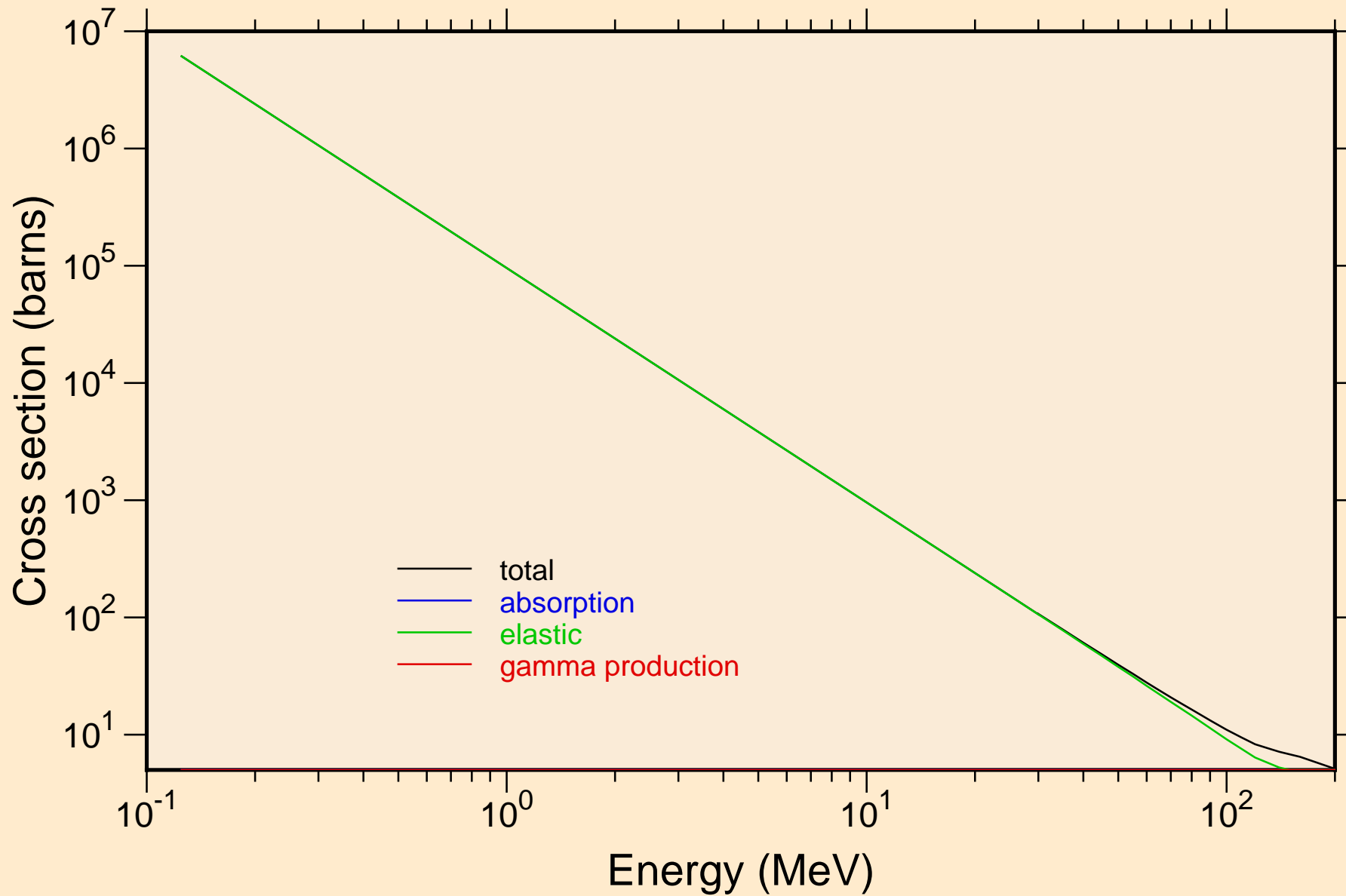
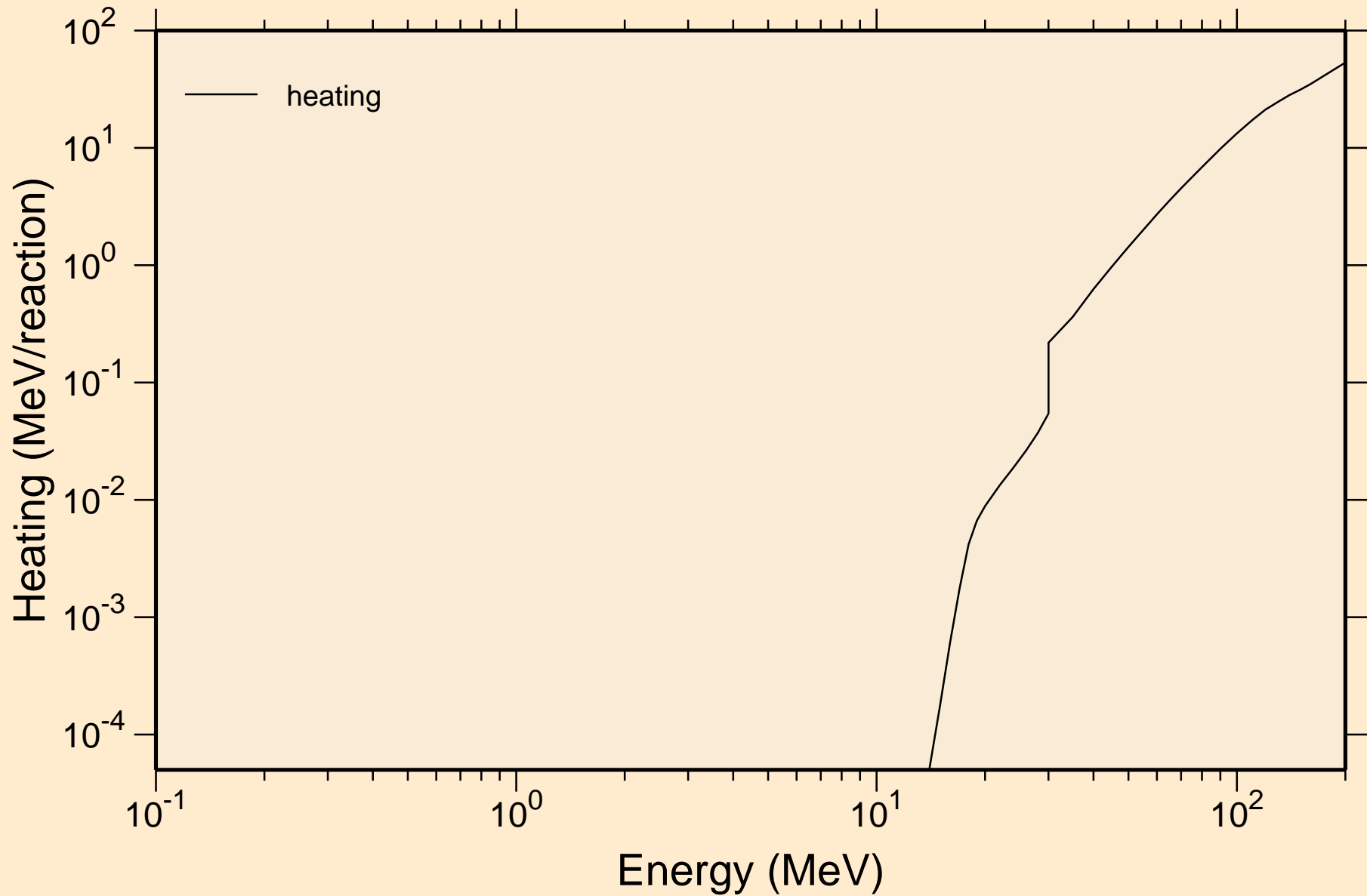


PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



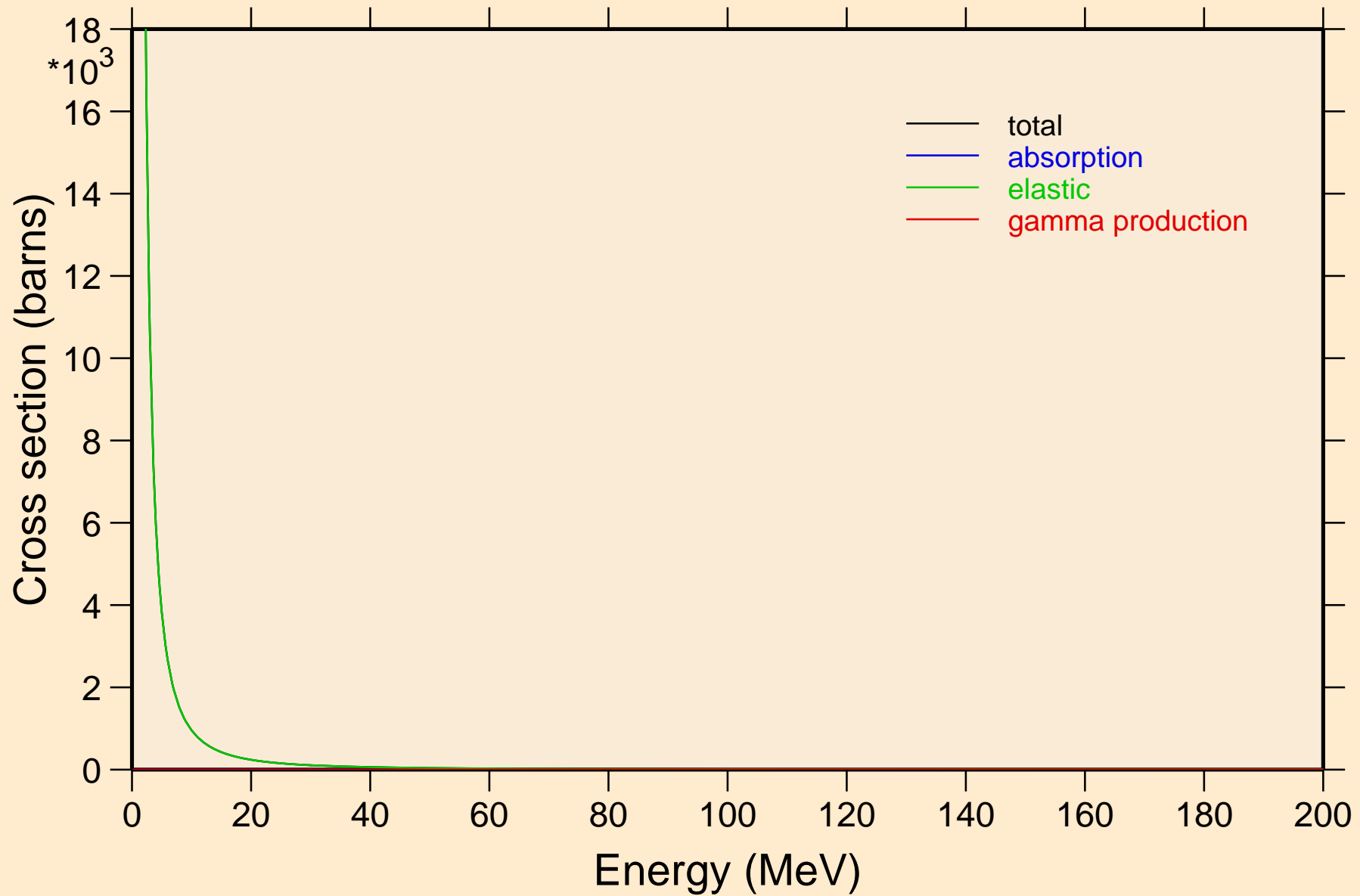
# PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Heating



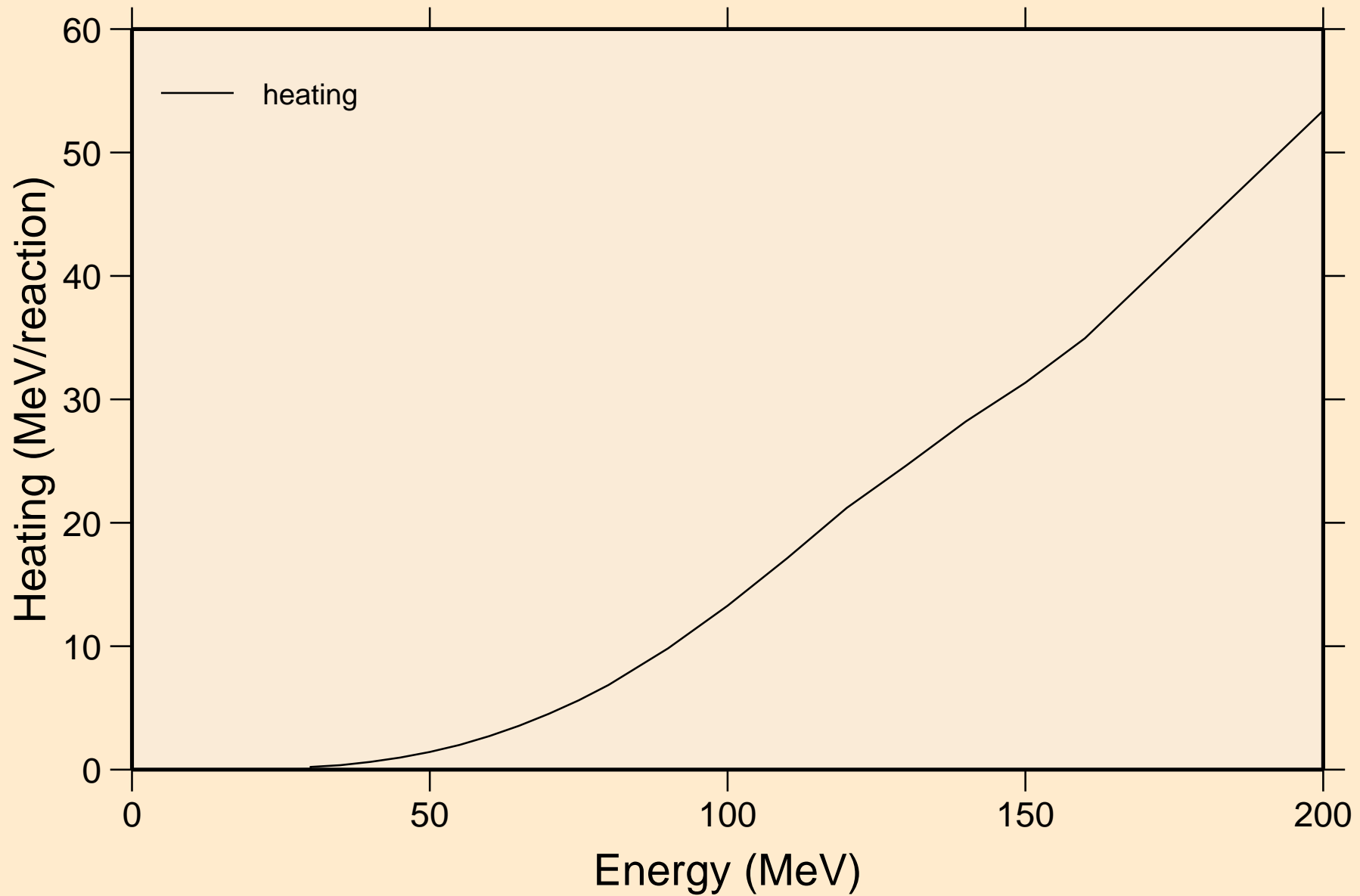
# PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

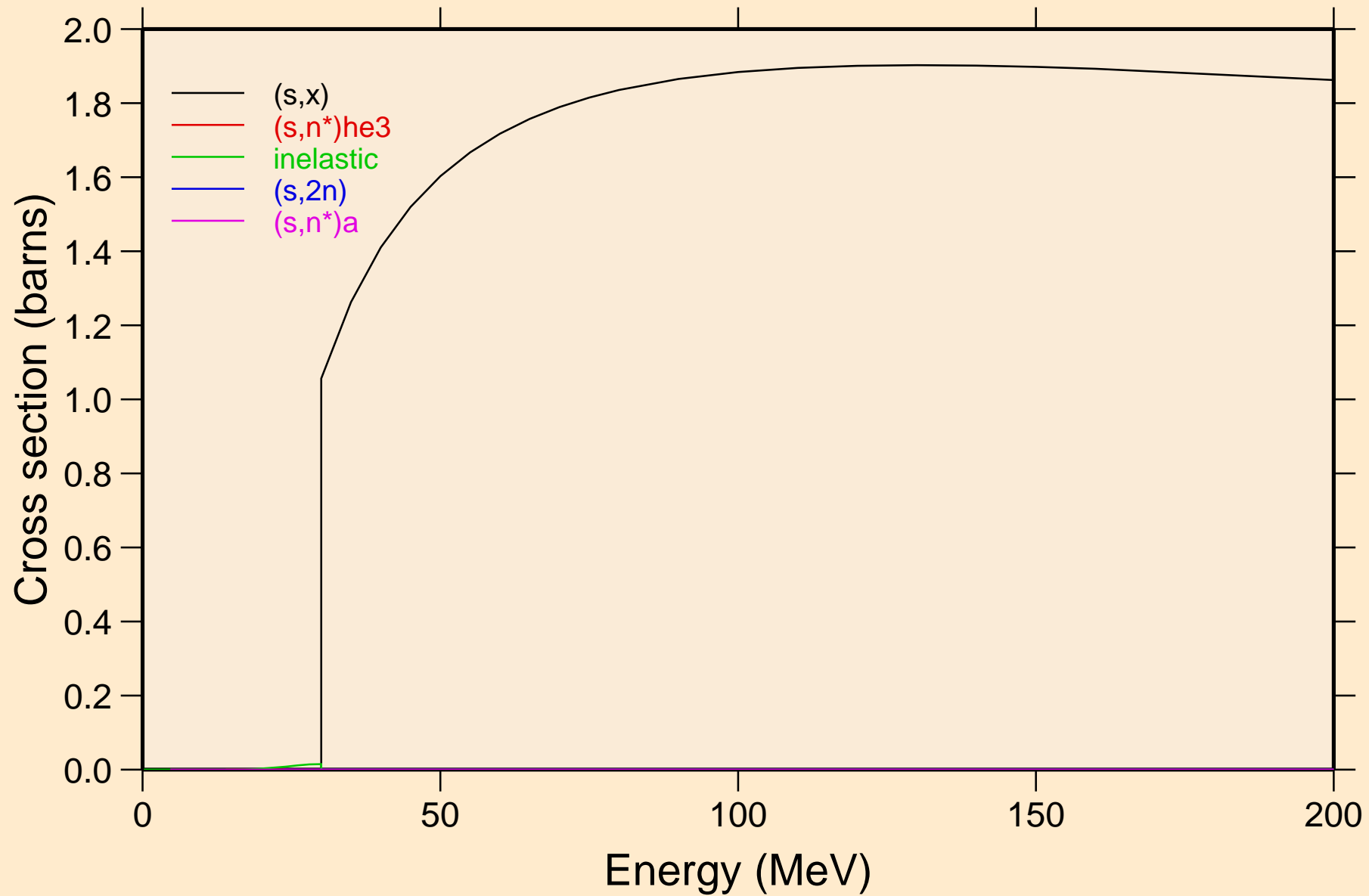


PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K

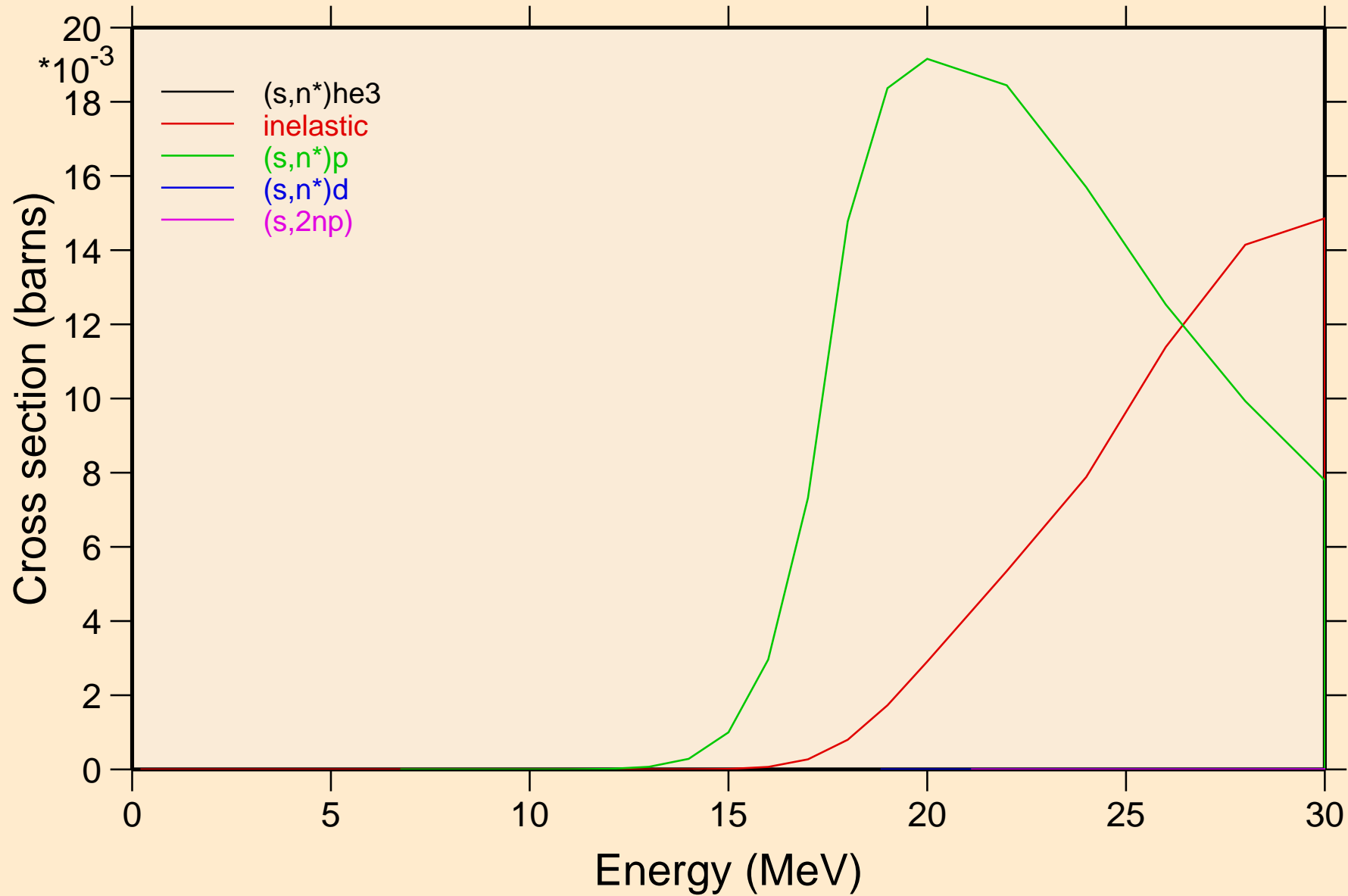
Heating



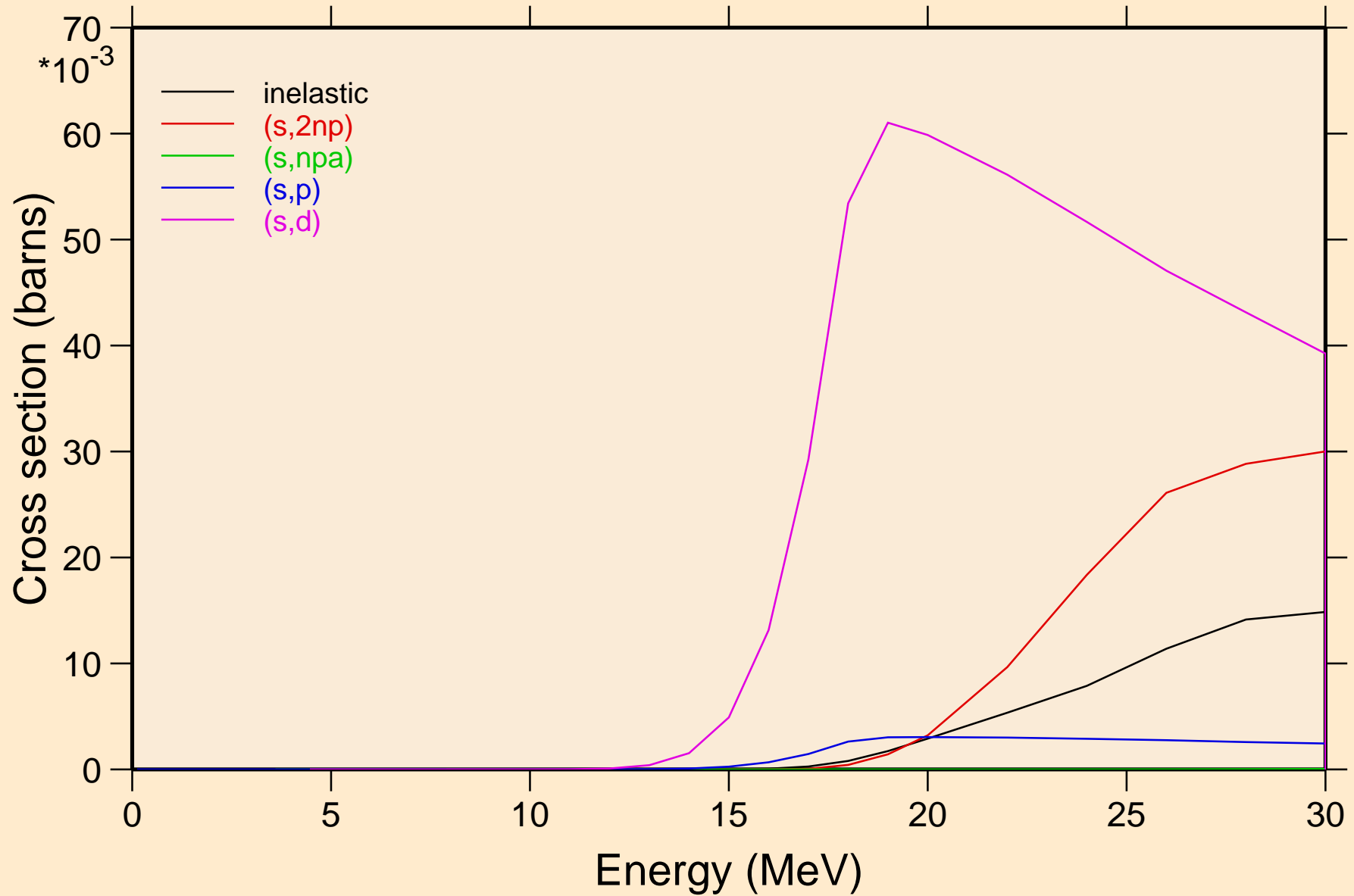
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



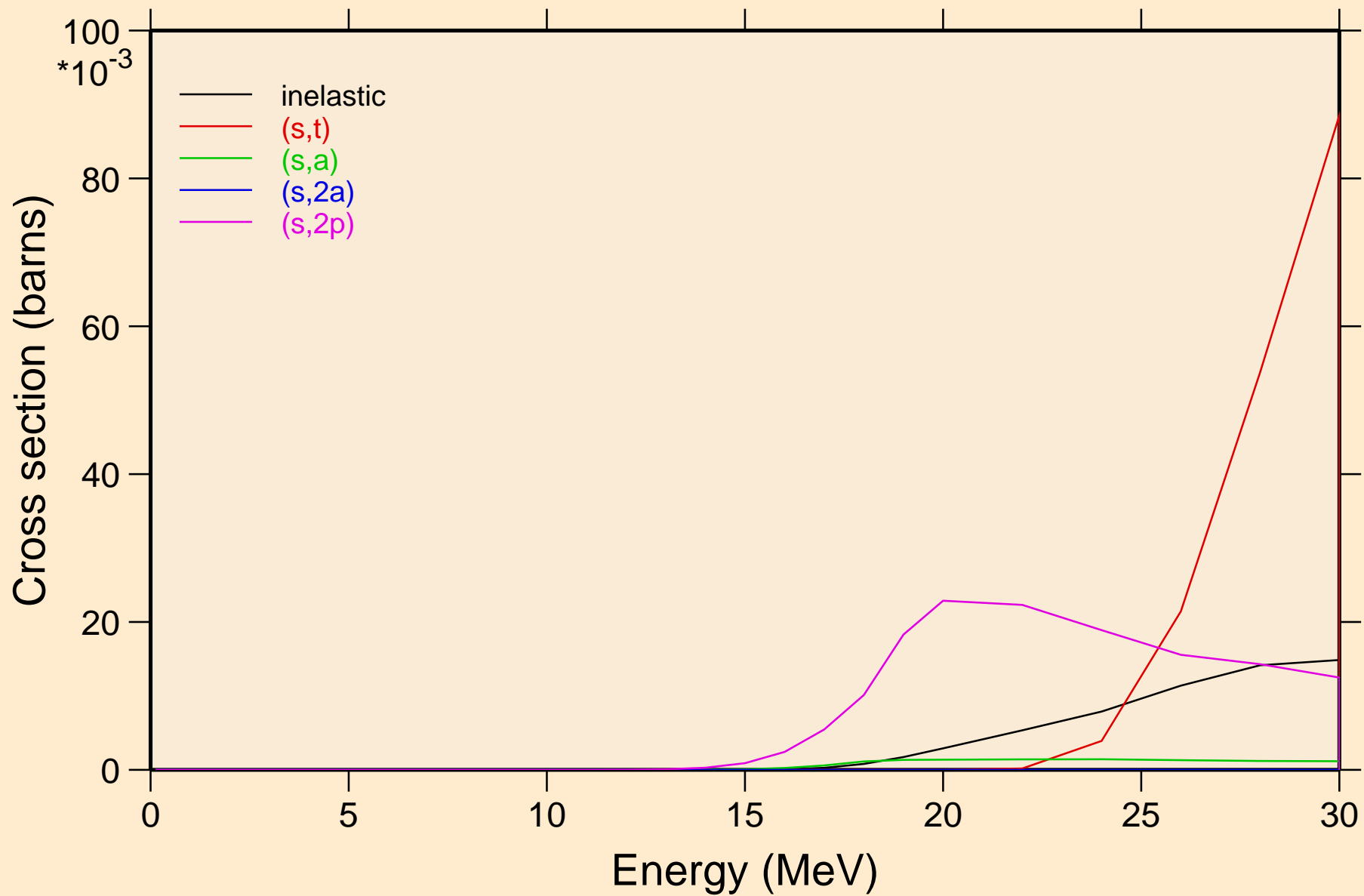
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

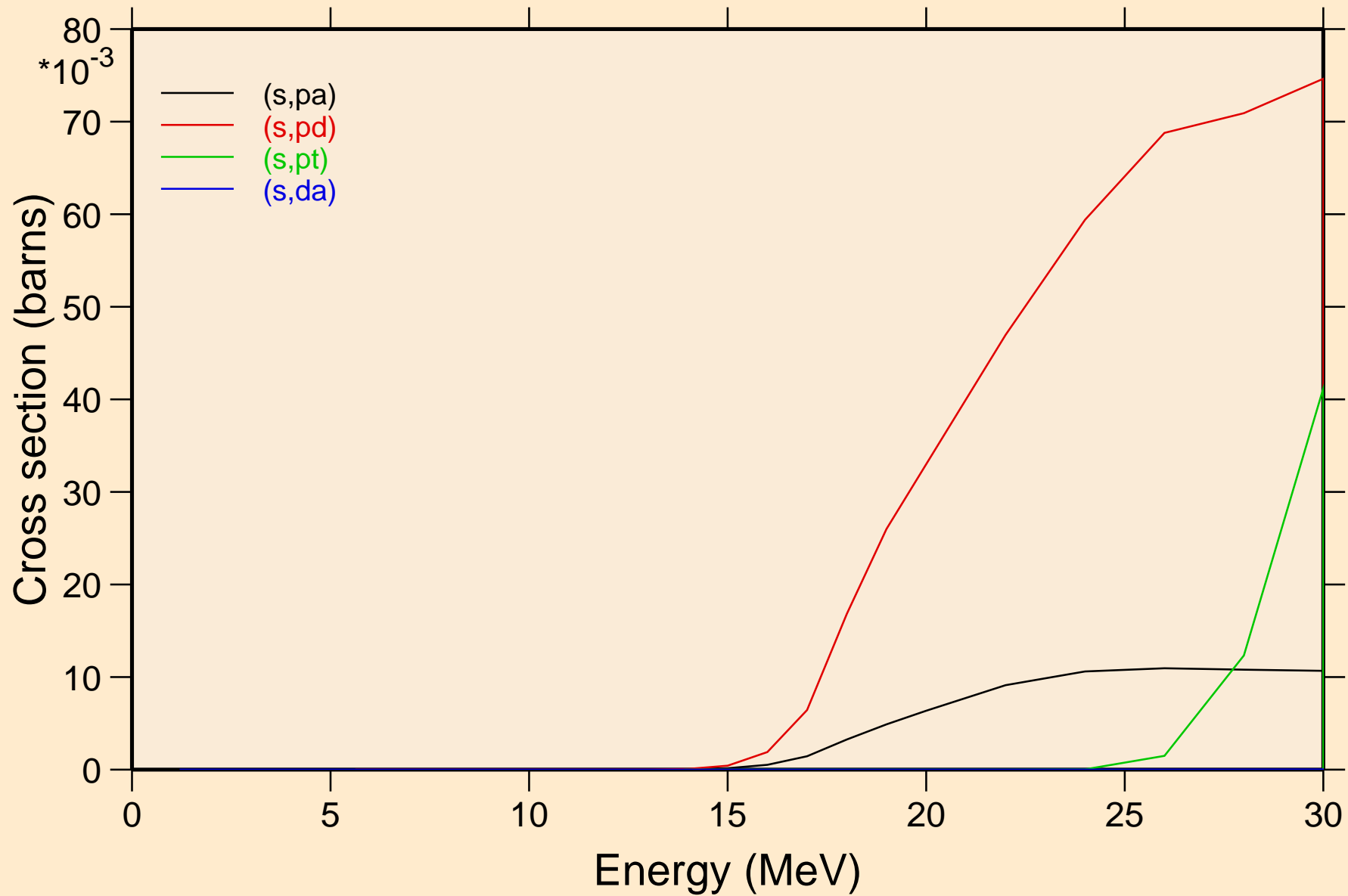


PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

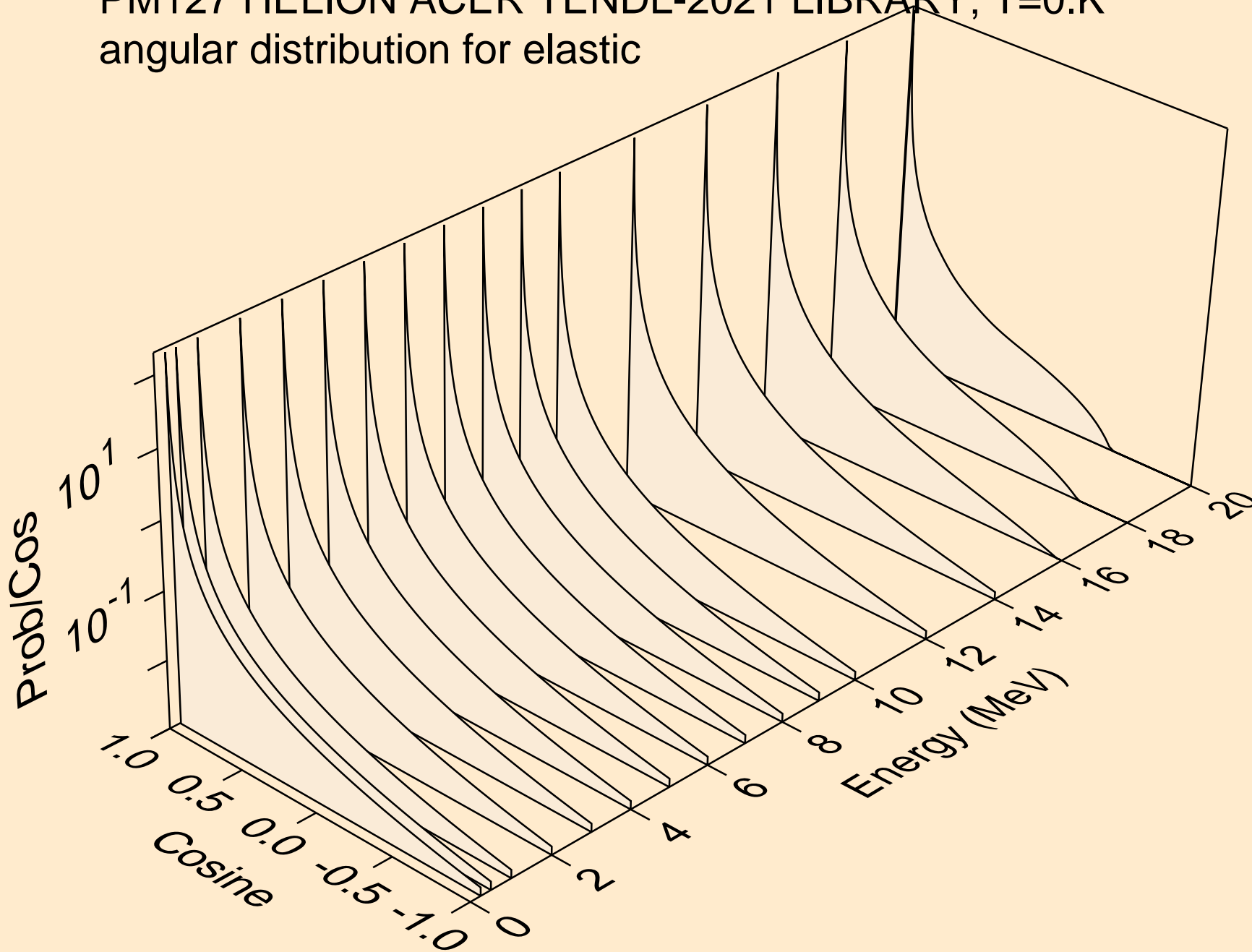




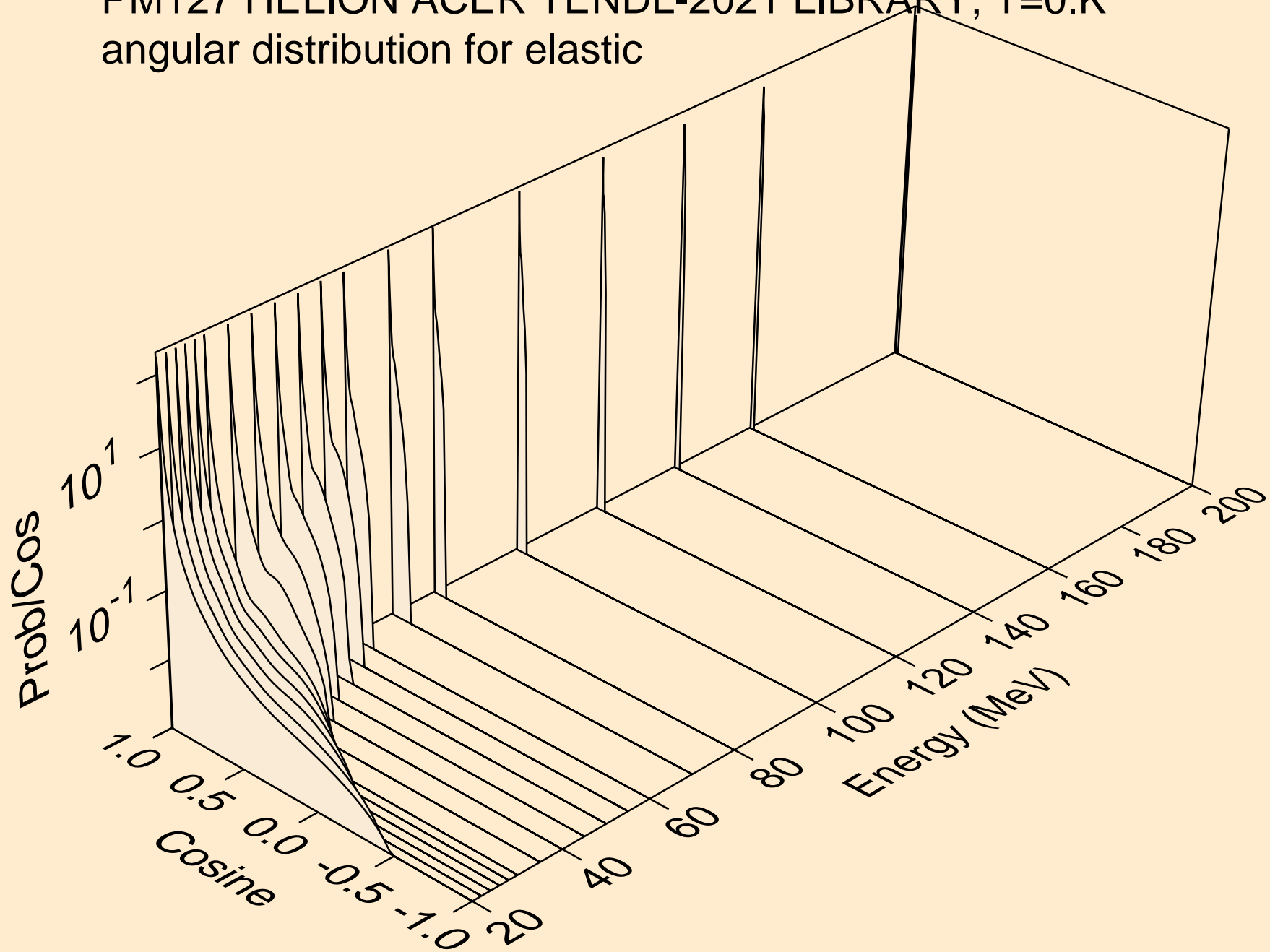
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



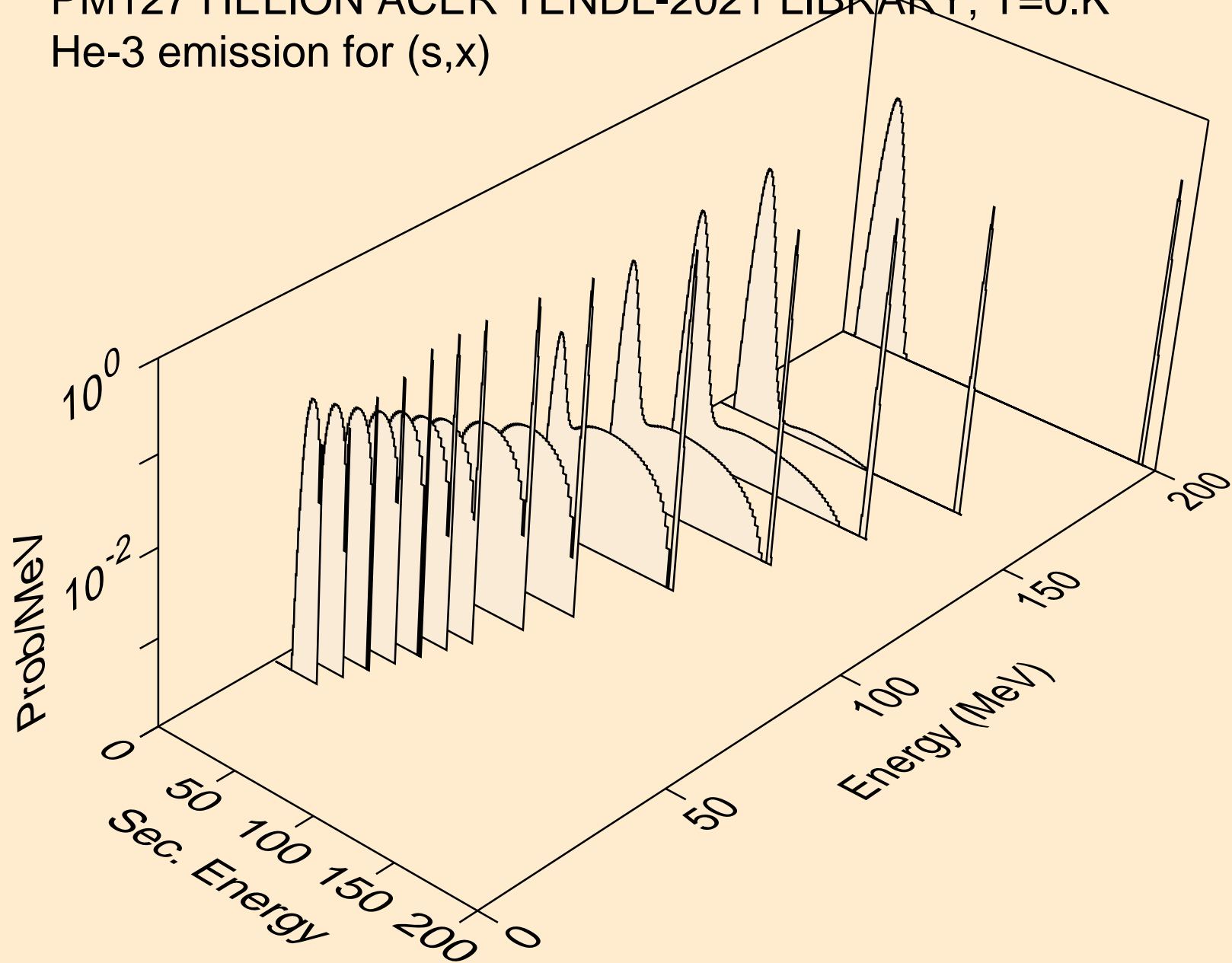
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



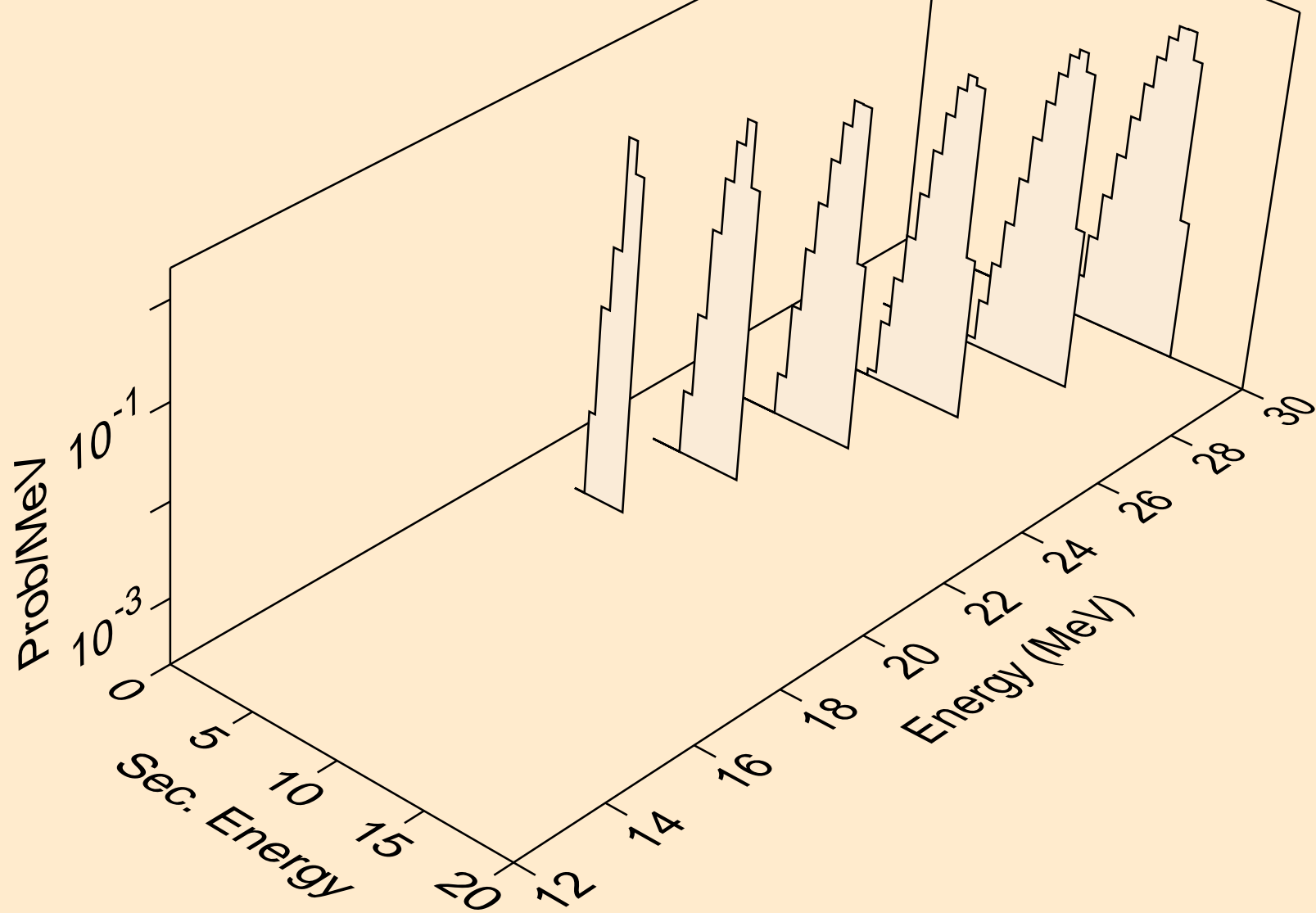
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



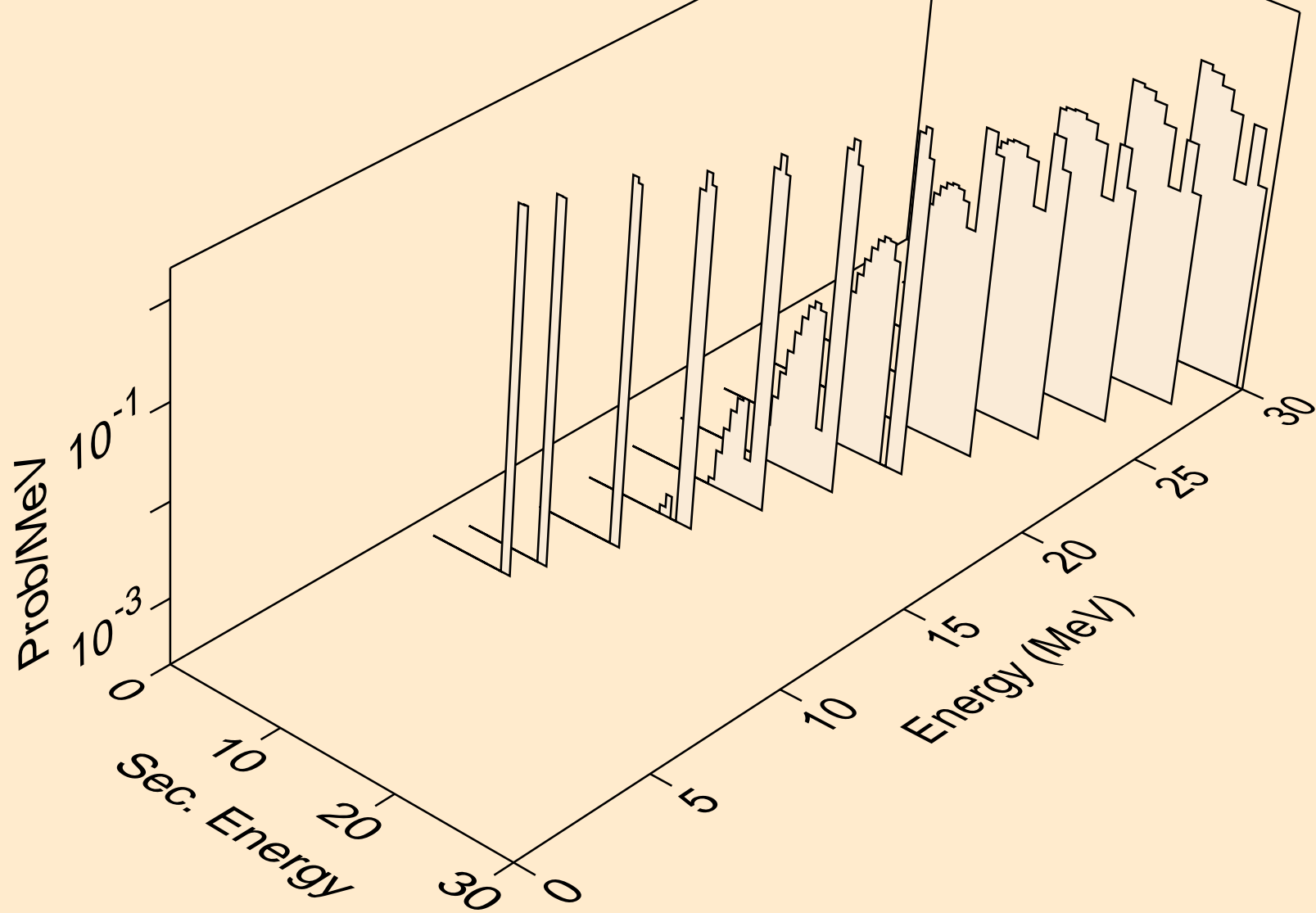
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,x)



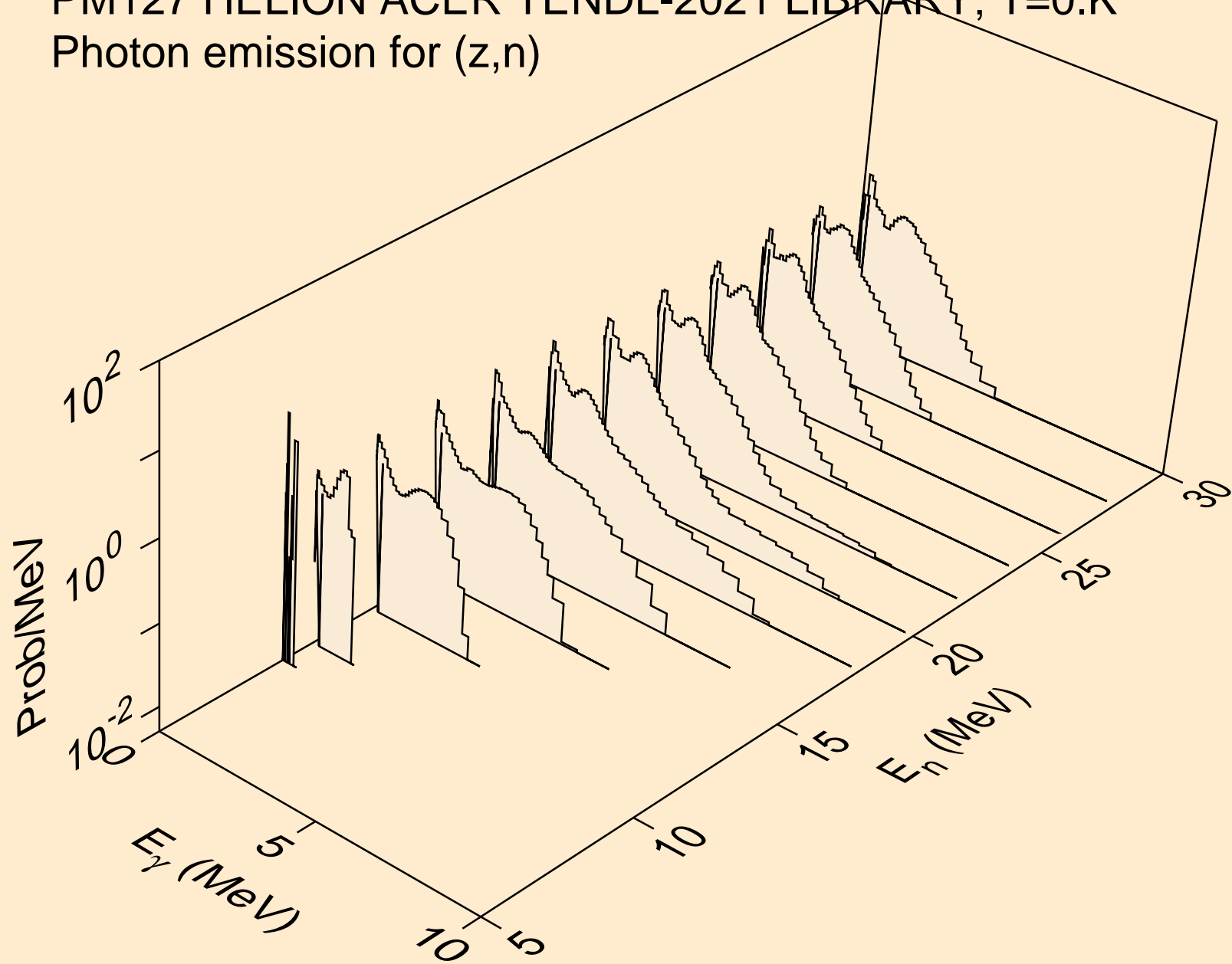
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for (s,n\*)he3



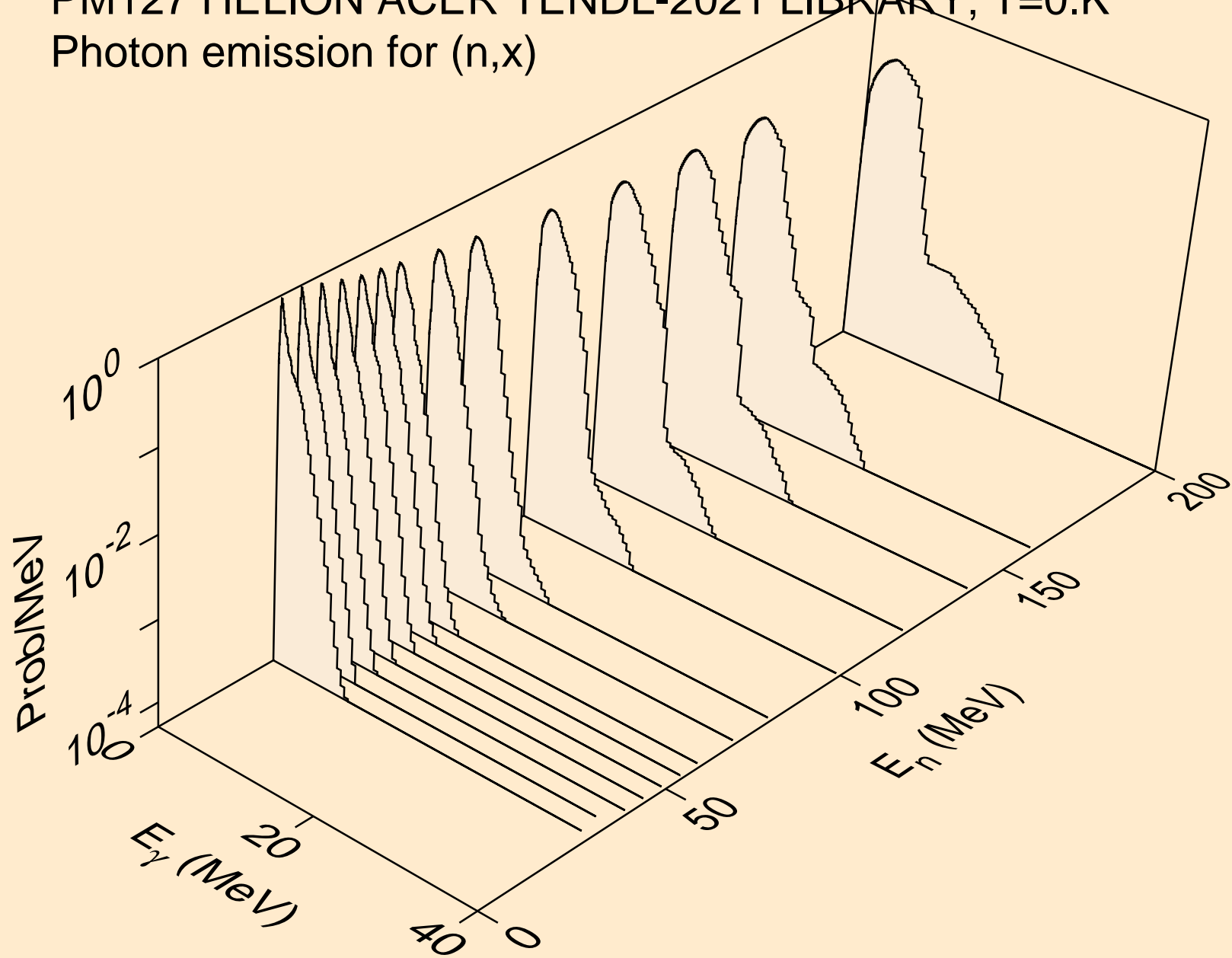
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
He-3 emission for inelastic



PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

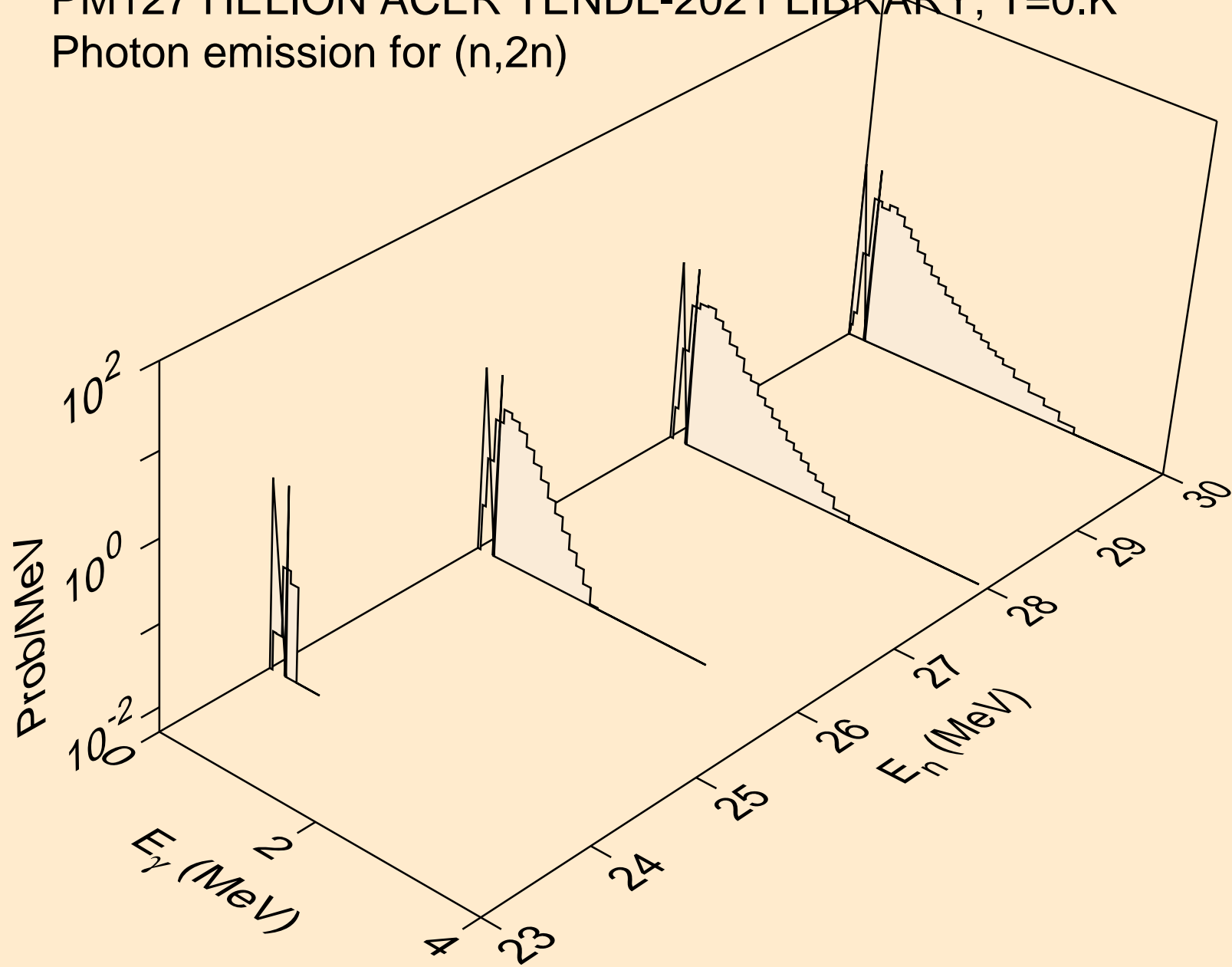


PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)

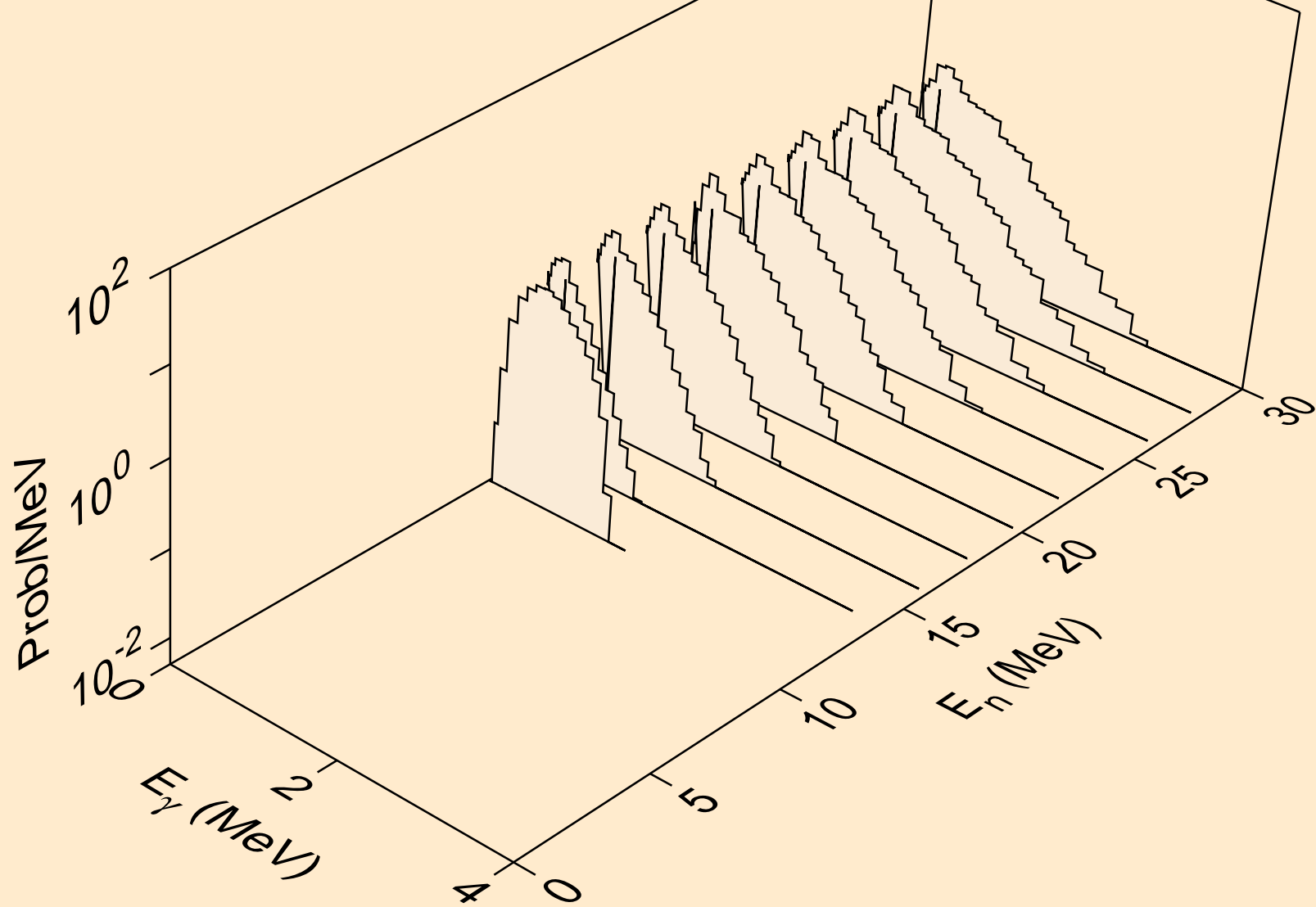




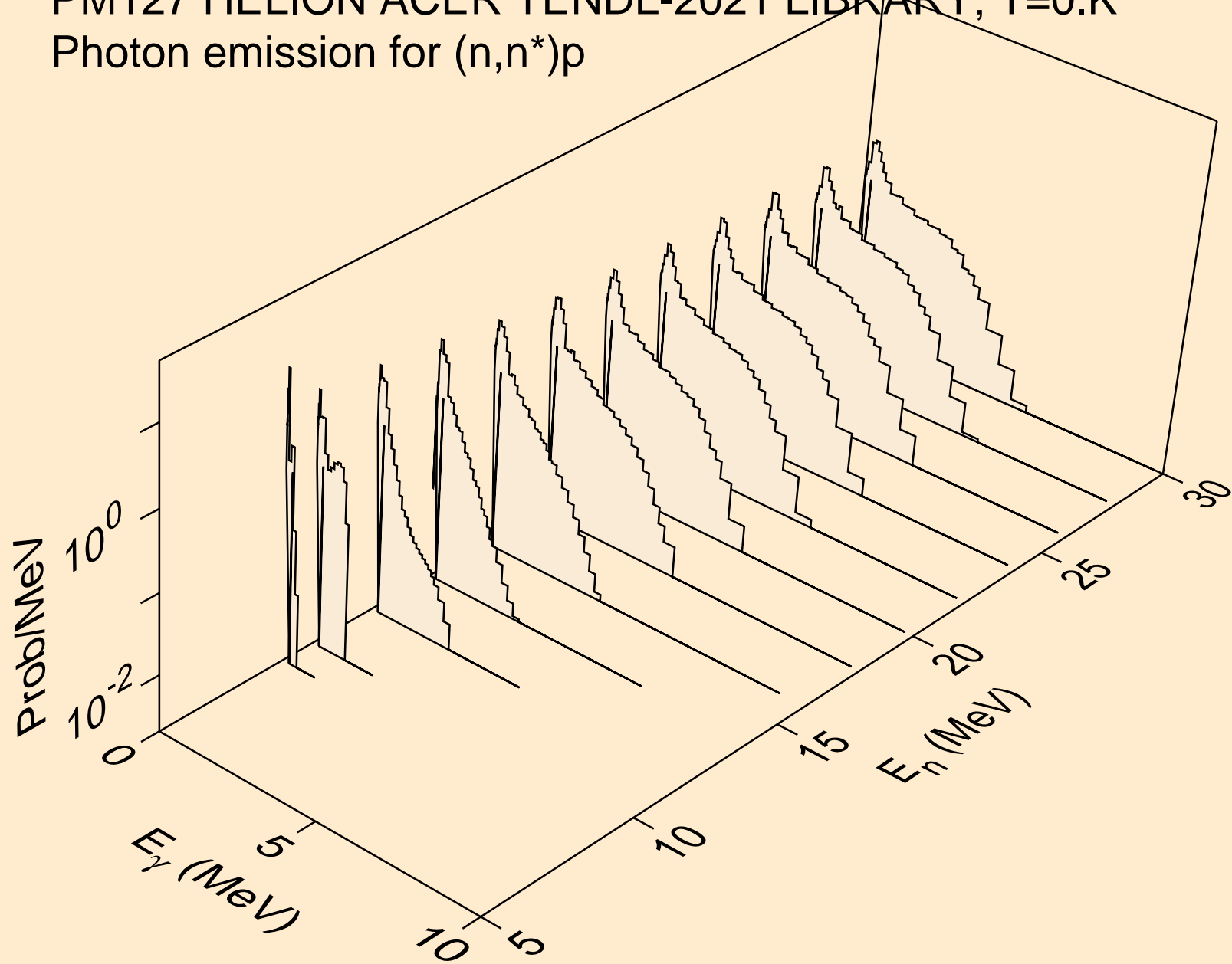
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



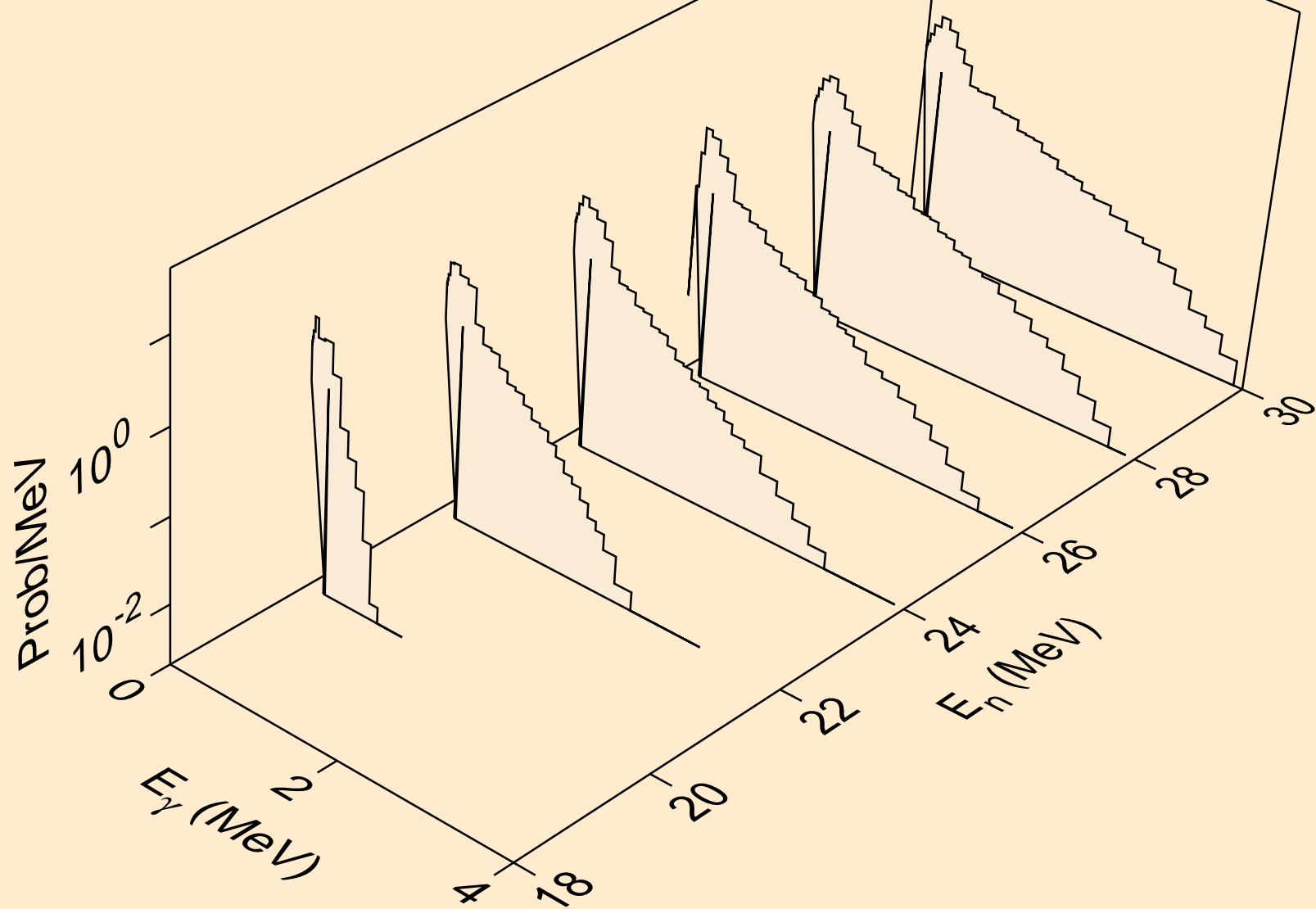
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



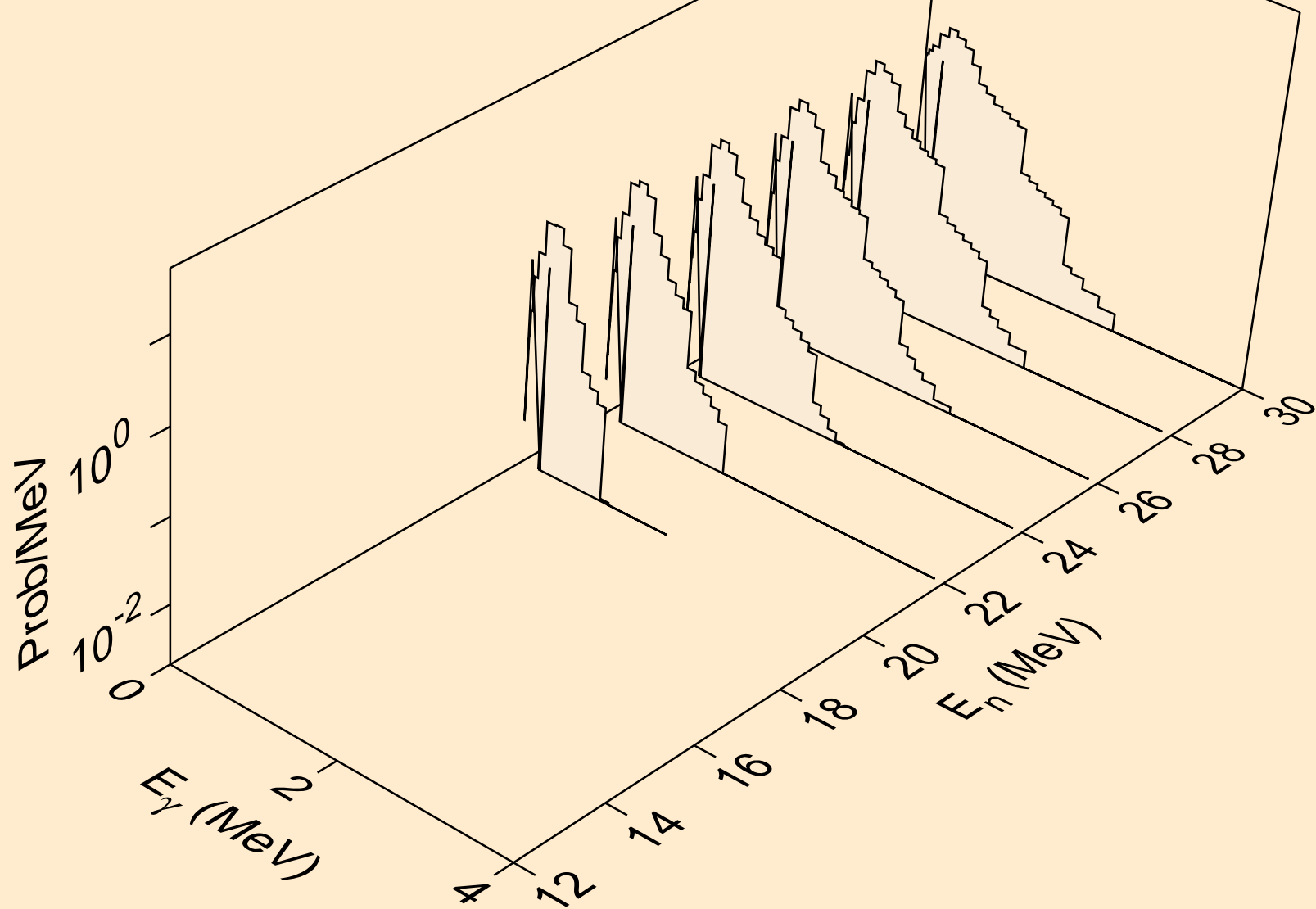
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



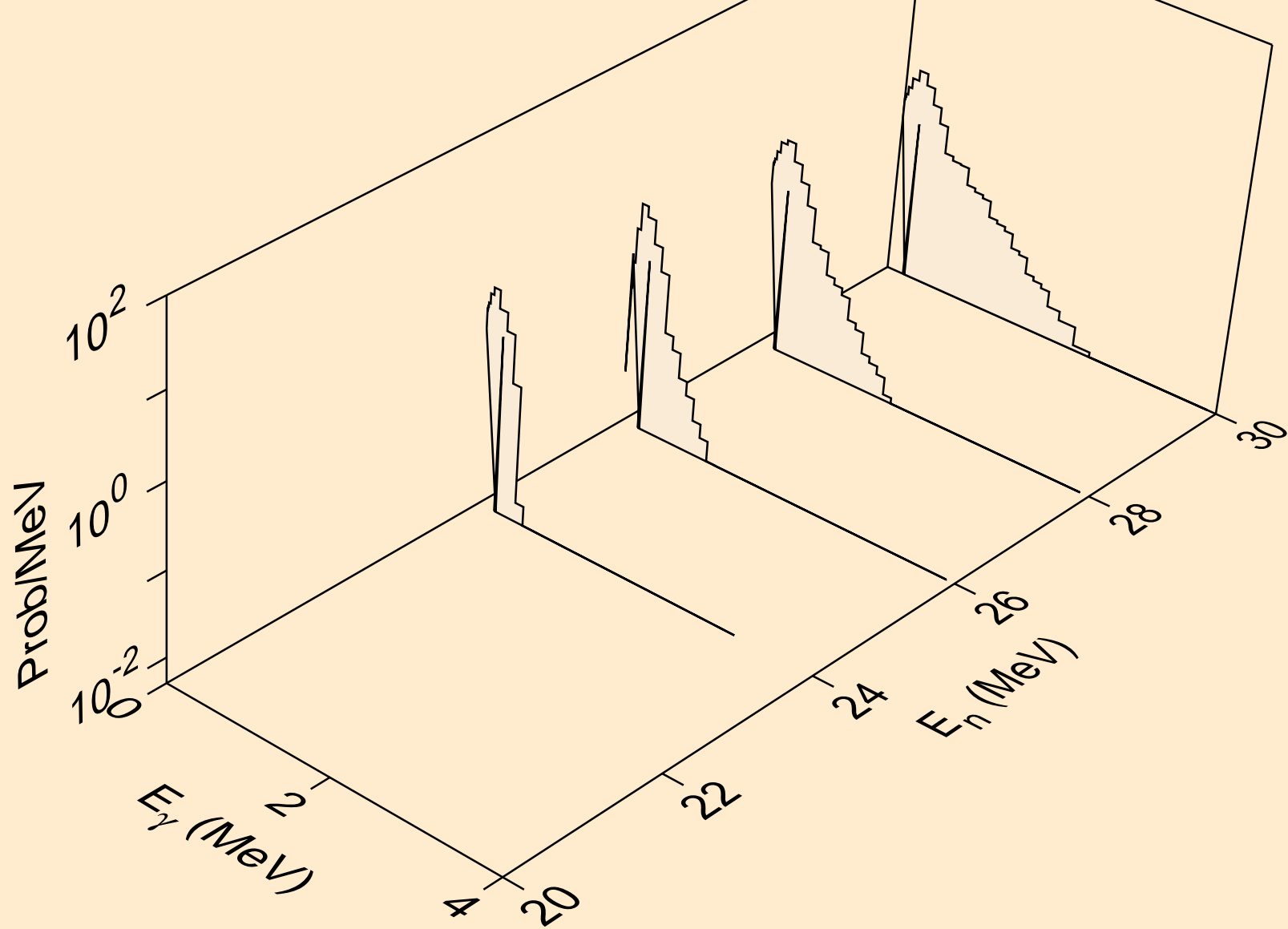
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



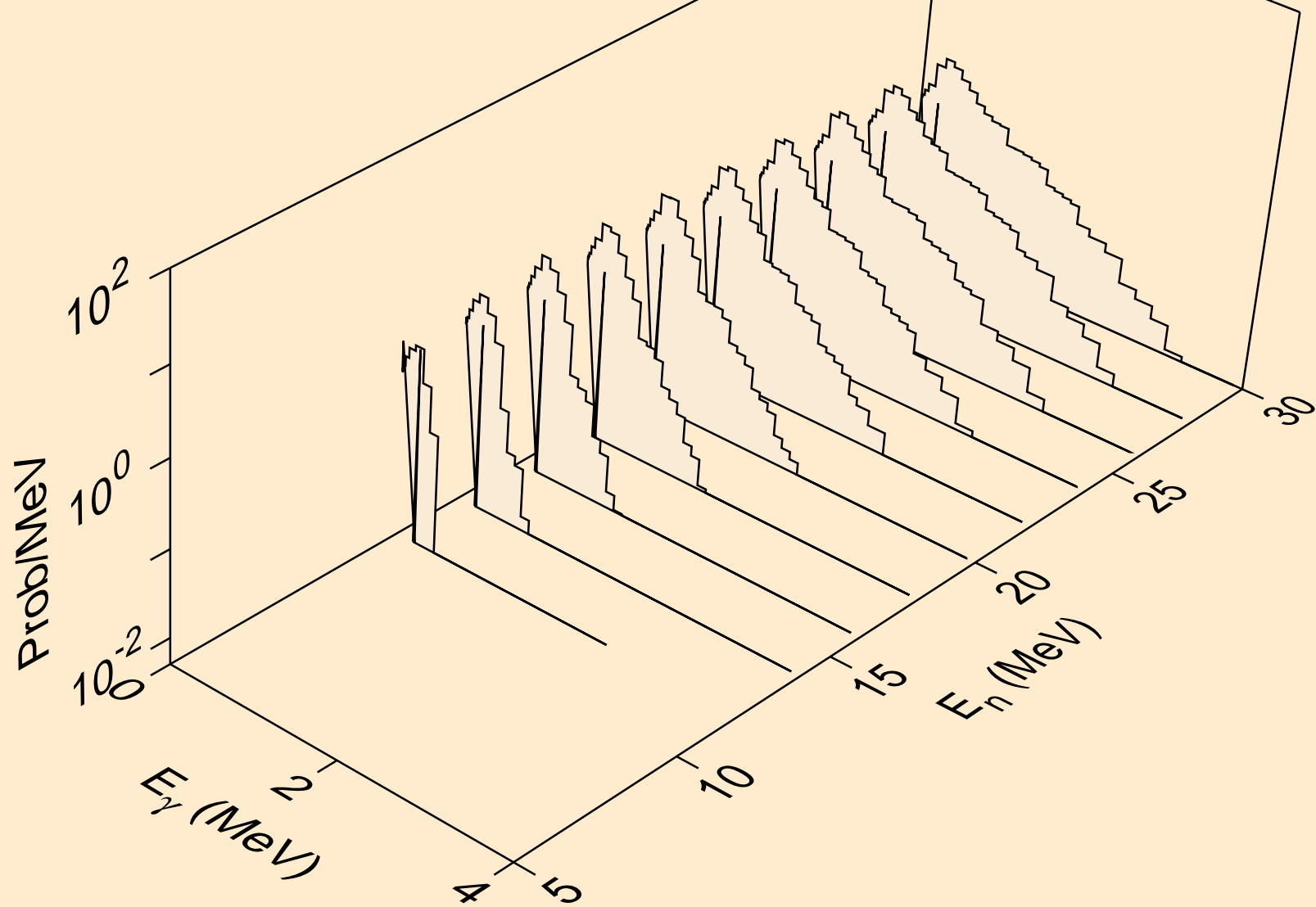
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



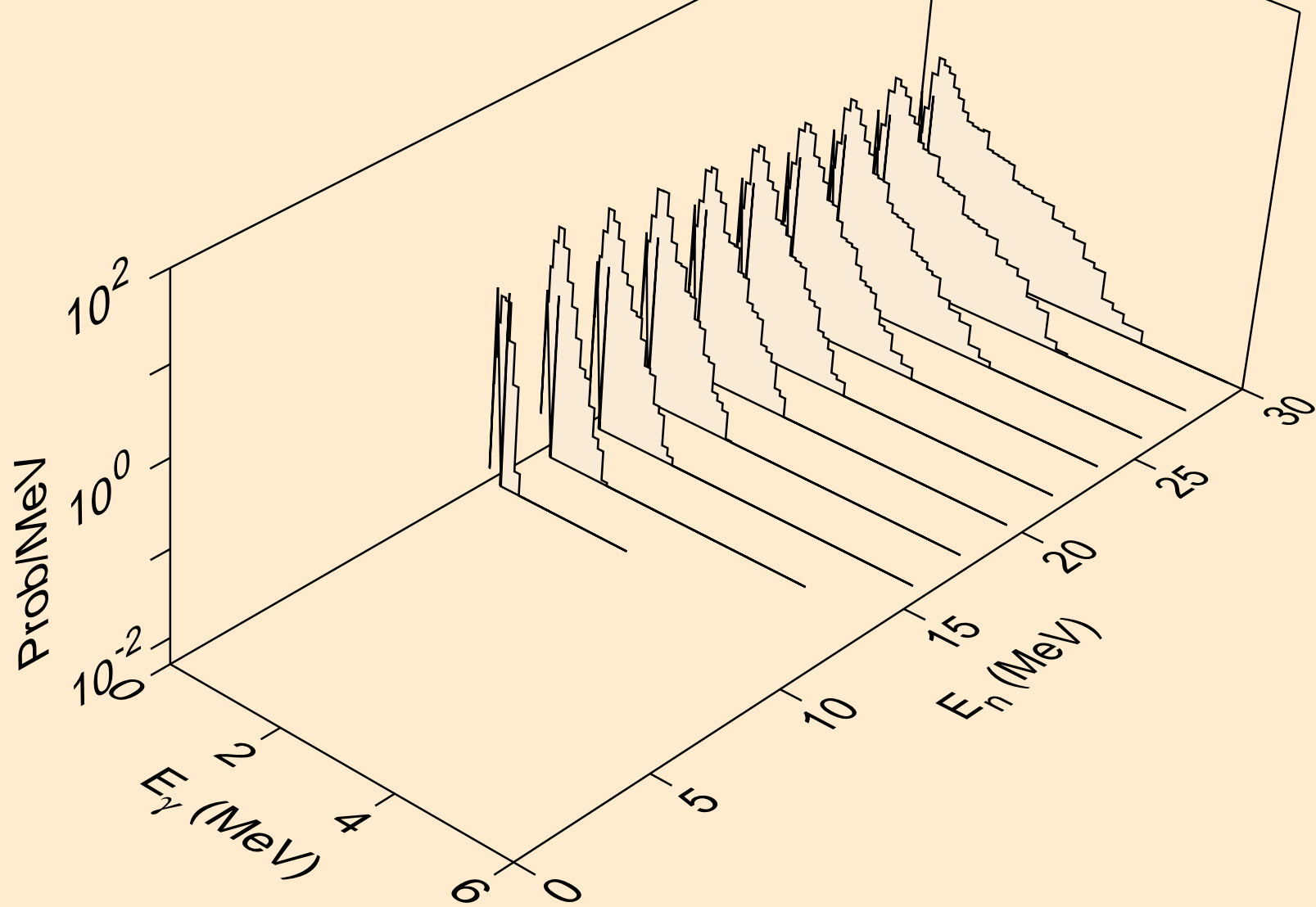
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

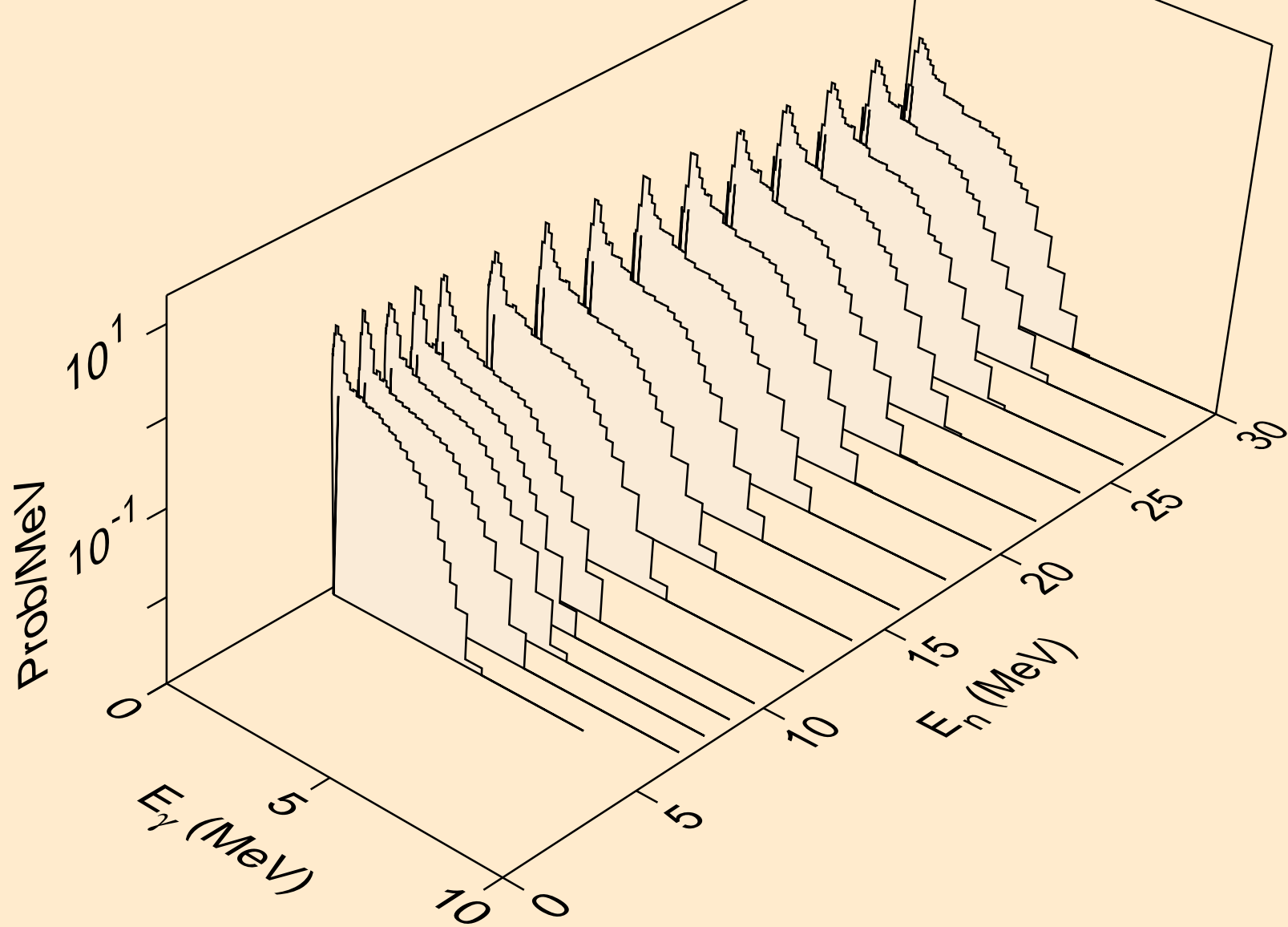


PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

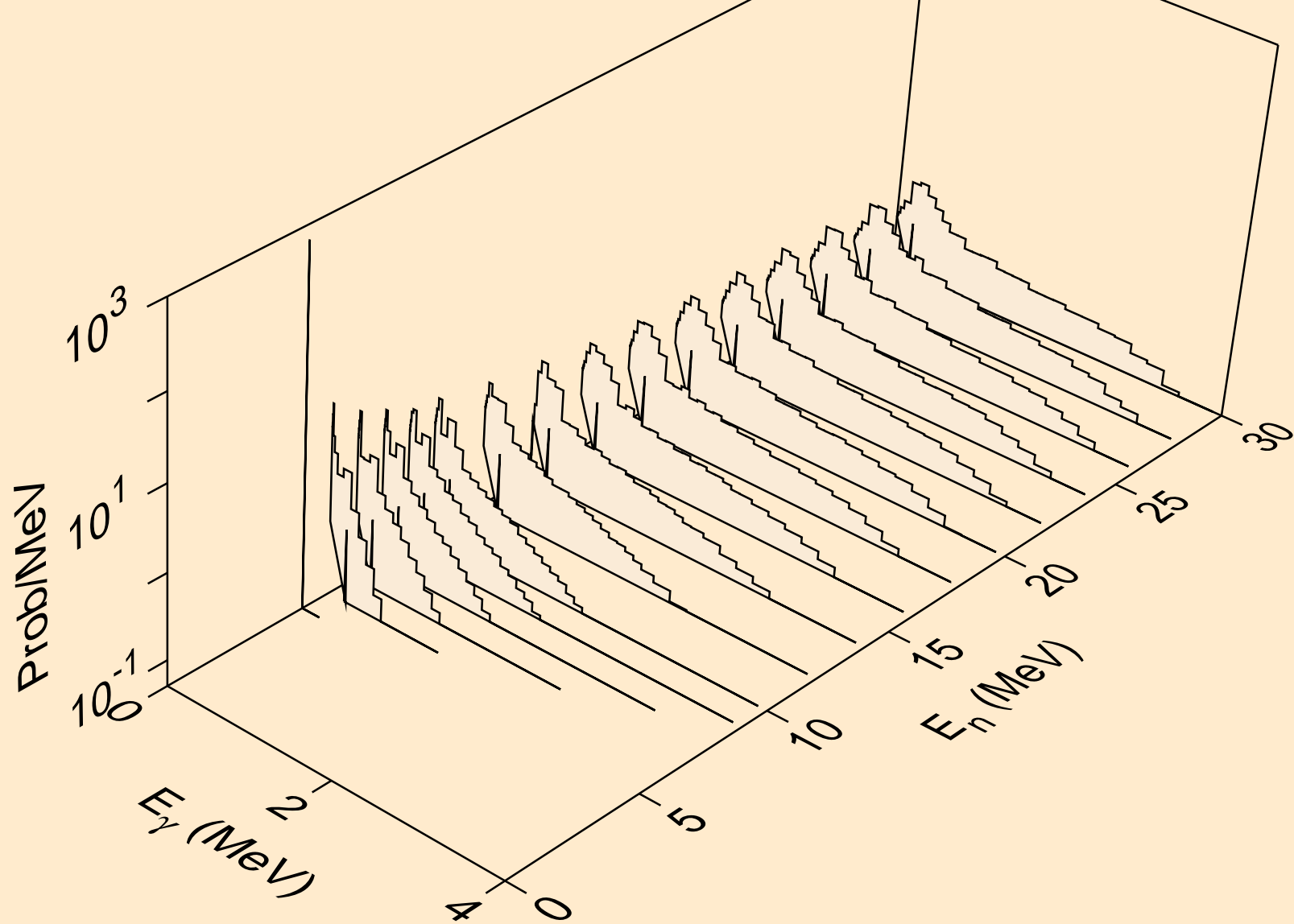




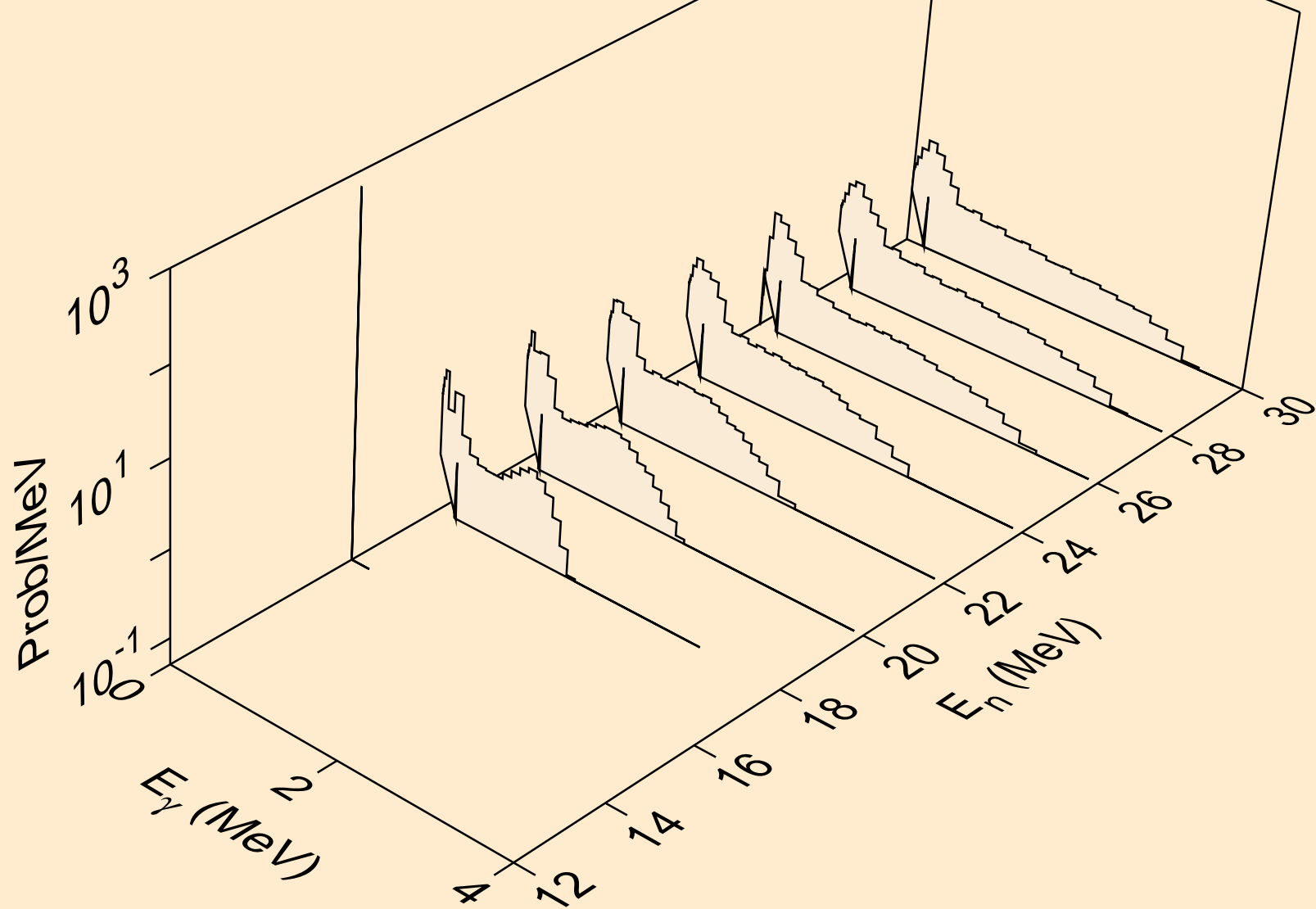
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



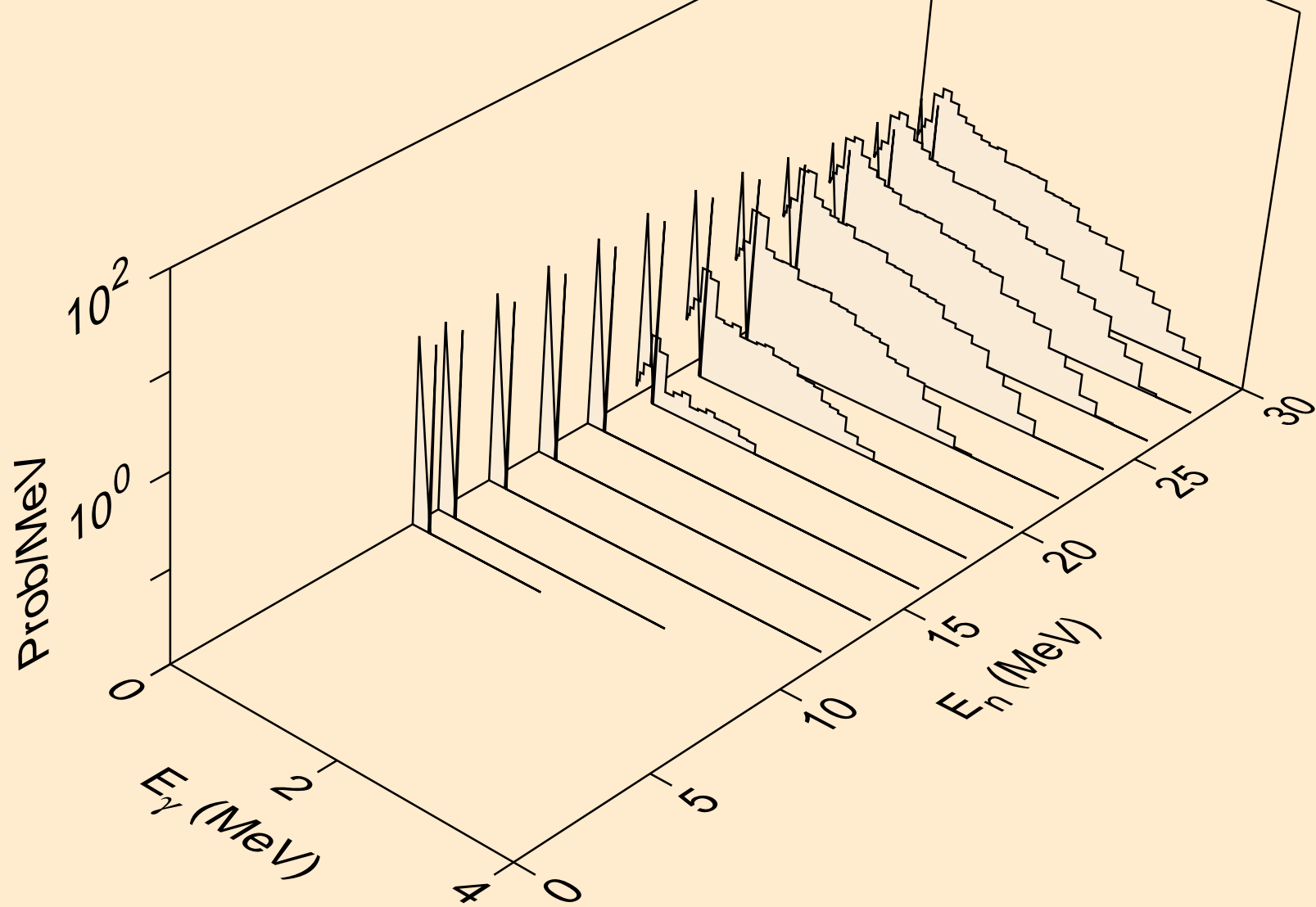
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



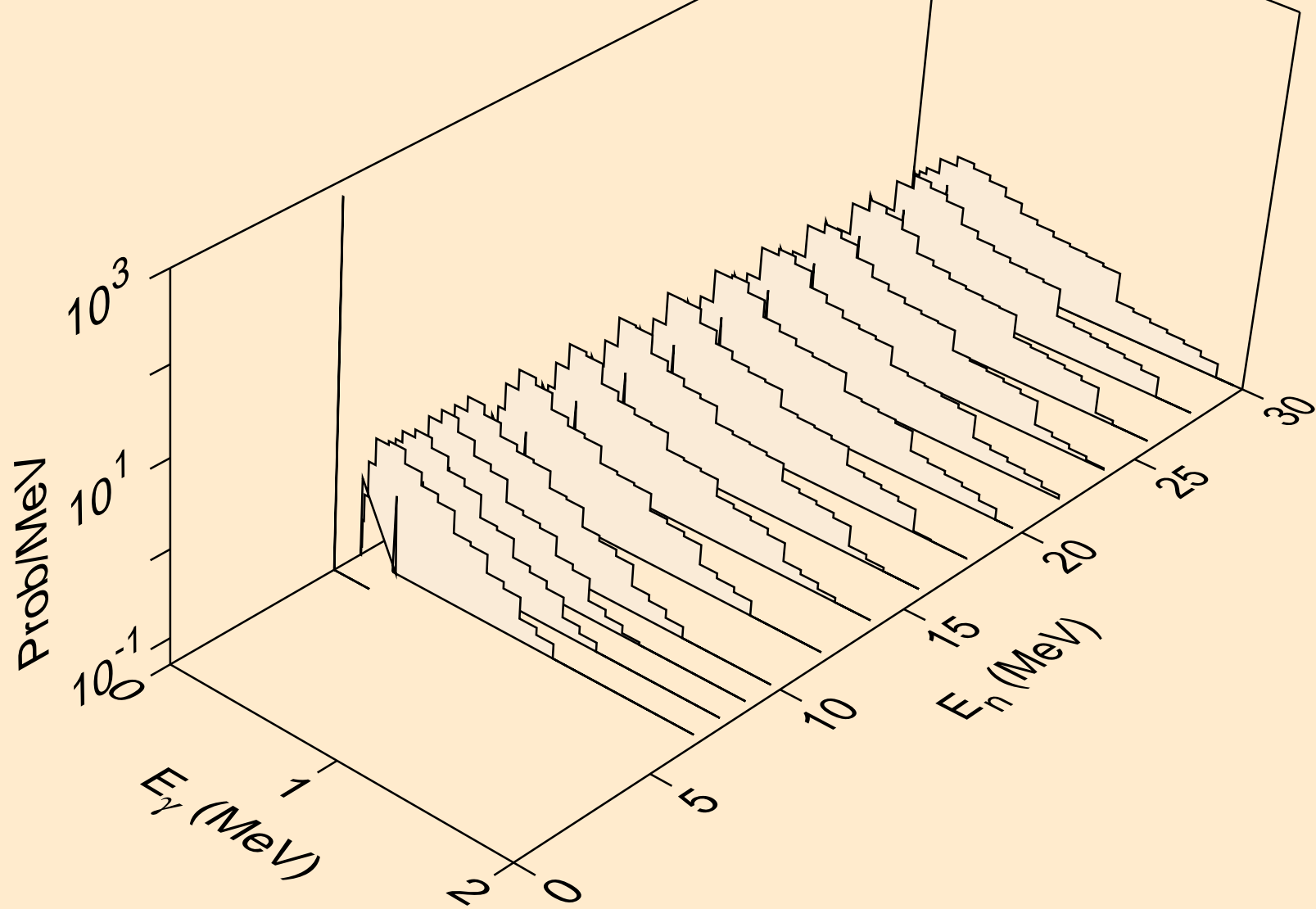
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



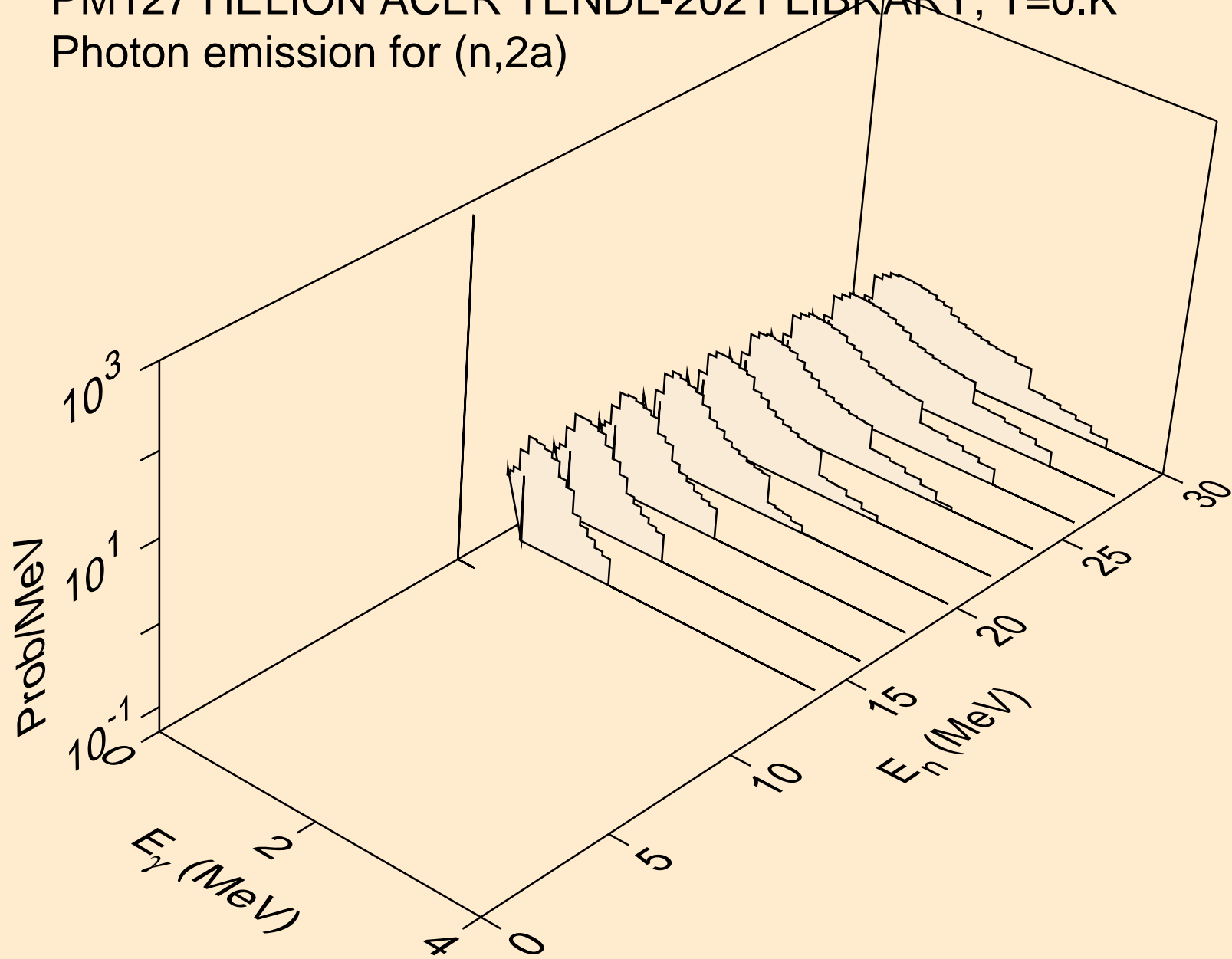
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



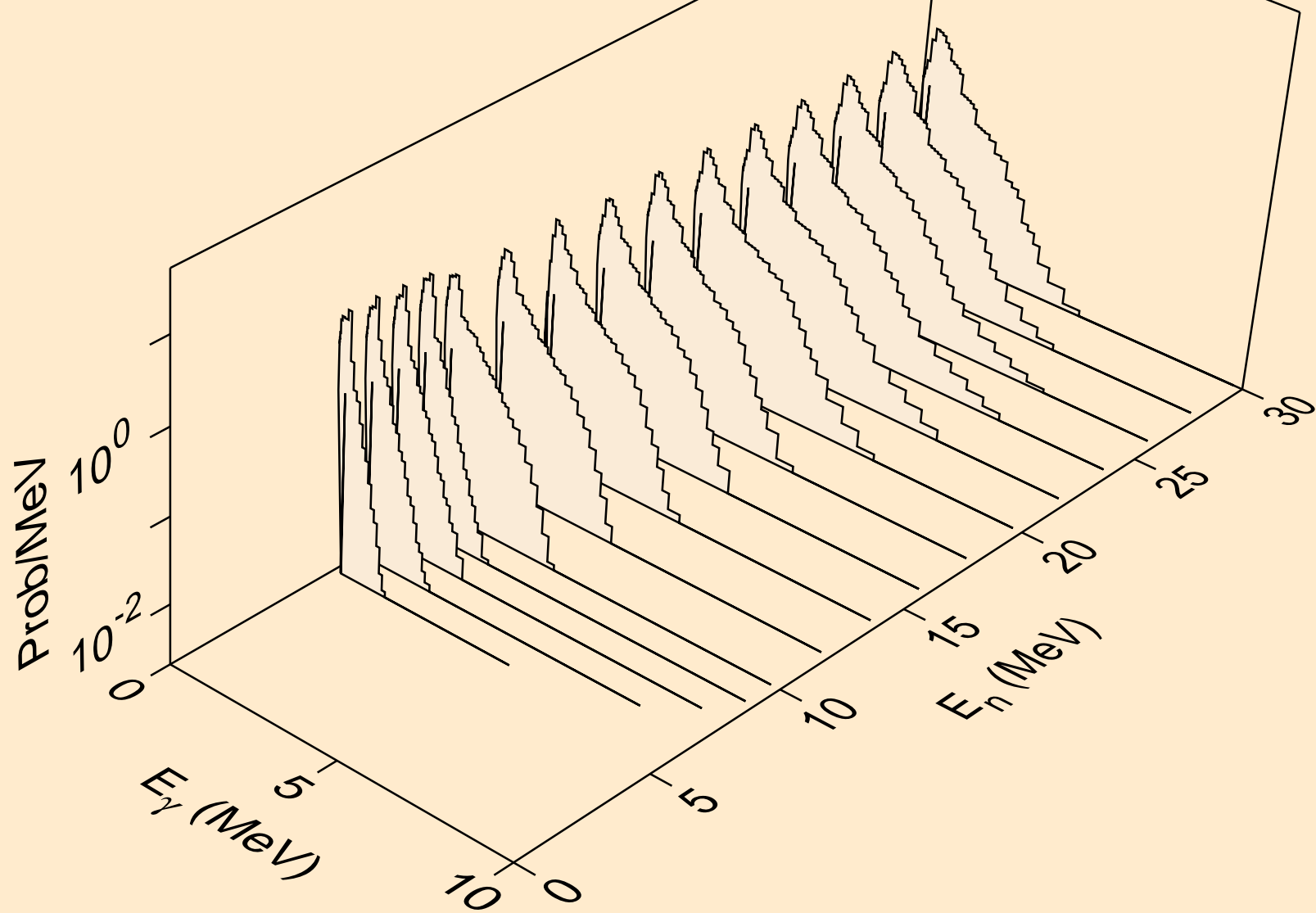
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



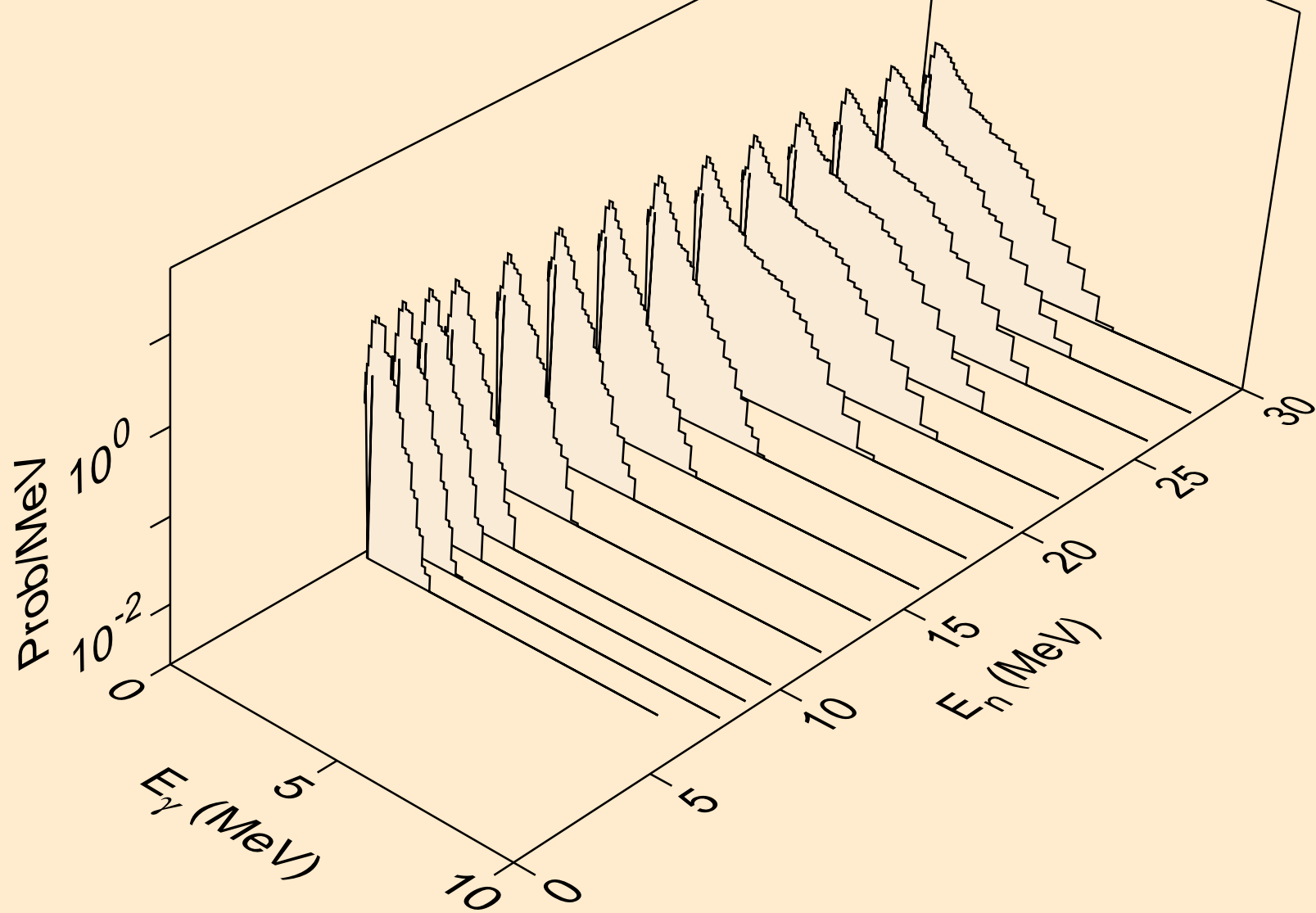
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

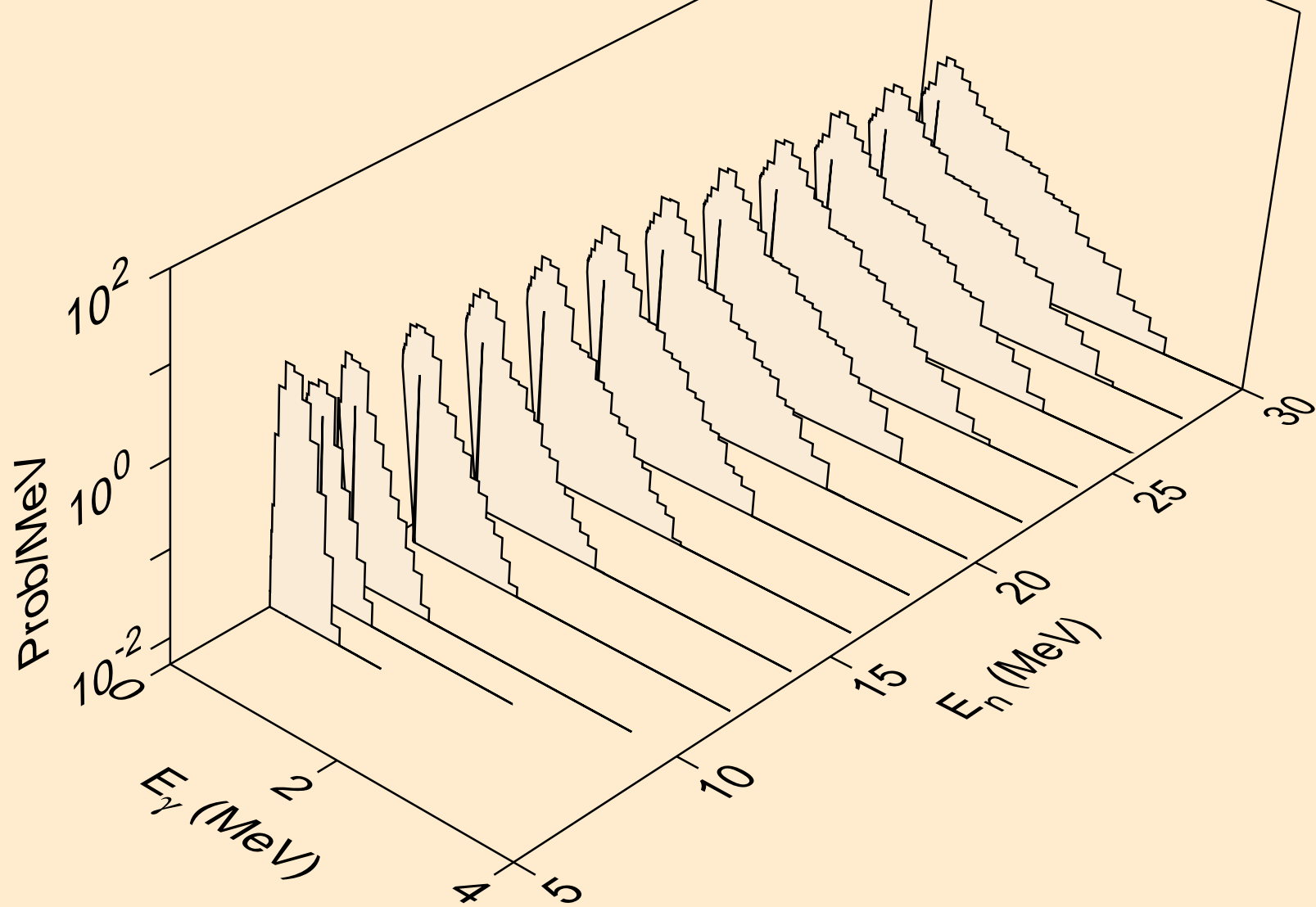


PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

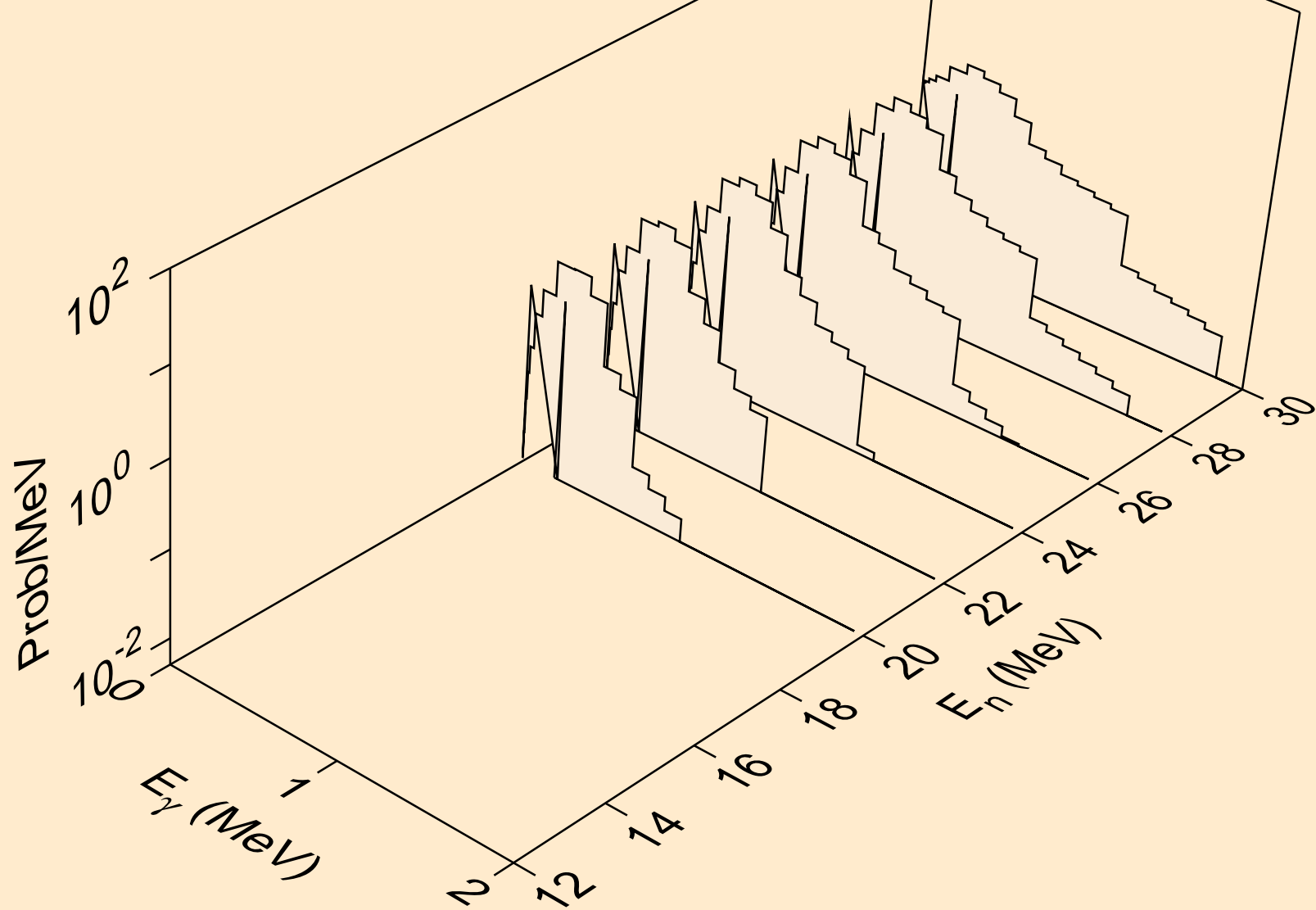




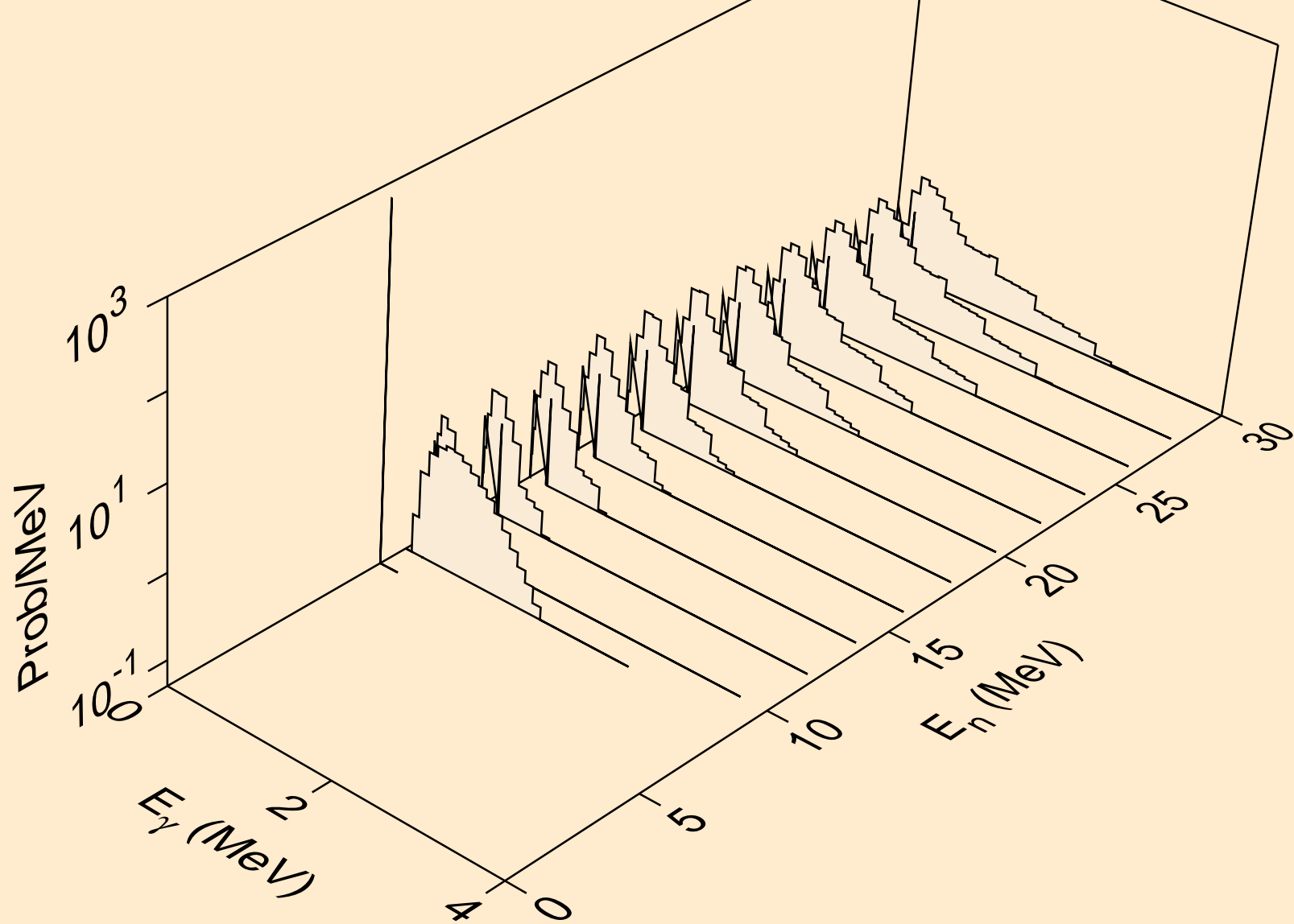
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

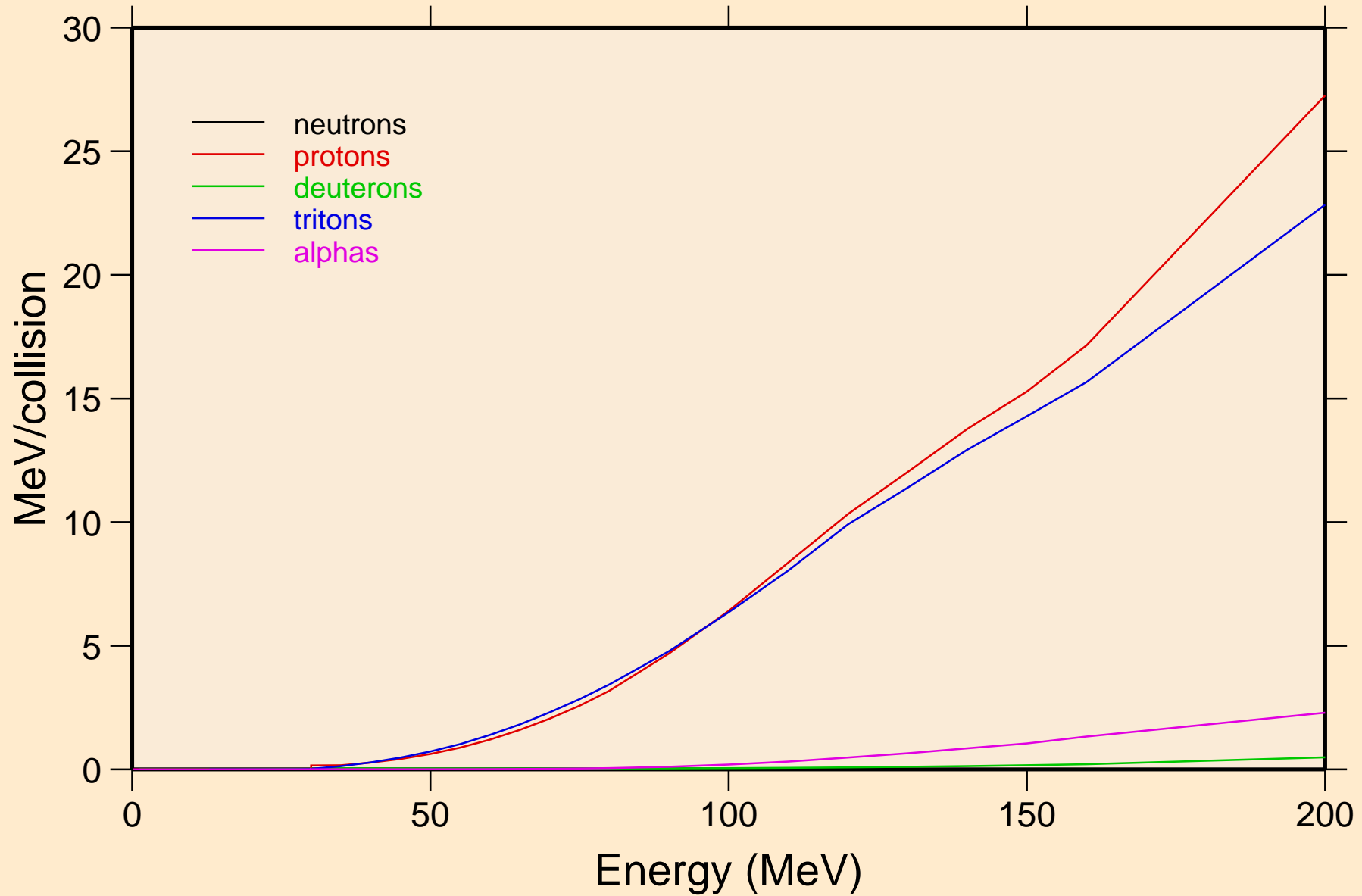


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Photon emission for (n,da)

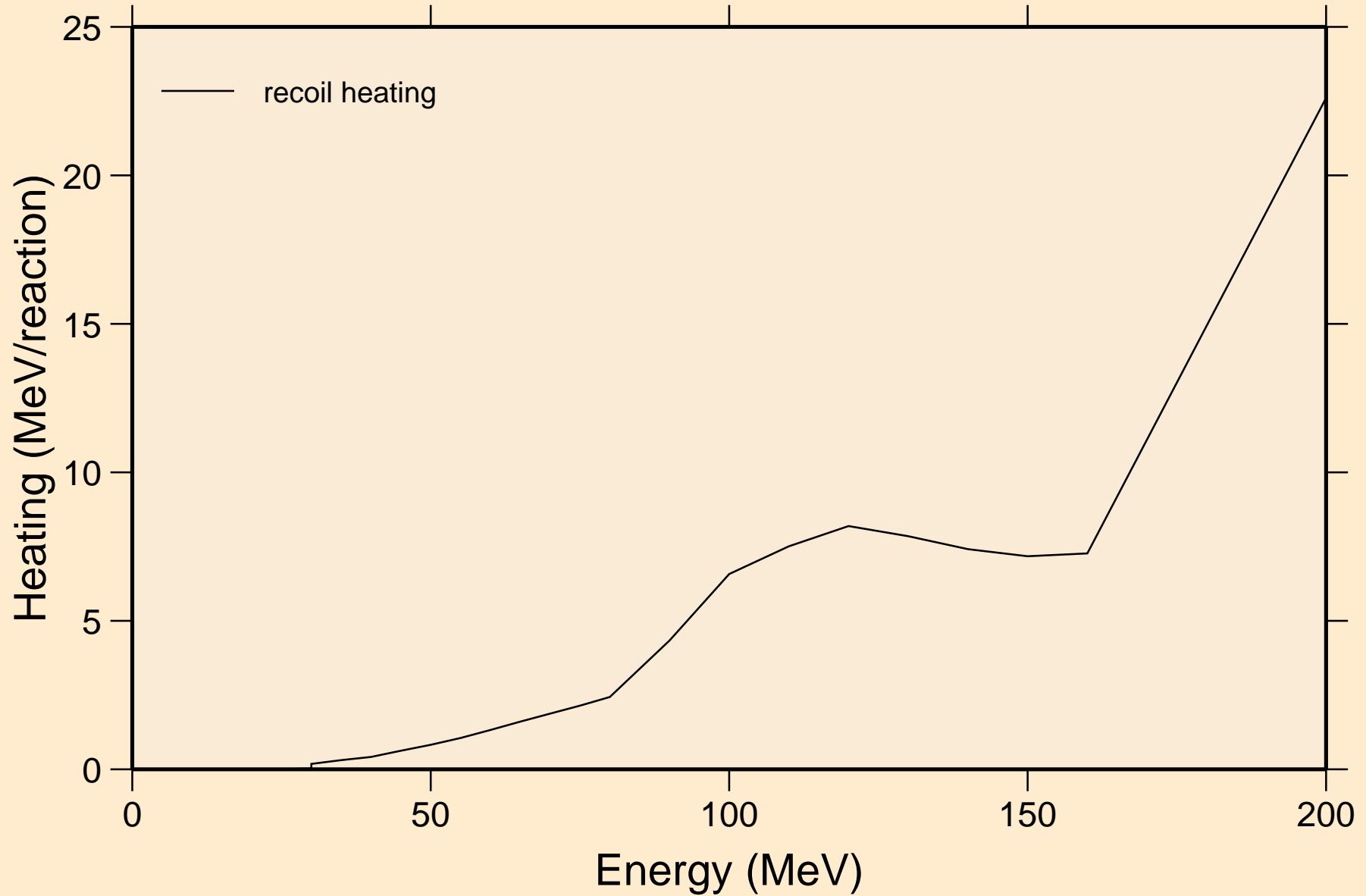


# PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K

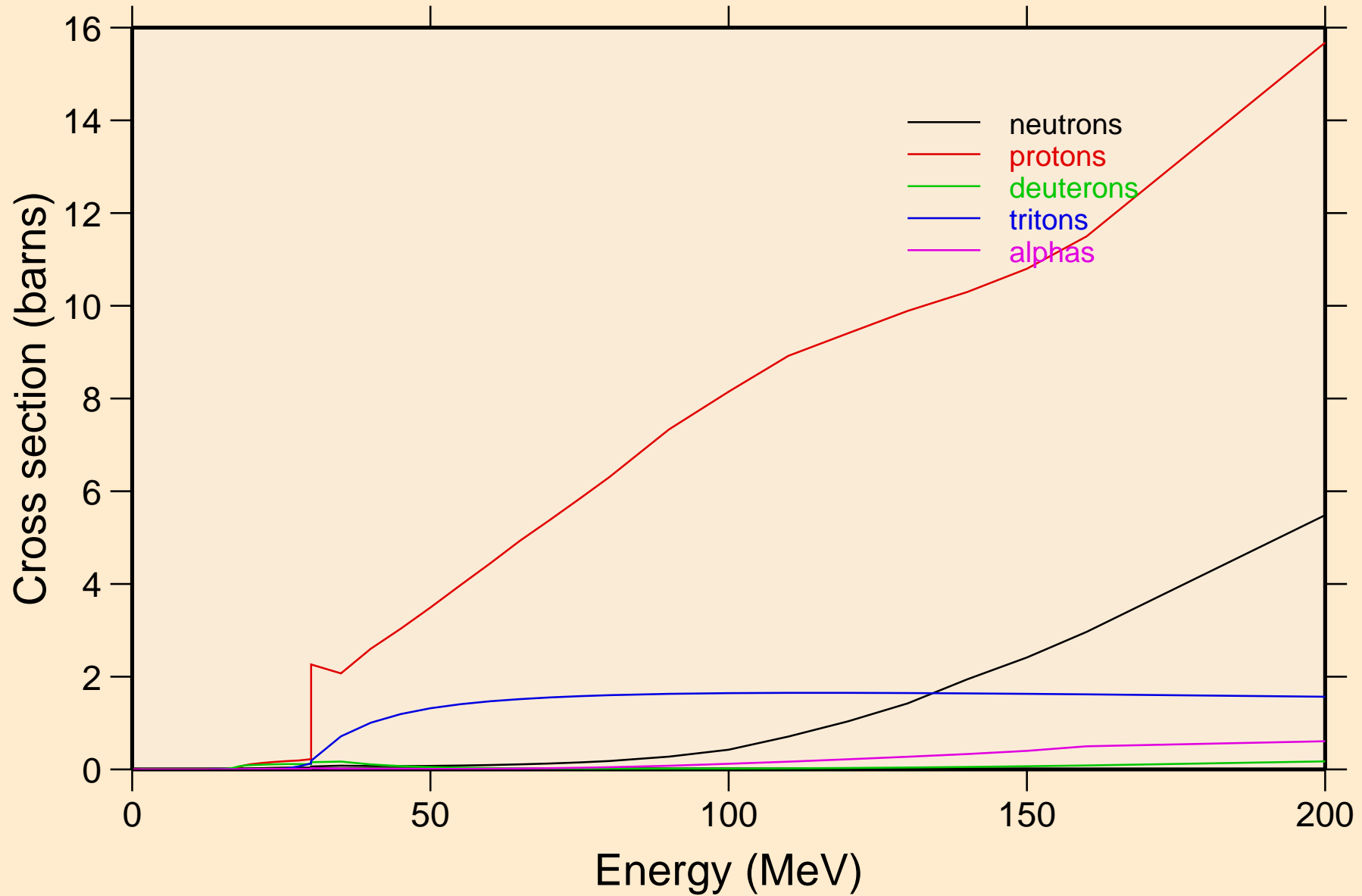
## Particle heating contributions



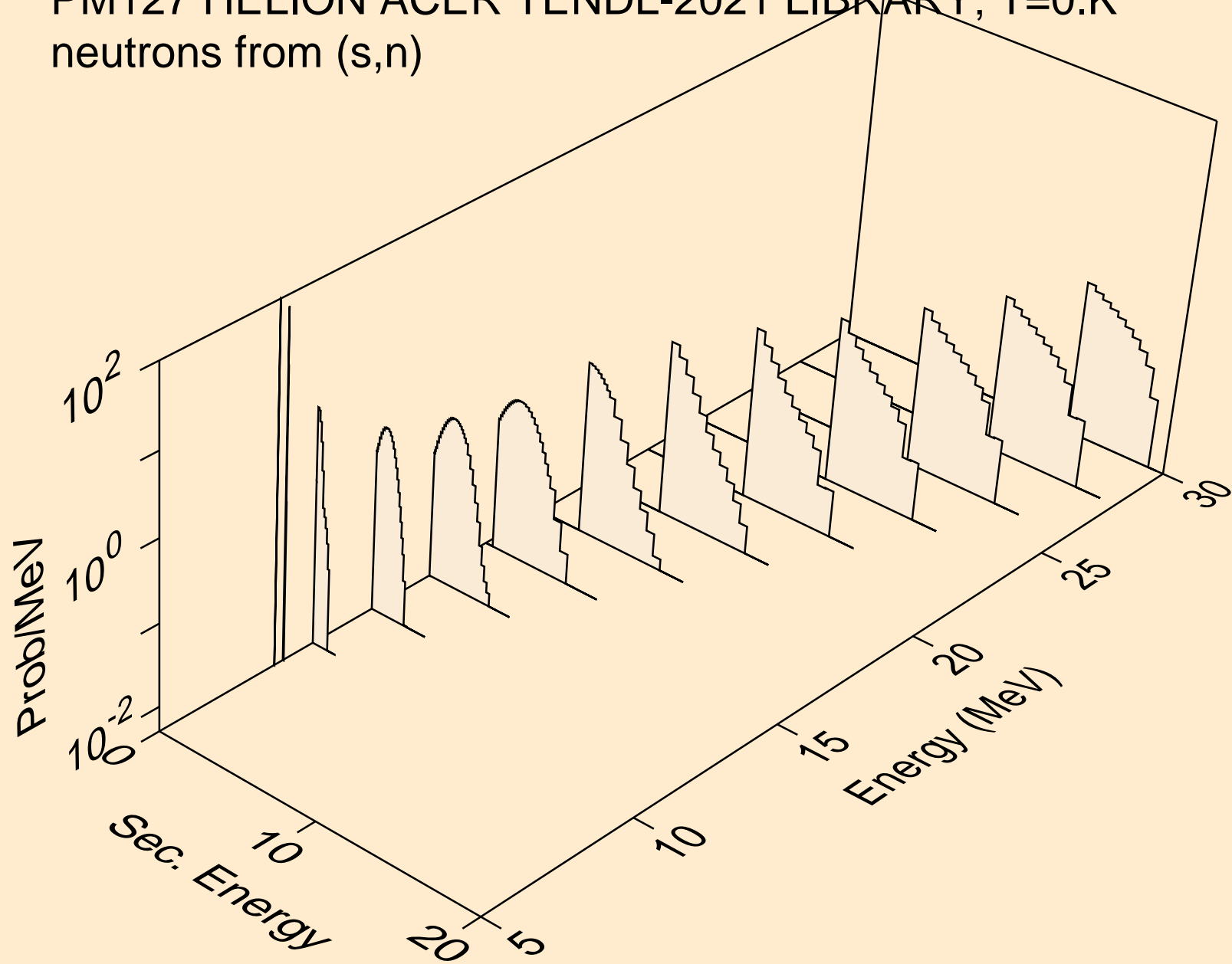
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



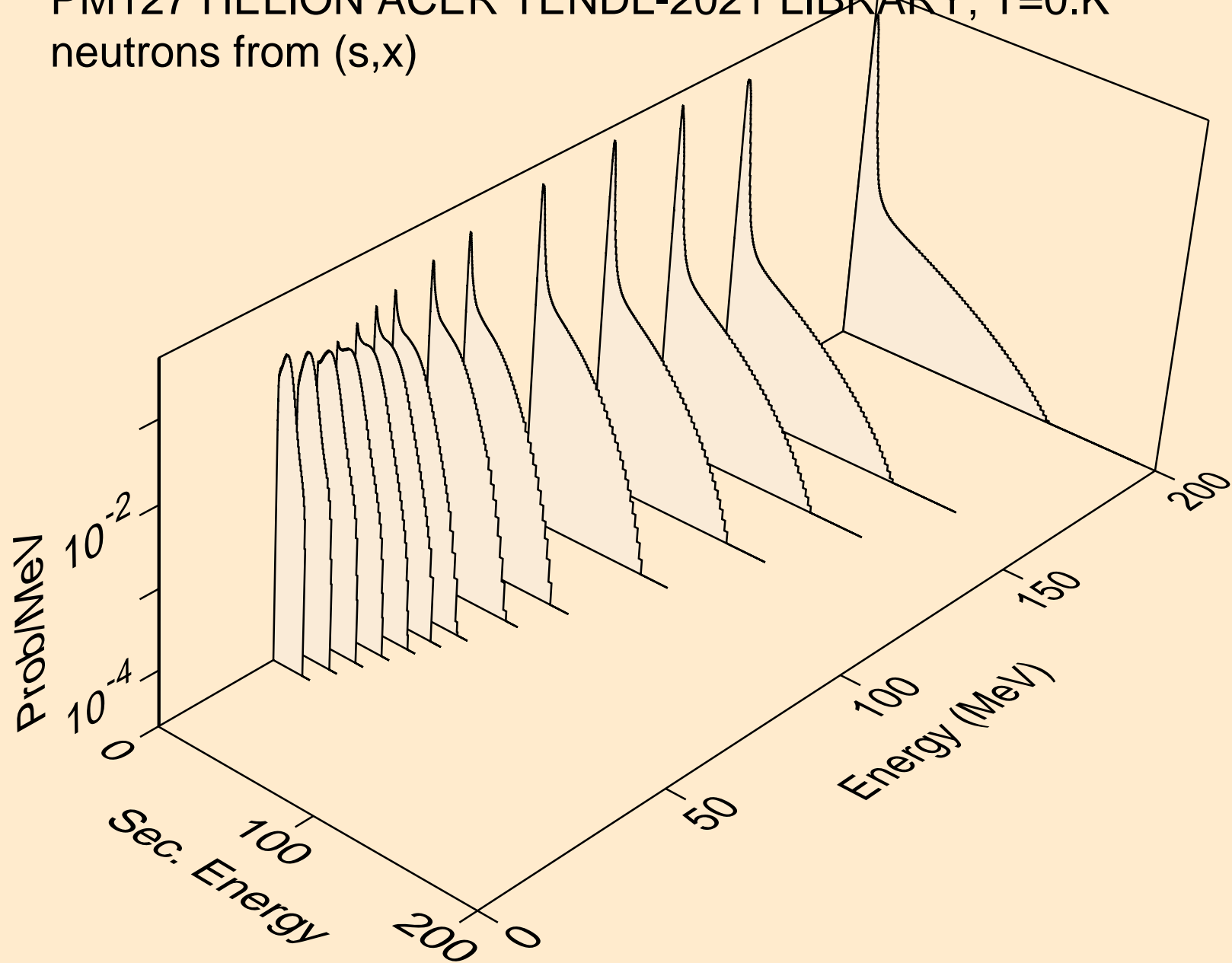
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n)

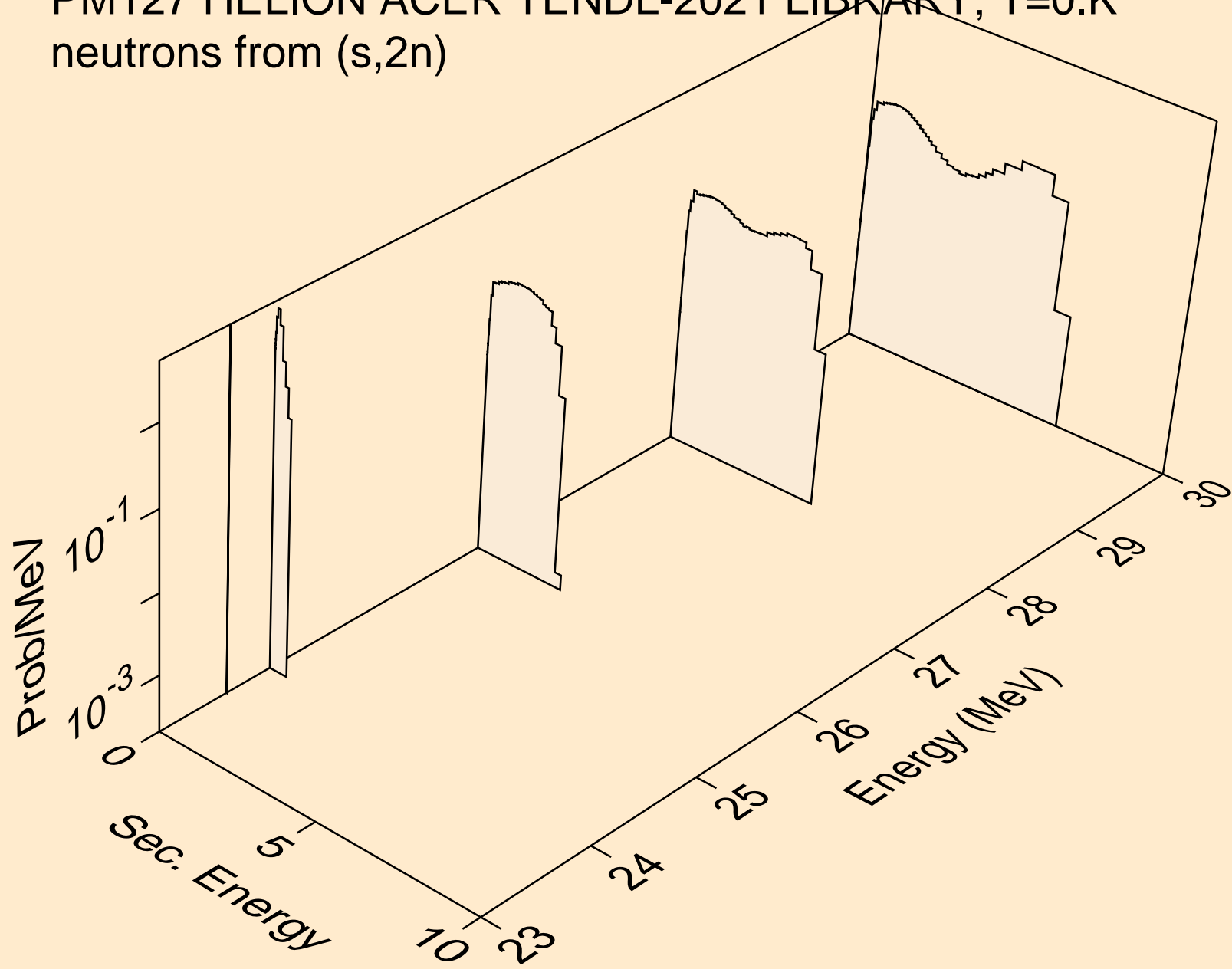


PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,x)

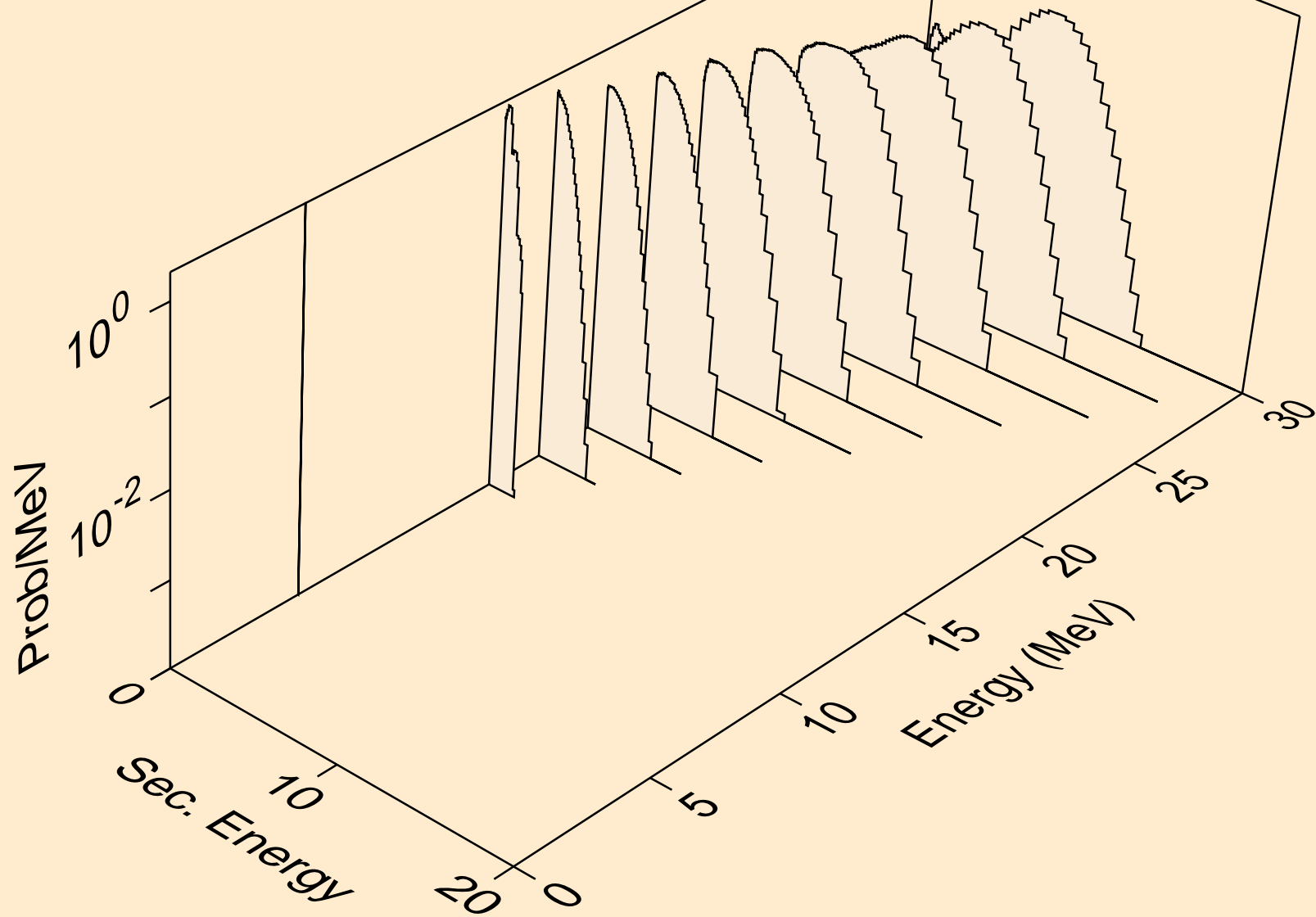




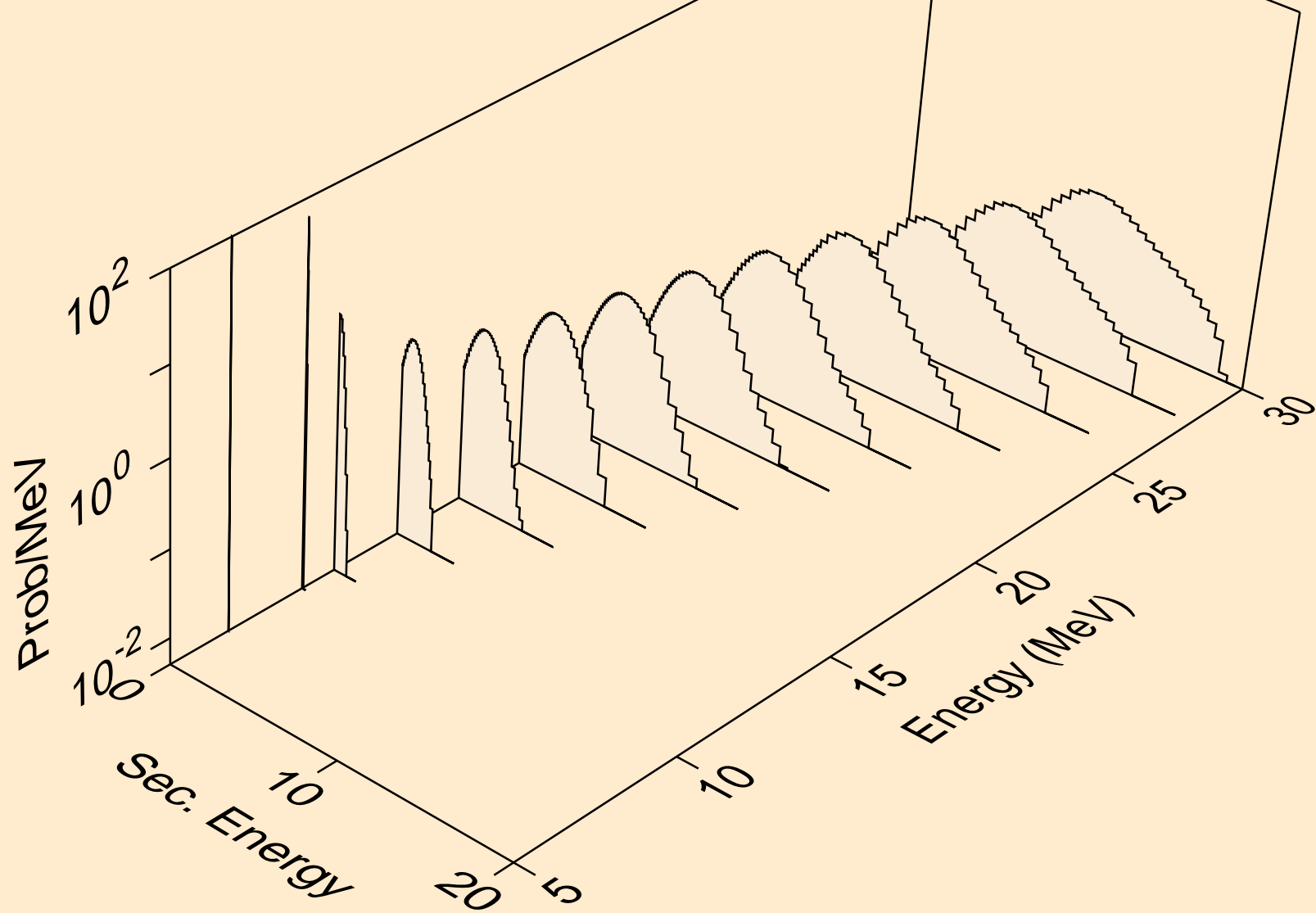
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2n)



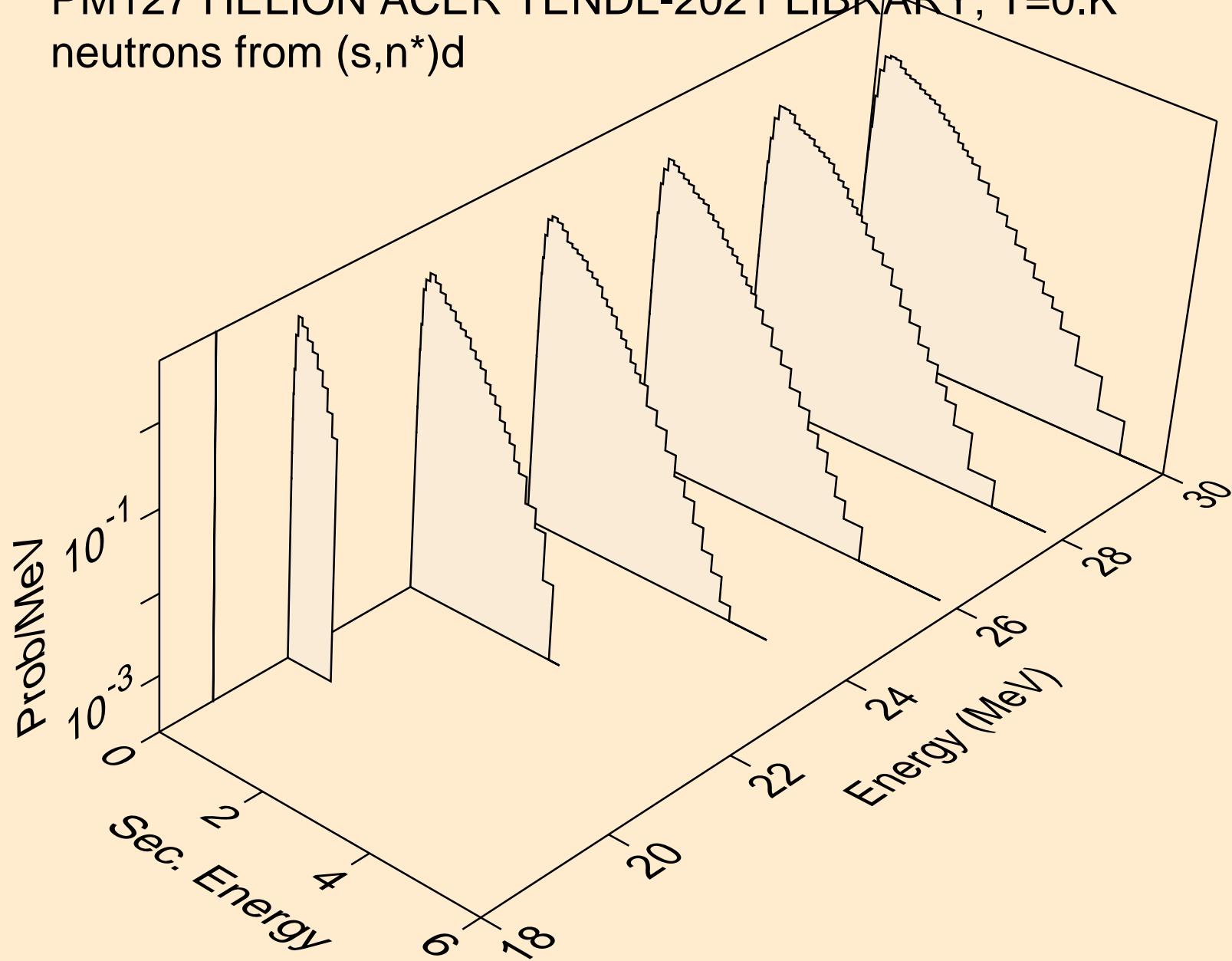
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)a



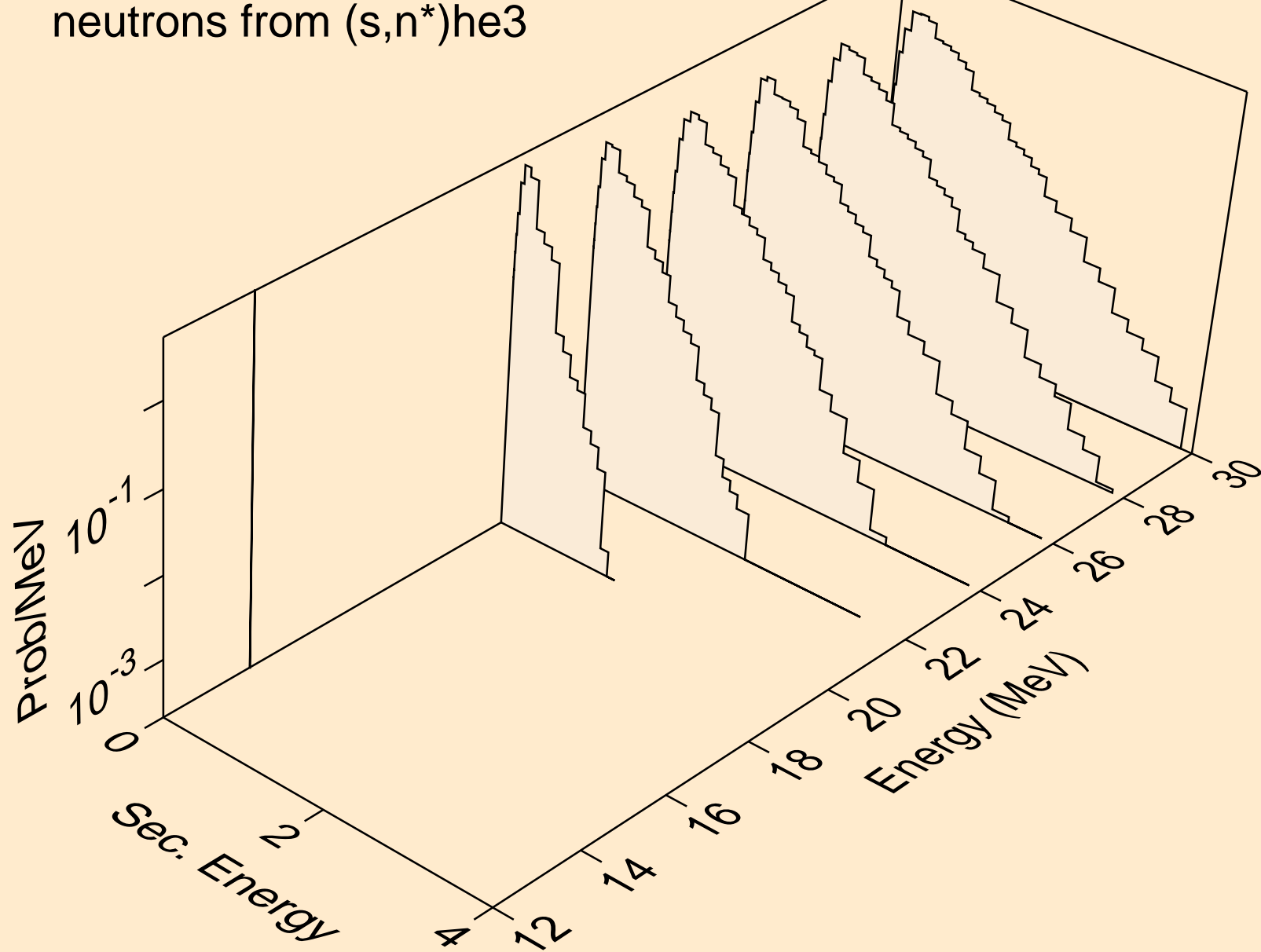
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)p



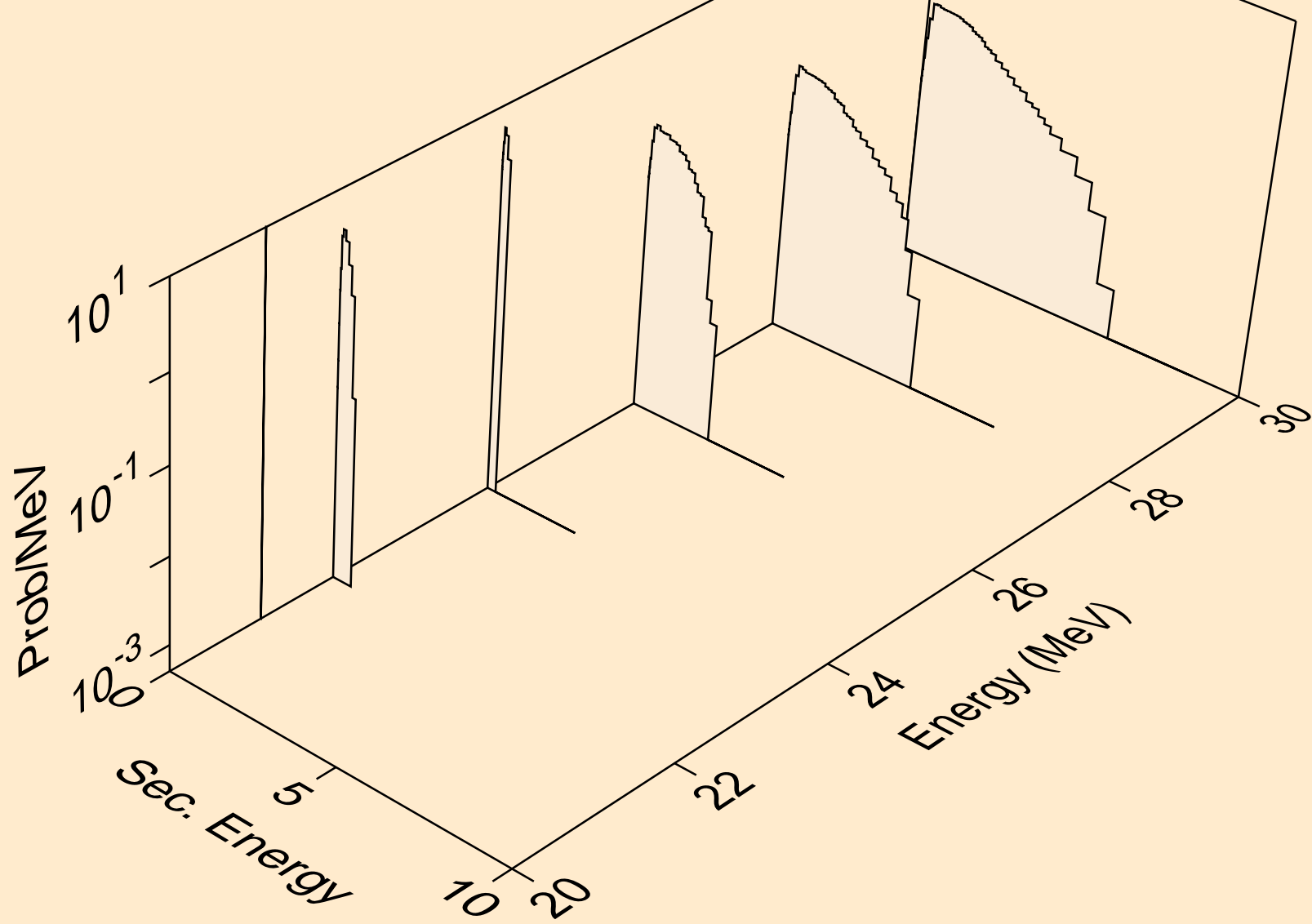
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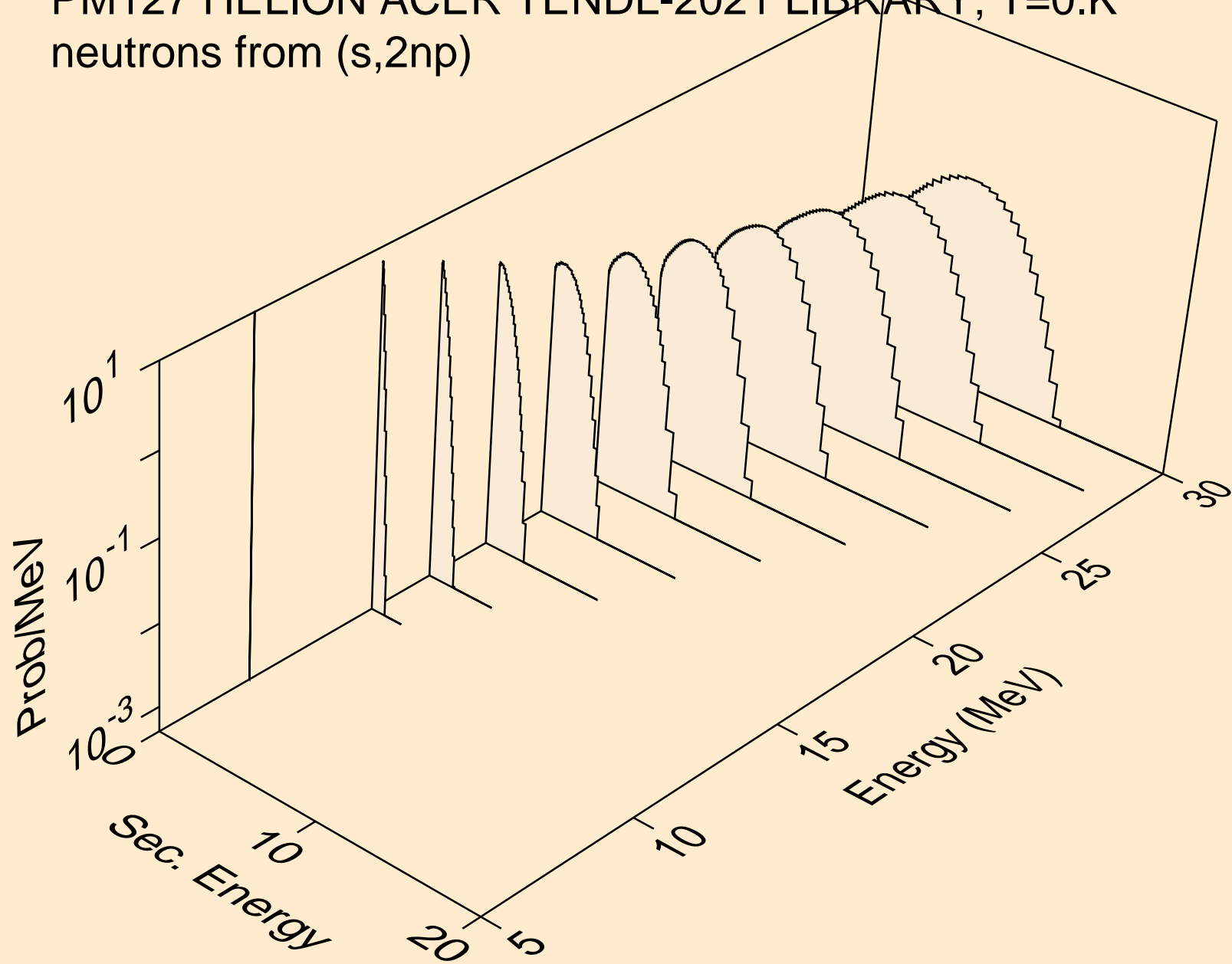
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,n\*)he3



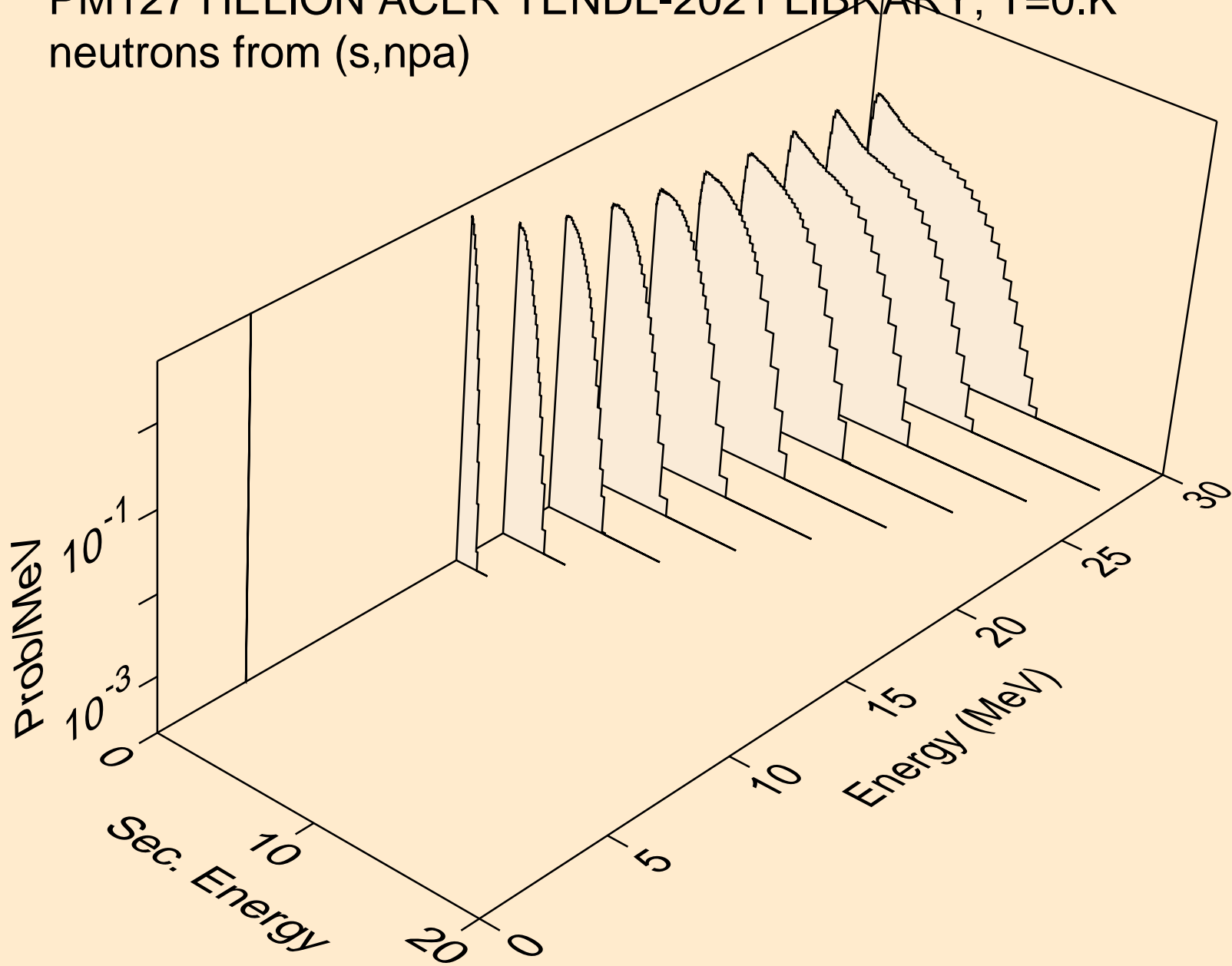
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)



PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,2np)

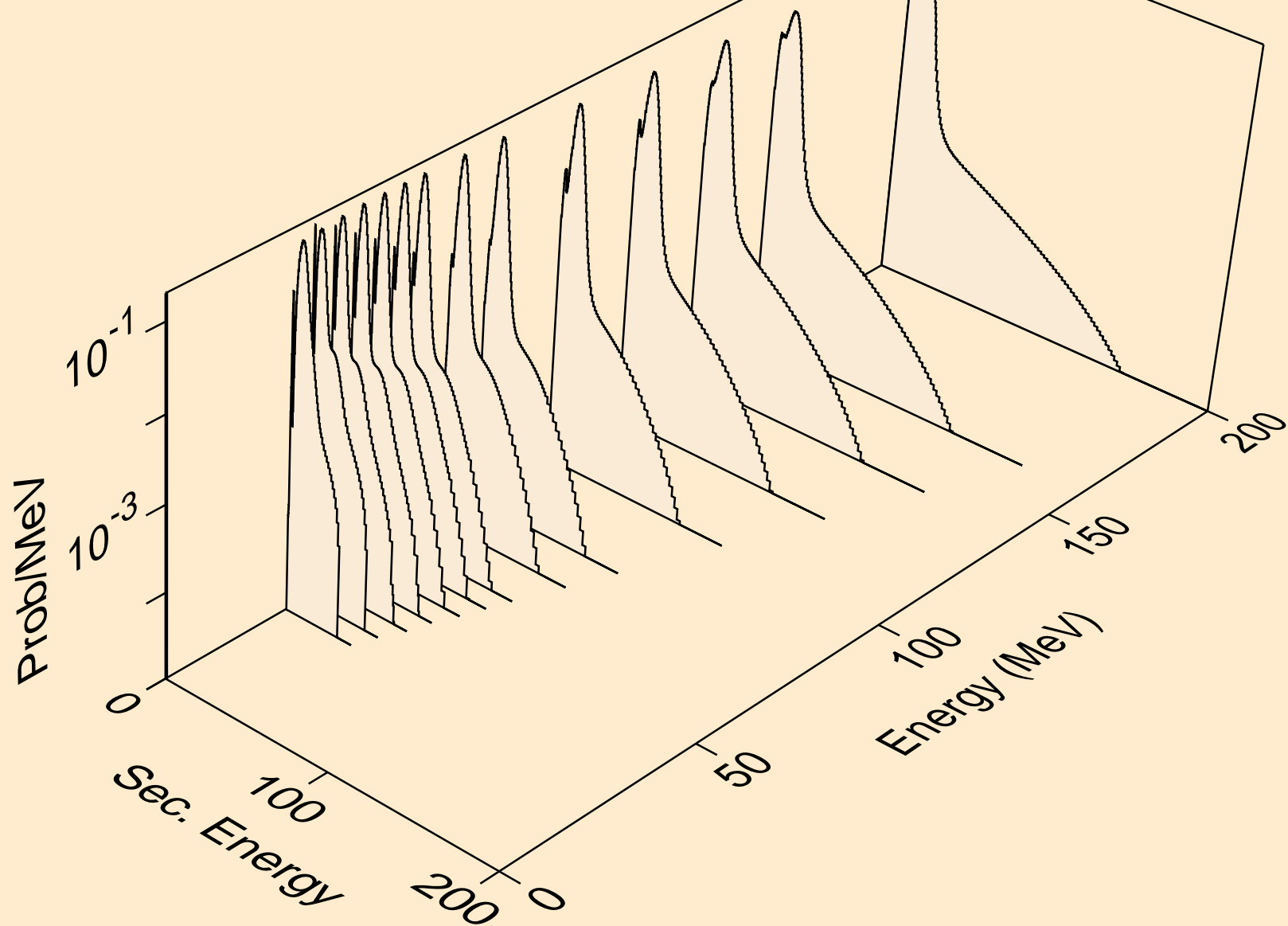


PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (s,npa)

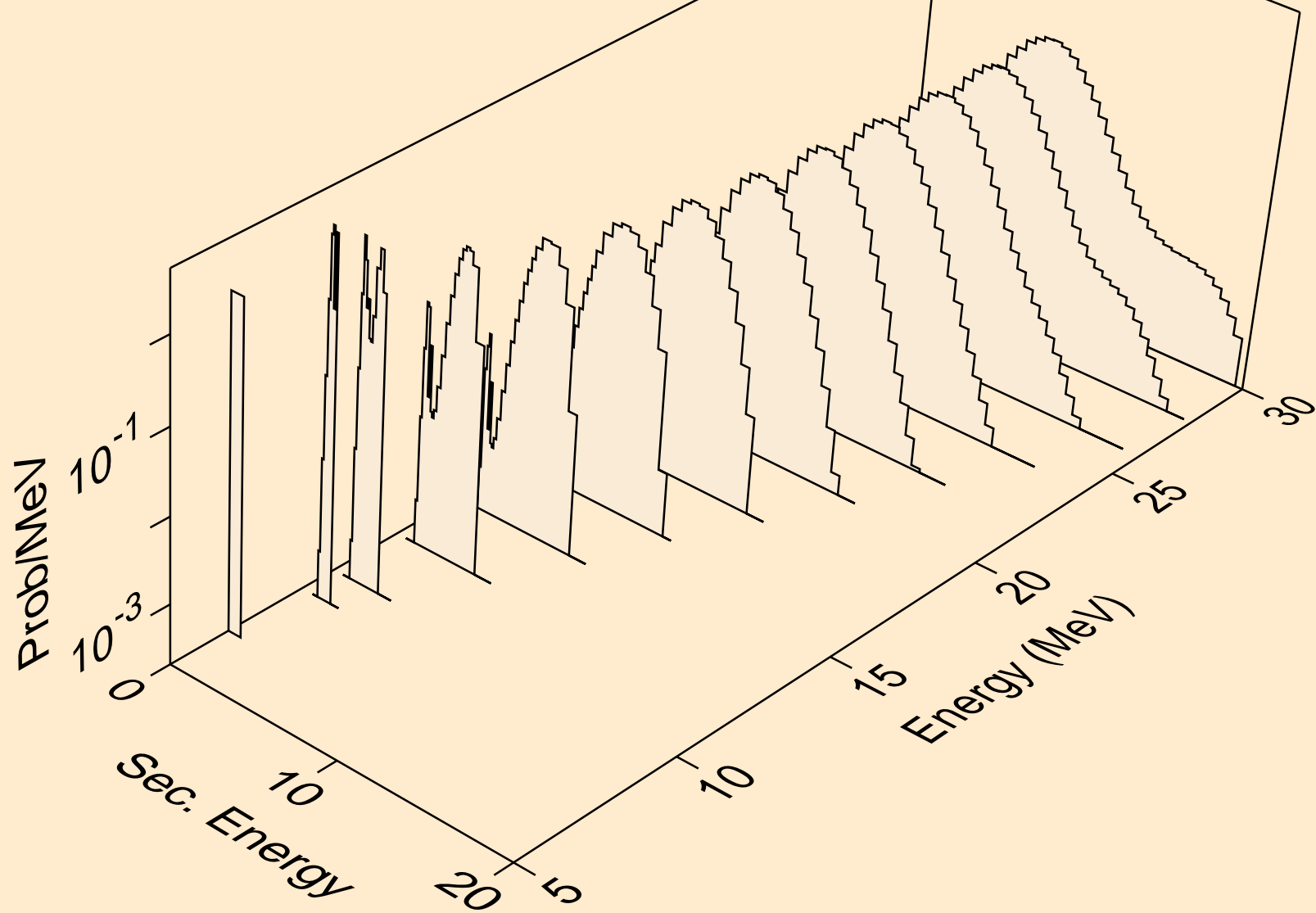




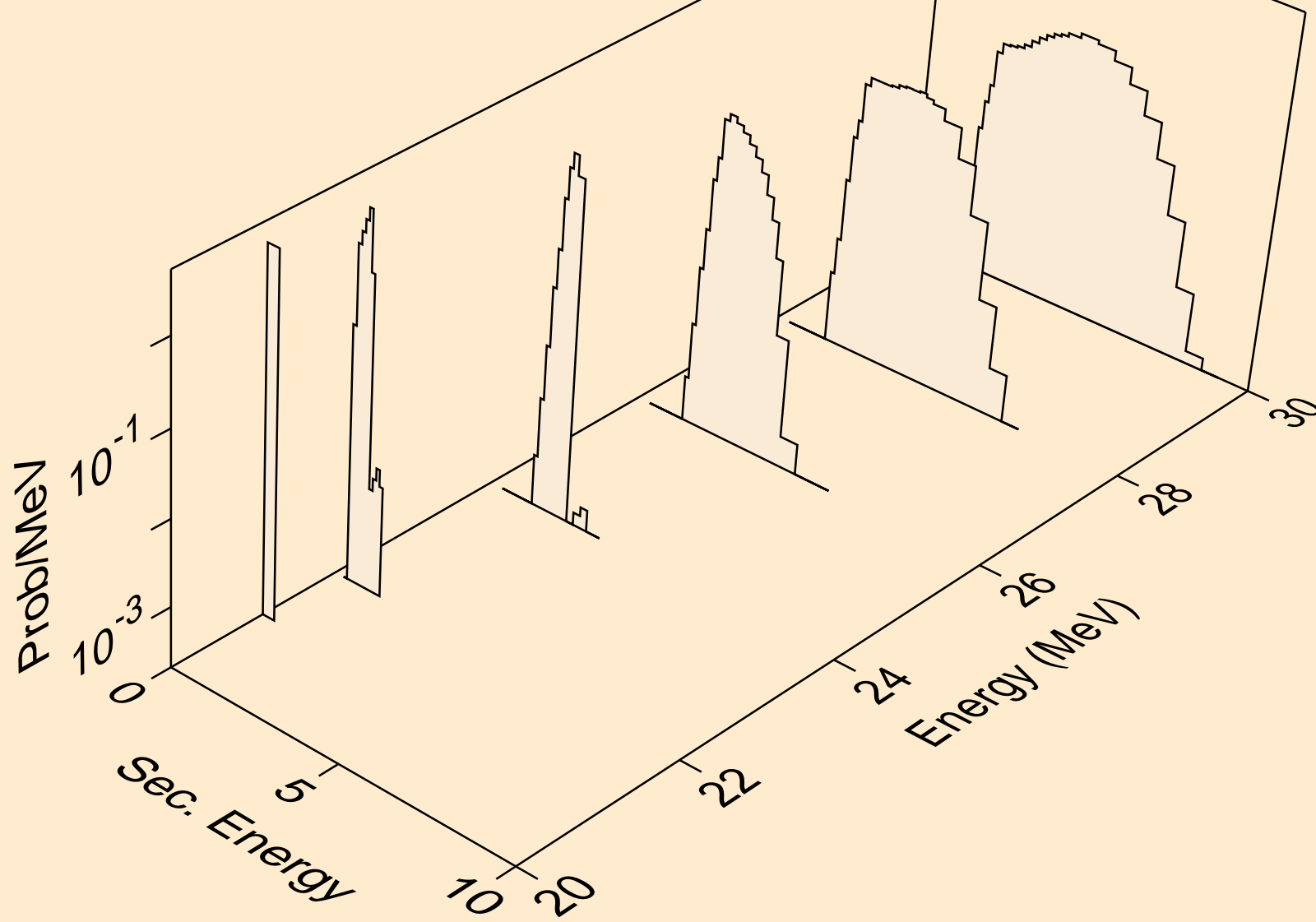
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protons from (s,x)



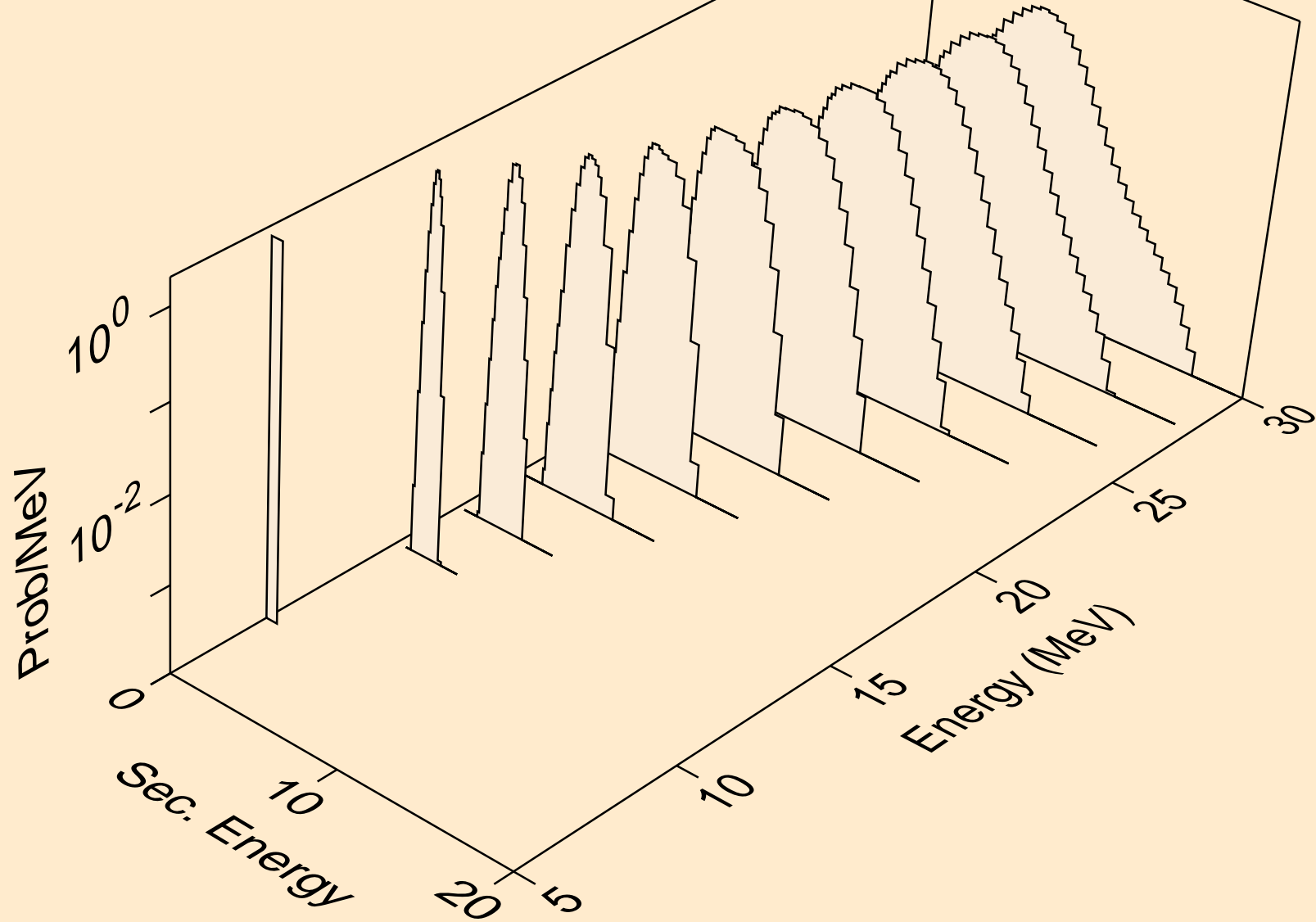
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,n\*)p



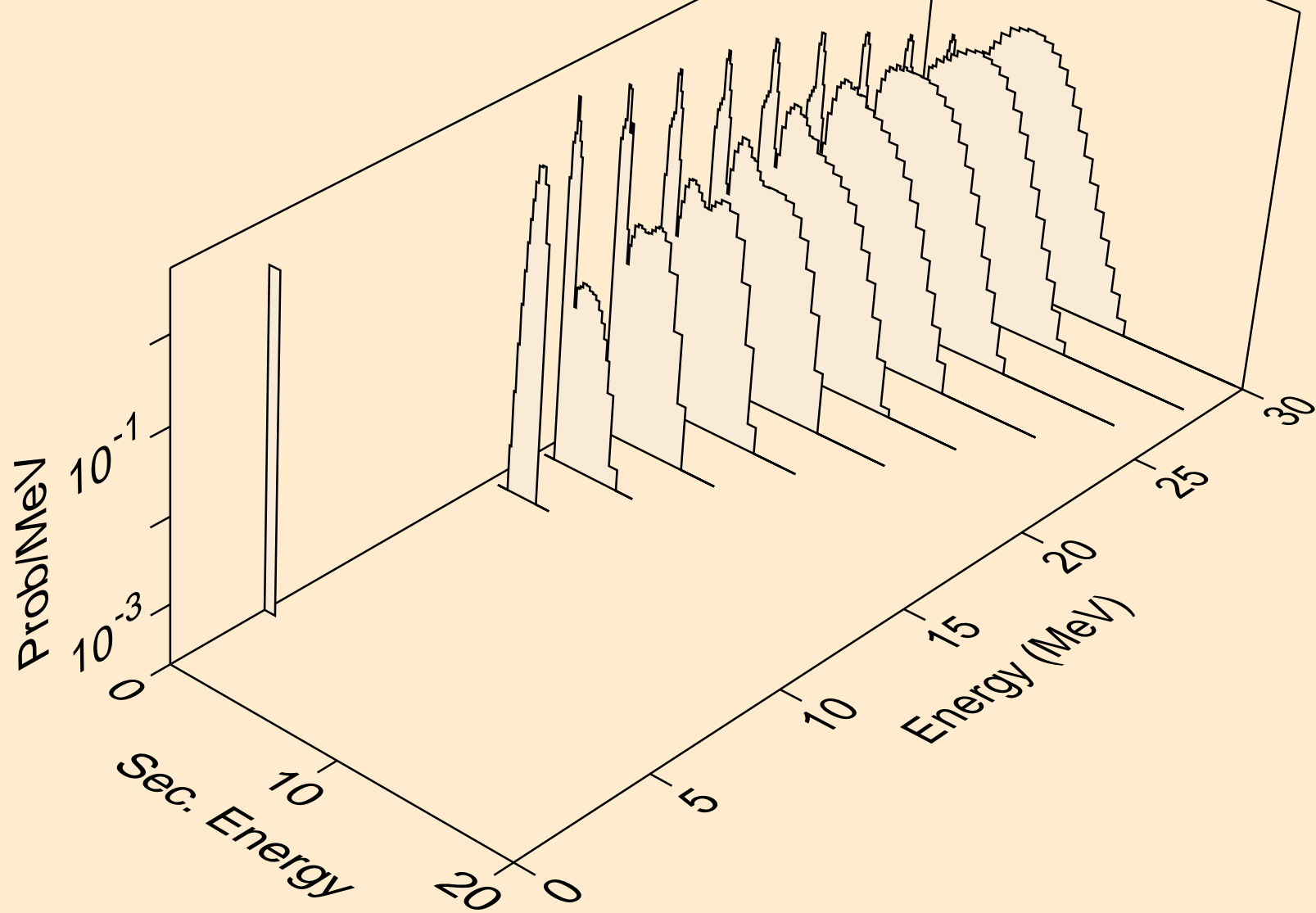
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



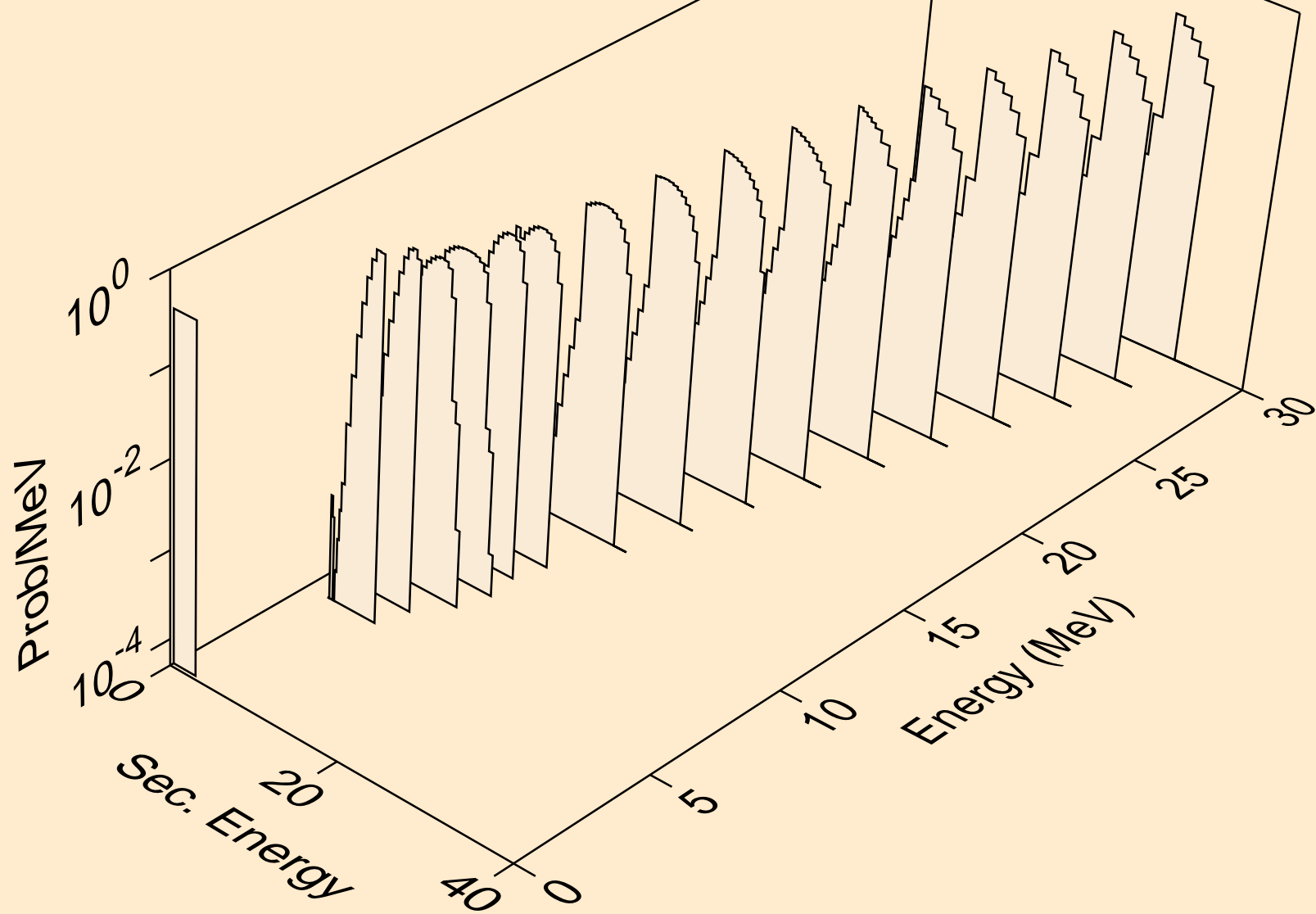
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2np)



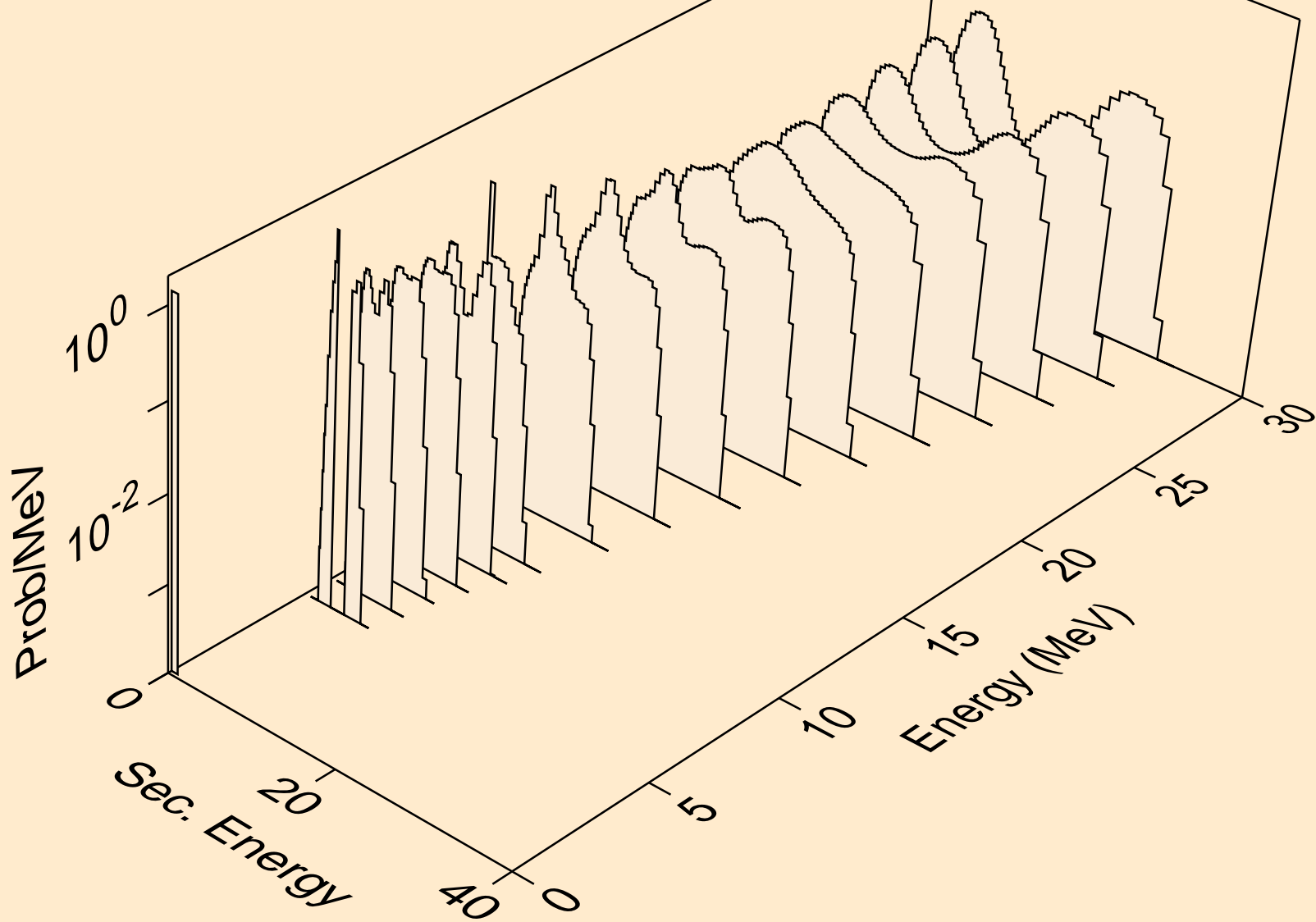
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,npa)



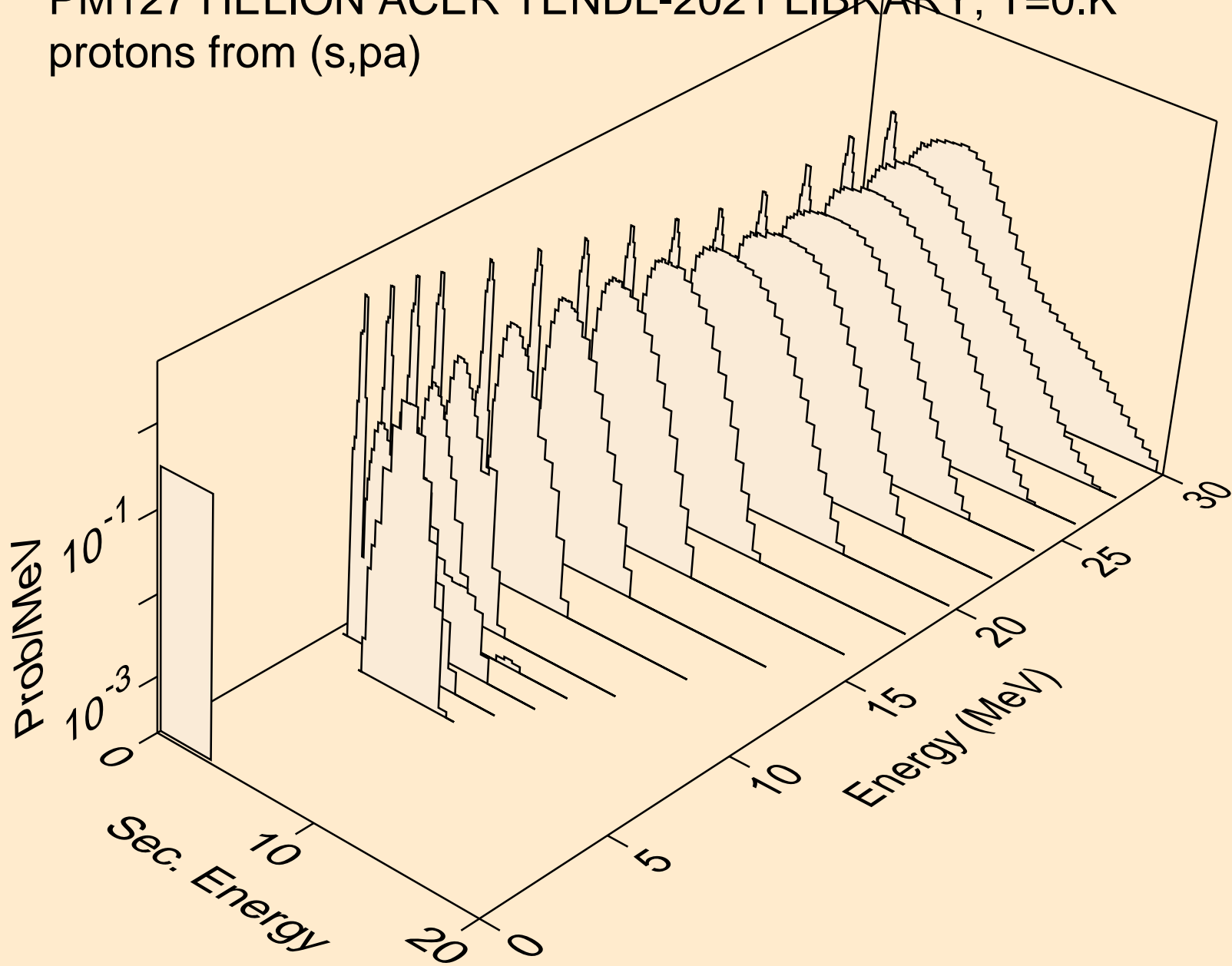
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,p)



PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,2p)

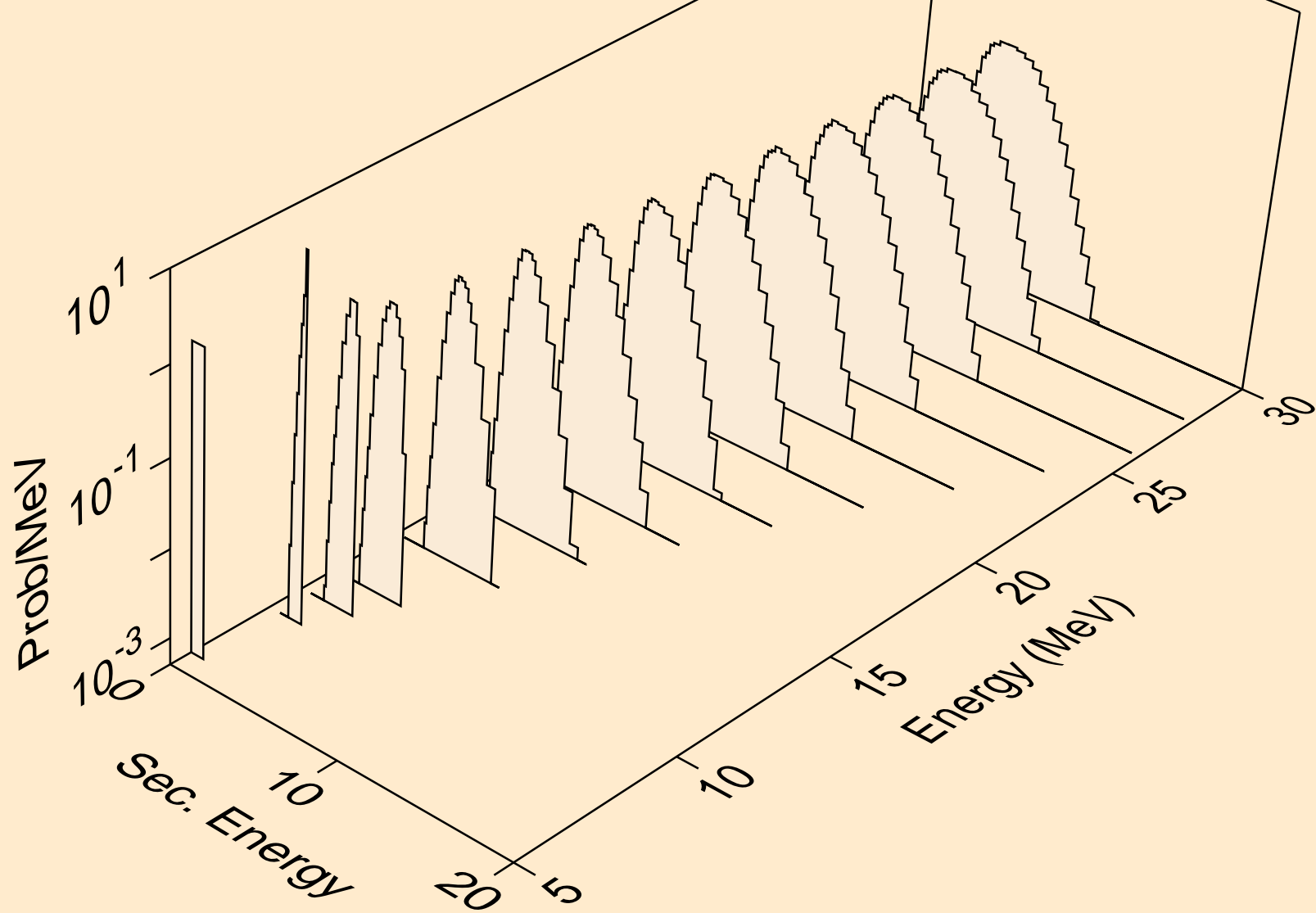


PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pa)

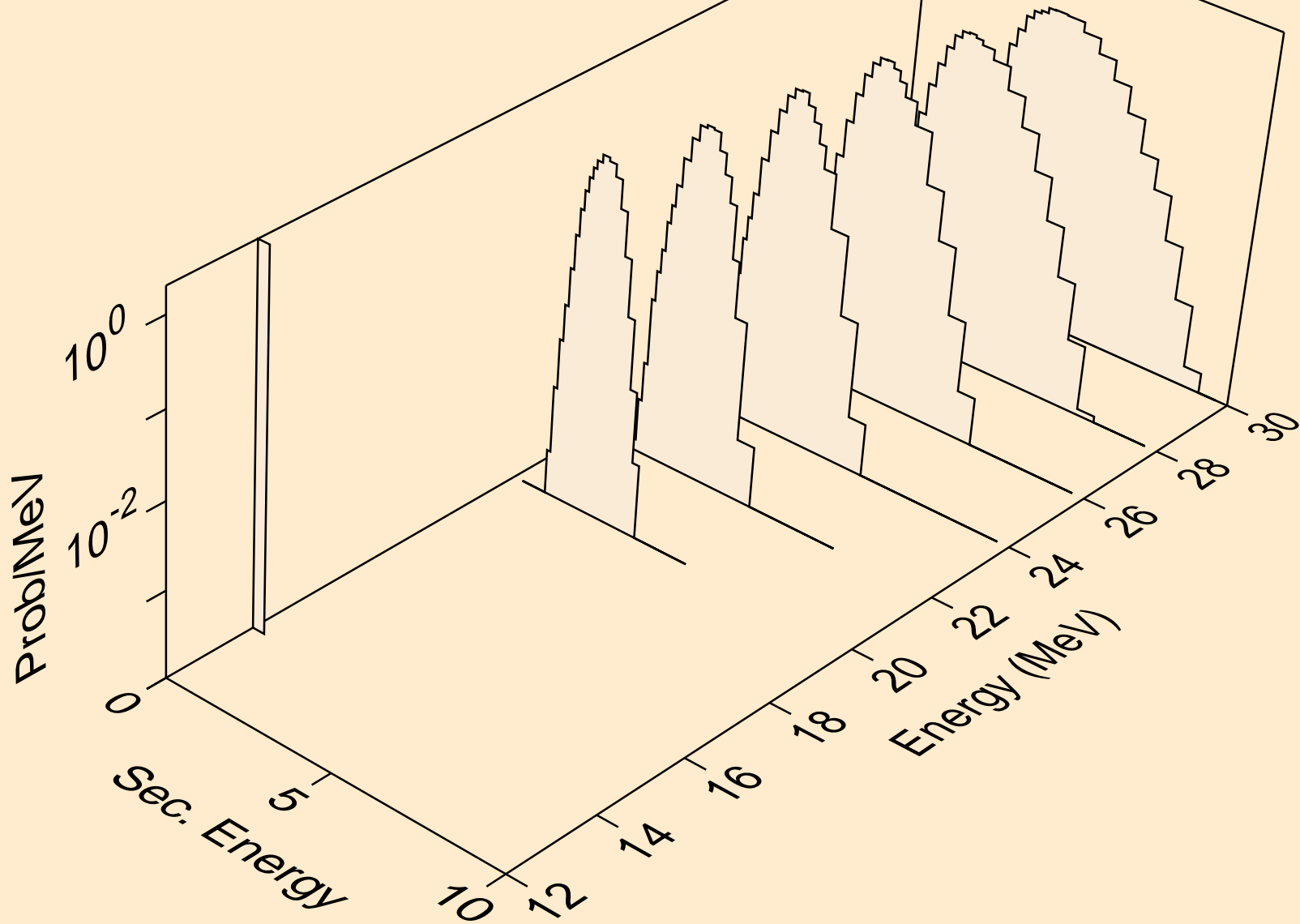




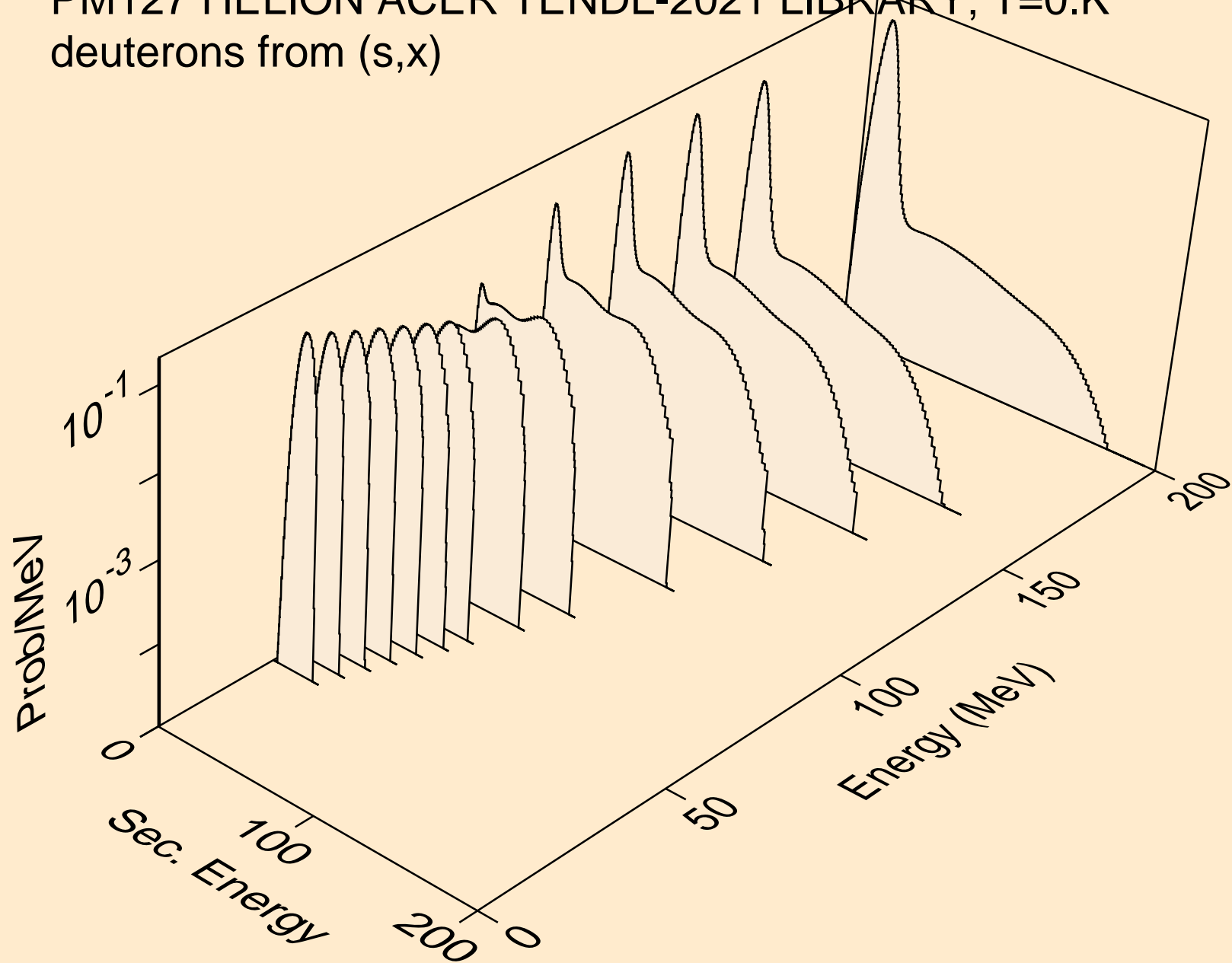
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pd)



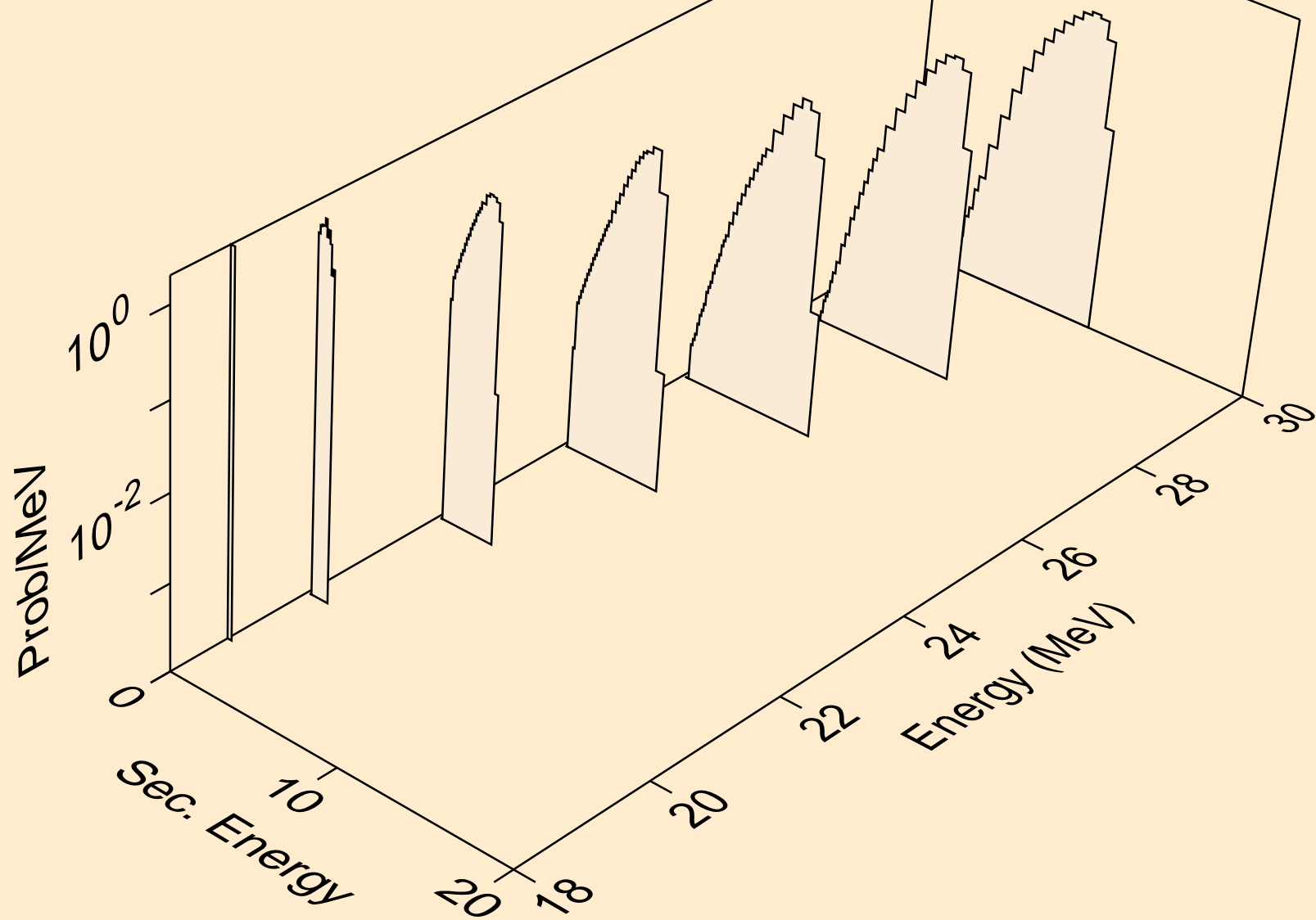
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
protons from (s,pt)



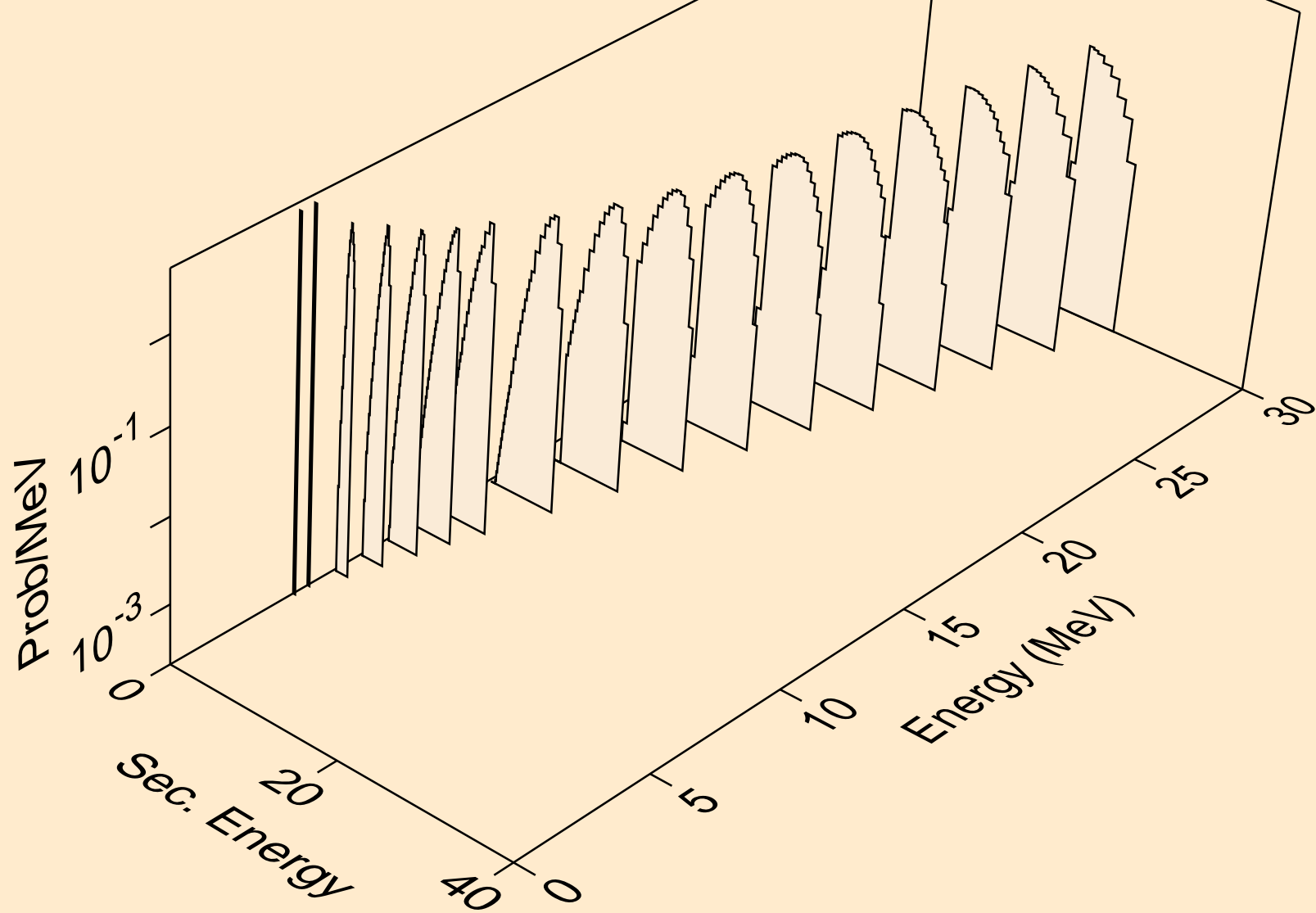
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,x)



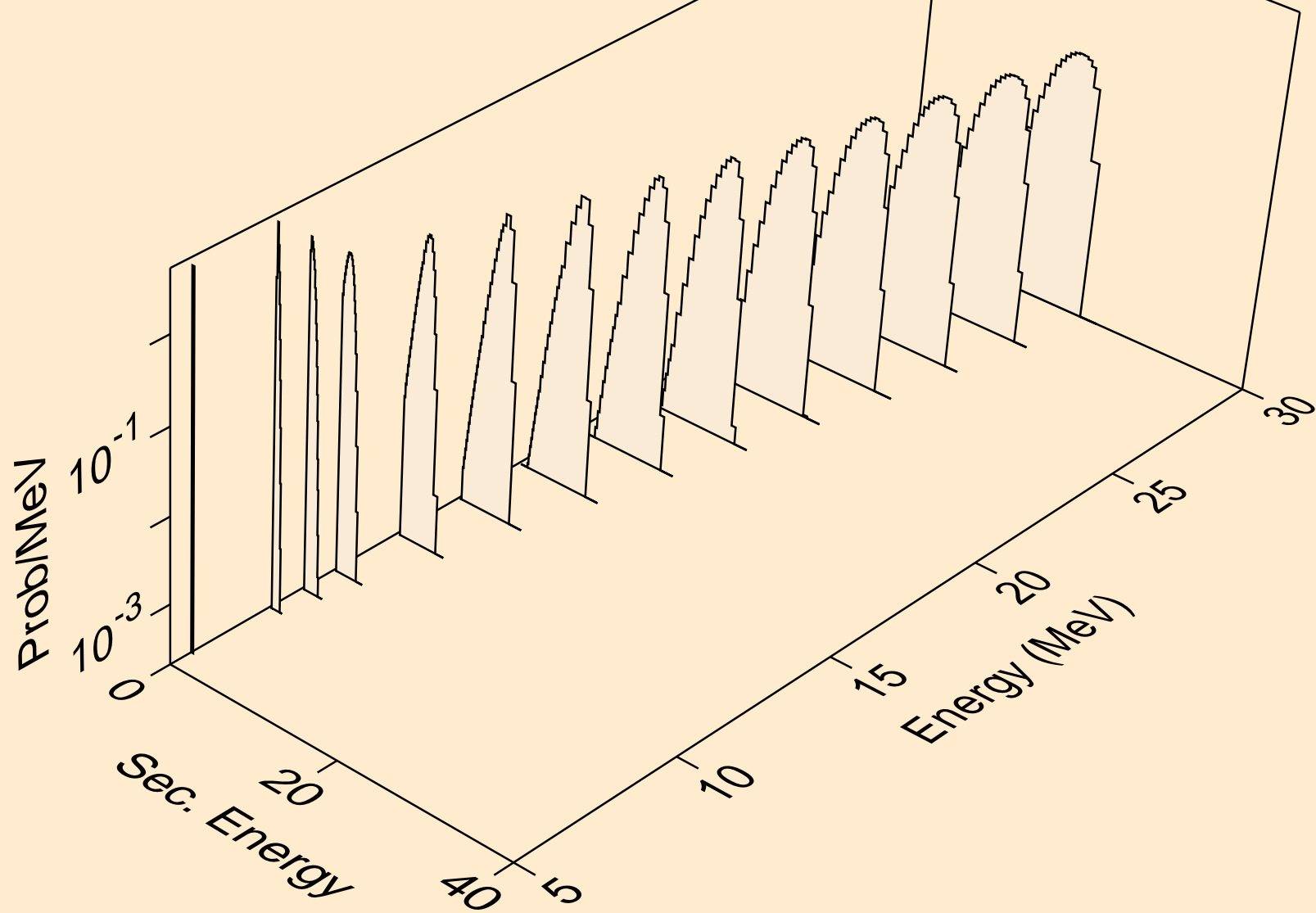
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,n\*)d



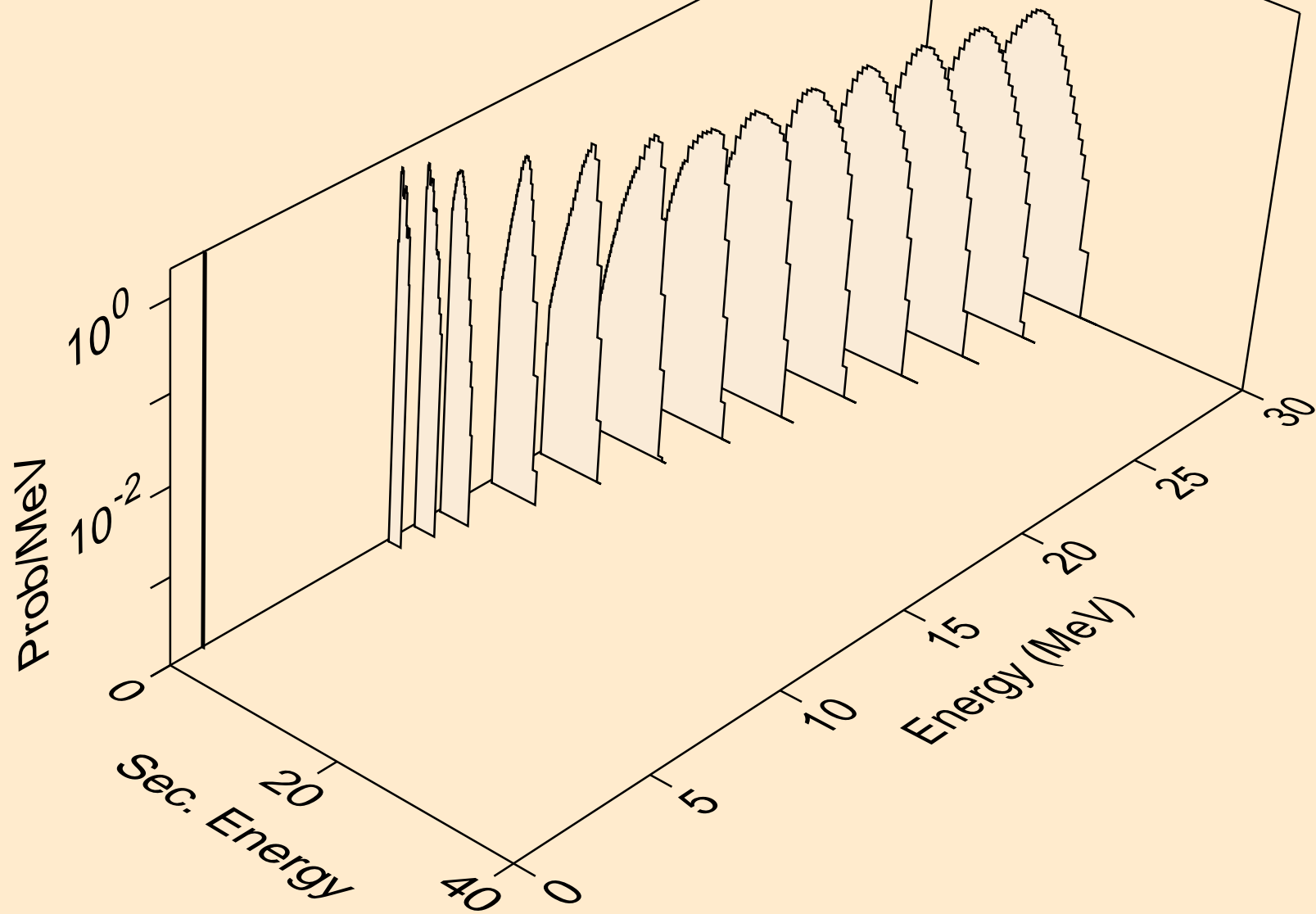
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deuterons from (s,d)



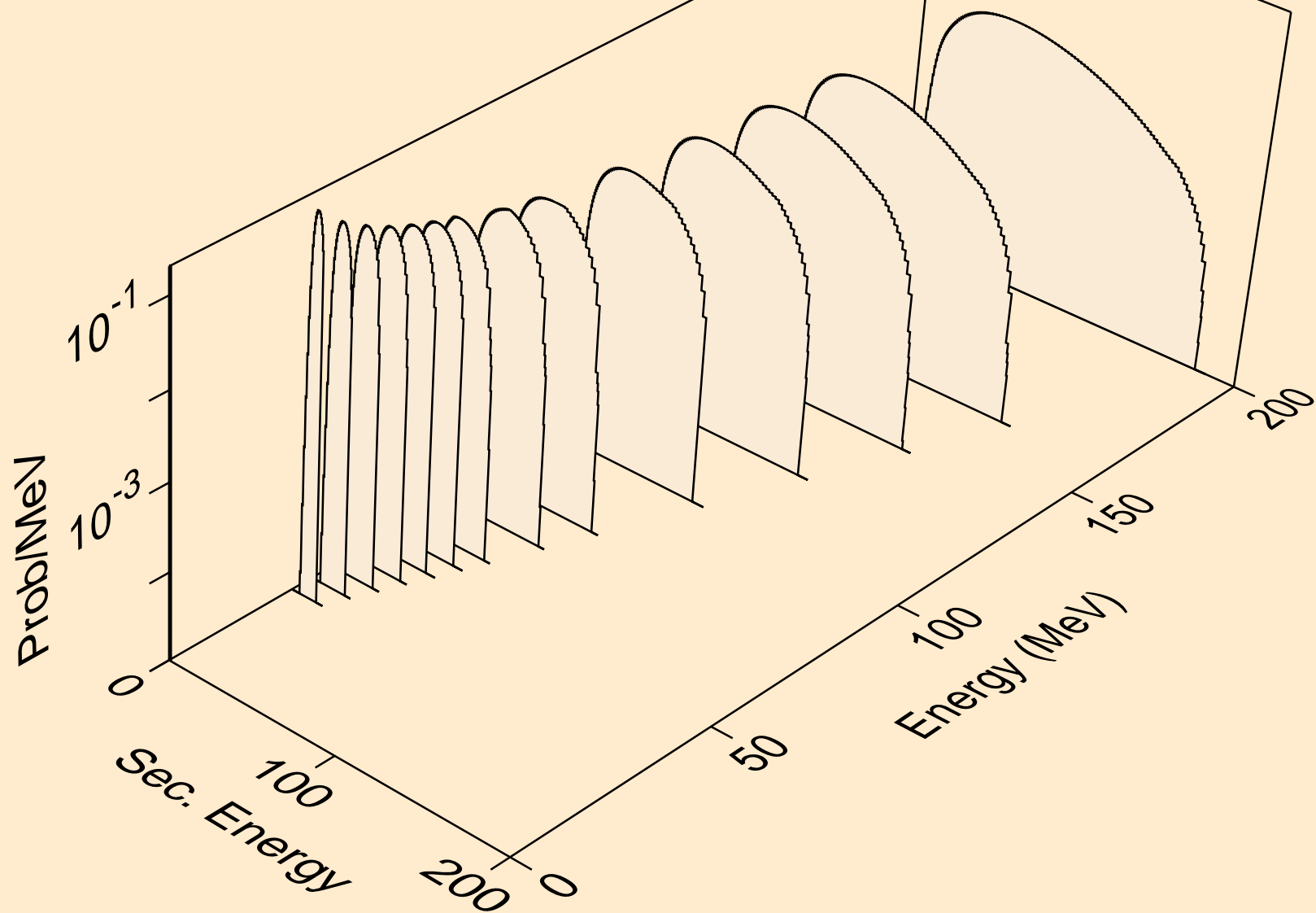
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,pd)



PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (s,da)

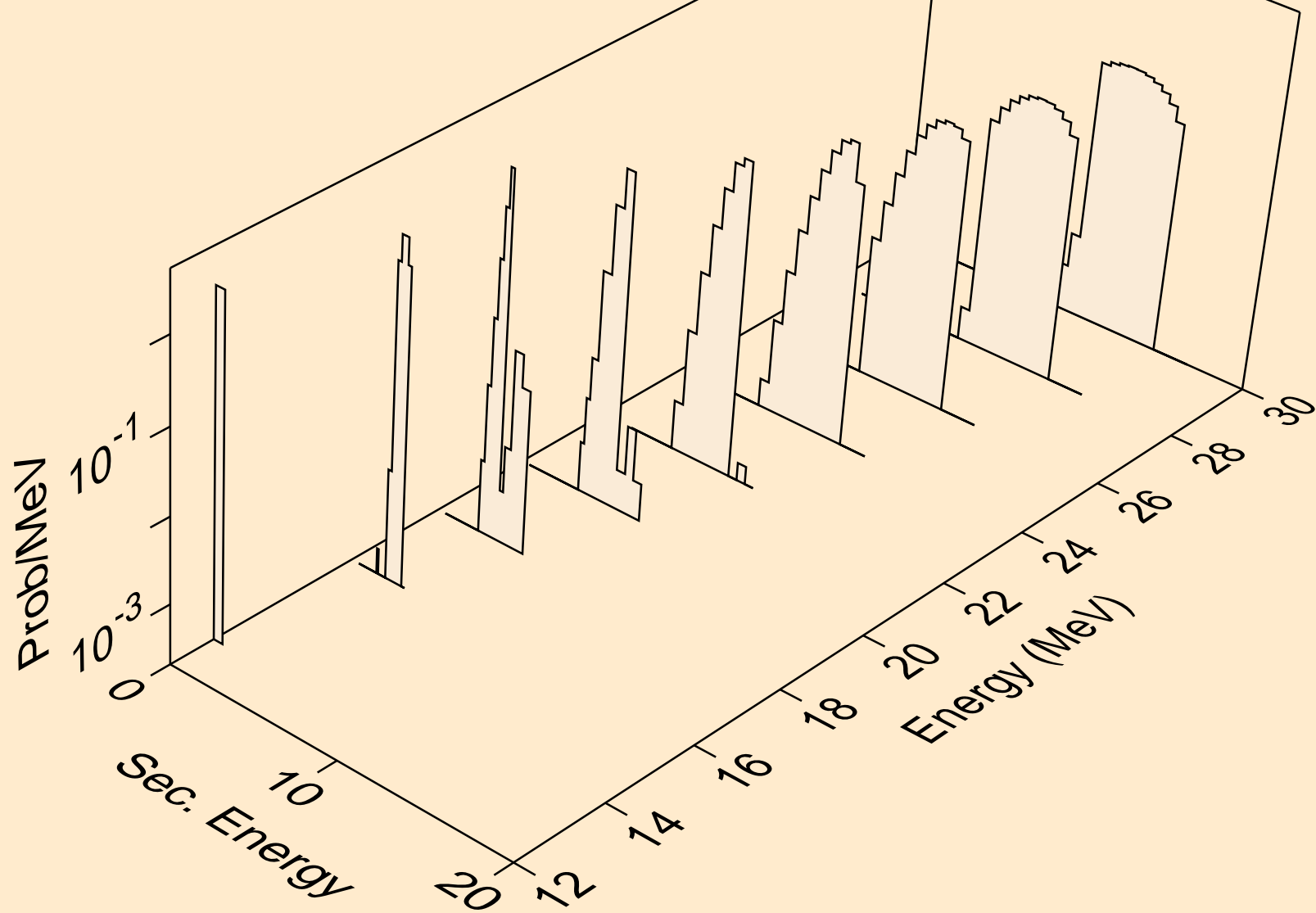


PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (s,x)

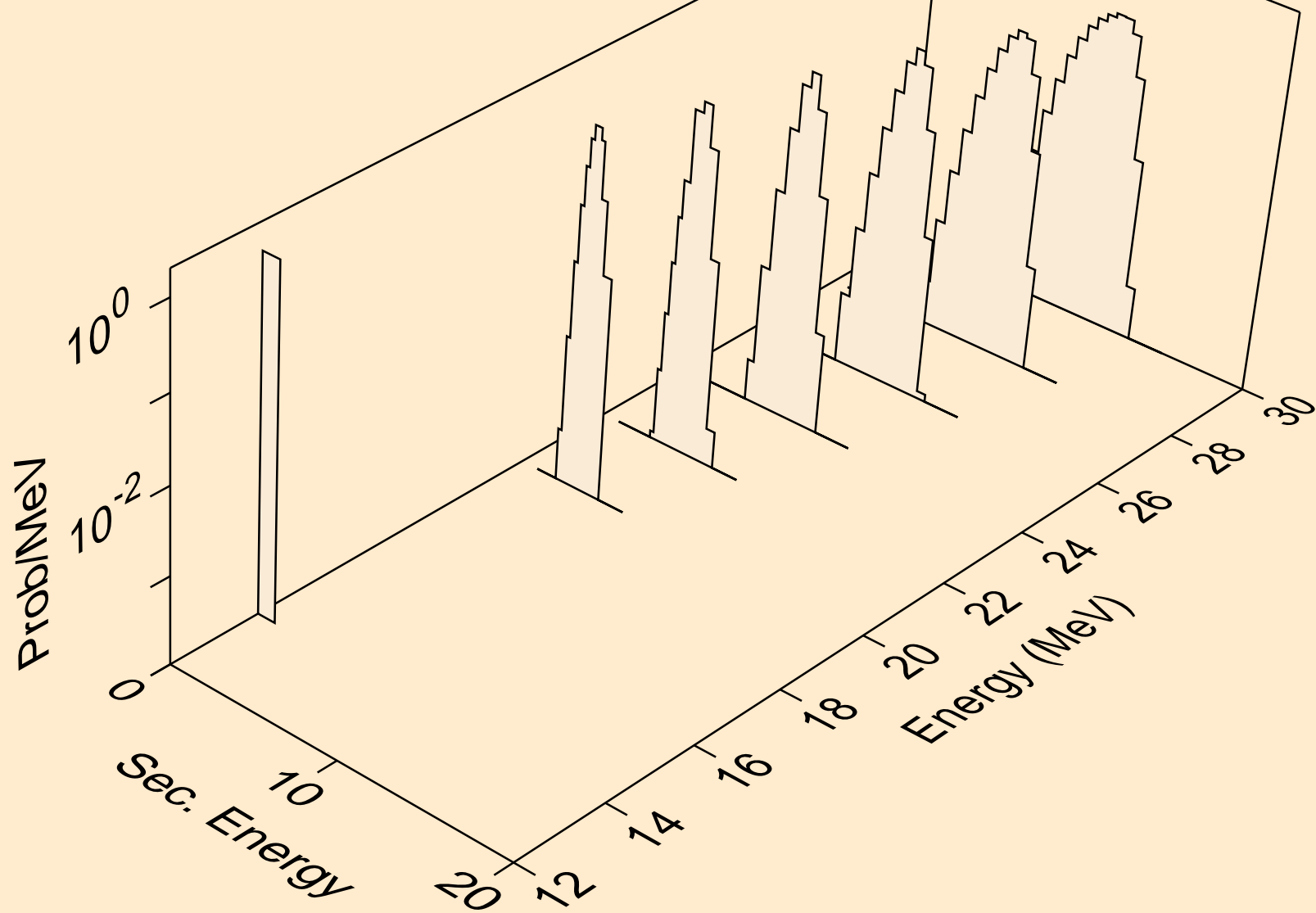




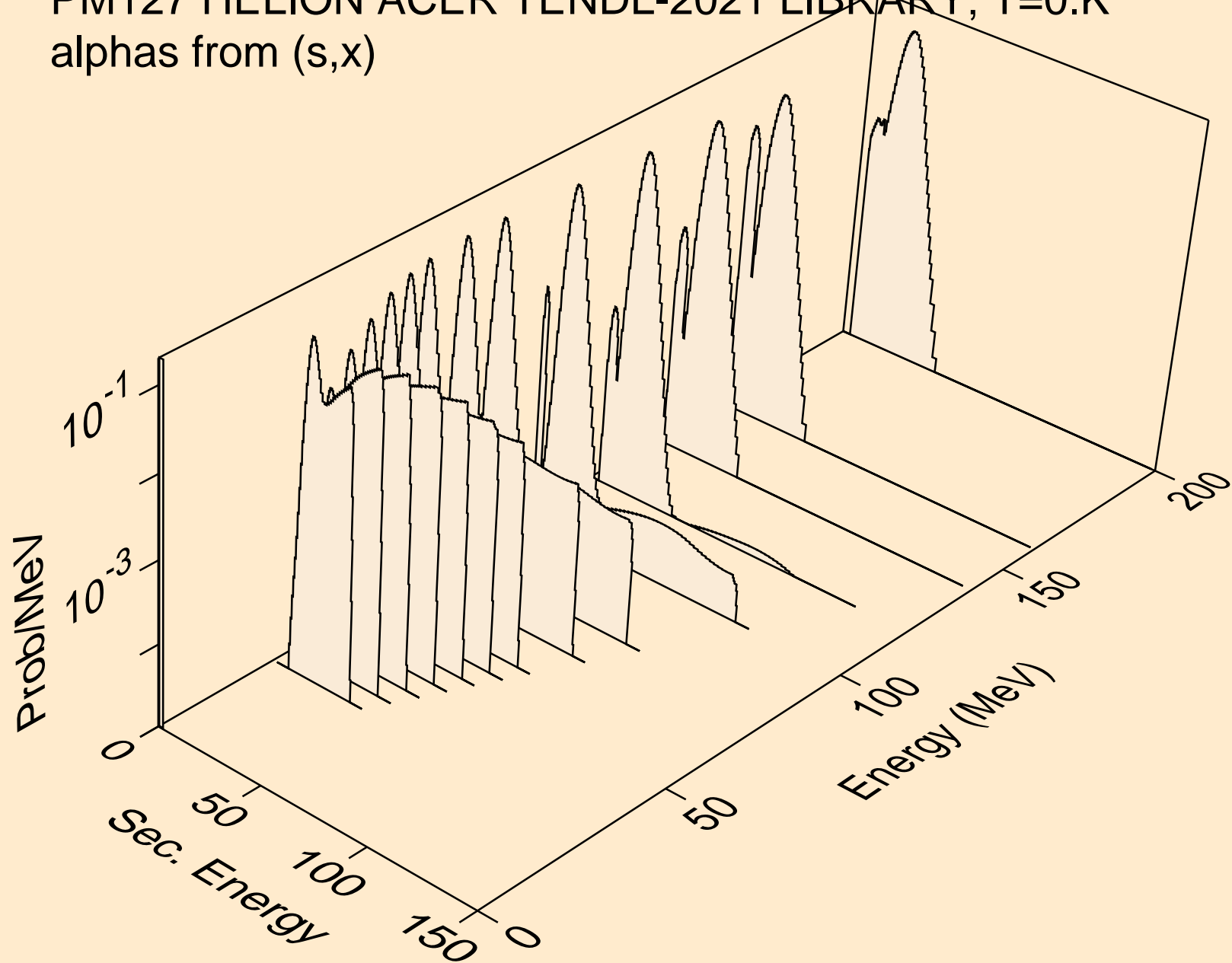
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tritons from (s,t)



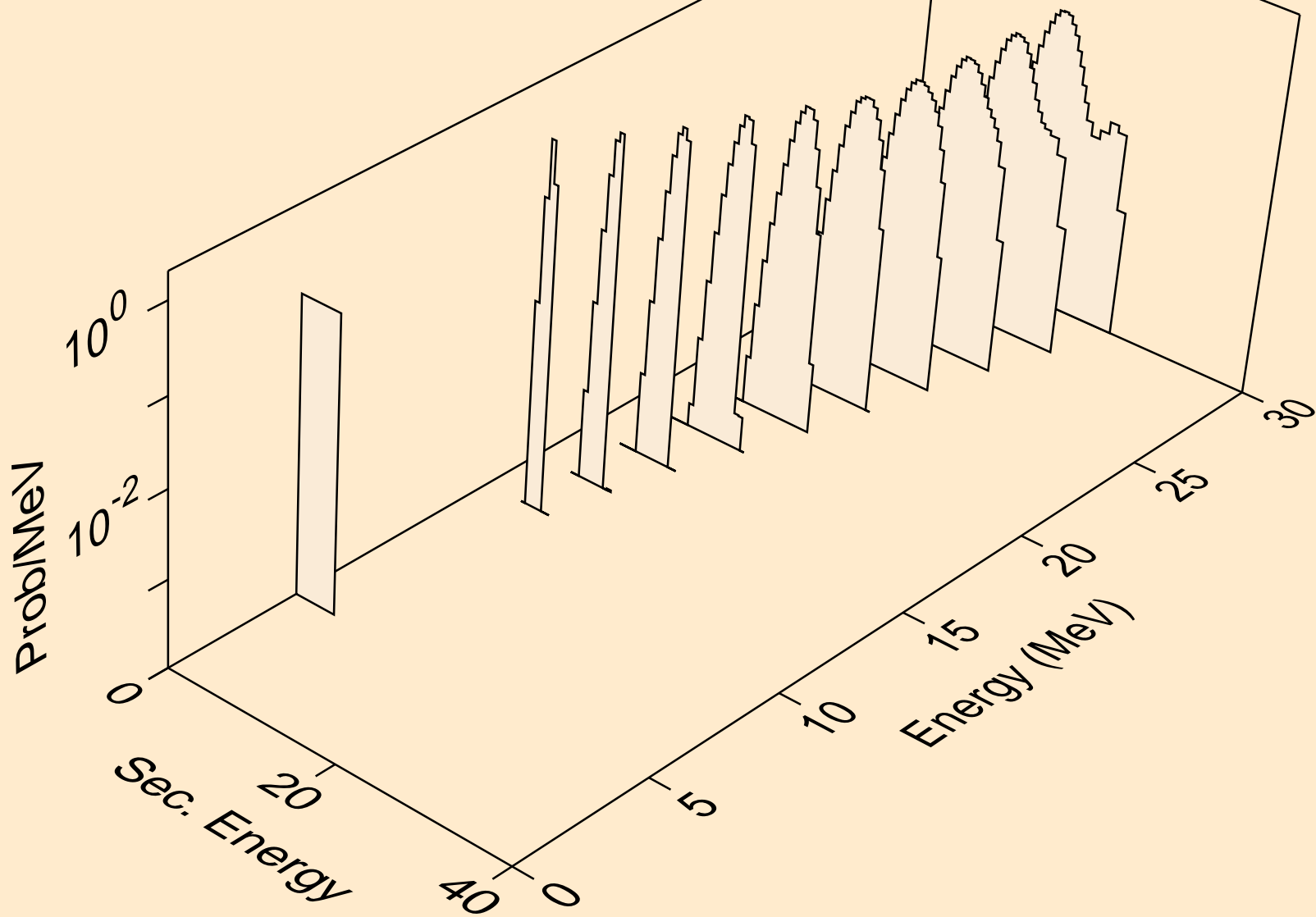
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tritons from (s,pt)



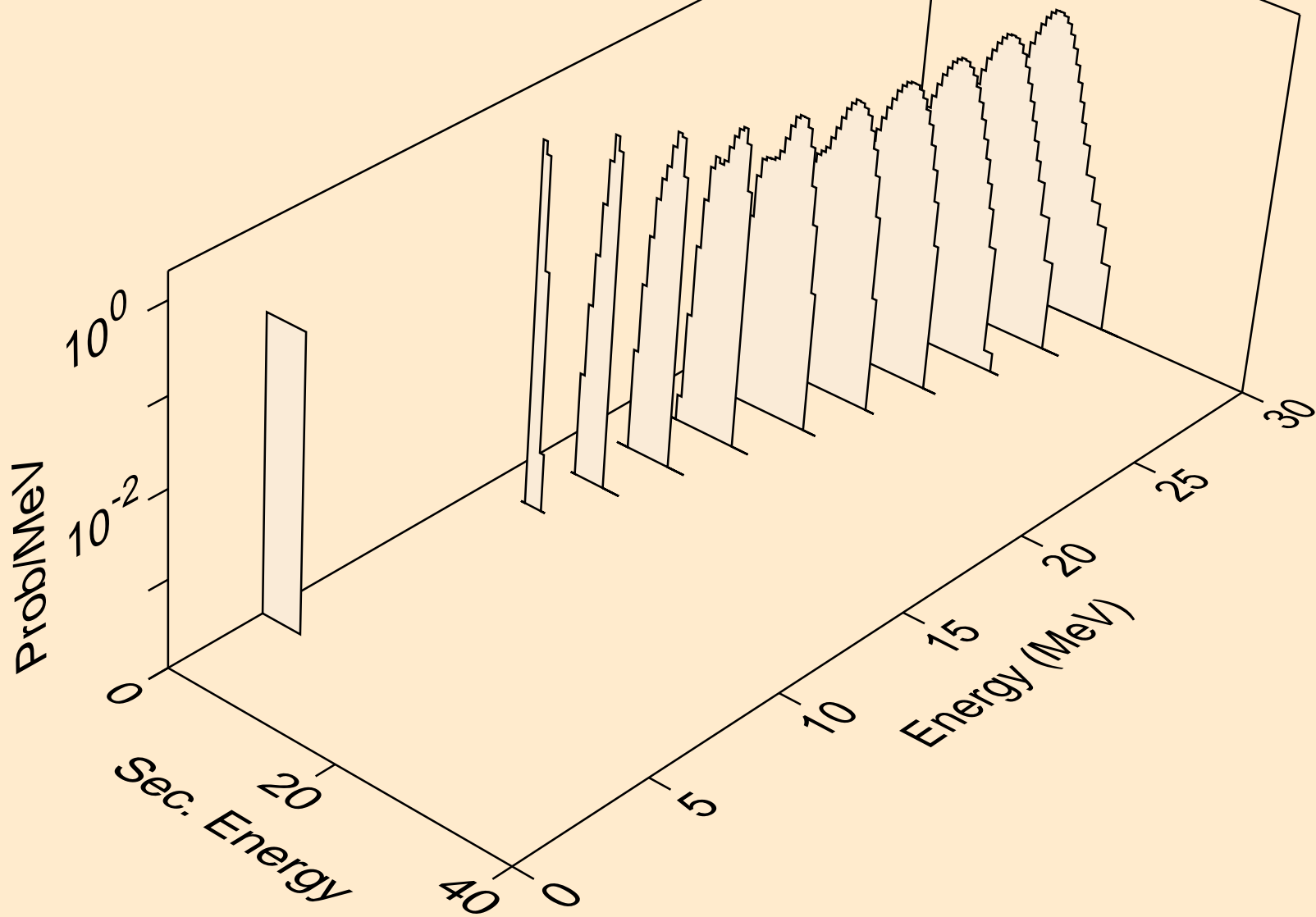
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,x)



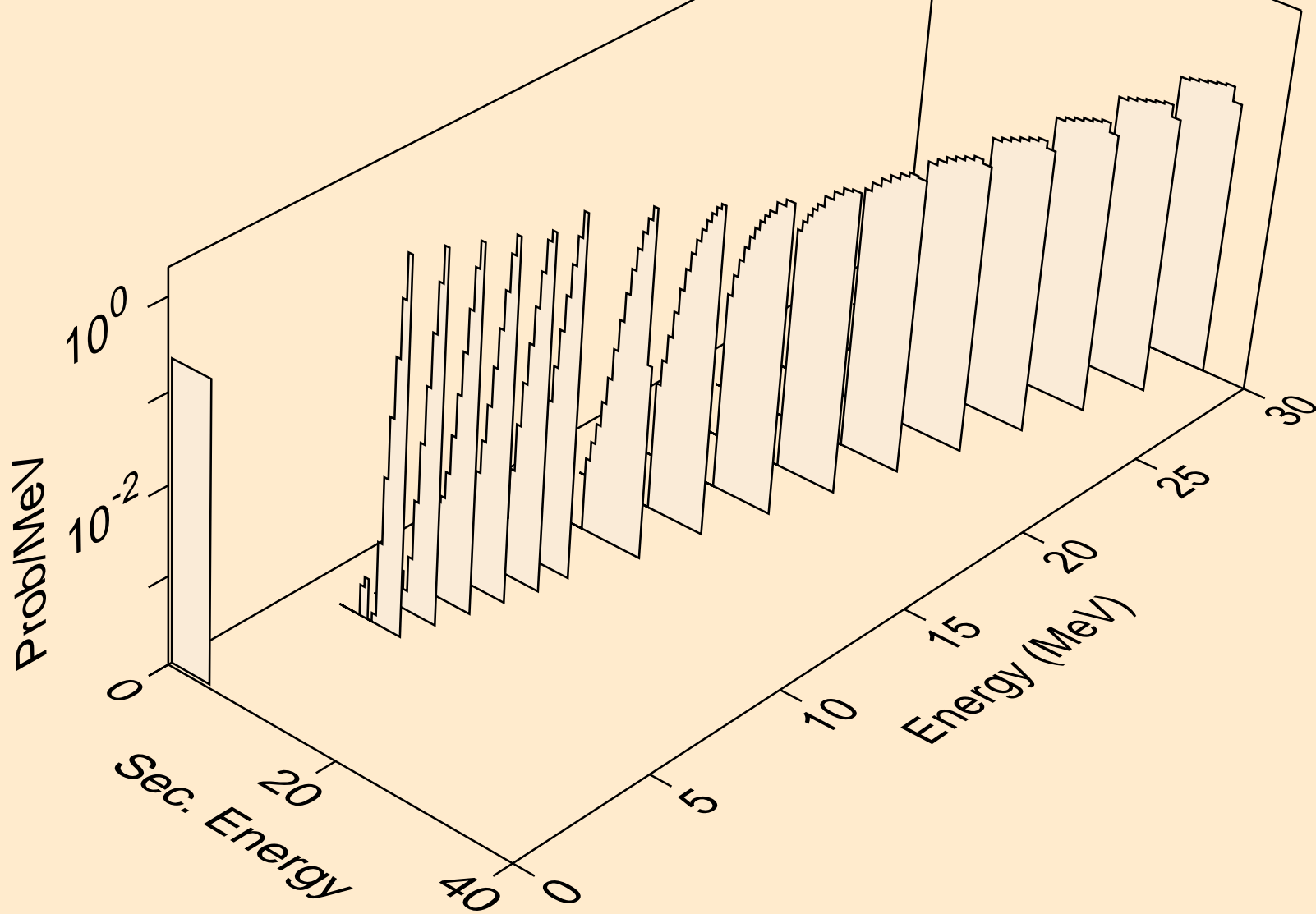
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,n\*)a



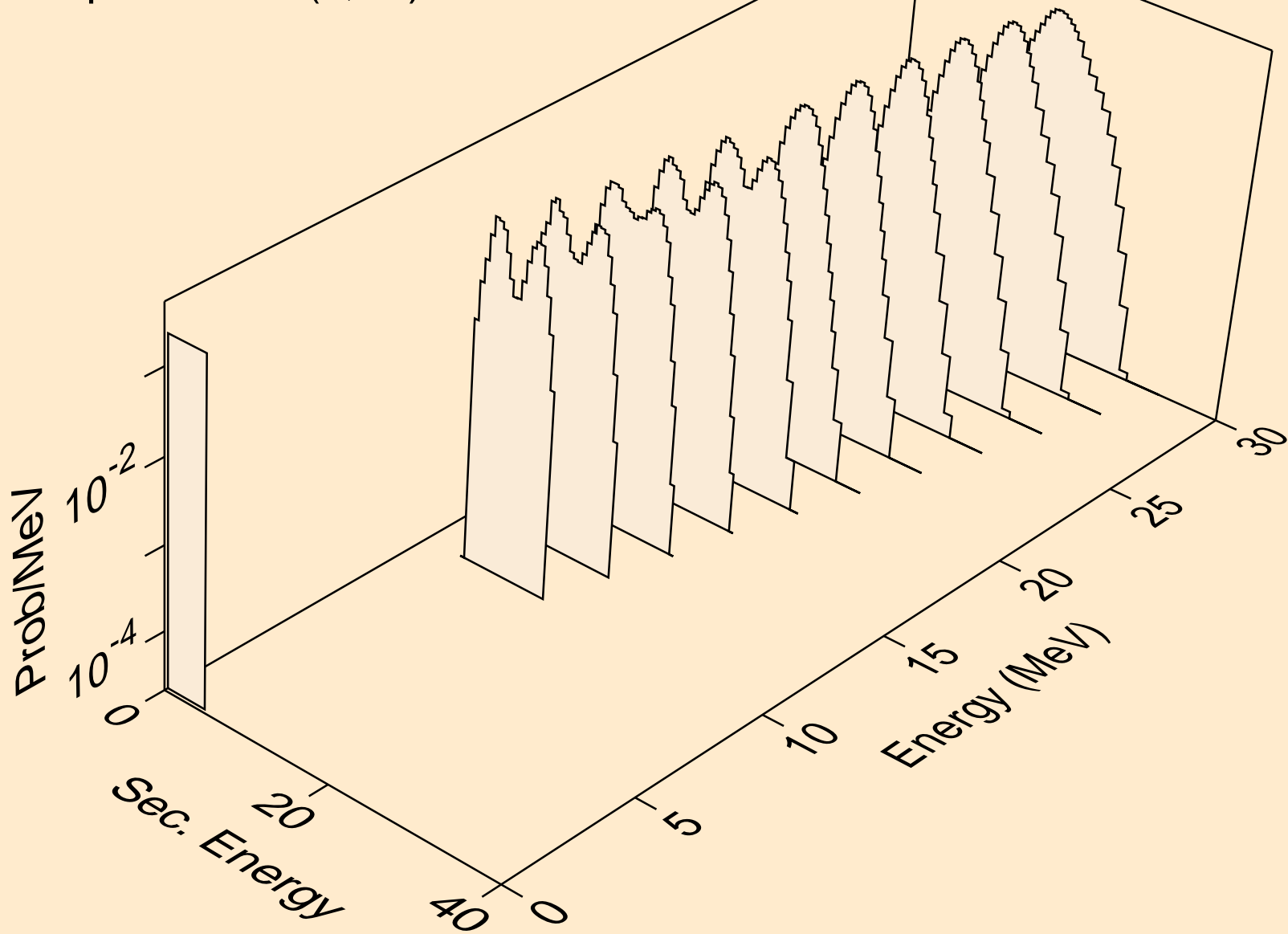
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,npa)



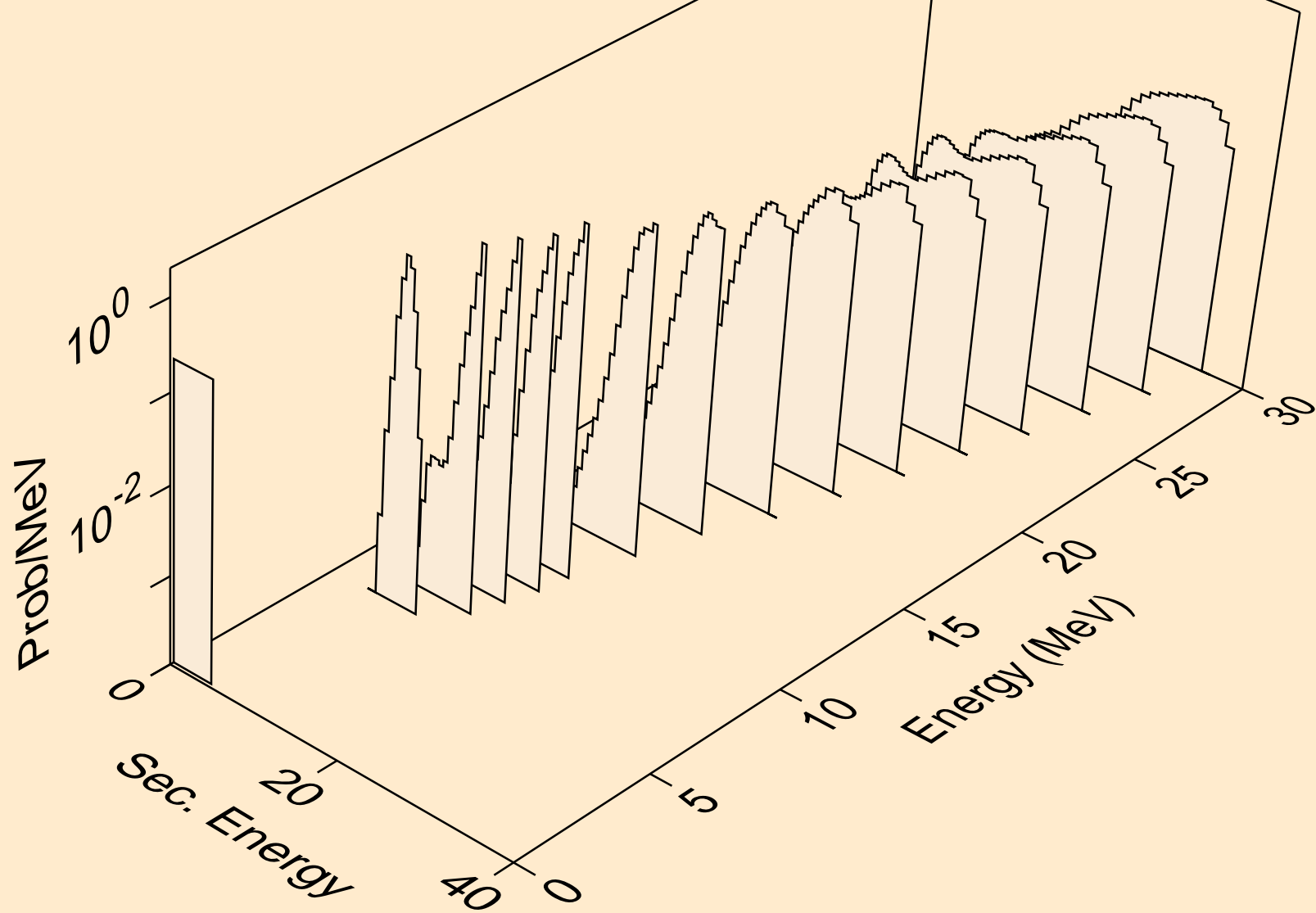
PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,a)



PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,2a)



PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,pa)





PM127 HELION ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (s,da)

