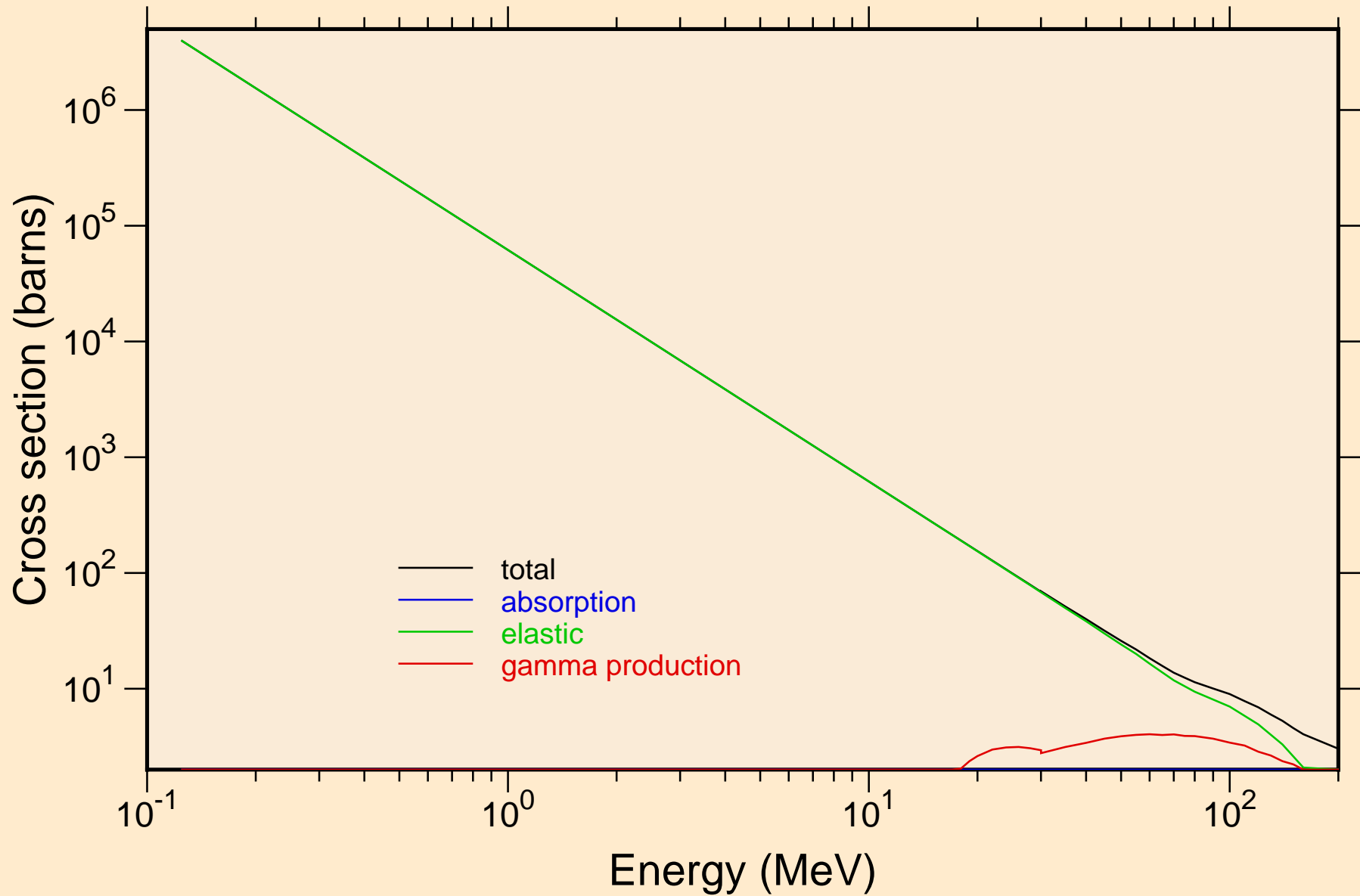
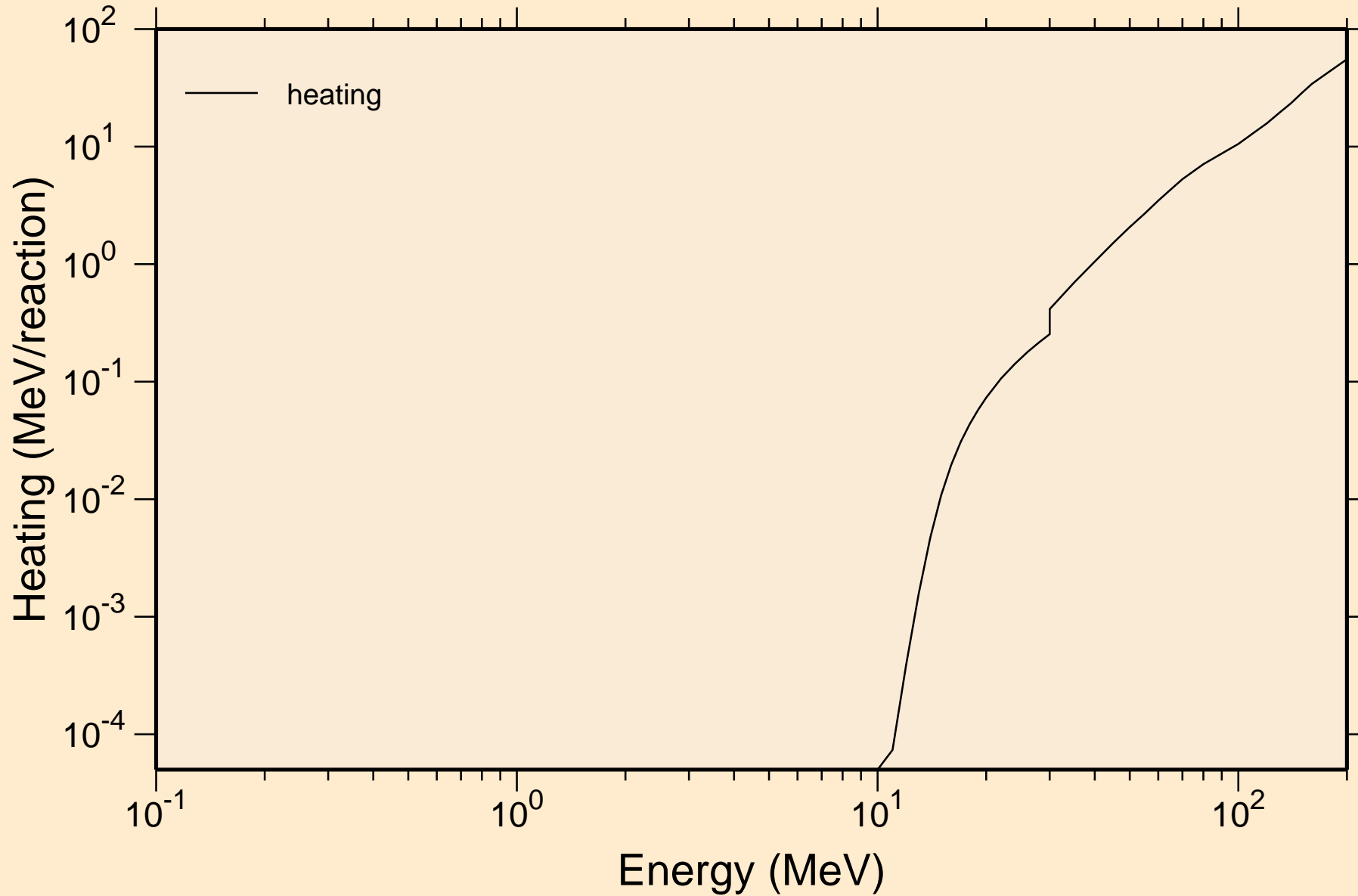


IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



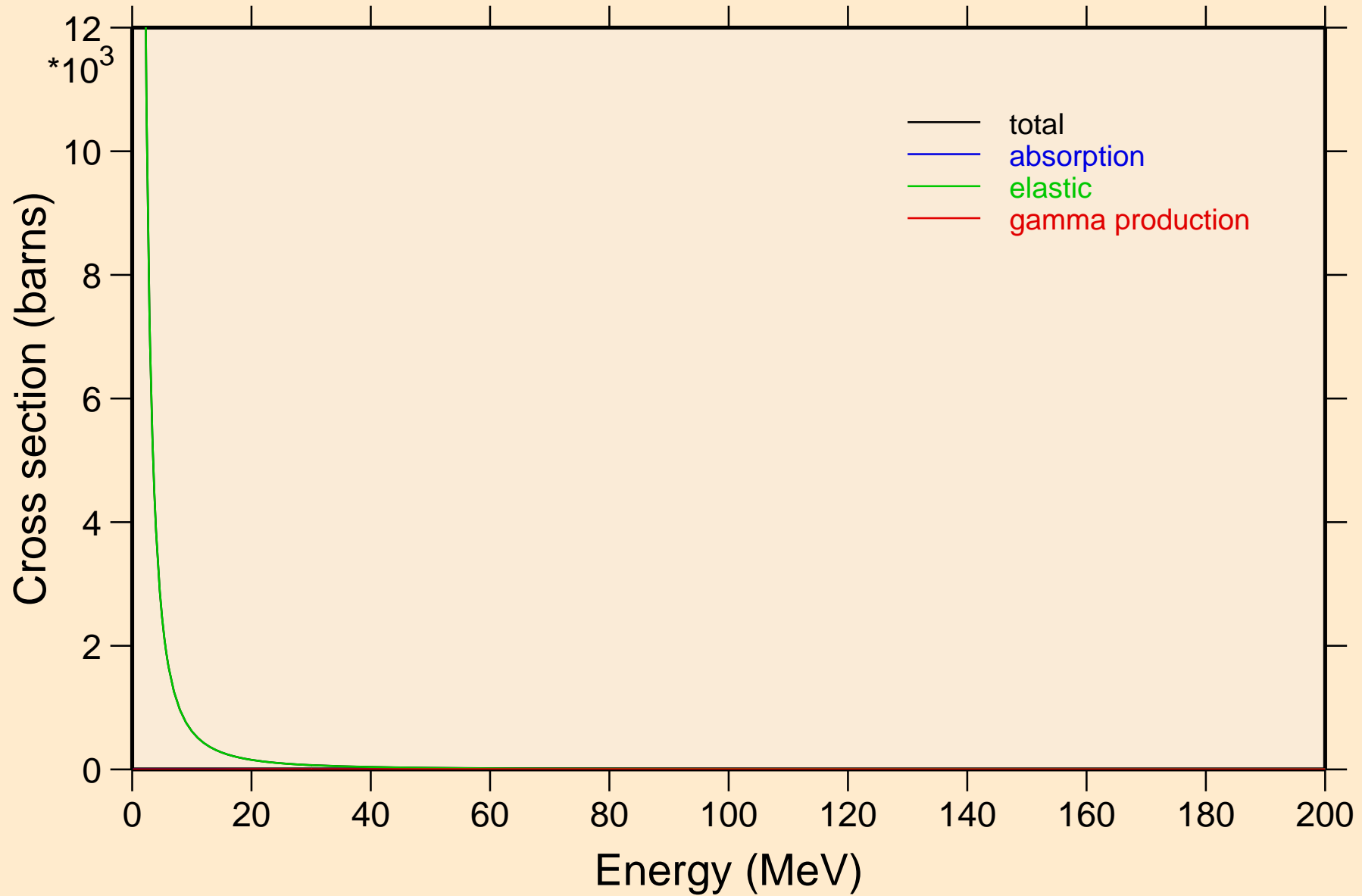
# IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



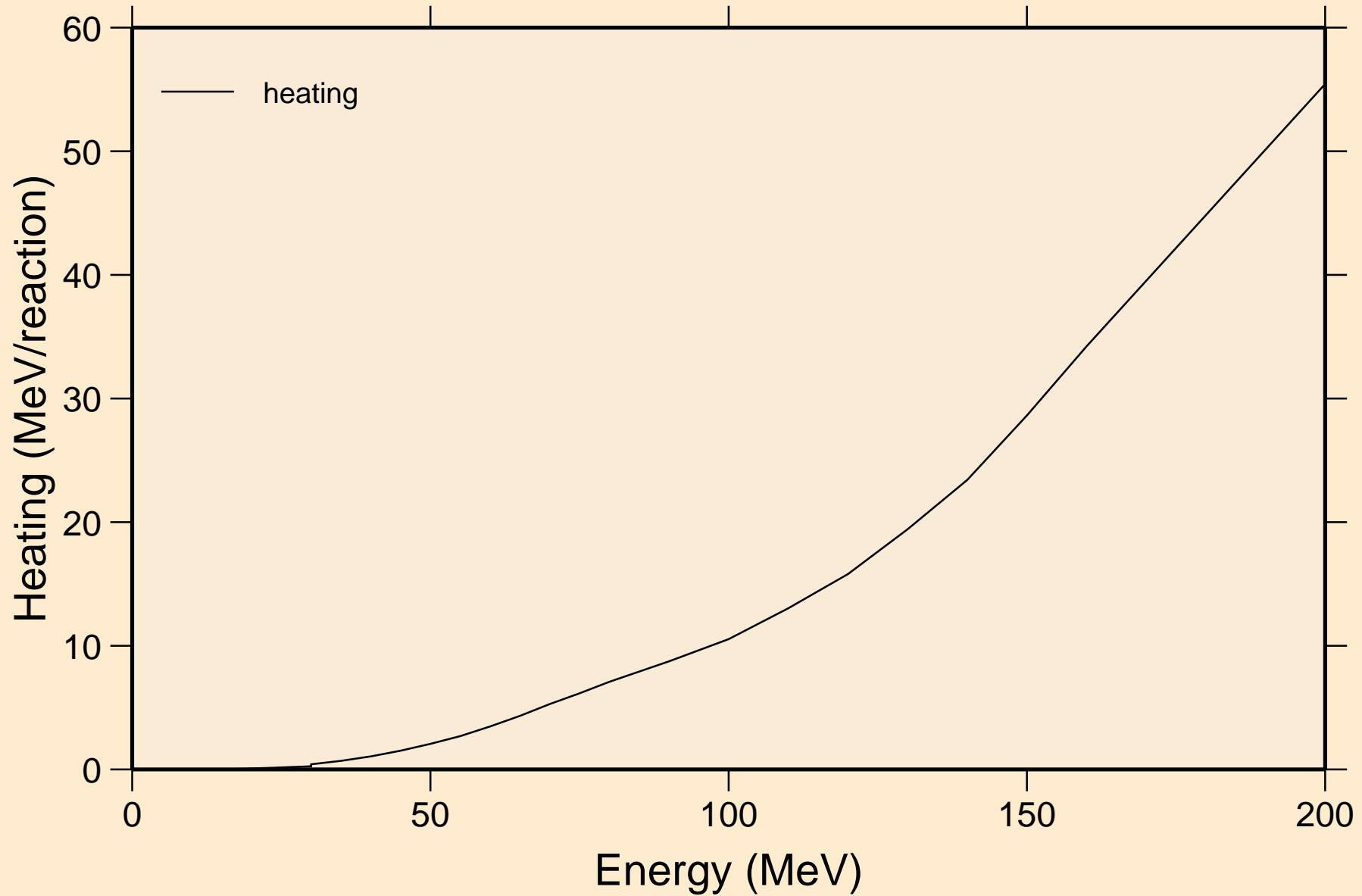
# IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



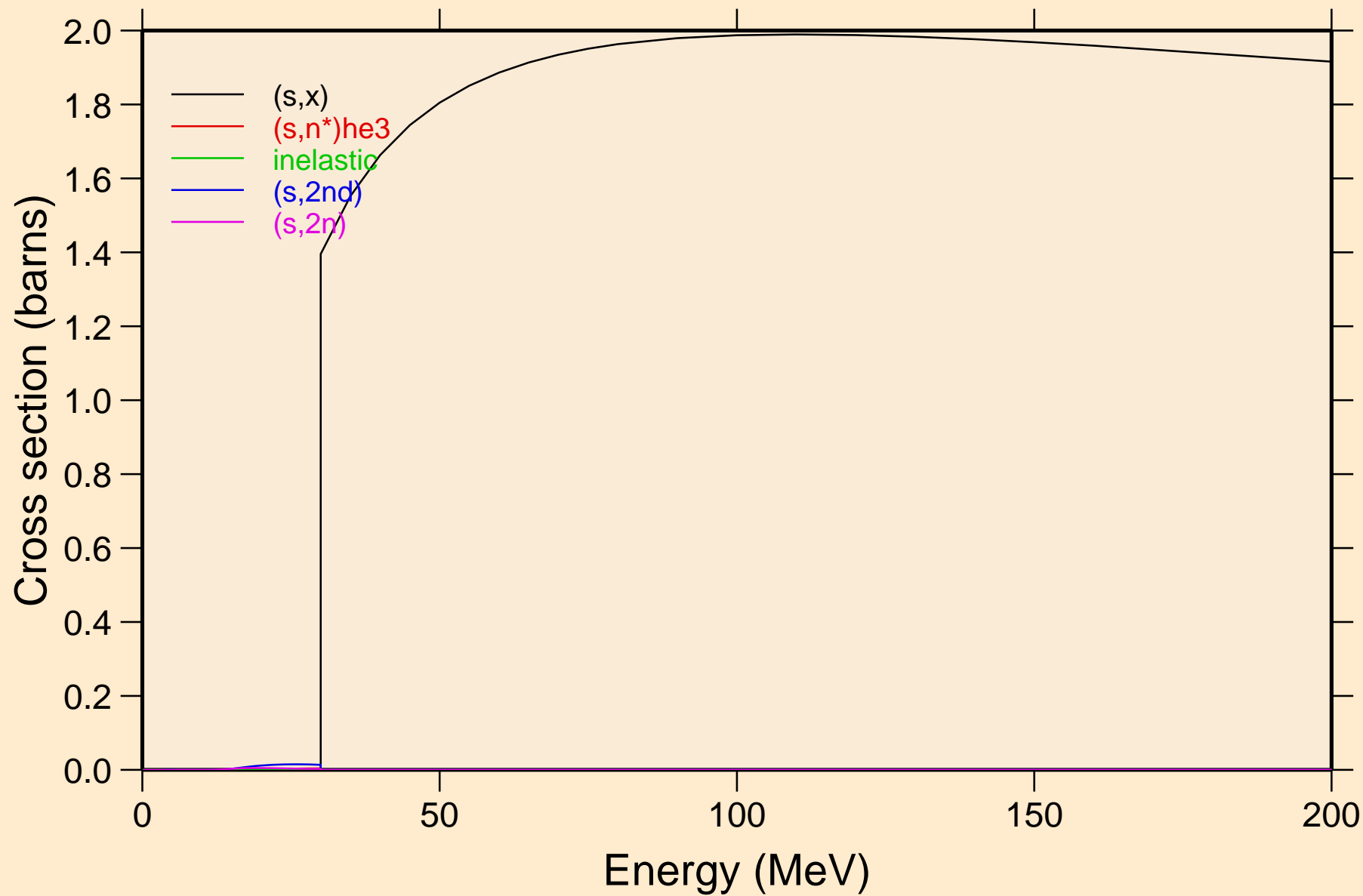
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating

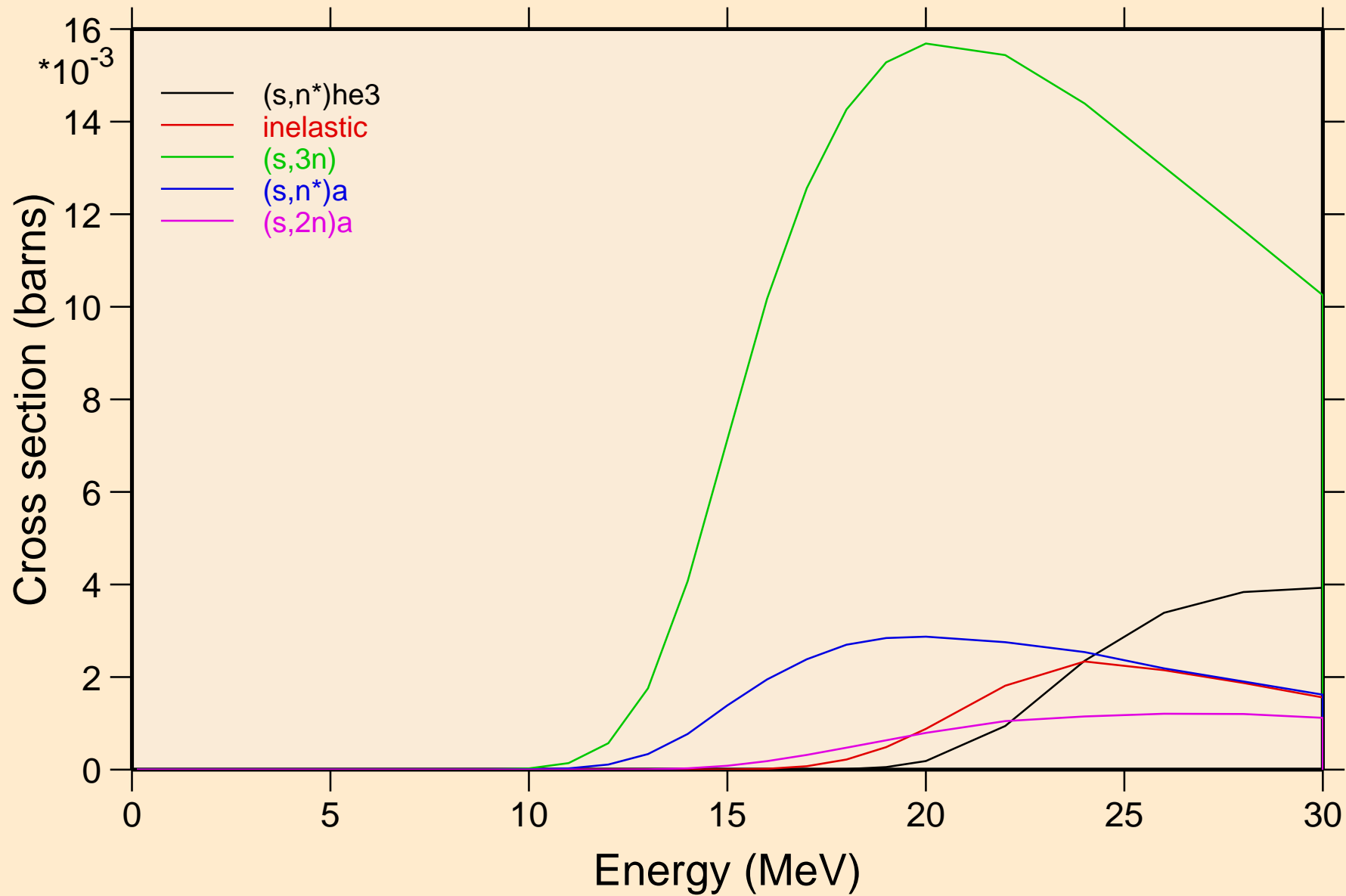


# IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

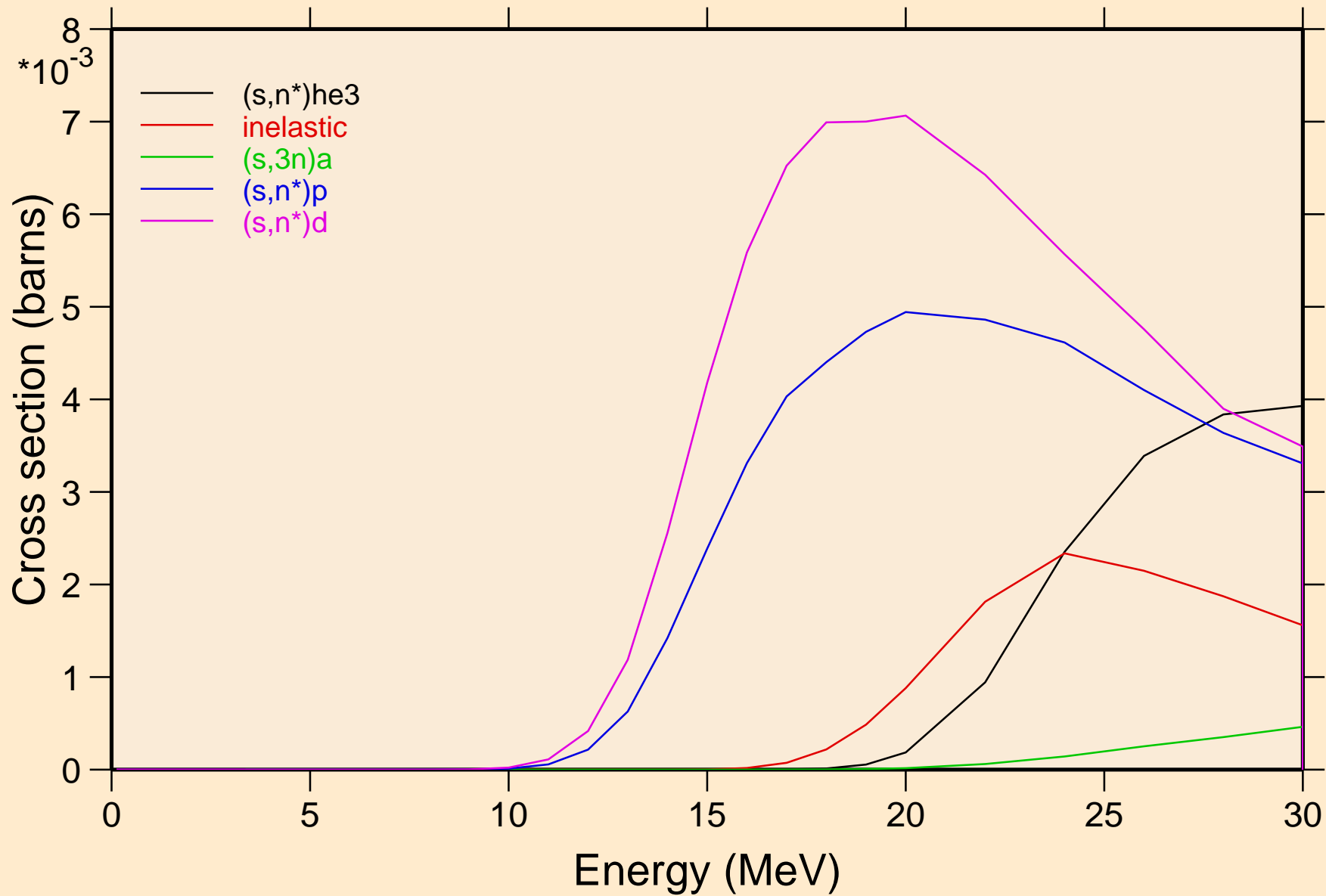


IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

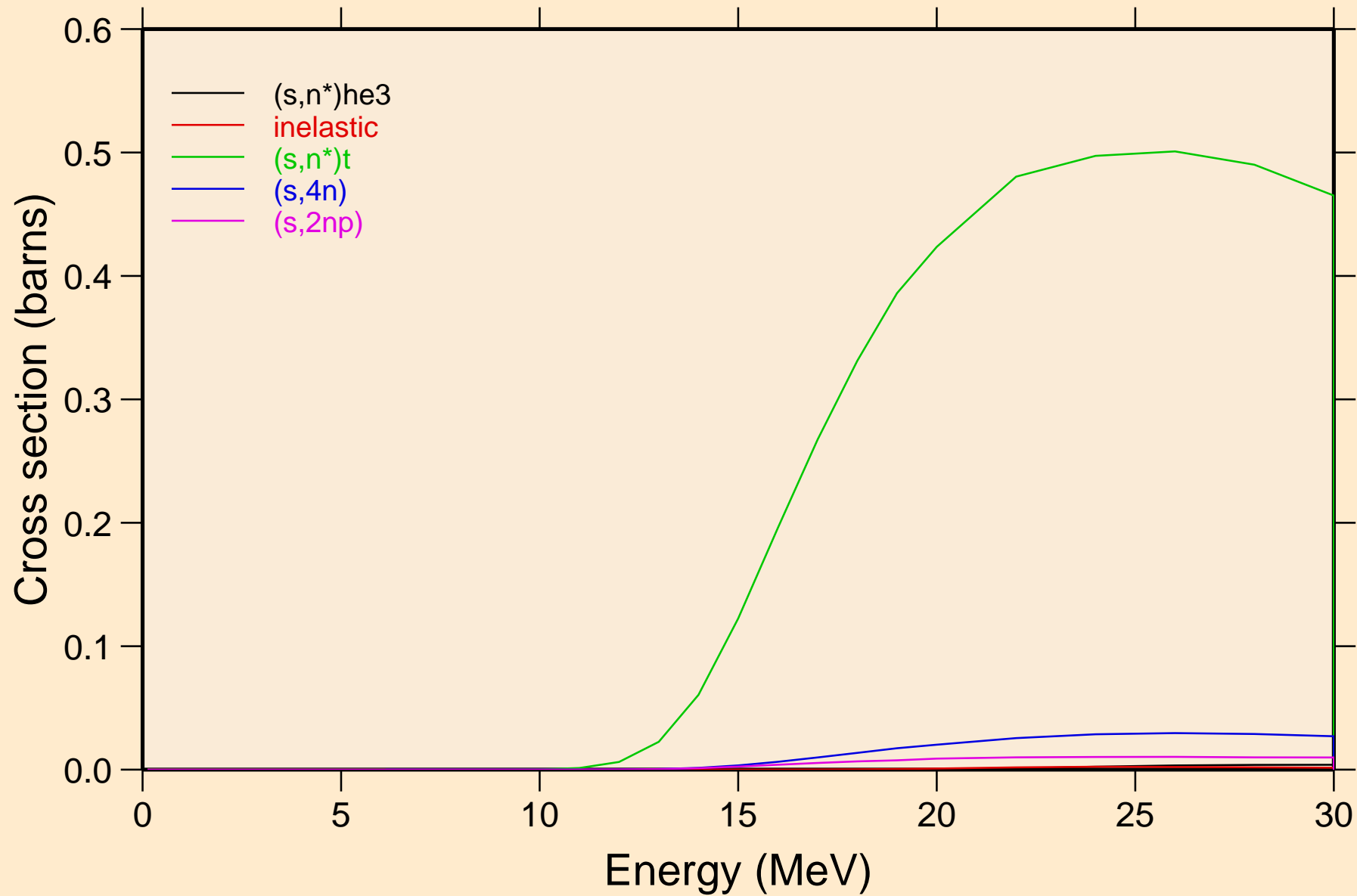


# IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

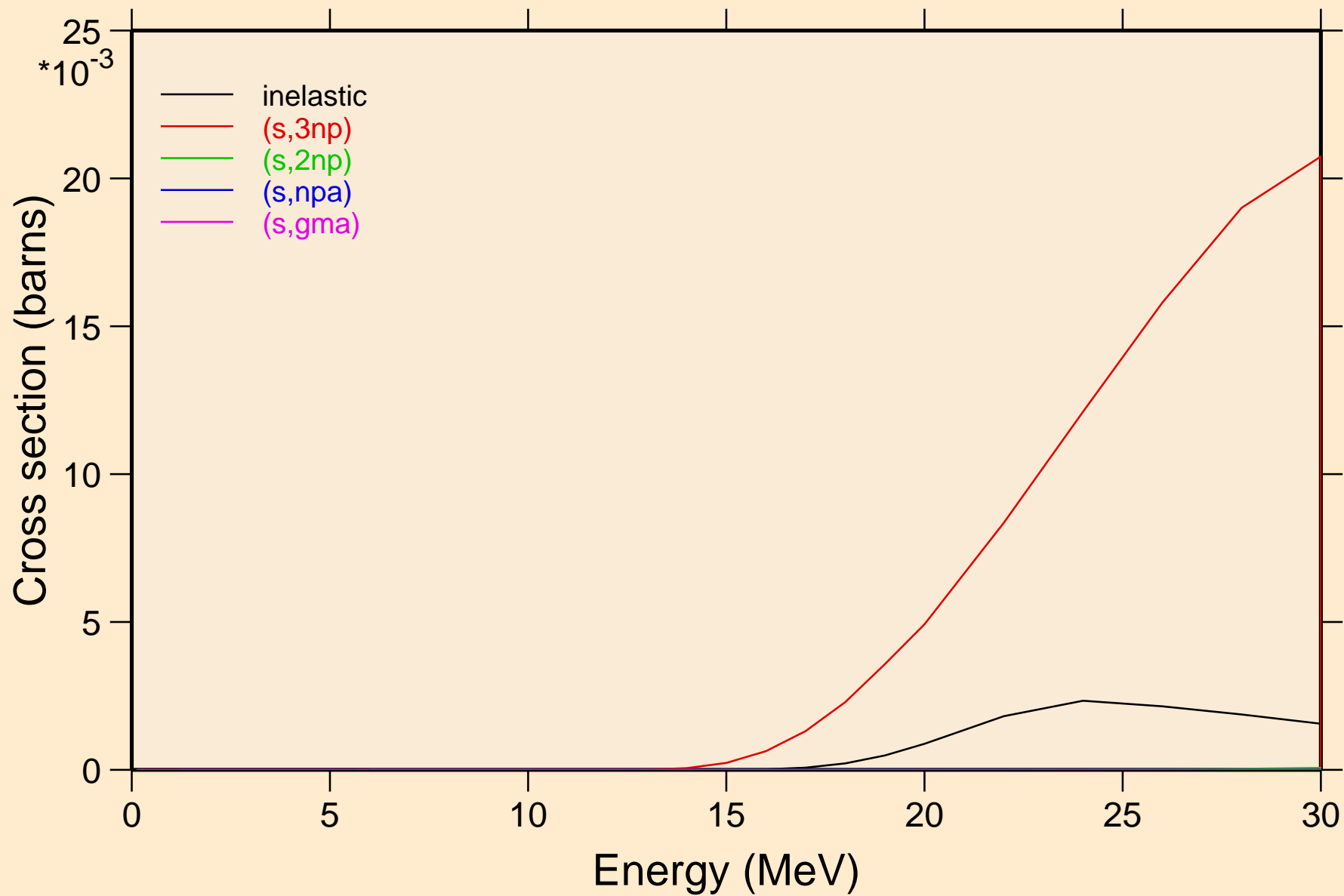


IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



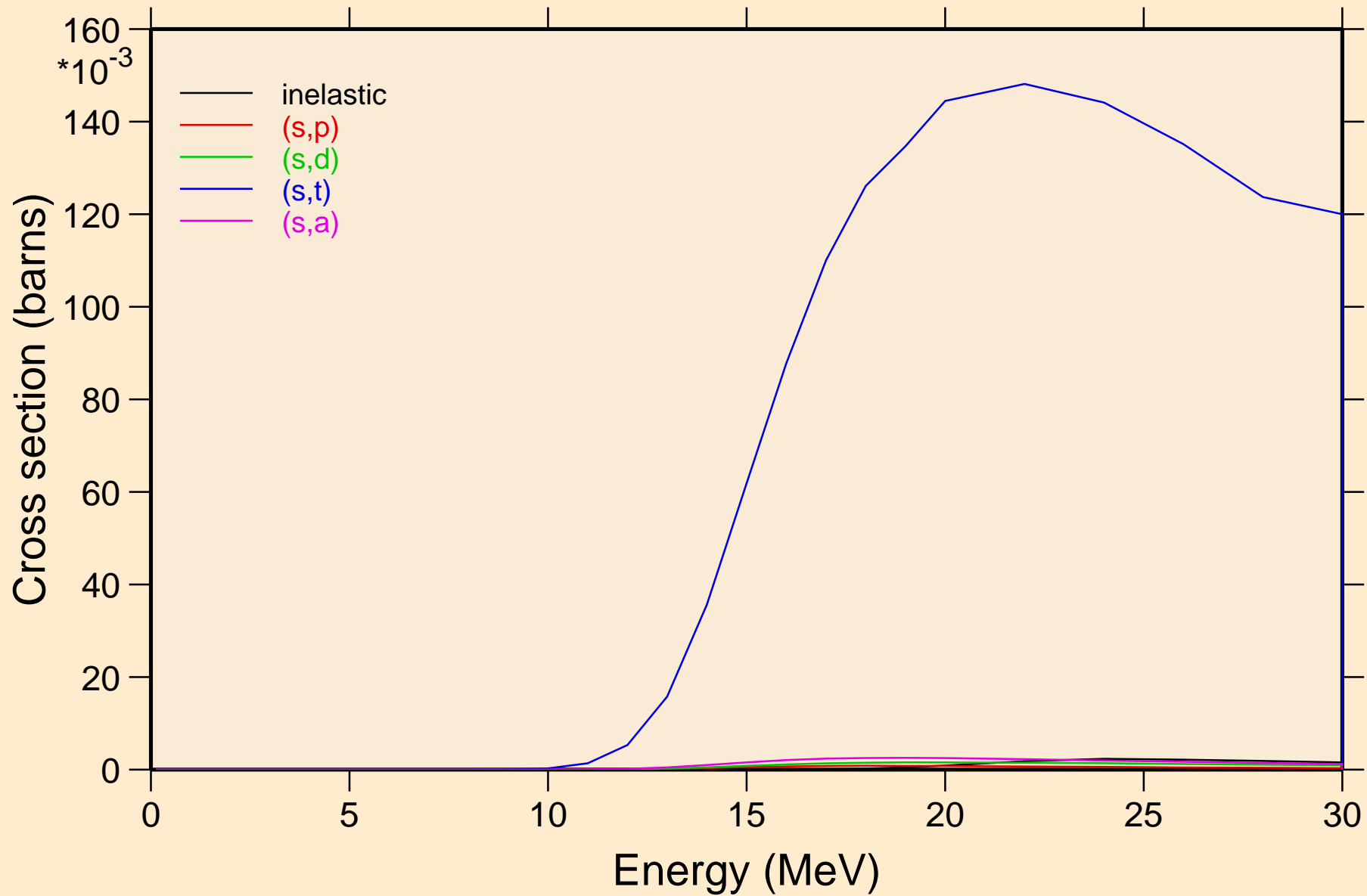


IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

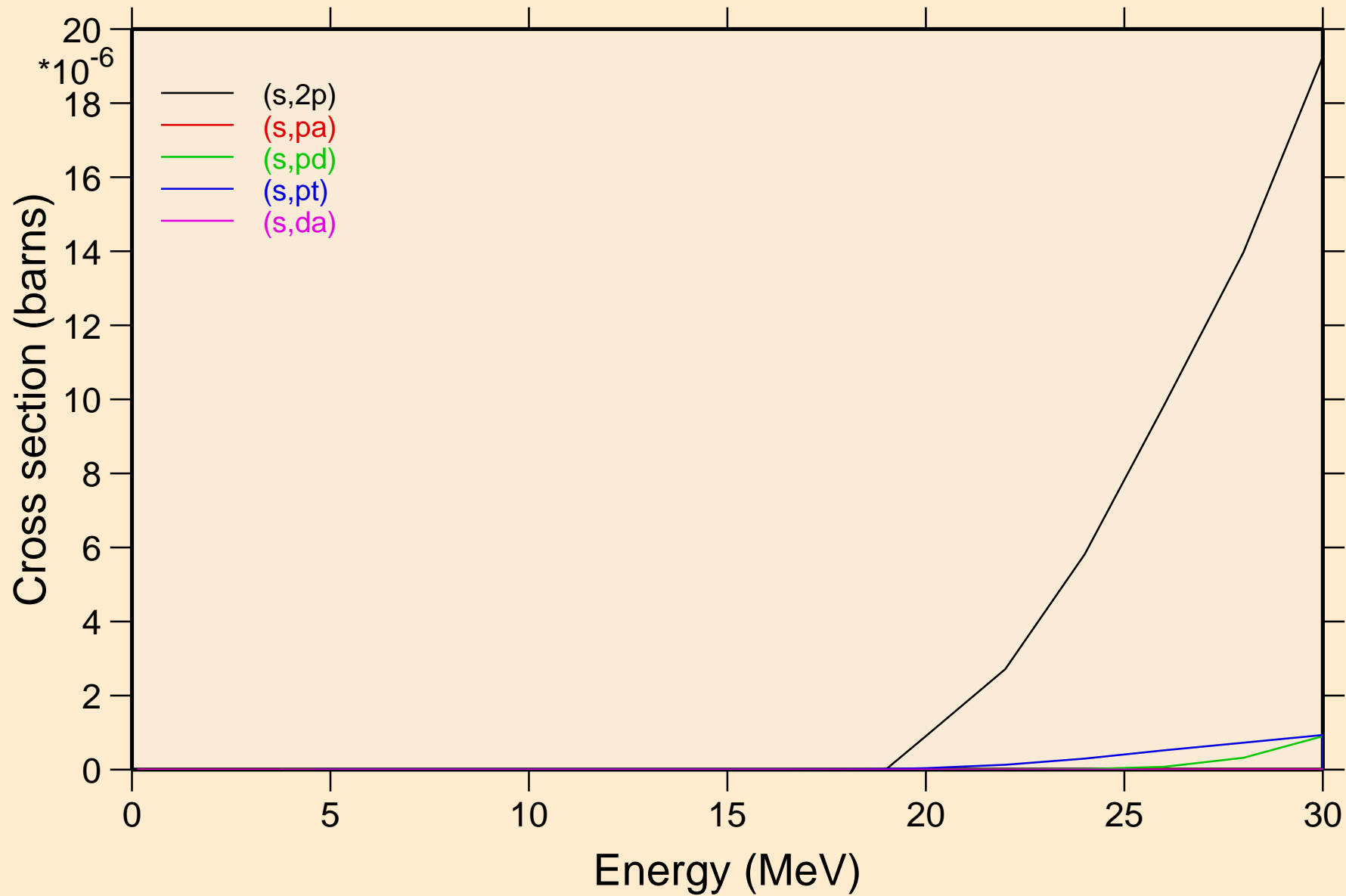


# IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K

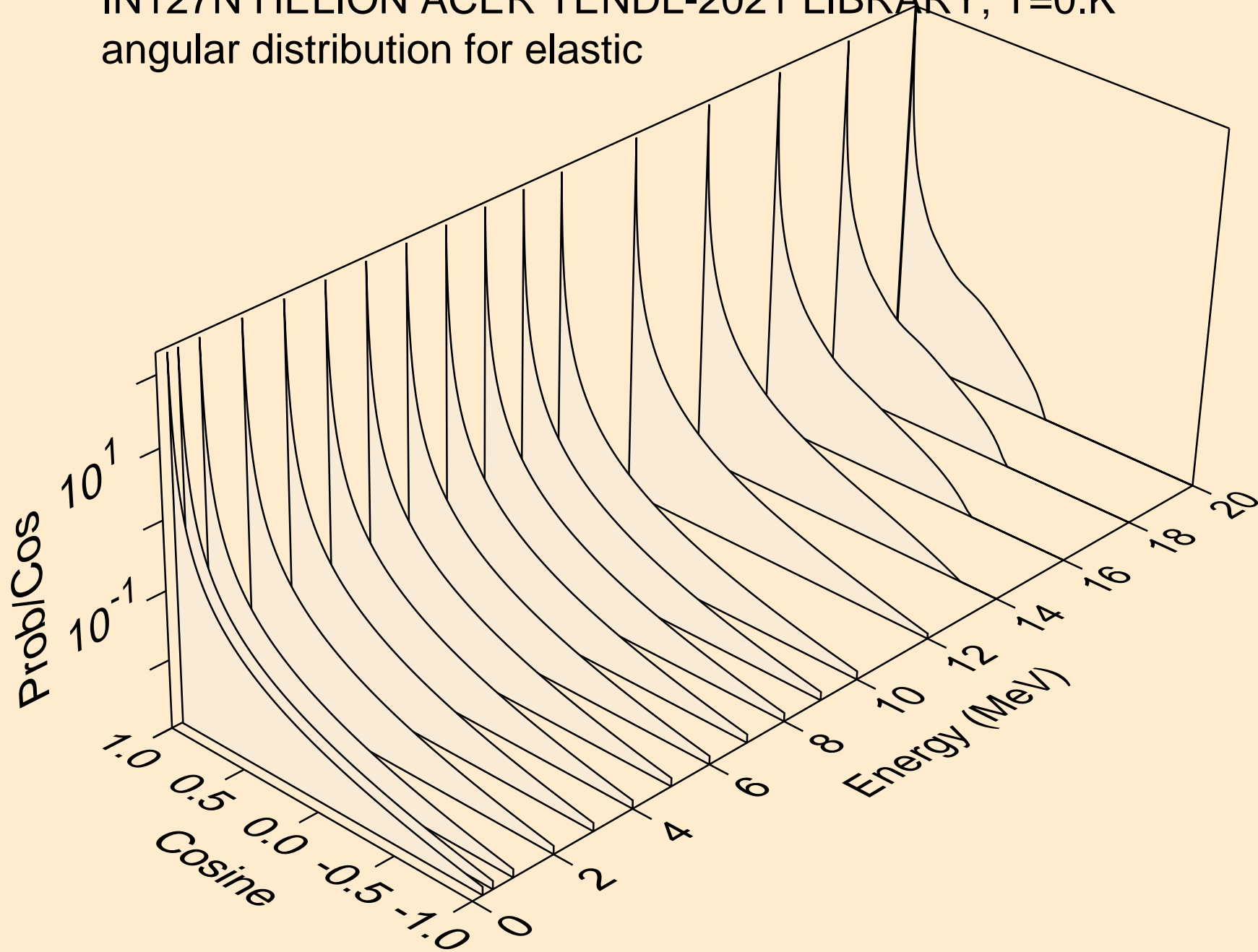
## Threshold reactions



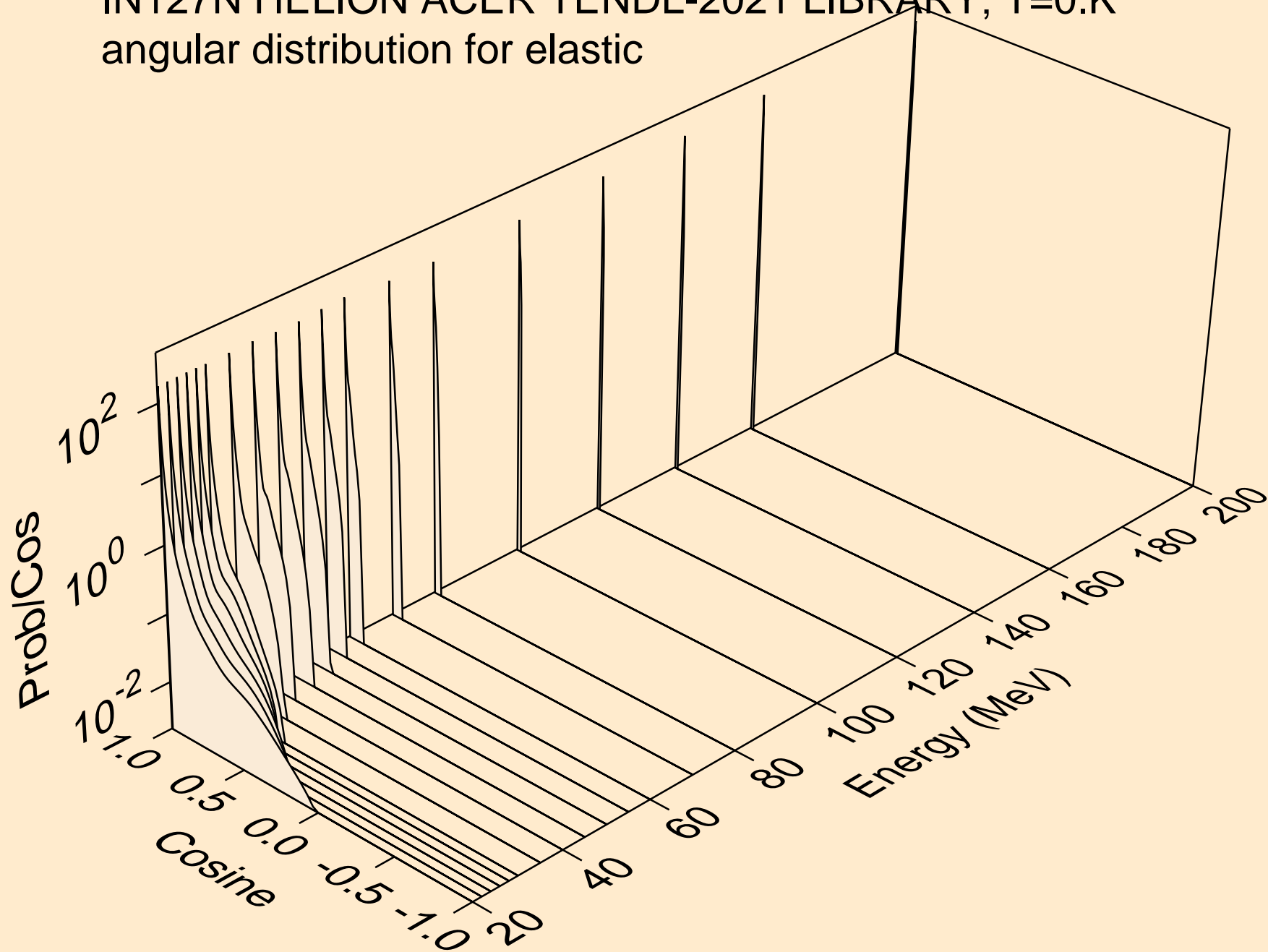
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



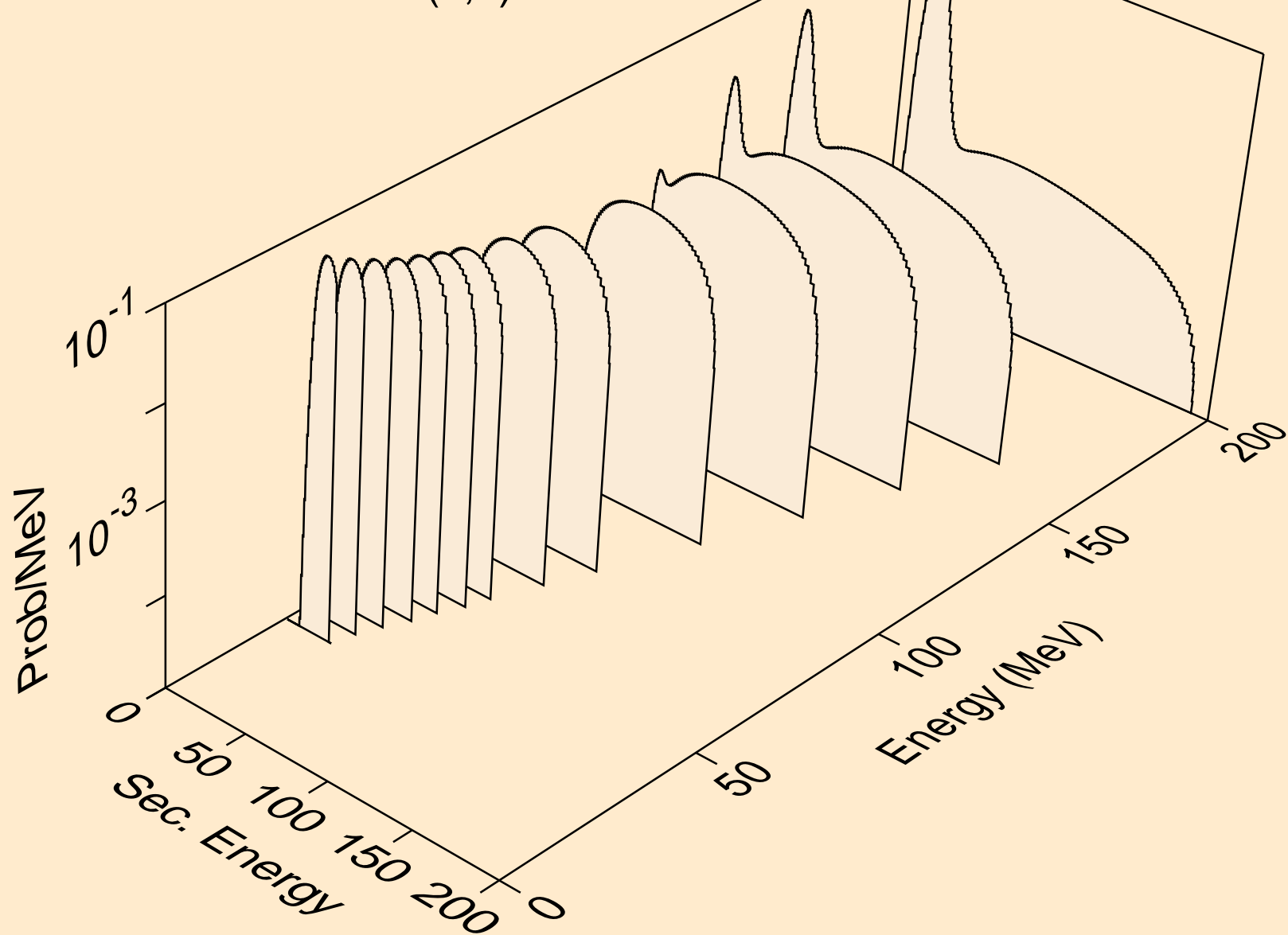
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



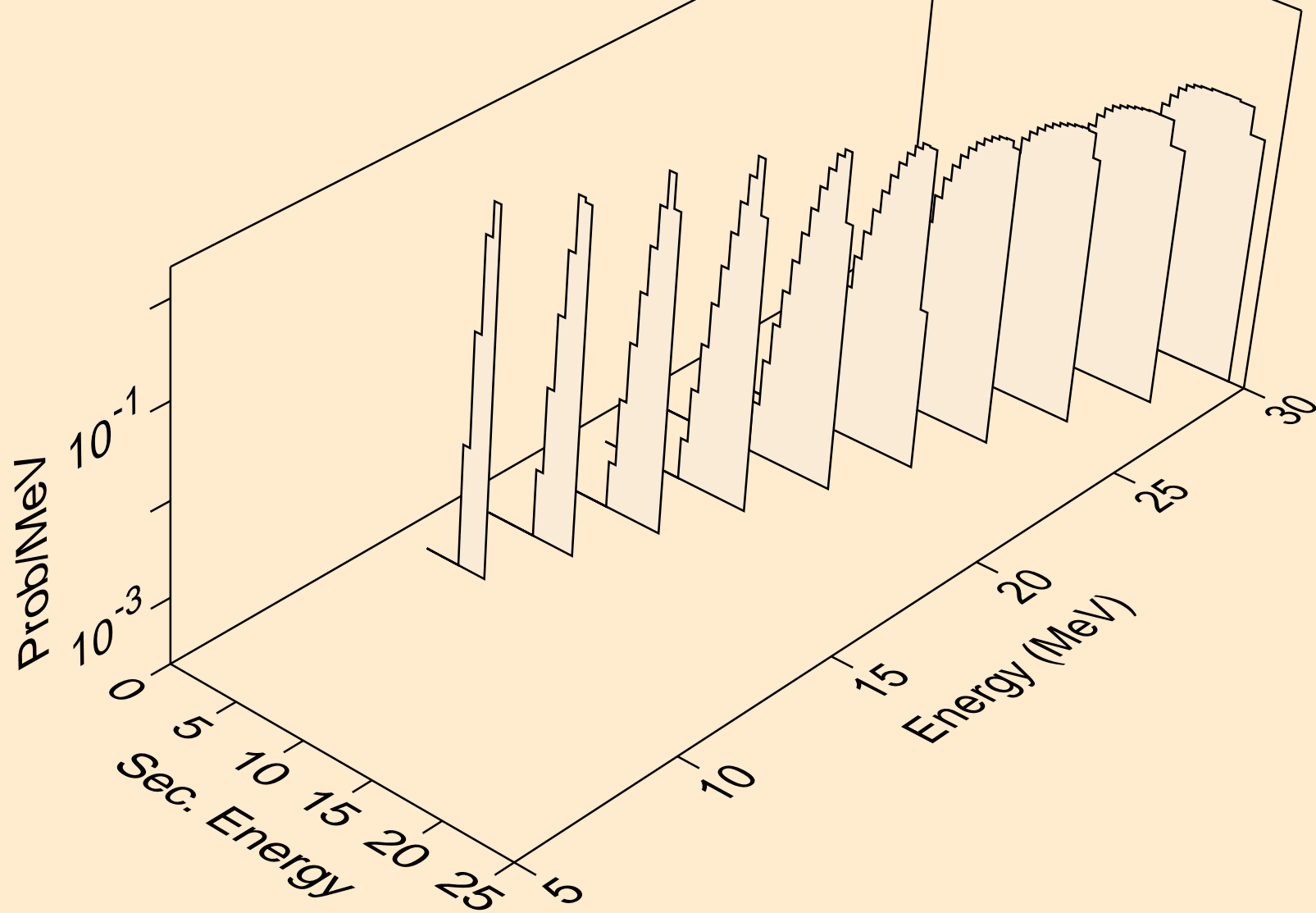
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



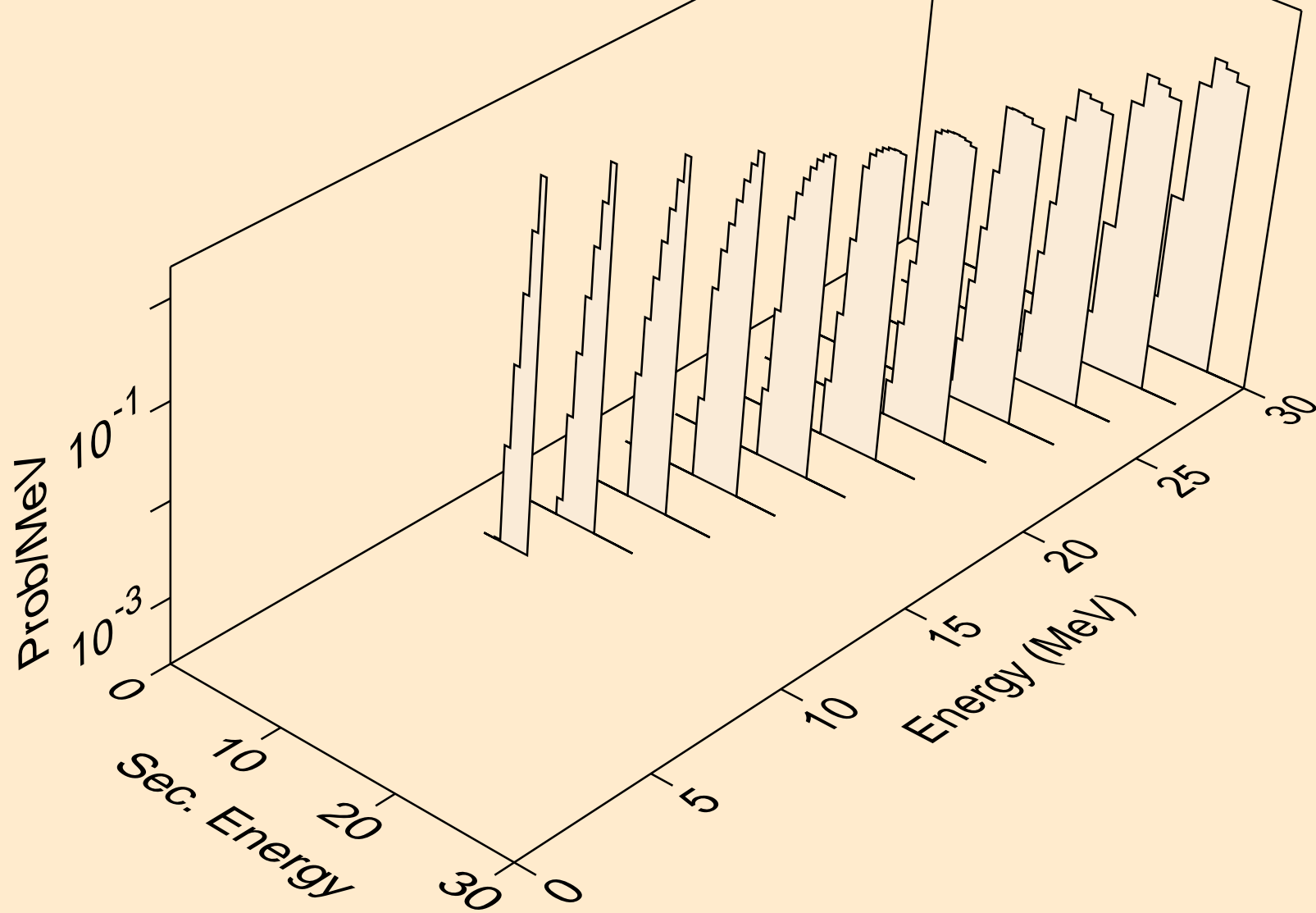
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

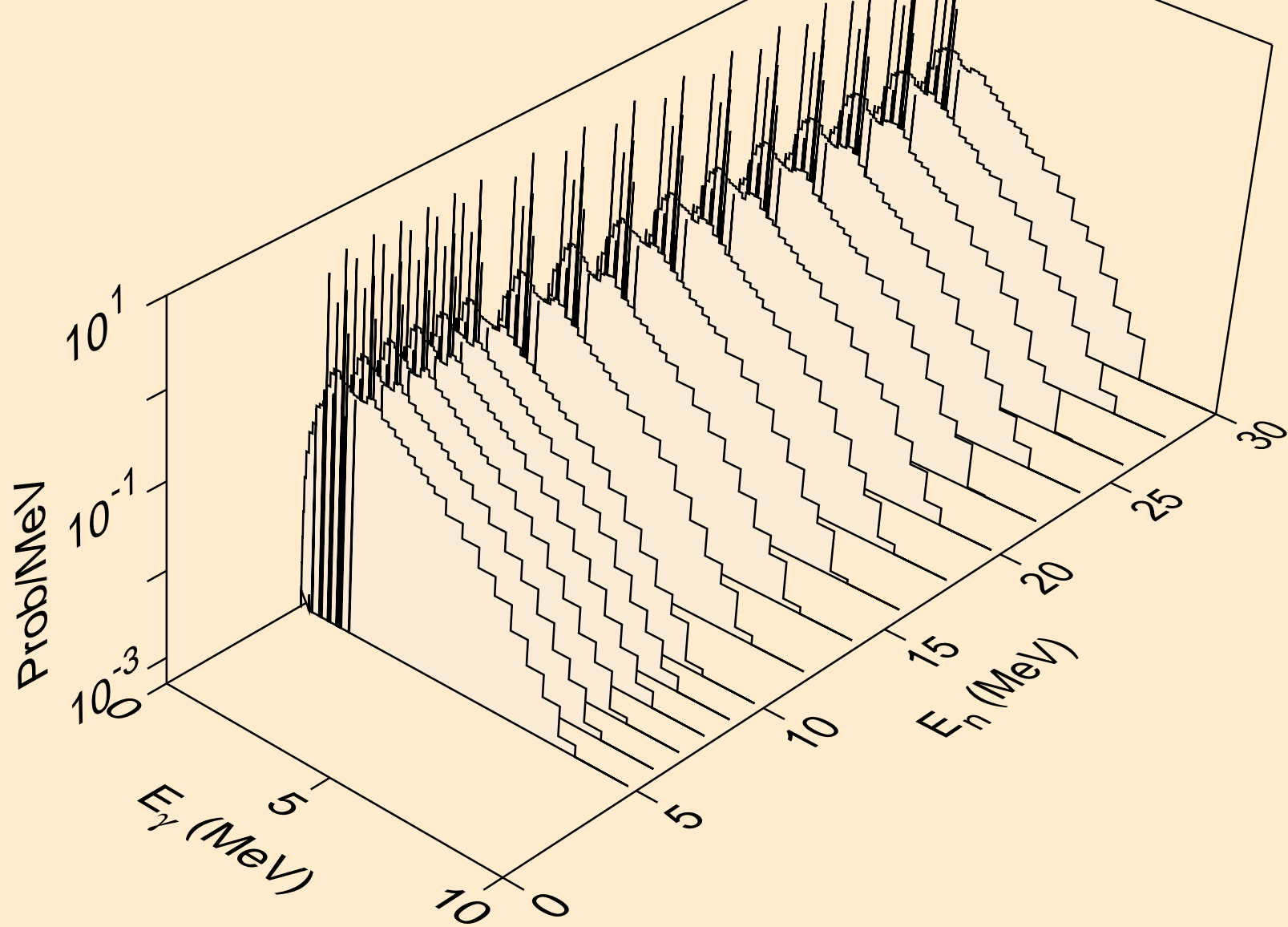


IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

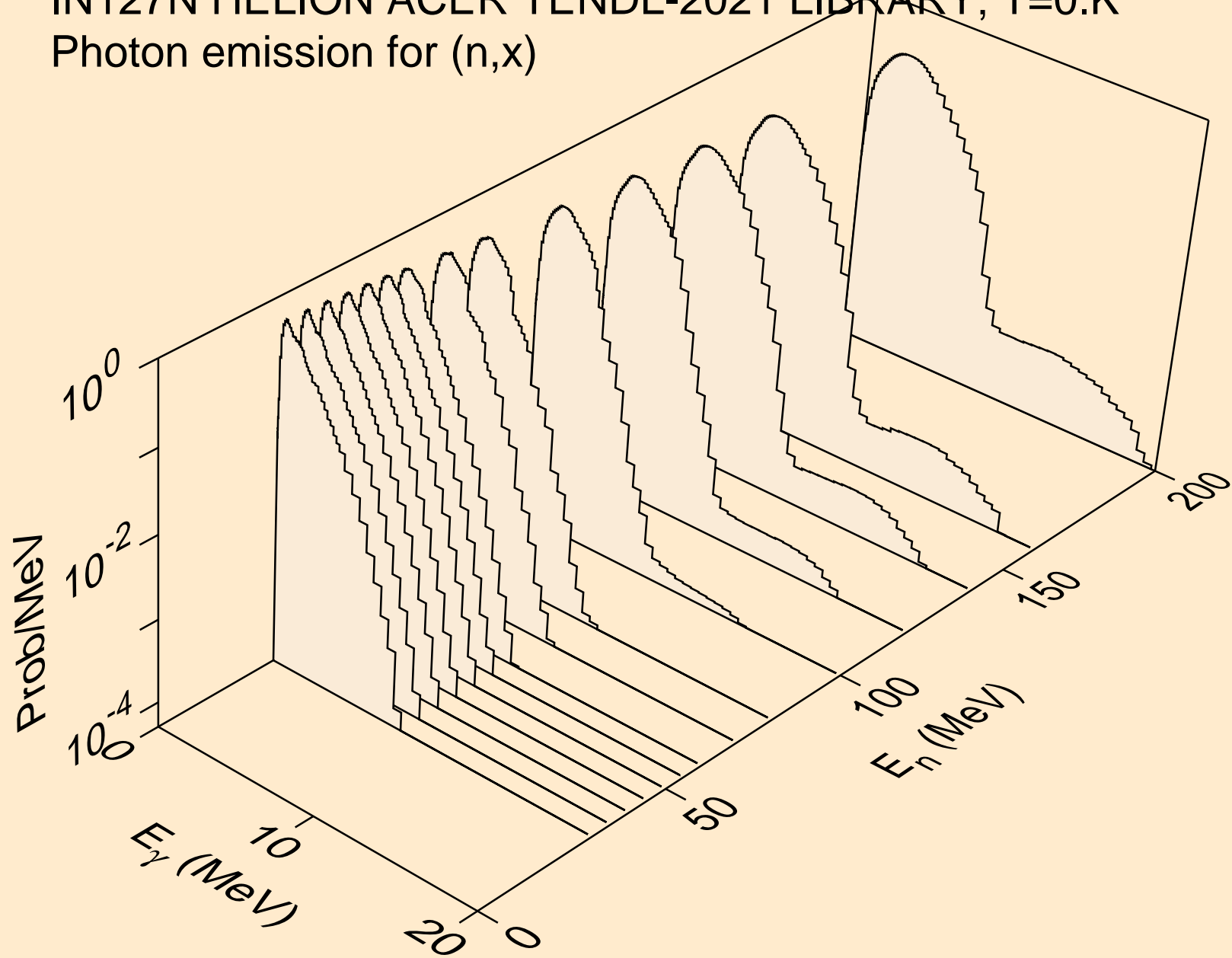




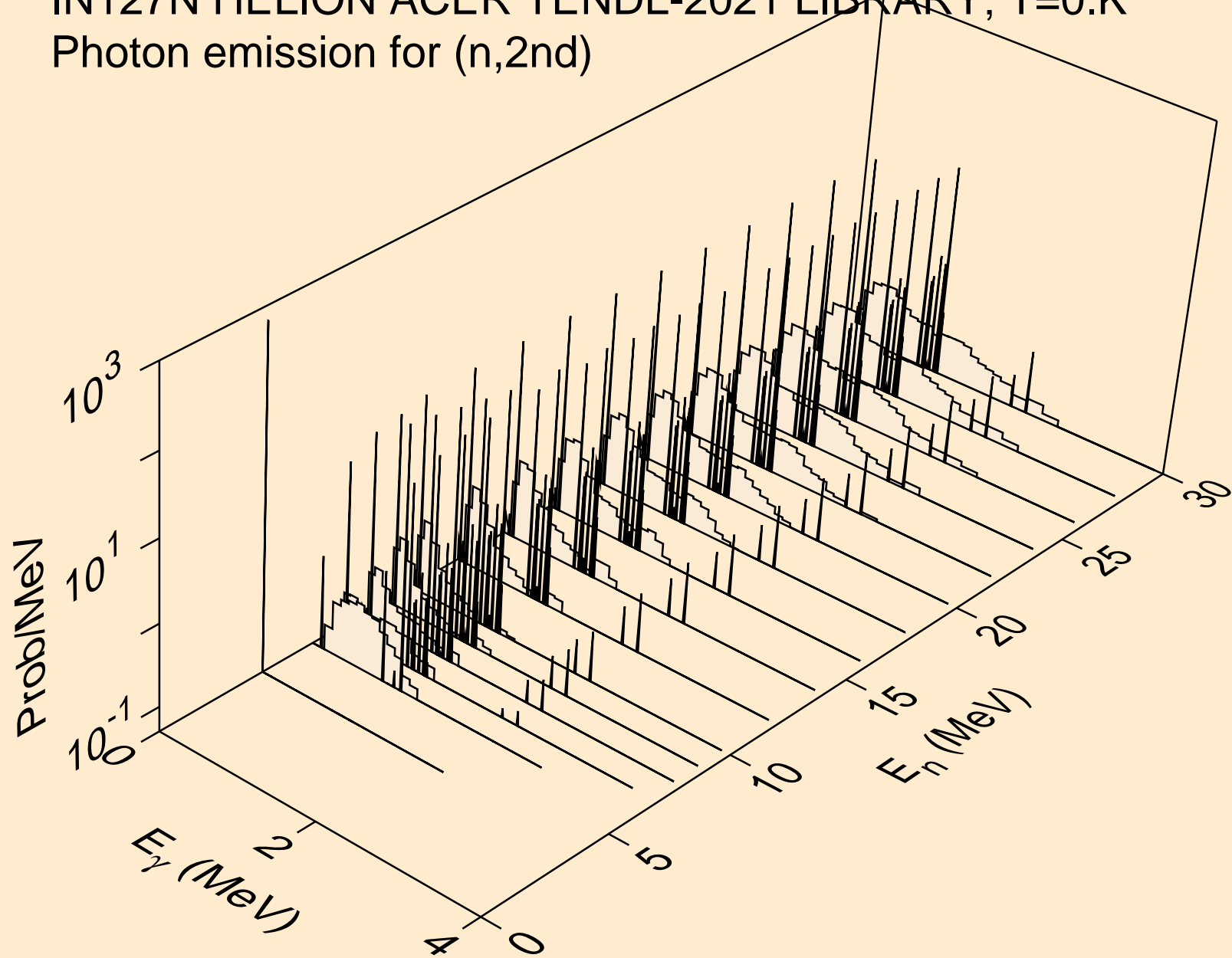
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



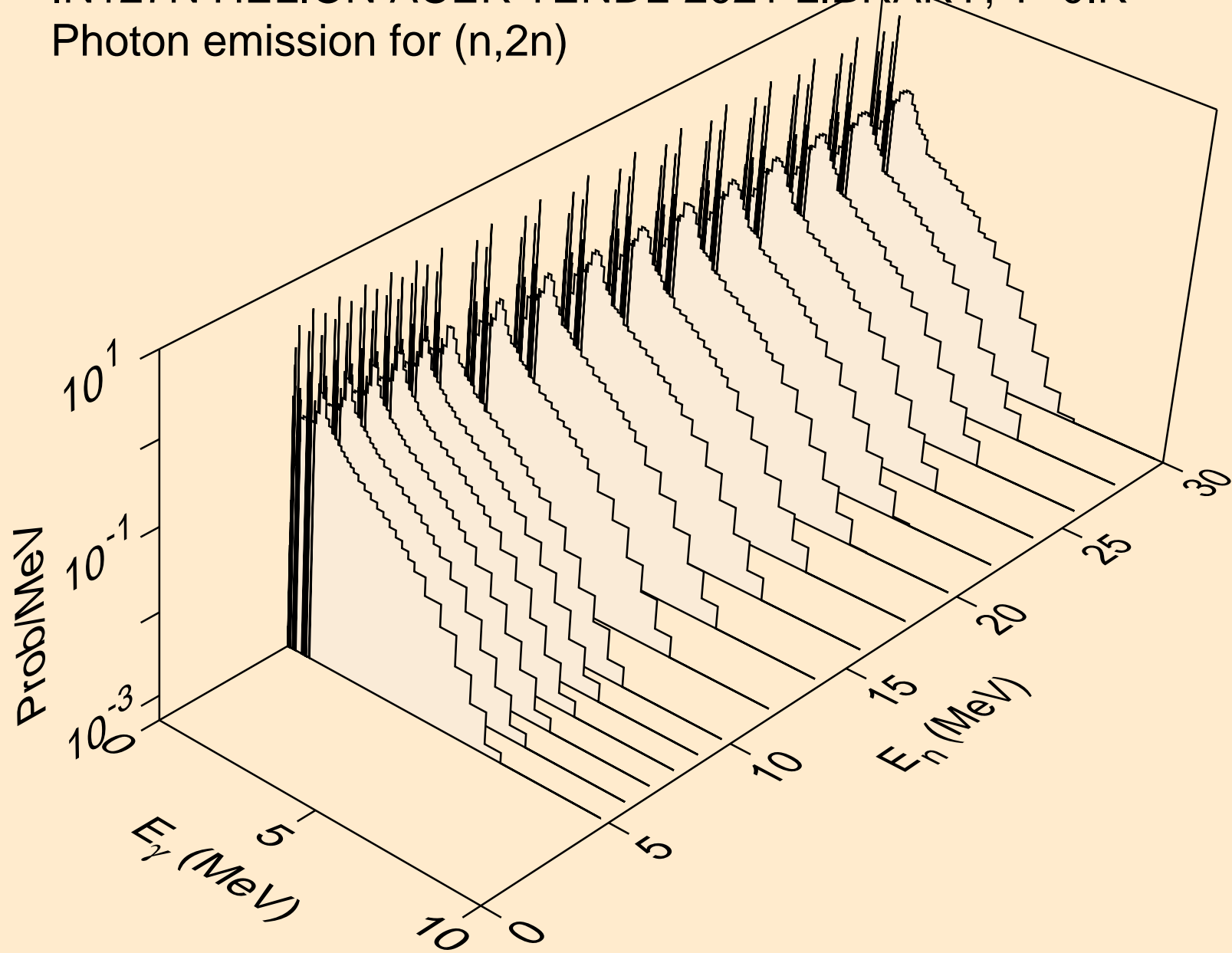
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



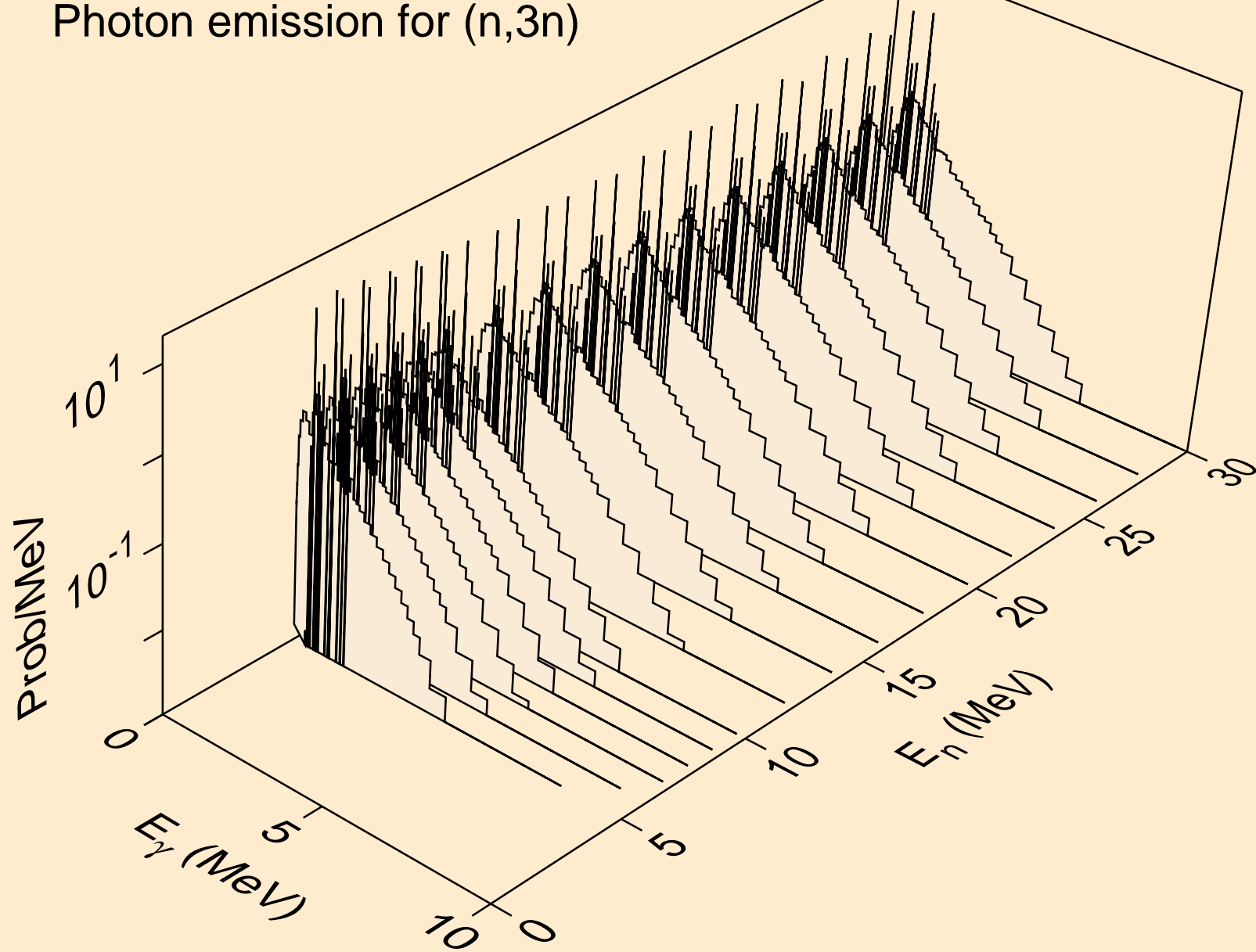
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



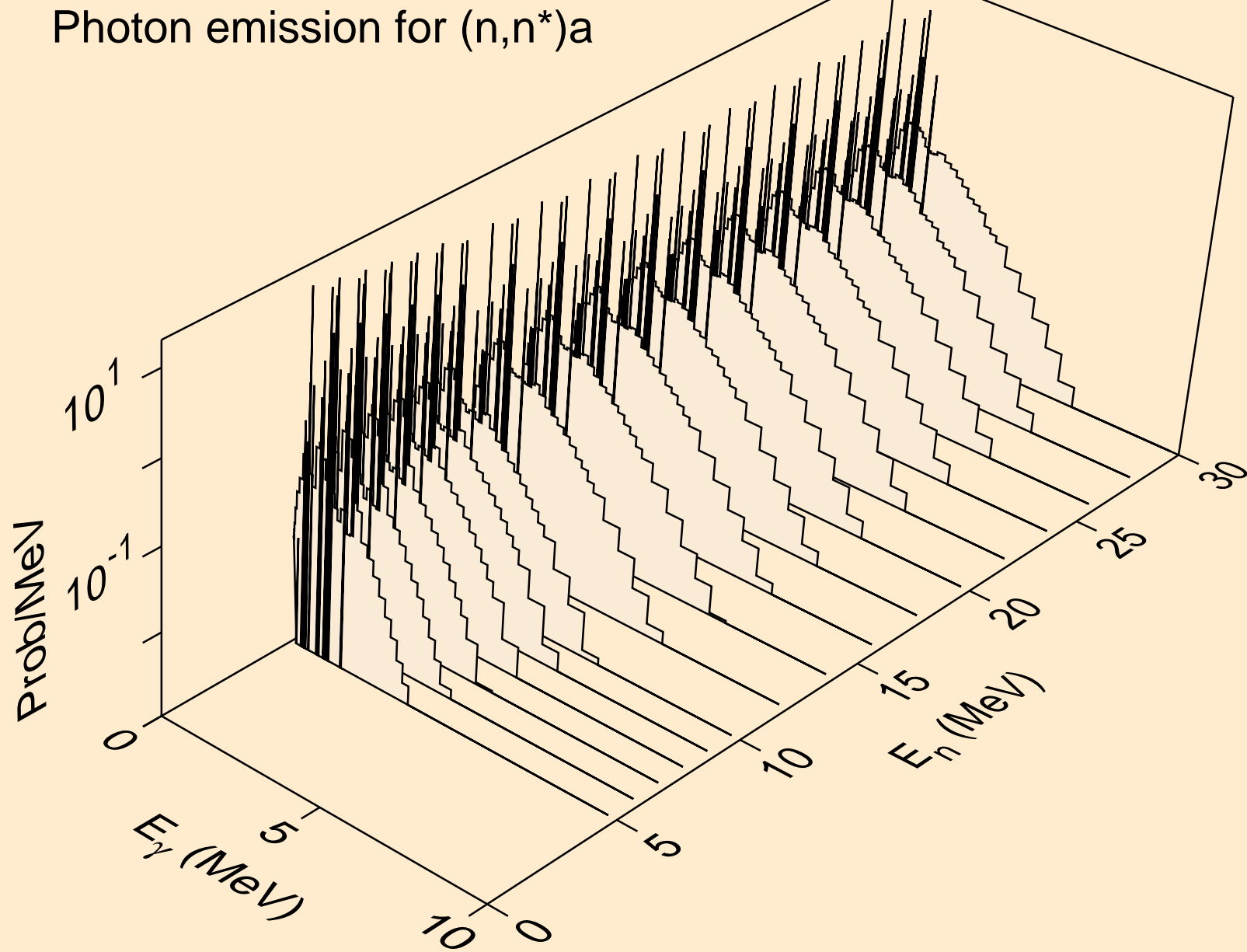
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Photon emission for (n,2n)



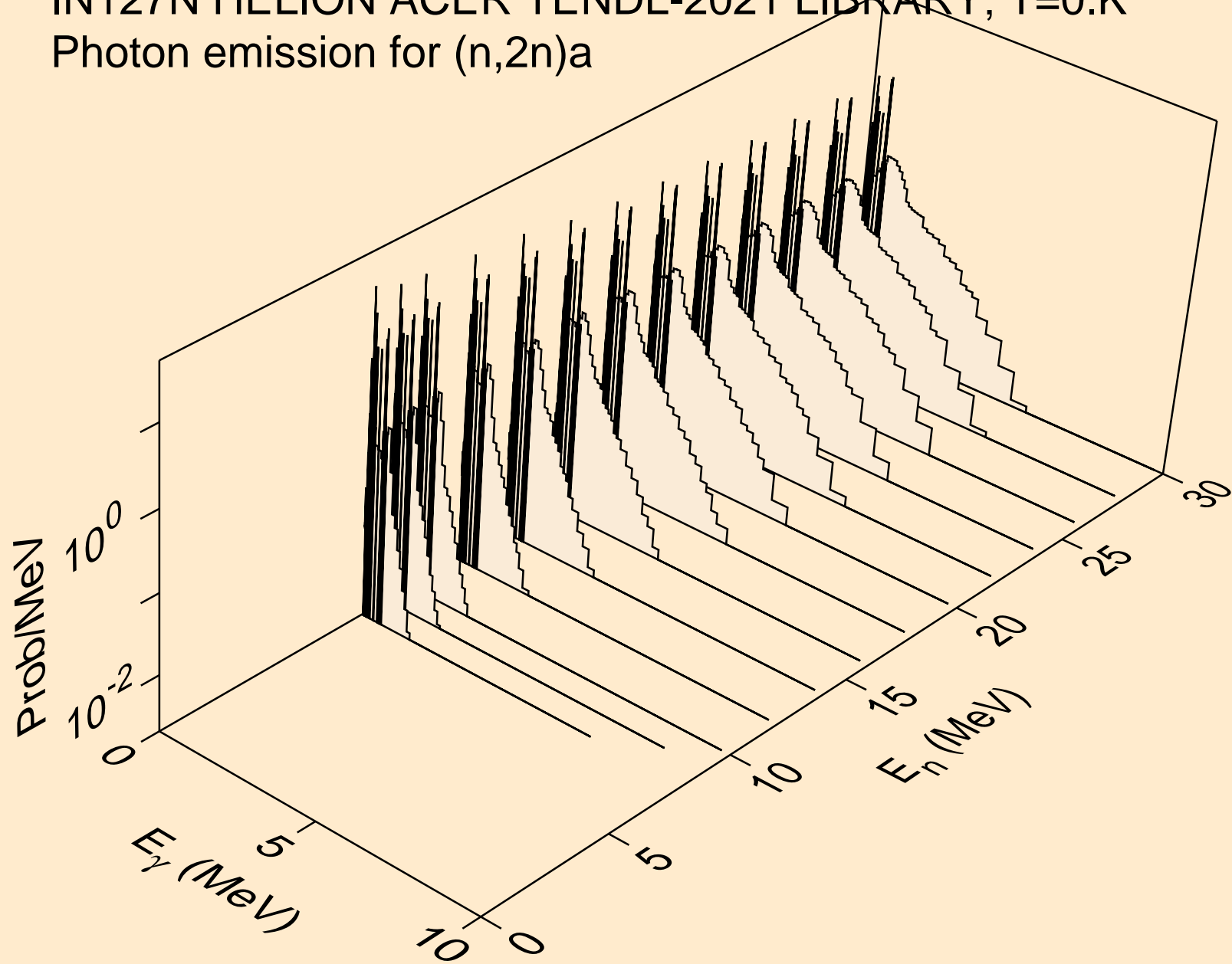
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



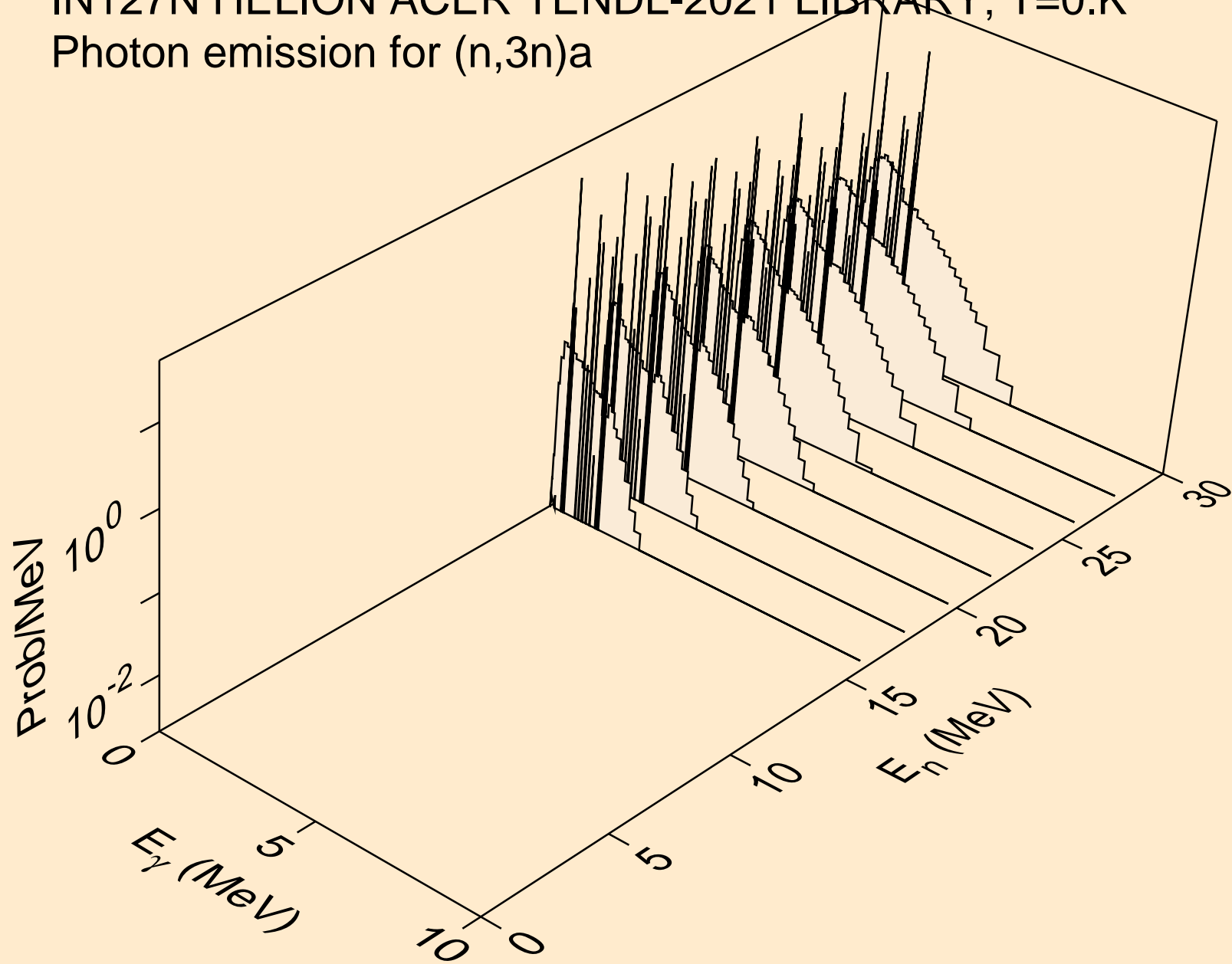
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

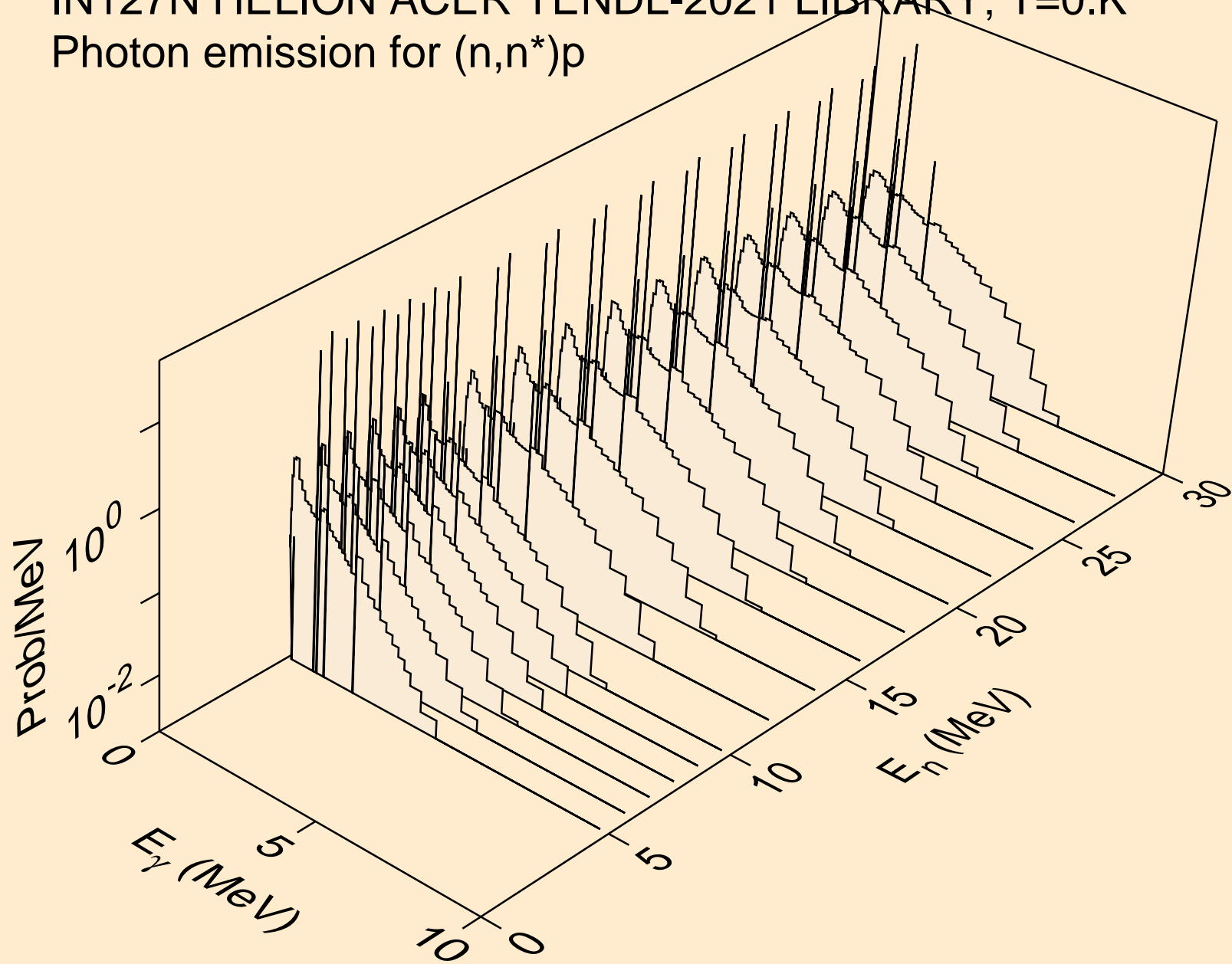


IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a

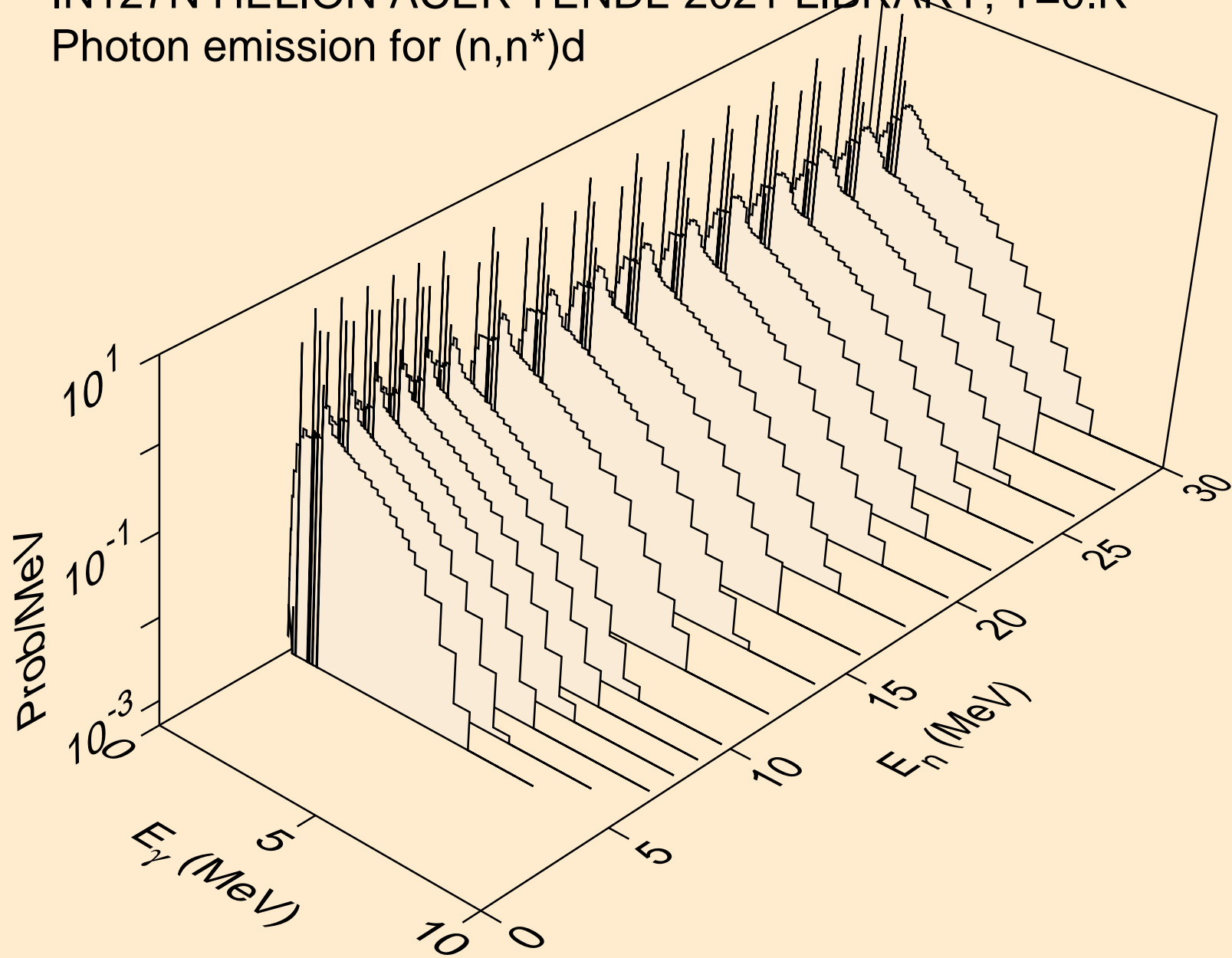




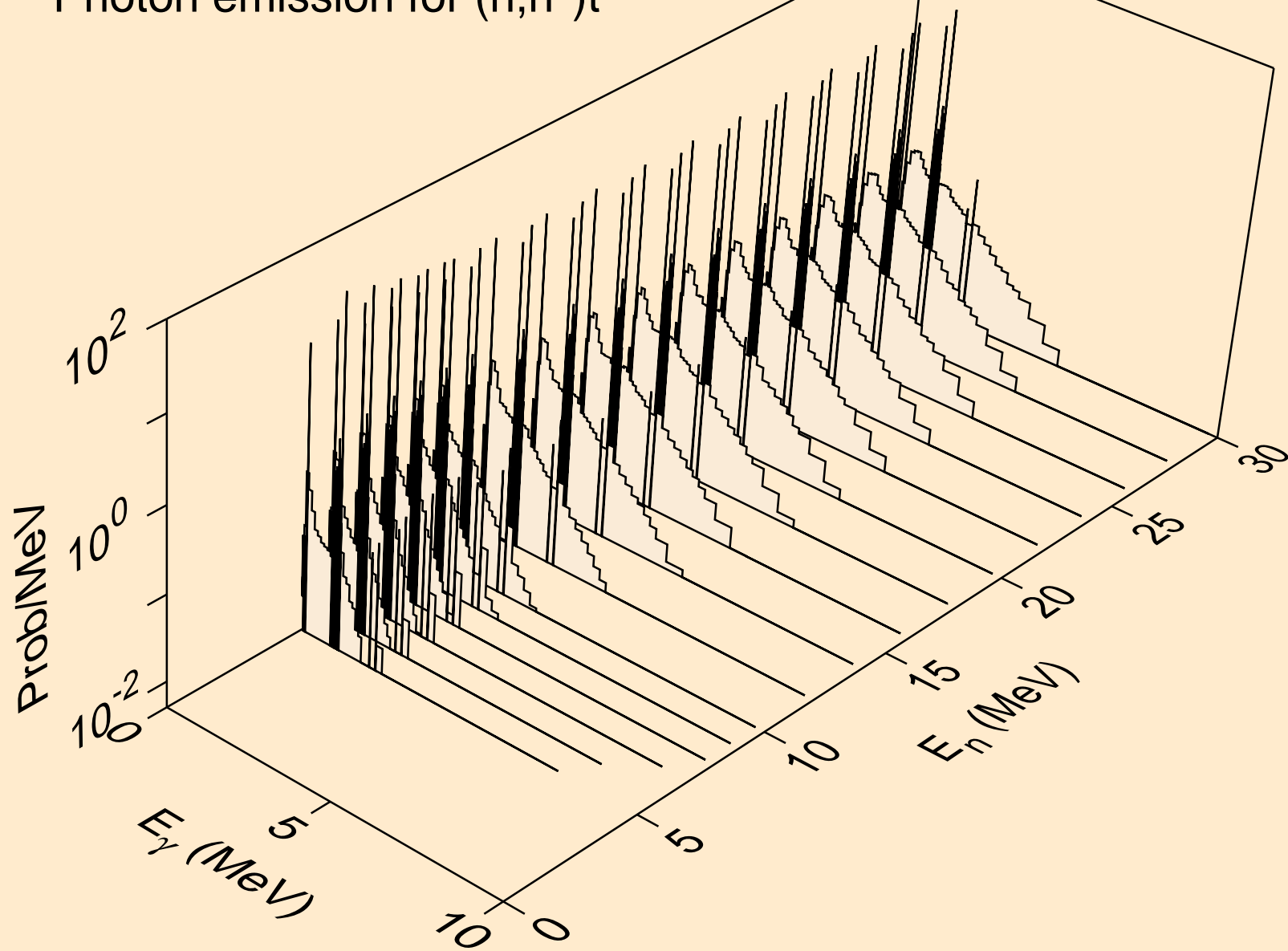
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



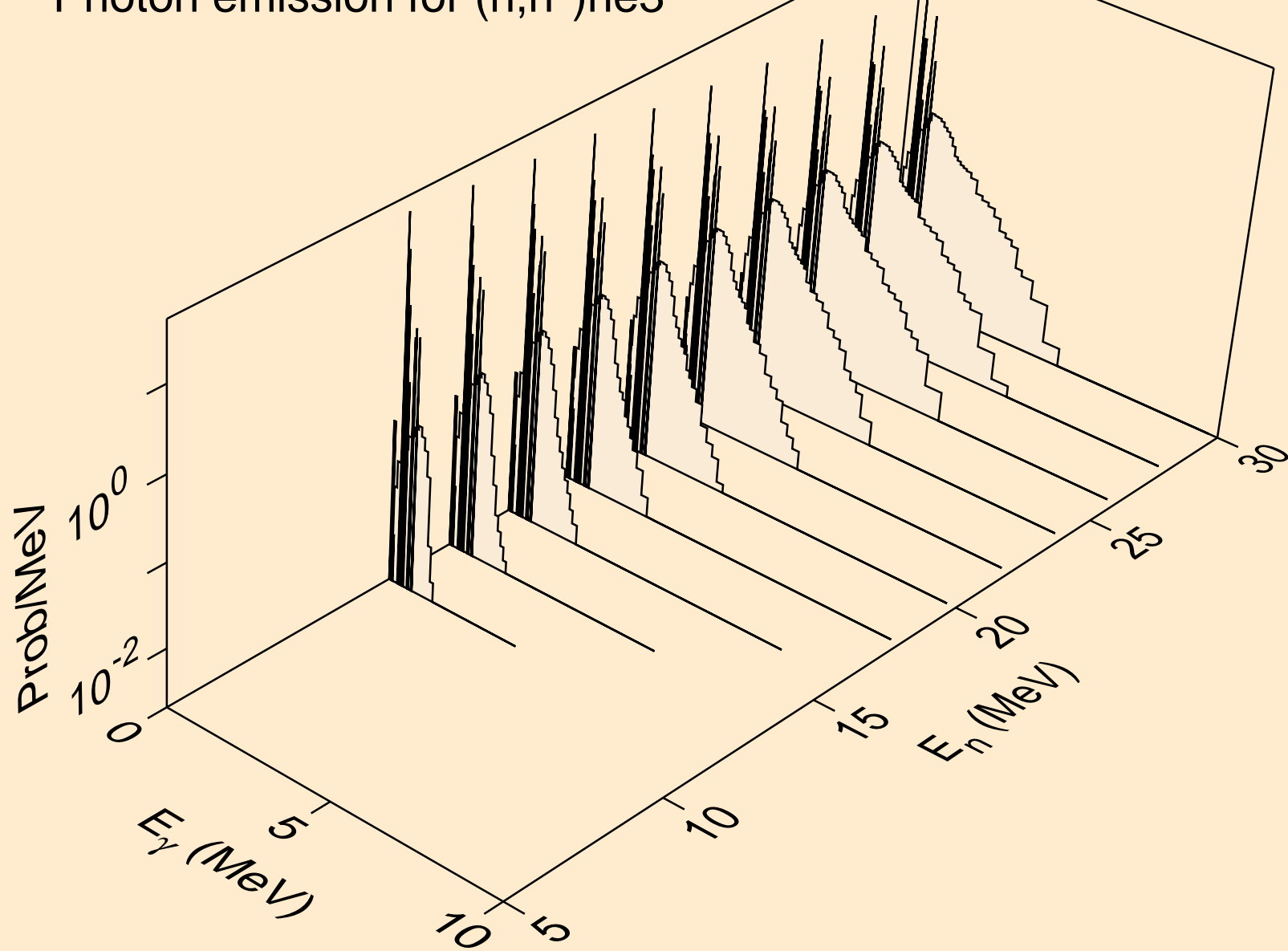
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Photon emission for (n,n\*)d



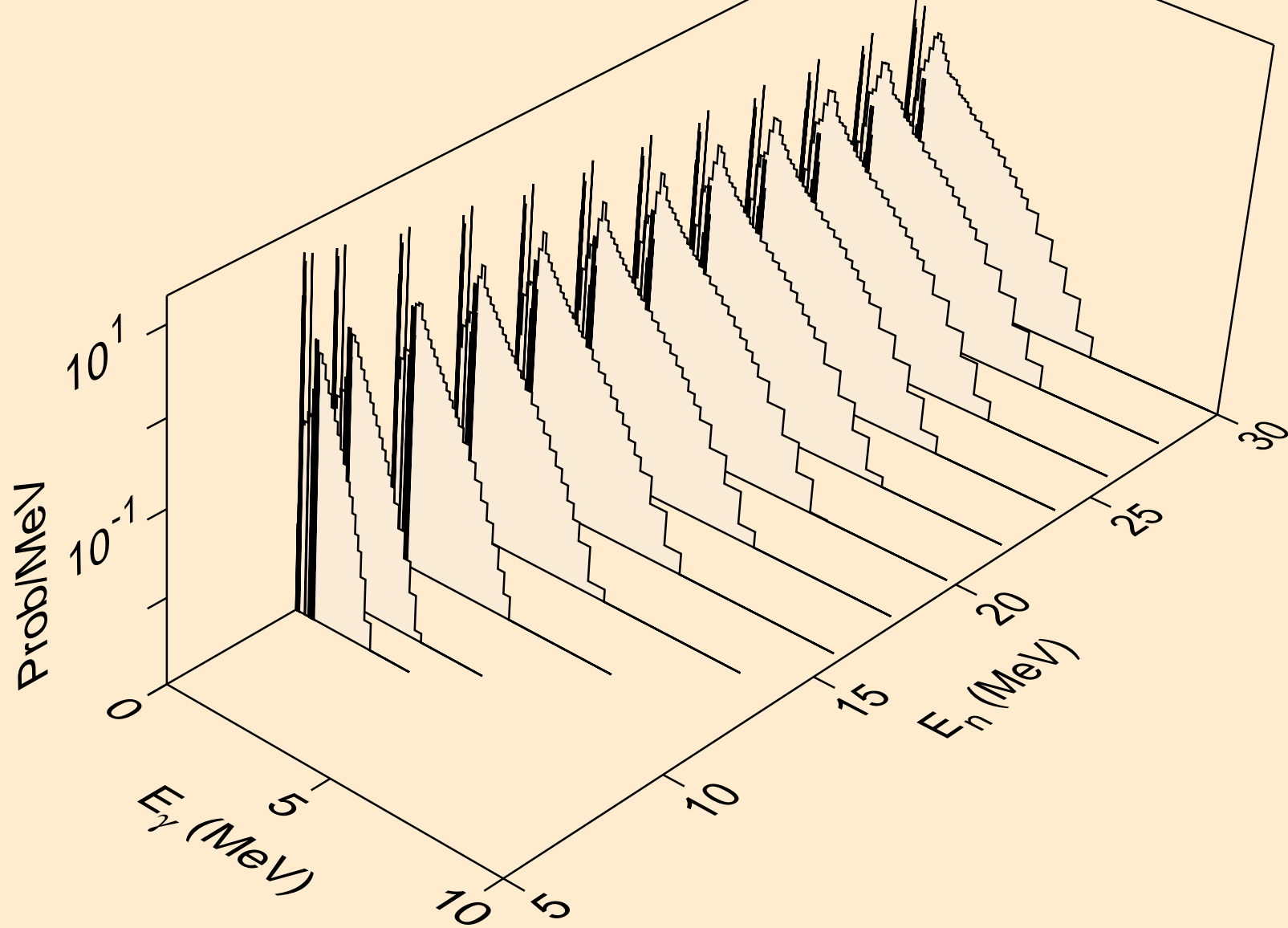
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



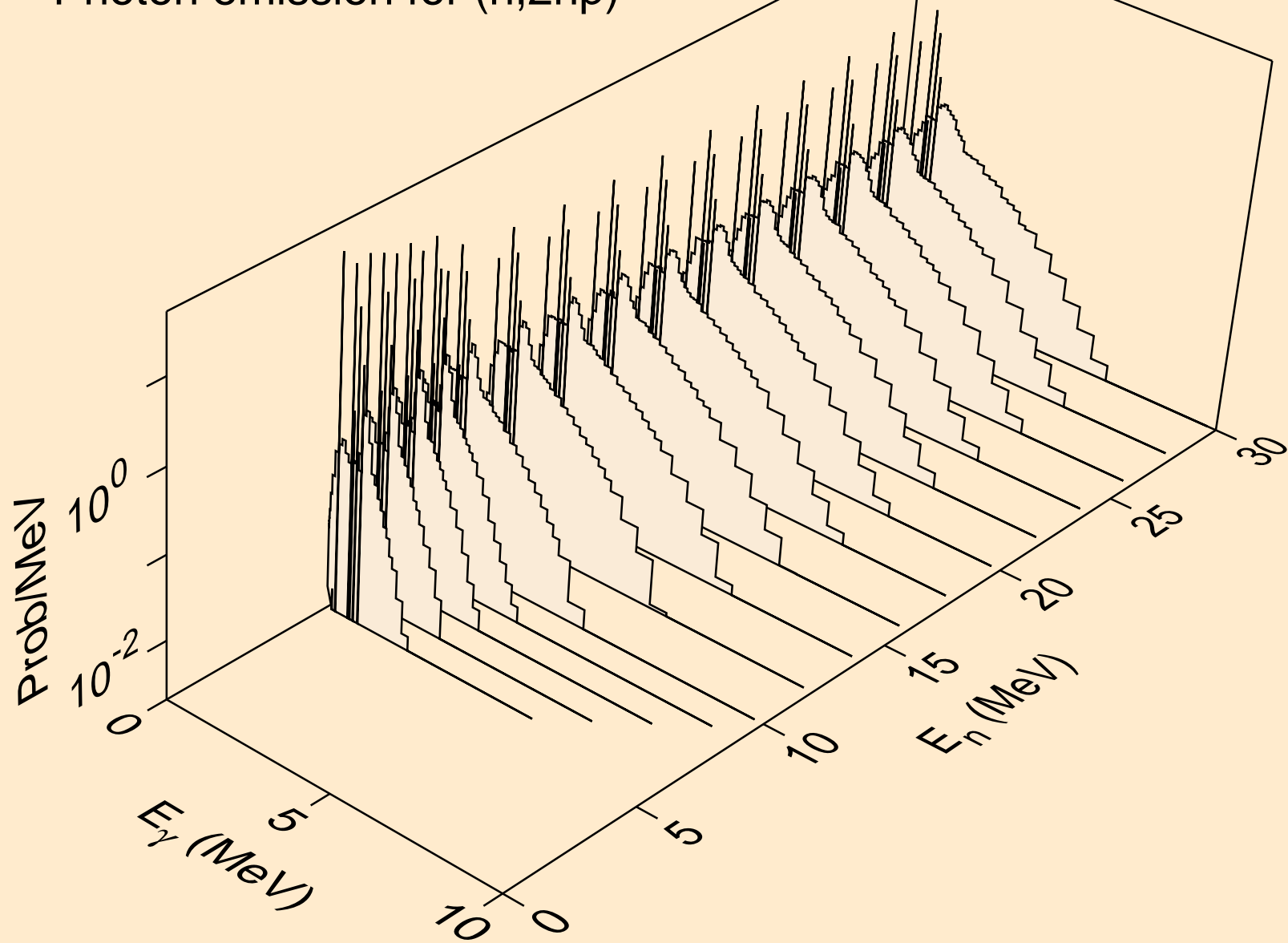
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



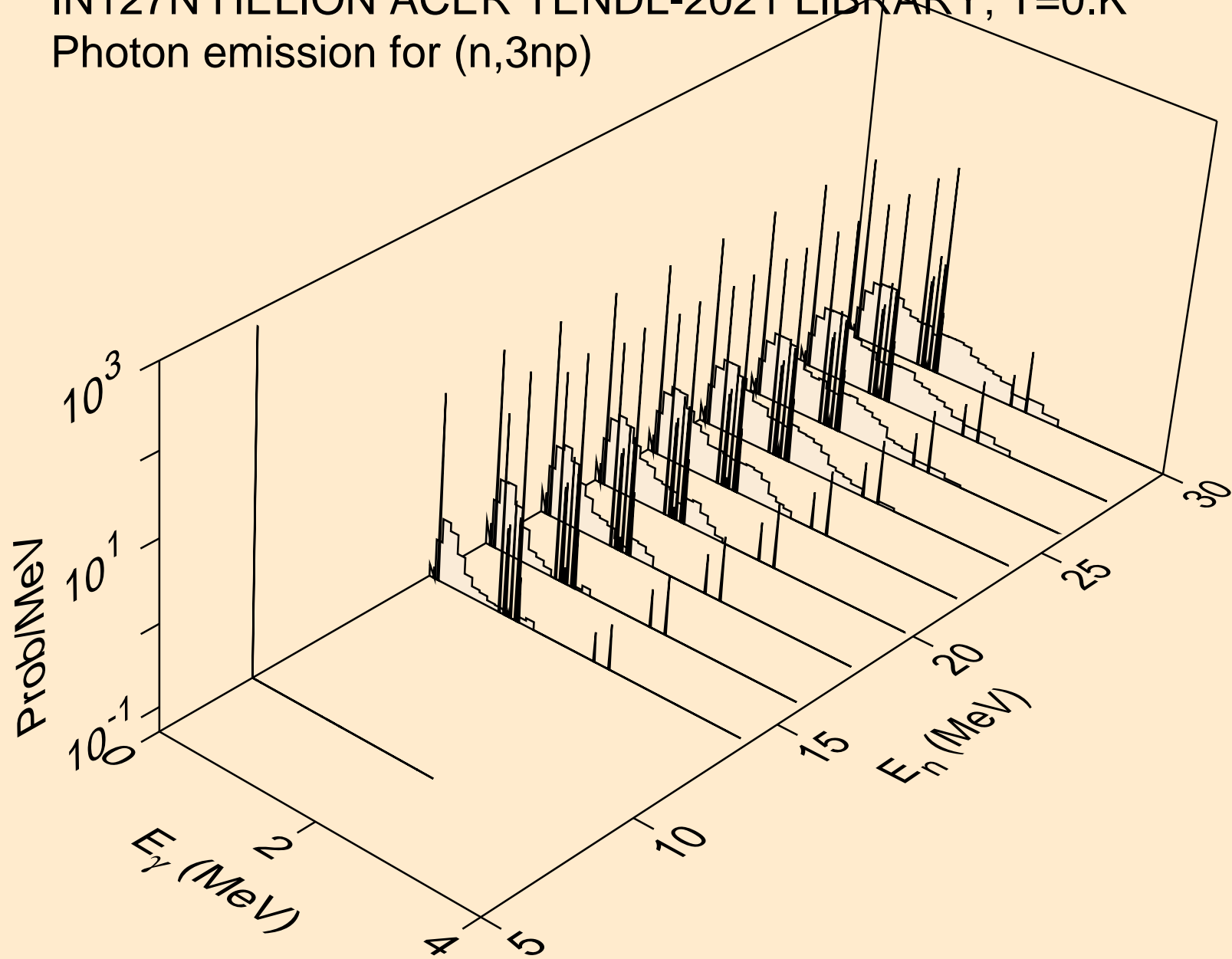
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



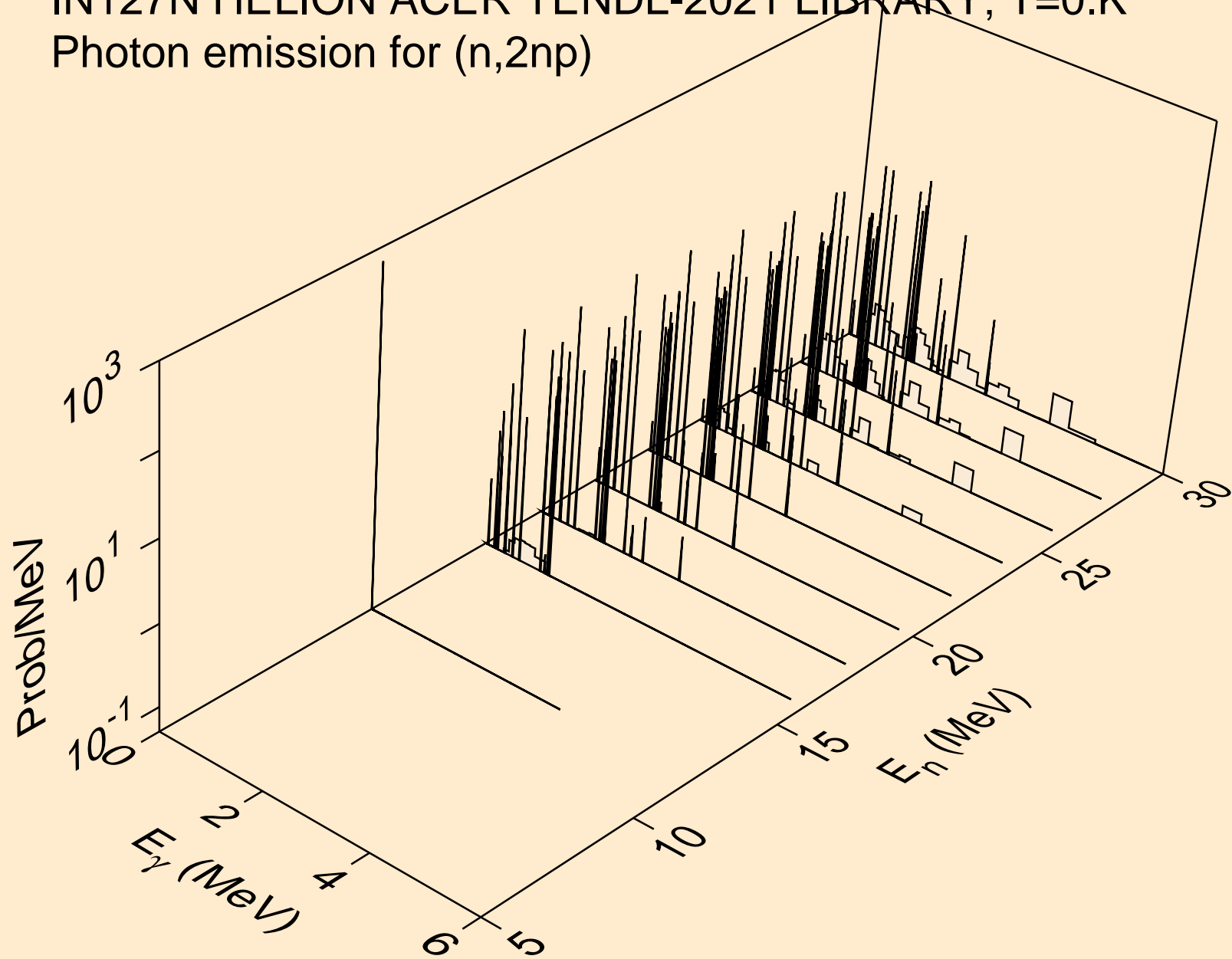
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

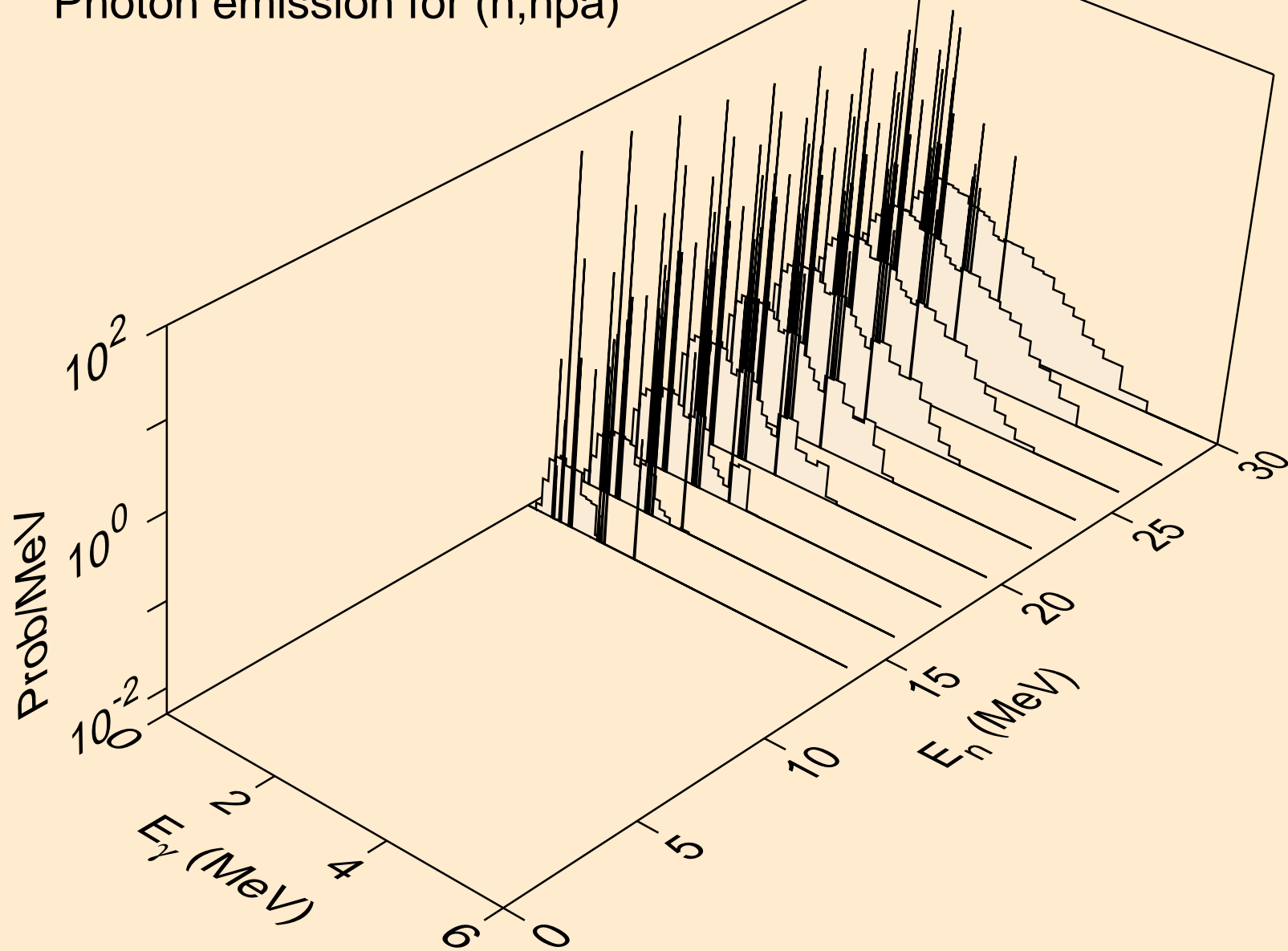


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Photon emission for (n,2np)

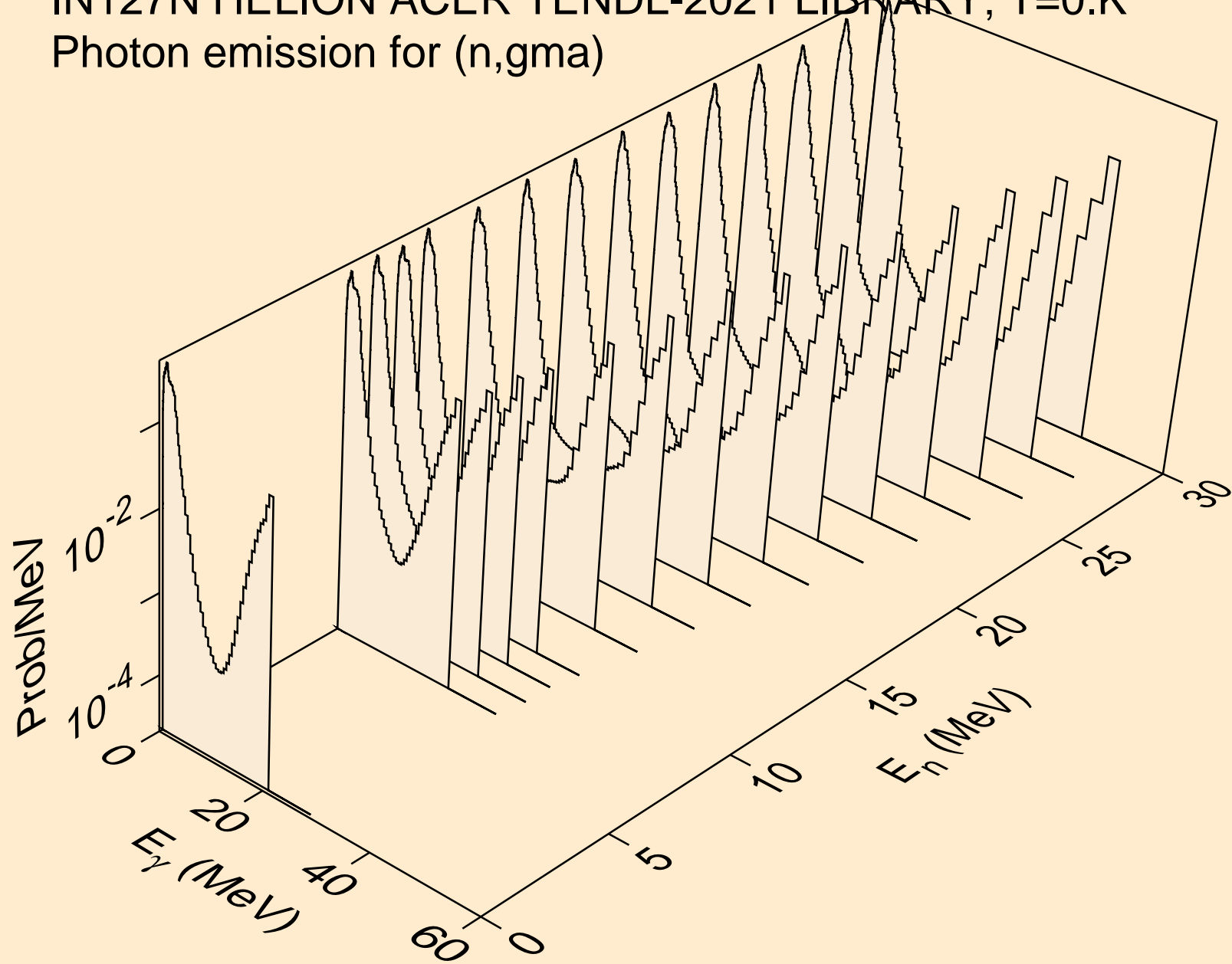




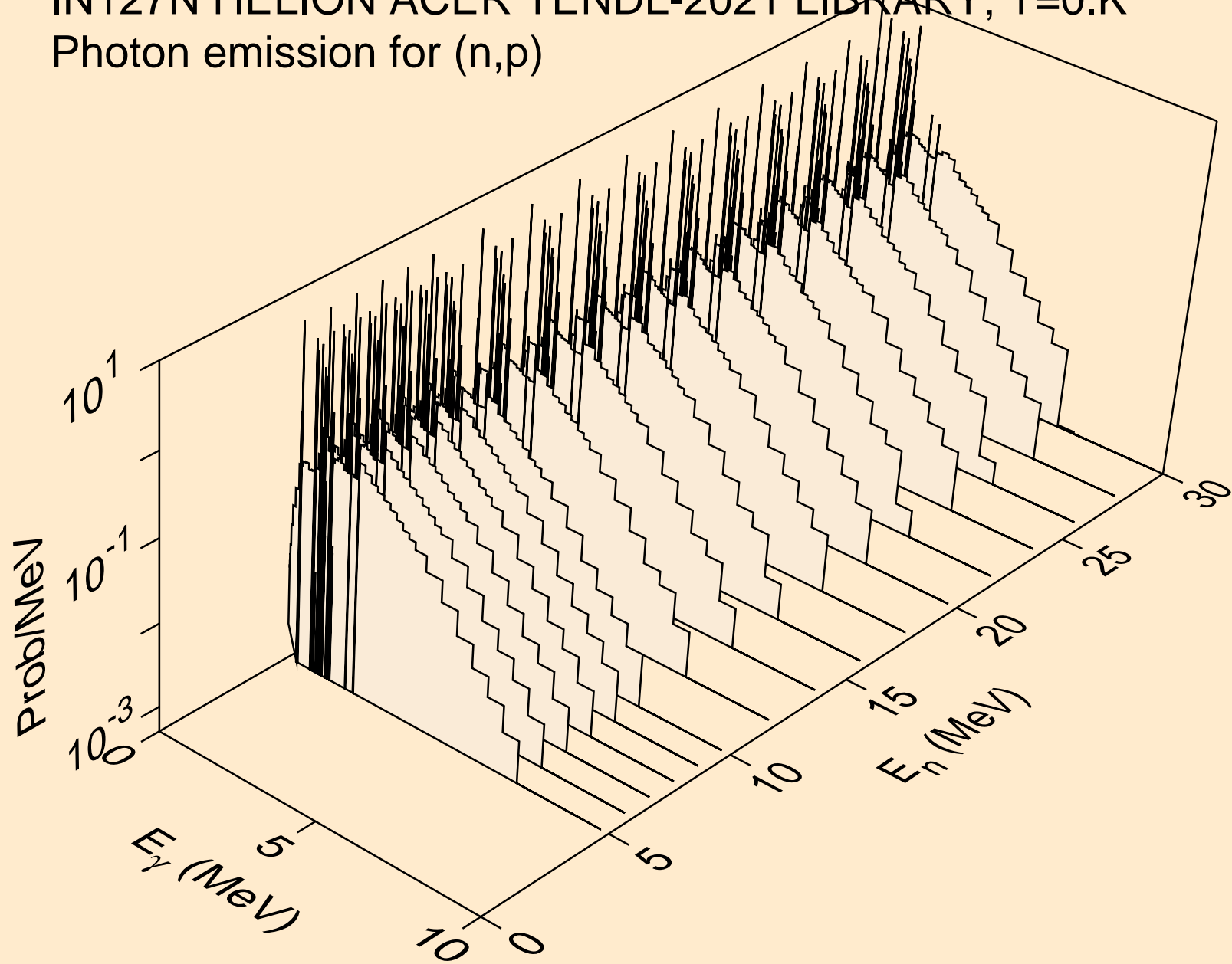
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Photon emission for (n,npa)



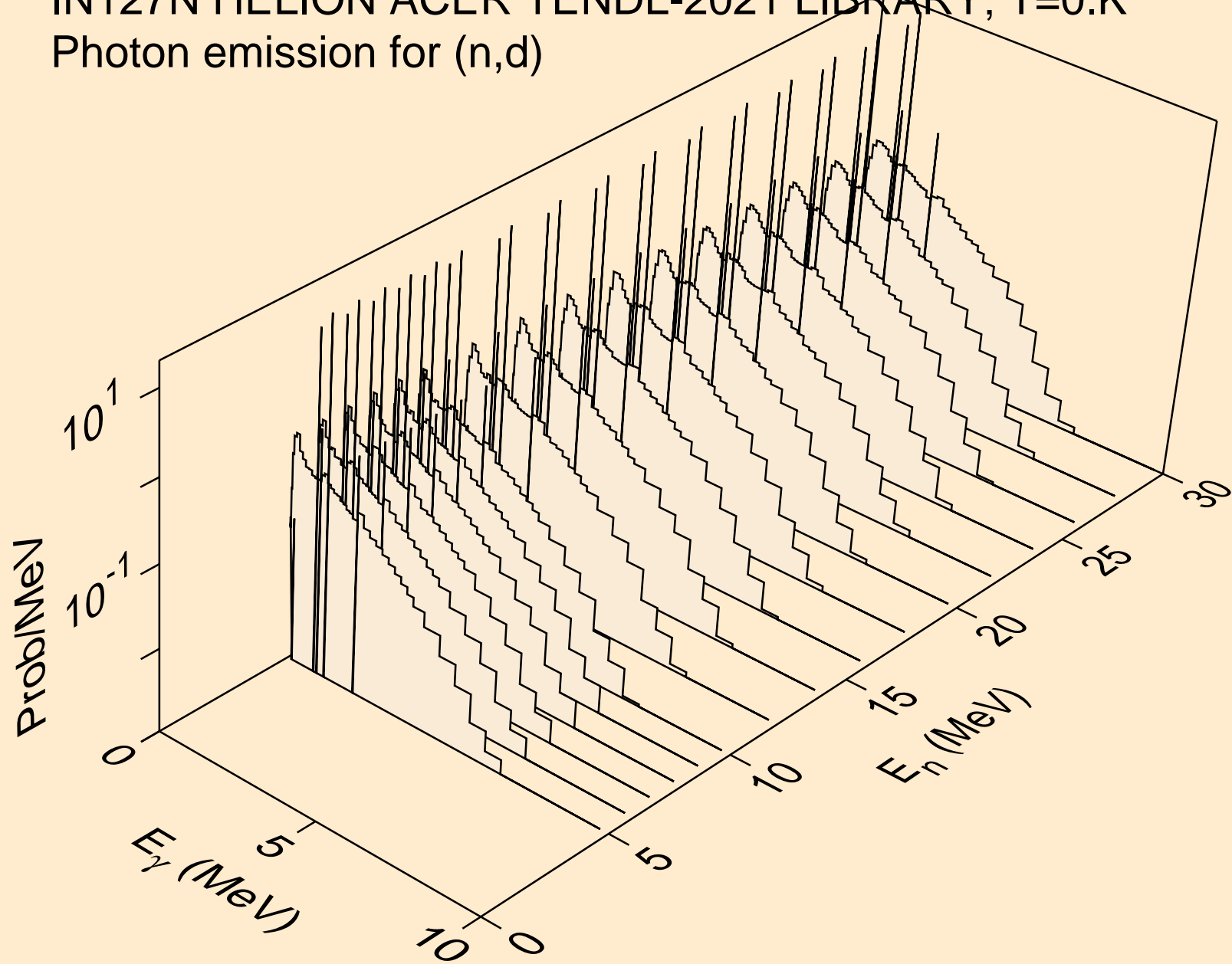
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Photon emission for (n,gma)



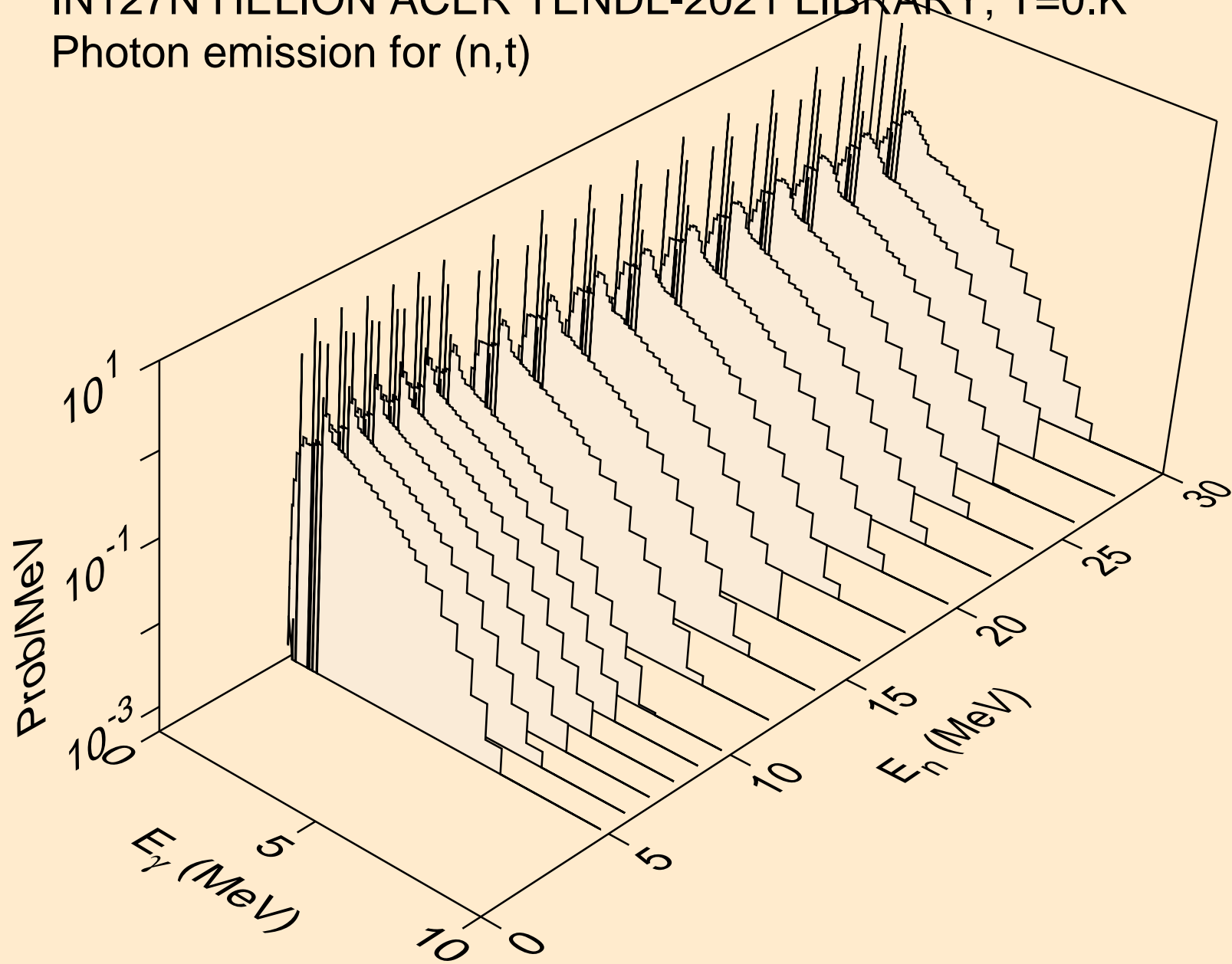
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Photon emission for (n,p)



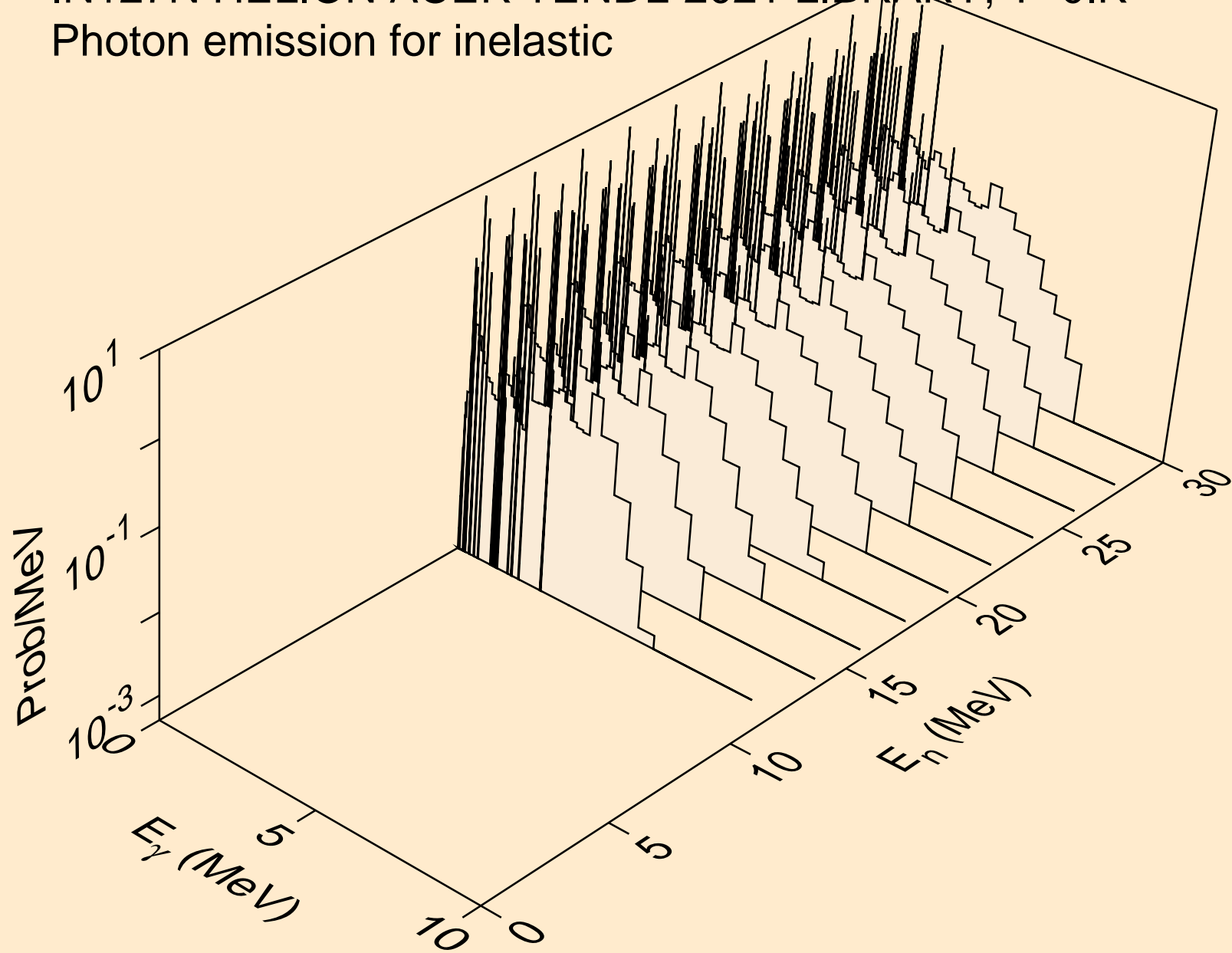
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Photon emission for (n,d)



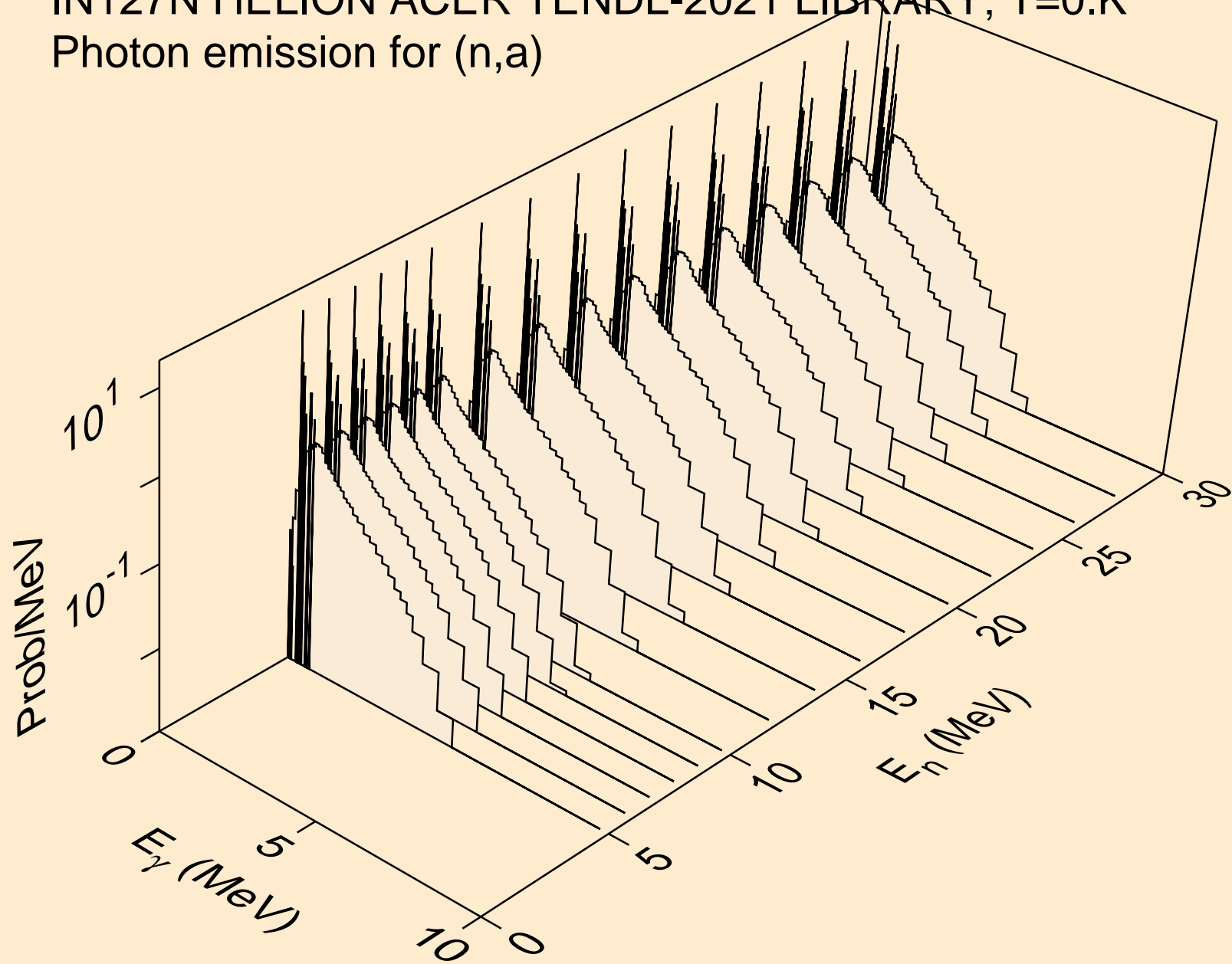
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Photon emission for (n,t)



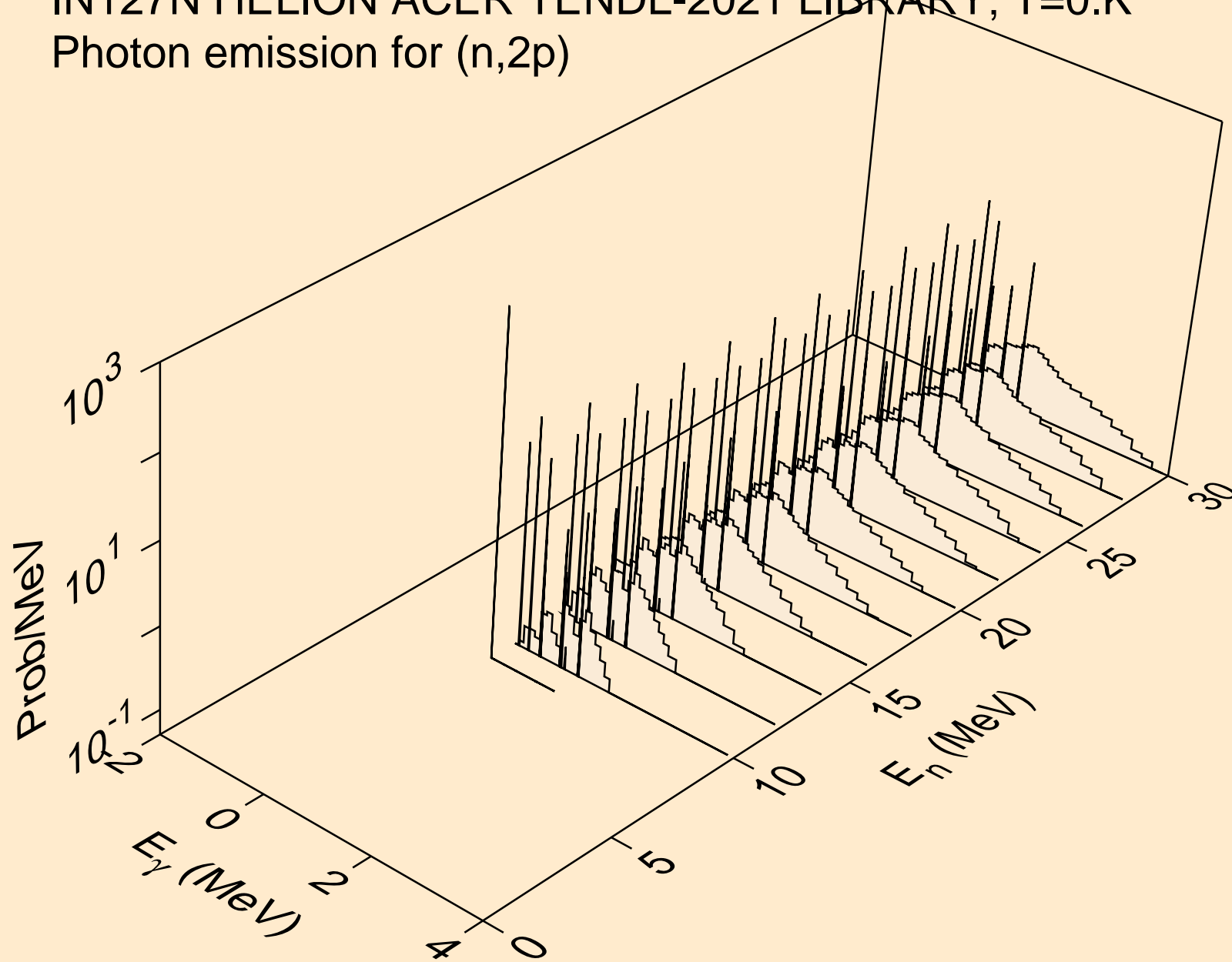
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

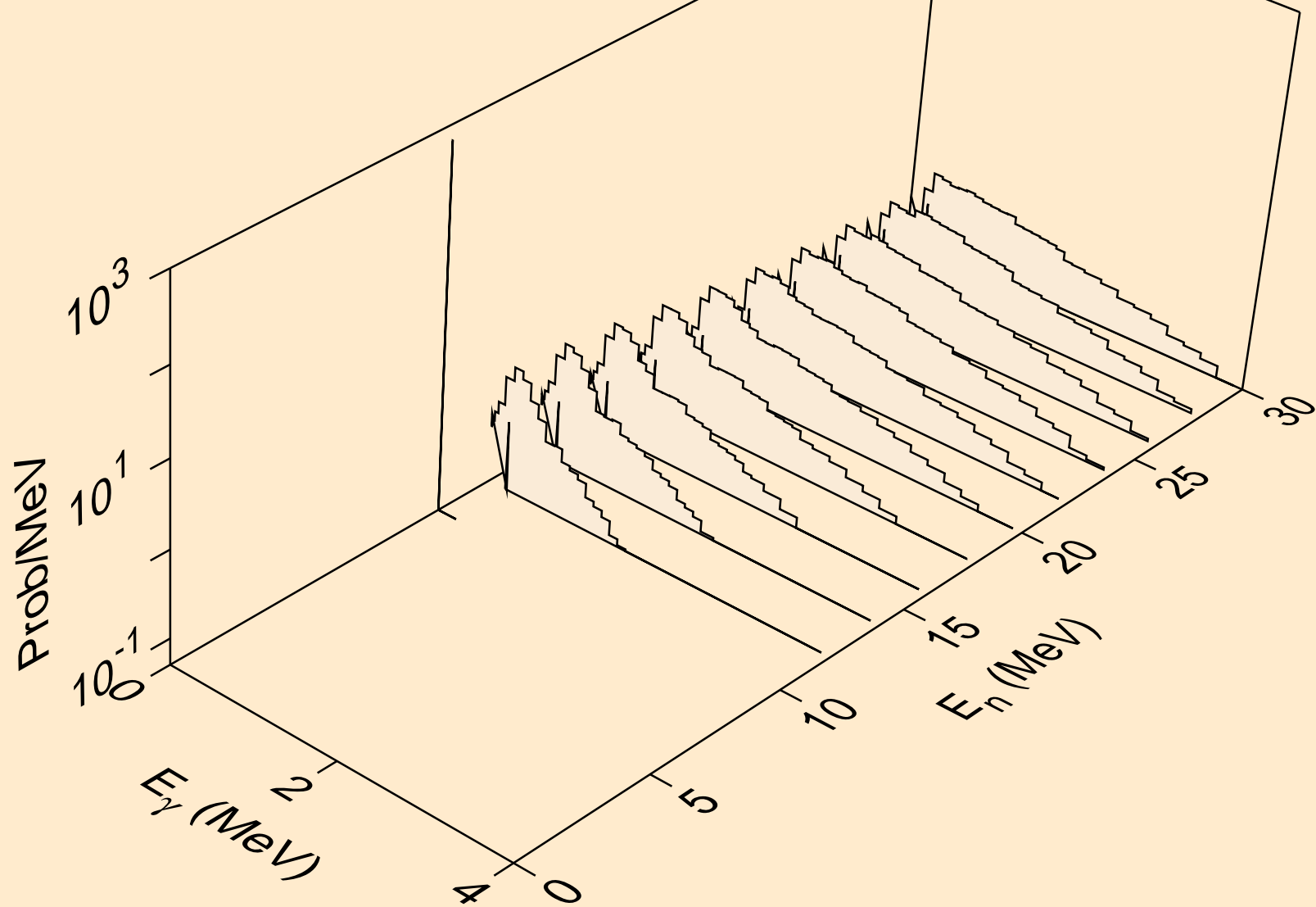


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Photon emission for (n,2p)

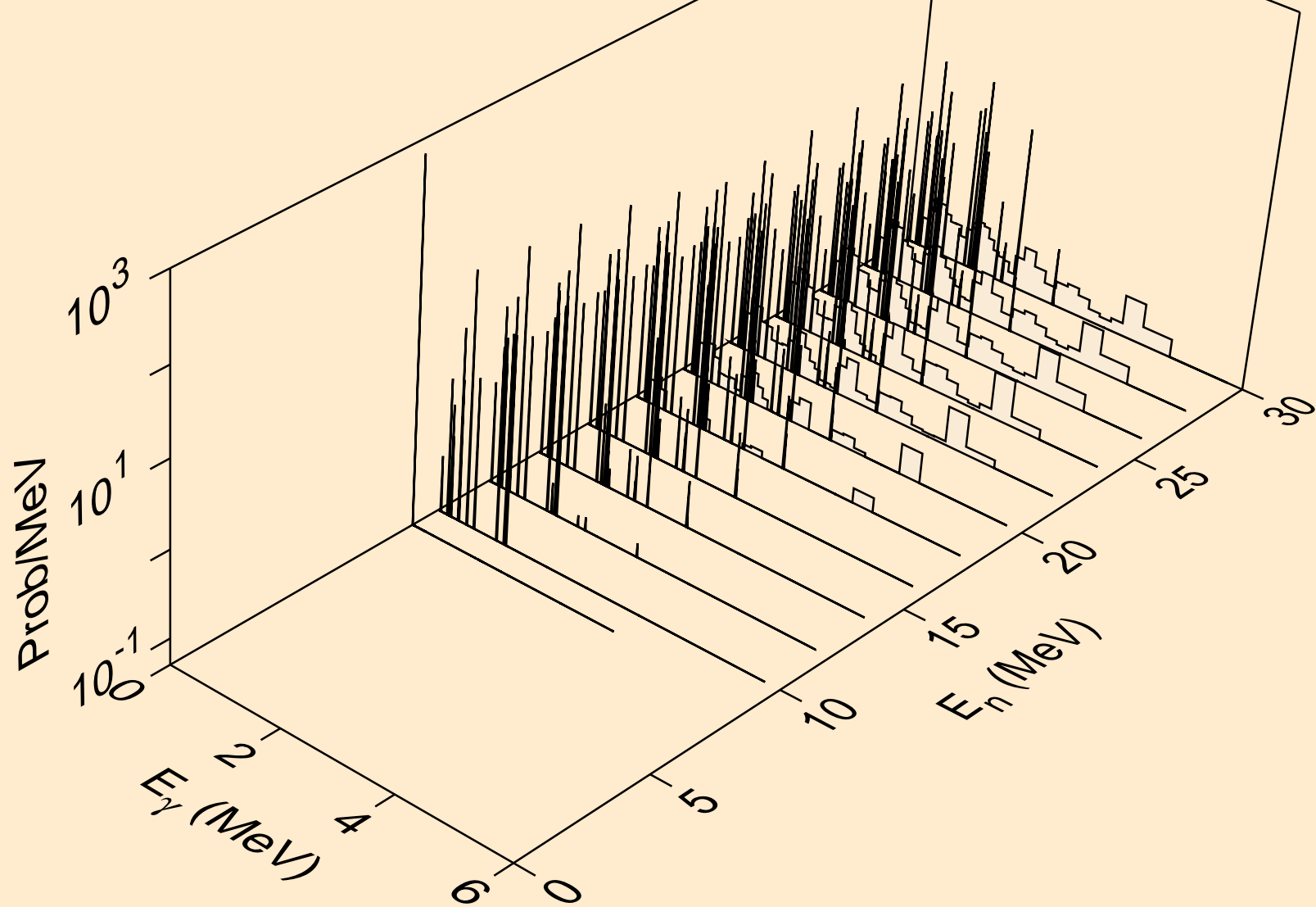




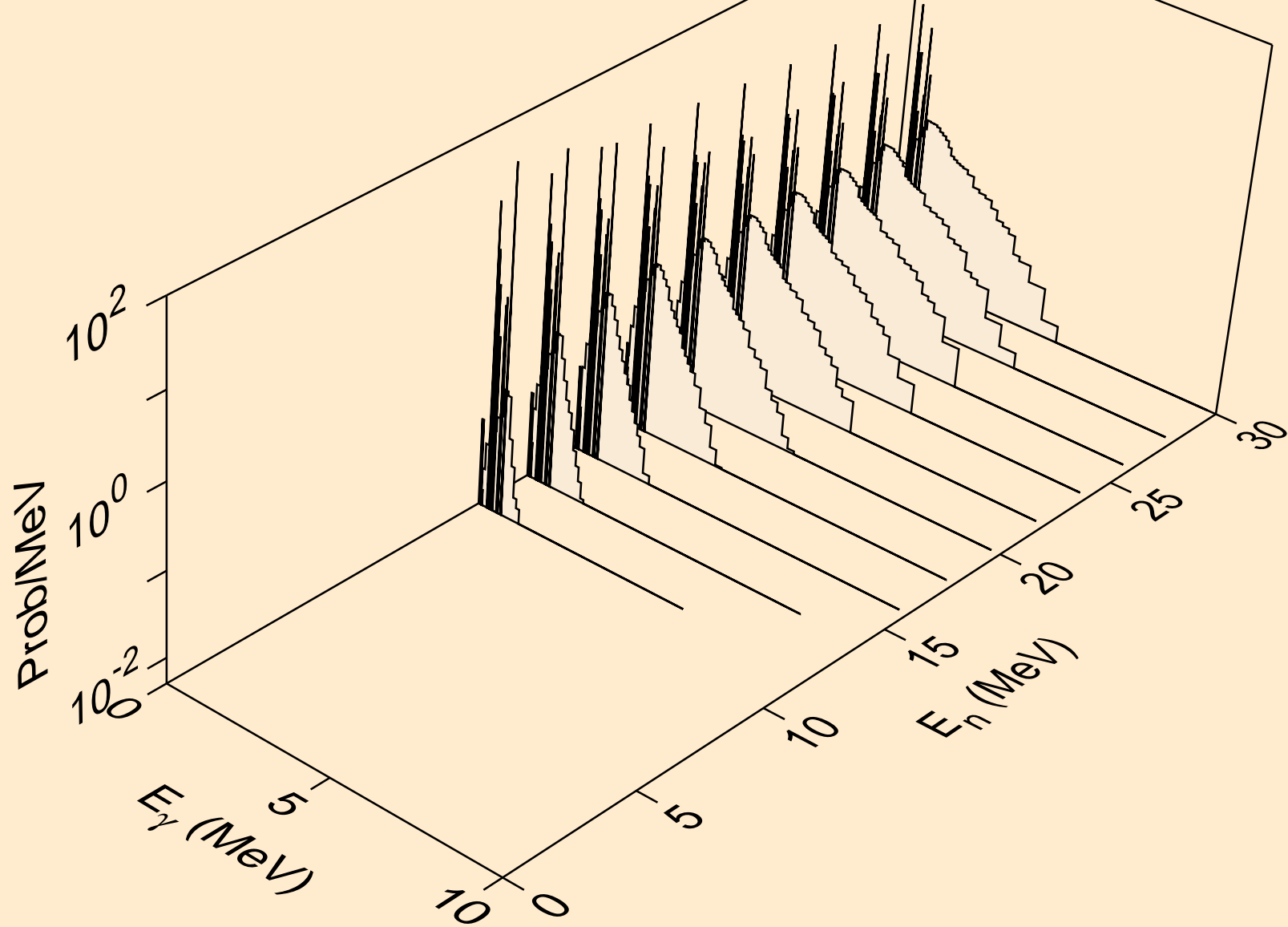
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Photon emission for (n,pa)



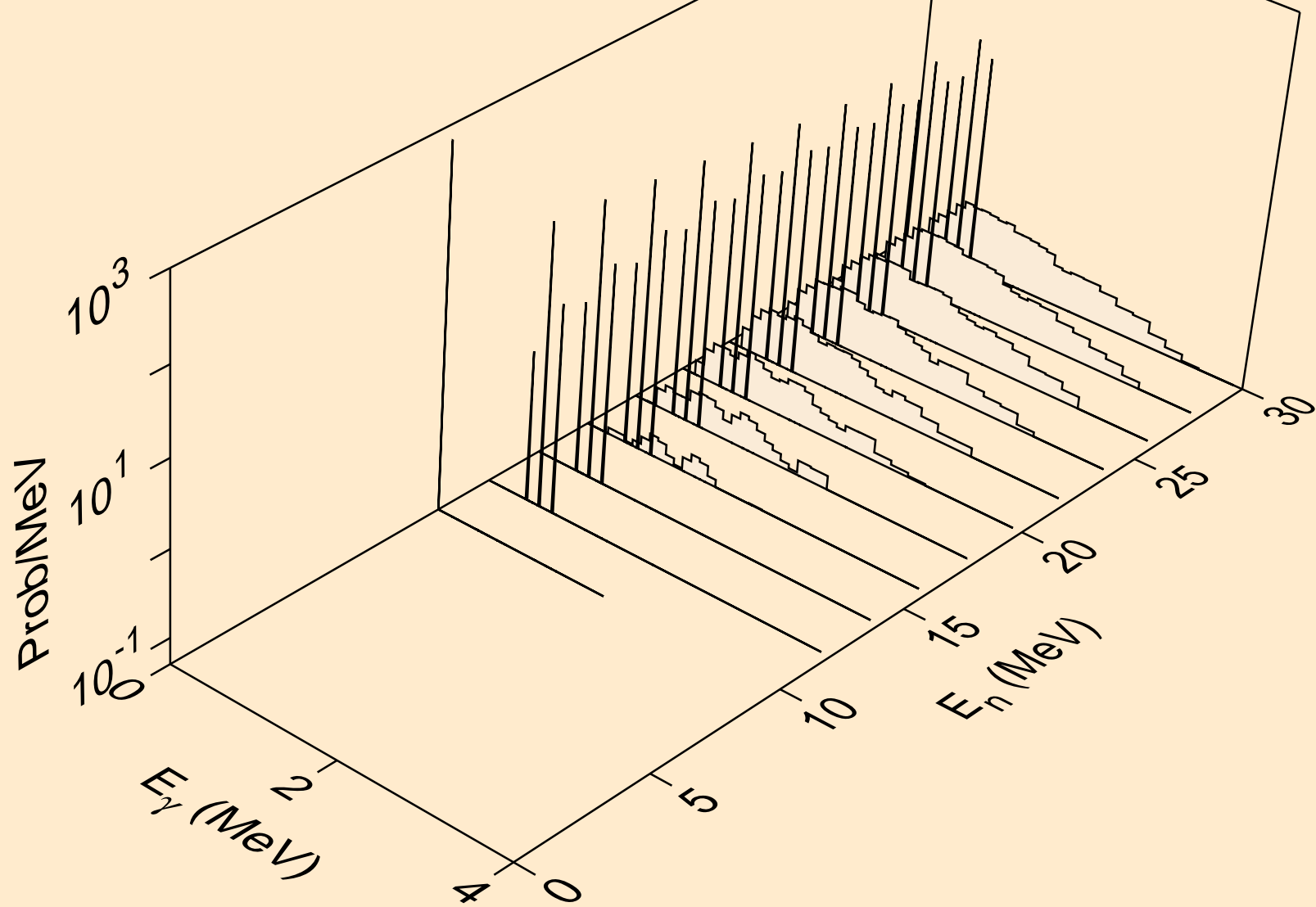
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

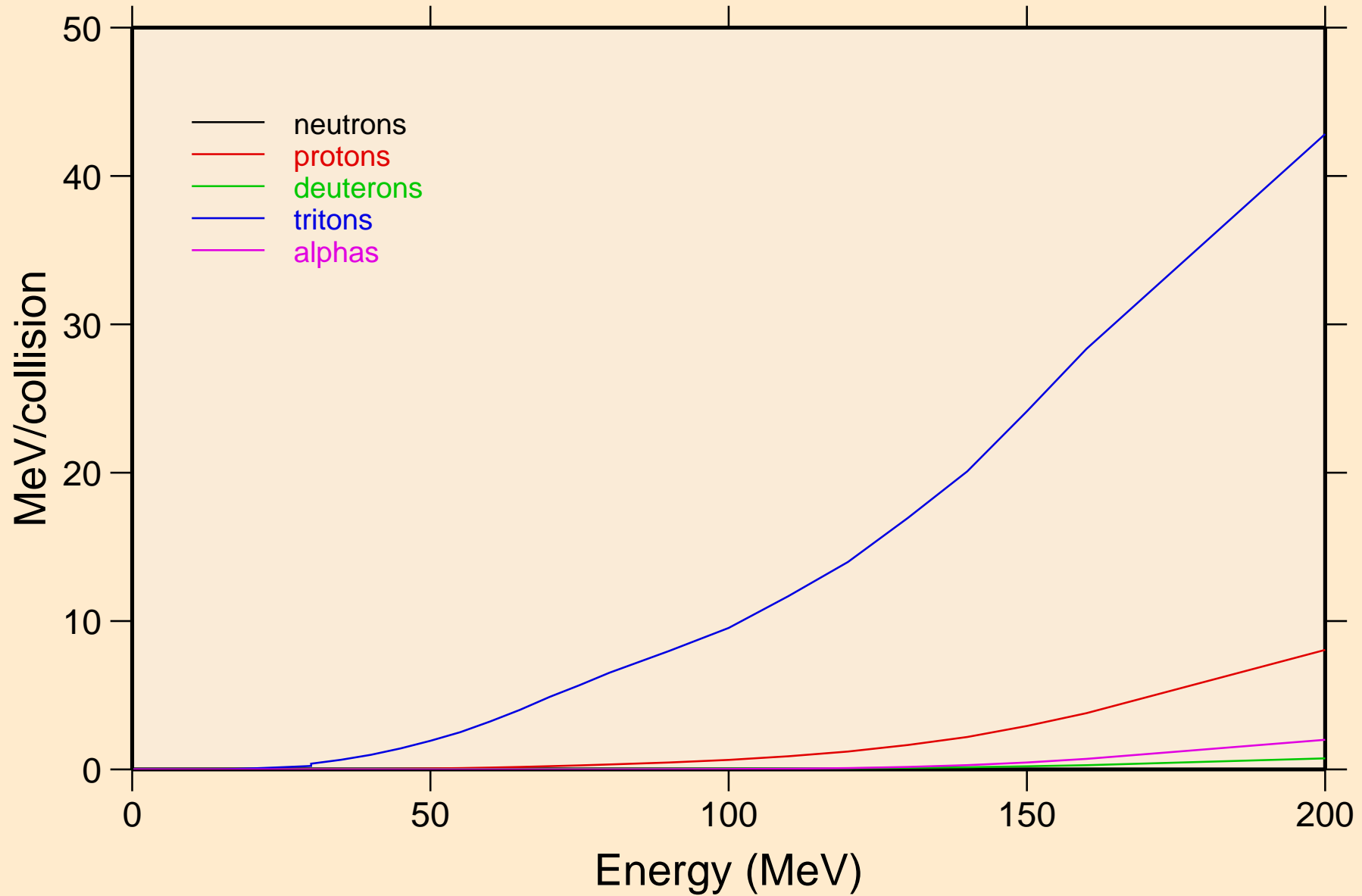


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Photon emission for (n,da)

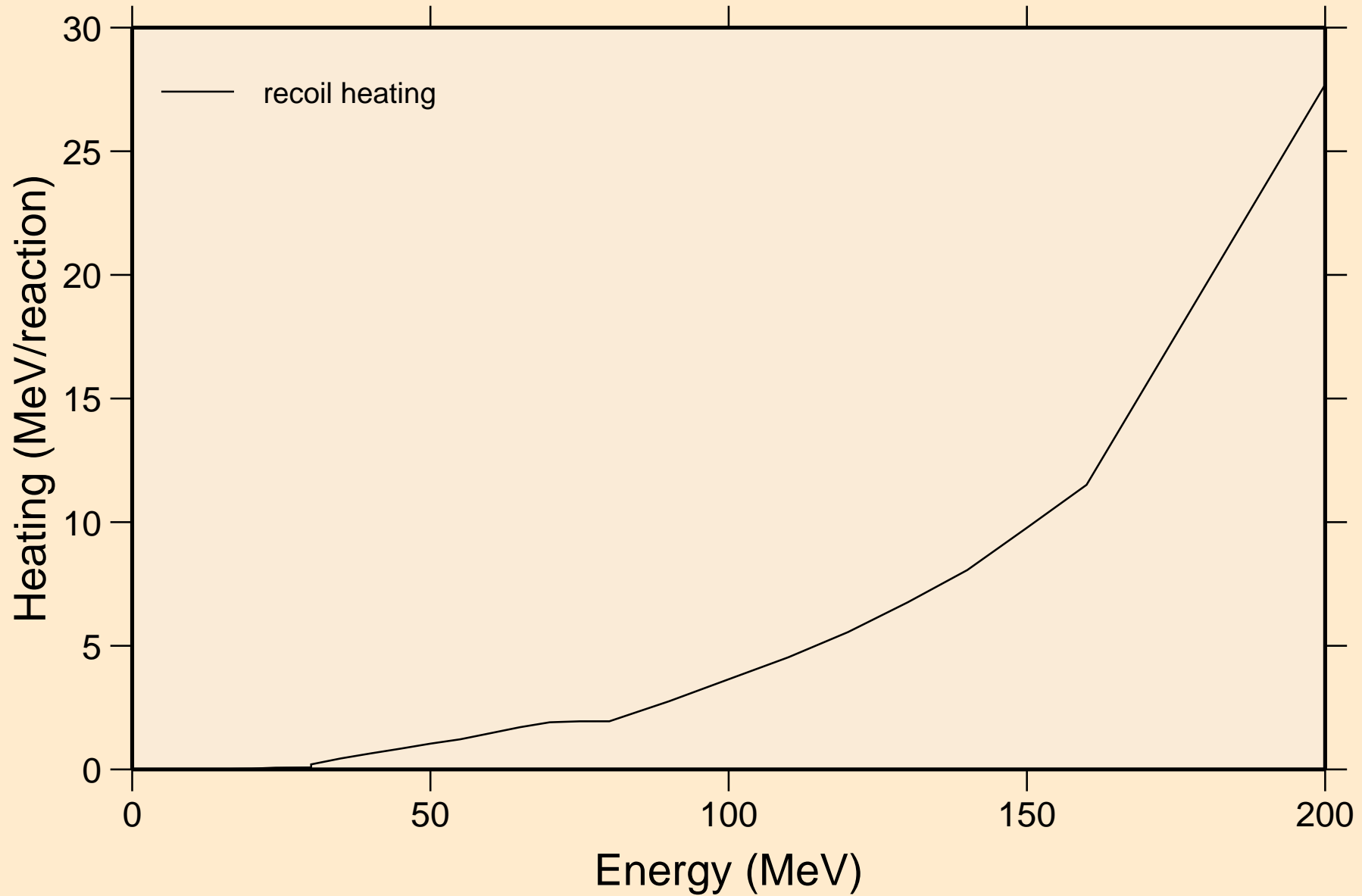


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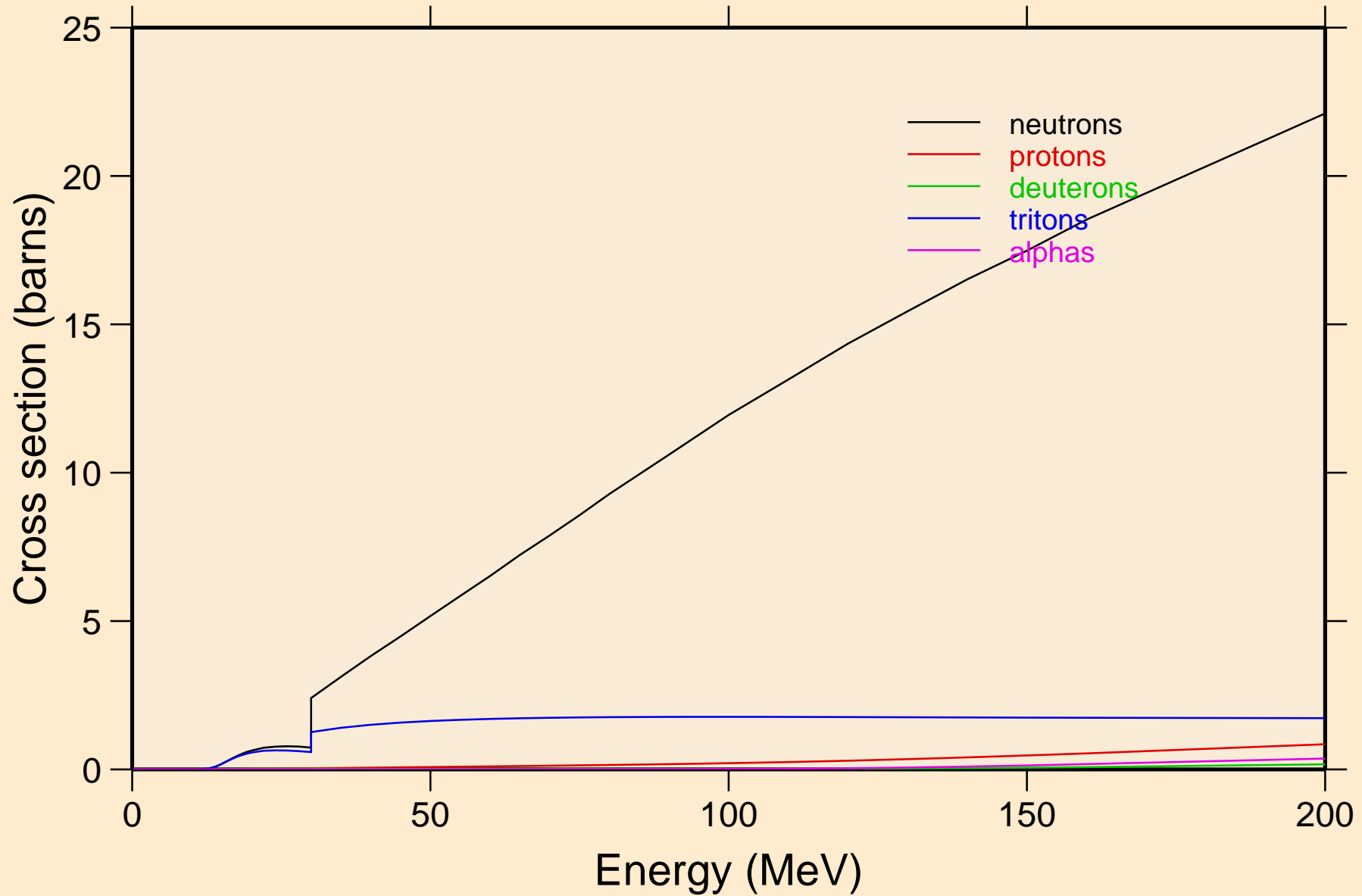
## Particle heating contributions



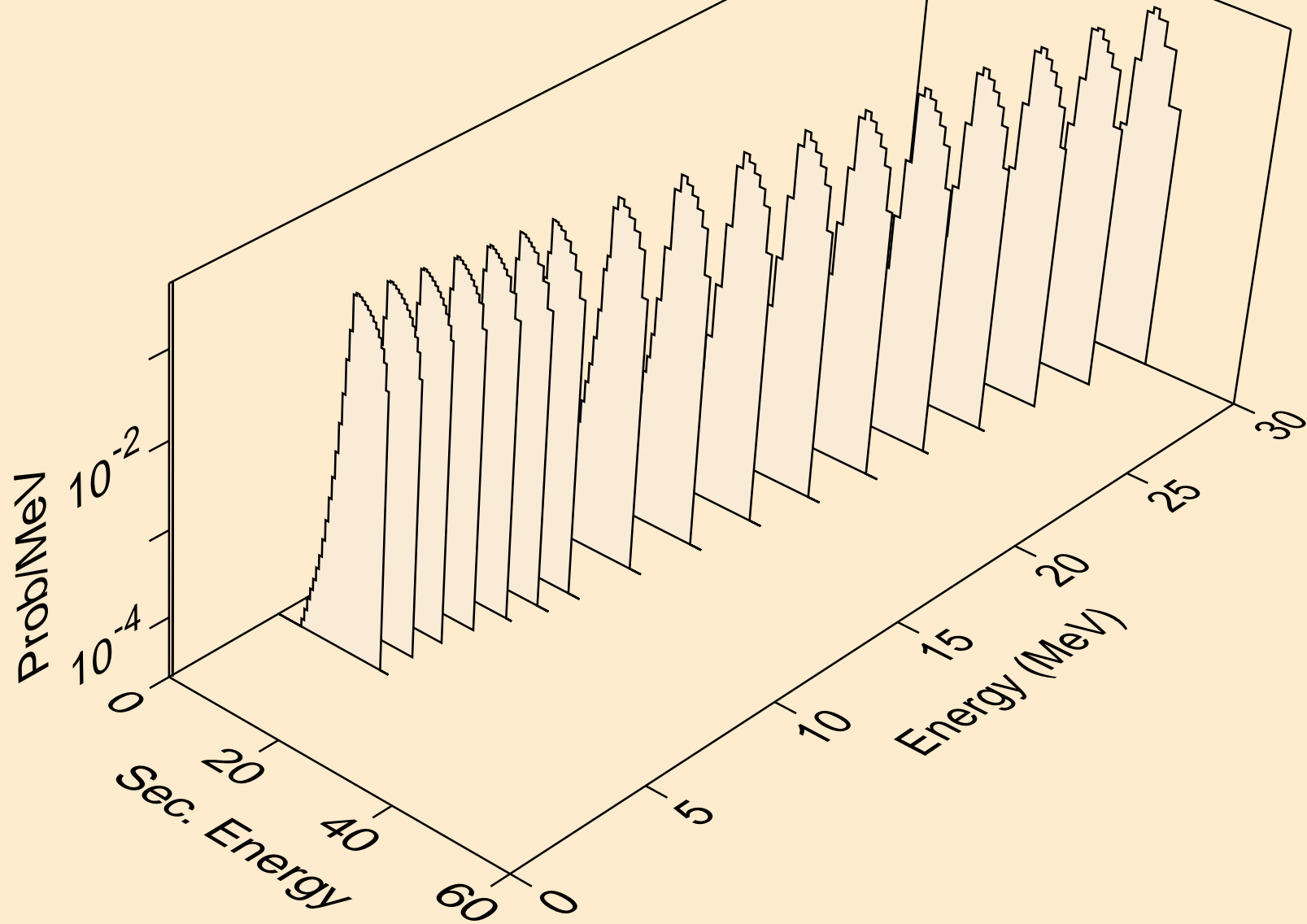
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

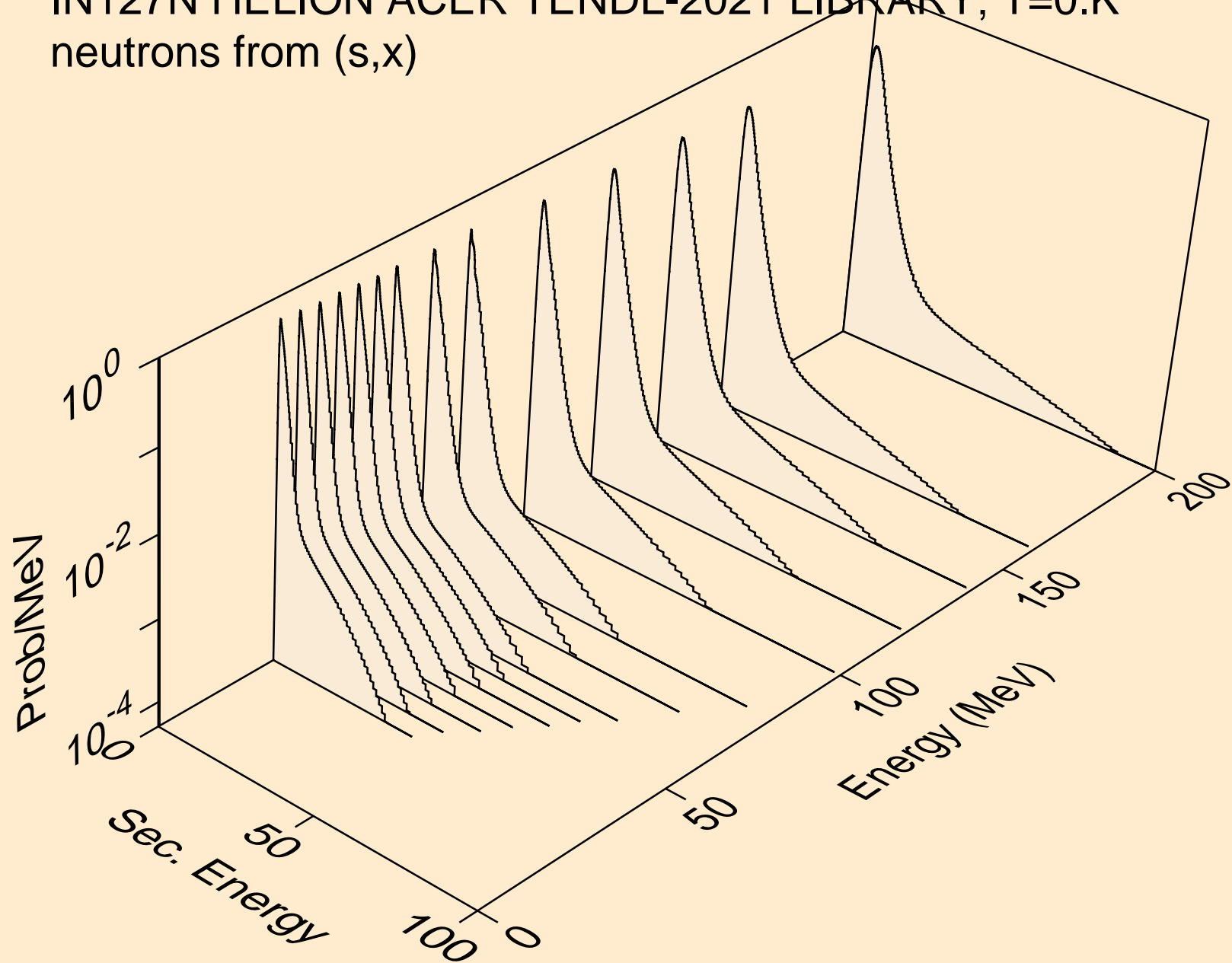


IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

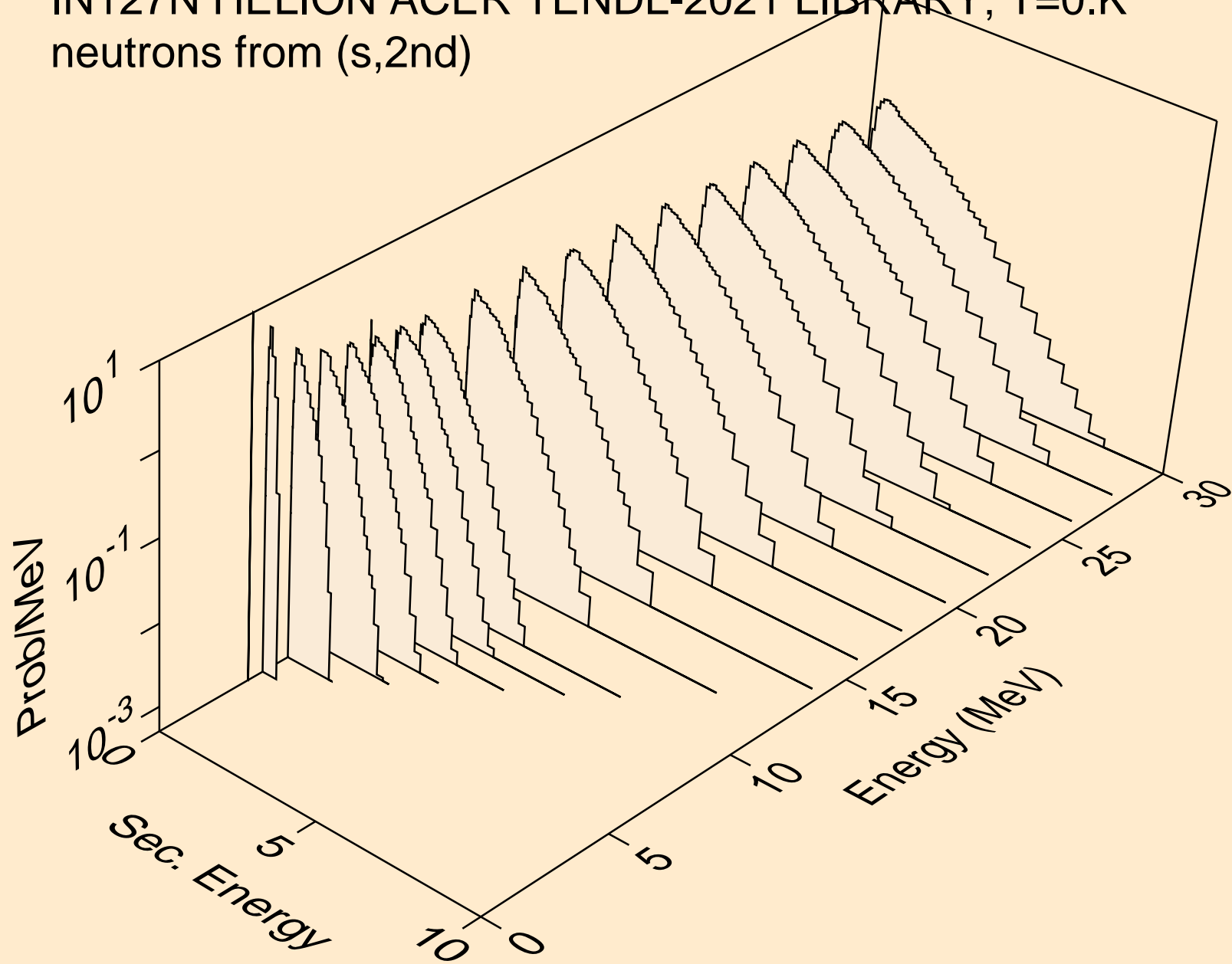




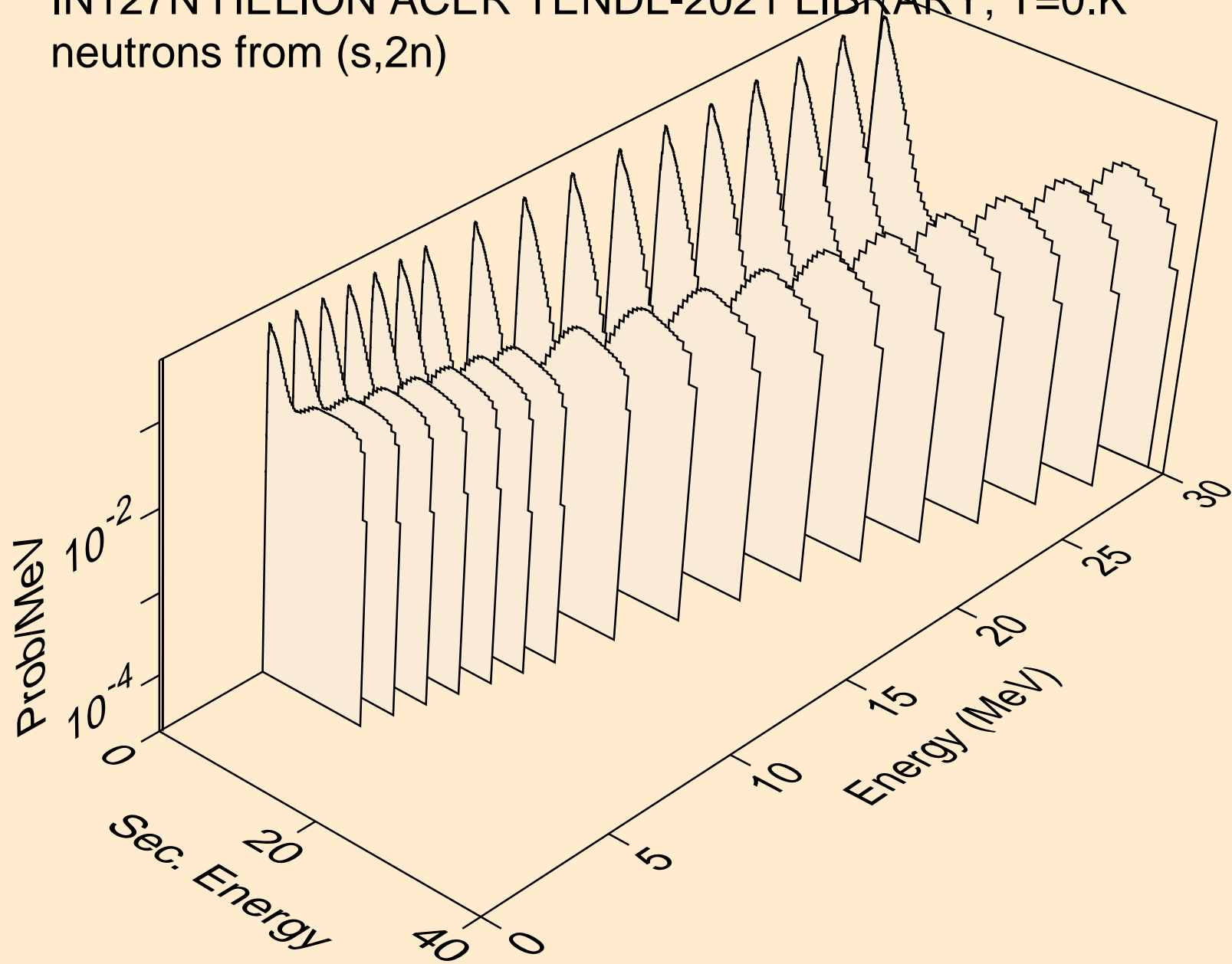
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neutrons from (s,x)



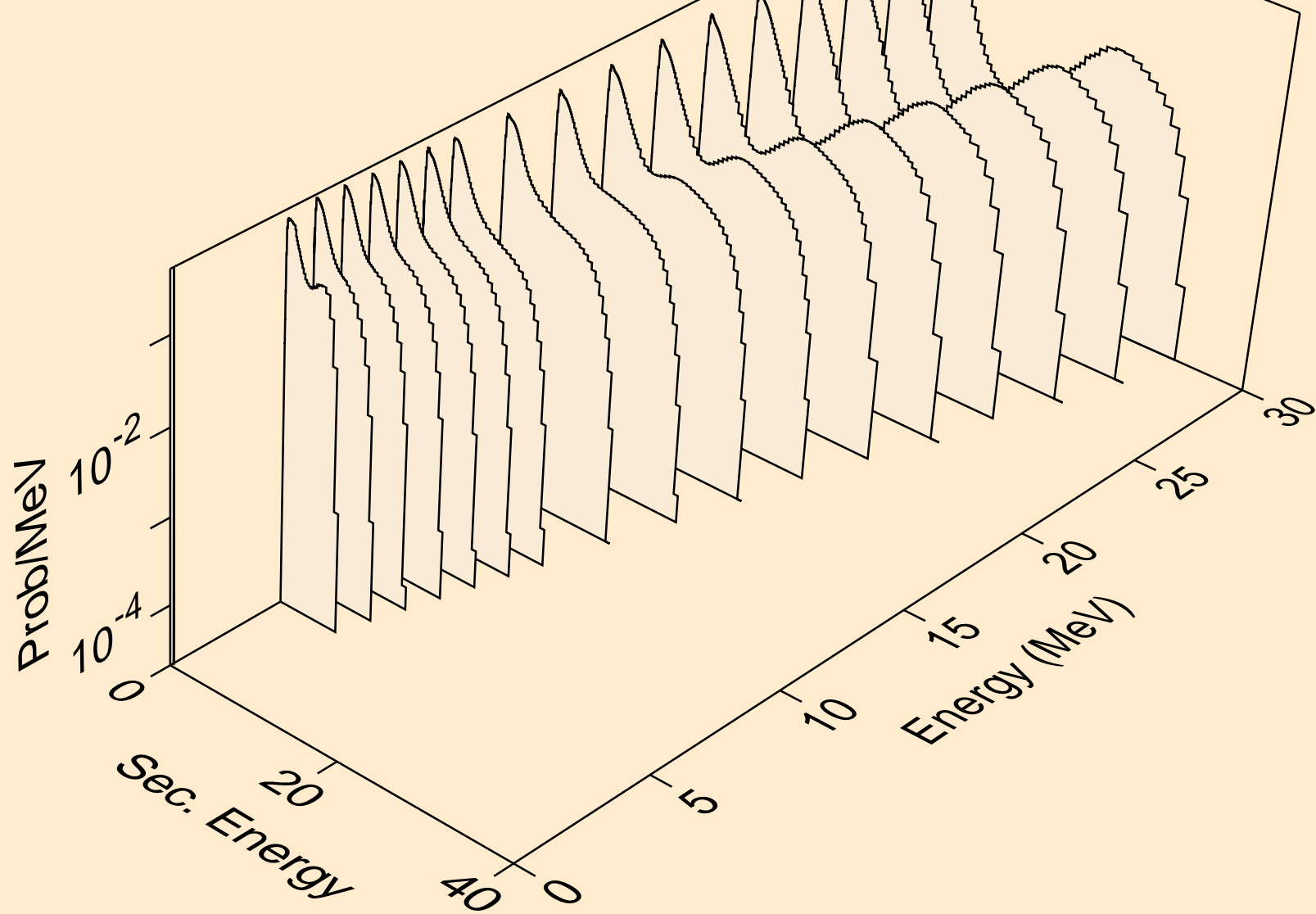
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neutrons from (s,2nd)



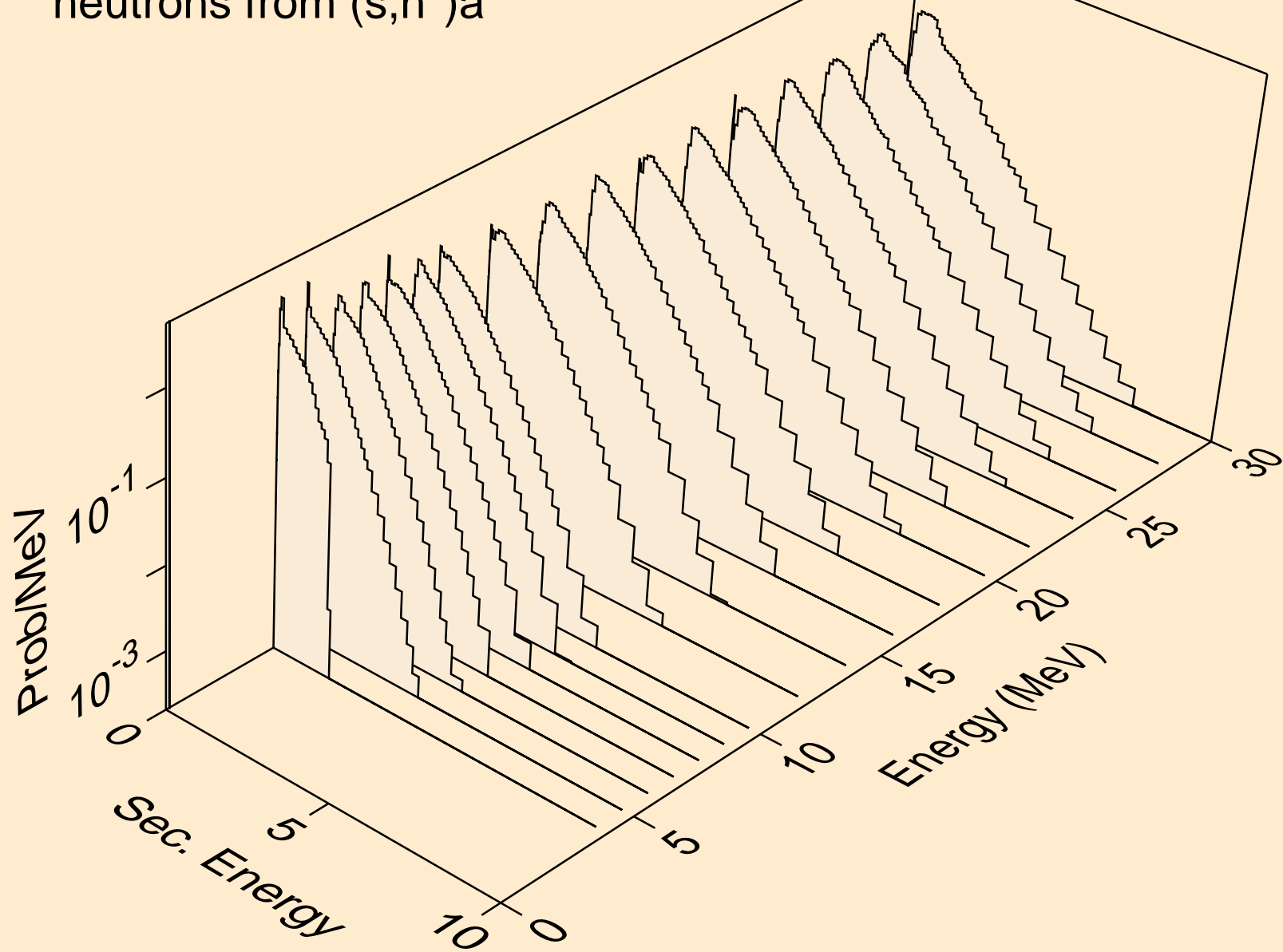
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neutrons from (s,2n)



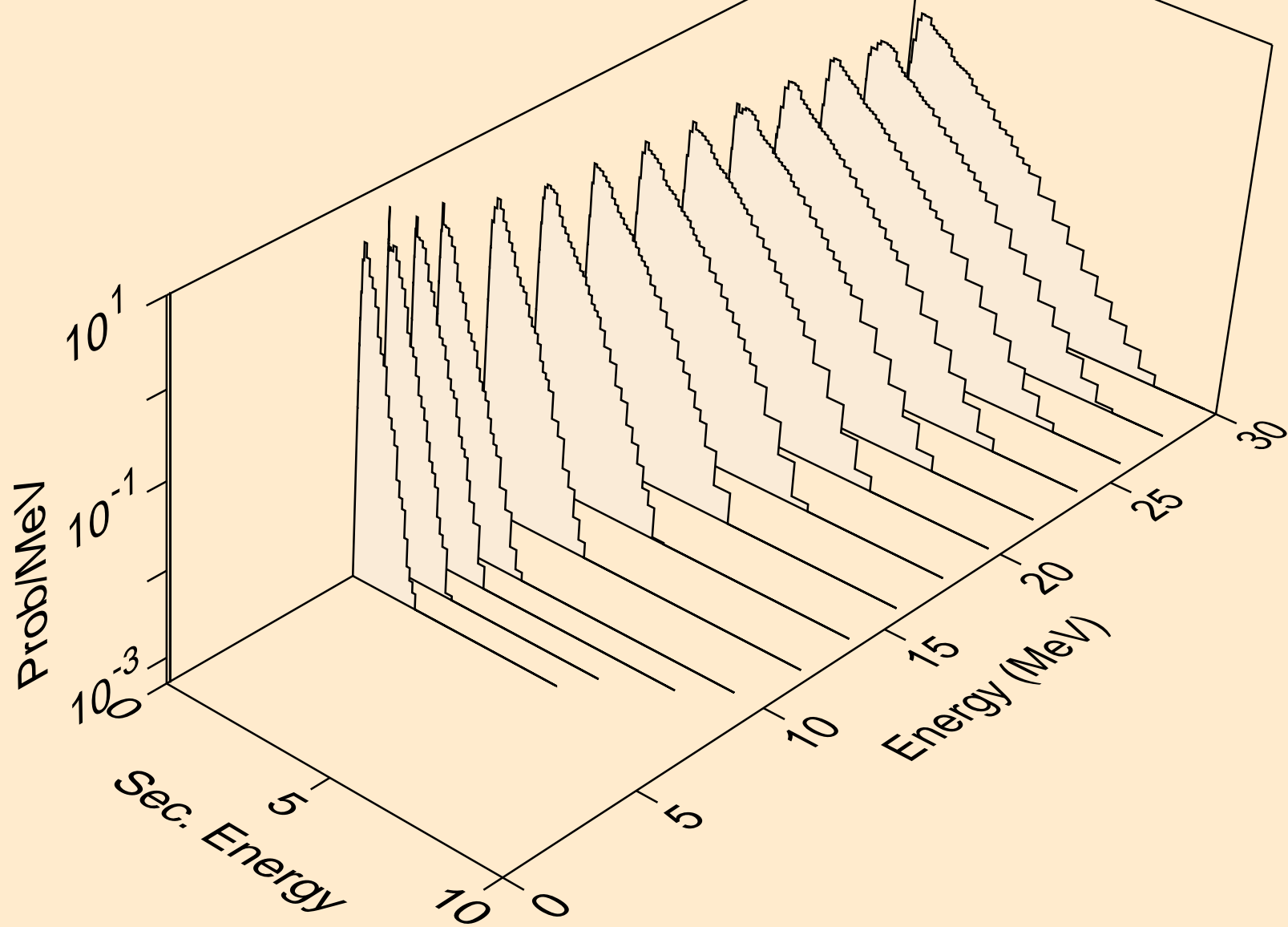
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neutrons from (s,3n)



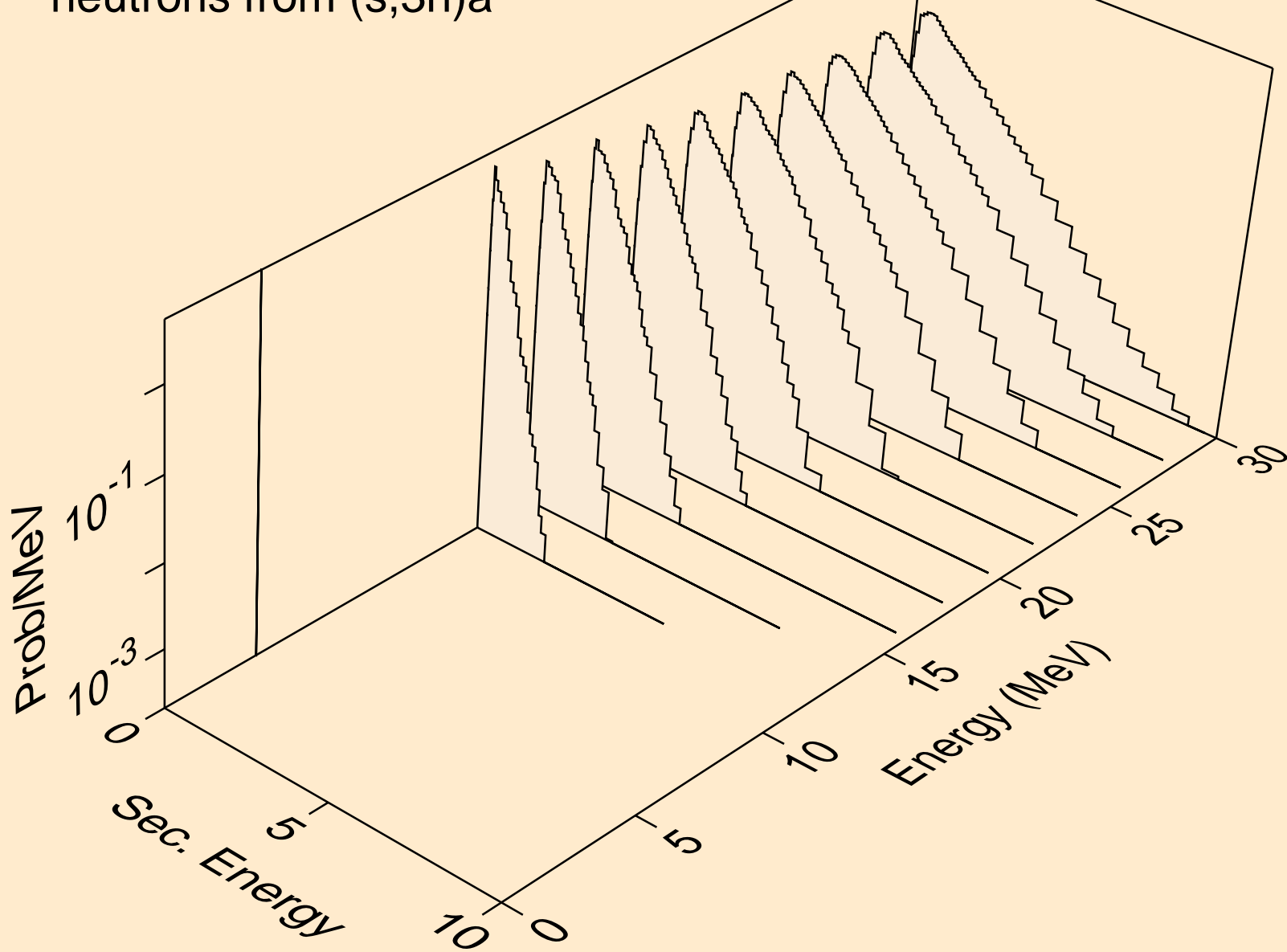
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



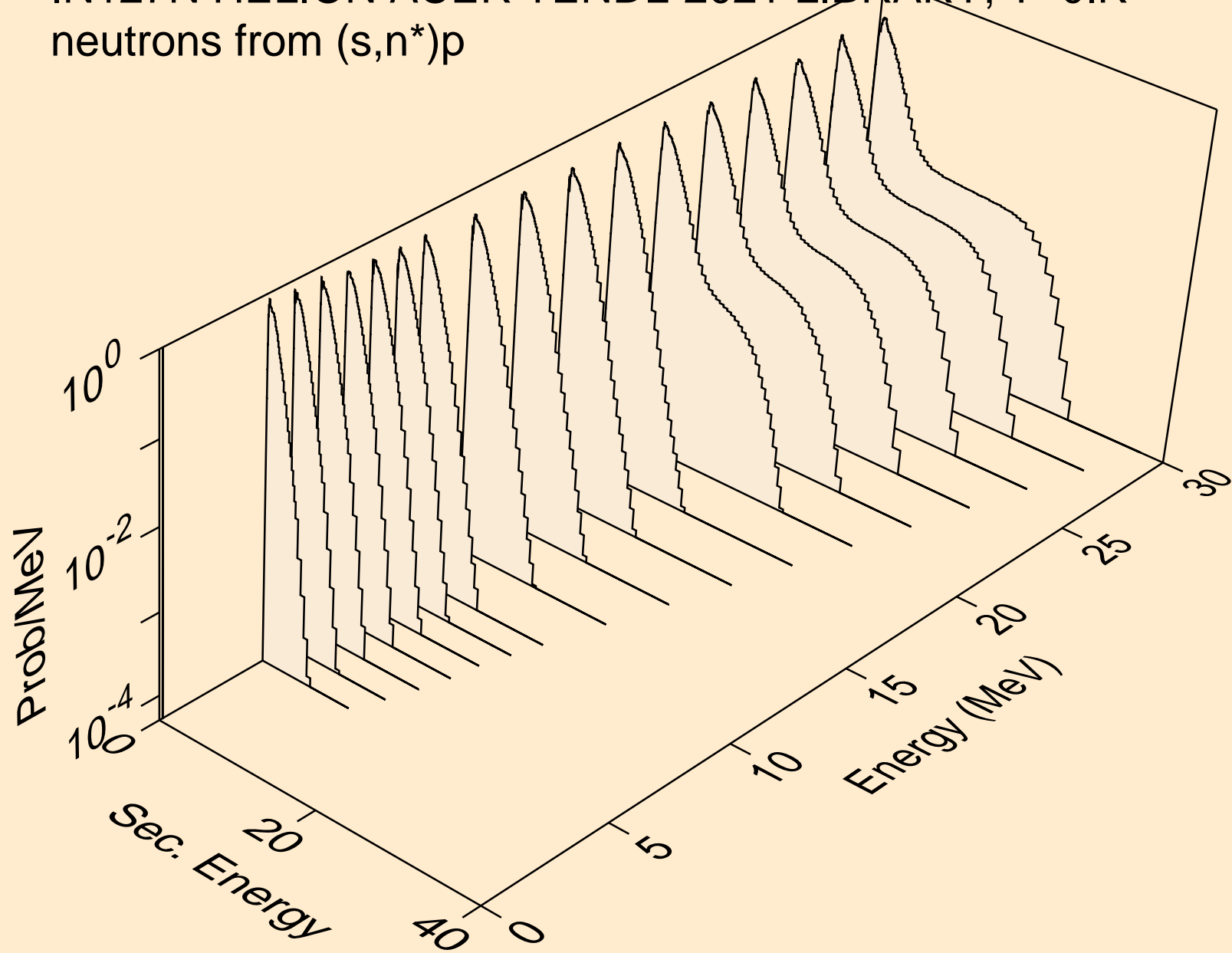
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a

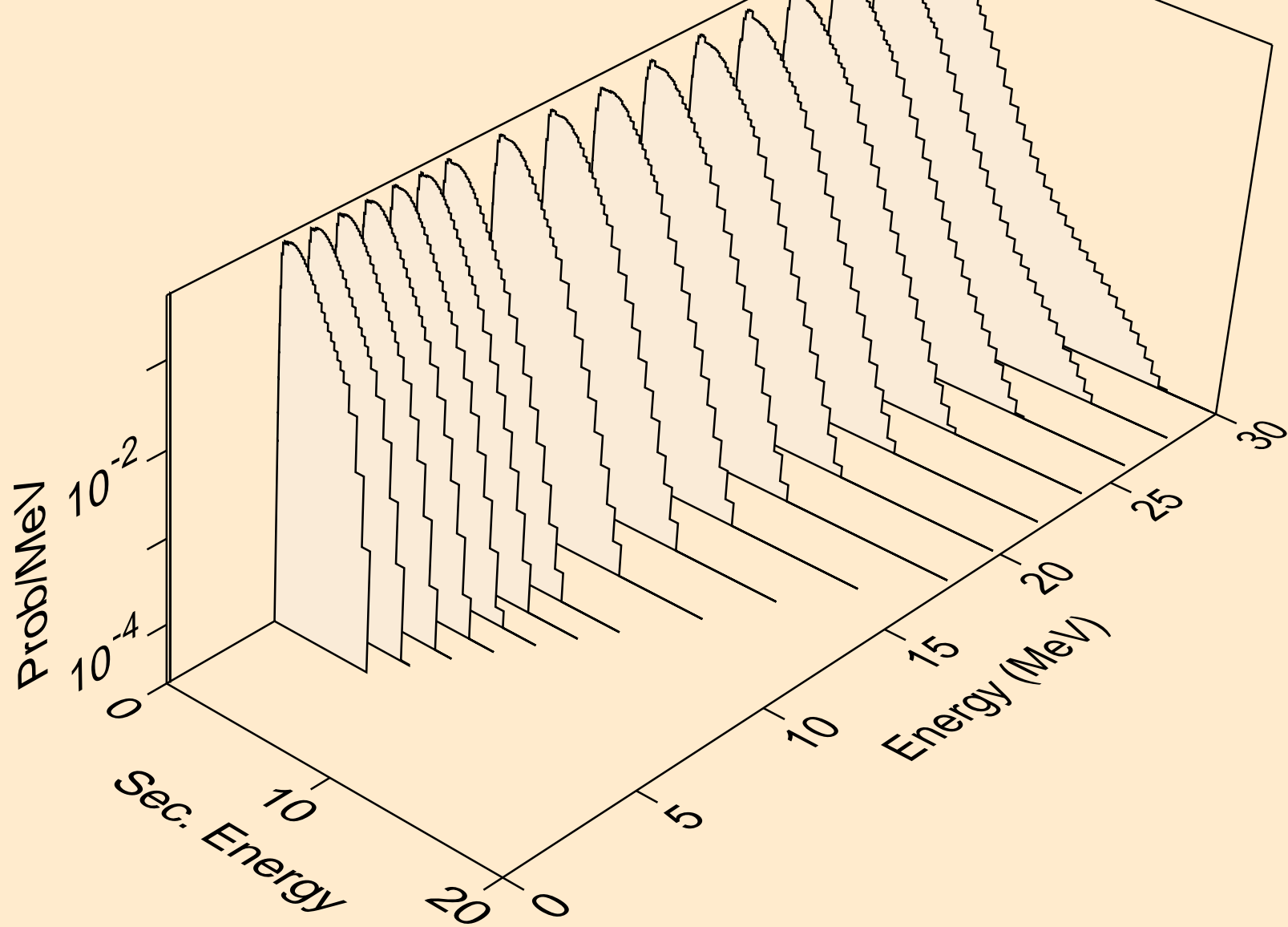


IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

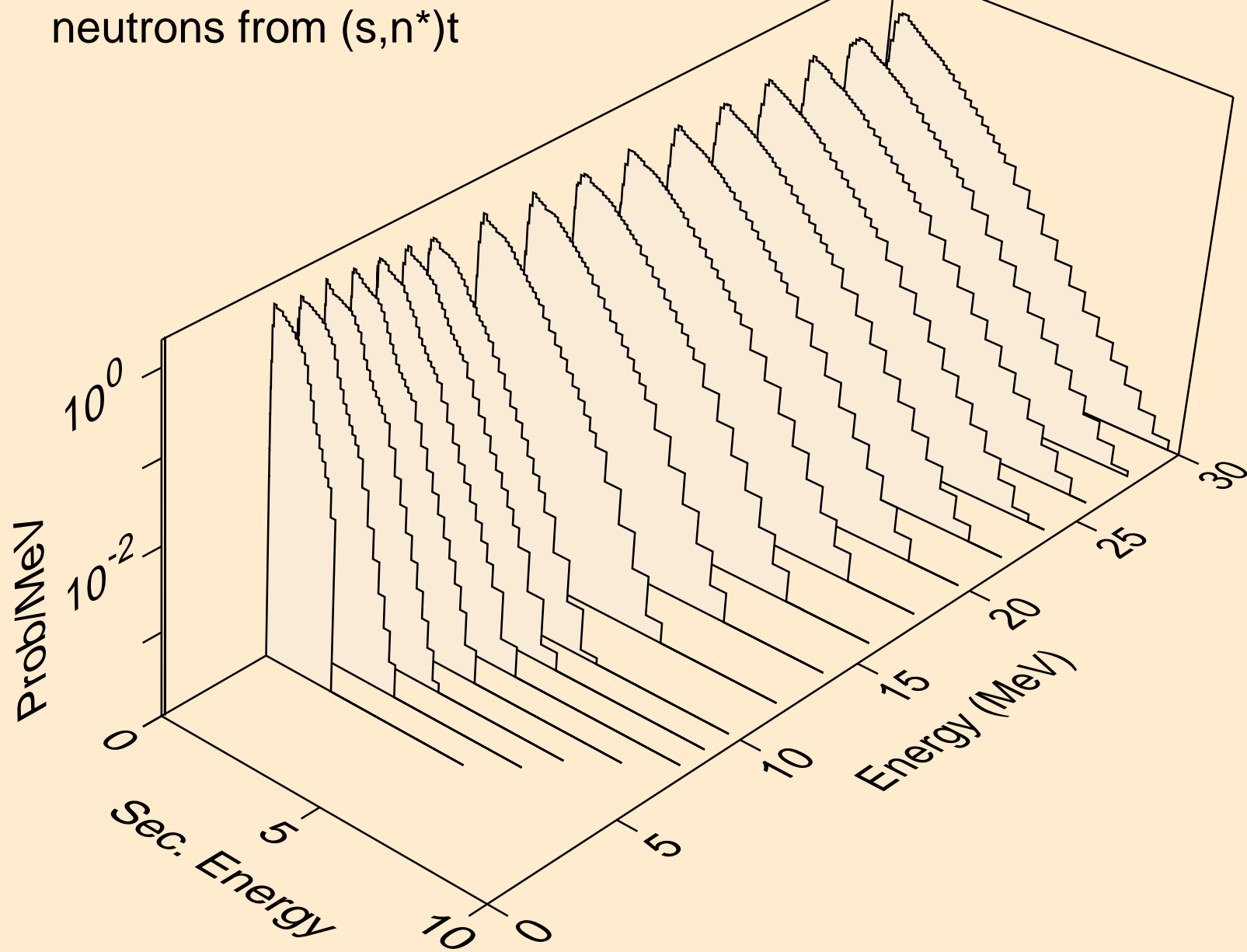




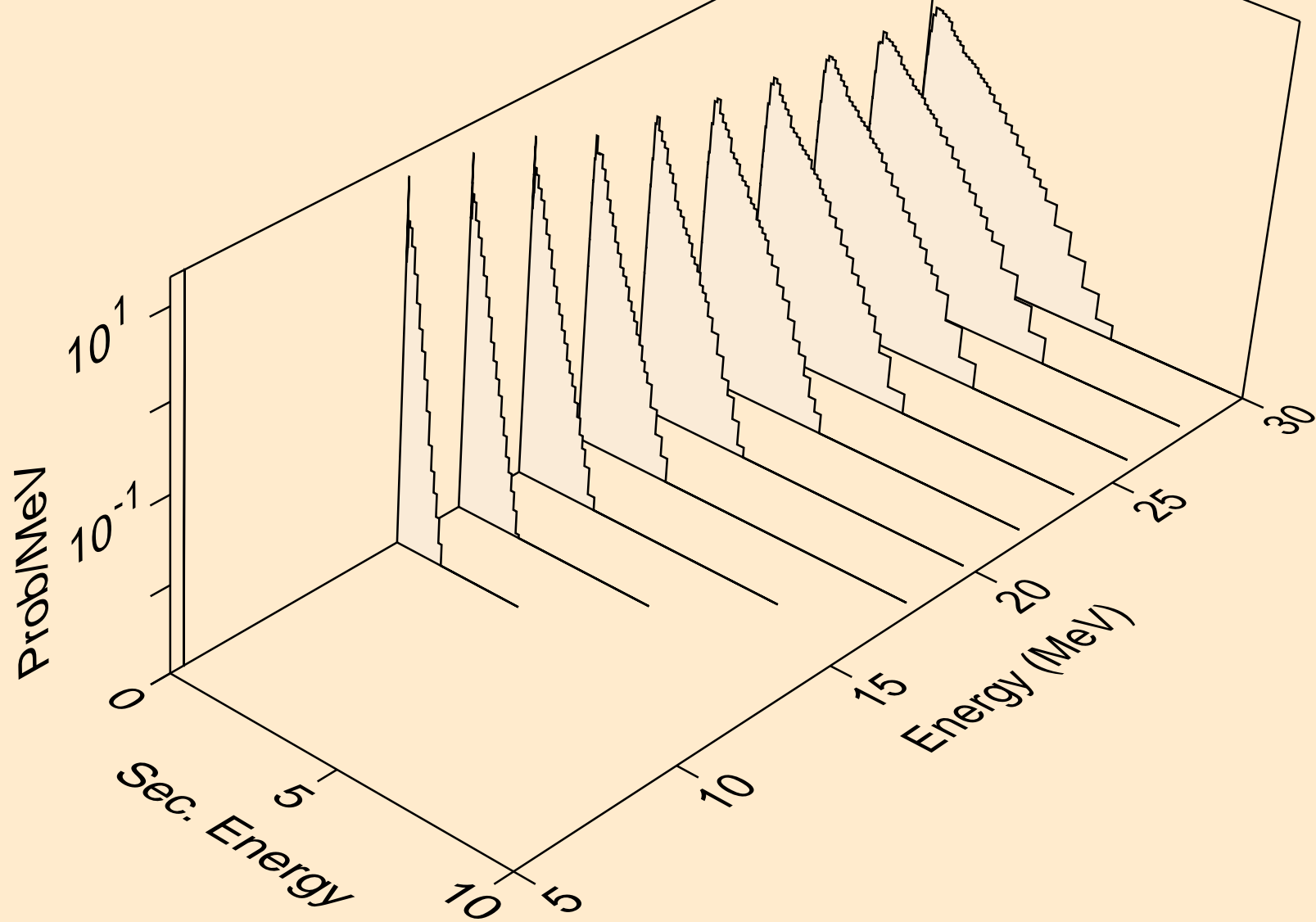
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neutrons from (s,n\*)d



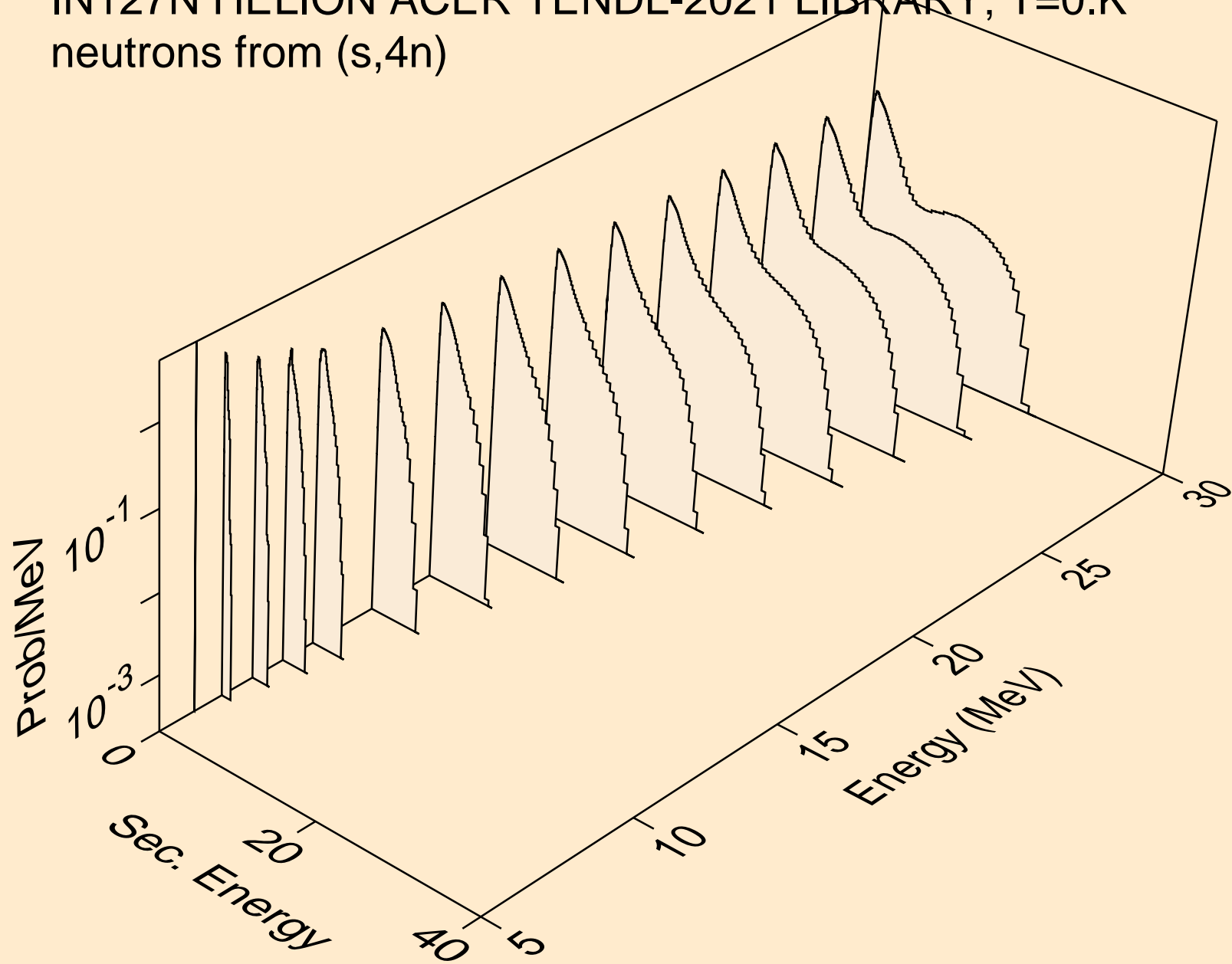
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



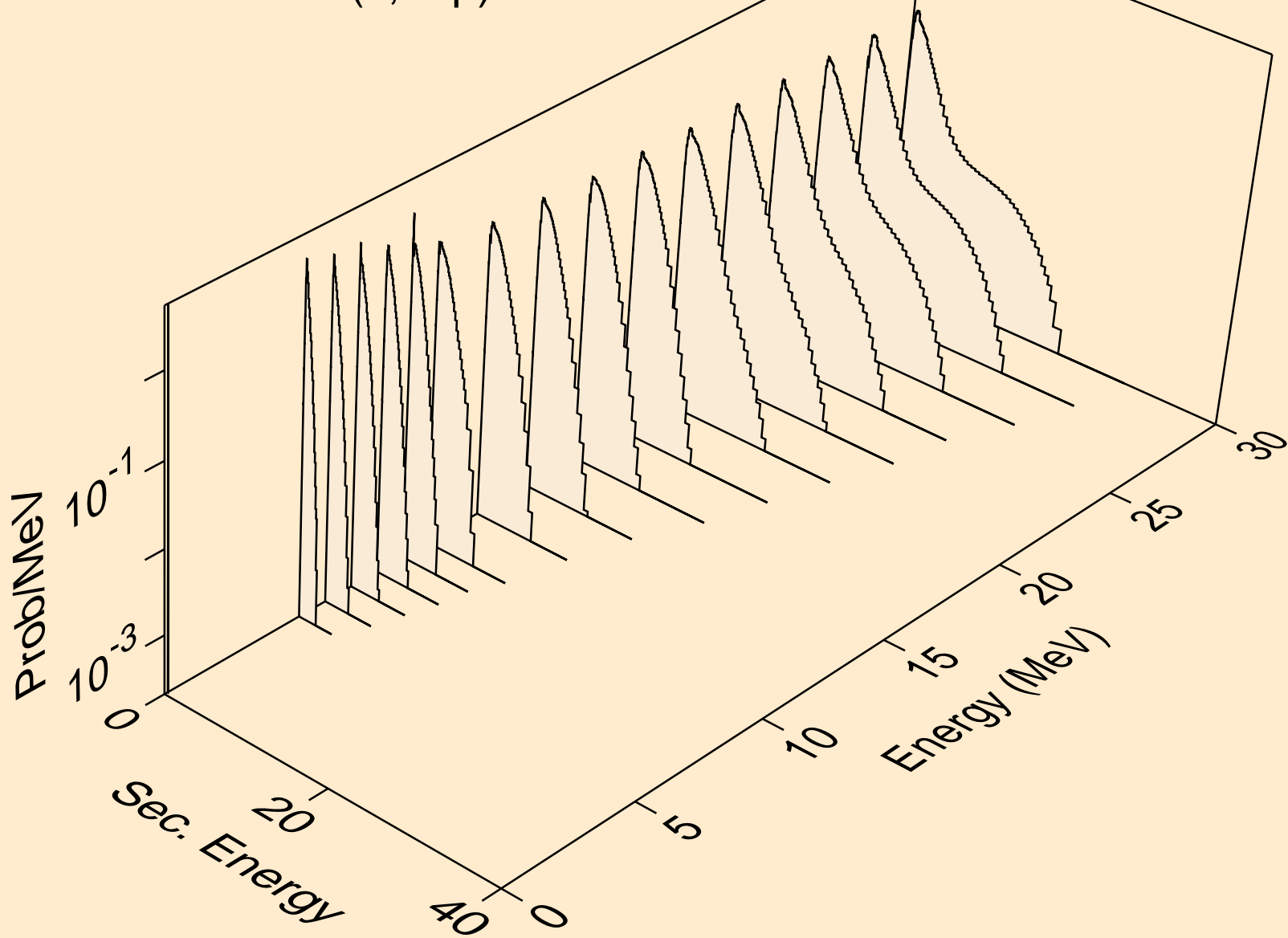
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



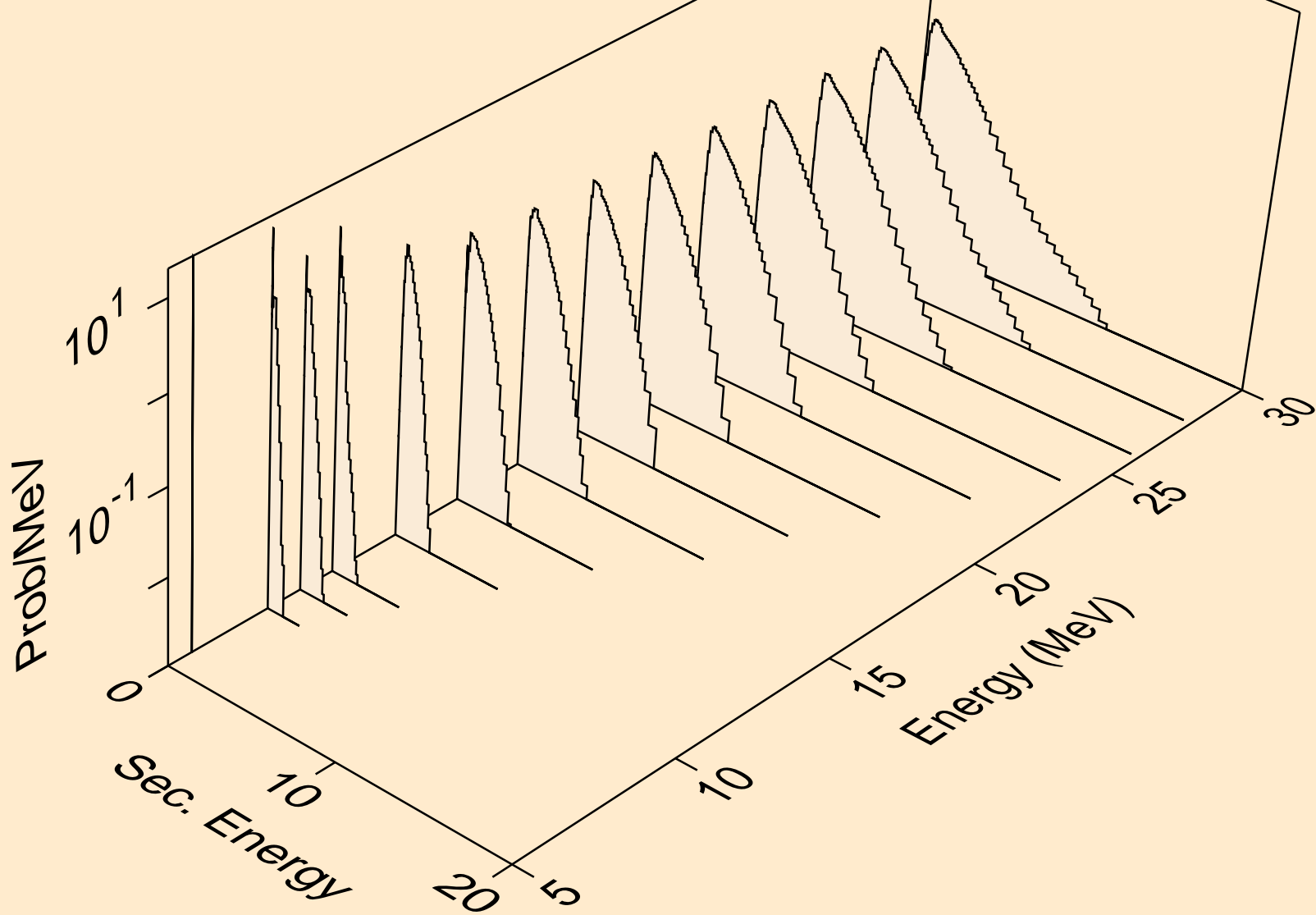
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,4n)



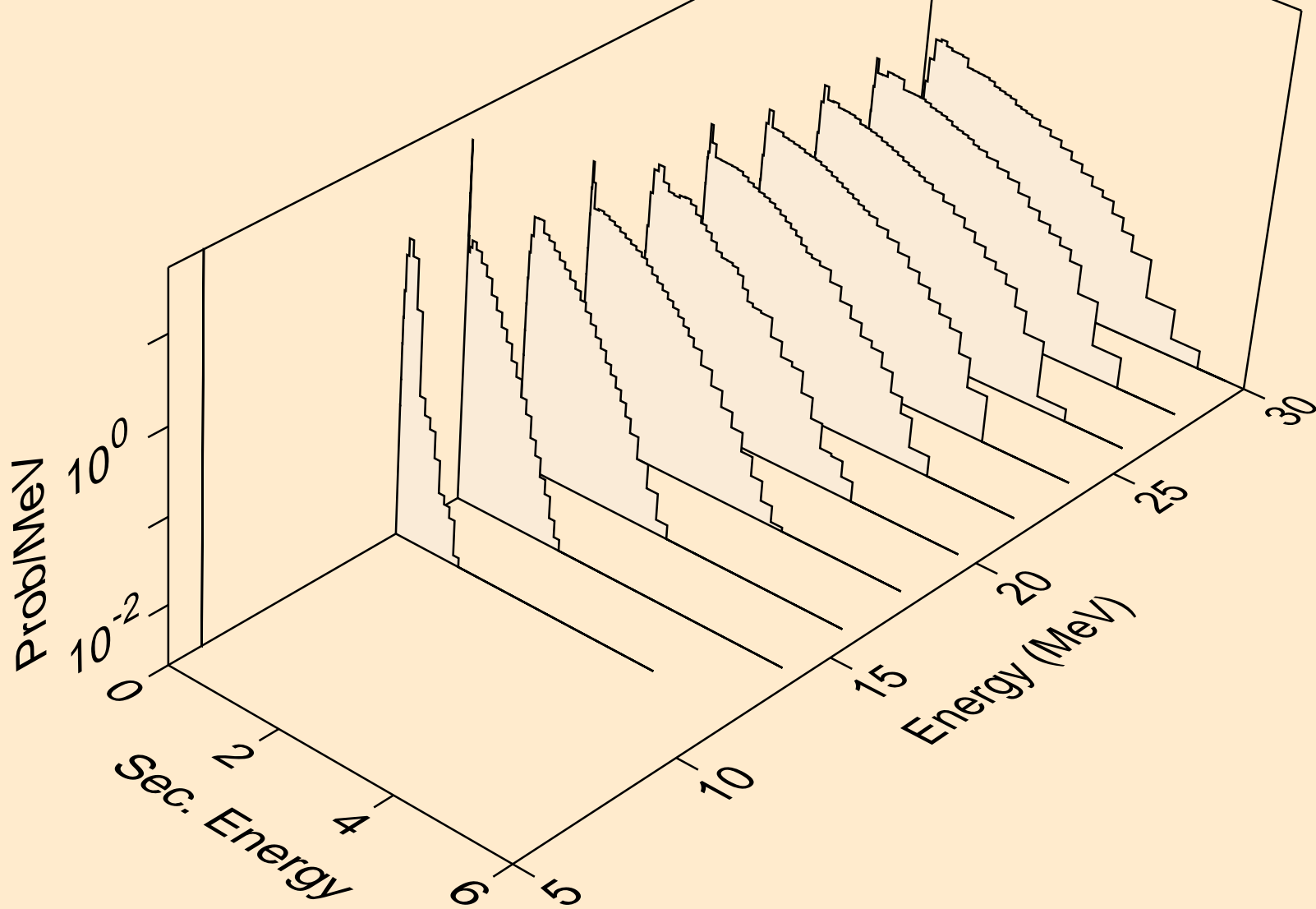
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neutrons from (s,2np)



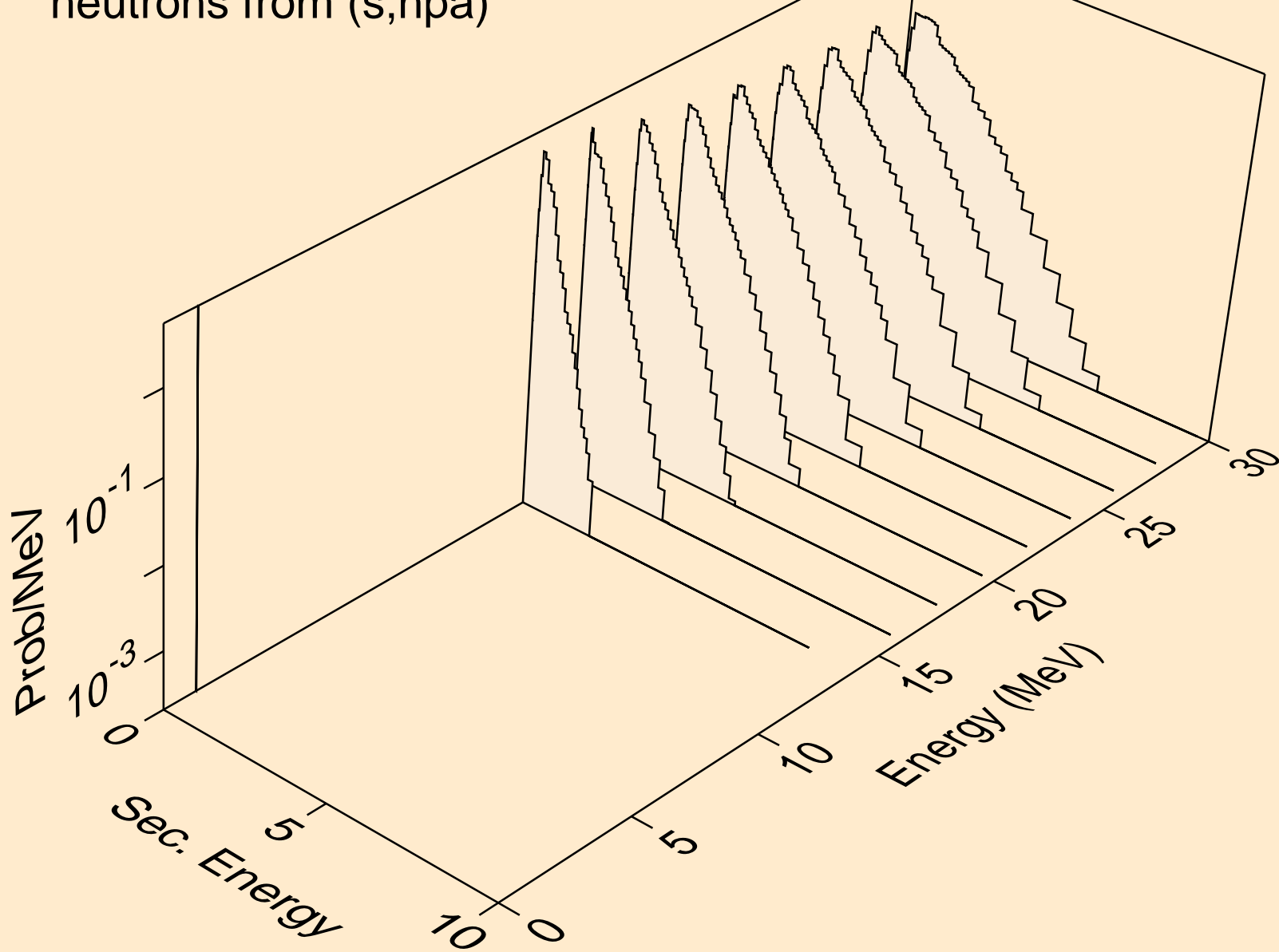
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

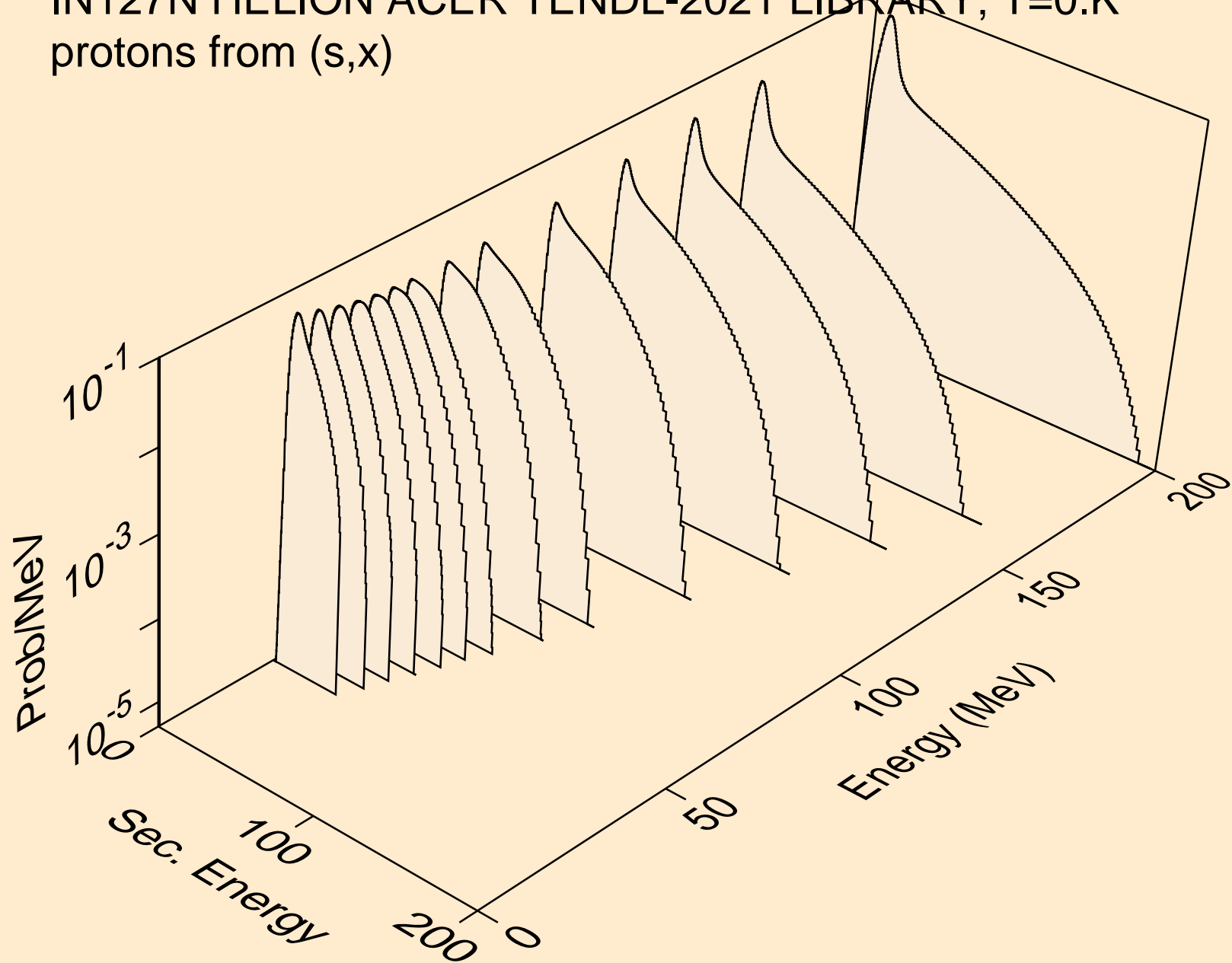


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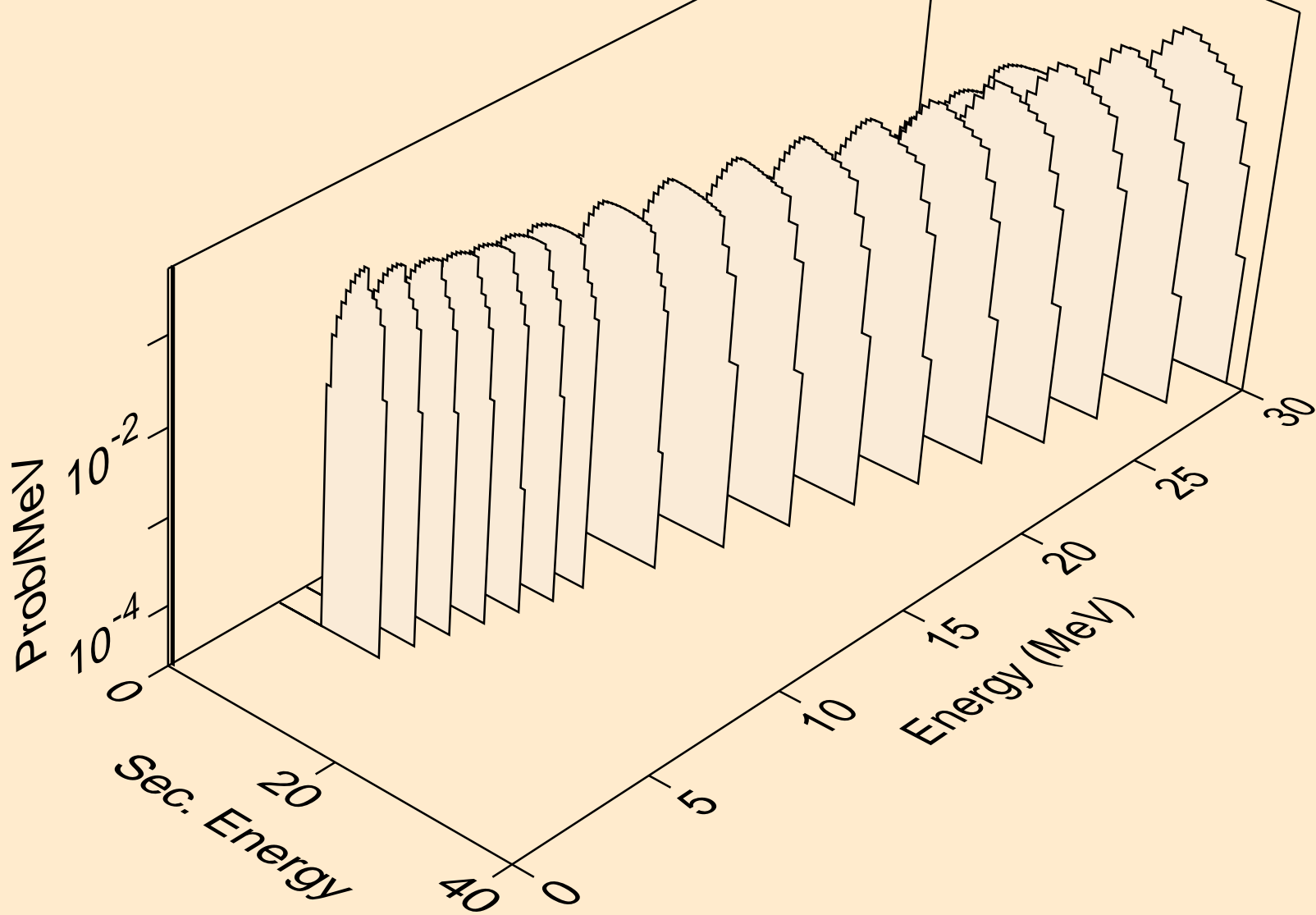




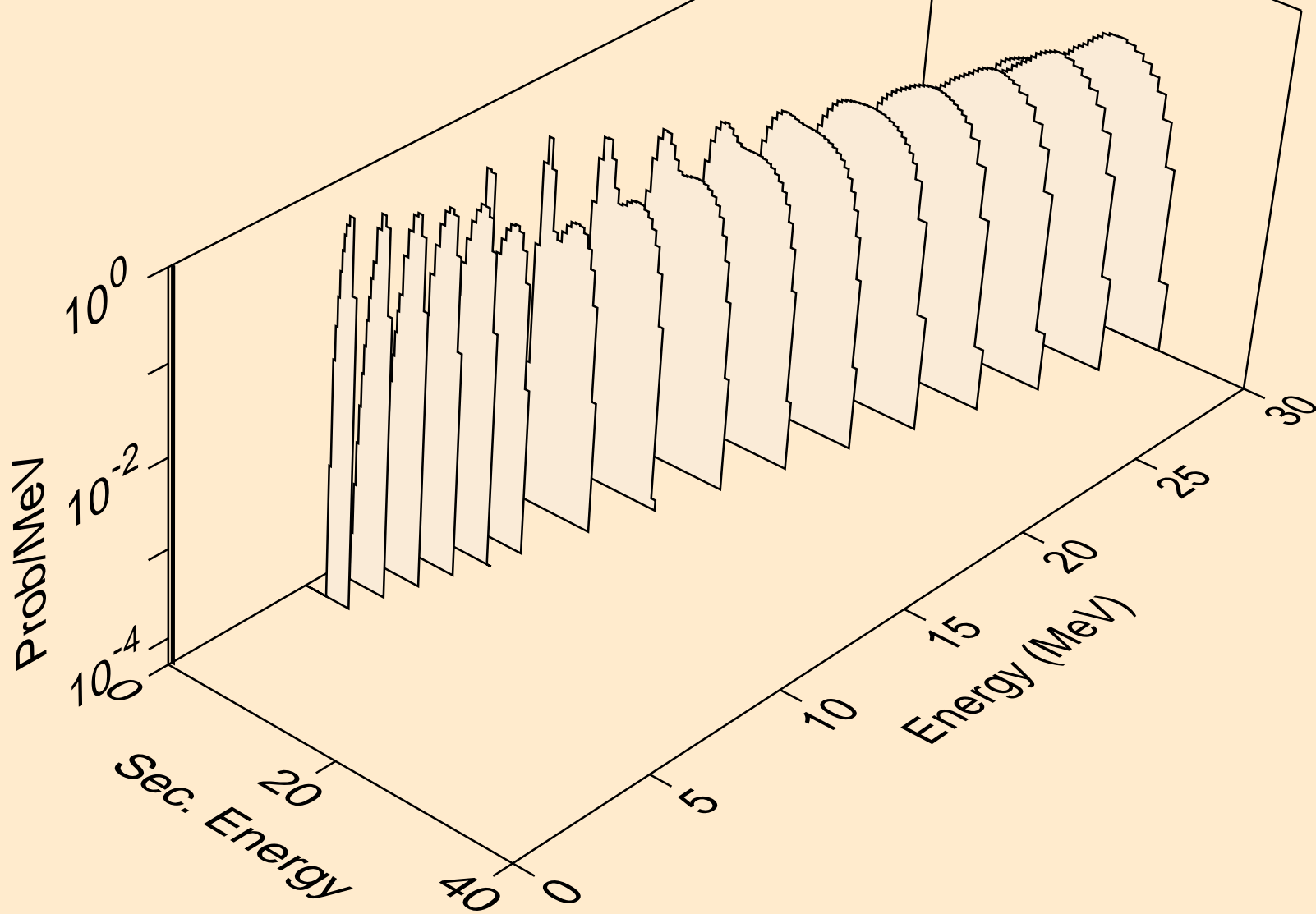
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protons from (s,x)



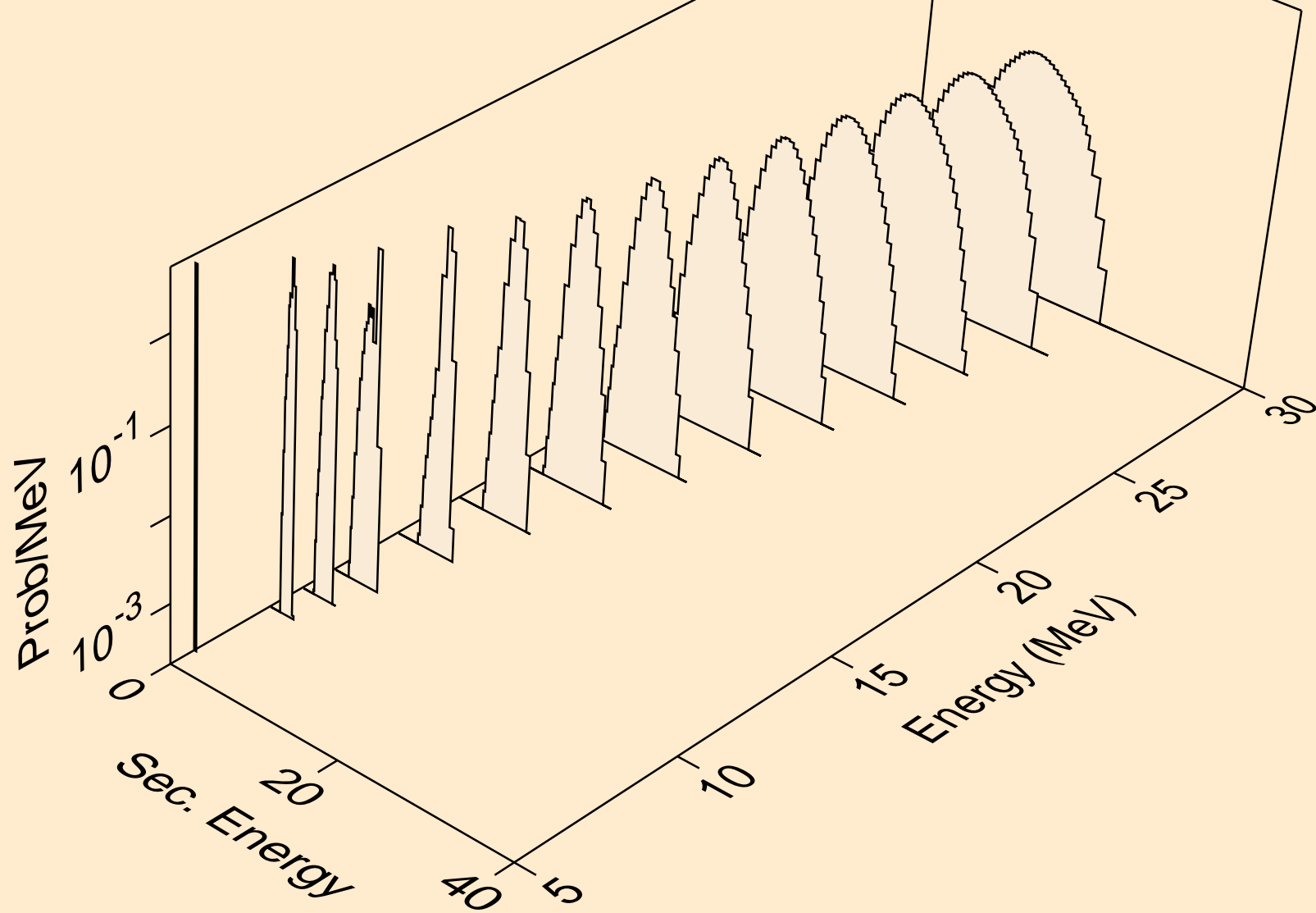
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



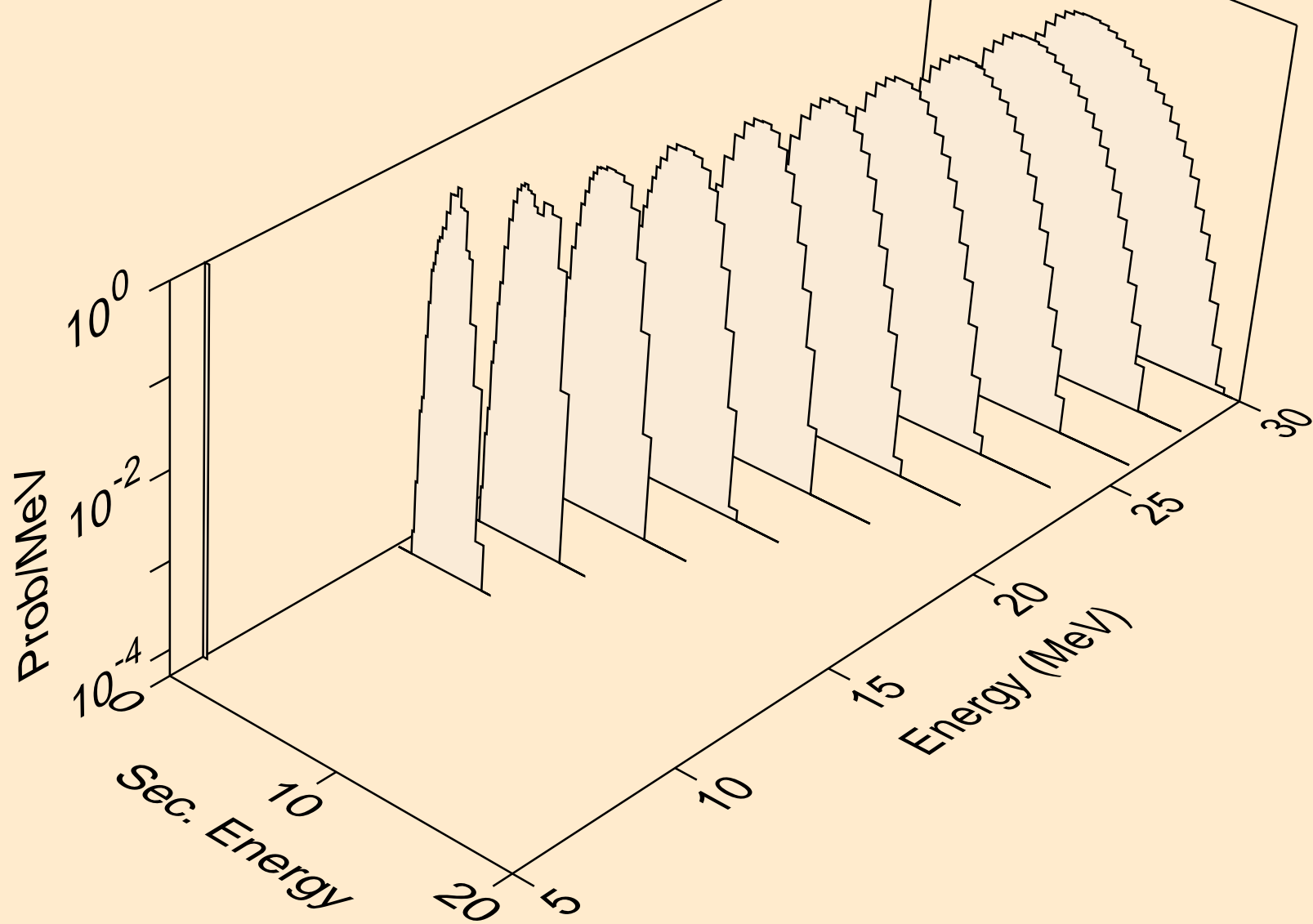
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protons from (s,2np)



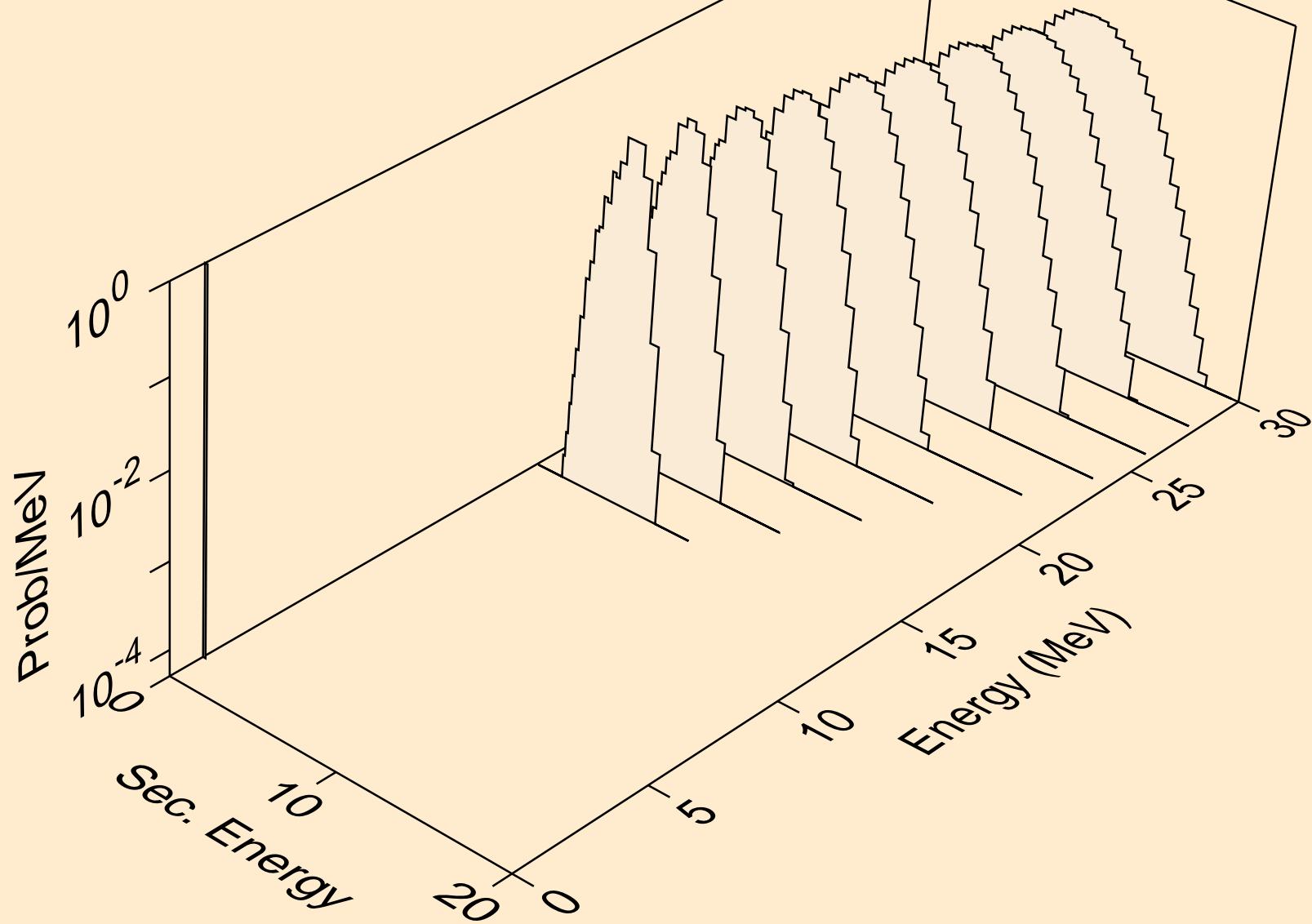
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protons from (s,3np)



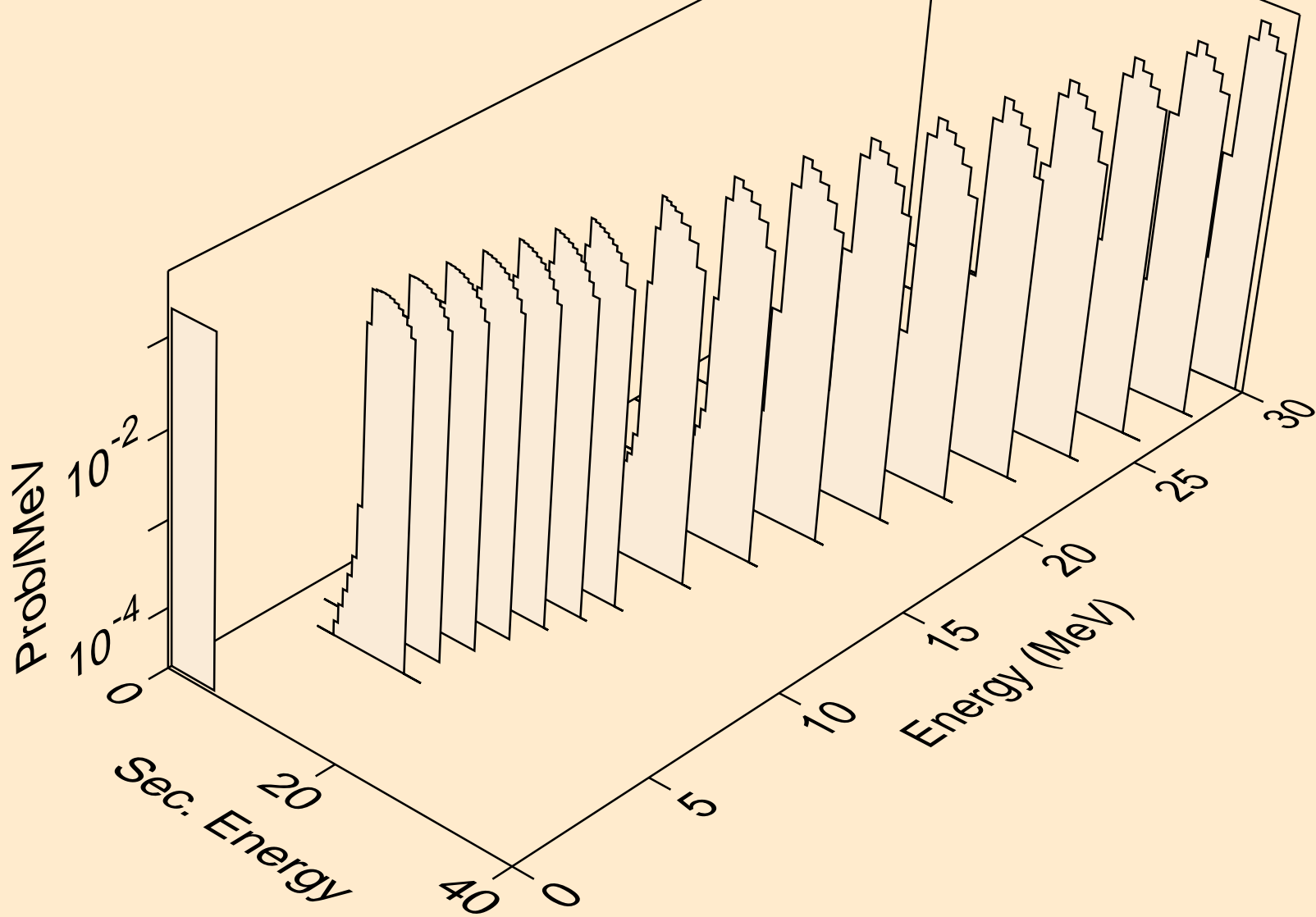
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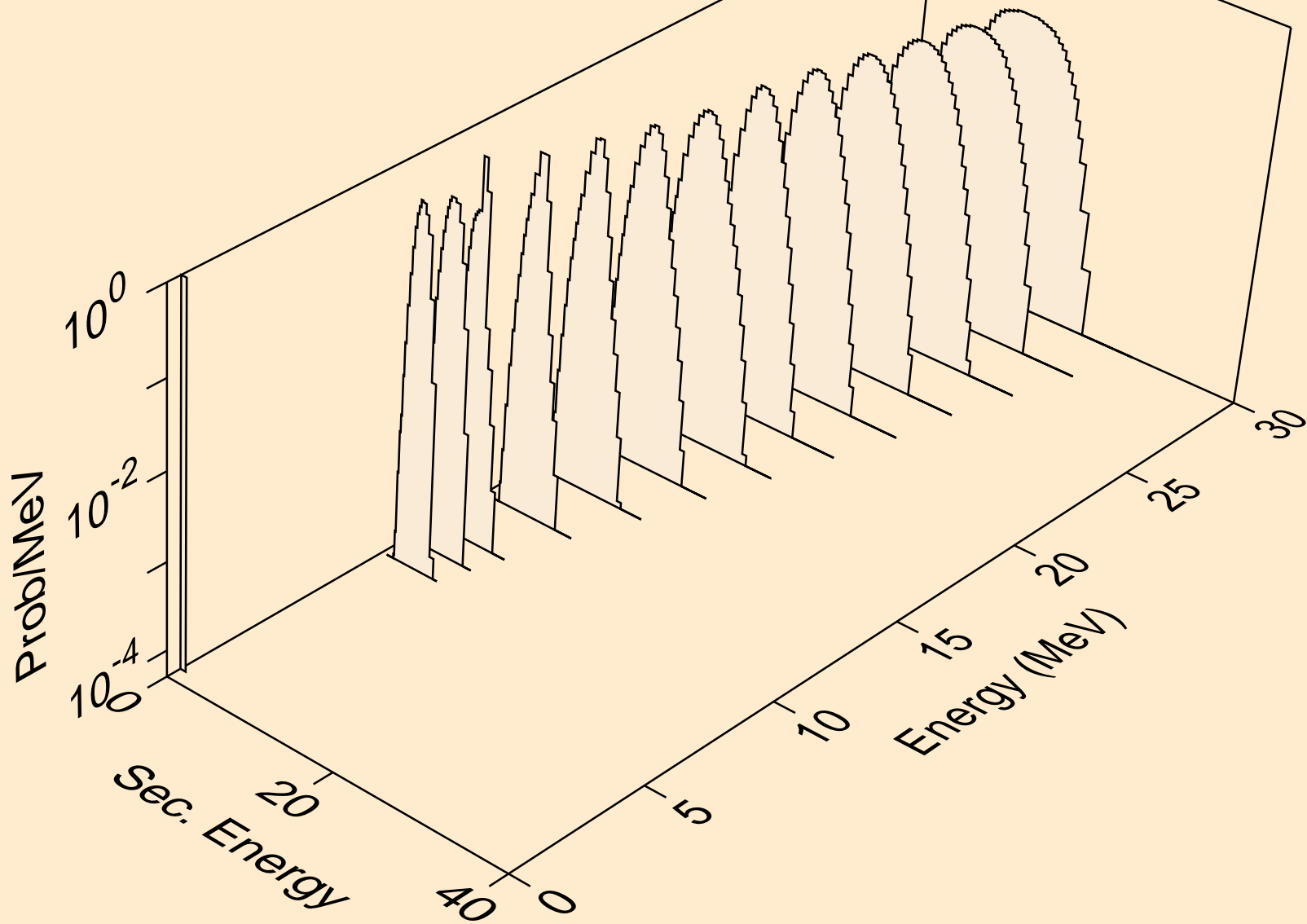
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)

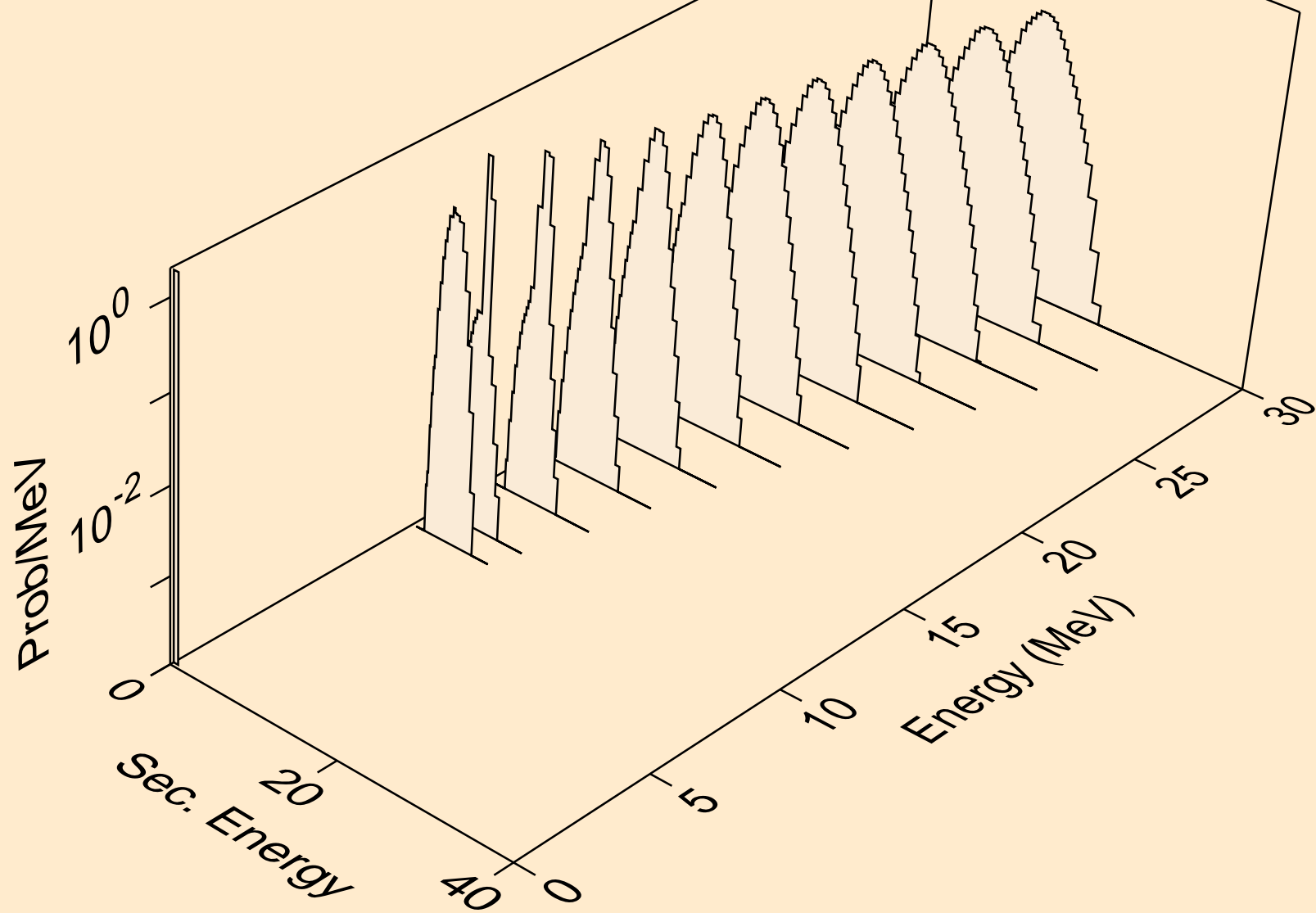


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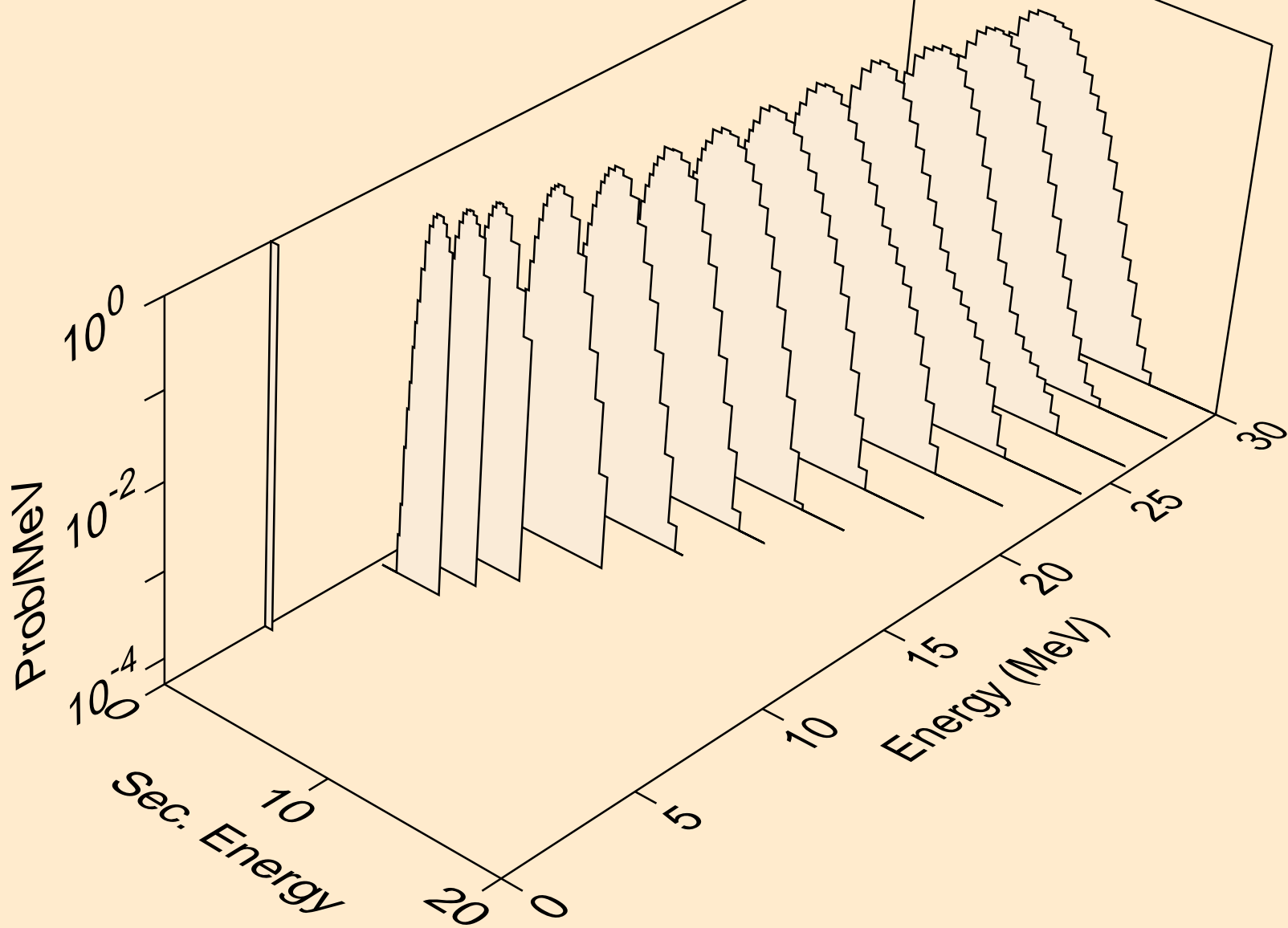




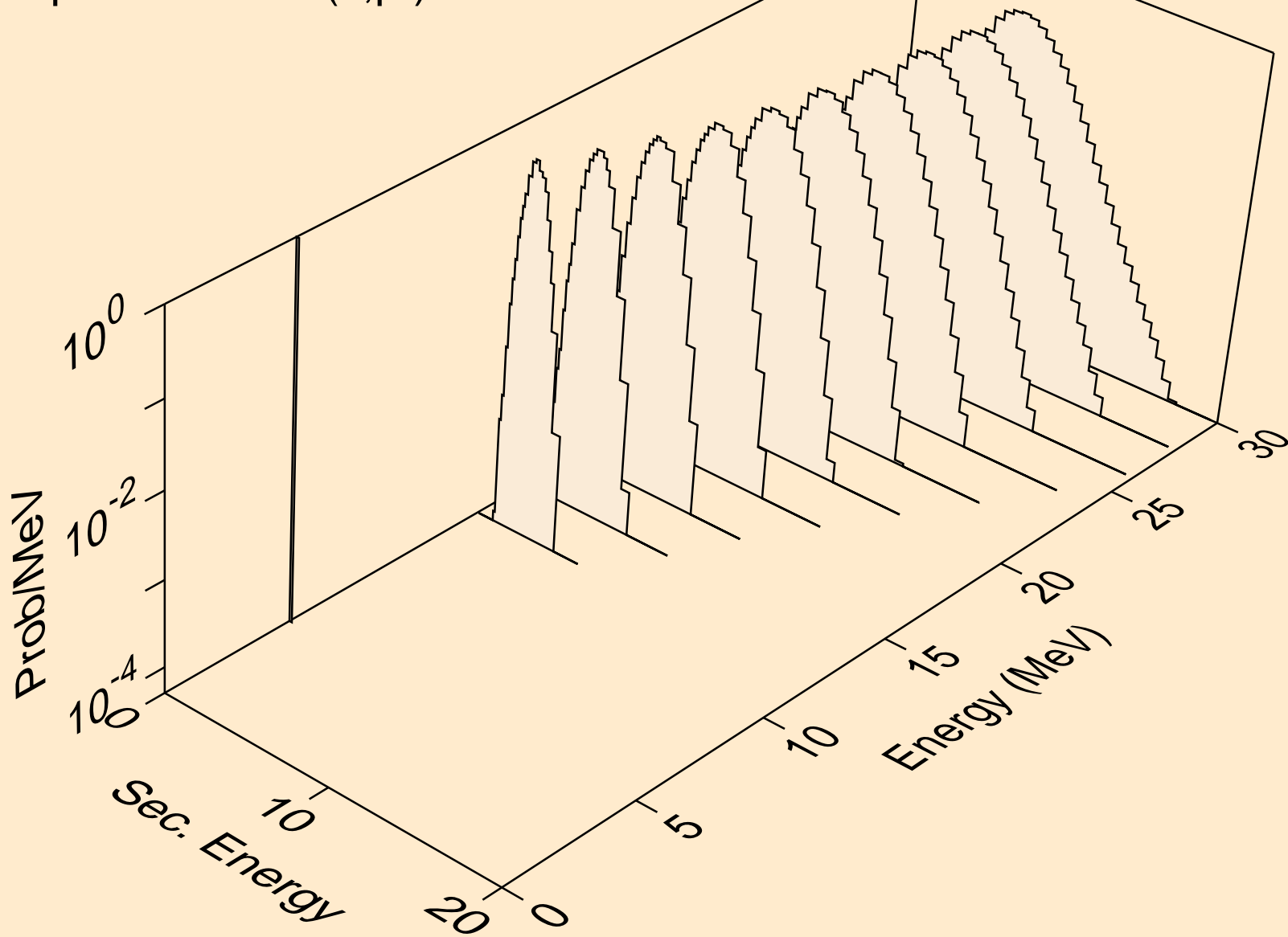
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protons from (s,pa)



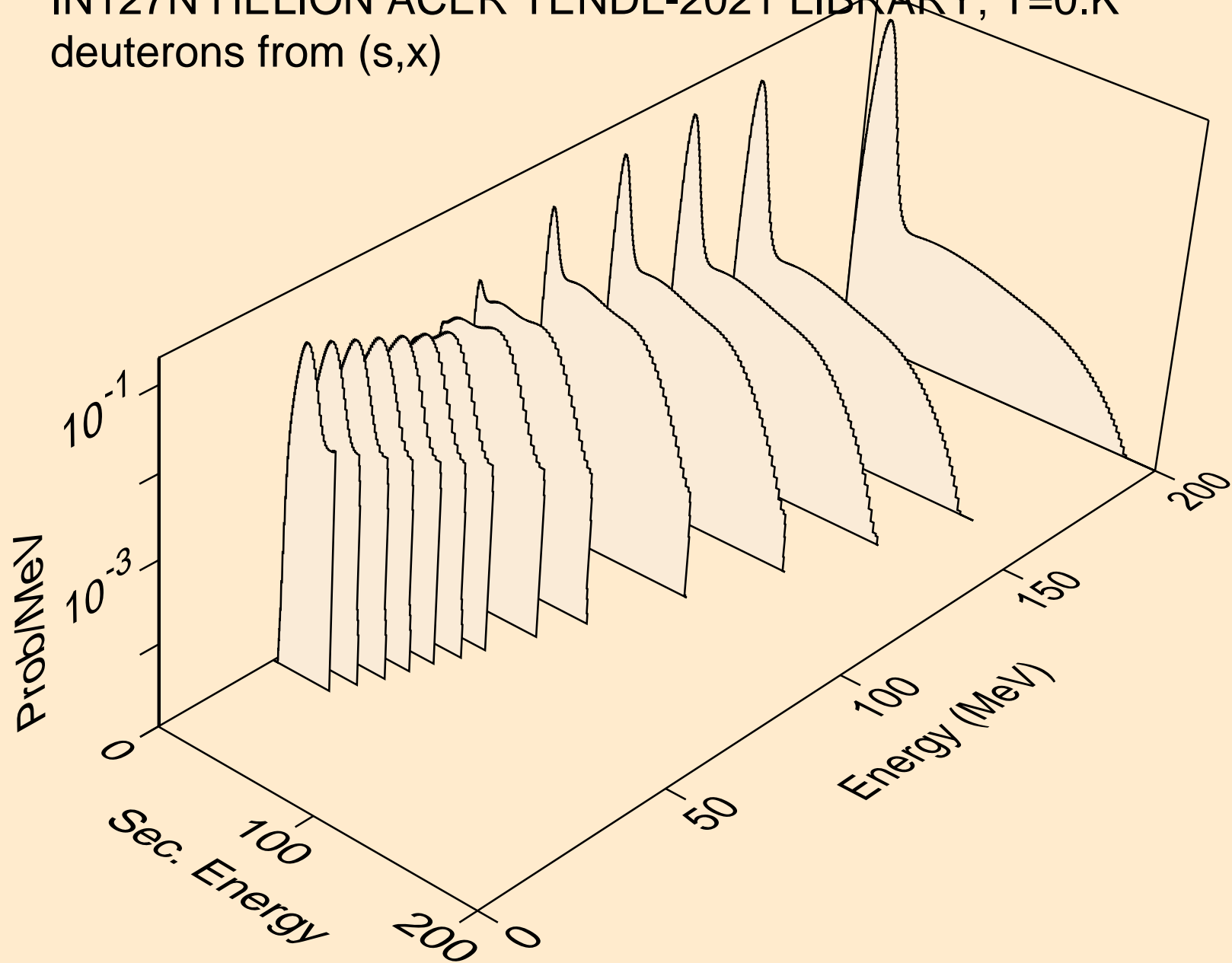
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protons from (s,pd)



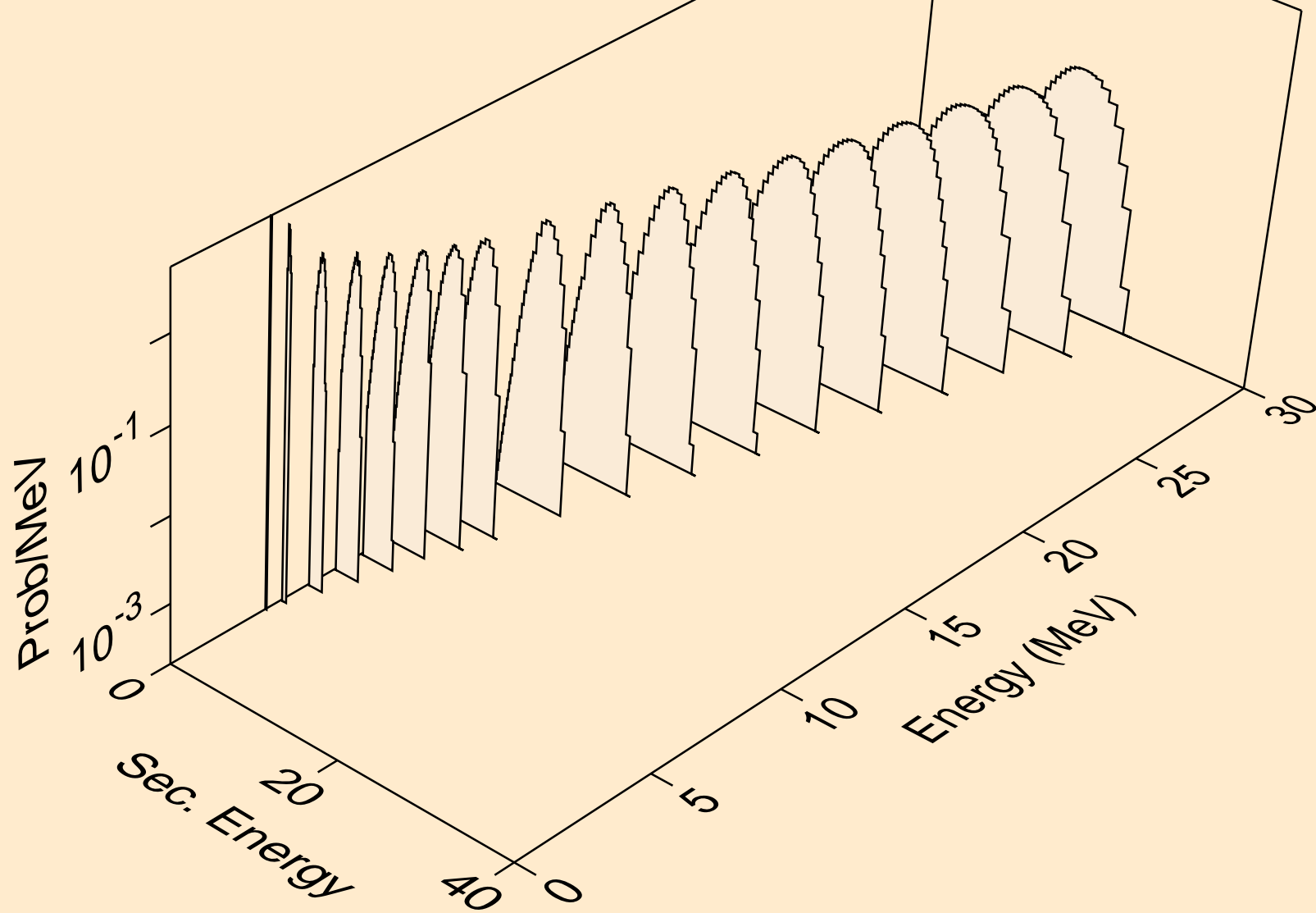
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protons from (s,pt)



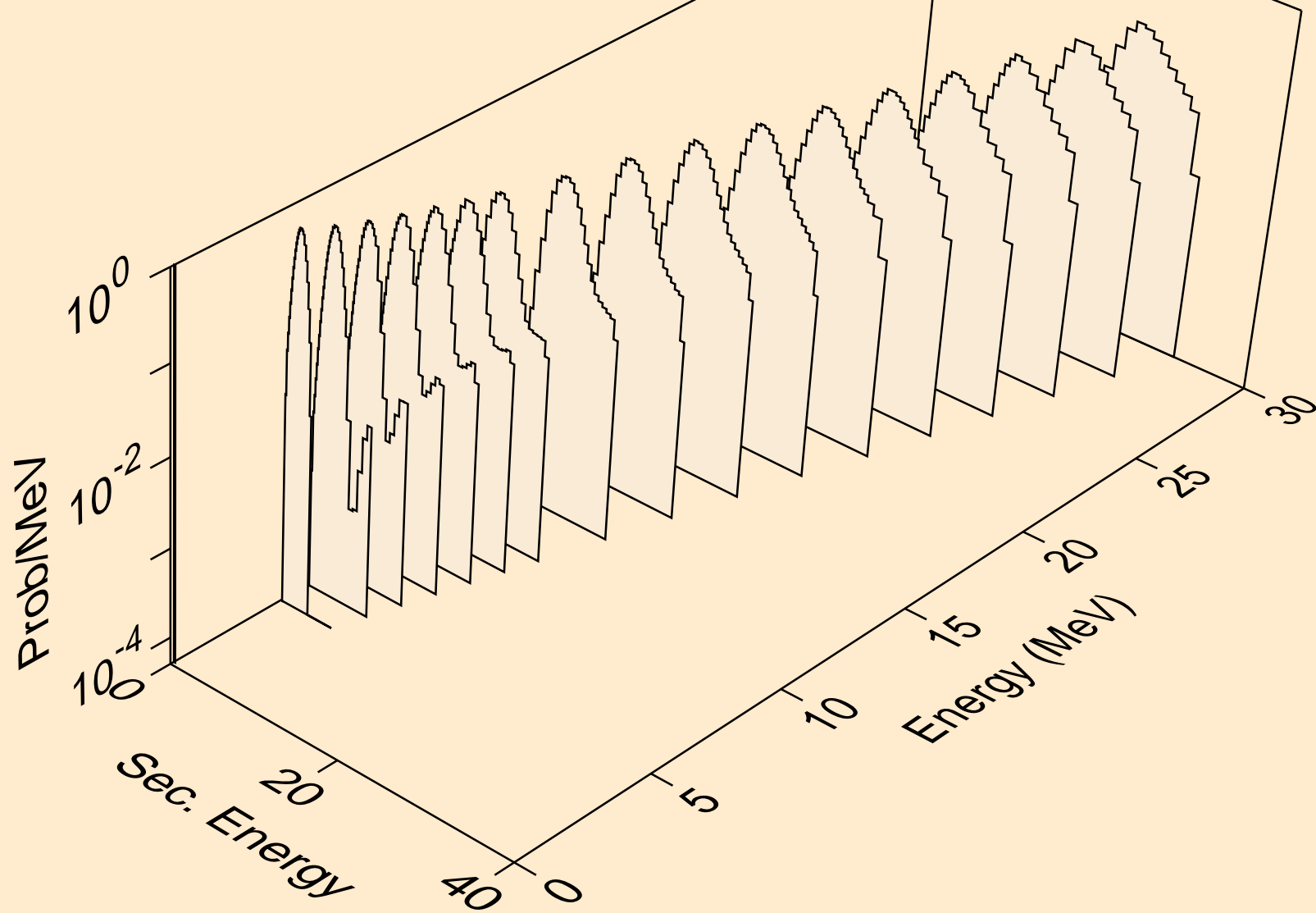
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deuterons from (s,x)



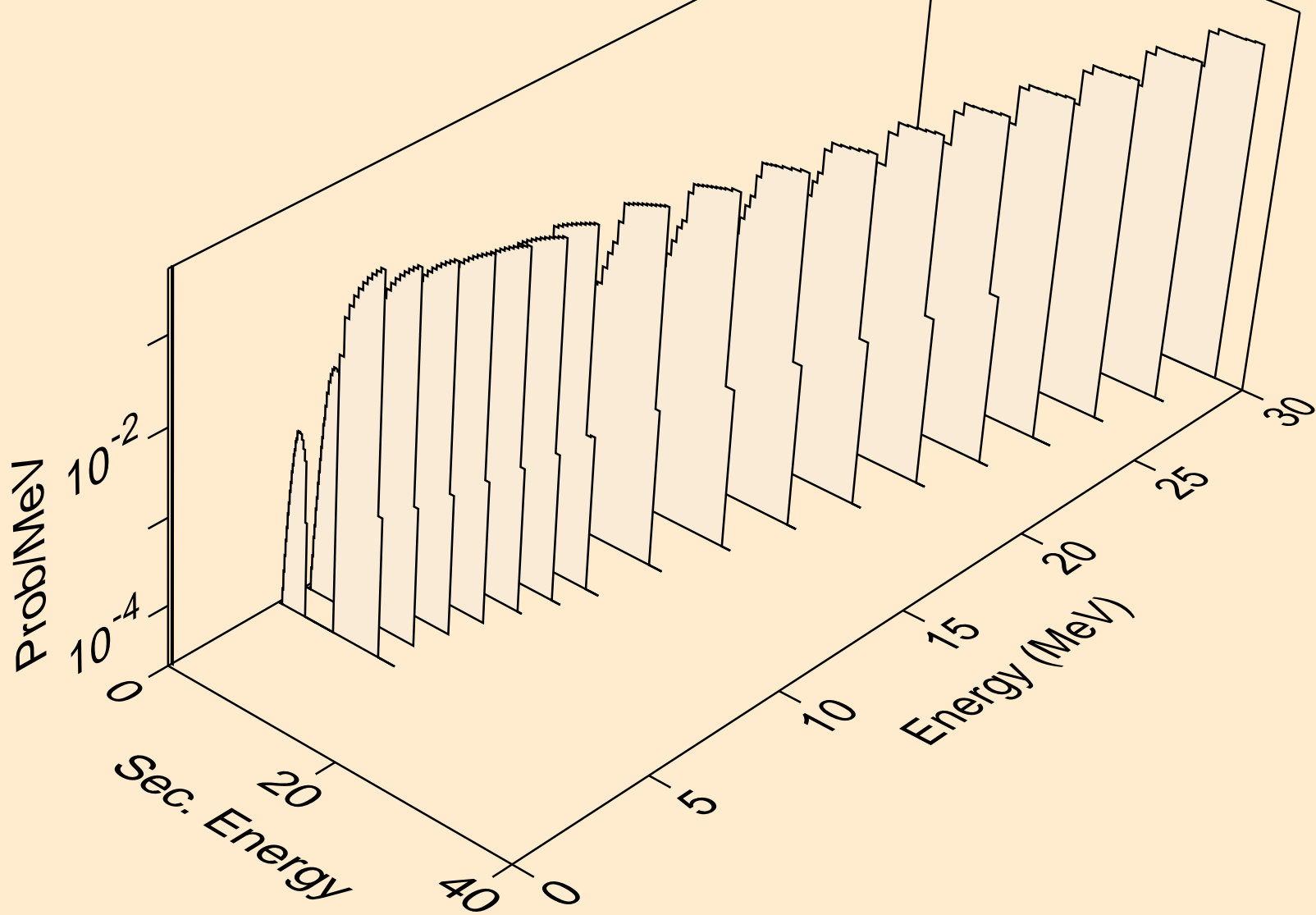
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deuterons from (s,2nd)



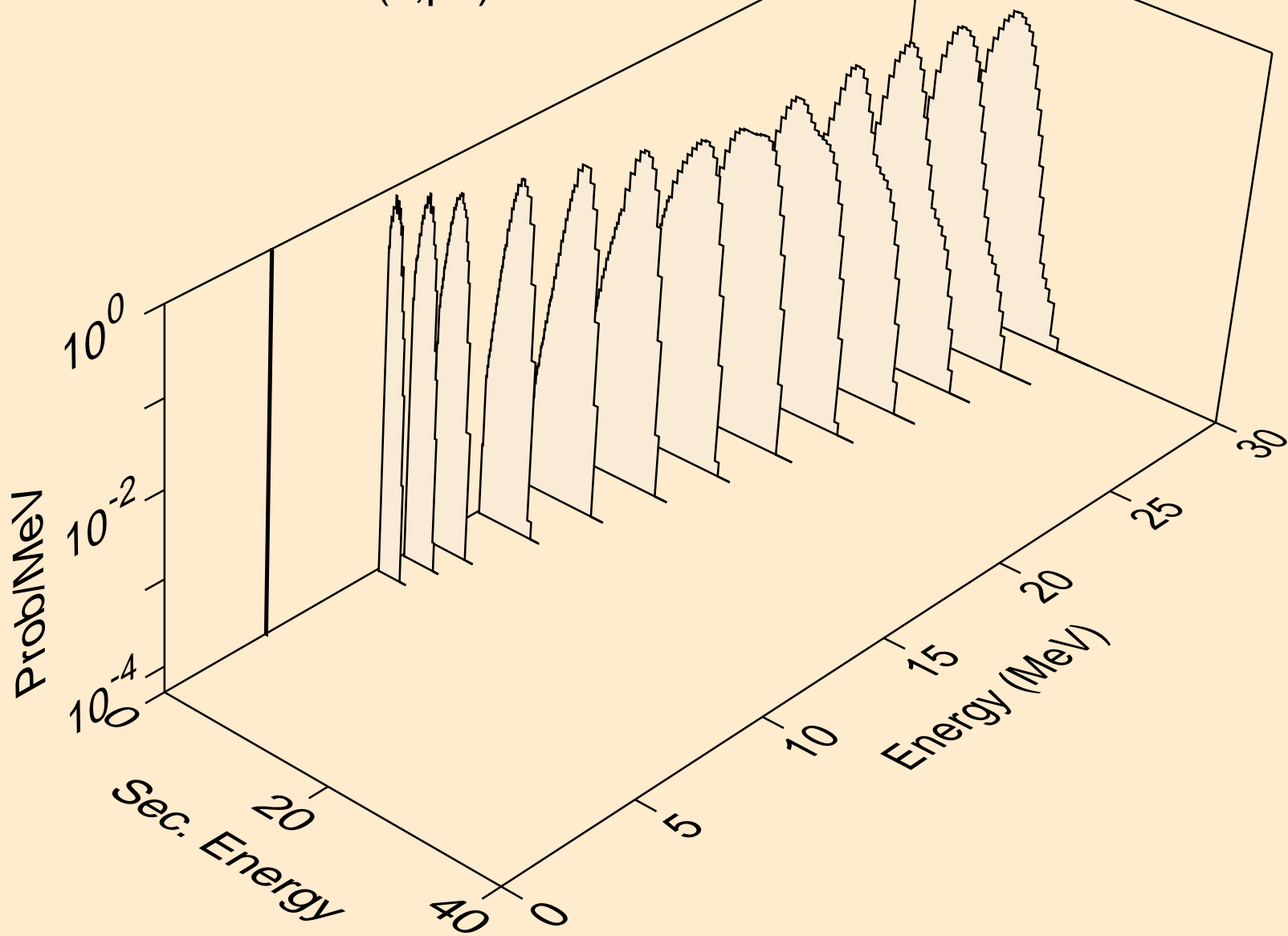
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)

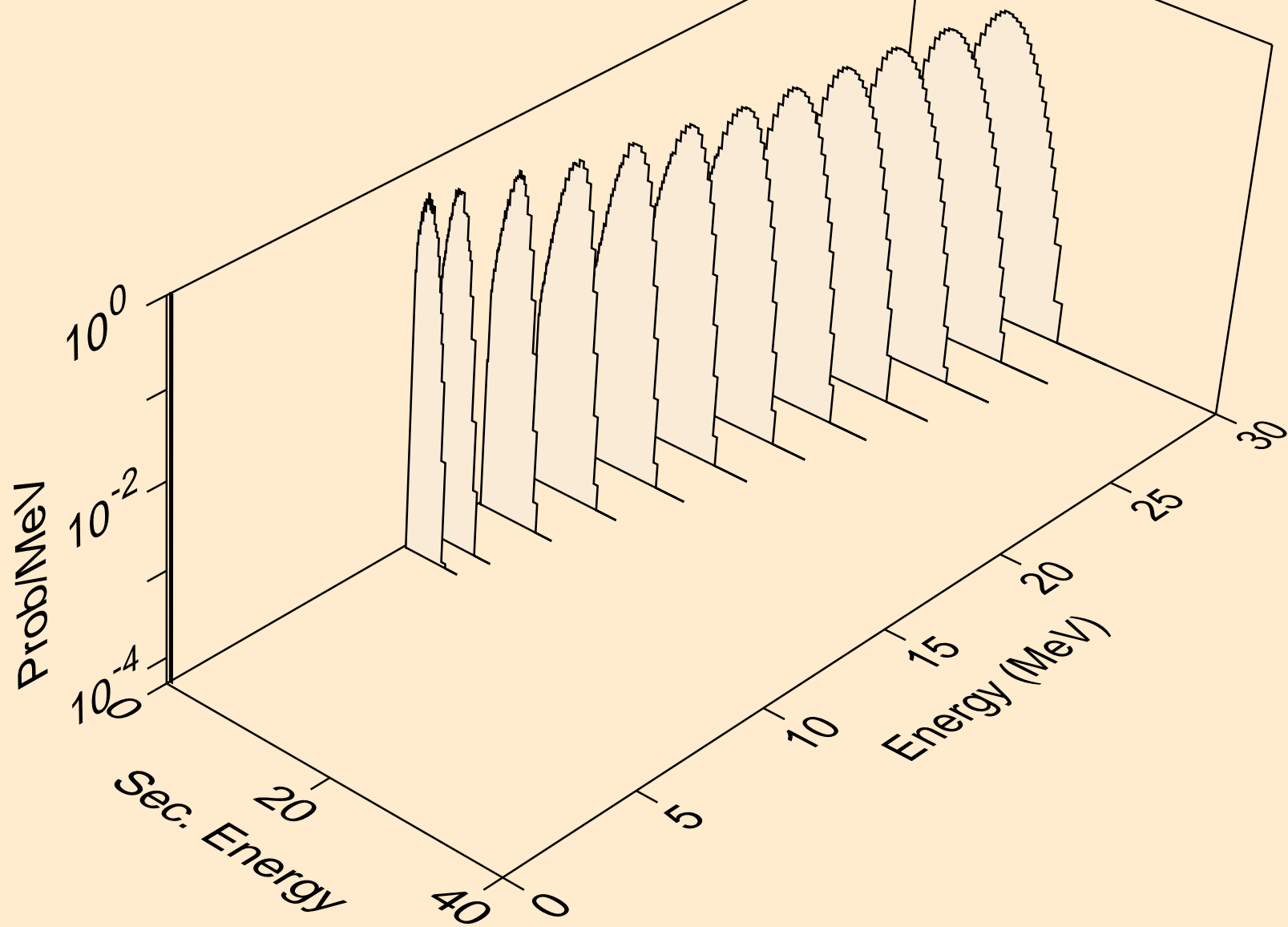


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deuterons from (s,pd)

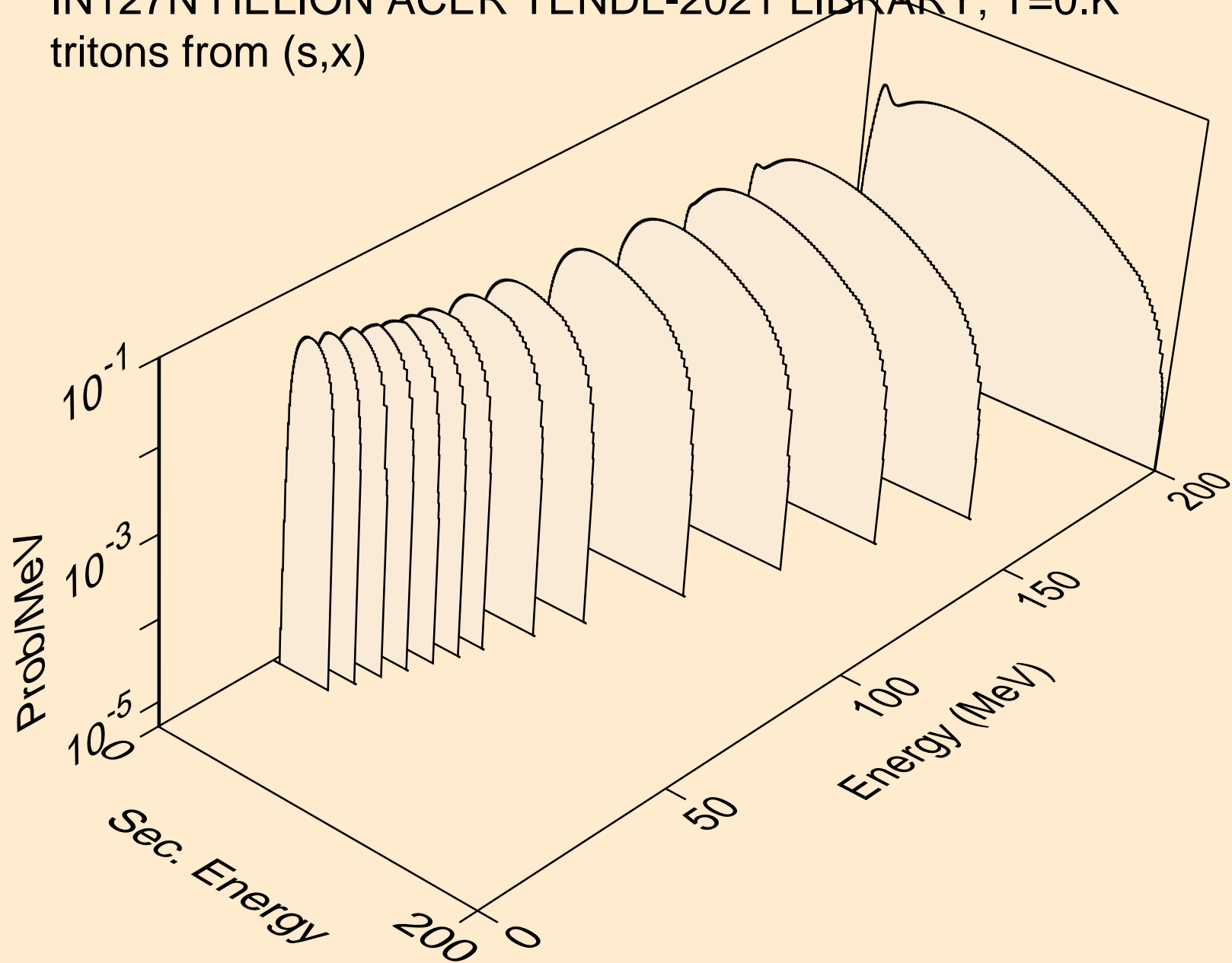




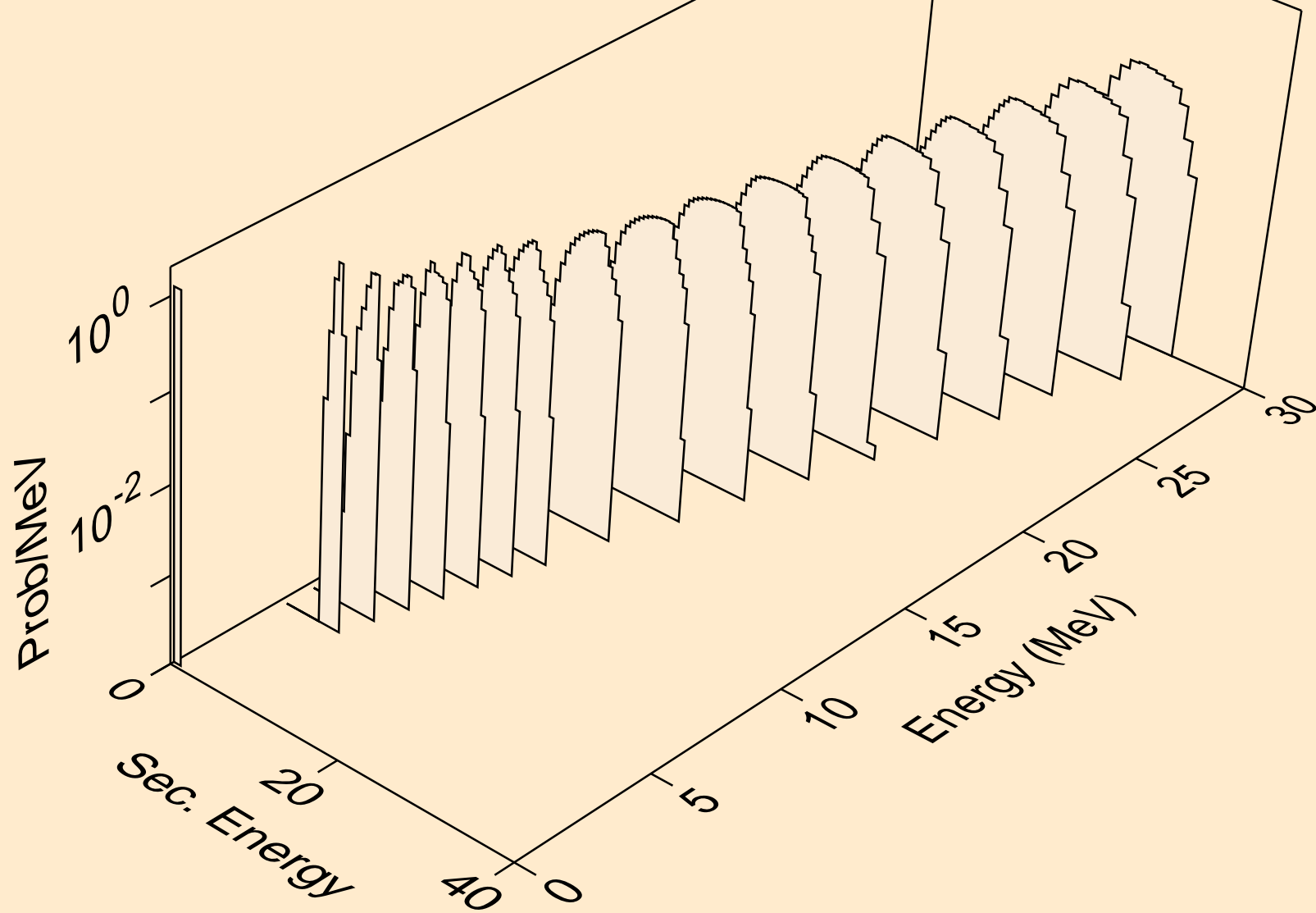
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deuterons from (s,da)



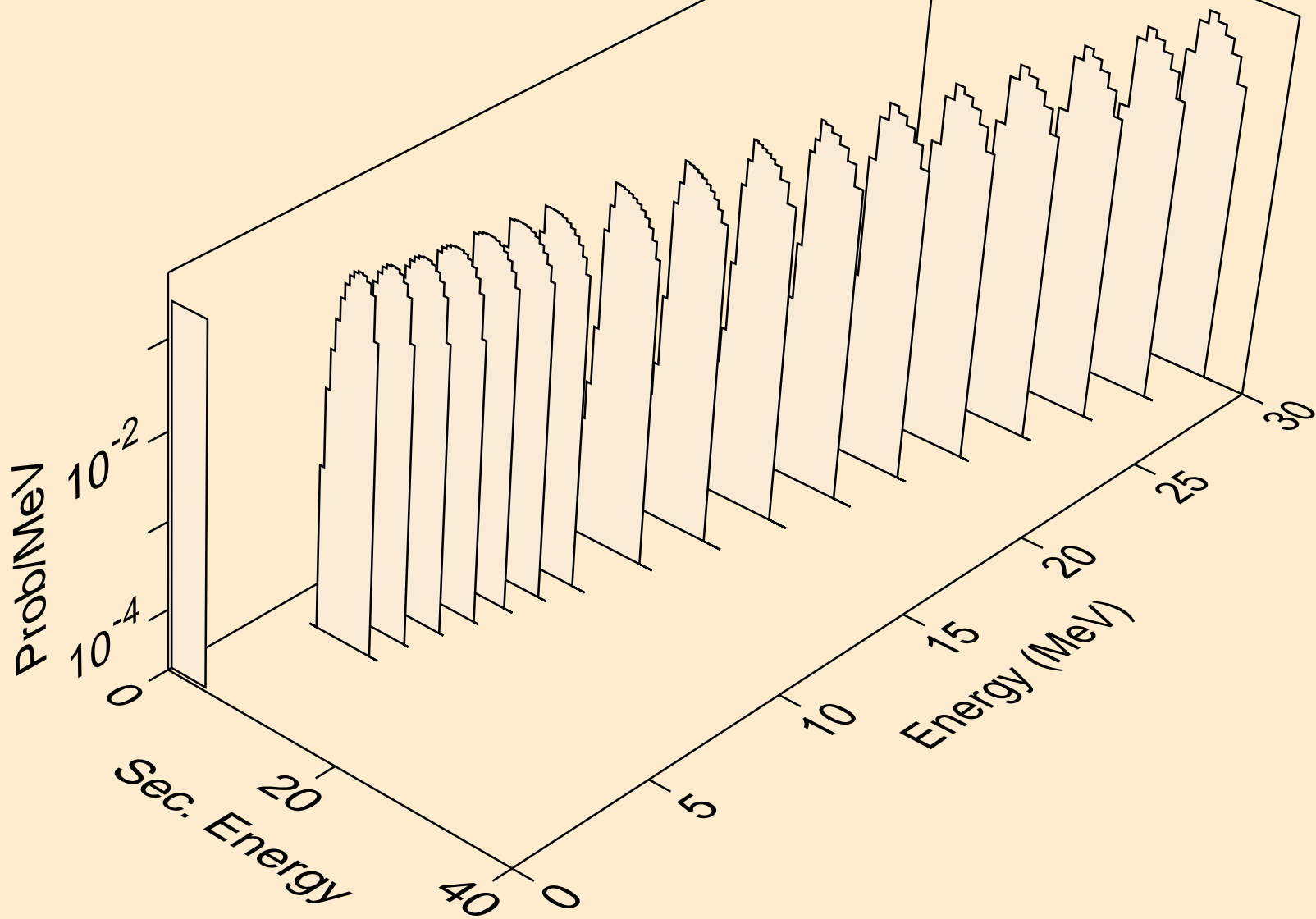
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tritons from (s,x)



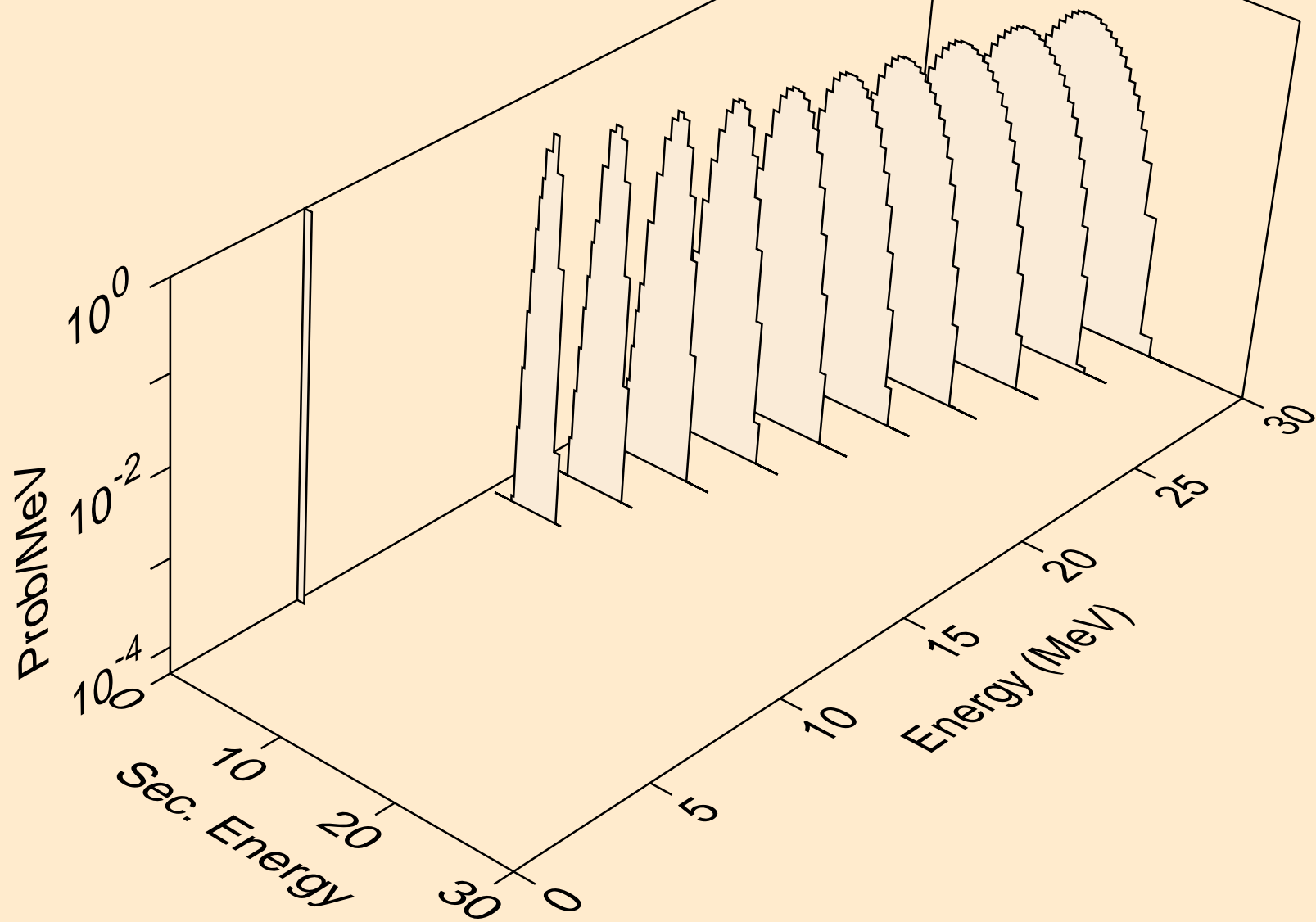
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tritons from (s,n\*)t



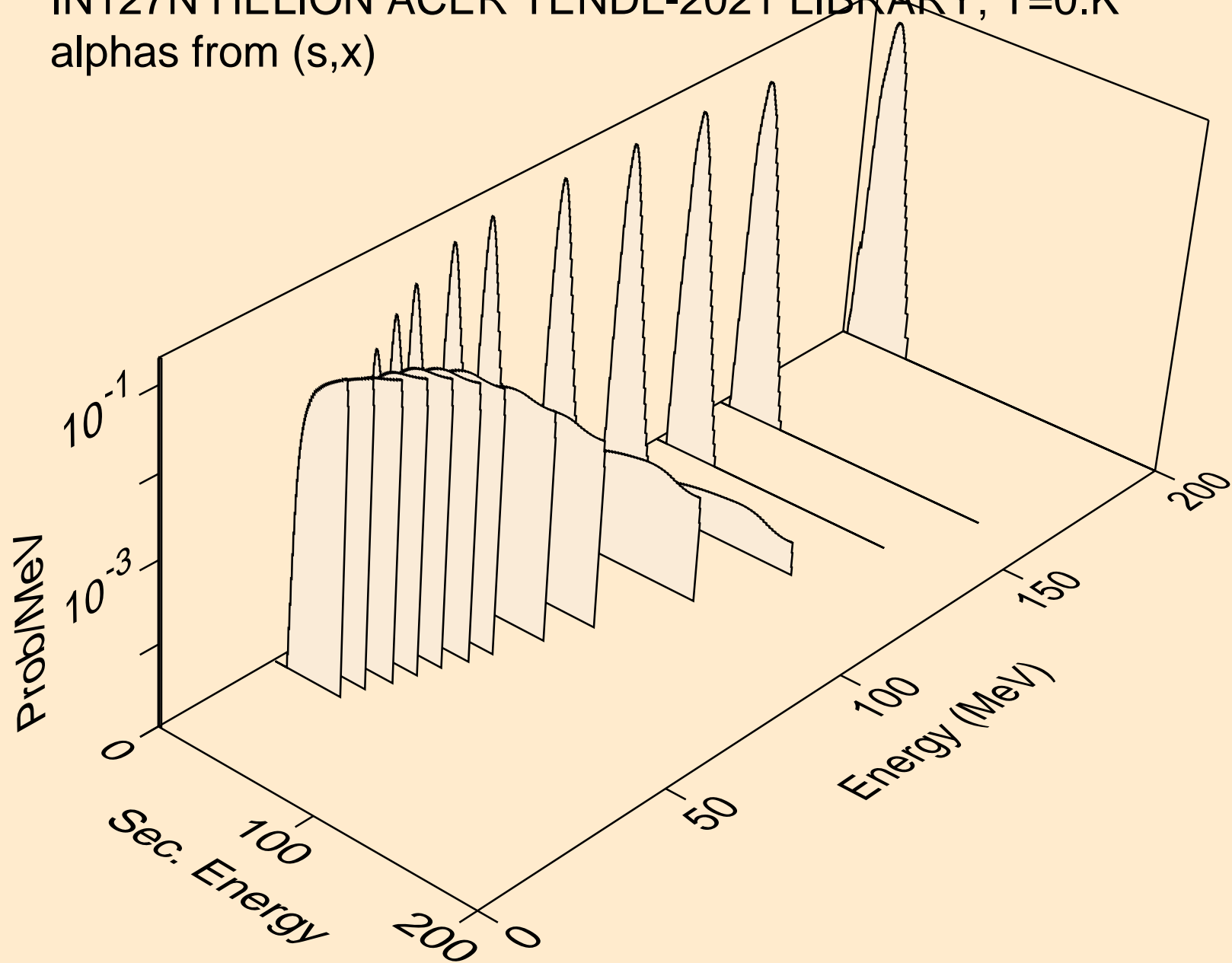
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tritons from (s,t)



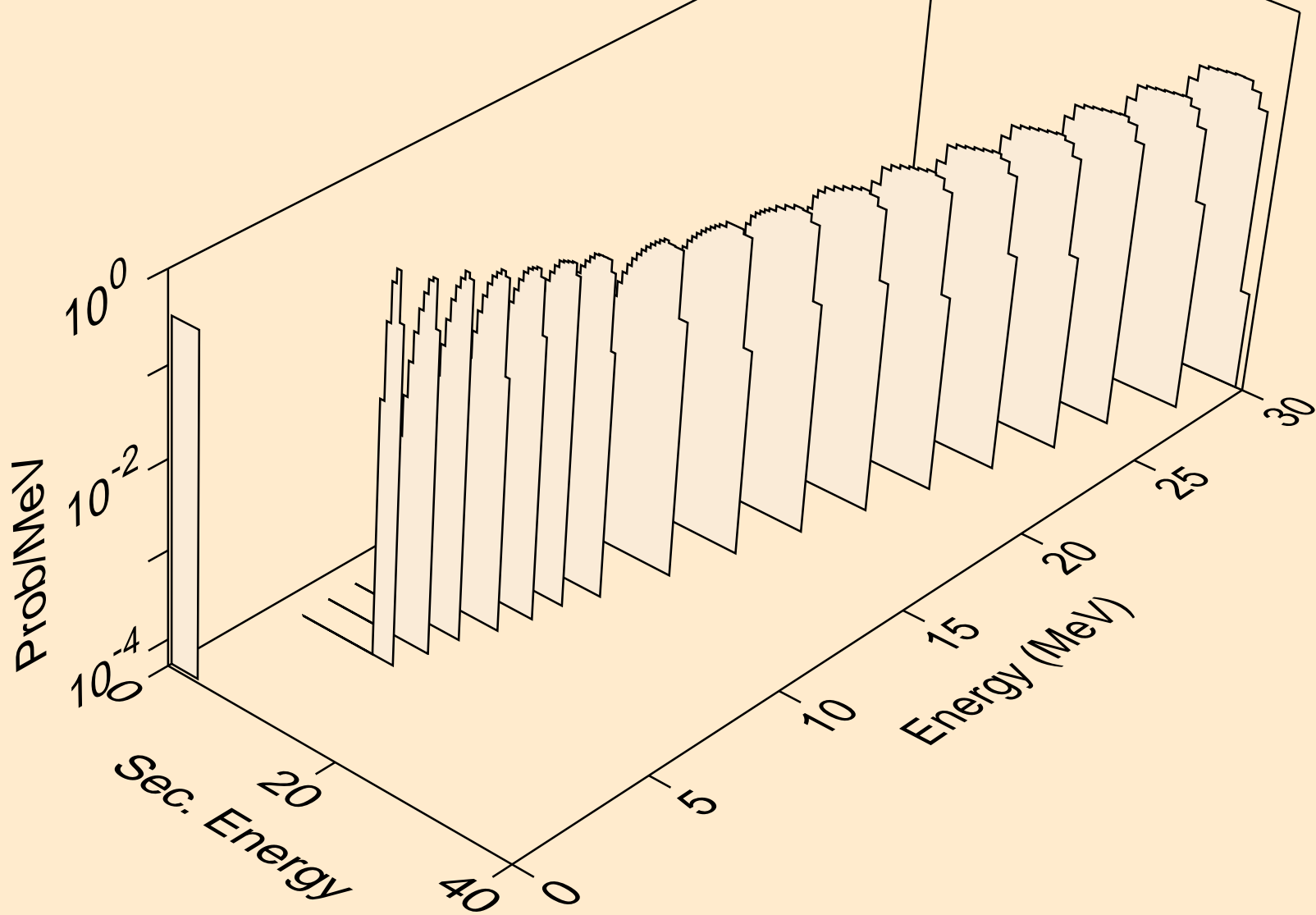
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tritons from (s,pt)



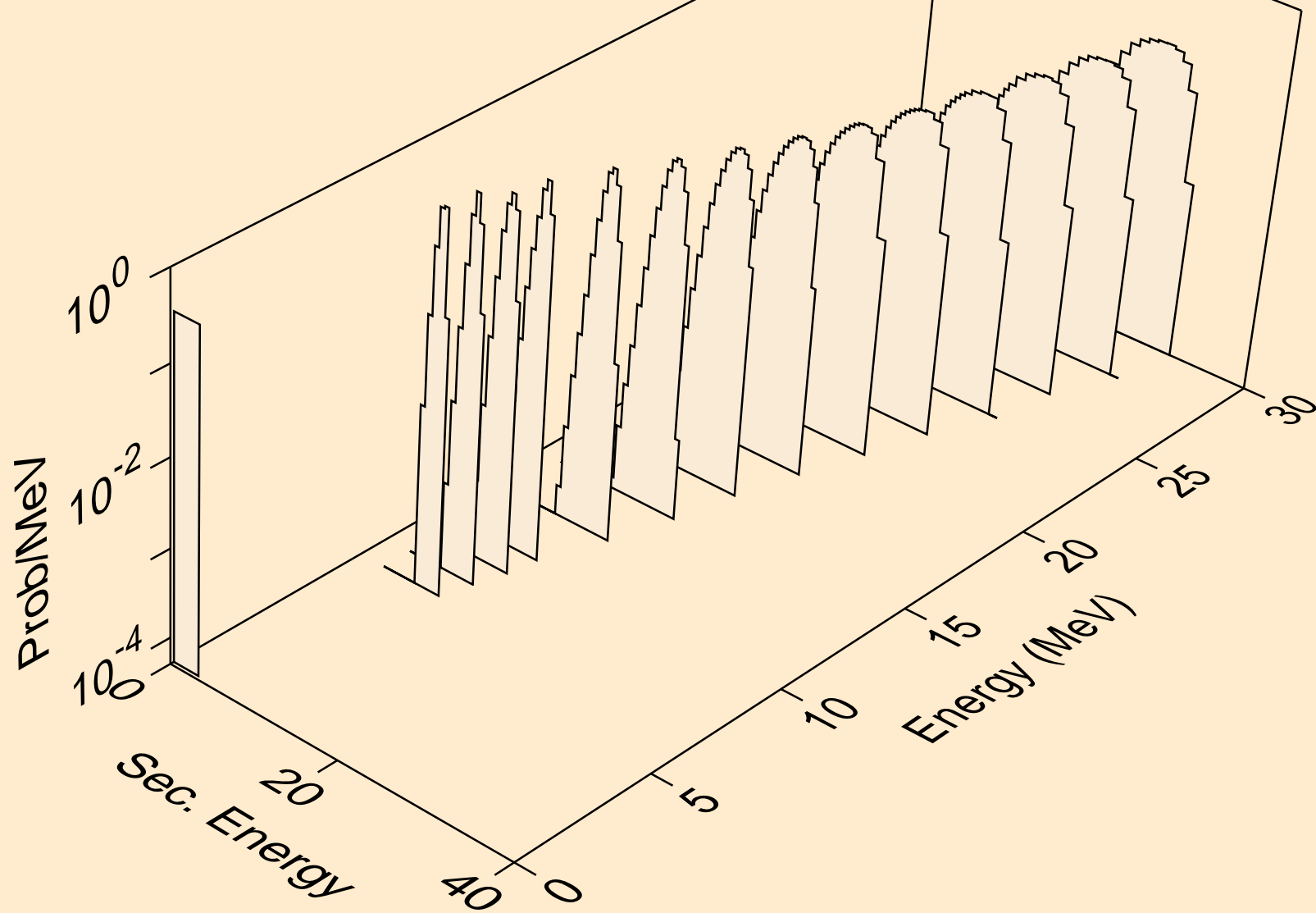
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a

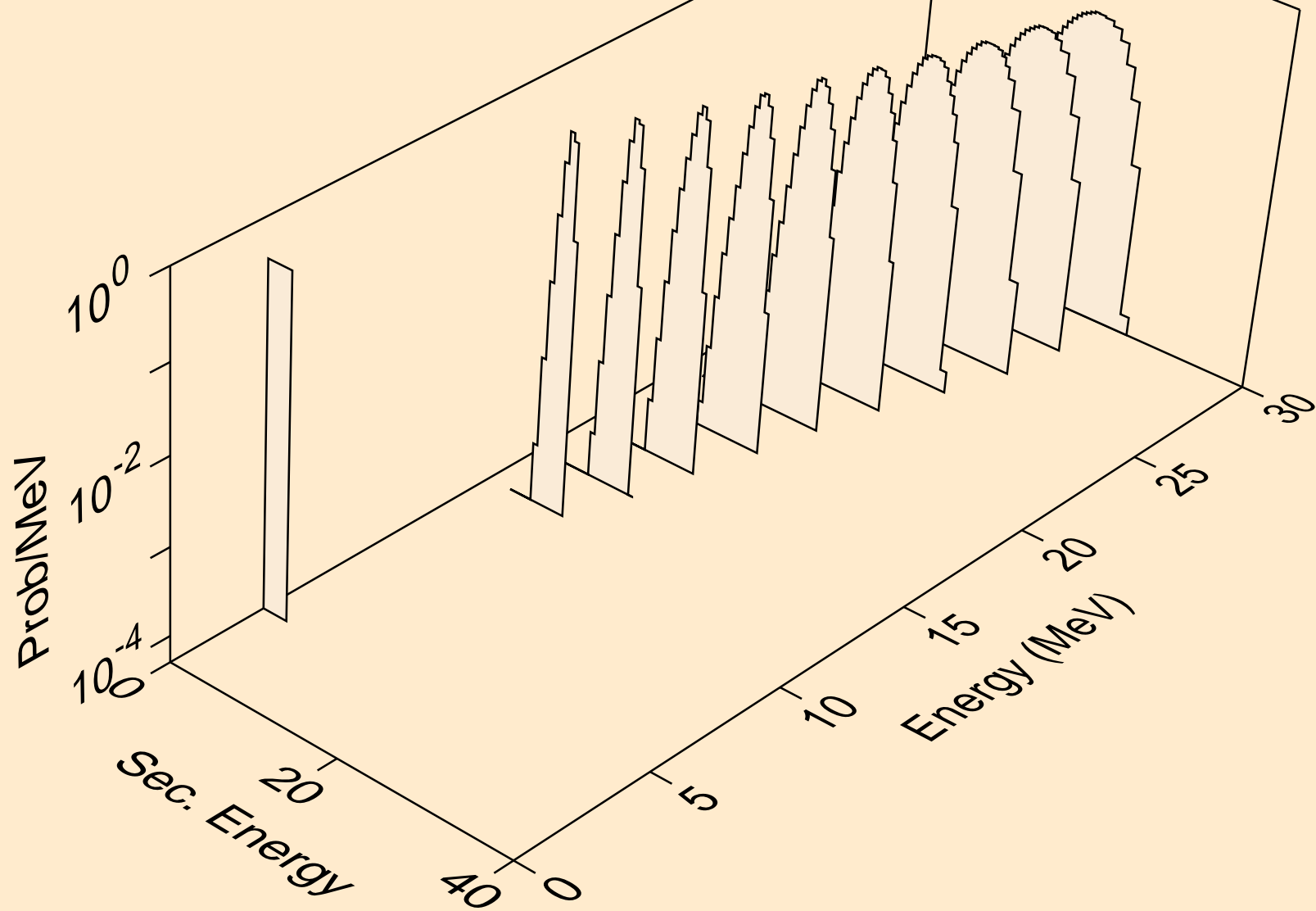


IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a

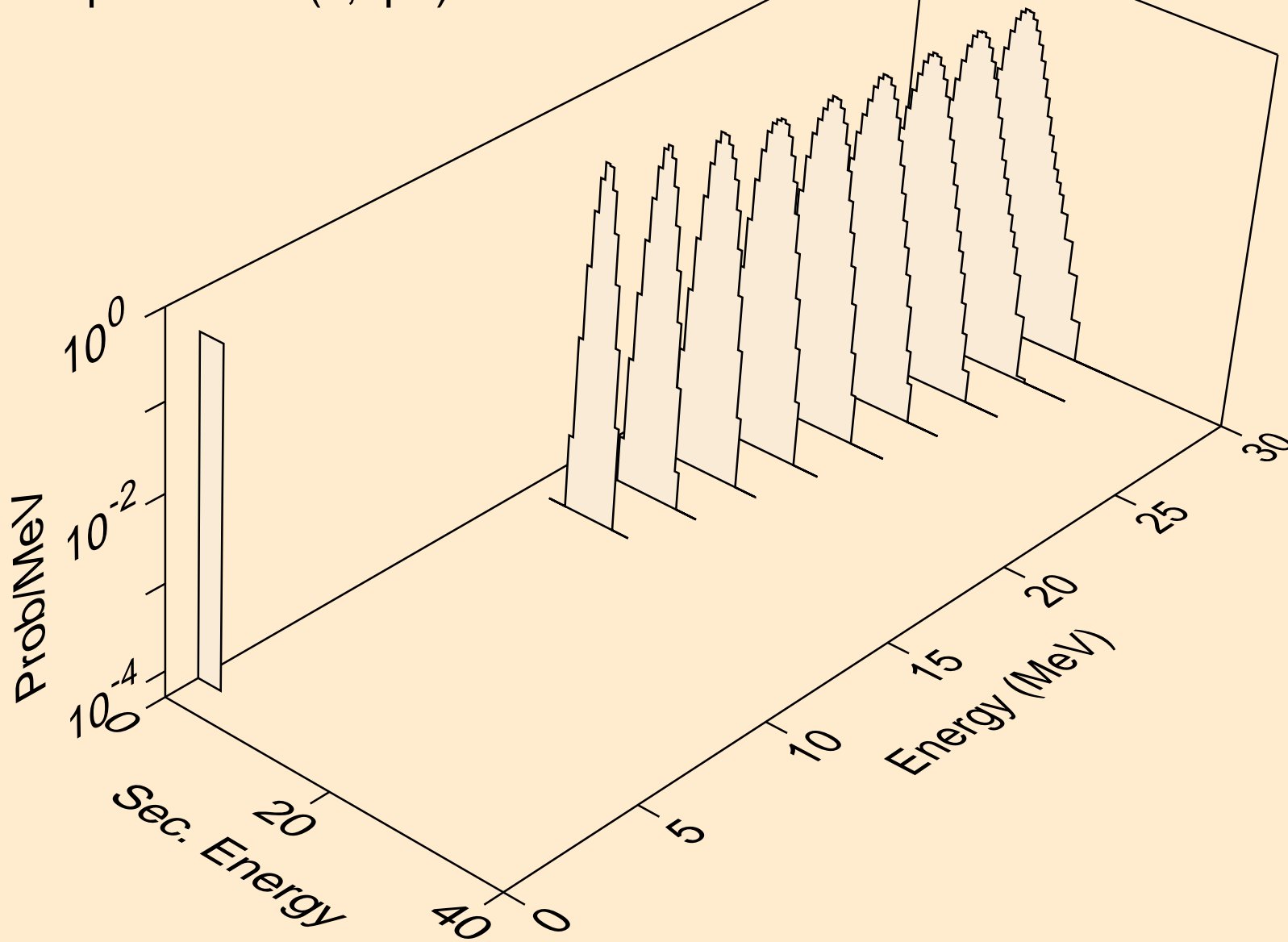




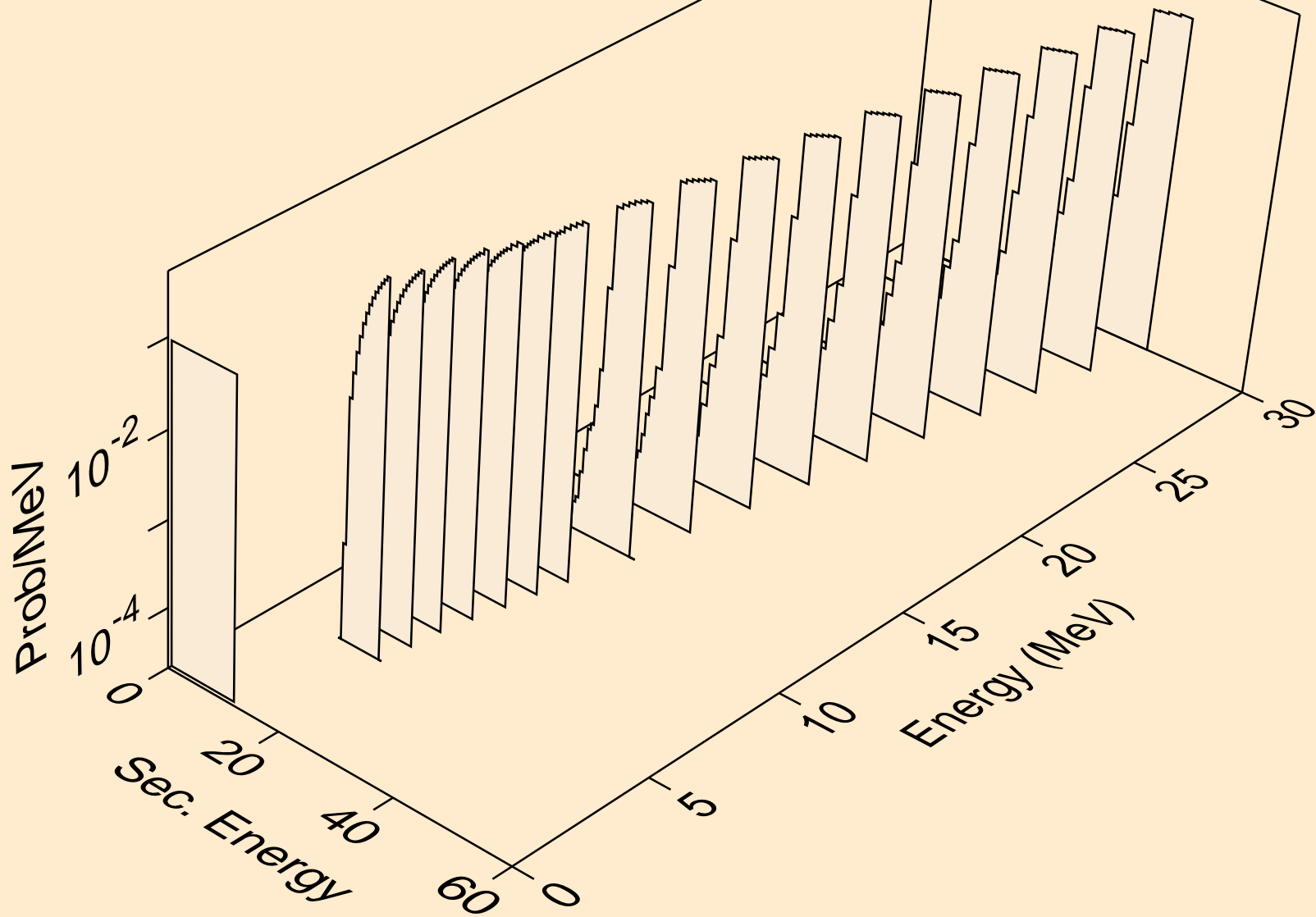
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



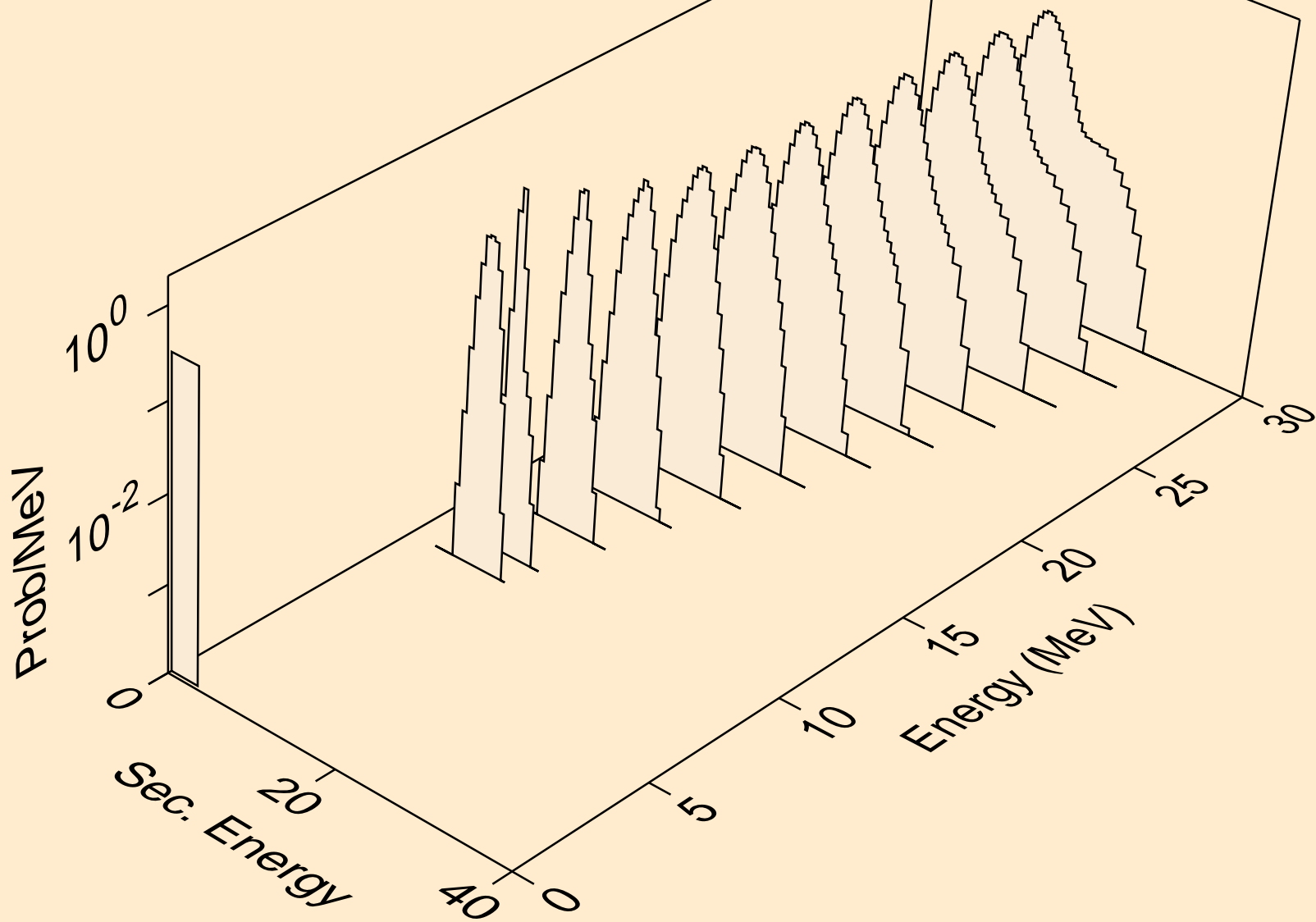
IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



IN127N HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

