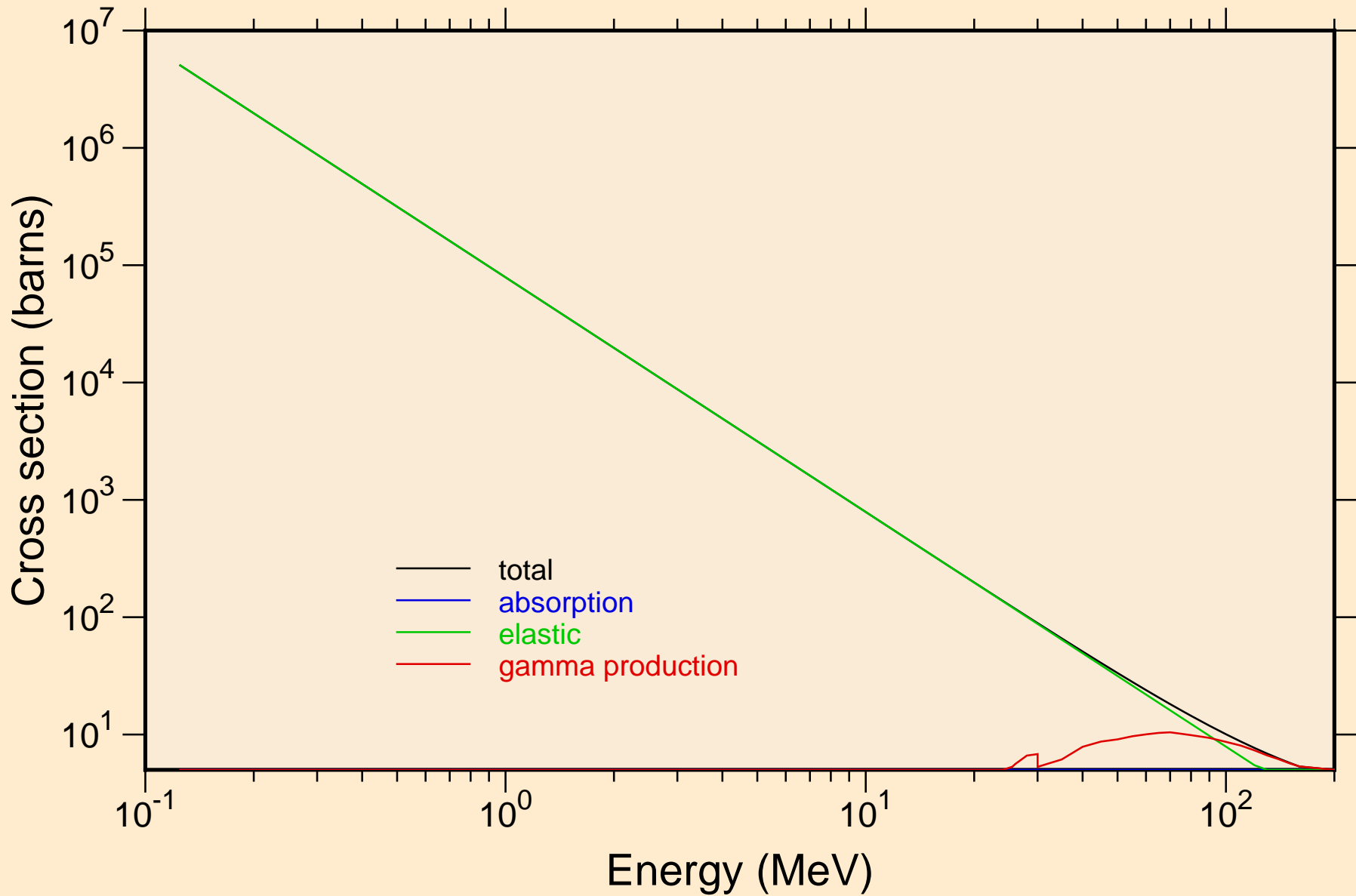
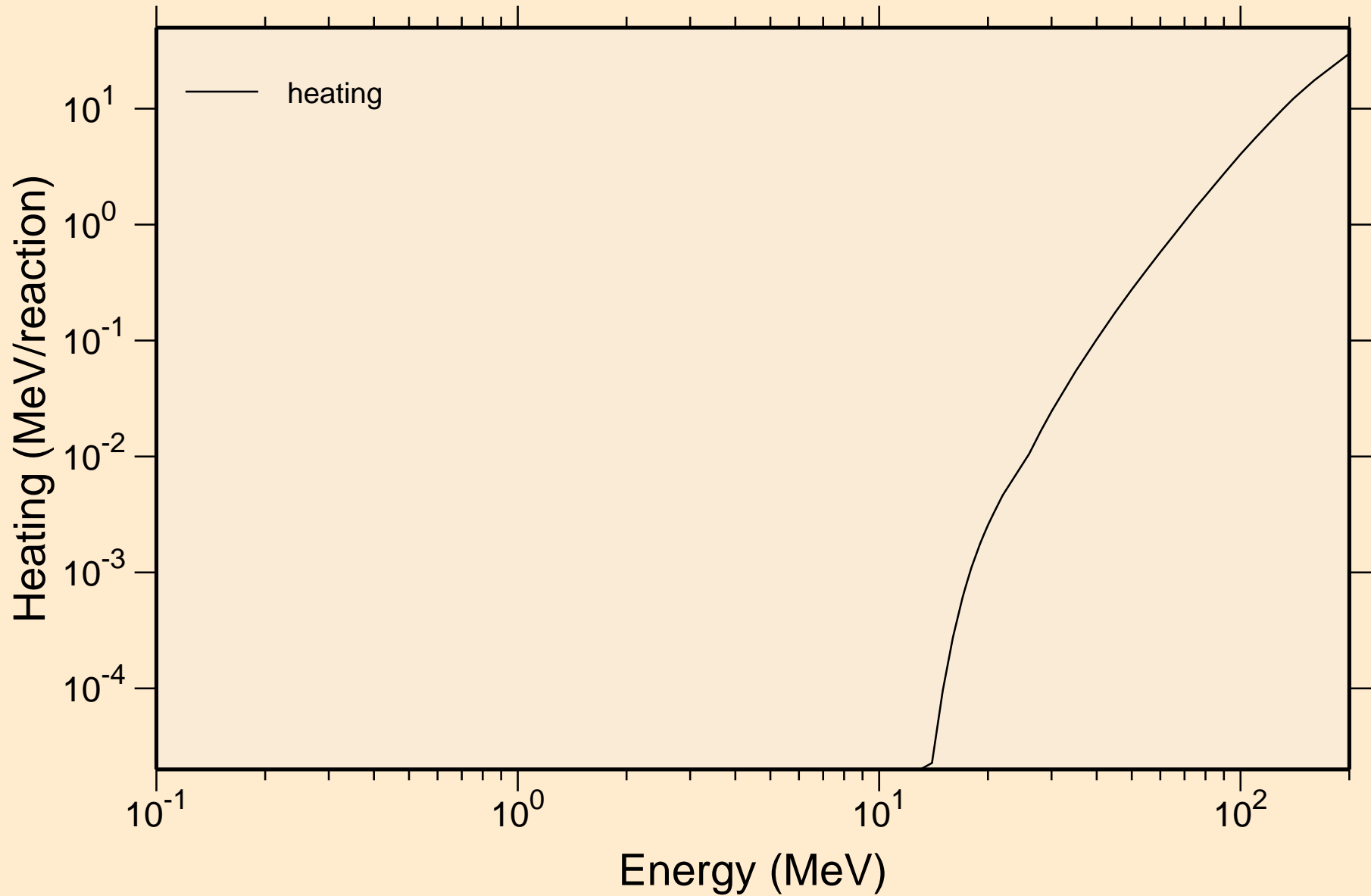


CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



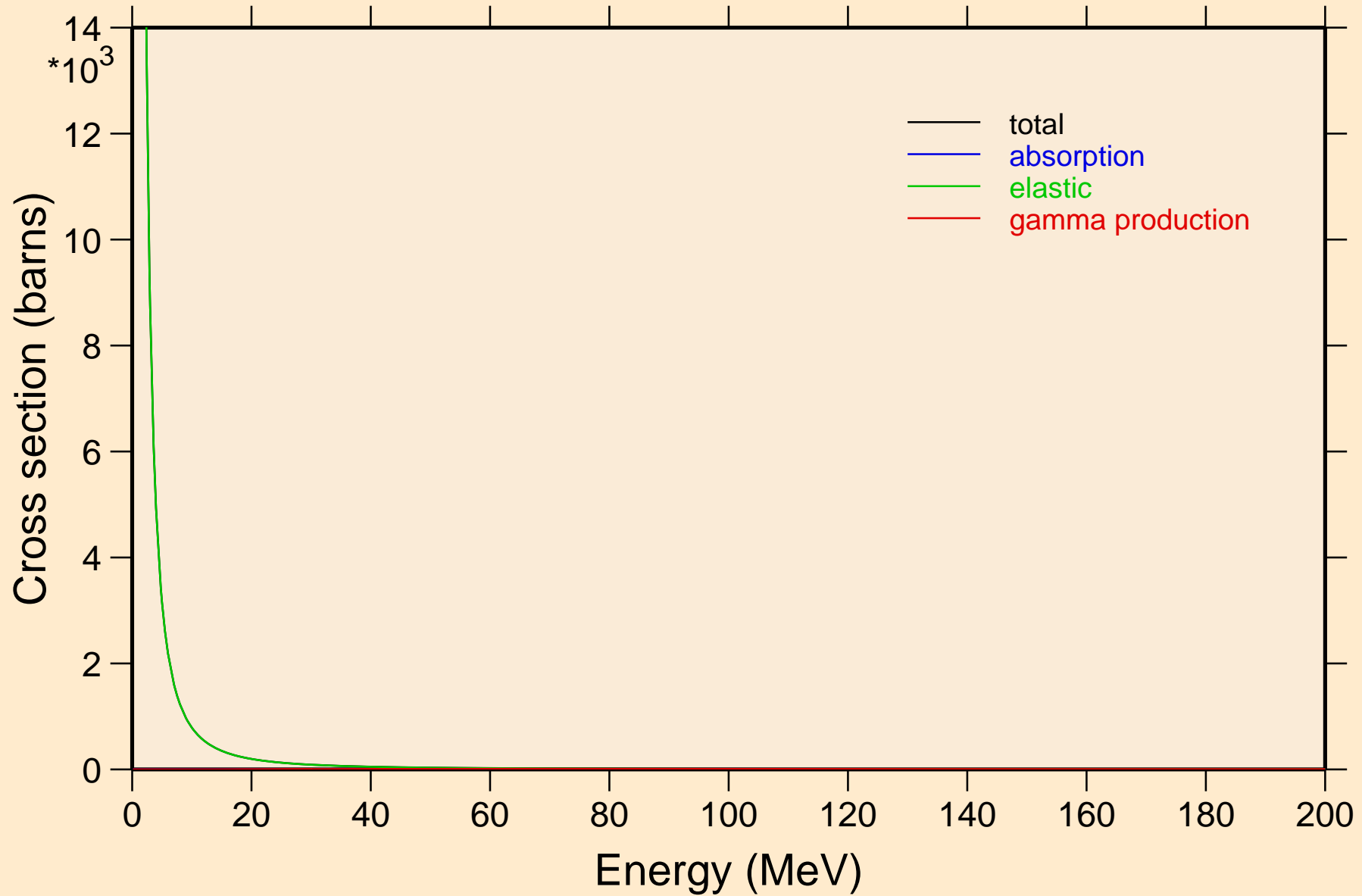
# CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



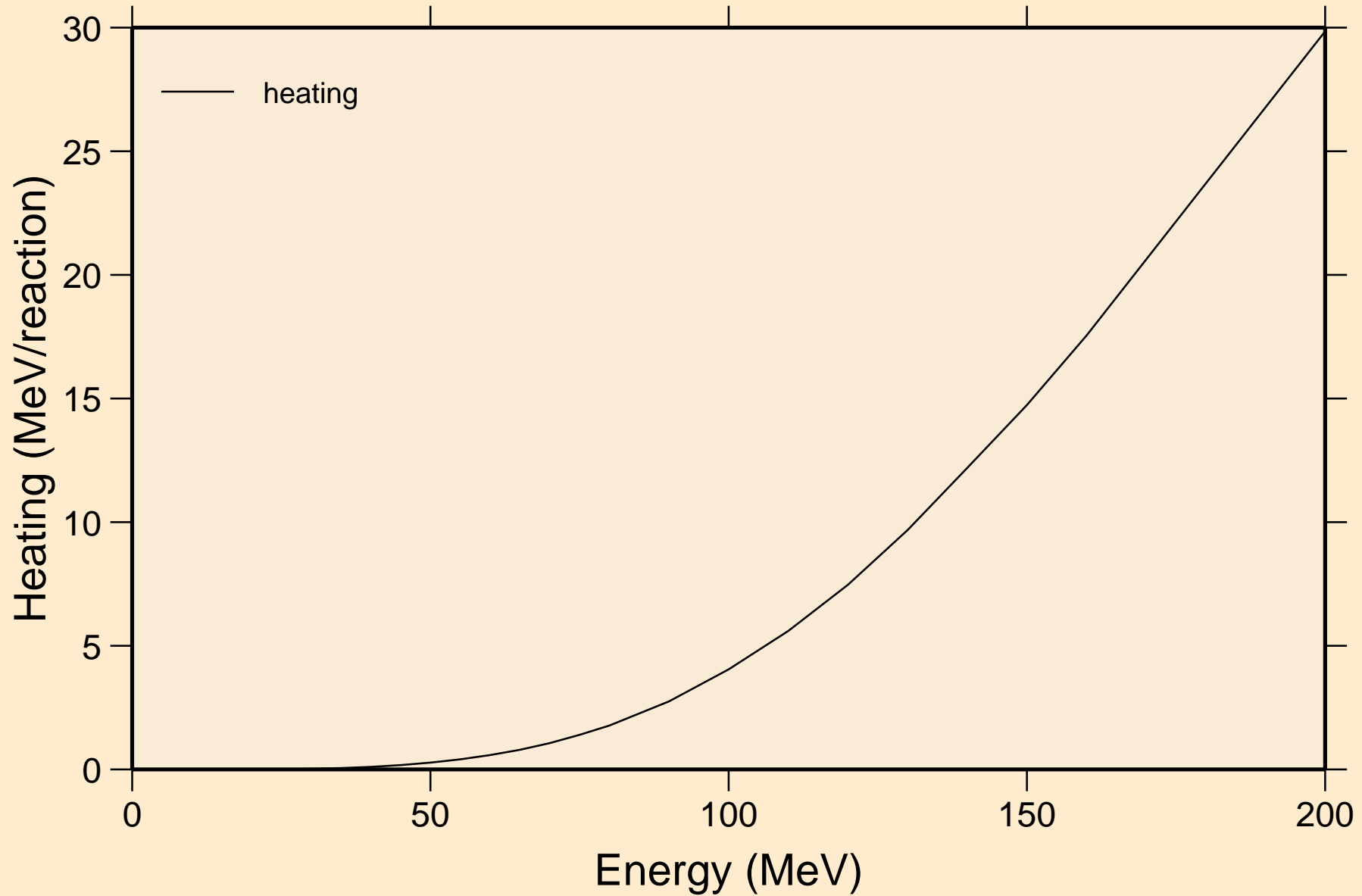
# CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

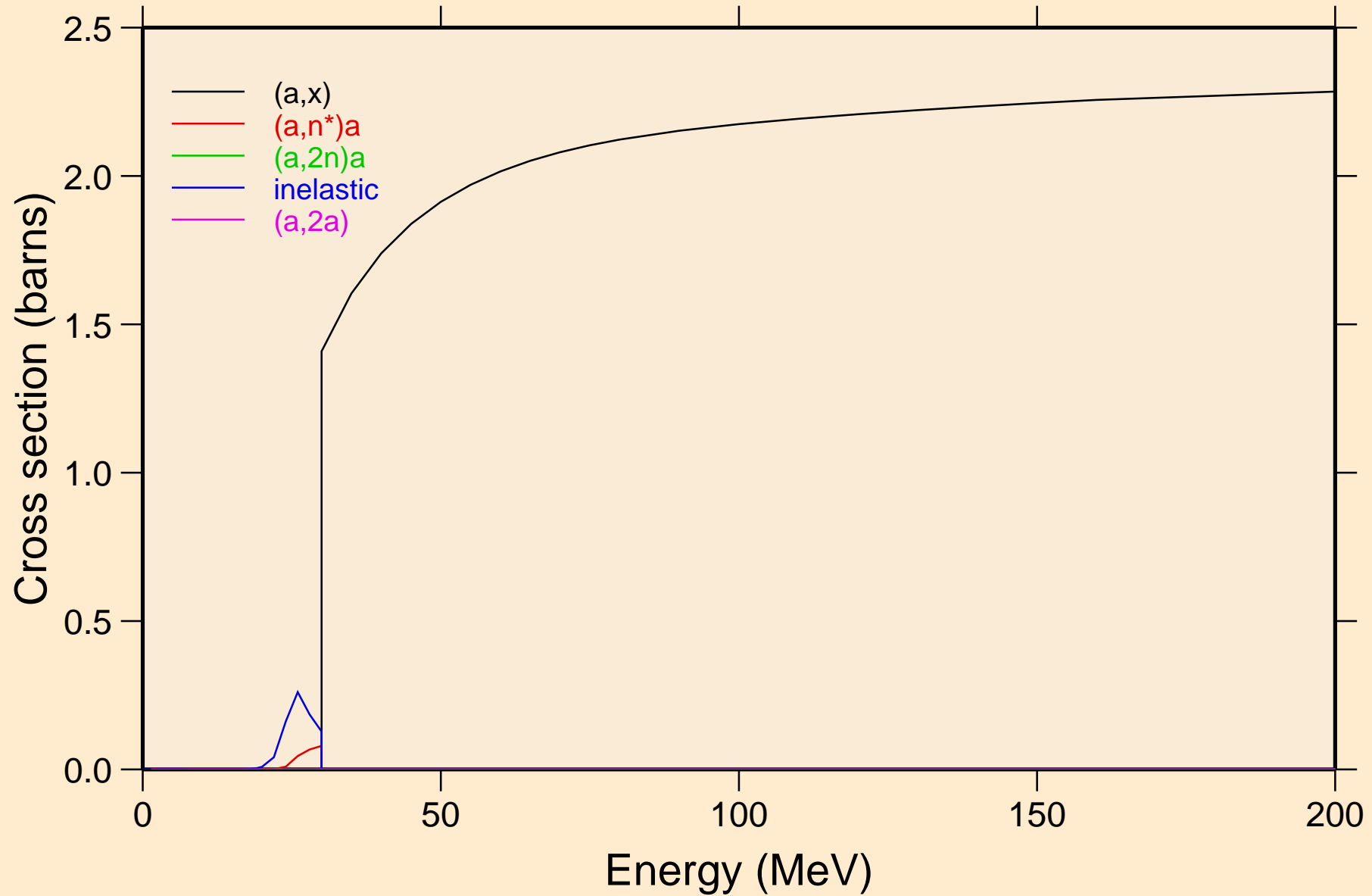


# CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

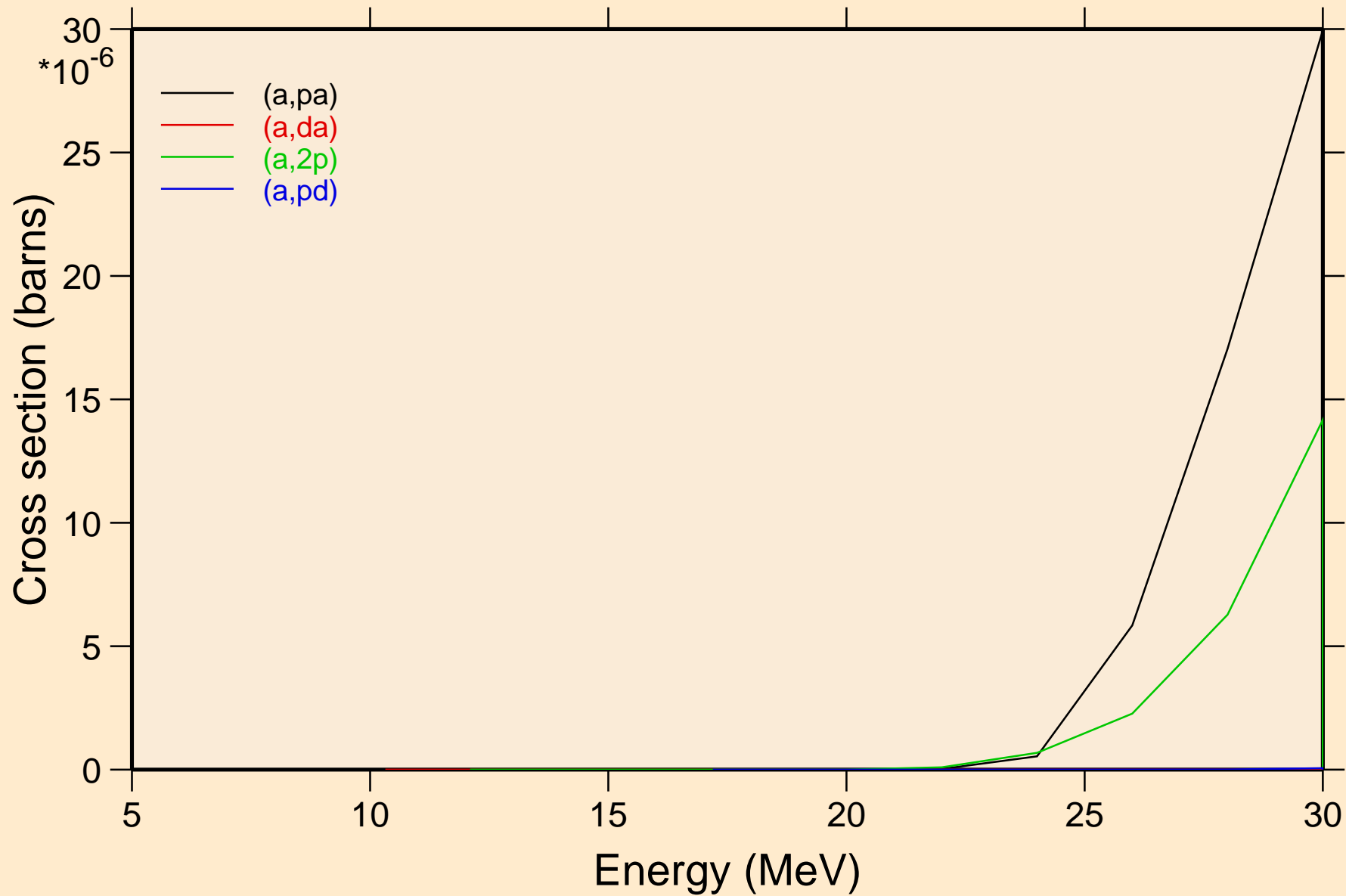
## Heating



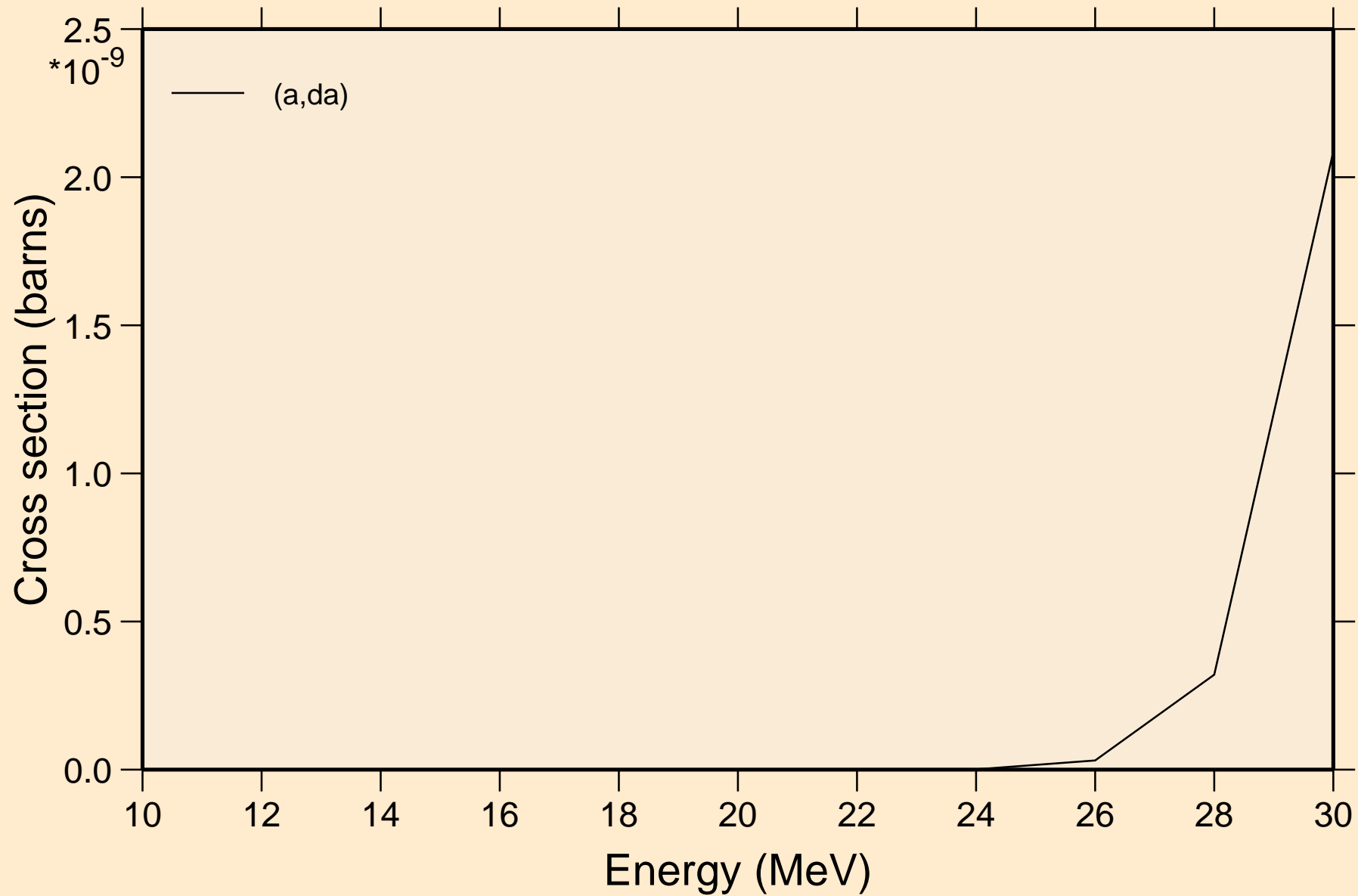
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



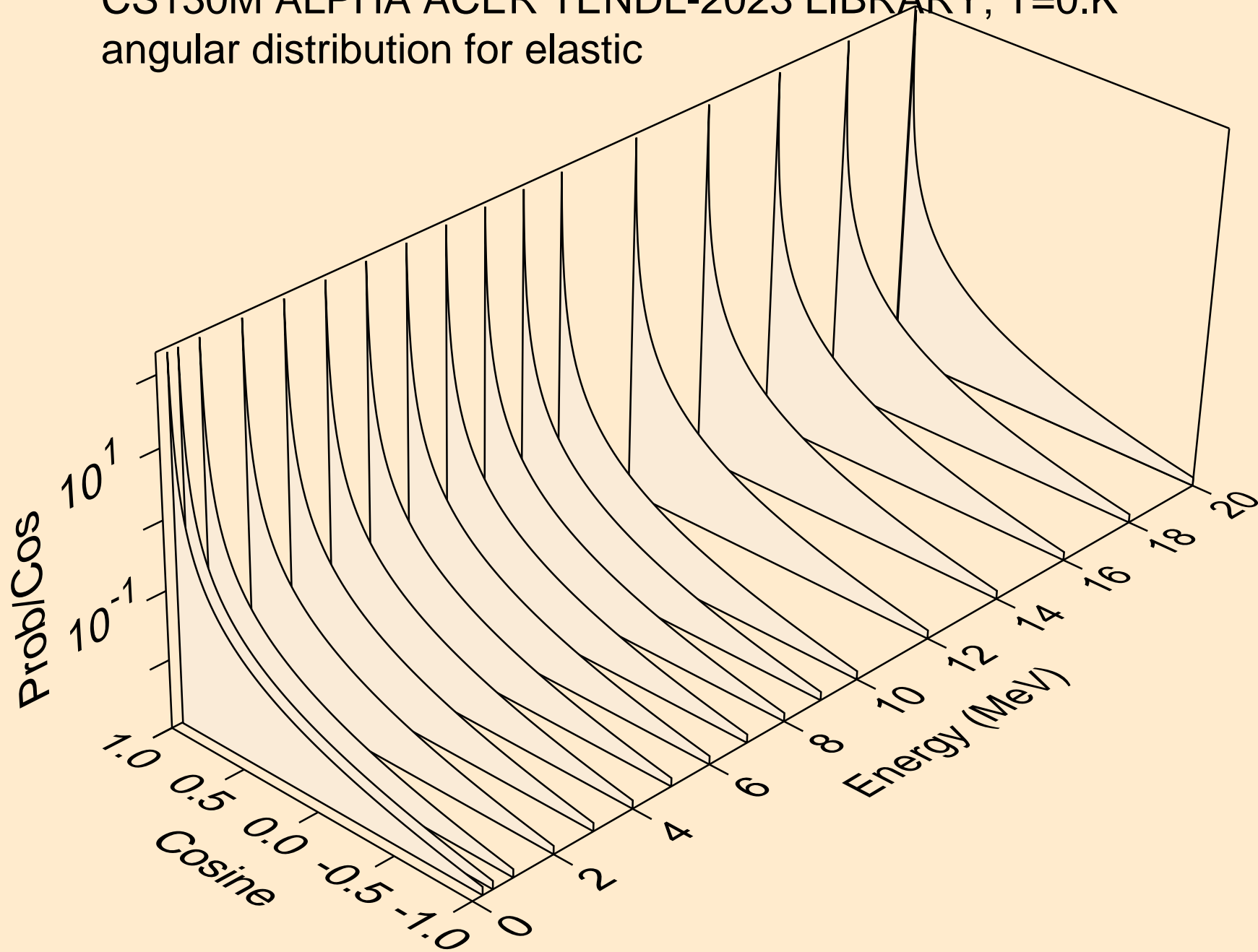
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

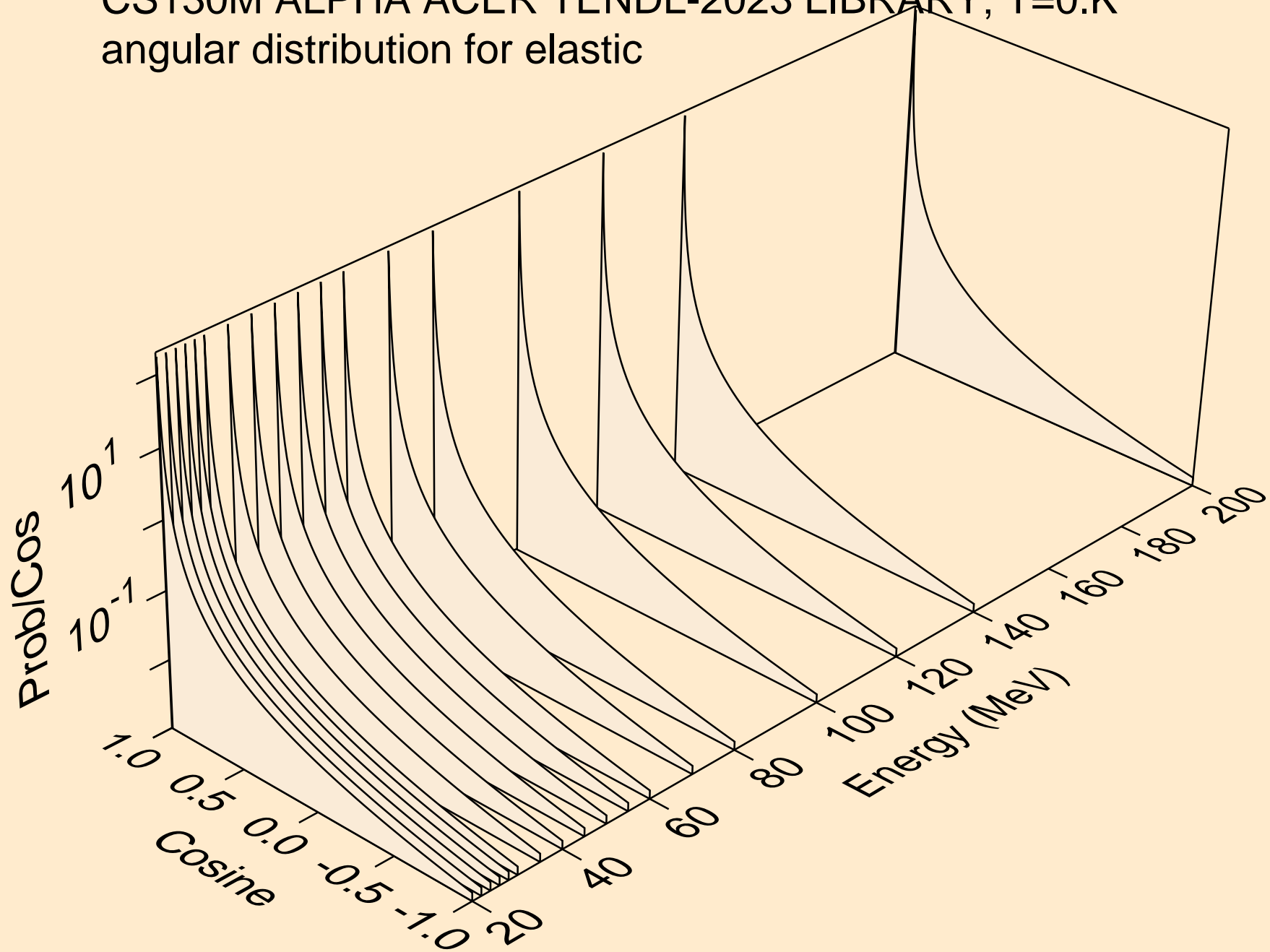


CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

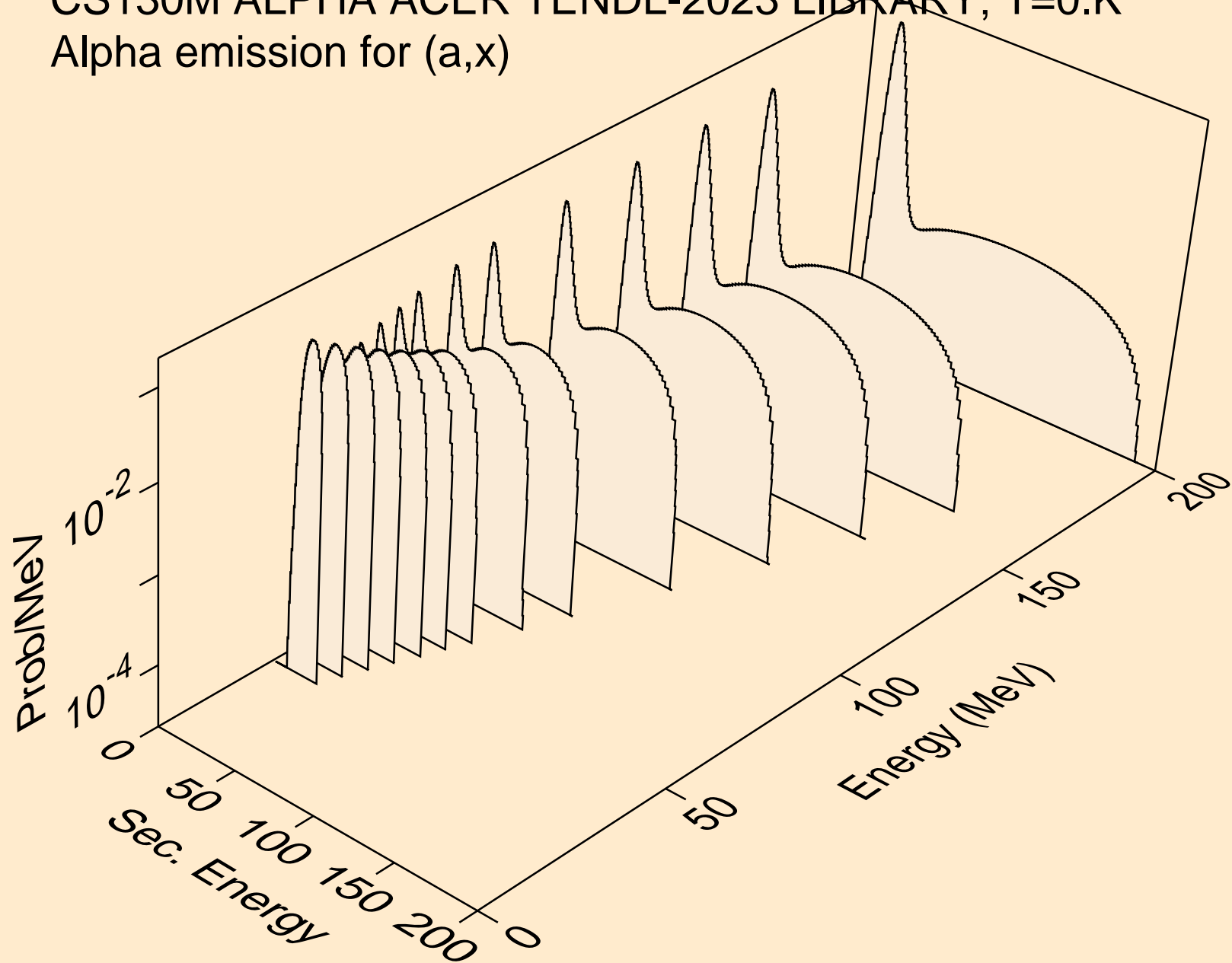




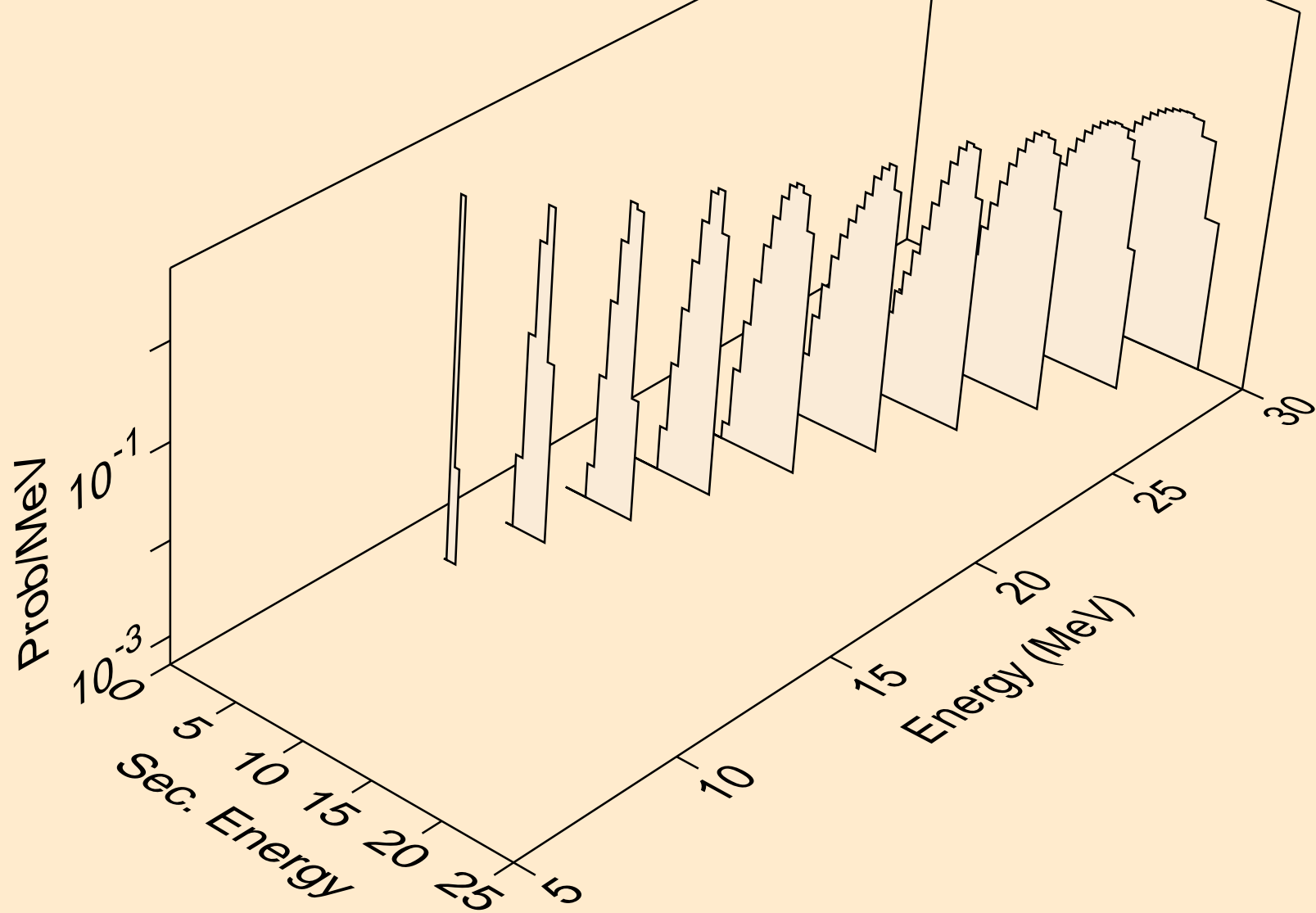
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



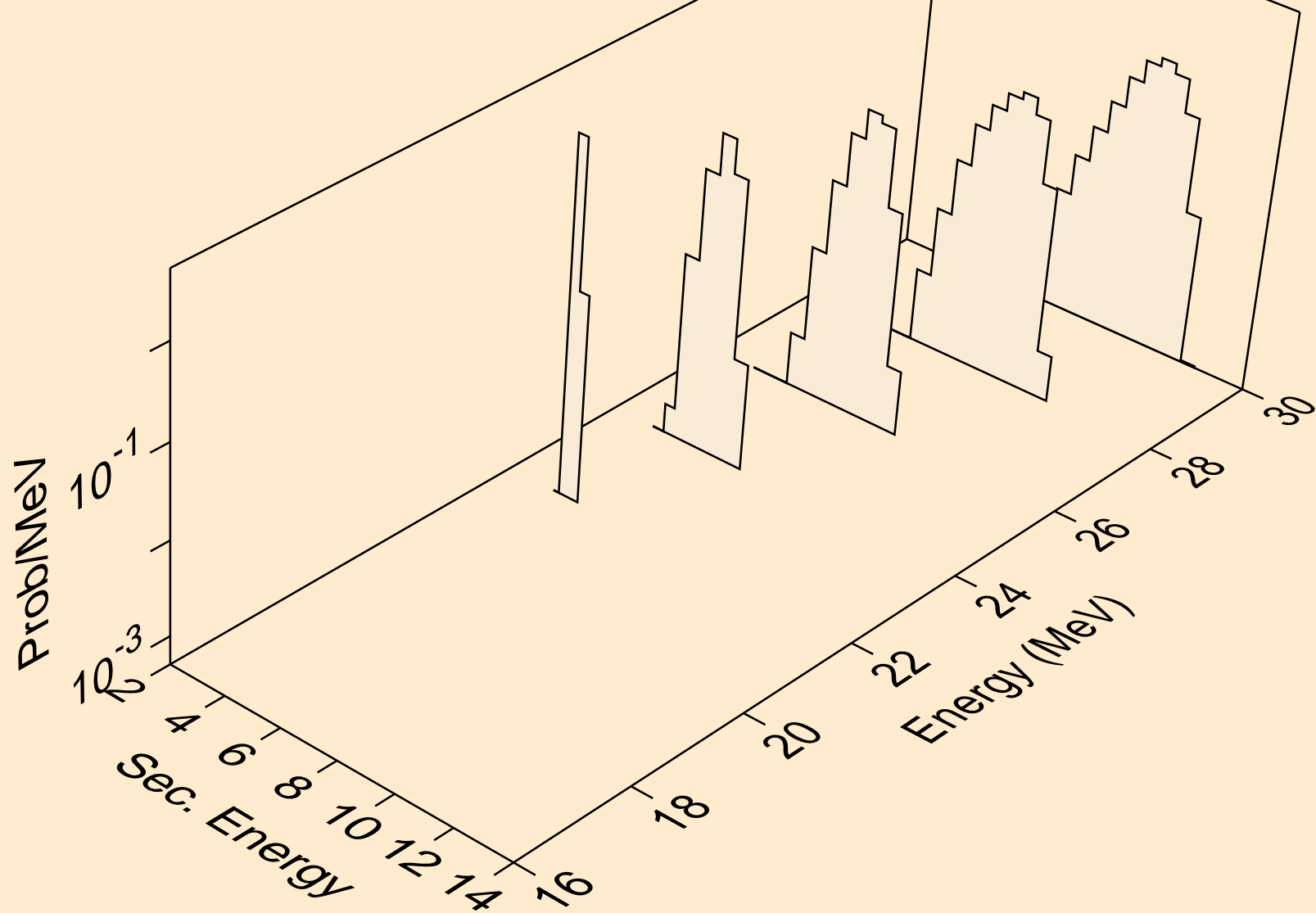
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



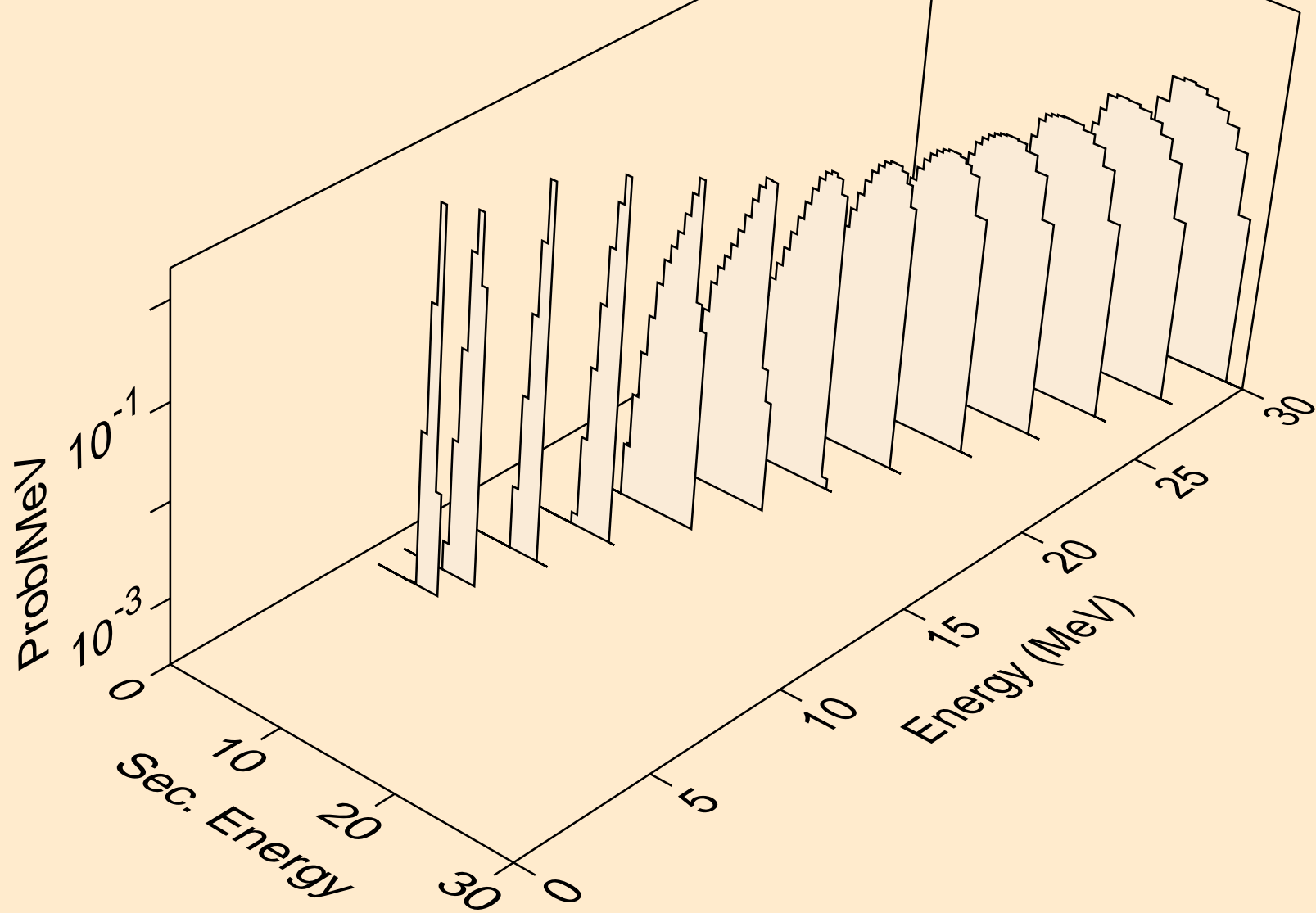
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



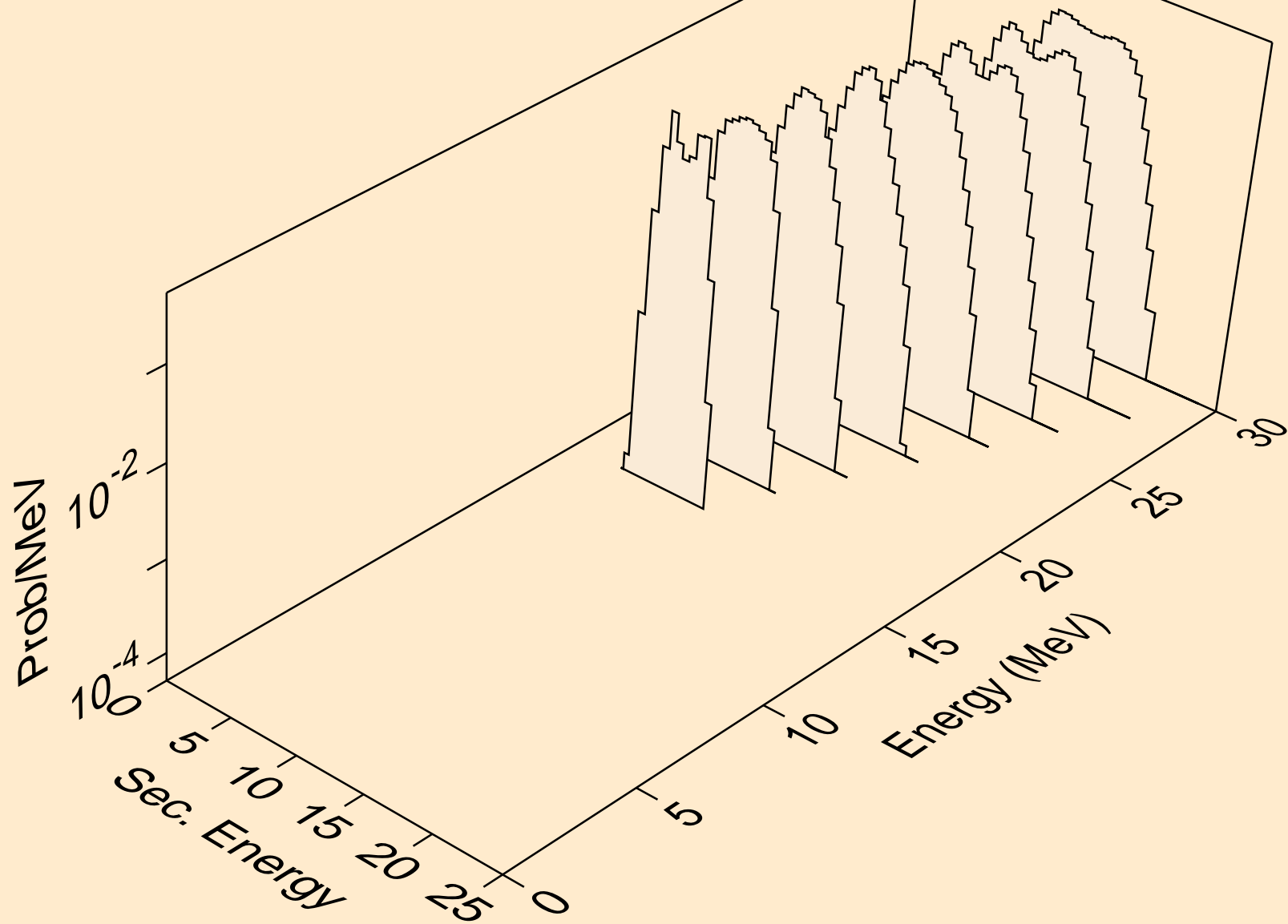
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



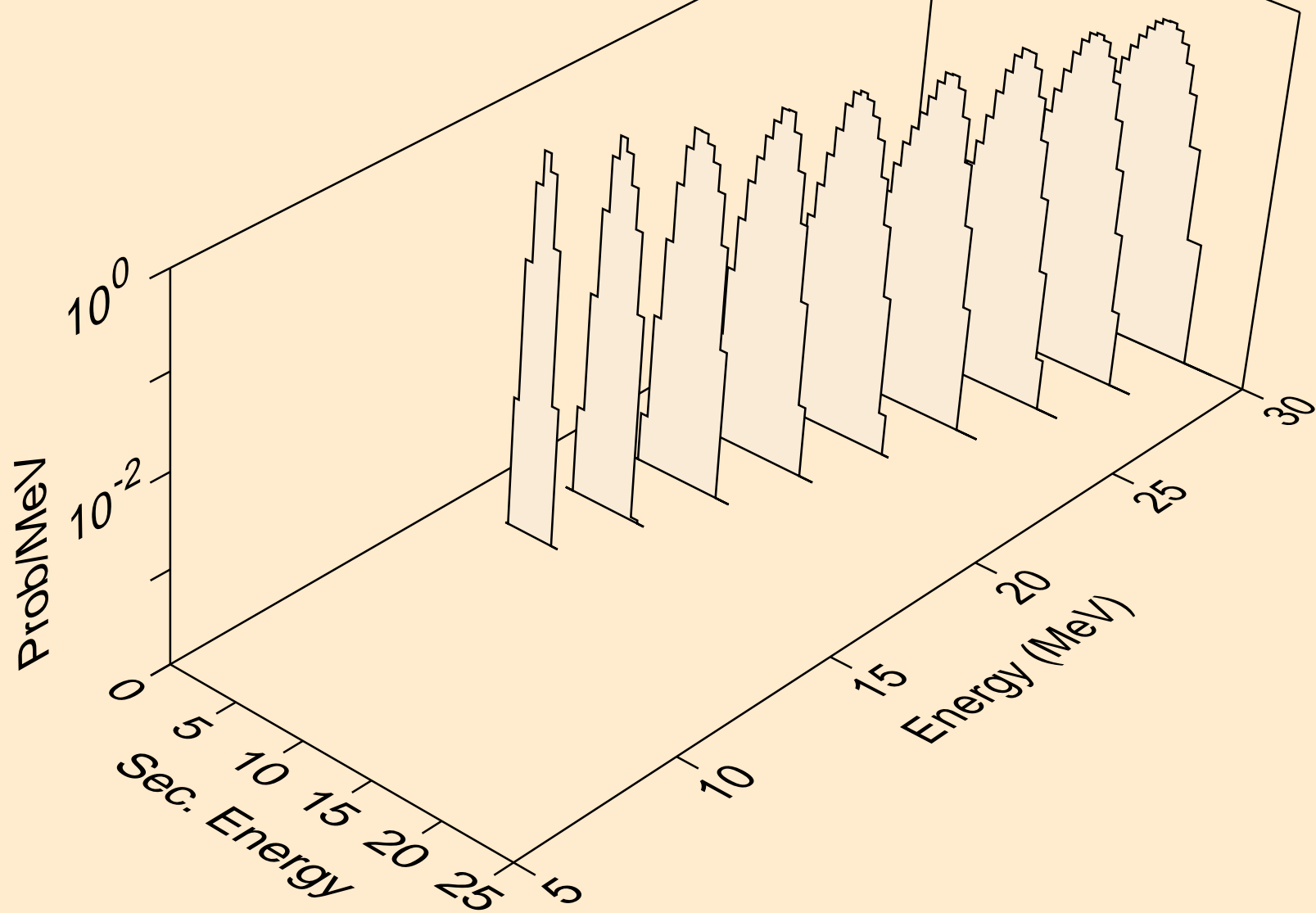
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



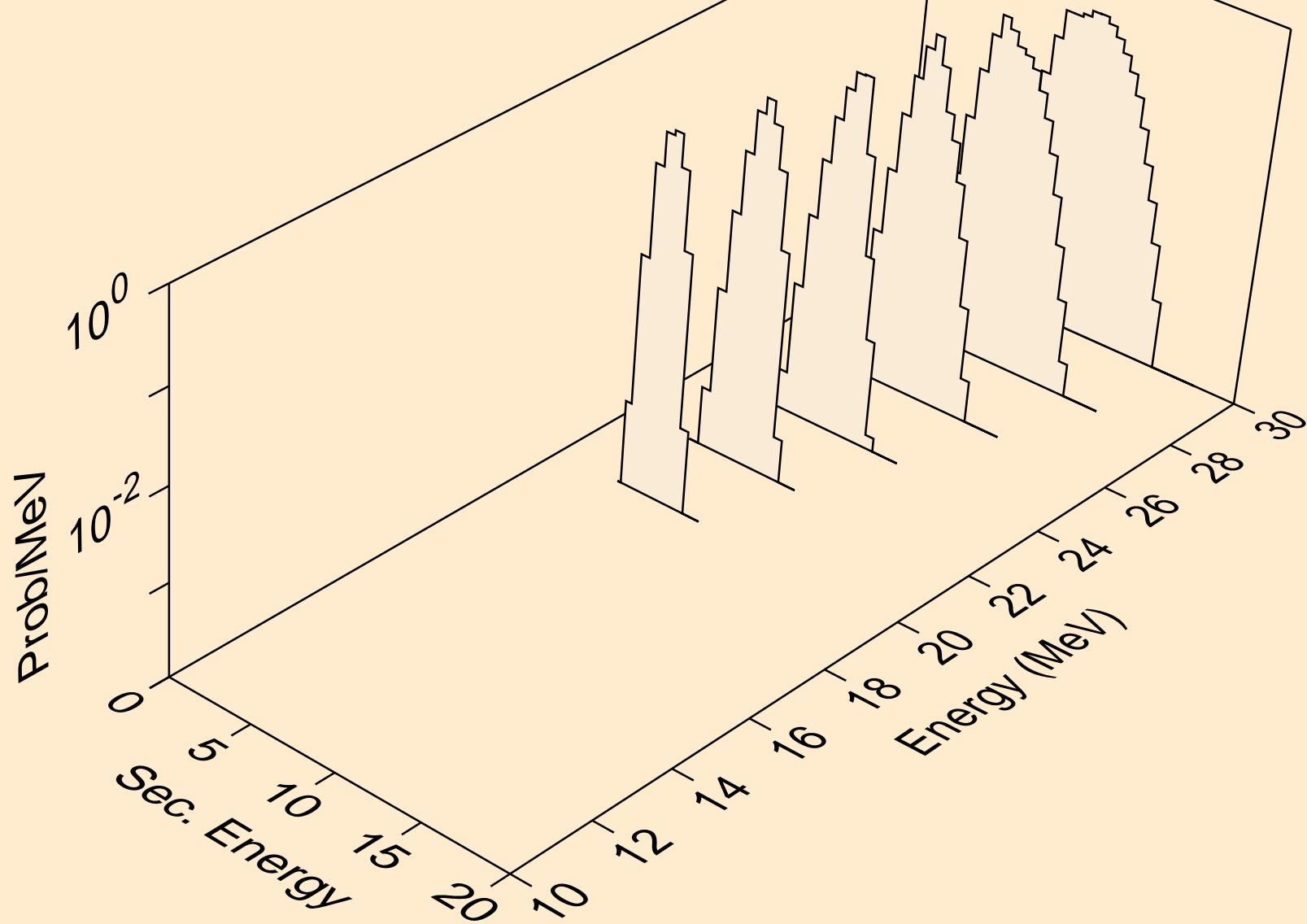
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

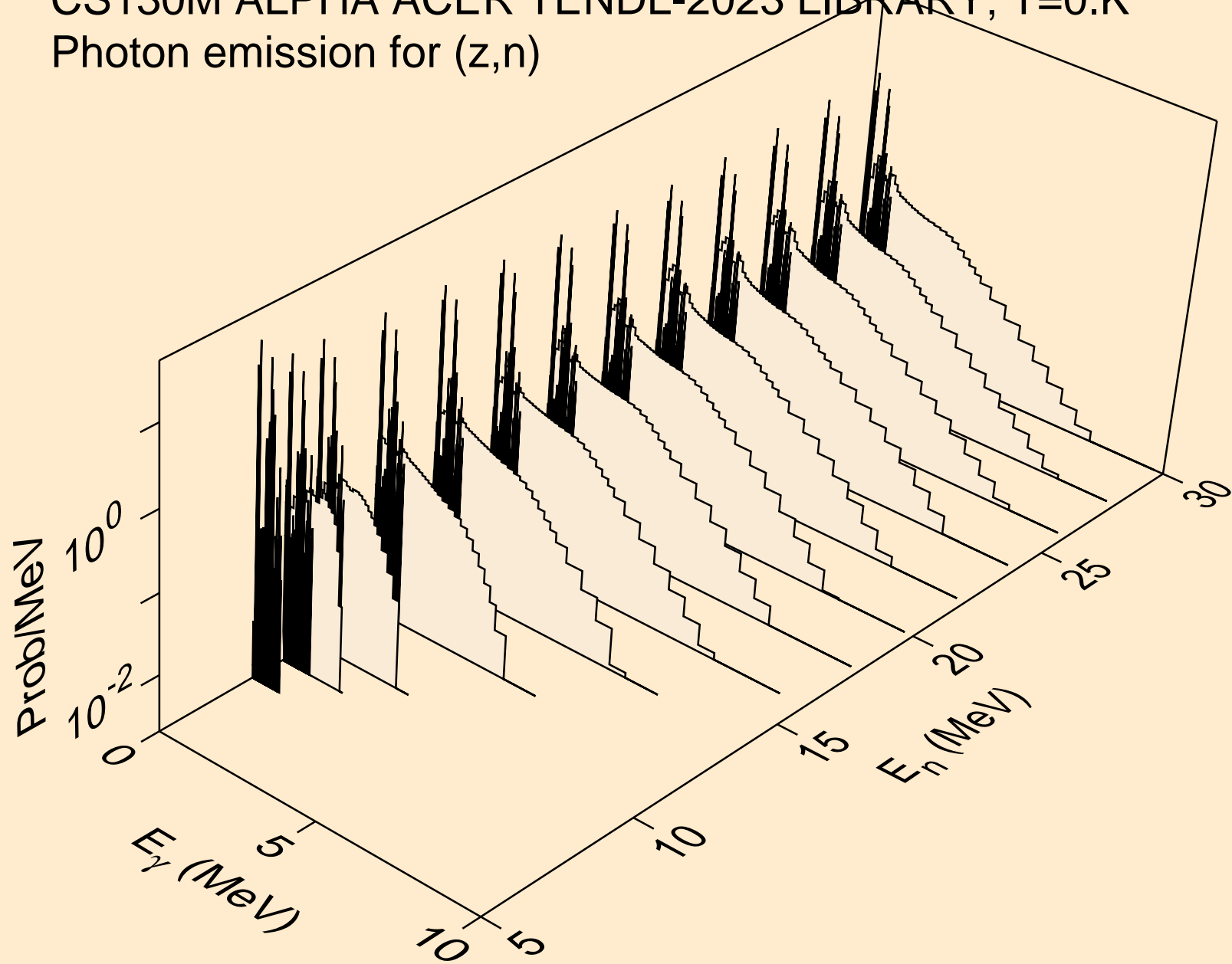


CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)

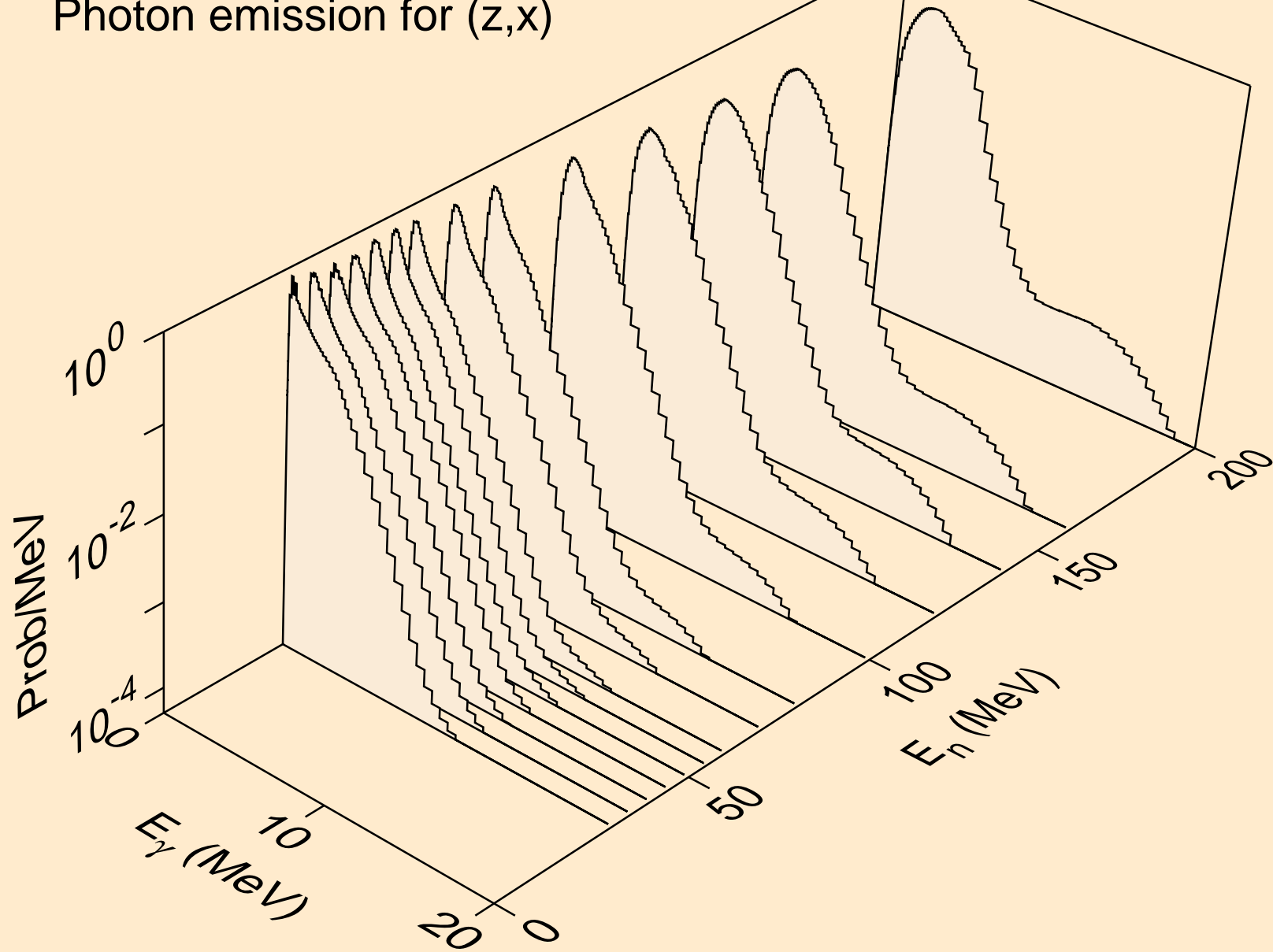




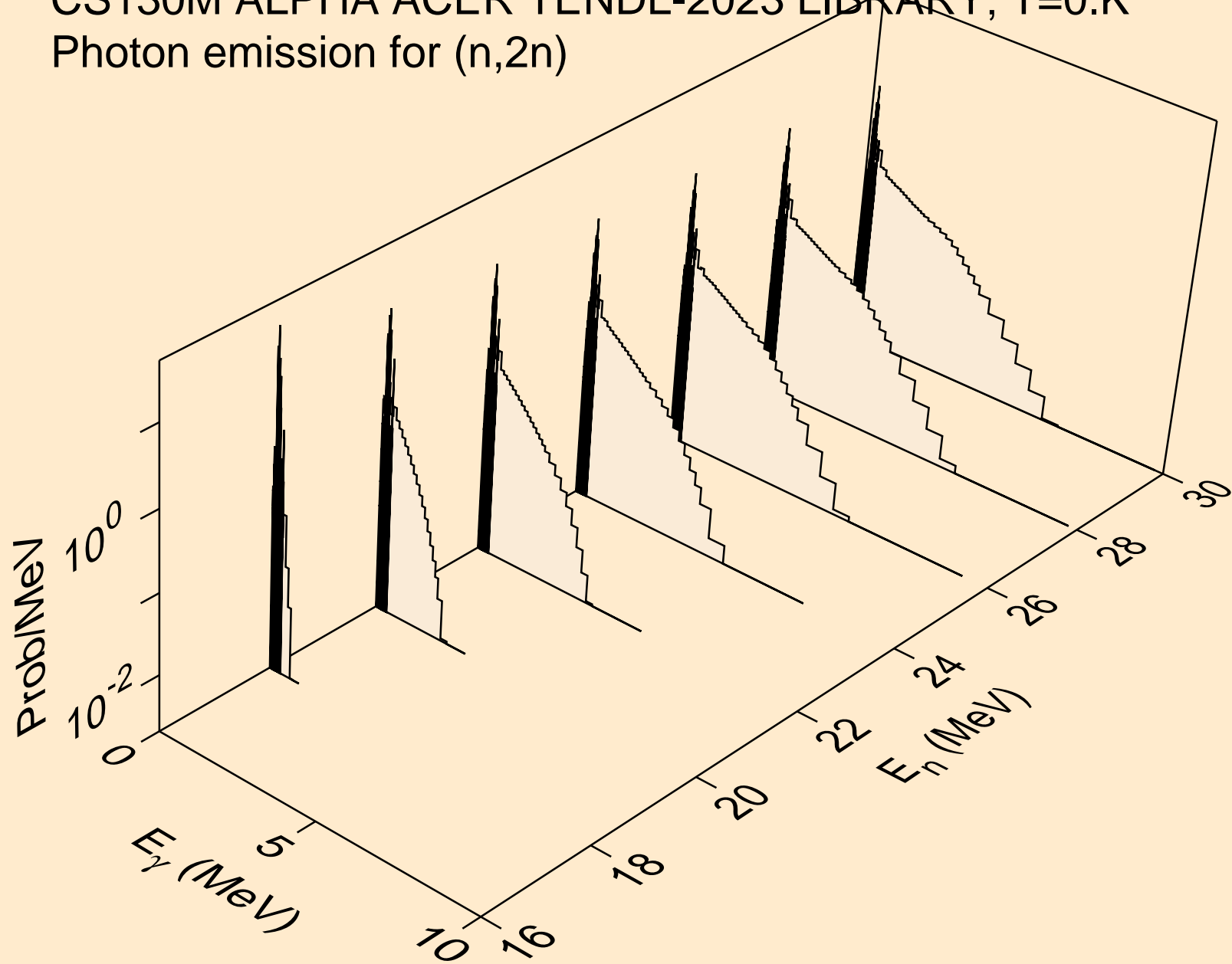
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



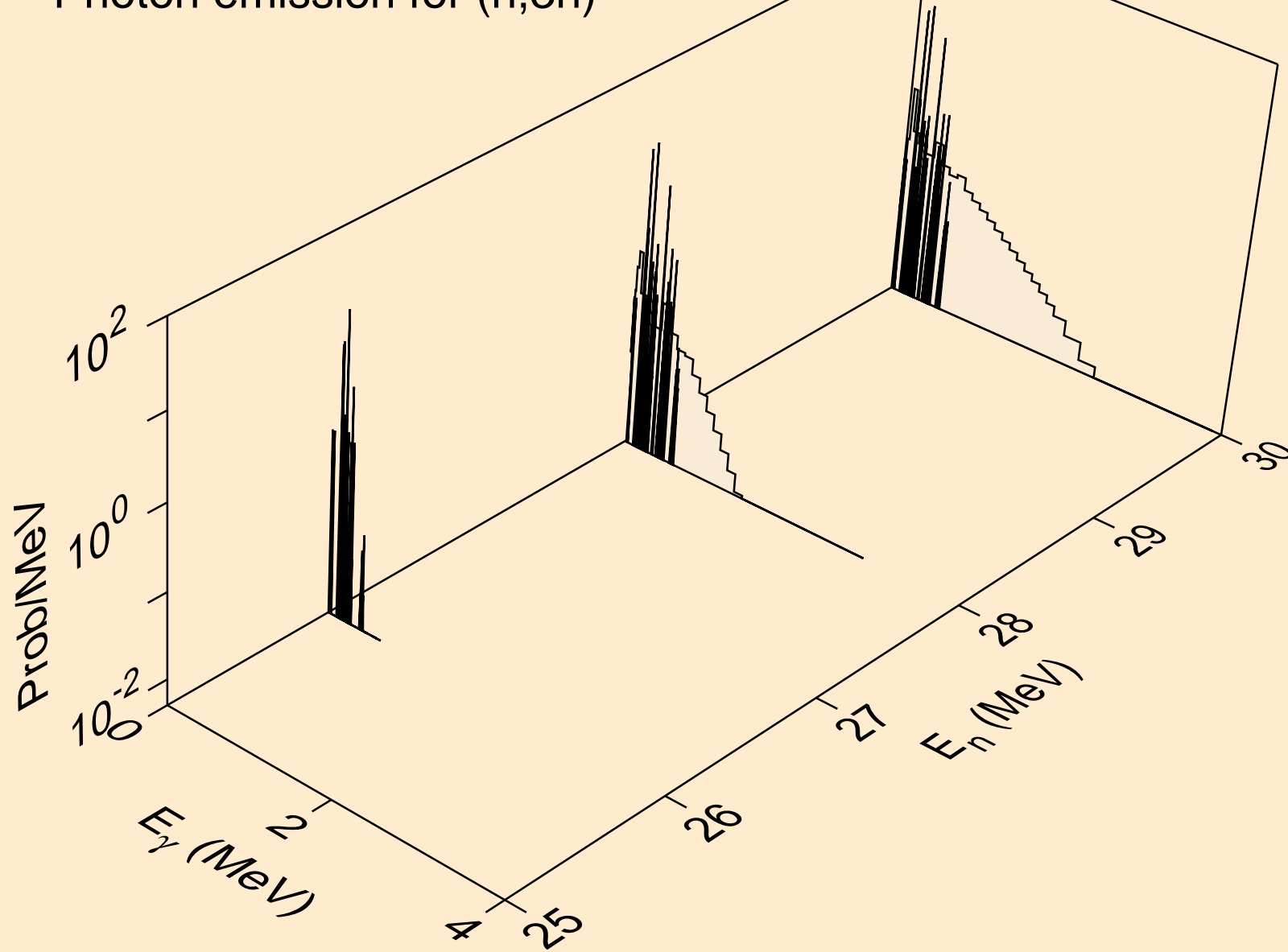
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



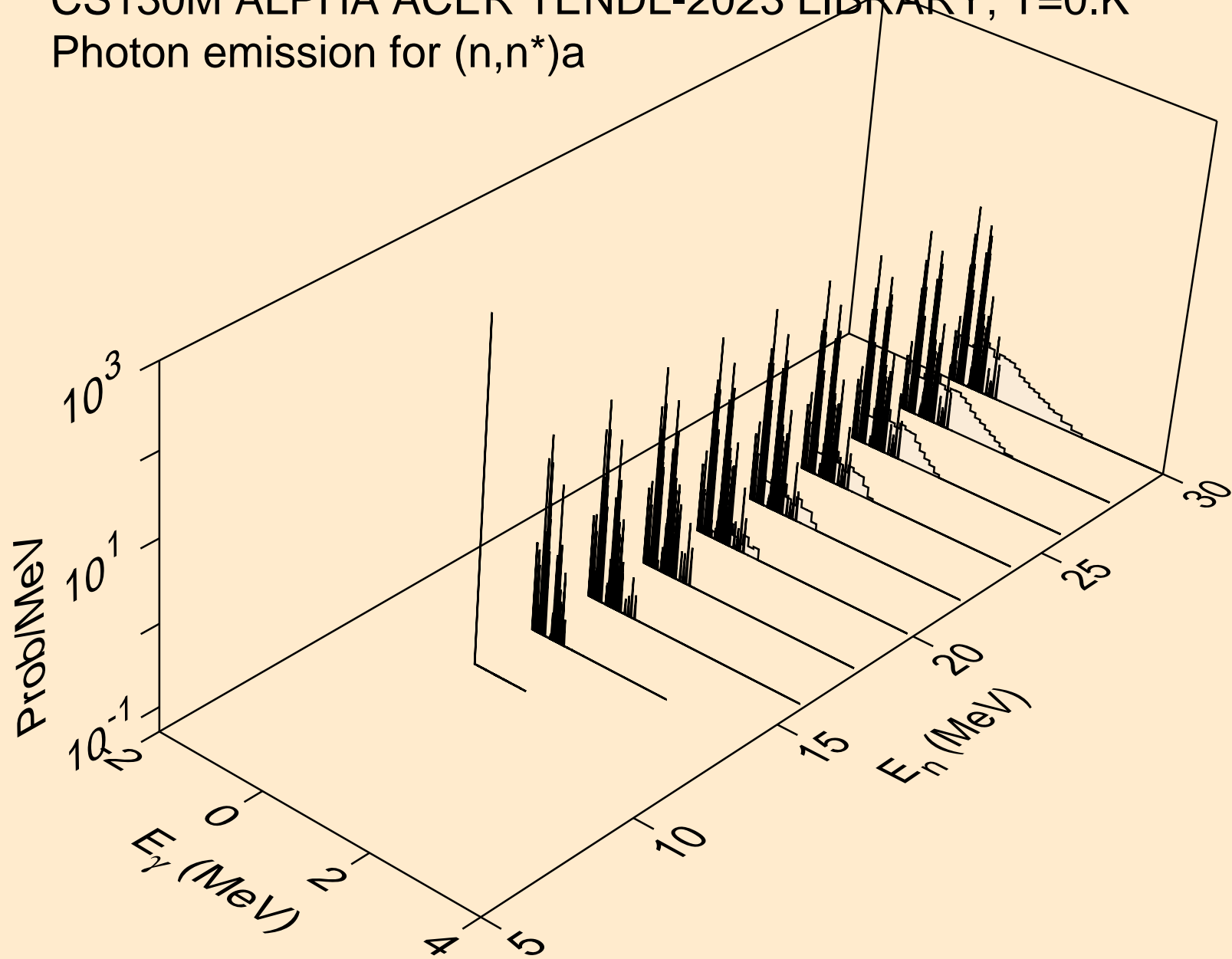
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



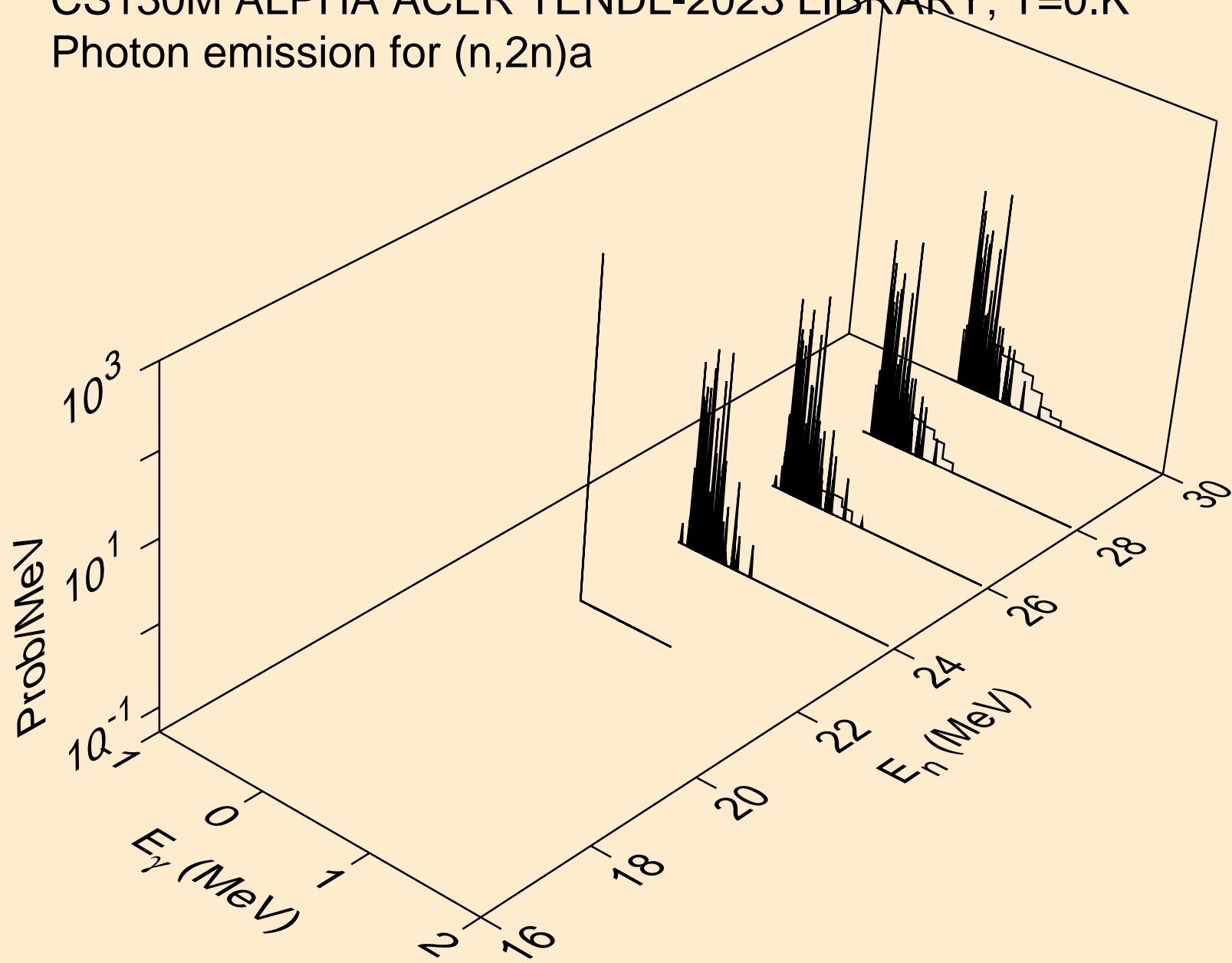
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



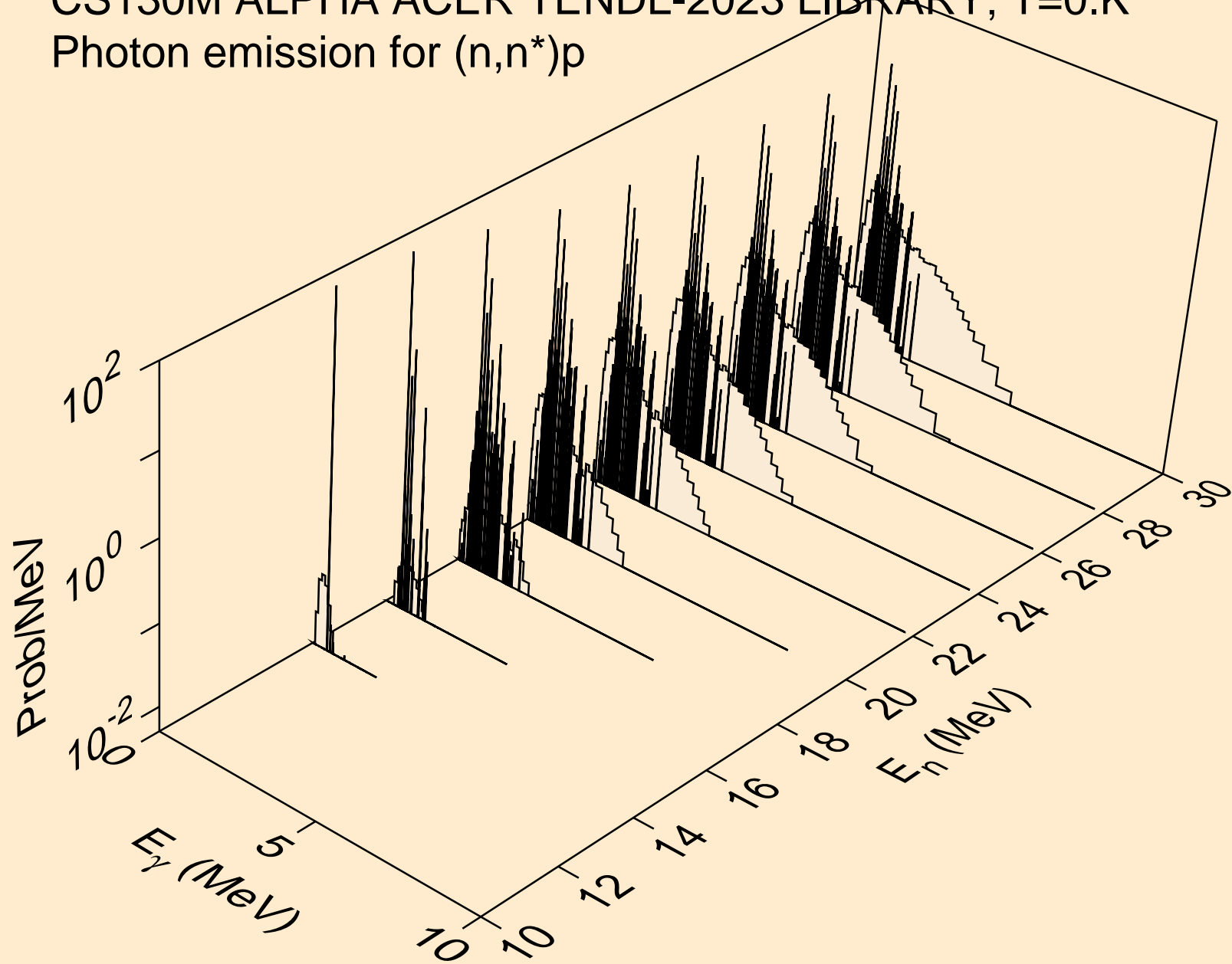
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



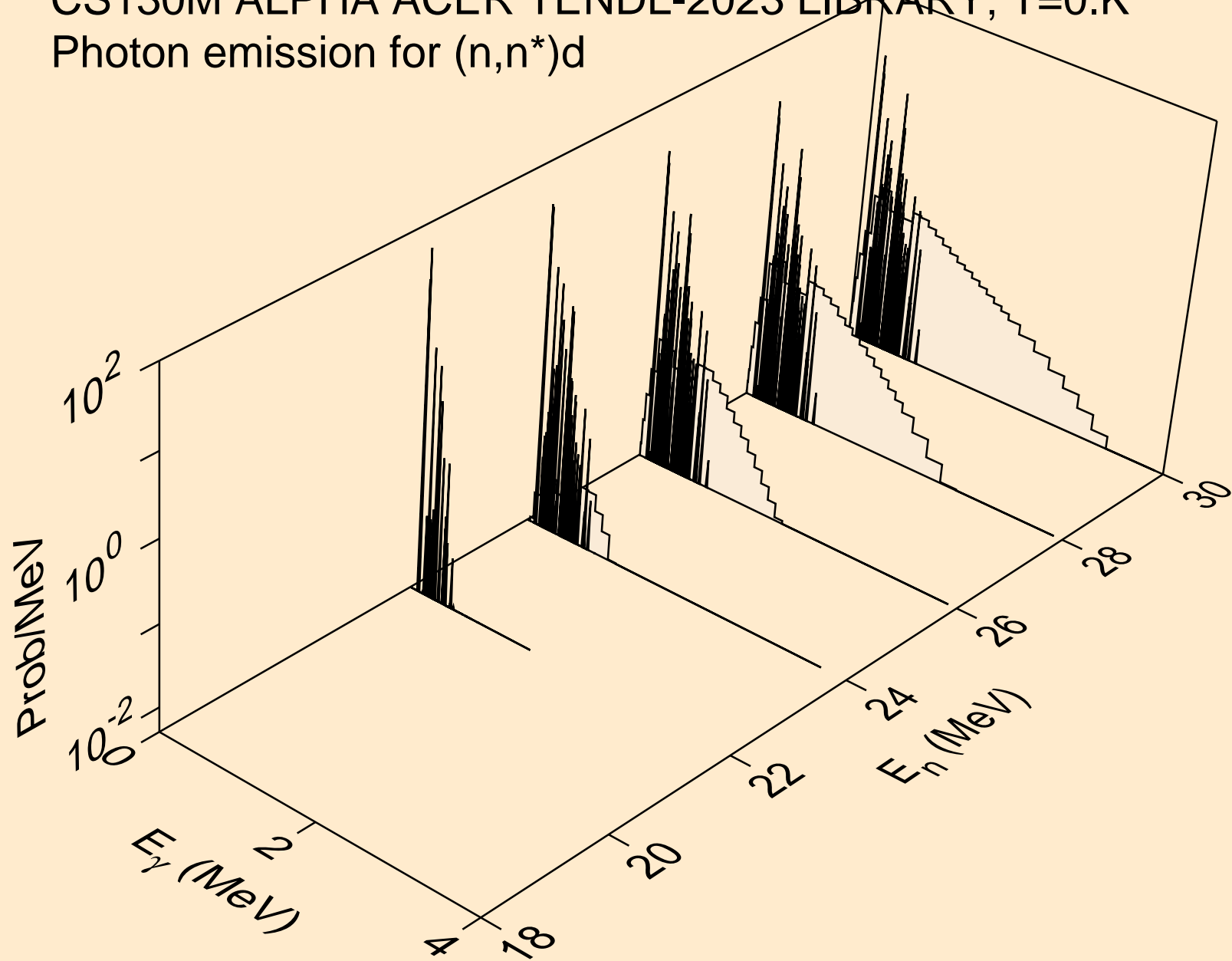
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

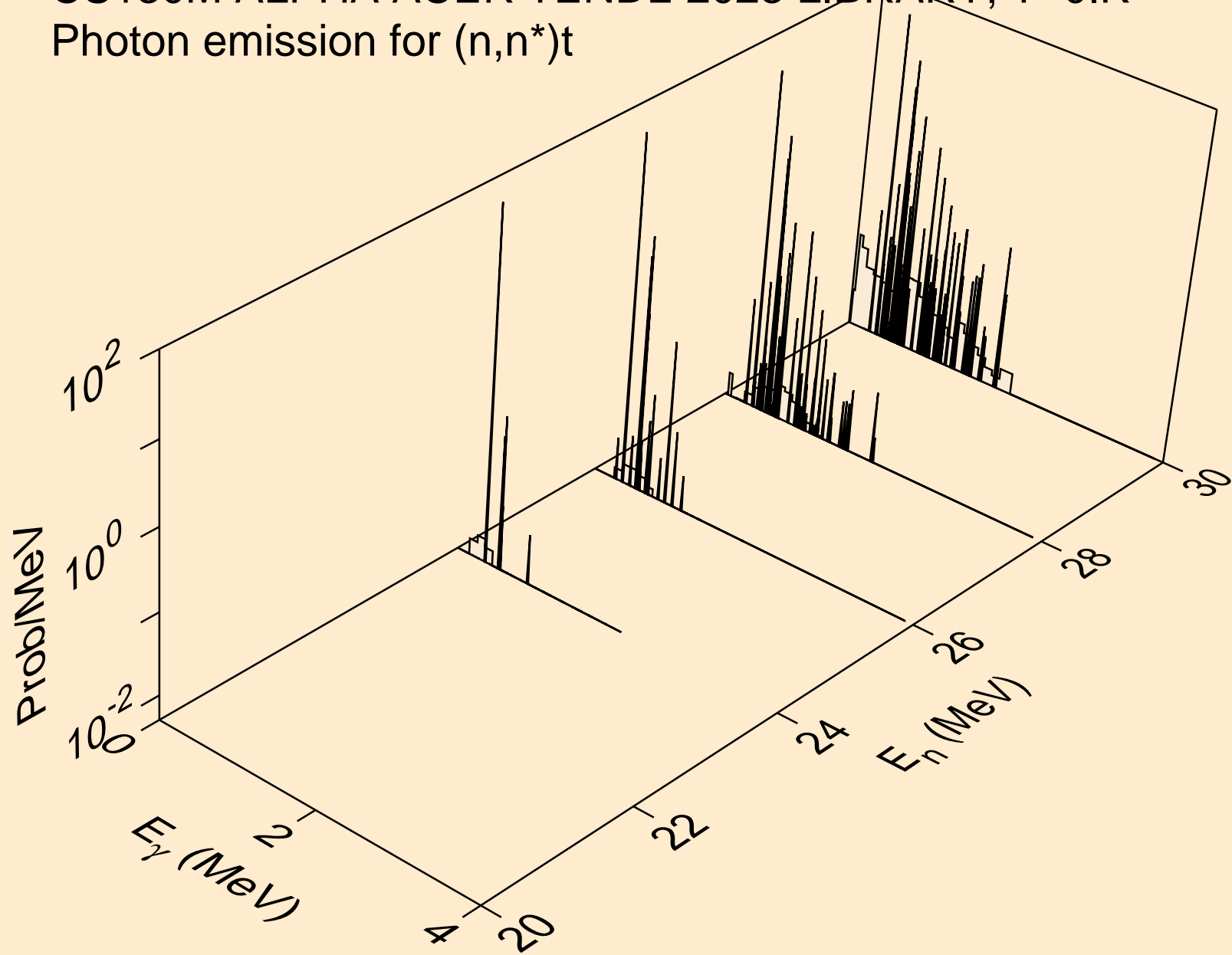


CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

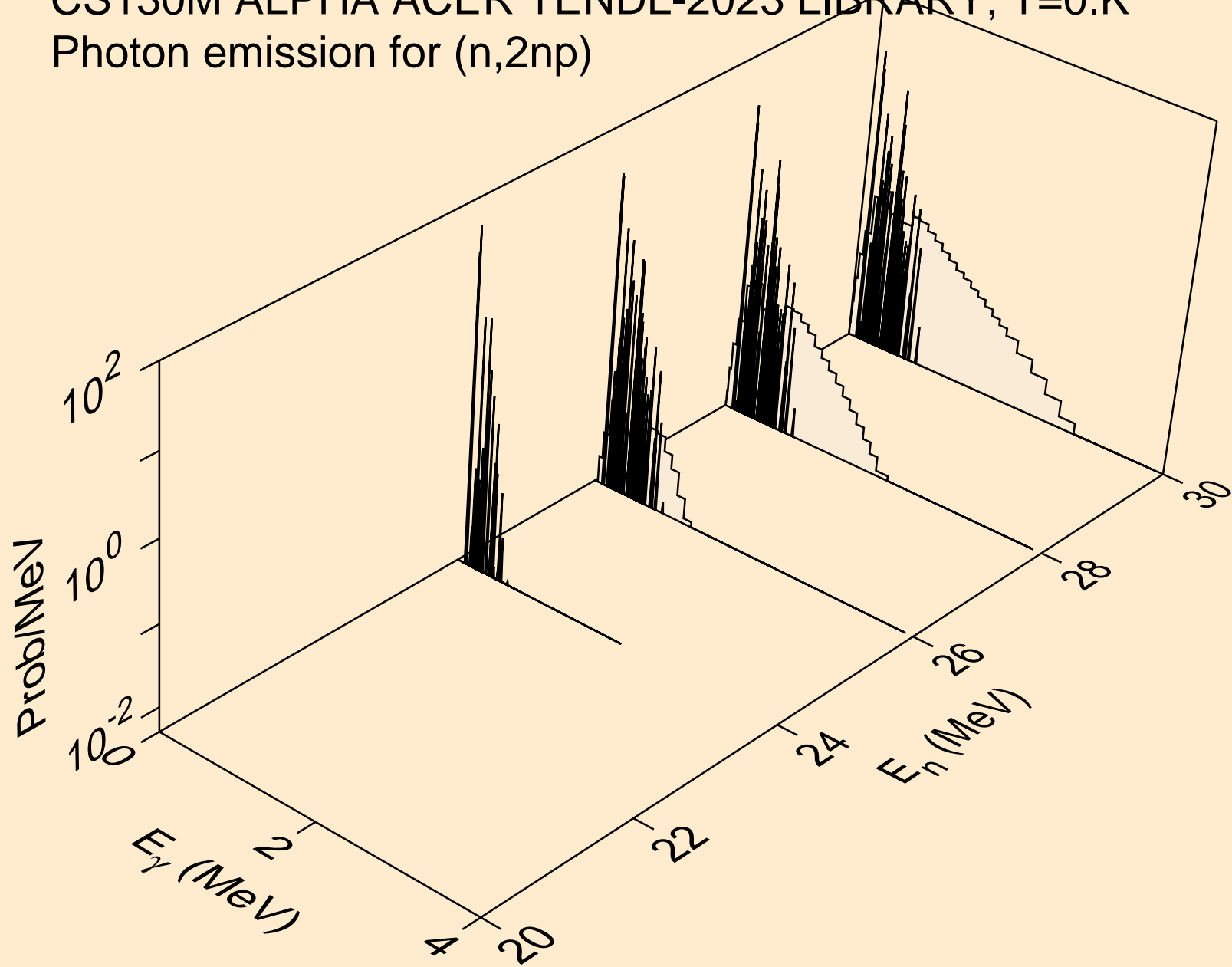




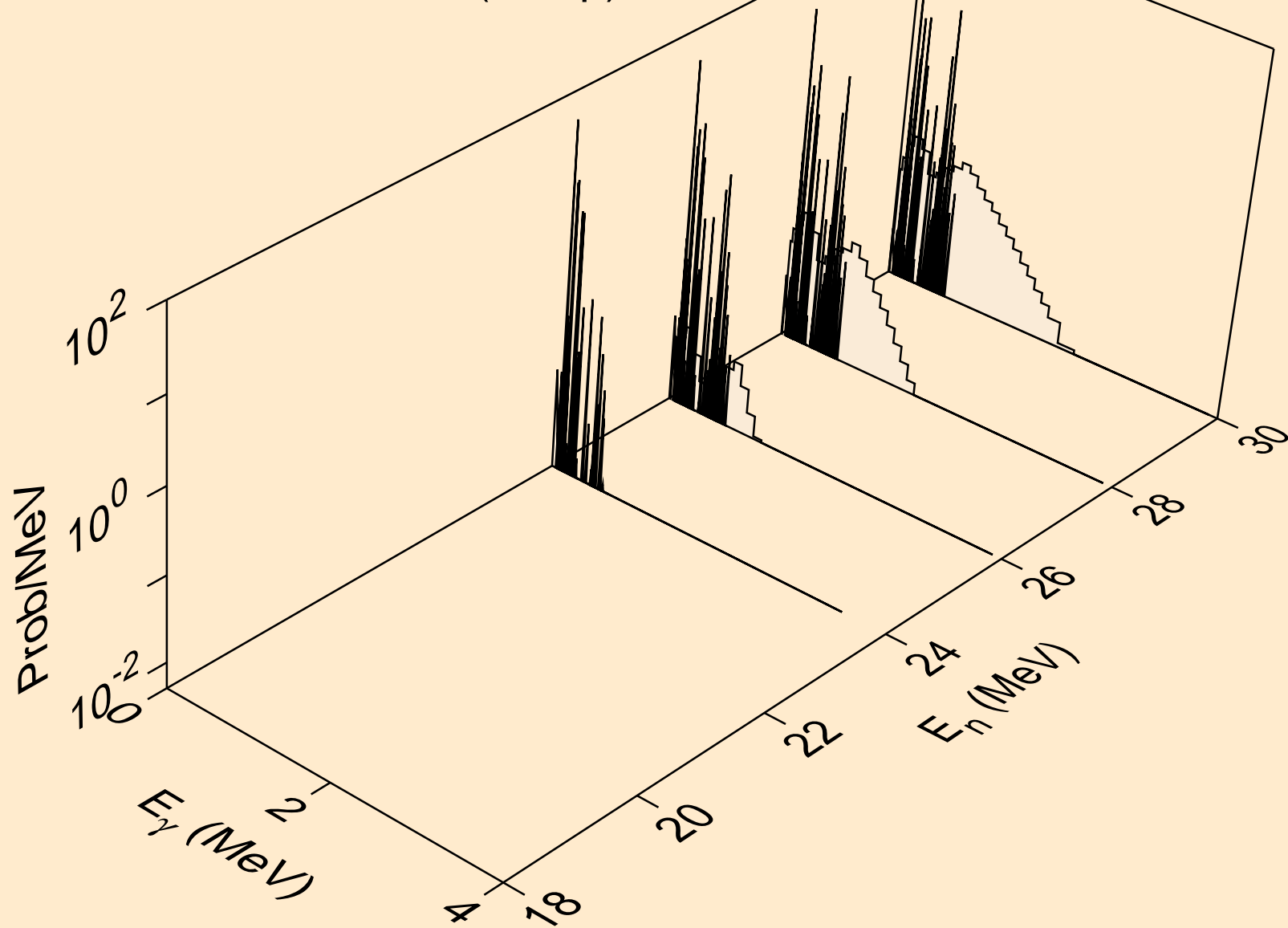
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



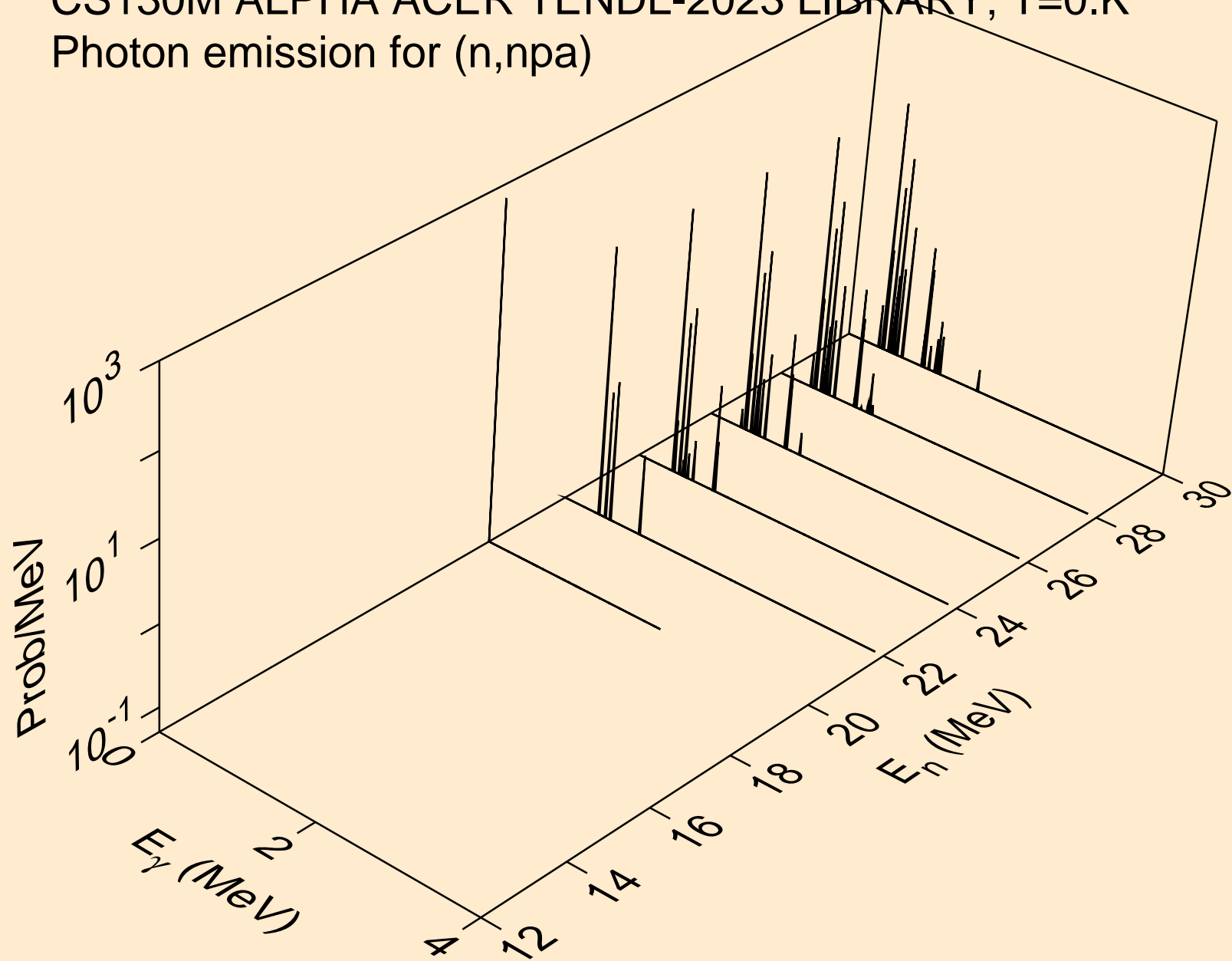
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Photon emission for (n,2np)



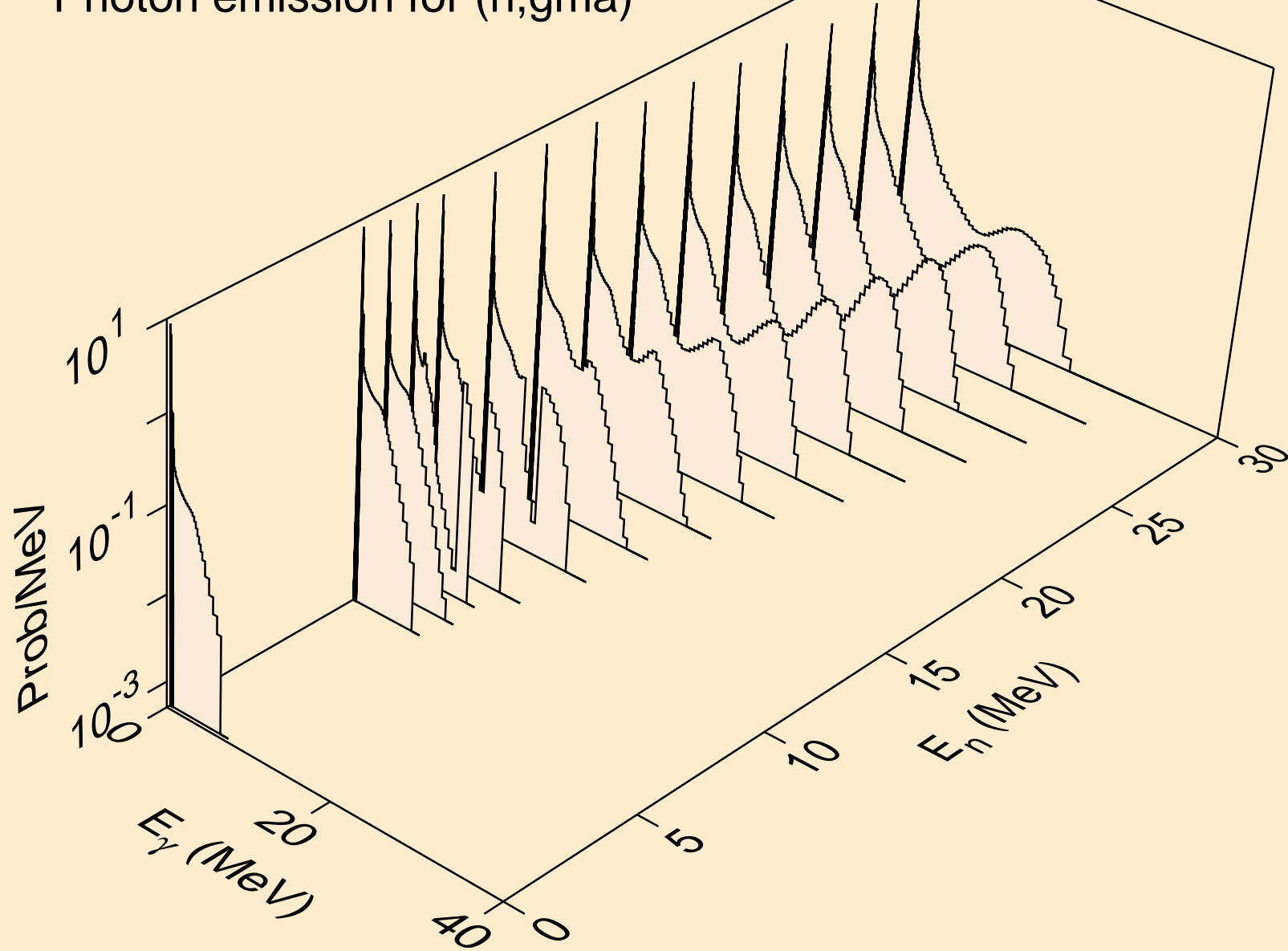
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



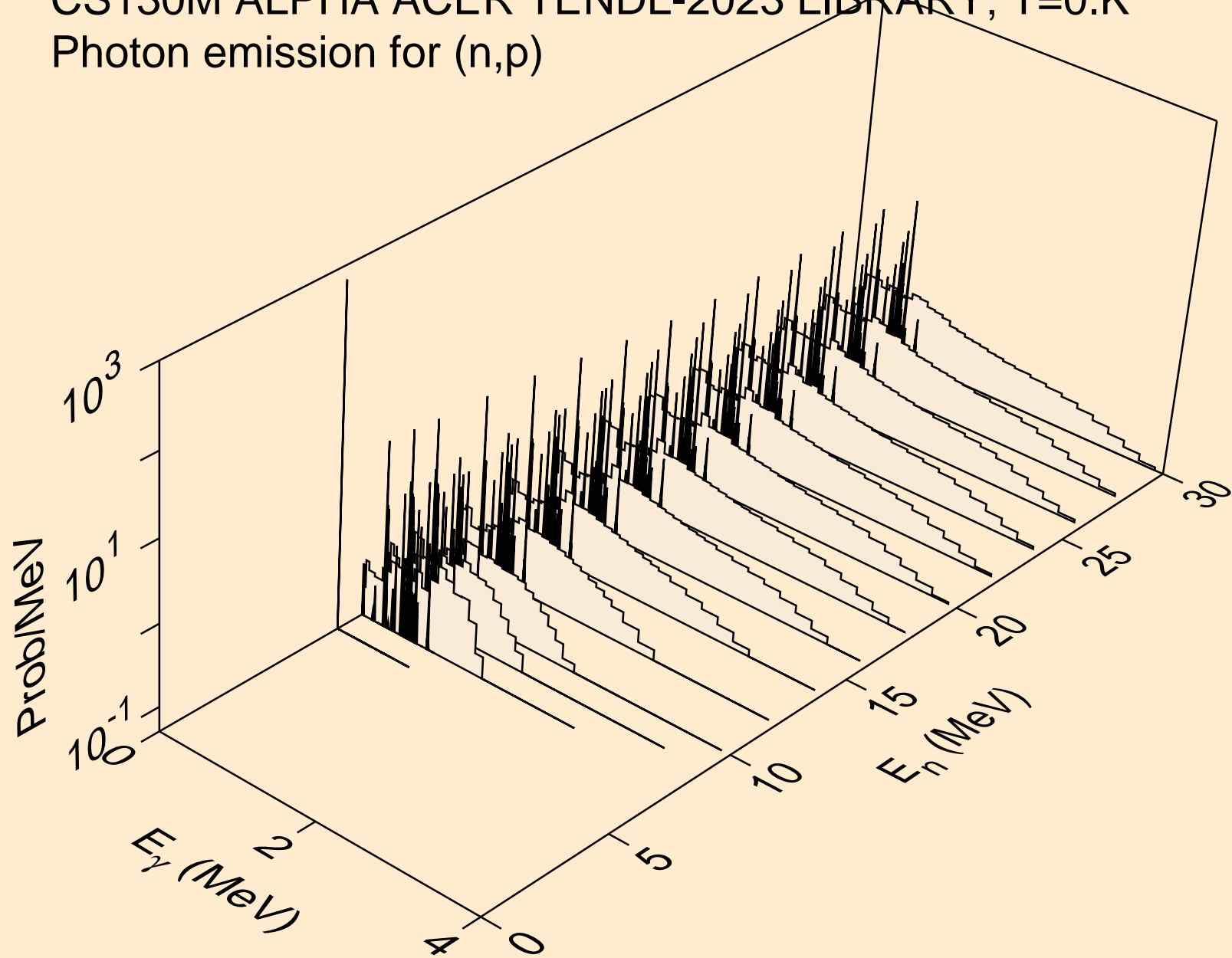
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Photon emission for (n,npa)



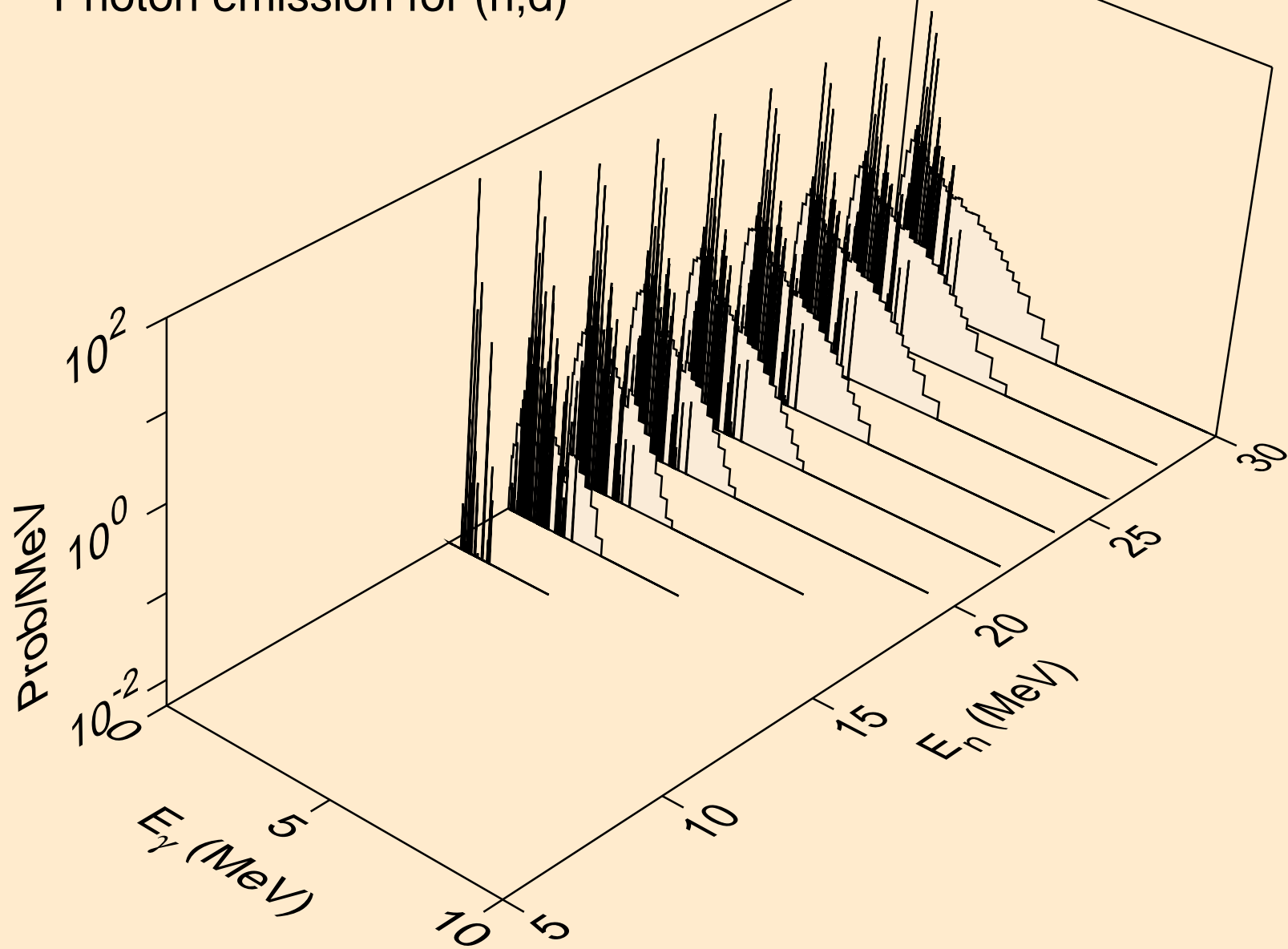
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Photon emission for (n,gma)



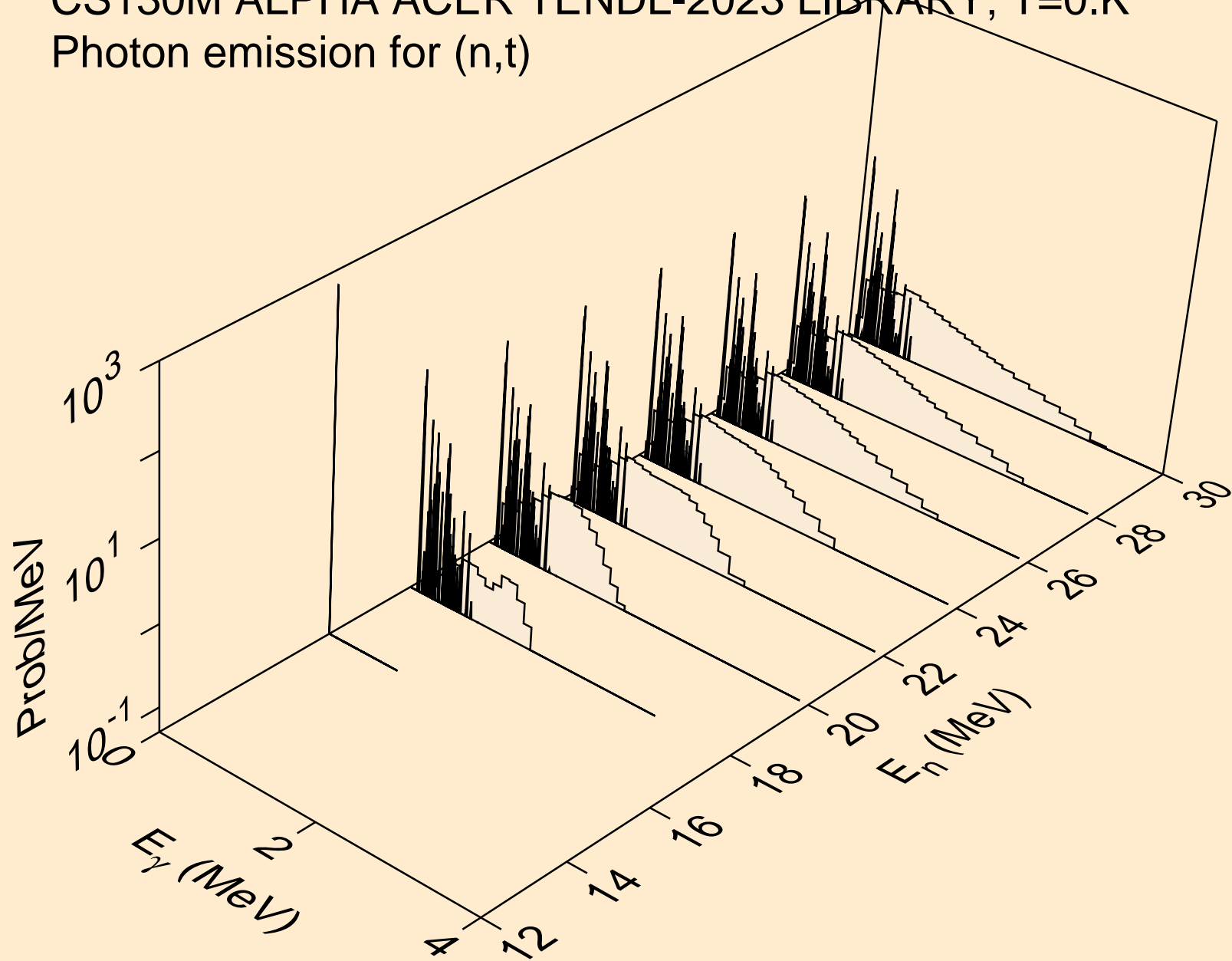
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

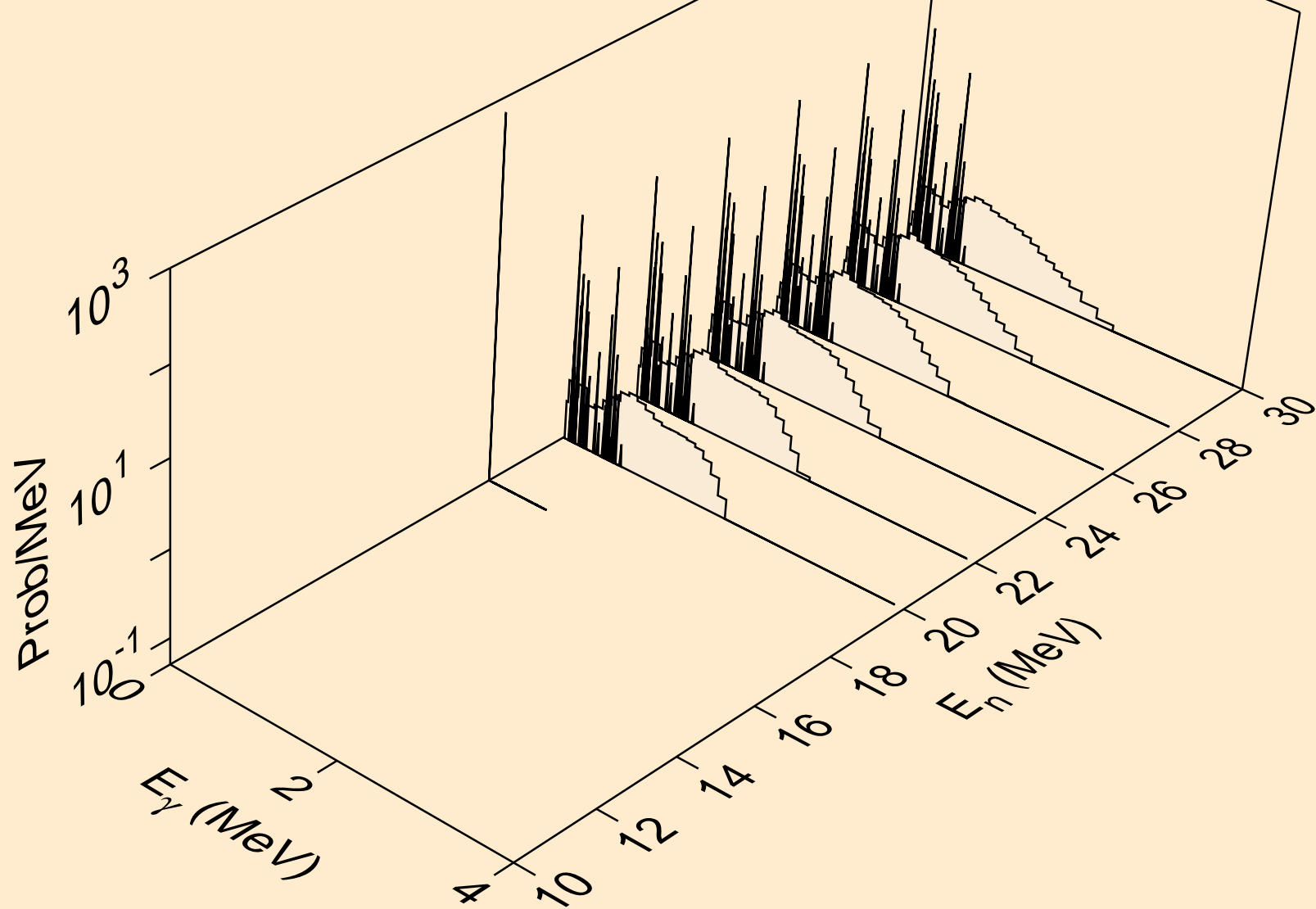


CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

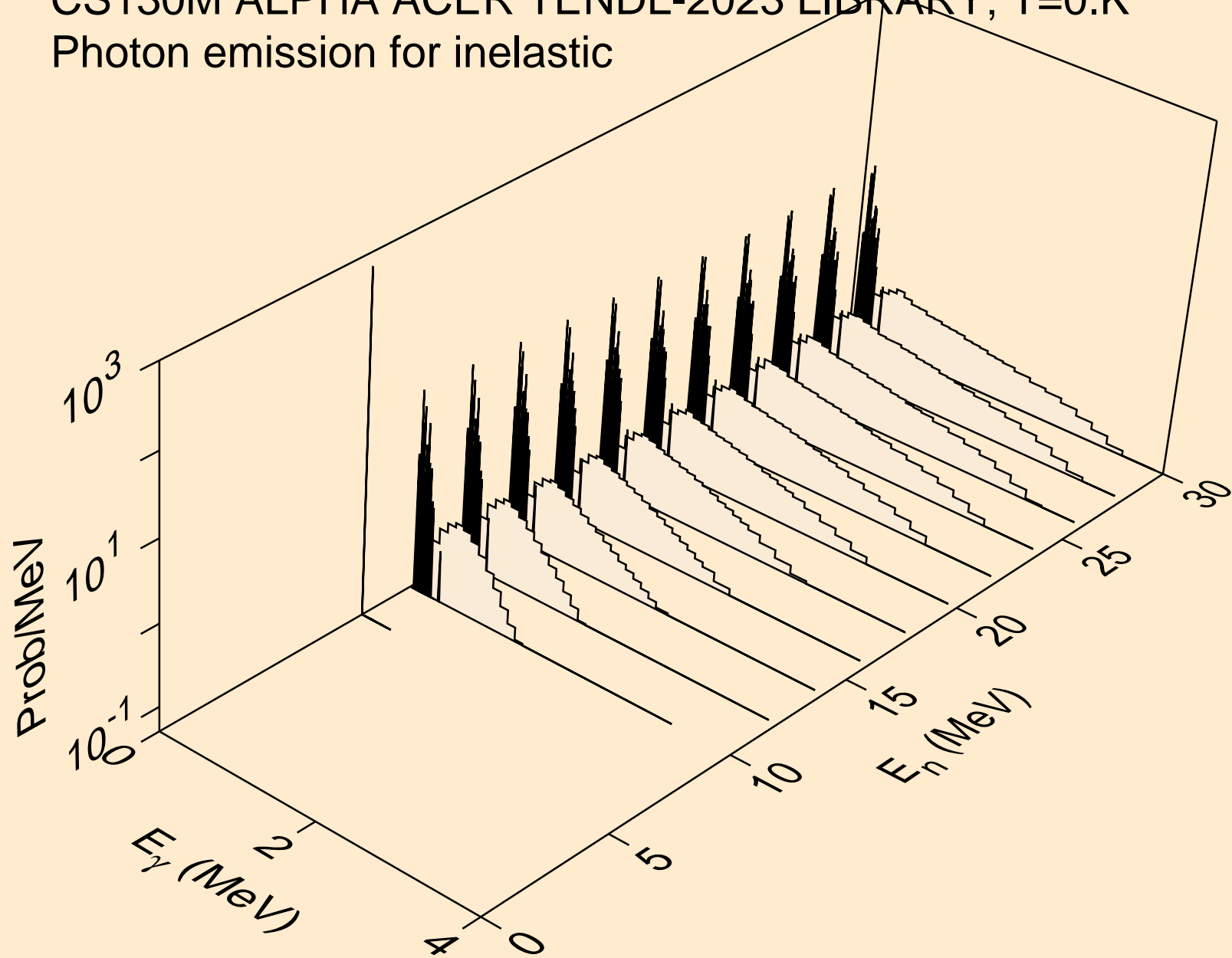




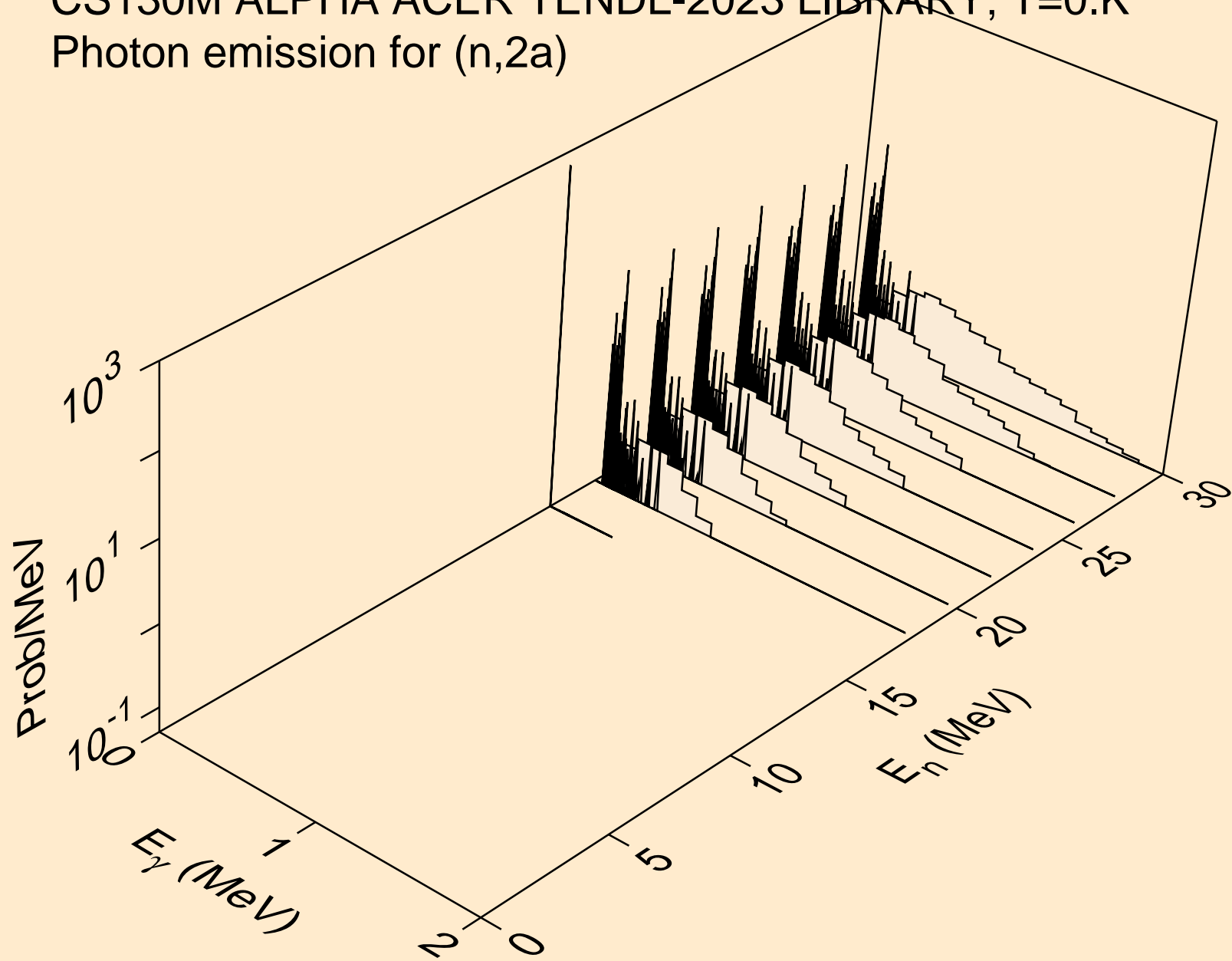
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Photon emission for (n,he3)



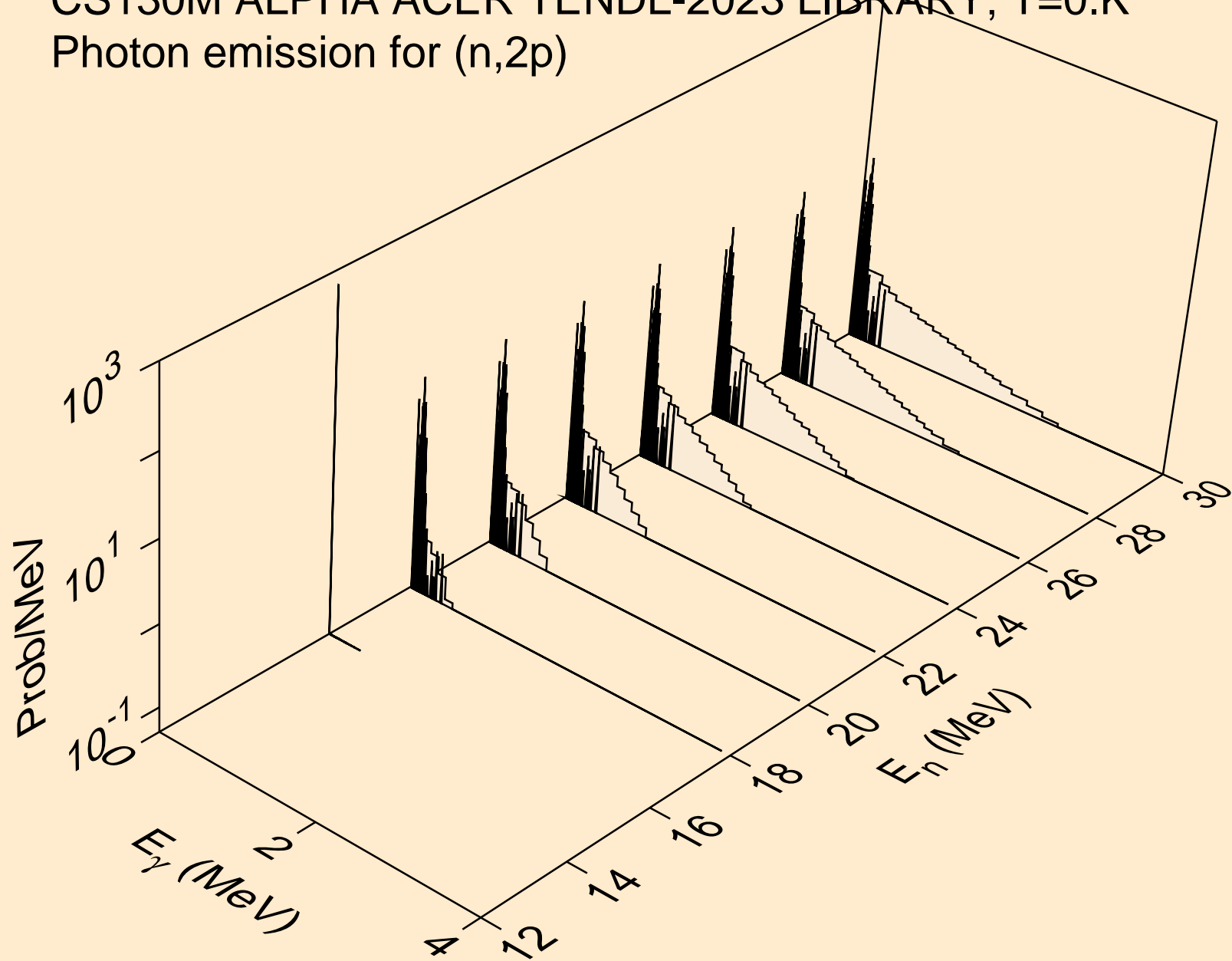
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



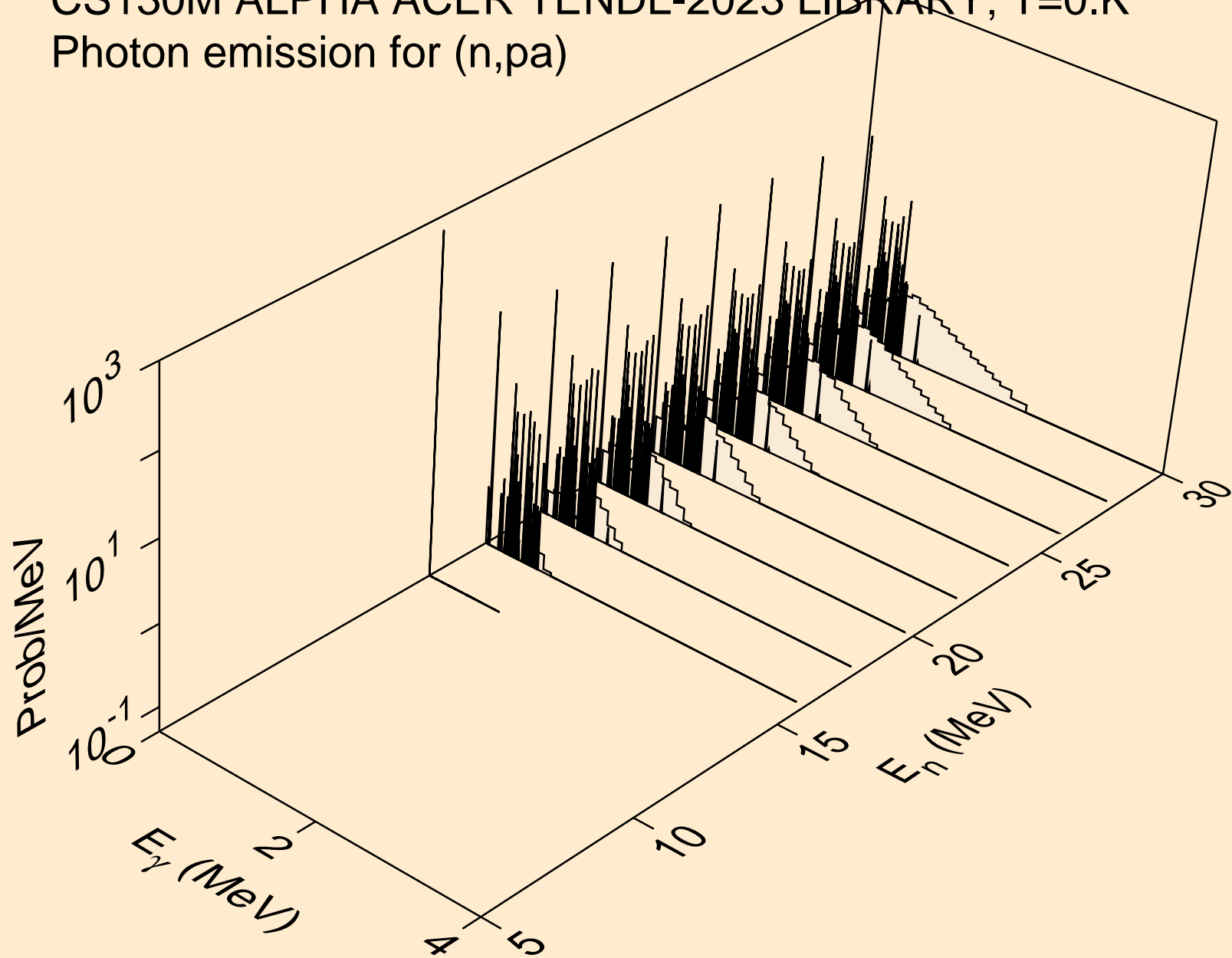
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Photon emission for (n,2a)



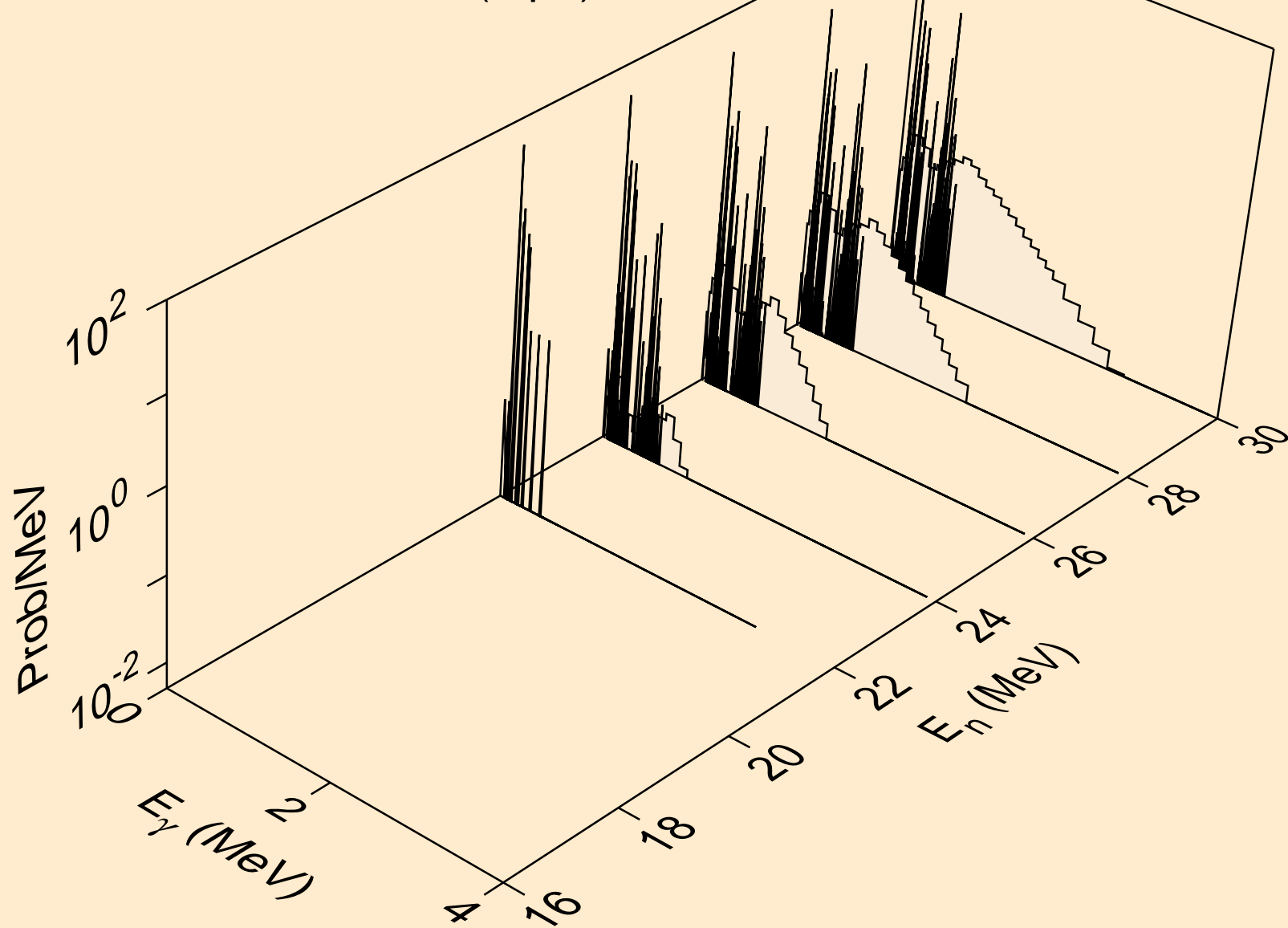
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Photon emission for (n,2p)



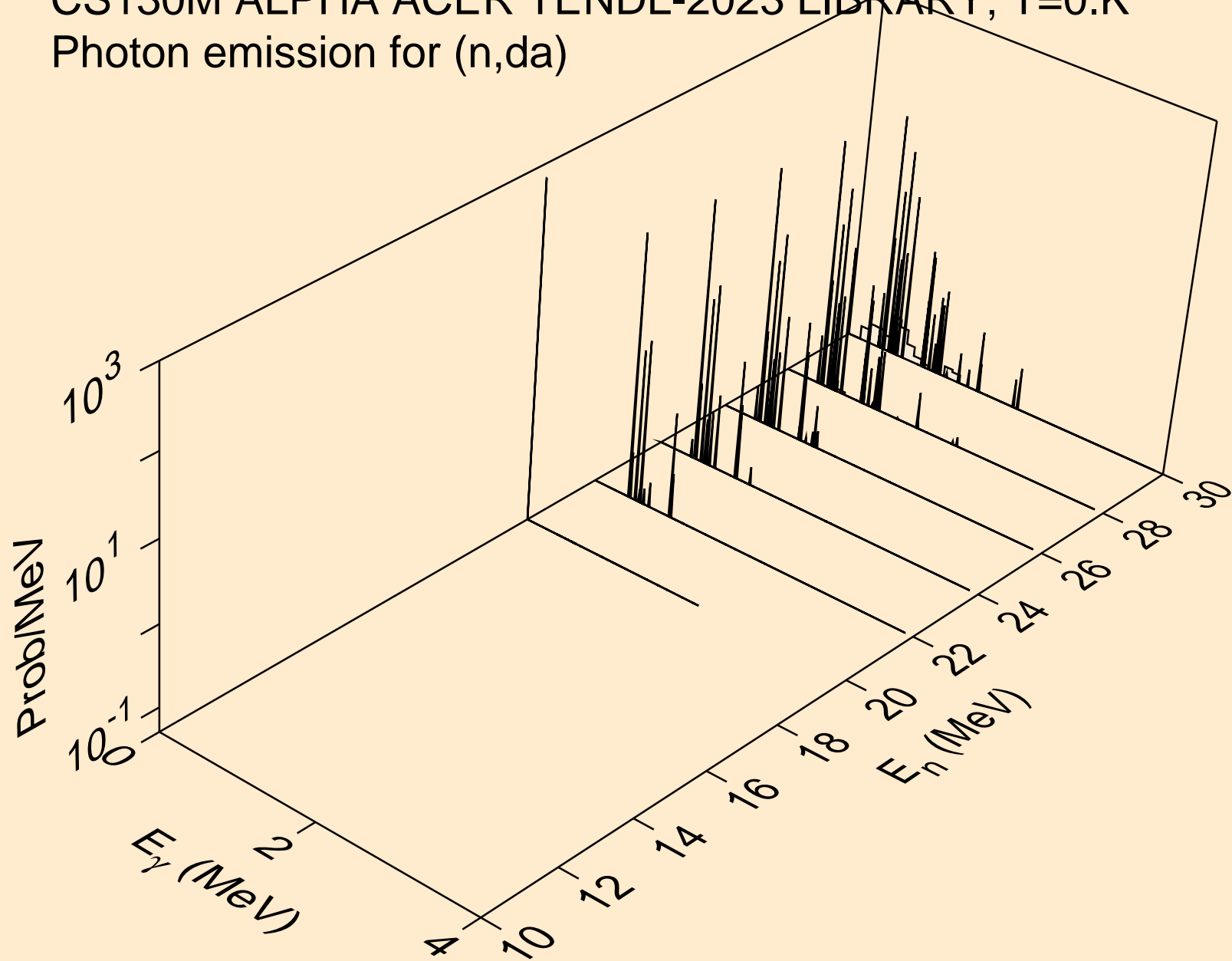
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



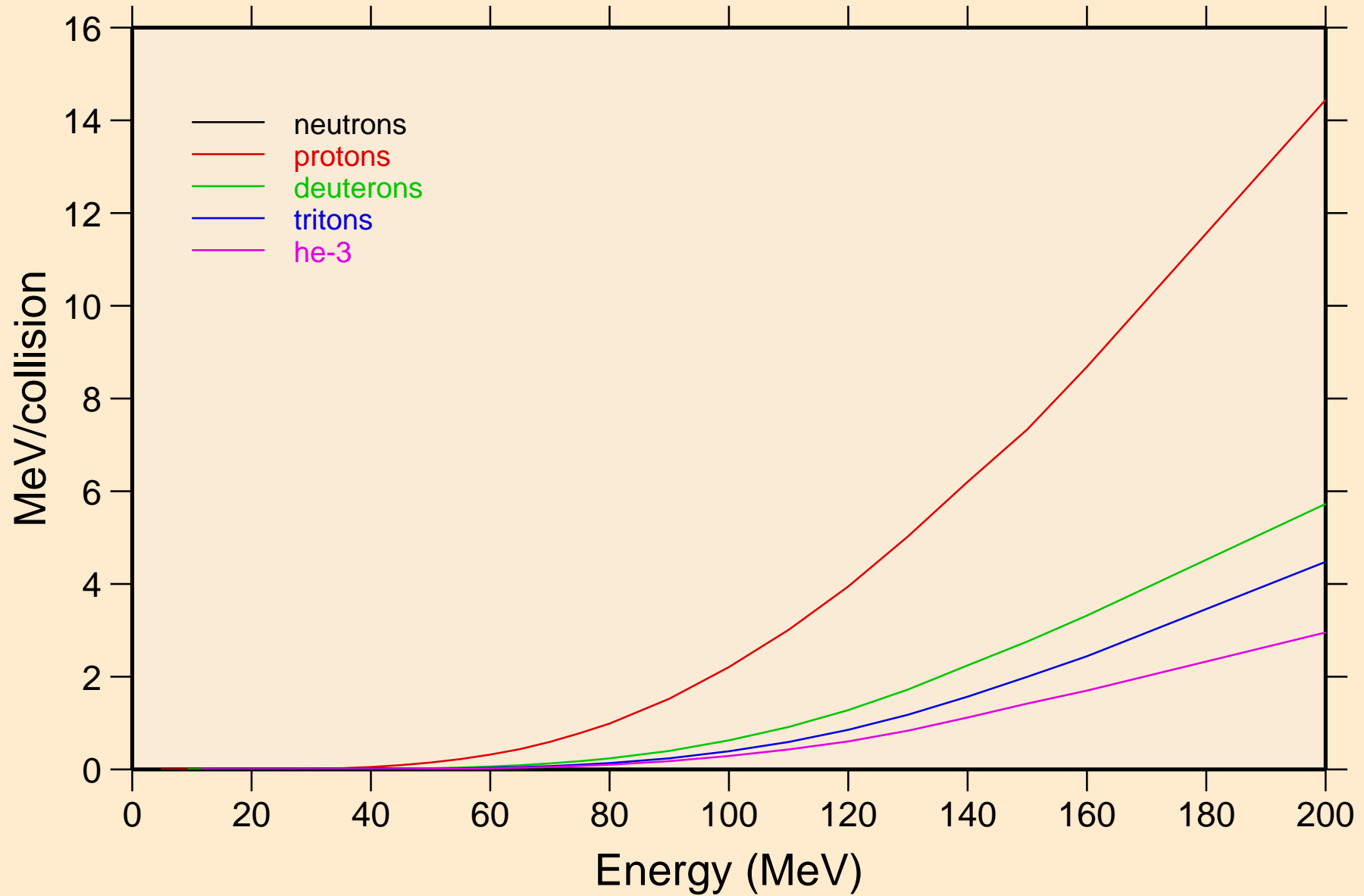
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



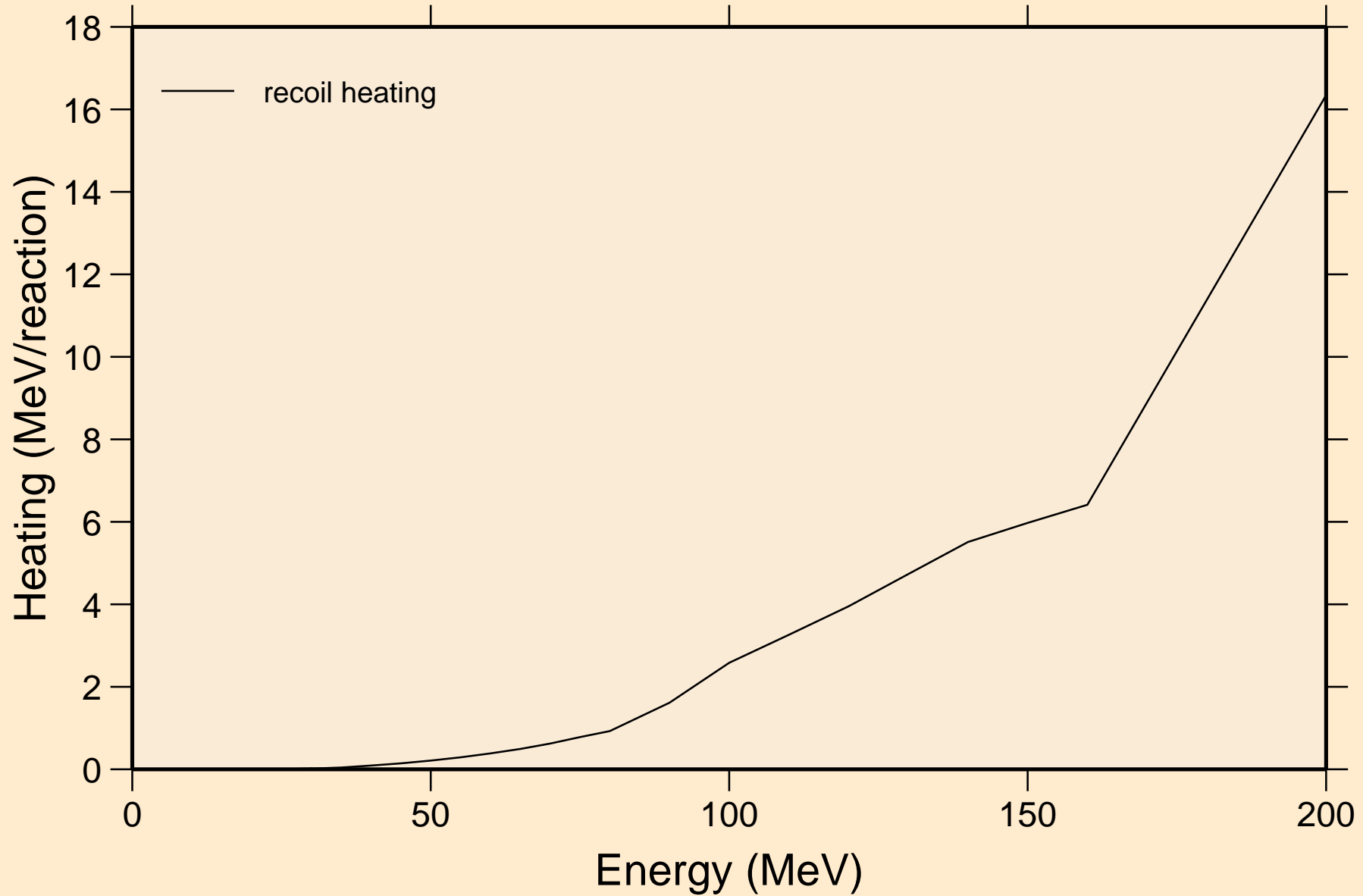
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



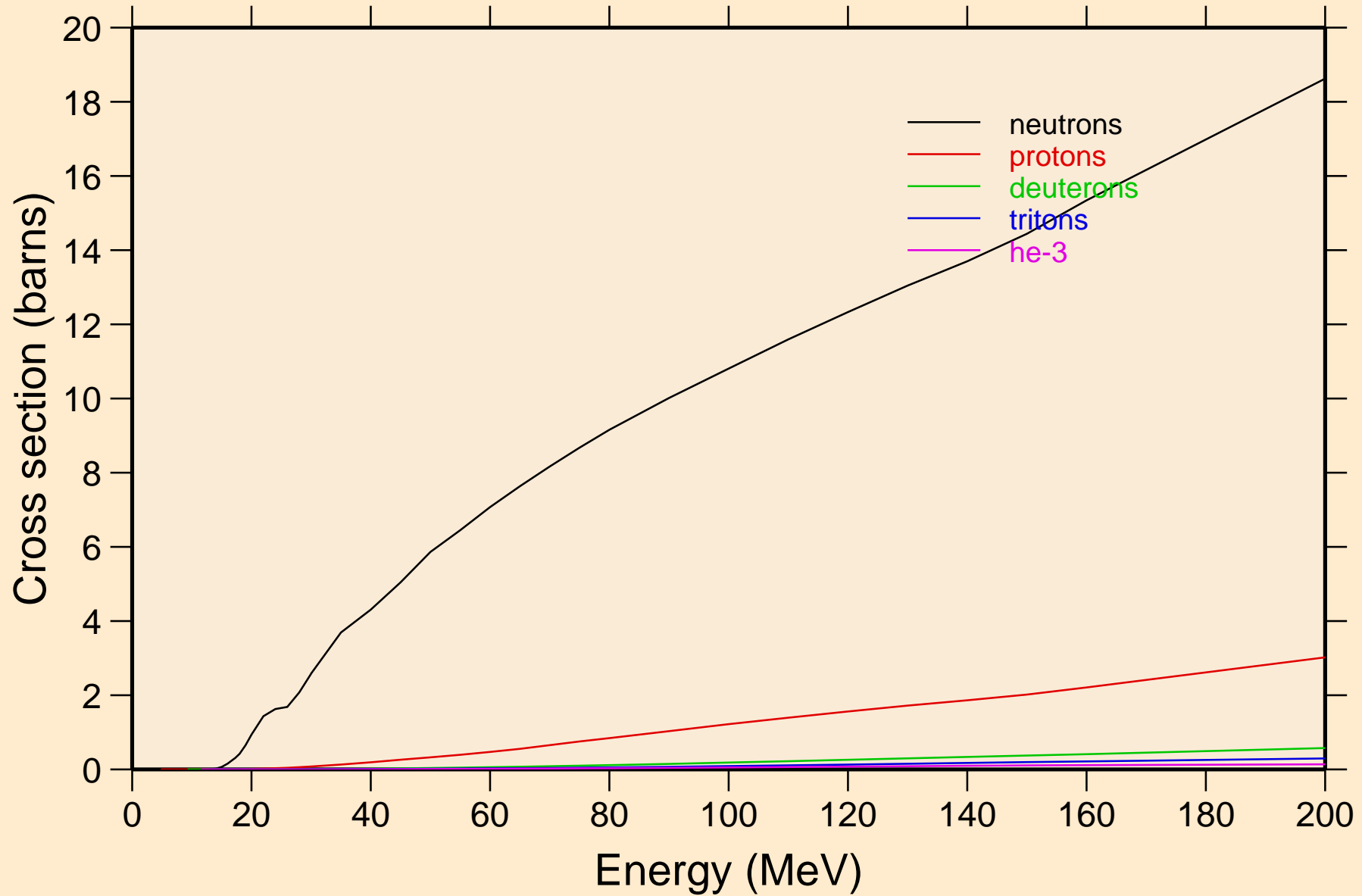


# CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

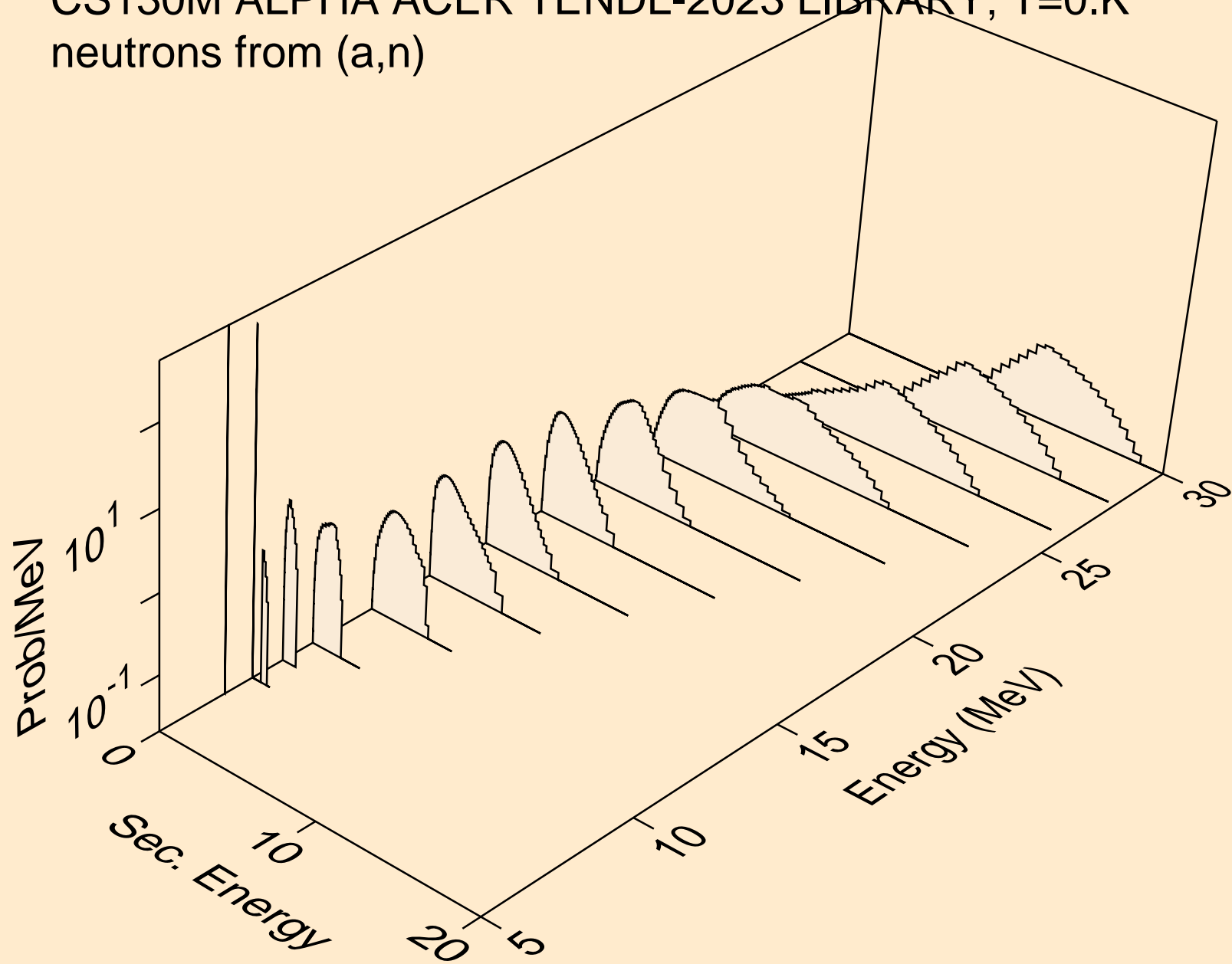
## Recoil Heating



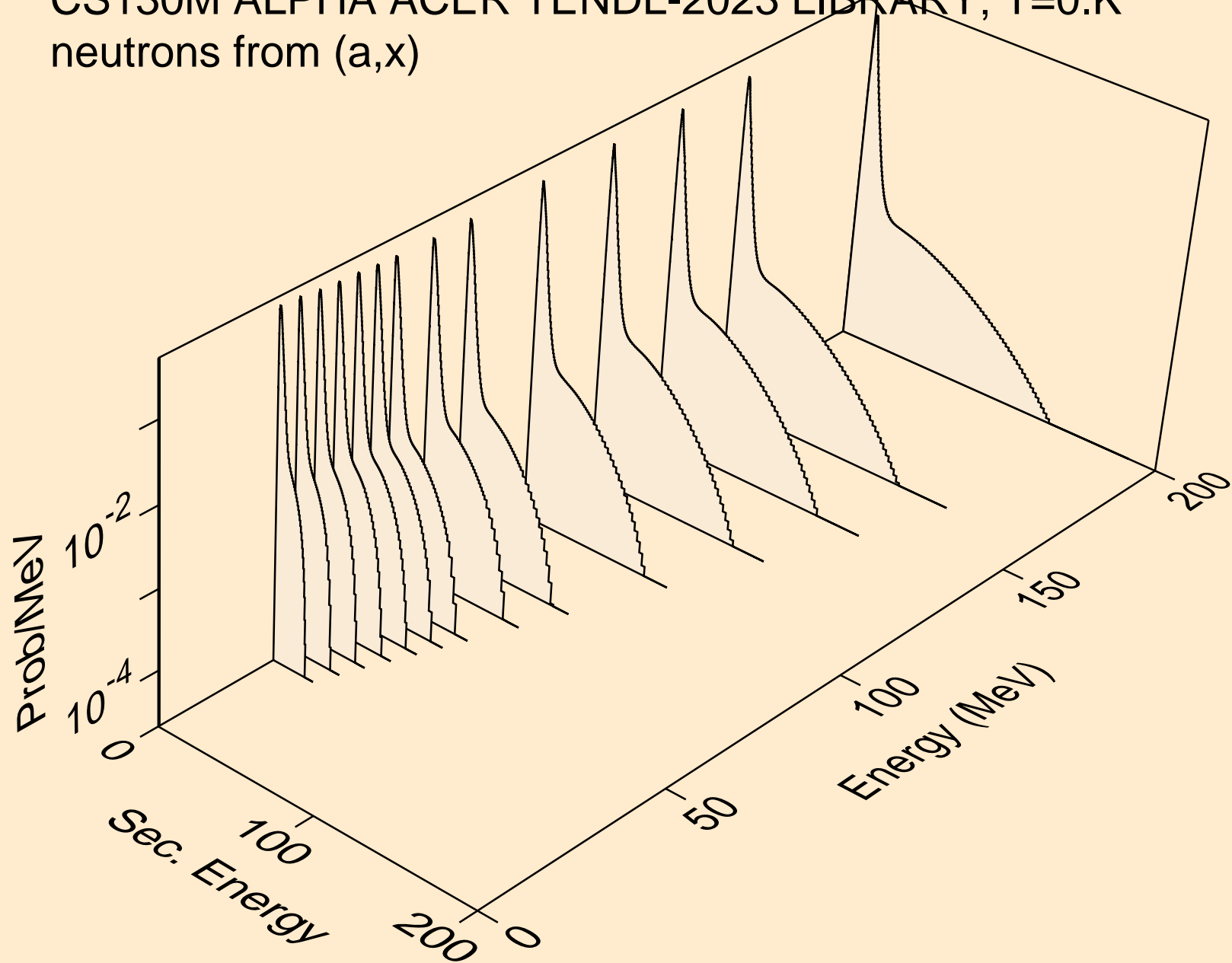
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



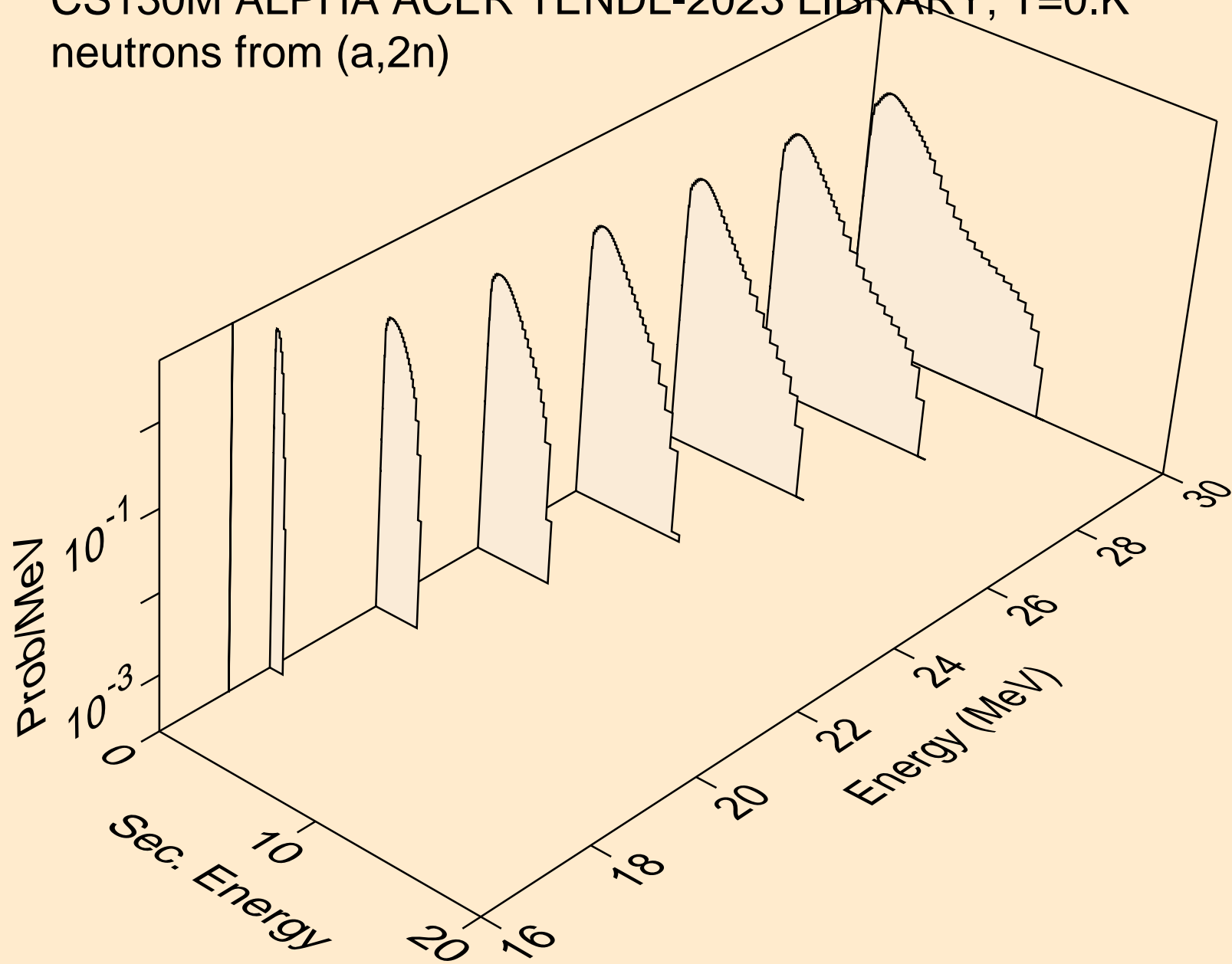
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



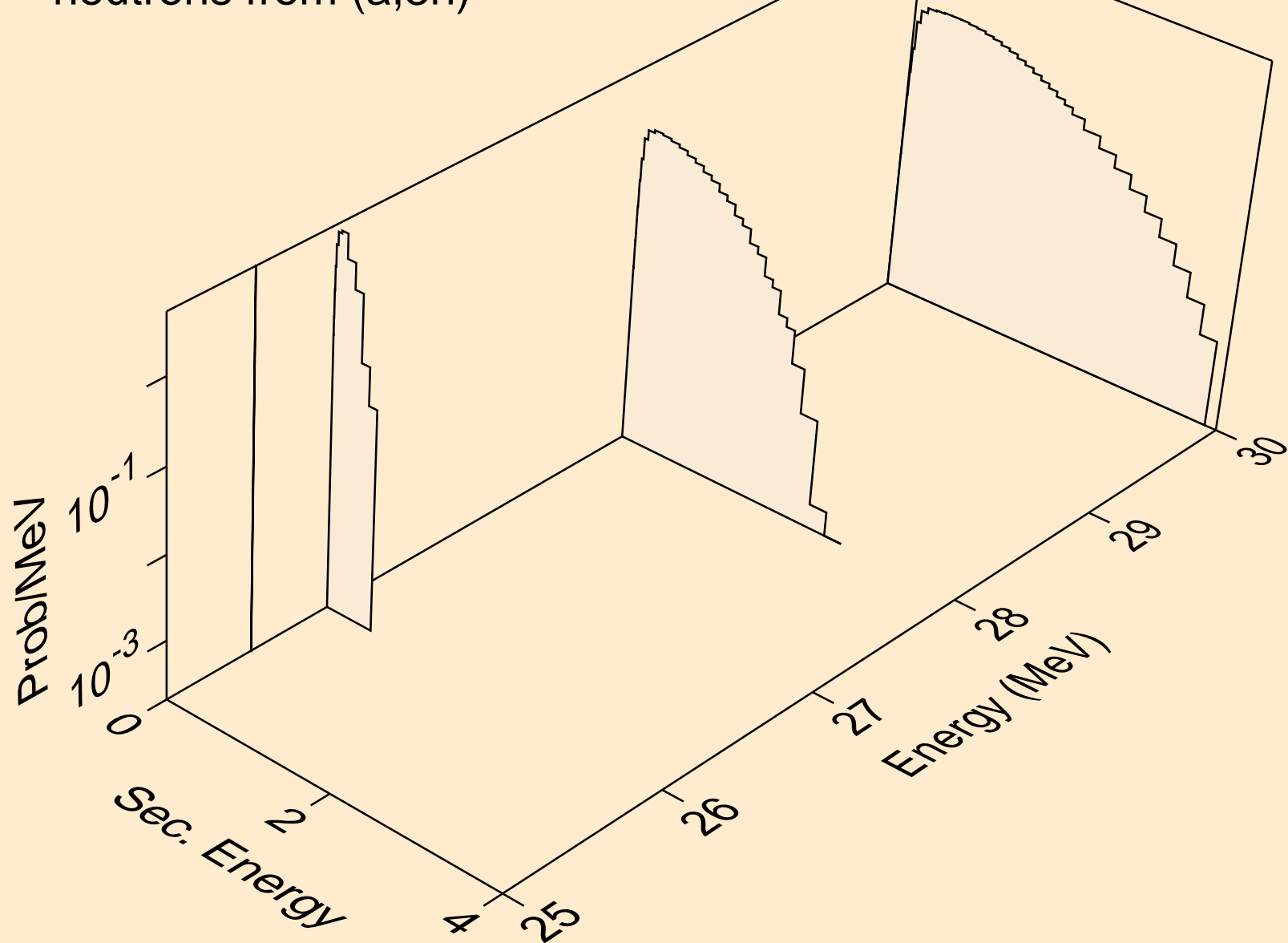
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



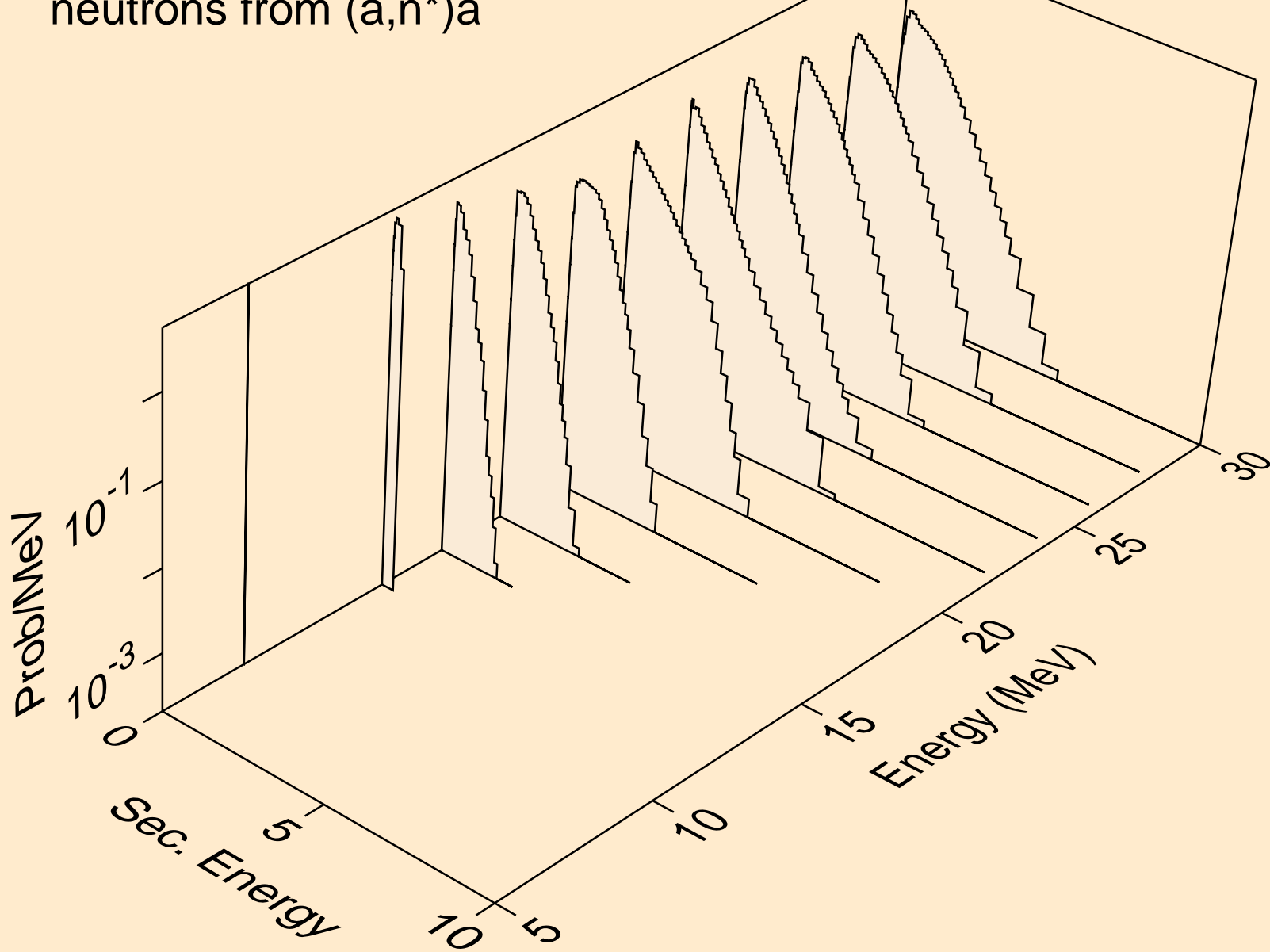
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



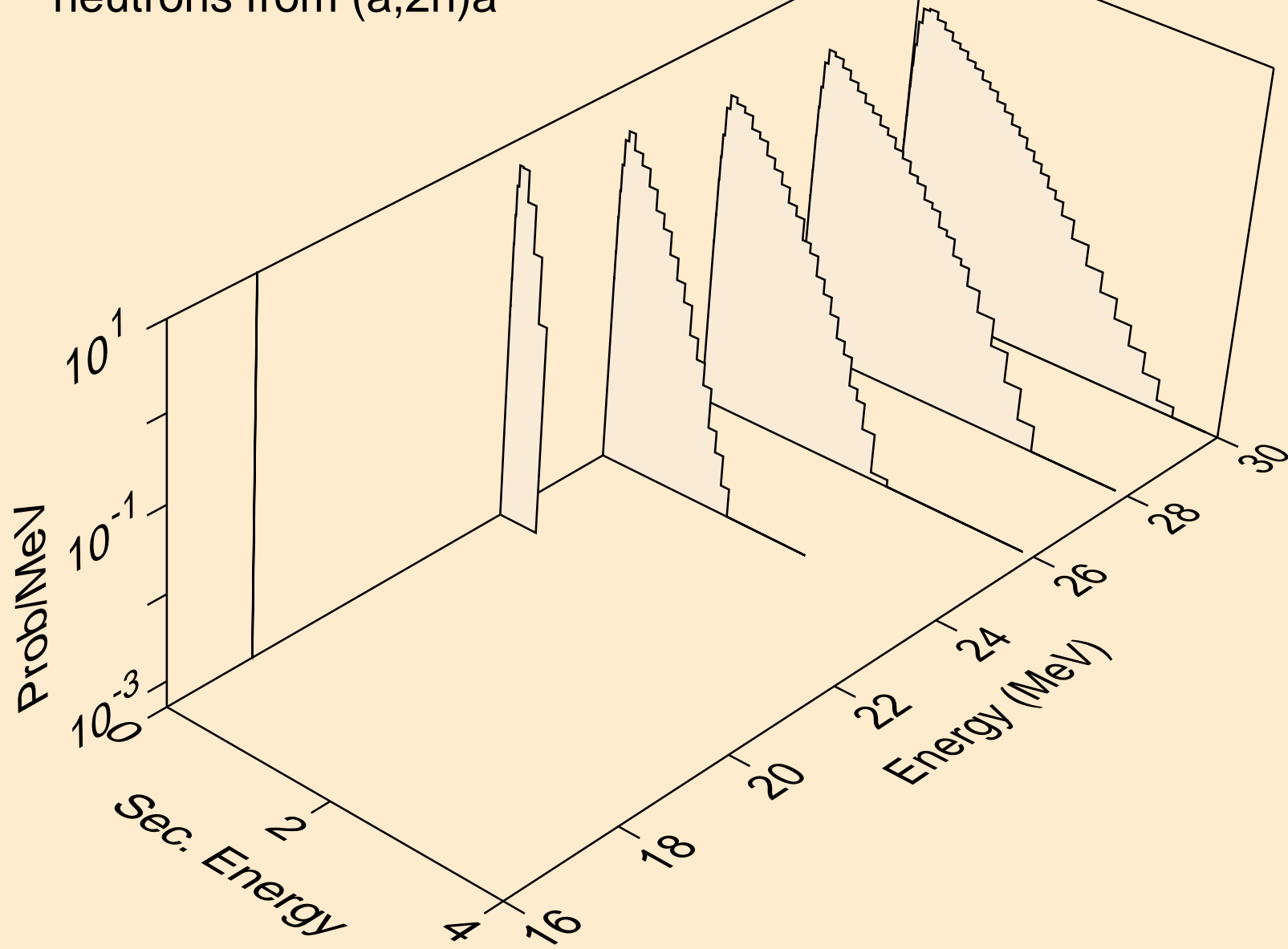
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

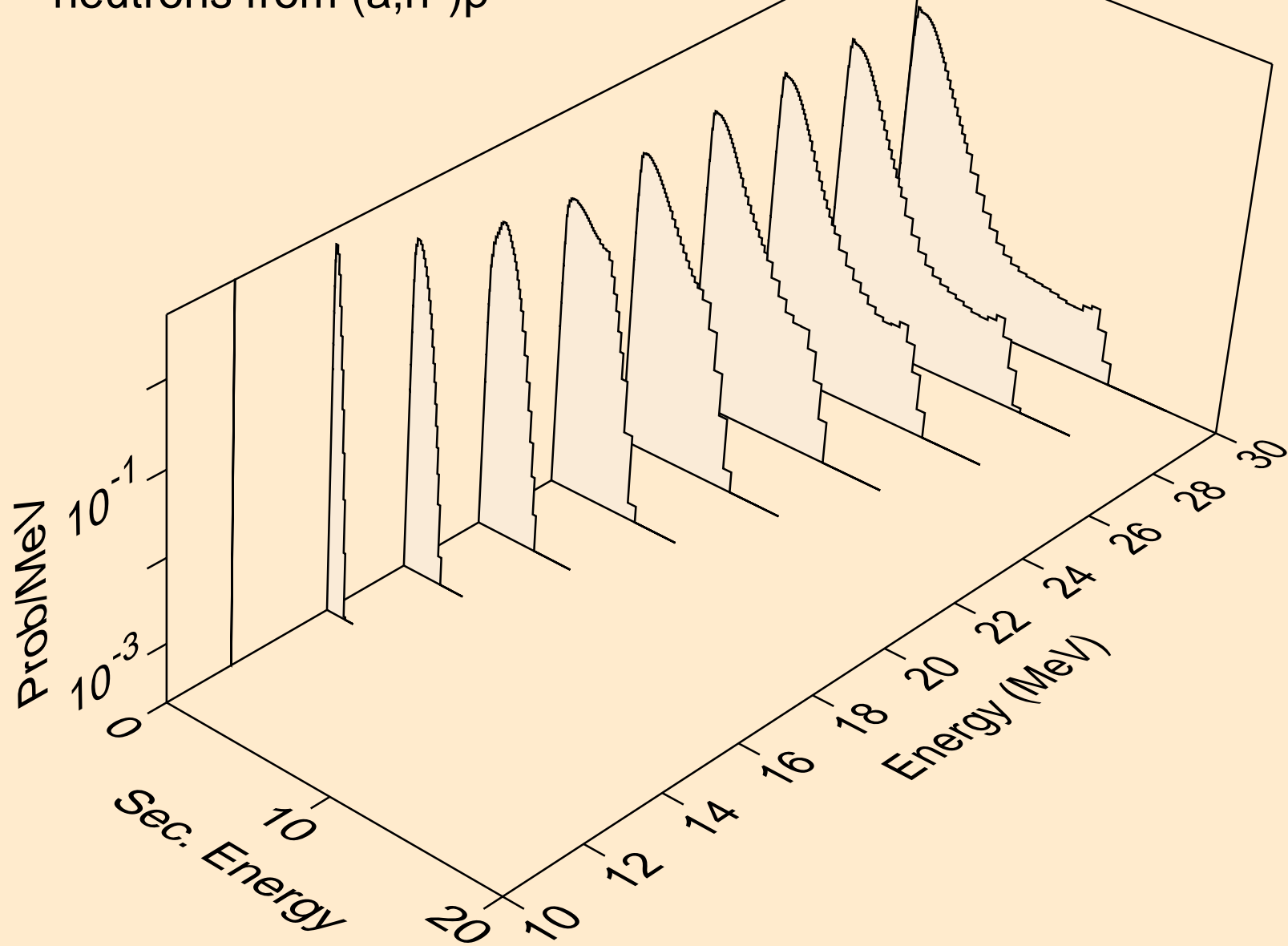


CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

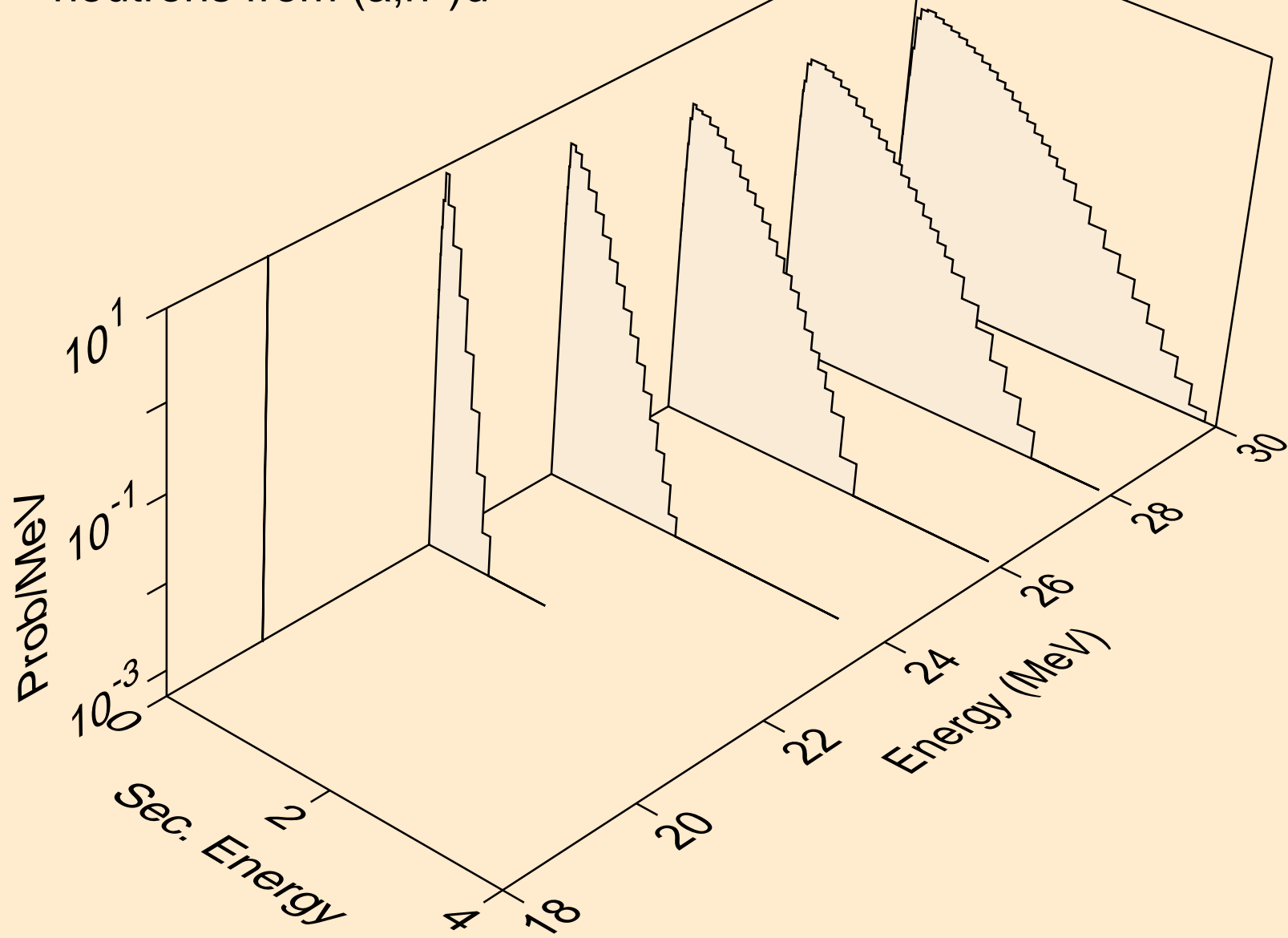




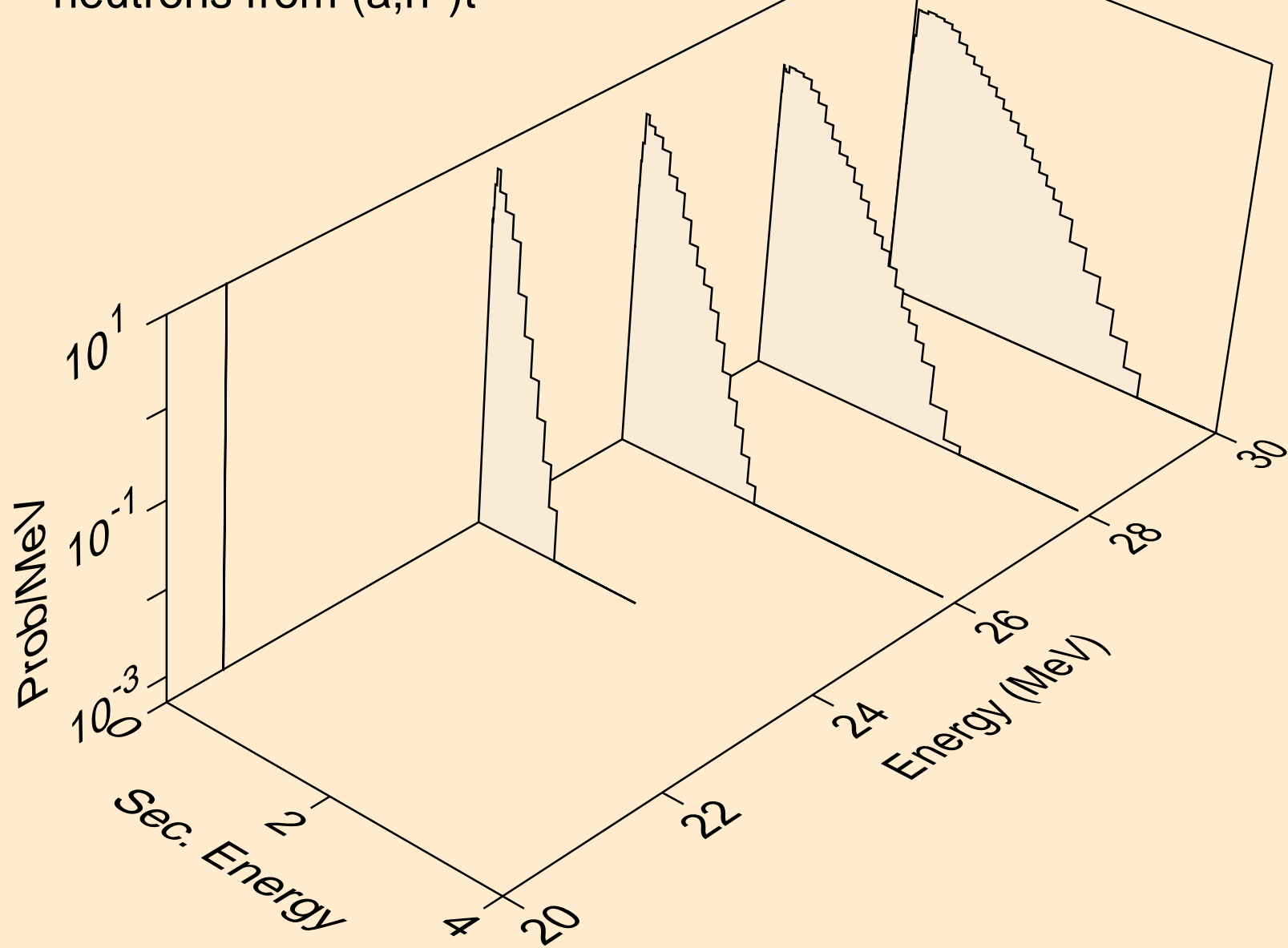
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



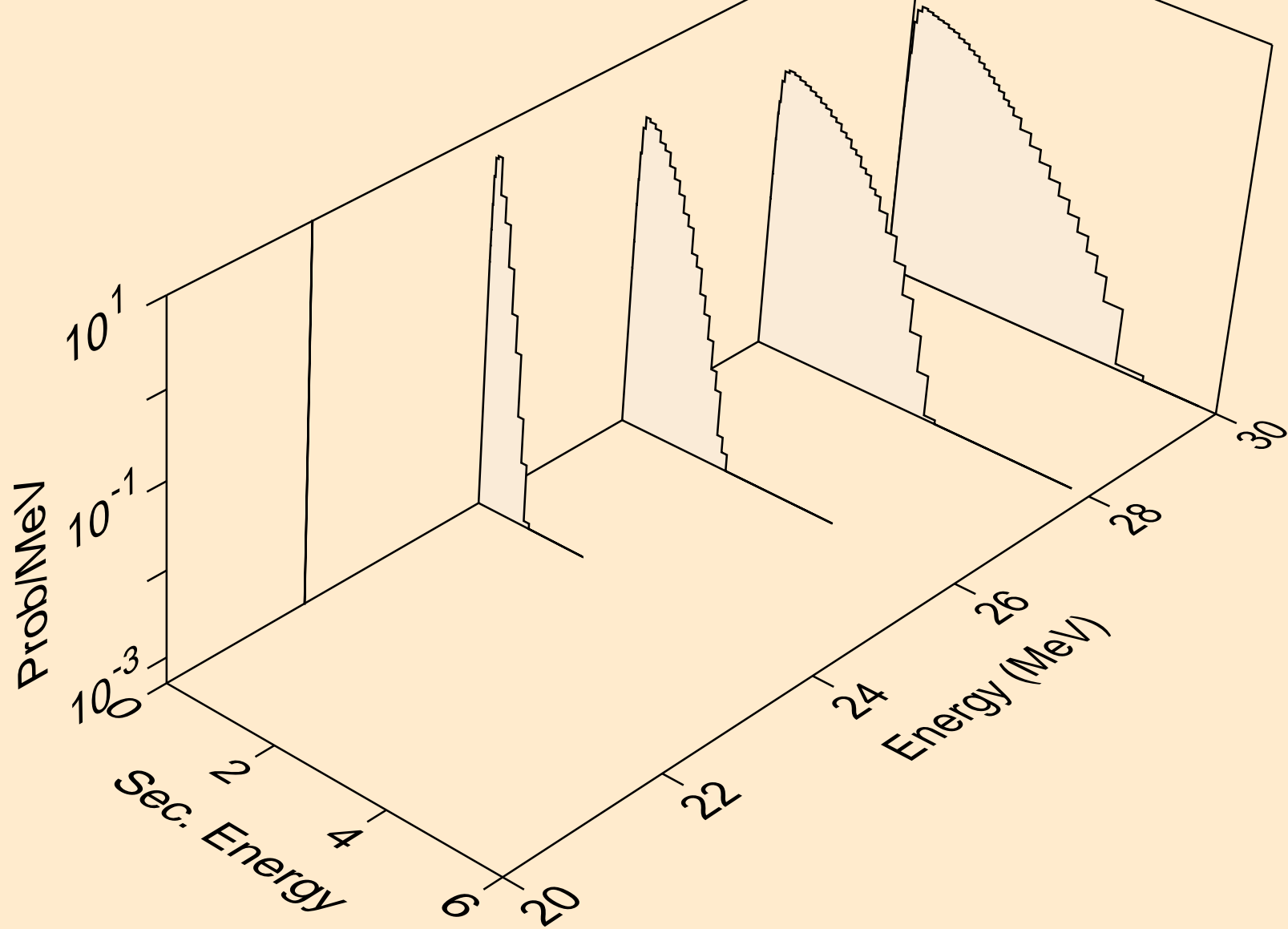
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



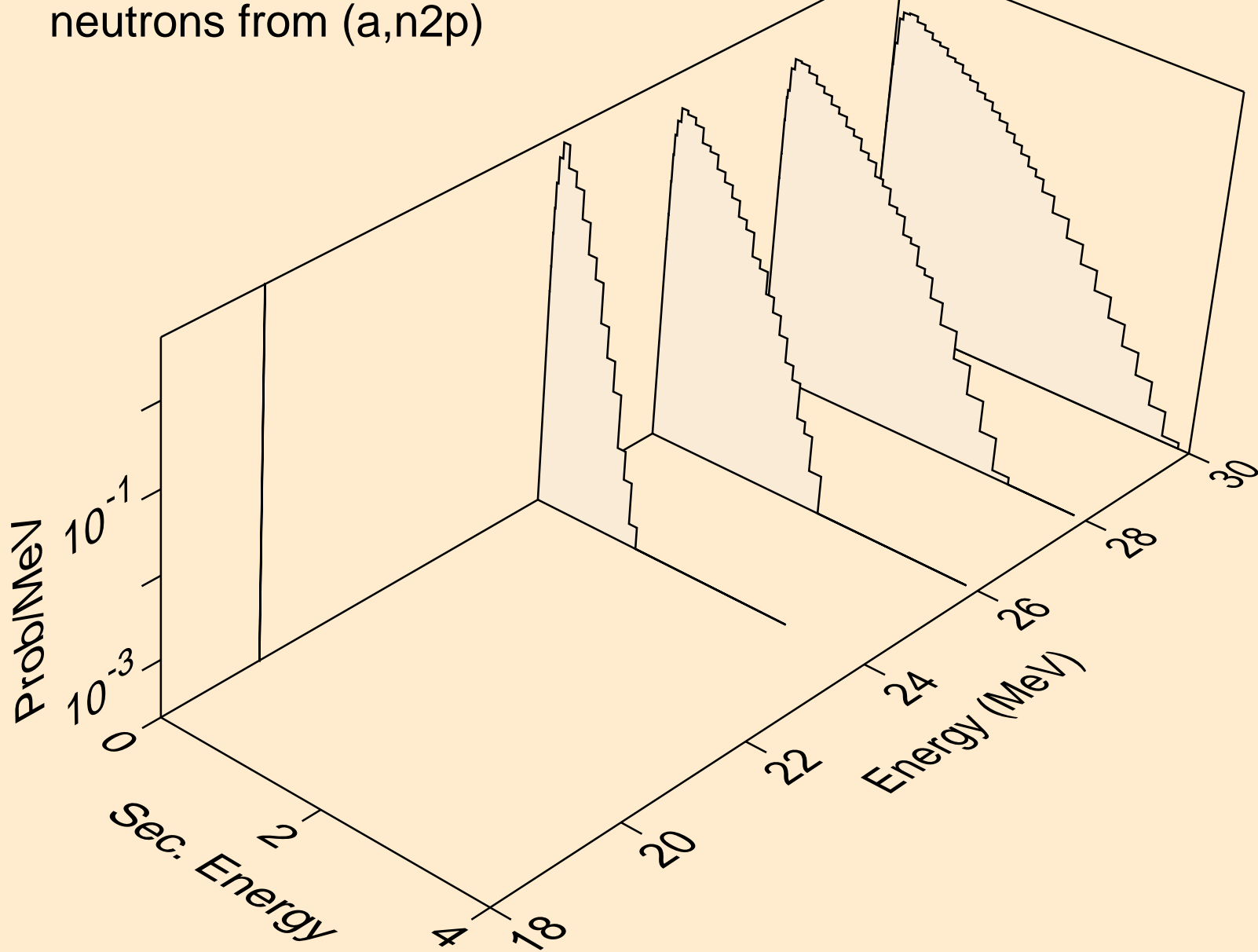
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



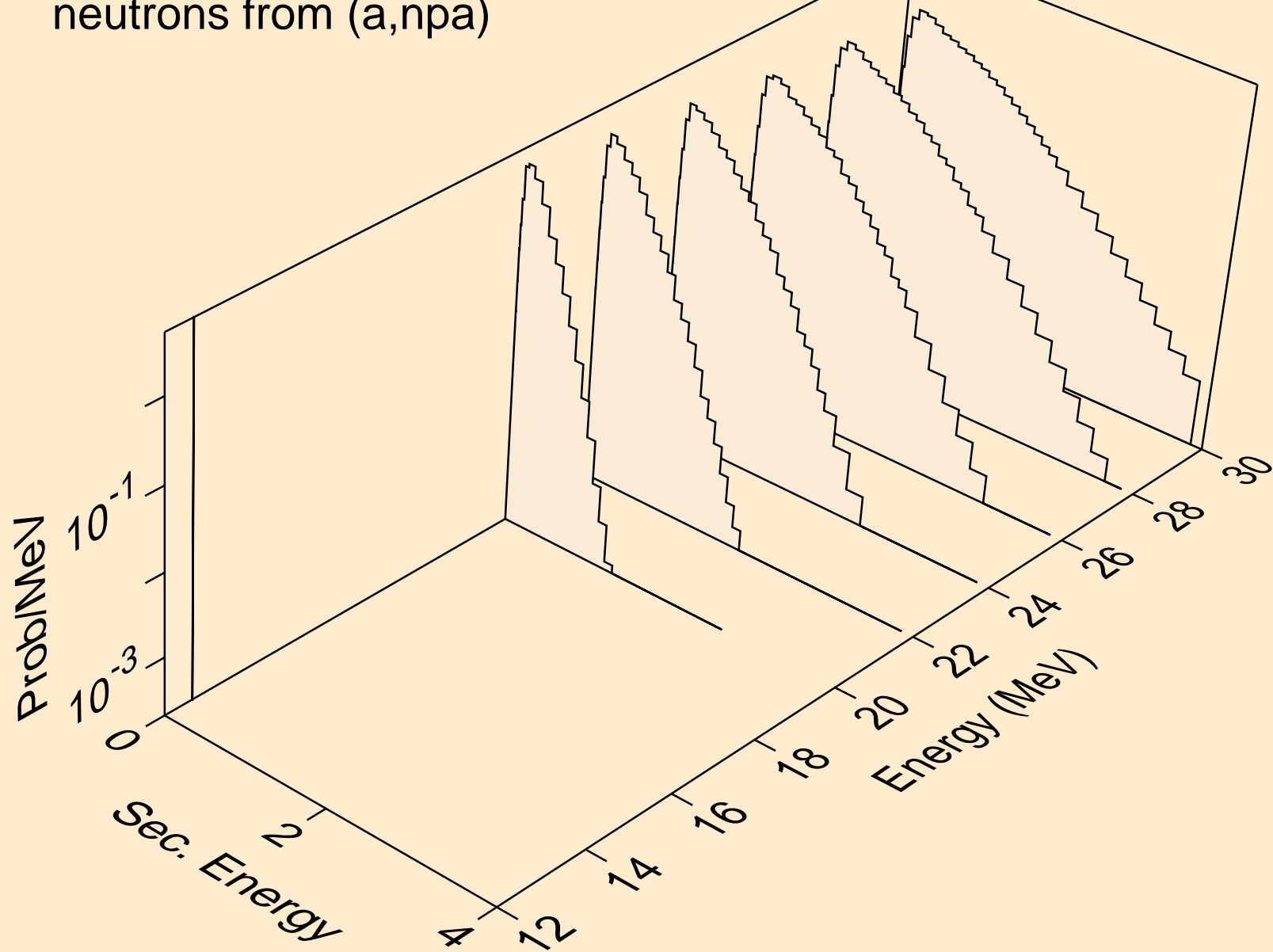
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



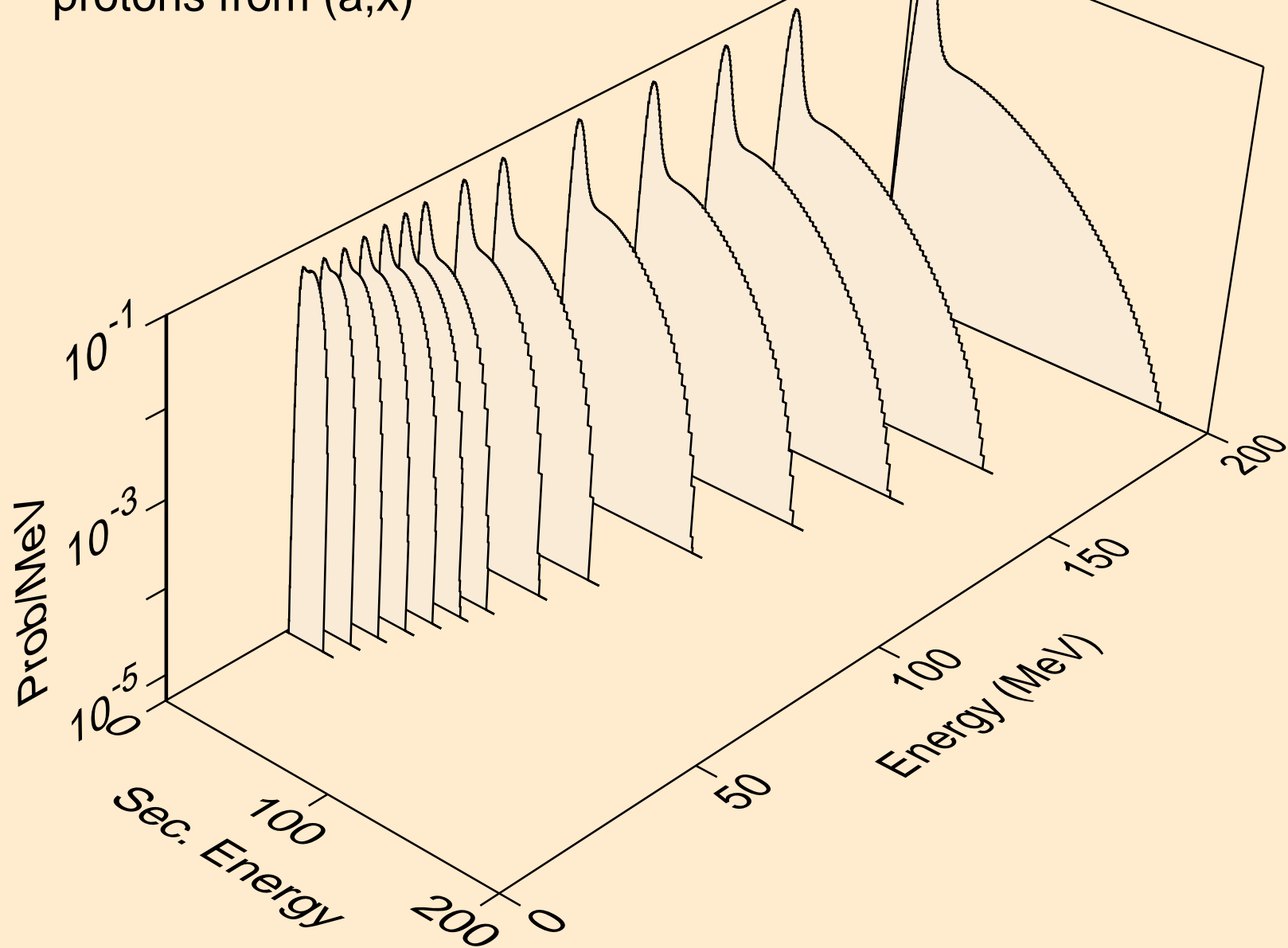
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neutrons from (a,n2p)



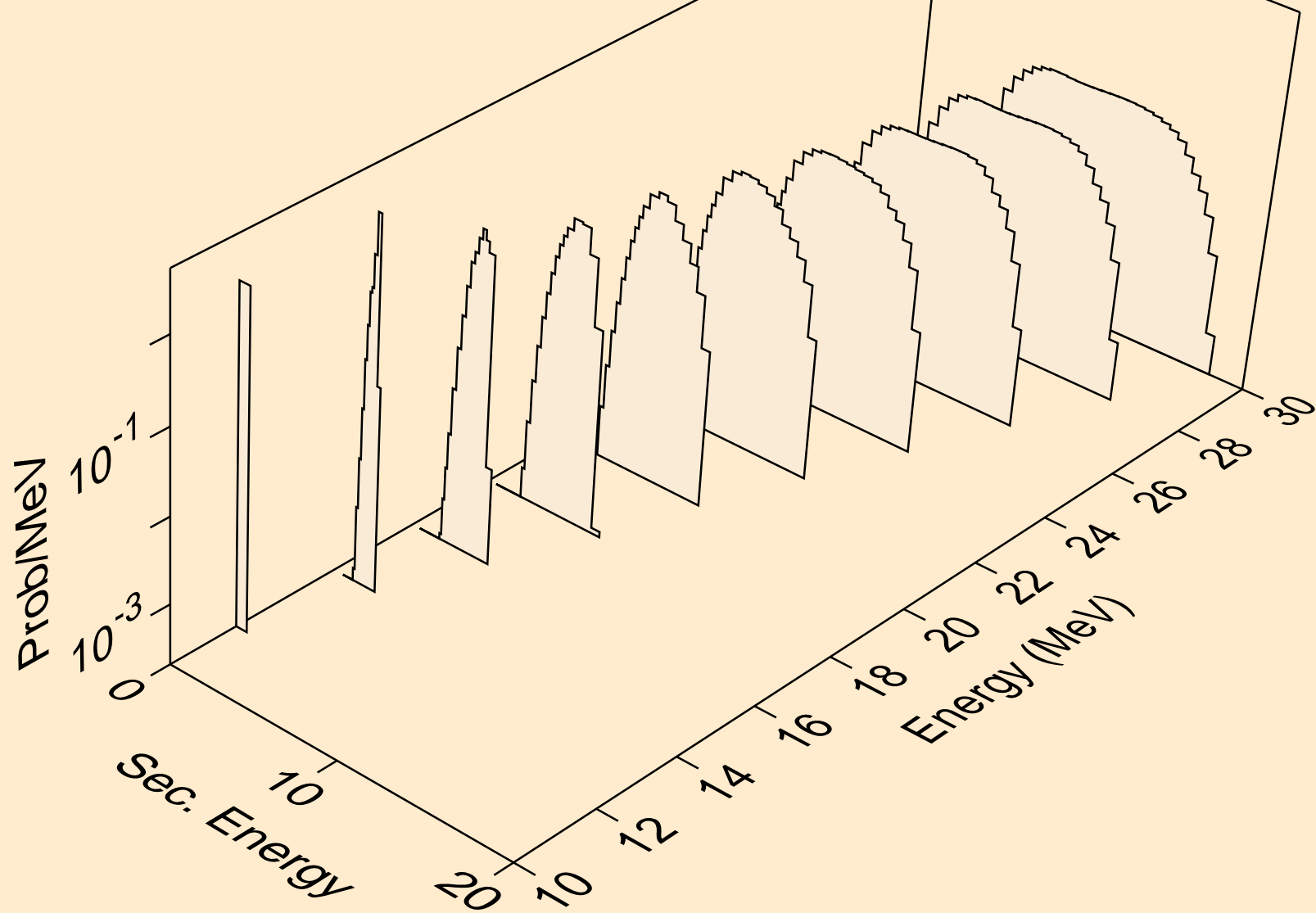
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

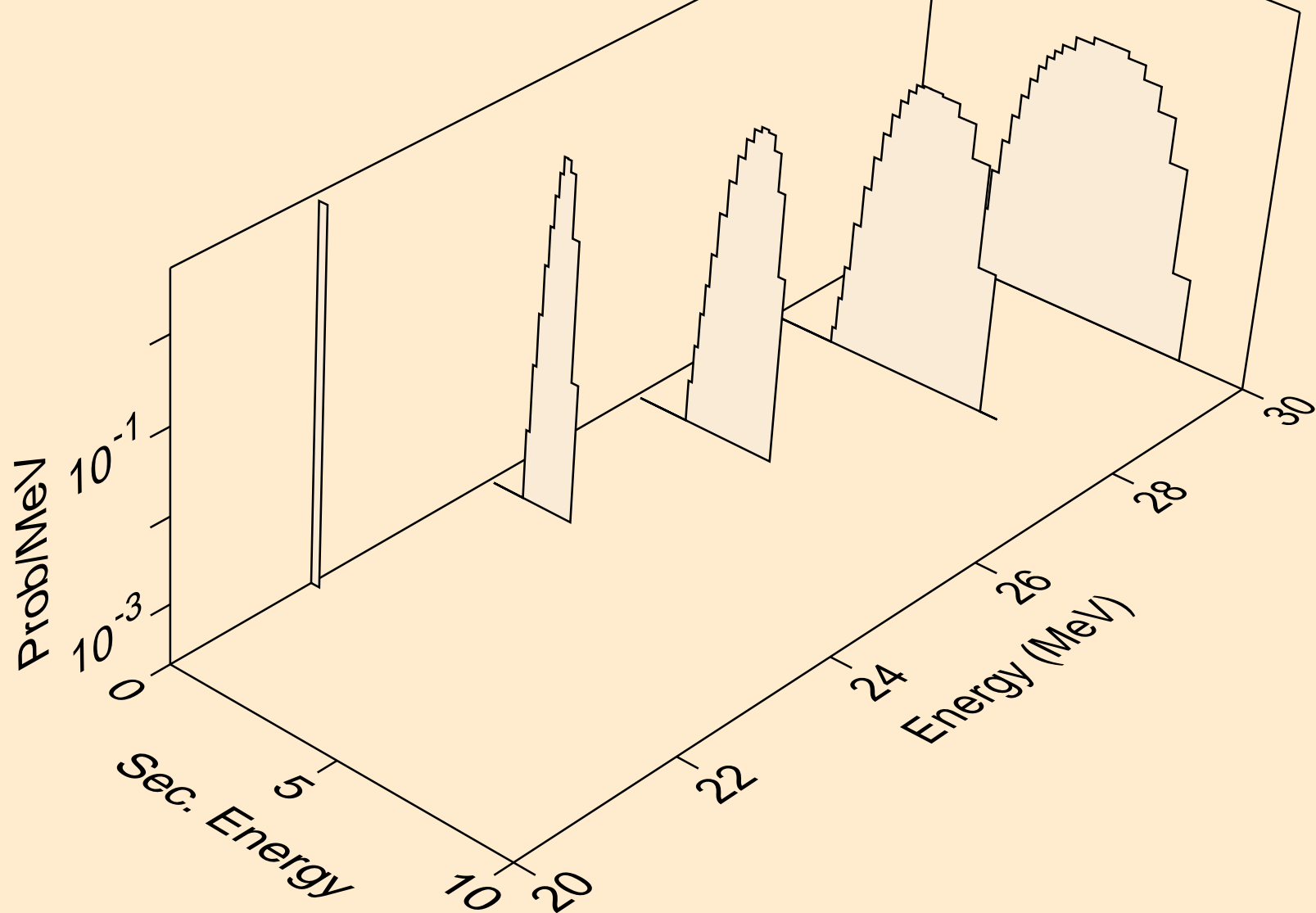


CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

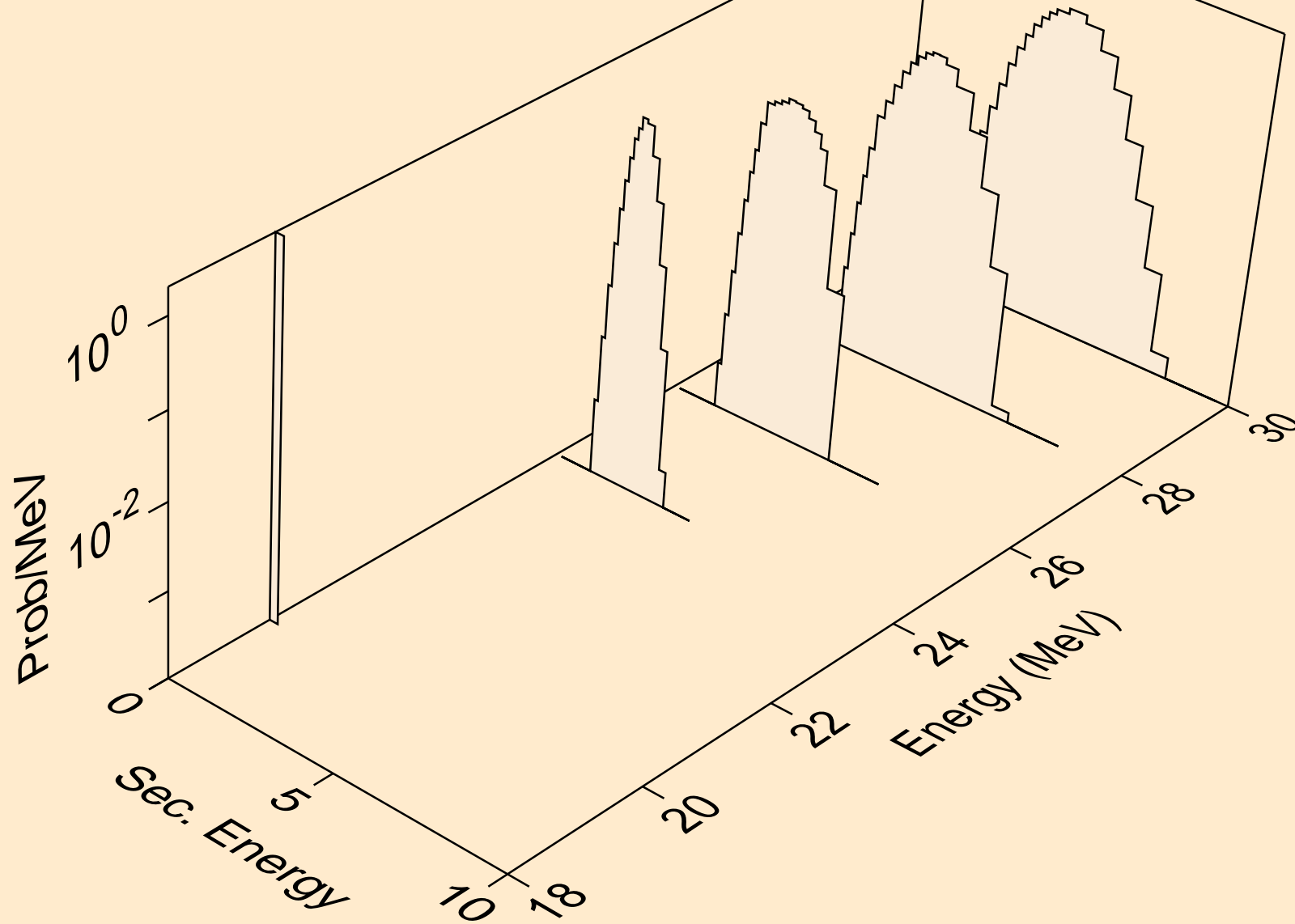




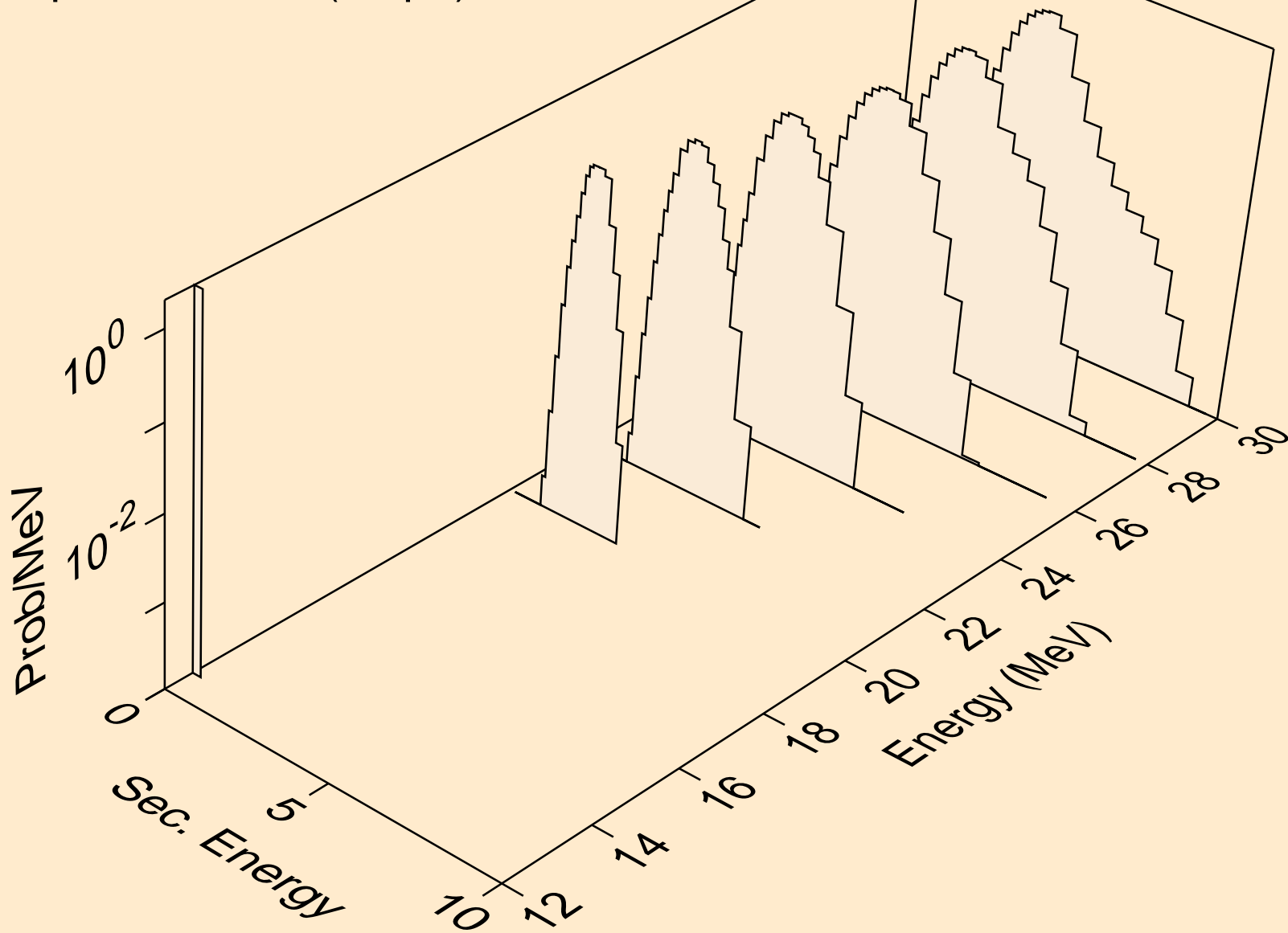
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



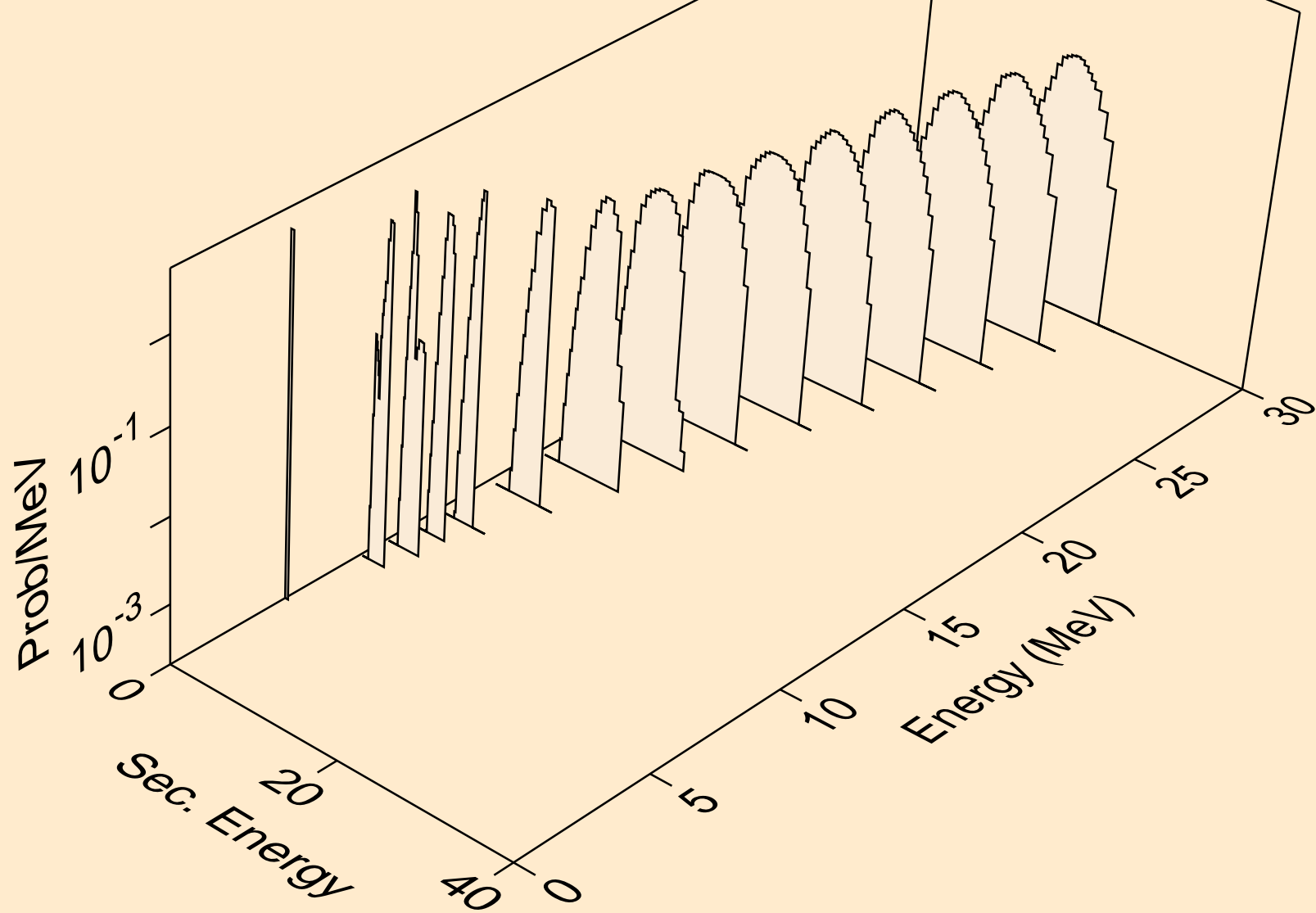
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protons from (a,n2p)



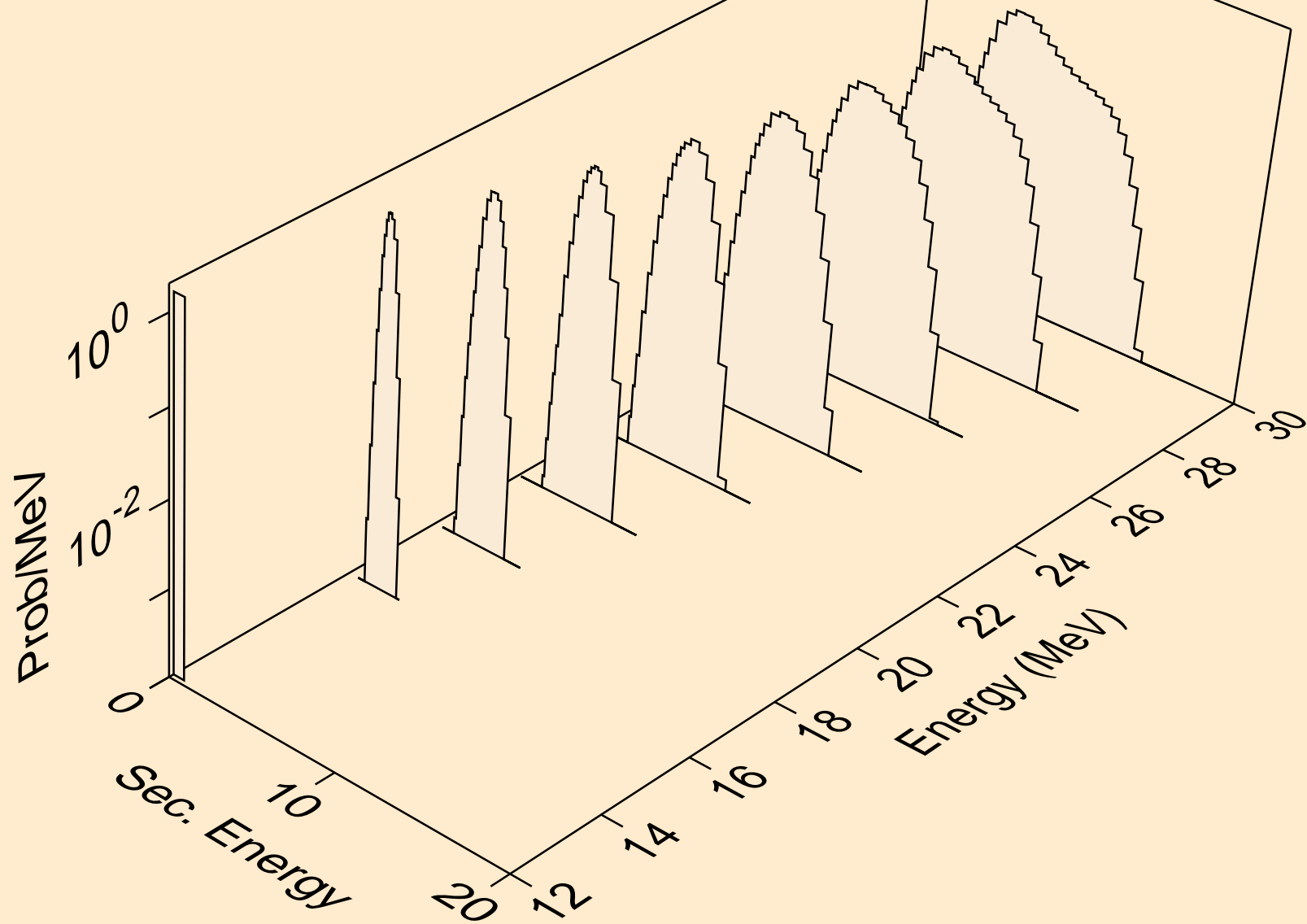
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



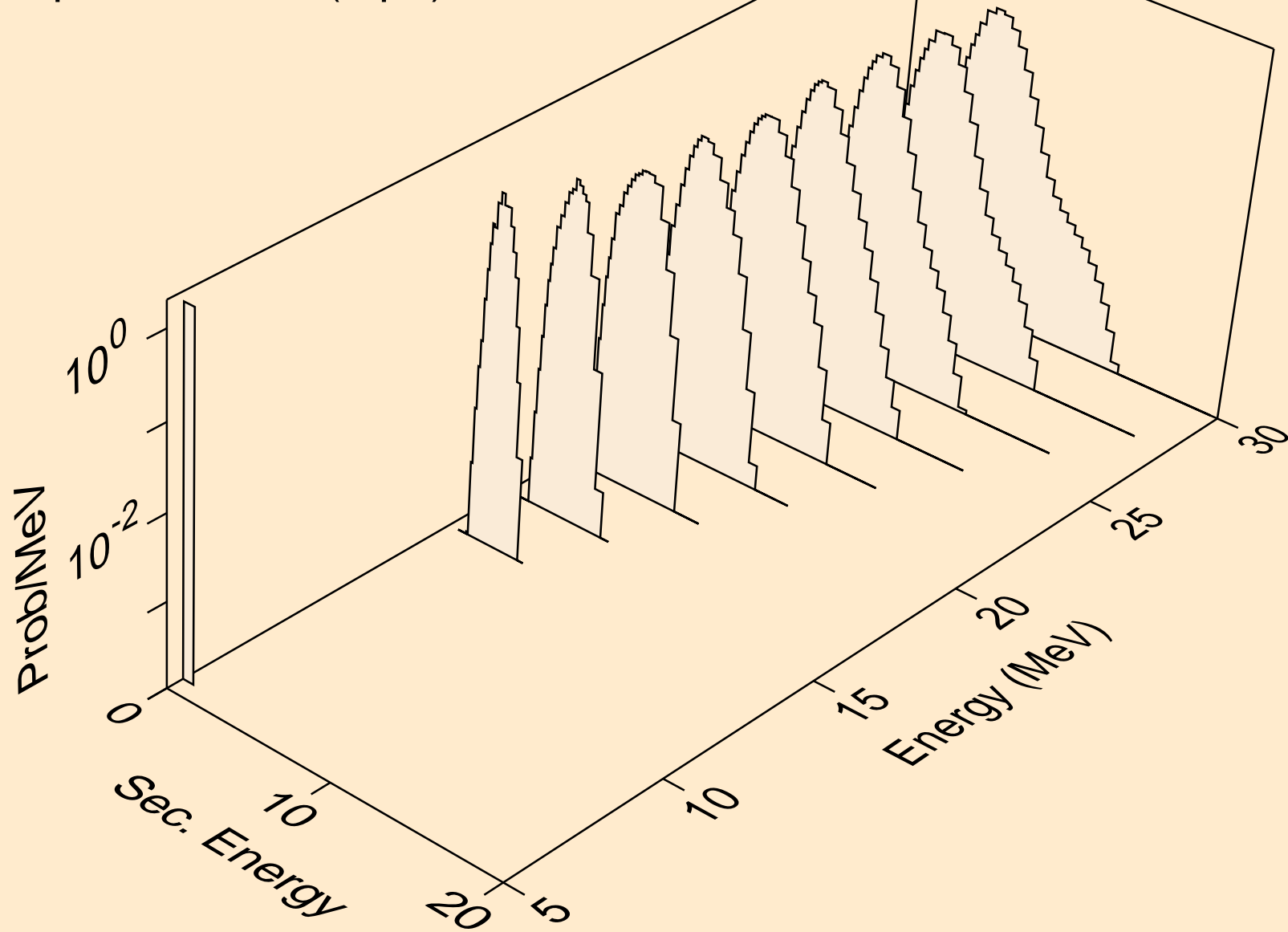
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



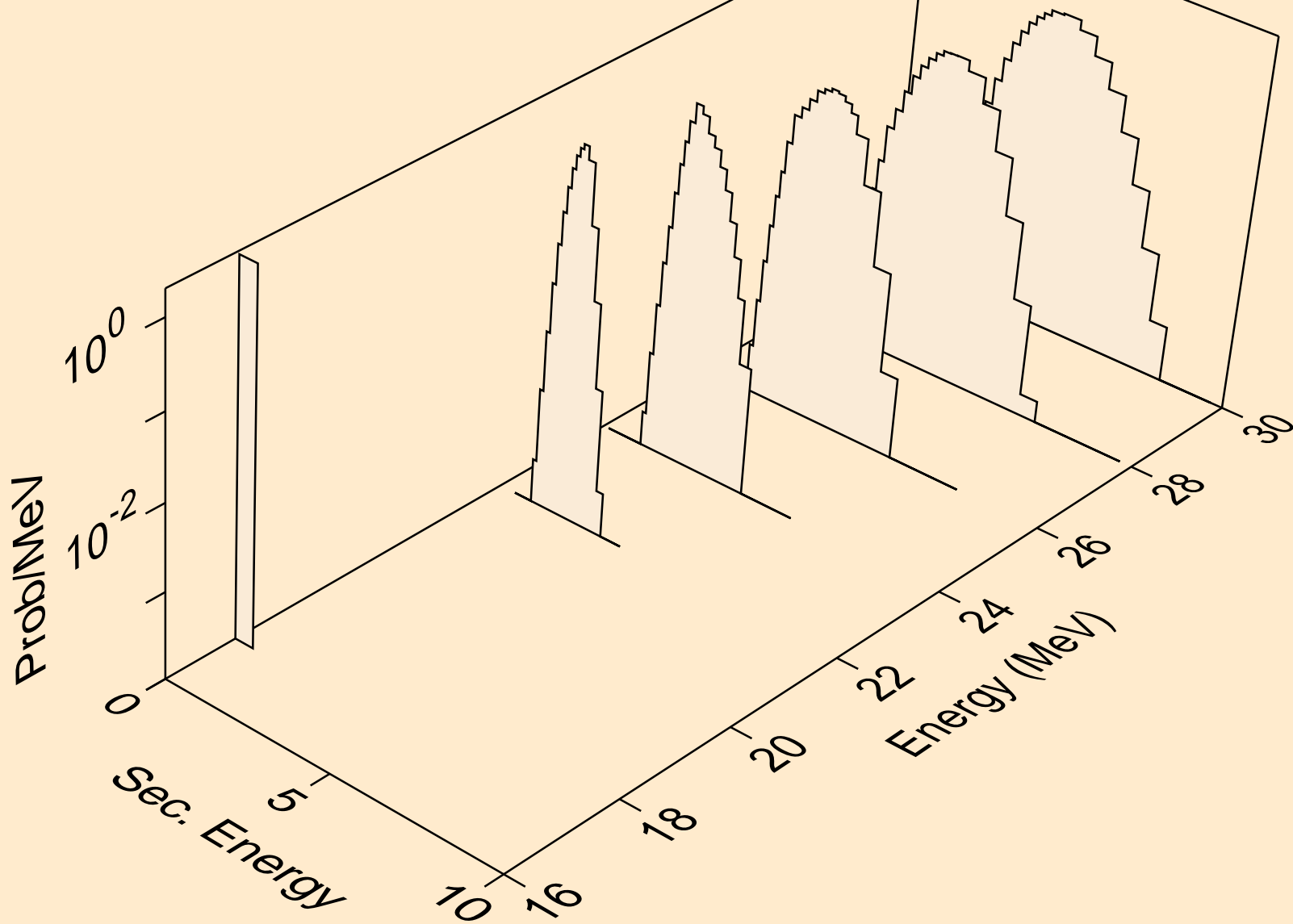
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



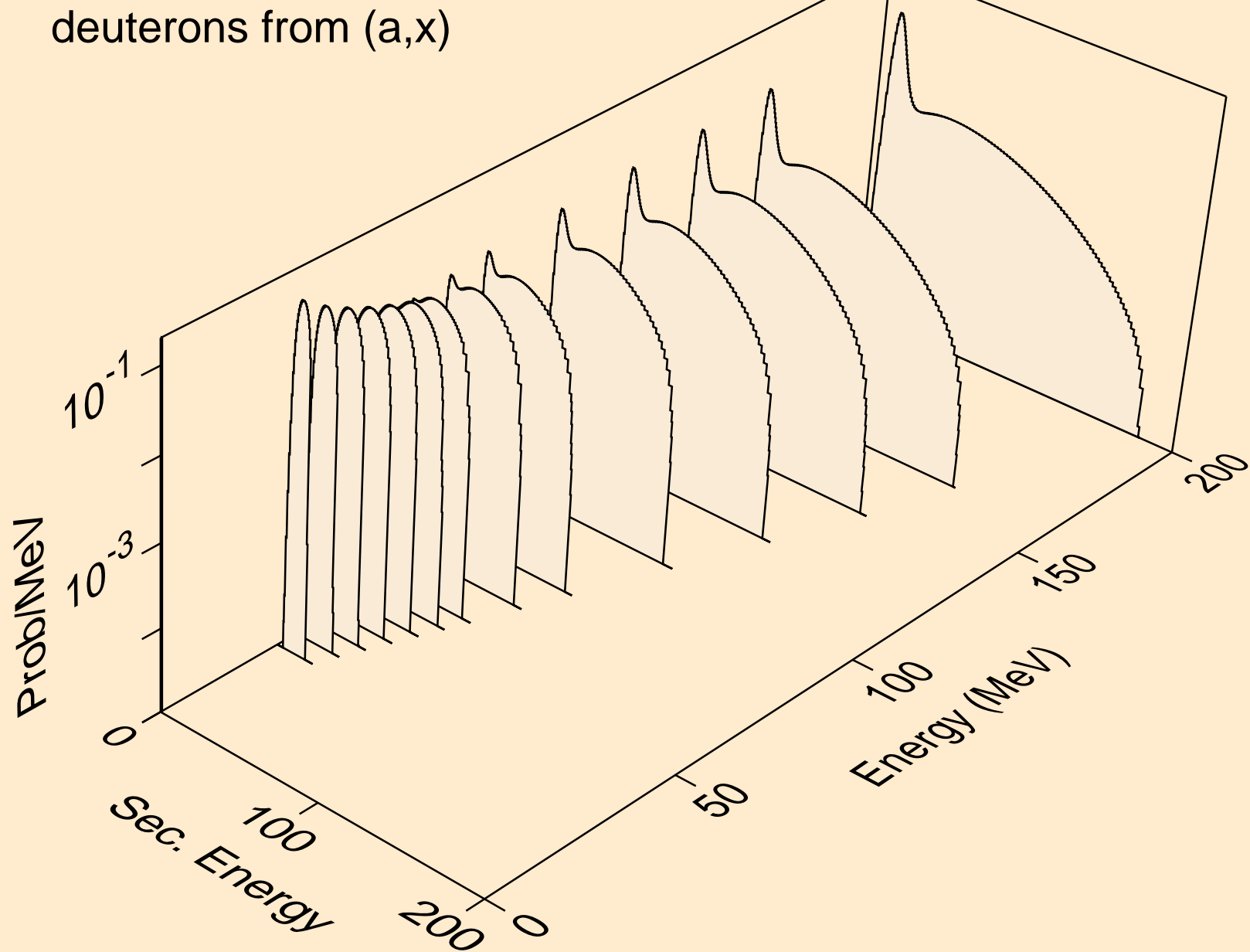
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)

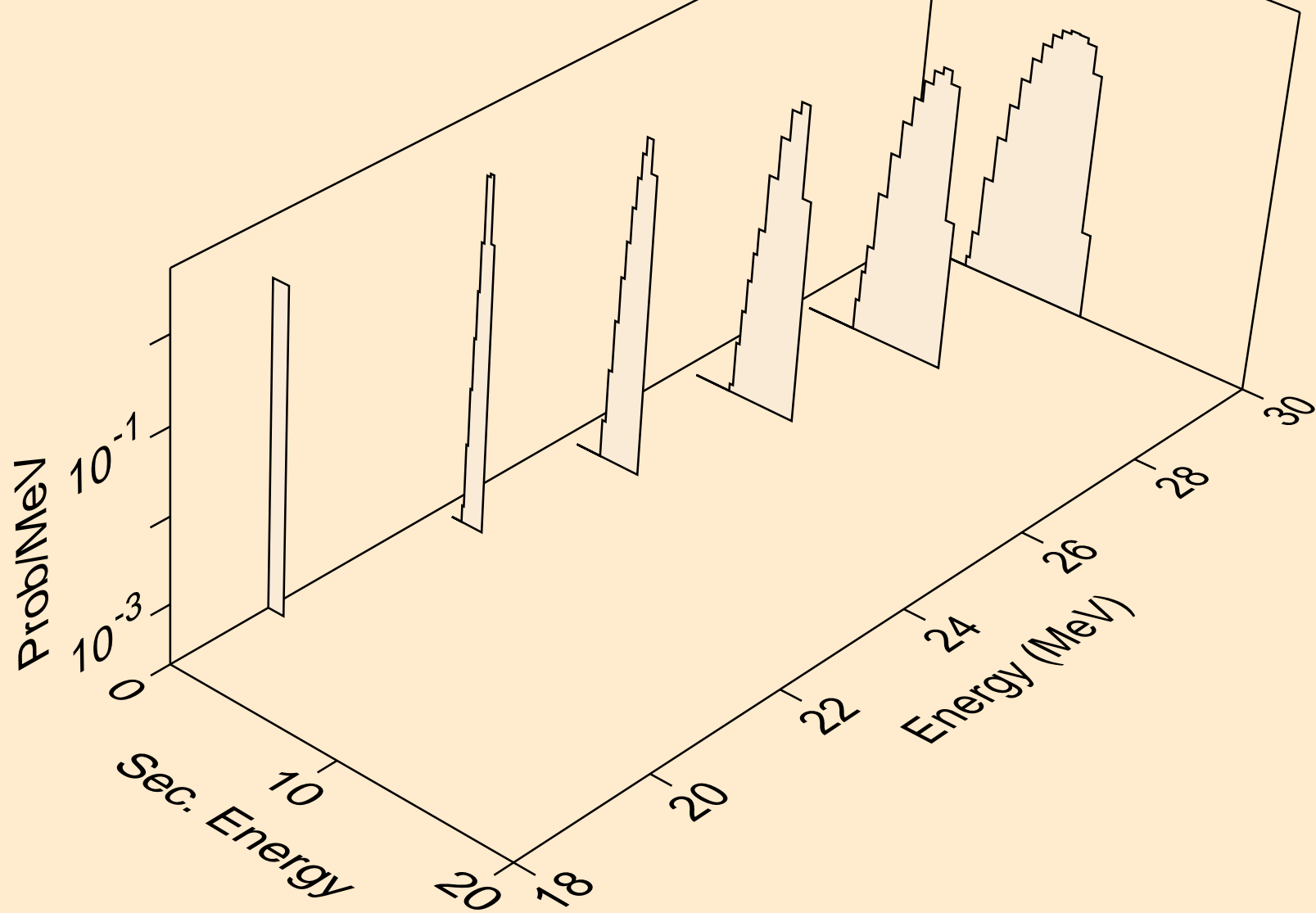


CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

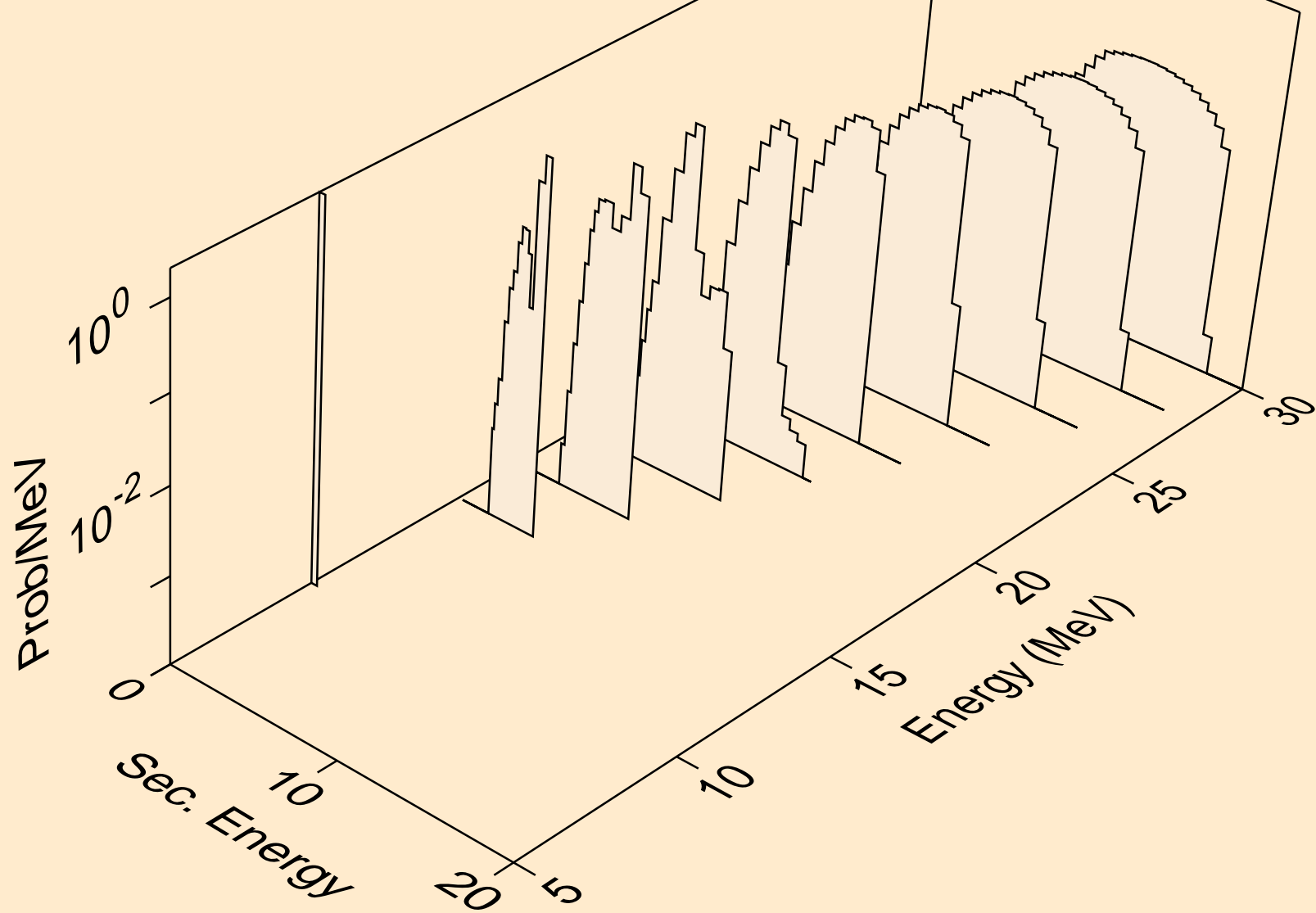




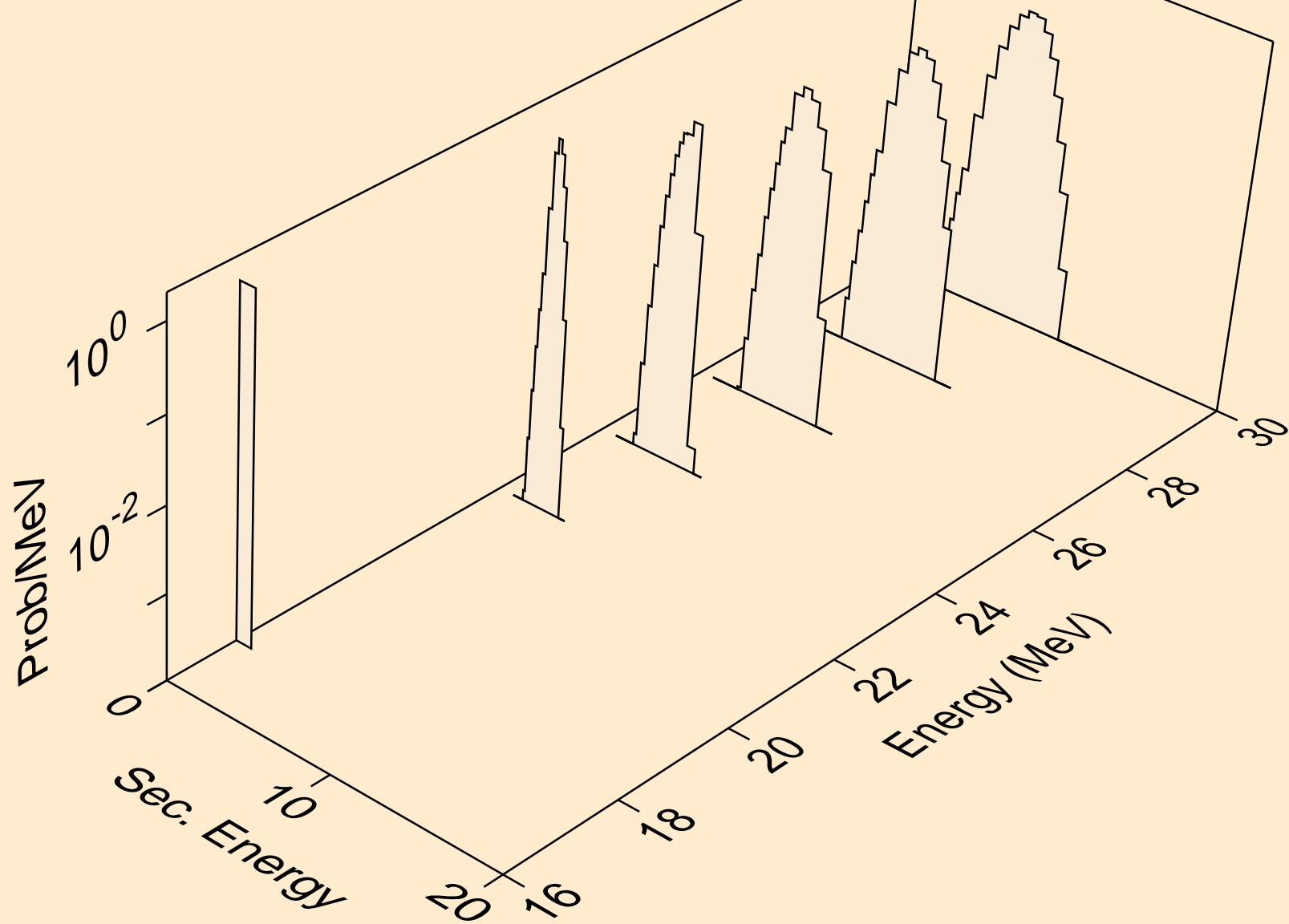
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



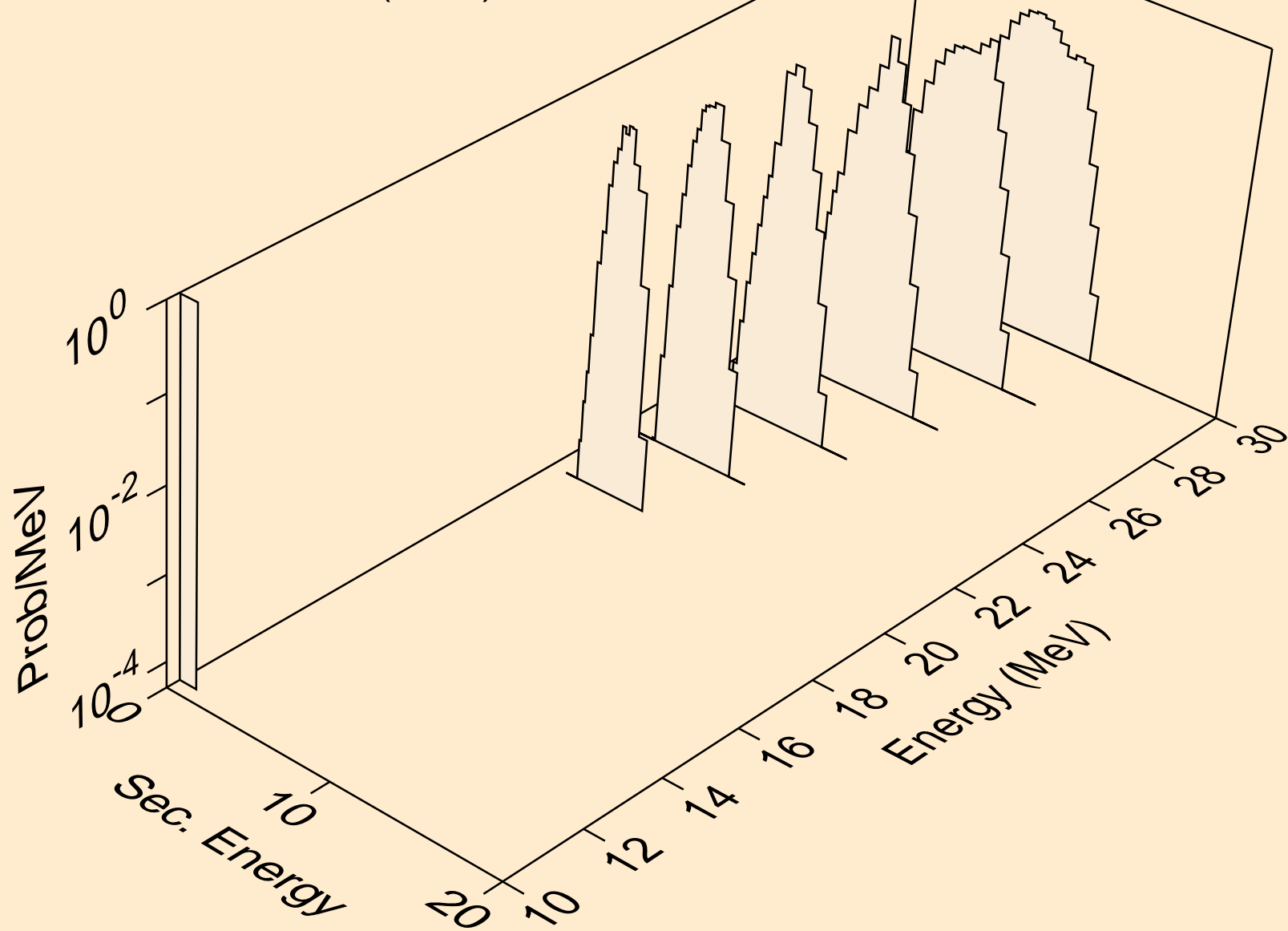
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



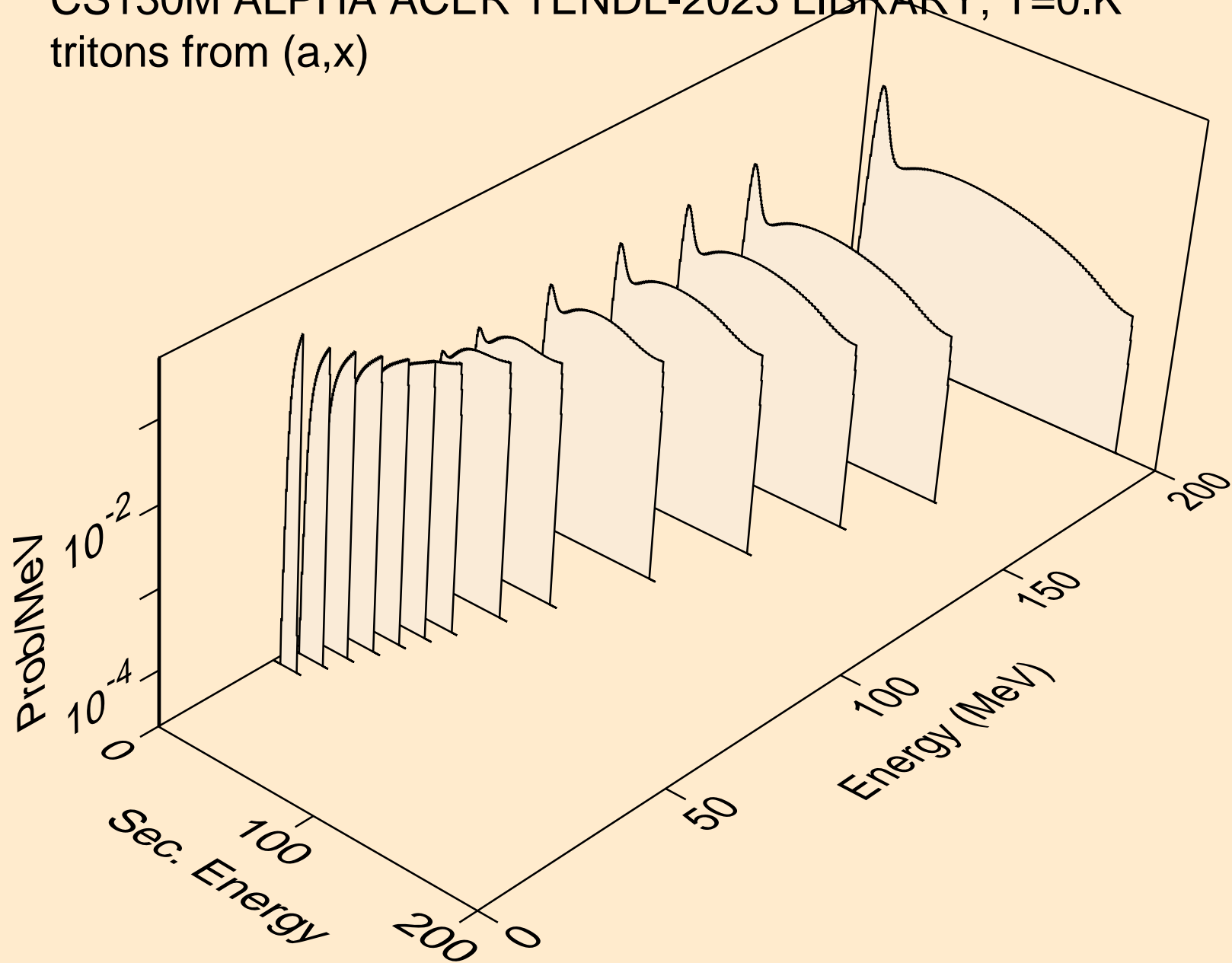
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



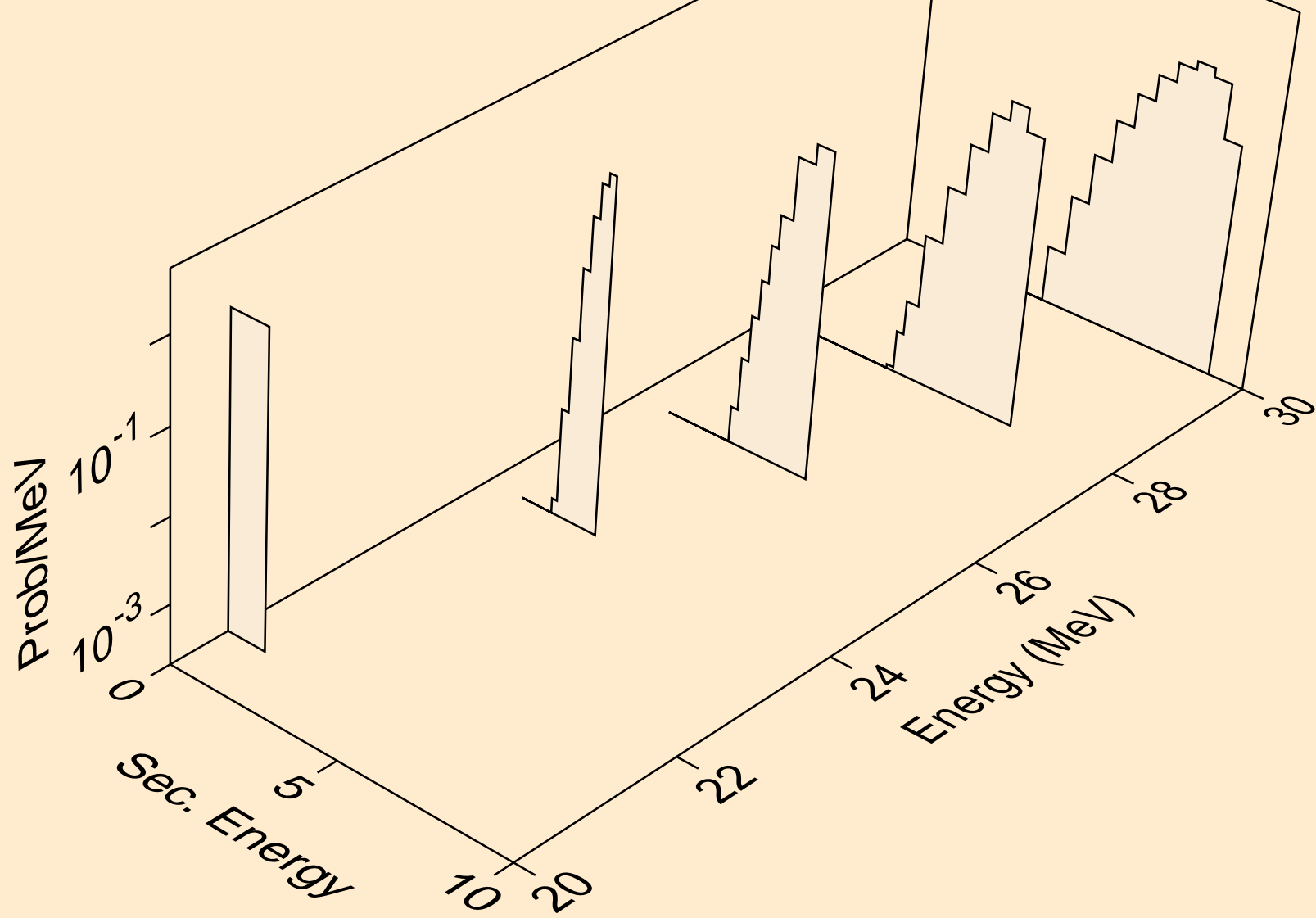
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



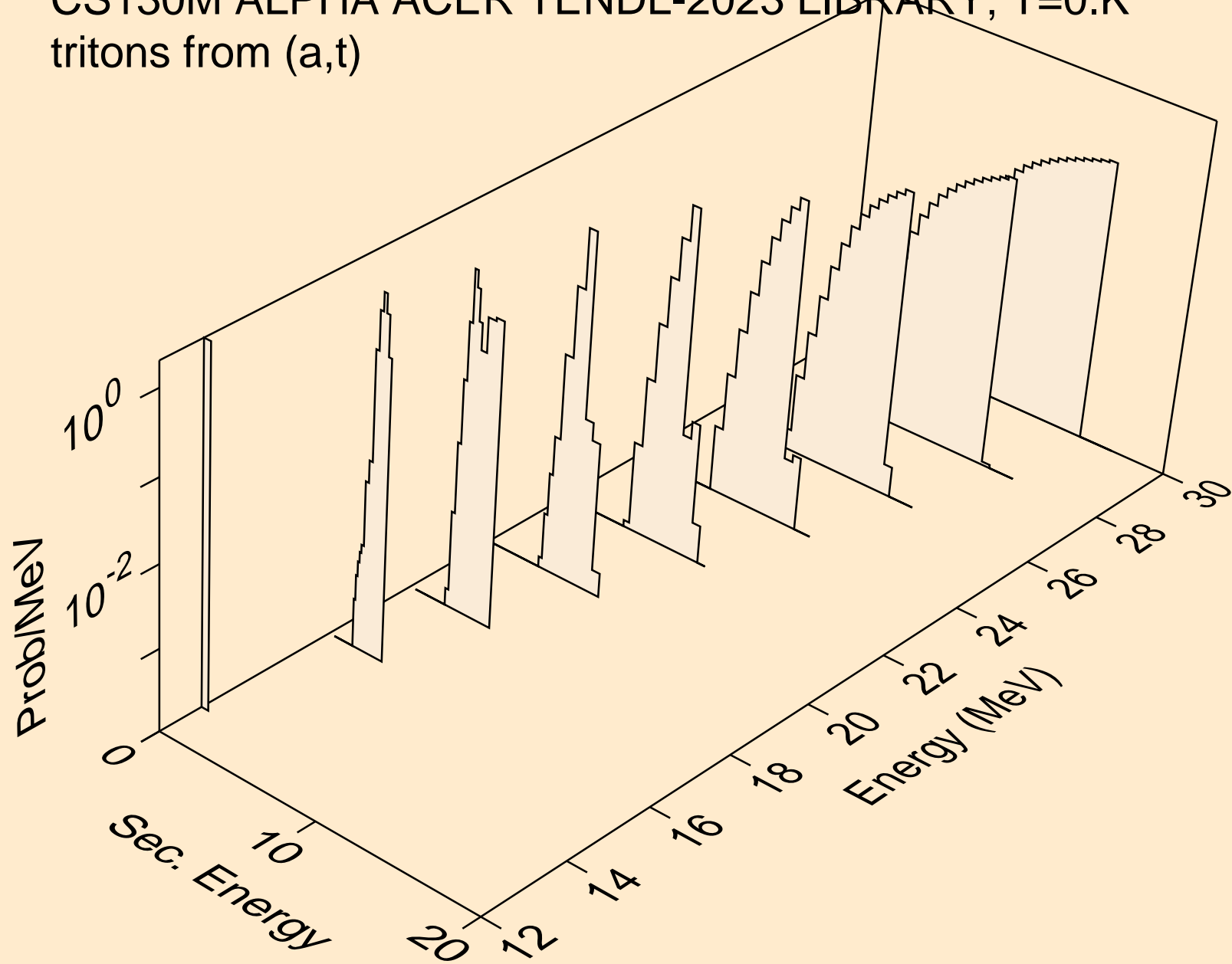
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



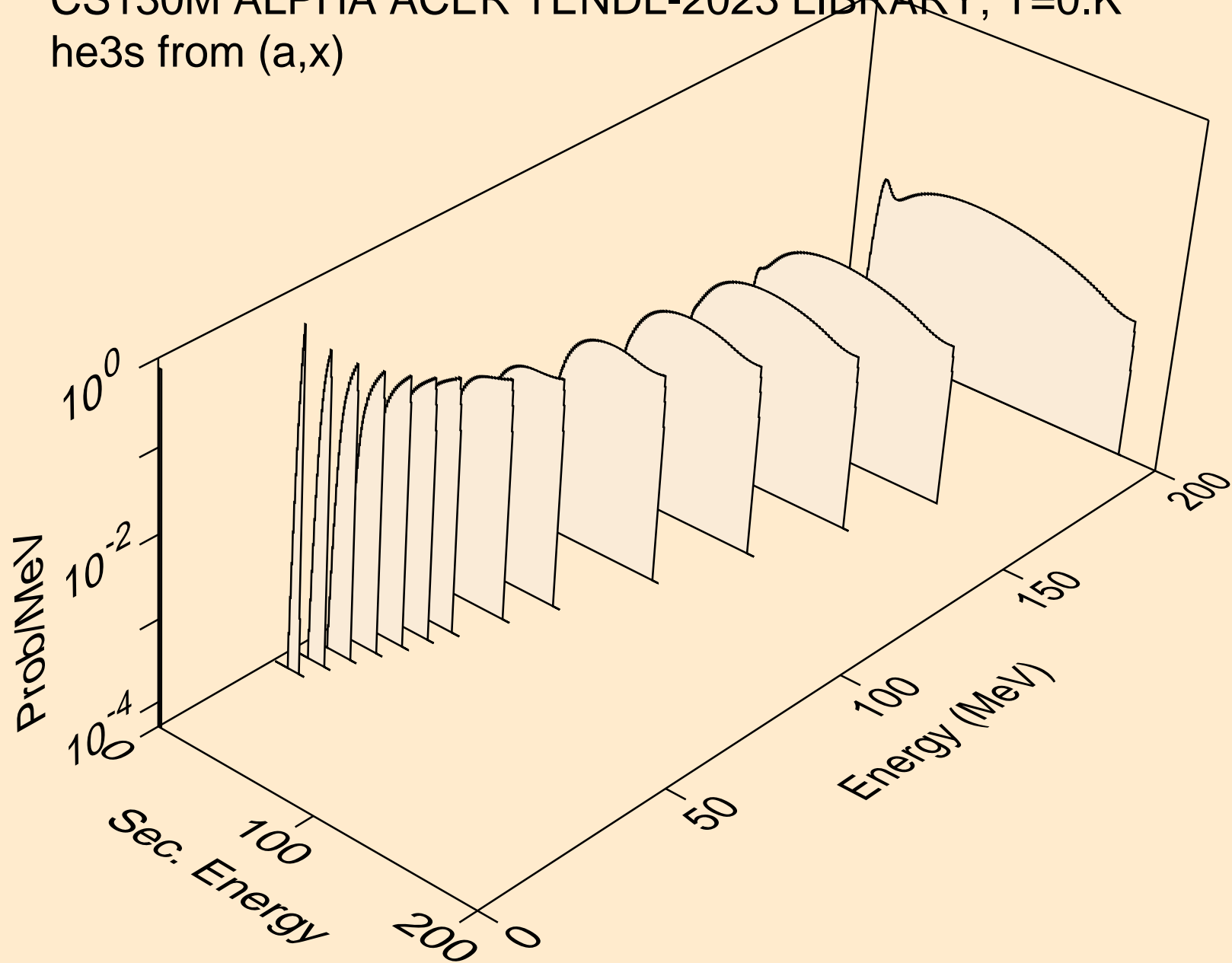
CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)





CS130M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

