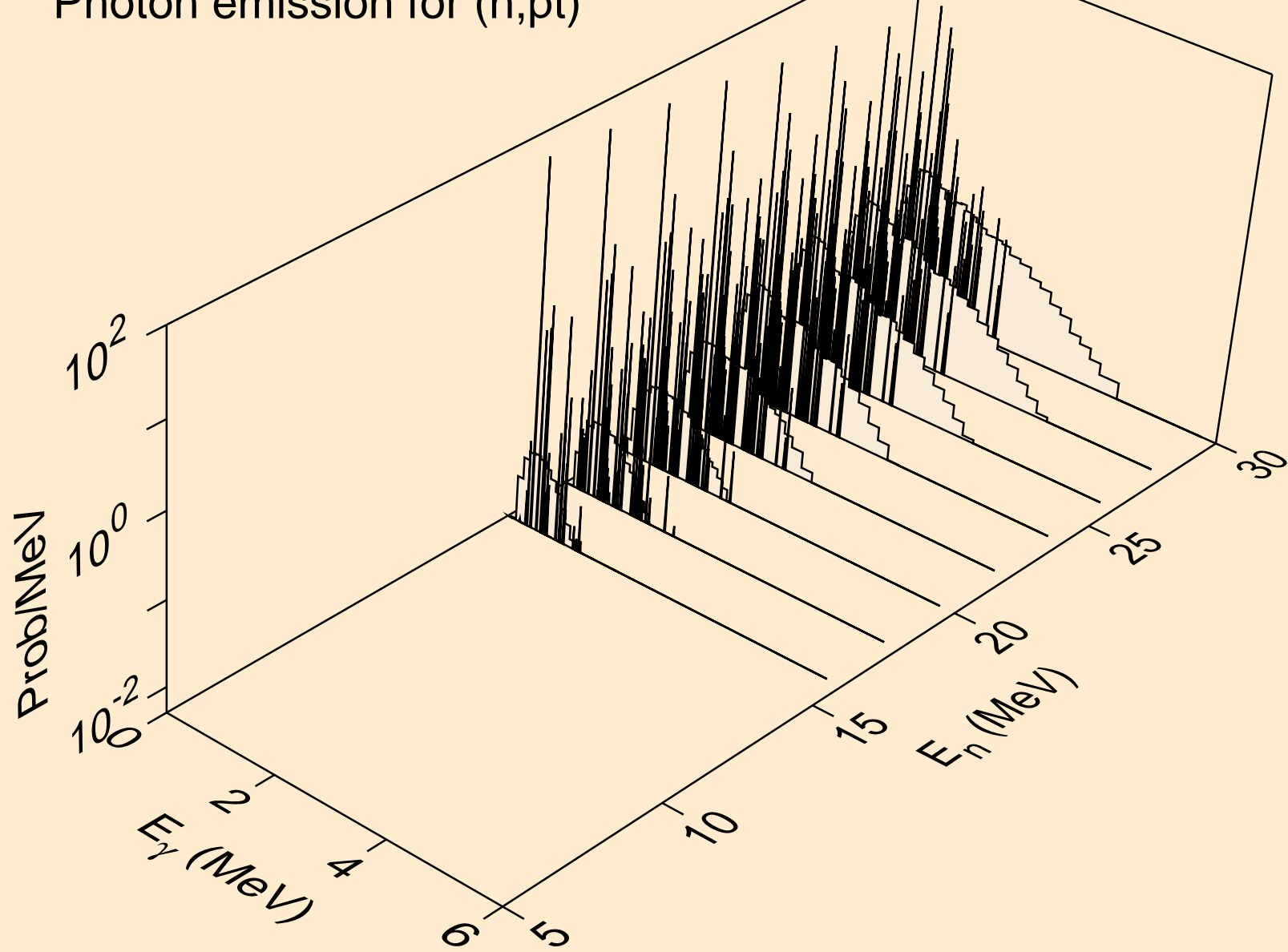
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



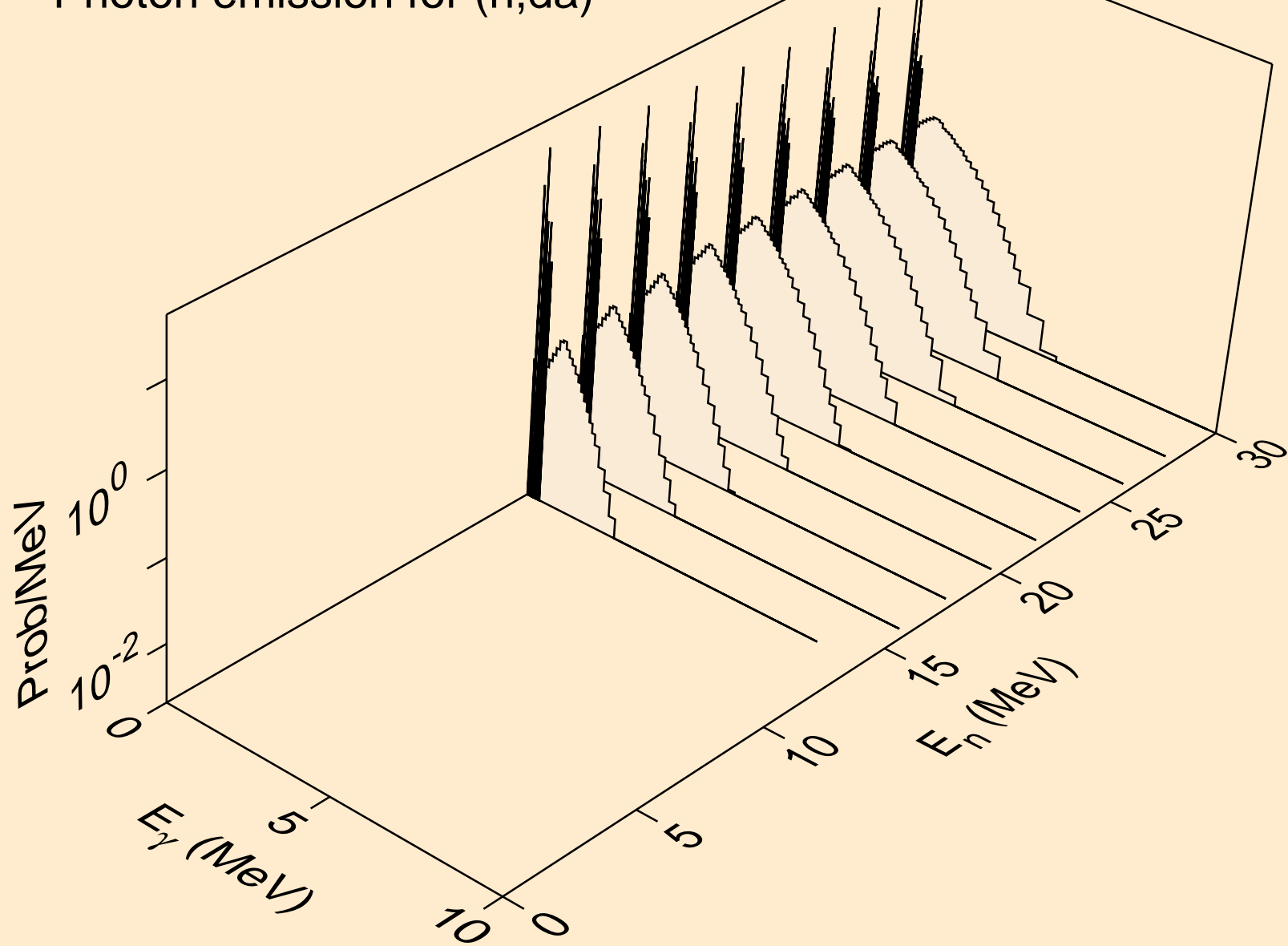
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

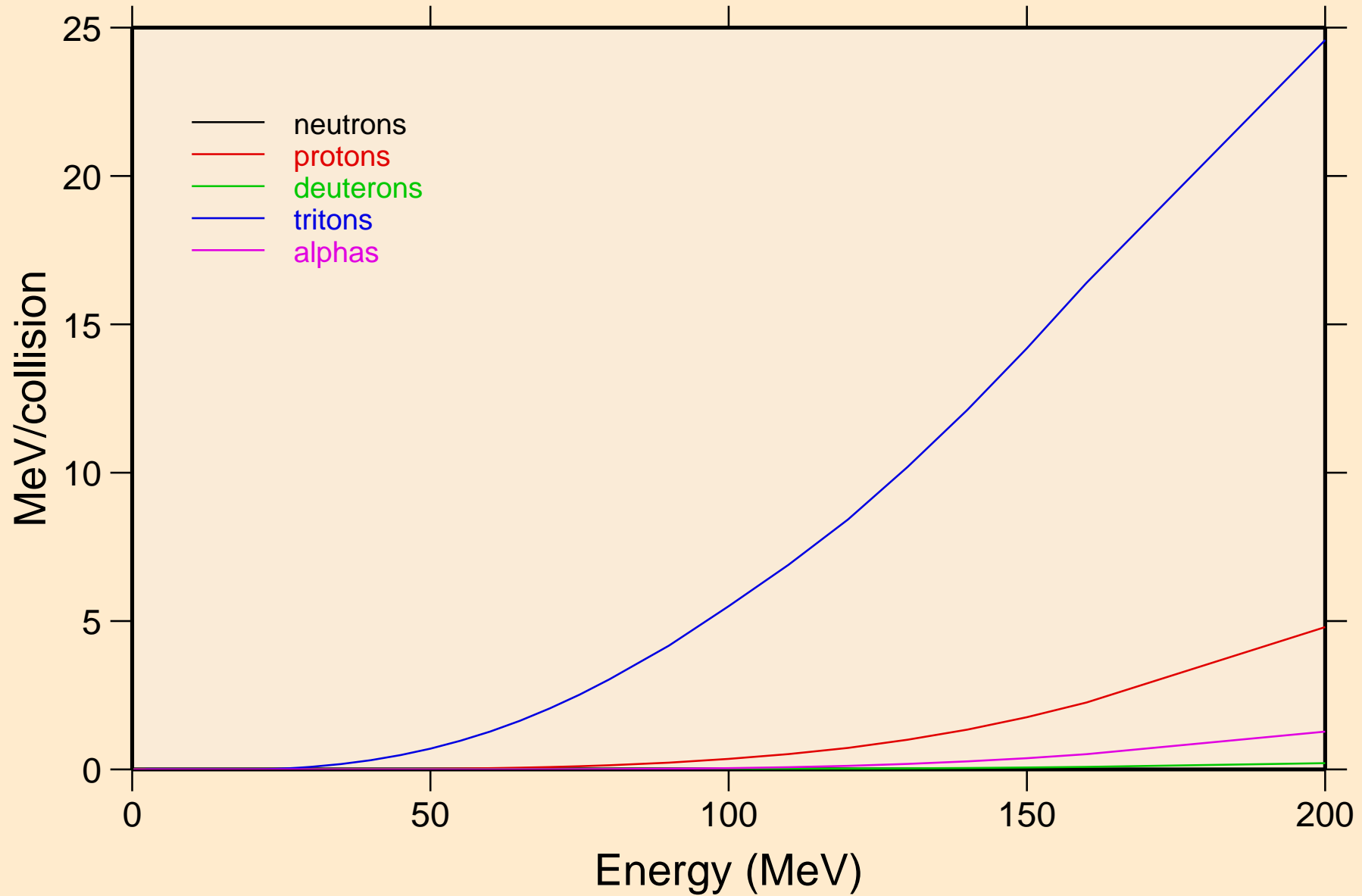


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Photon emission for (n,da)

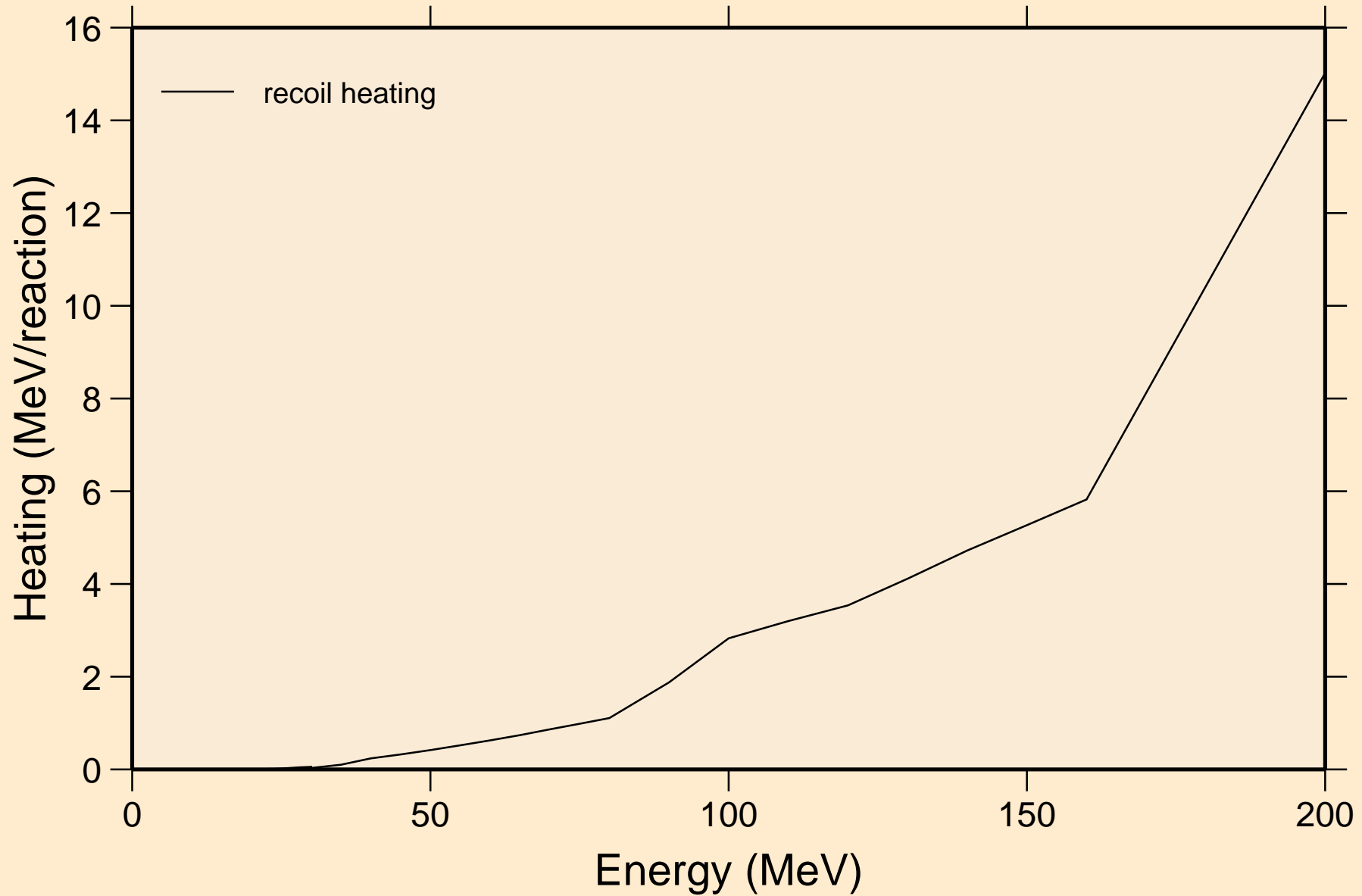


# HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

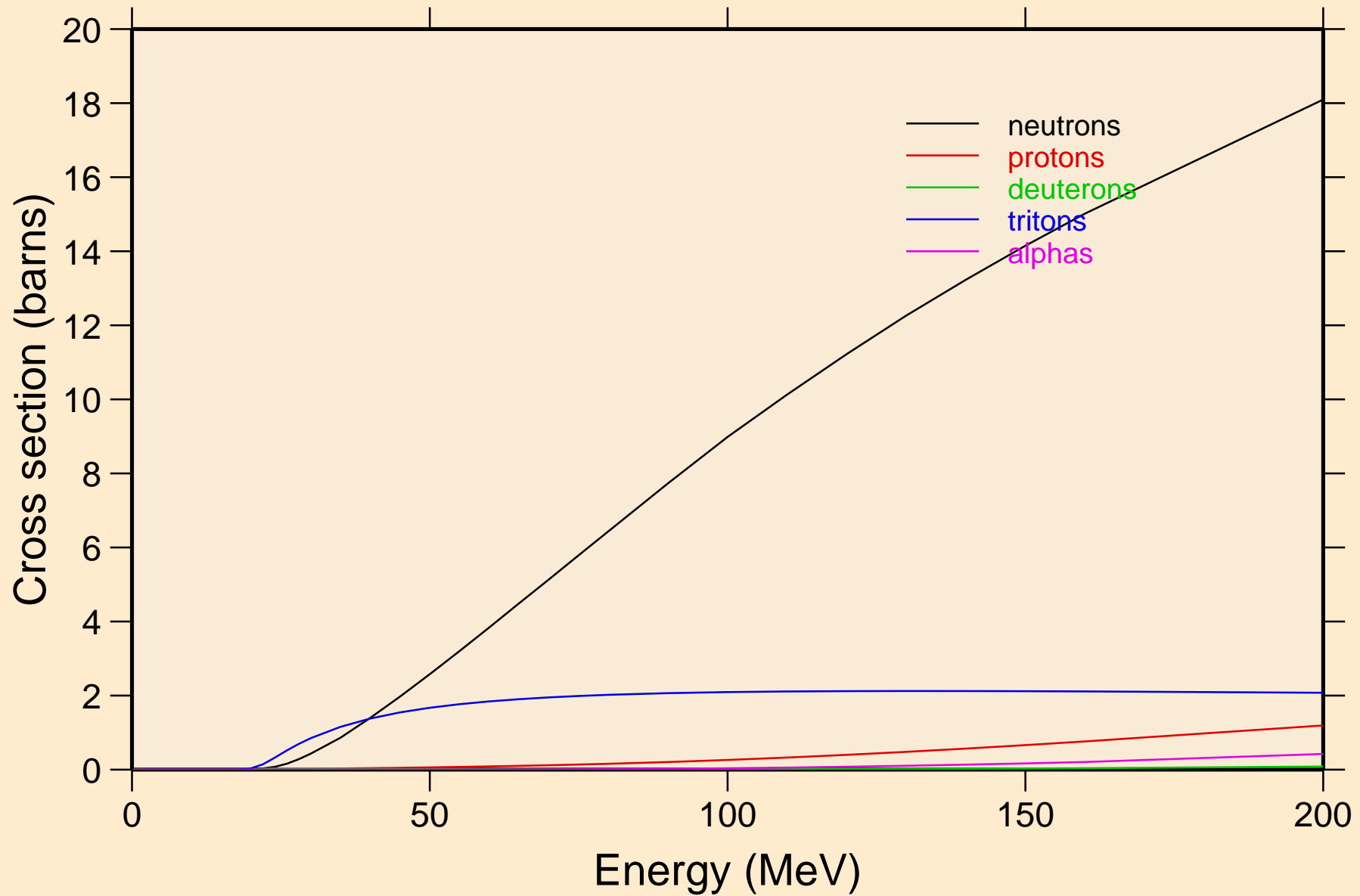


HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

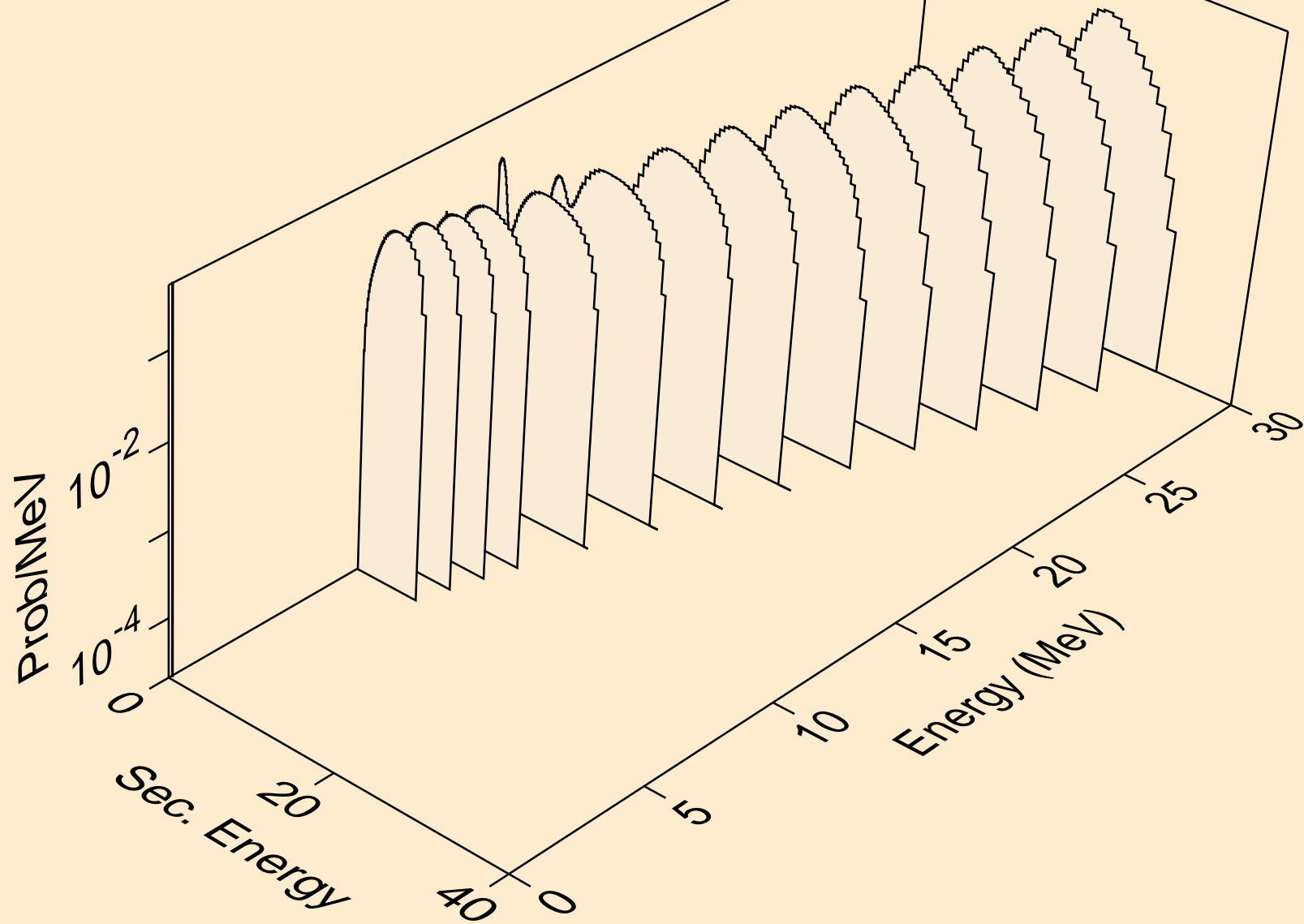




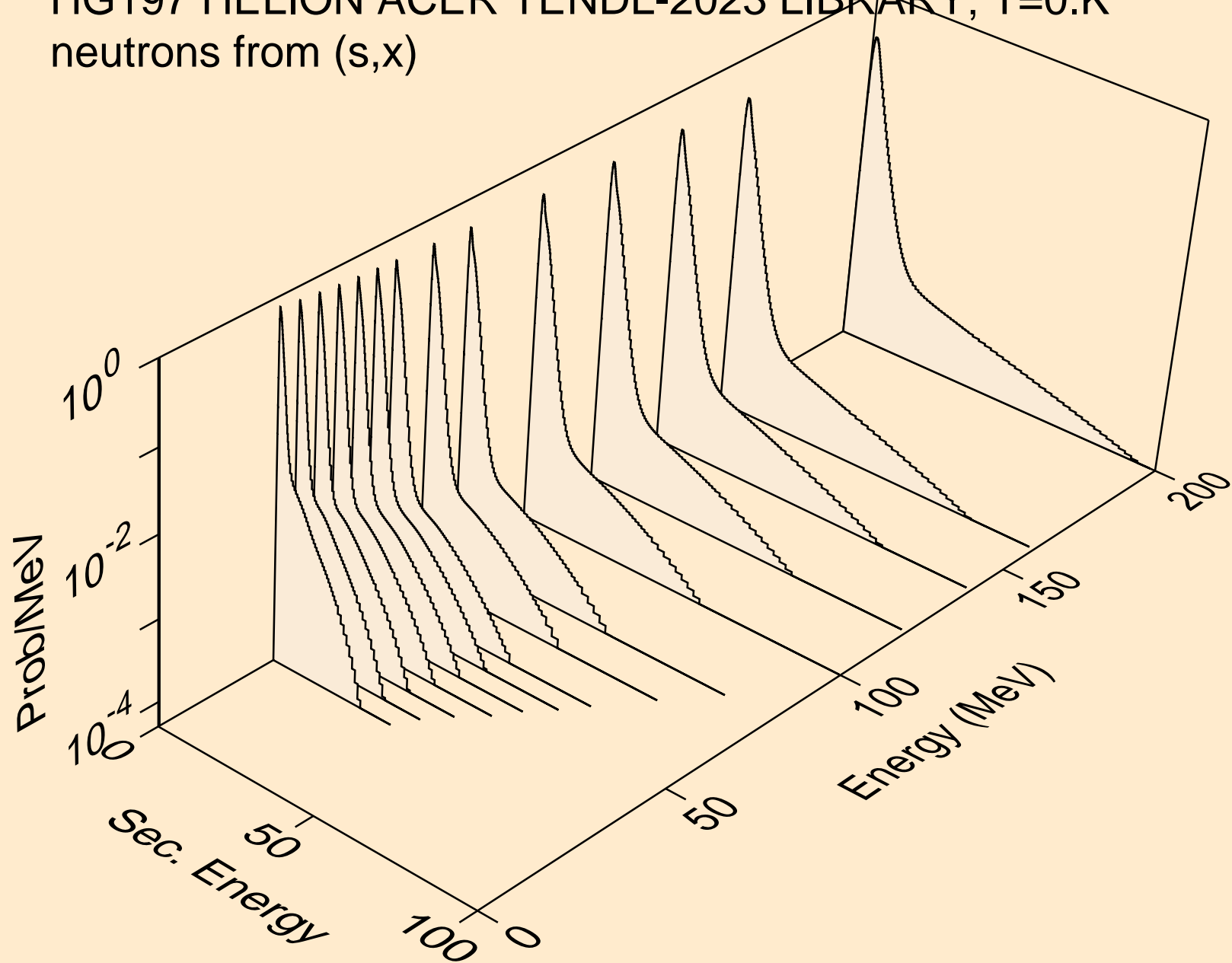
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



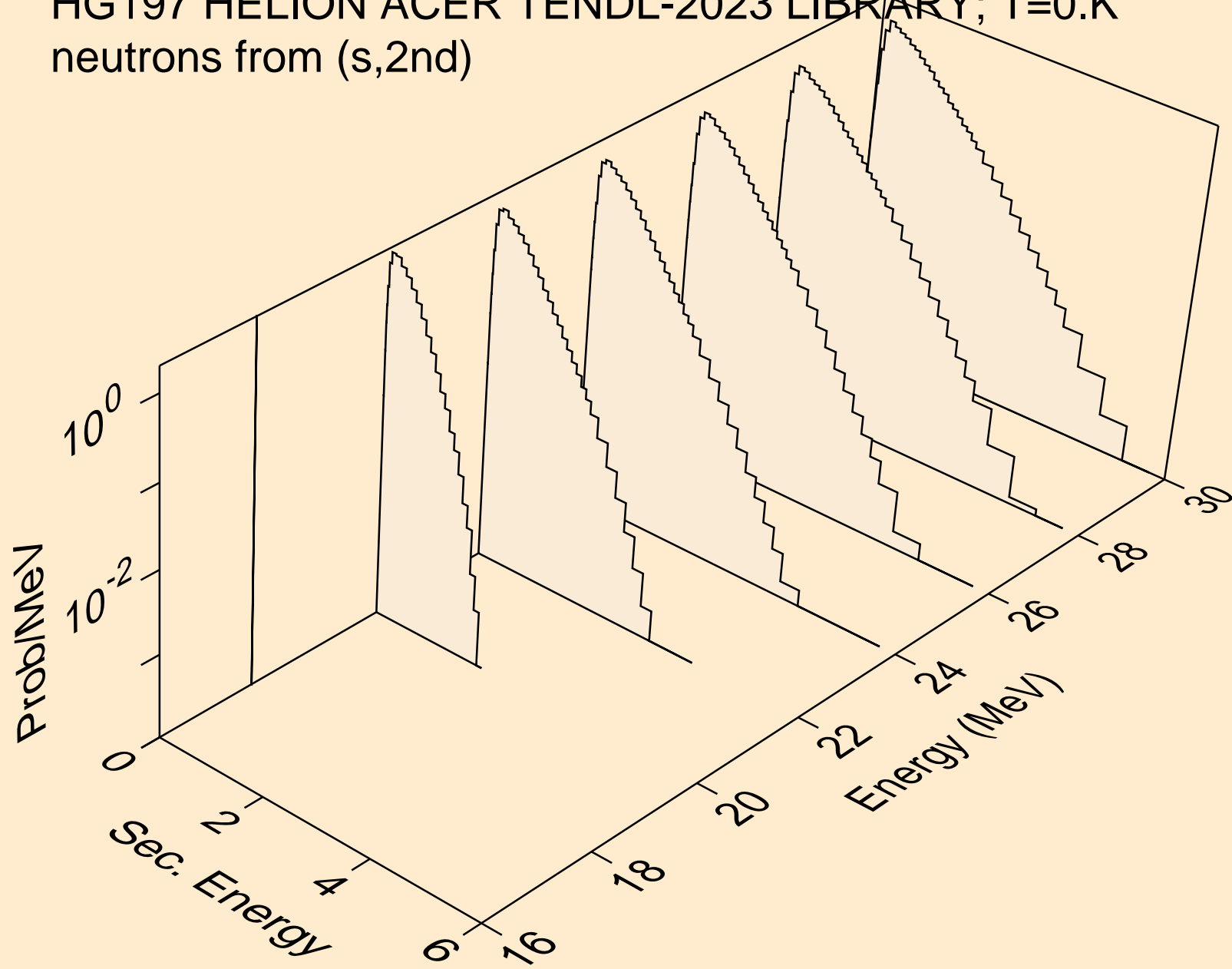
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n)



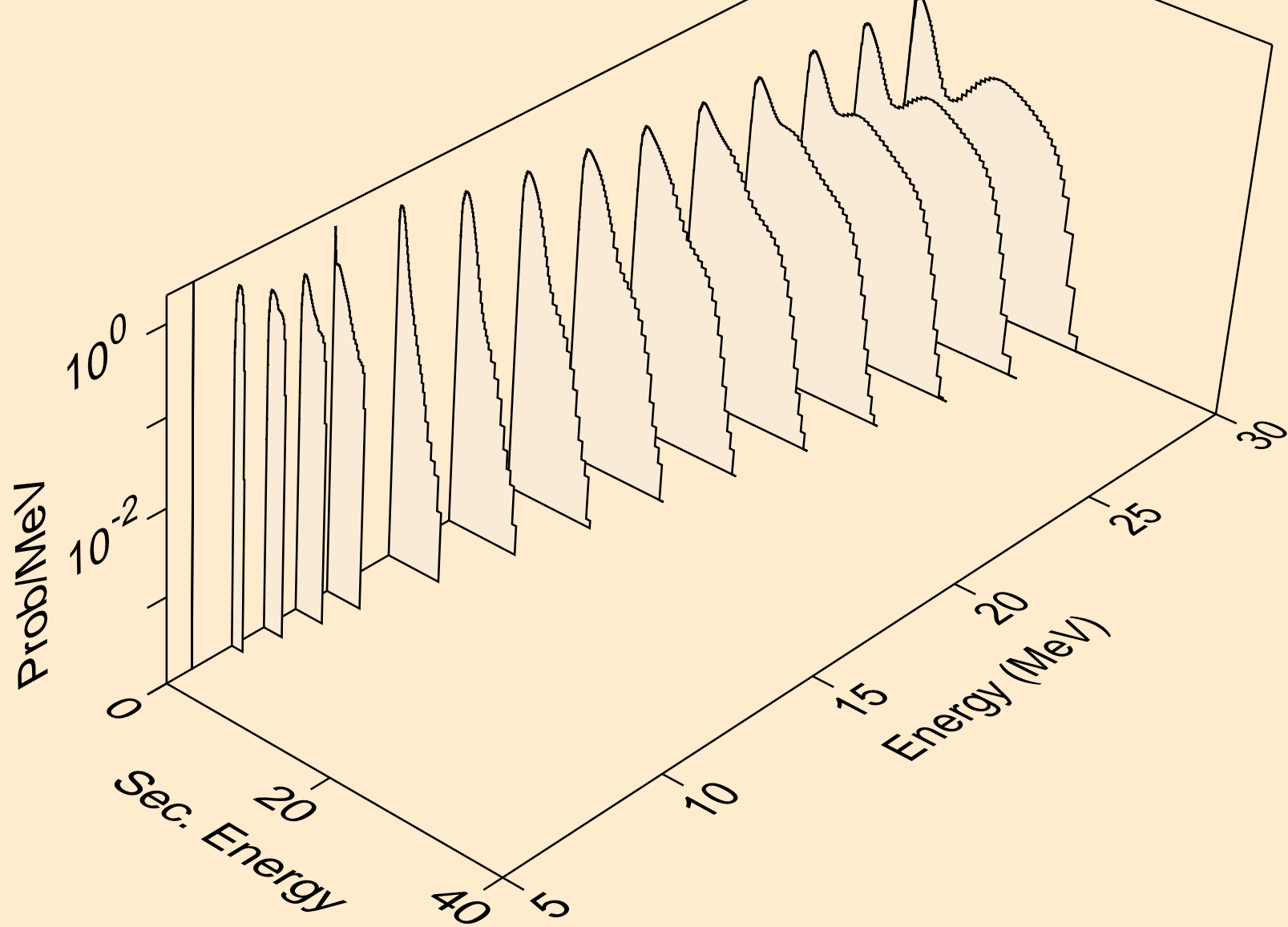
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,x)



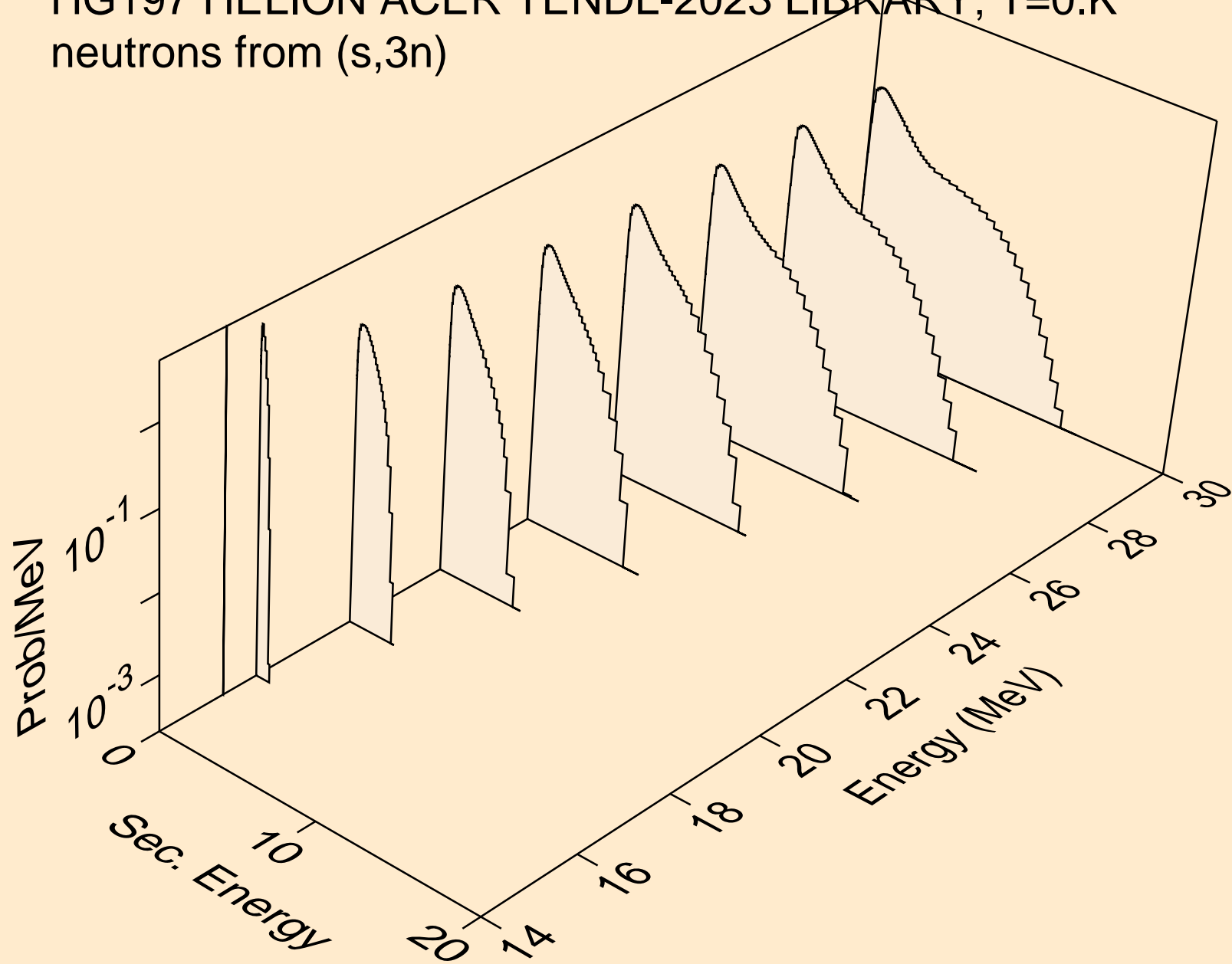
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2nd)



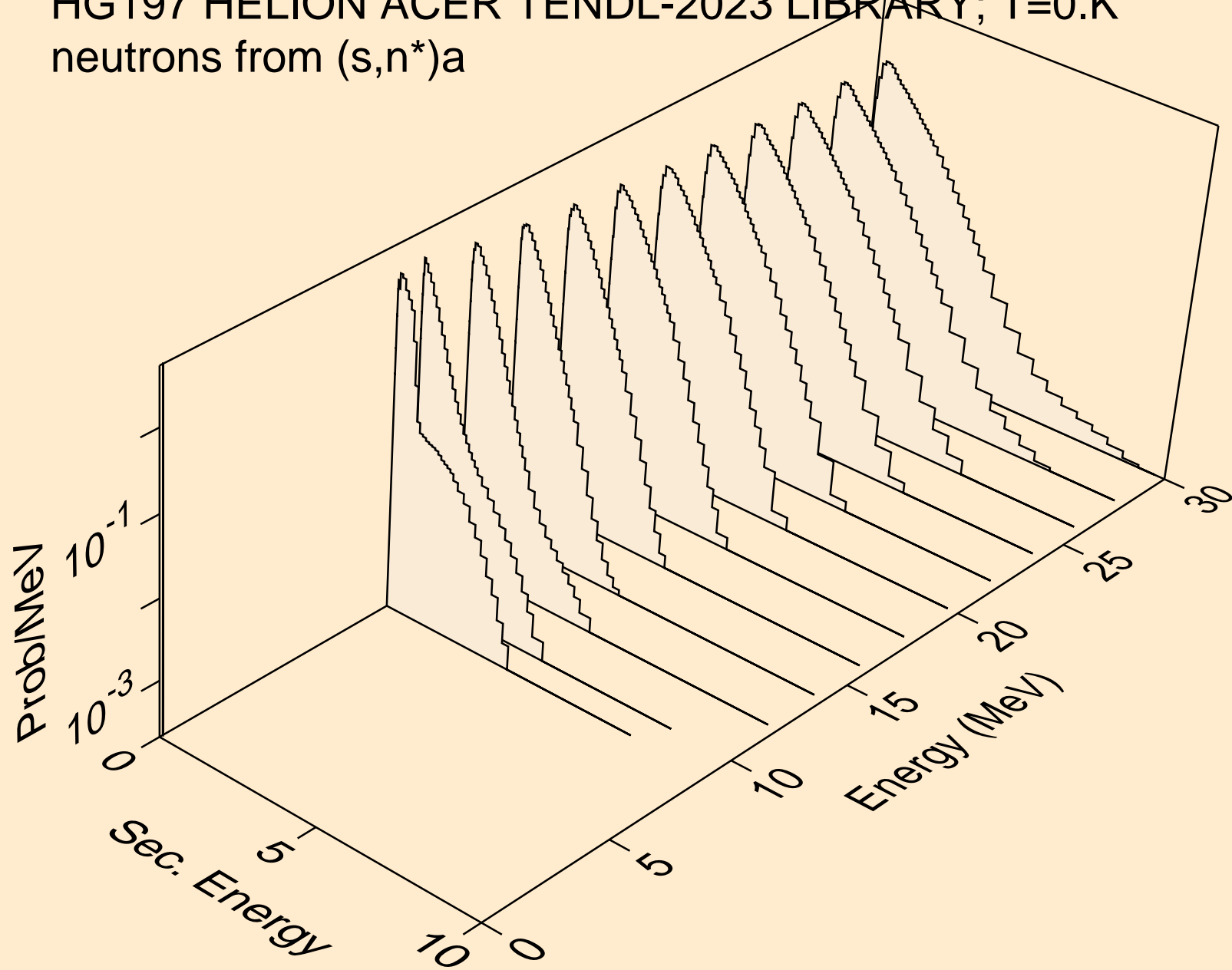
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)



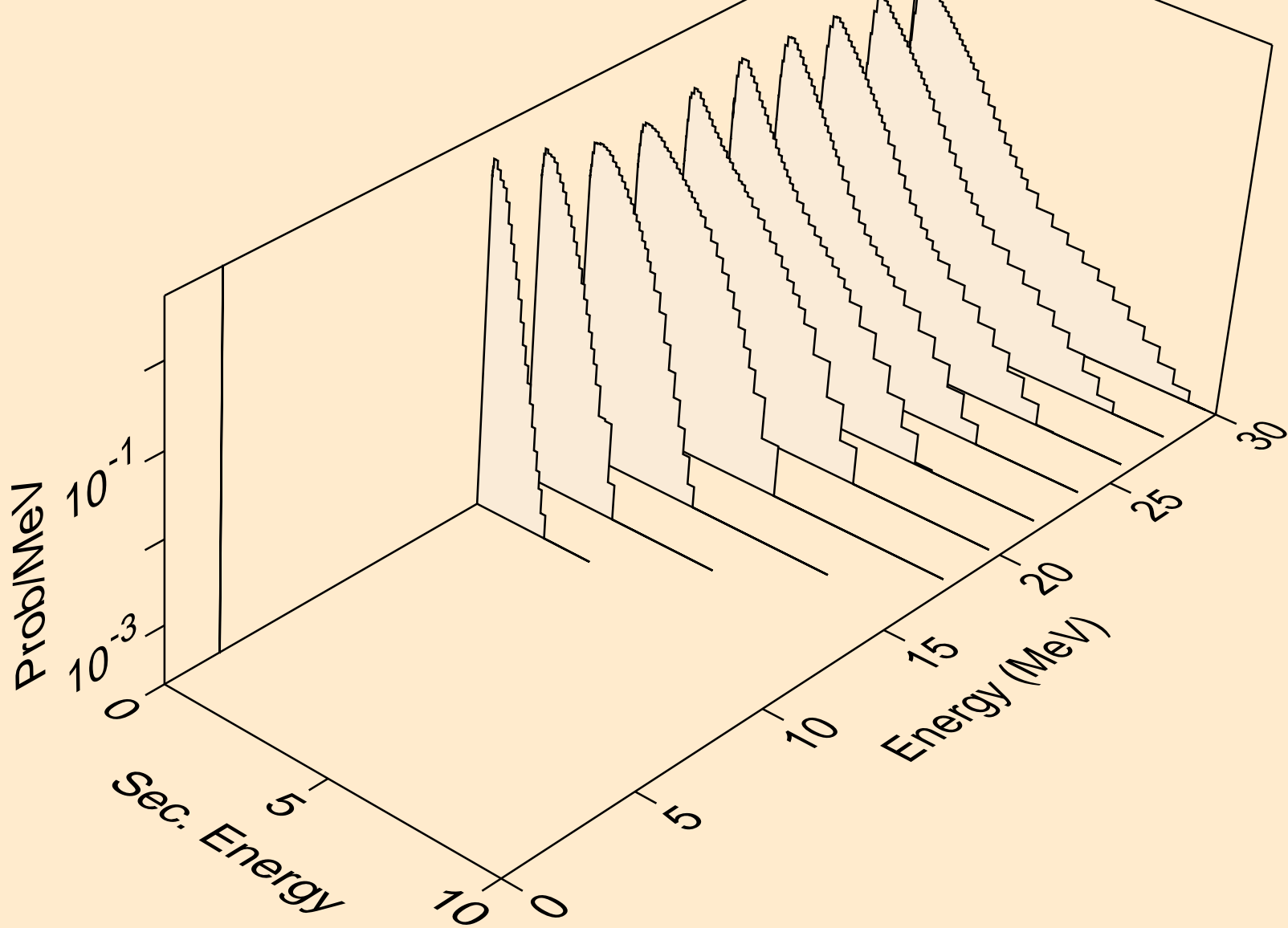
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)



HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)a

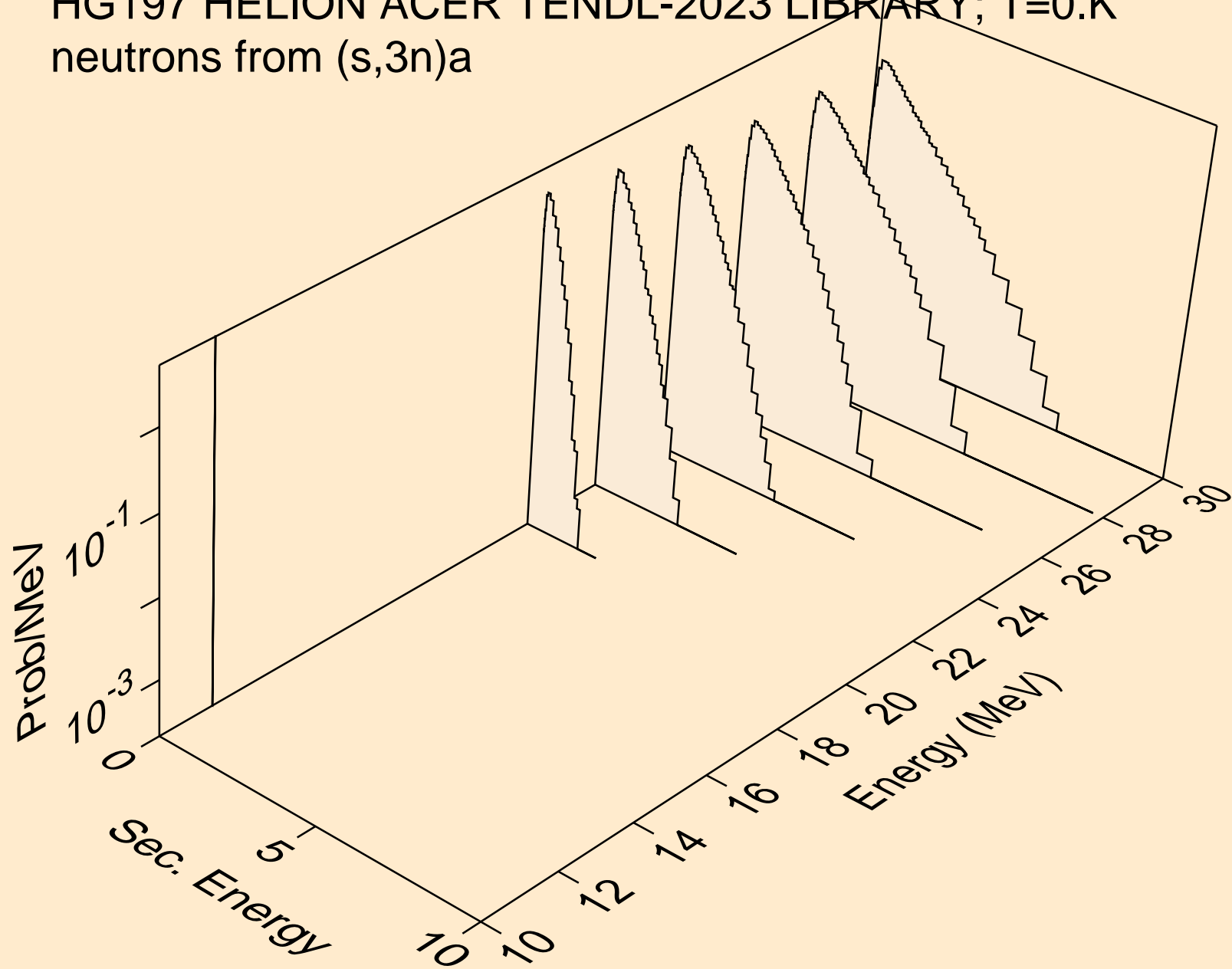


HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2n)a

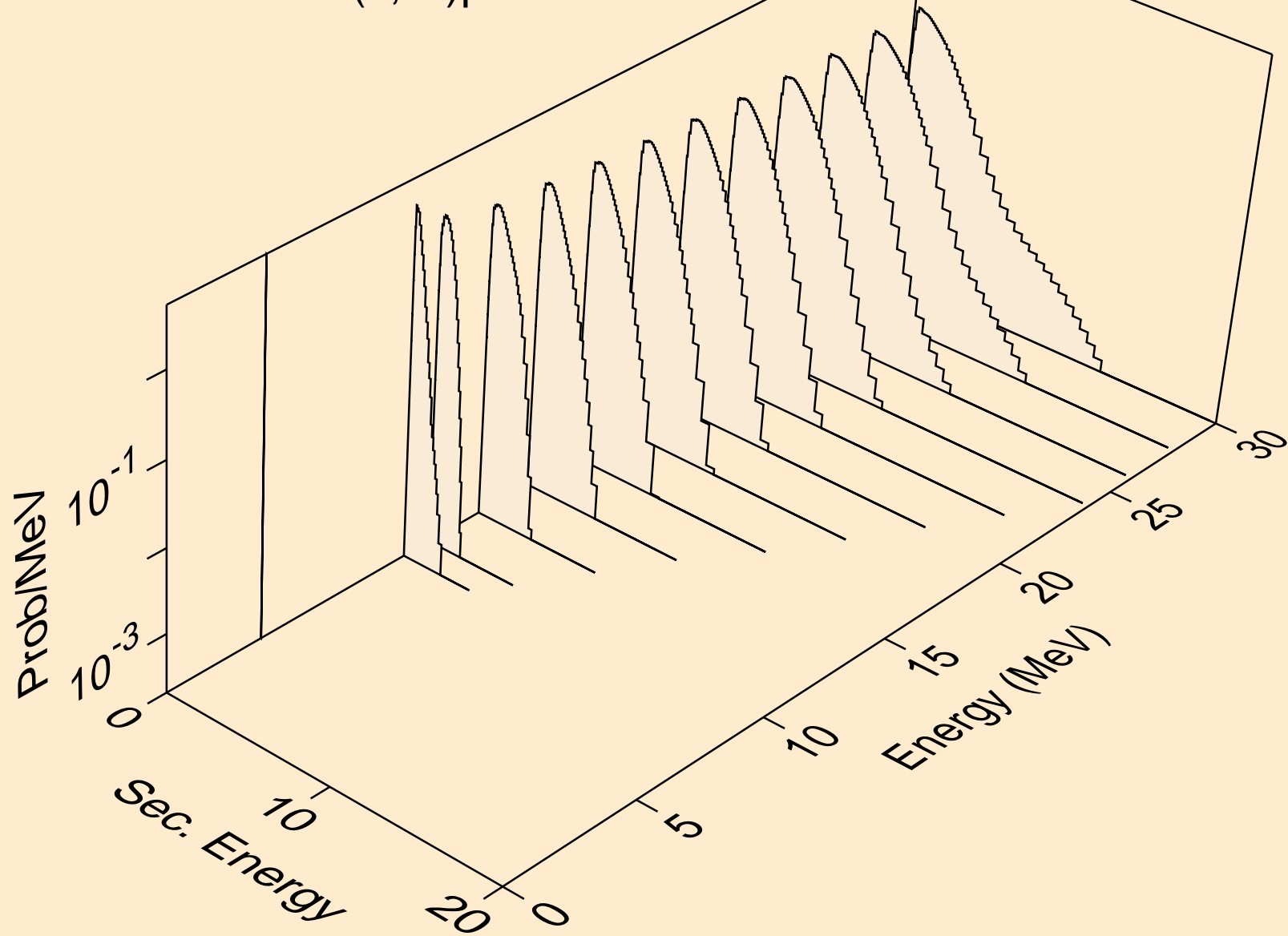




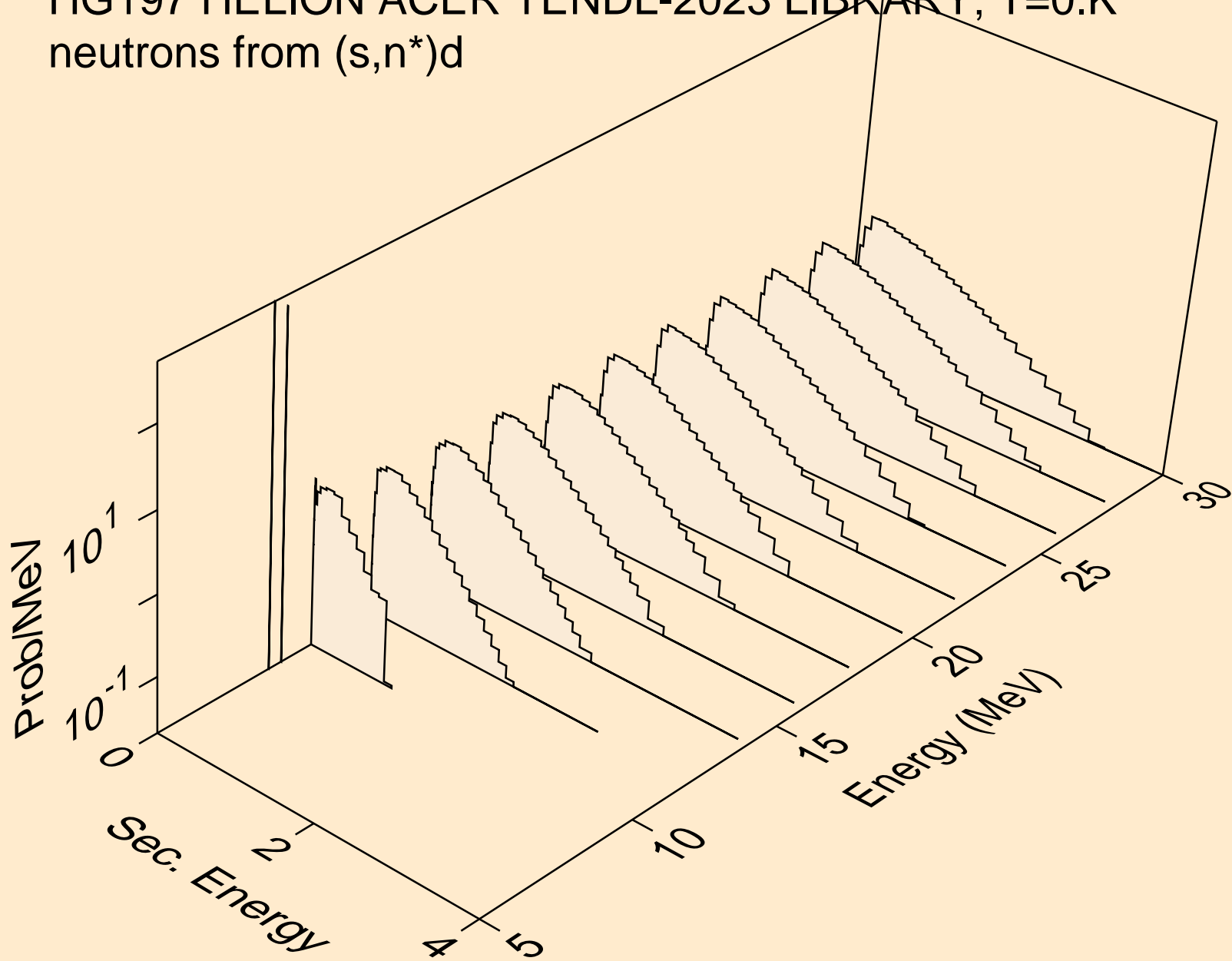
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,3n)a



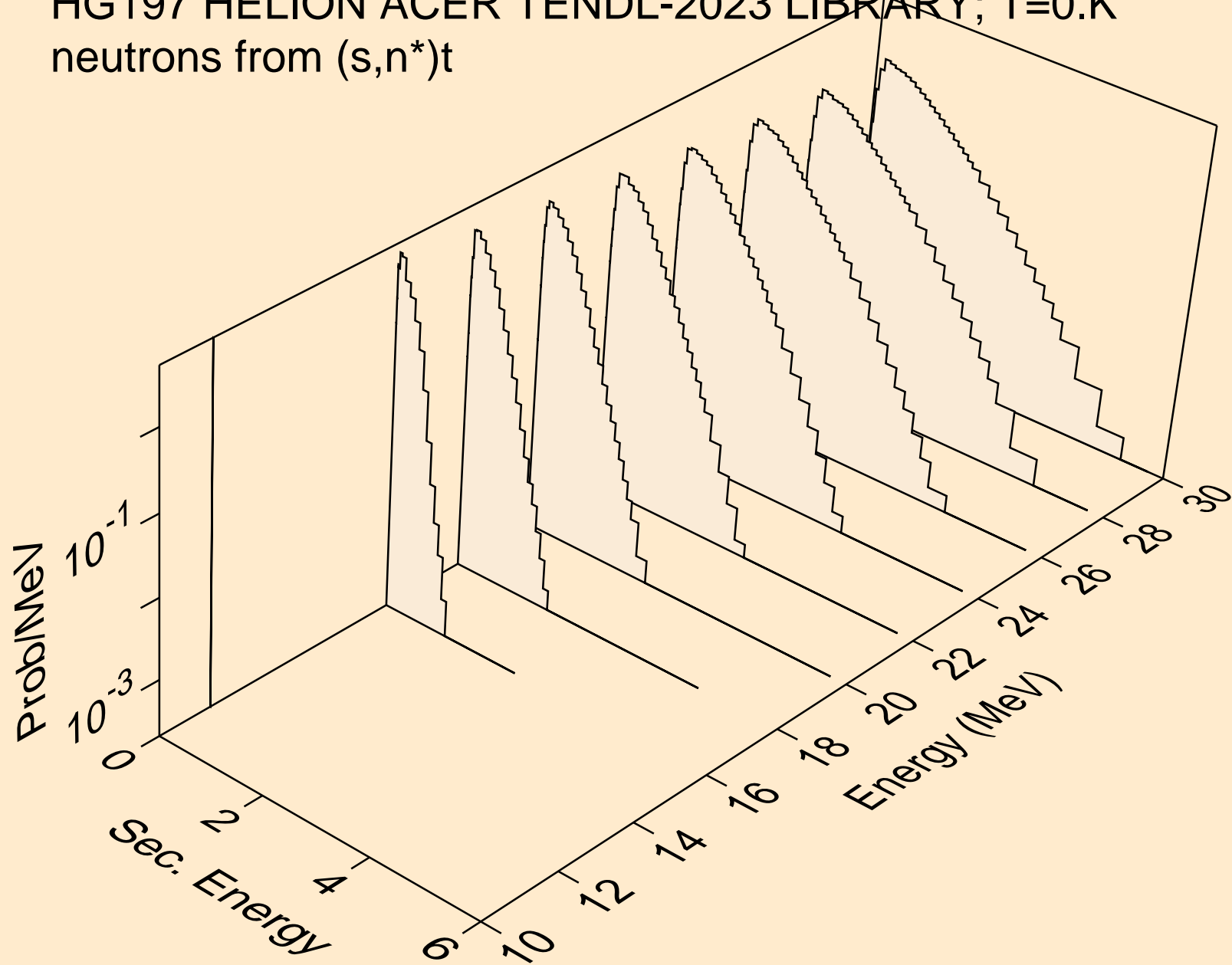
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,n\*)p



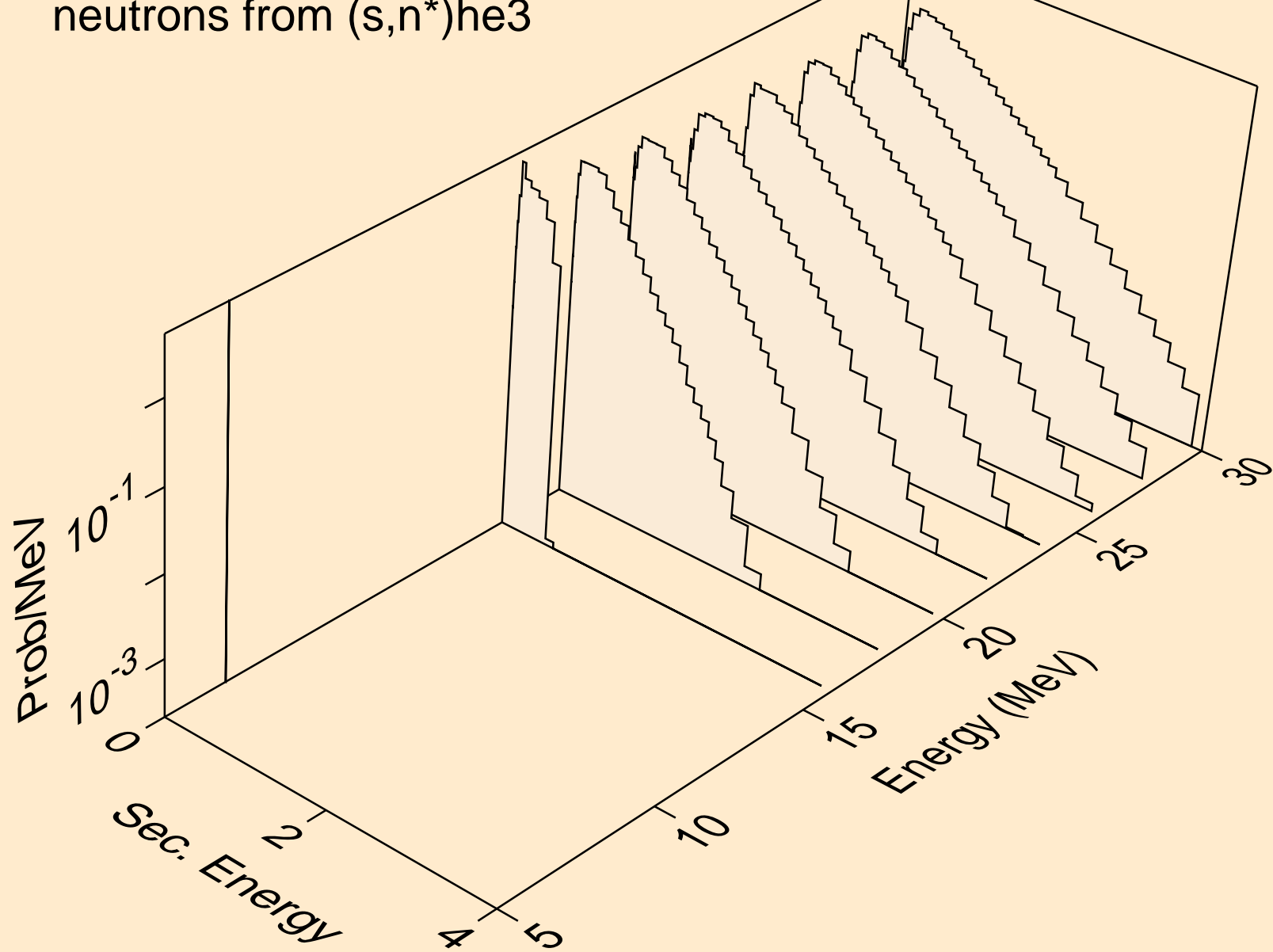
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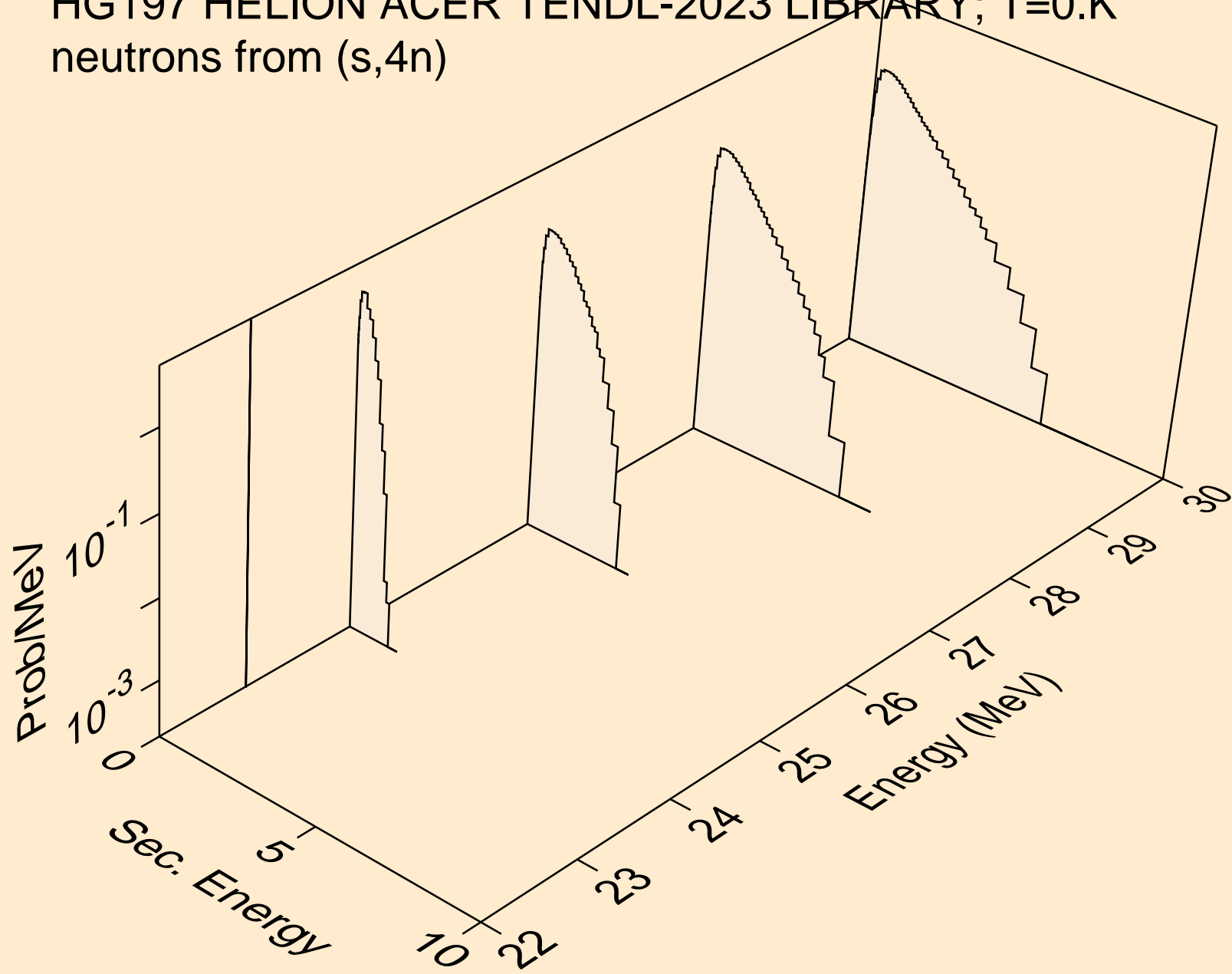
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neutrons from (s,n\*)t



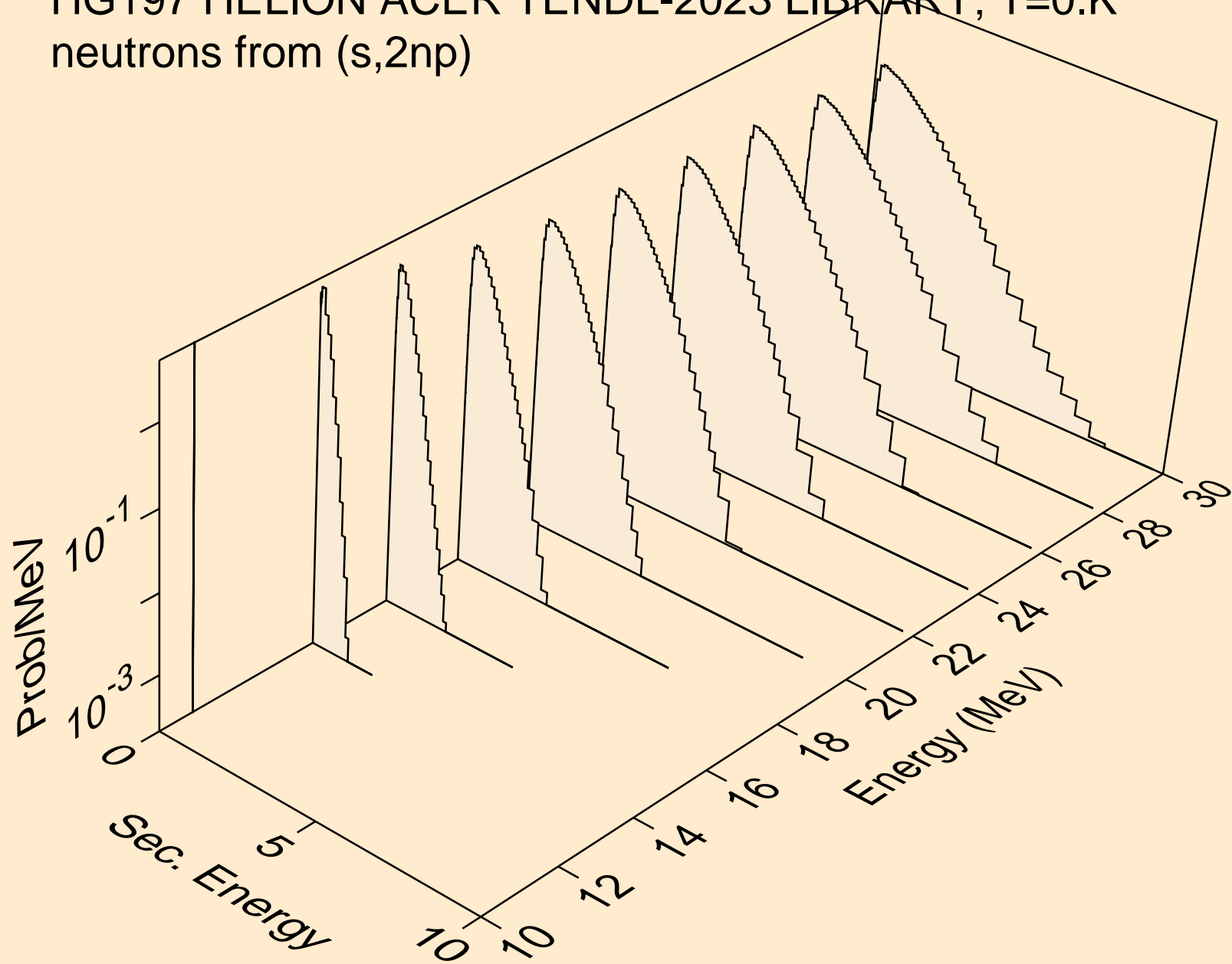
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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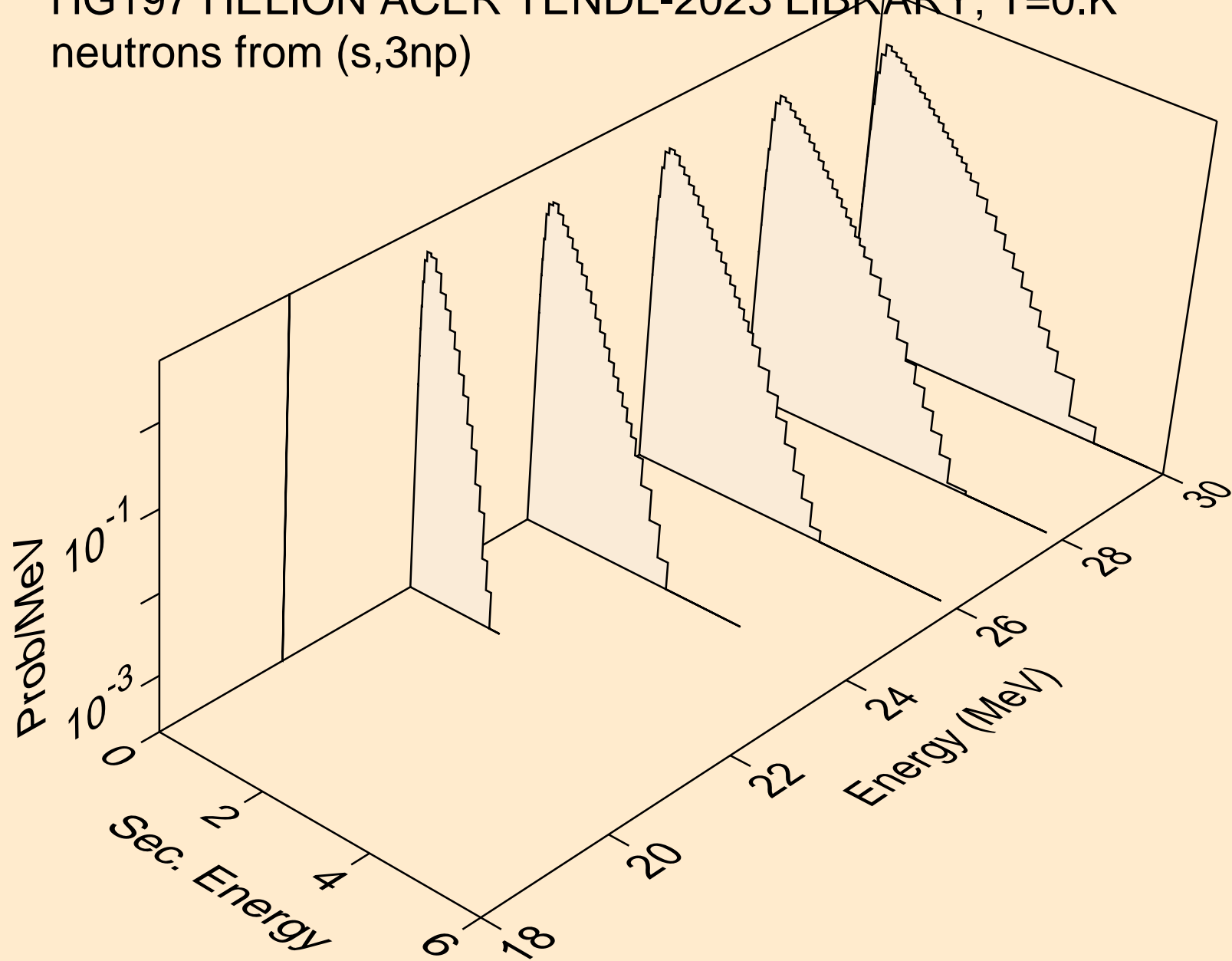
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,4n)



HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (s,2np)

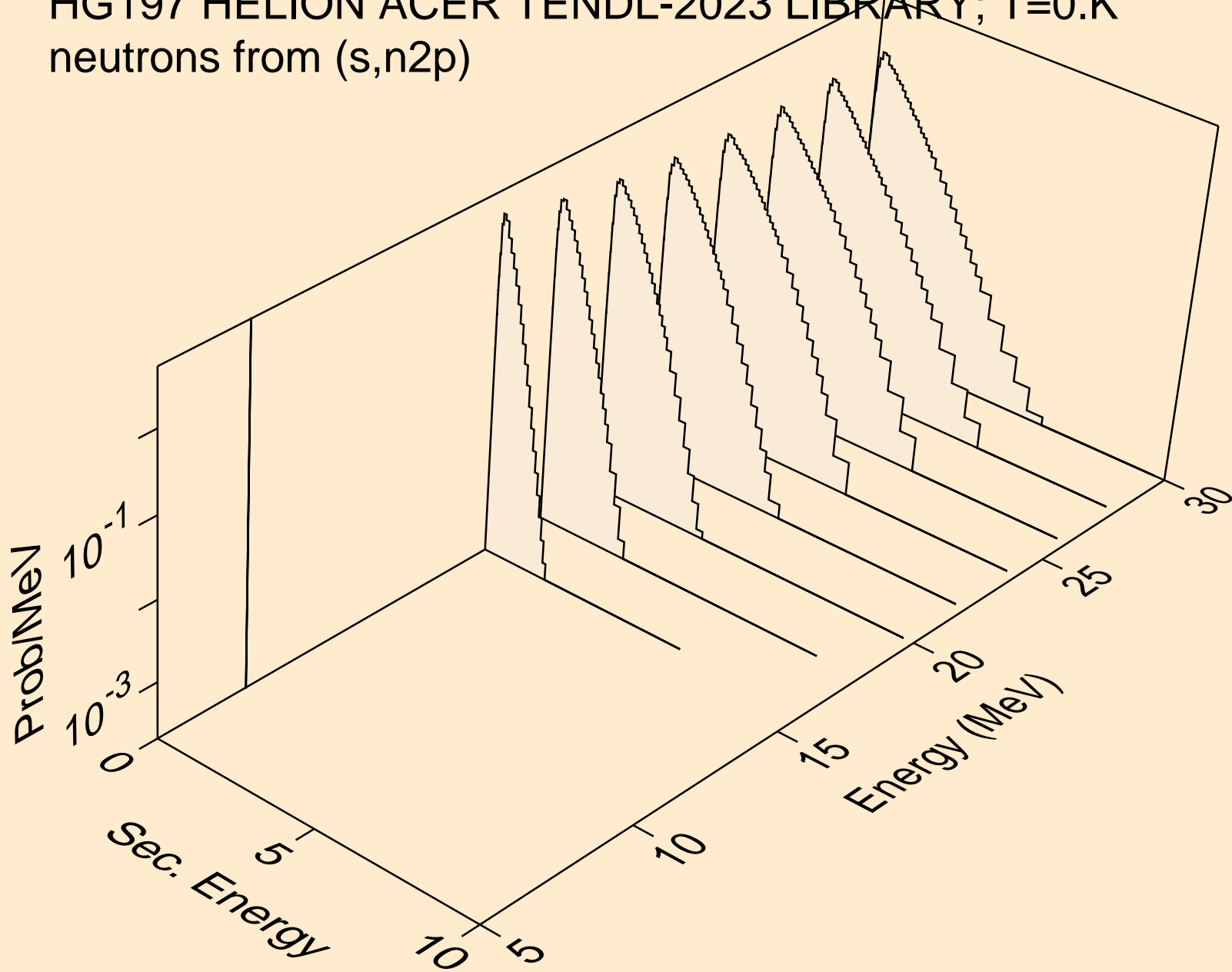


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neutrons from (s,3np)

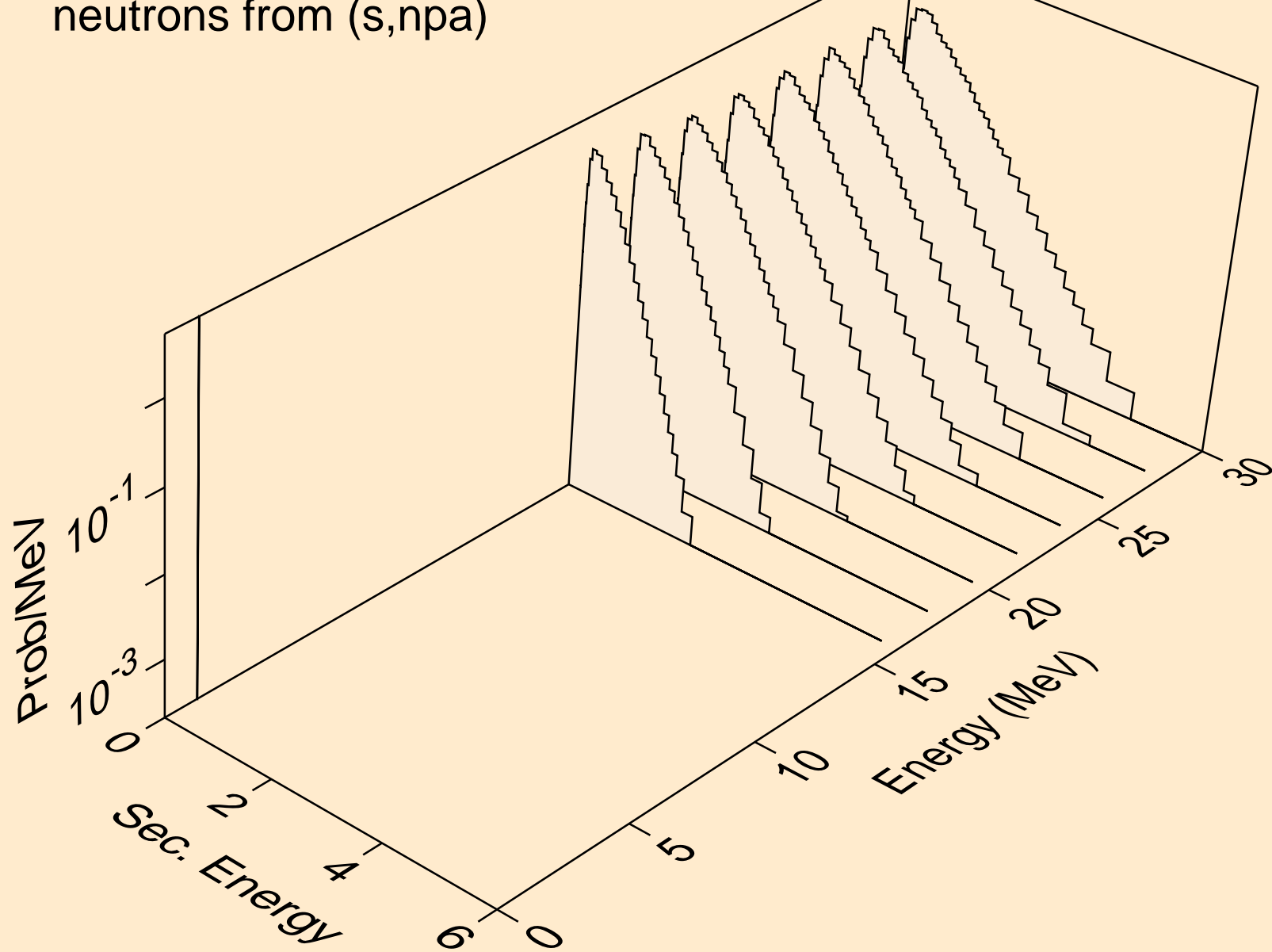




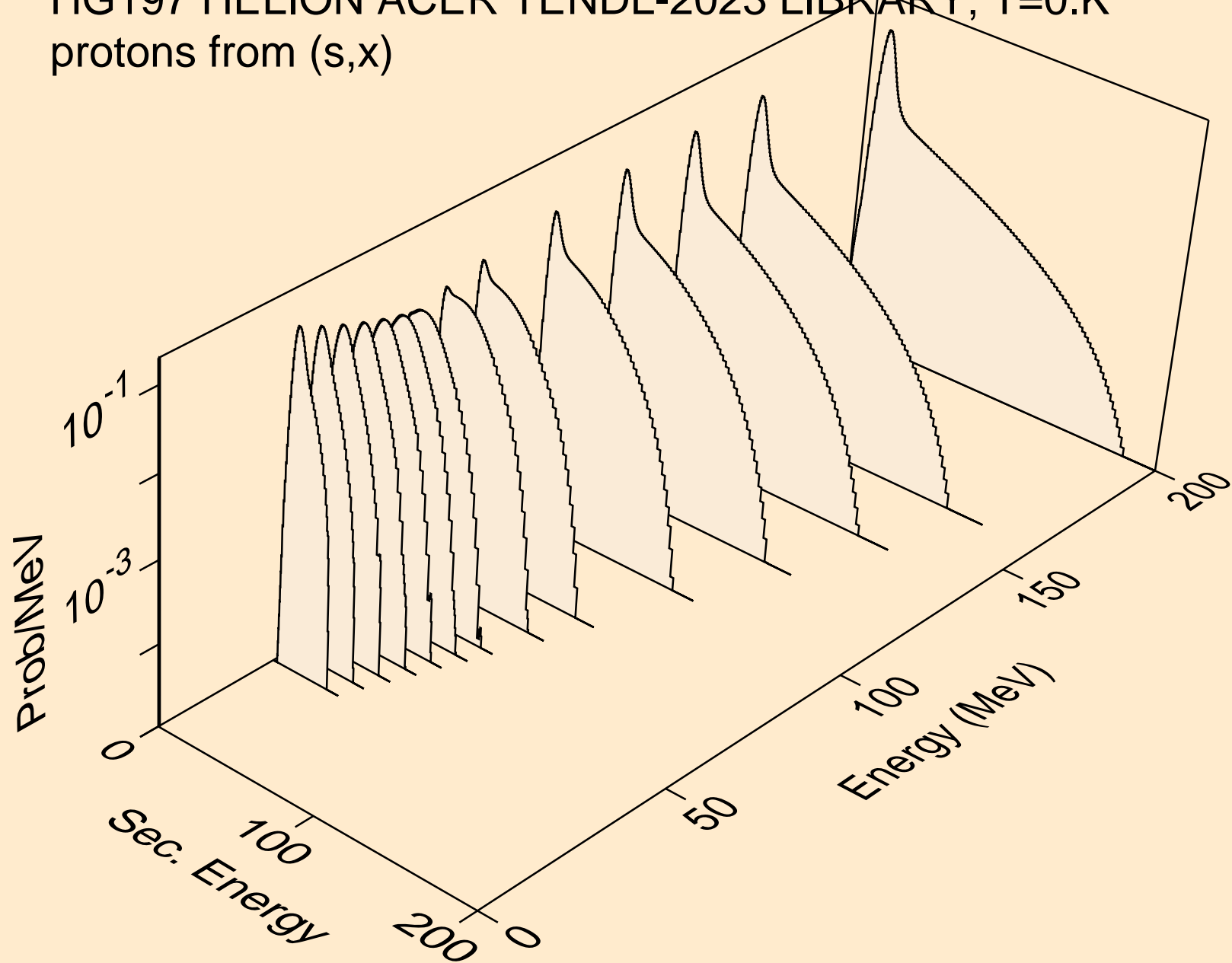
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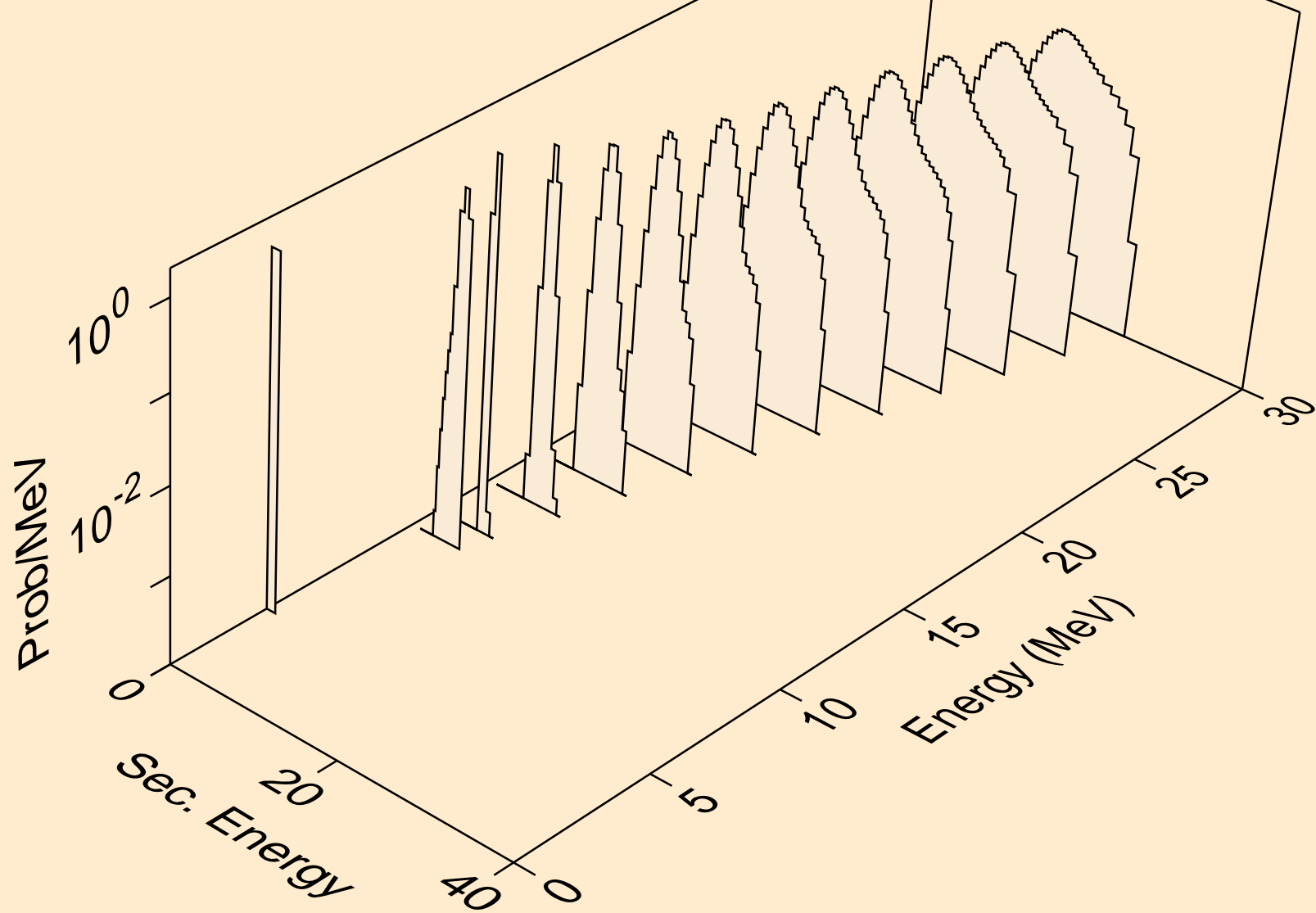
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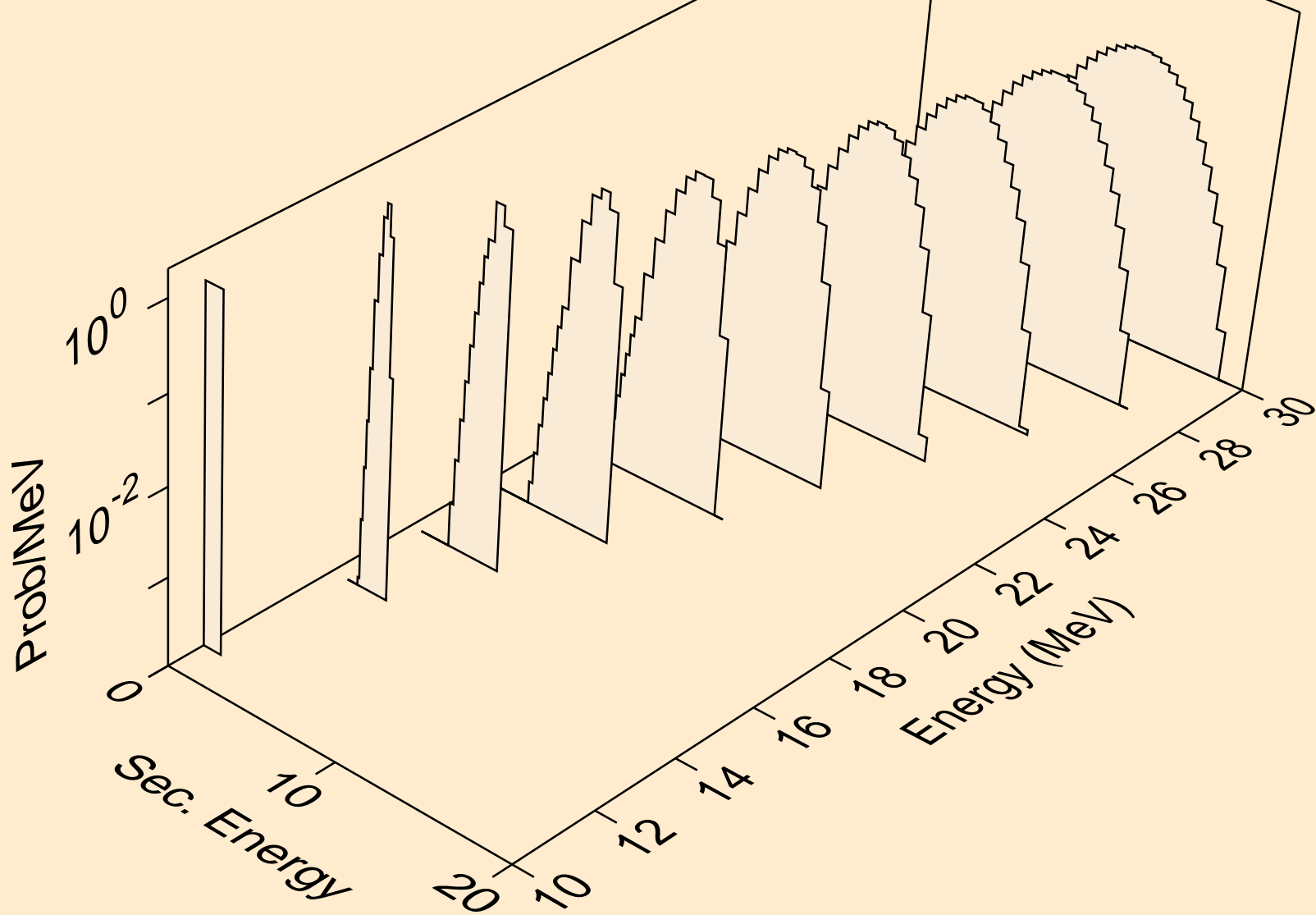
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,x)



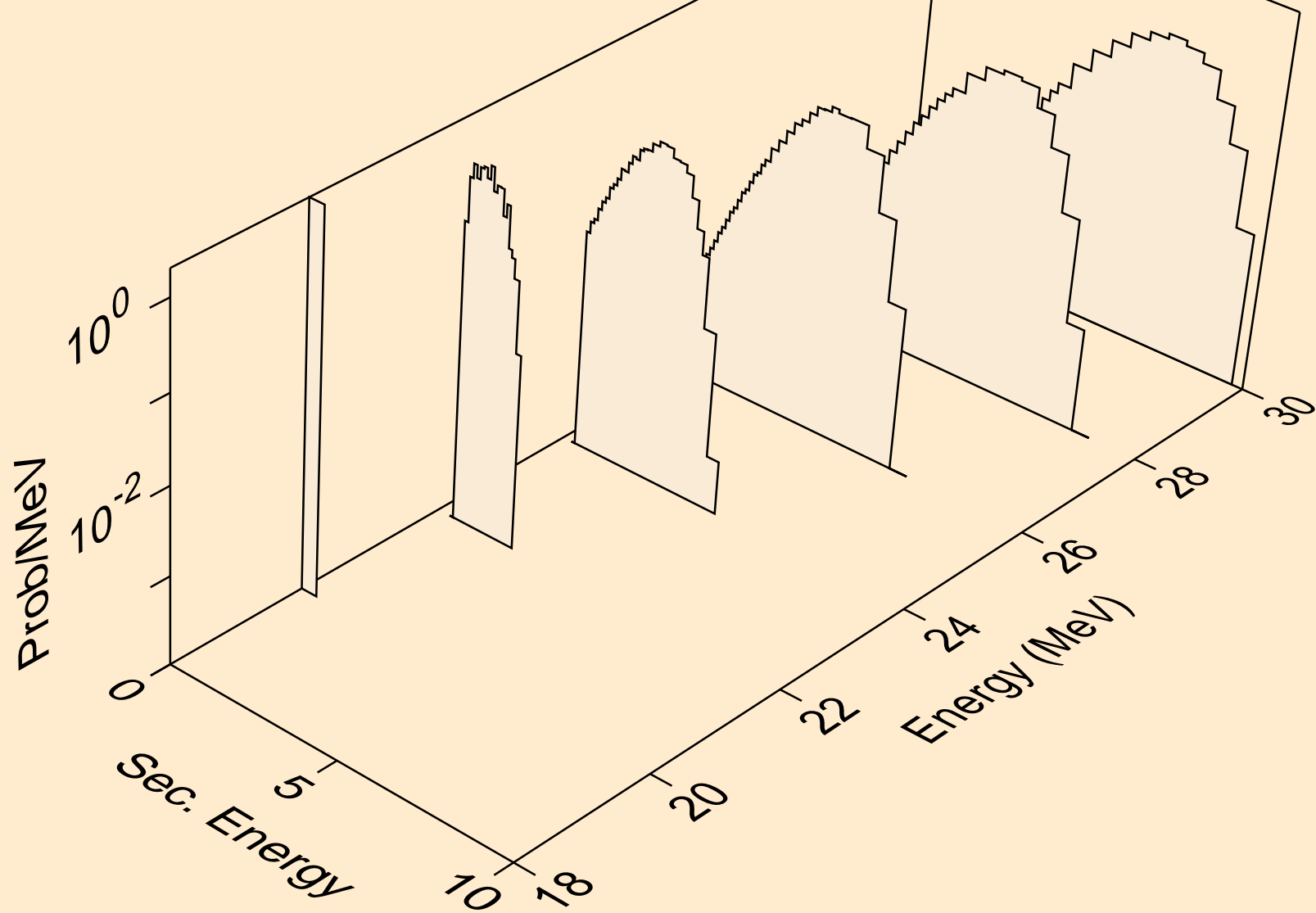
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n\*)p



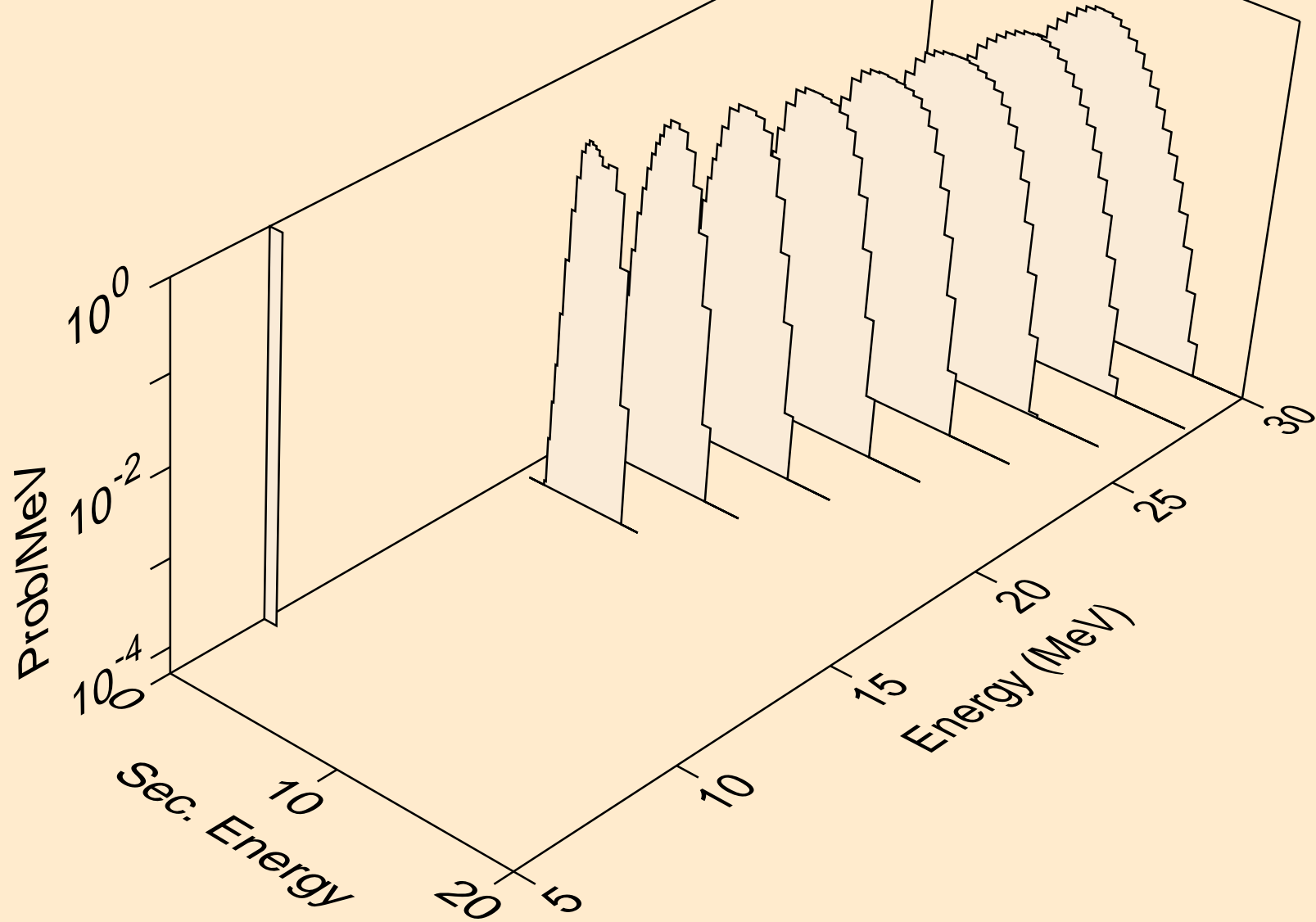
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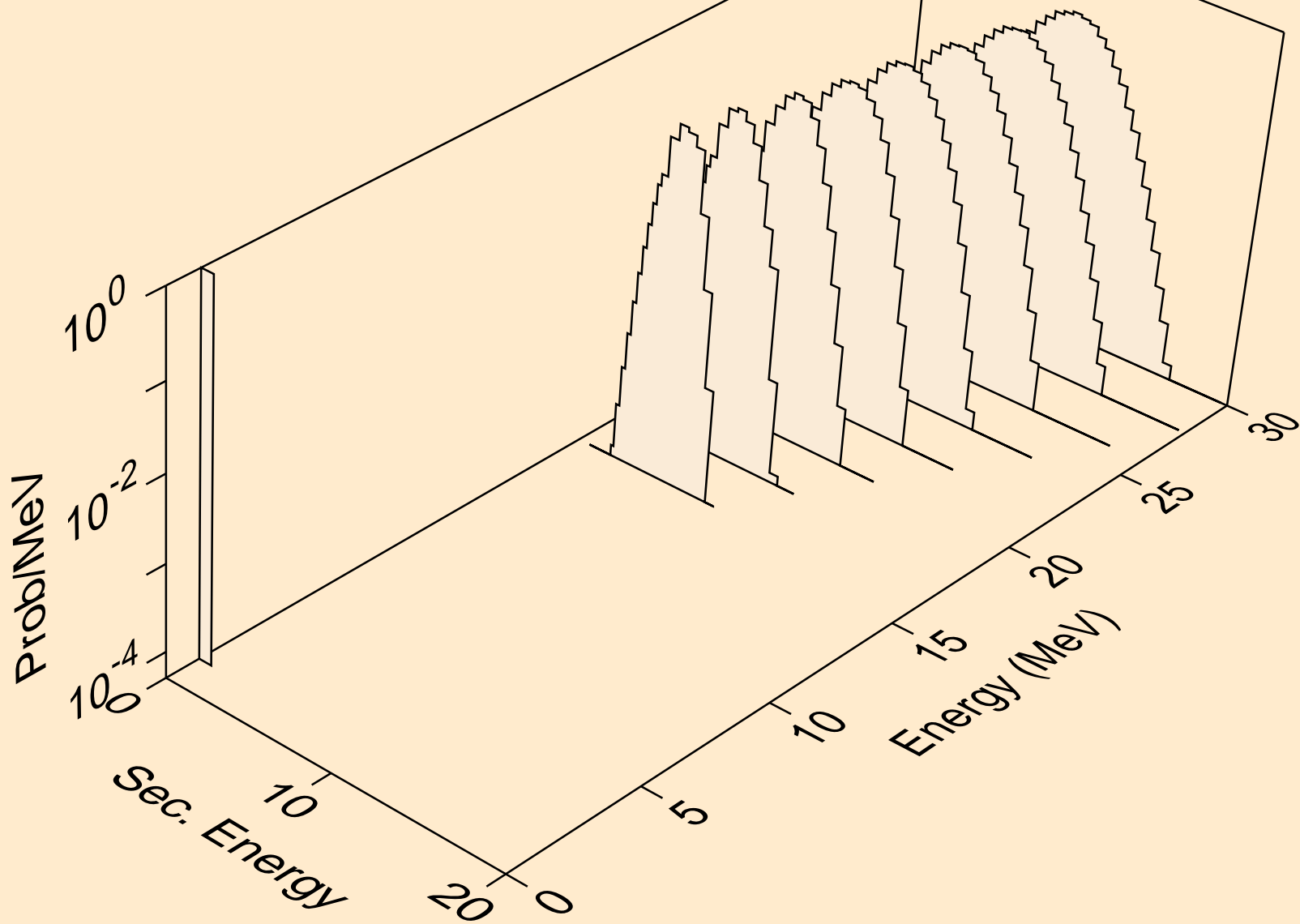
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,3np)



HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,n2p)

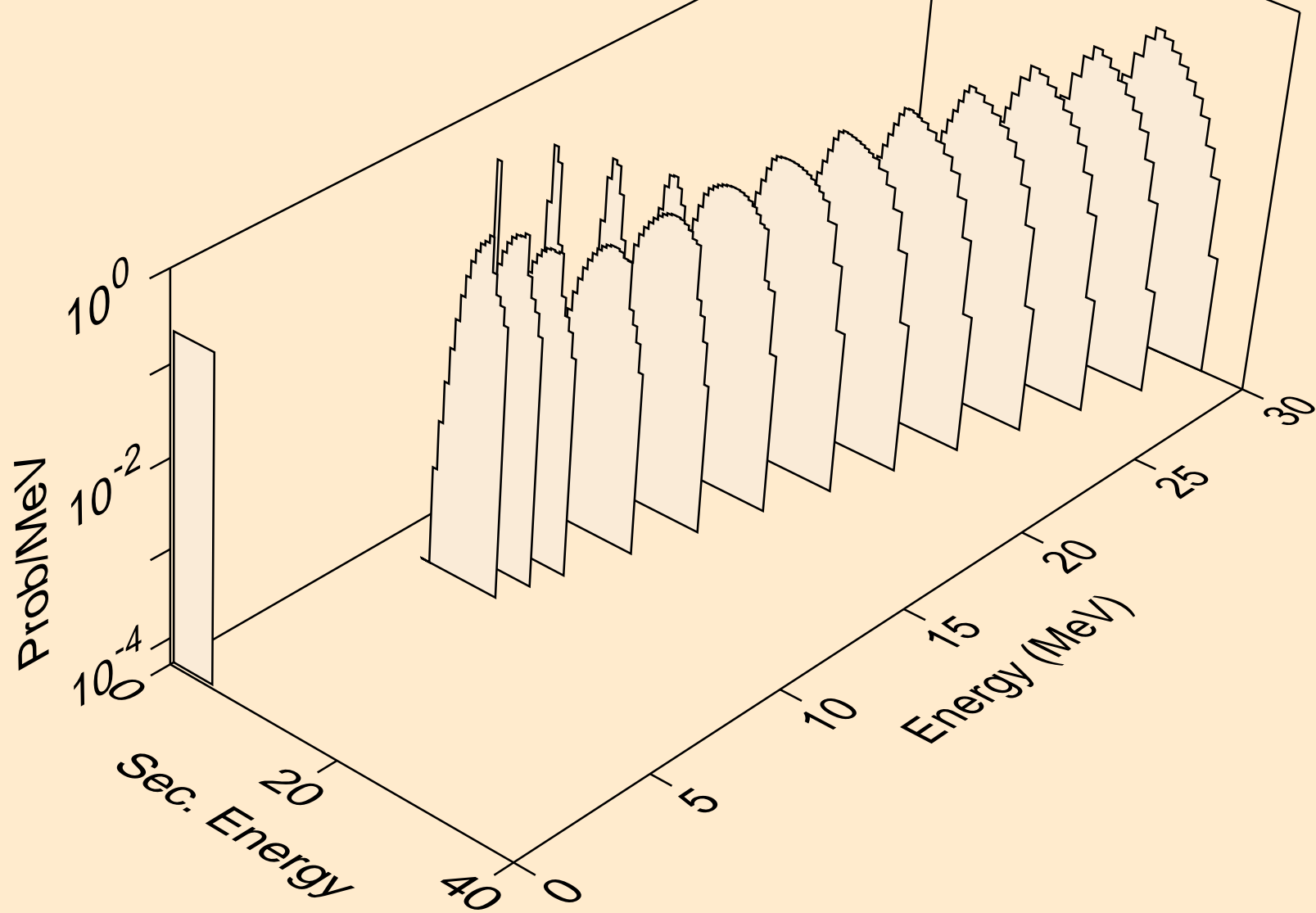


HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
protons from (s,npa)

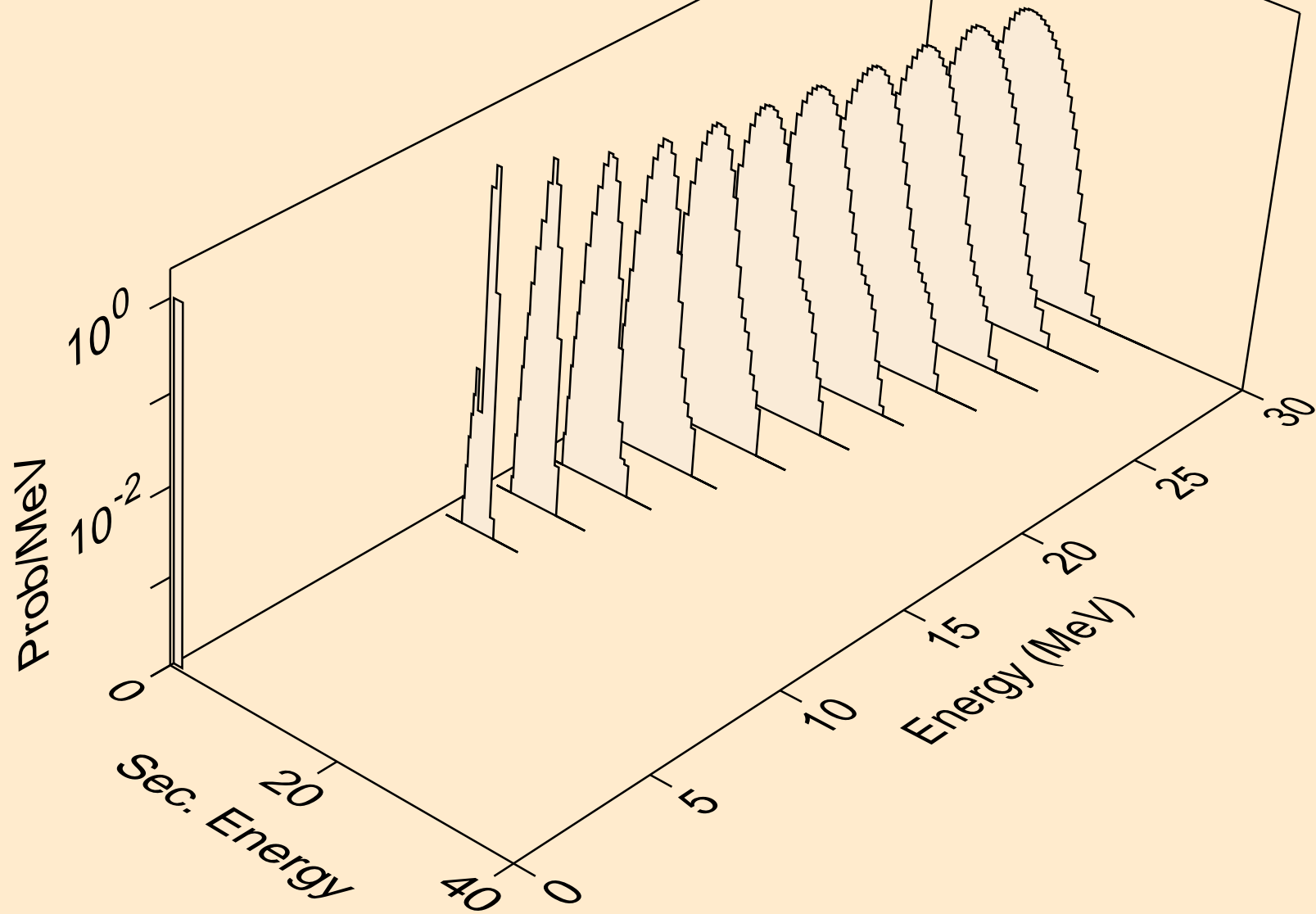




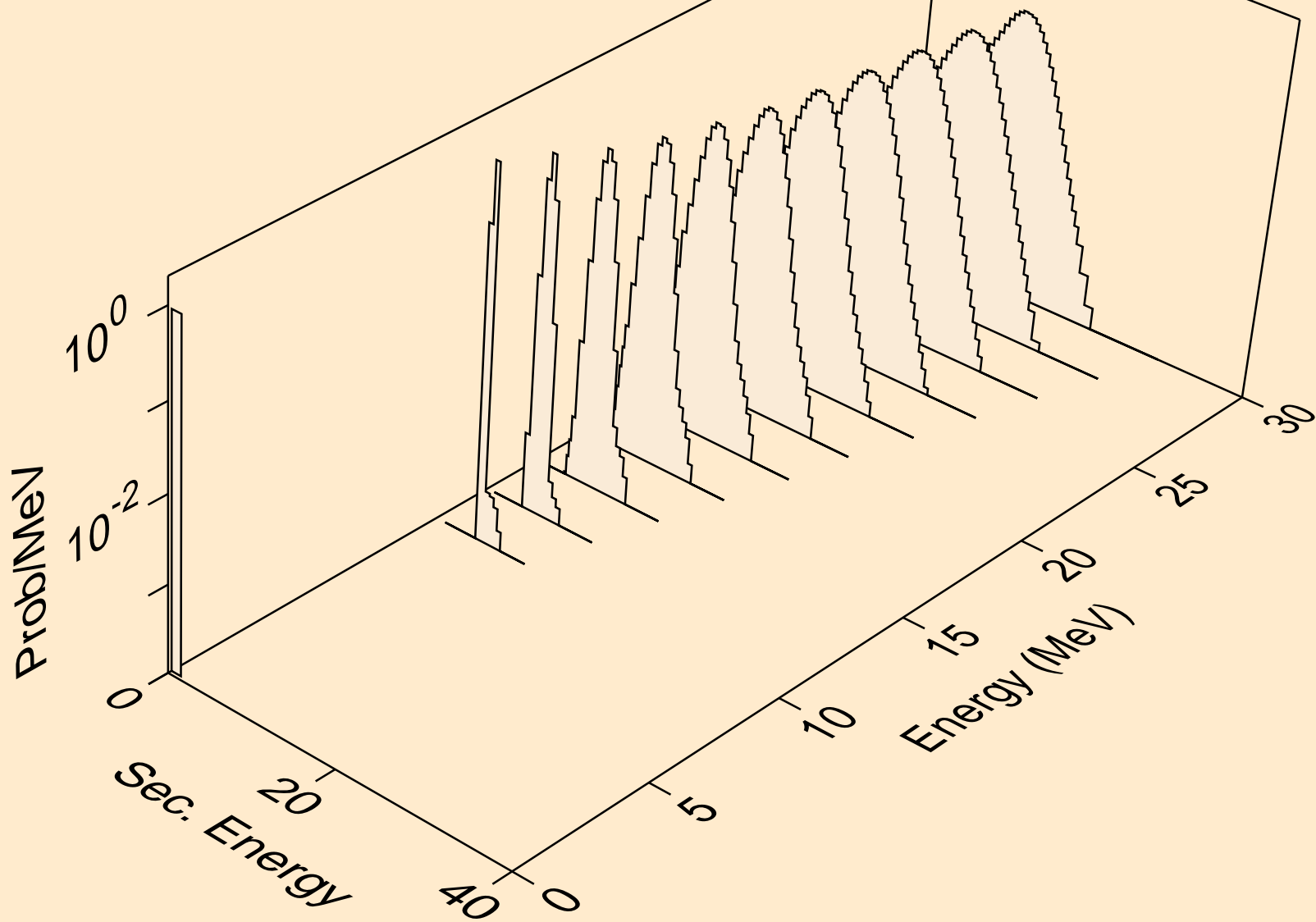
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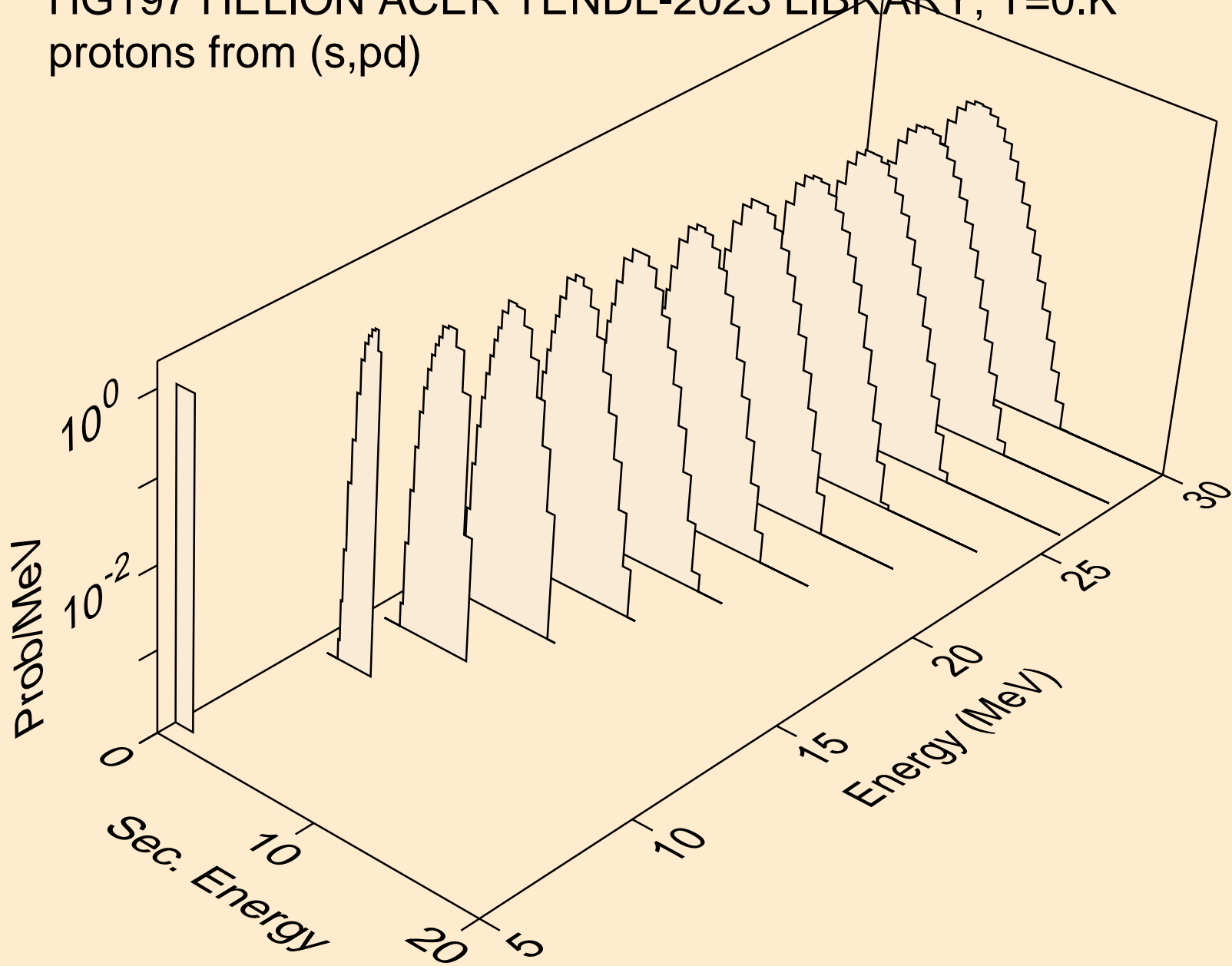
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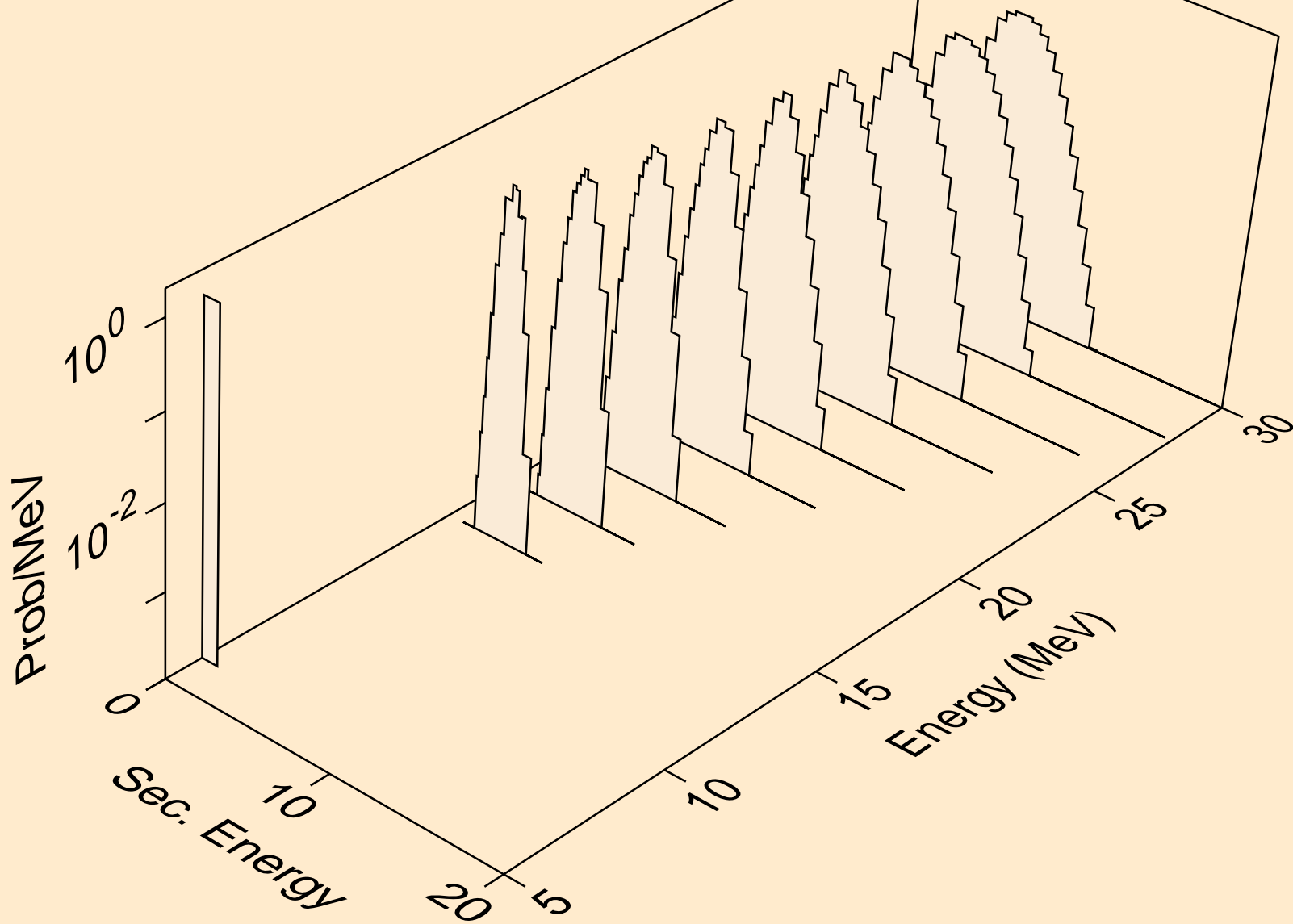
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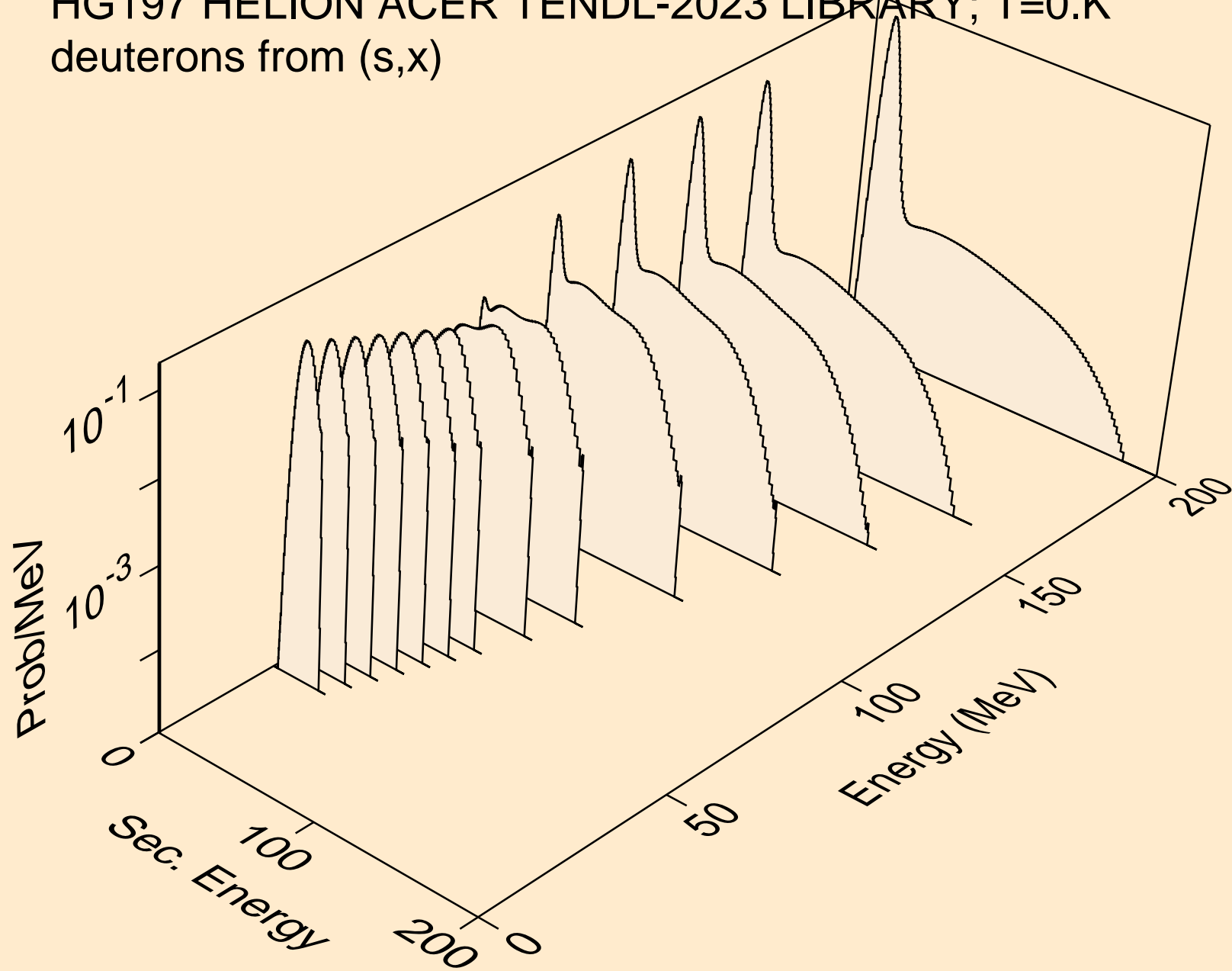
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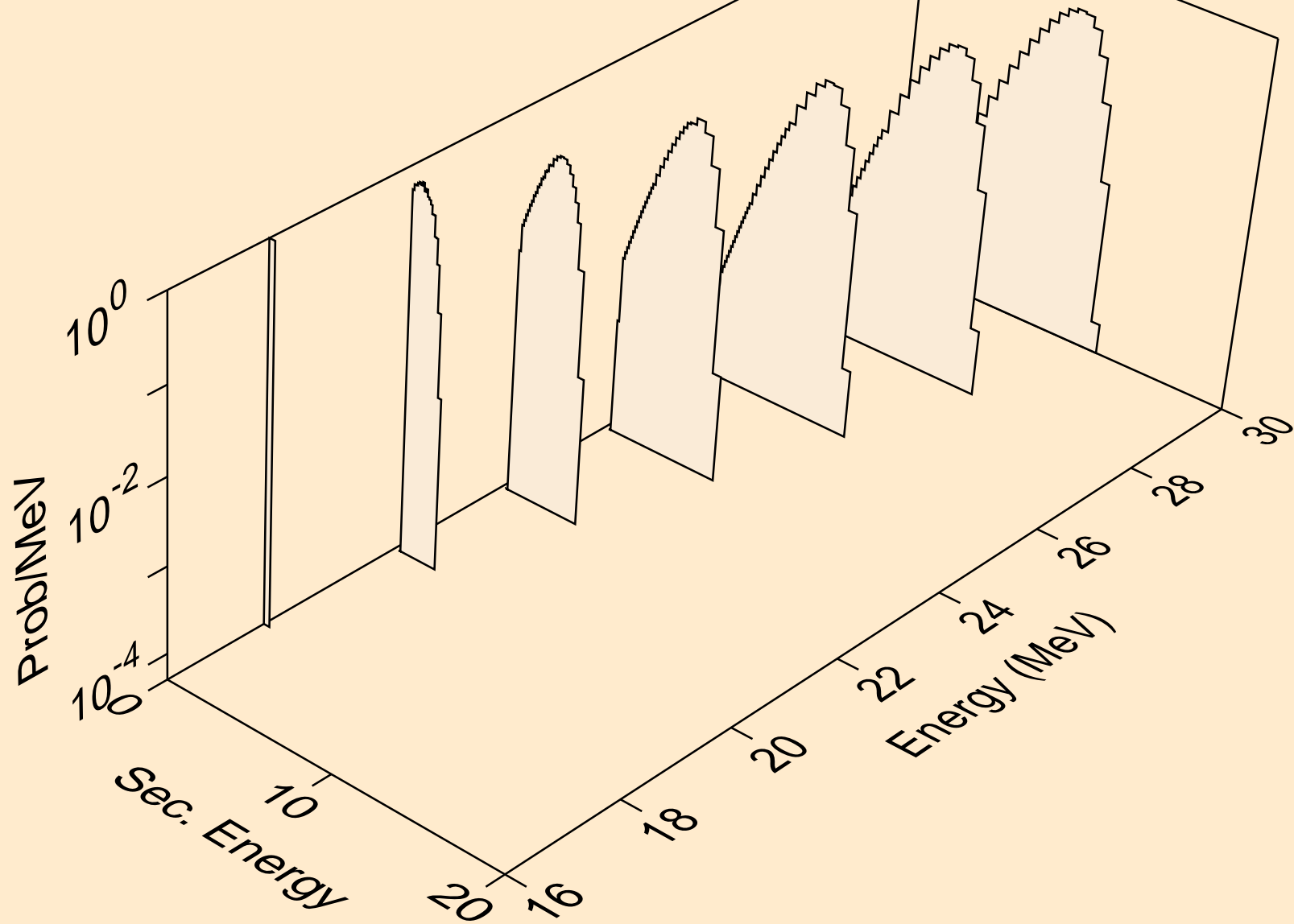
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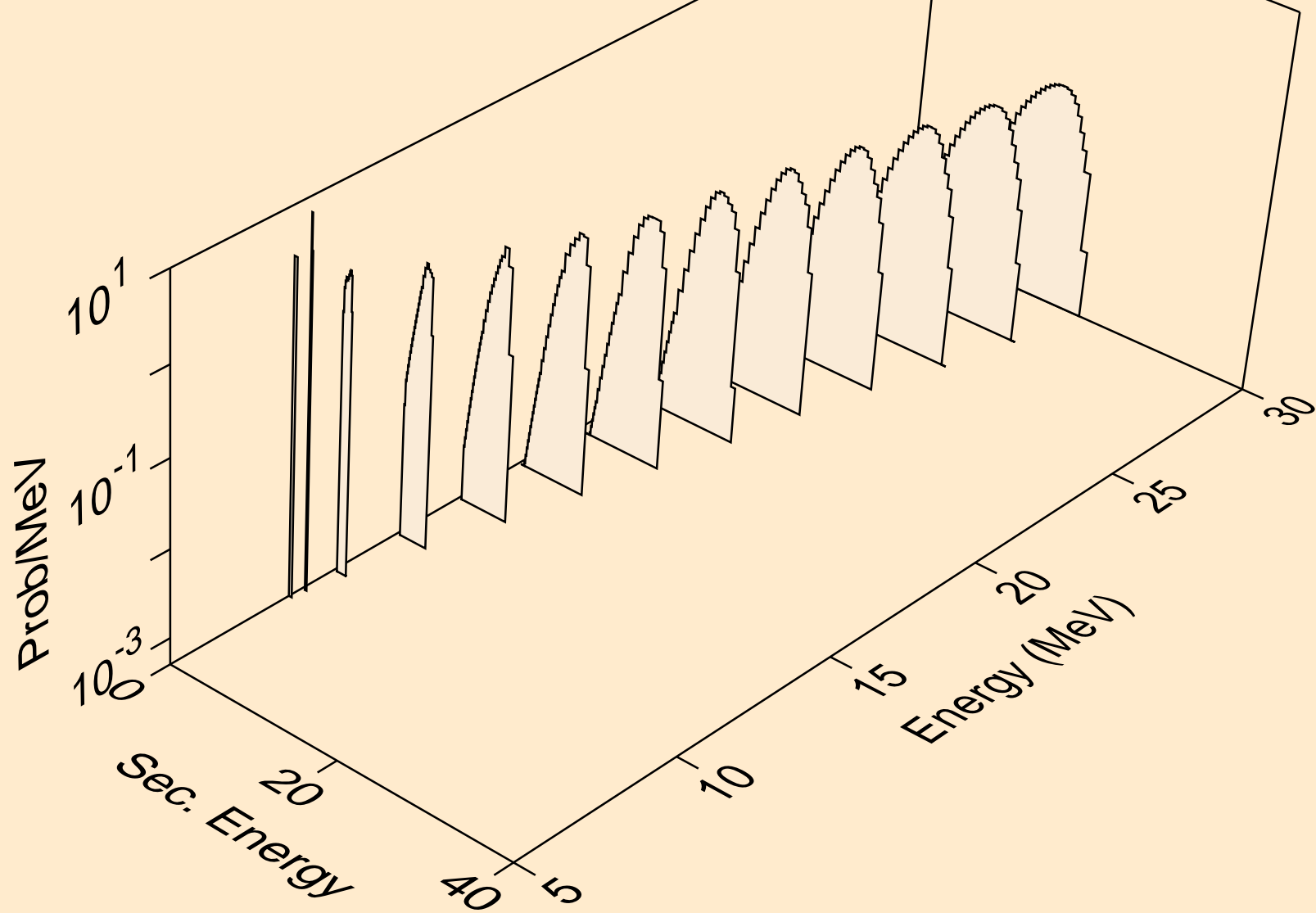
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (s,x)



HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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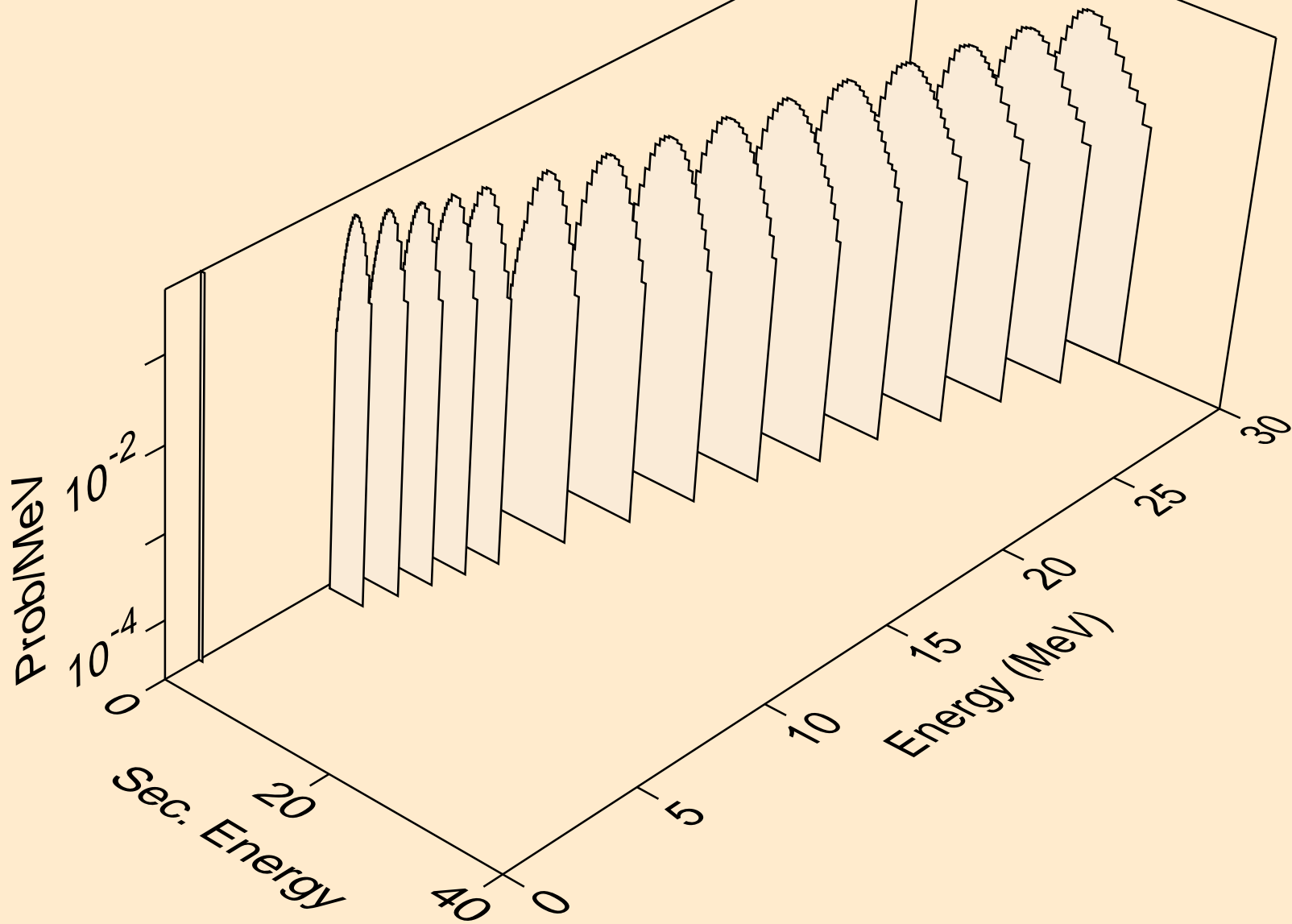


HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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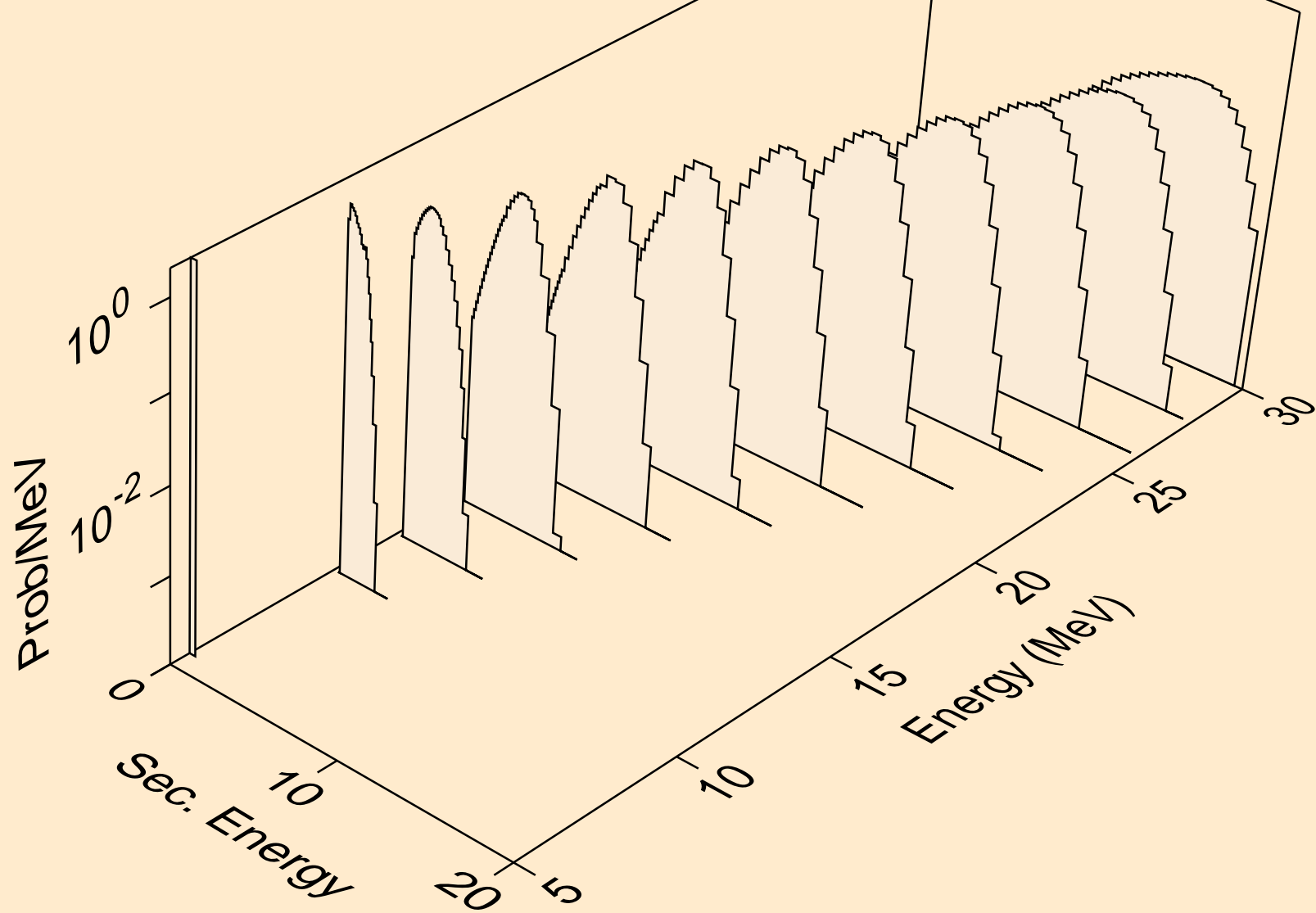




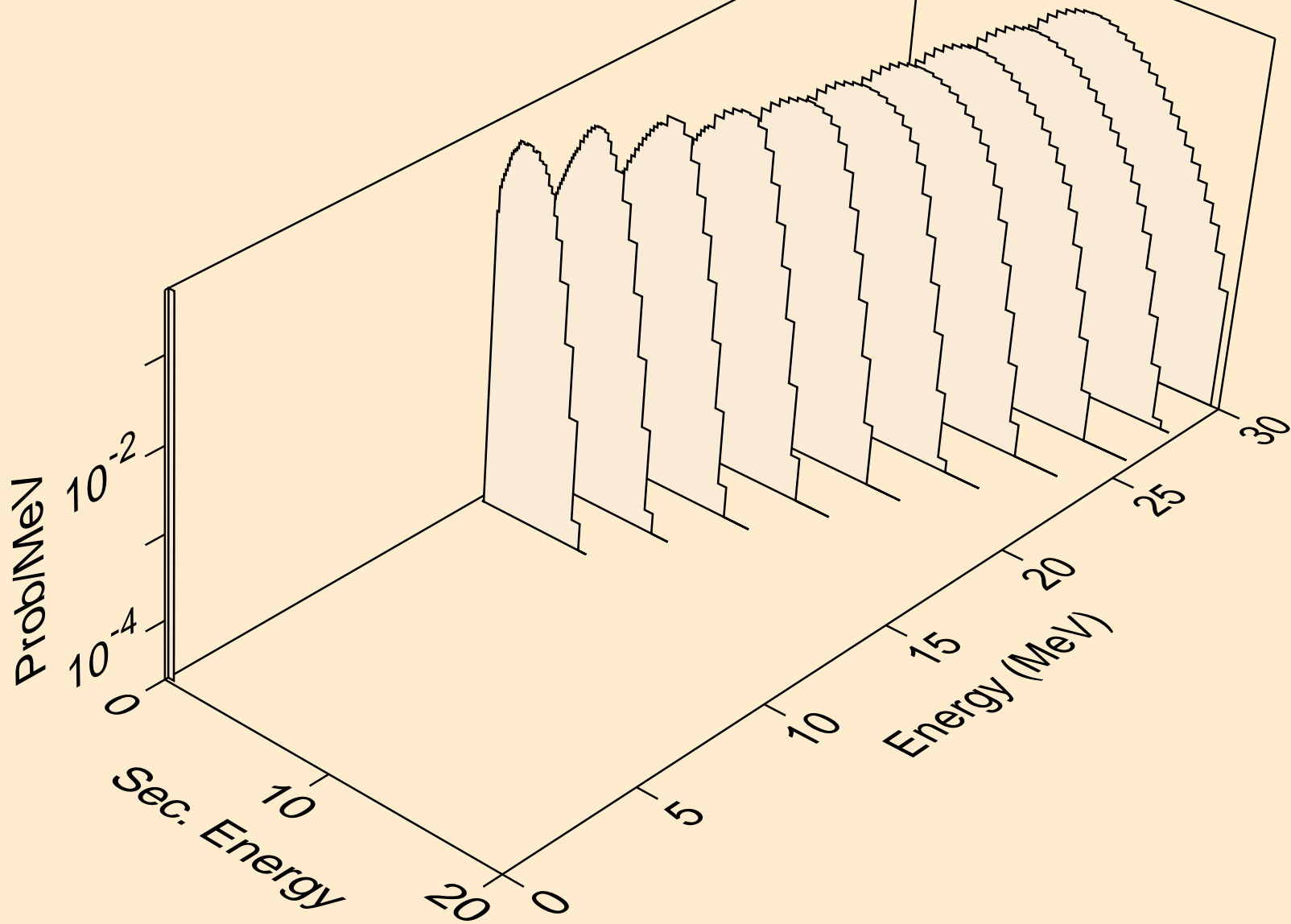
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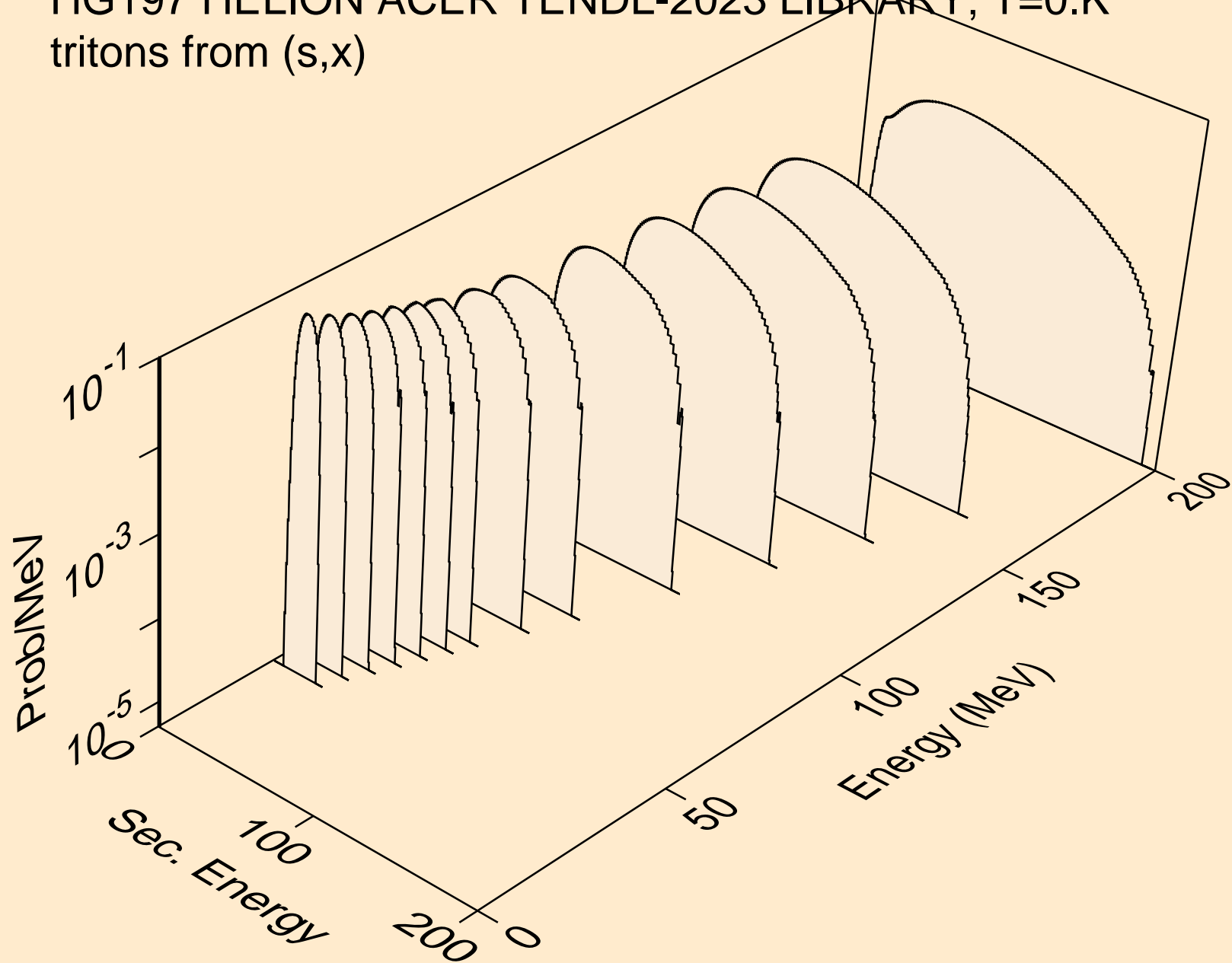
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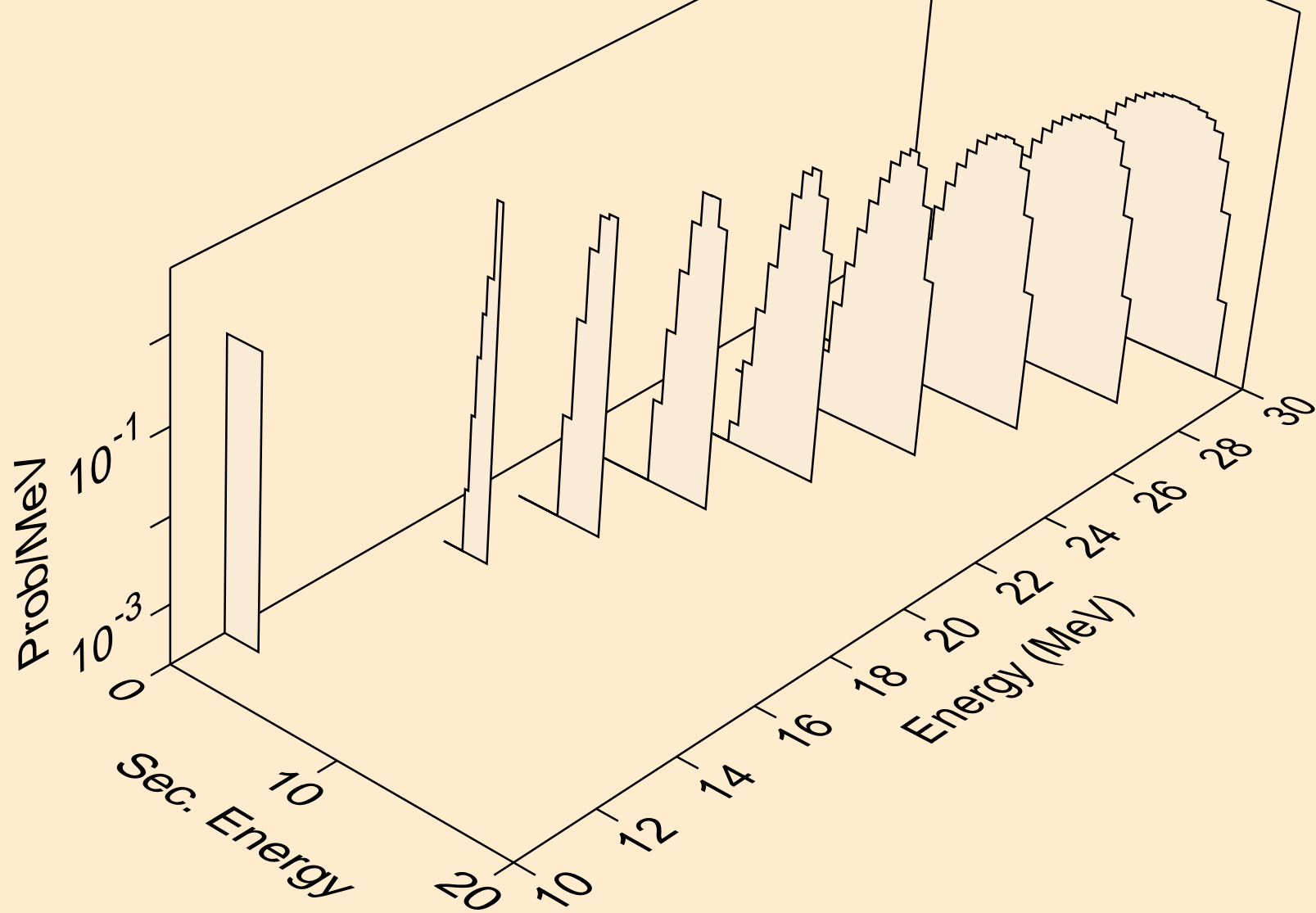
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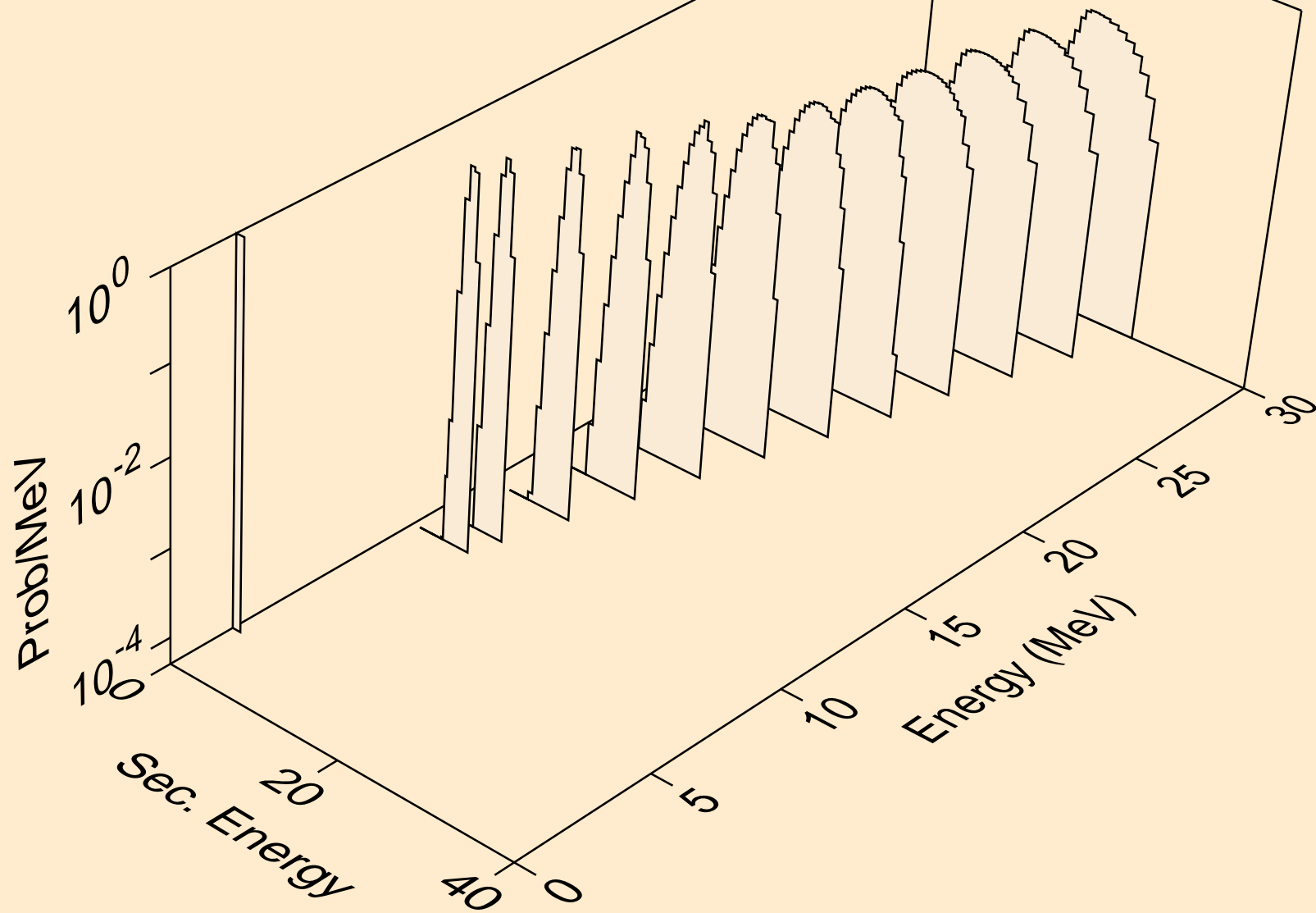
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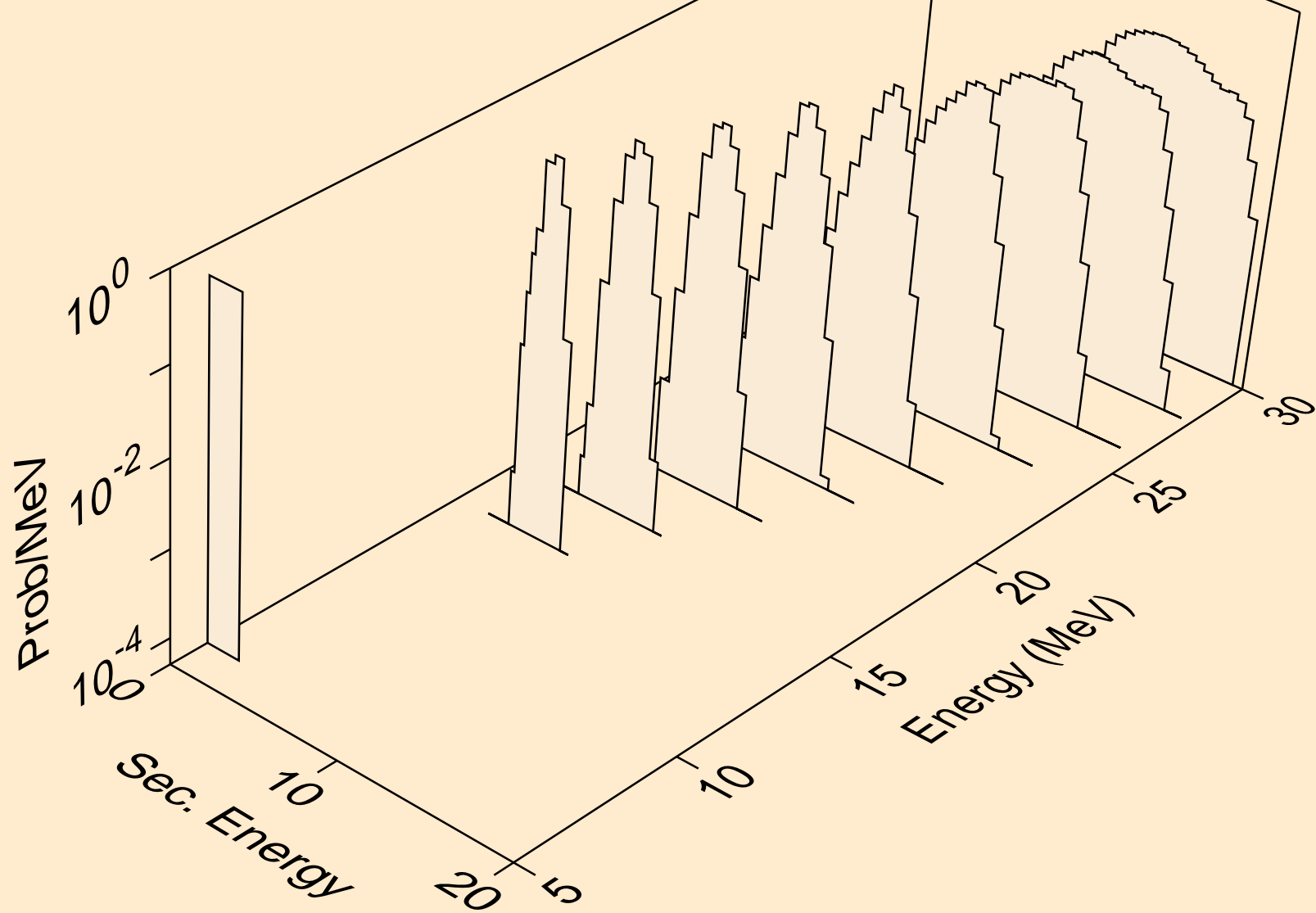
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,n\*)t



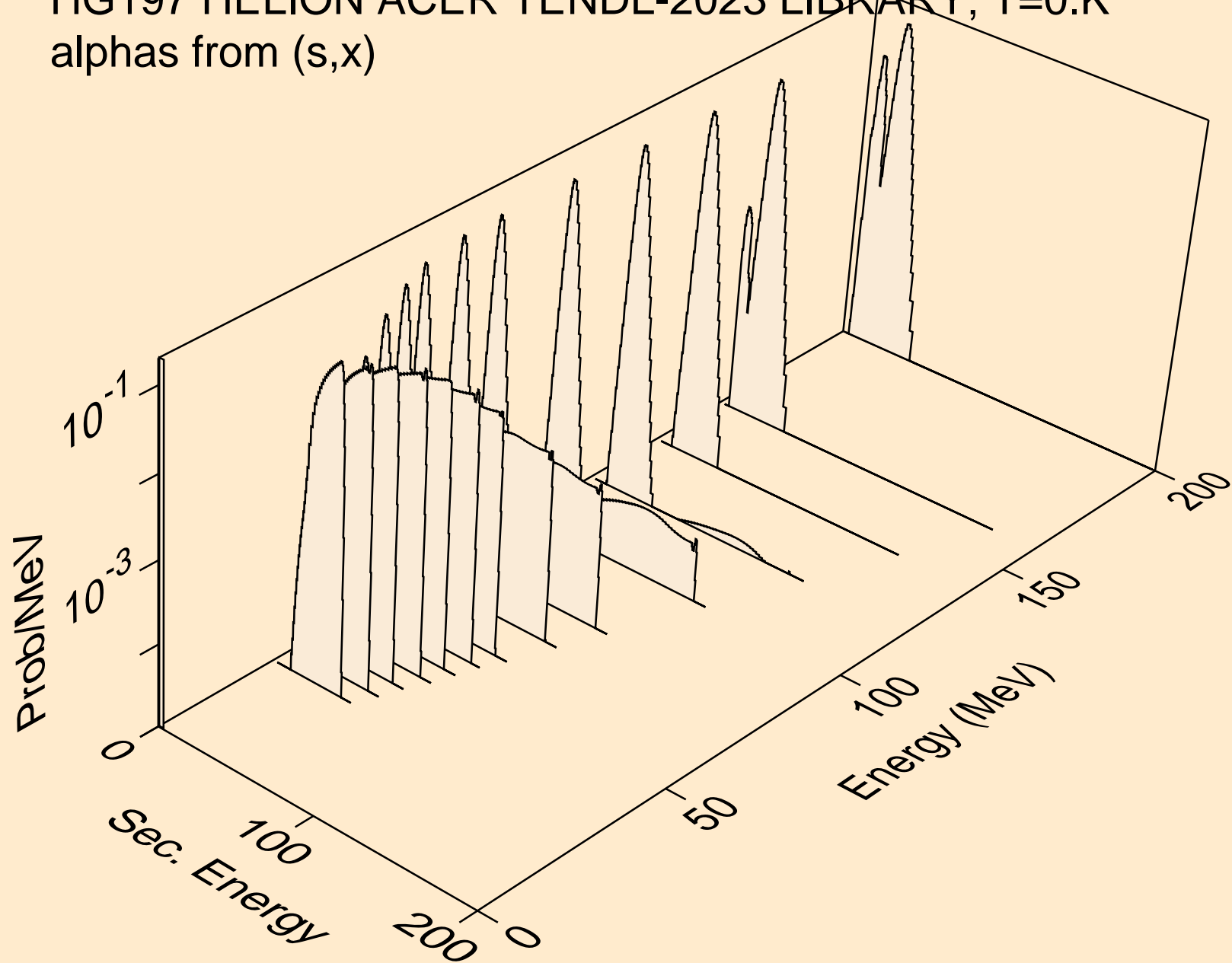
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,t)



HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (s,pt)

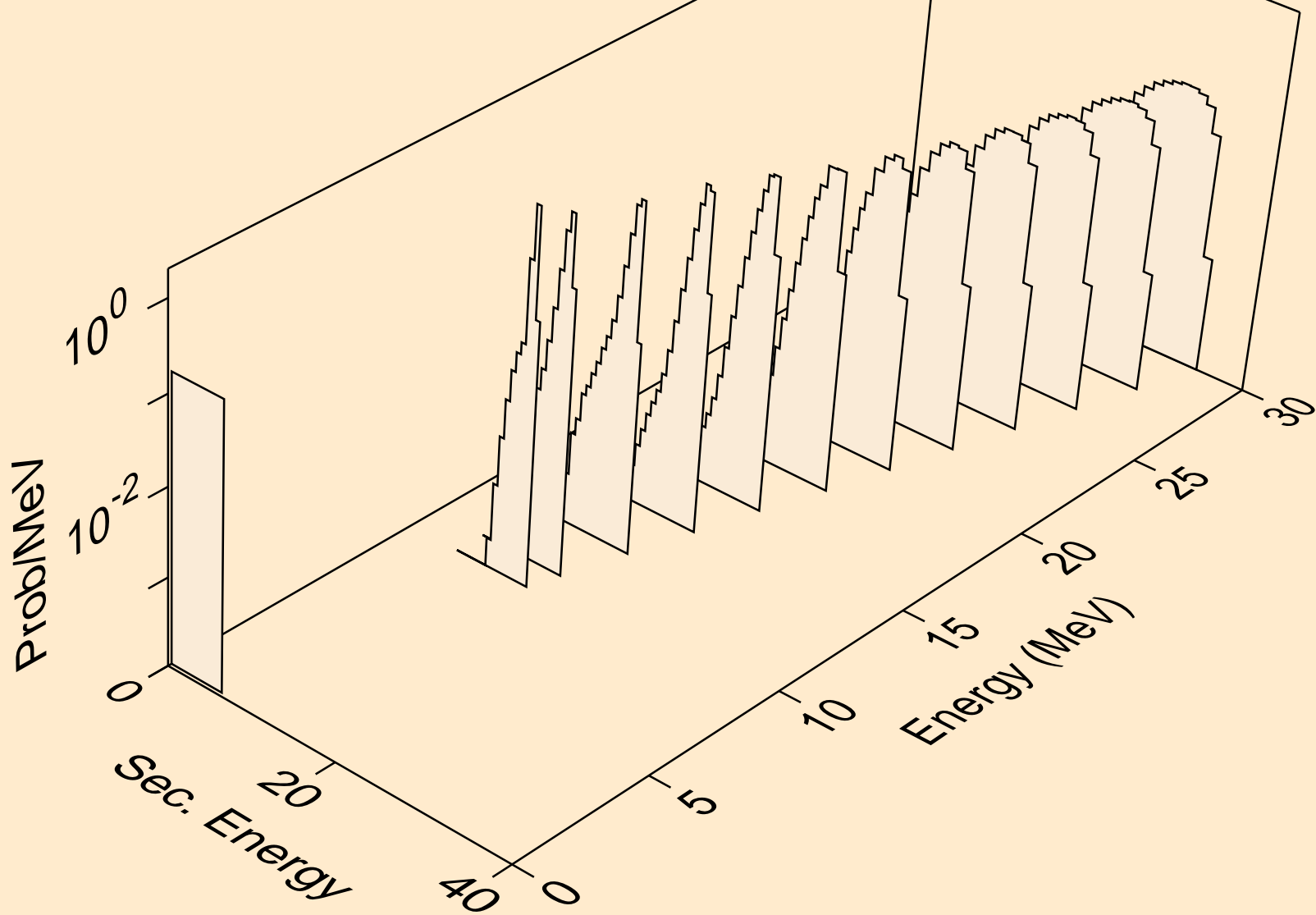


HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,x)

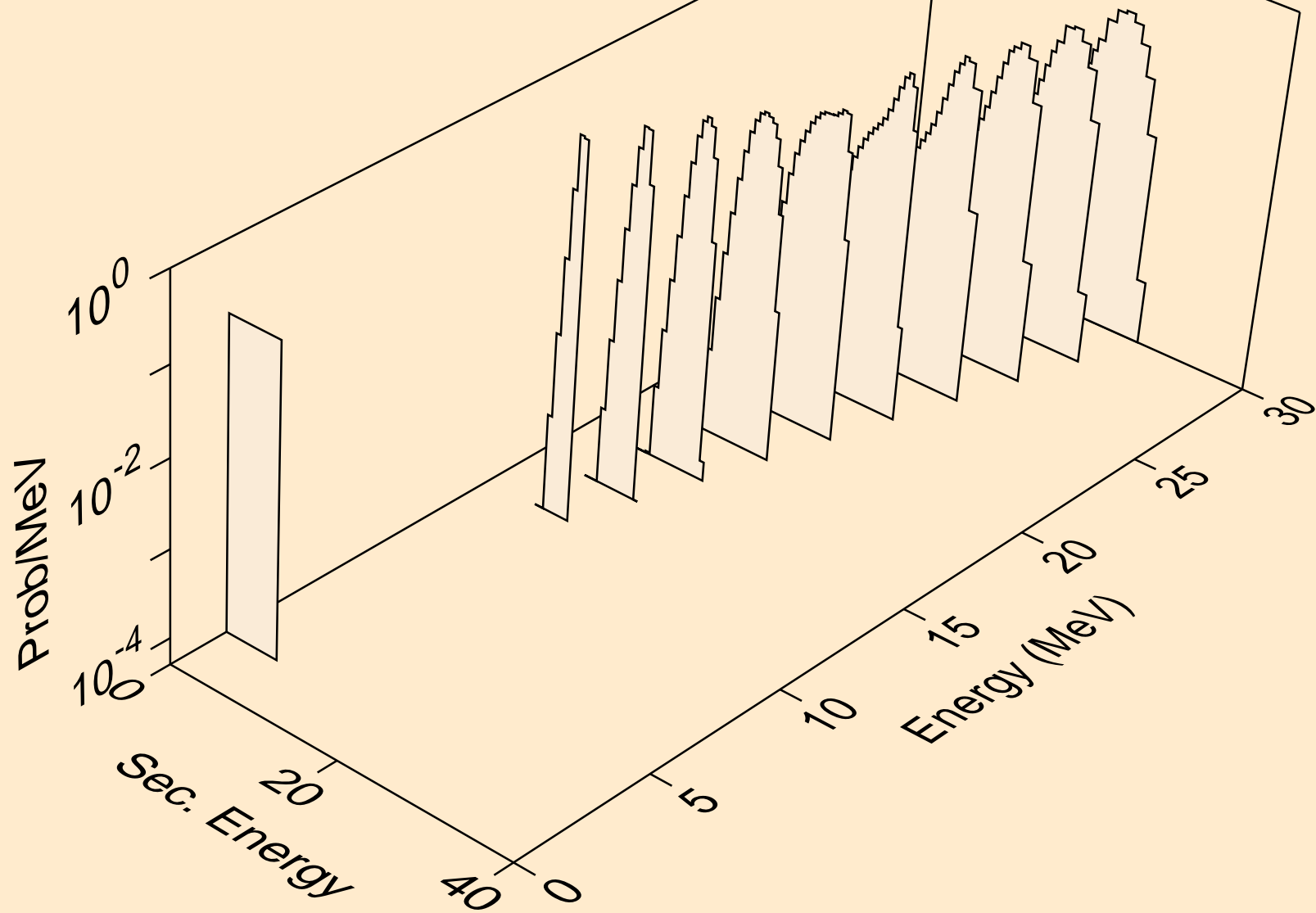




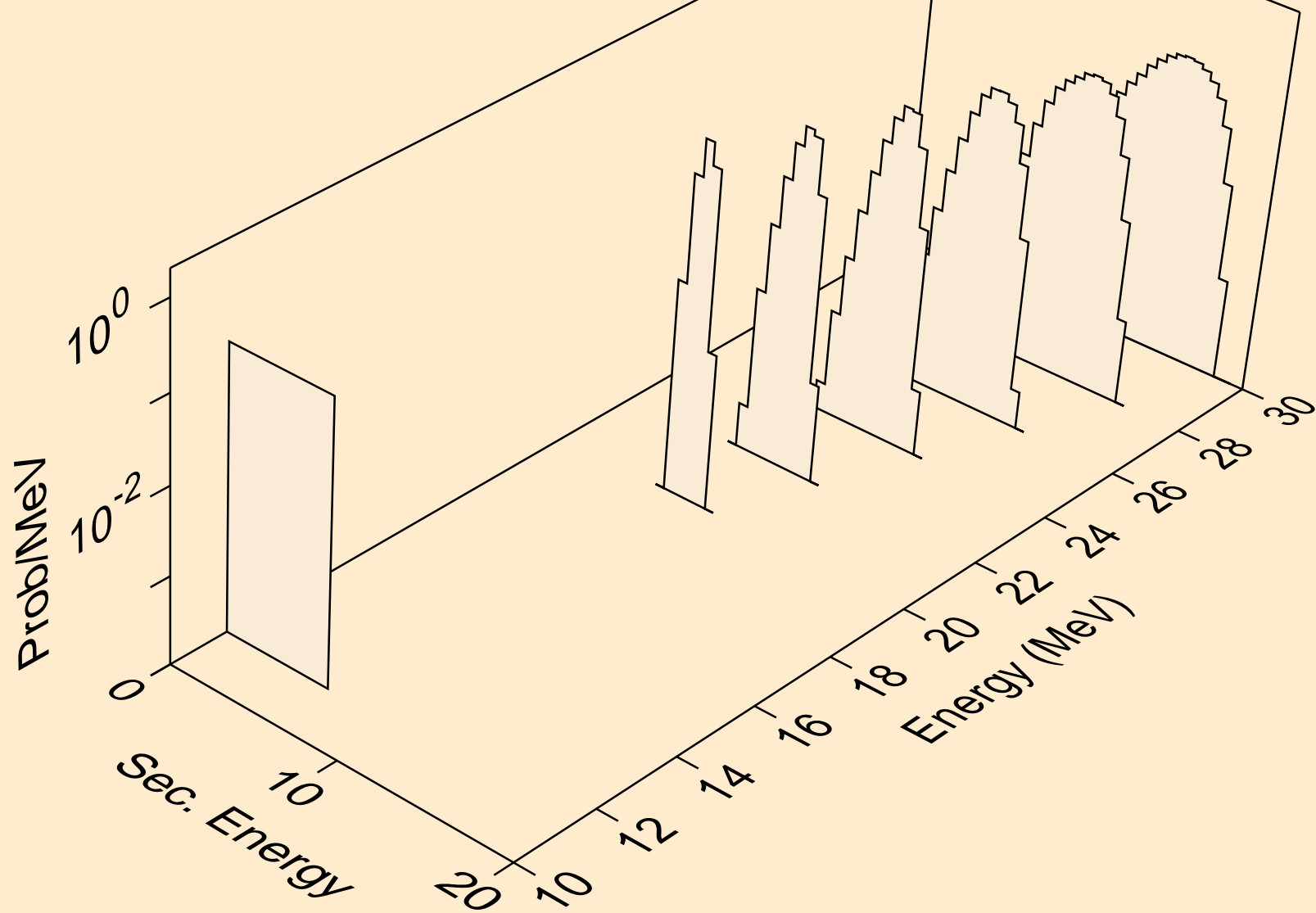
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
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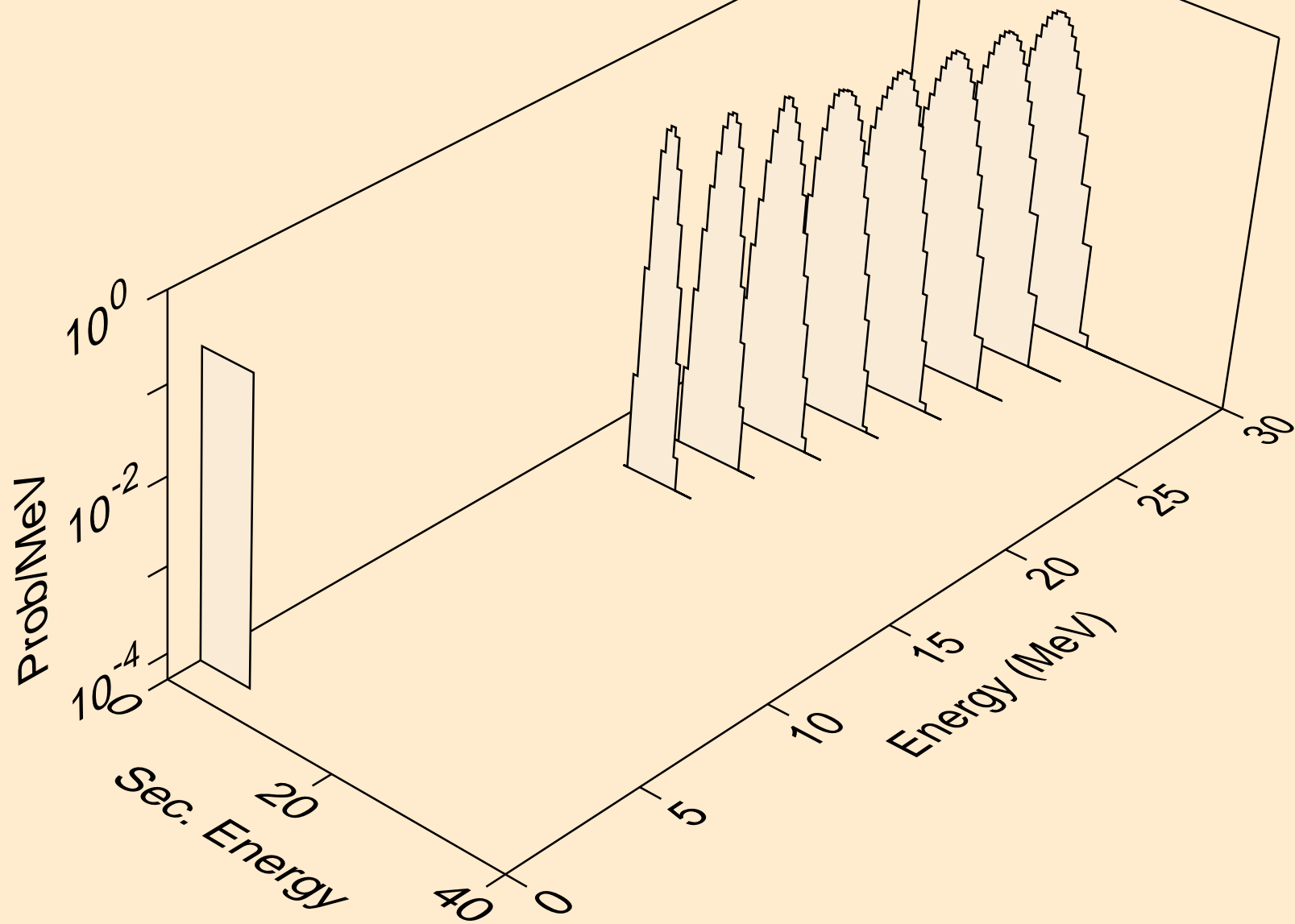
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2n)a



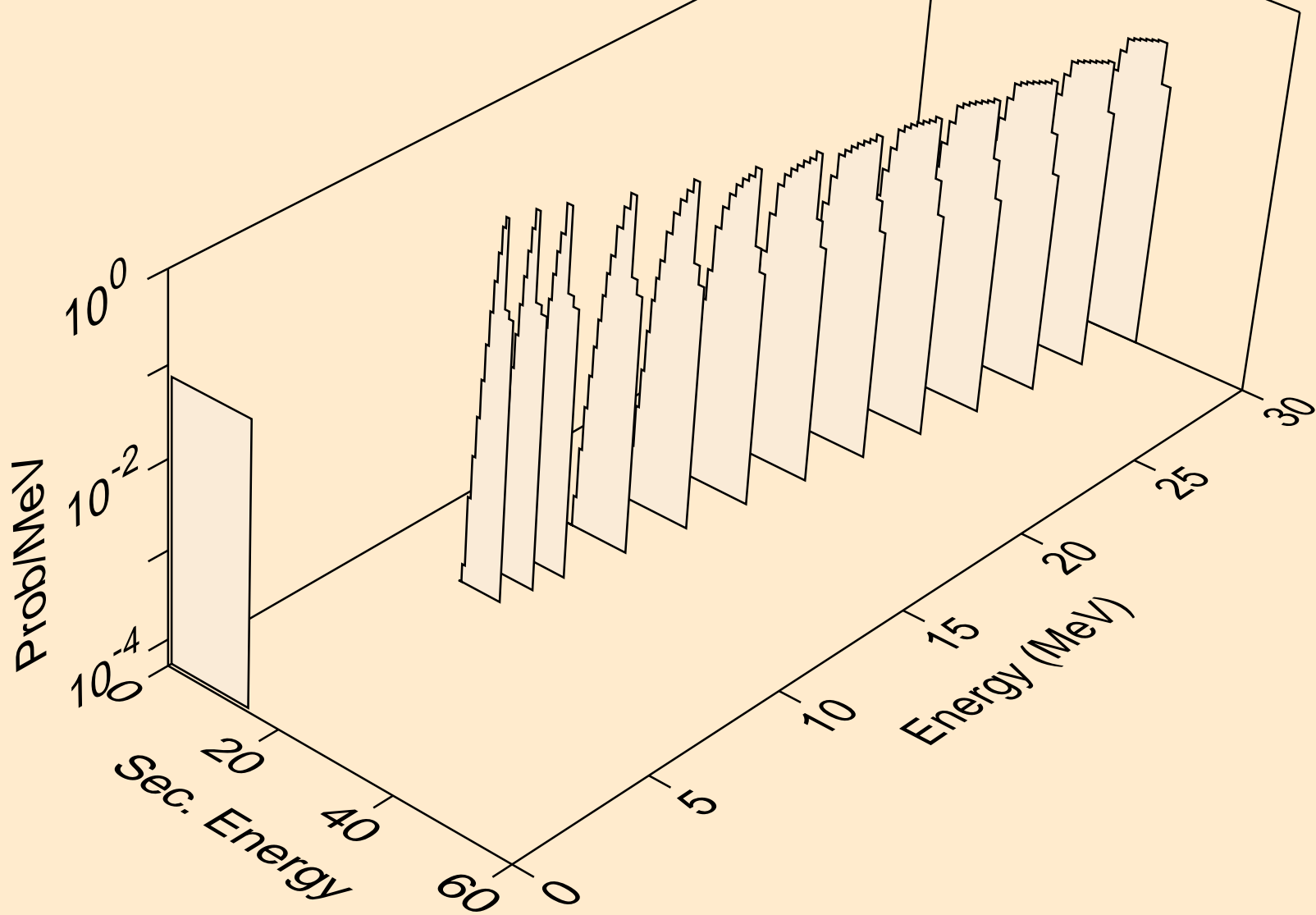
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alphas from (s,3n)a



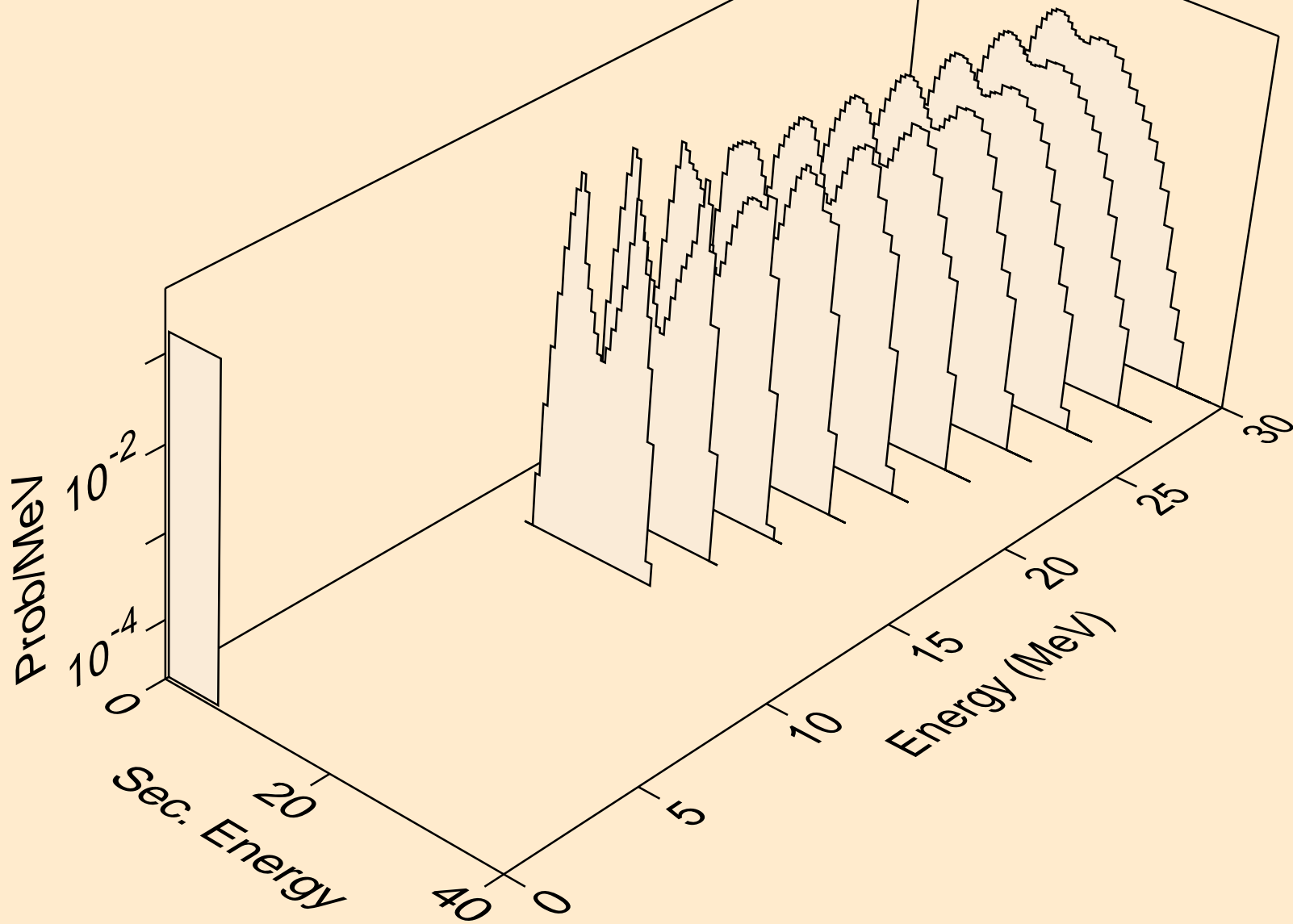
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alphas from (s,npa)



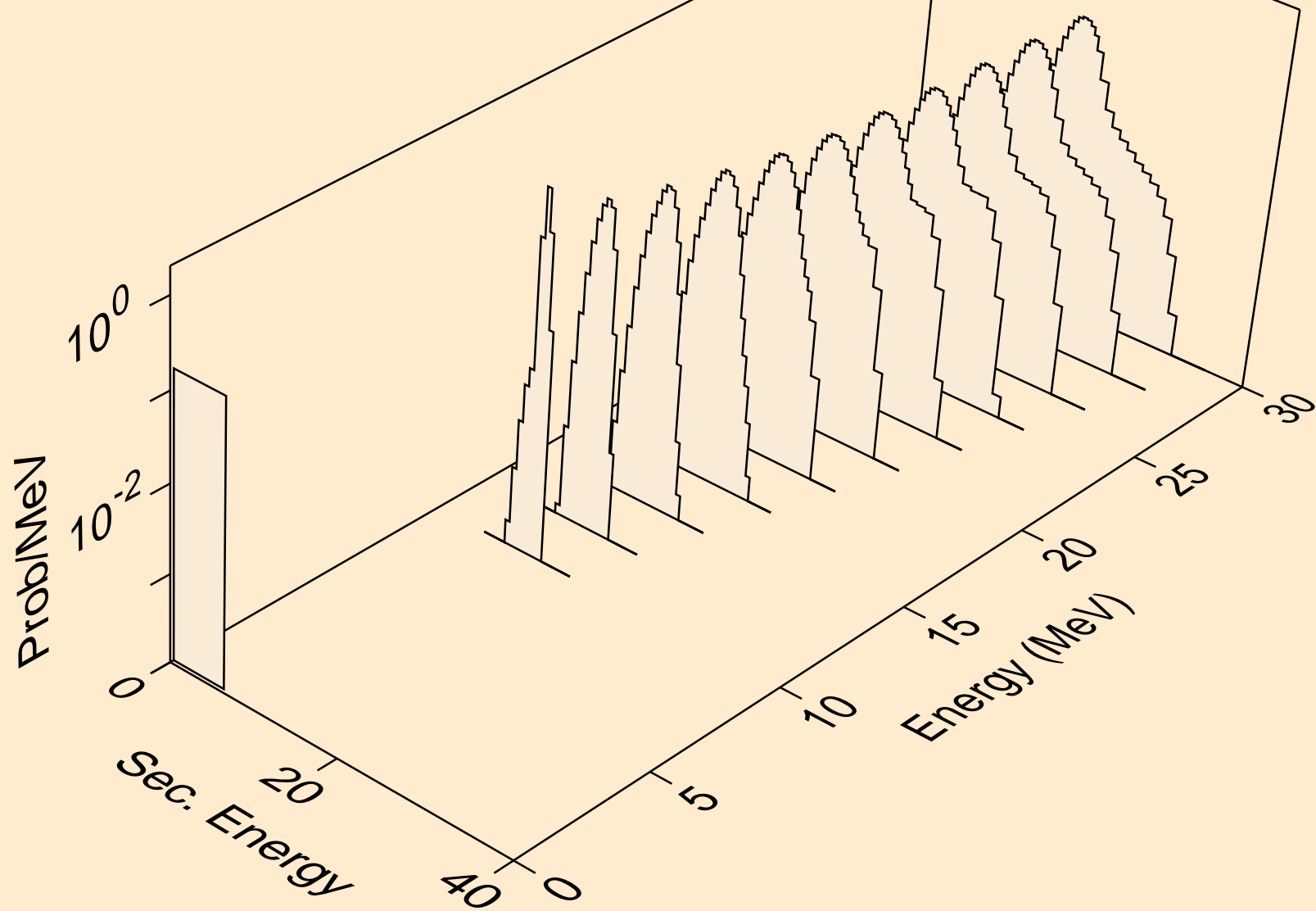
HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,a)



HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,2a)



HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,pa)



HG197 HELION ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (s,da)

