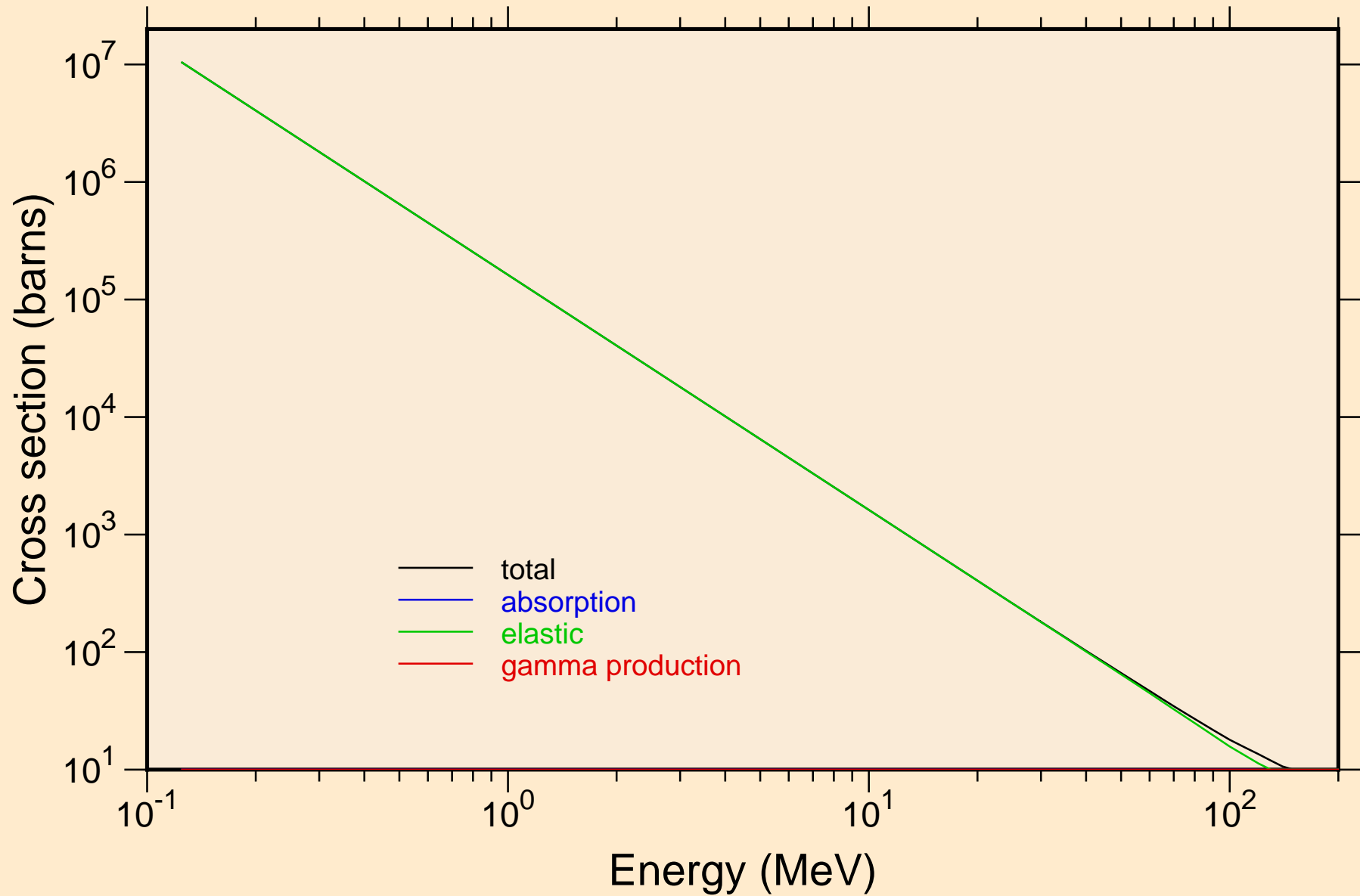
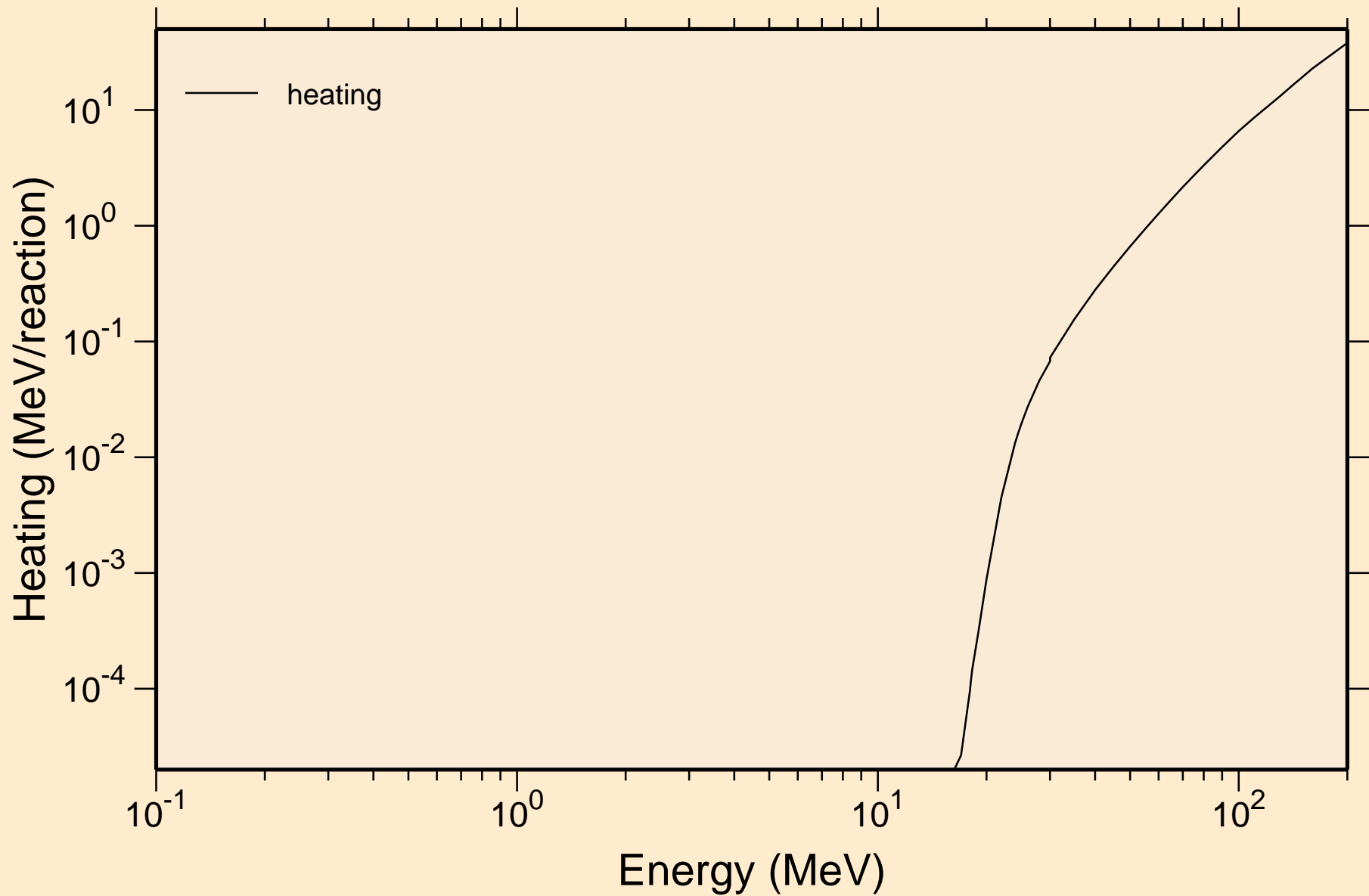


# HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

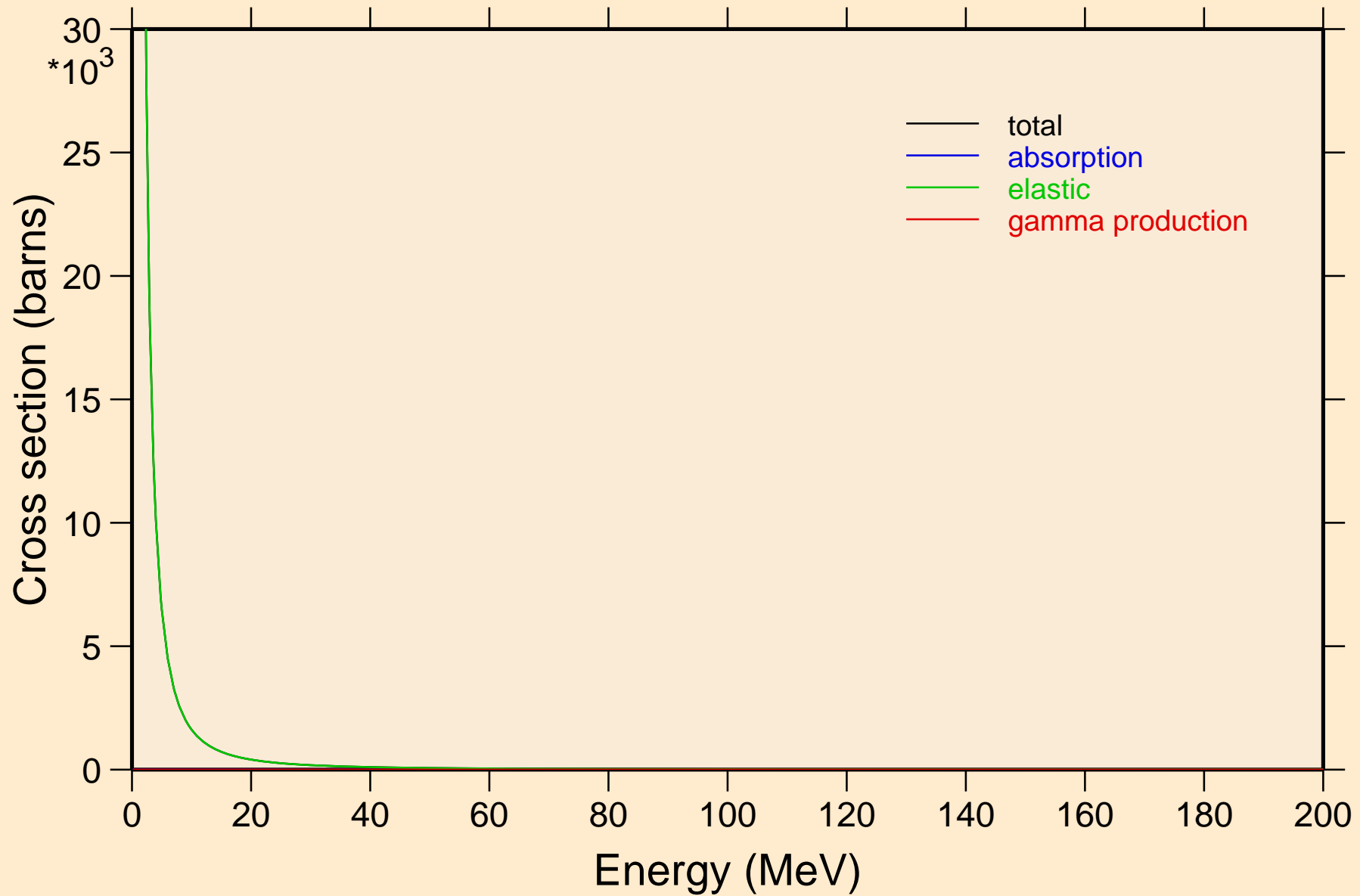


HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Heating



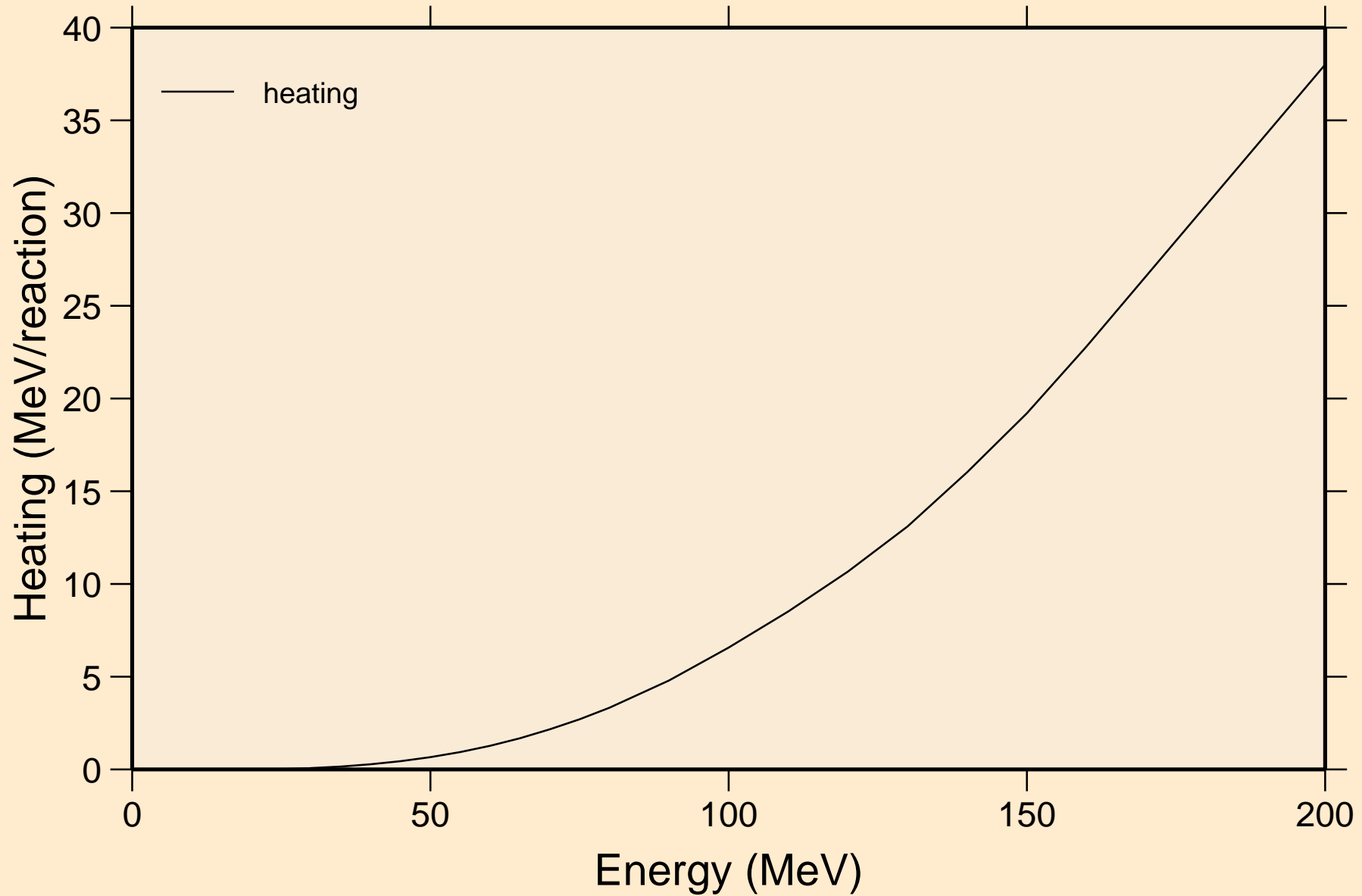
# HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



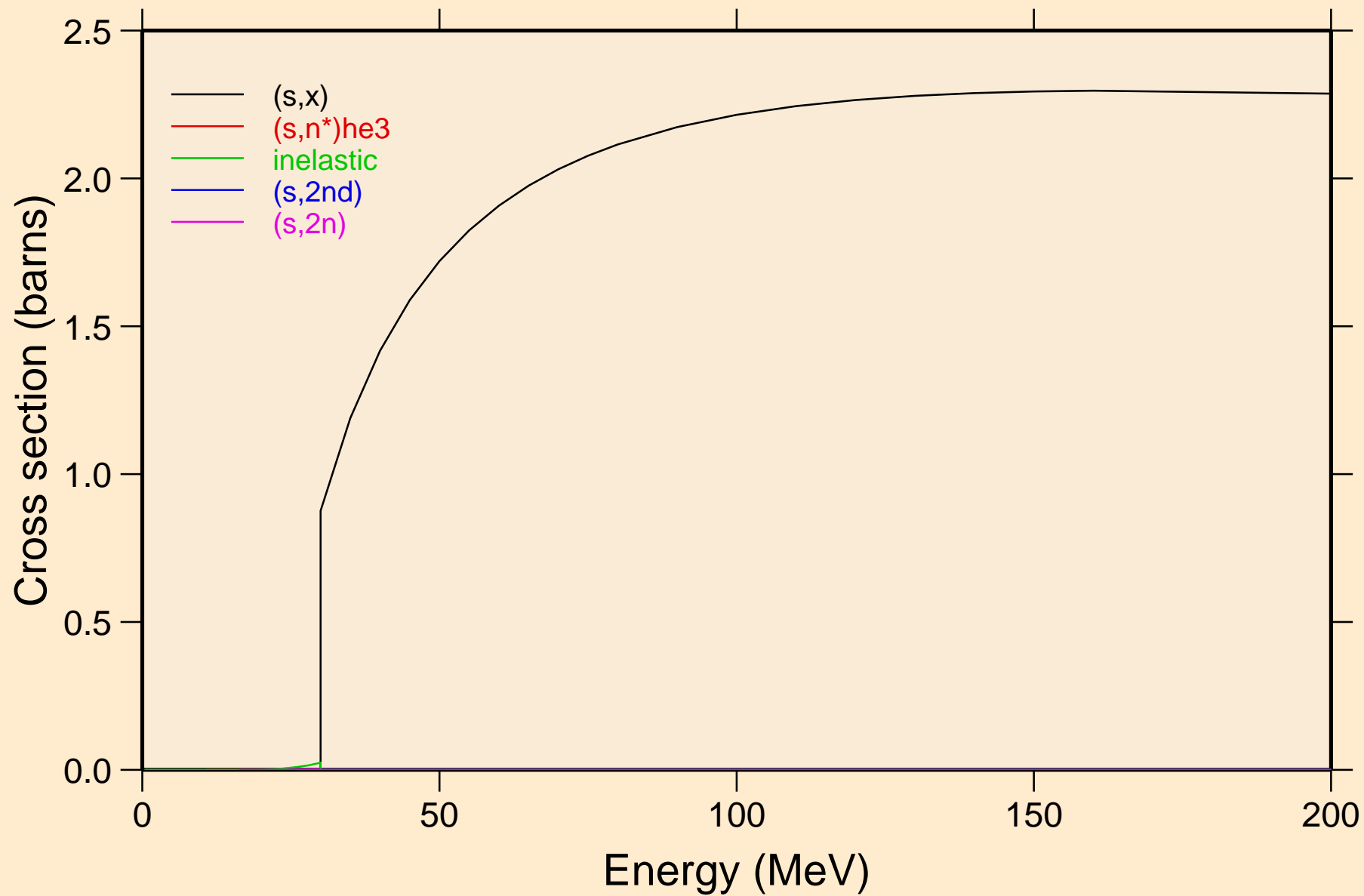
# HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating

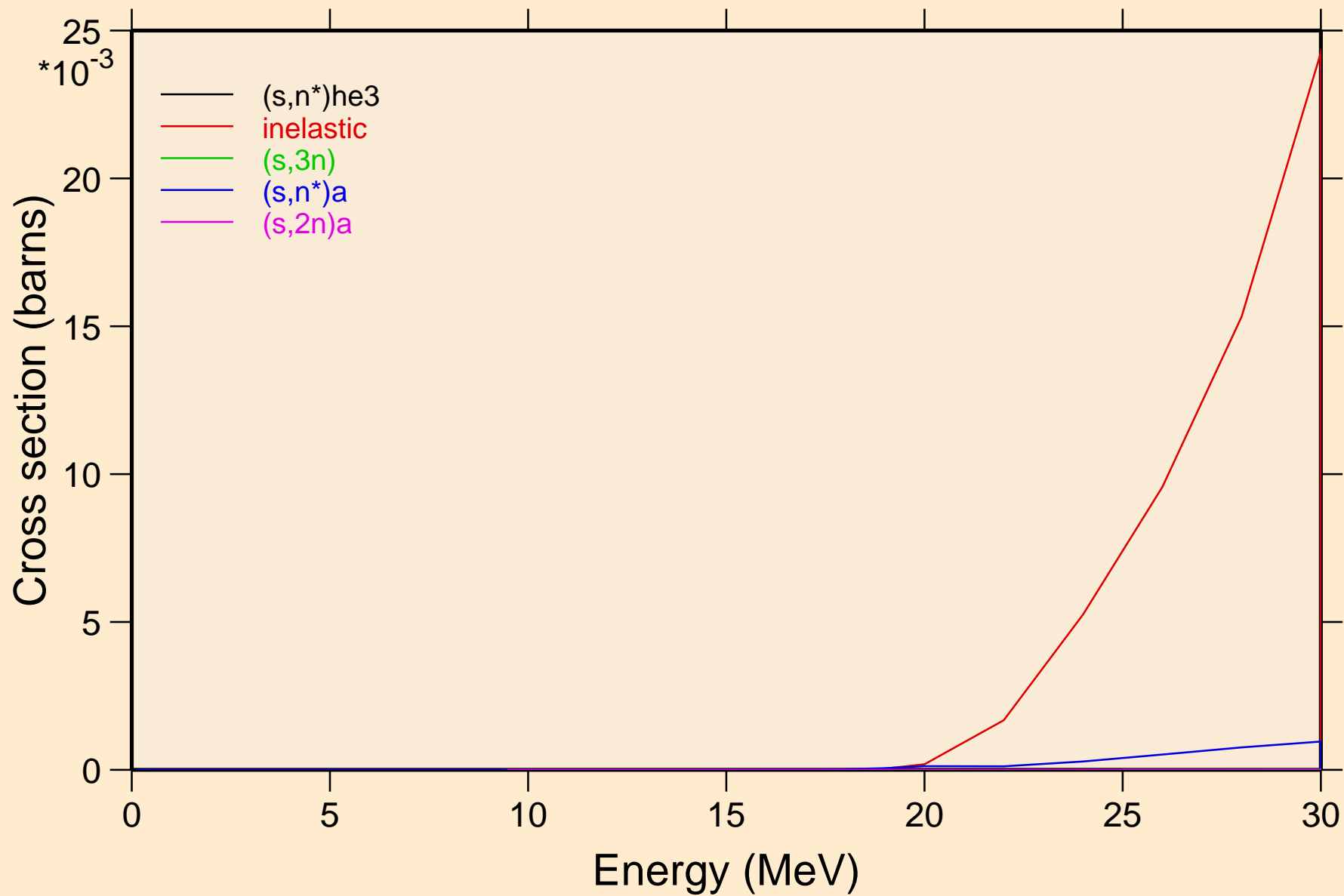


# HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K

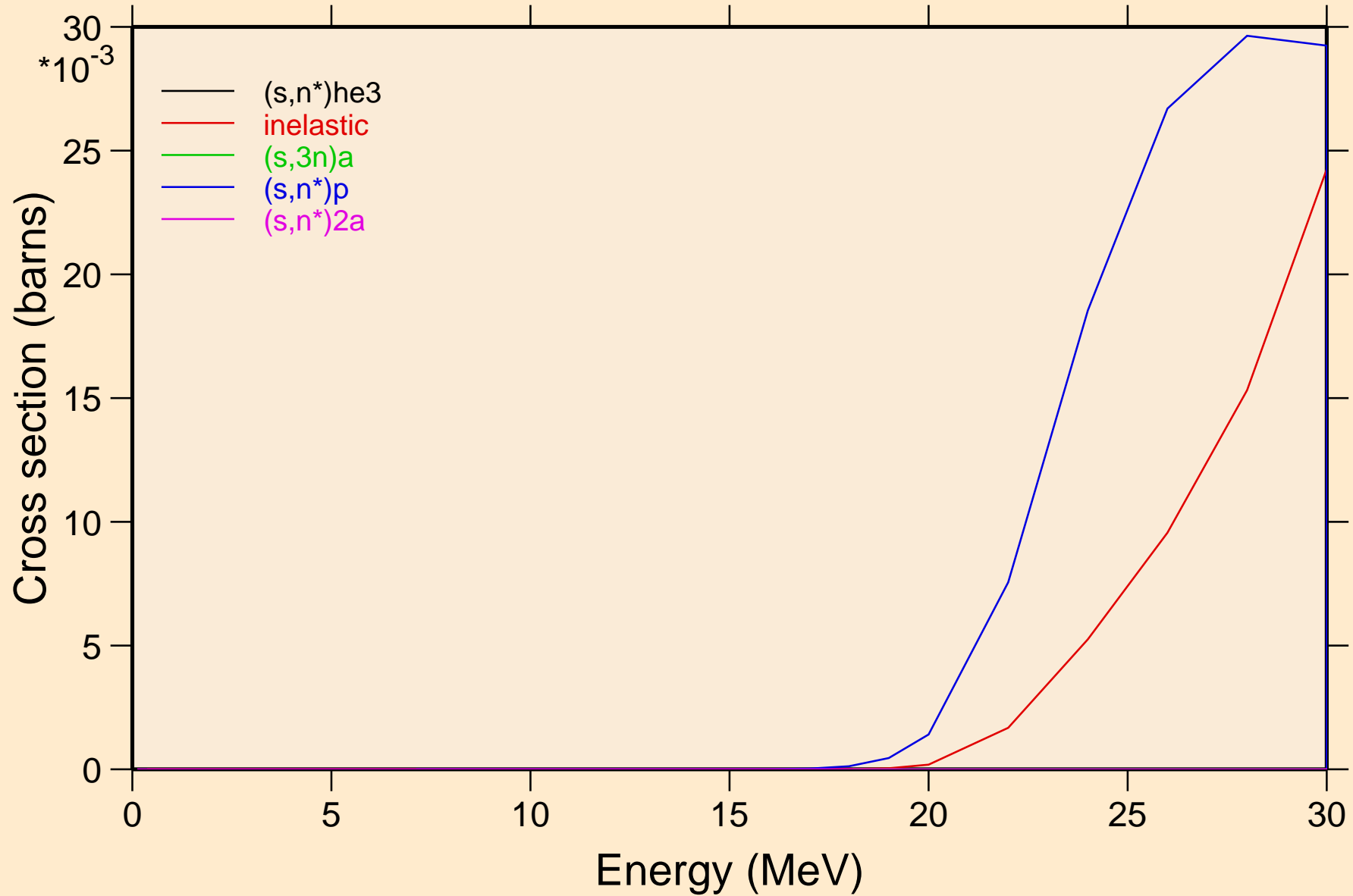
## Threshold reactions



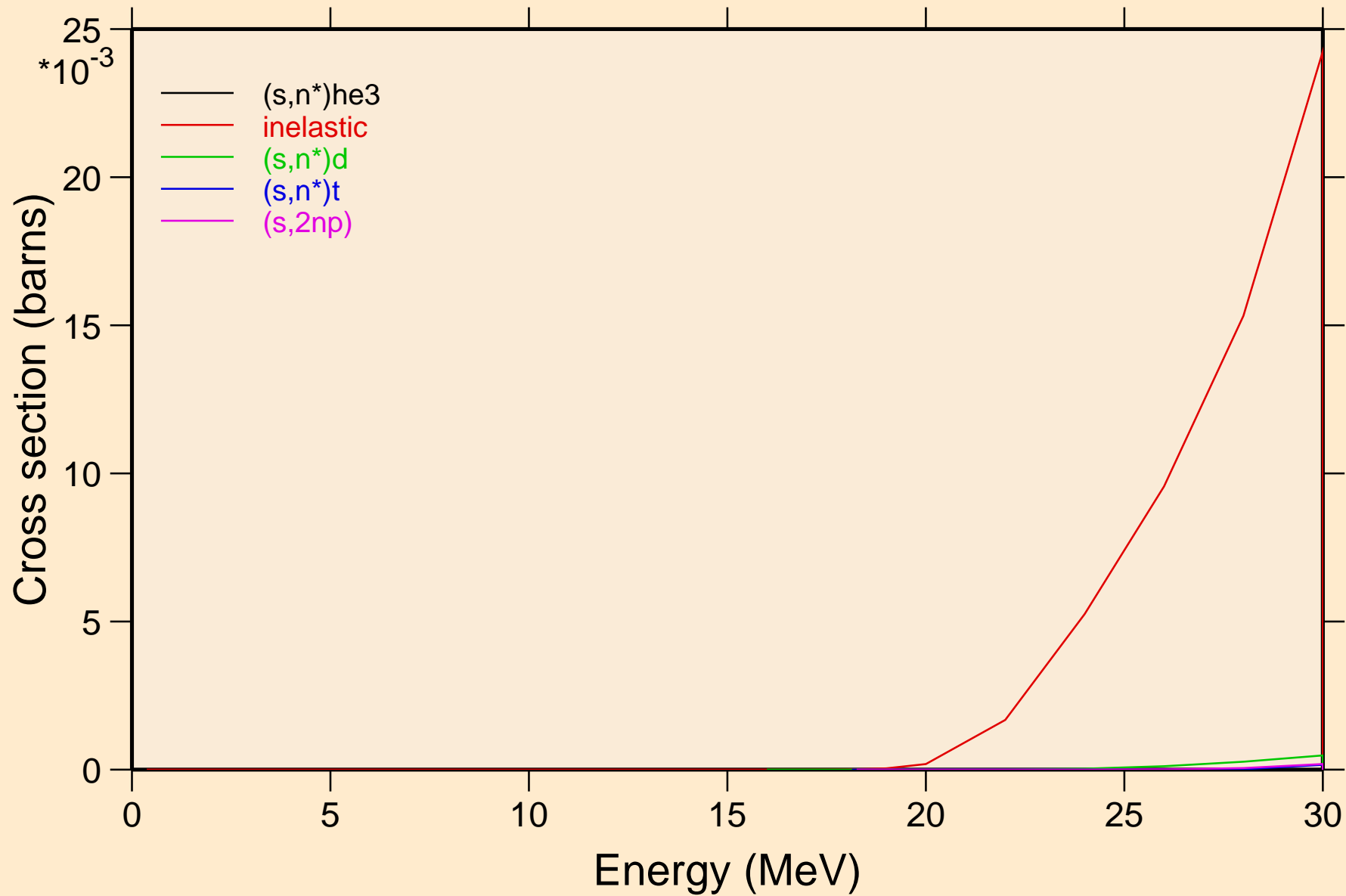
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



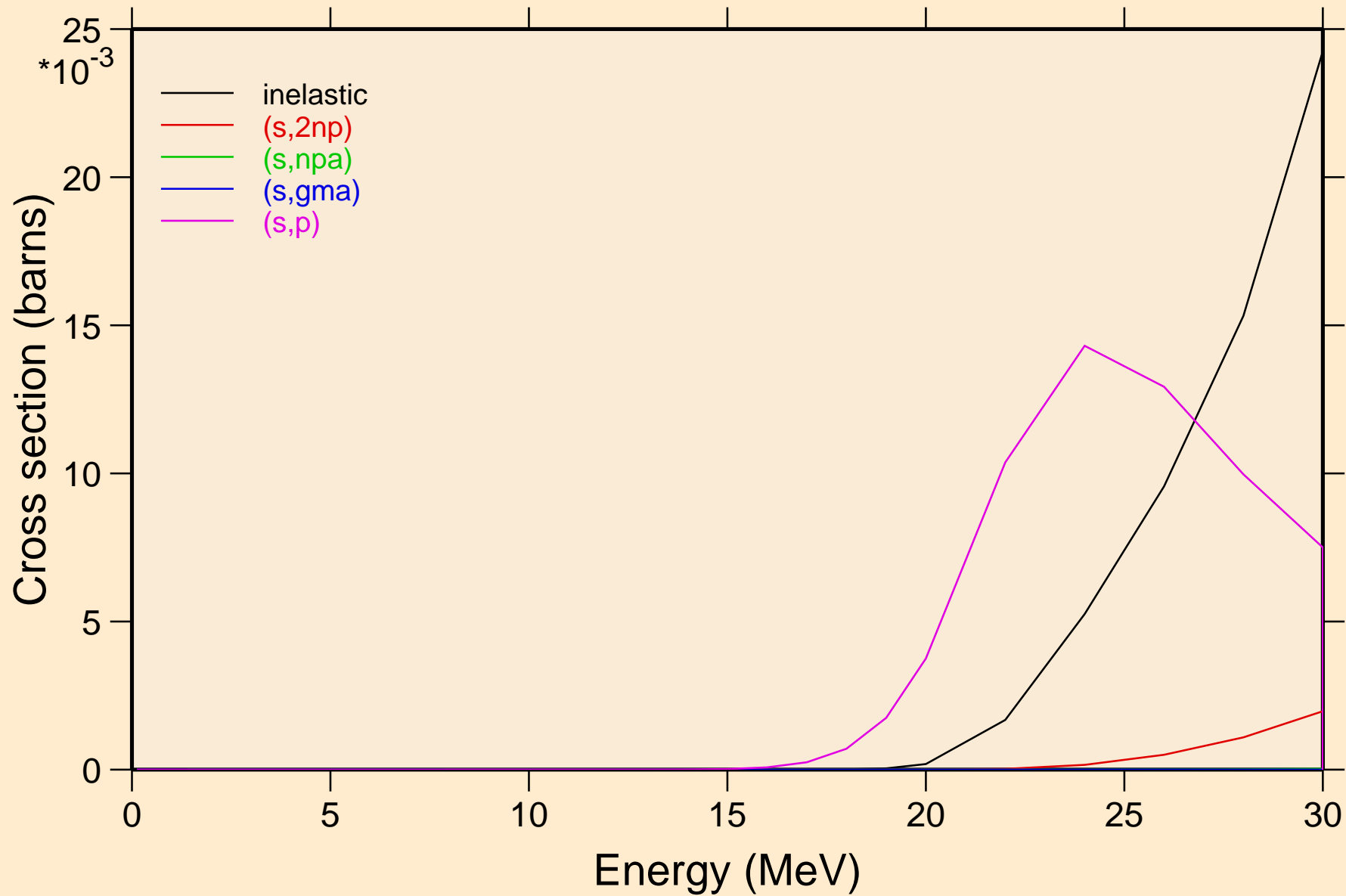
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions





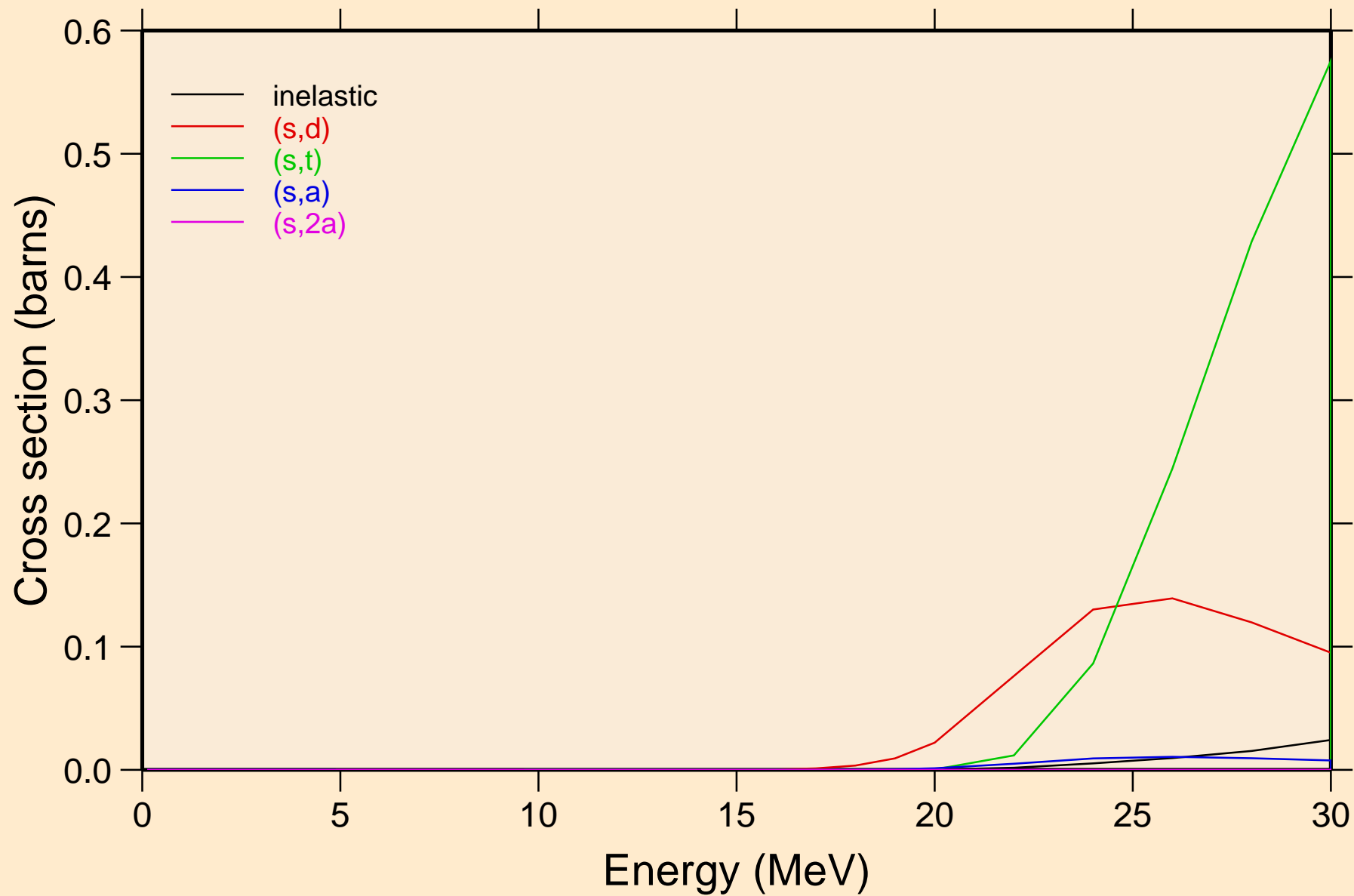
# HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

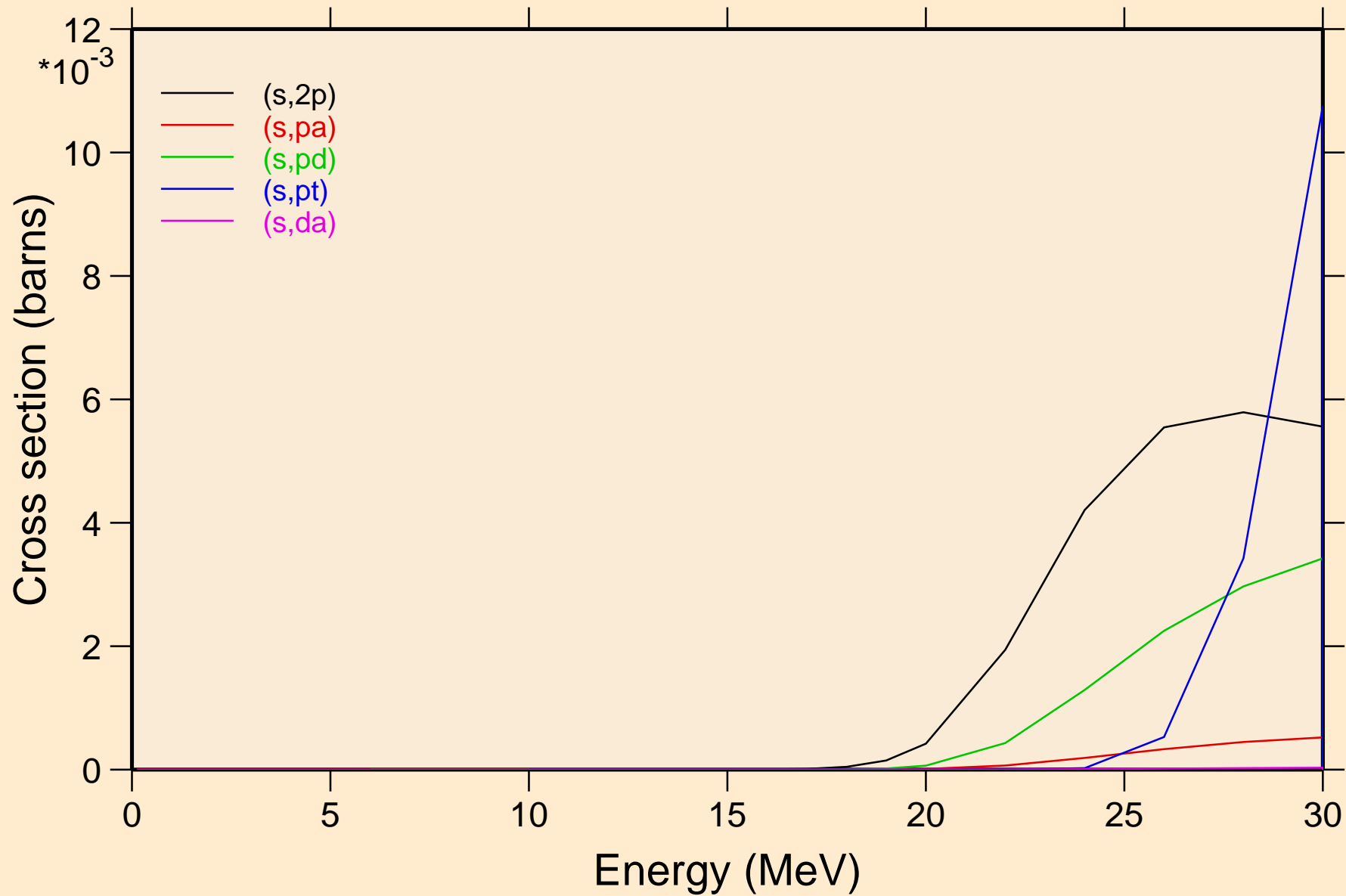


# HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K

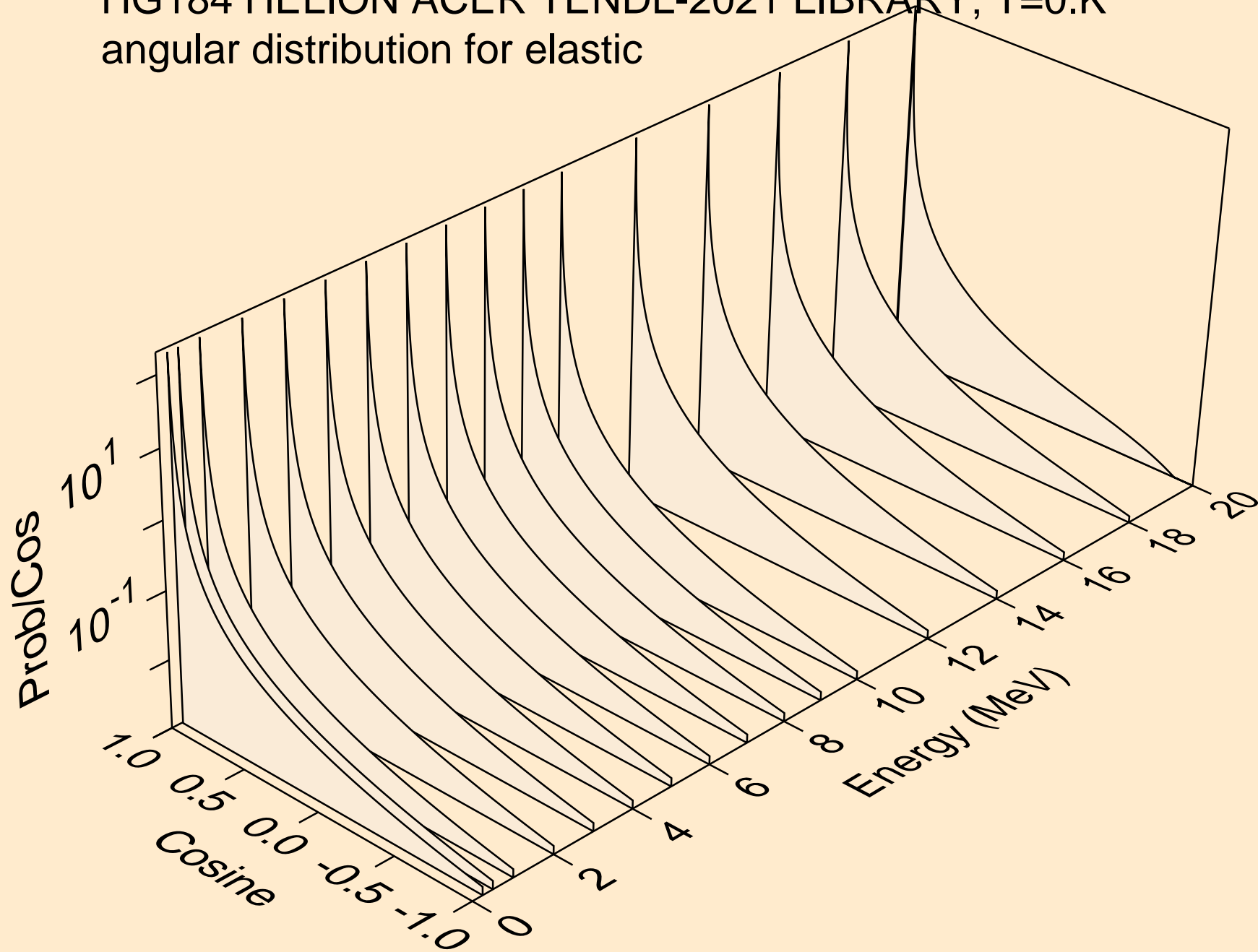
## Threshold reactions



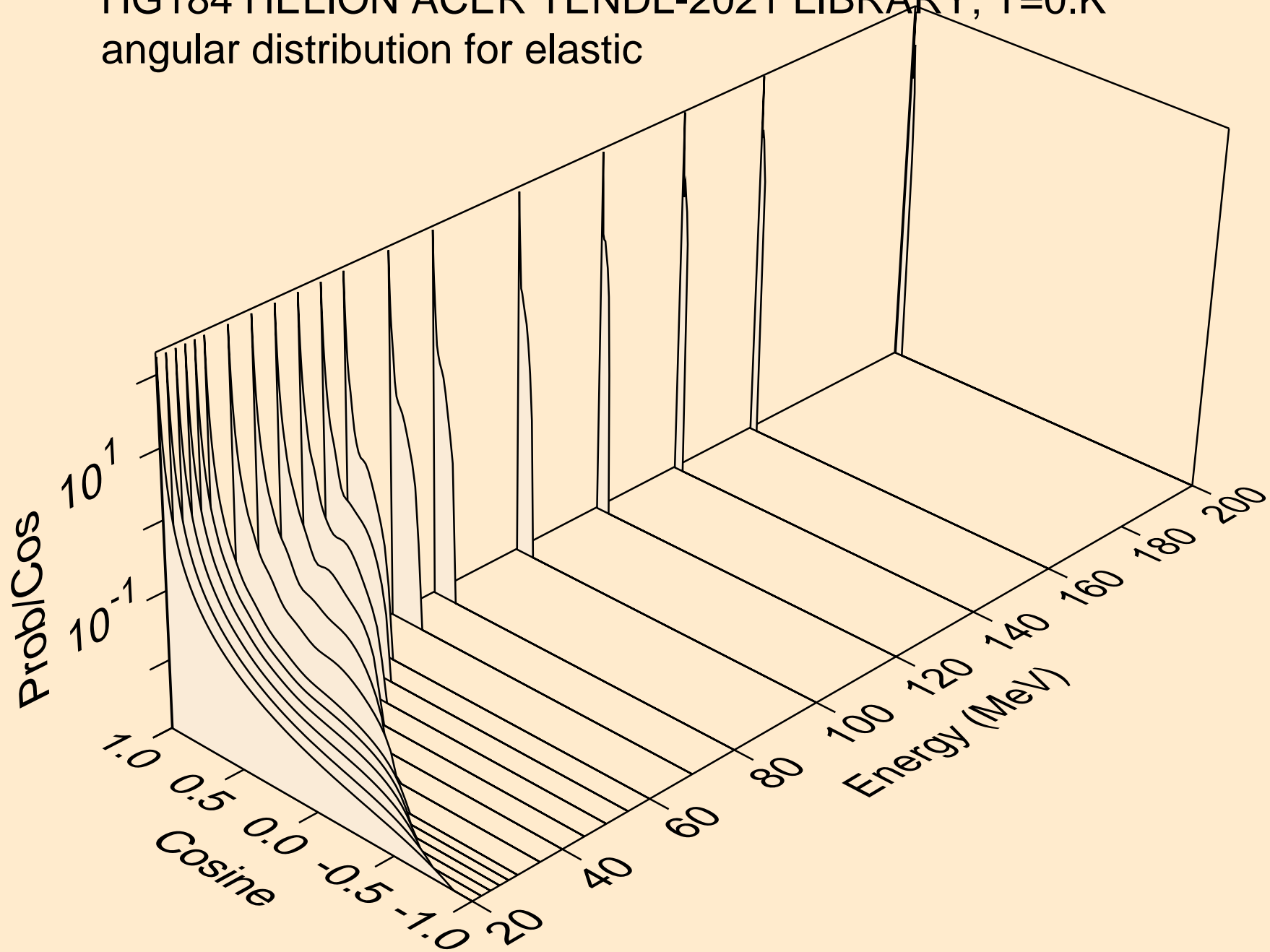
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



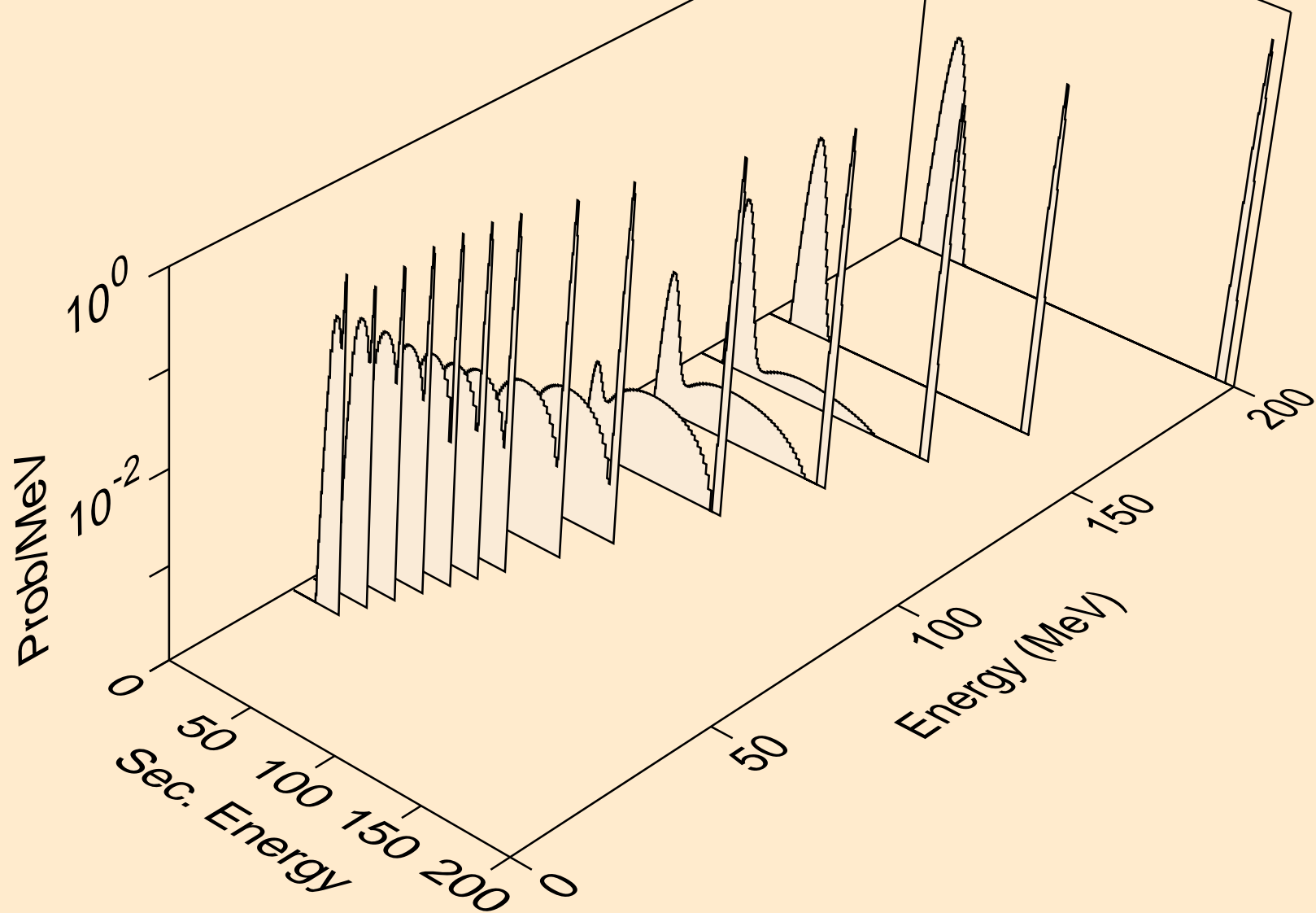
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



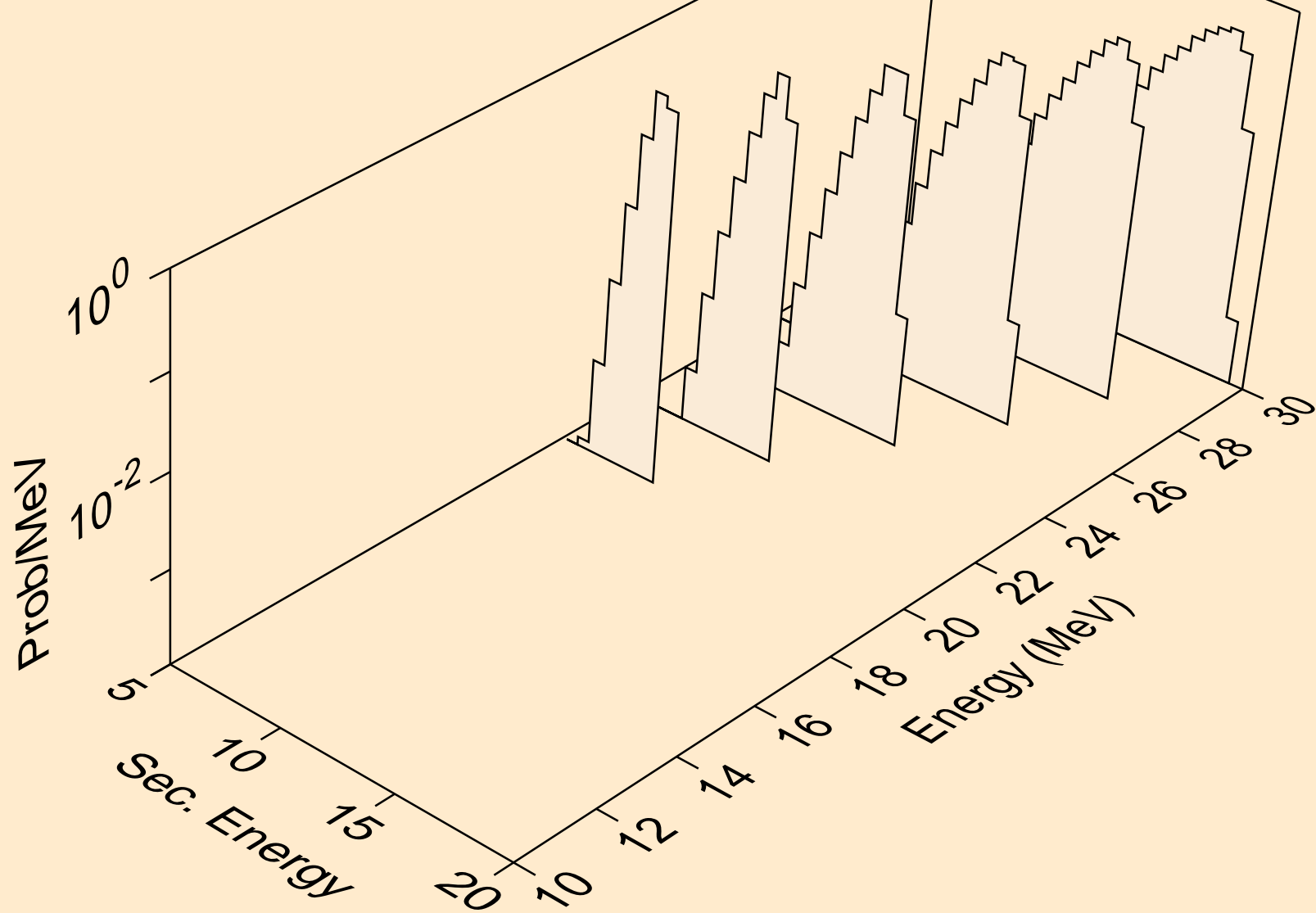
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



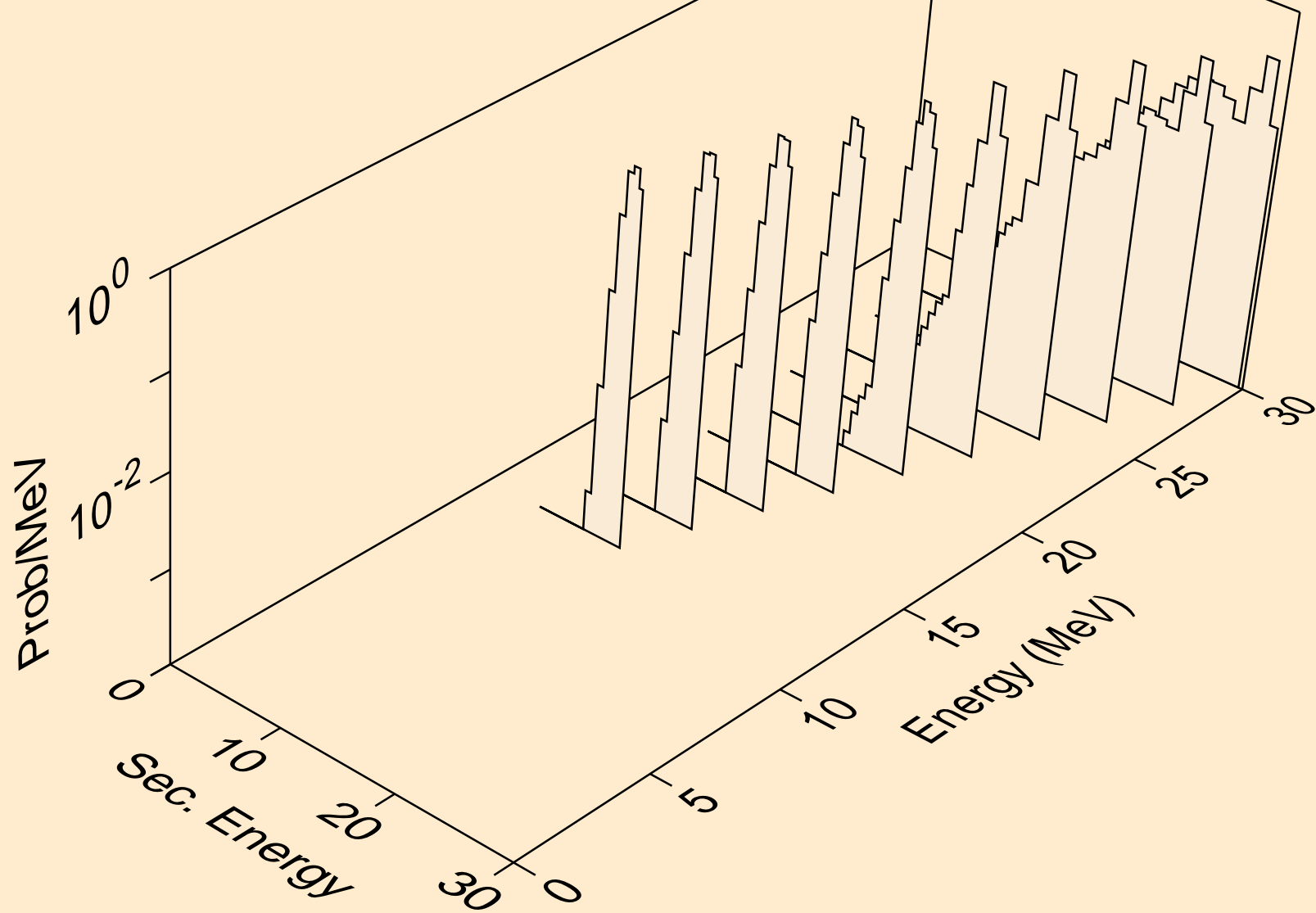
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

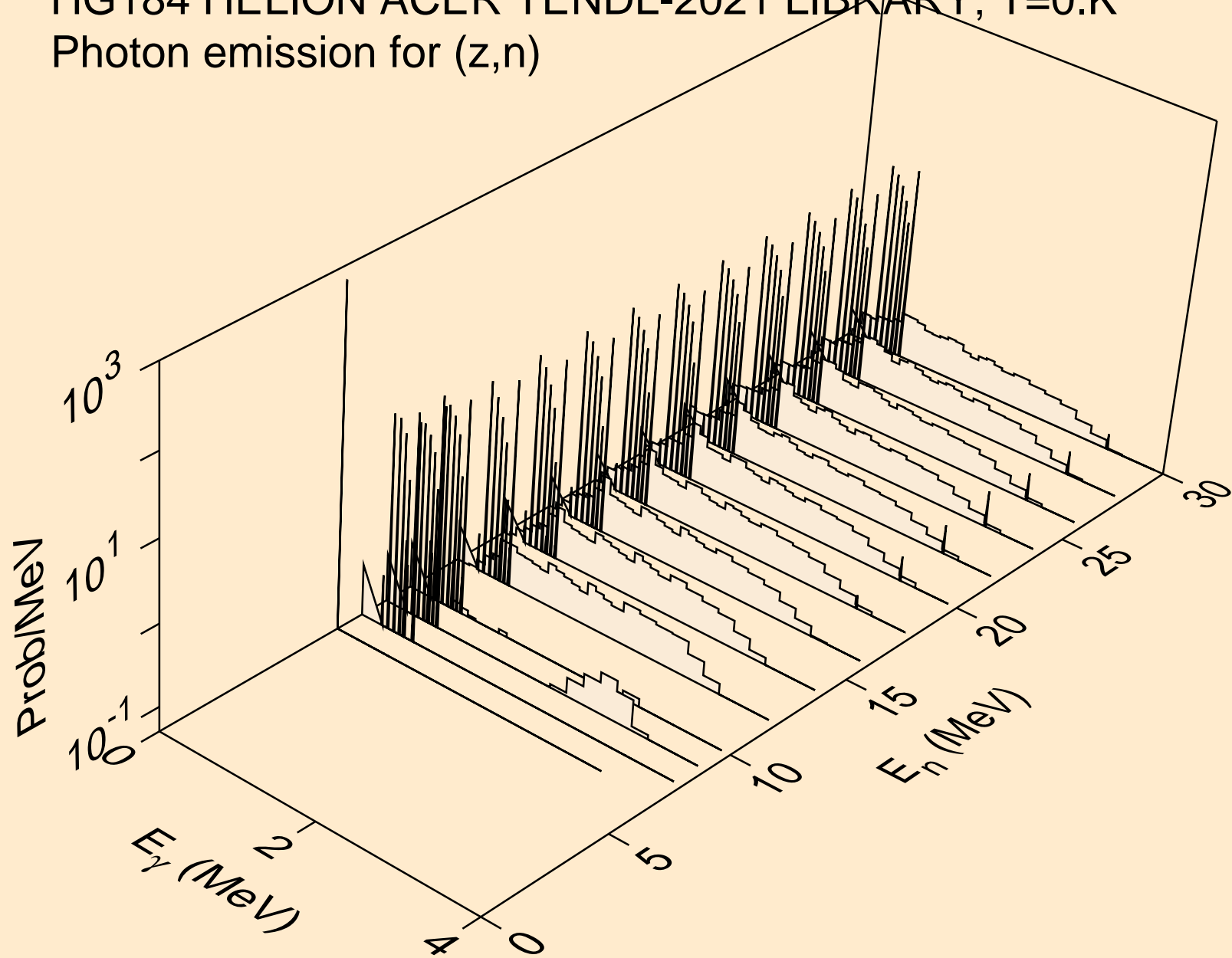


HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

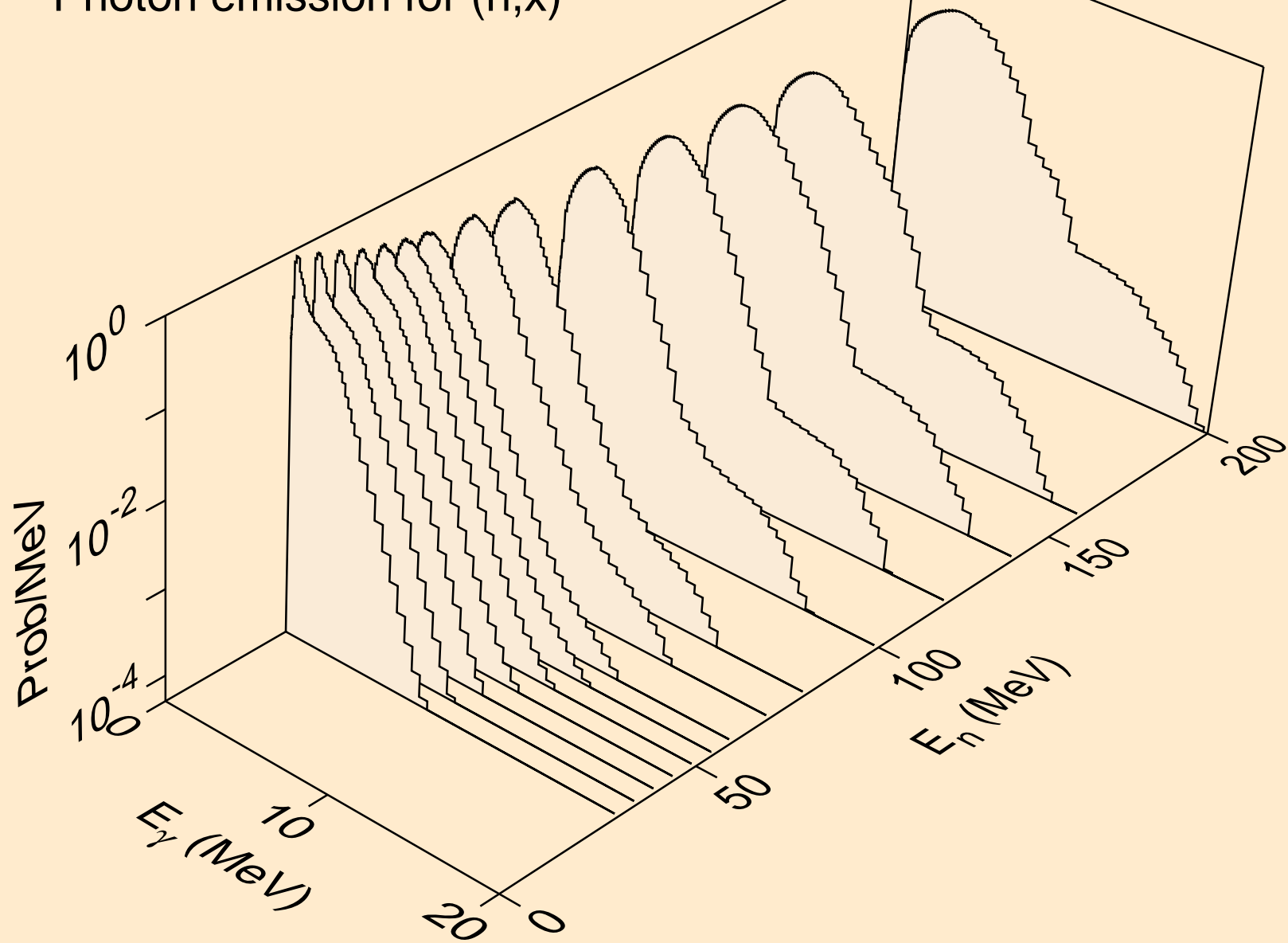




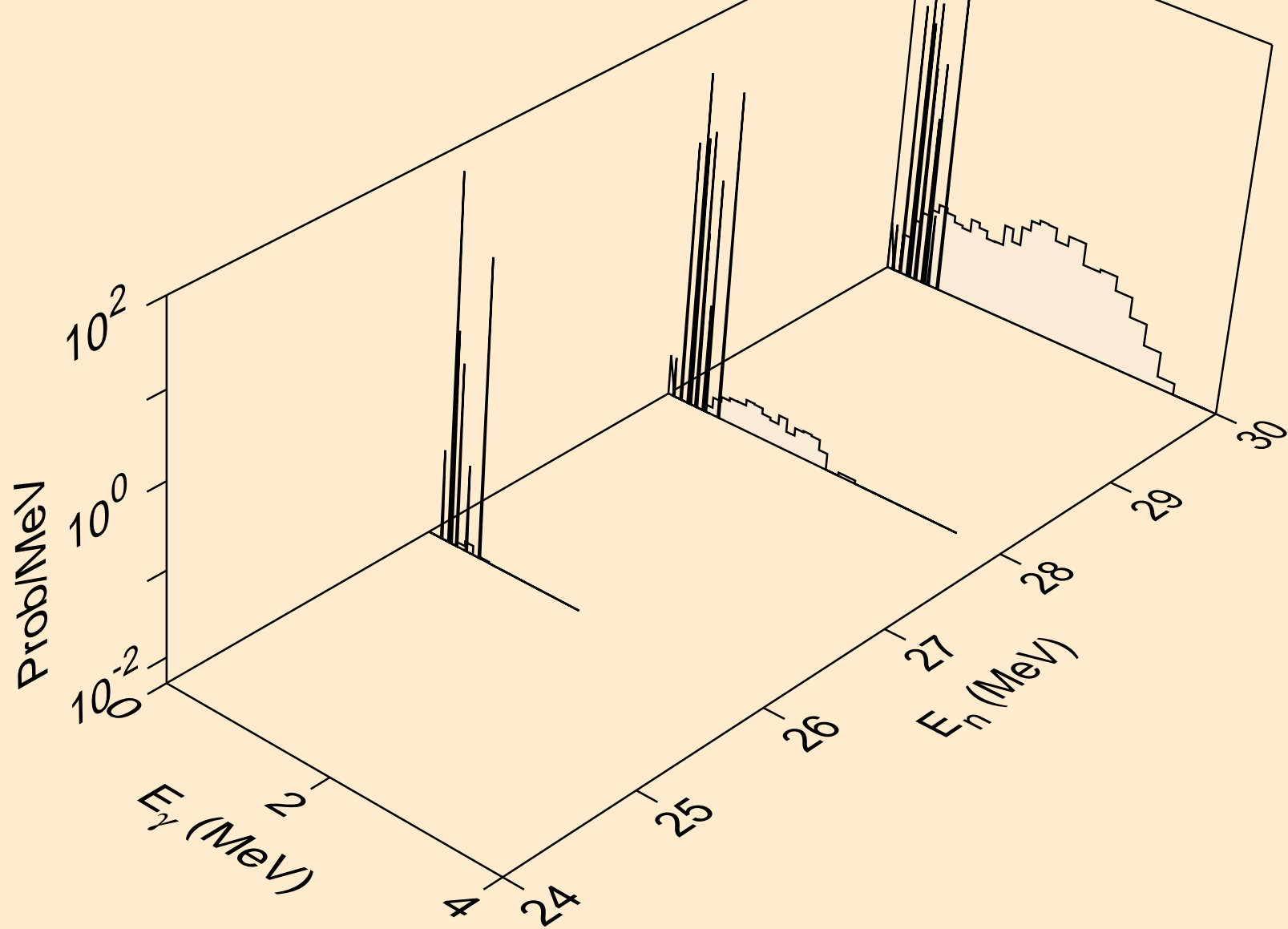
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



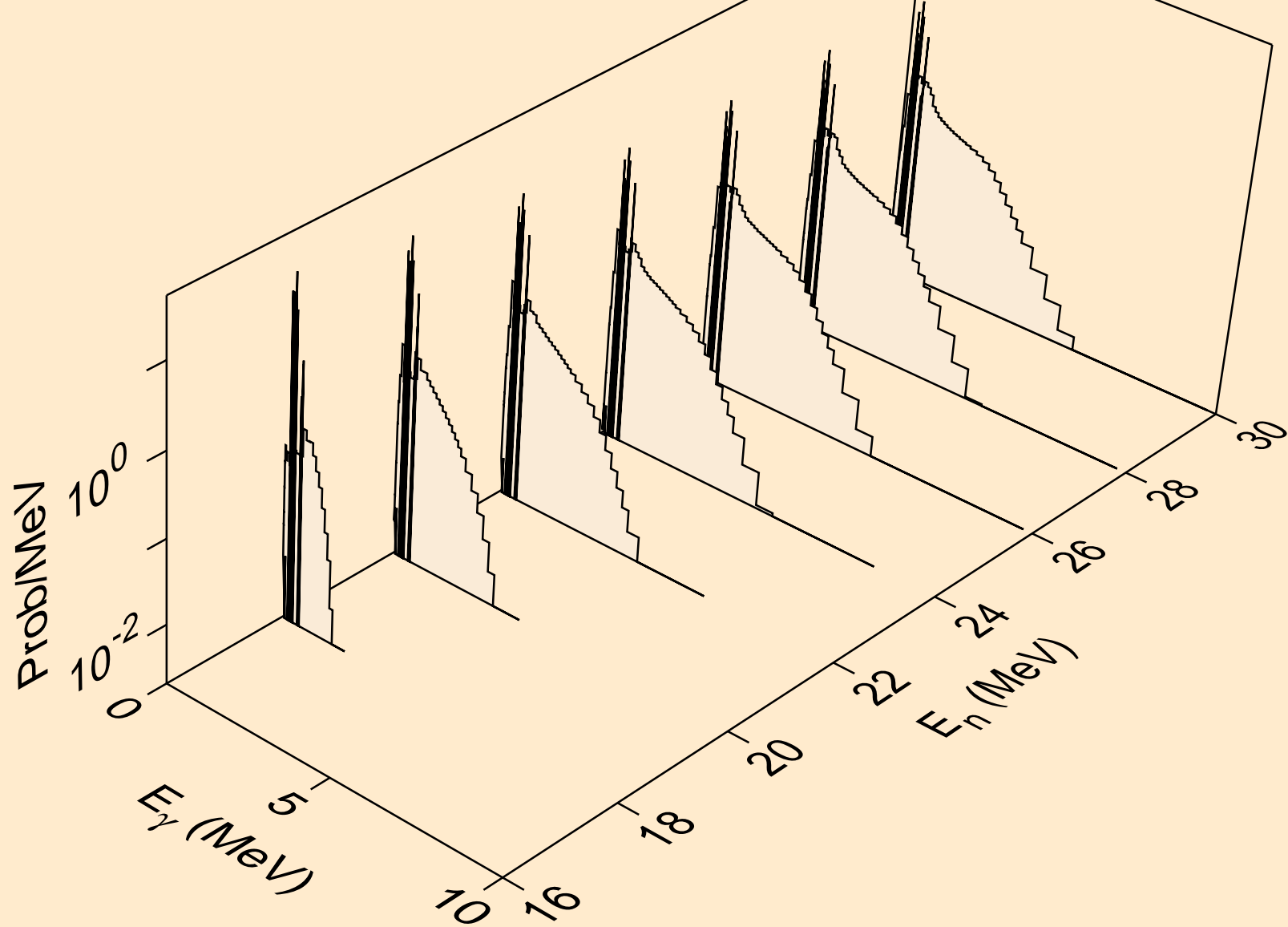
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



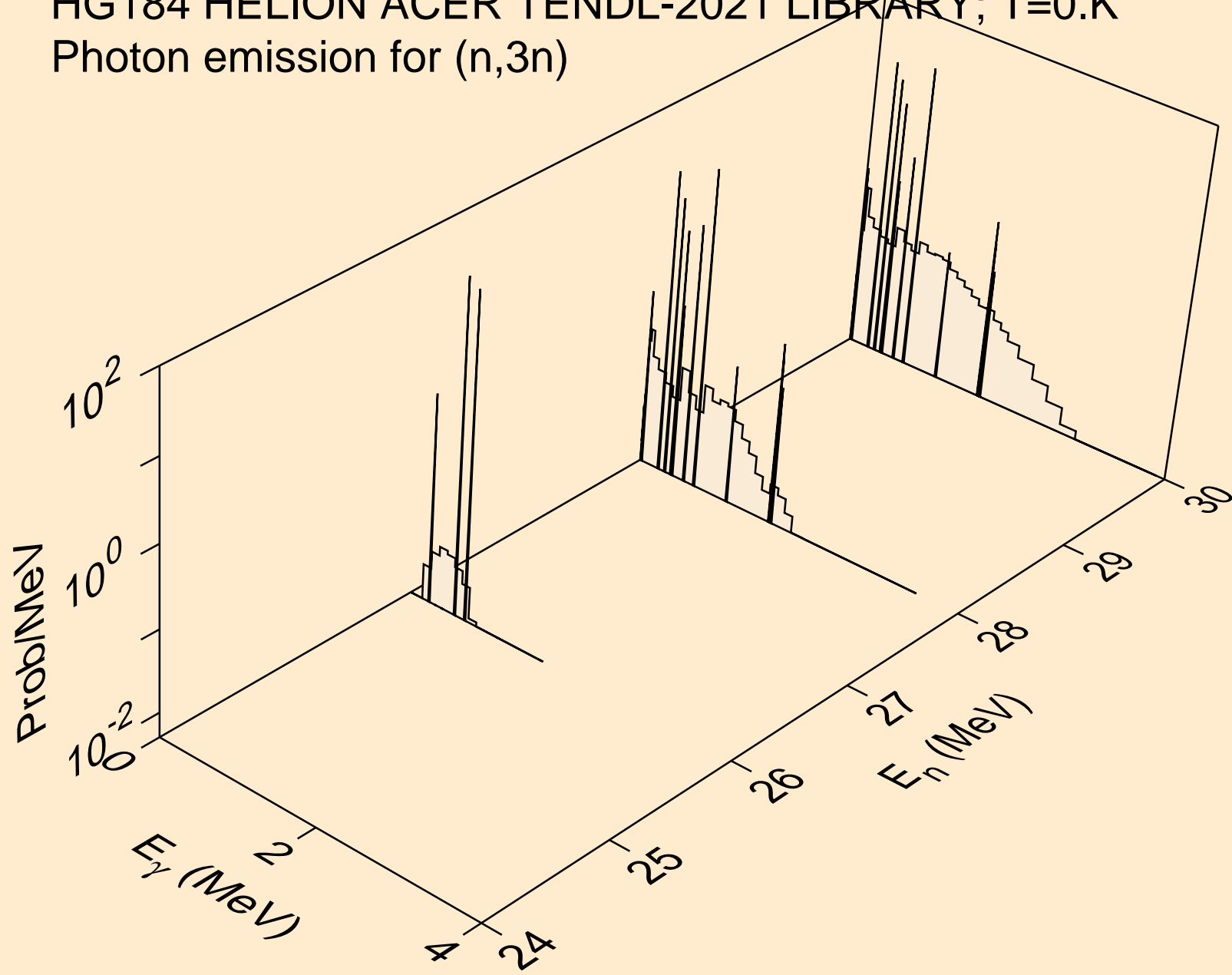
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



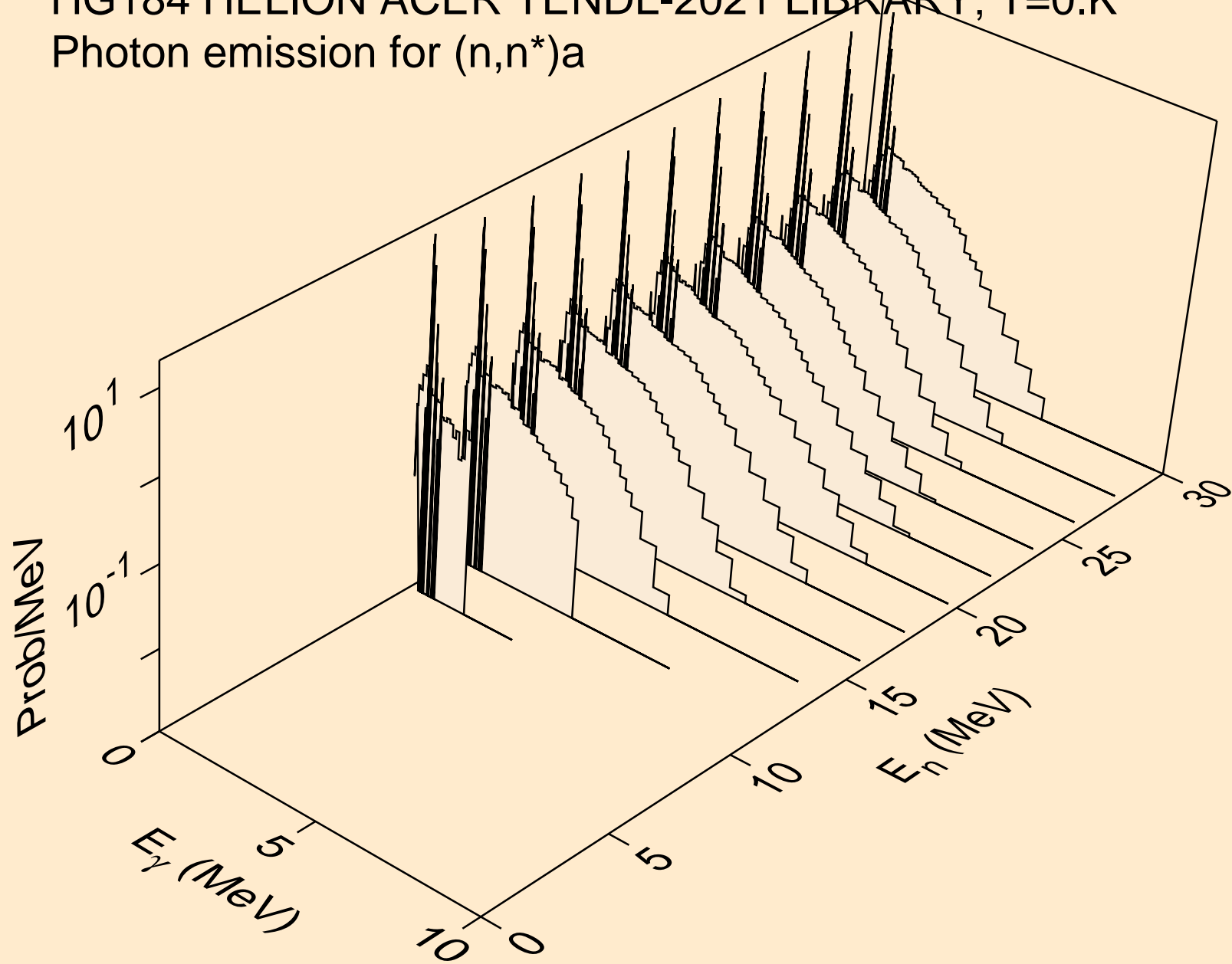
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



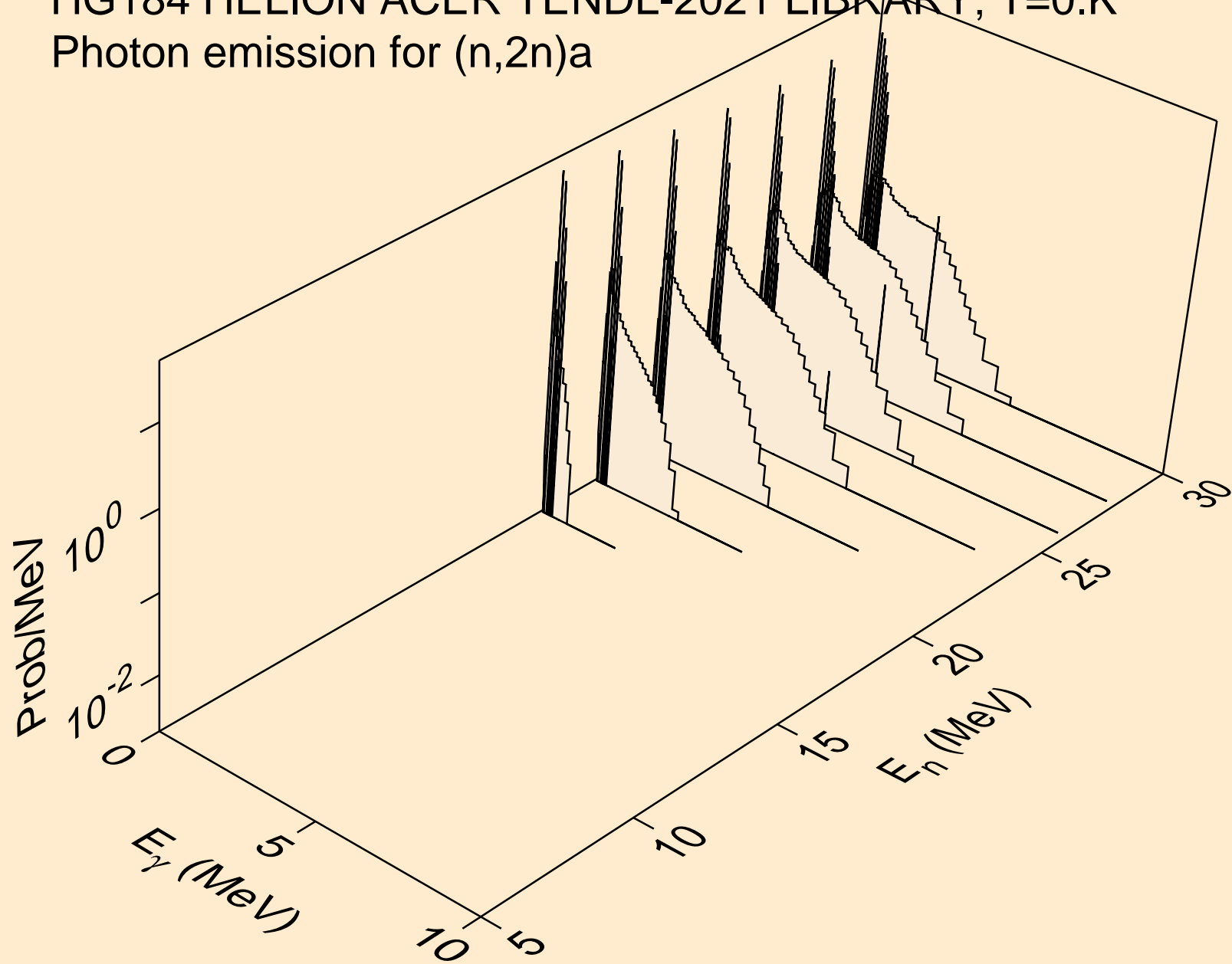
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



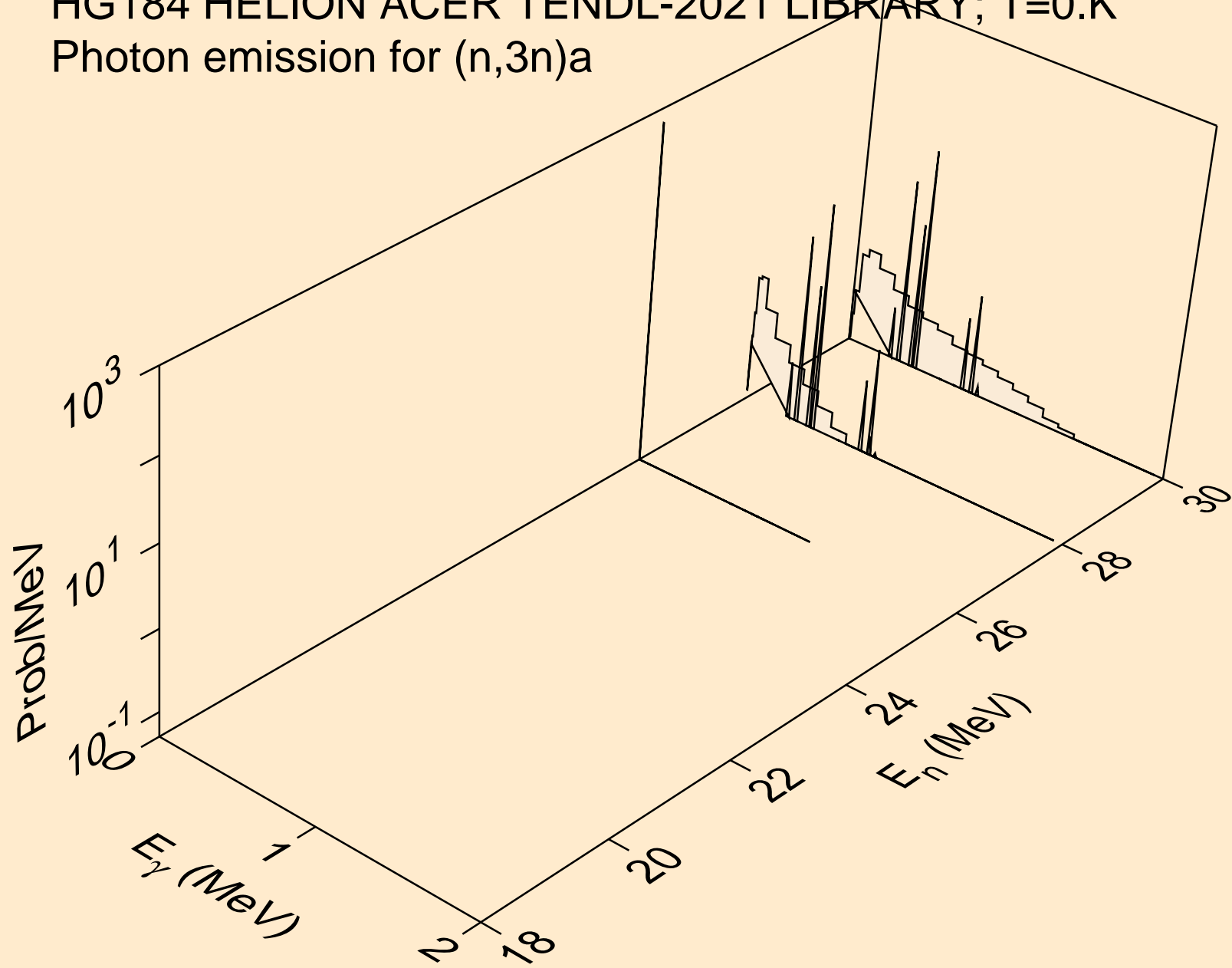
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

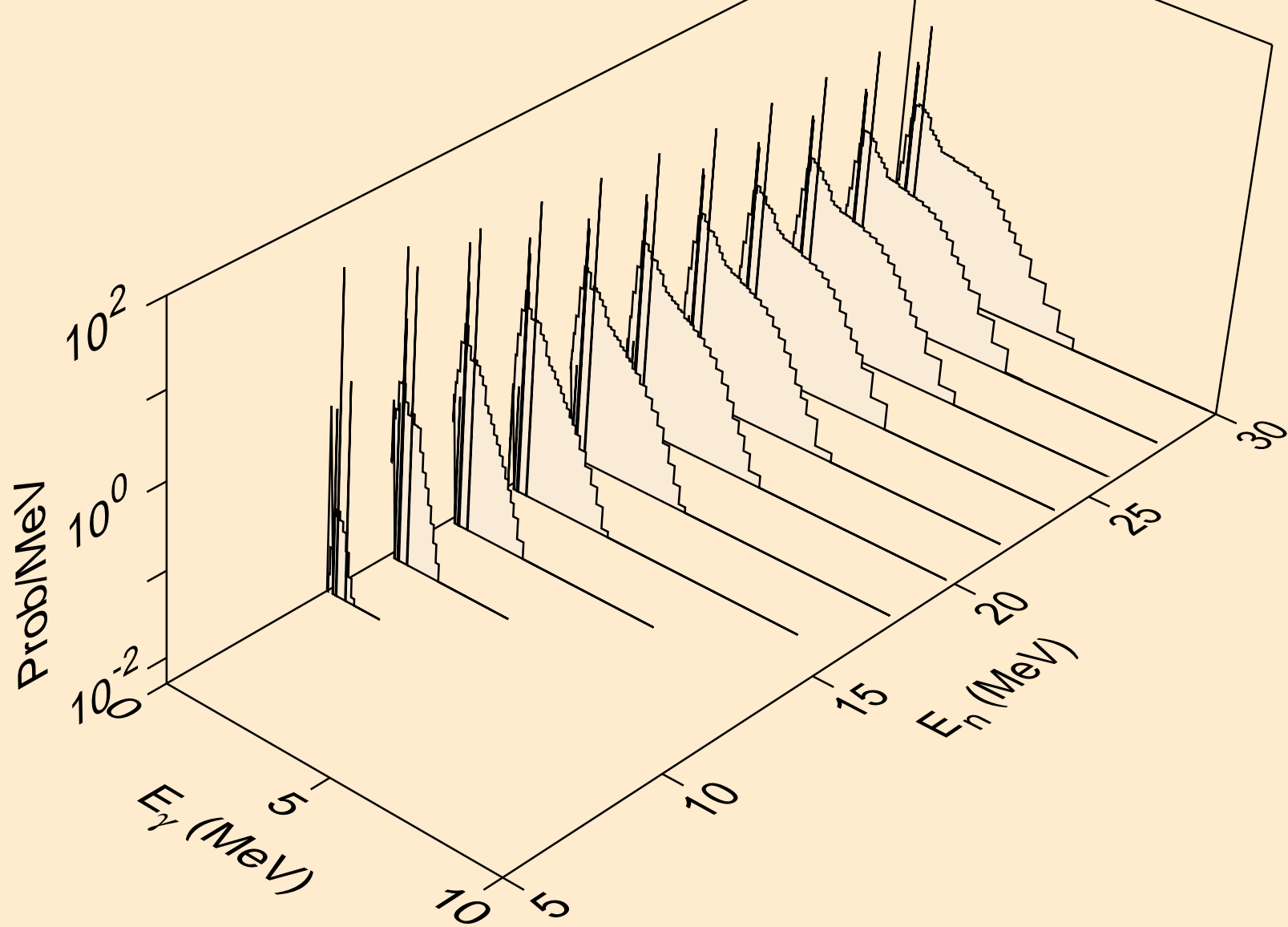


HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a

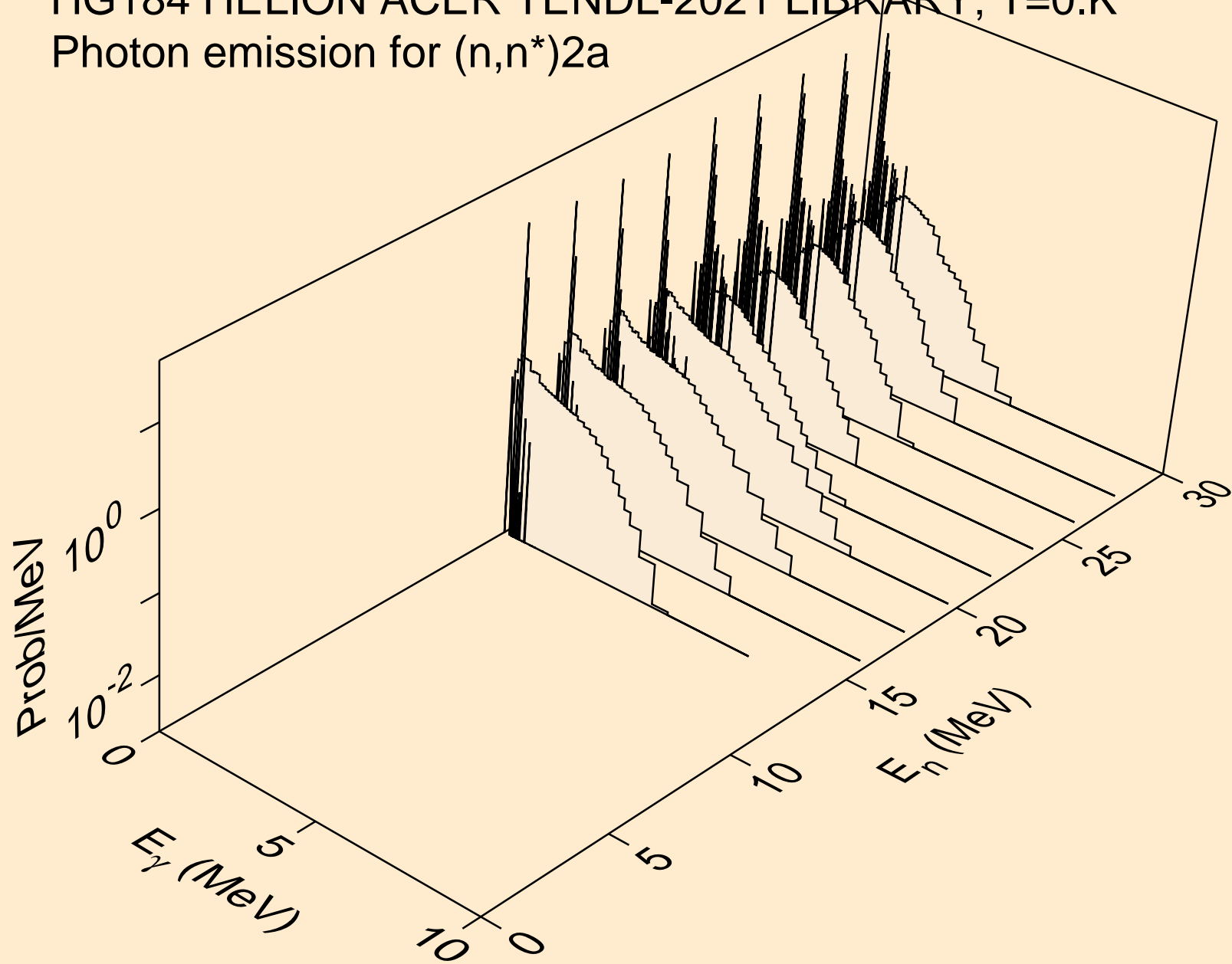




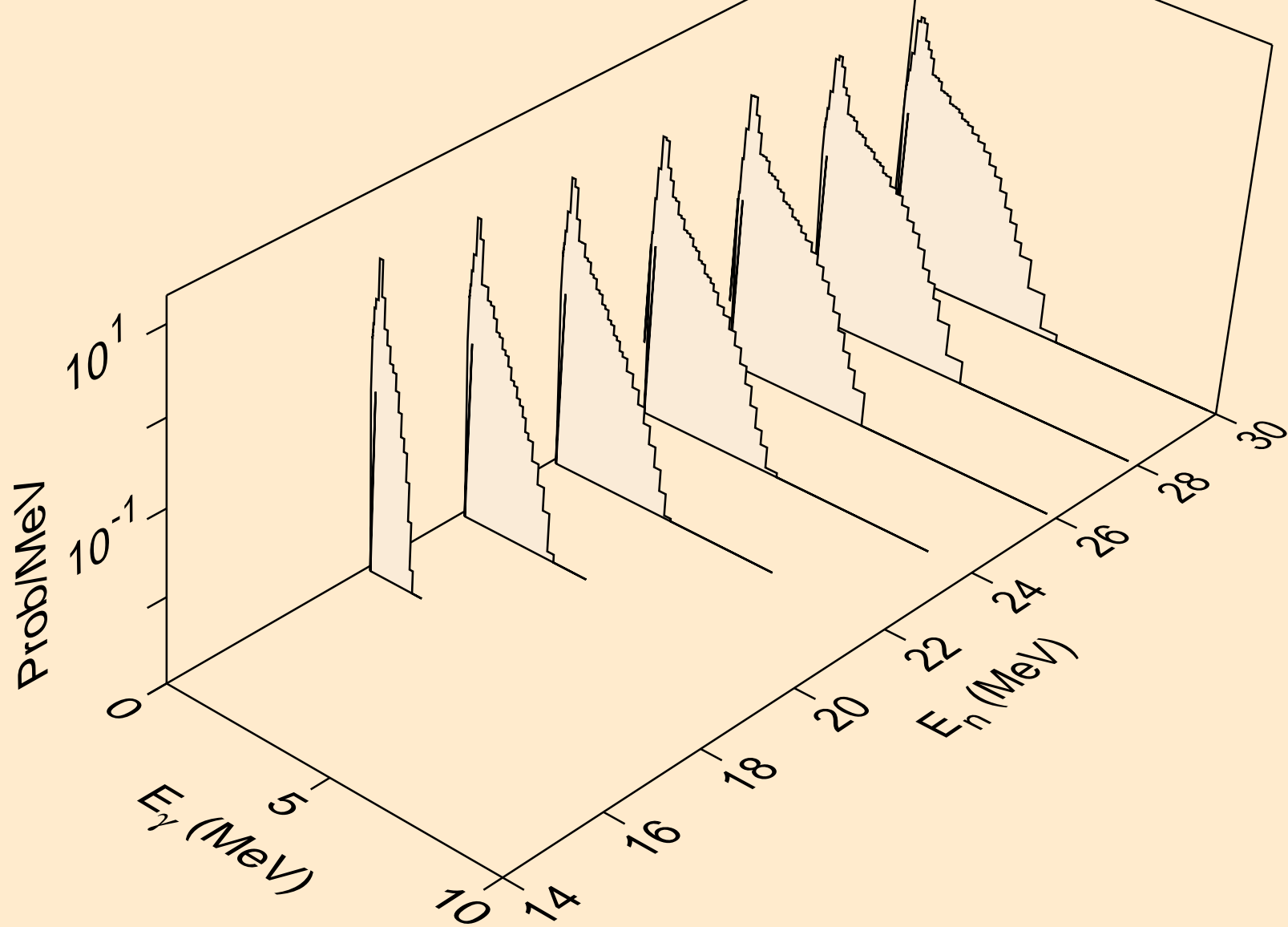
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



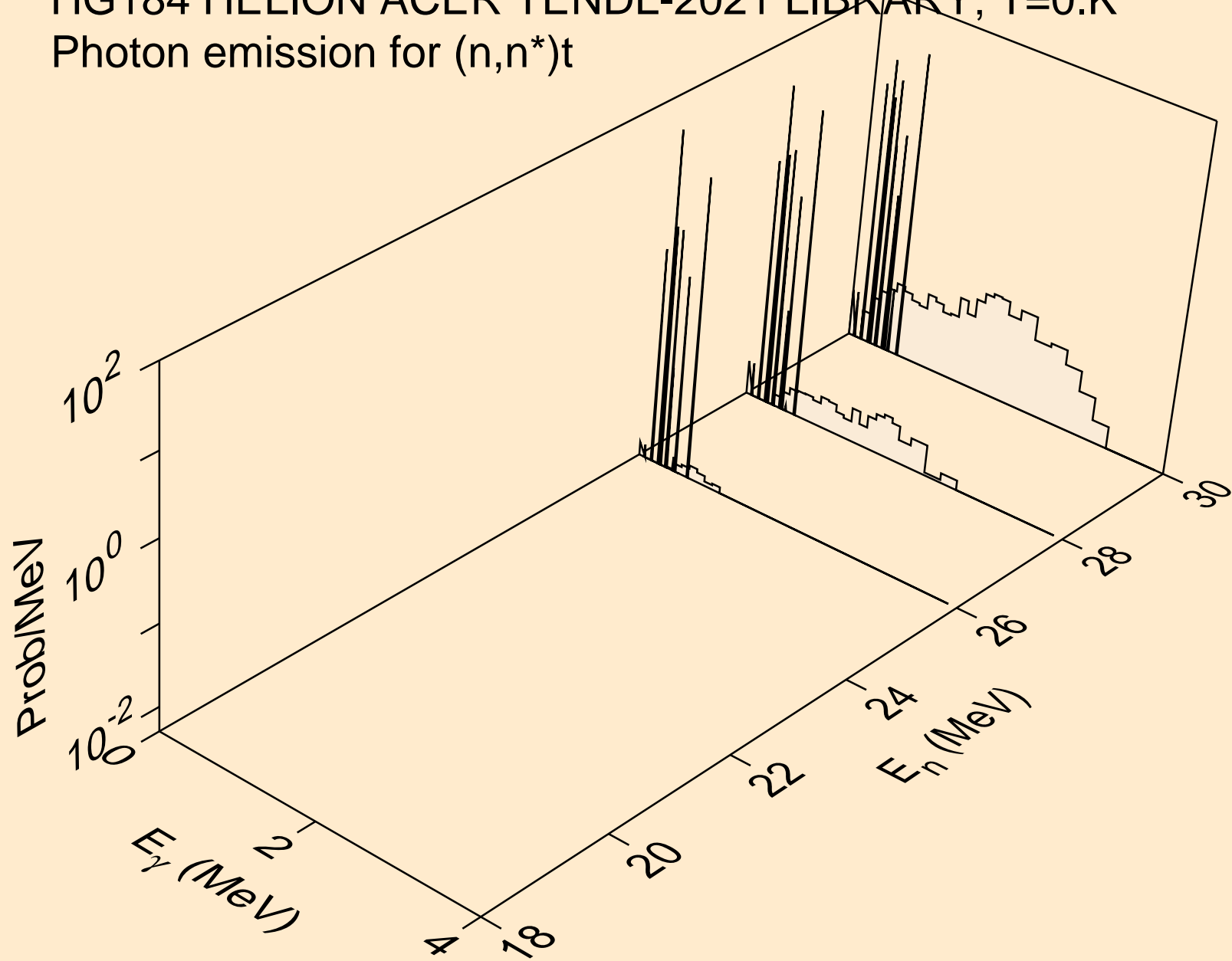
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



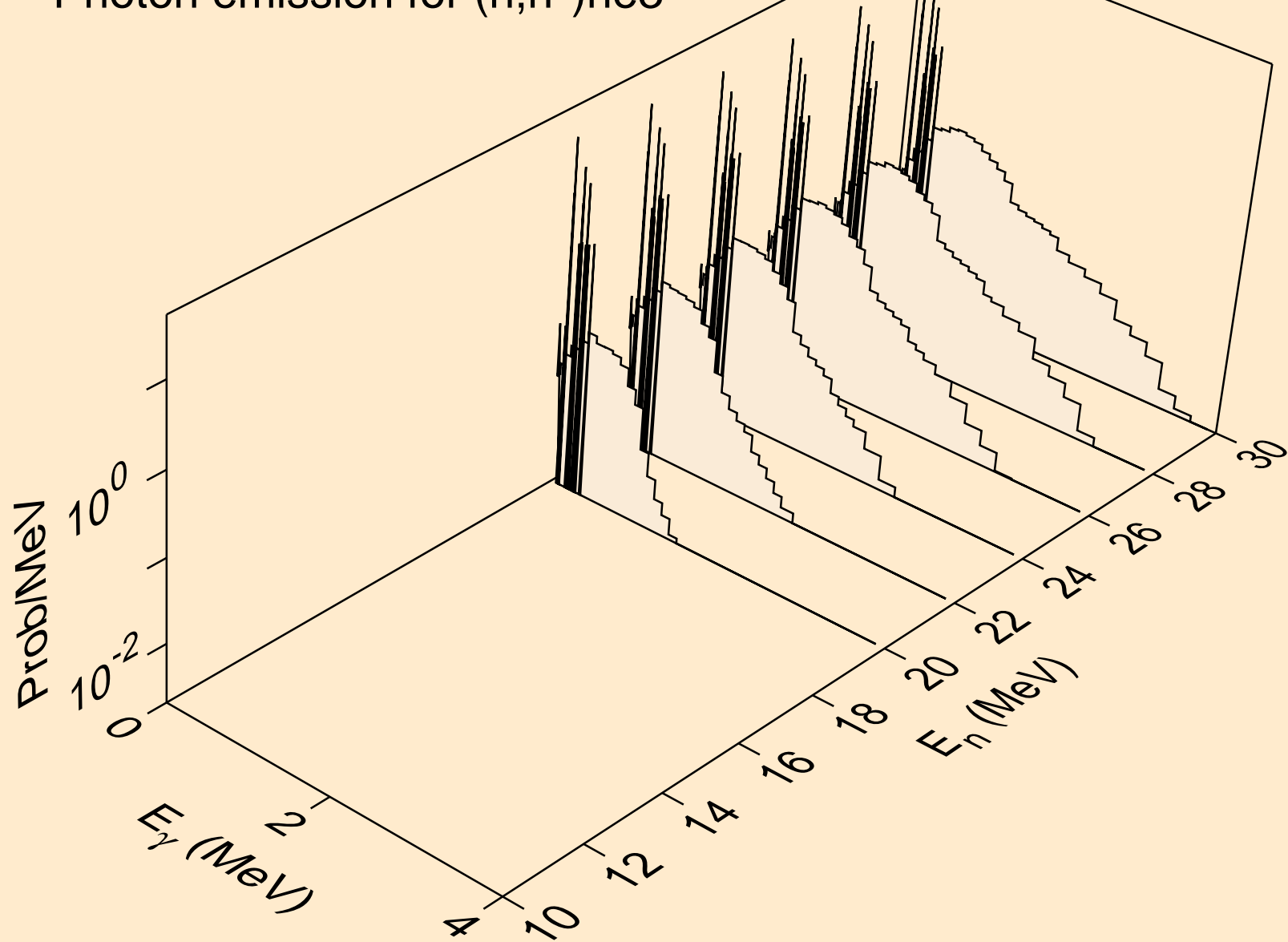
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



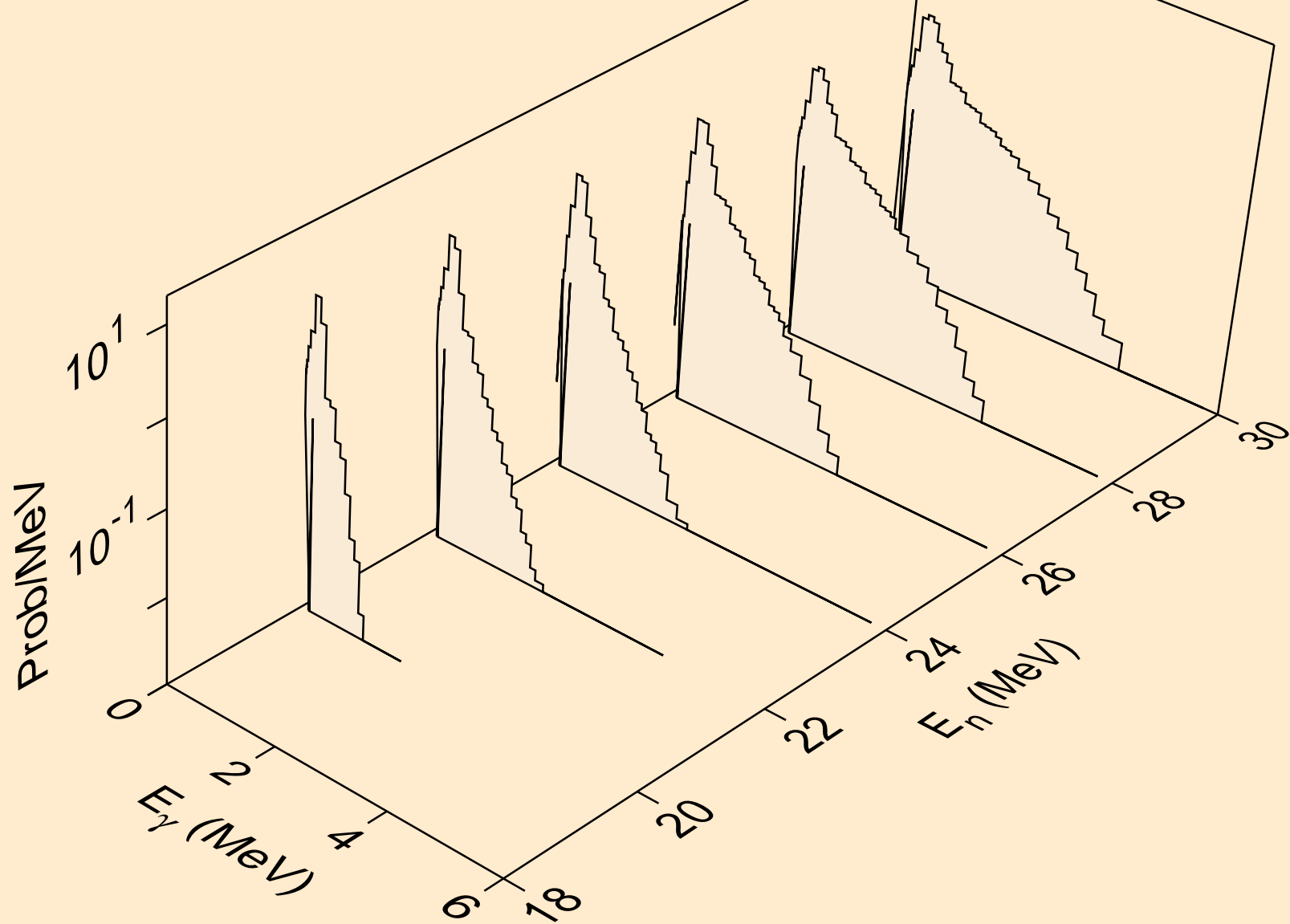
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



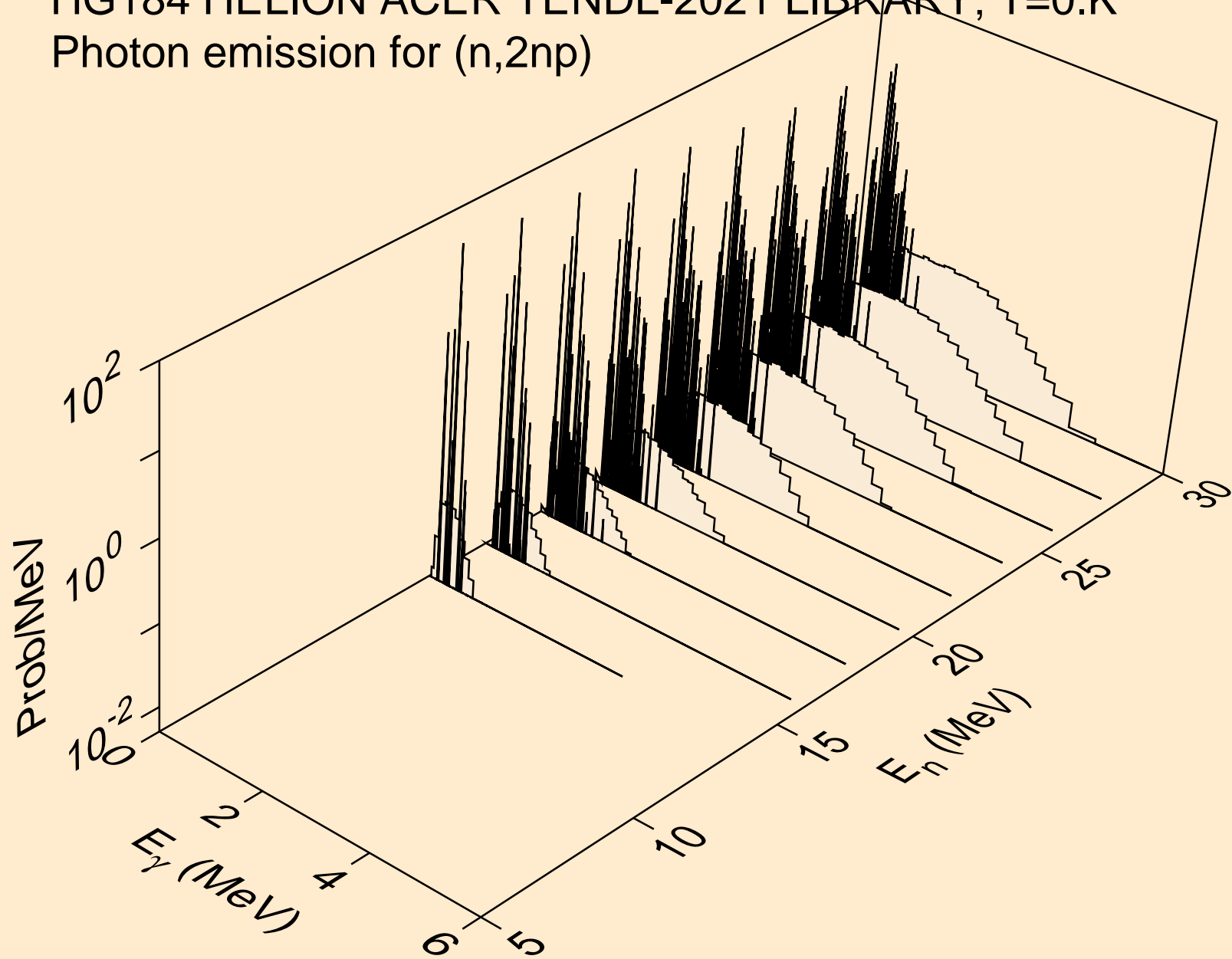
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



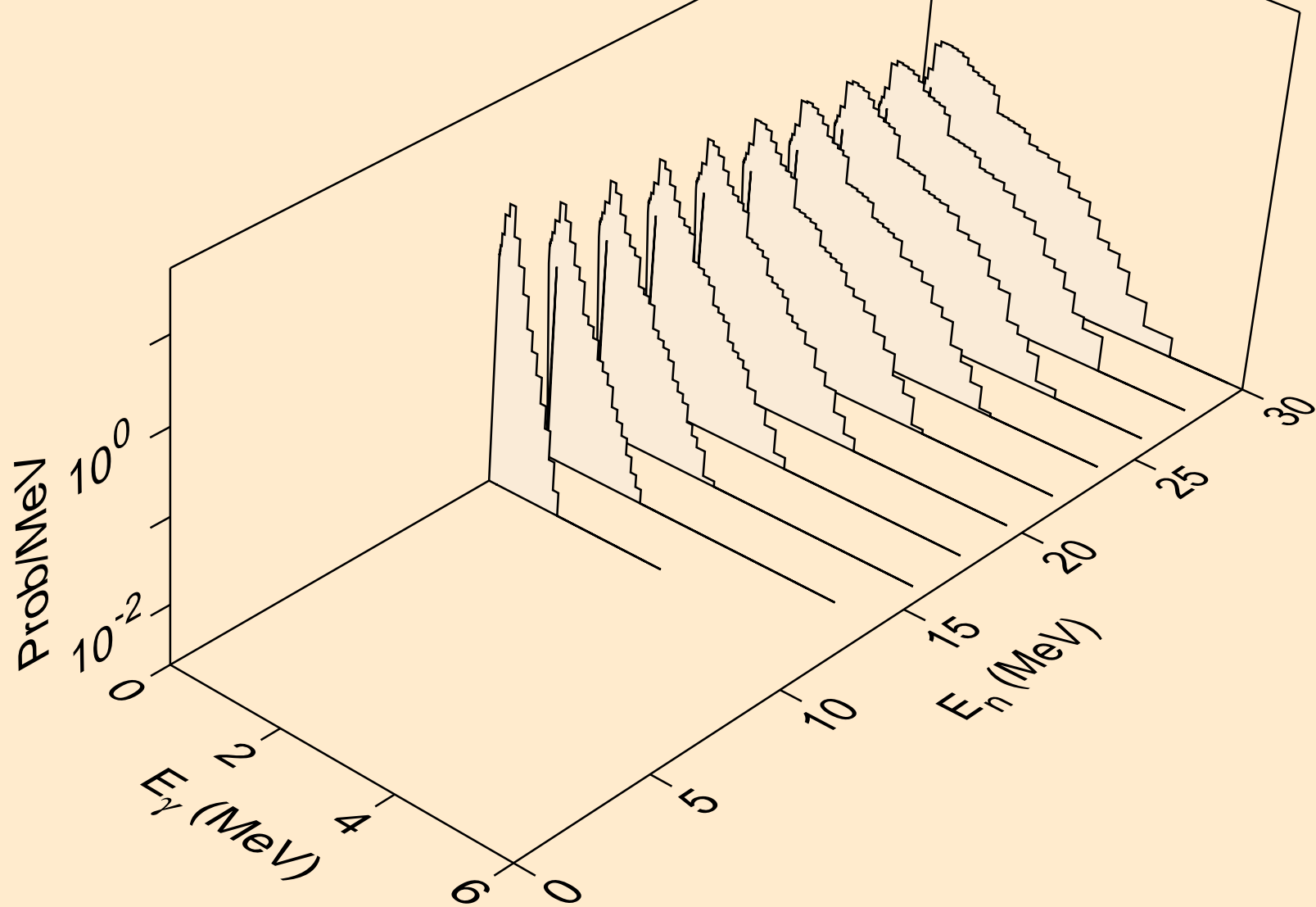
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

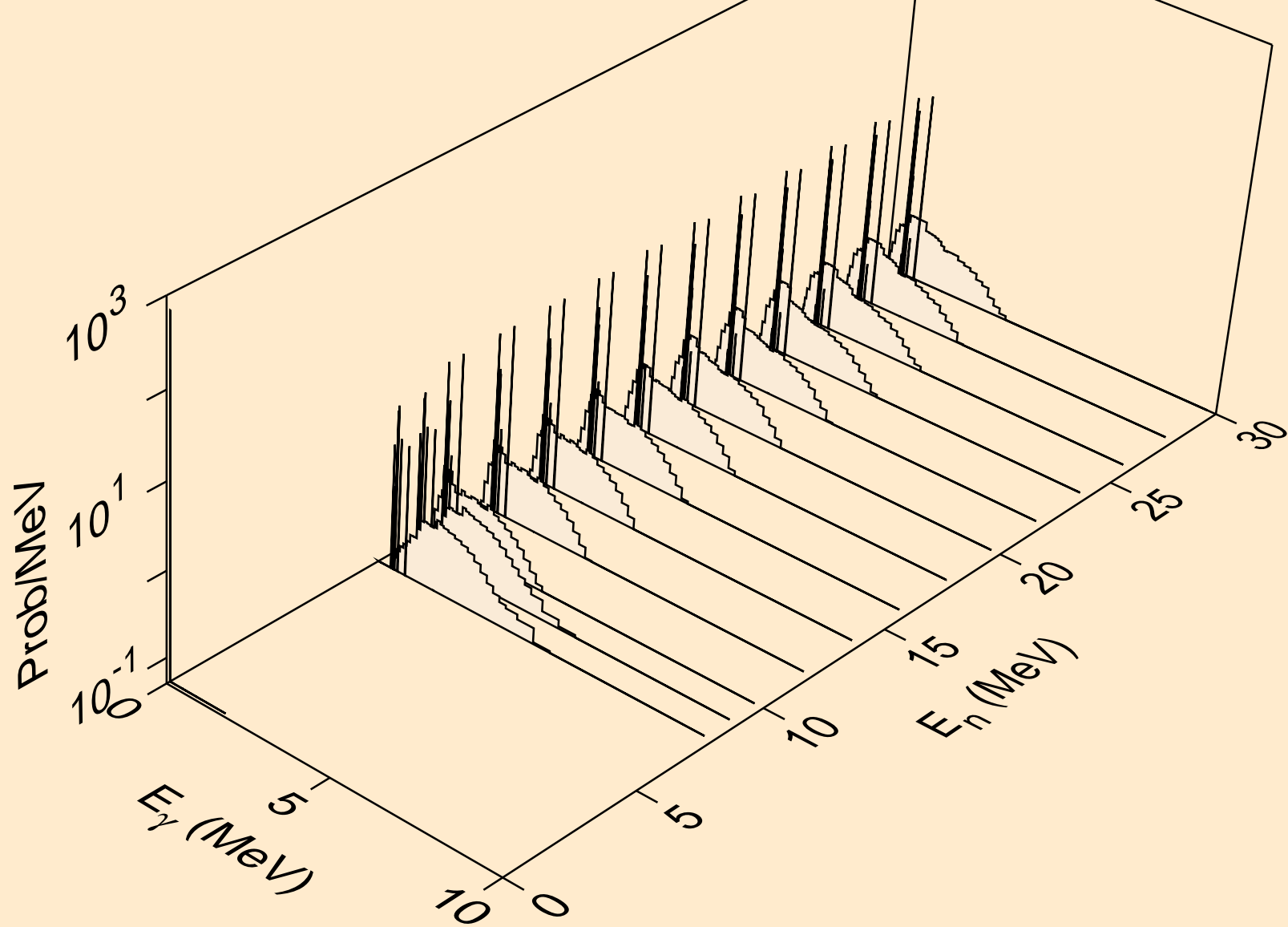


HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

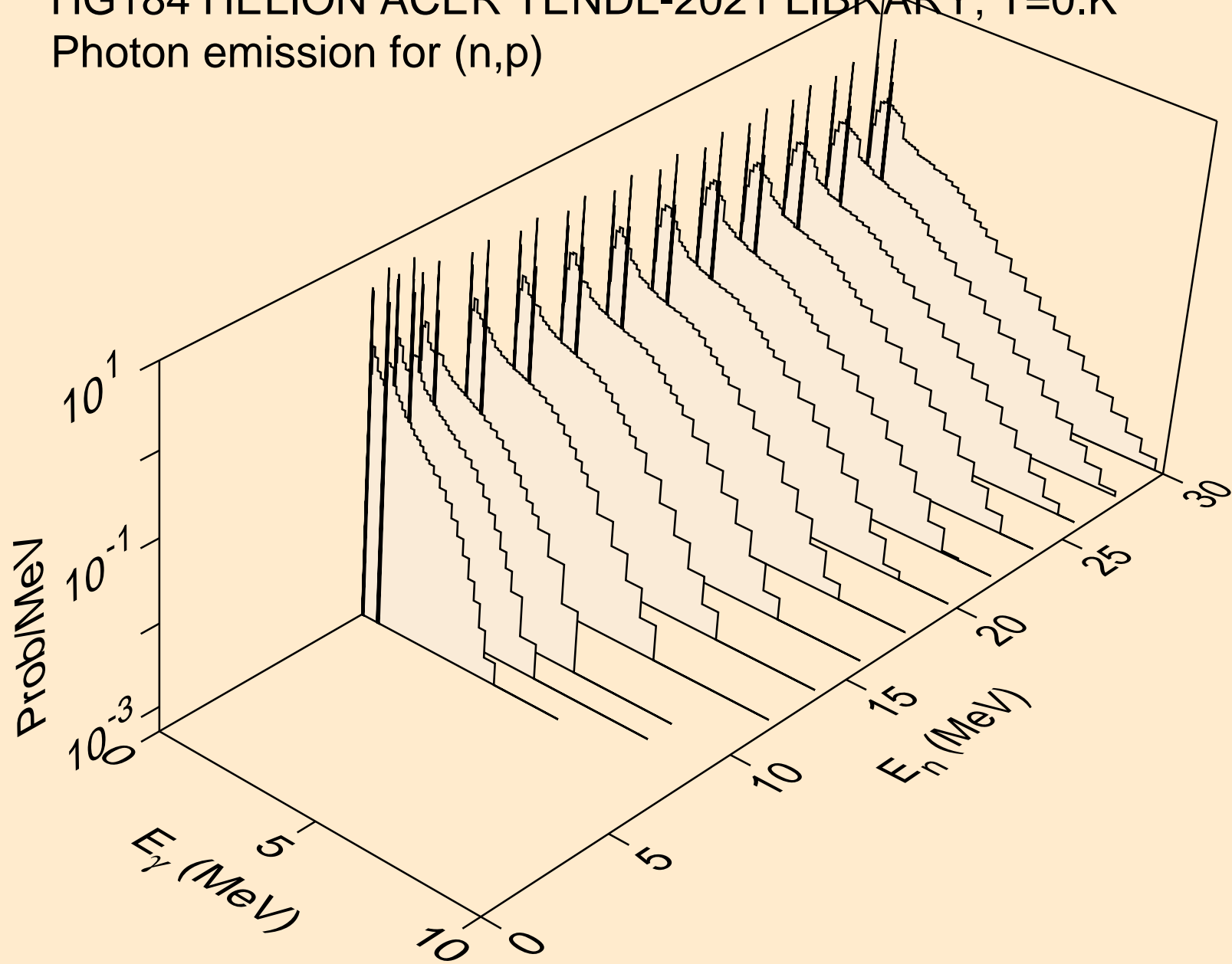




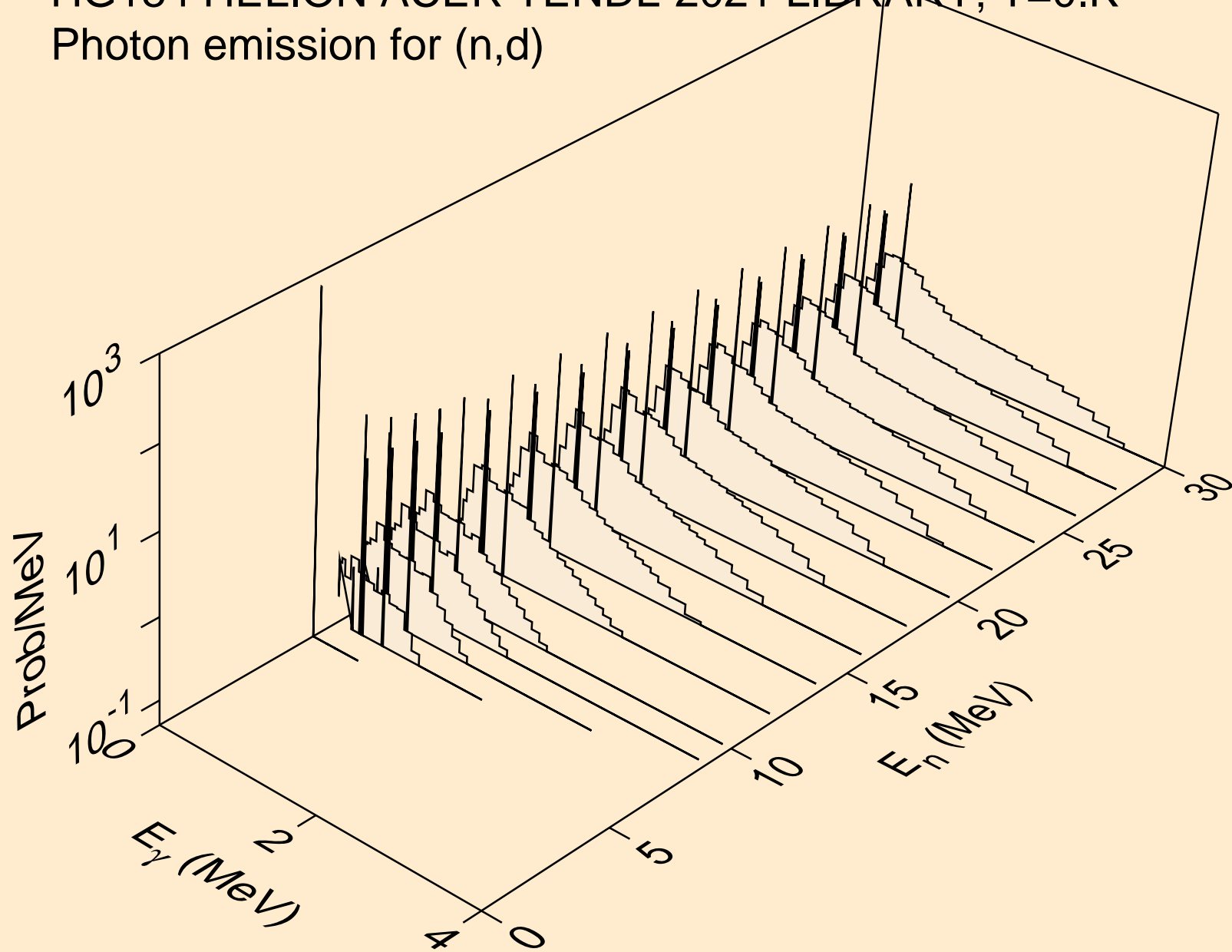
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



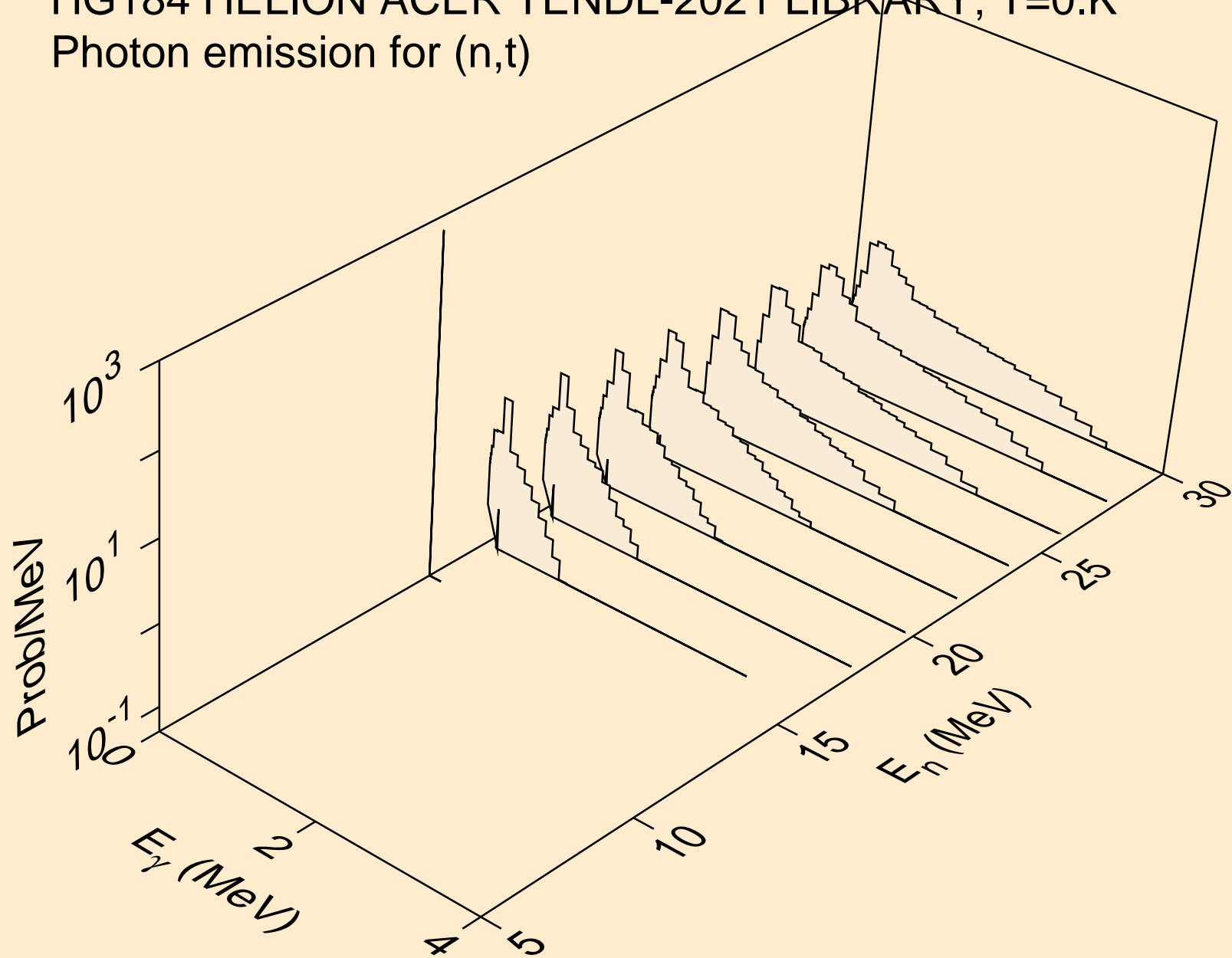
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



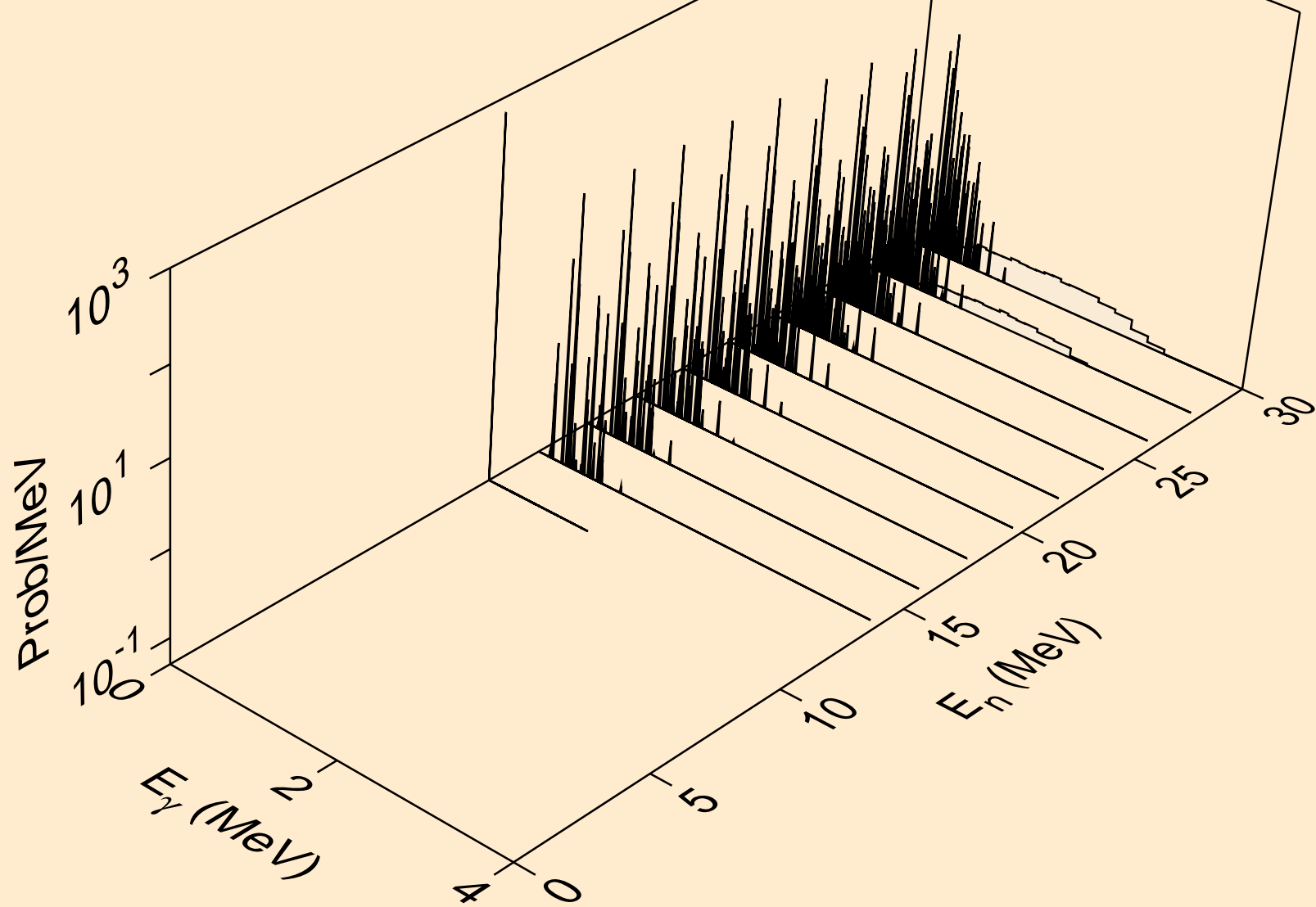
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



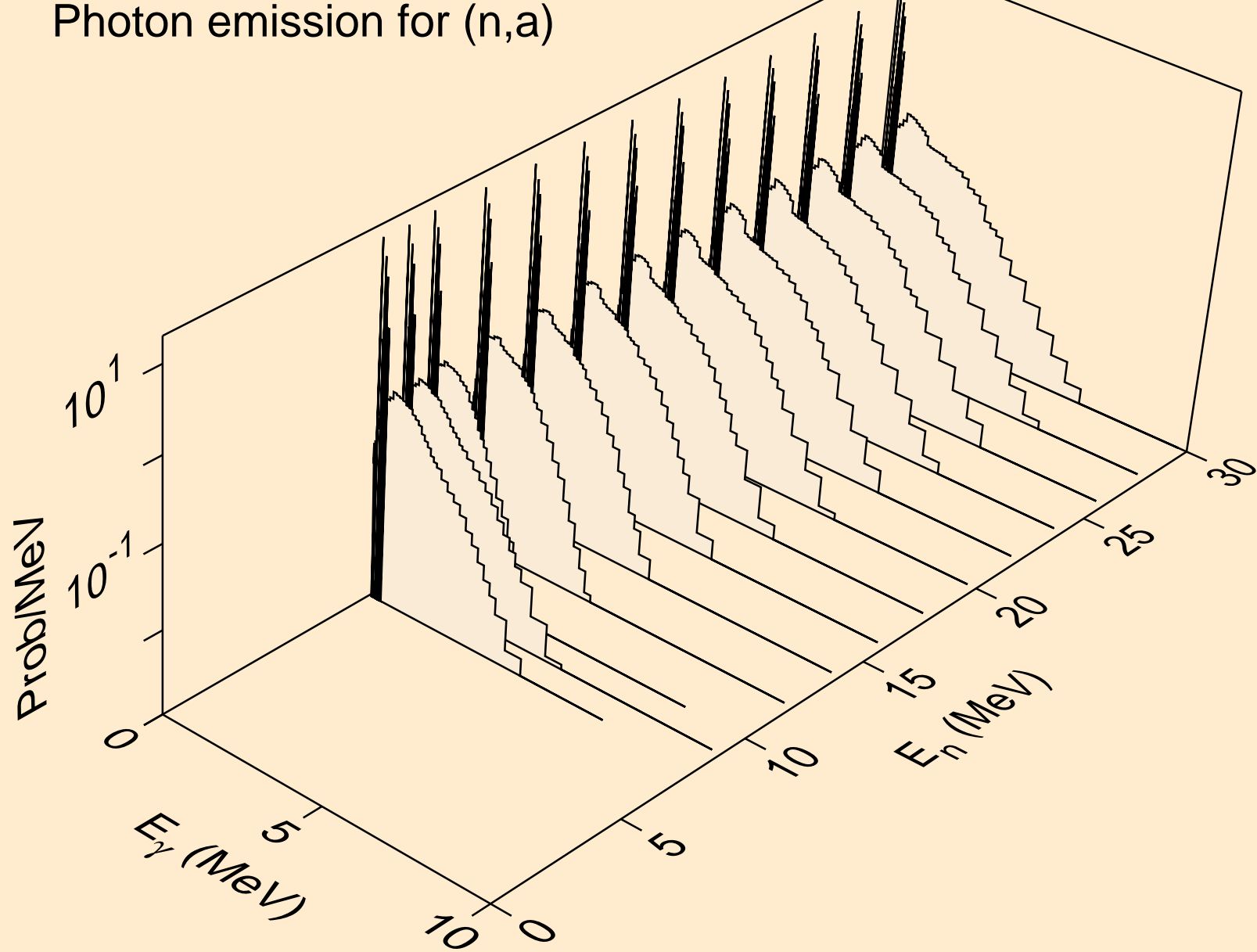
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



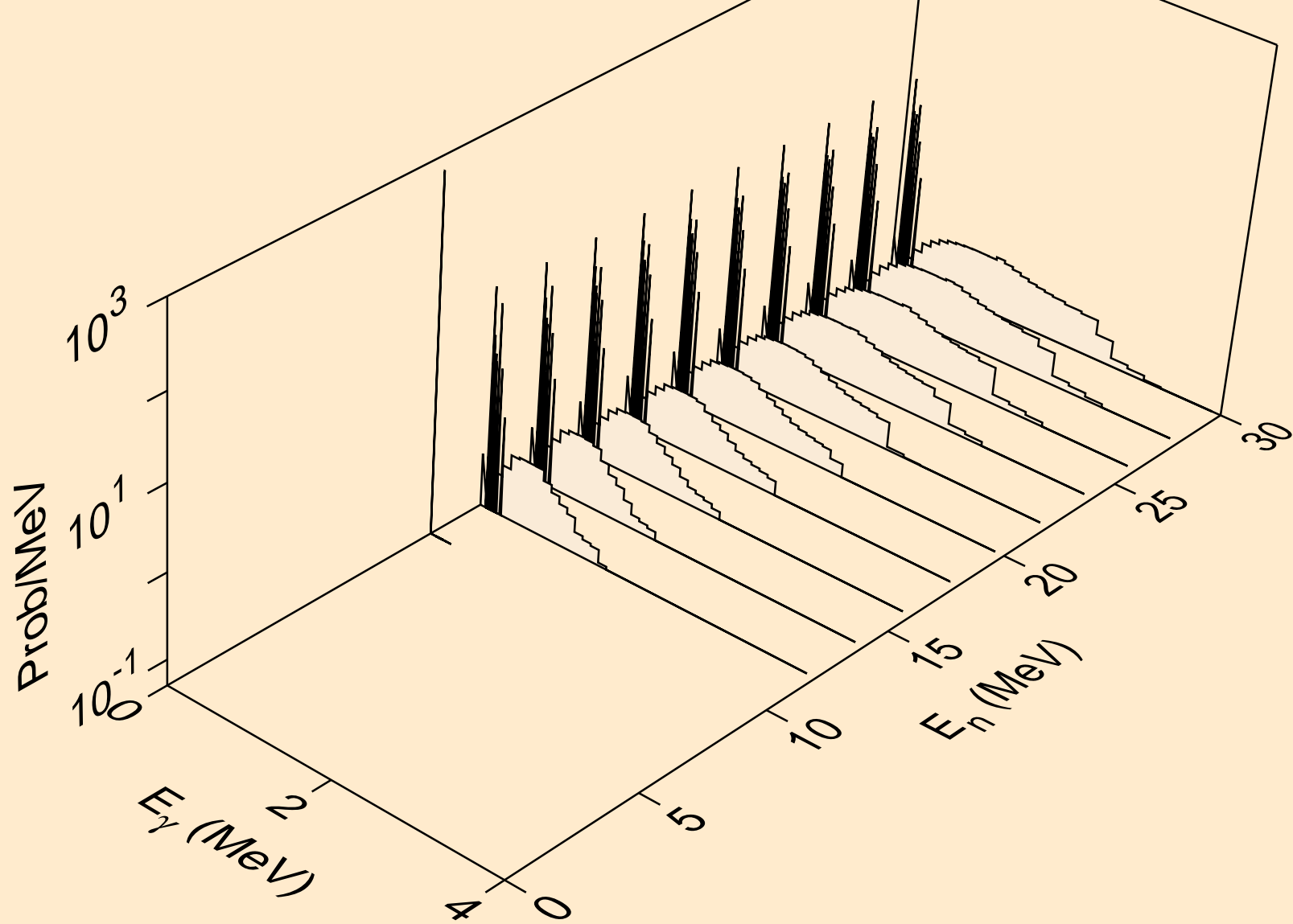
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



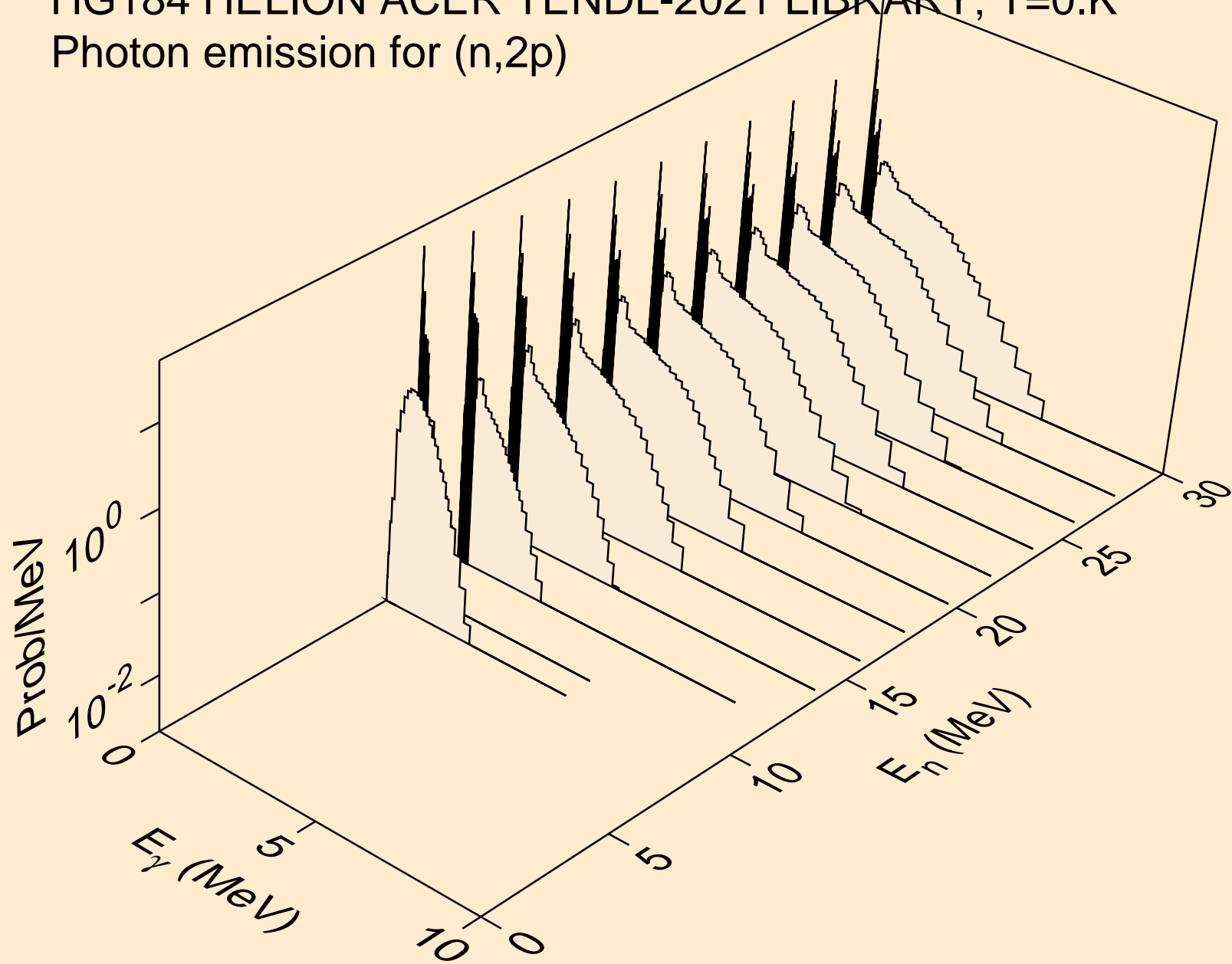
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

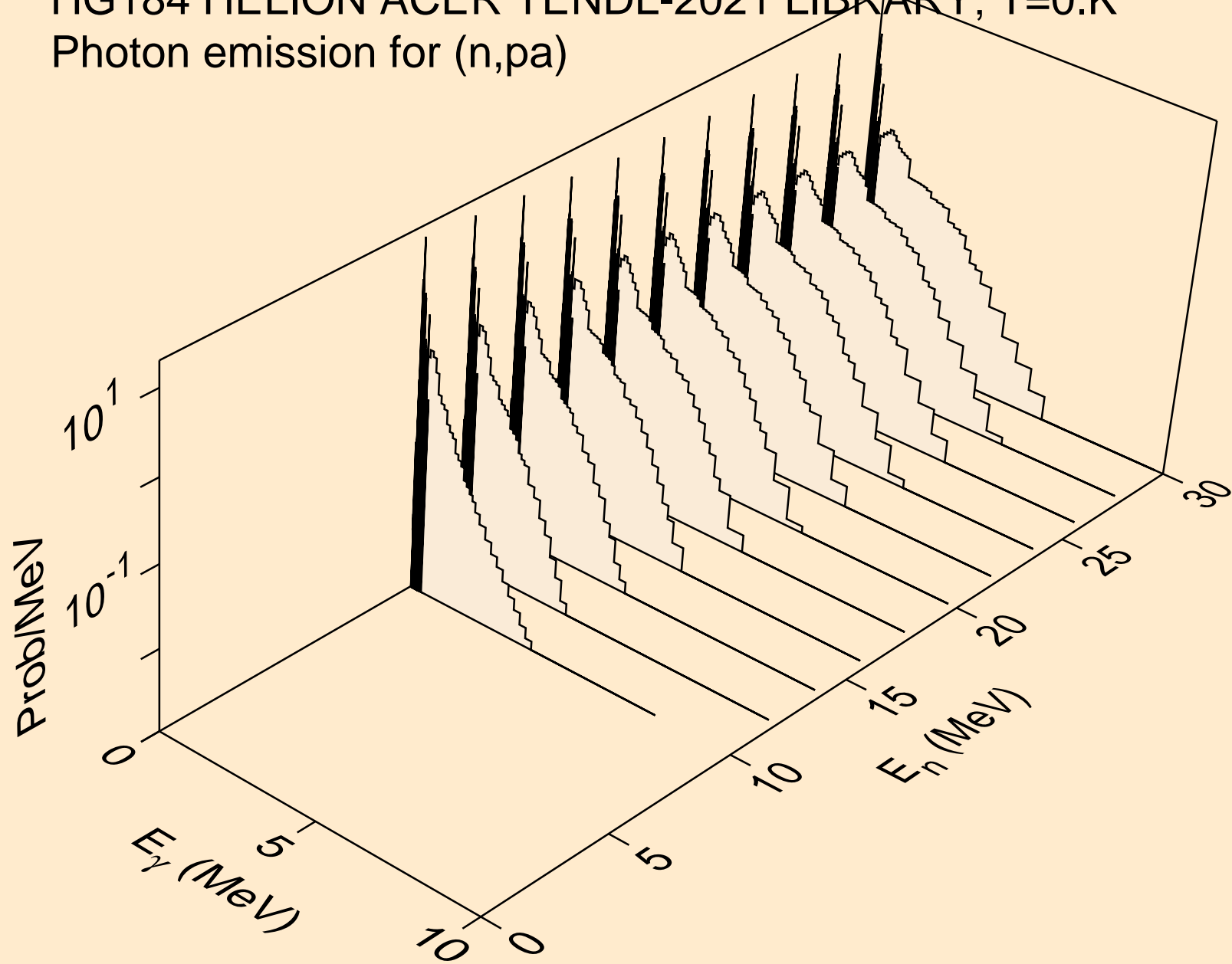


HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

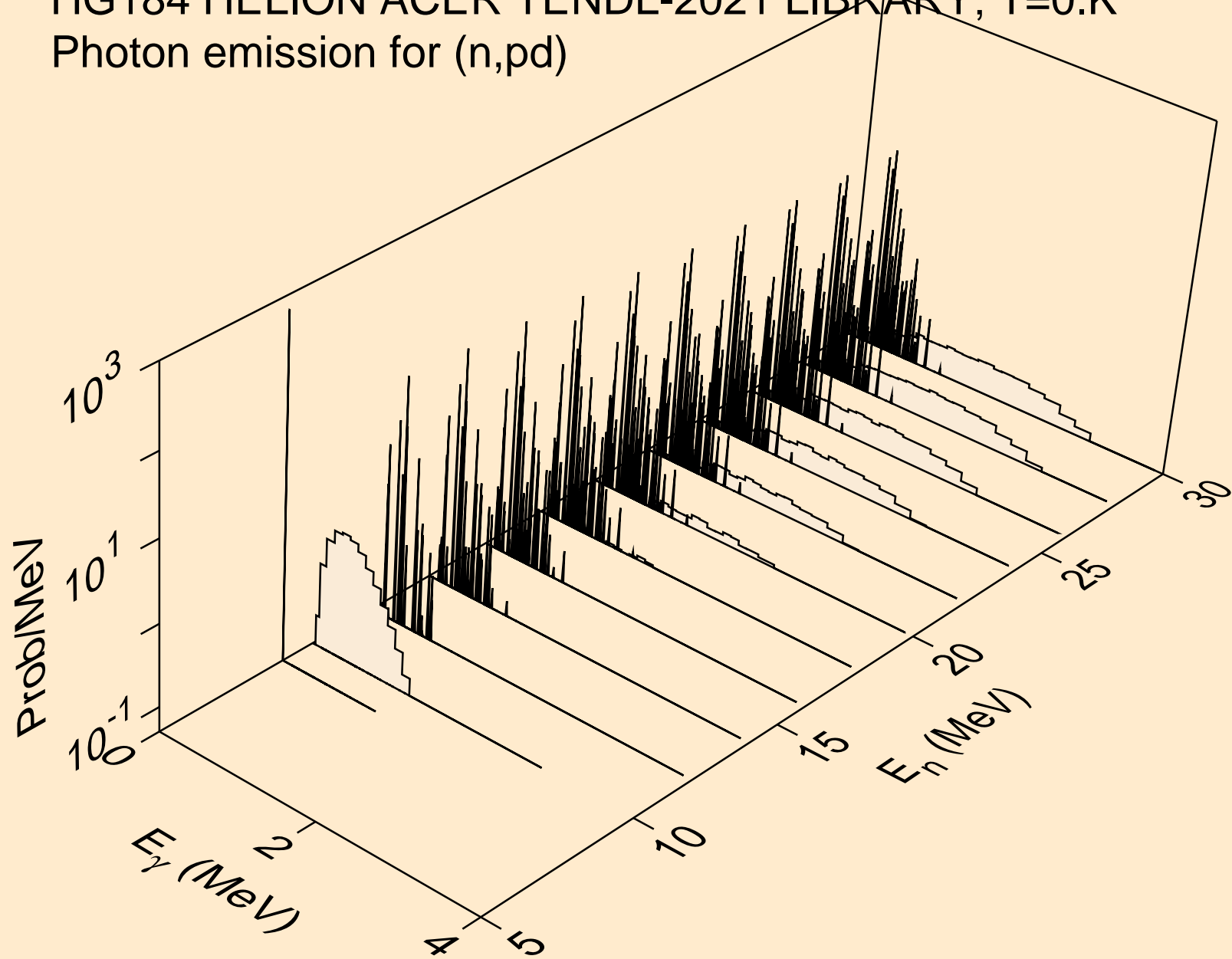




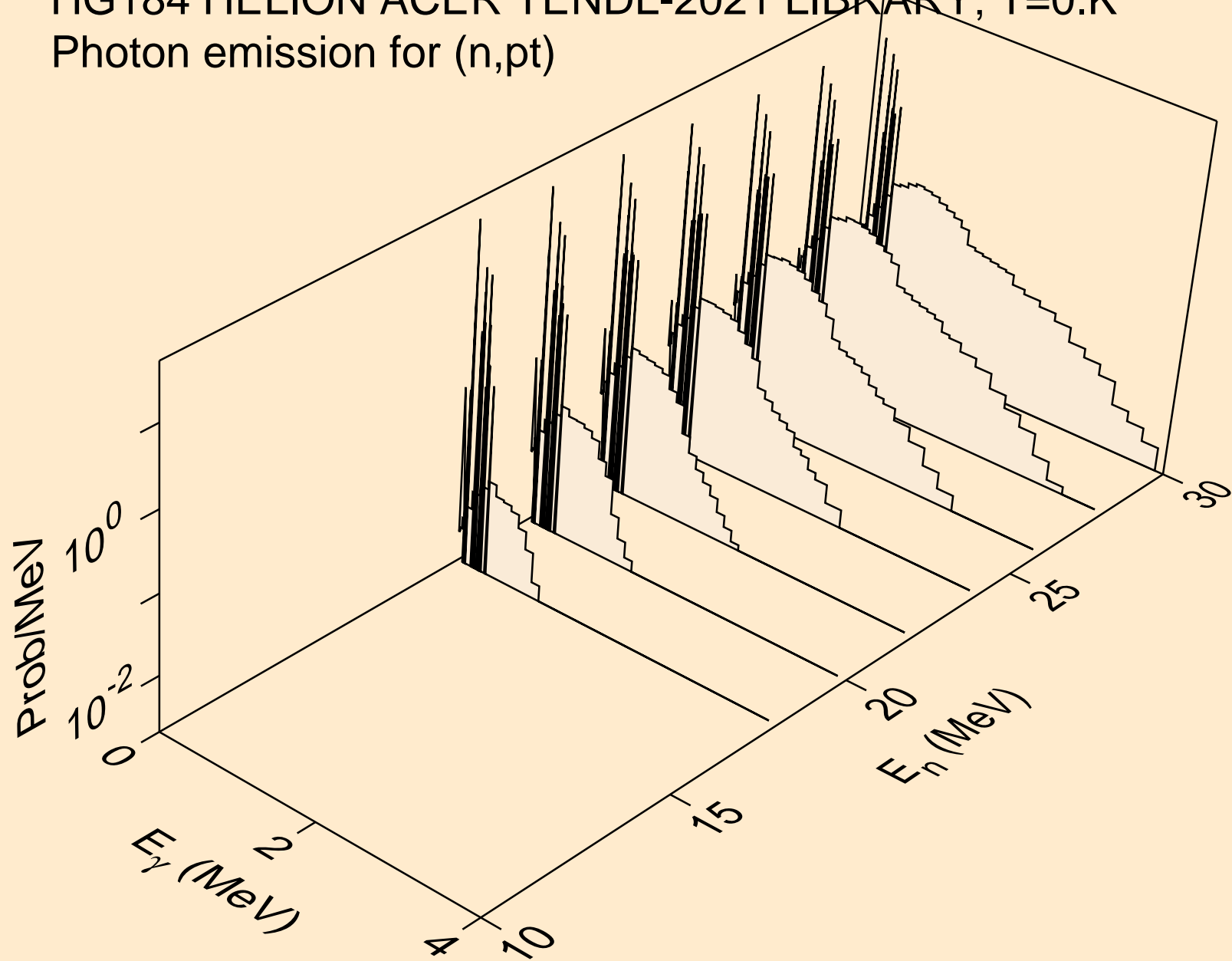
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



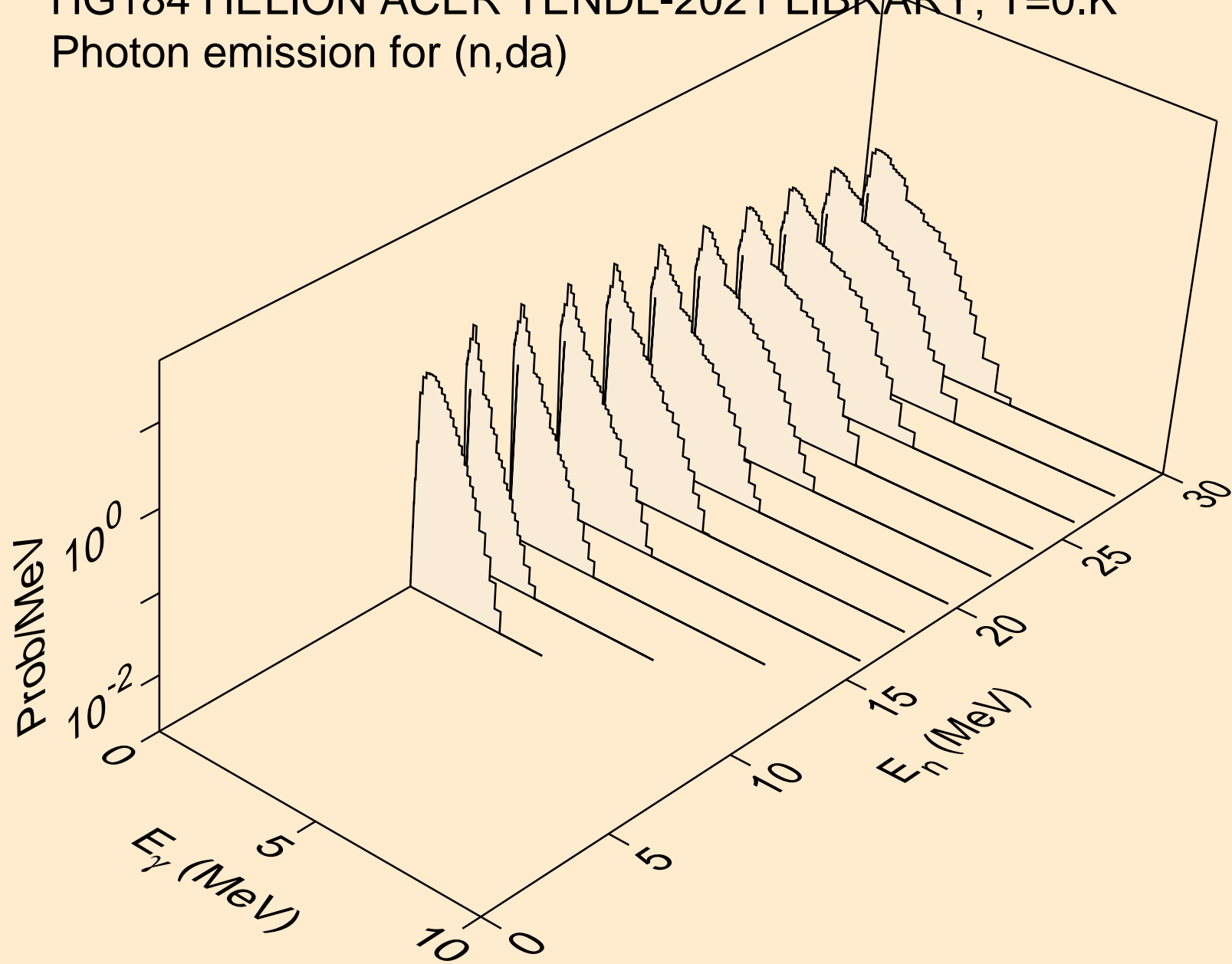
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

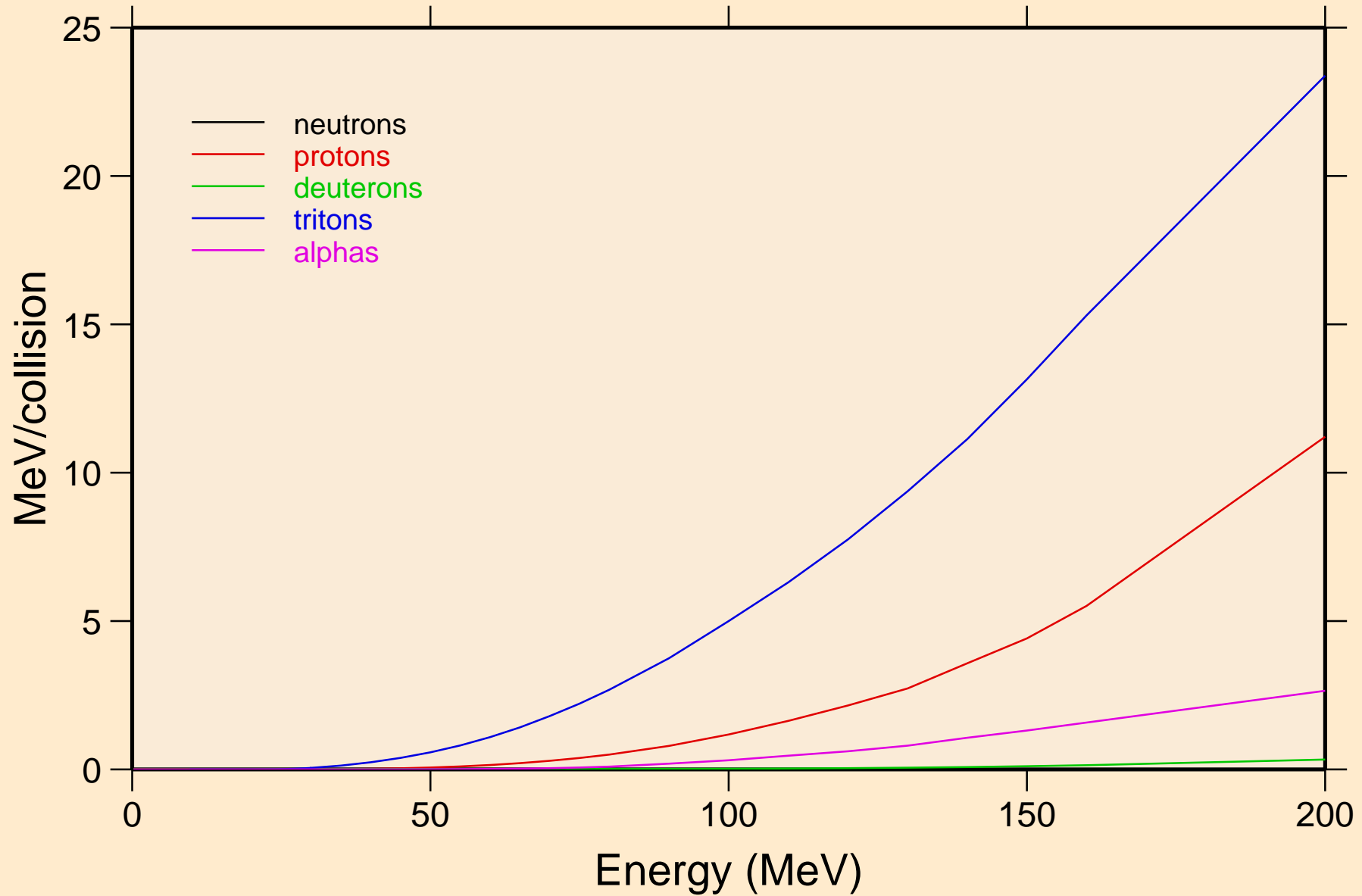


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Photon emission for (n,da)

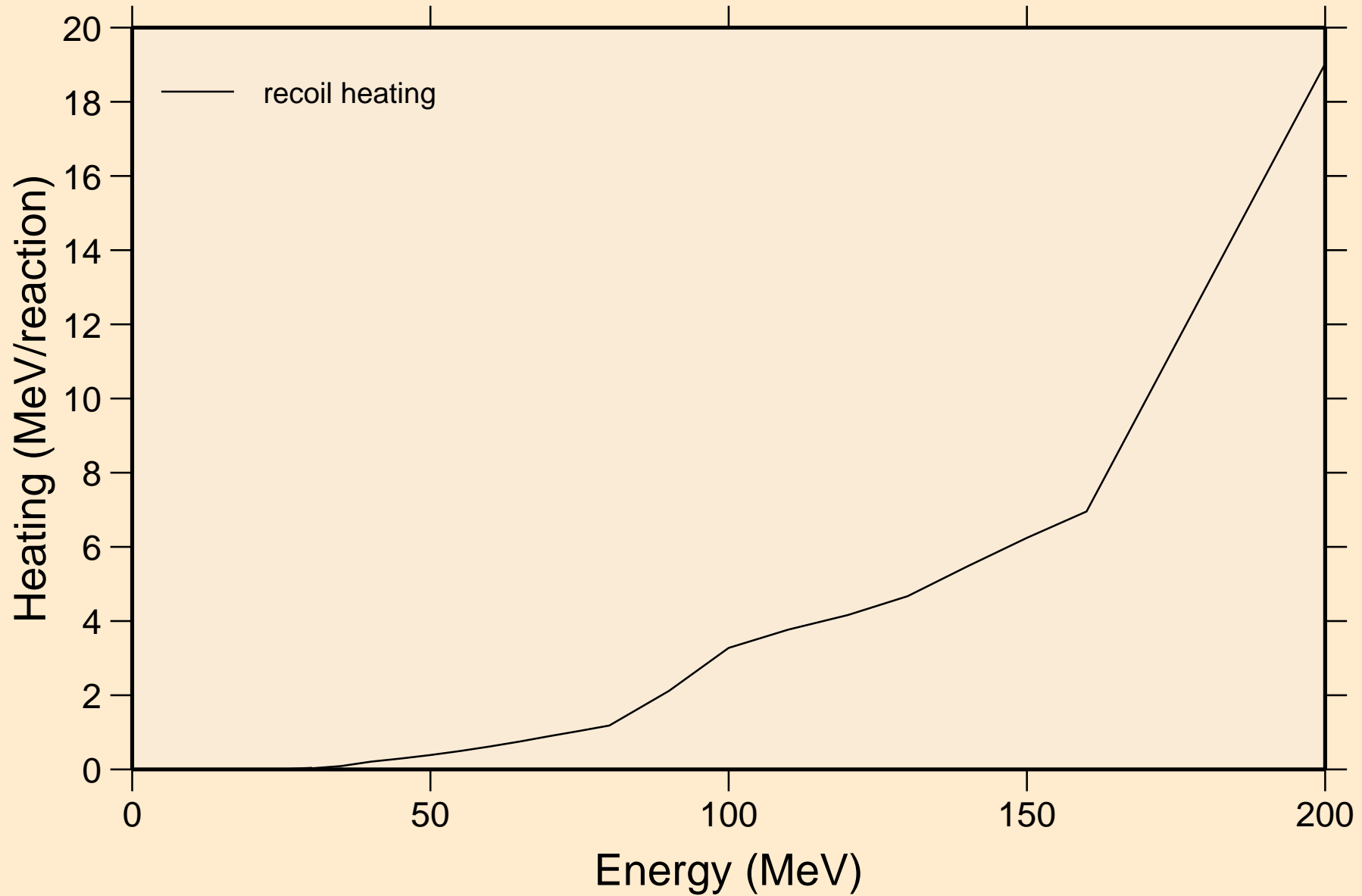


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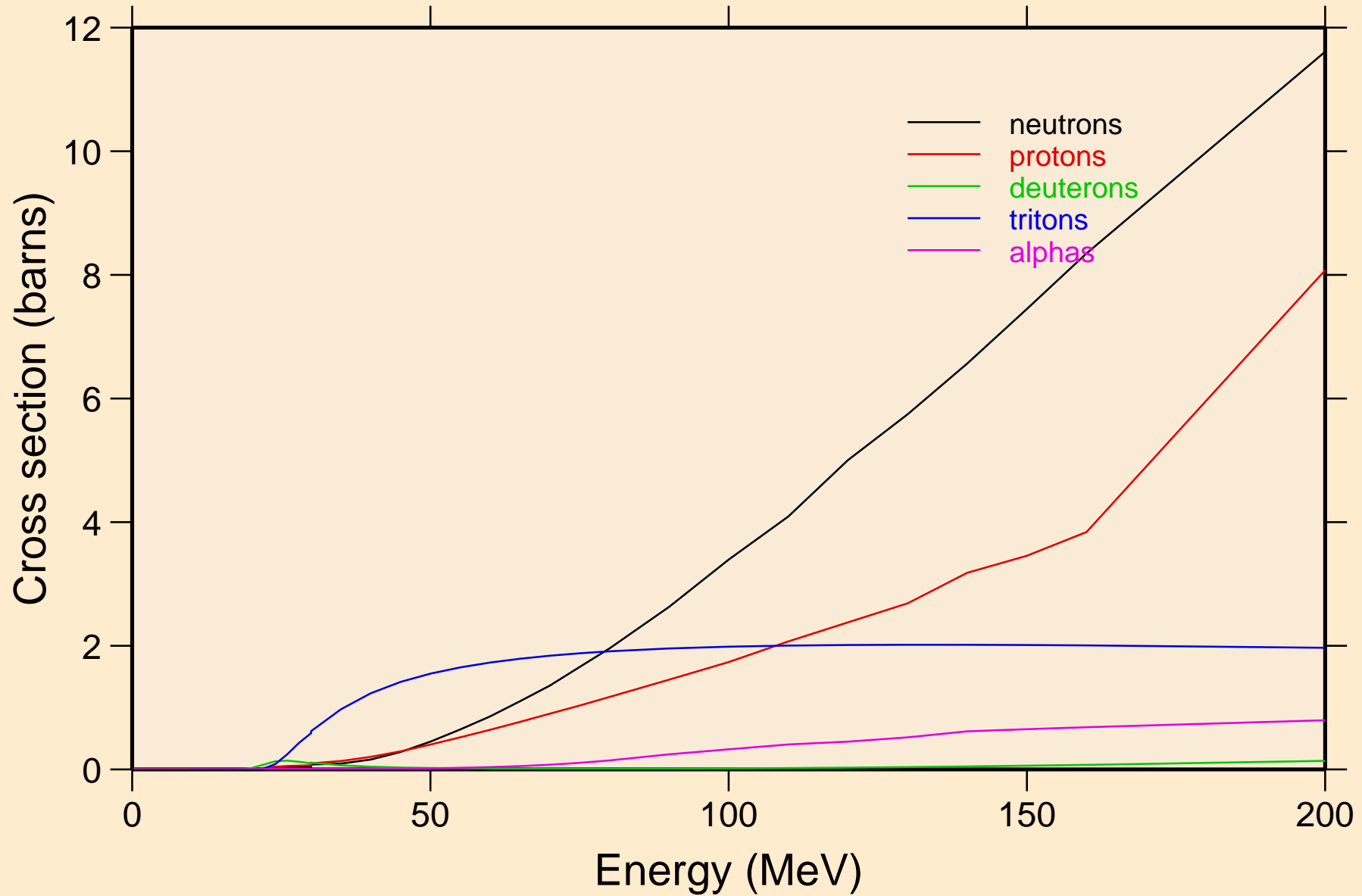
## Particle heating contributions



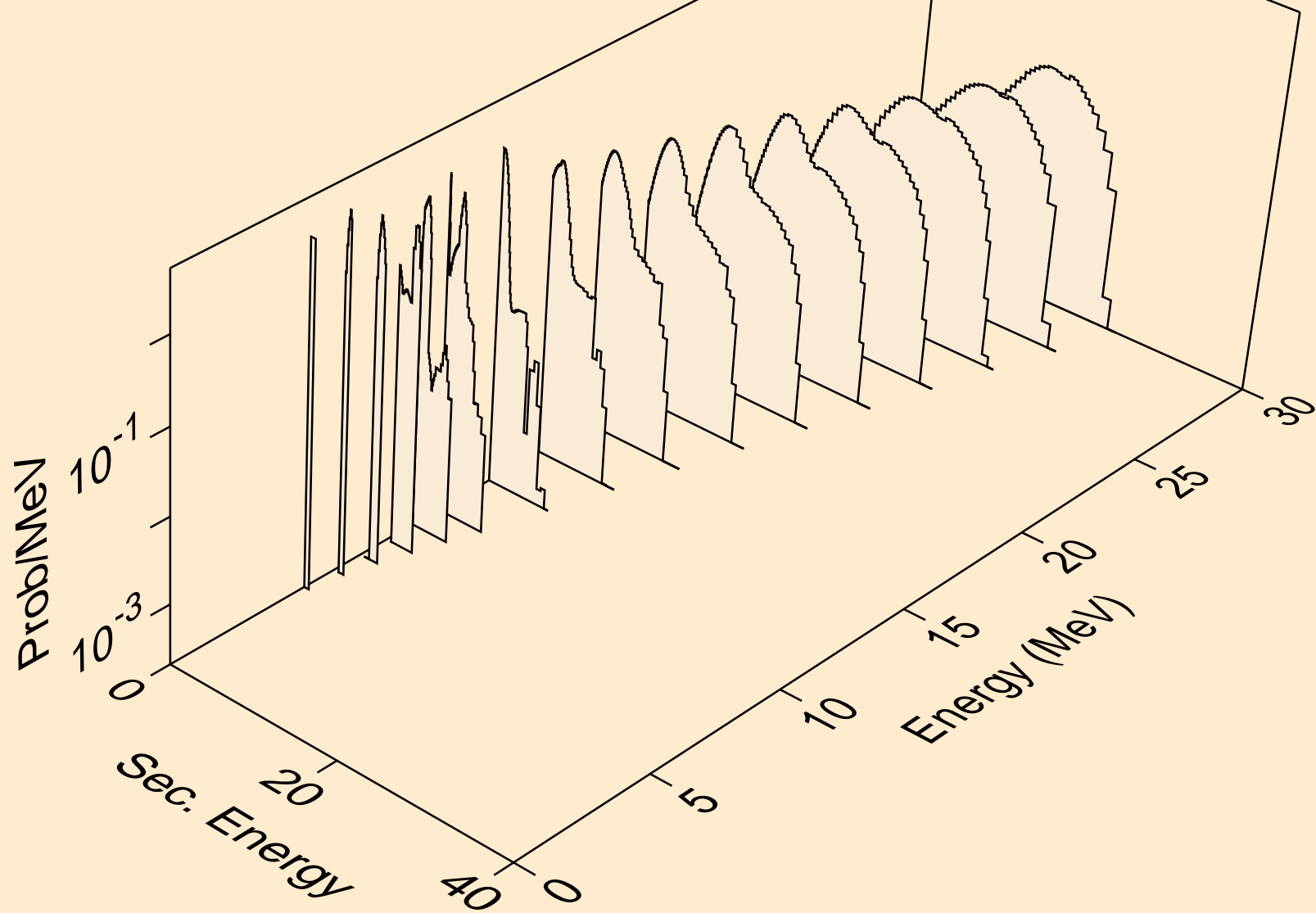
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

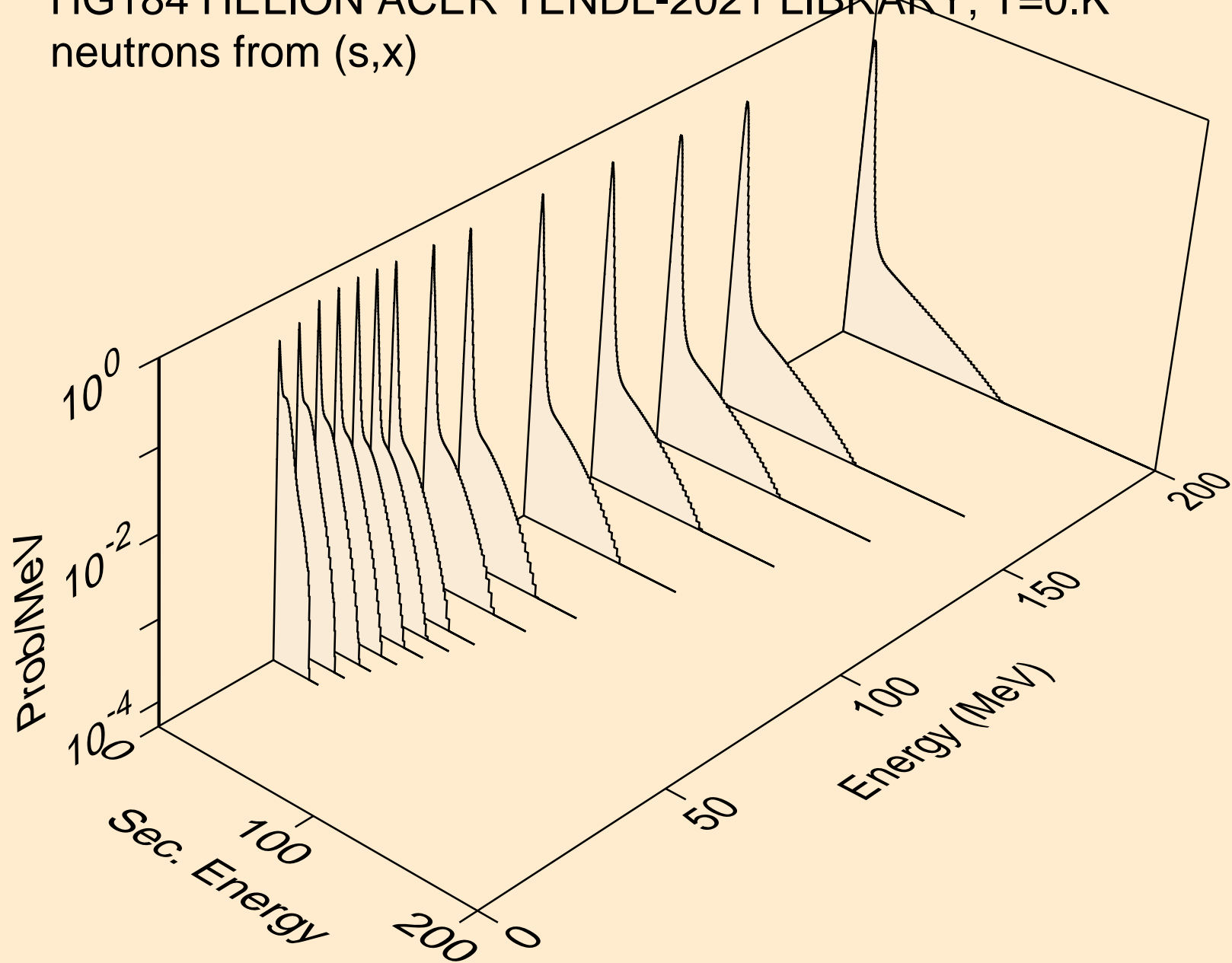


HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

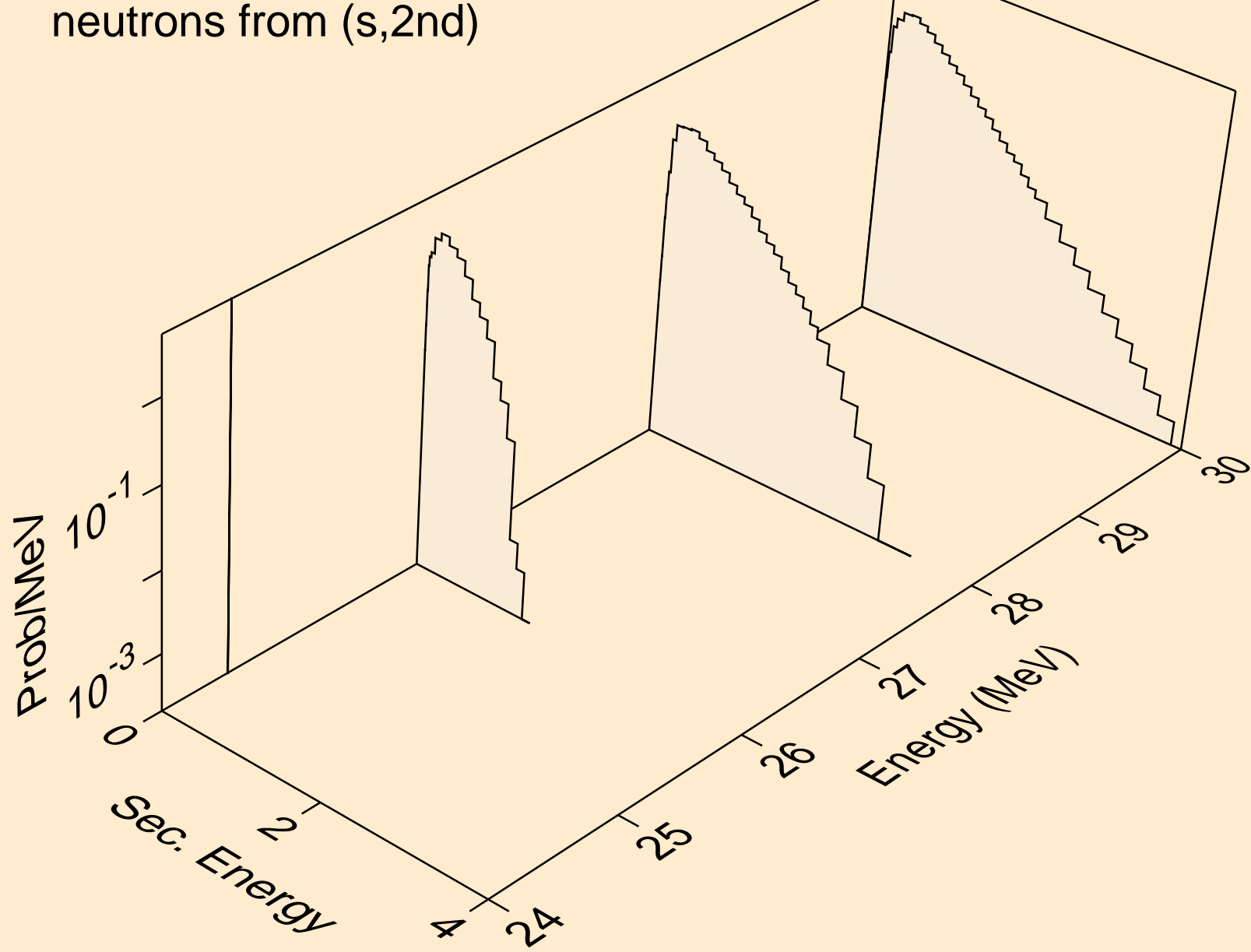




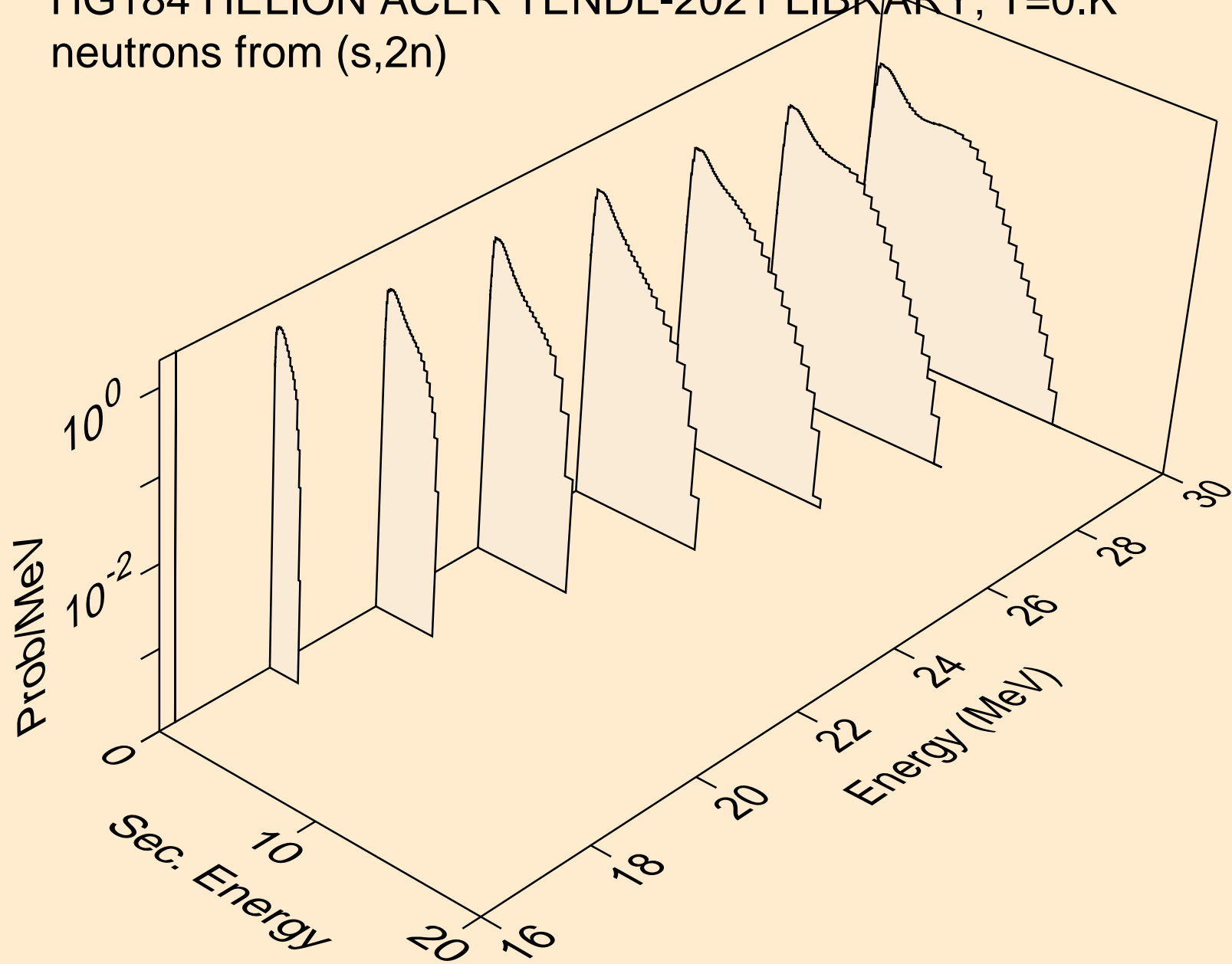
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



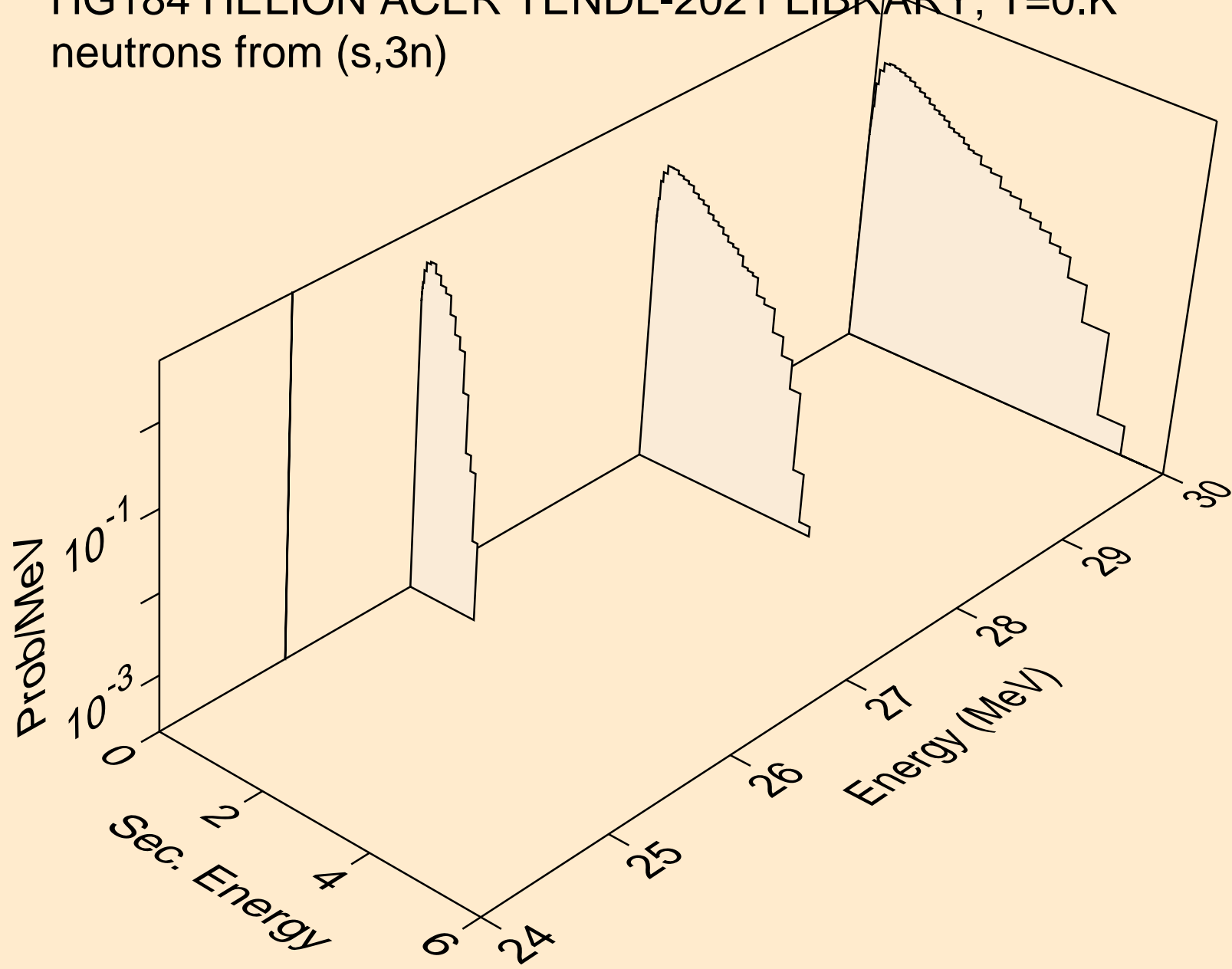
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



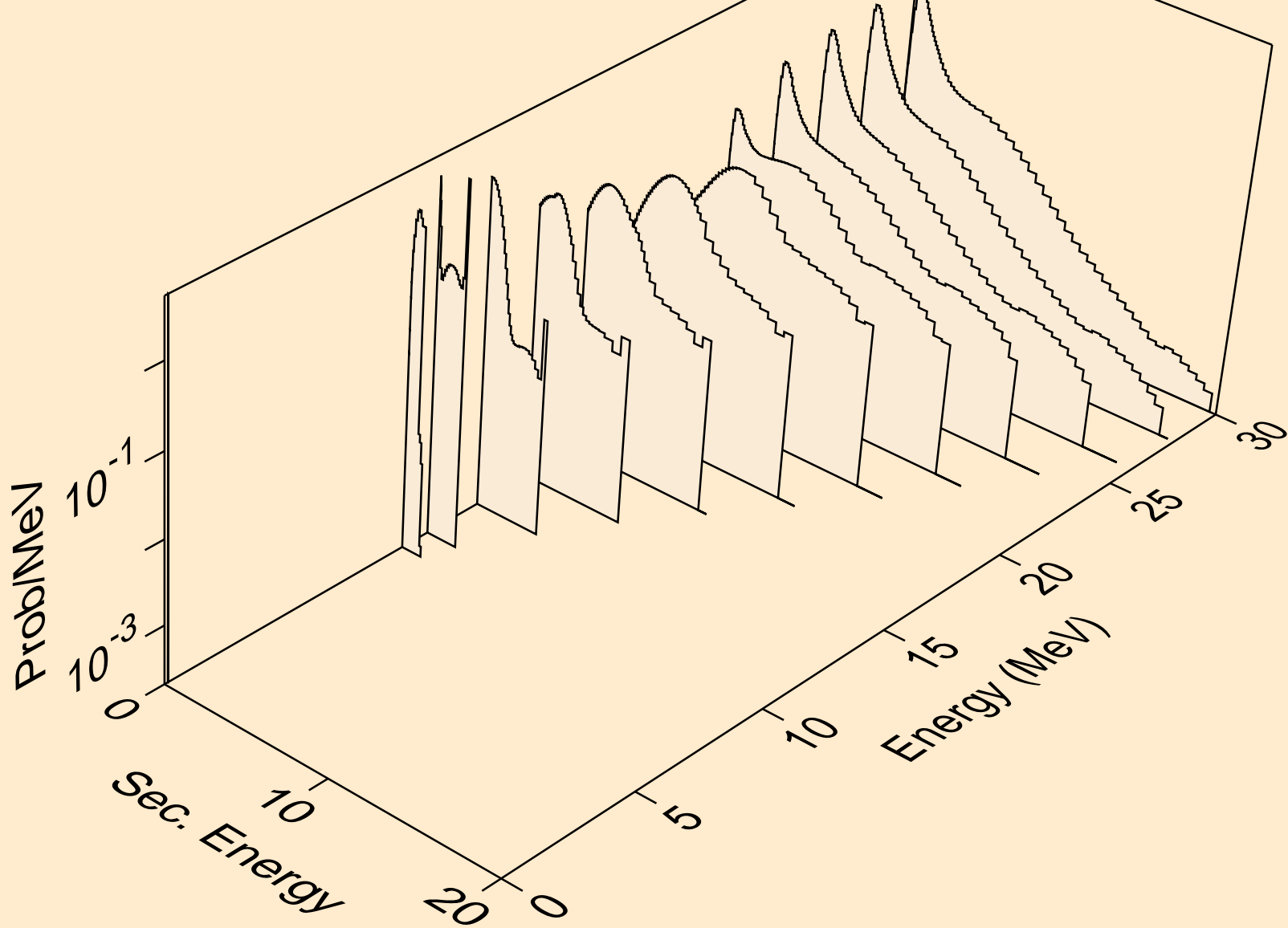
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



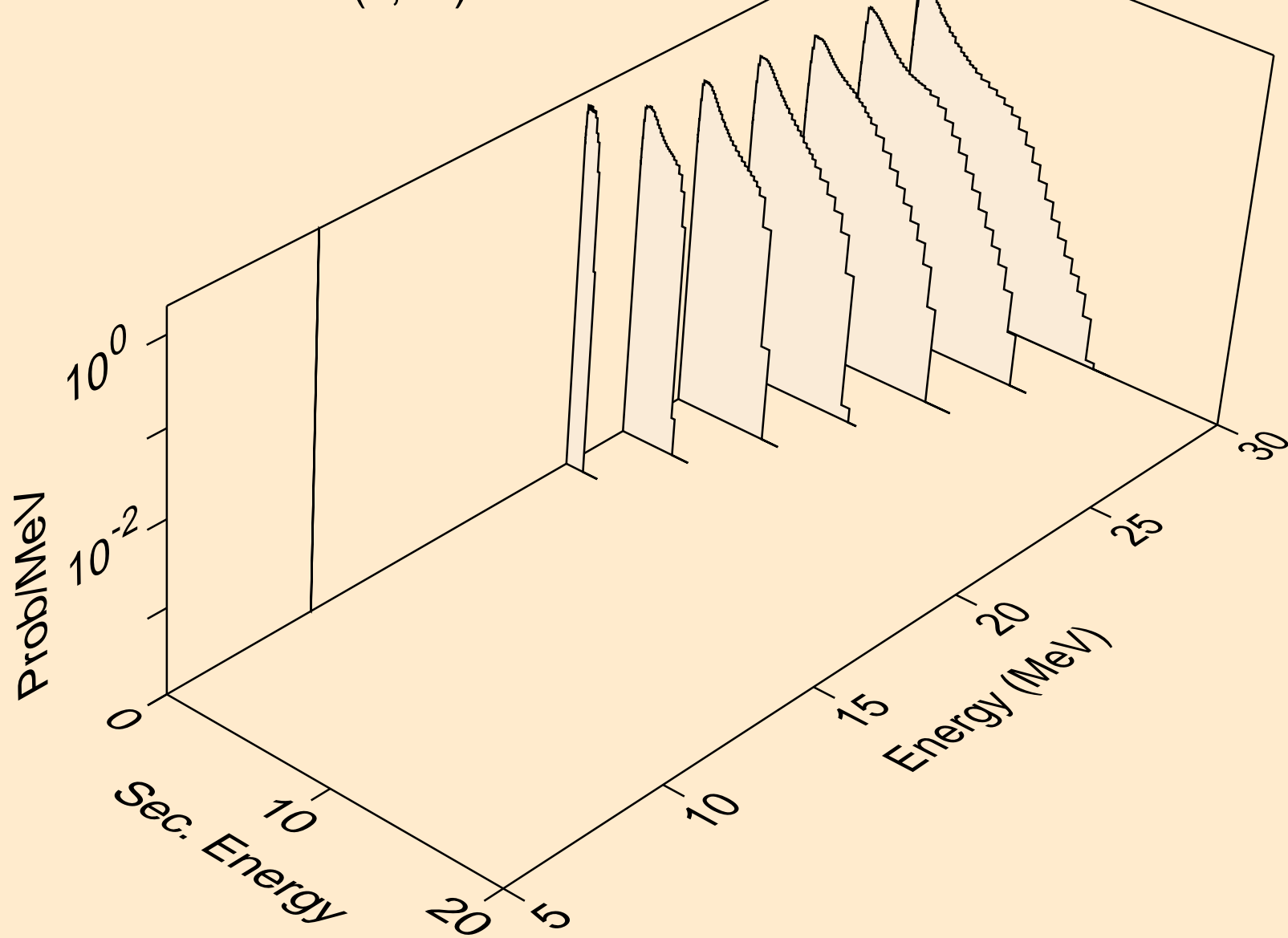
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



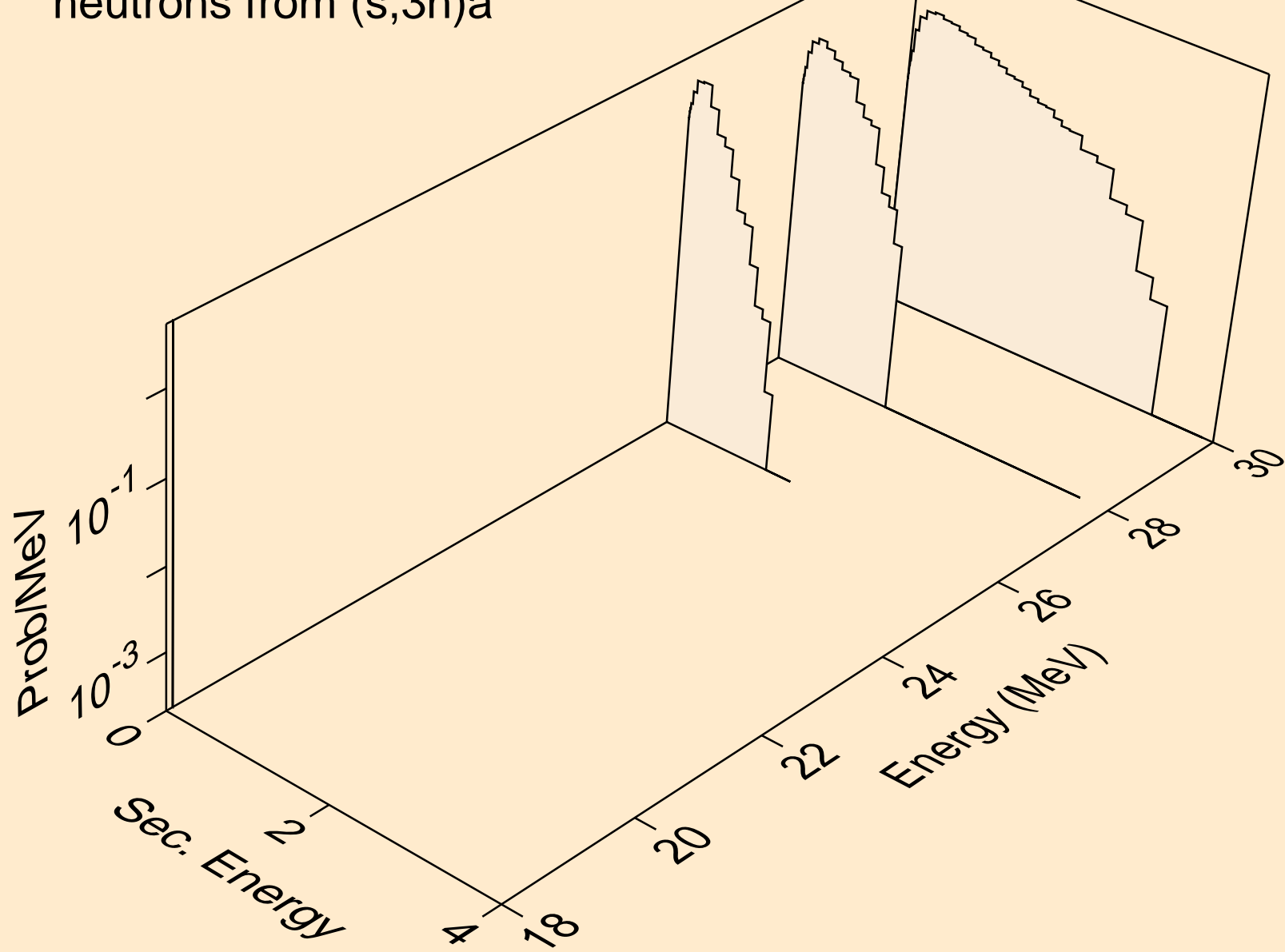
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



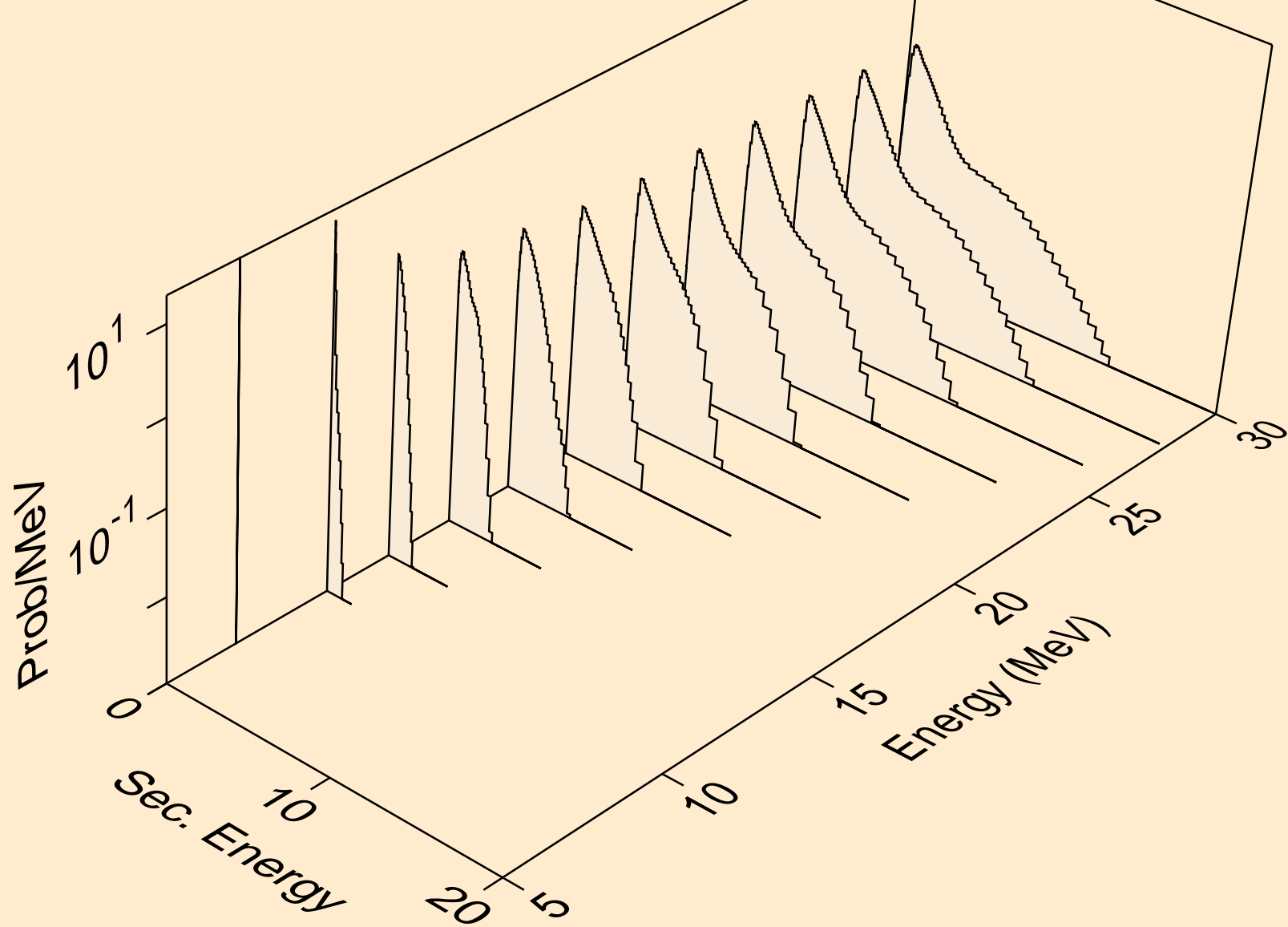
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a

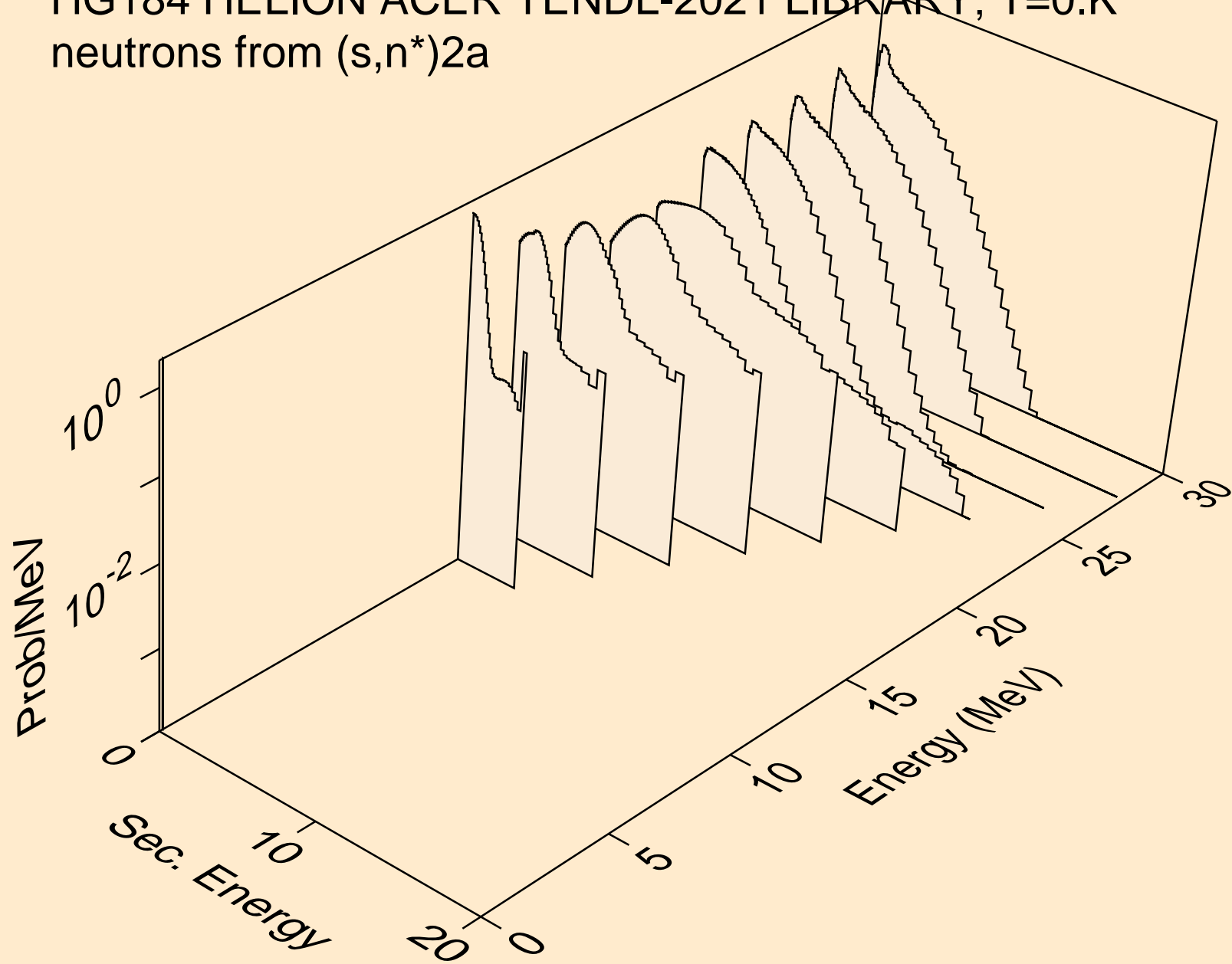


HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

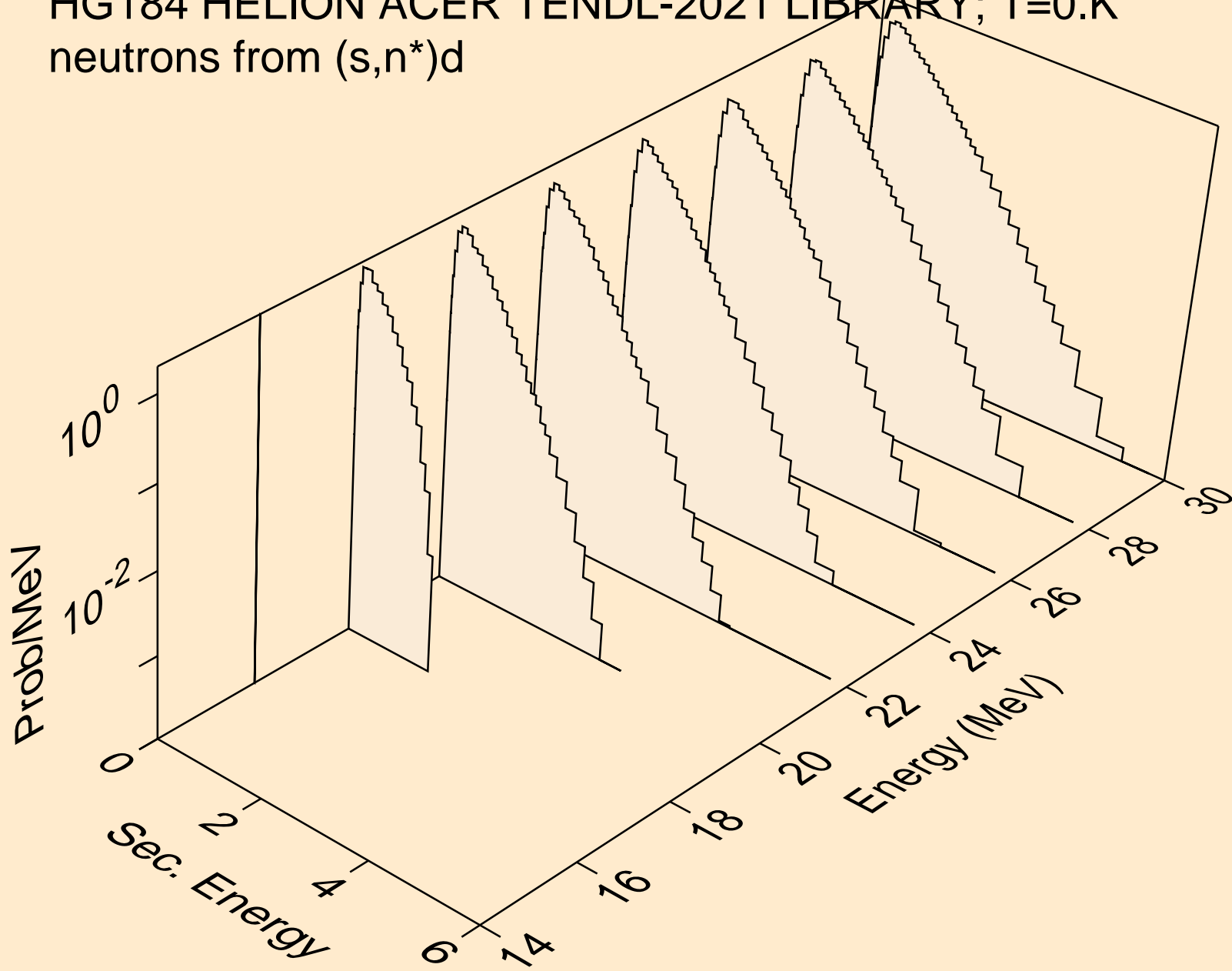




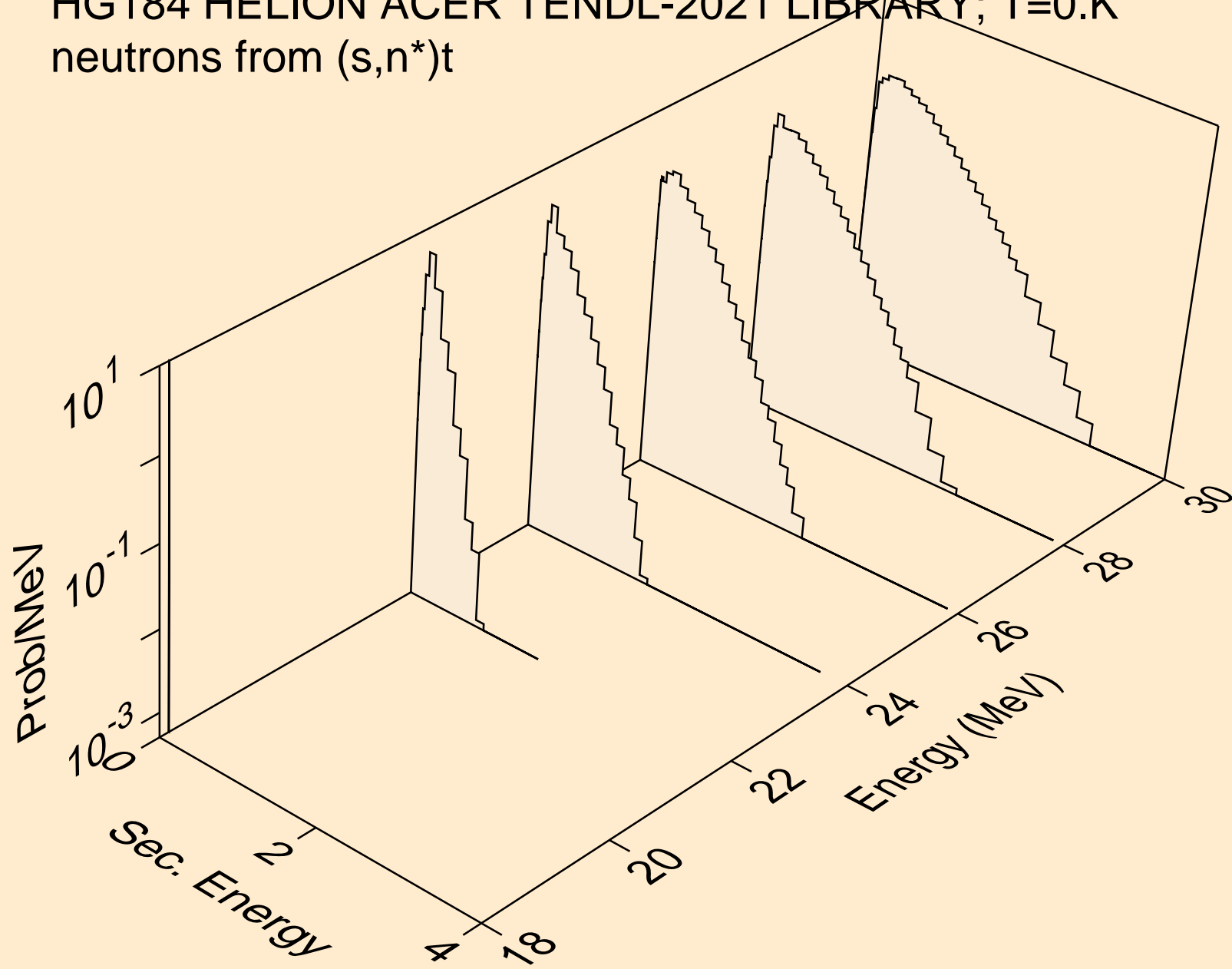
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a



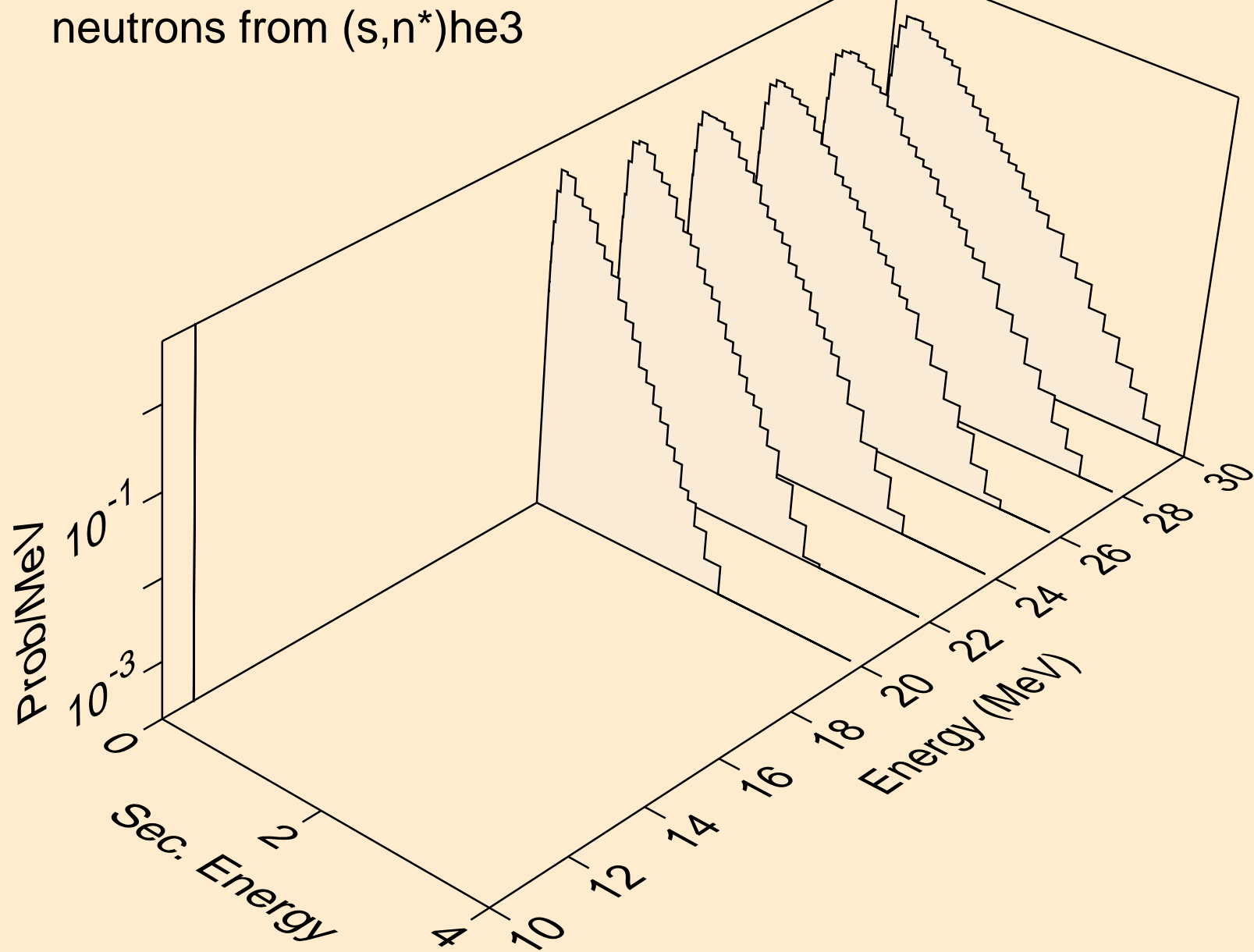
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



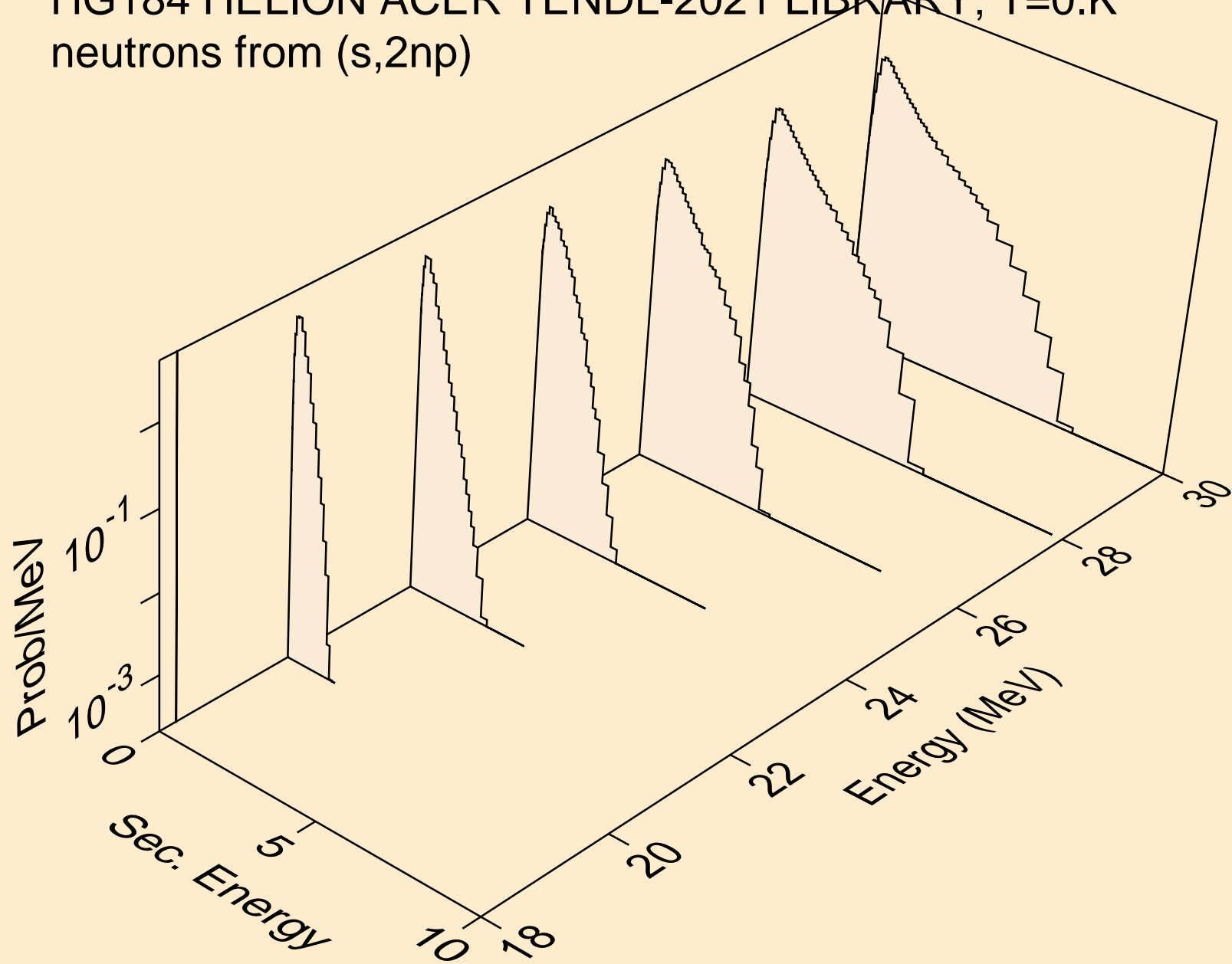
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



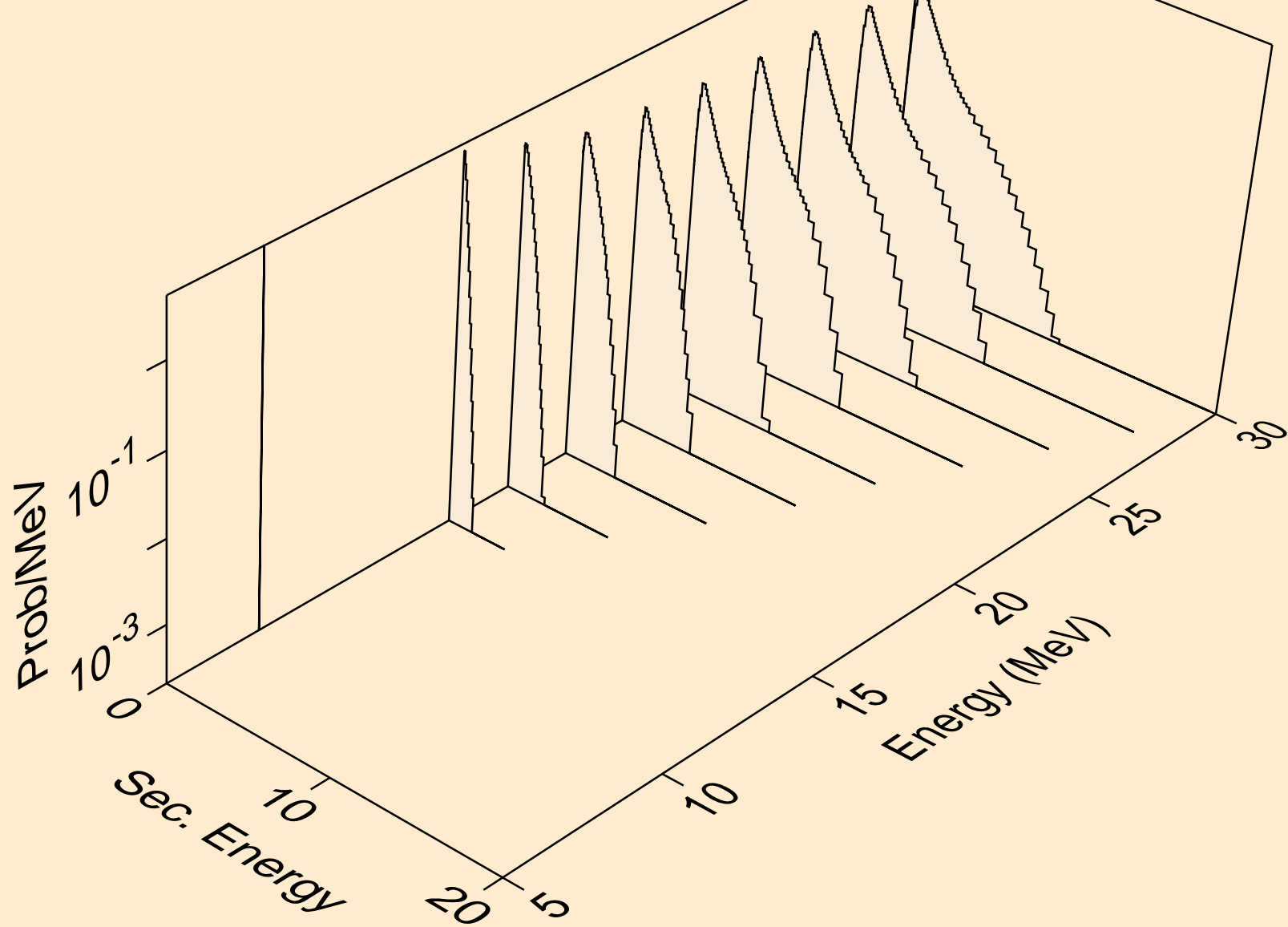
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



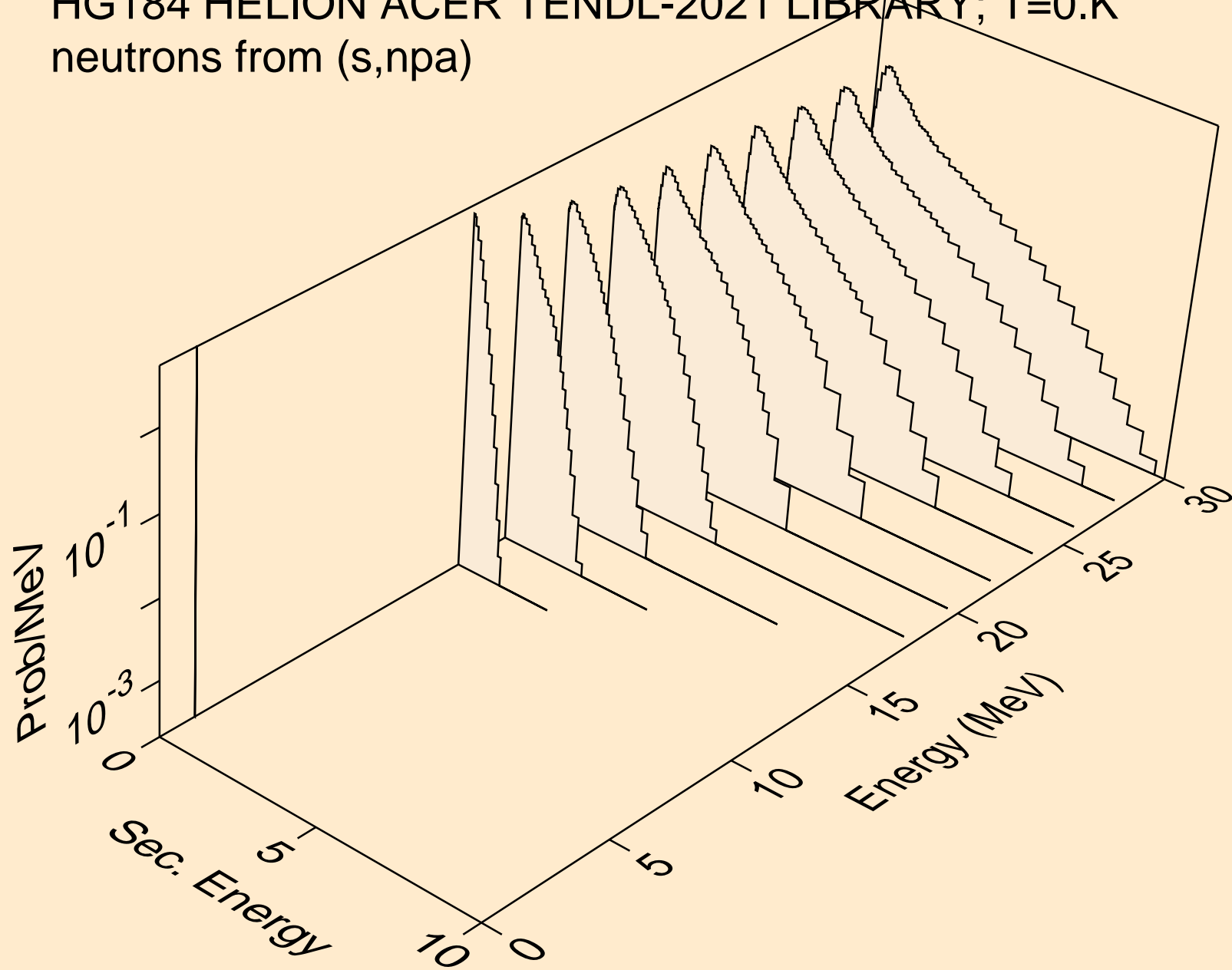
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



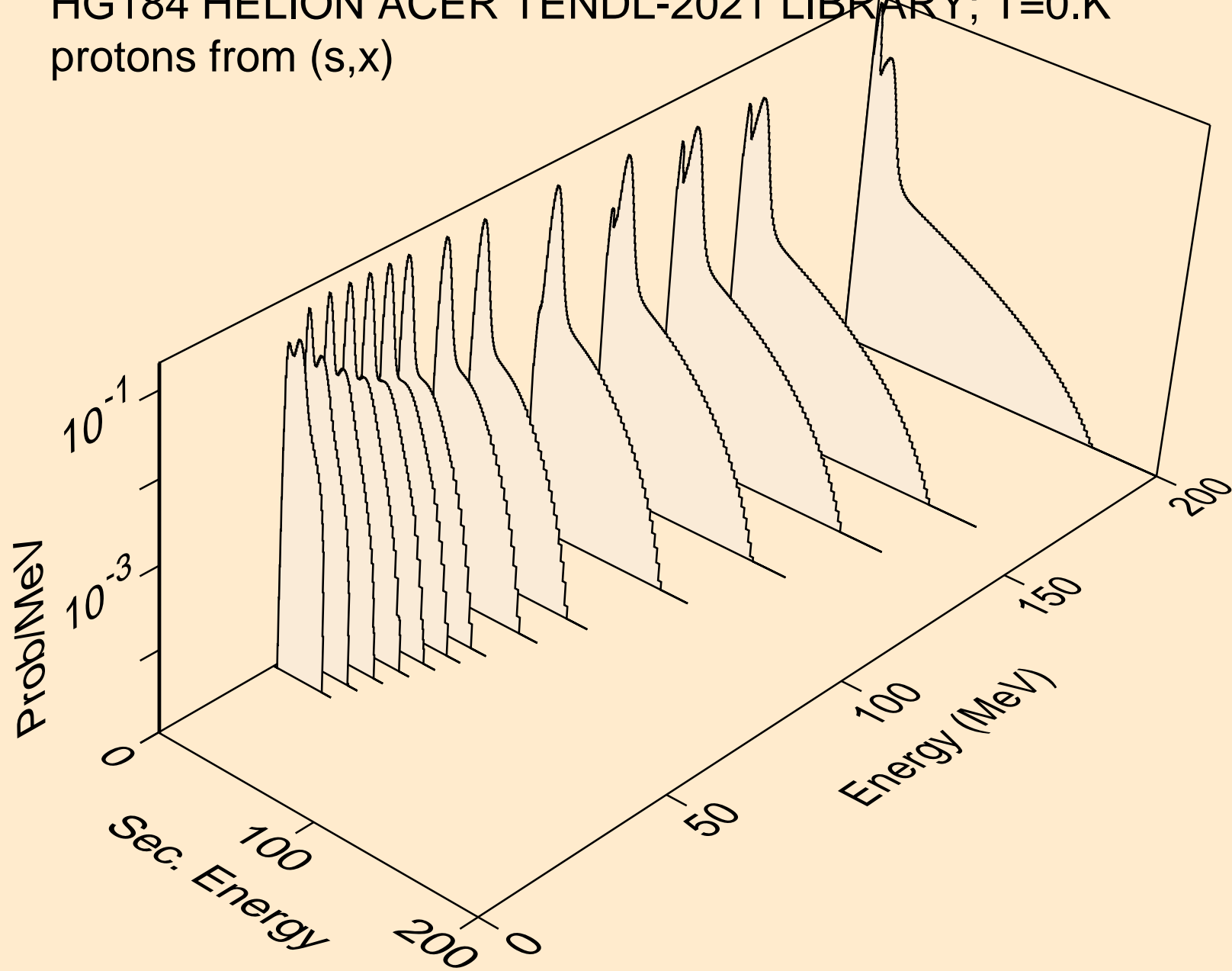
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)

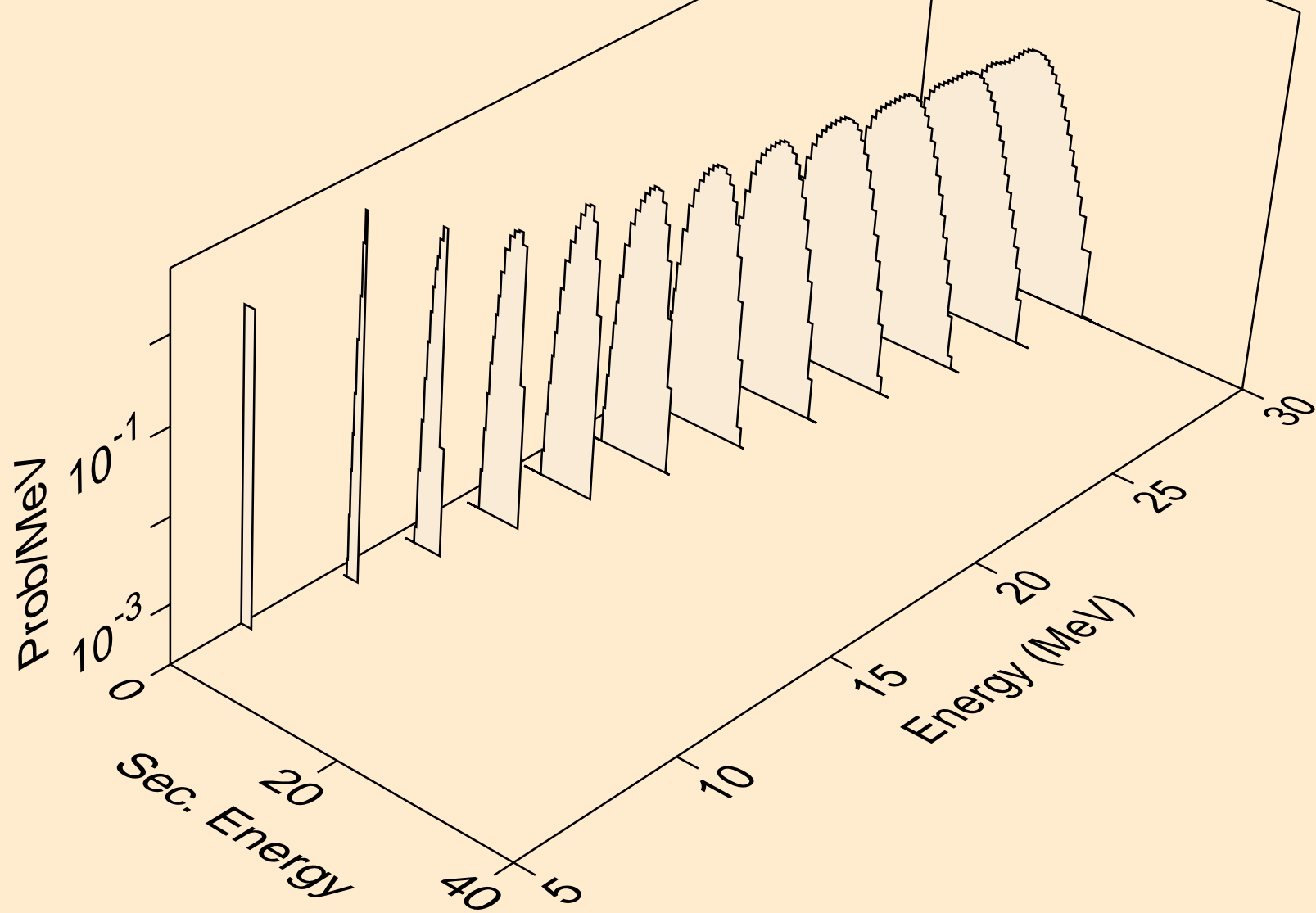


HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)

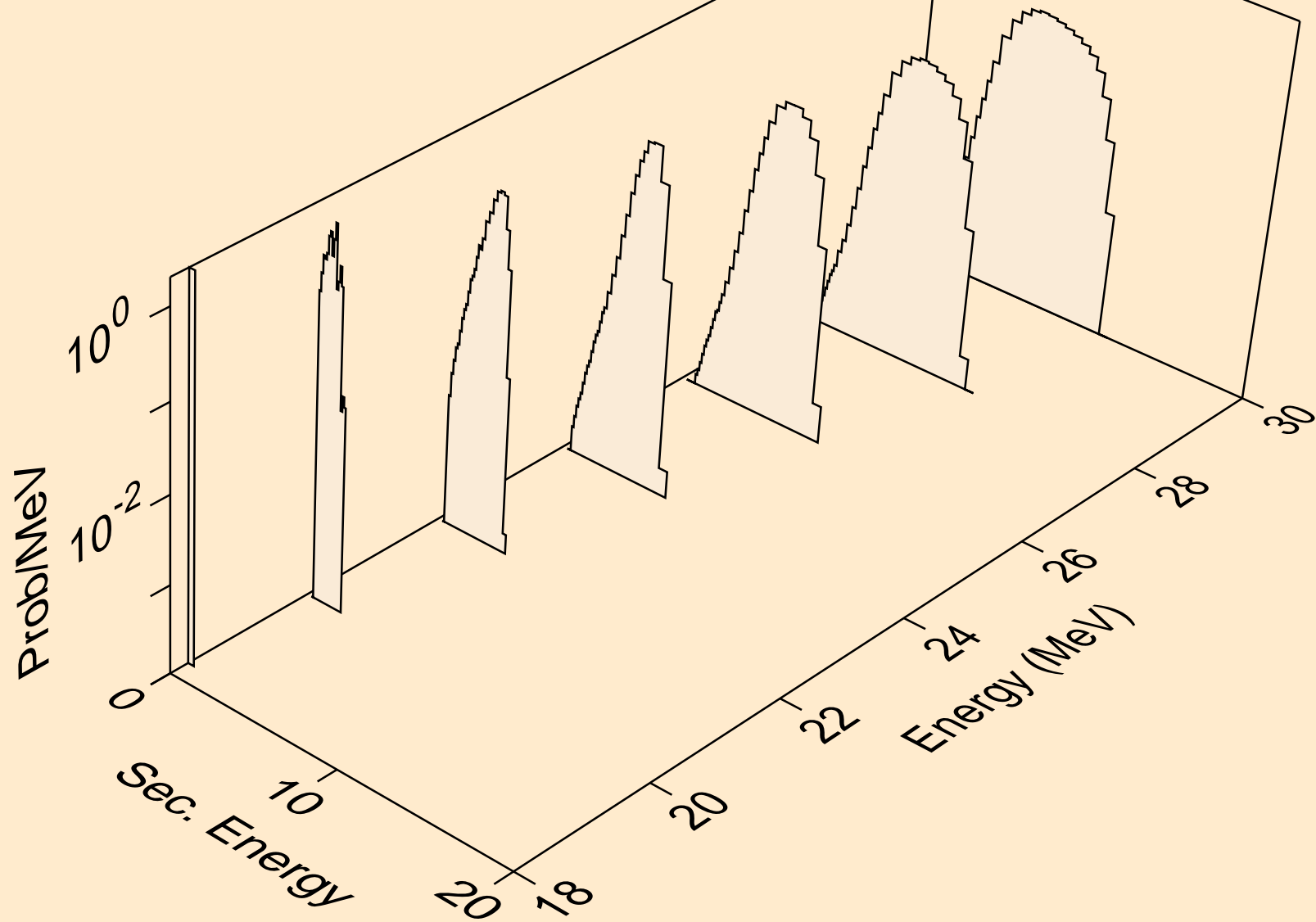




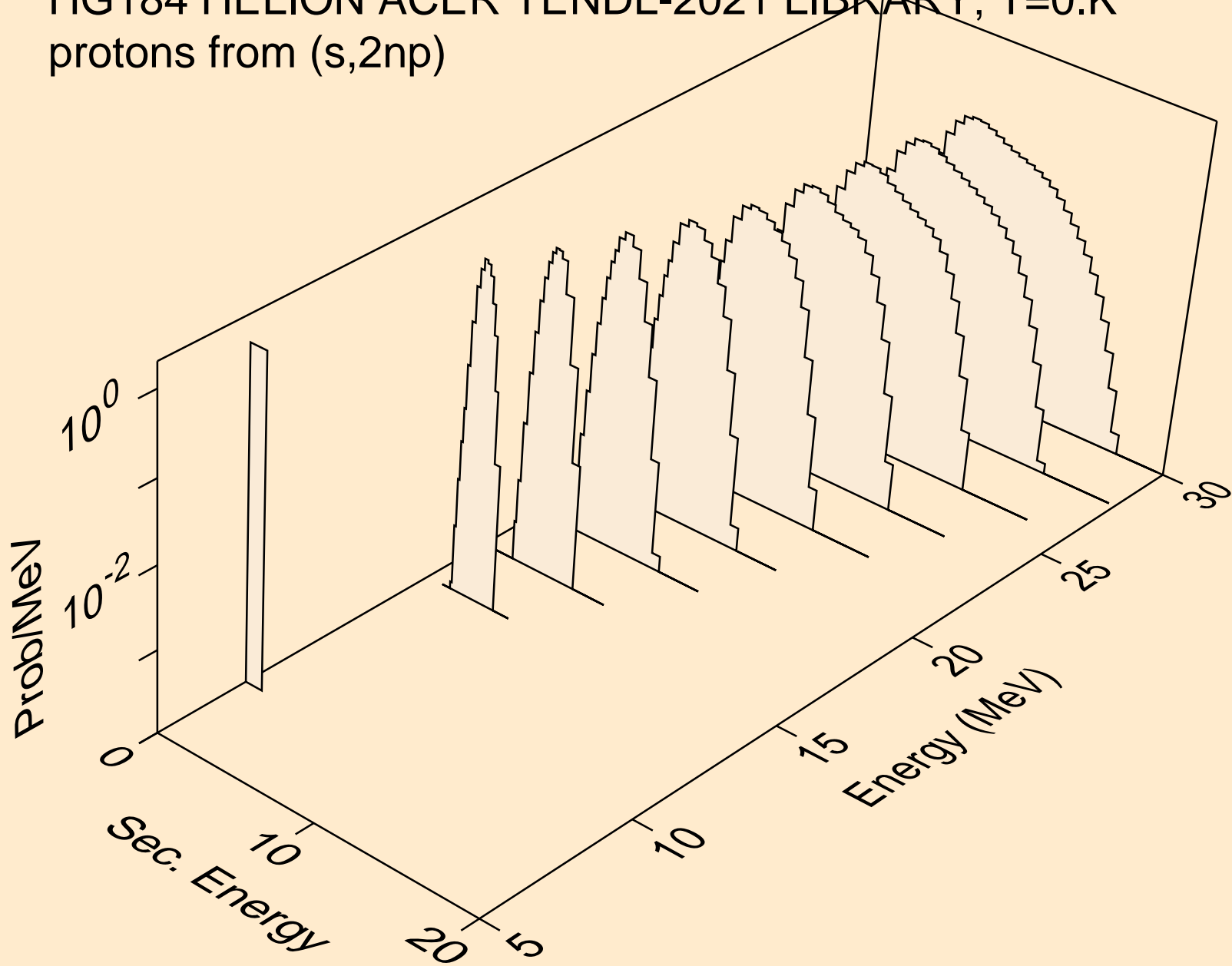
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



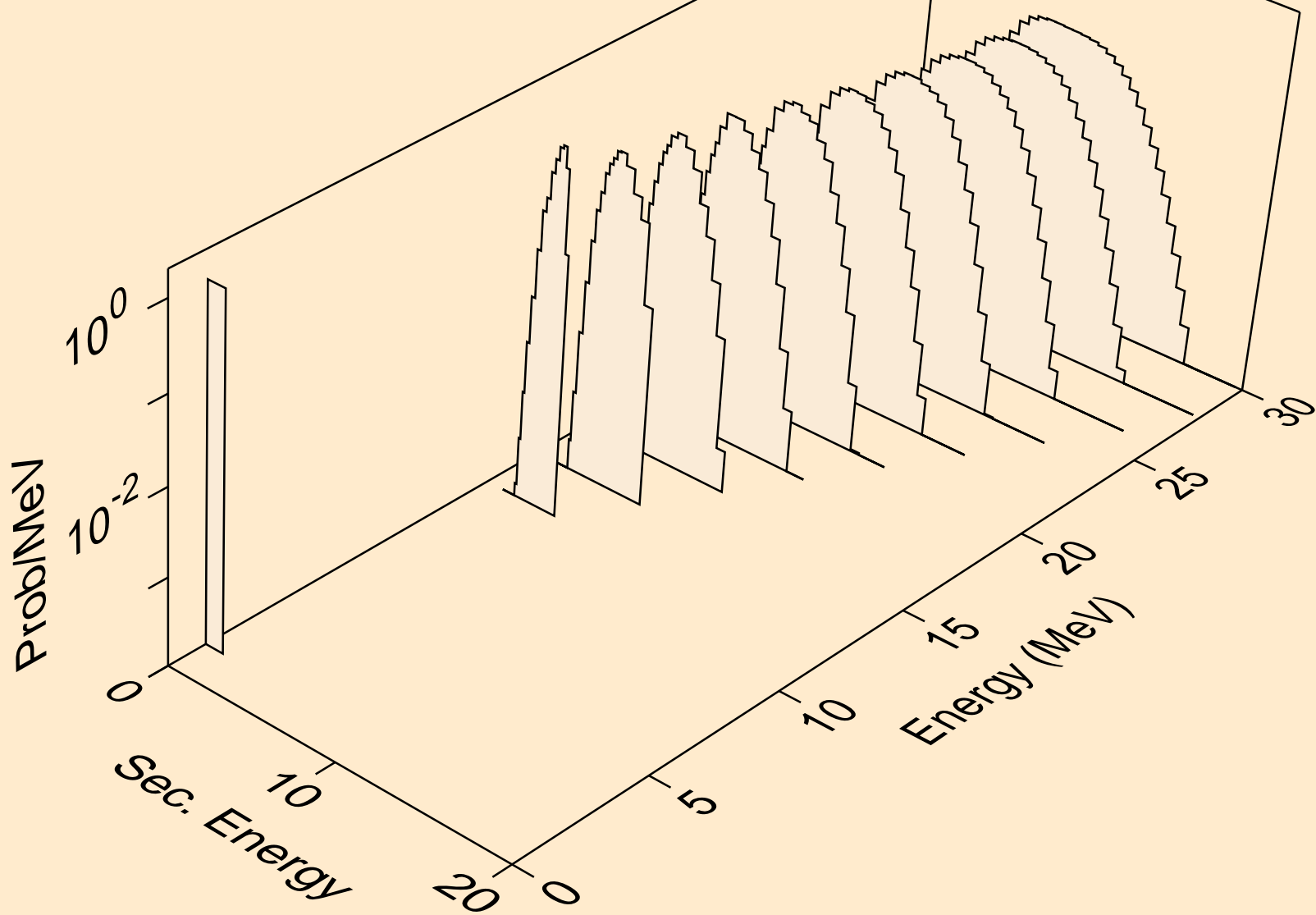
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



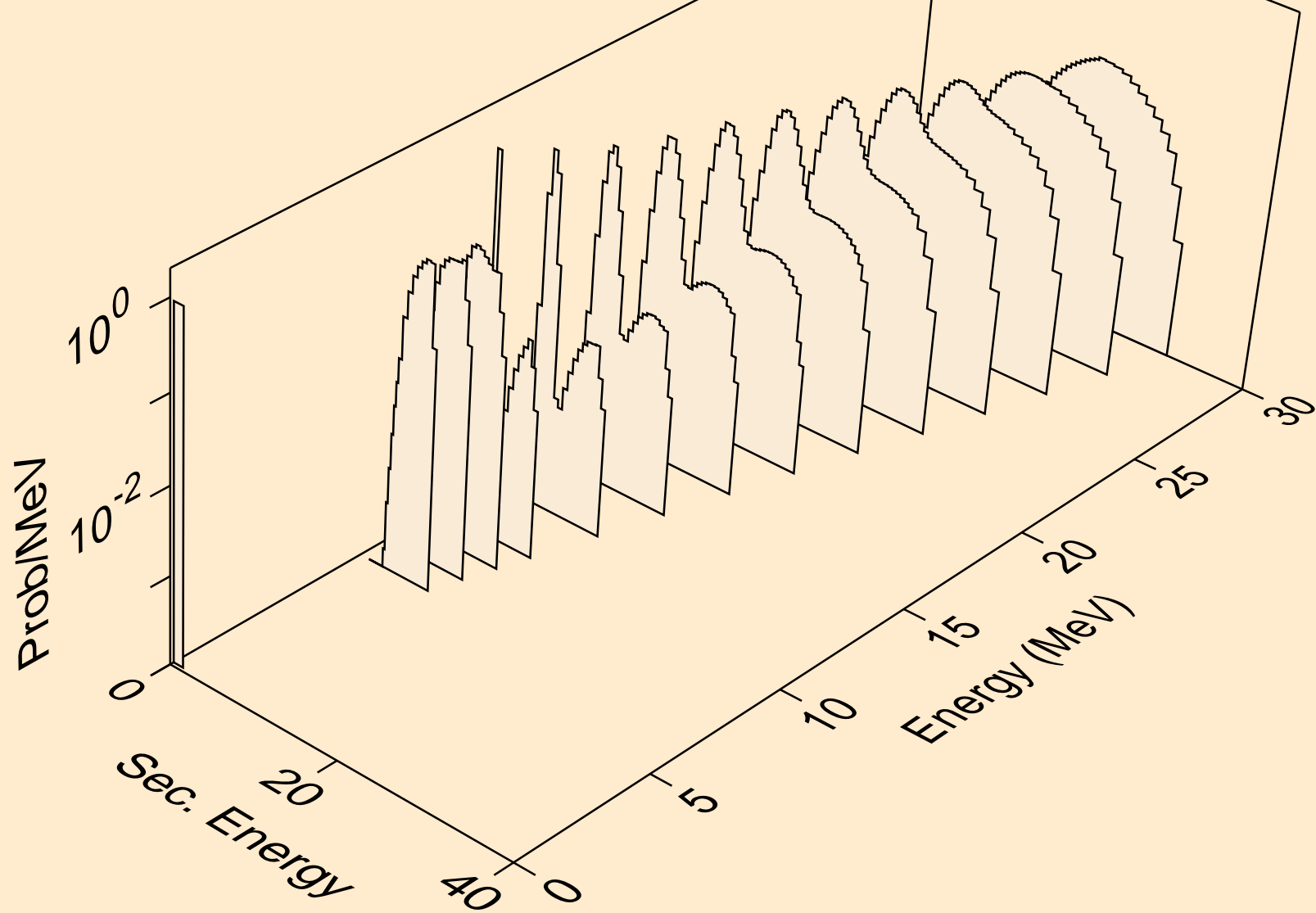
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



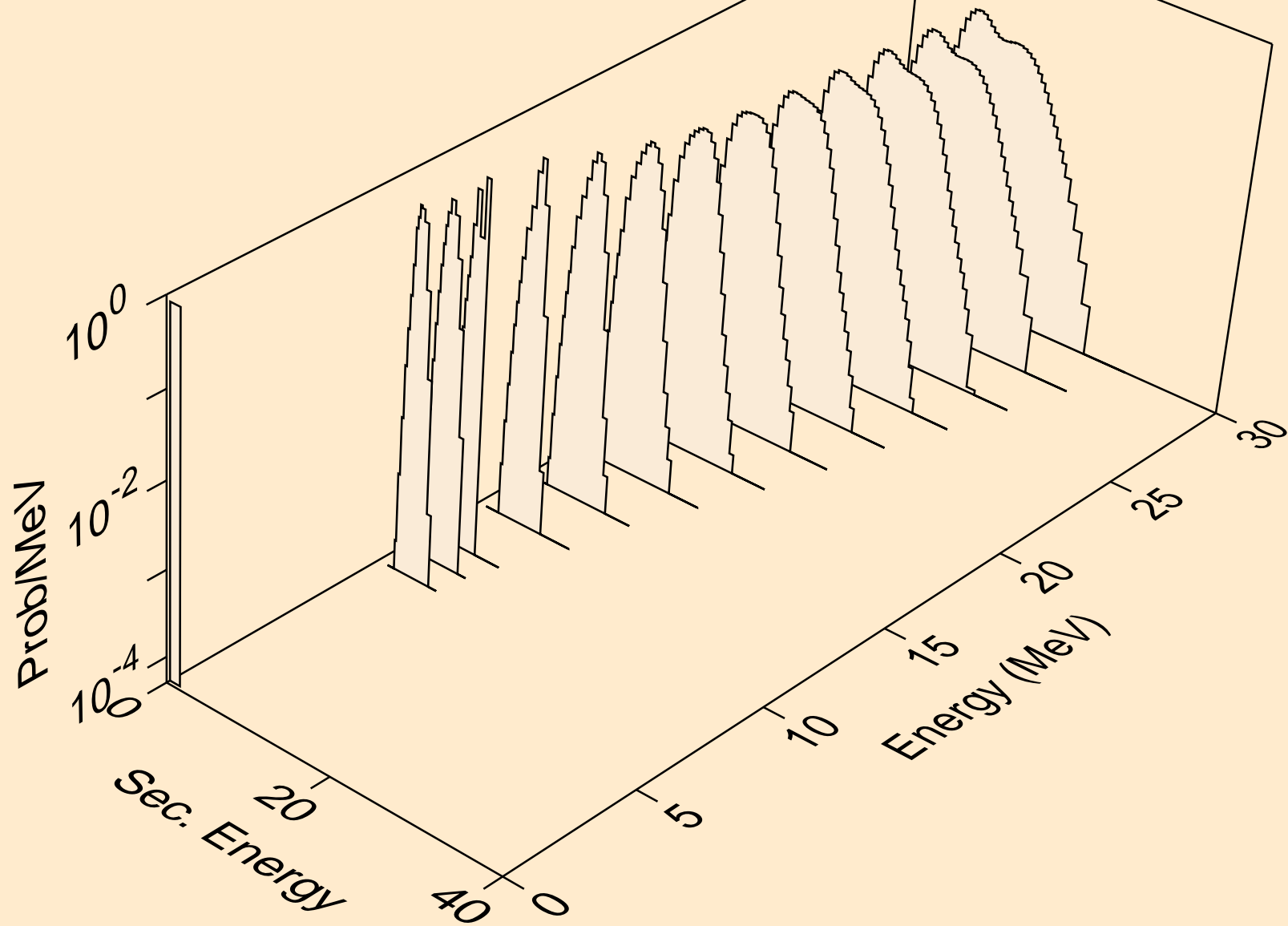
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



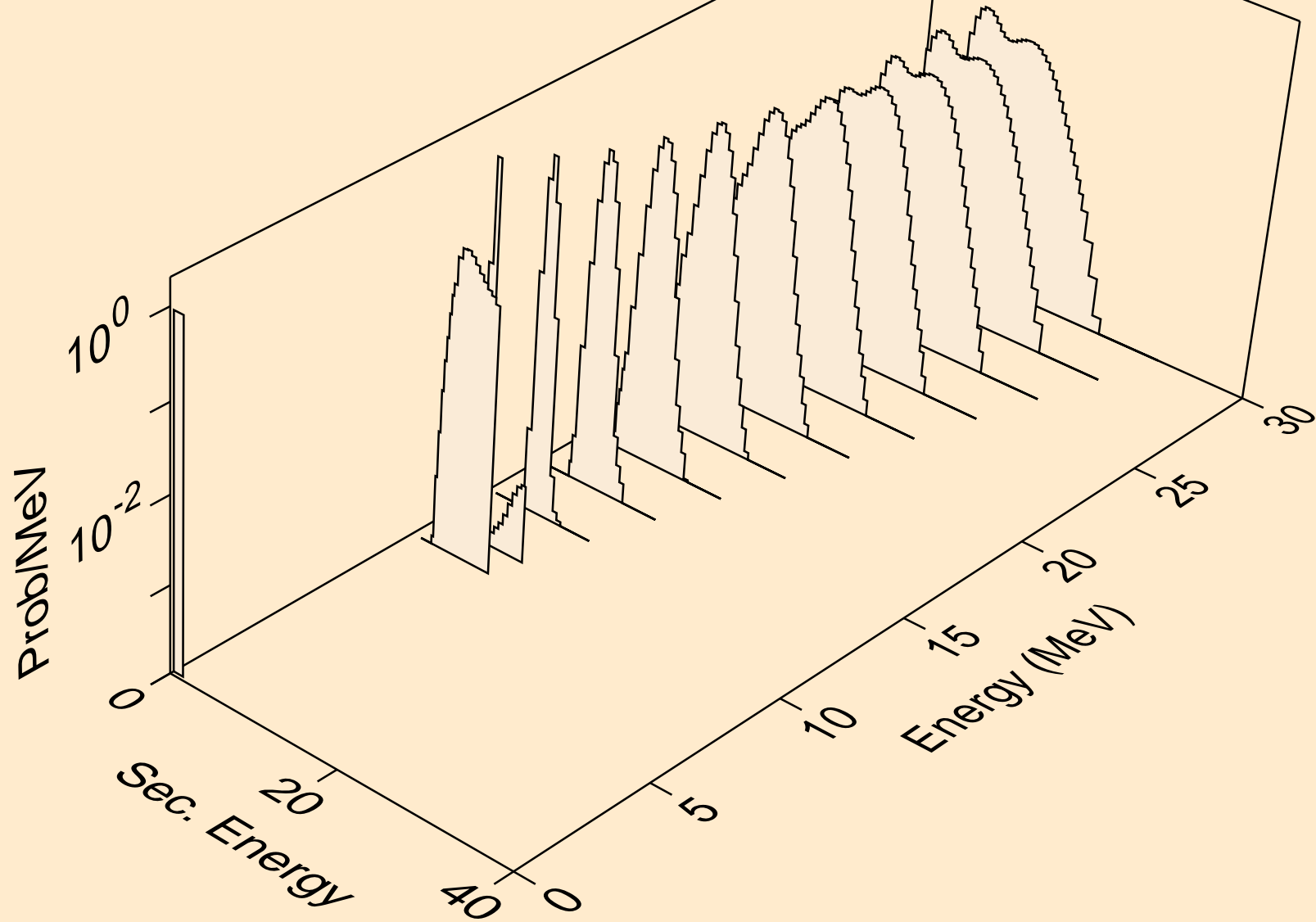
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



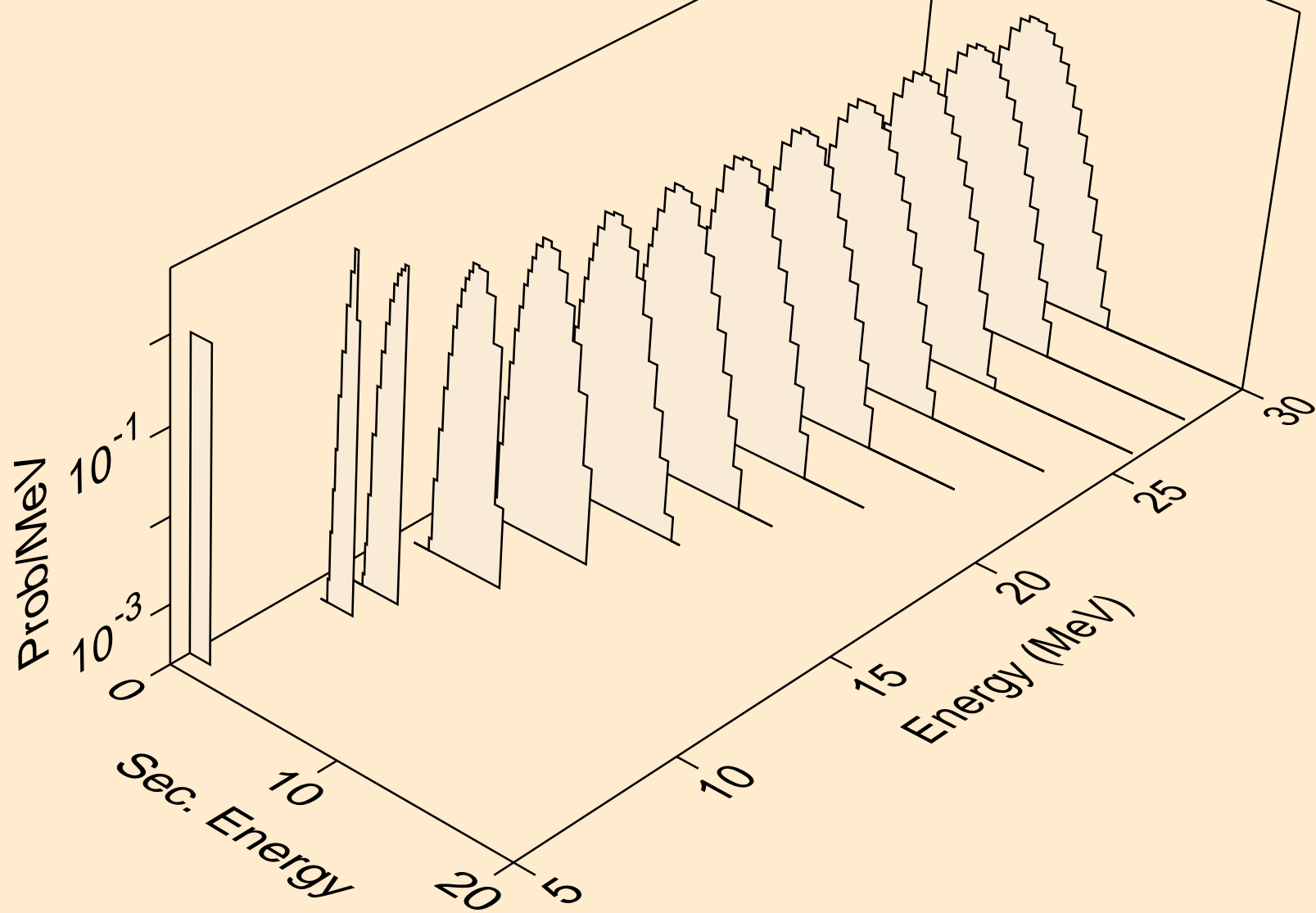
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)

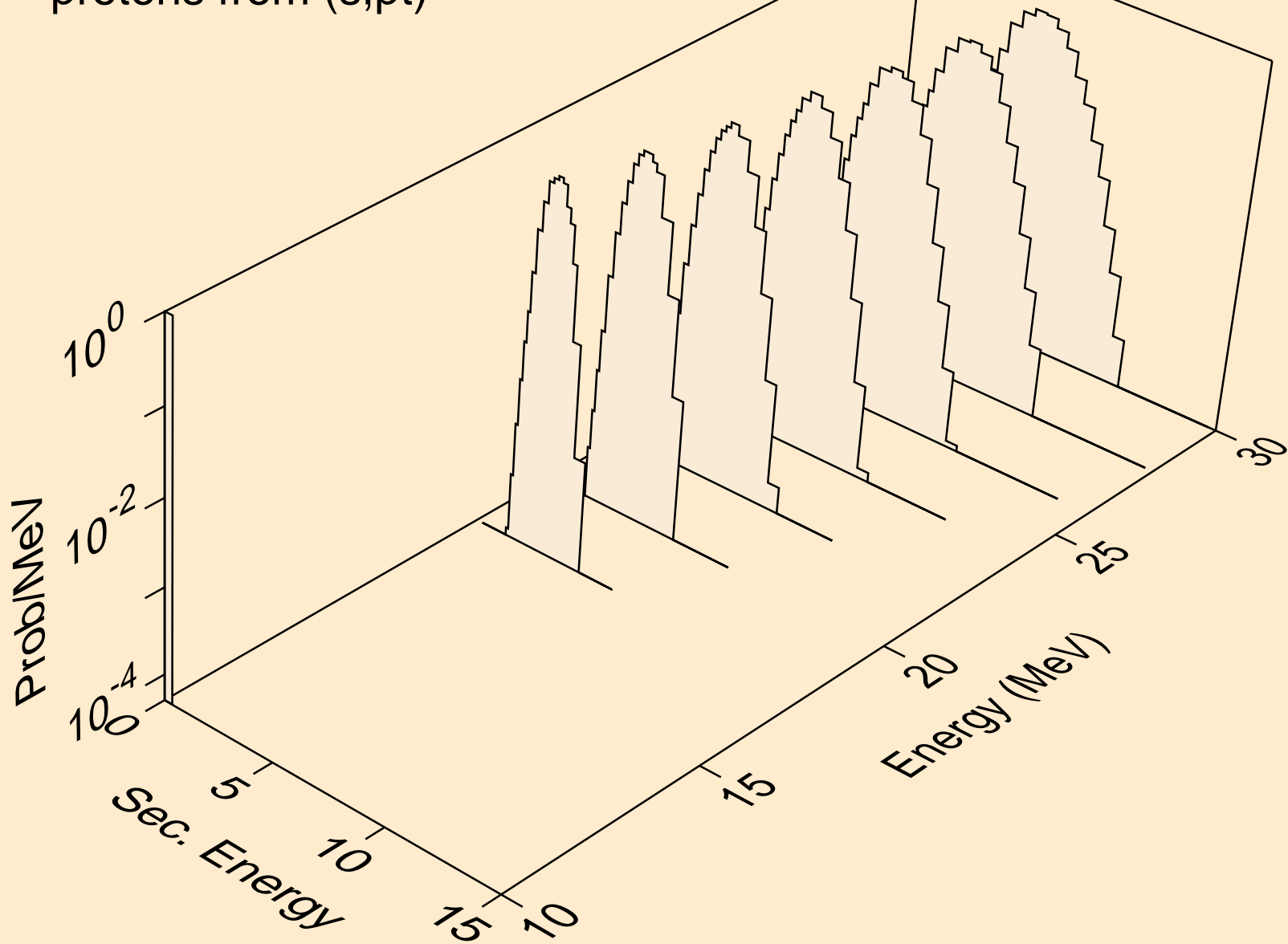


HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)

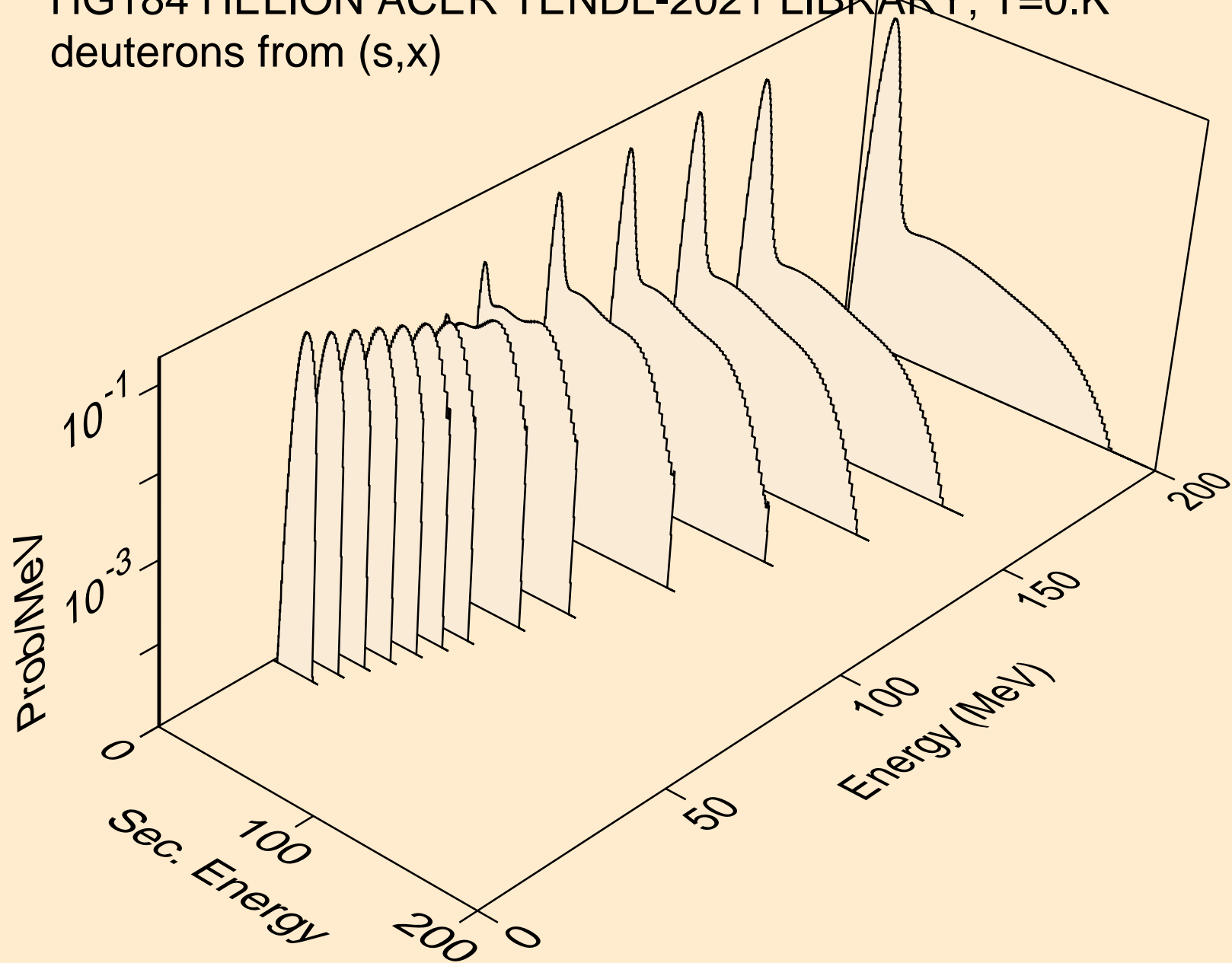




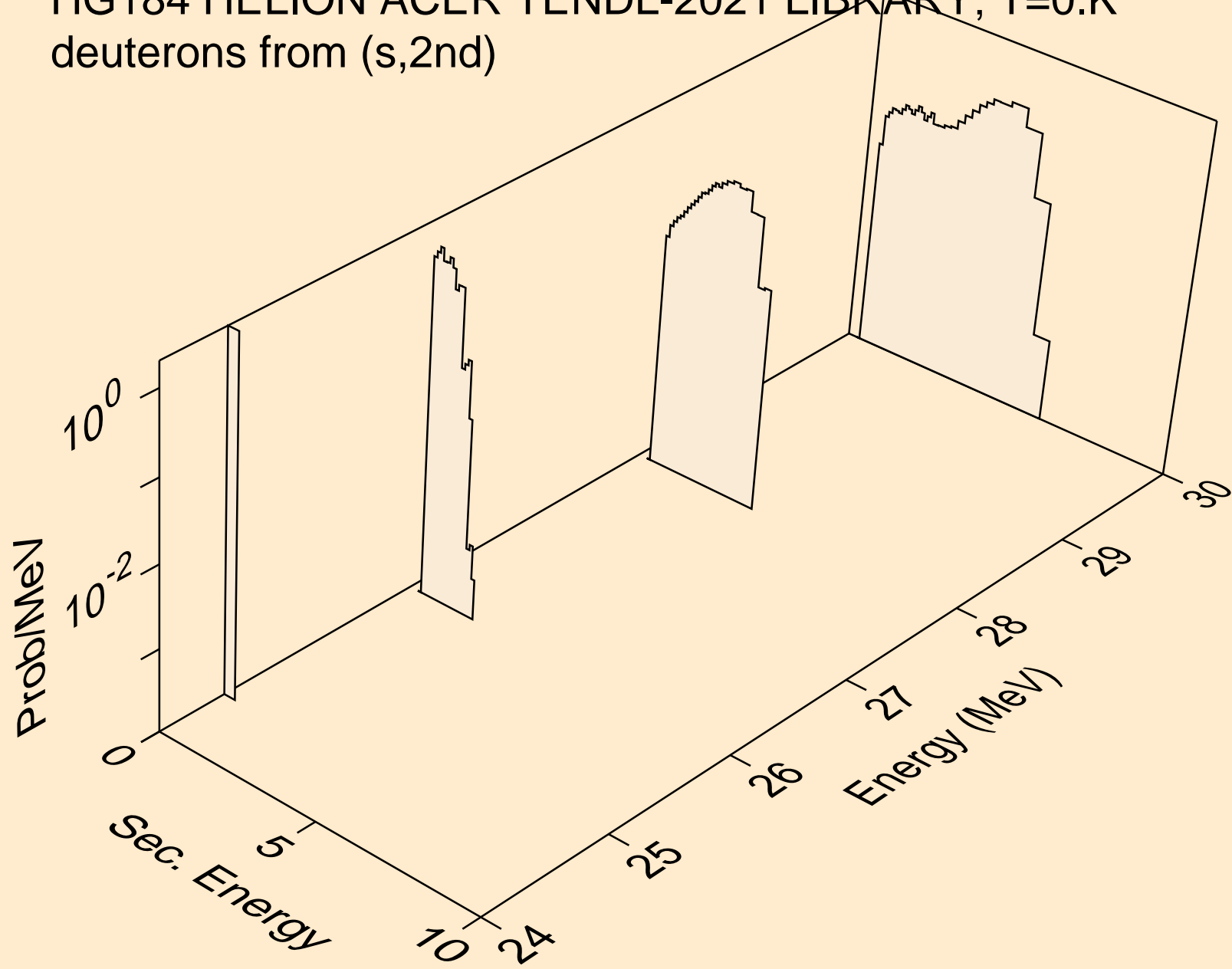
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



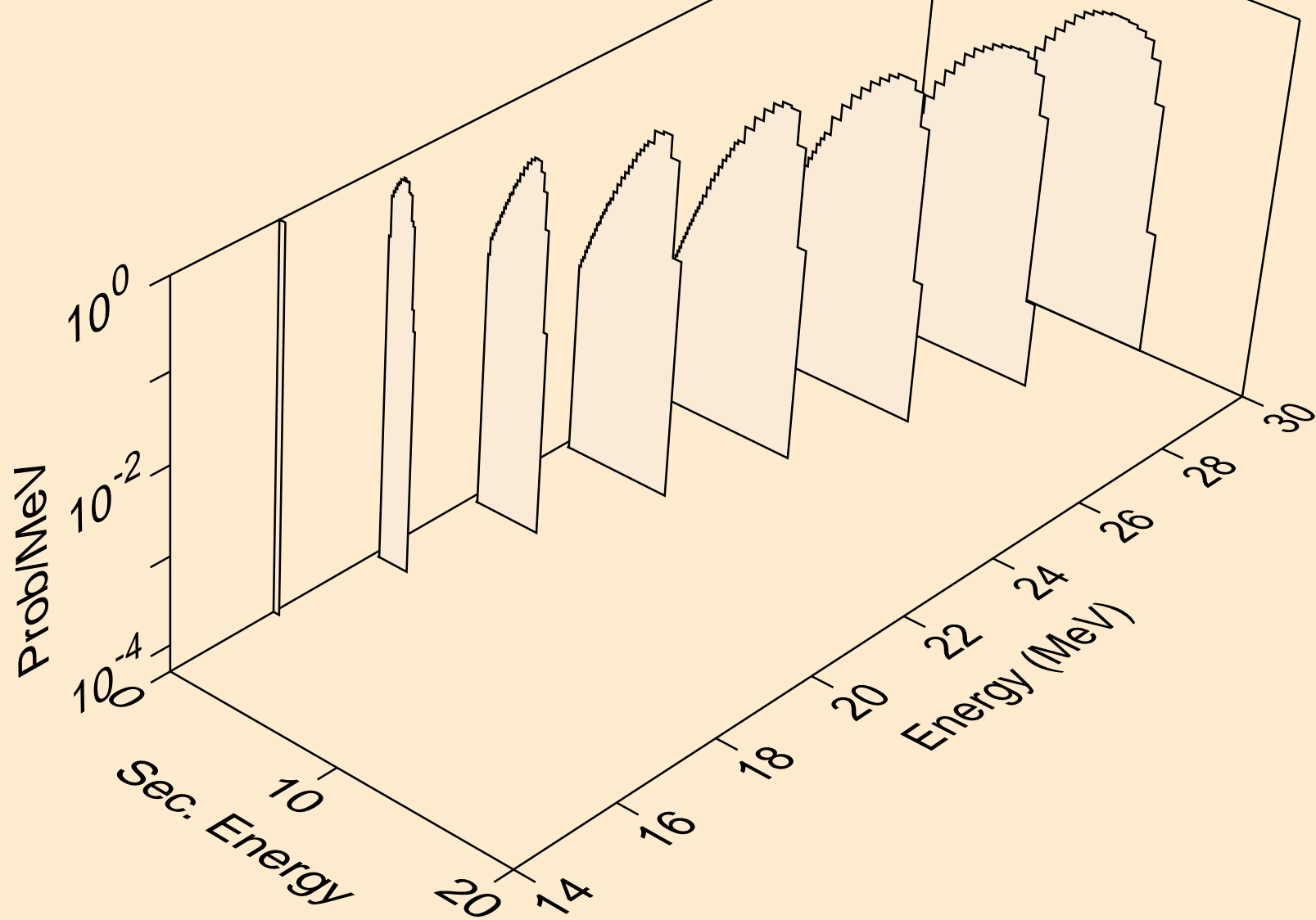
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



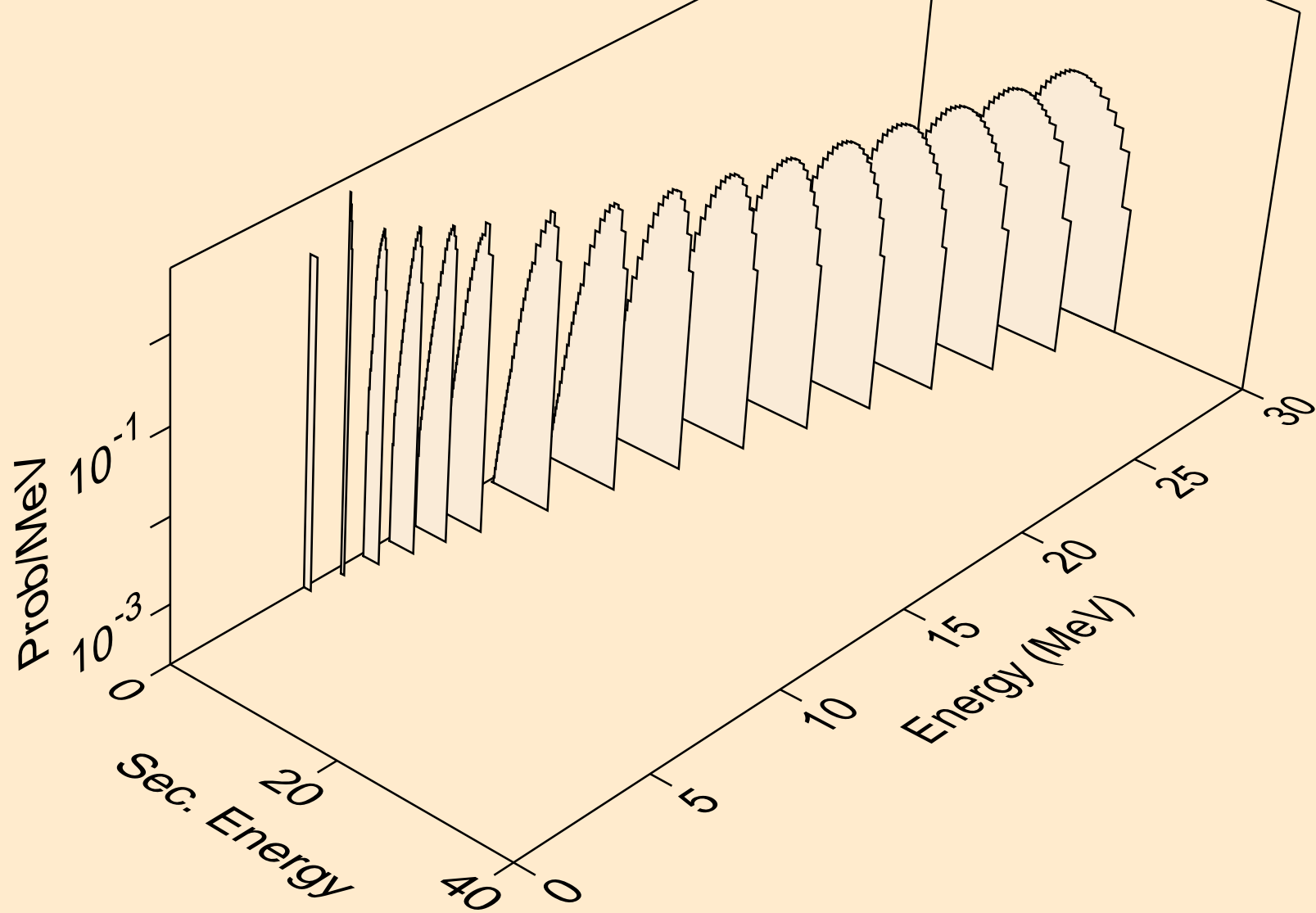
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deuterons from (s,2nd)



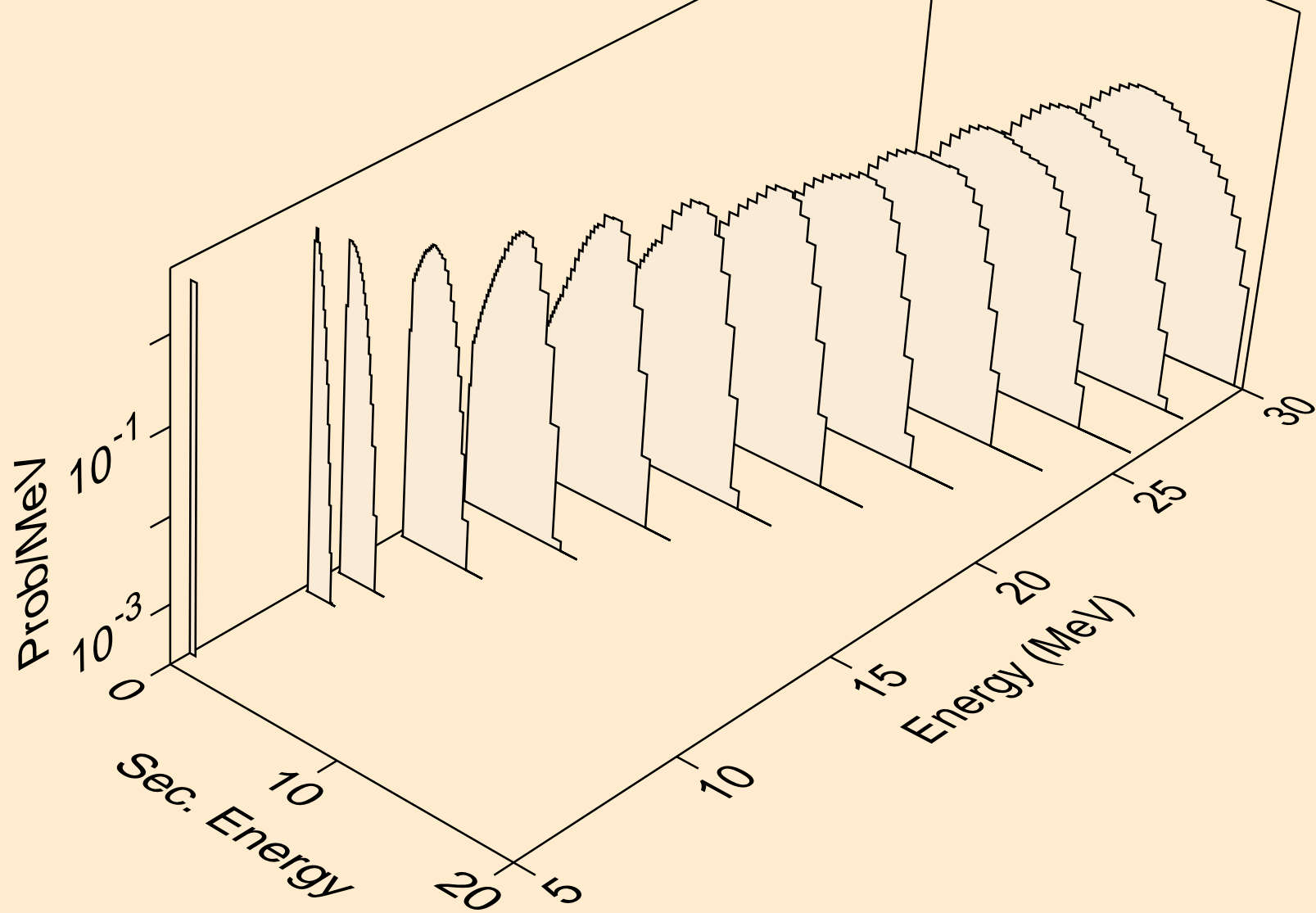
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



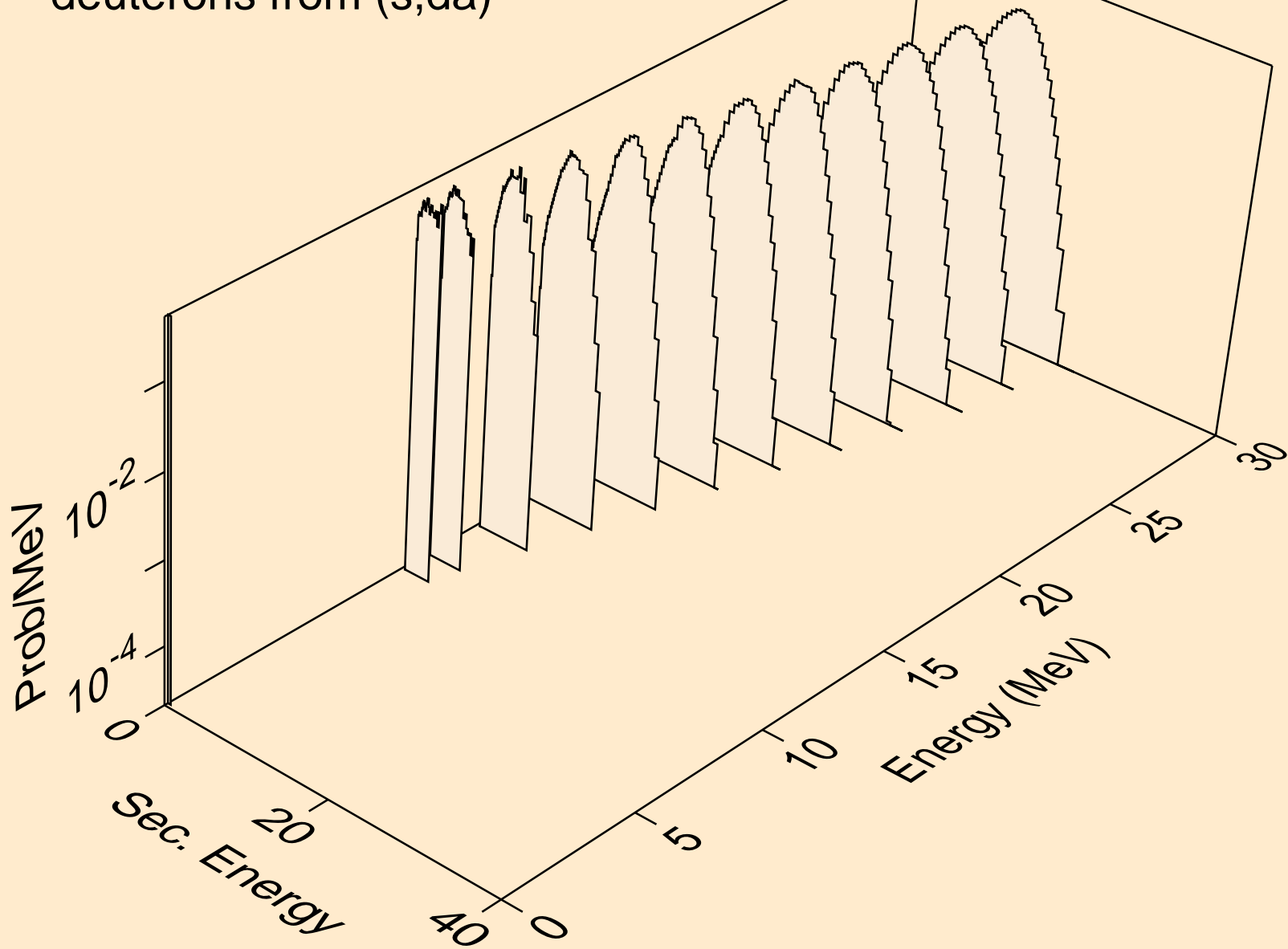
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deuterons from (s,d)



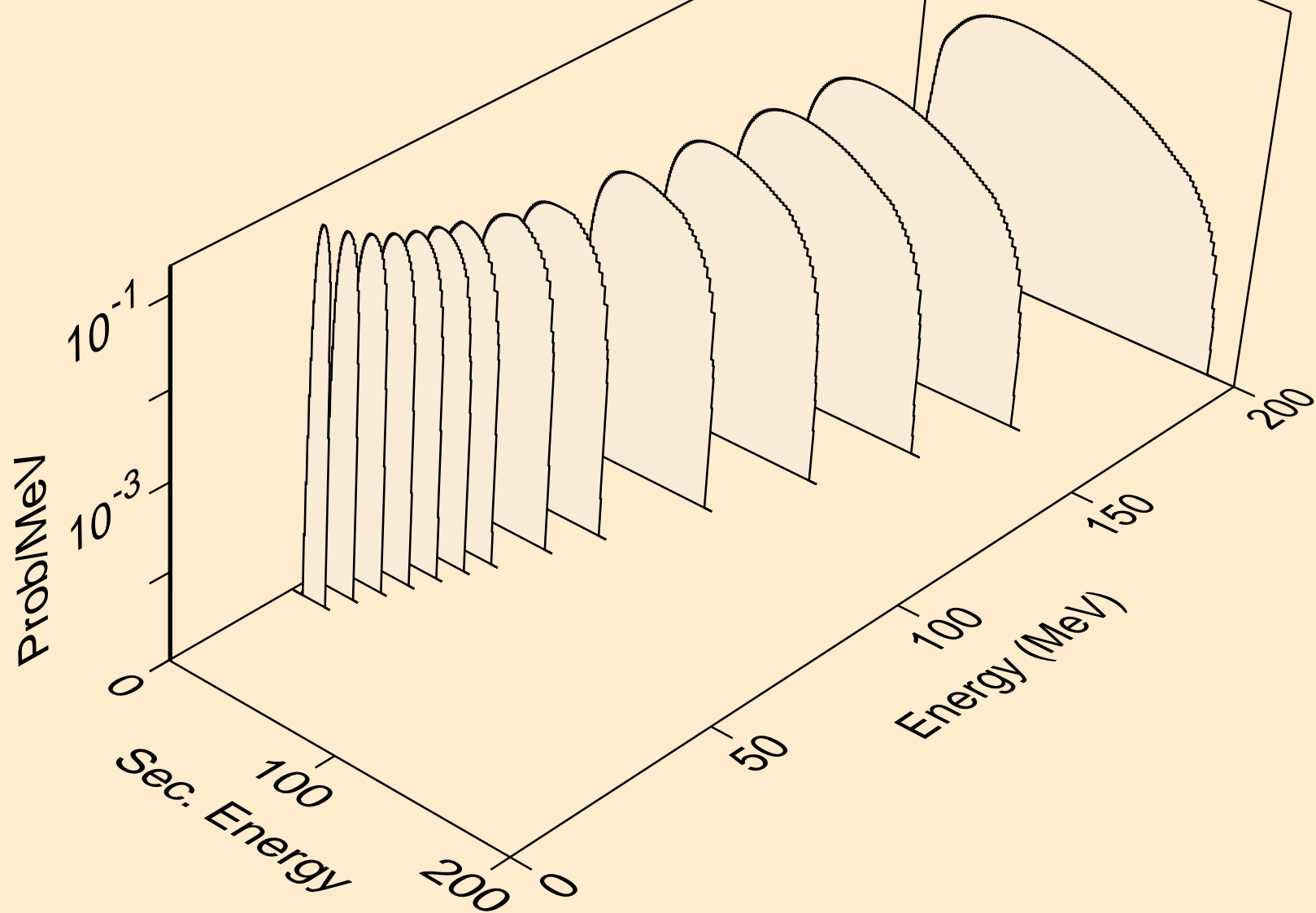
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)

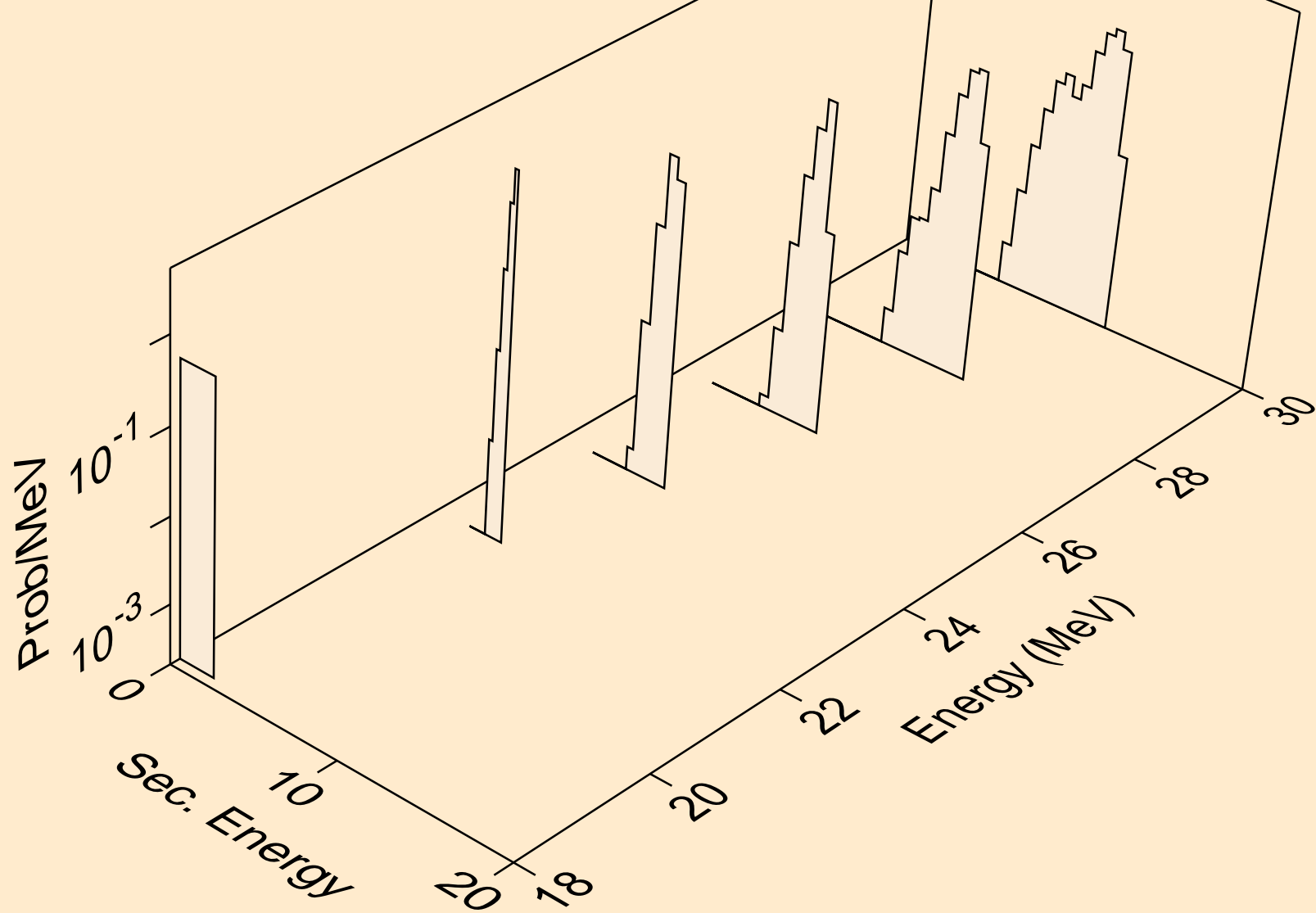


HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)

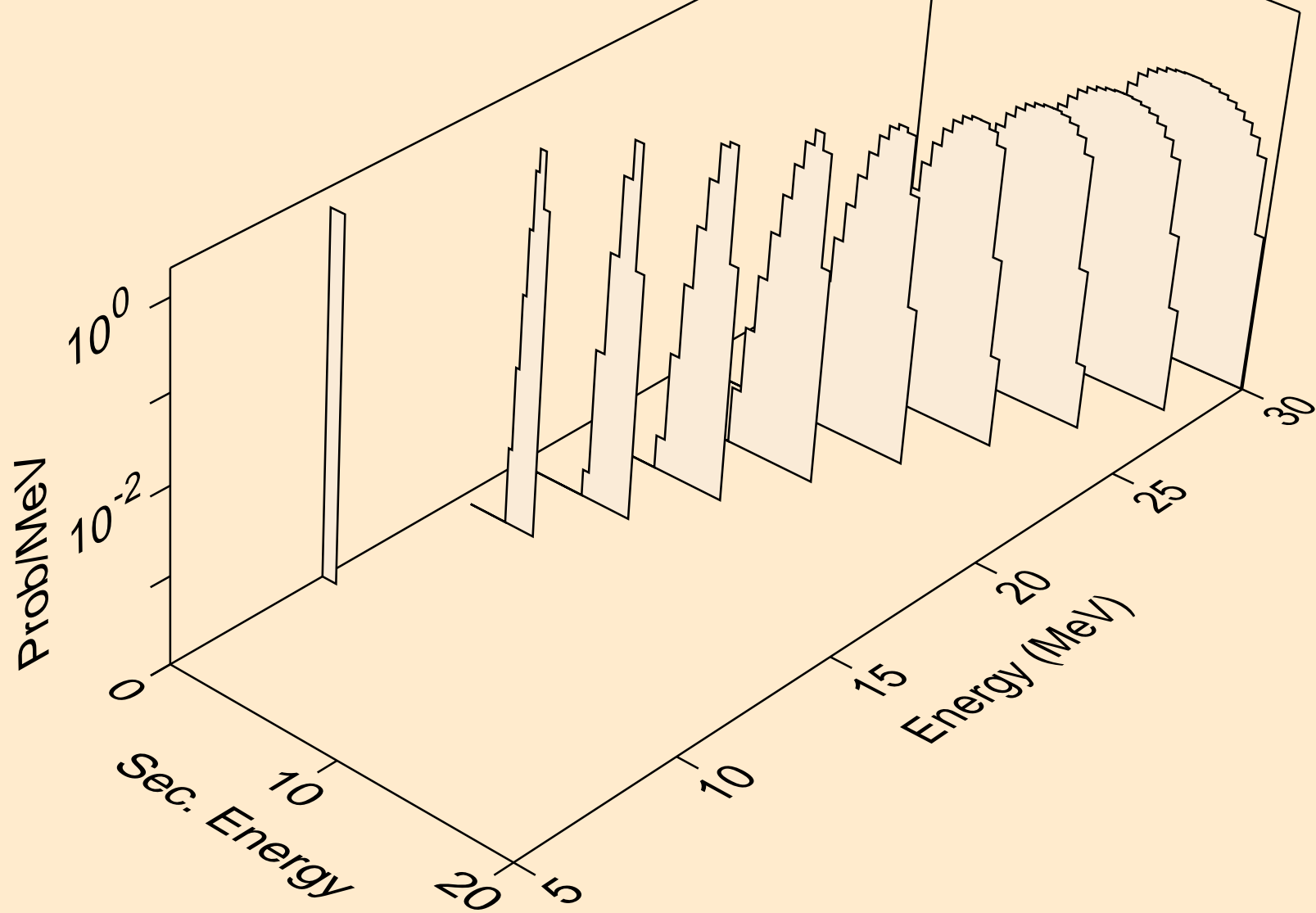




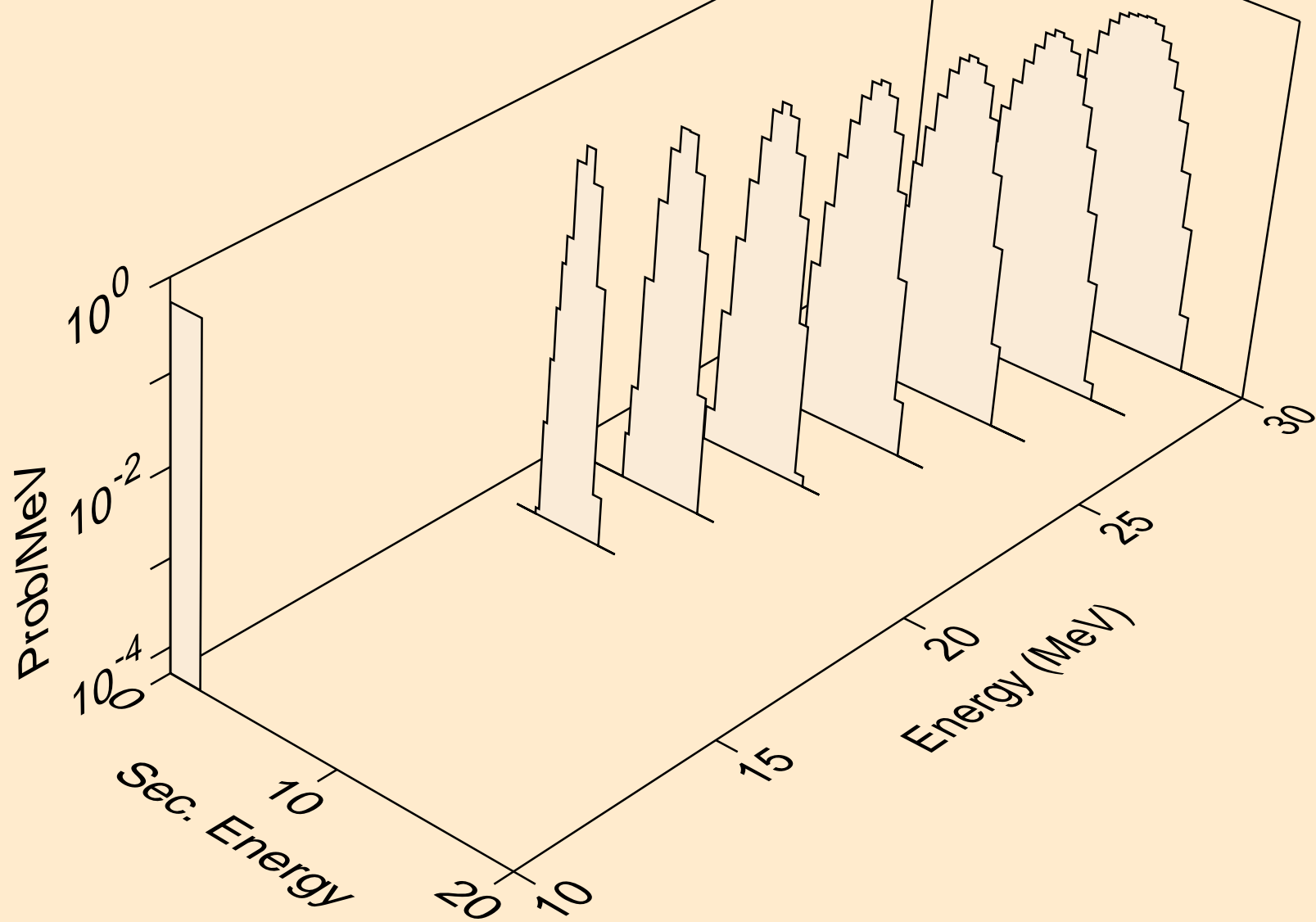
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



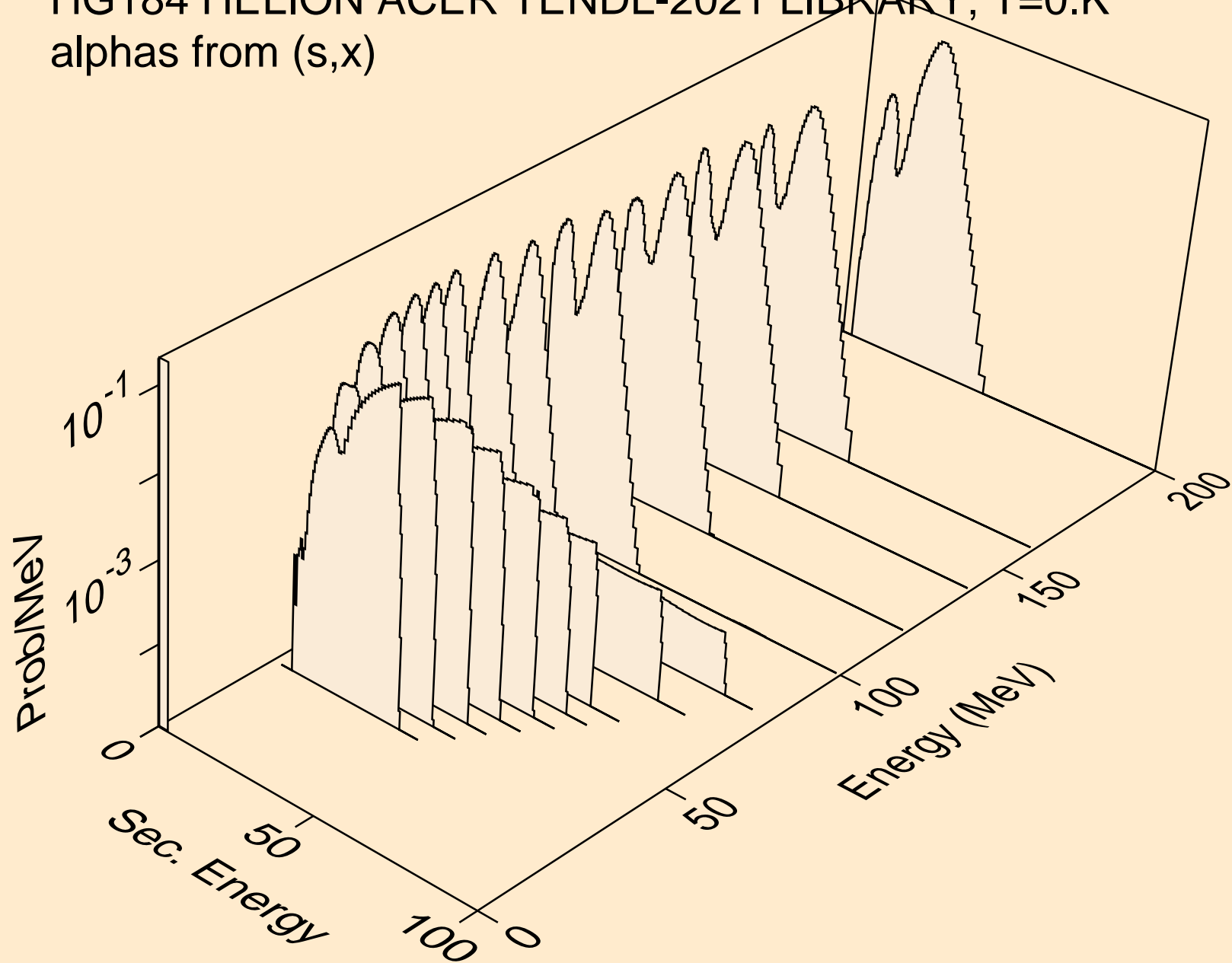
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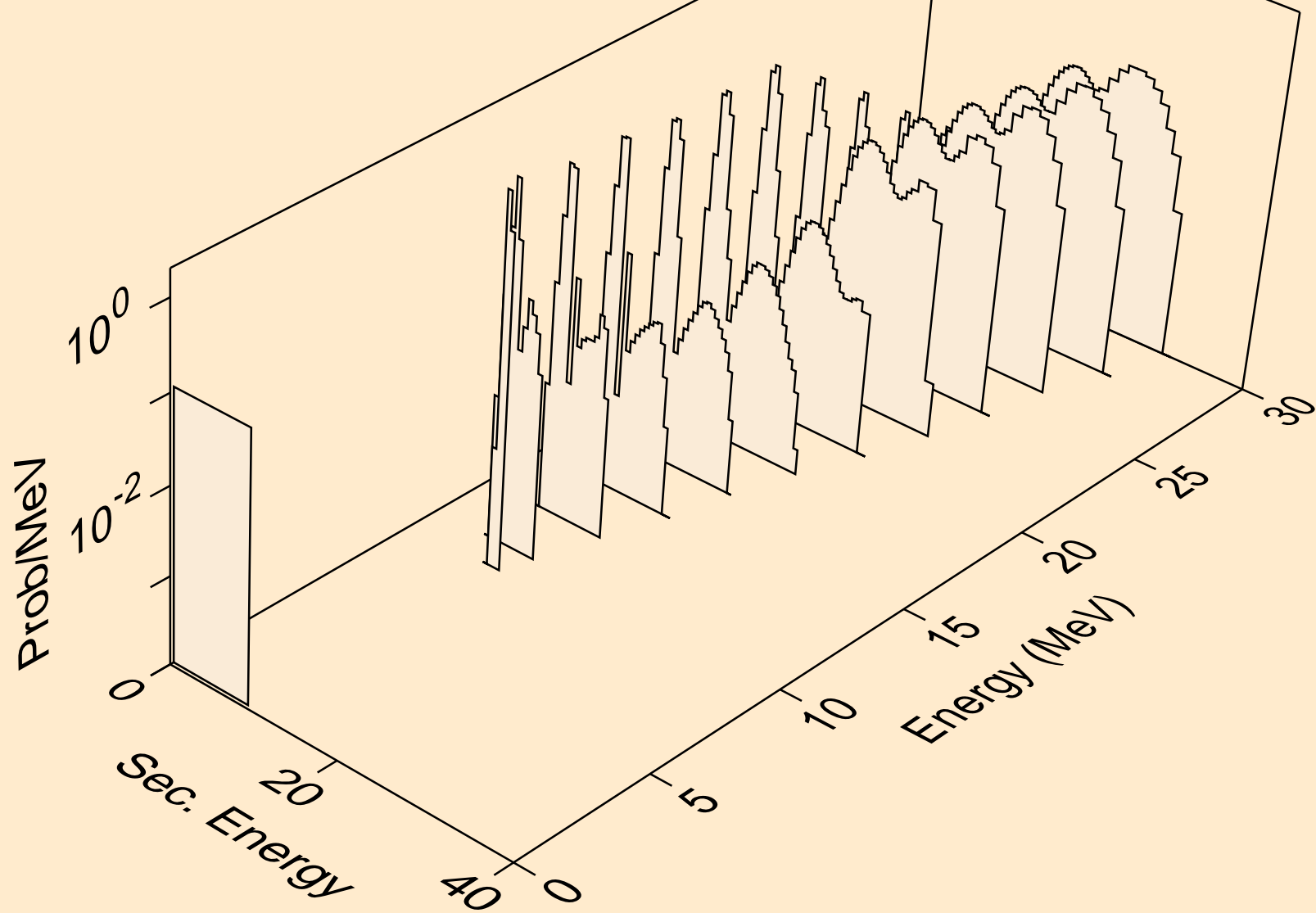
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tritons from (s,pt)



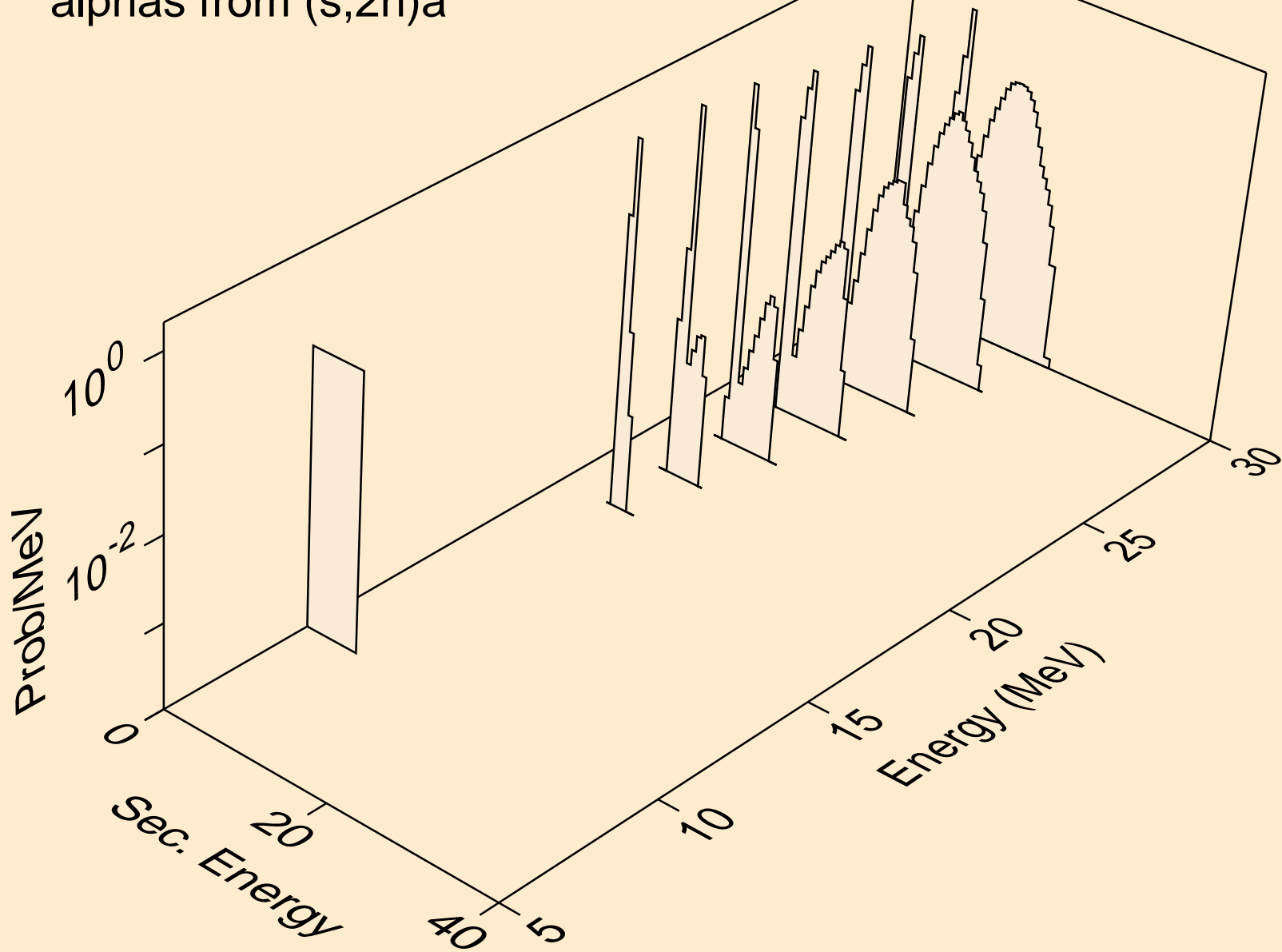
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



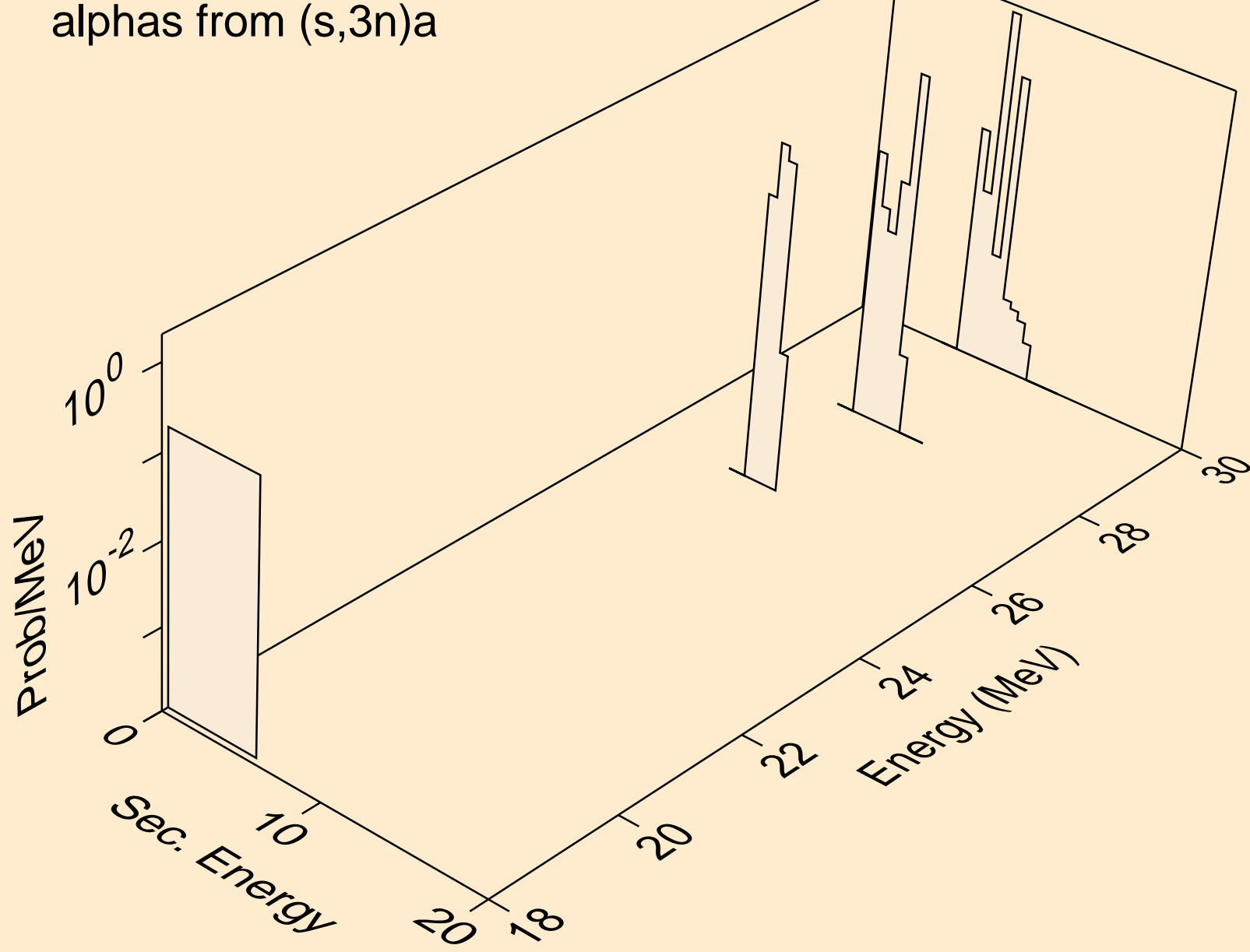
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



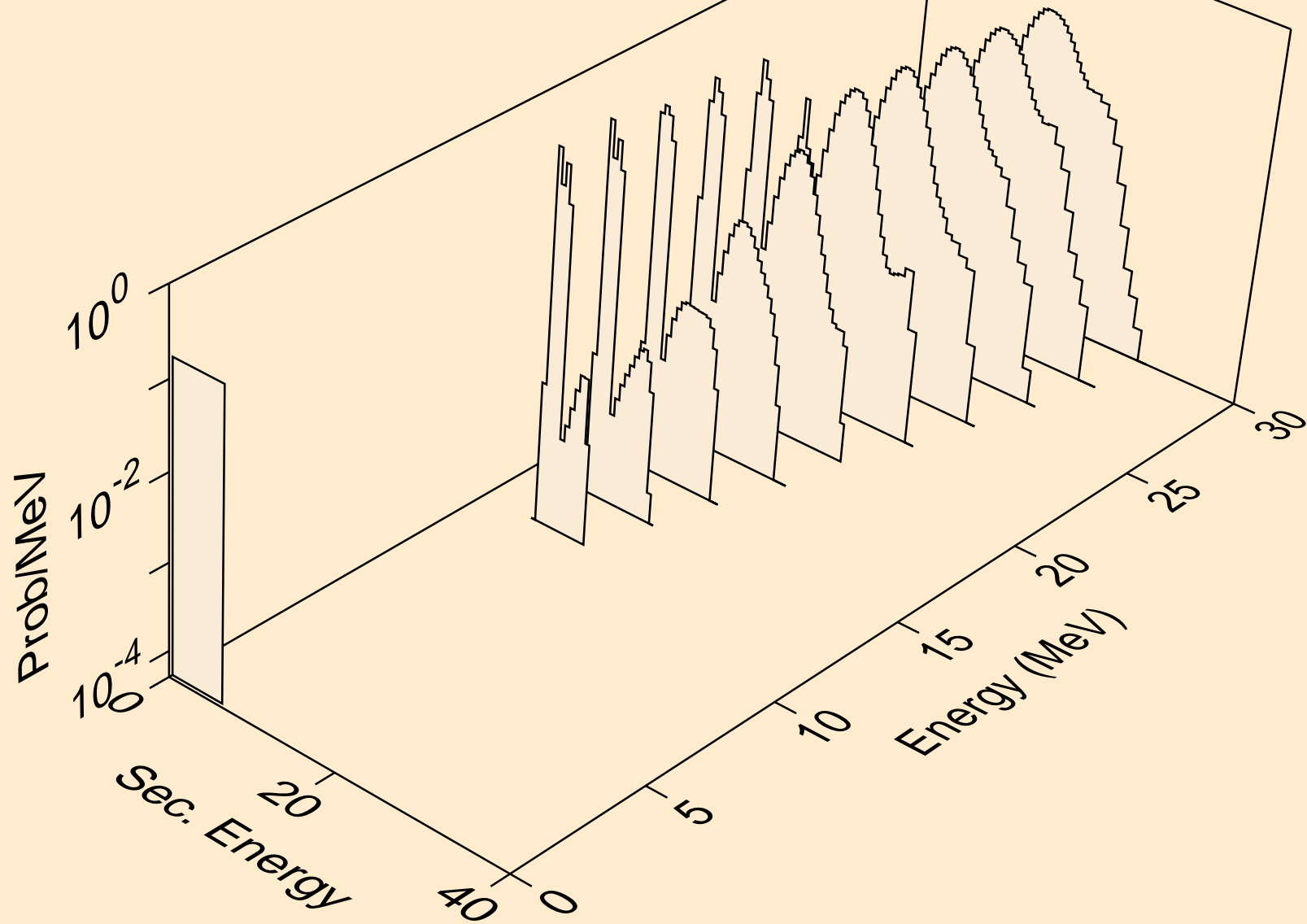
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a

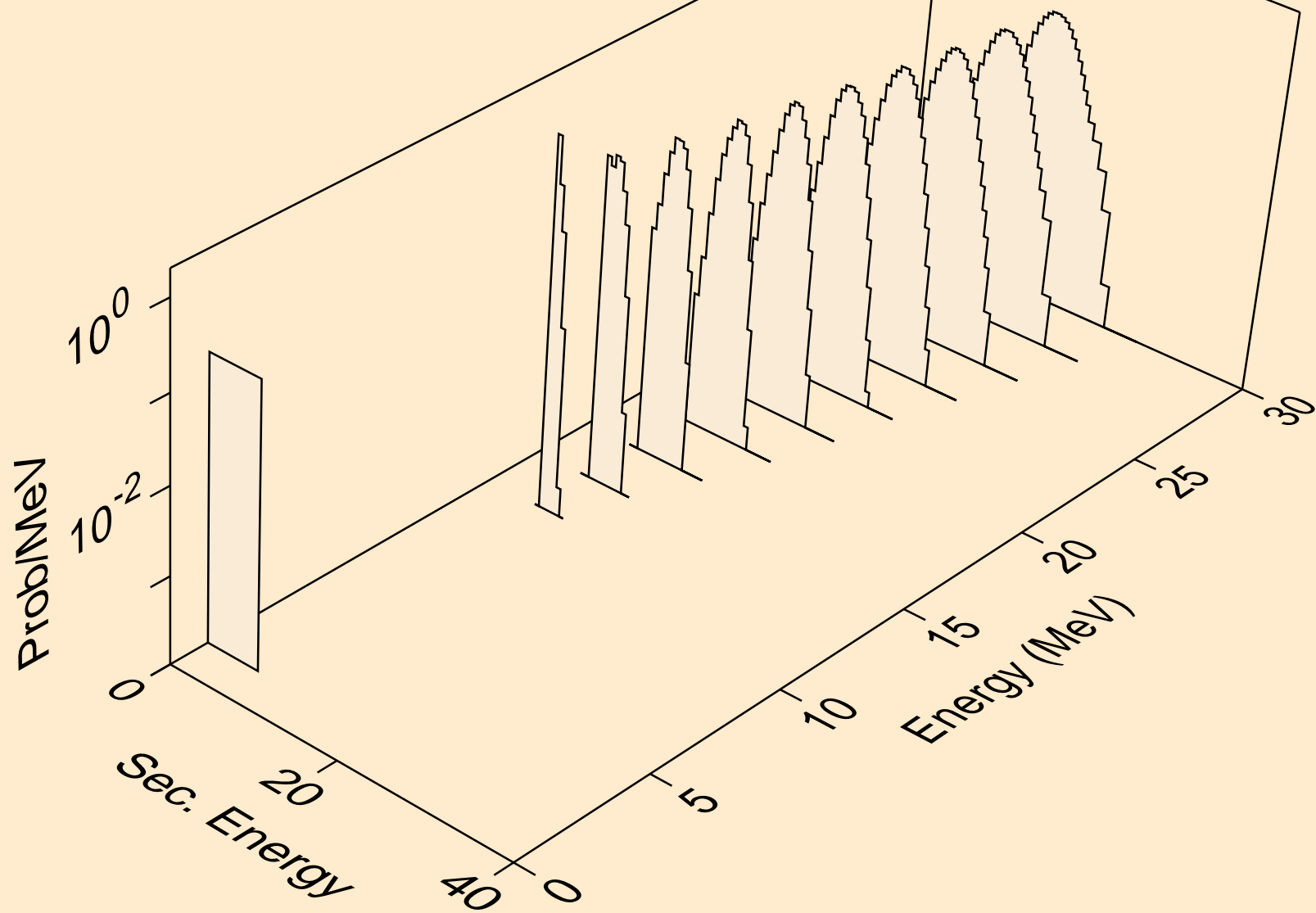


HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a

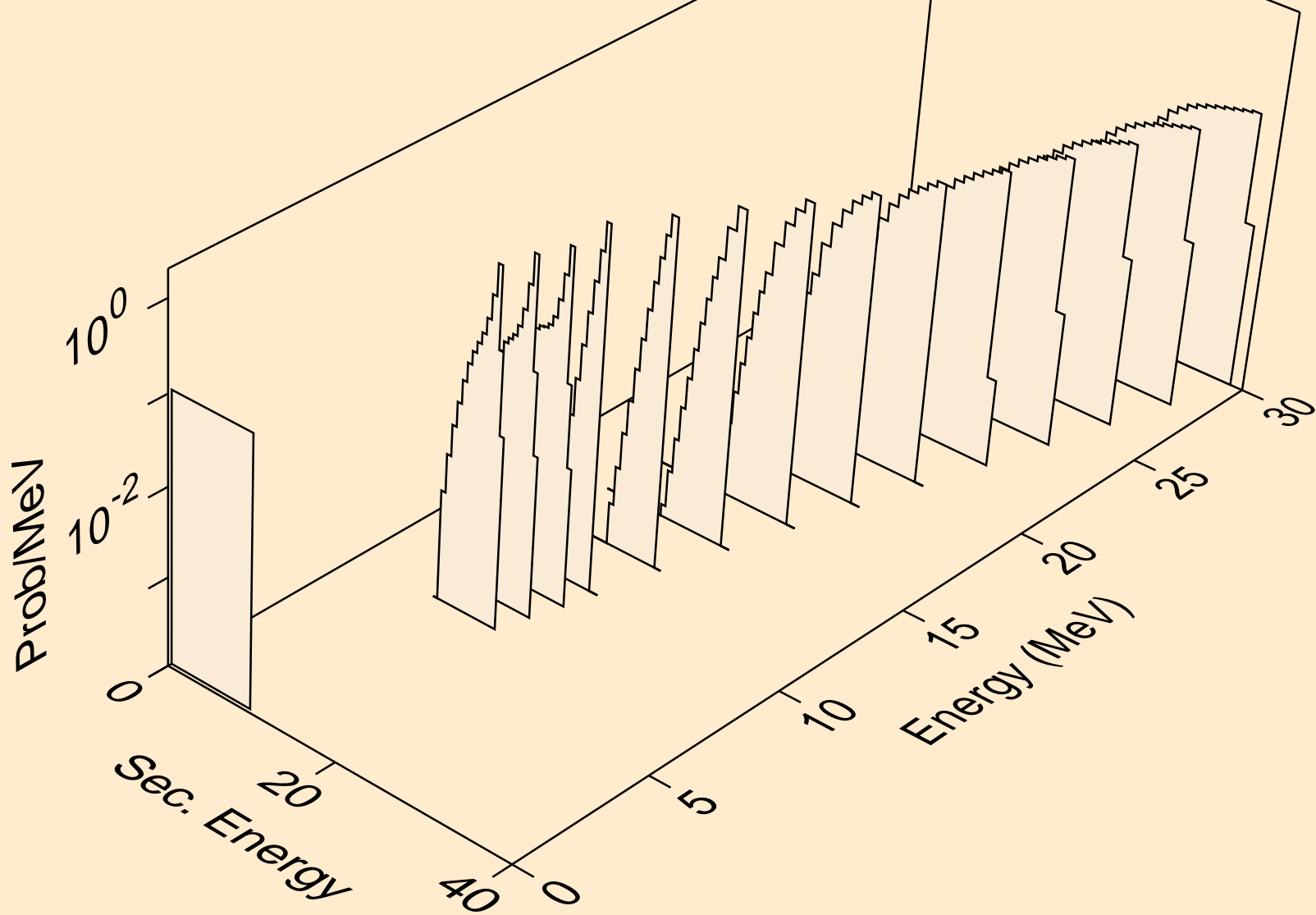




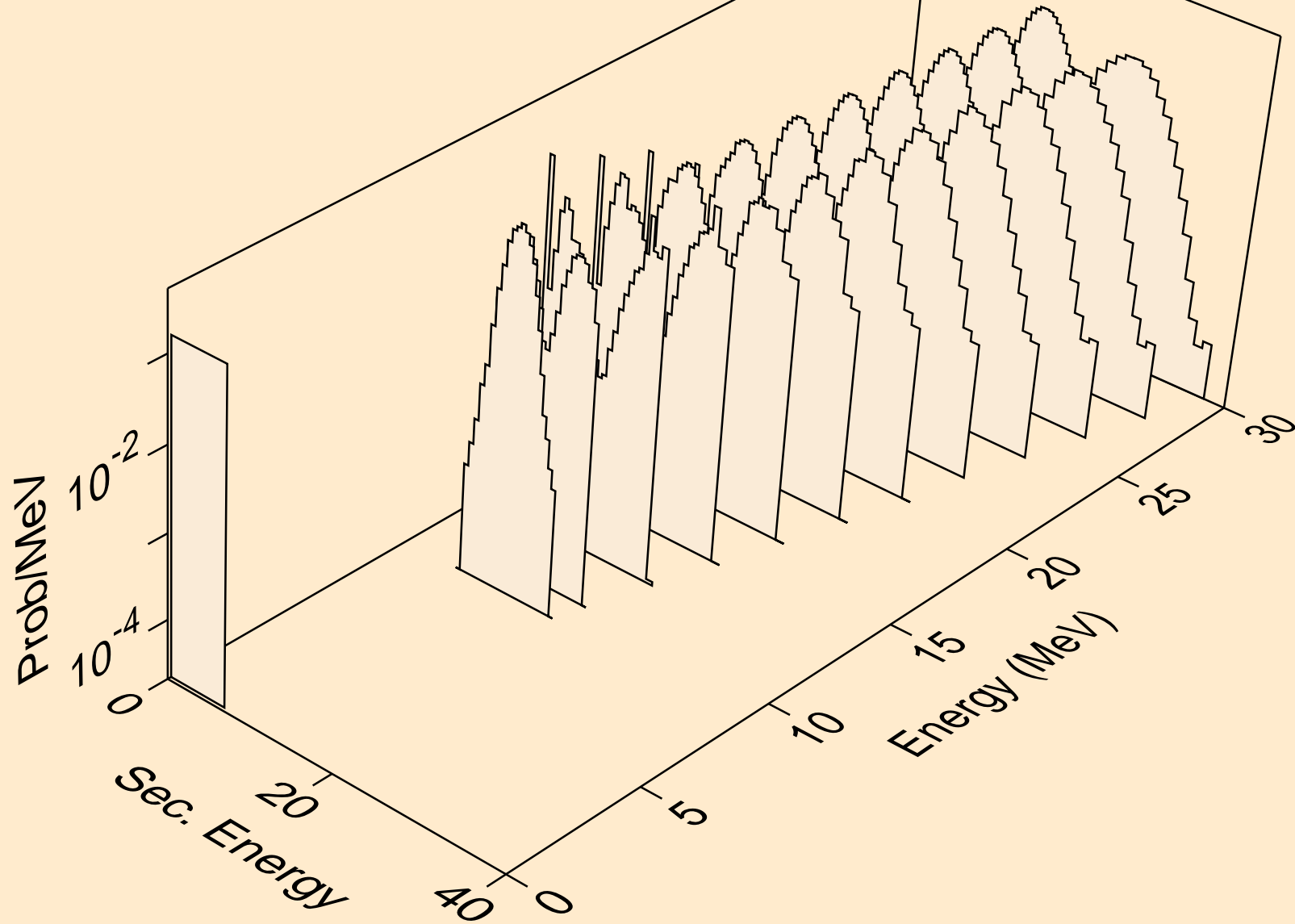
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



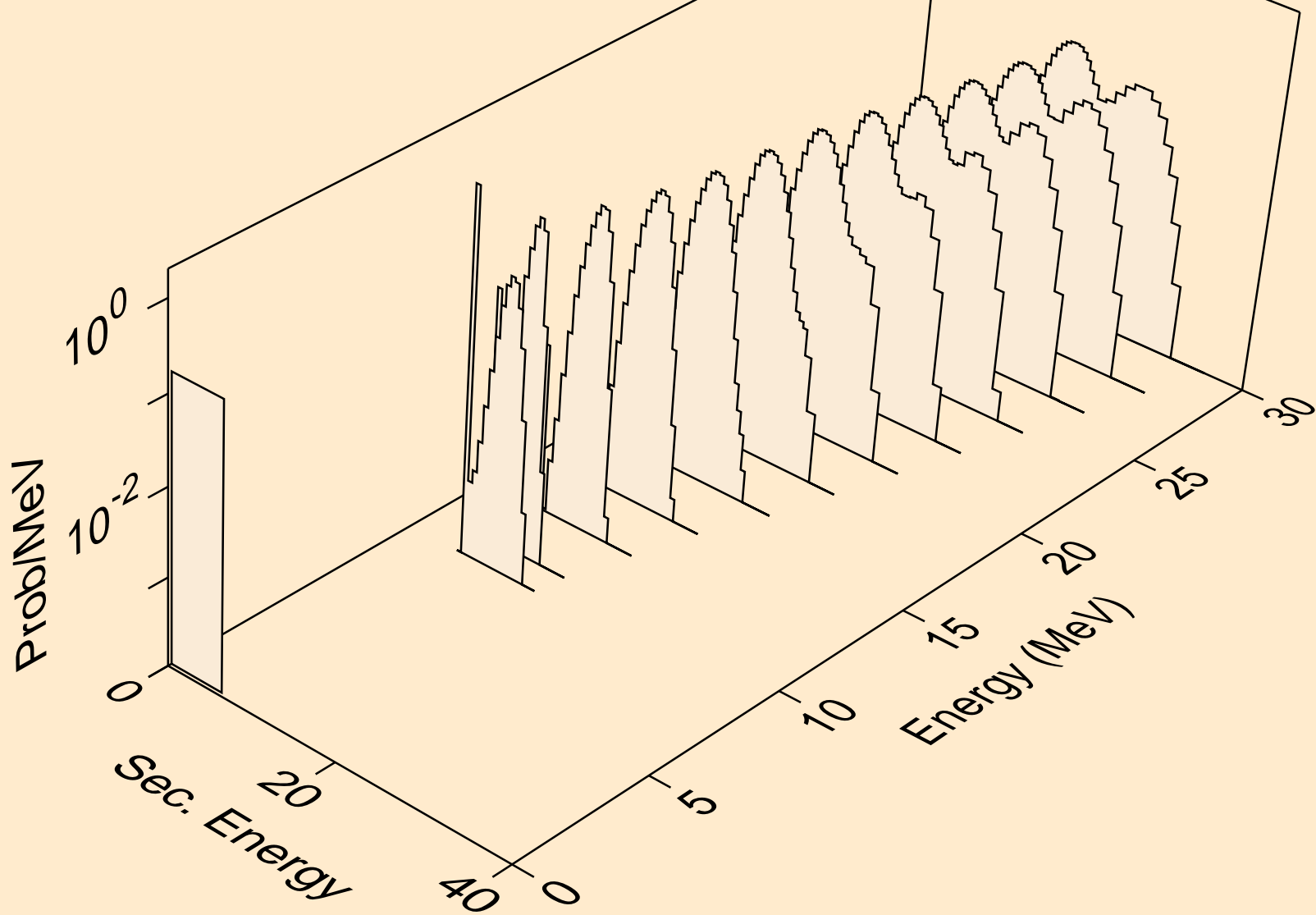
HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



HG184 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

