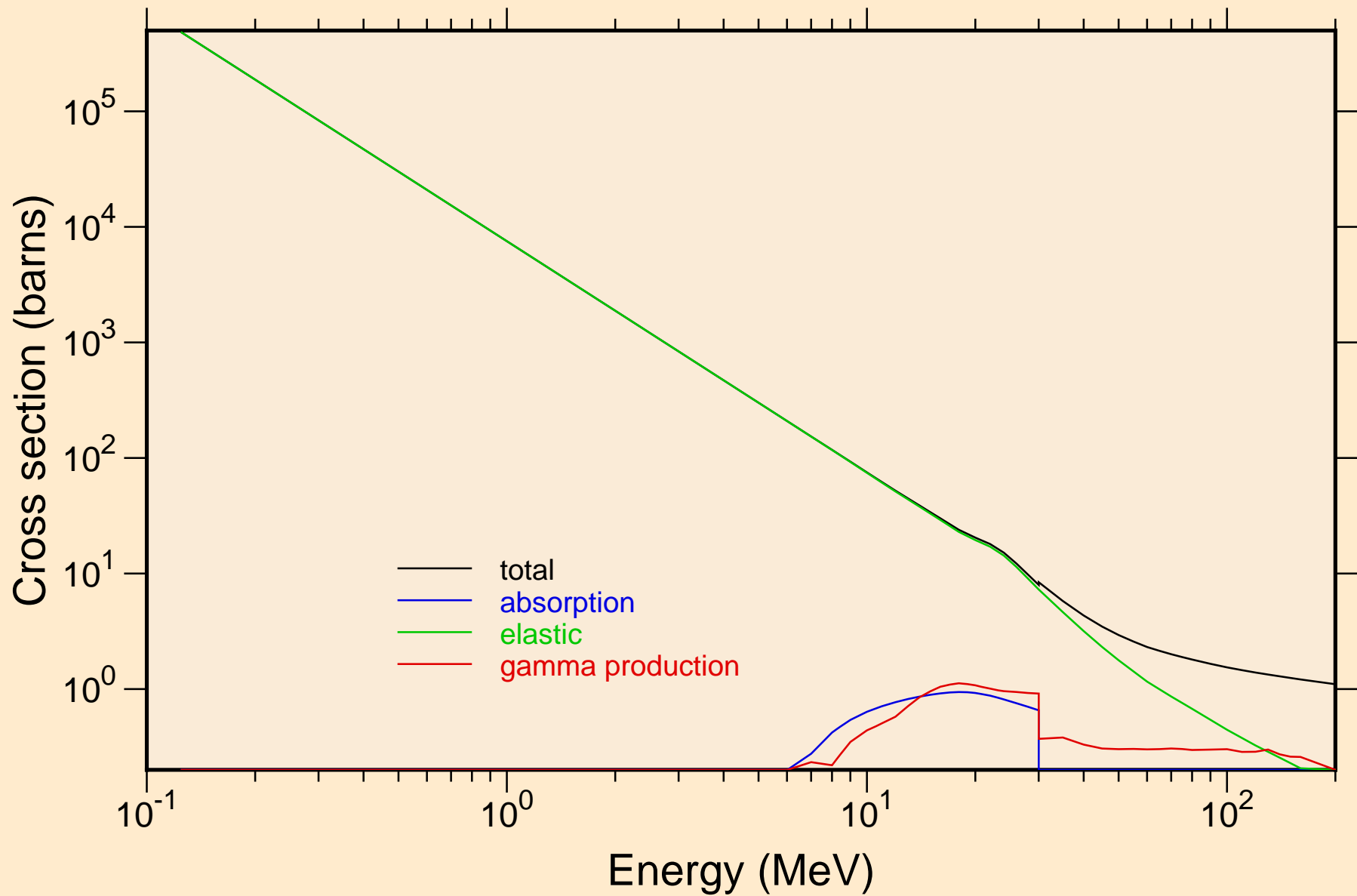


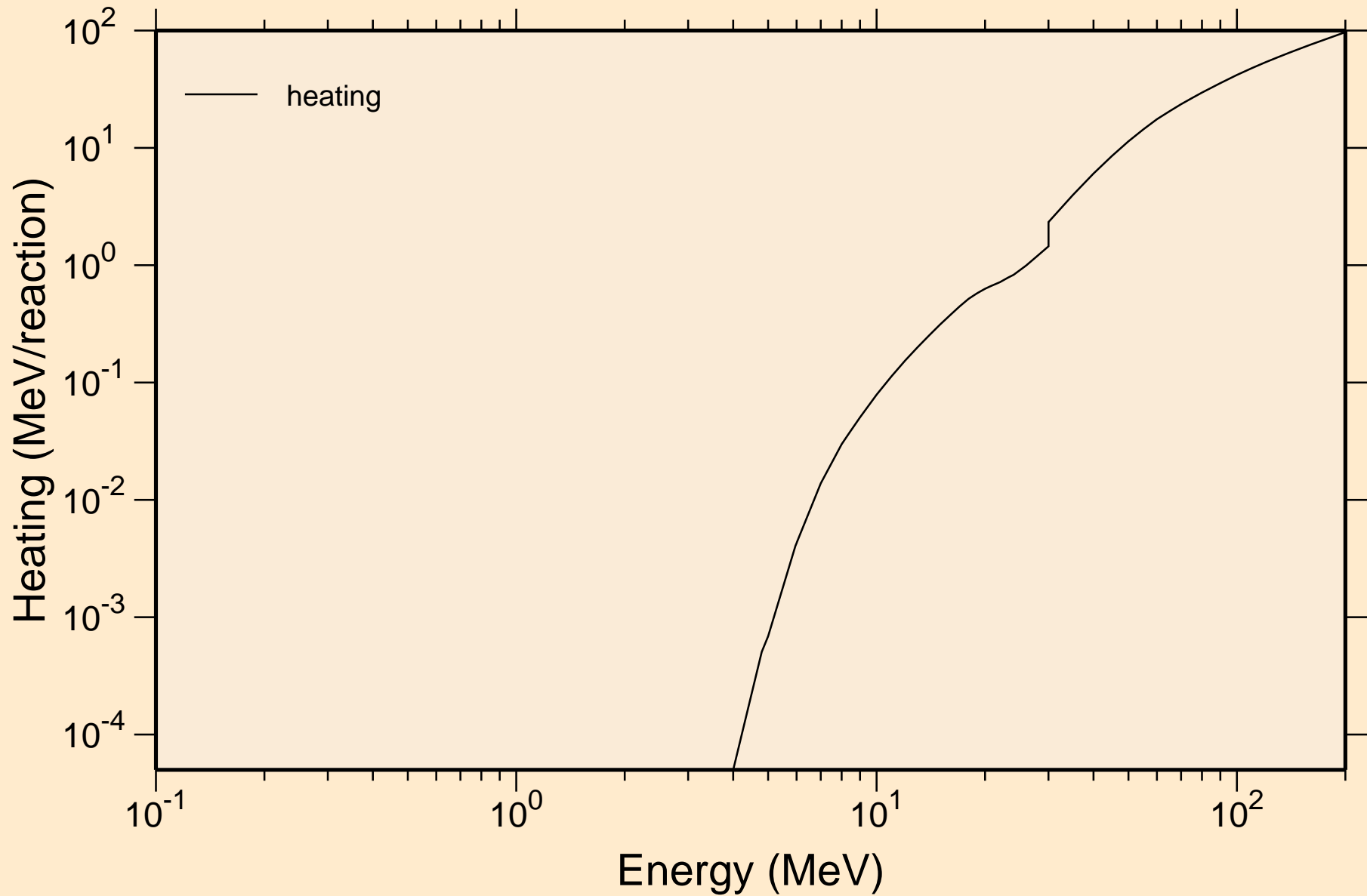
# S032 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



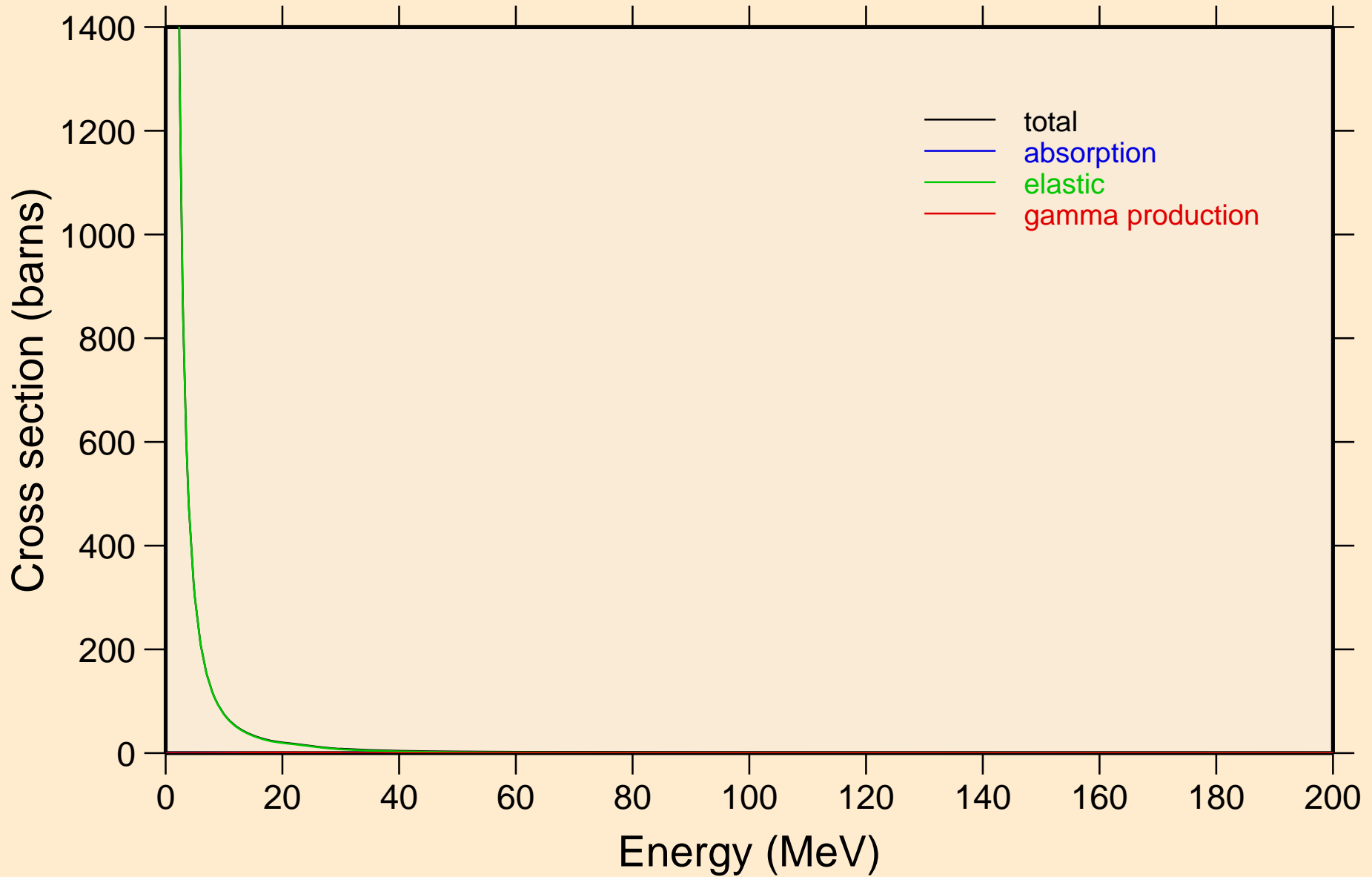
# S032 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



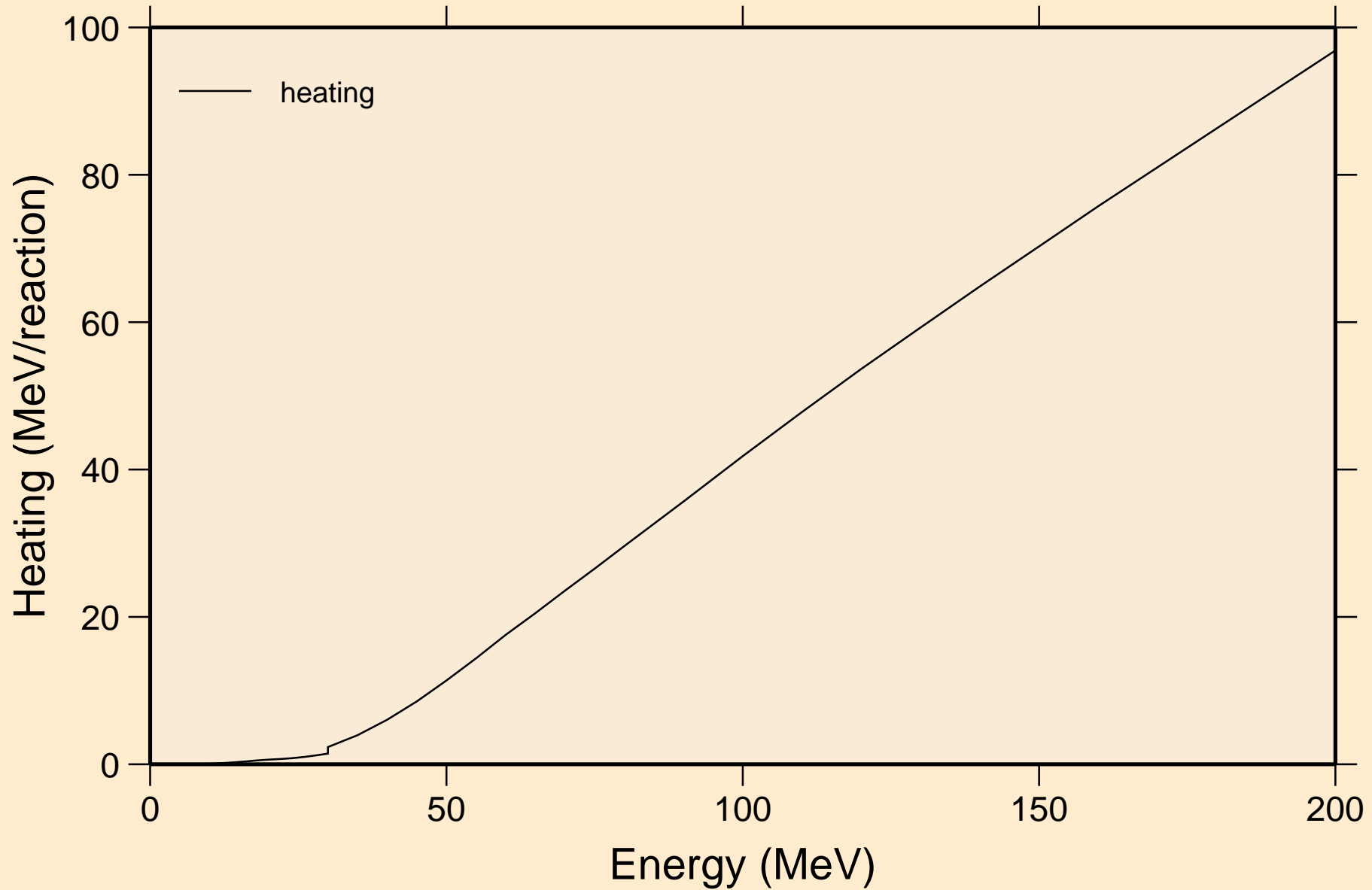
# S032 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

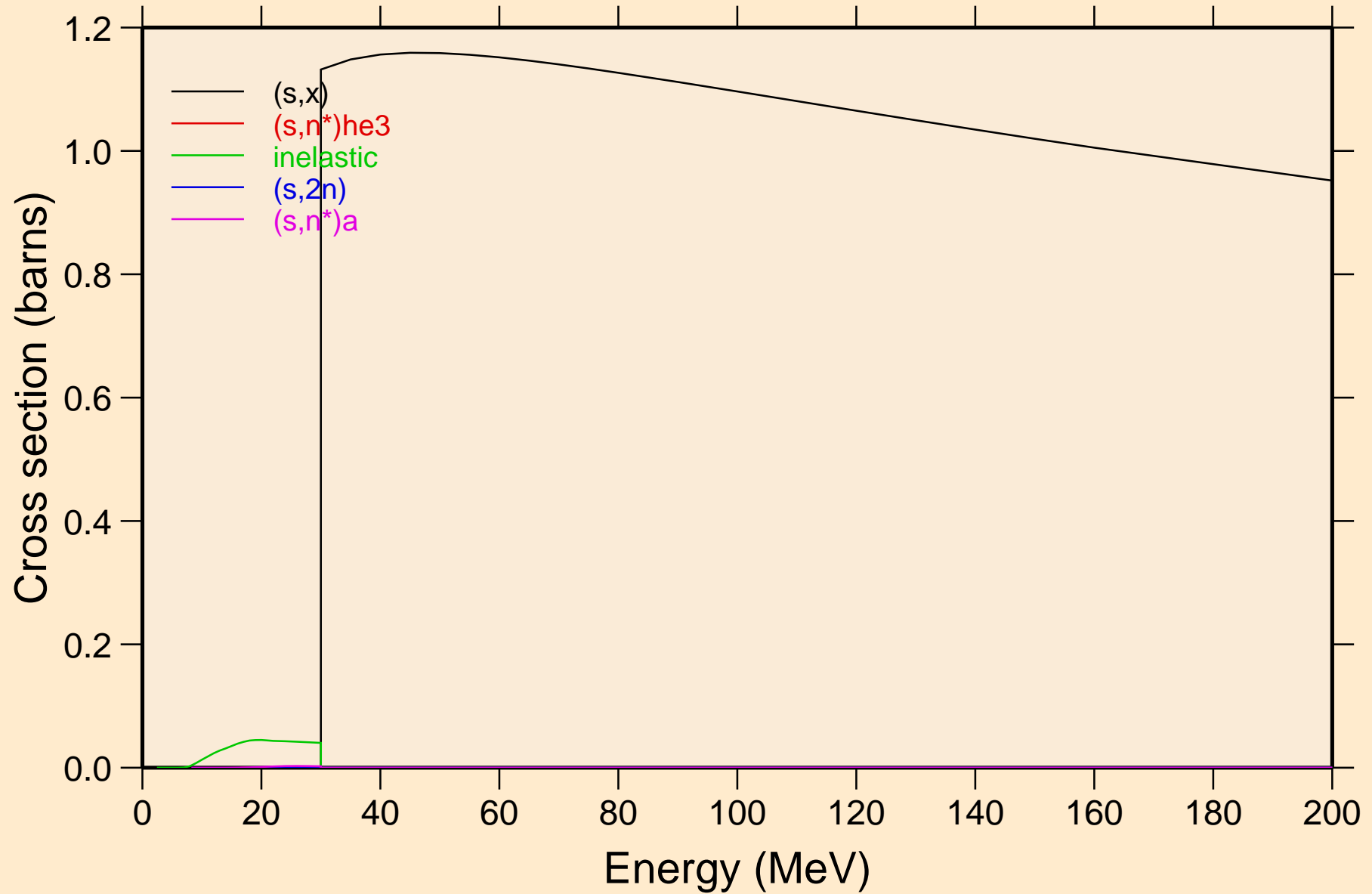


# S032 HELION ACER TENDL-2021 LIBRARY; T=0.K

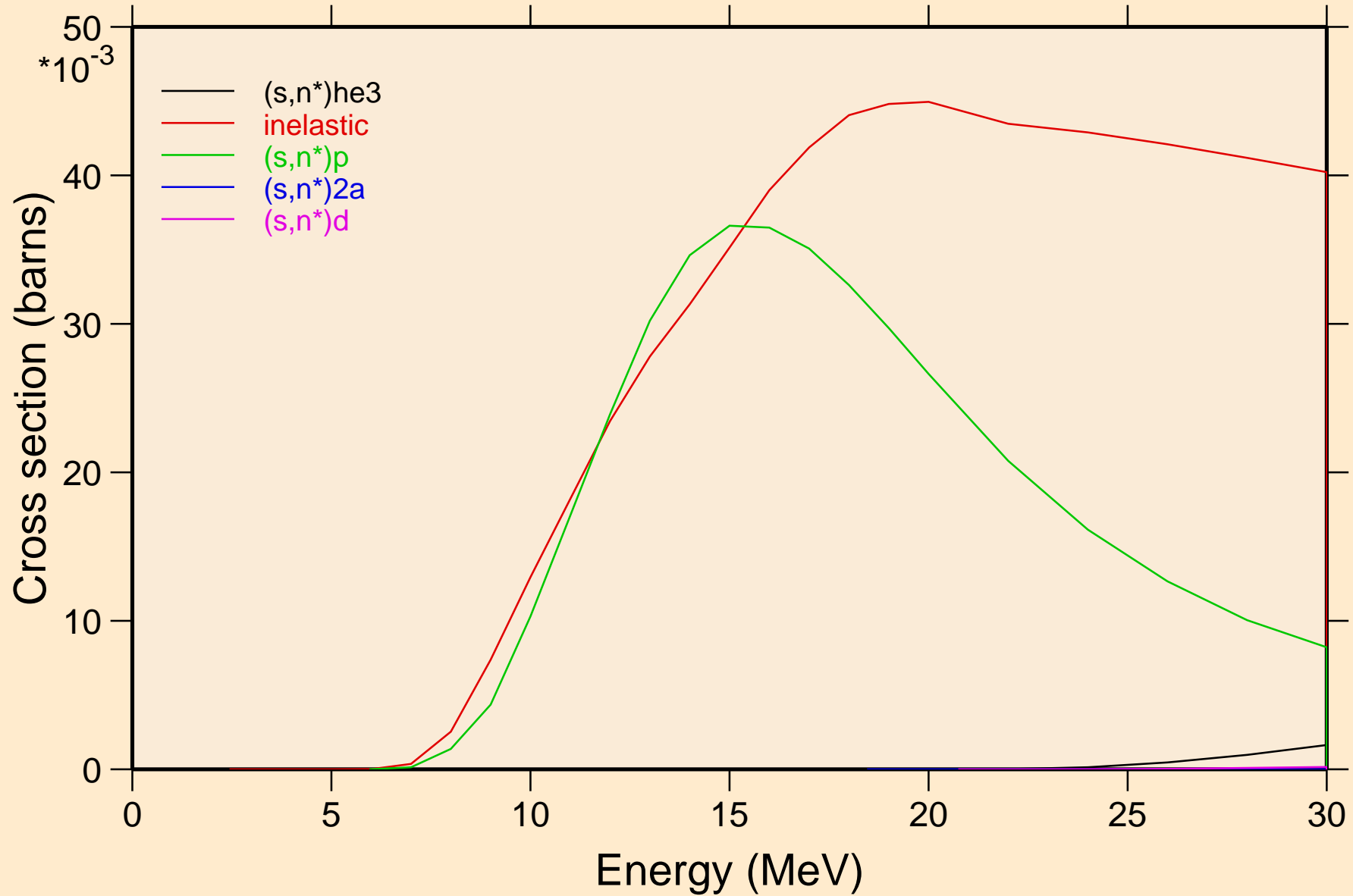
## Heating



S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

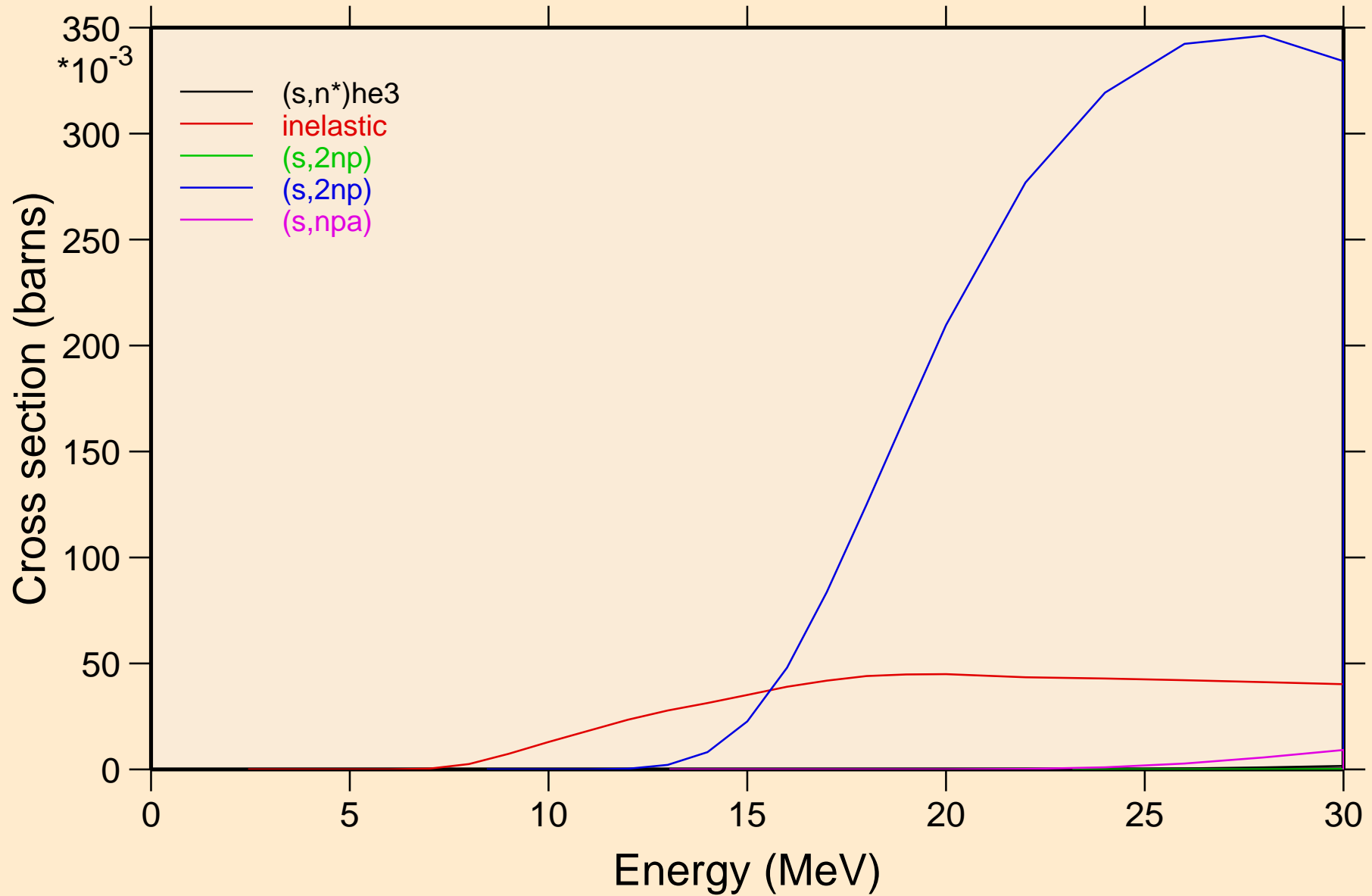


S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



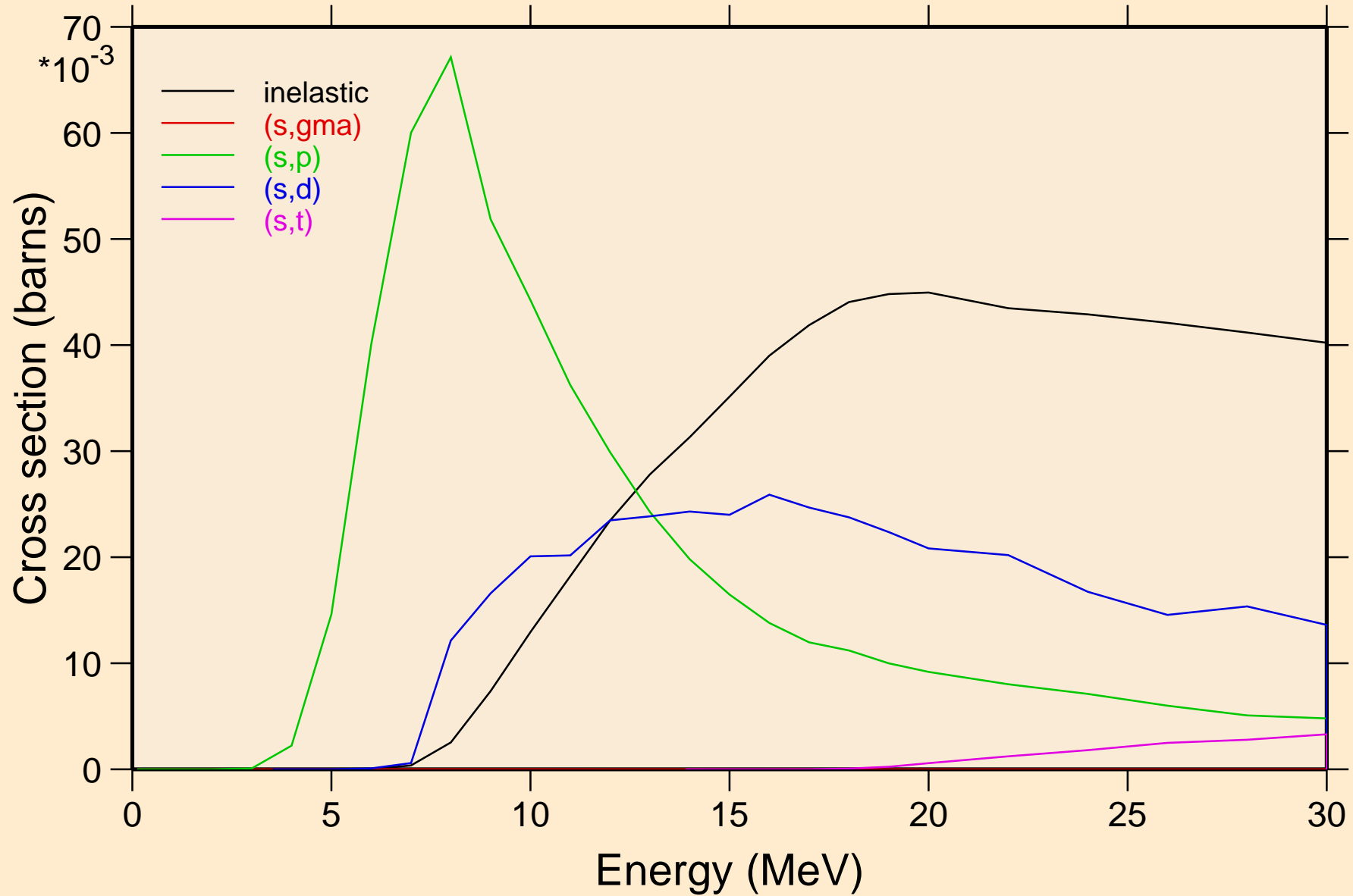
# S032 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



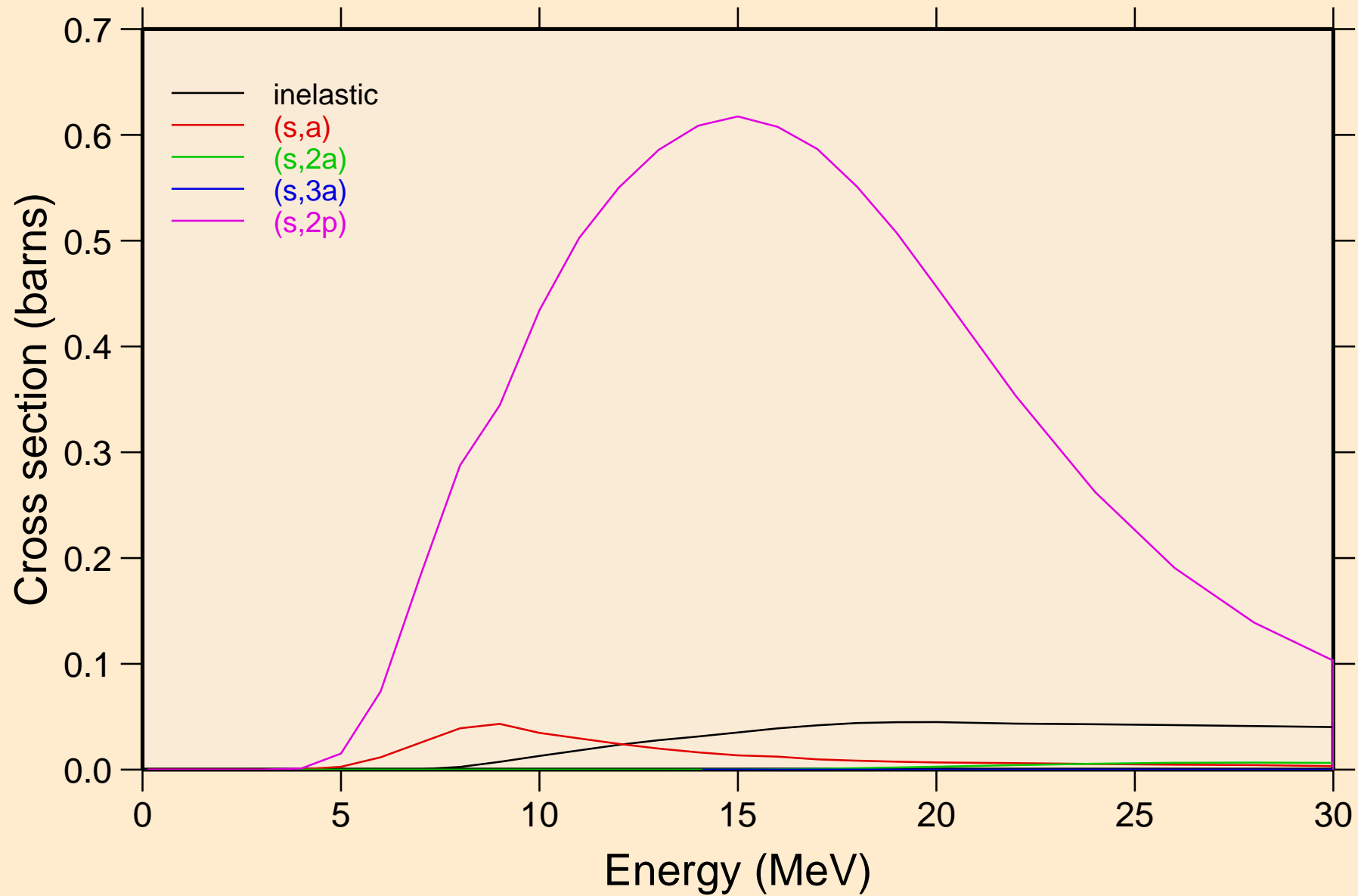
# S032 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

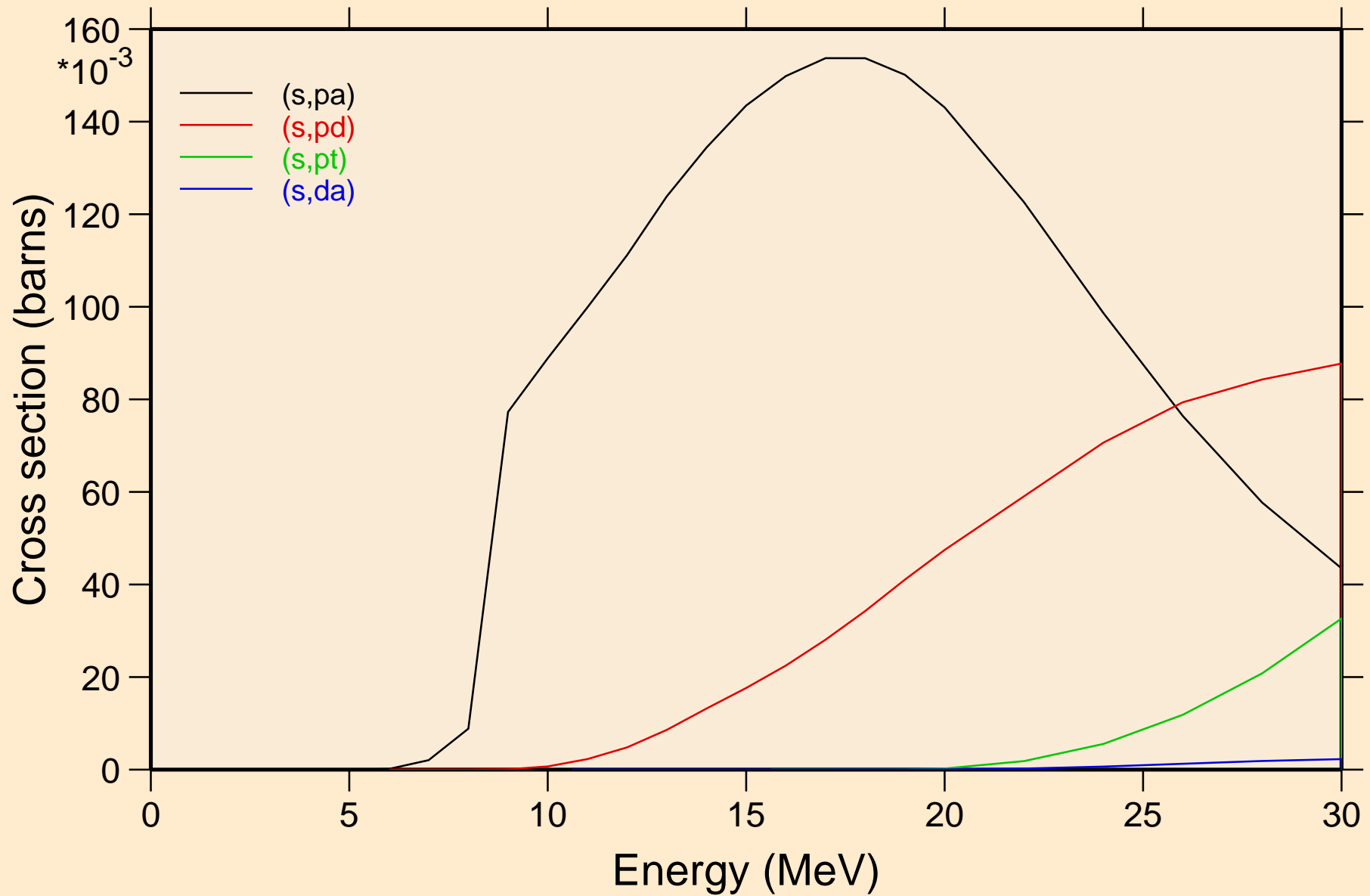




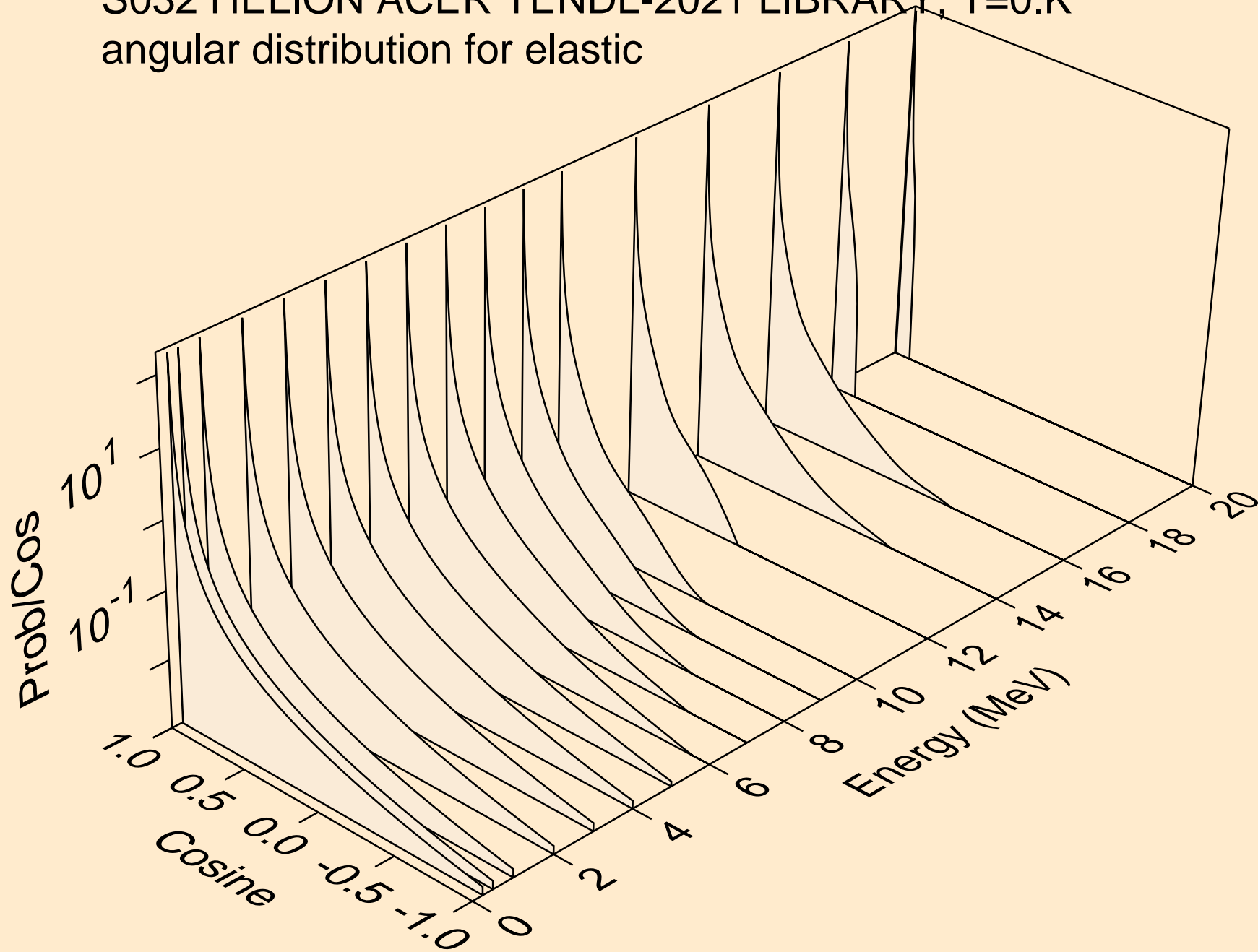
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



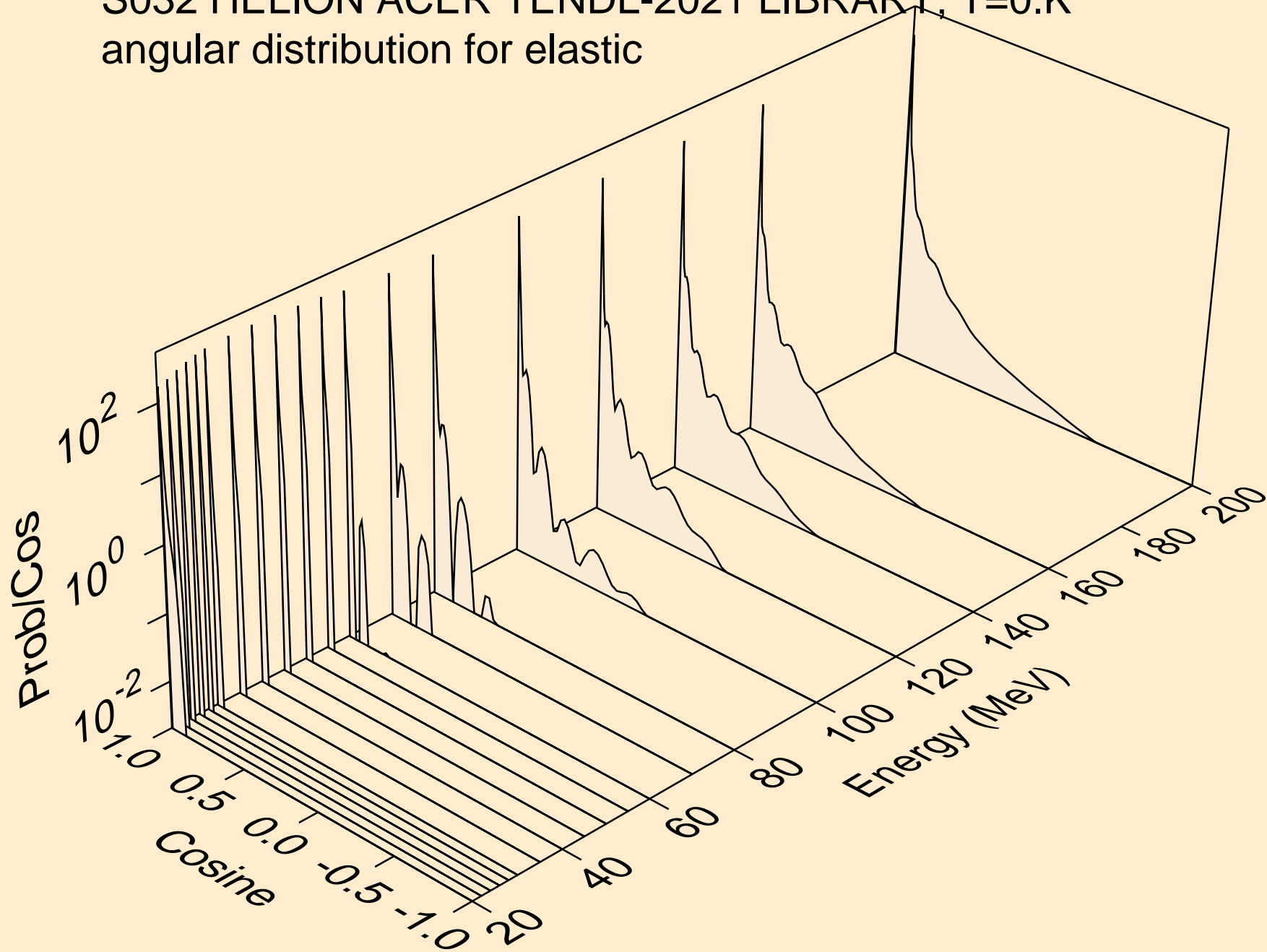
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



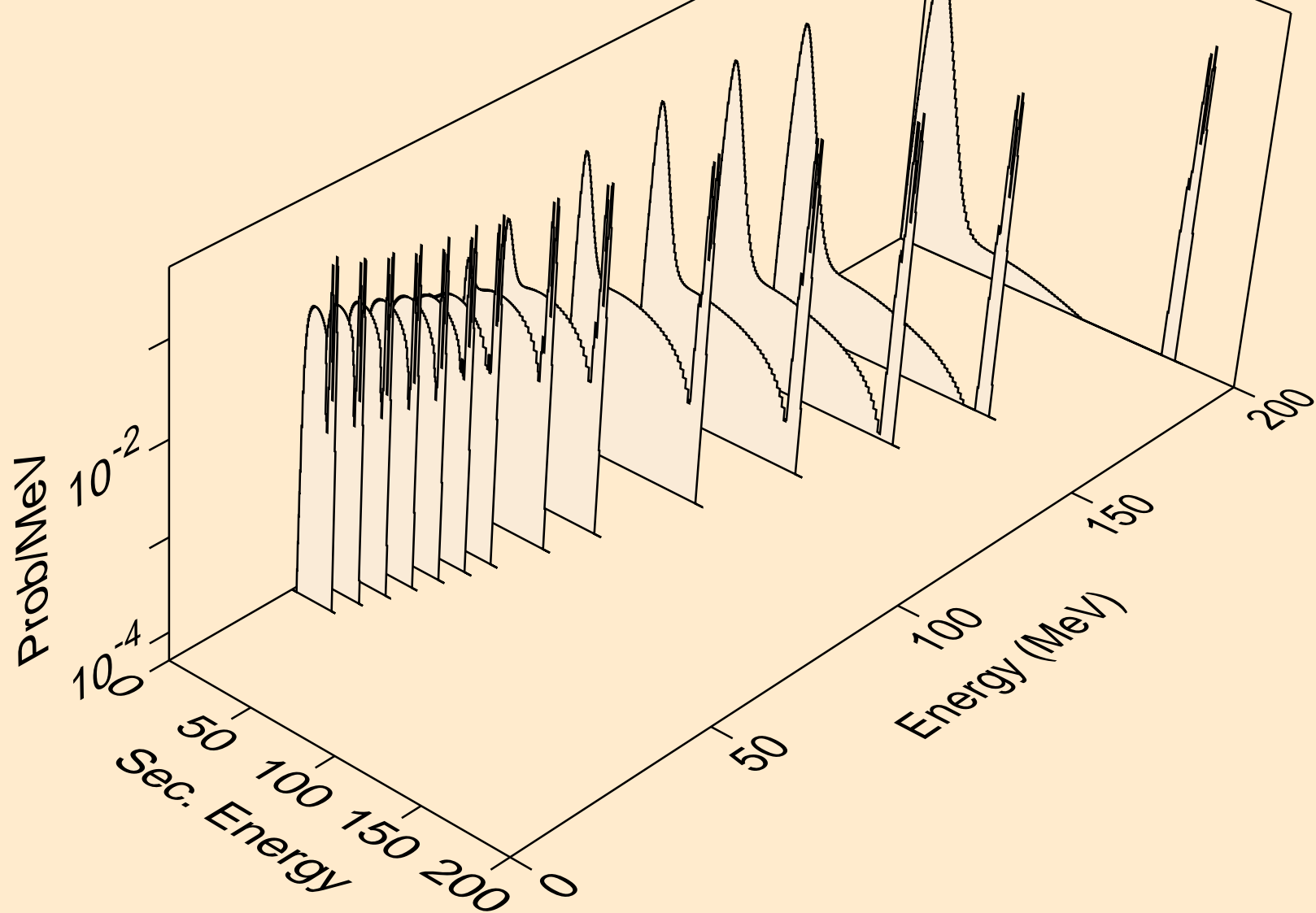
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



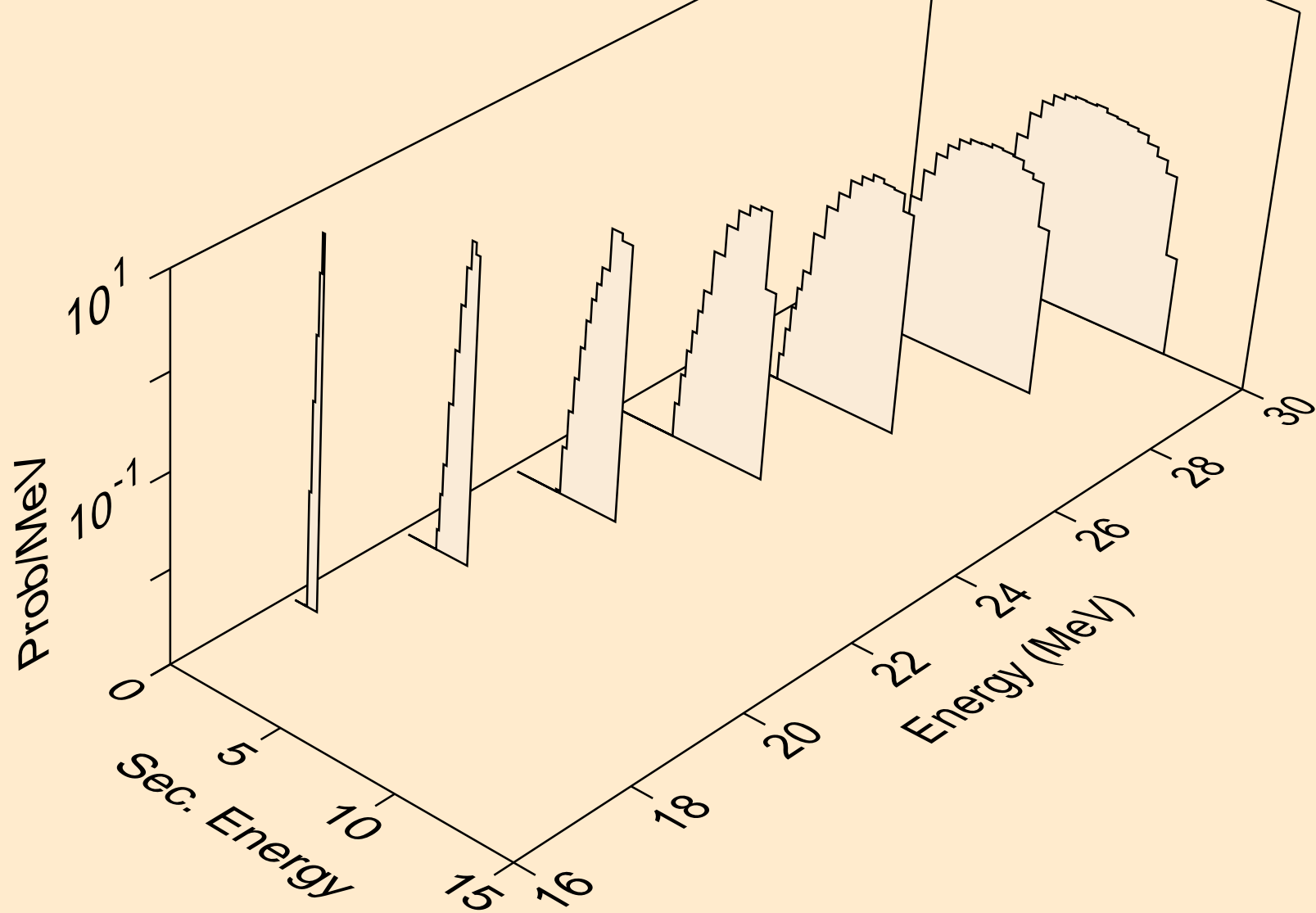
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



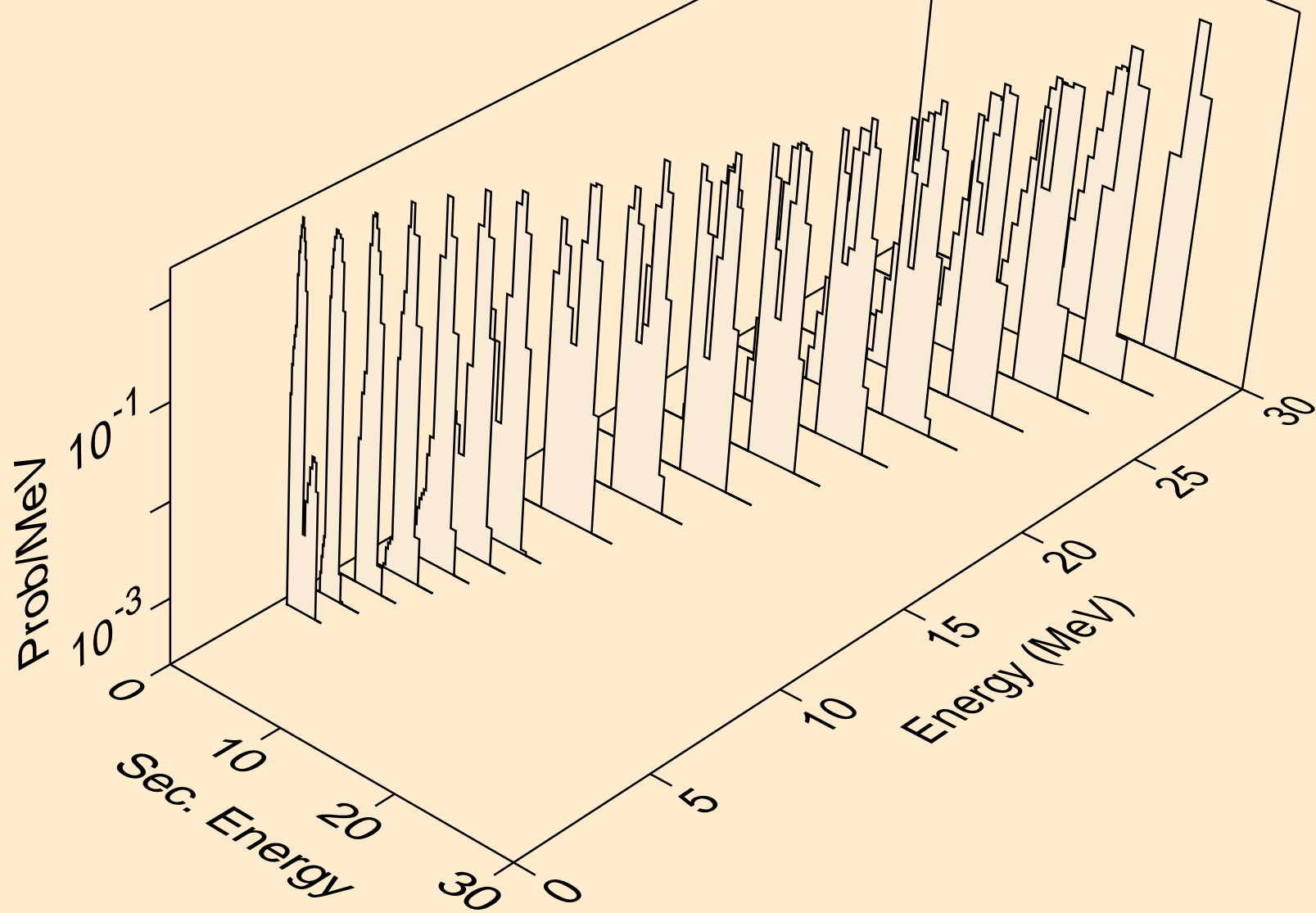
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



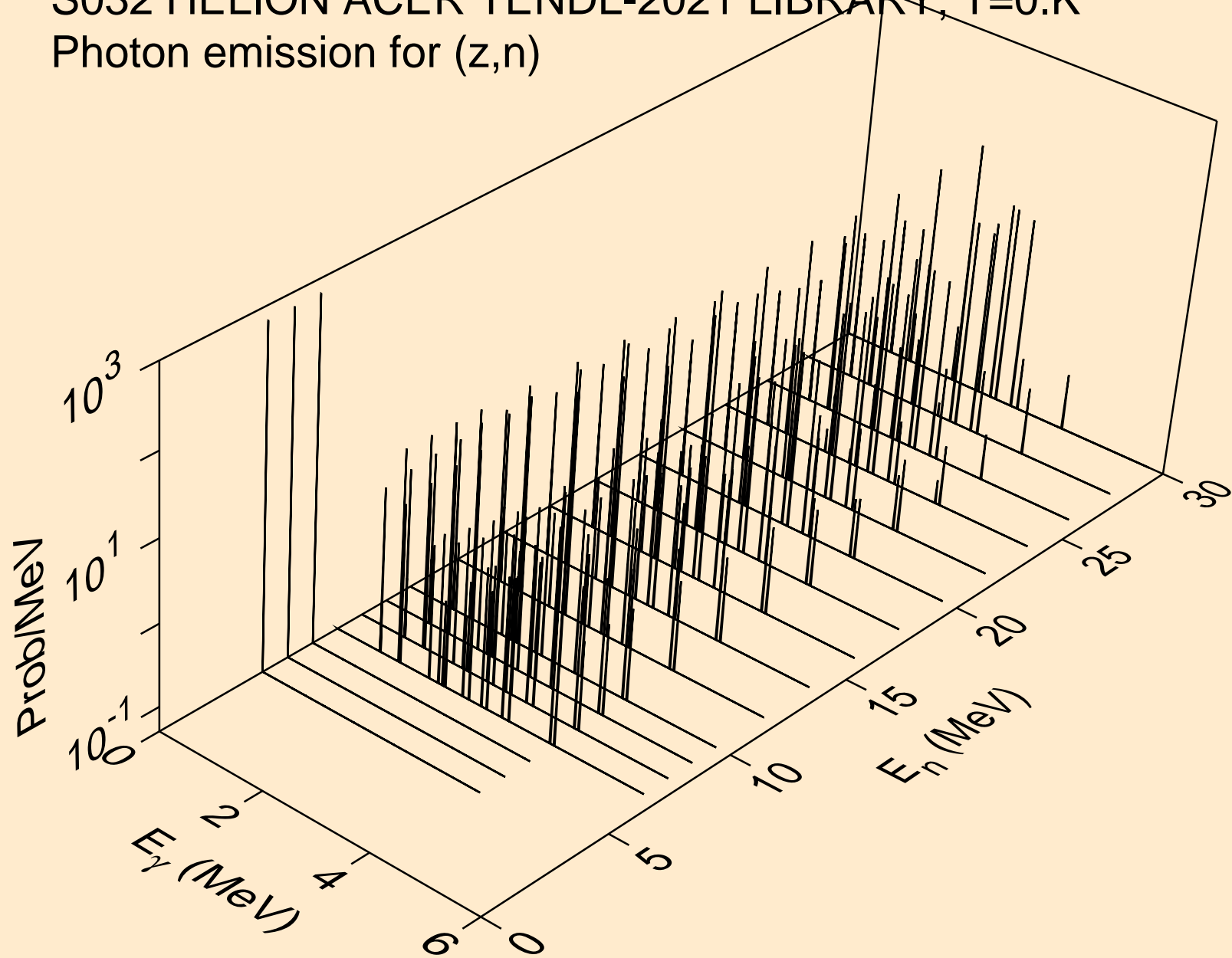
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic

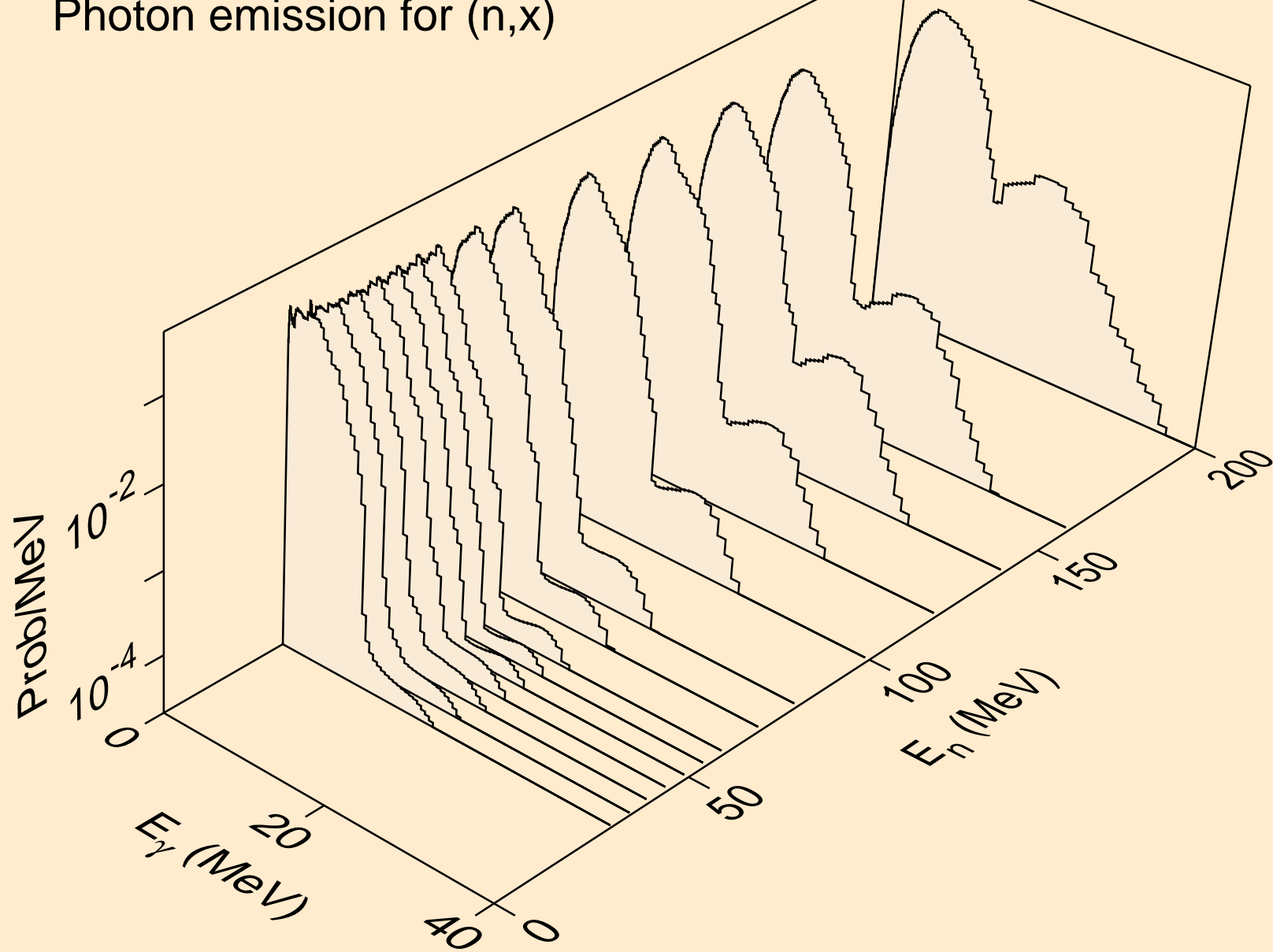


S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

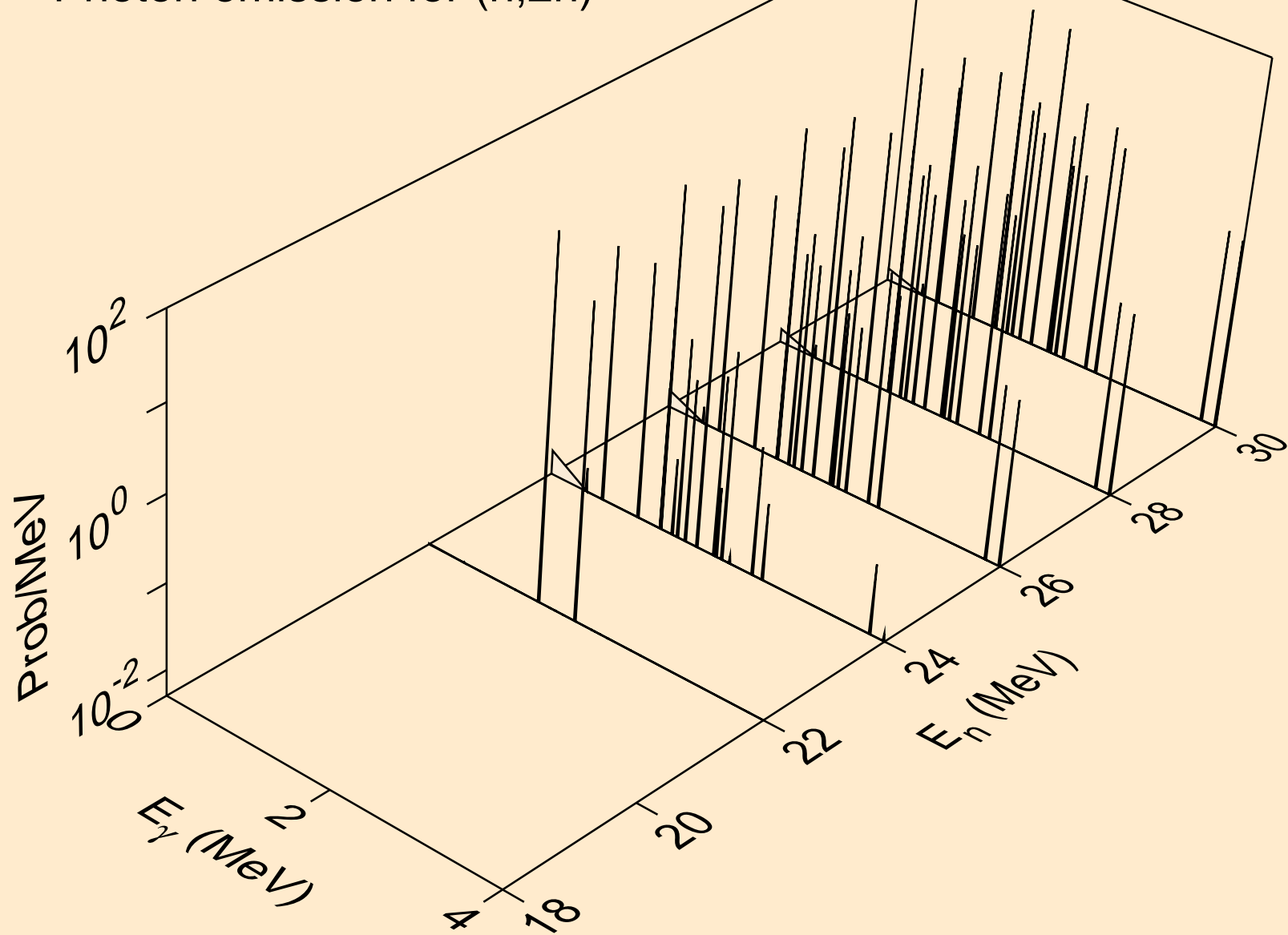




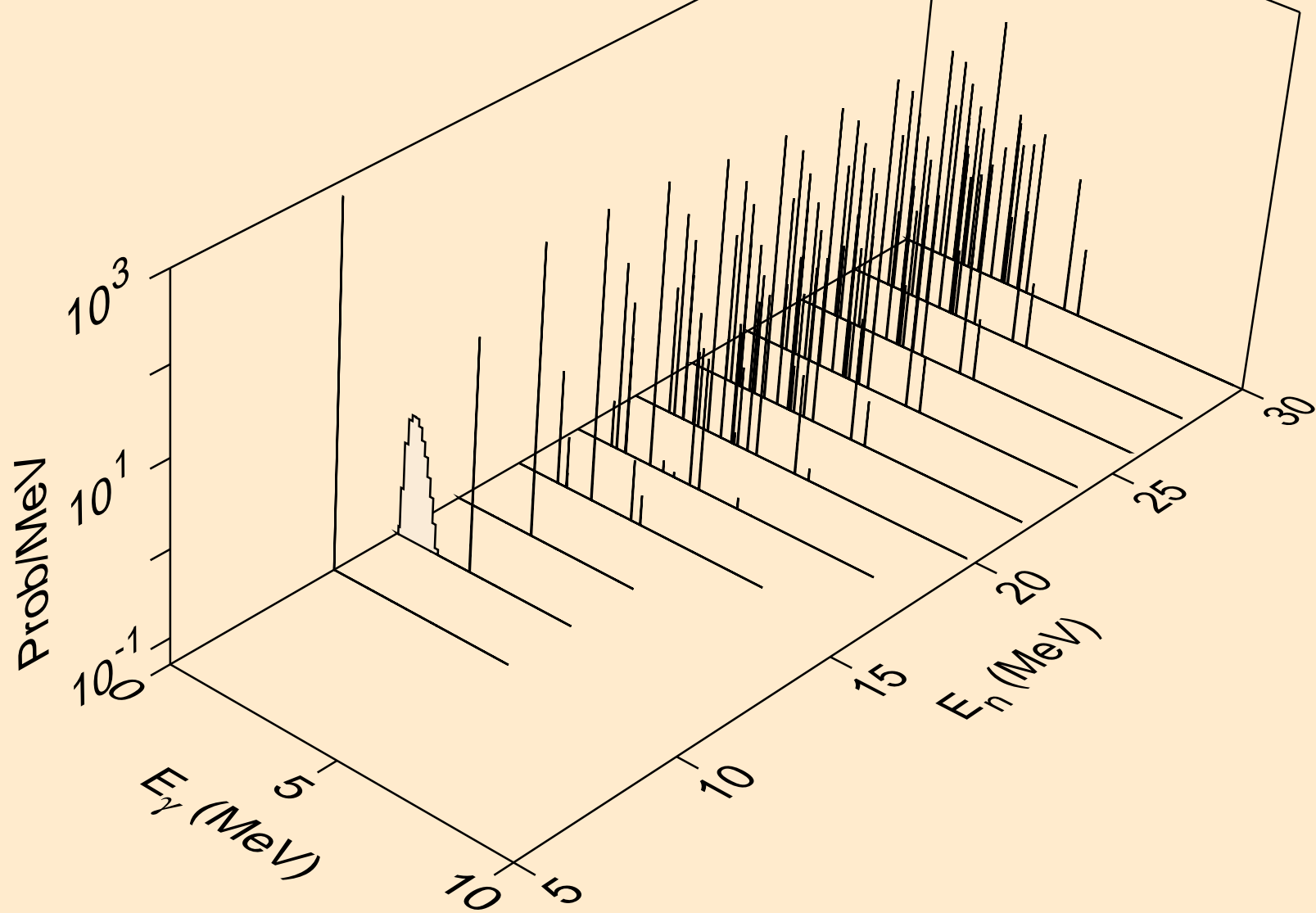
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



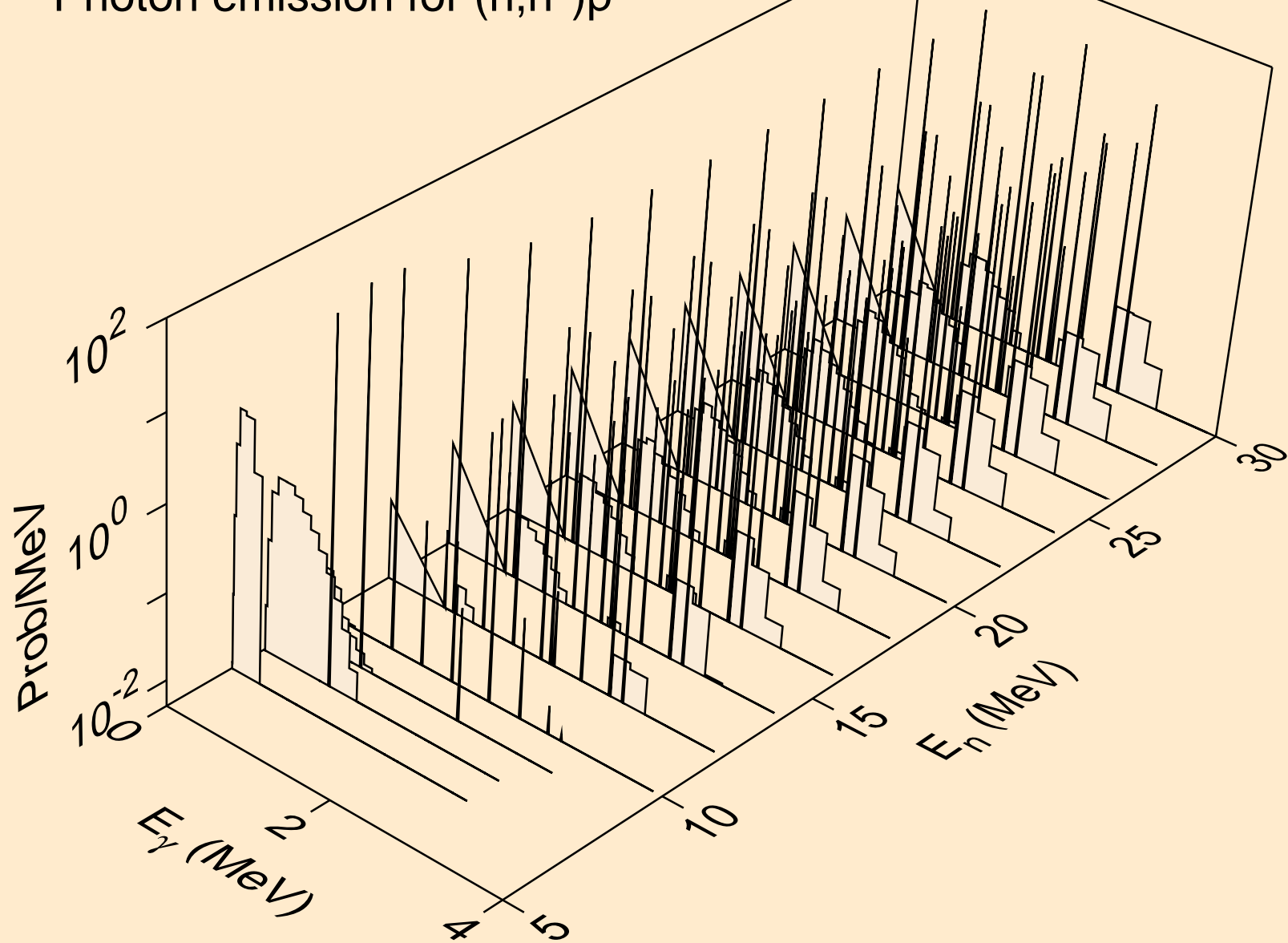
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



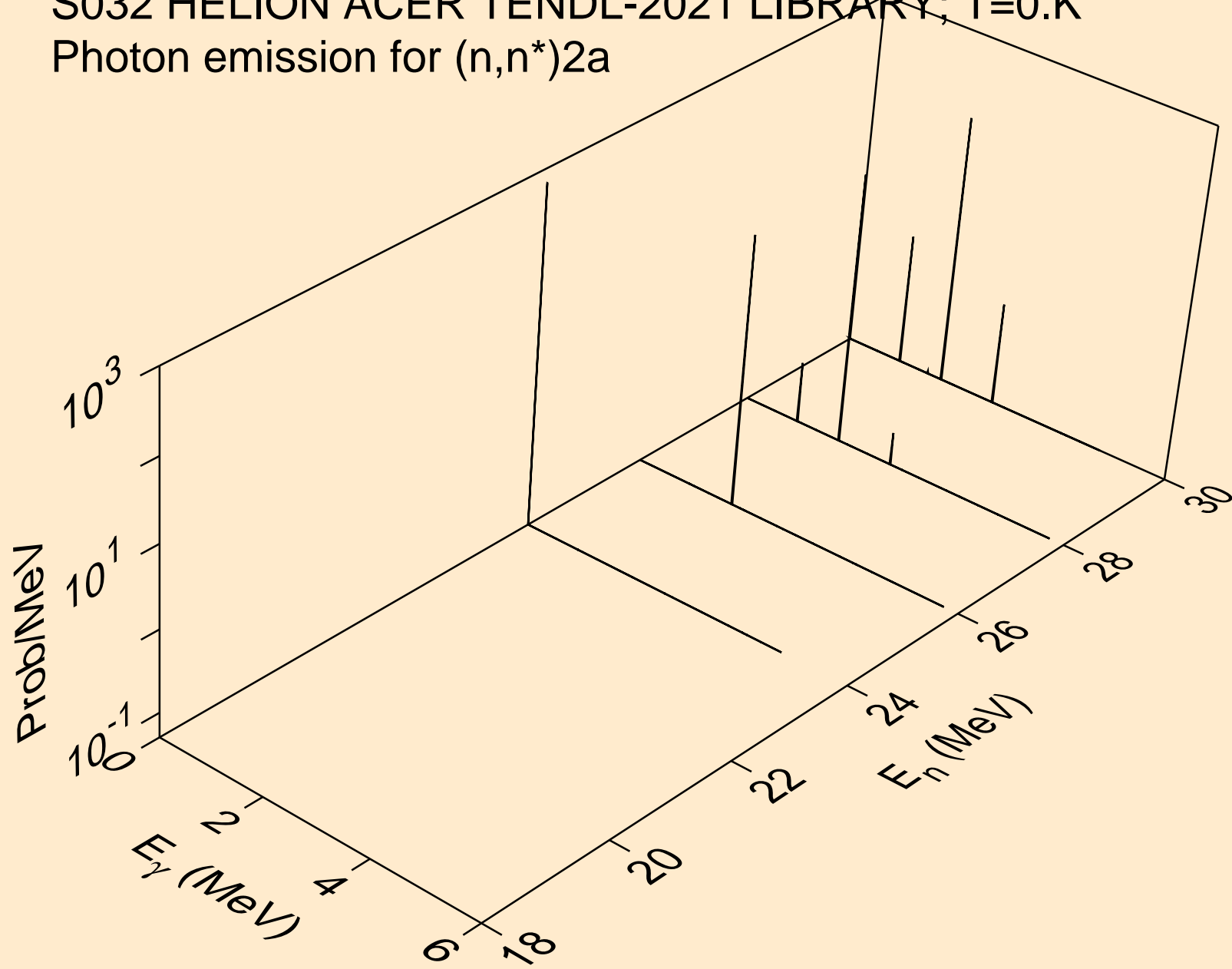
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



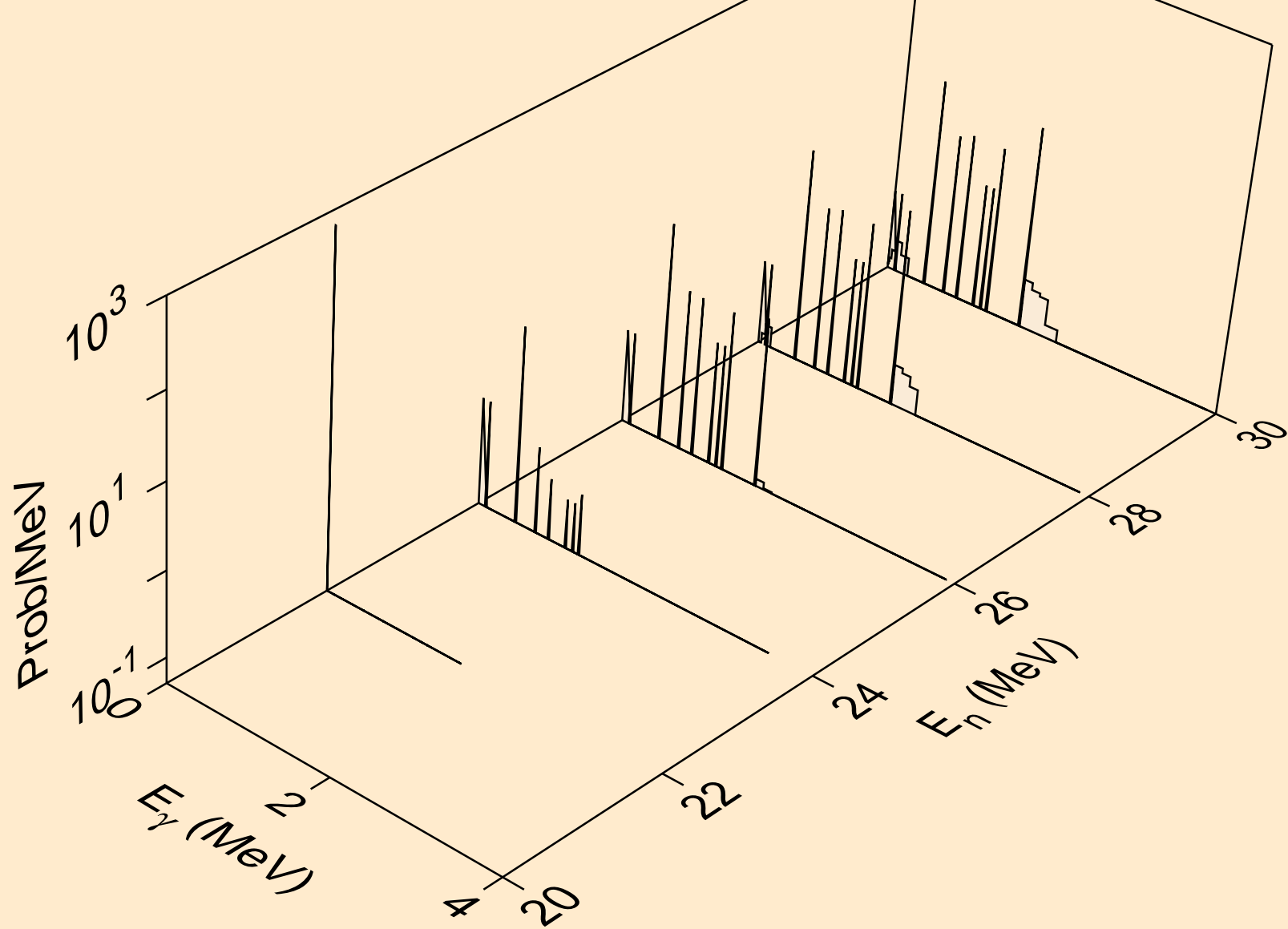
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



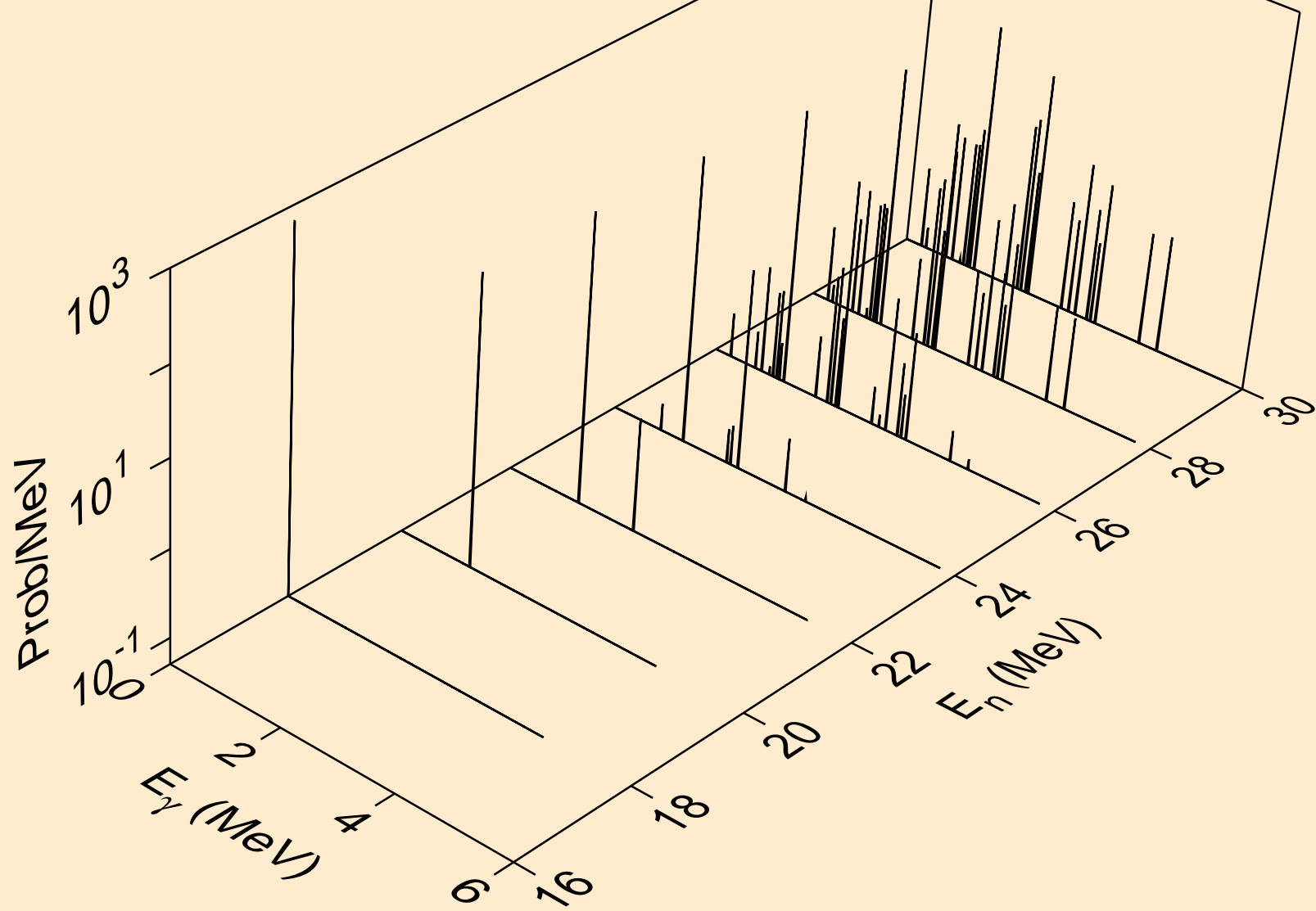
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



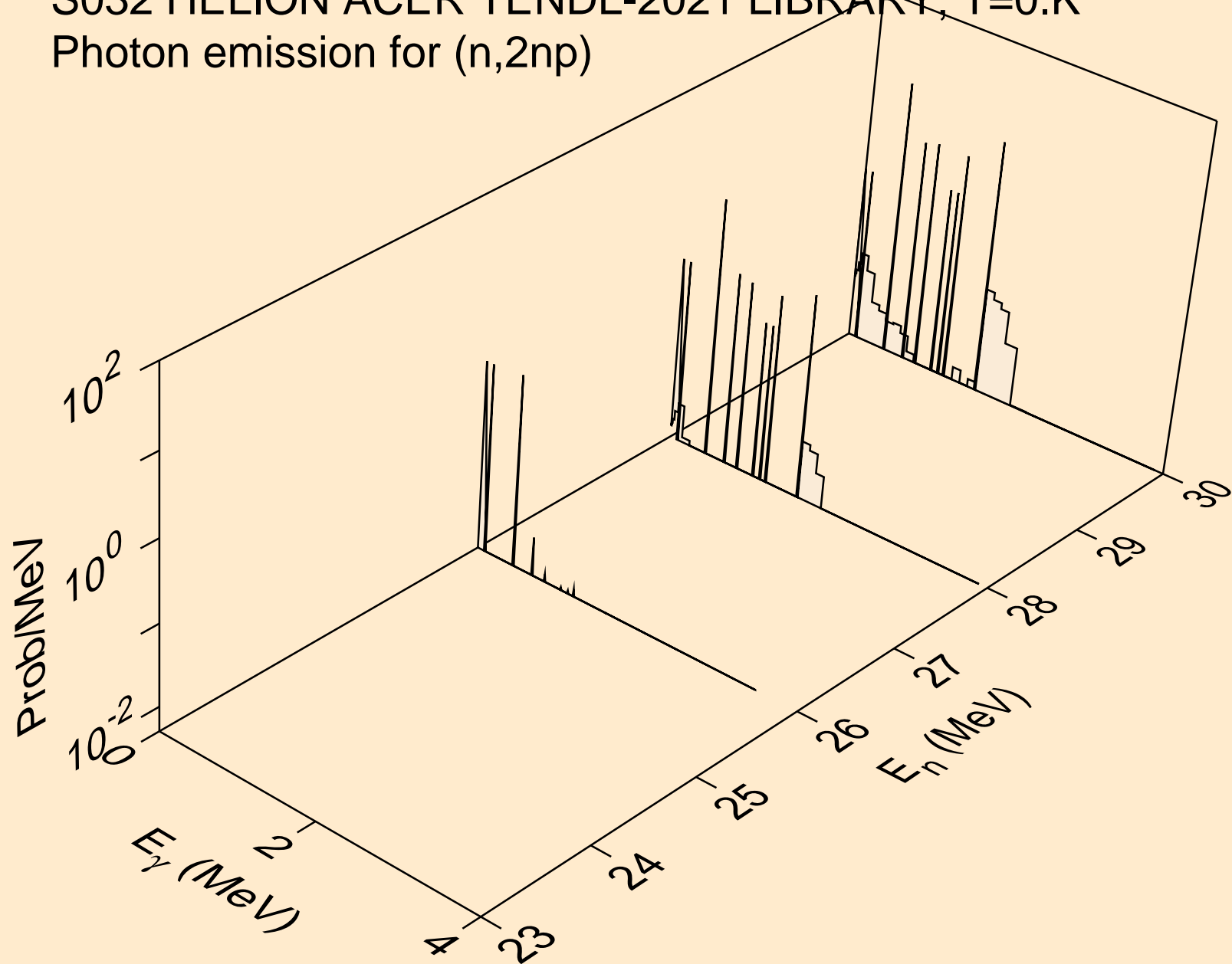
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

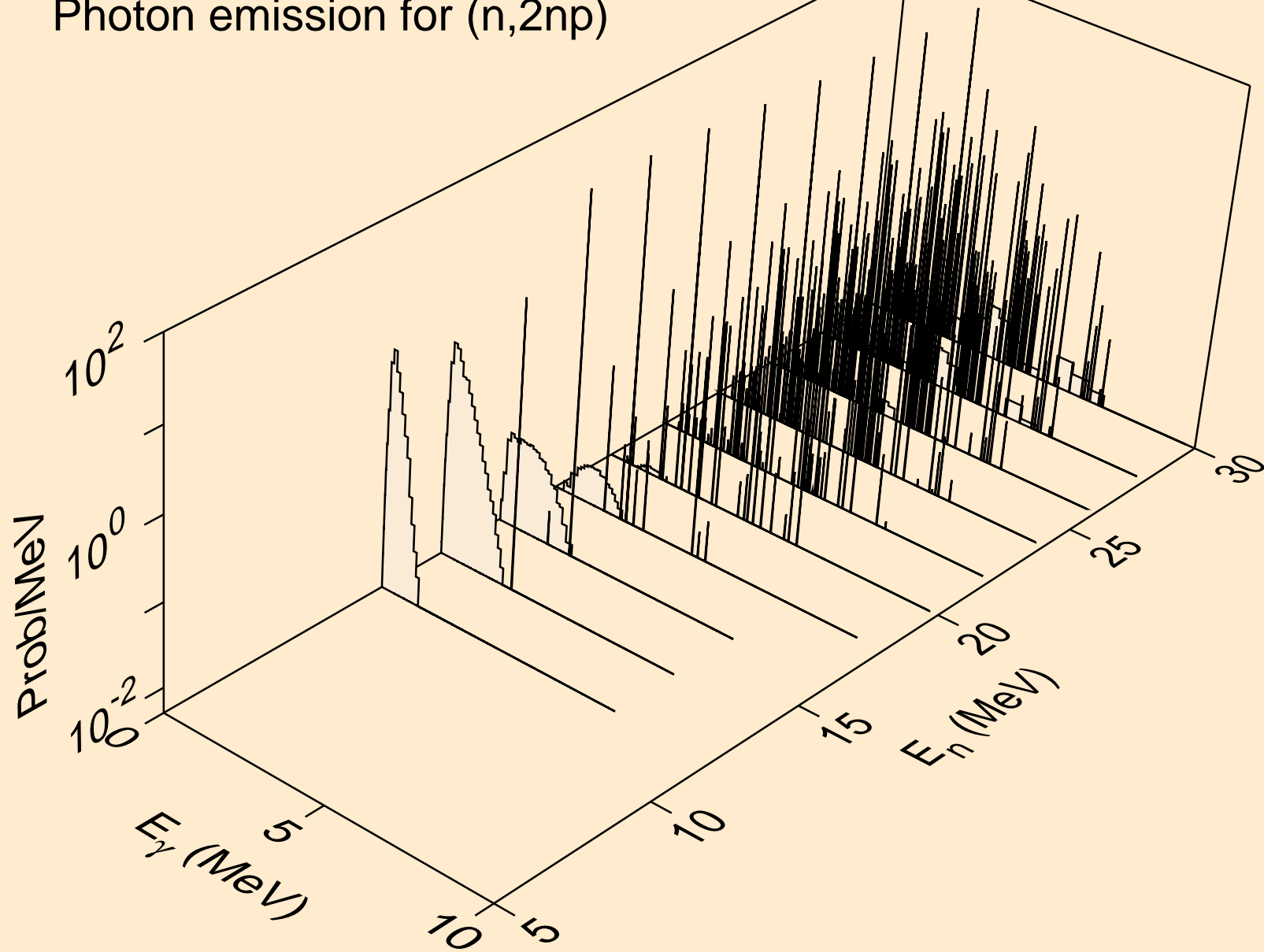


S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

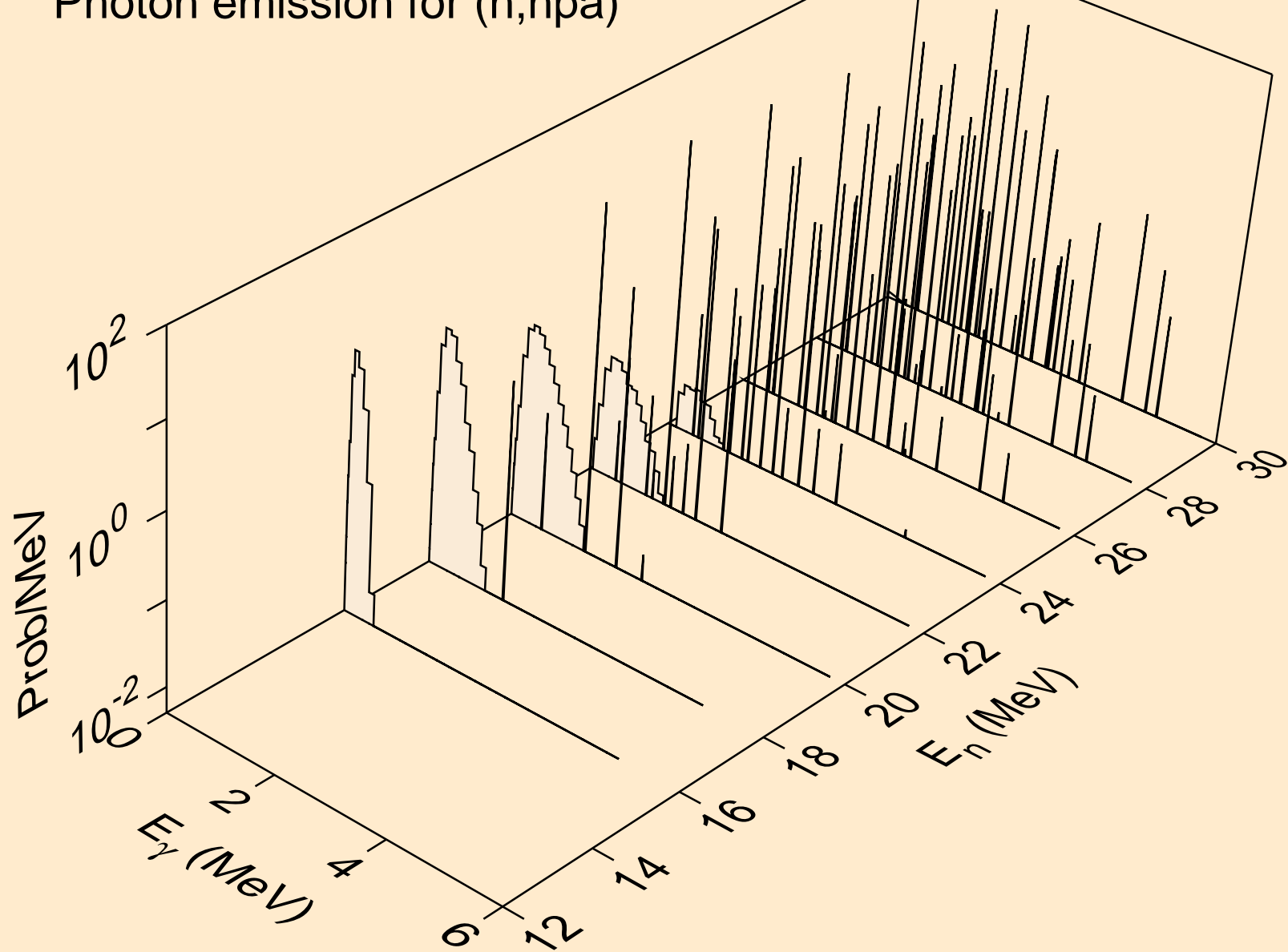




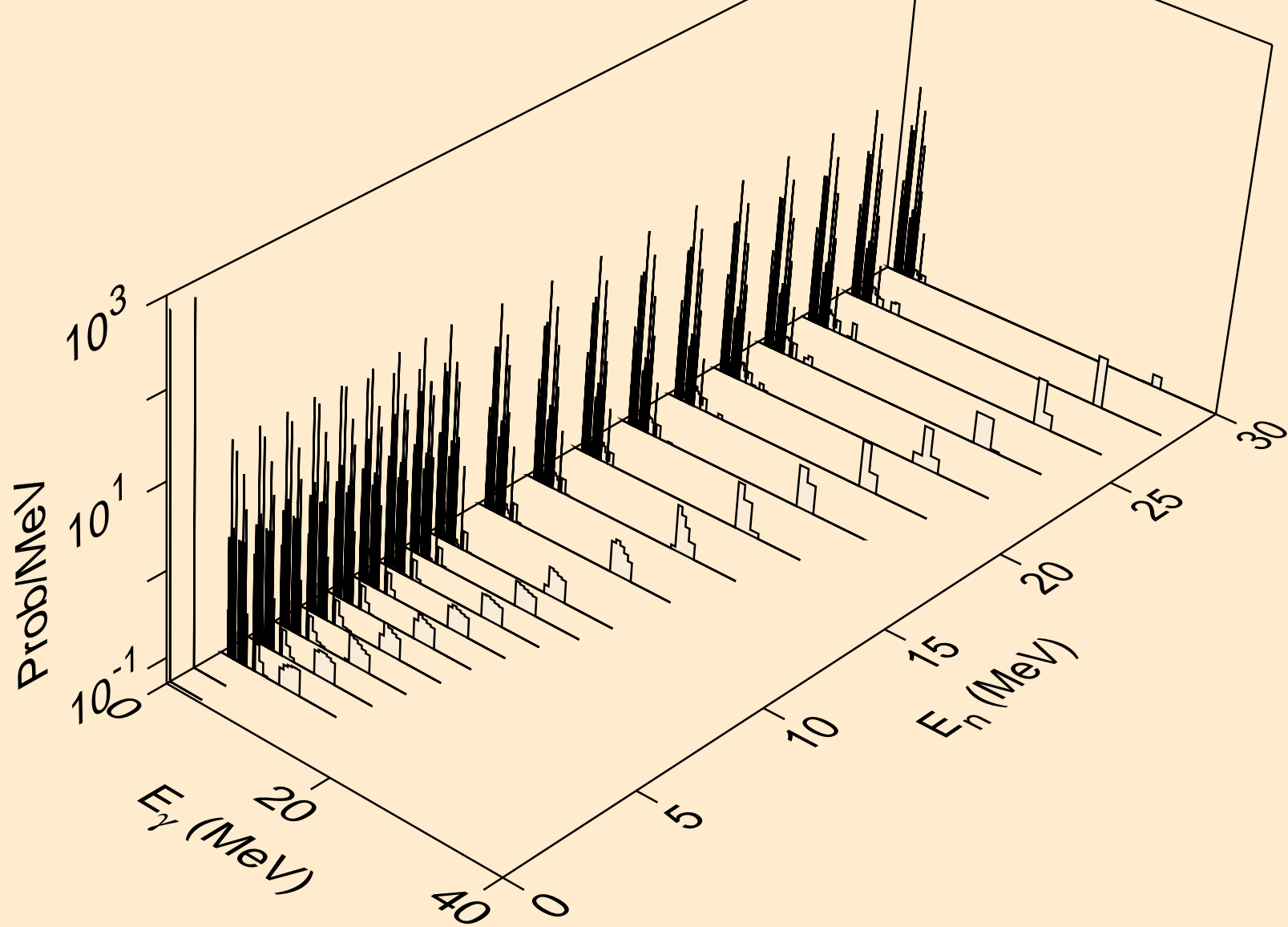
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



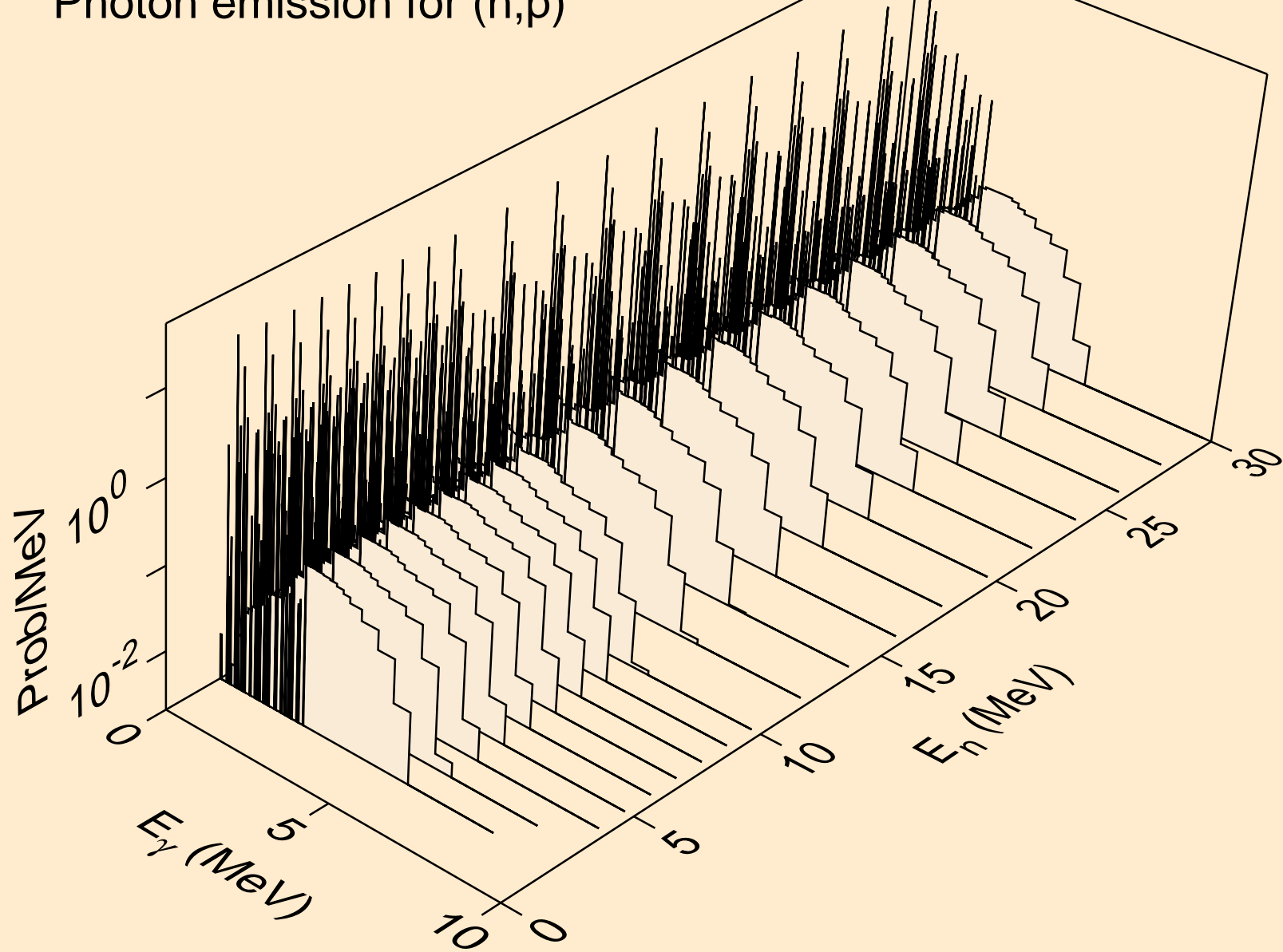
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



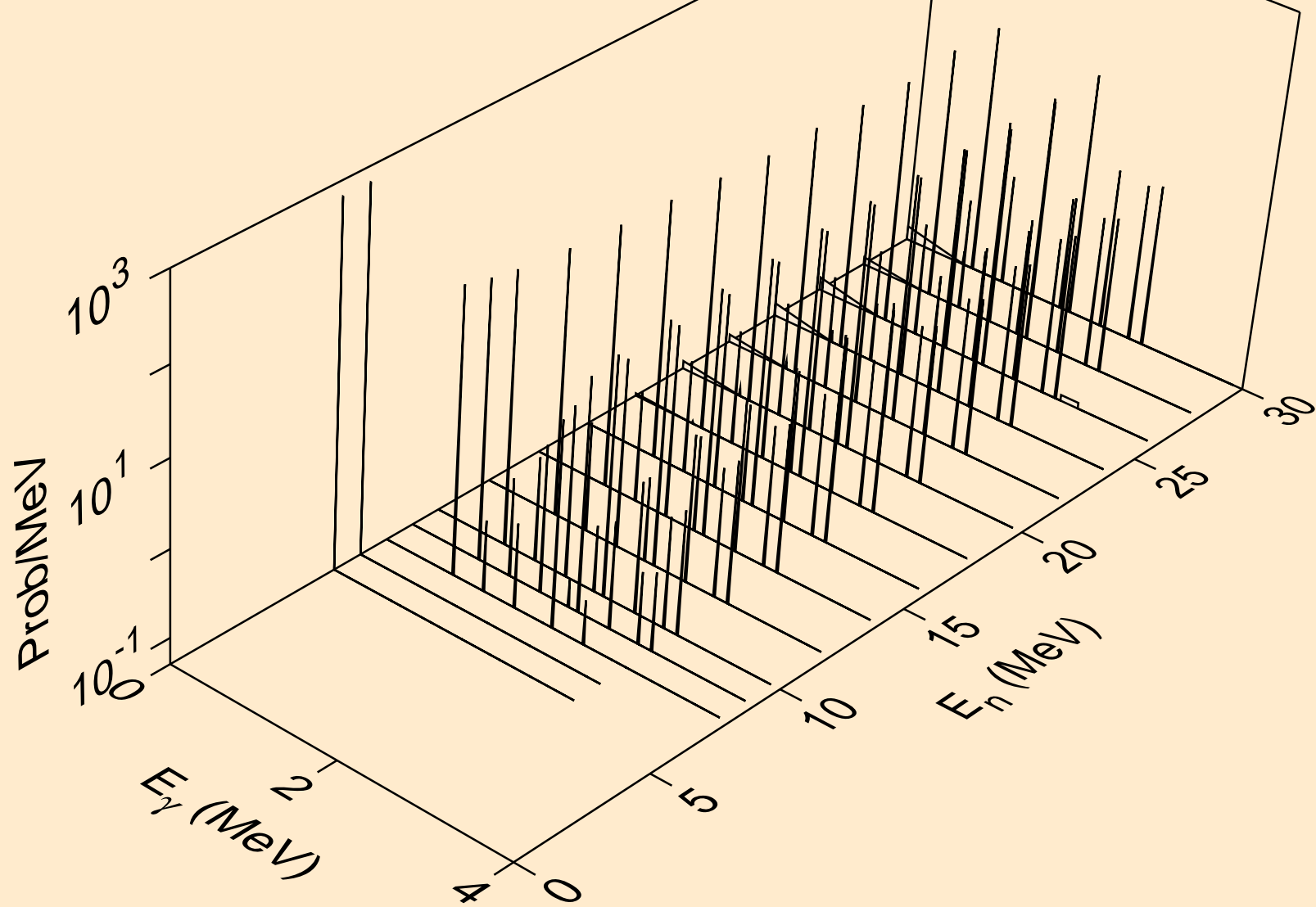
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



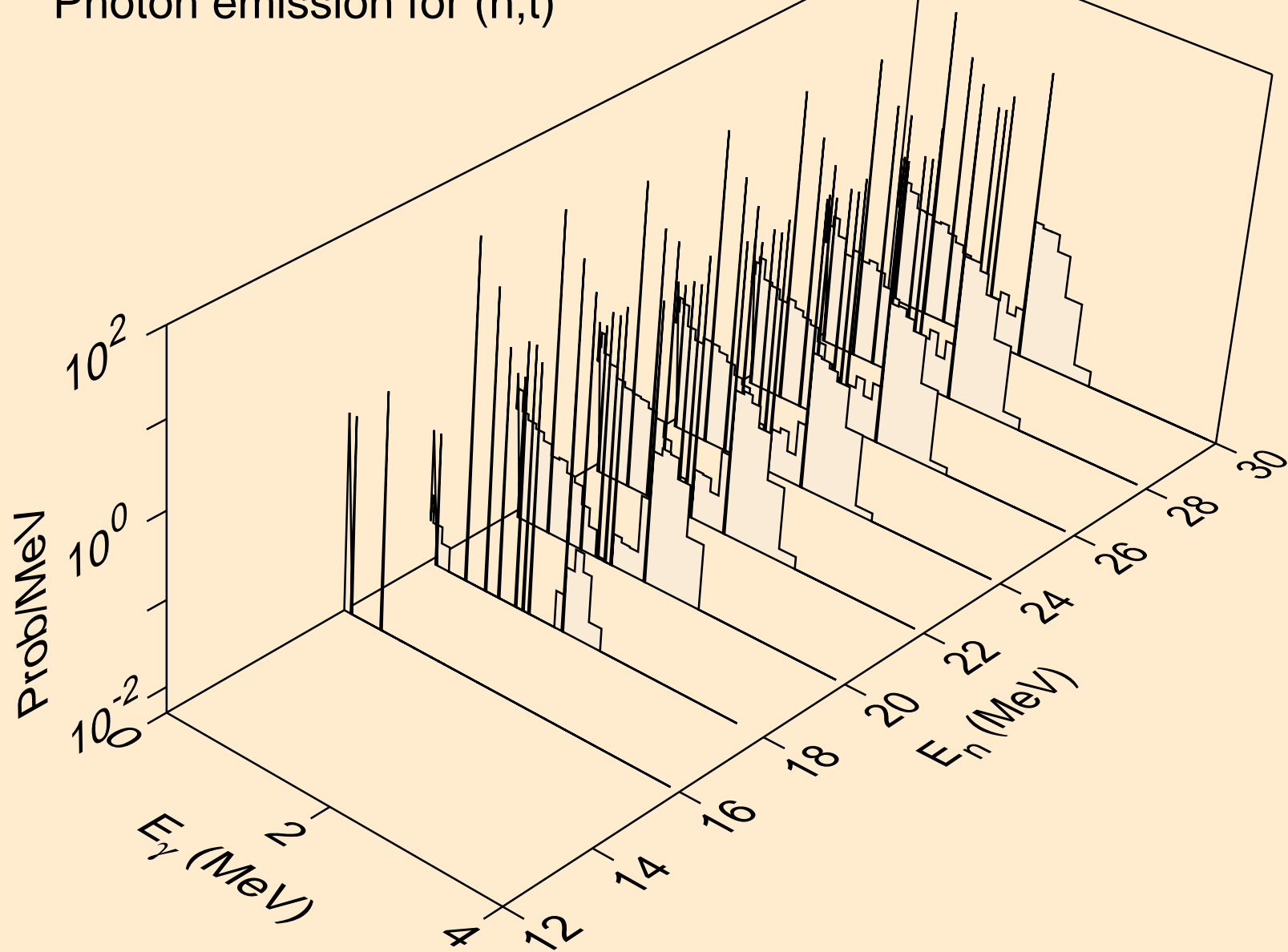
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



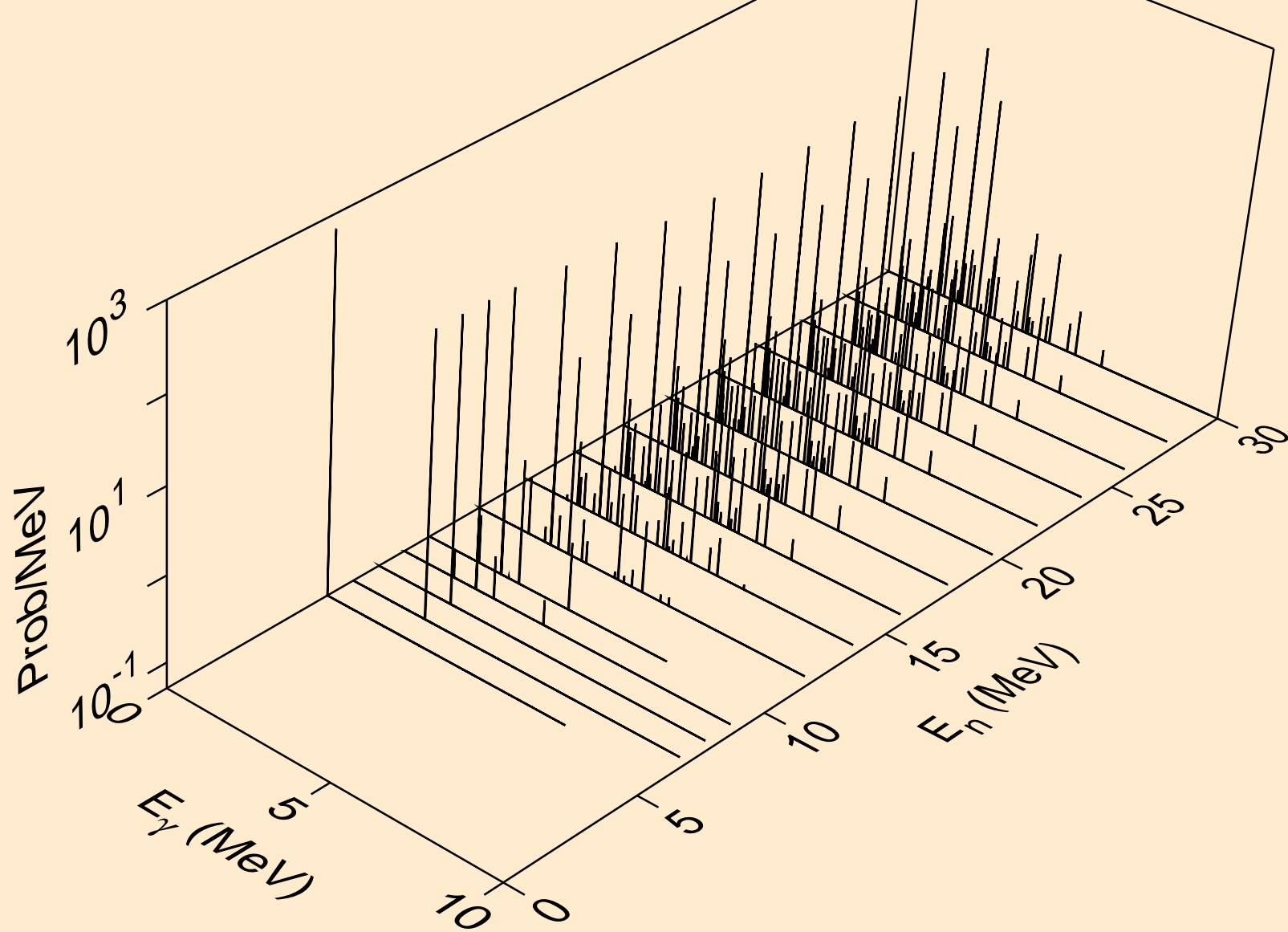
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Photon emission for (n,d)



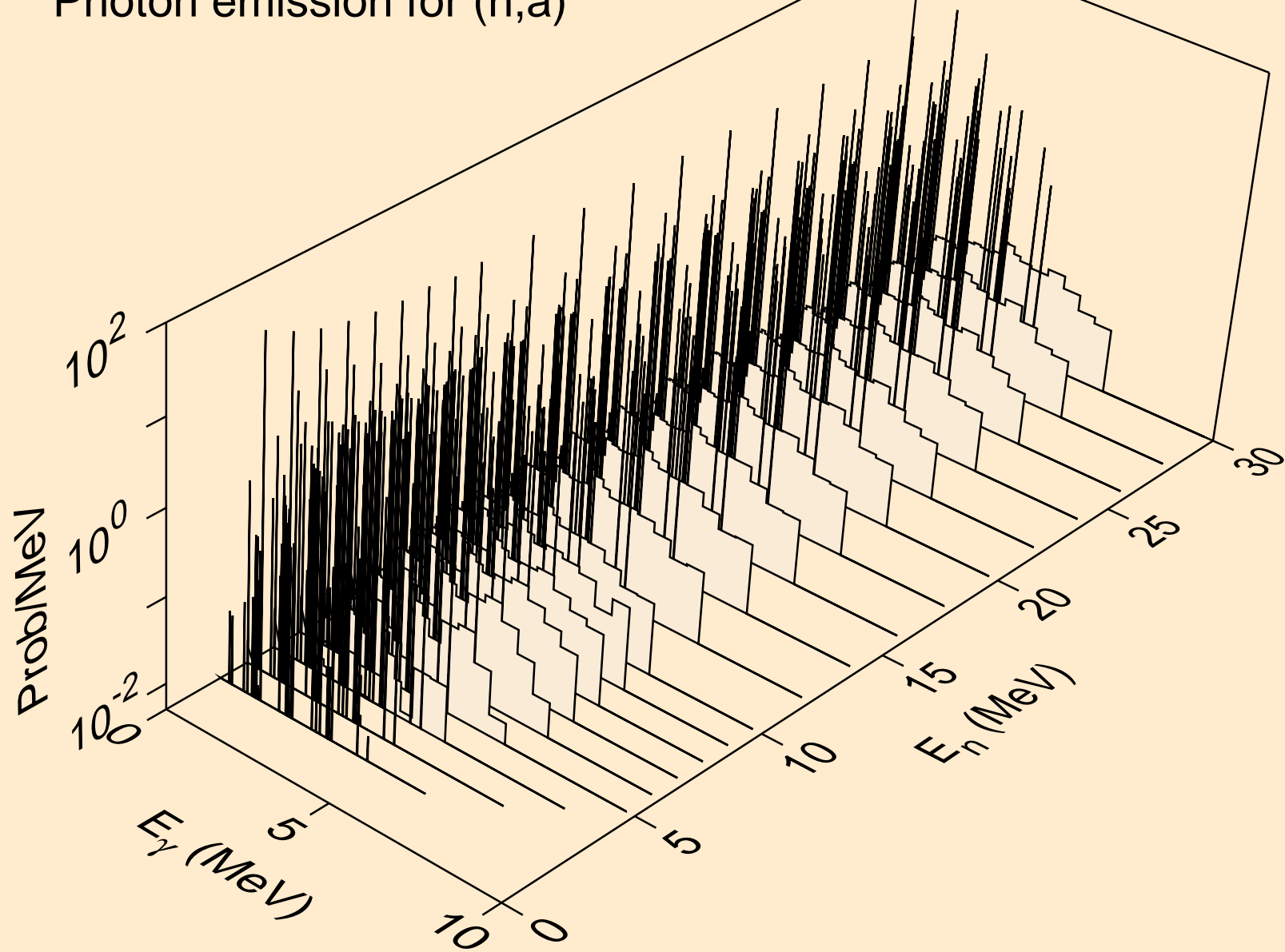
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

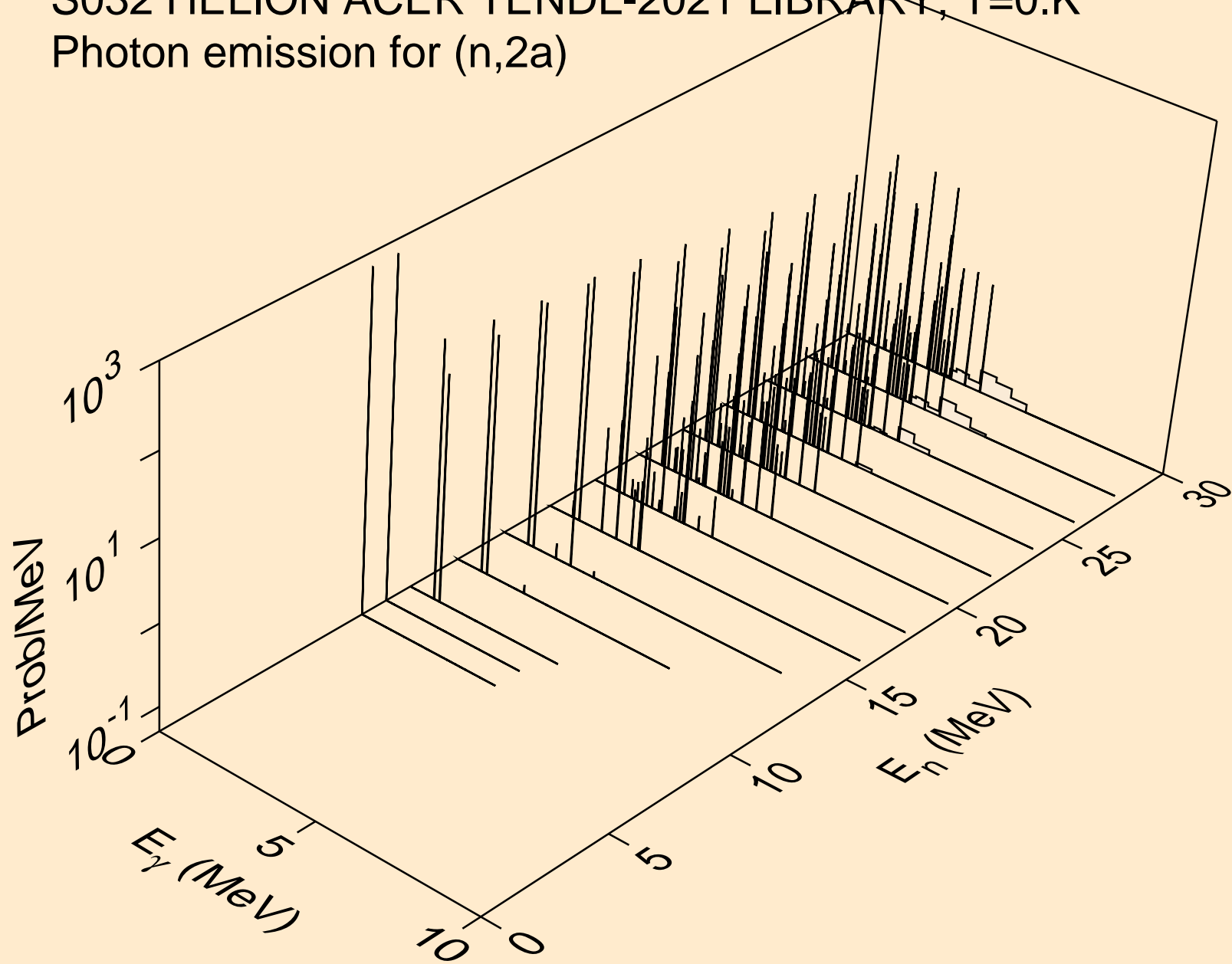


S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

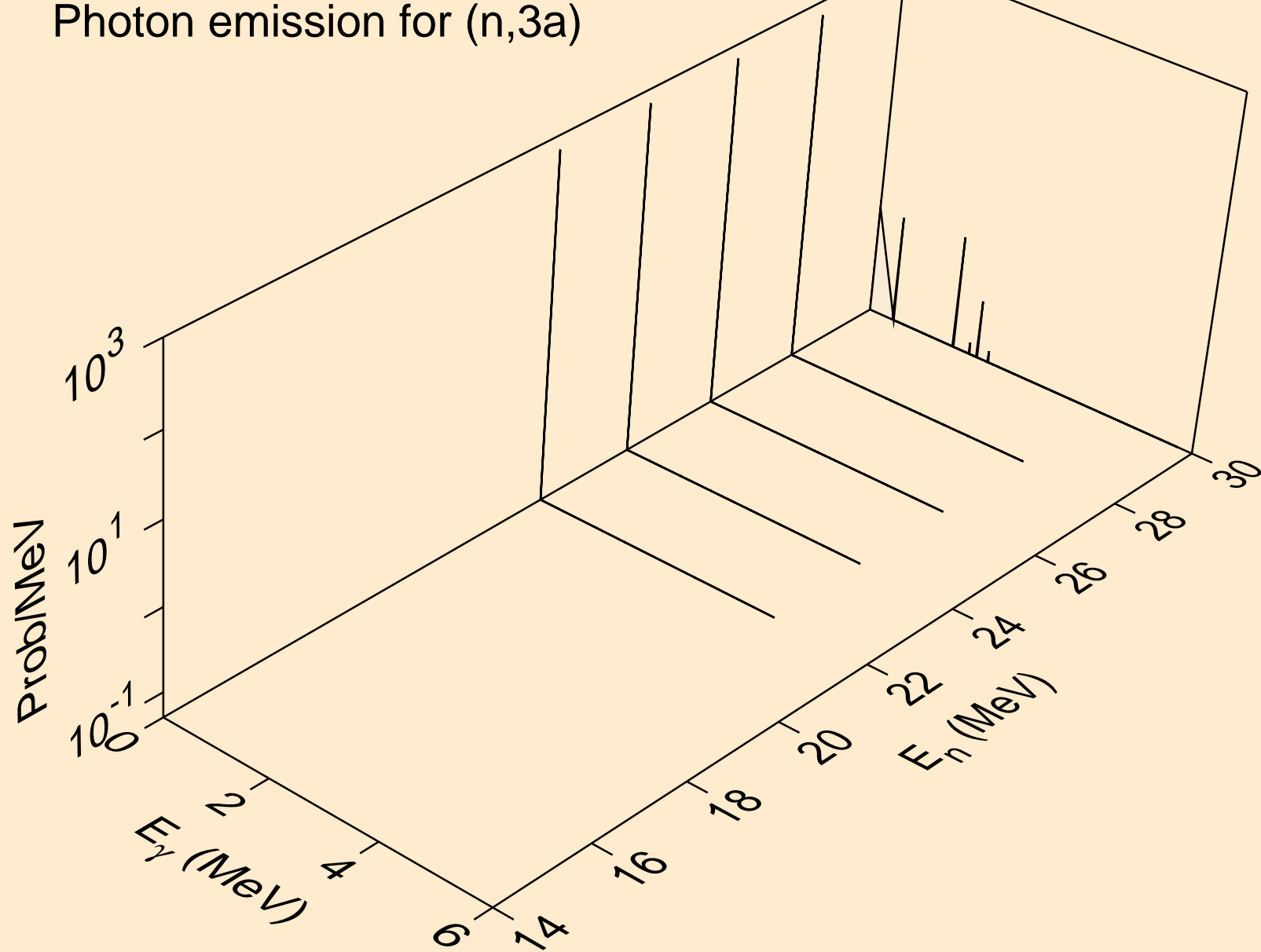




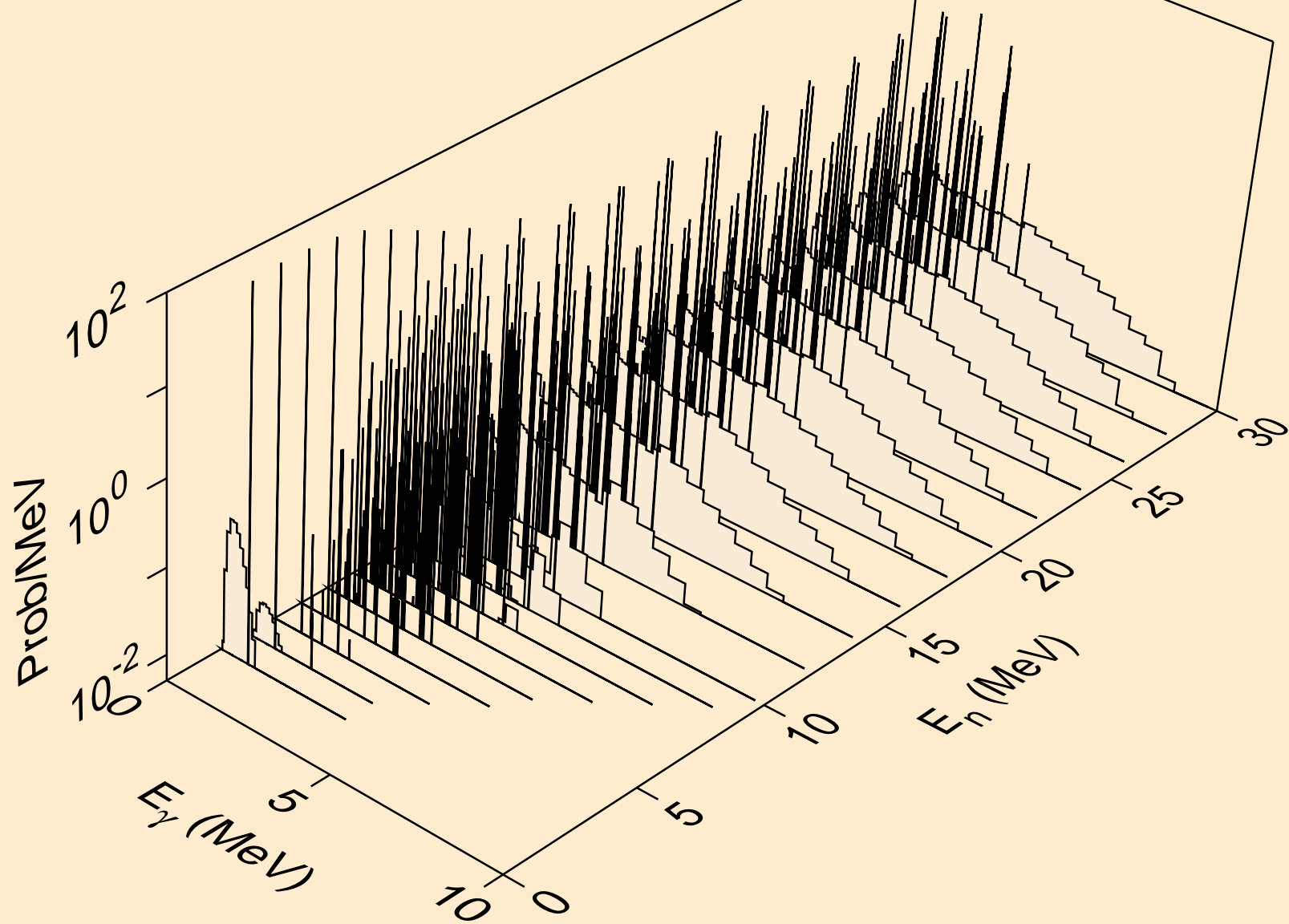
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Photon emission for (n,2a)



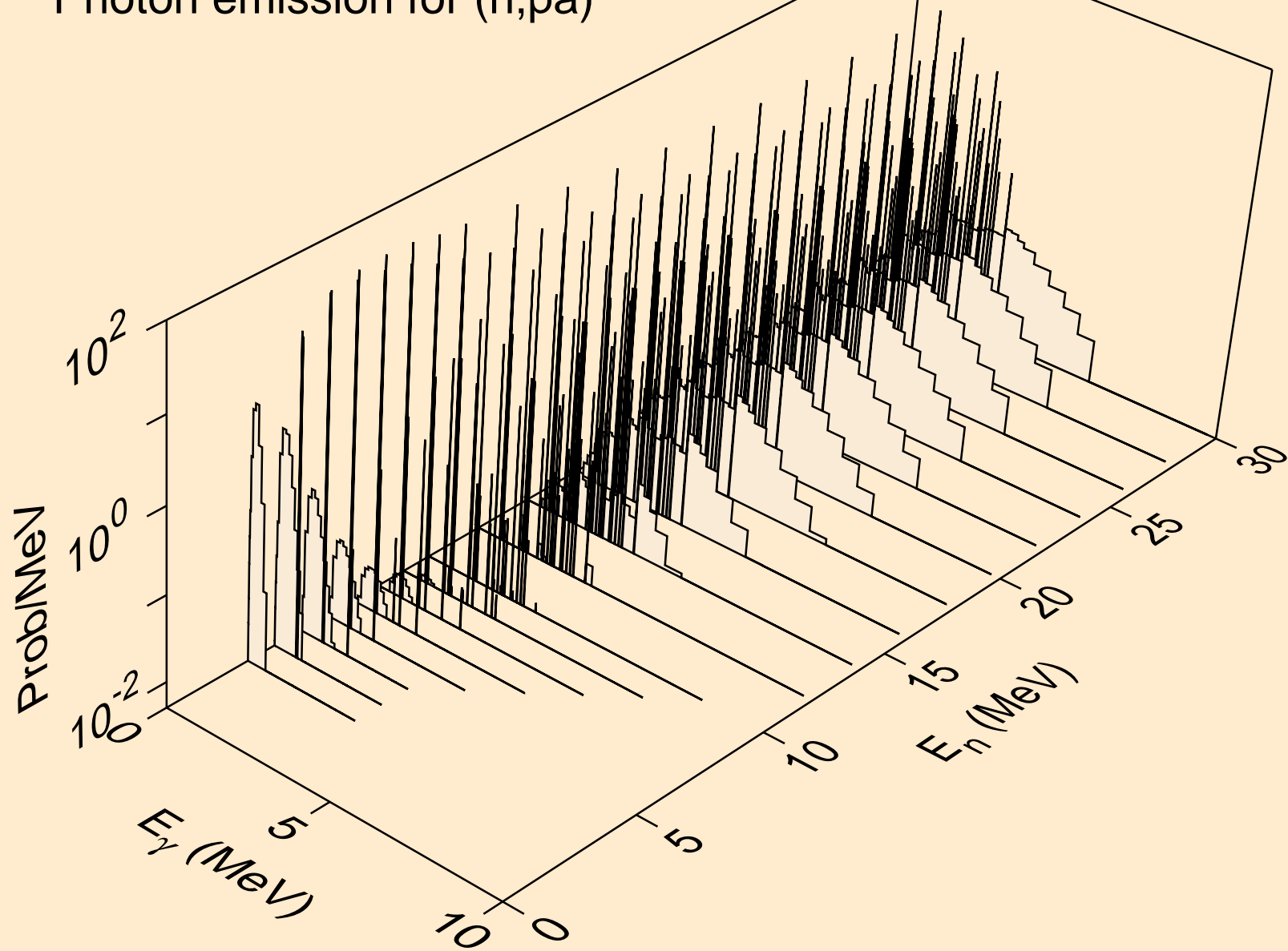
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3a)



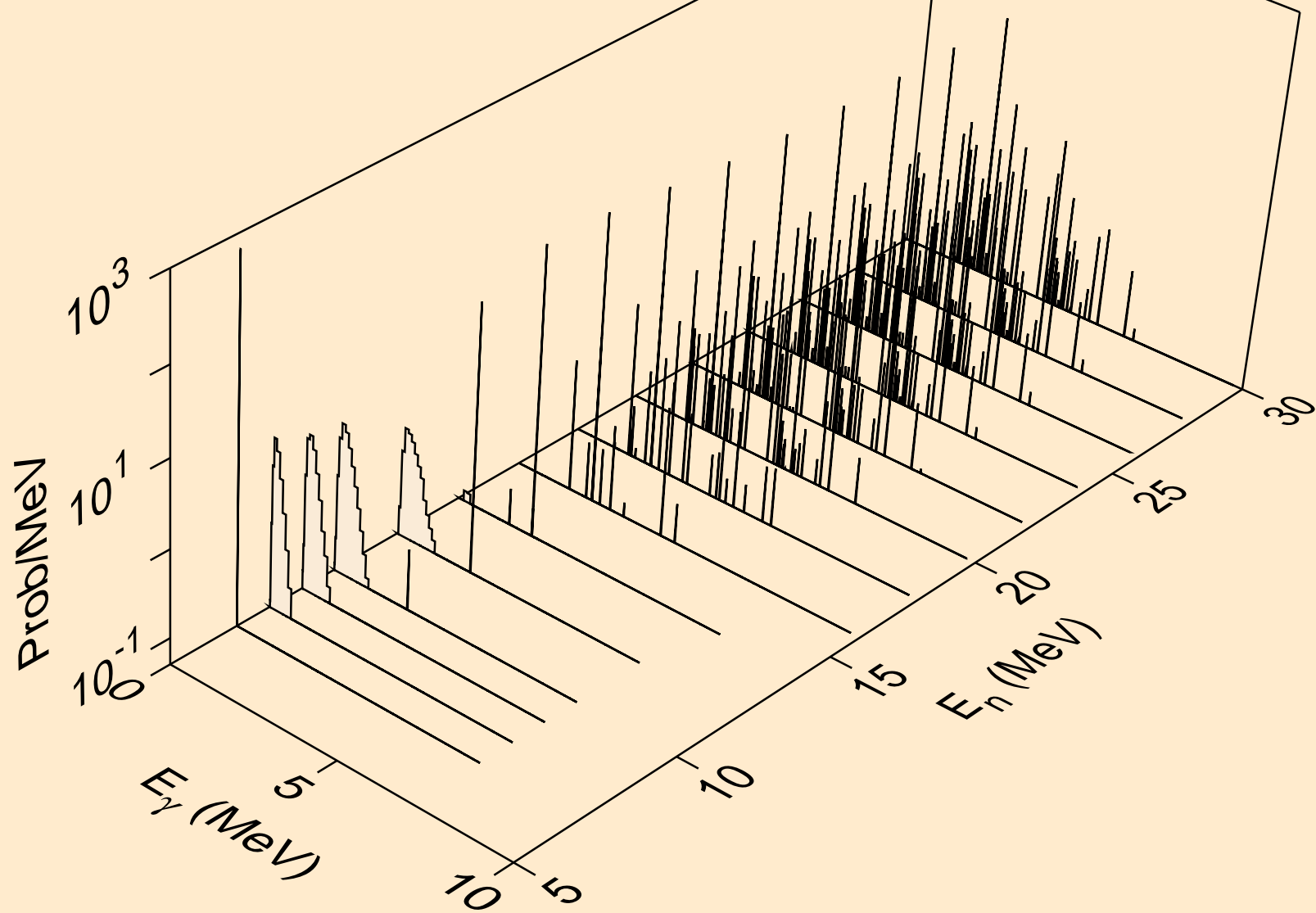
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



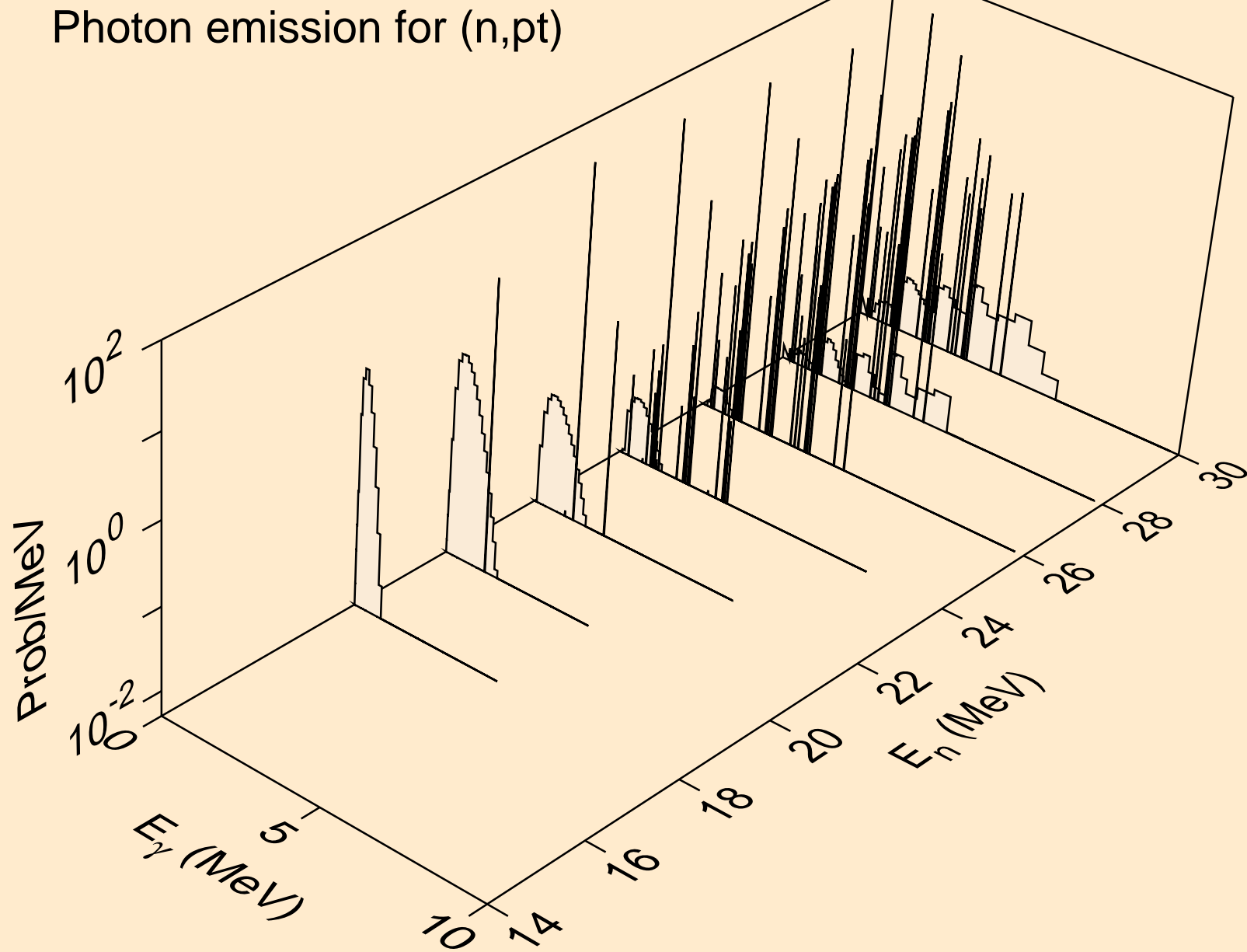
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Photon emission for (n,p $\alpha$ )



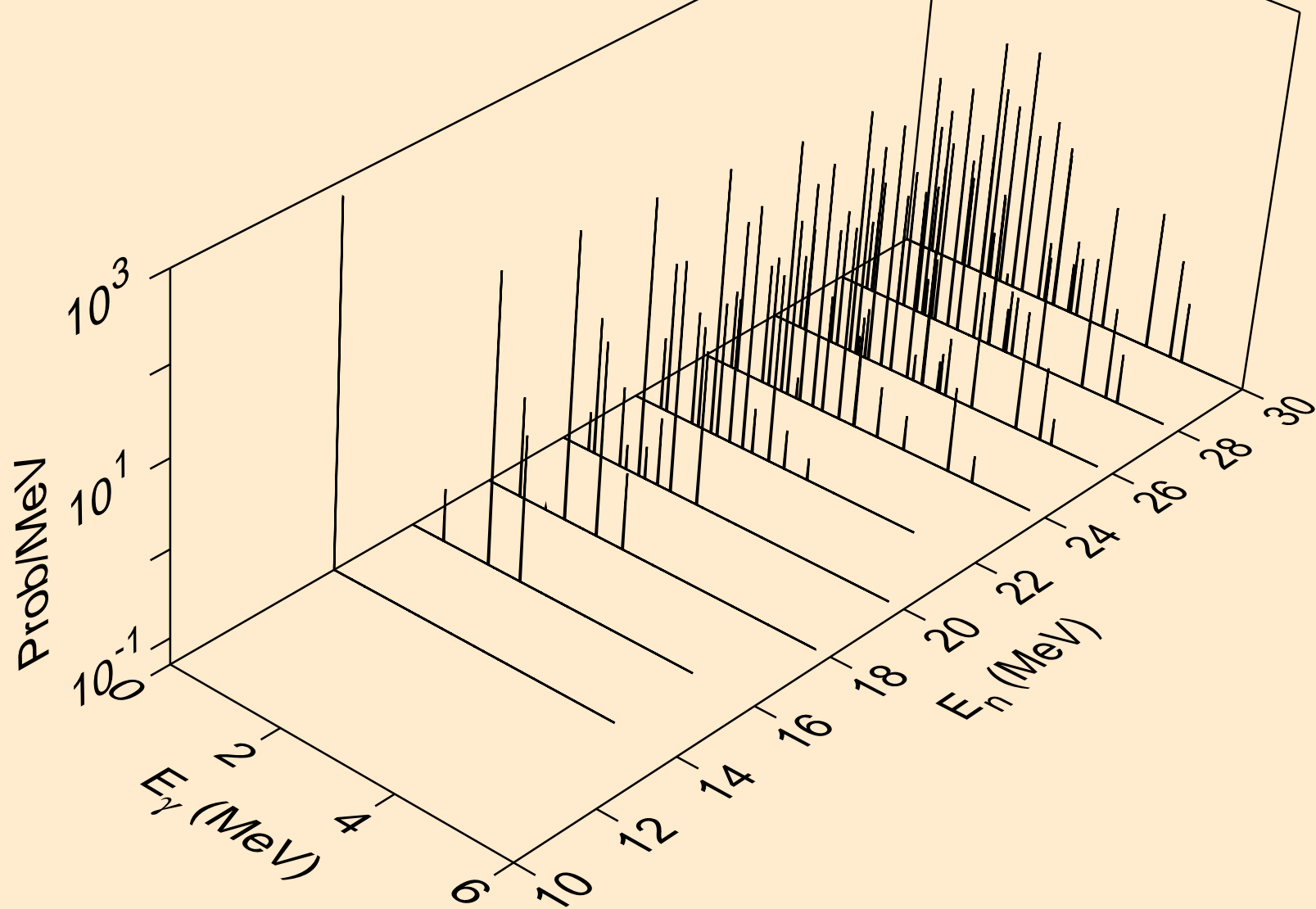
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



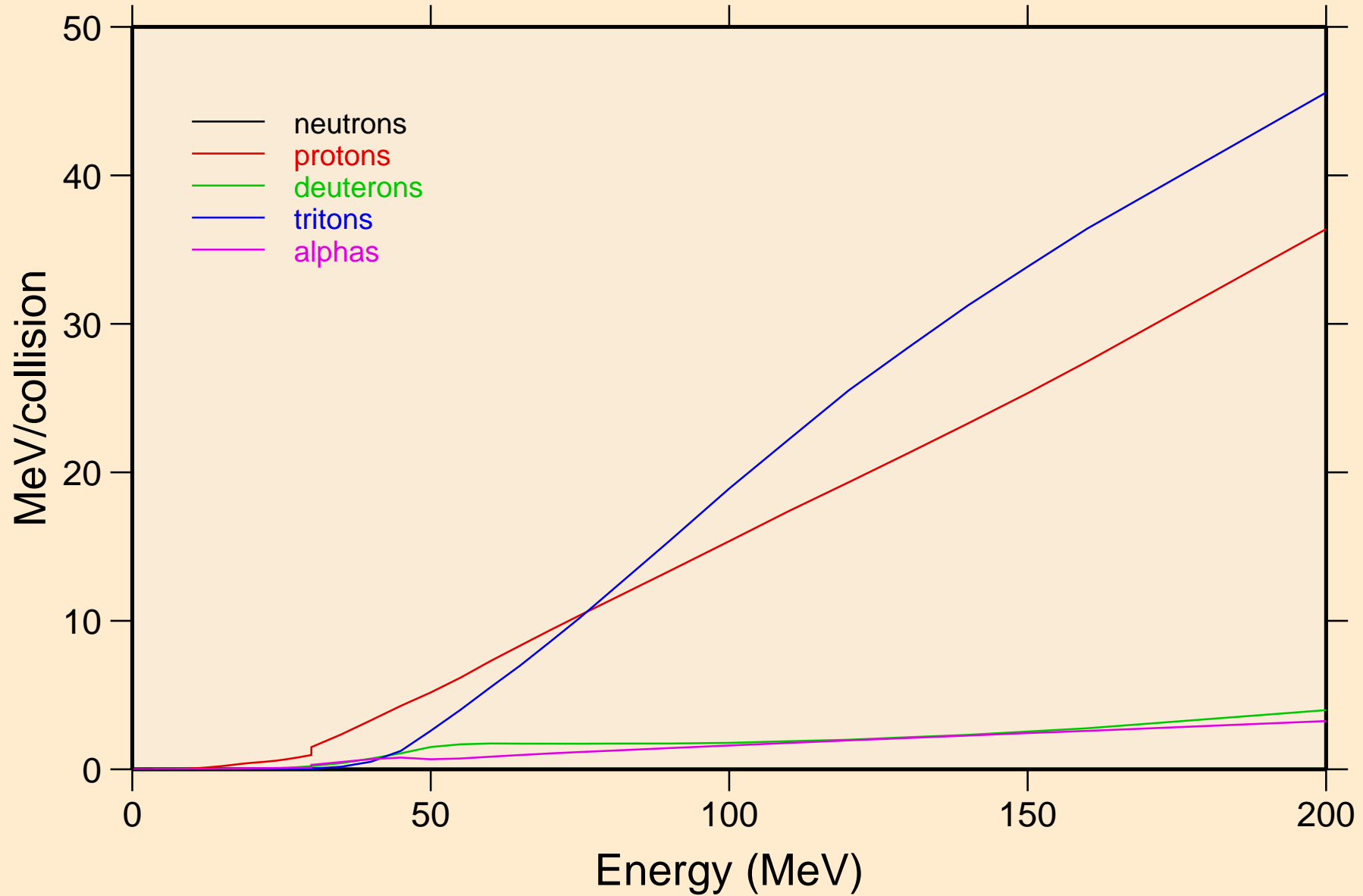
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



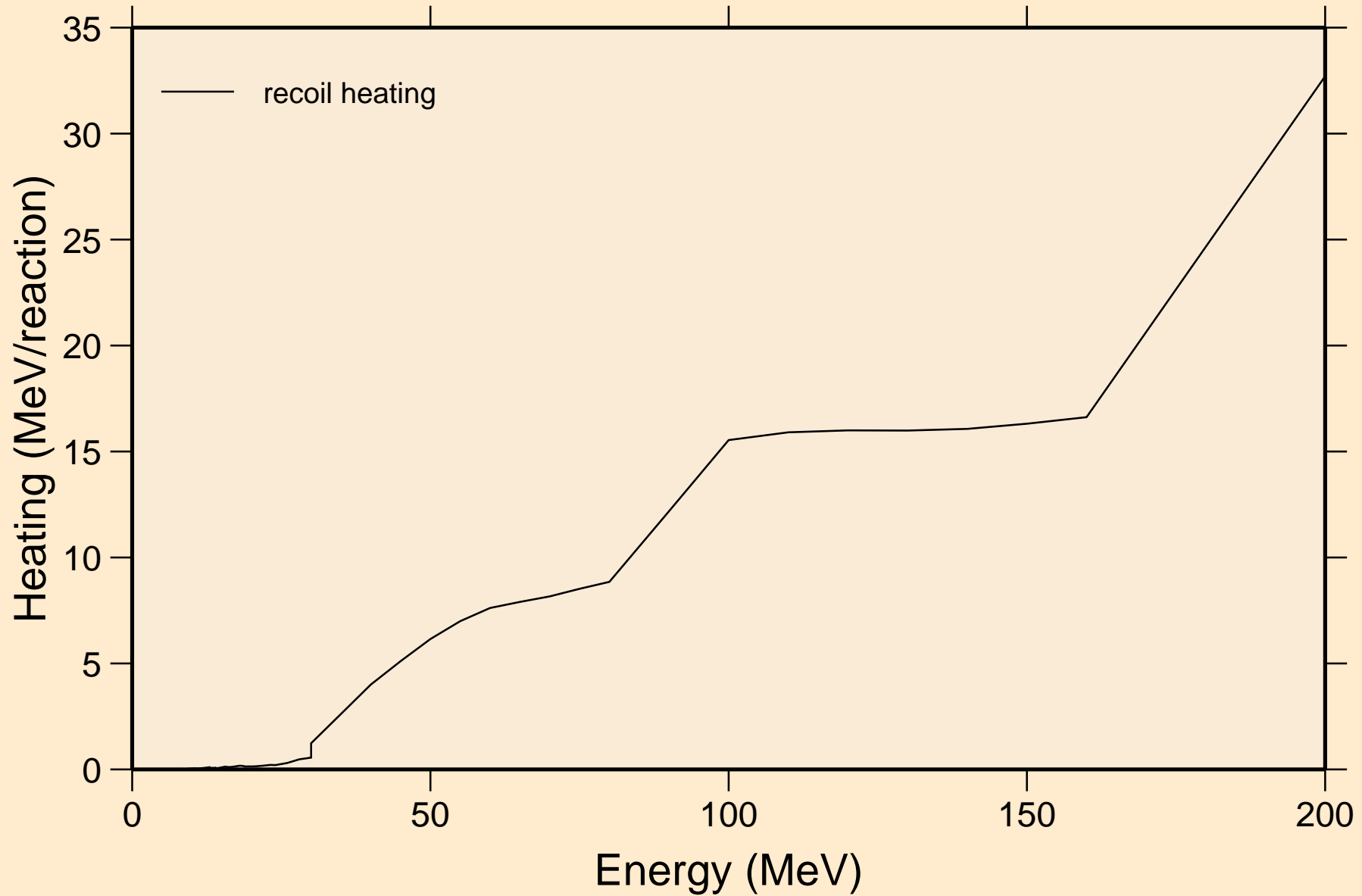
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions





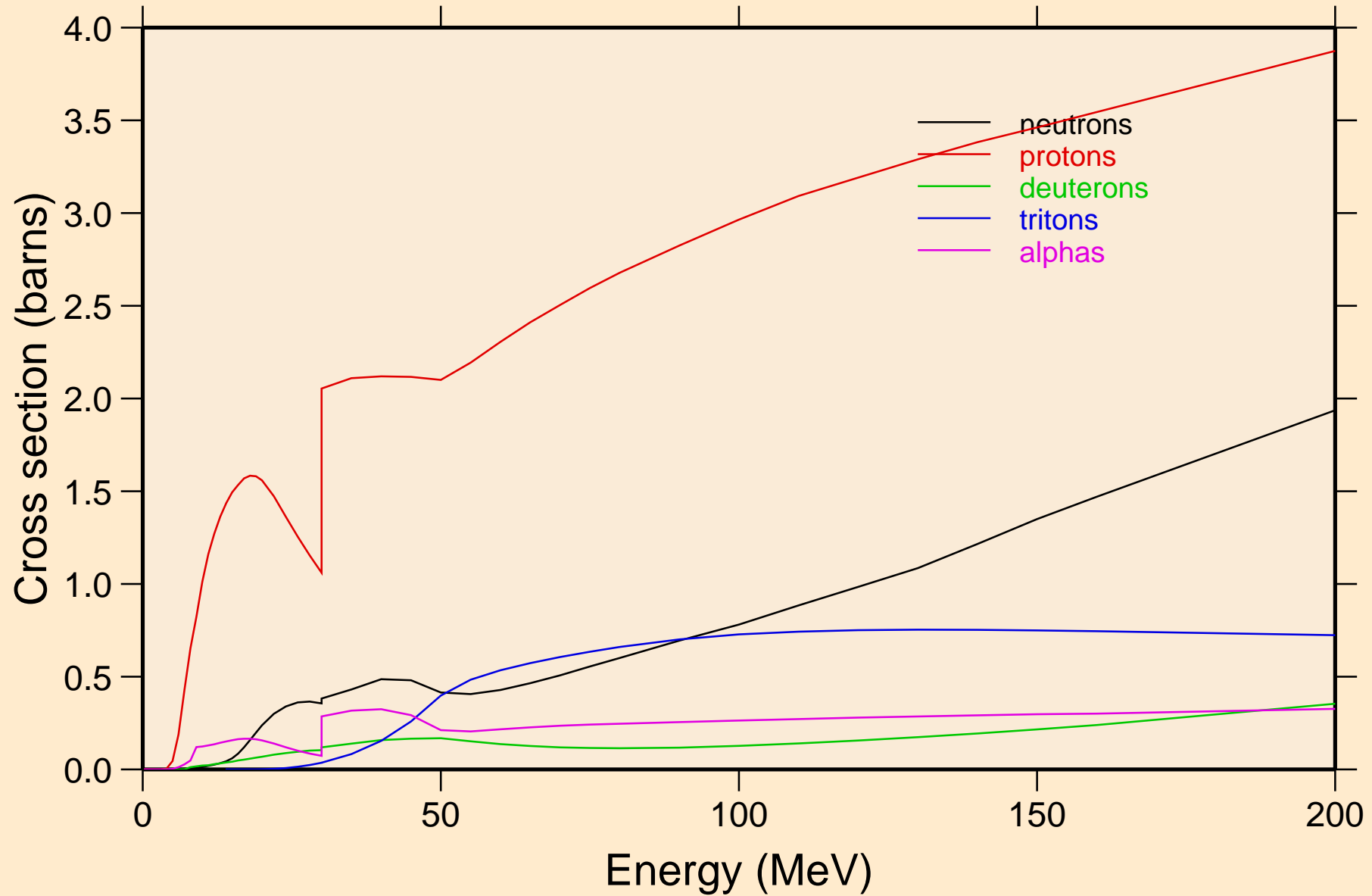
# S032 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Recoil Heating

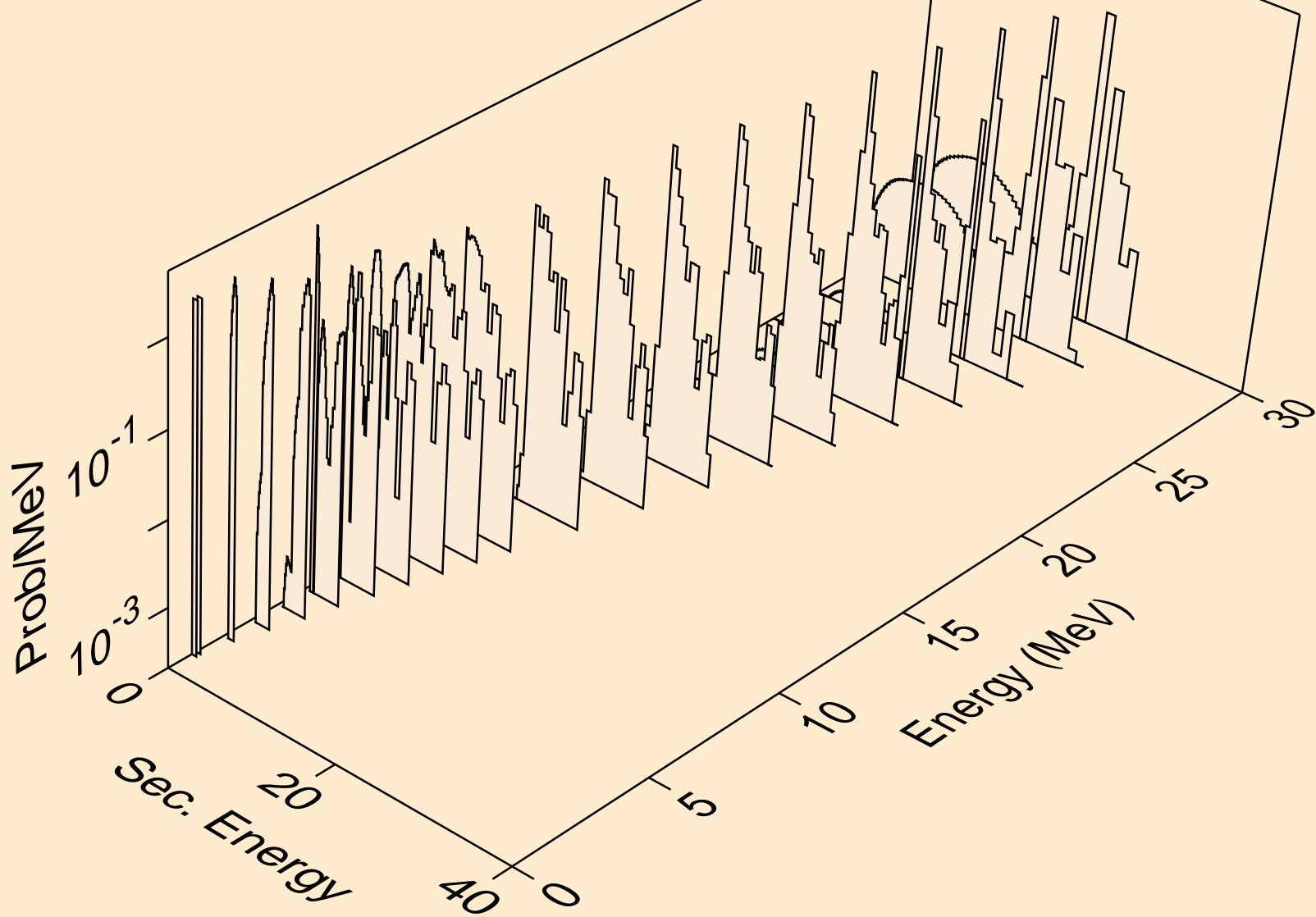


# S032 HELION ACER TENDL-2021 LIBRARY; T=0.K

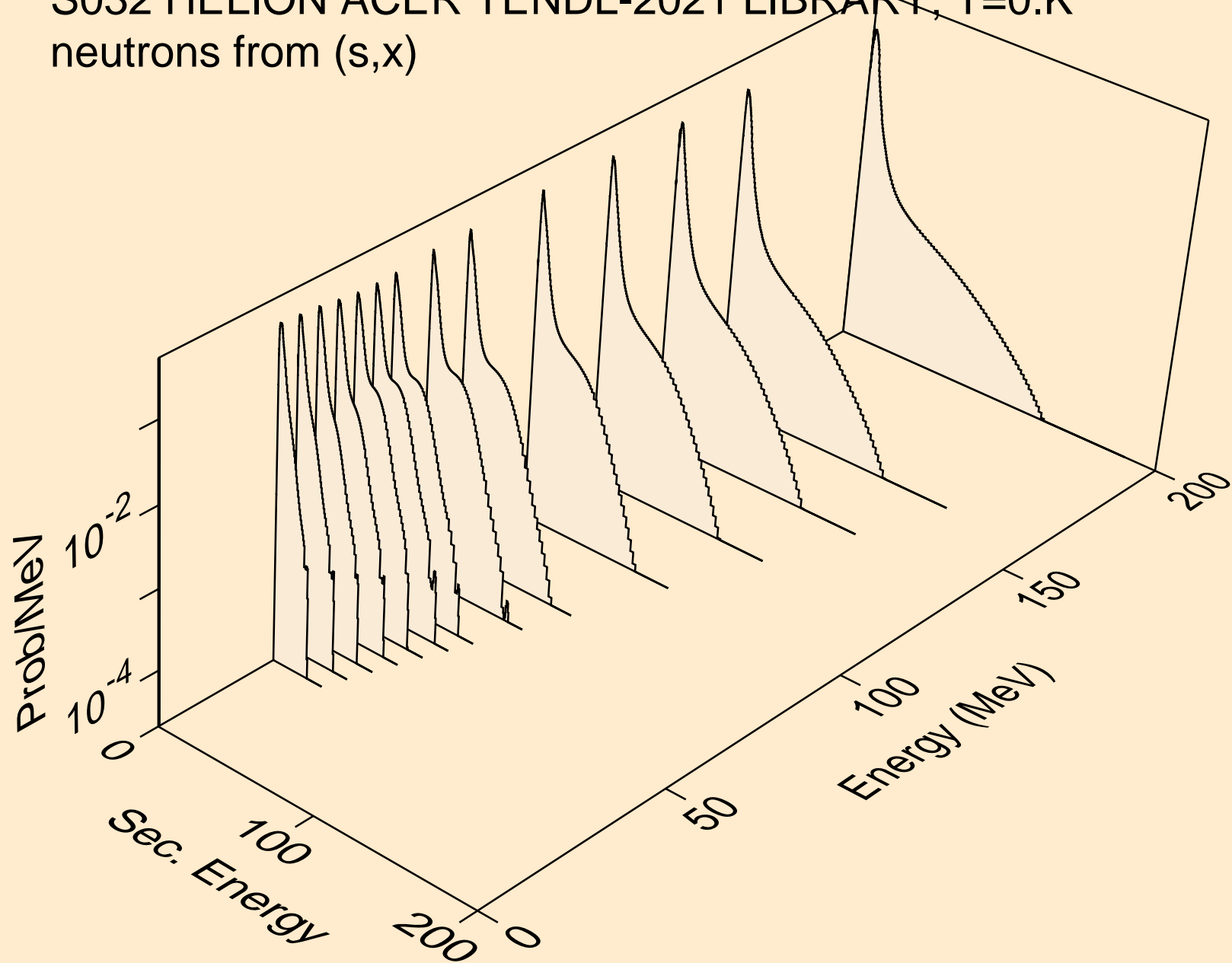
## Particle production cross sections



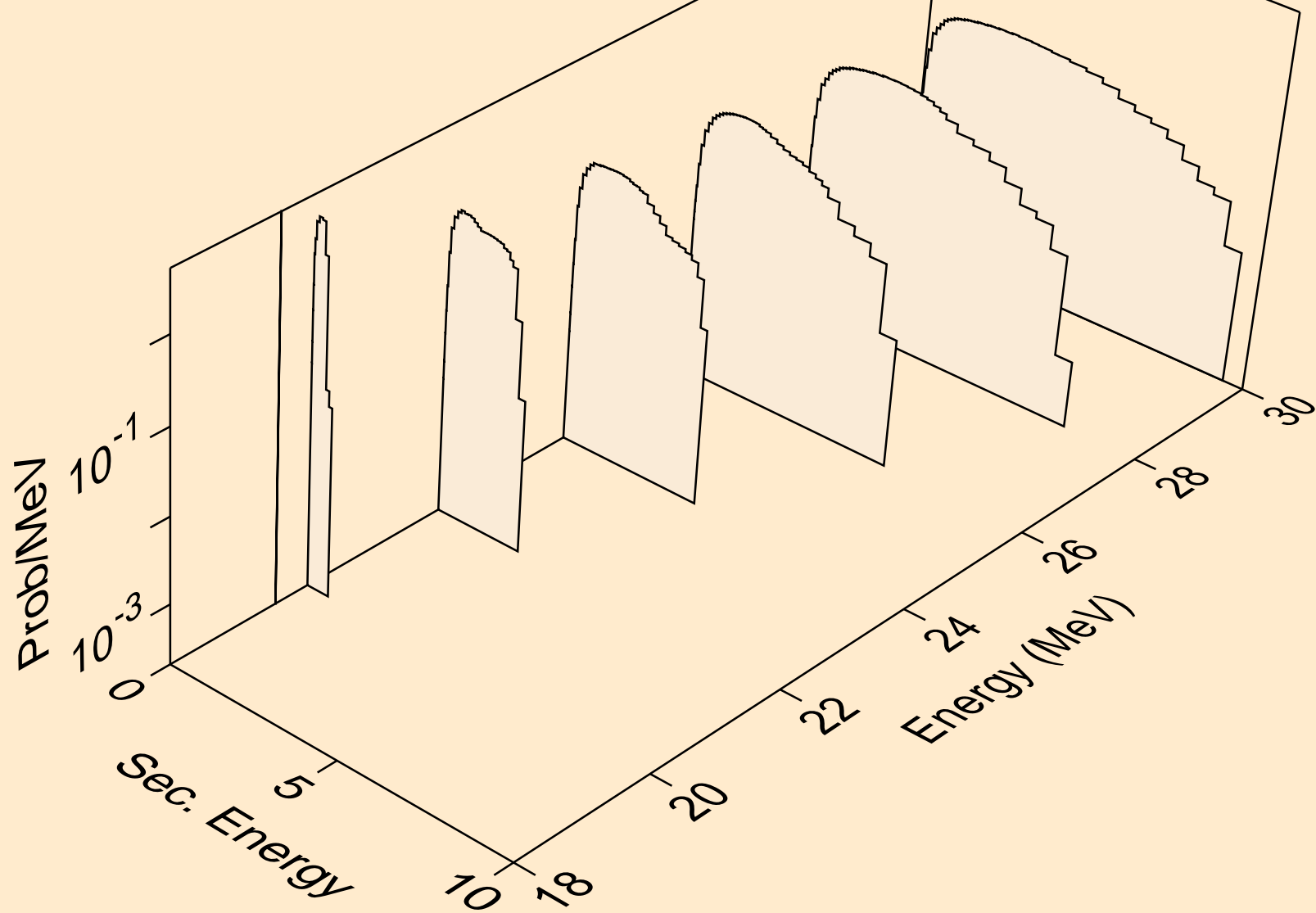
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)



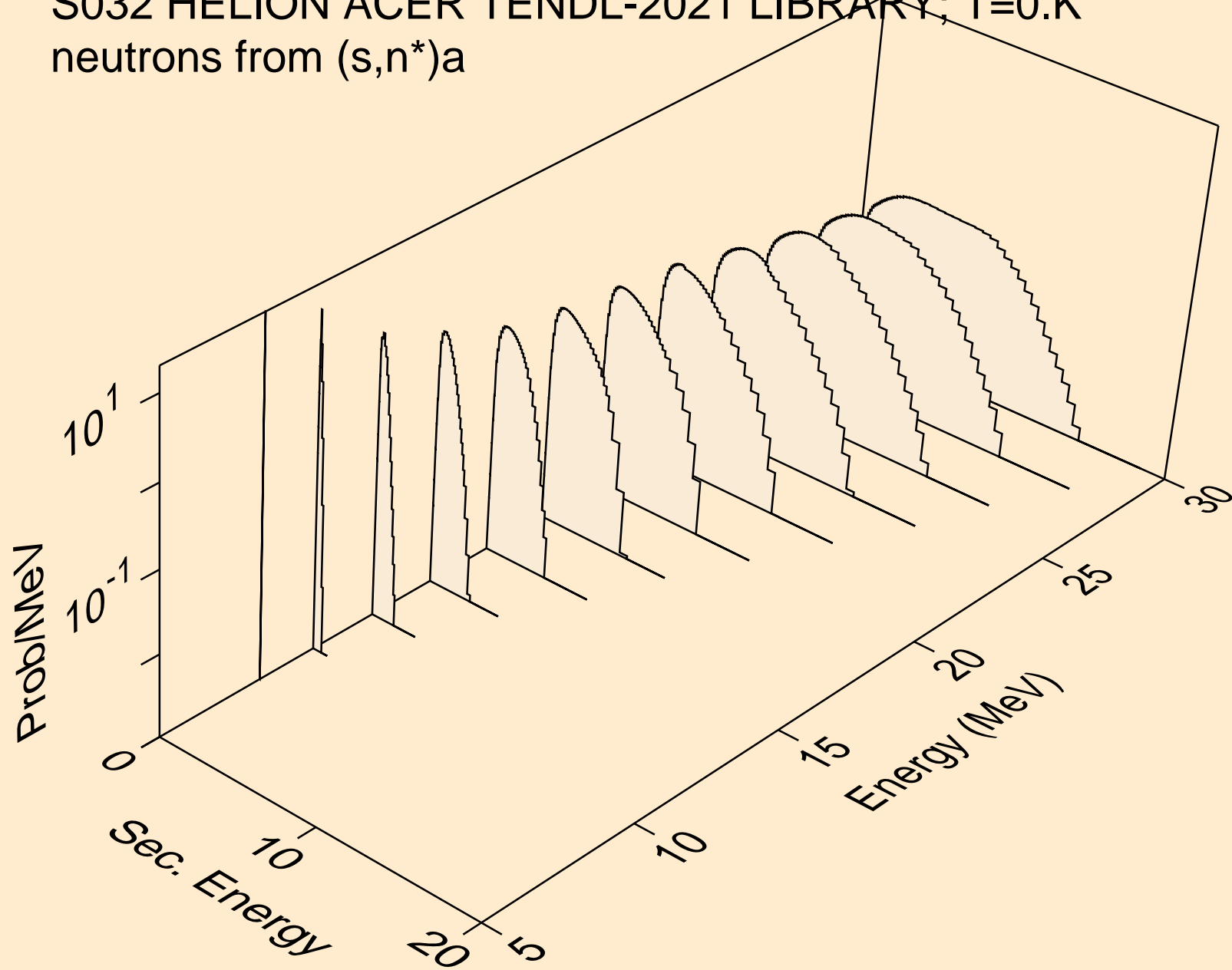
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)



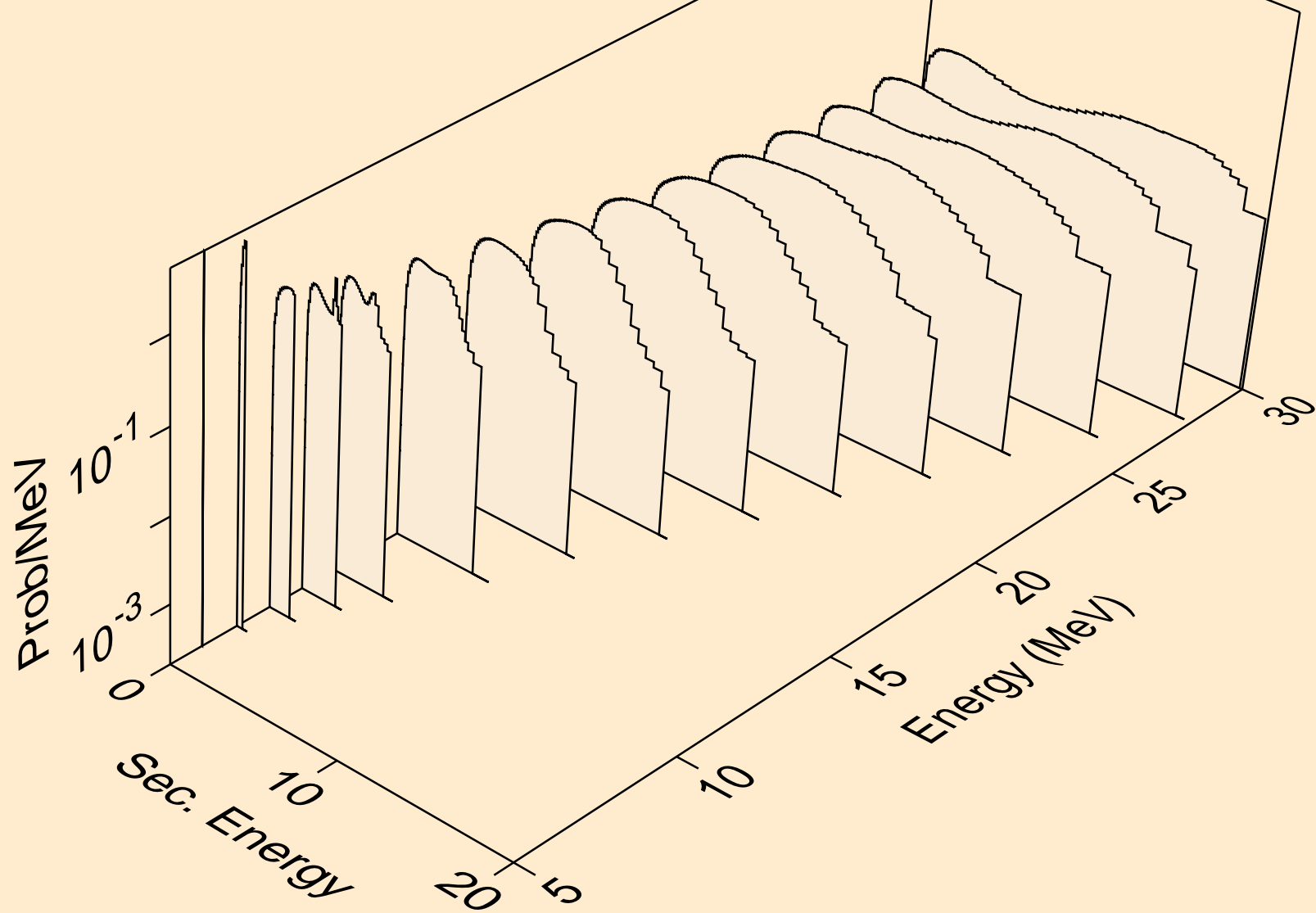
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neutrons from (s,2n)



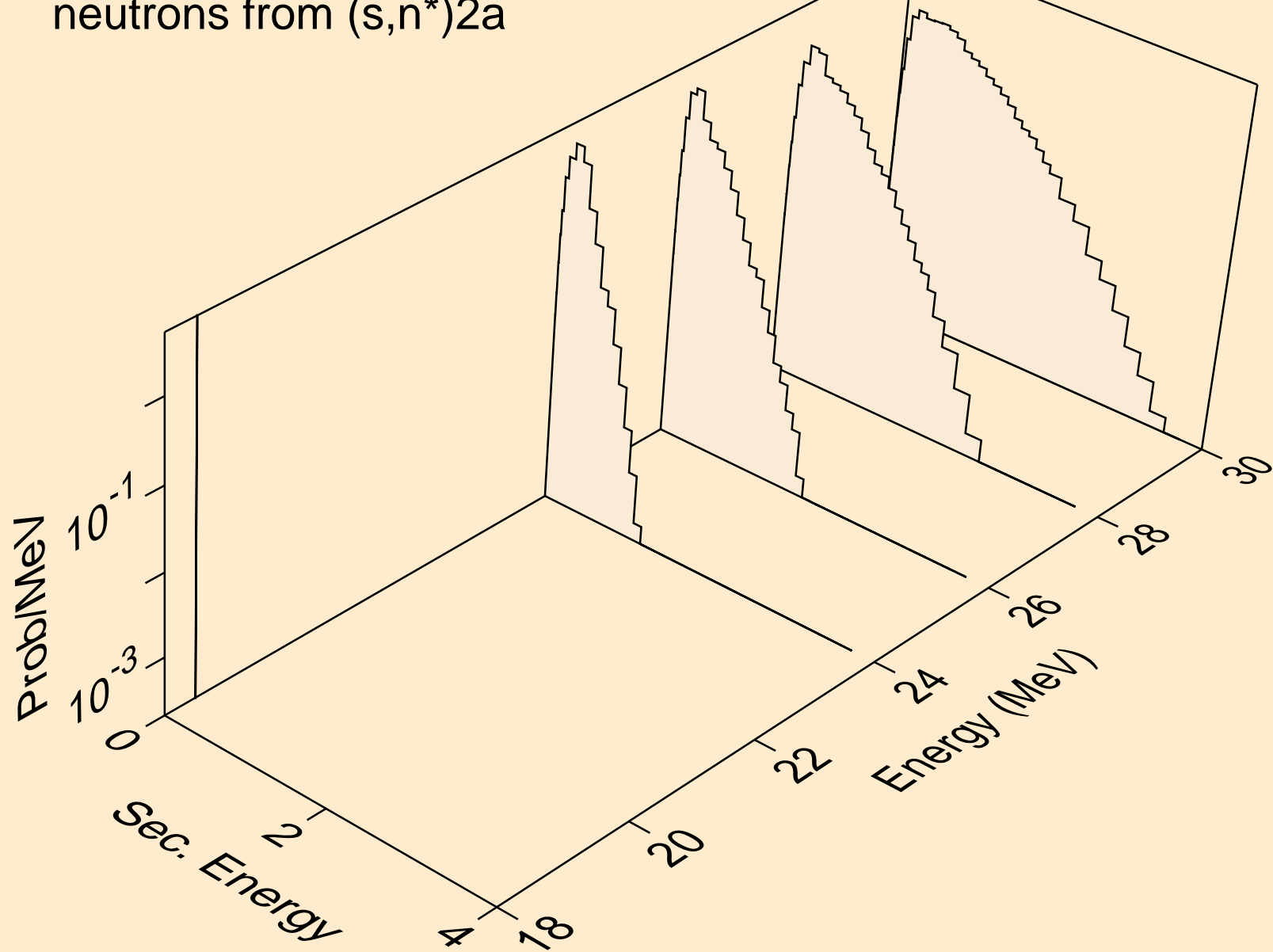
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p

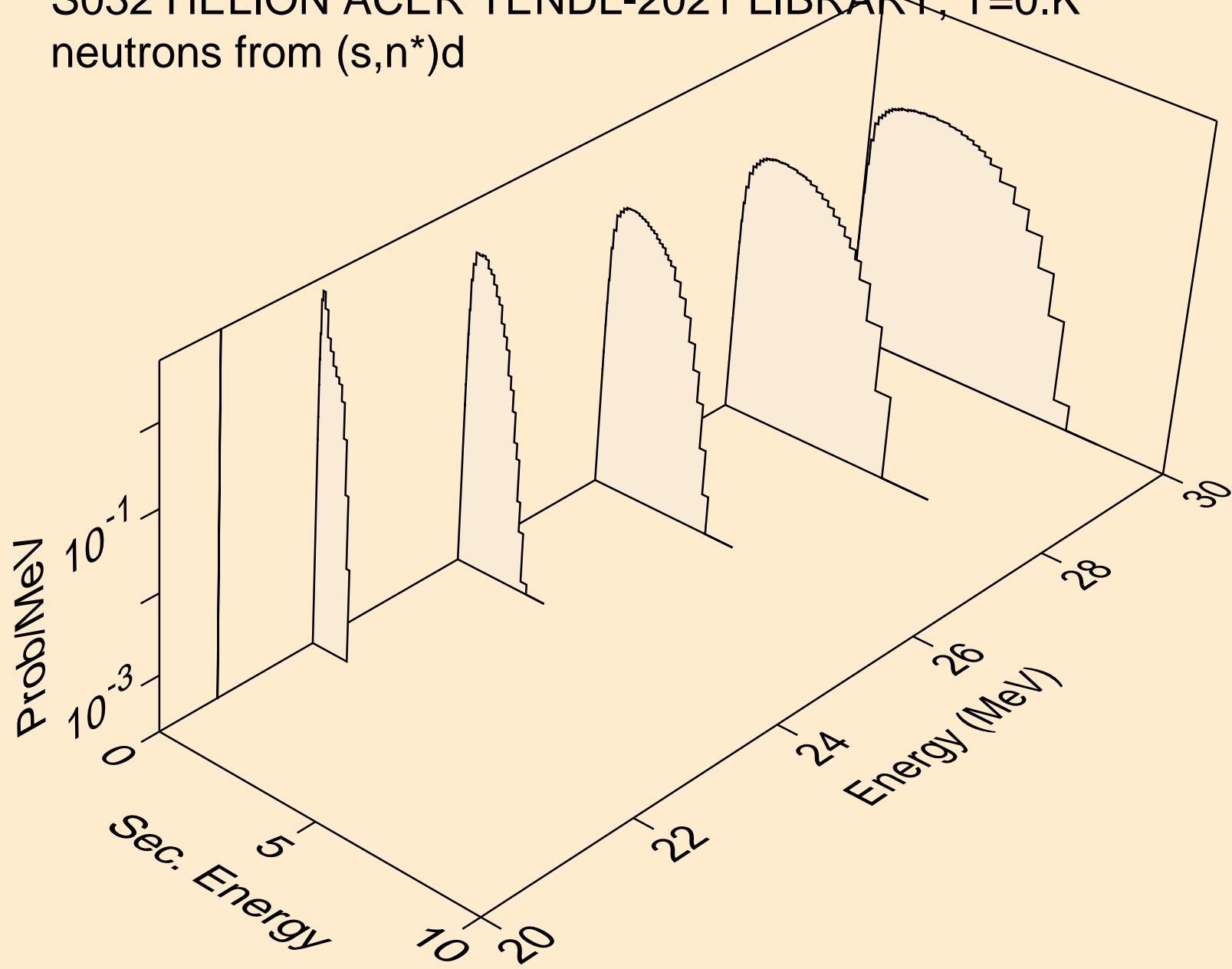


S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)2a

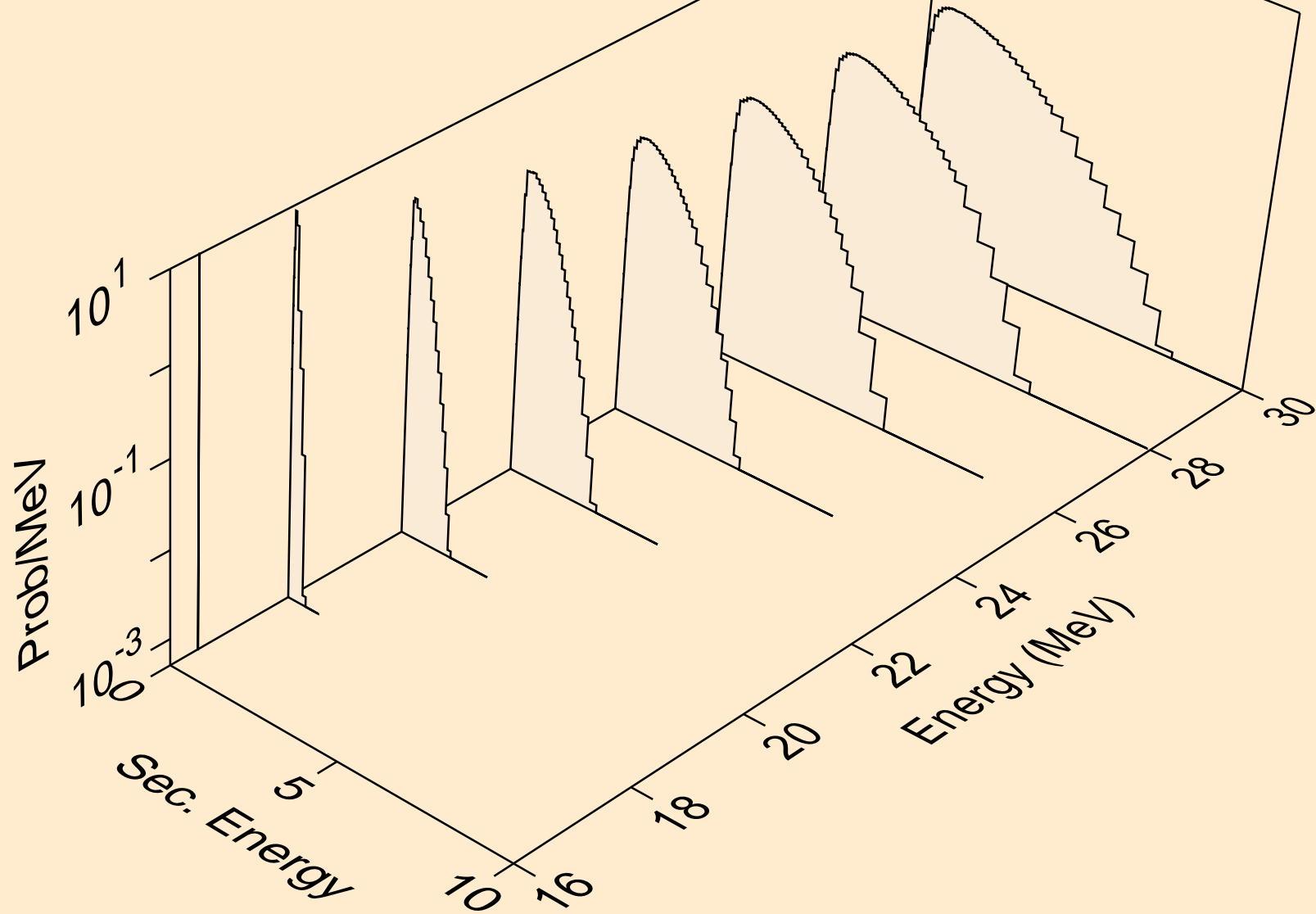




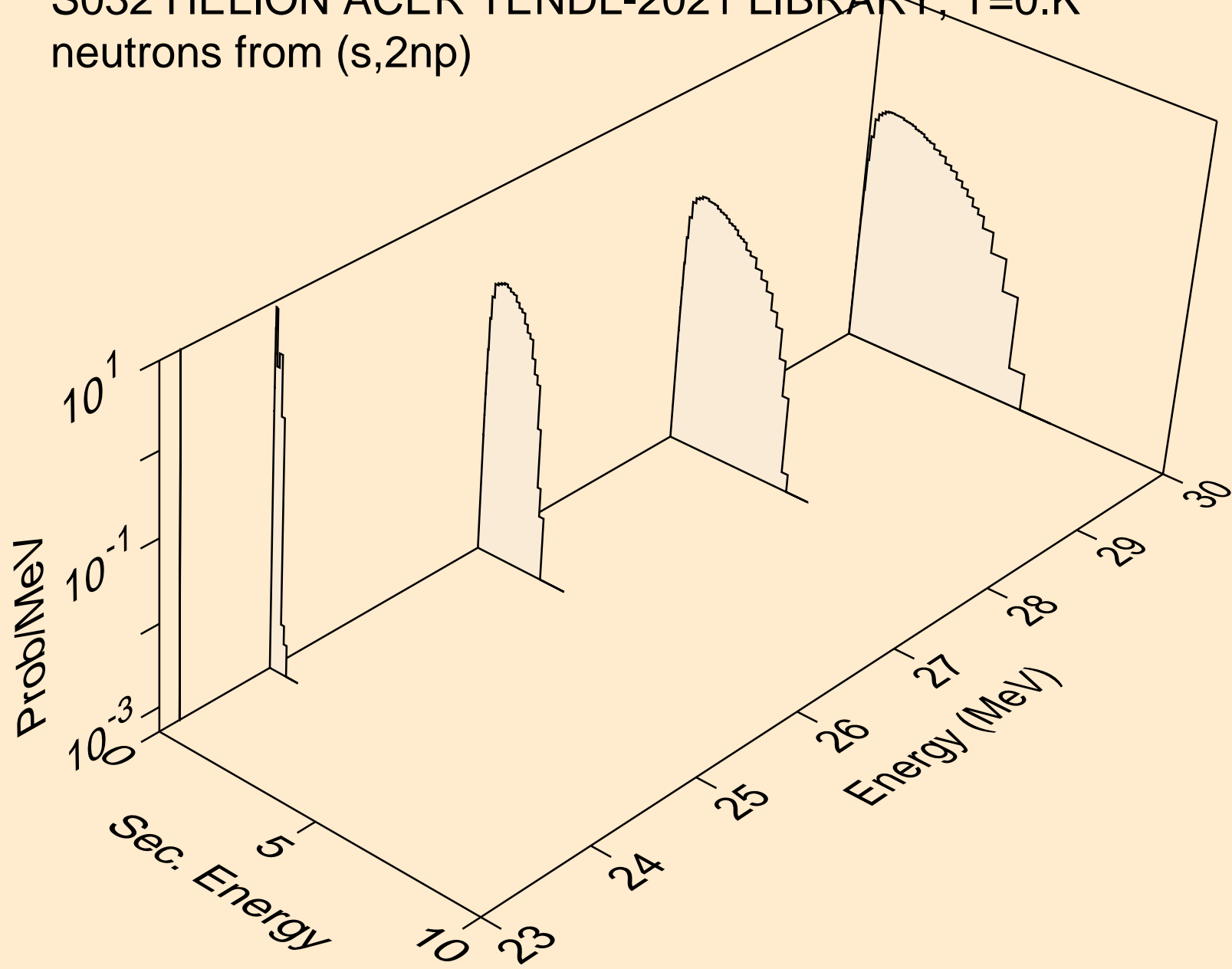
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)d



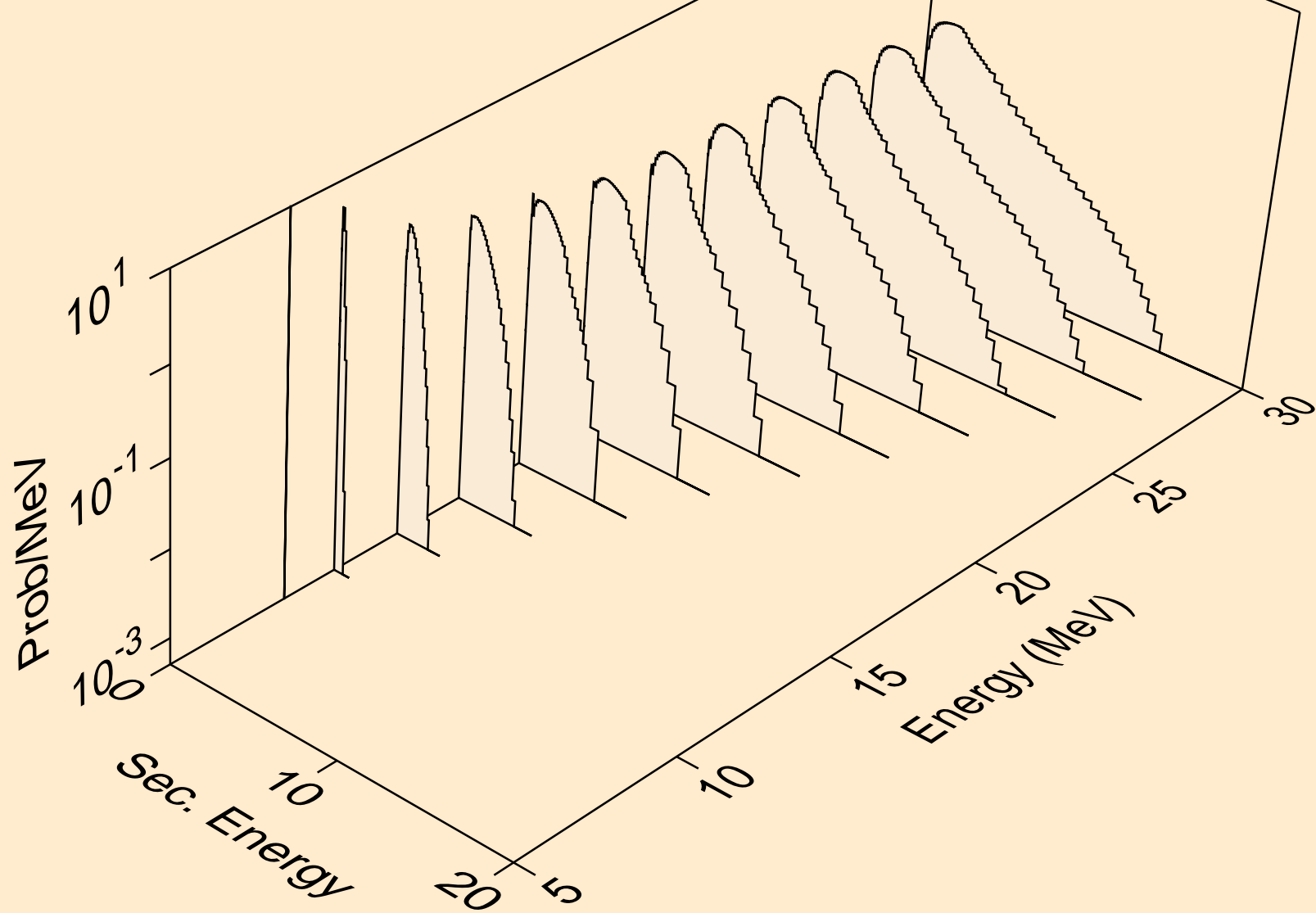
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



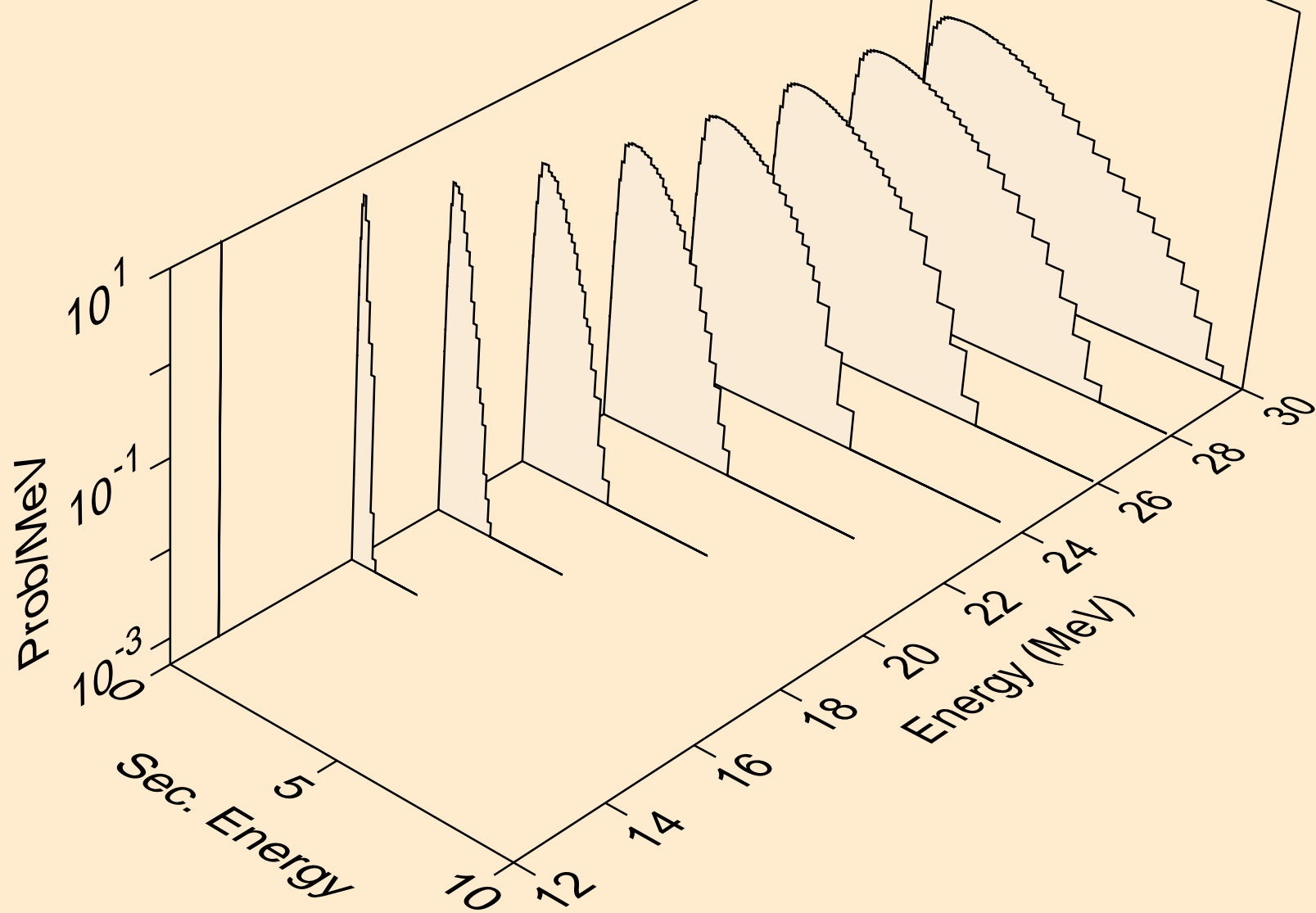
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



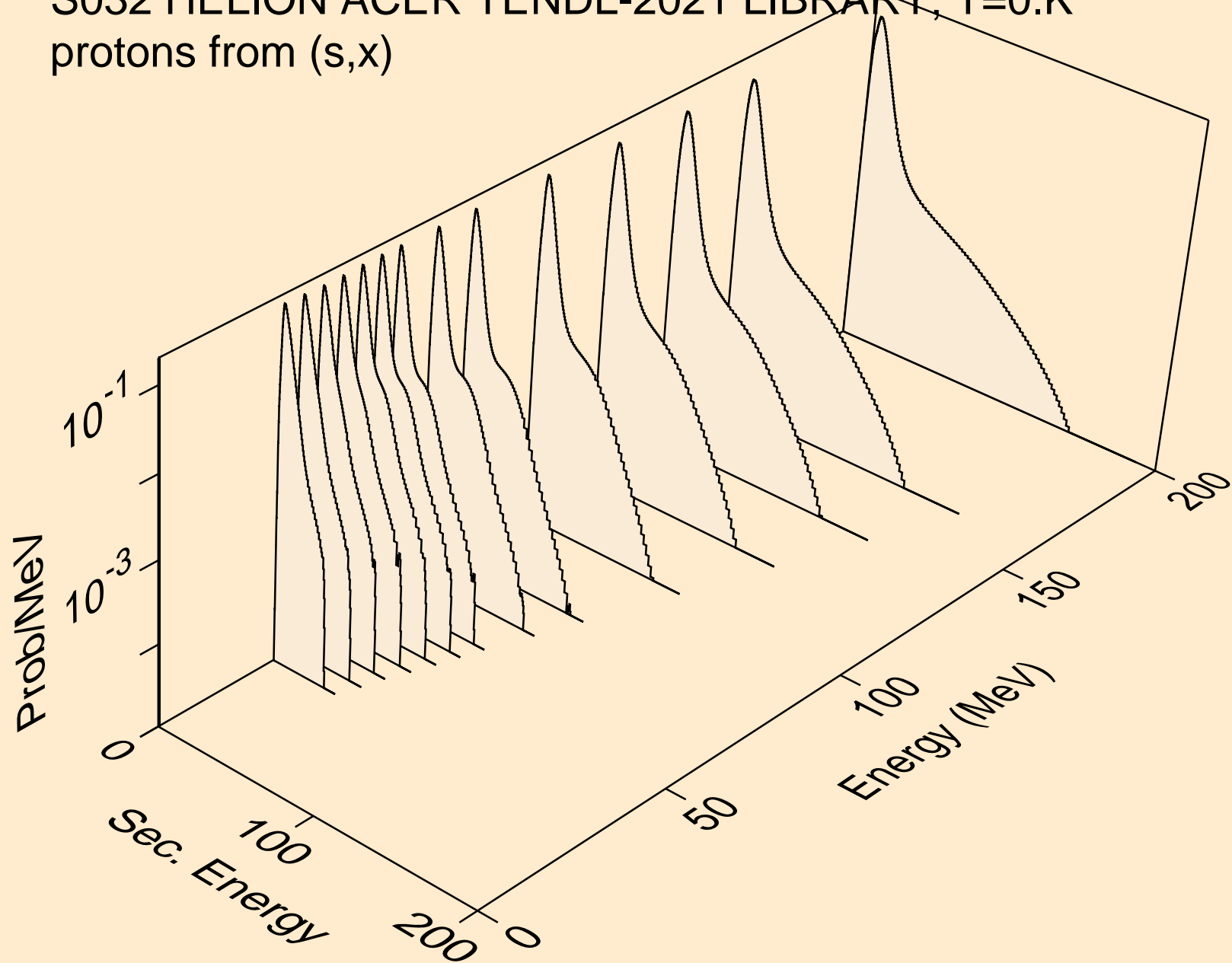
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neutrons from (s,2np)



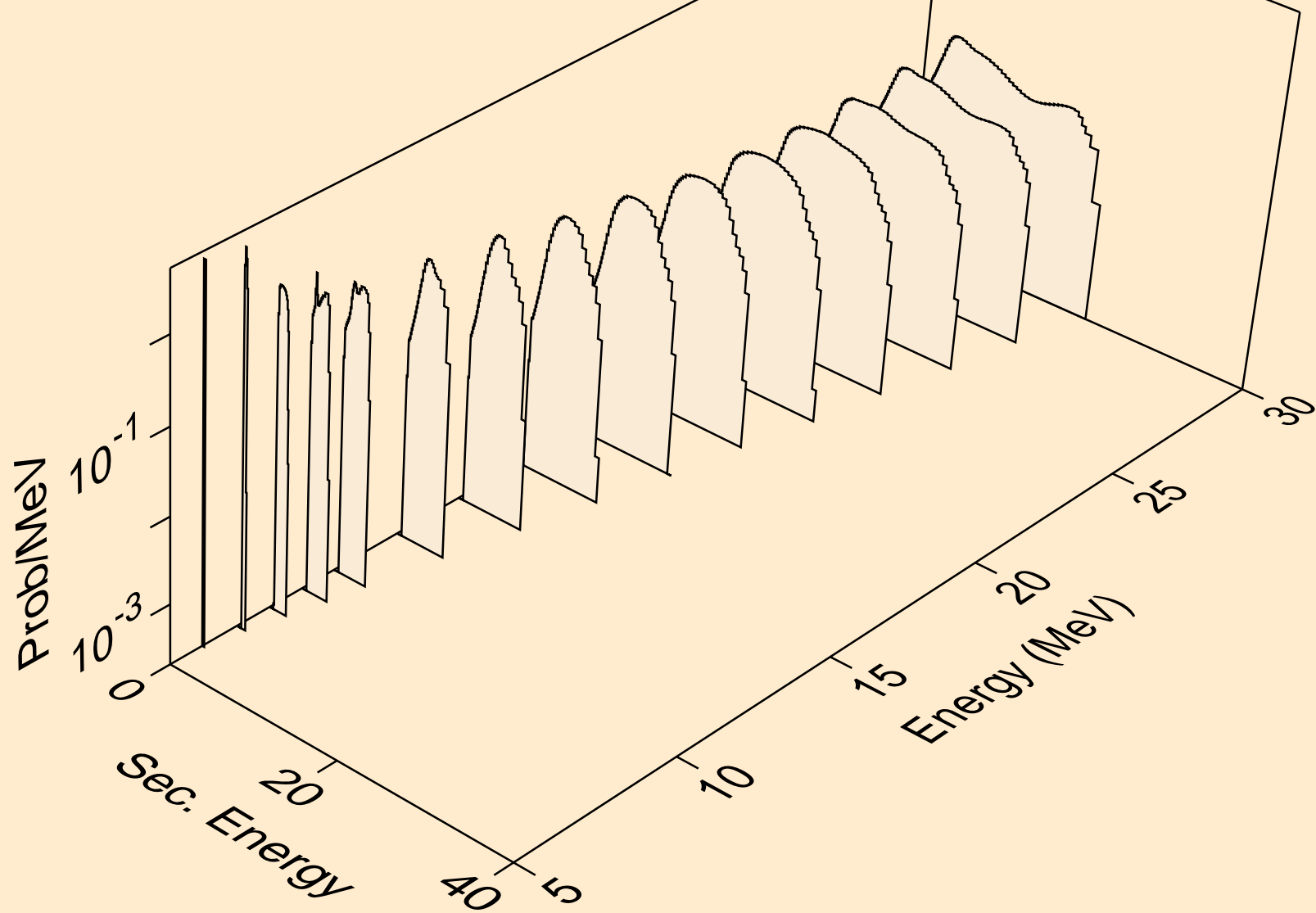
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)



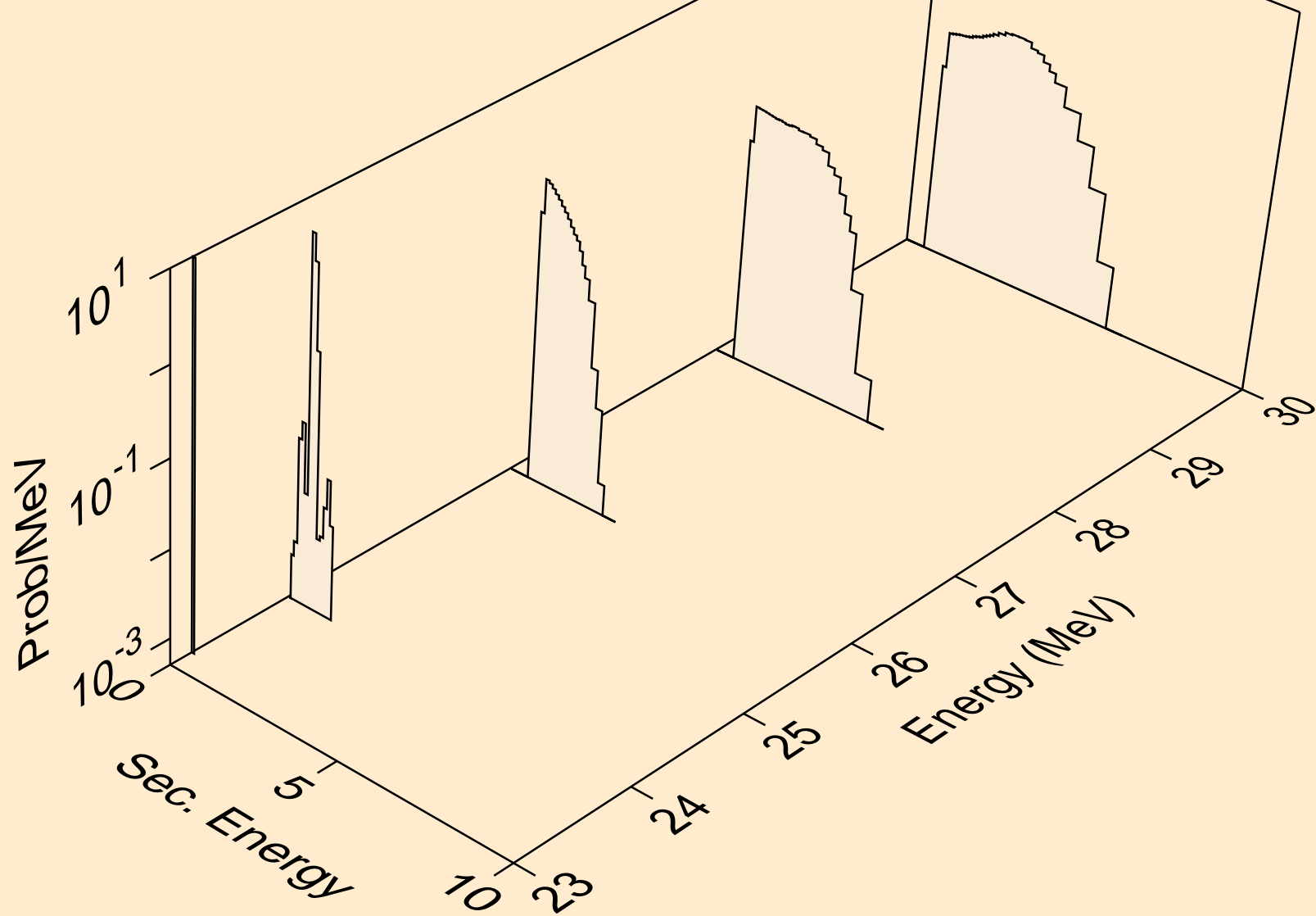
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,x)



S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p

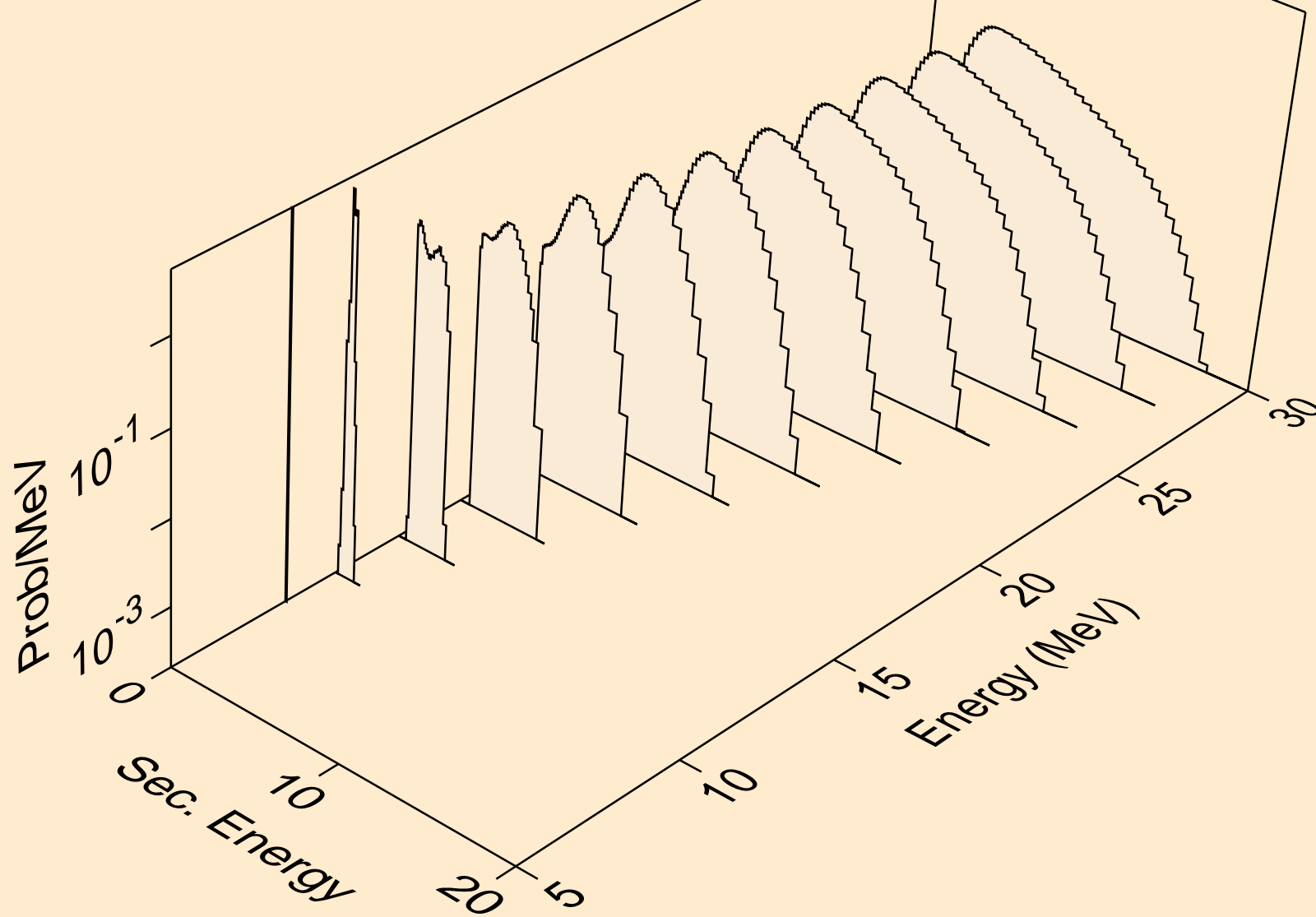


S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)

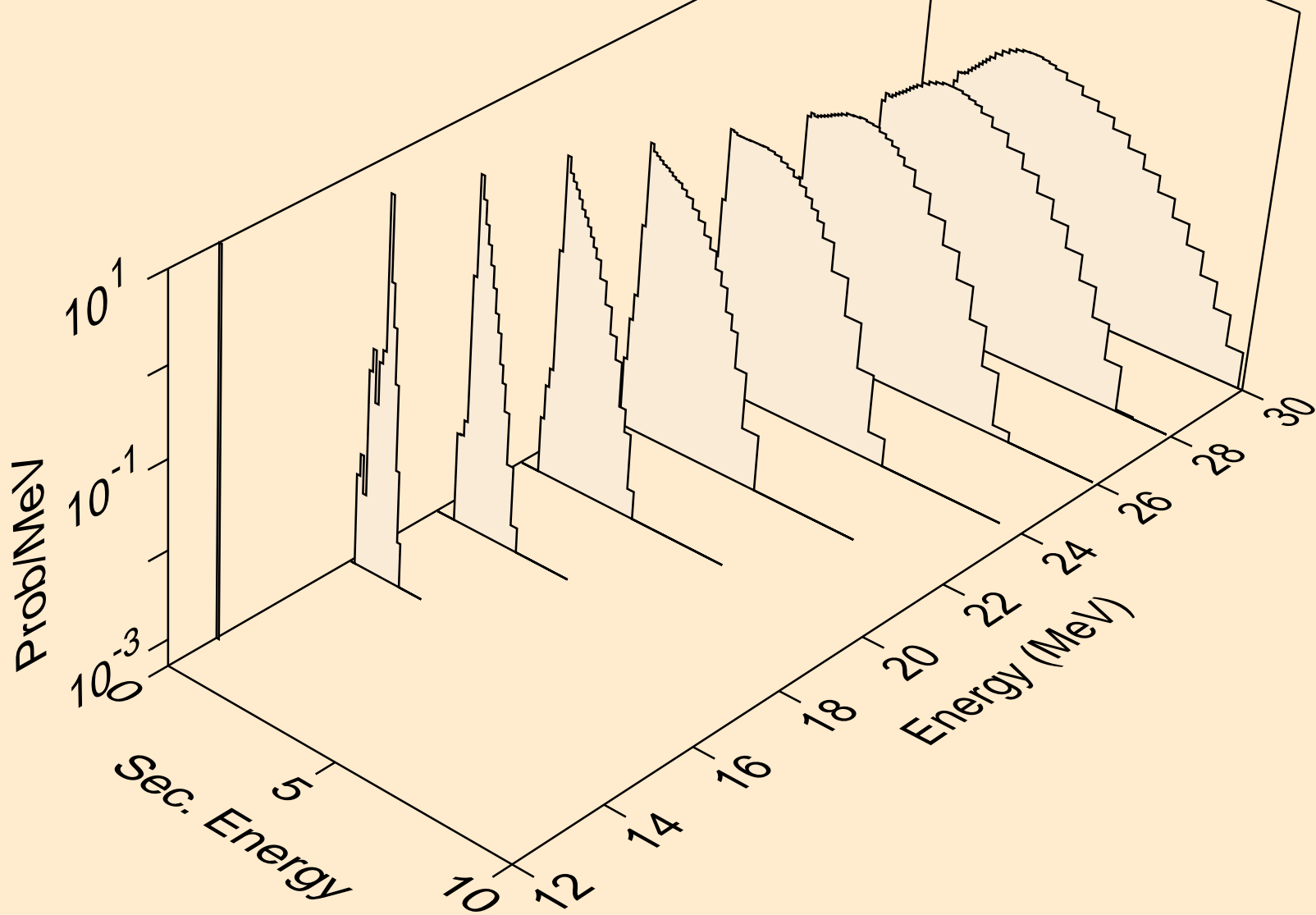




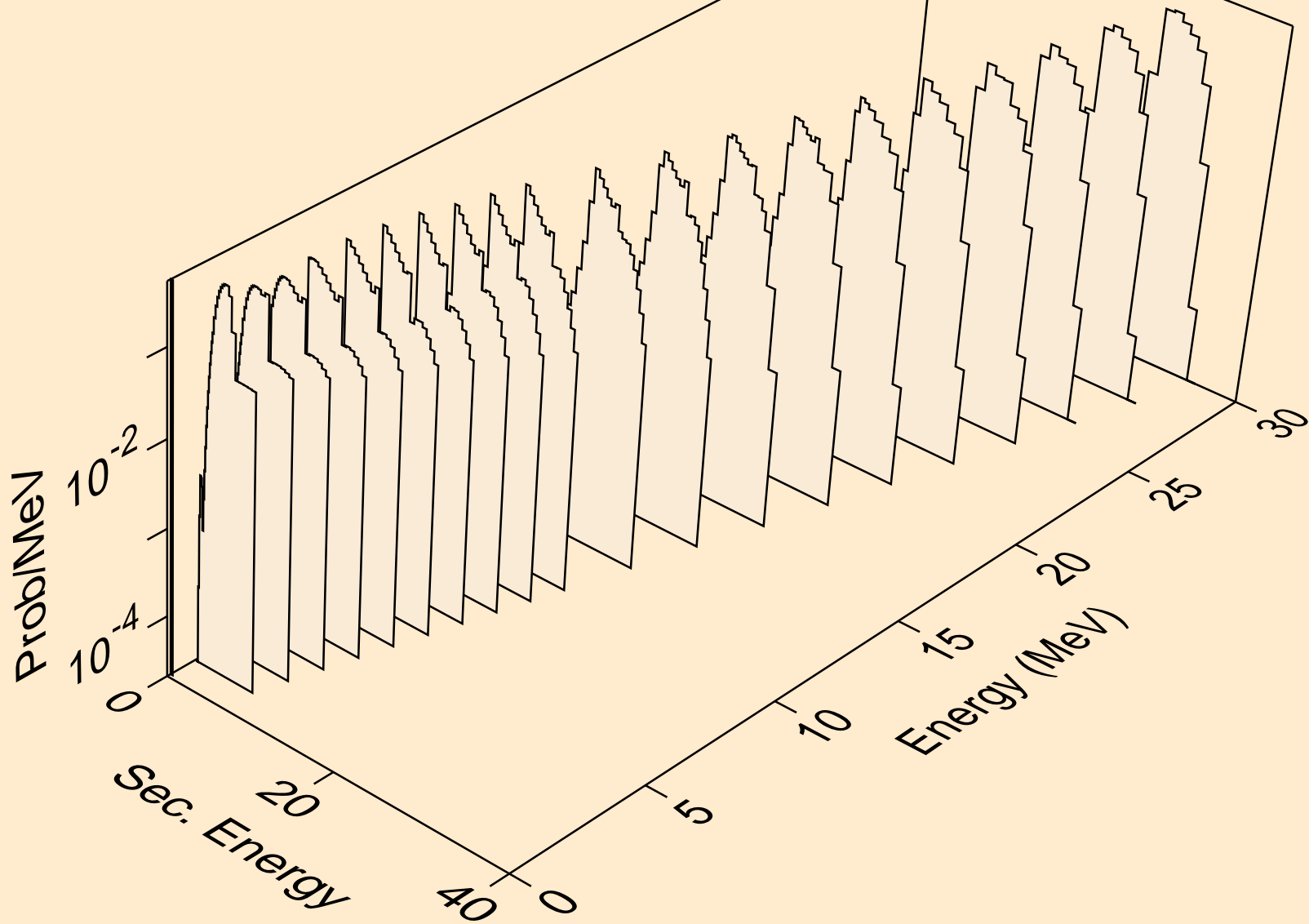
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protons from (s,2np)



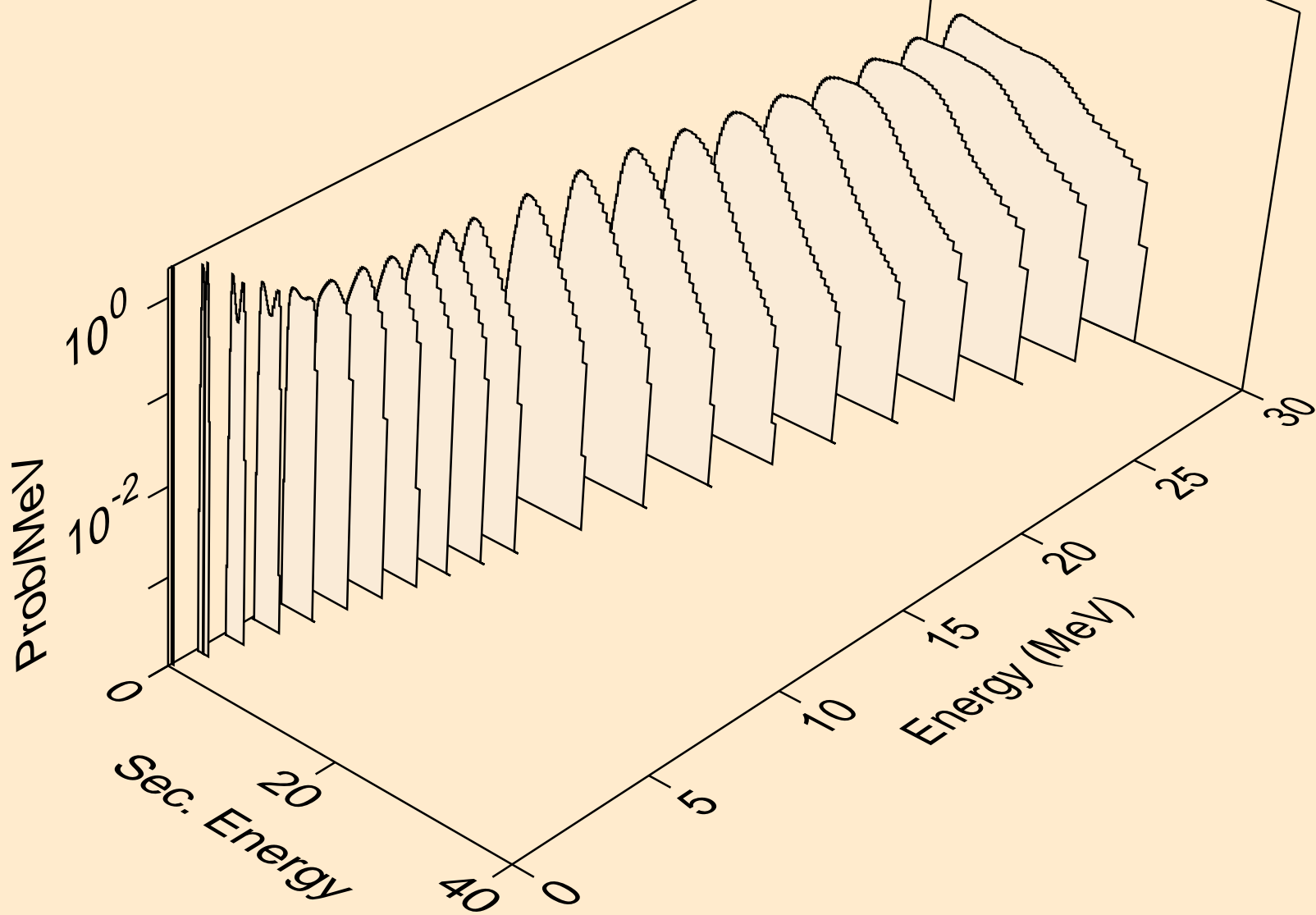
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protons from (s,npa)



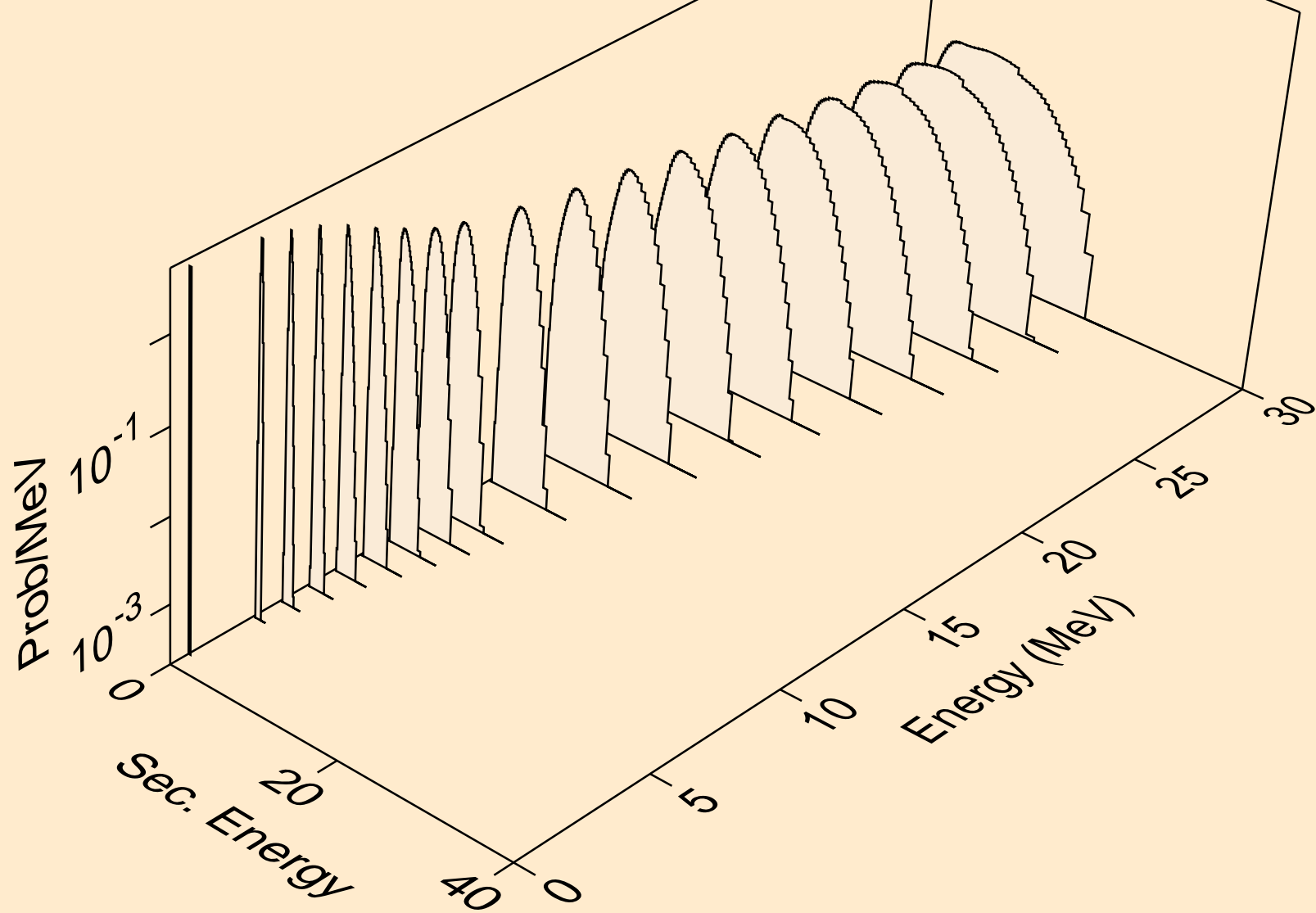
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



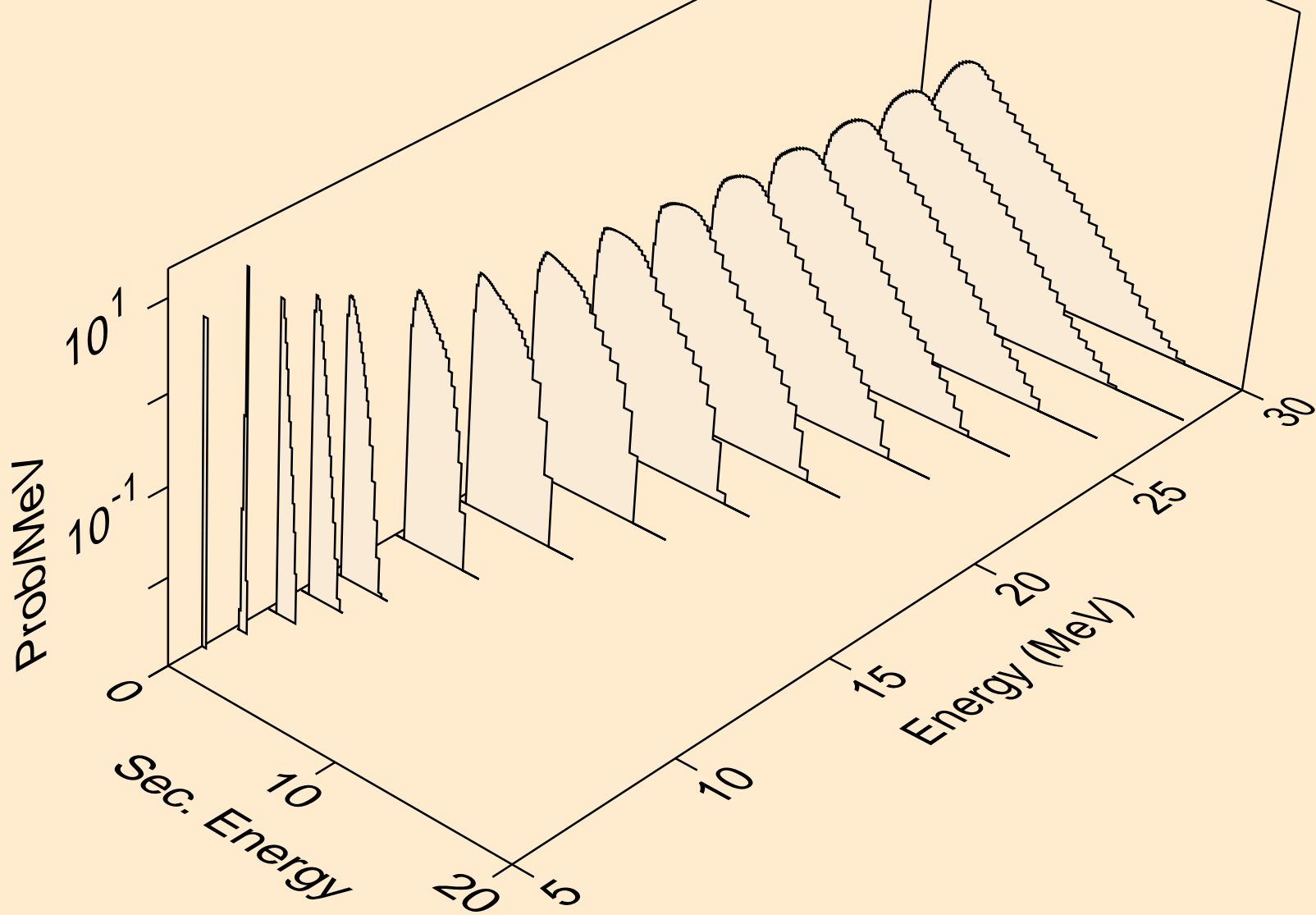
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protons from (s,2p)



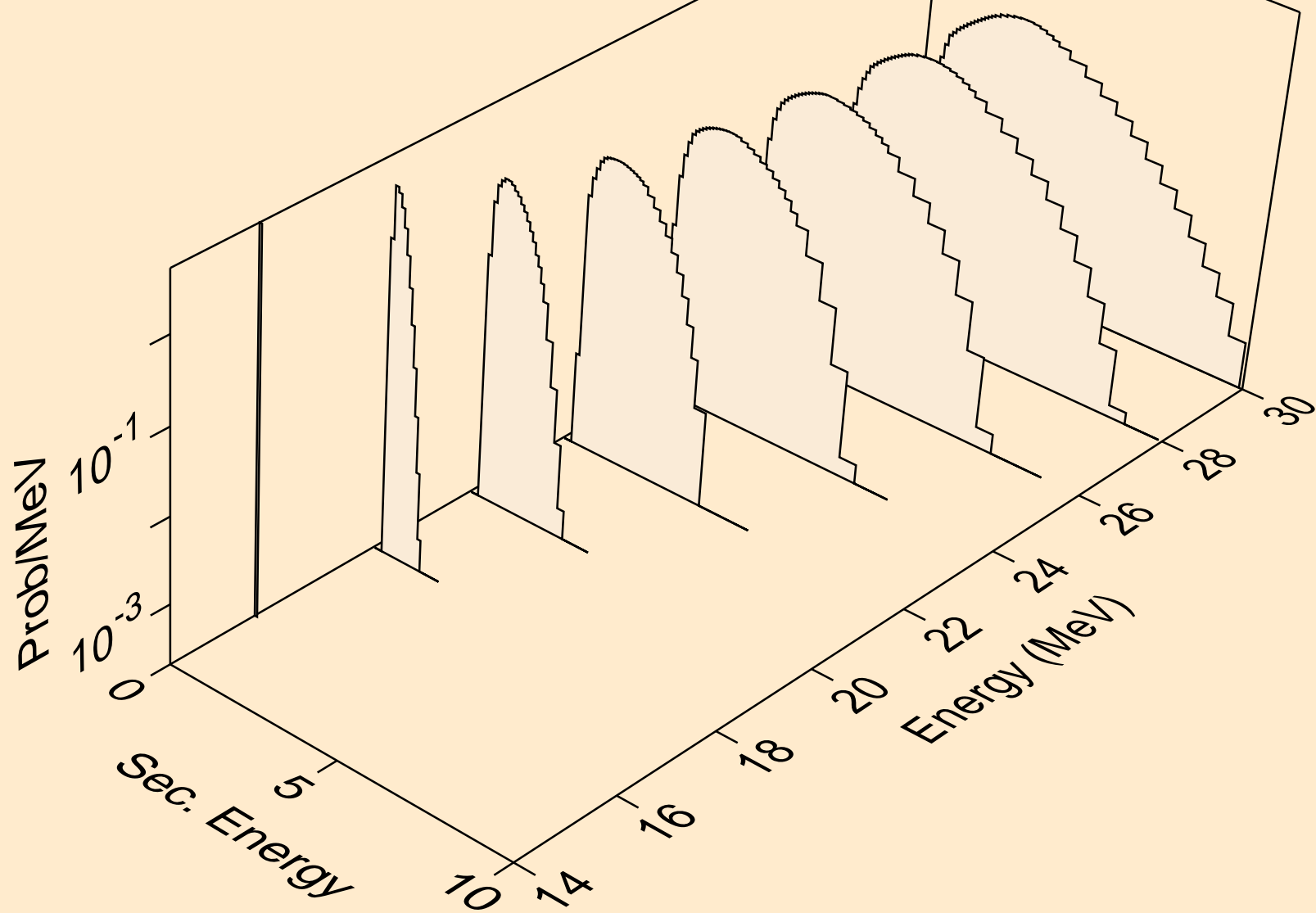
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protons from (s,pa)



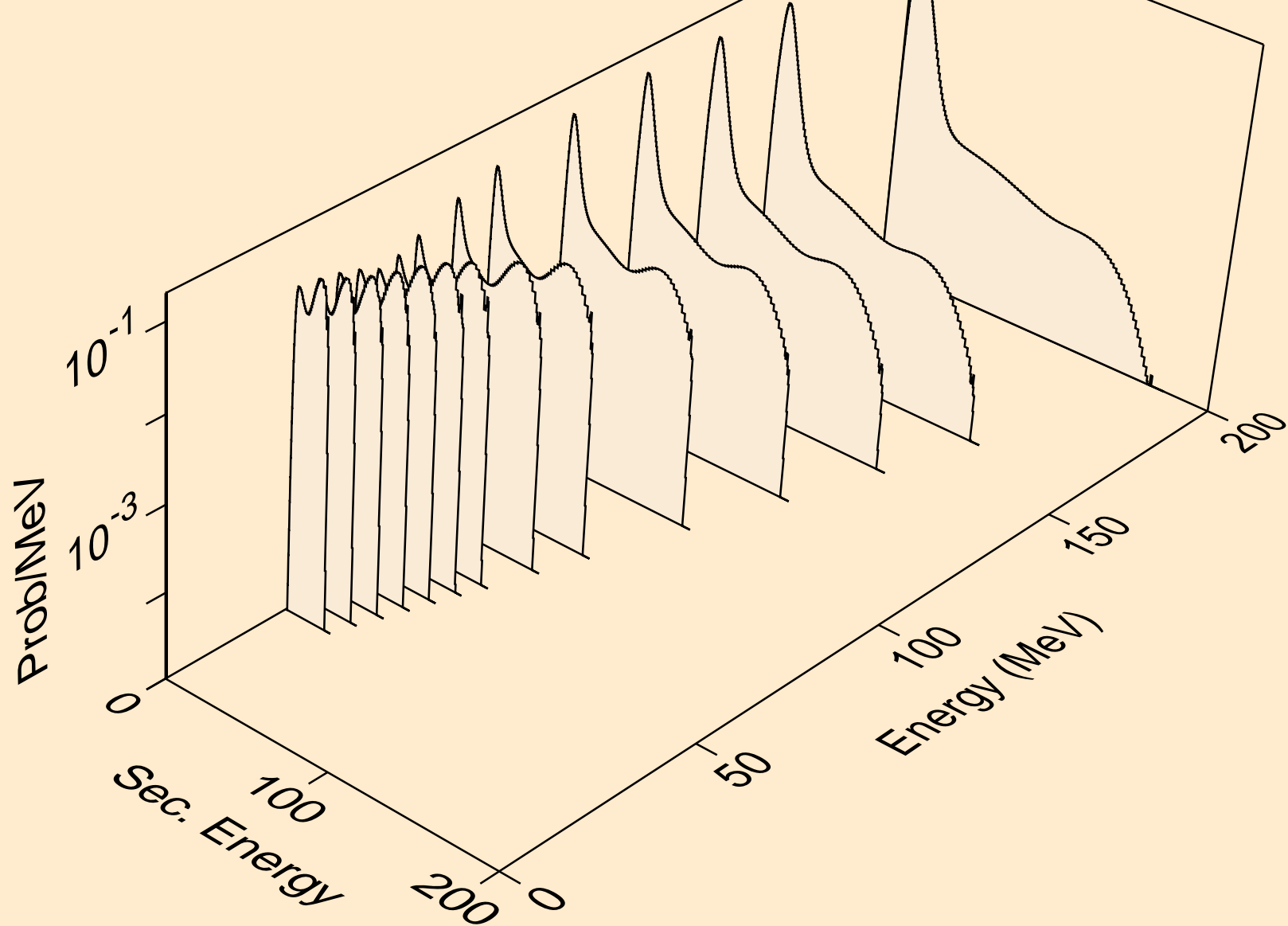
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)

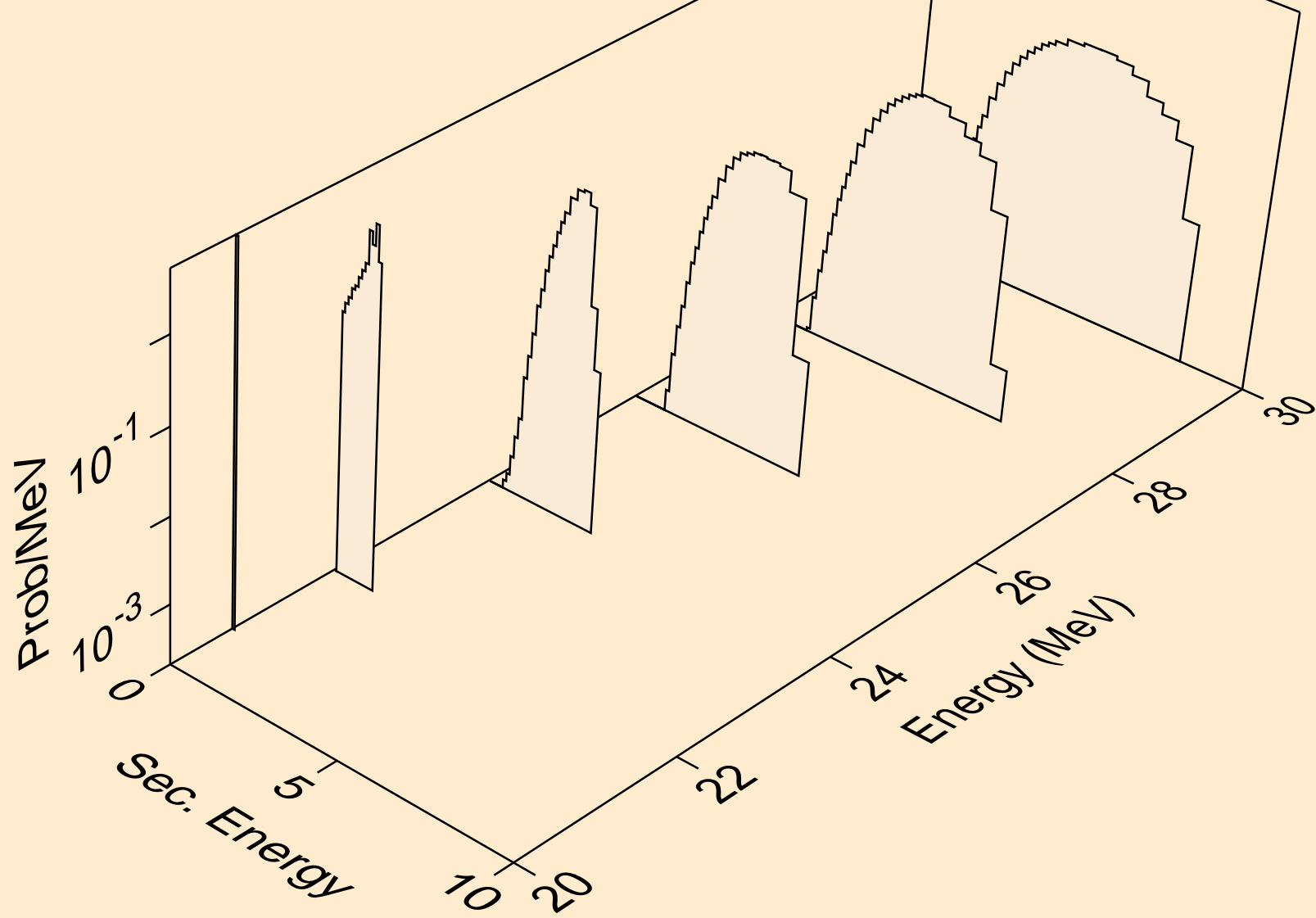


S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)

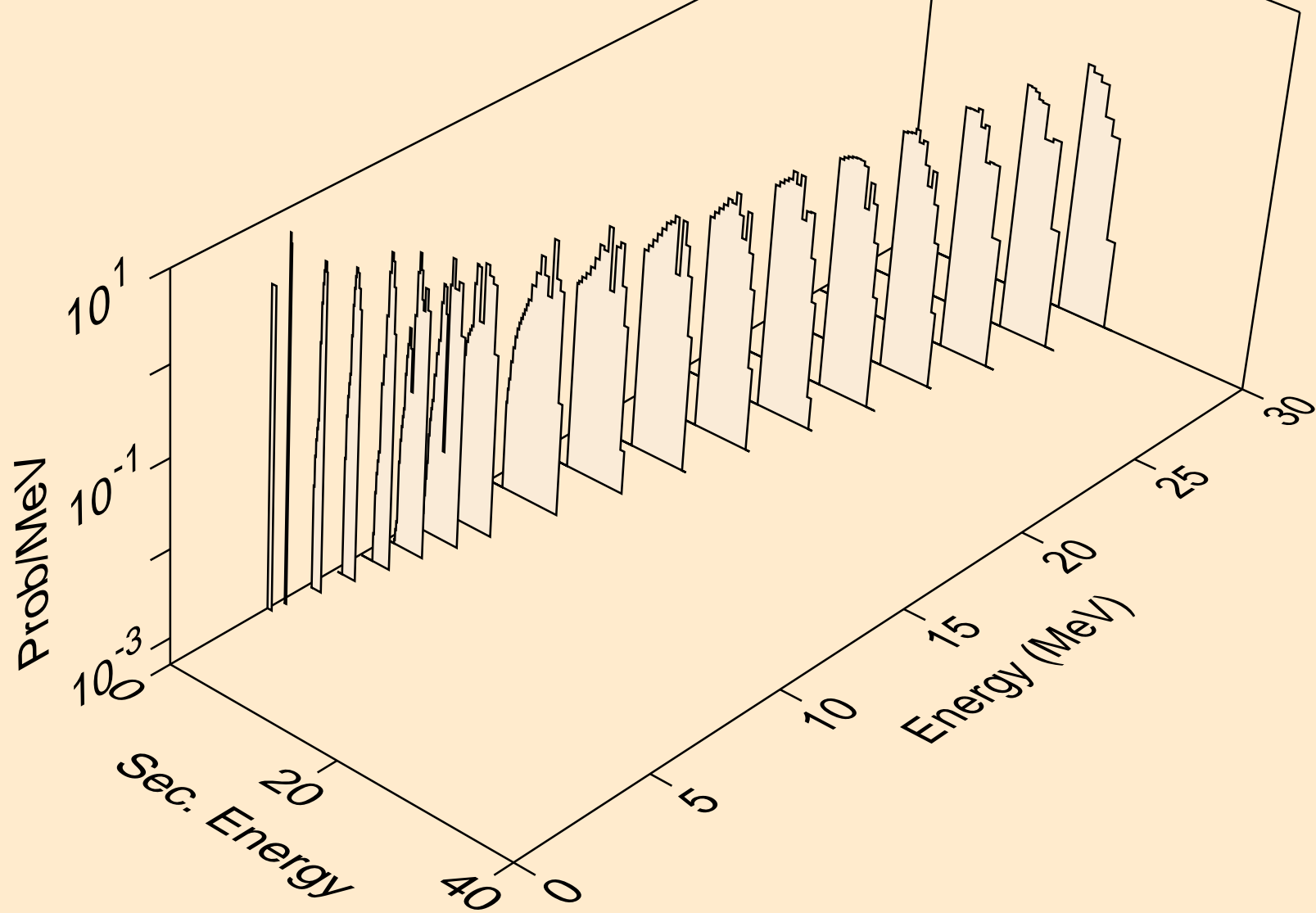




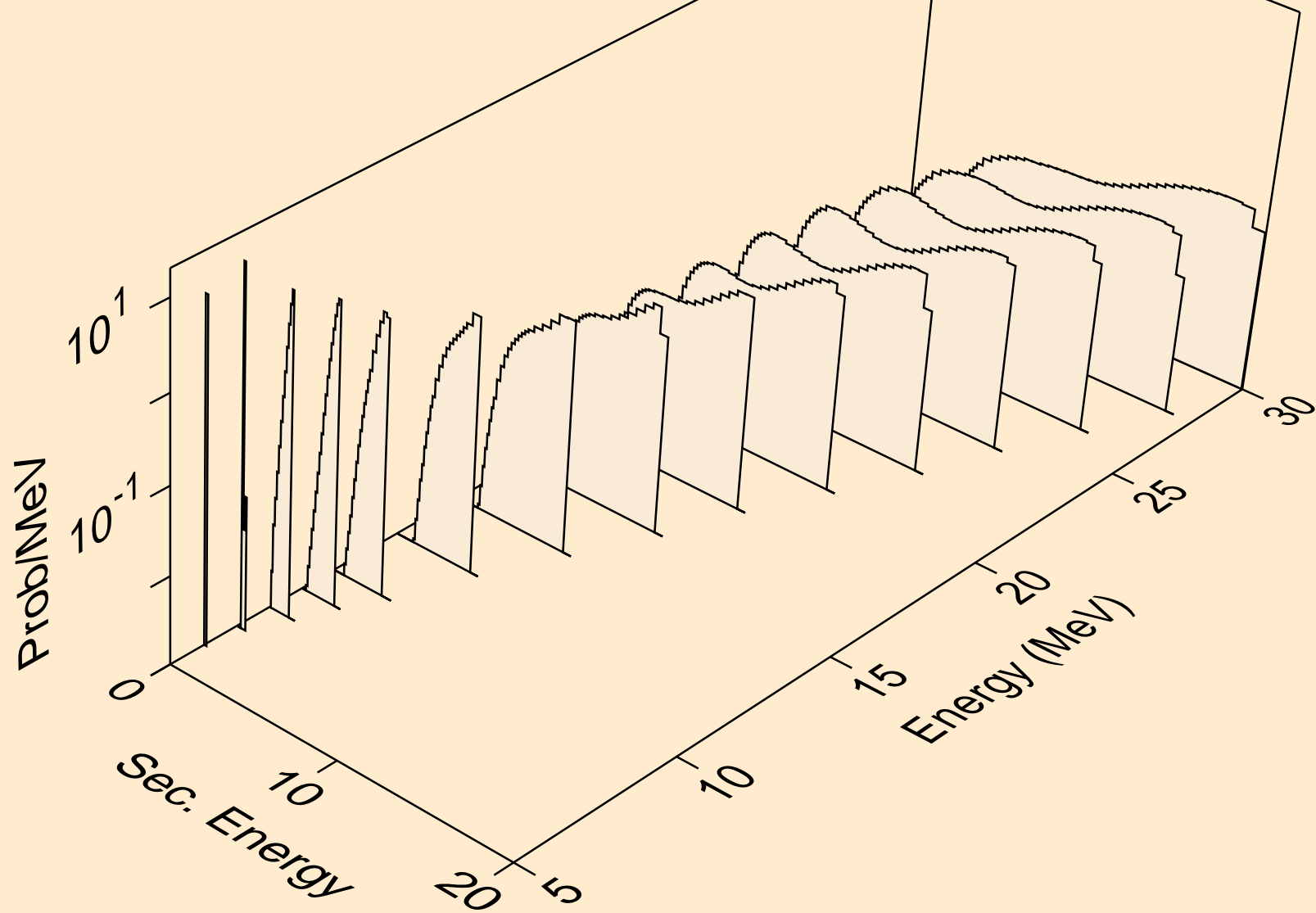
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deuterons from (s,n\*)d



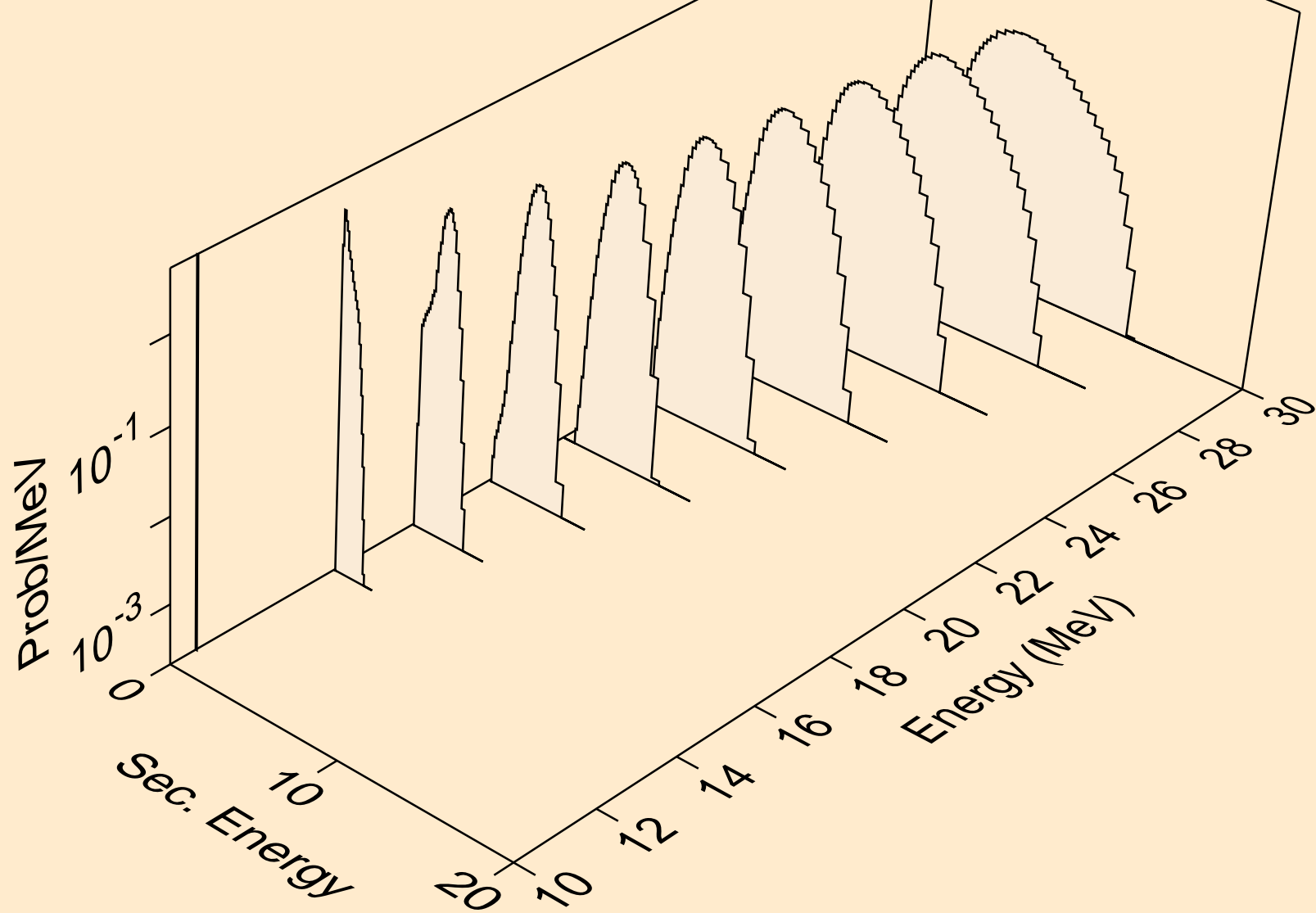
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deuterons from (s,d)



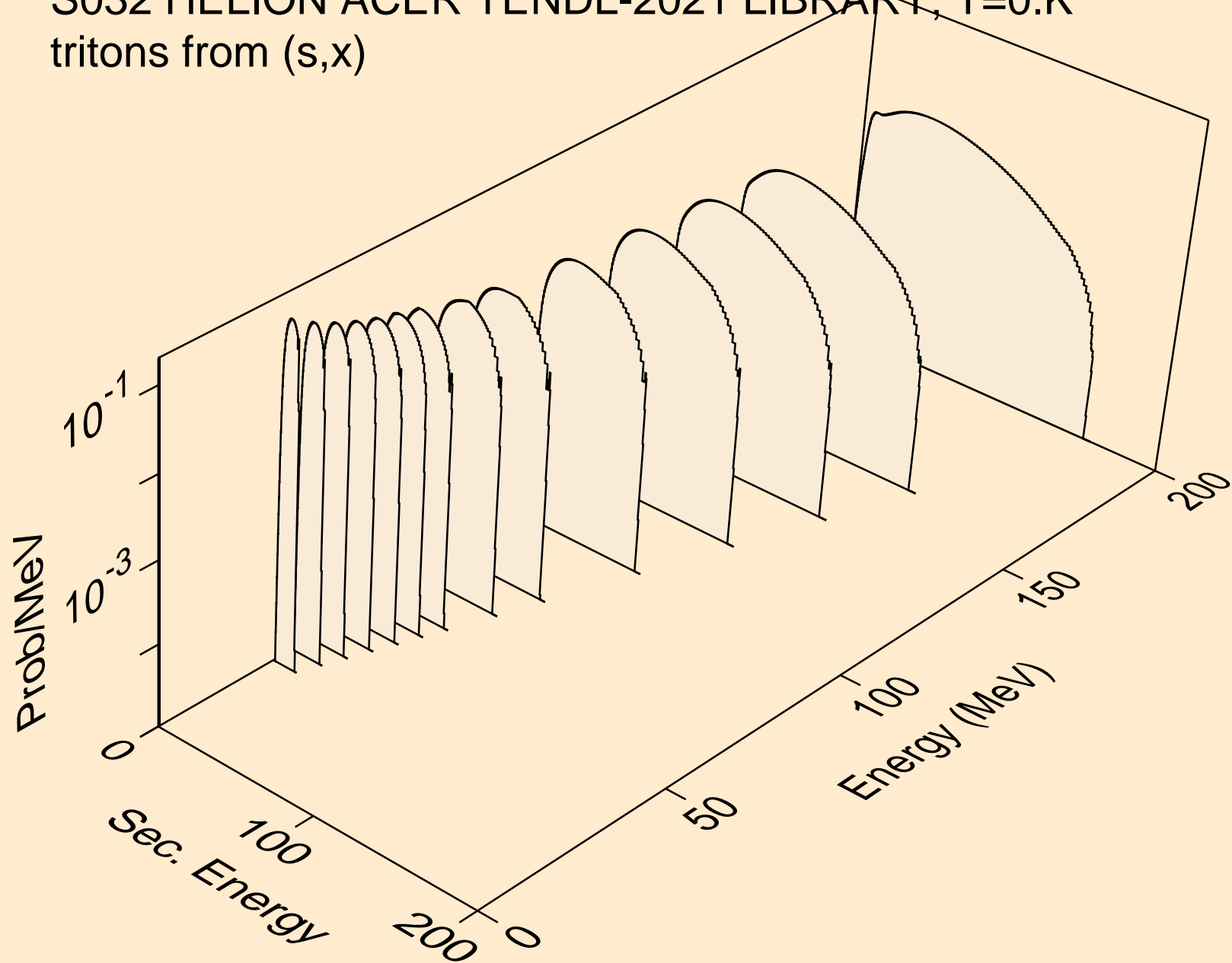
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



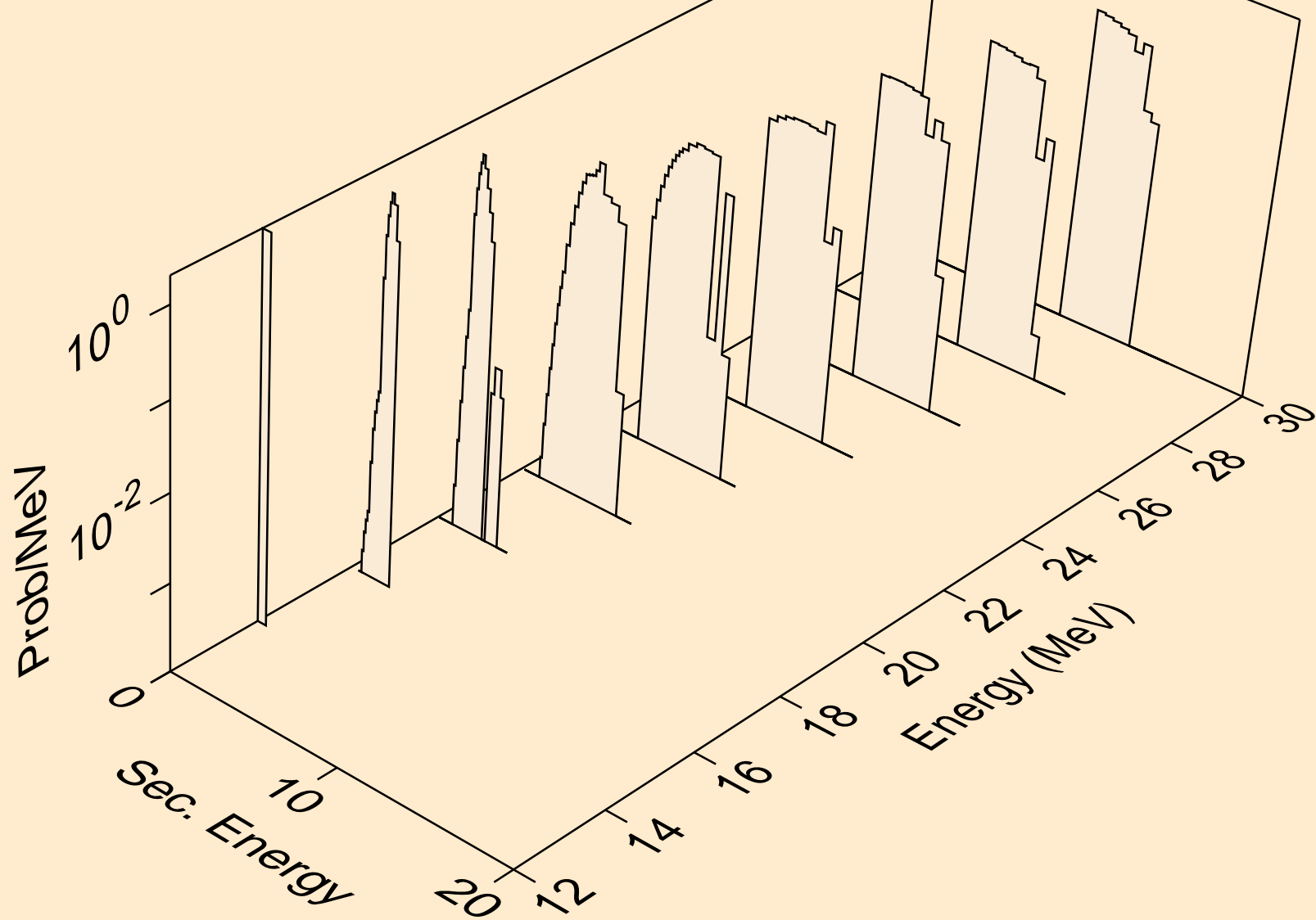
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)



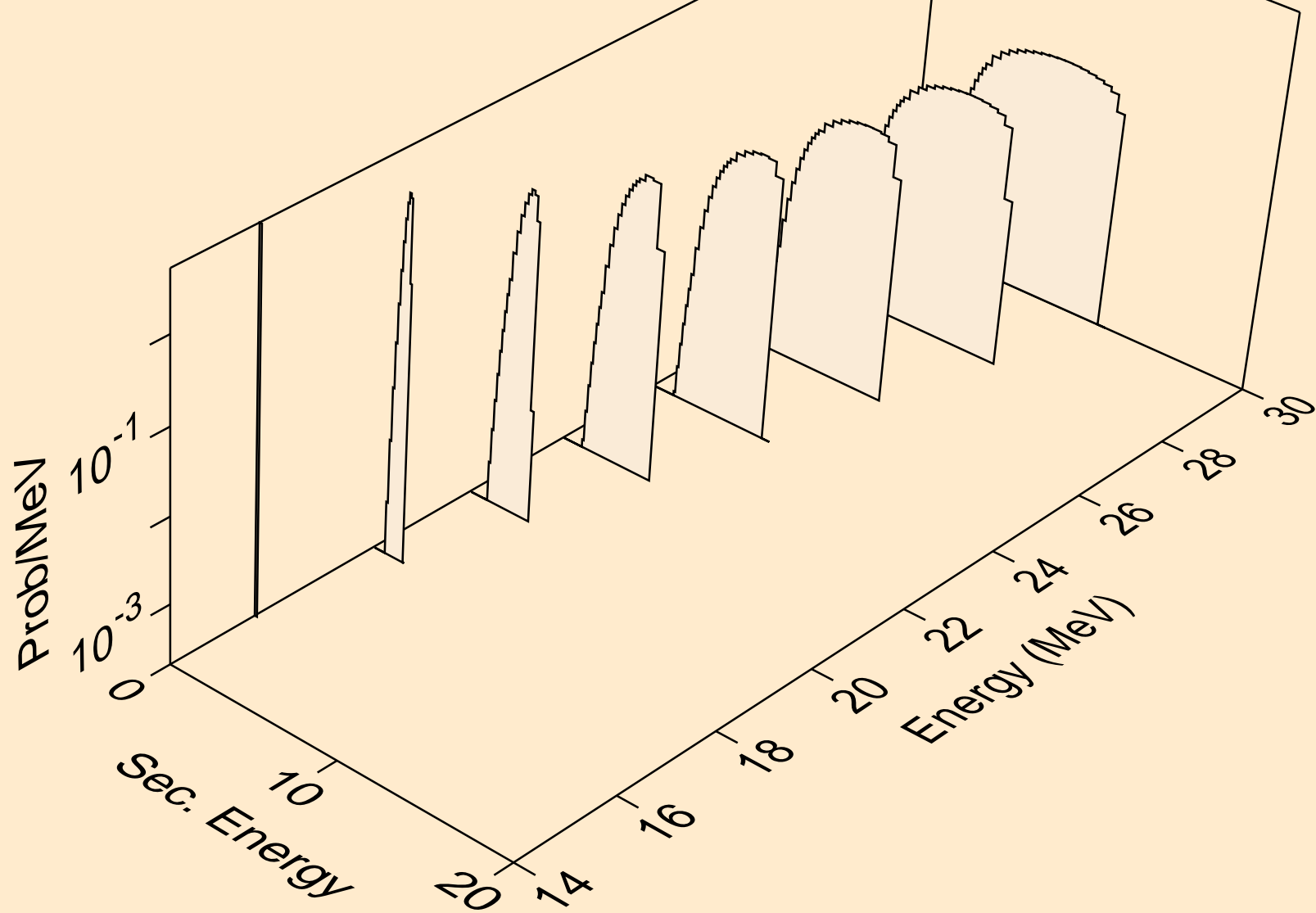
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)



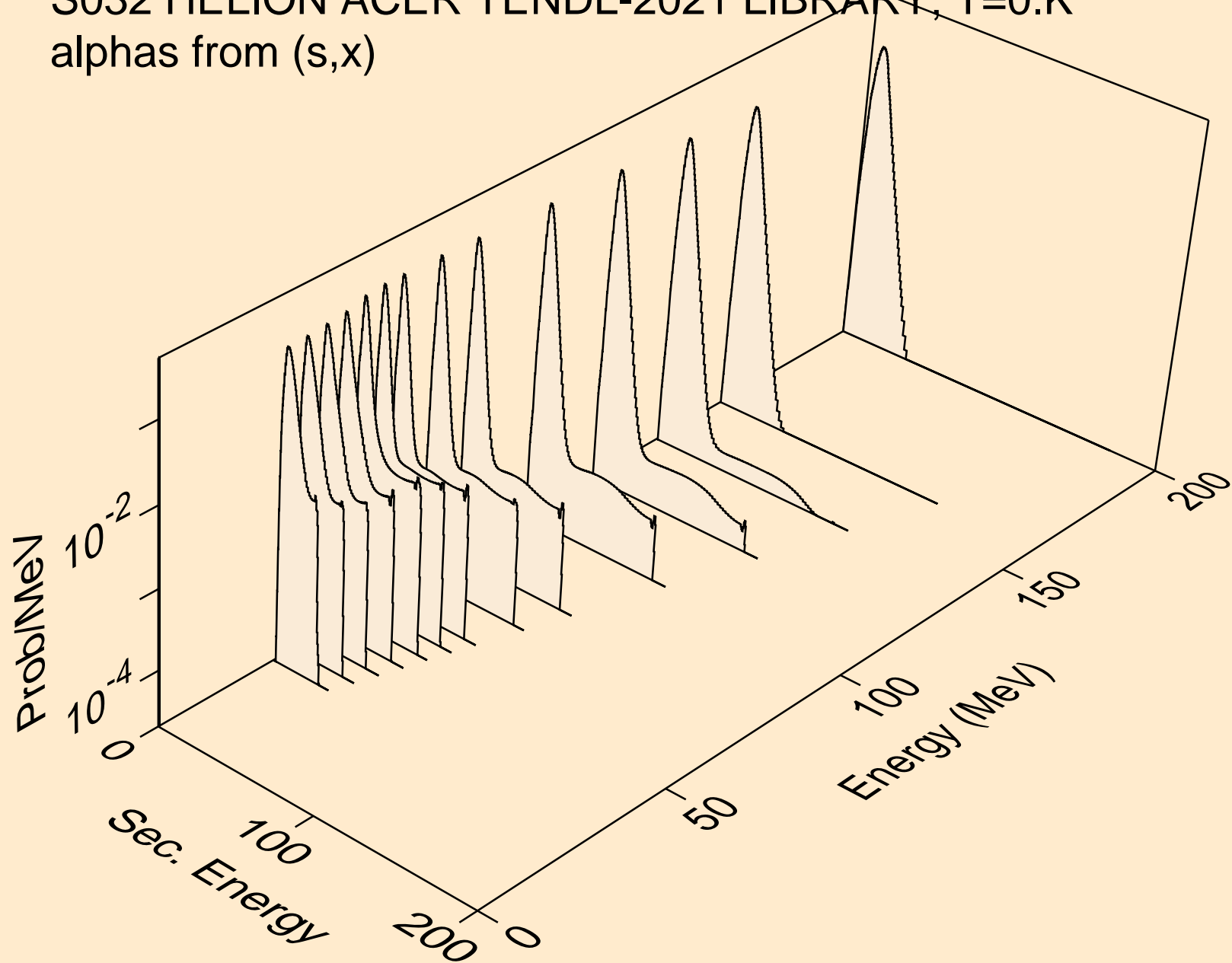
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,t)



S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,pt)

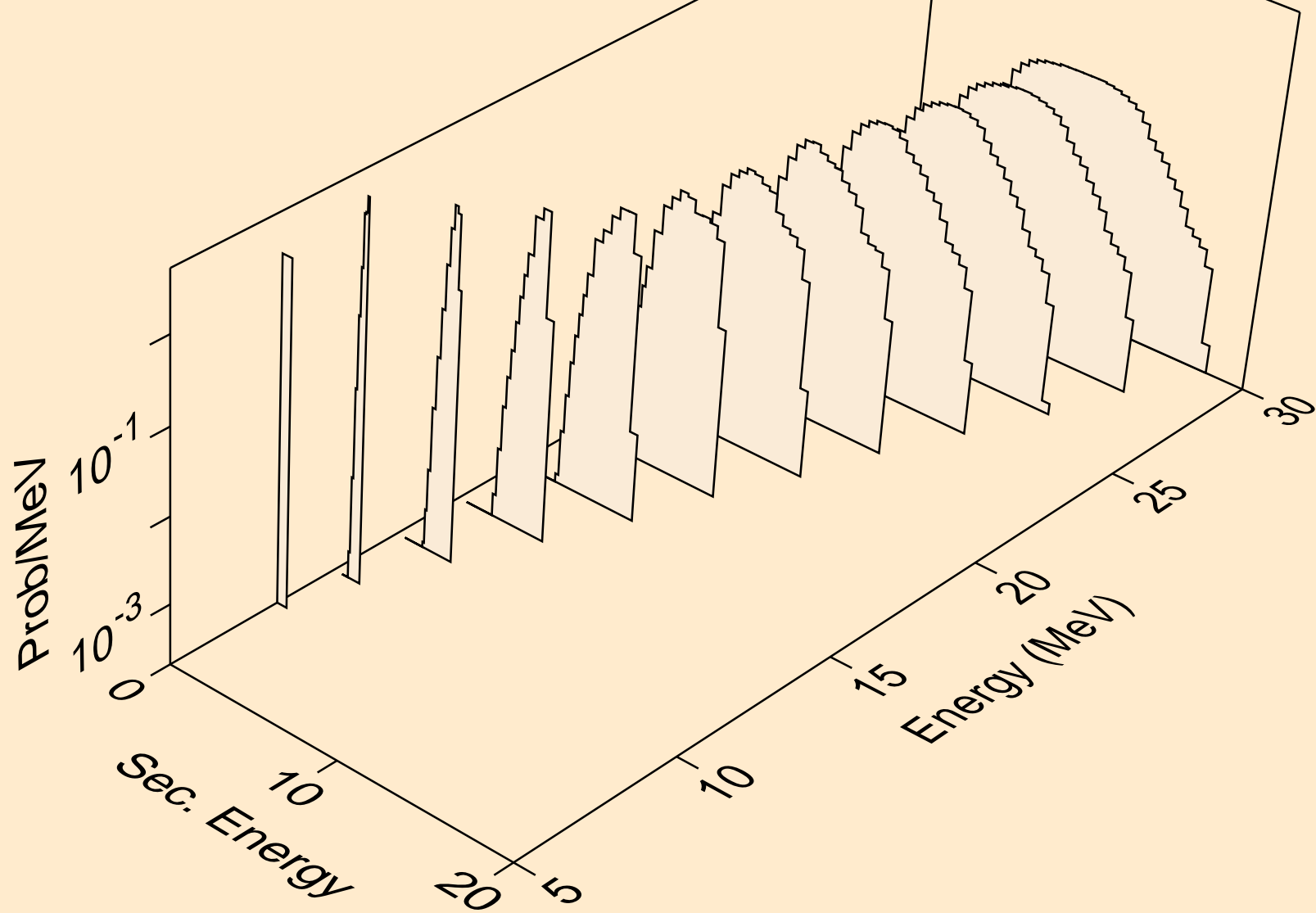


S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)

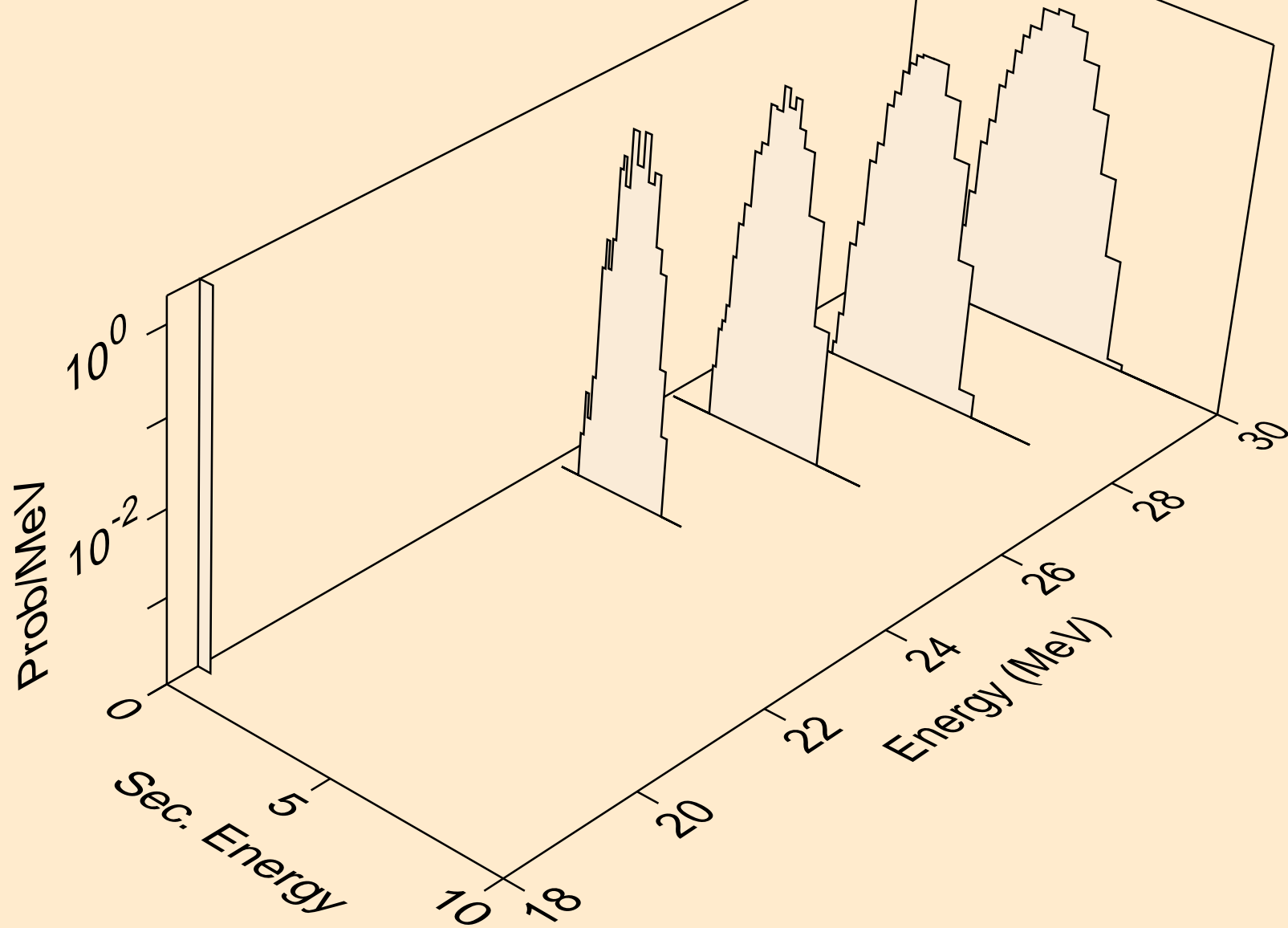




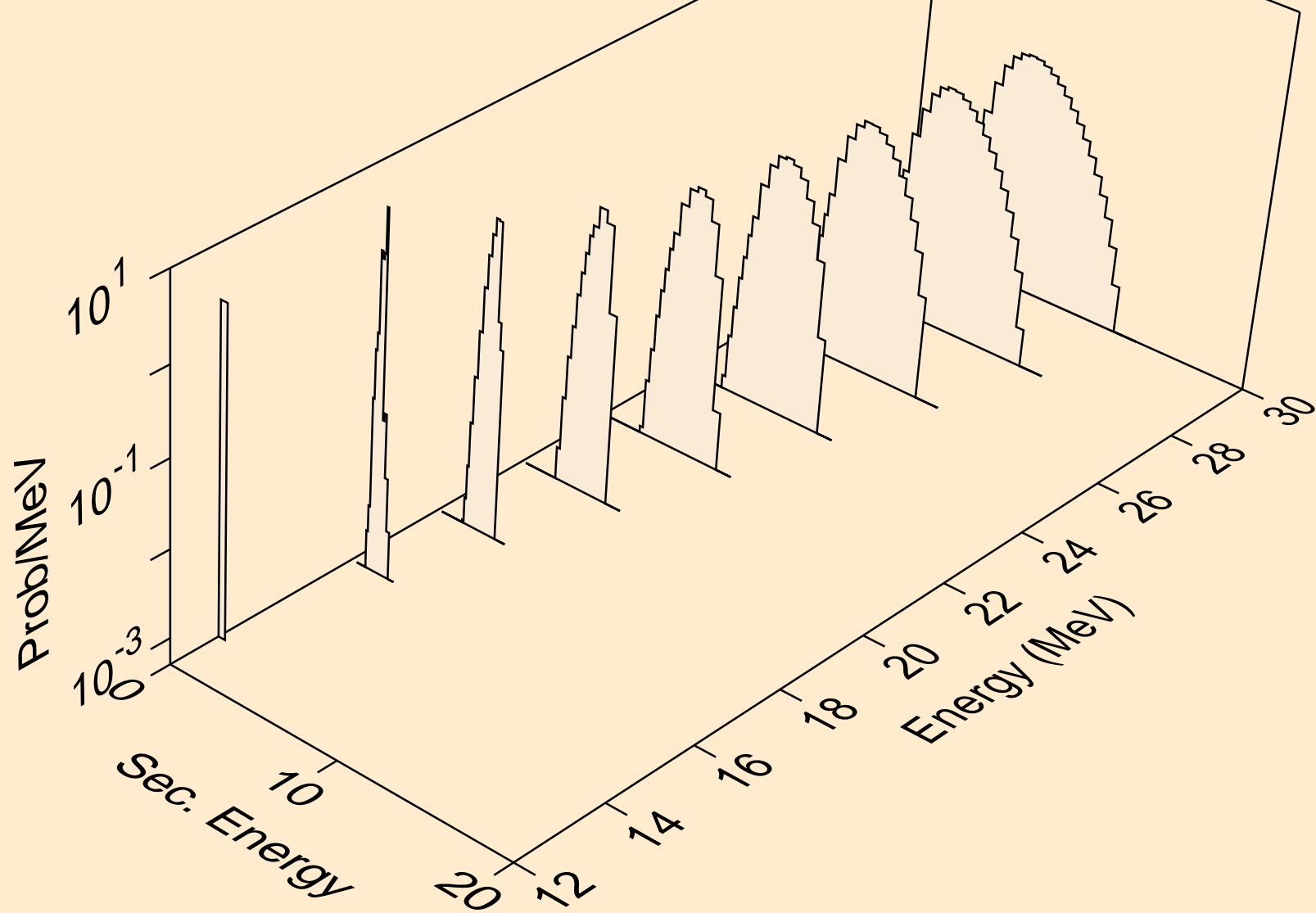
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



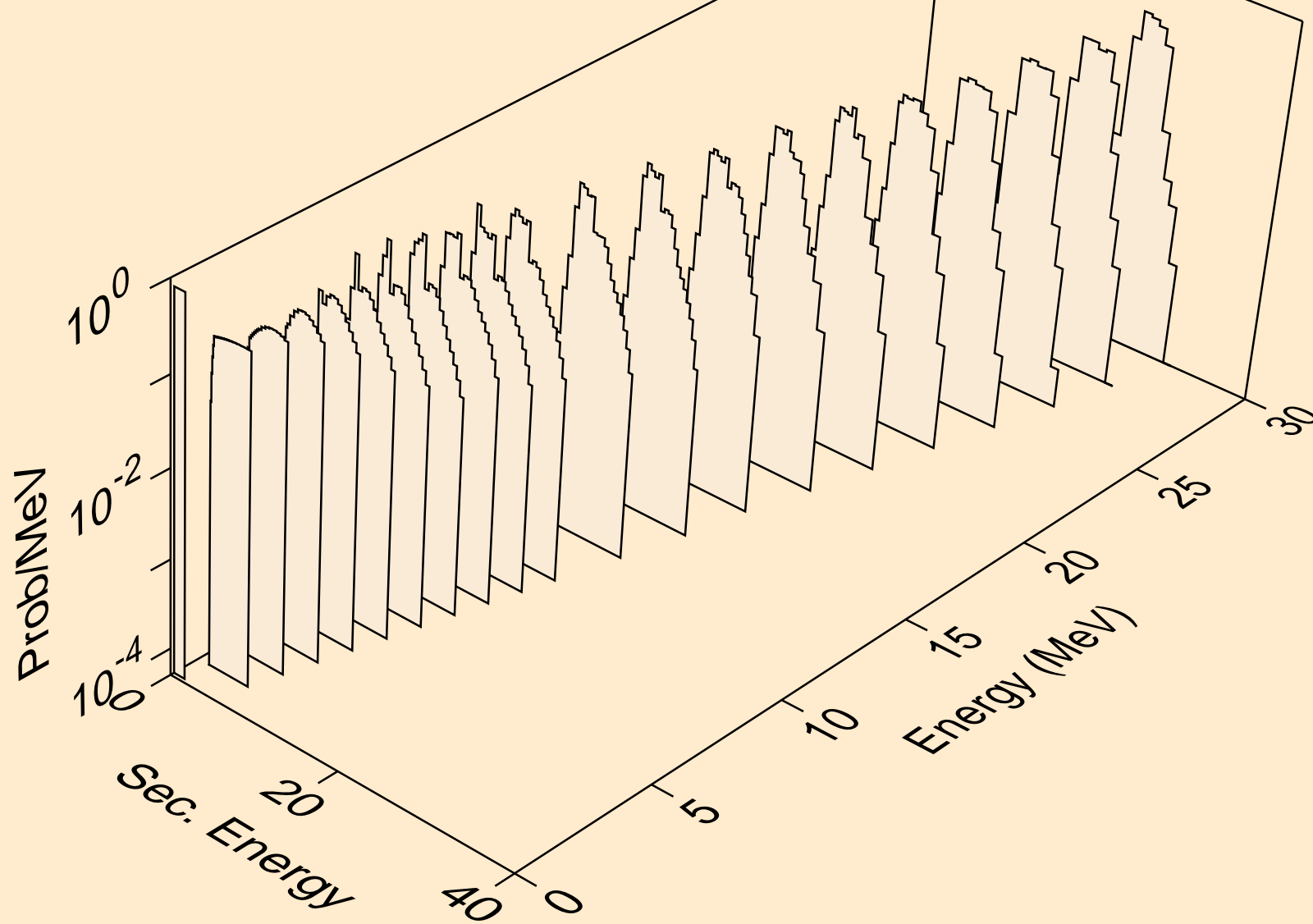
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)2a



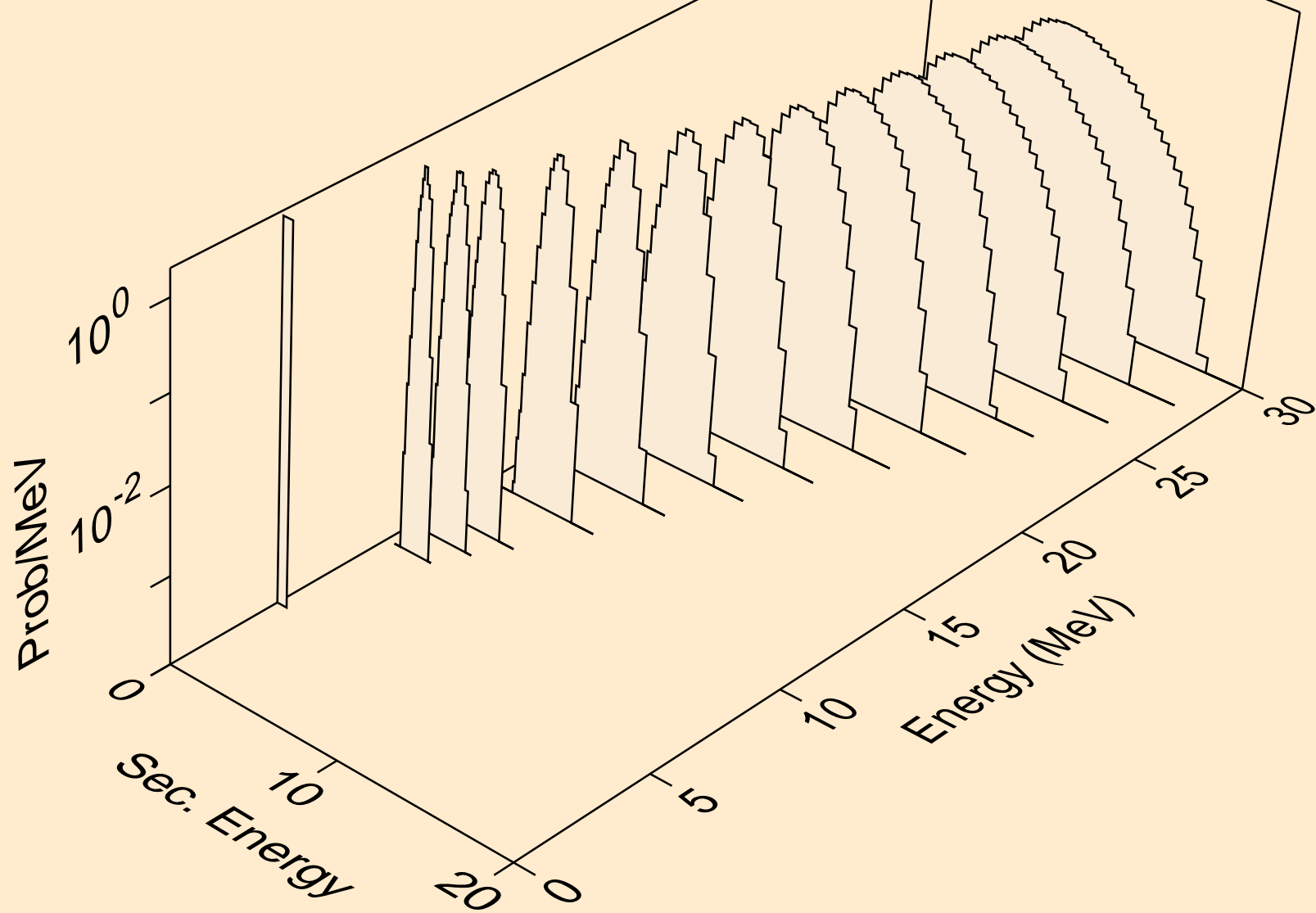
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



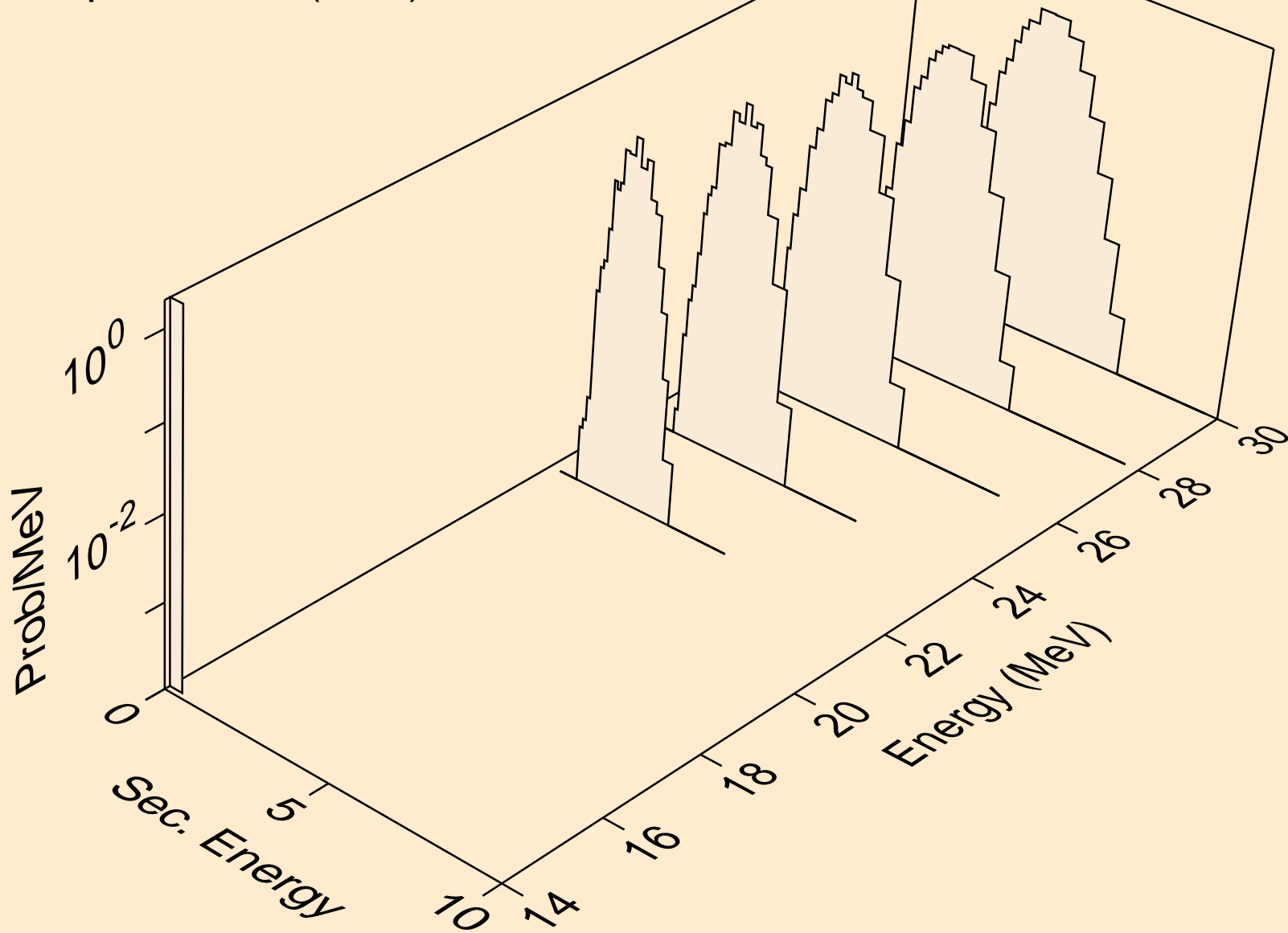
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



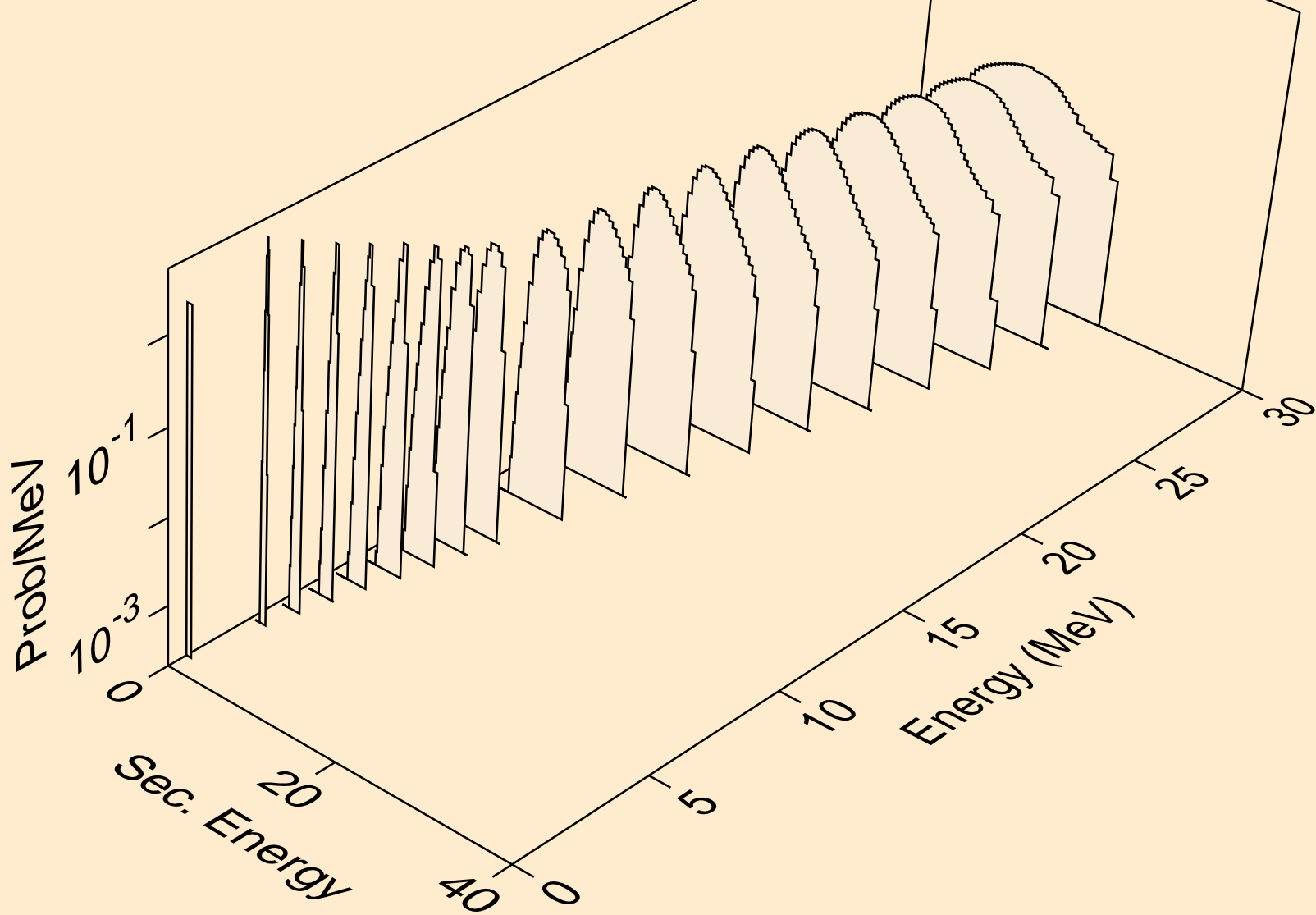
S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,3a)



S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)



S032 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

