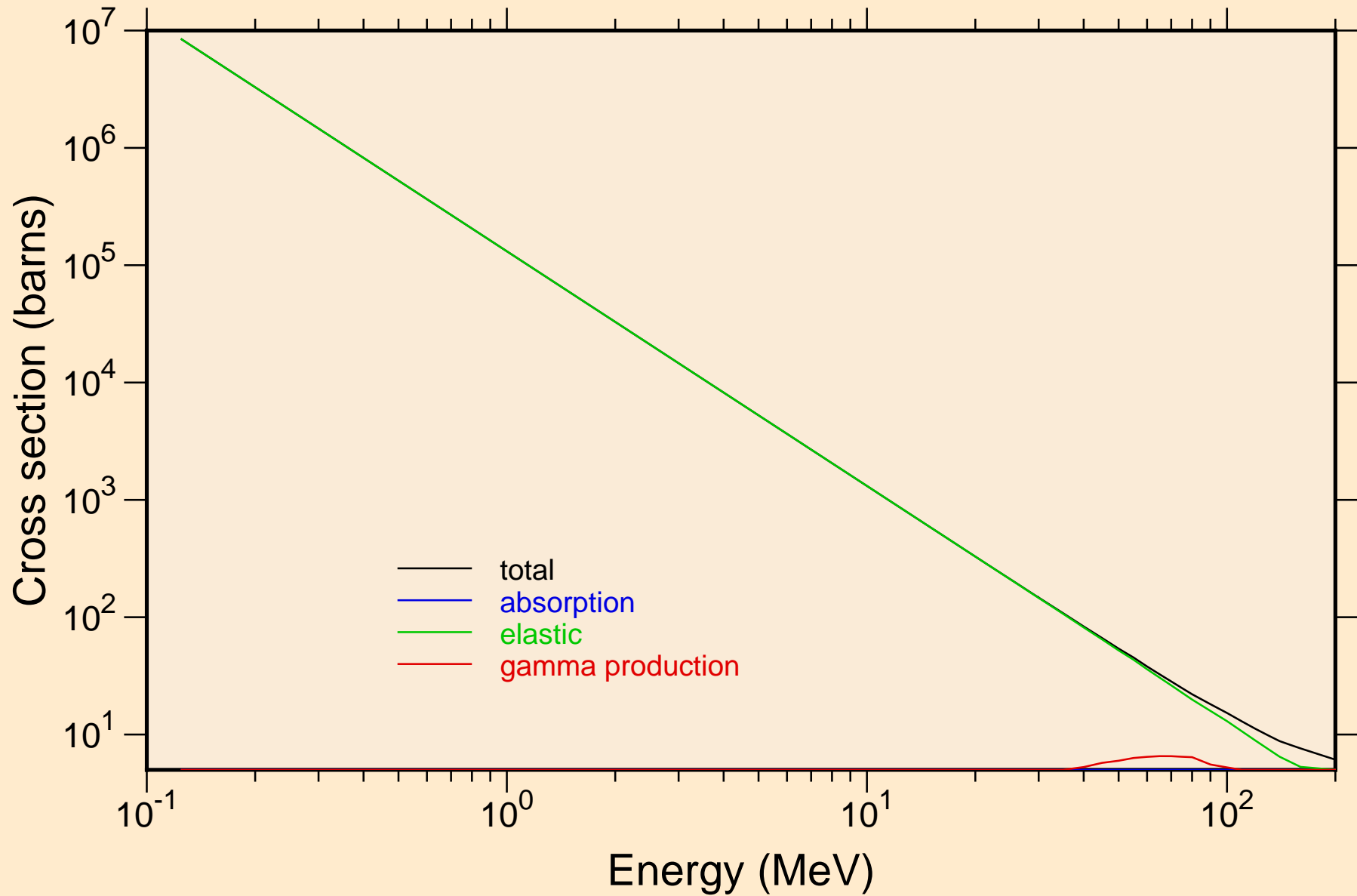
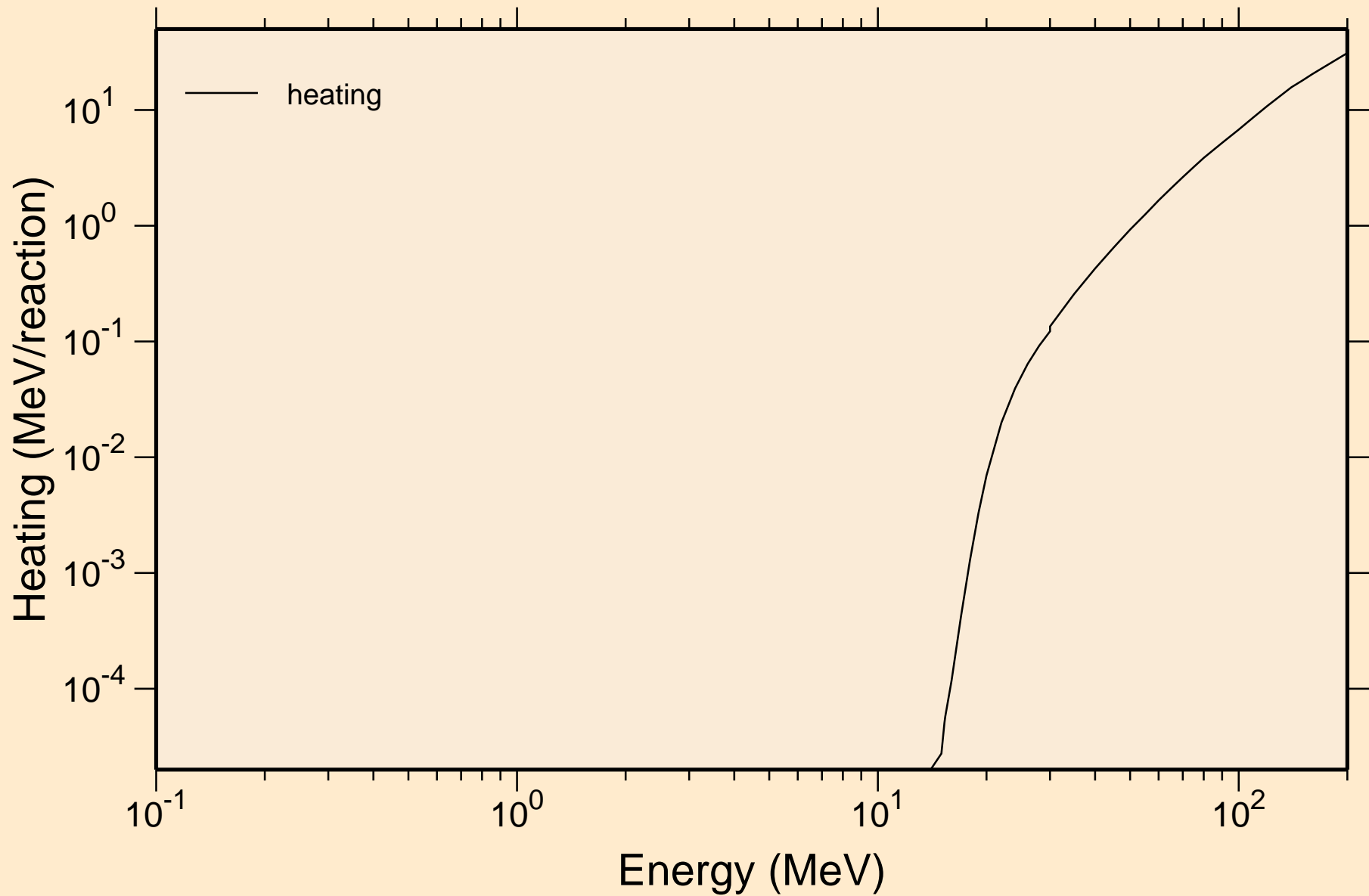


HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

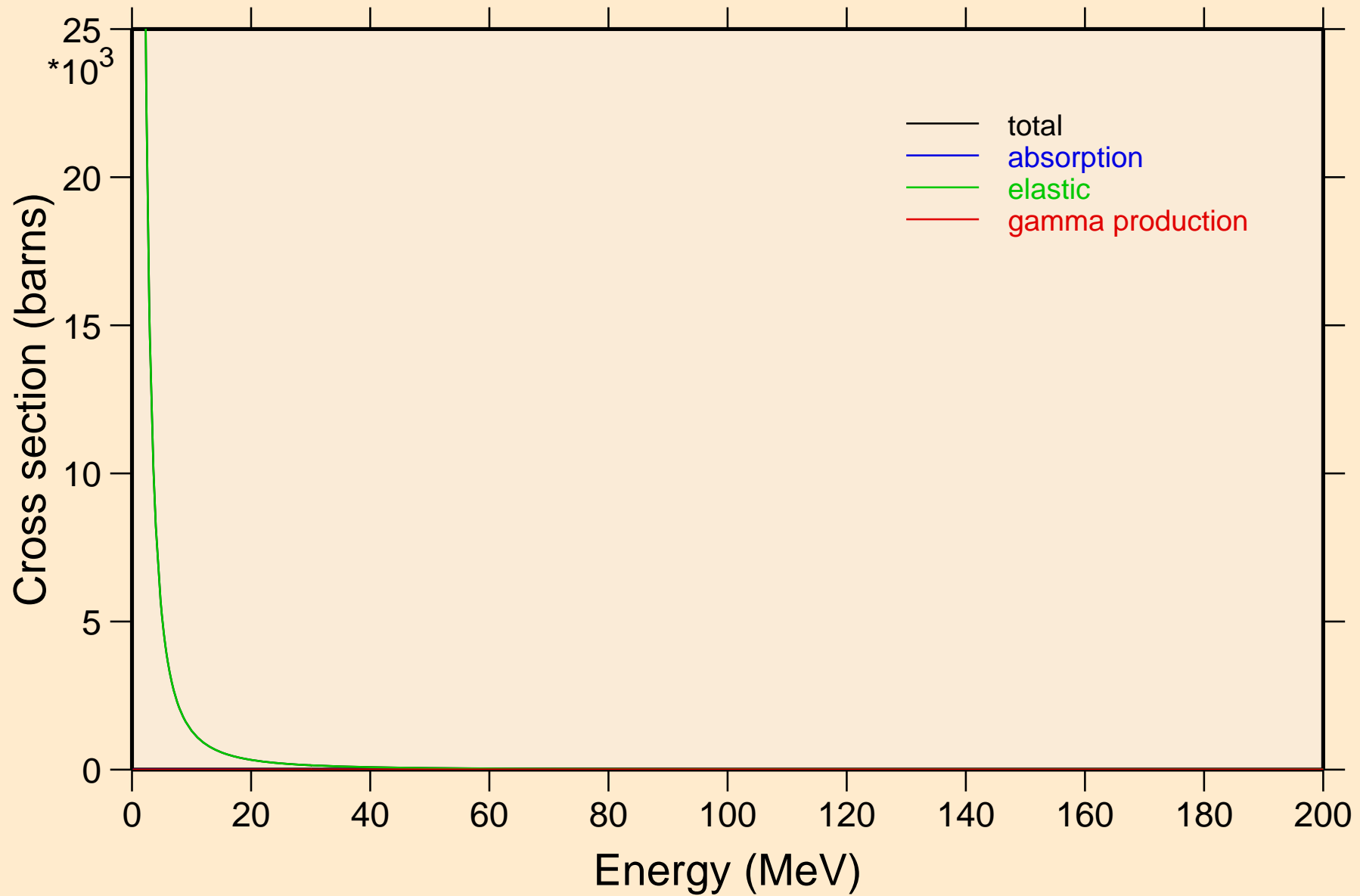


HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Heating



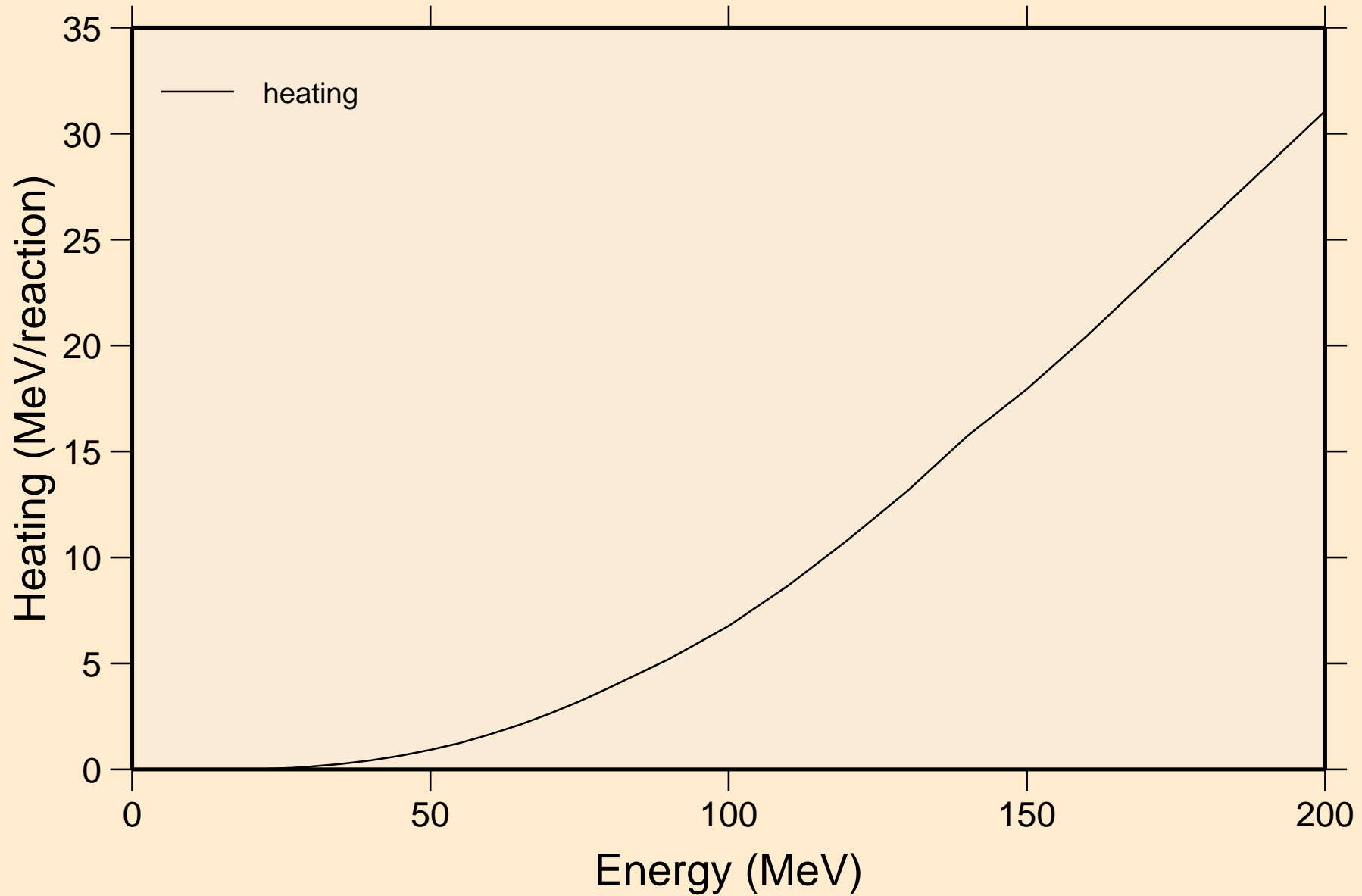
# HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

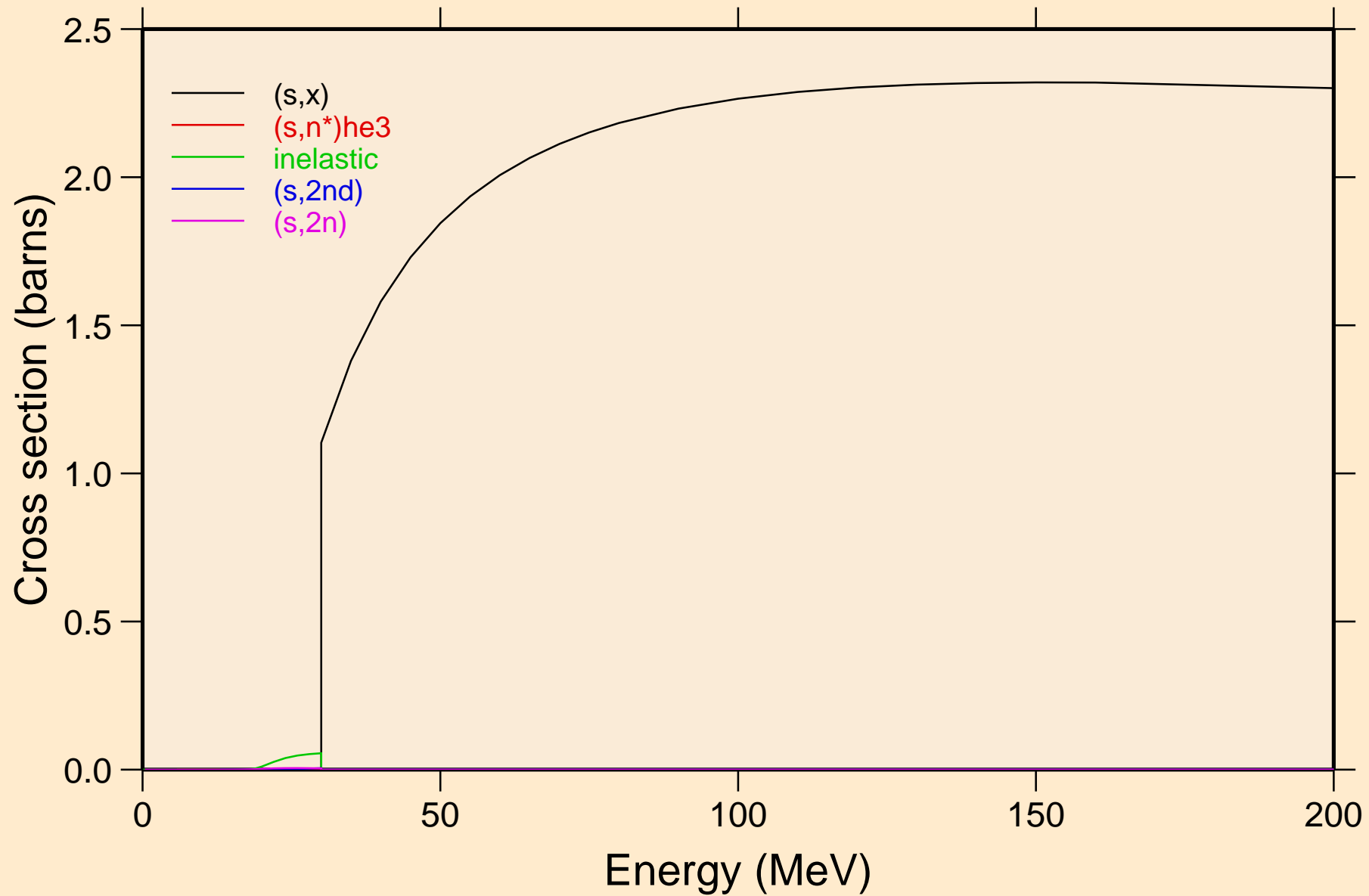


HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K

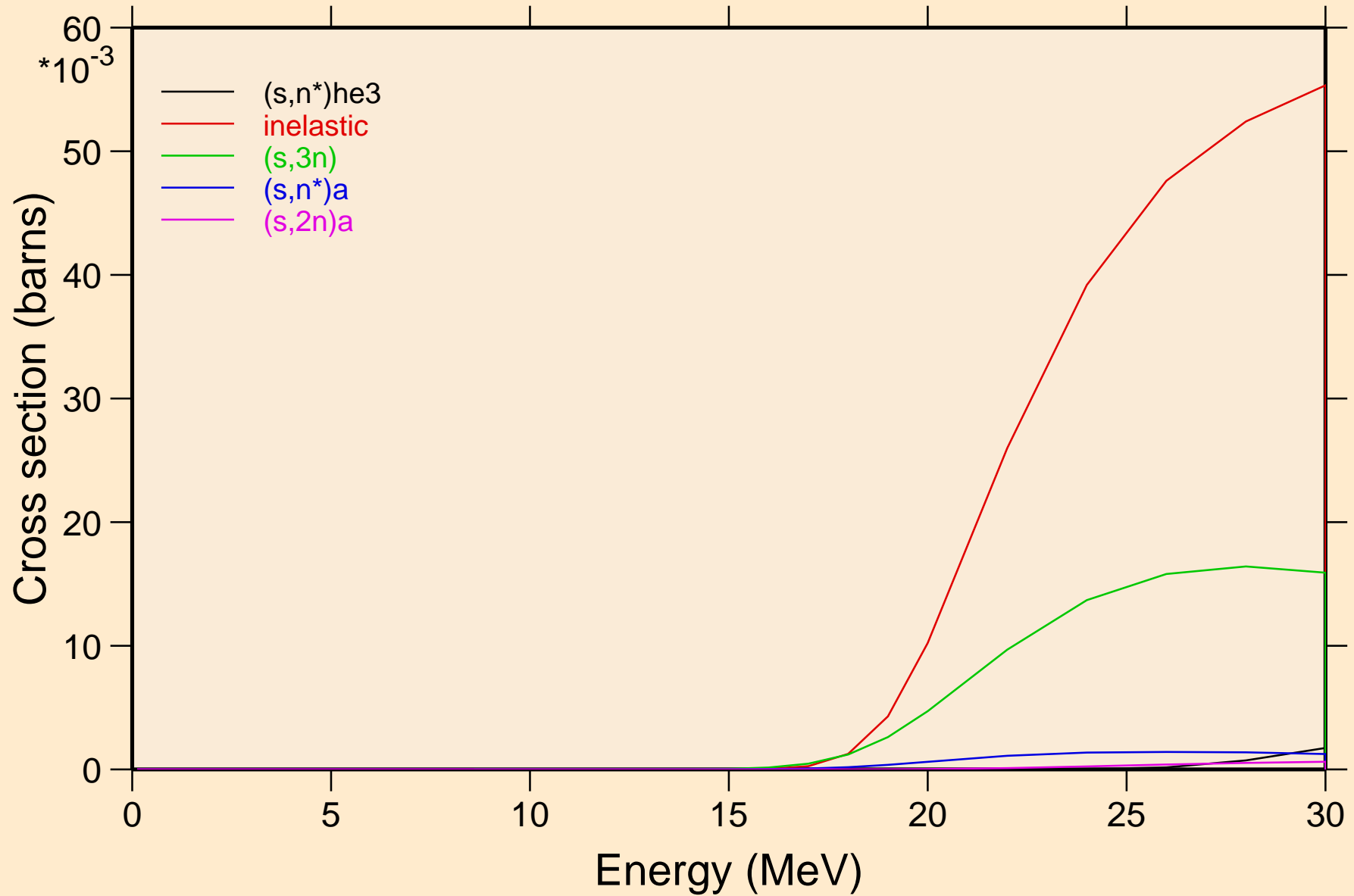
Heating



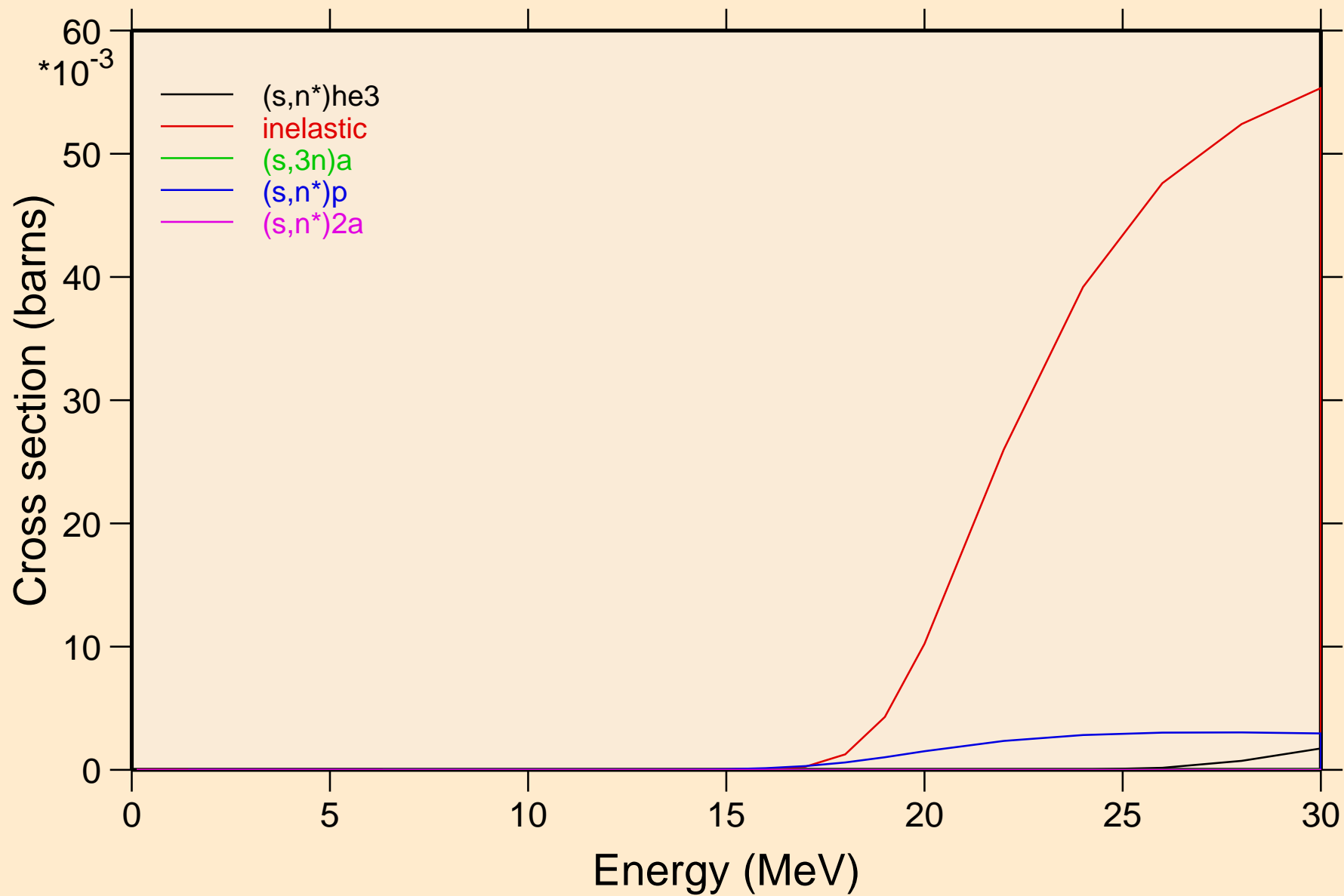
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



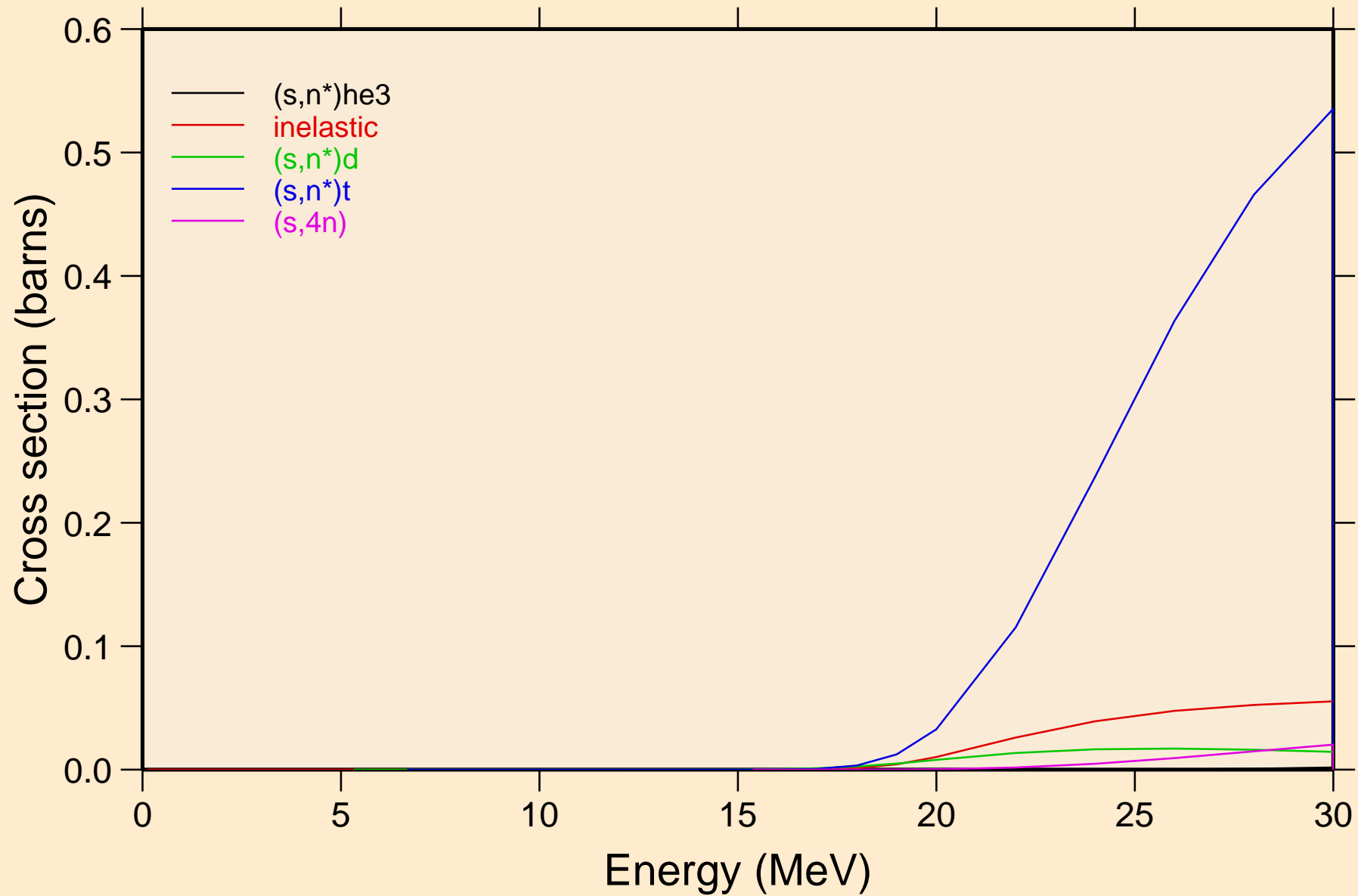
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



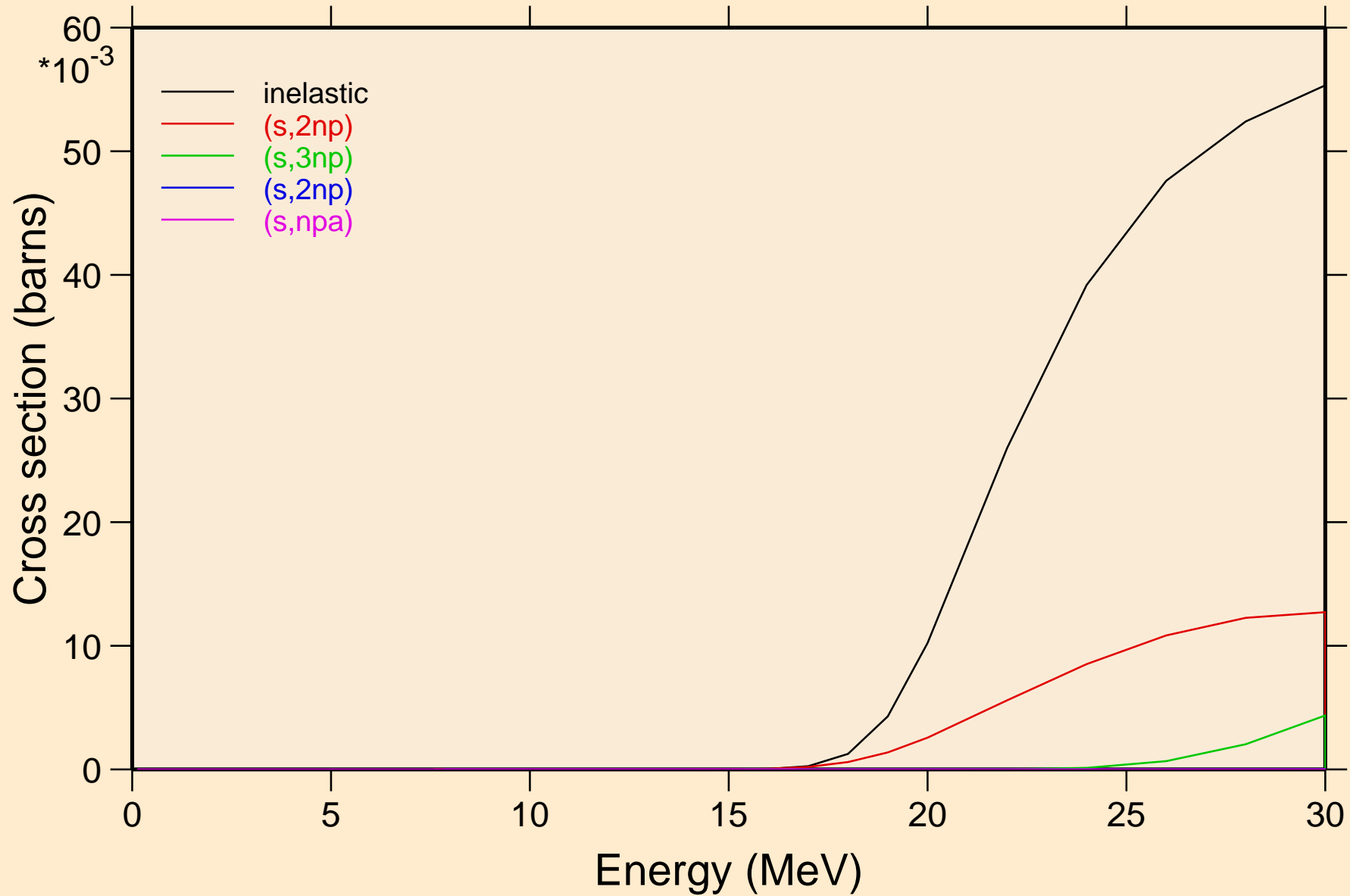
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



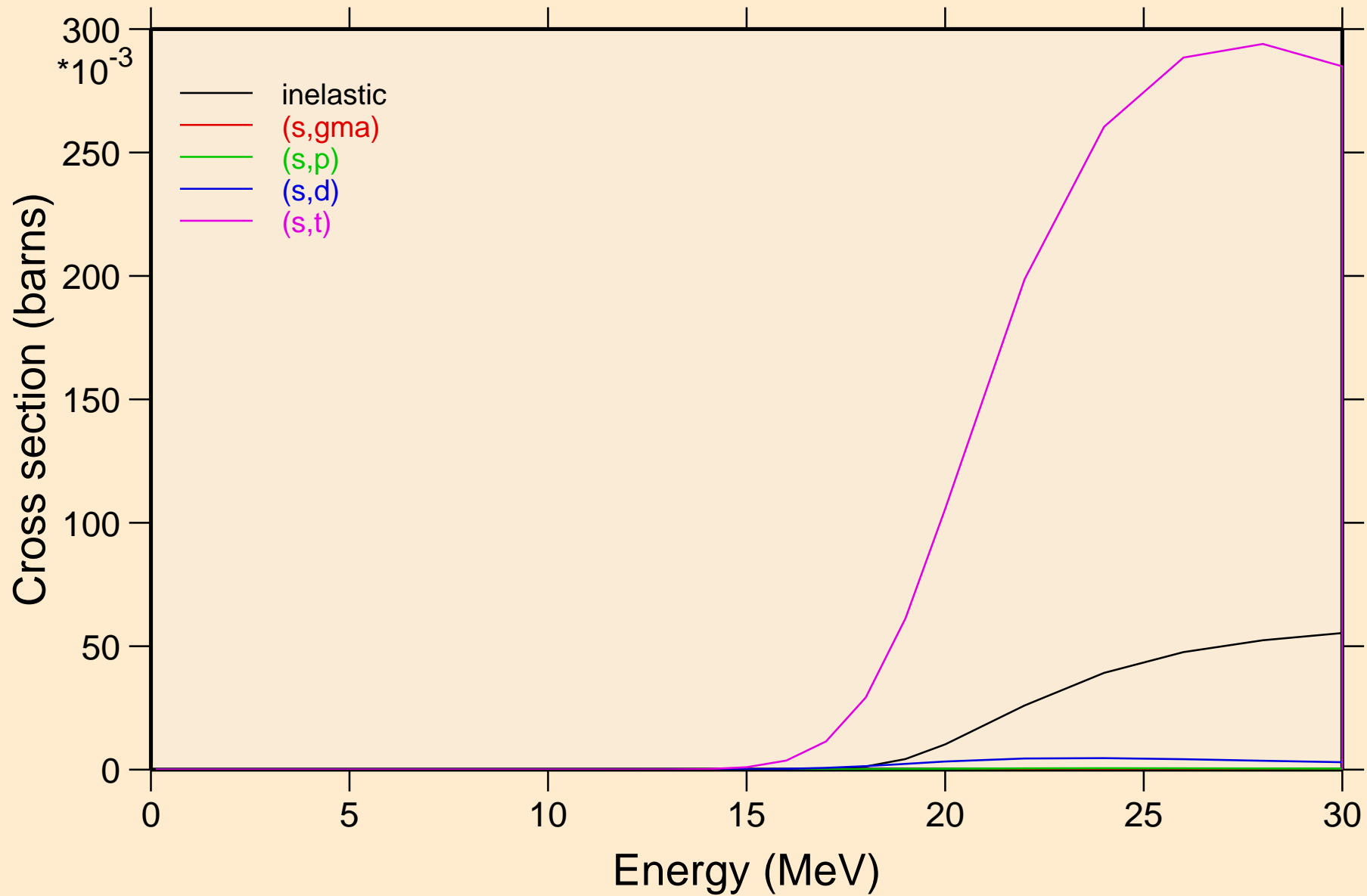


# HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

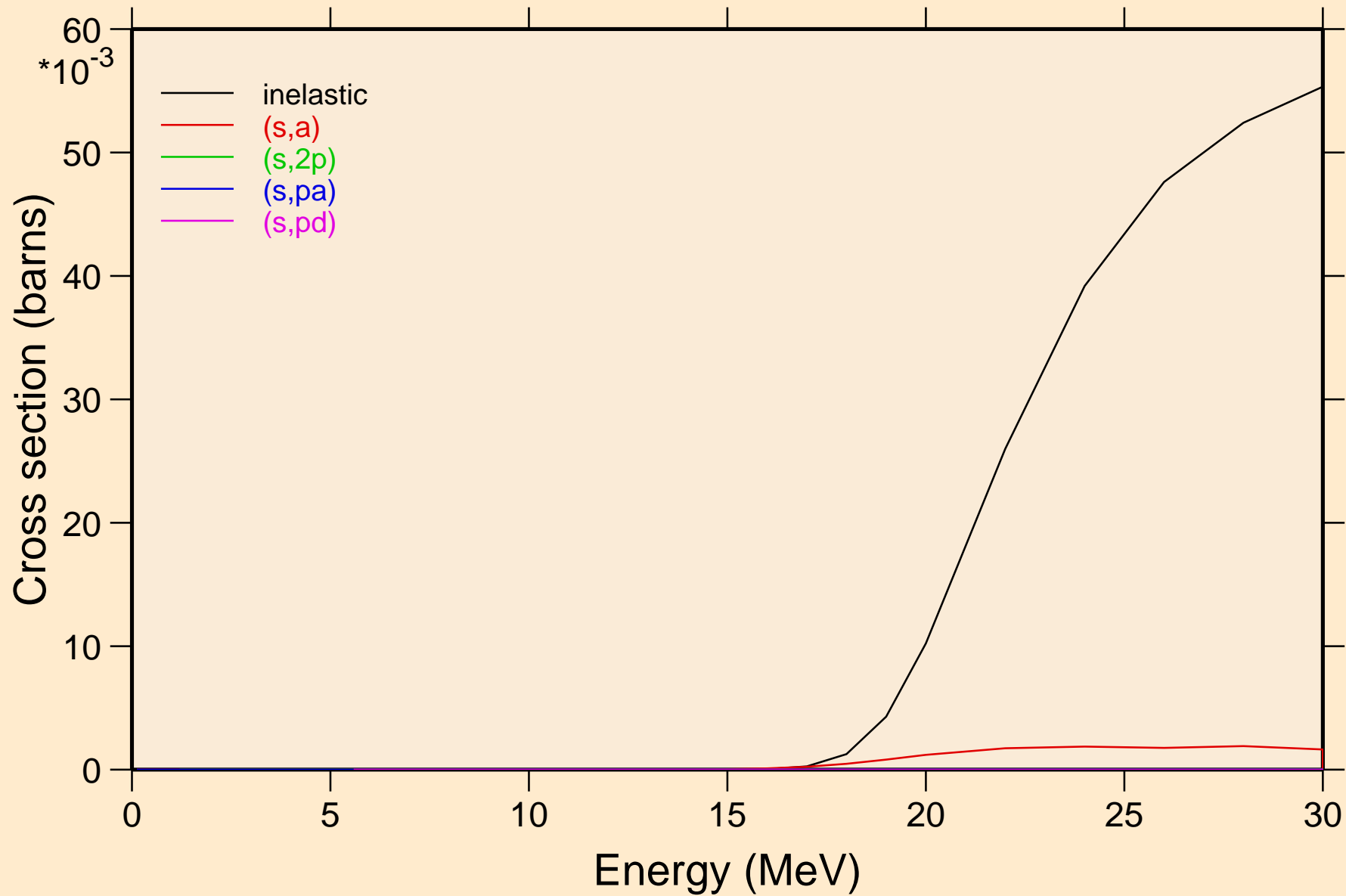


HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

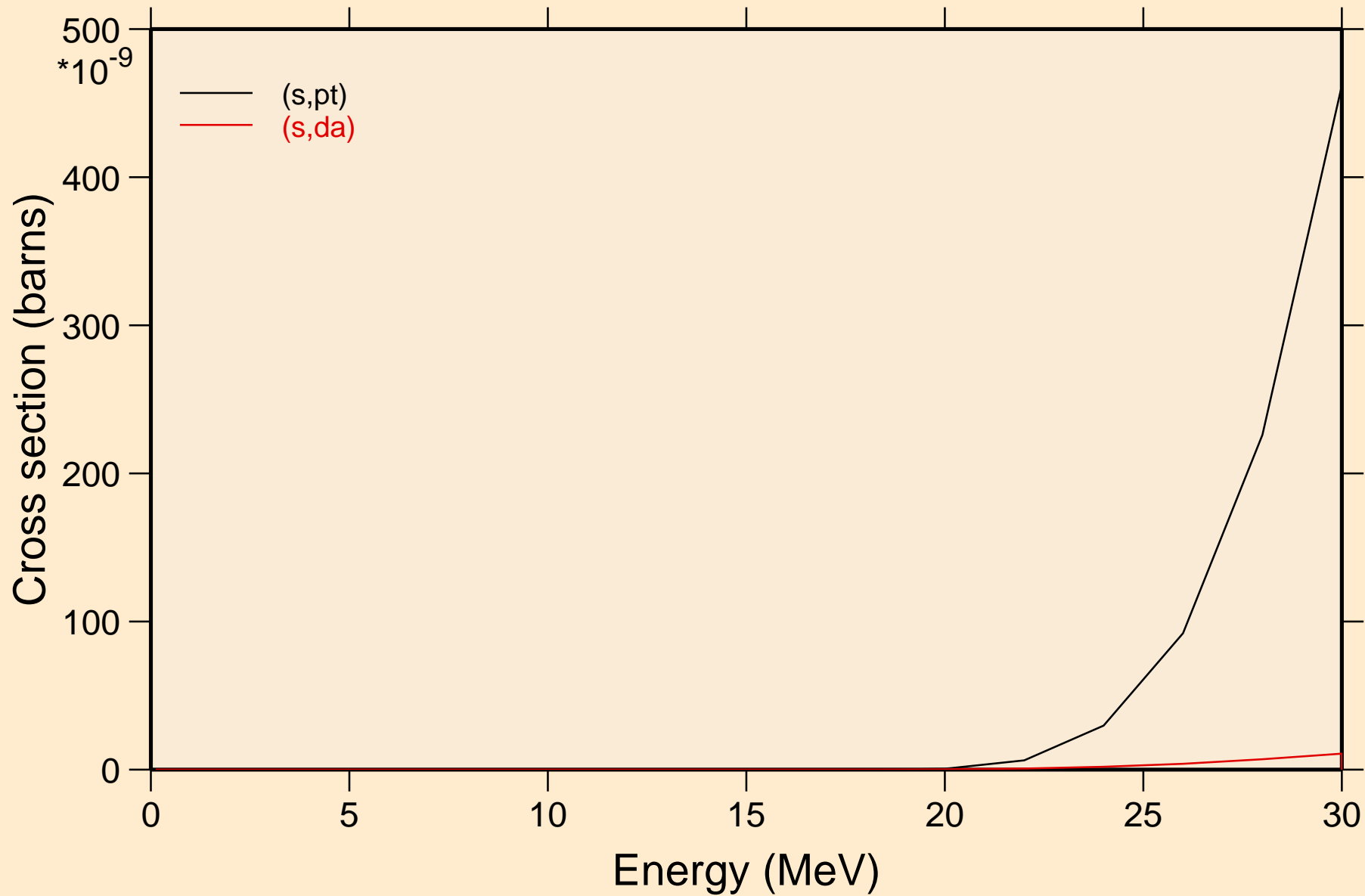


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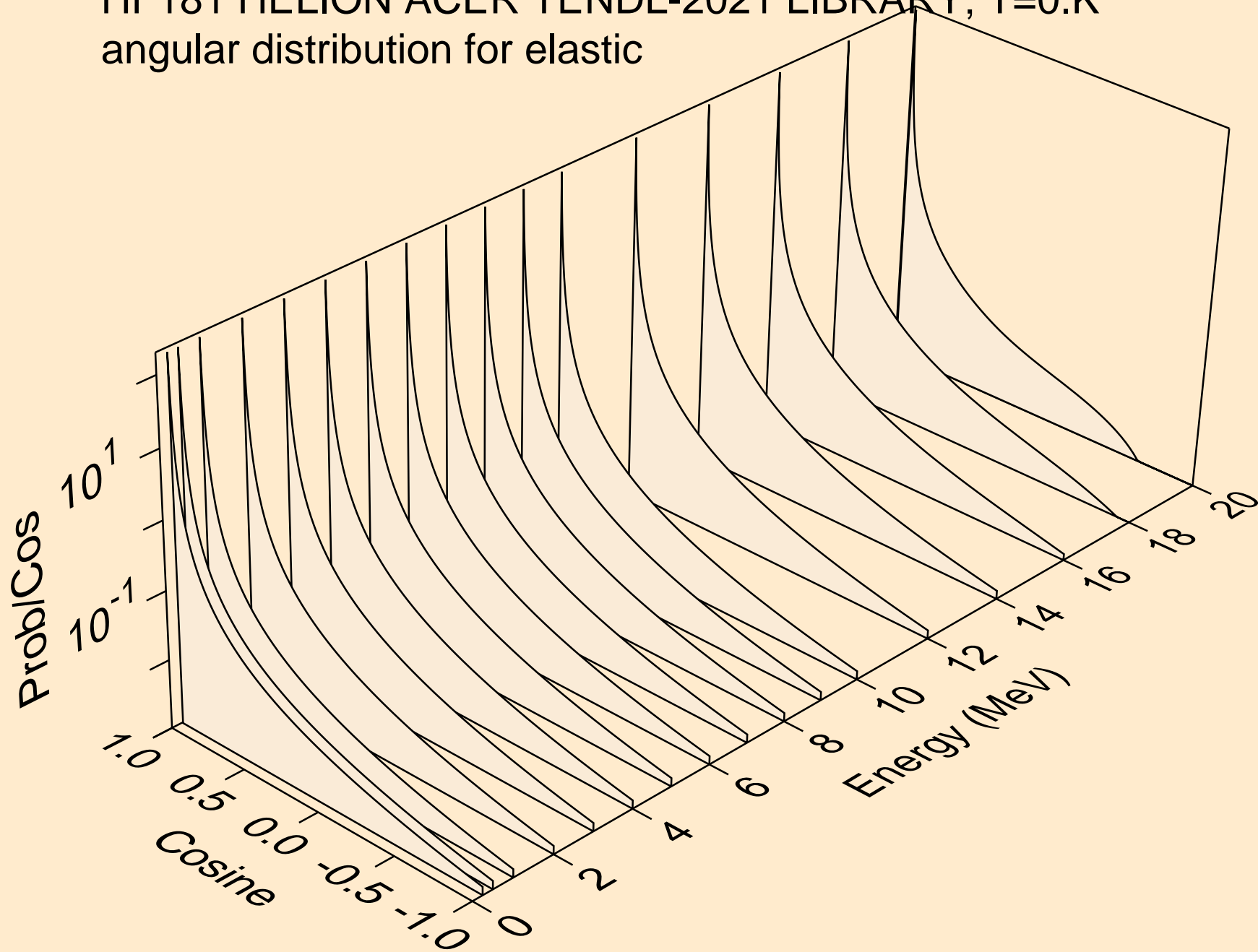
## Threshold reactions



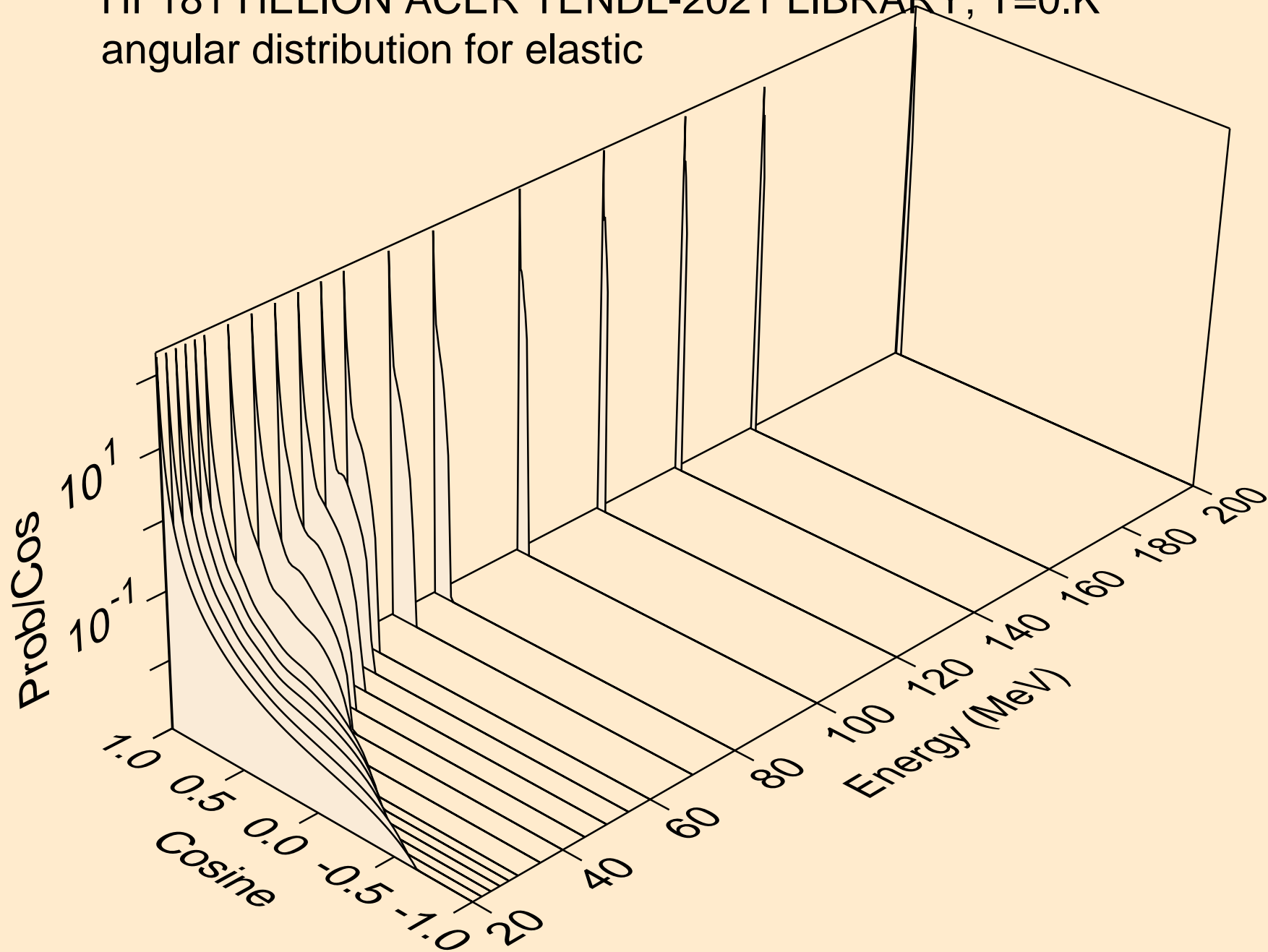
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



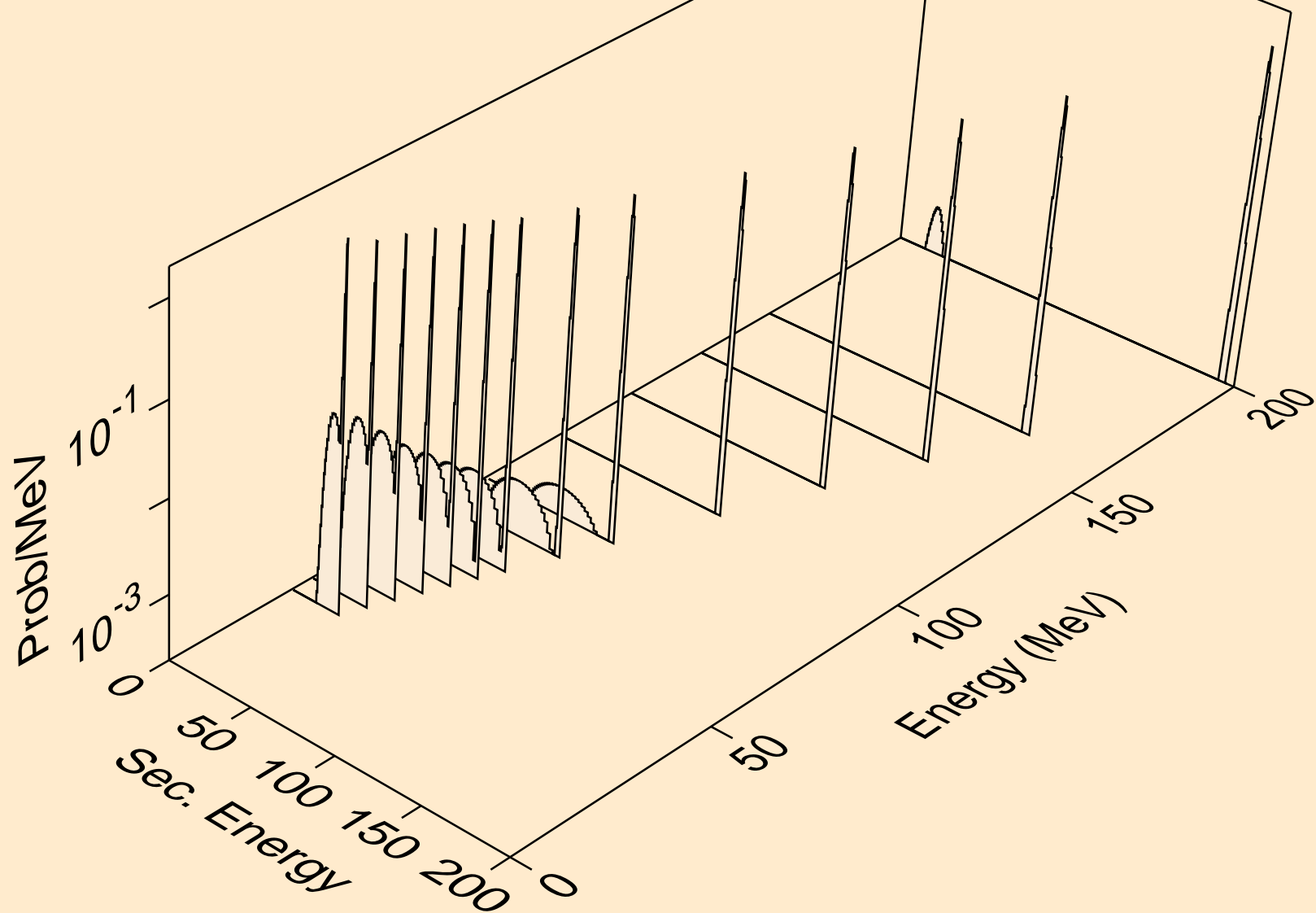
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



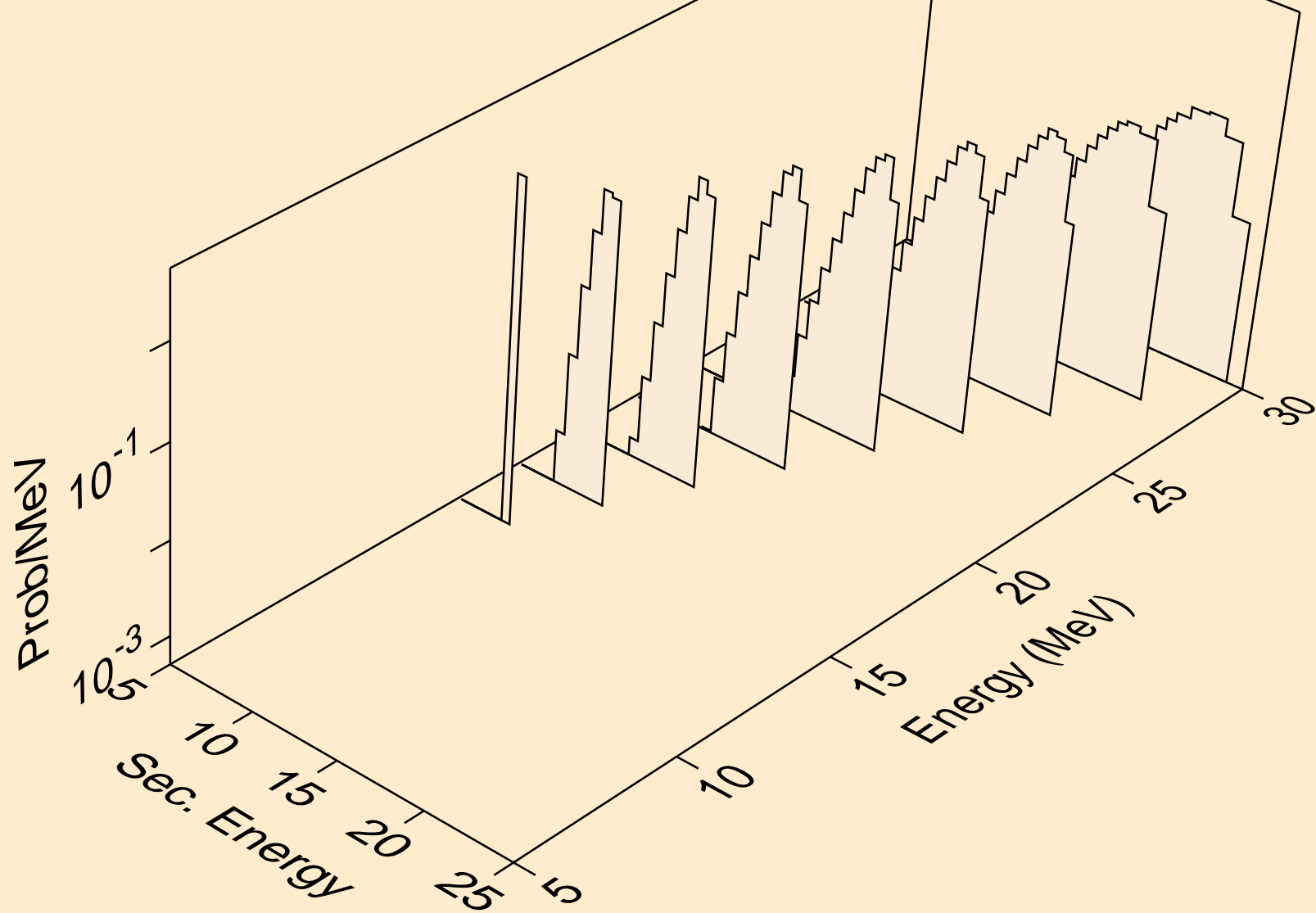
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

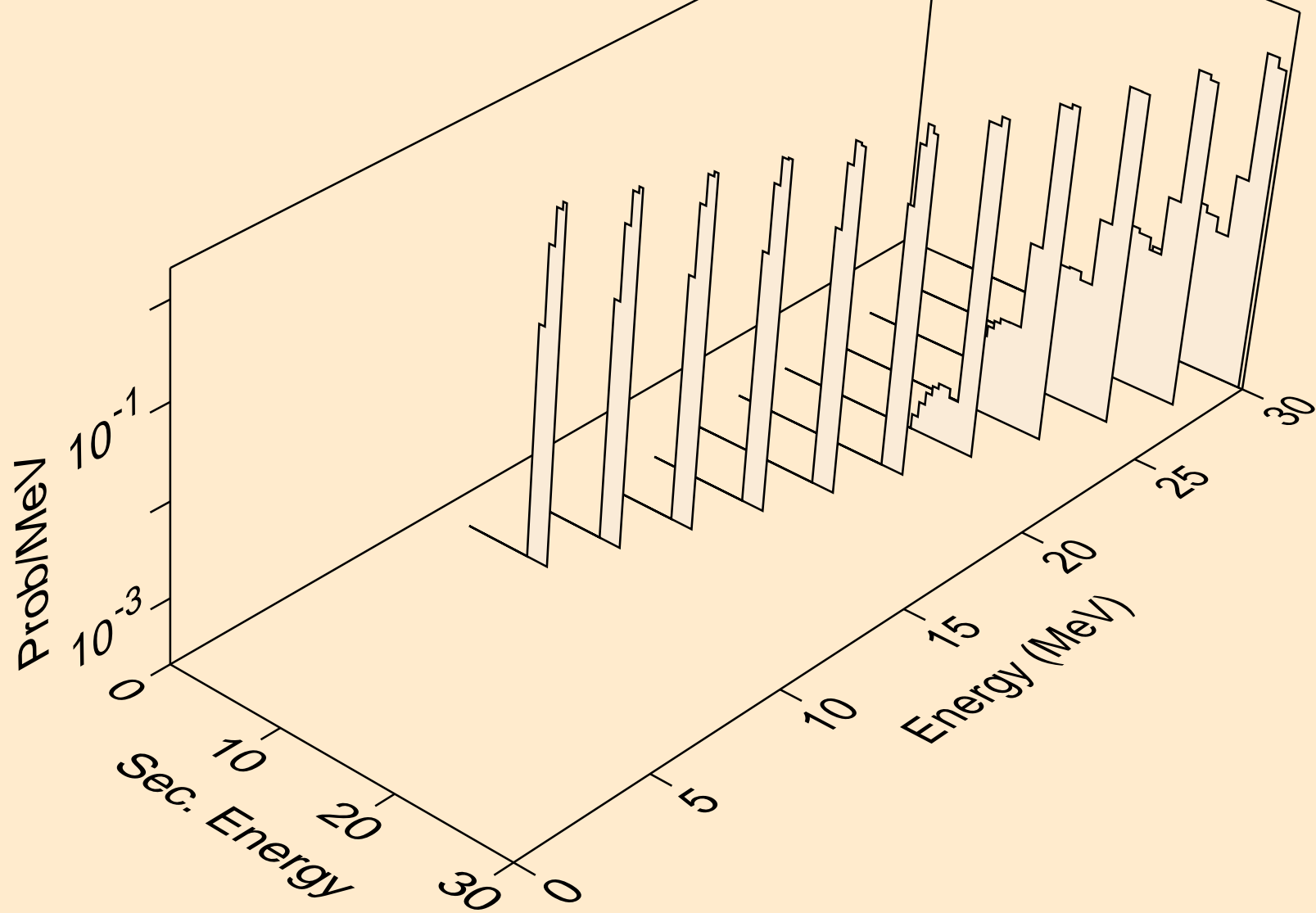


HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

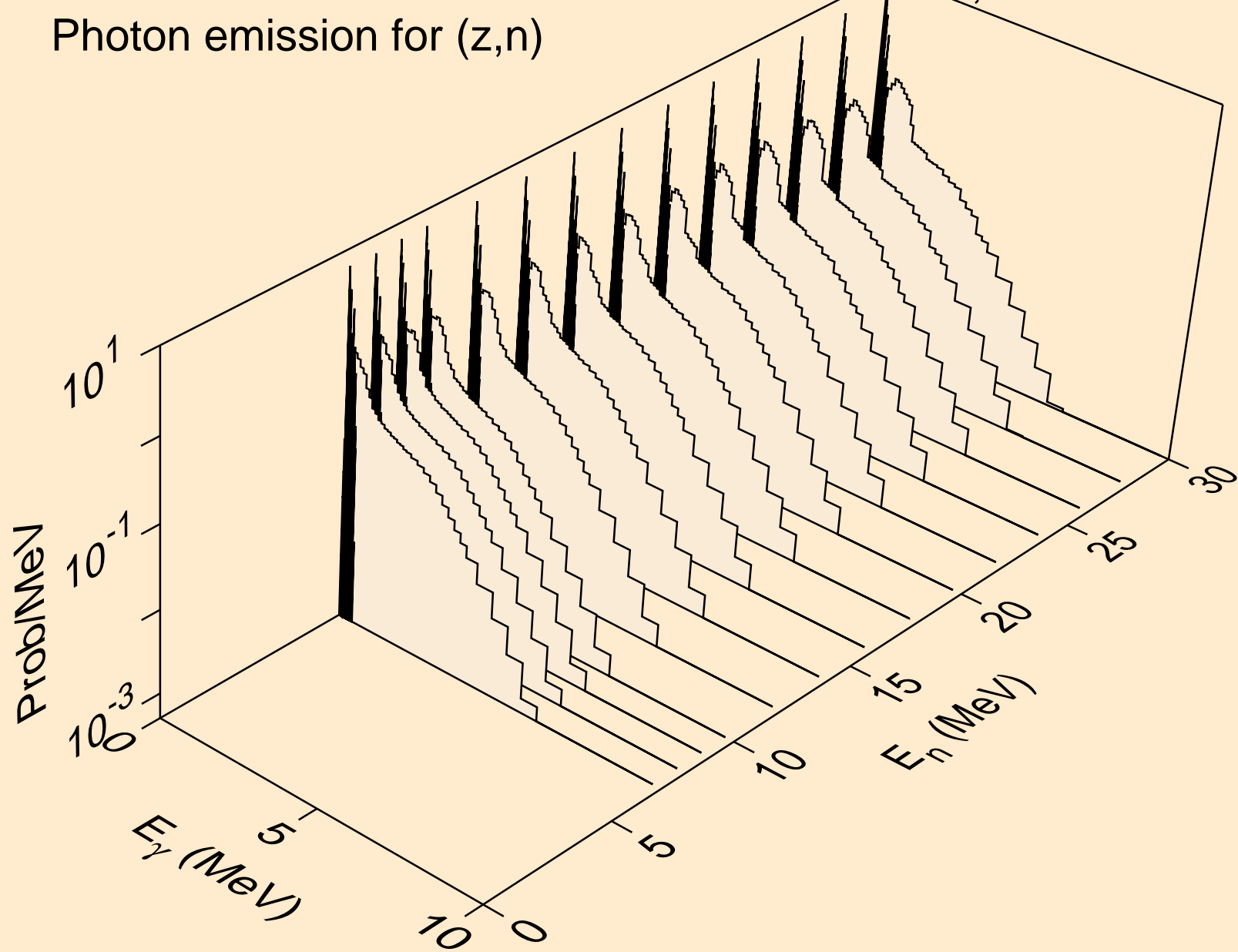




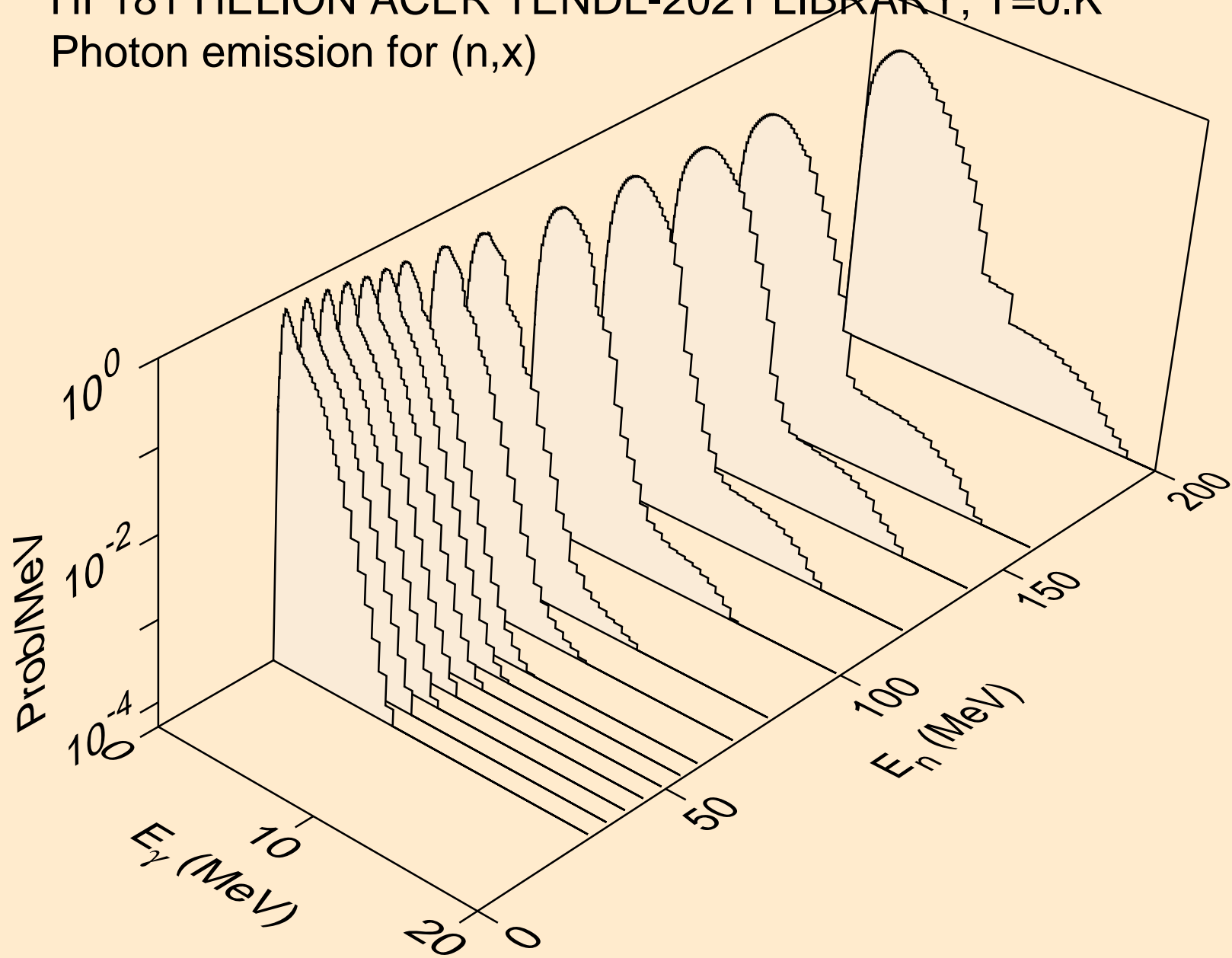
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



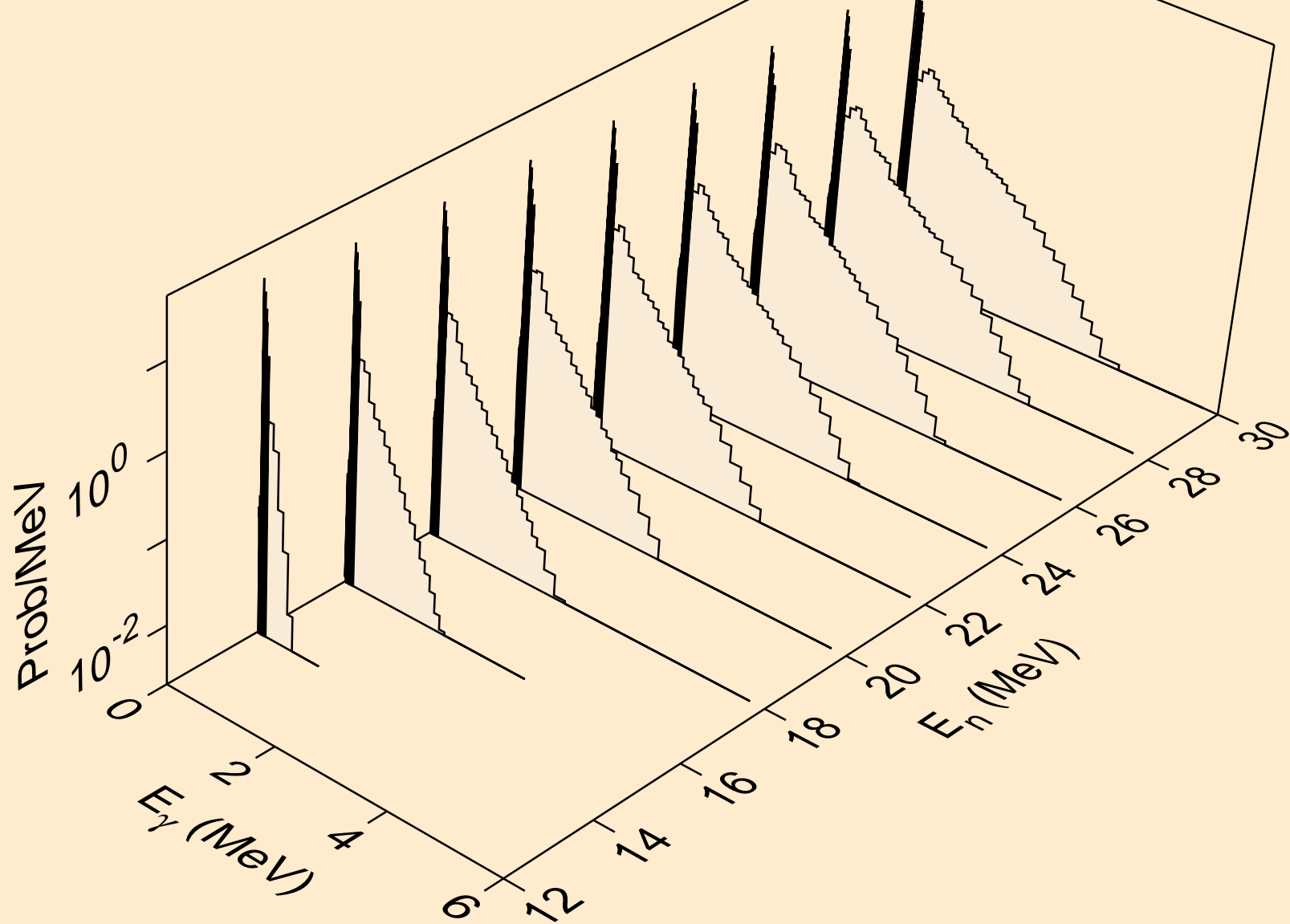
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



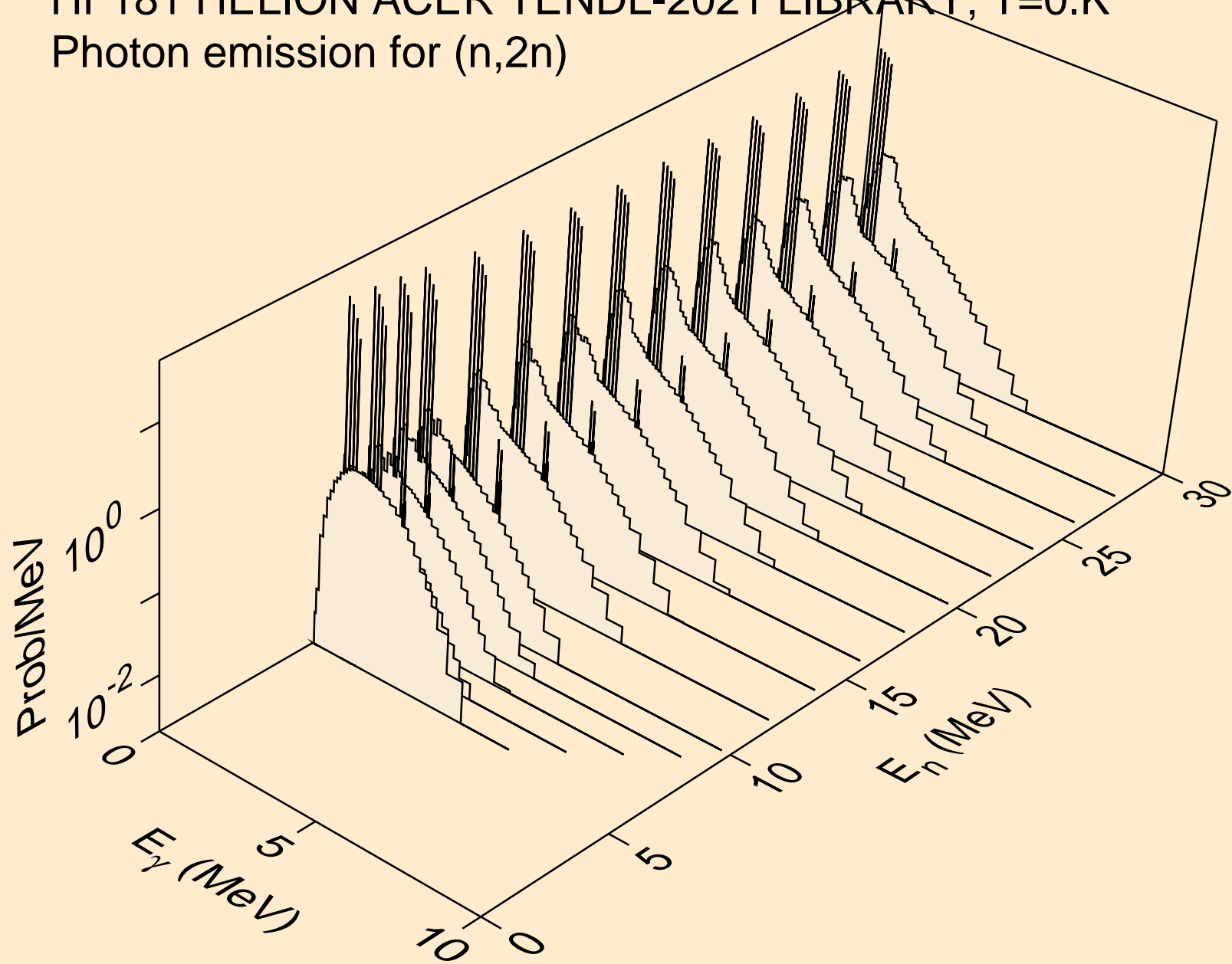
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



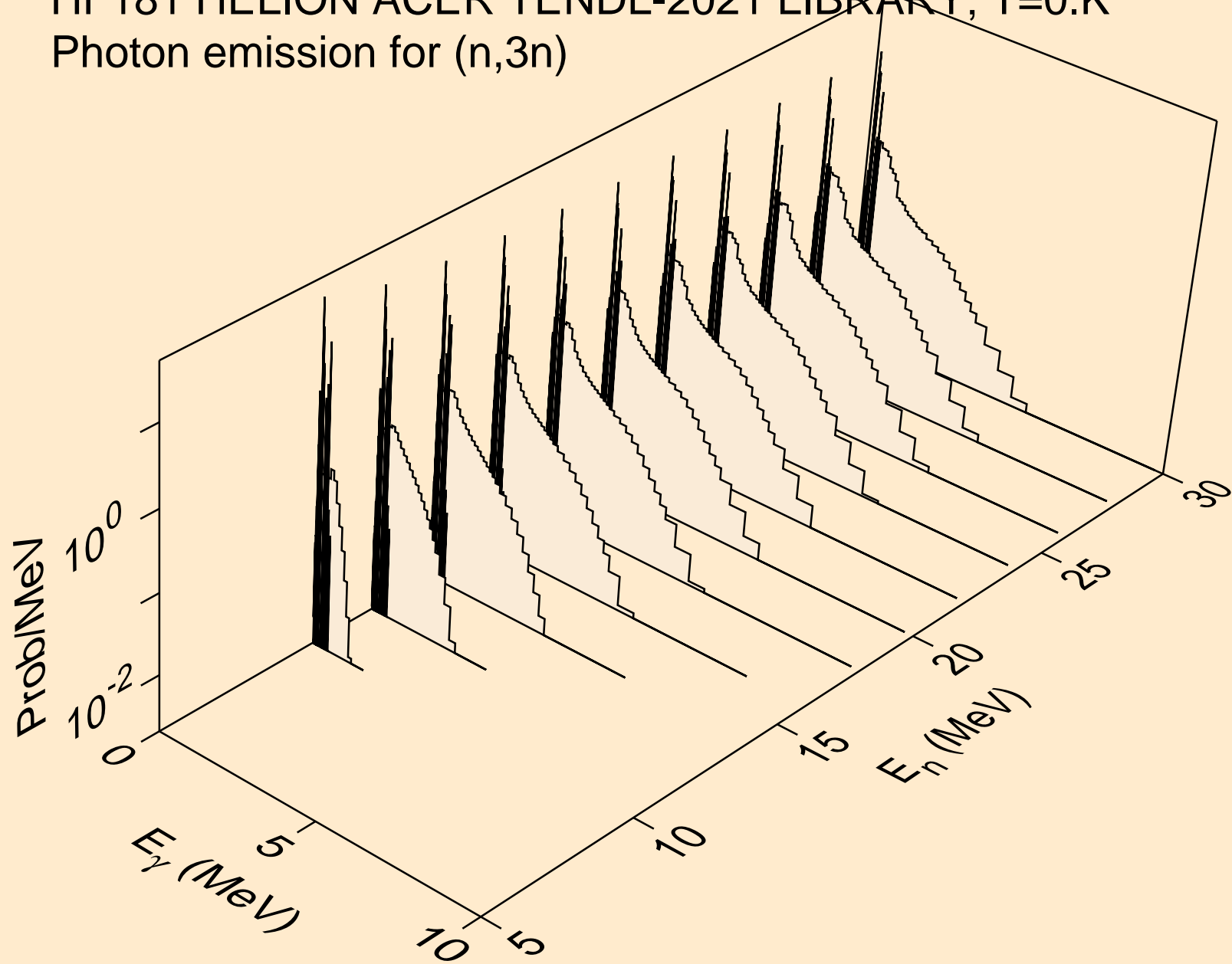
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



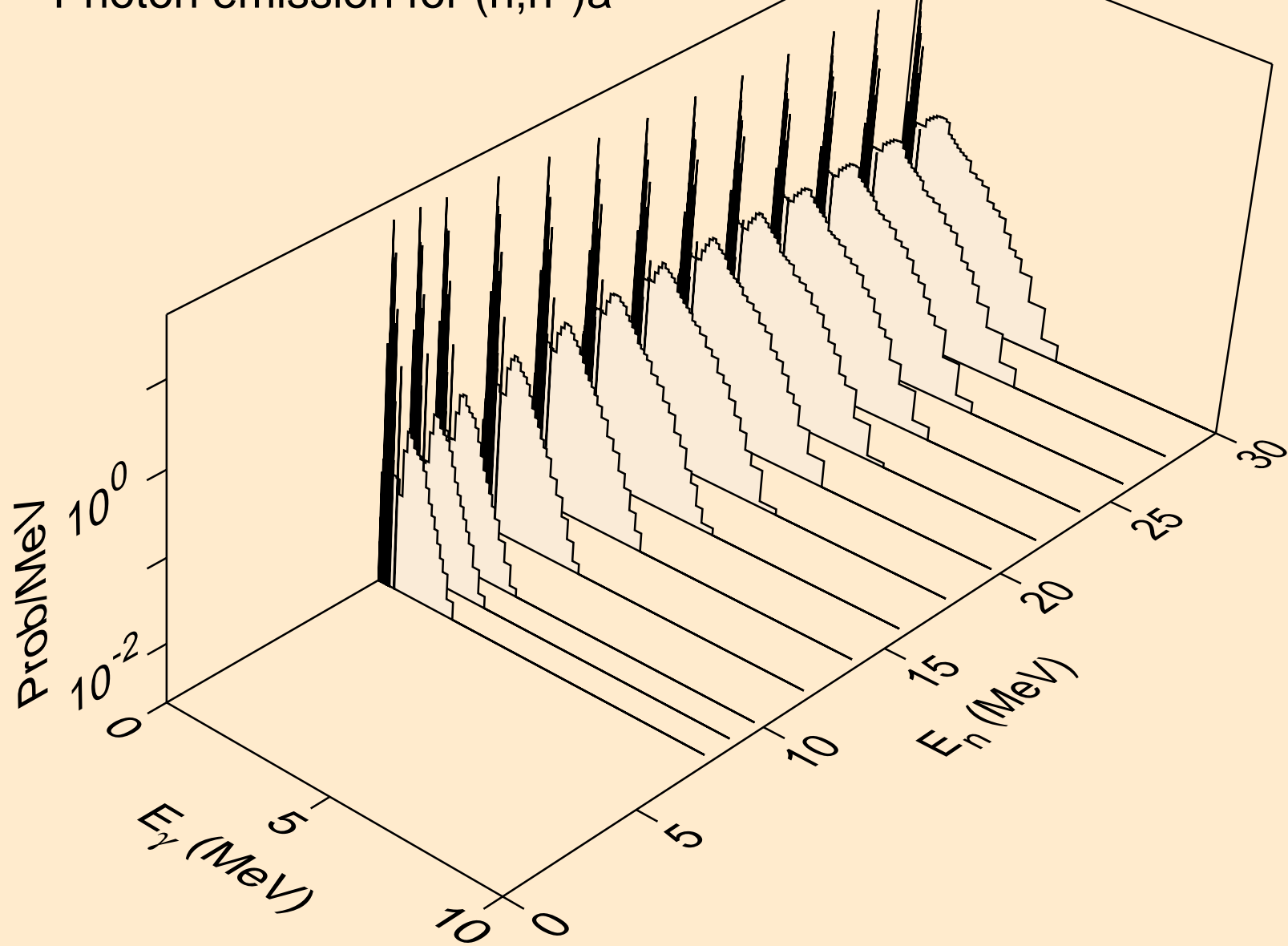
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



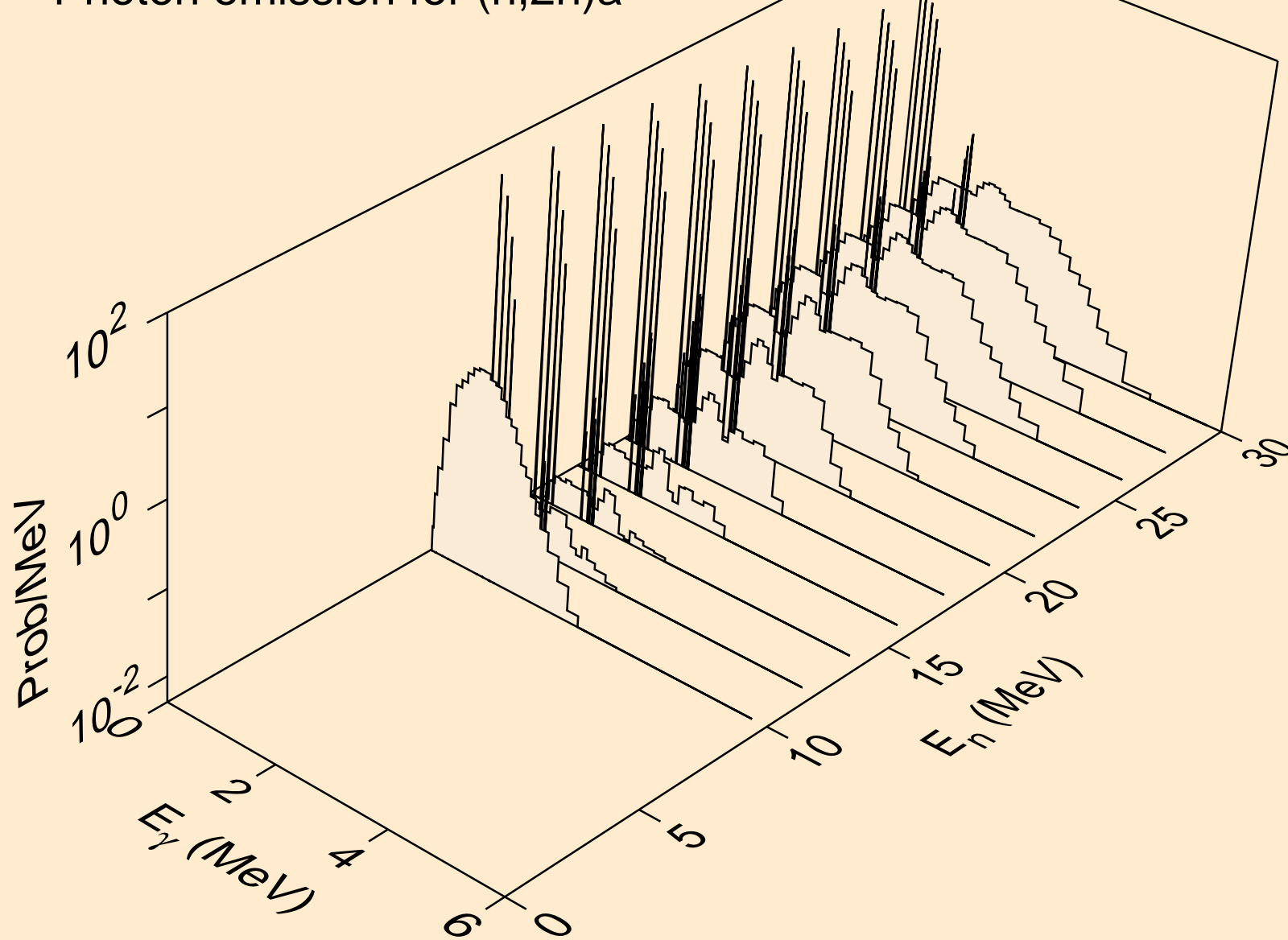
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

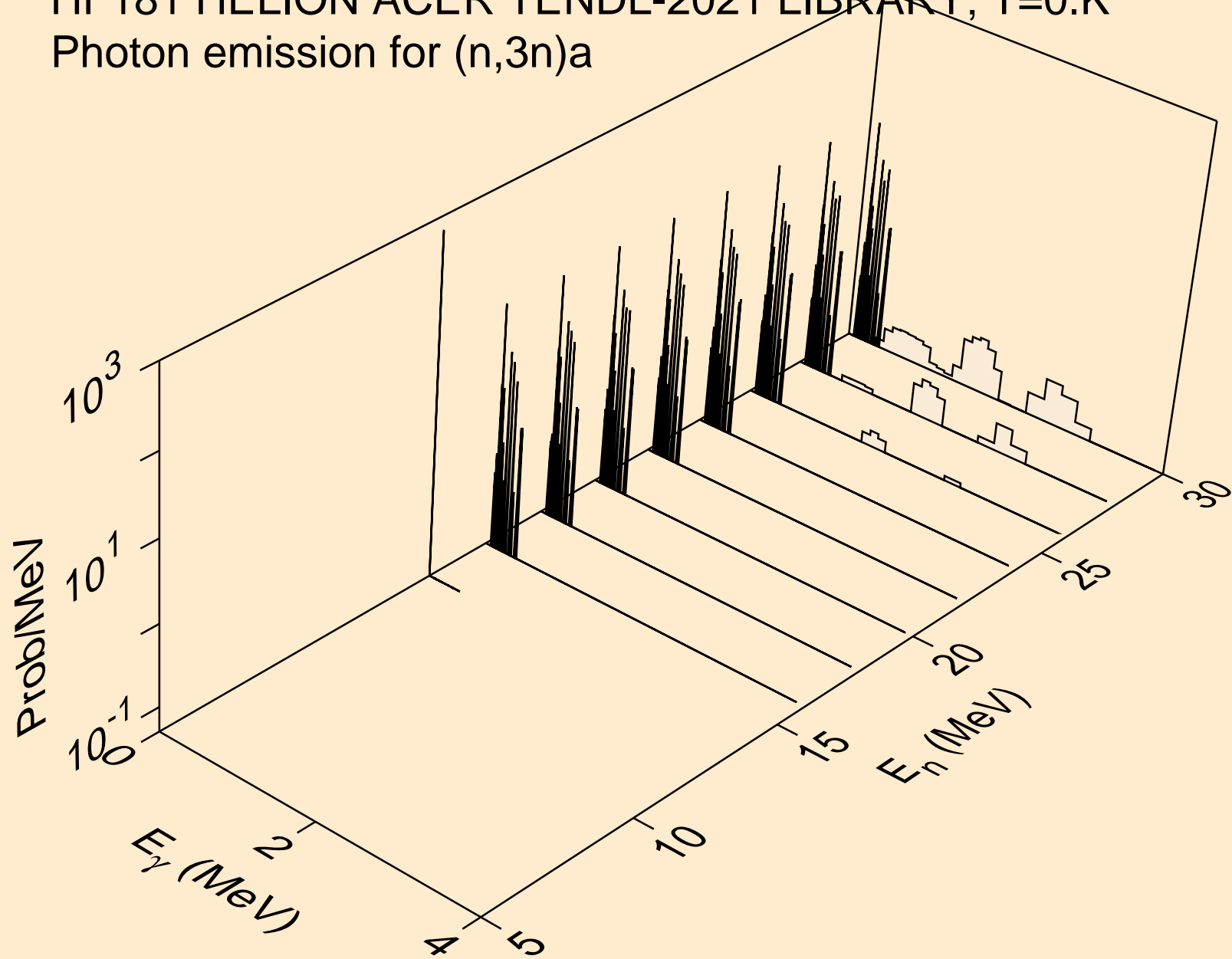


HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

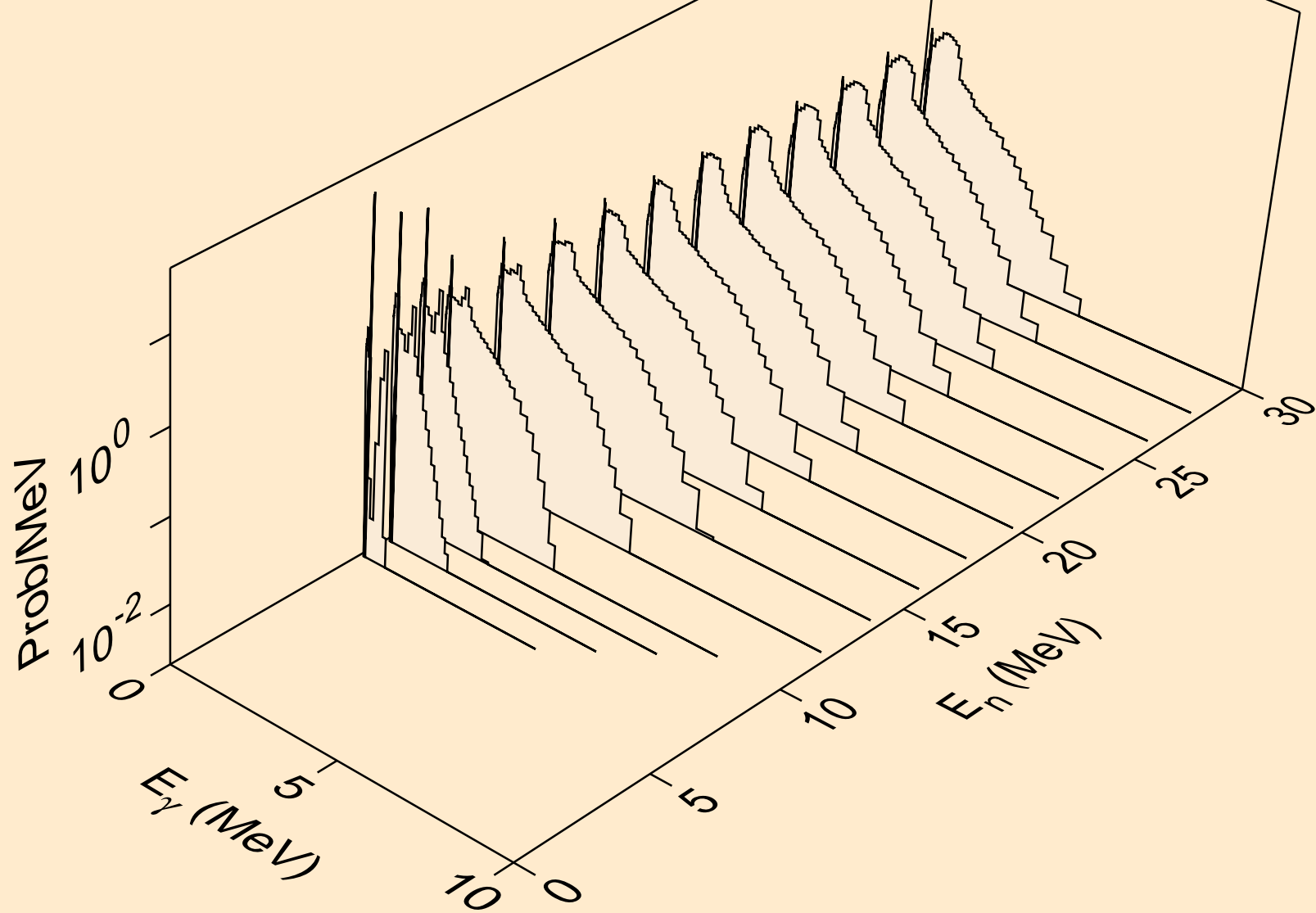




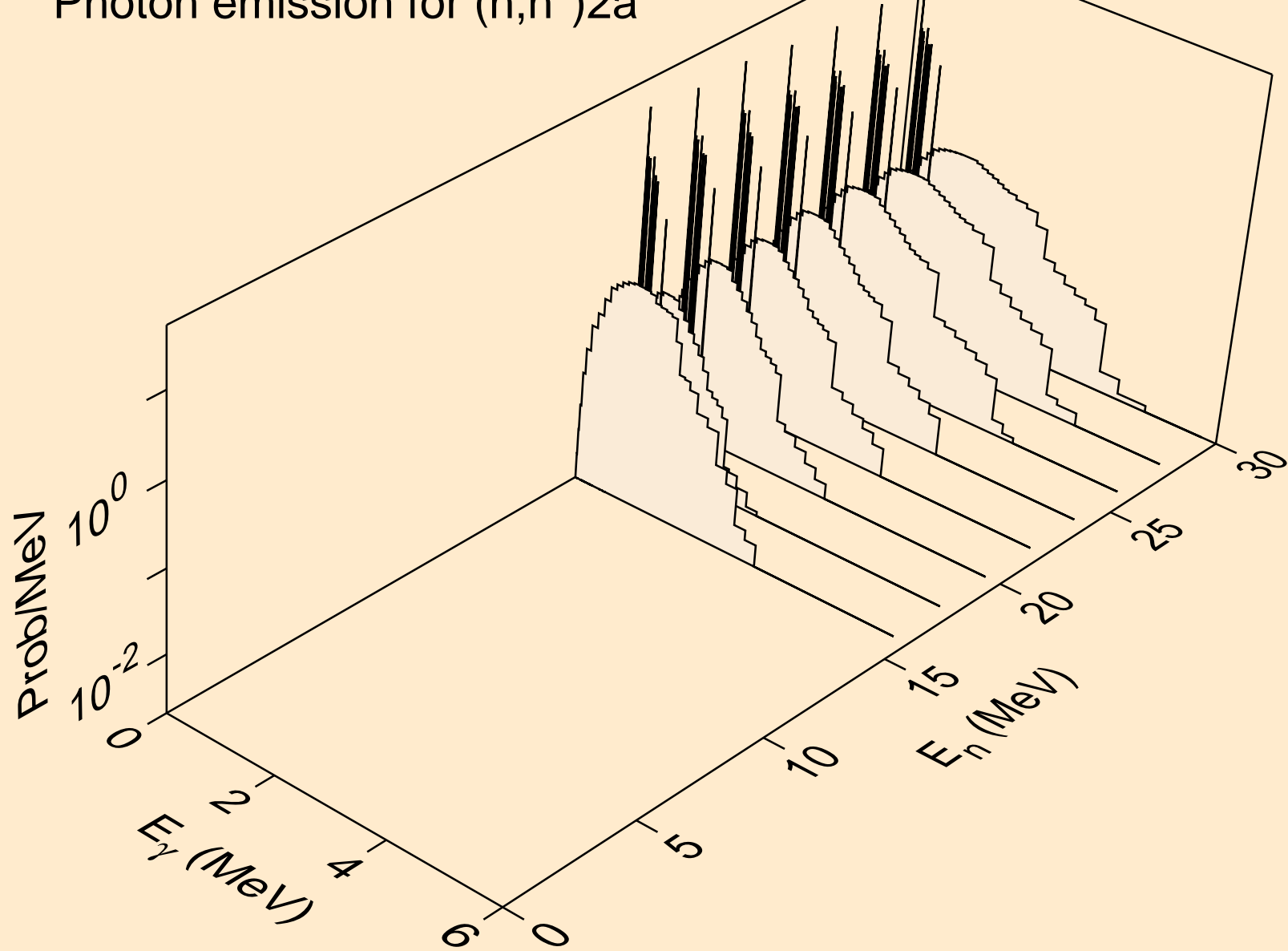
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



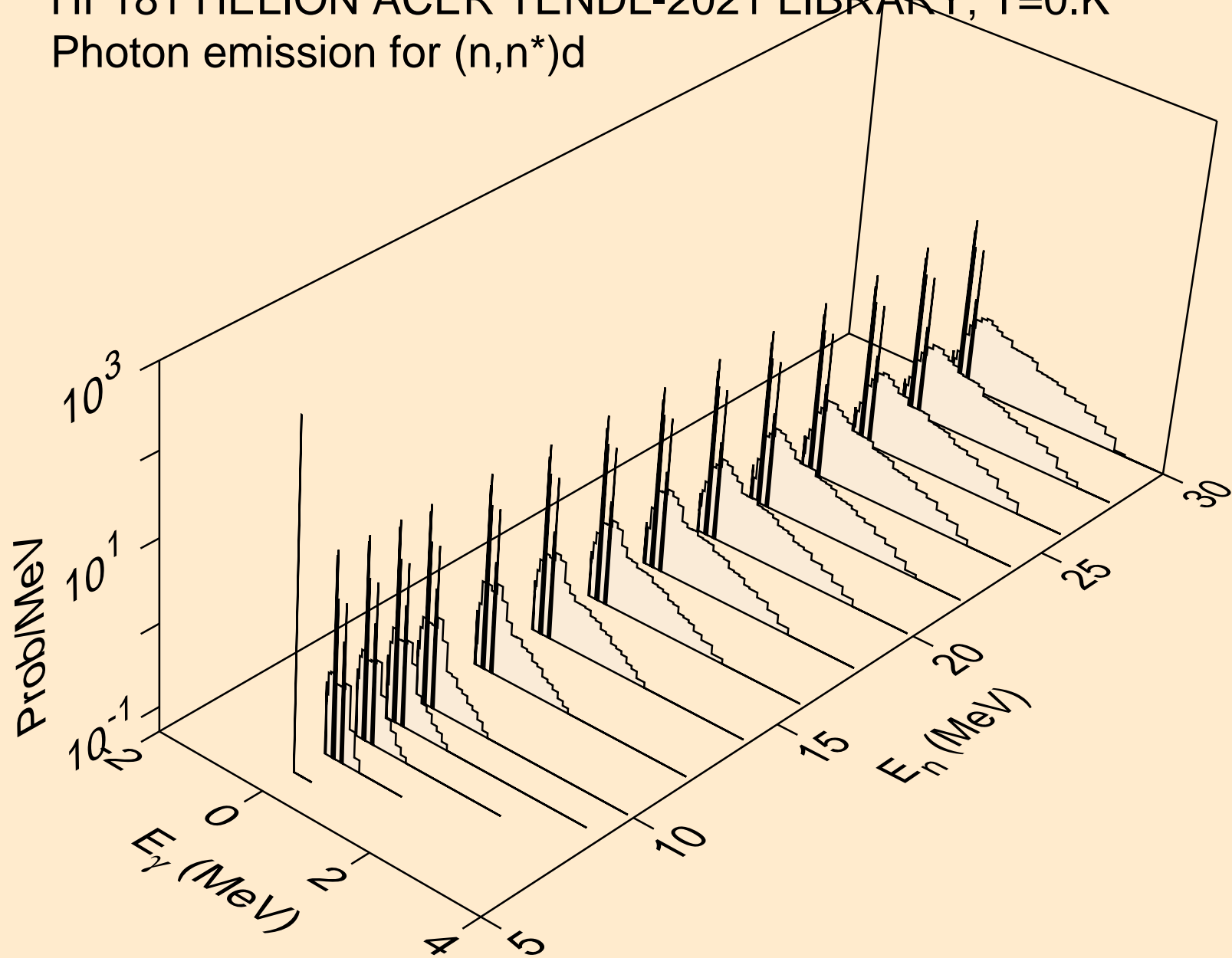
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



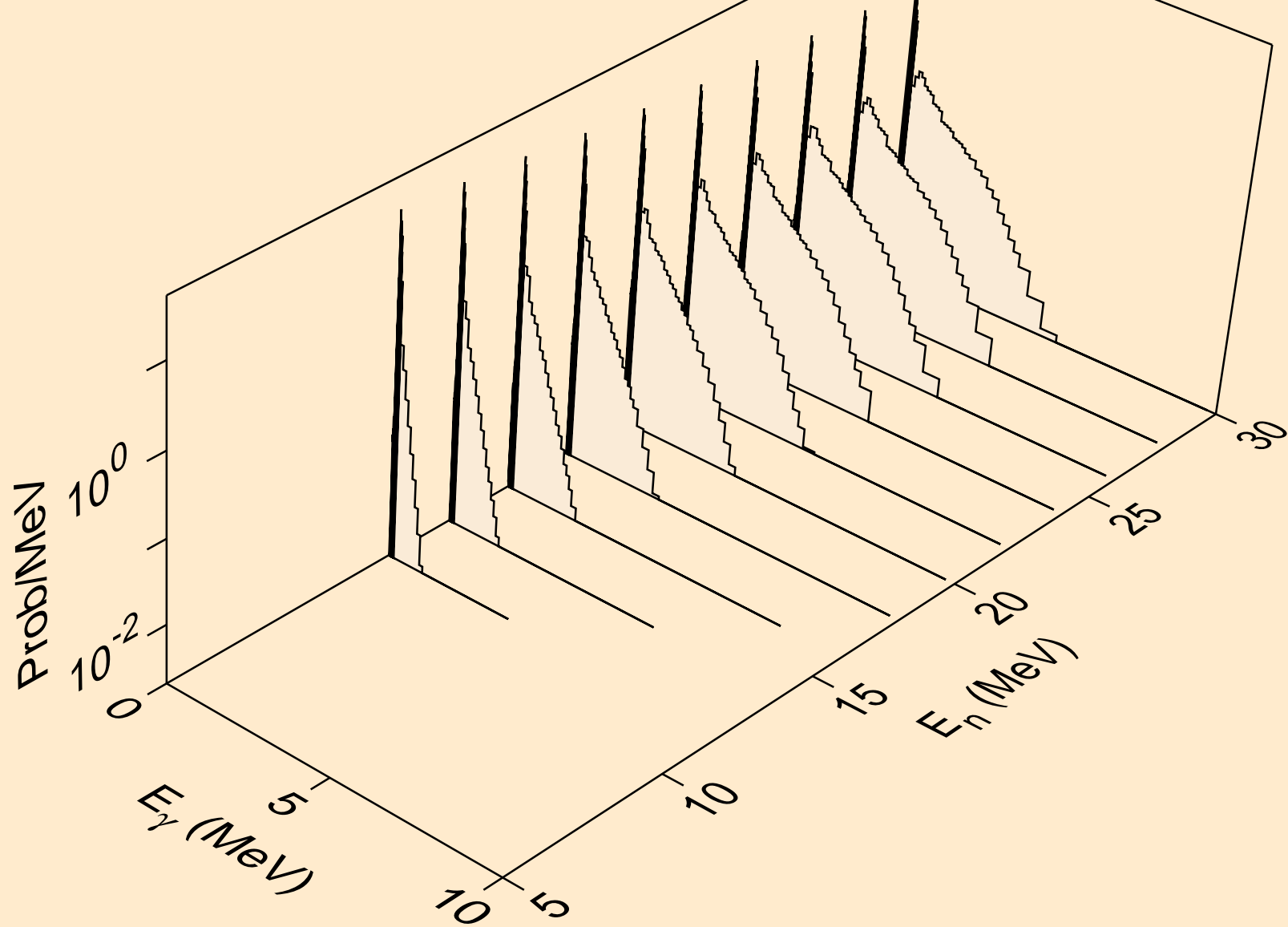
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



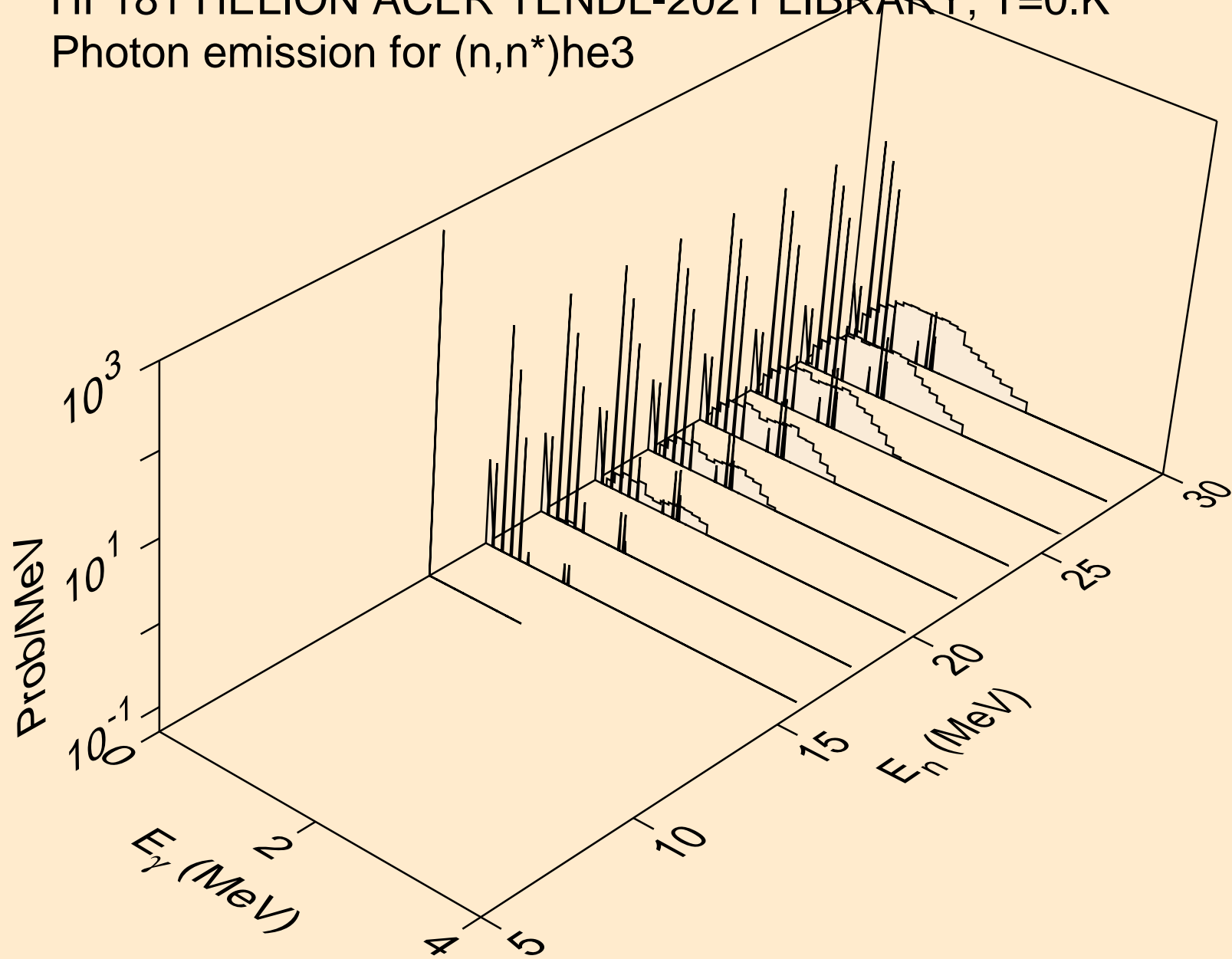
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



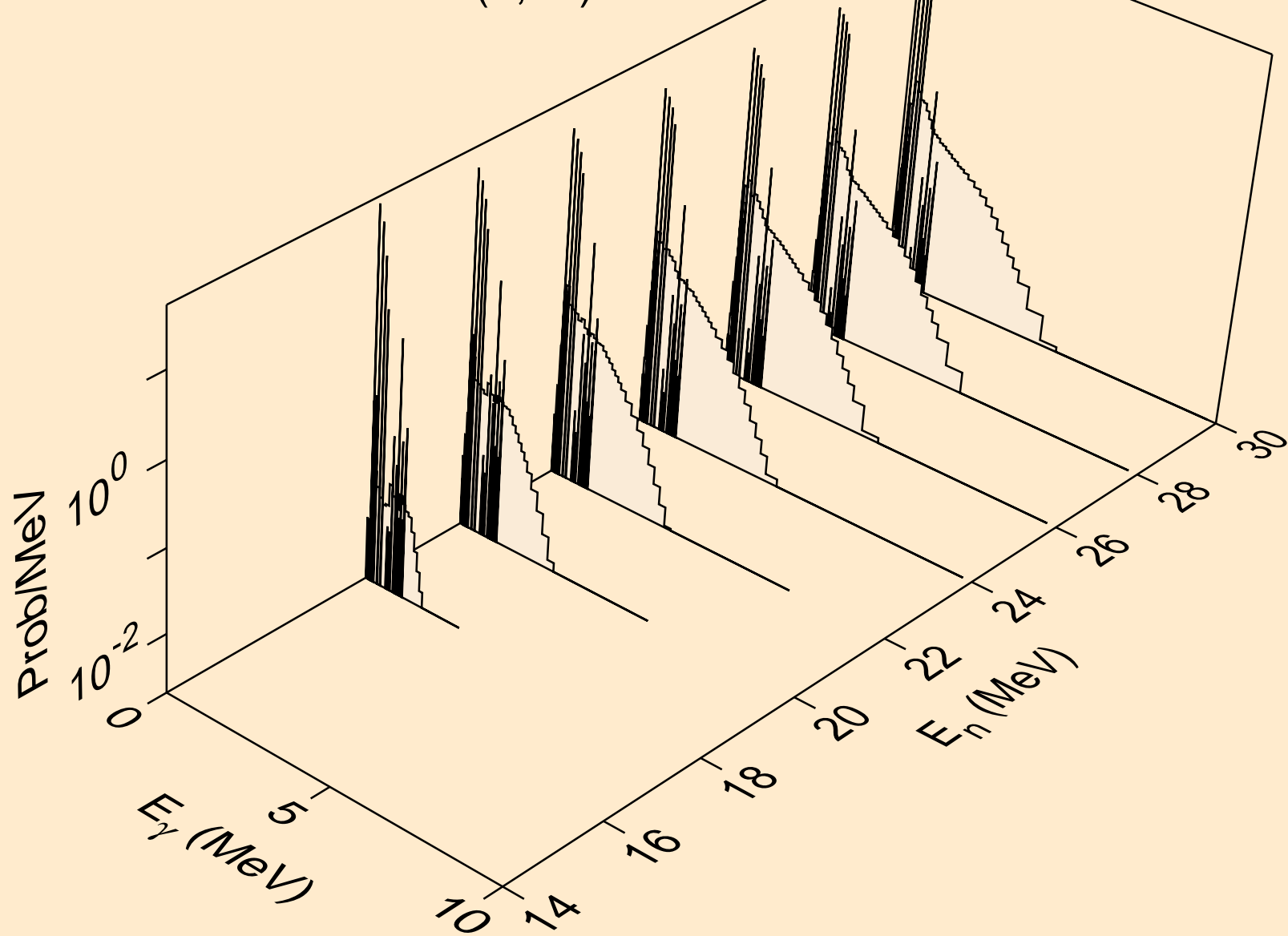
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



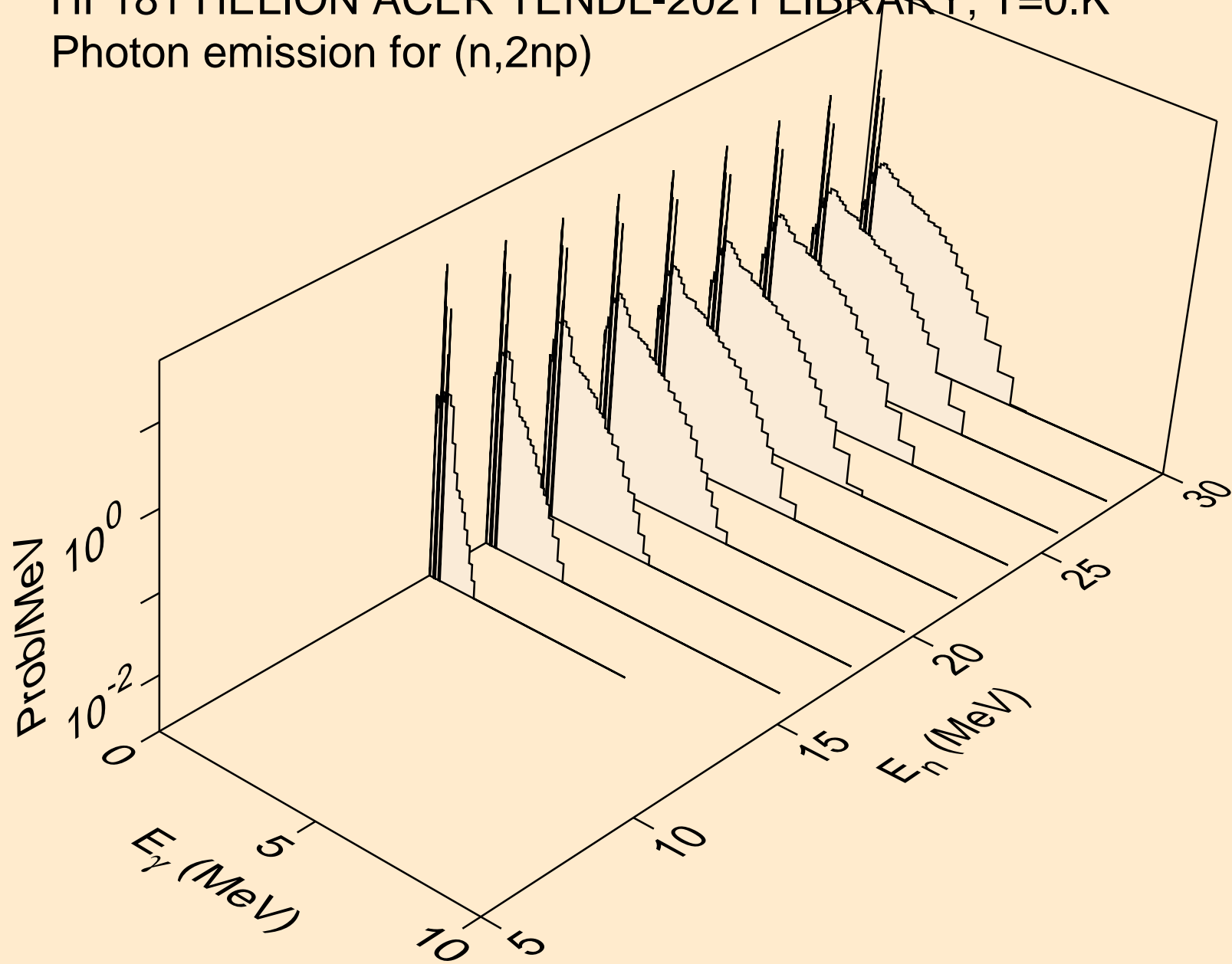
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

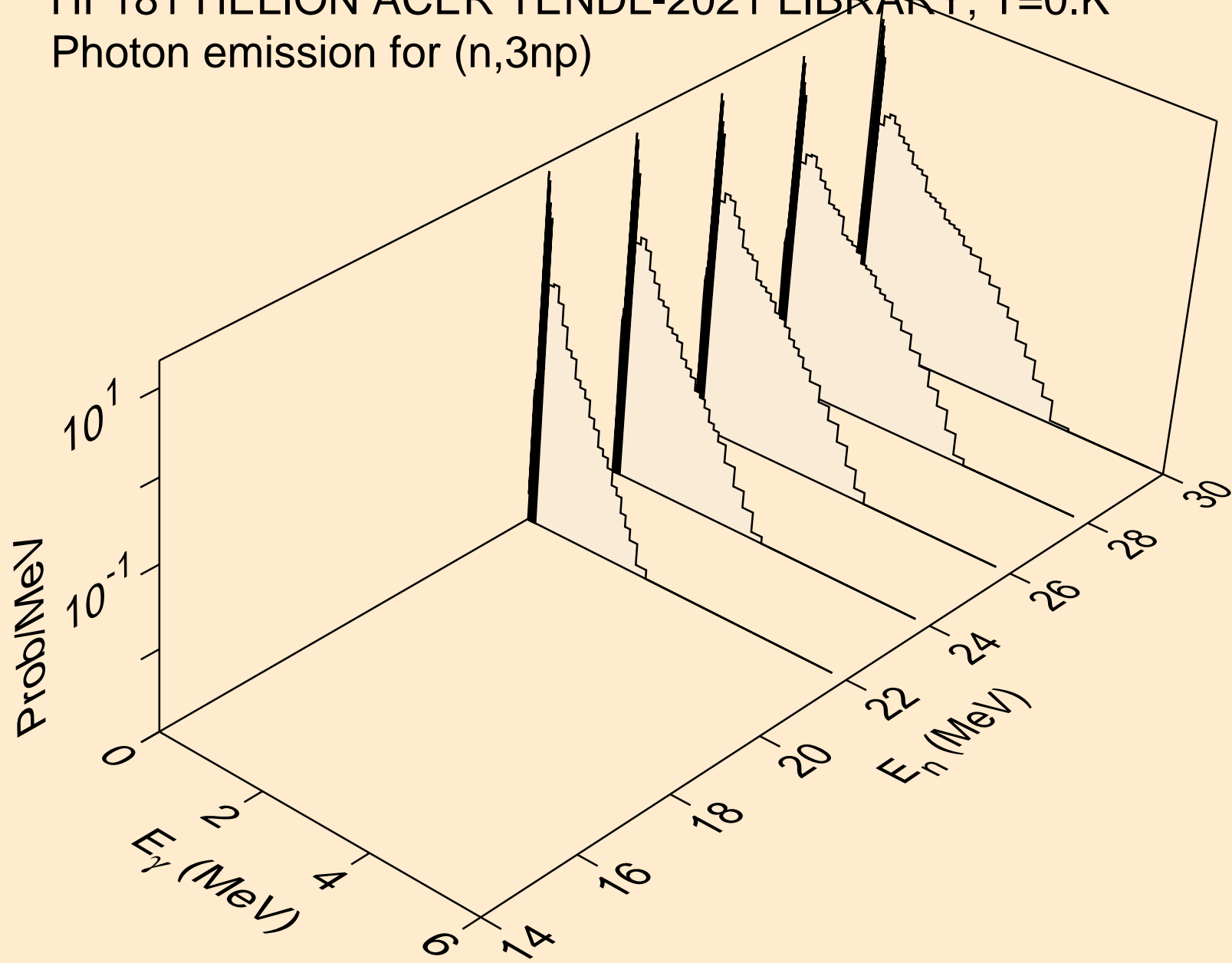


HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

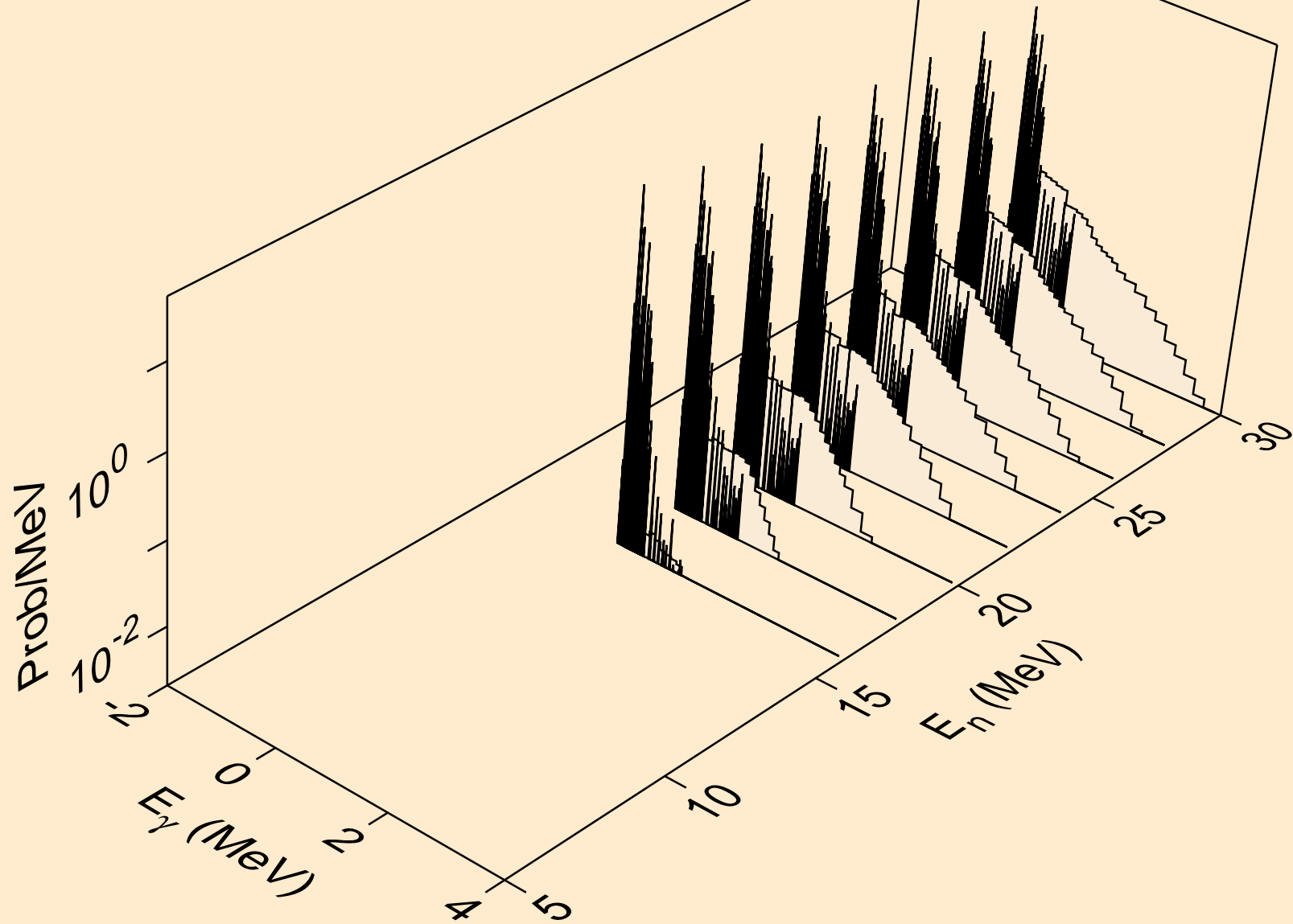




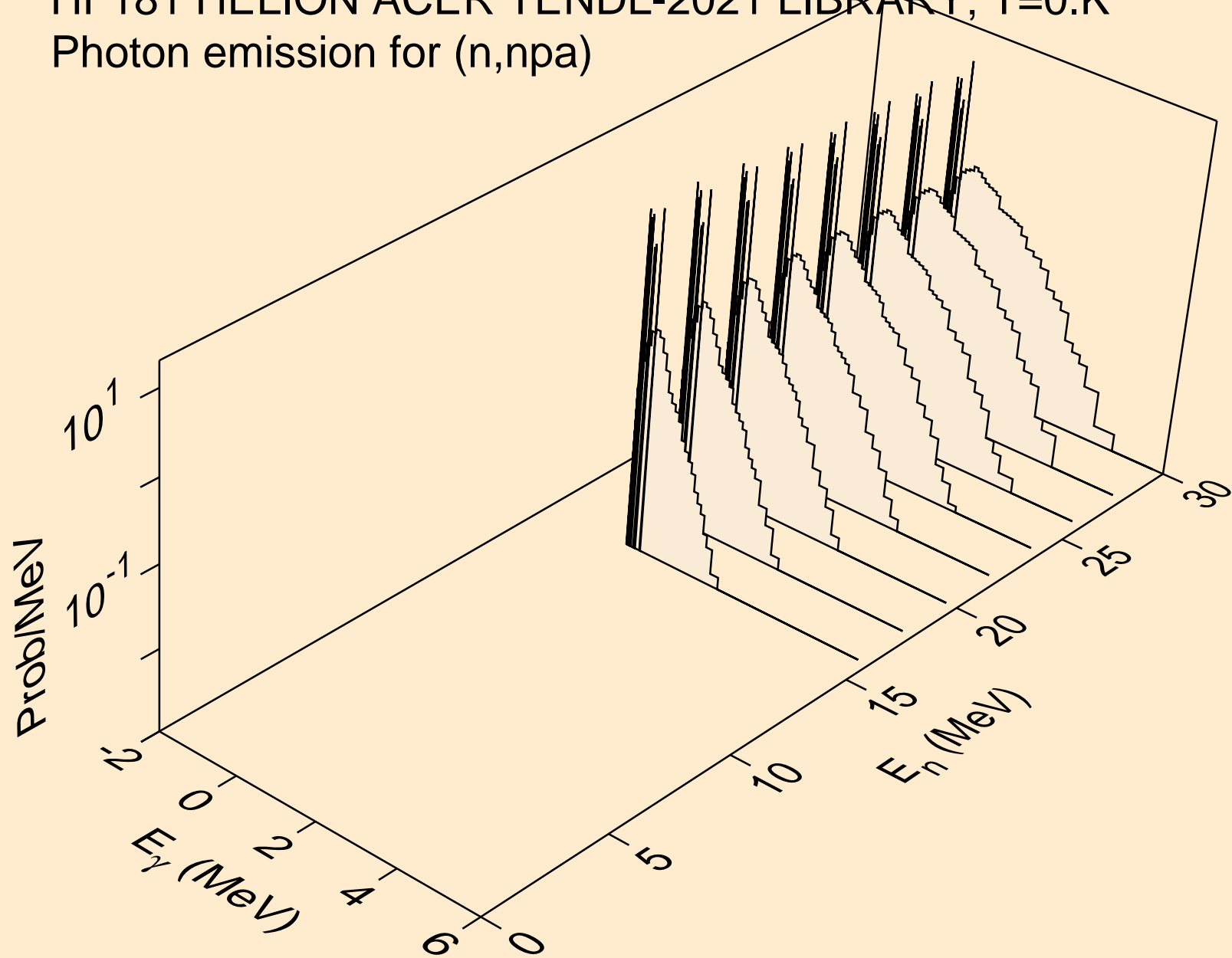
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Photon emission for (n,3np)



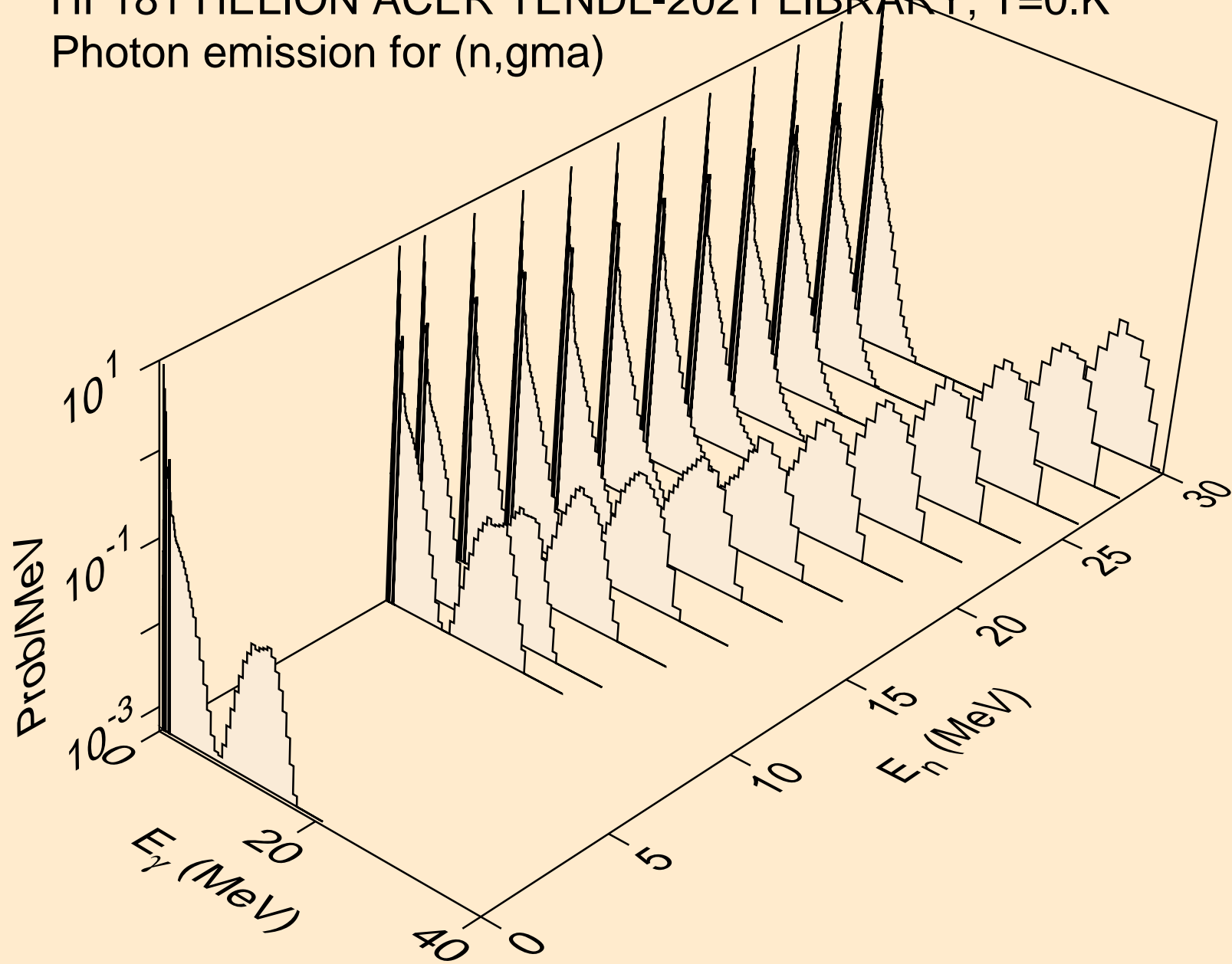
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Photon emission for (n,2np)



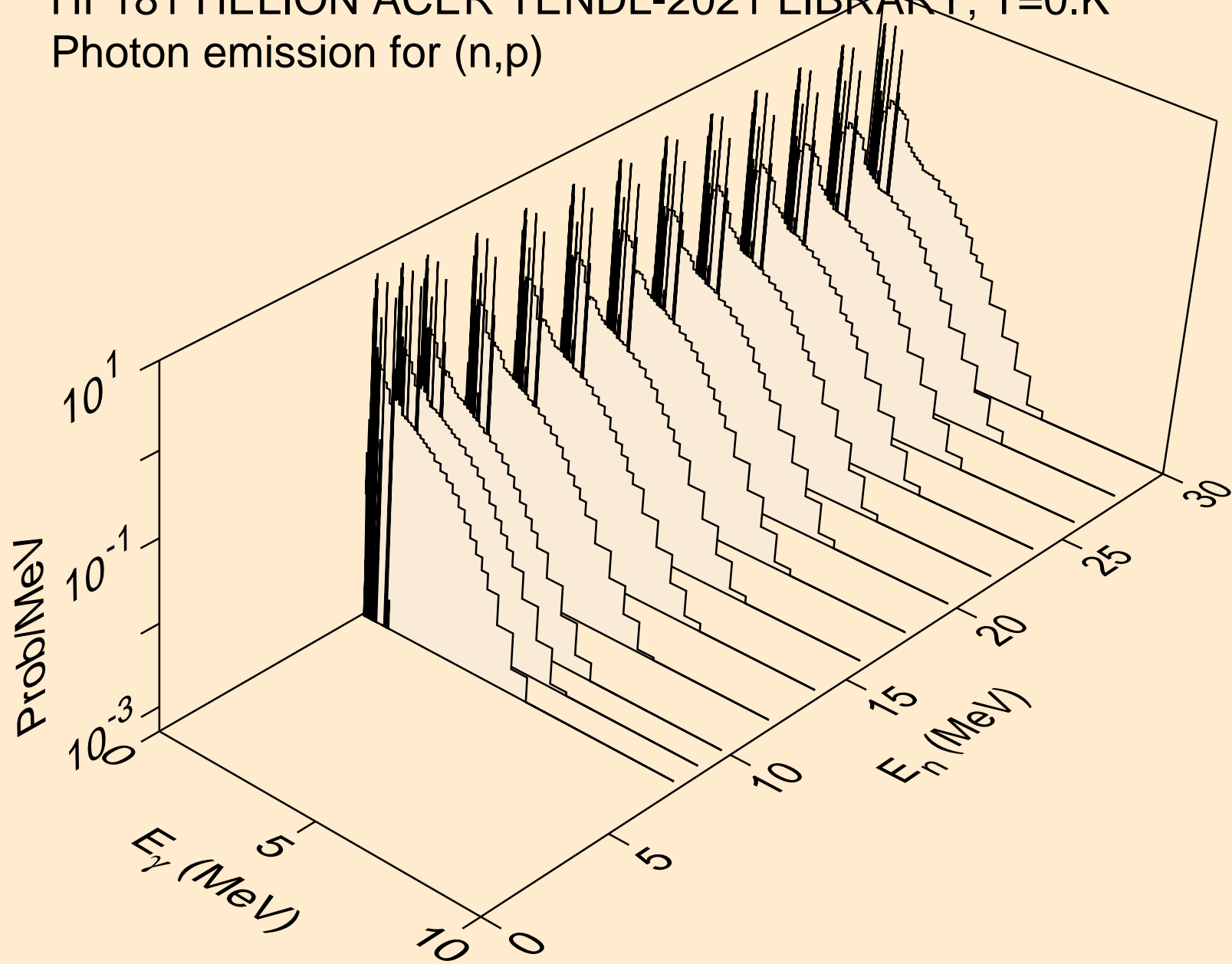
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Photon emission for (n,npa)



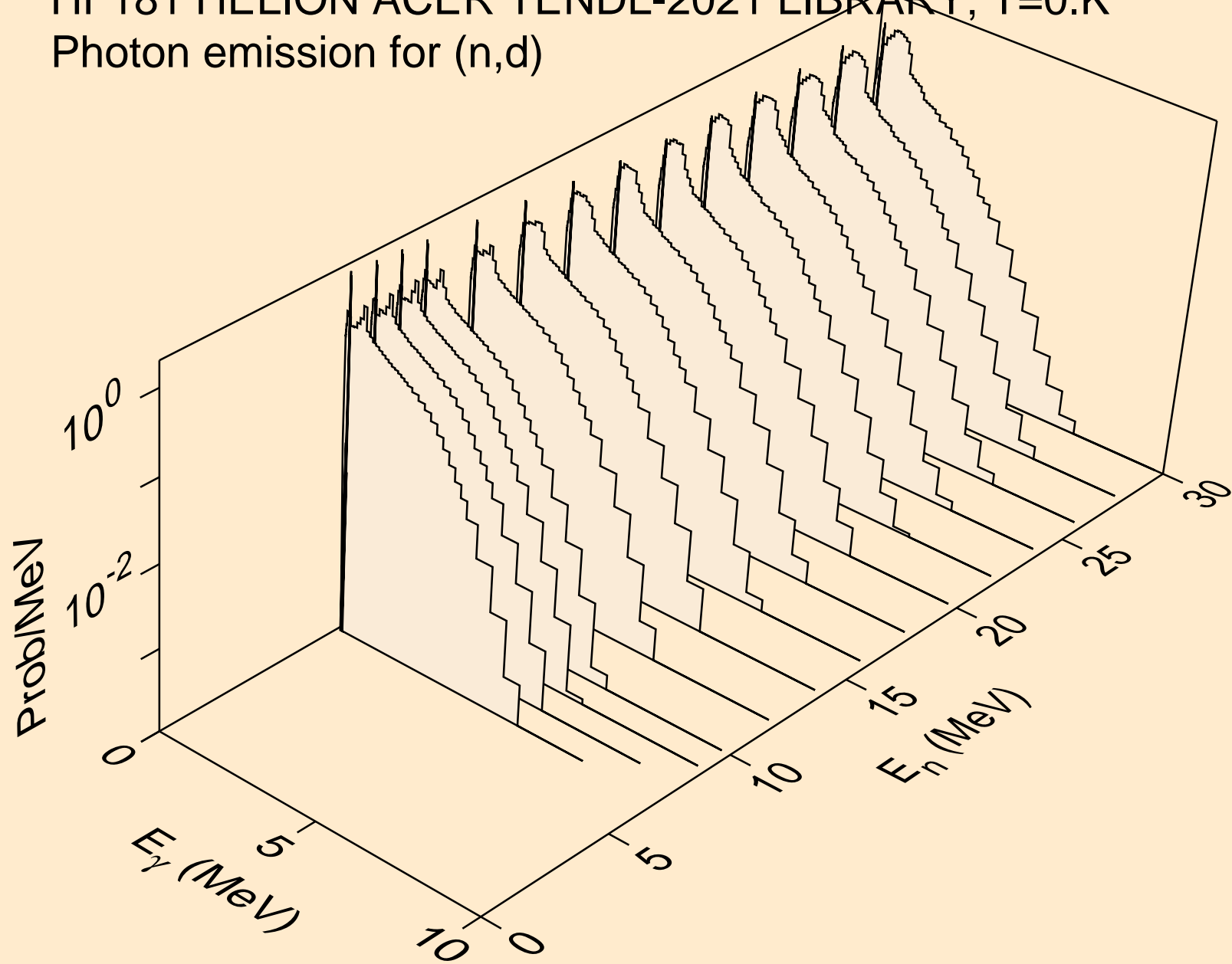
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Photon emission for (n,gma)



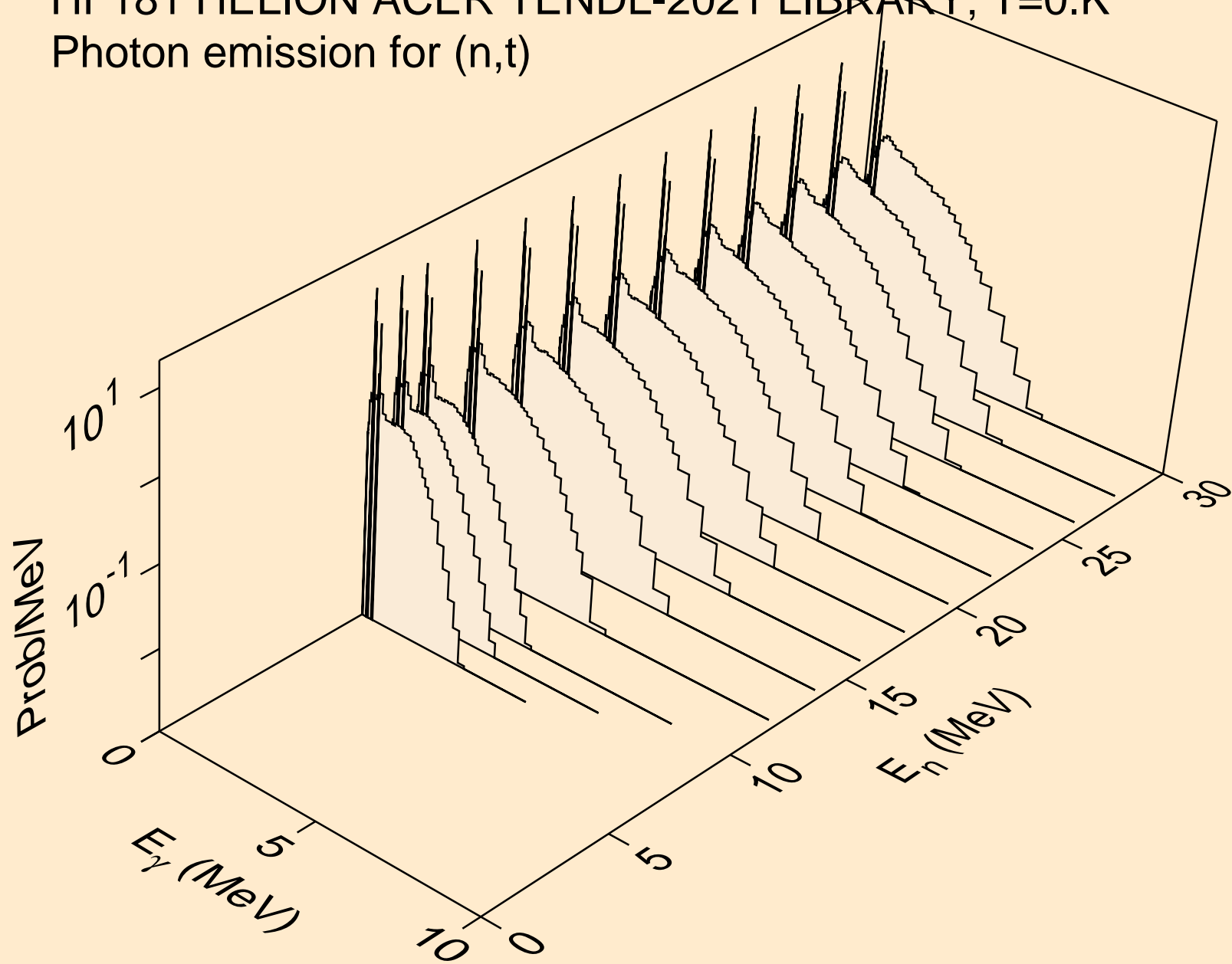
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



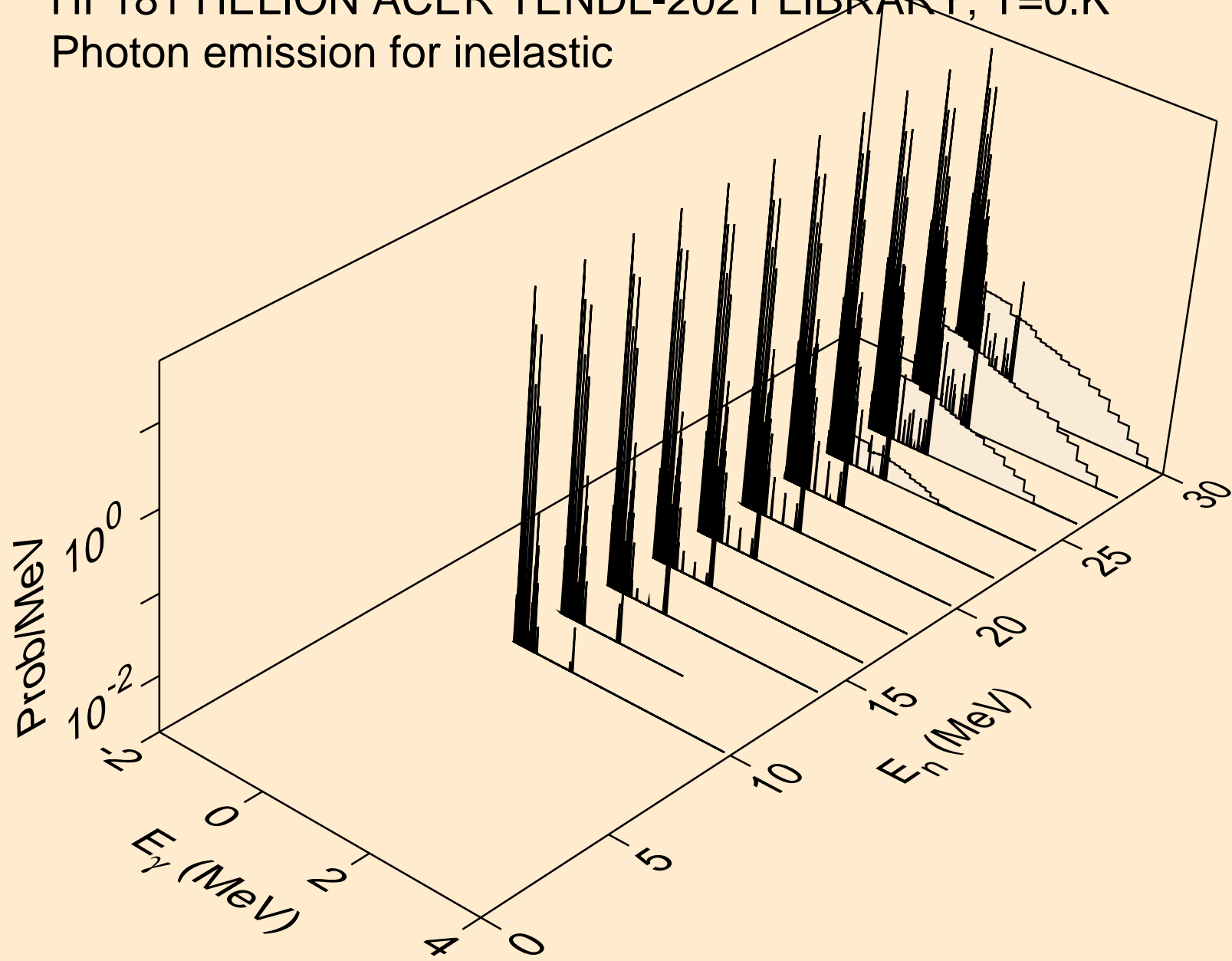
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

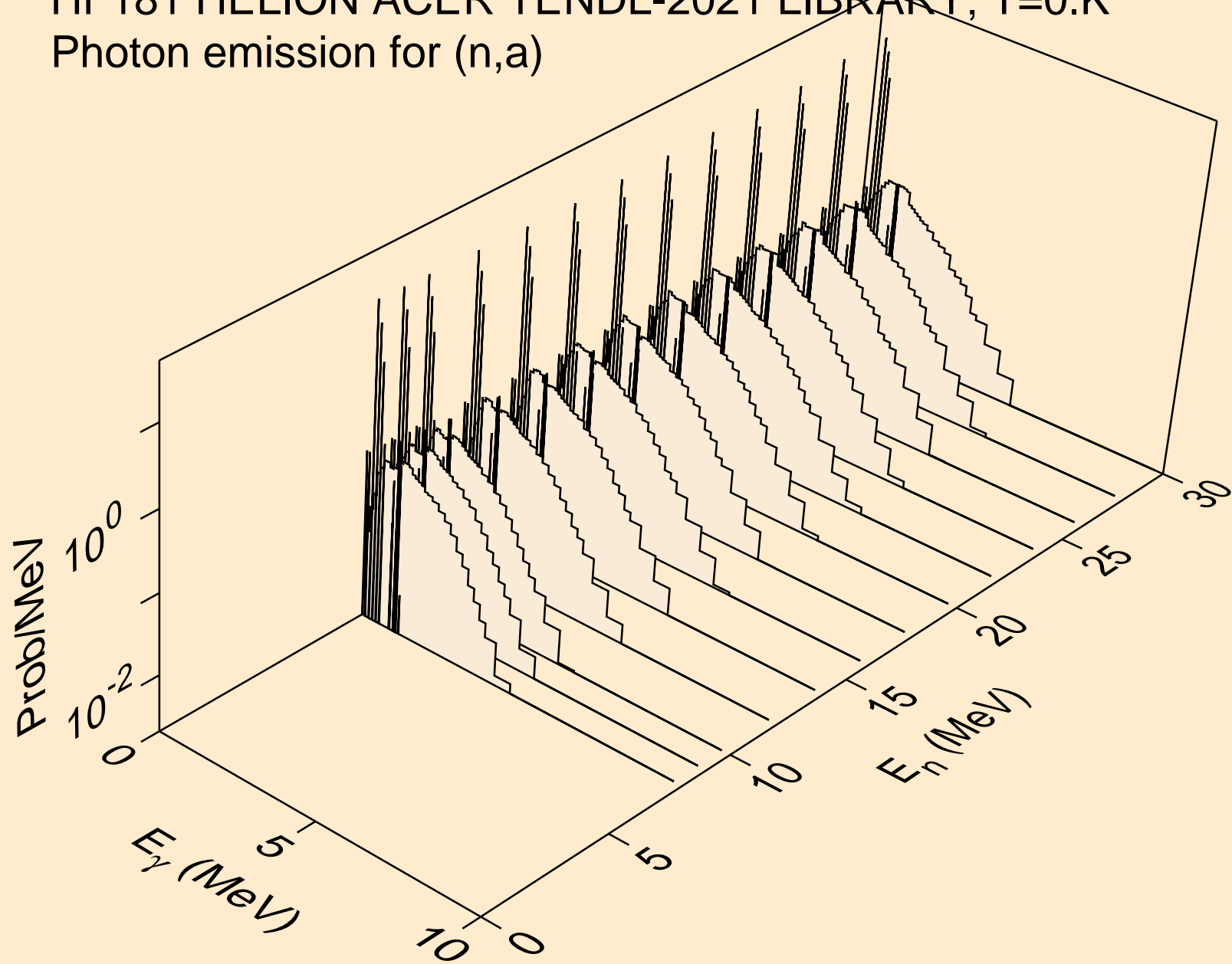


HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

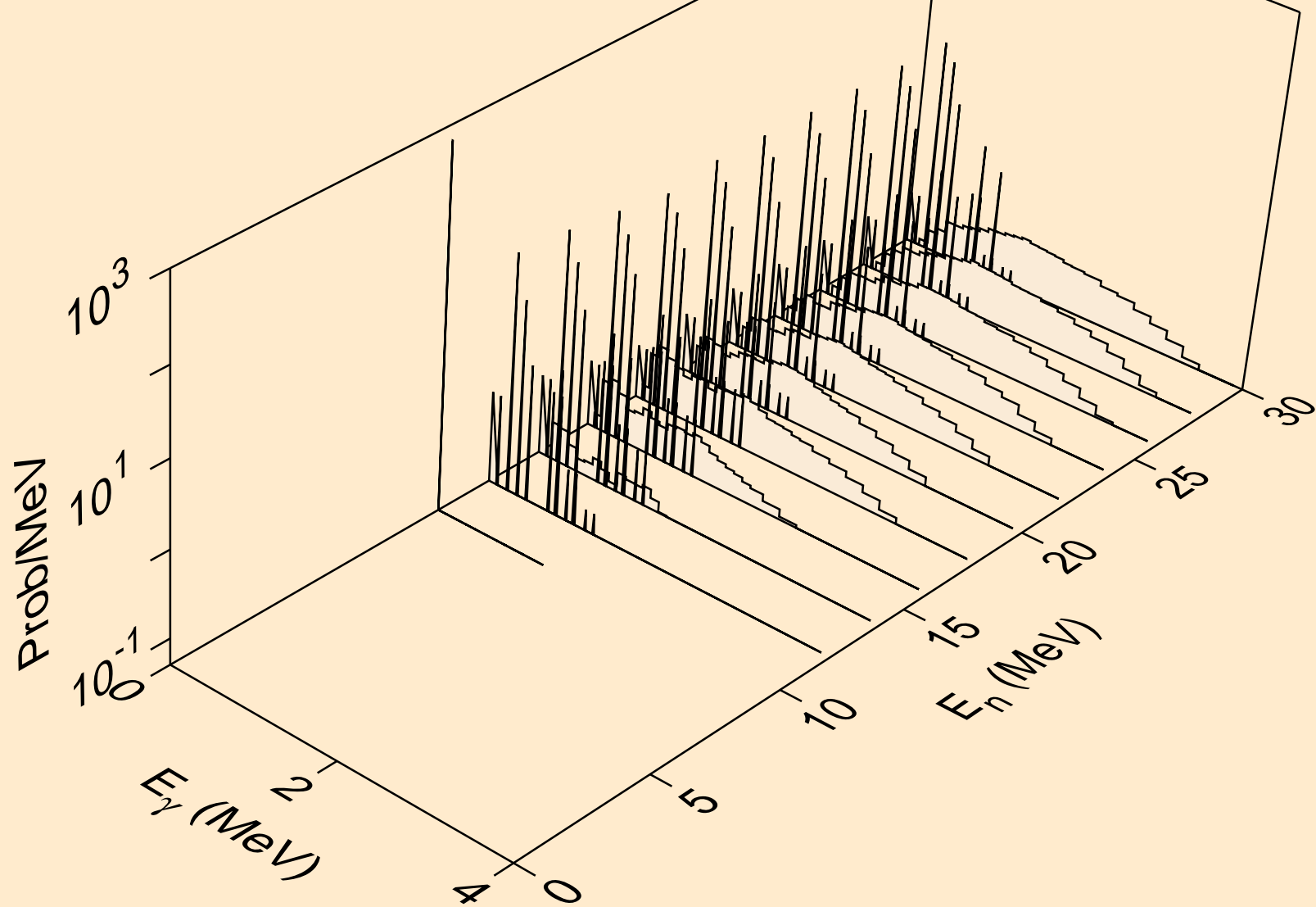




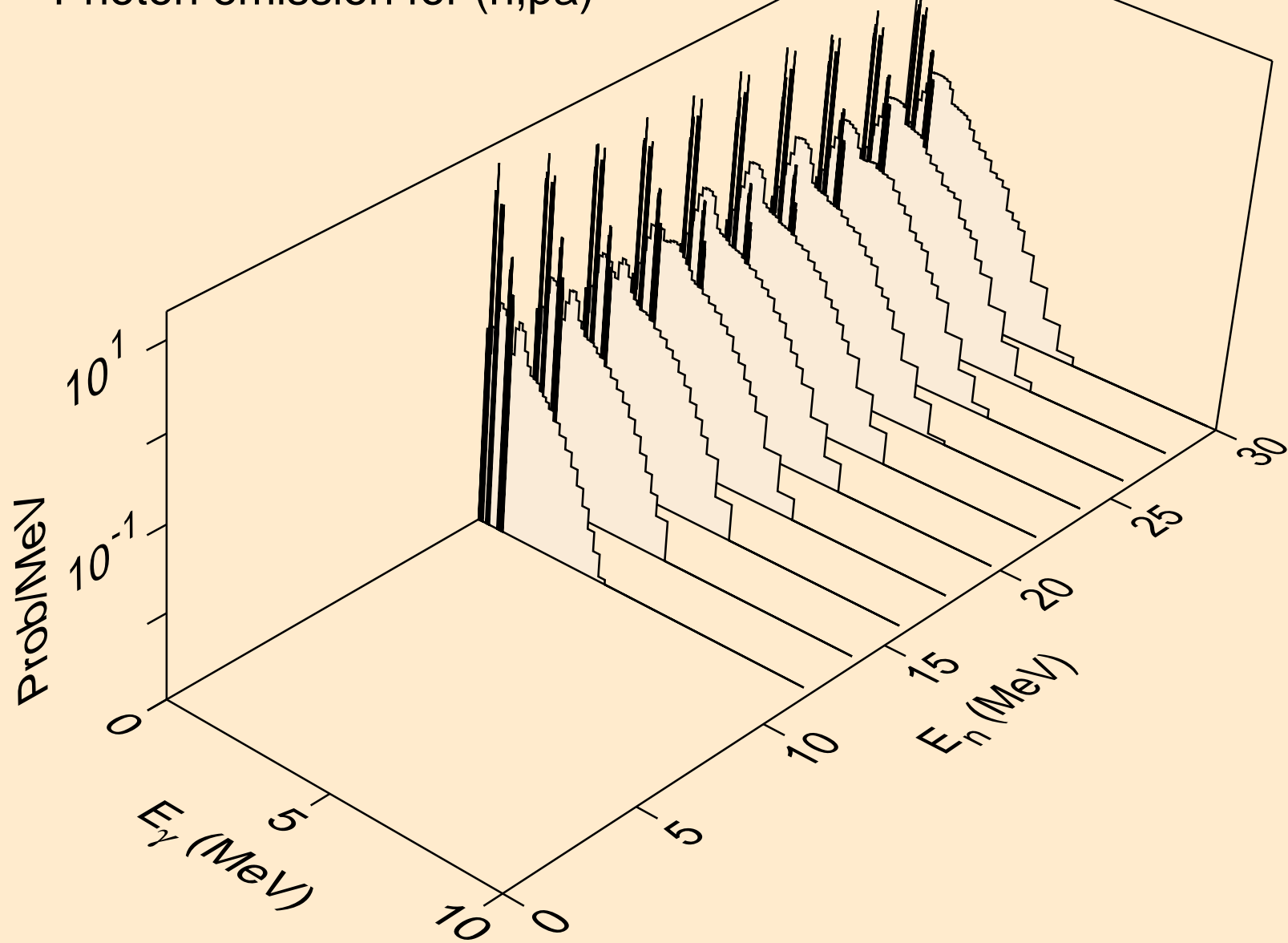
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Photon emission for (n,a)



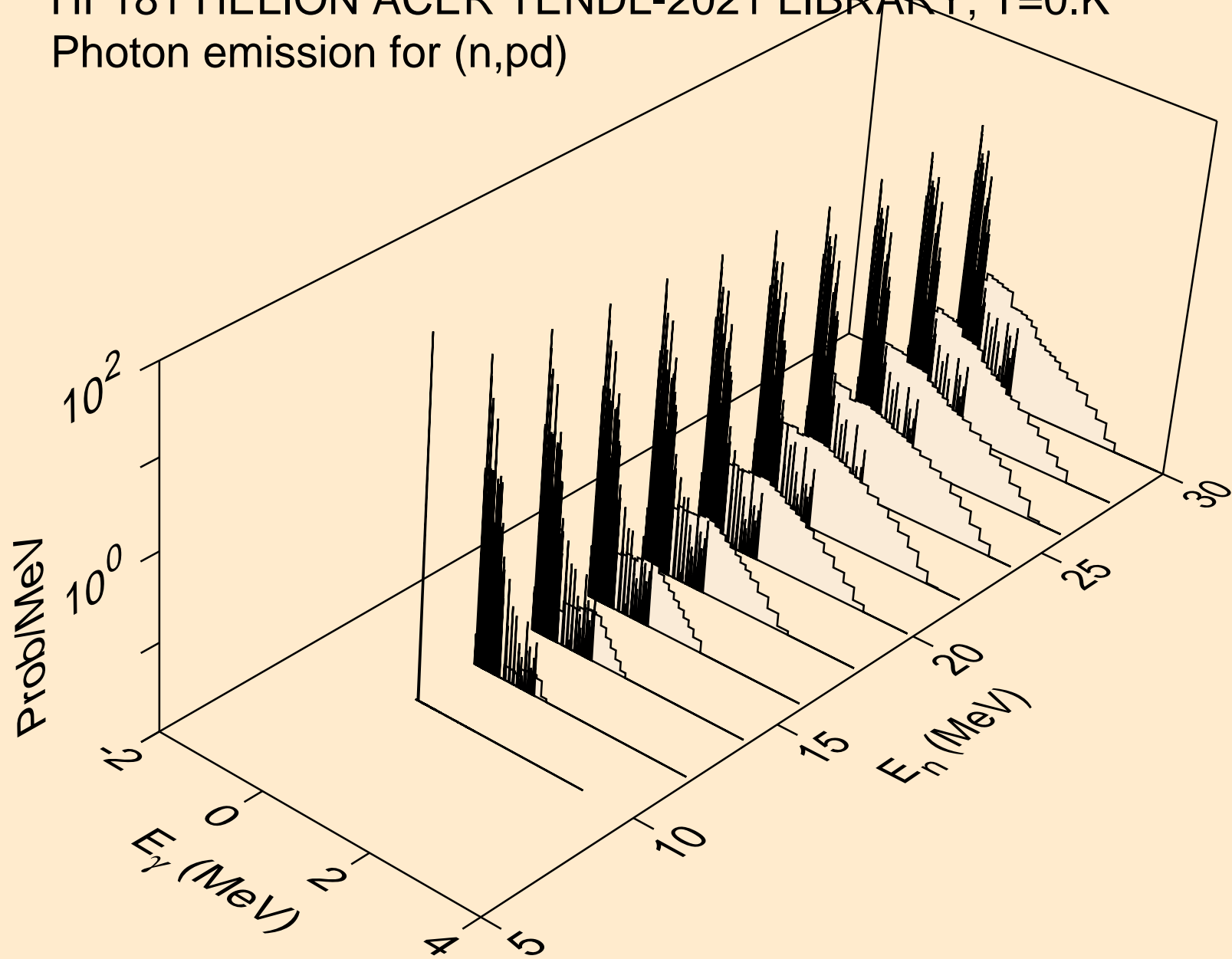
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



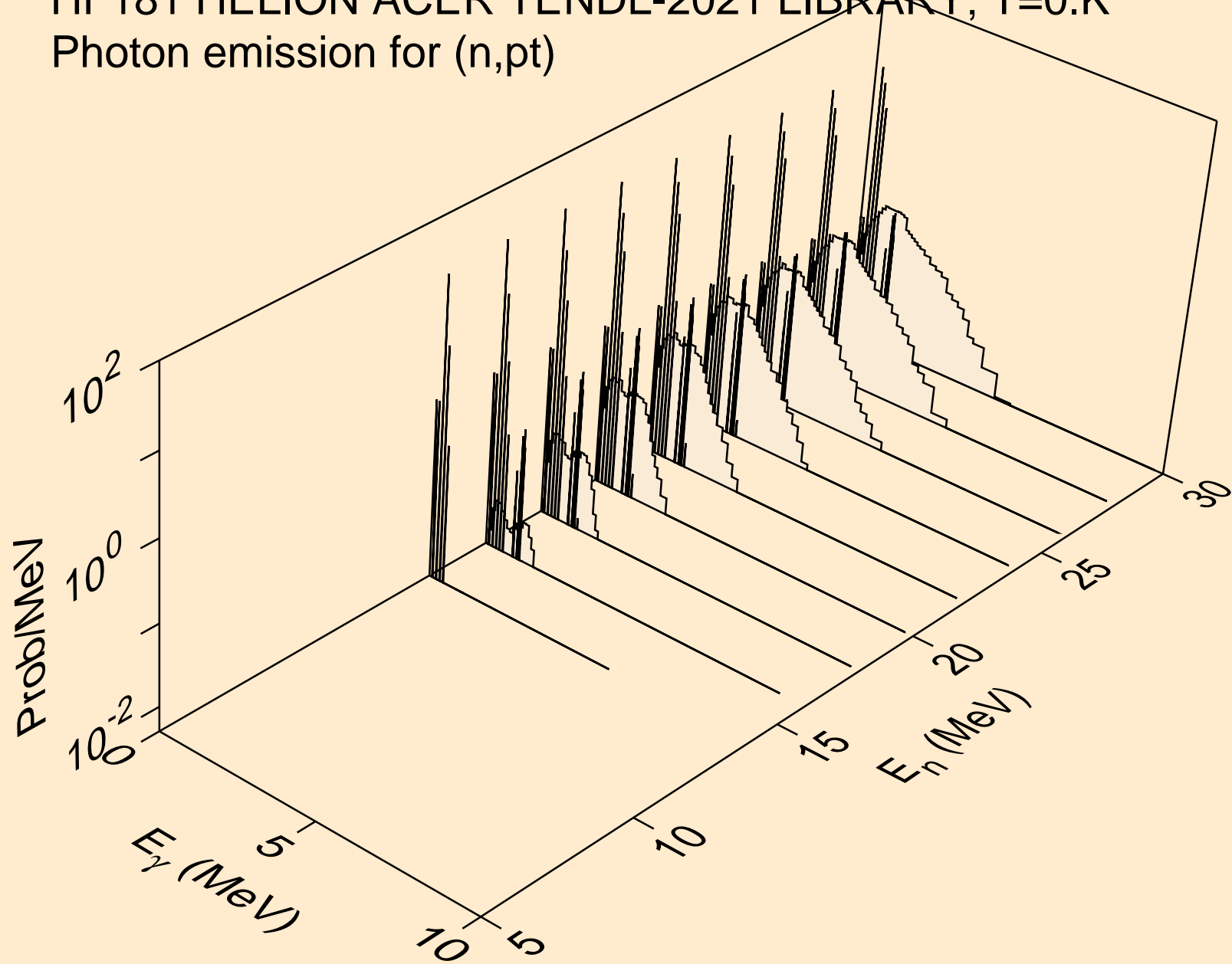
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Photon emission for (n,pa)



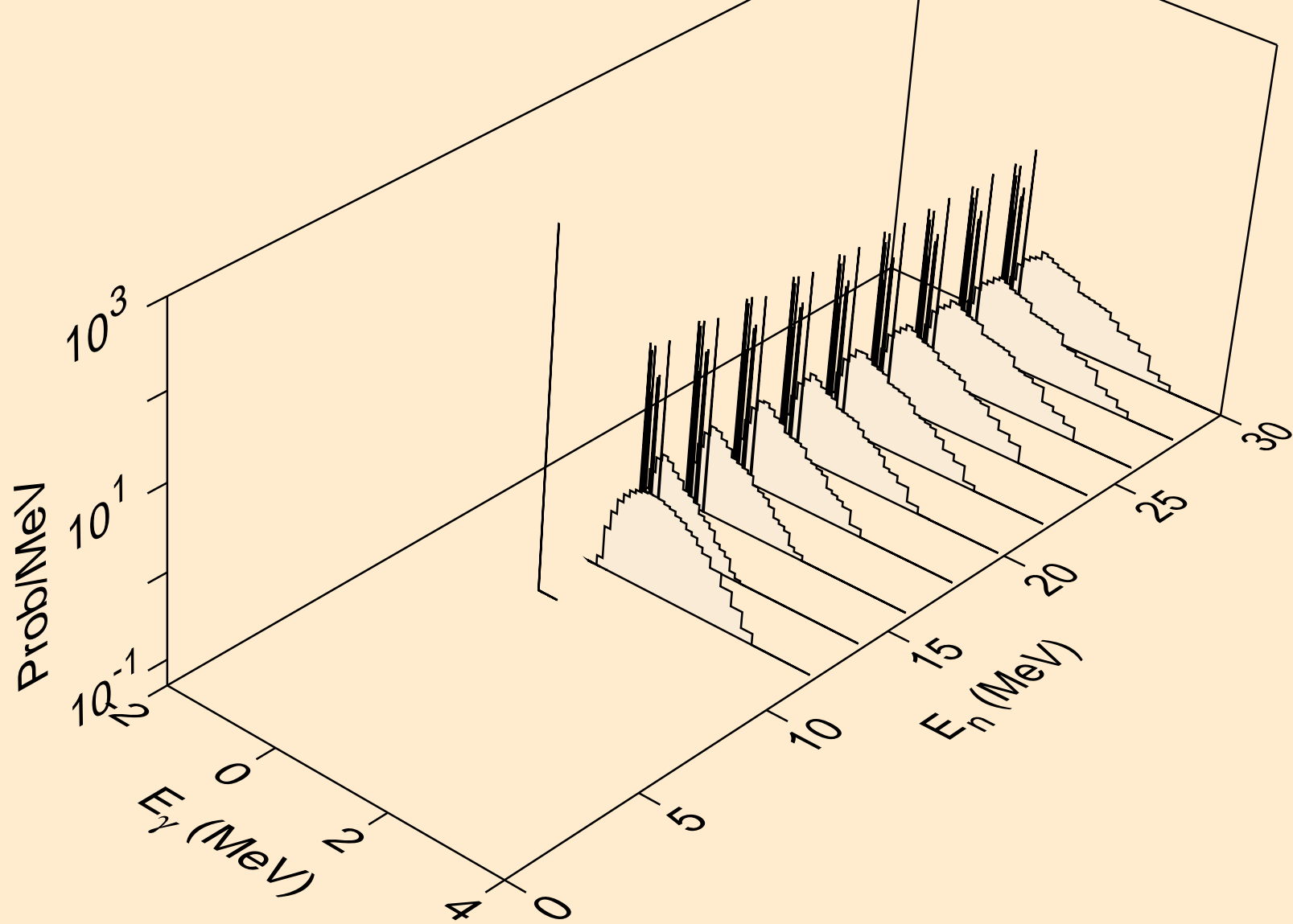
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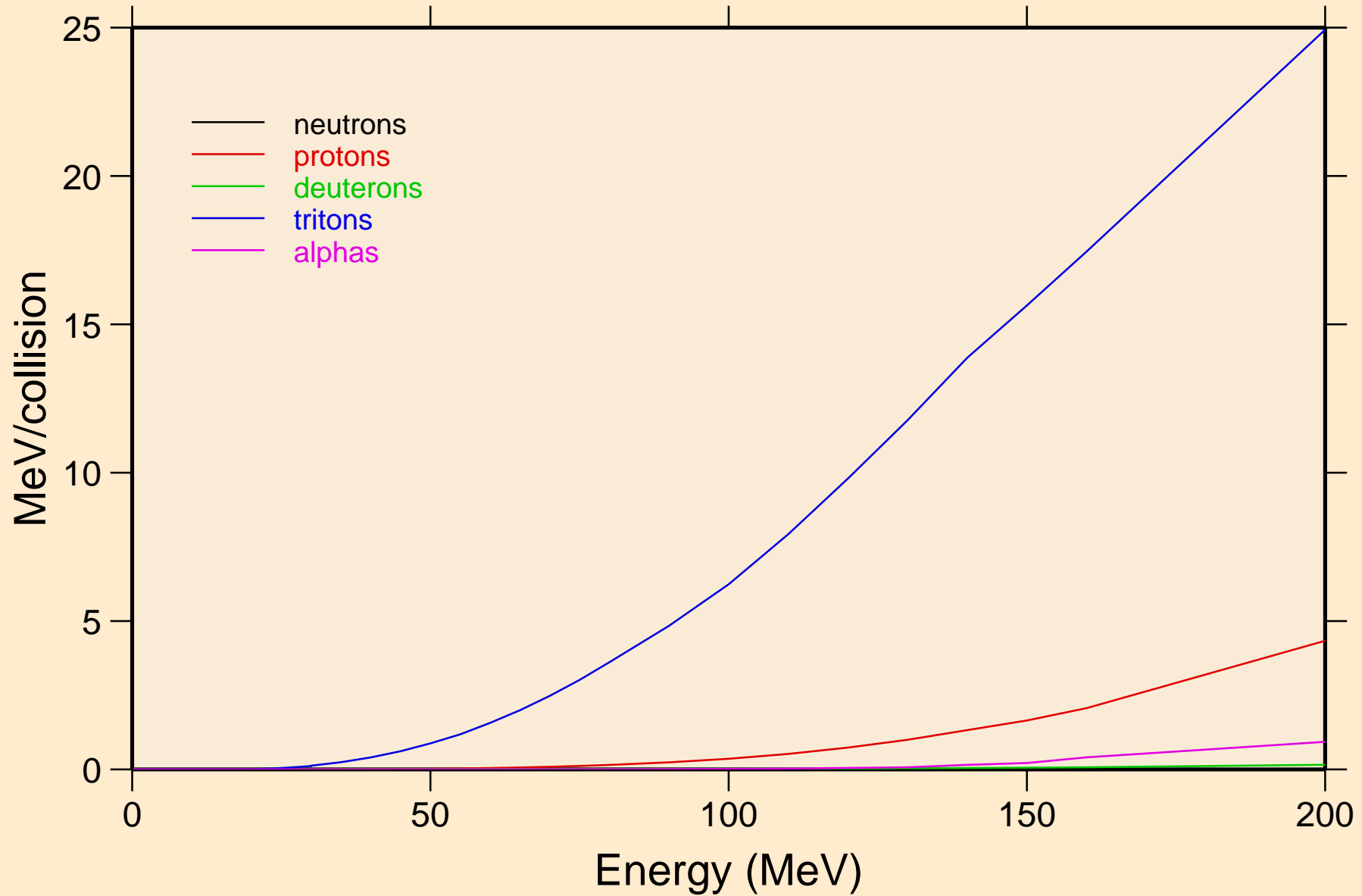
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Photon emission for (n,pt)



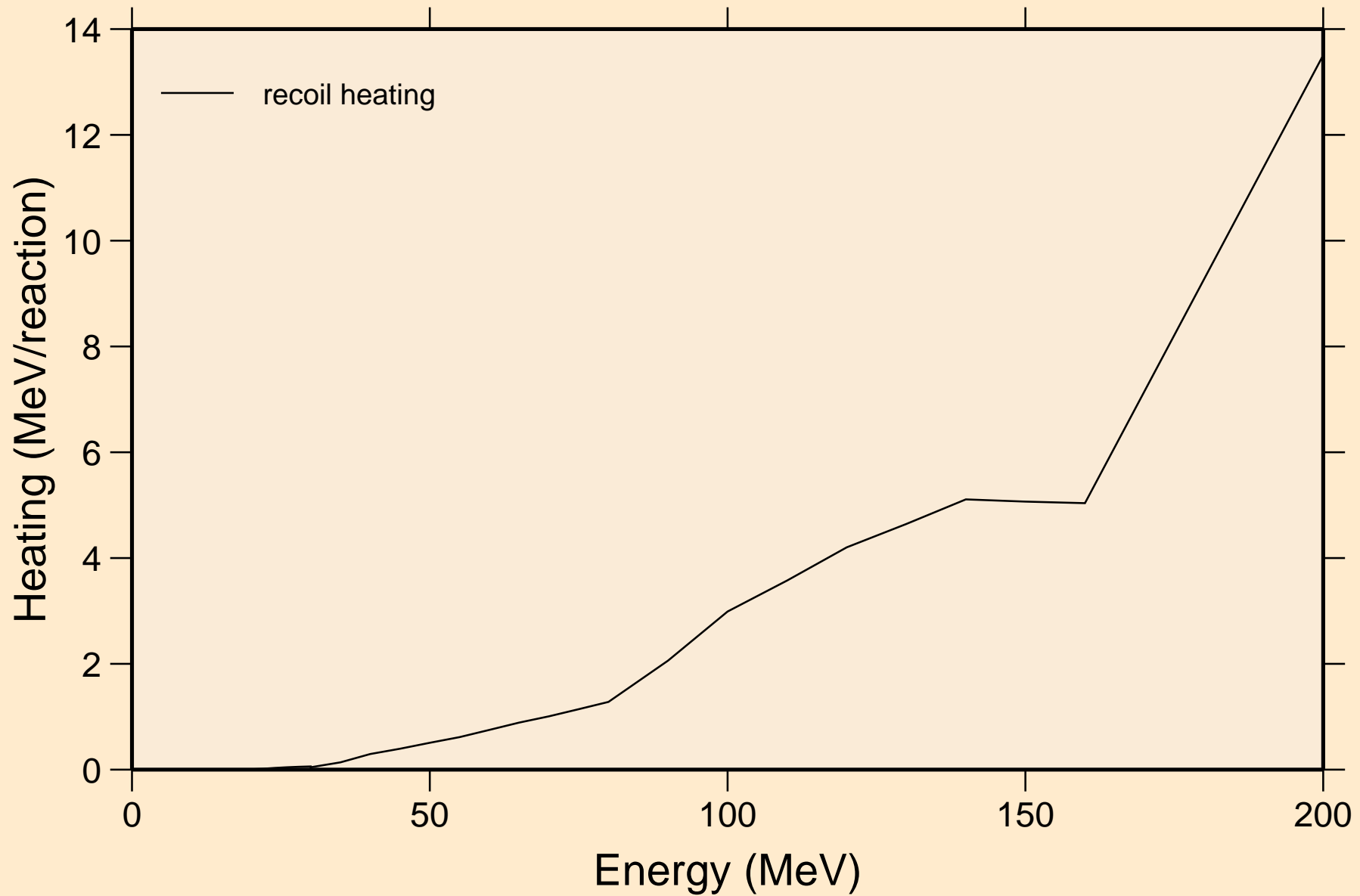
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

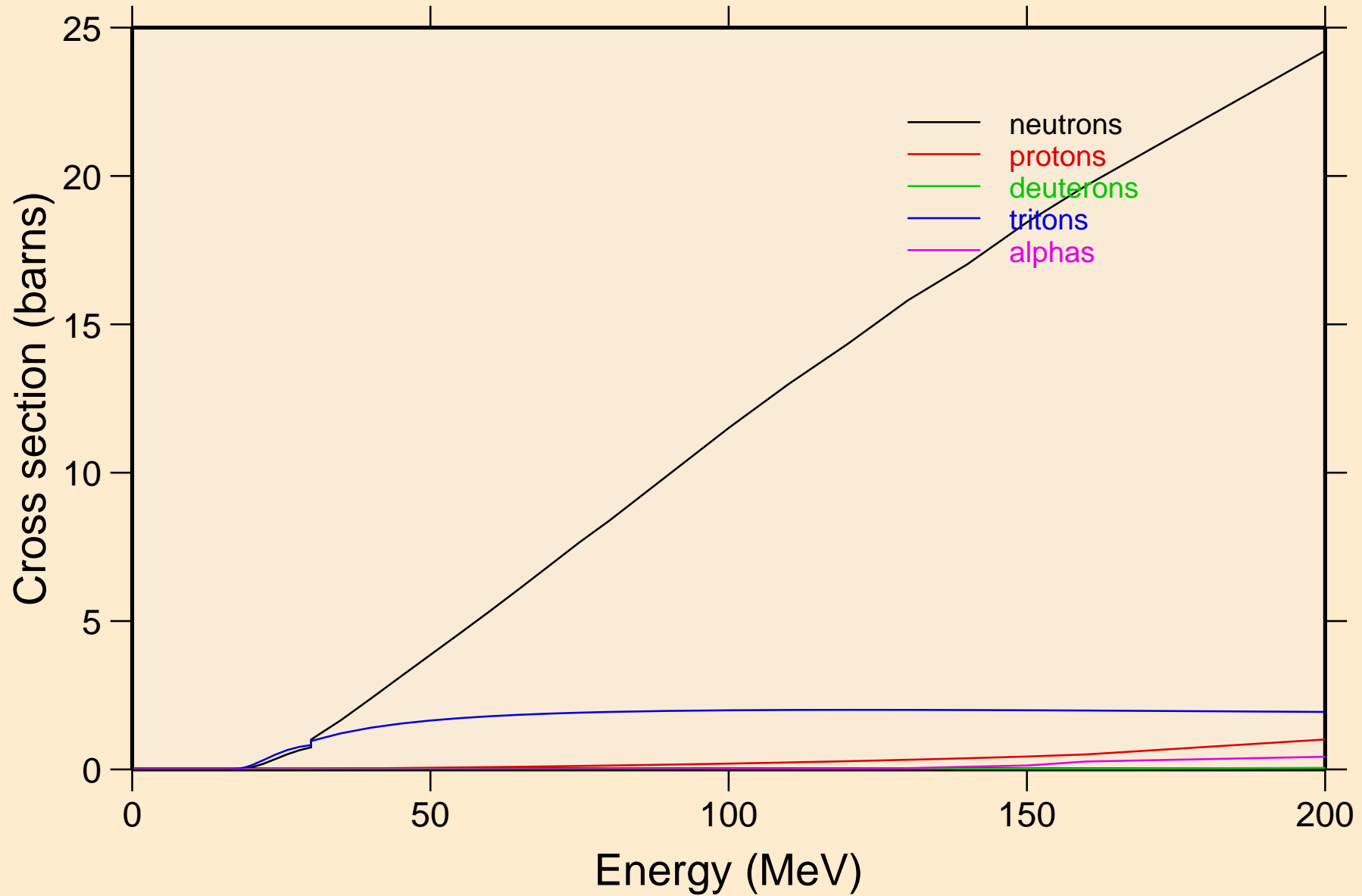


HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

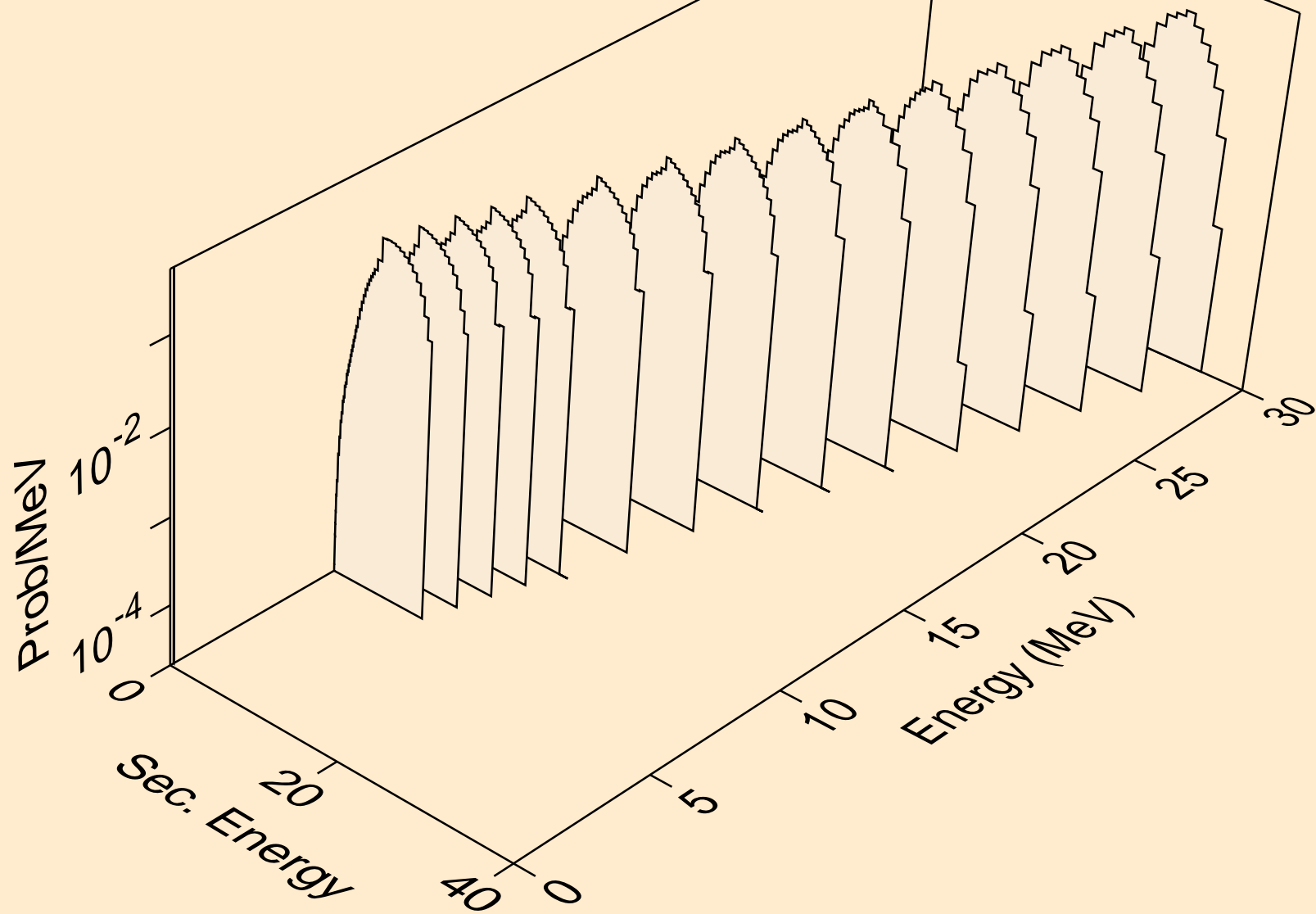




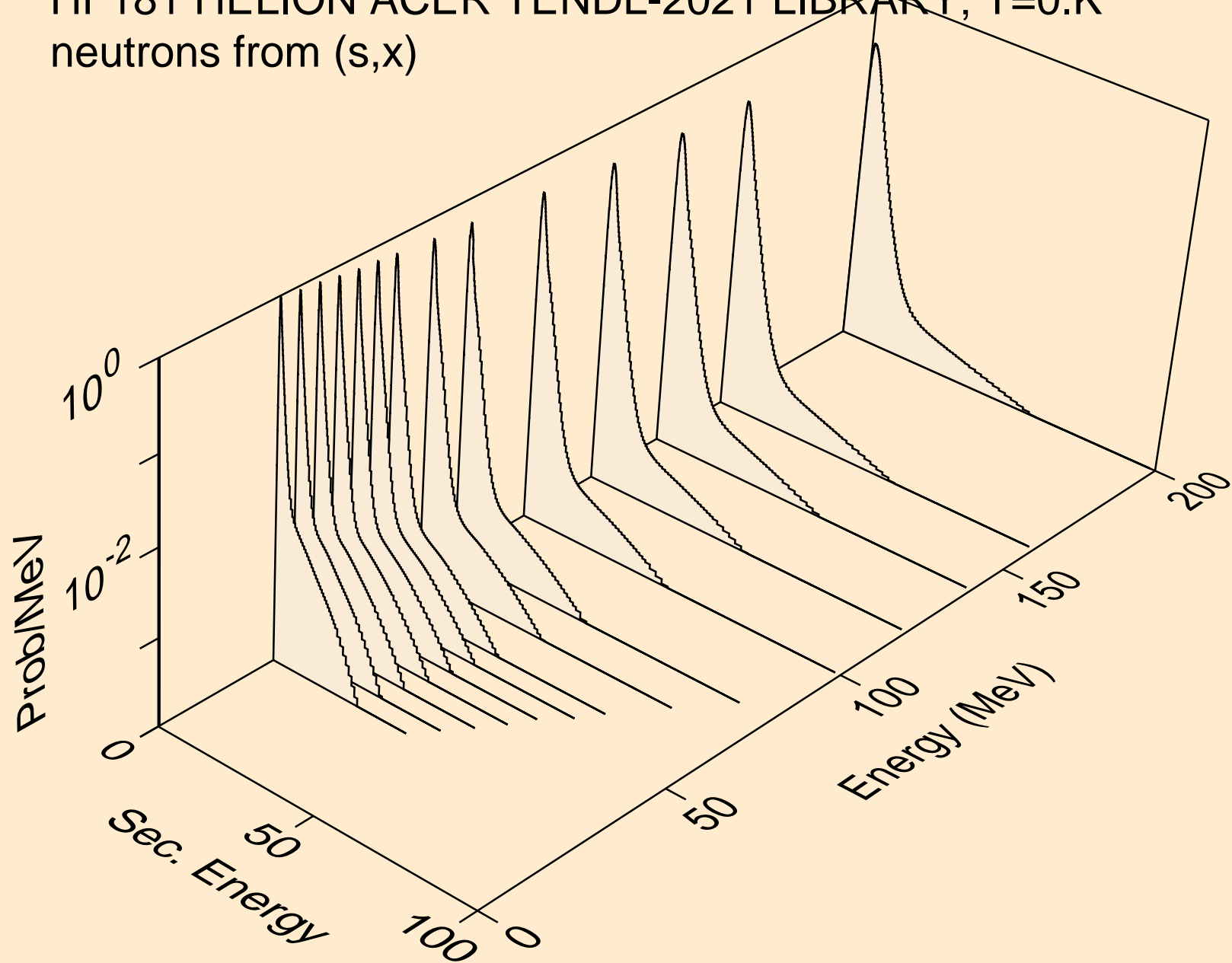
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



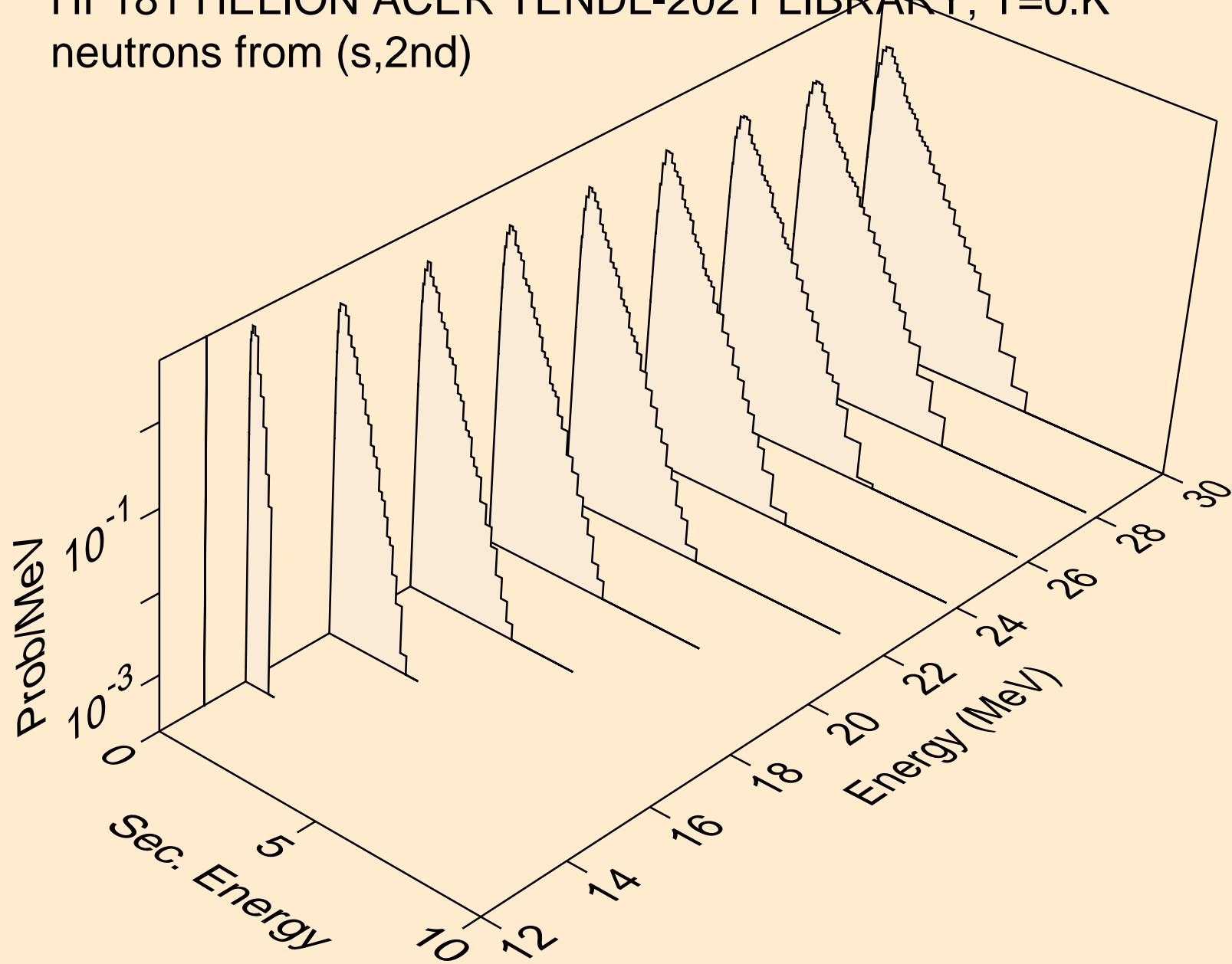
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



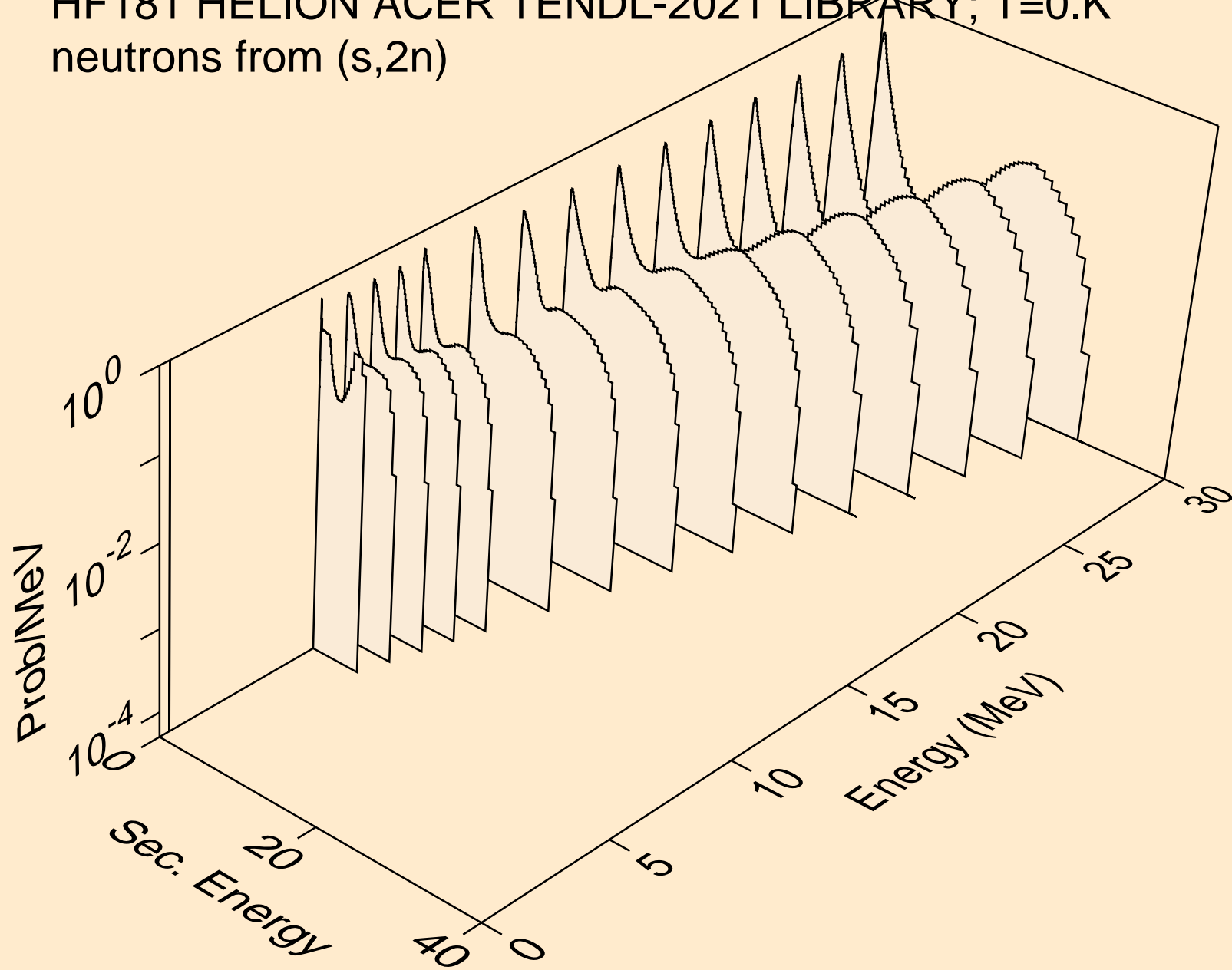
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neutrons from (s,x)



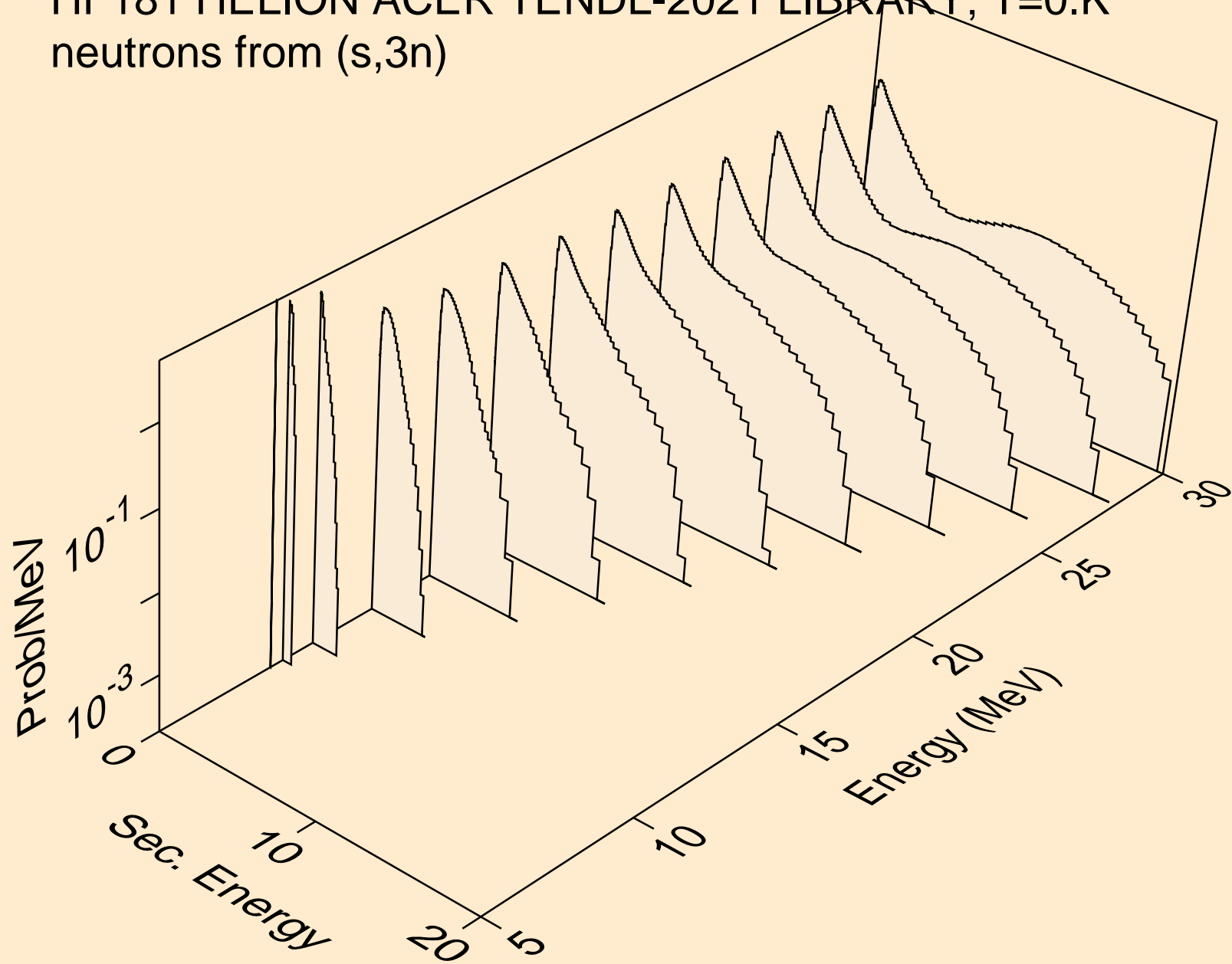
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neutrons from (s,2nd)



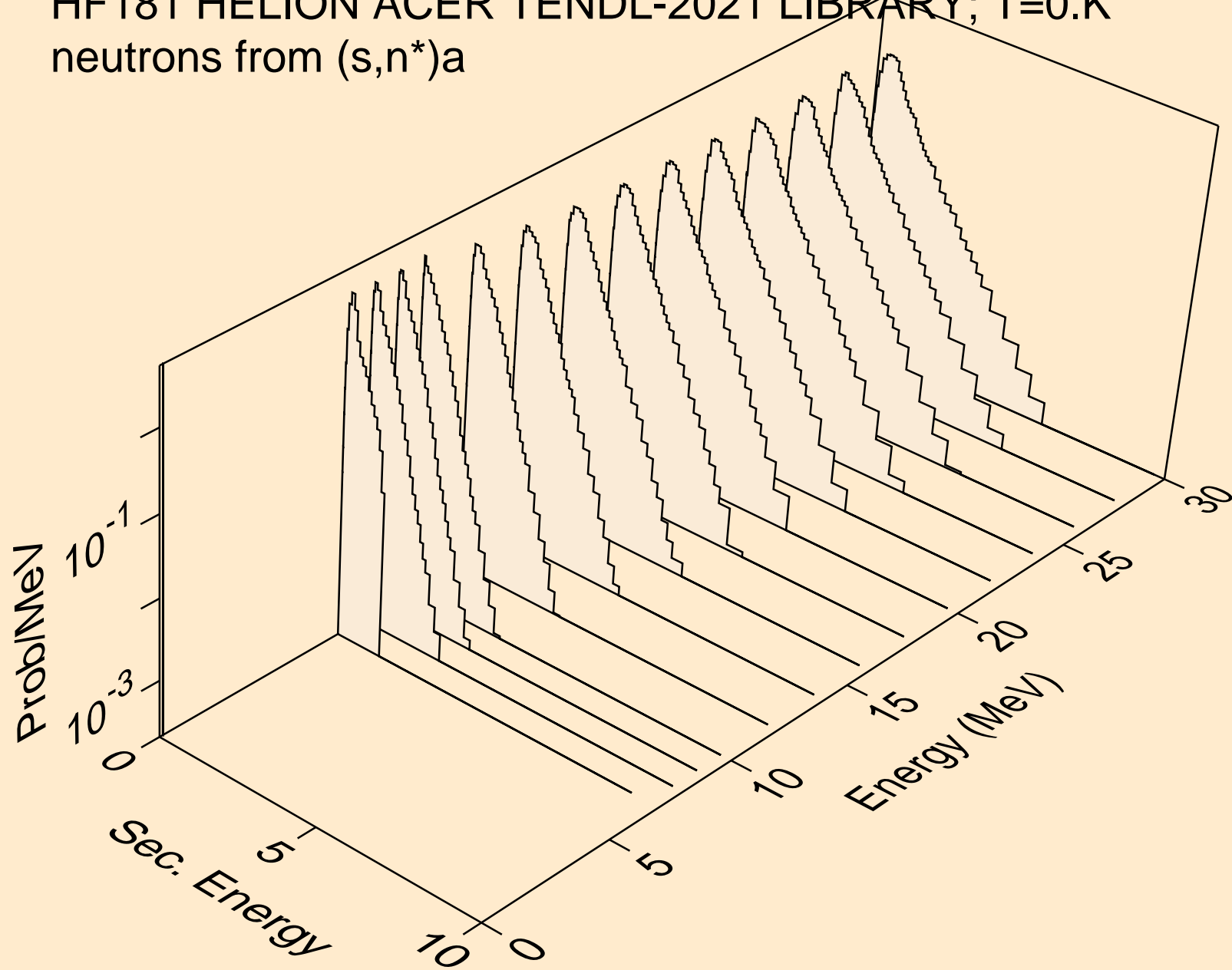
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neutrons from (s,2n)



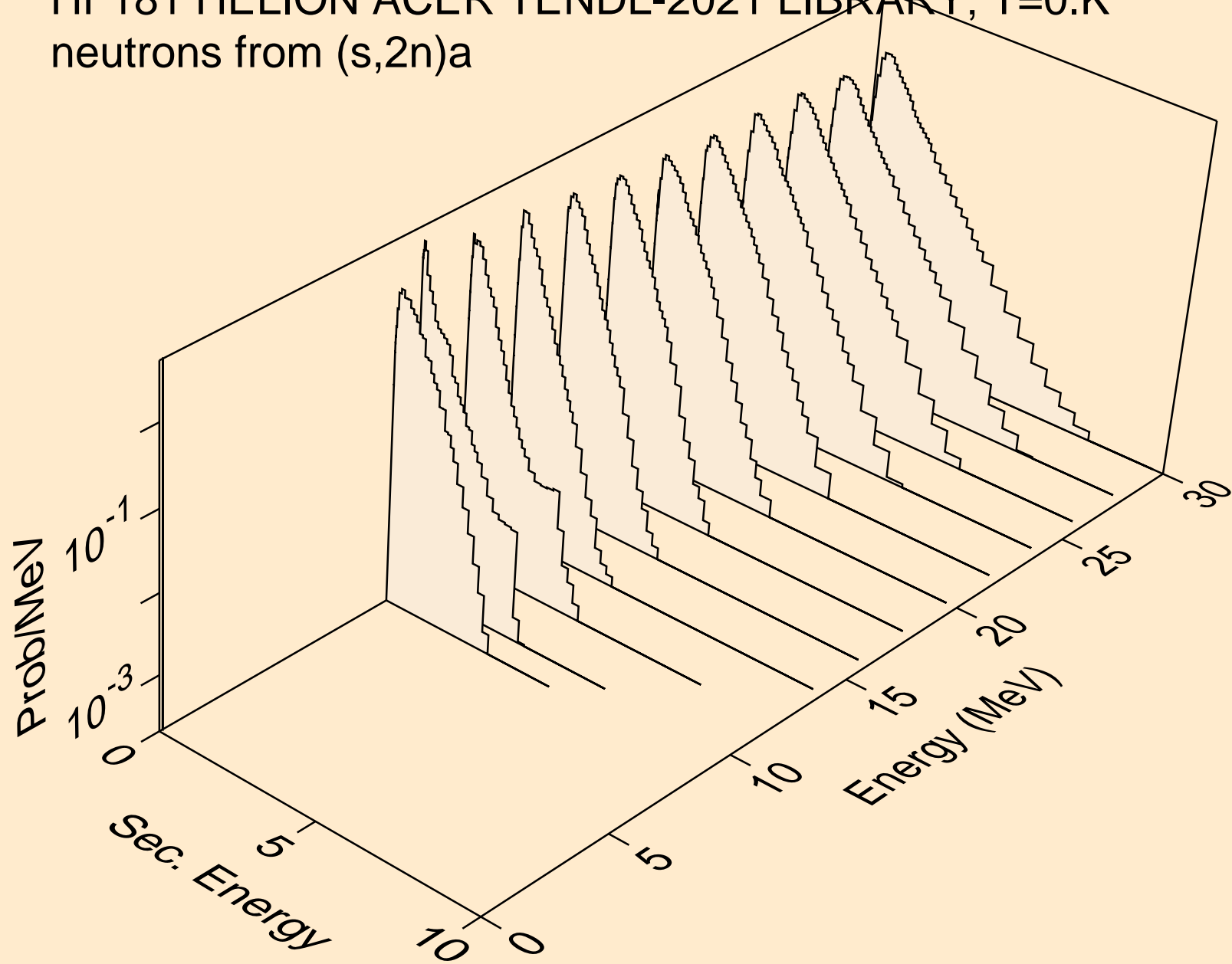
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

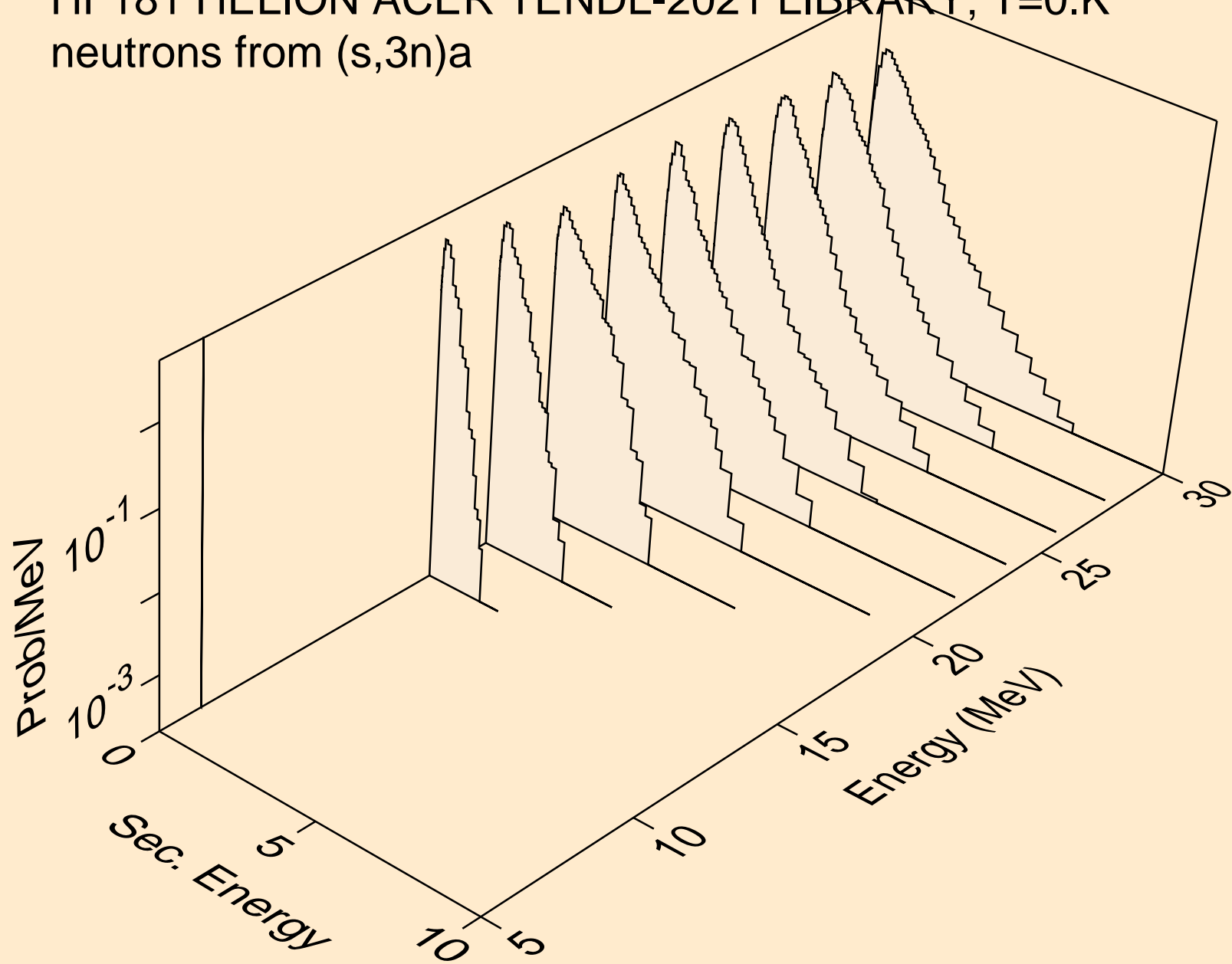


HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a

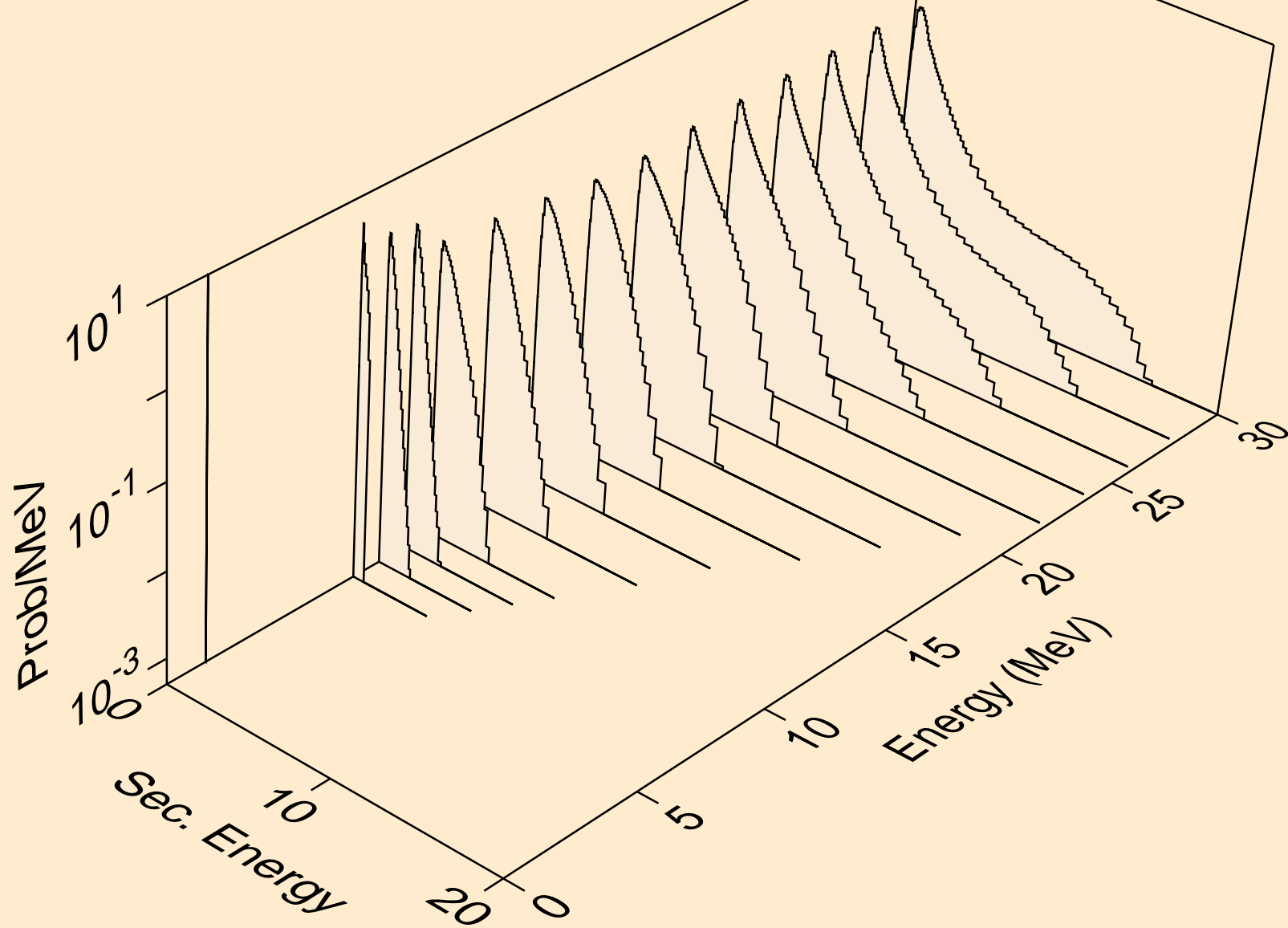




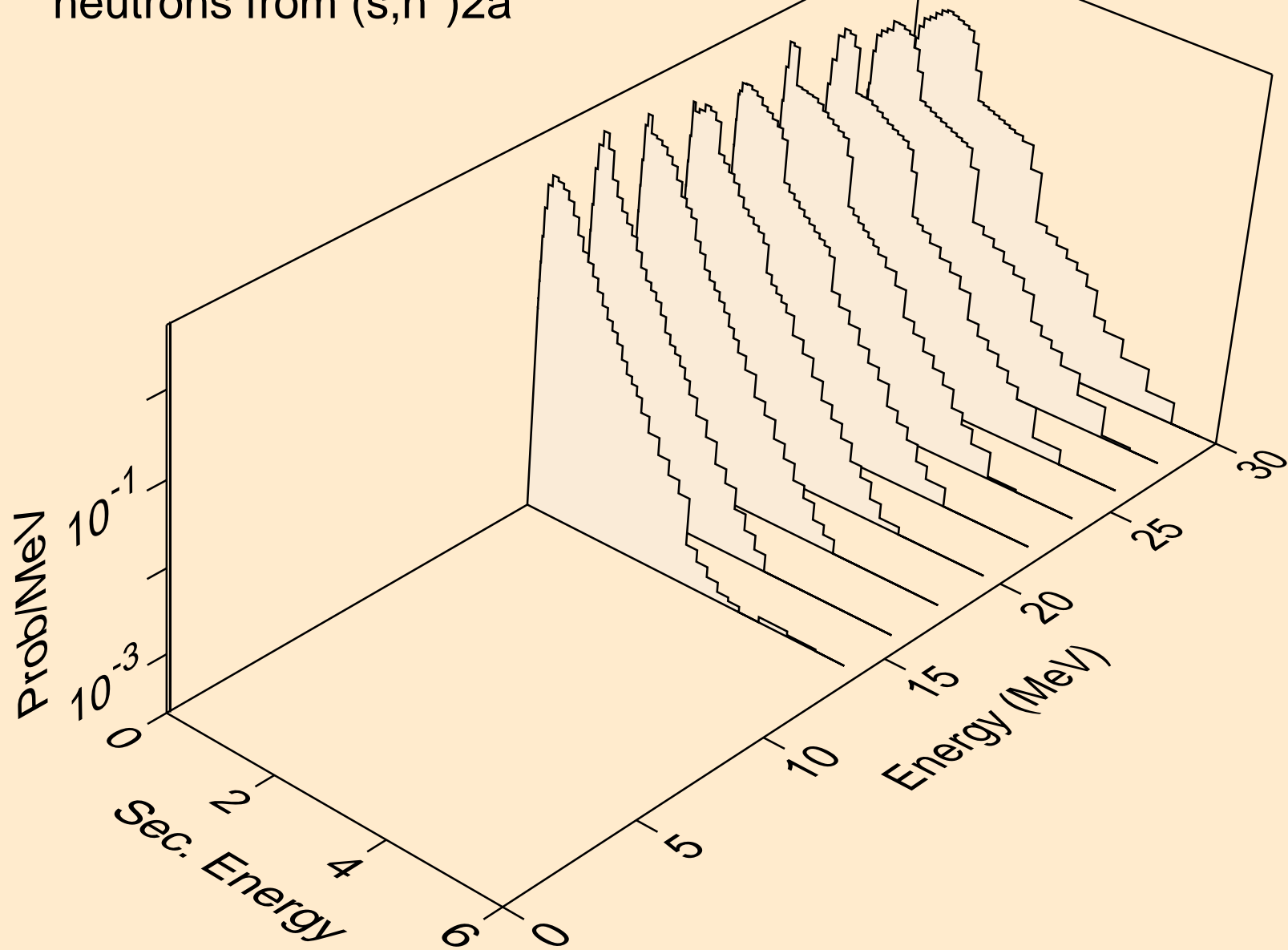
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



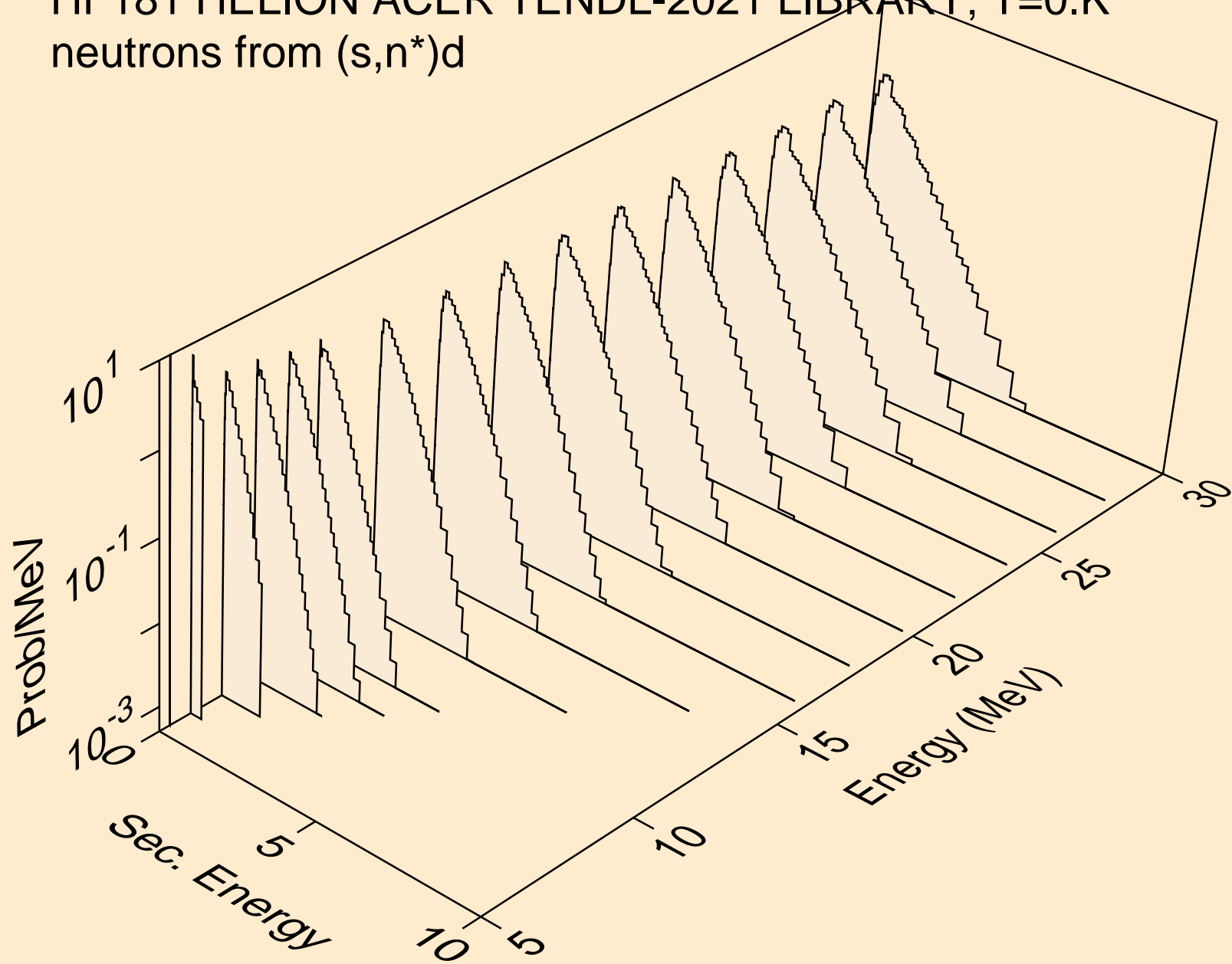
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



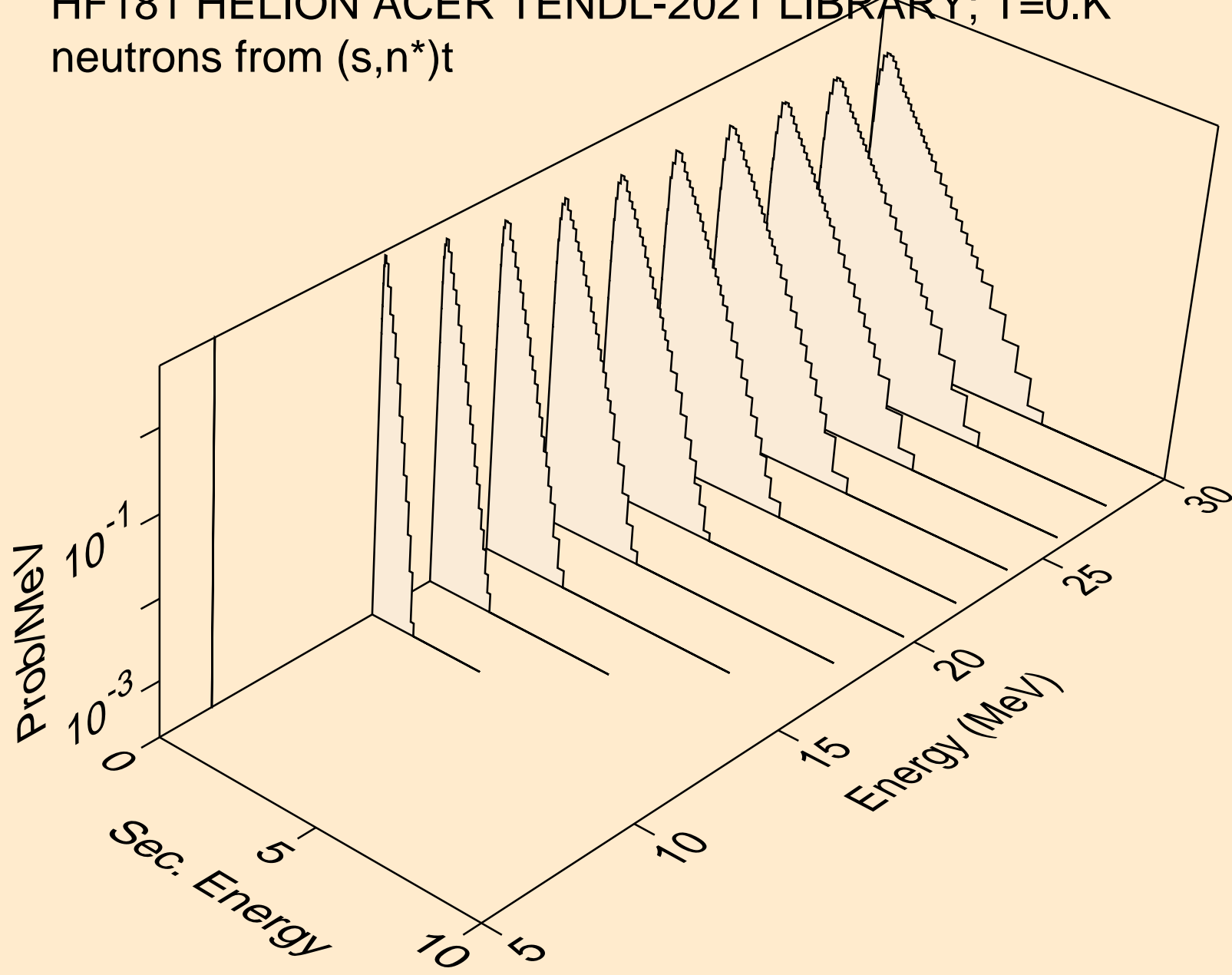
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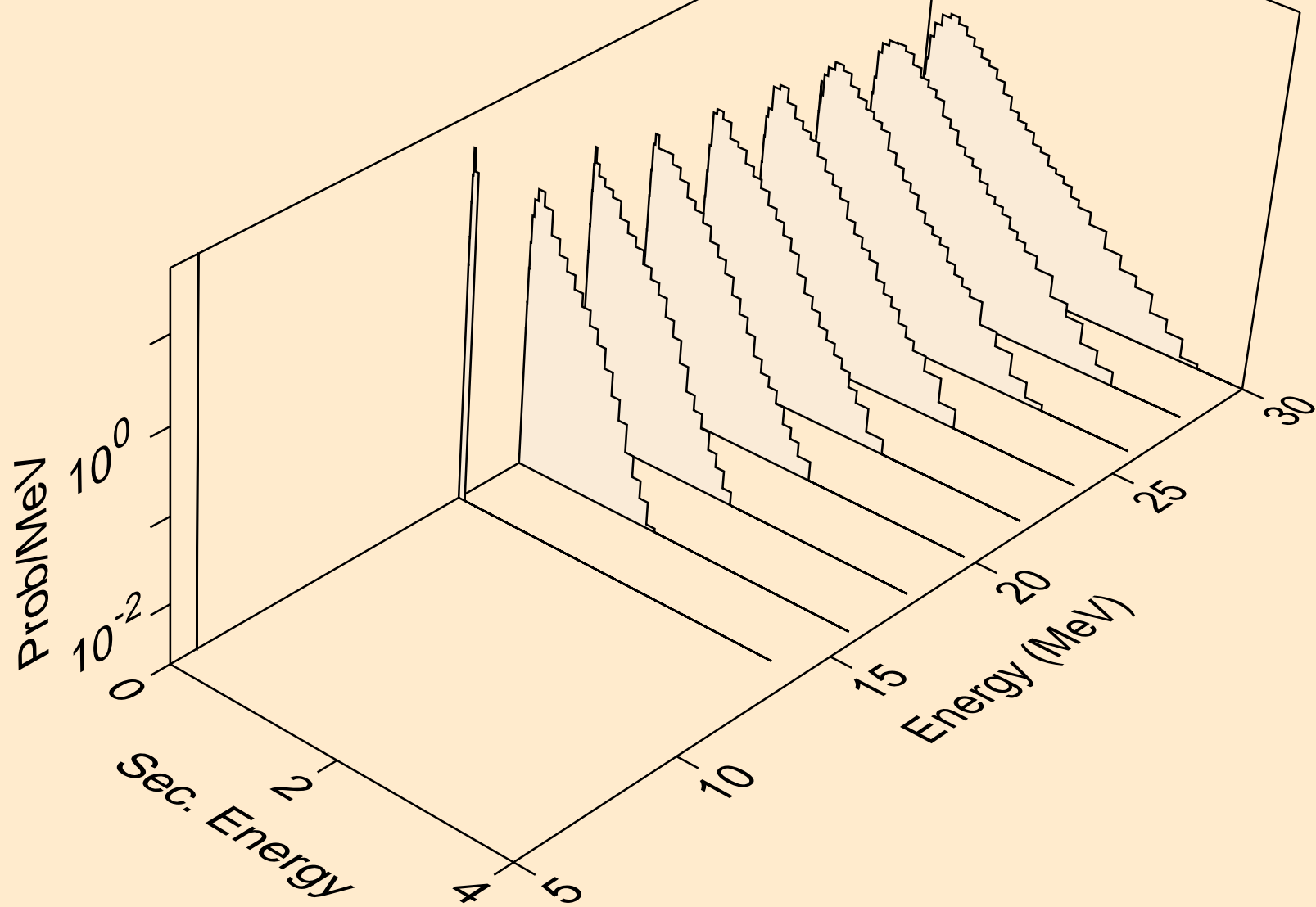
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neutrons from (s,n\*)d



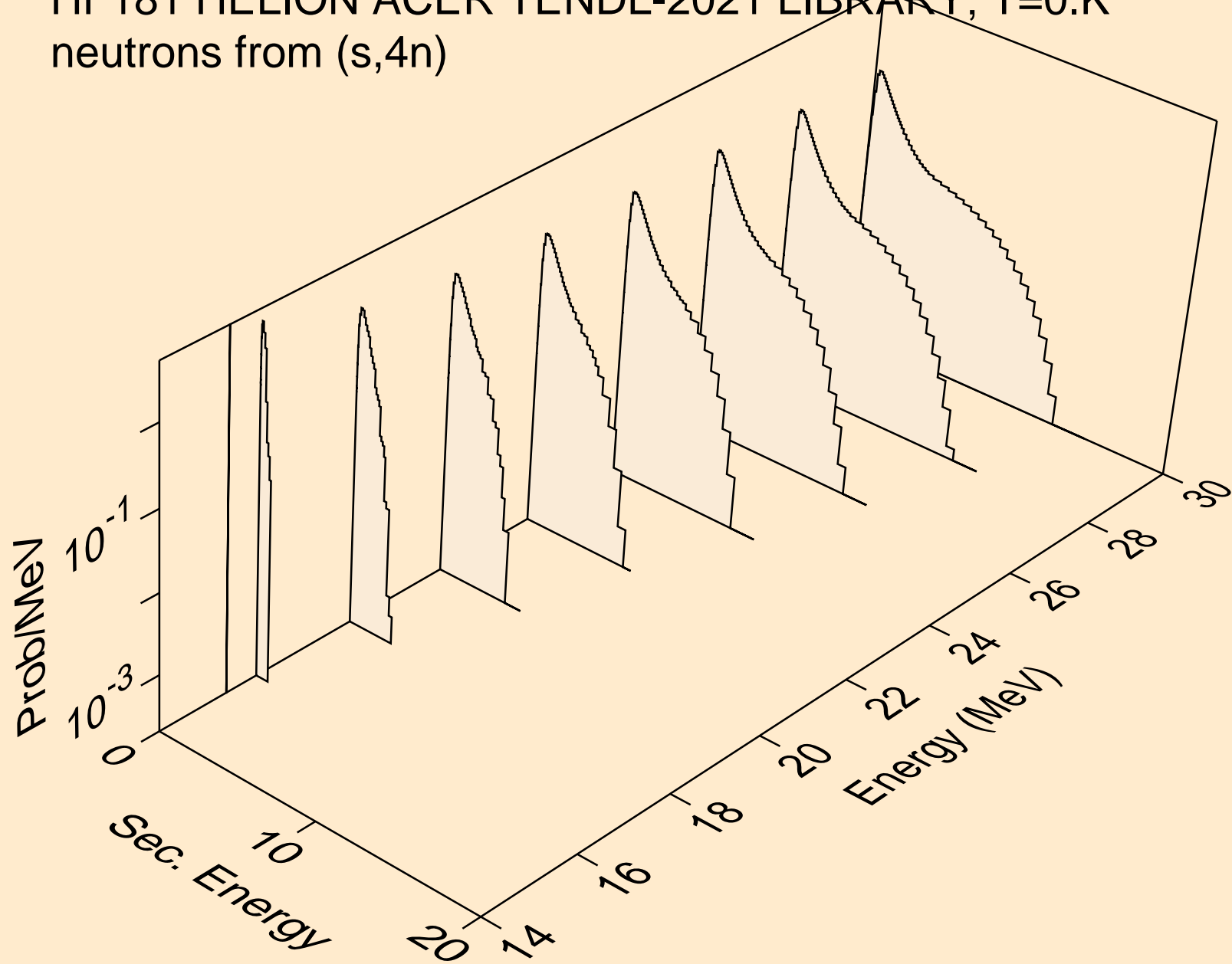
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neutrons from (s,n\*)t



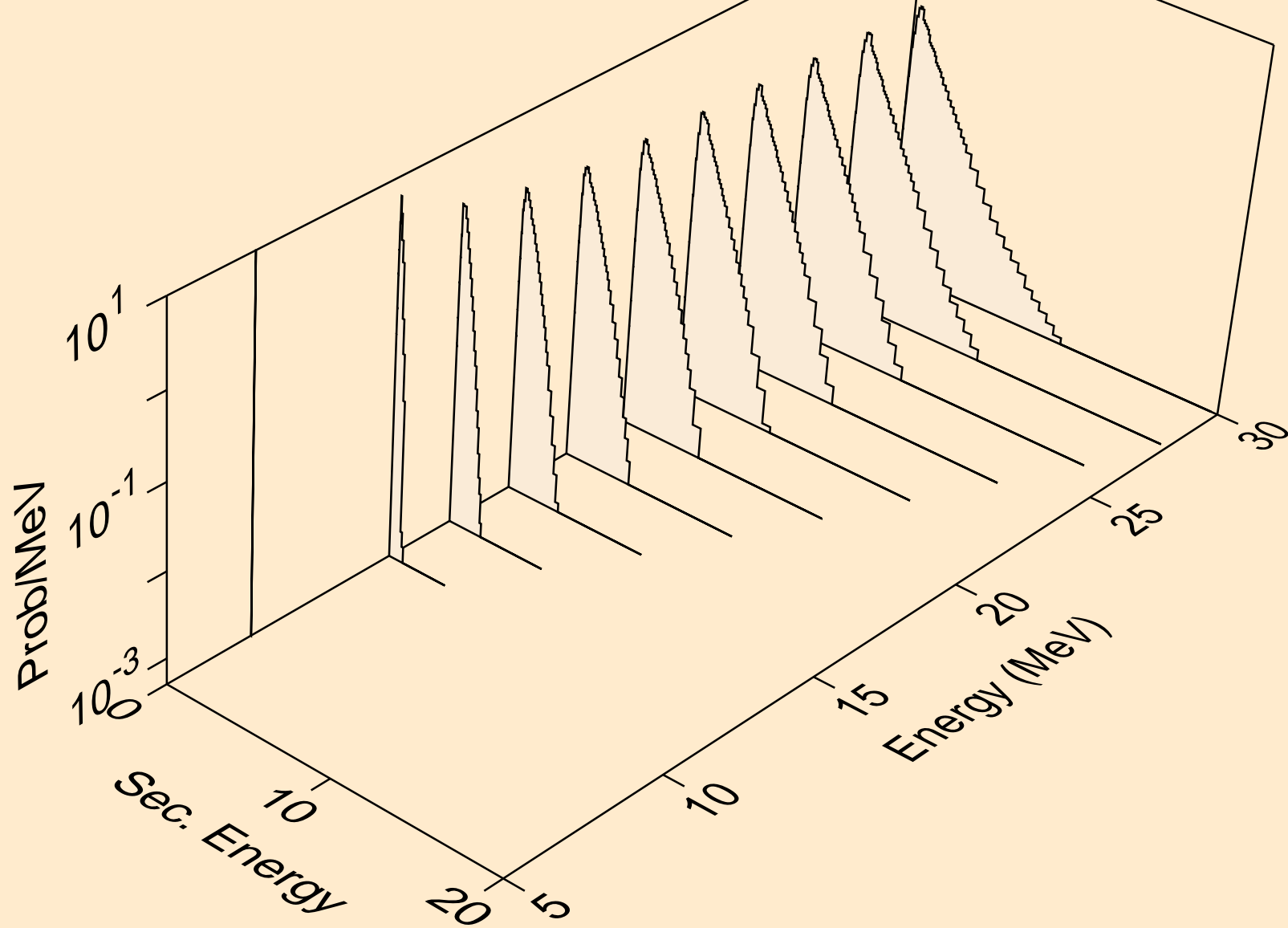
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)

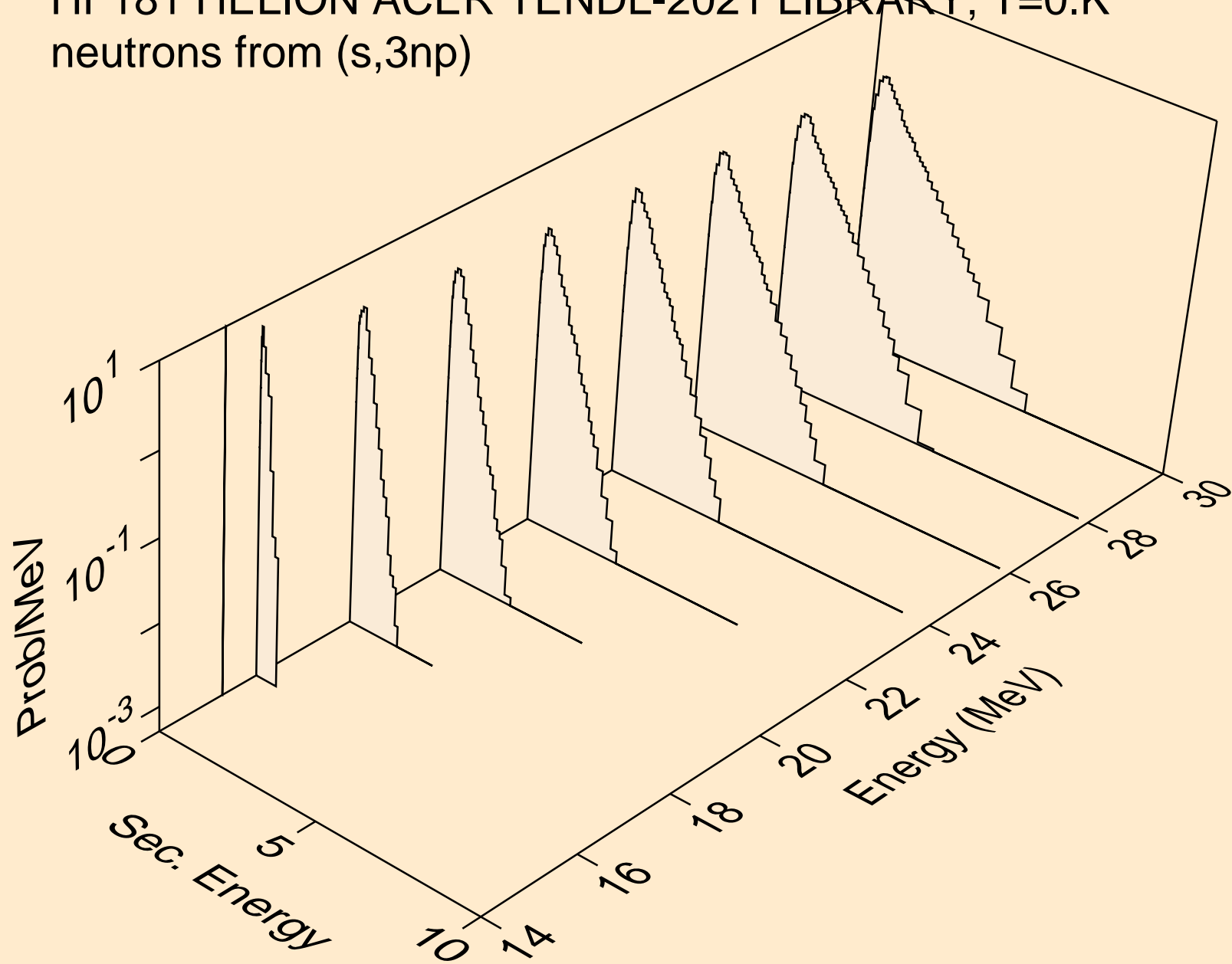


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neutrons from (s,2np)

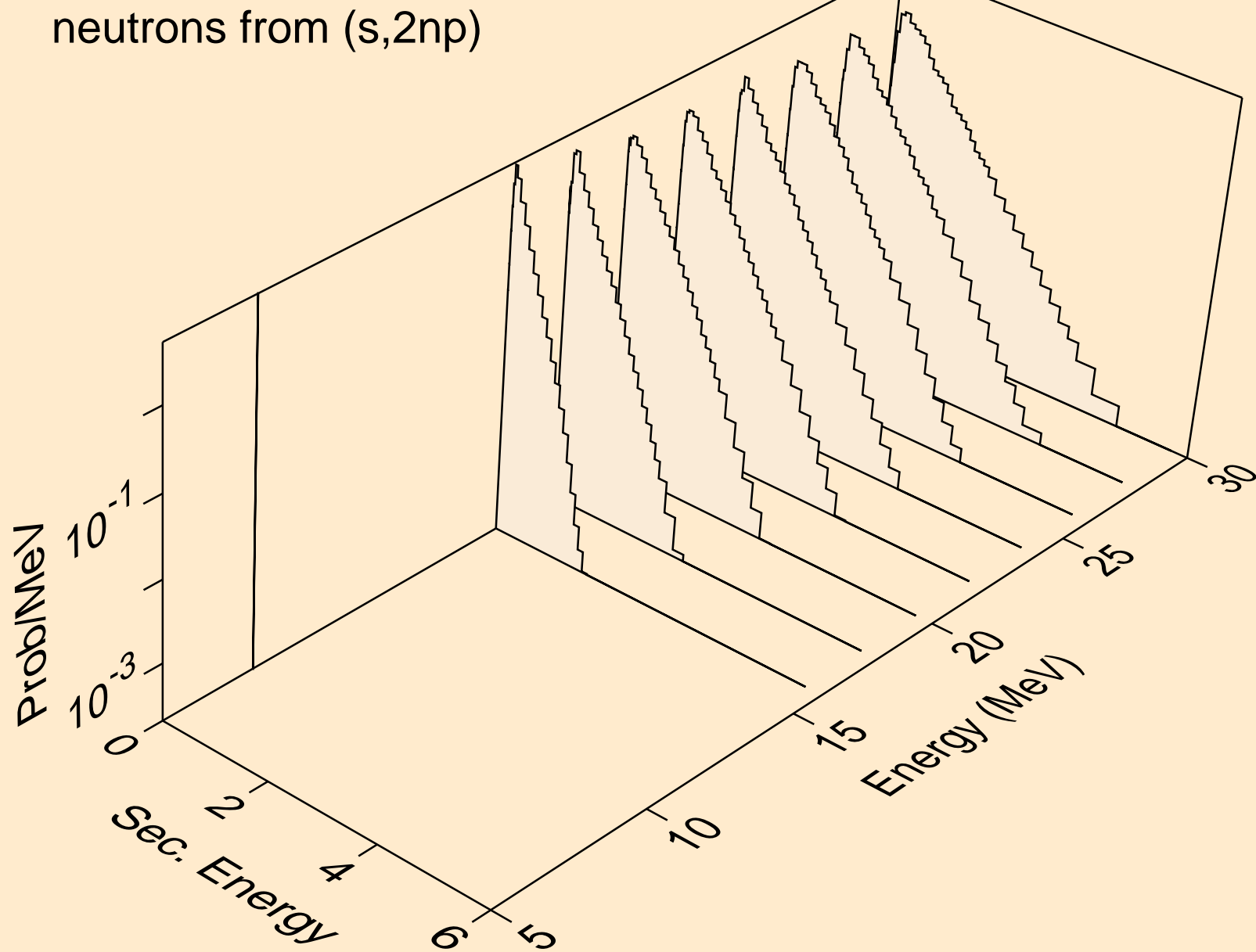




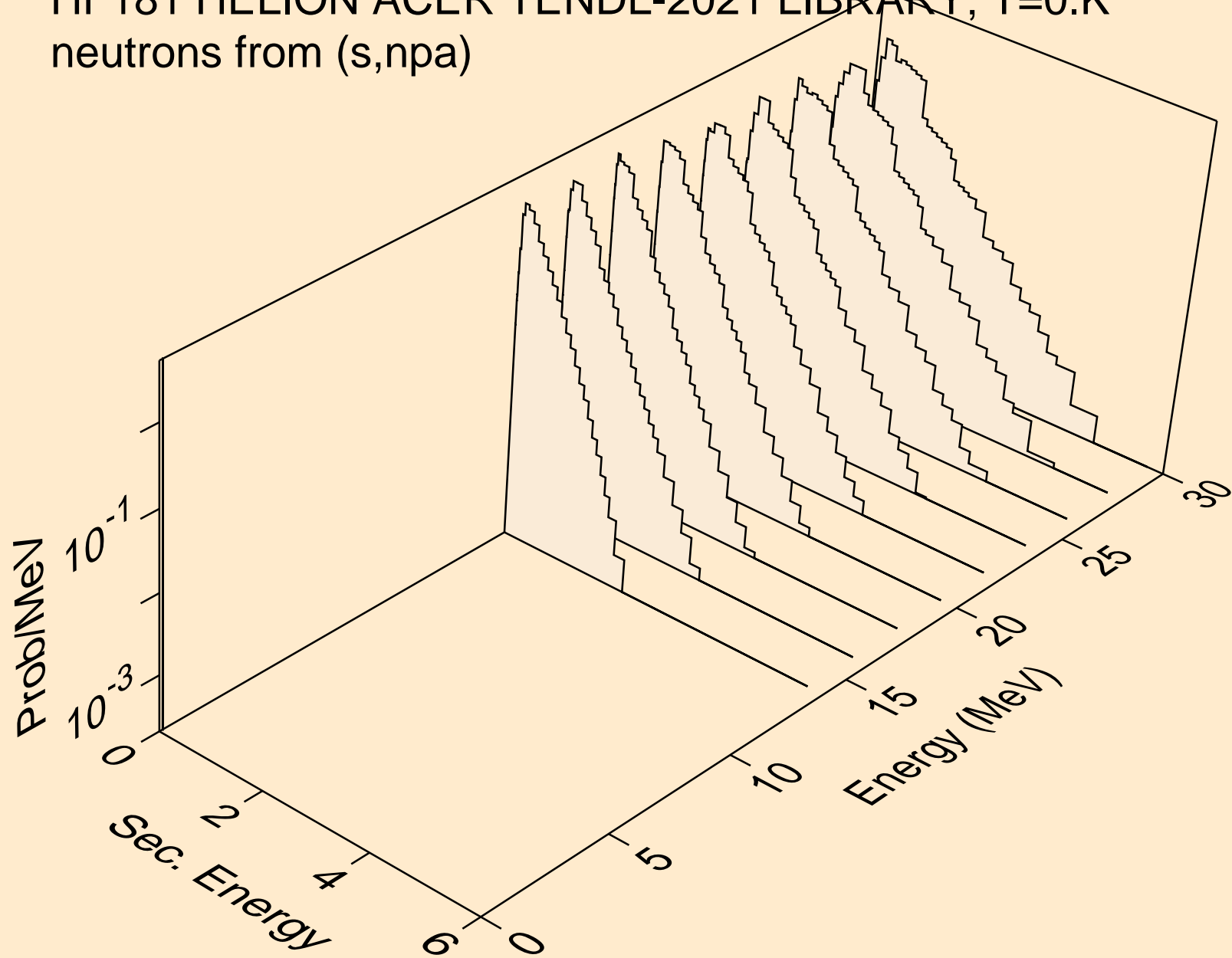
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neutrons from (s,3np)



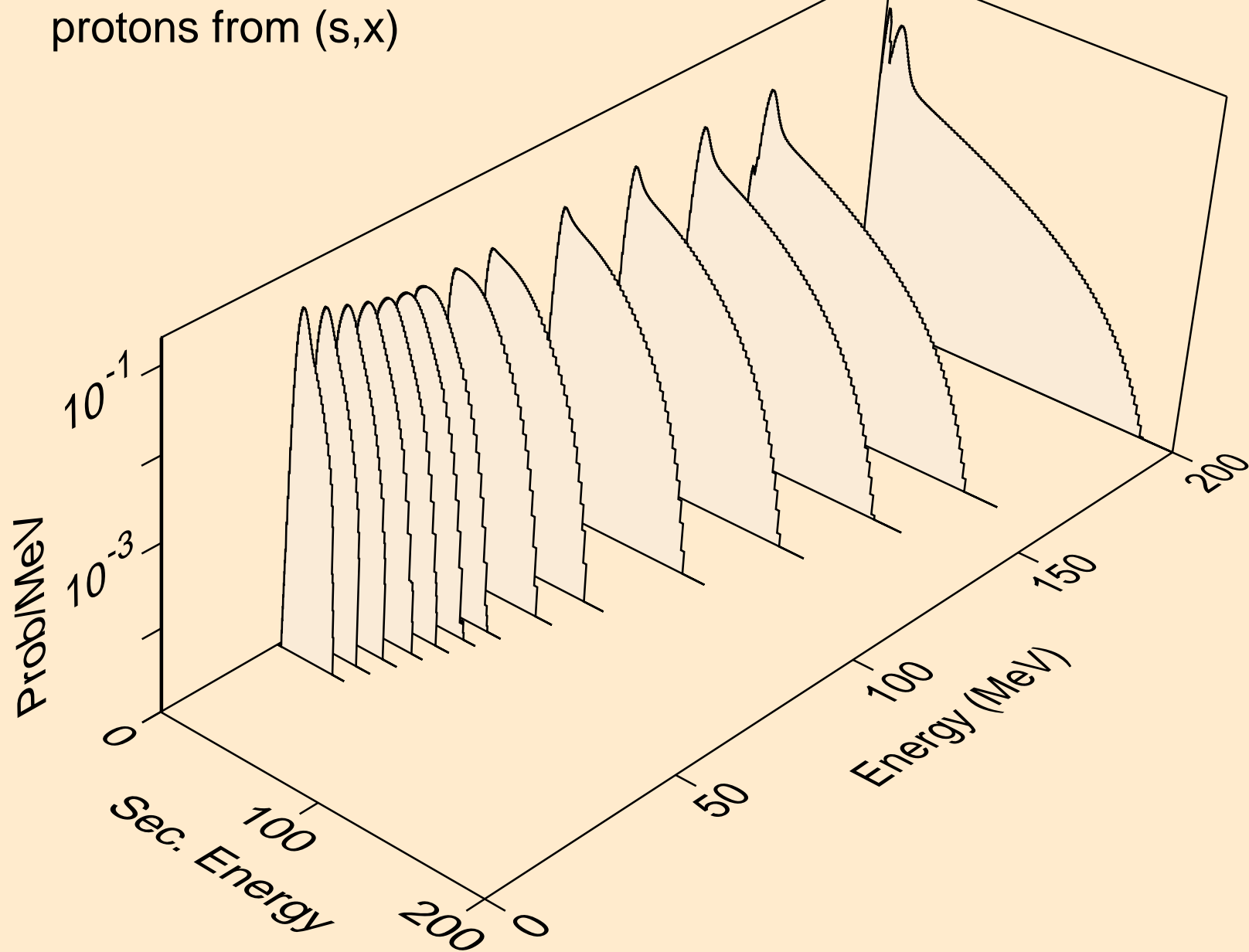
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



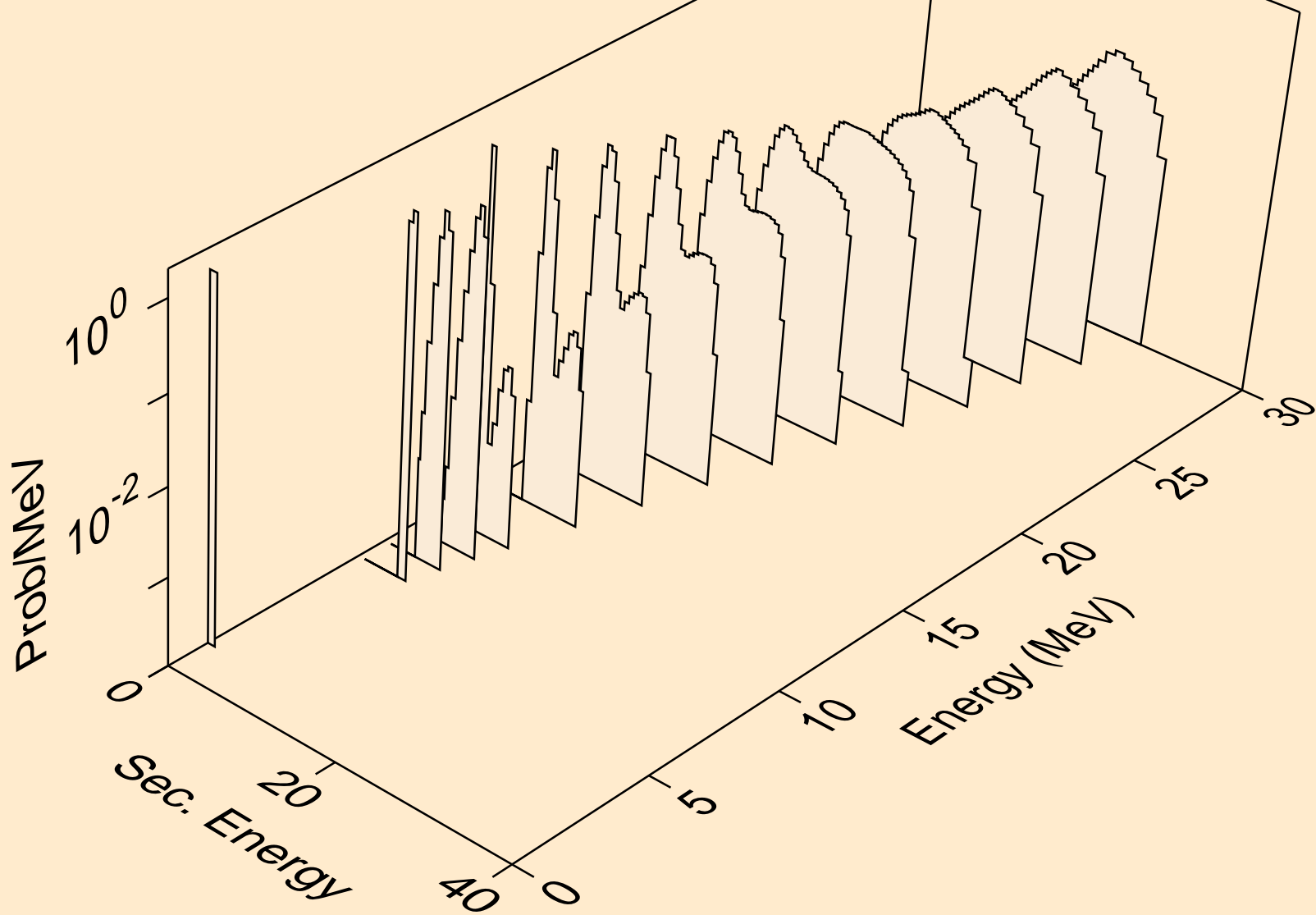
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



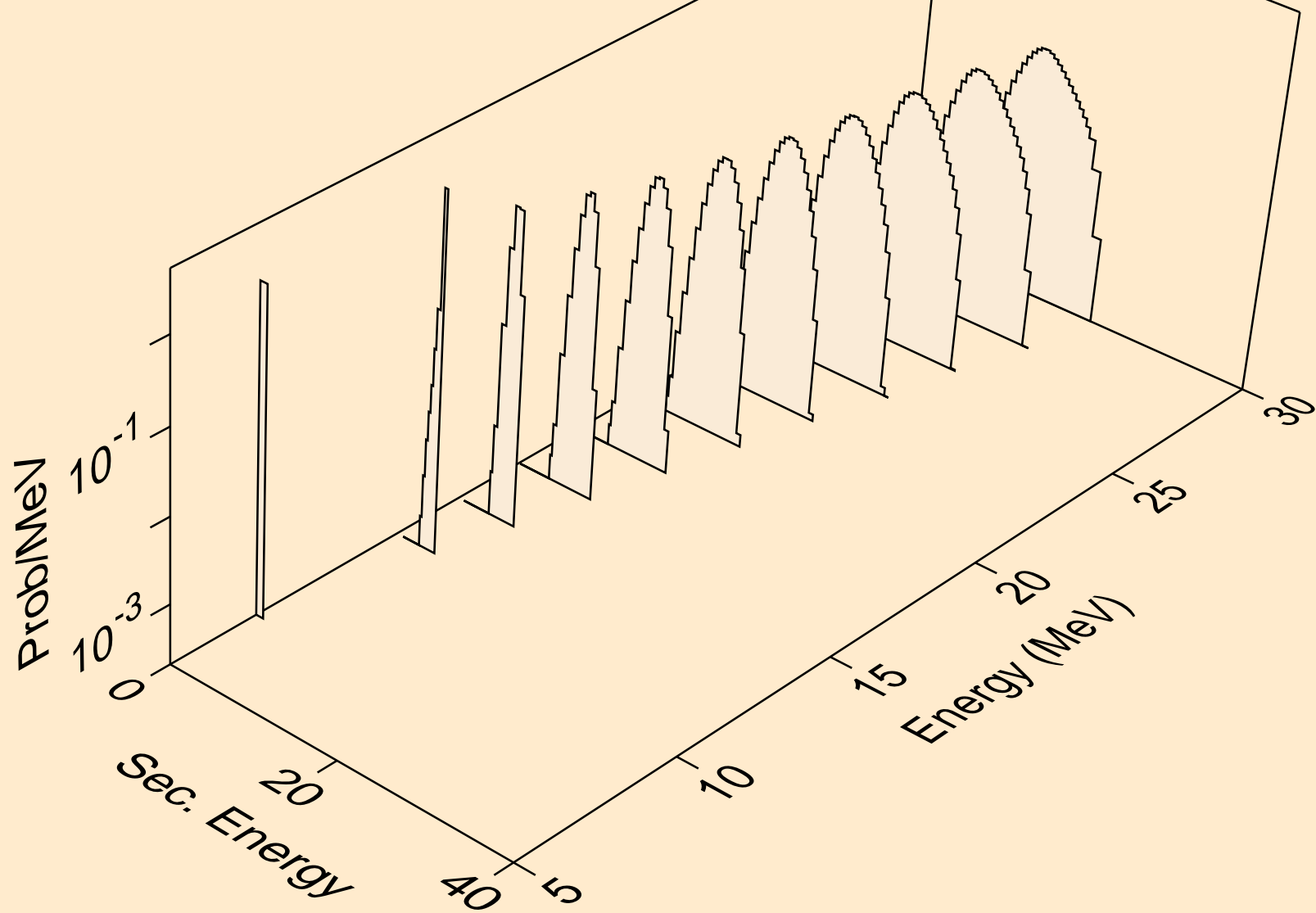
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



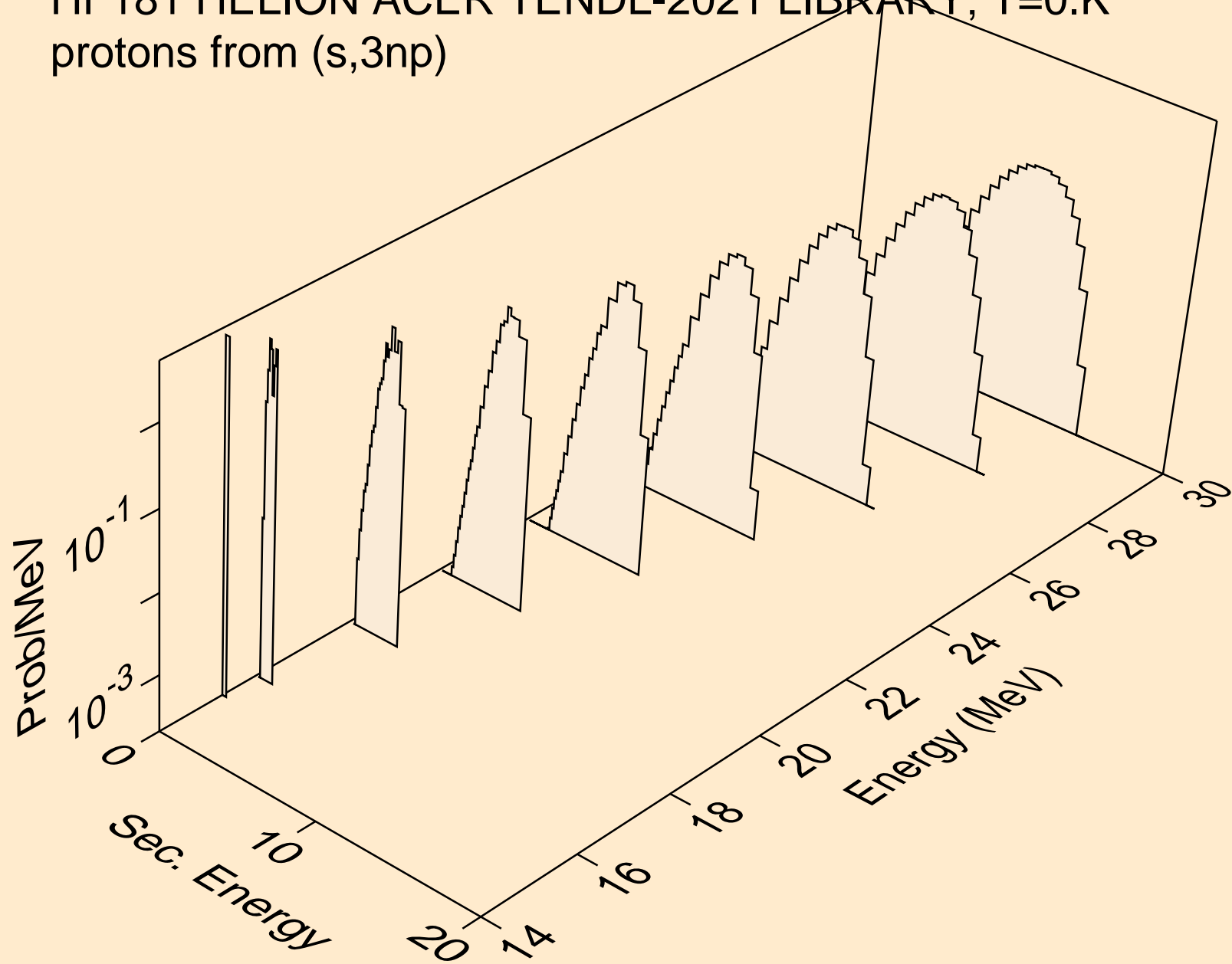
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



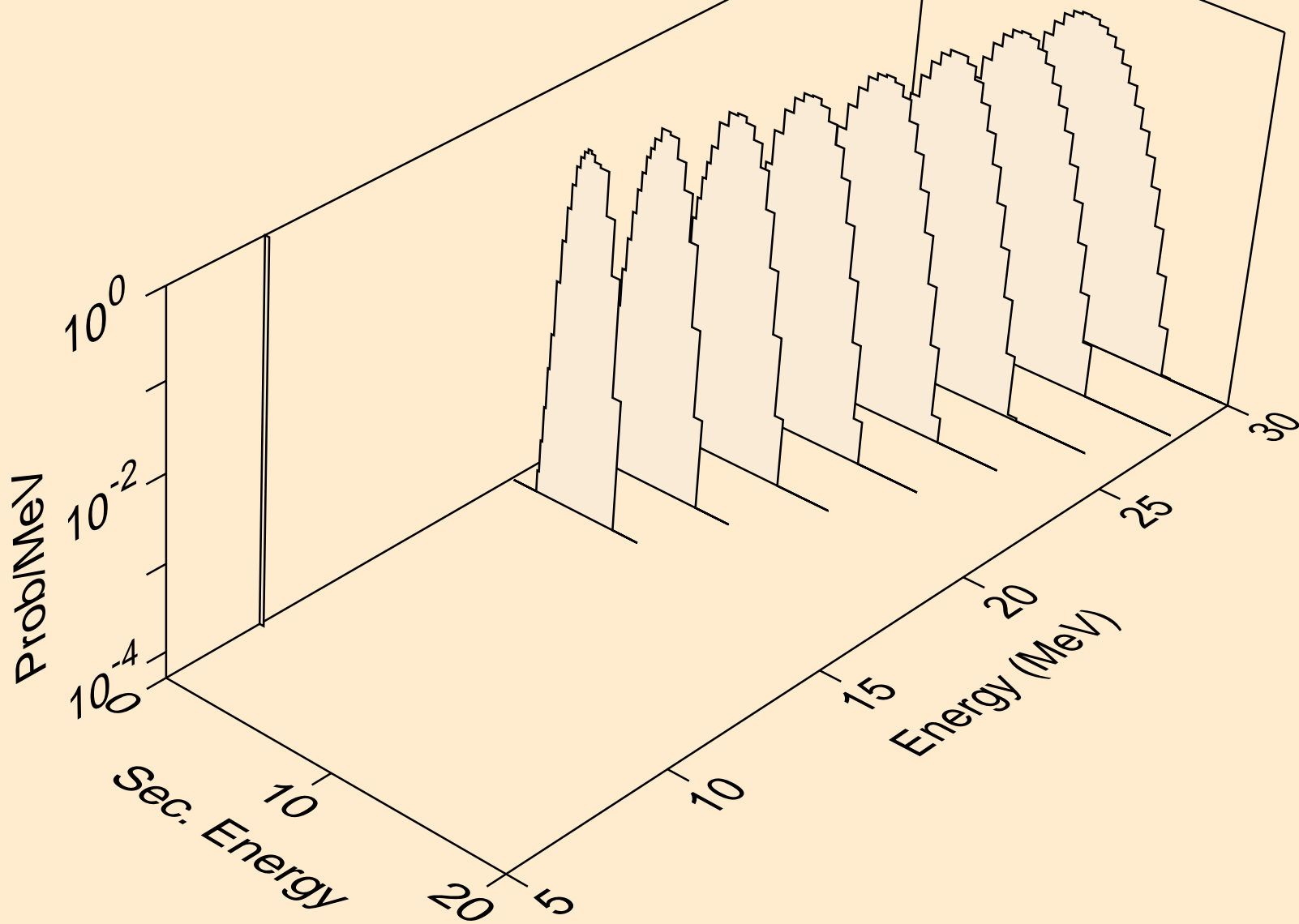
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)

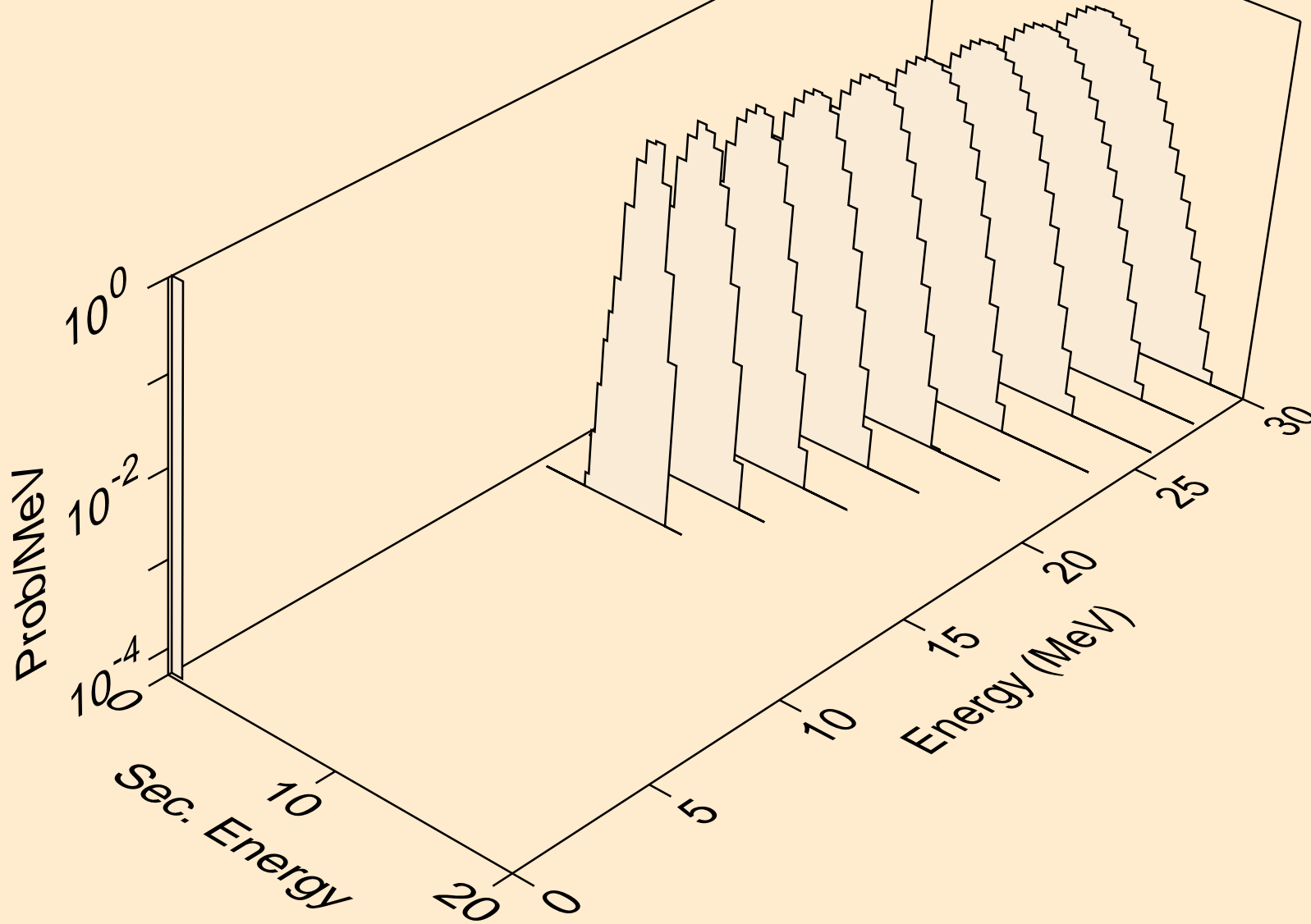


HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

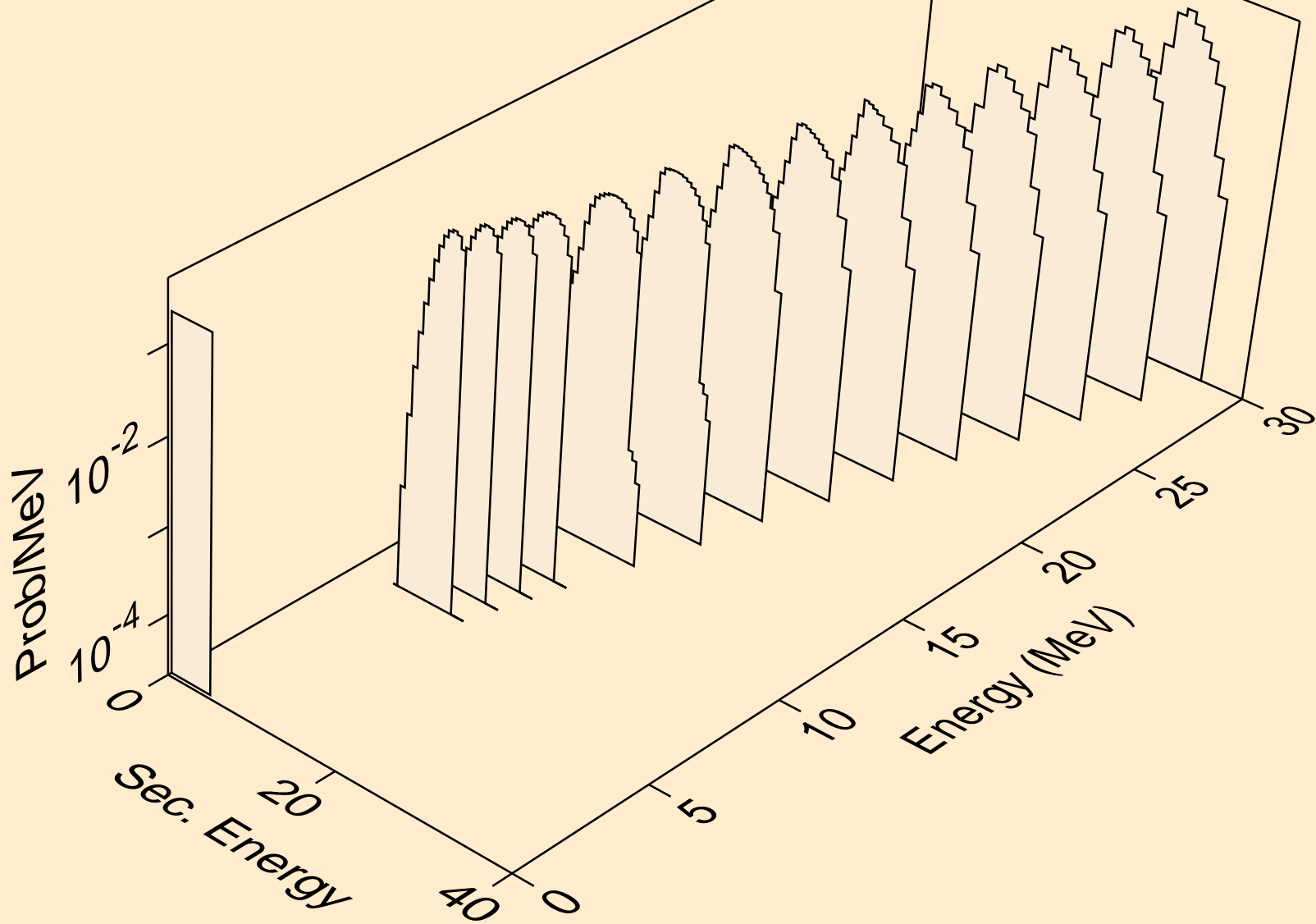




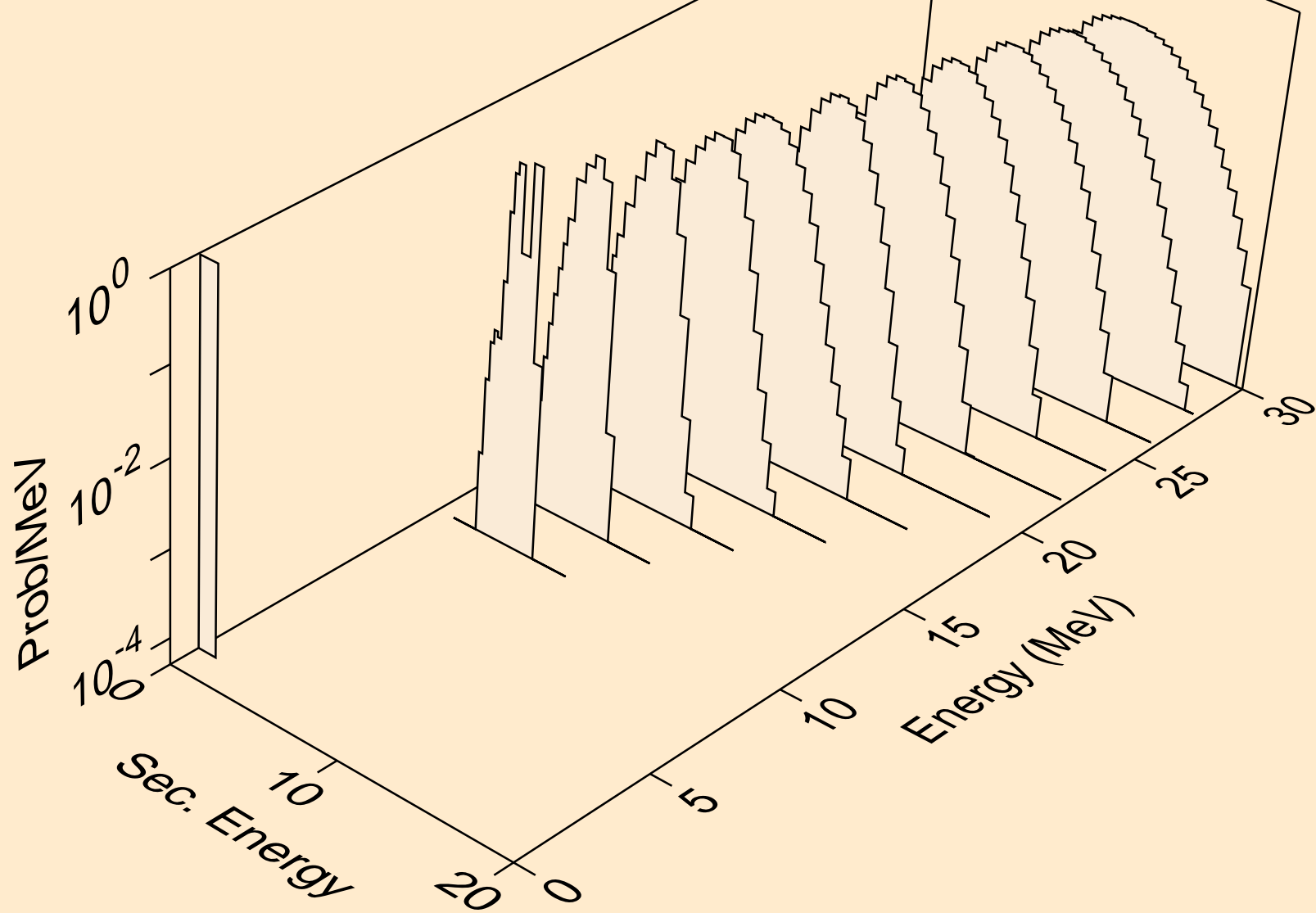
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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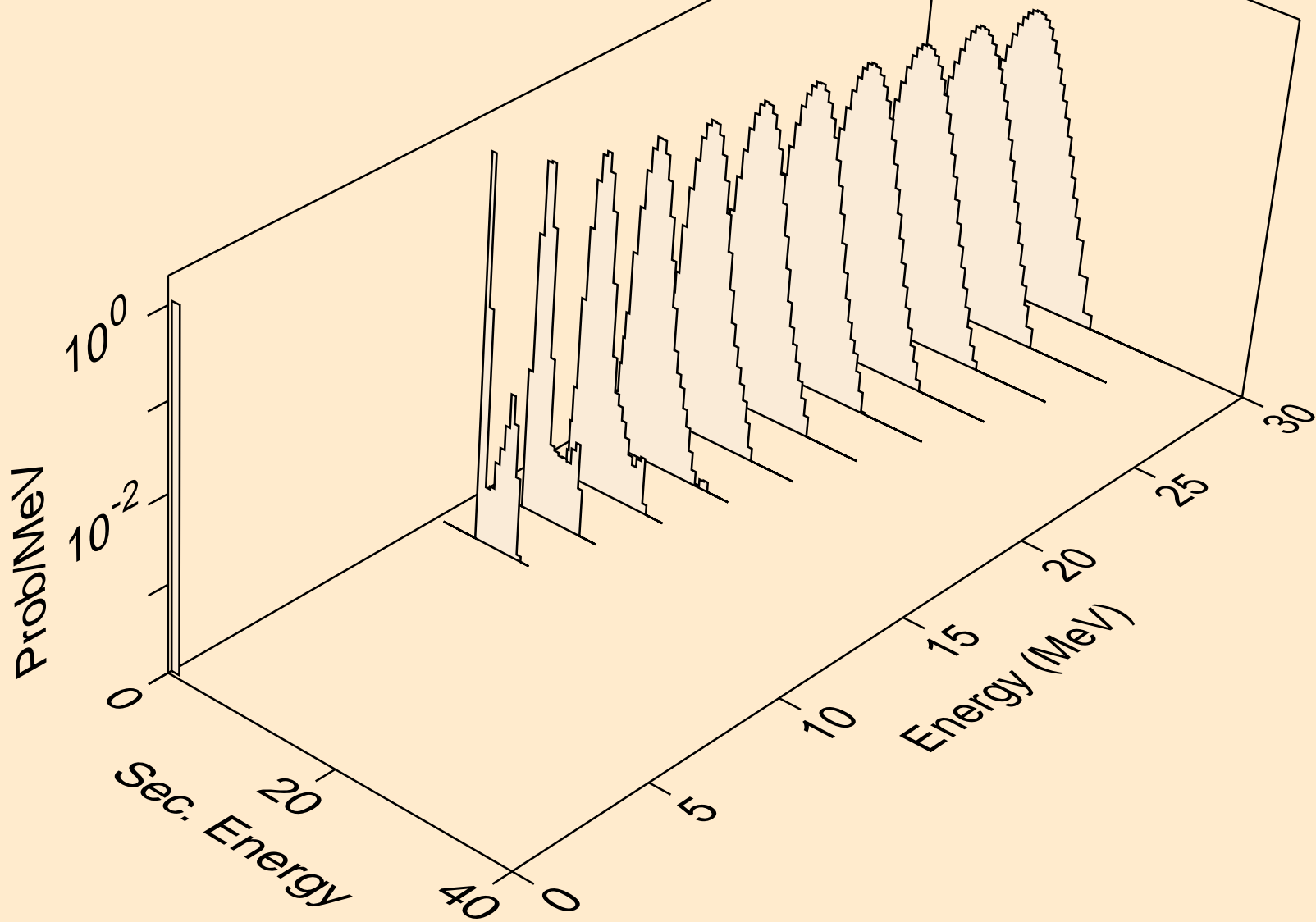
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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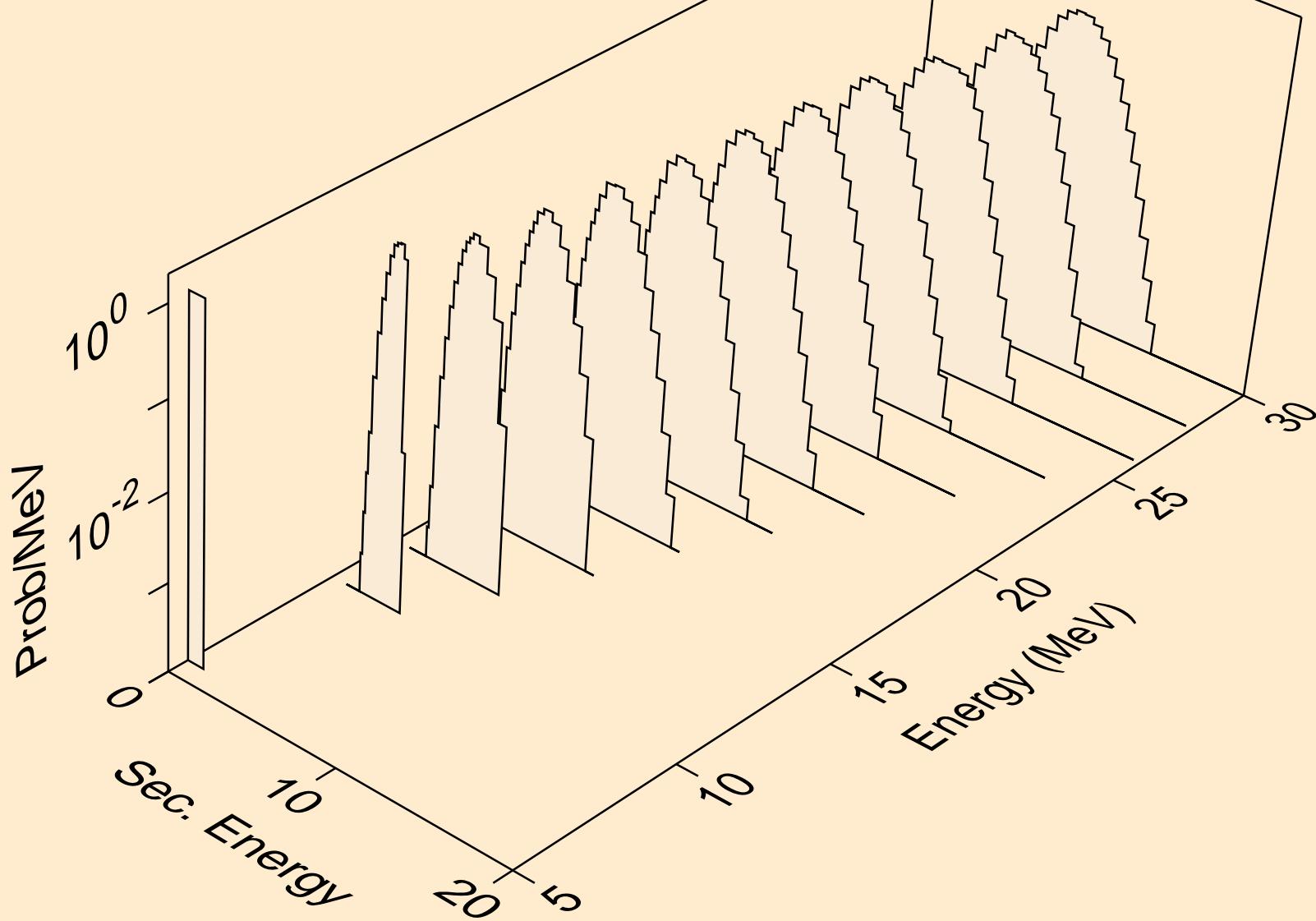
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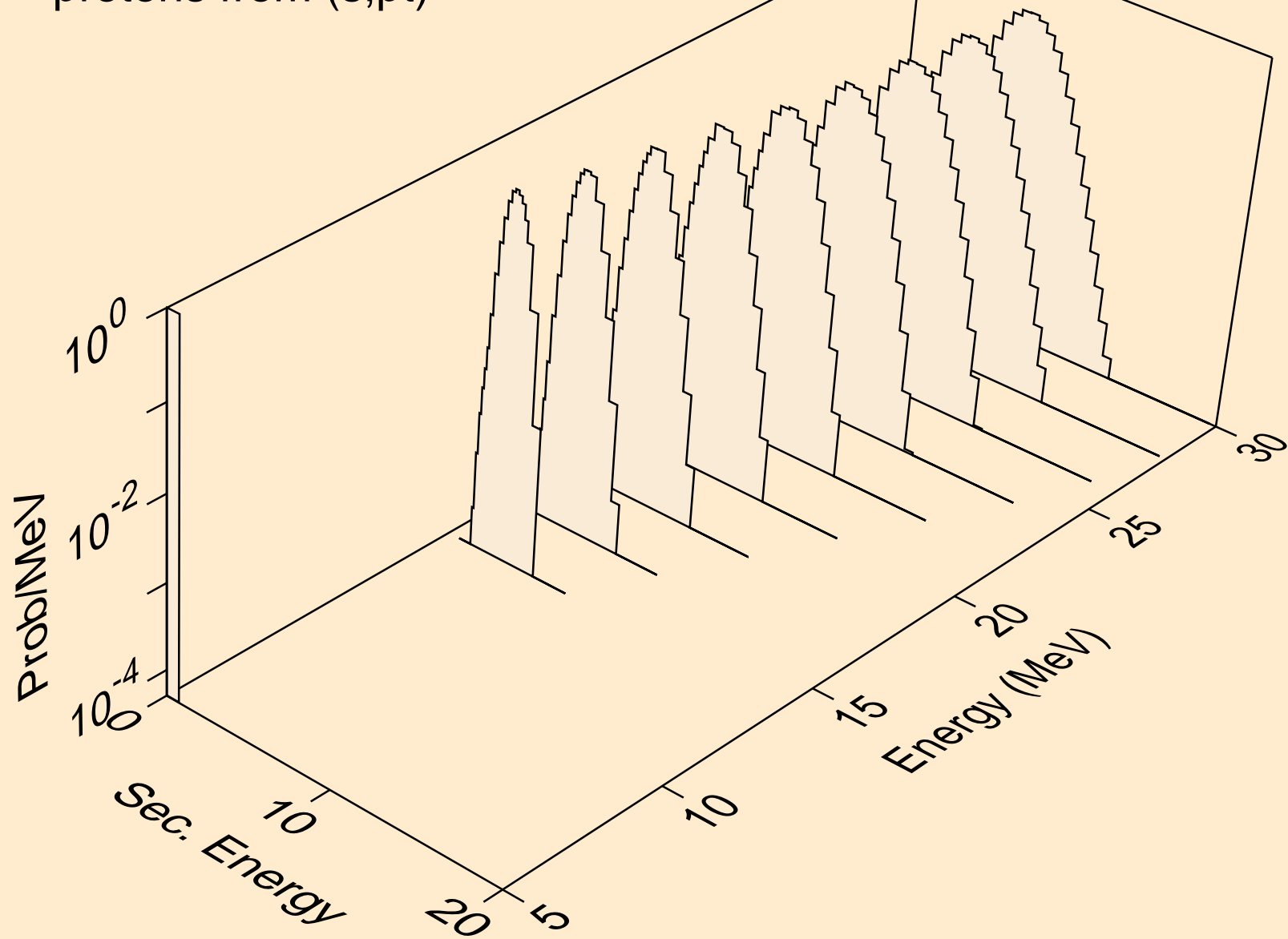
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



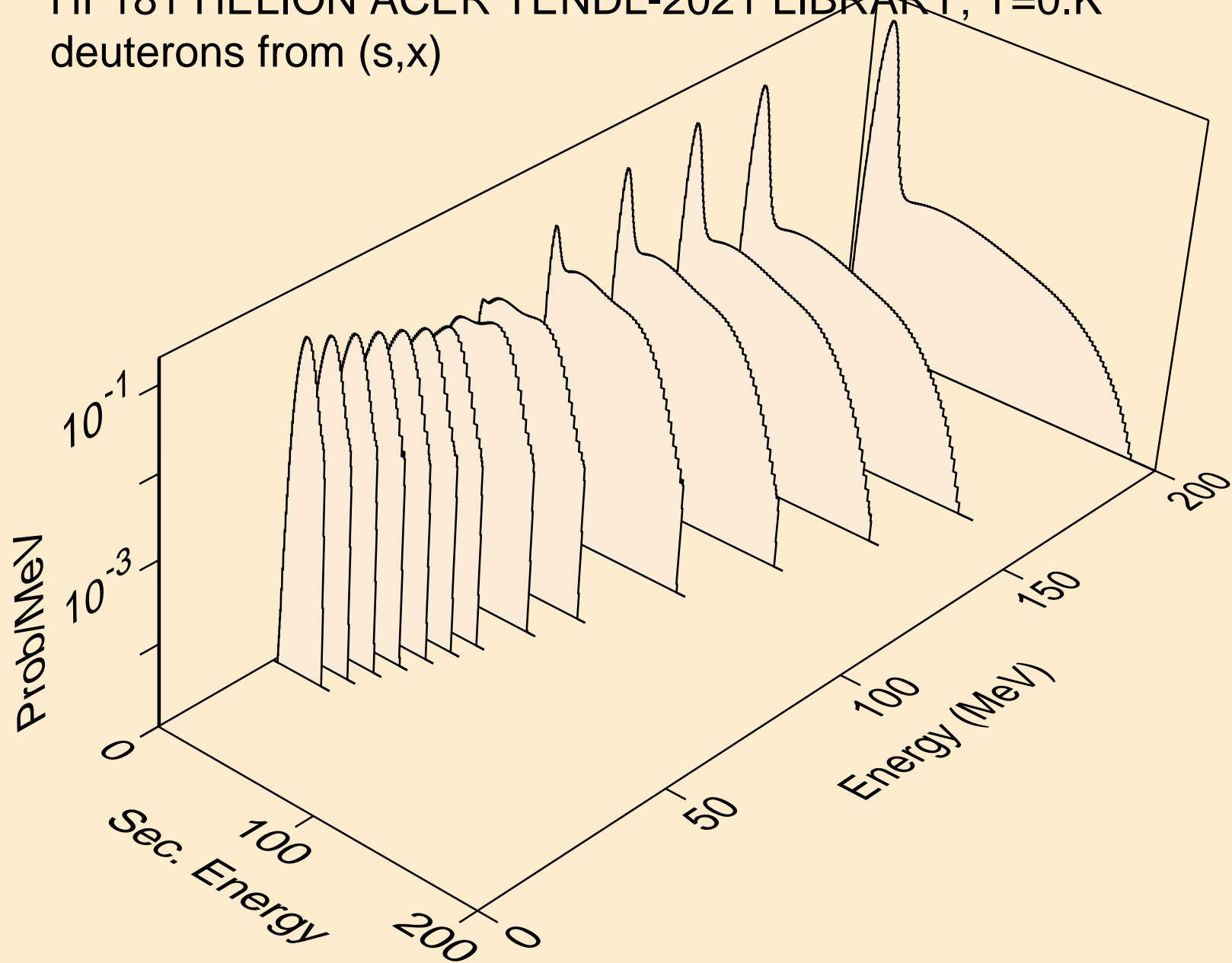
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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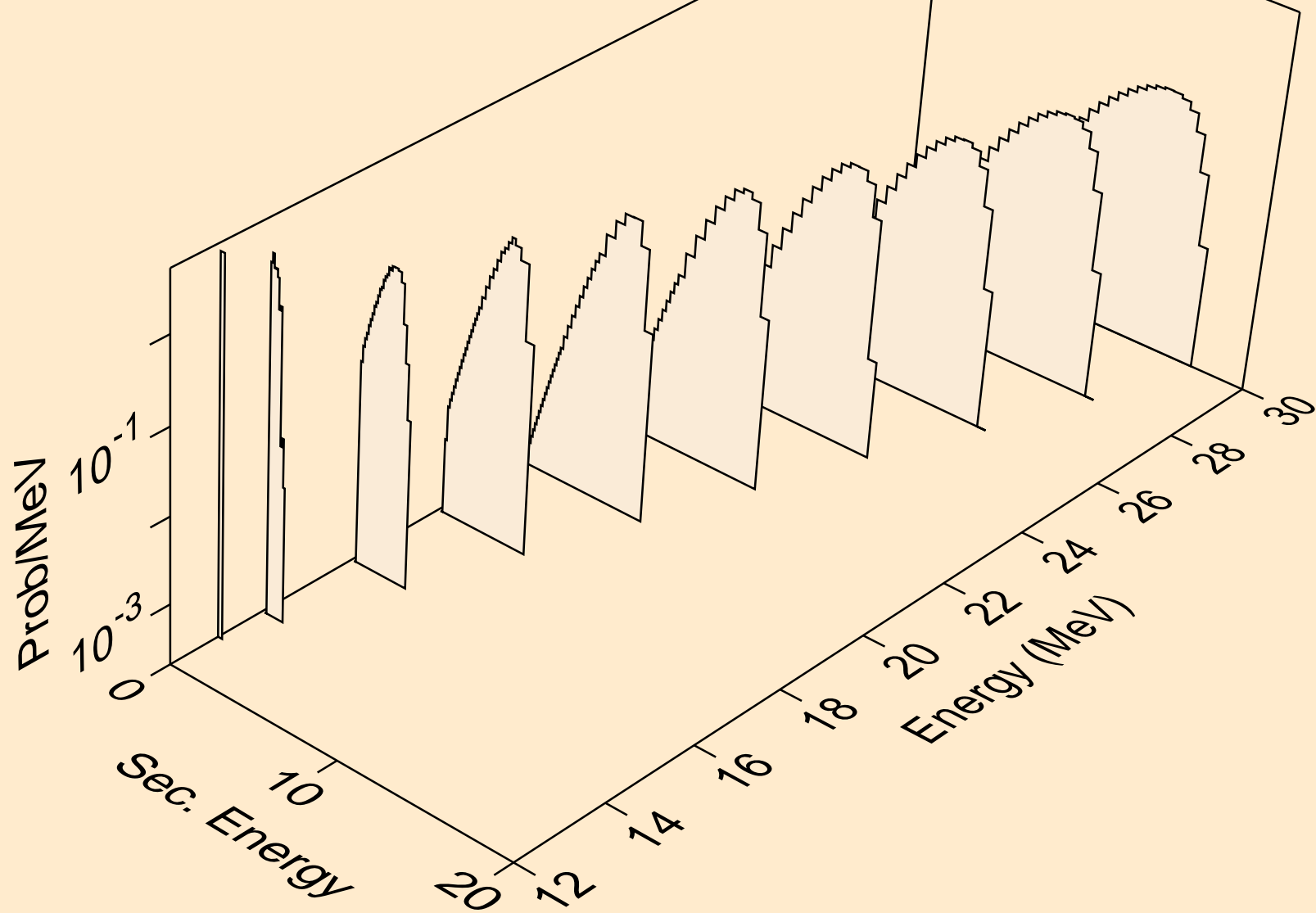
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)

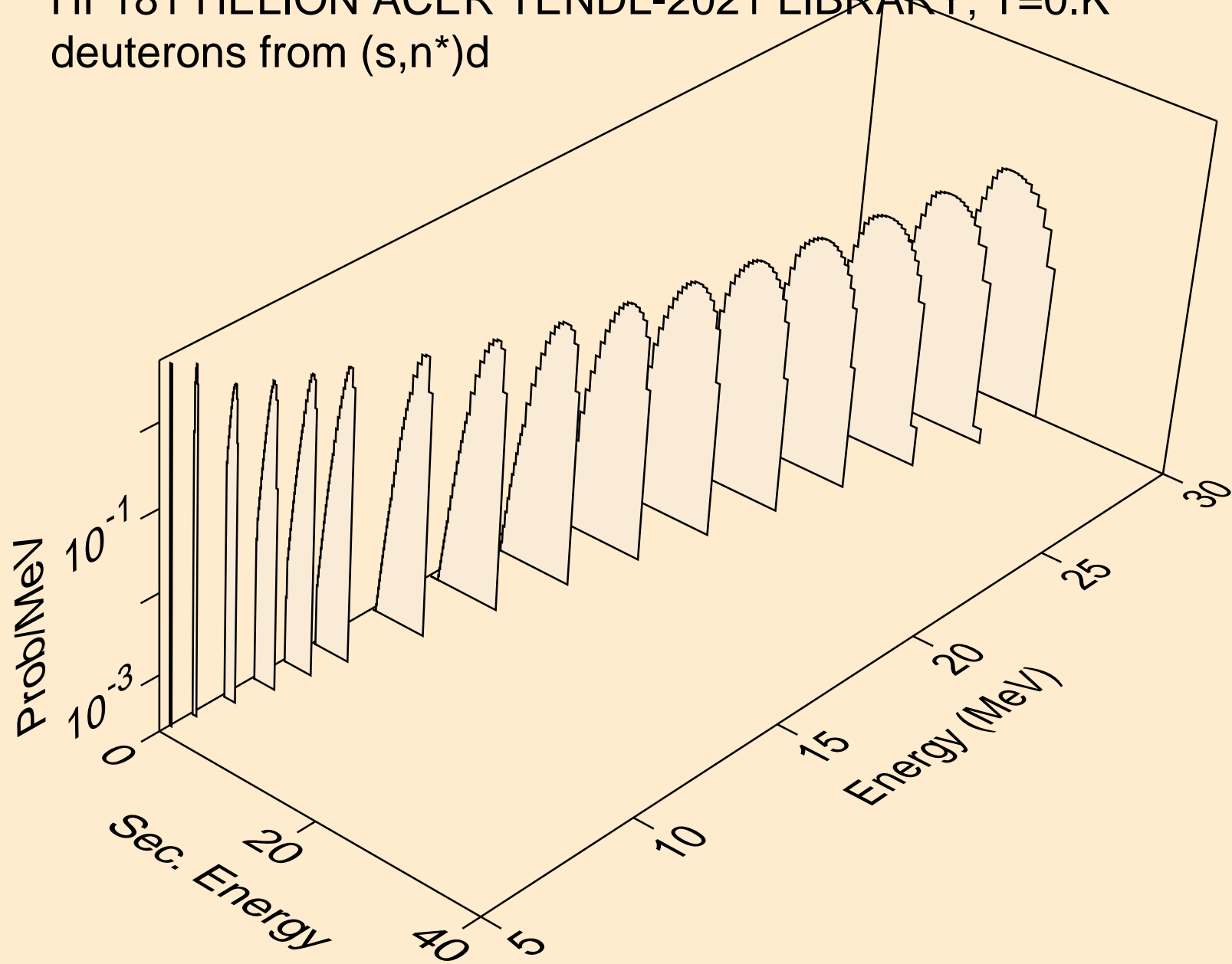


HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)

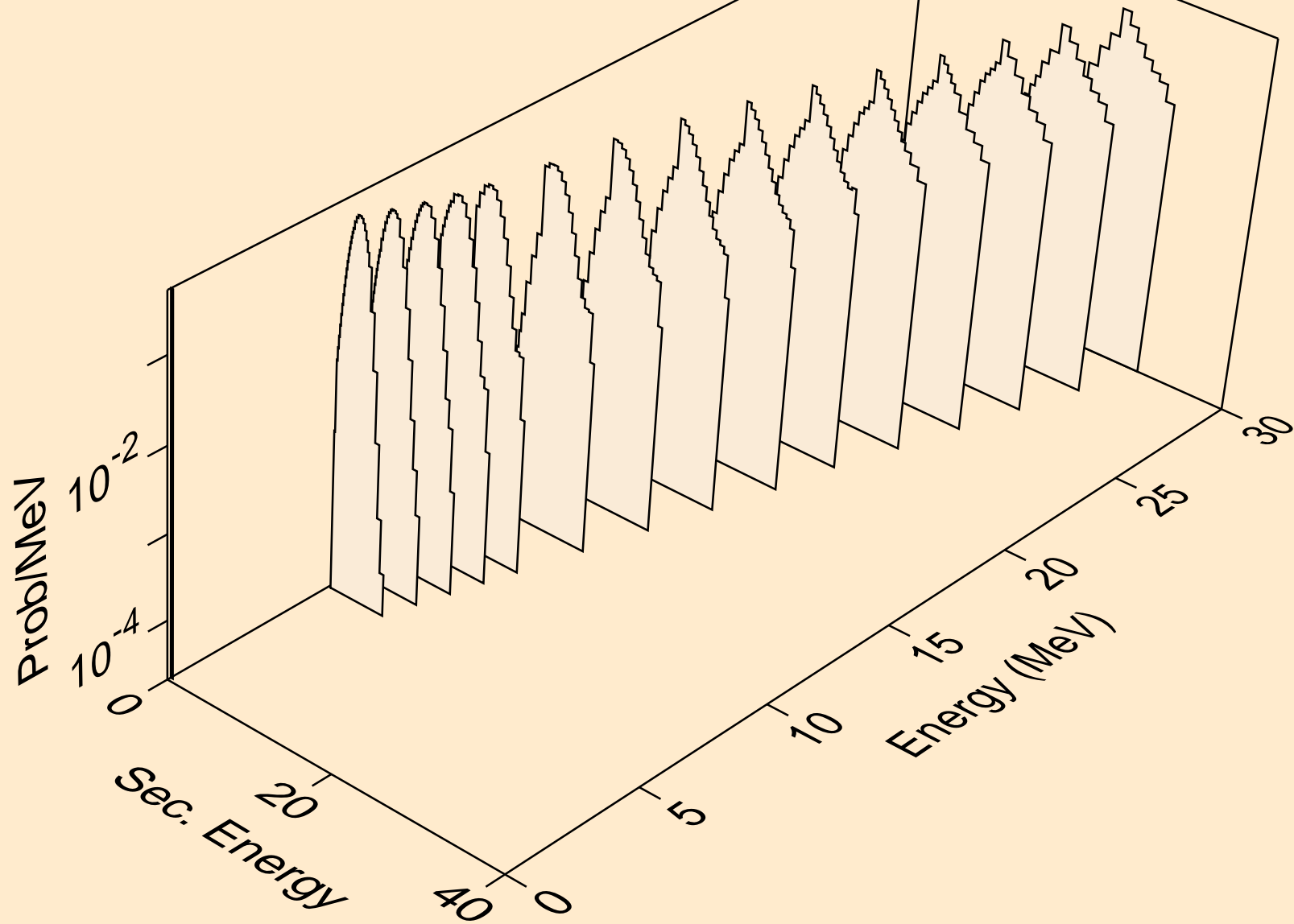




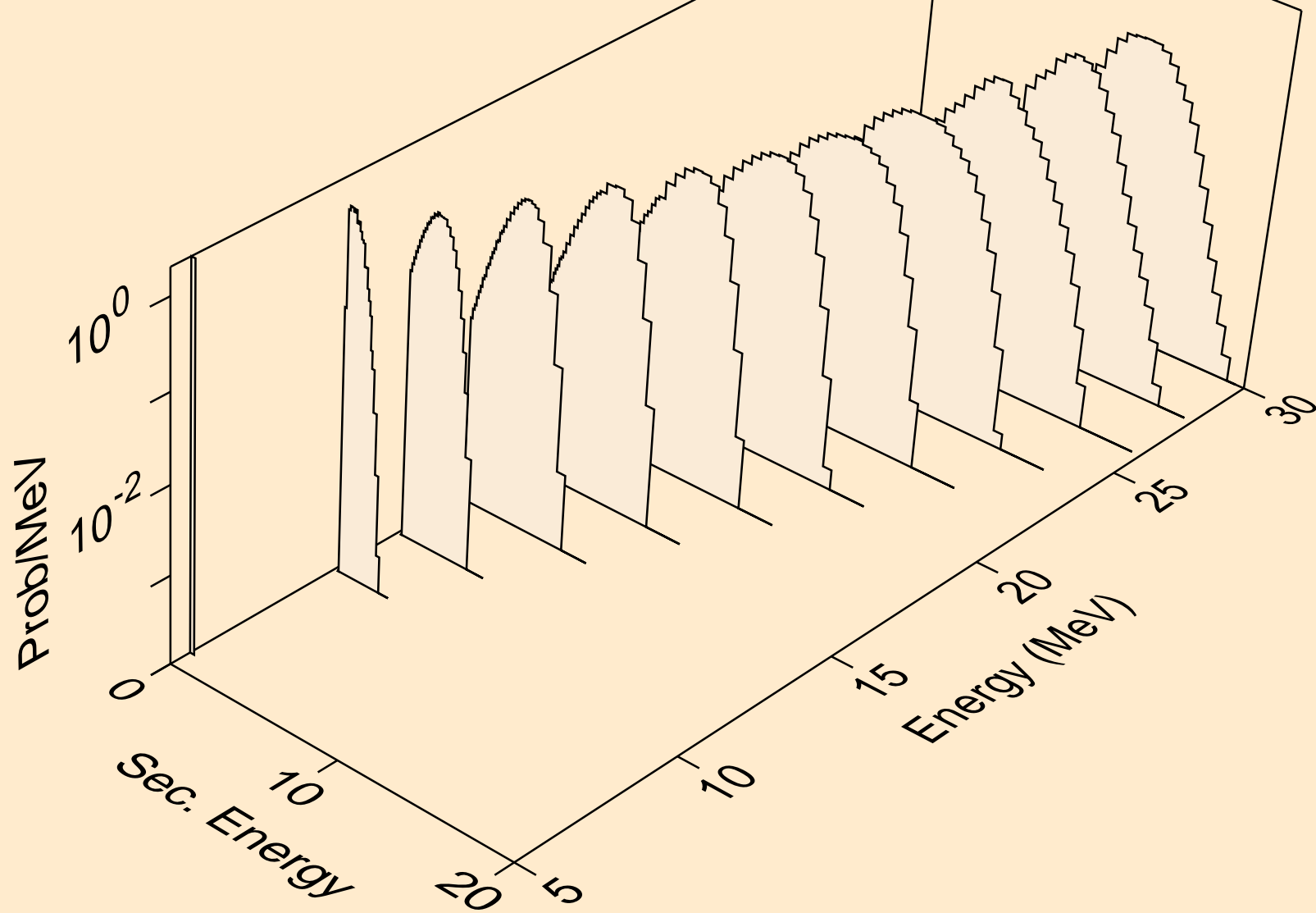
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



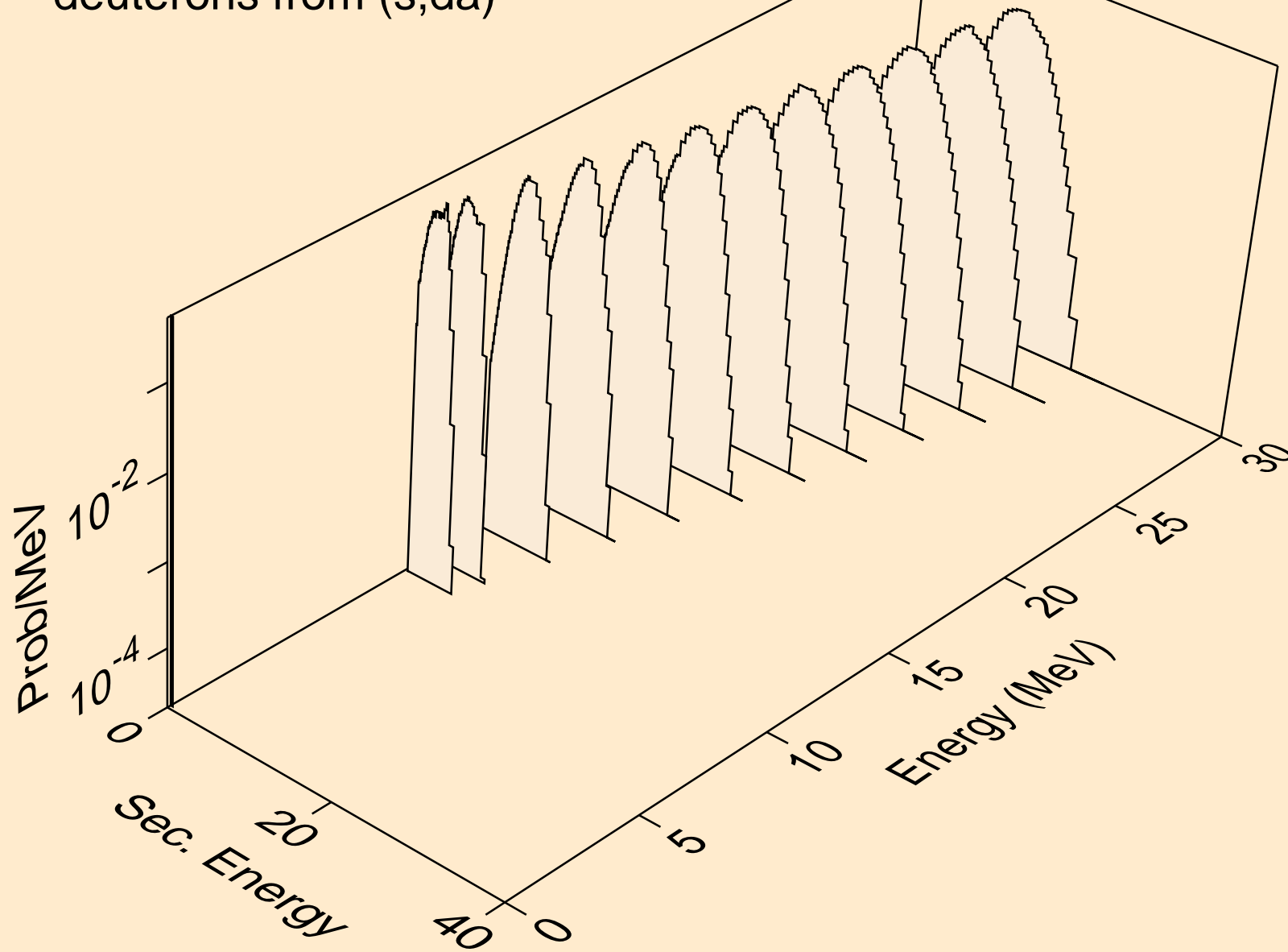
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



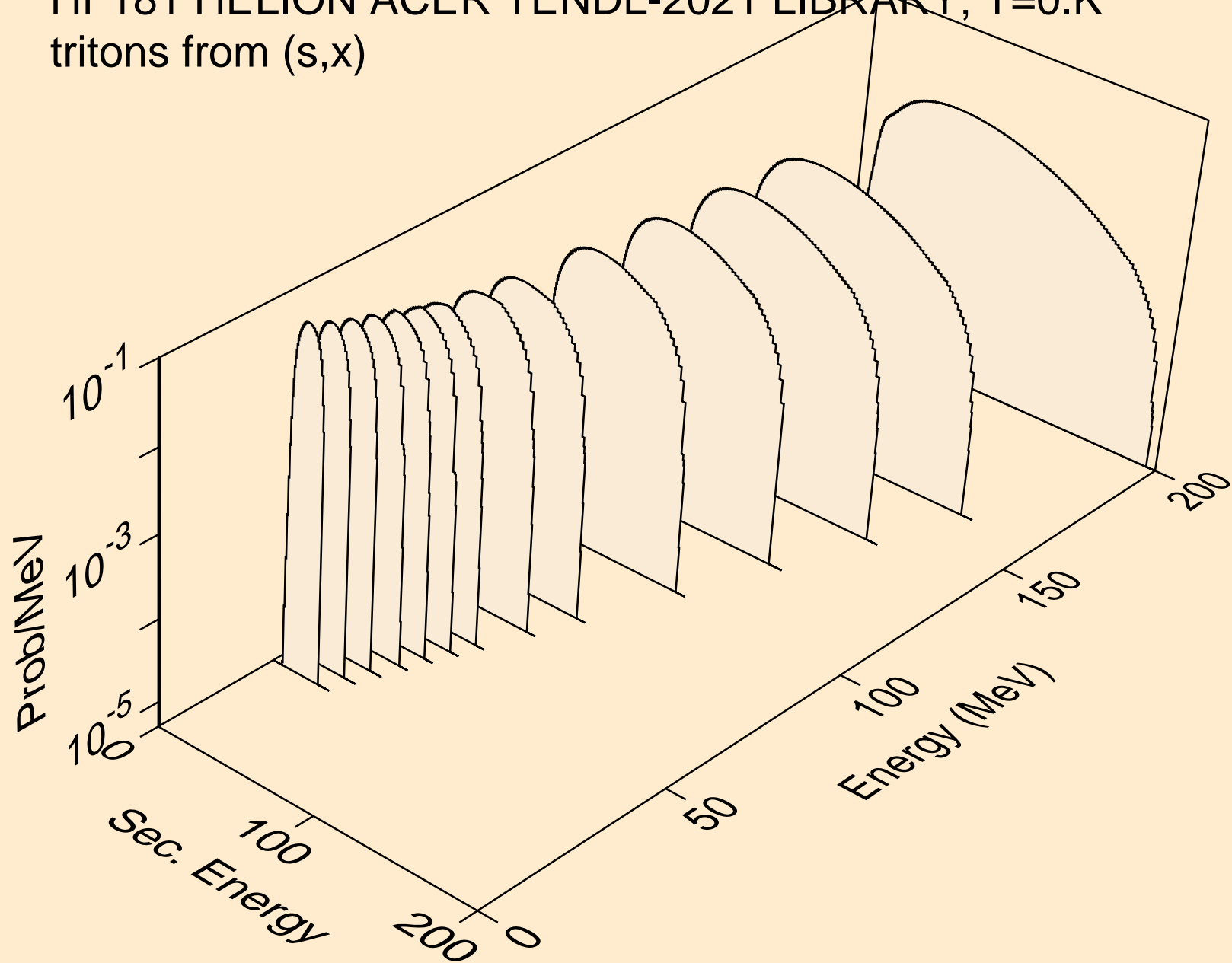
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



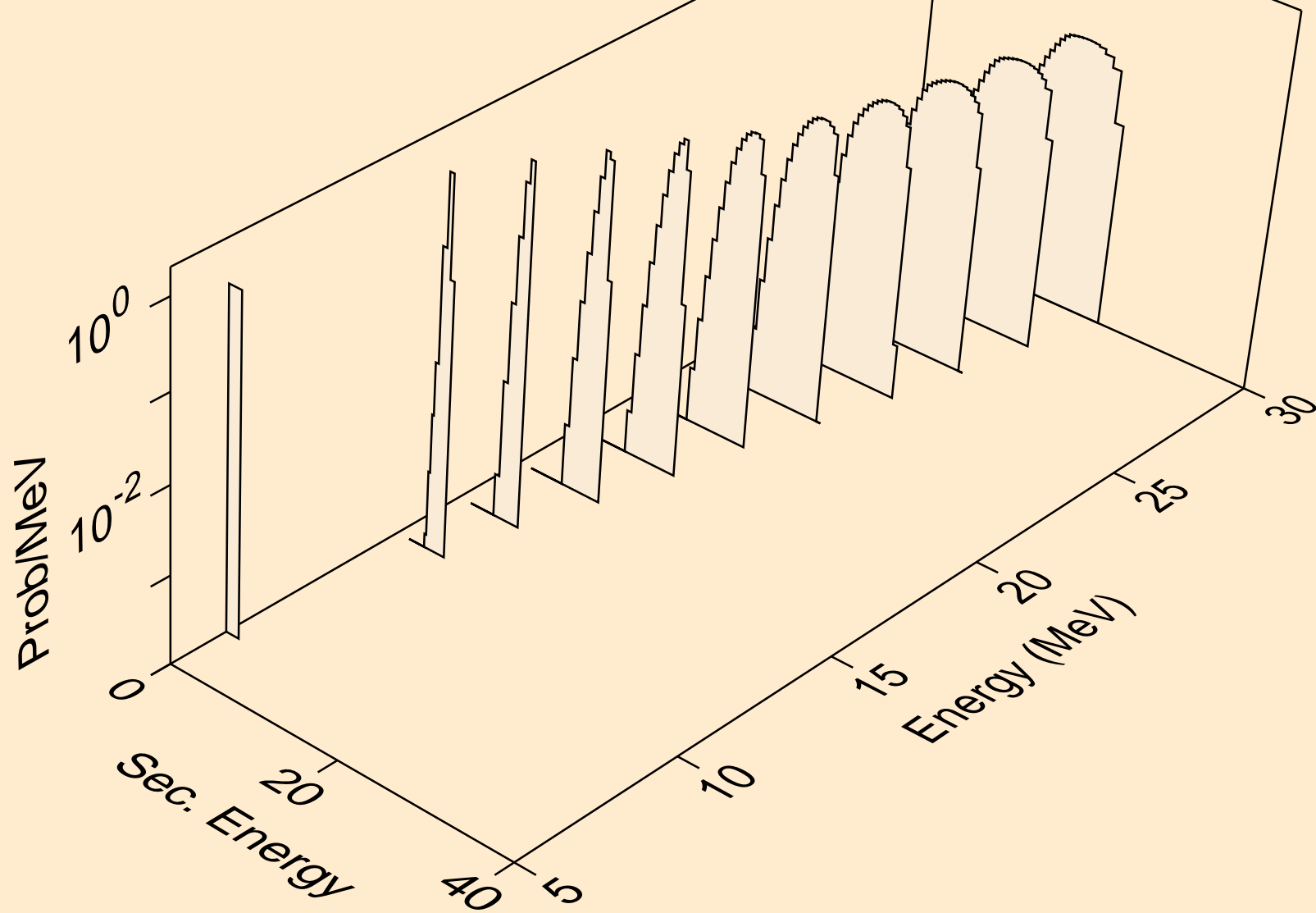
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



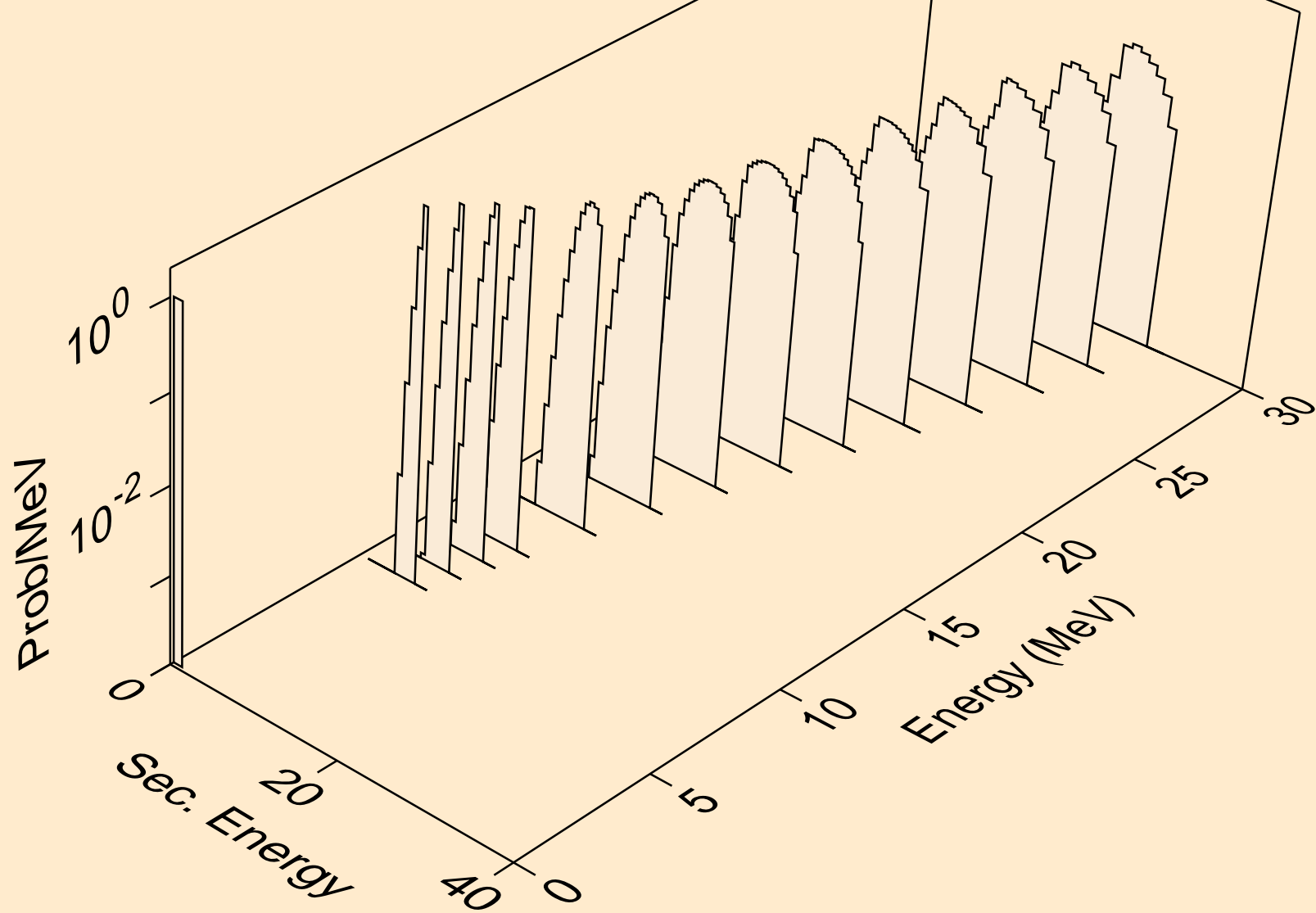
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



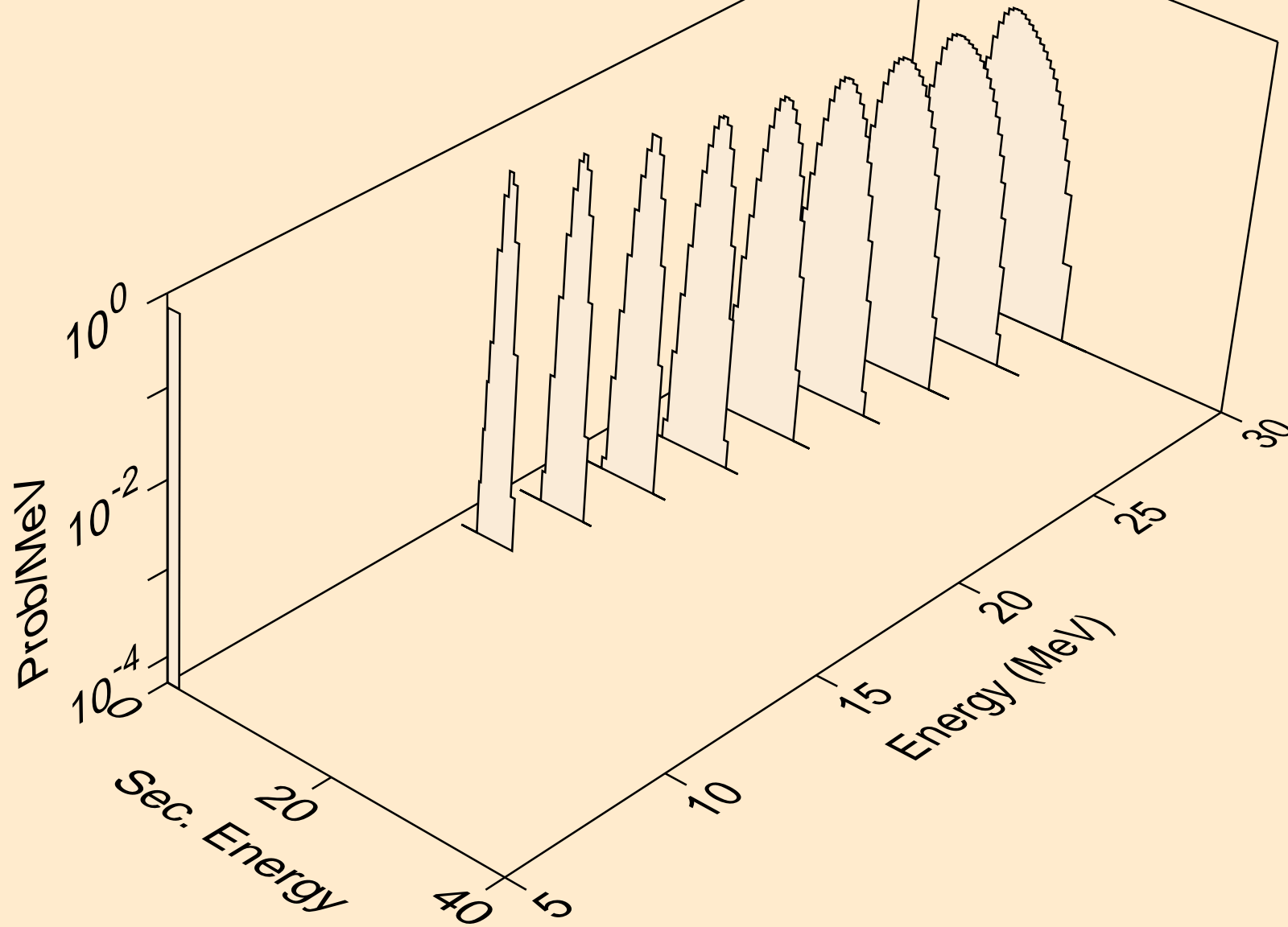
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)

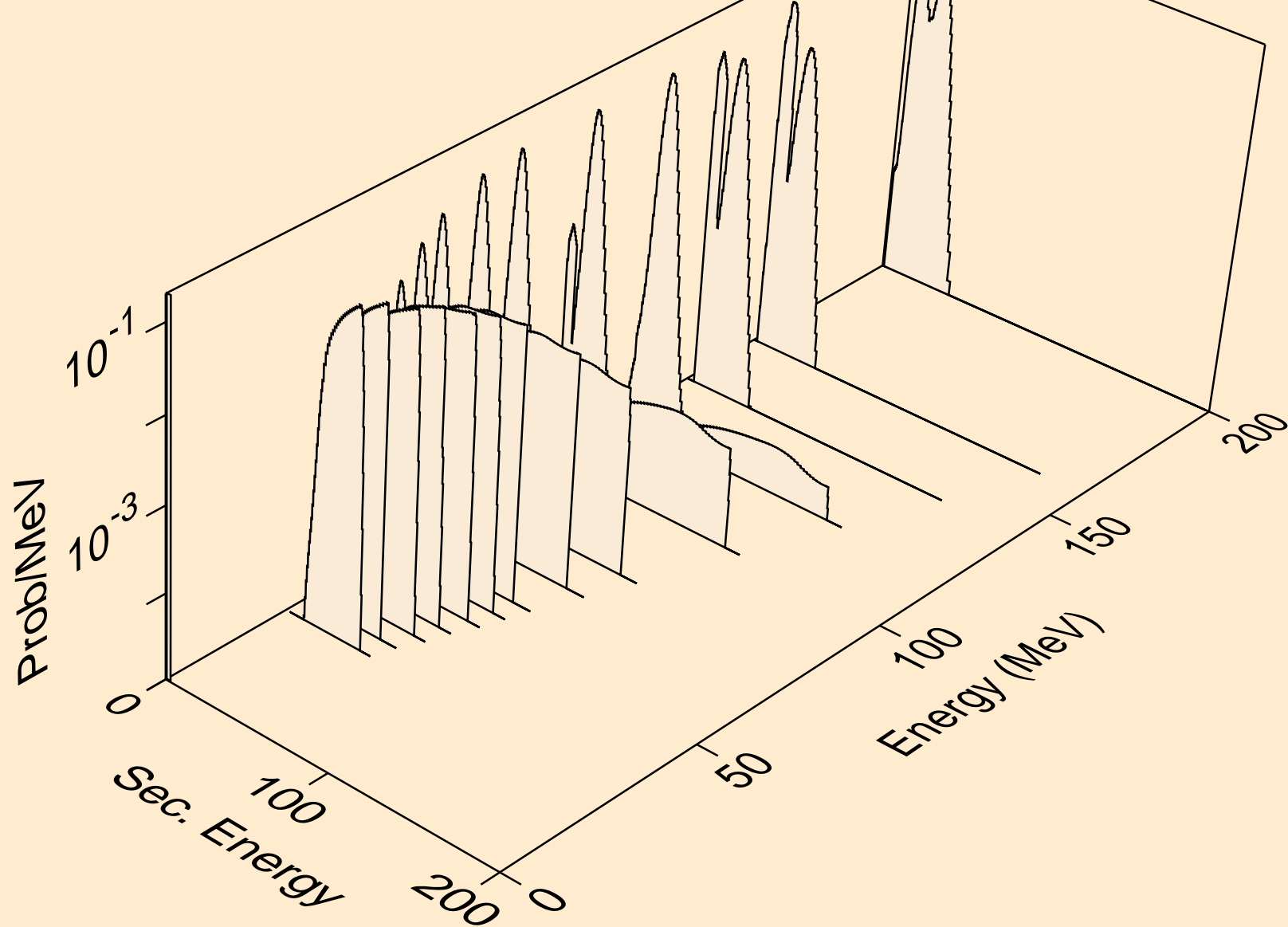


HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)

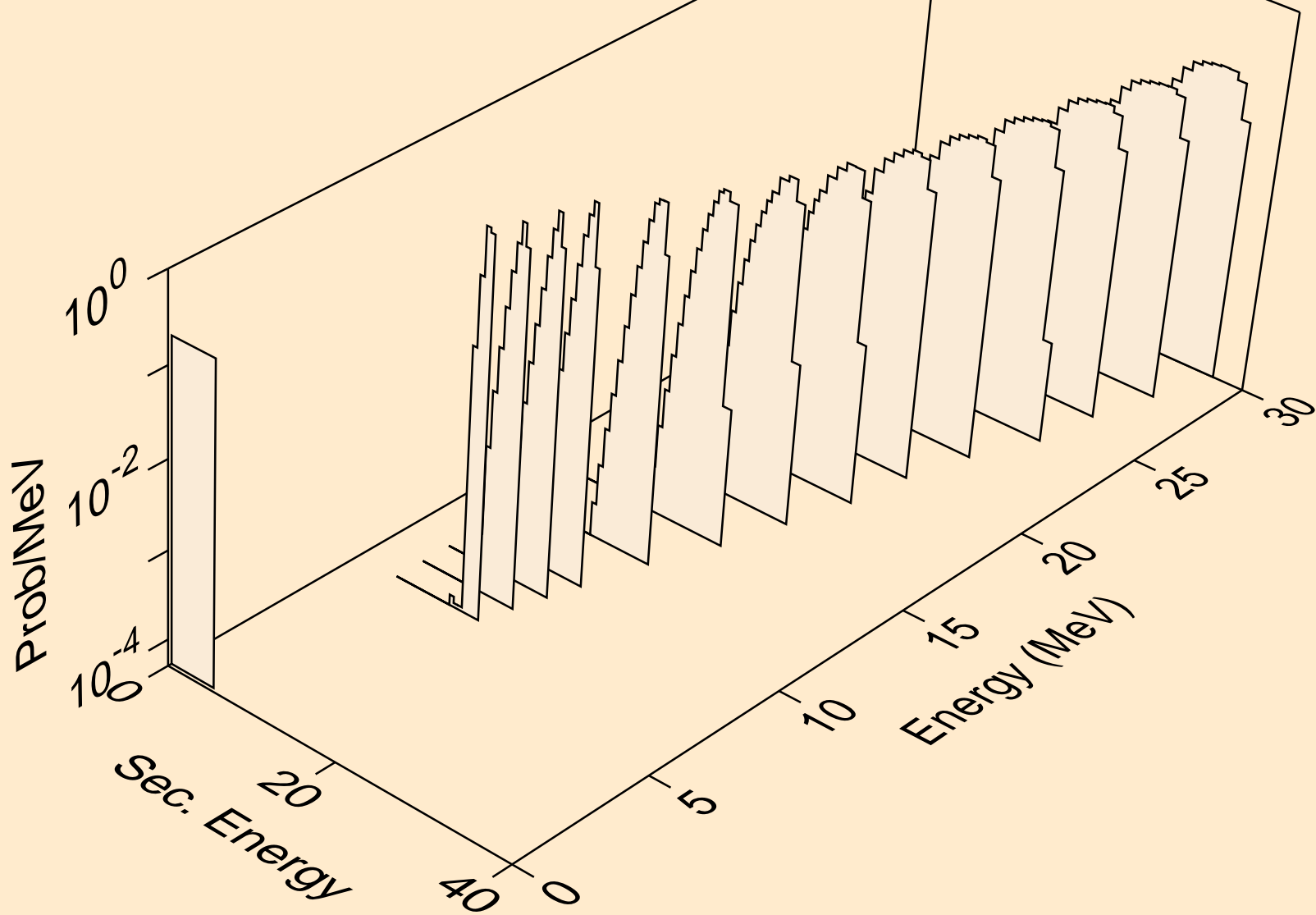




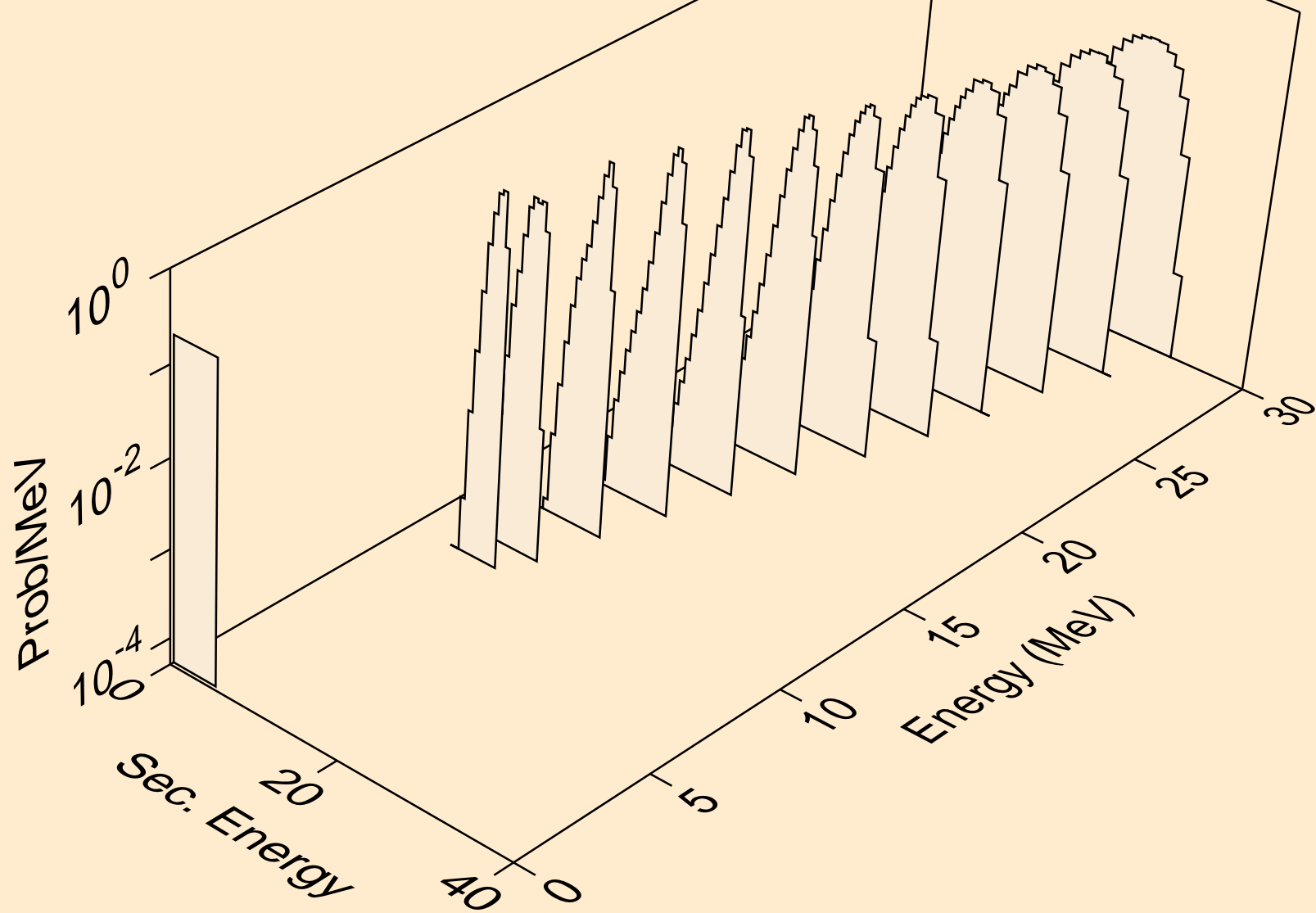
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



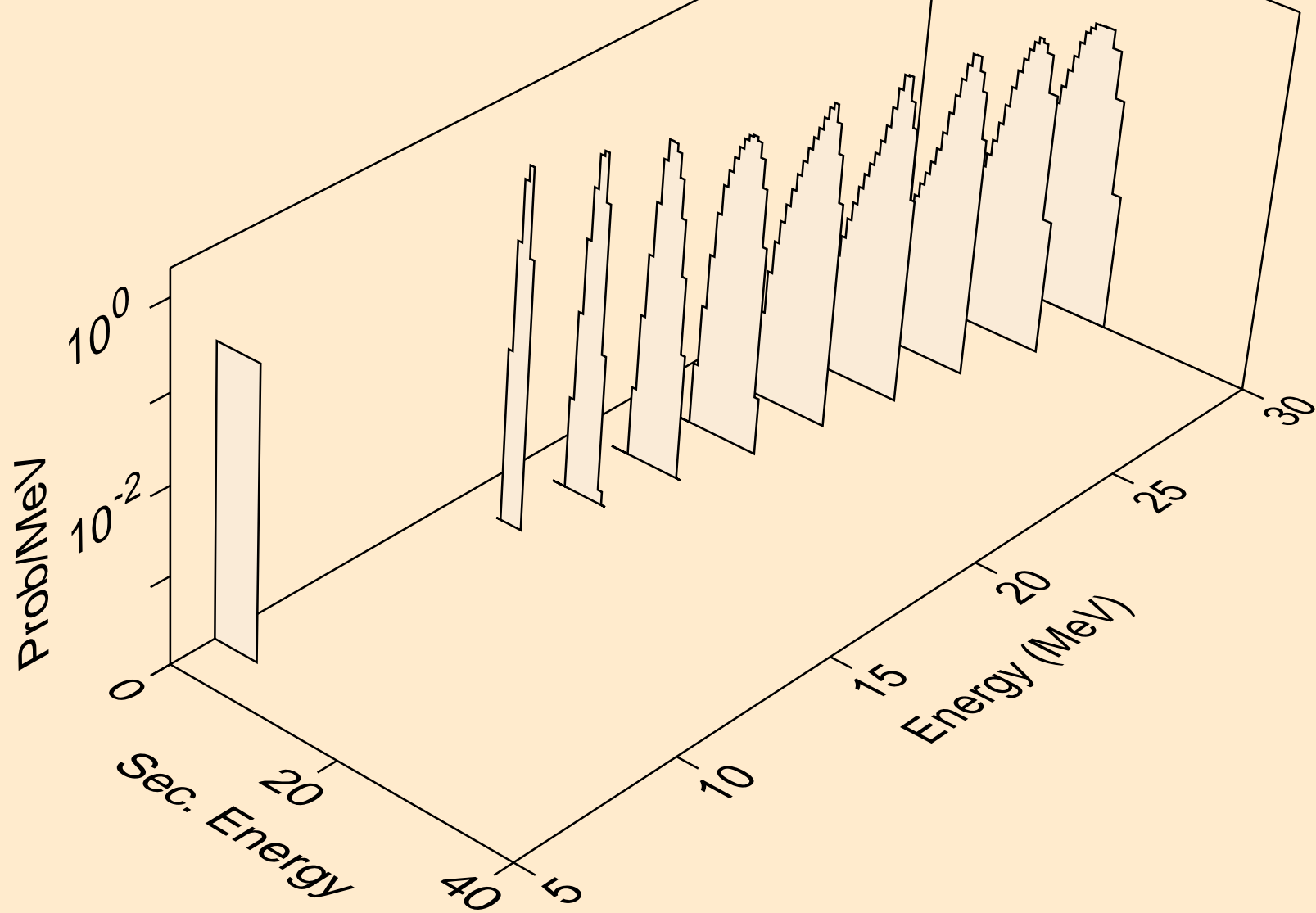
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



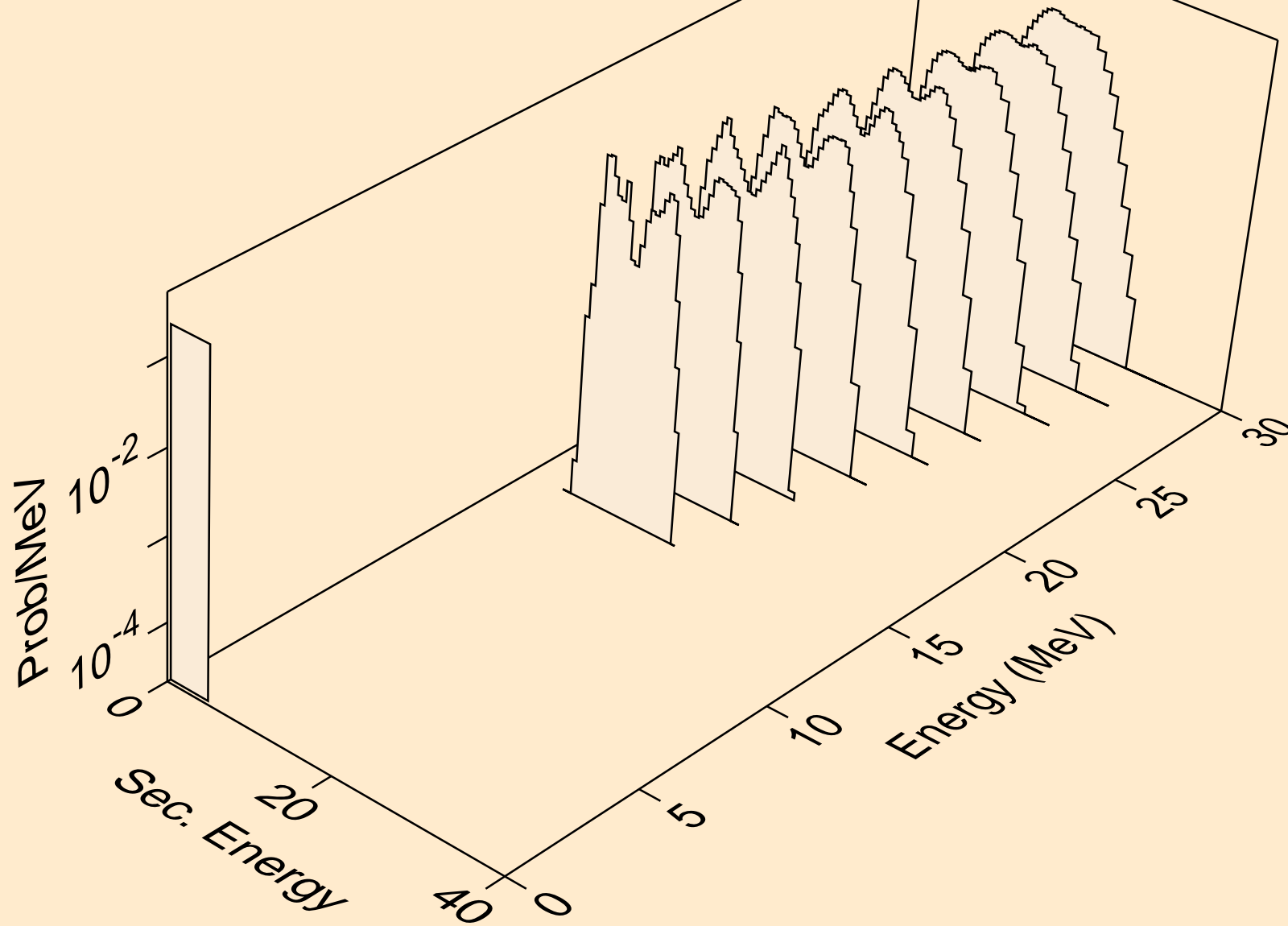
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



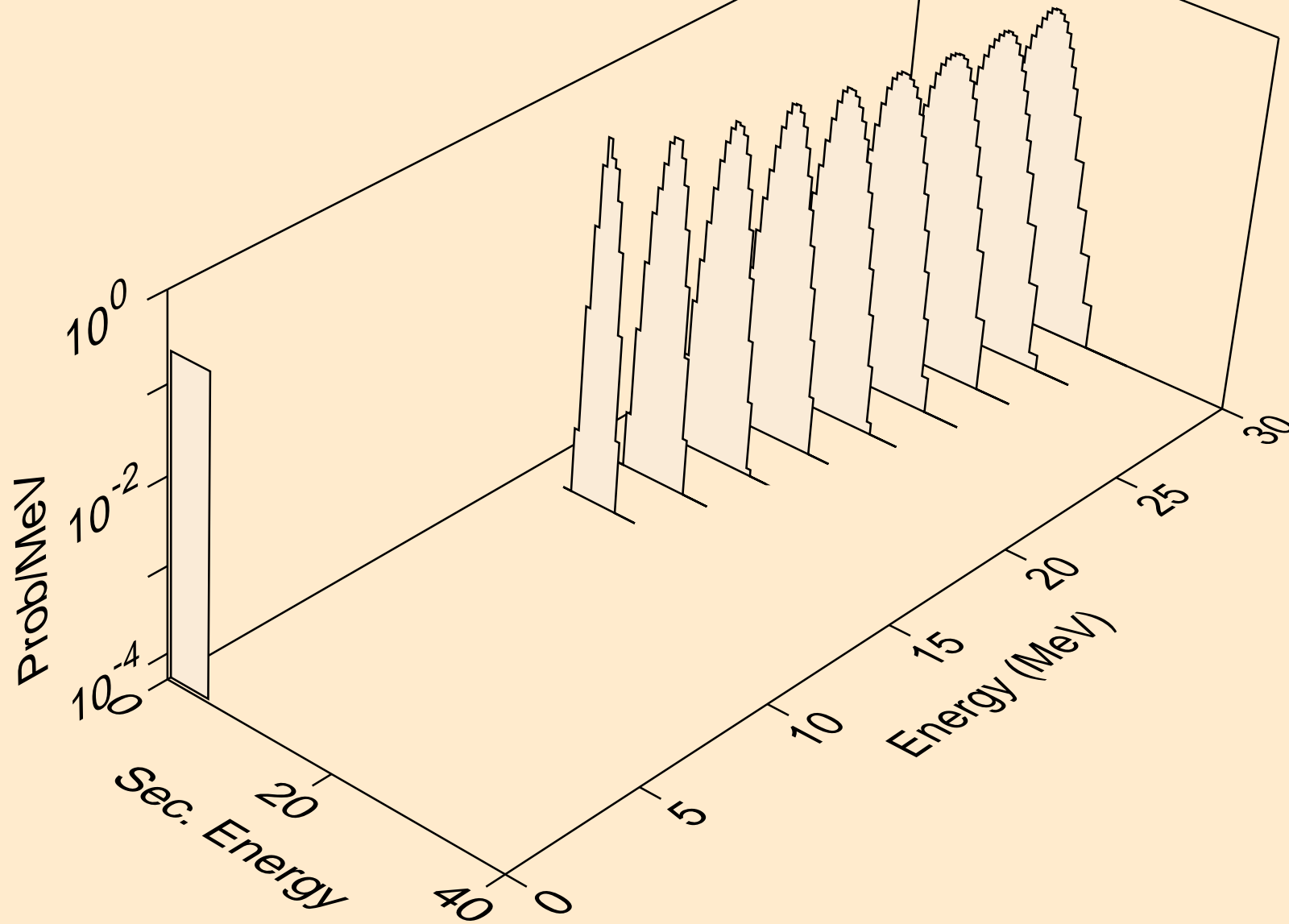
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



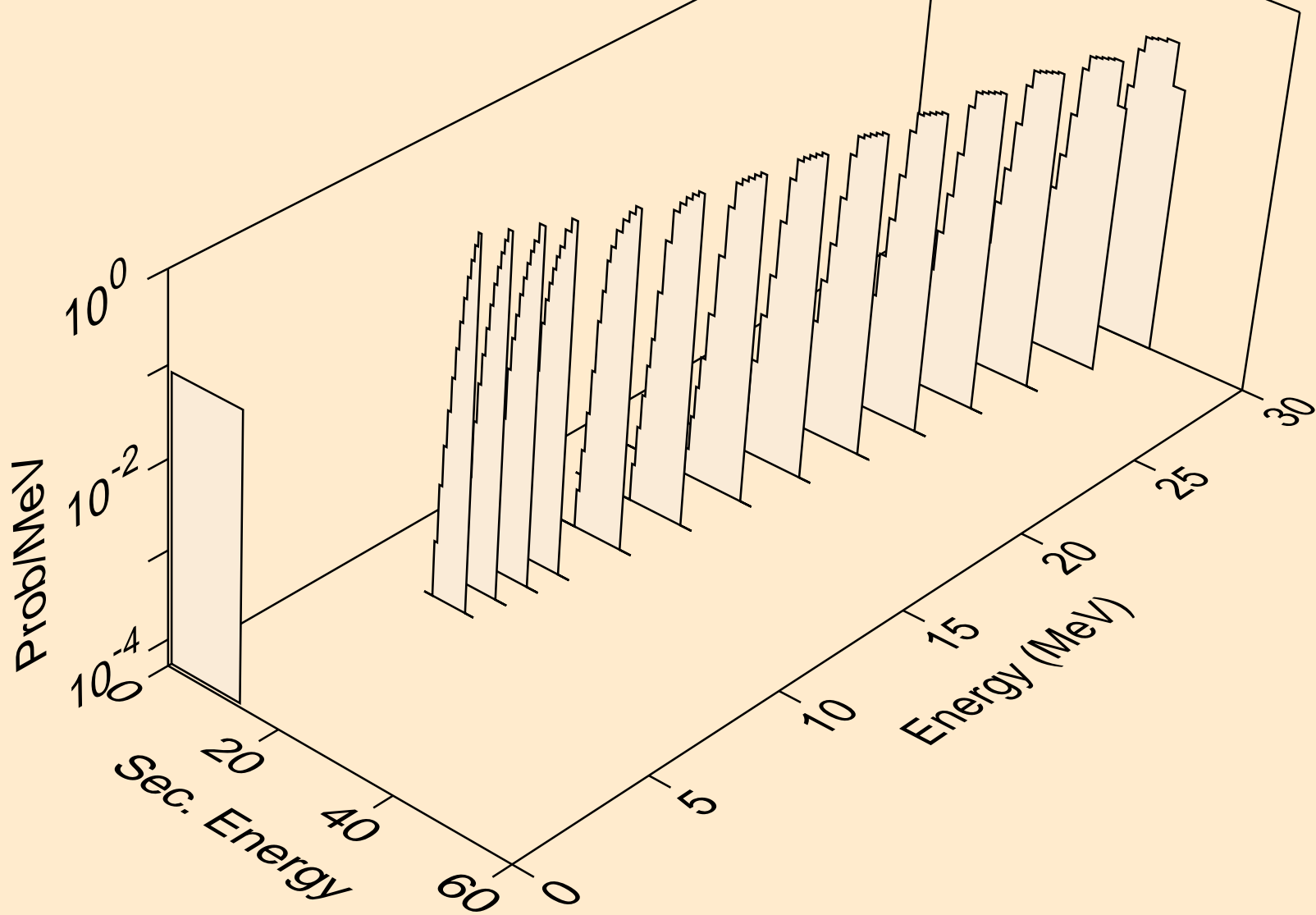
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



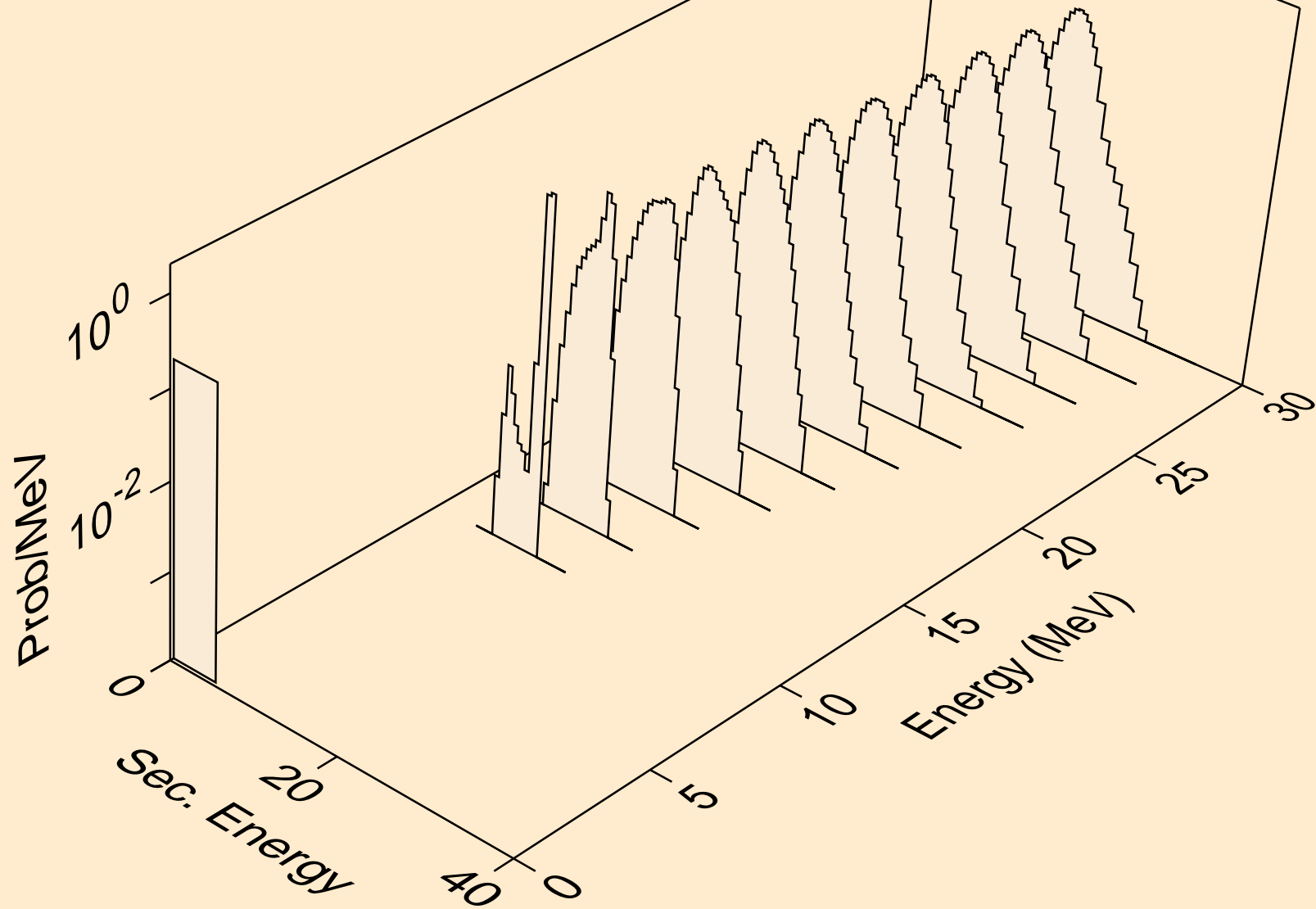
HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)





HF181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

