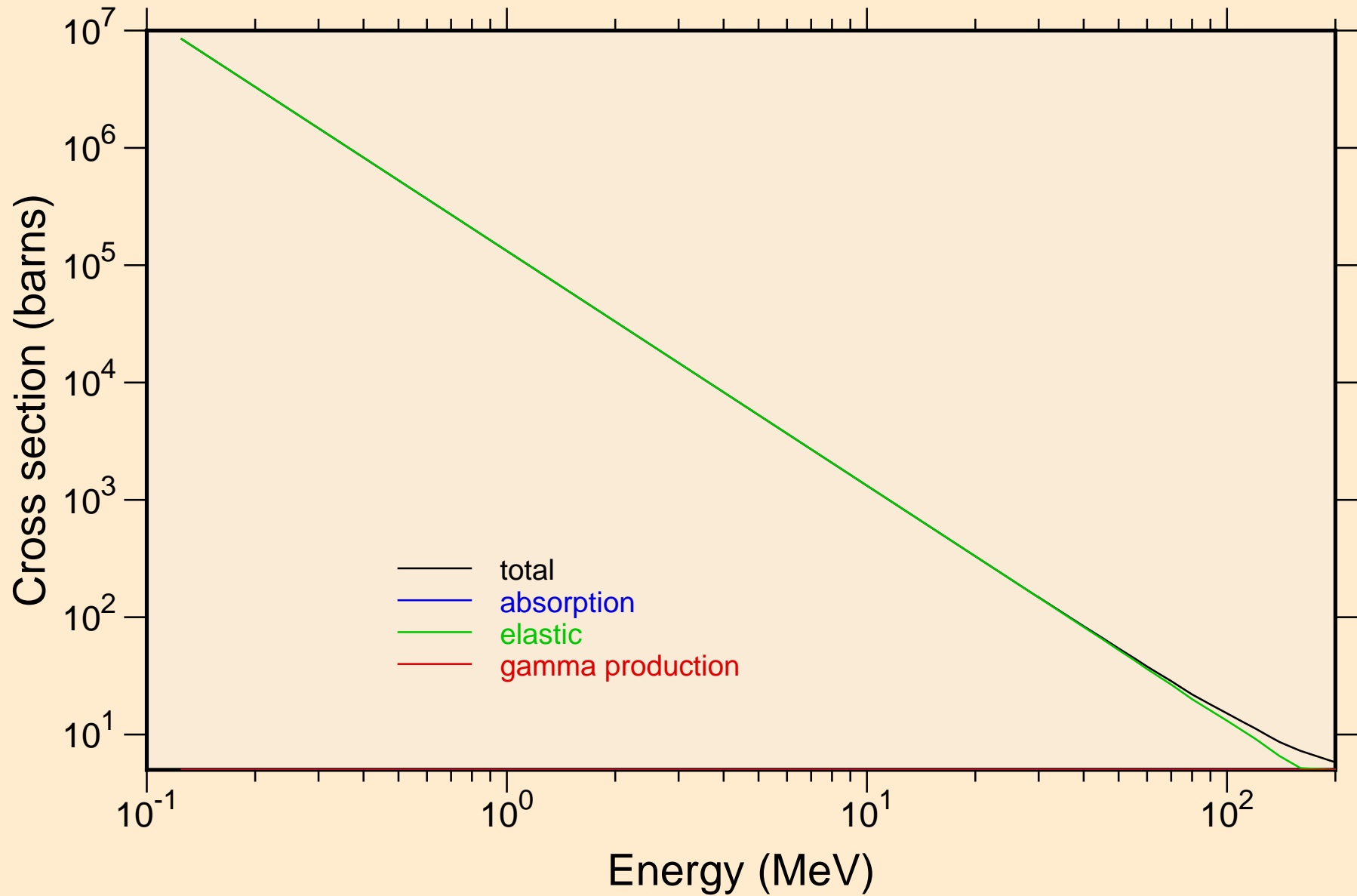
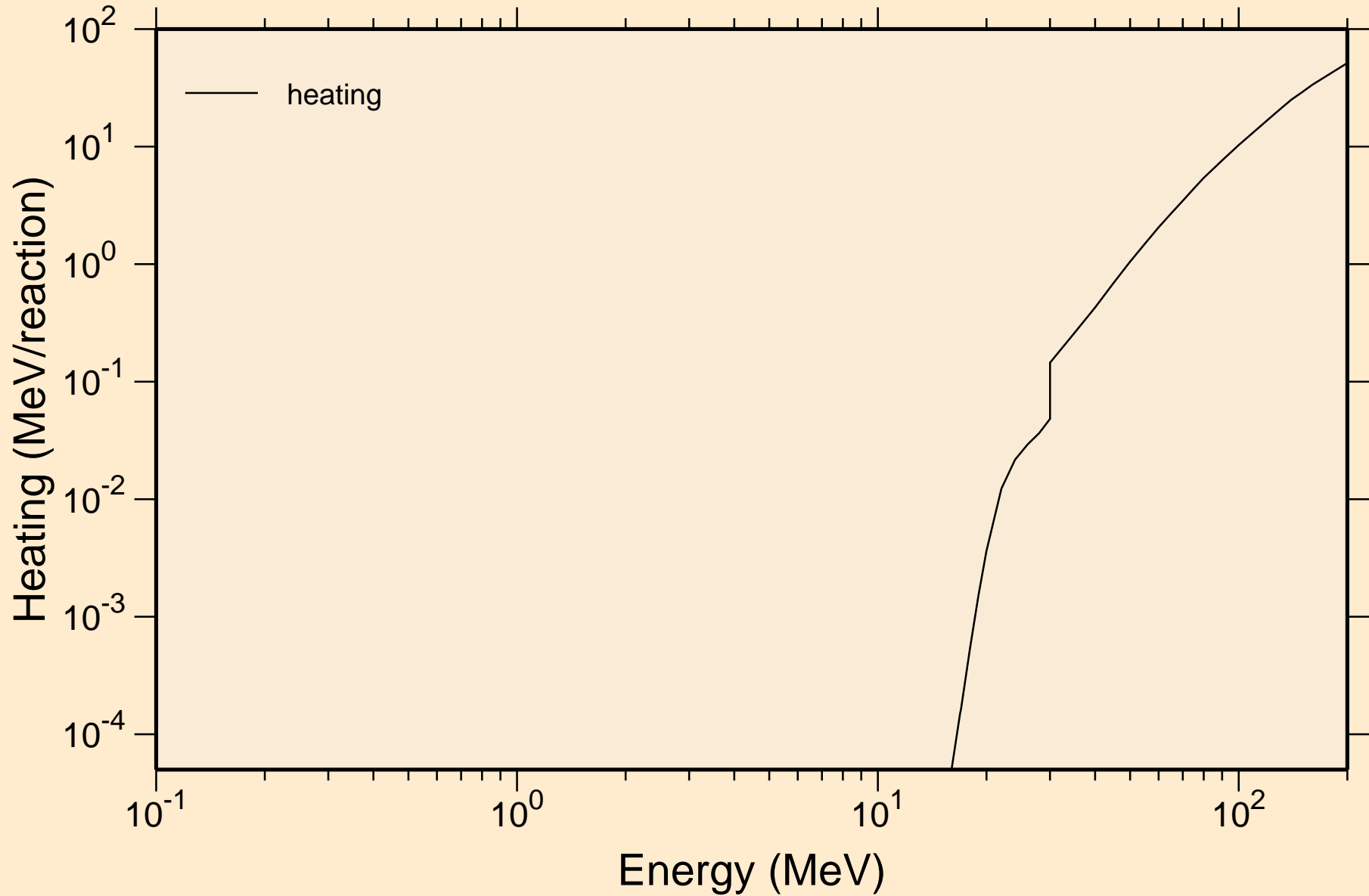


HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



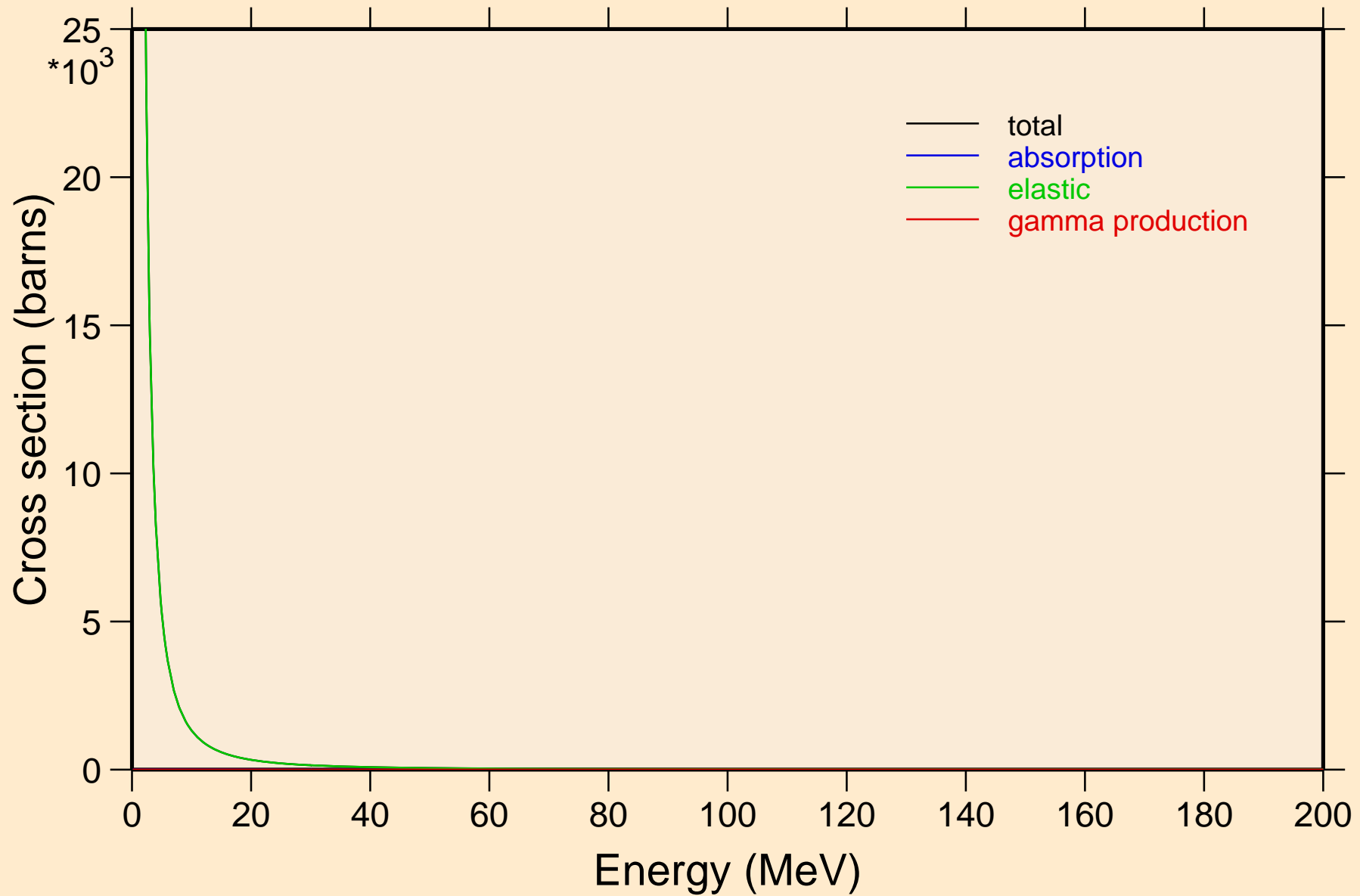
# HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



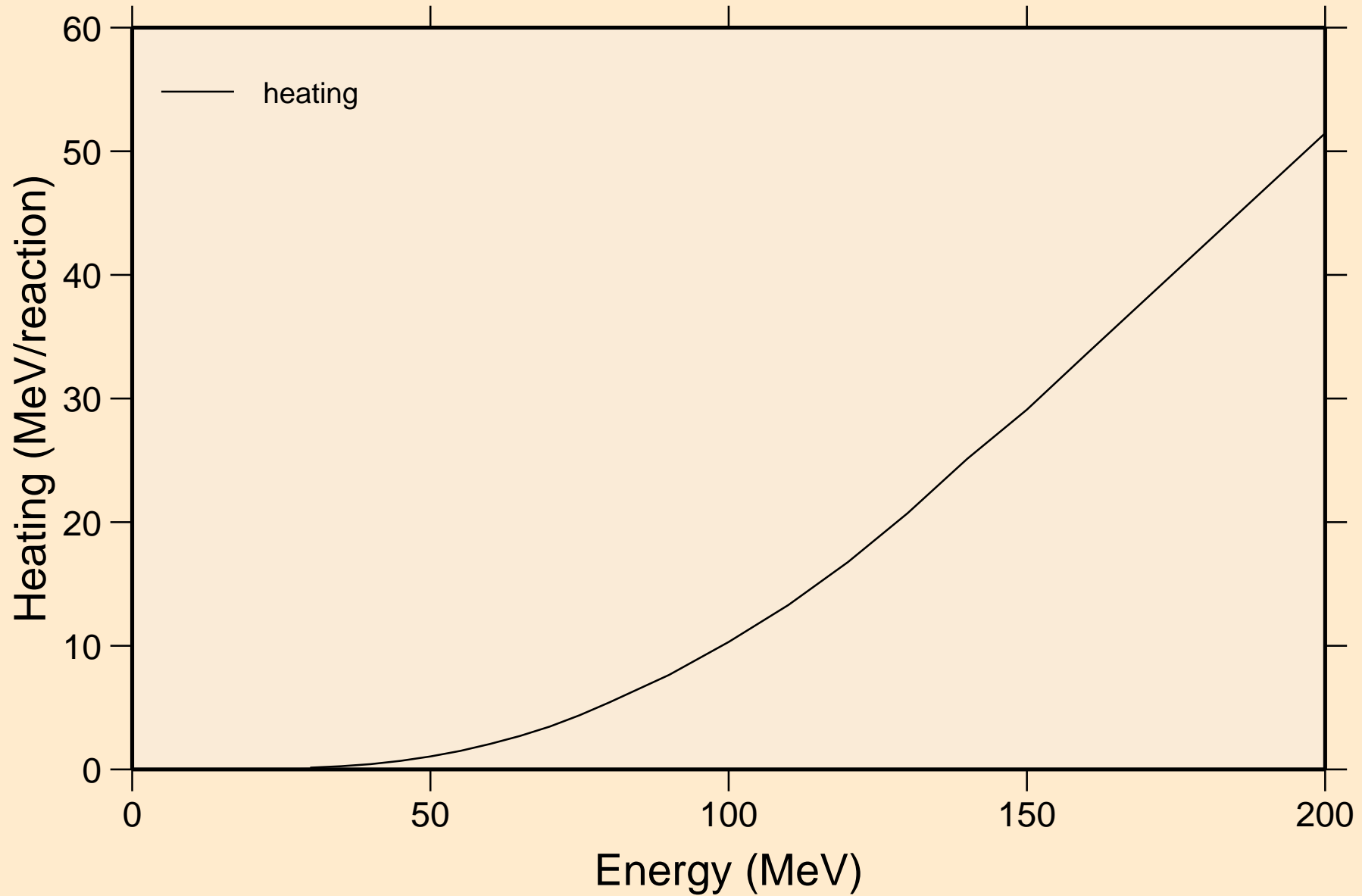
# HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

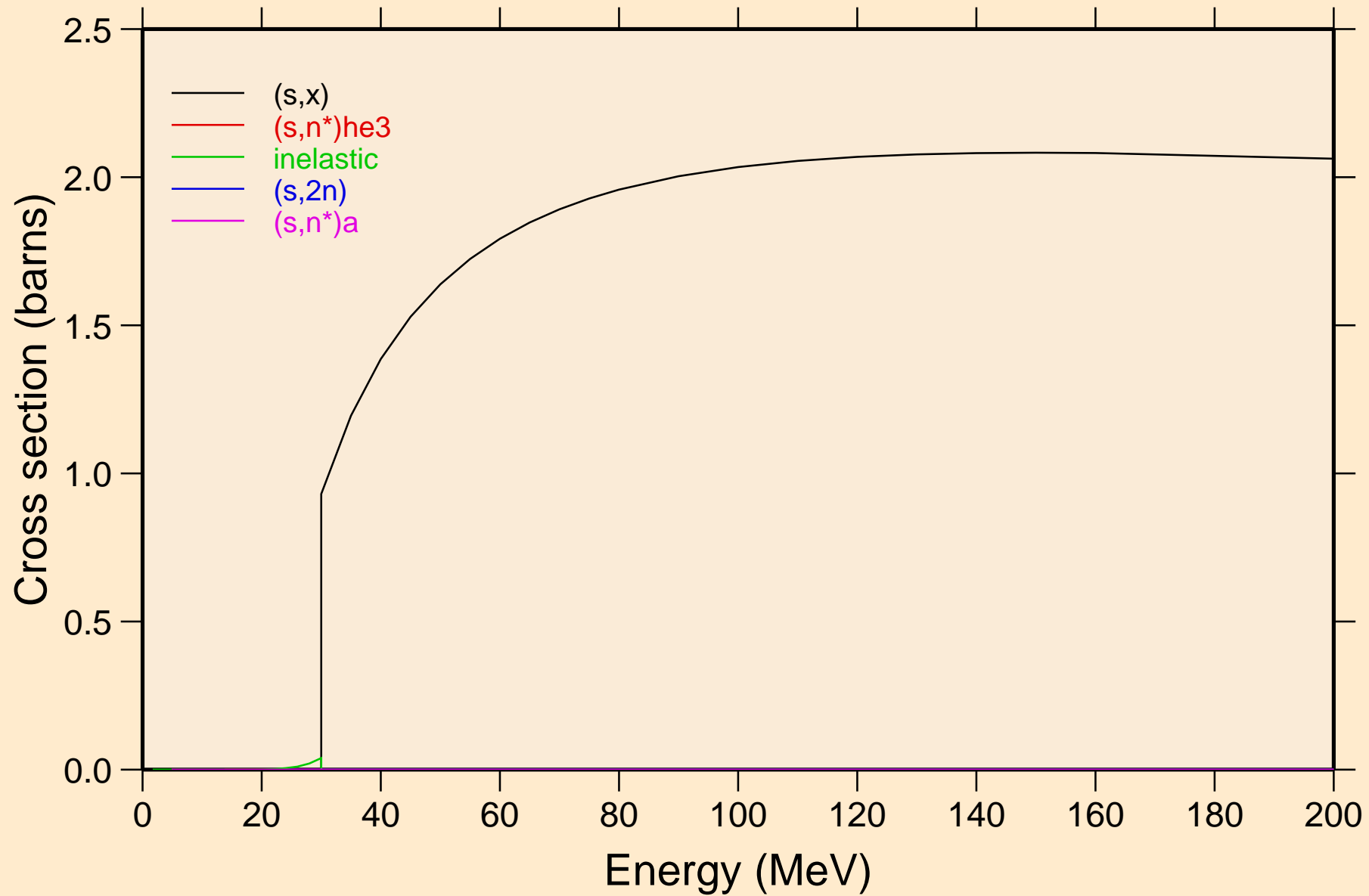


HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K

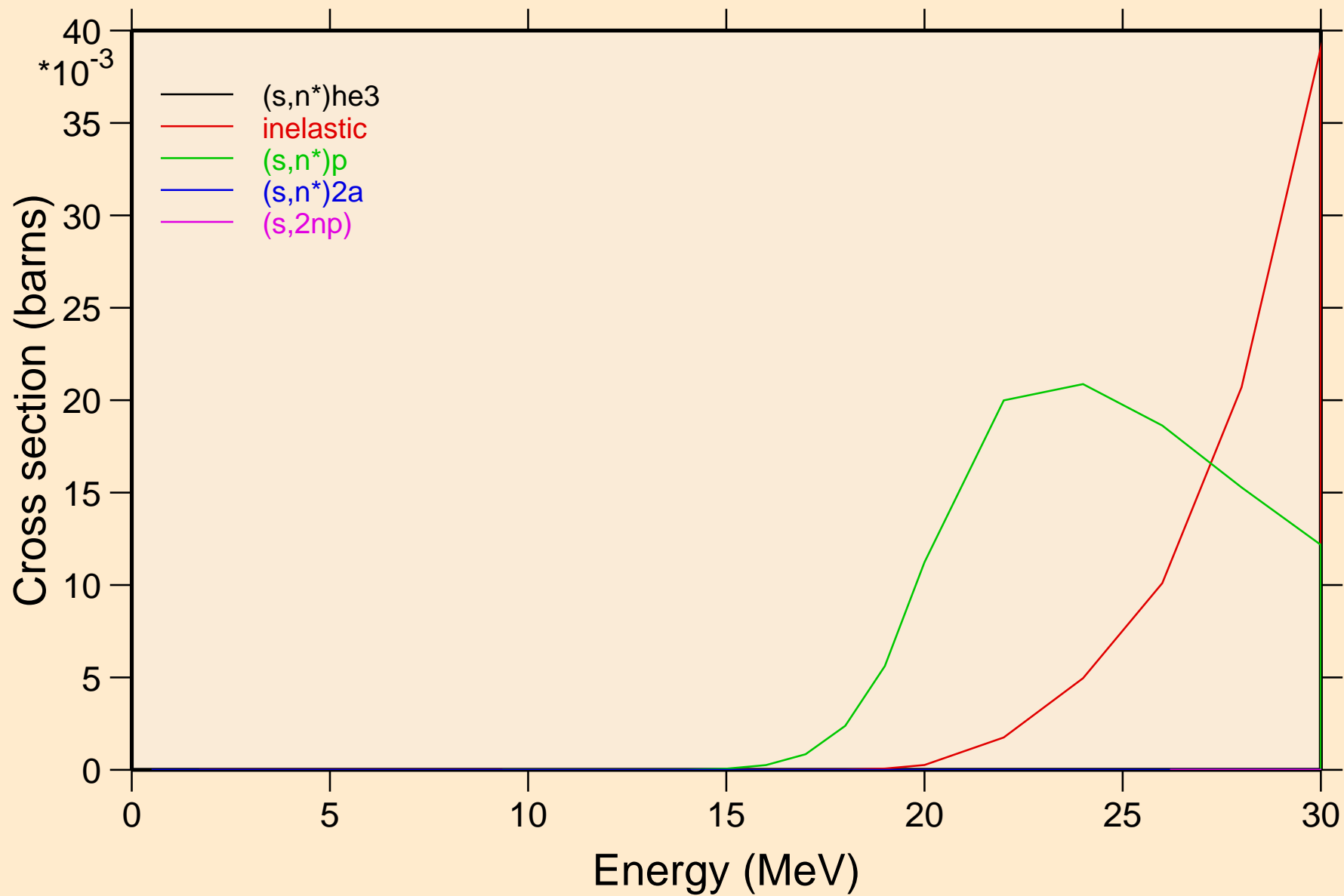
Heating



HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

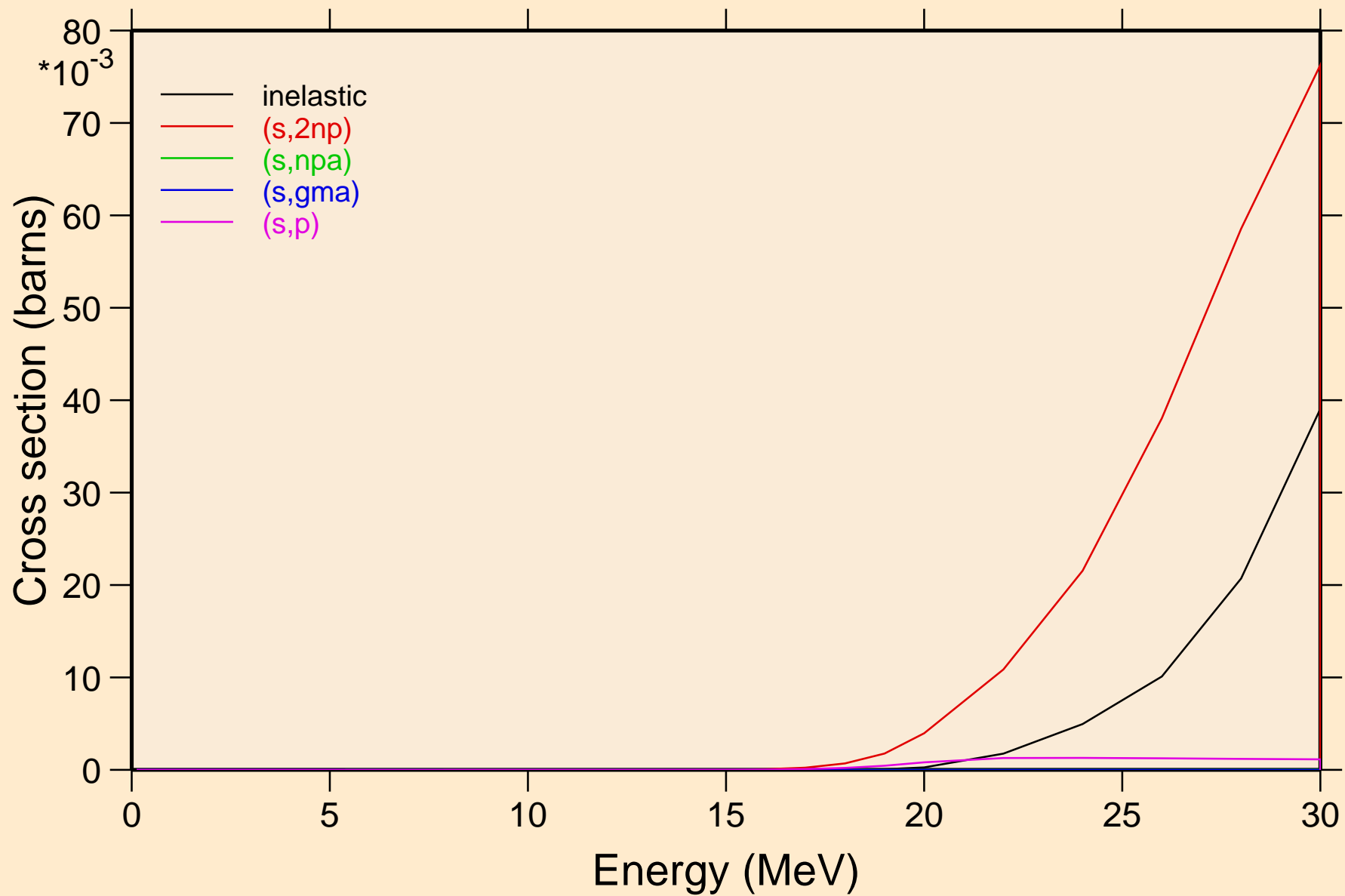


HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



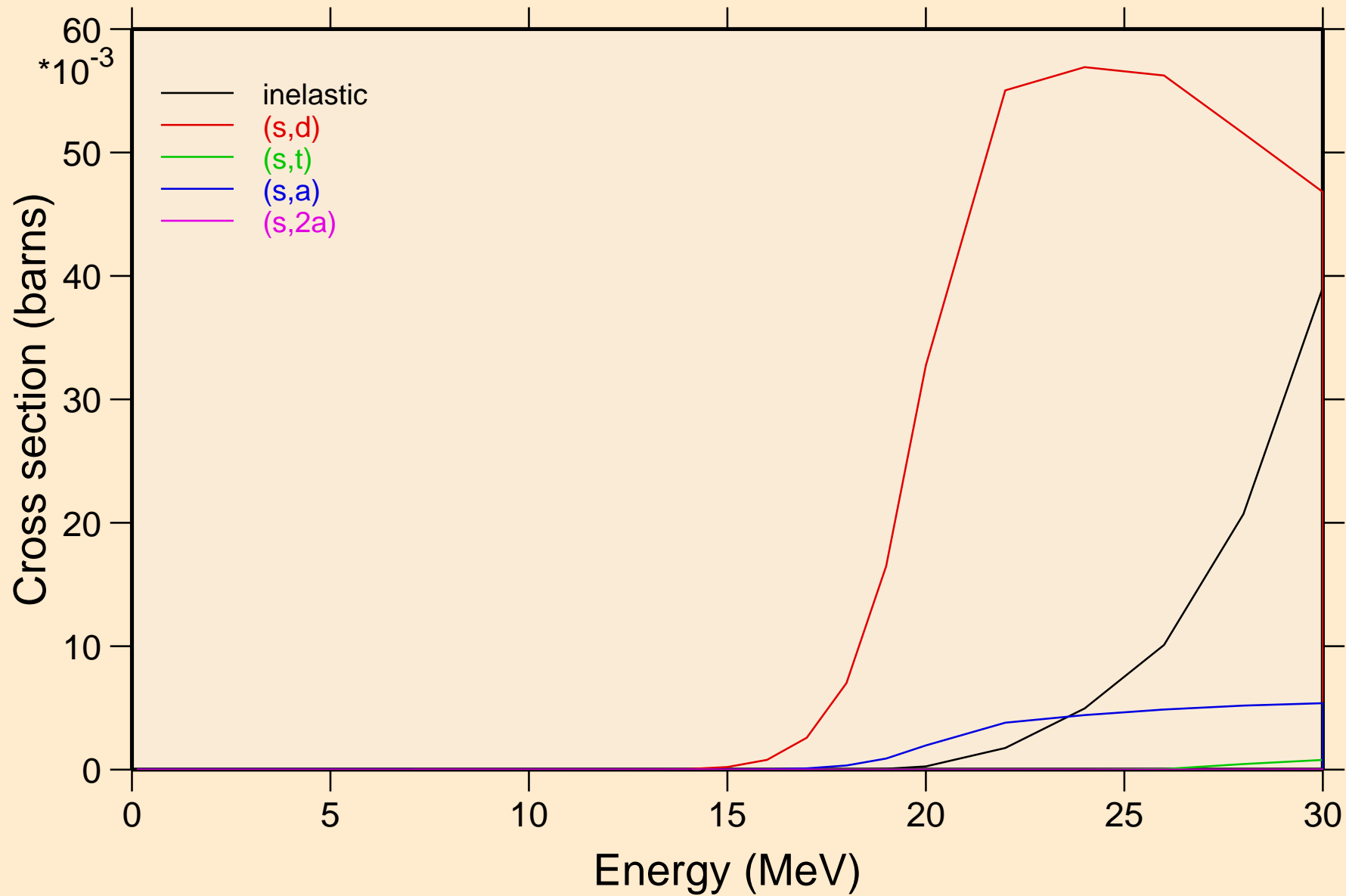
# HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



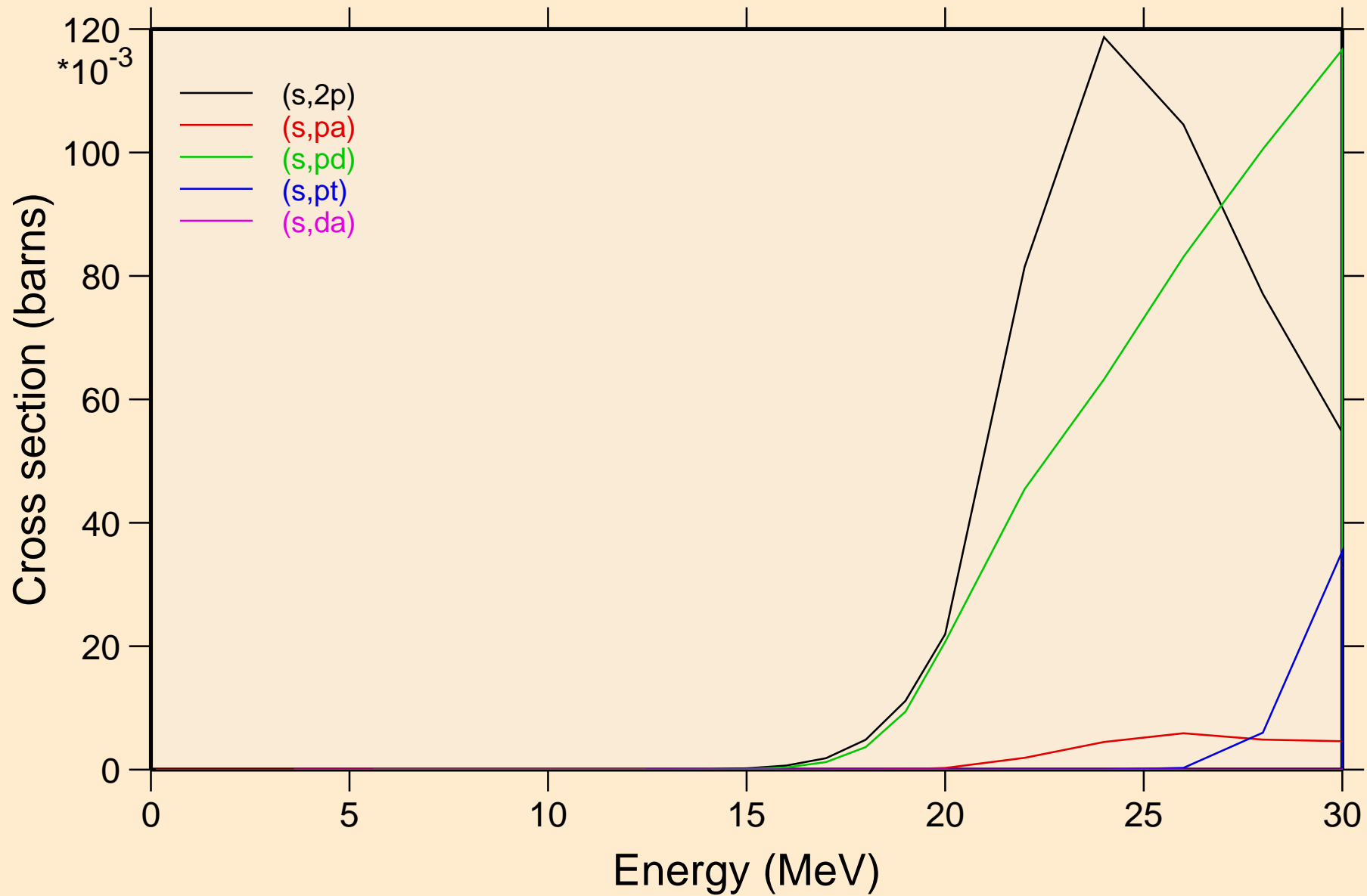
# HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

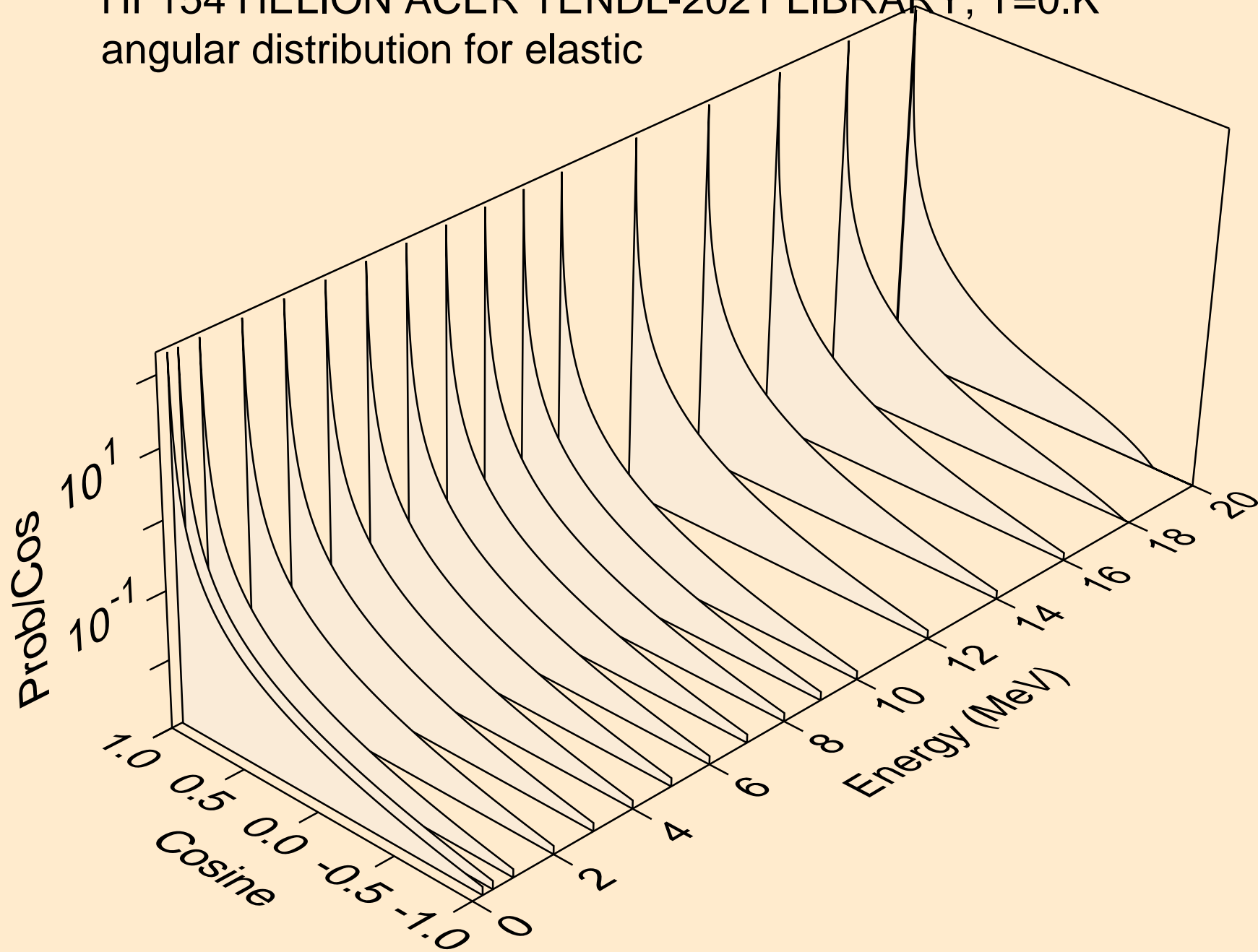




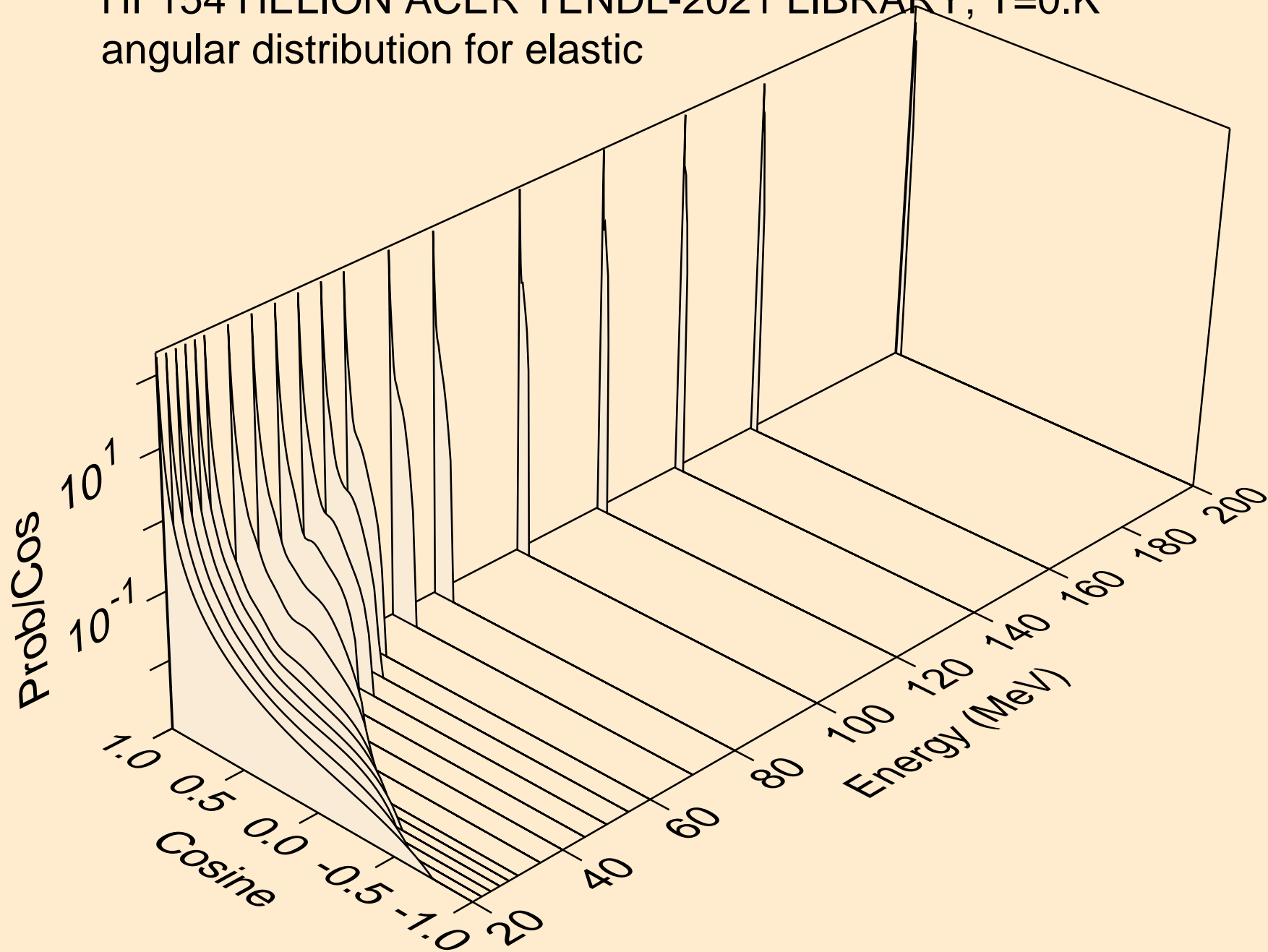
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



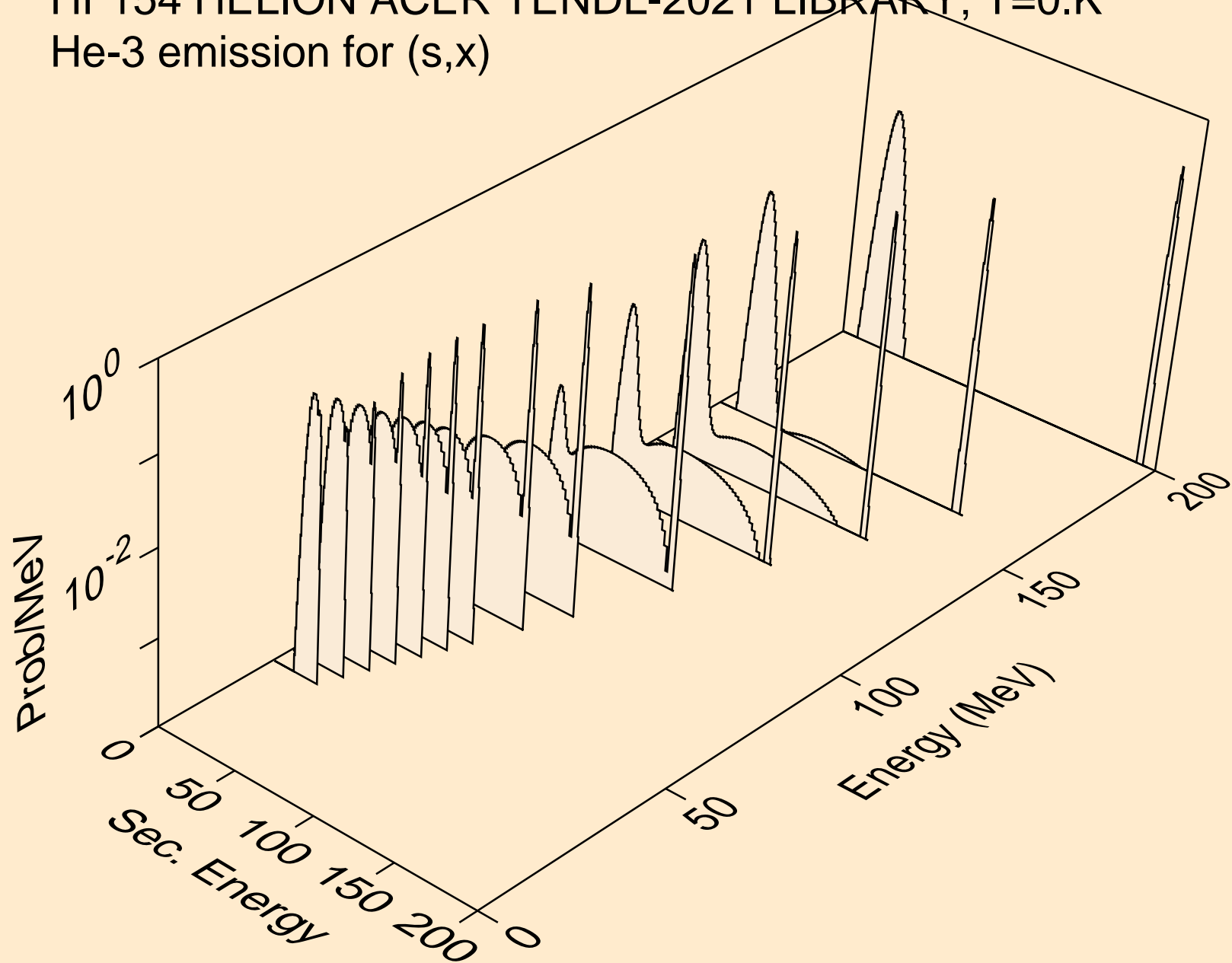
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



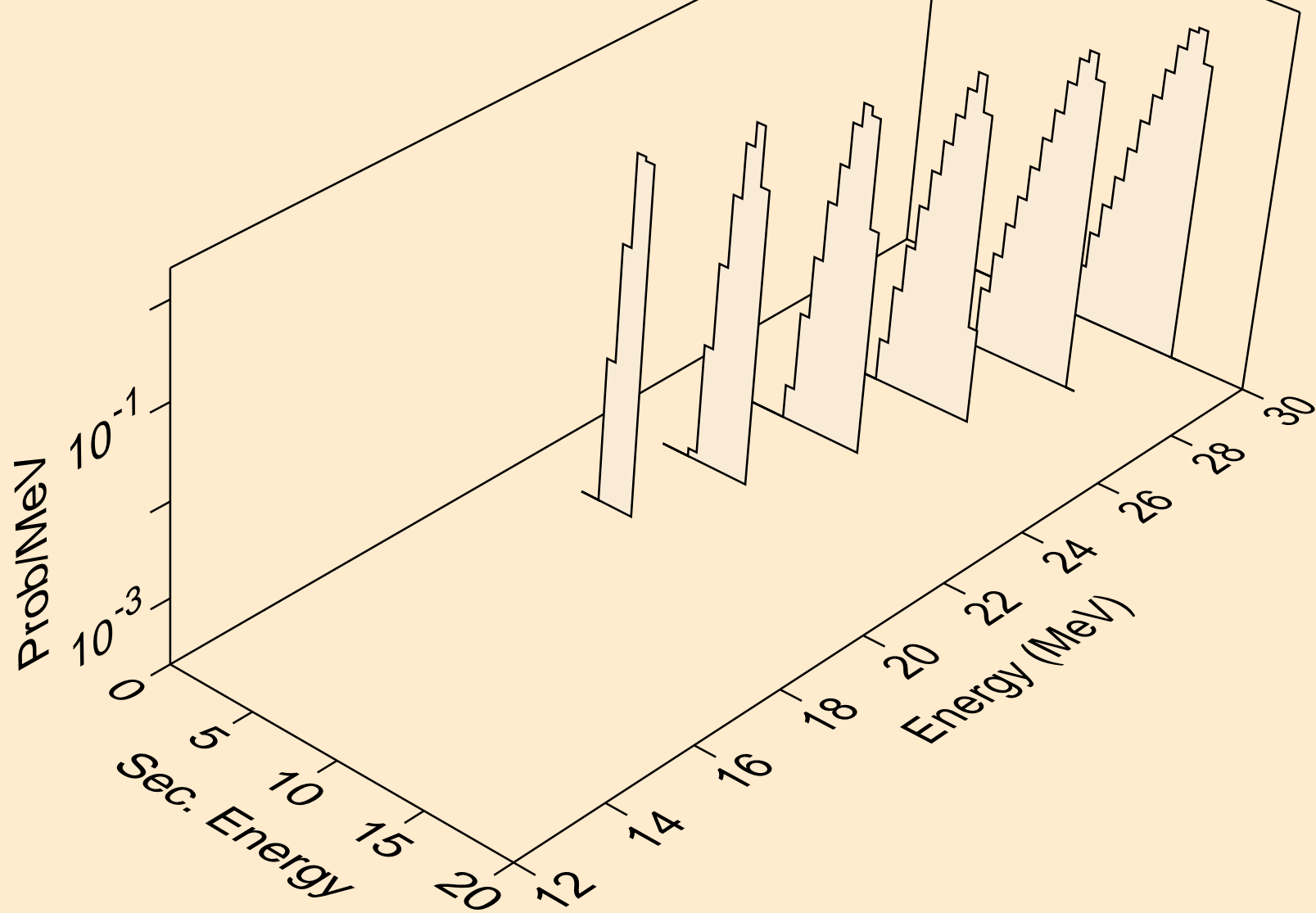
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



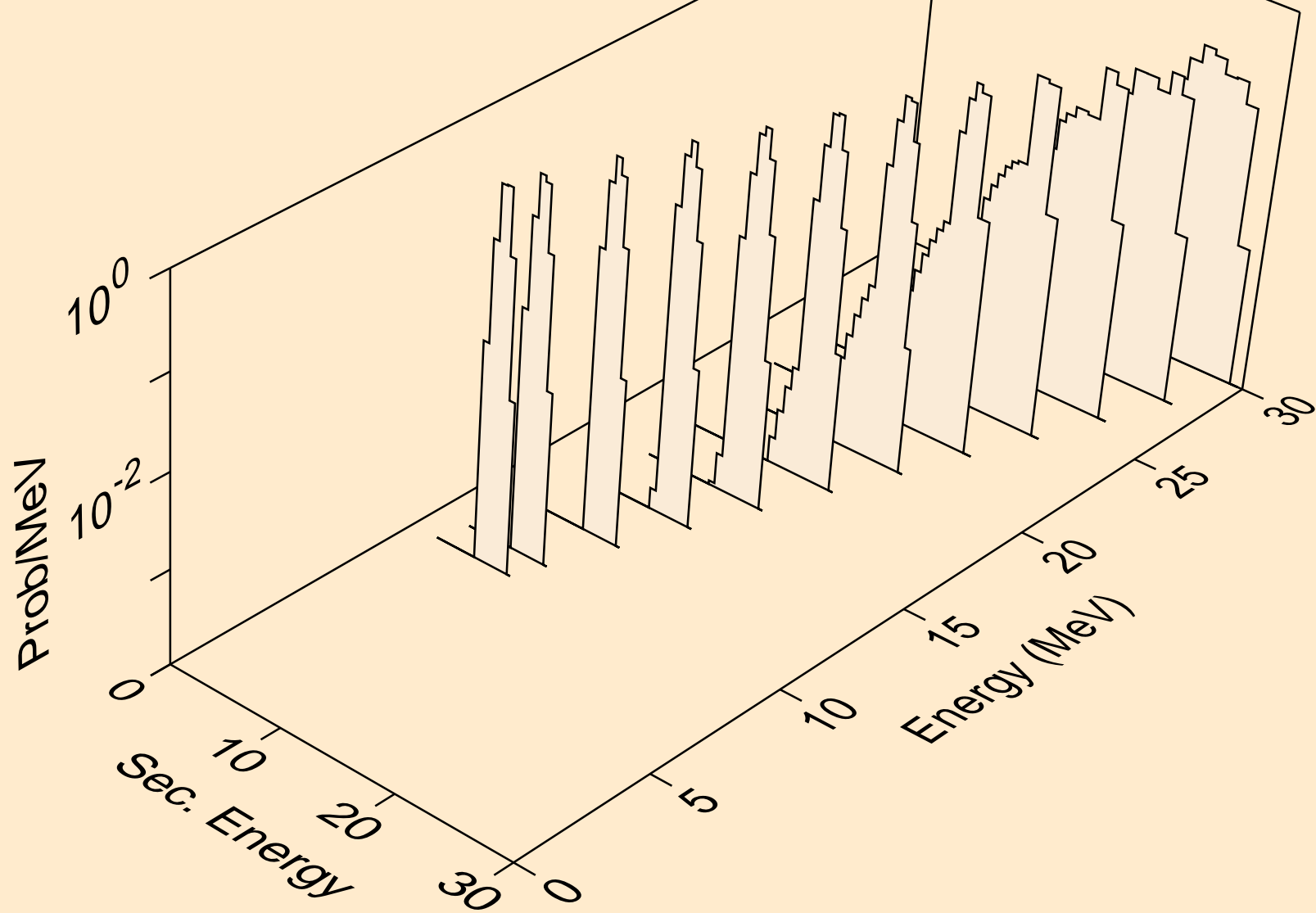
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



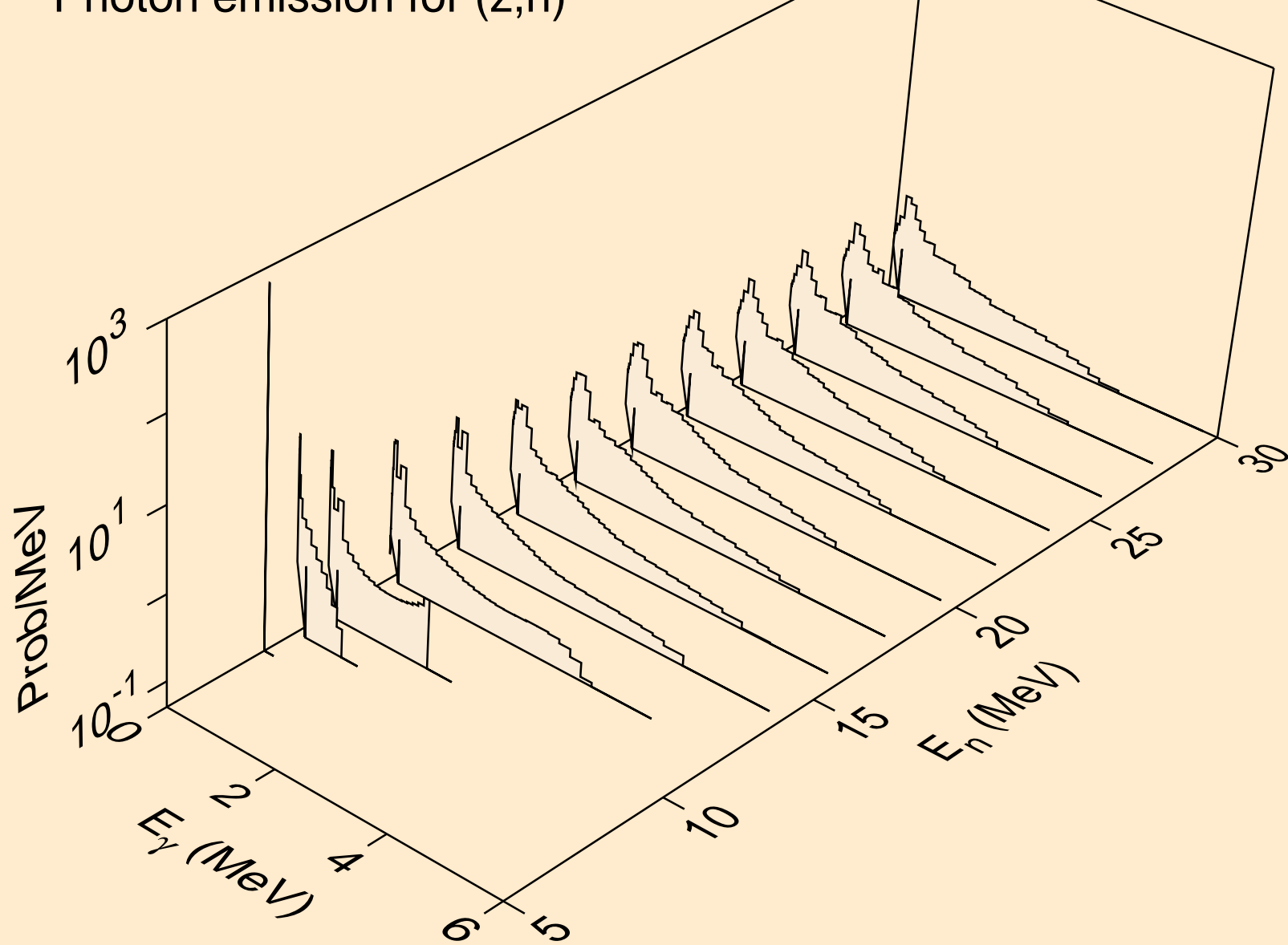
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



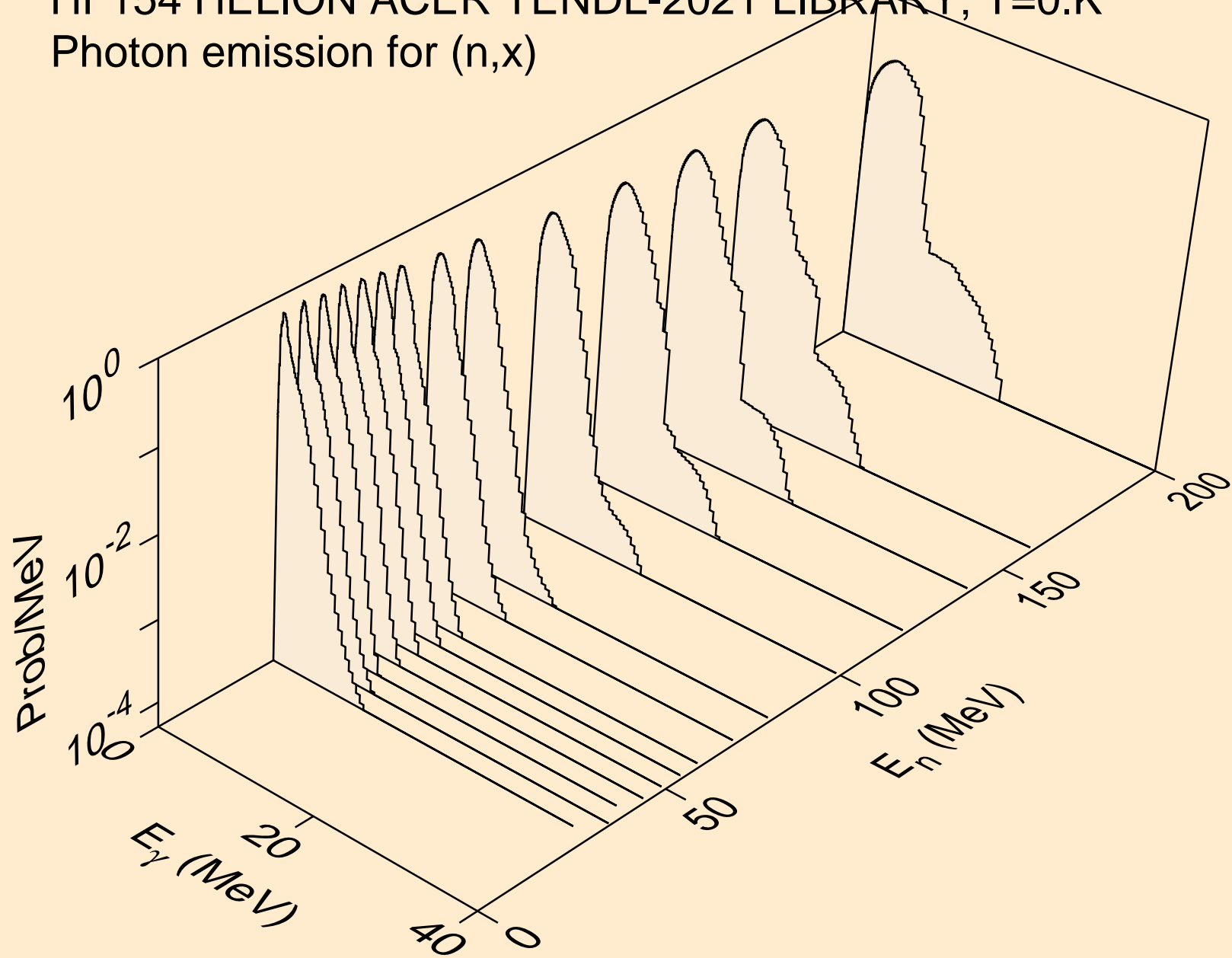
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

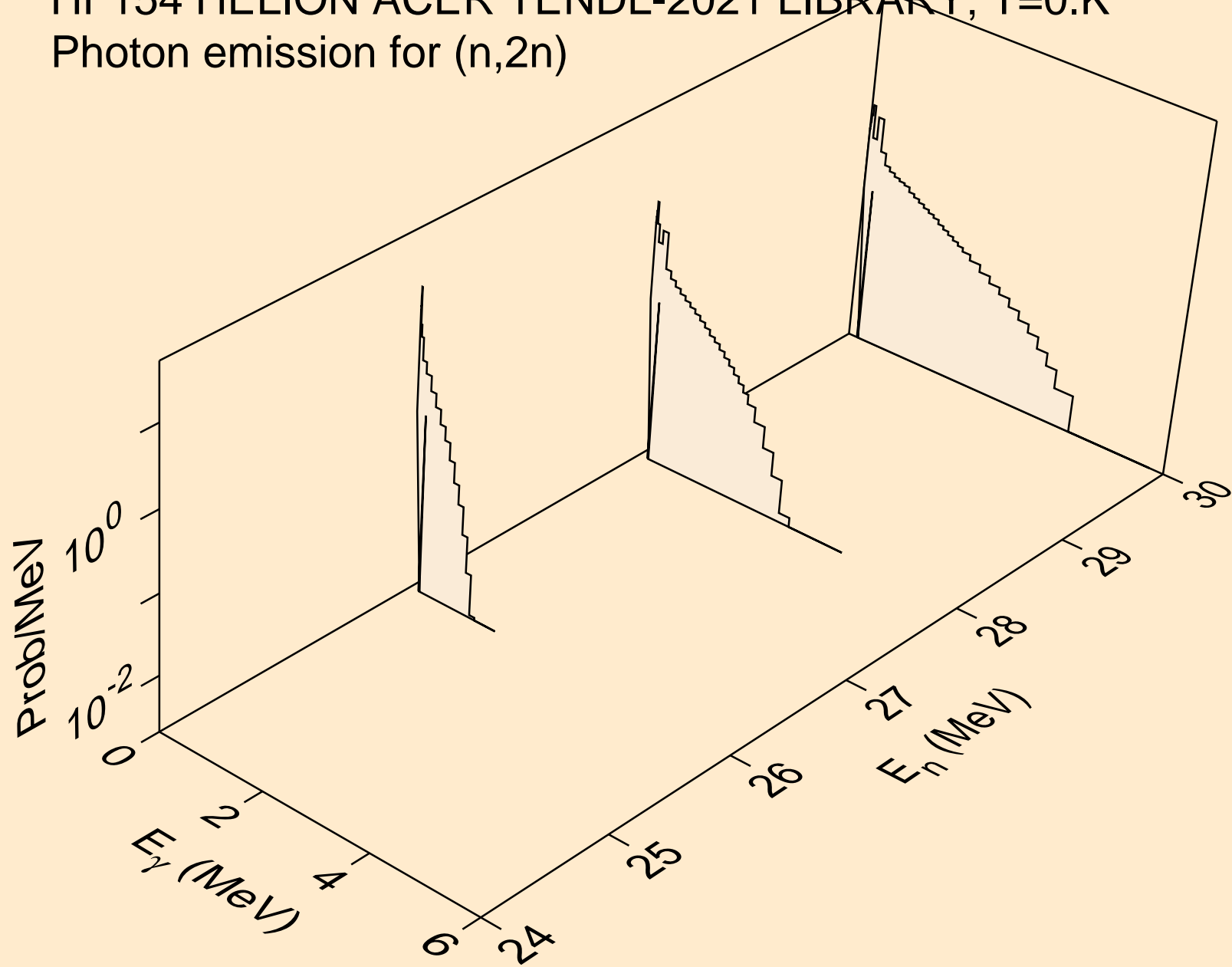


HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)

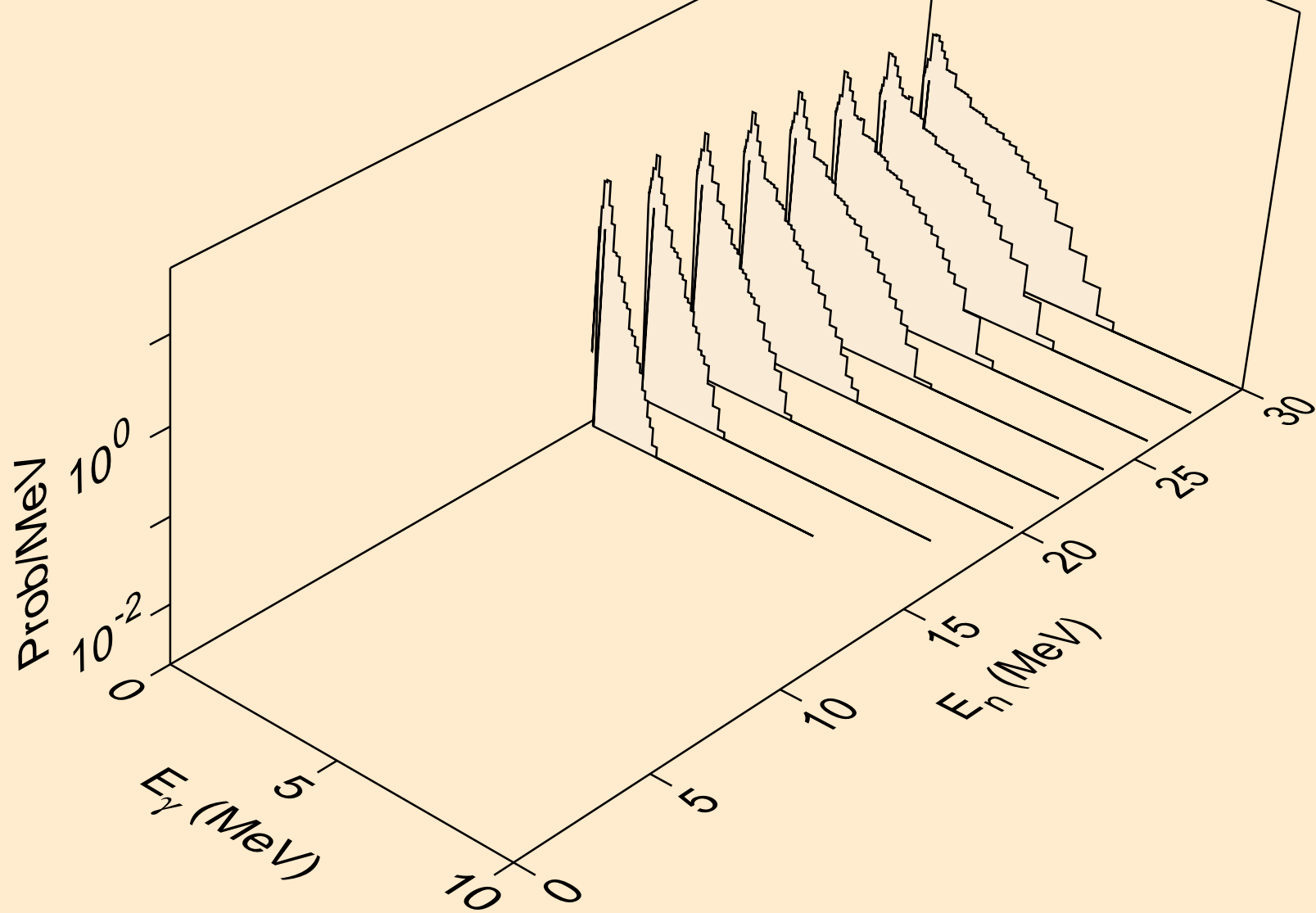




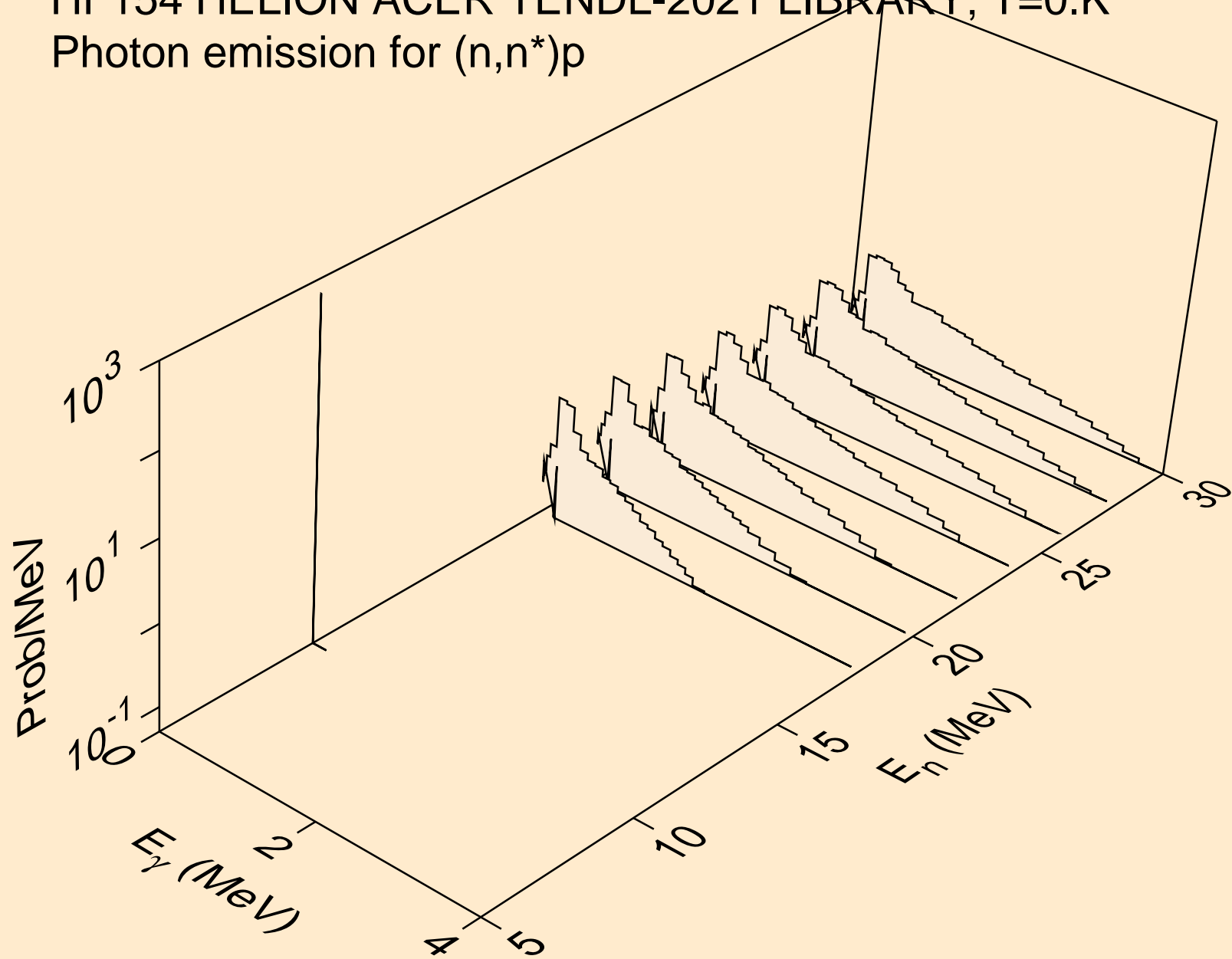
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



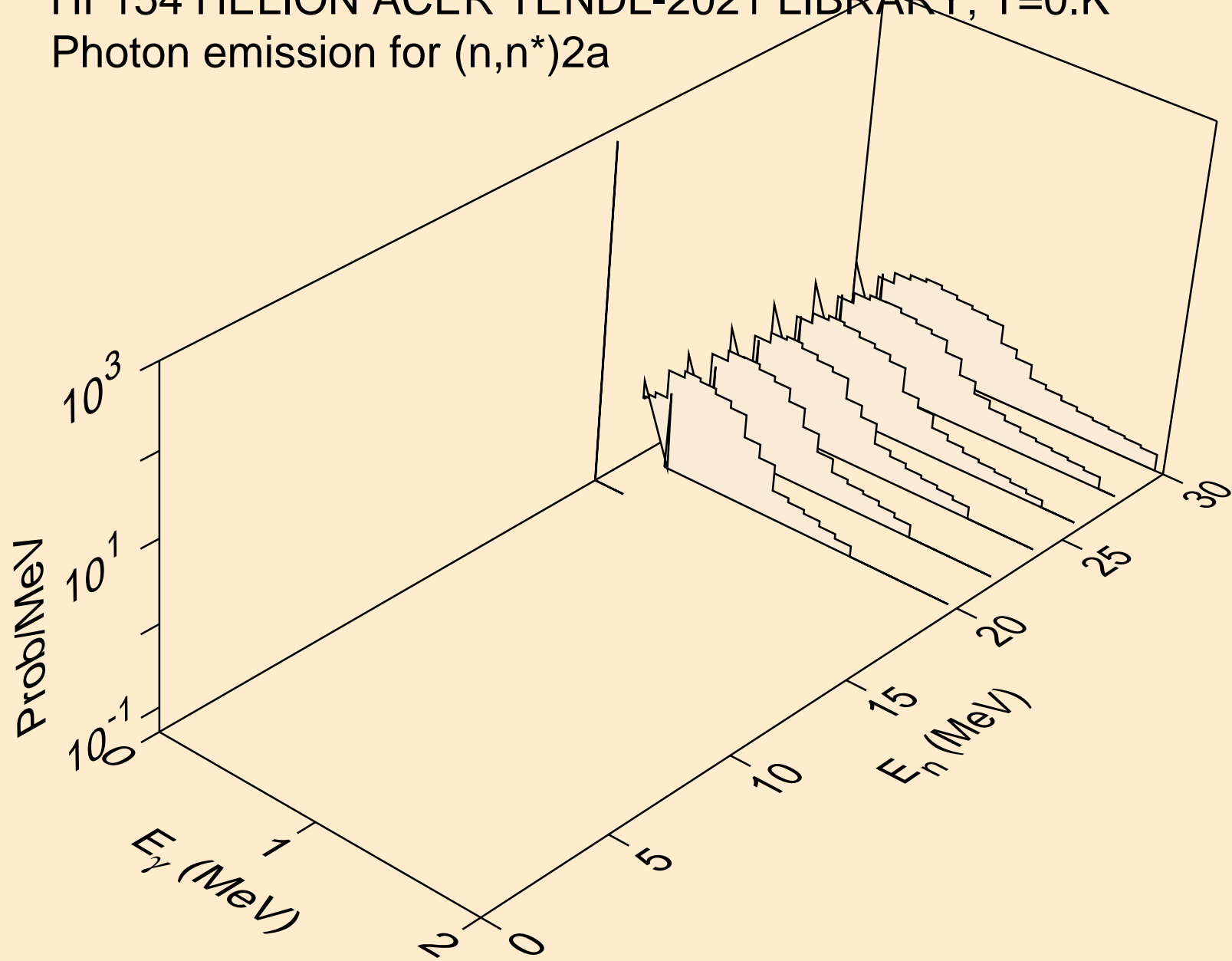
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



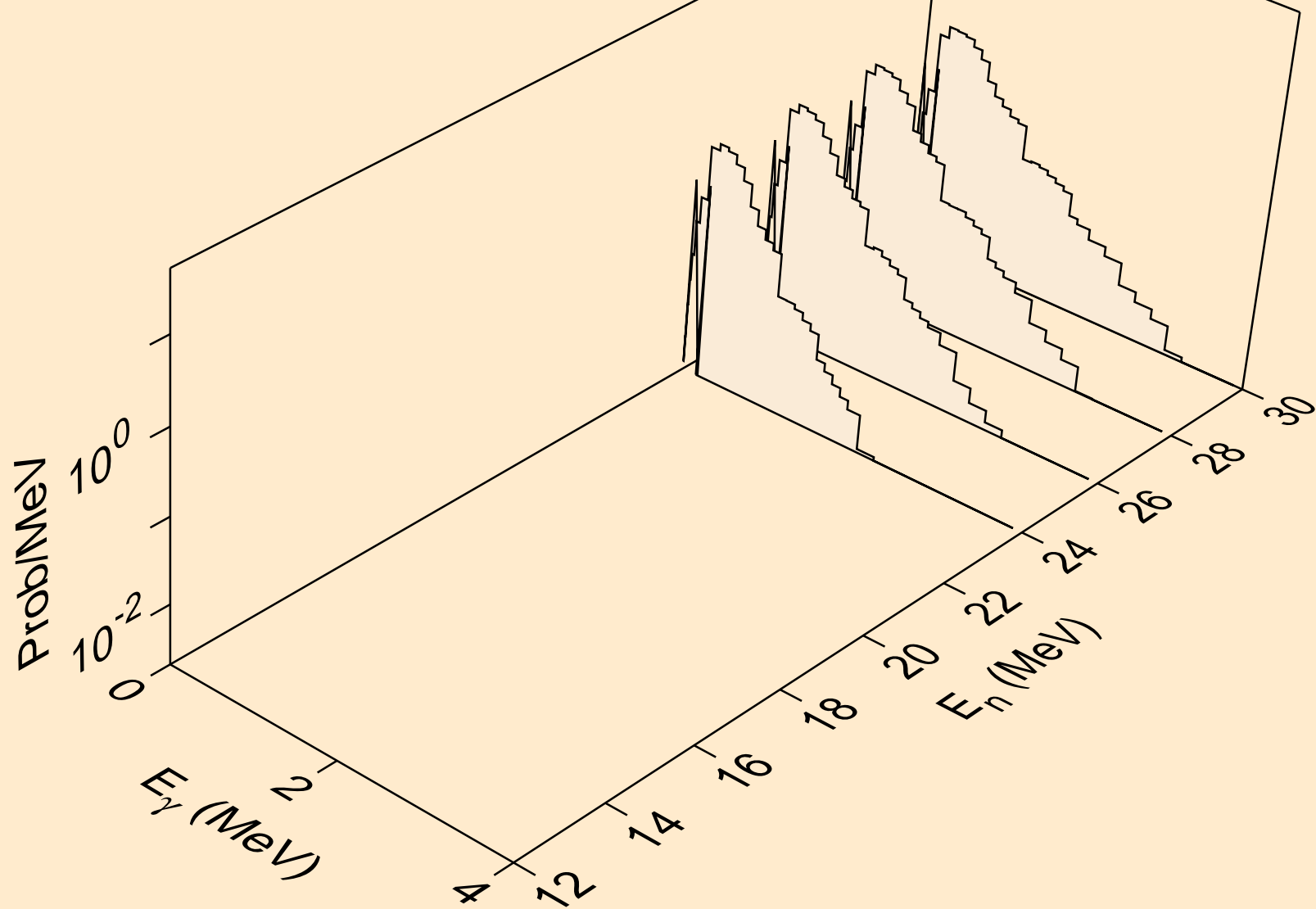
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



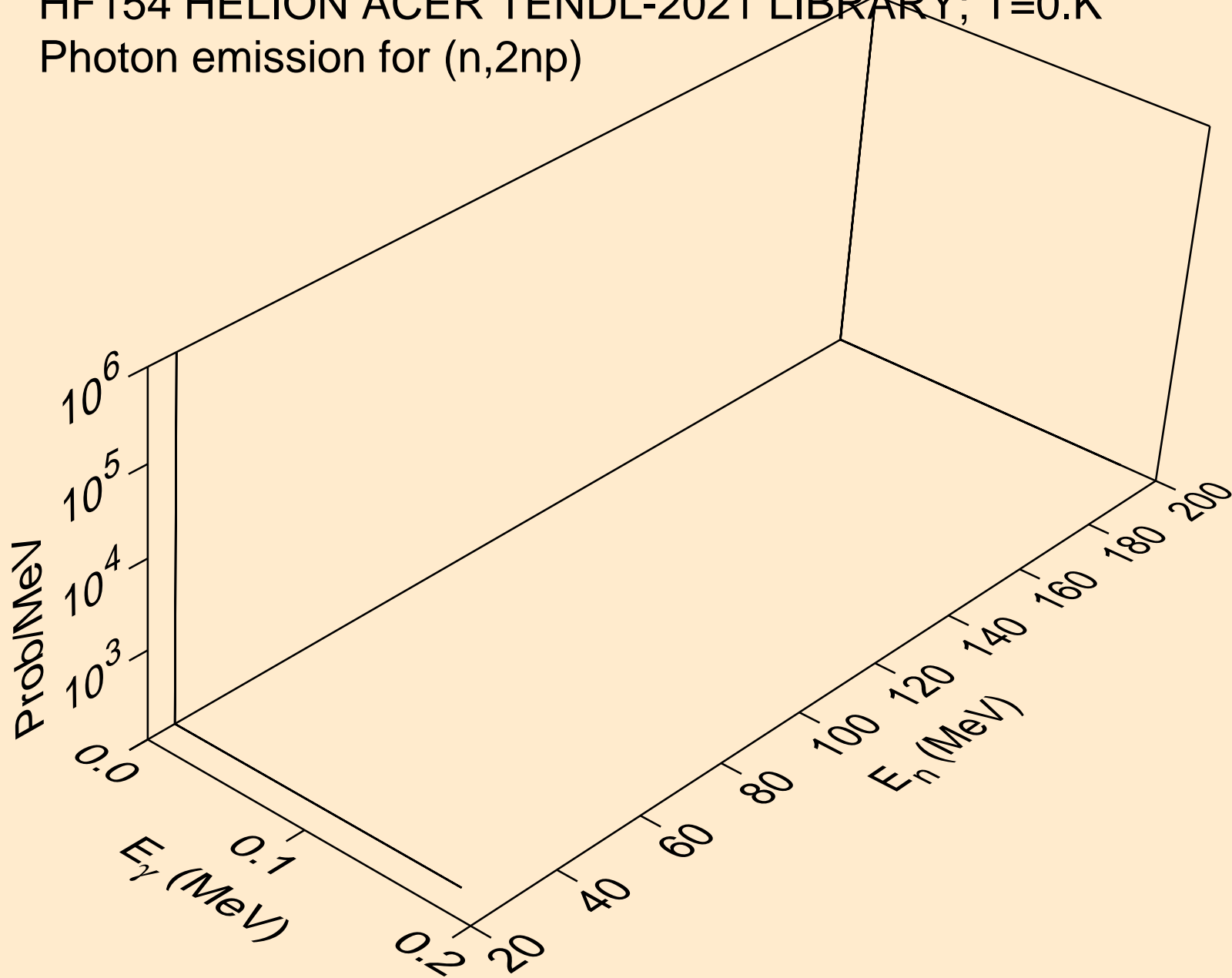
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



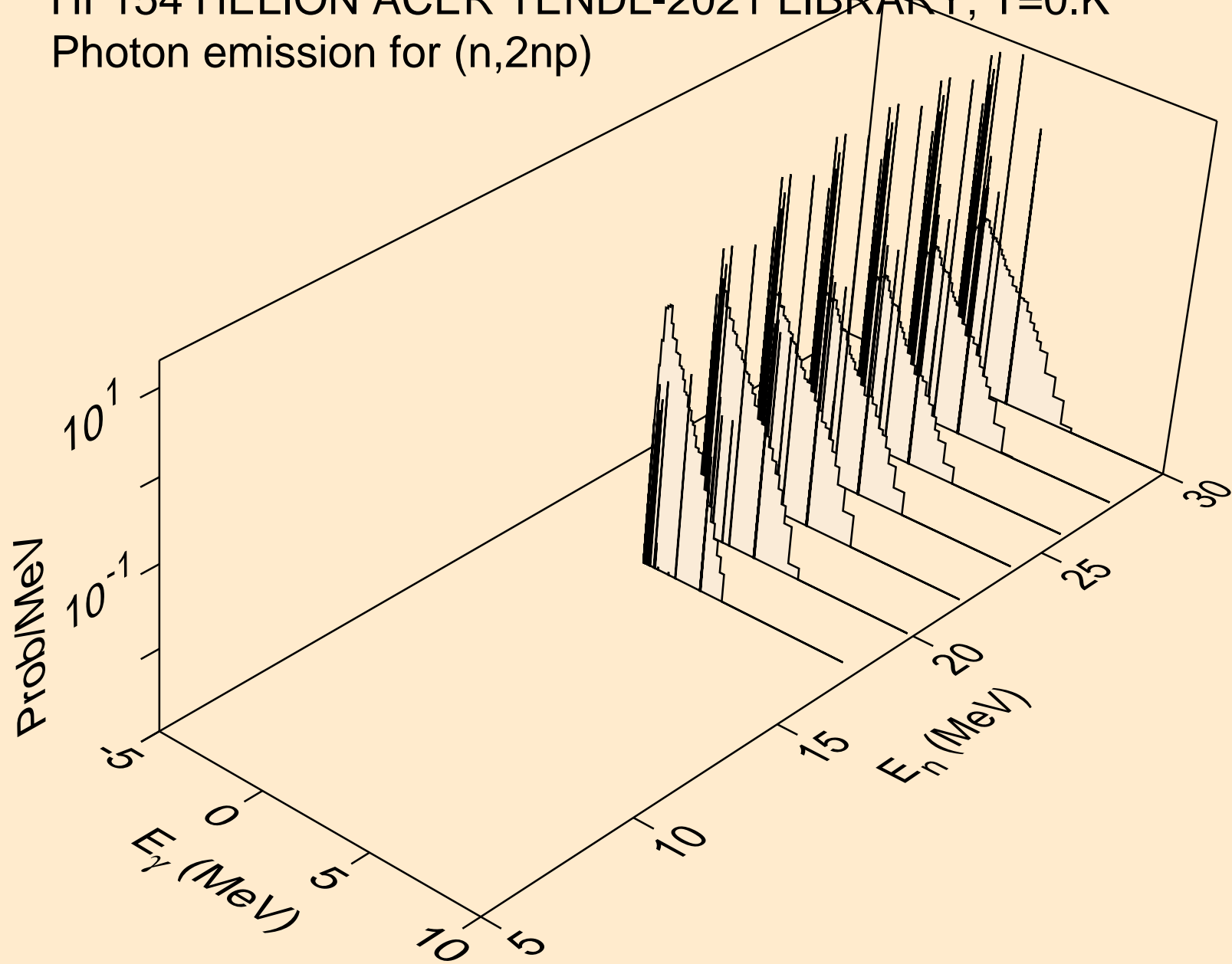
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



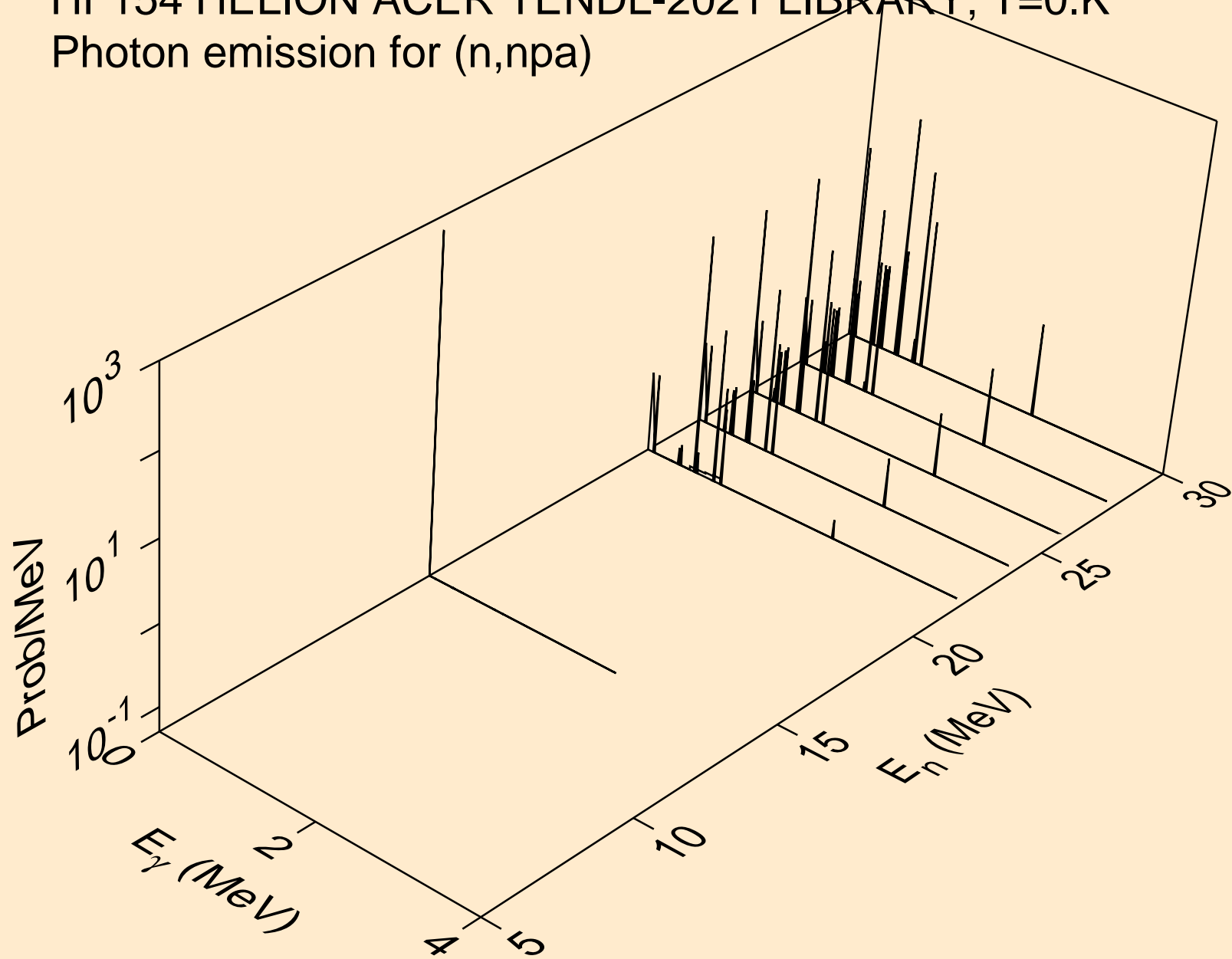
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

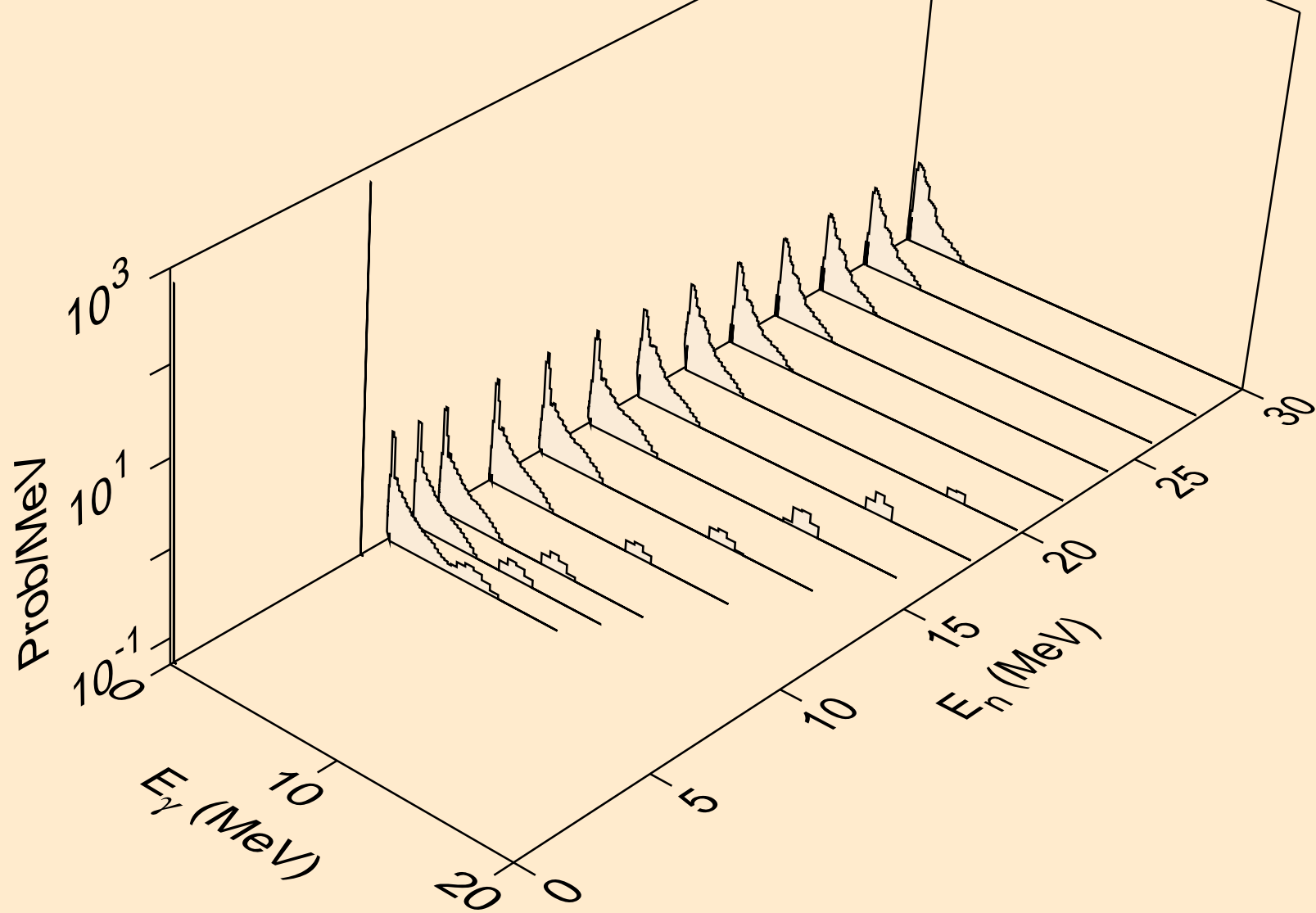


HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

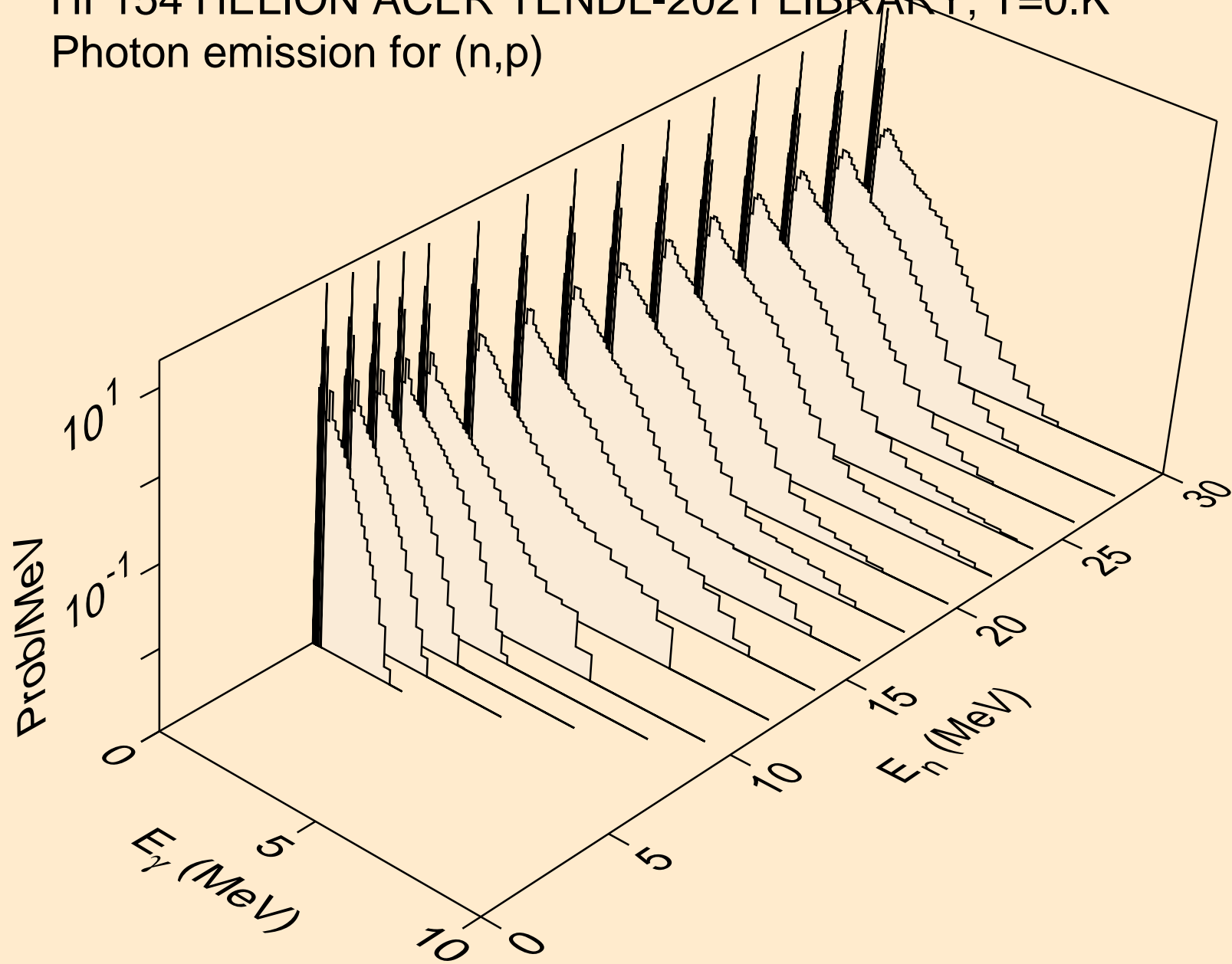




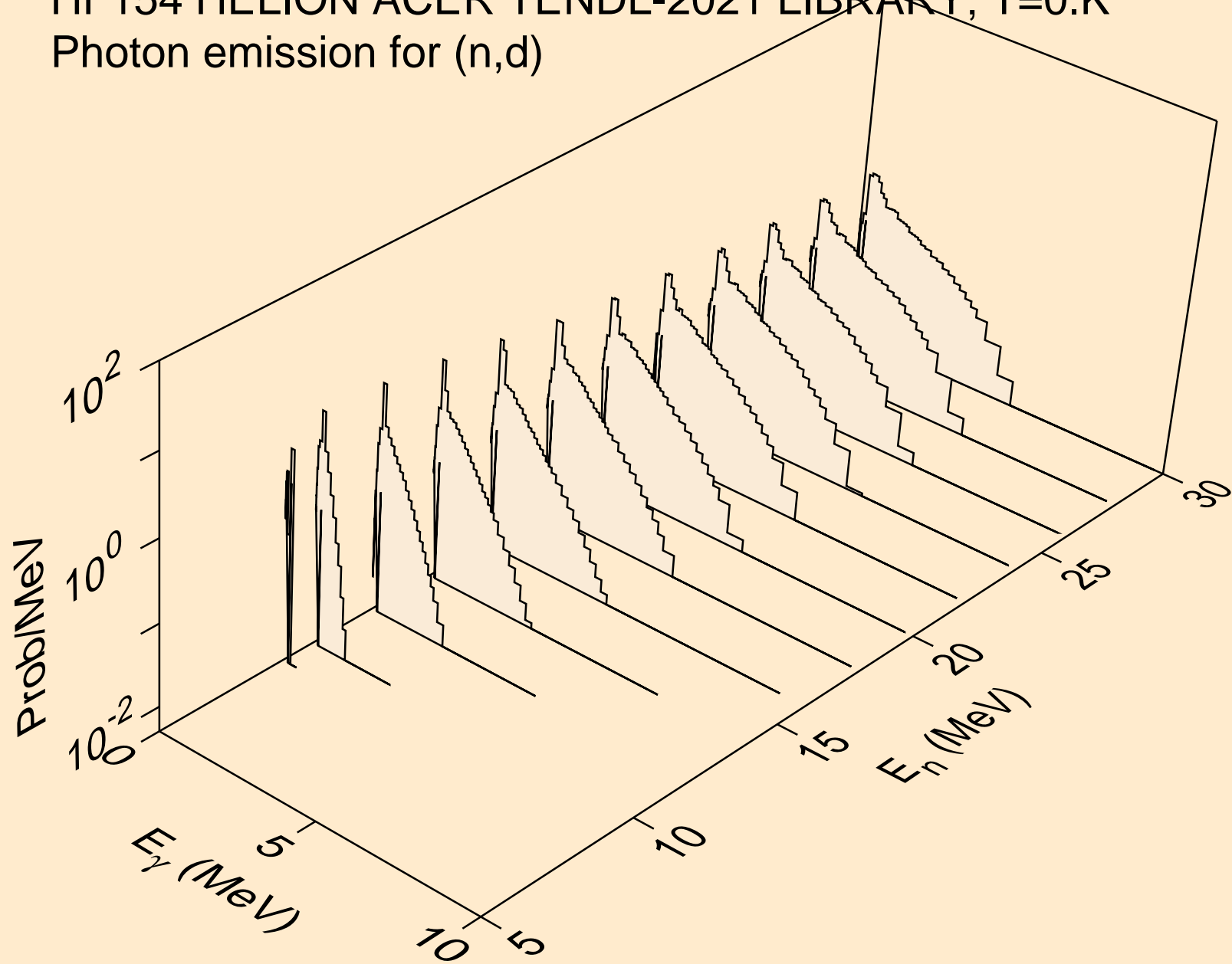
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



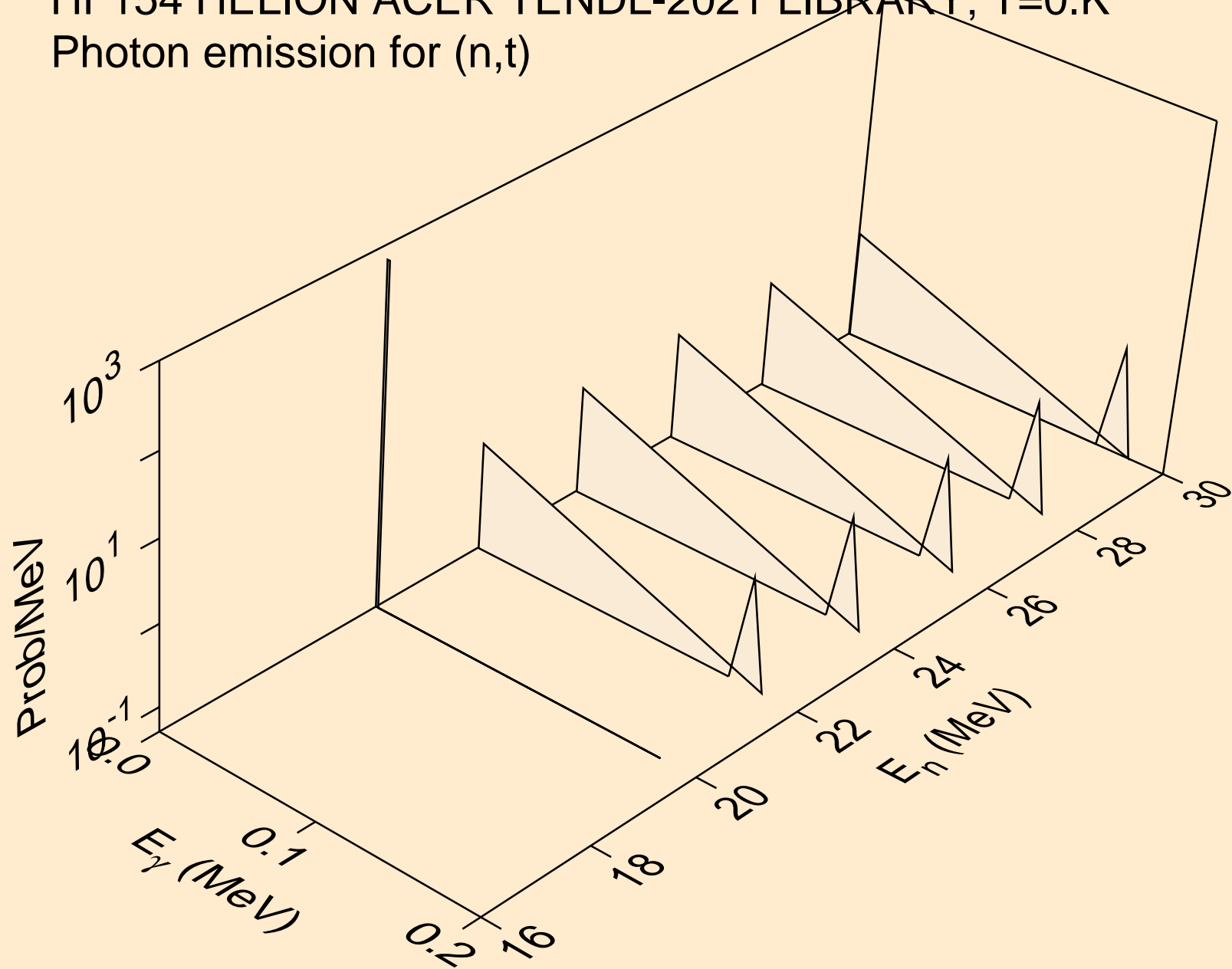
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



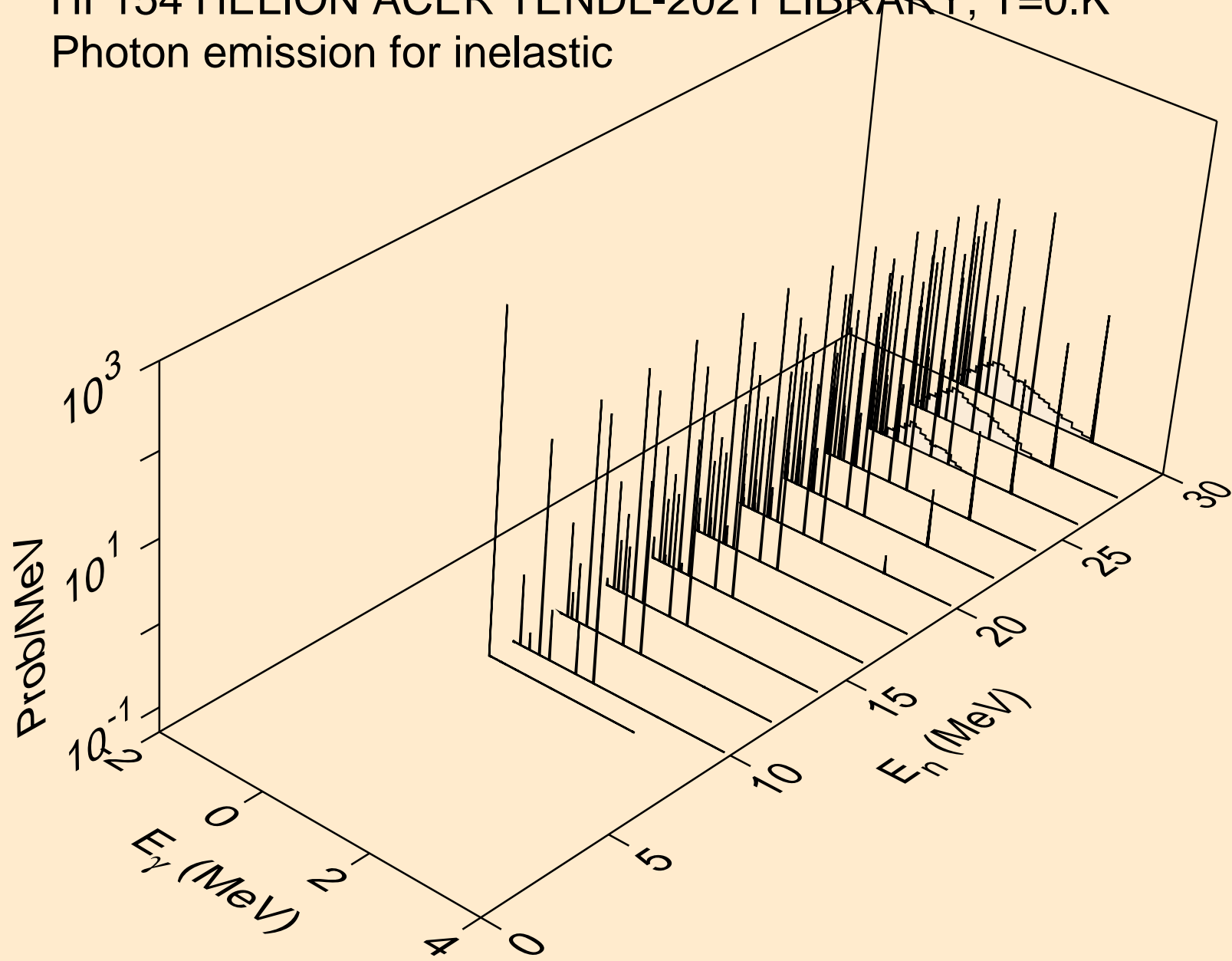
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



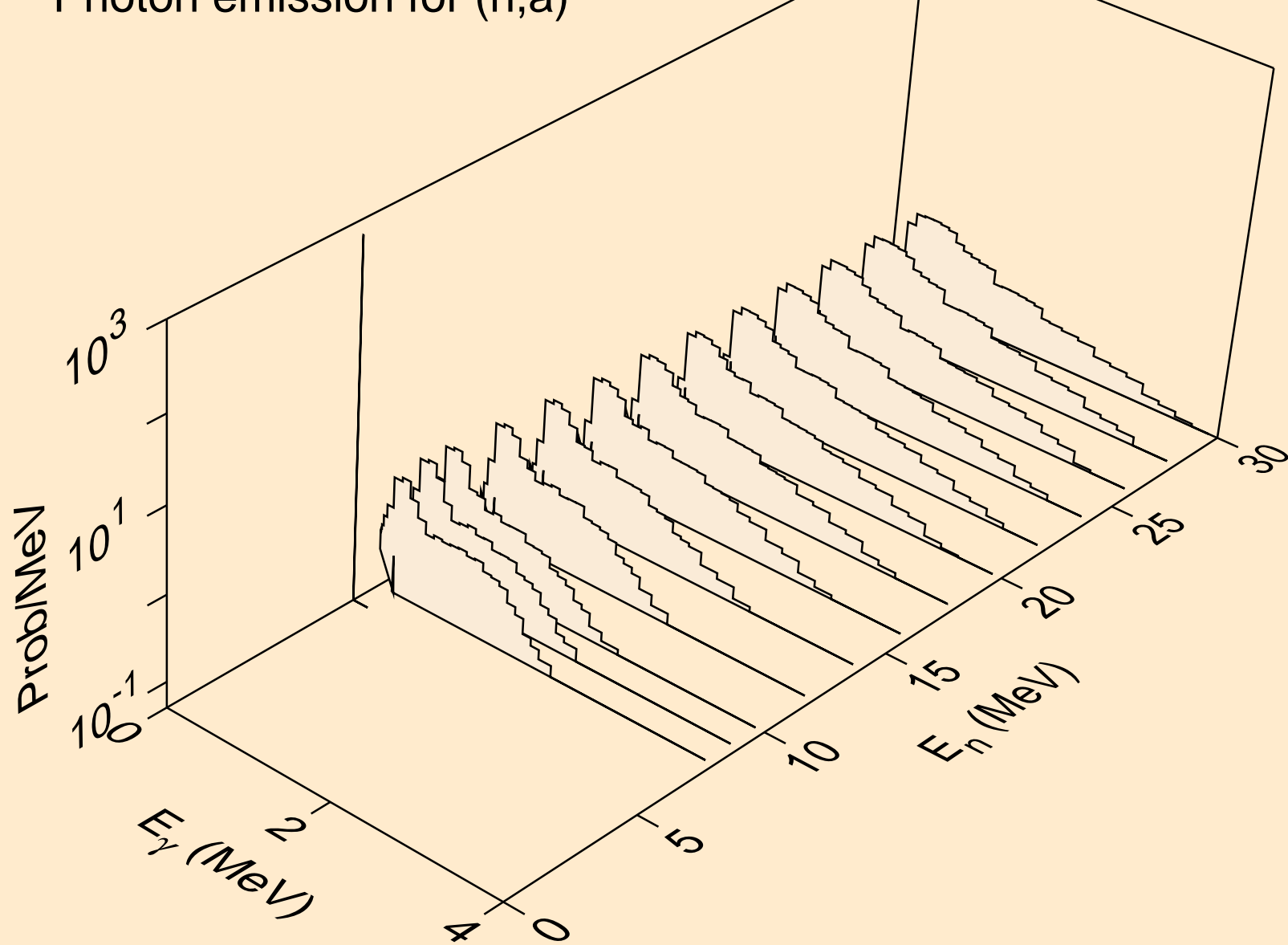
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



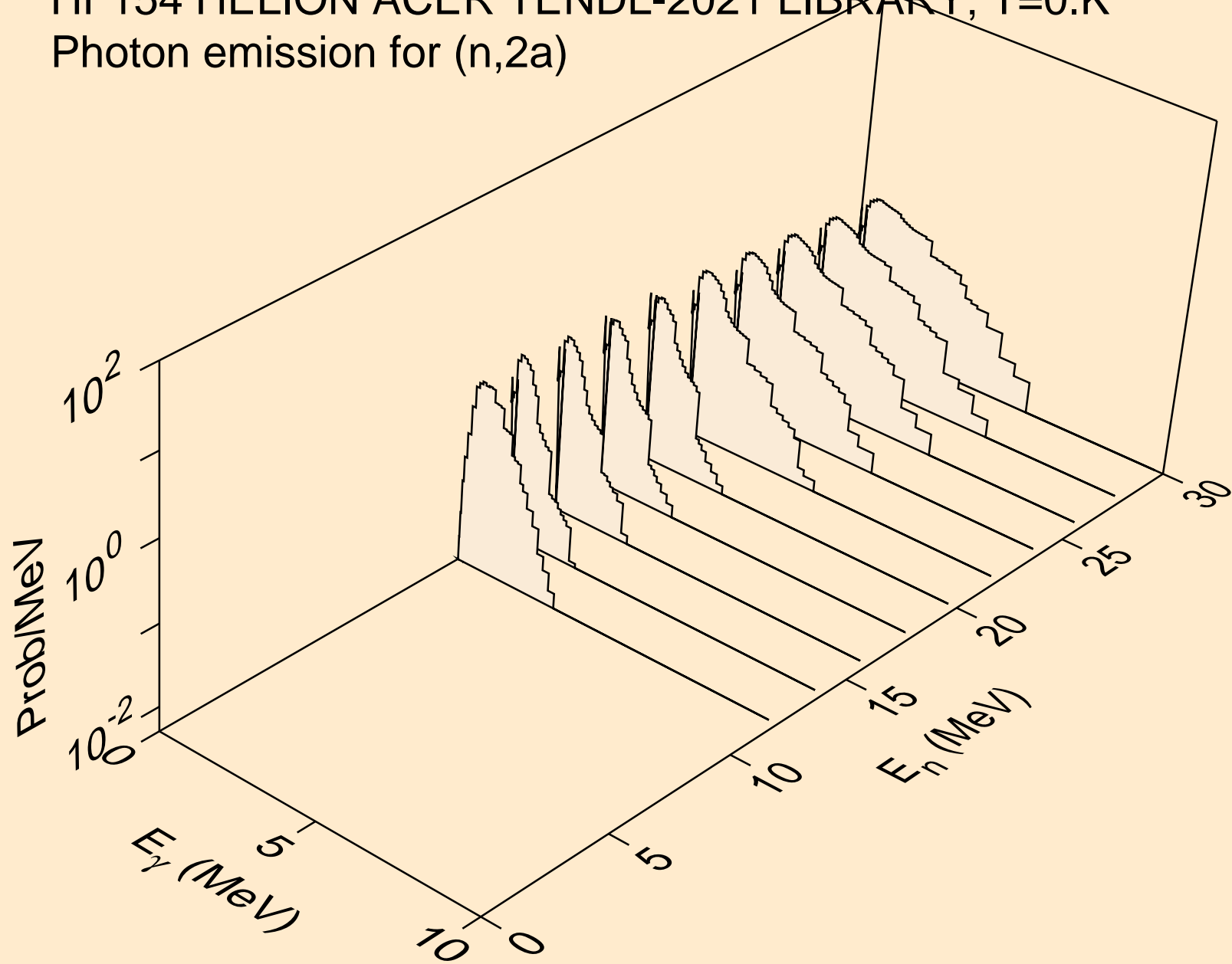
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



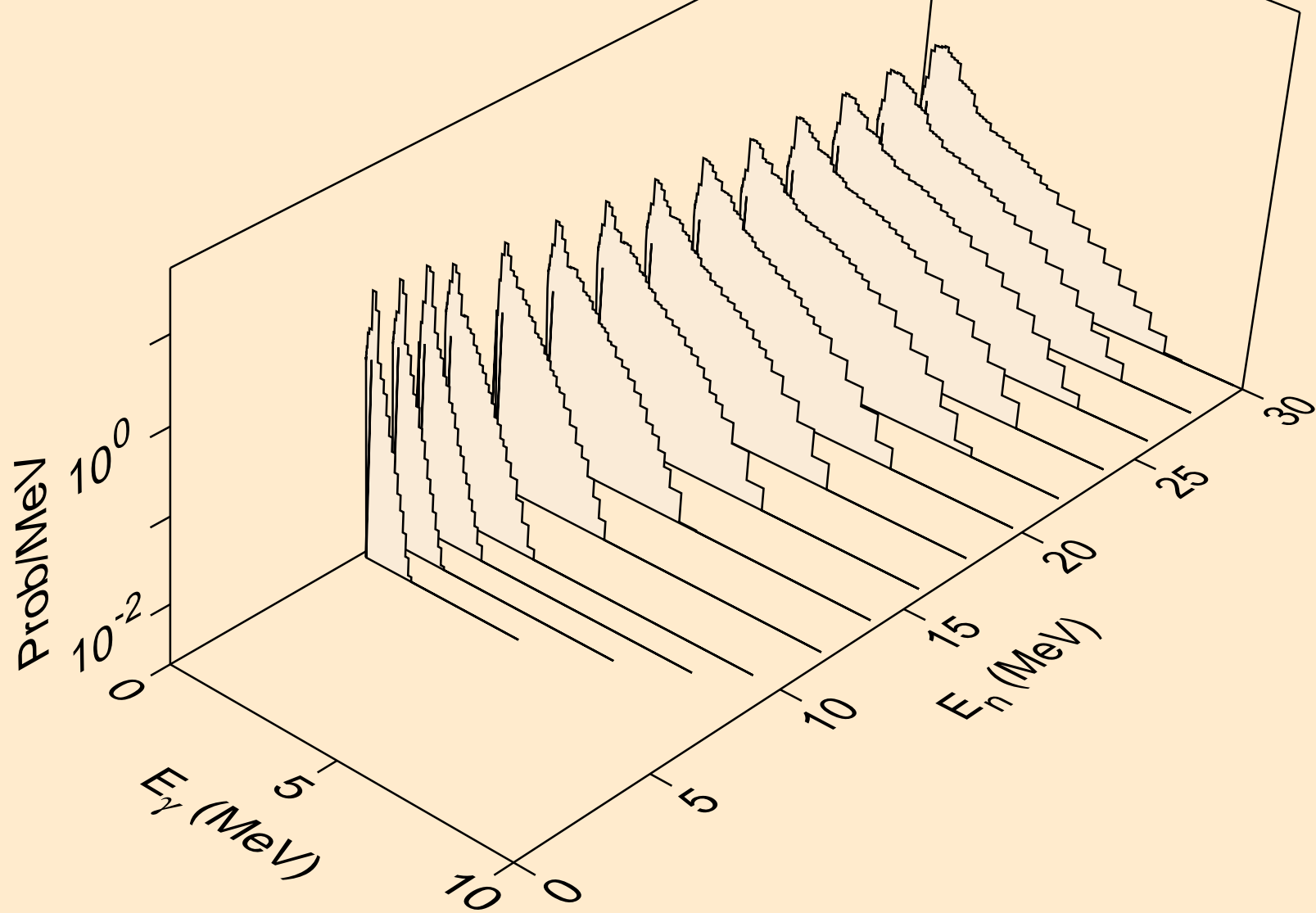
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

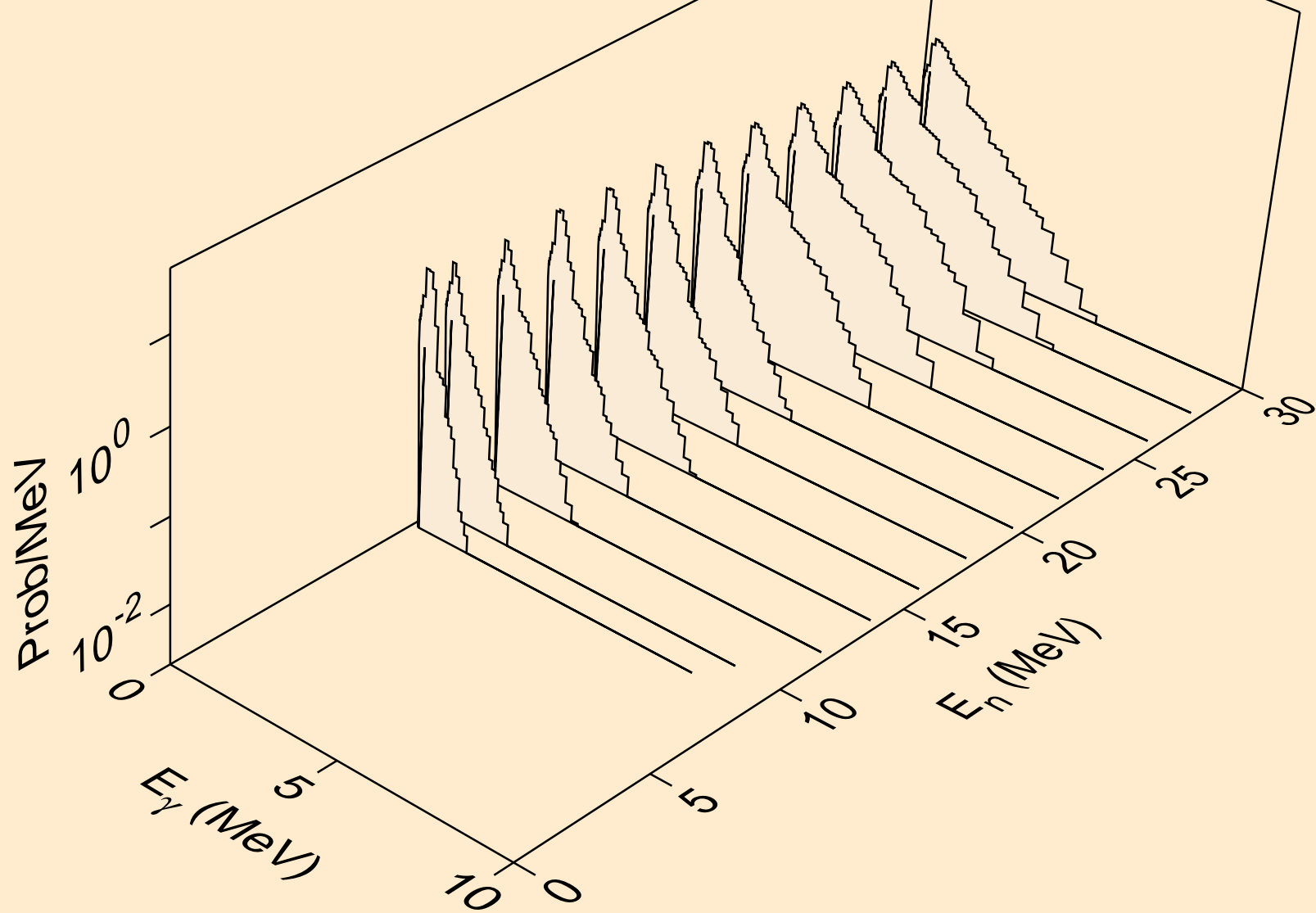


HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

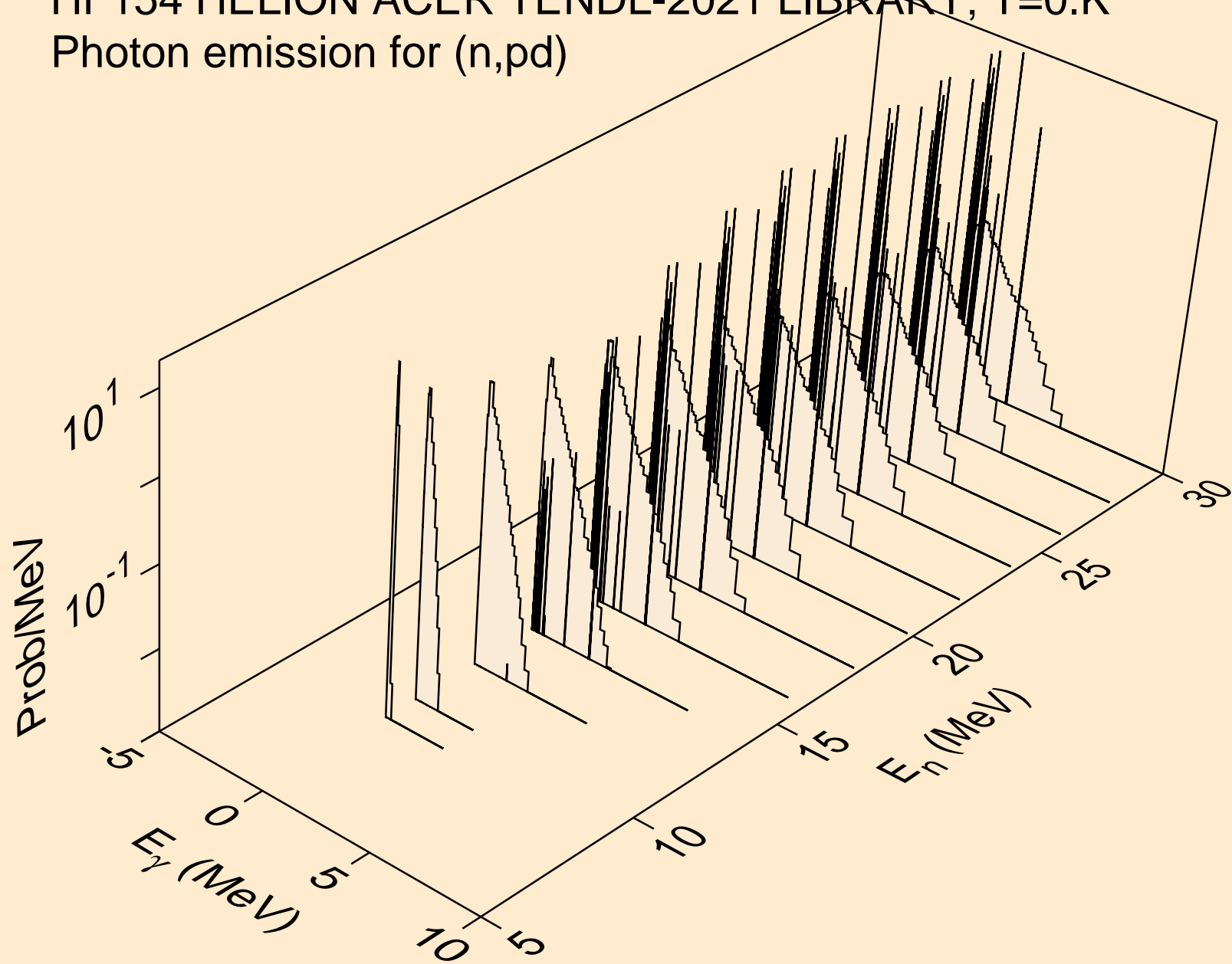




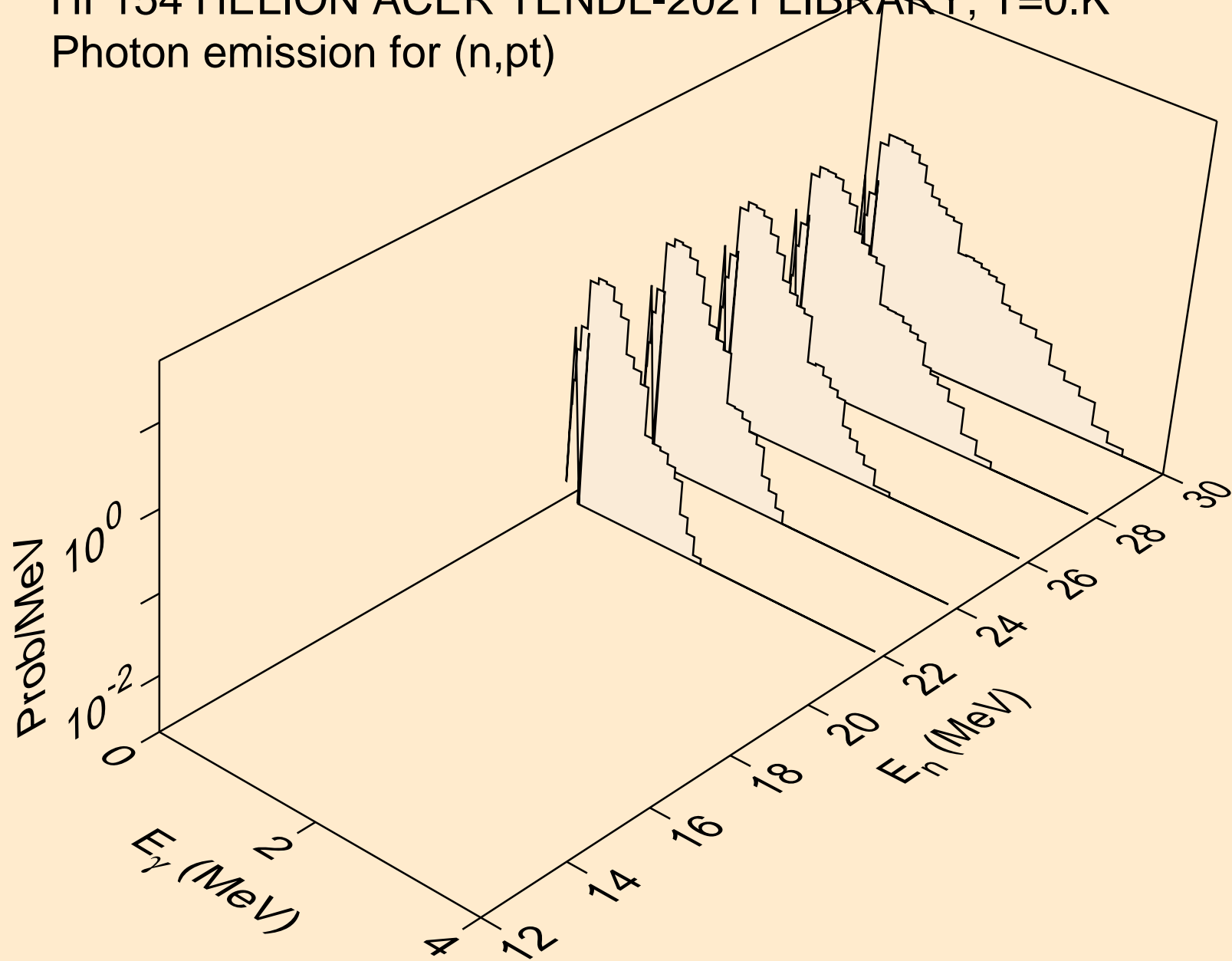
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



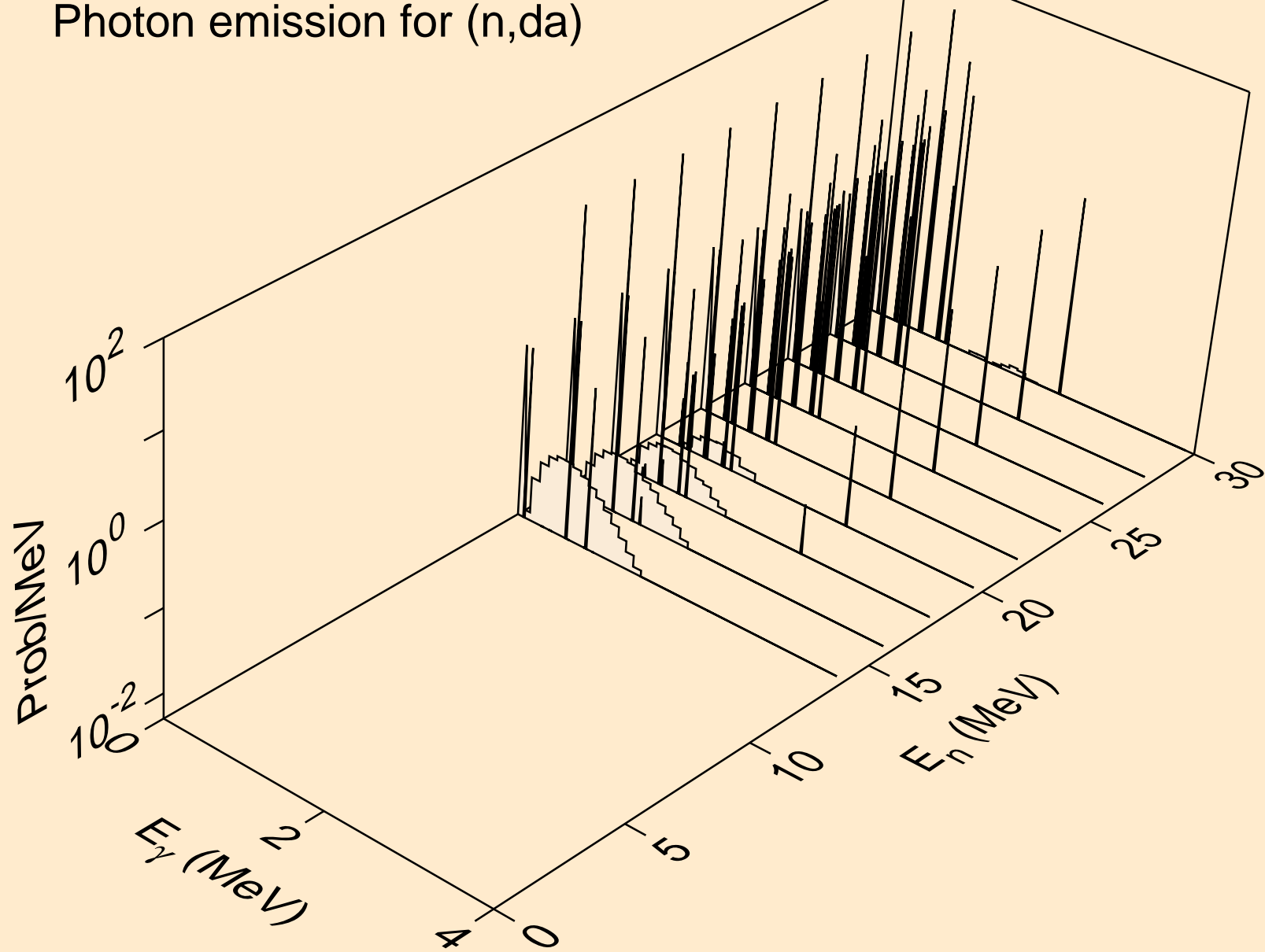
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



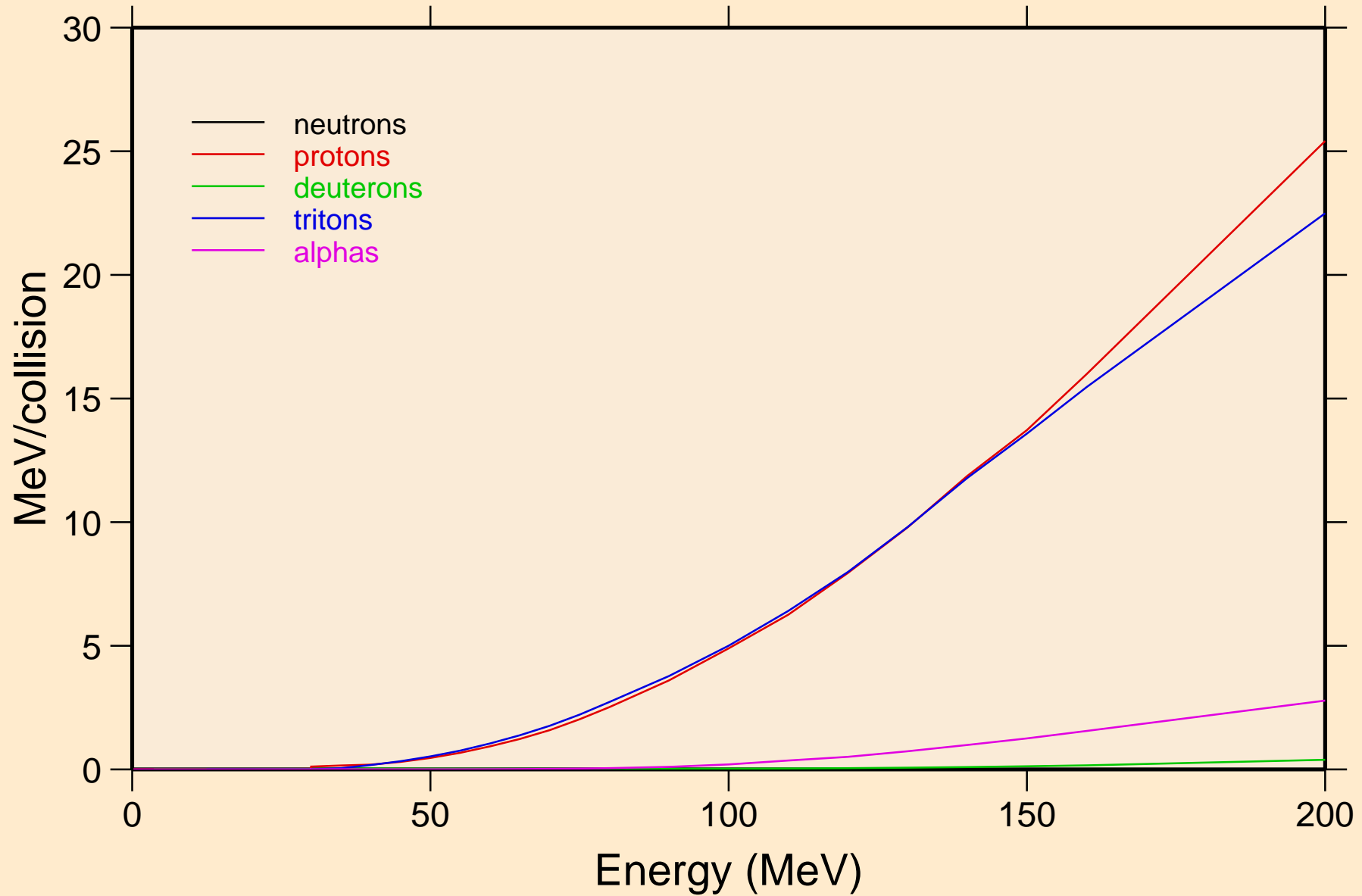
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Photon emission for (n,pt)



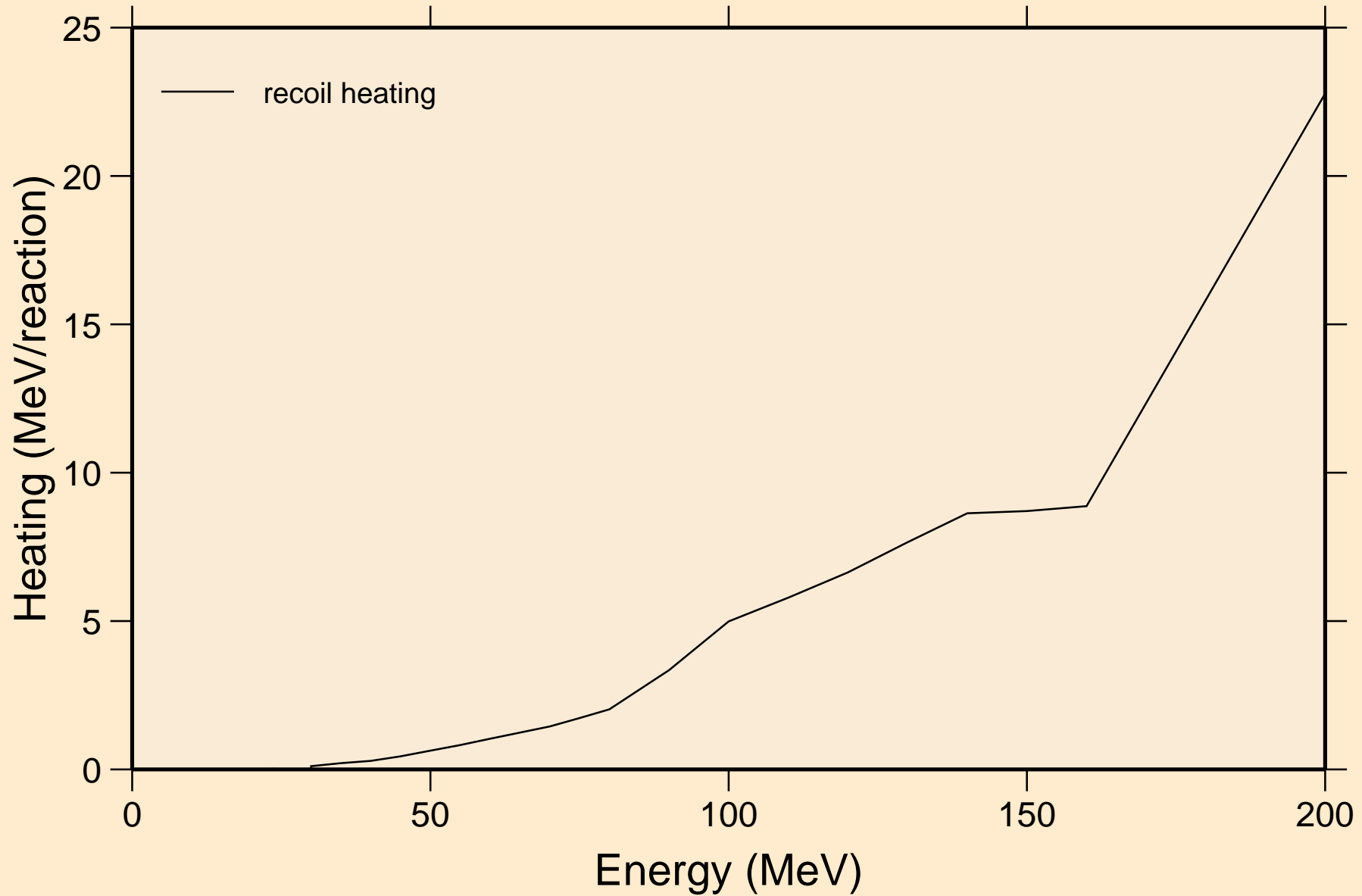
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Photon emission for (n,da)



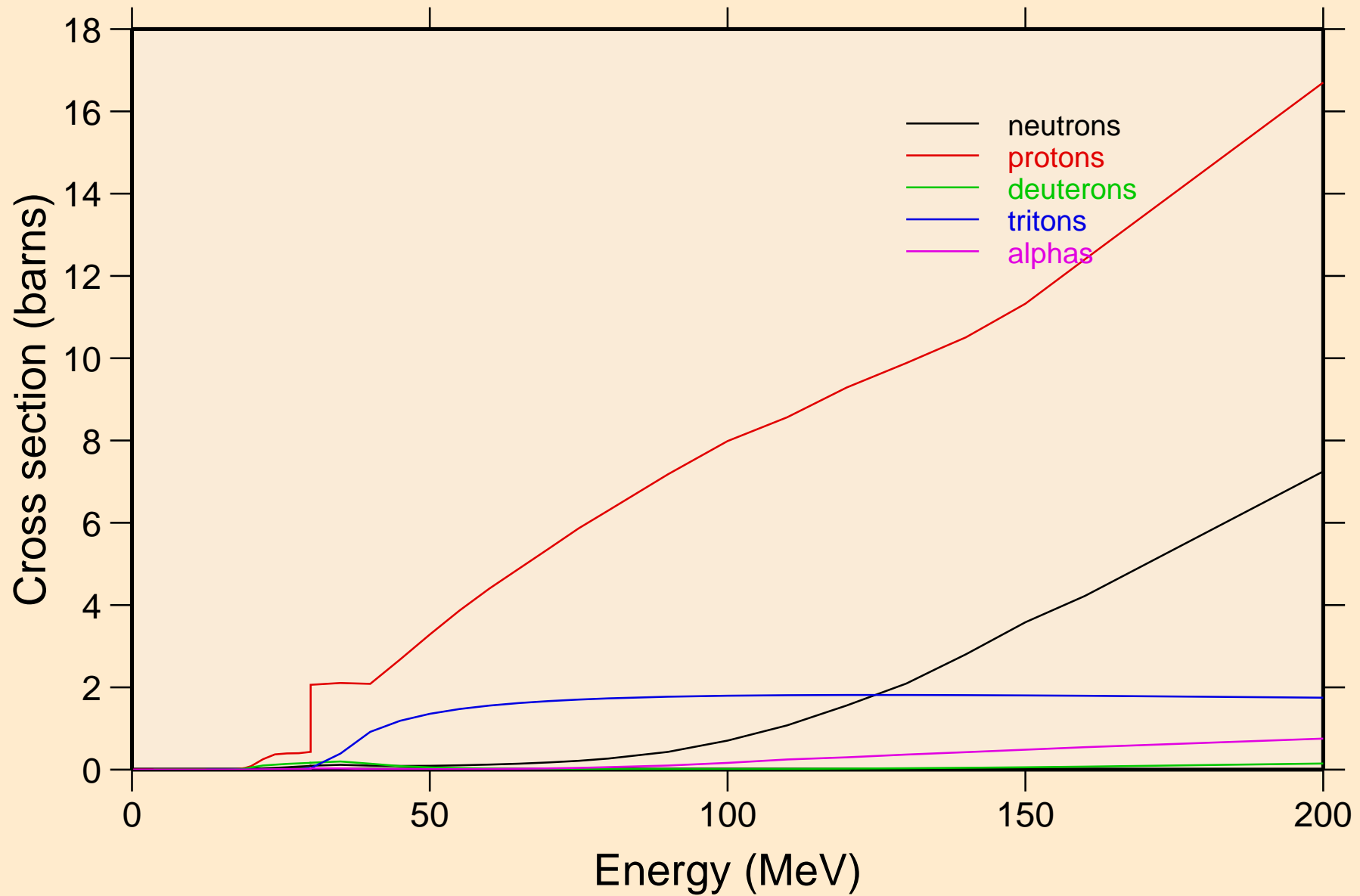
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



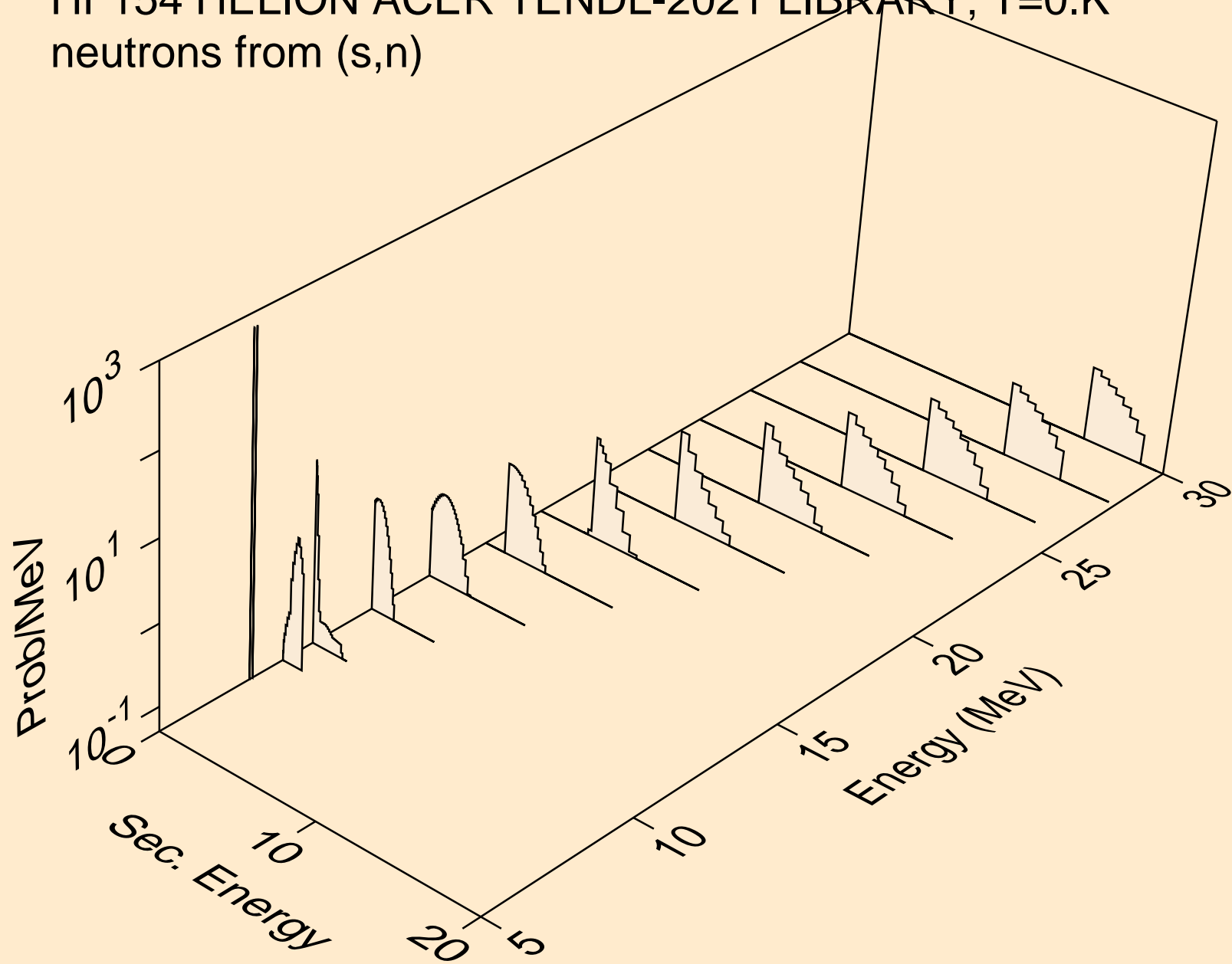
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

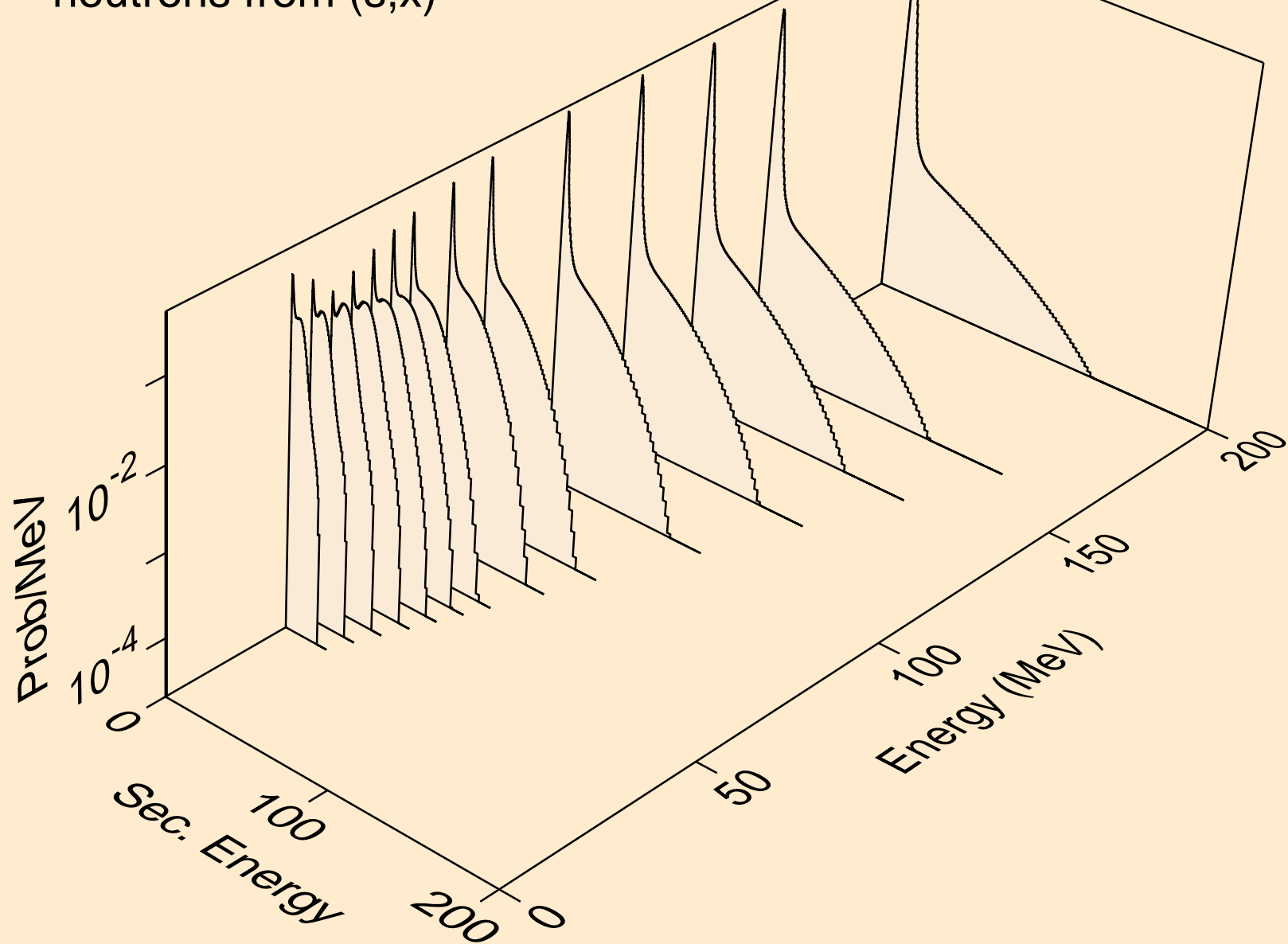


HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

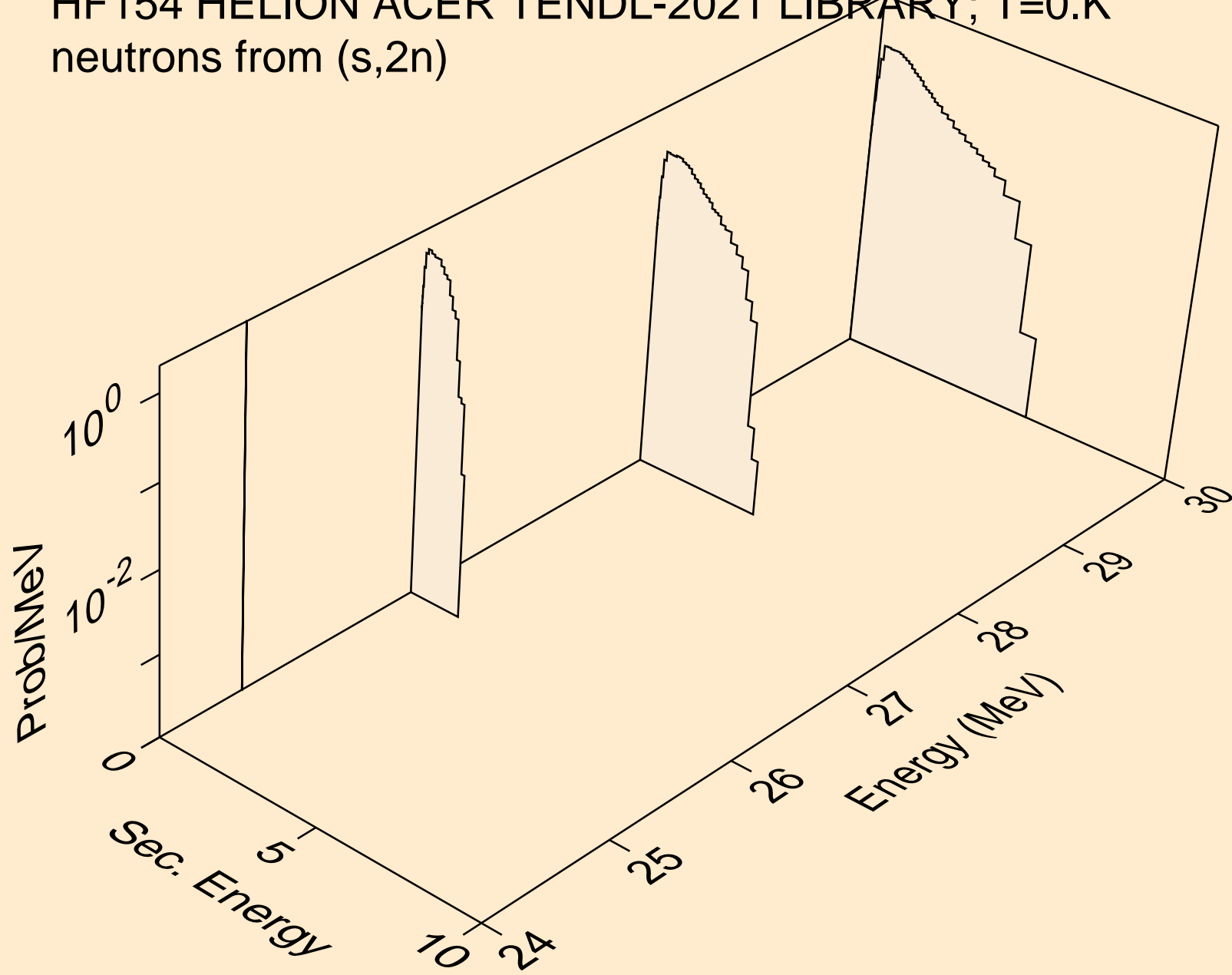




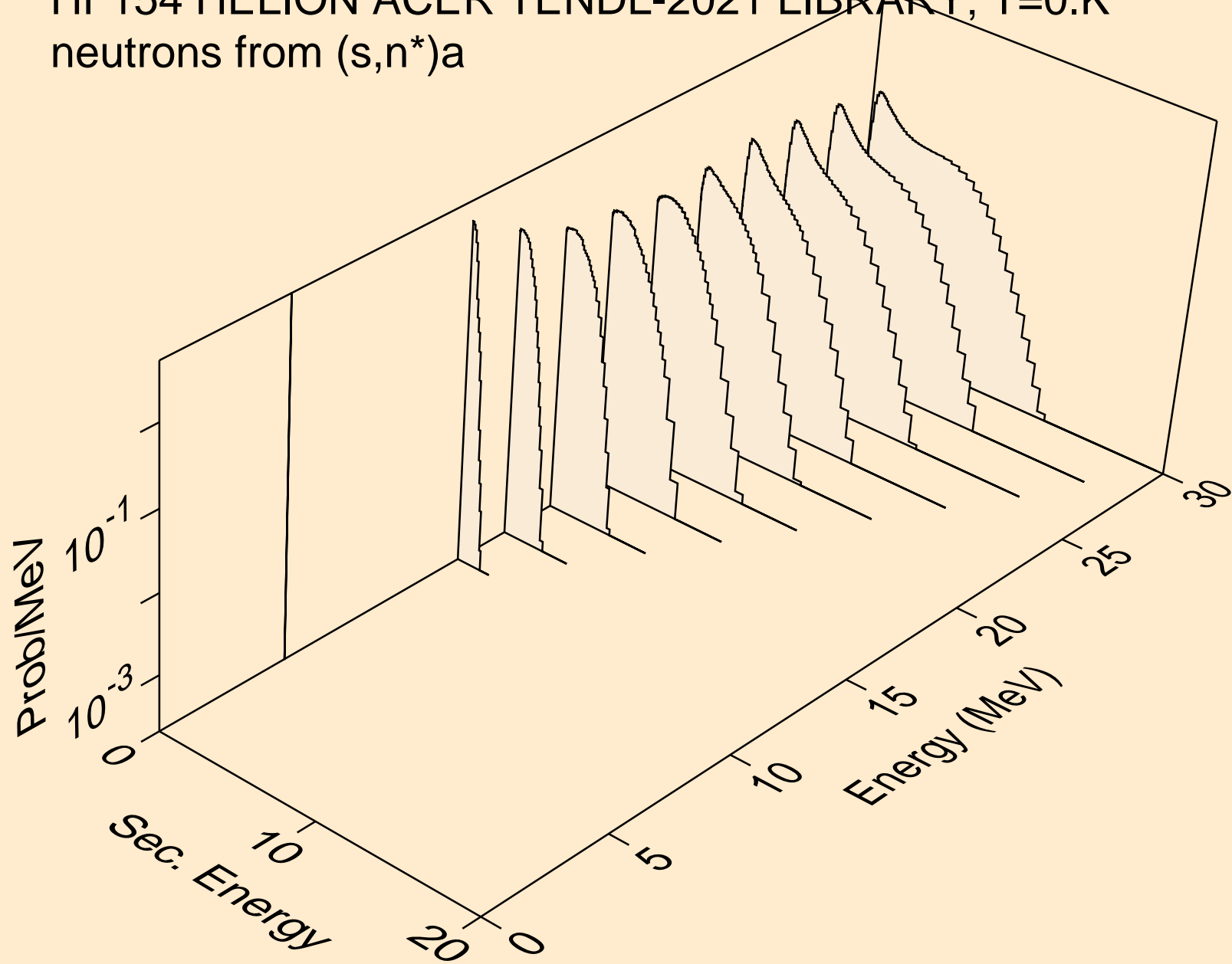
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



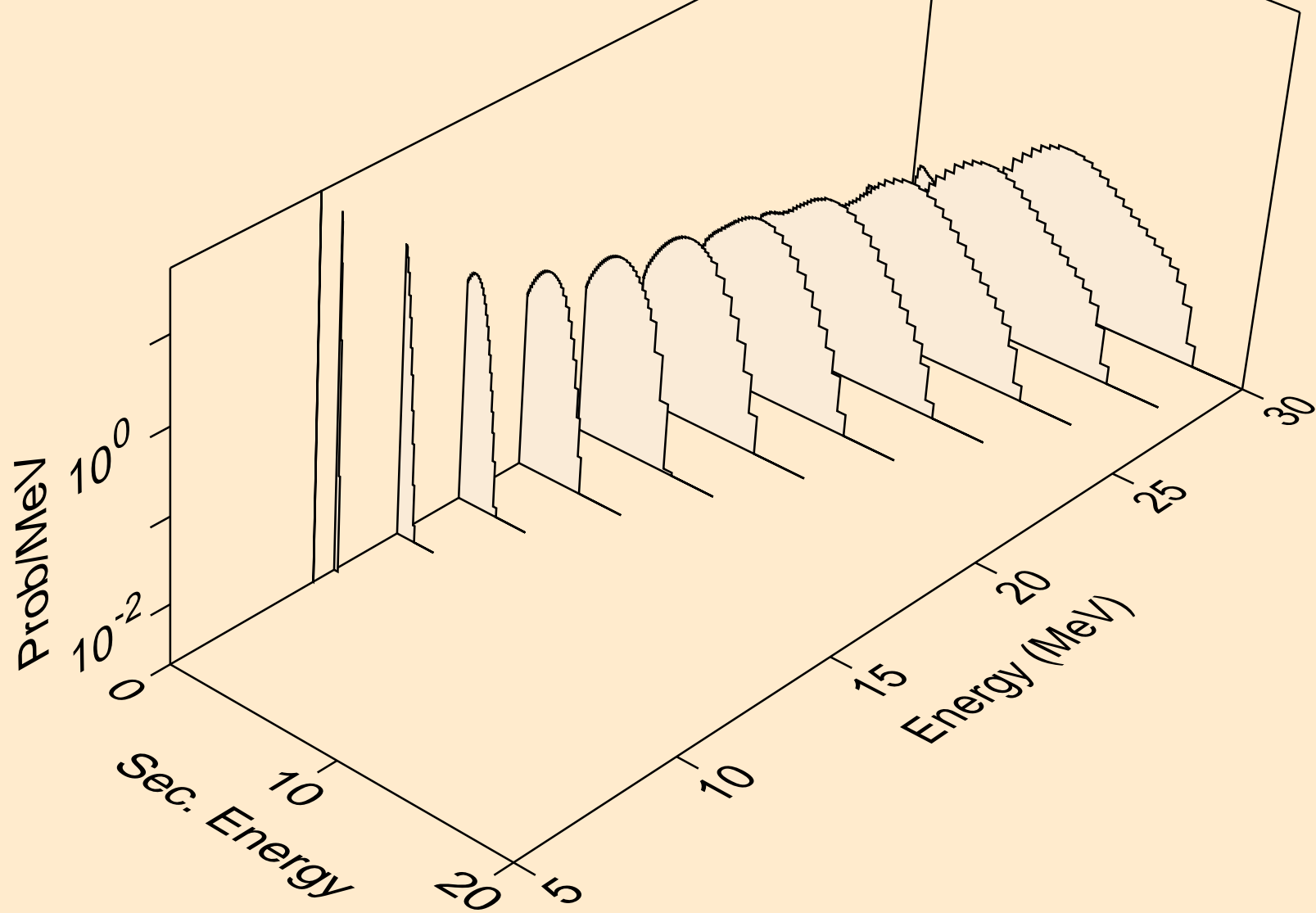
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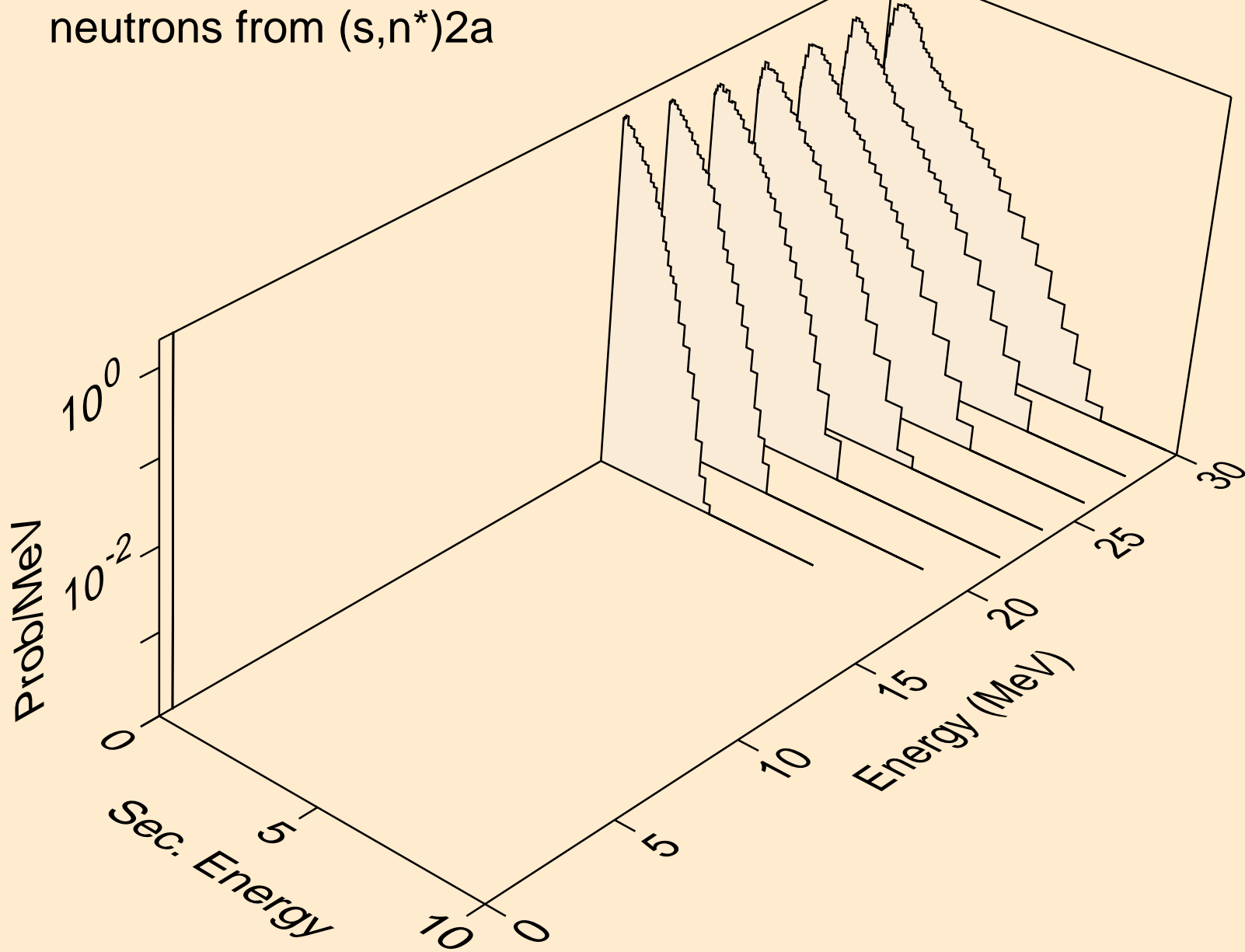
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



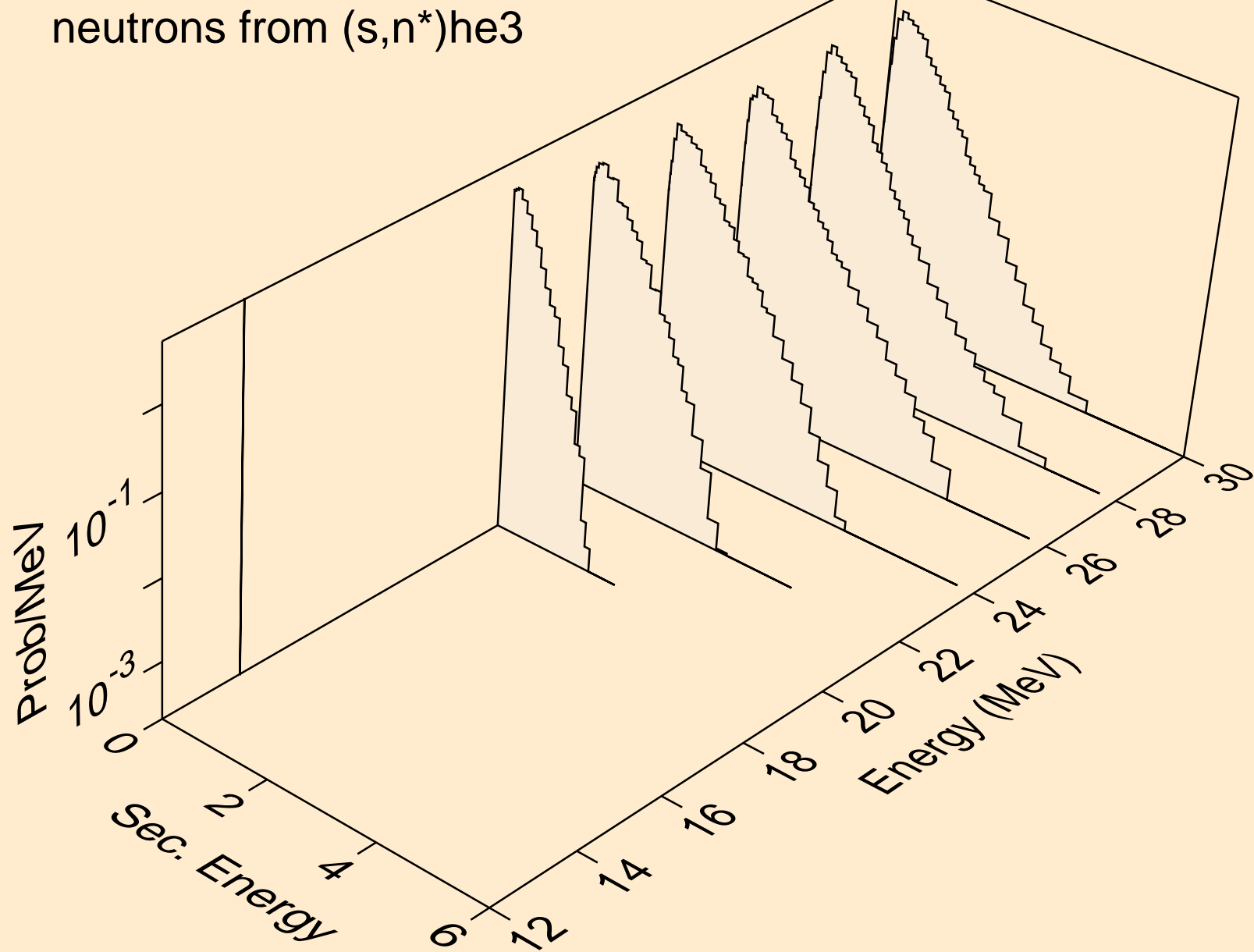
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neutrons from (s,n\*)p



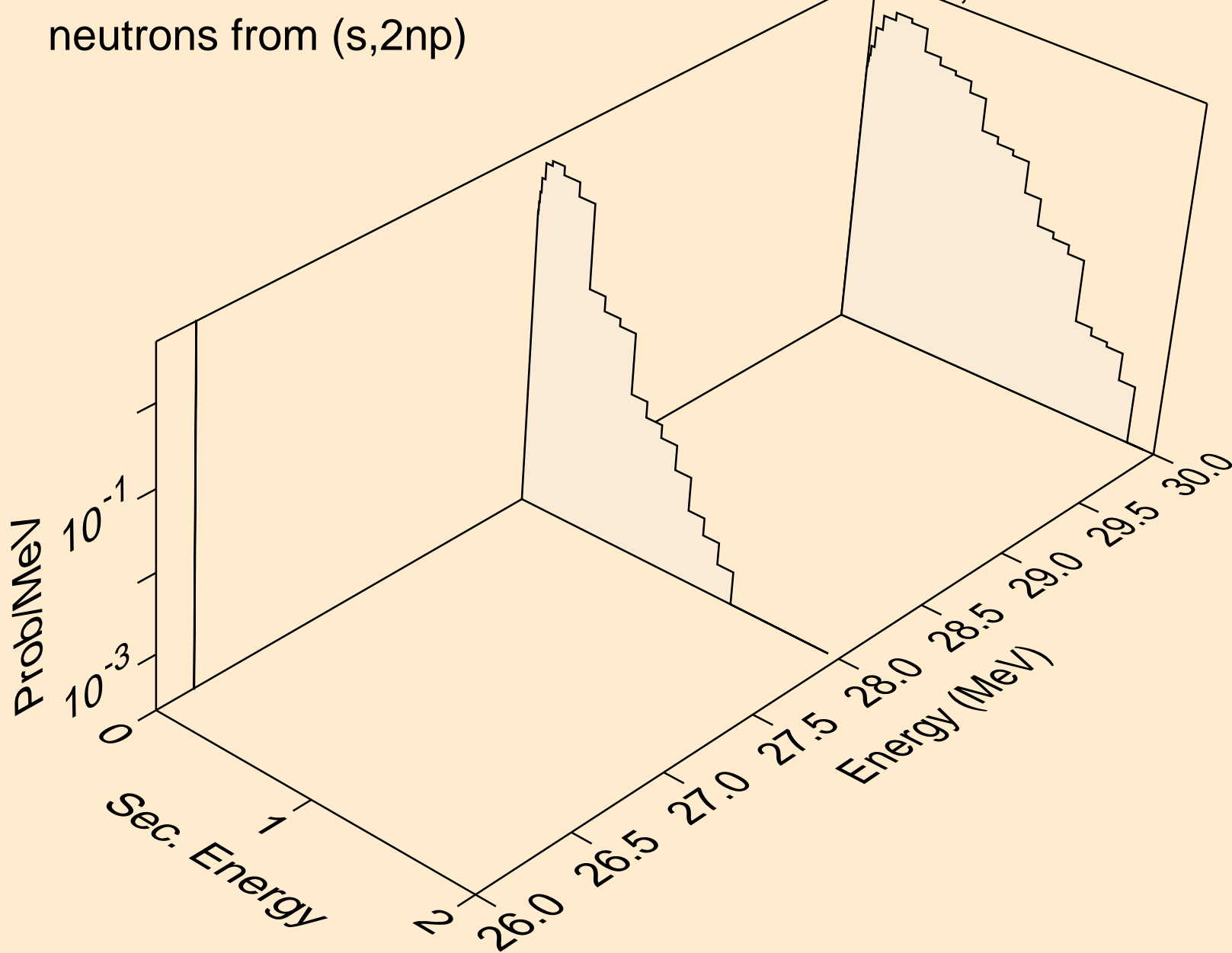
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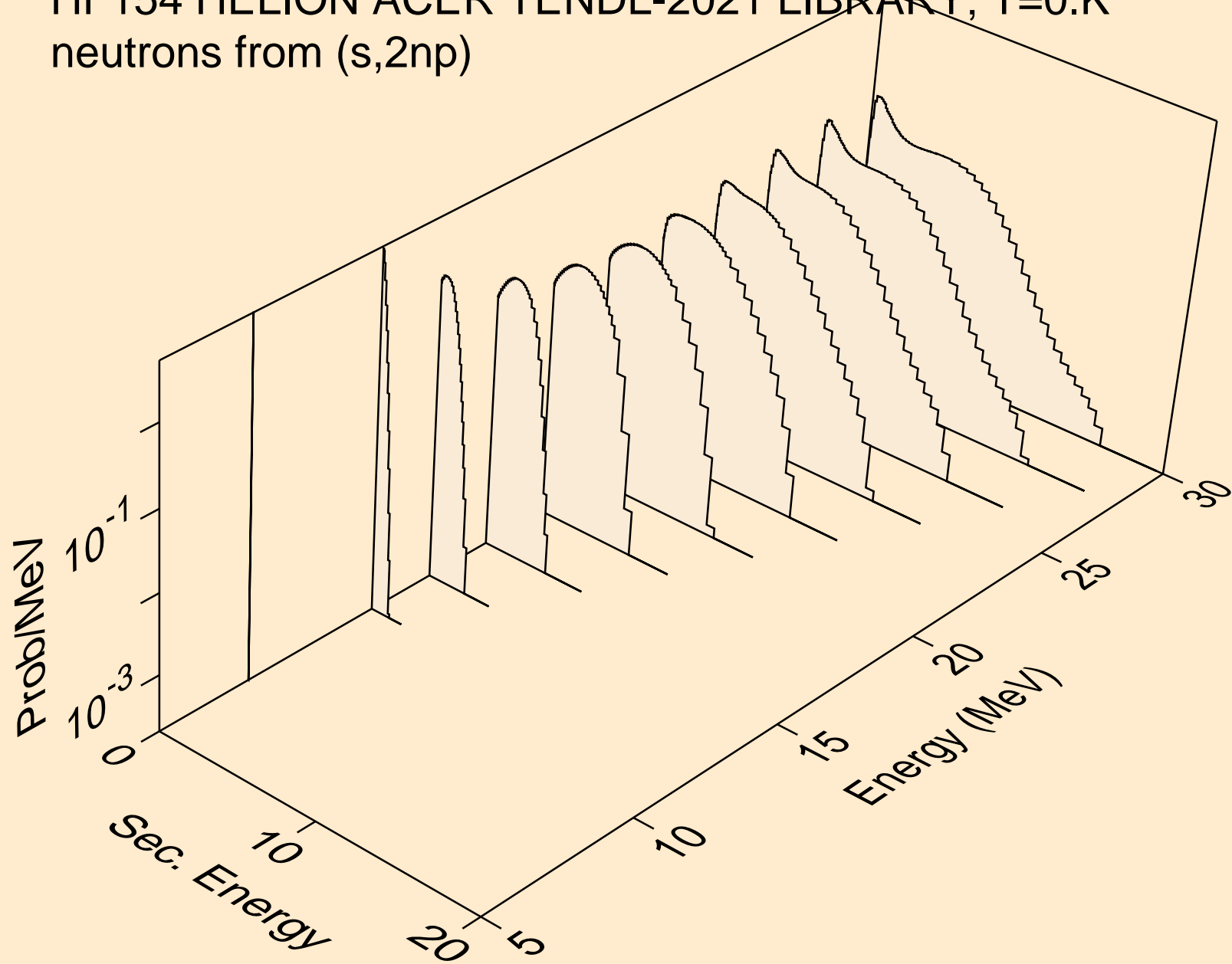
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

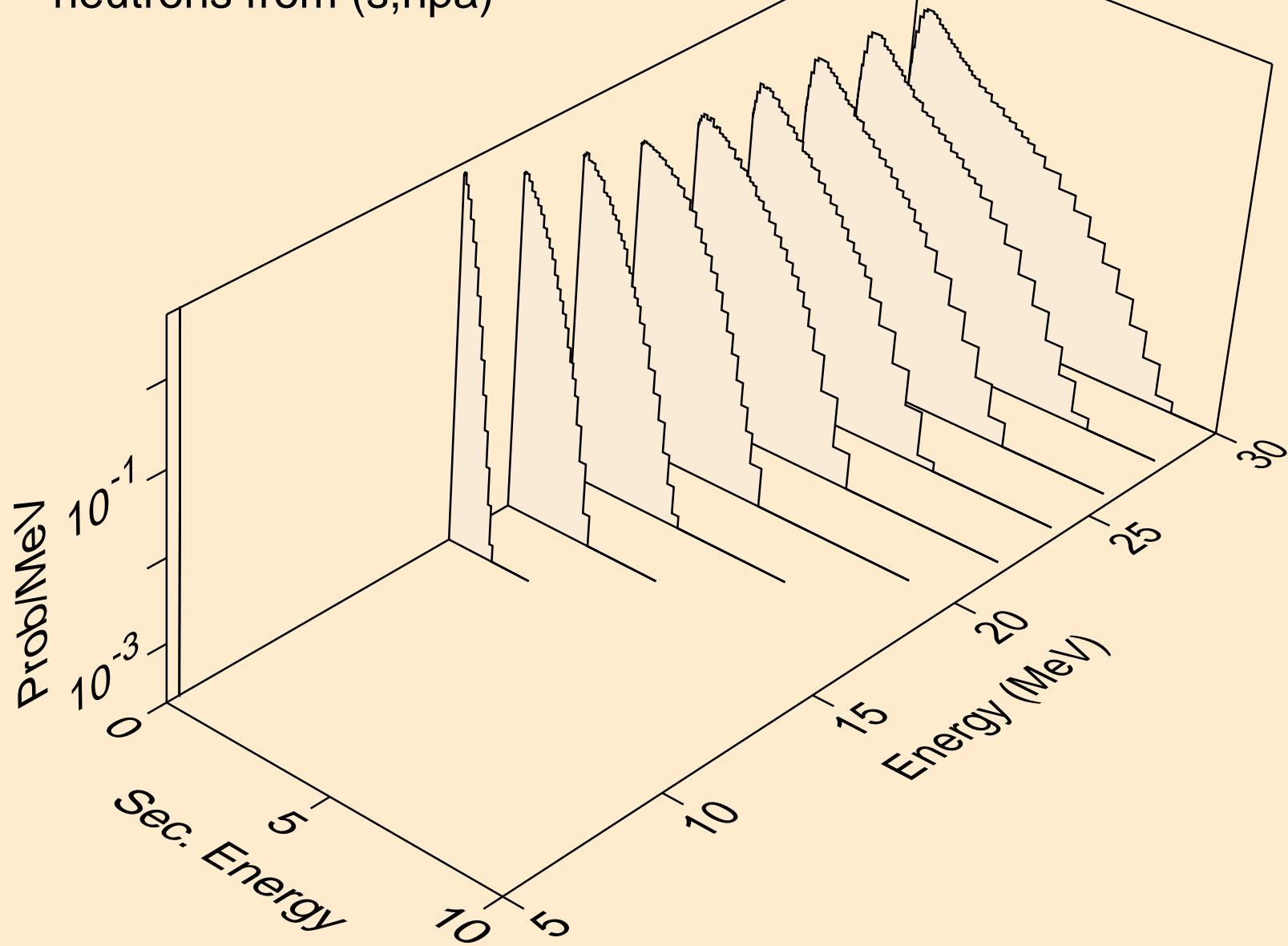


HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

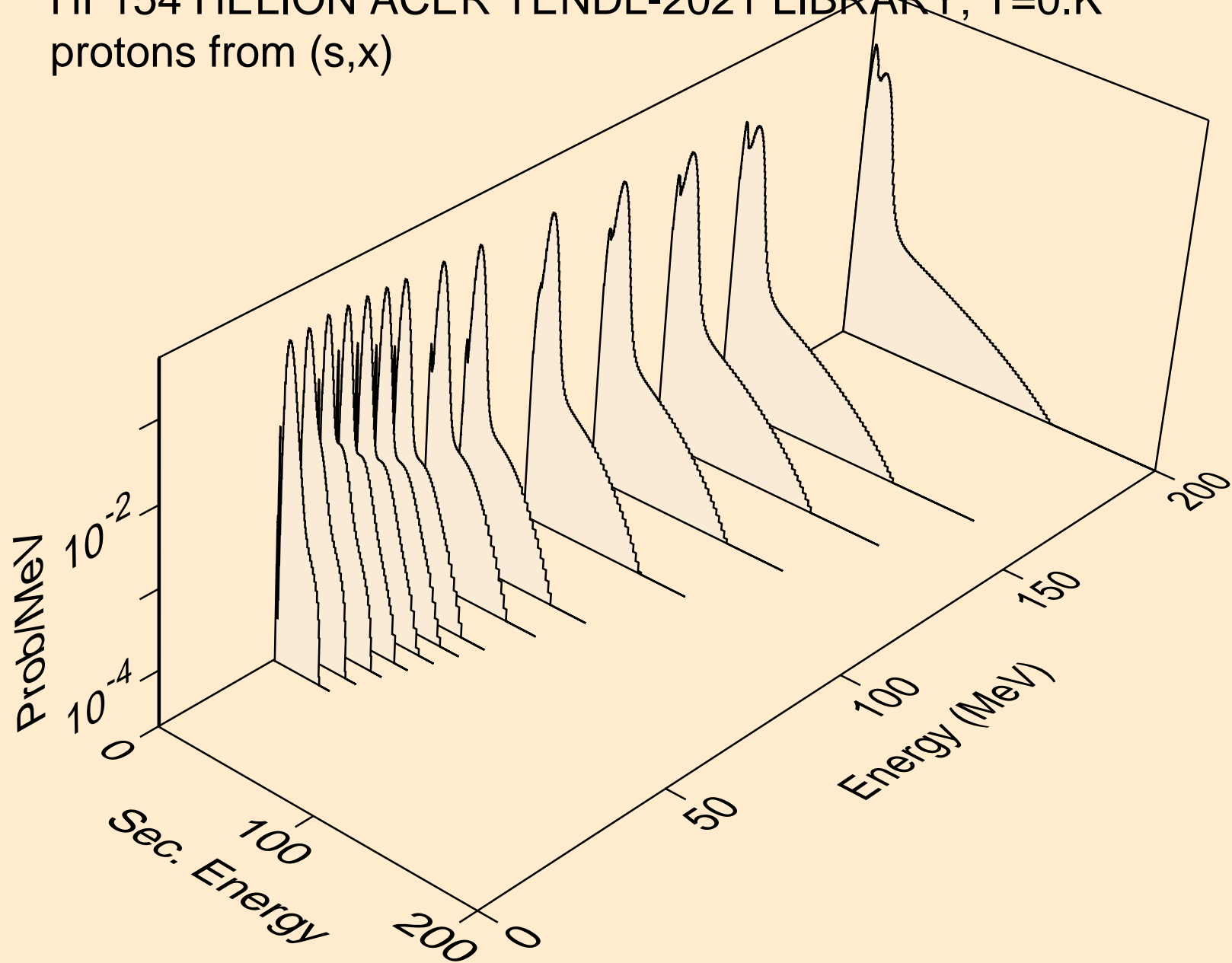




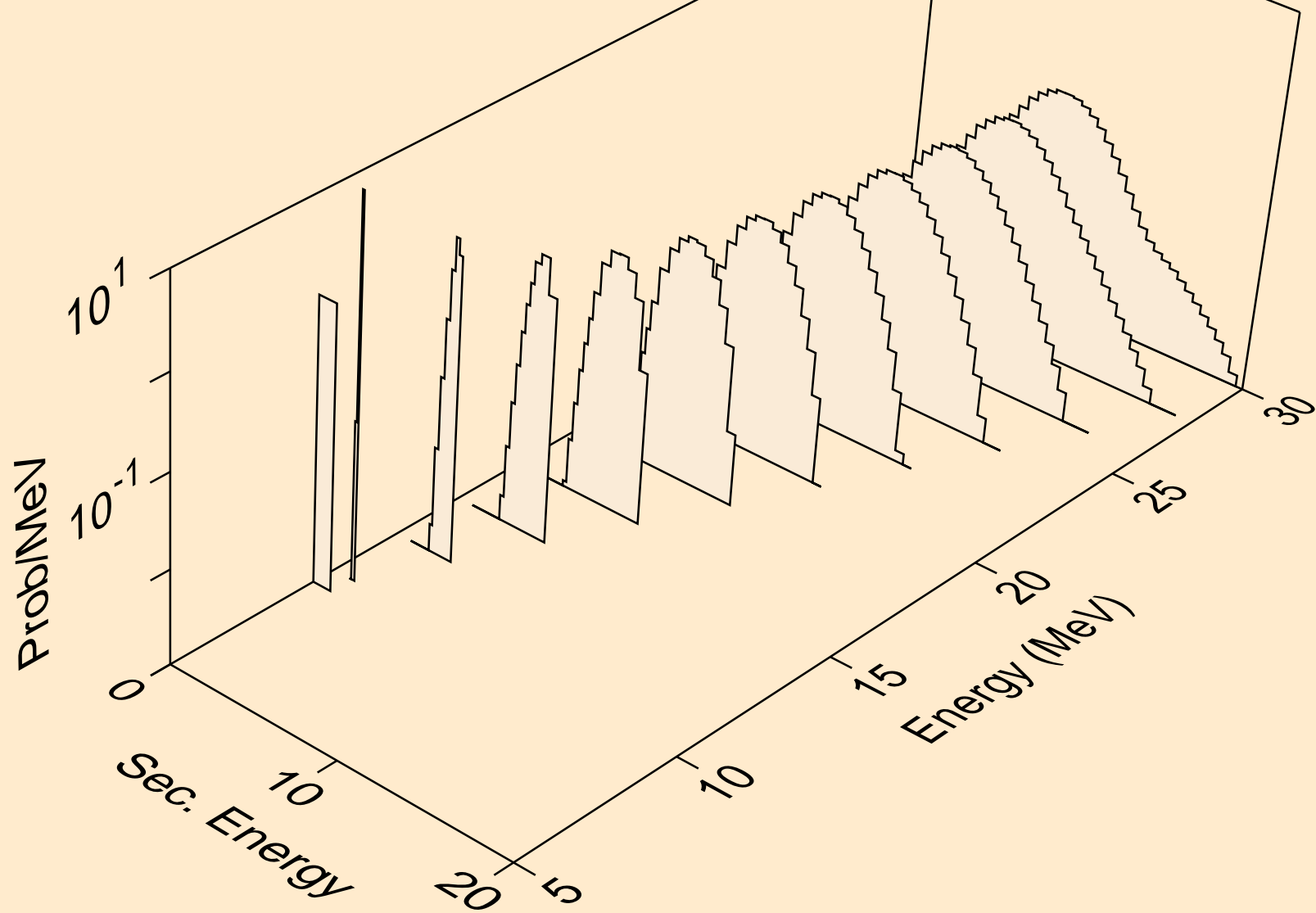
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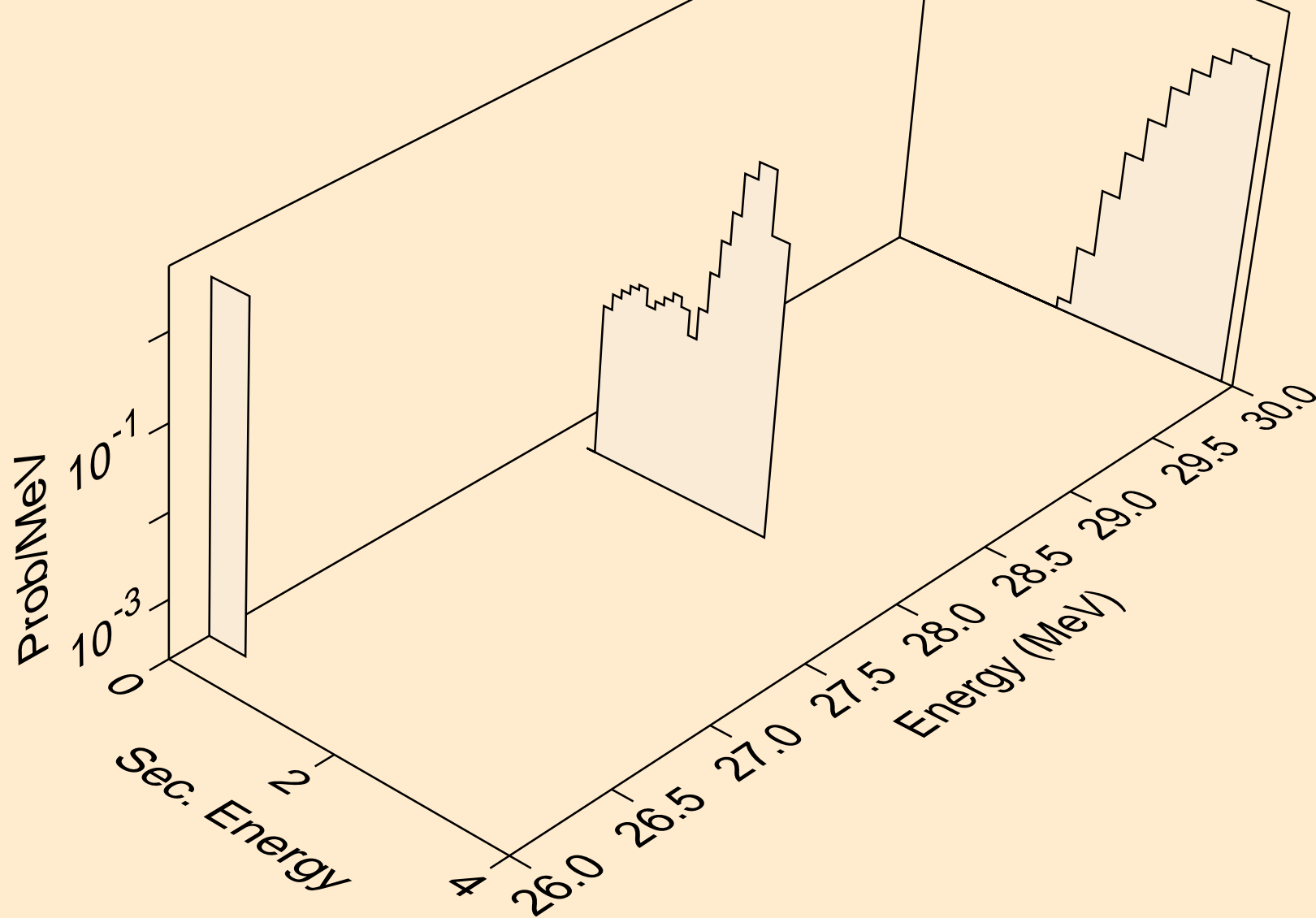
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protons from (s,x)



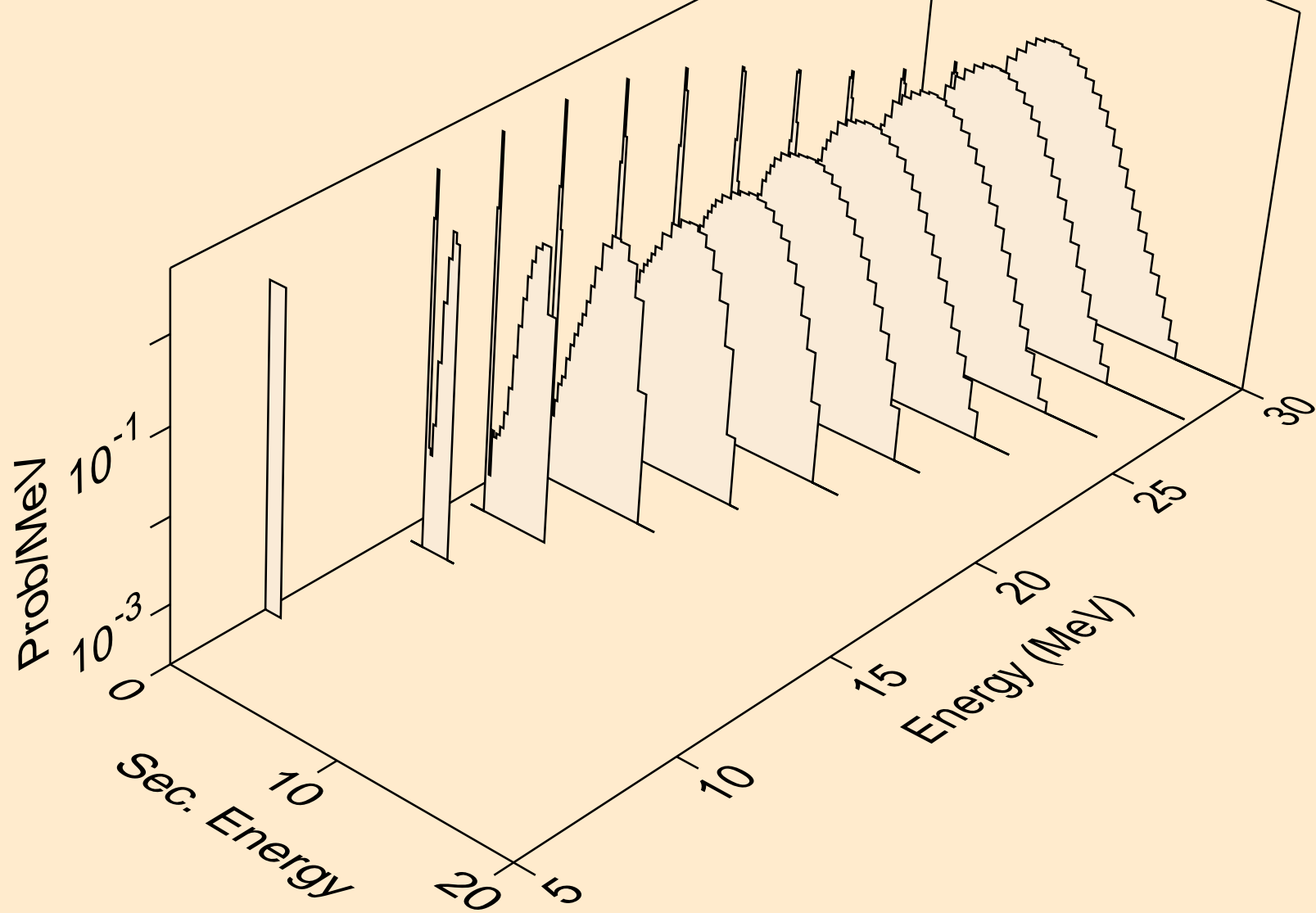
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protons from (s,n\*)p



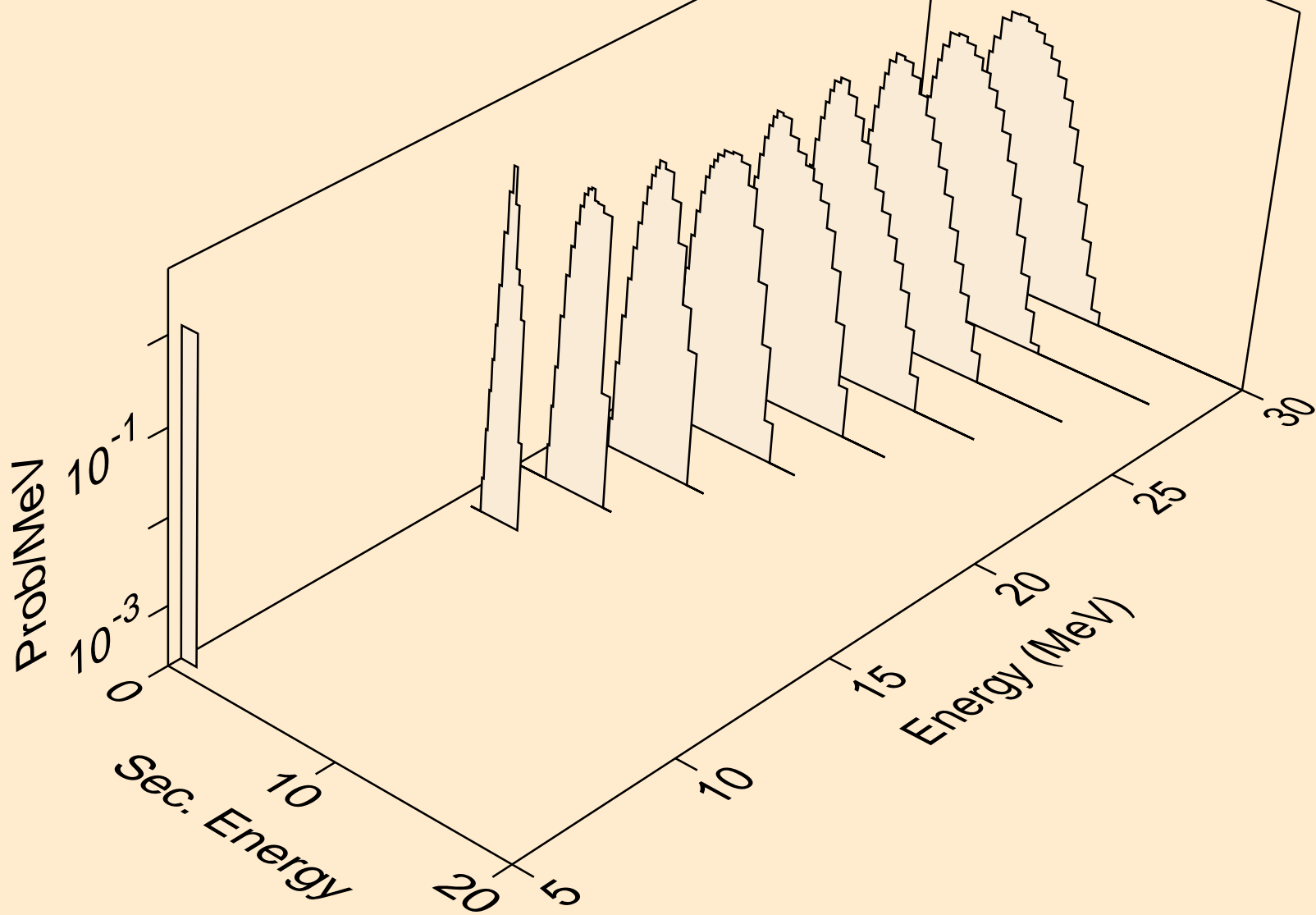
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protons from (s,2np)



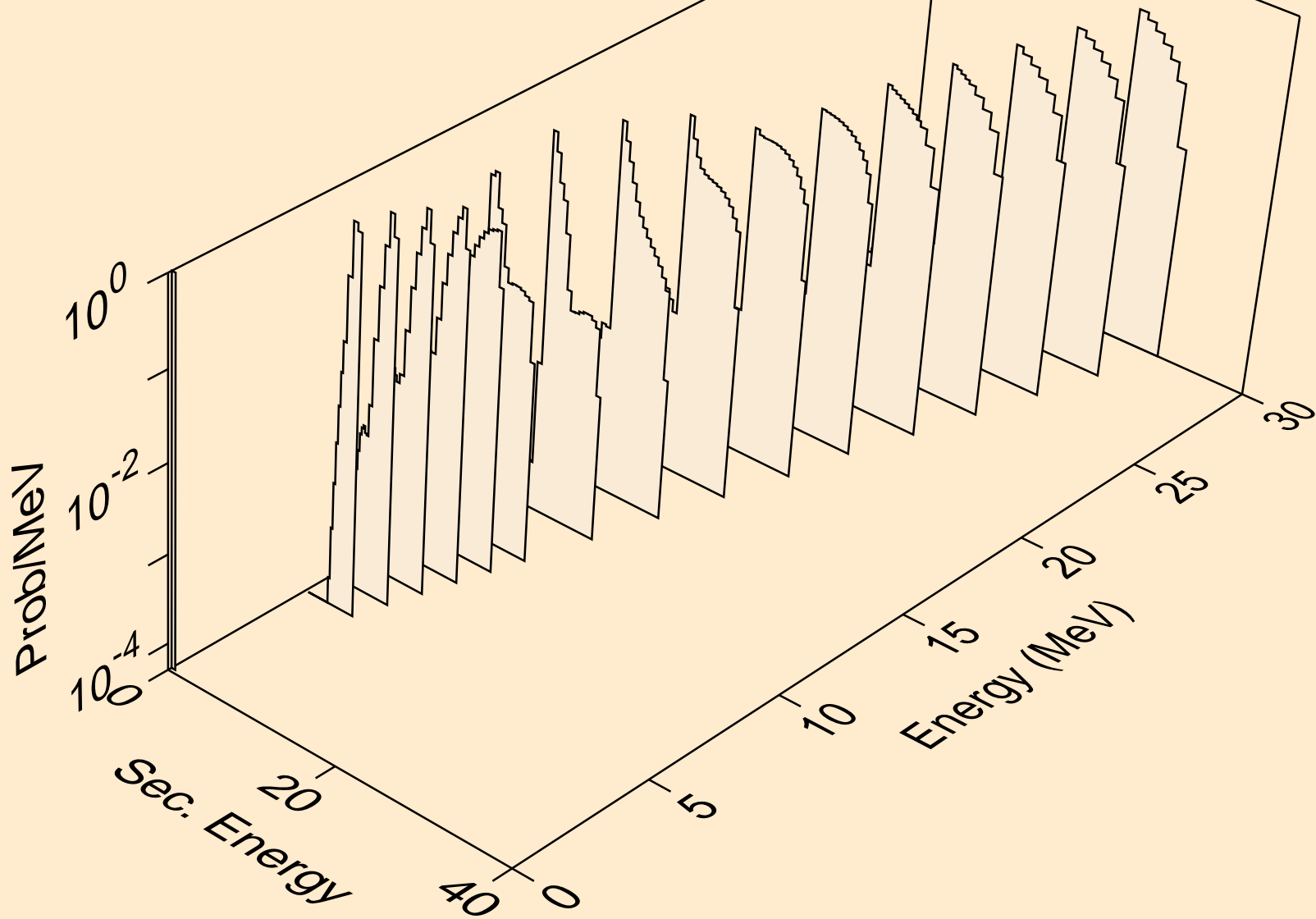
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protons from (s,2np)



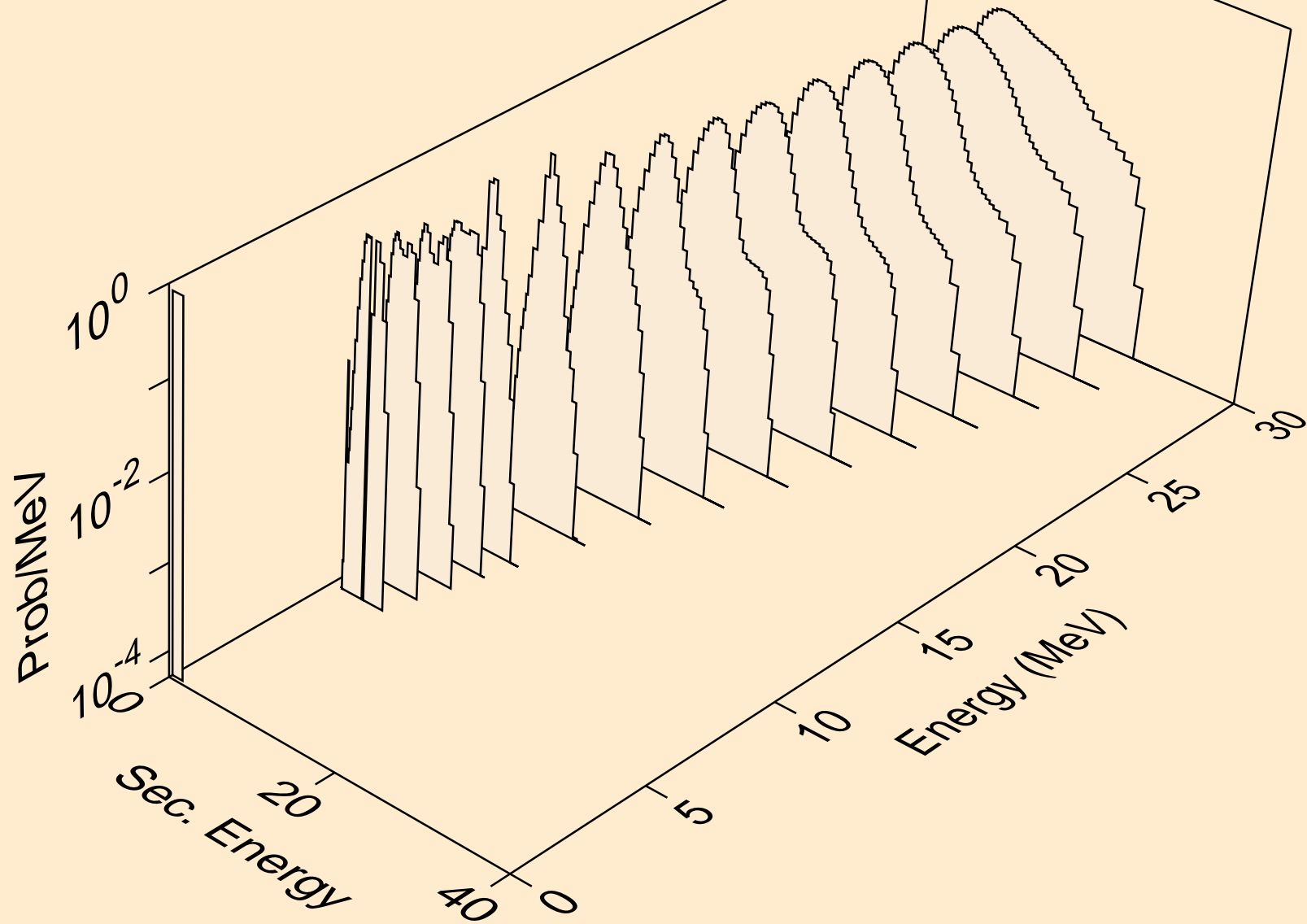
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)

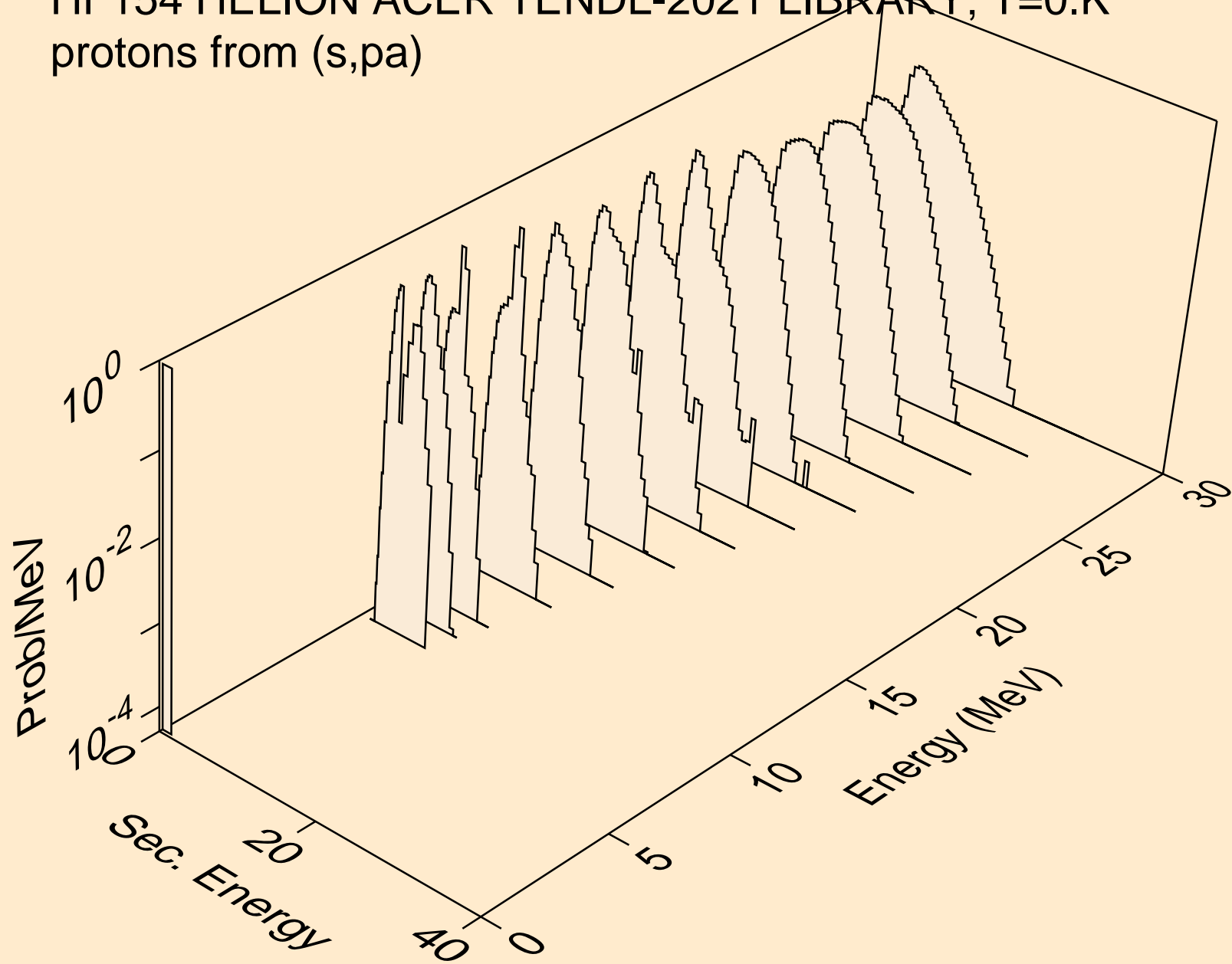


HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)

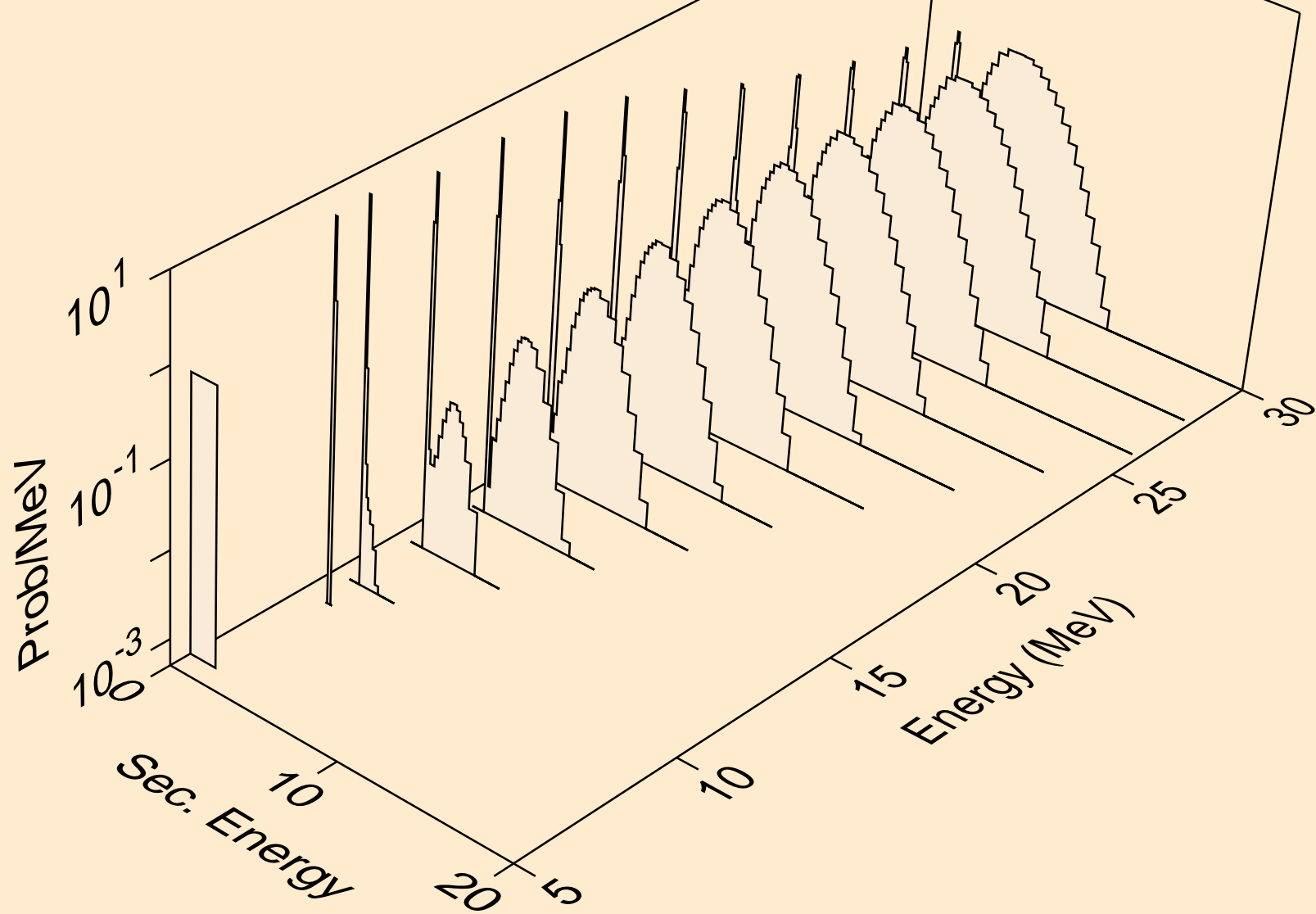




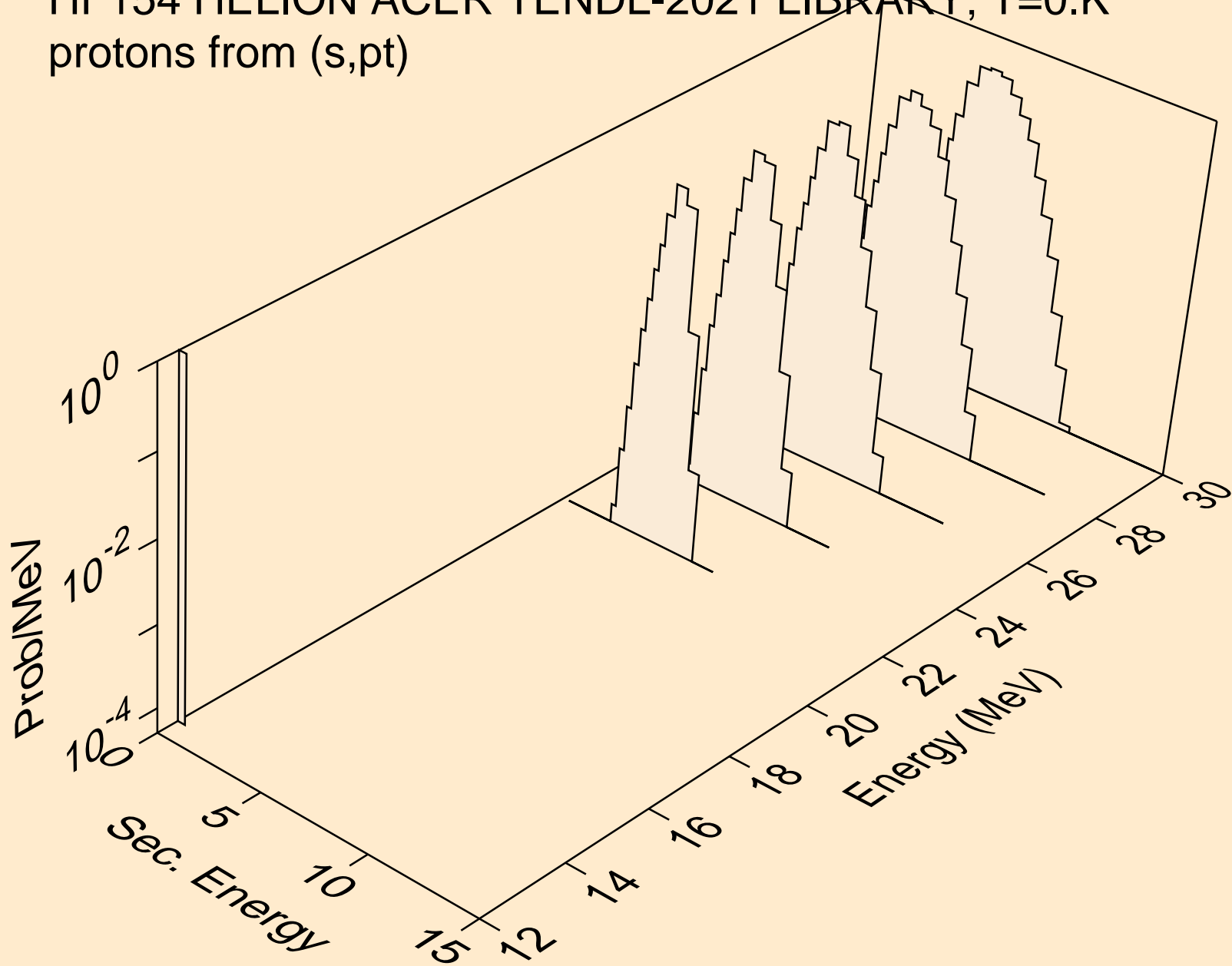
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protons from (s,pa)



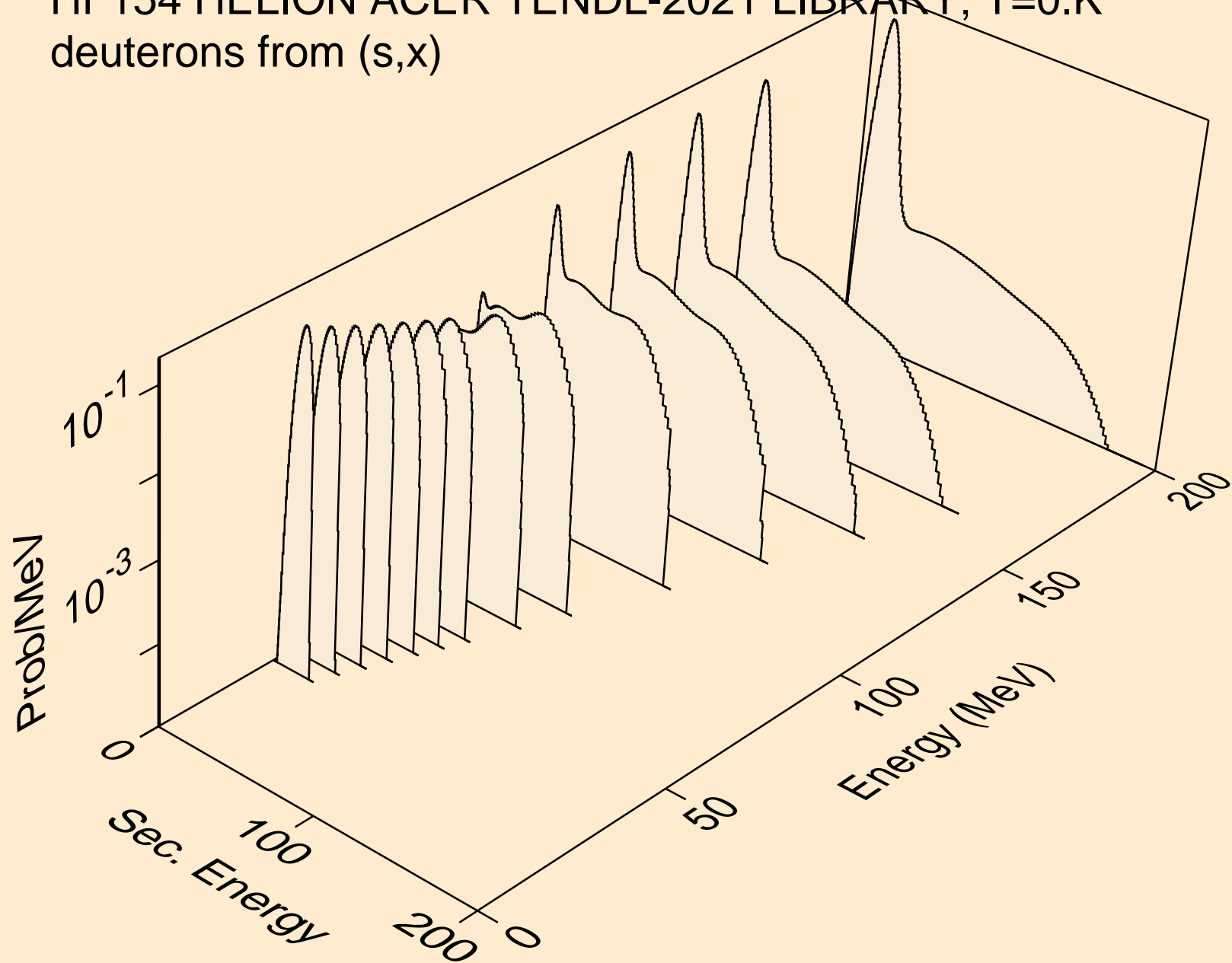
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protons from (s,pd)



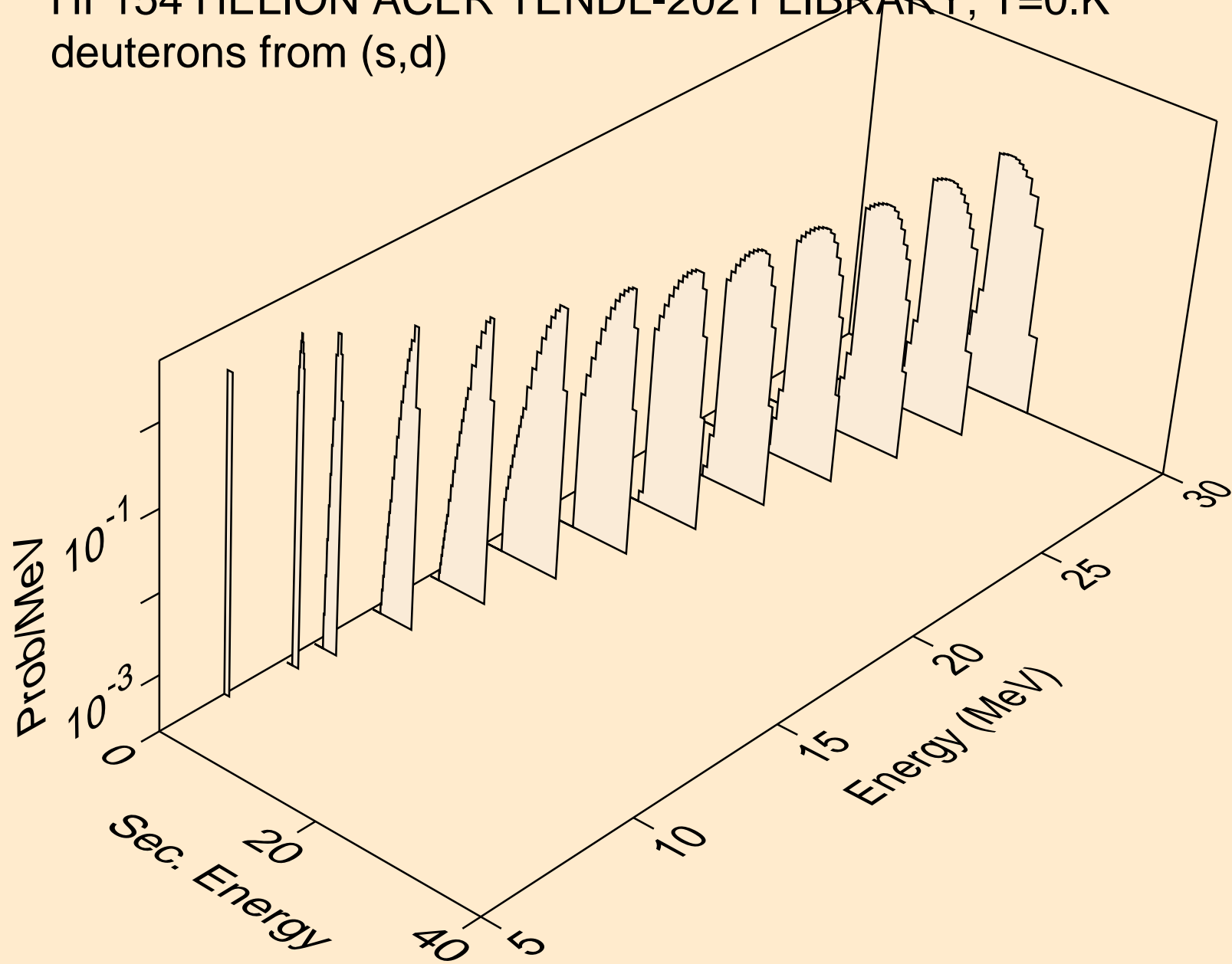
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



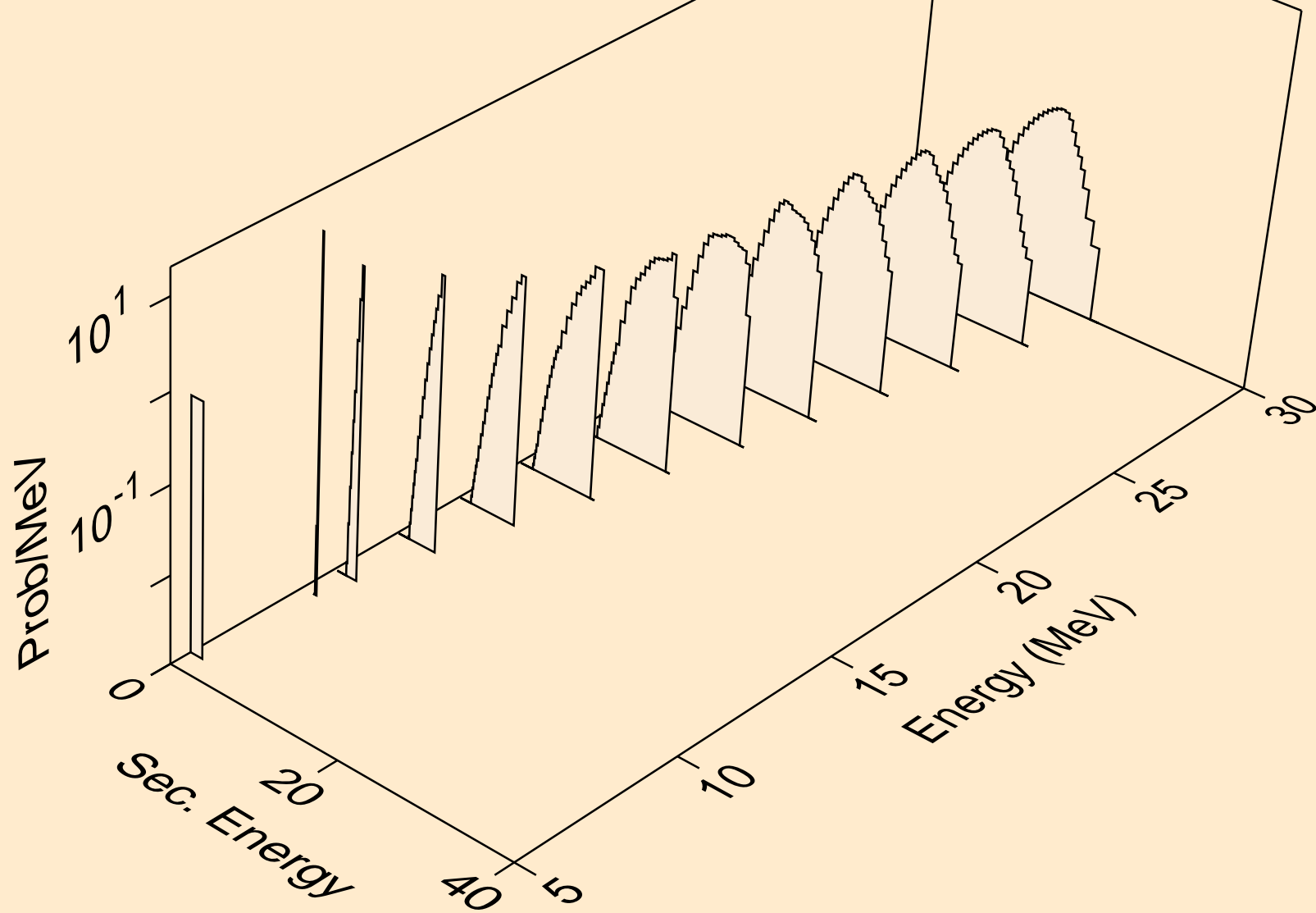
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deuterons from (s,x)



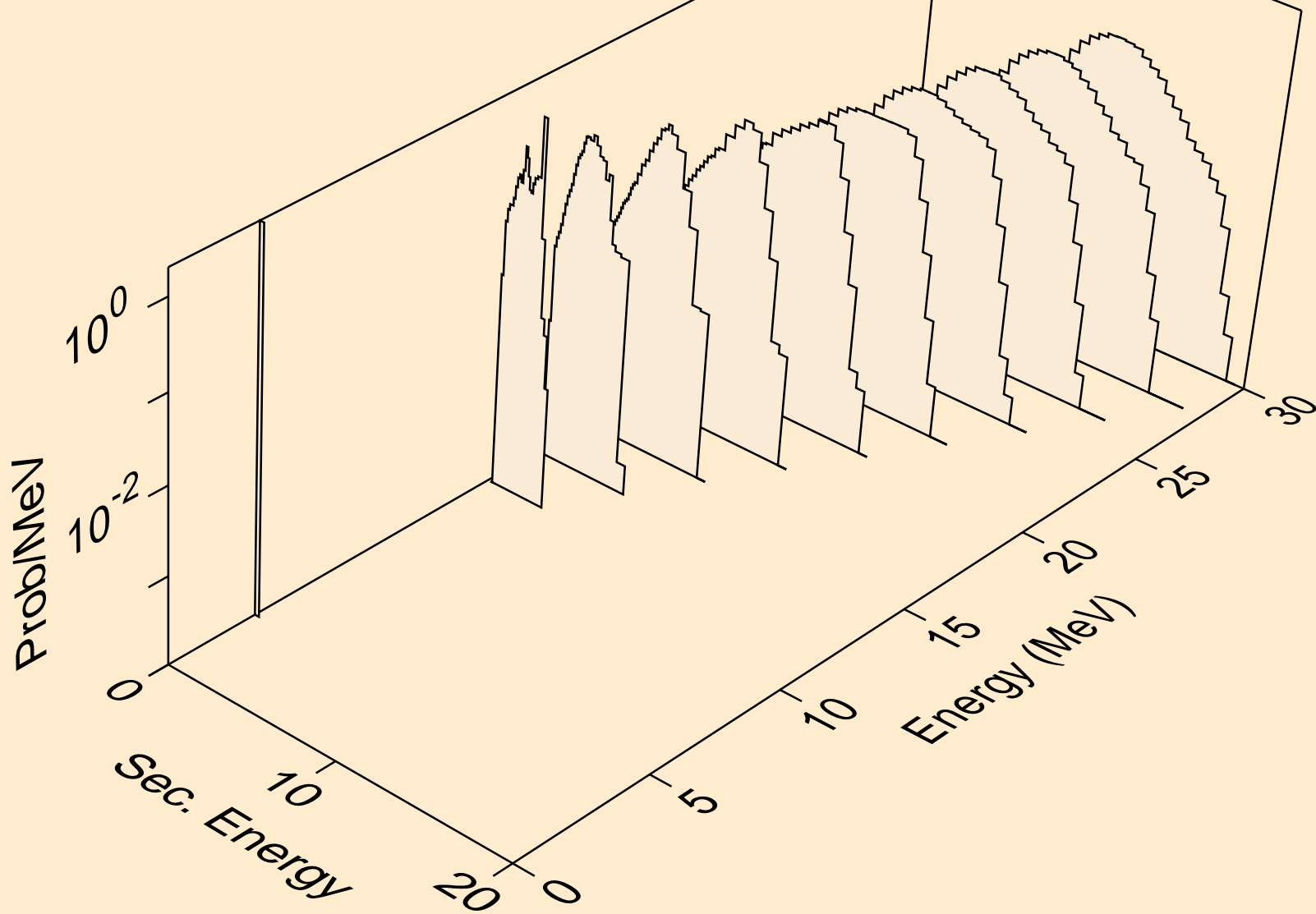
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



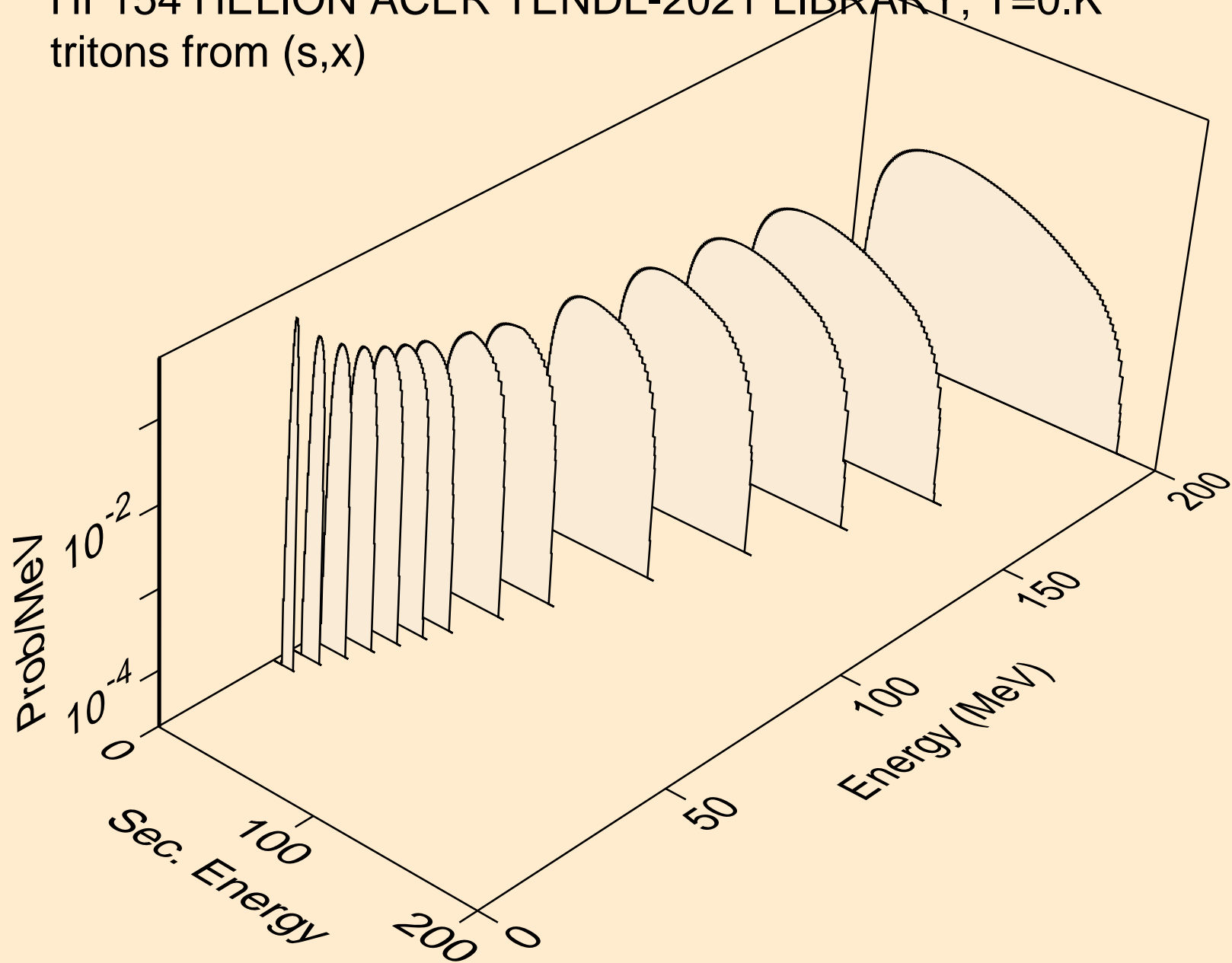
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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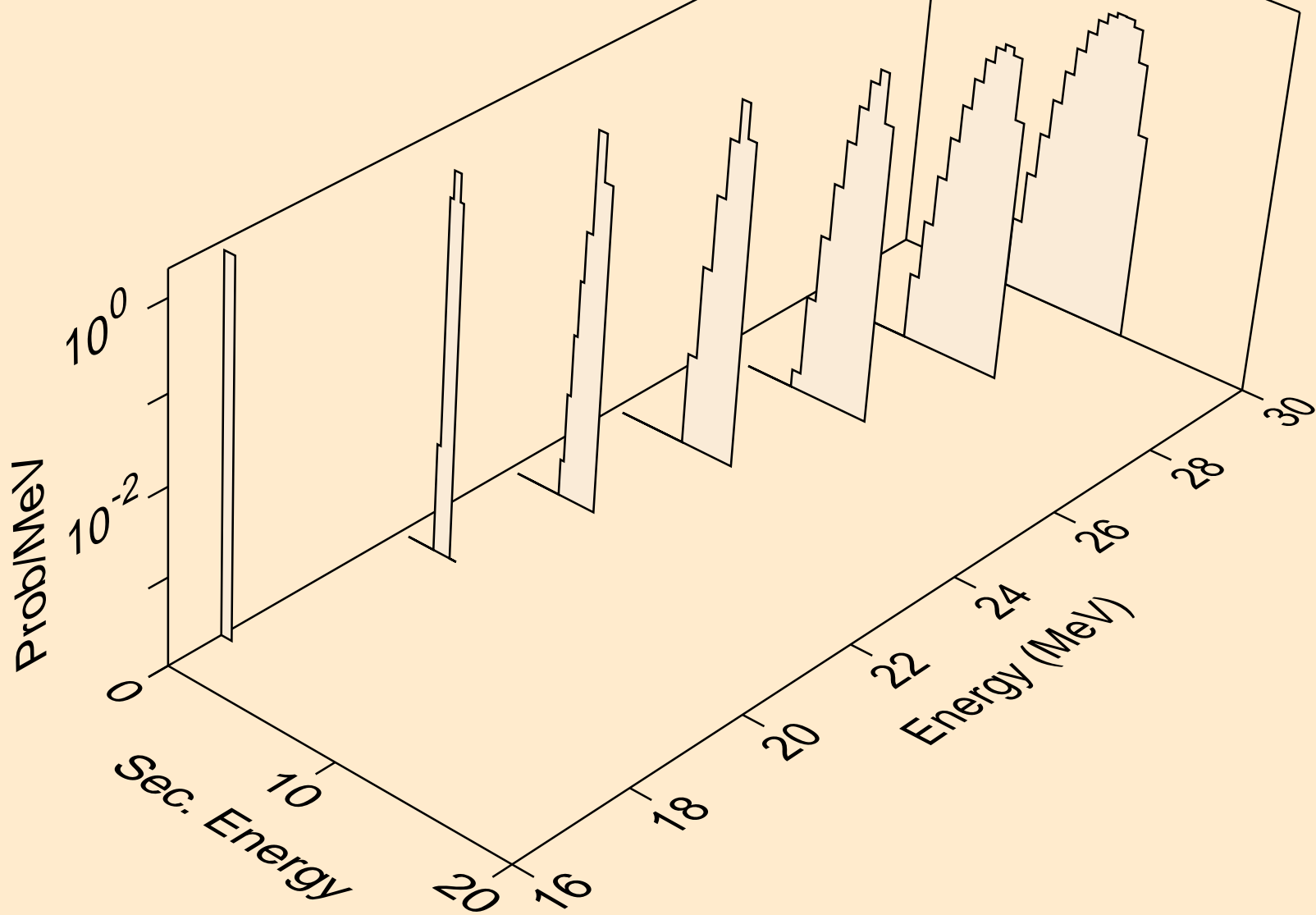


HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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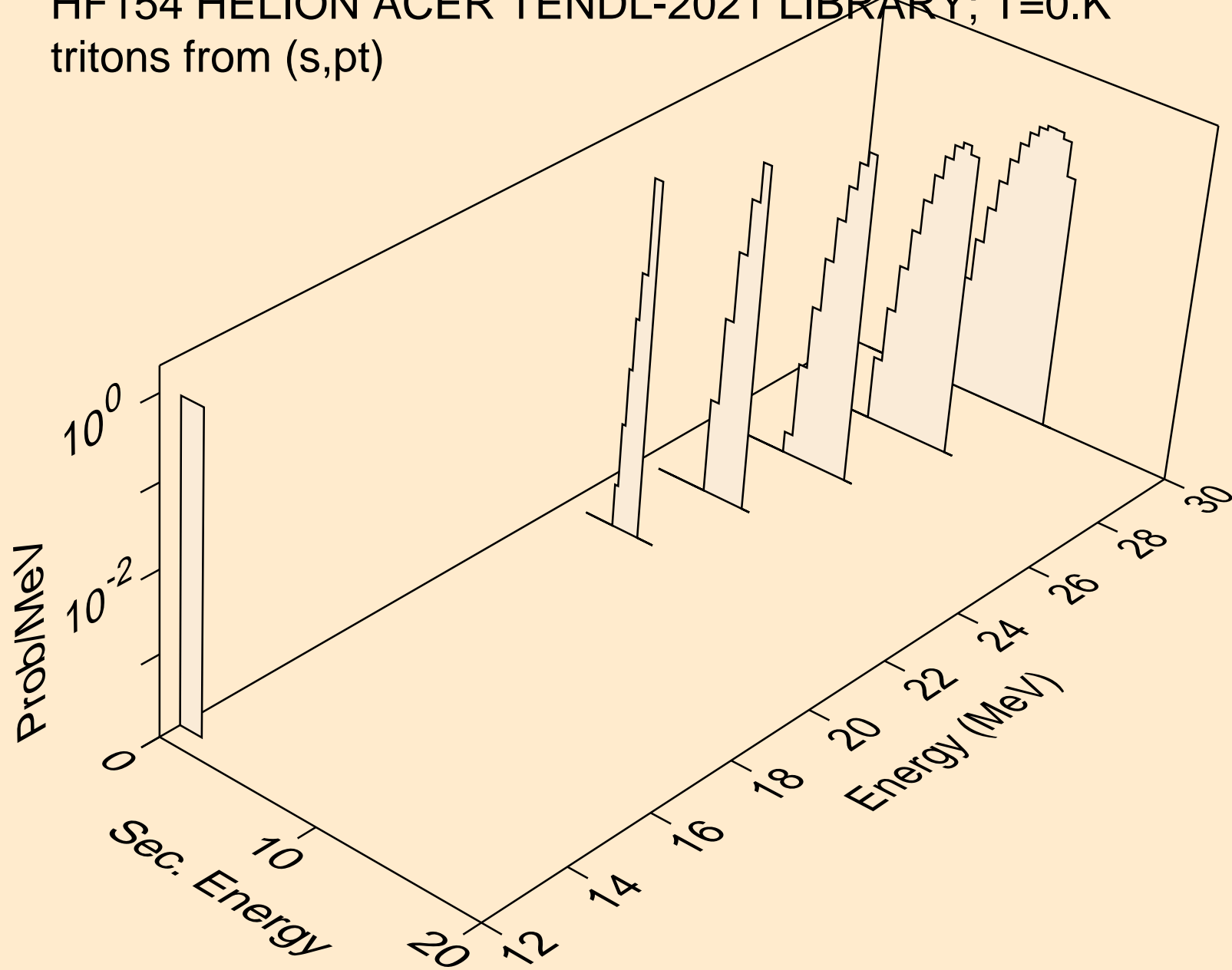




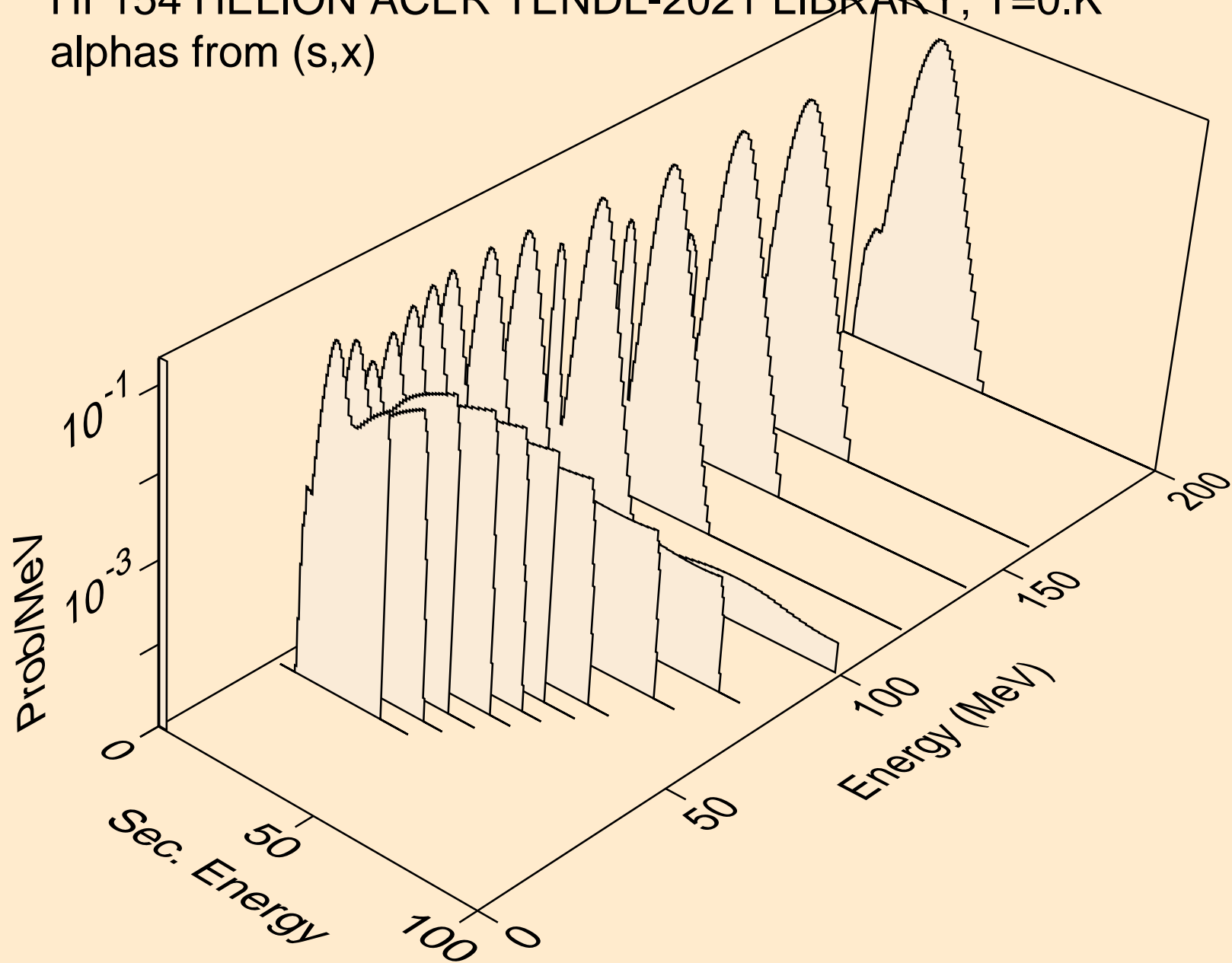
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tritons from (s,t)



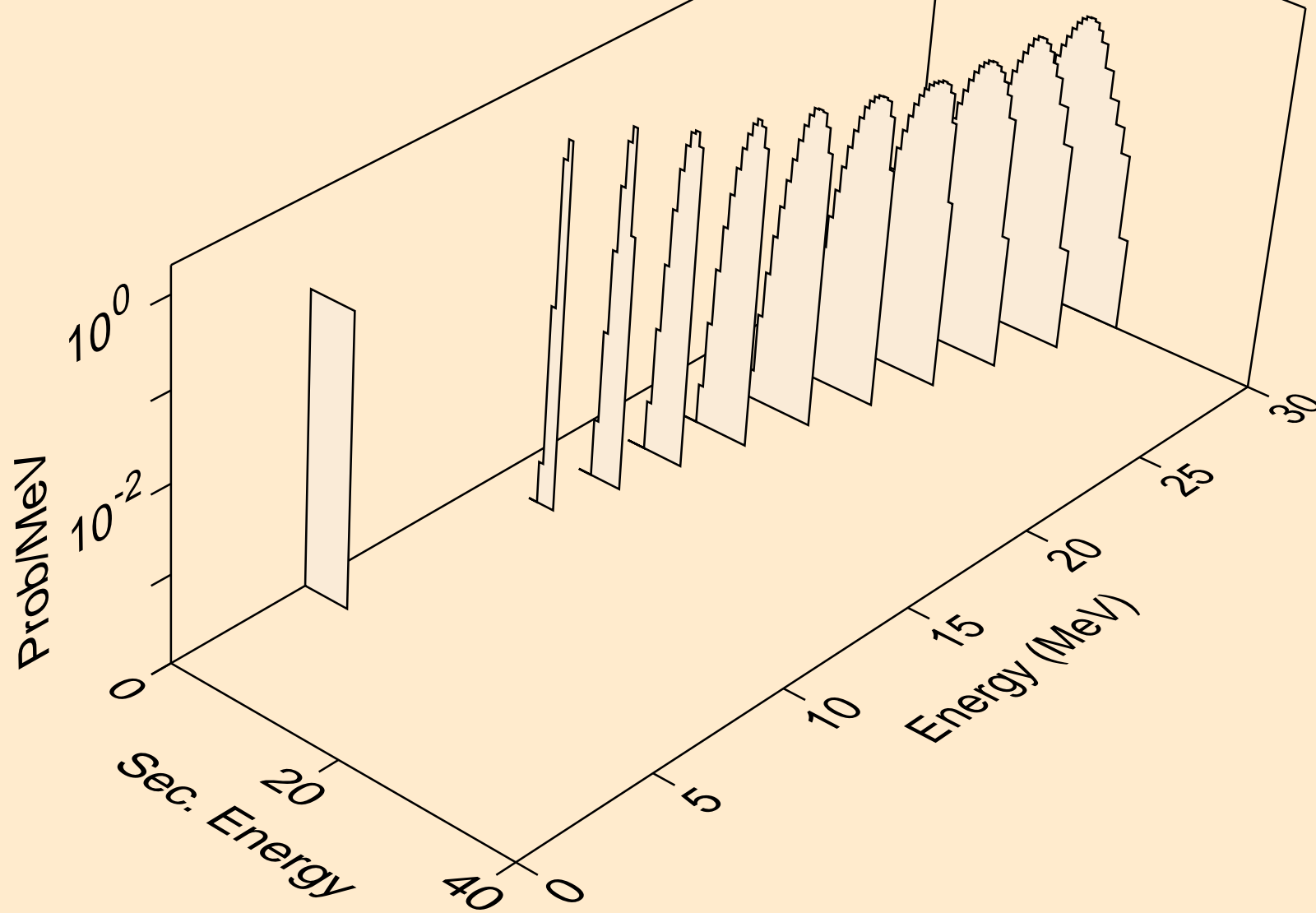
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



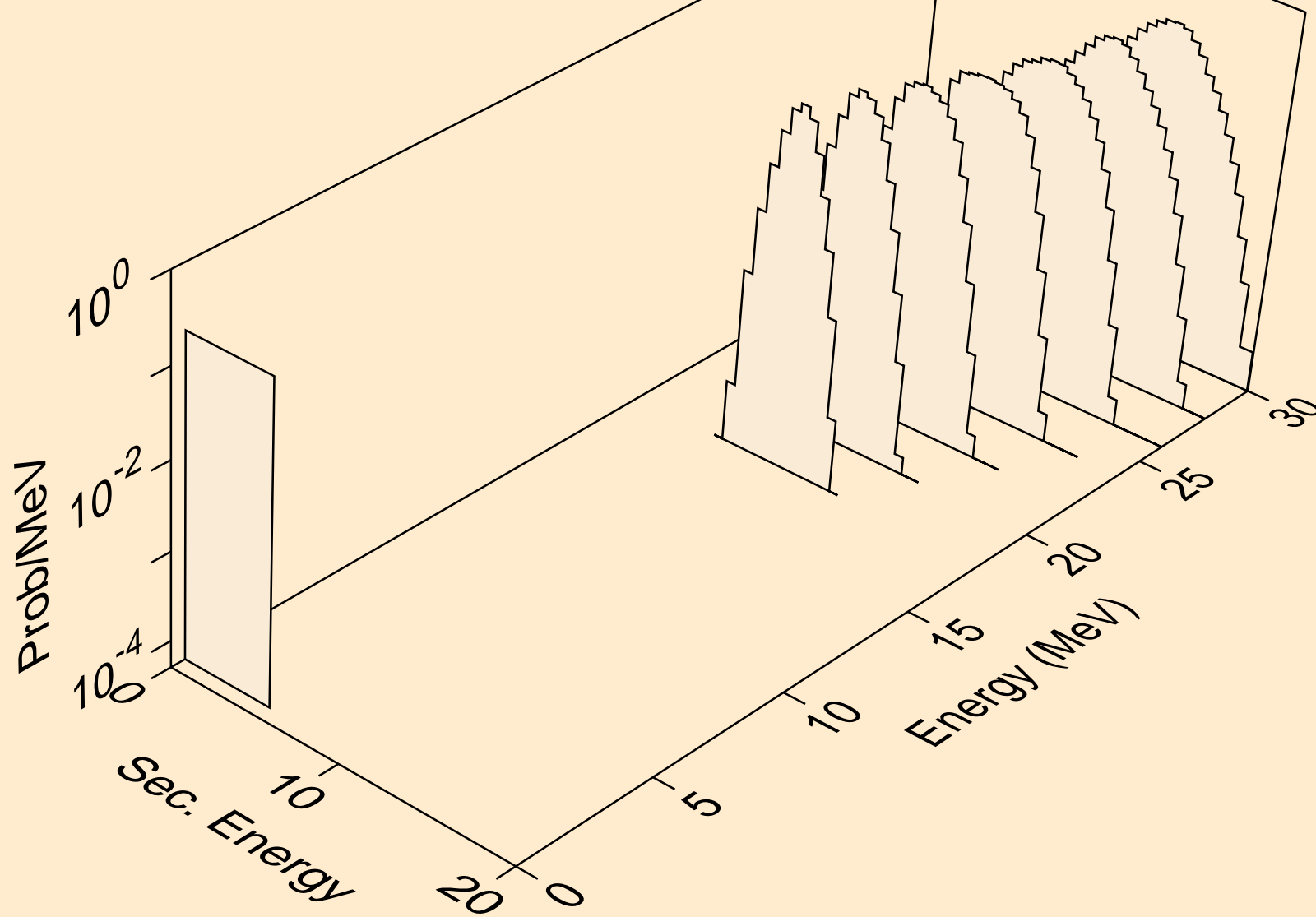
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



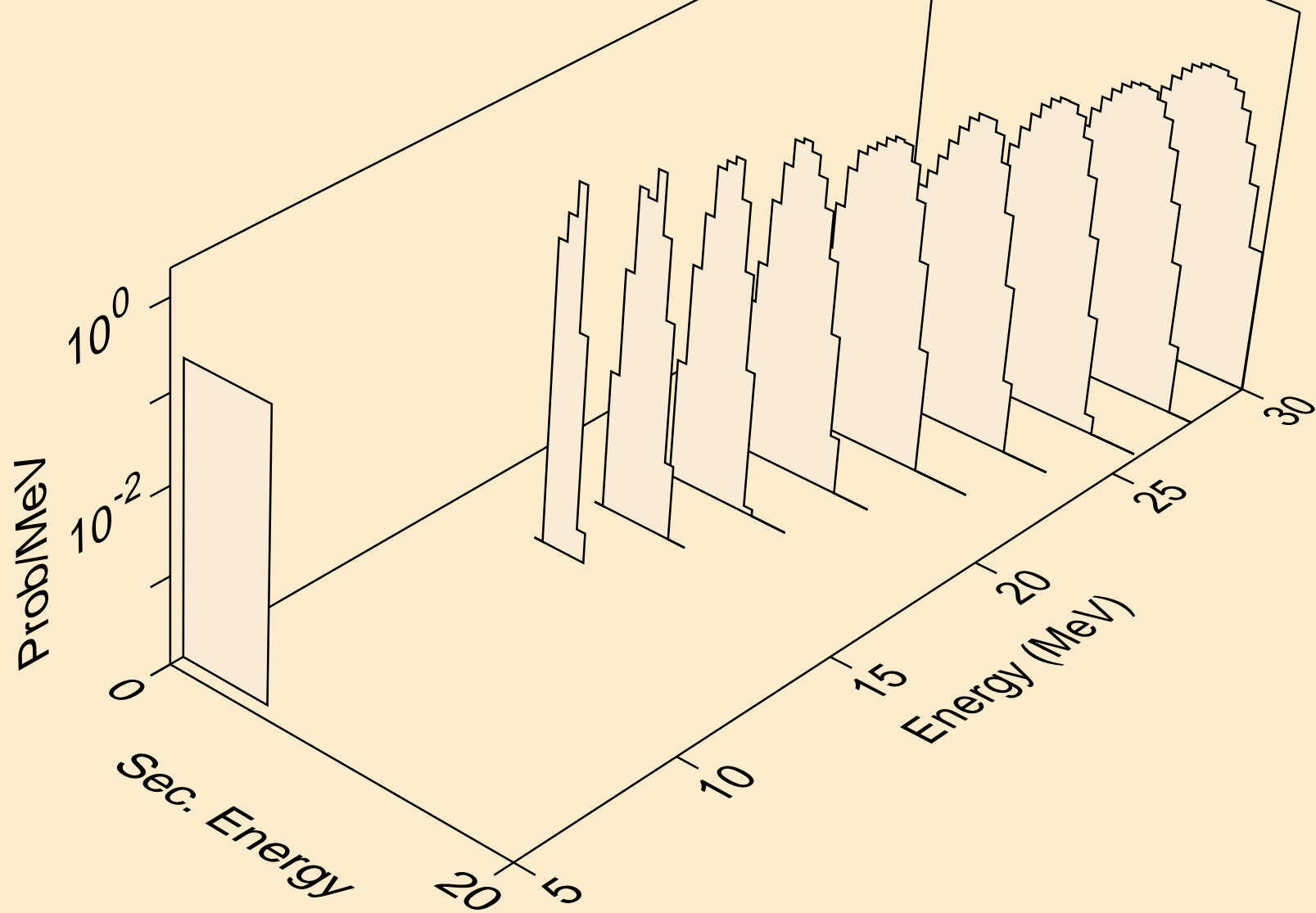
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



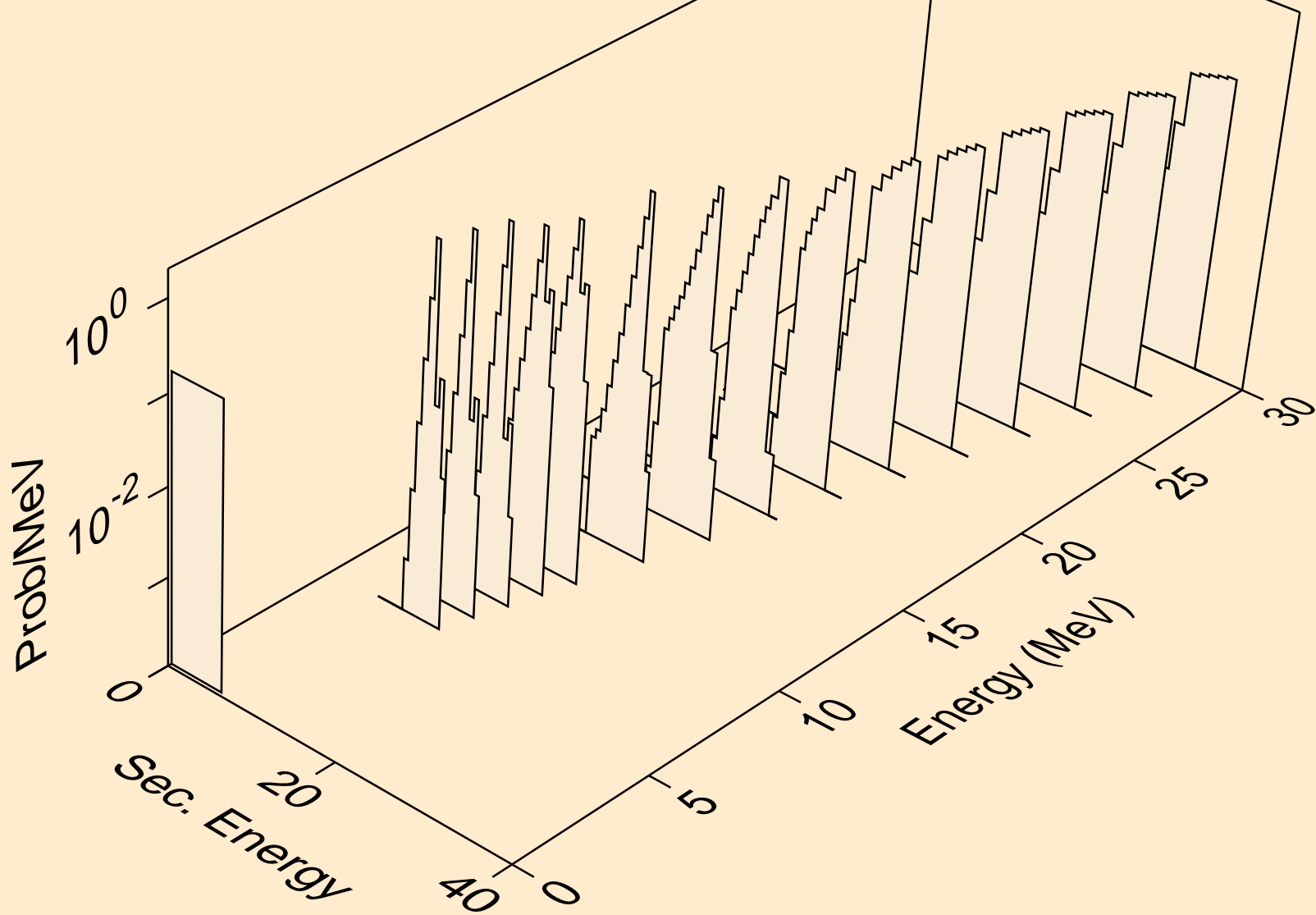
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



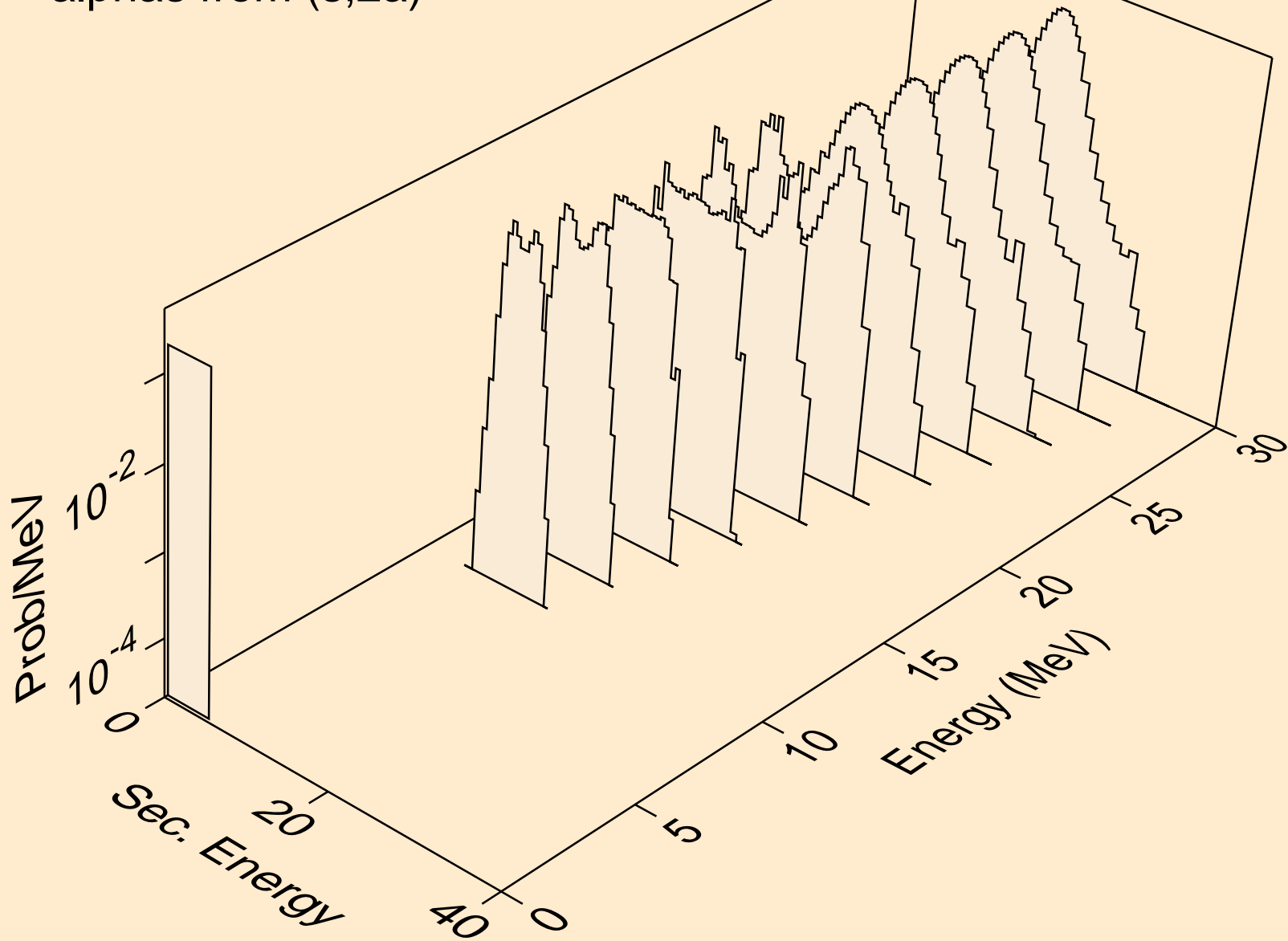
HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)

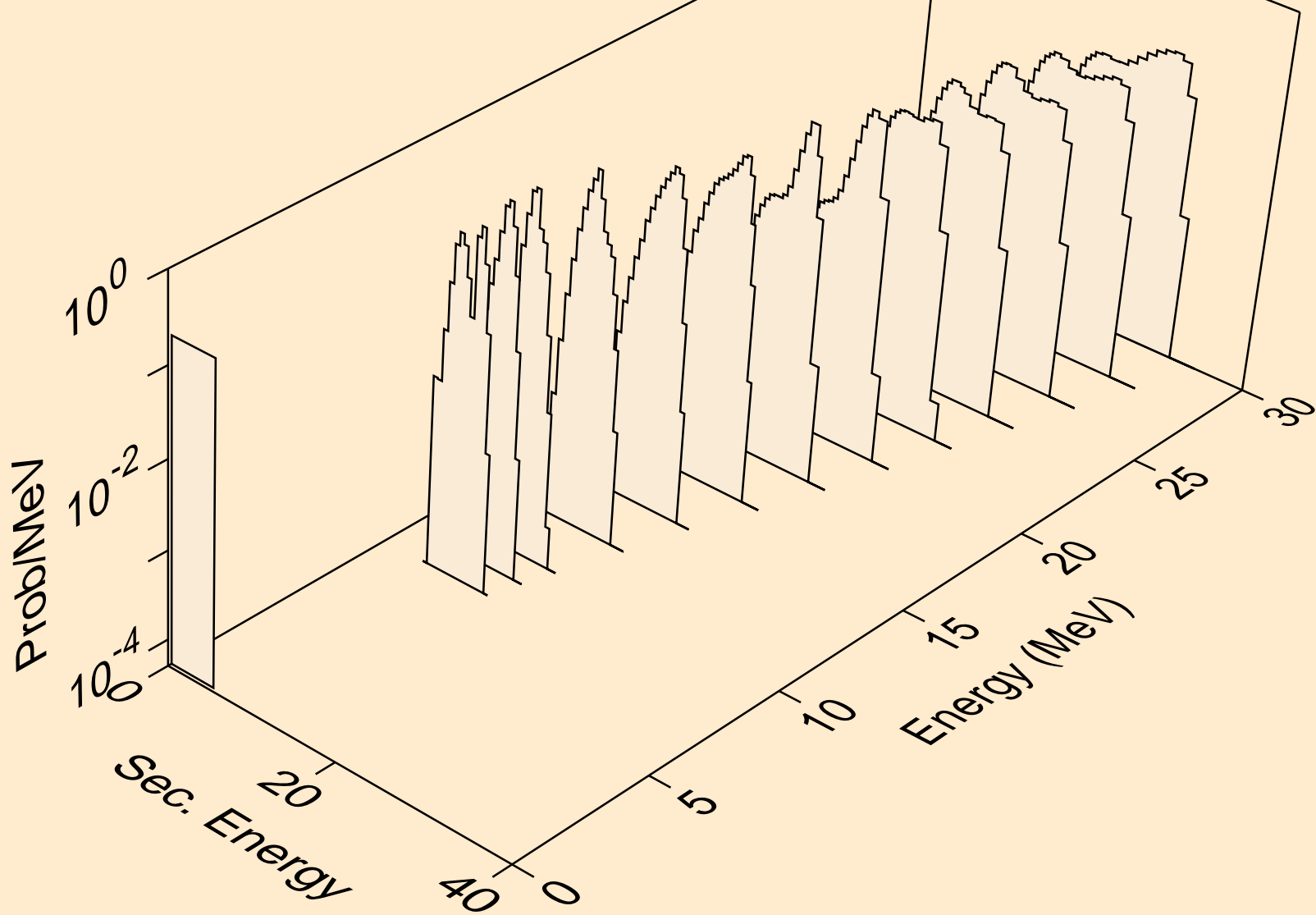


HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)





HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



HF154 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

