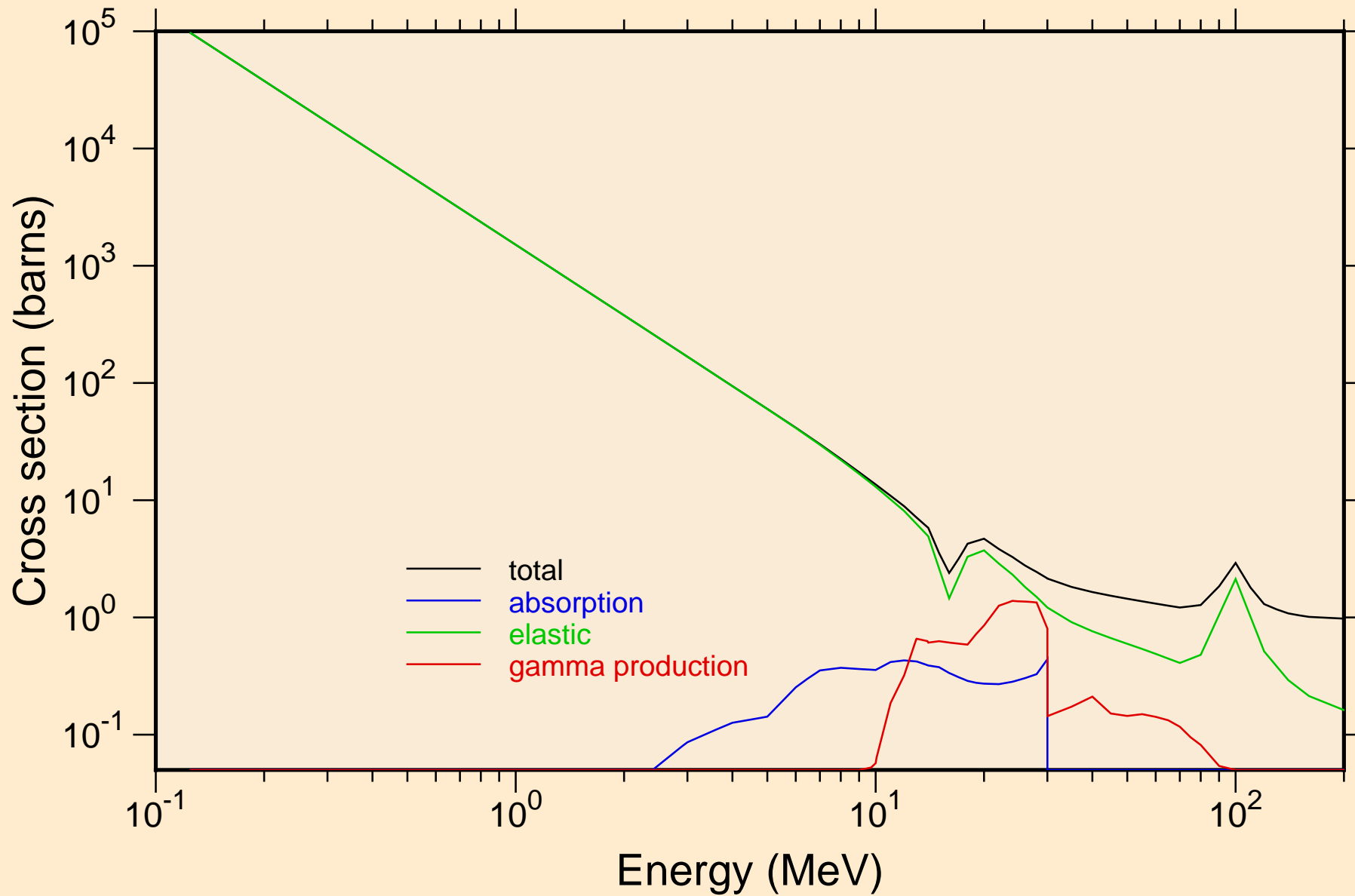


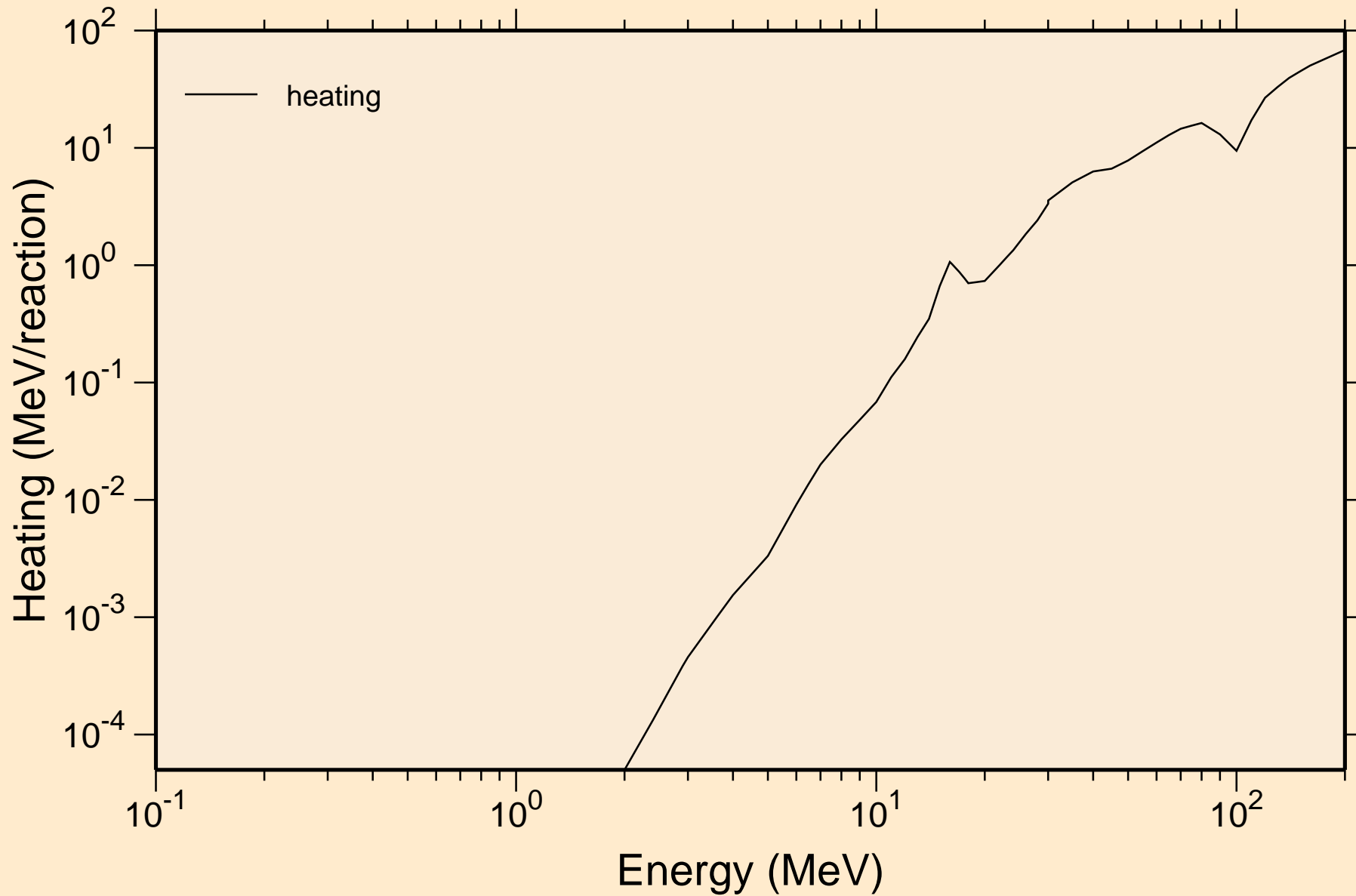
# C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



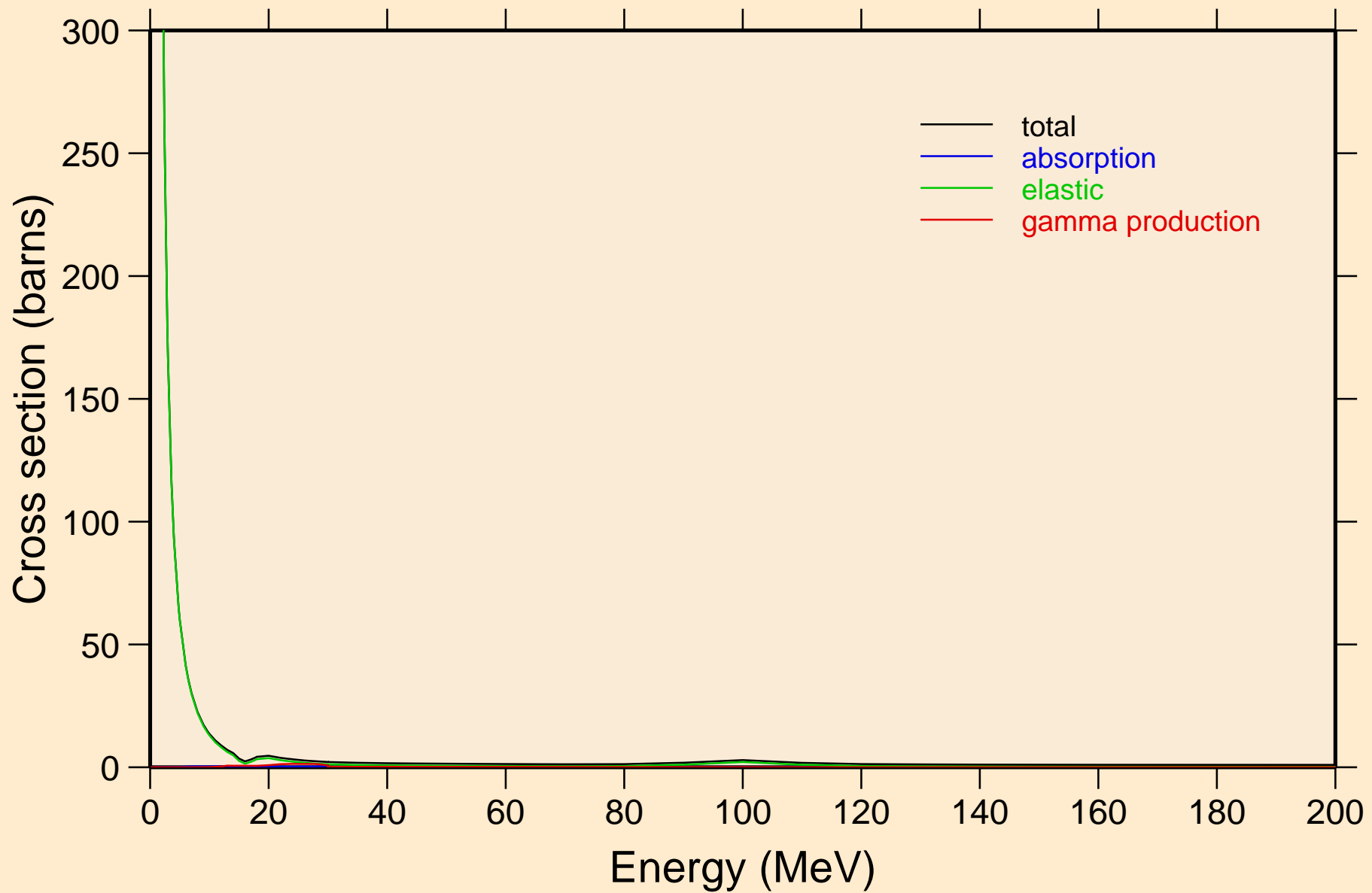
# C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Heating



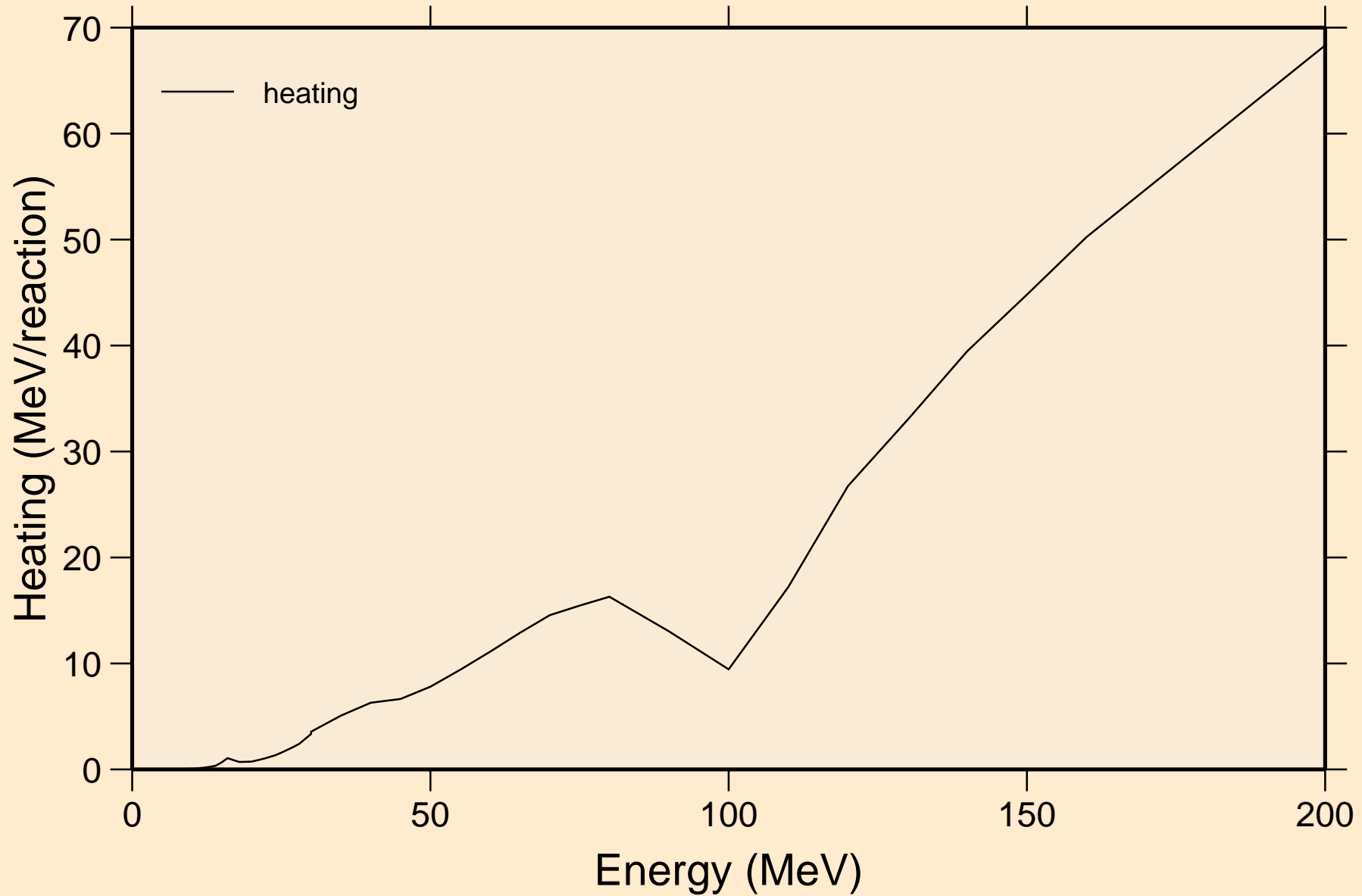
# C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

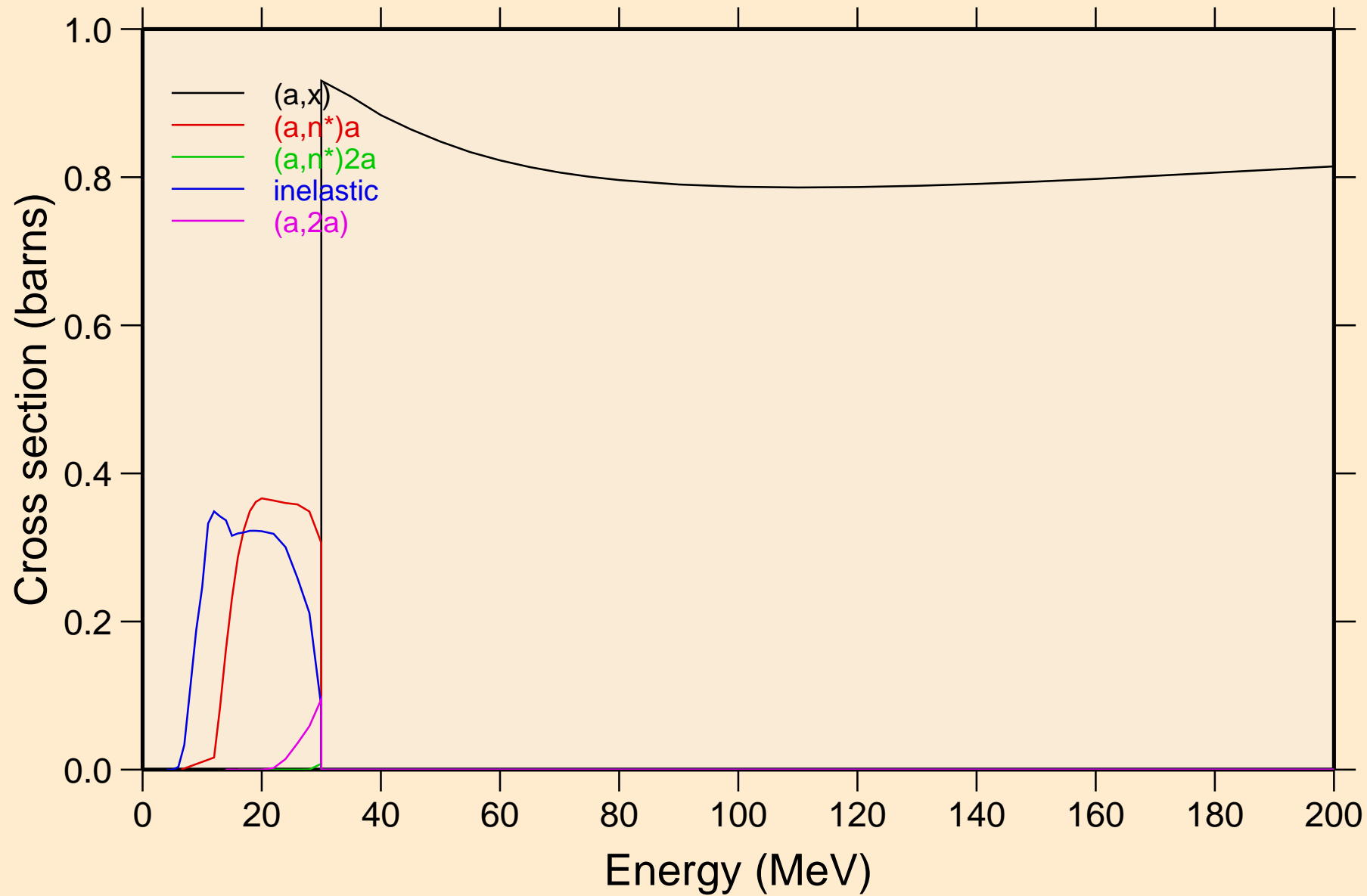


# C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

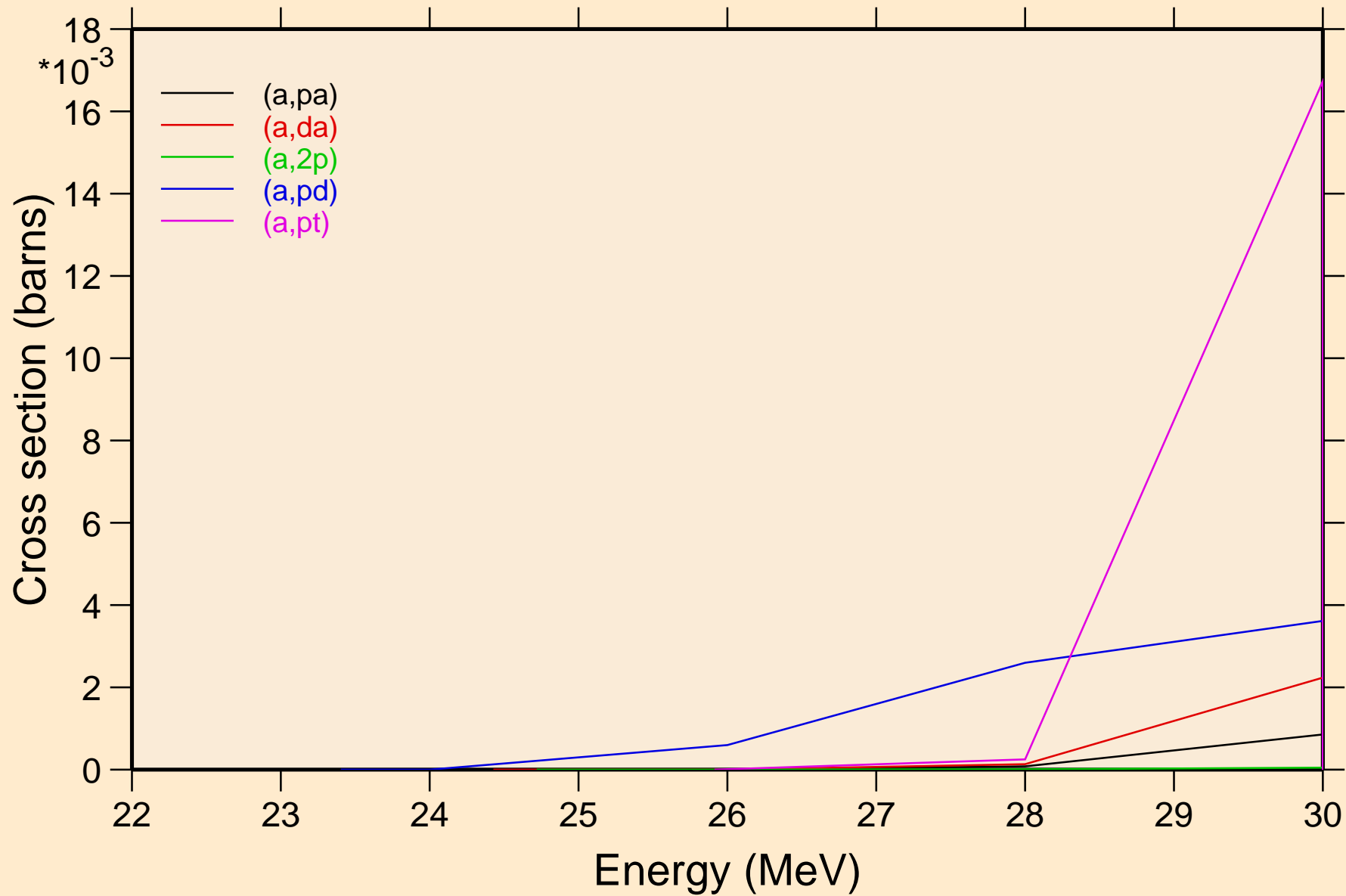
## Heating



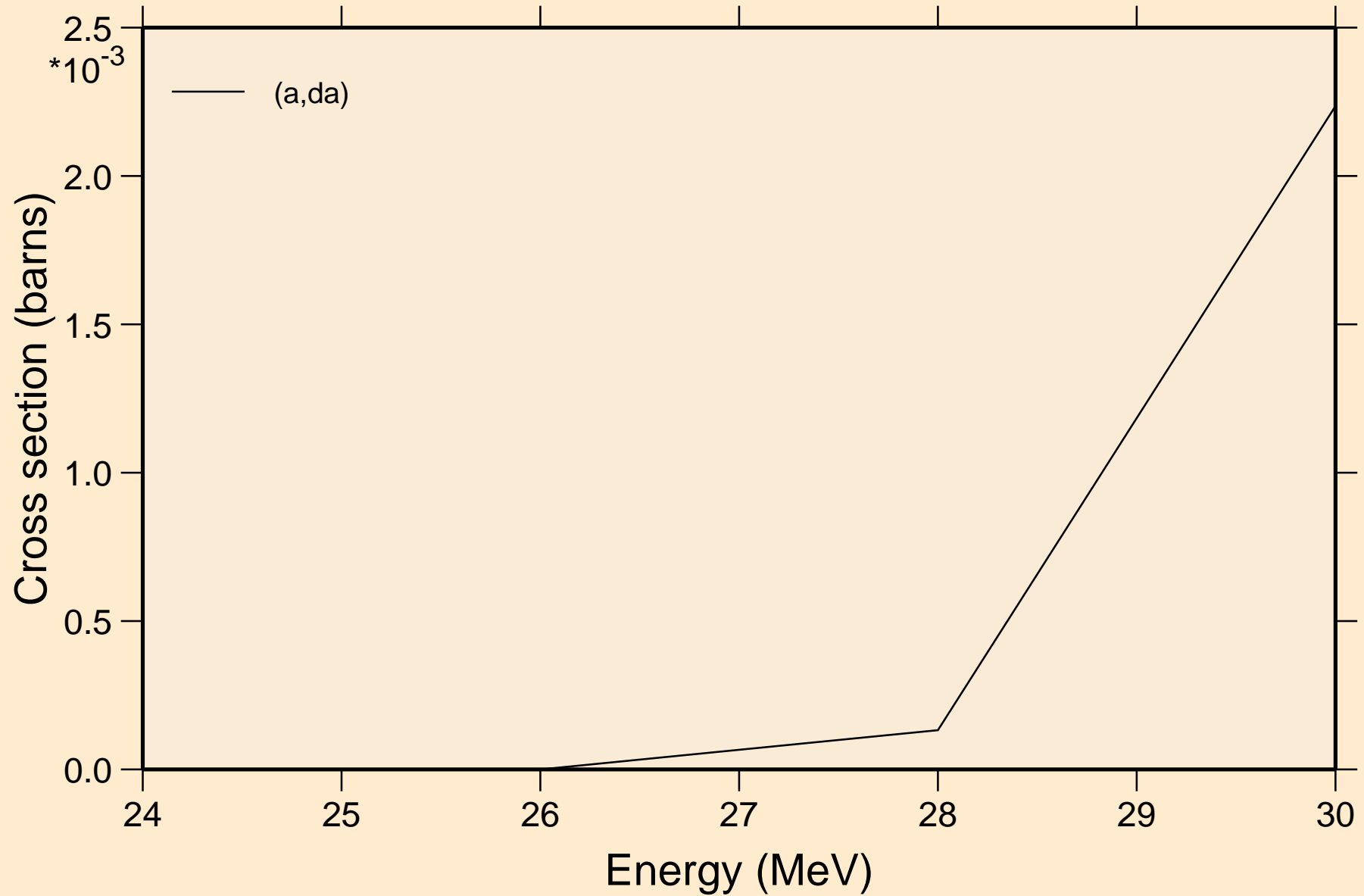
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



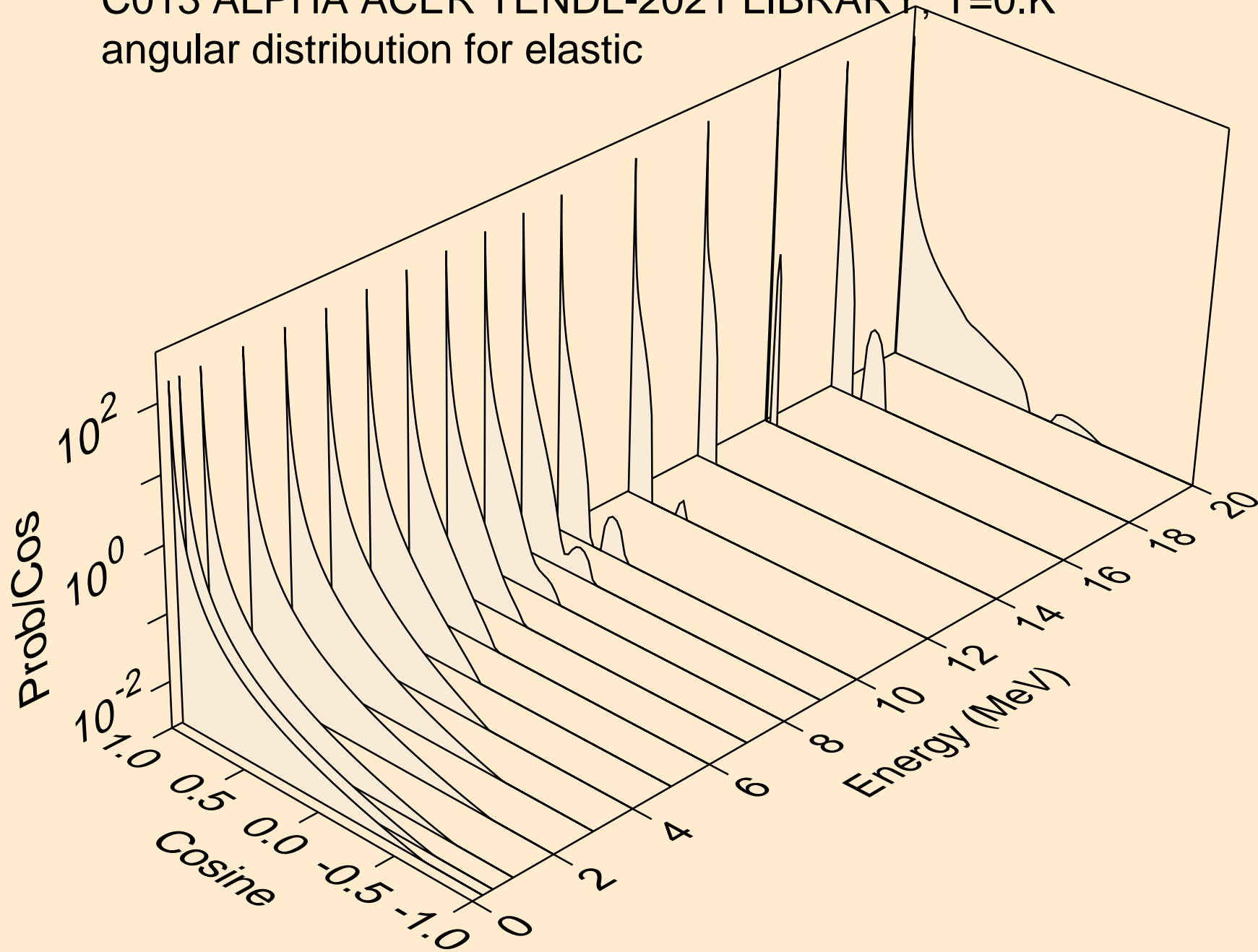
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

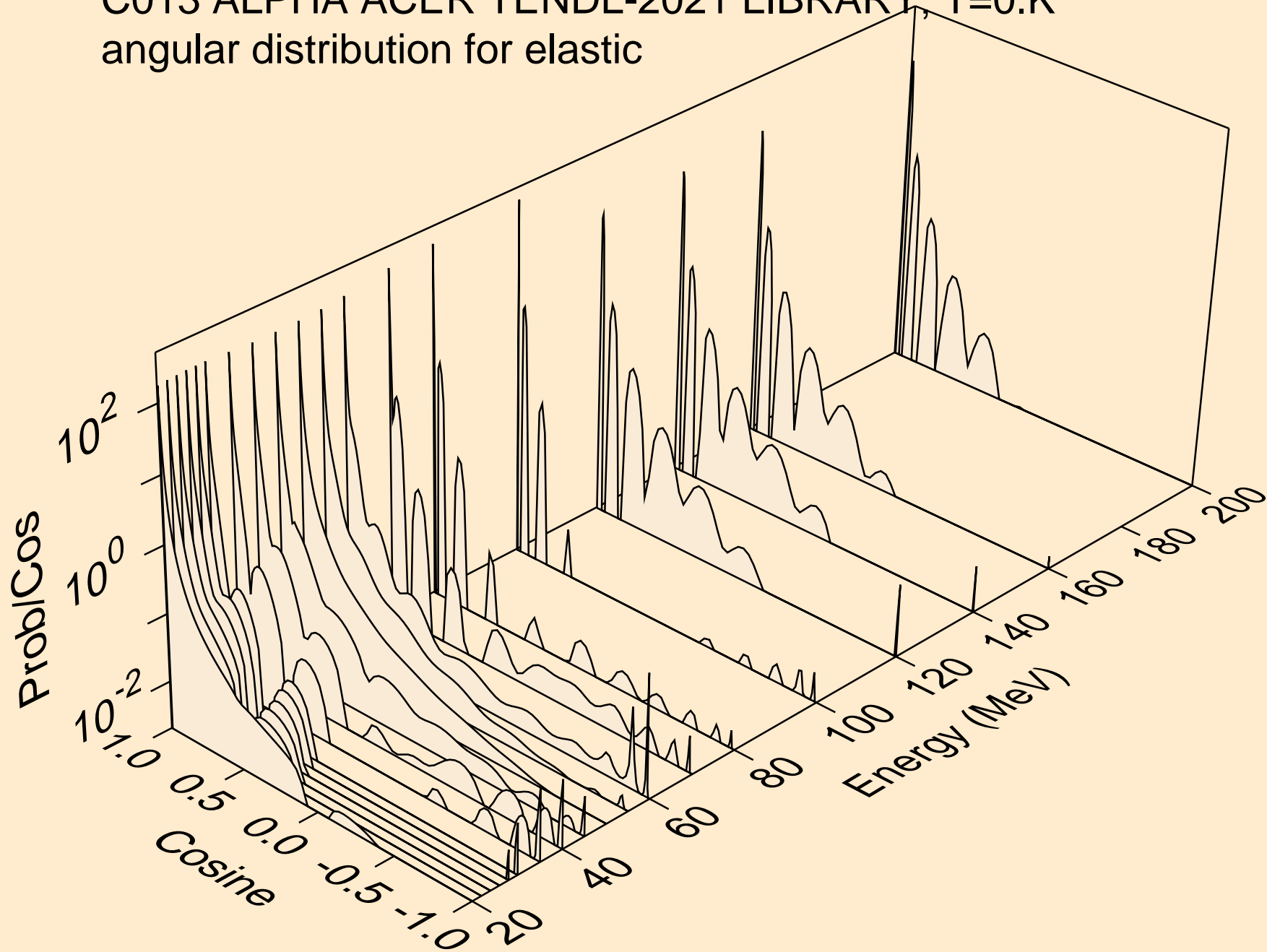


C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

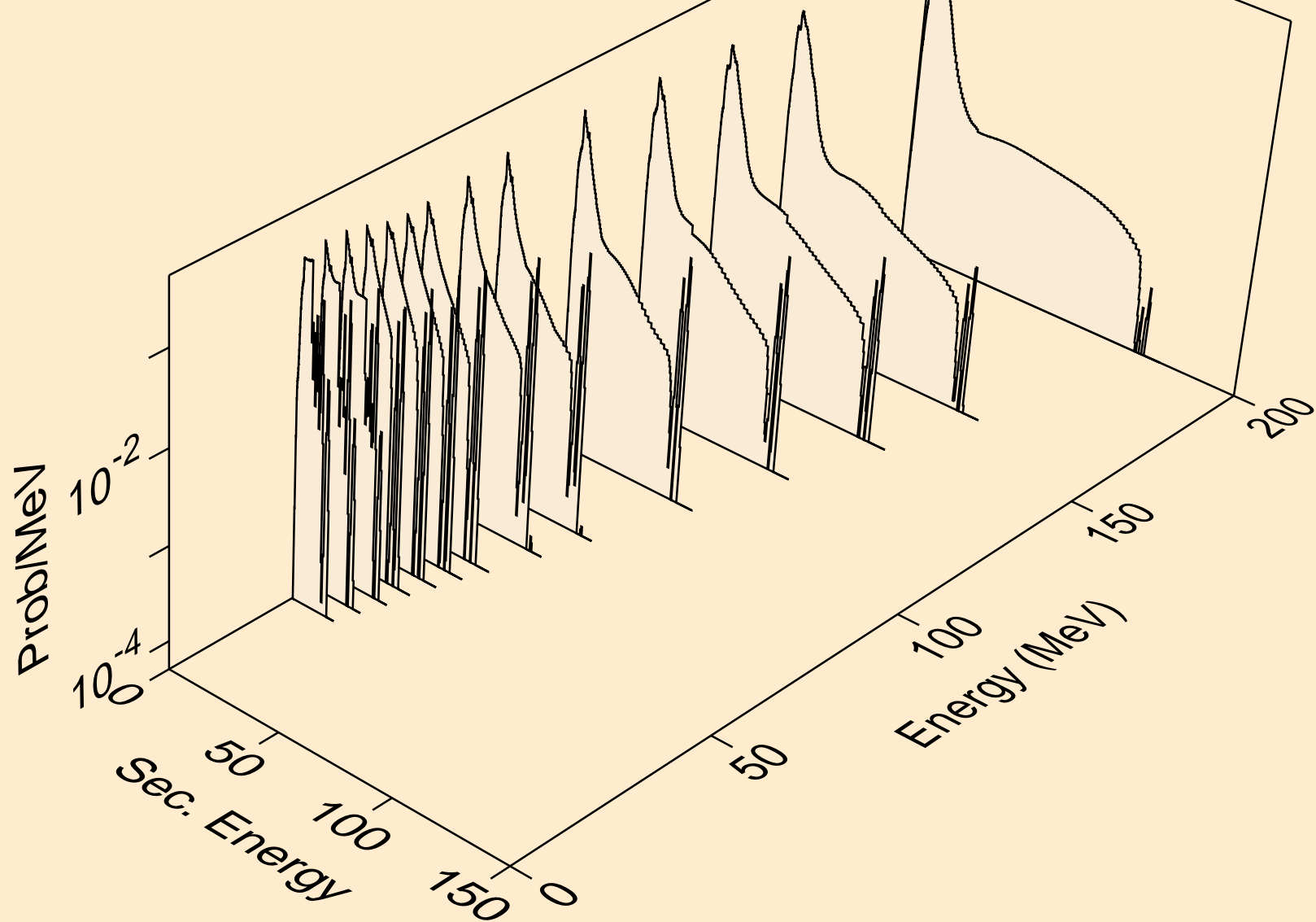




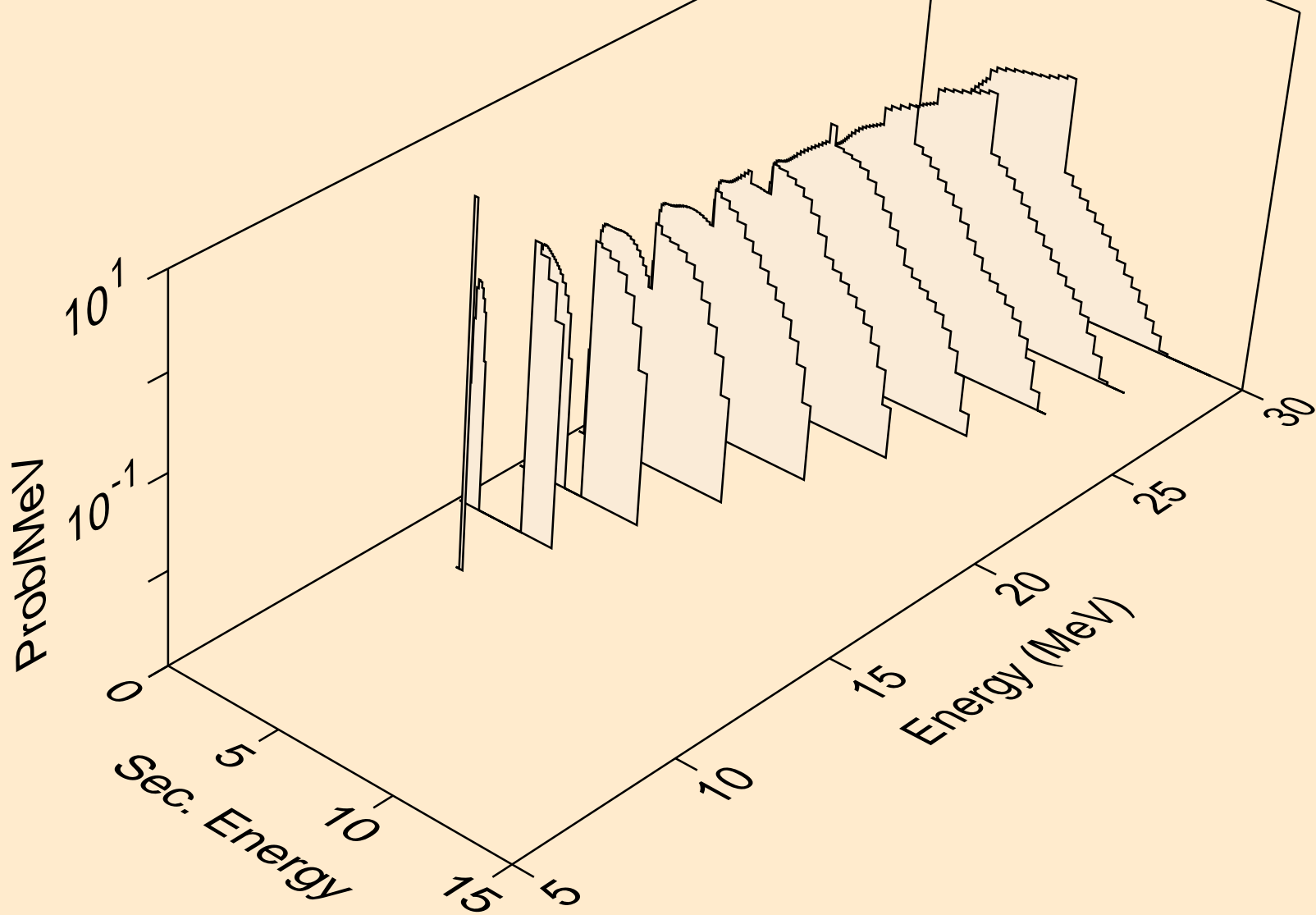
C013 ALPHA ACER TENDL-2021 LIBRARY: T=0.K  
angular distribution for elastic



C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)

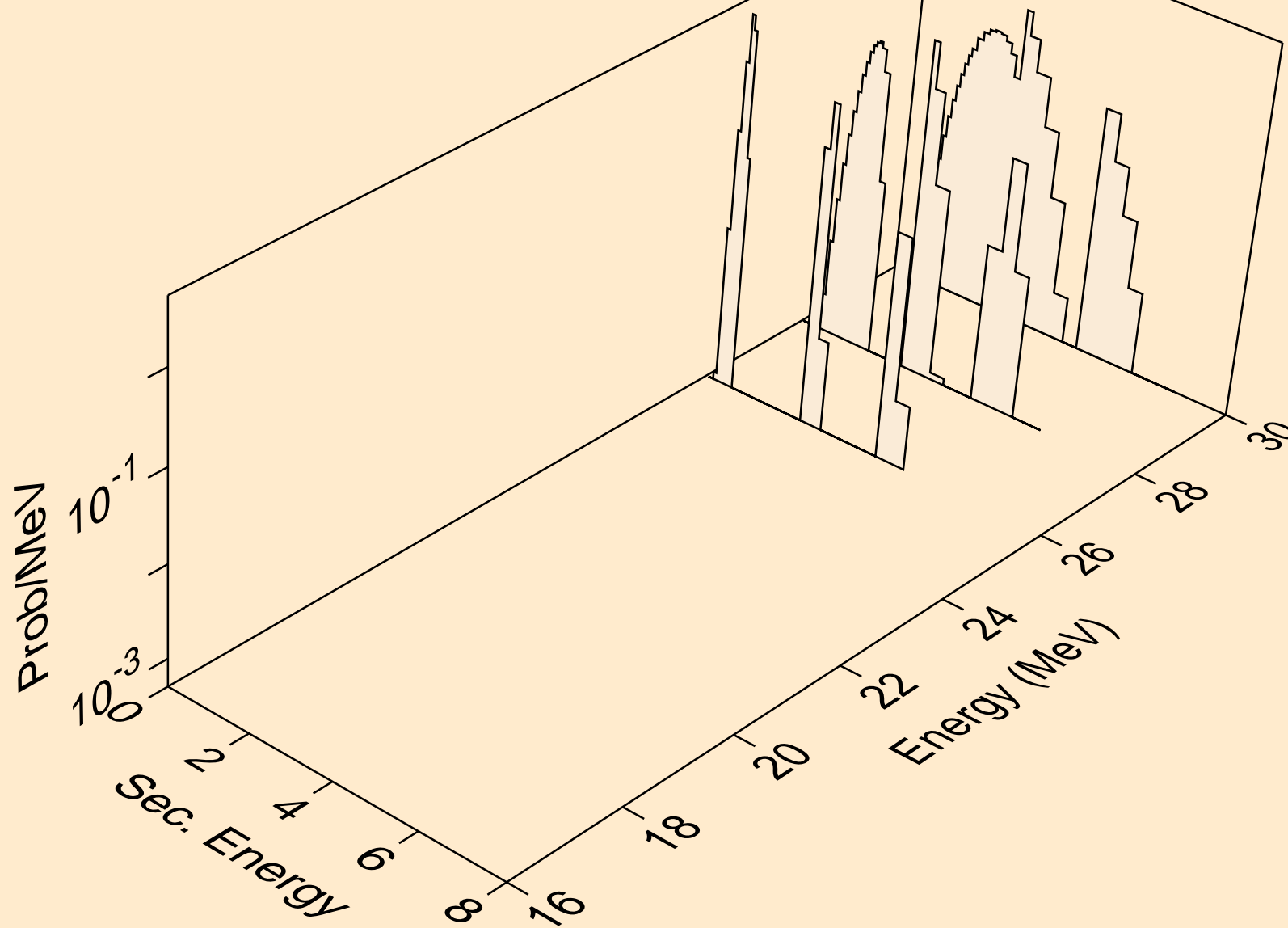


C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

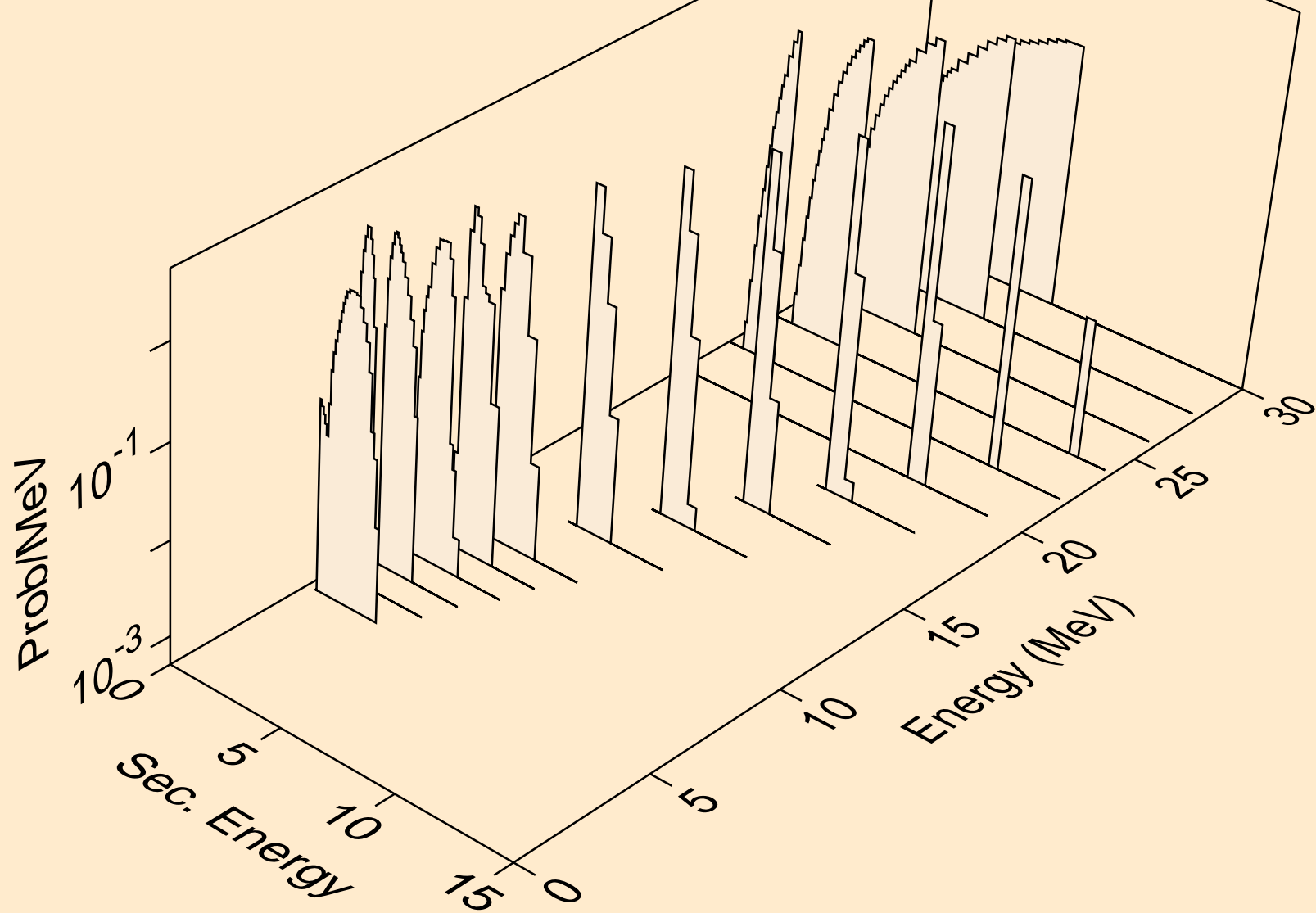


C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

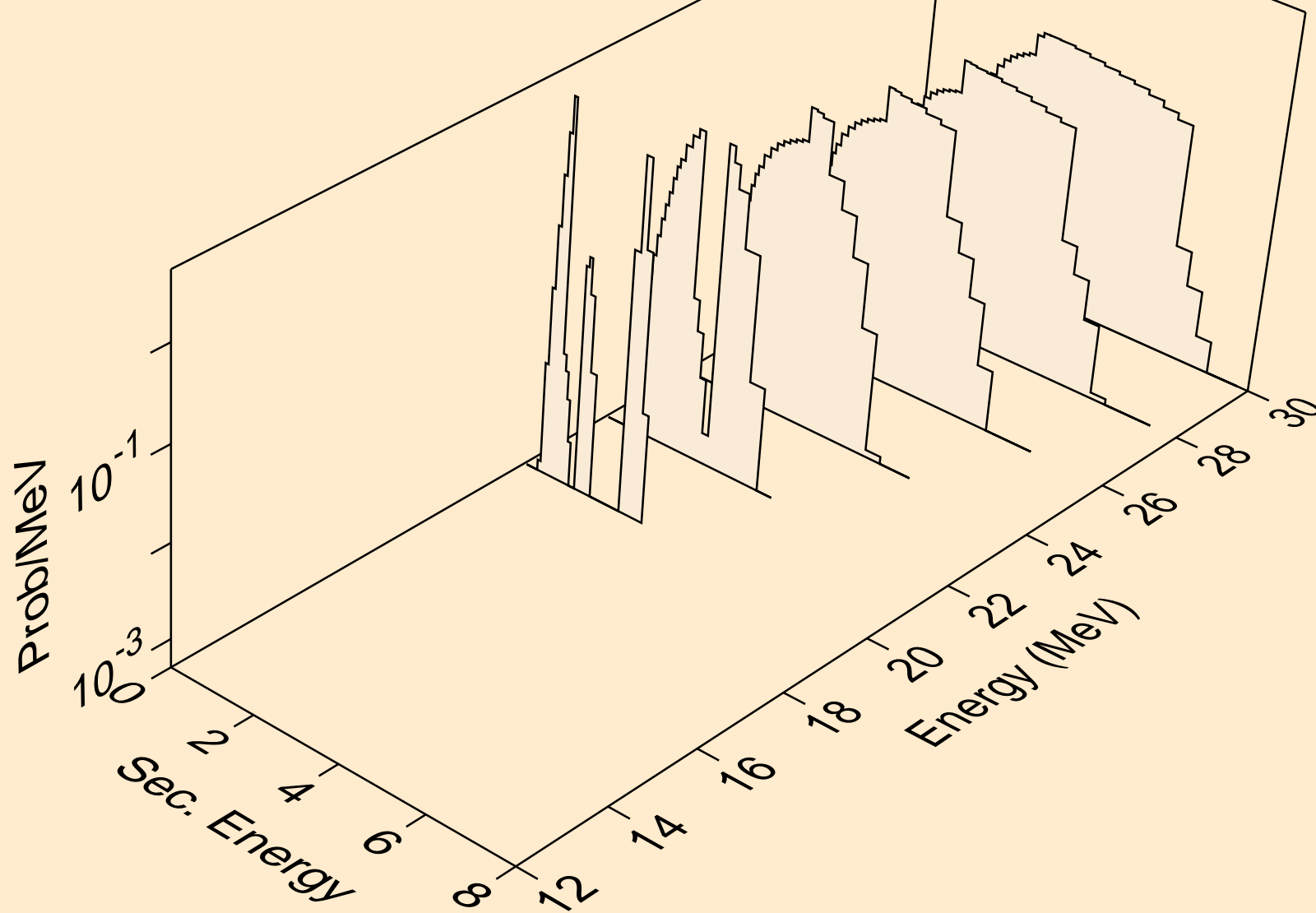
Alpha emission for (a,n\*)2a



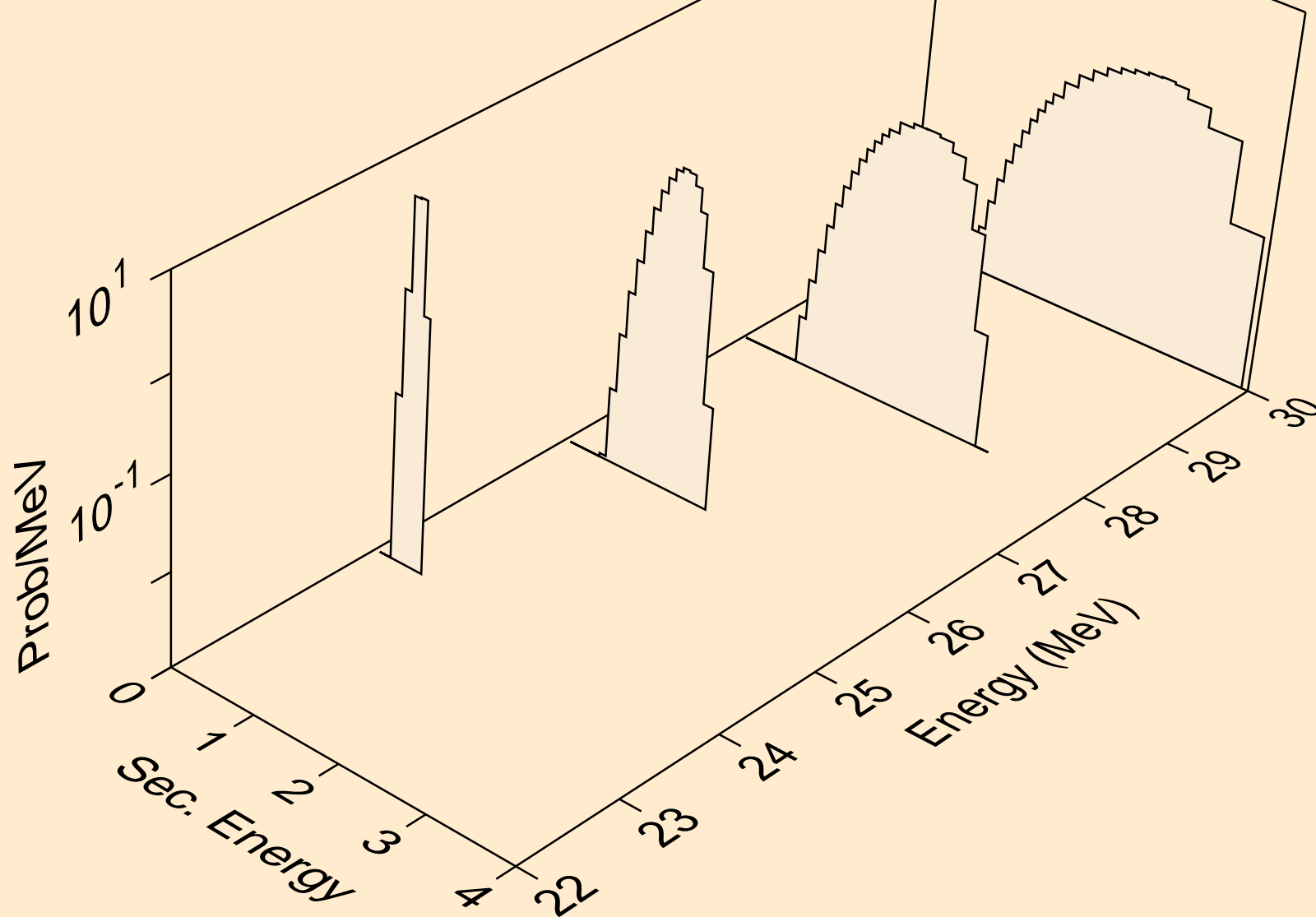
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



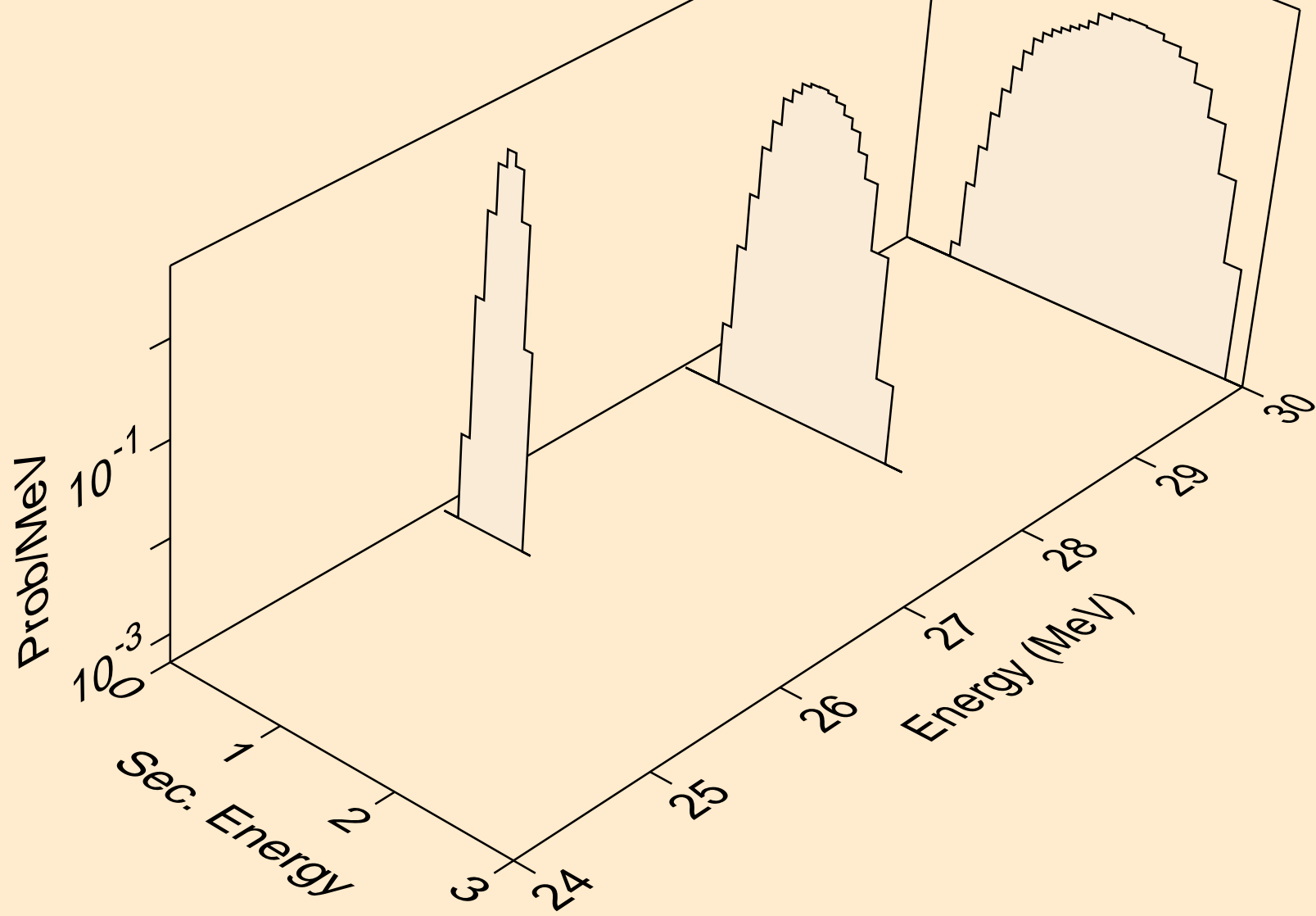
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

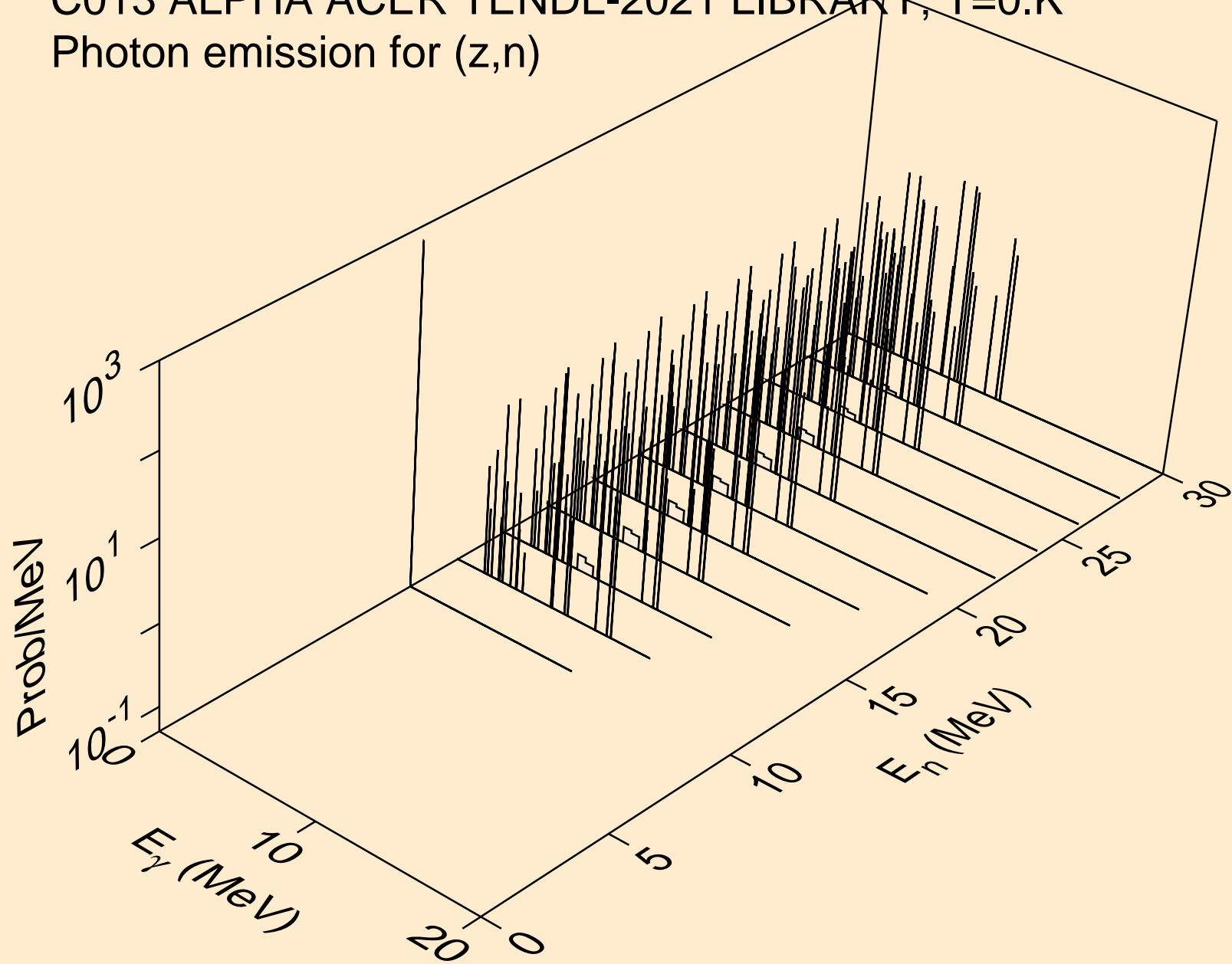


C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)

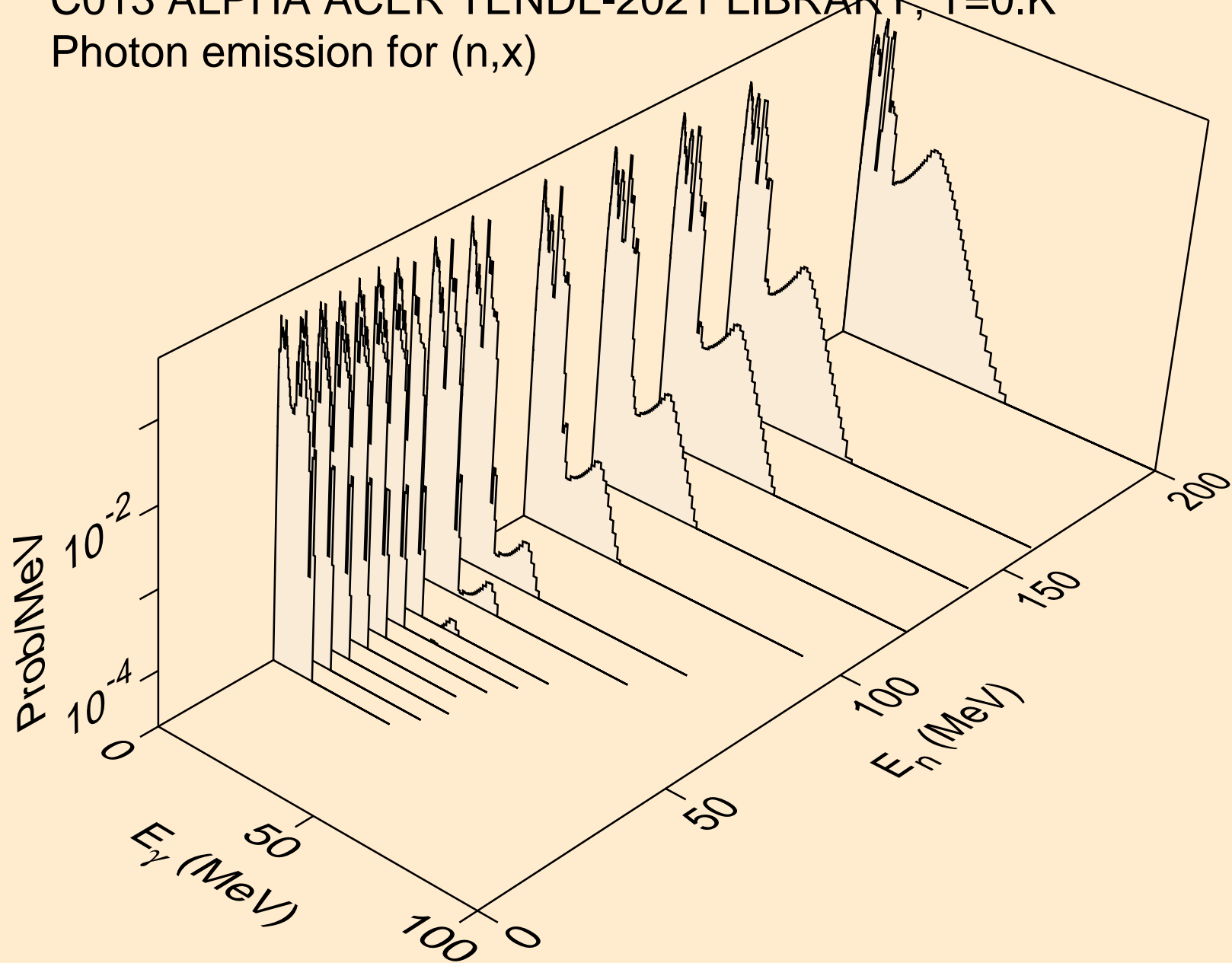




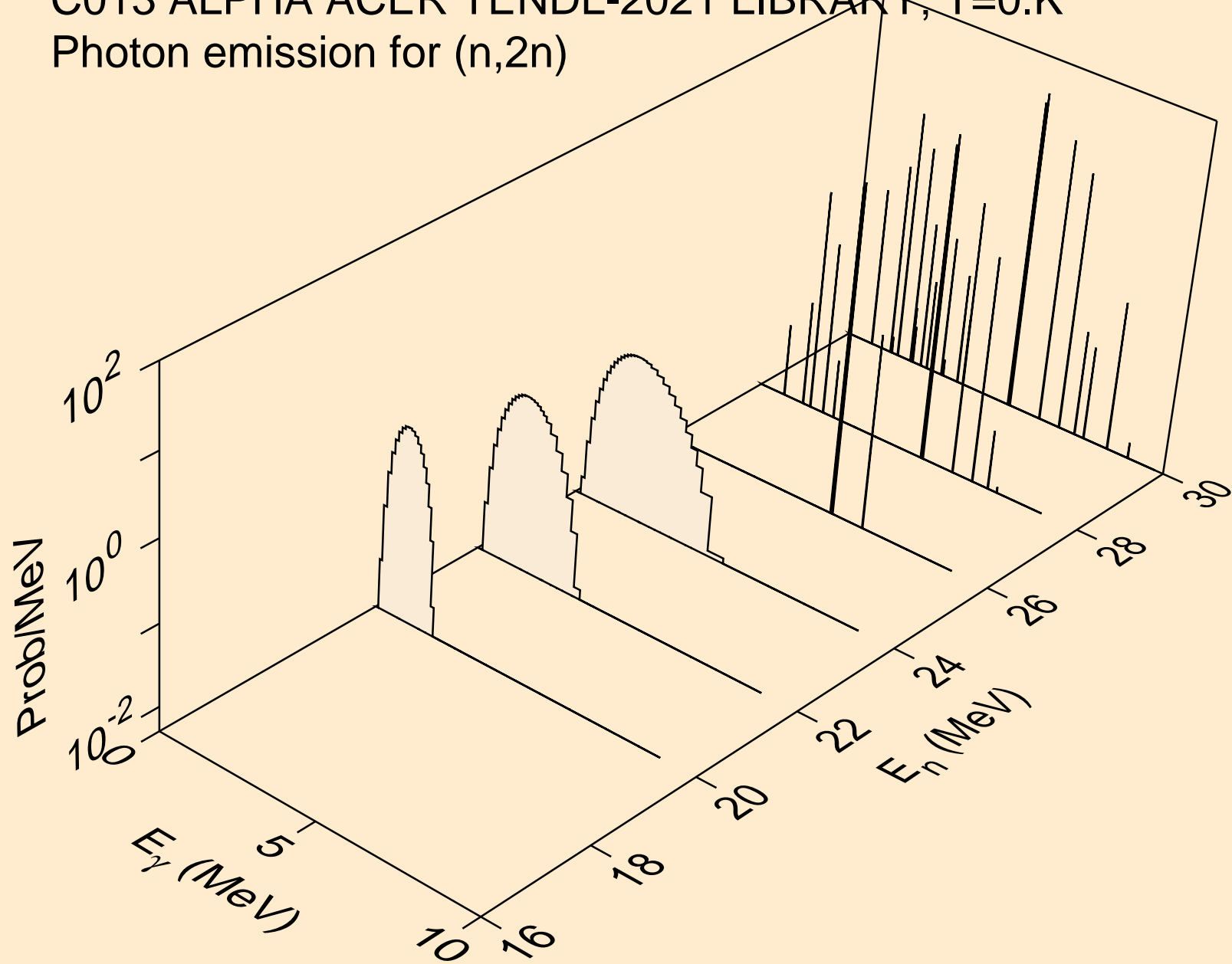
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Photon emission for (z,n)



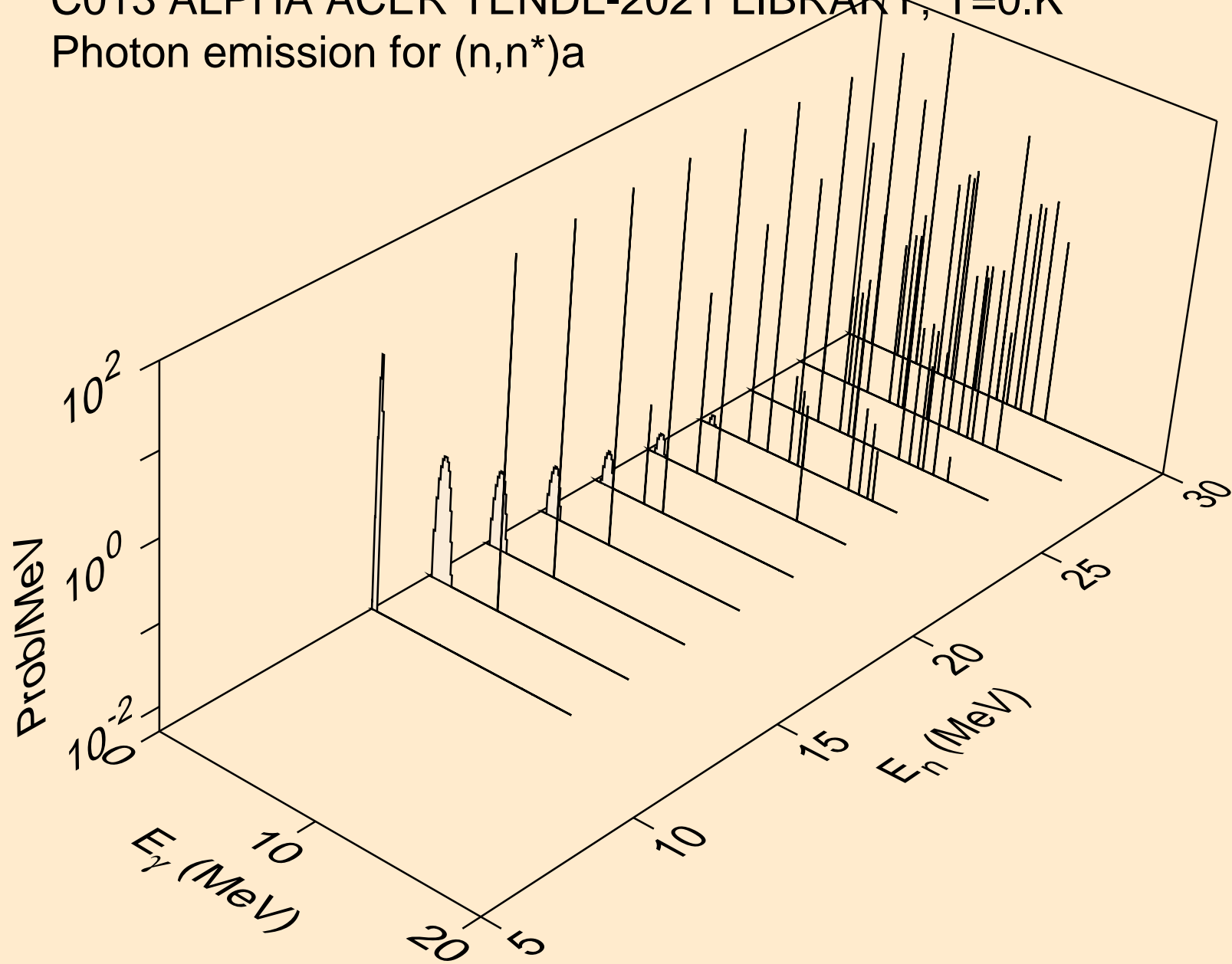
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Photon emission for (n,x)



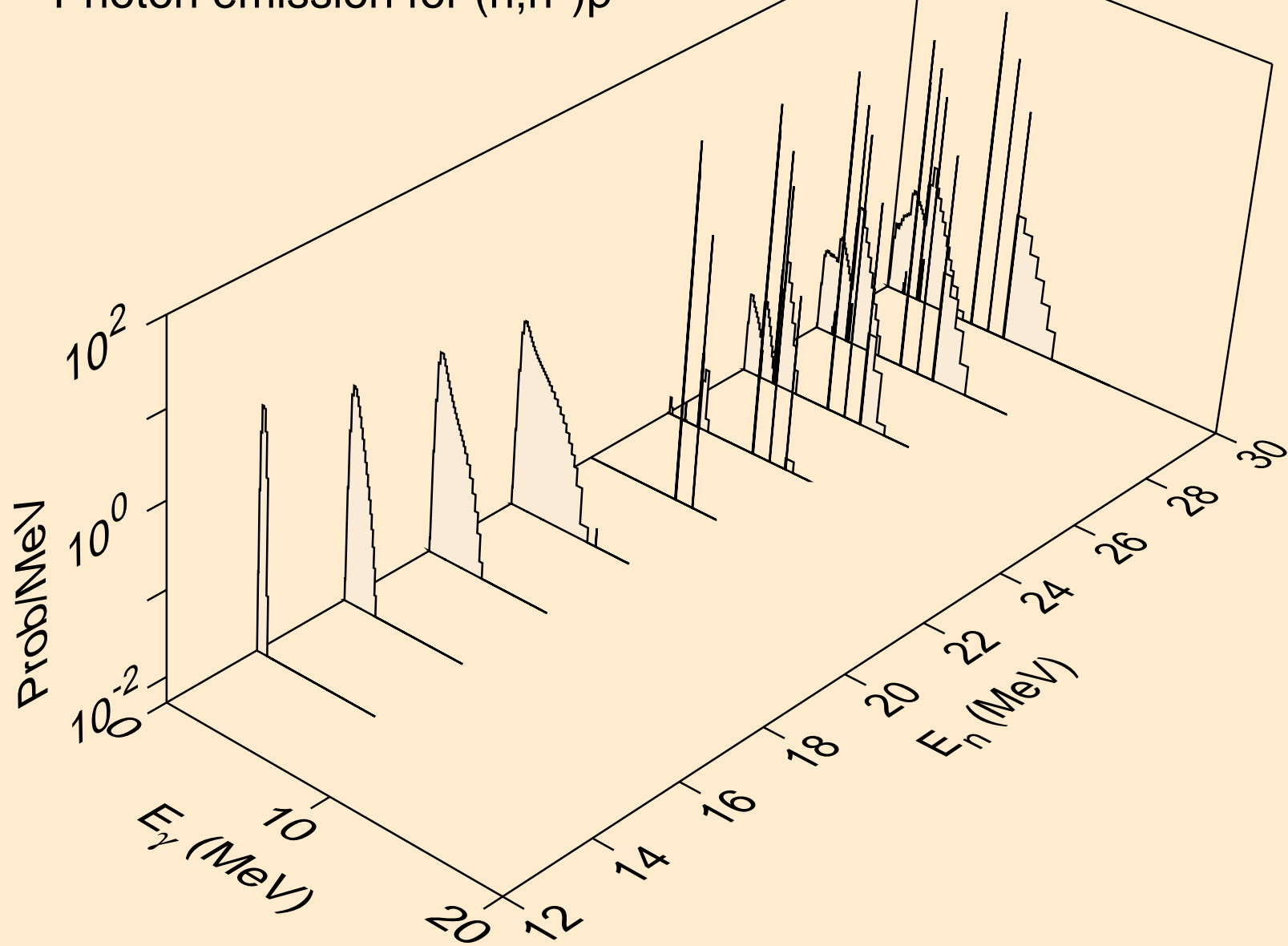
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



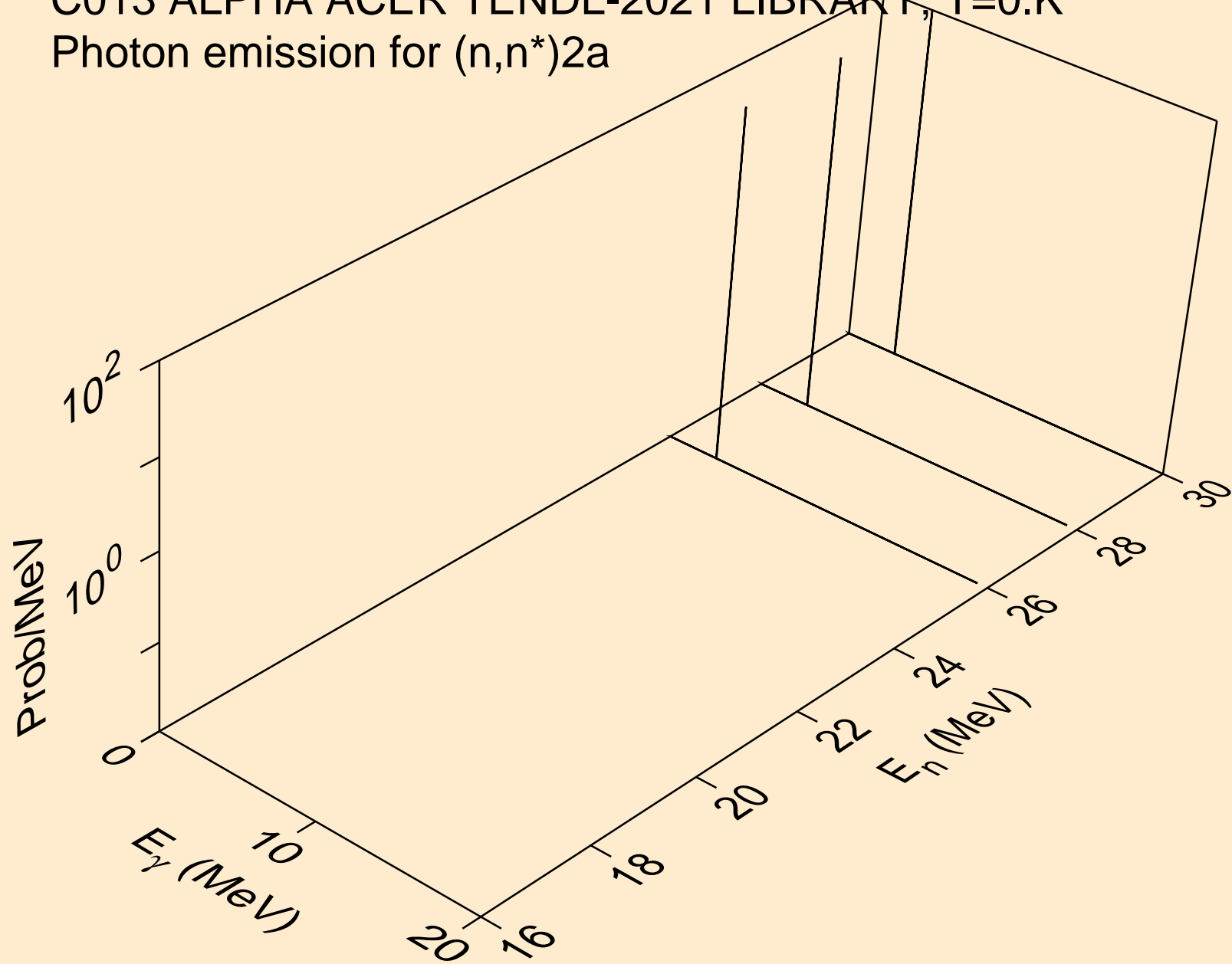
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



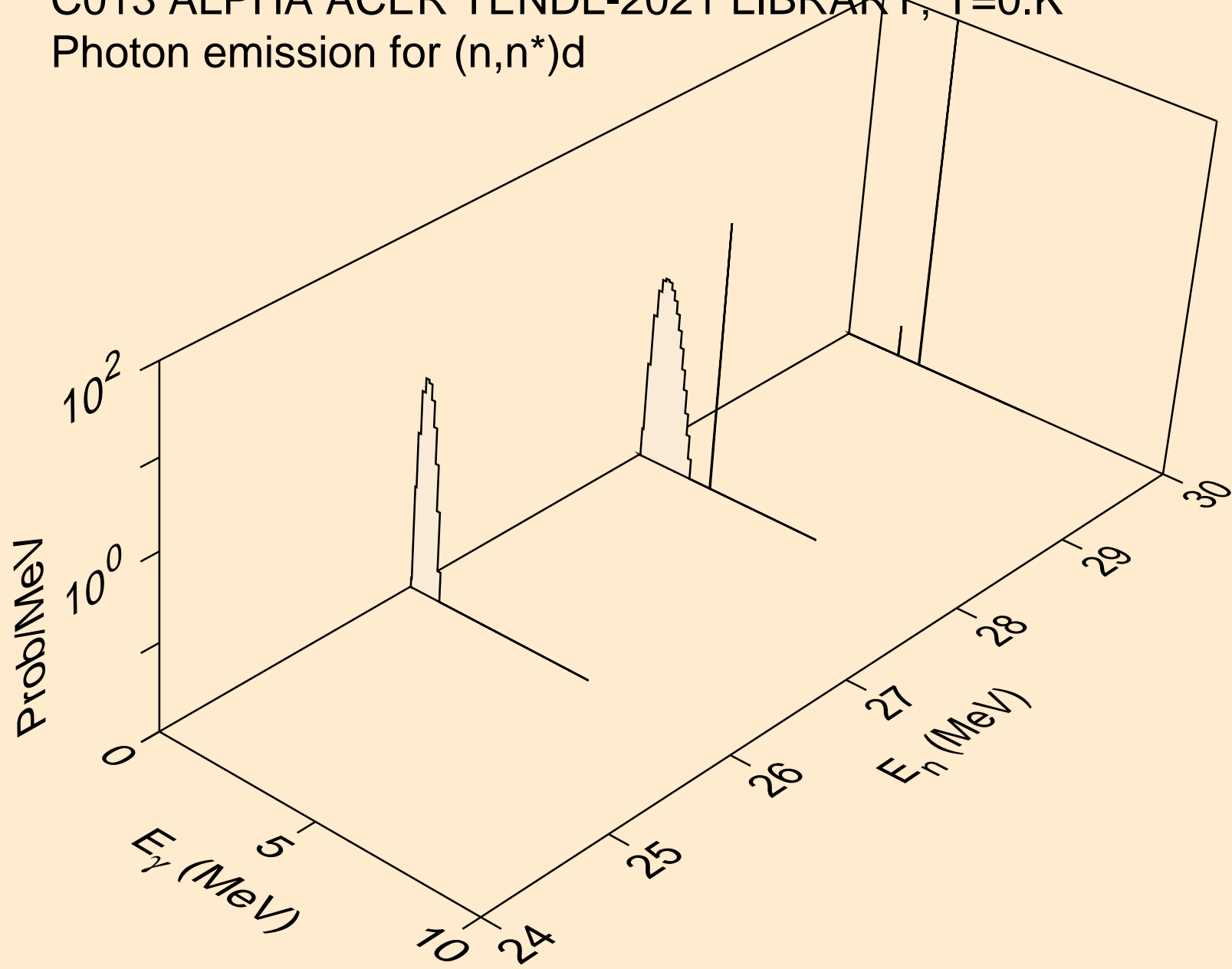
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



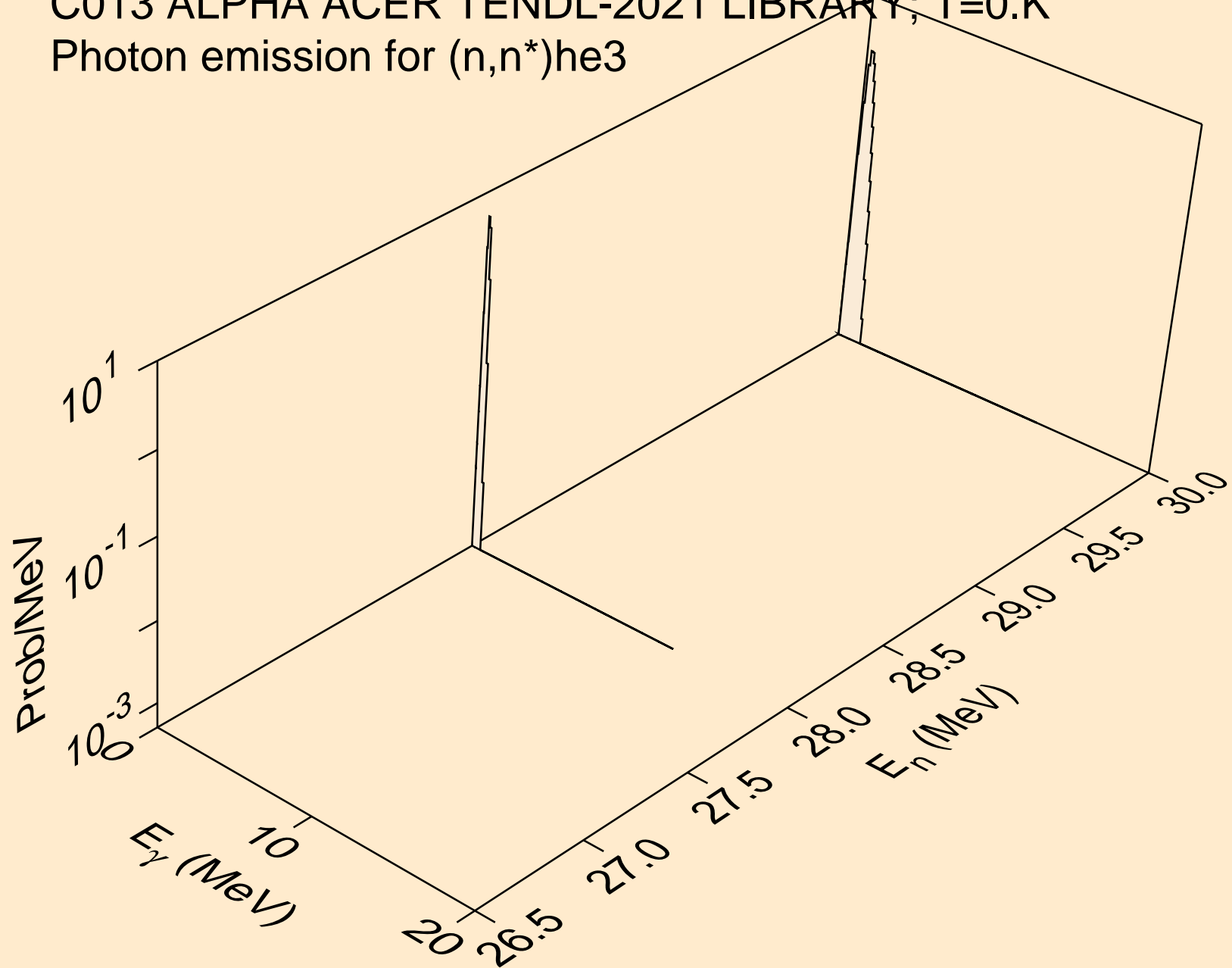
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

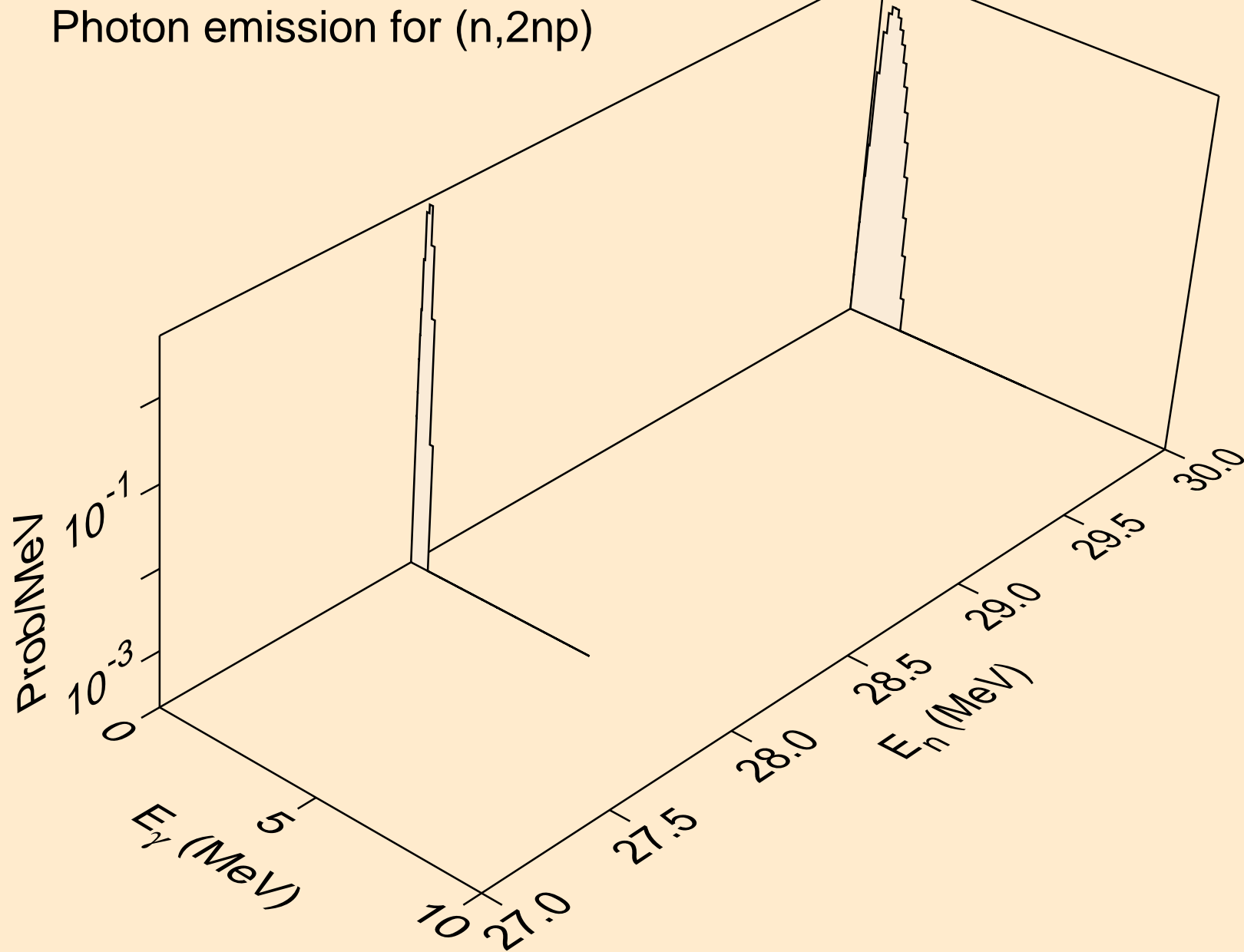


C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

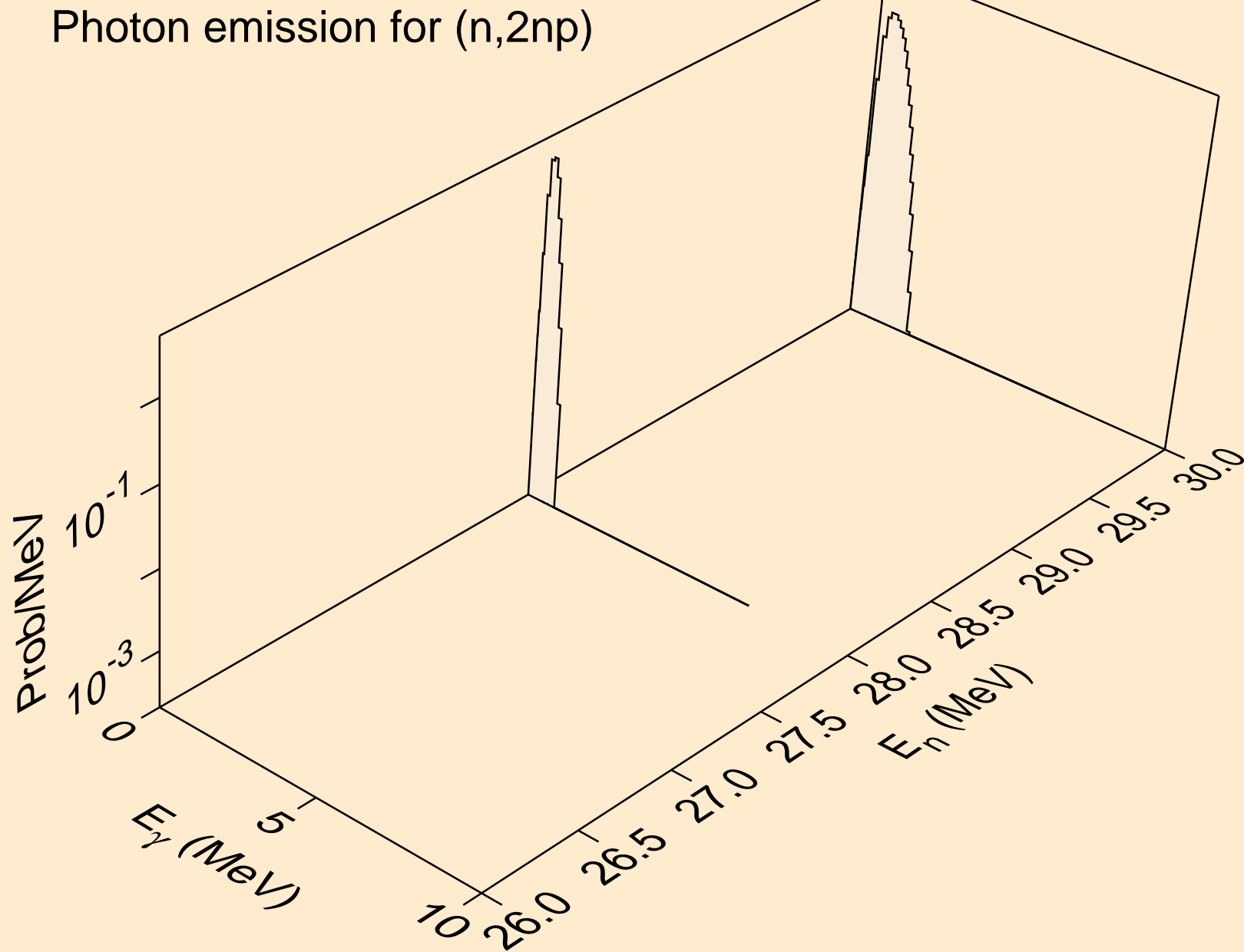




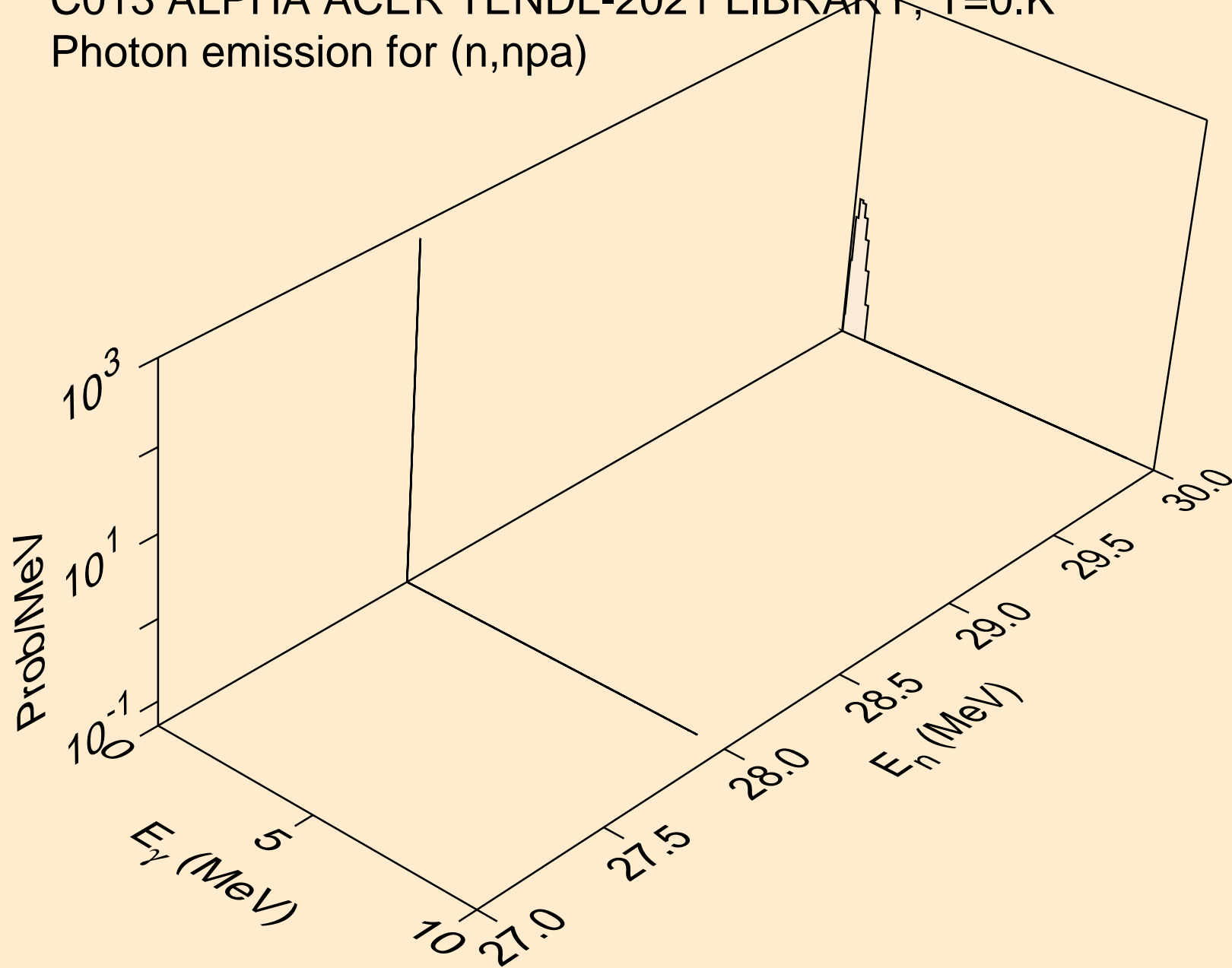
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



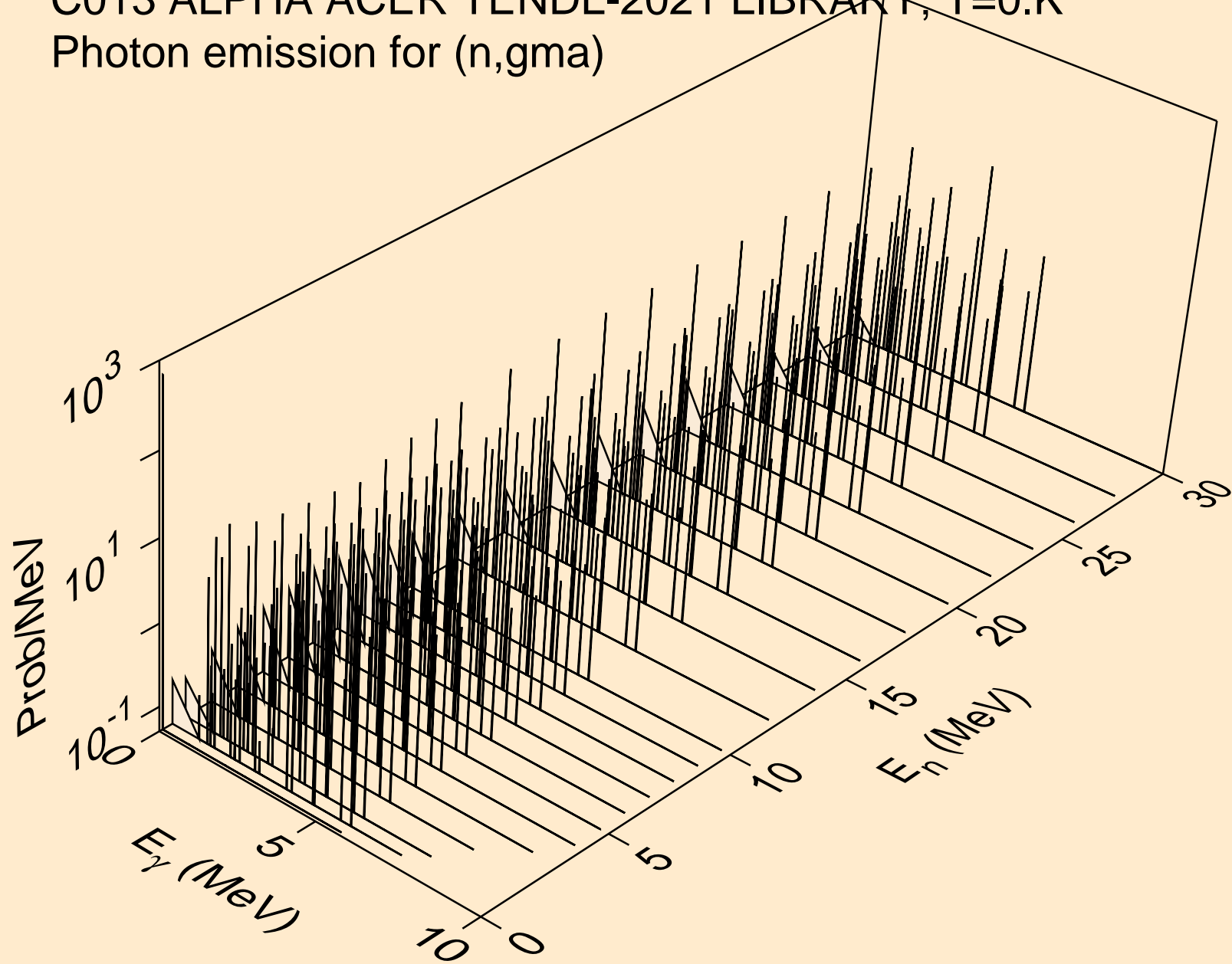
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



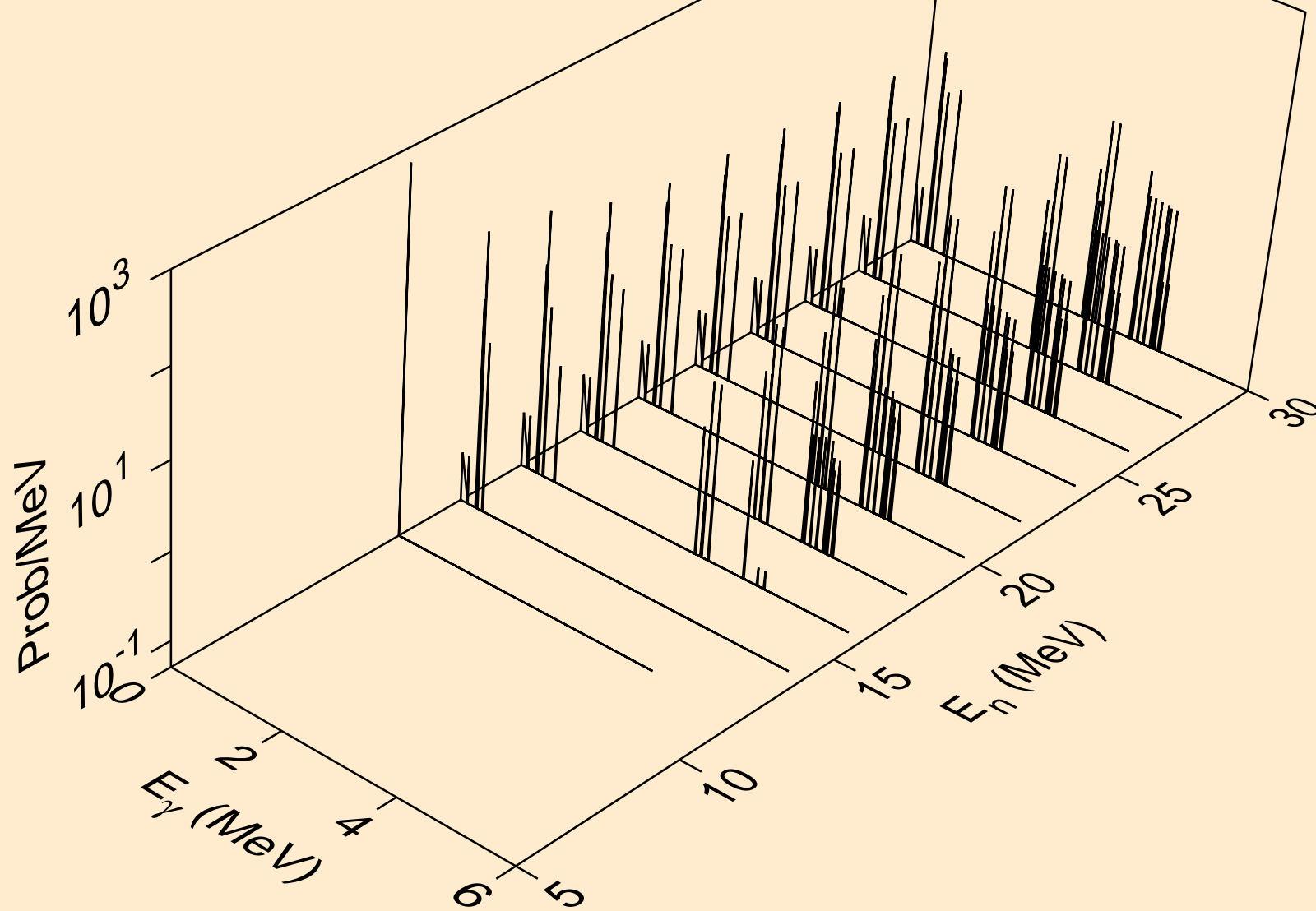
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



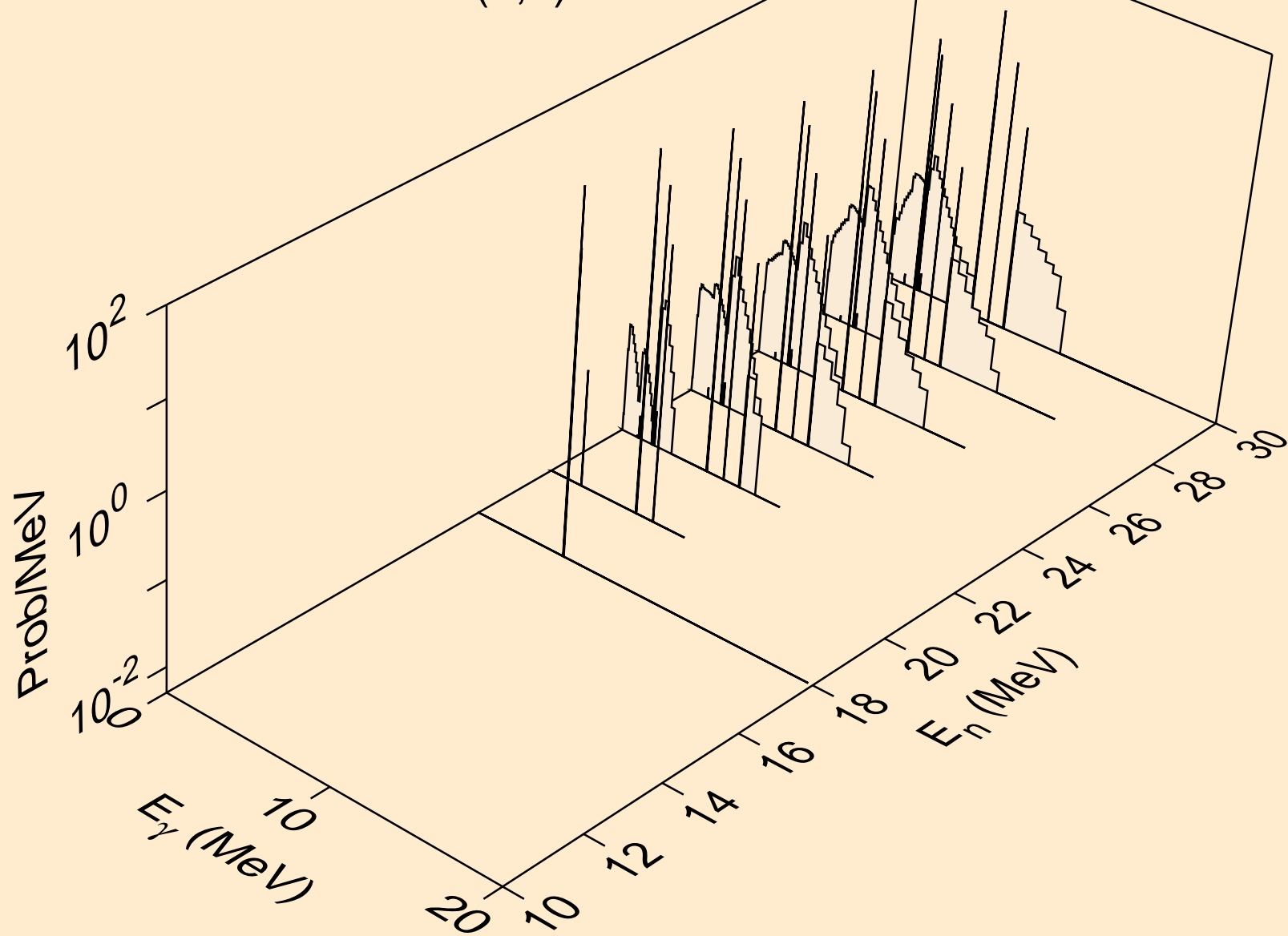
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



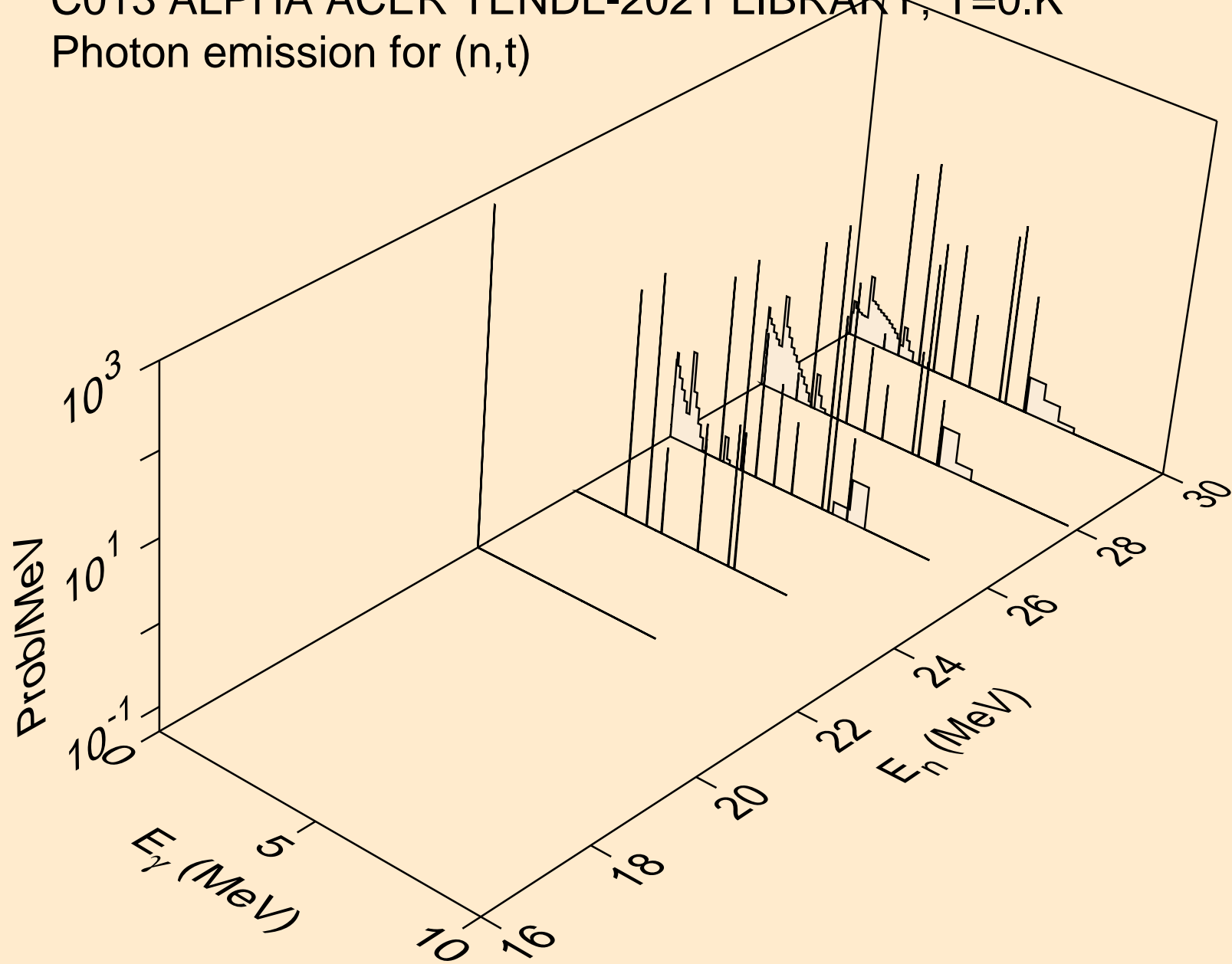
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



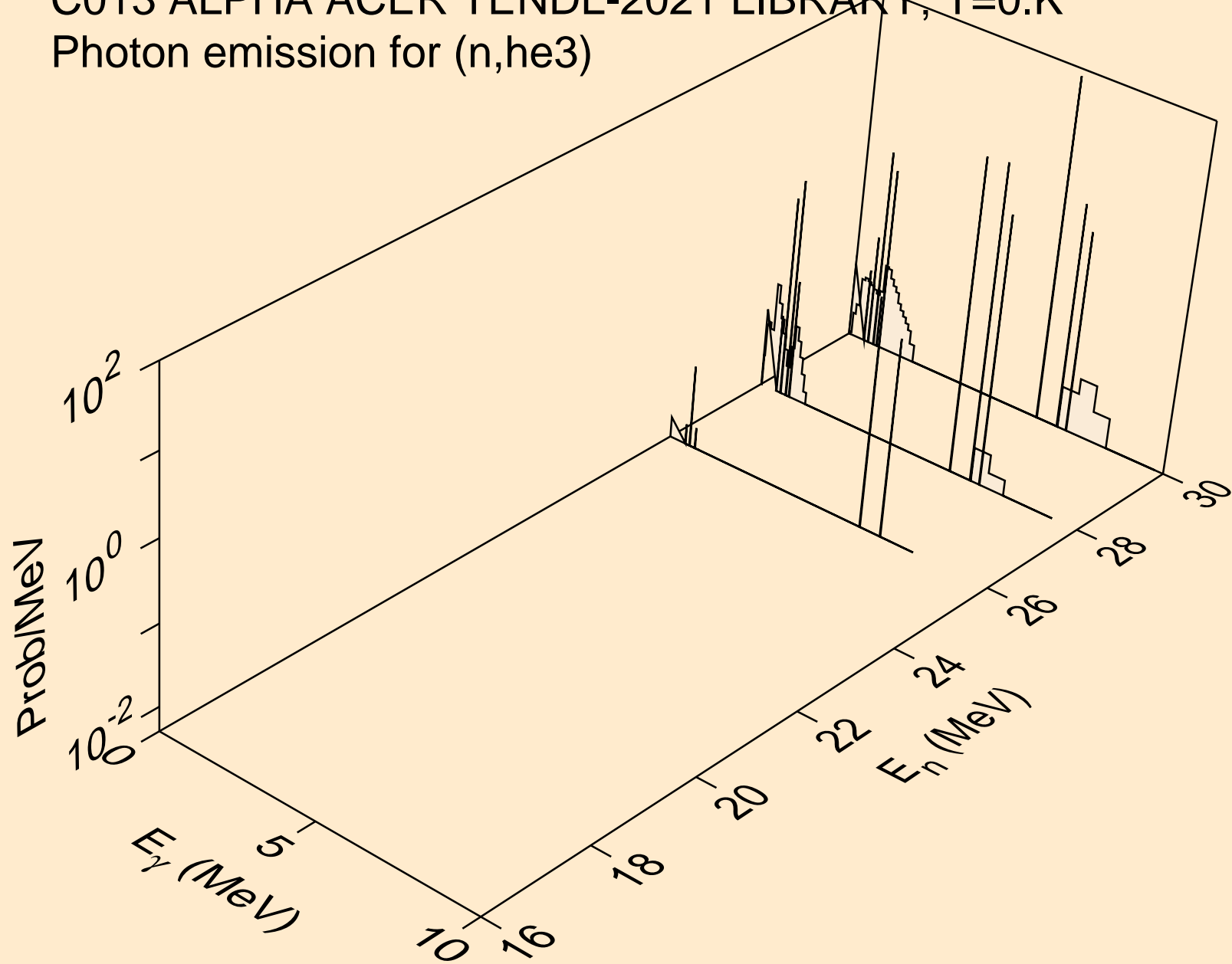
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

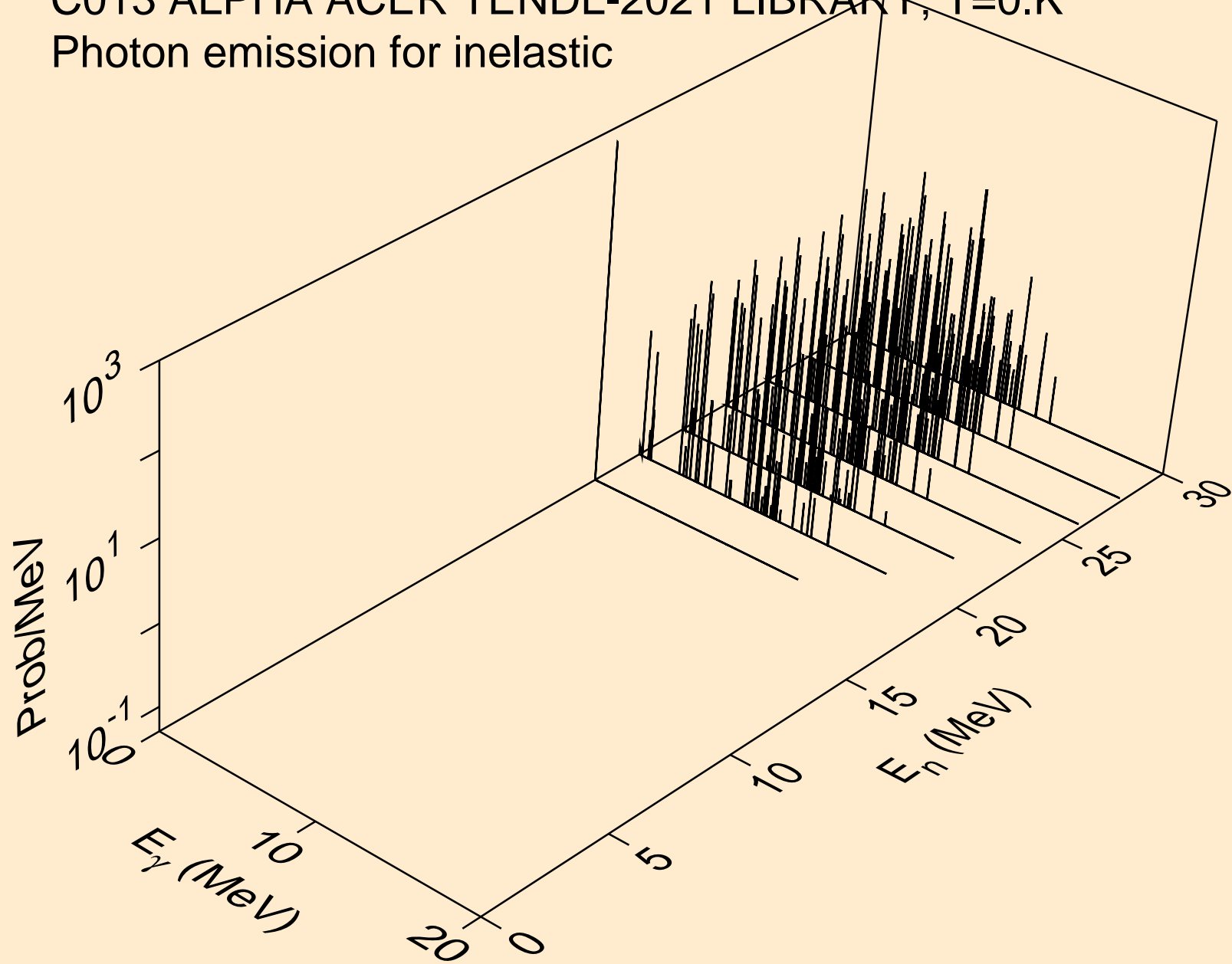


C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

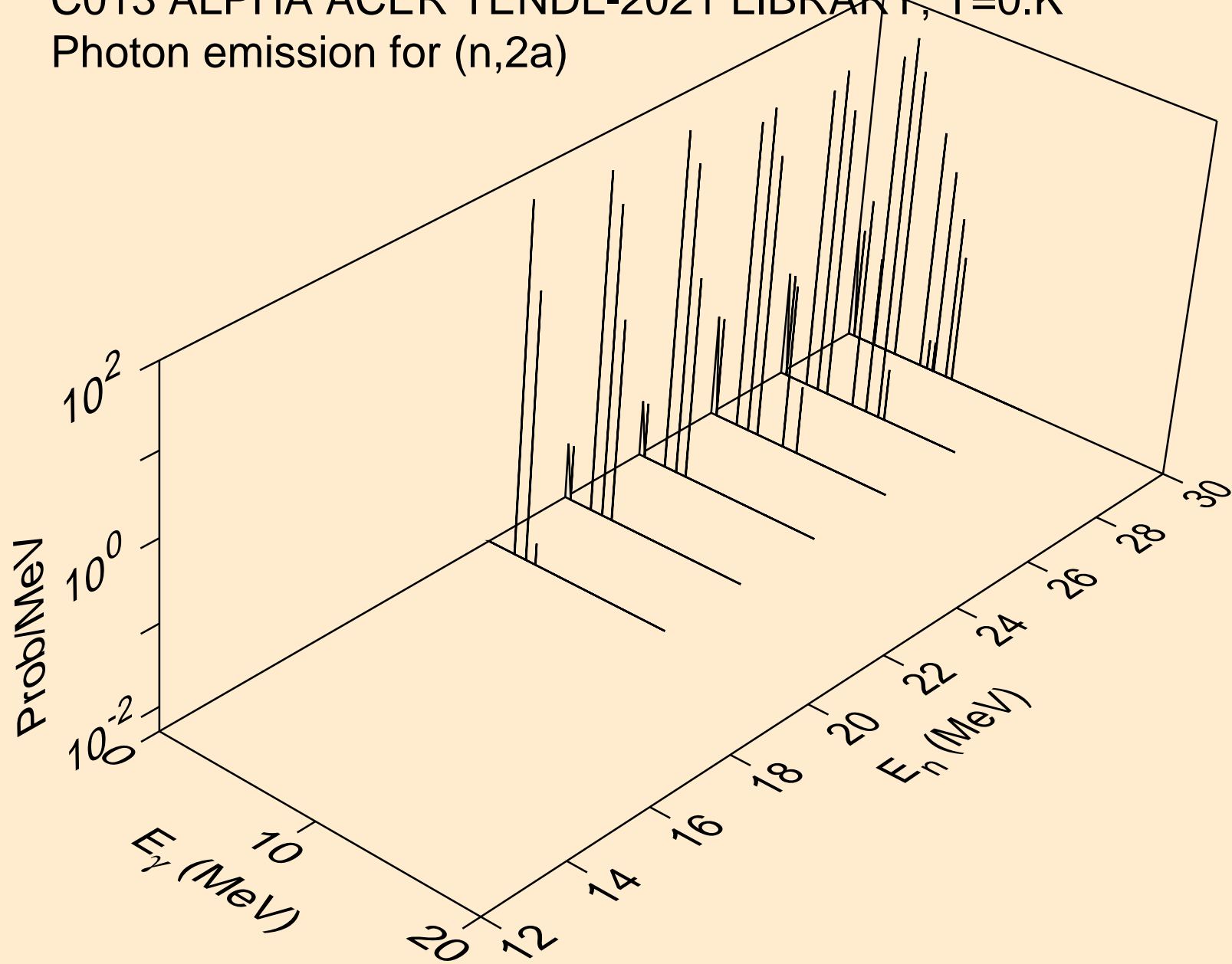




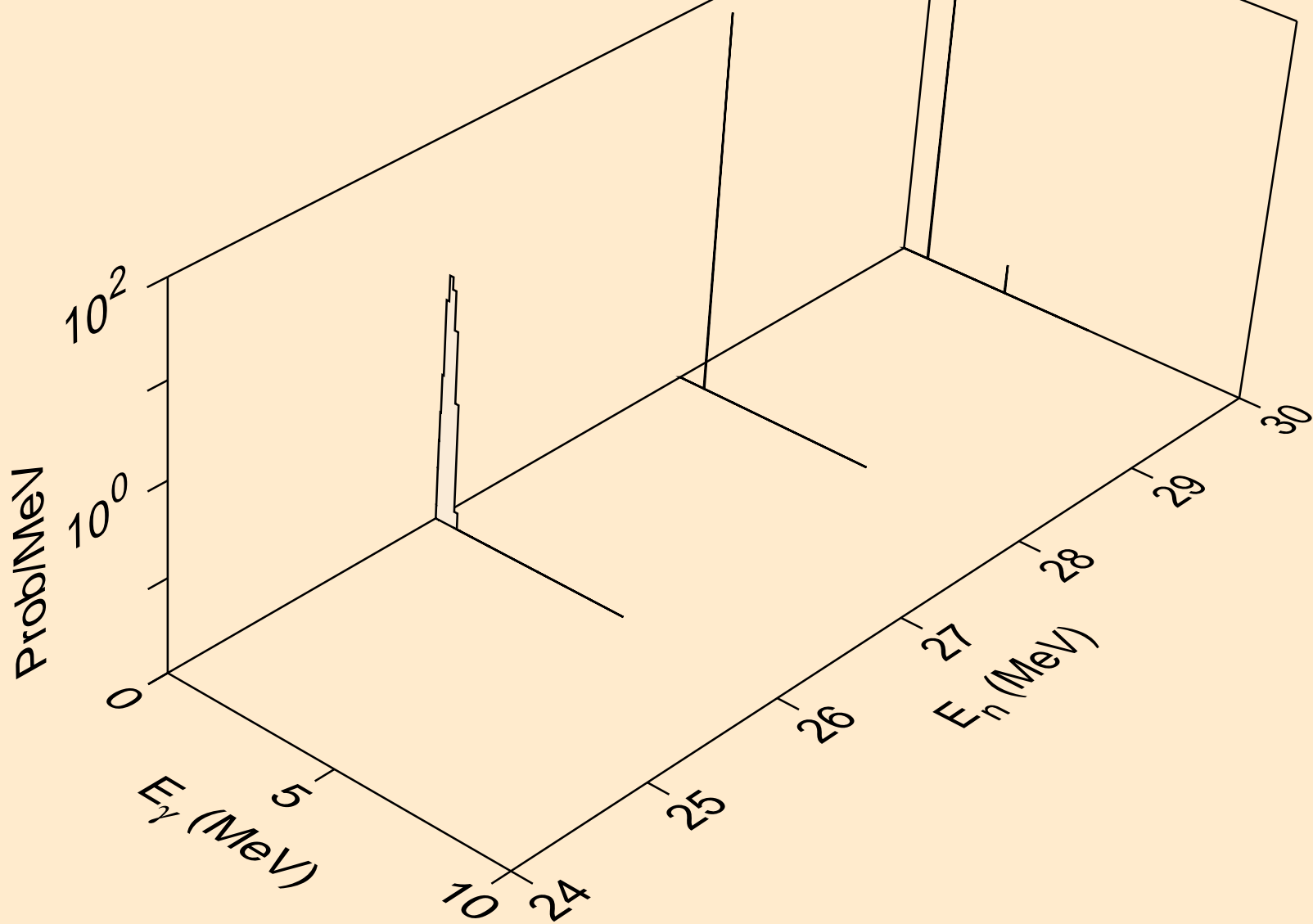
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



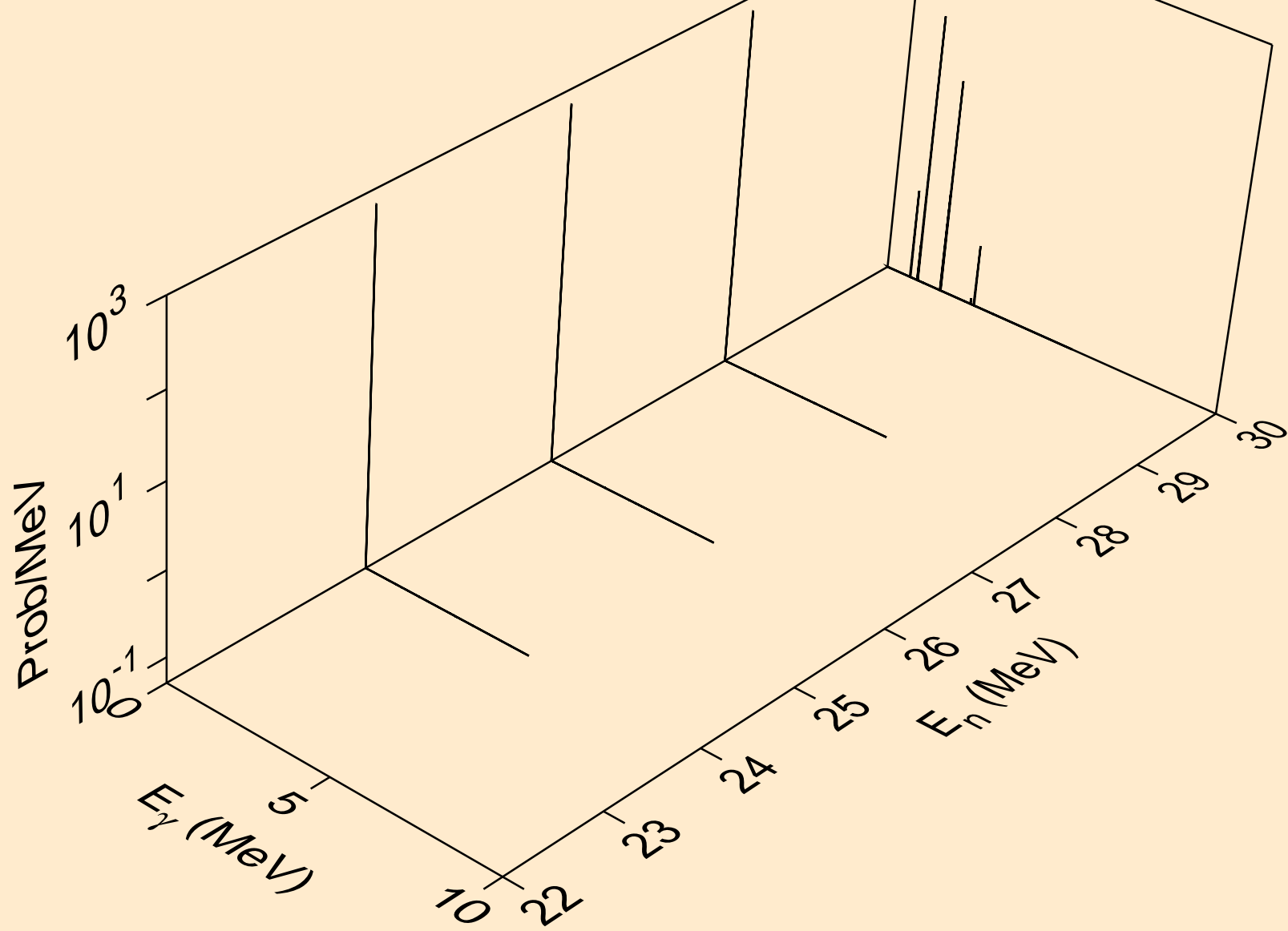
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



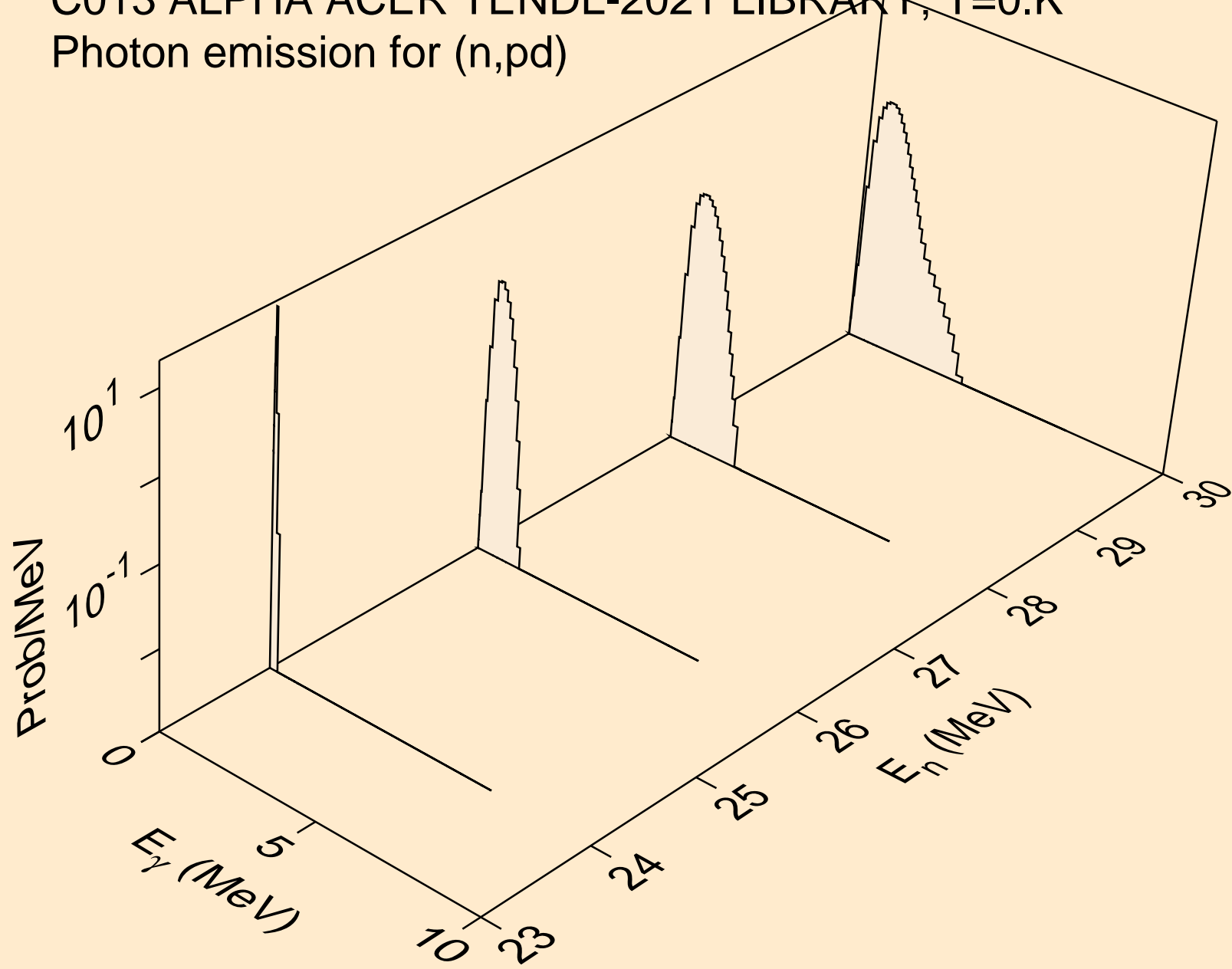
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Photon emission for (n,2p)



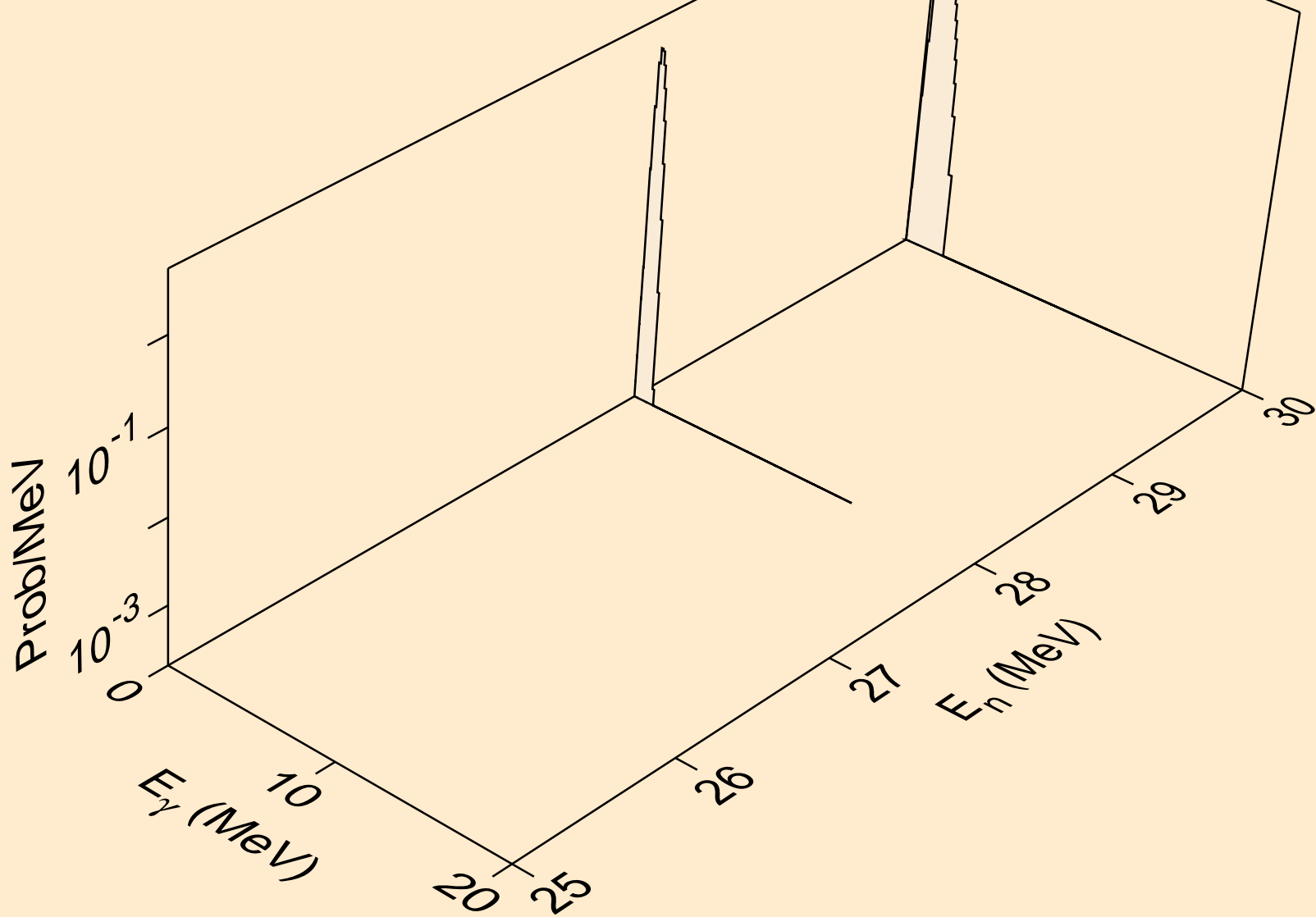
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



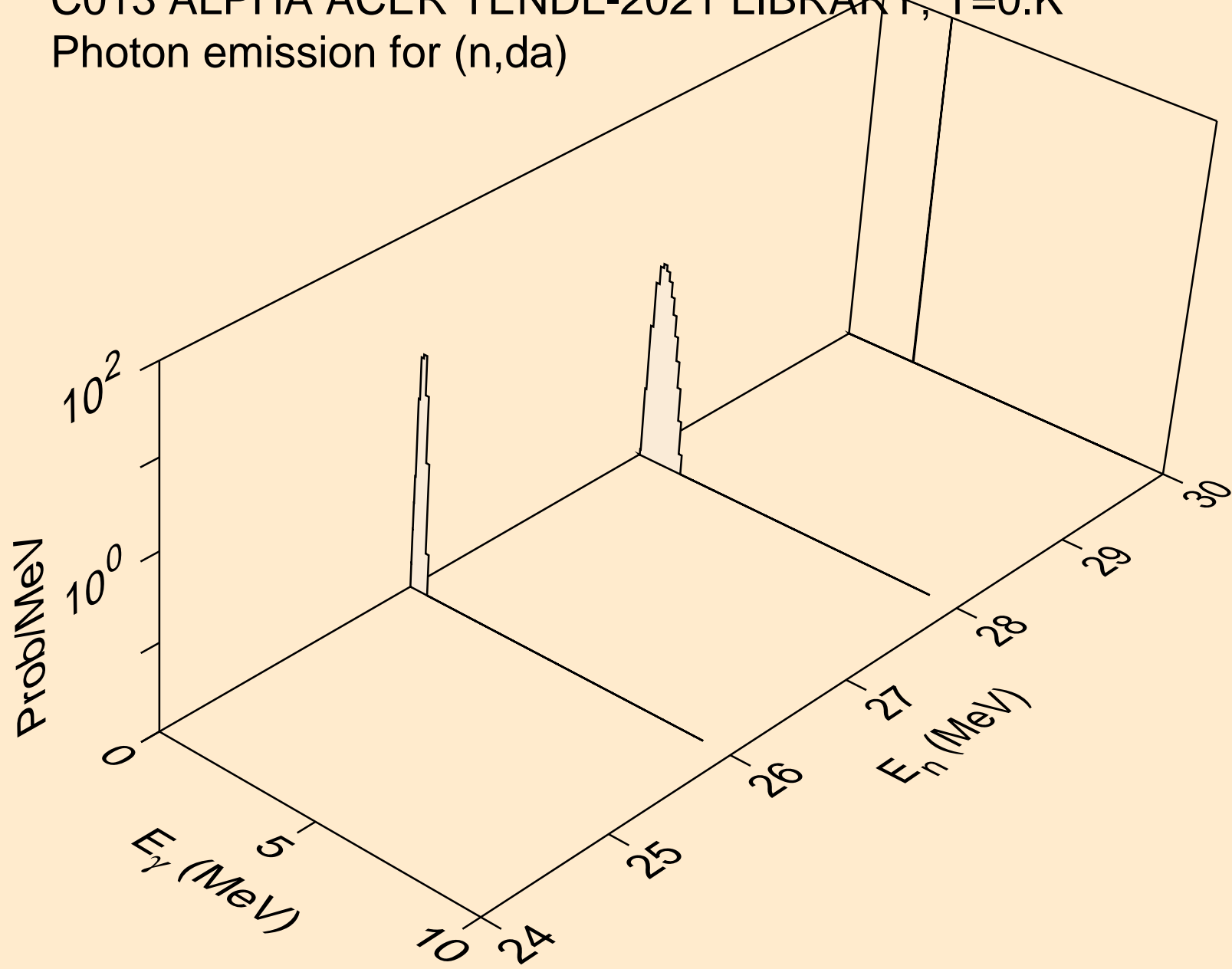
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



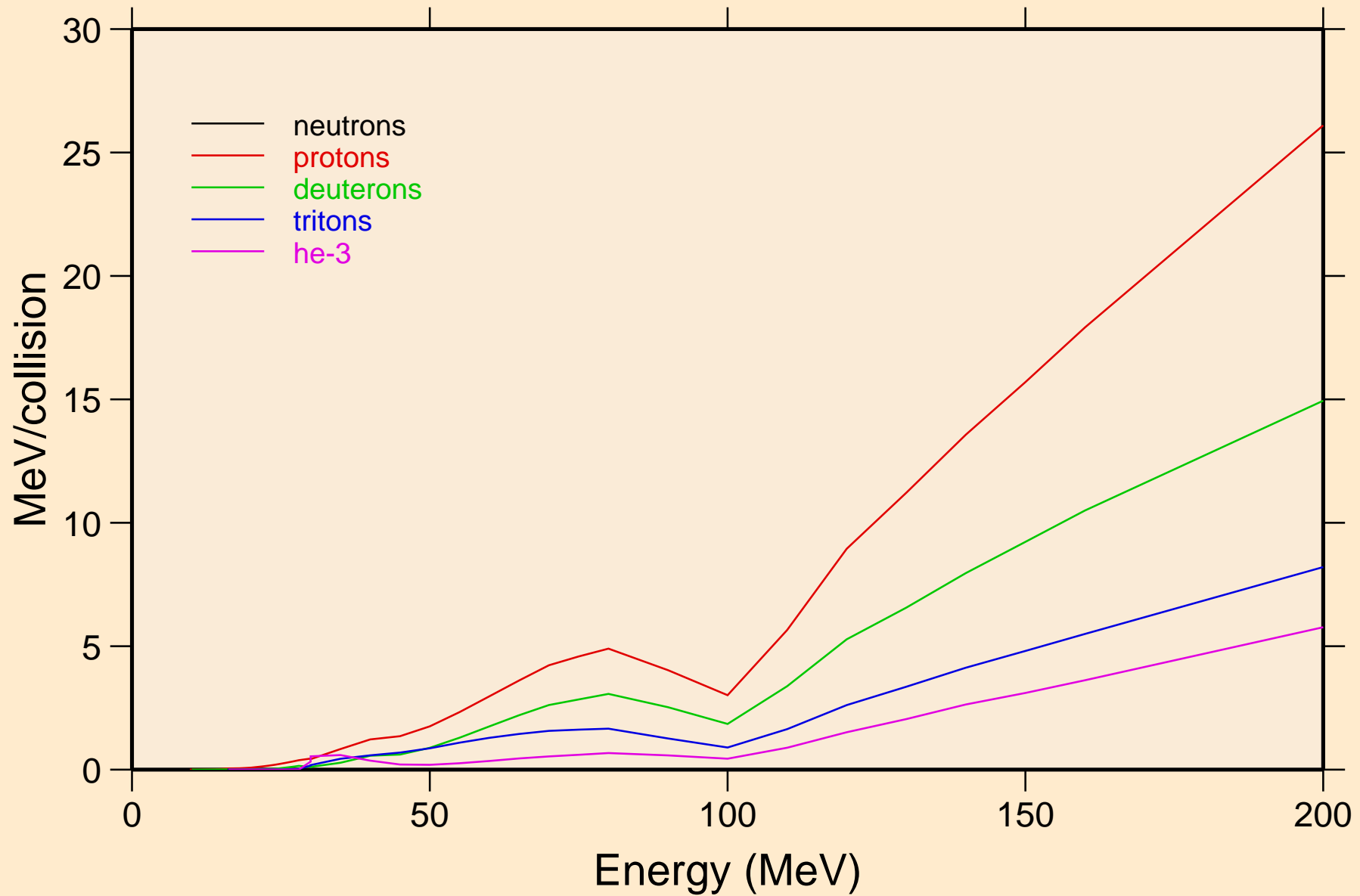
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

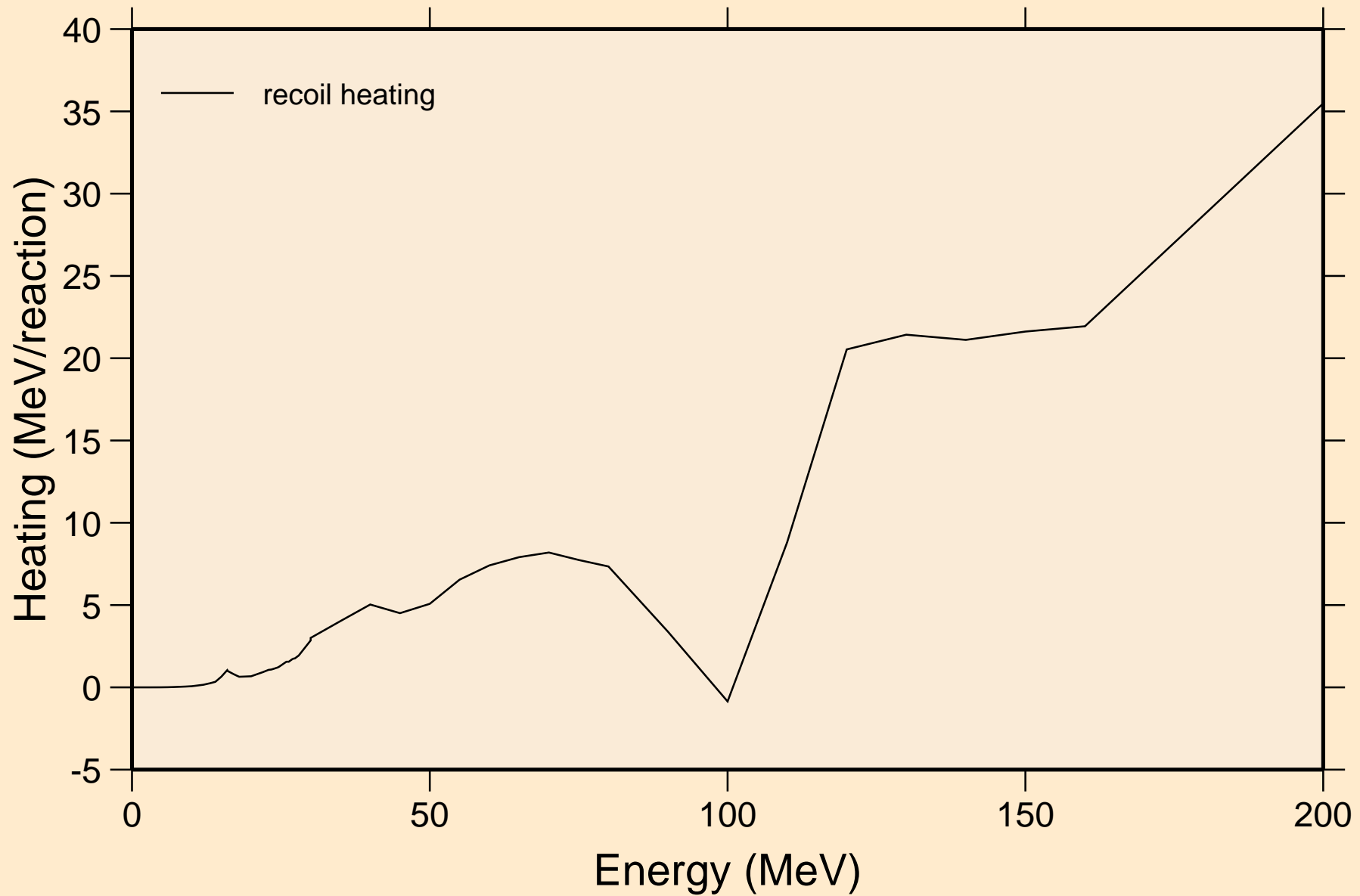


C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

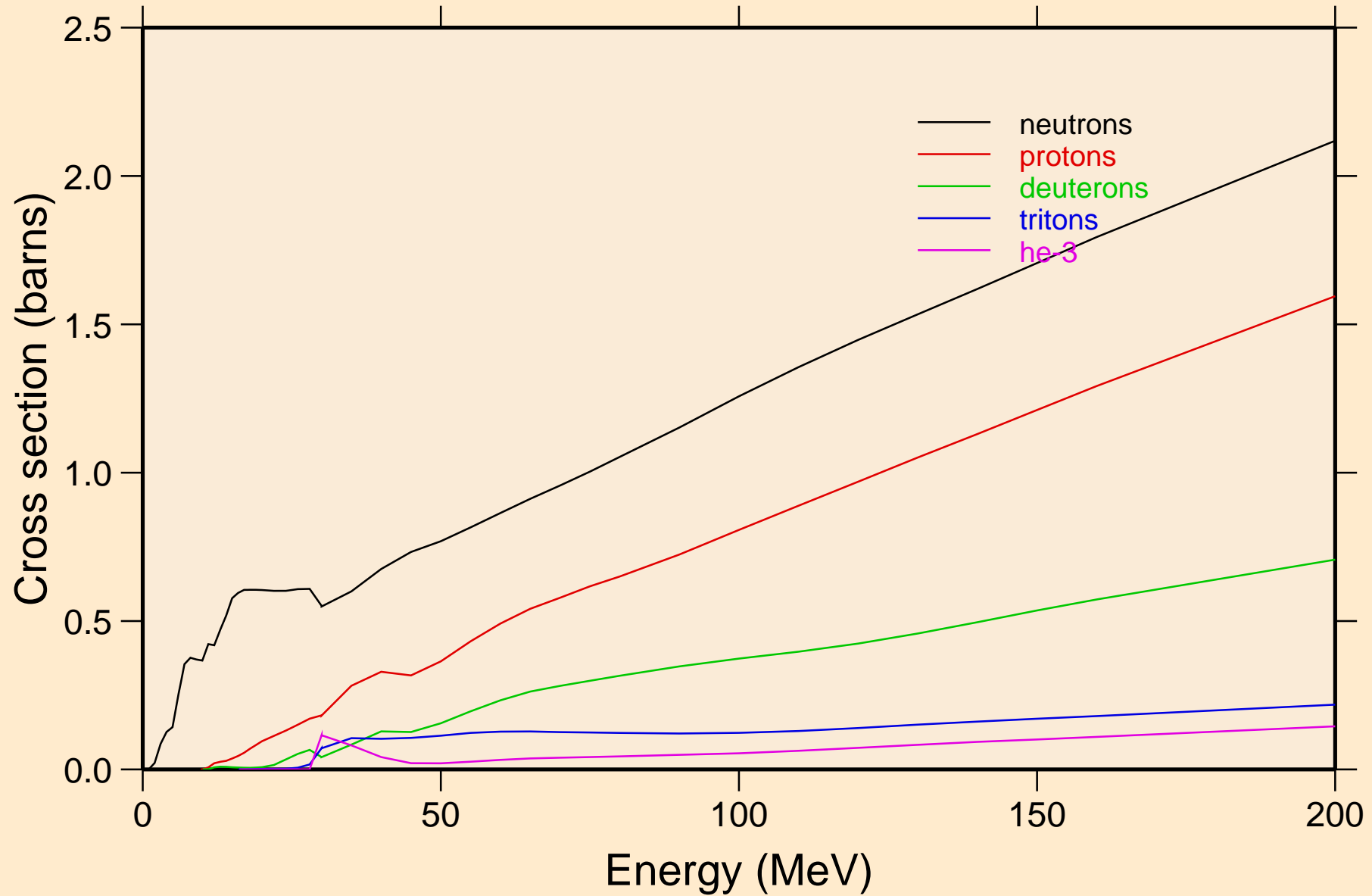




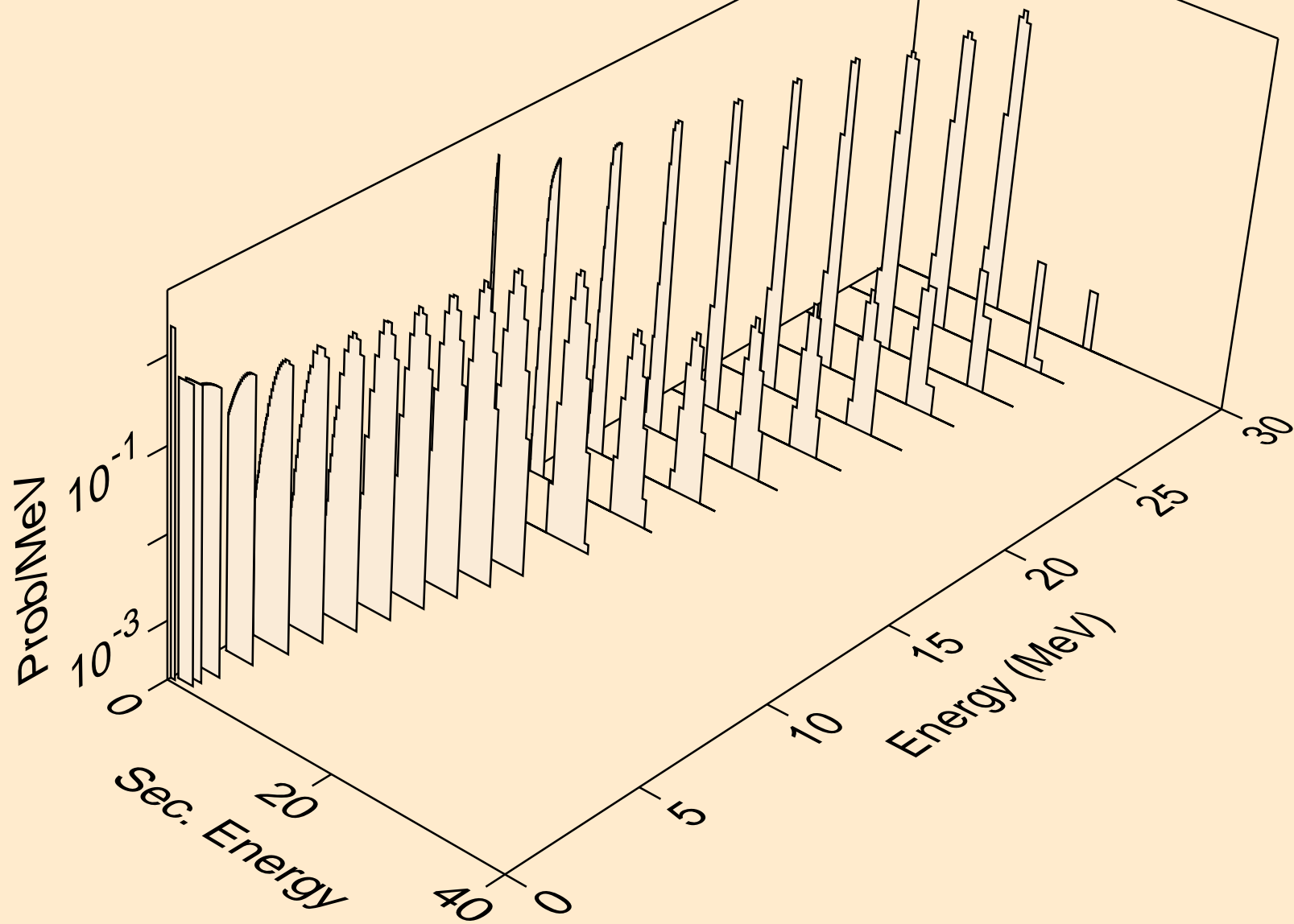
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Recoil Heating



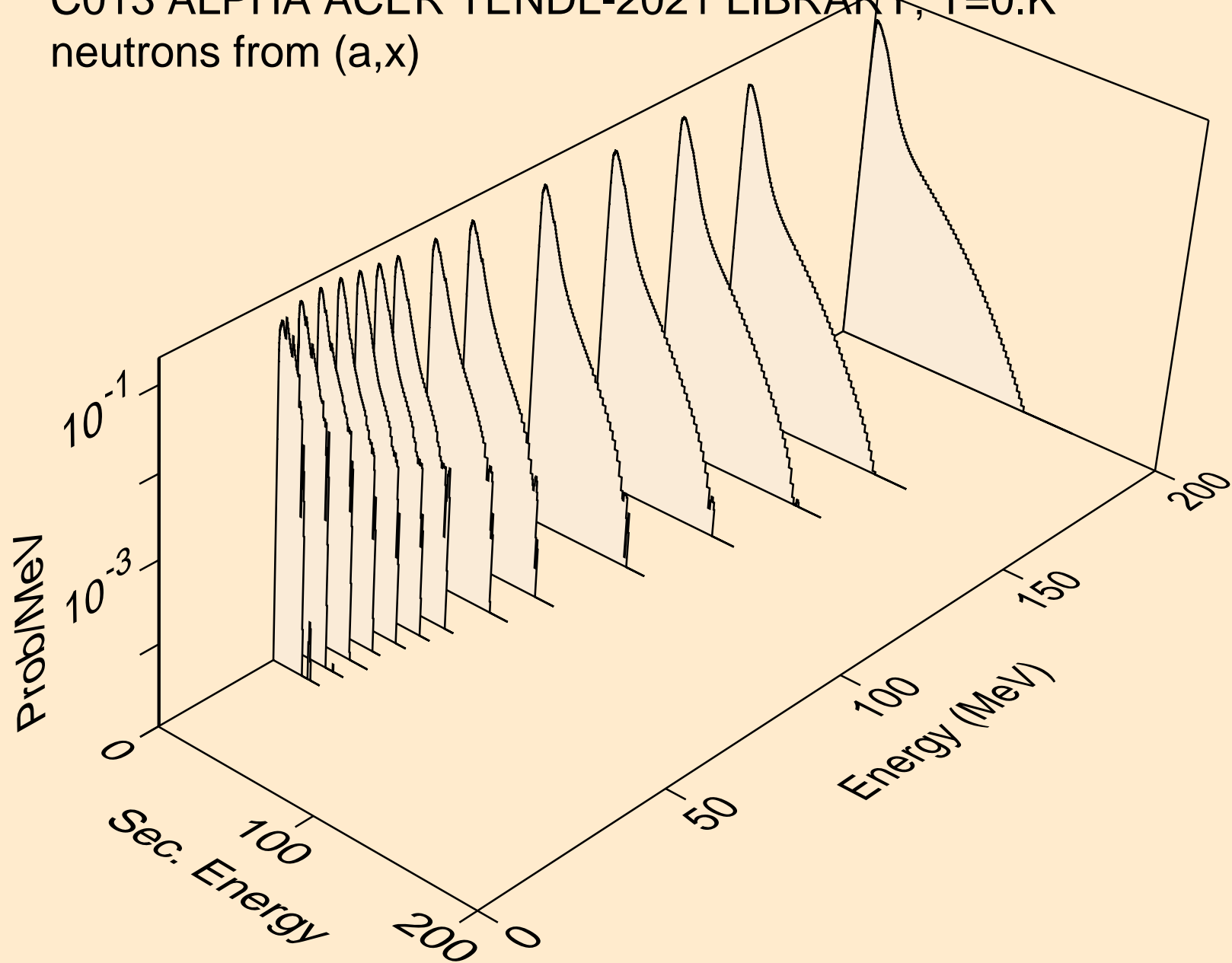
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



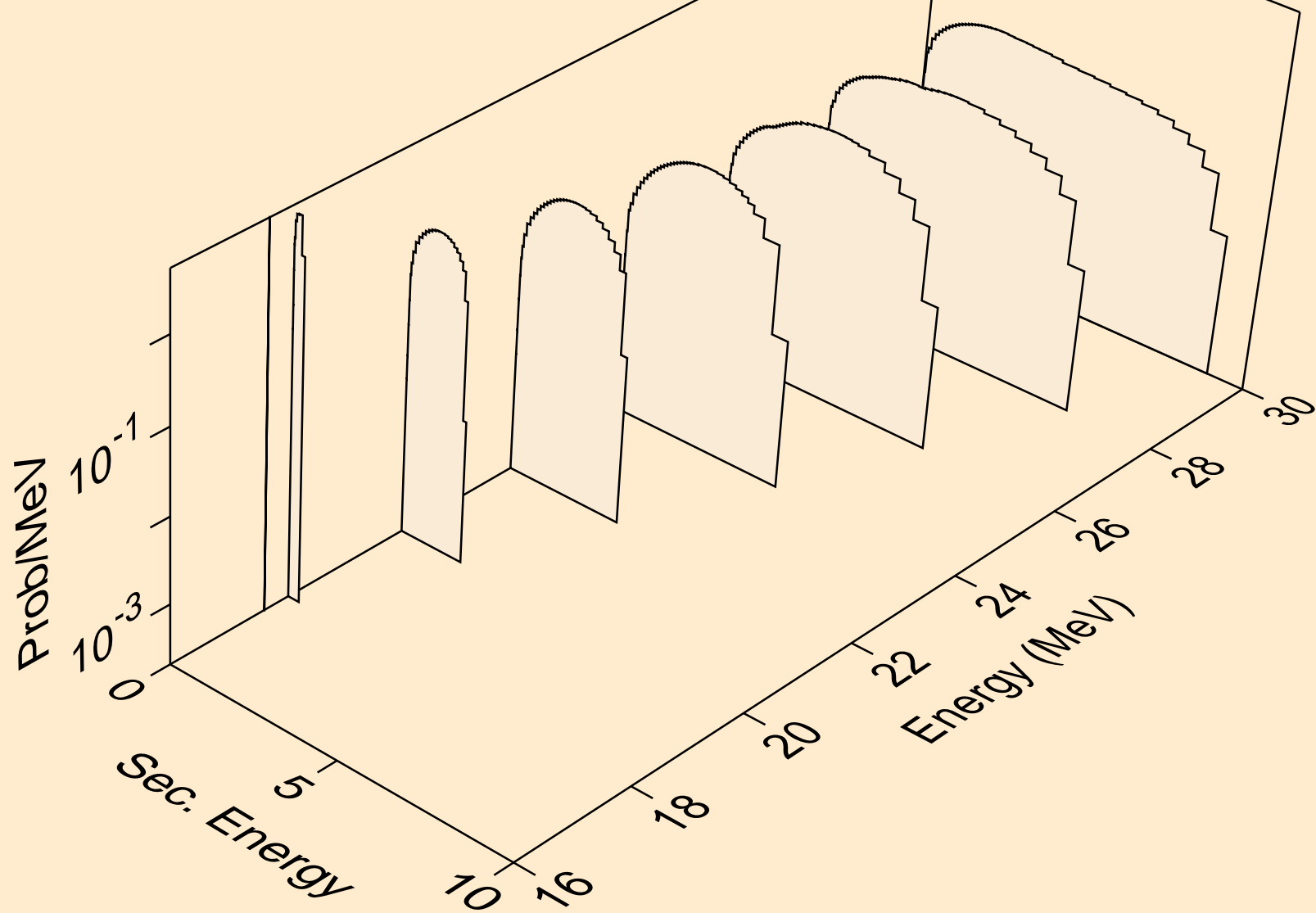
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



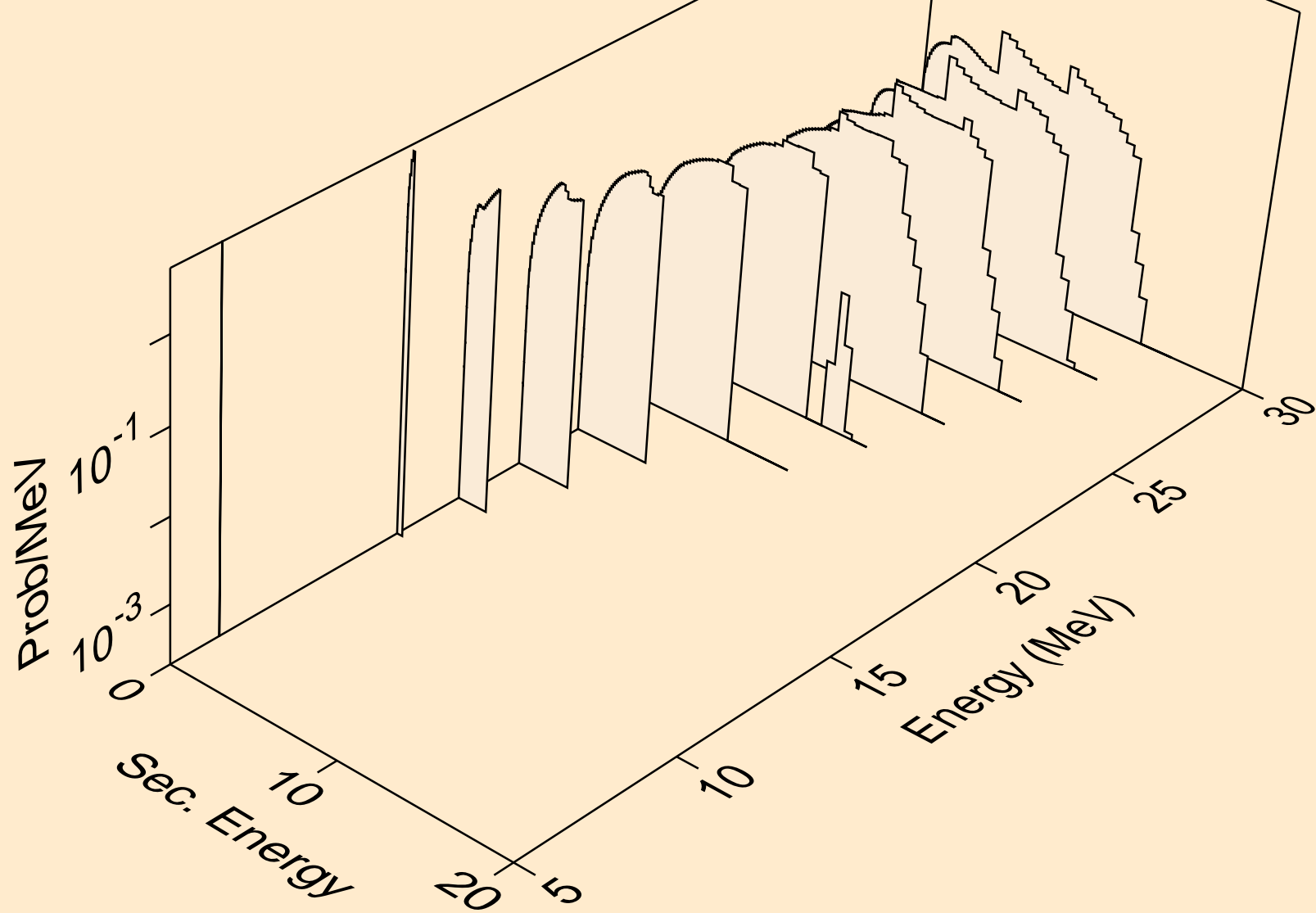
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neutrons from (a,x)



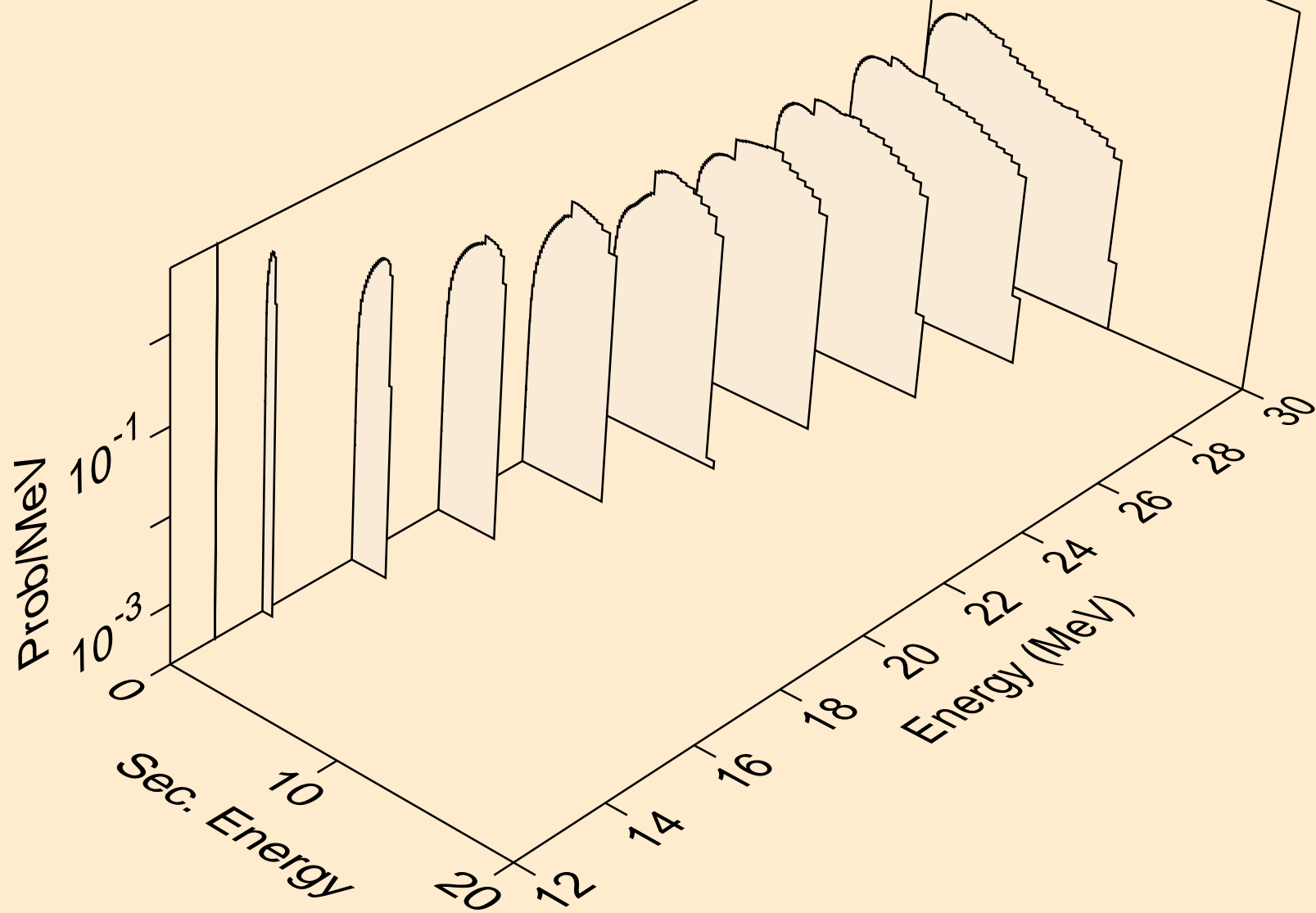
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neutrons from (a,2n)



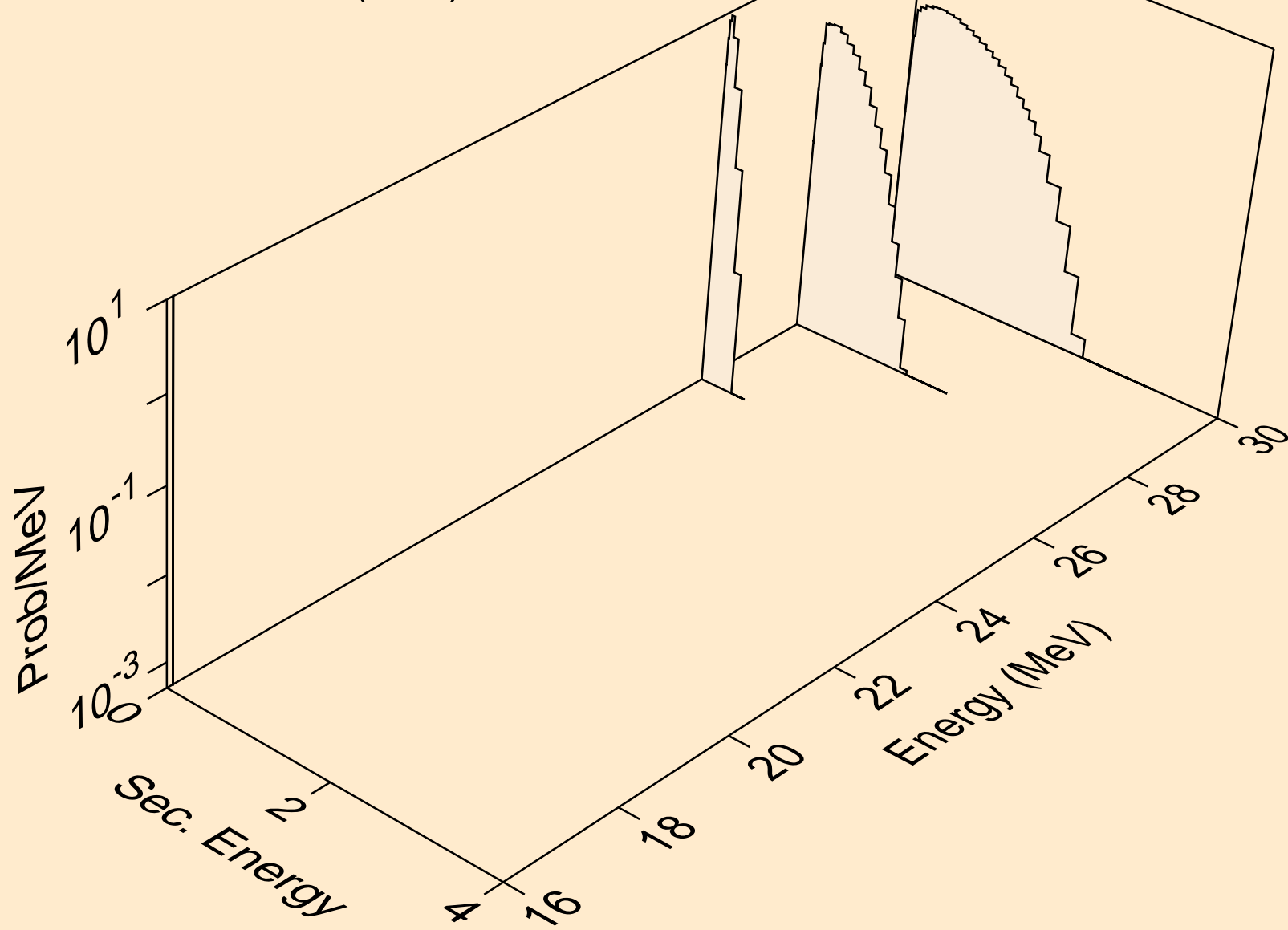
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p

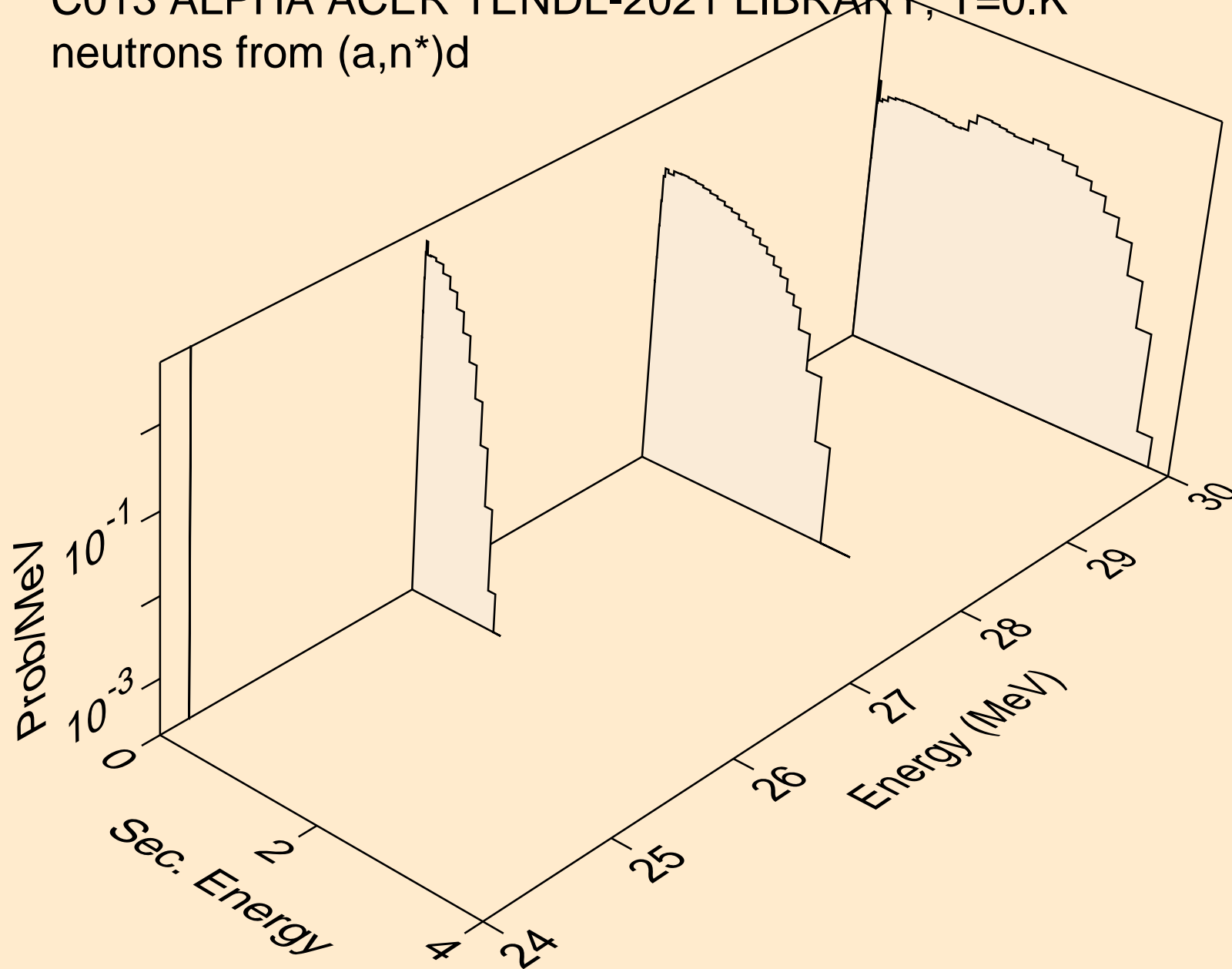


C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)2a

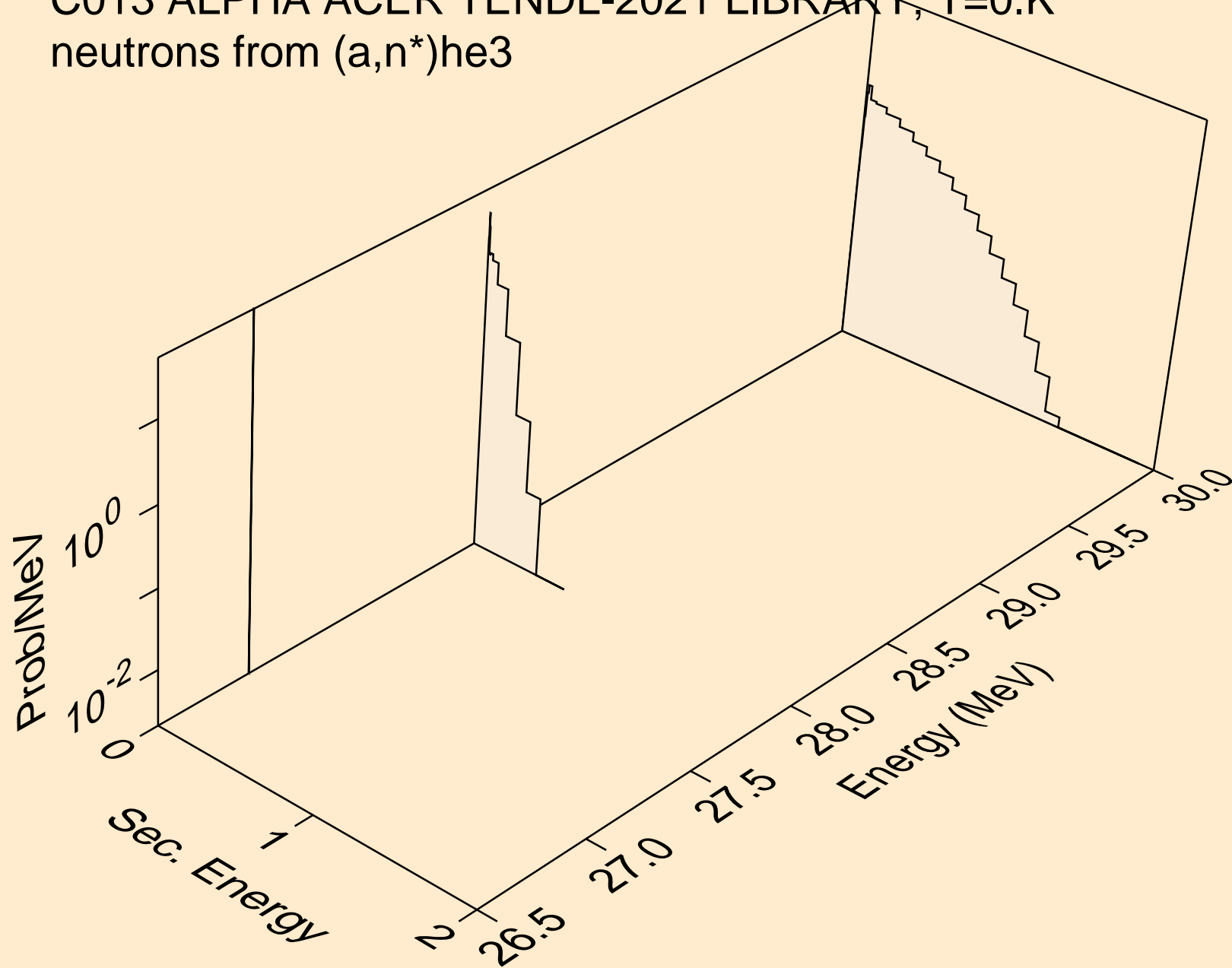




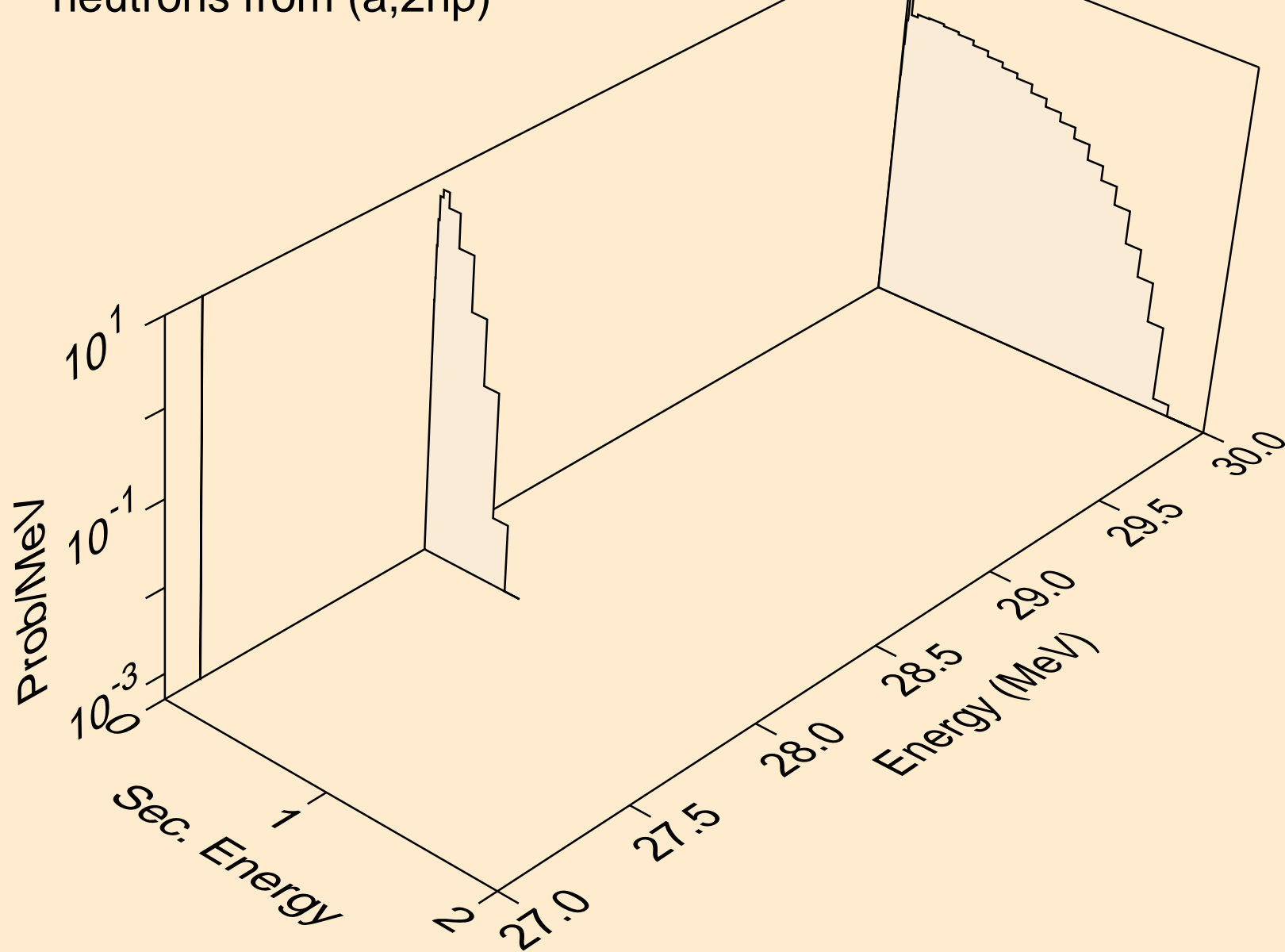
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



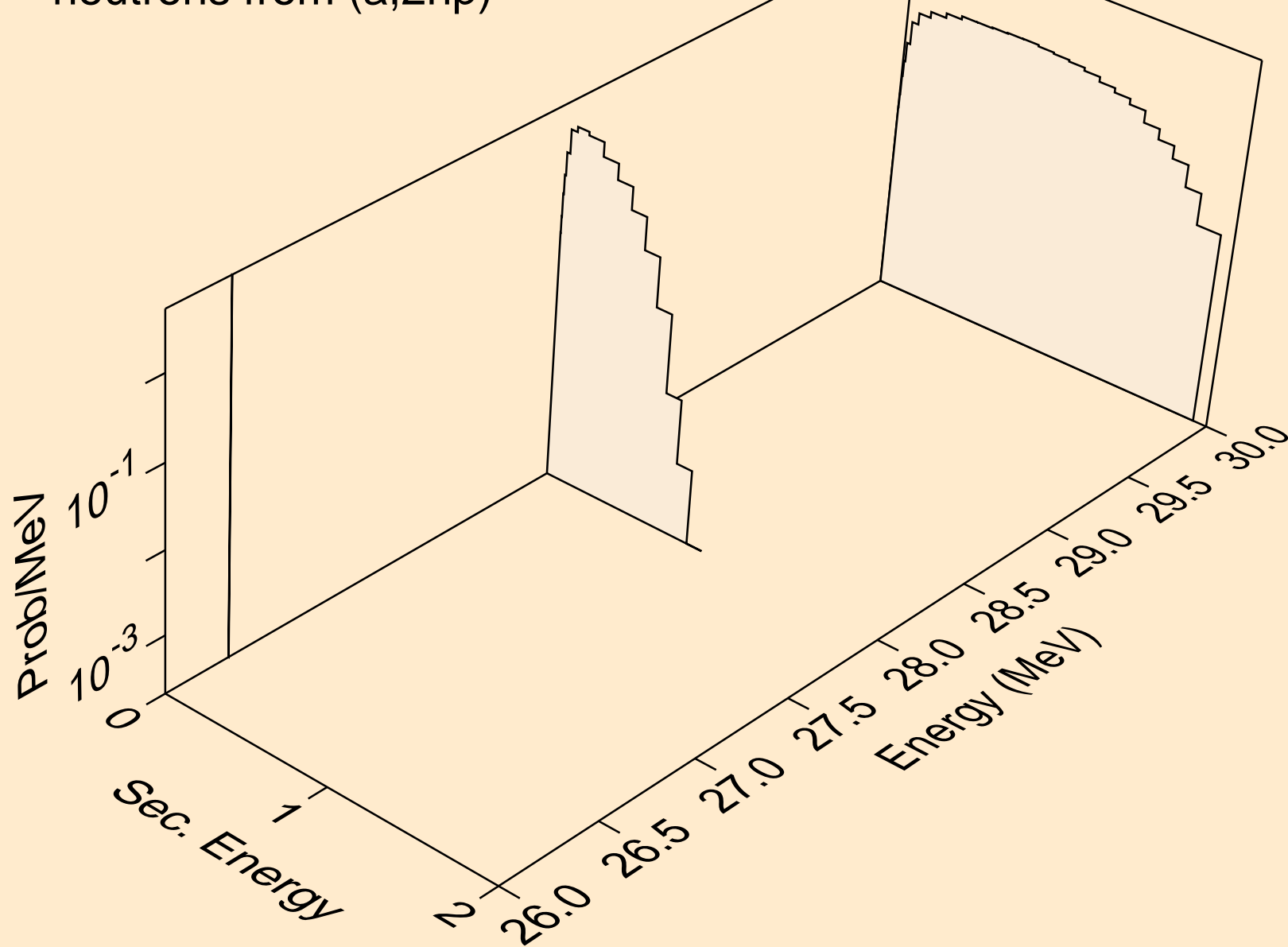
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neutrons from (a,n\*)he3



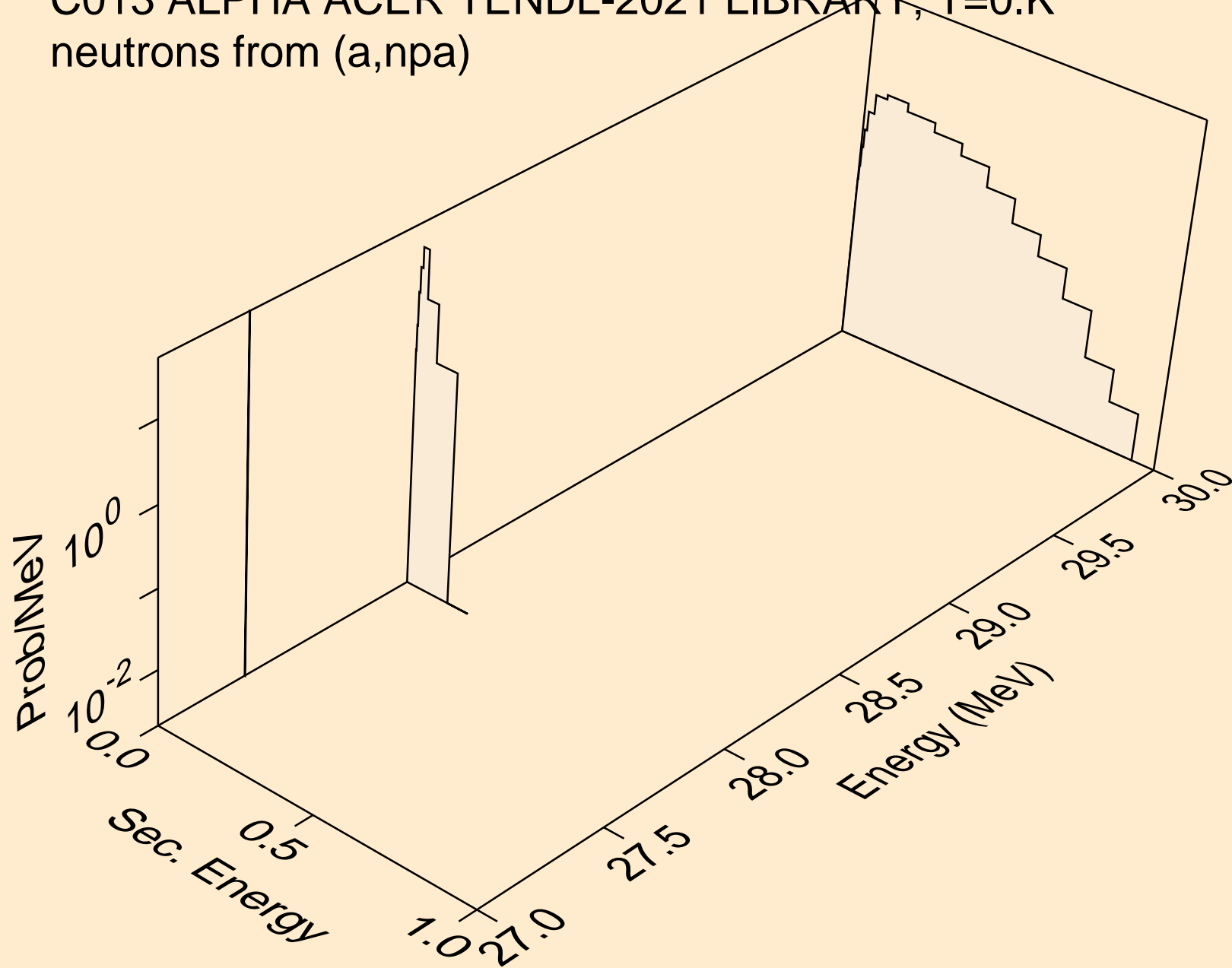
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neutrons from (a,2np)



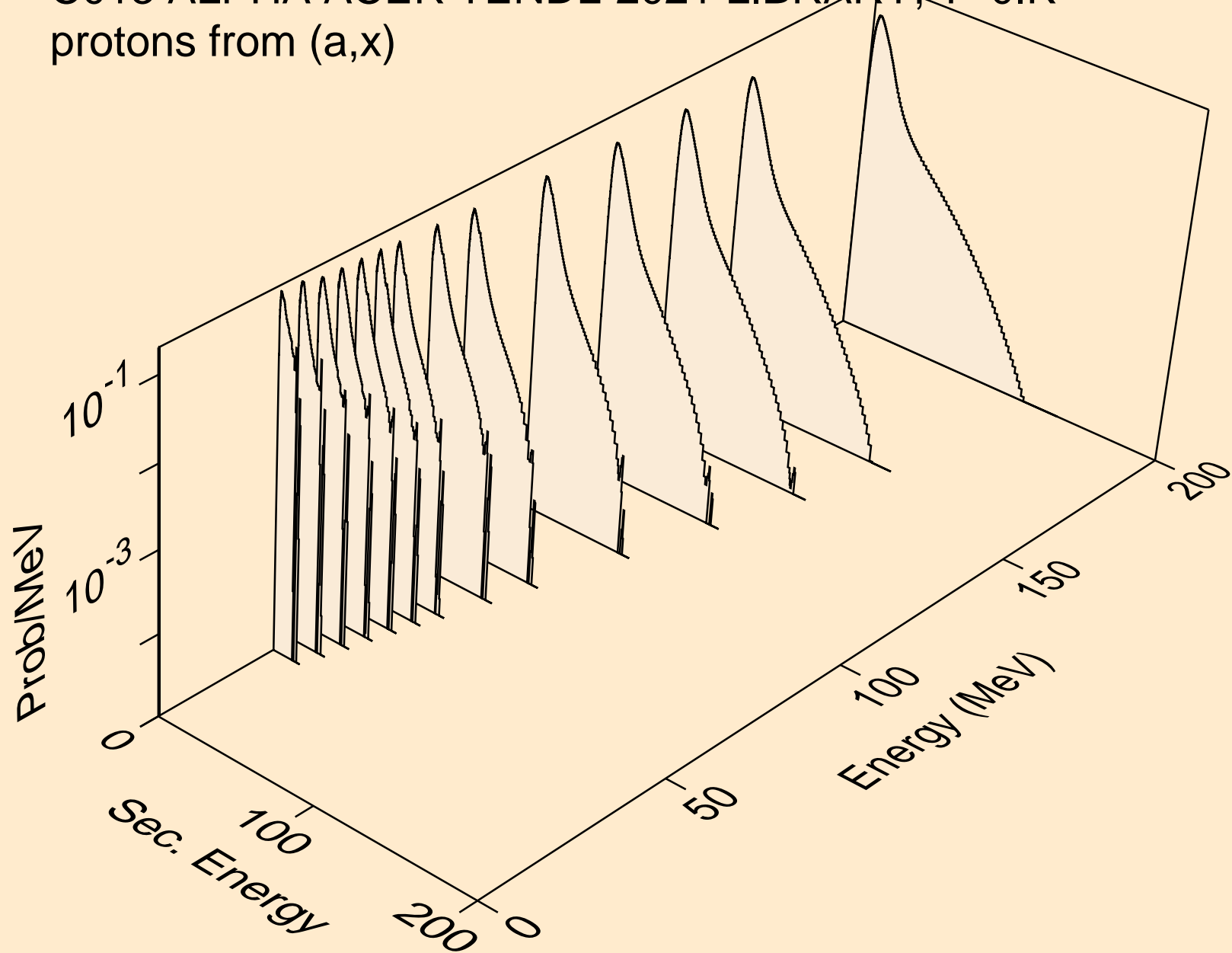
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neutrons from (a,2np)



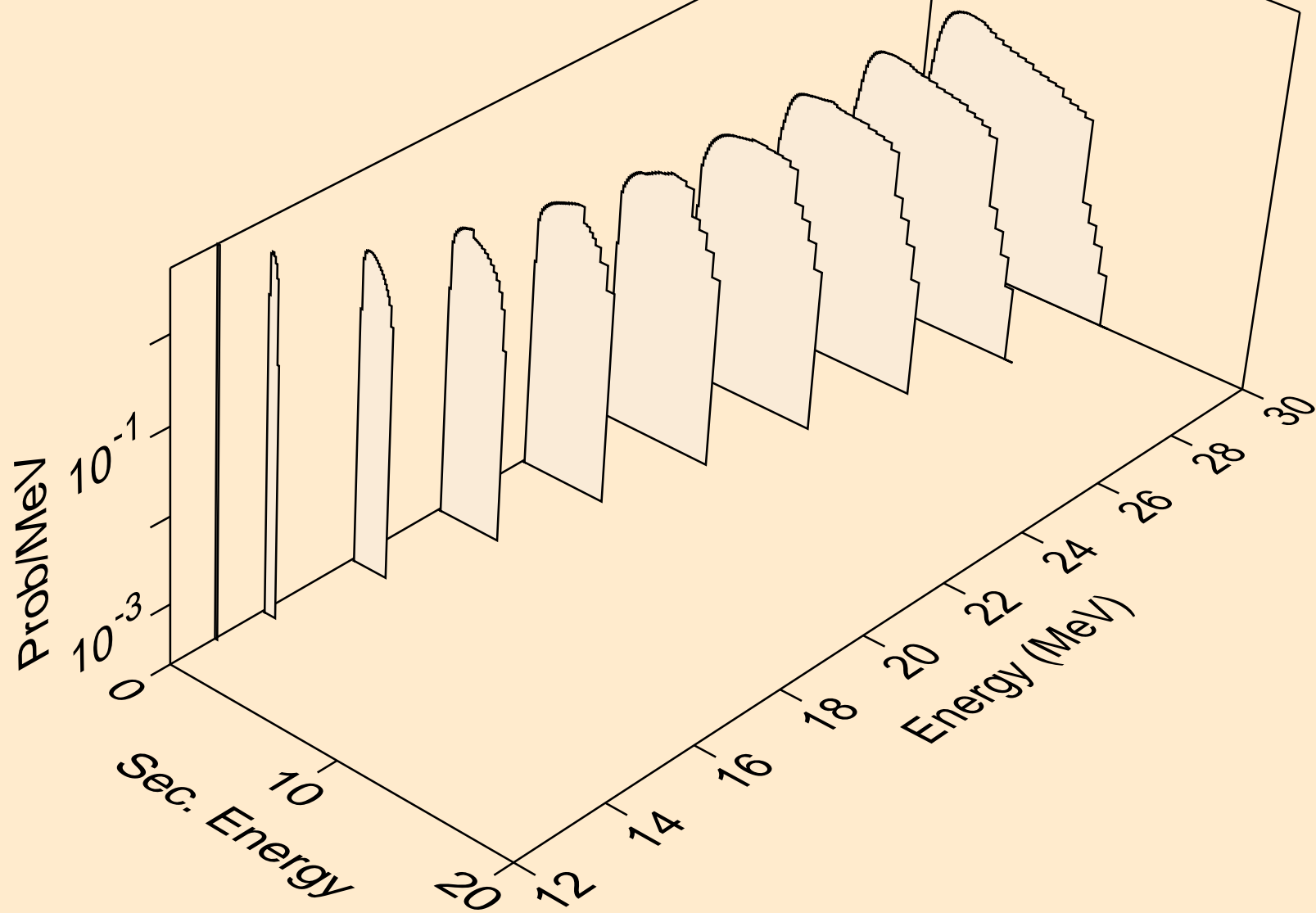
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)



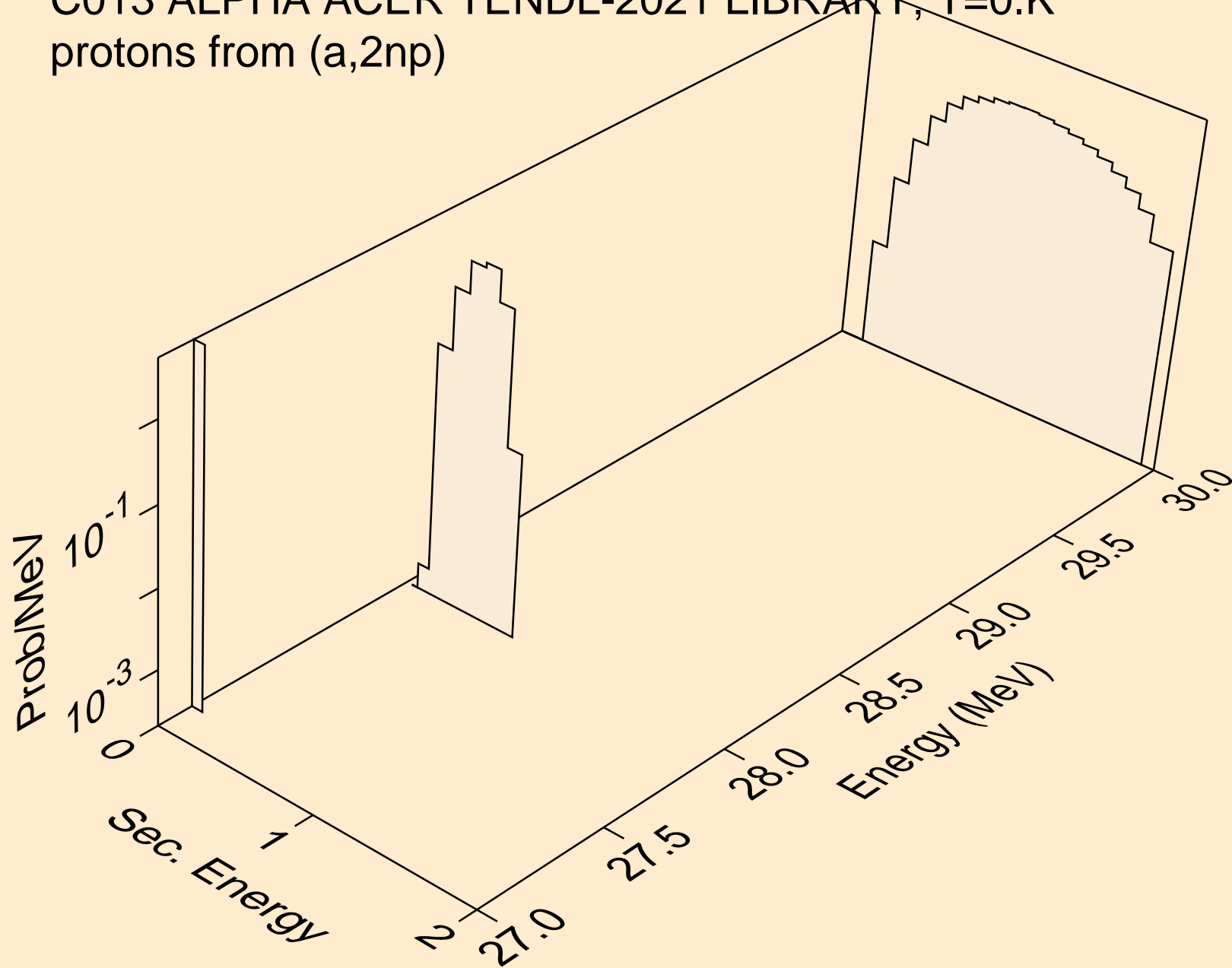
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p

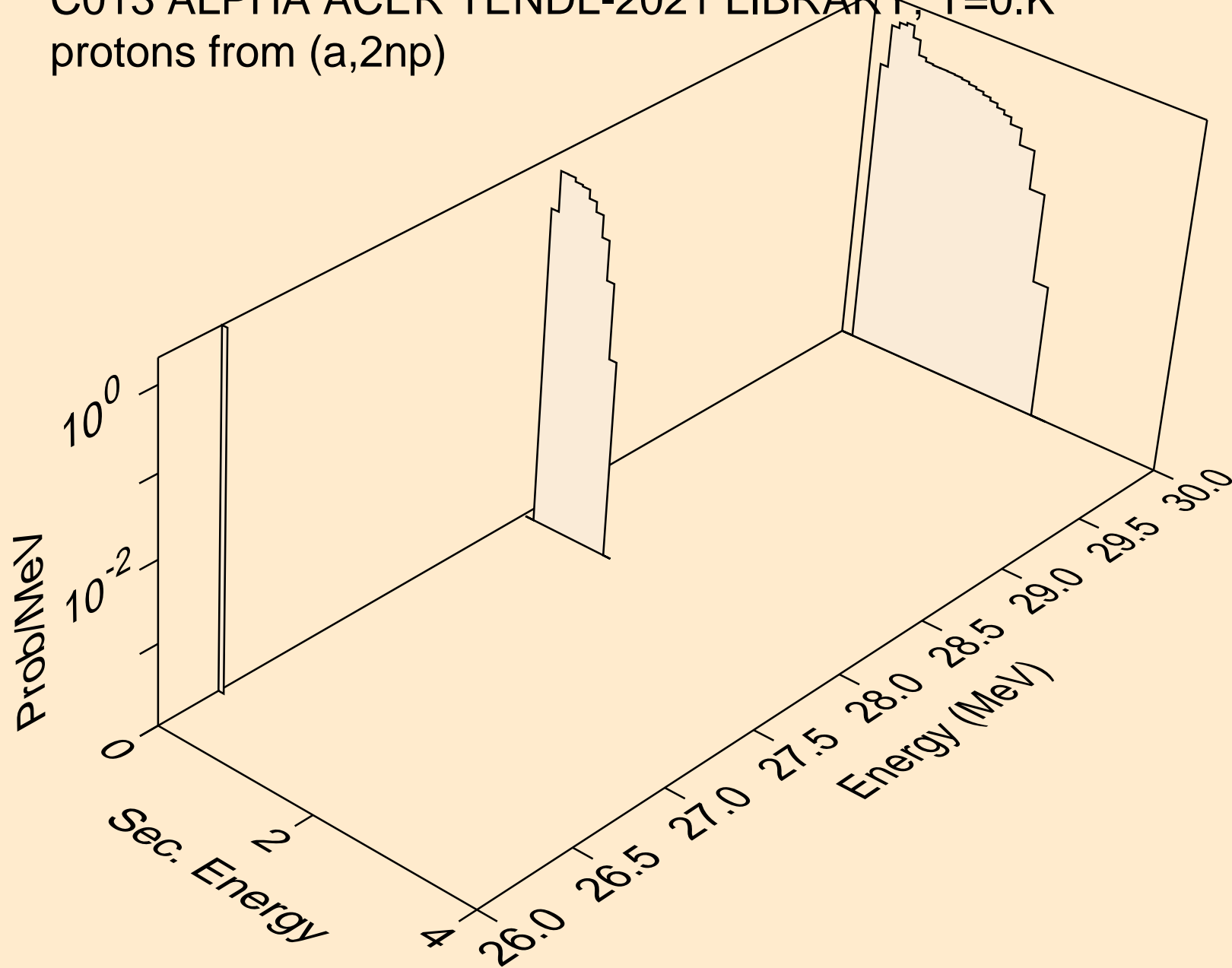


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protons from (a,2np)

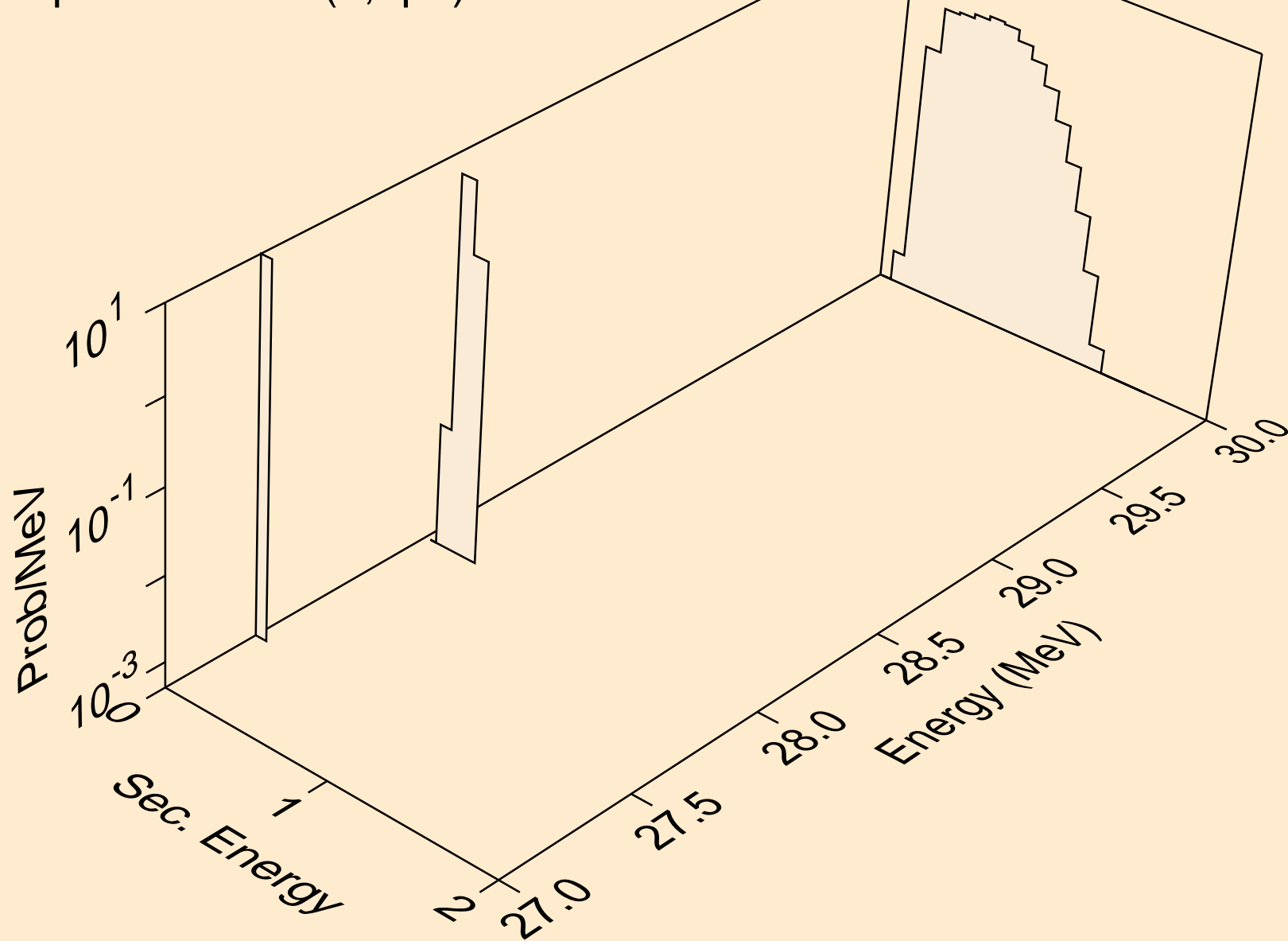




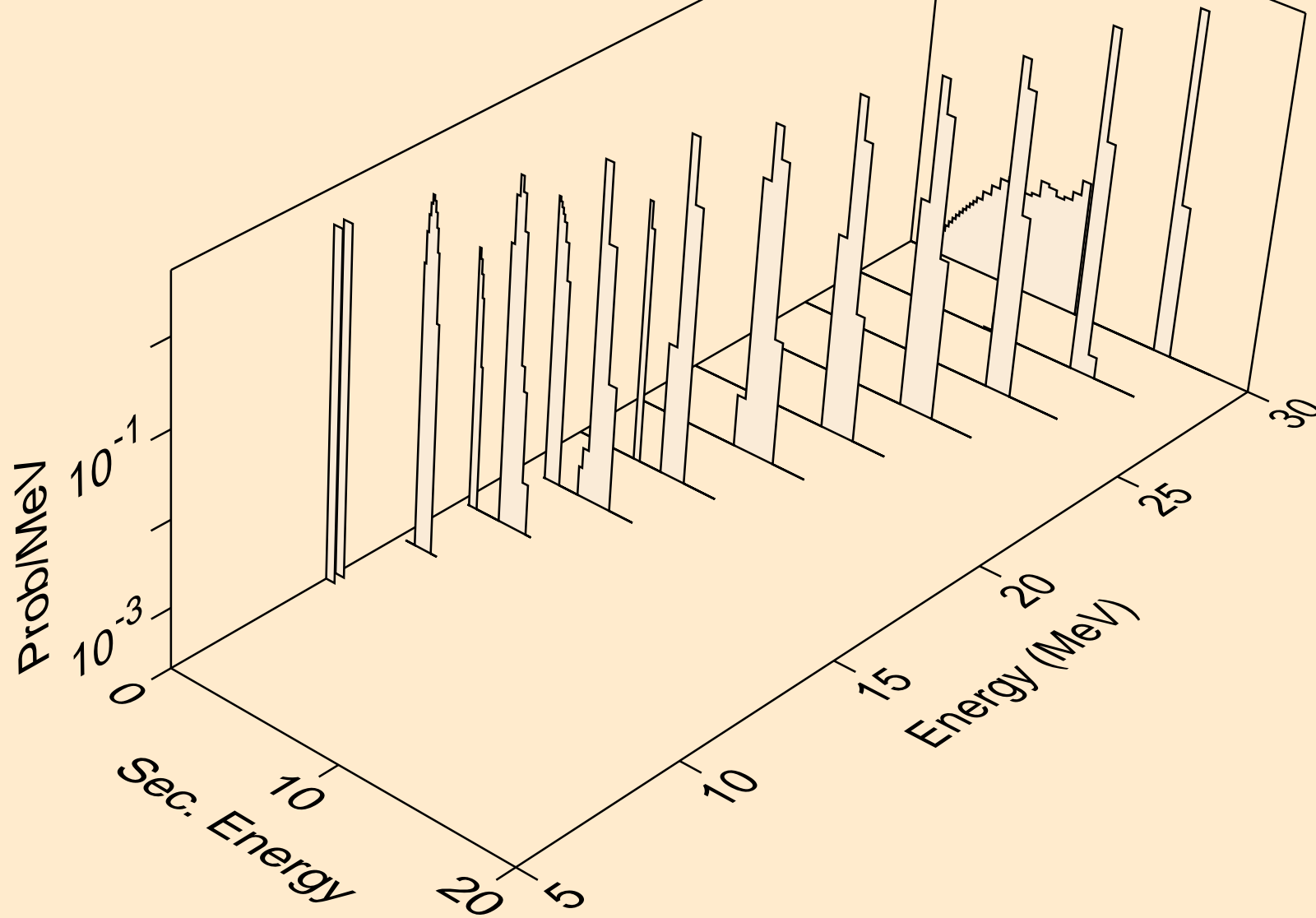
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protons from (a,2np)



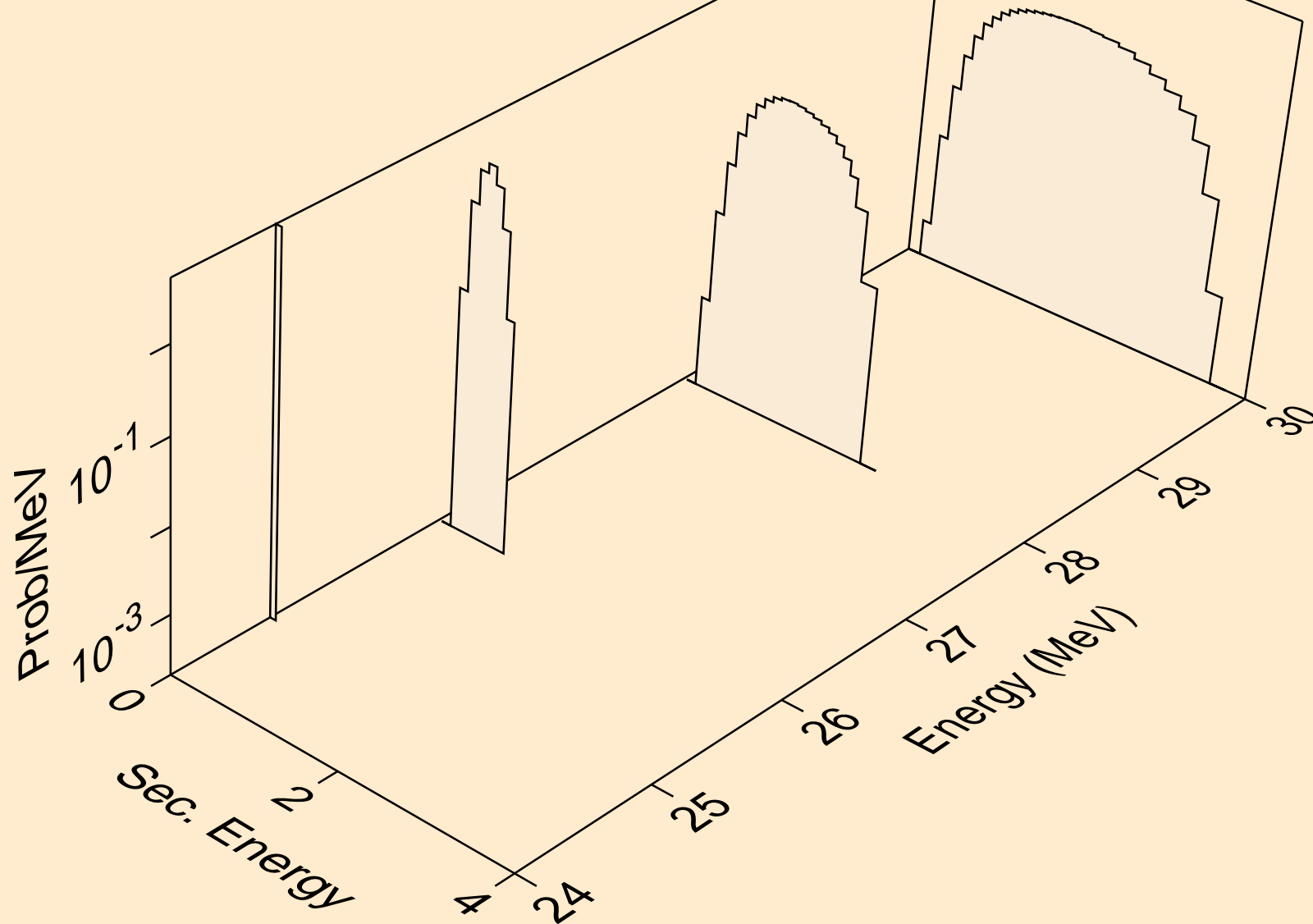
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protons from (a,npa)



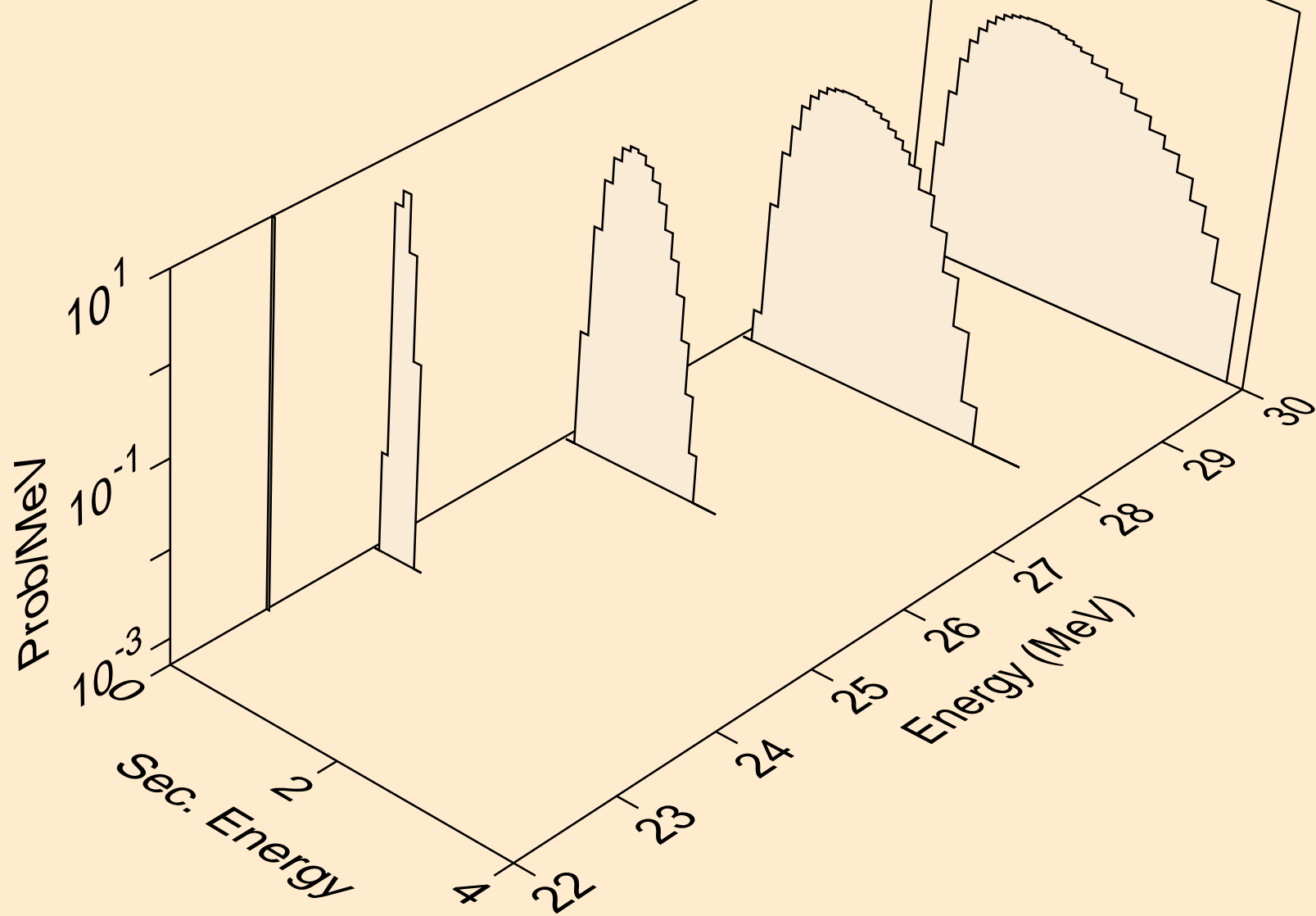
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protons from (a,p)



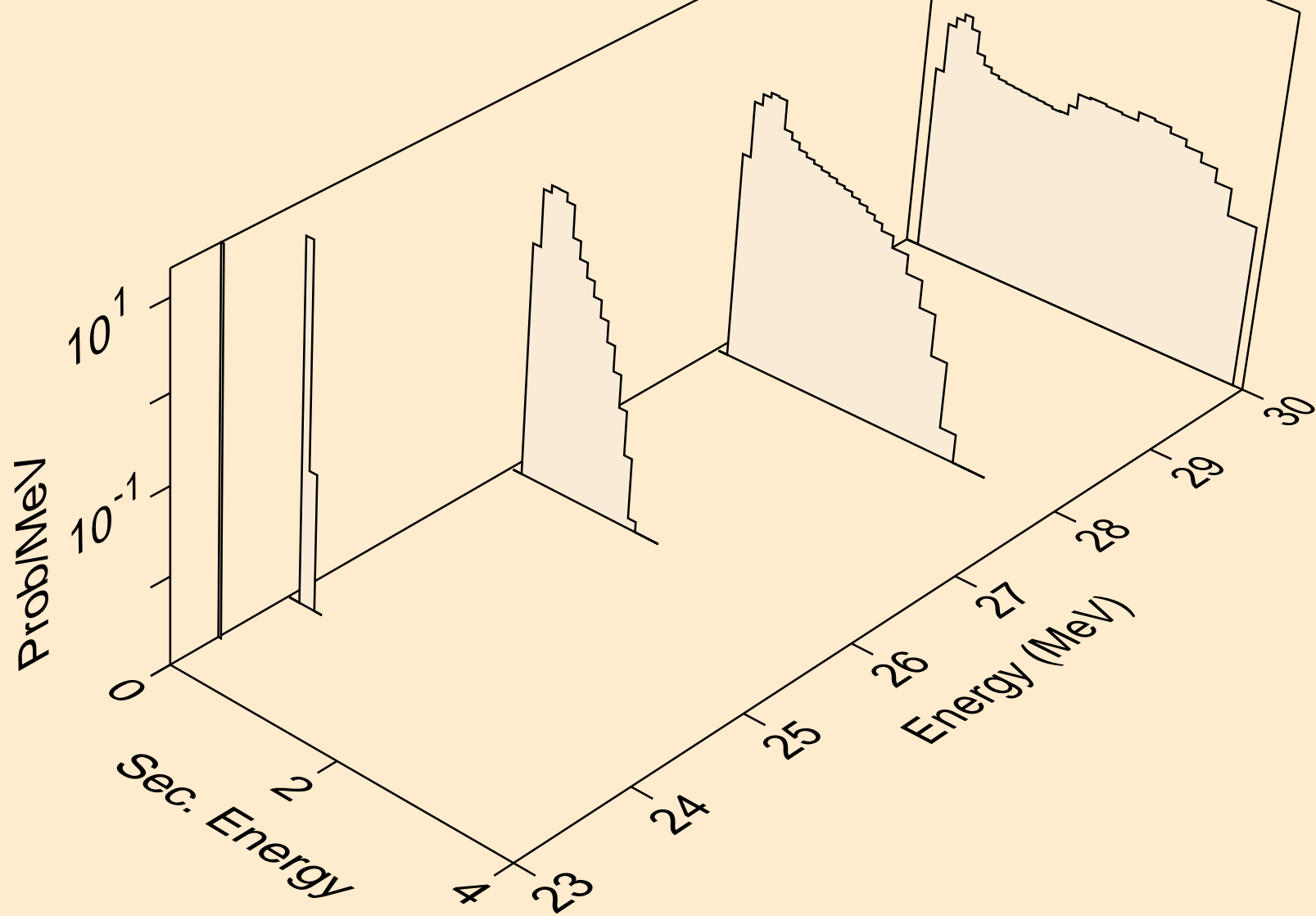
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protons from (a,2p)



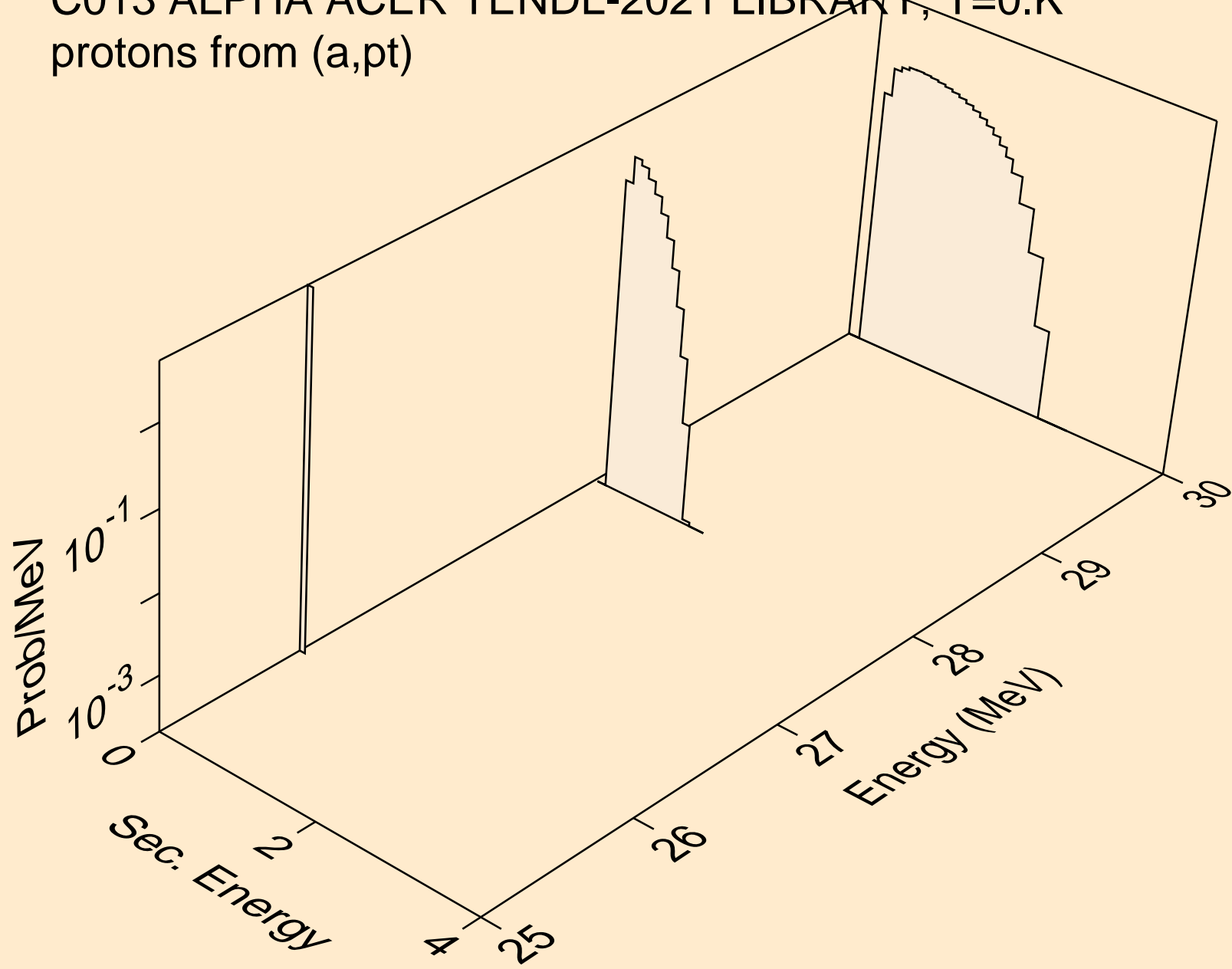
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



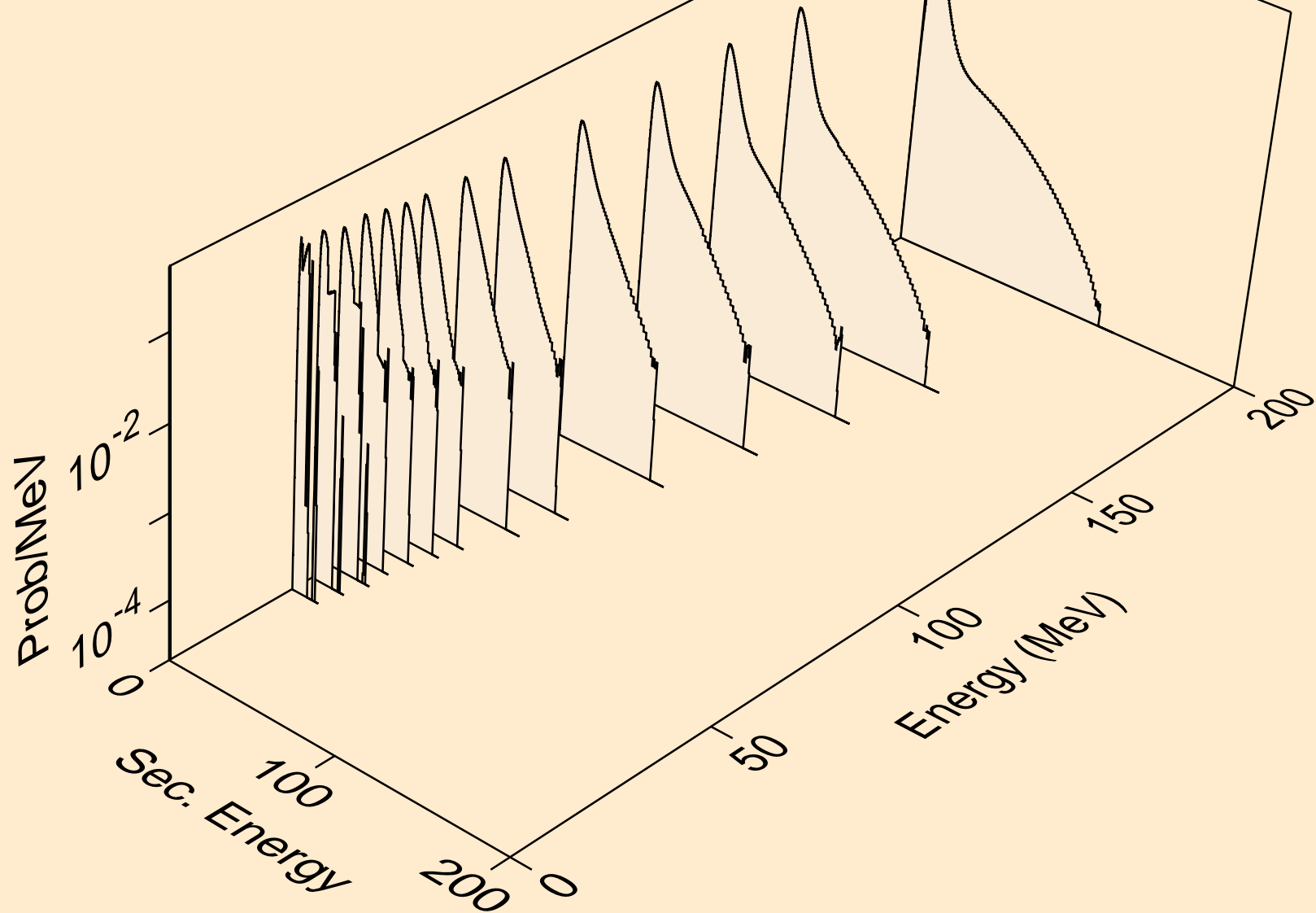
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)



C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pt)

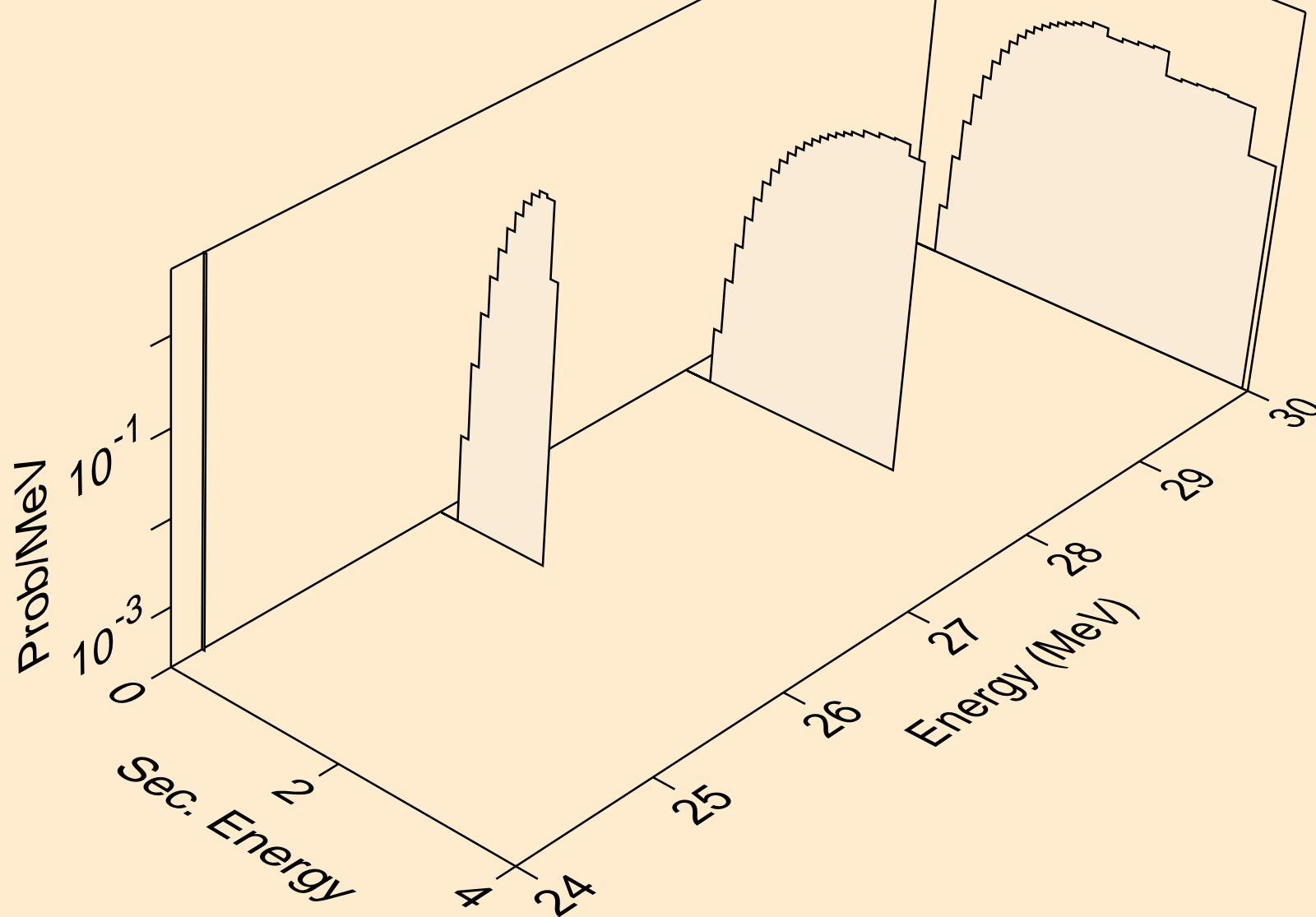


C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)

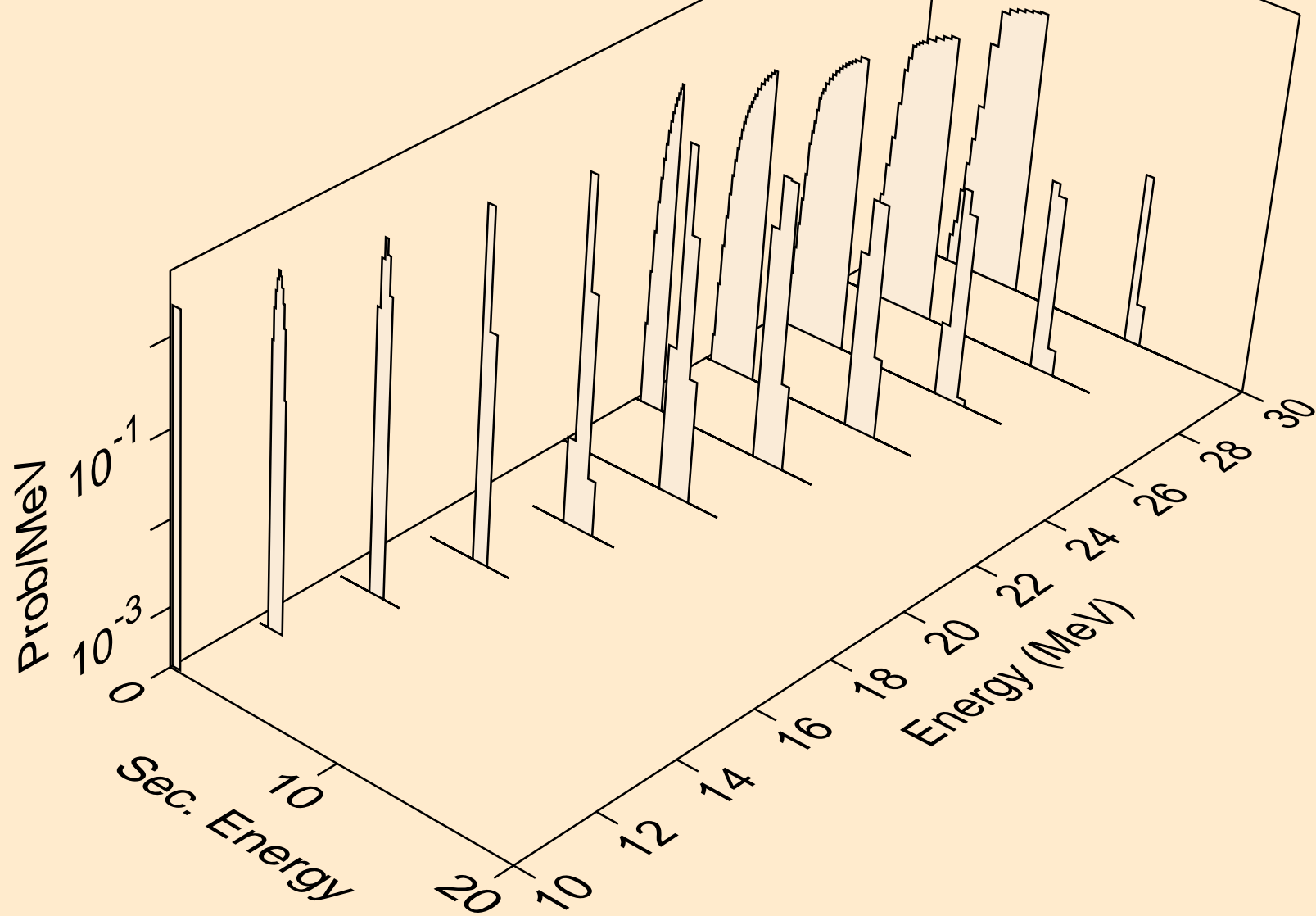




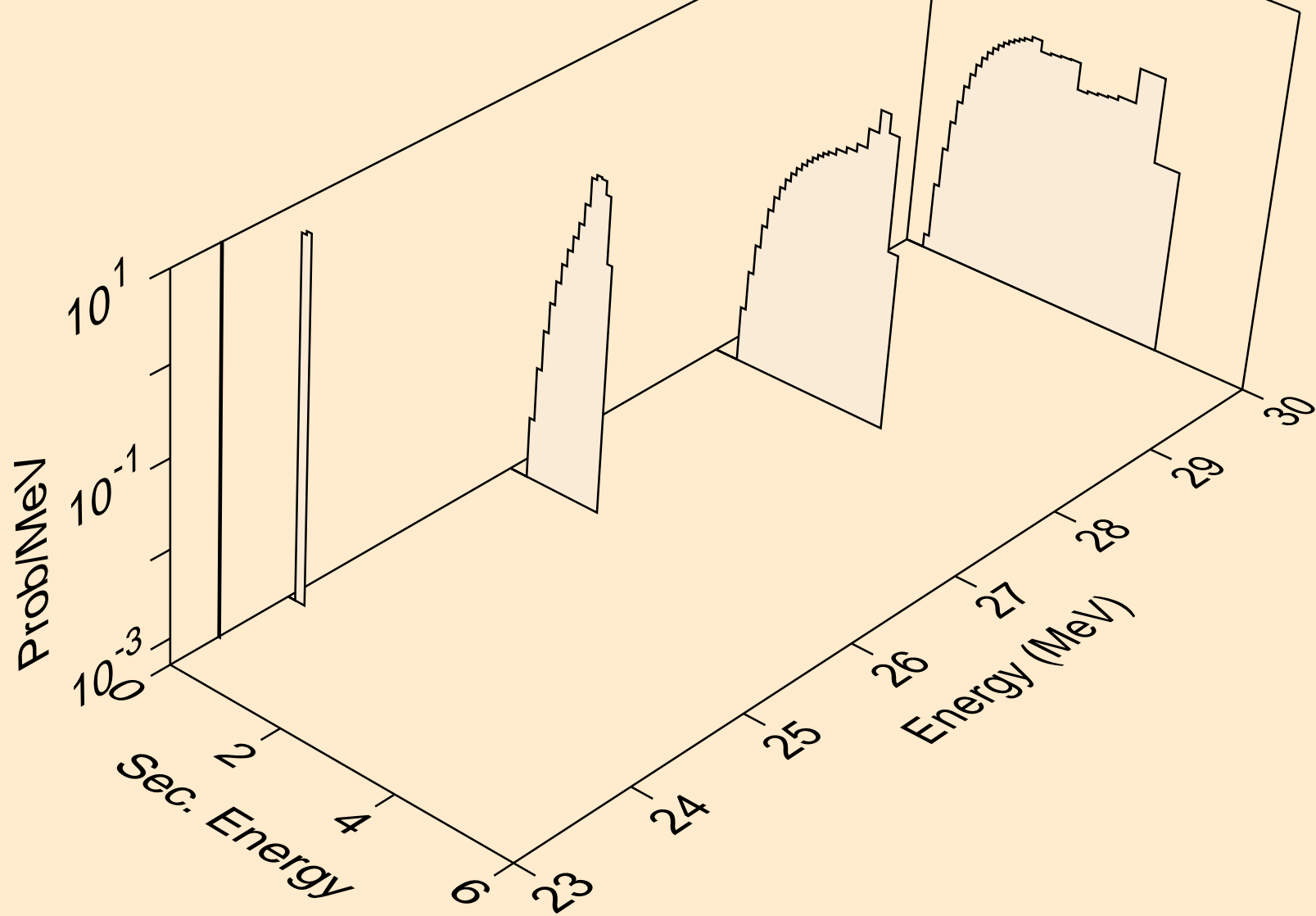
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deuterons from (a,n\*)d



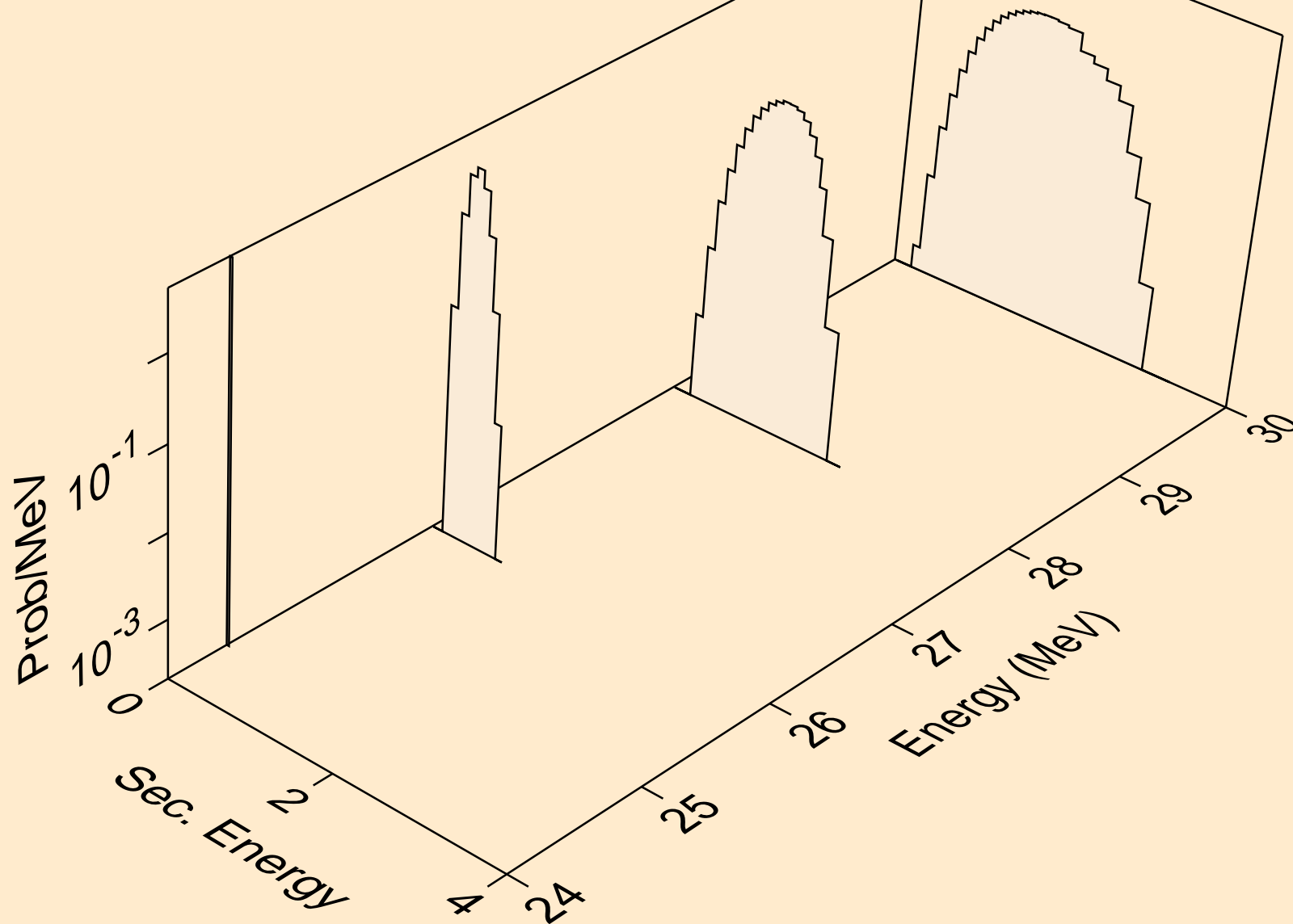
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



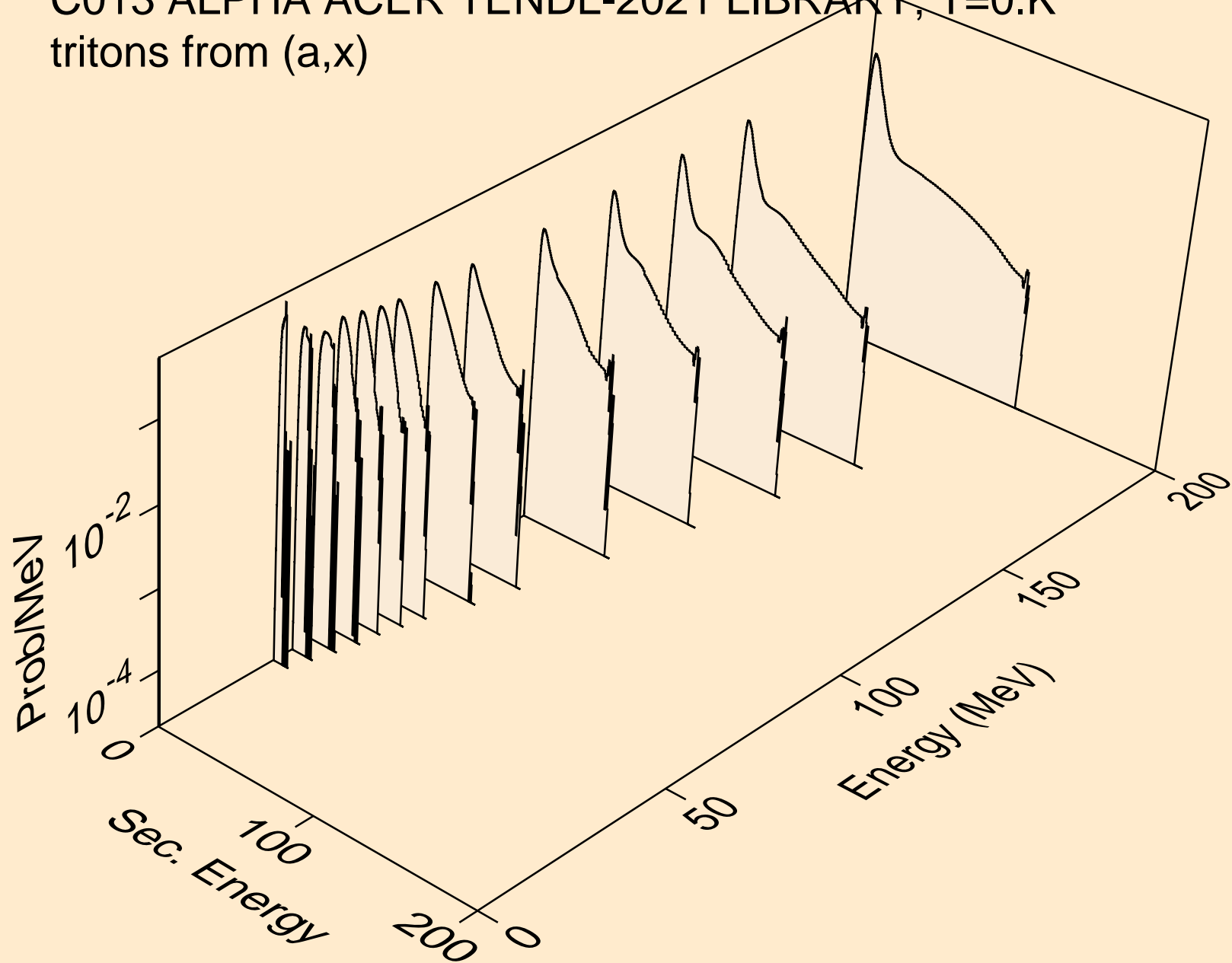
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)



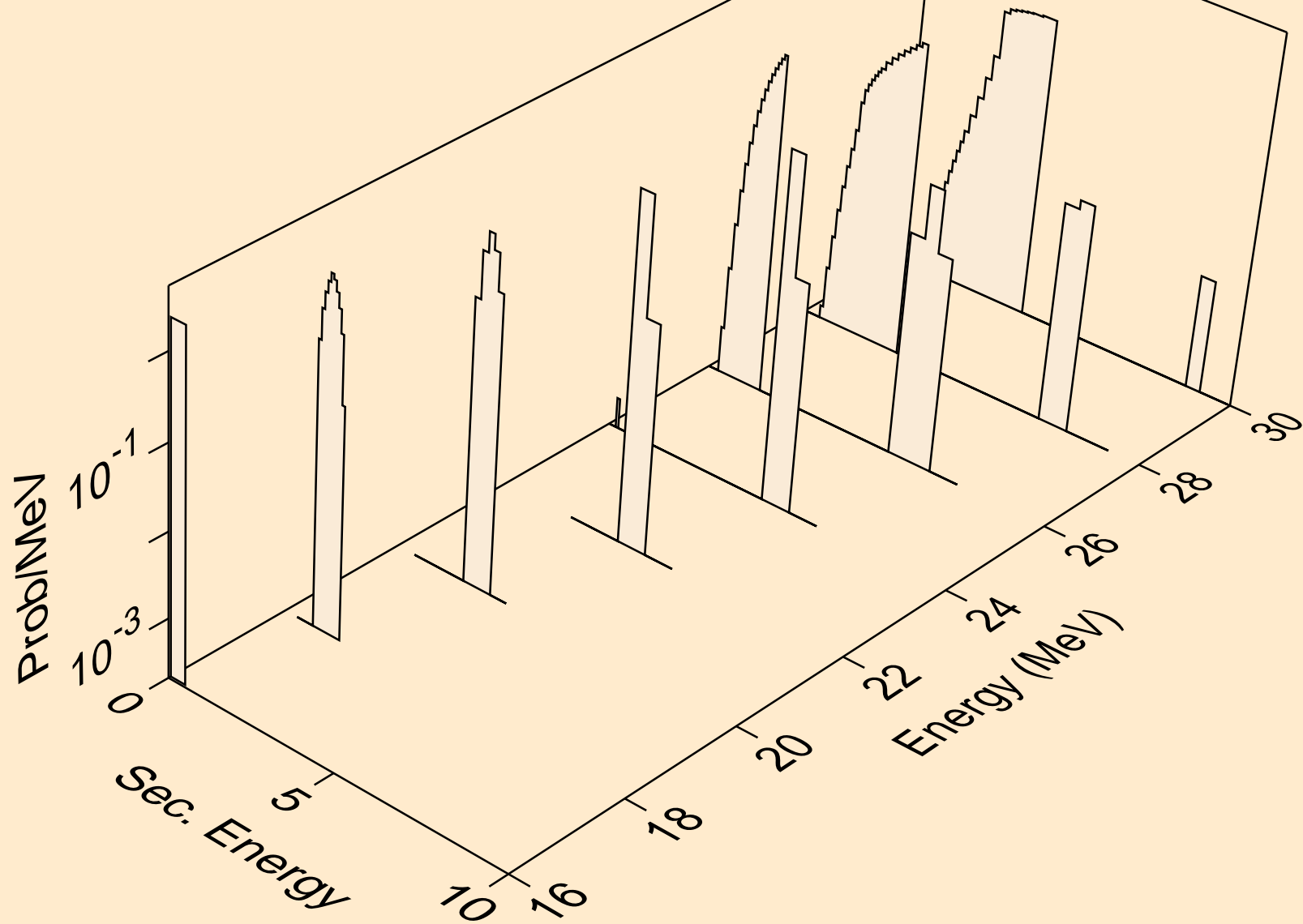
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,da)



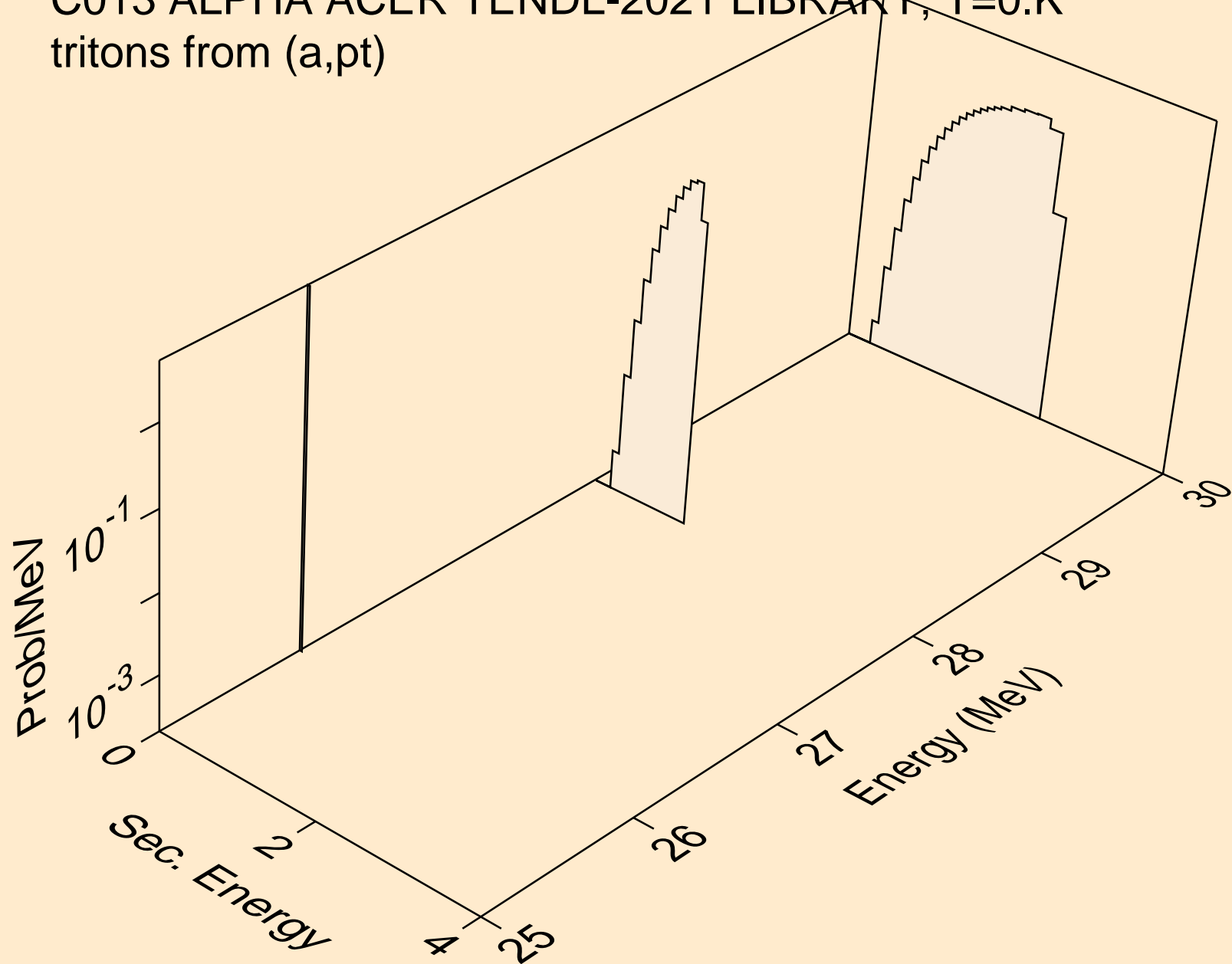
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



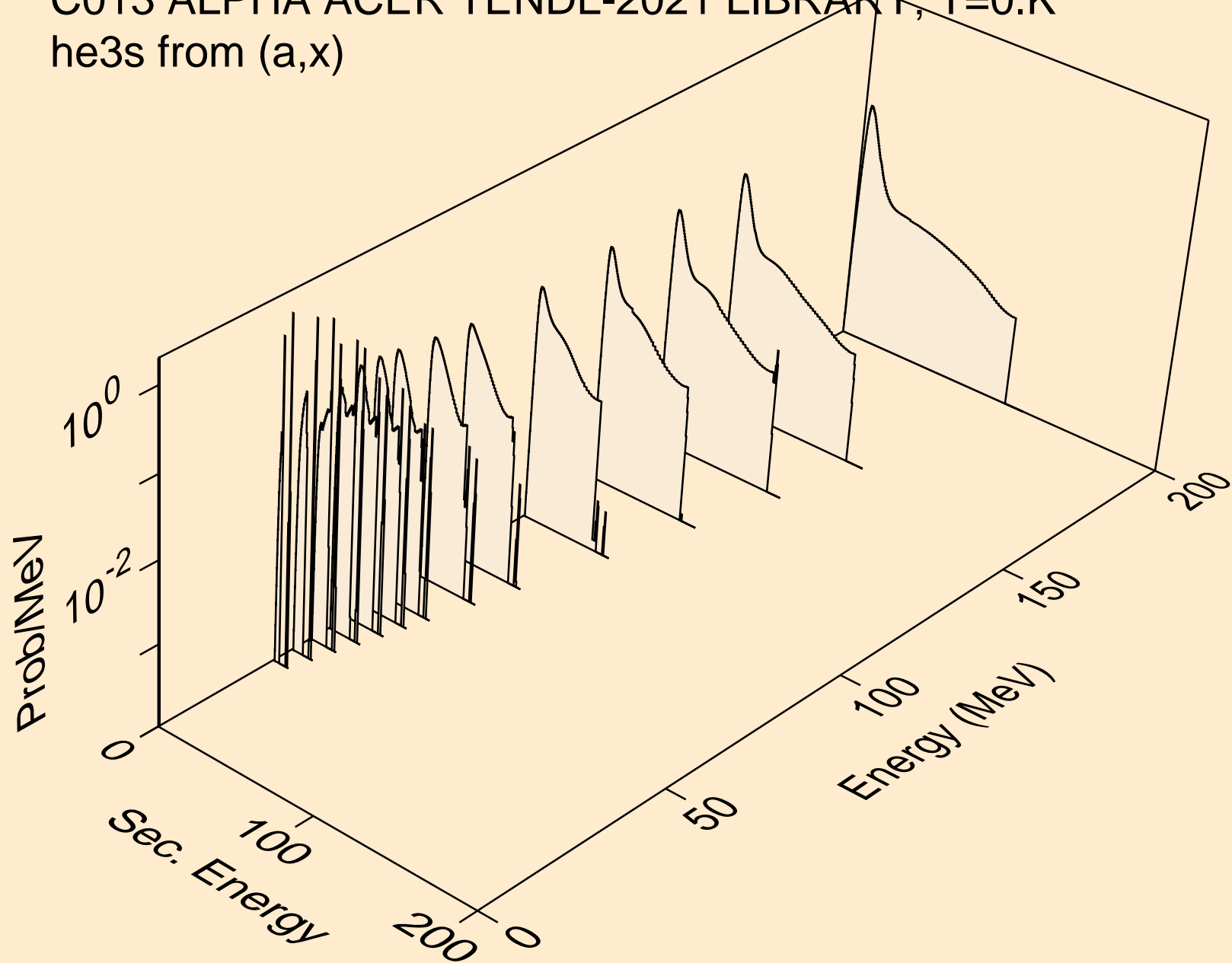
C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)

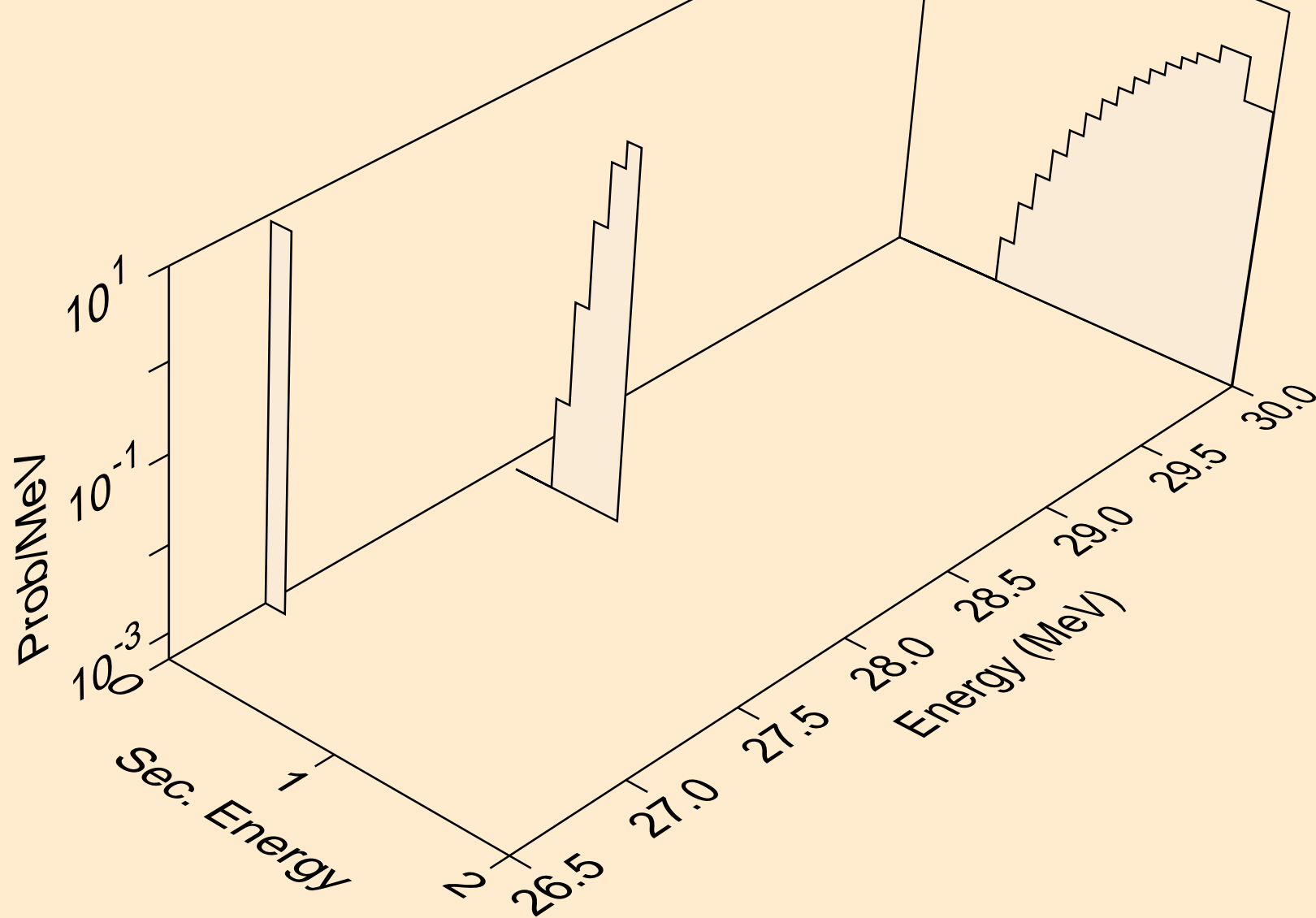


C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)





C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



C013 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

