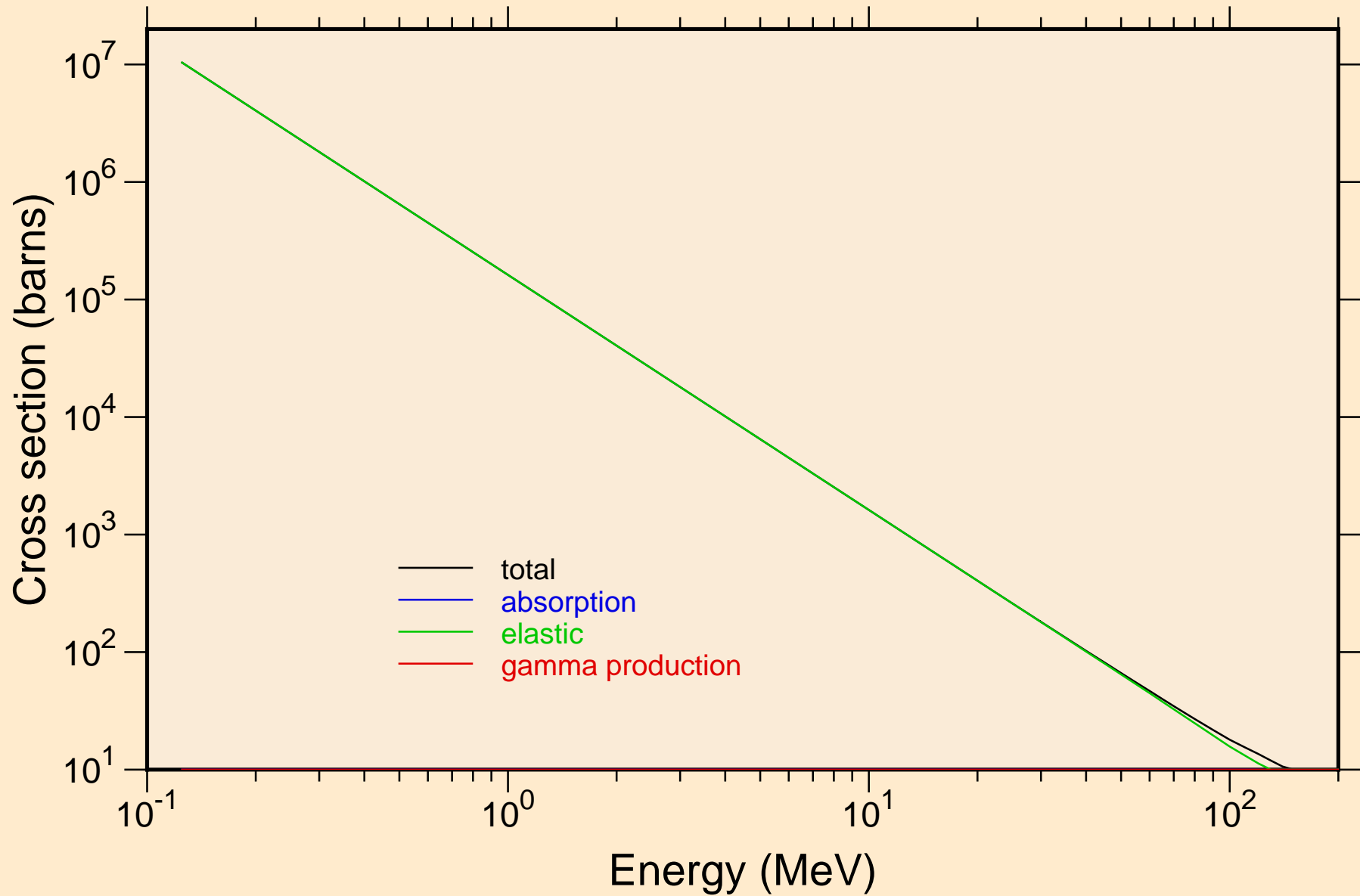
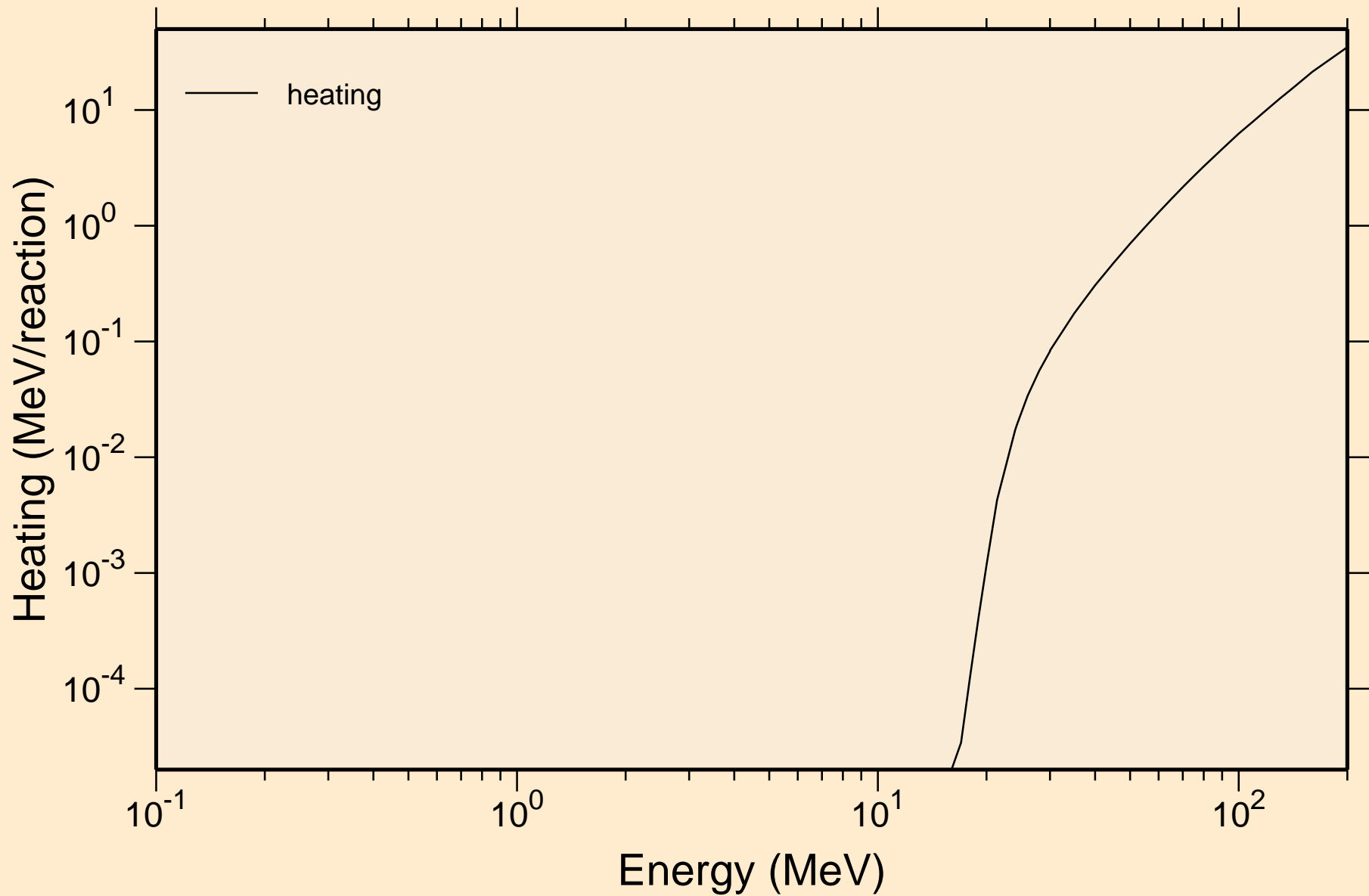


# HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

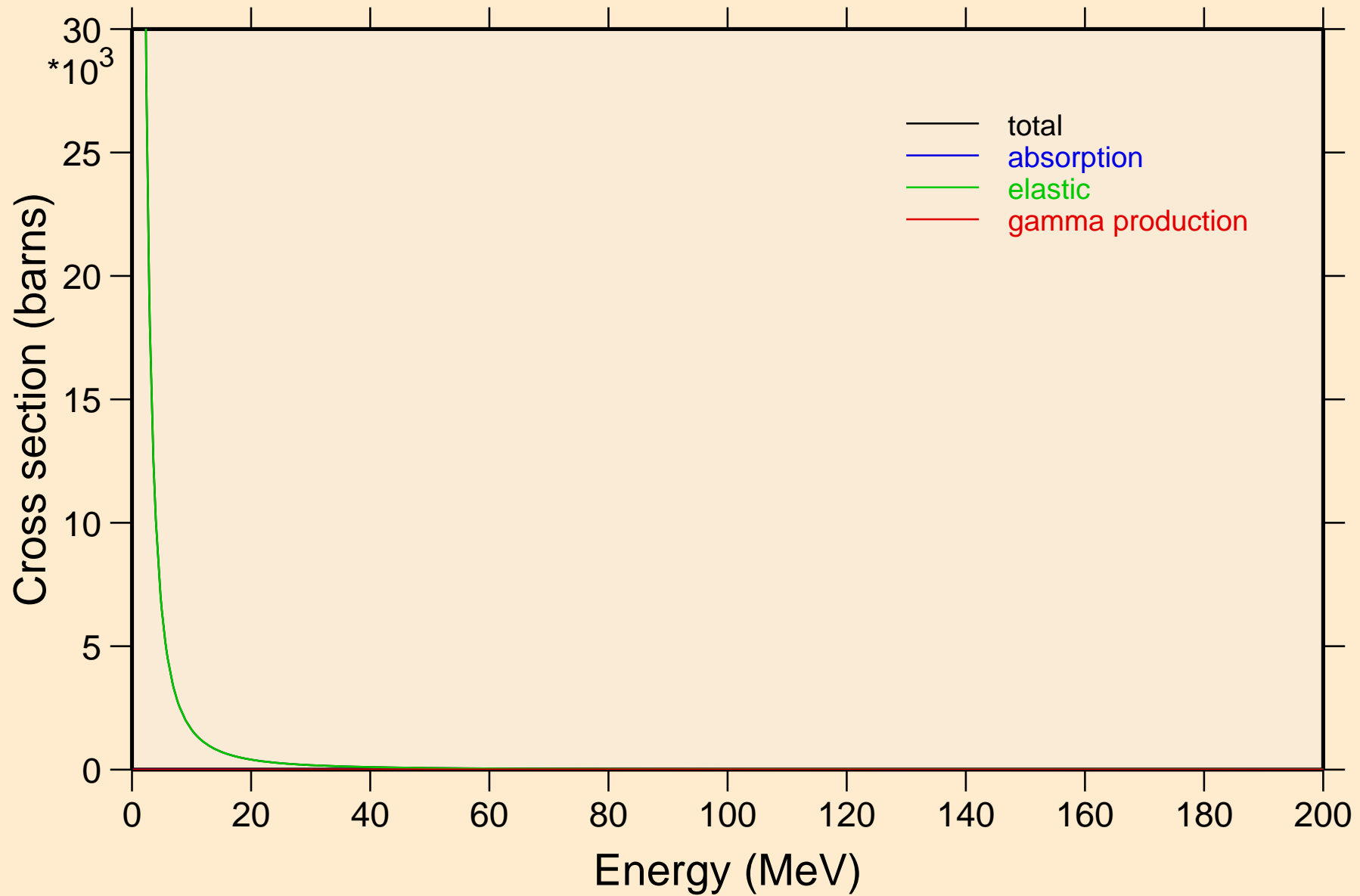


HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Heating



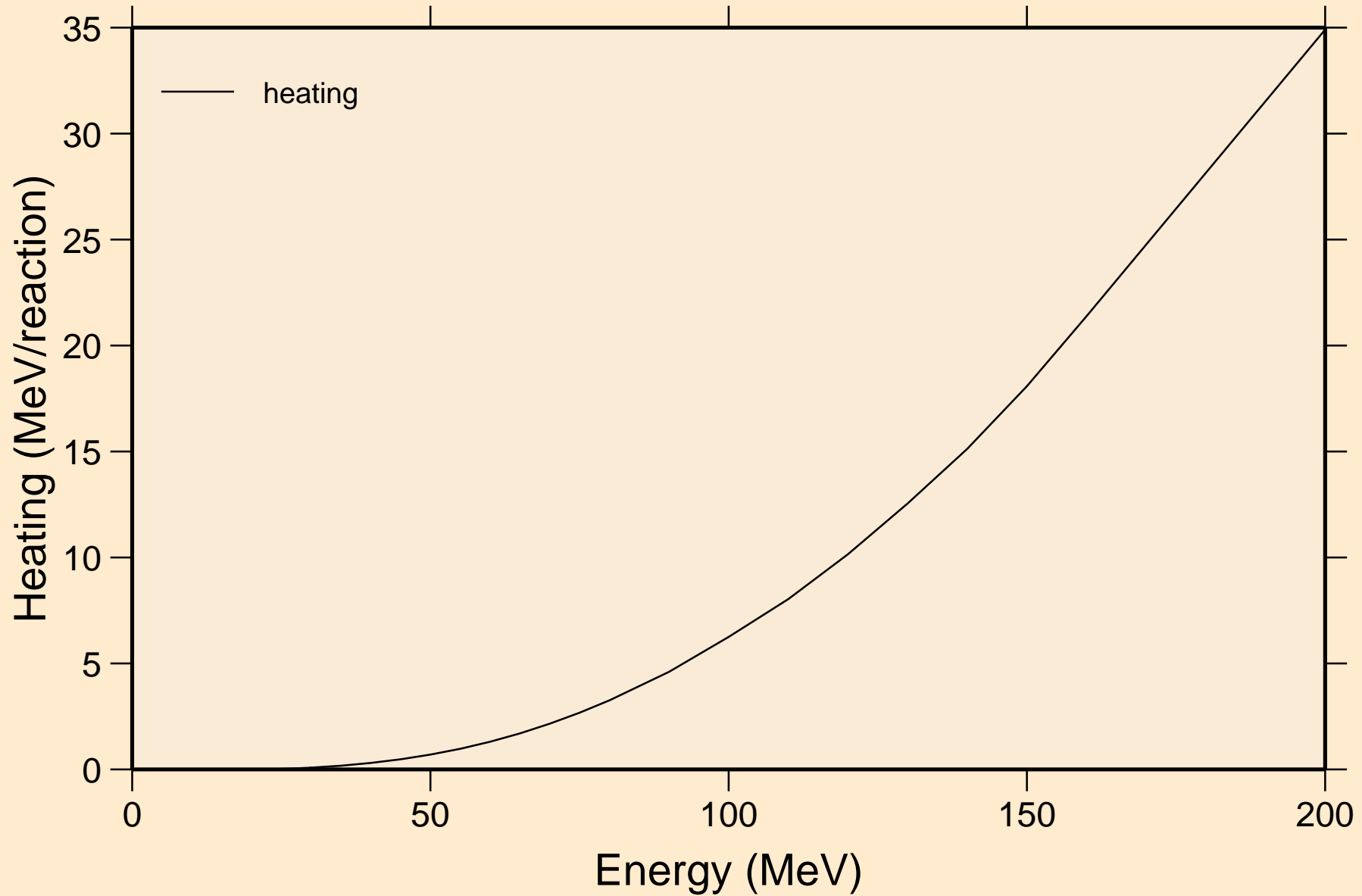
# HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



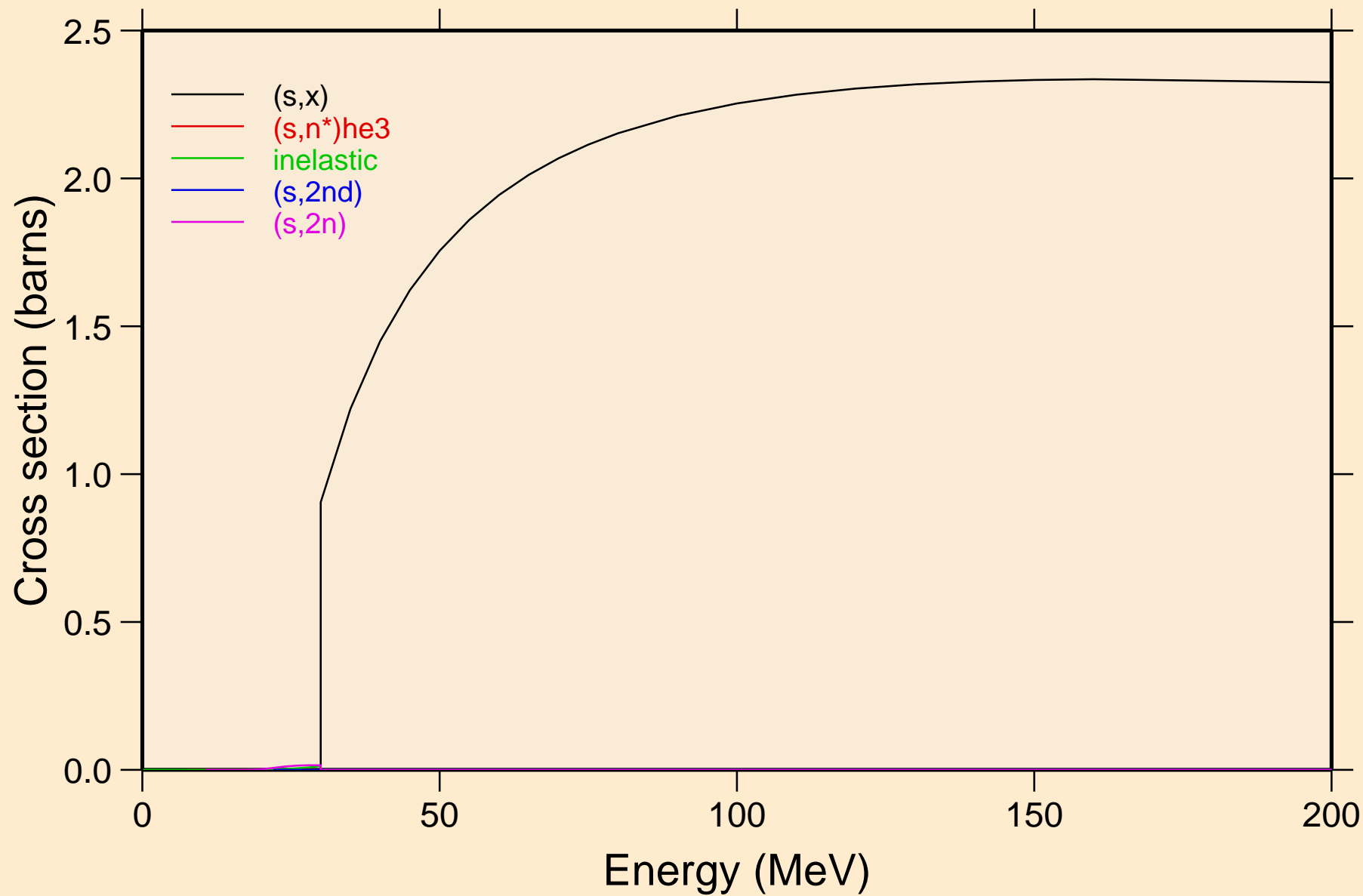
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K

Heating



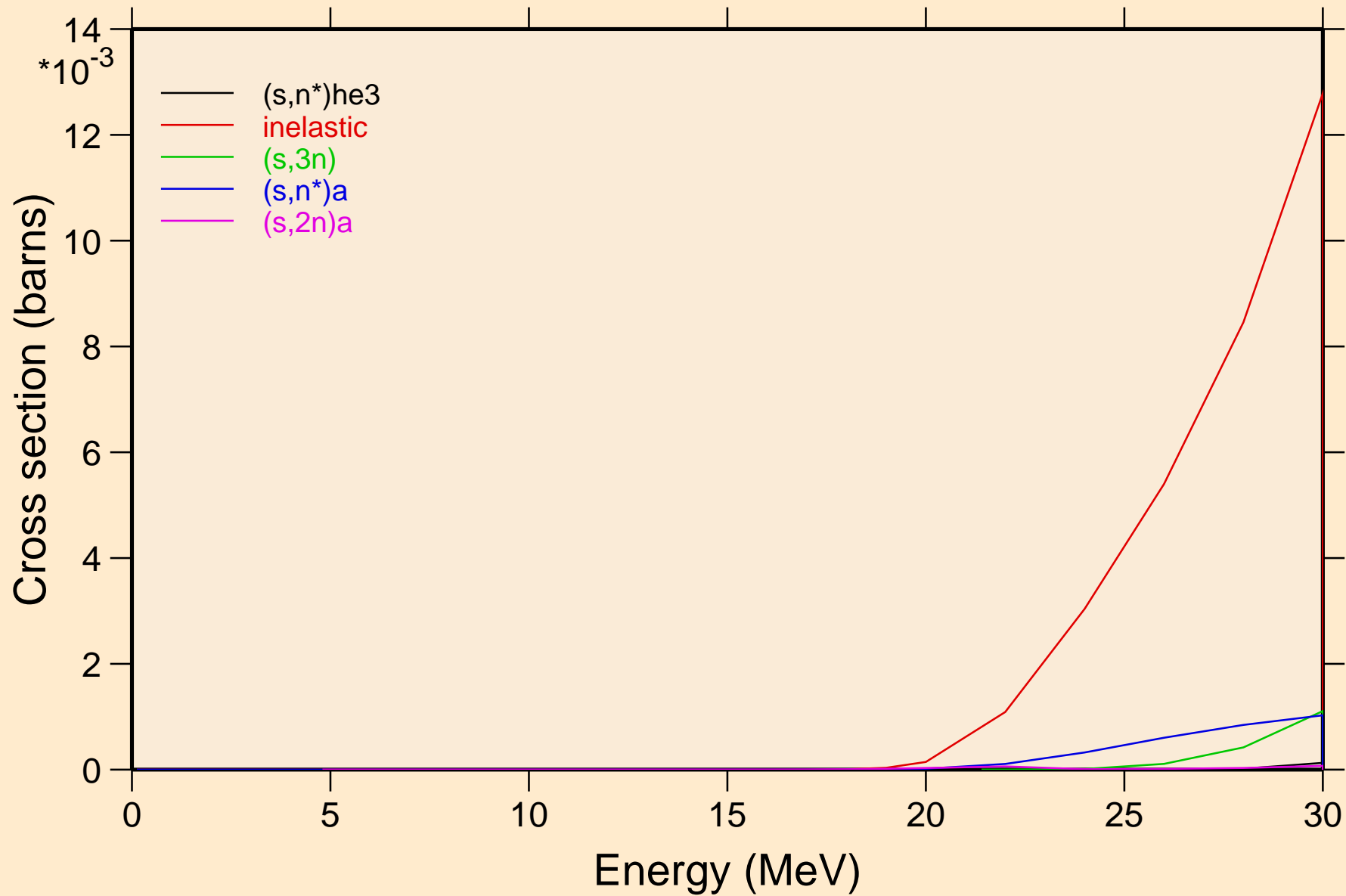
# HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



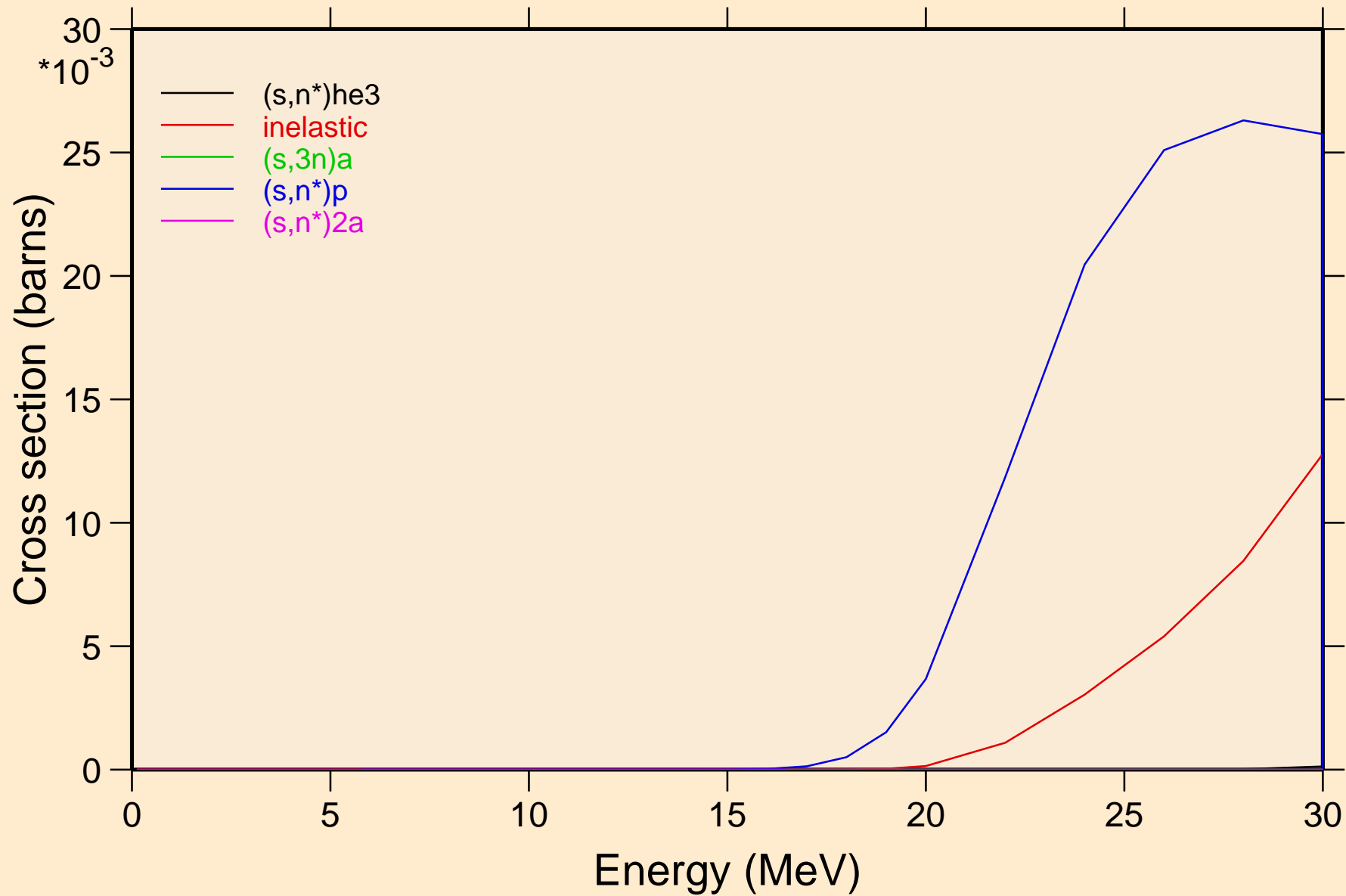
# HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



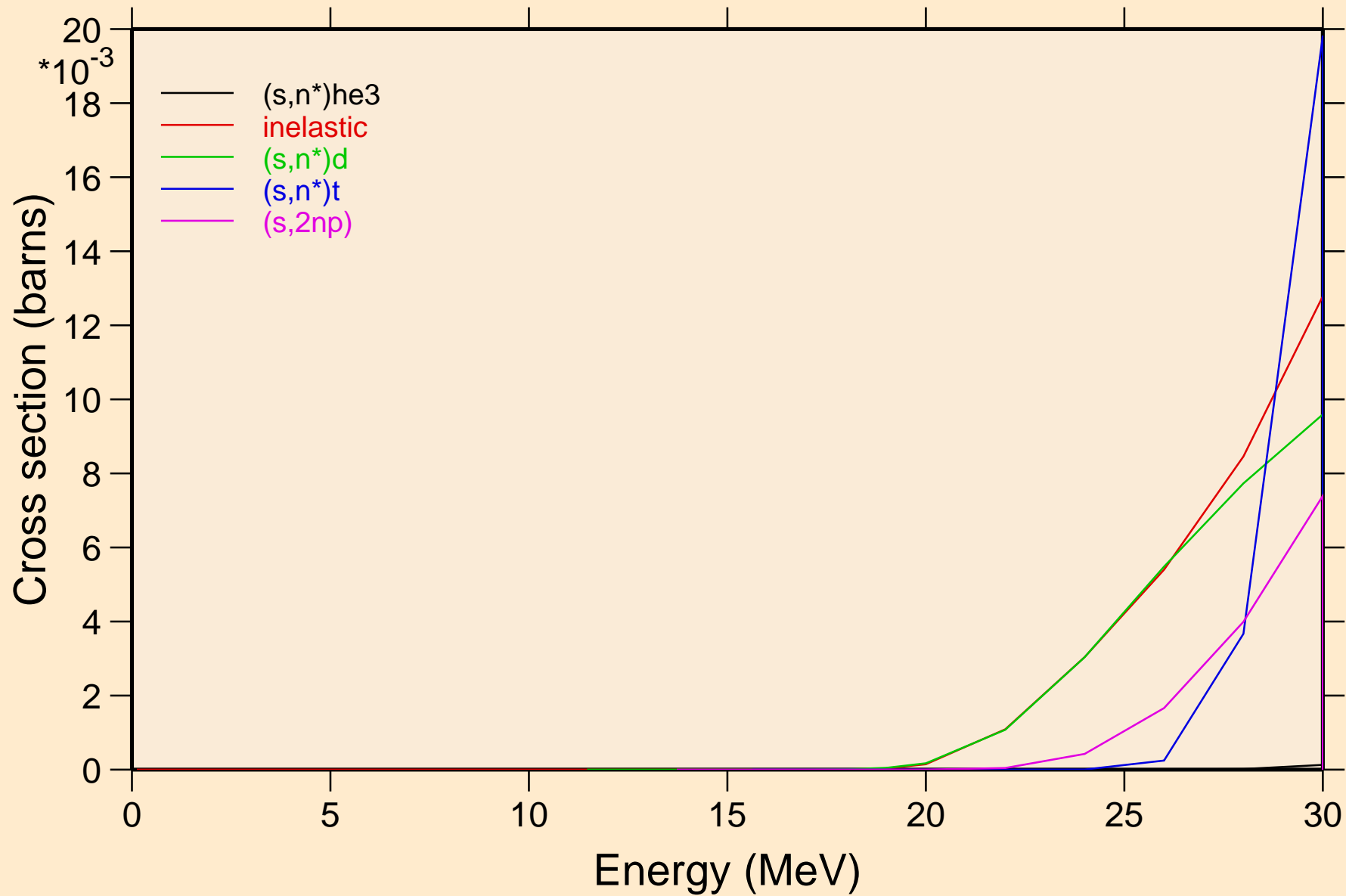
# HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



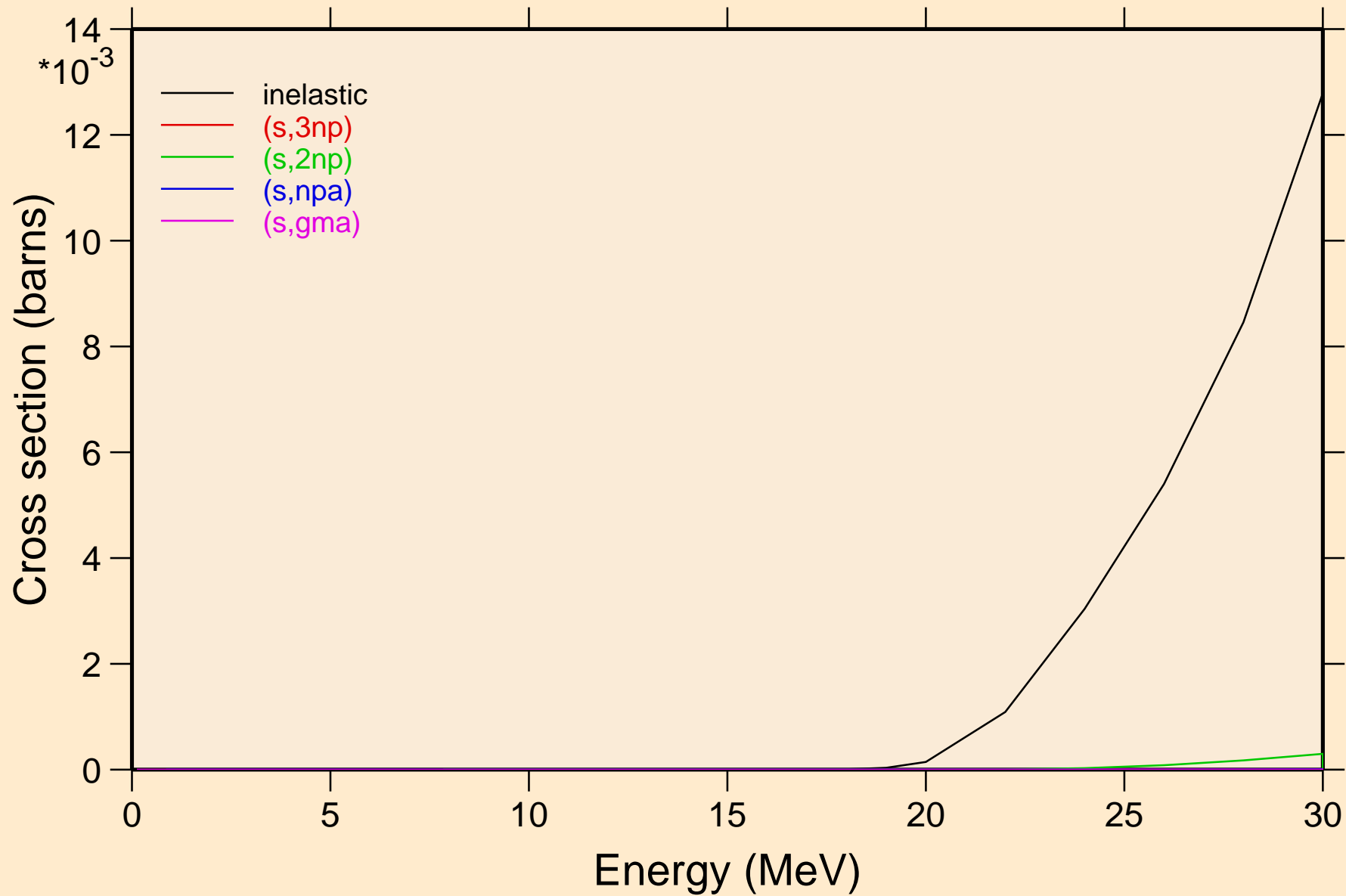
# HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



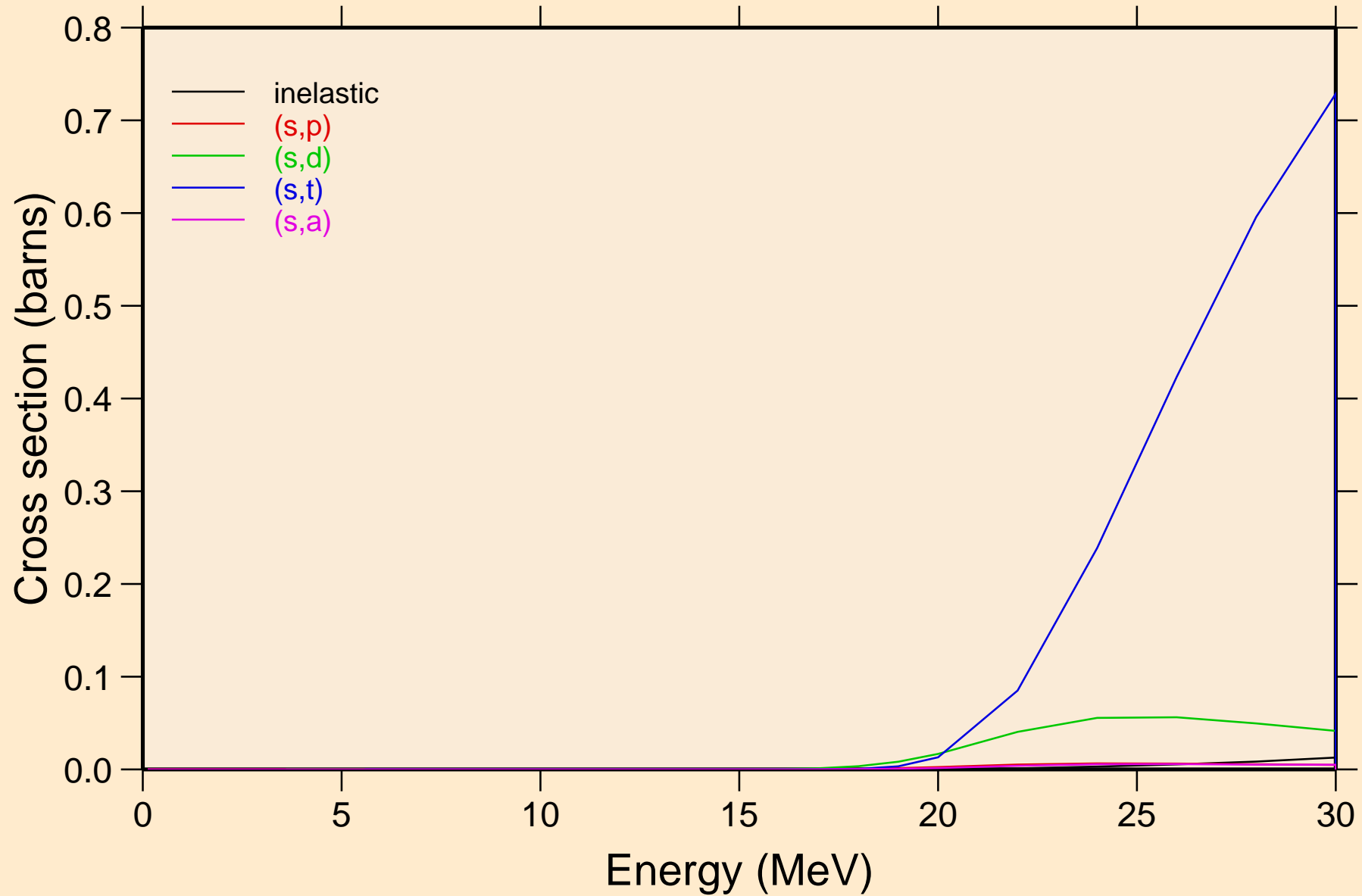


HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



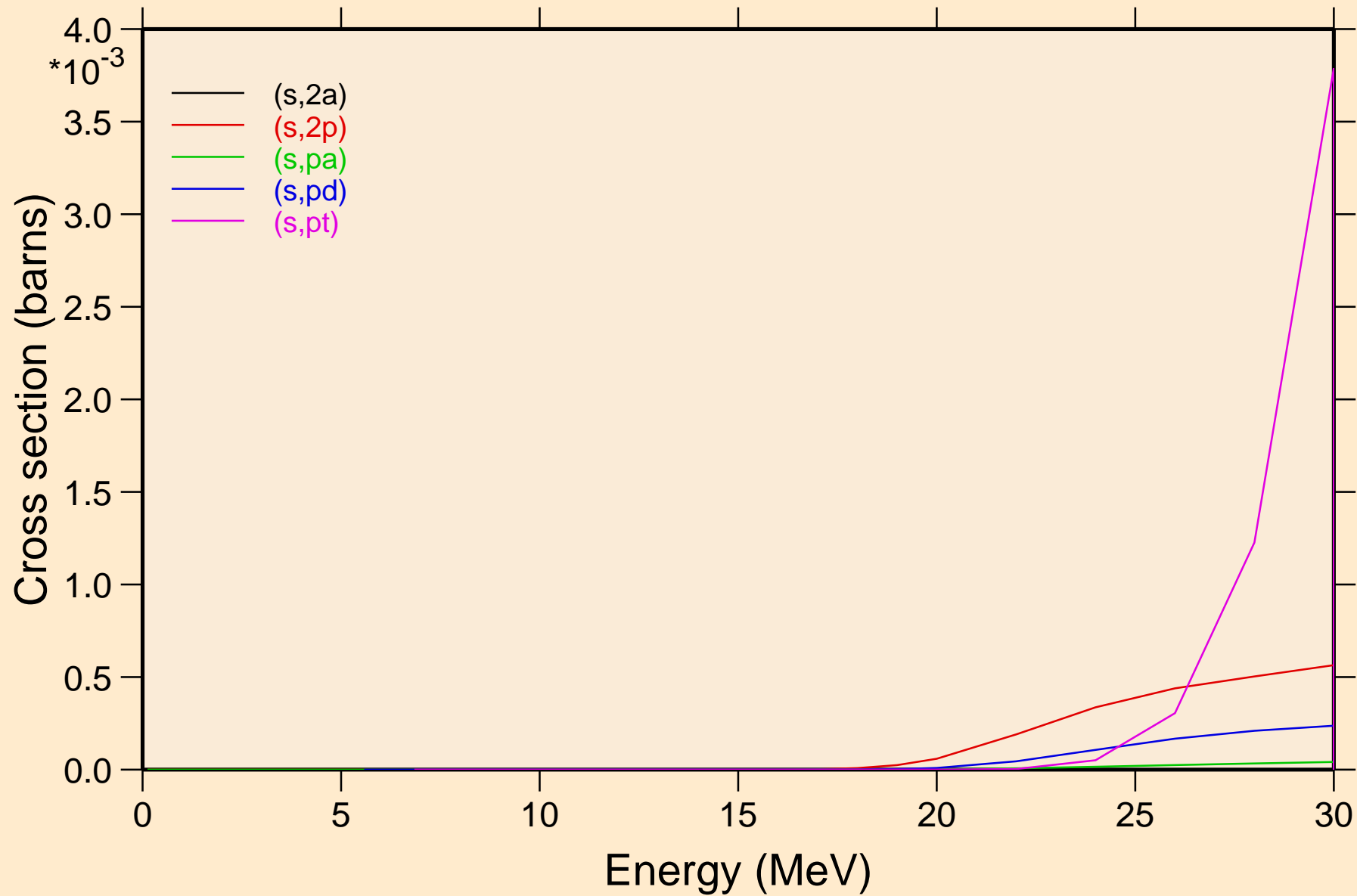
# HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

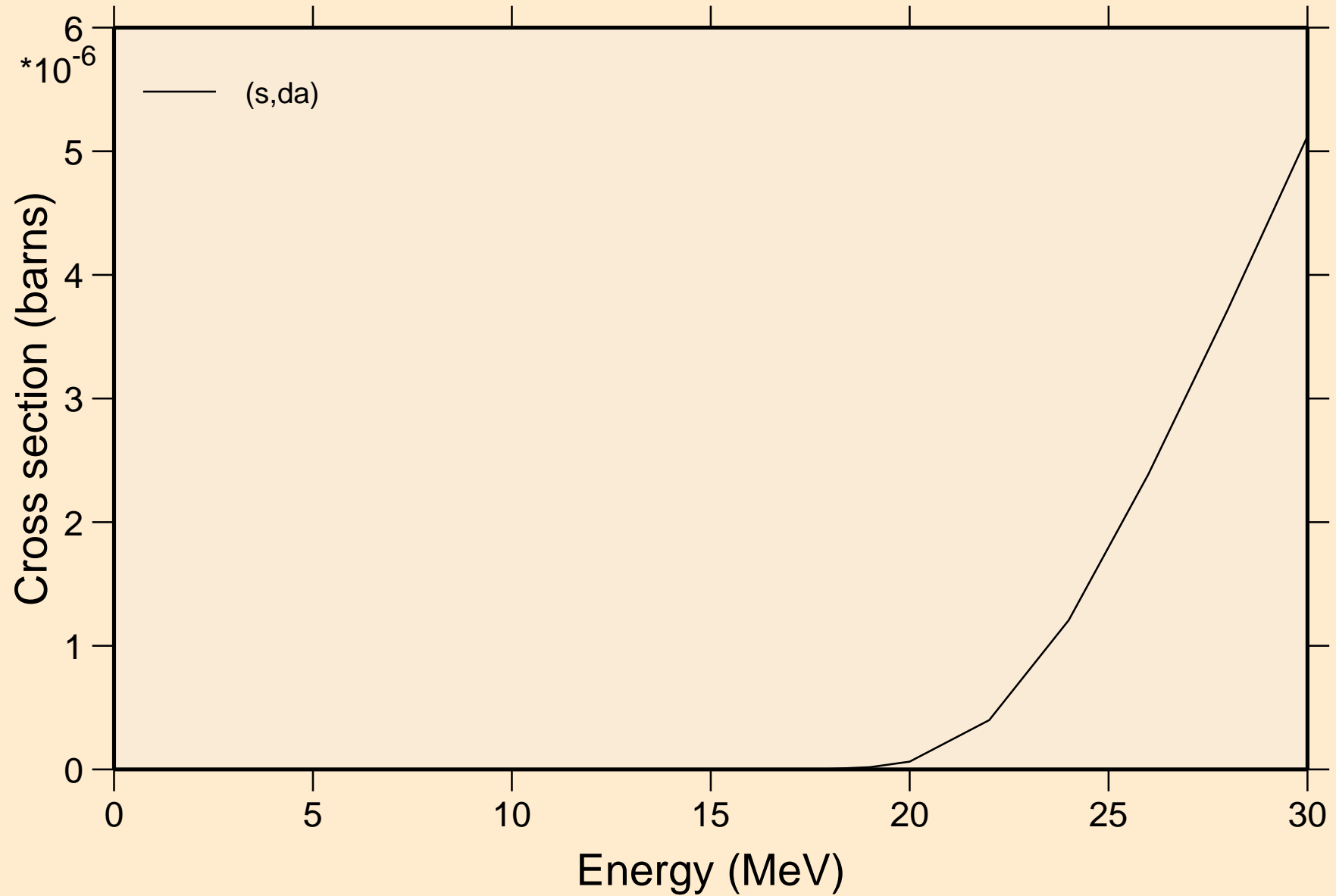


# HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K

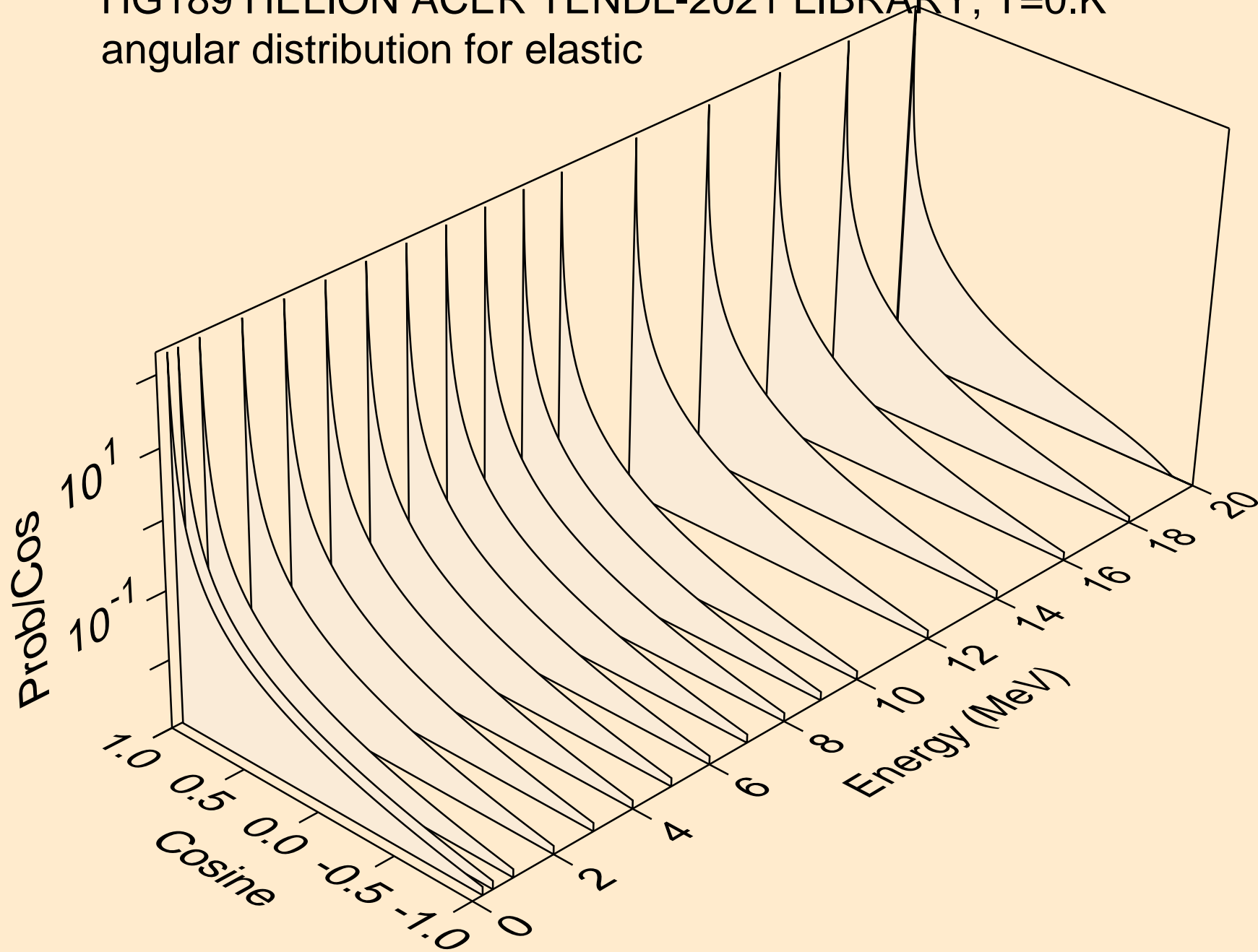
## Threshold reactions



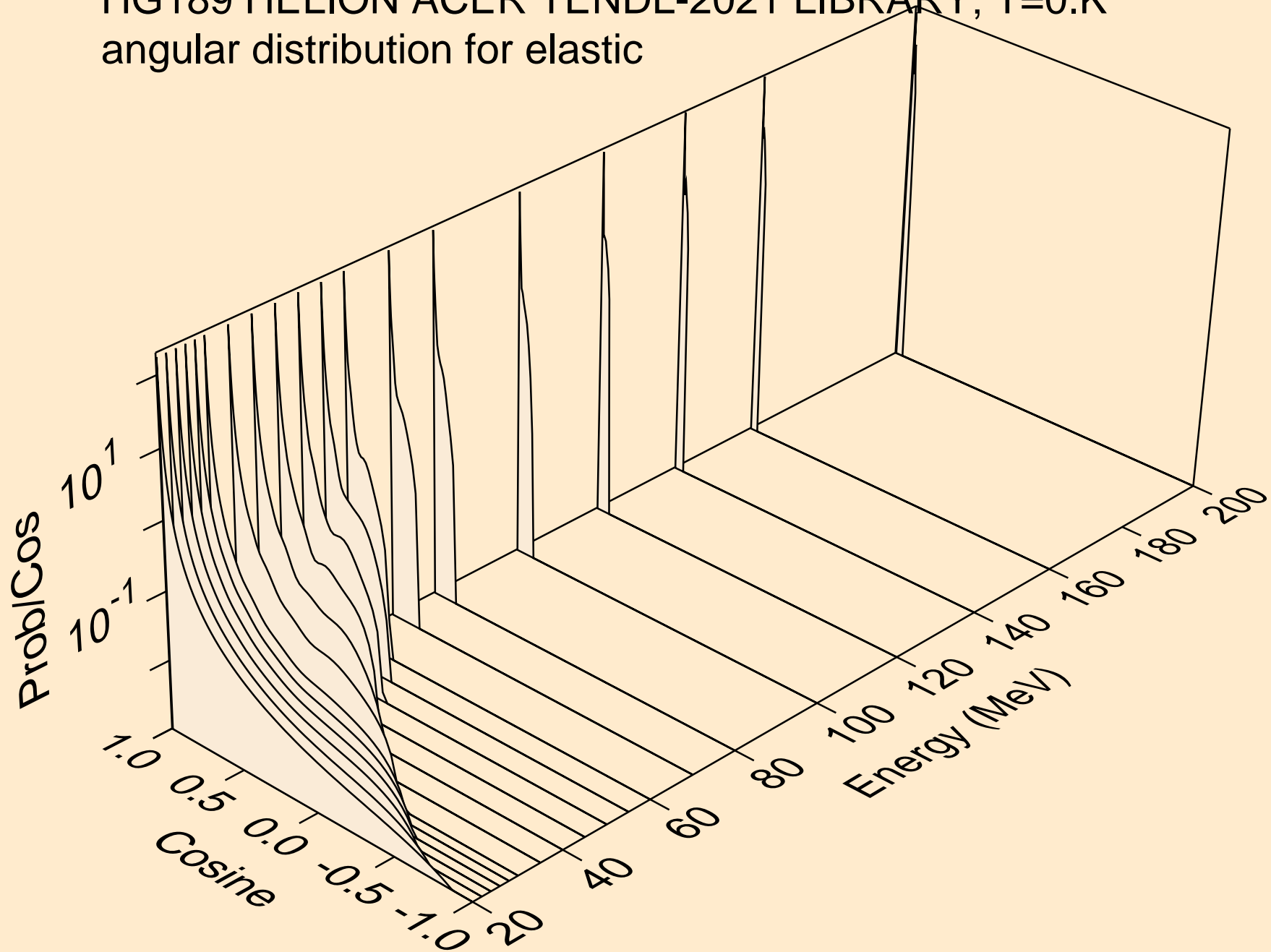
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



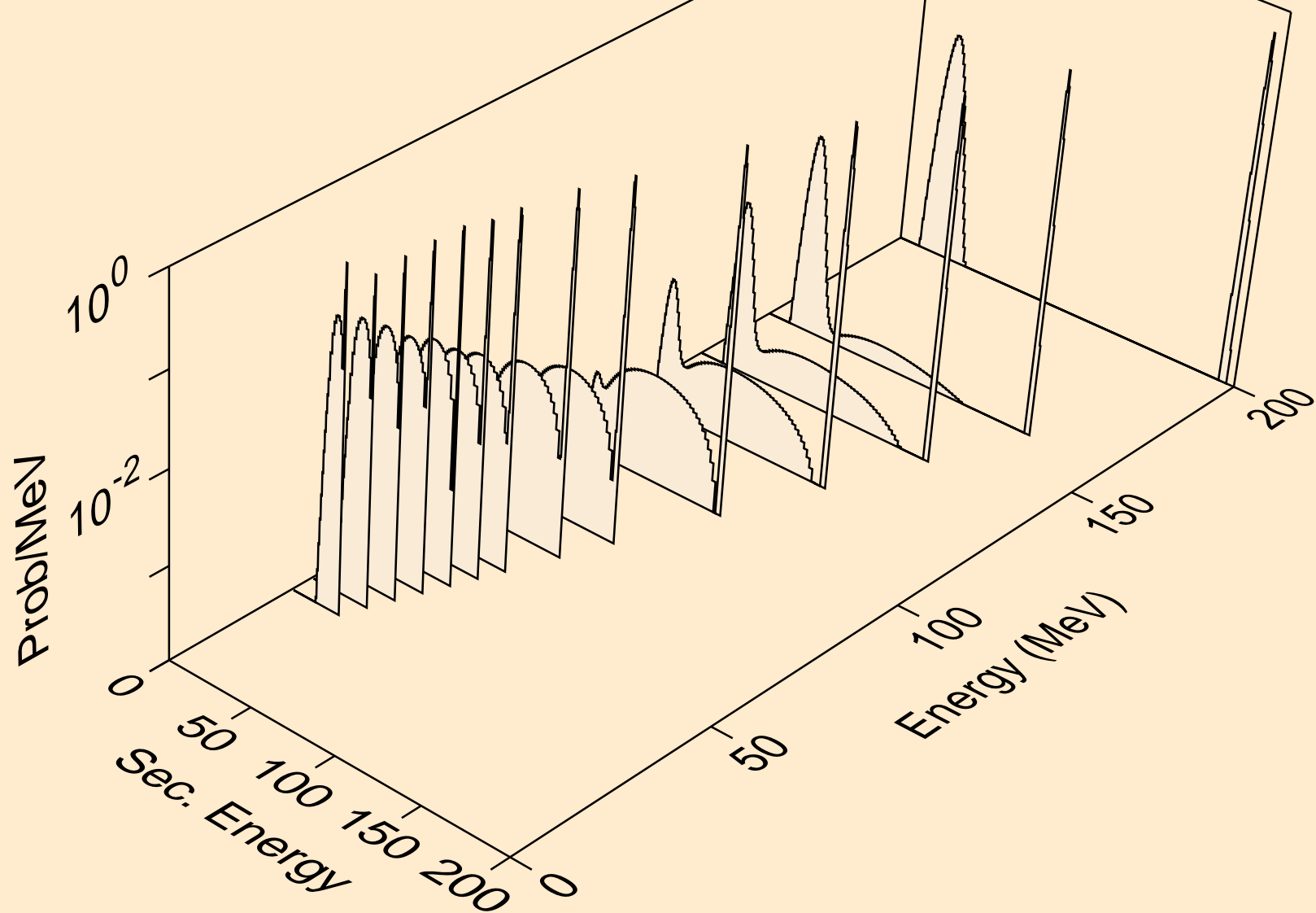
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



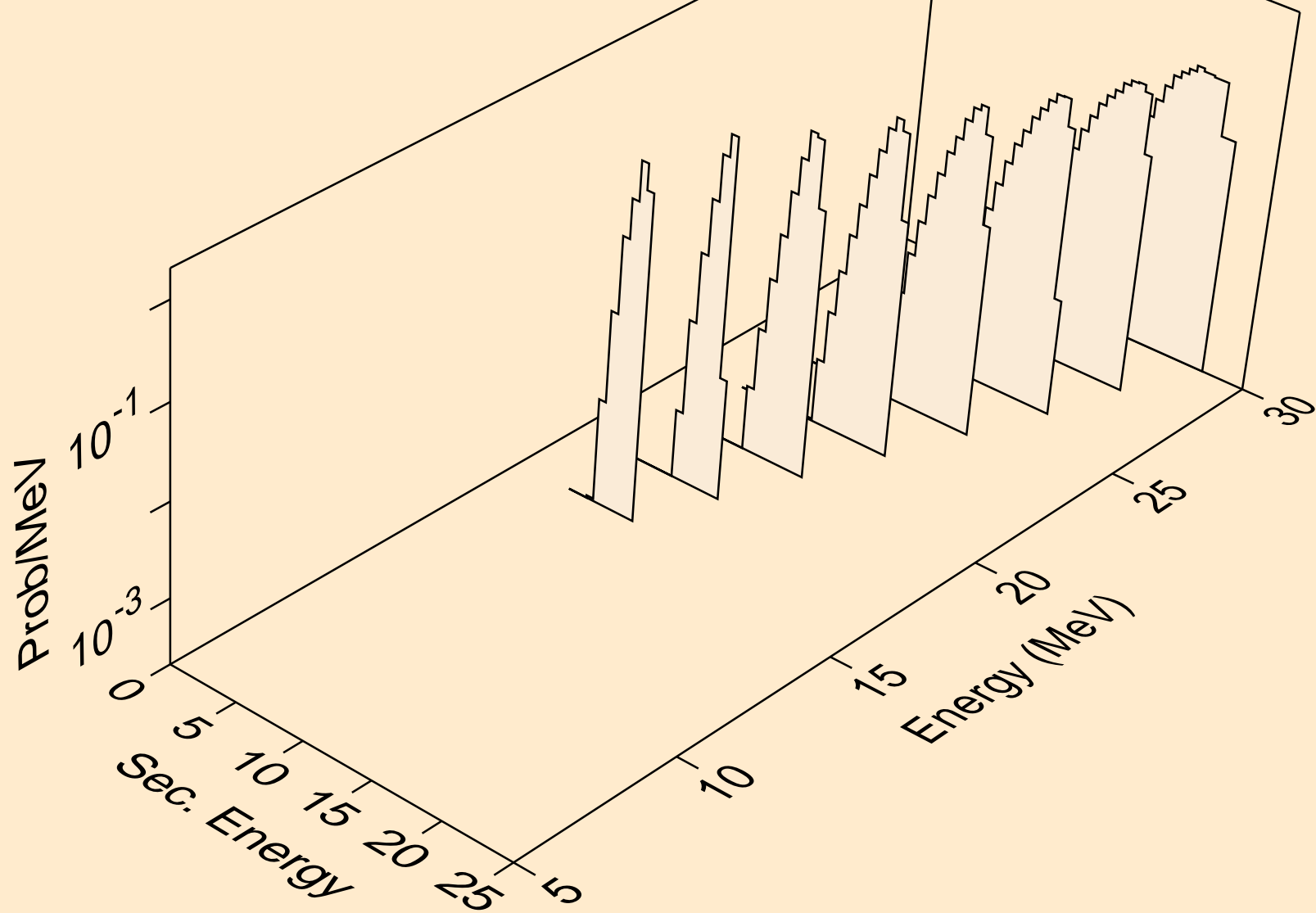
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)

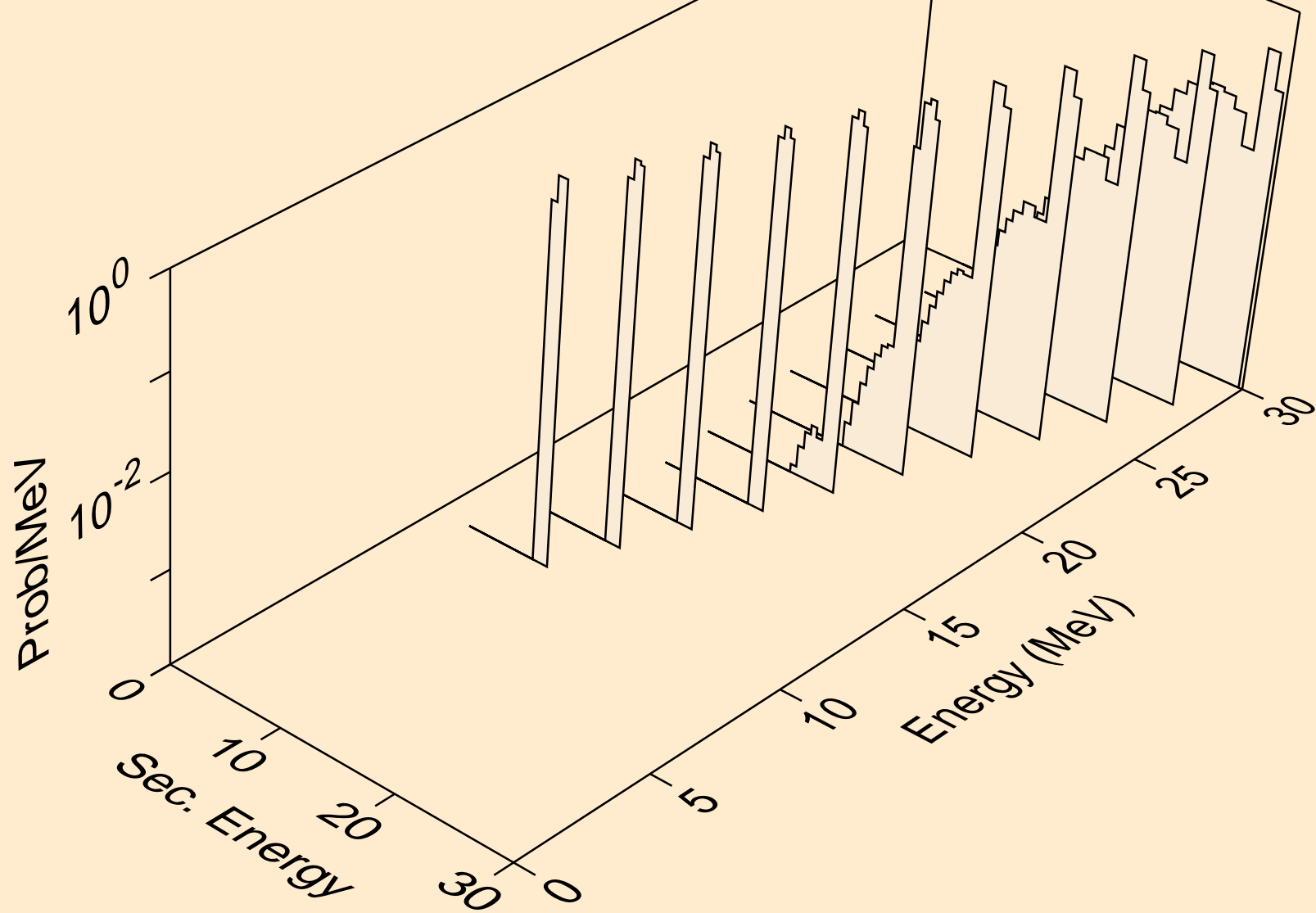


HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3

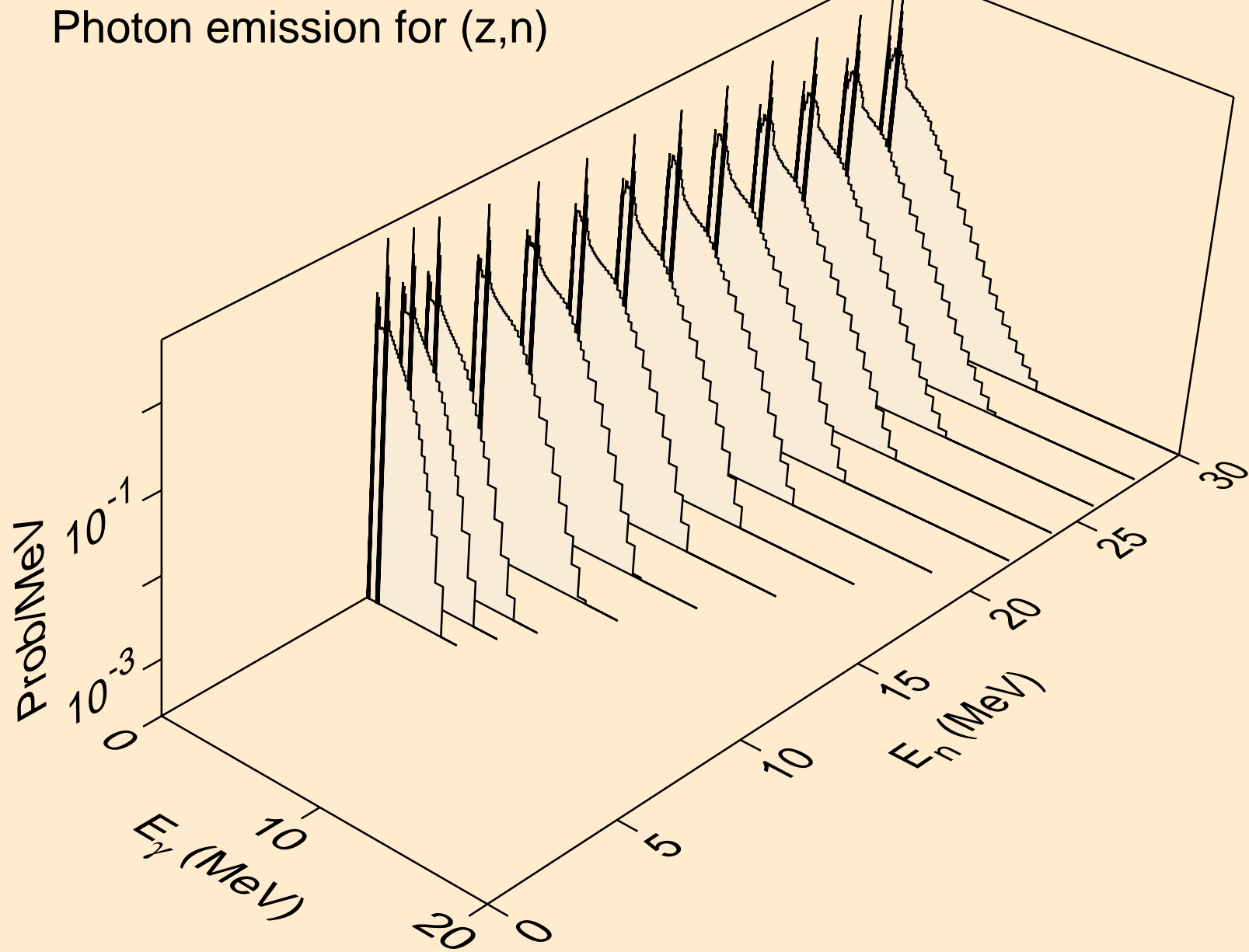




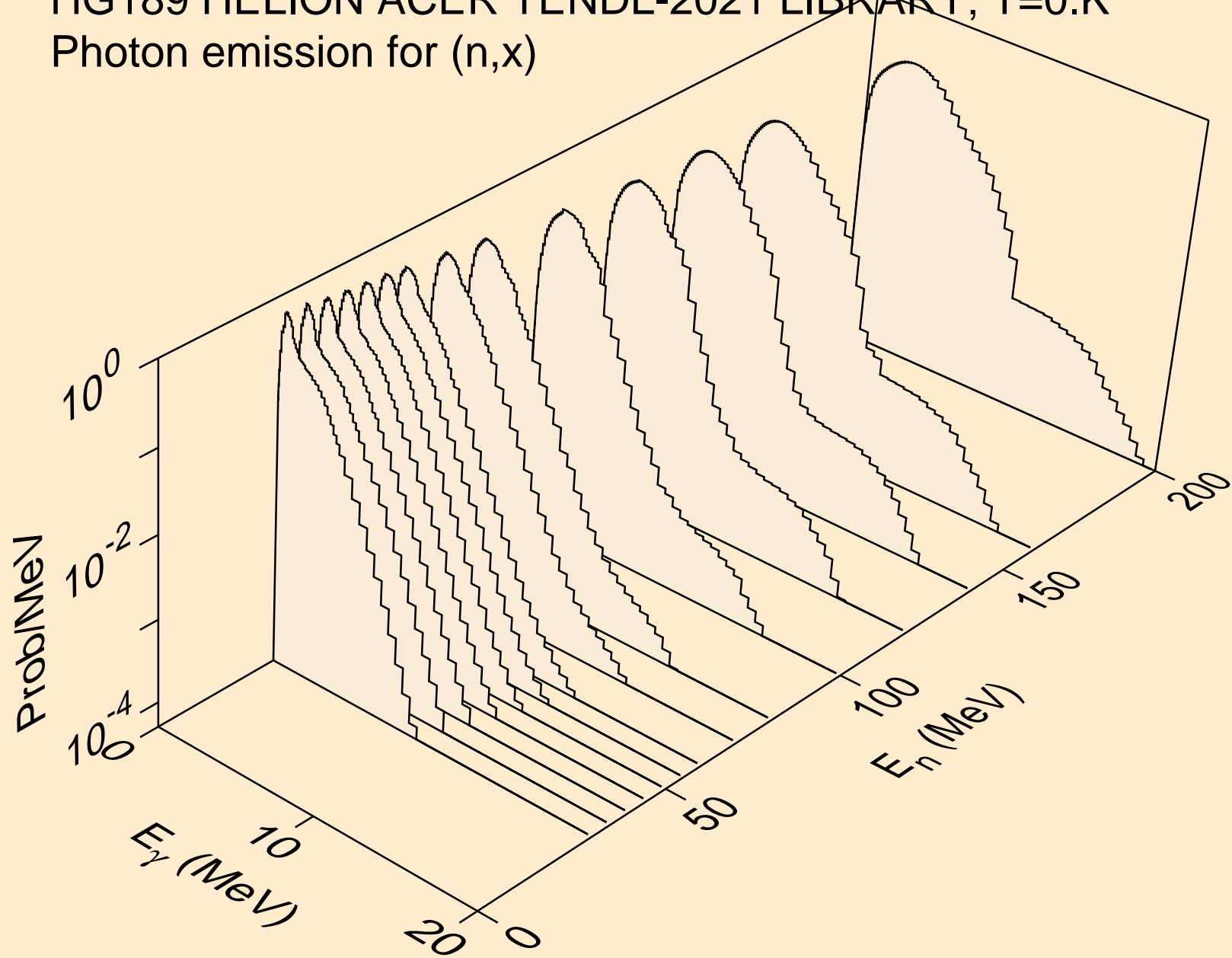
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



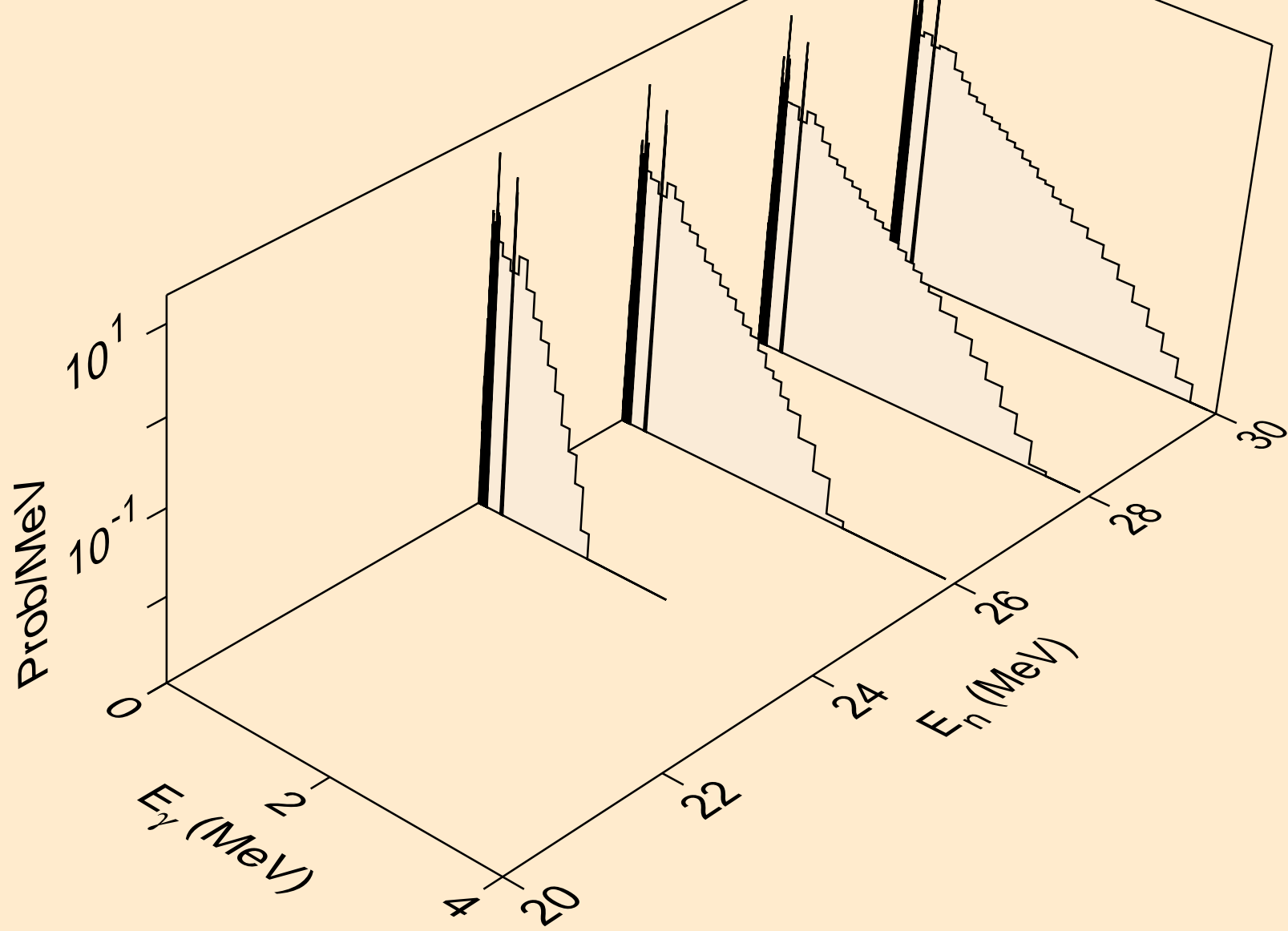
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



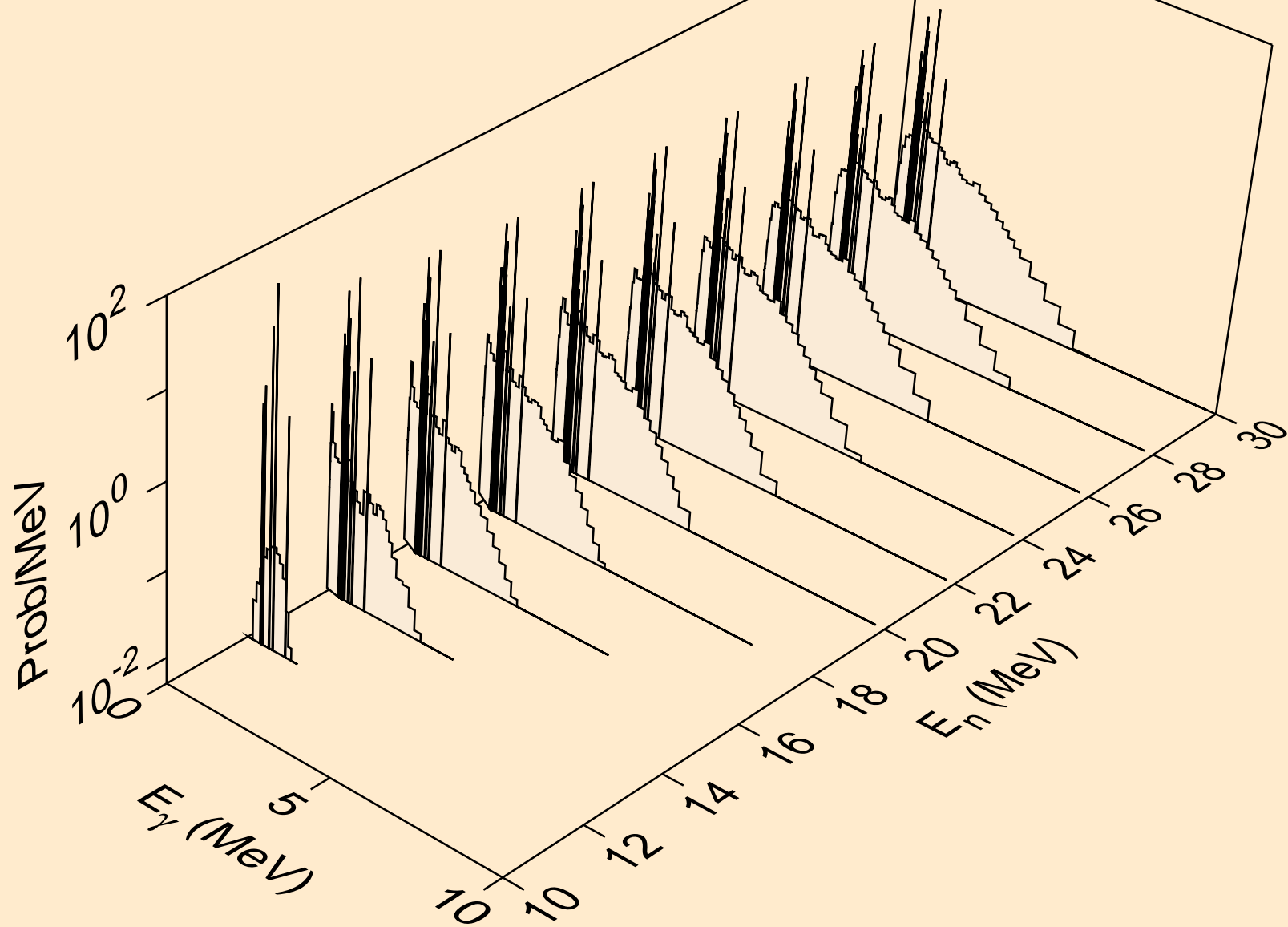
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



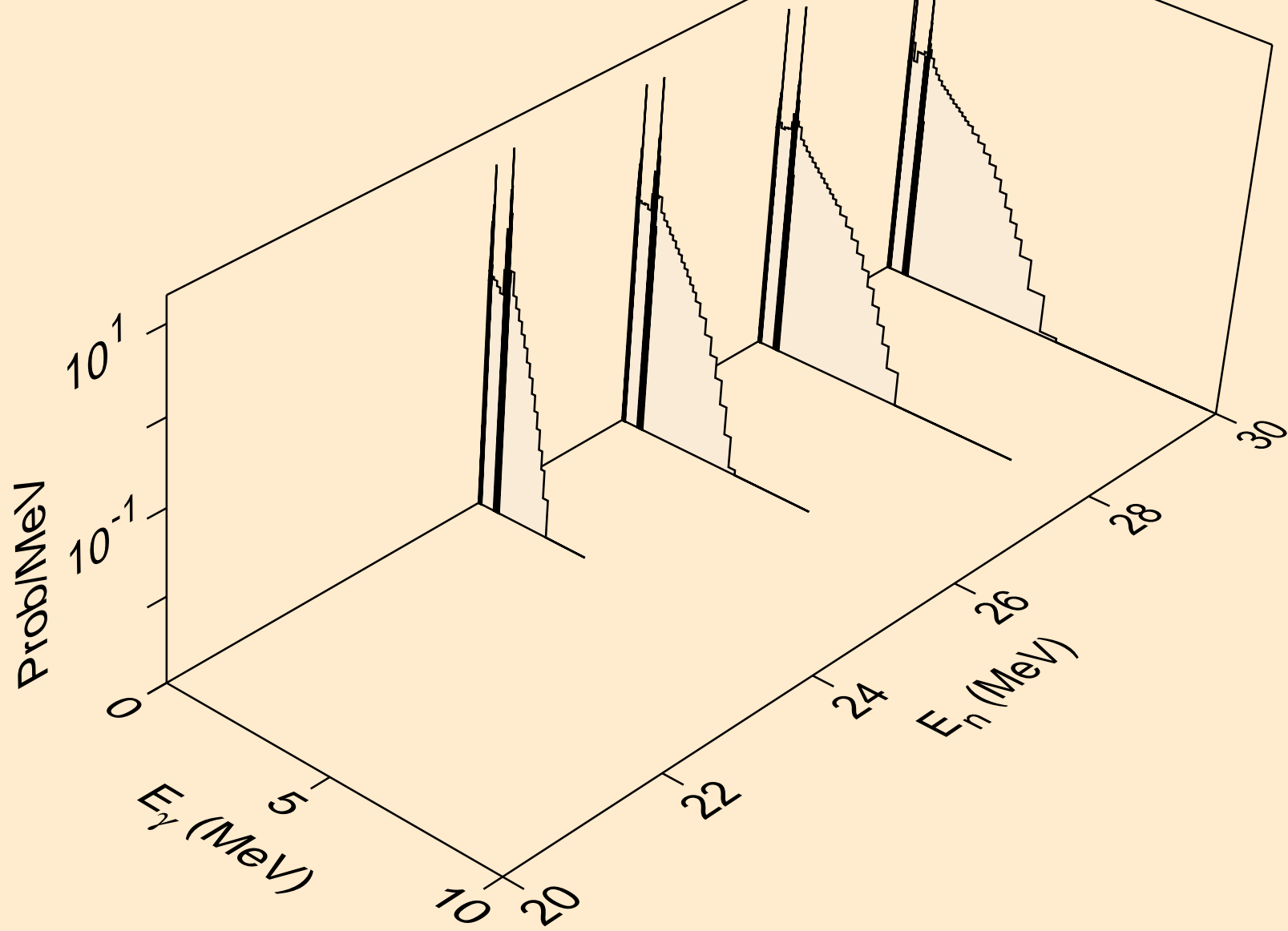
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



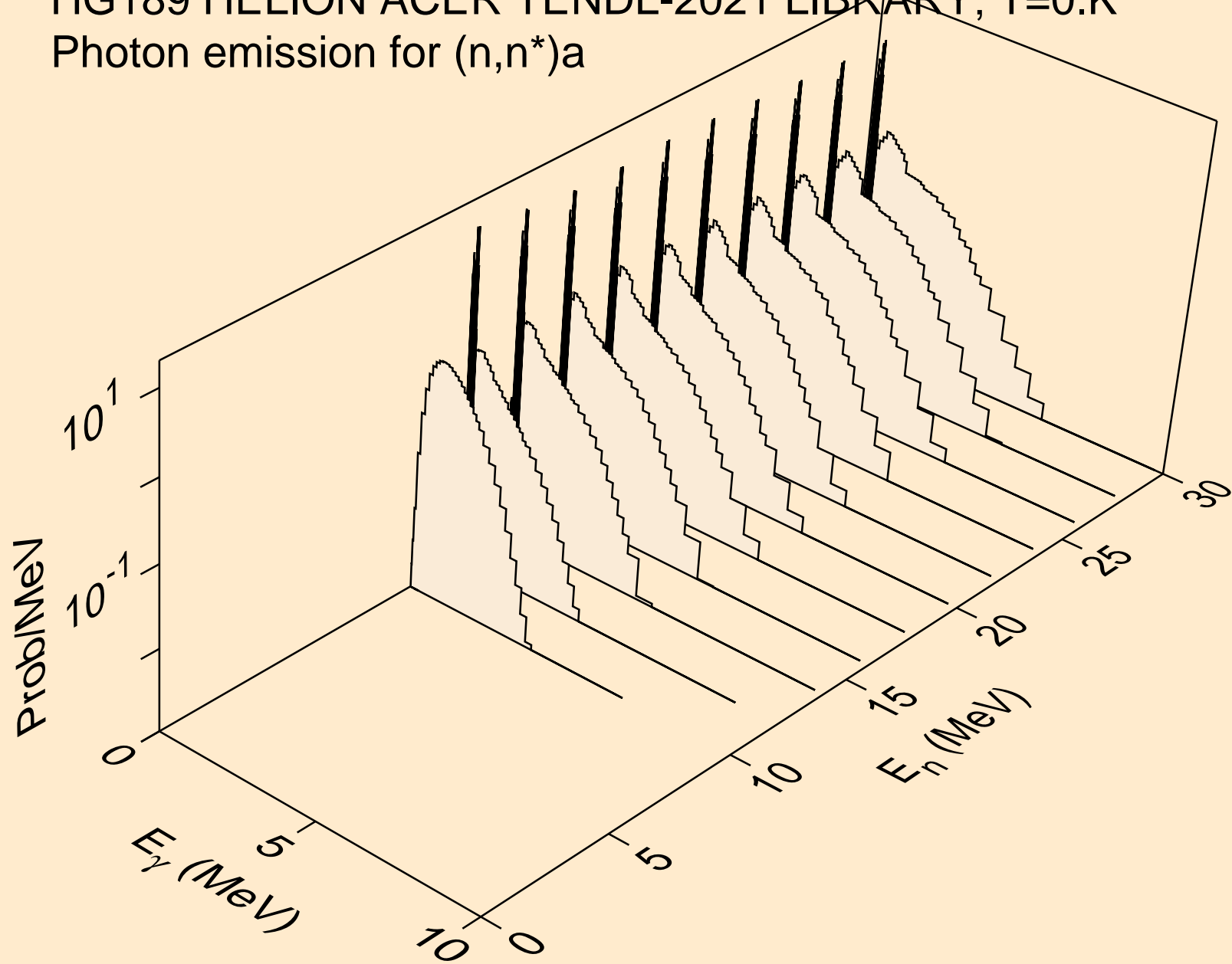
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



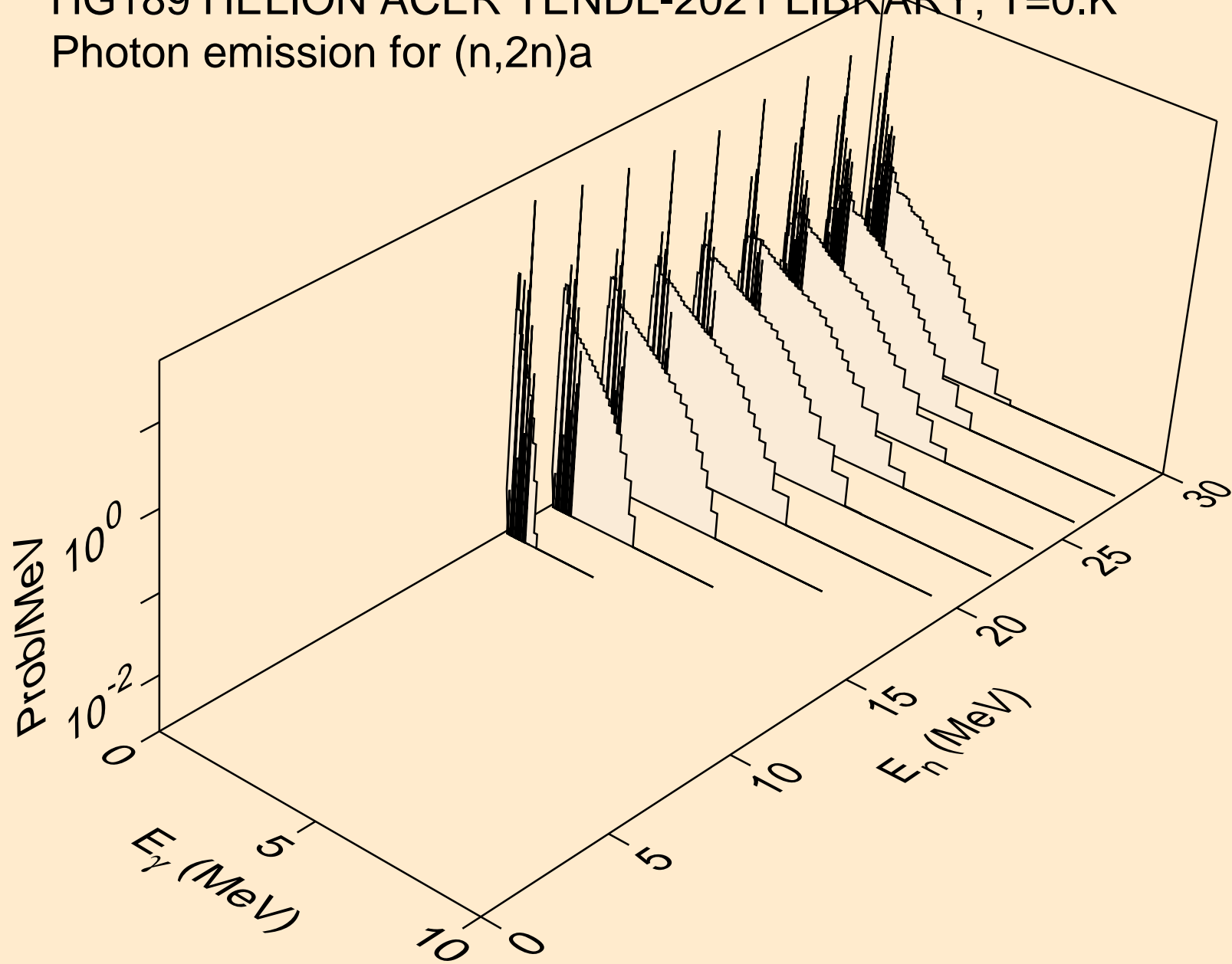
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

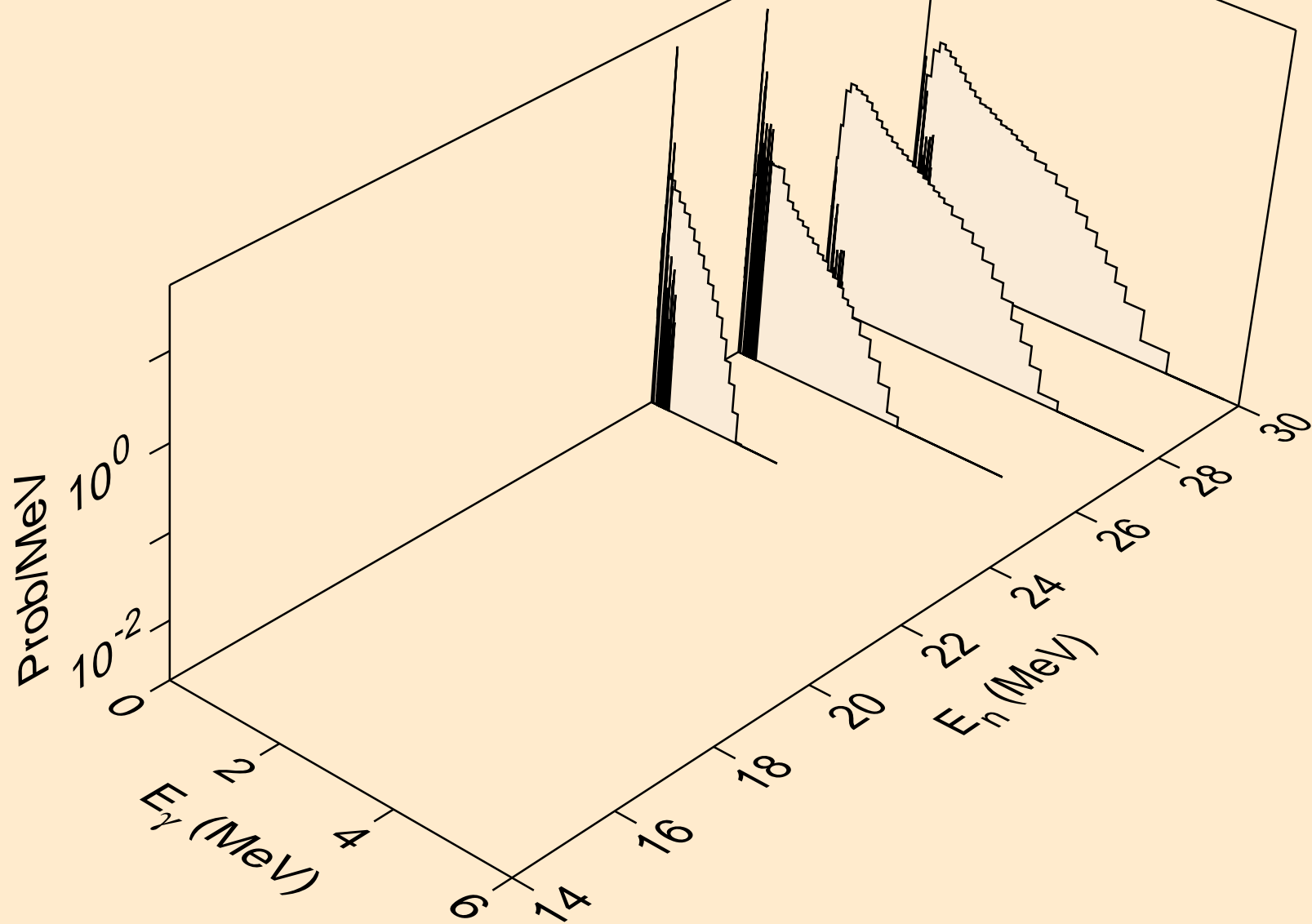


HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

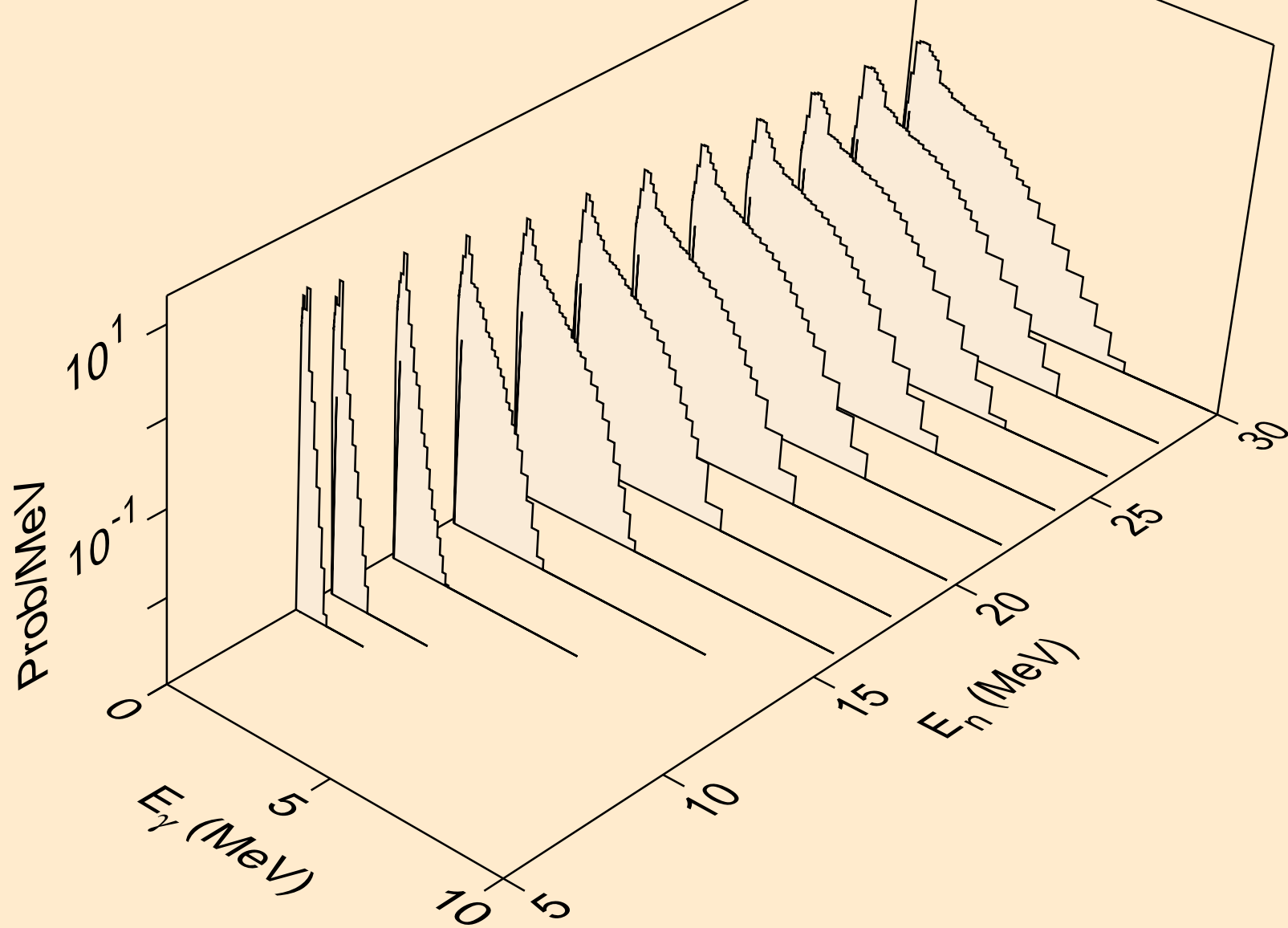




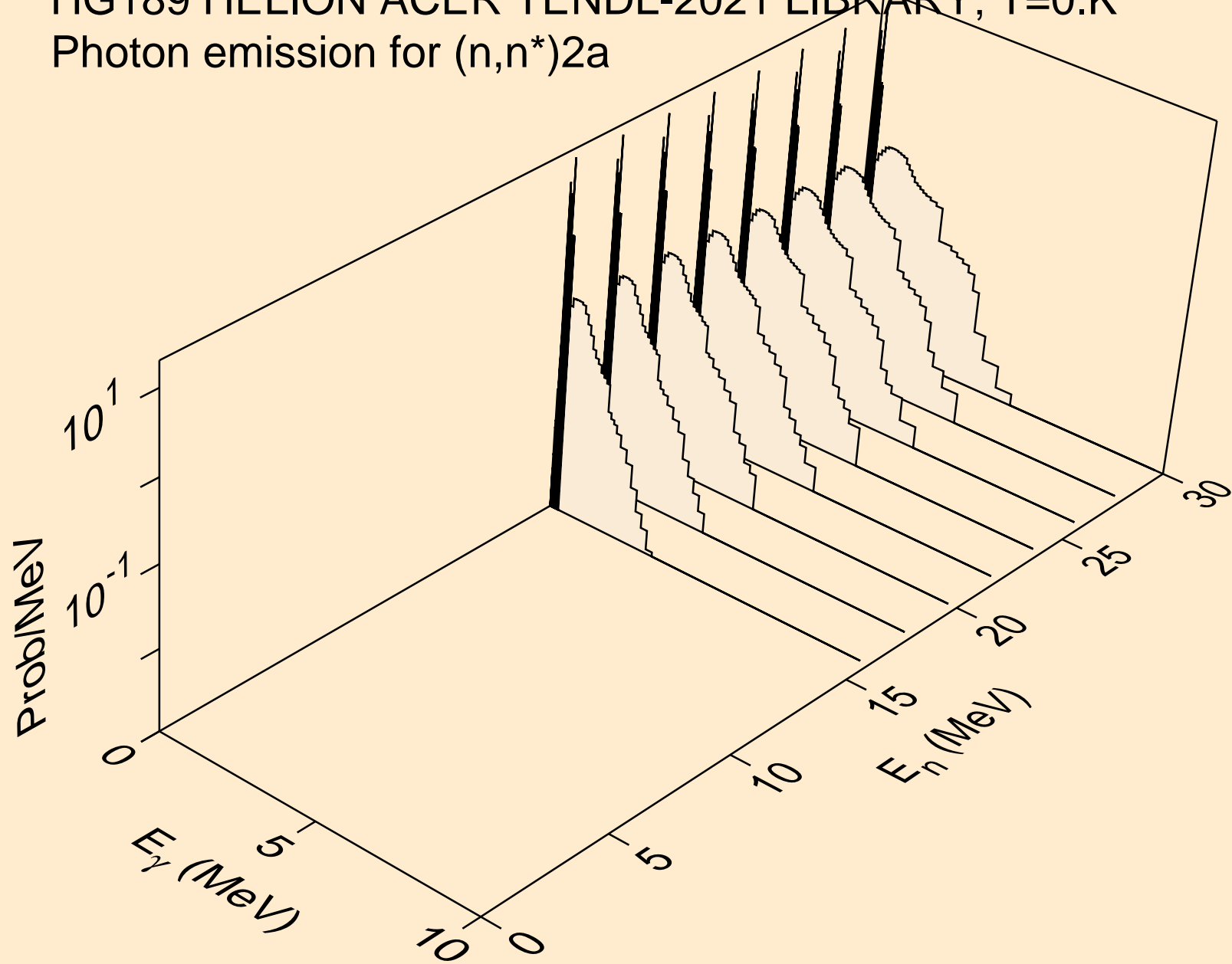
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



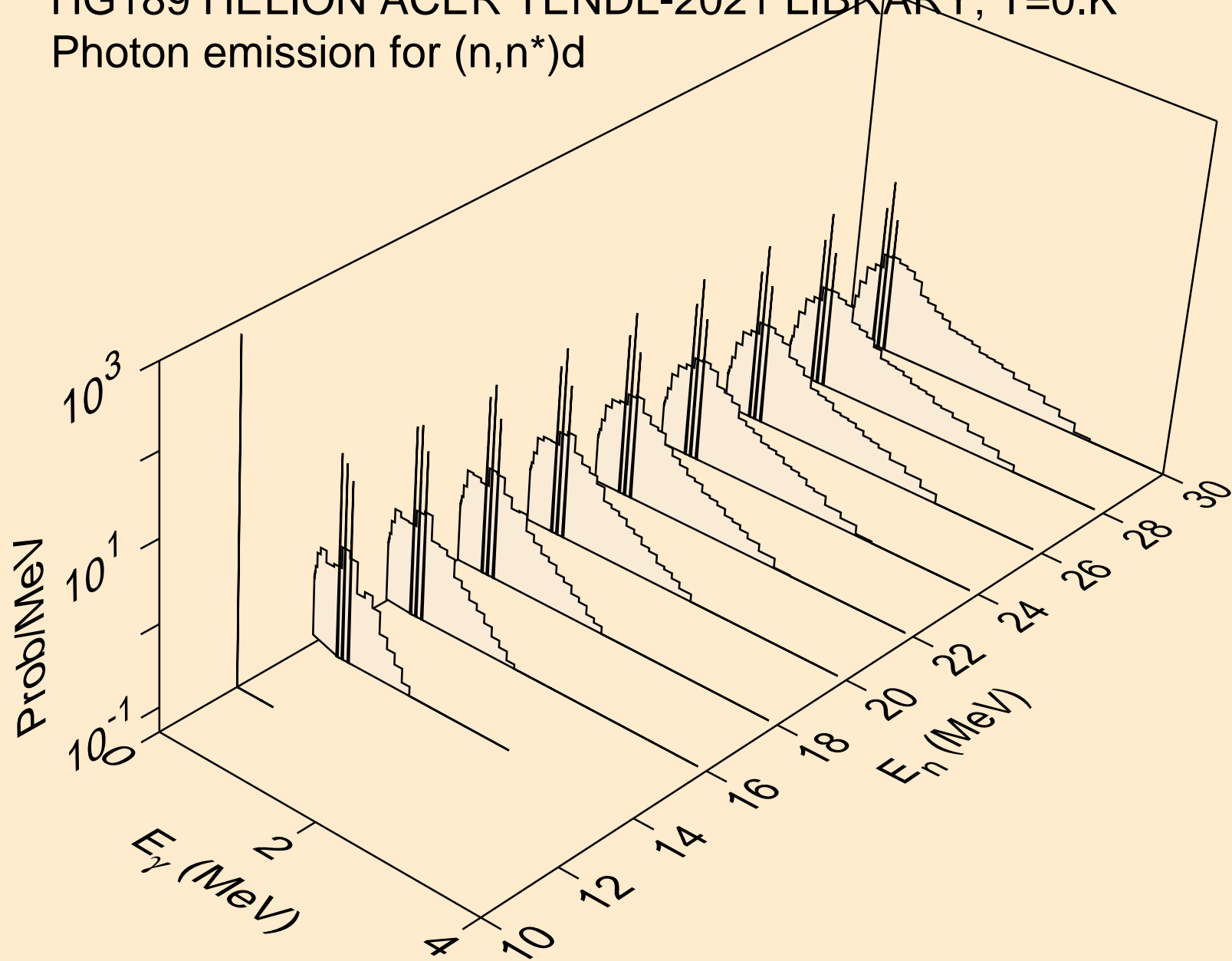
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



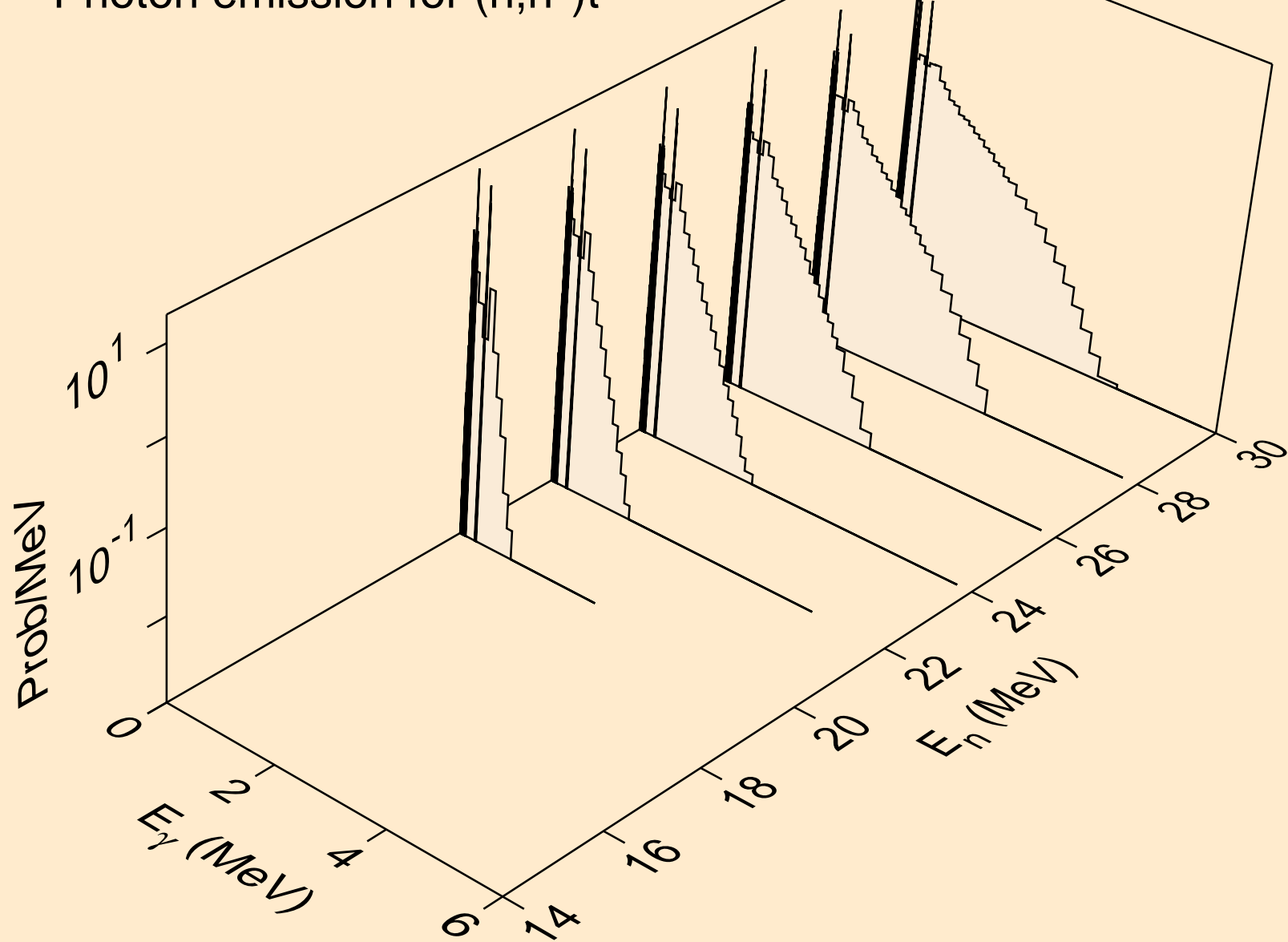
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



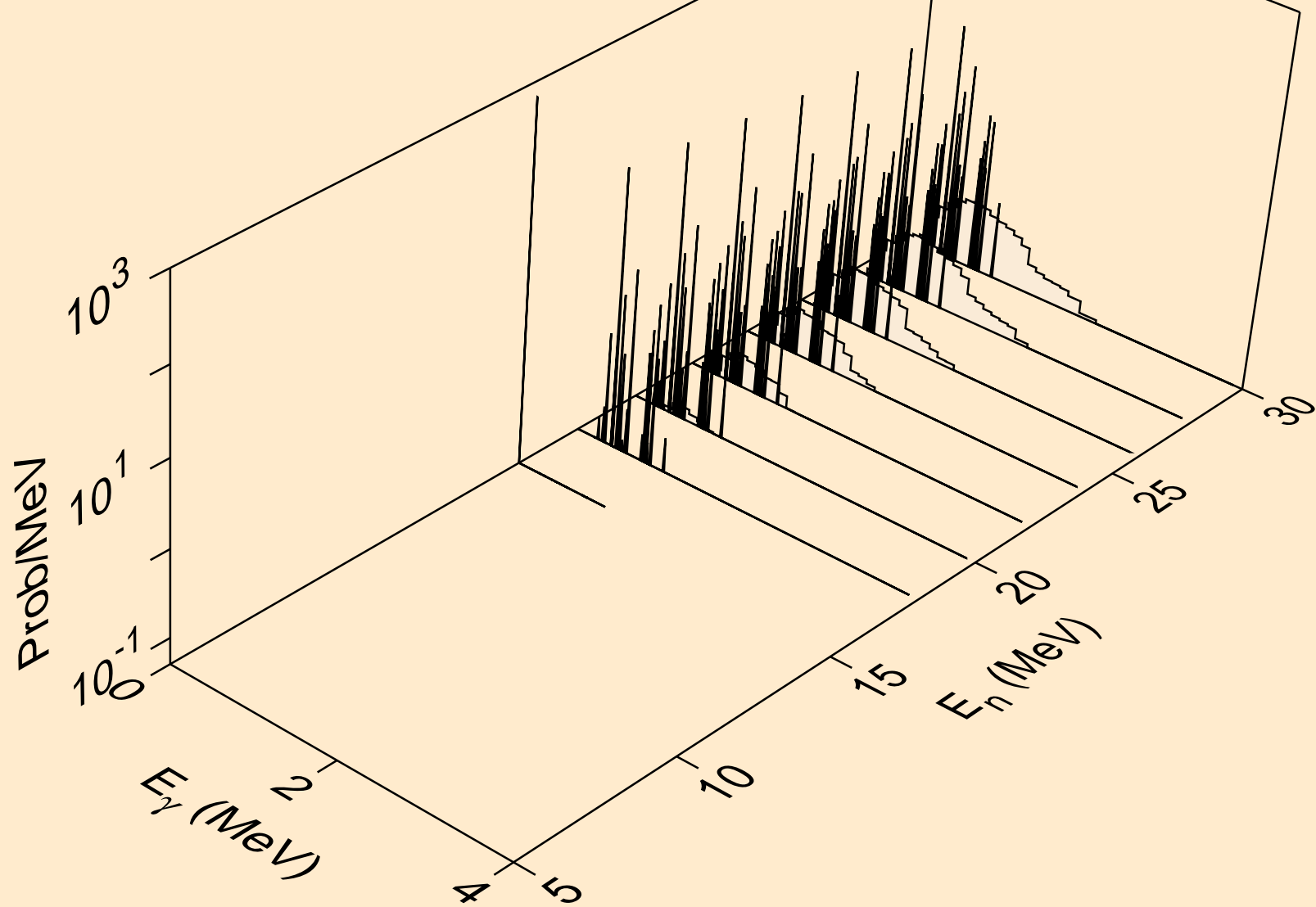
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



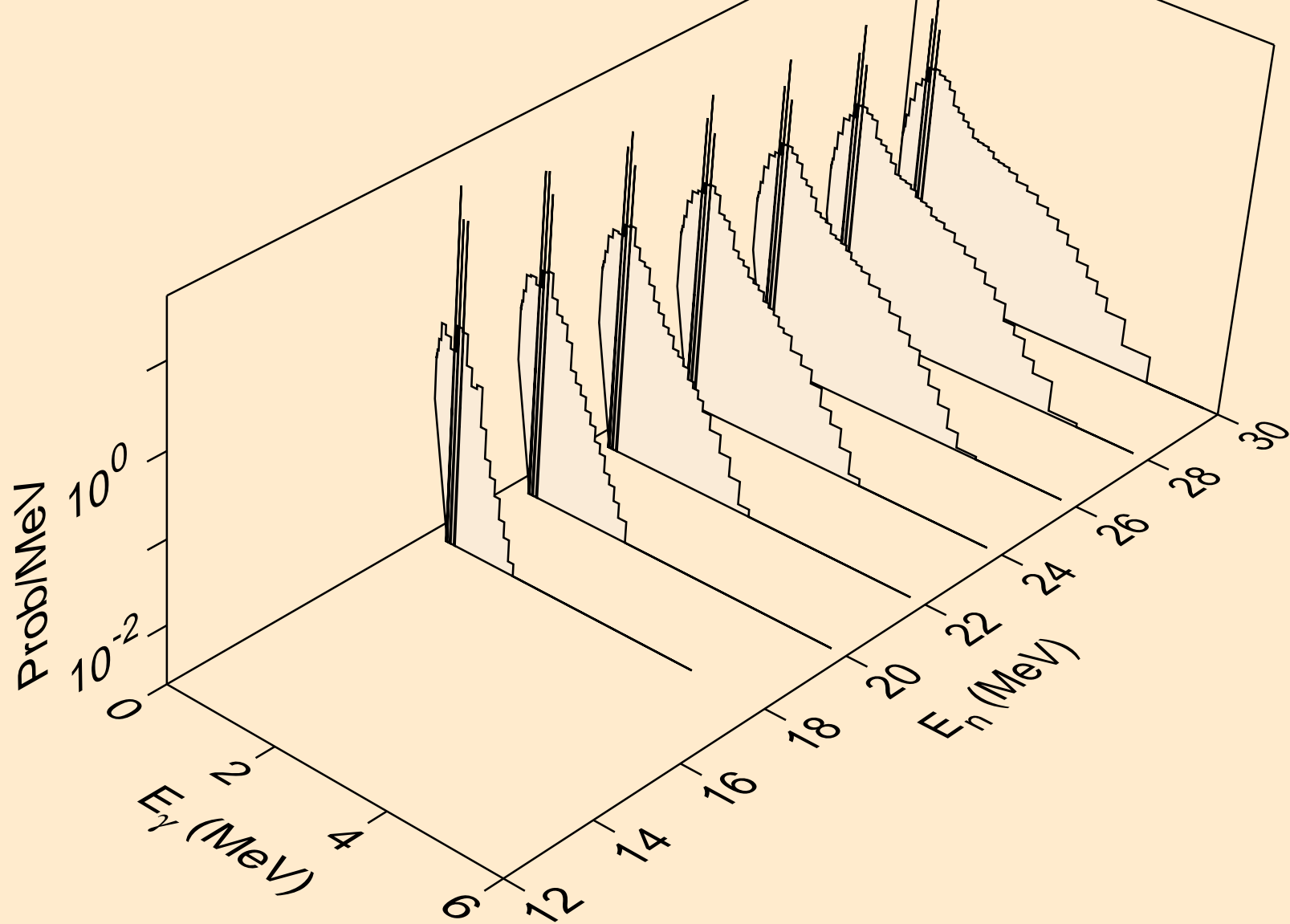
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



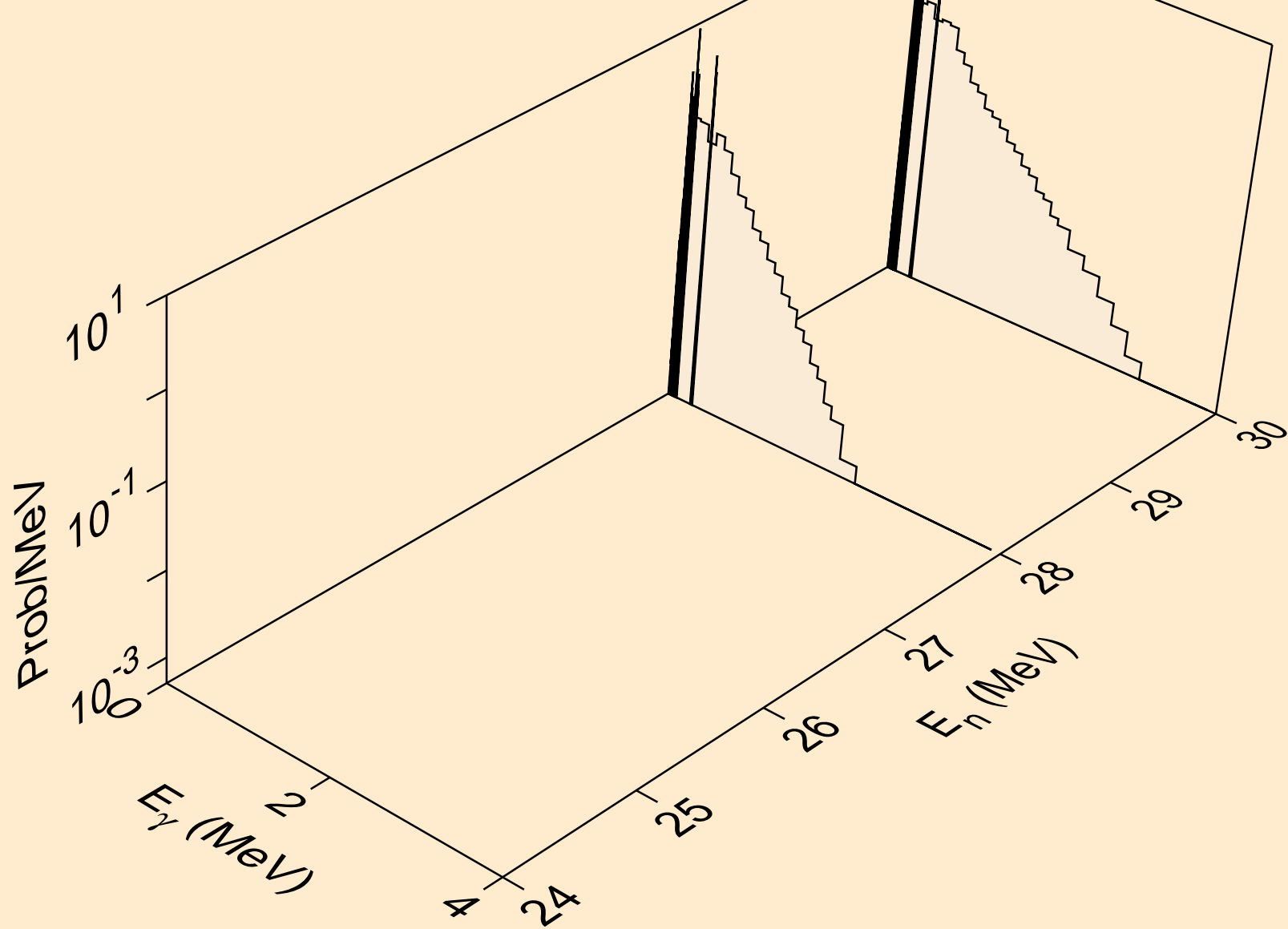
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

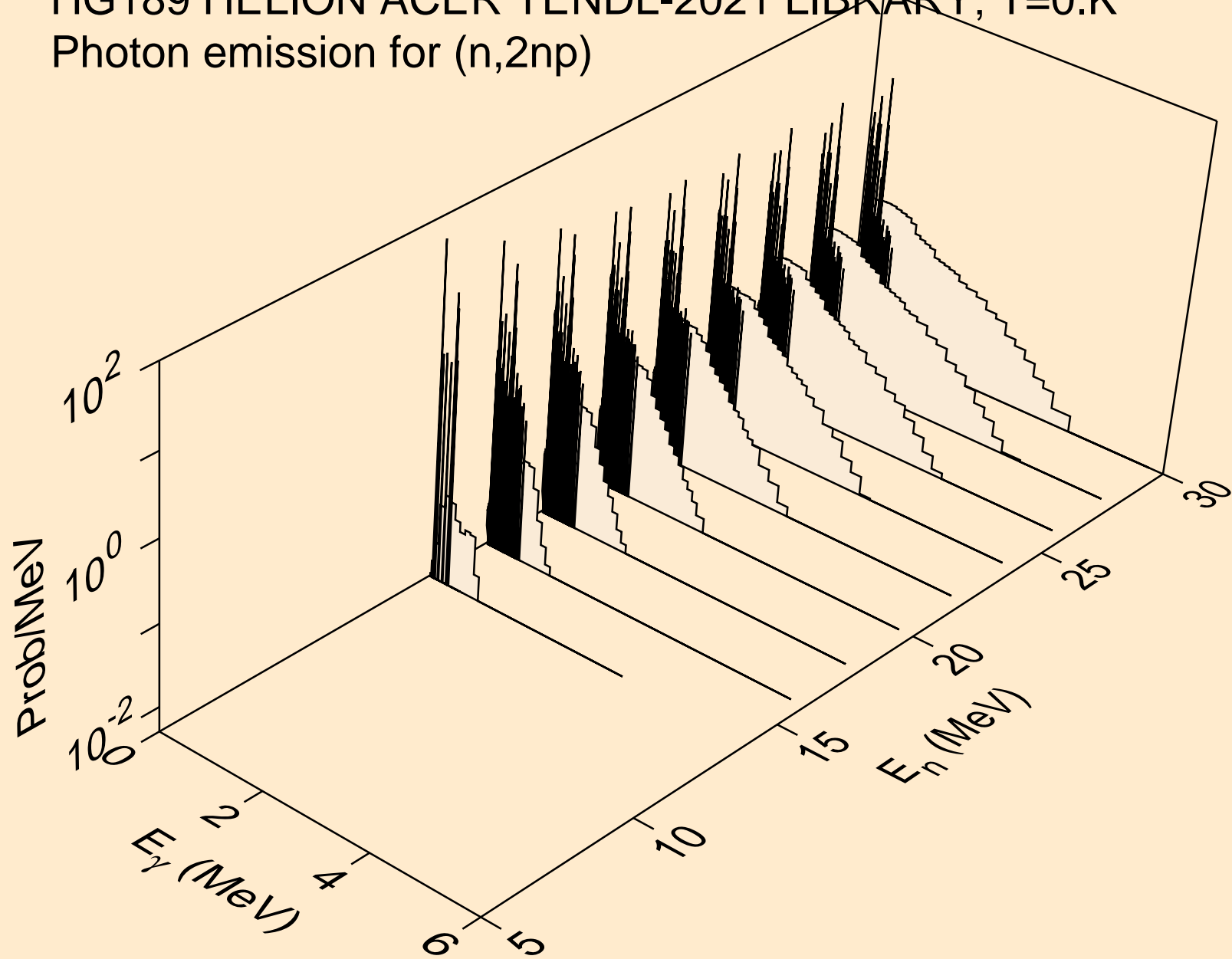


HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

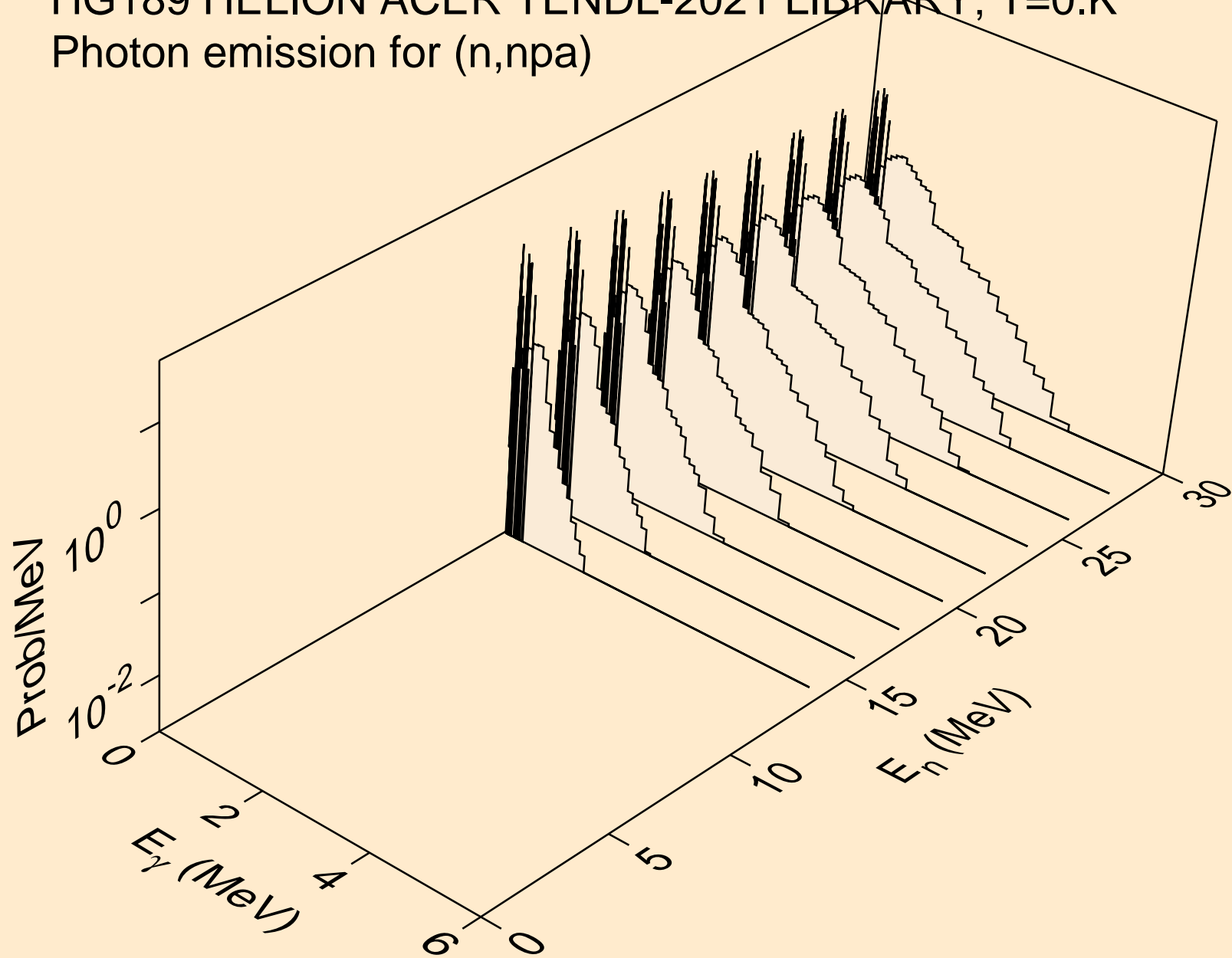




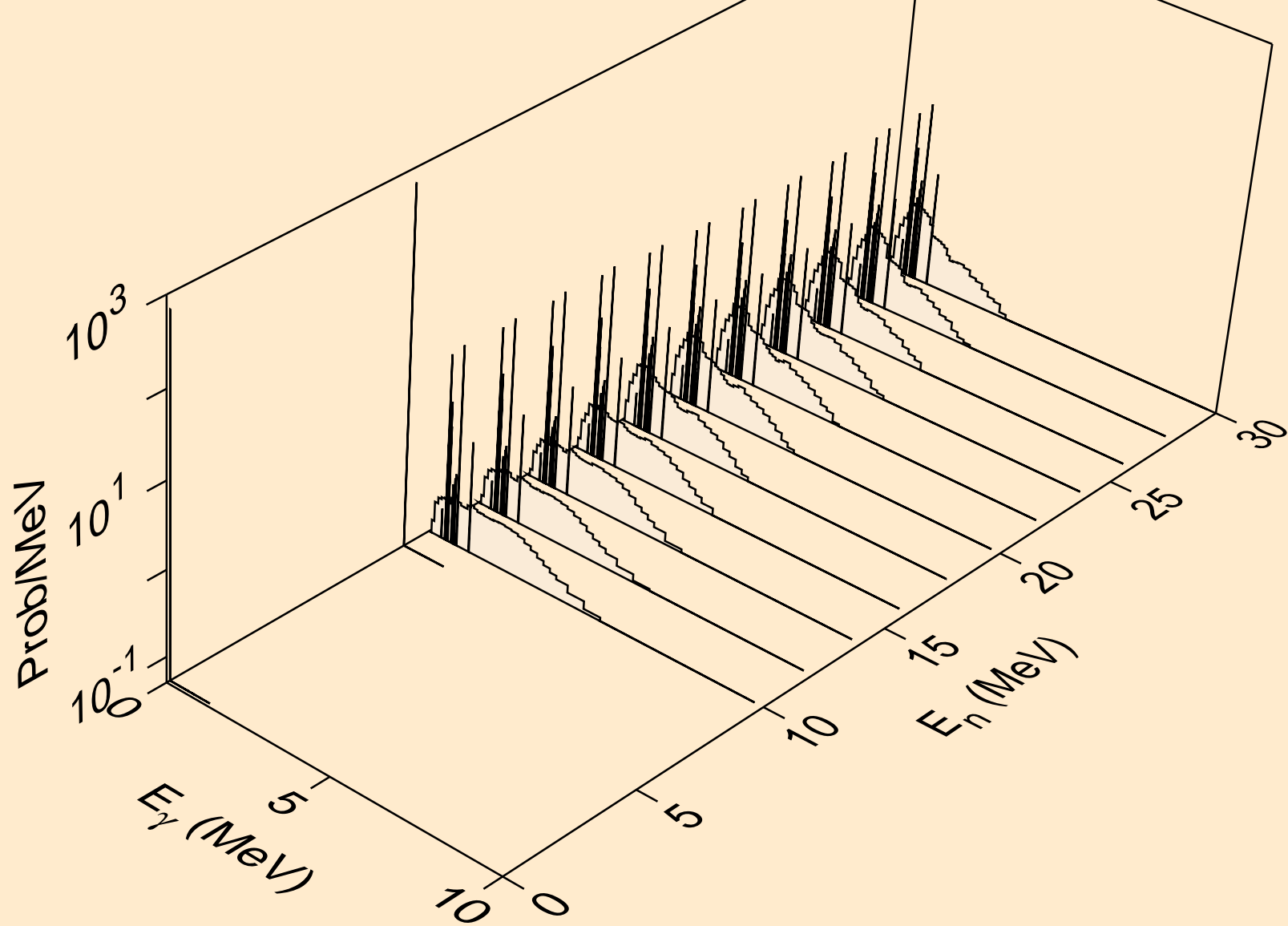
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



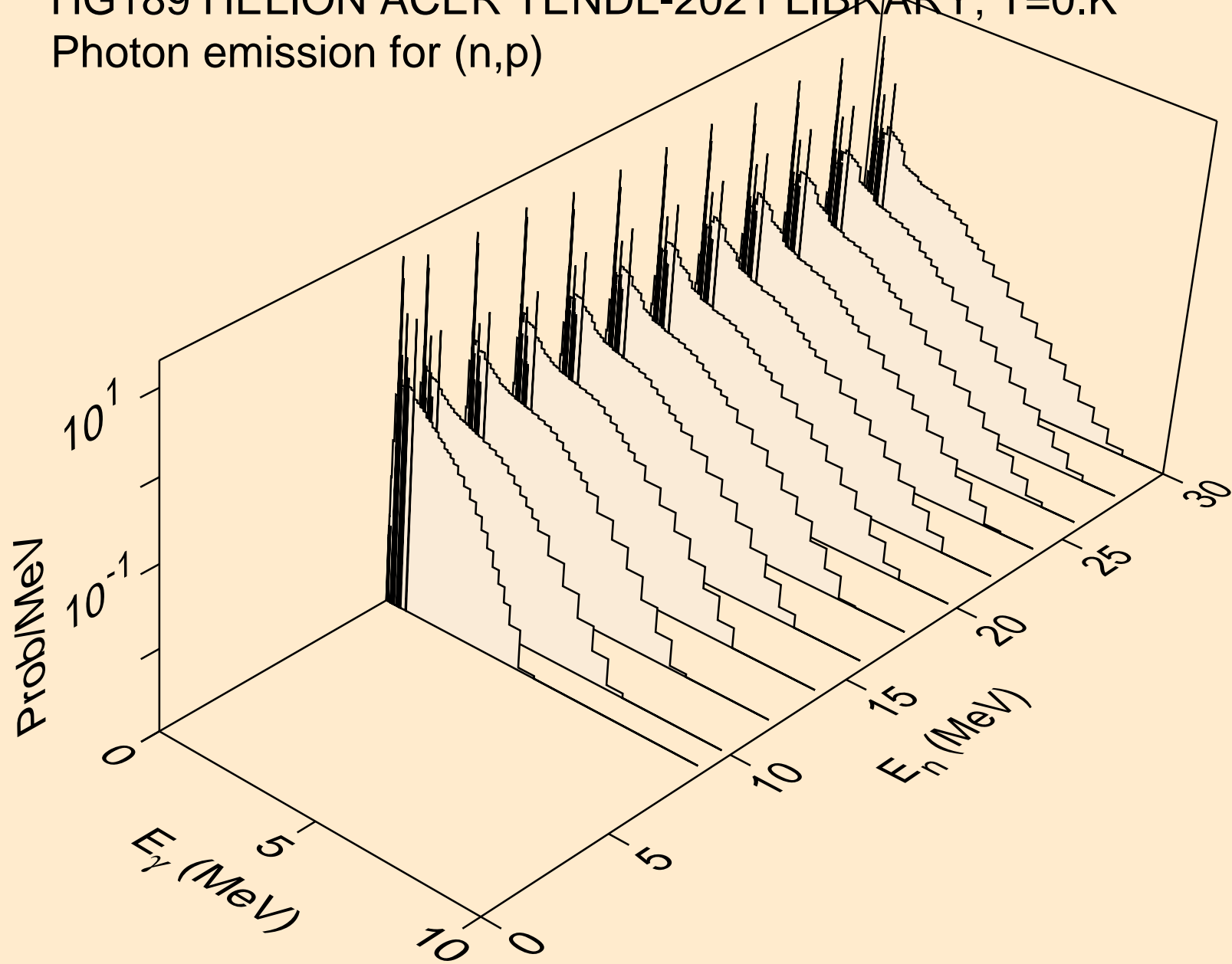
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



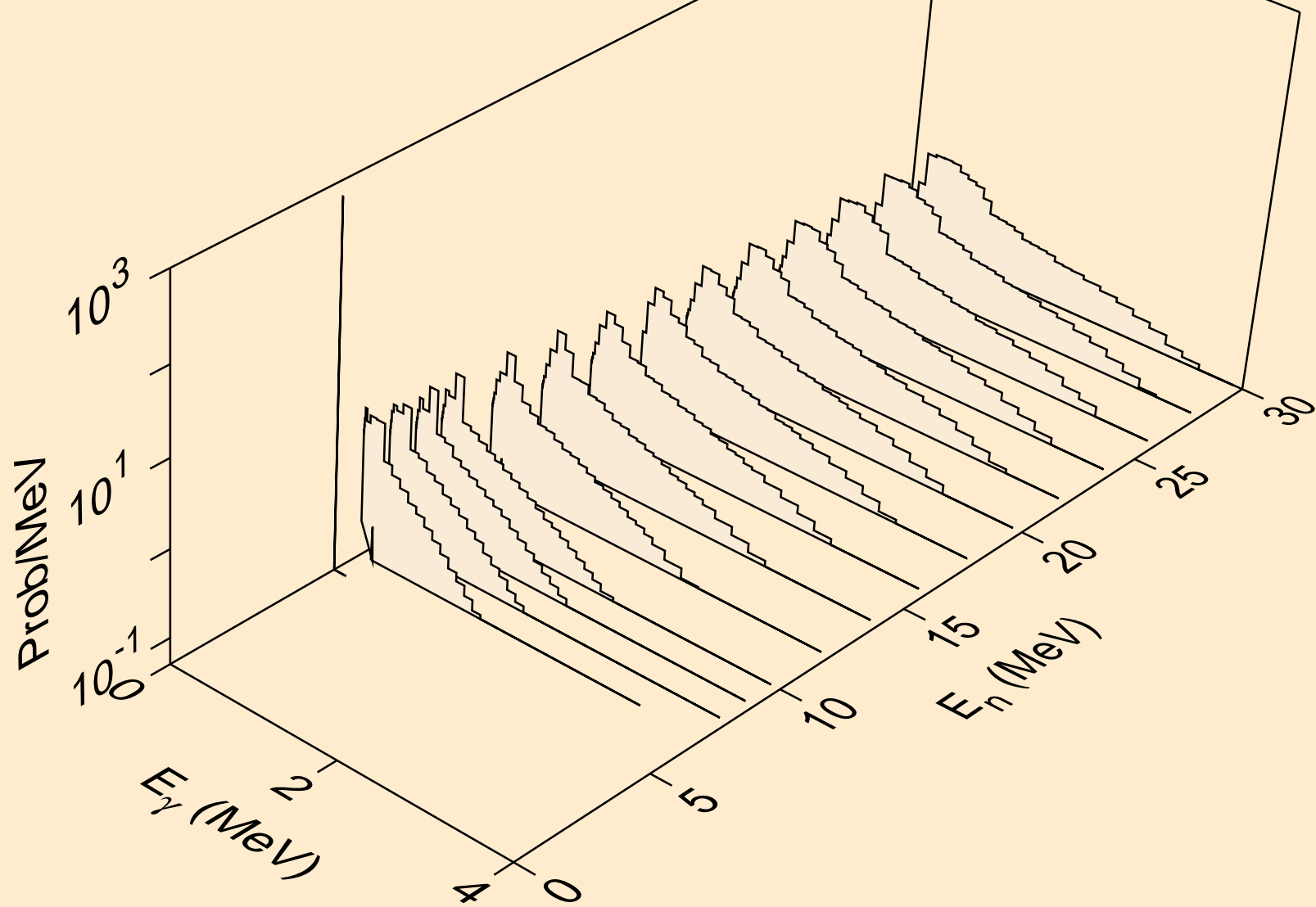
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



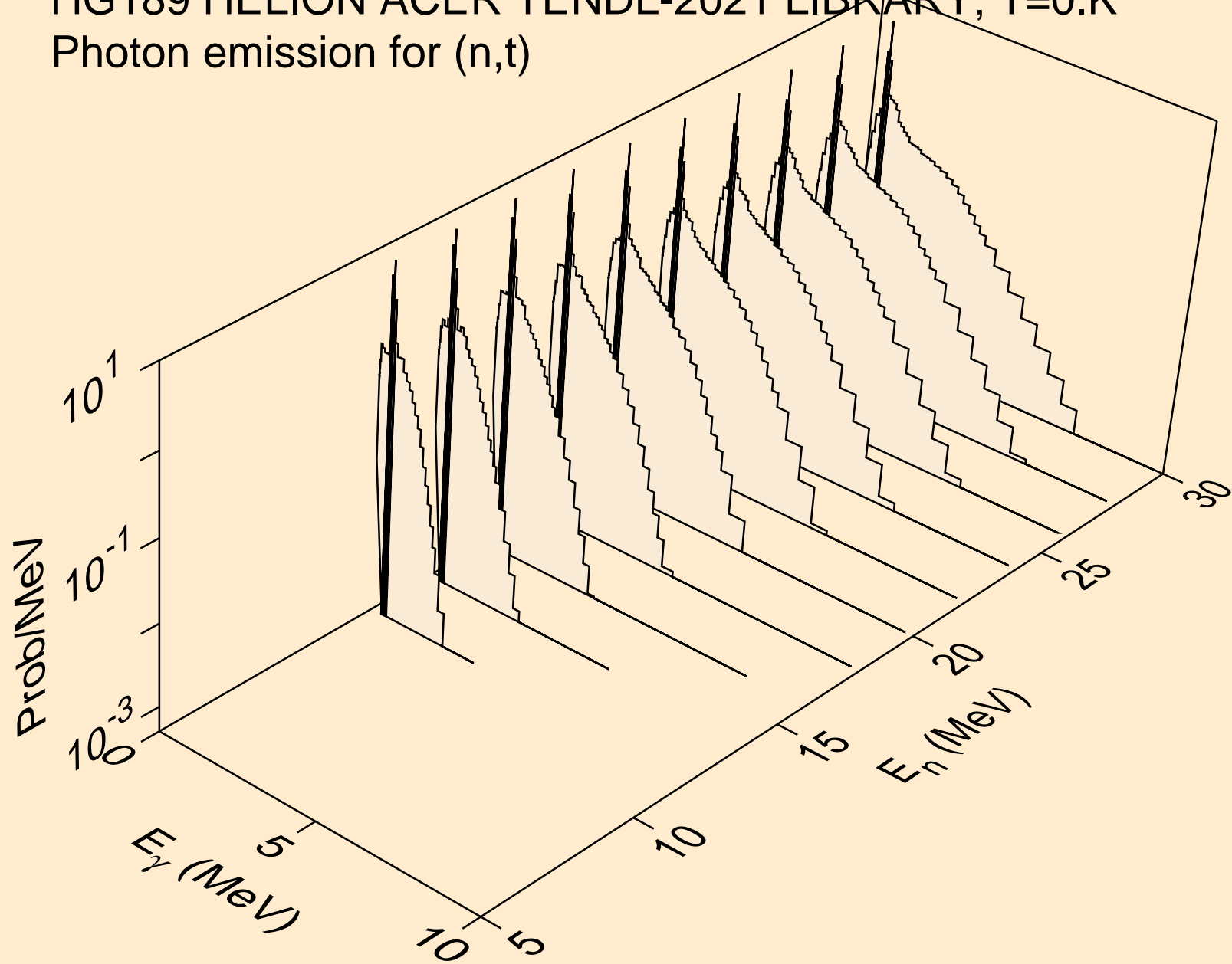
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



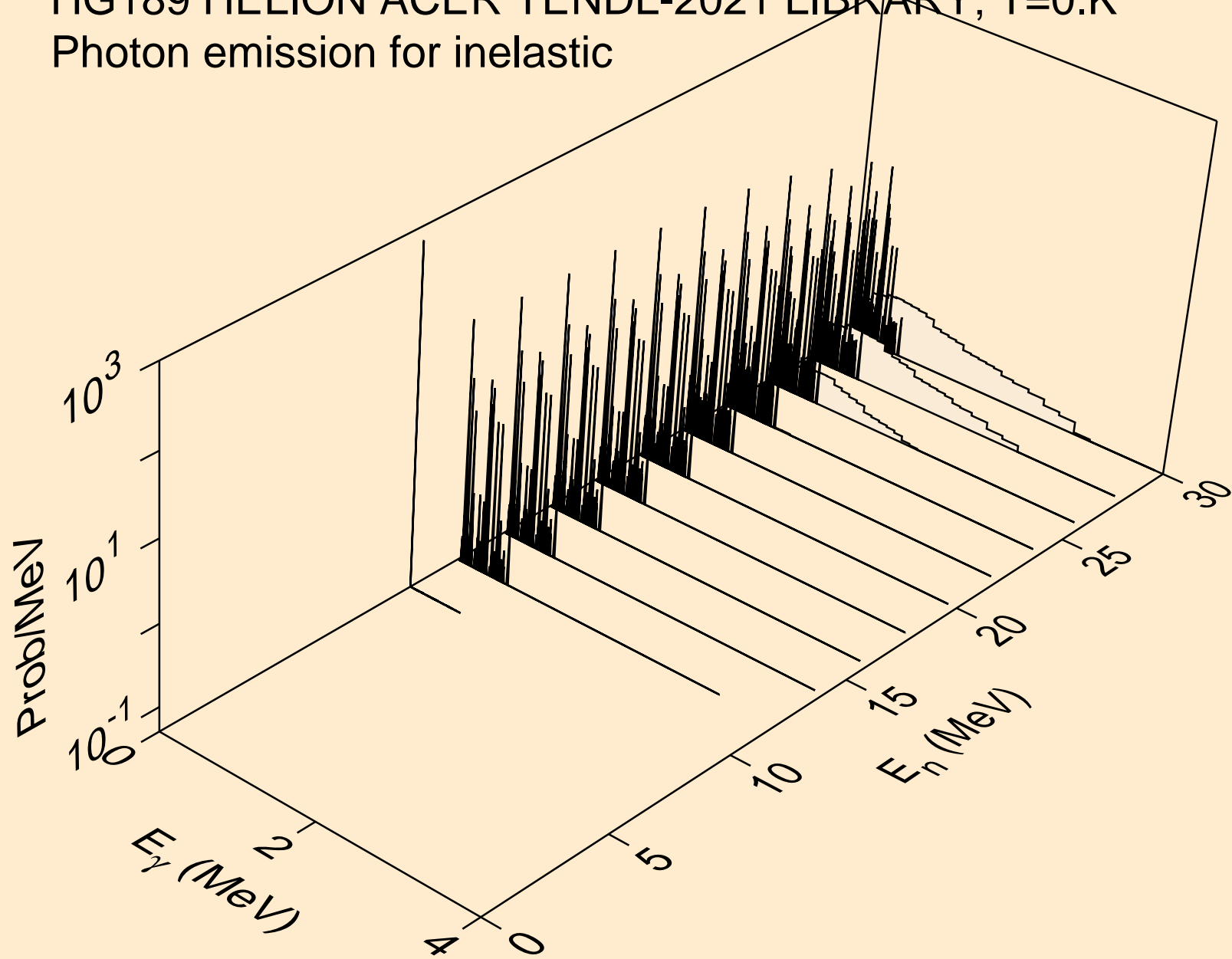
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



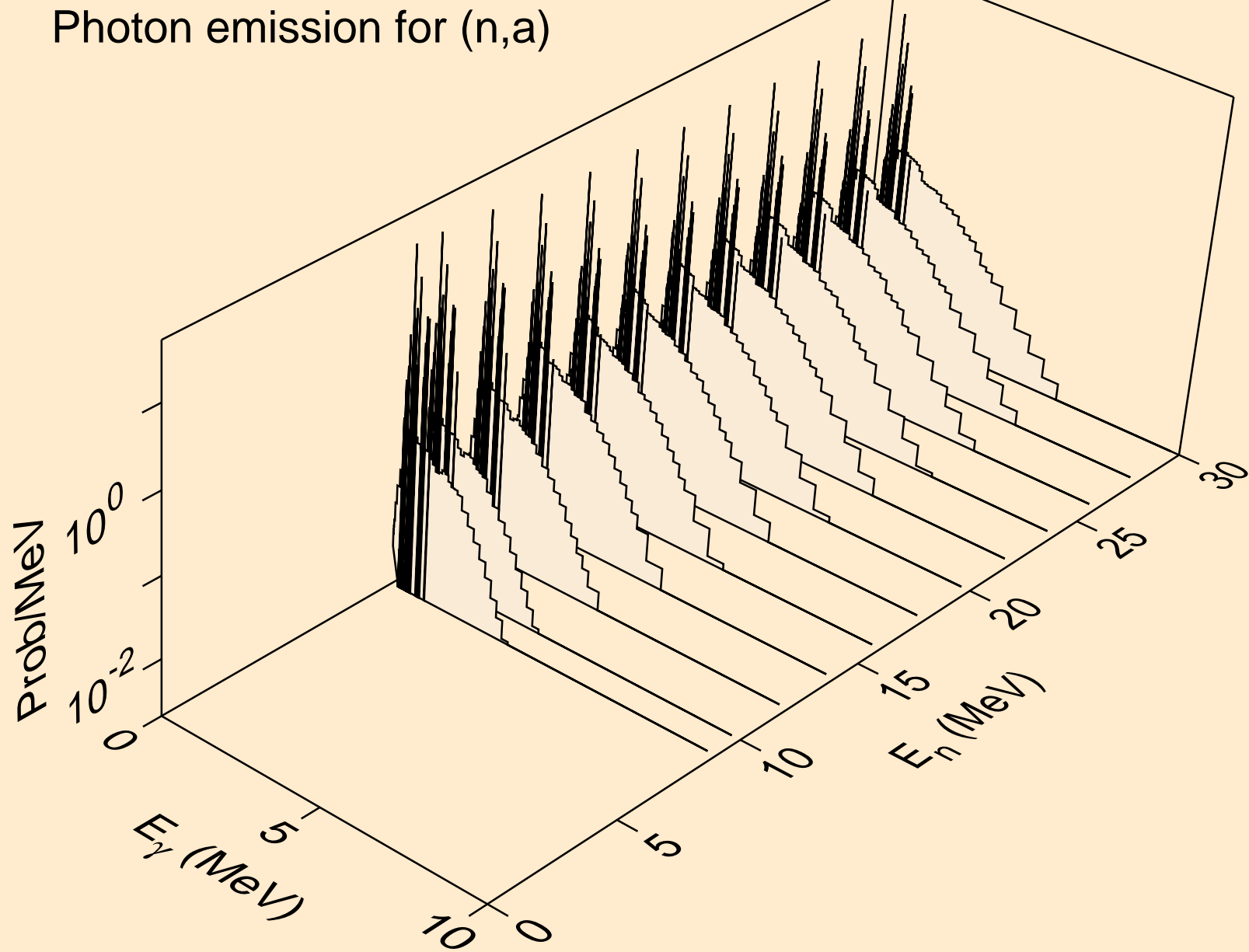
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

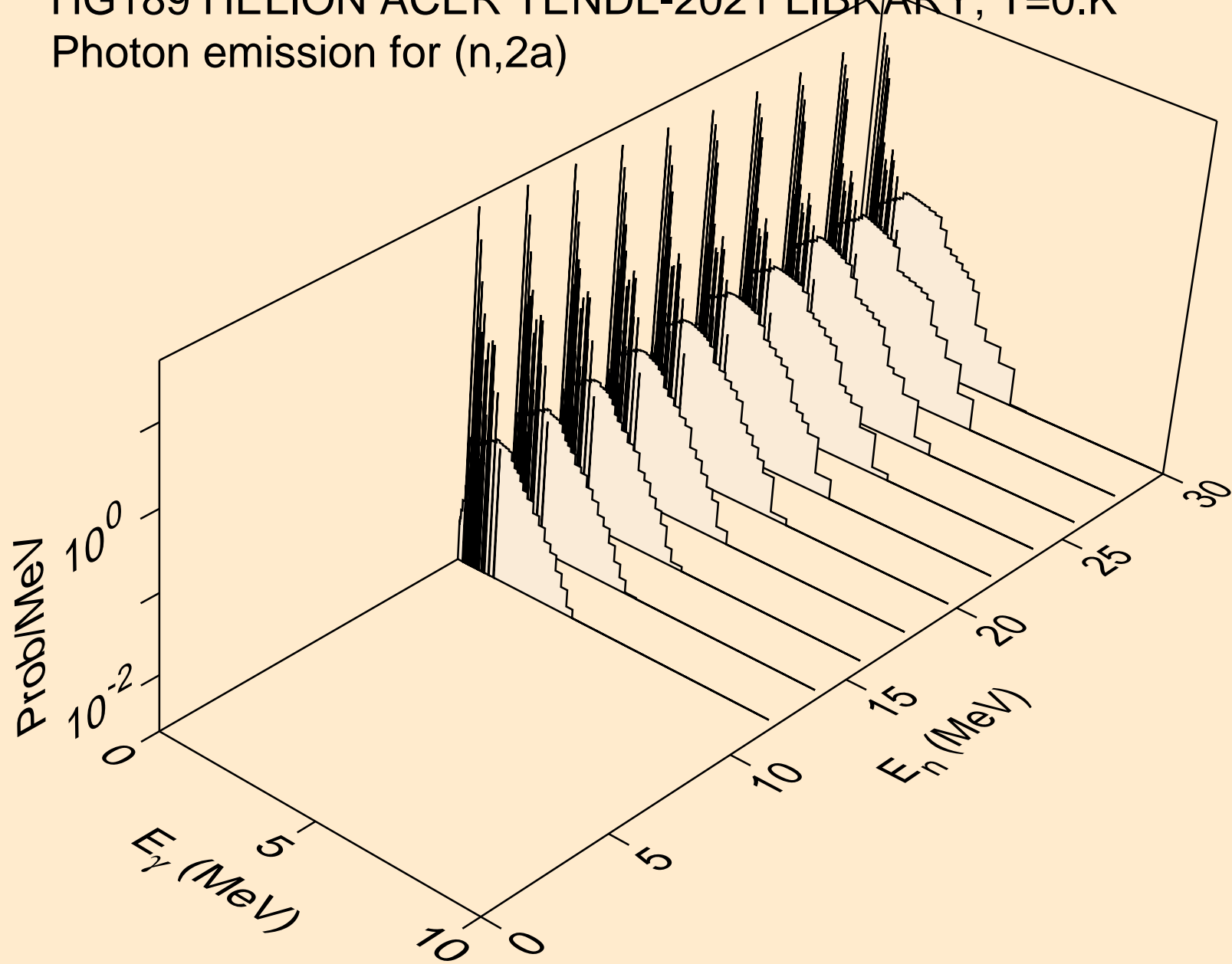


HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

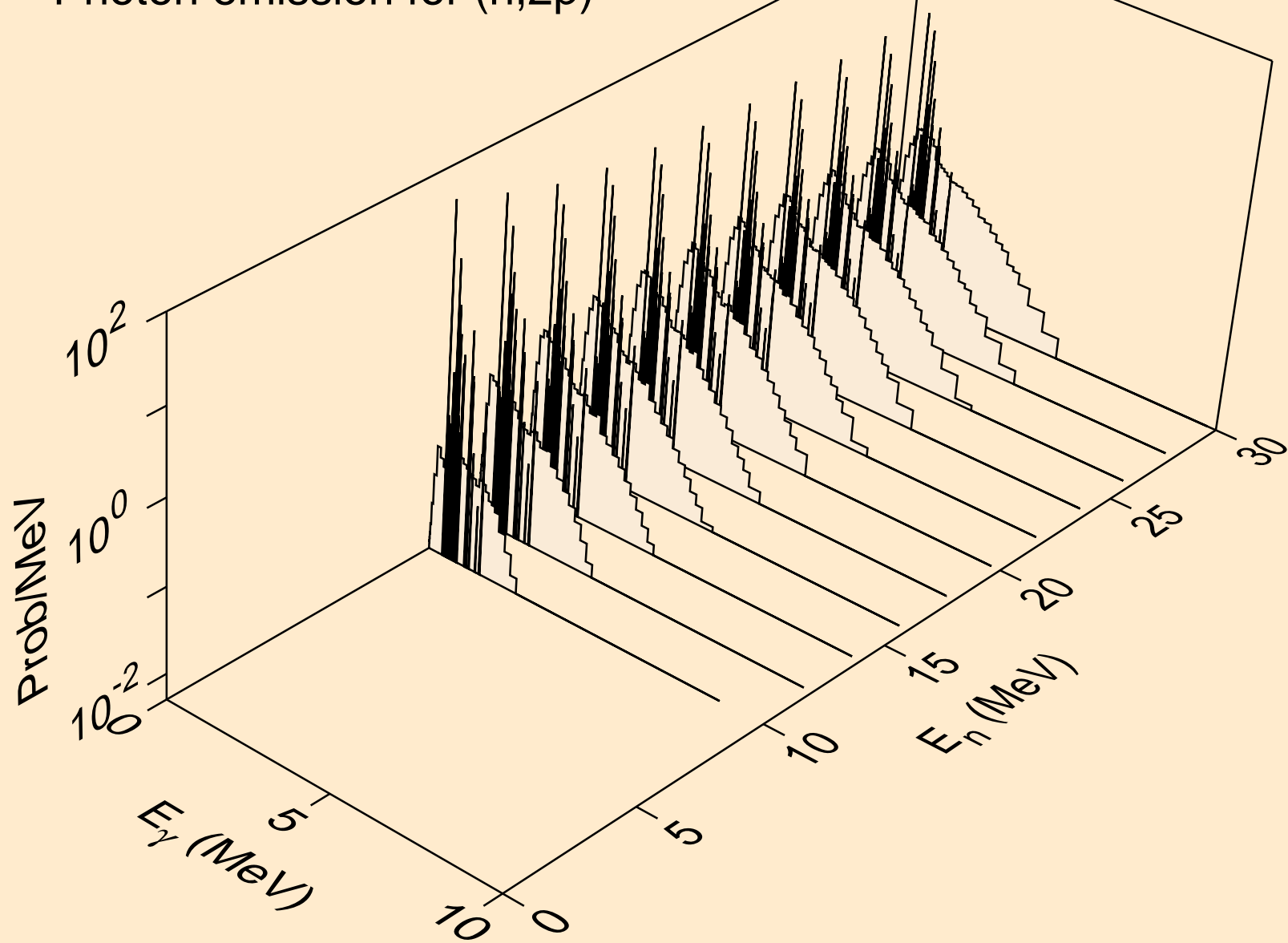




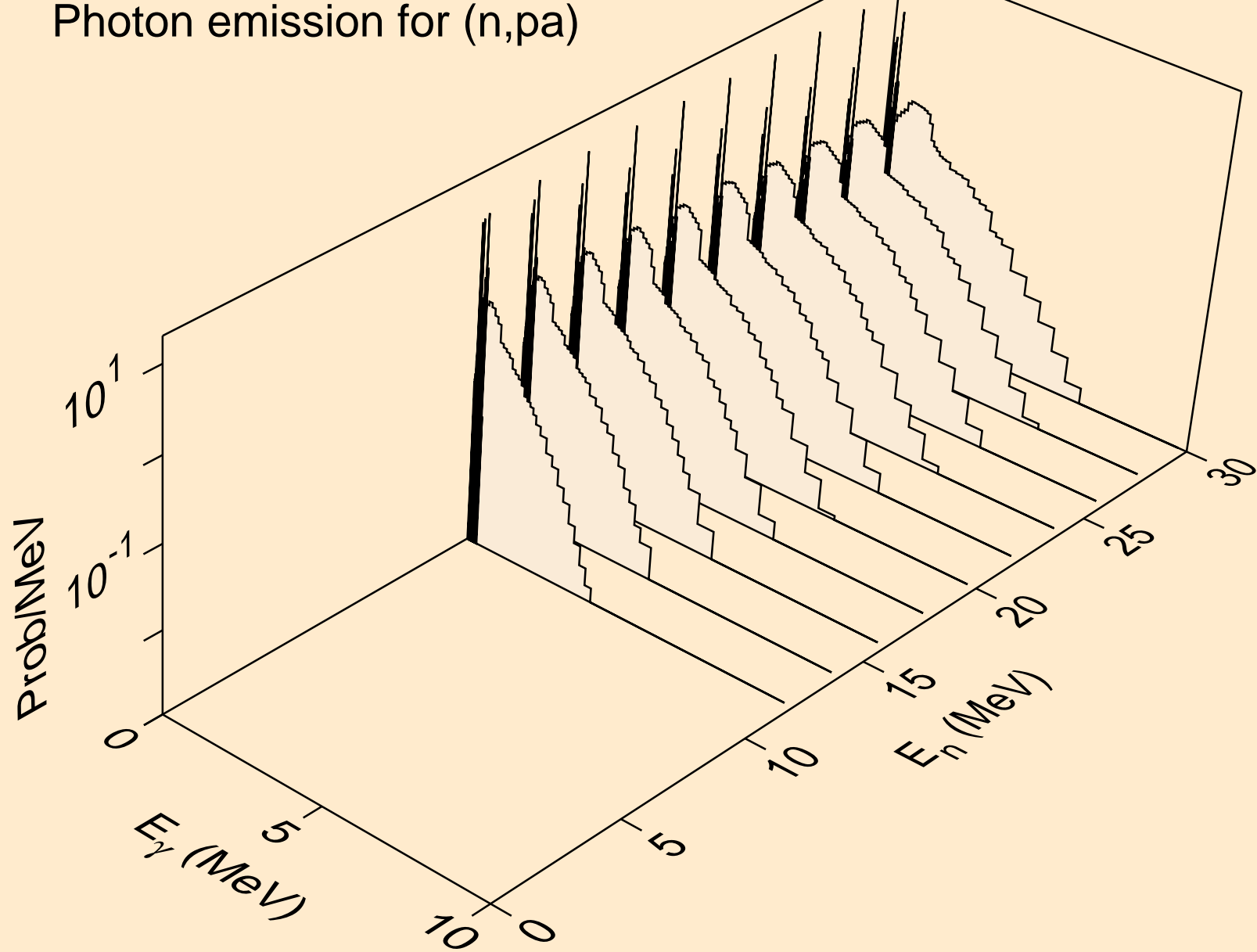
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



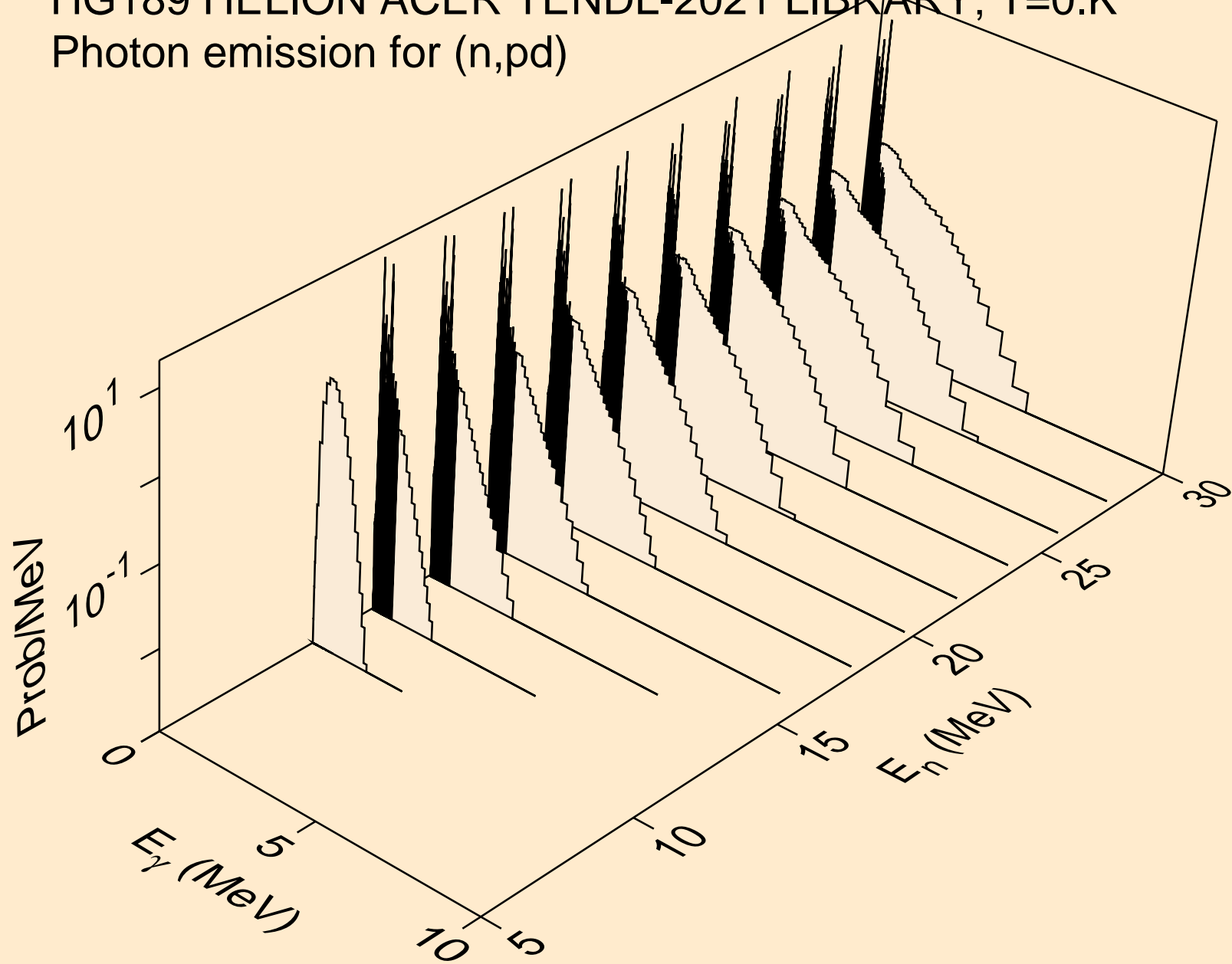
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



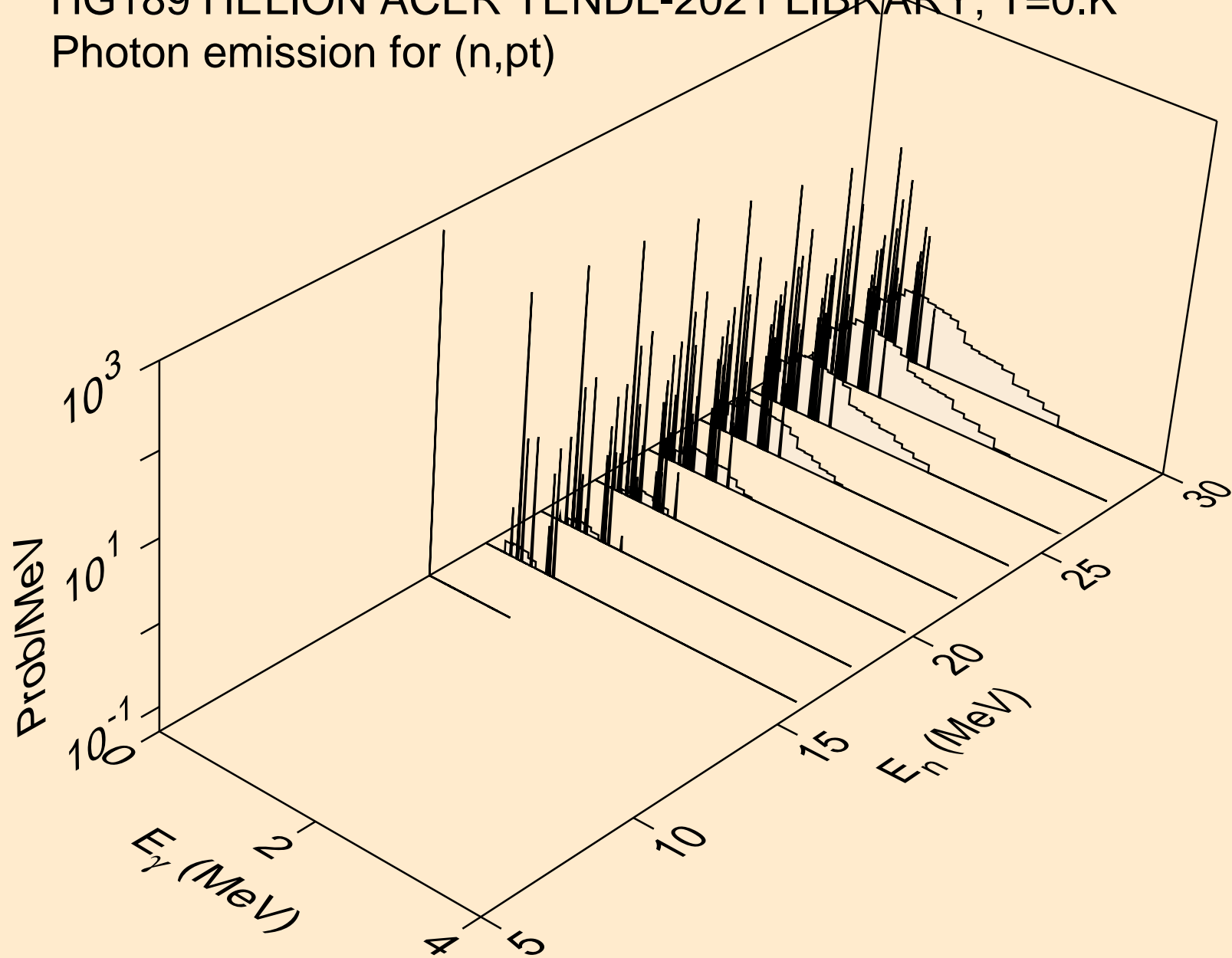
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



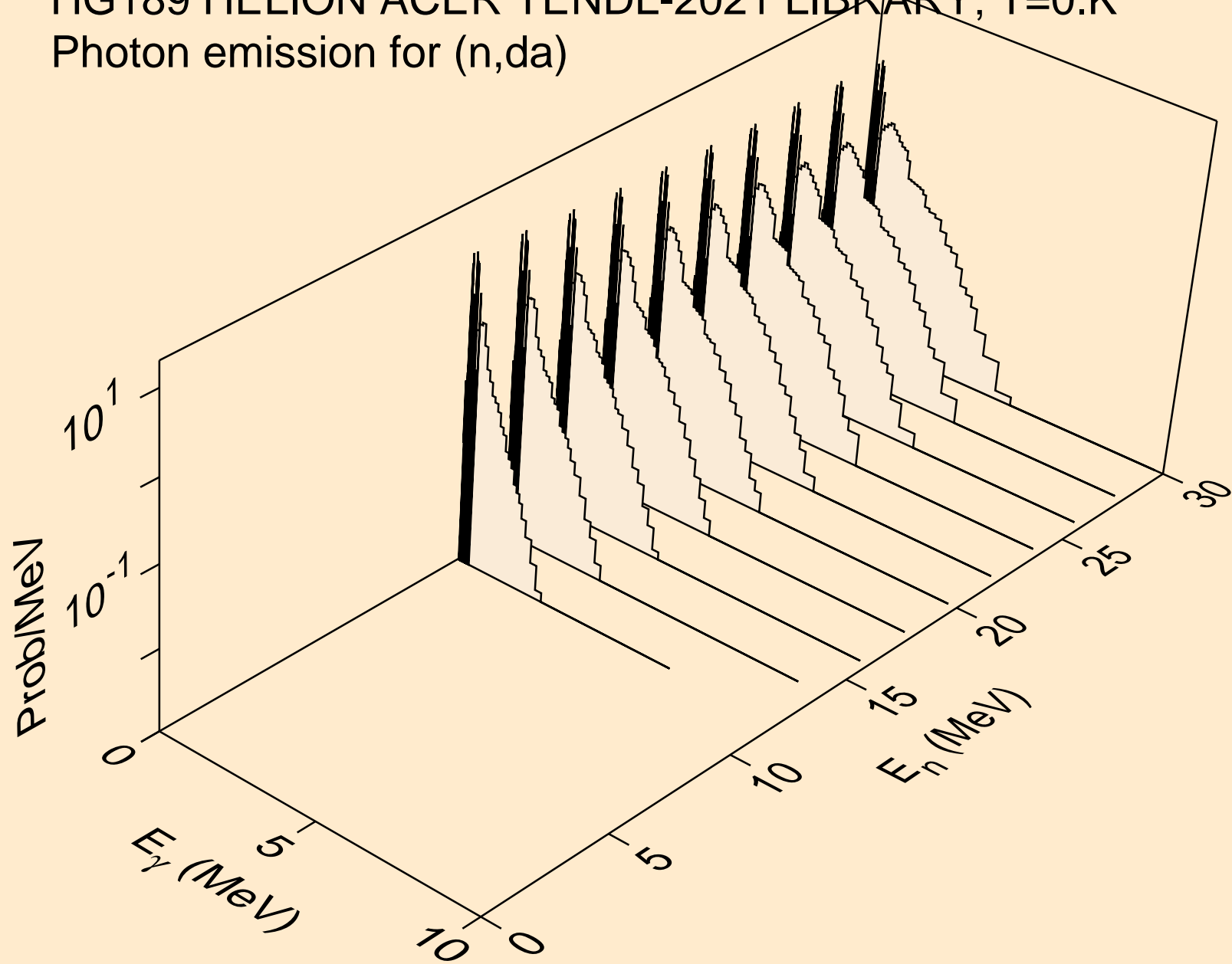
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

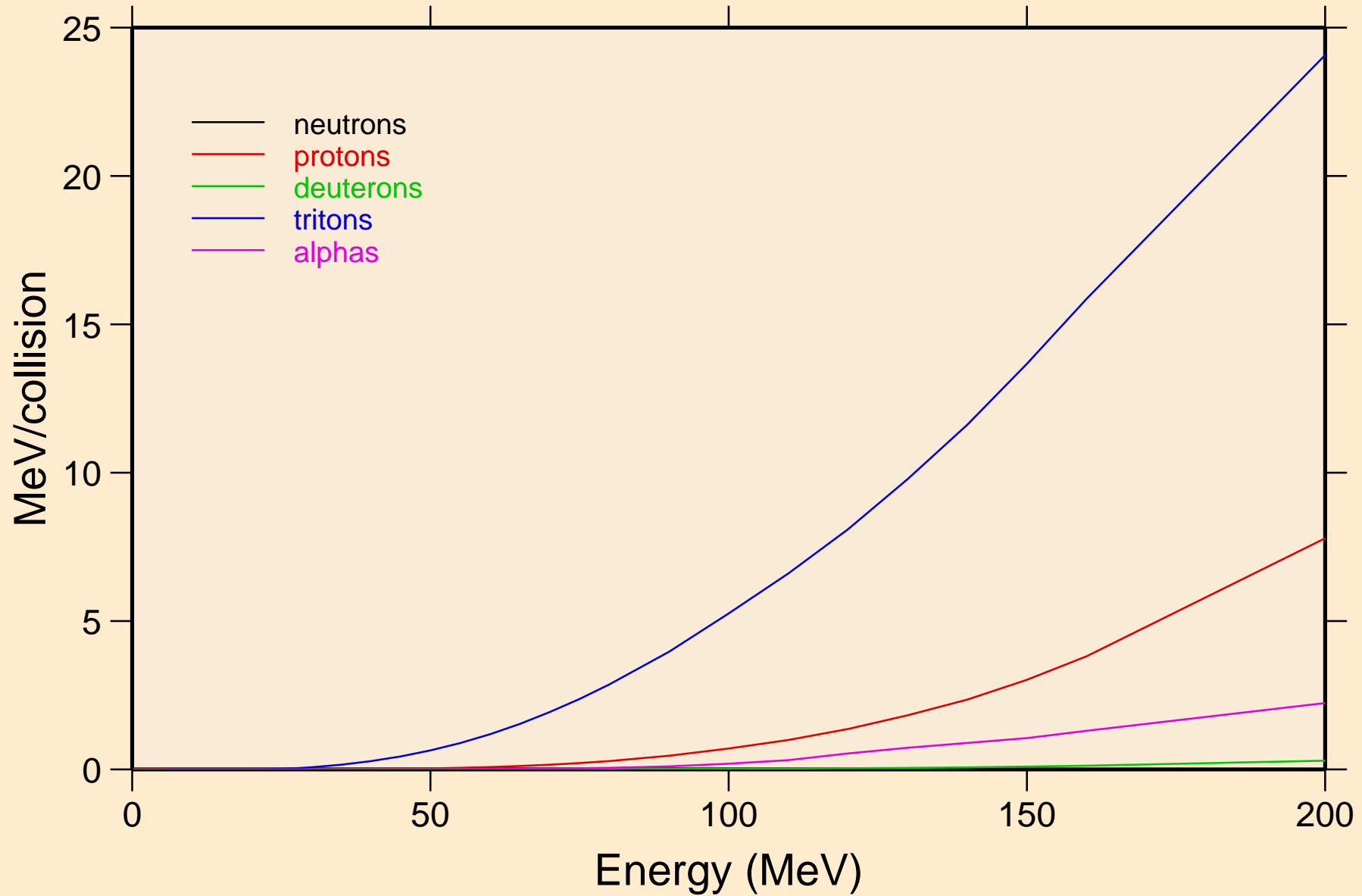


HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

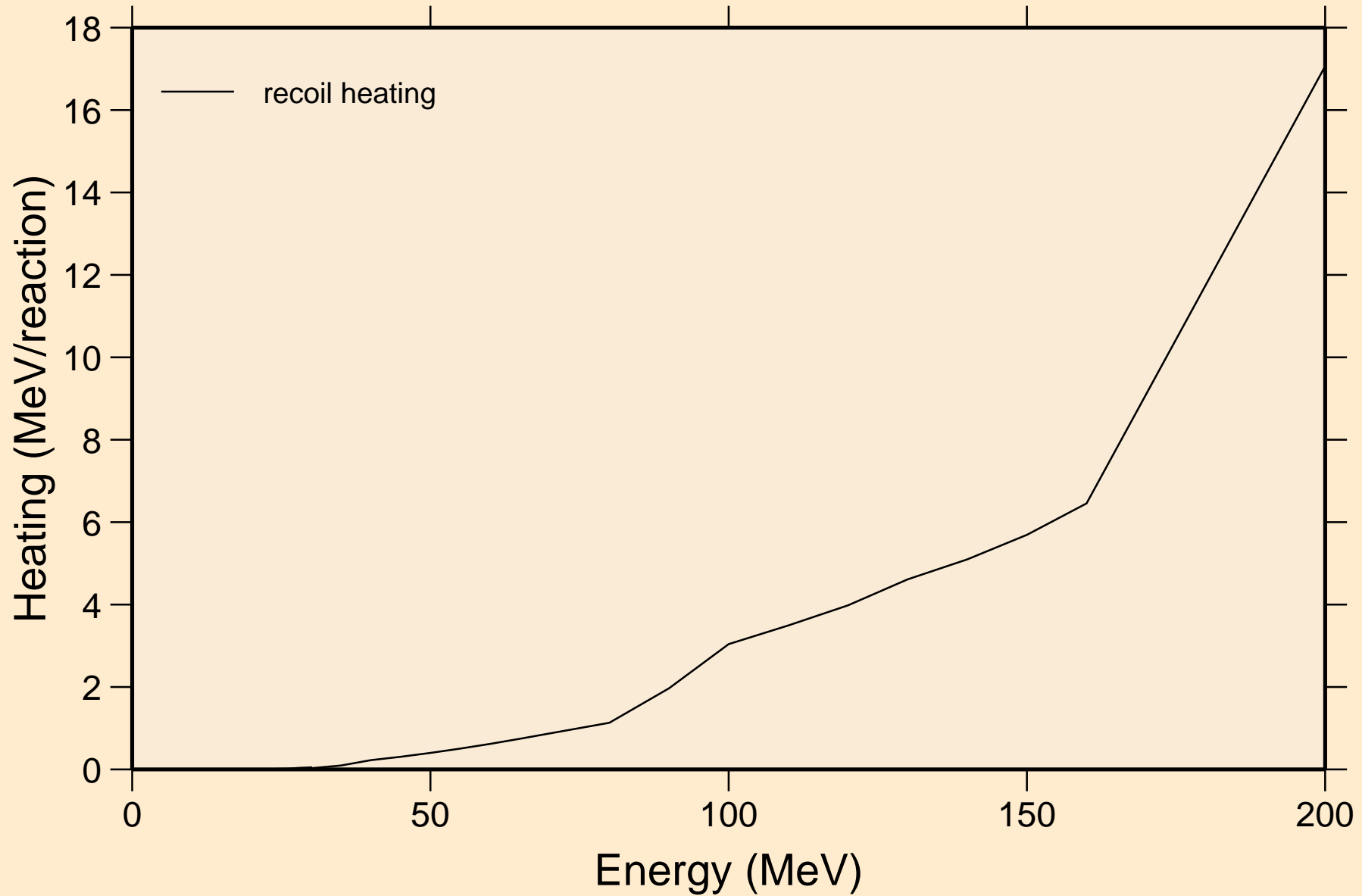


# HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions

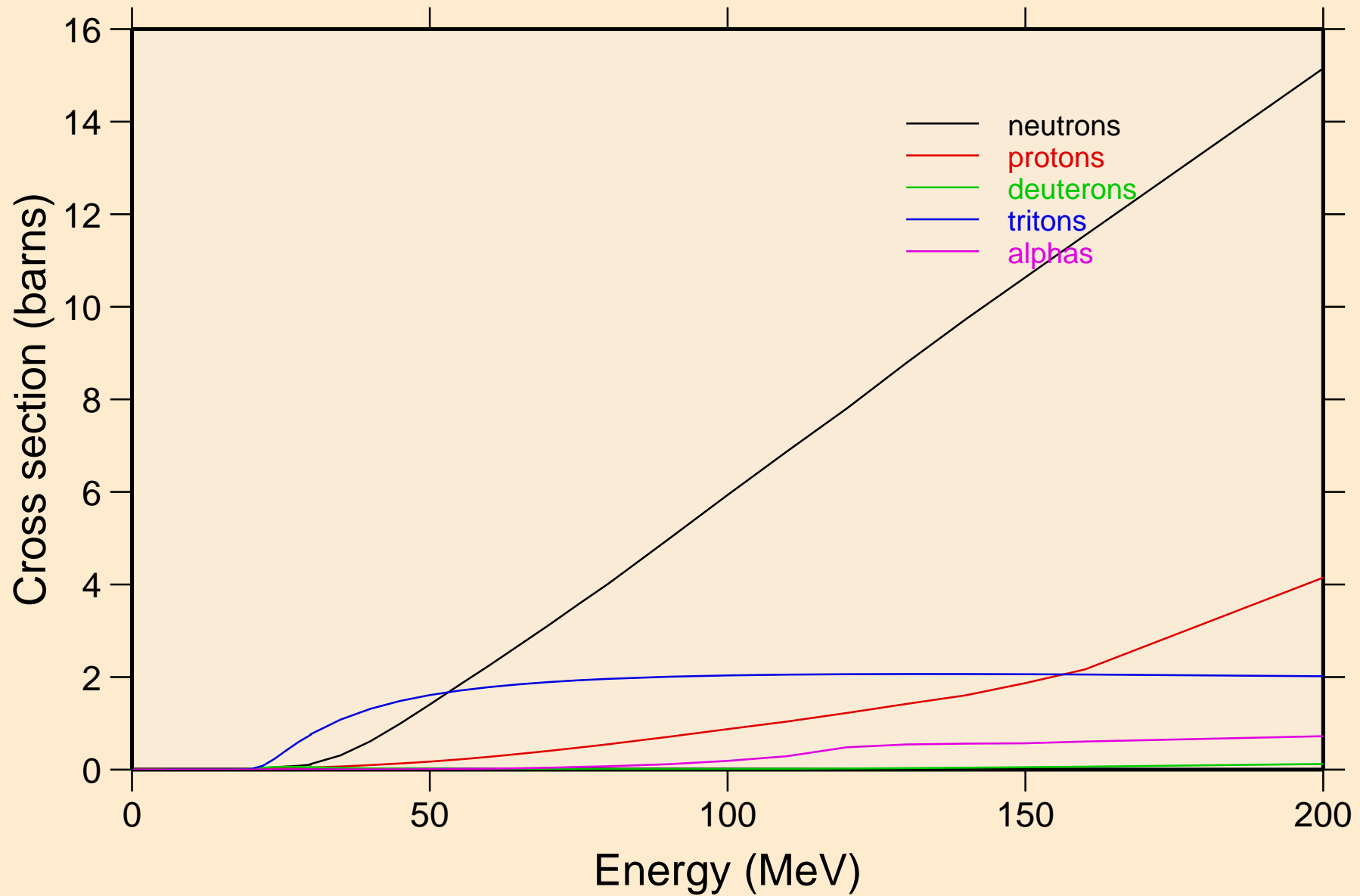


HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

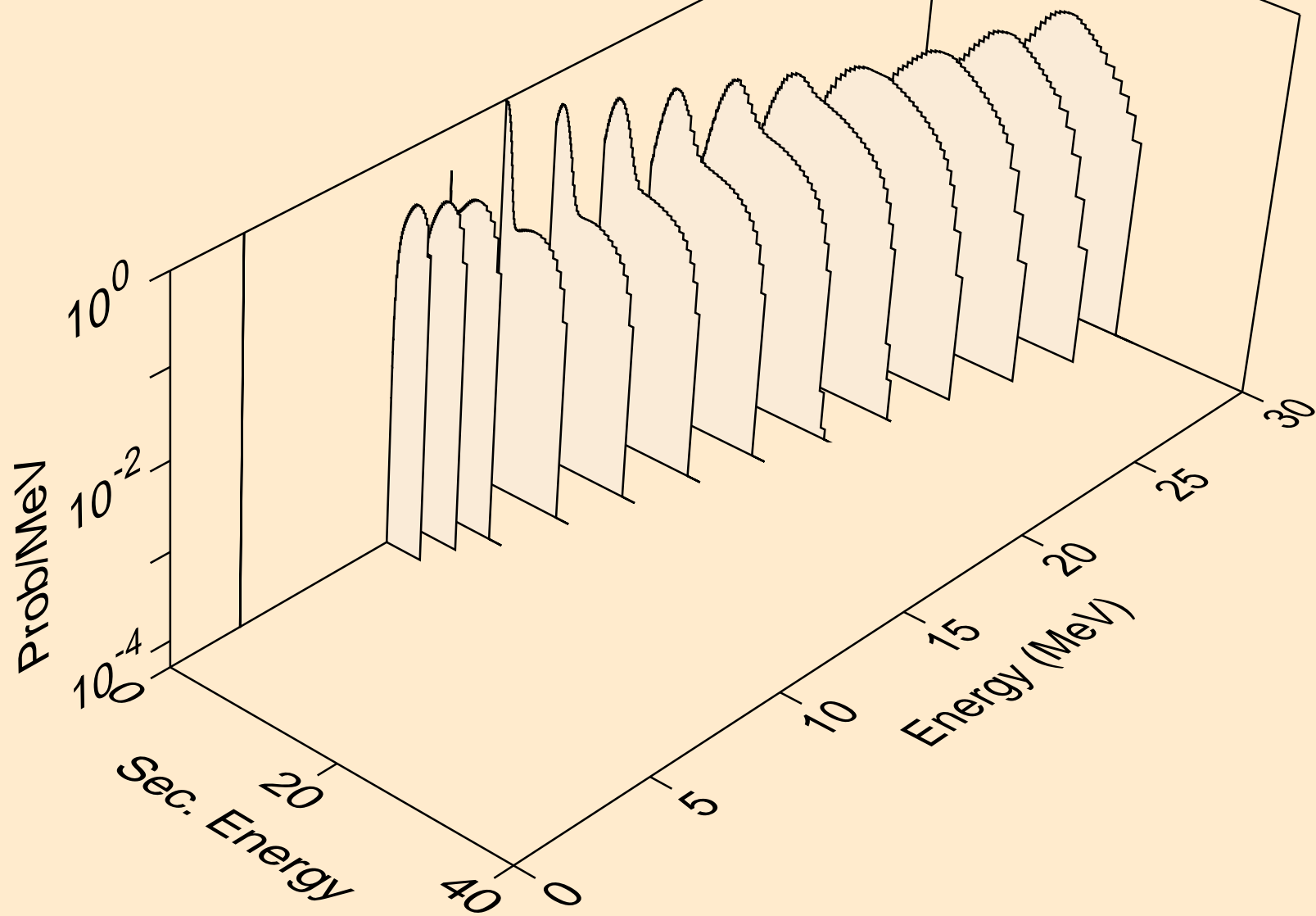




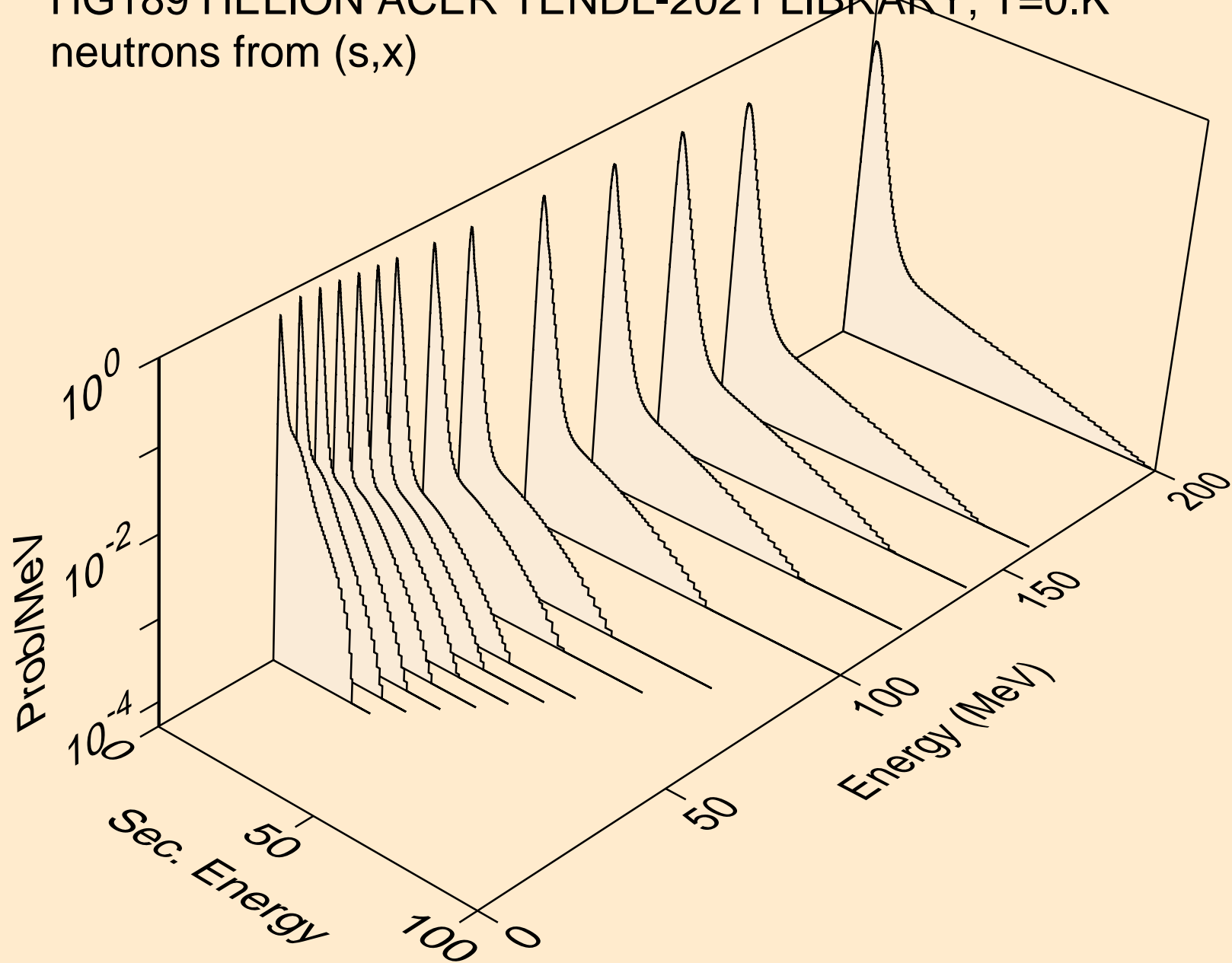
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



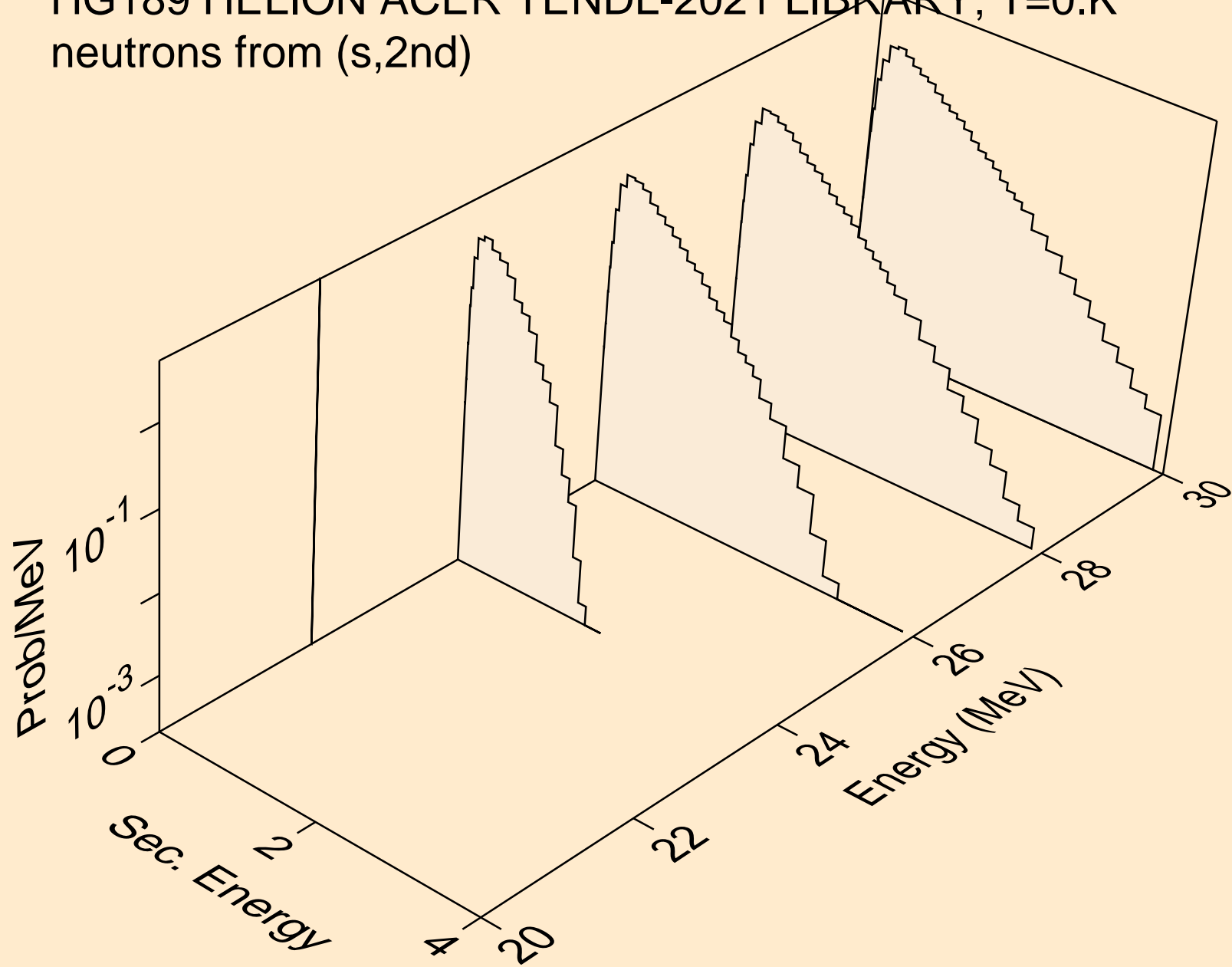
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



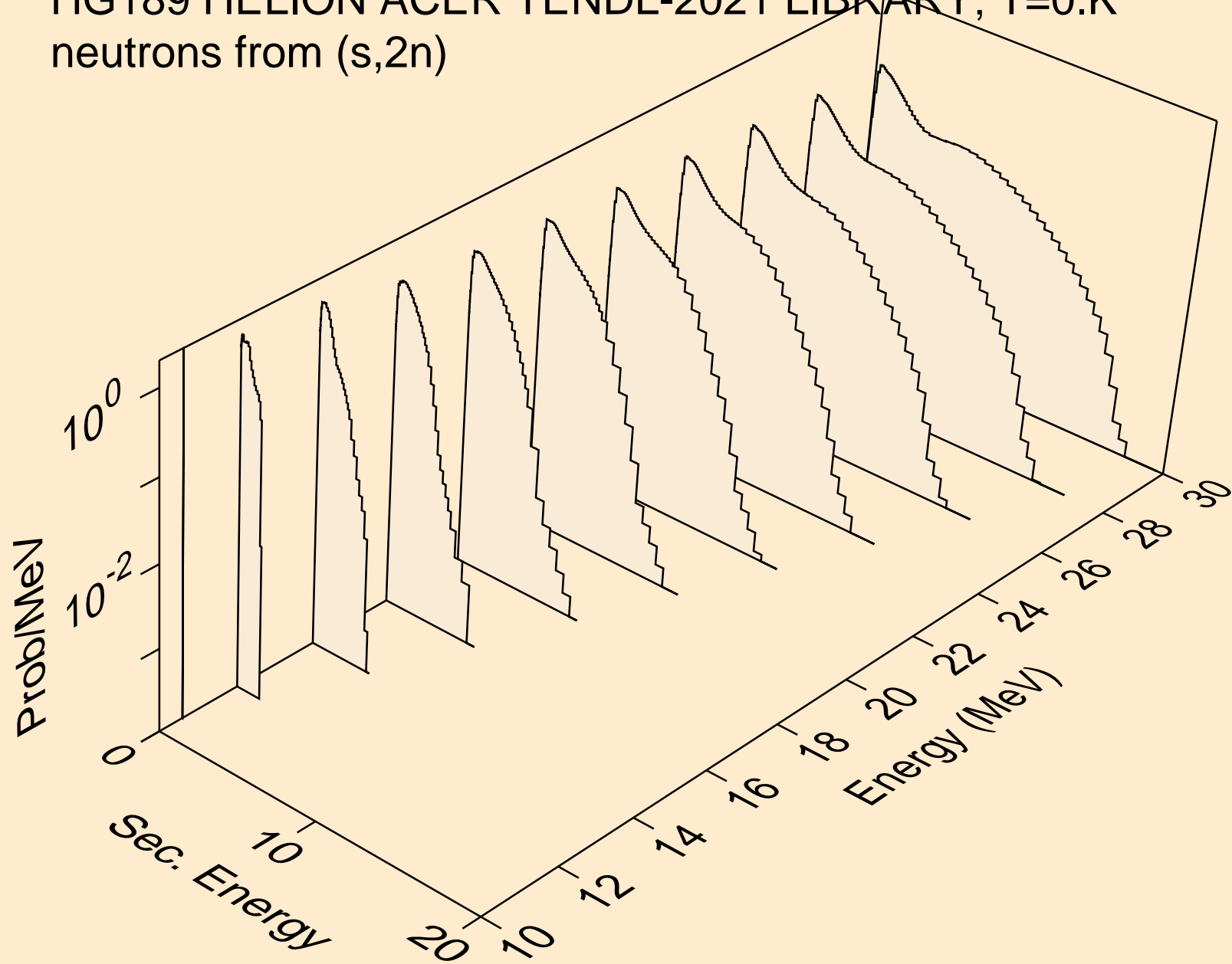
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



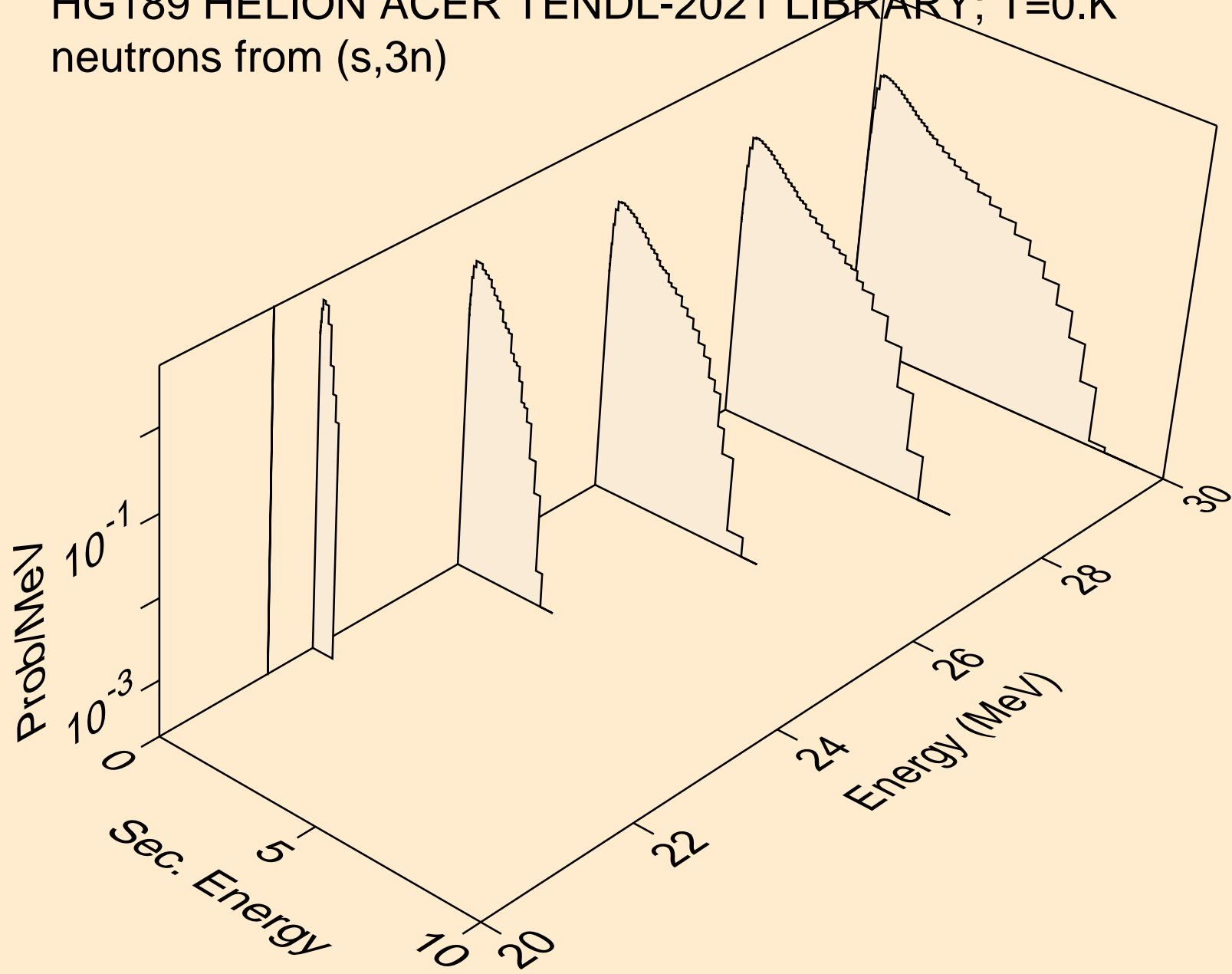
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2nd)



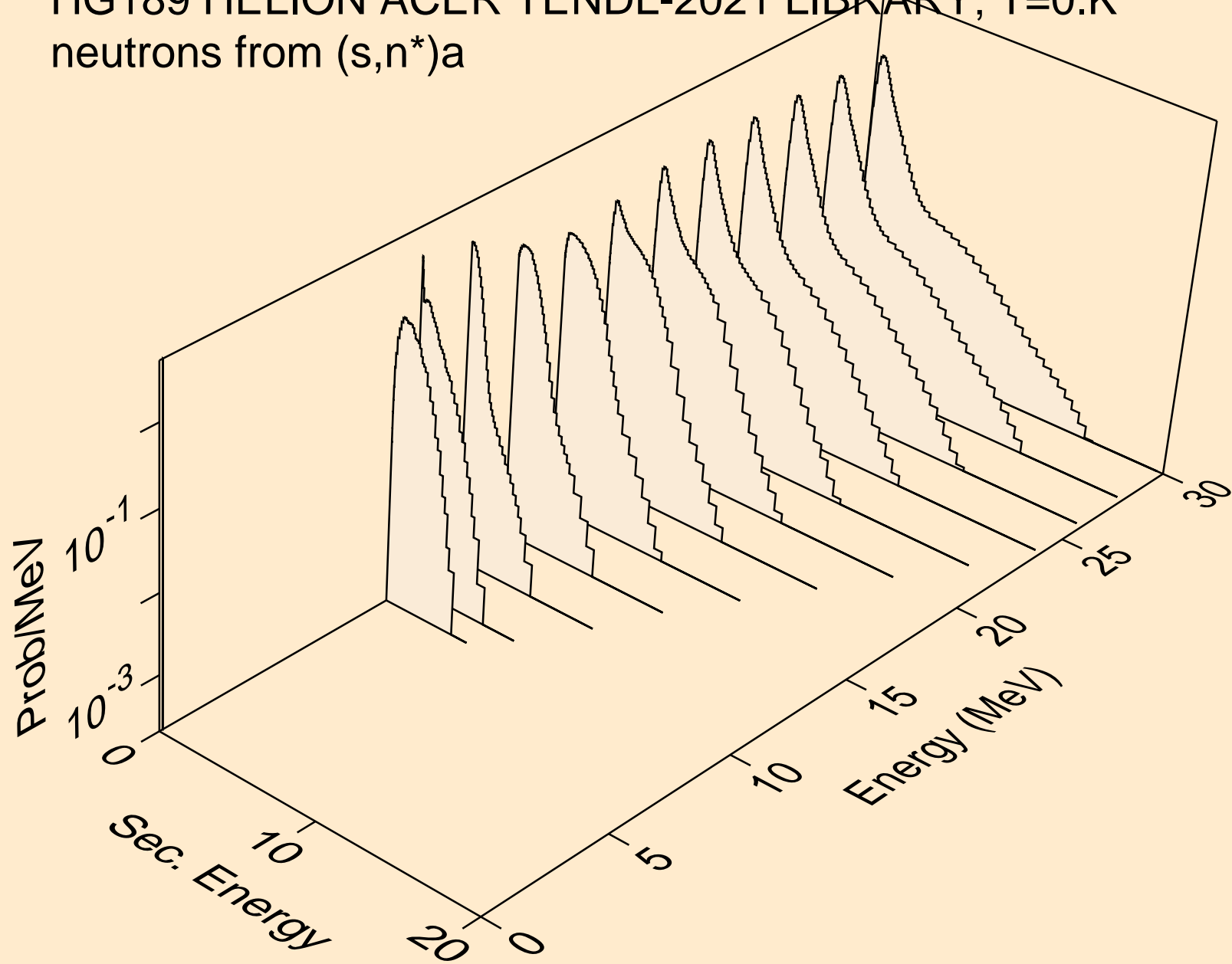
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



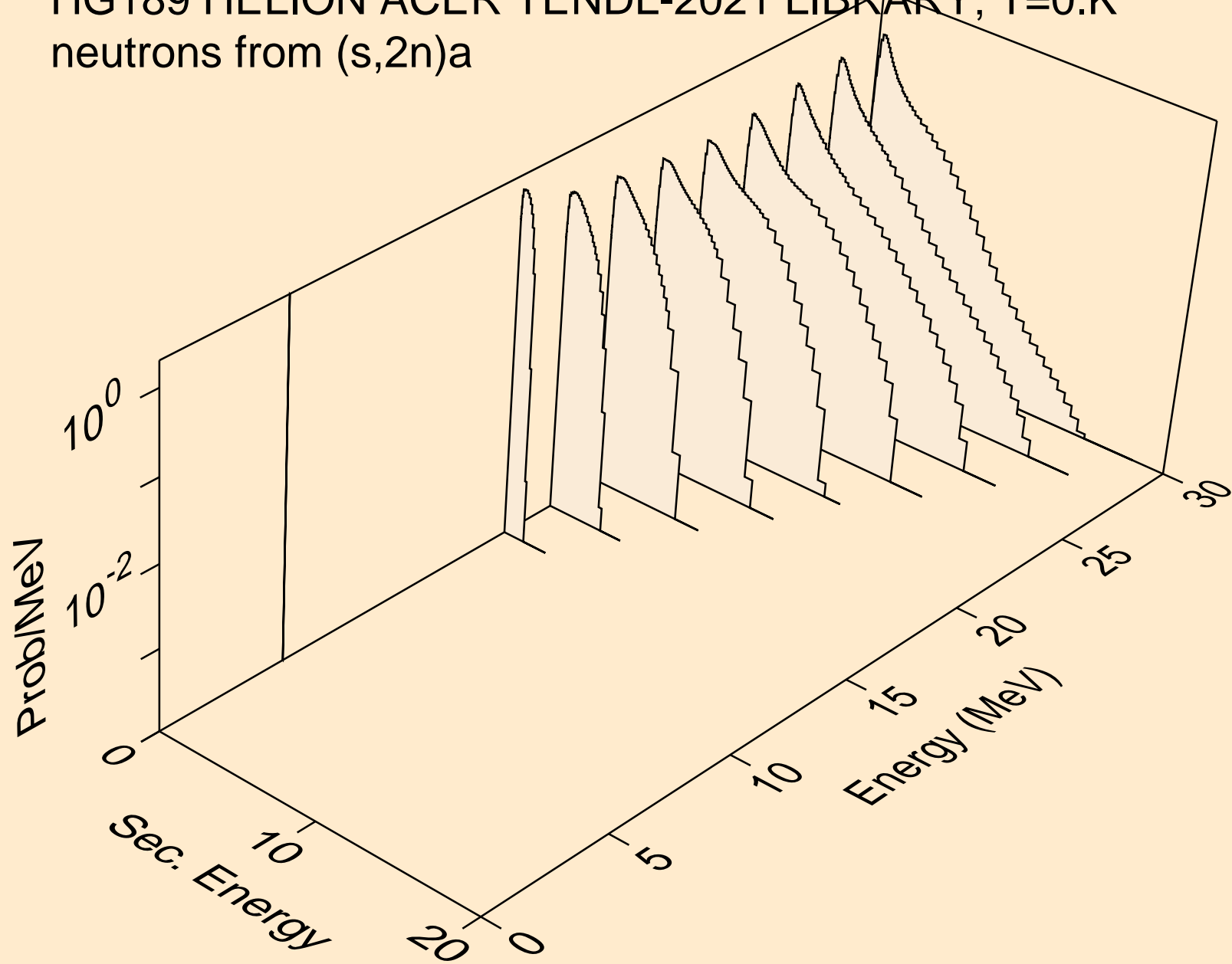
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)



HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a

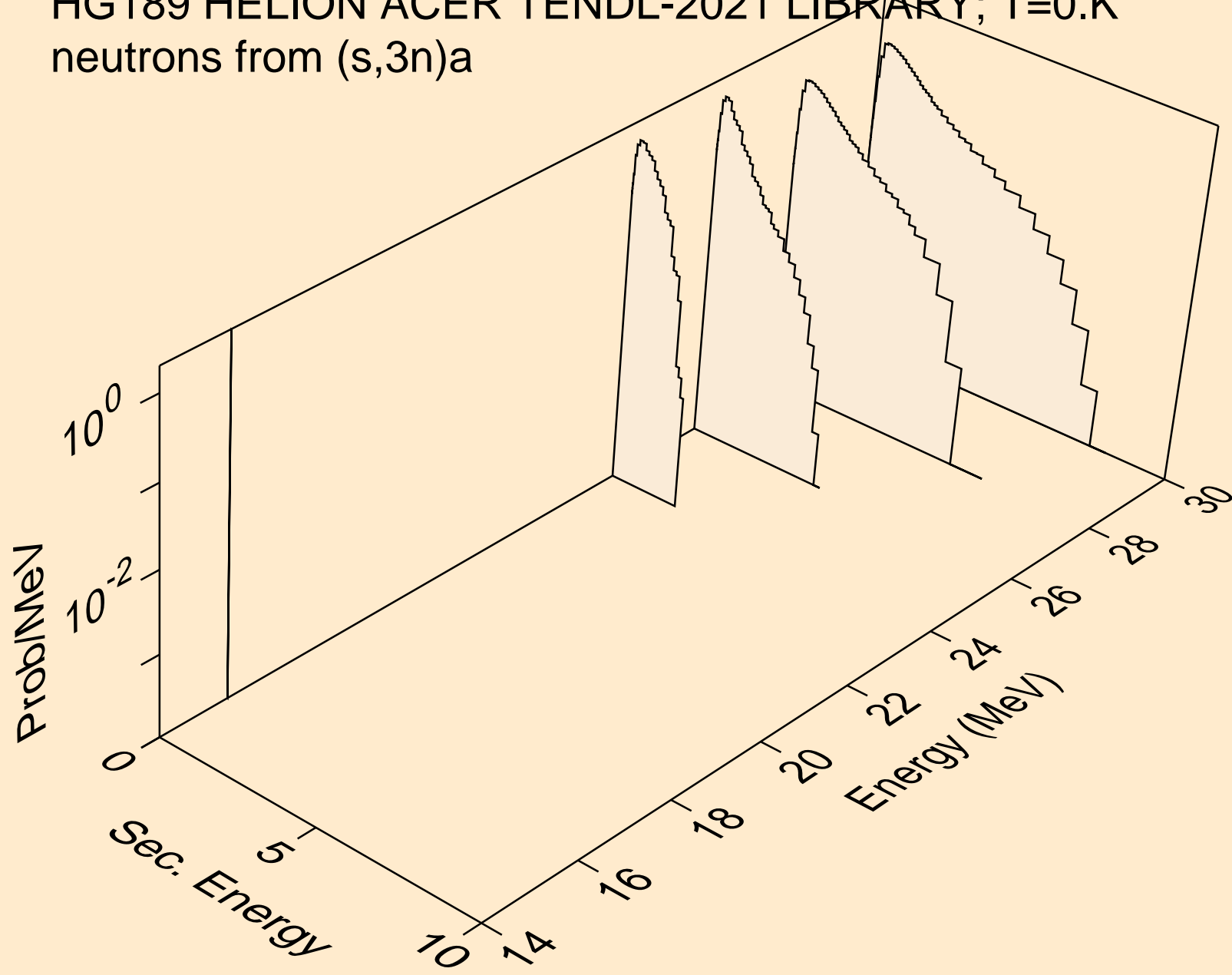


HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)a

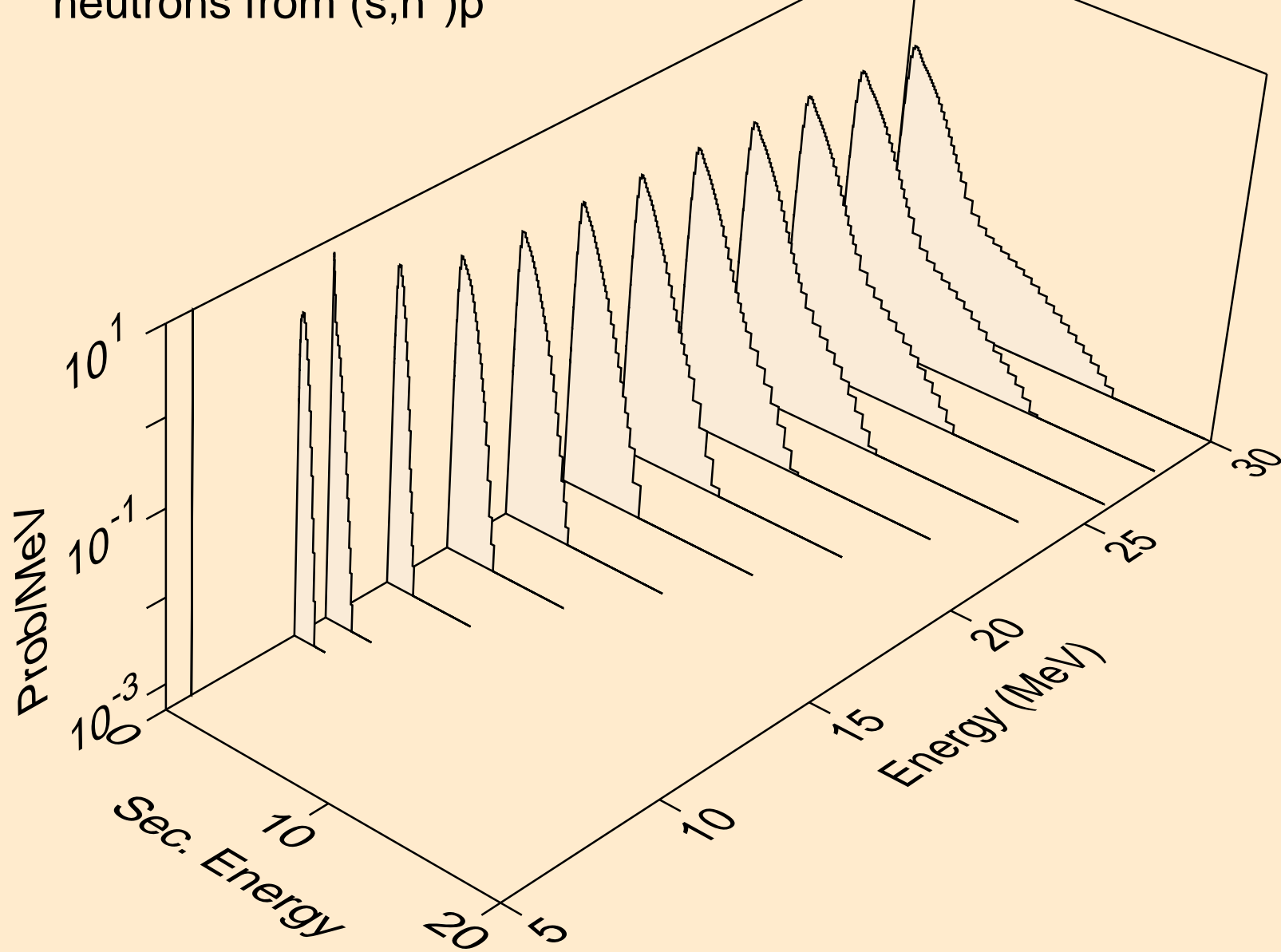




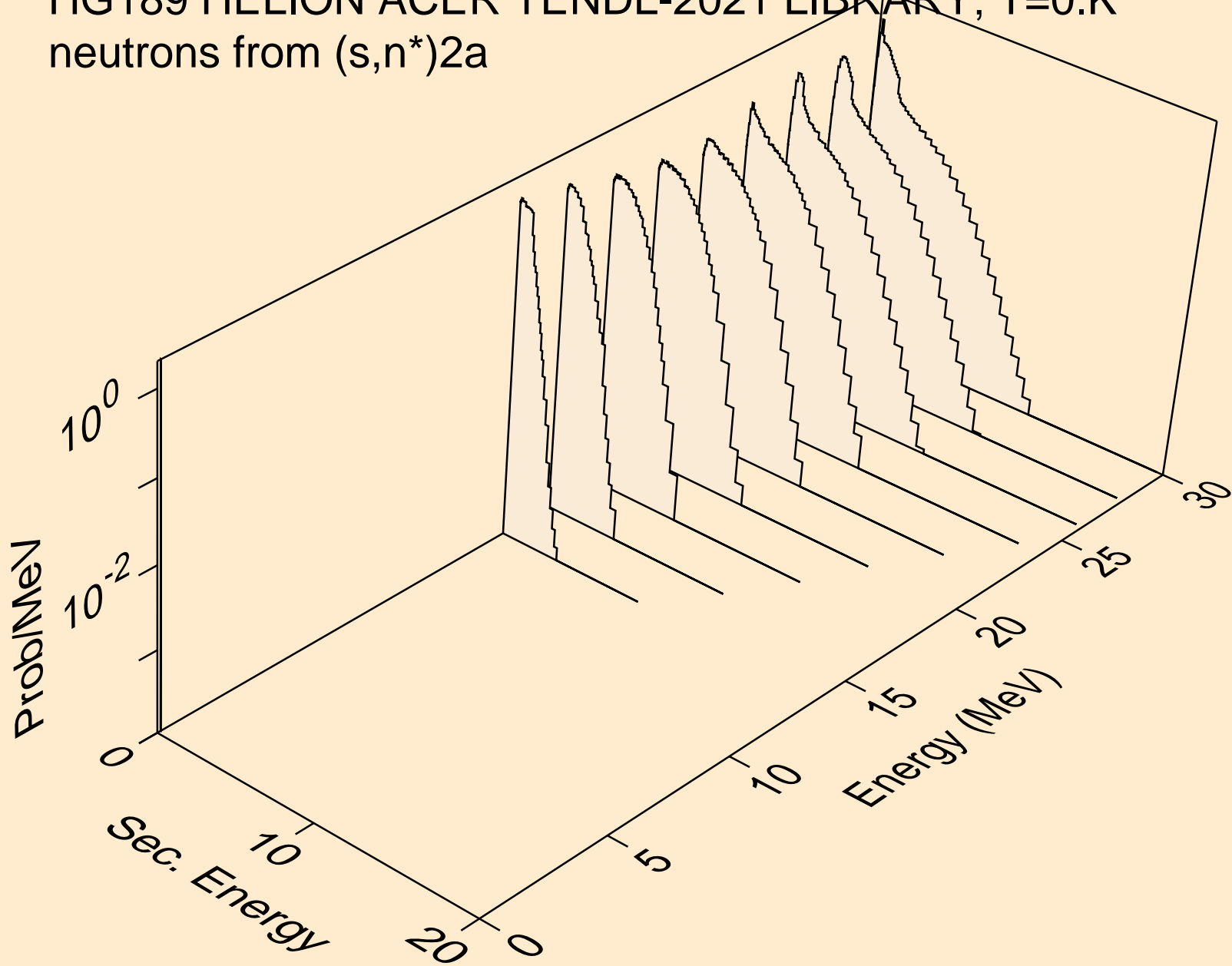
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3n)a



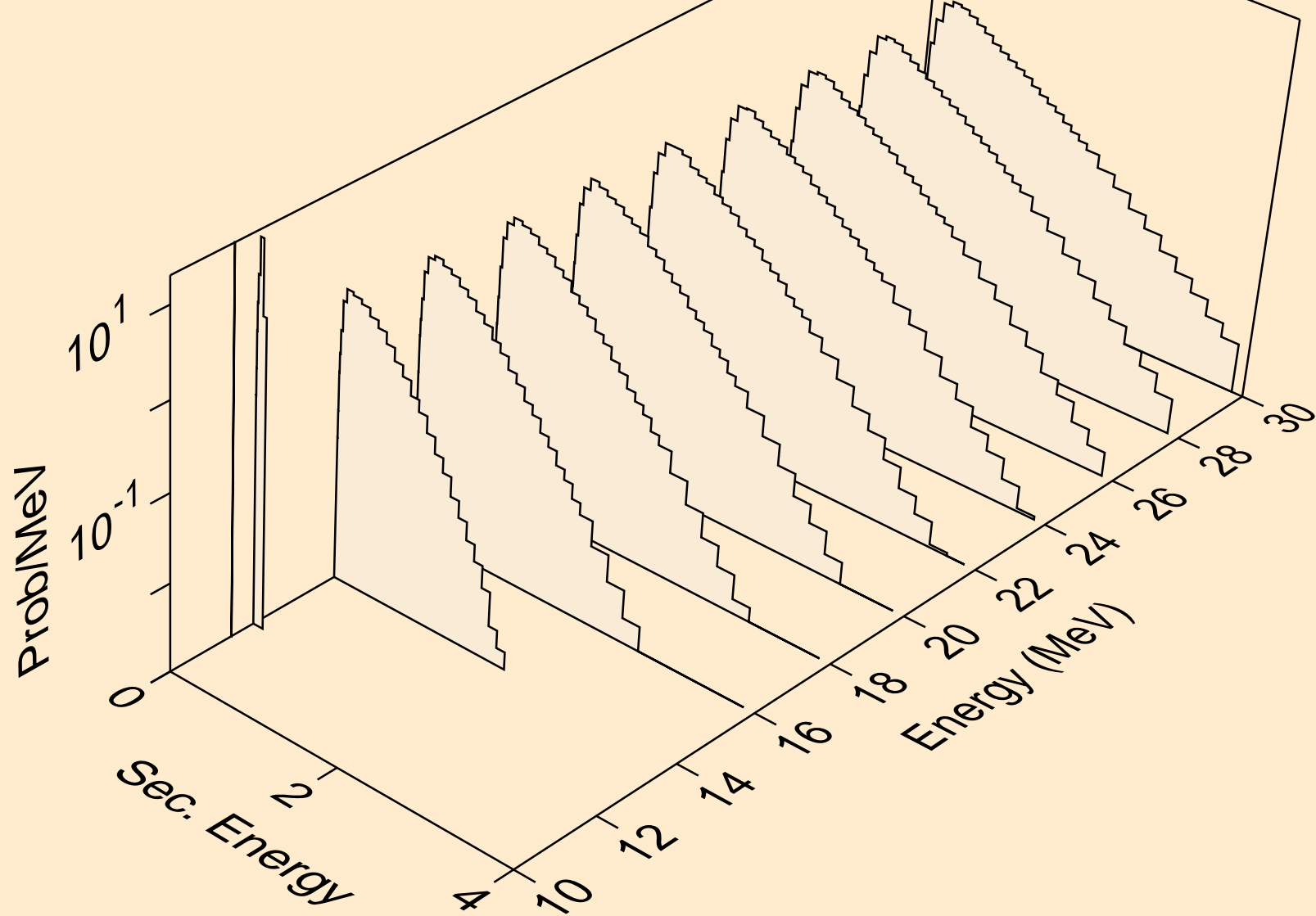
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



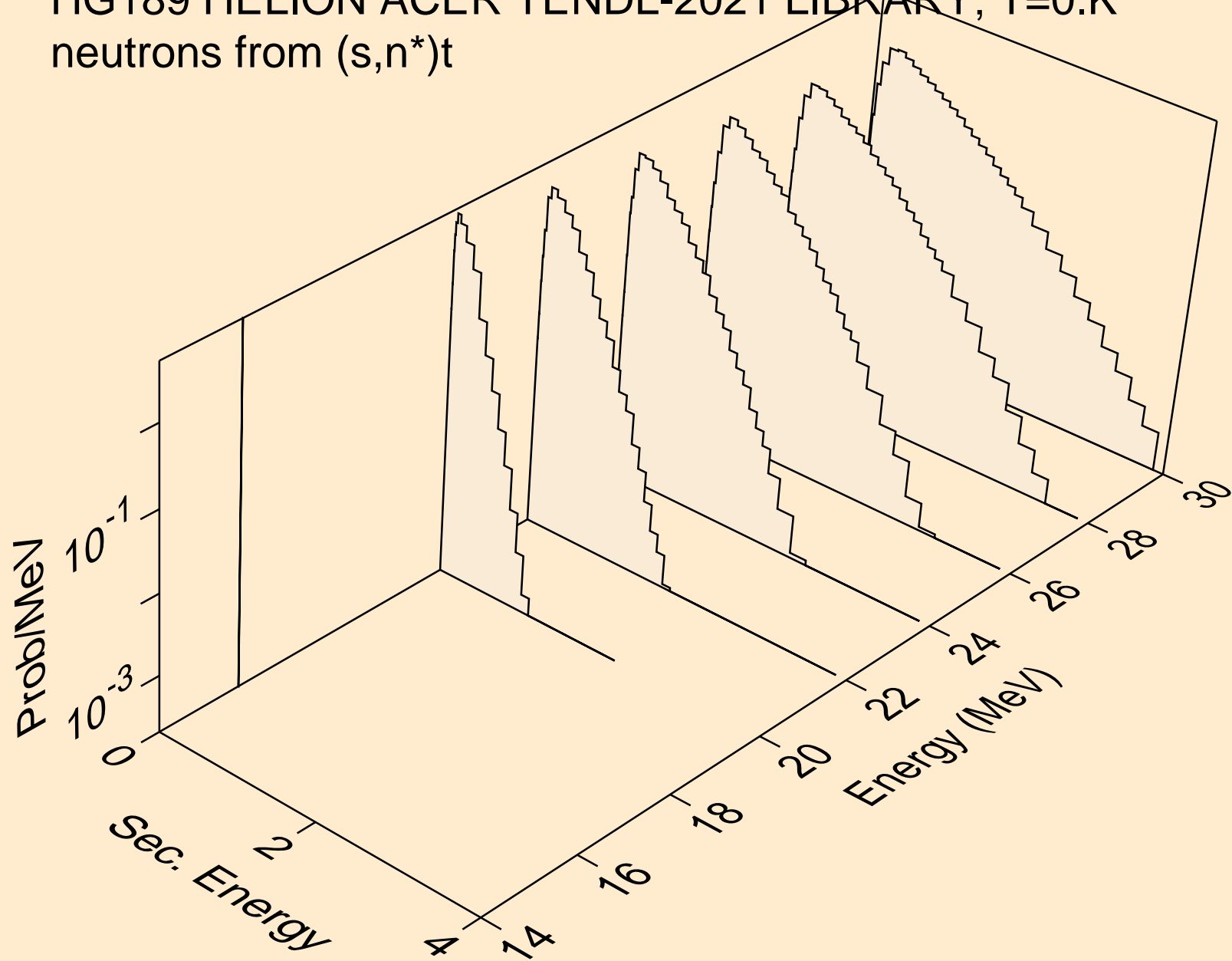
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
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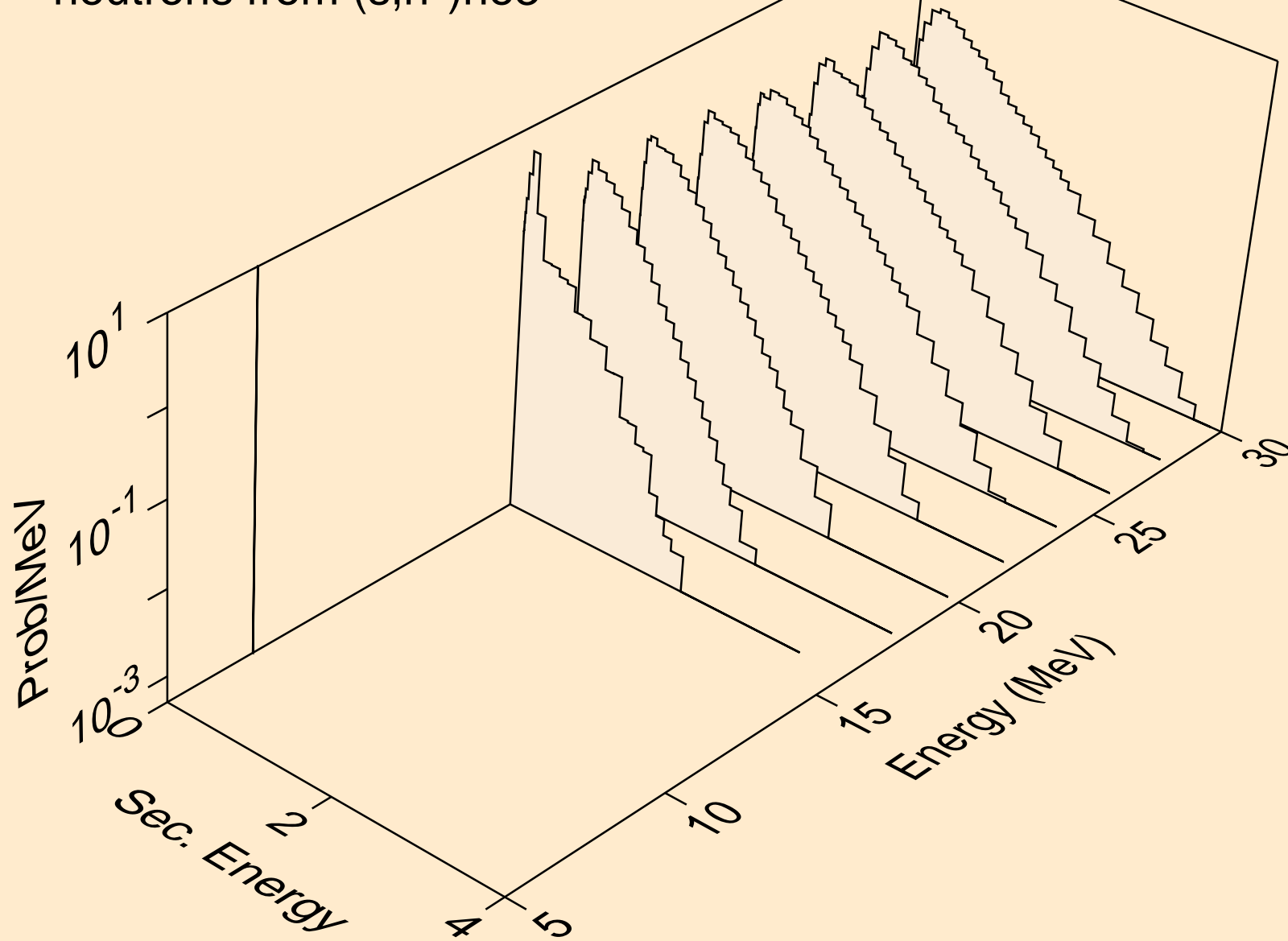
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



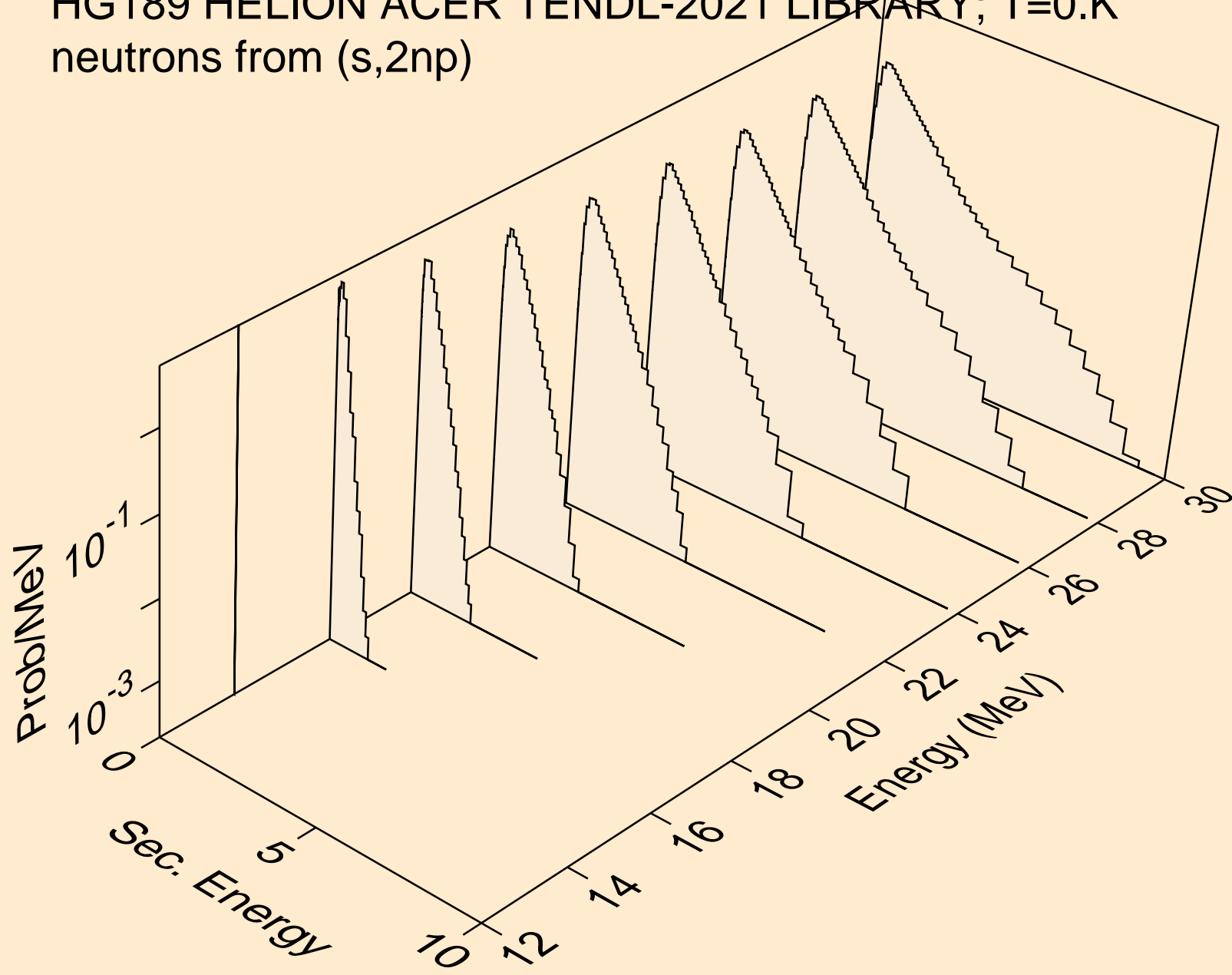
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)t



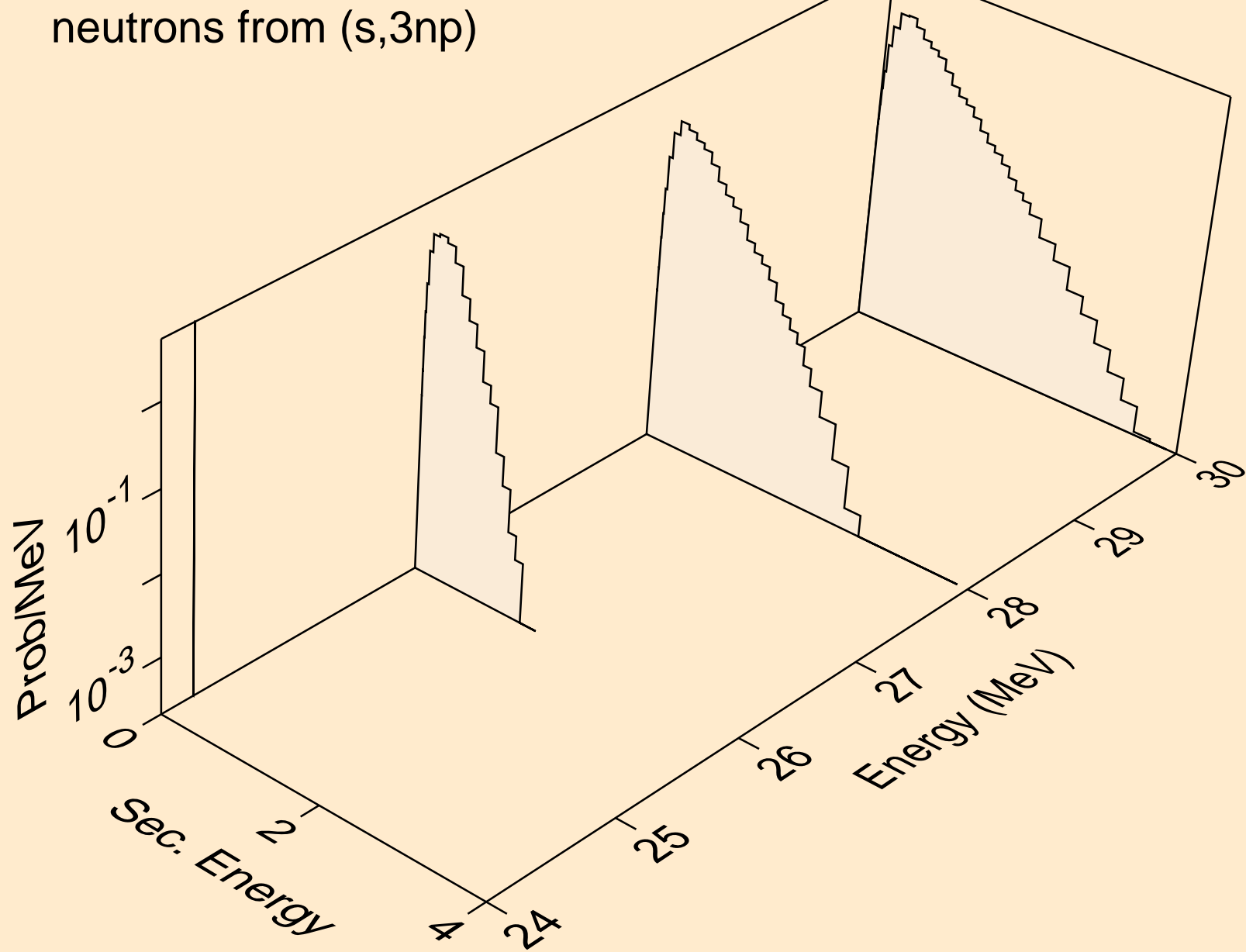
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

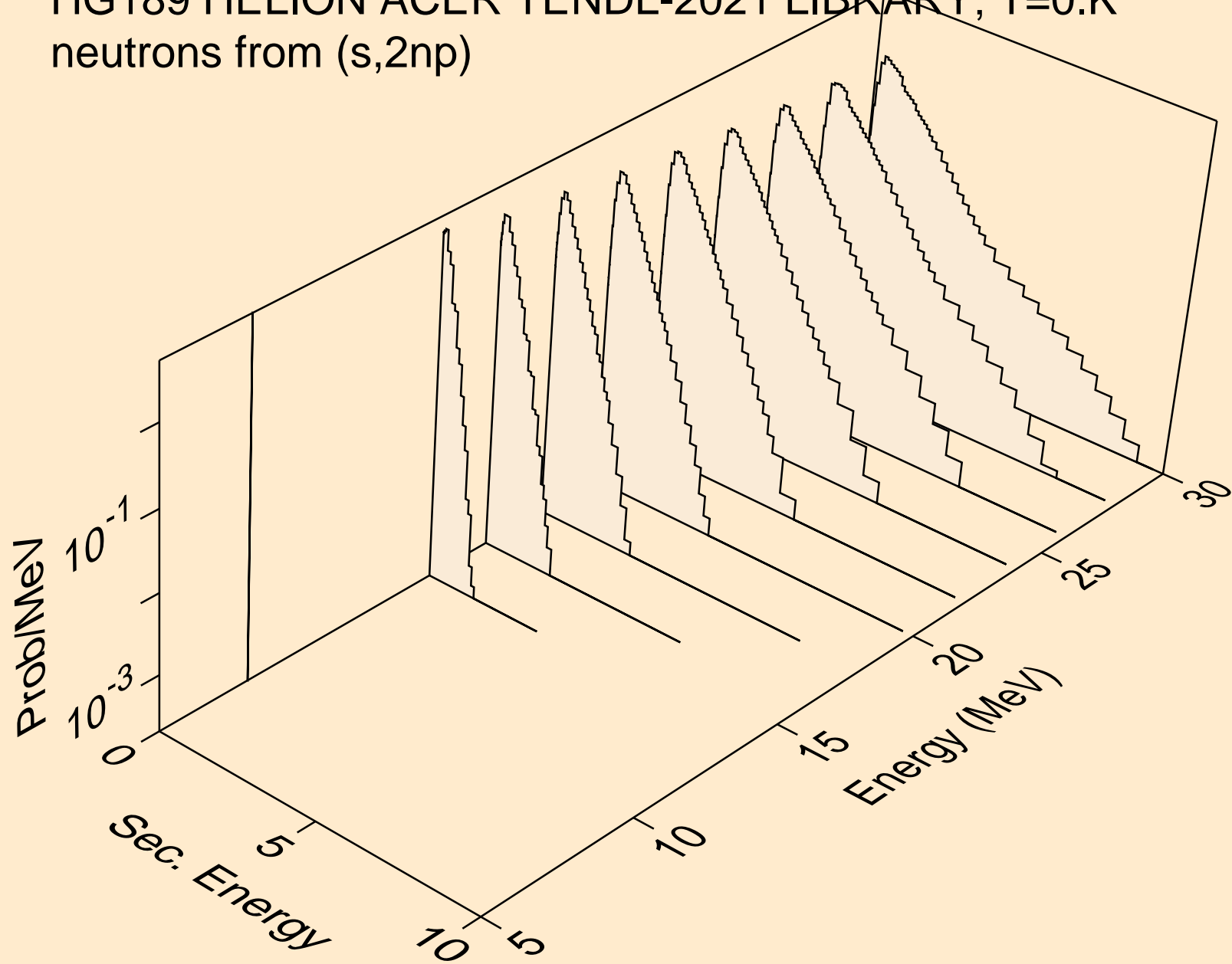


HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,3np)

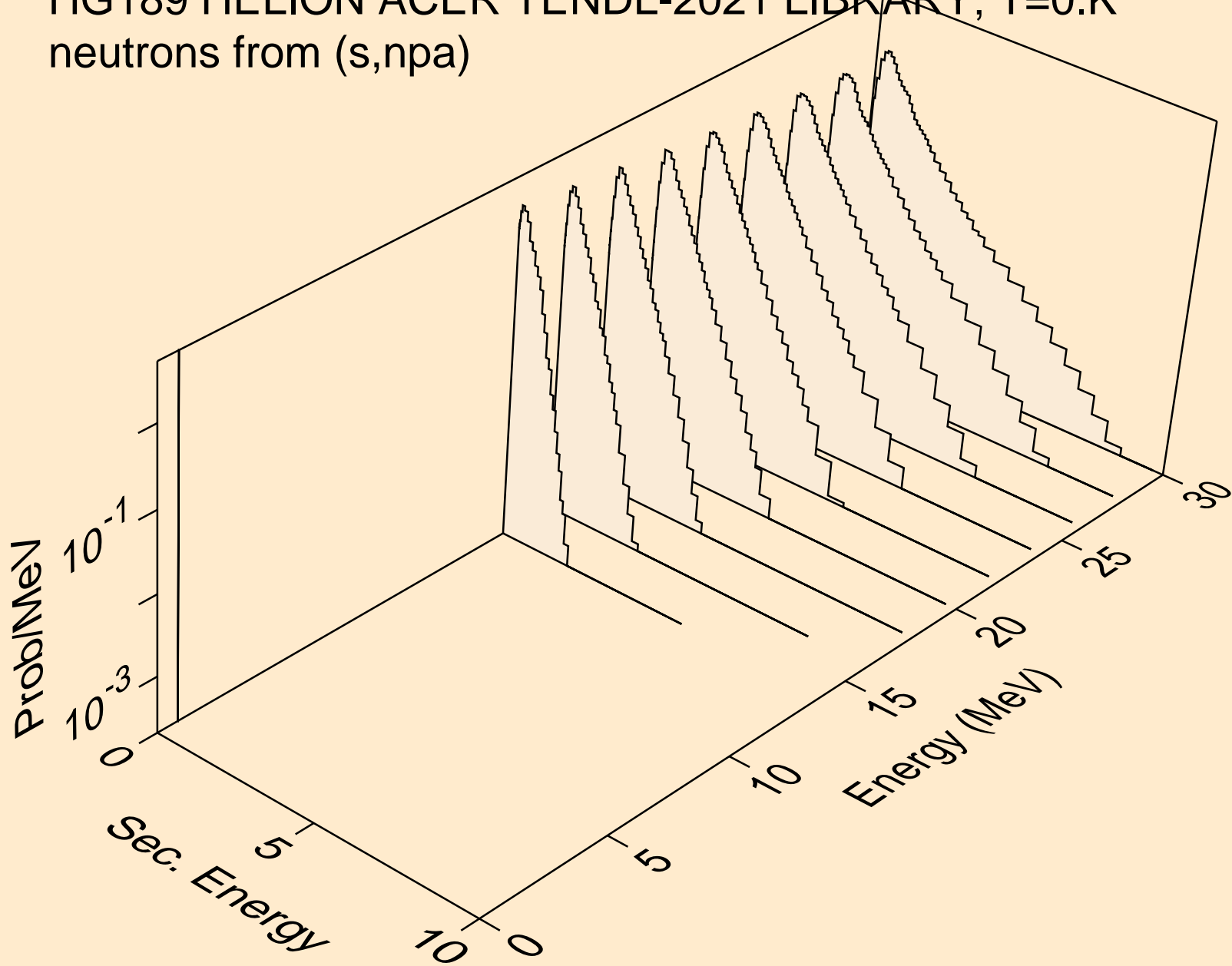




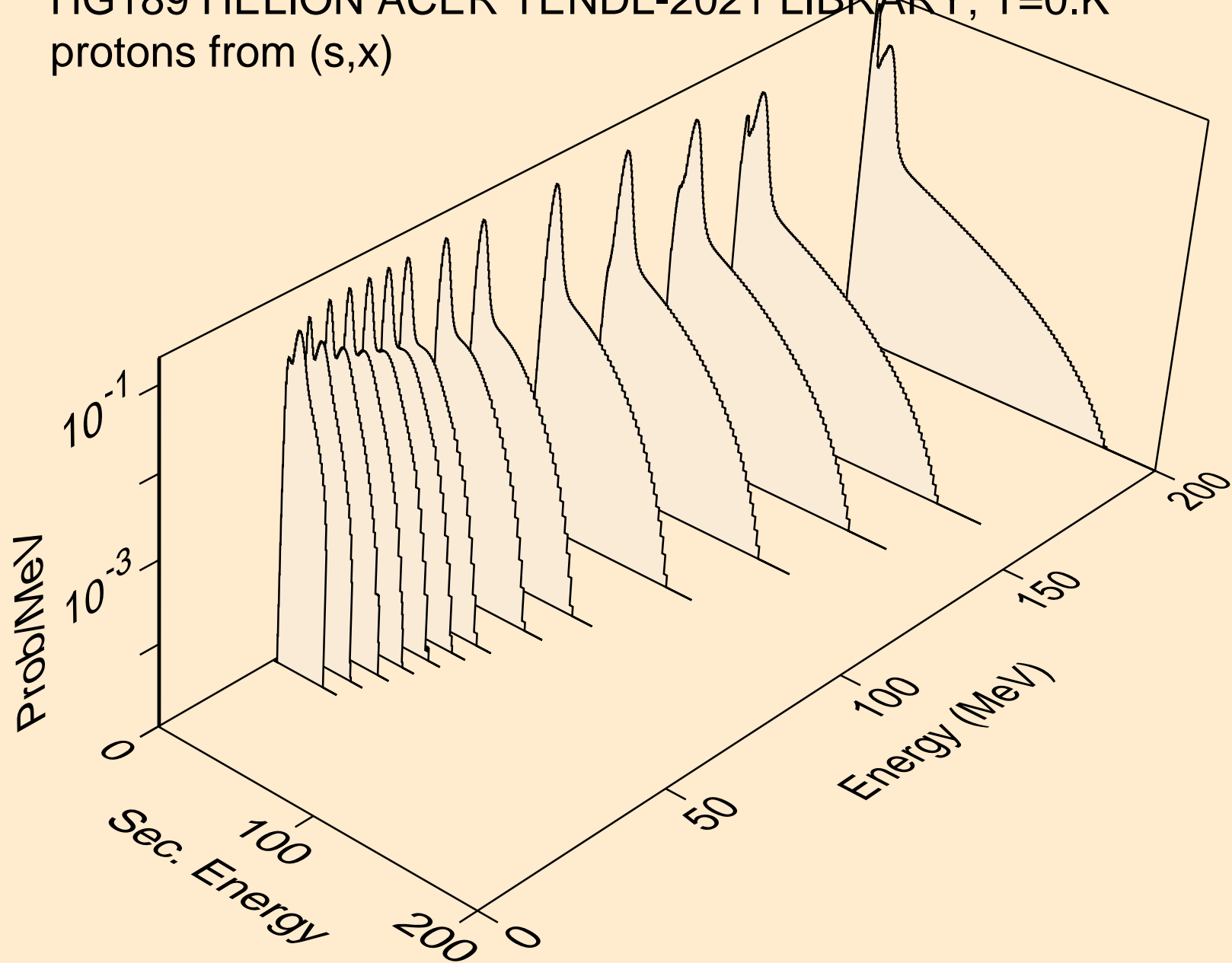
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



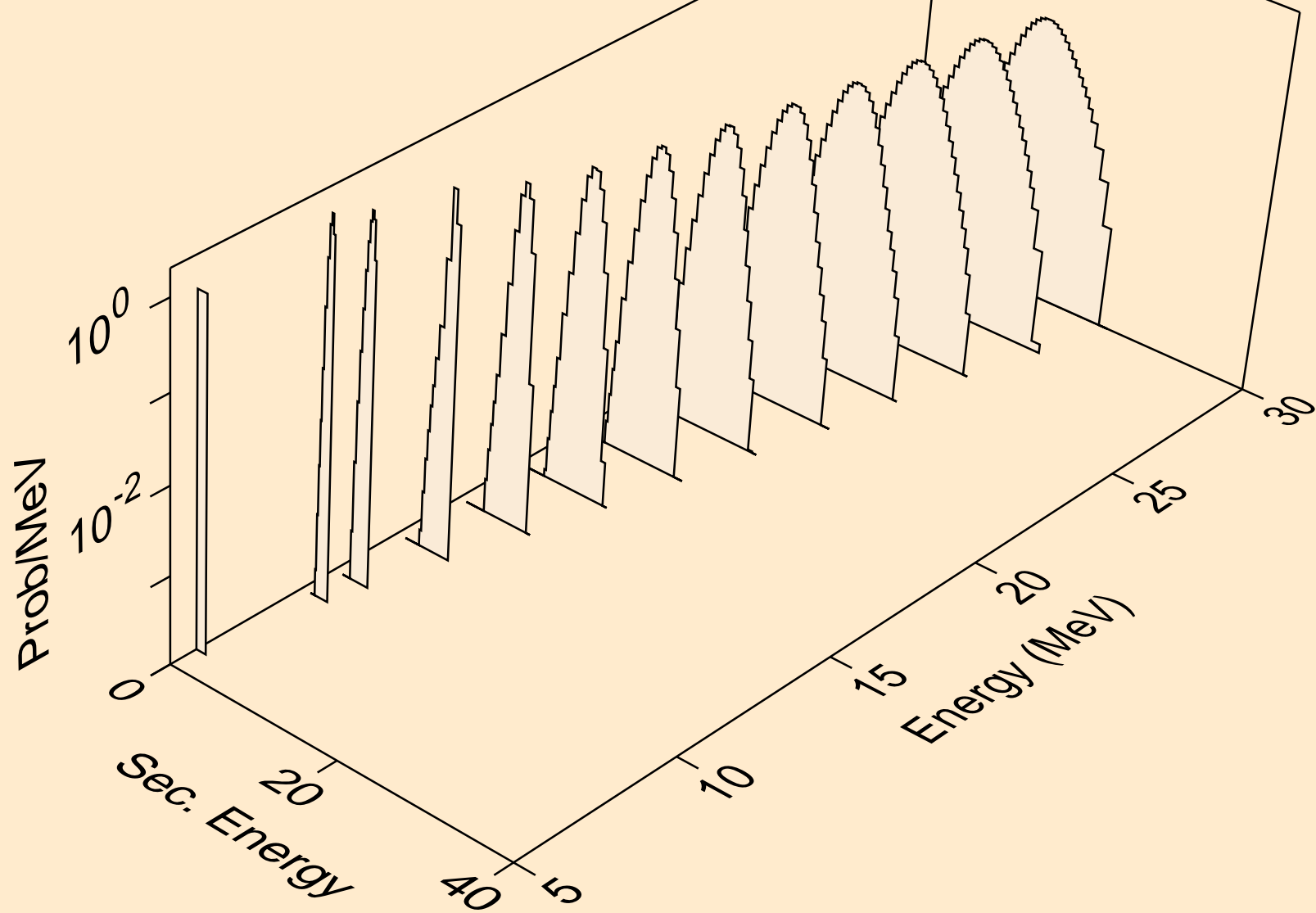
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



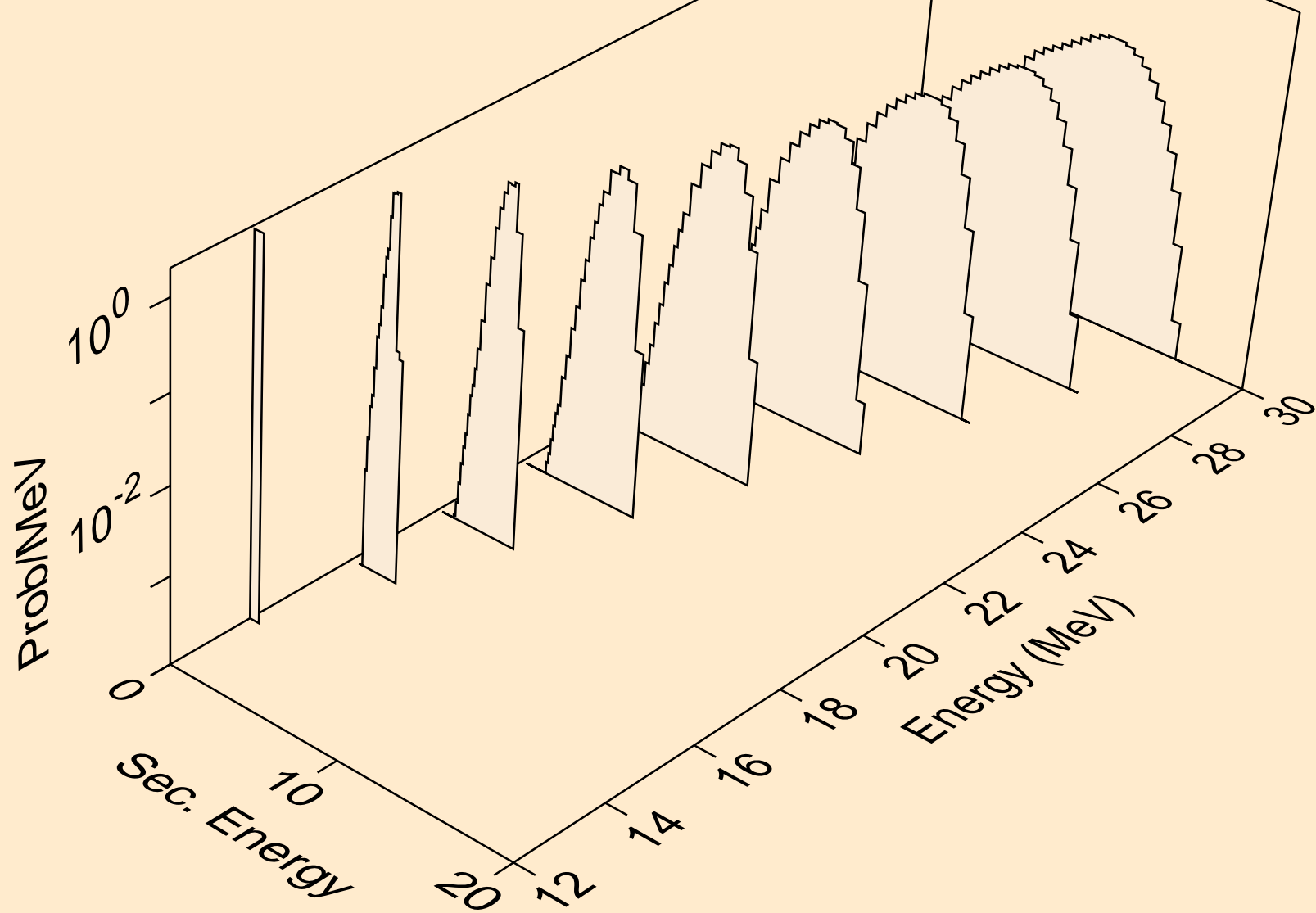
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



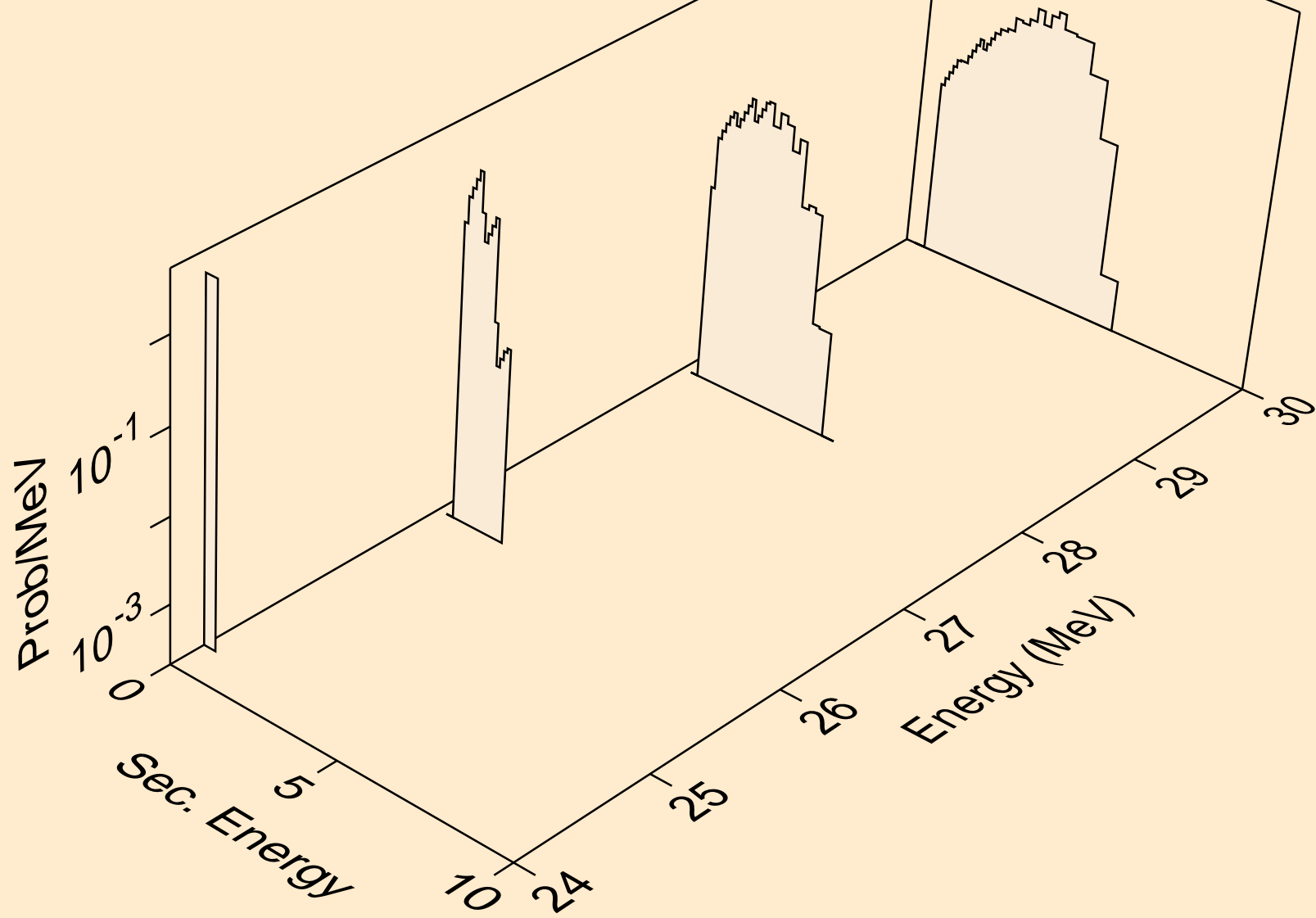
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



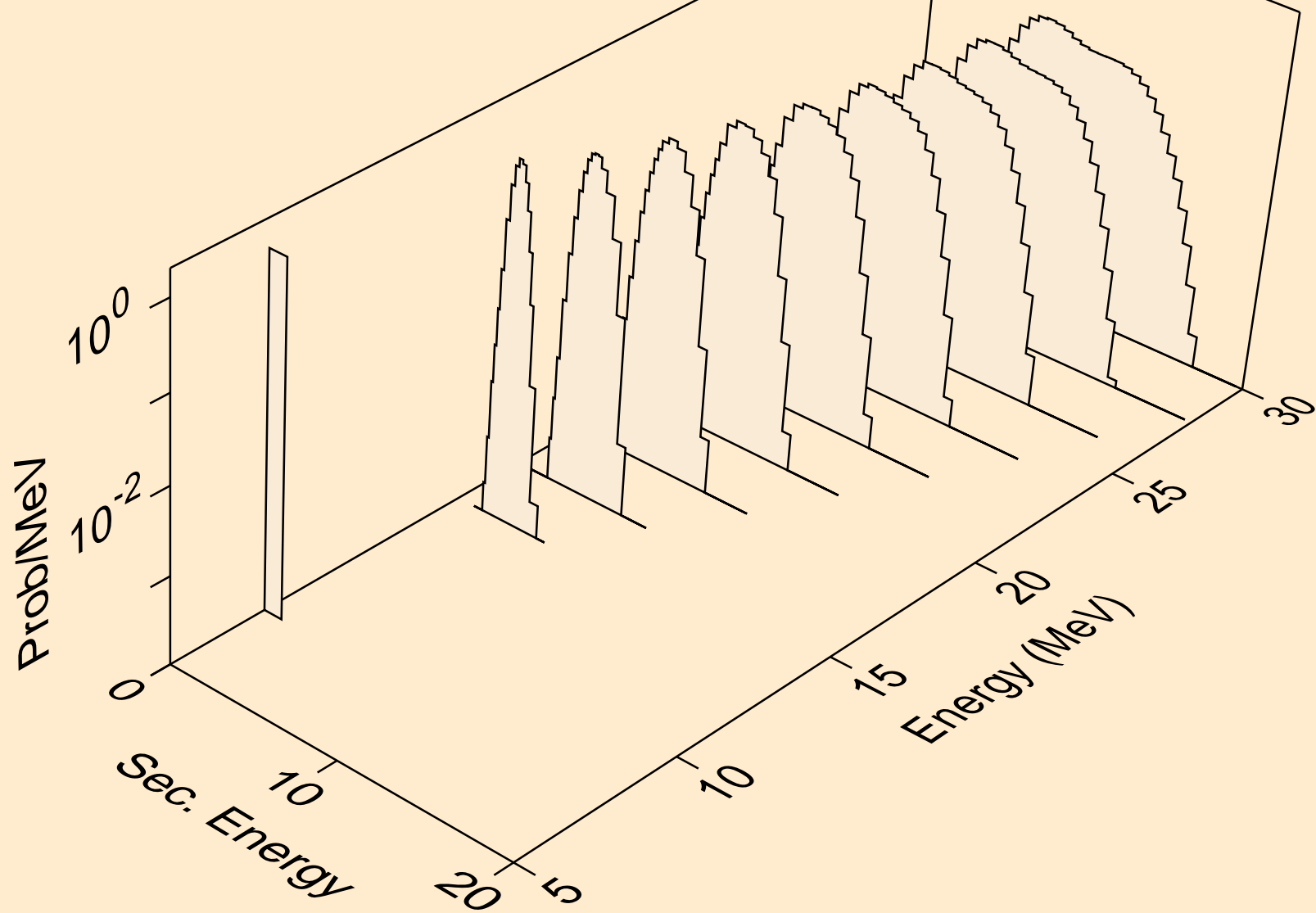
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



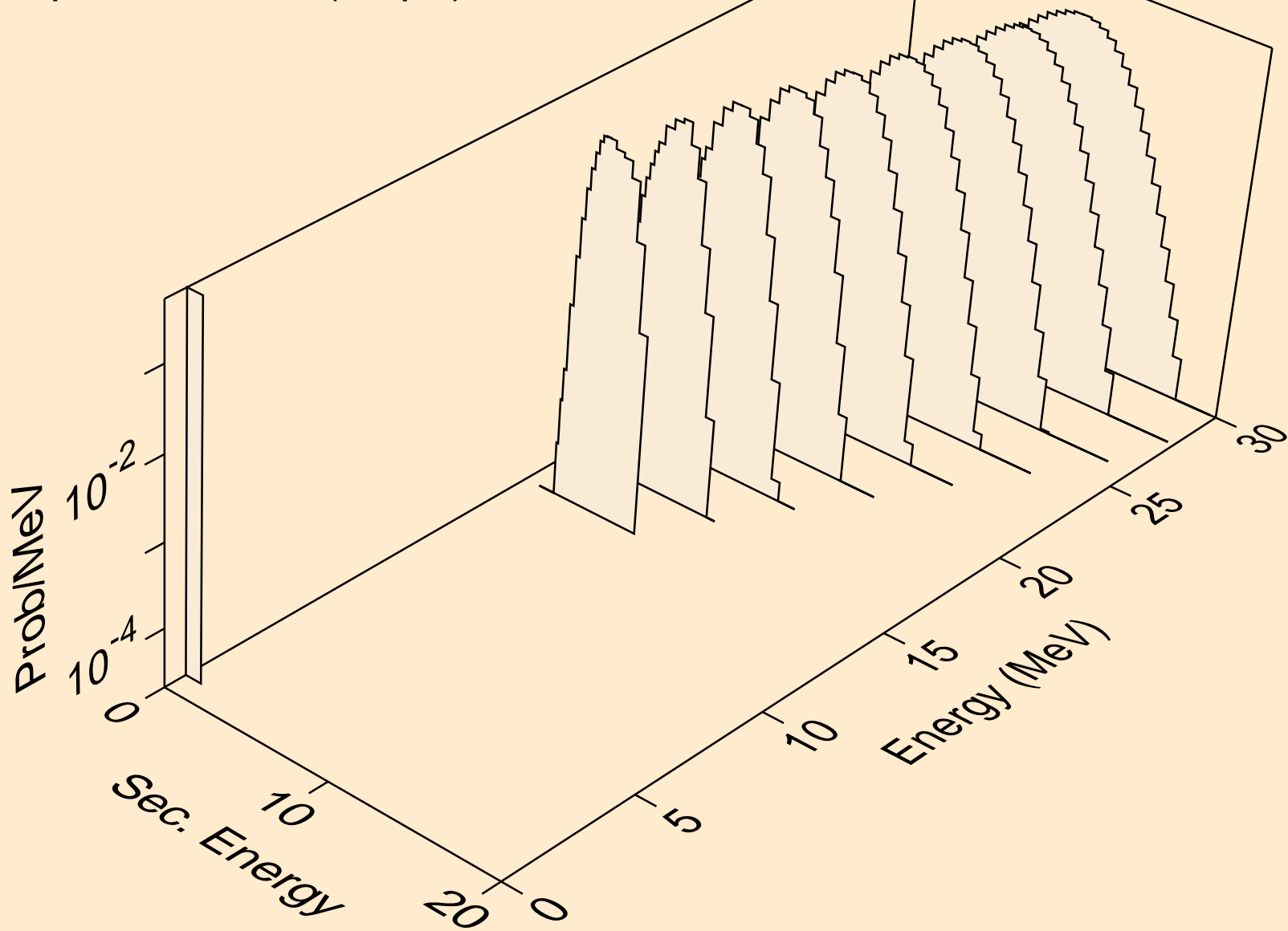
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,3np)



HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

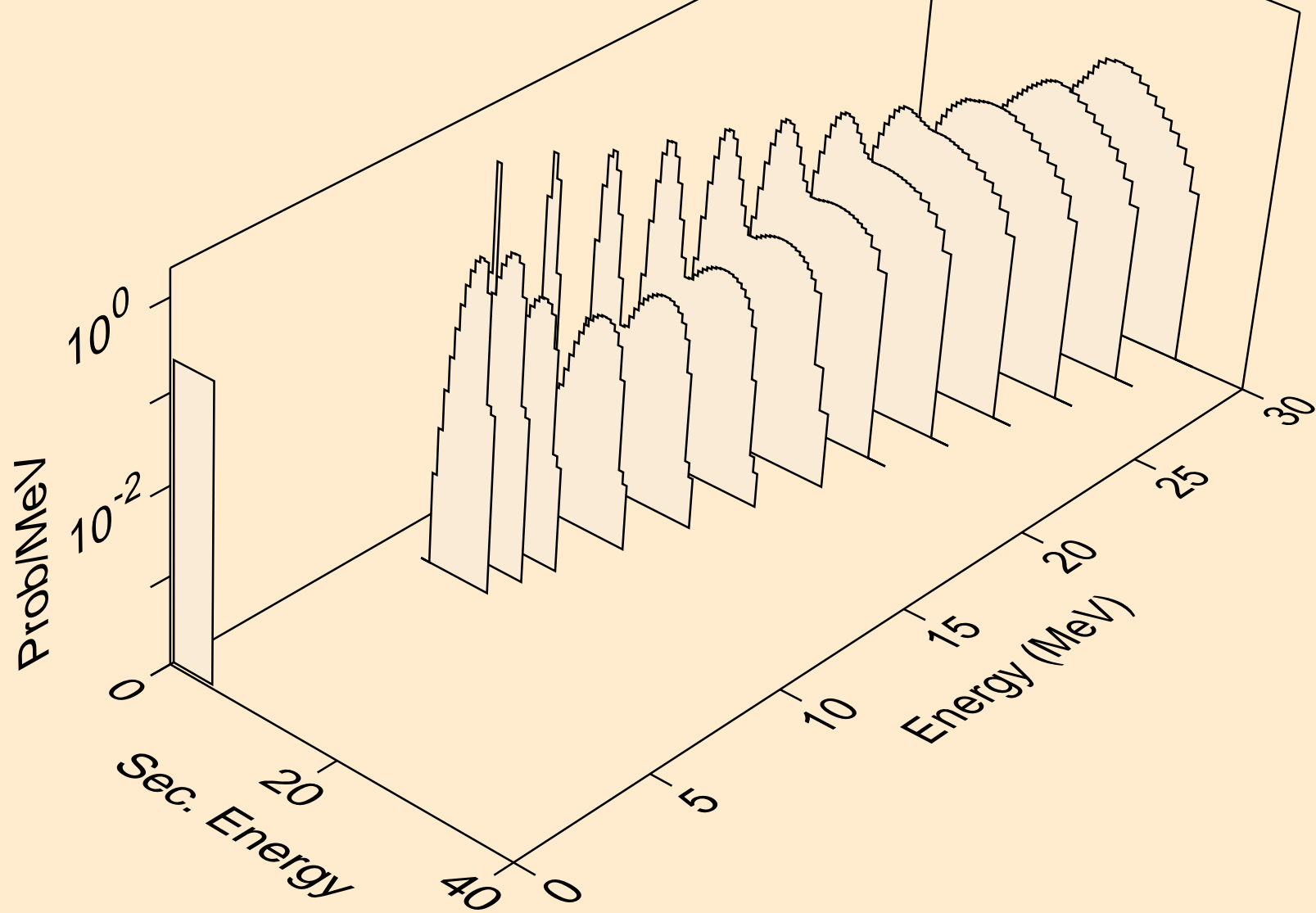


HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)

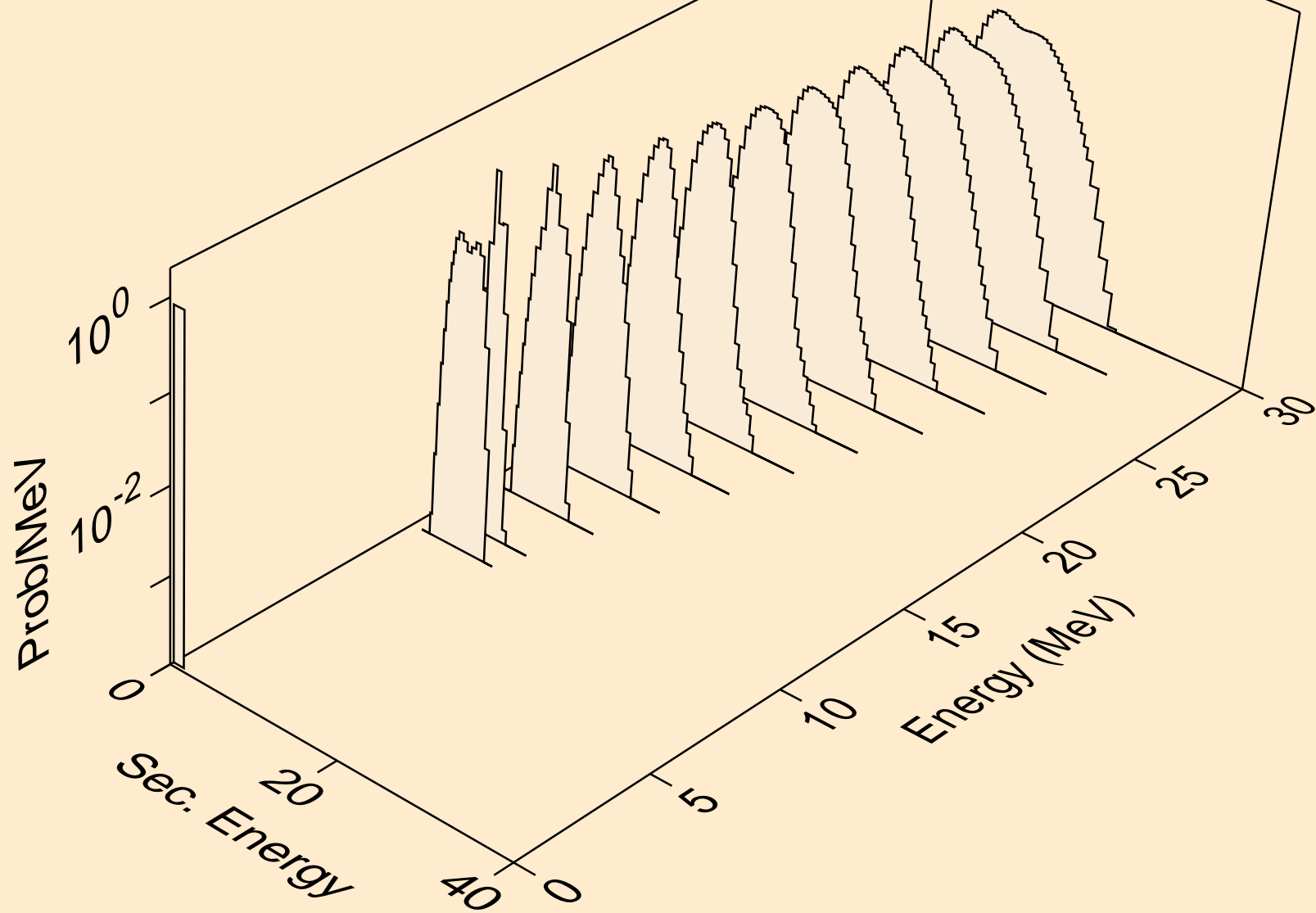




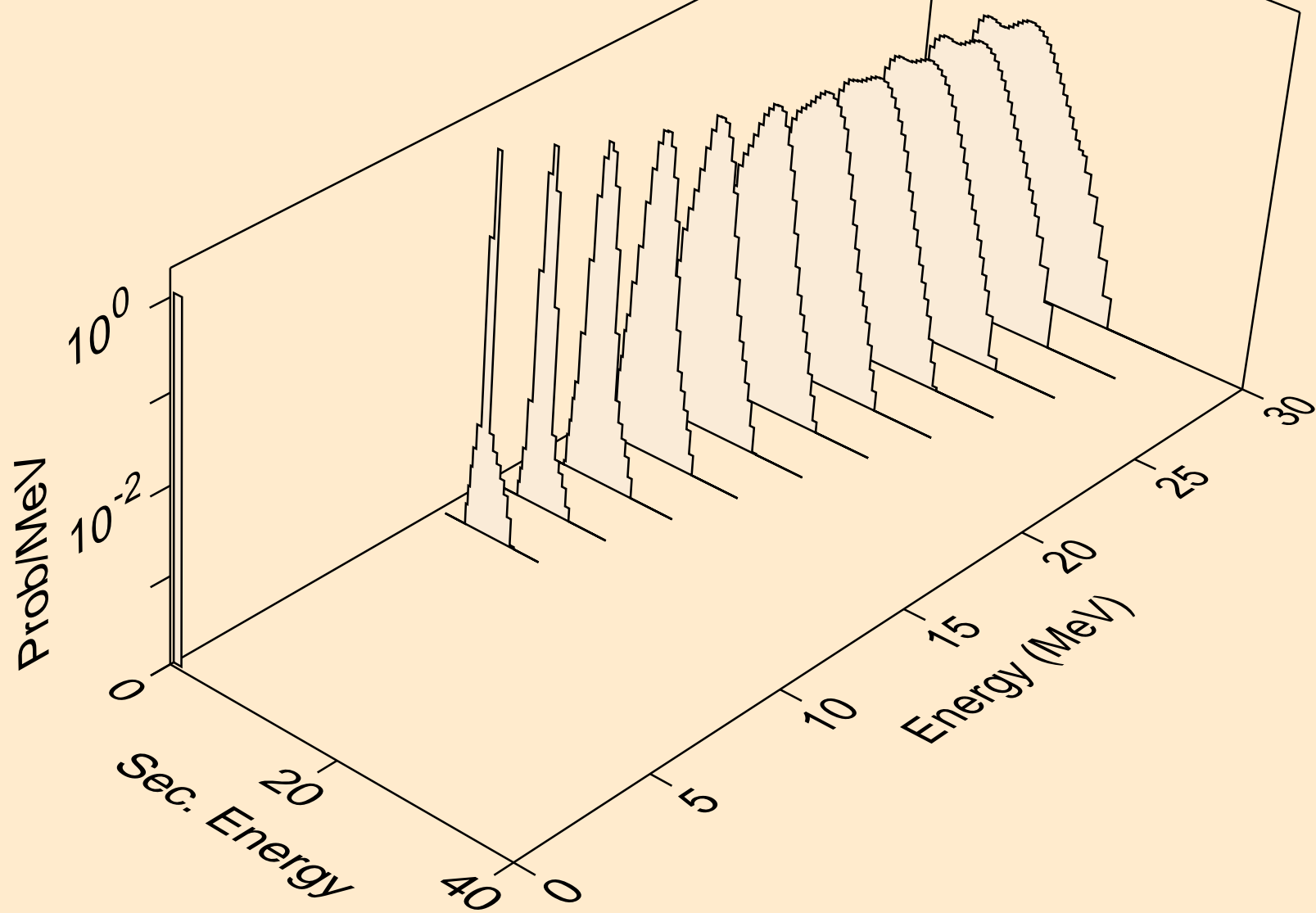
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



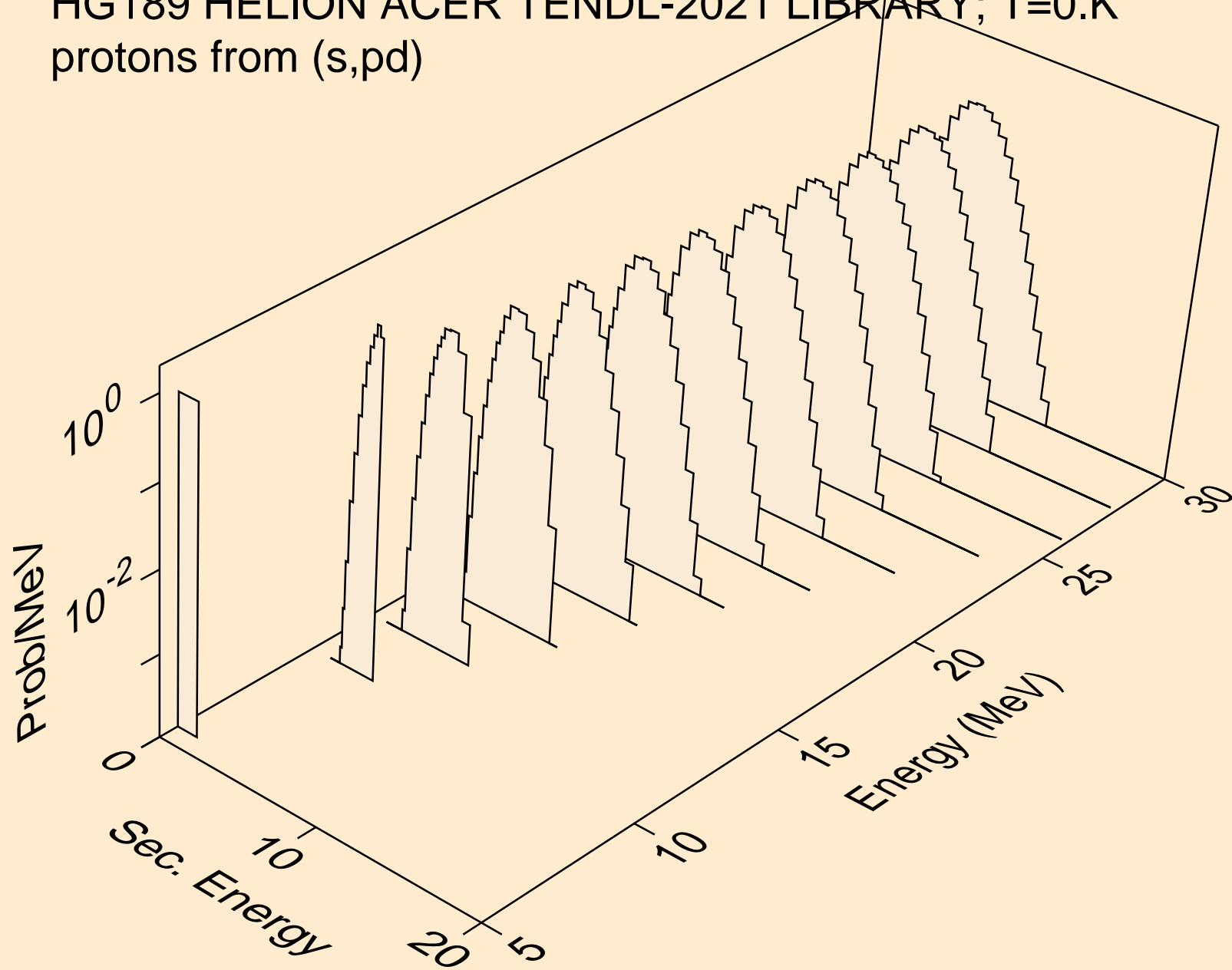
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protons from (s,2p)



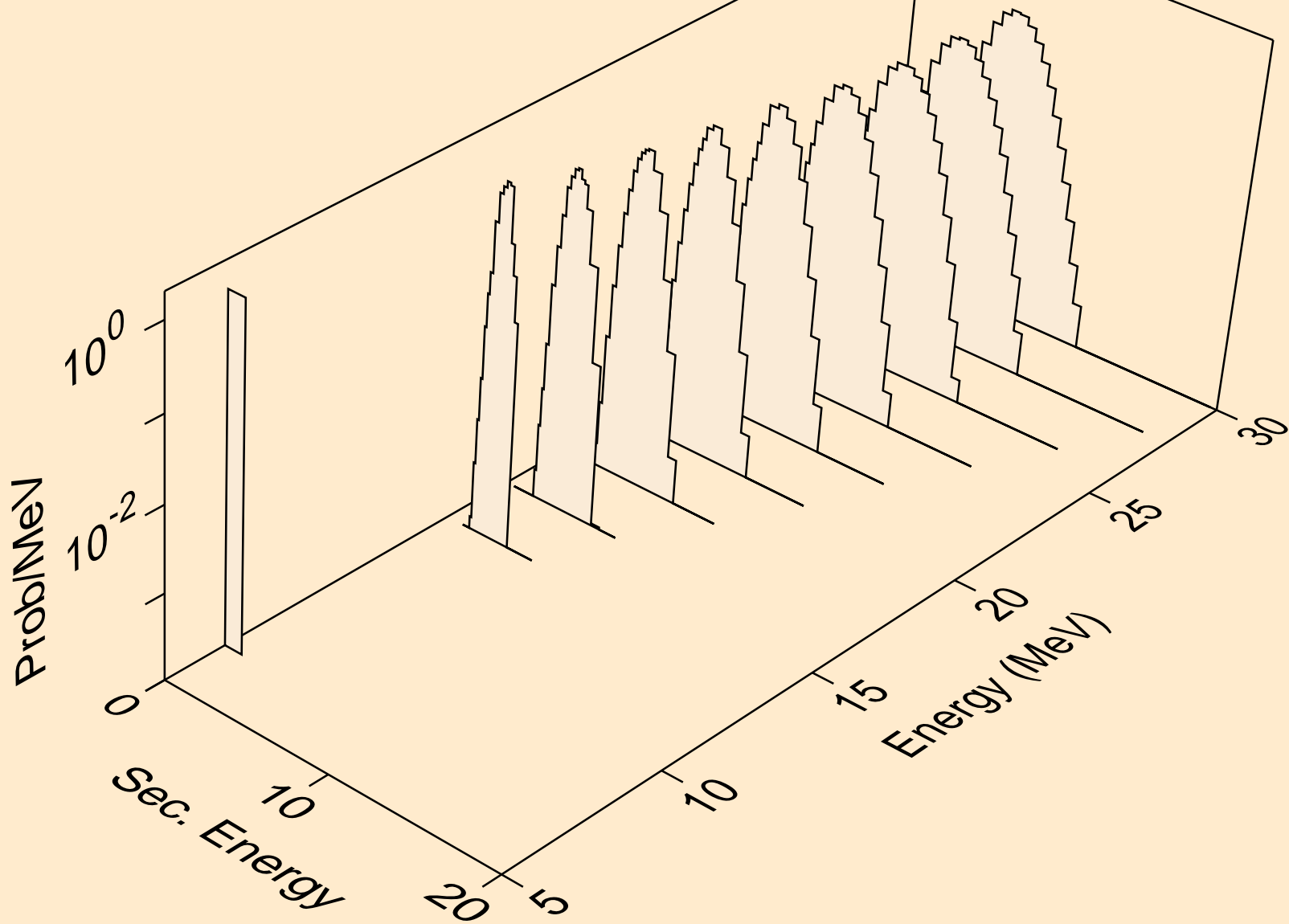
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protons from (s,pa)



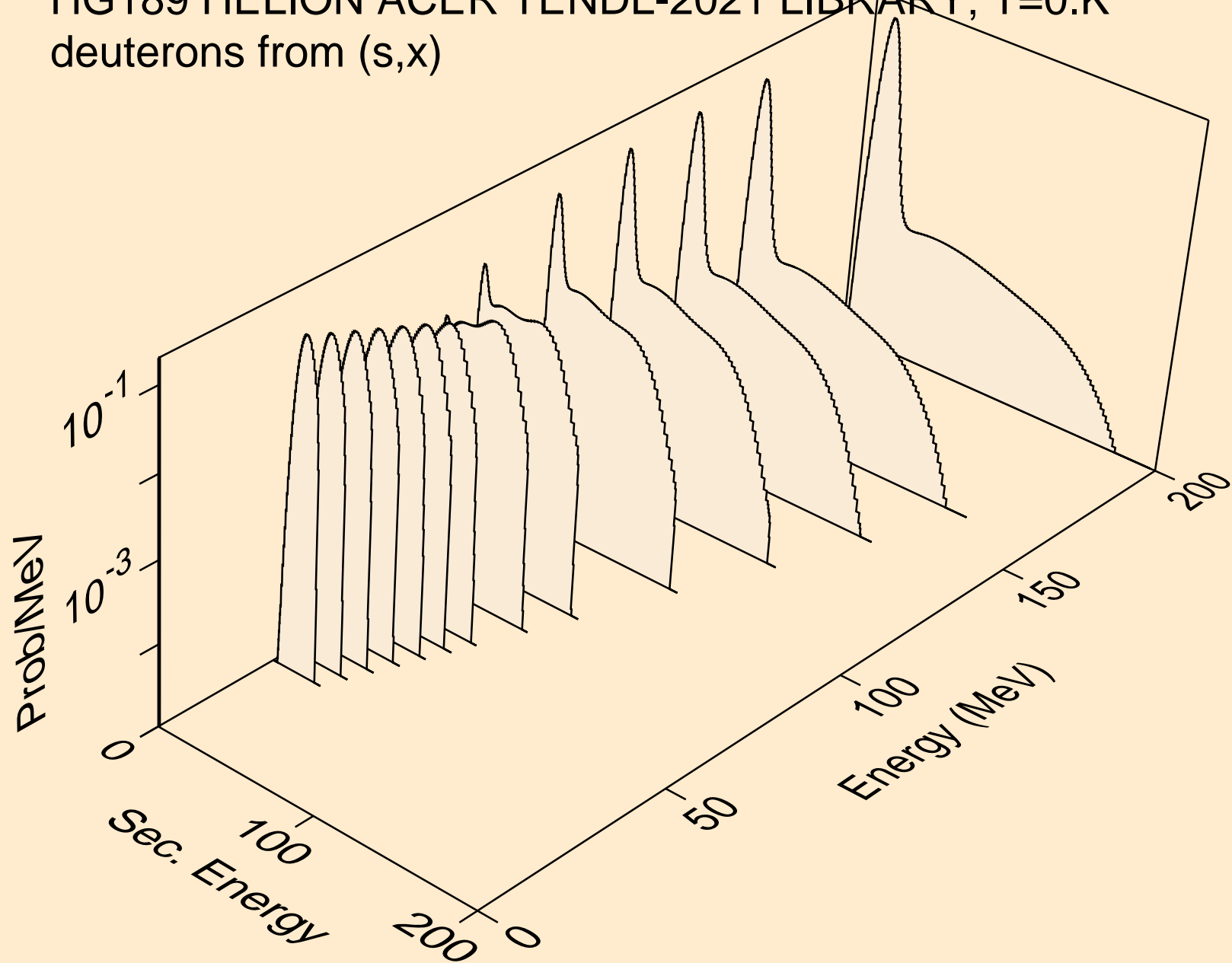
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



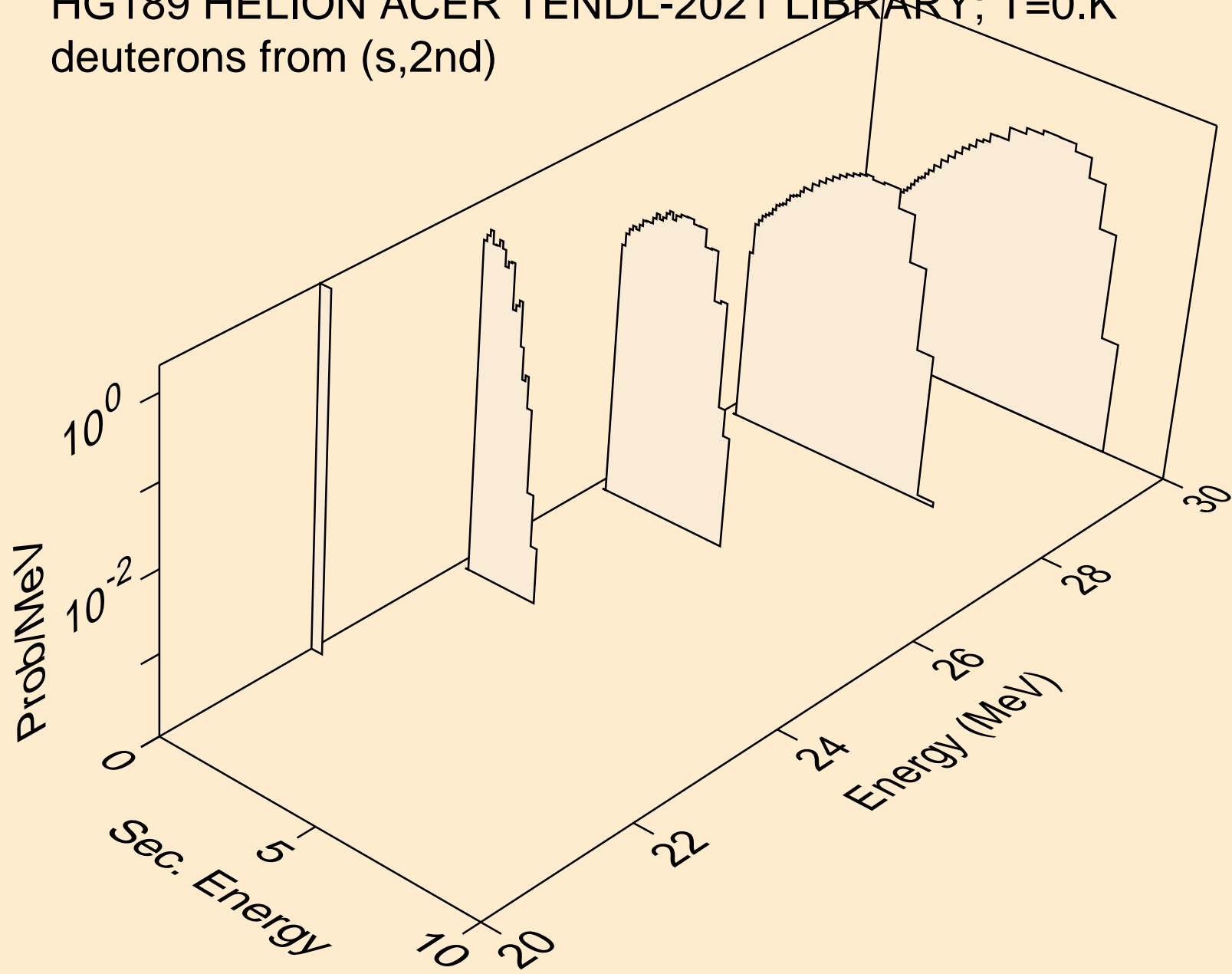
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protons from (s,pt)



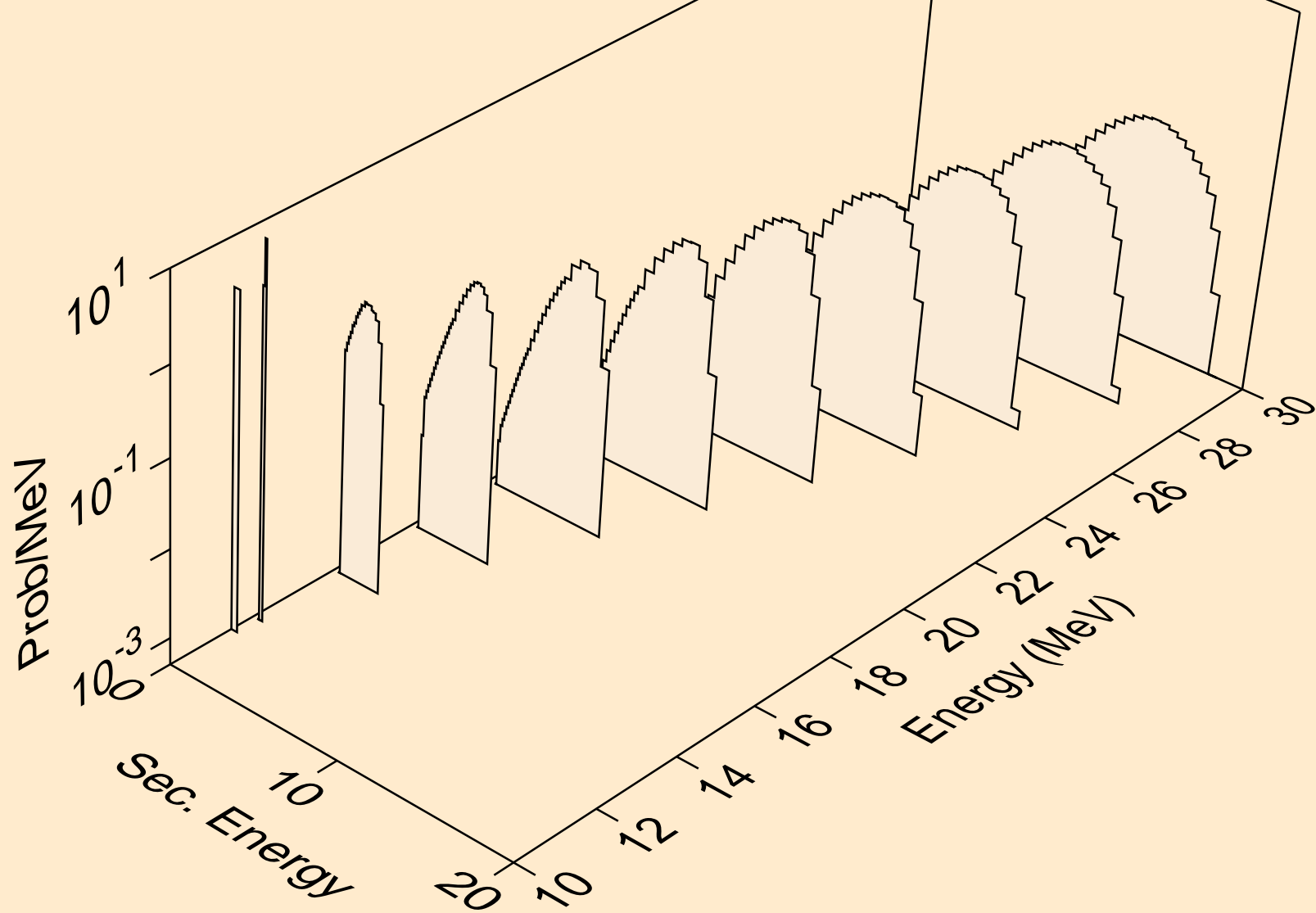
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,2nd)

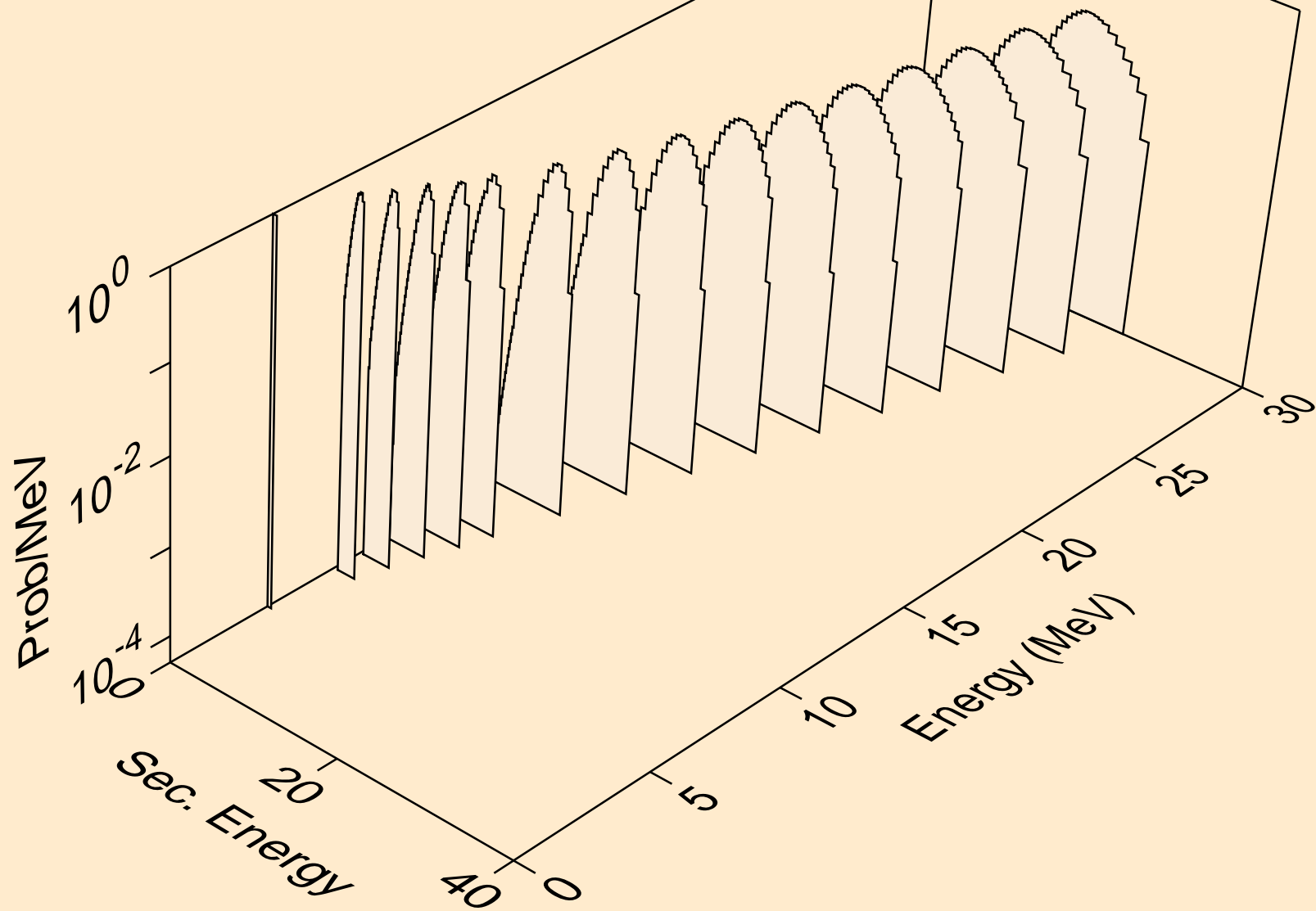


HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d

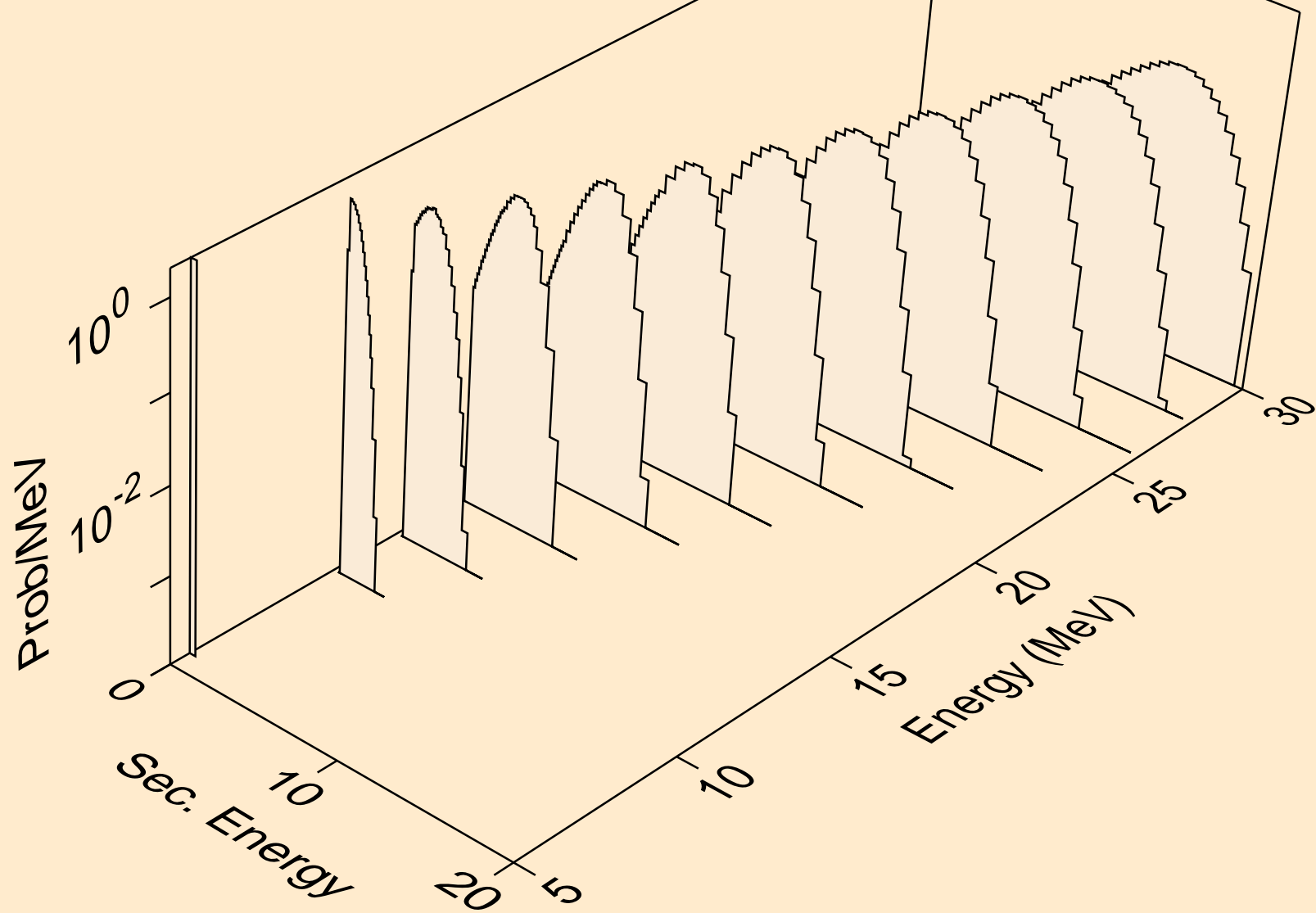




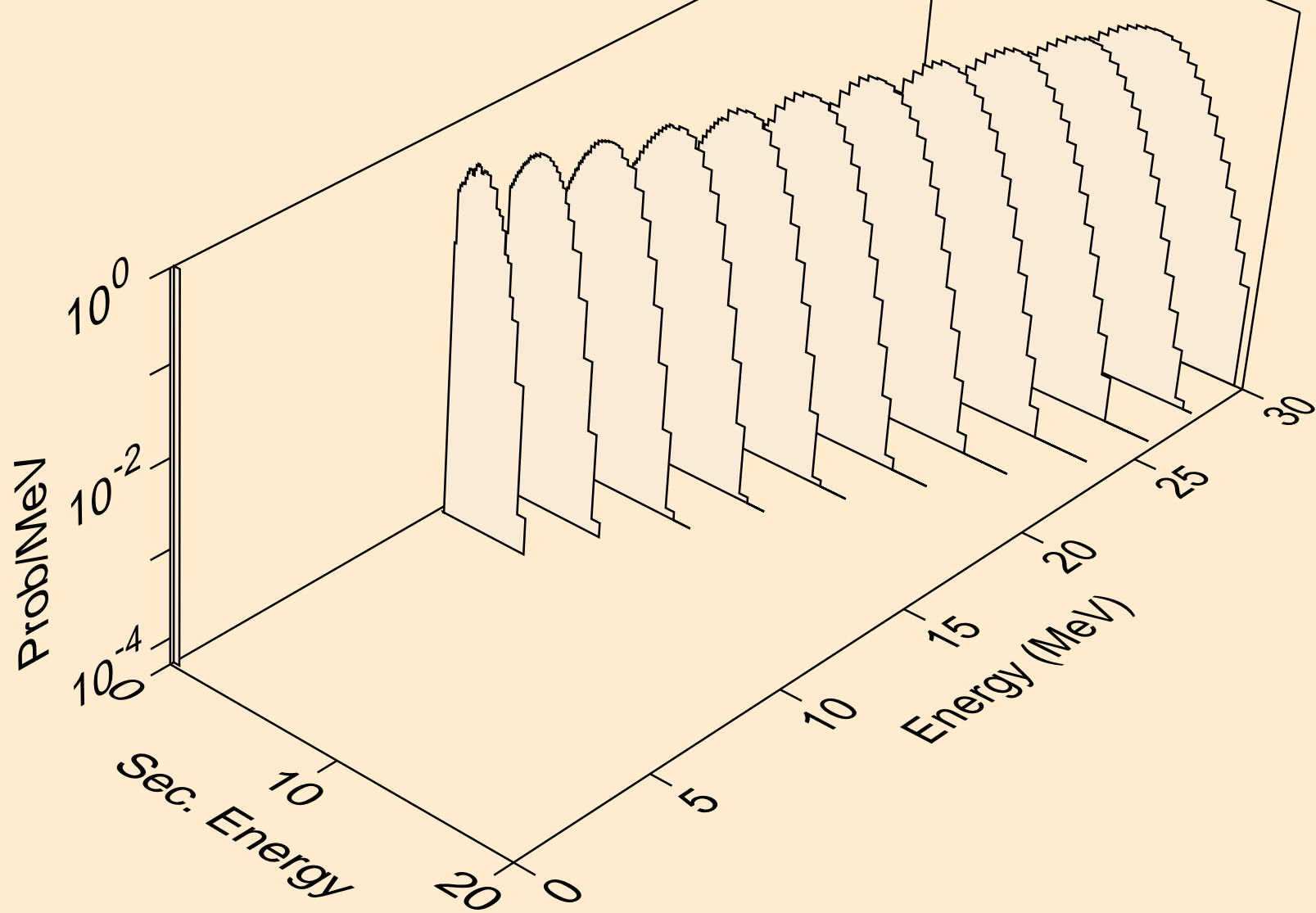
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,d)



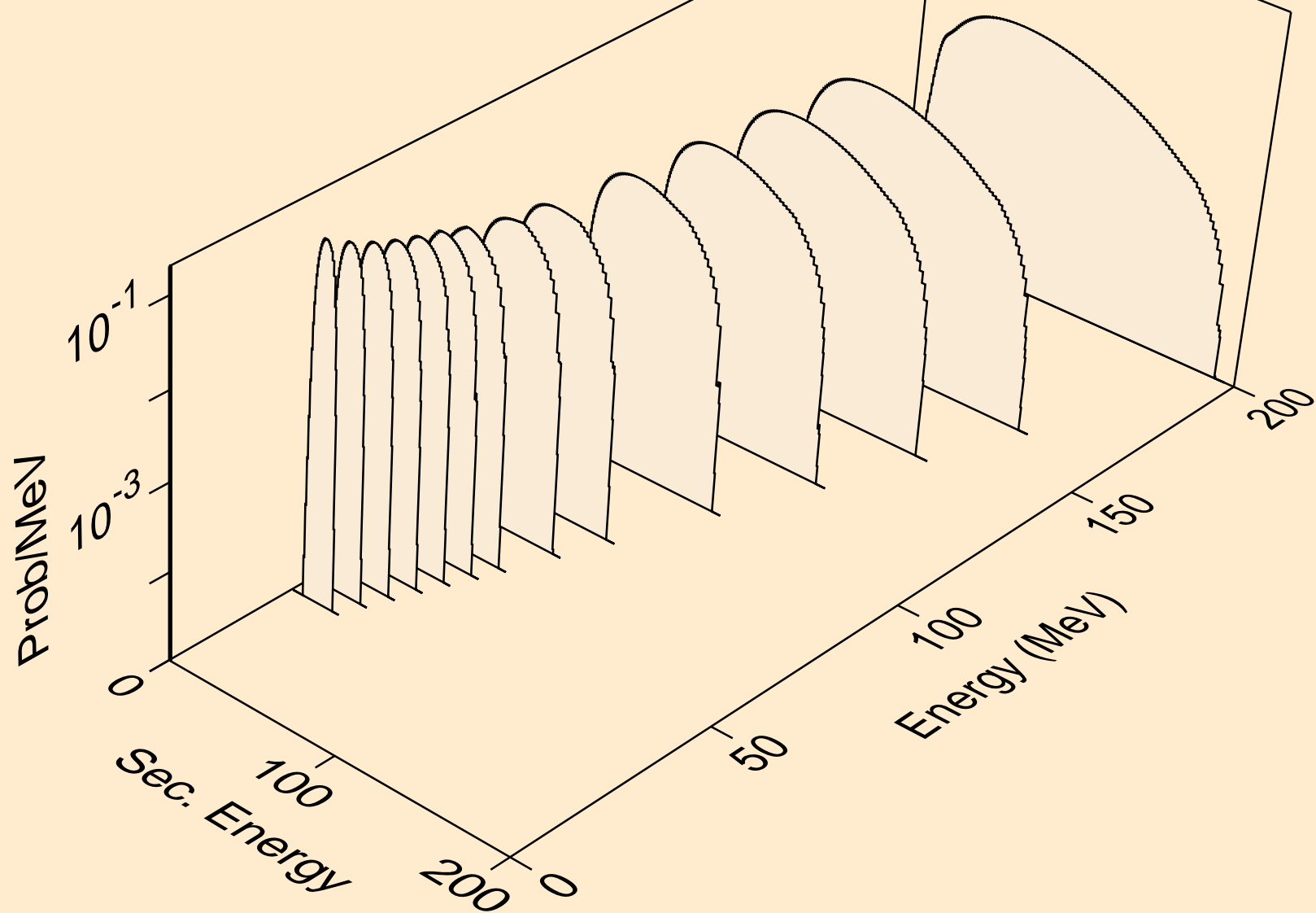
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



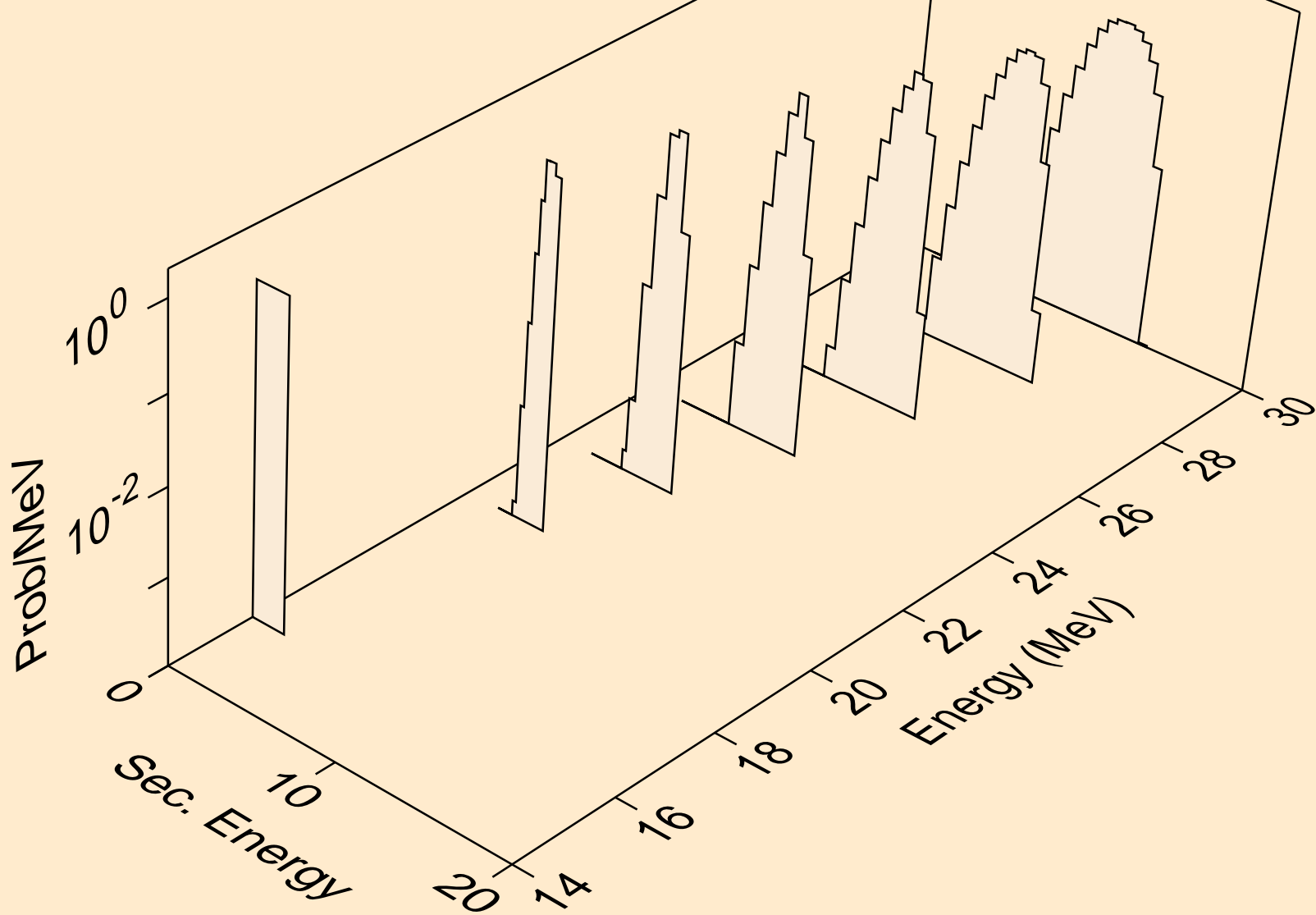
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



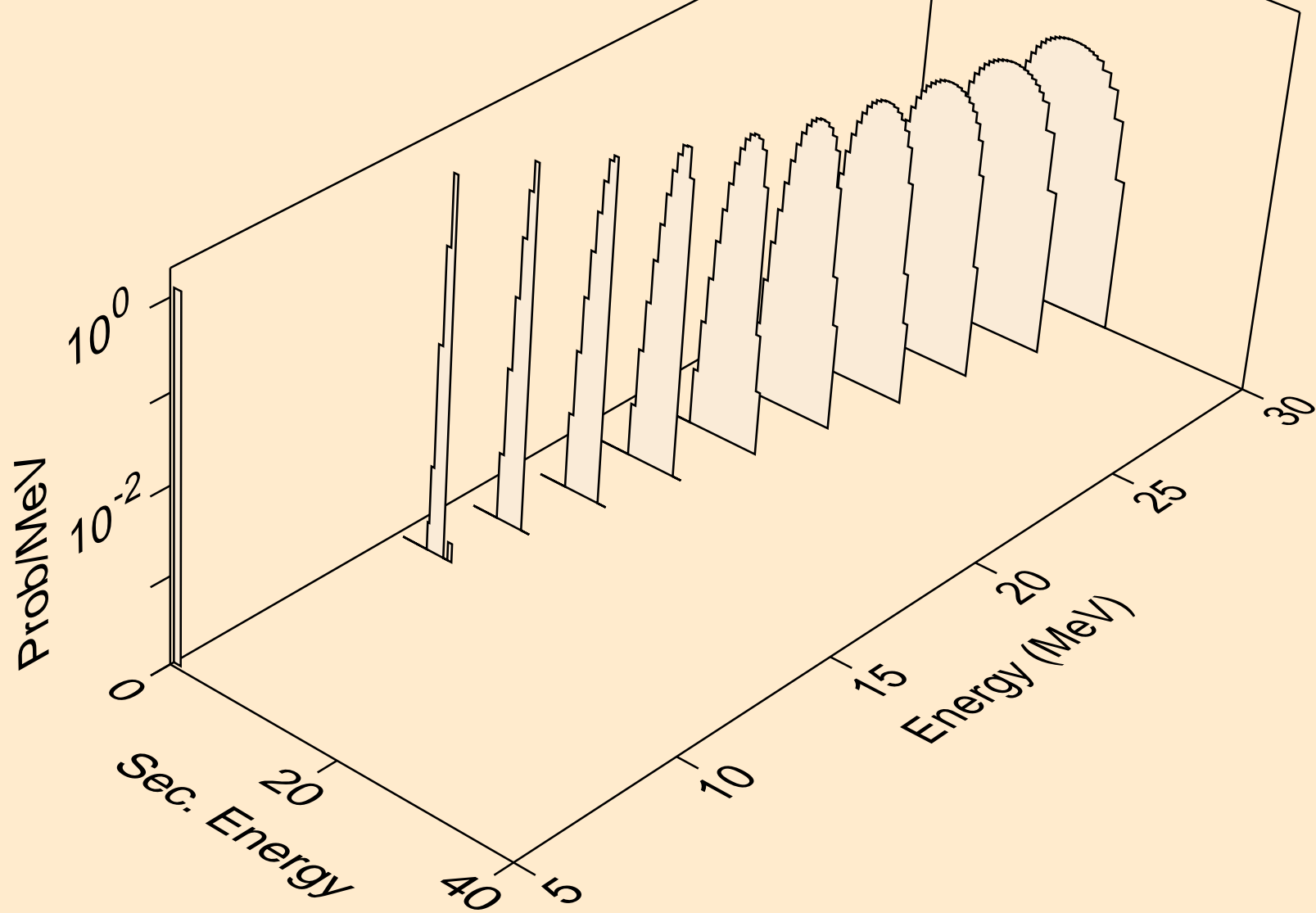
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



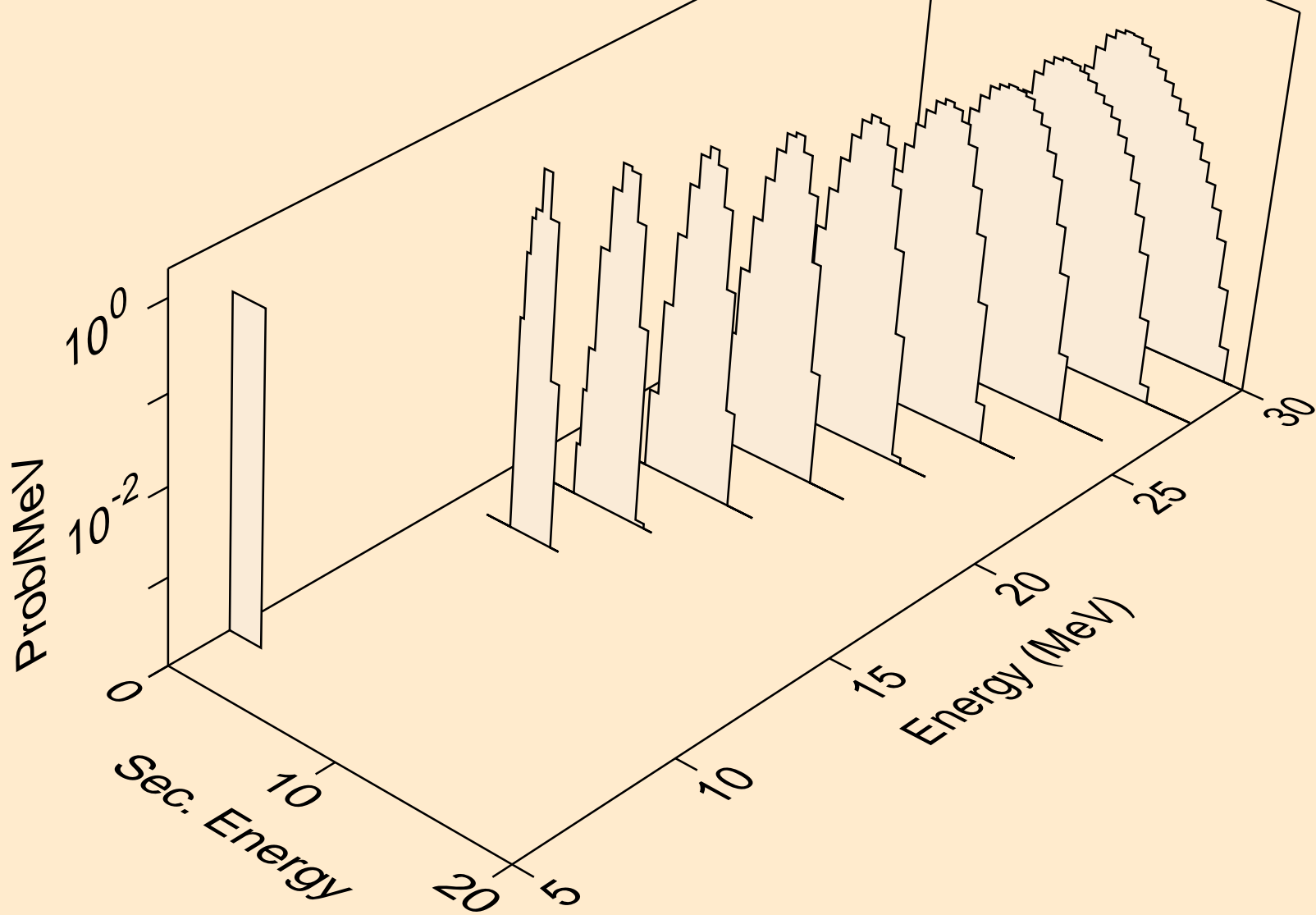
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,n\*)t



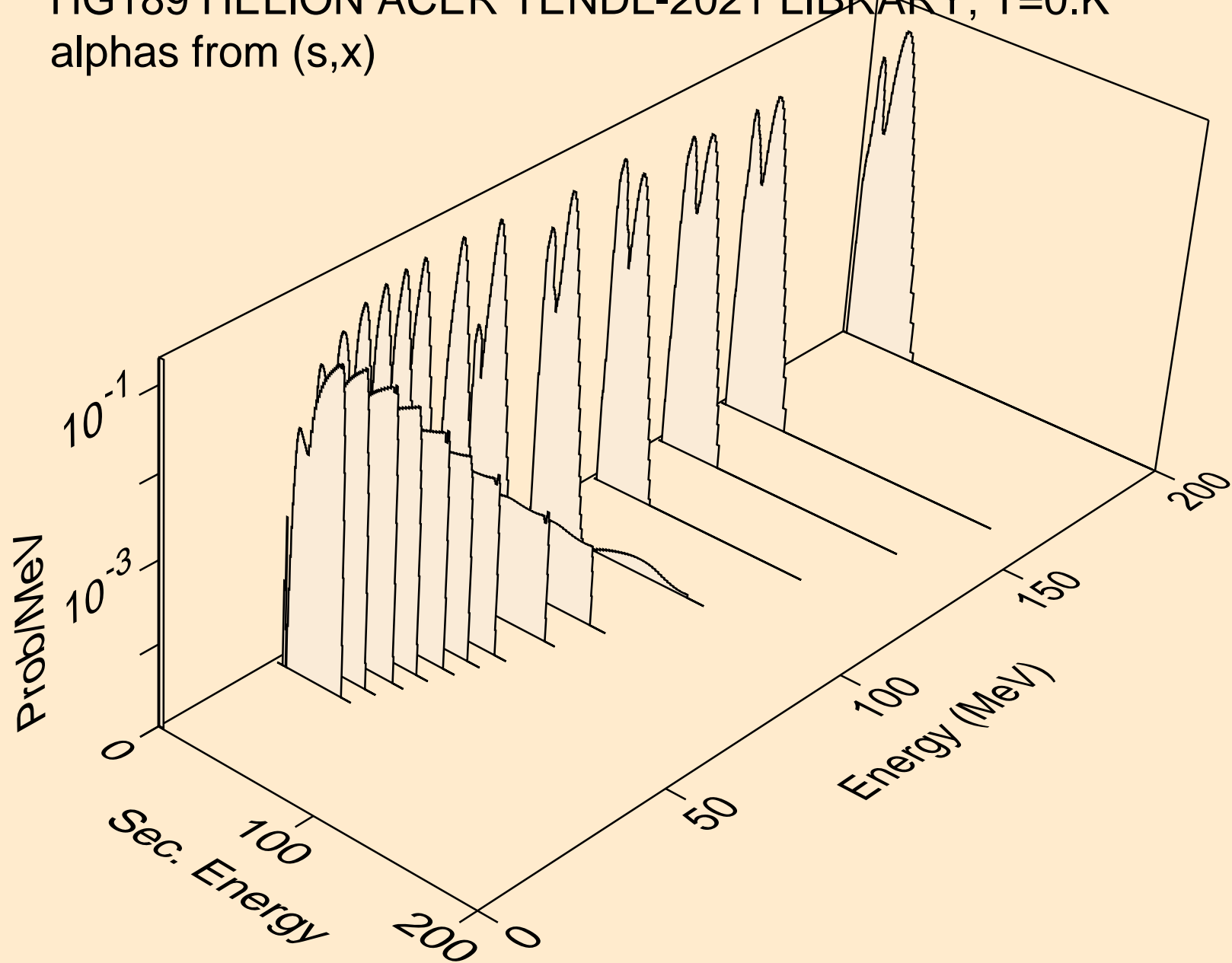
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)



HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)

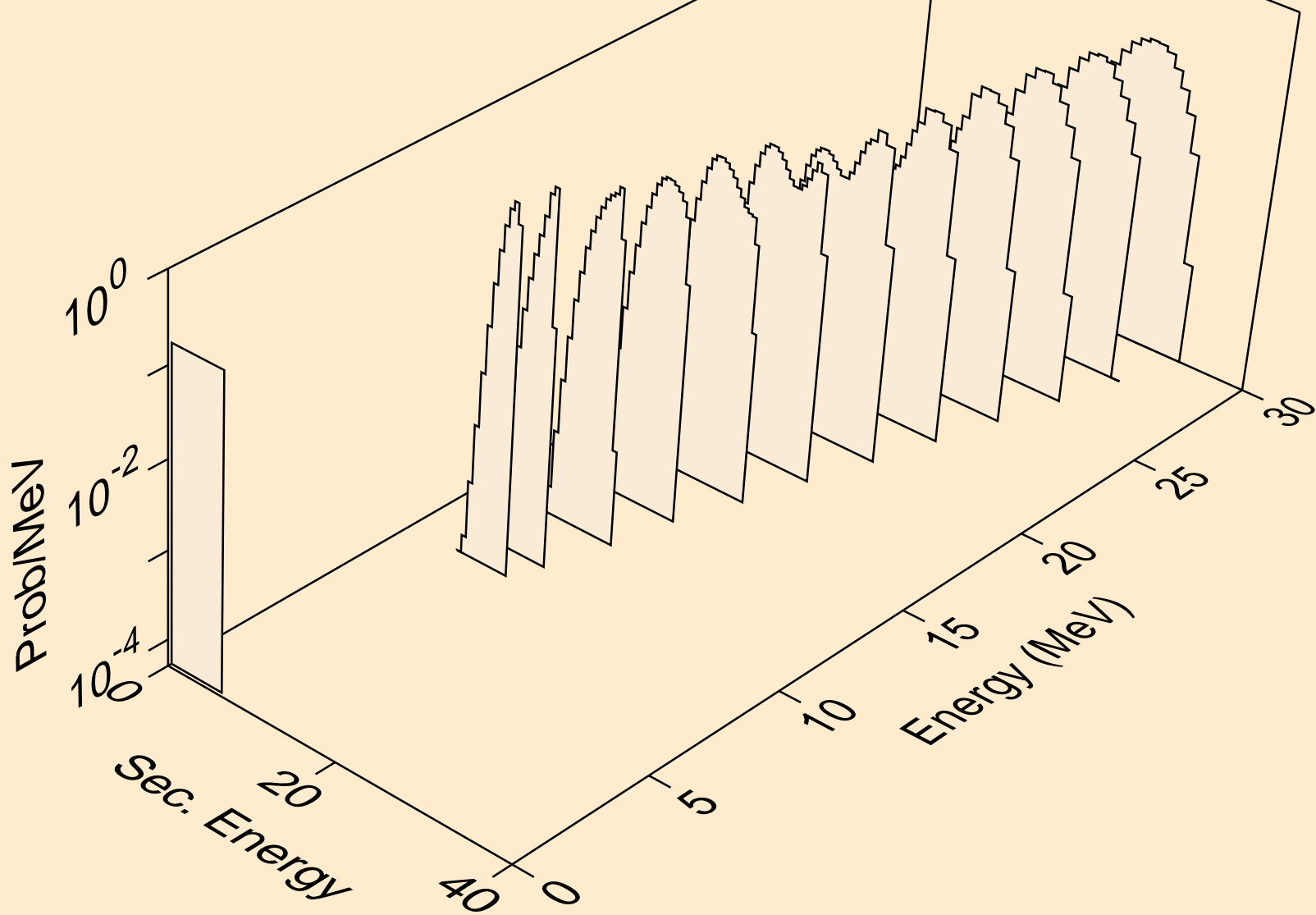


HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

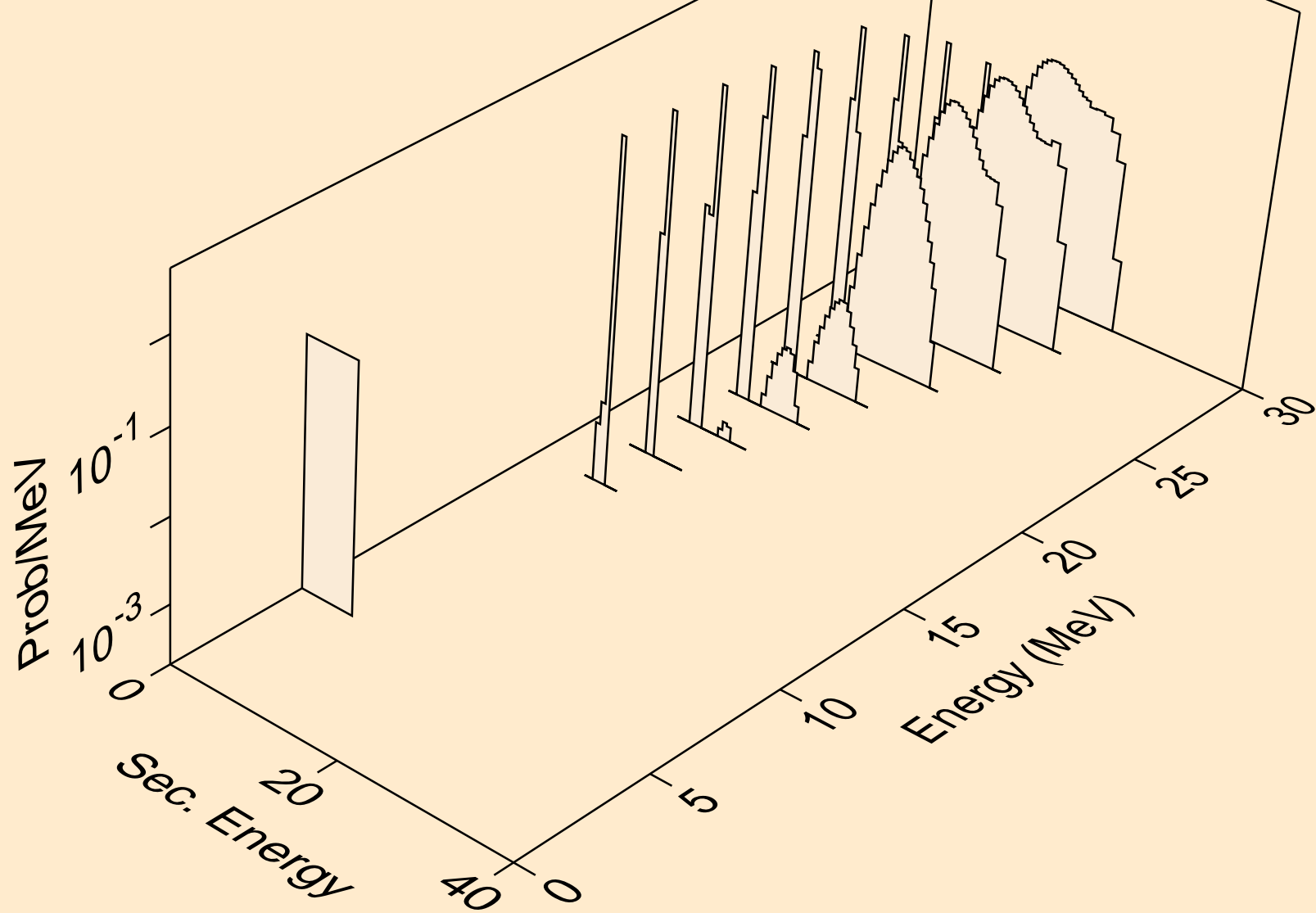




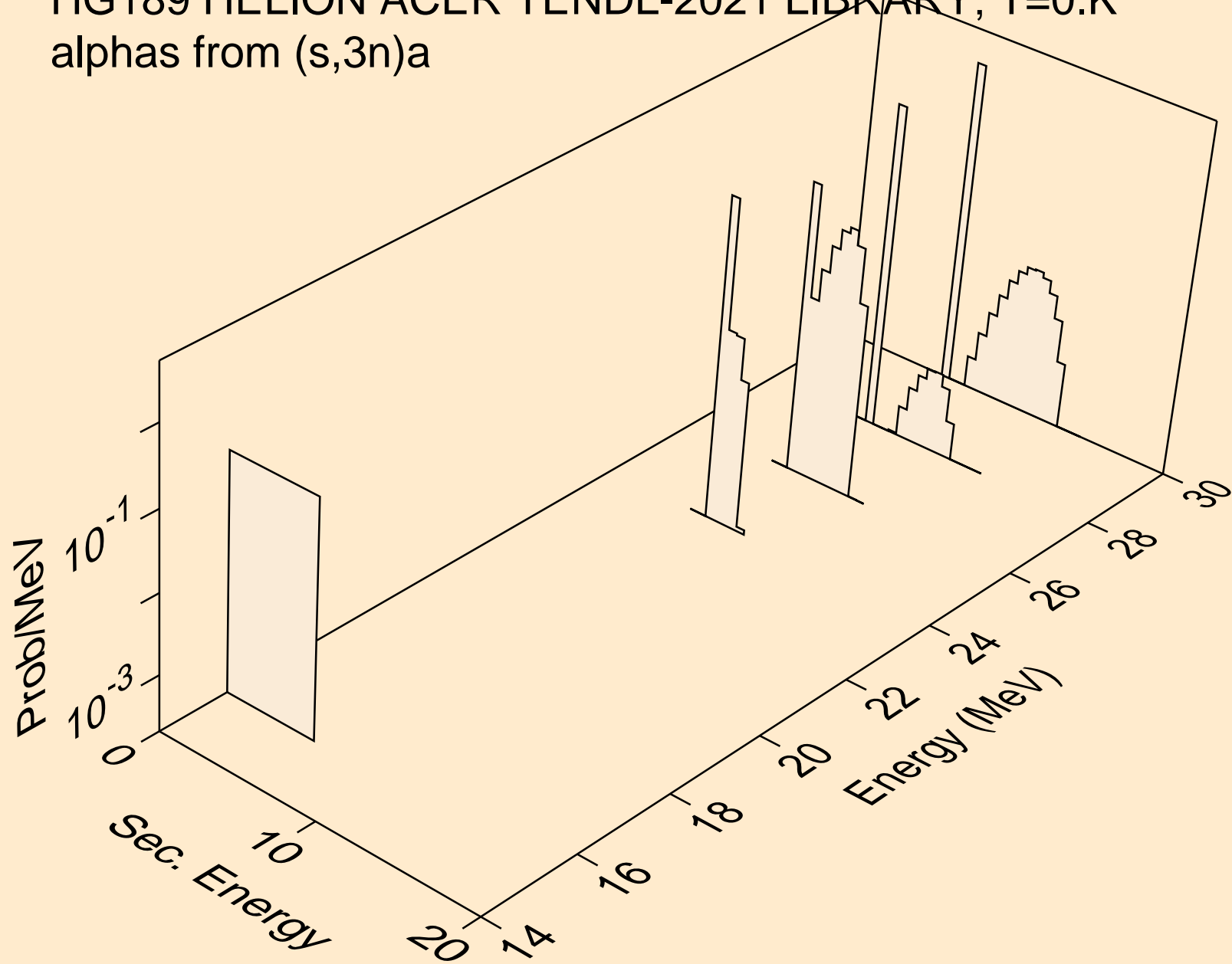
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



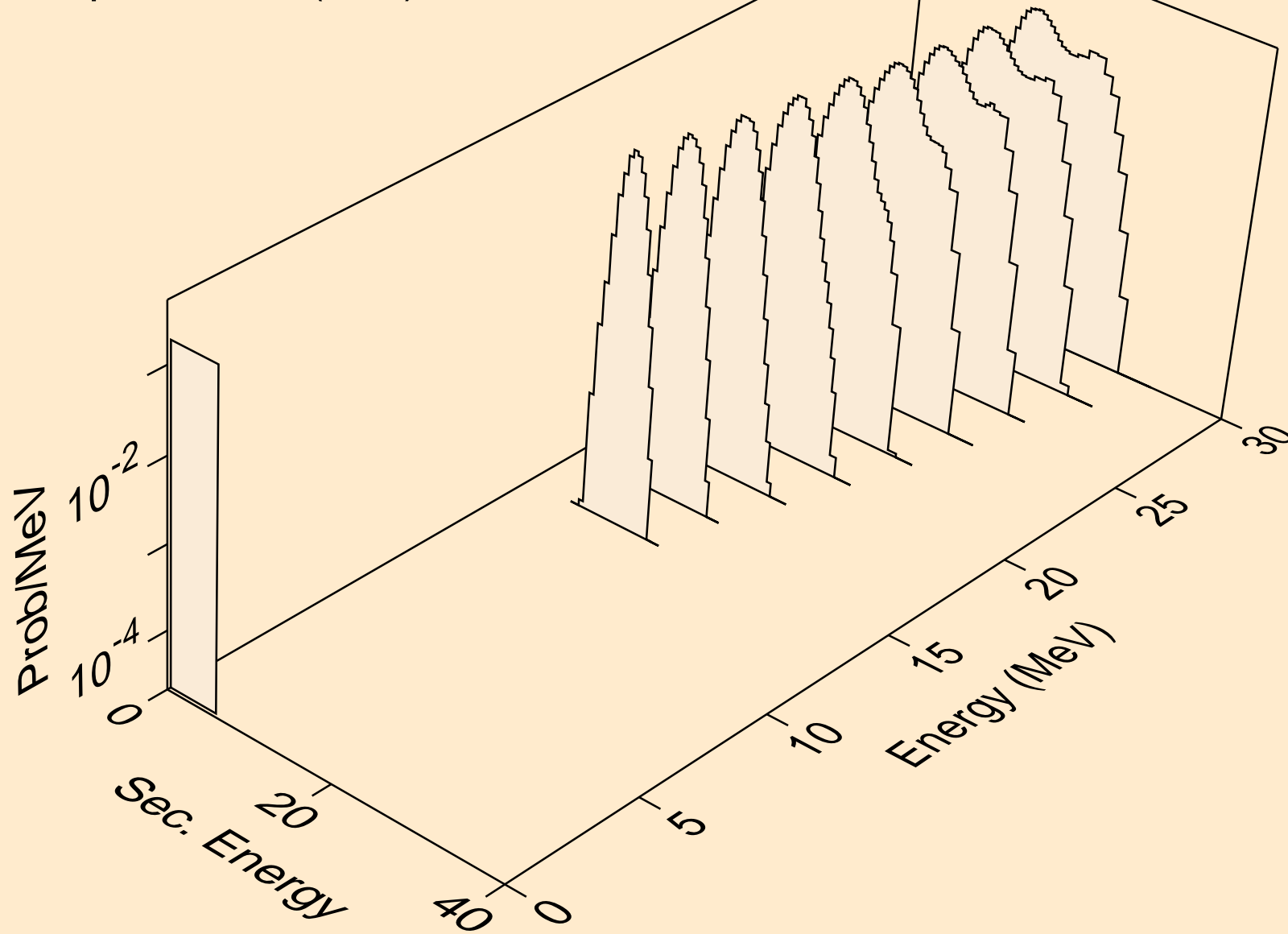
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2n)a



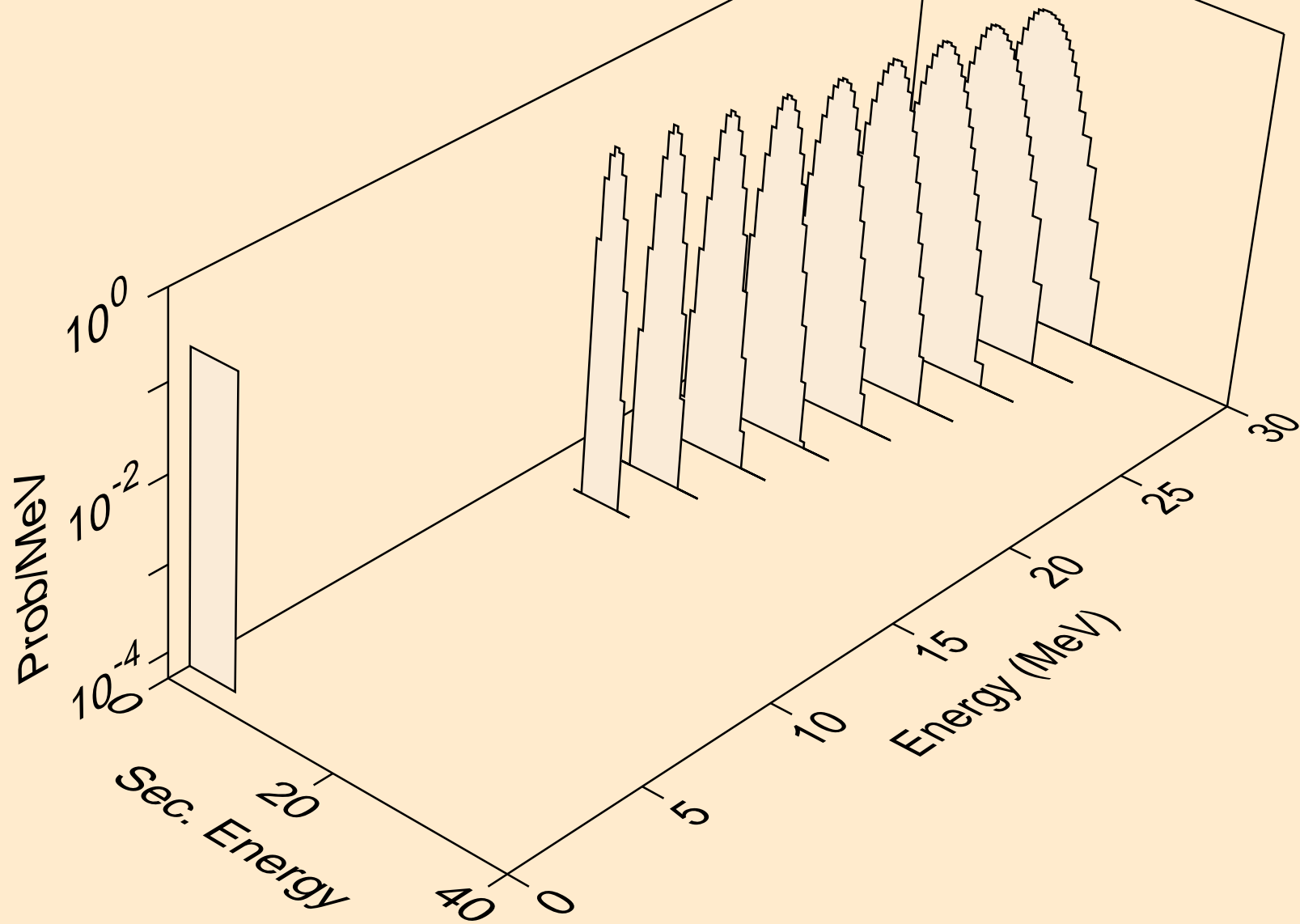
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3n)a



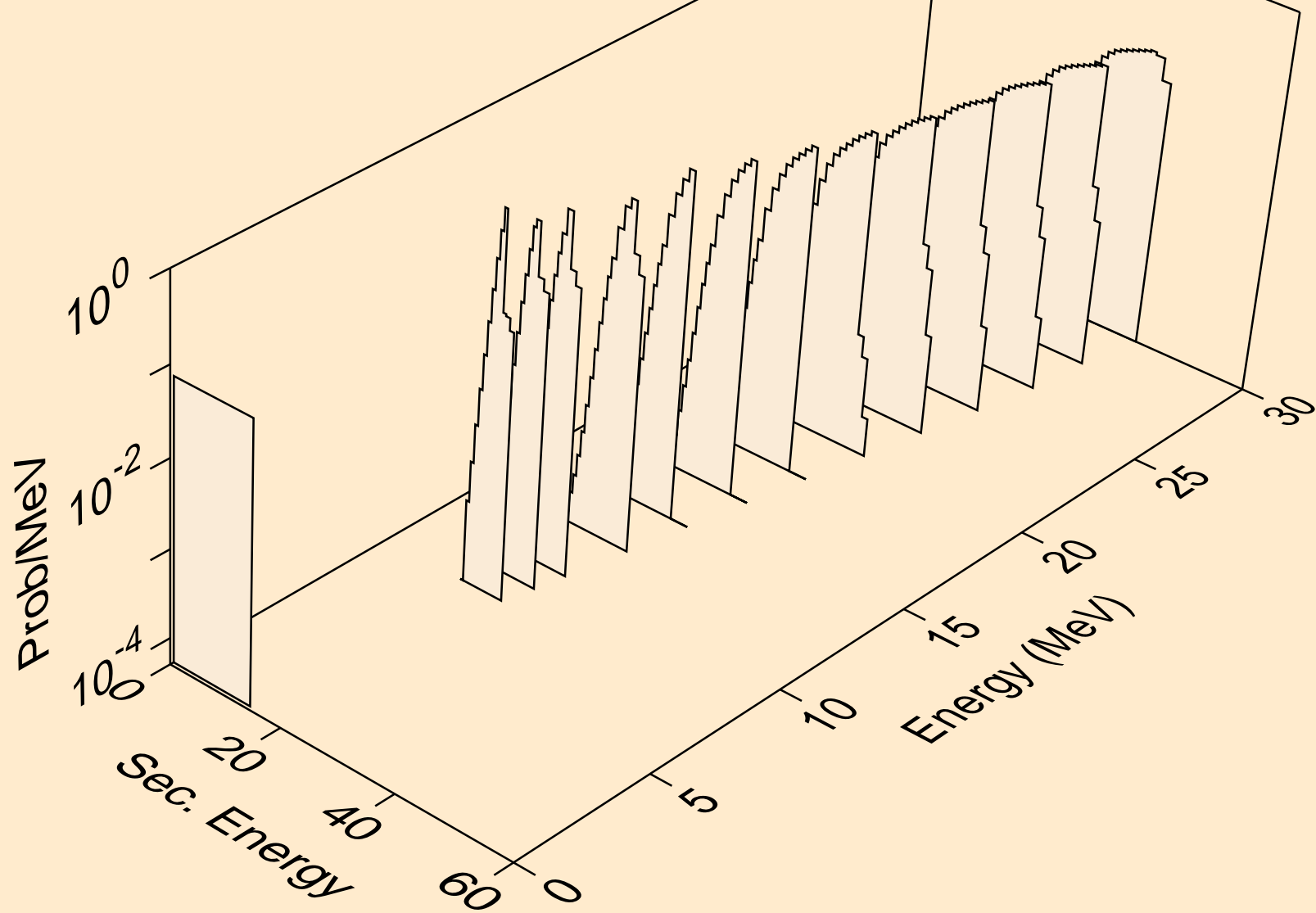
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



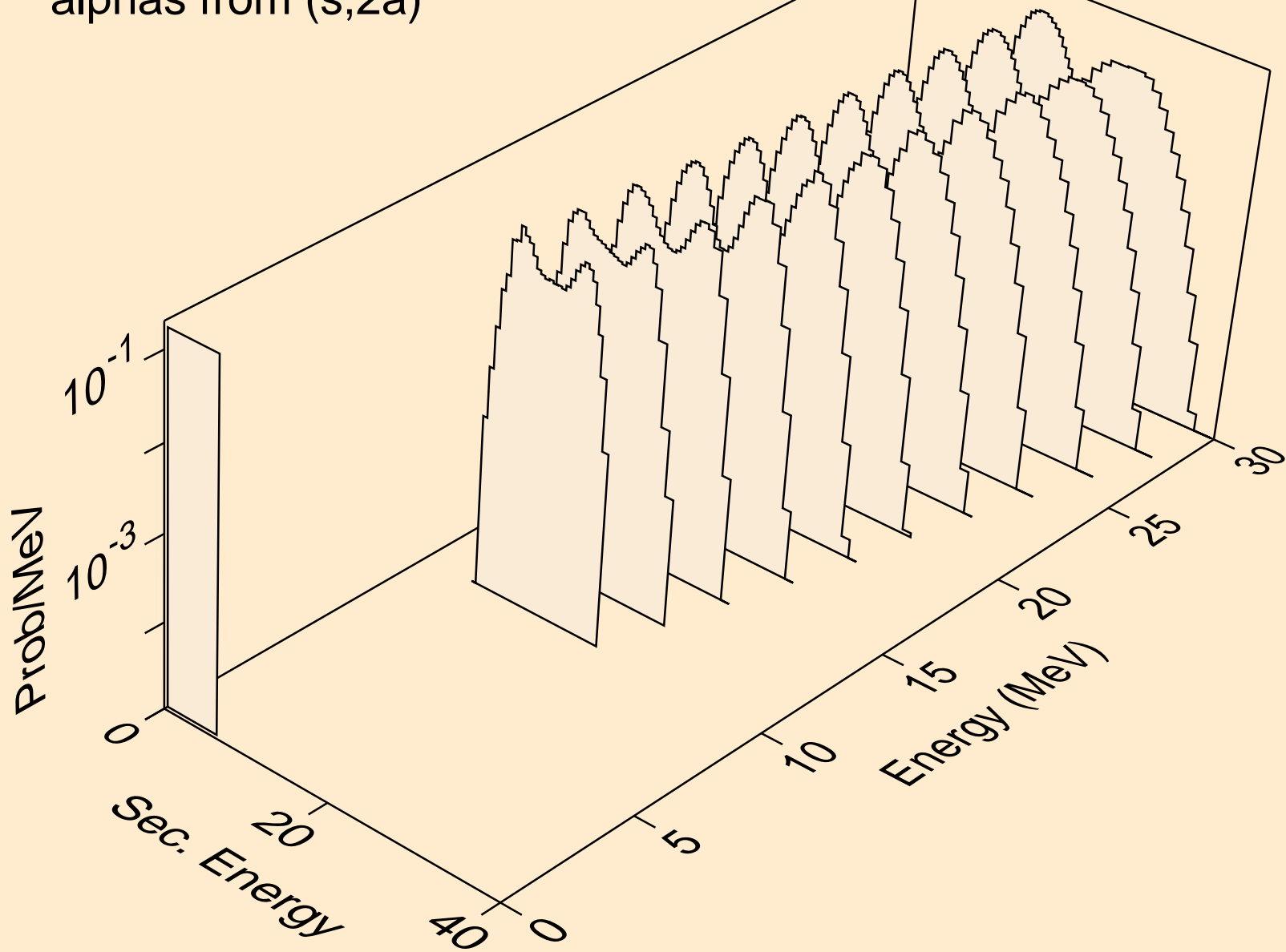
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



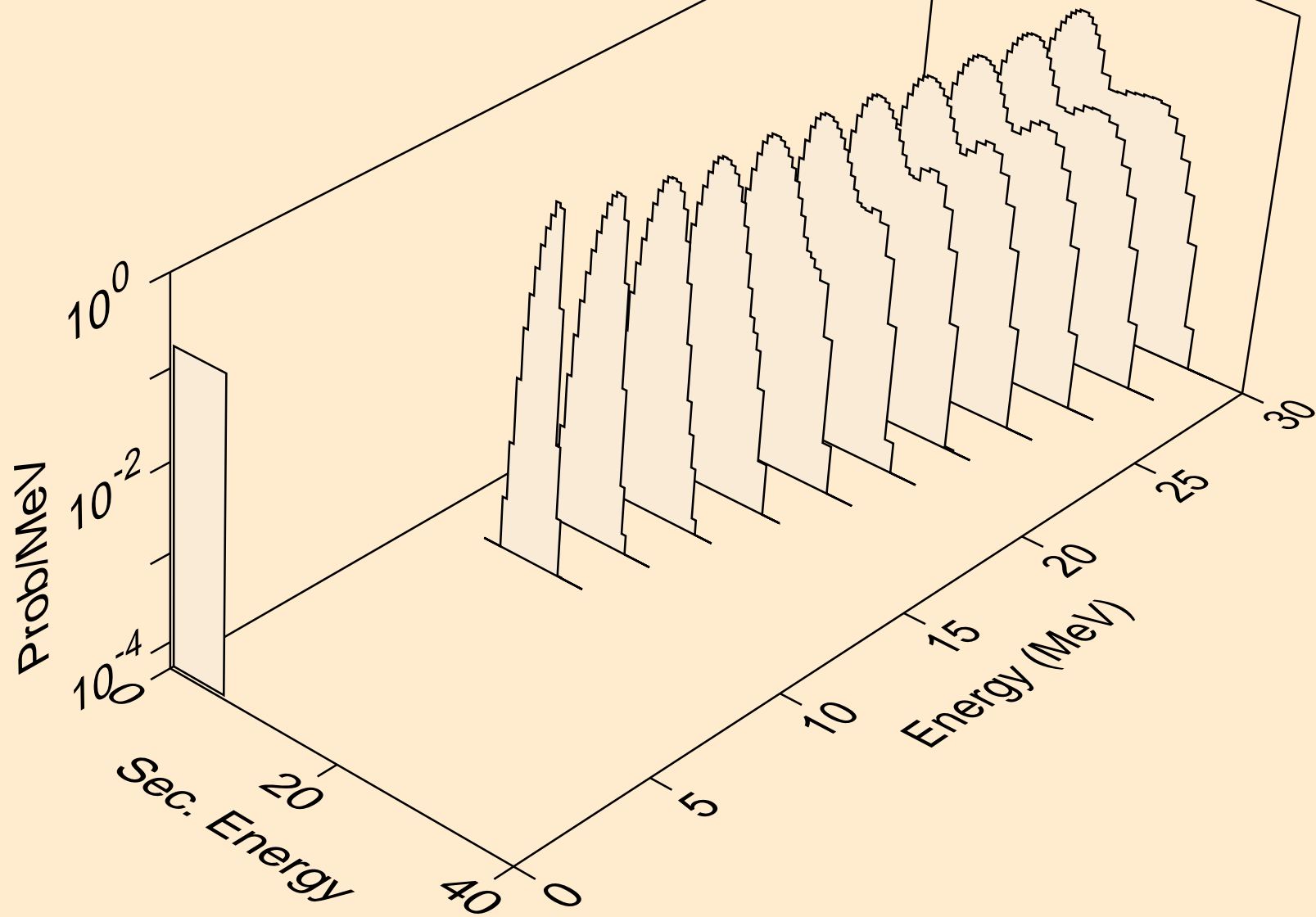
HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)





HG189 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

