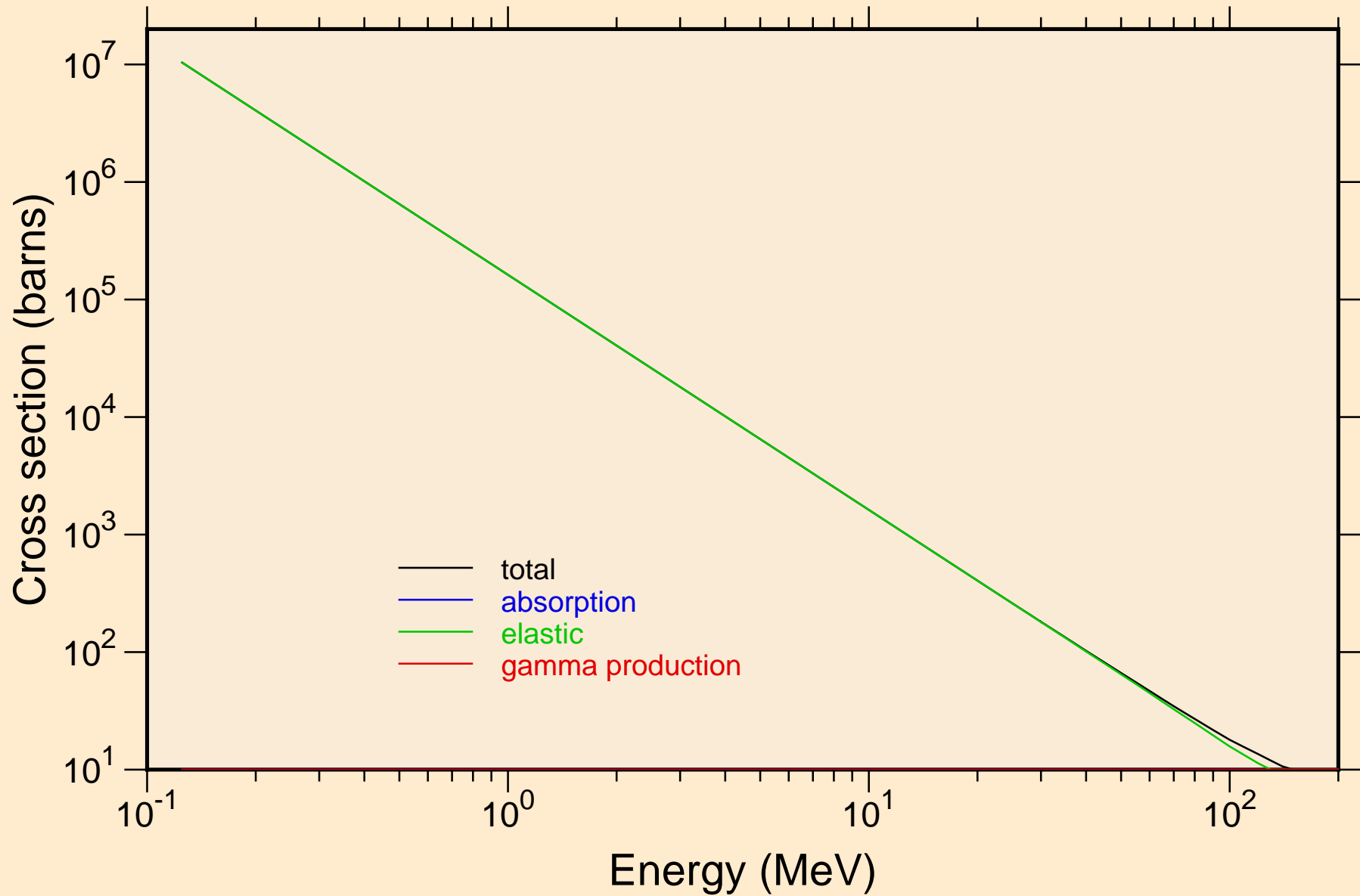
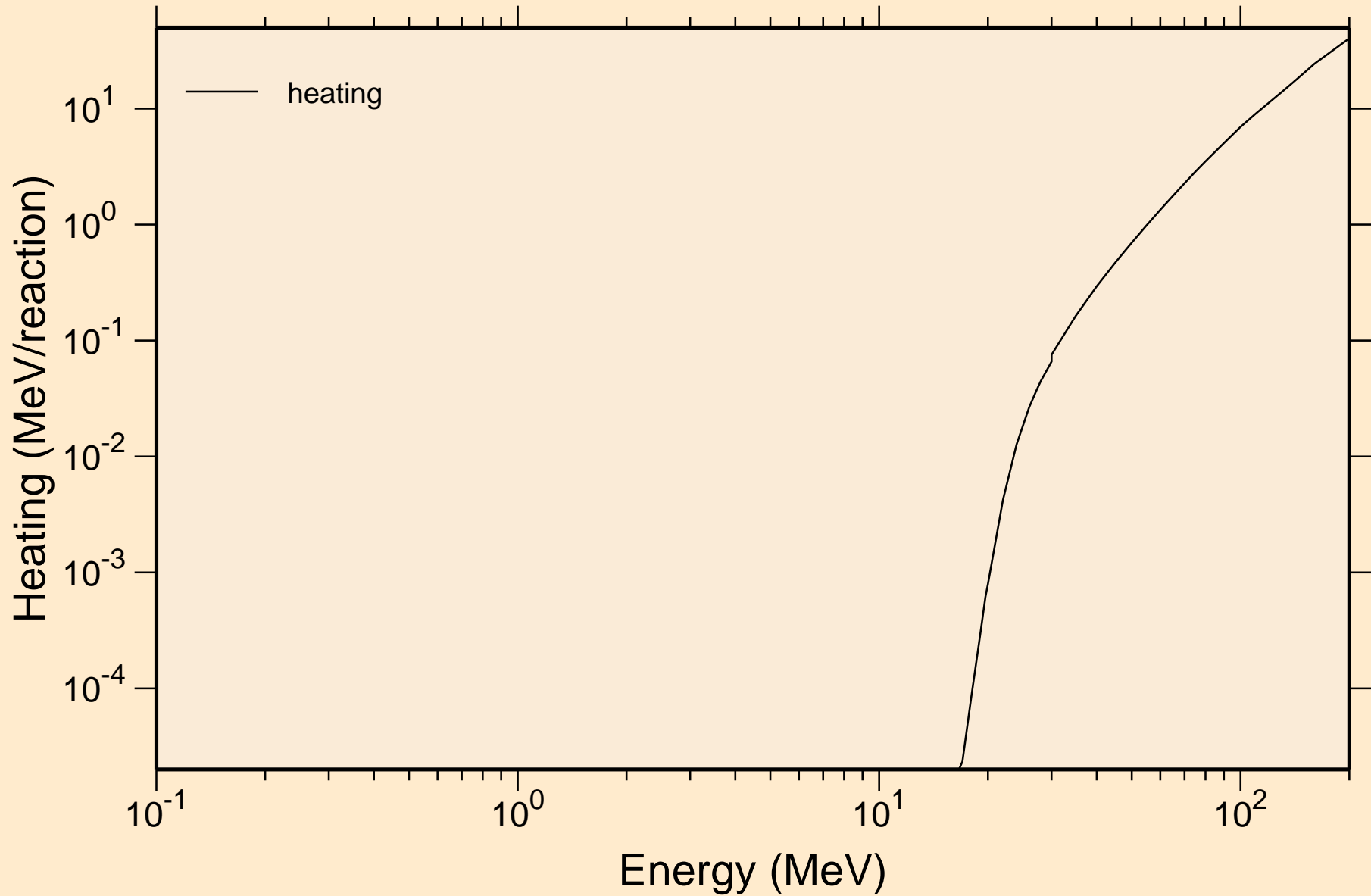


# HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

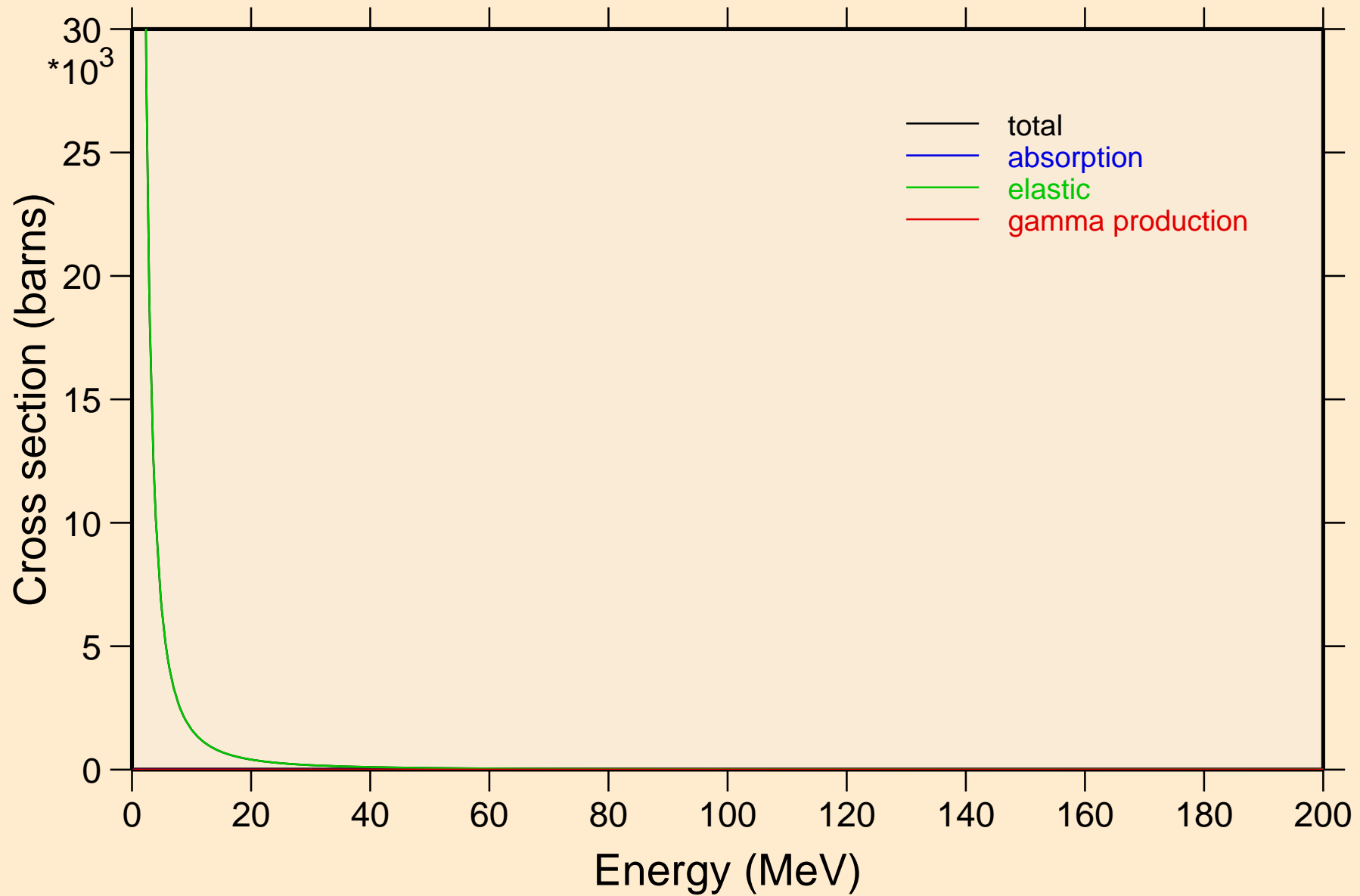


HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Heating



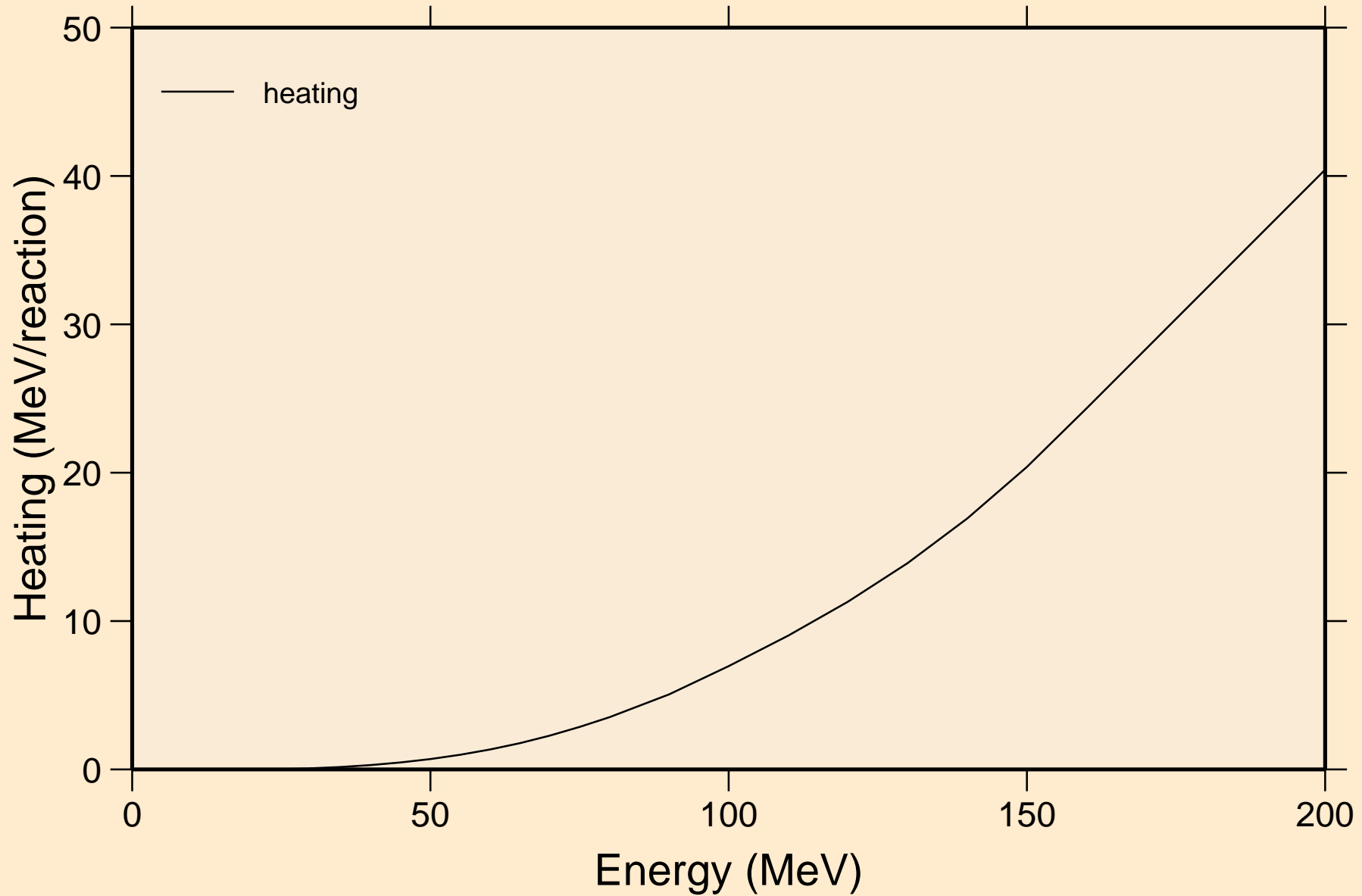
# HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



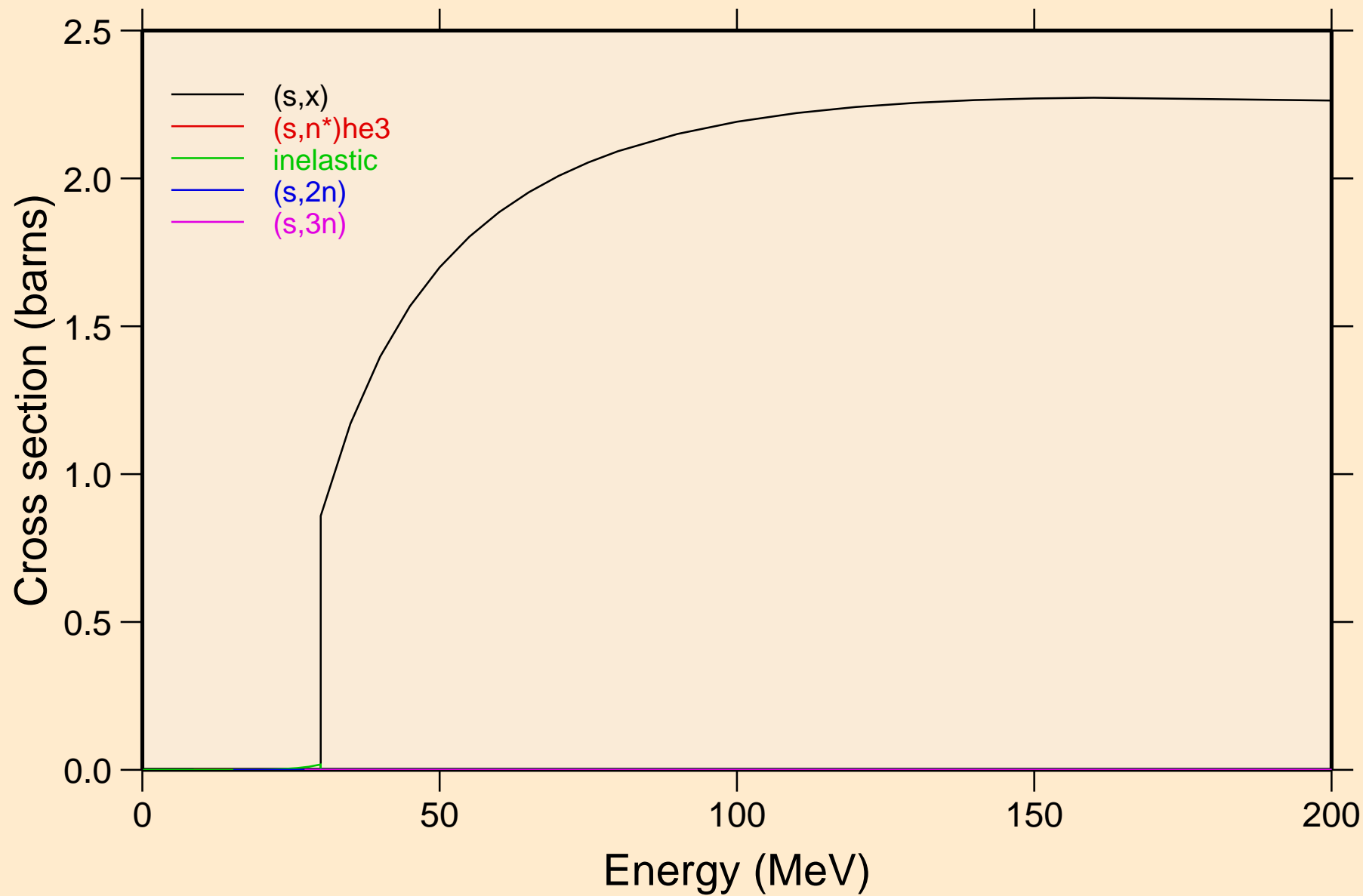
# HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



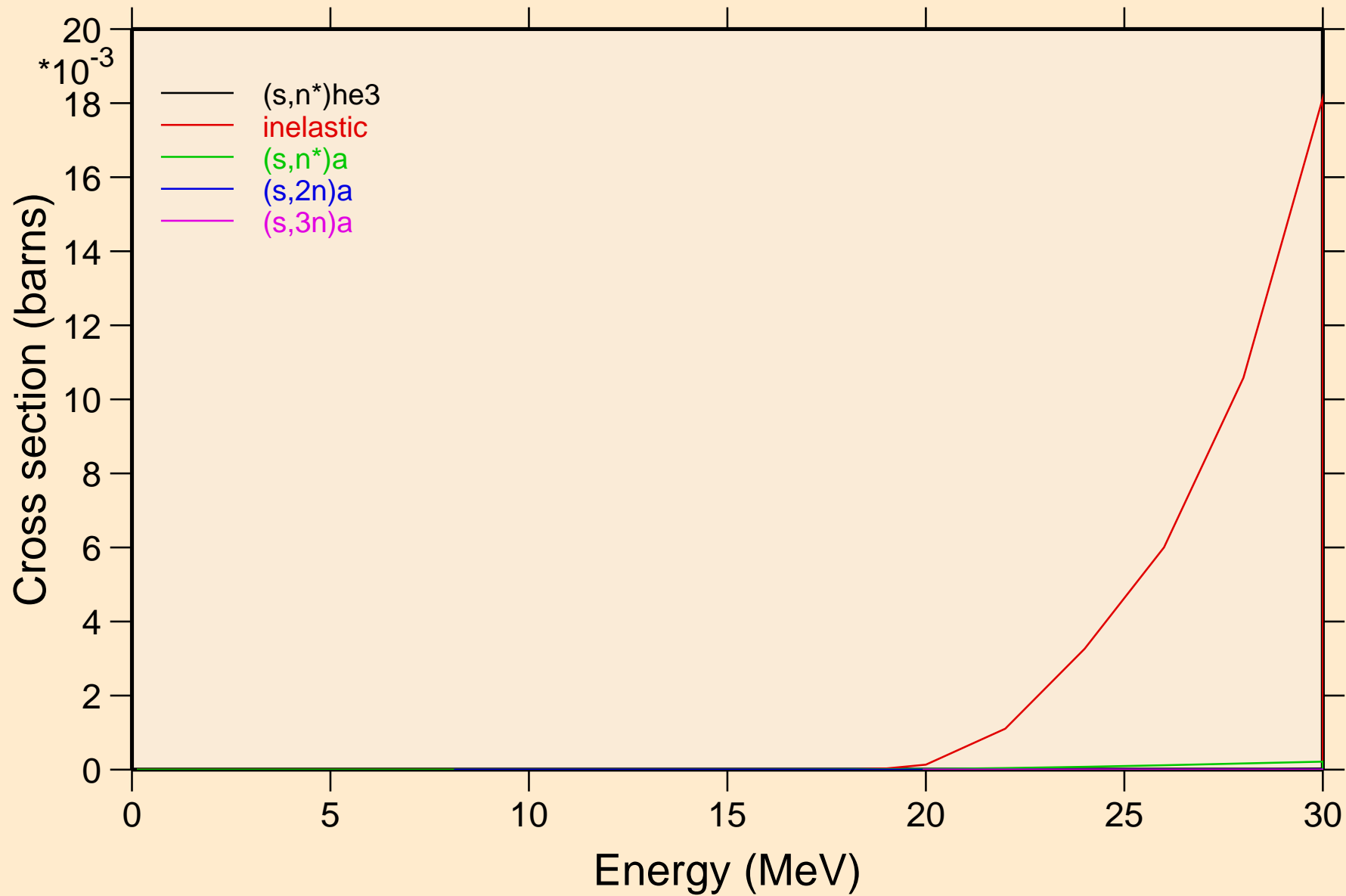
# HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



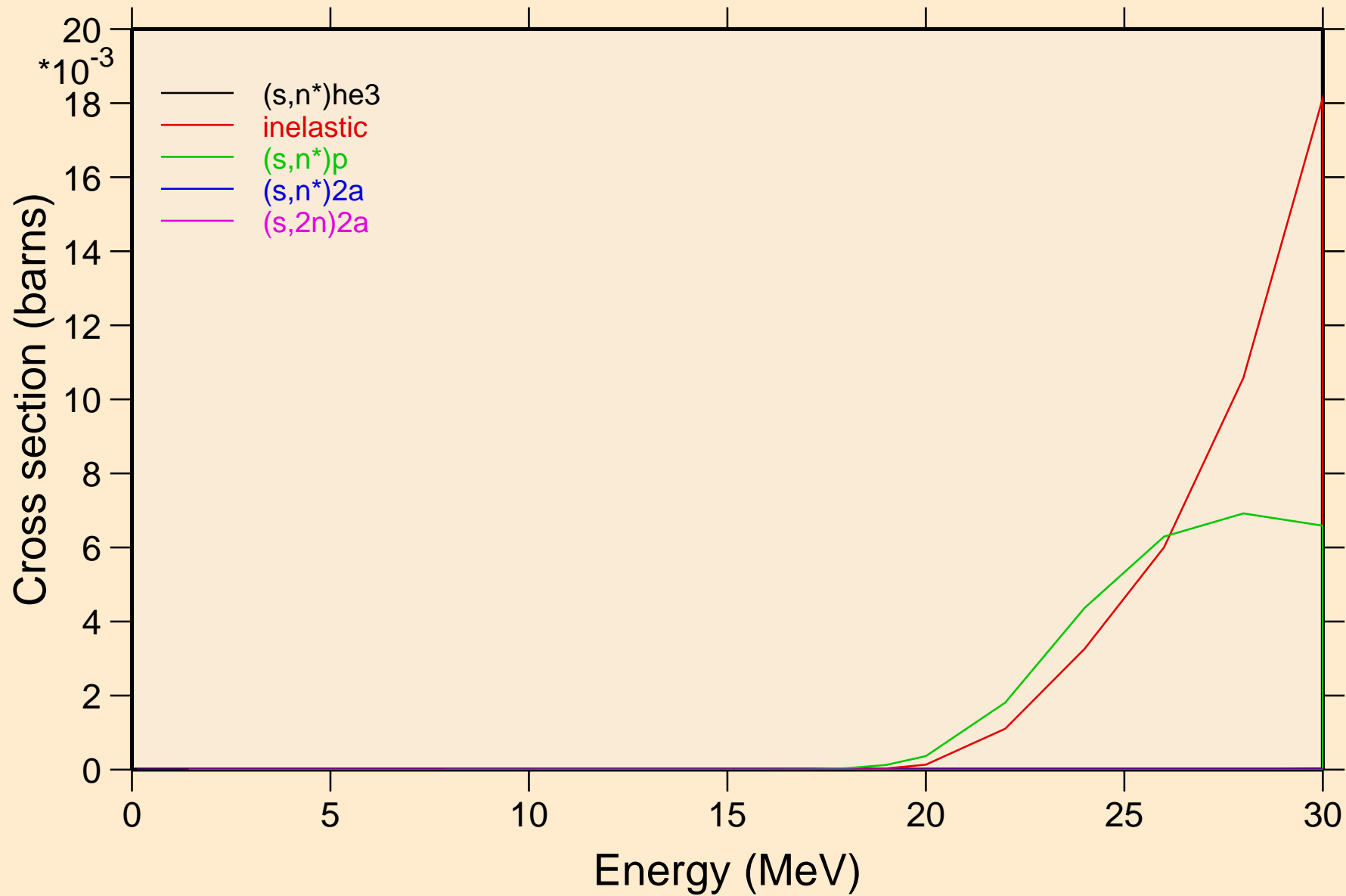
# HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

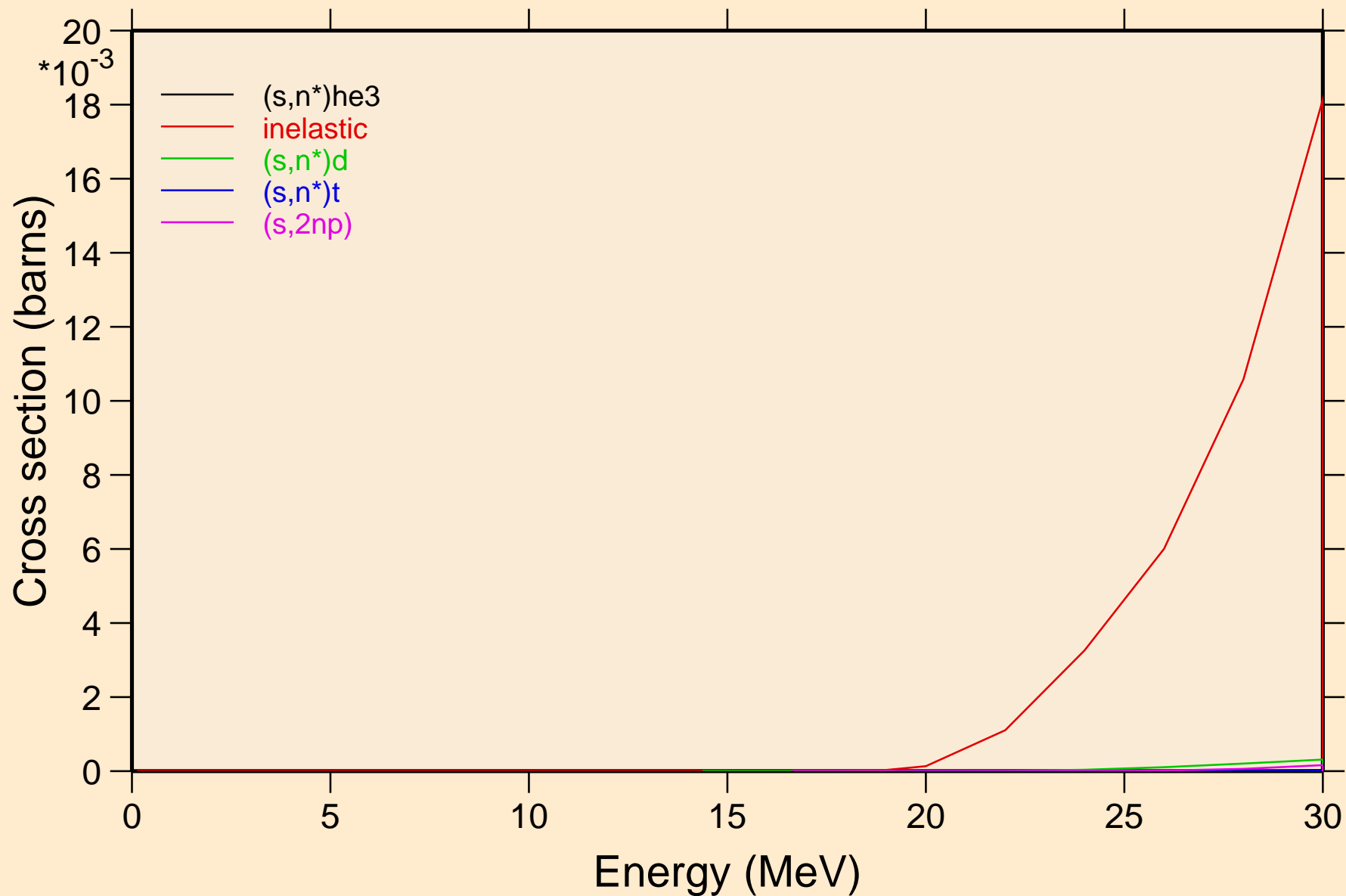


# HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



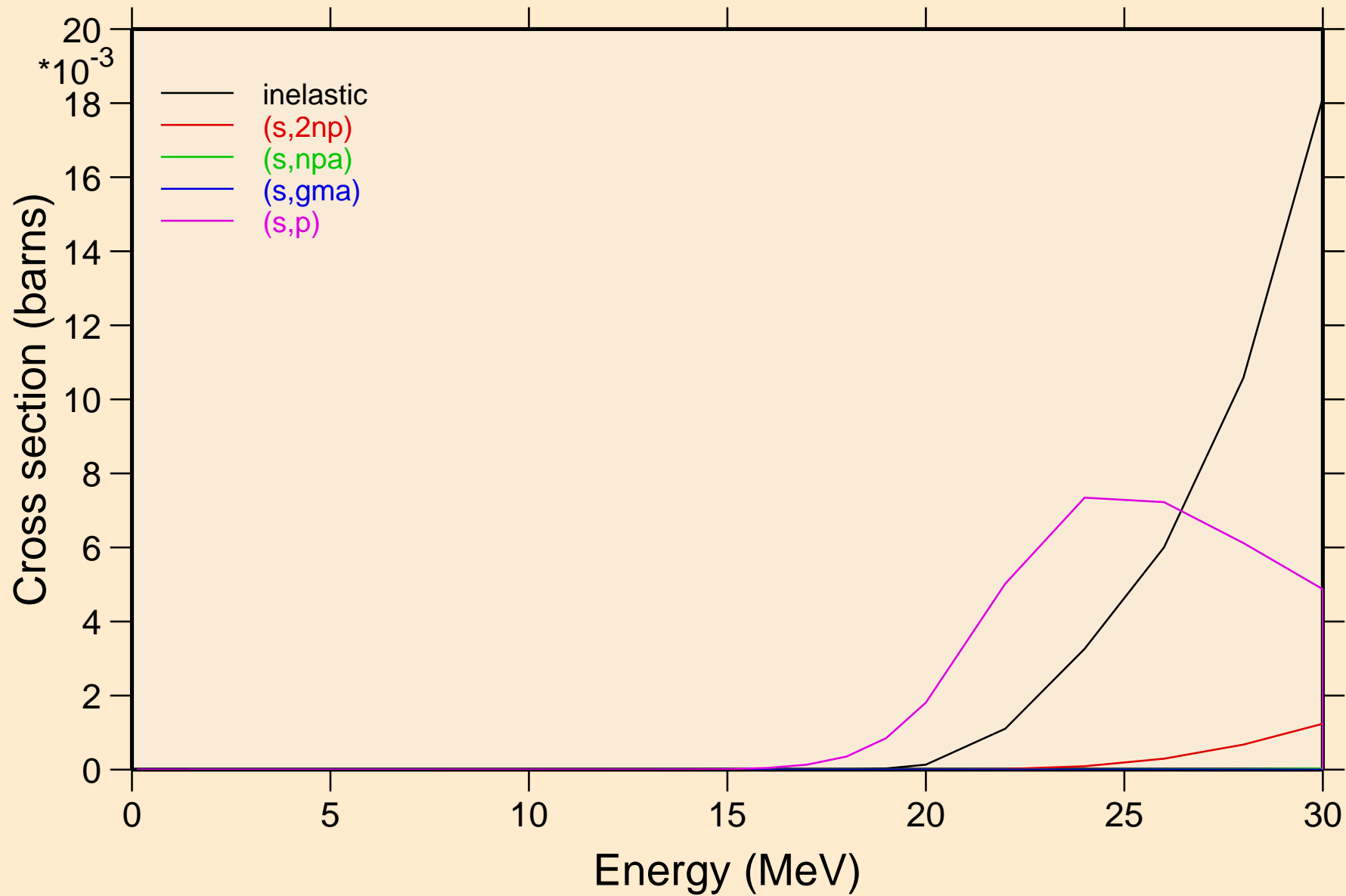
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



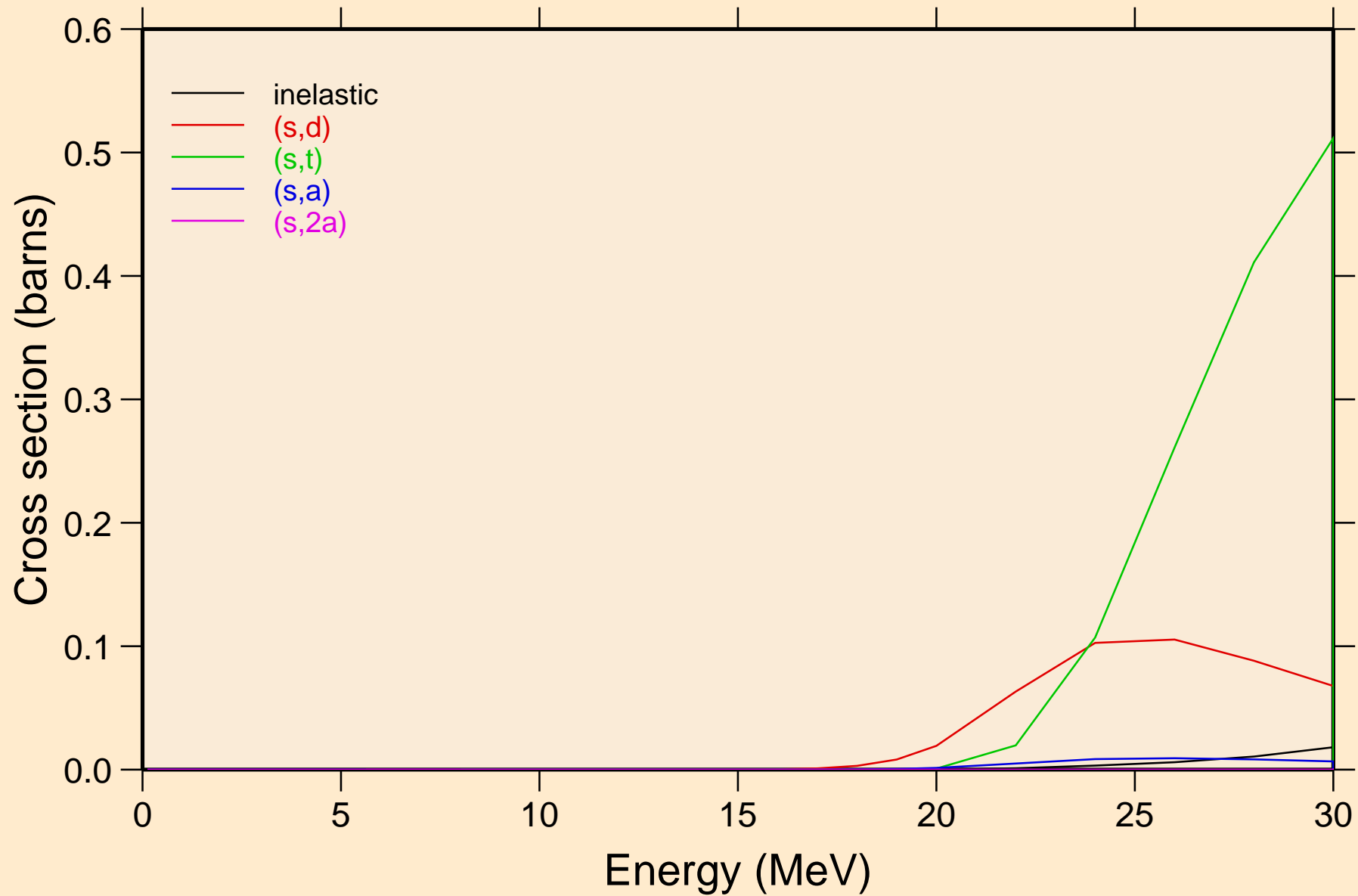


# HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K

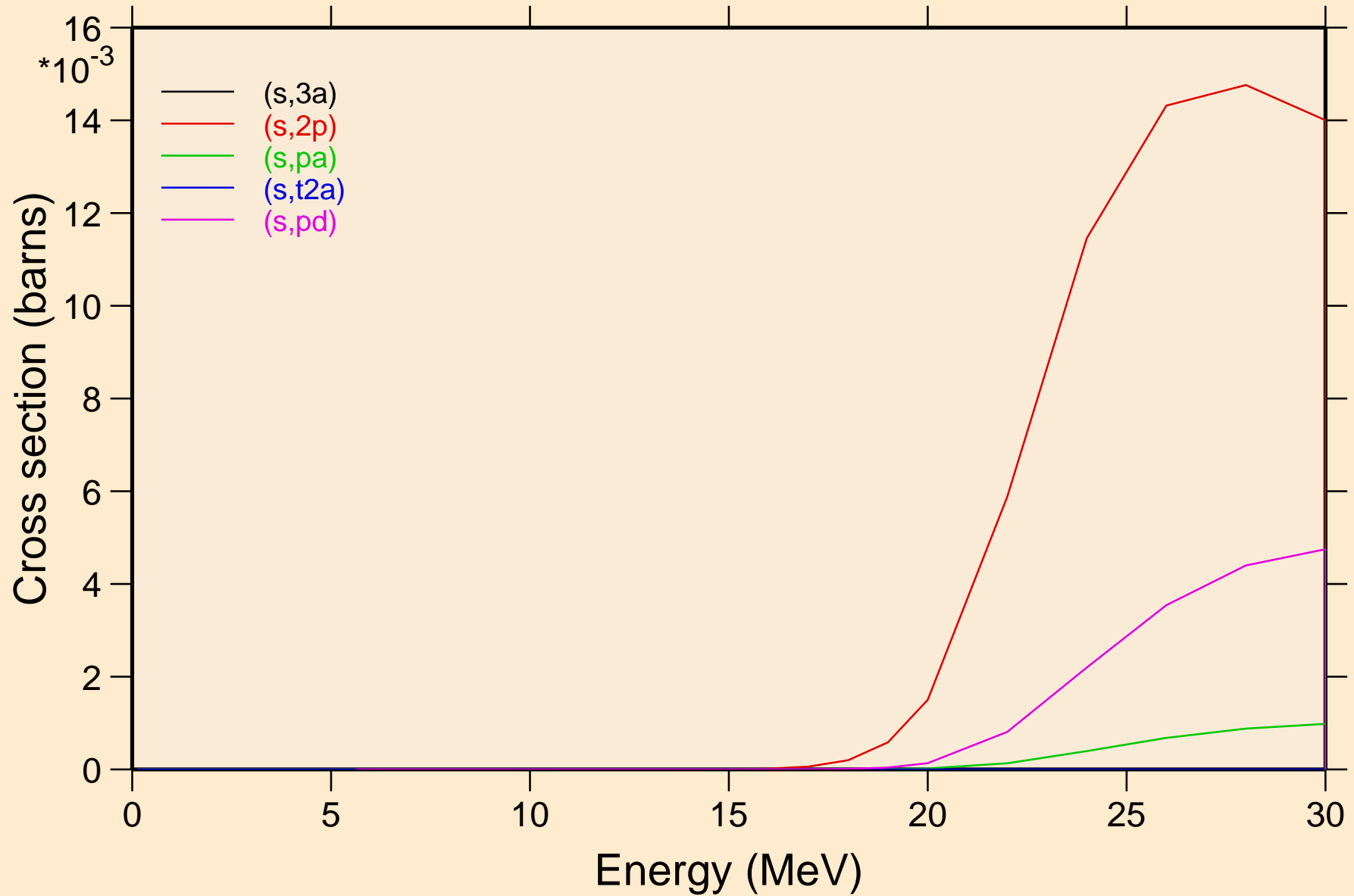
## Threshold reactions



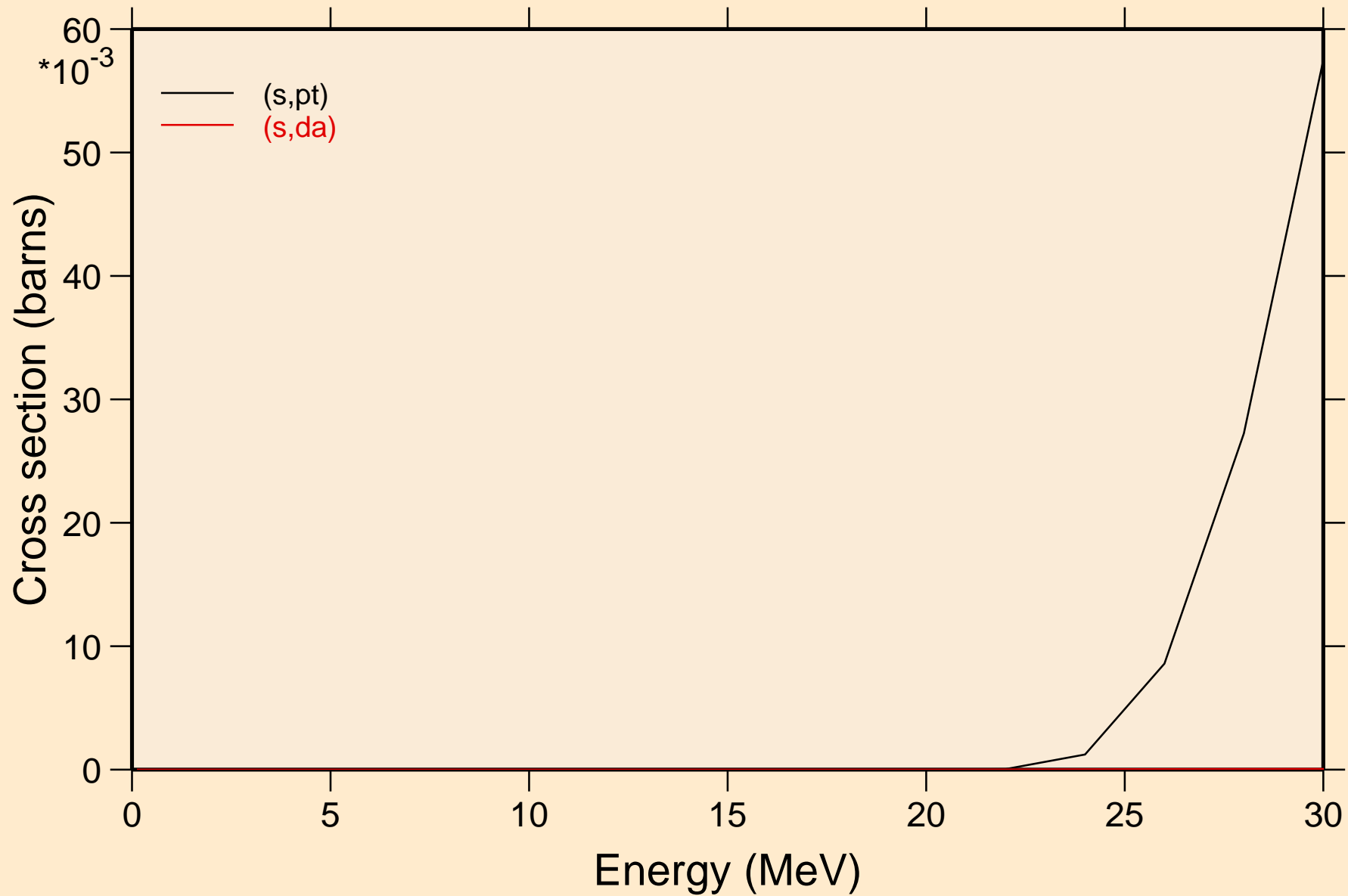
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



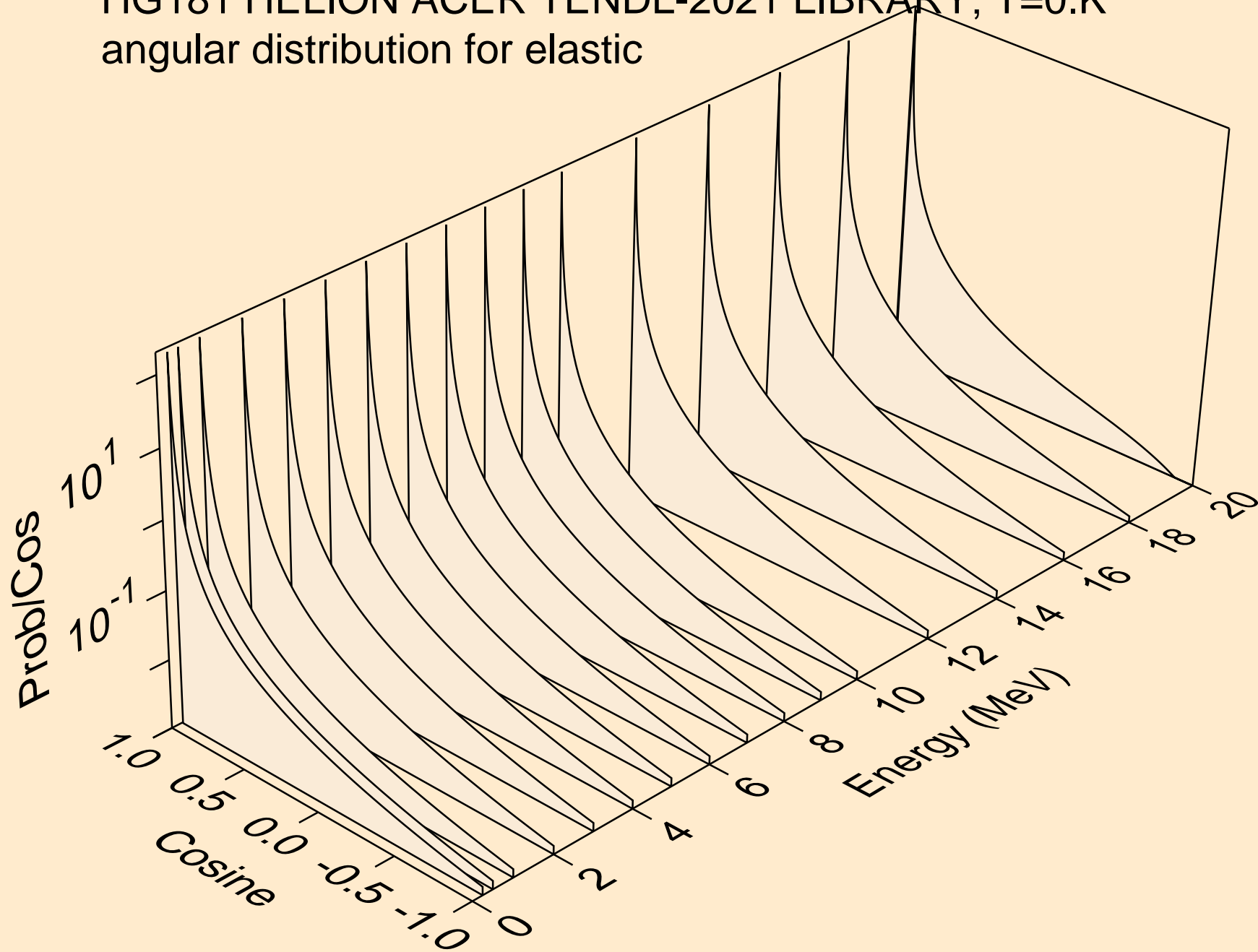
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



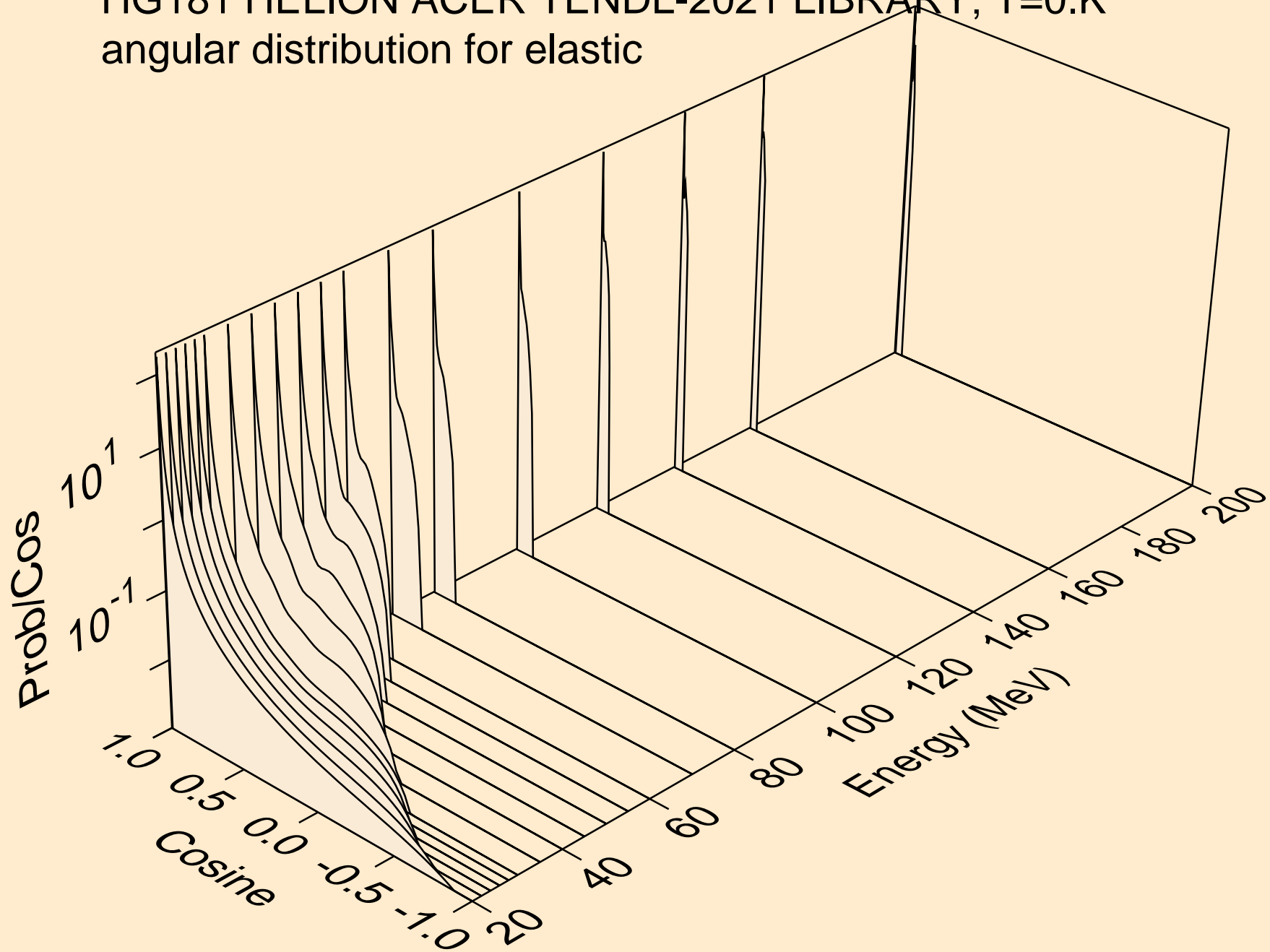
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



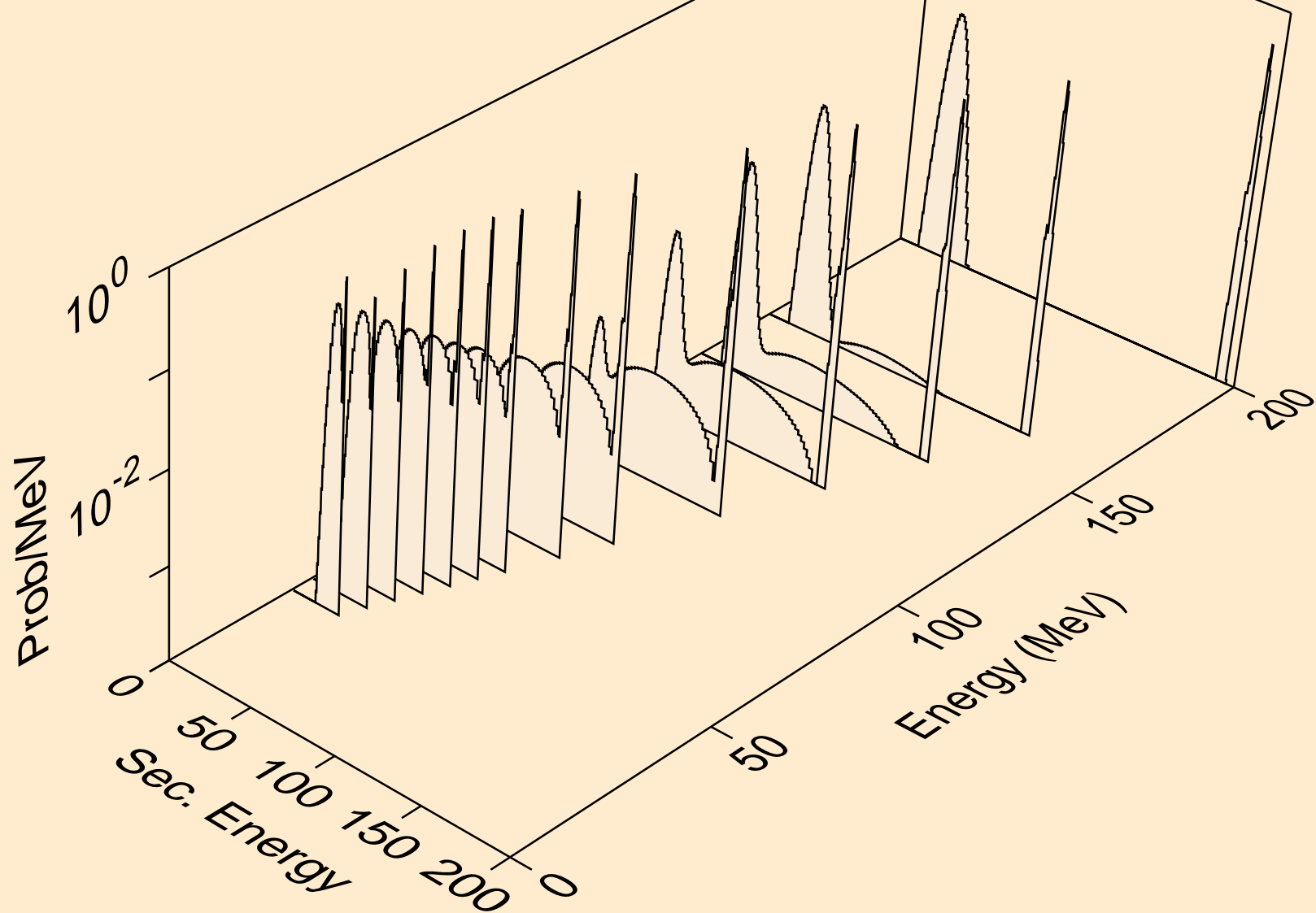
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



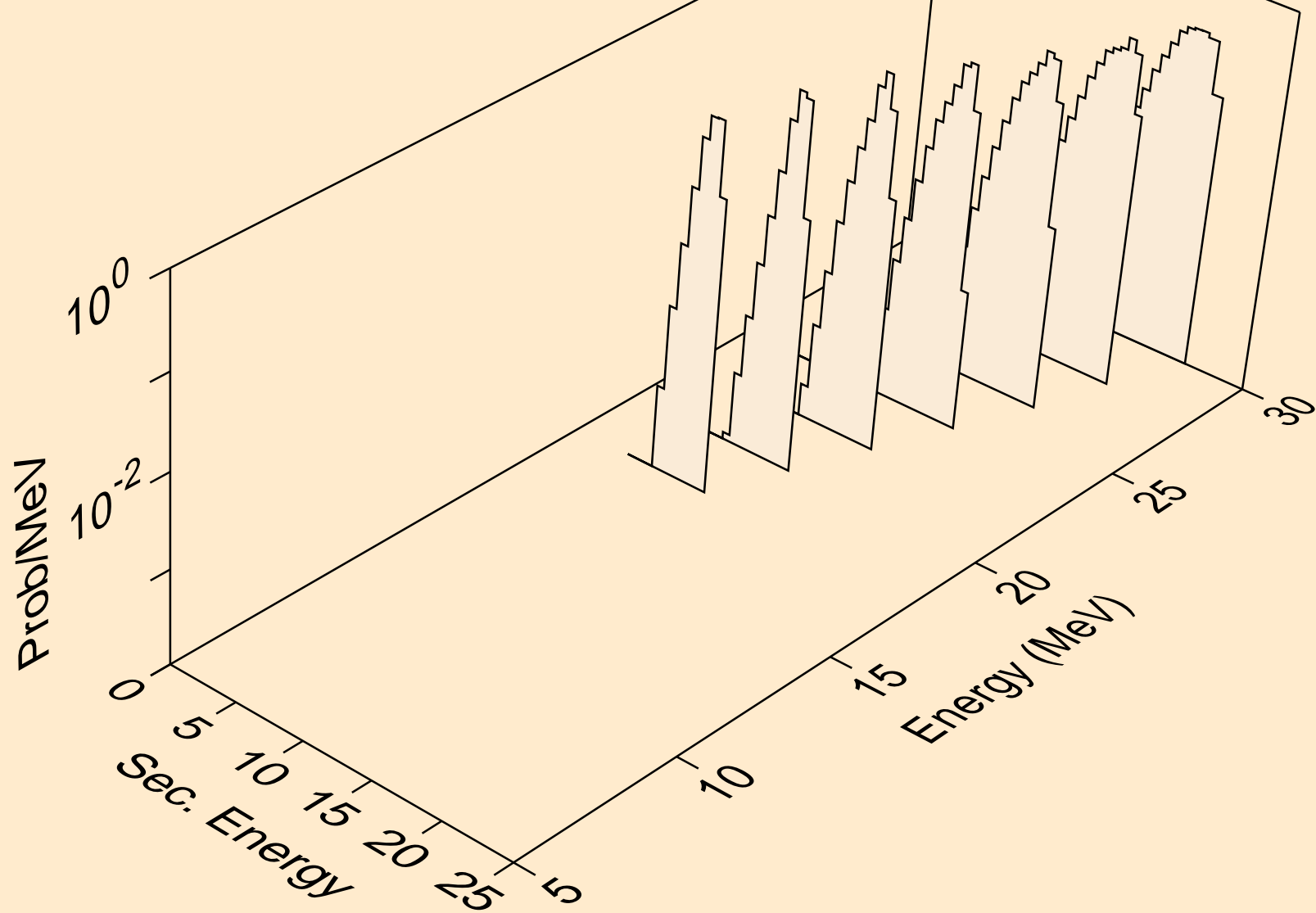
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

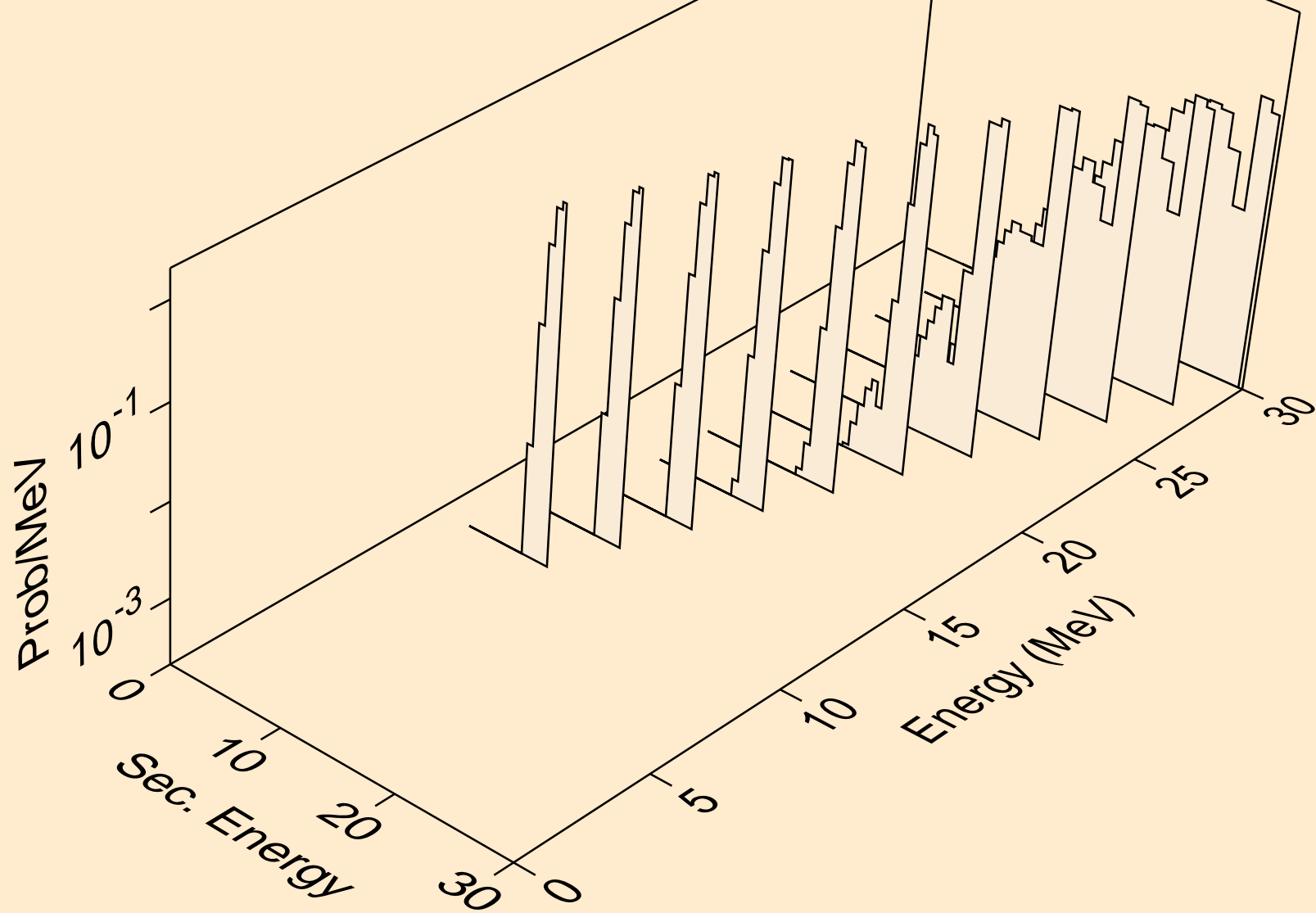


HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

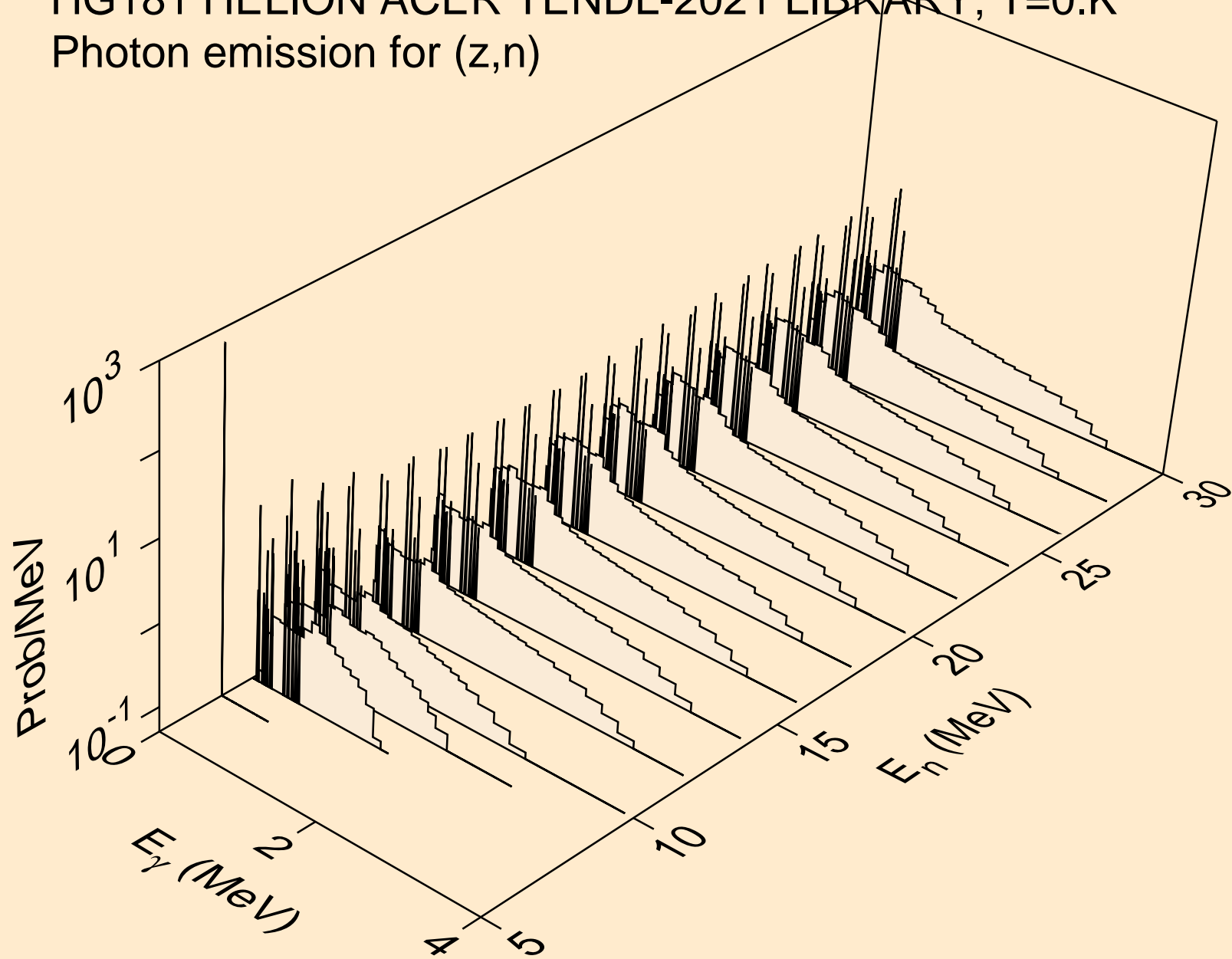




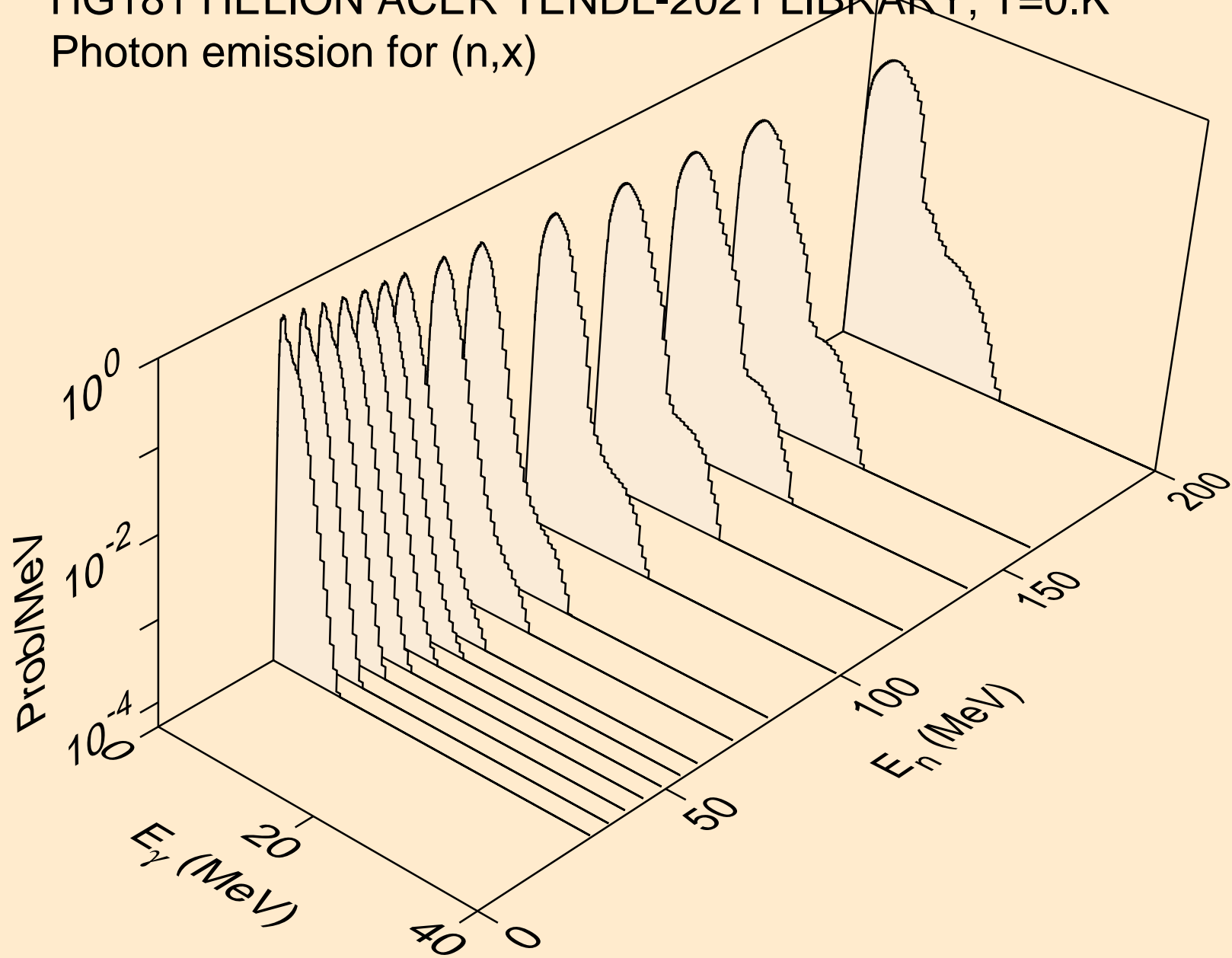
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



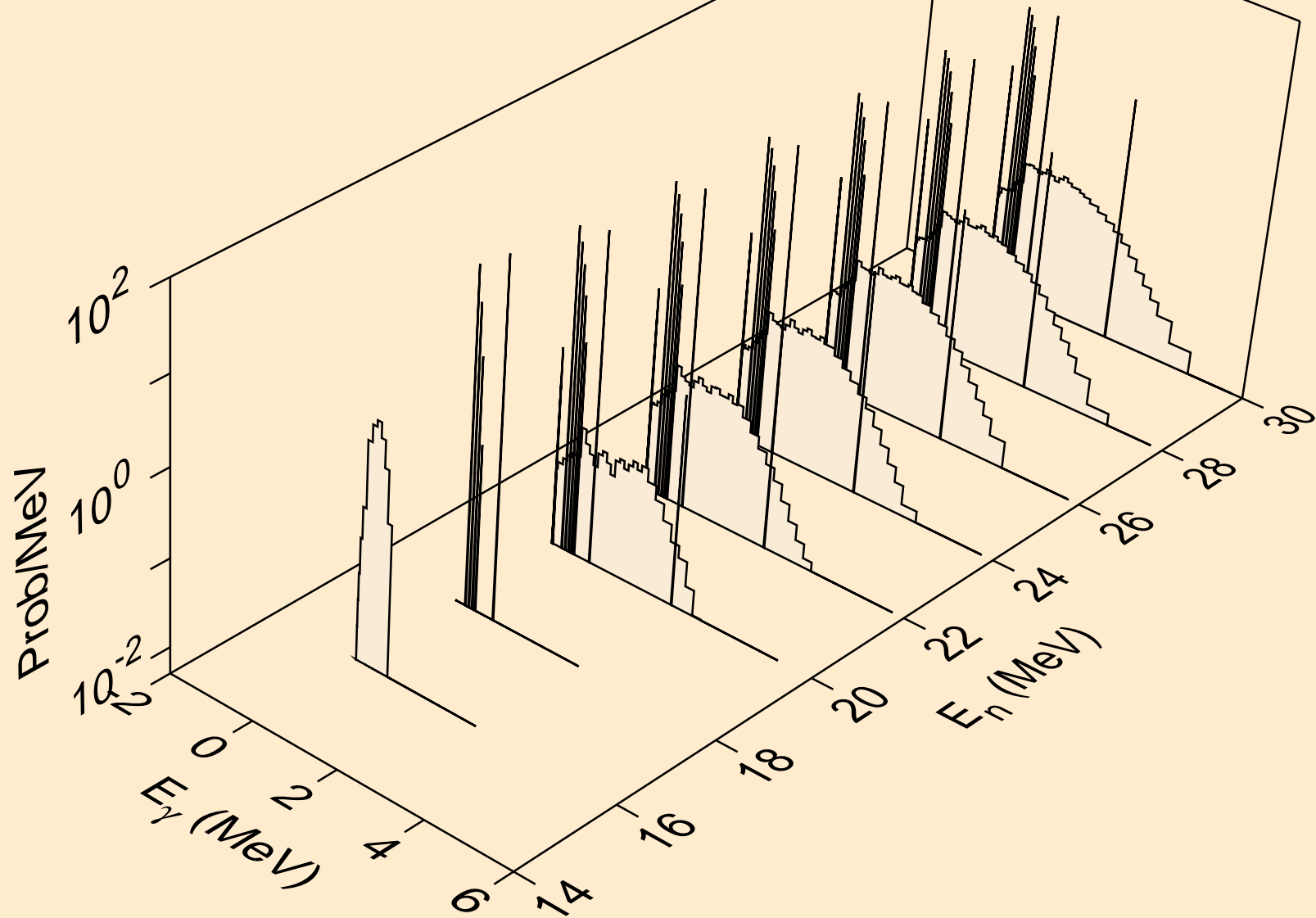
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



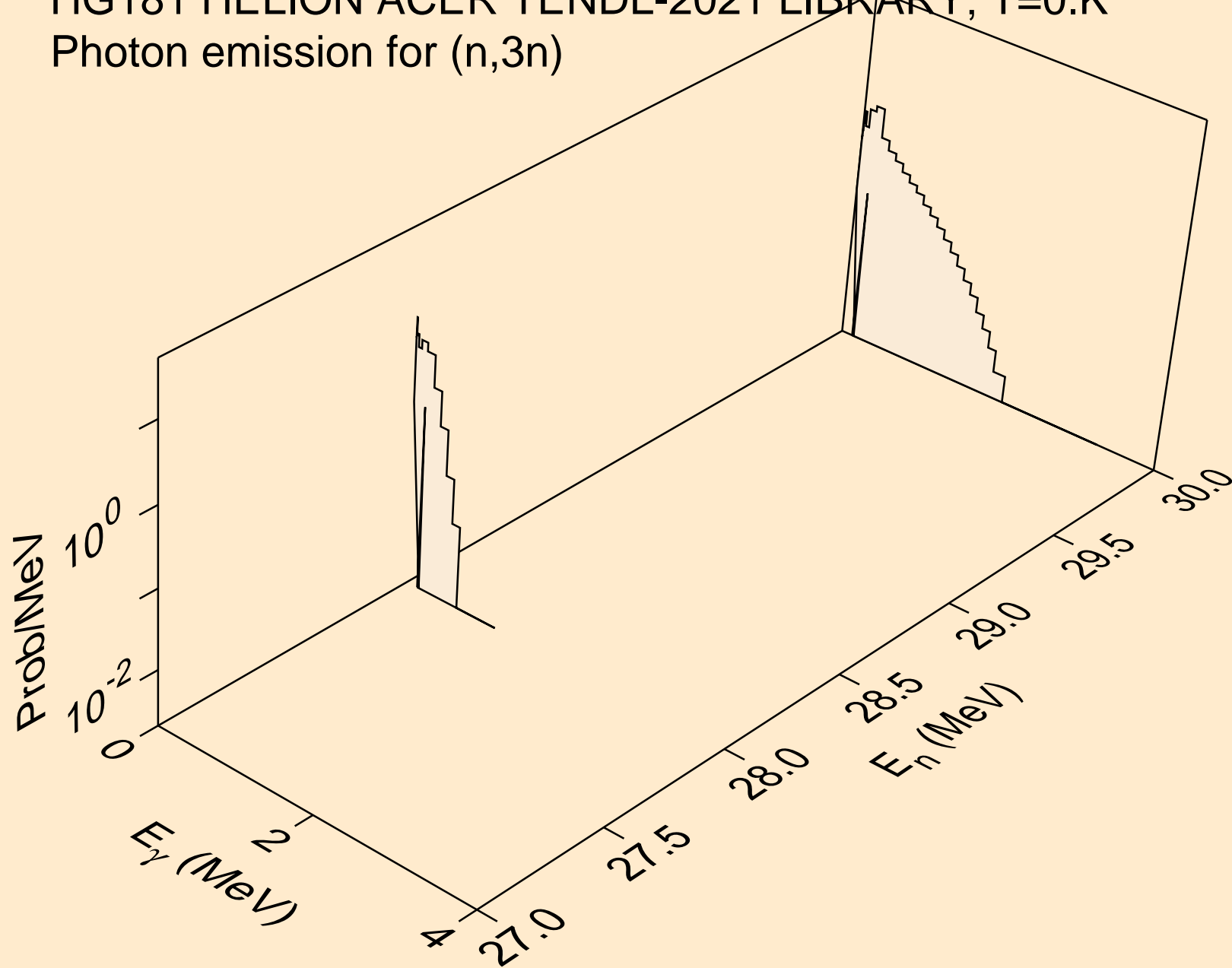
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



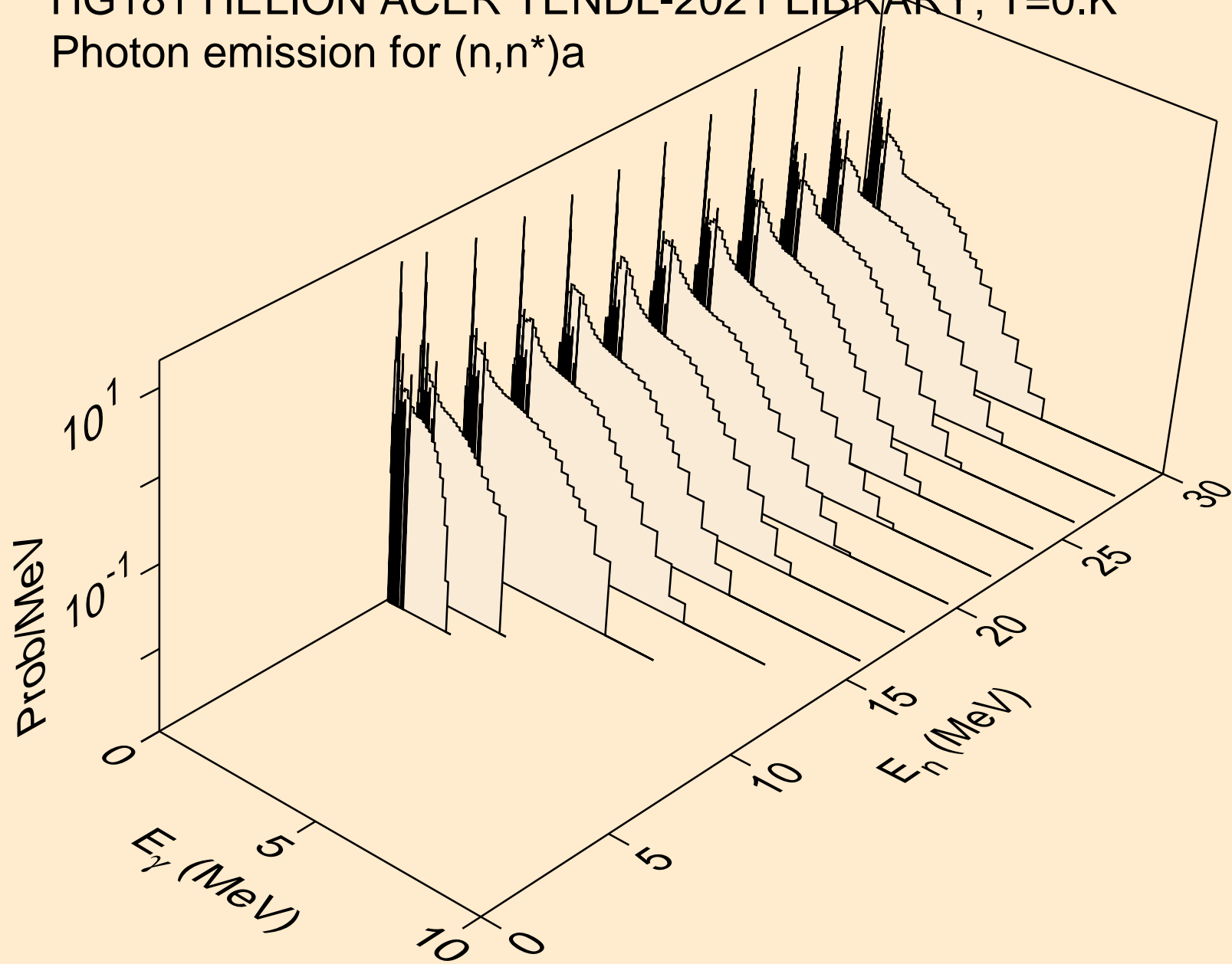
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



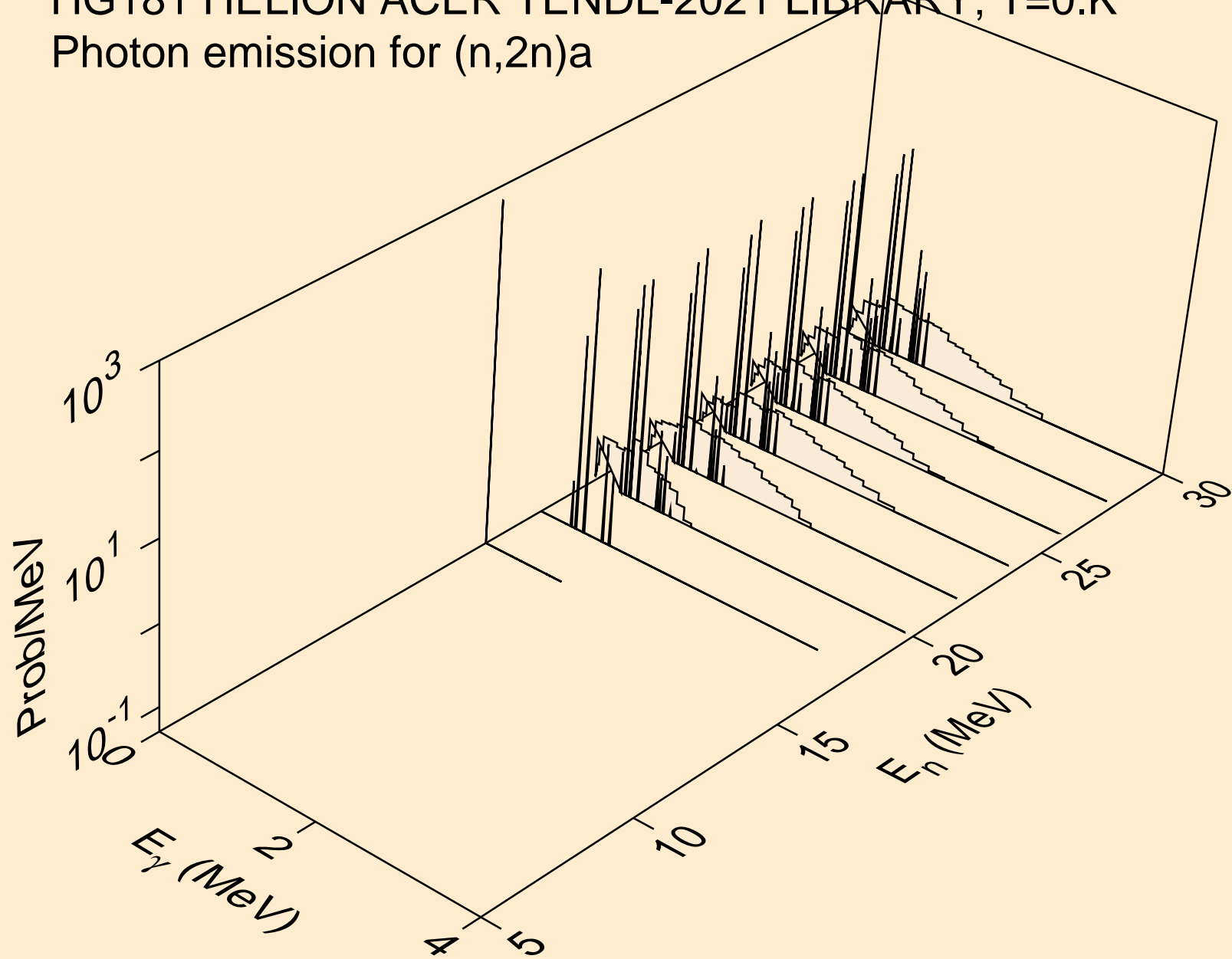
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



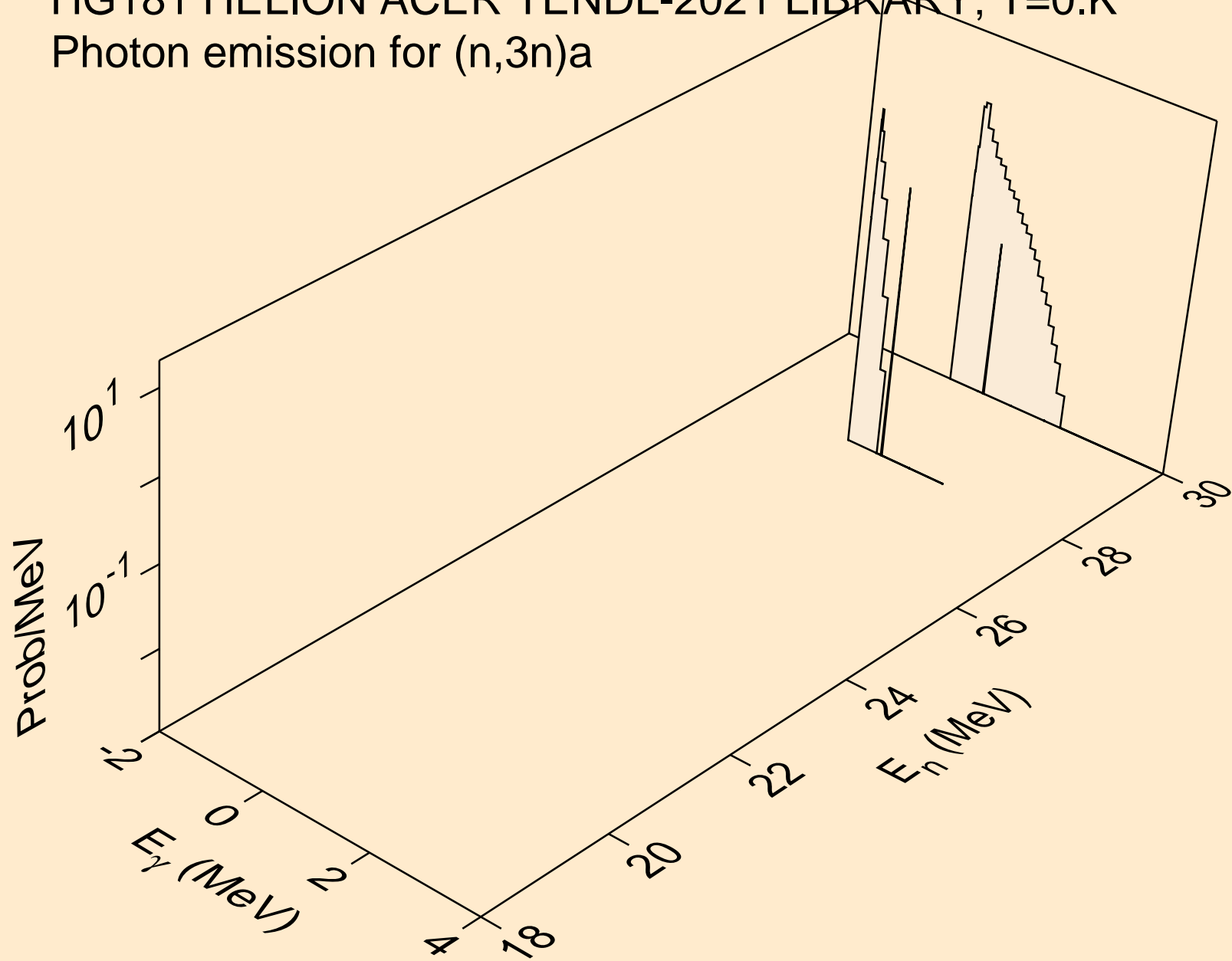
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

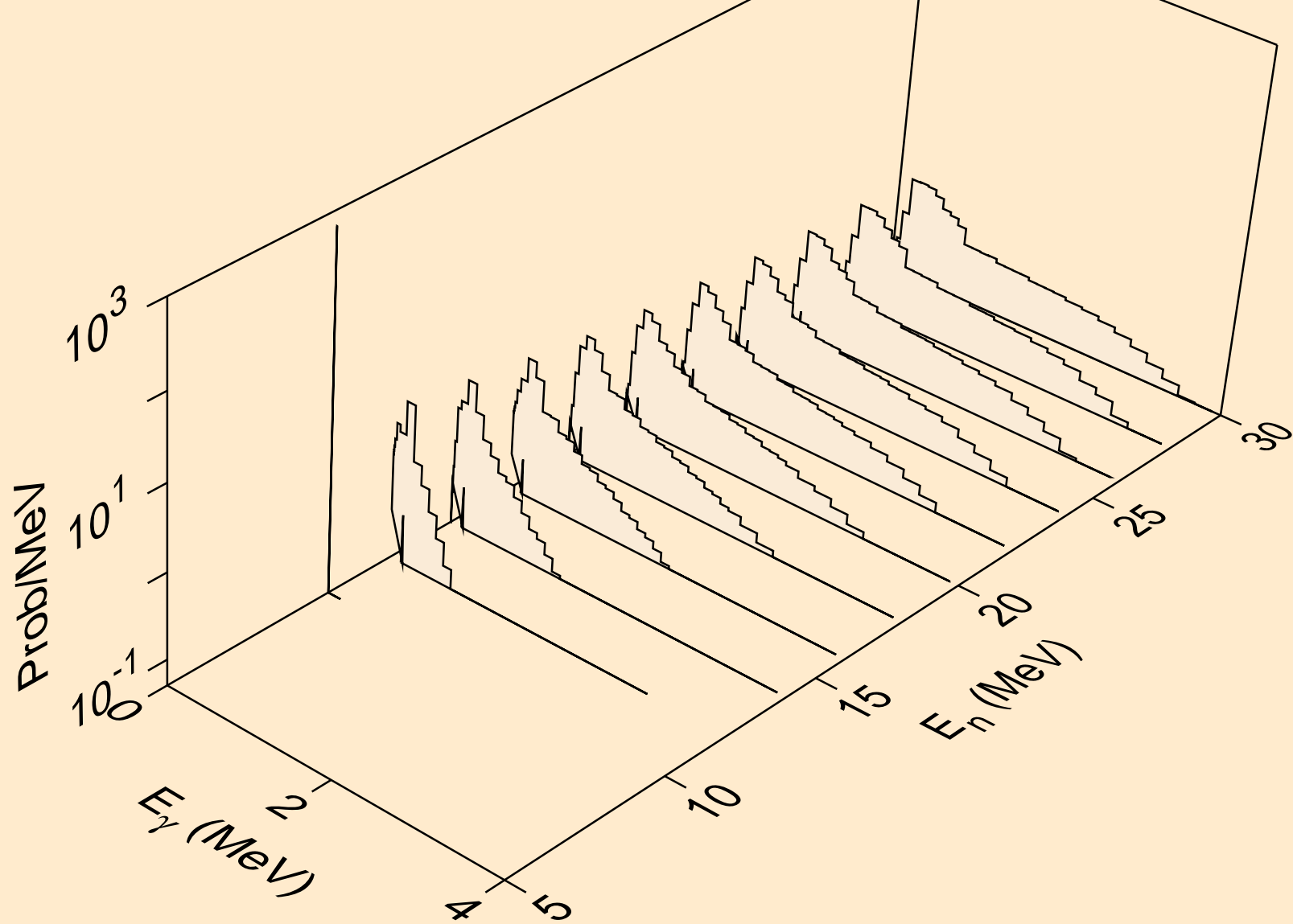


HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a

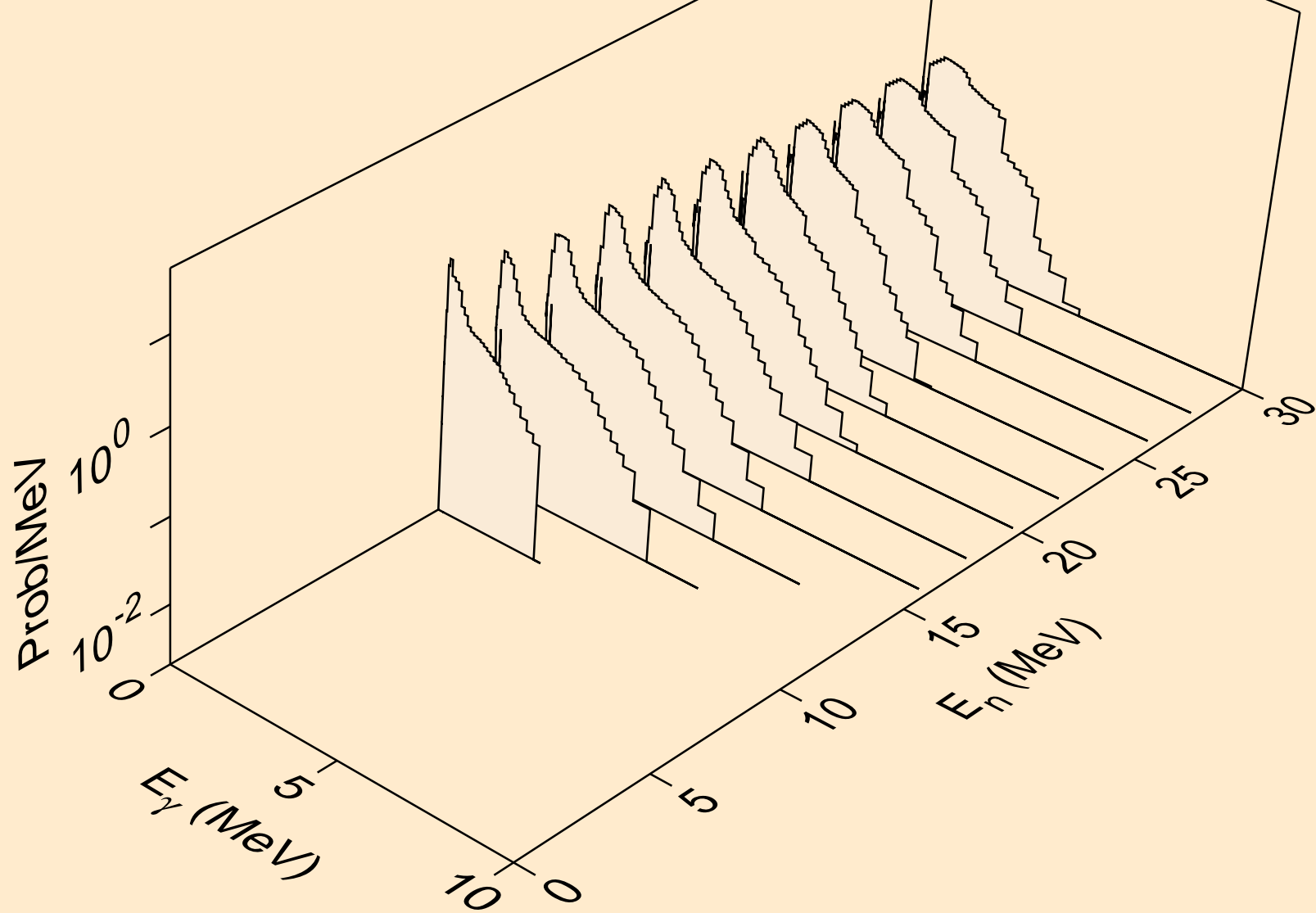




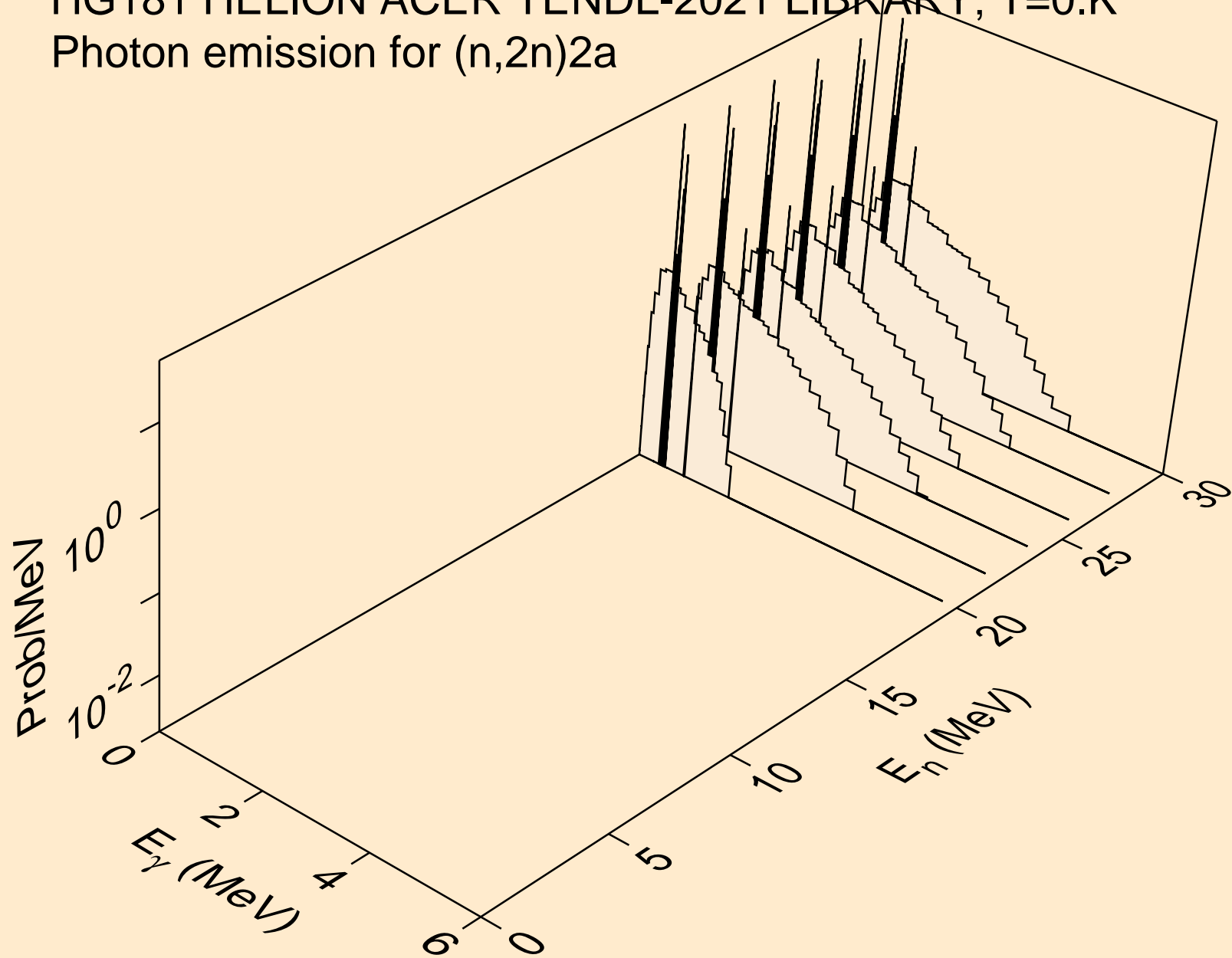
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



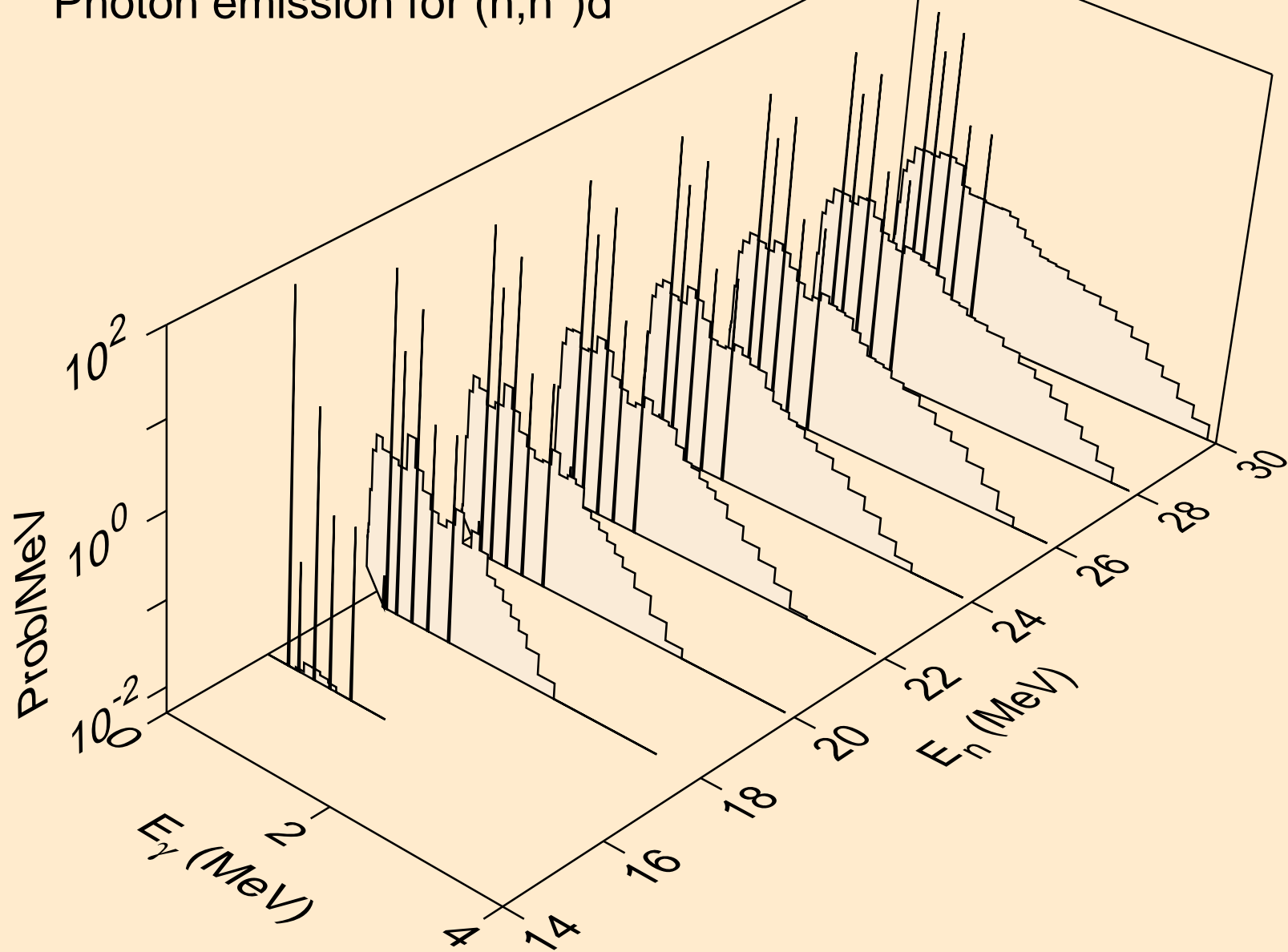
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



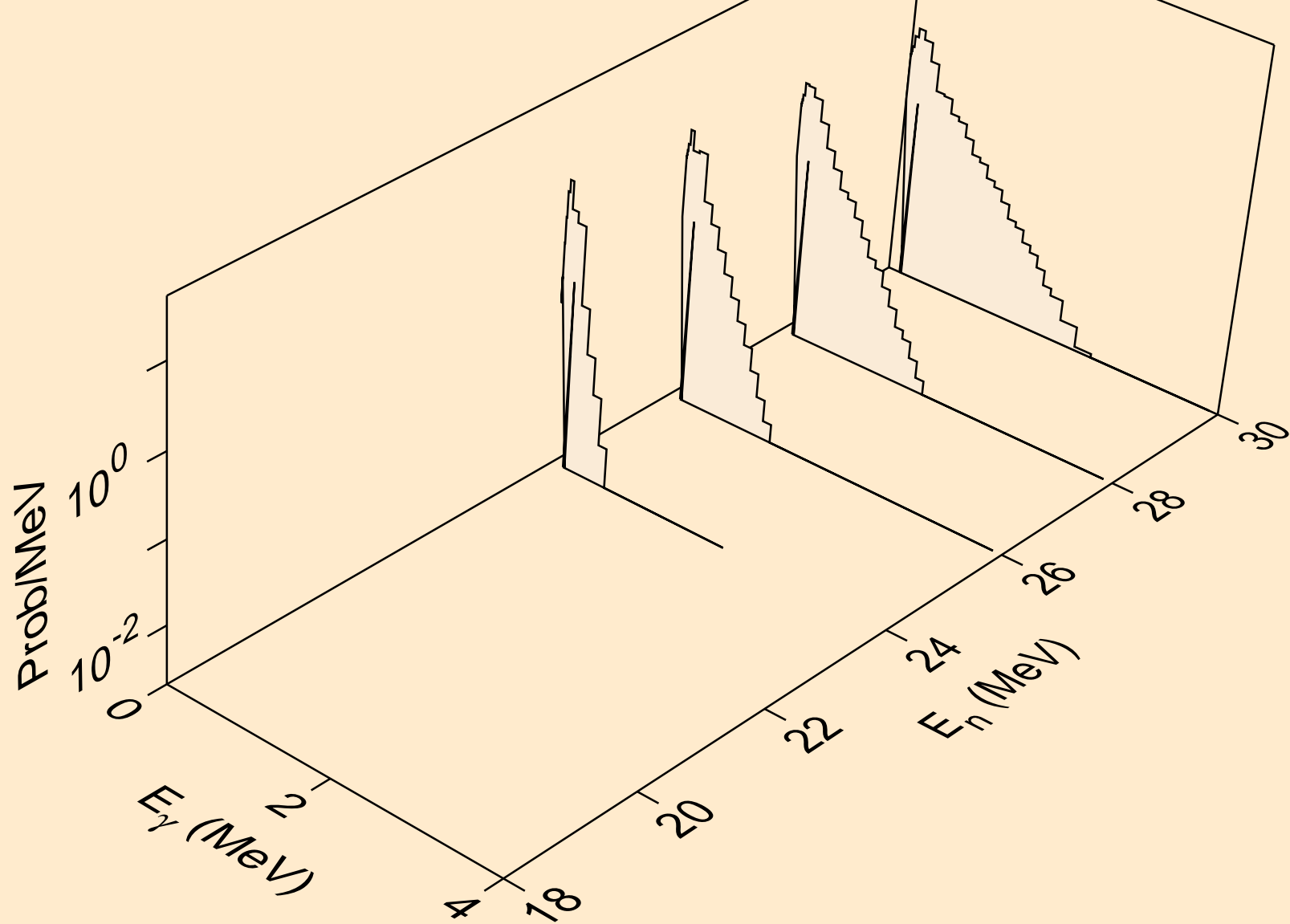
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



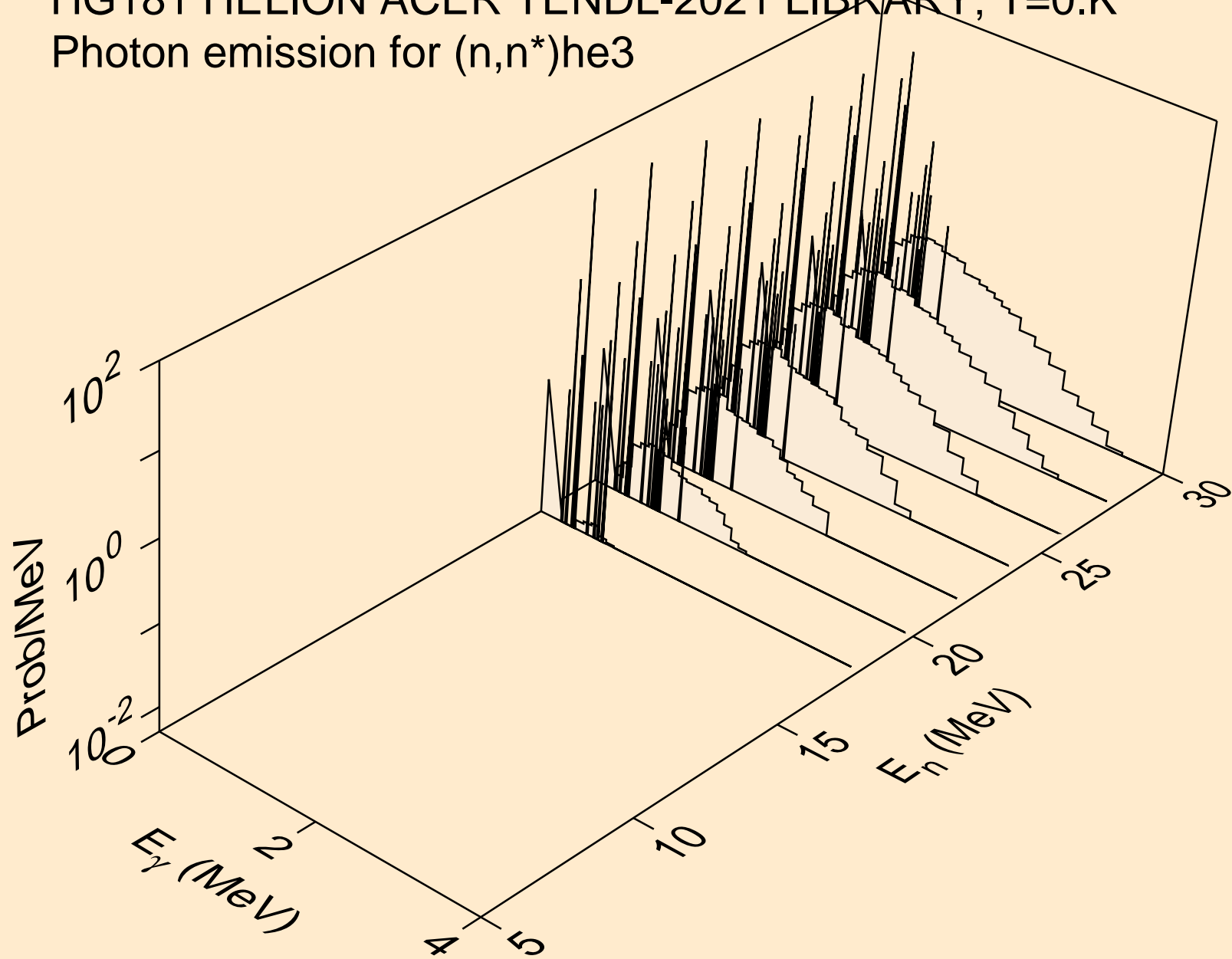
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



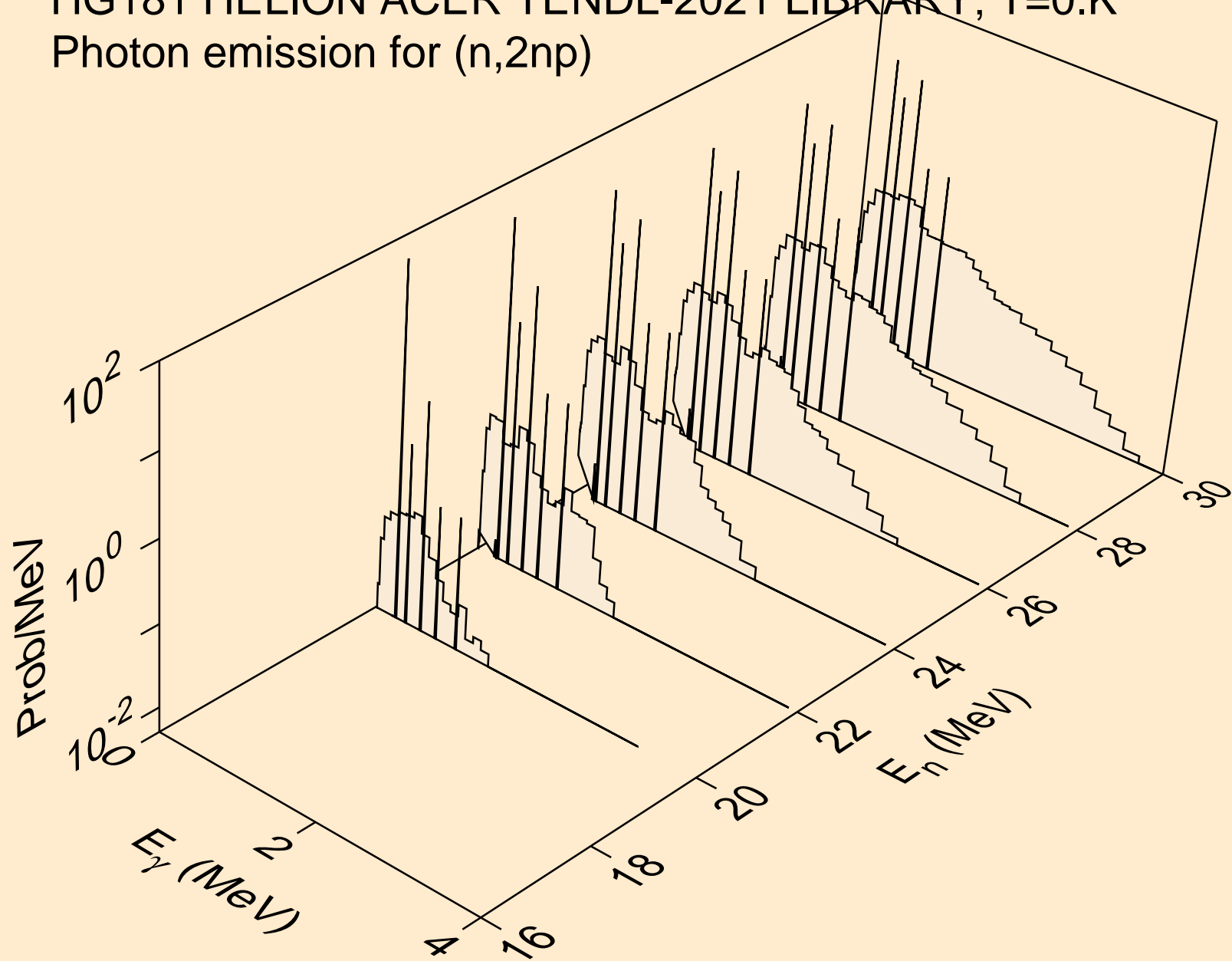
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



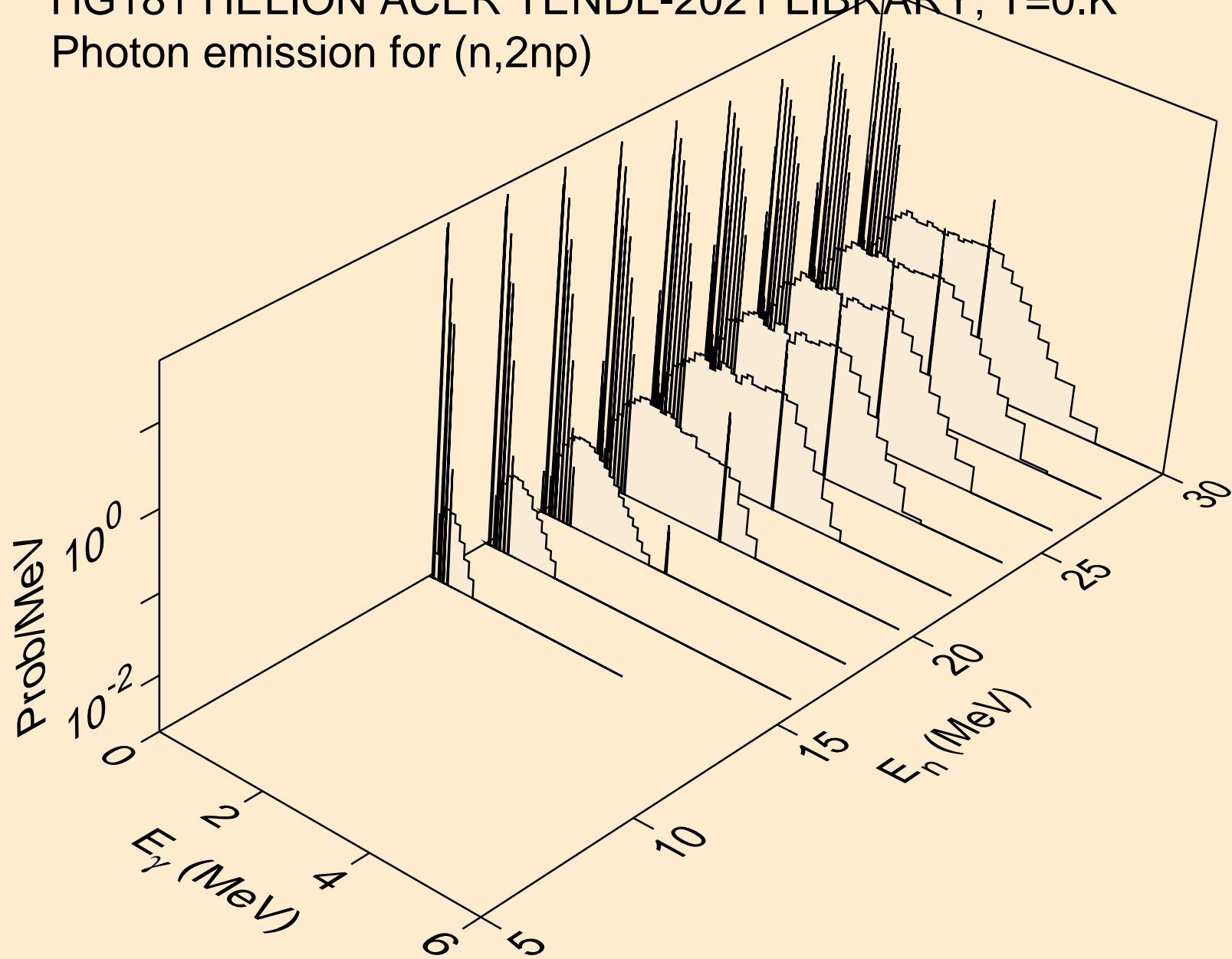
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

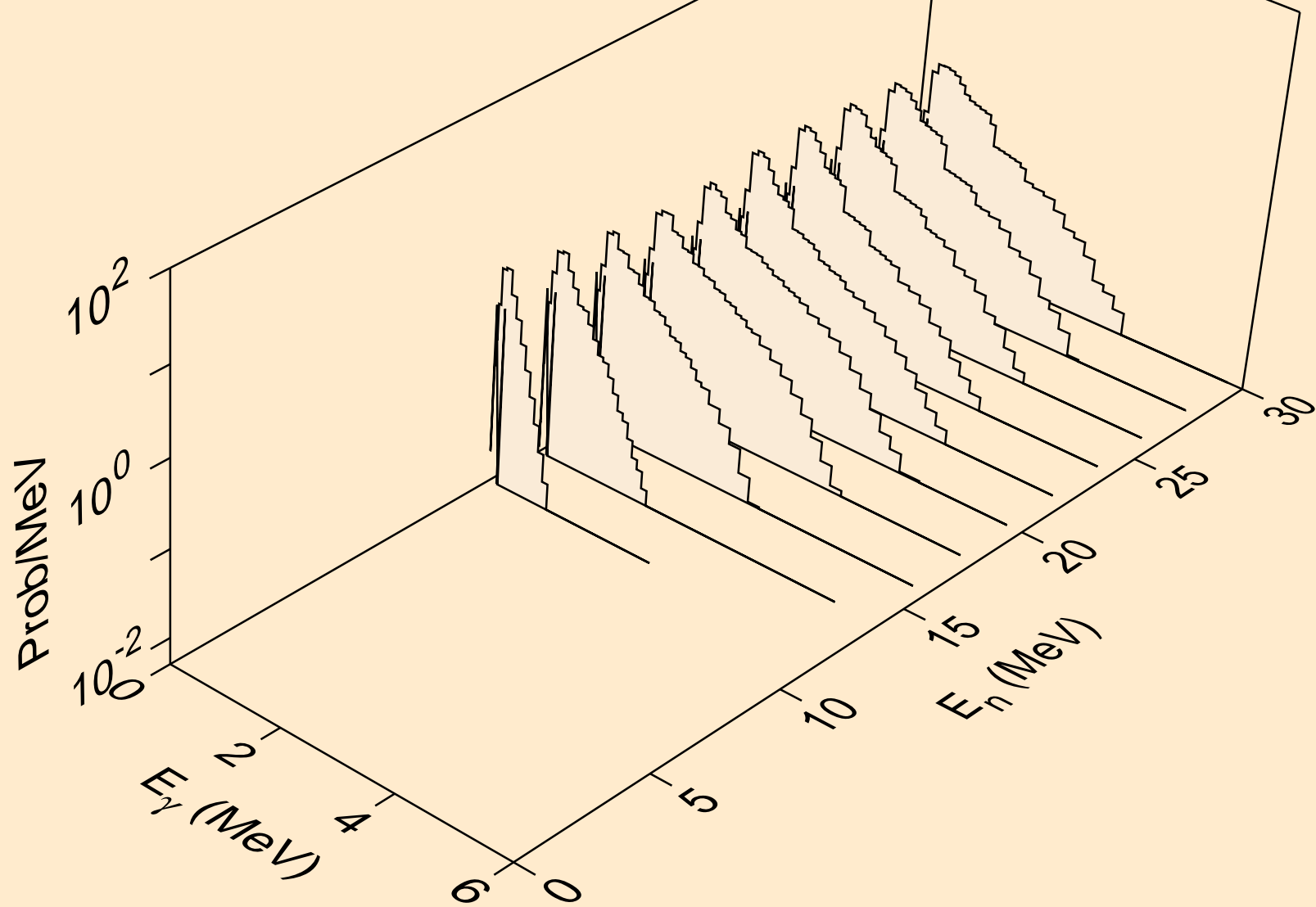


HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

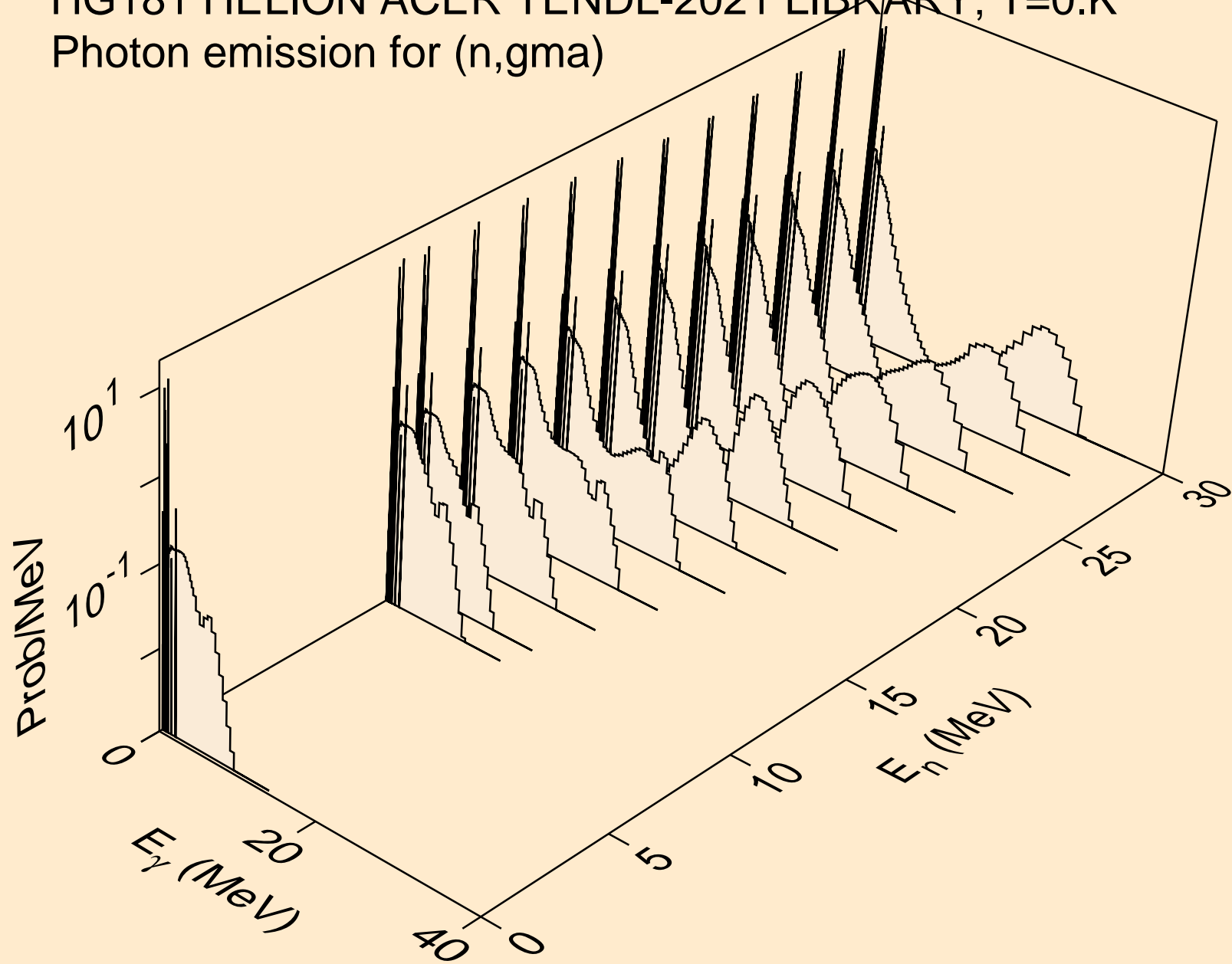




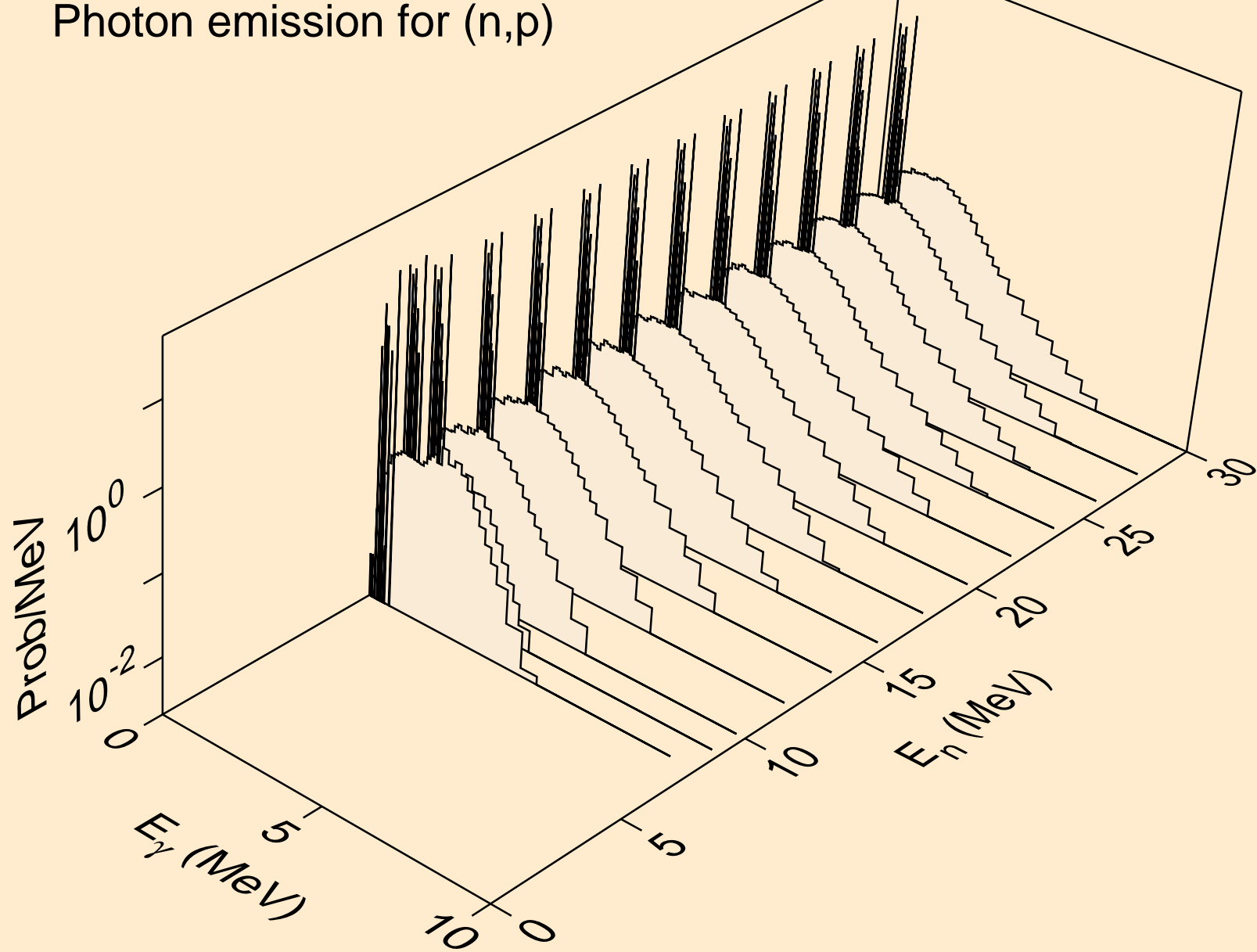
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Photon emission for (n,npa)



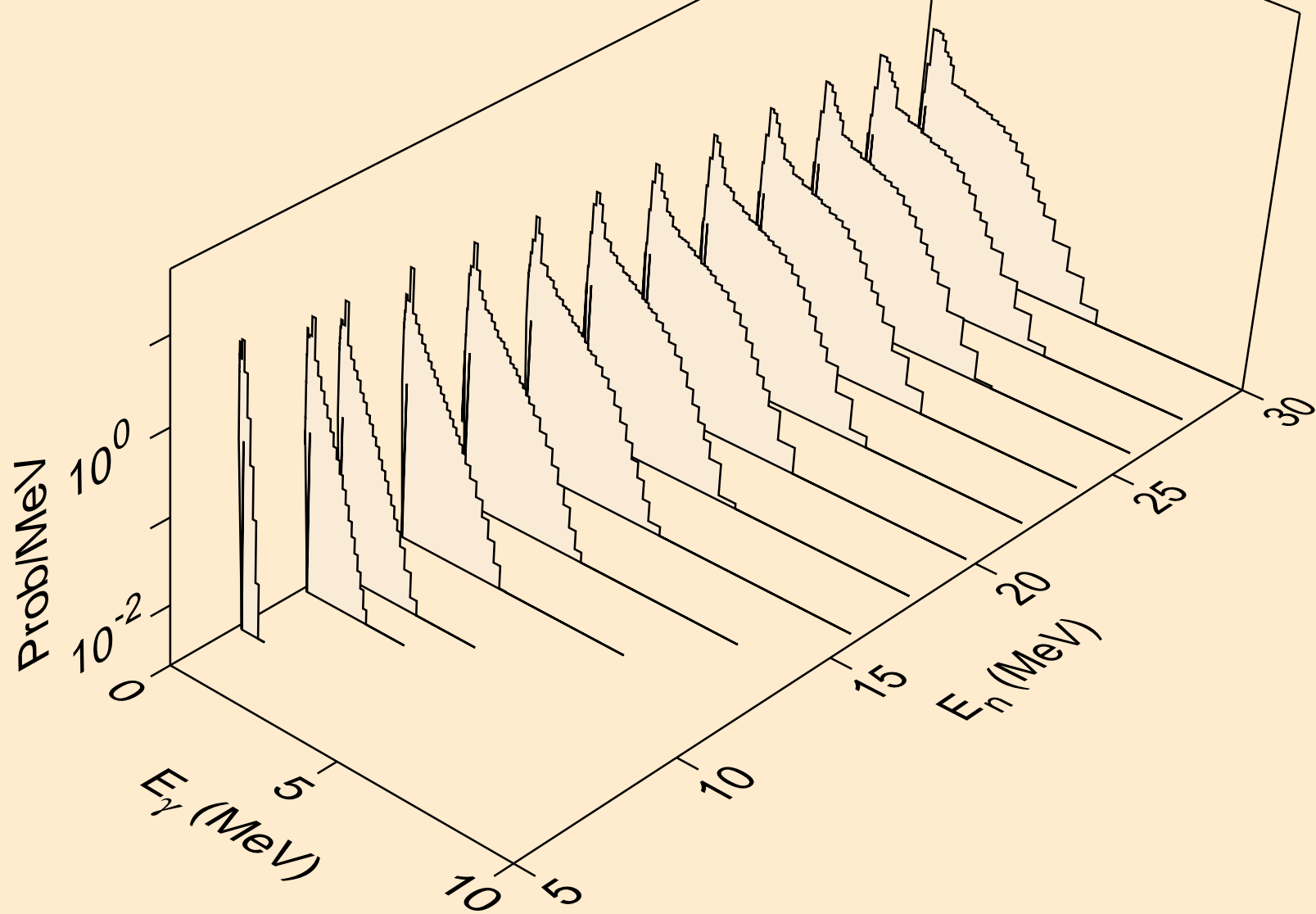
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



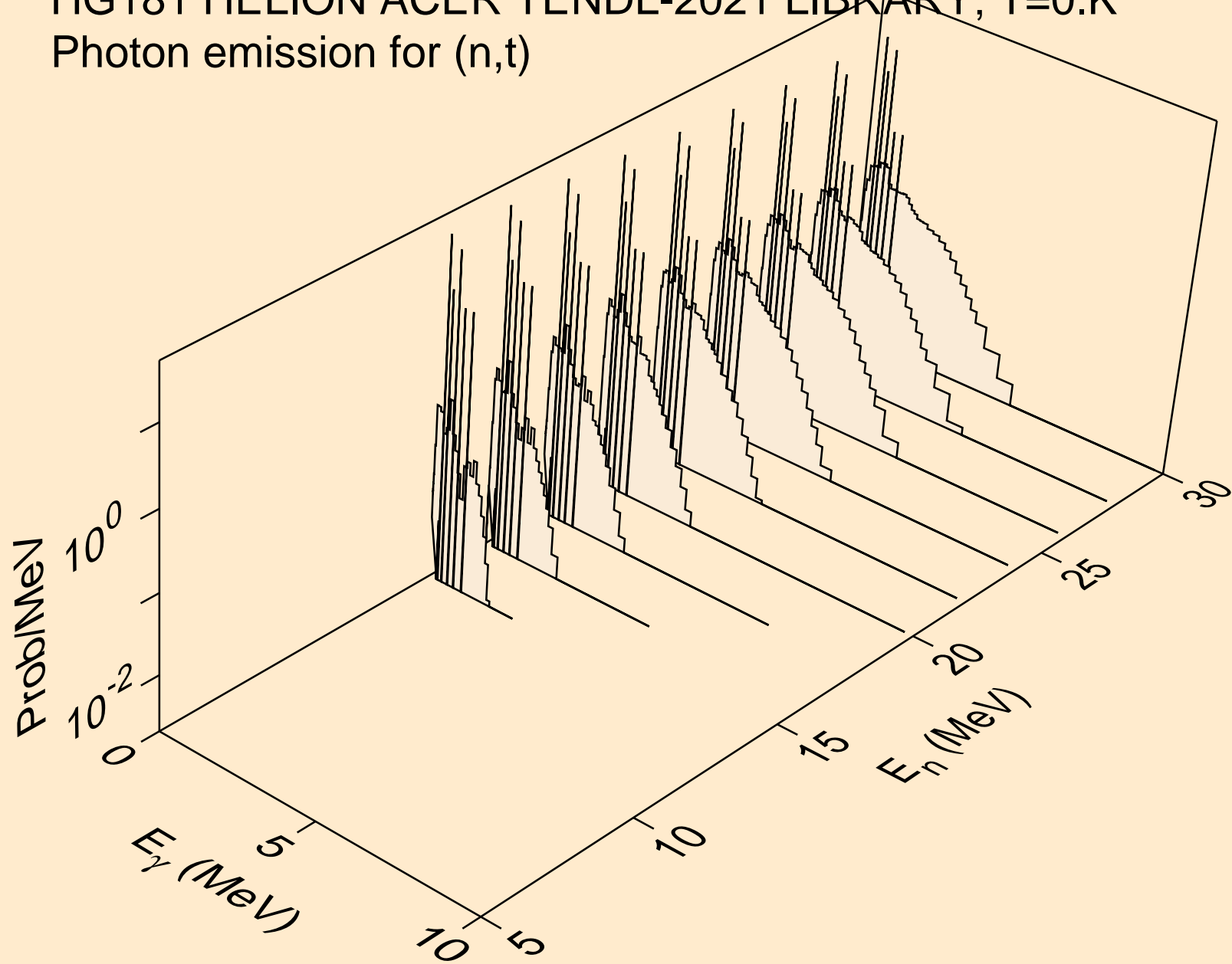
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



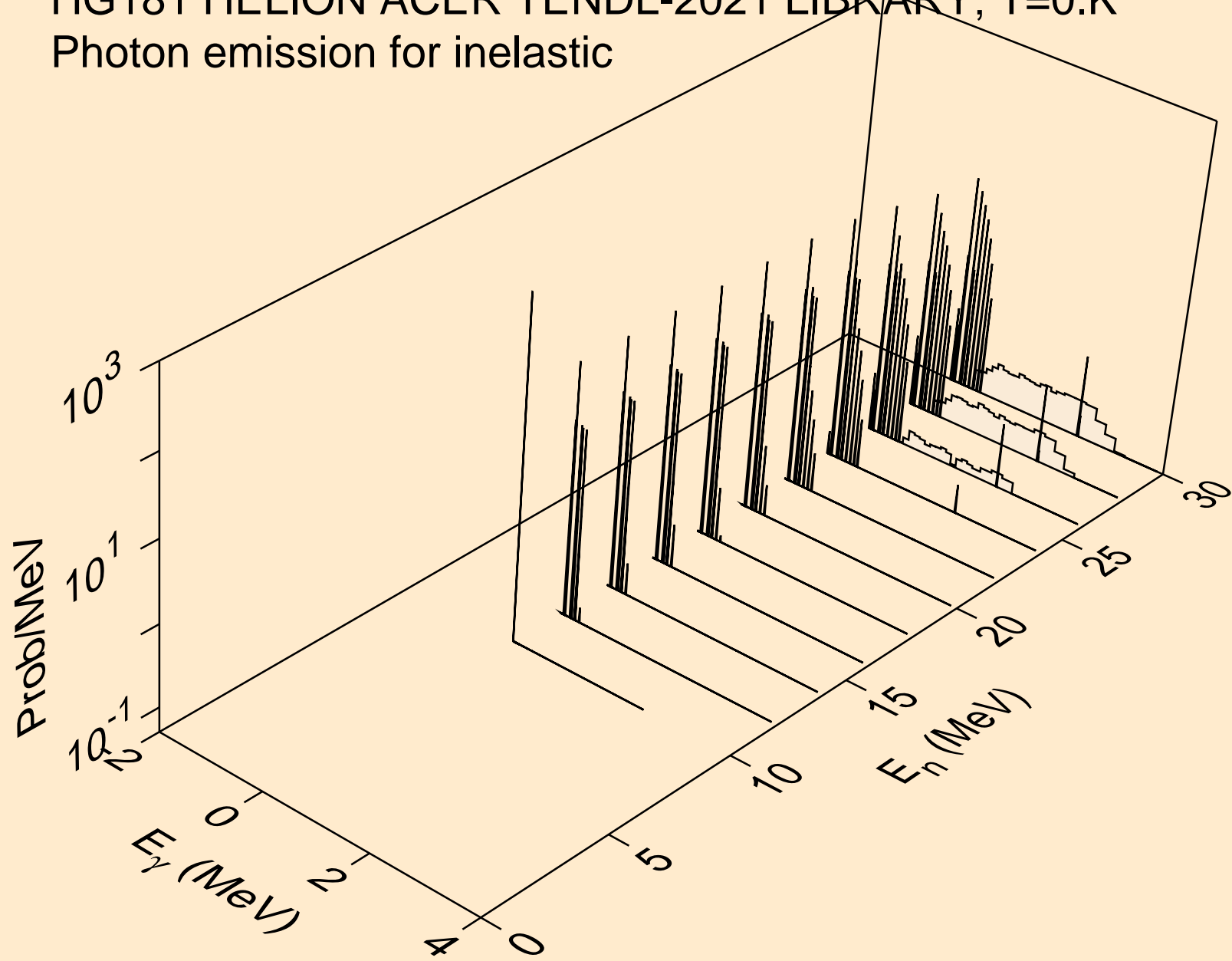
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



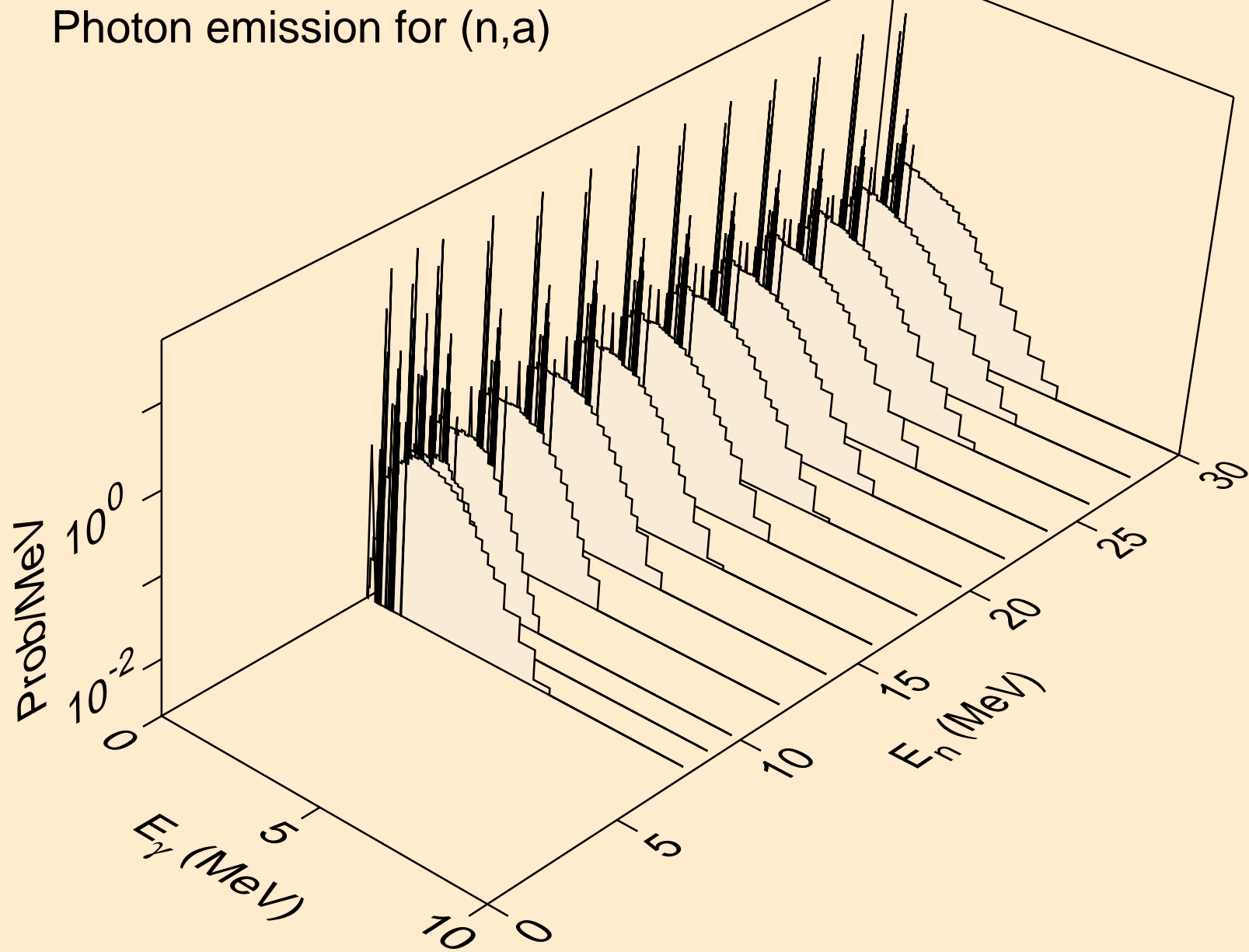
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



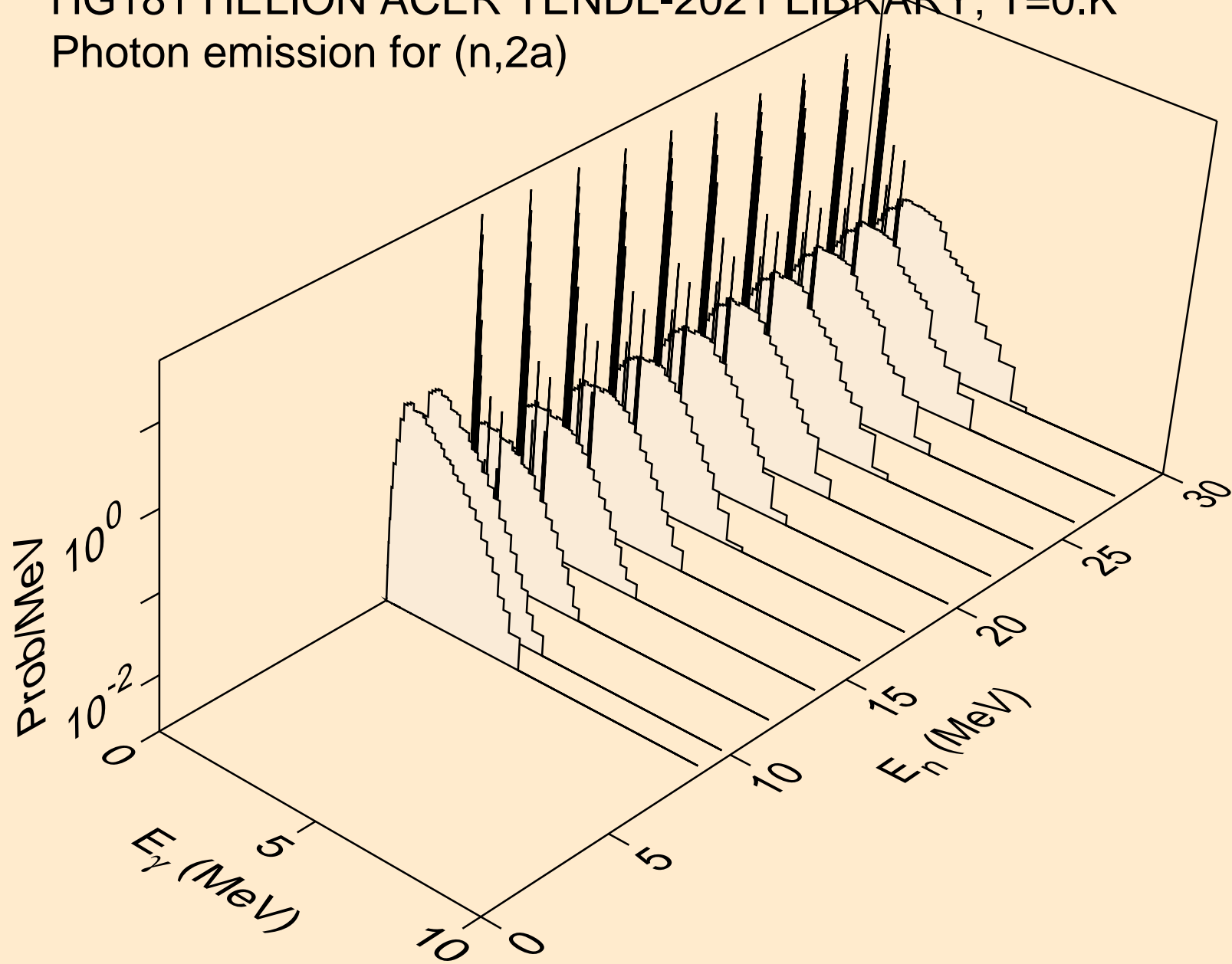
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

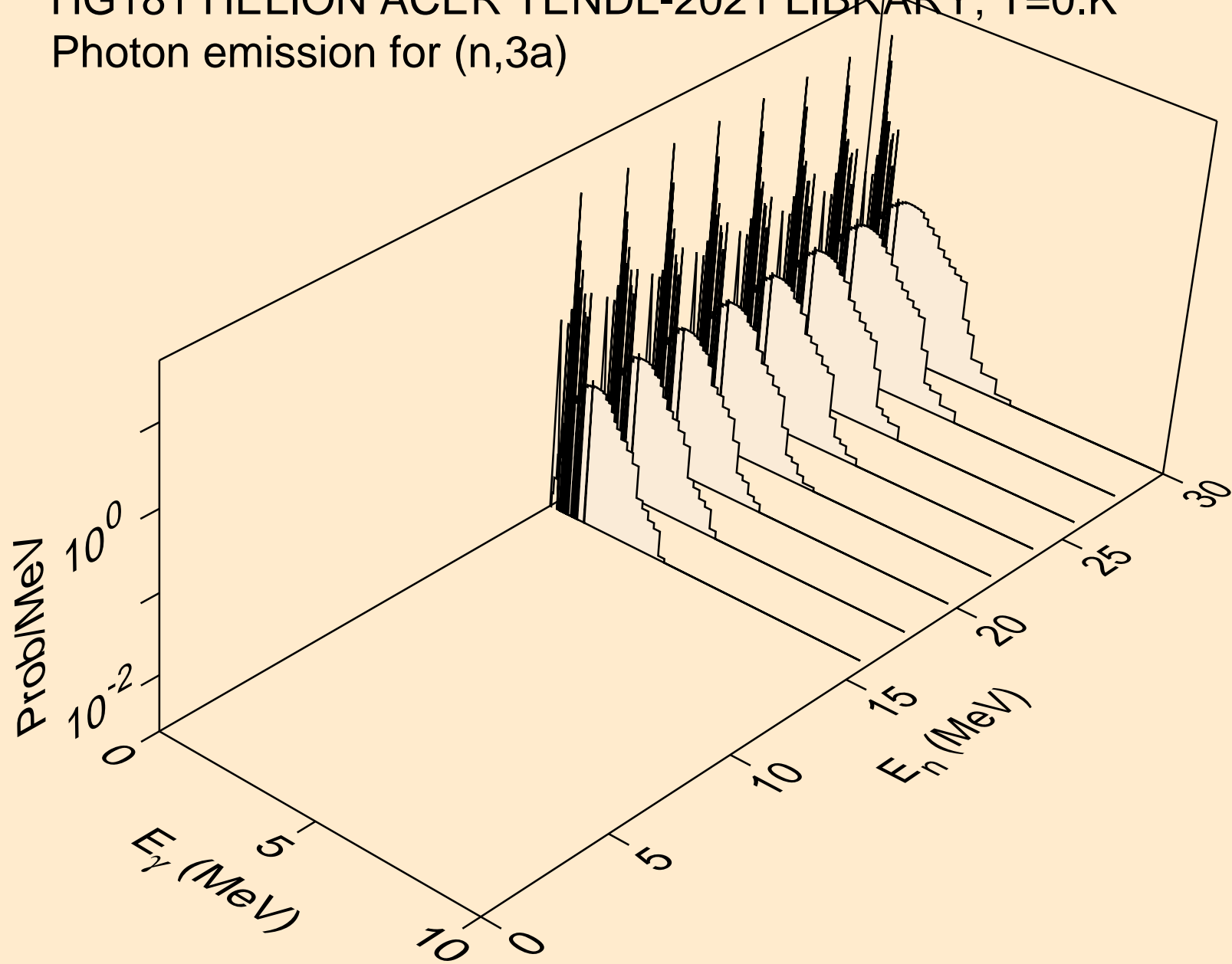


HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

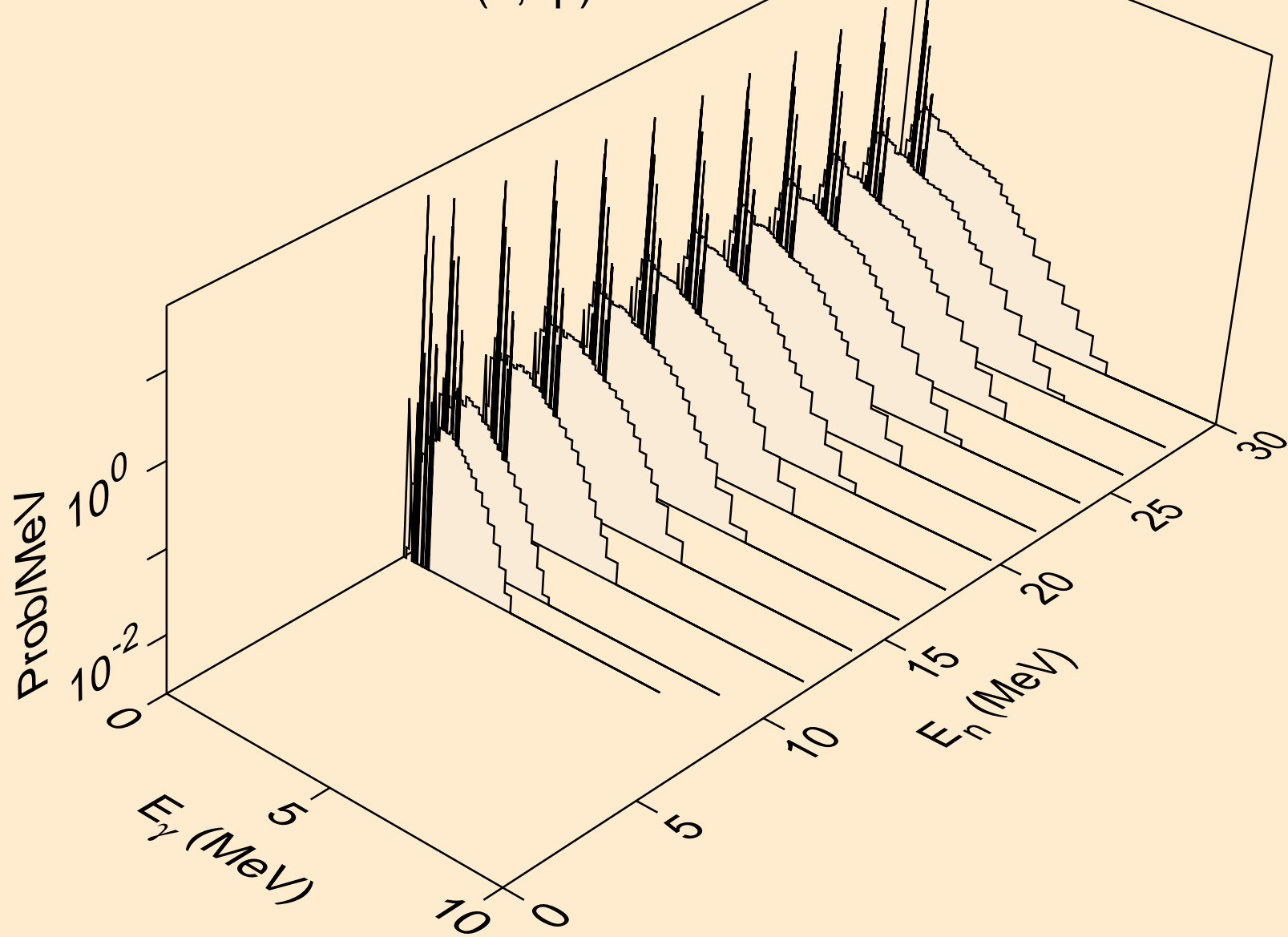




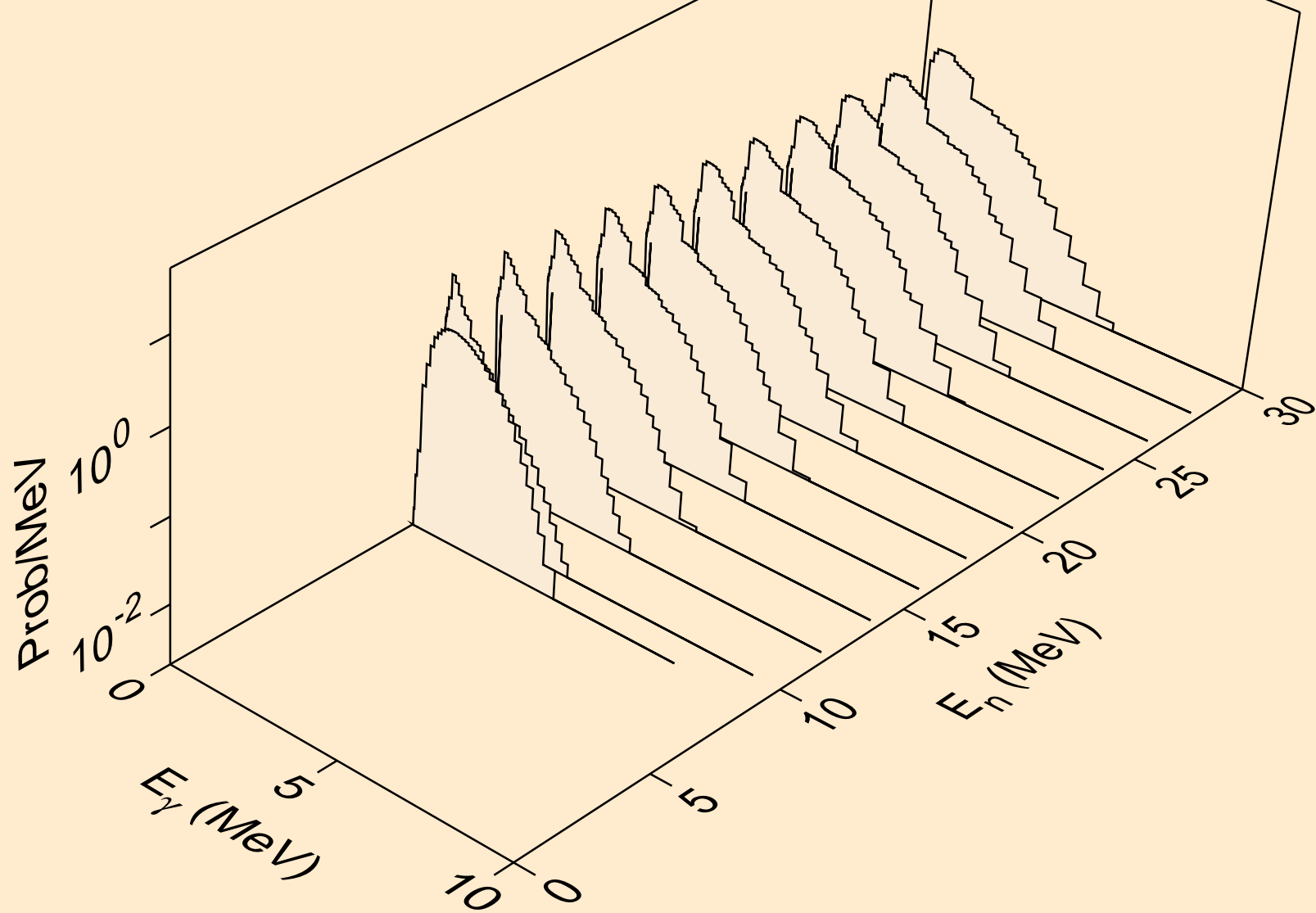
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)



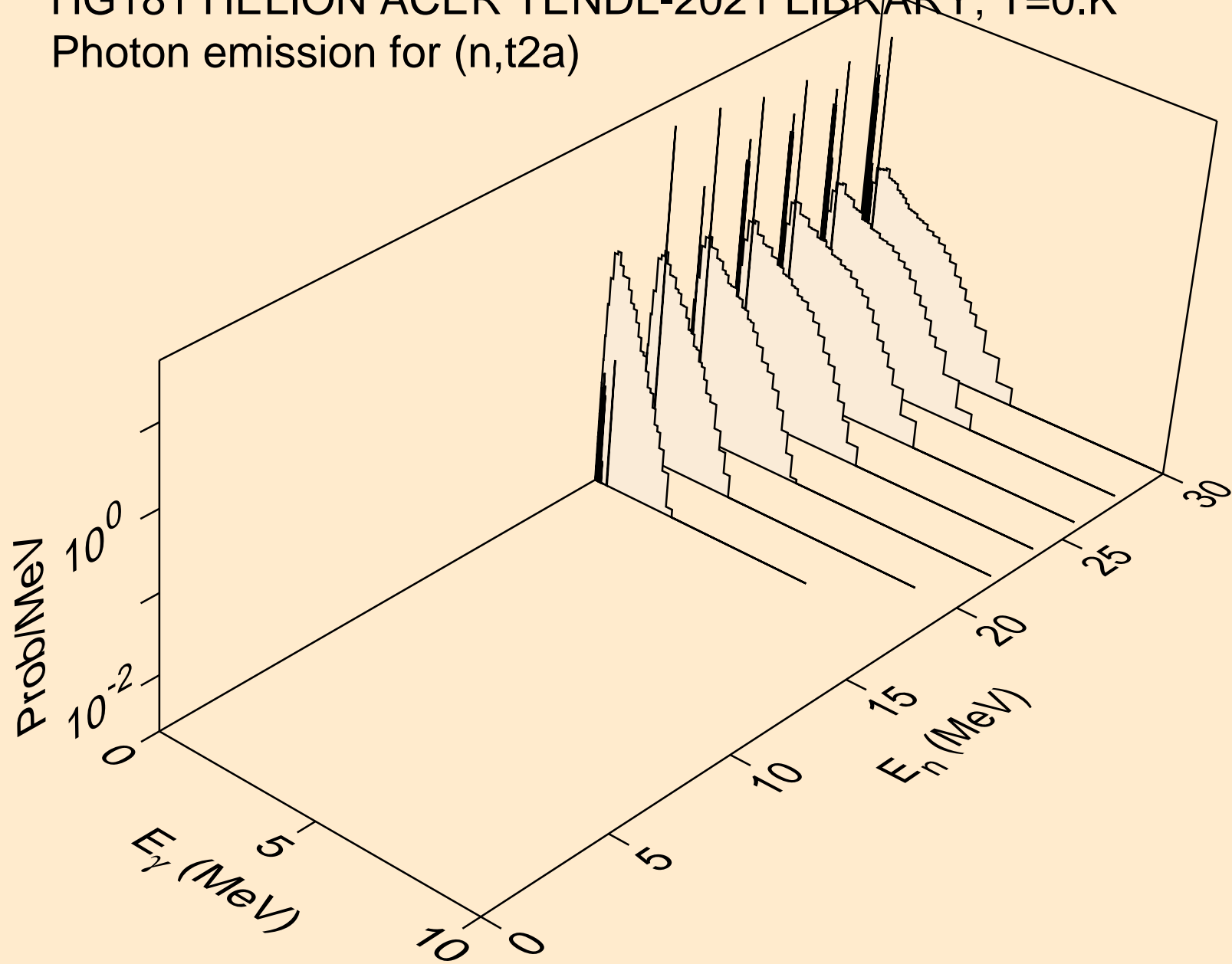
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



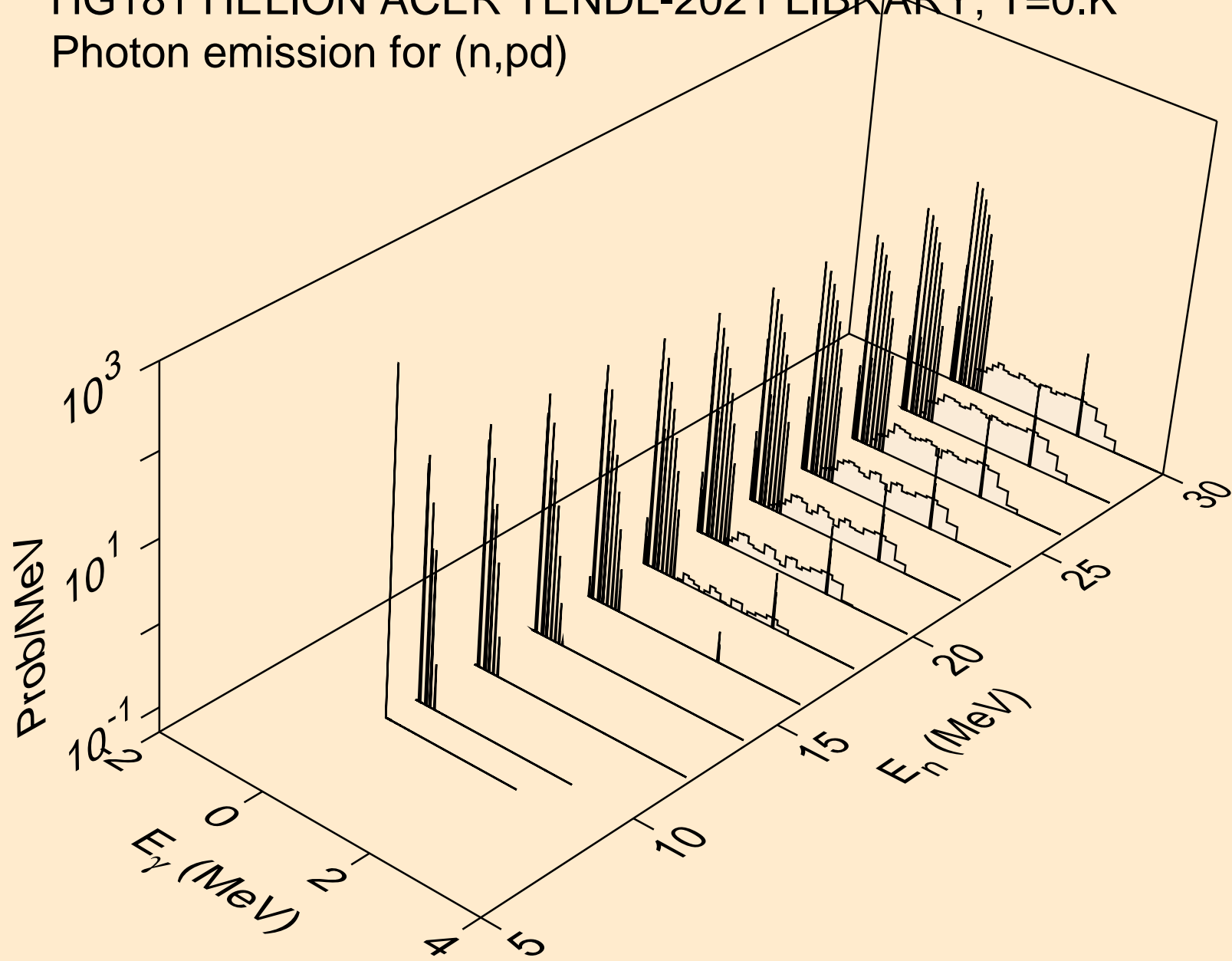
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



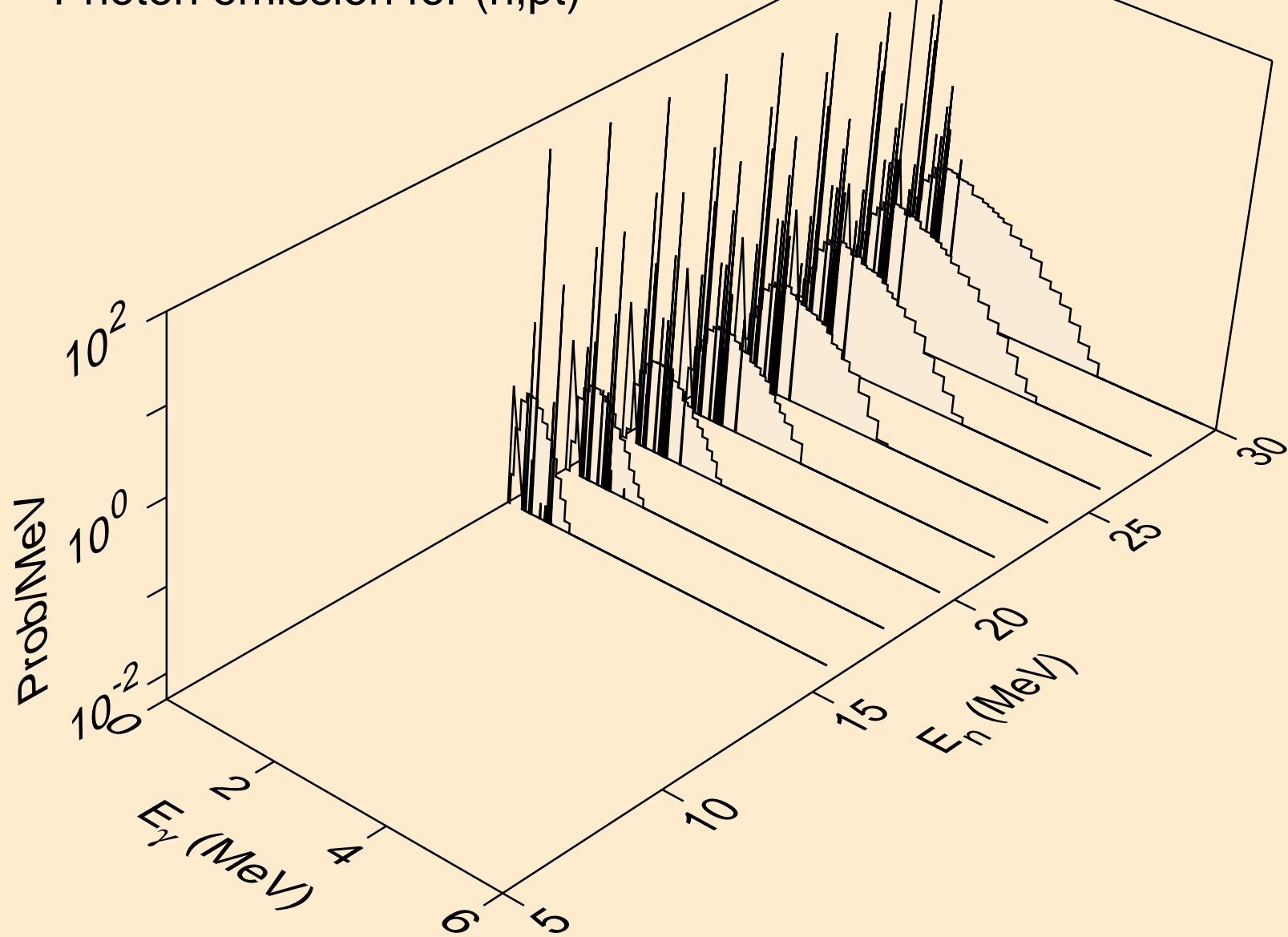
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t2a)



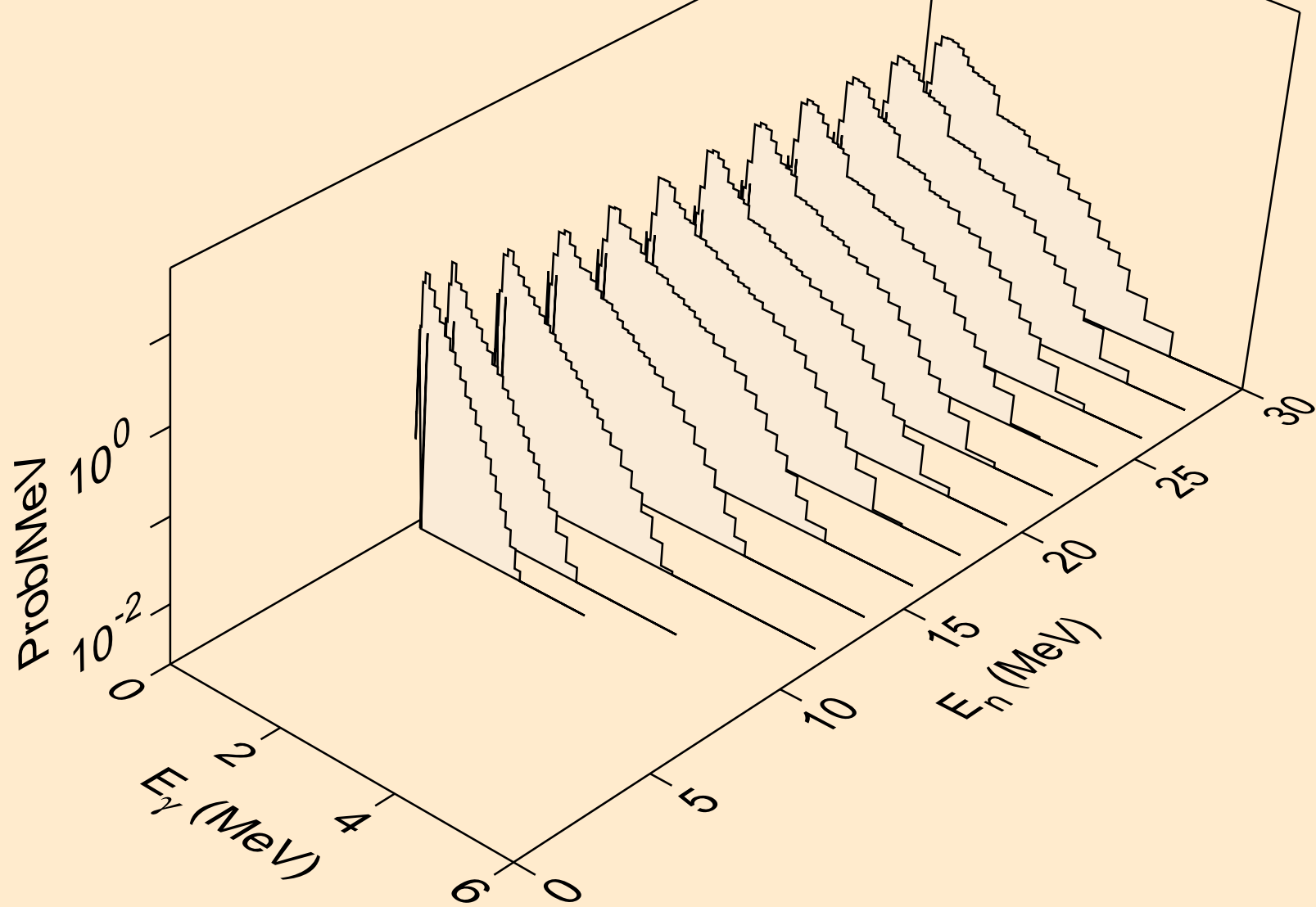
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

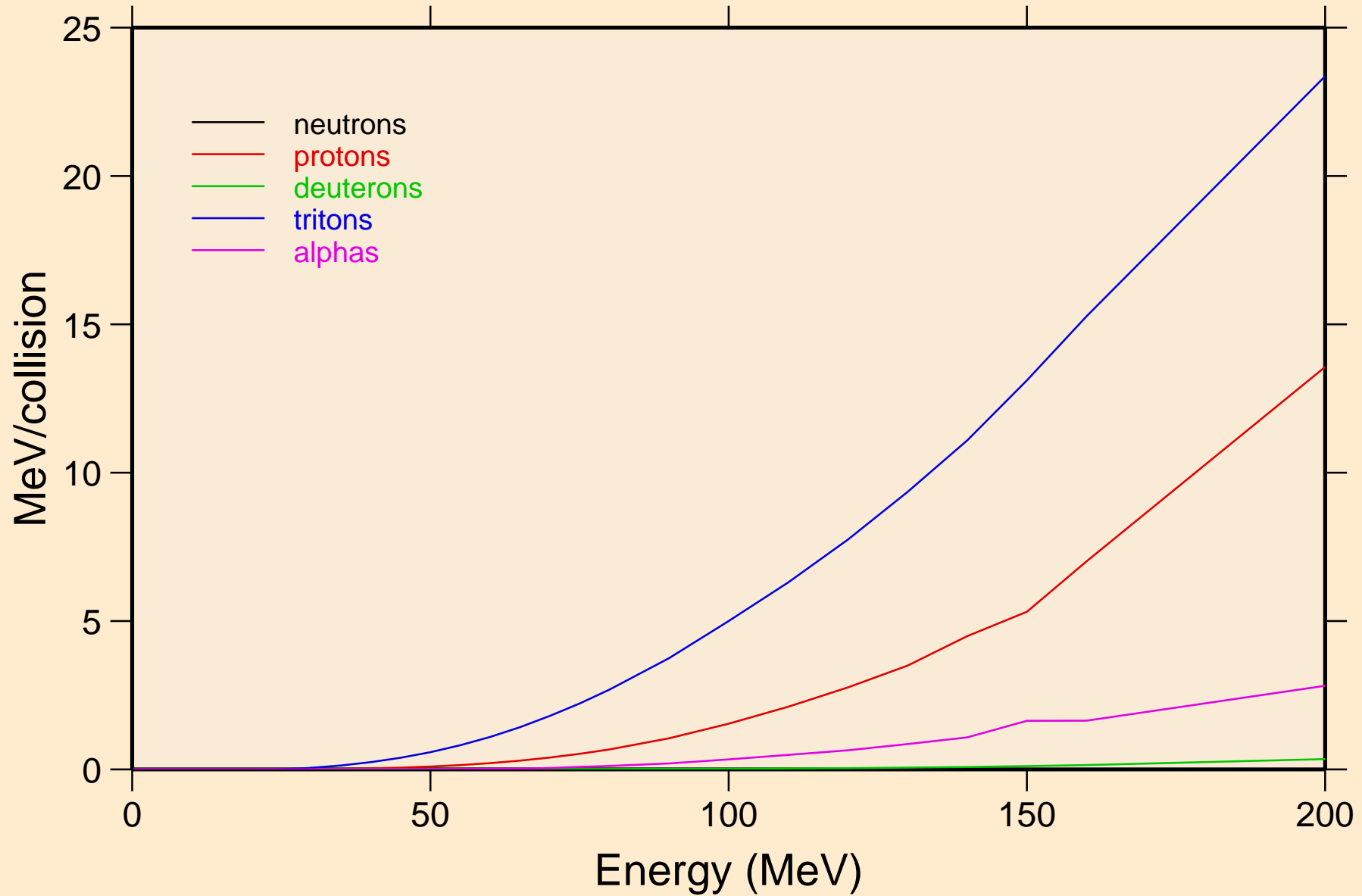


HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



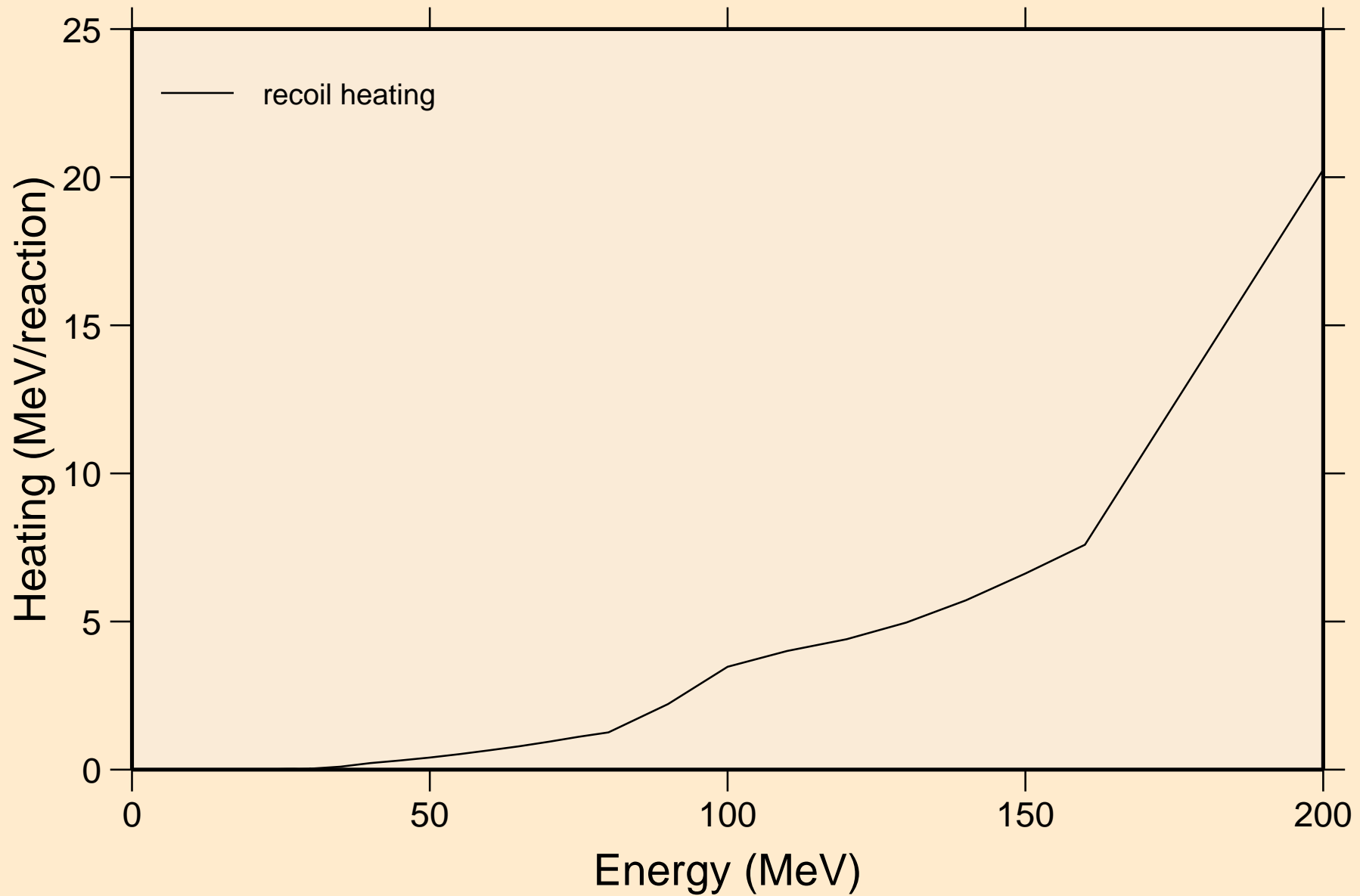
# HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions

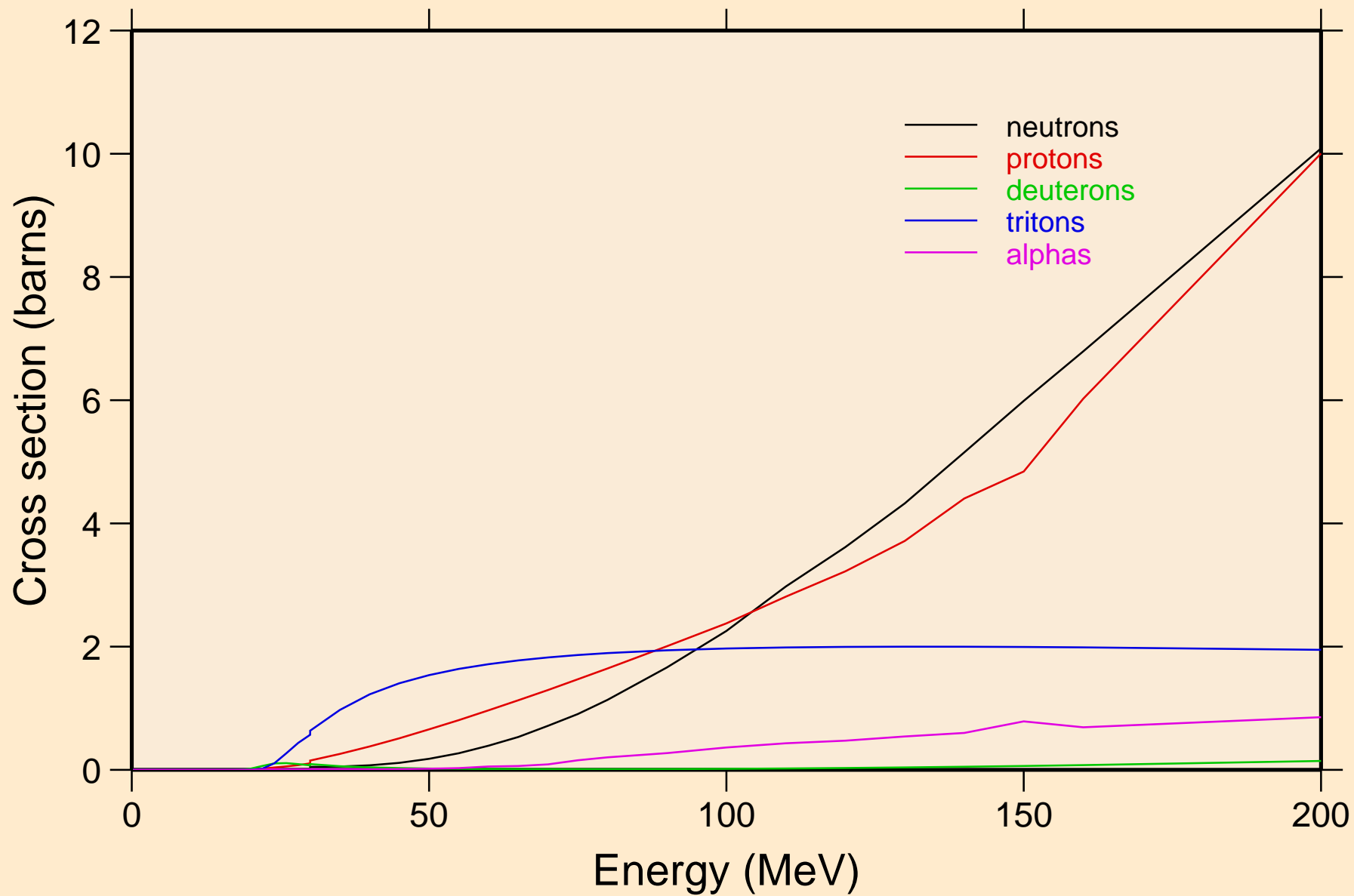




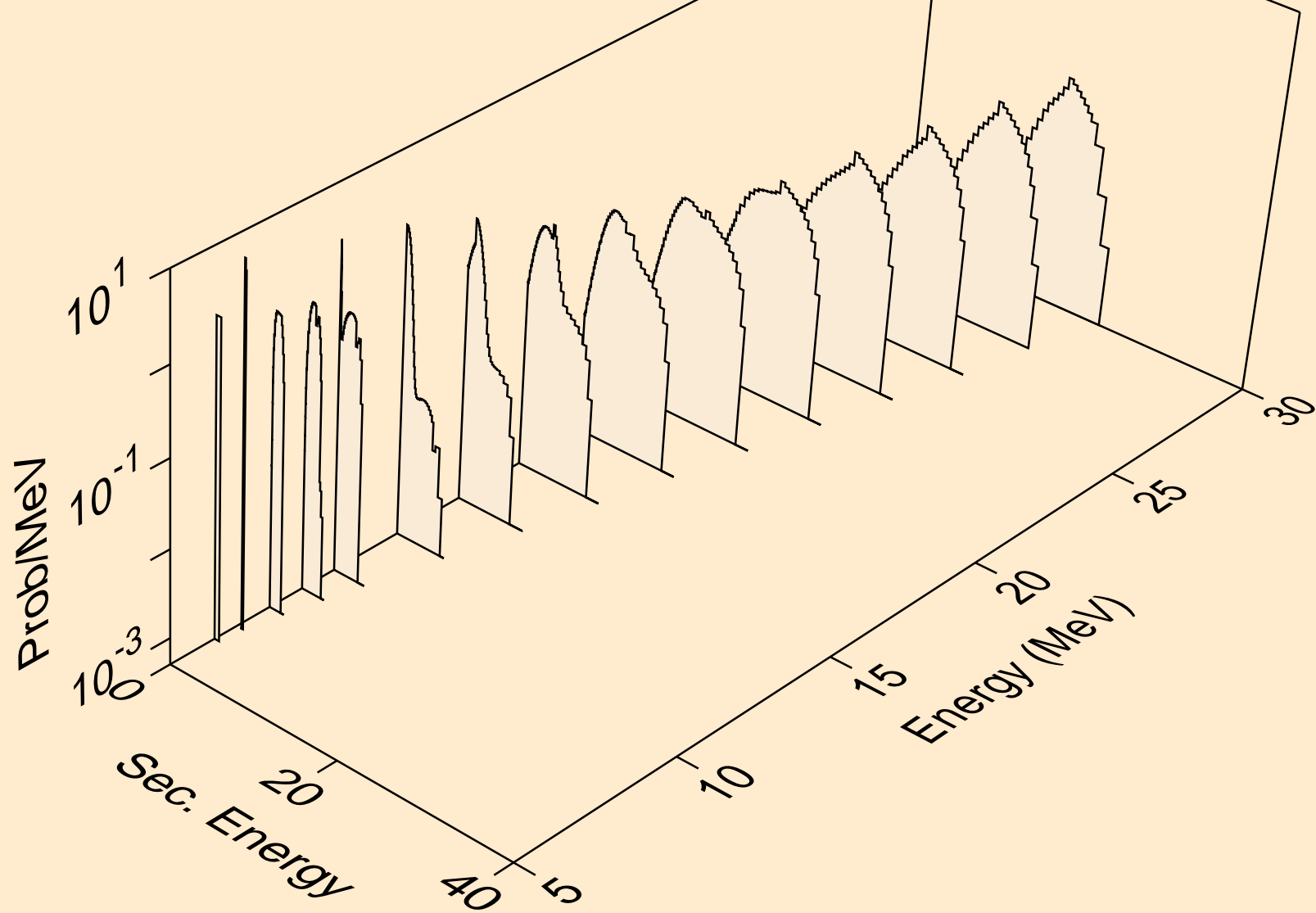
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



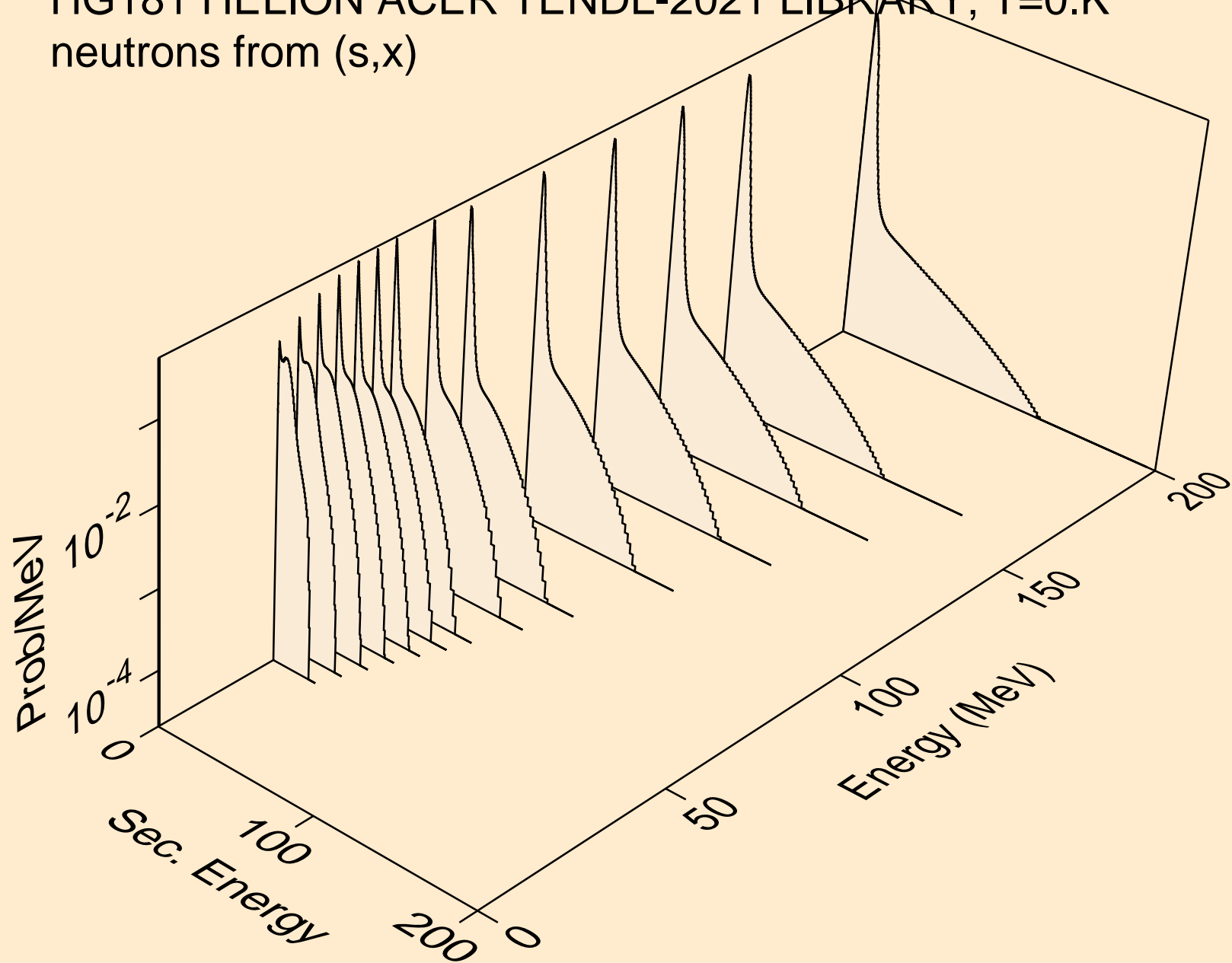
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



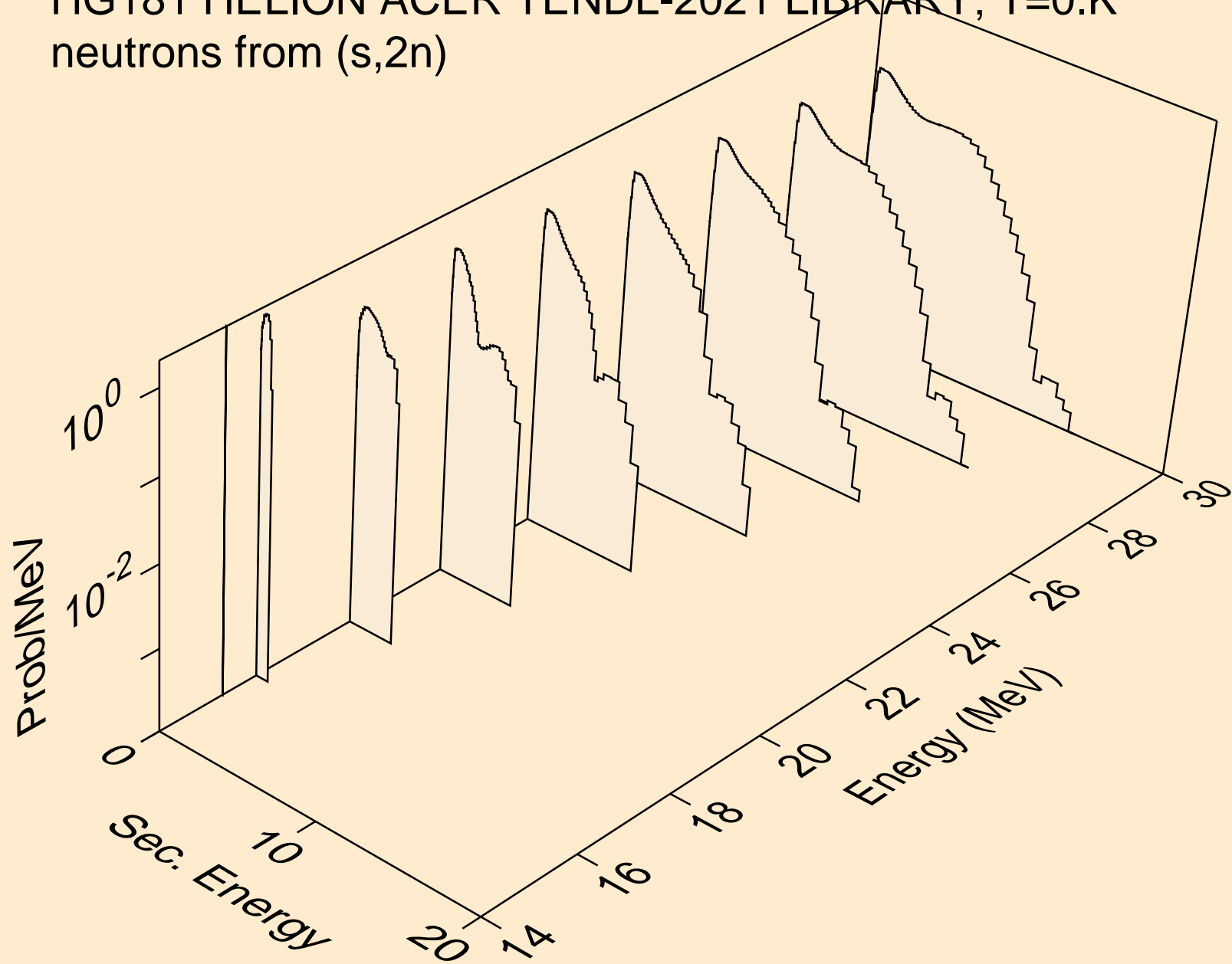
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



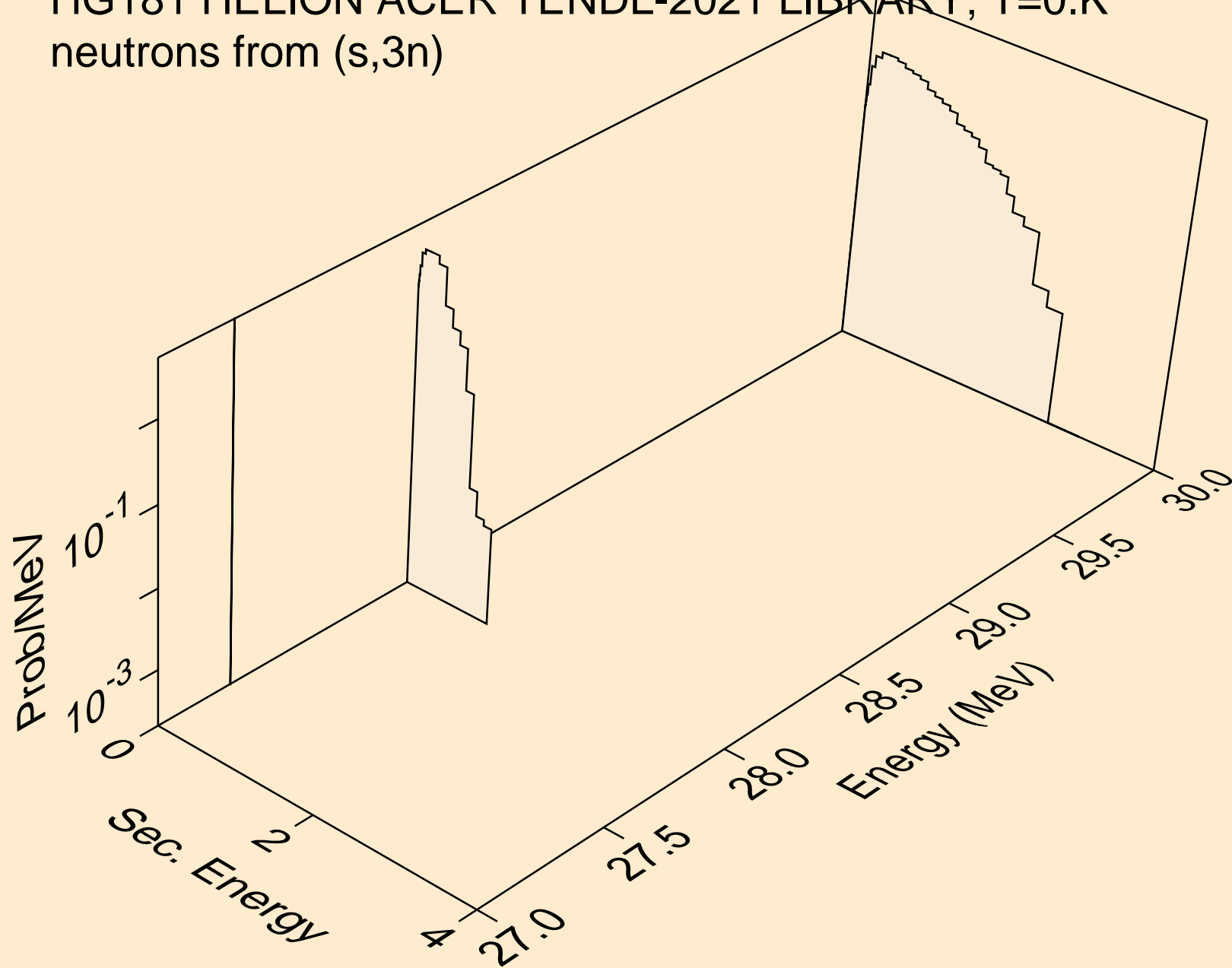
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



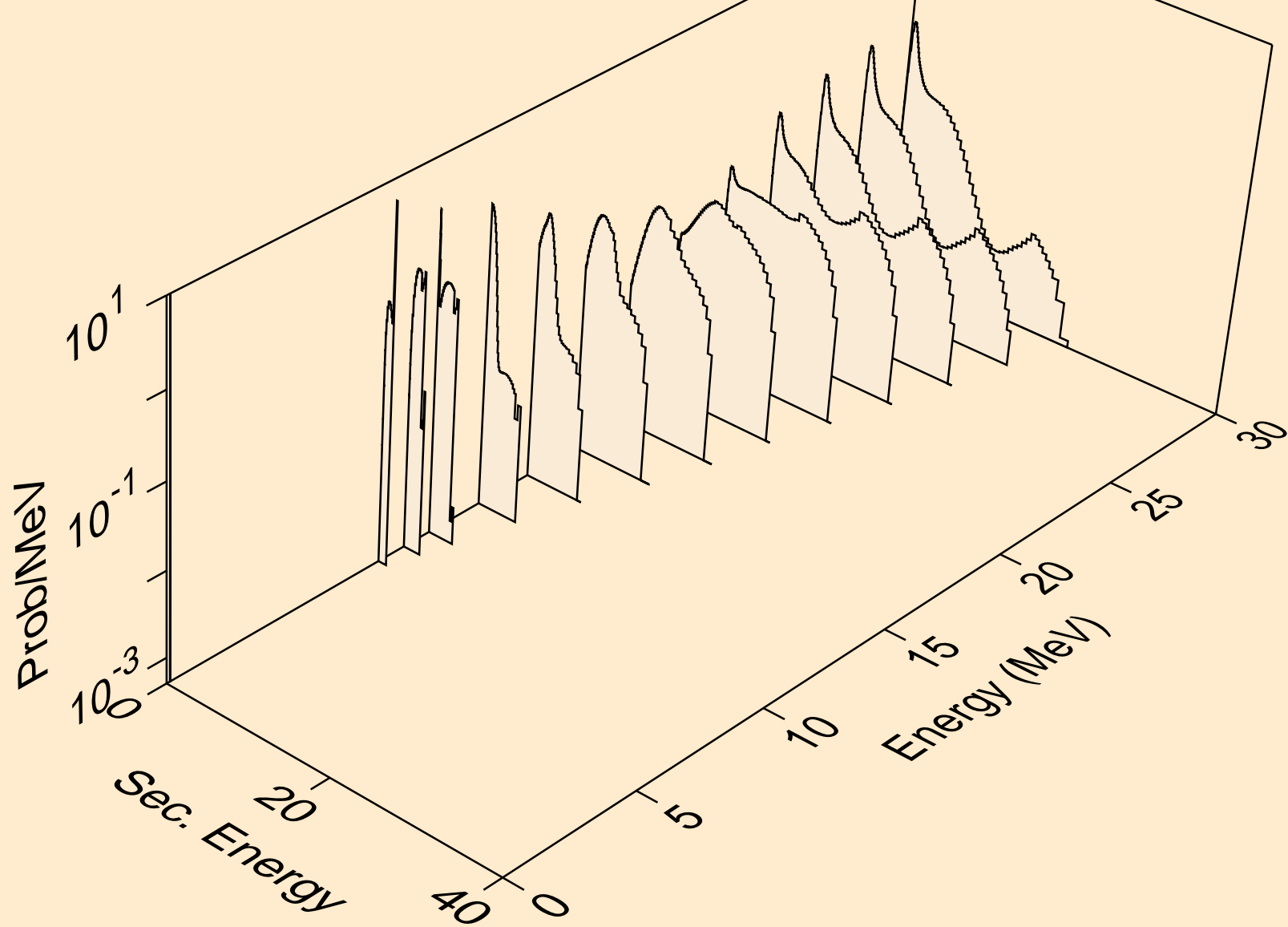
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



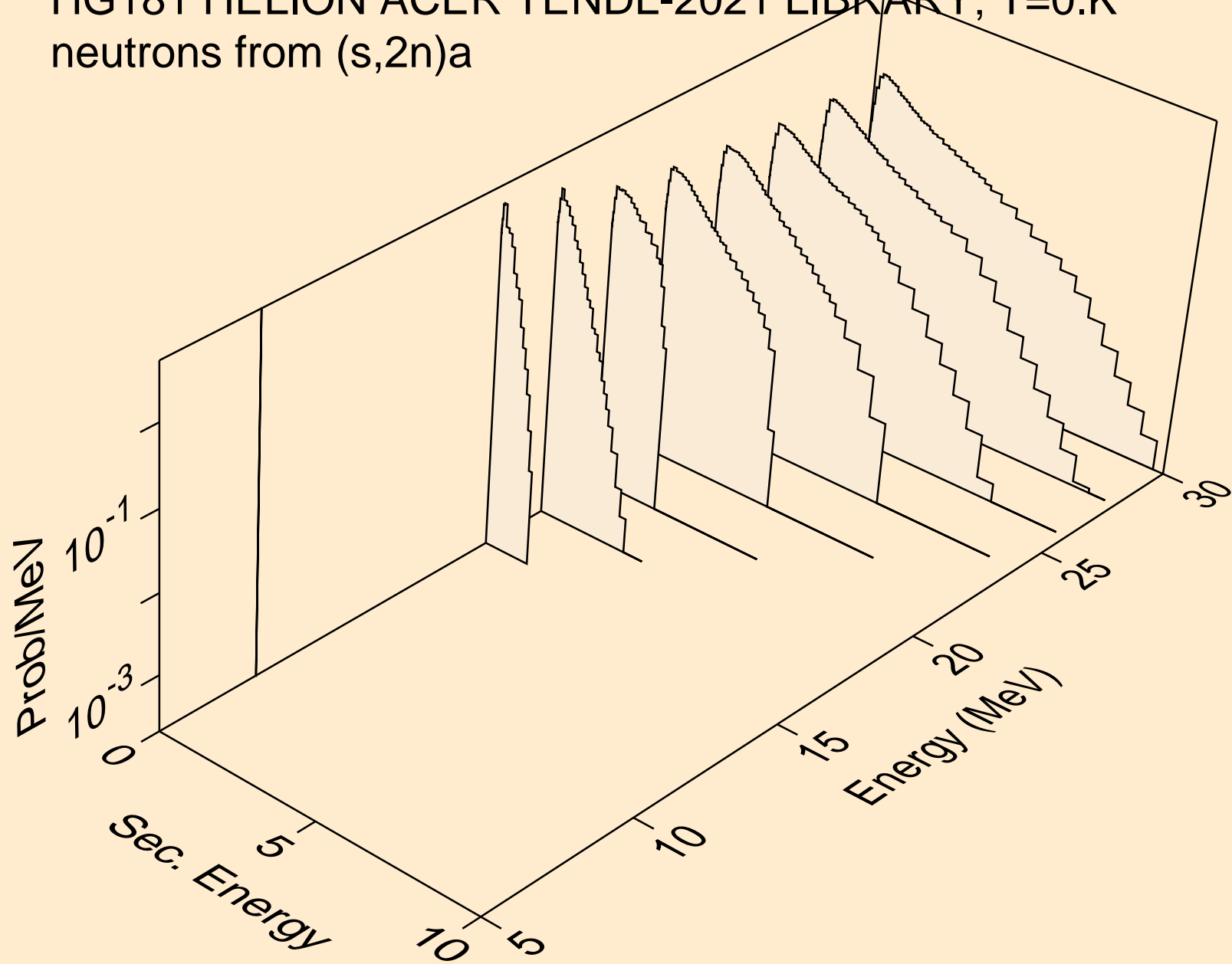
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

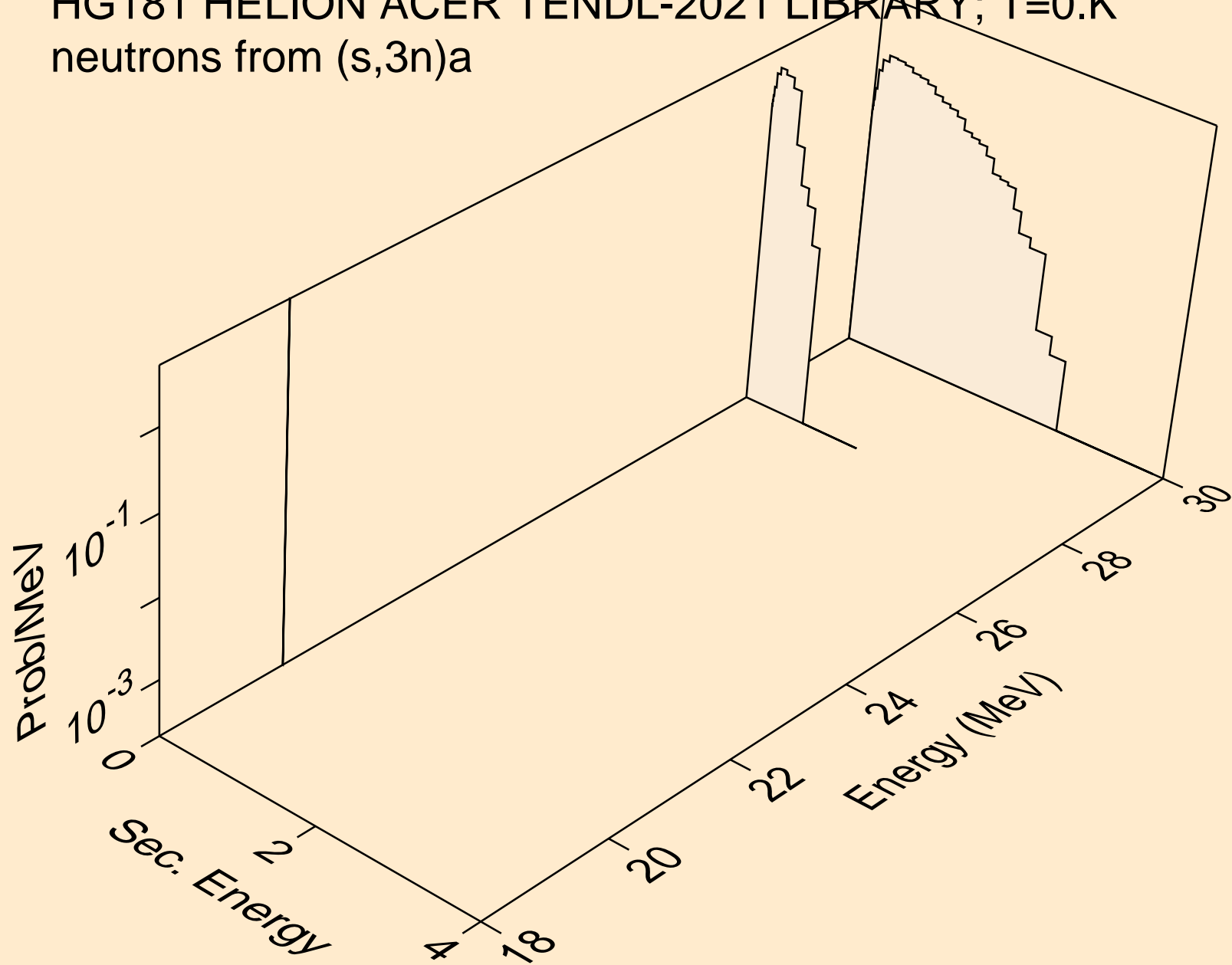


HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a

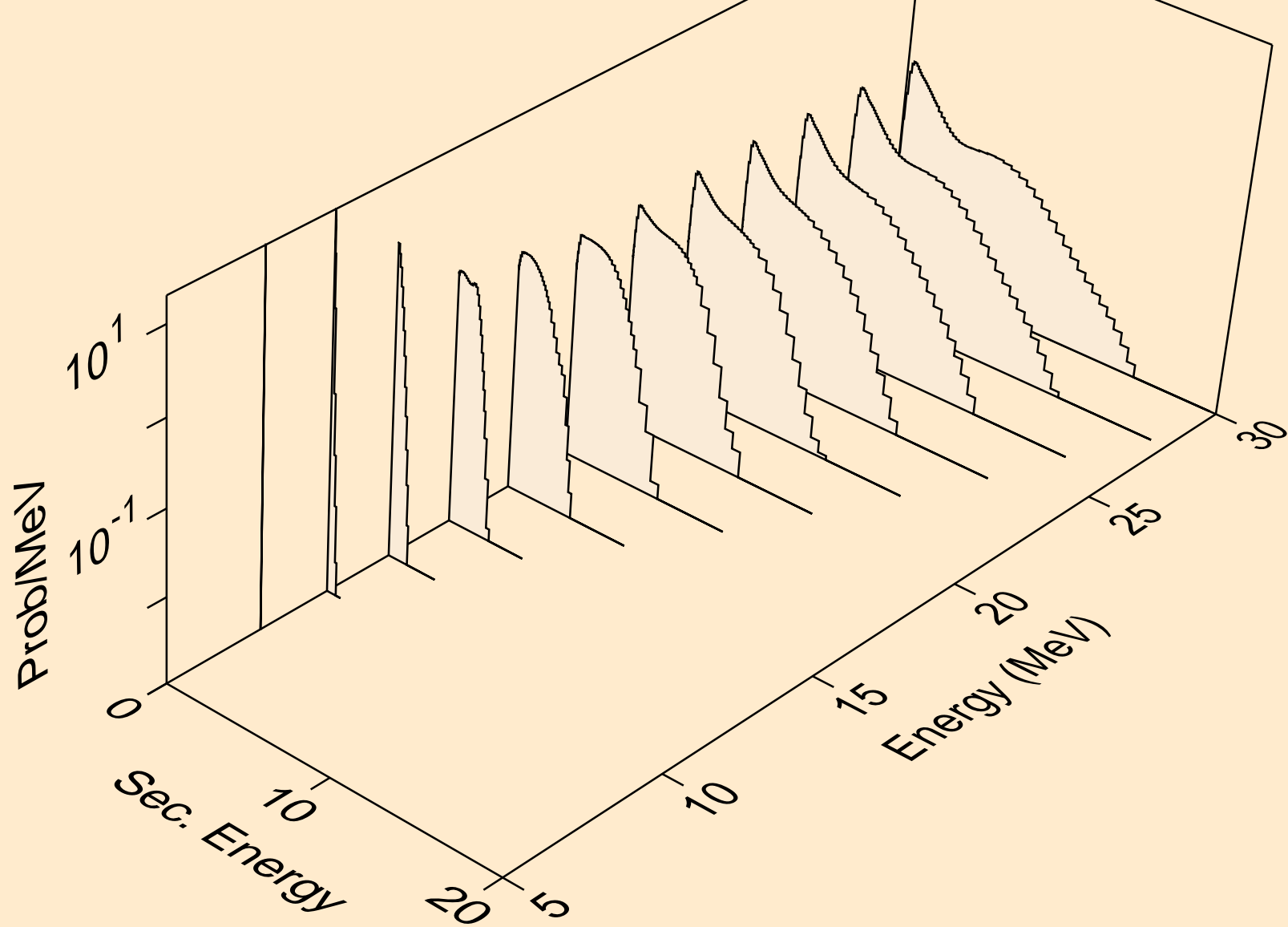




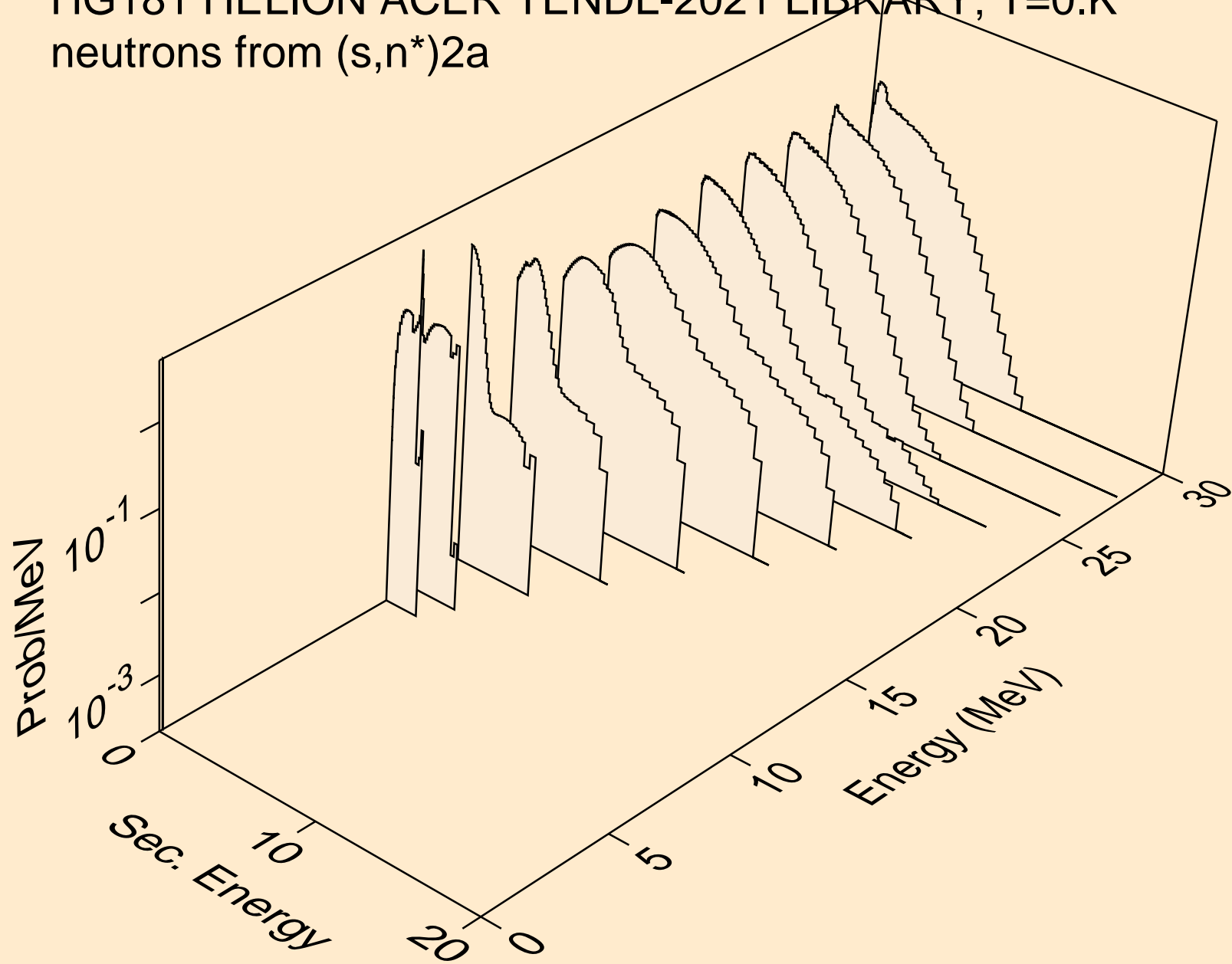
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



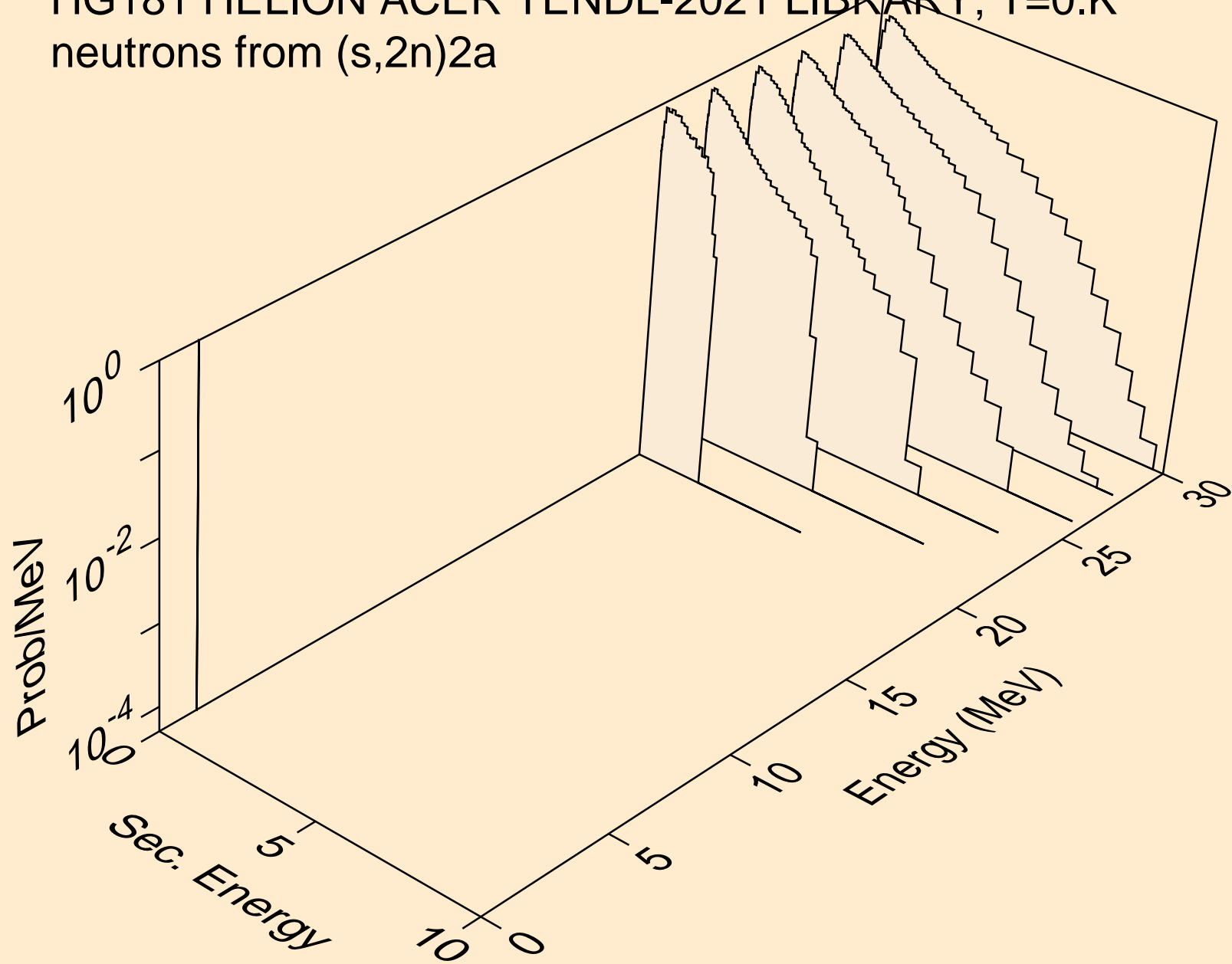
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



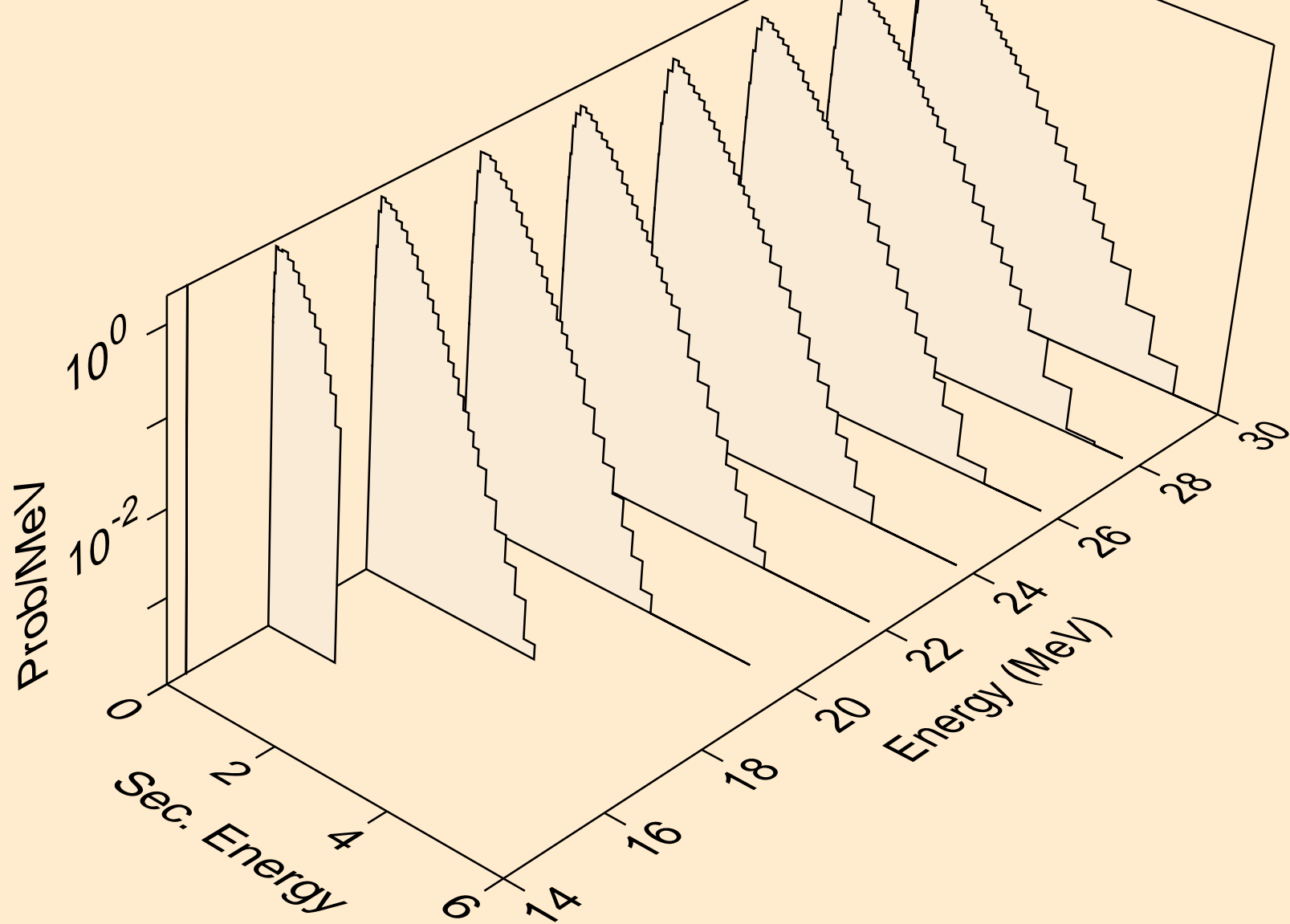
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neutrons from (s,n\*)2a



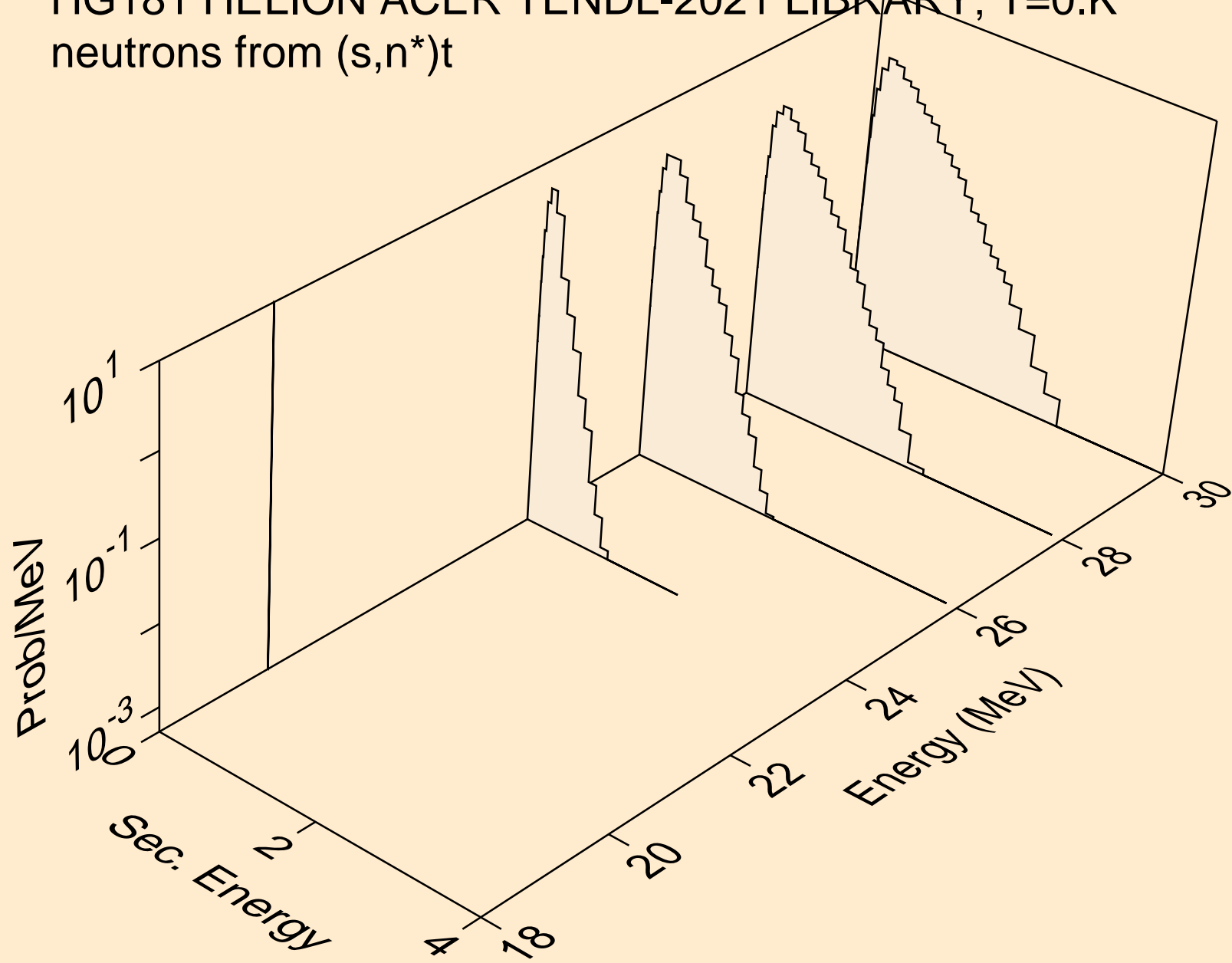
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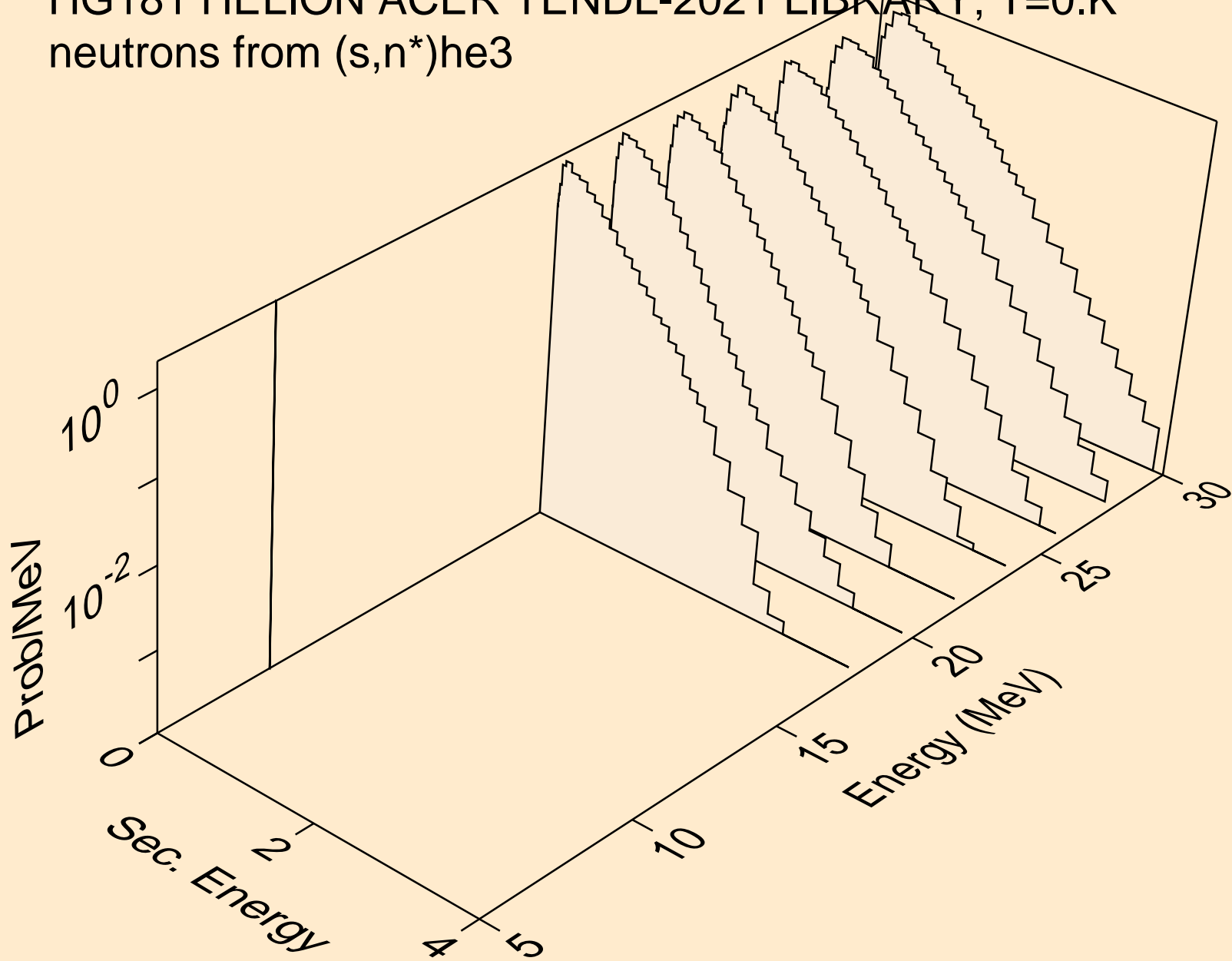
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neutrons from (s,n\*)d



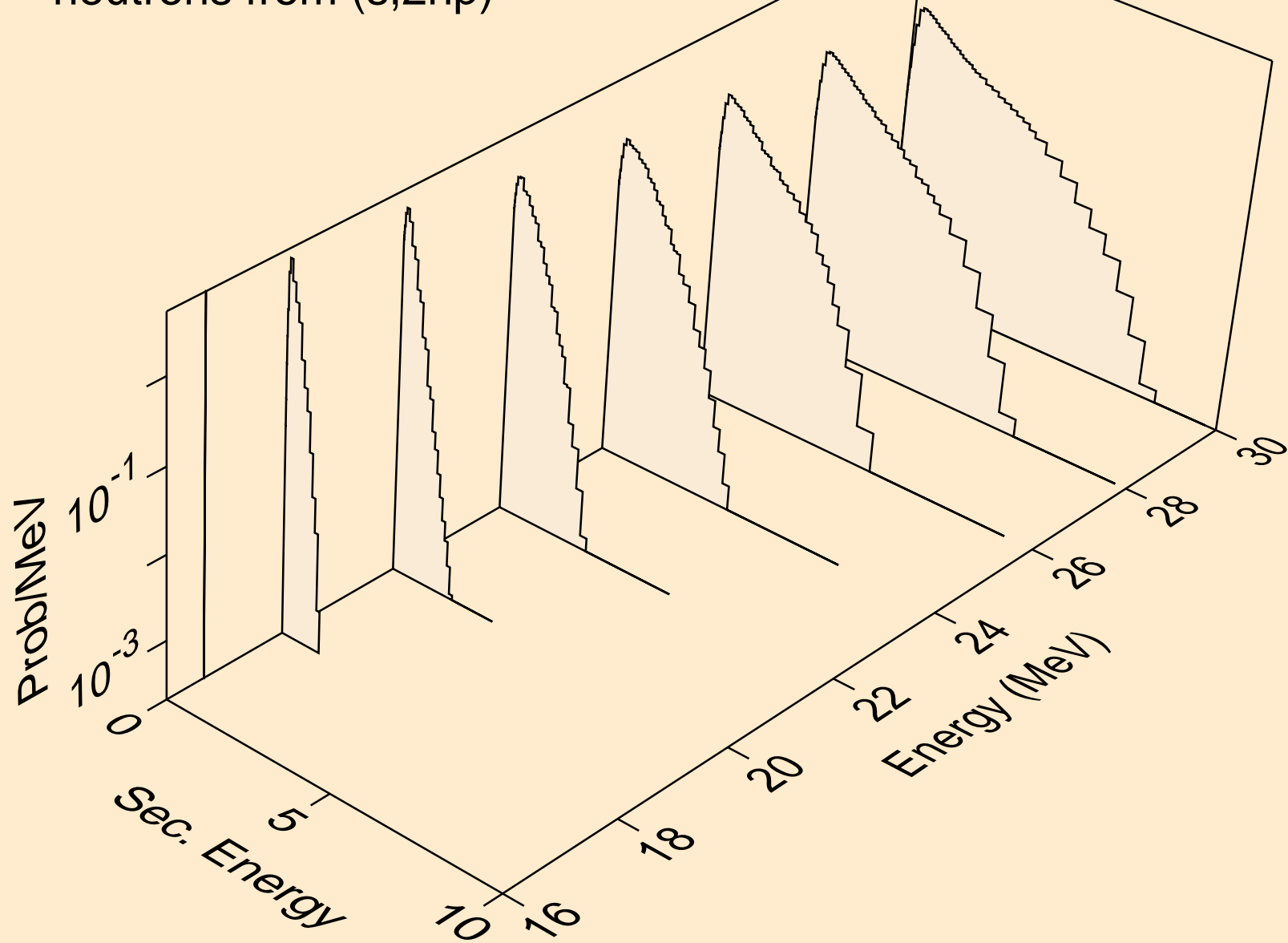
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3

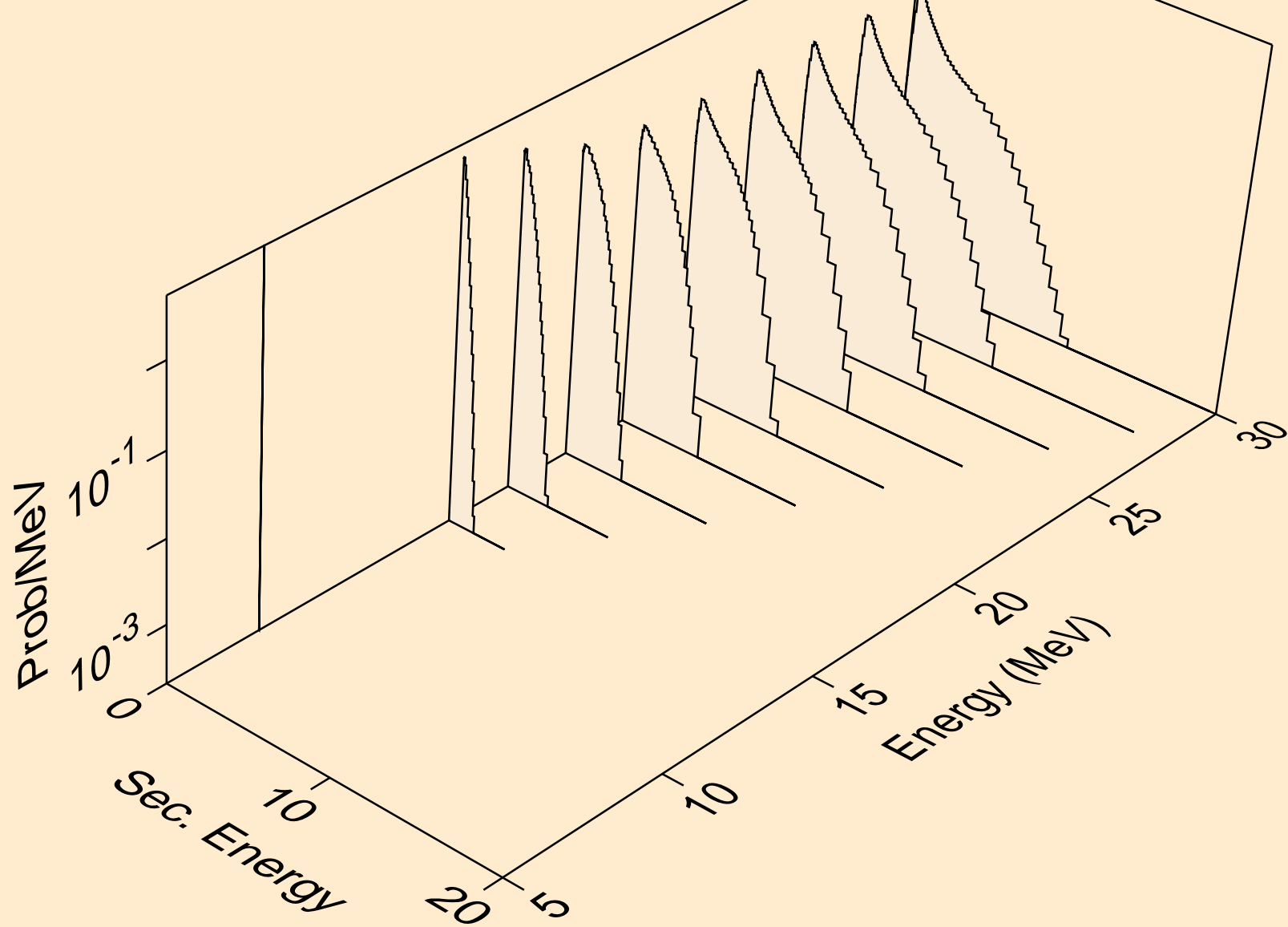


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neutrons from (s,2np)

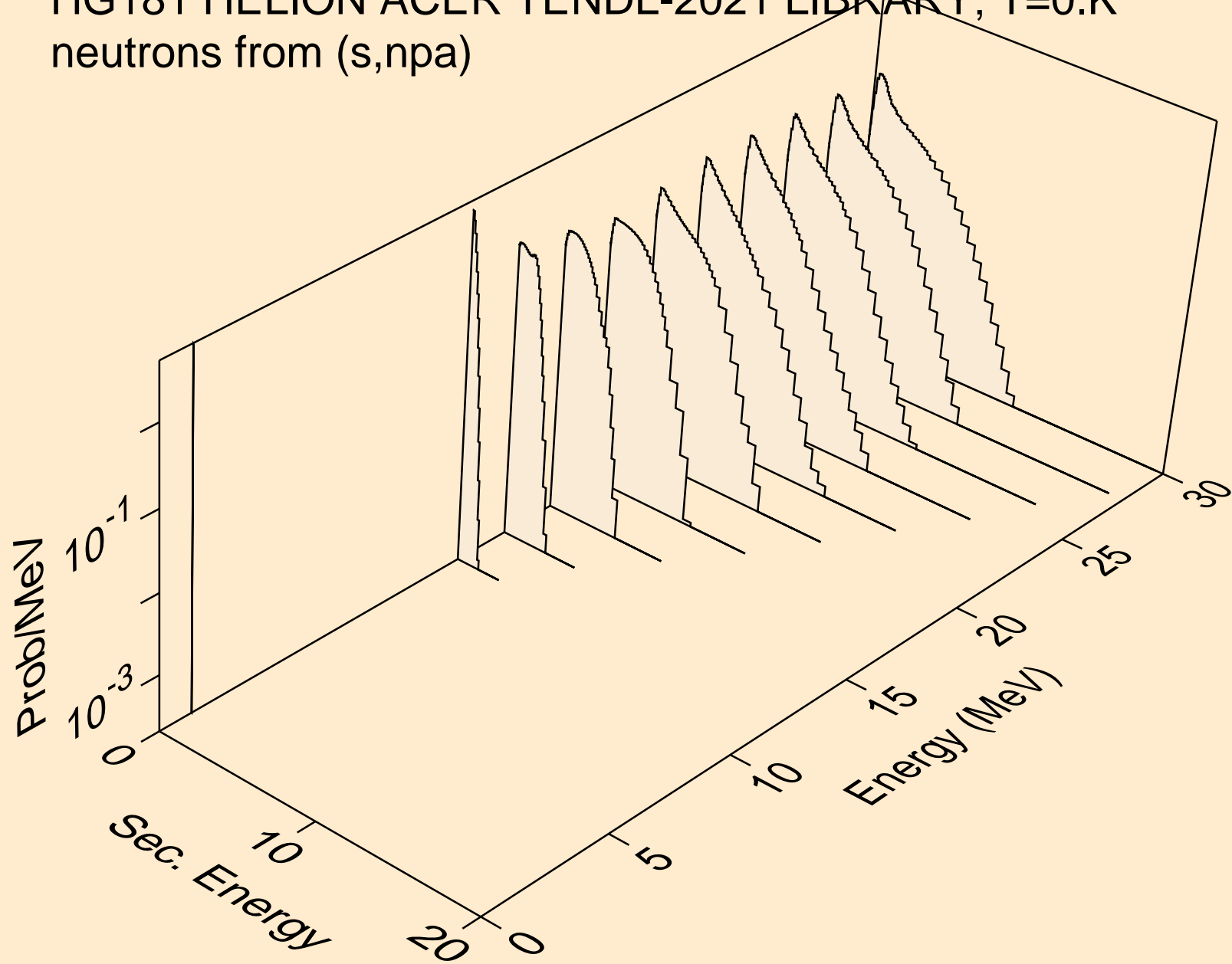




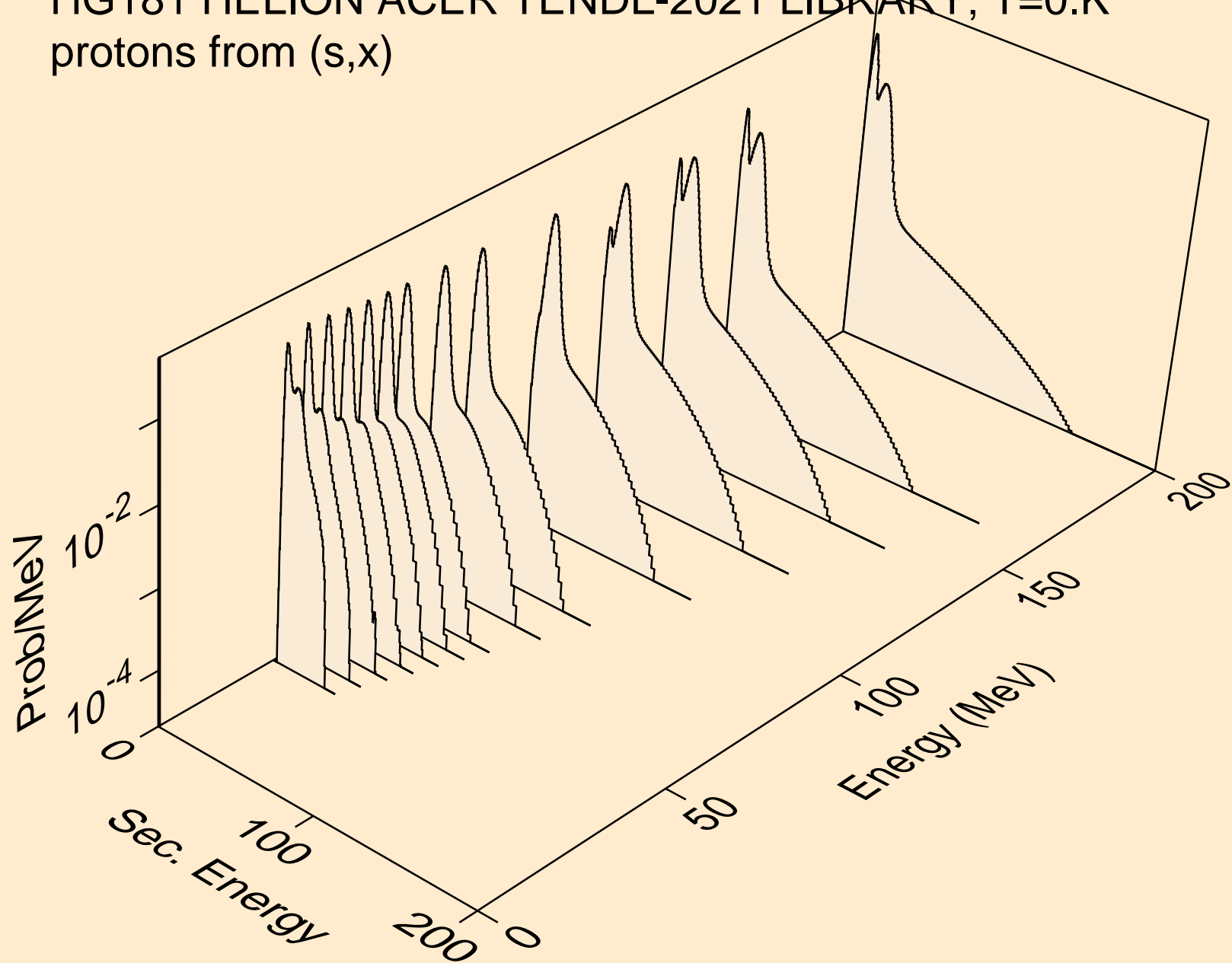
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



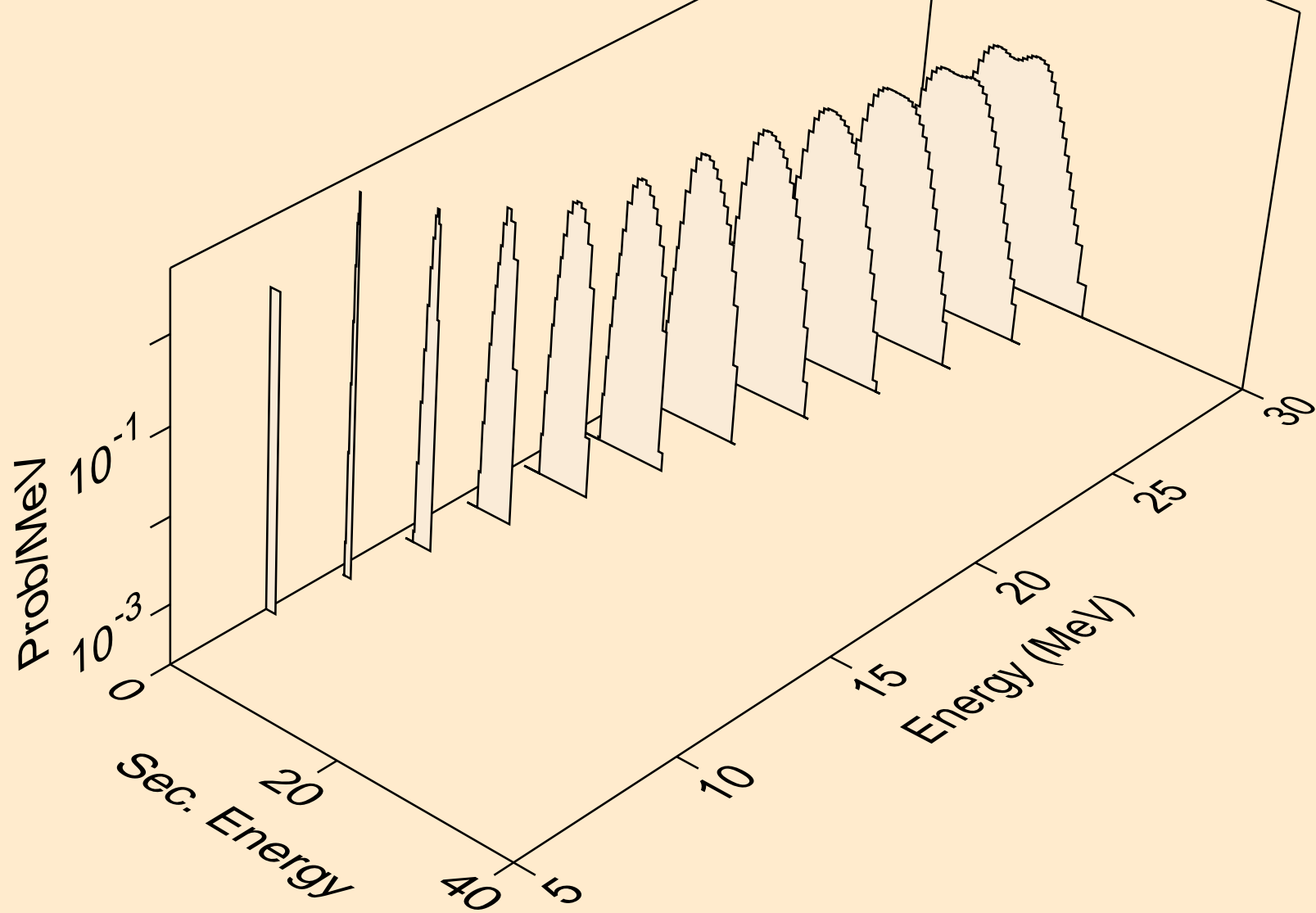
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



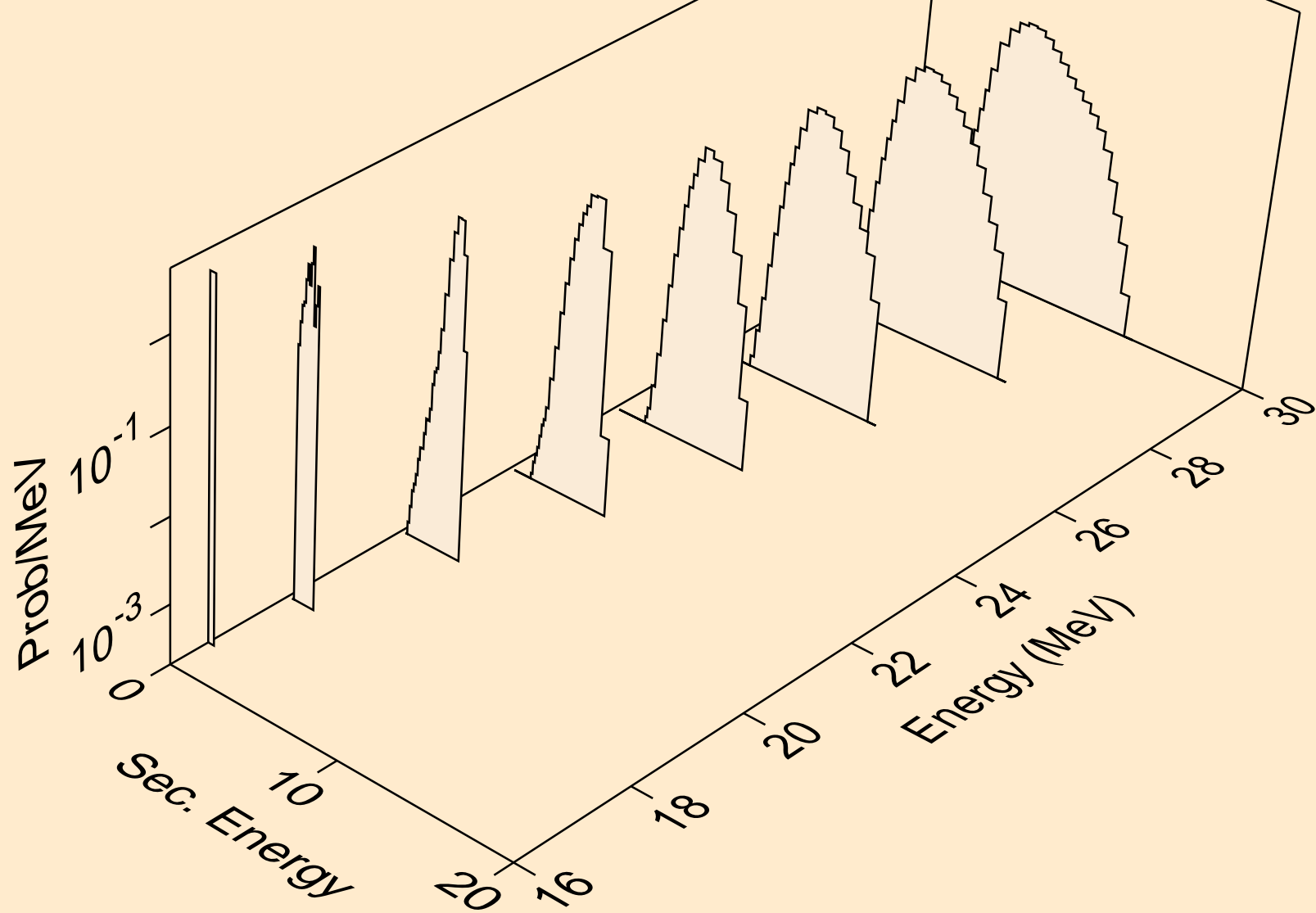
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



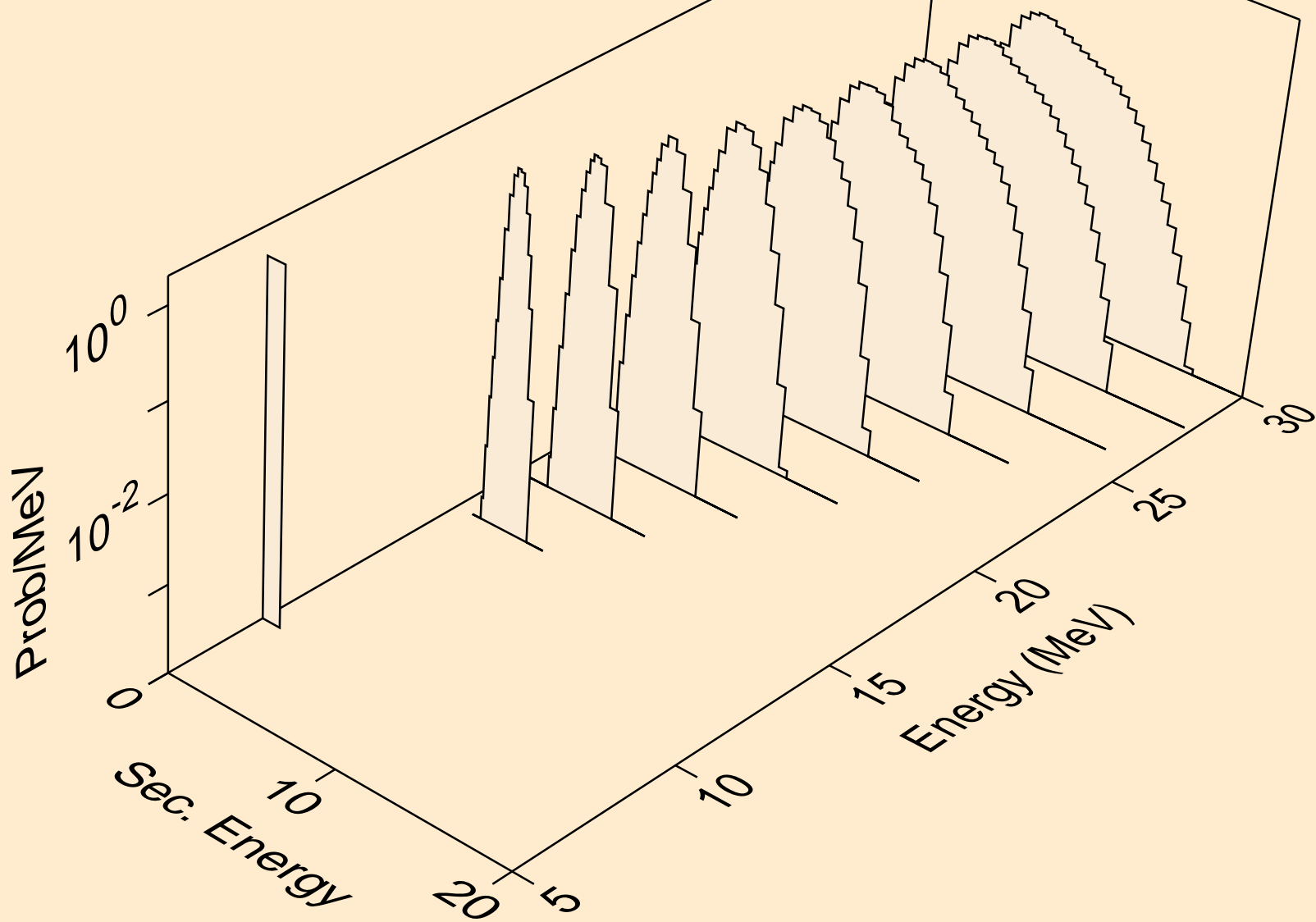
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



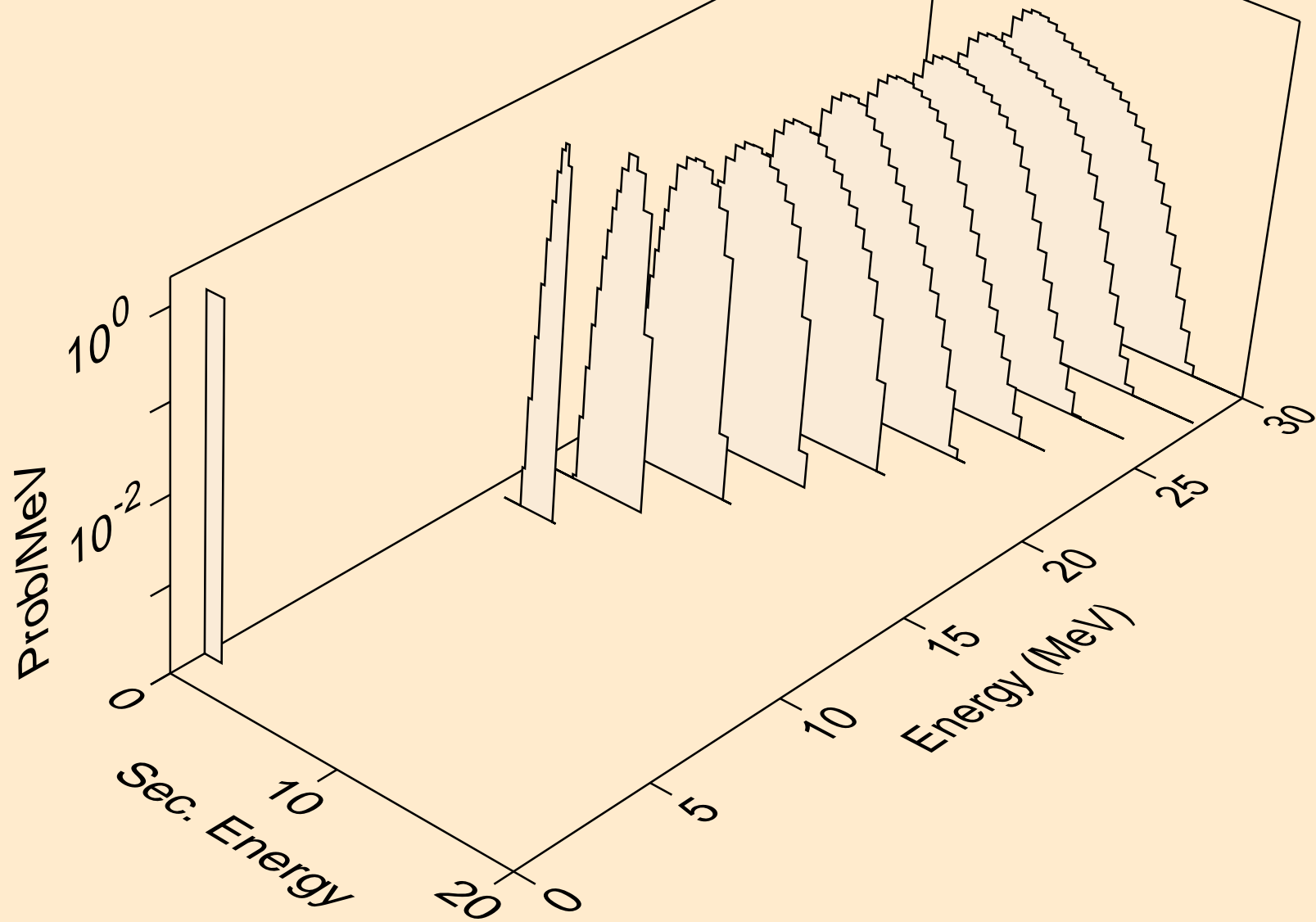
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



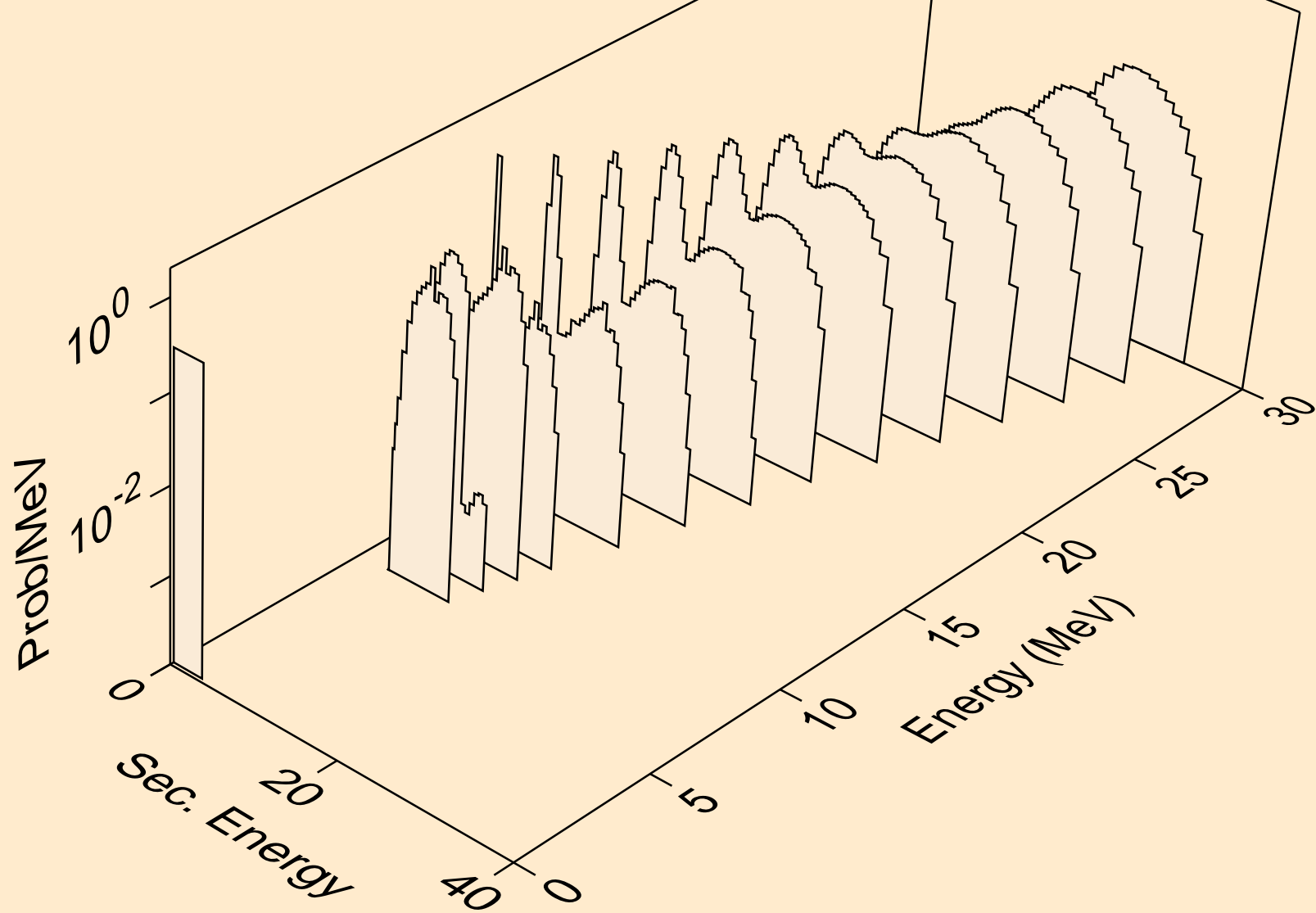
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)

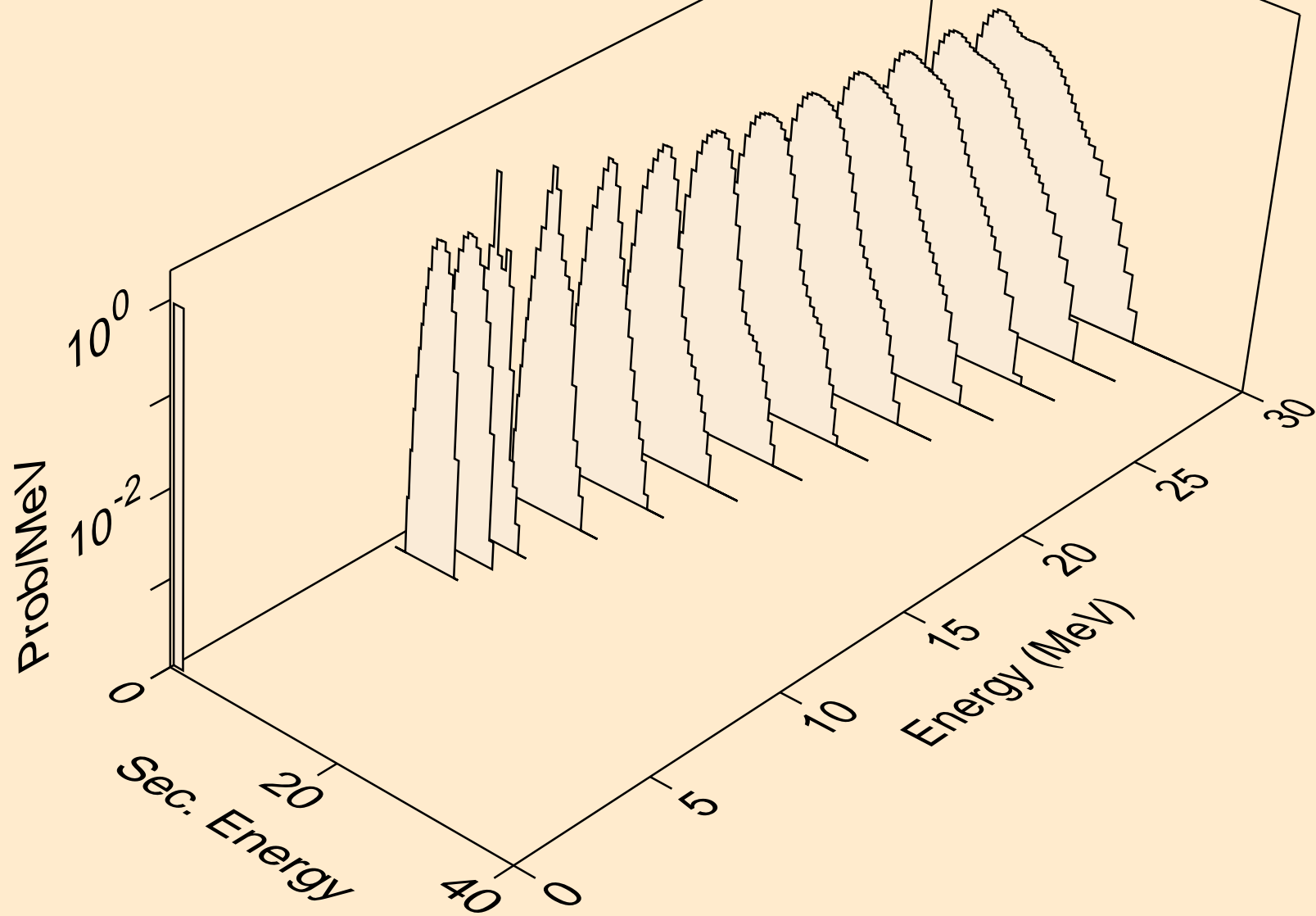


HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)

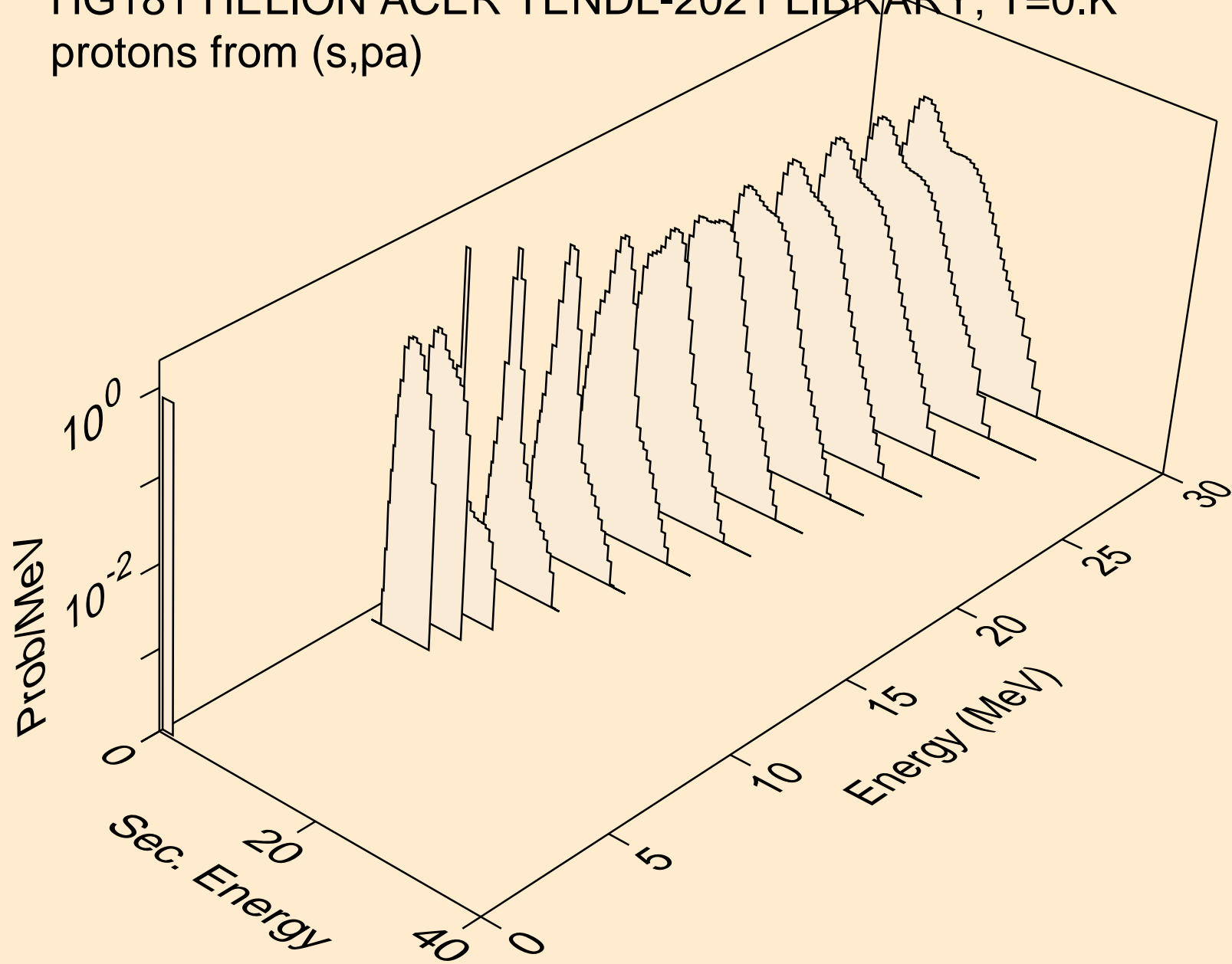




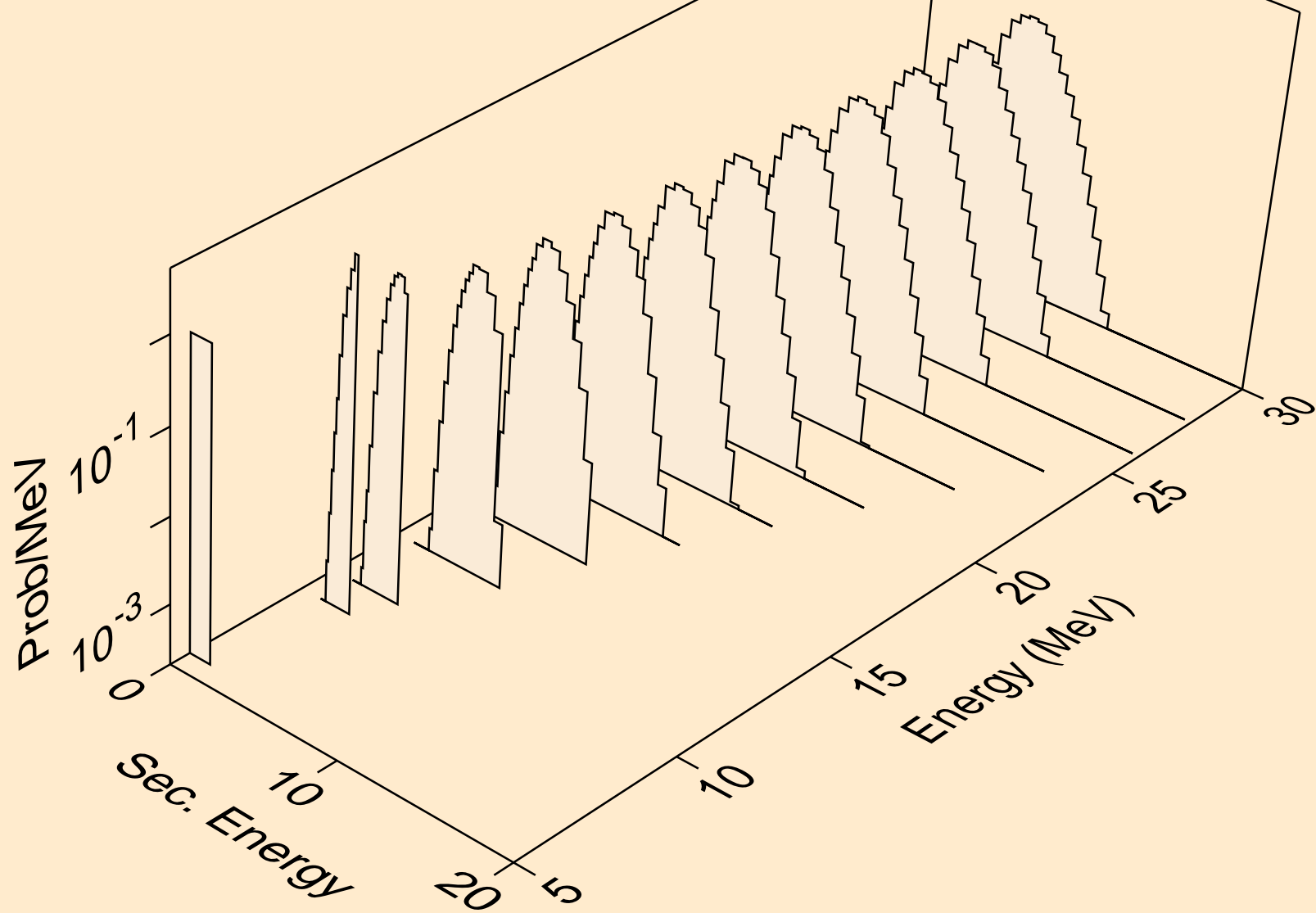
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



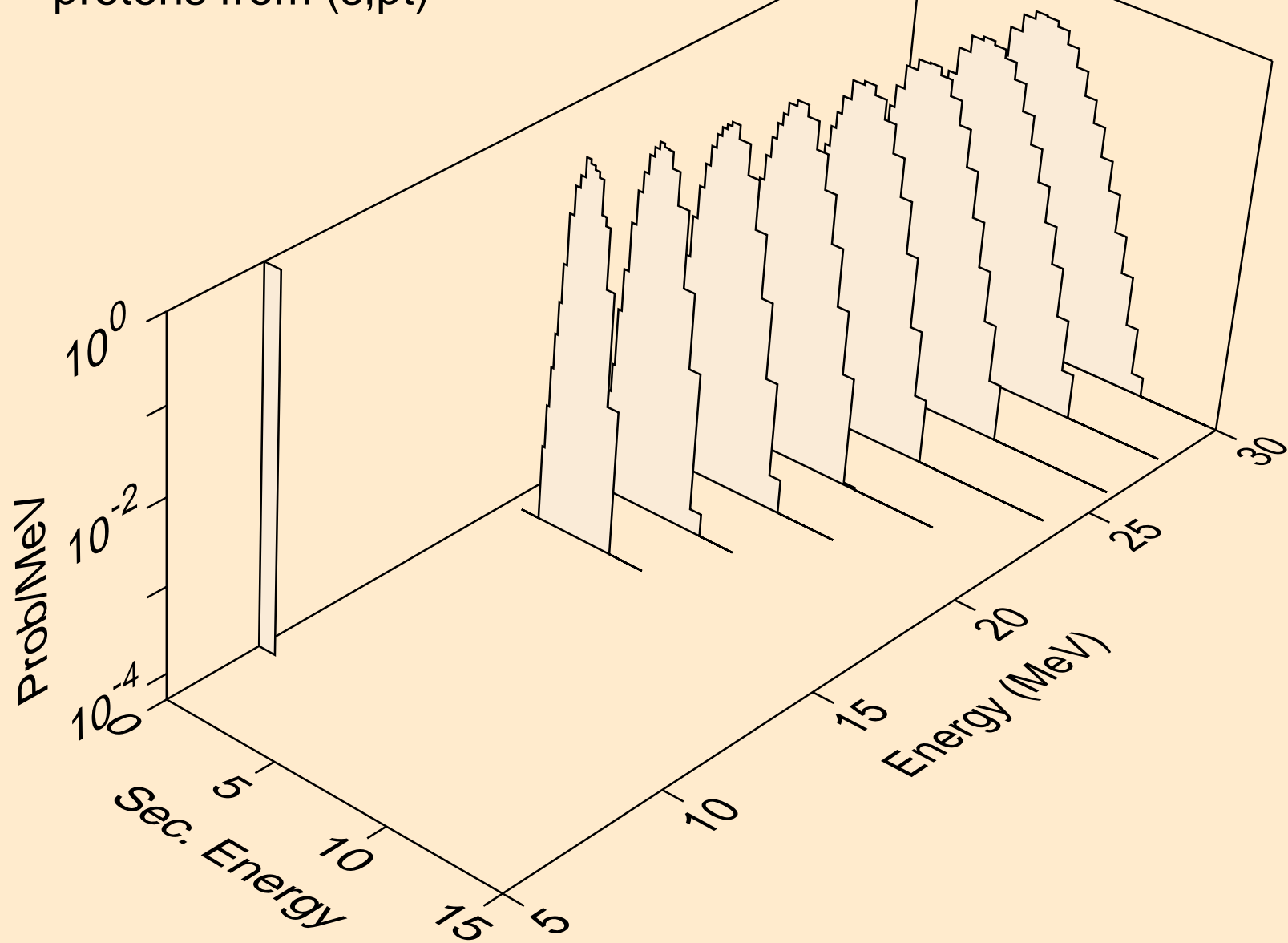
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)



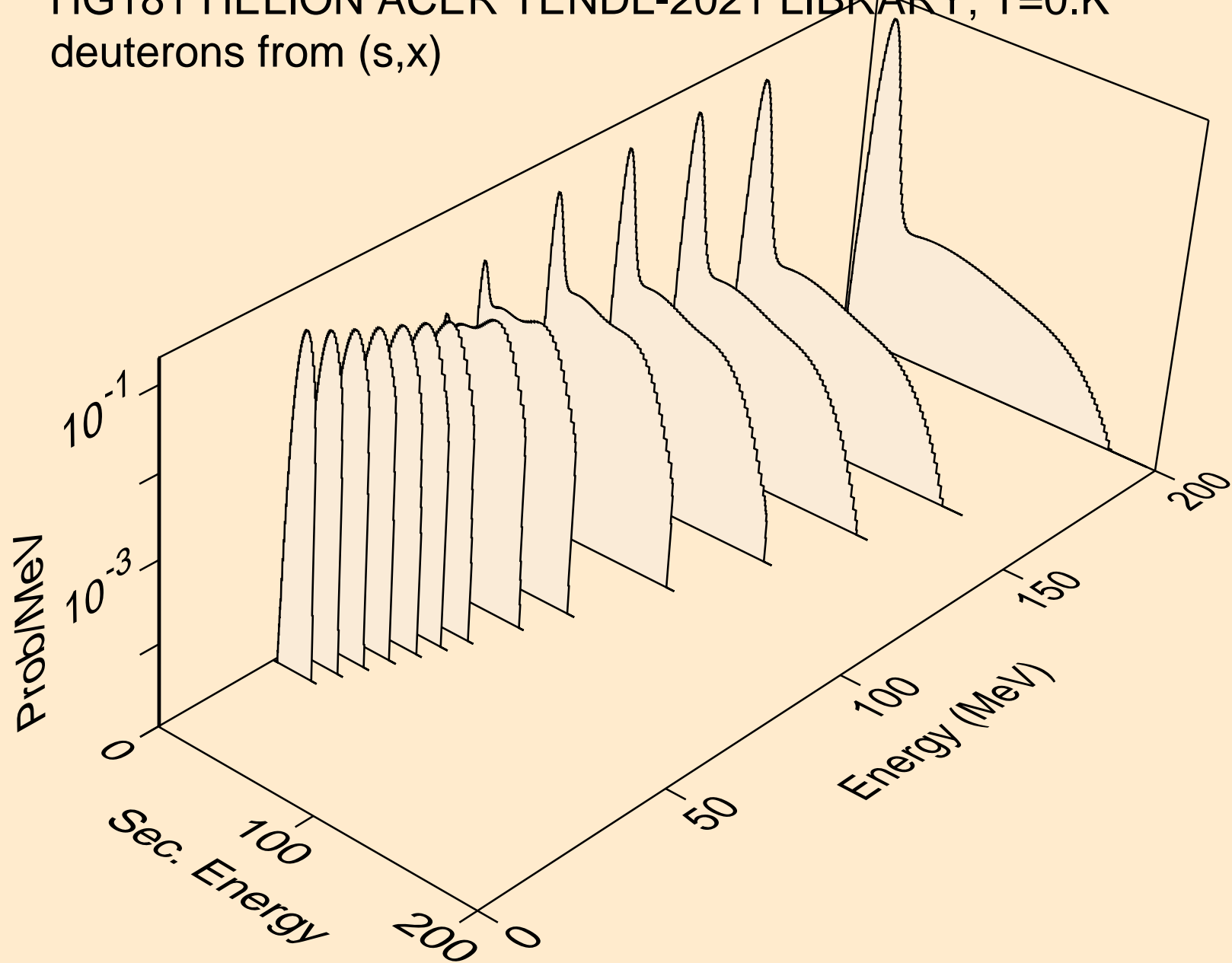
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



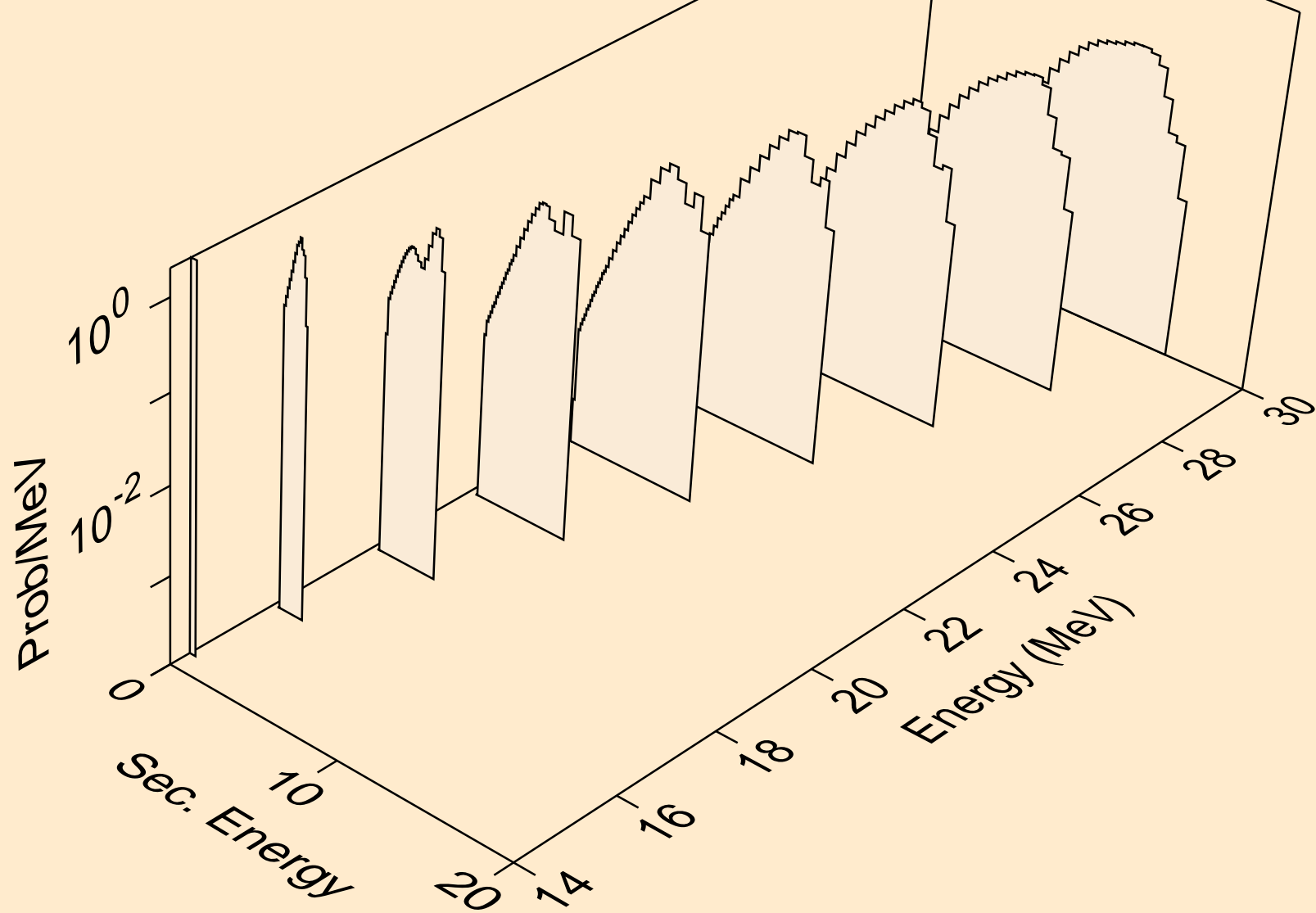
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



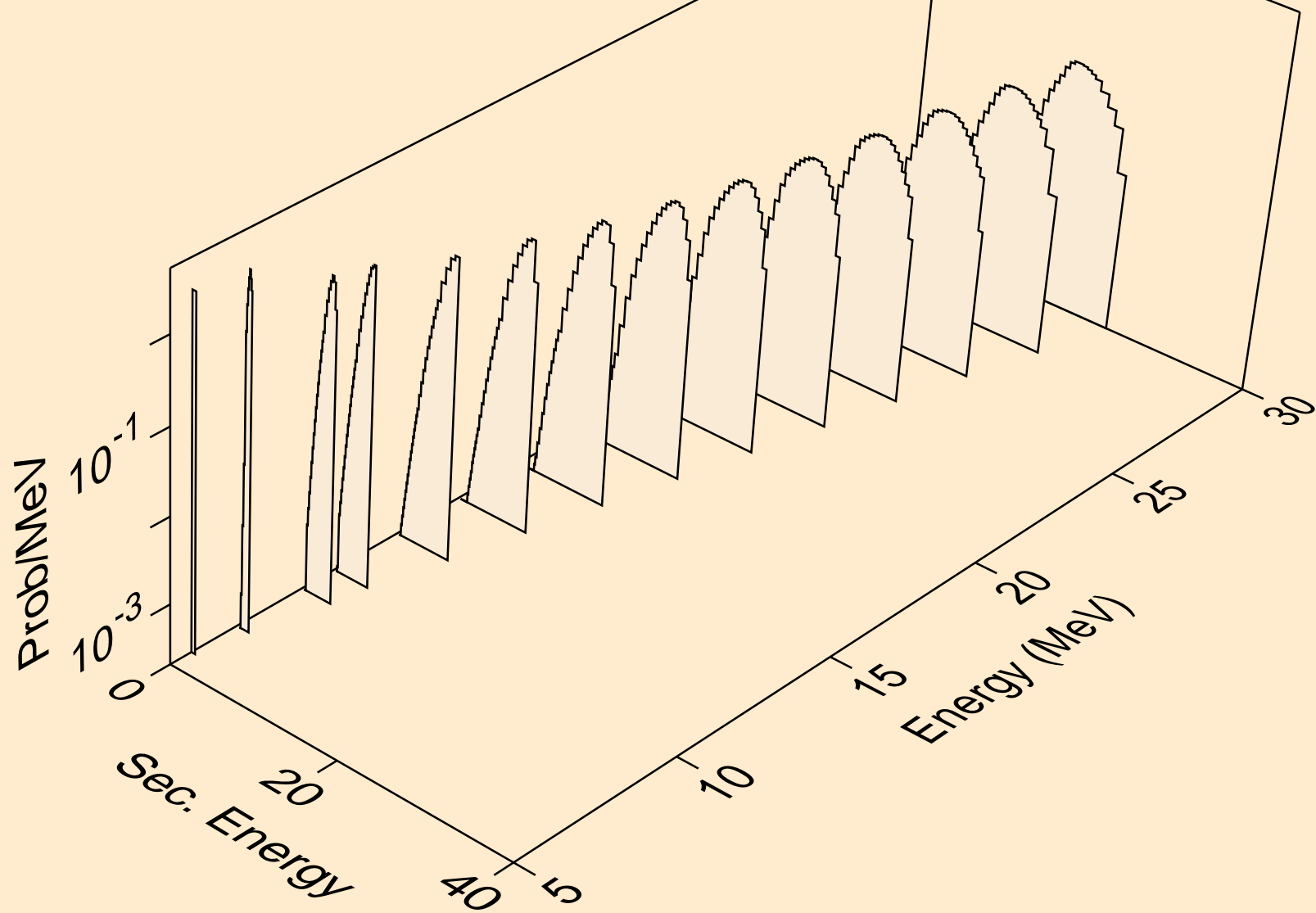
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



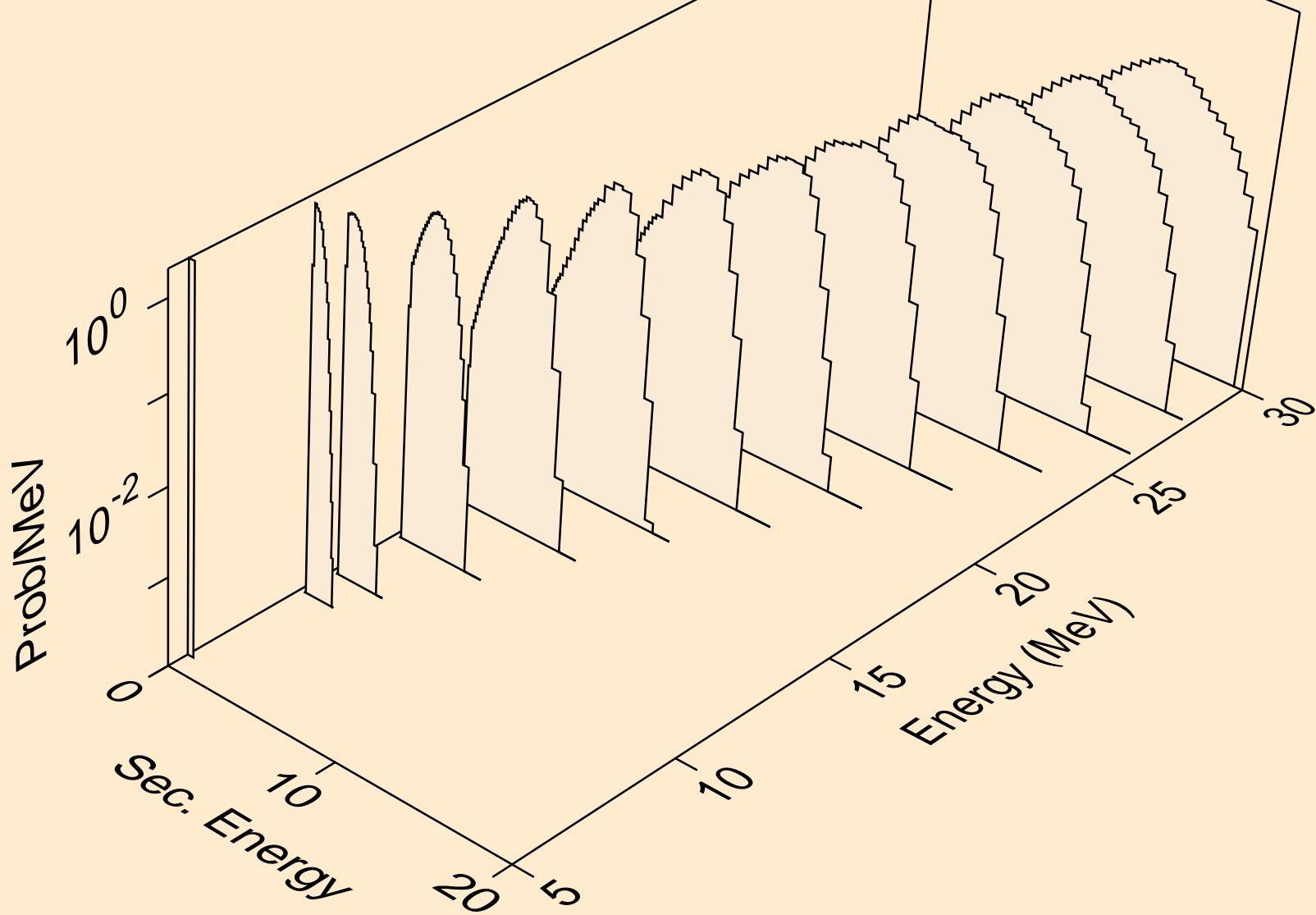
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)

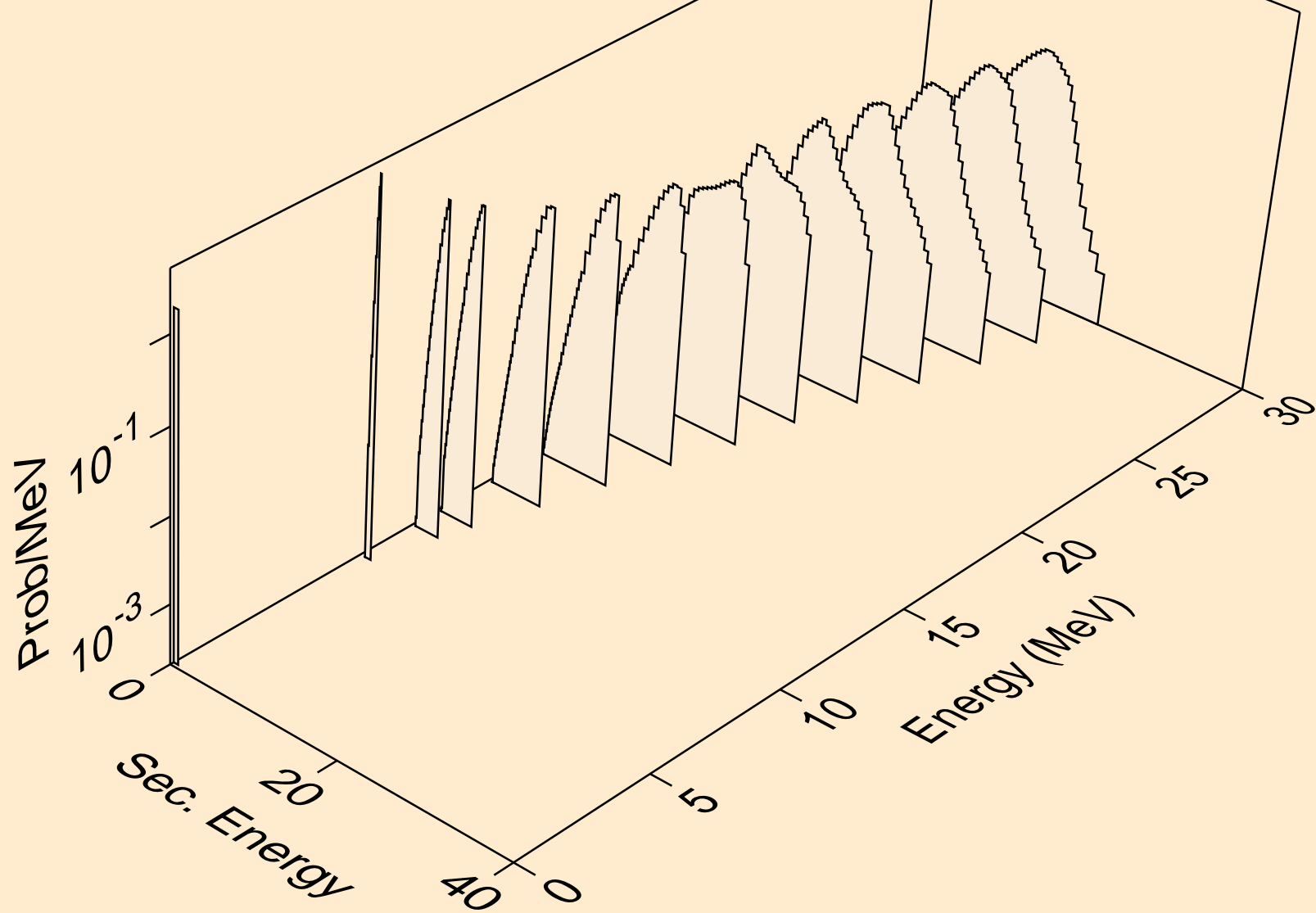


HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)

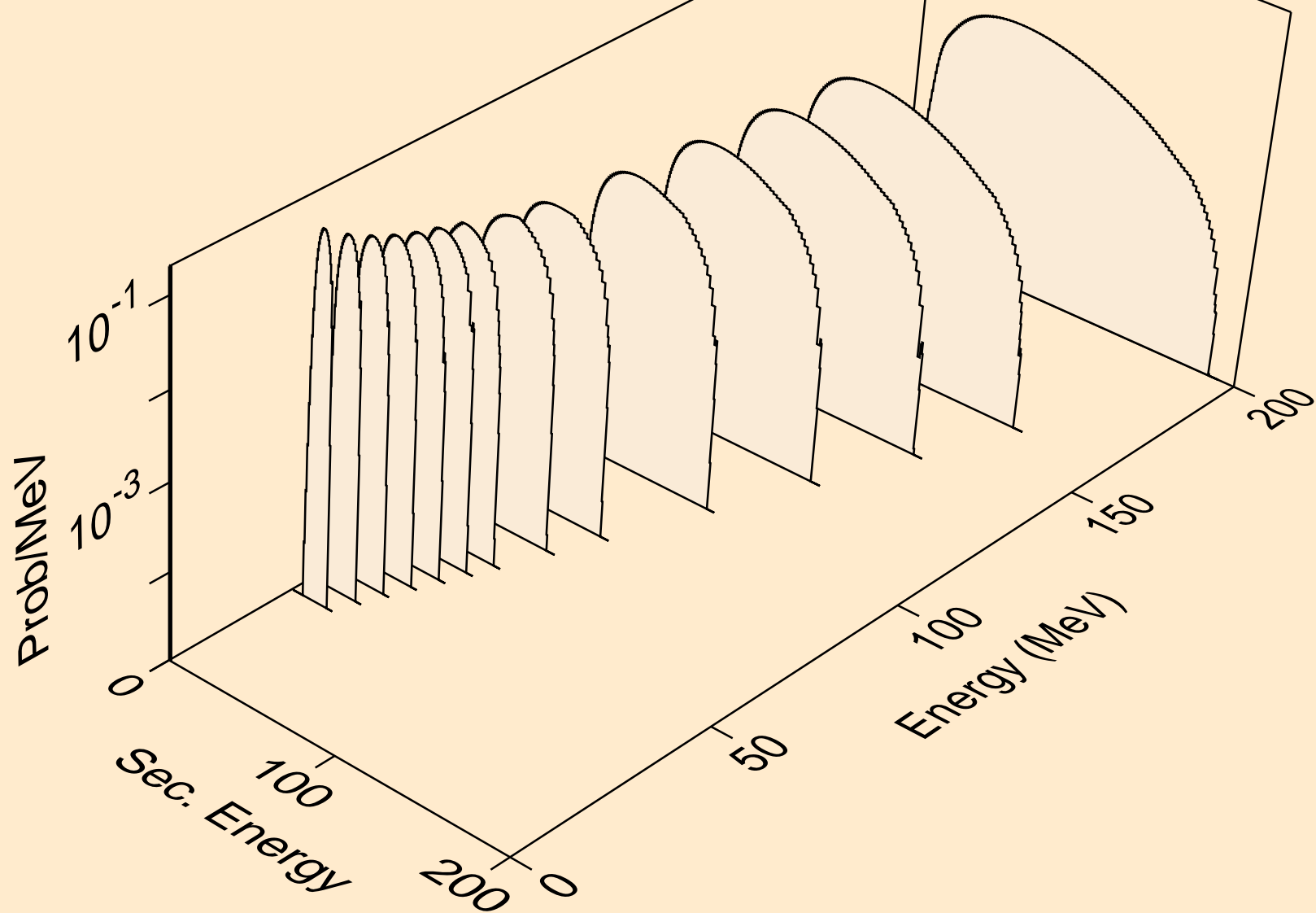




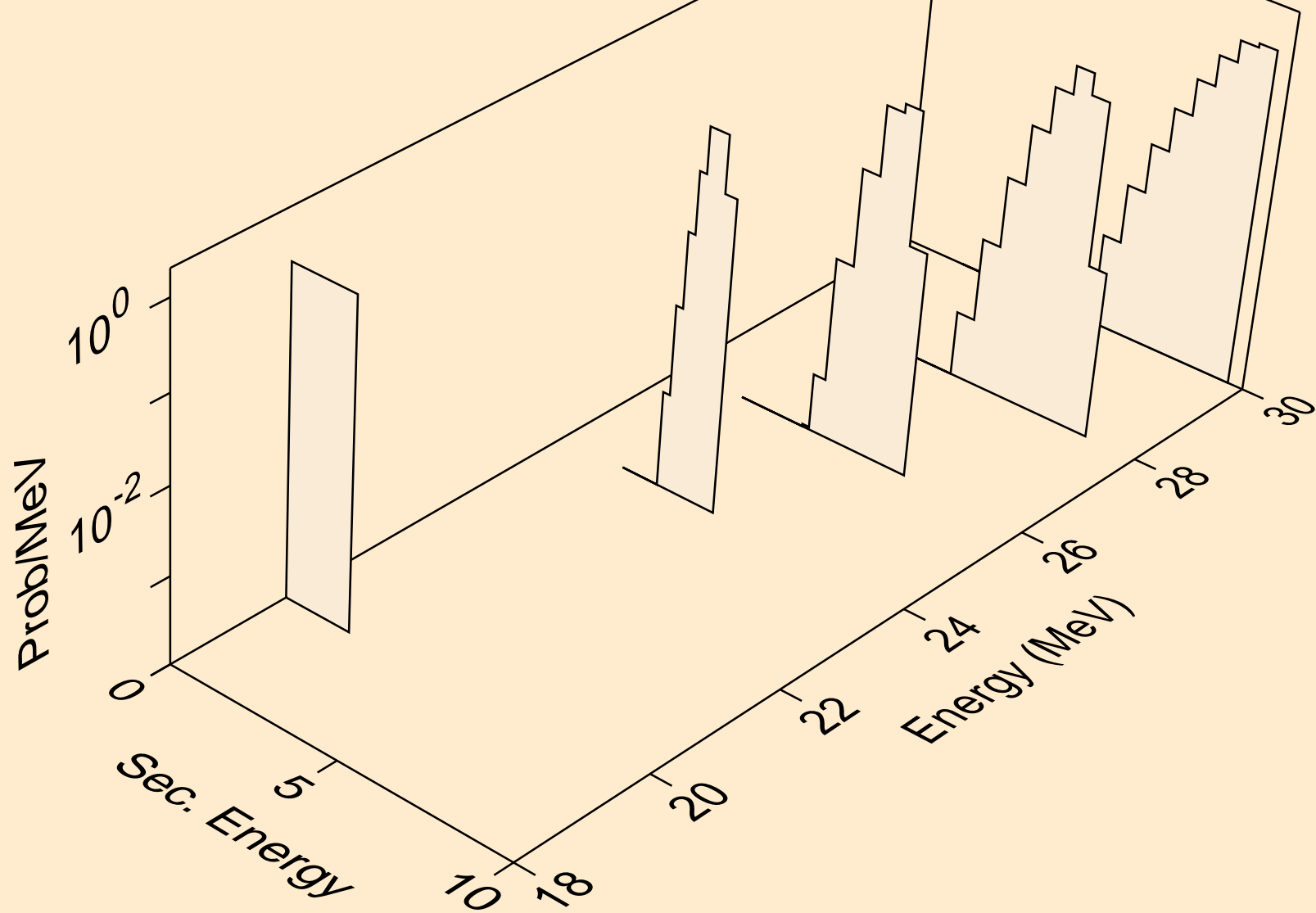
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



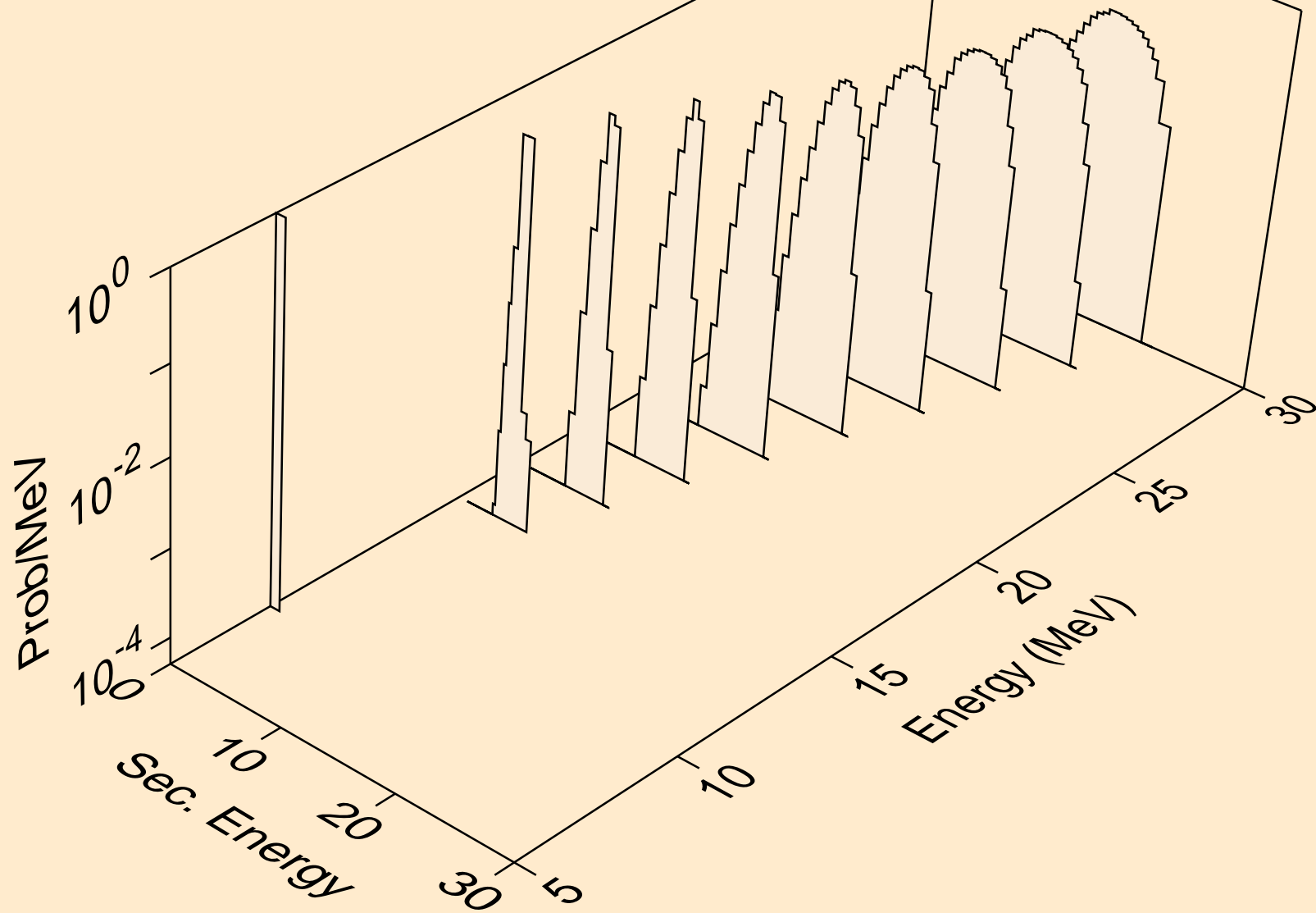
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



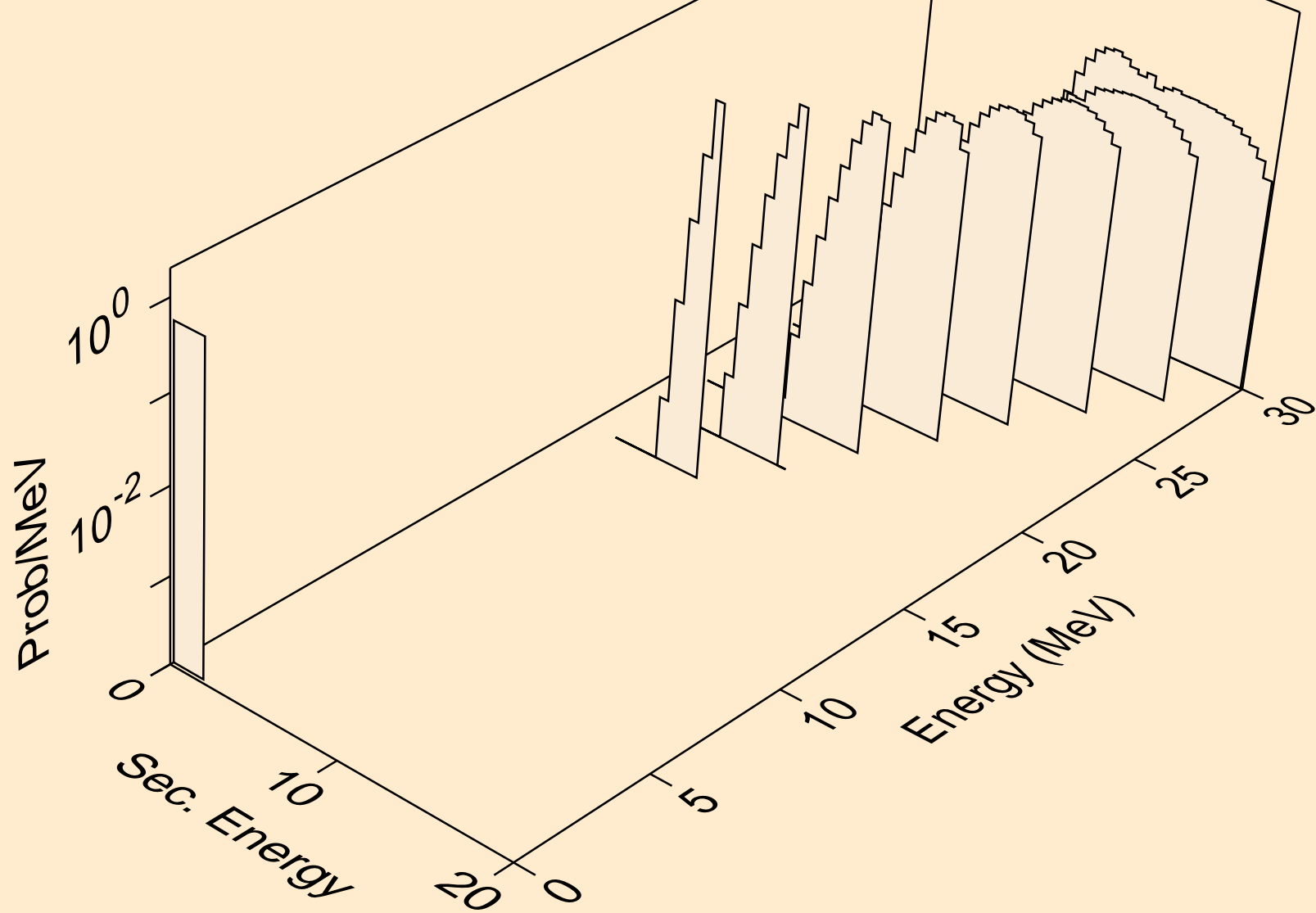
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



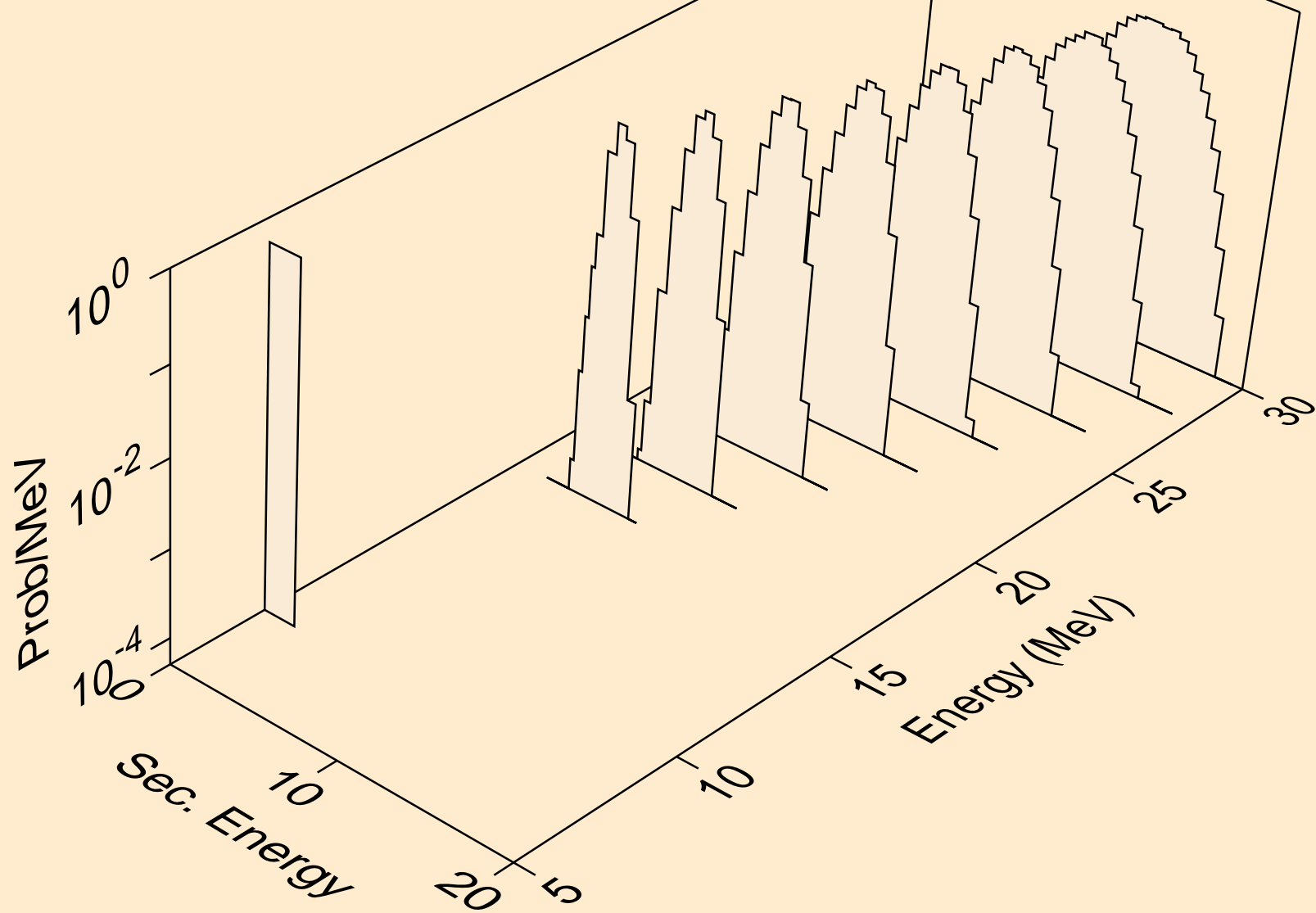
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)



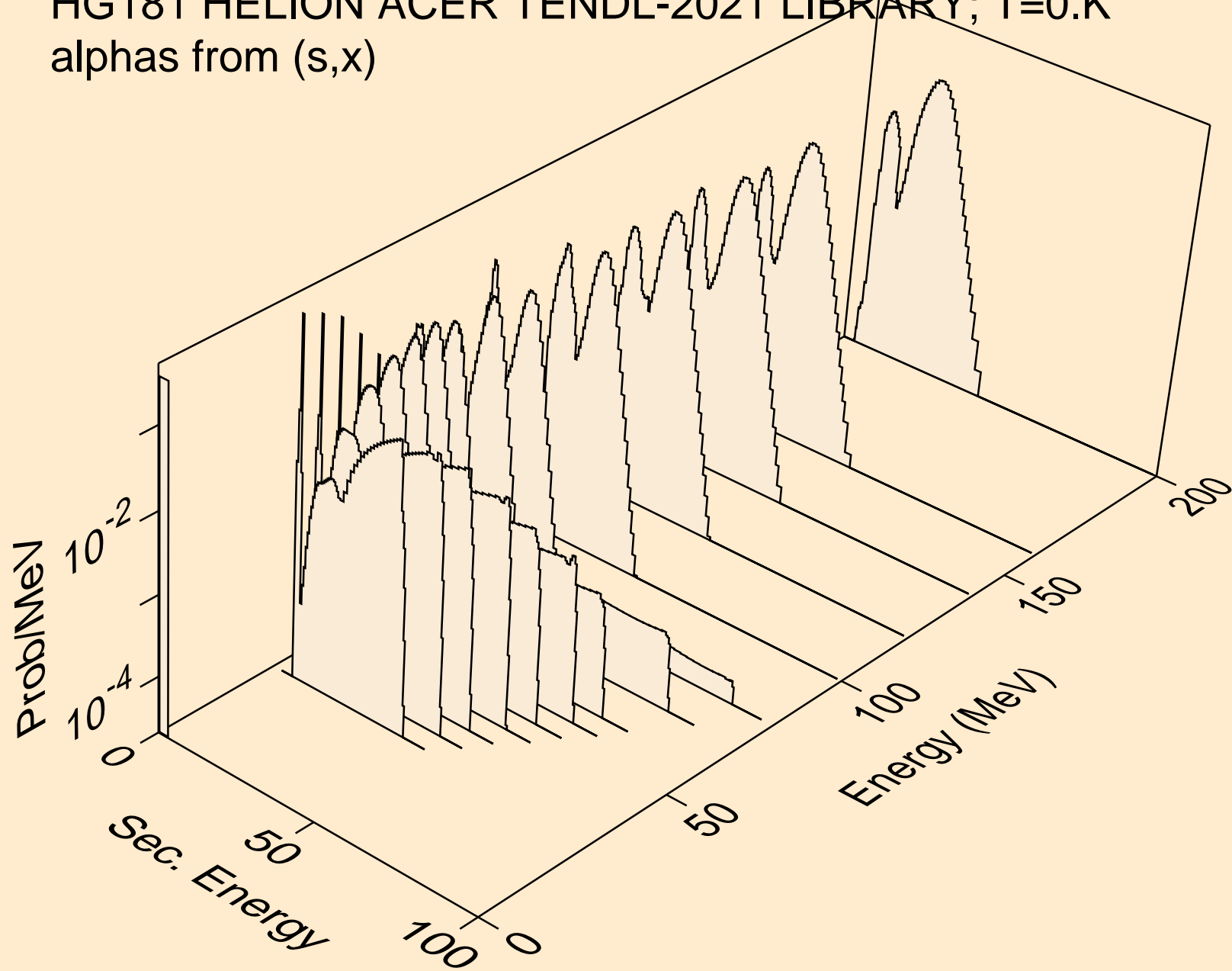
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t2a)



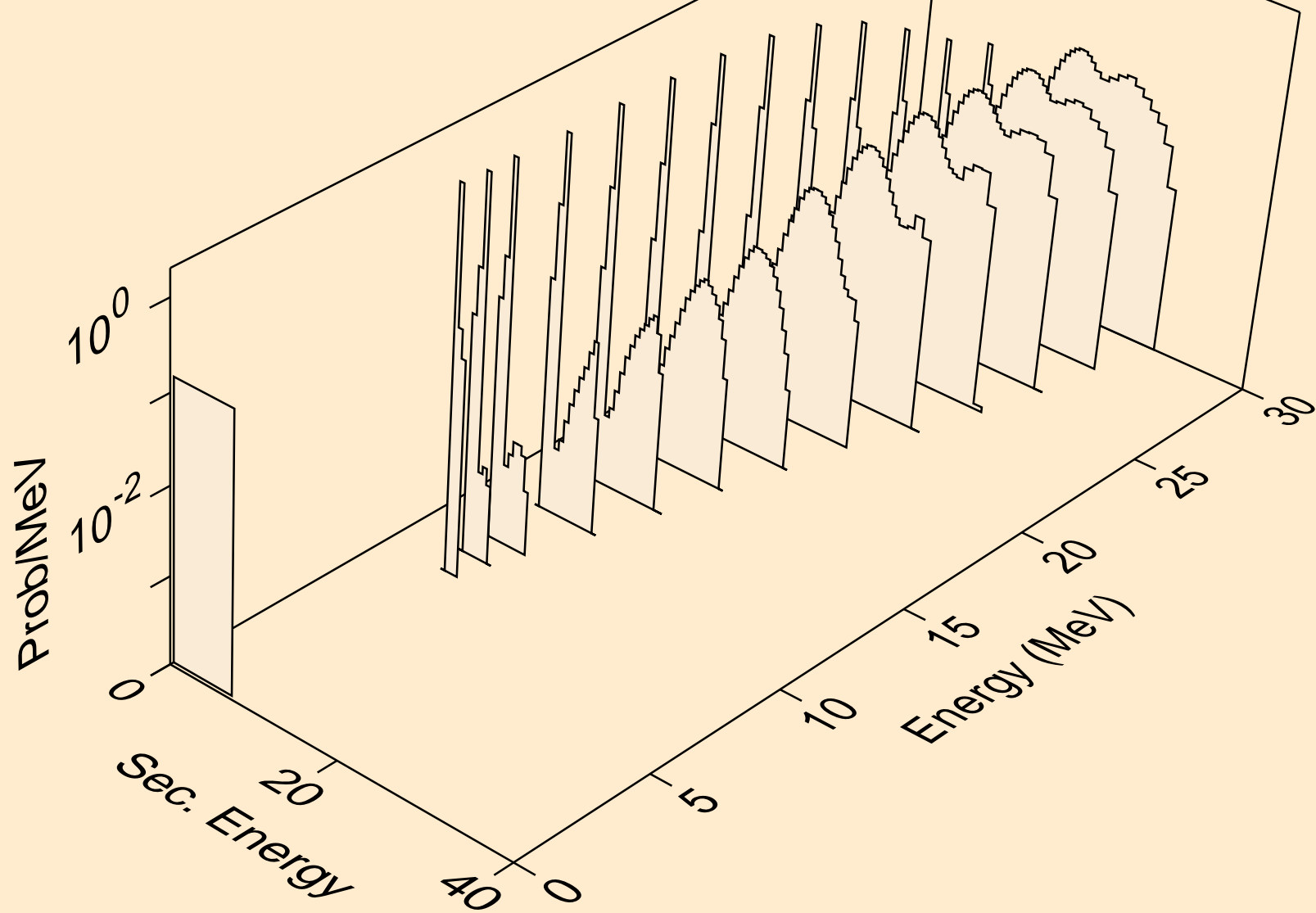
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)



HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

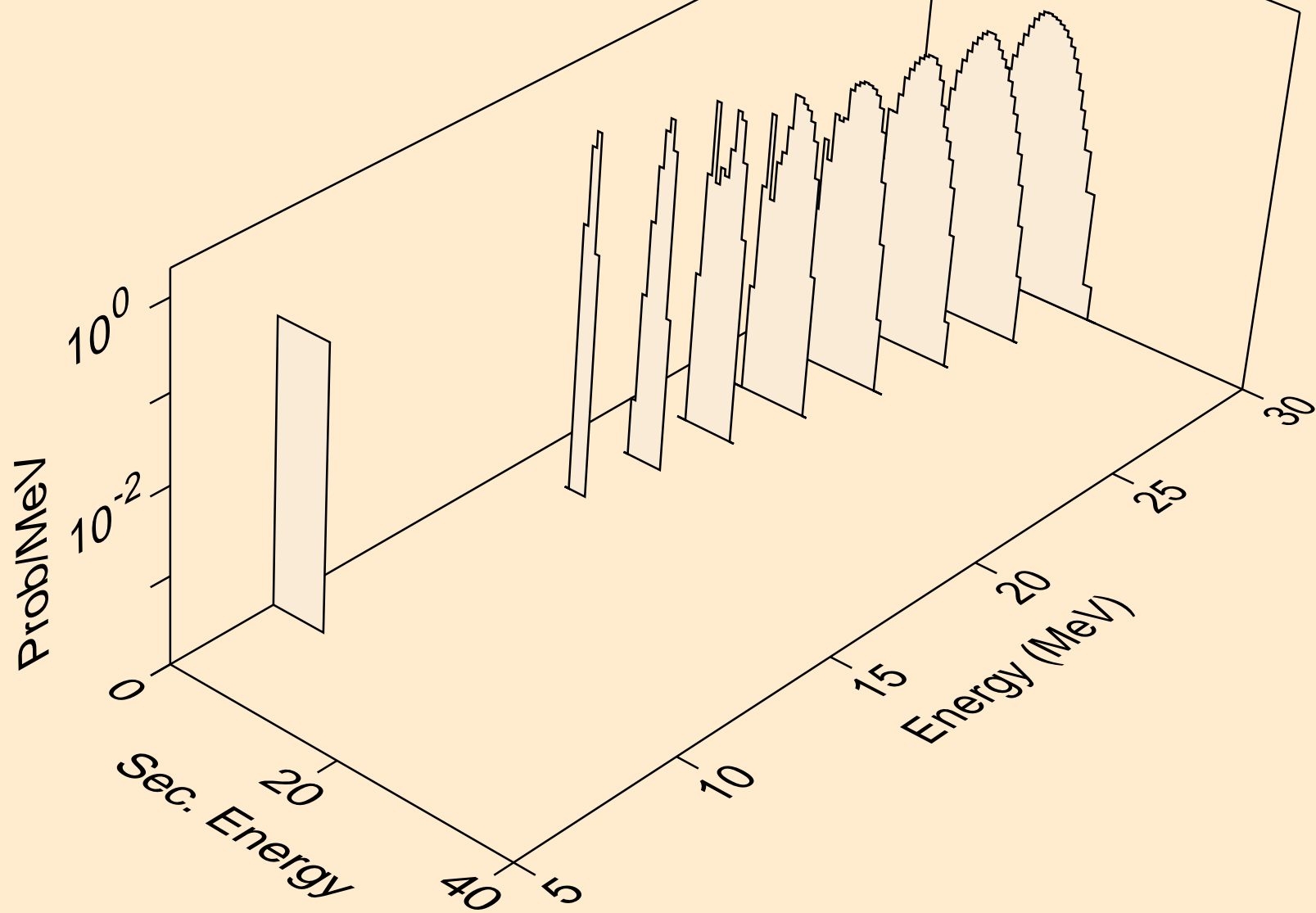


HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a

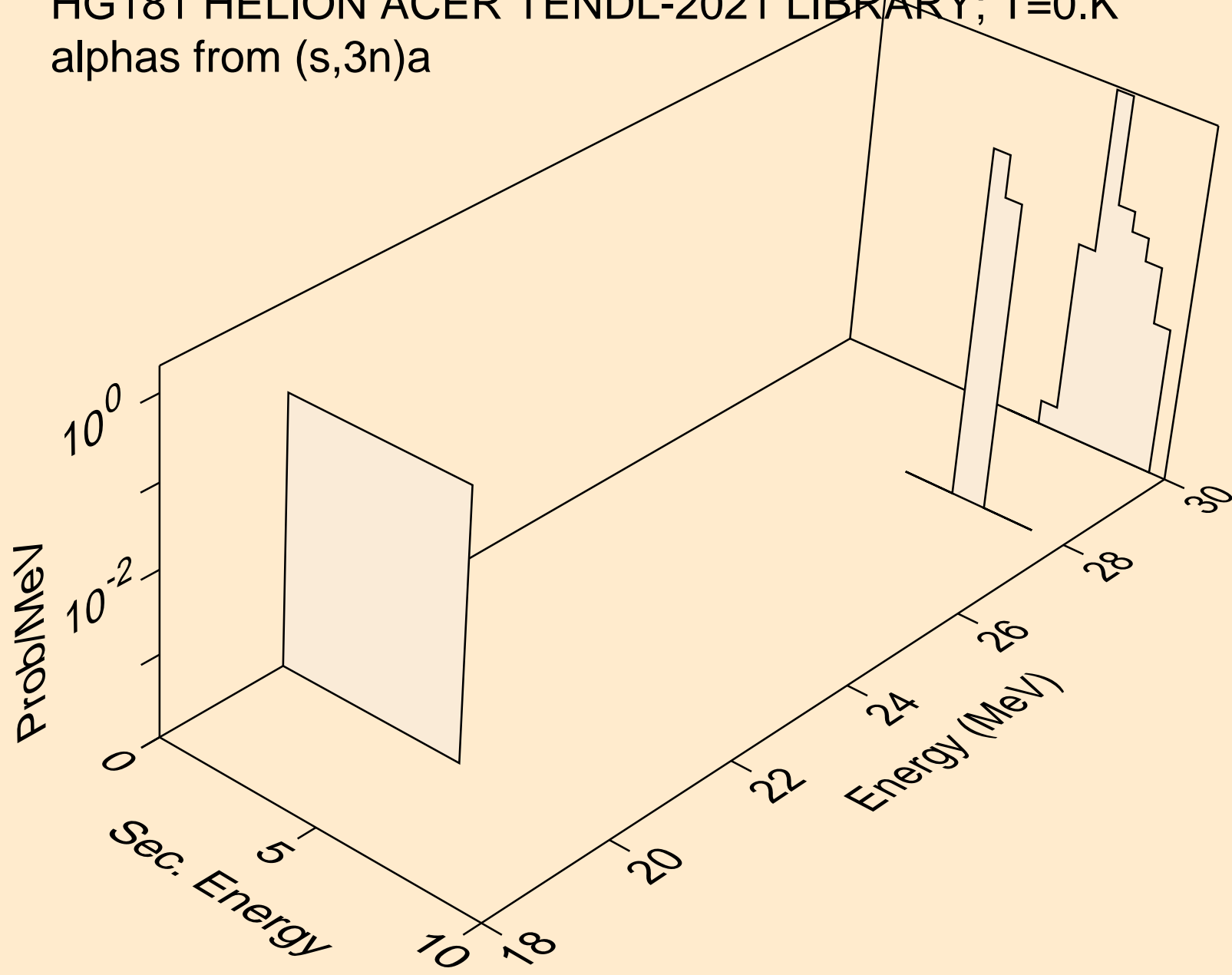




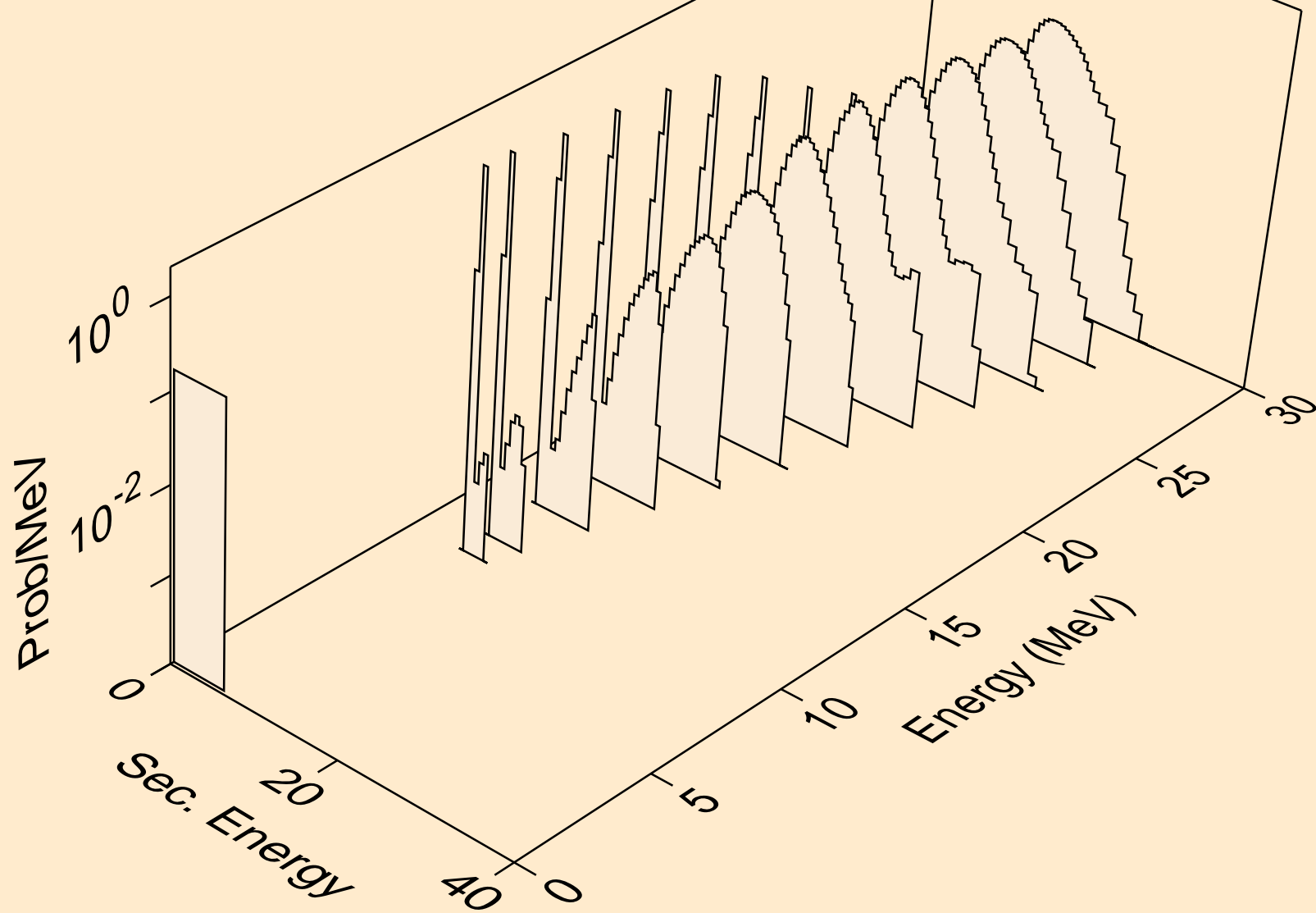
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



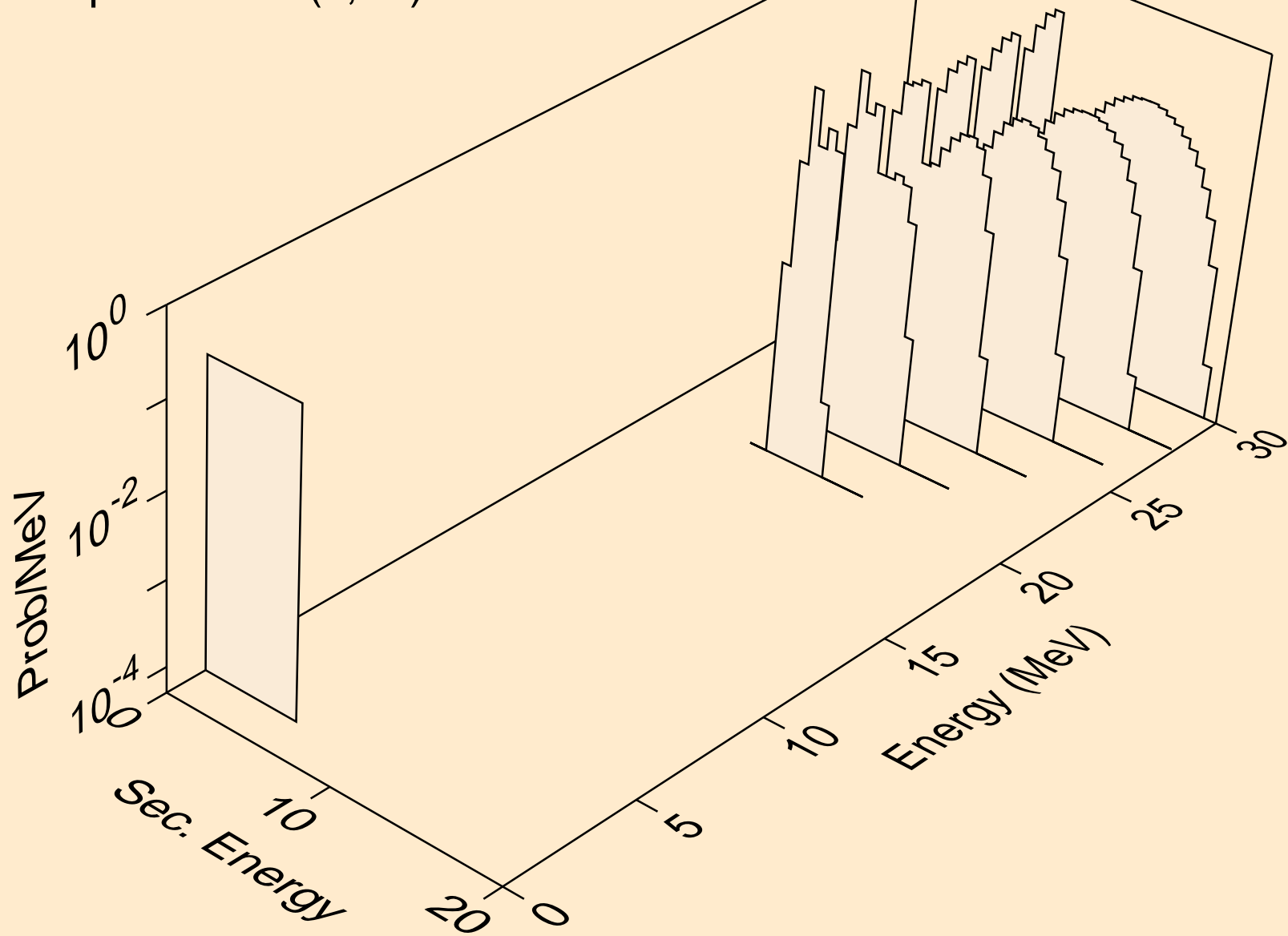
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



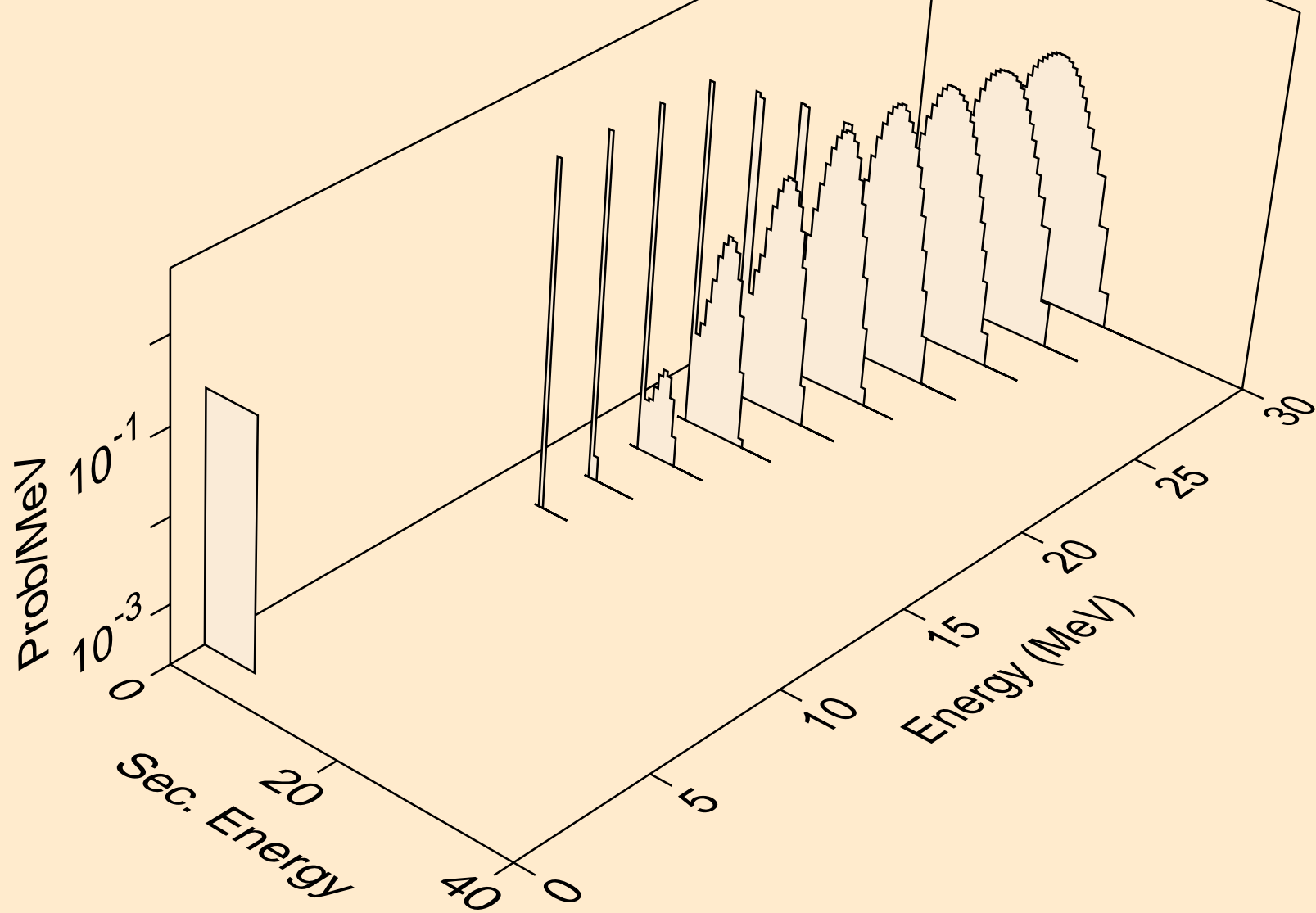
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



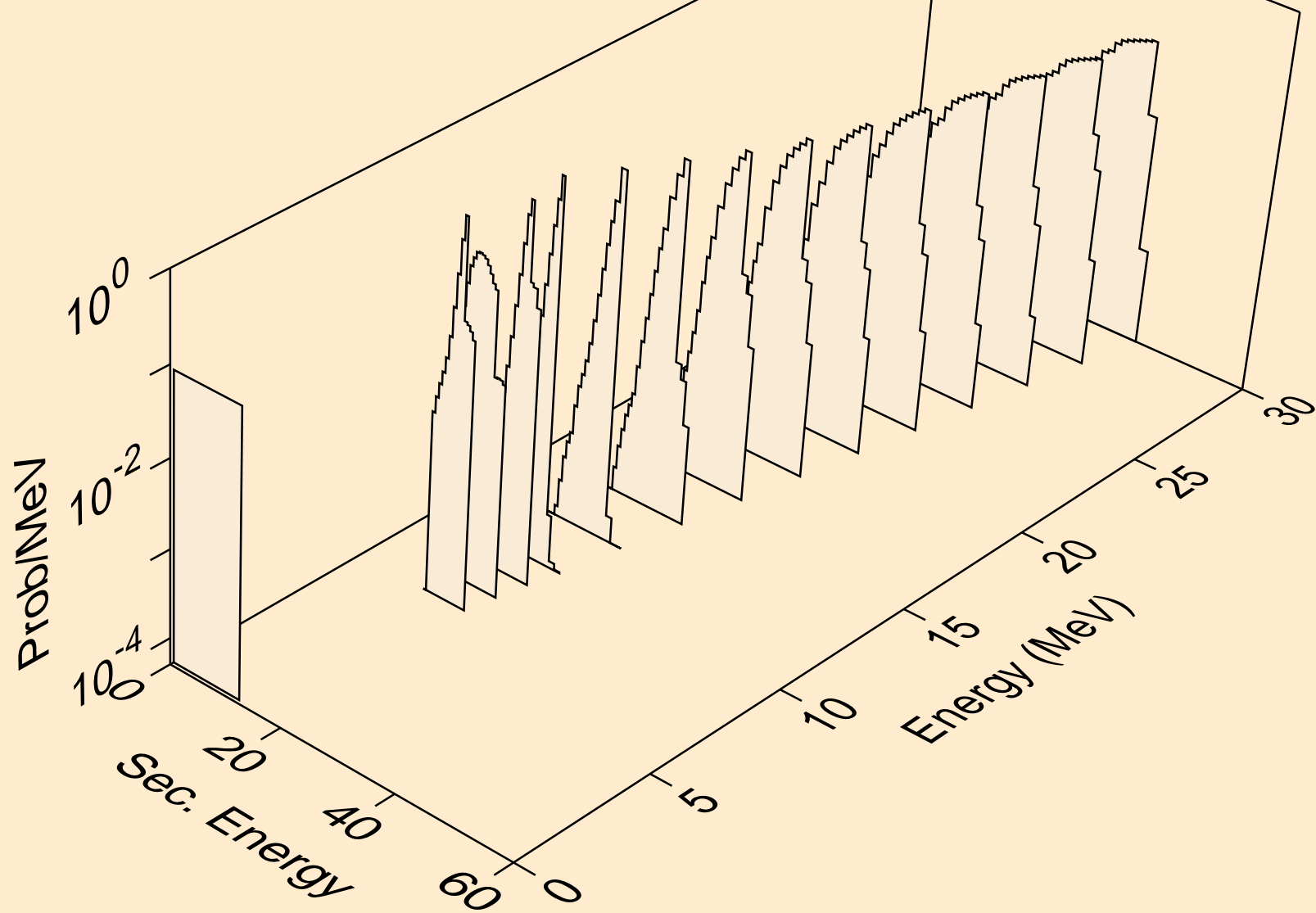
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)2a



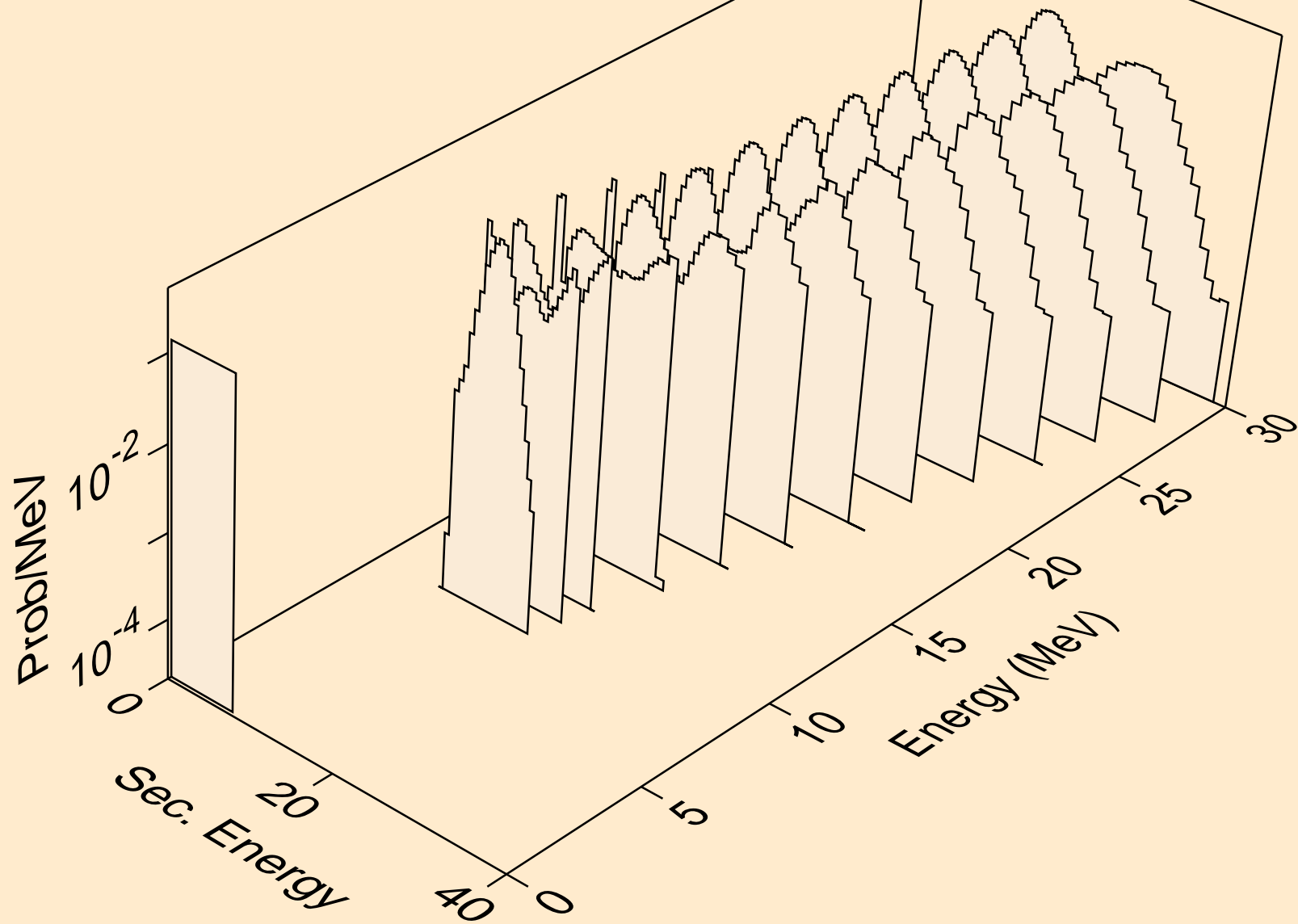
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



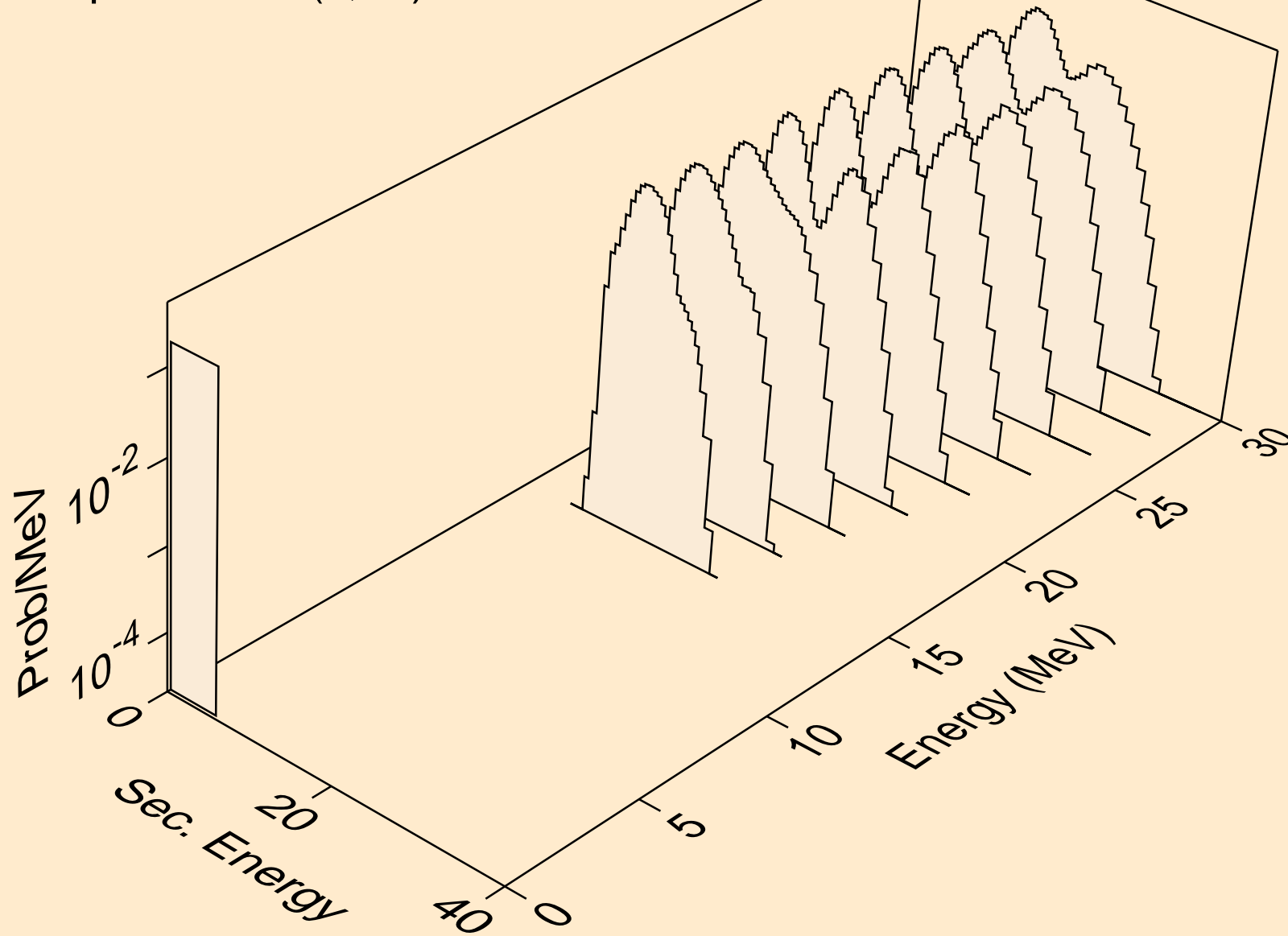
HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)

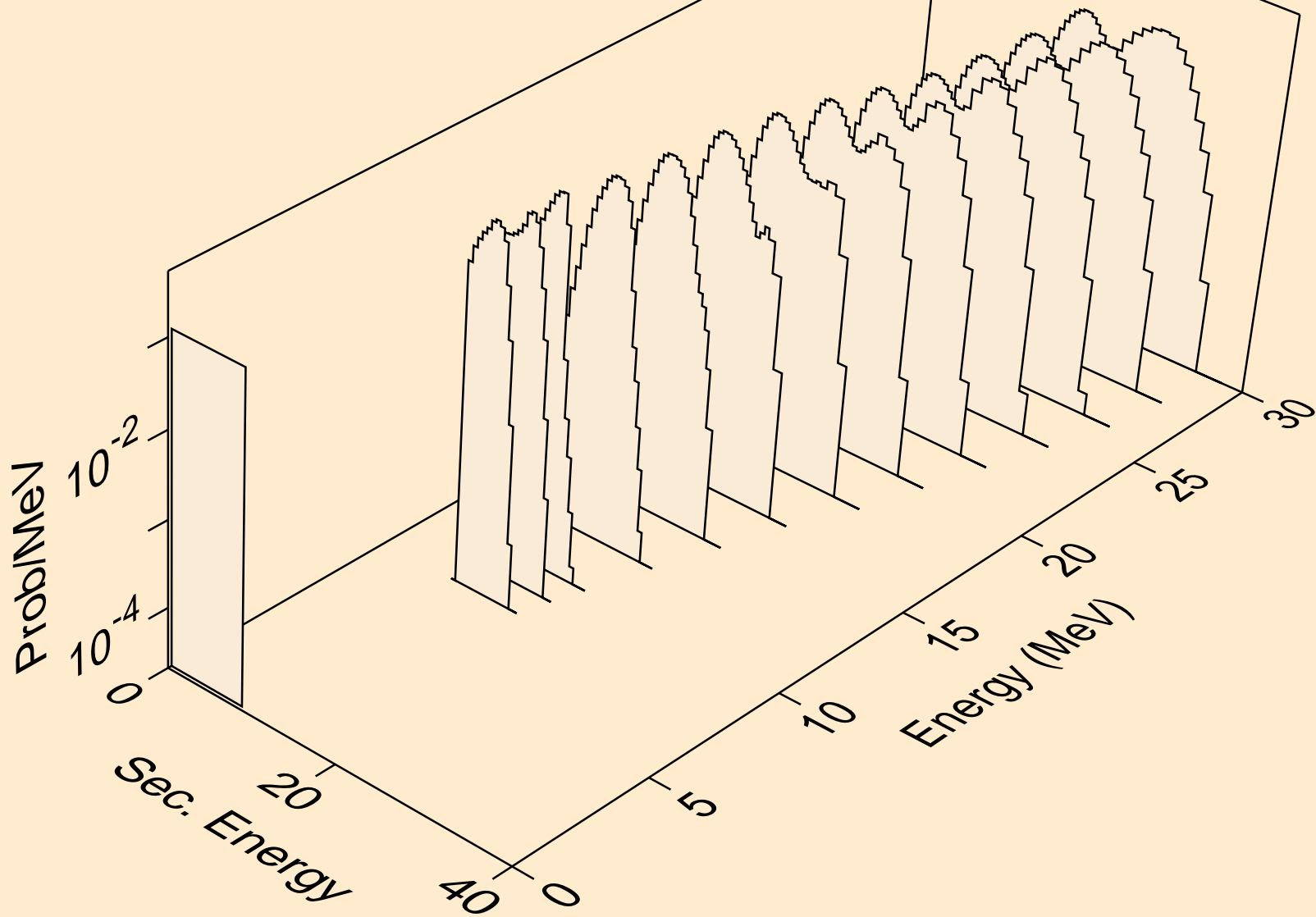


HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3a)

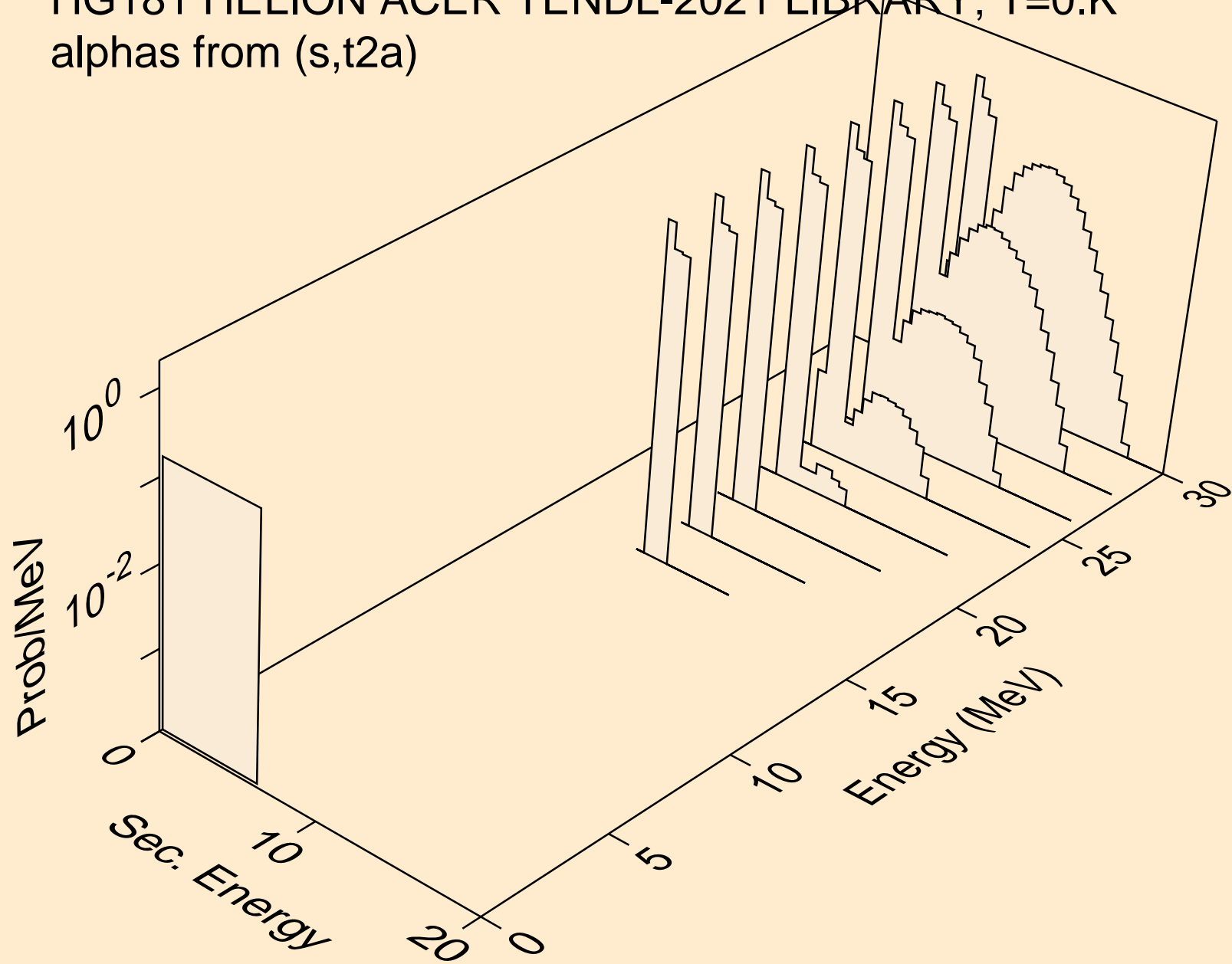




HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,t2a)



HG181 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

