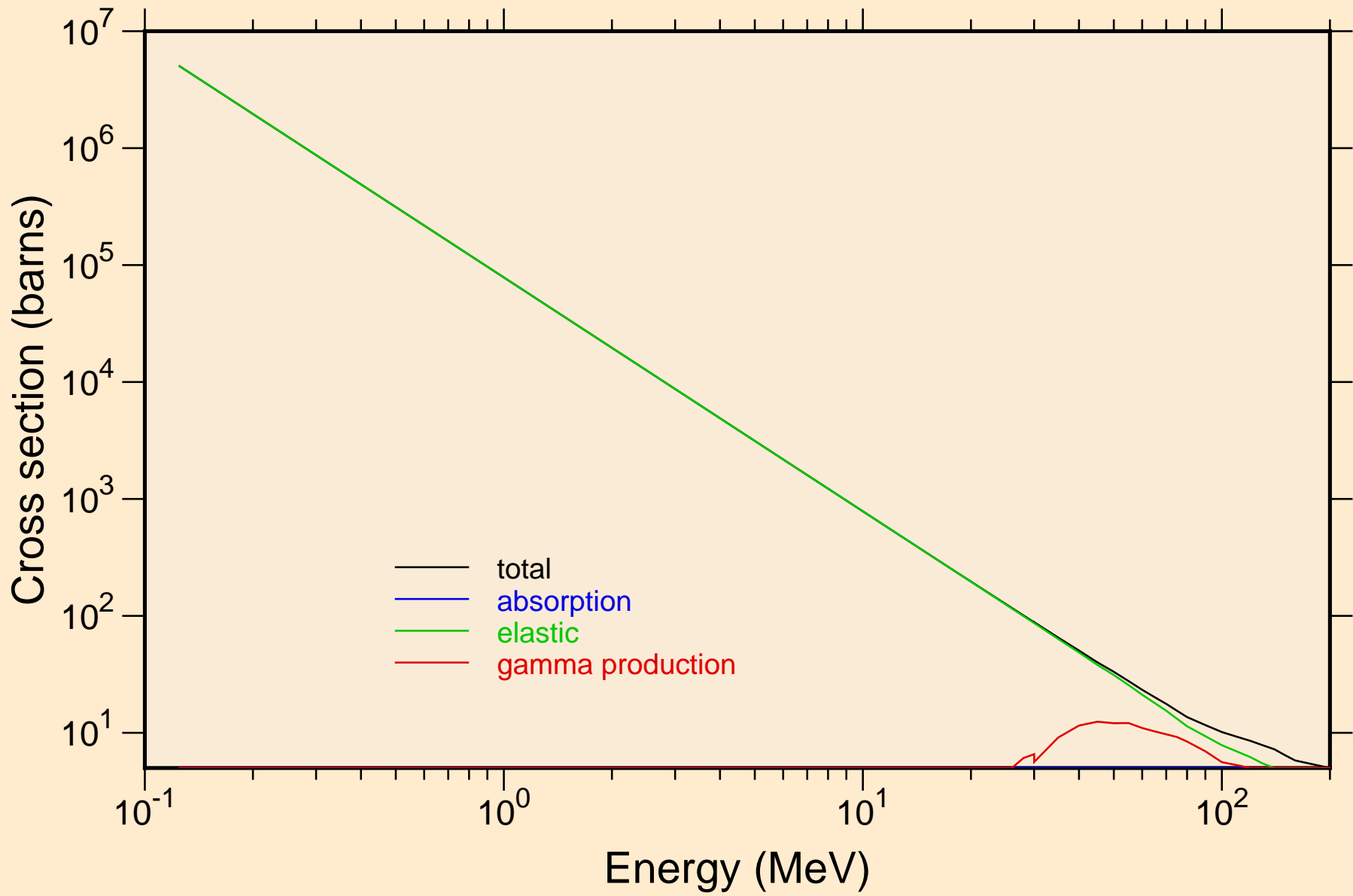
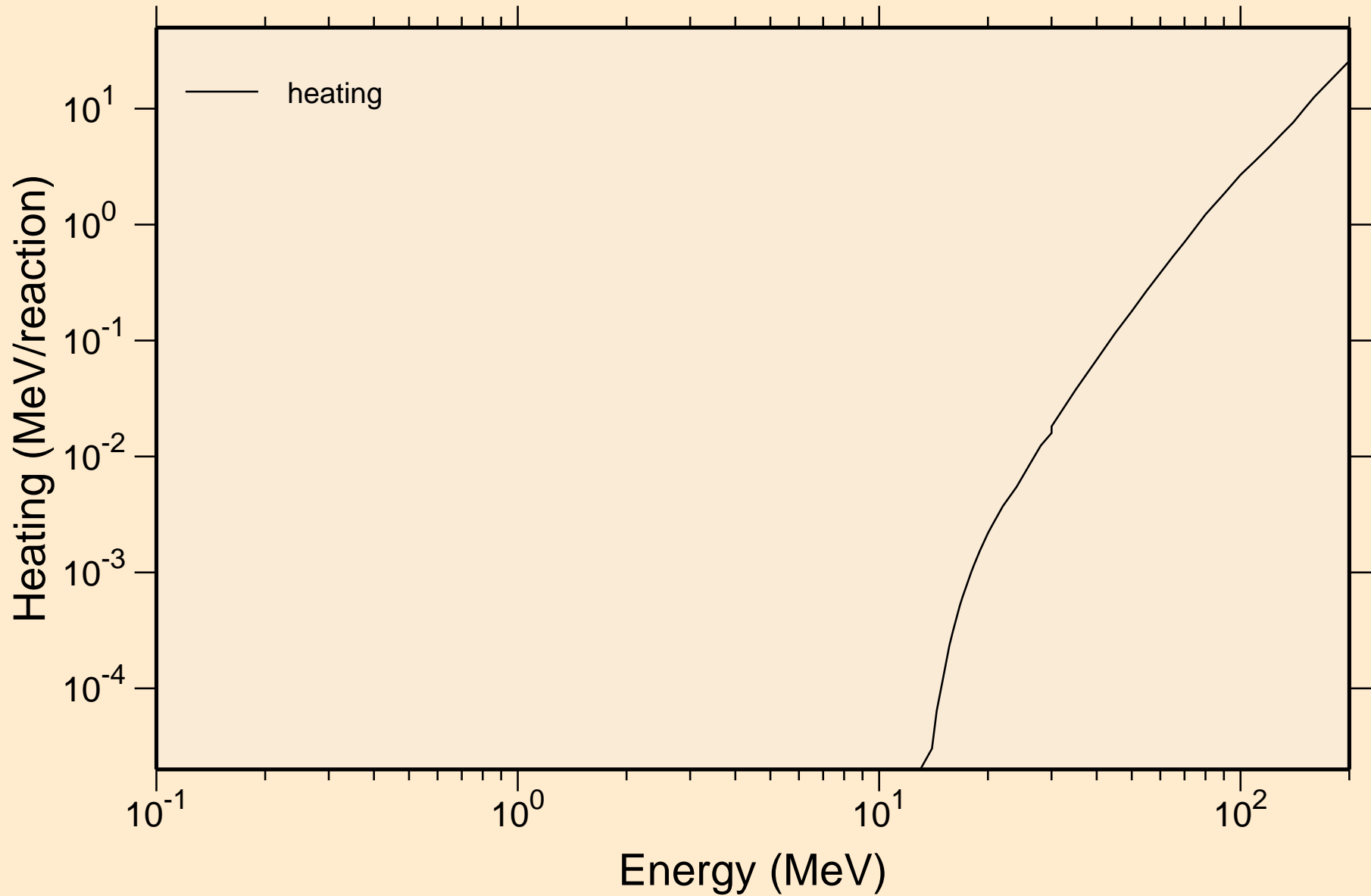


CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



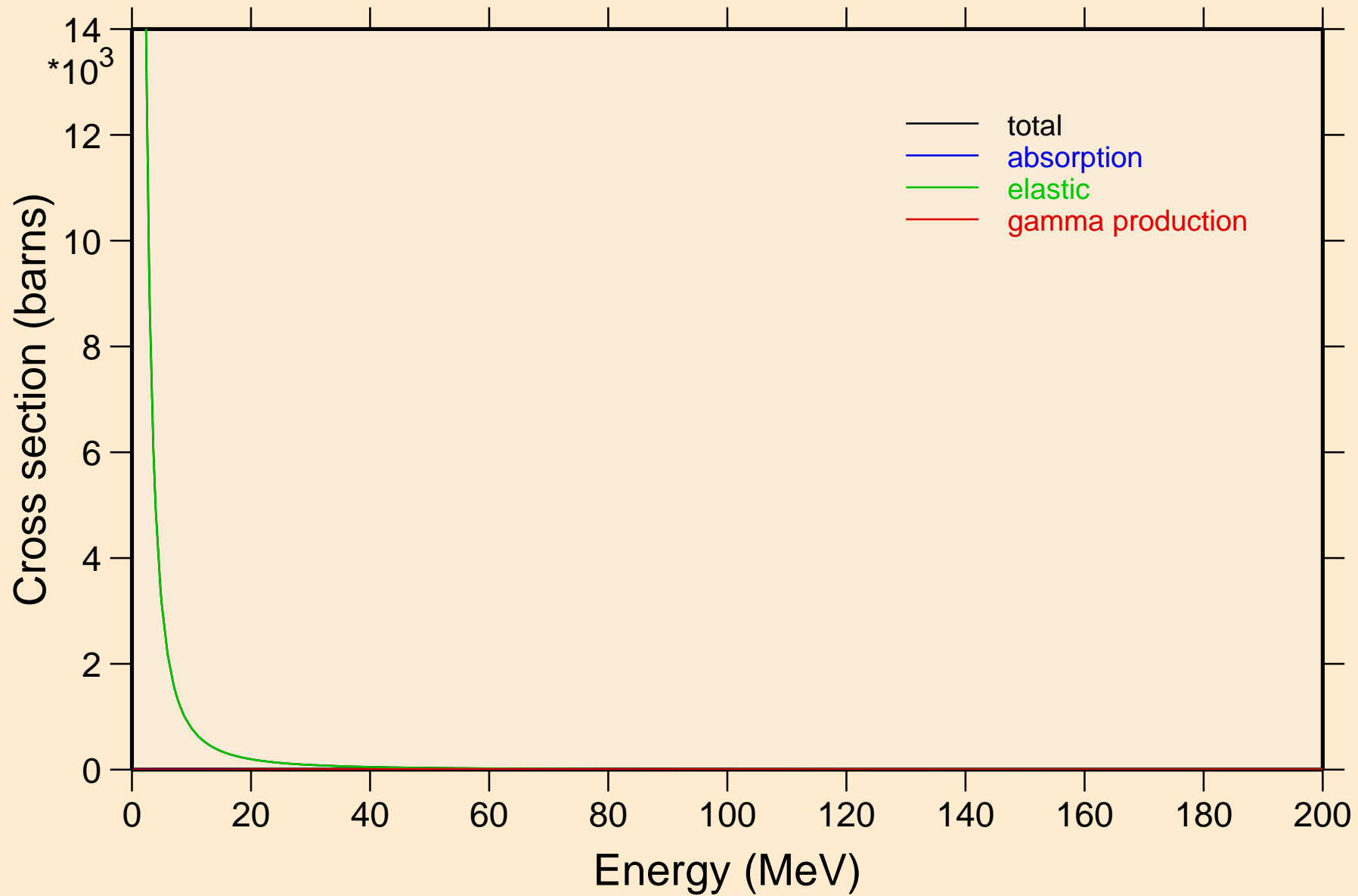
# CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Heating



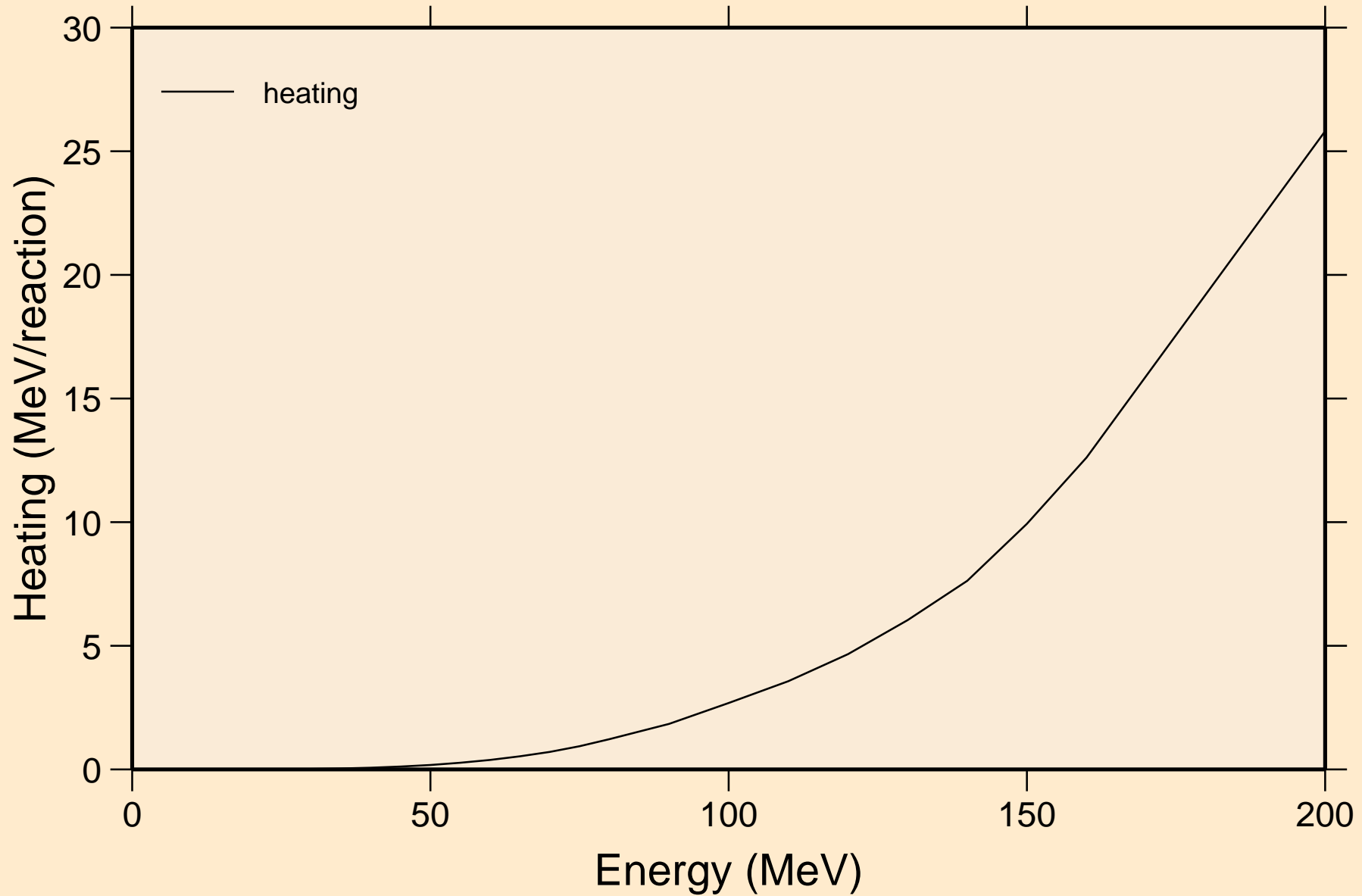
# CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

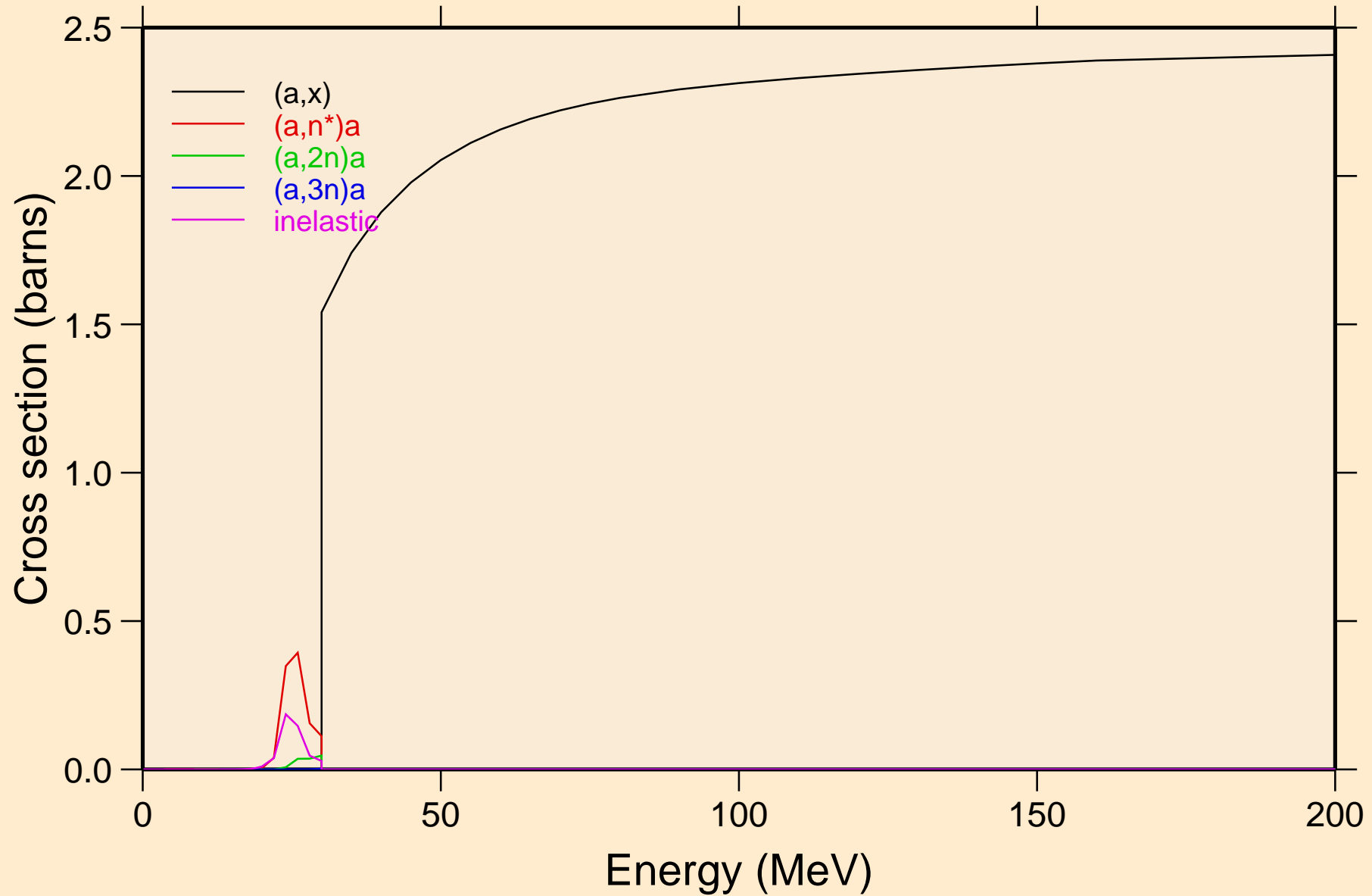


# CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

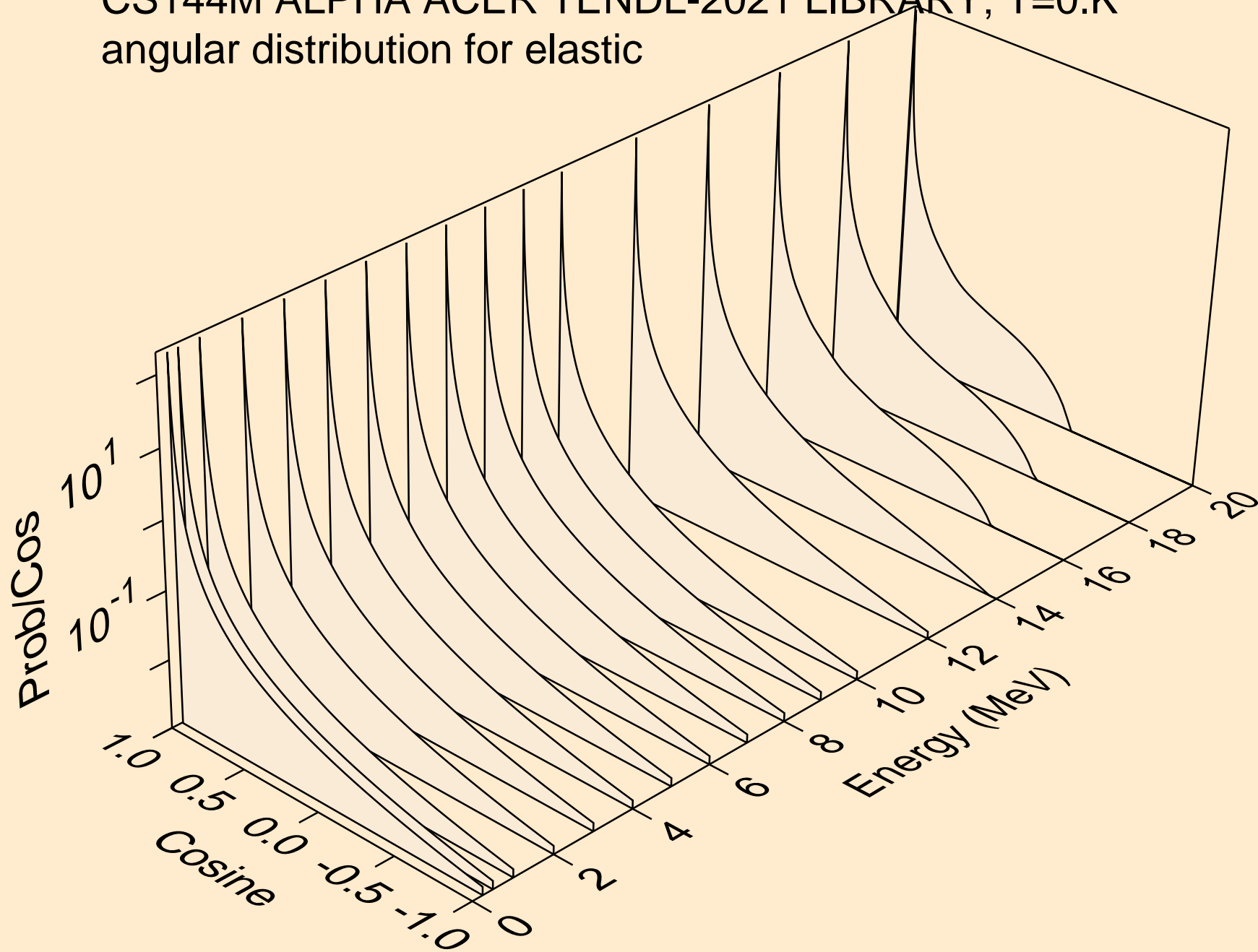
## Heating



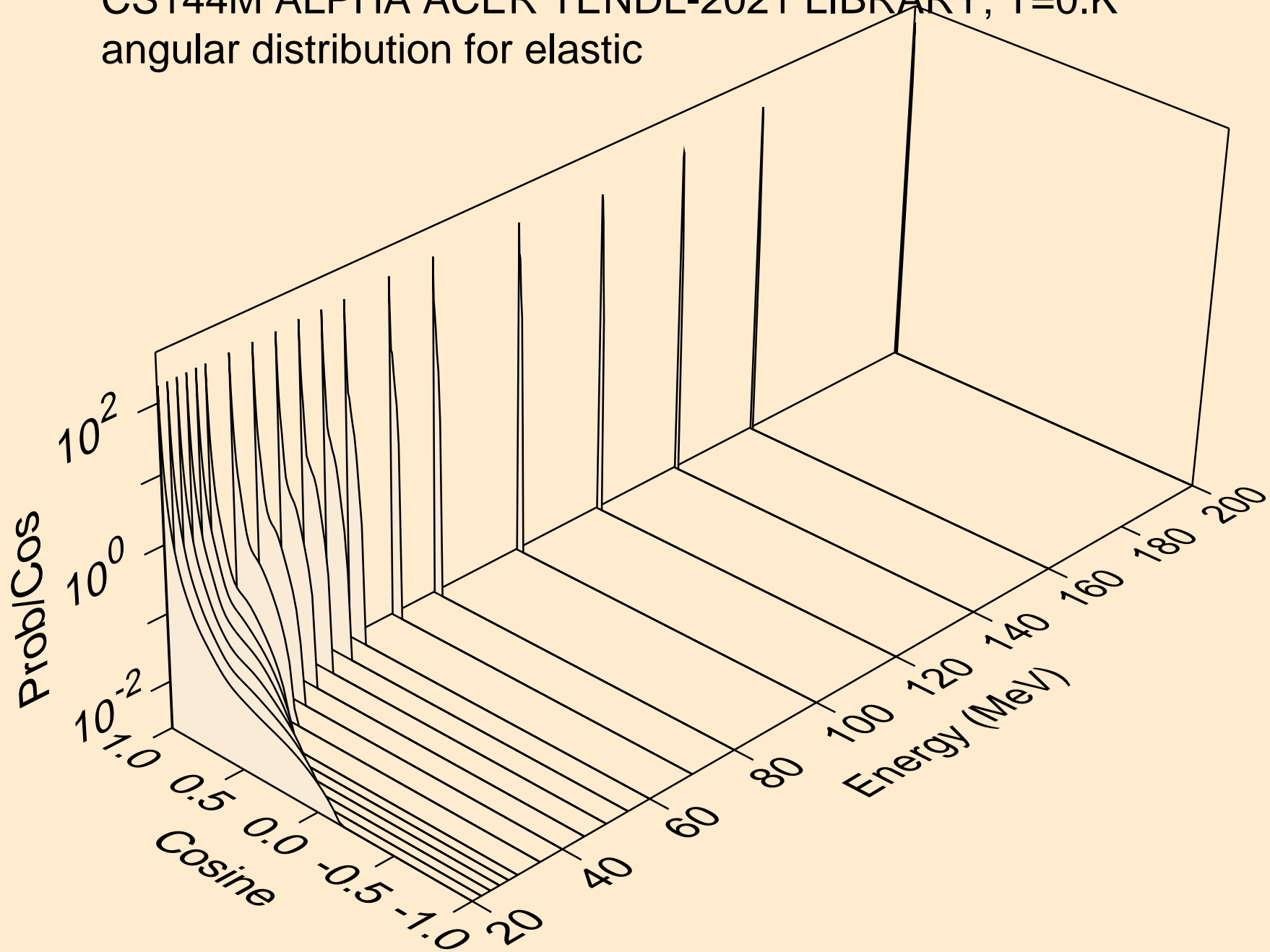
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Threshold reactions



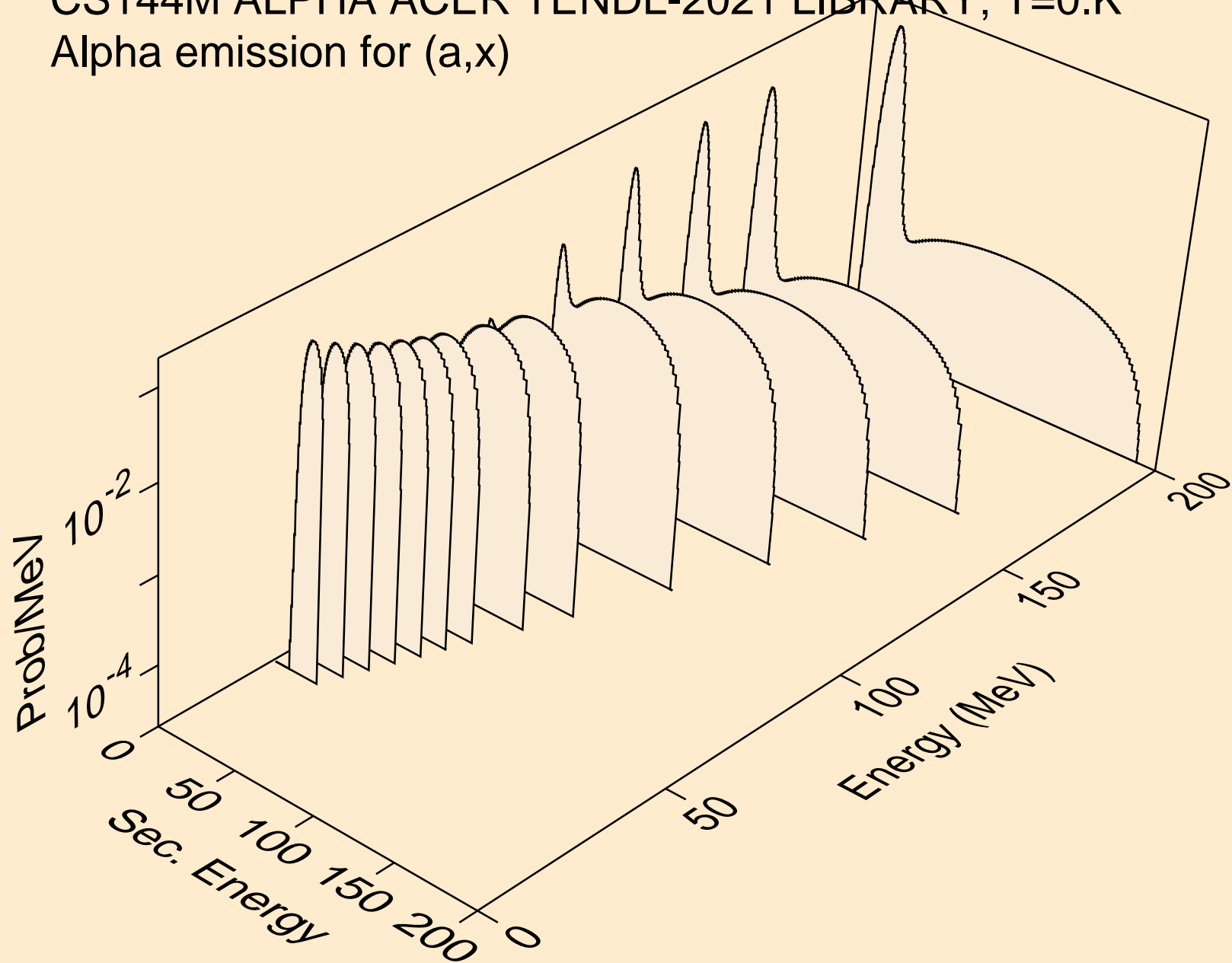
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

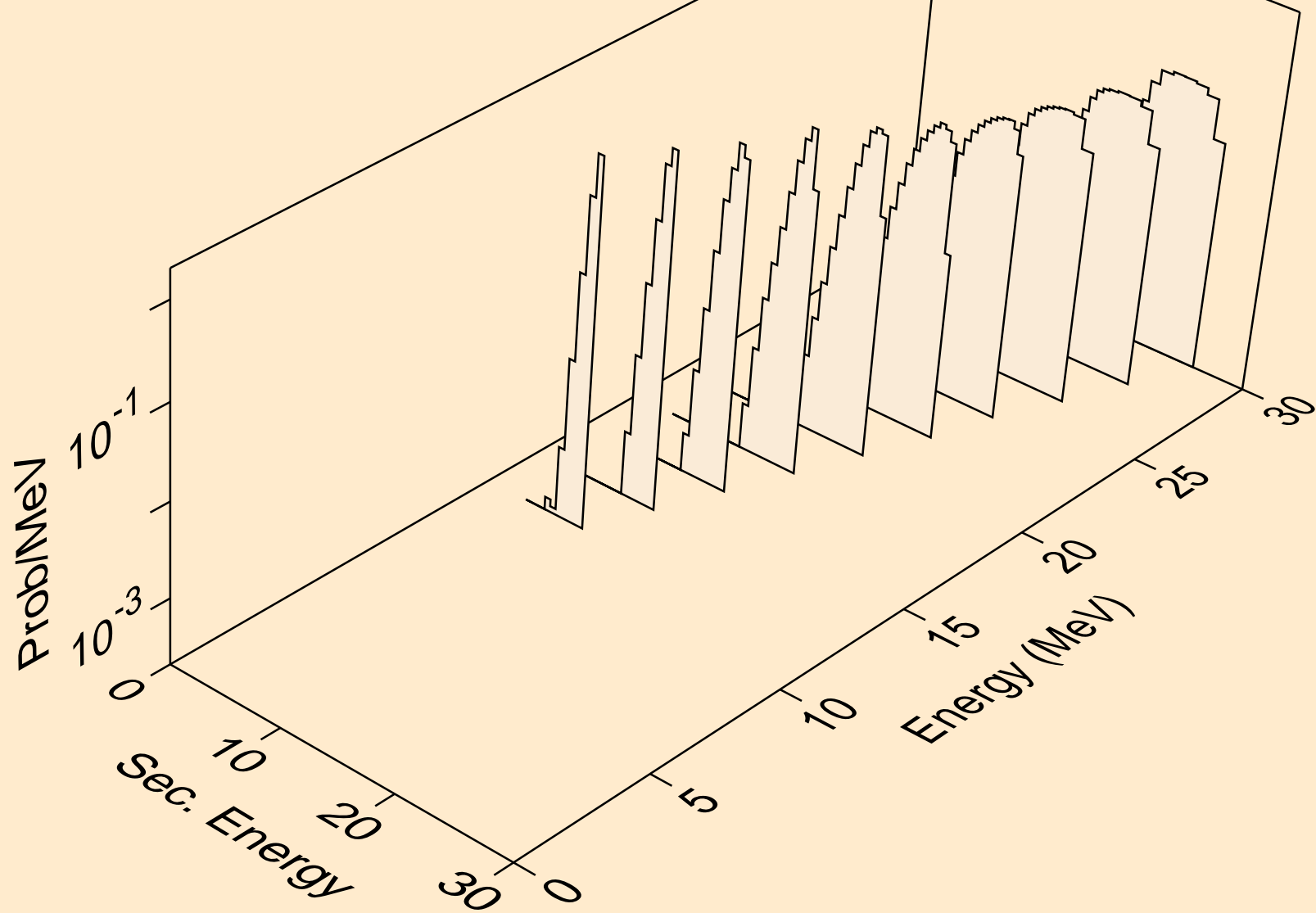


CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)

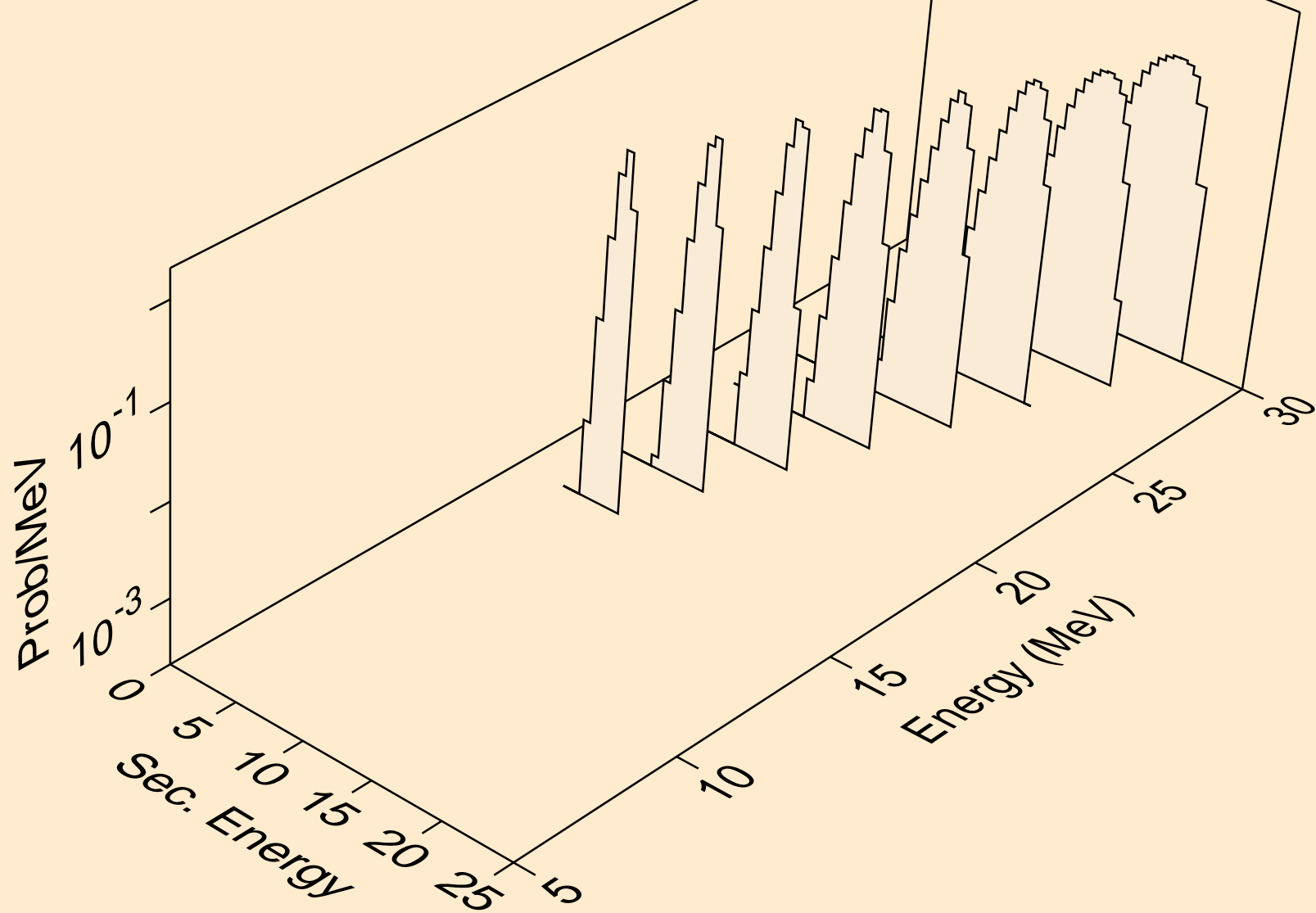




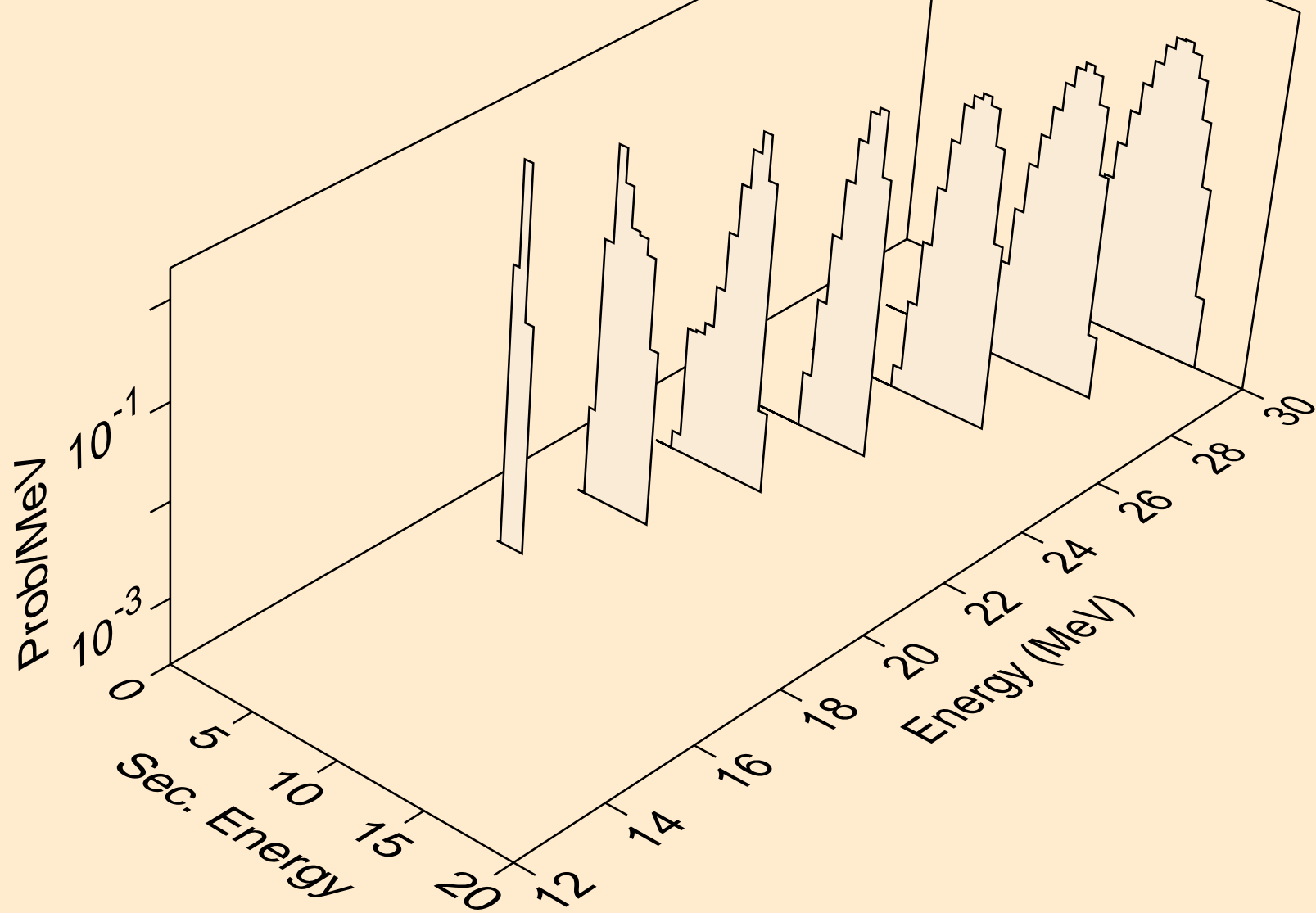
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



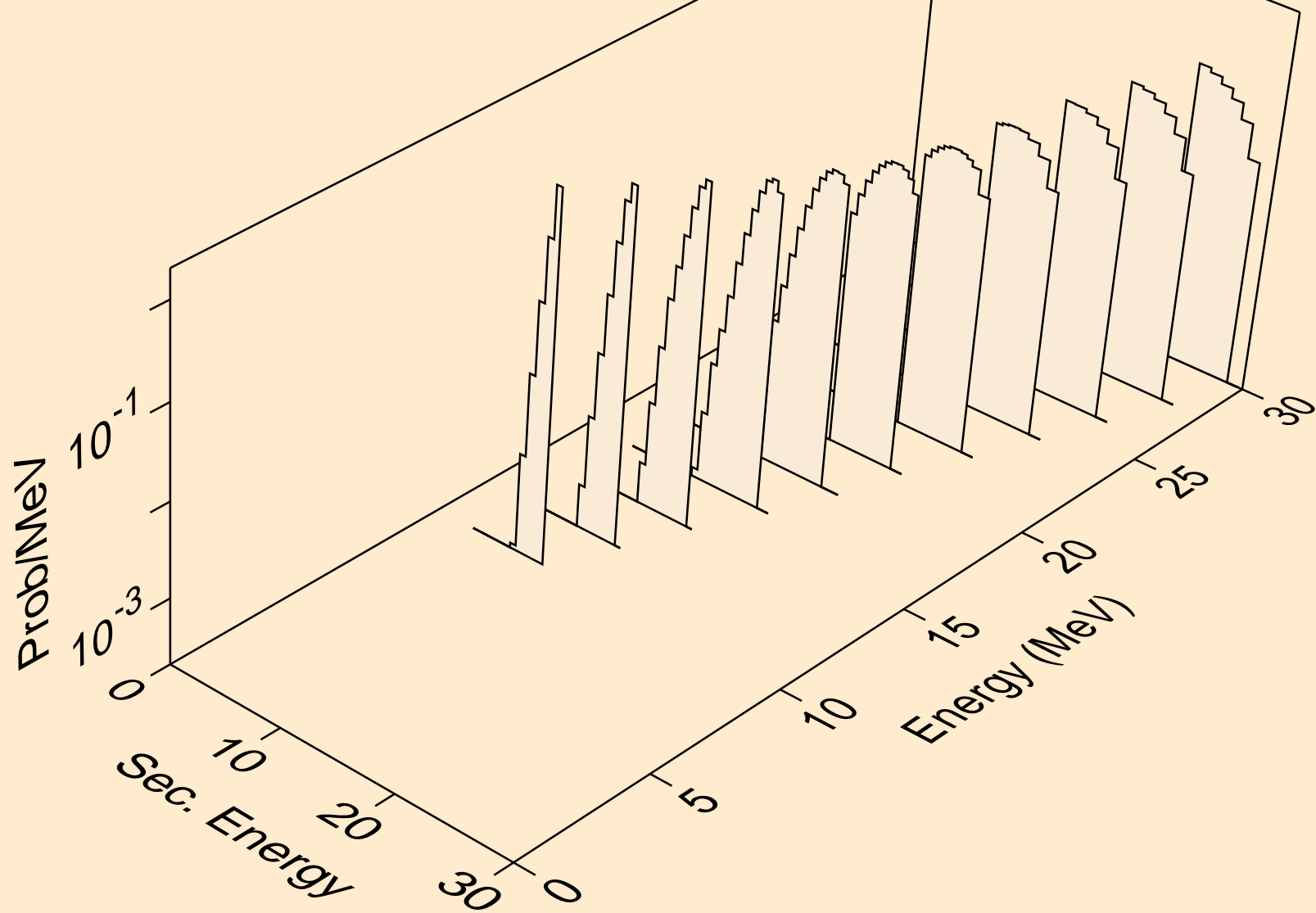
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



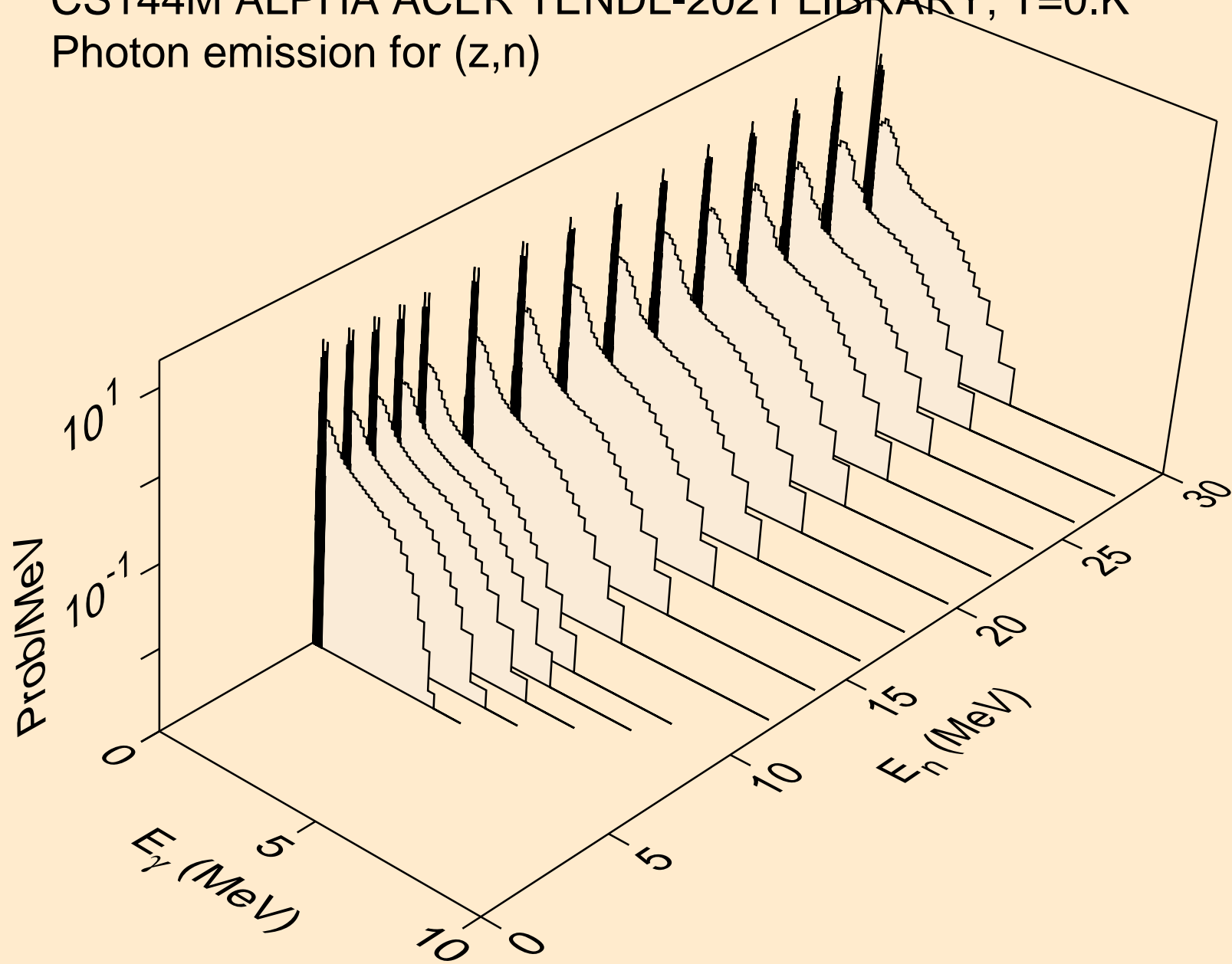
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



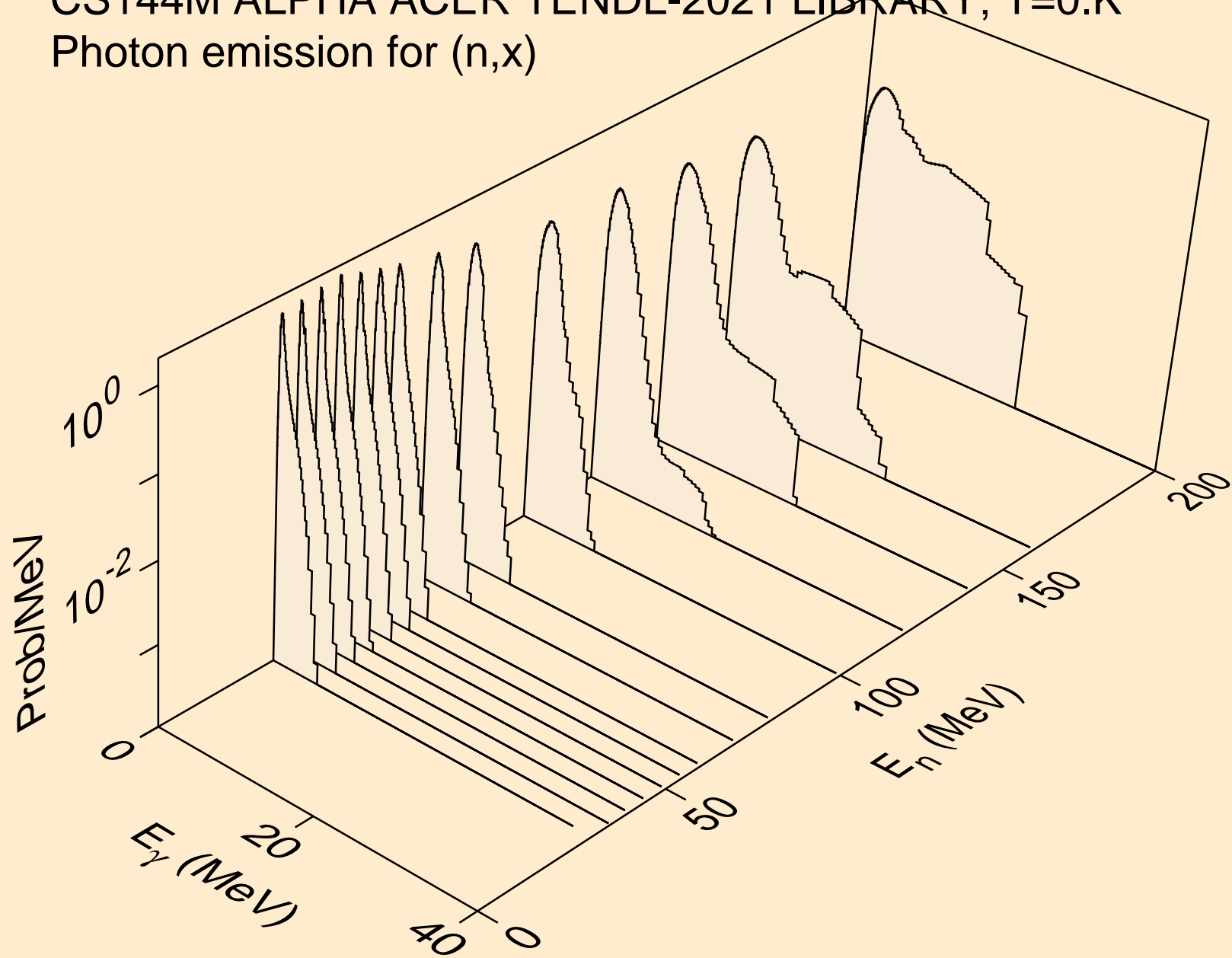
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



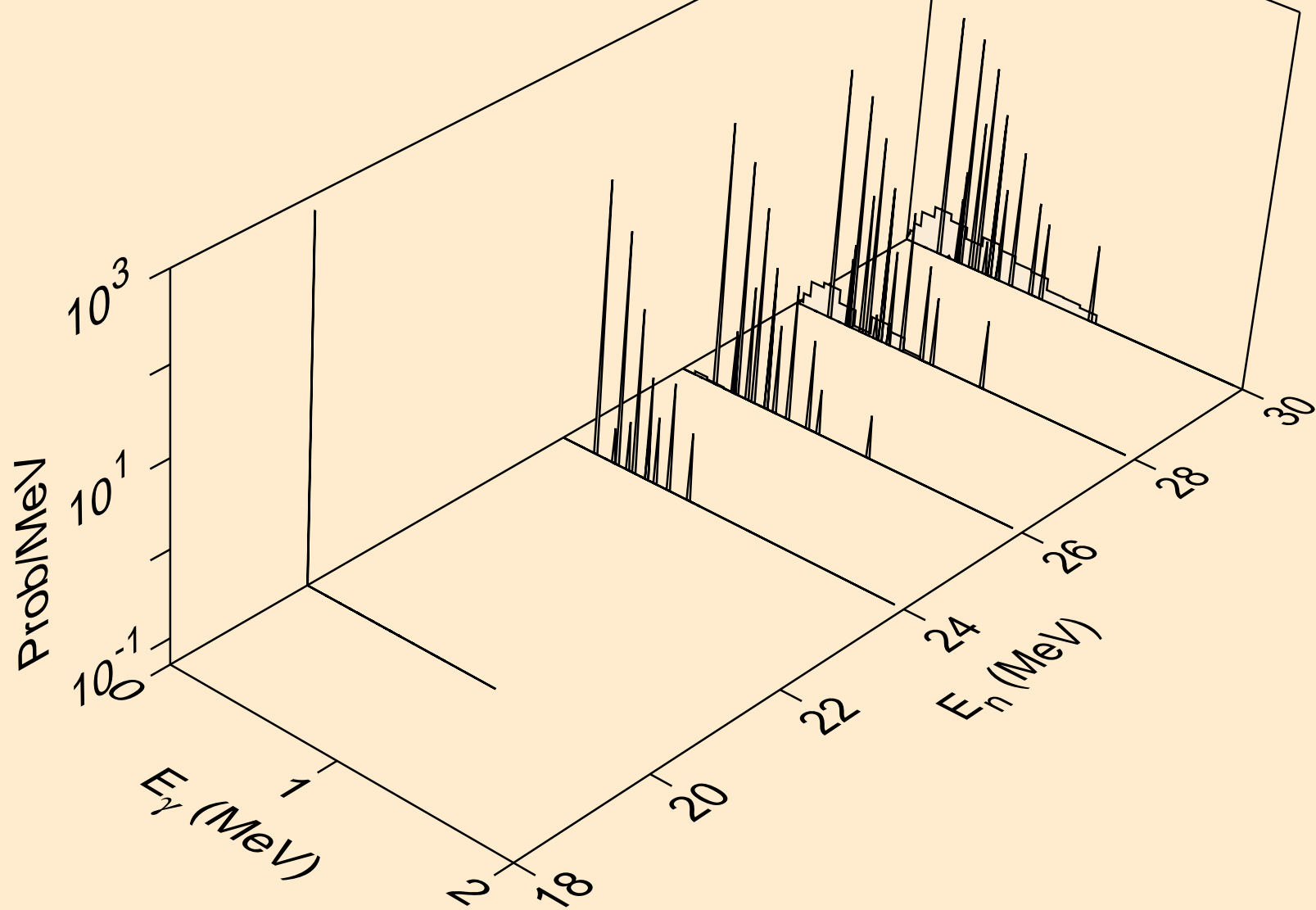
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Photon emission for (z,n)



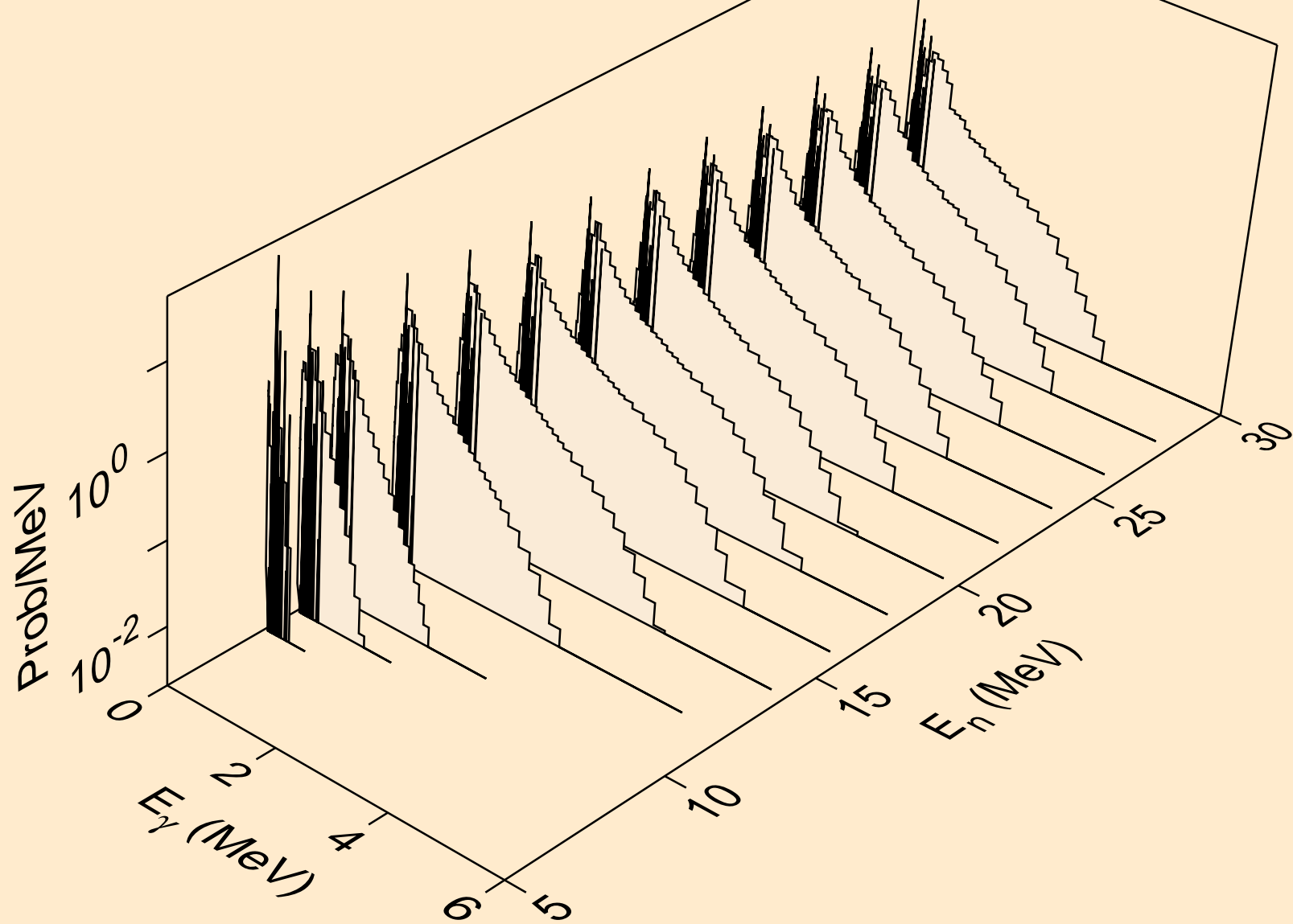
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

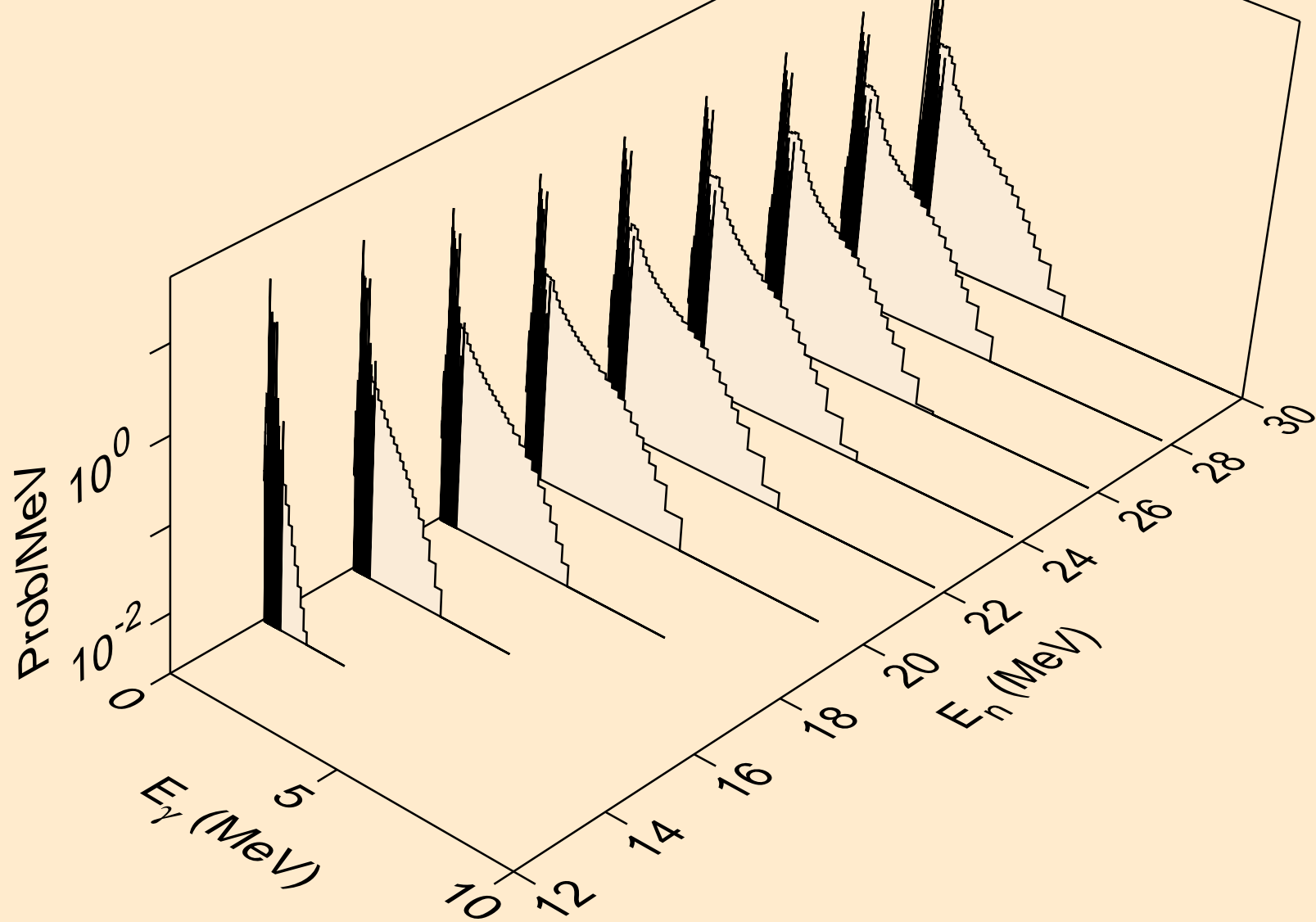


CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

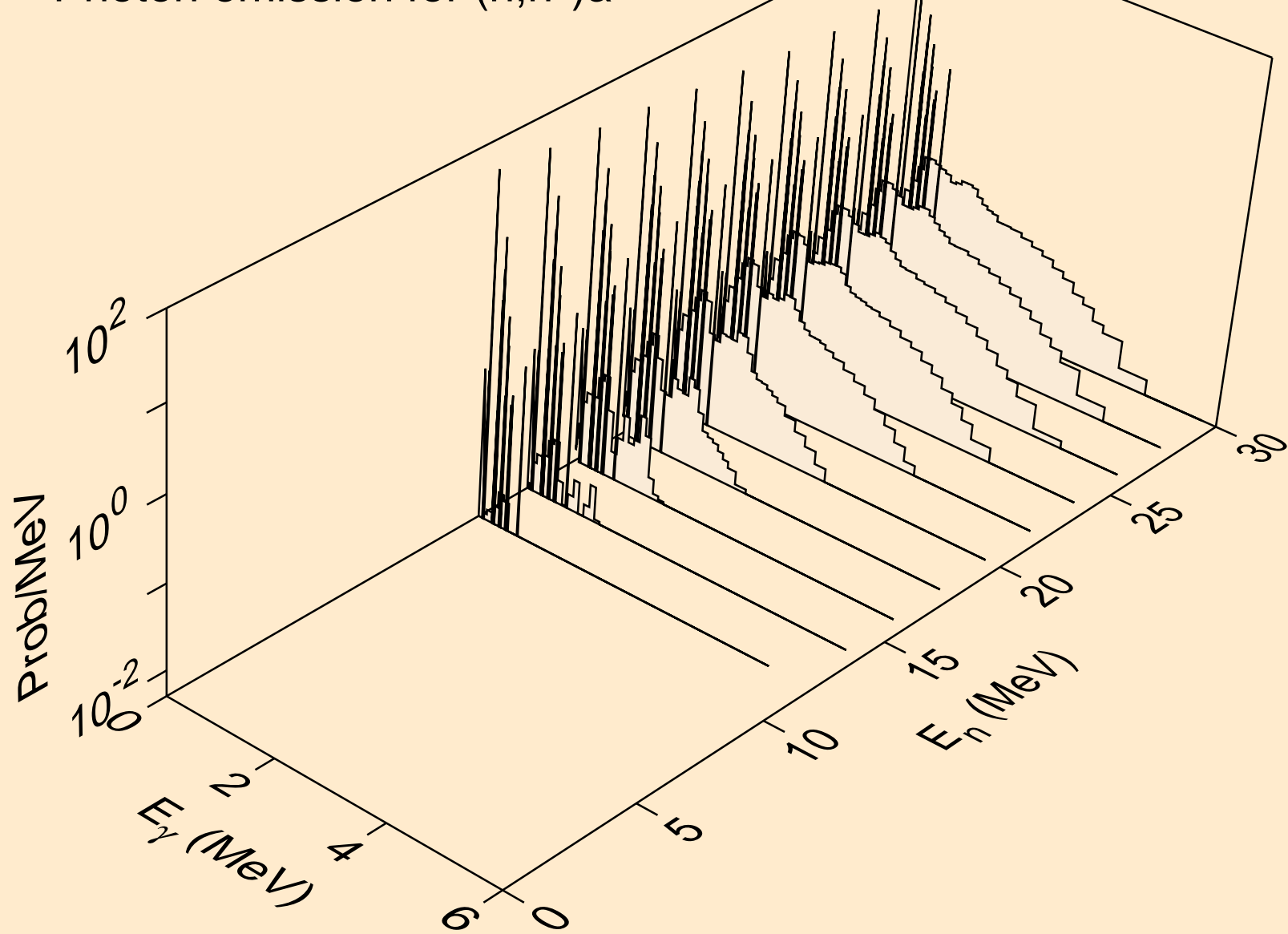




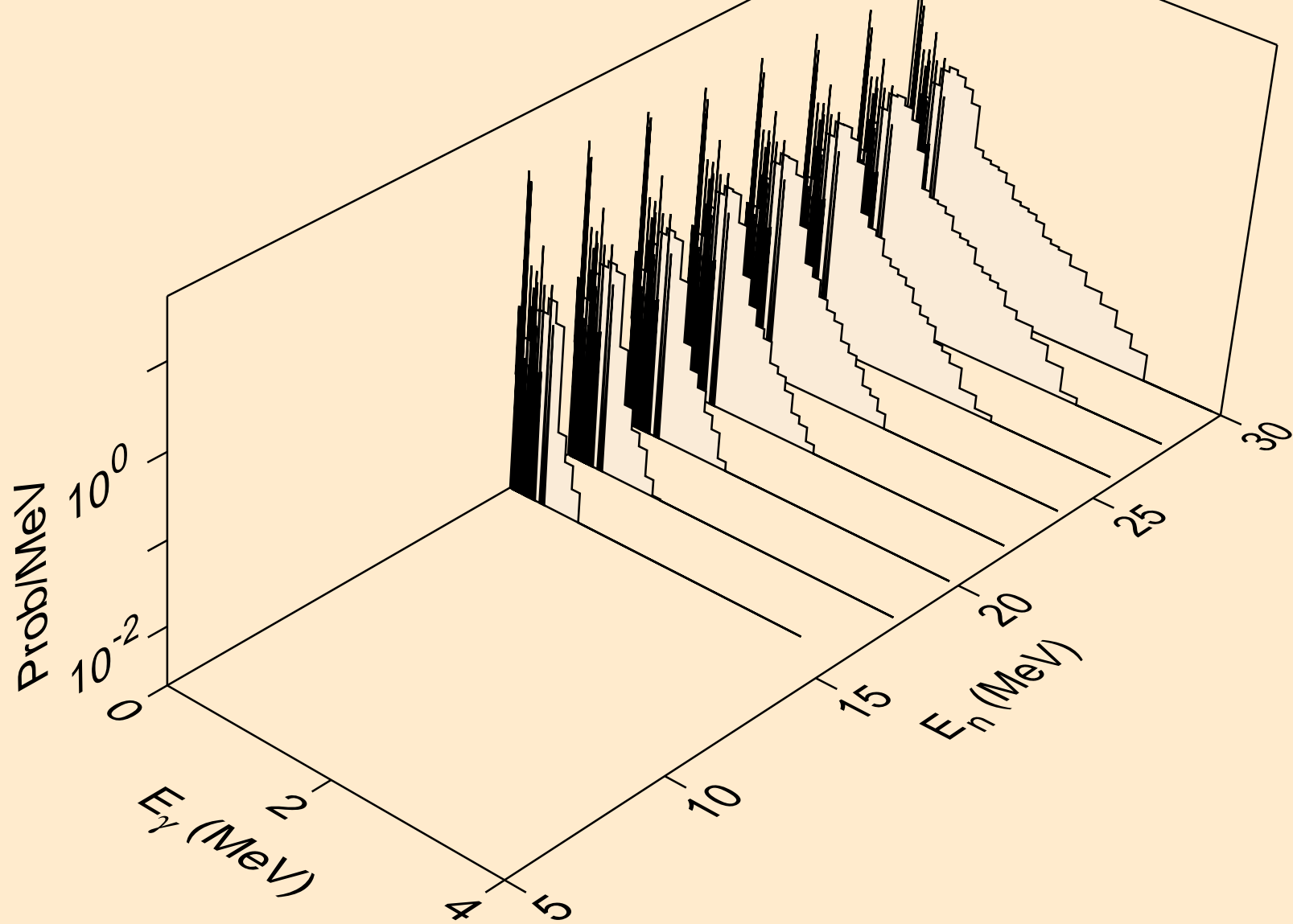
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



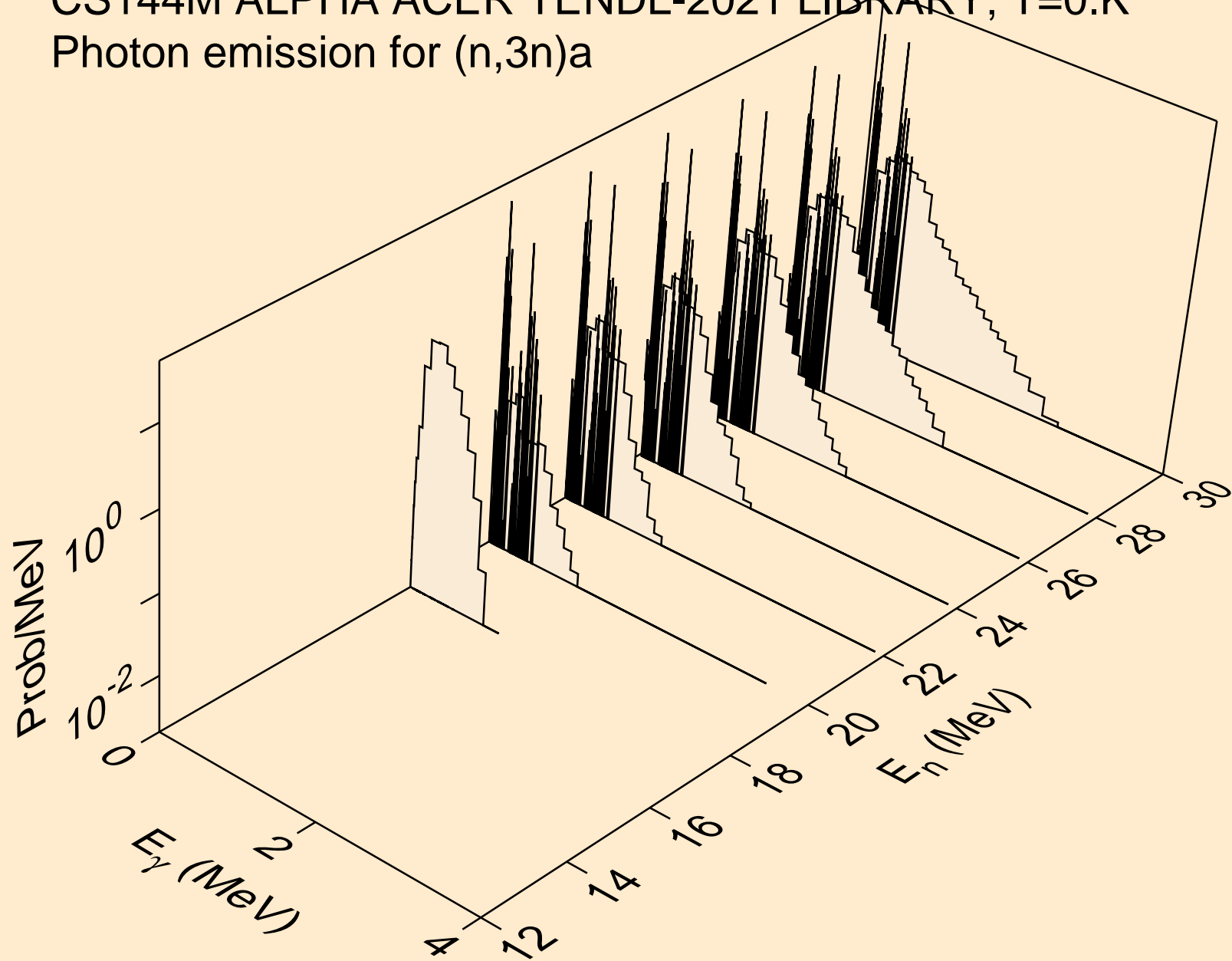
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



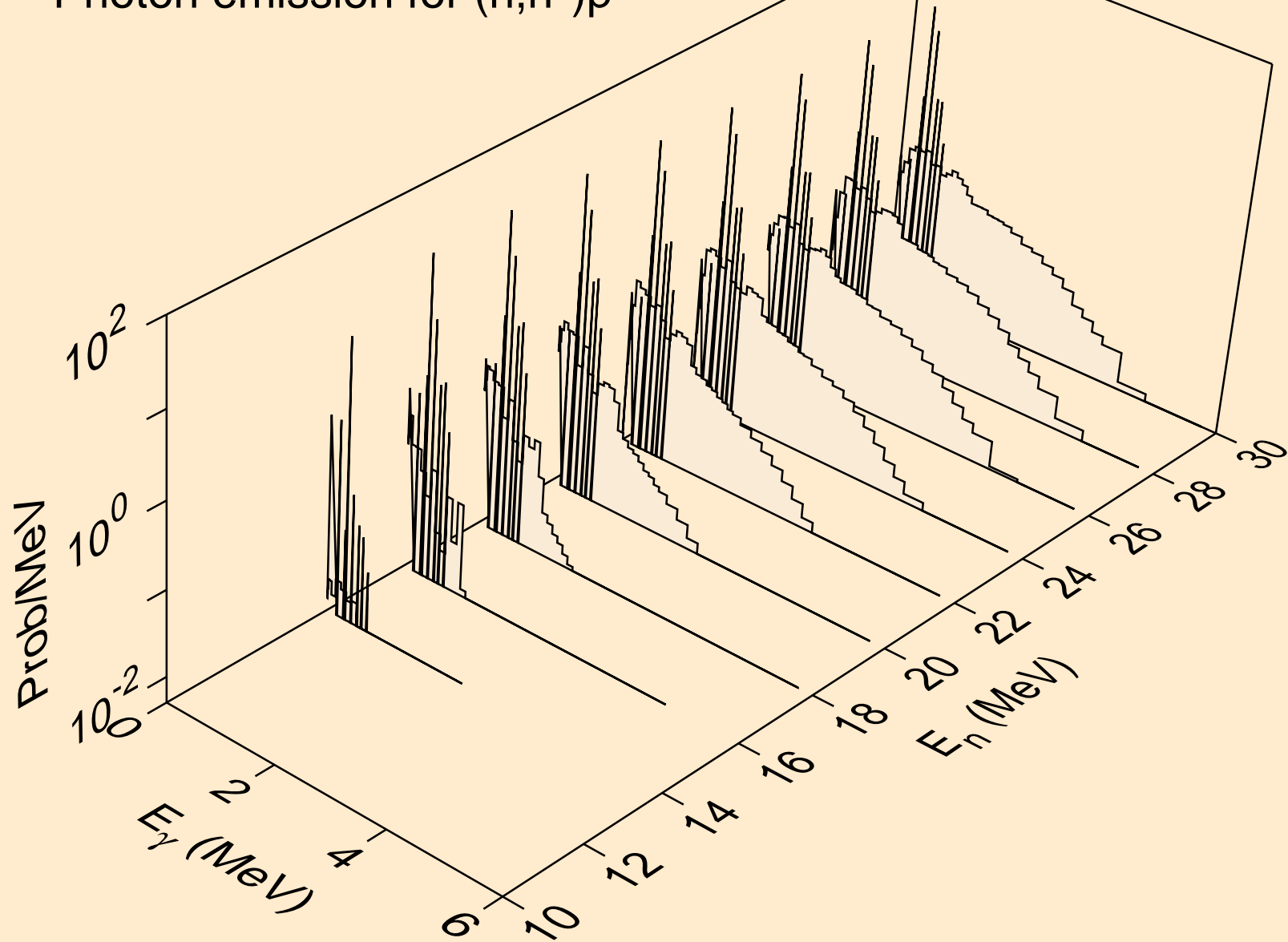
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



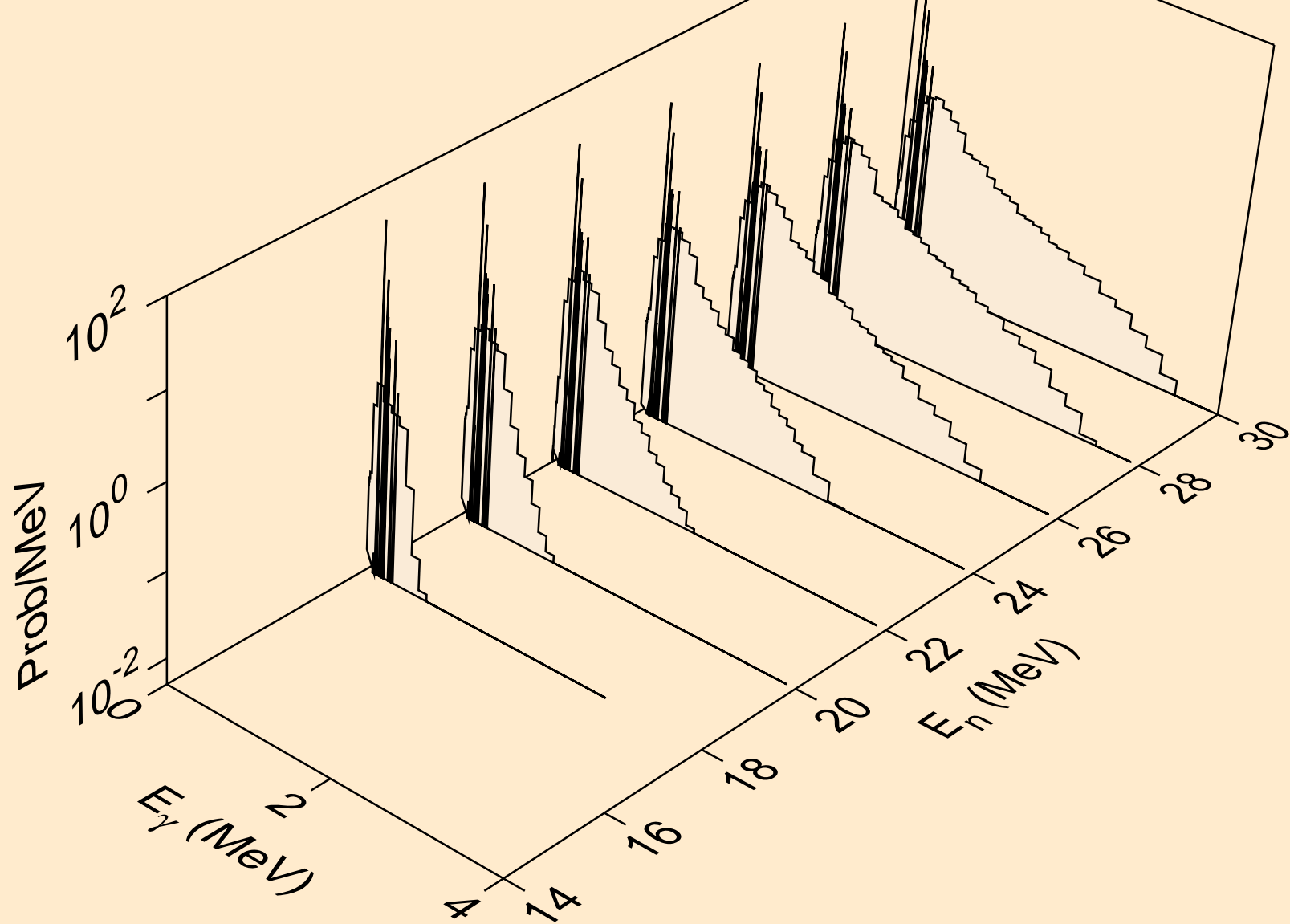
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Photon emission for (n,3n)a



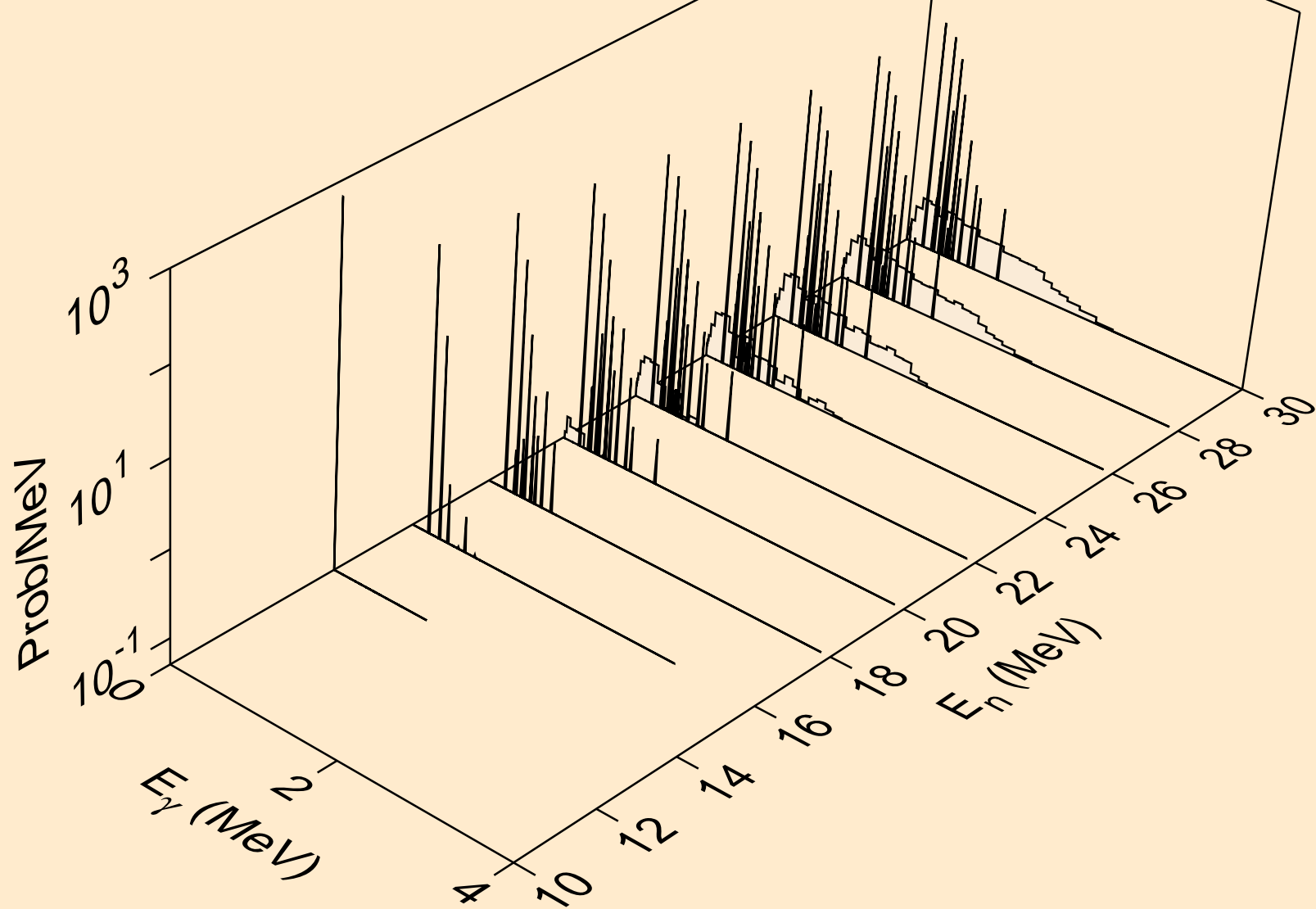
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



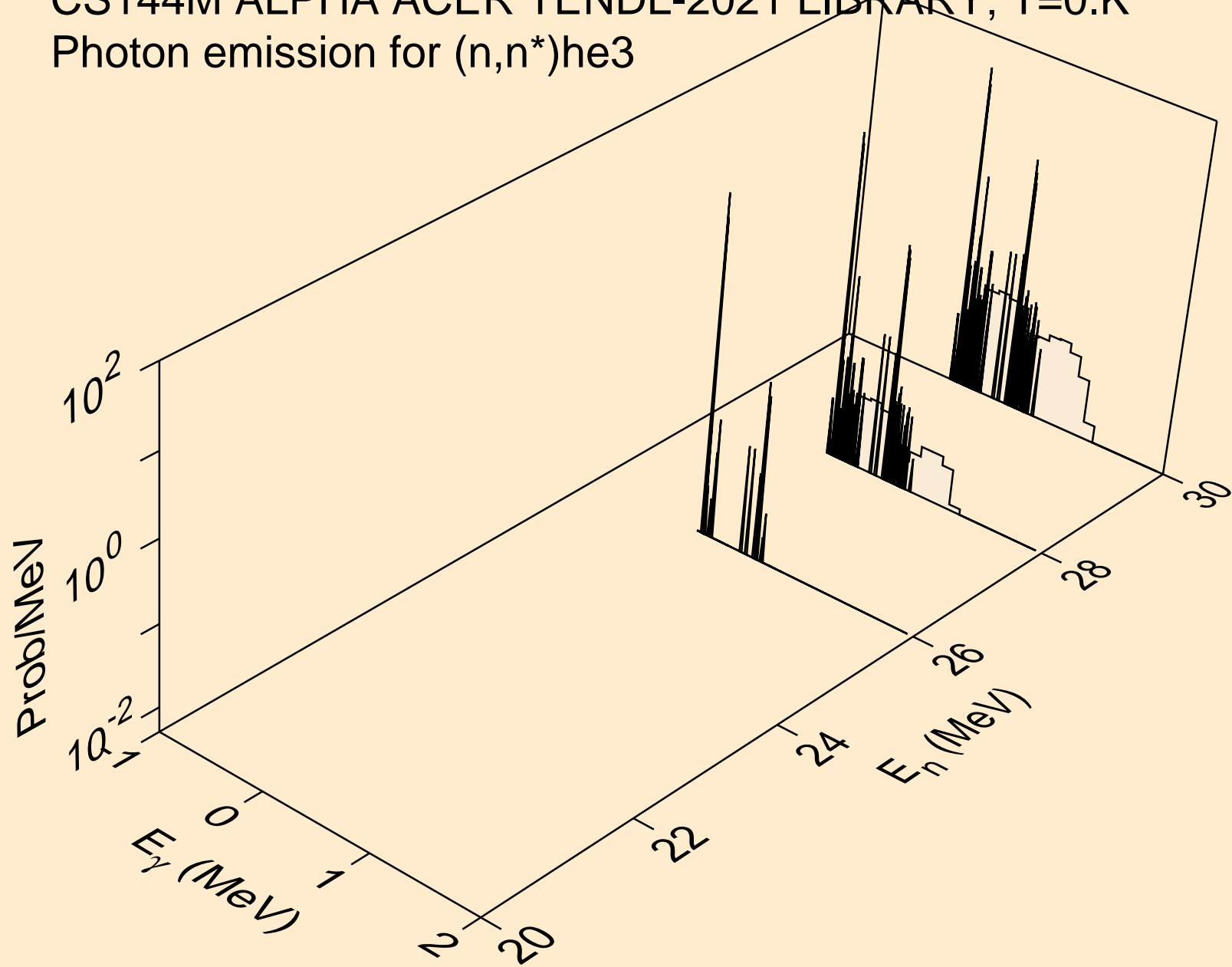
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

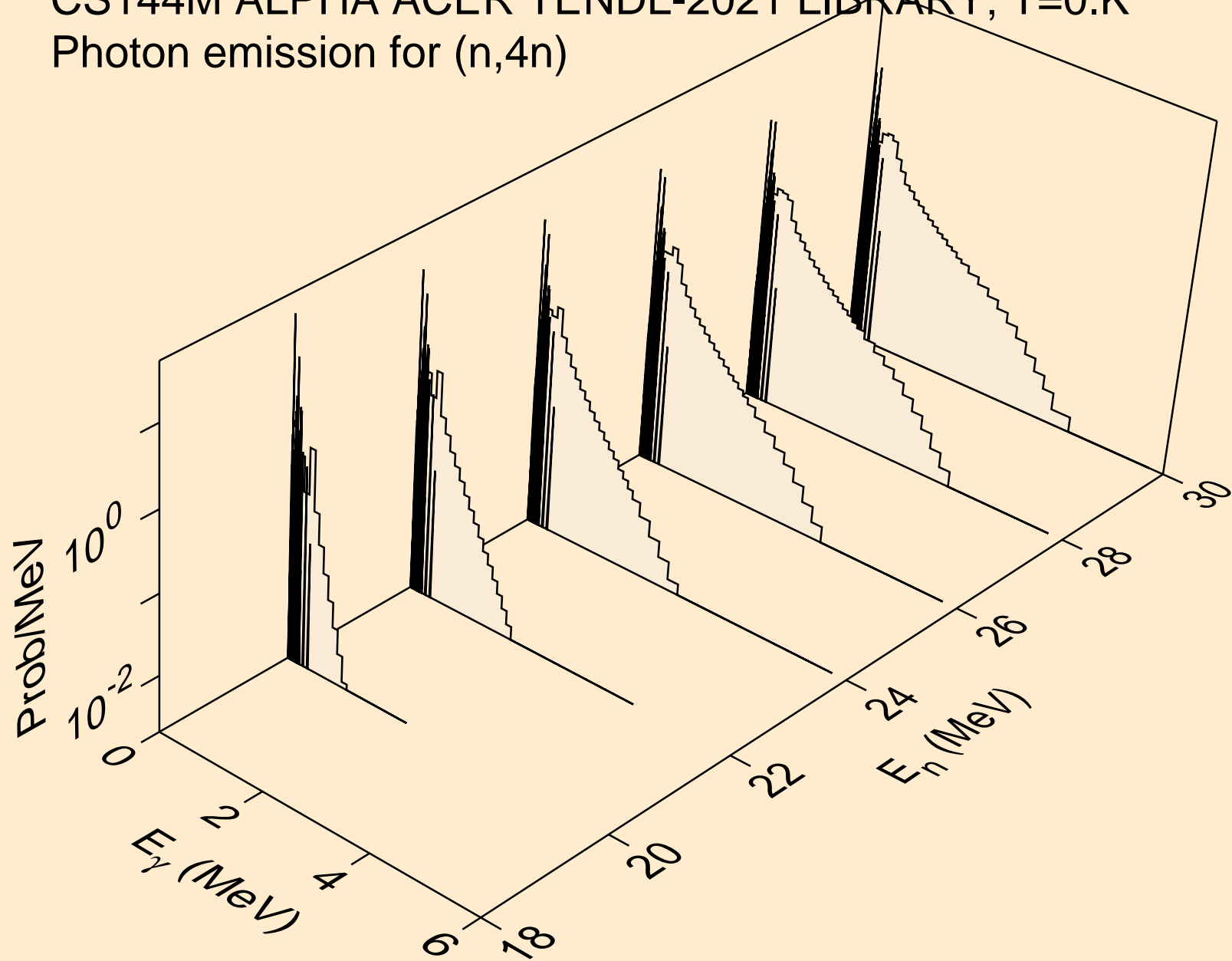


CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

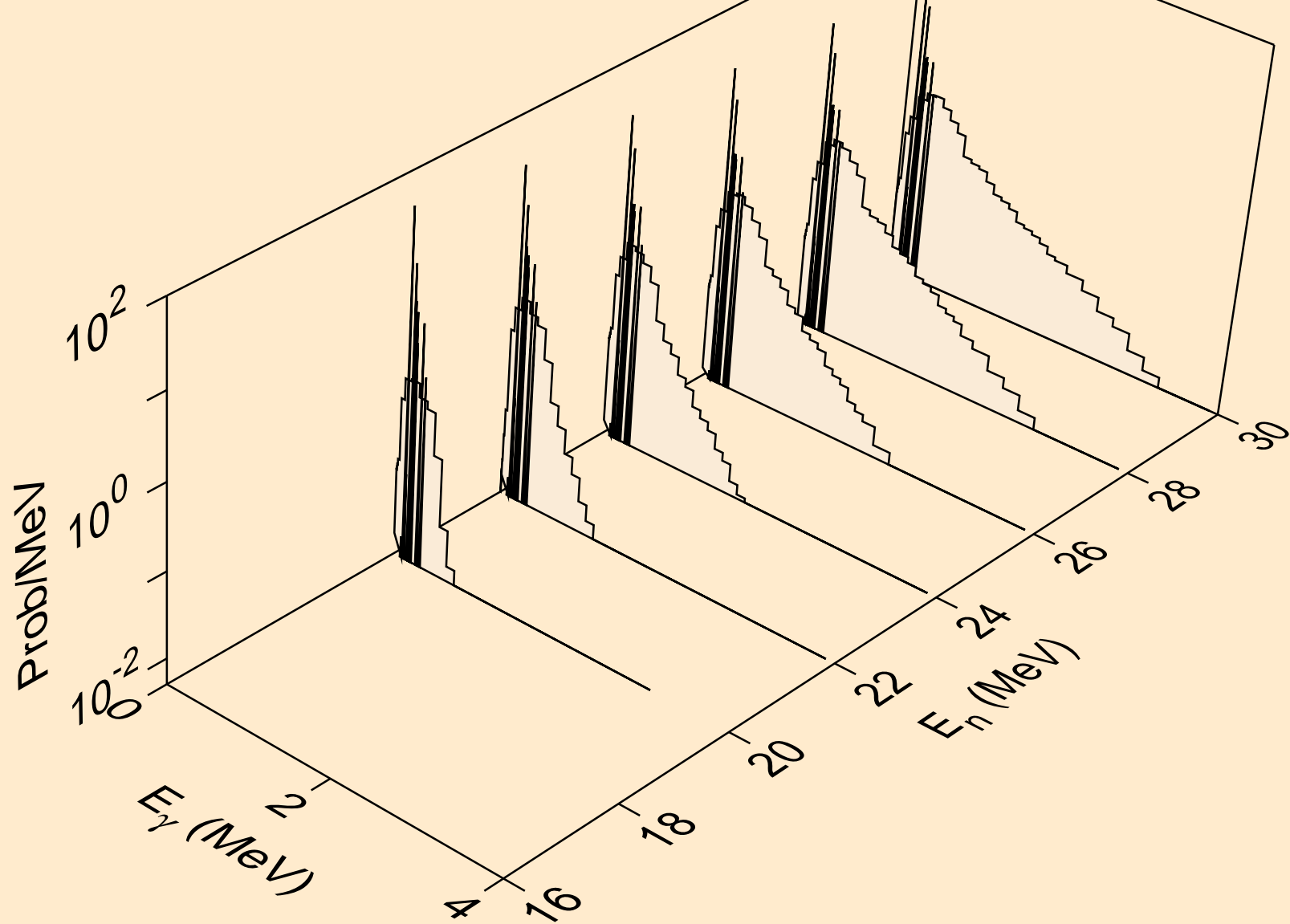




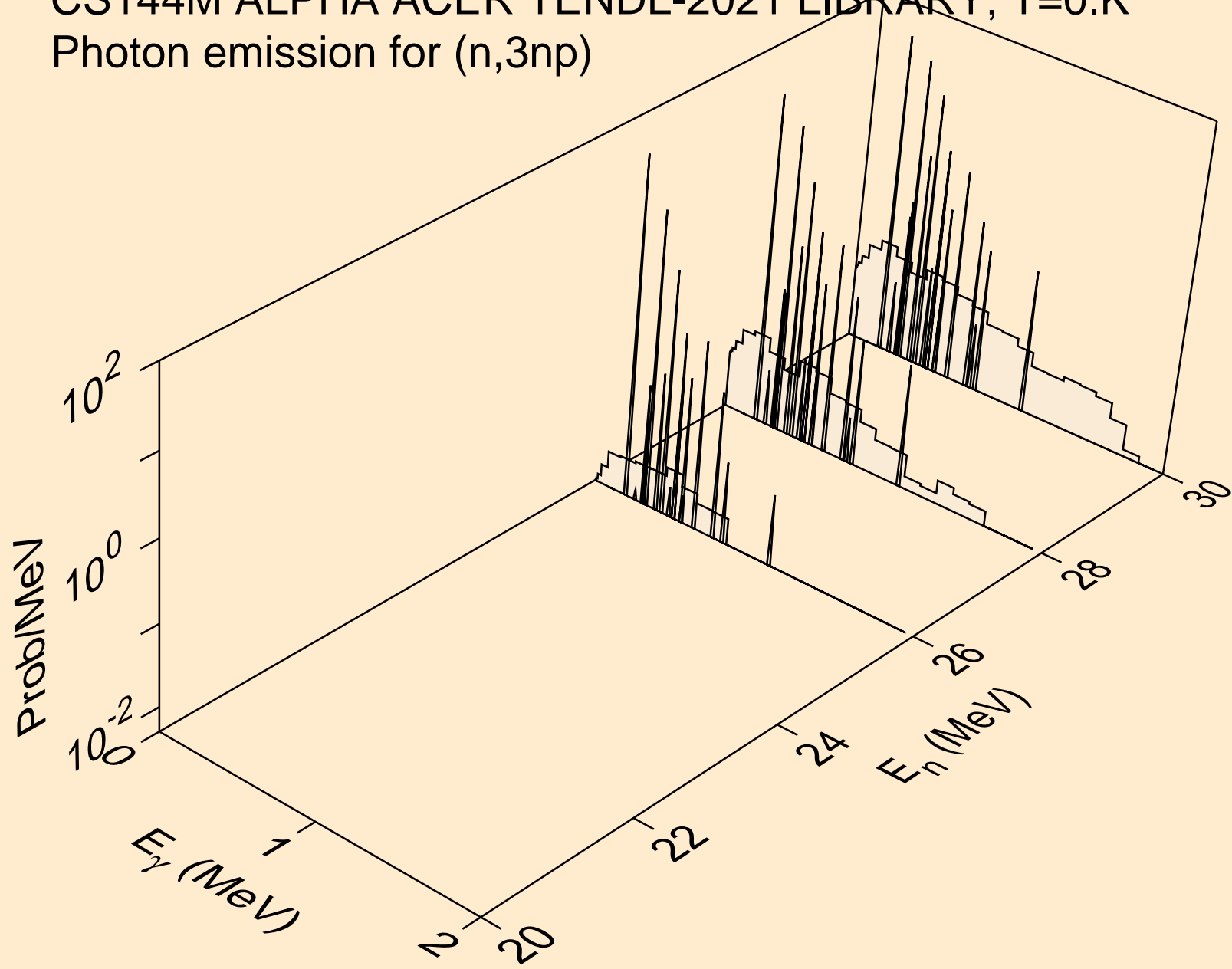
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



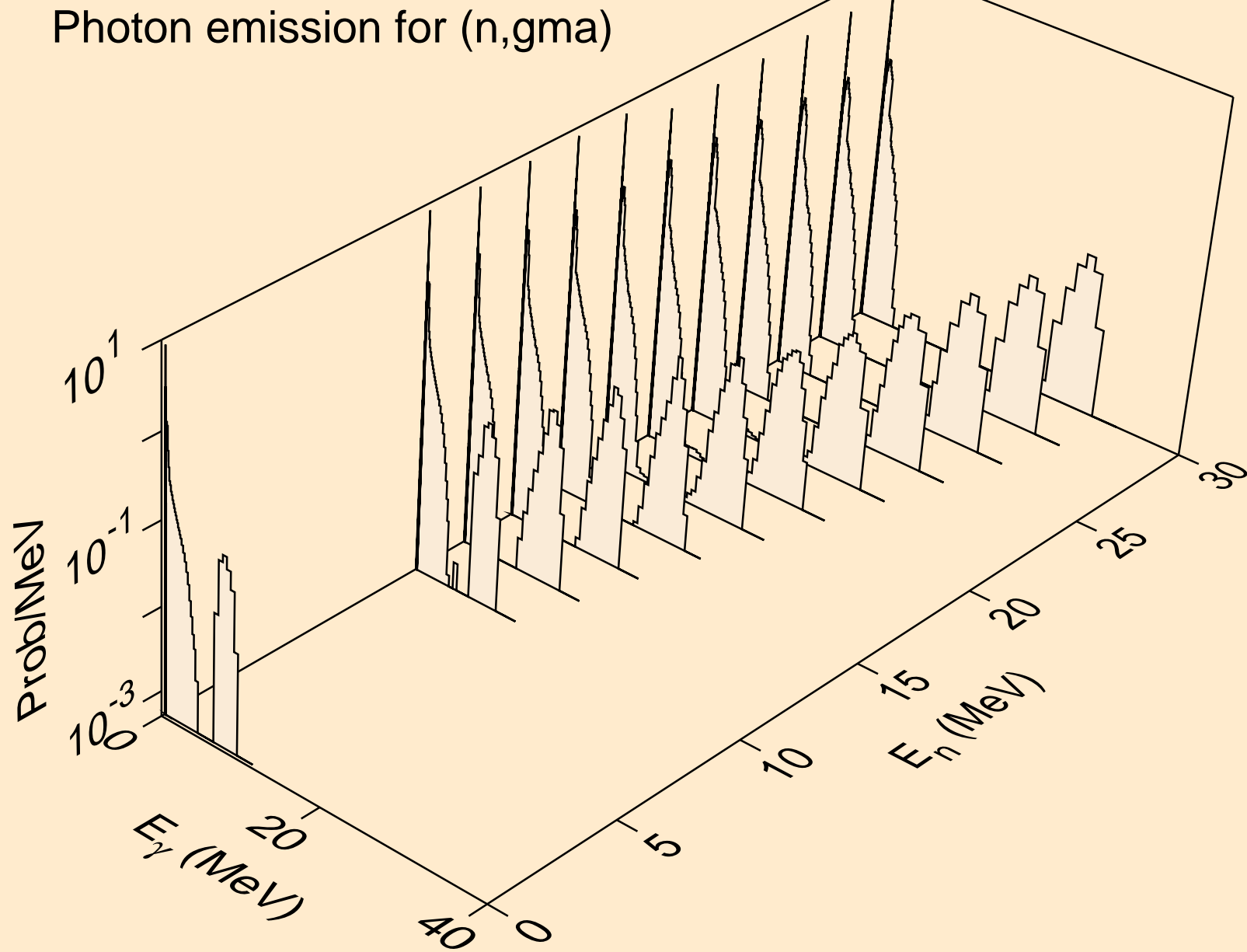
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Photon emission for (n,2np)



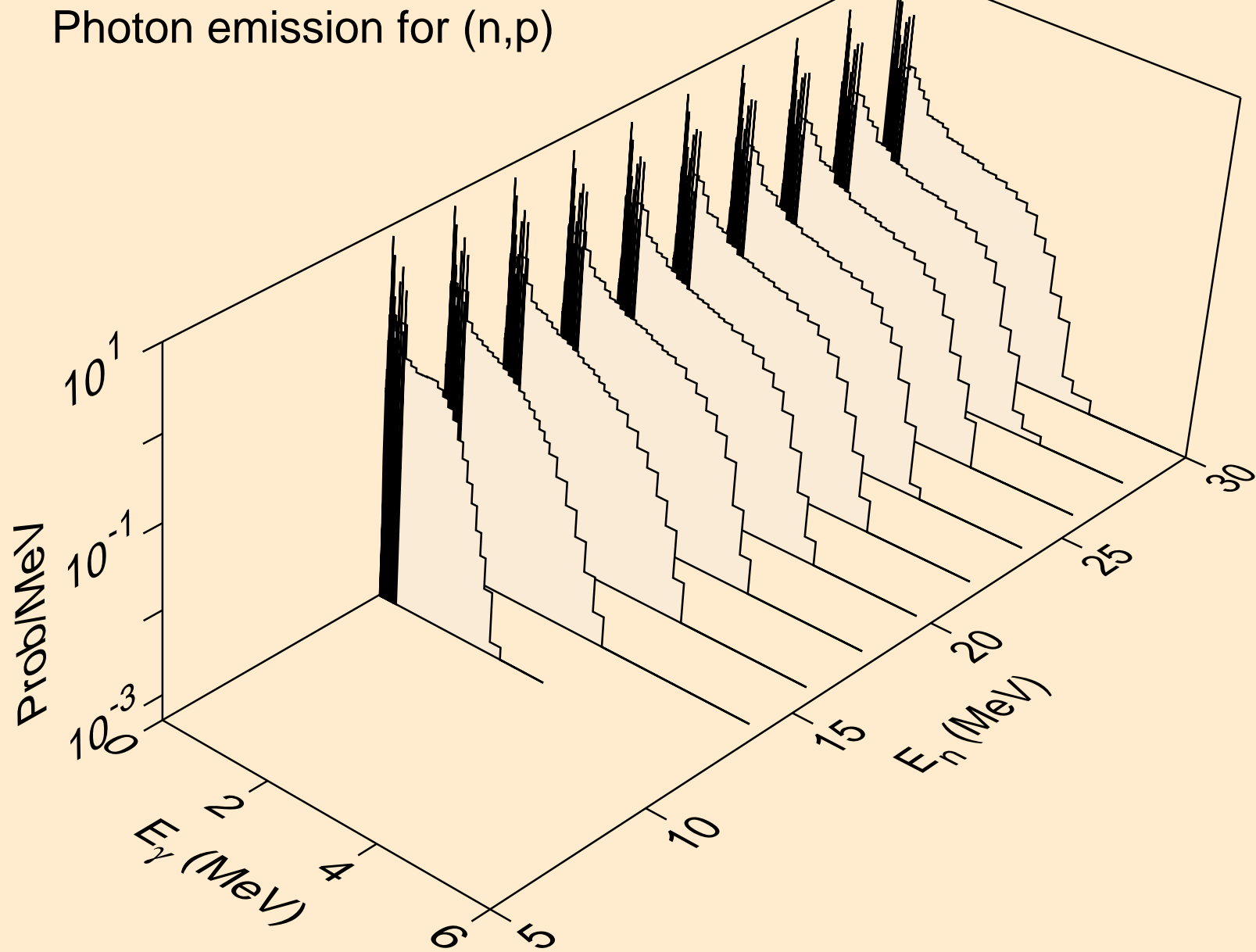
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Photon emission for (n,3np)



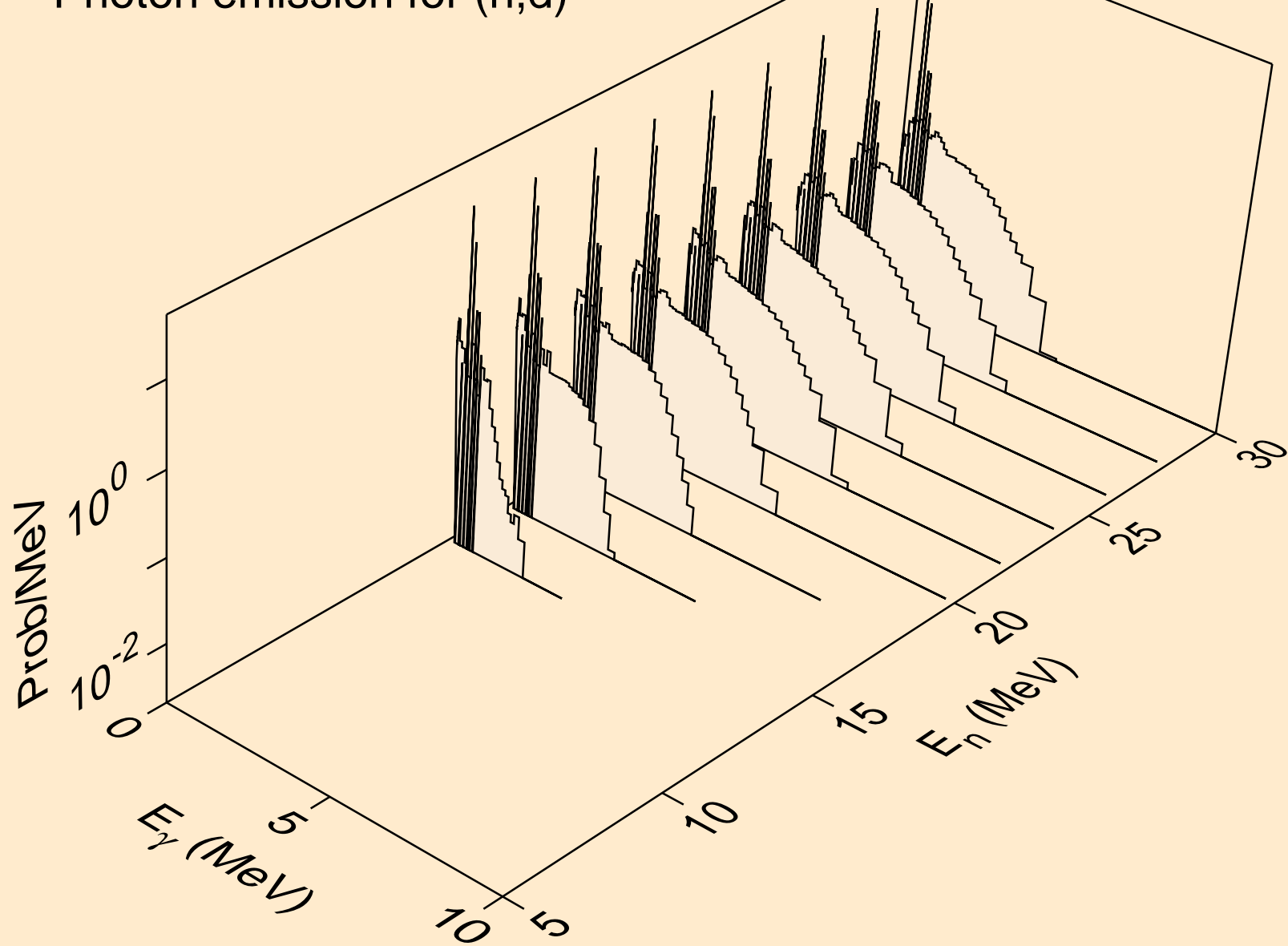
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Photon emission for (n,gma)



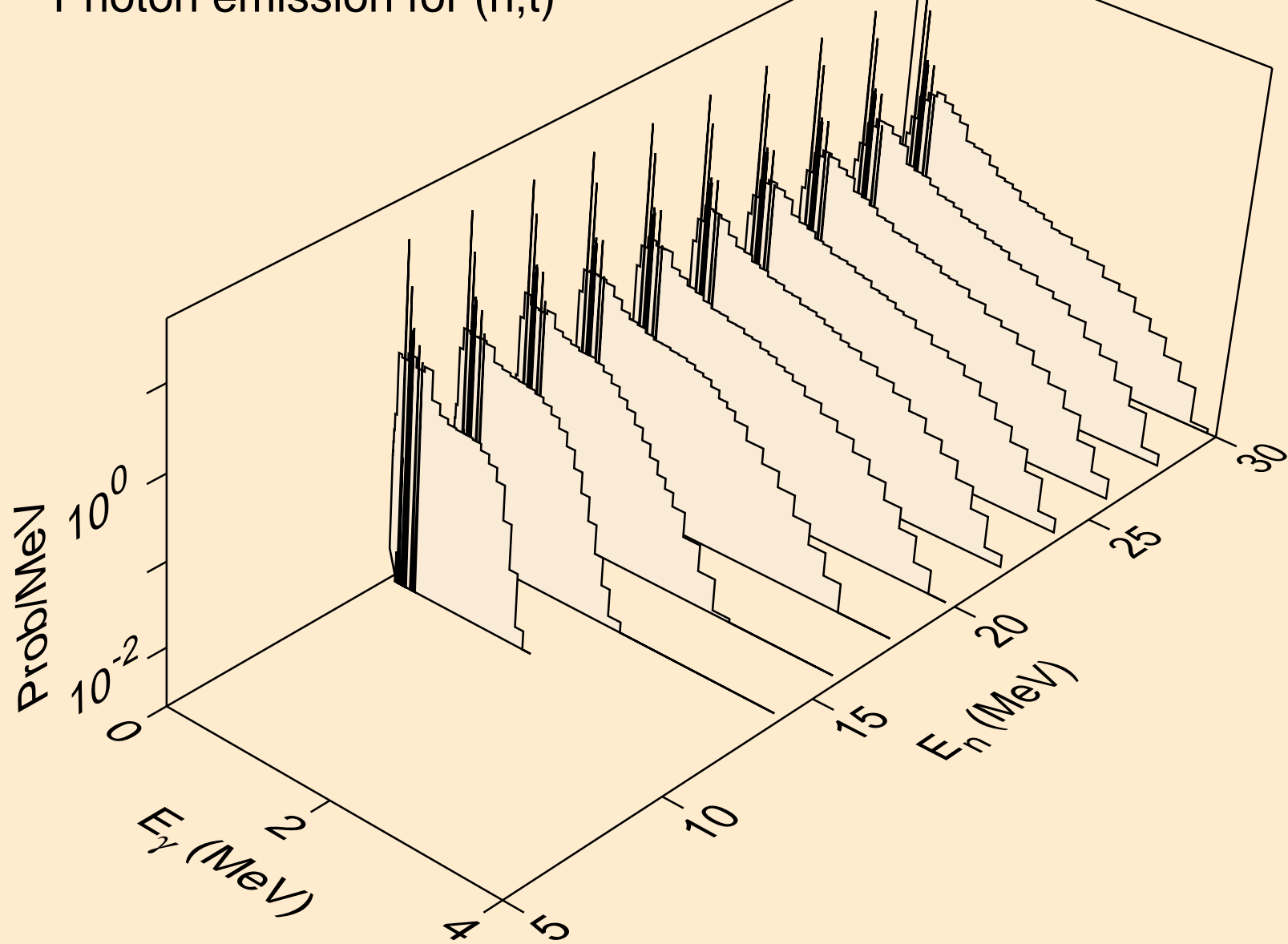
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



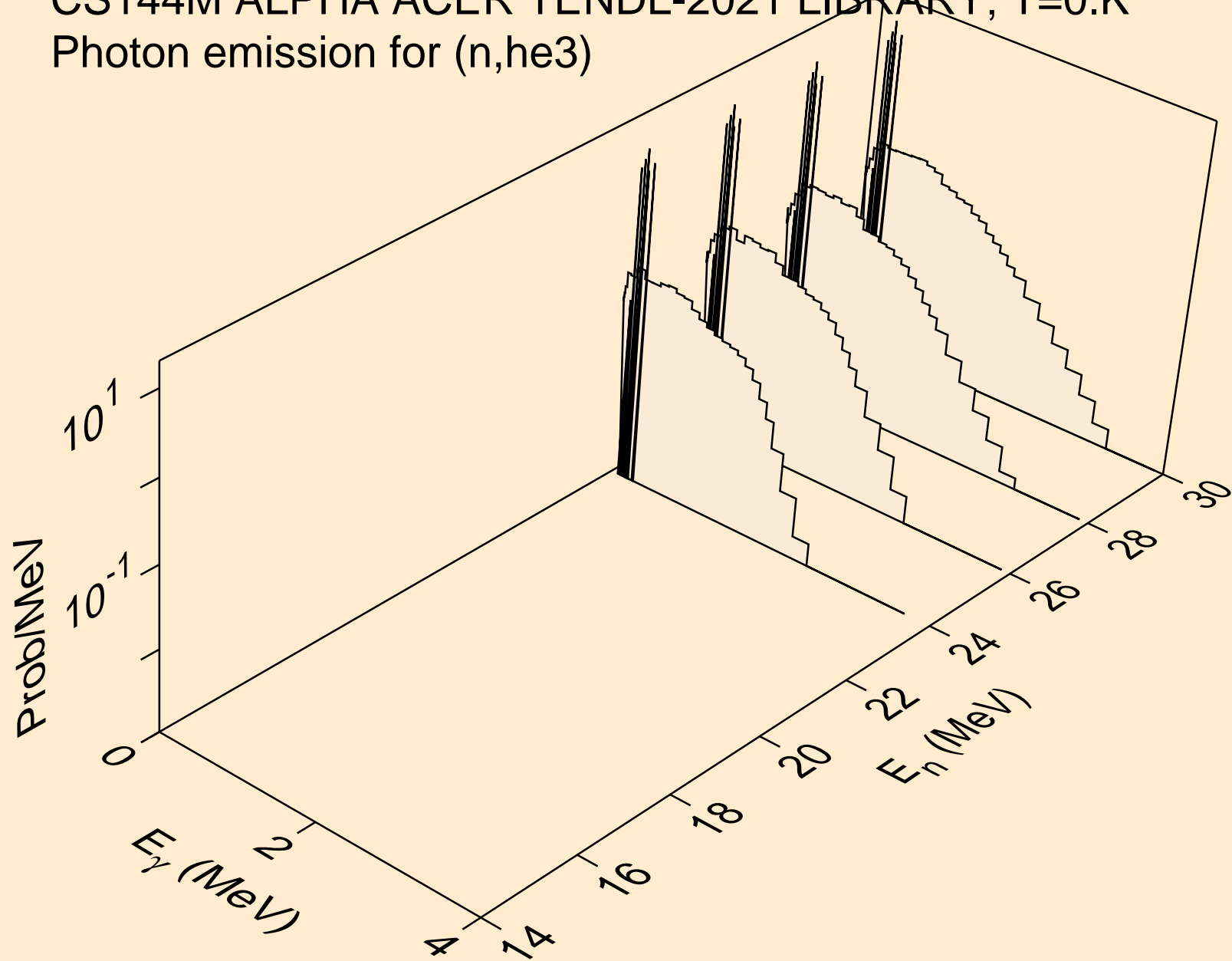
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

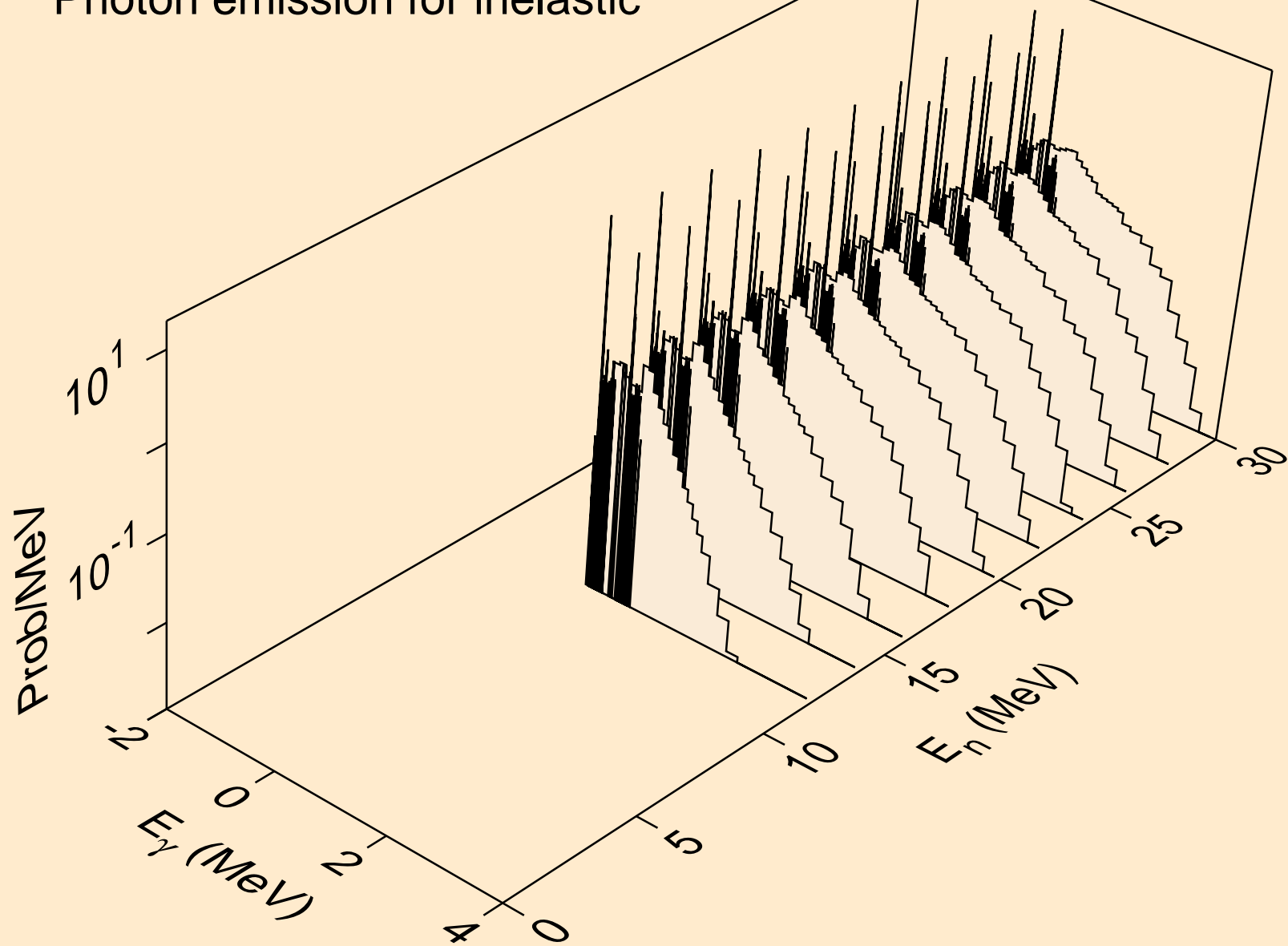


CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

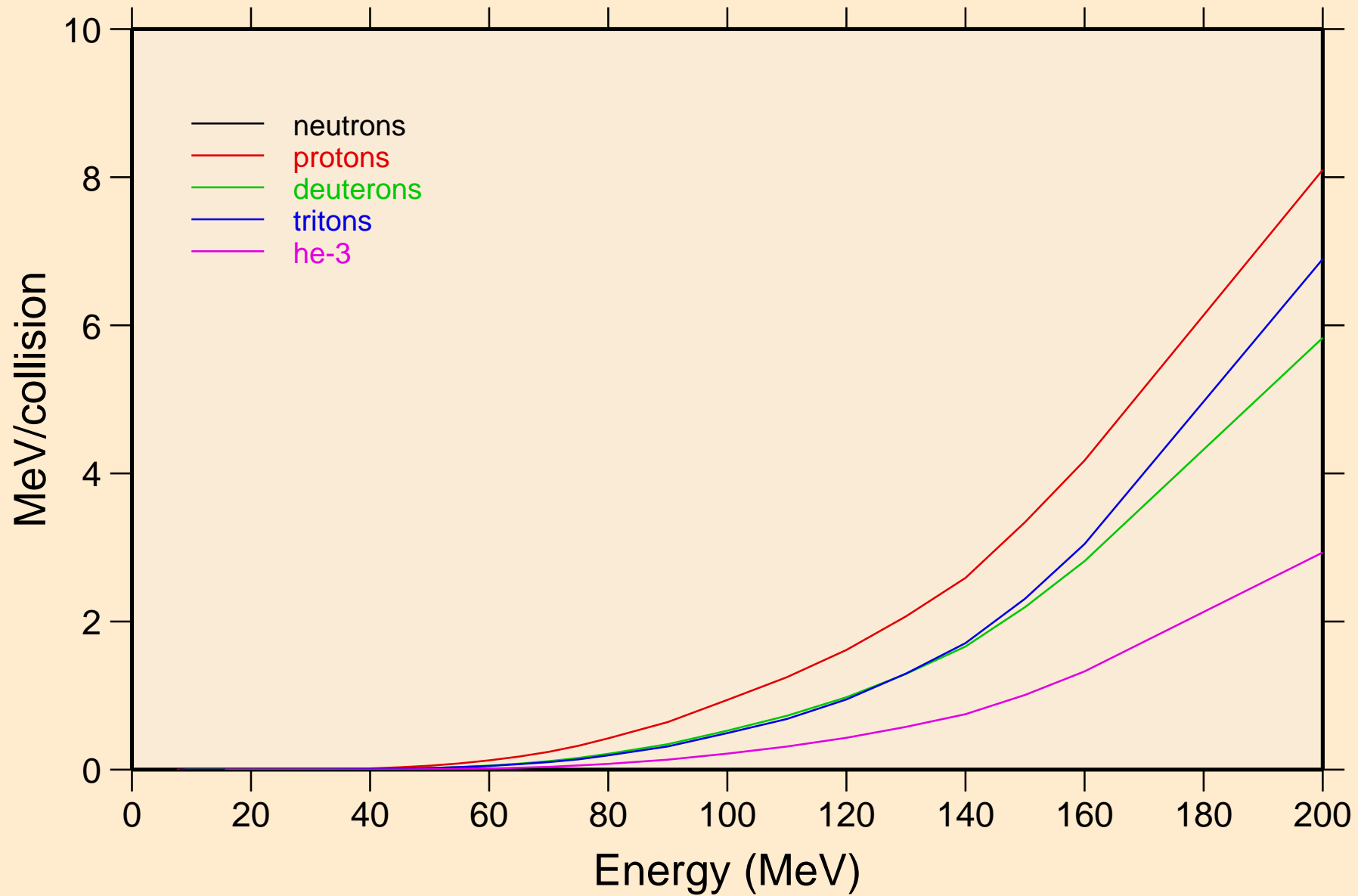




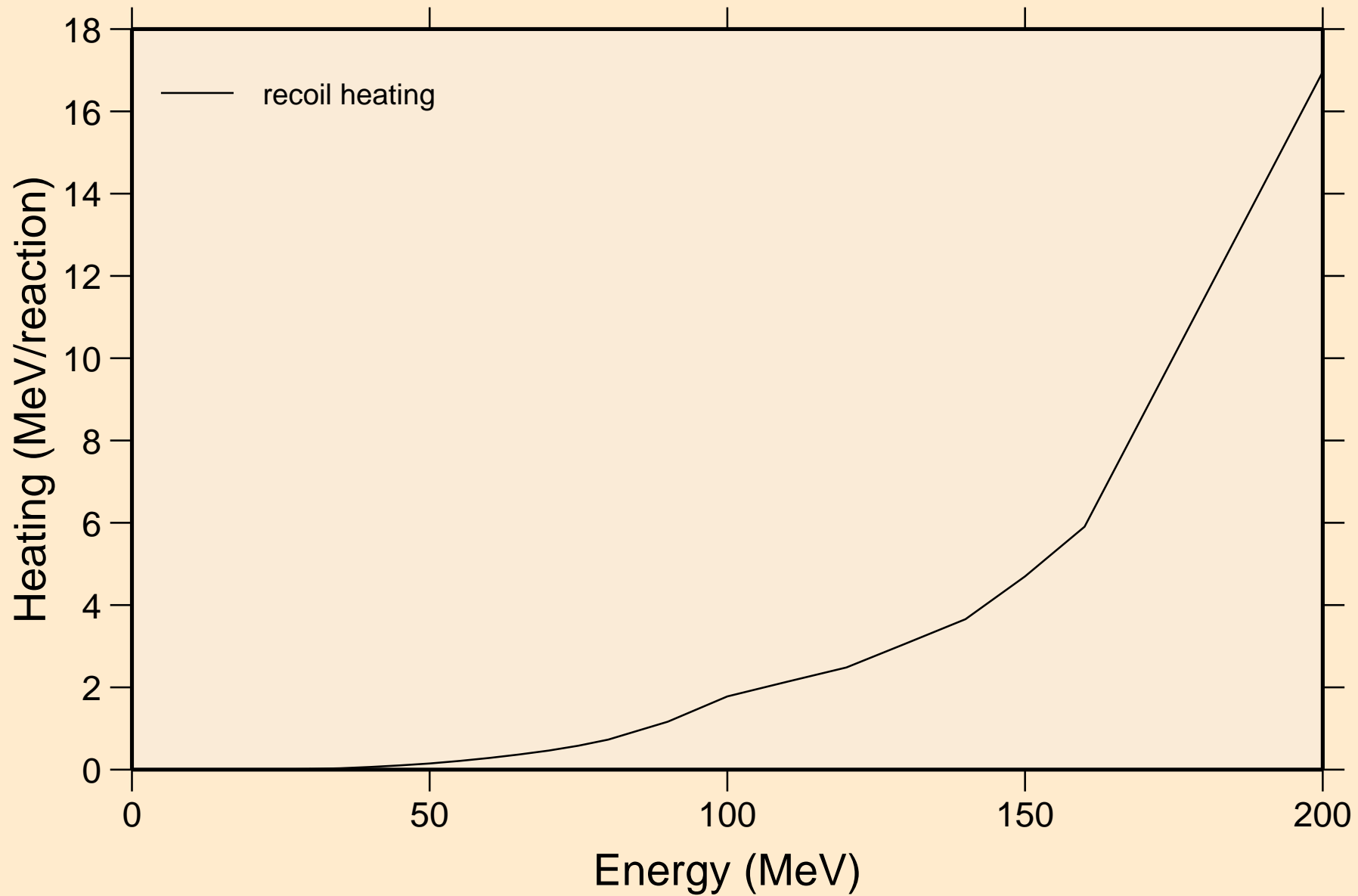
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



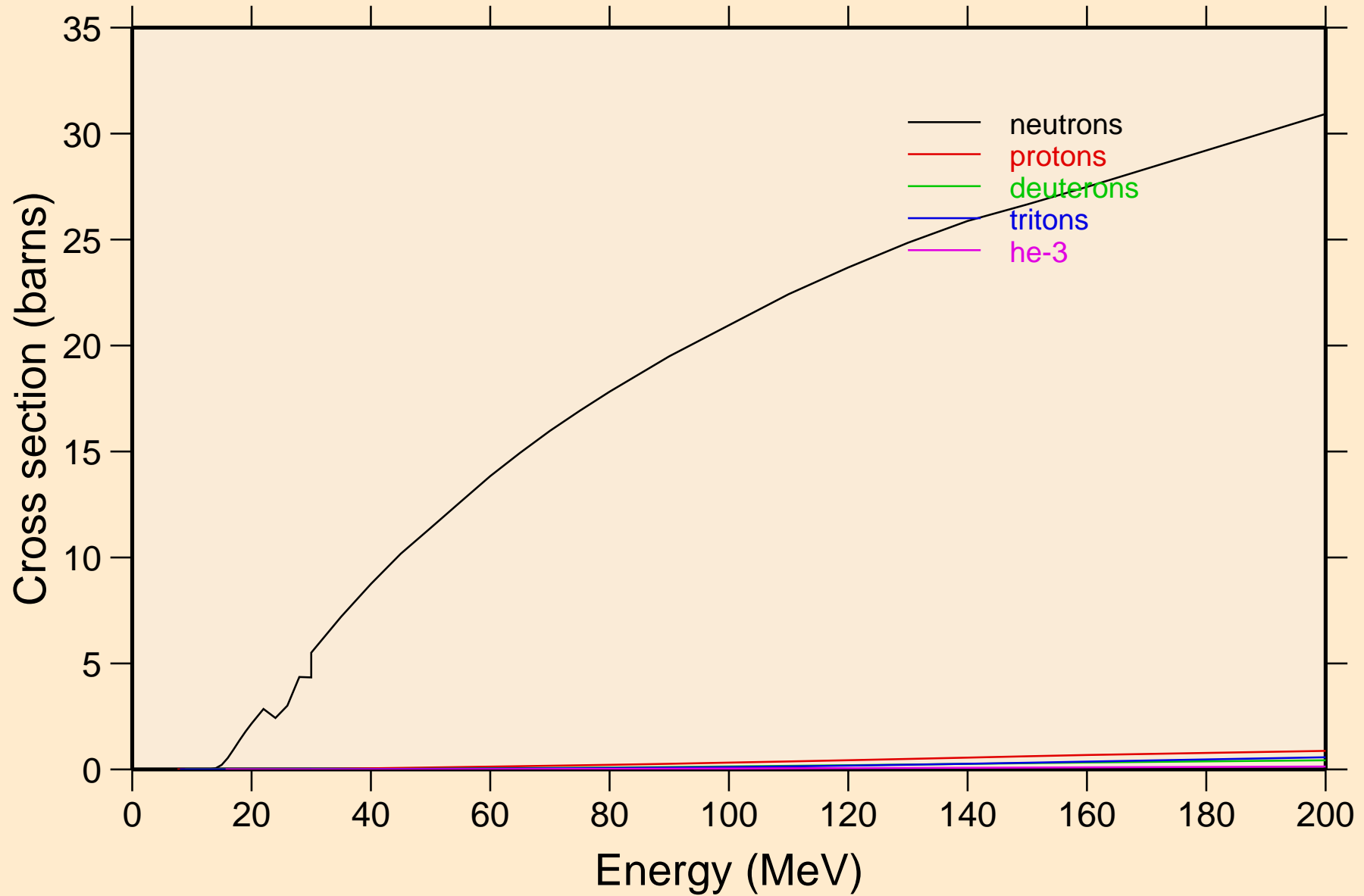
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



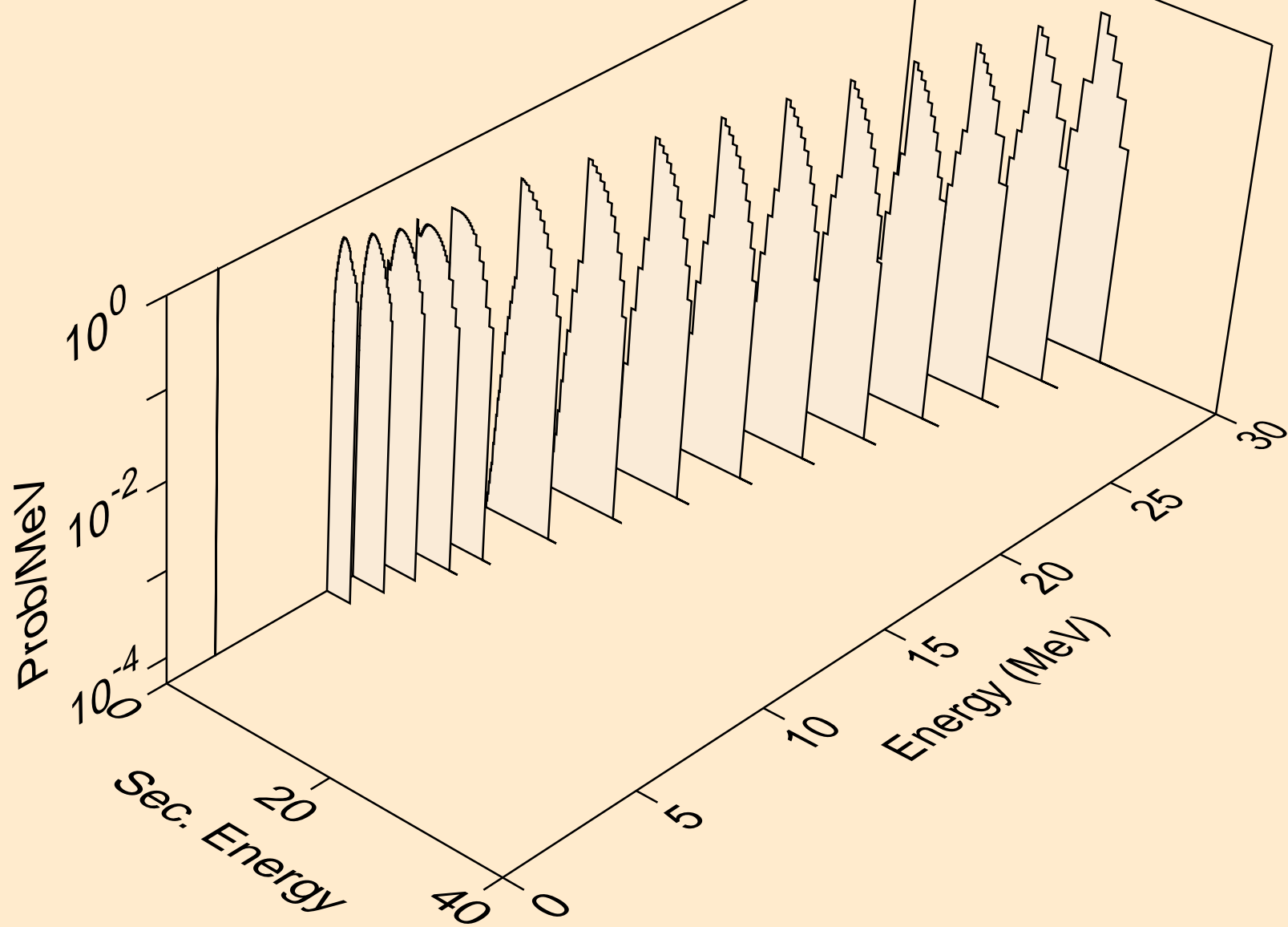
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Recoil Heating



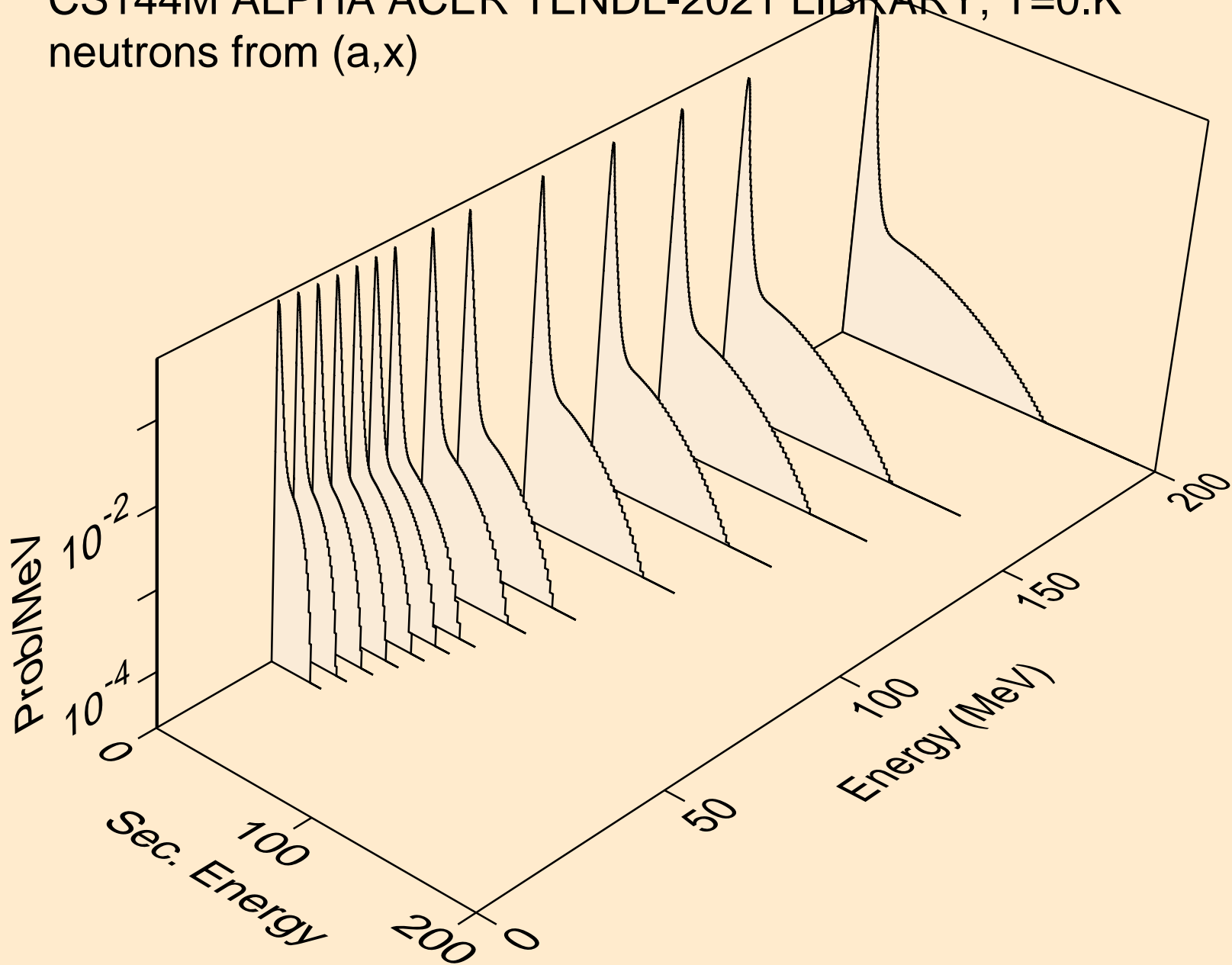
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



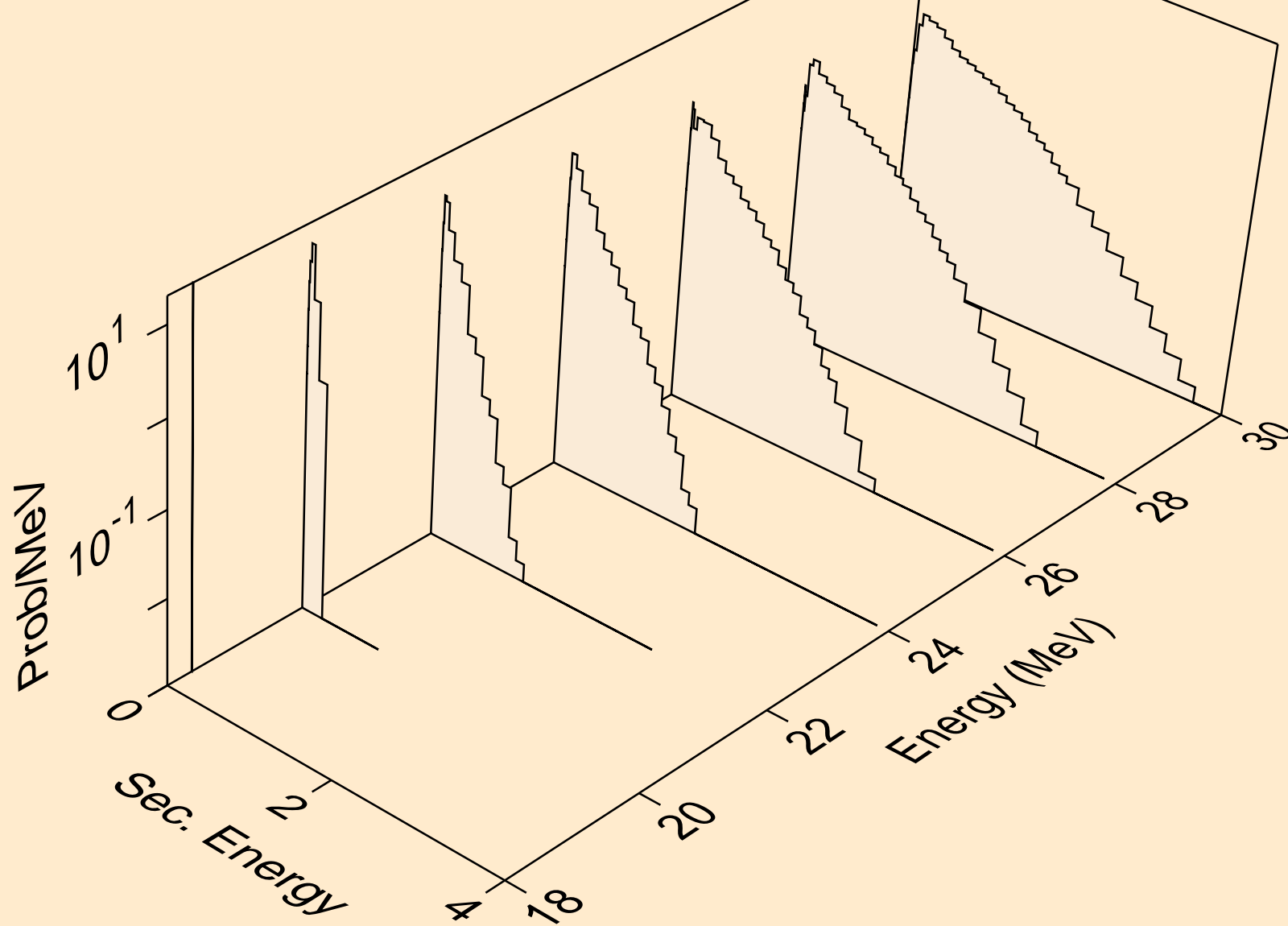
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



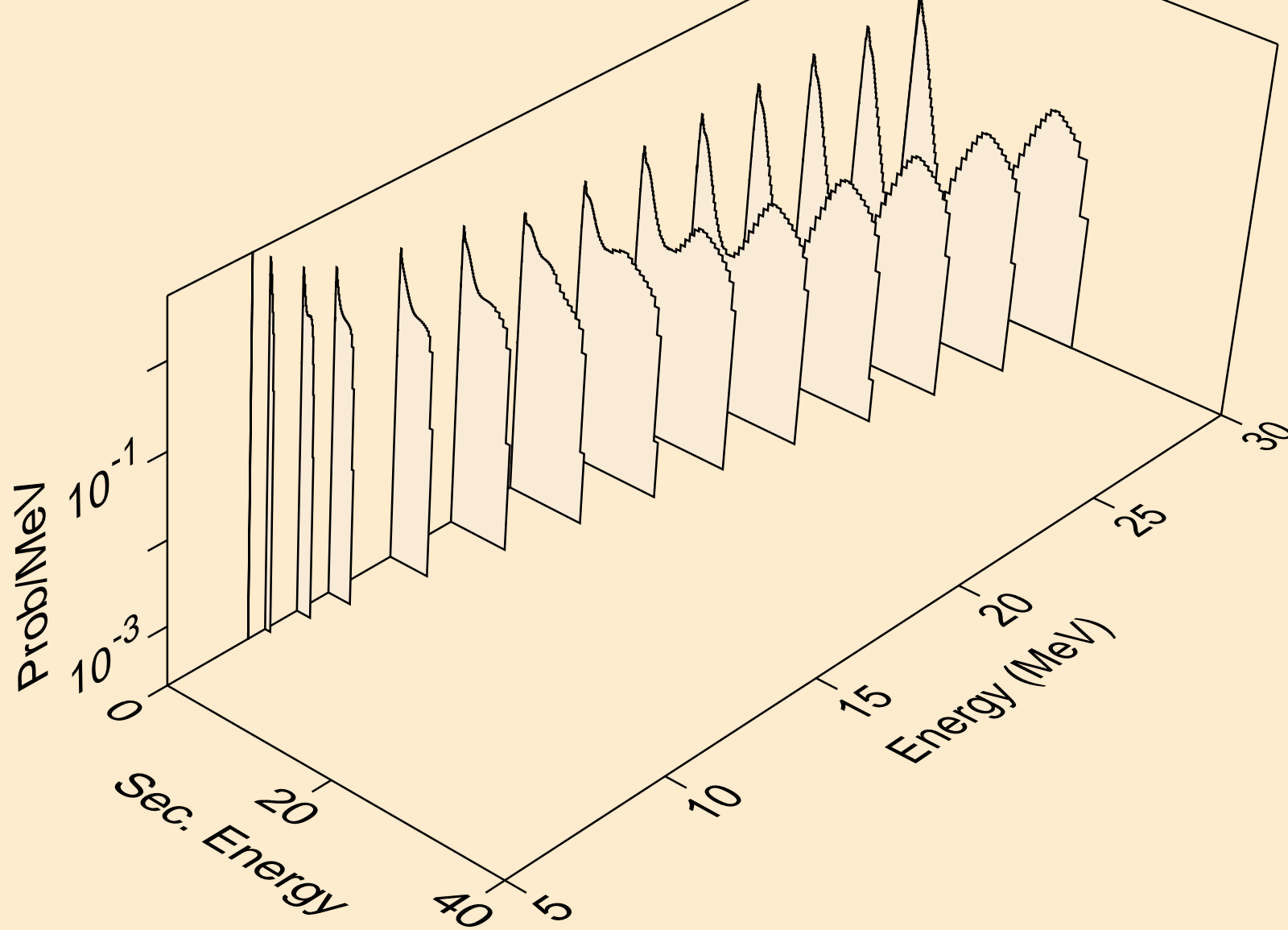
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2nd)

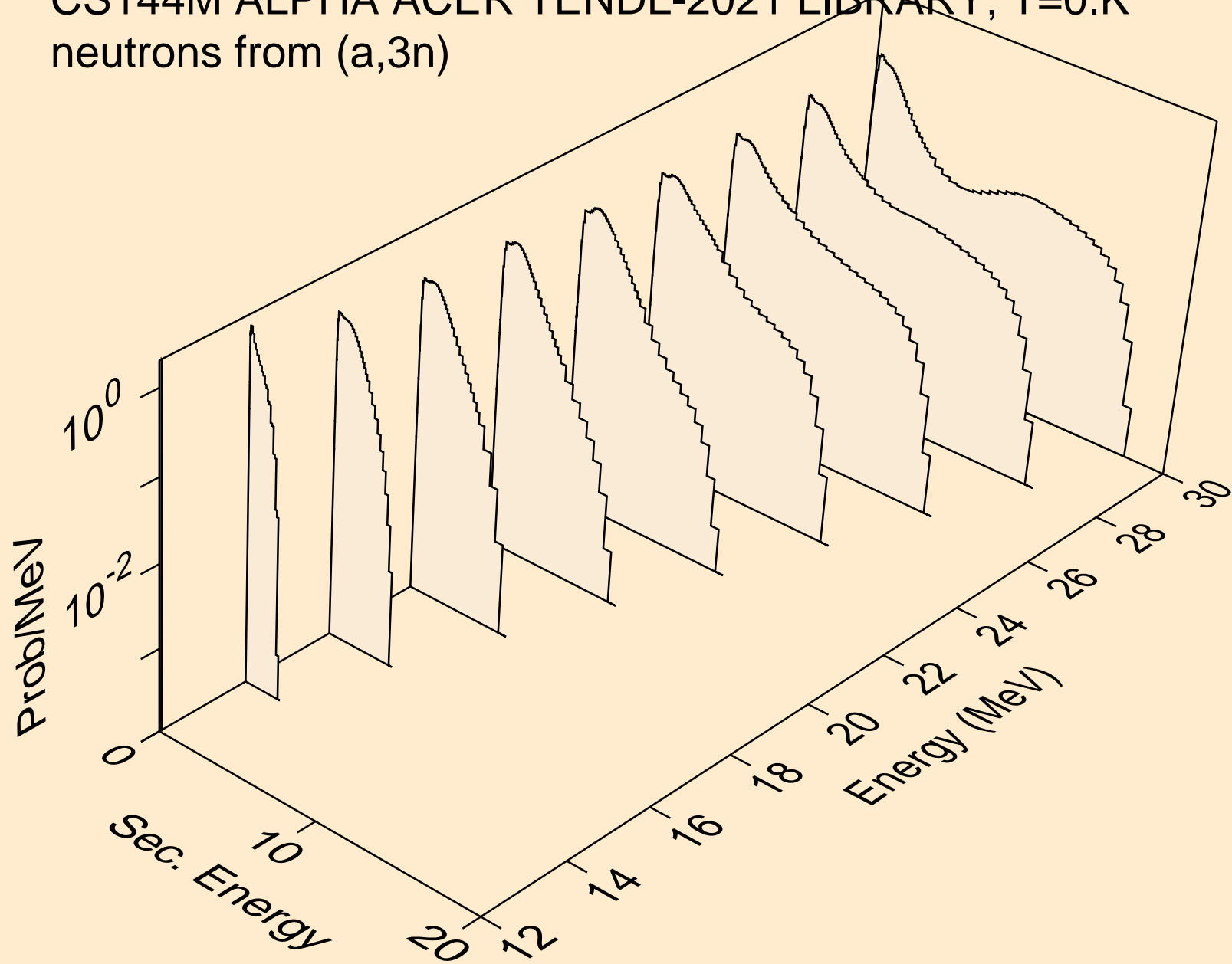


CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)

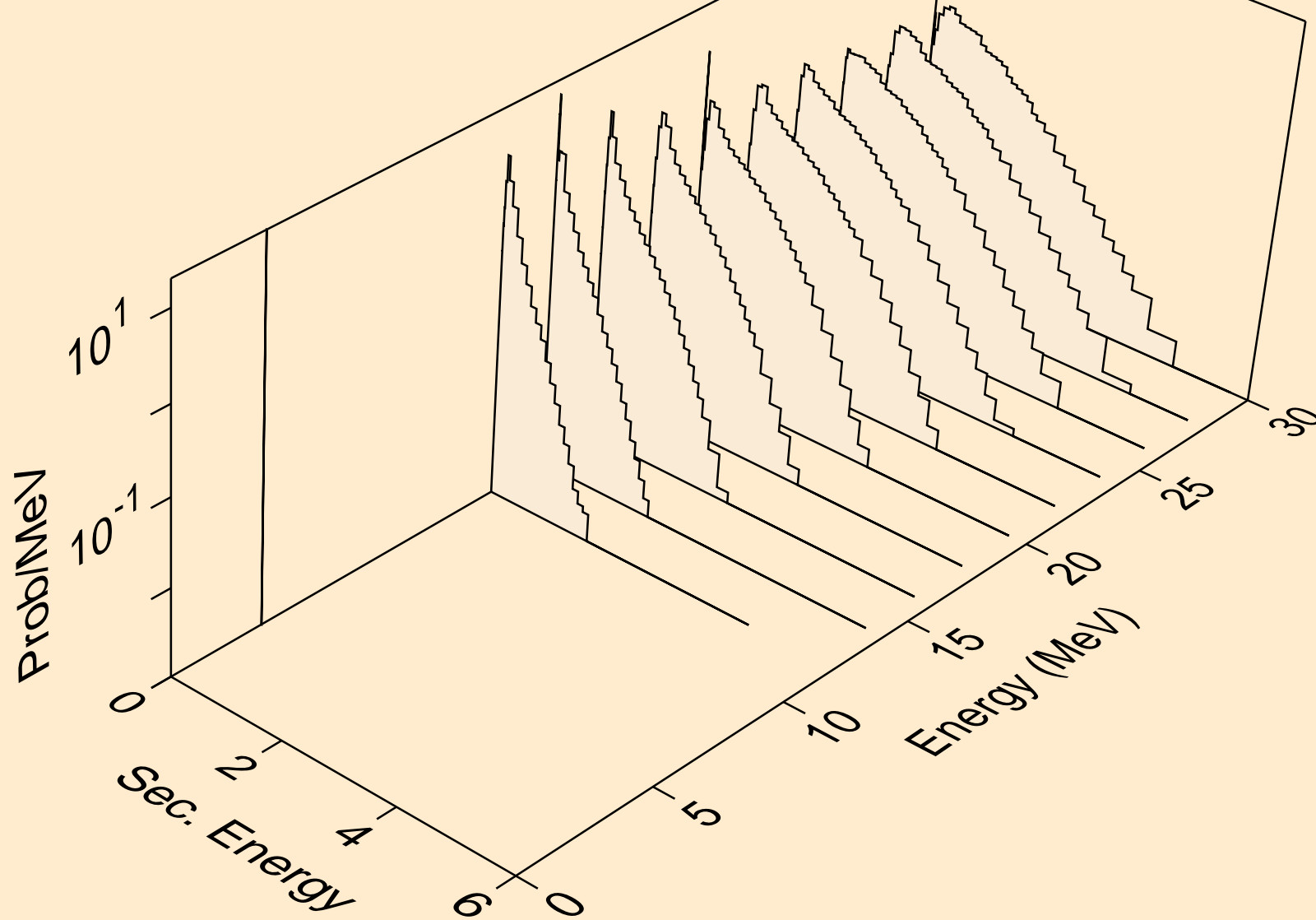




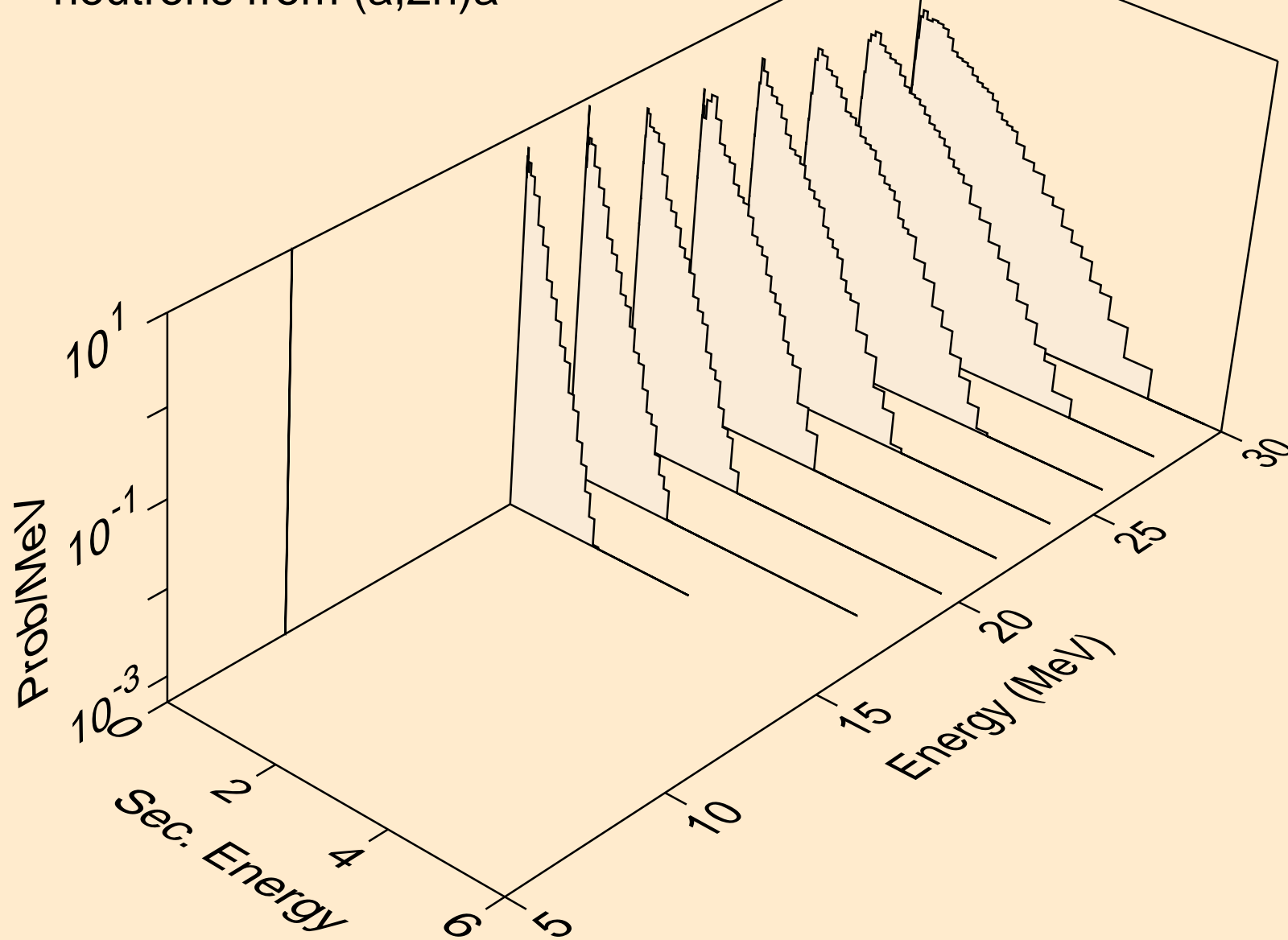
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neutrons from (a,3n)



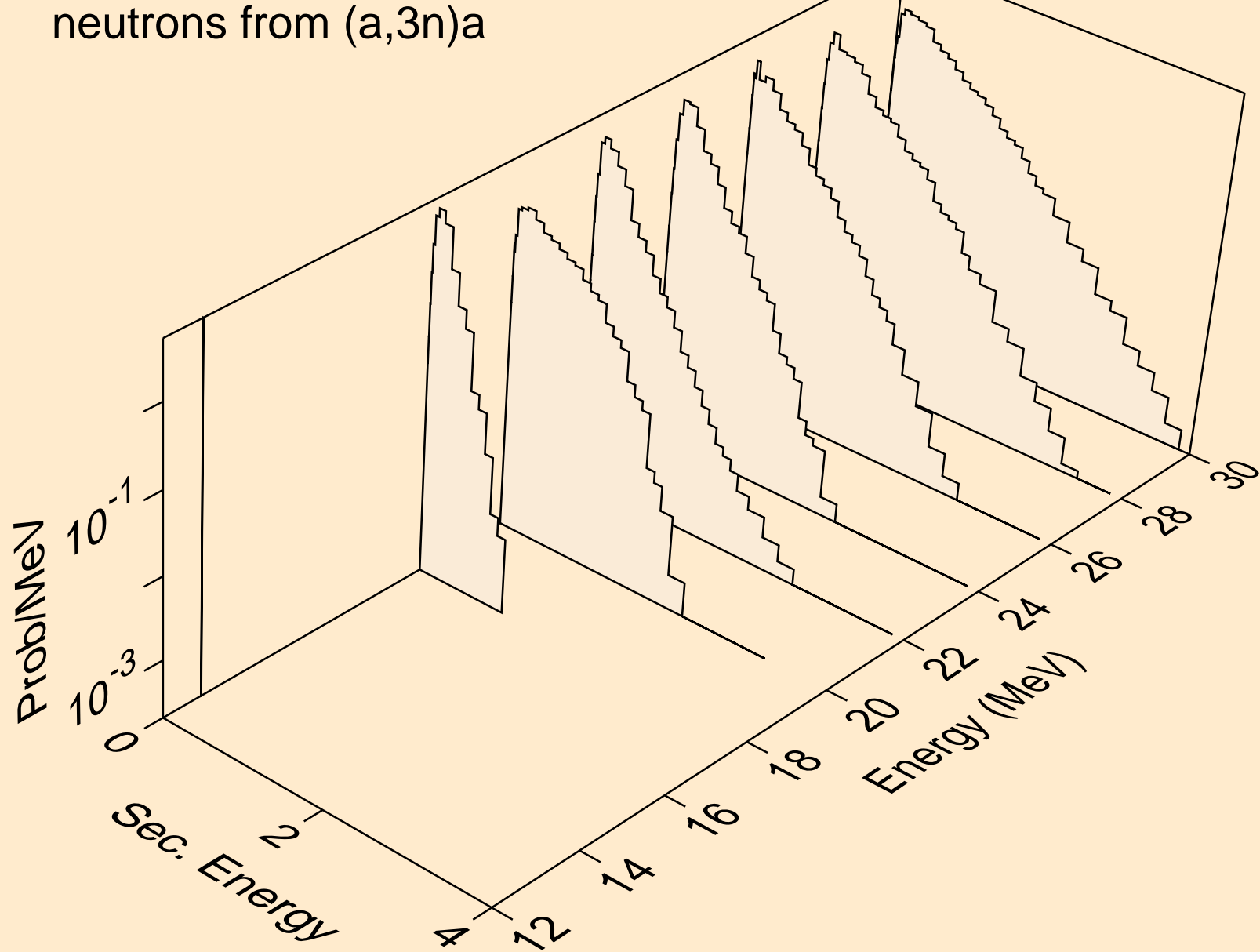
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



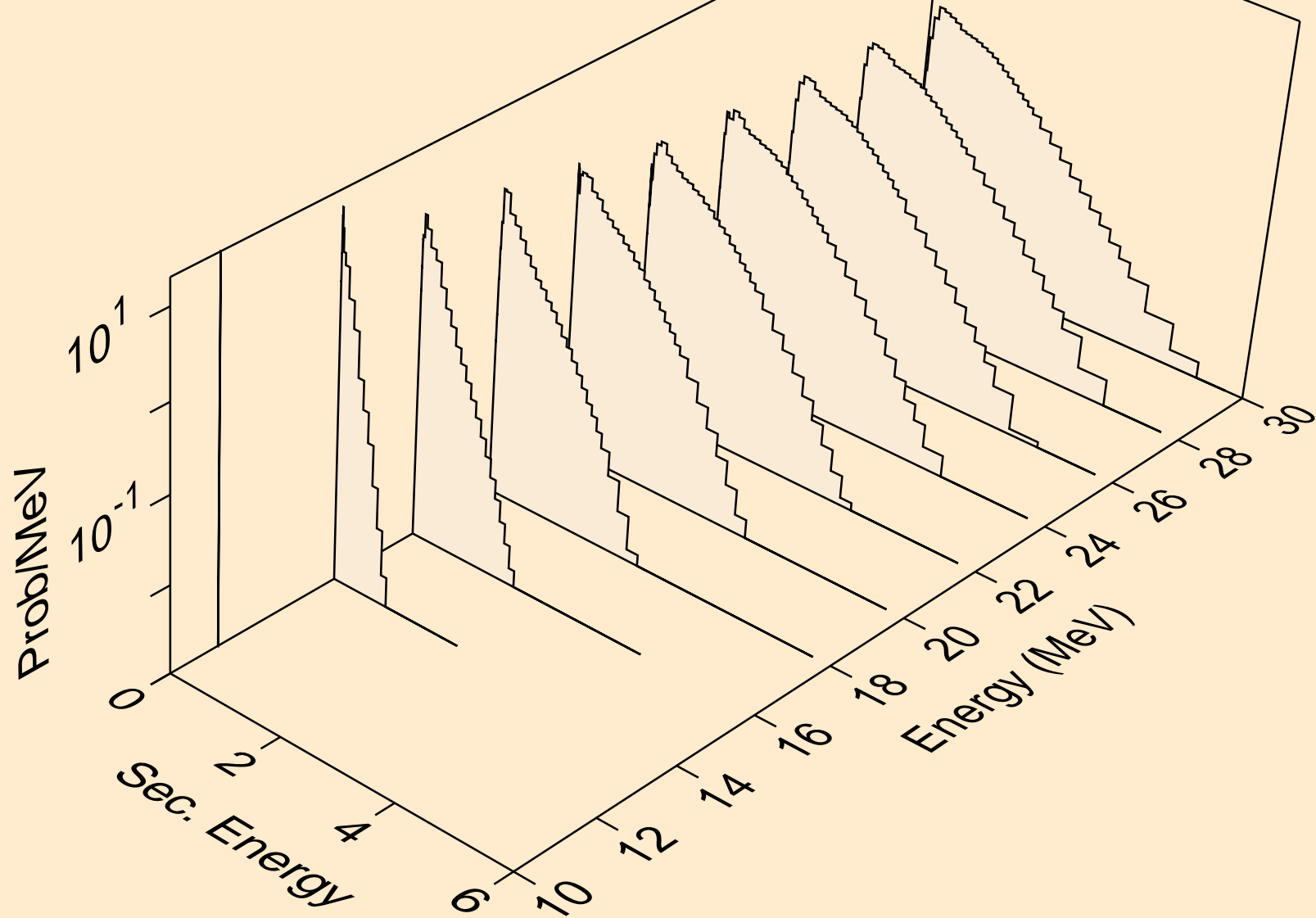
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neutrons from (a,2n)a



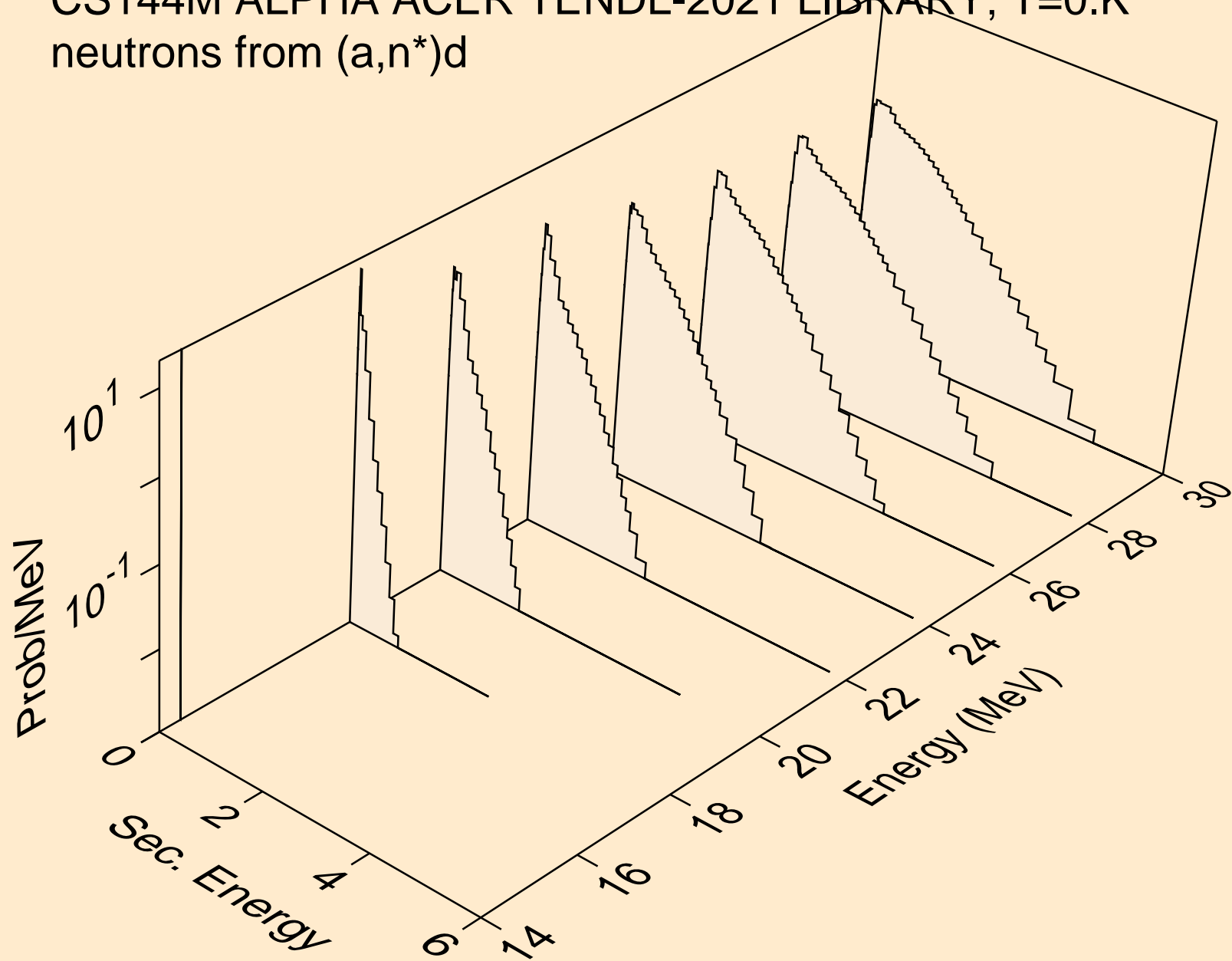
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neutrons from (a,3n)a



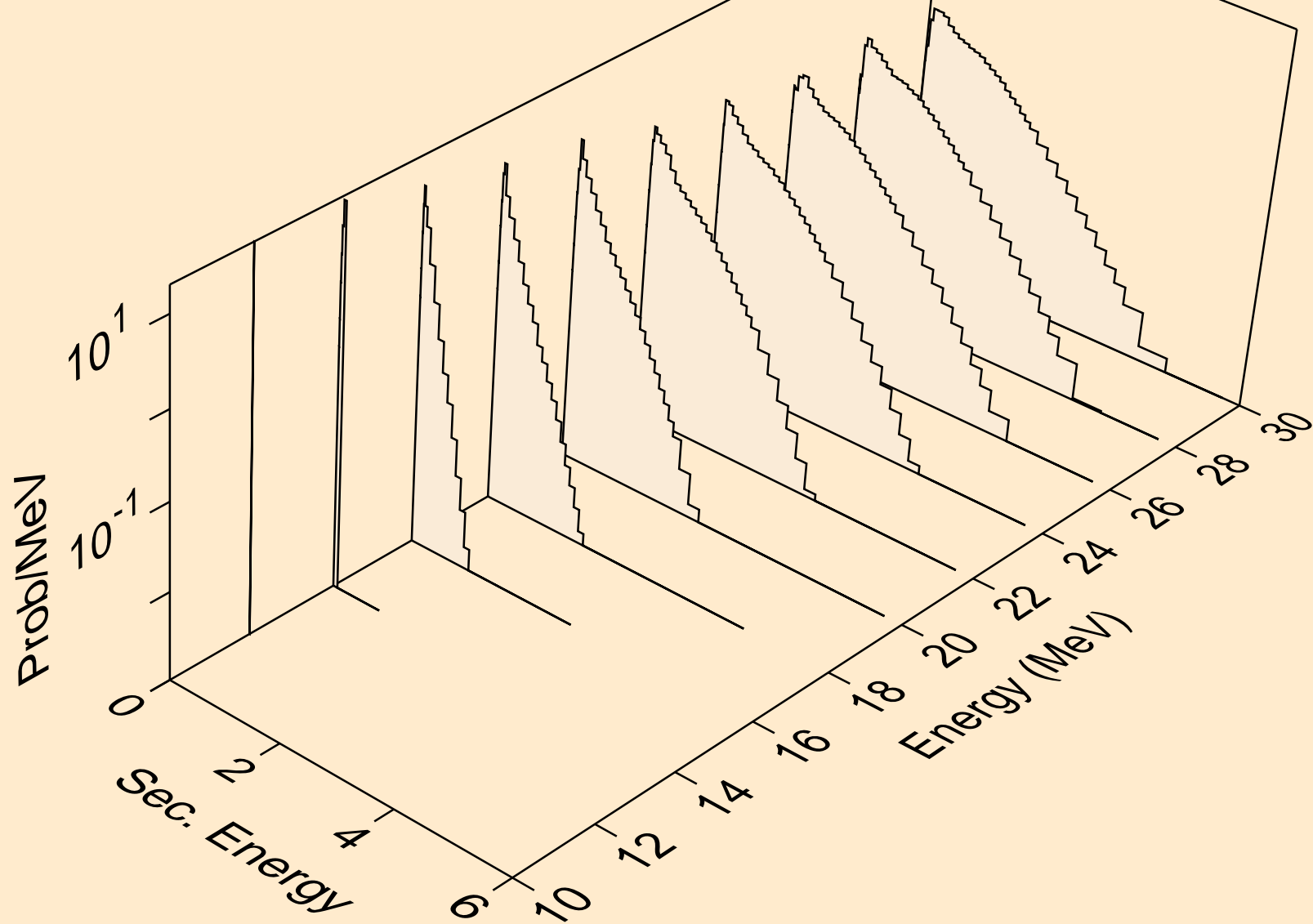
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



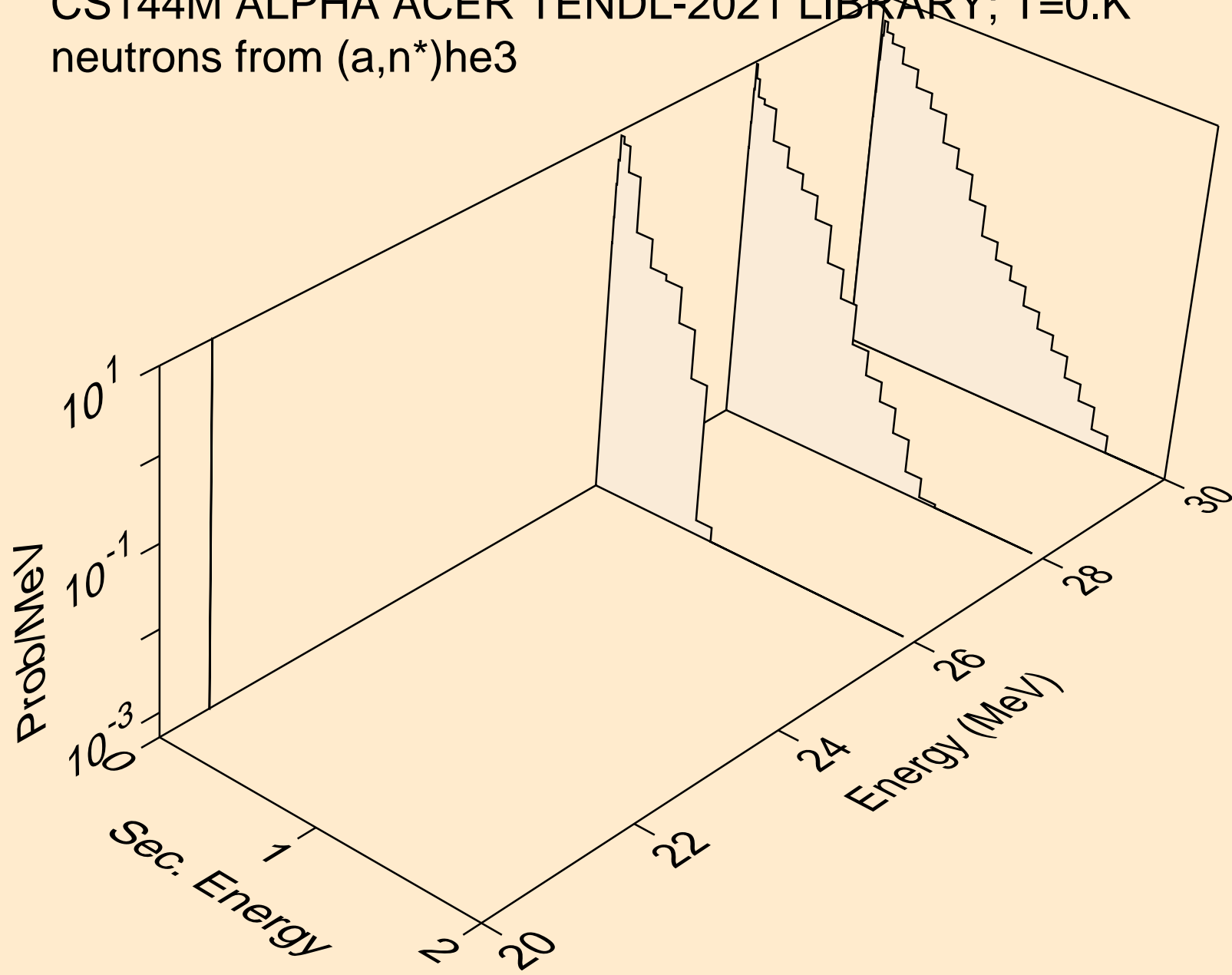
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t

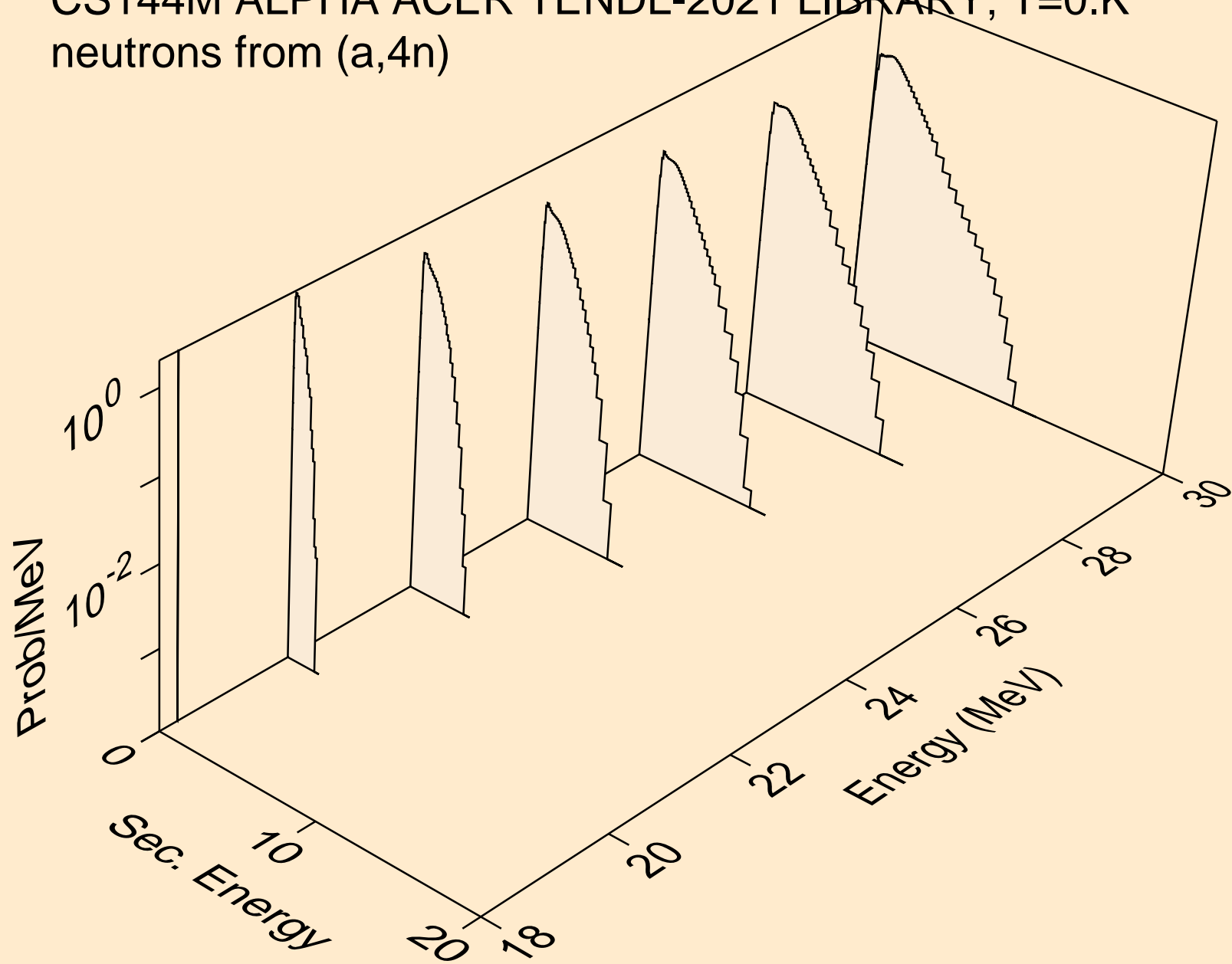


CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)he3

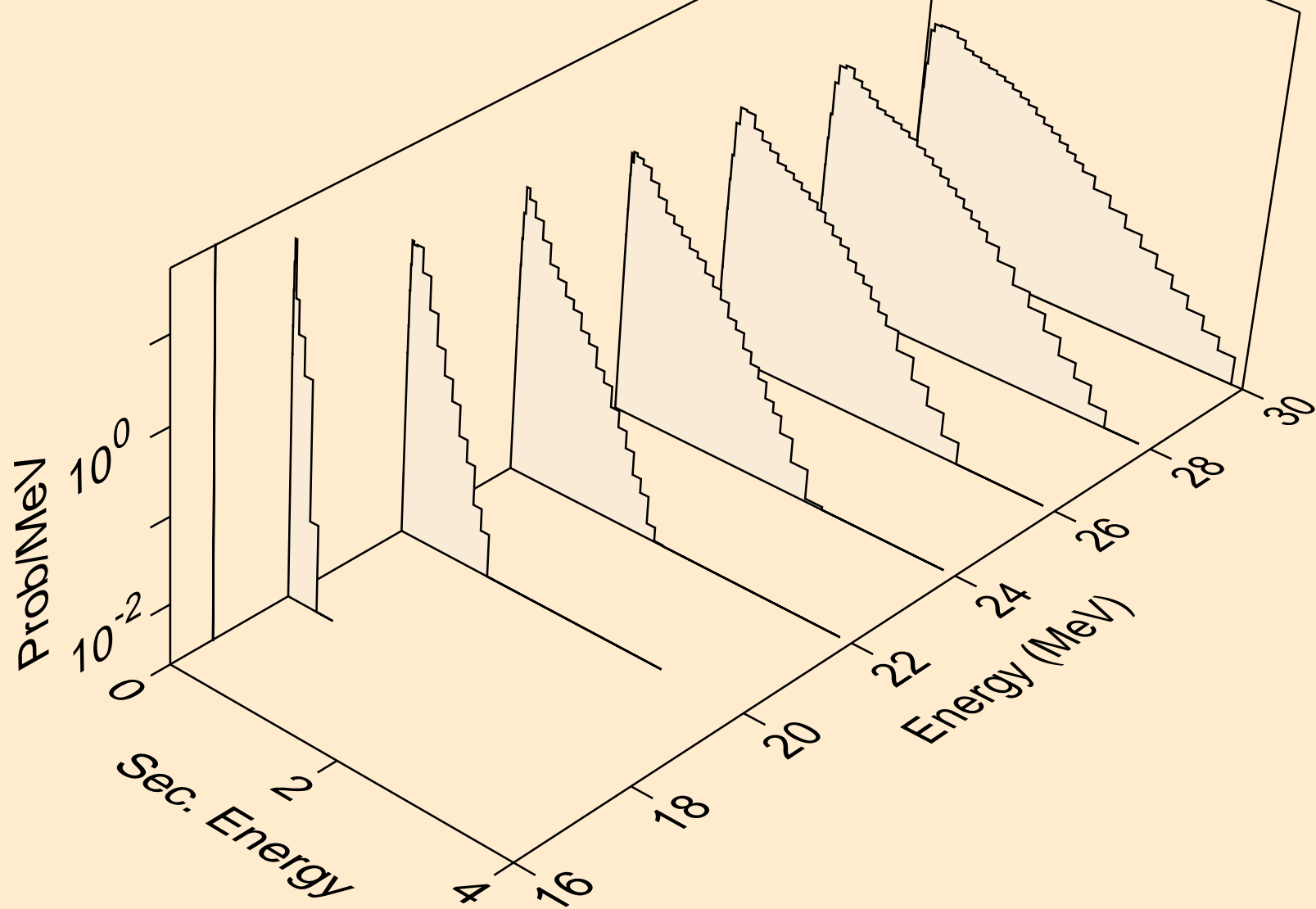




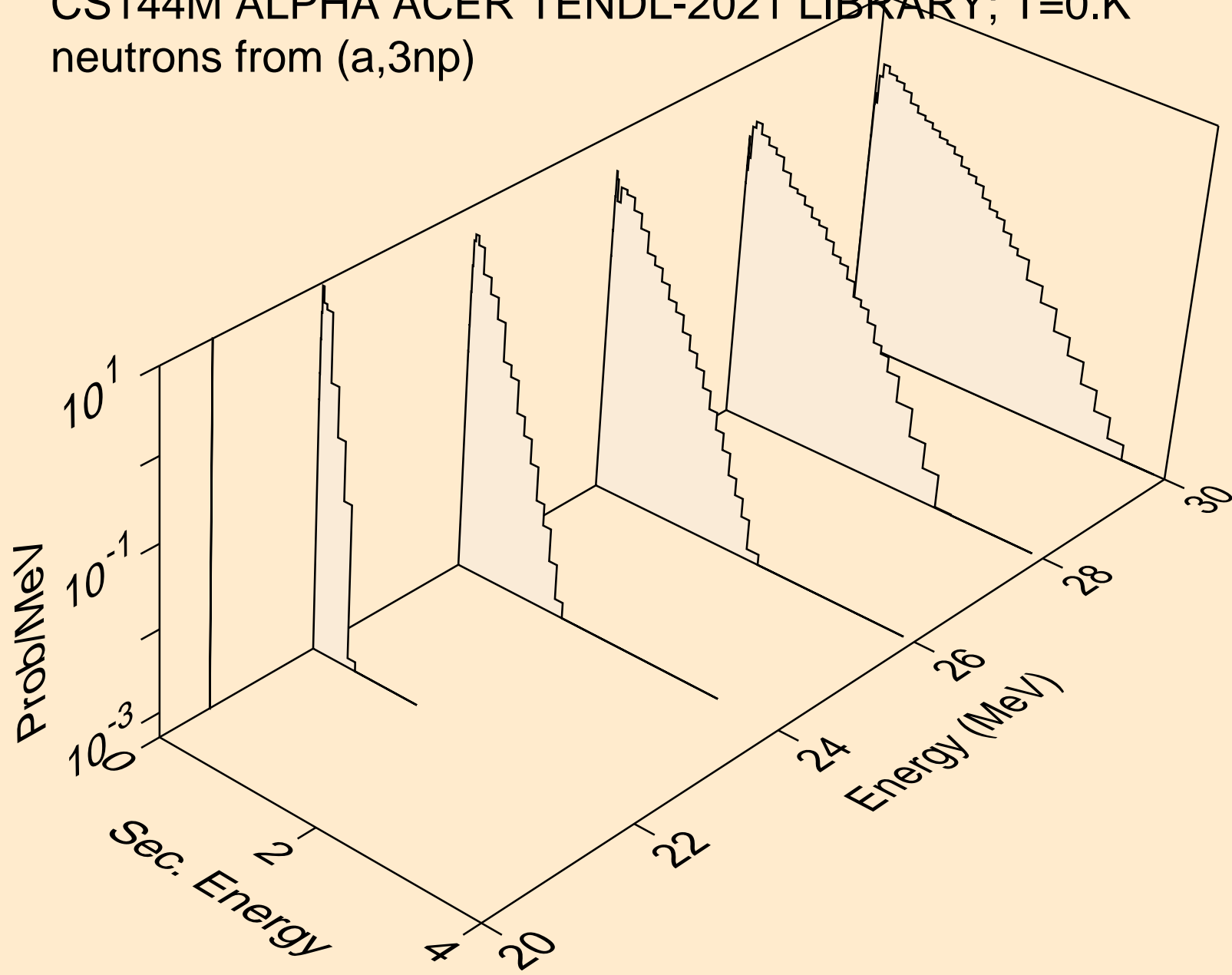
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,4n)



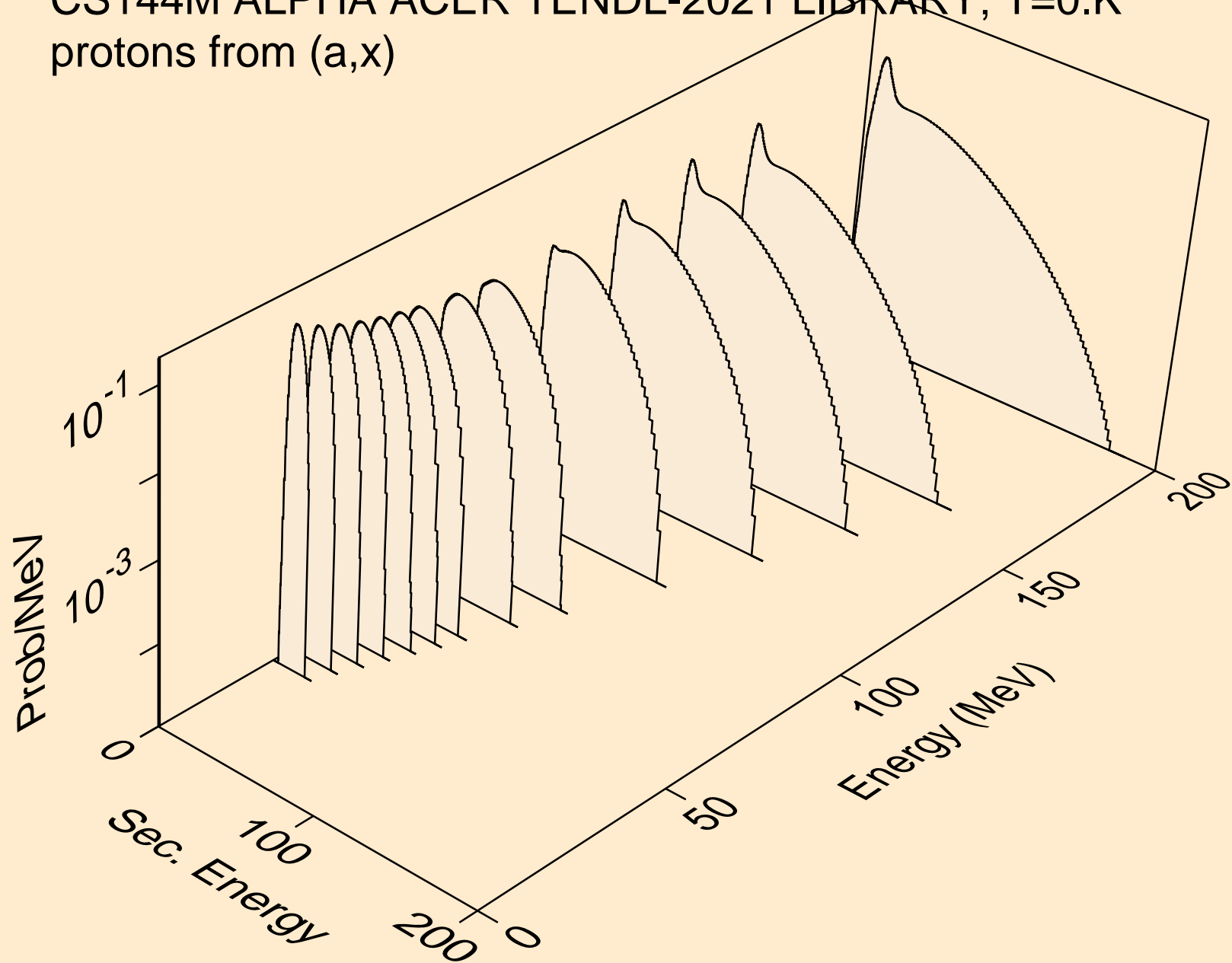
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neutrons from (a,2np)



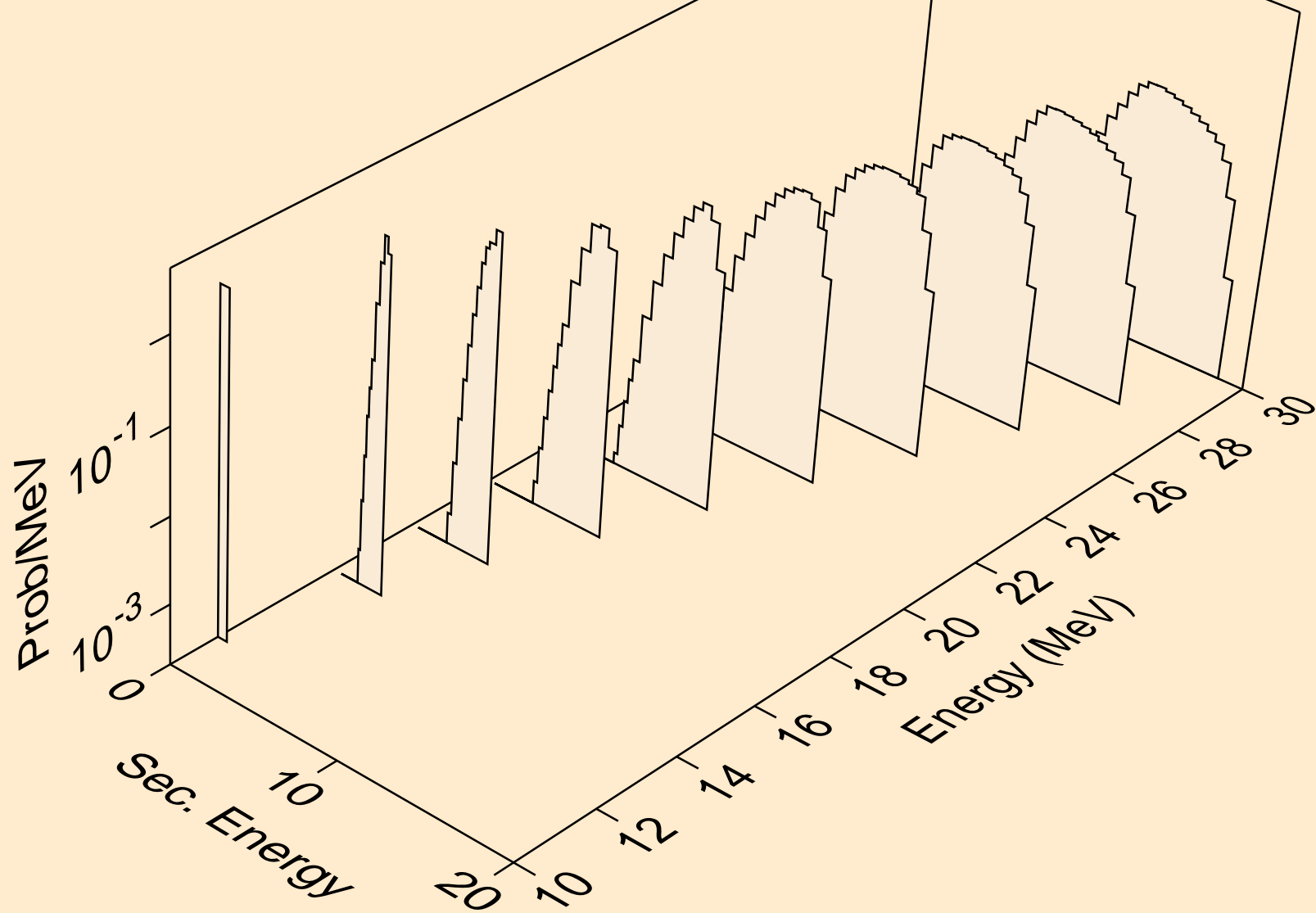
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neutrons from (a,3np)



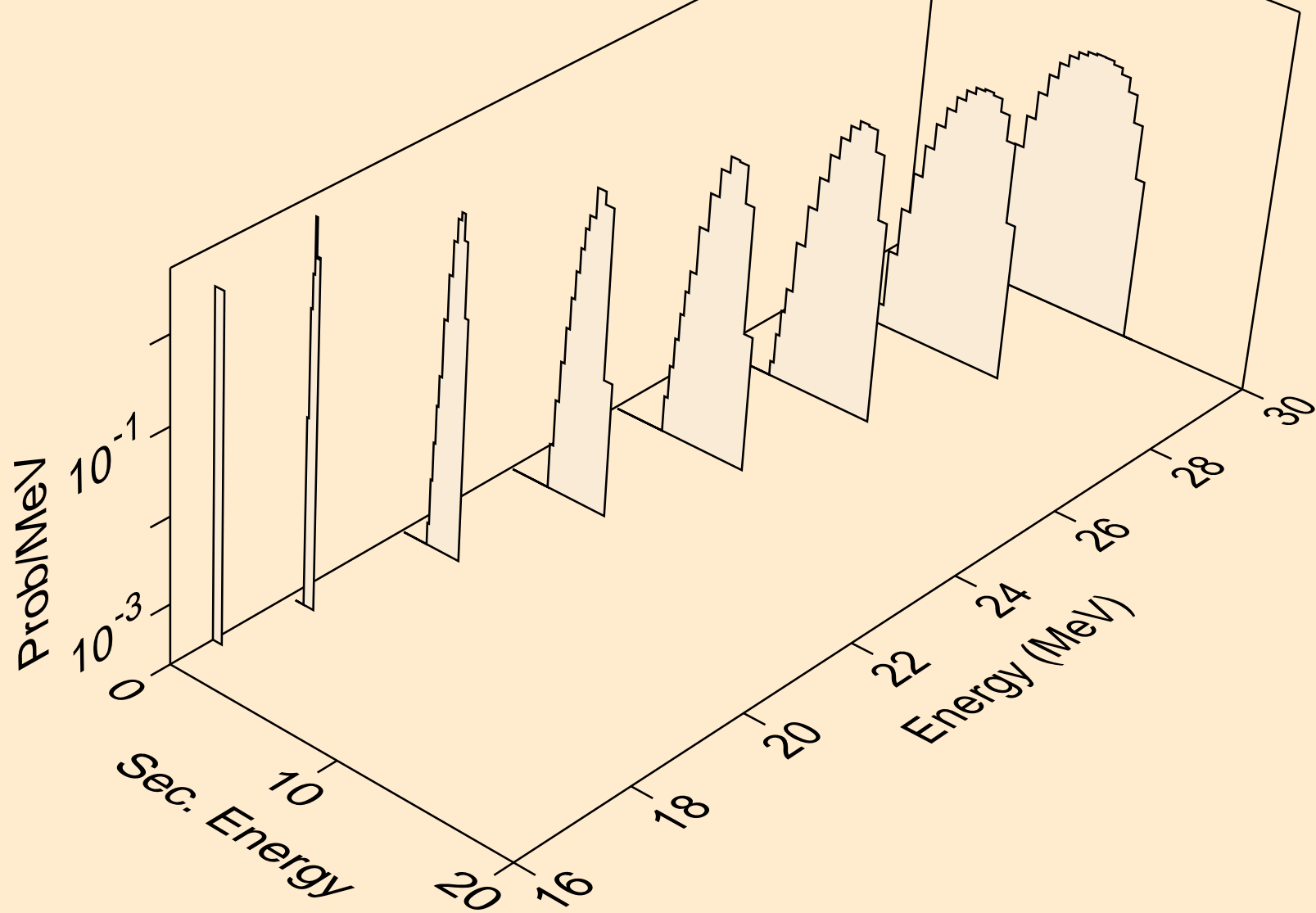
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protons from (a,x)



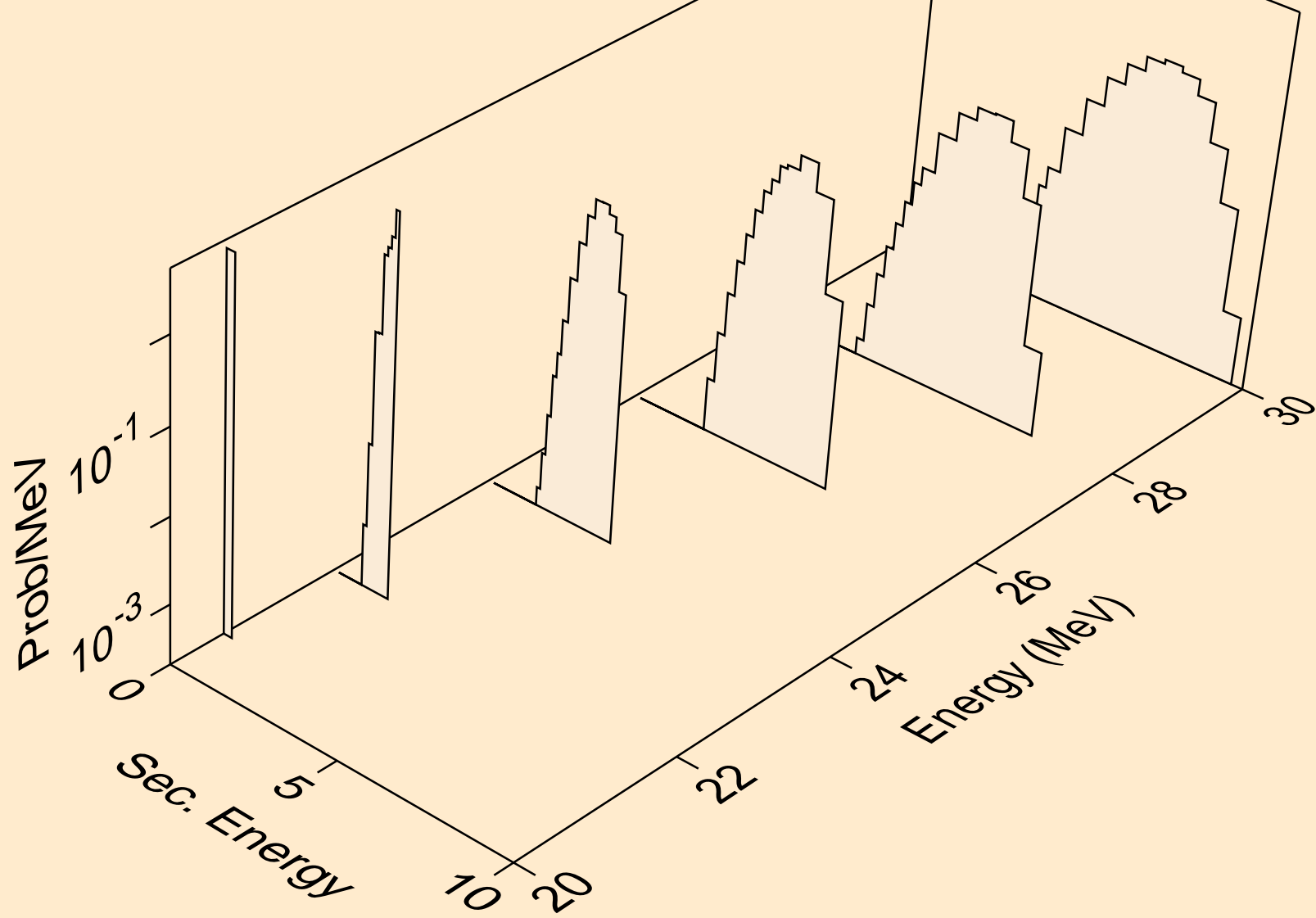
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



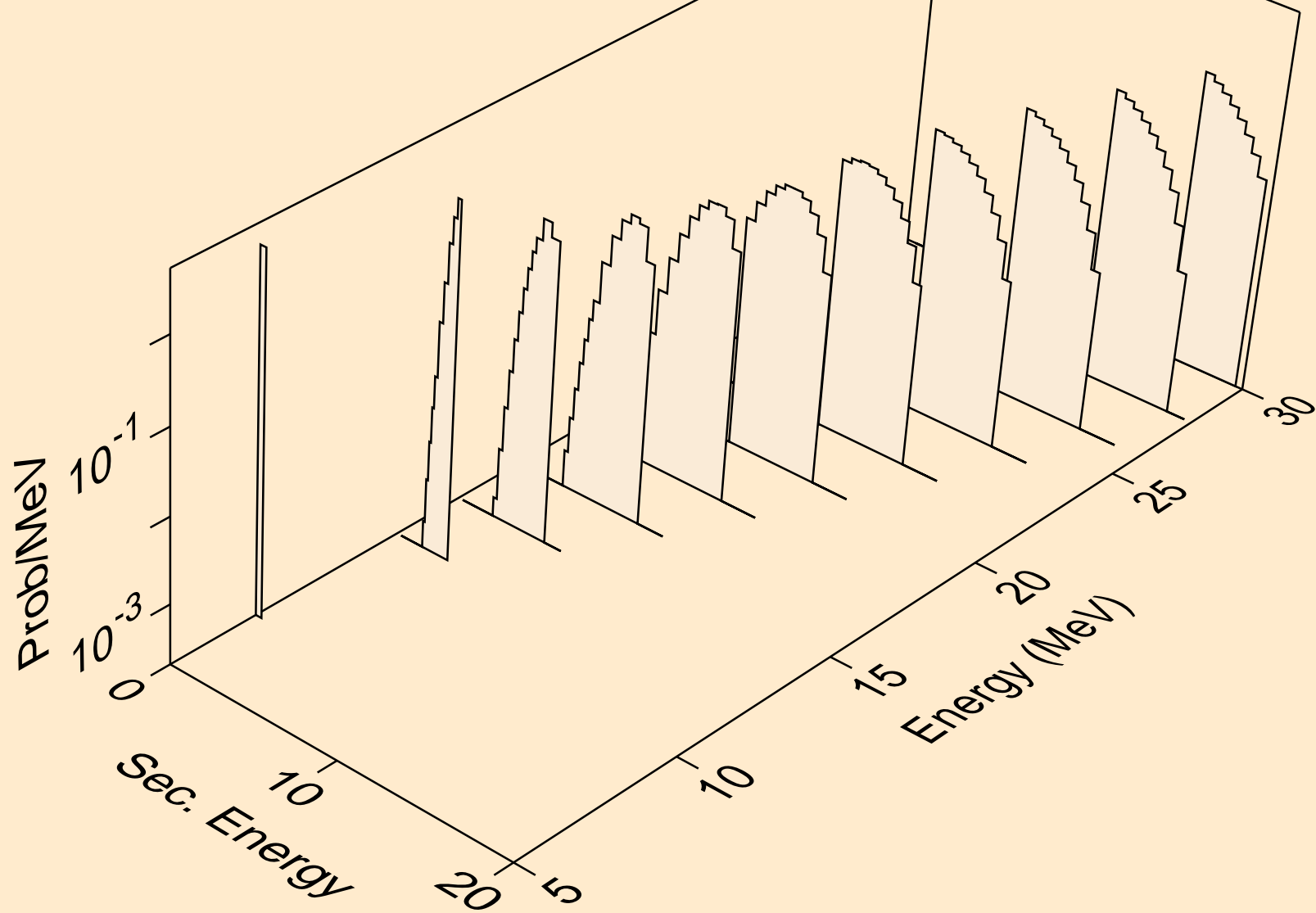
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,3np)

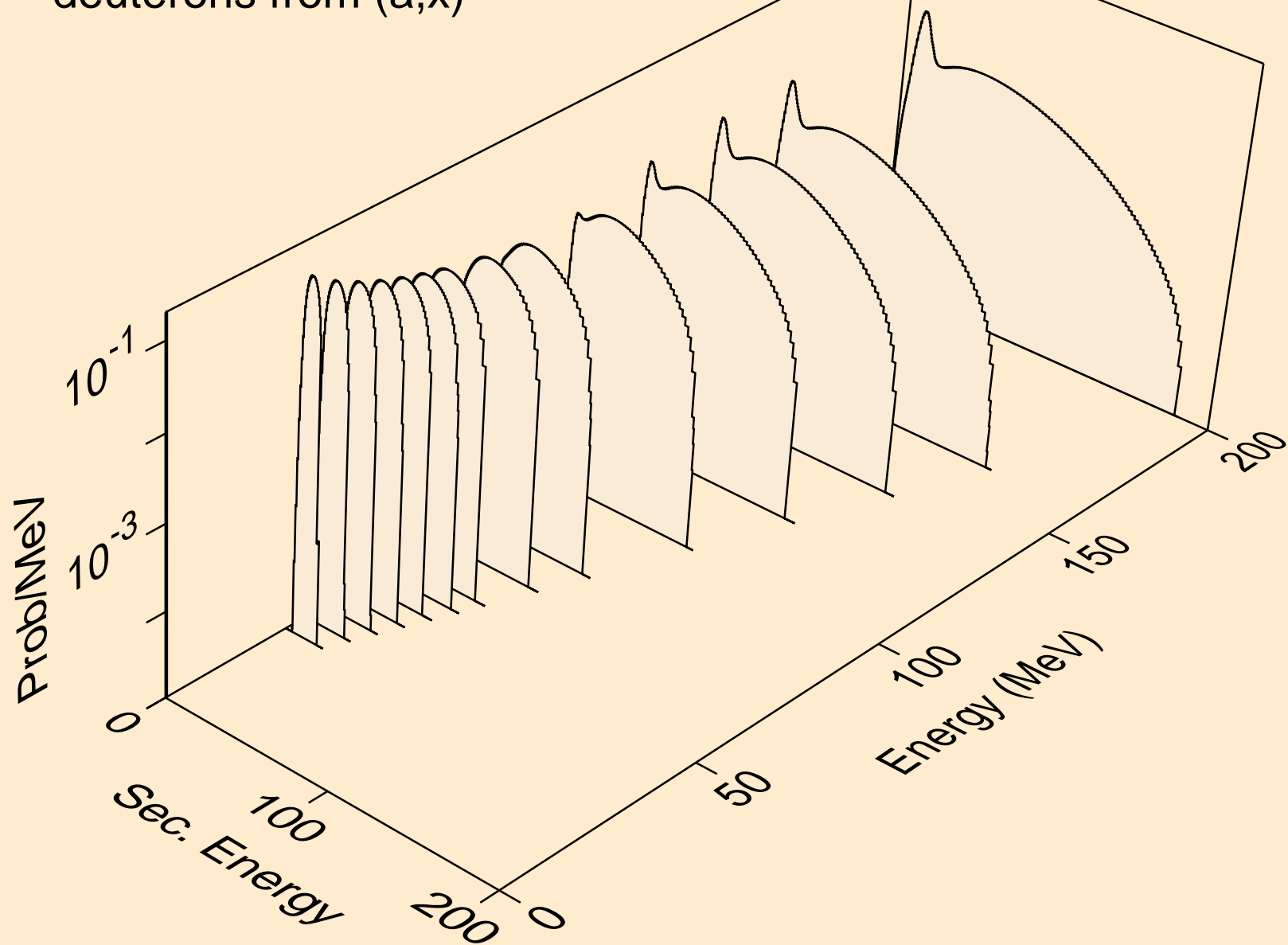


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protons from (a,p)

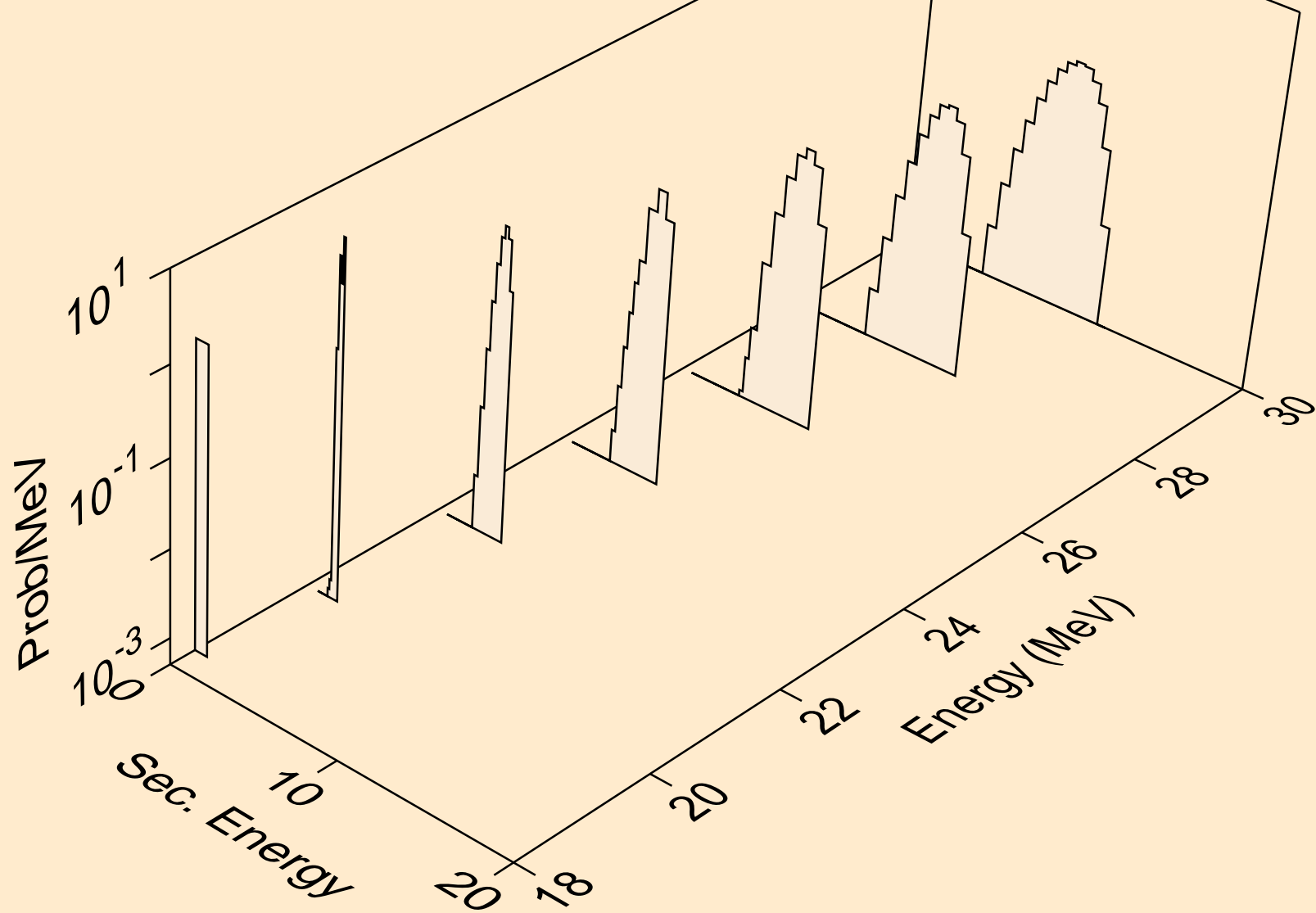




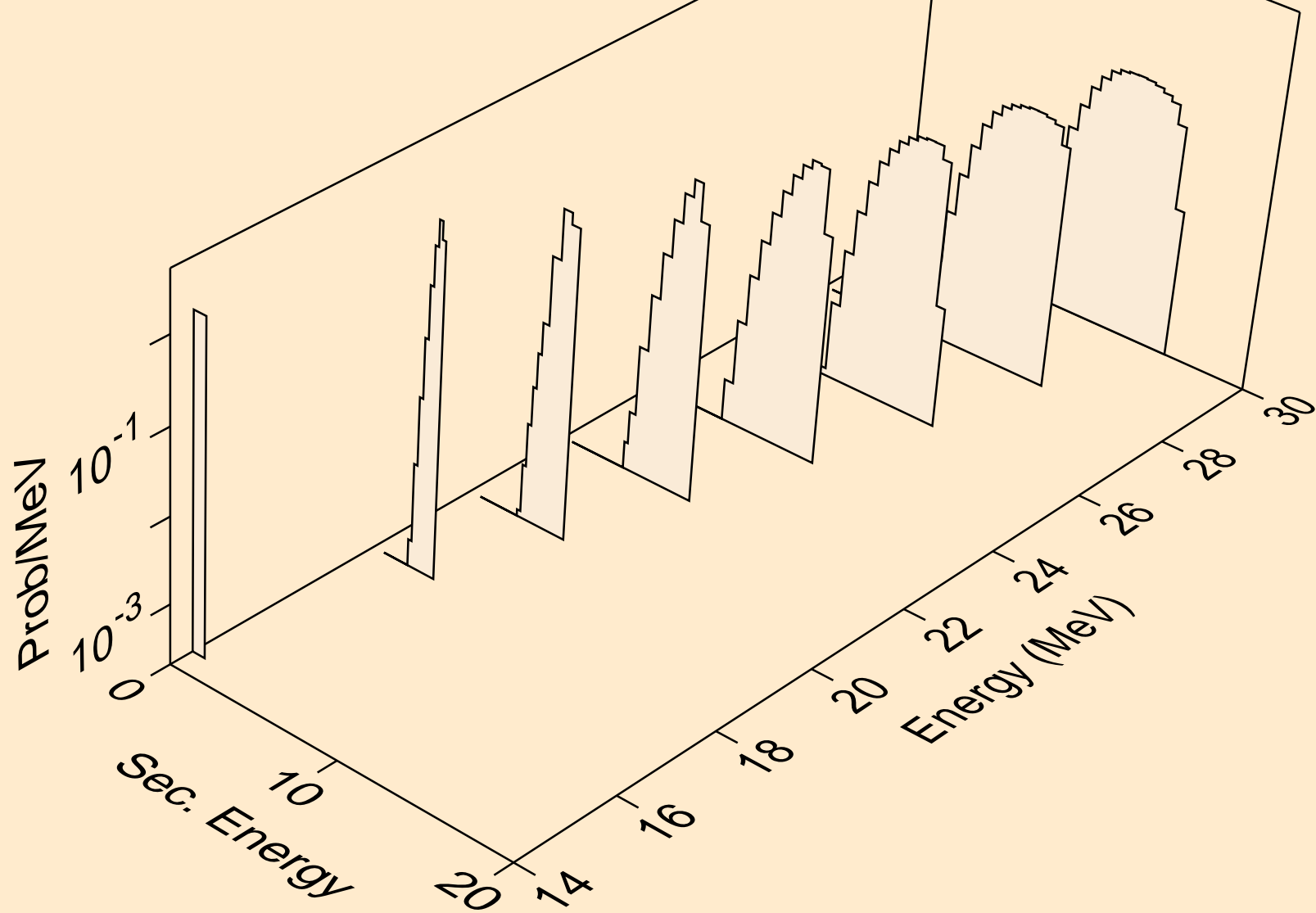
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



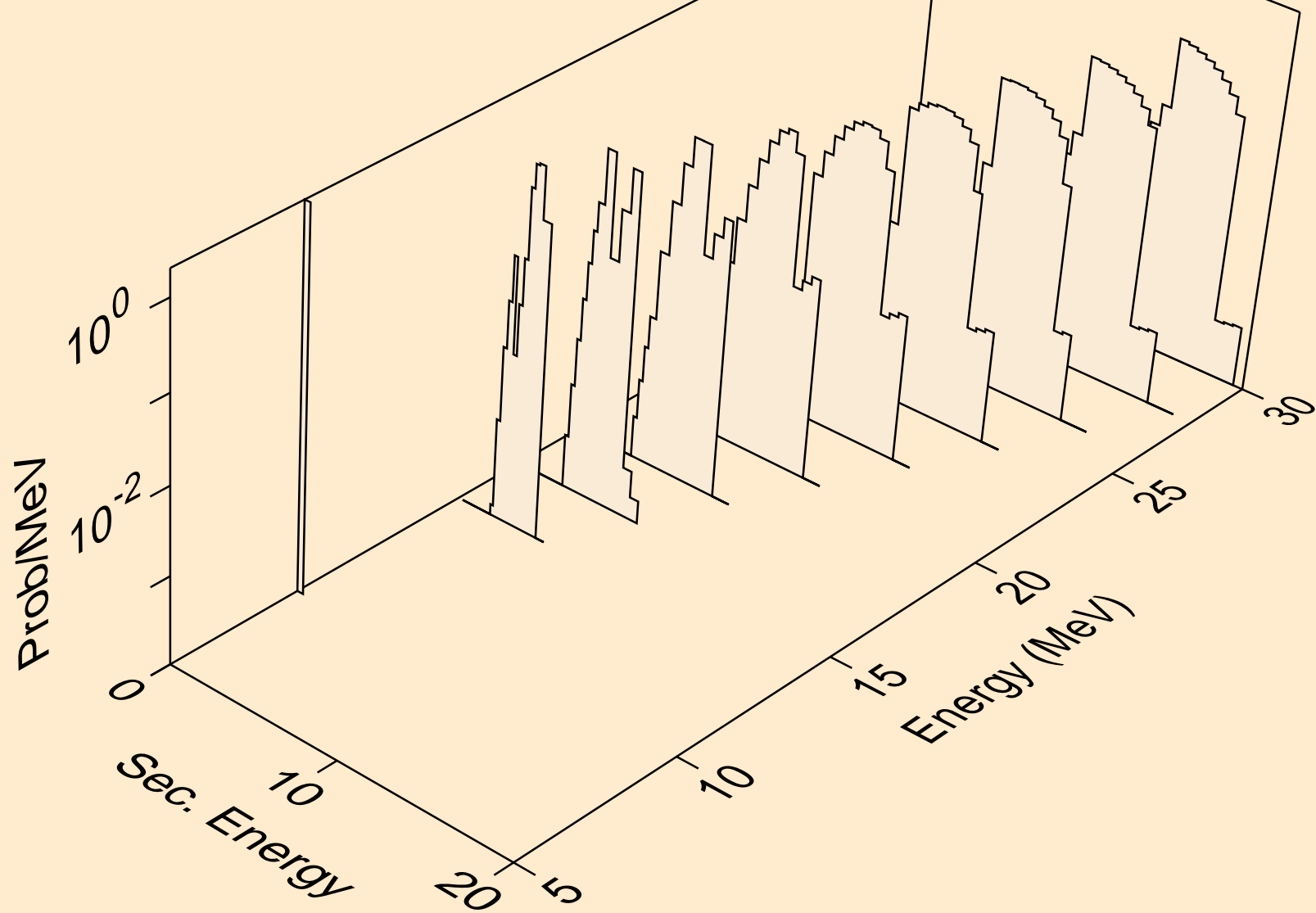
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,2nd)



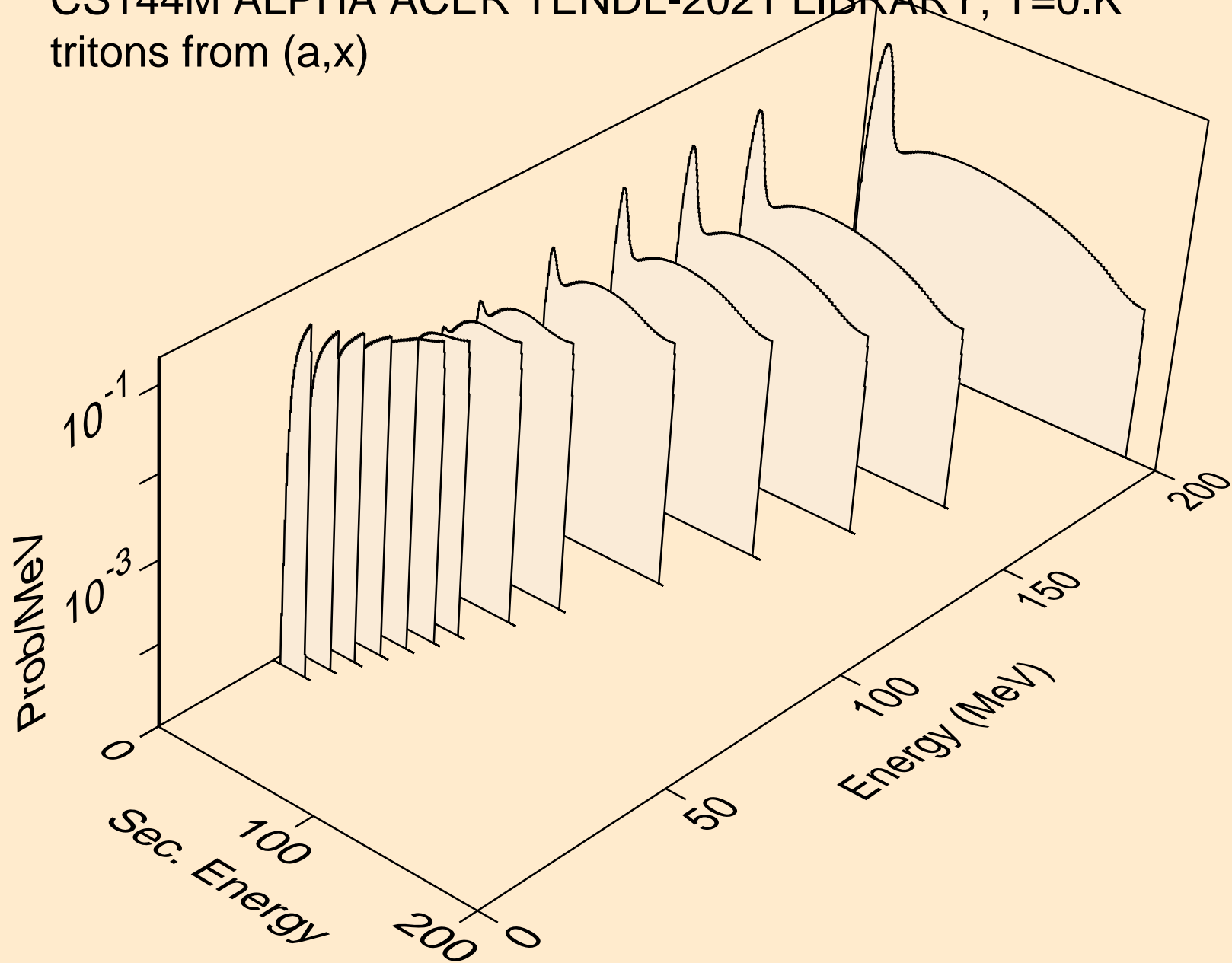
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



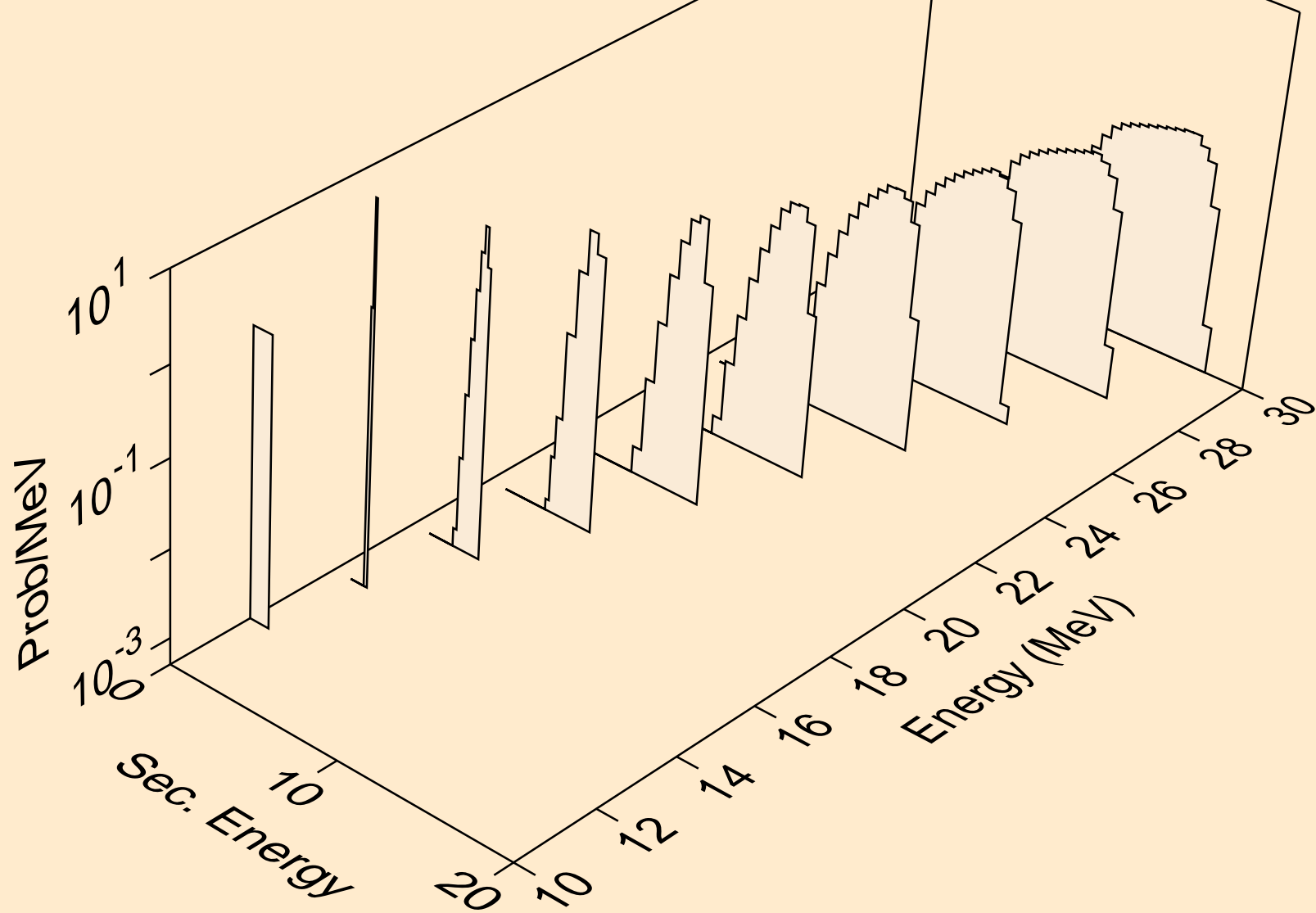
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deuterons from (a,d)



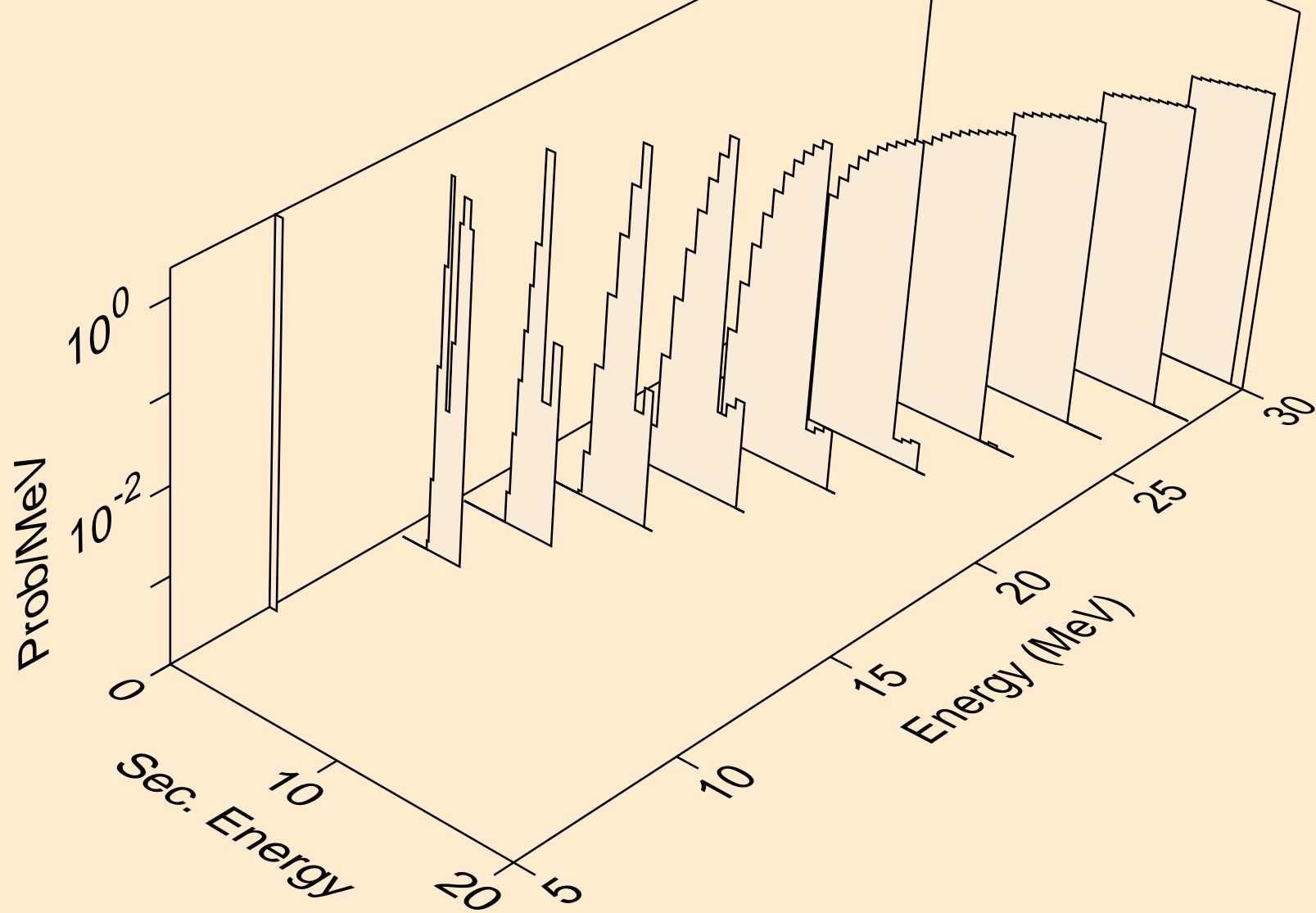
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



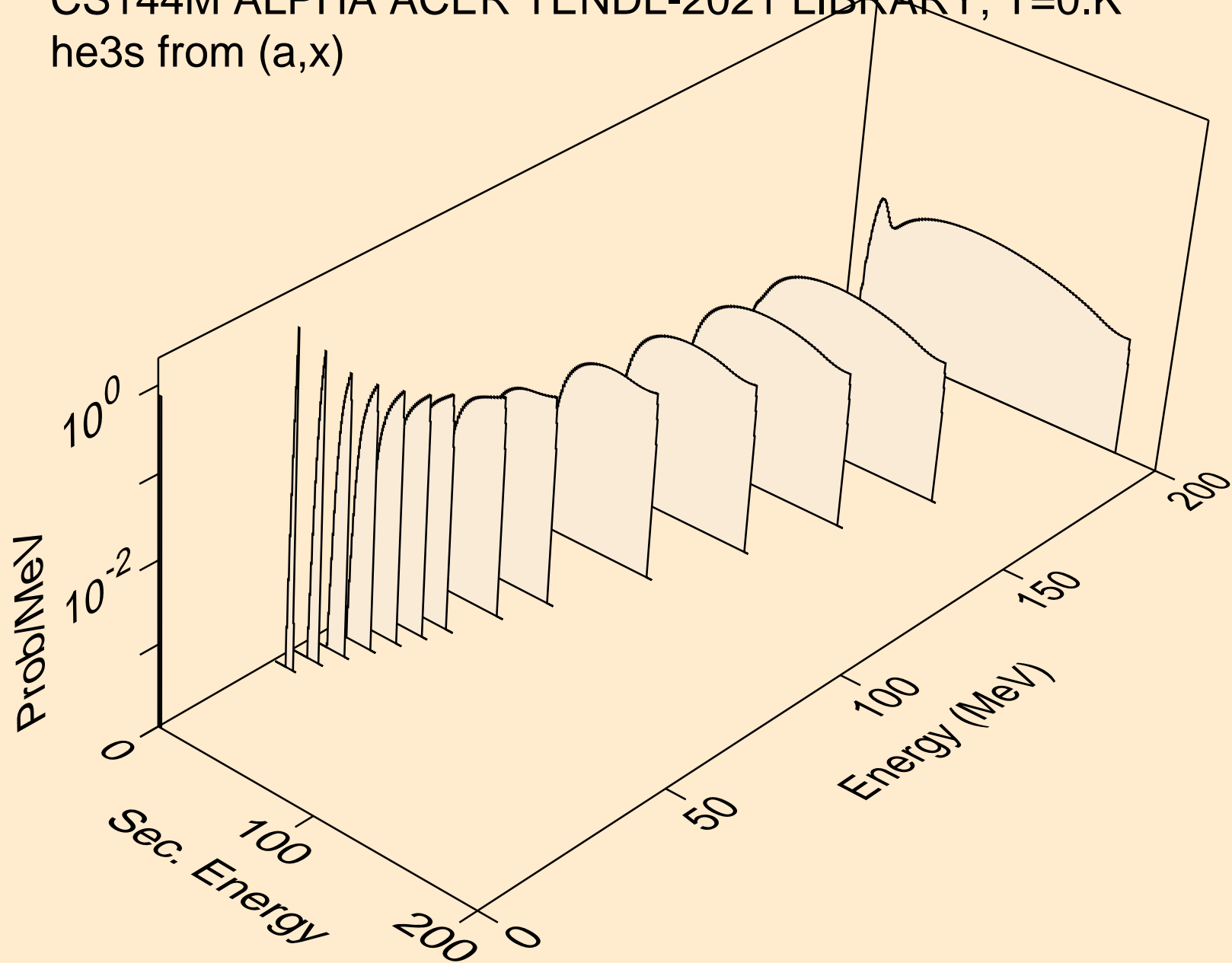
CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)

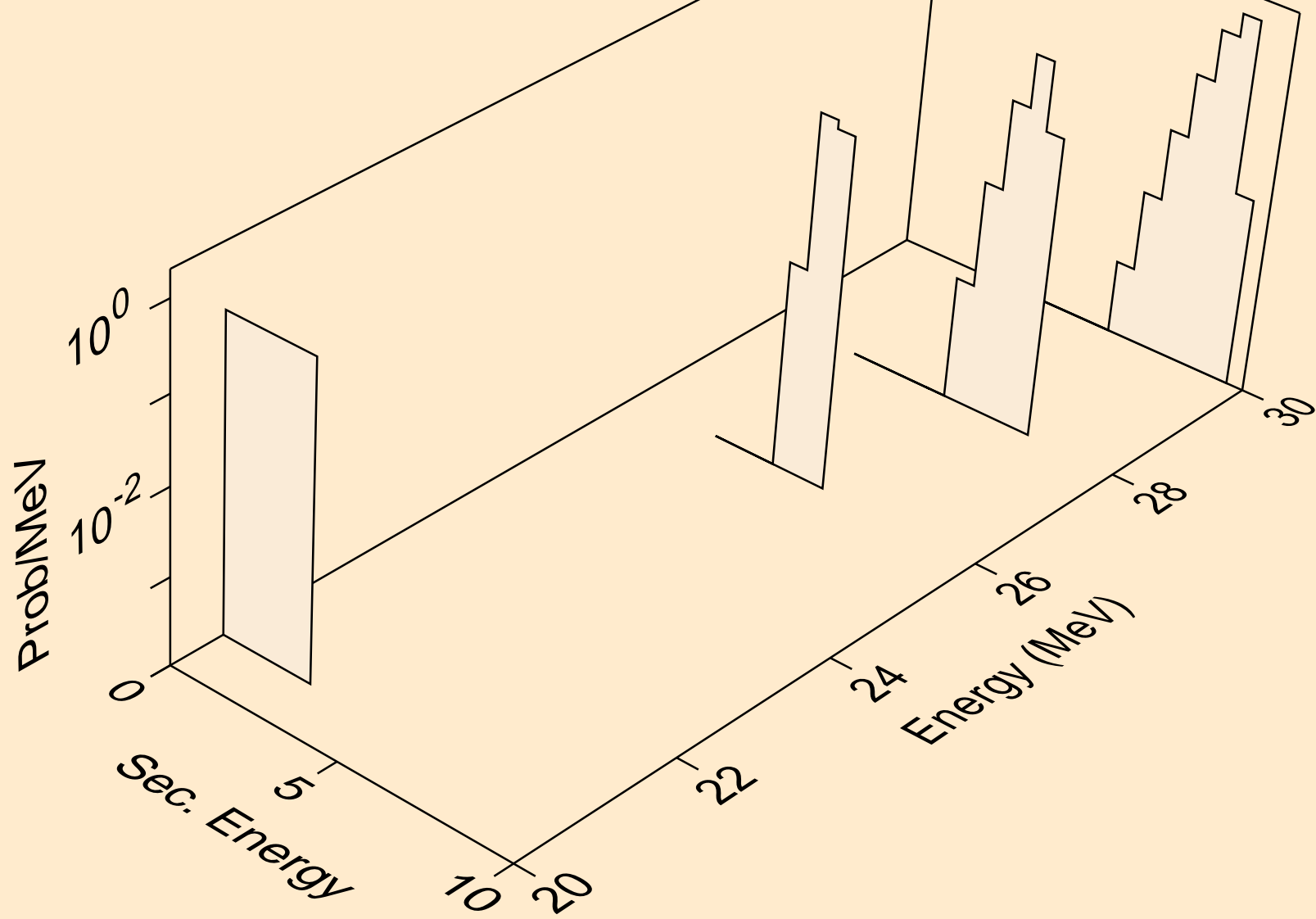


CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)





CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



CS144M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

