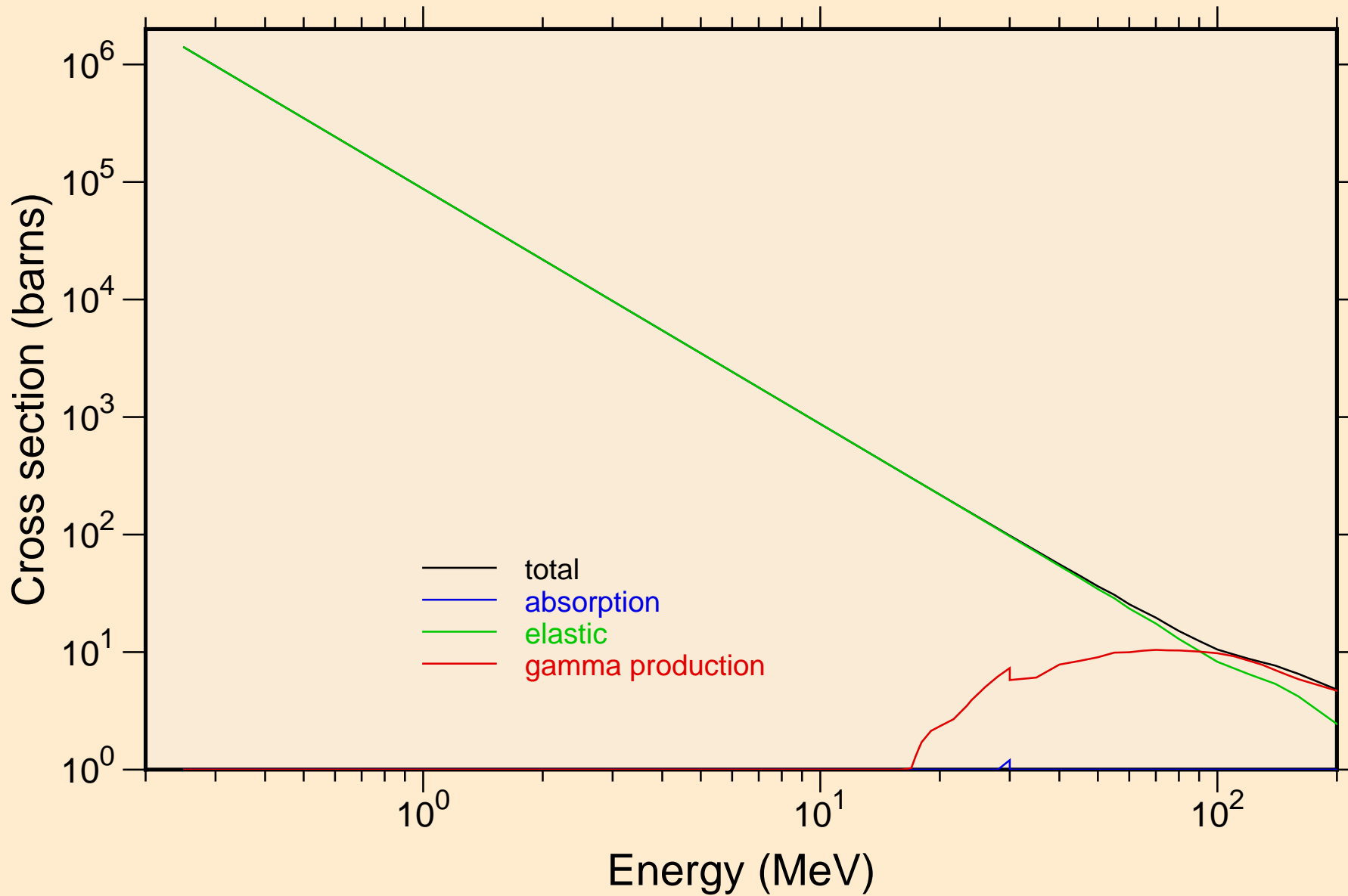
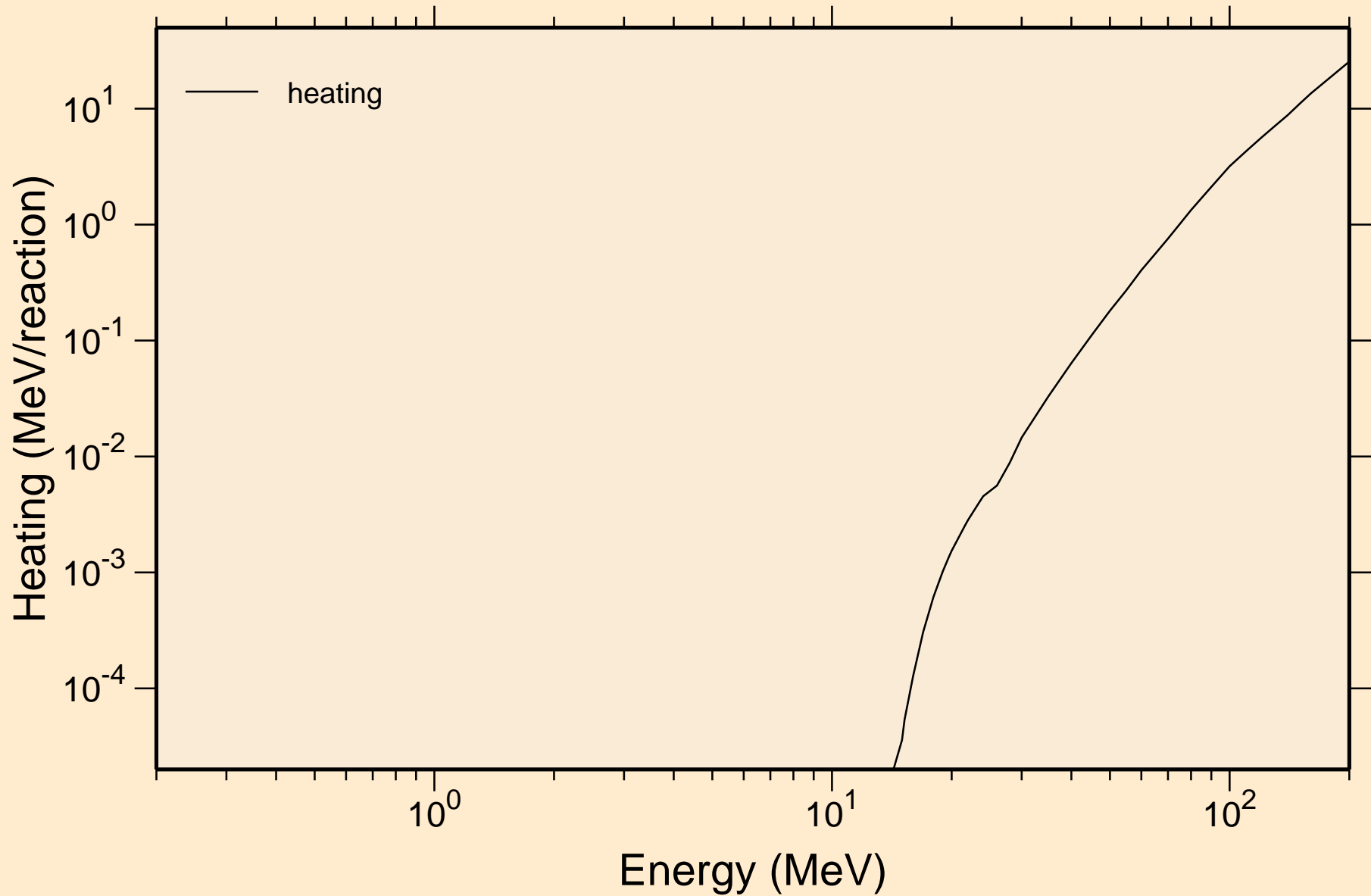


CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



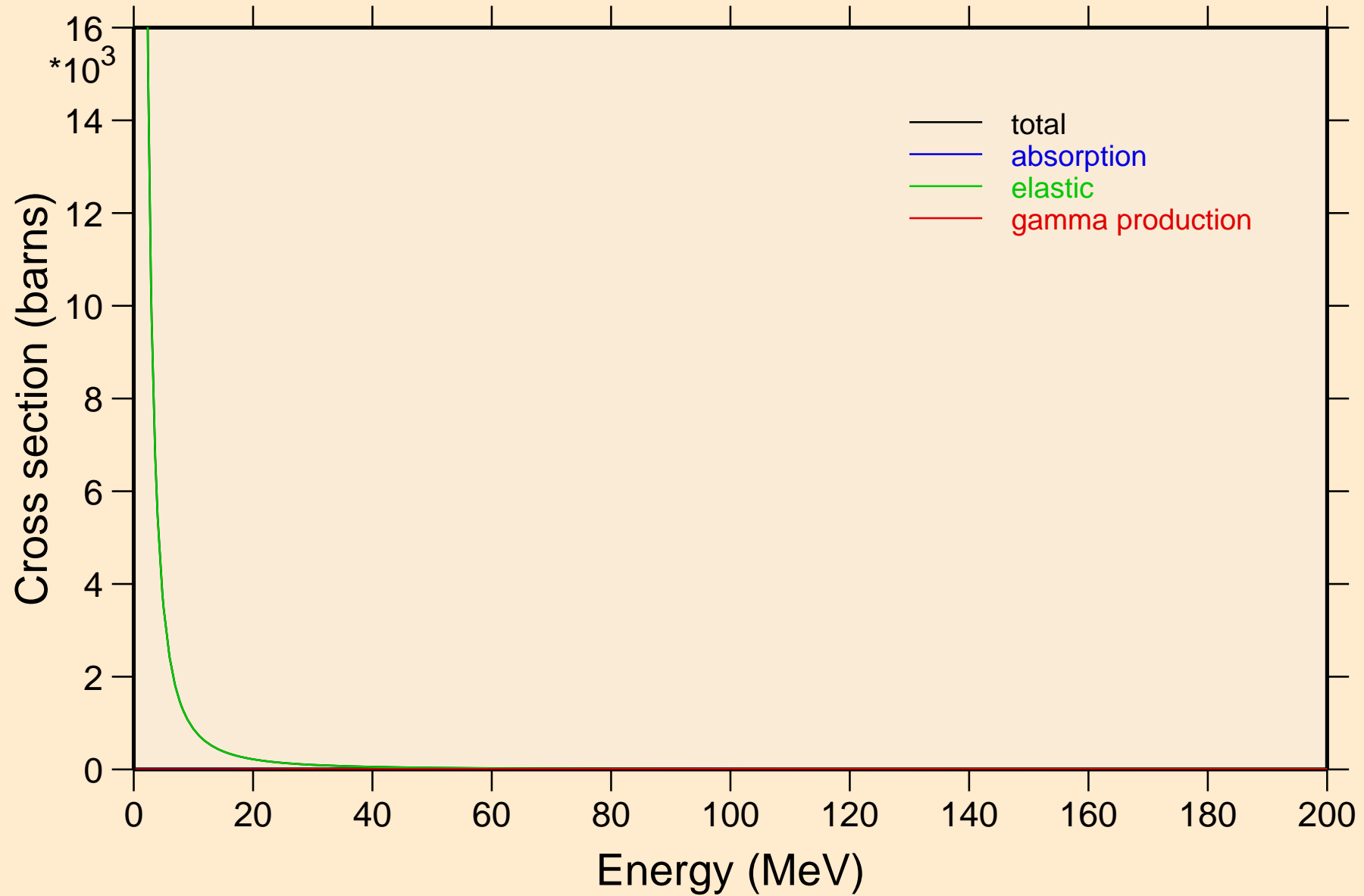
# CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



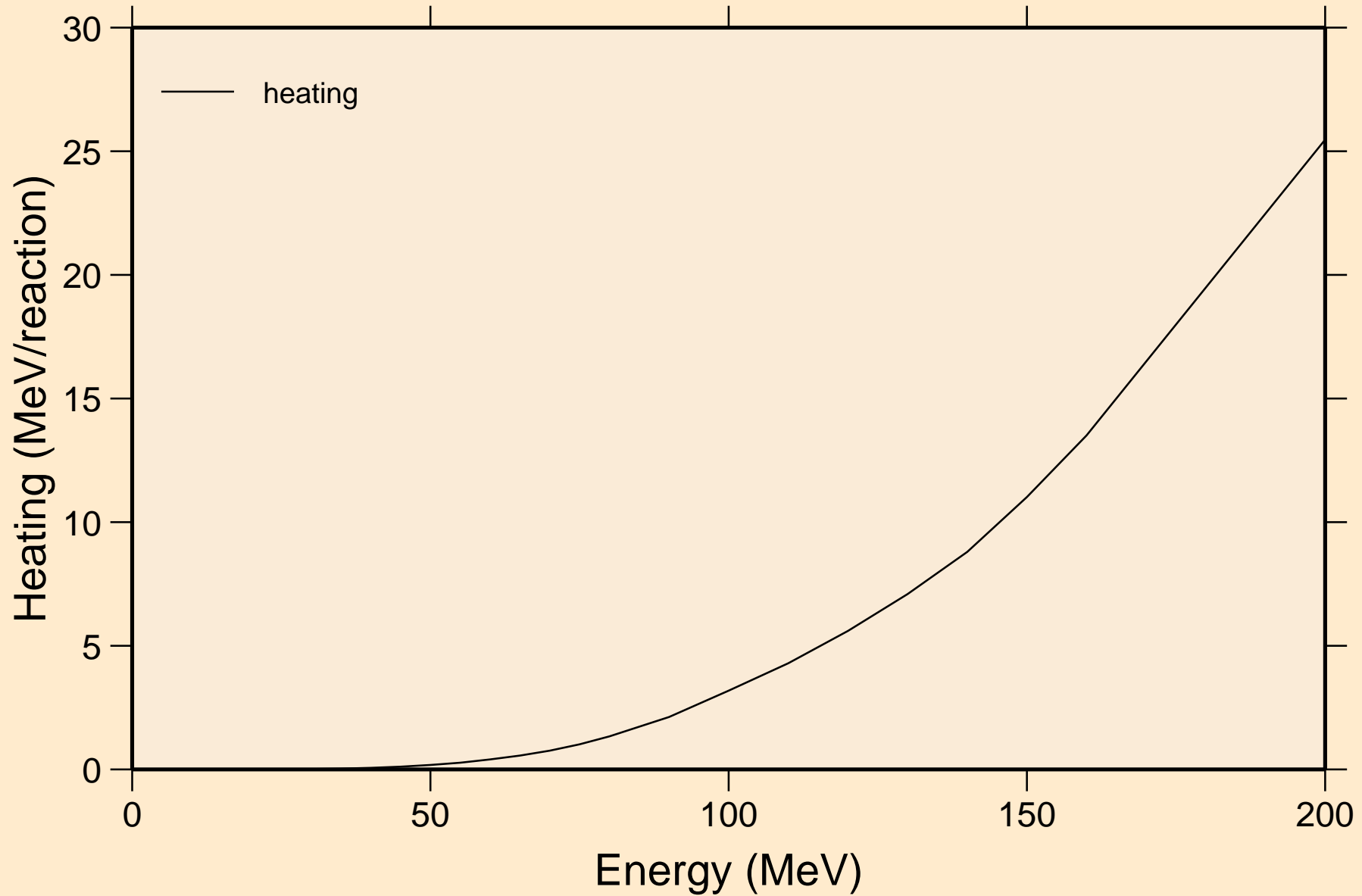
# CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

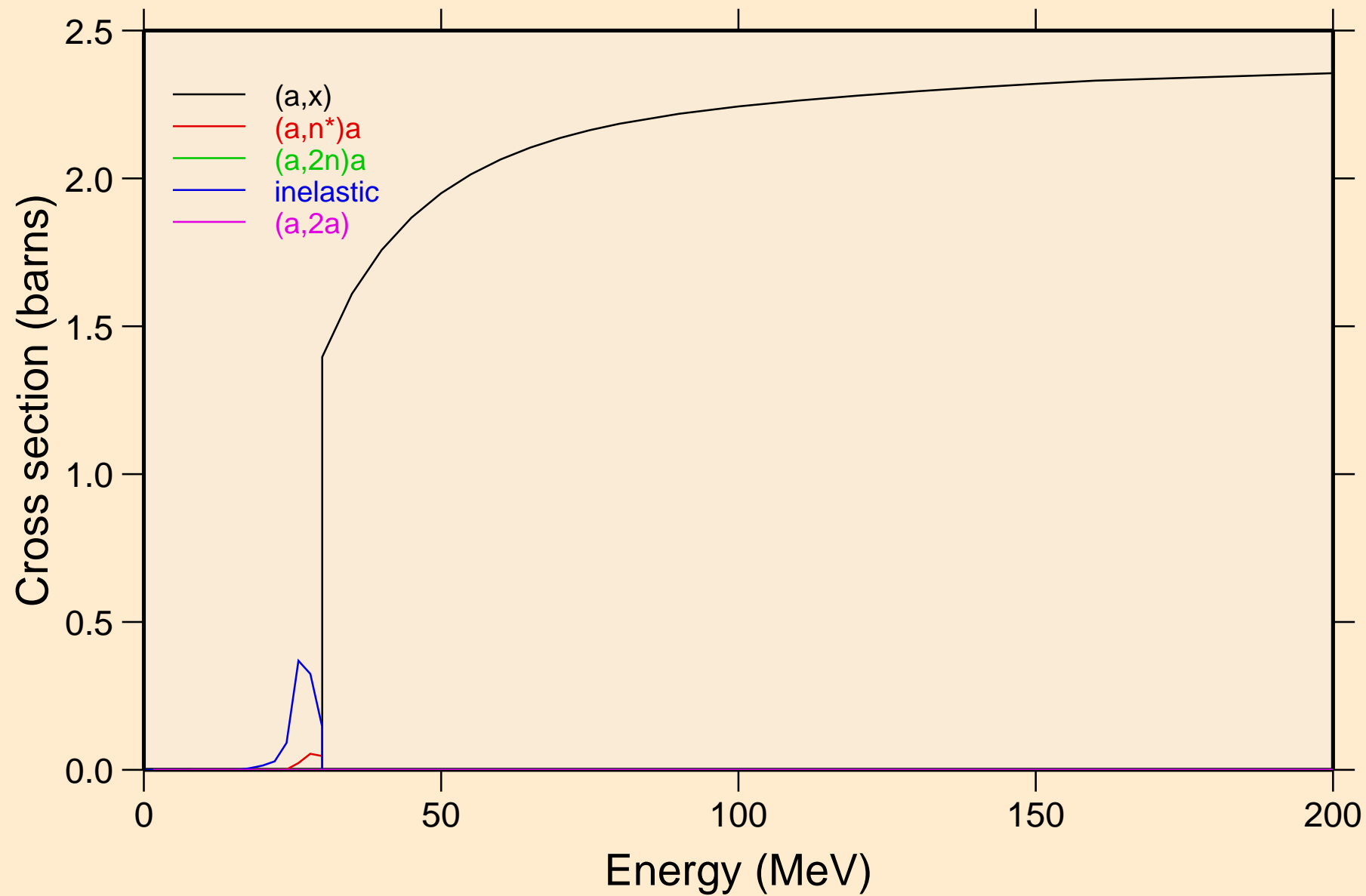


# CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating

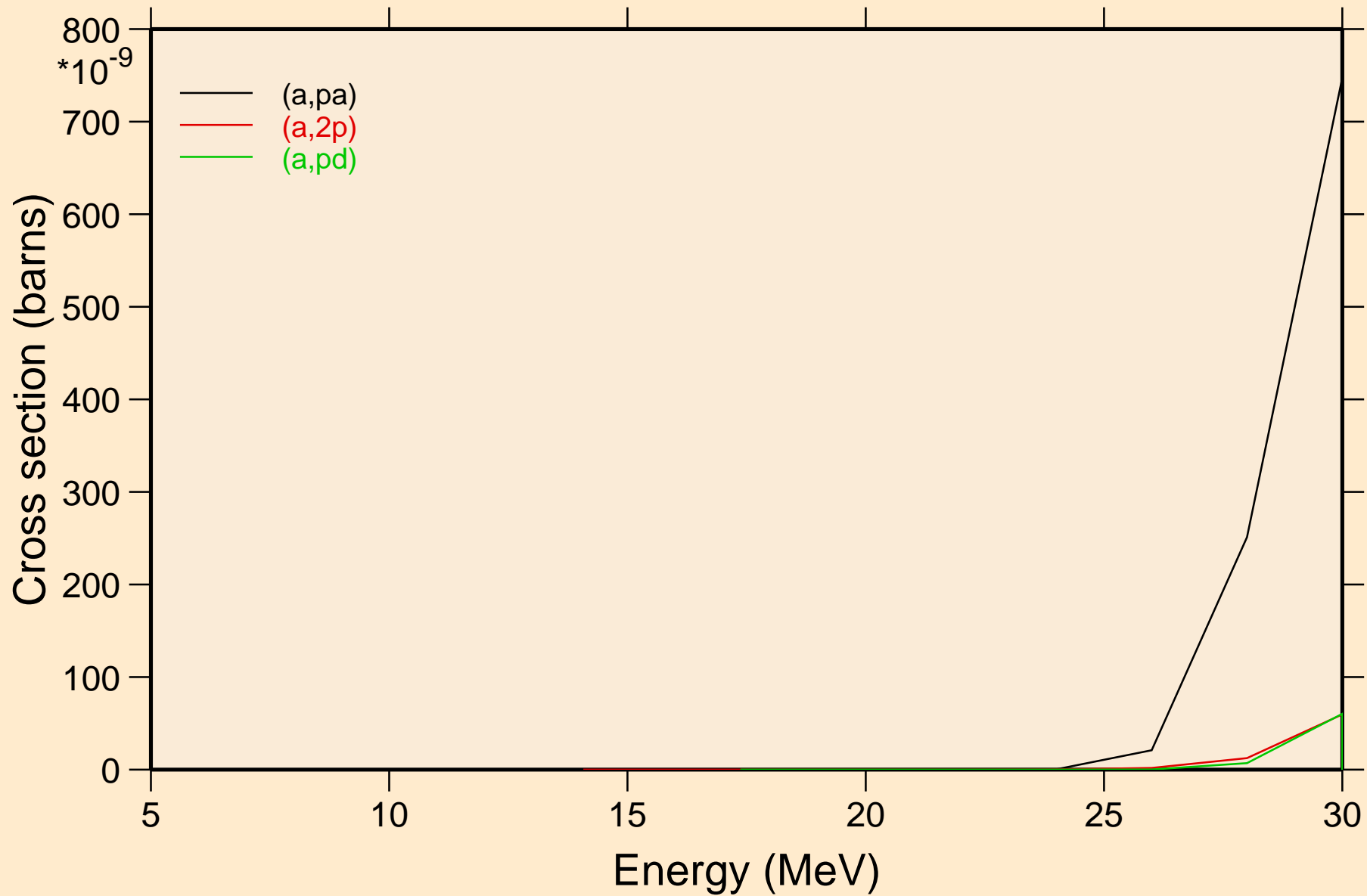


CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

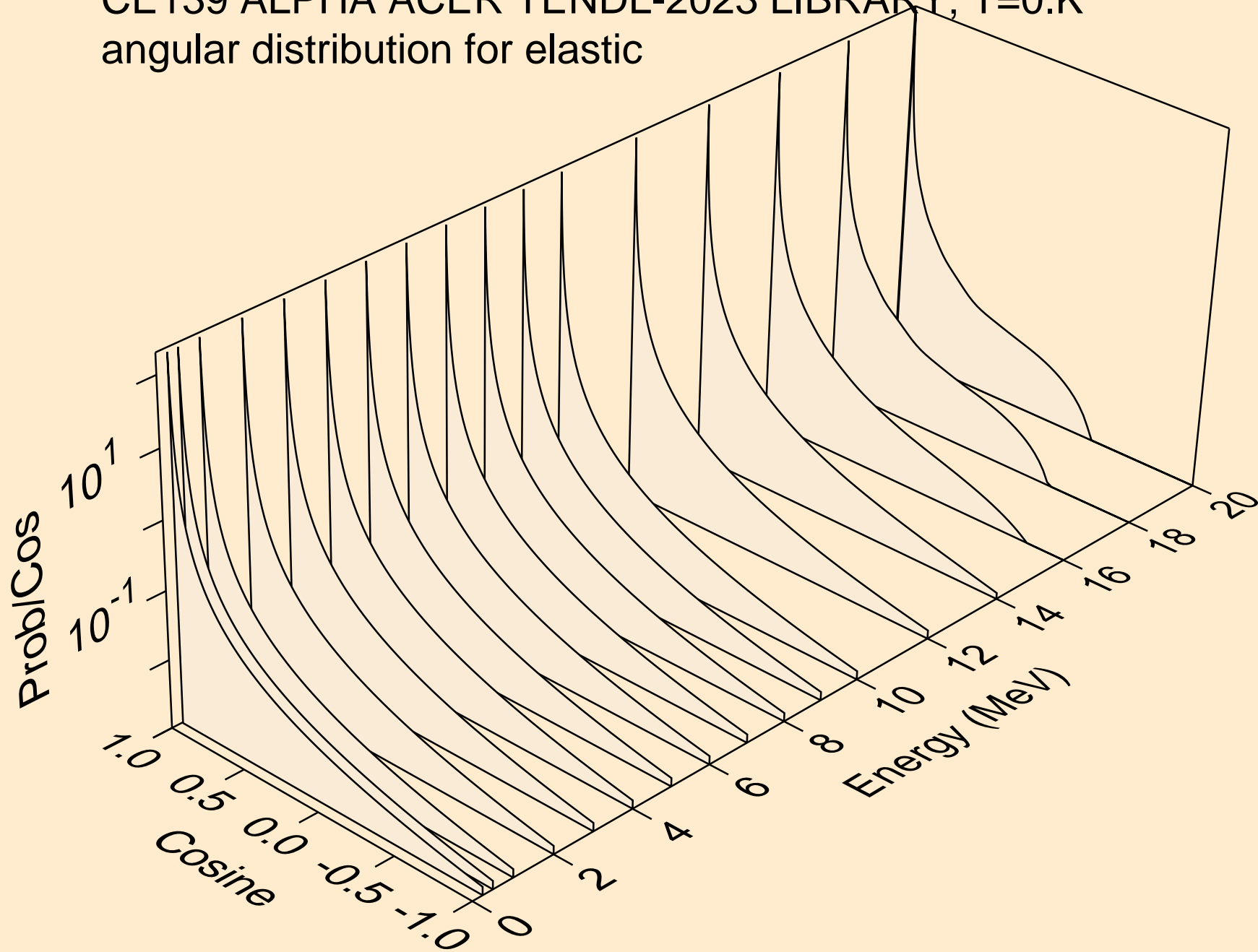


# CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

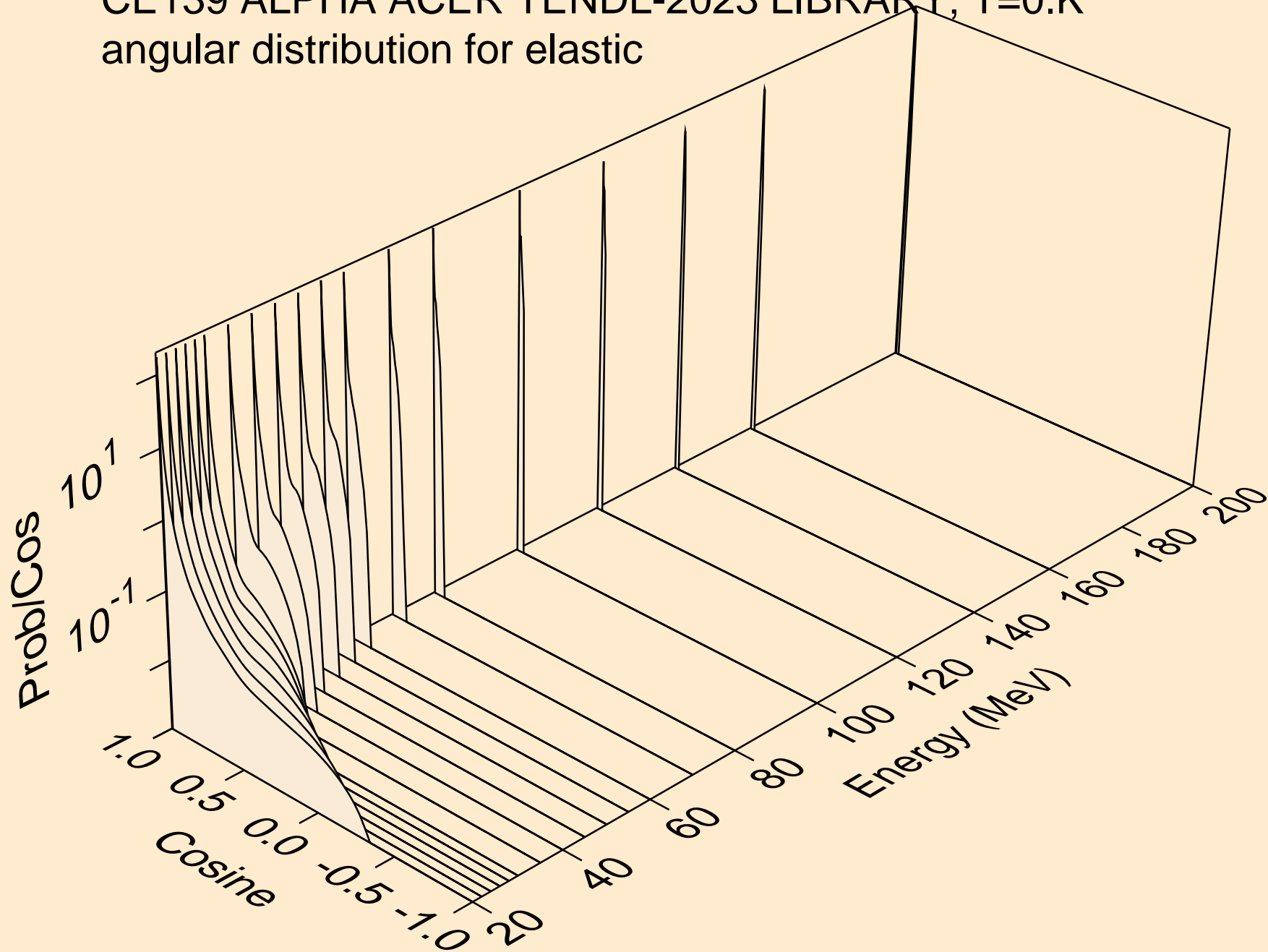
## Threshold reactions



CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



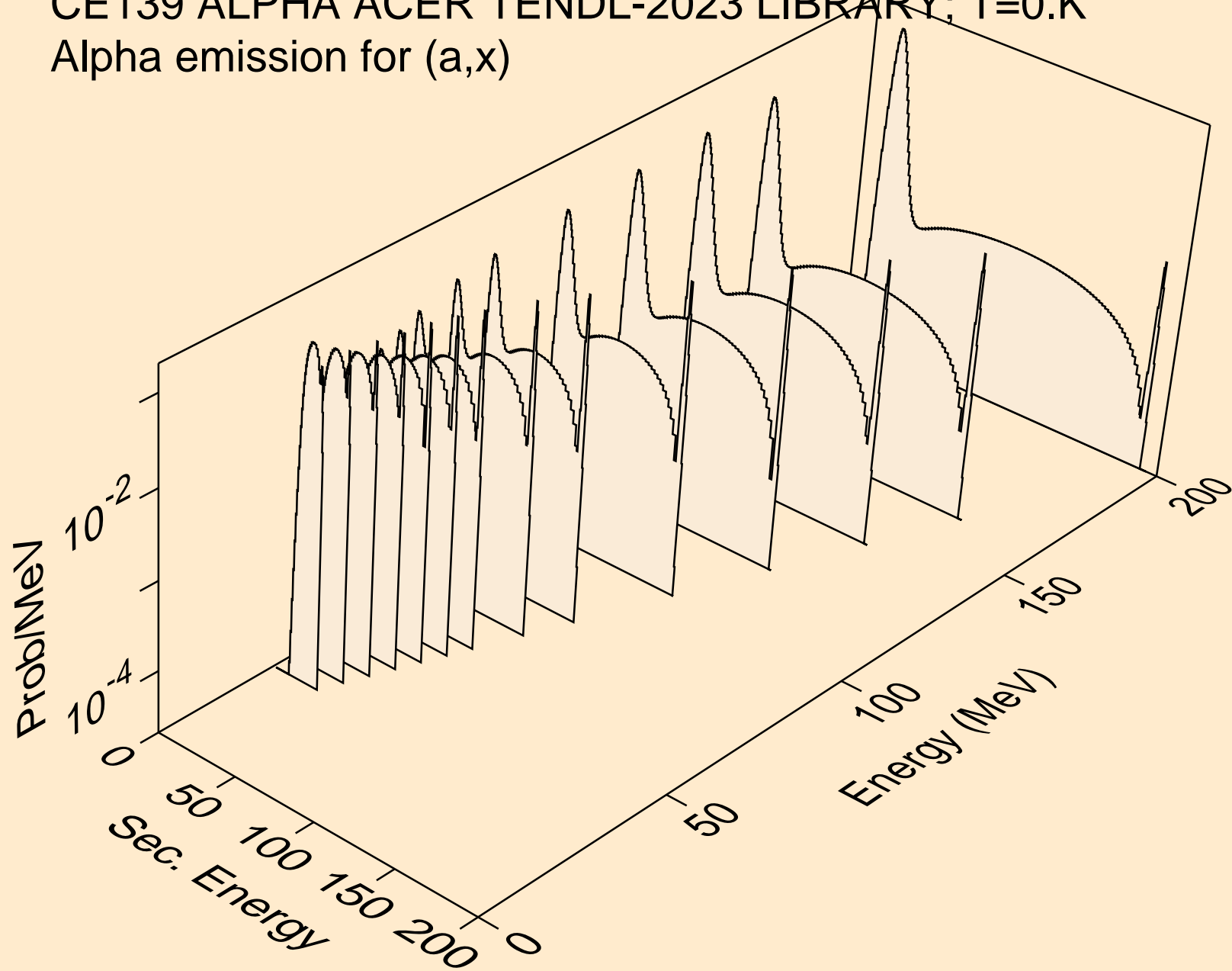
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



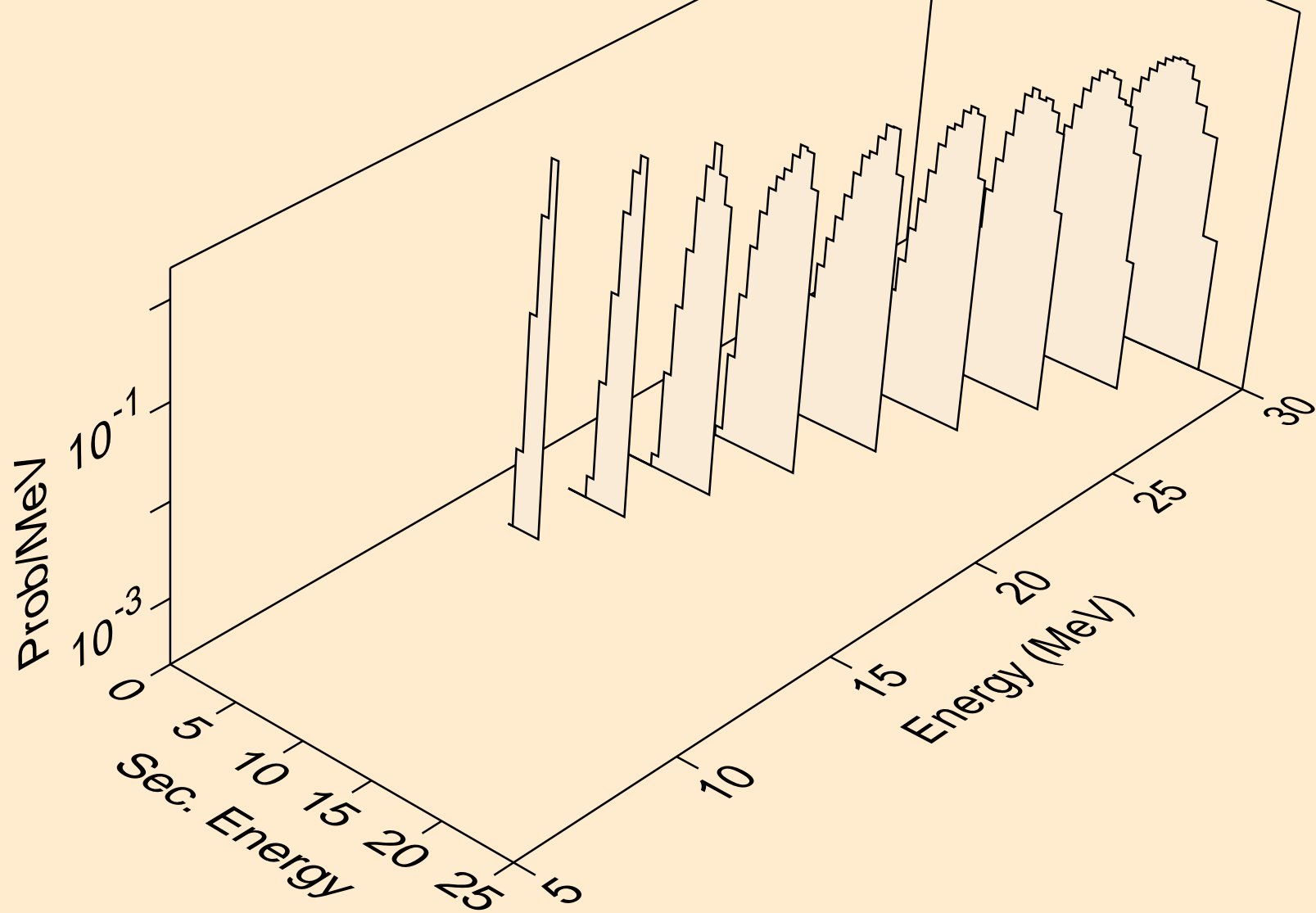


# CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

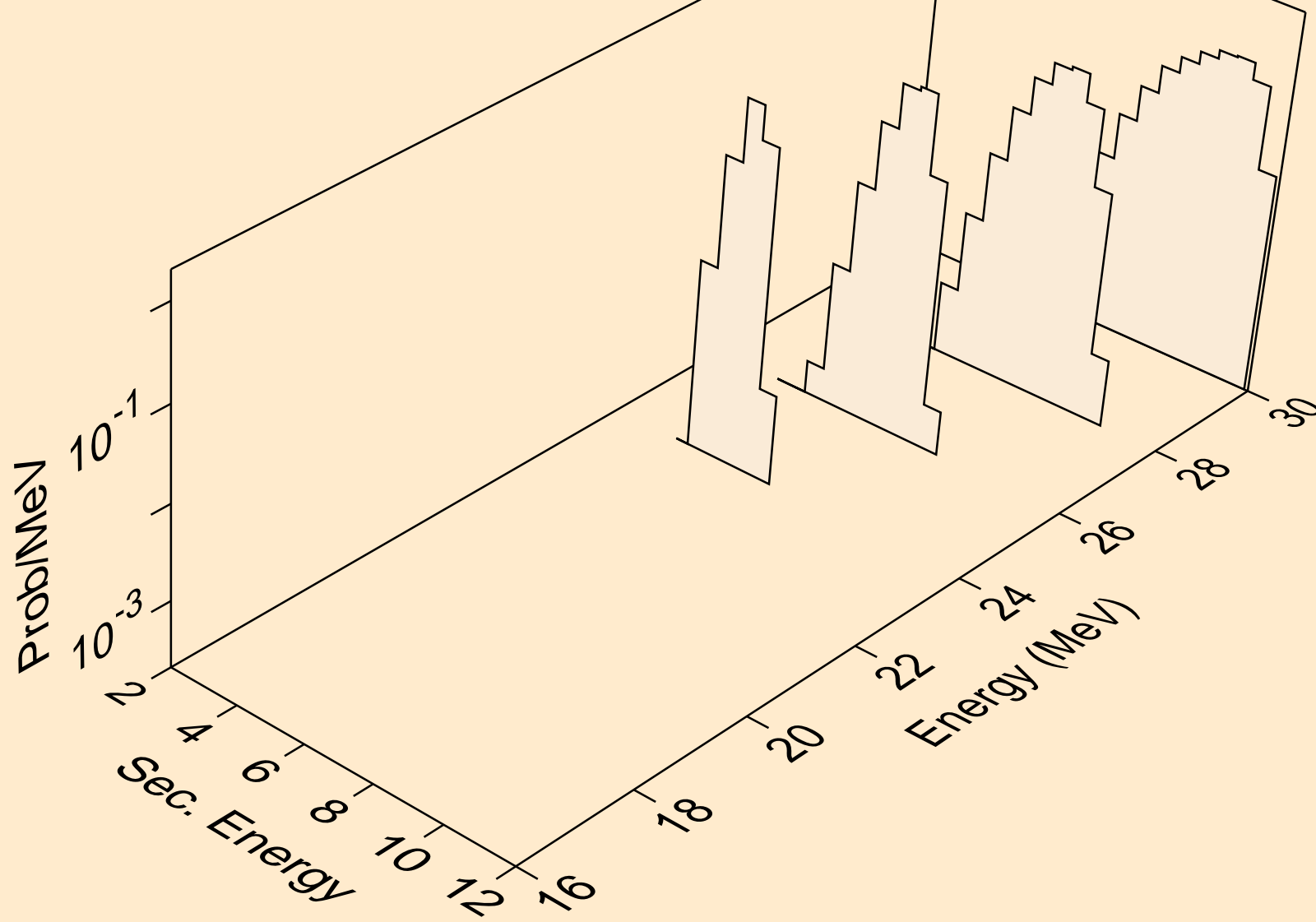
Alpha emission for (a,x)



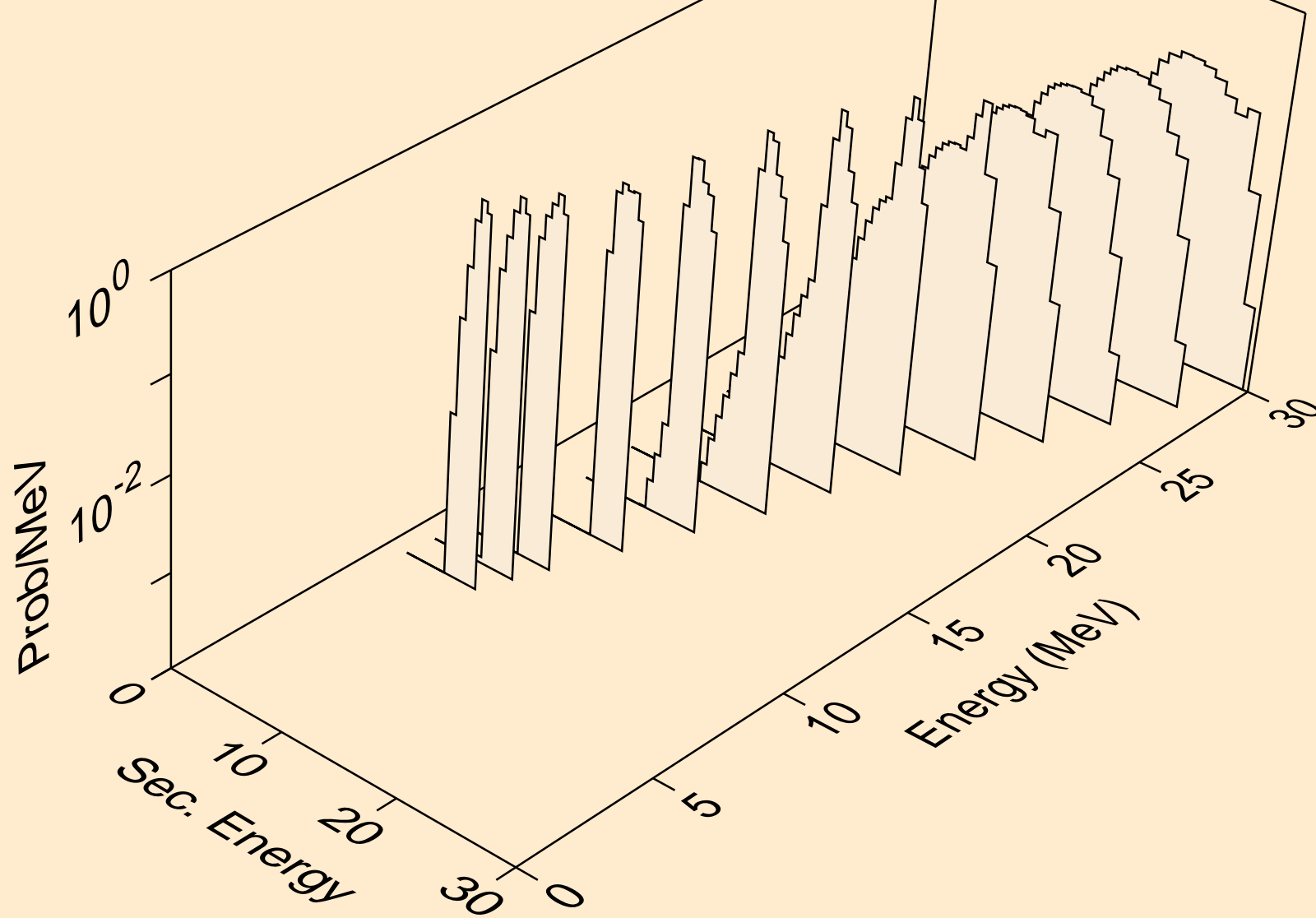
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



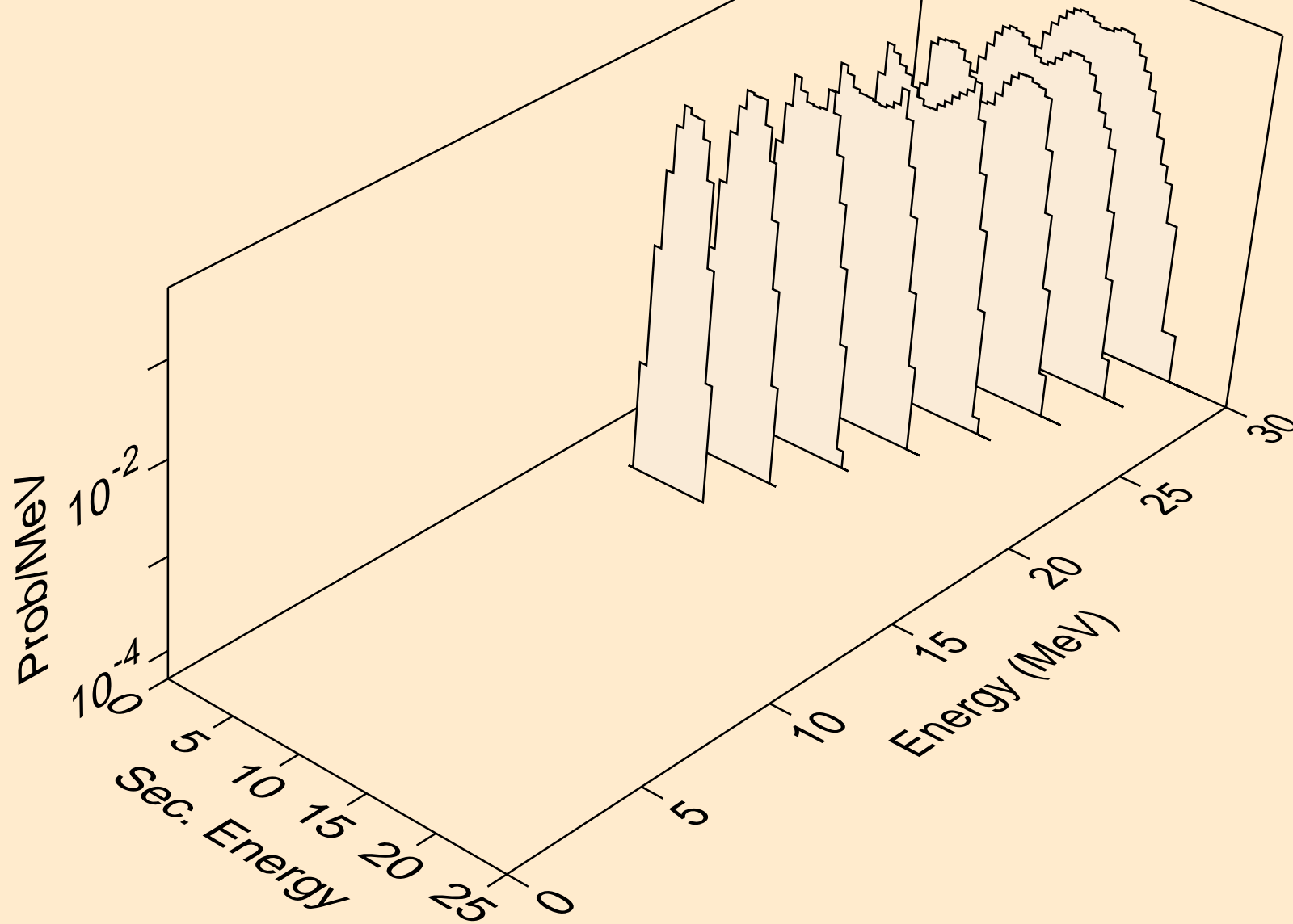
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



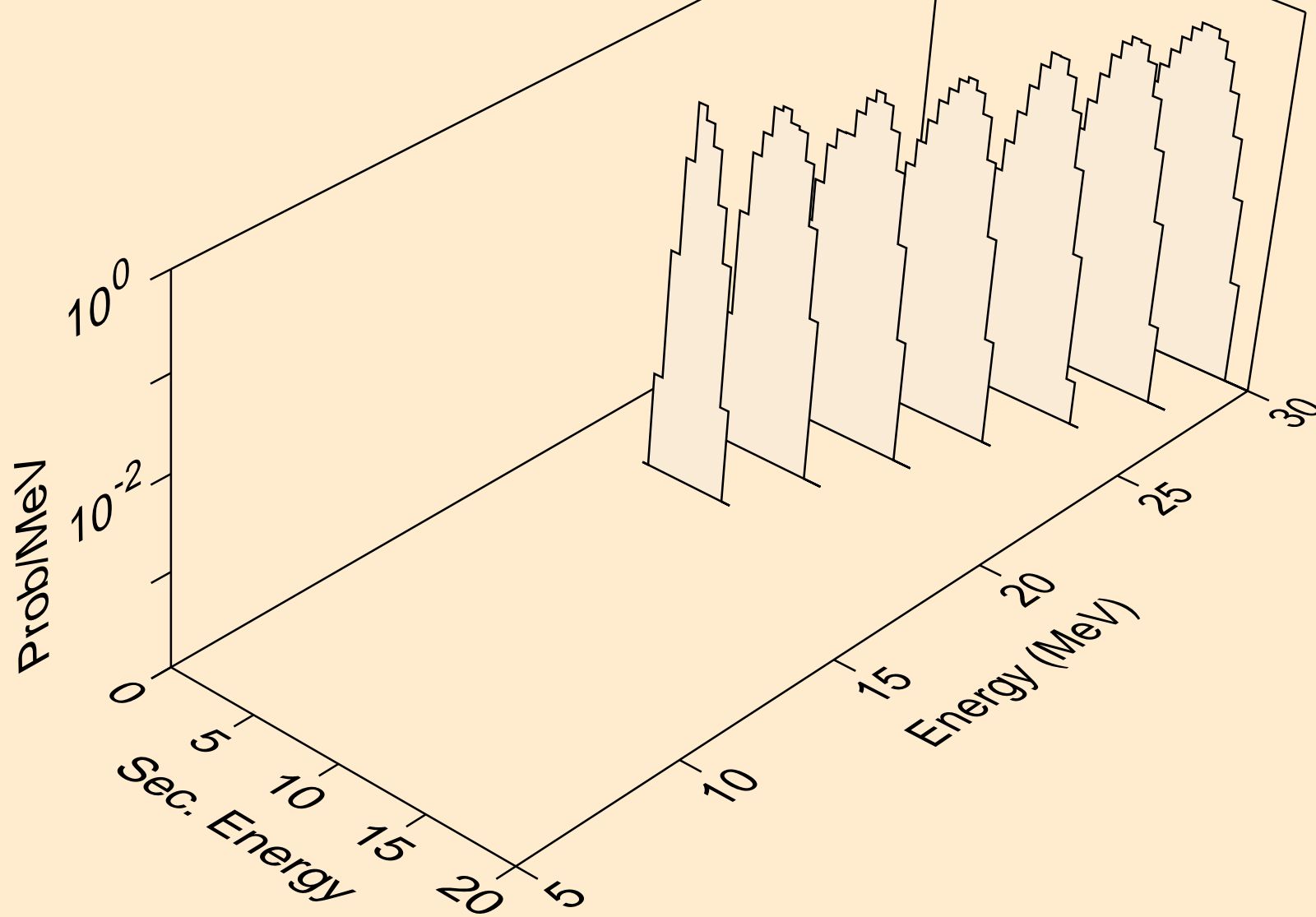
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



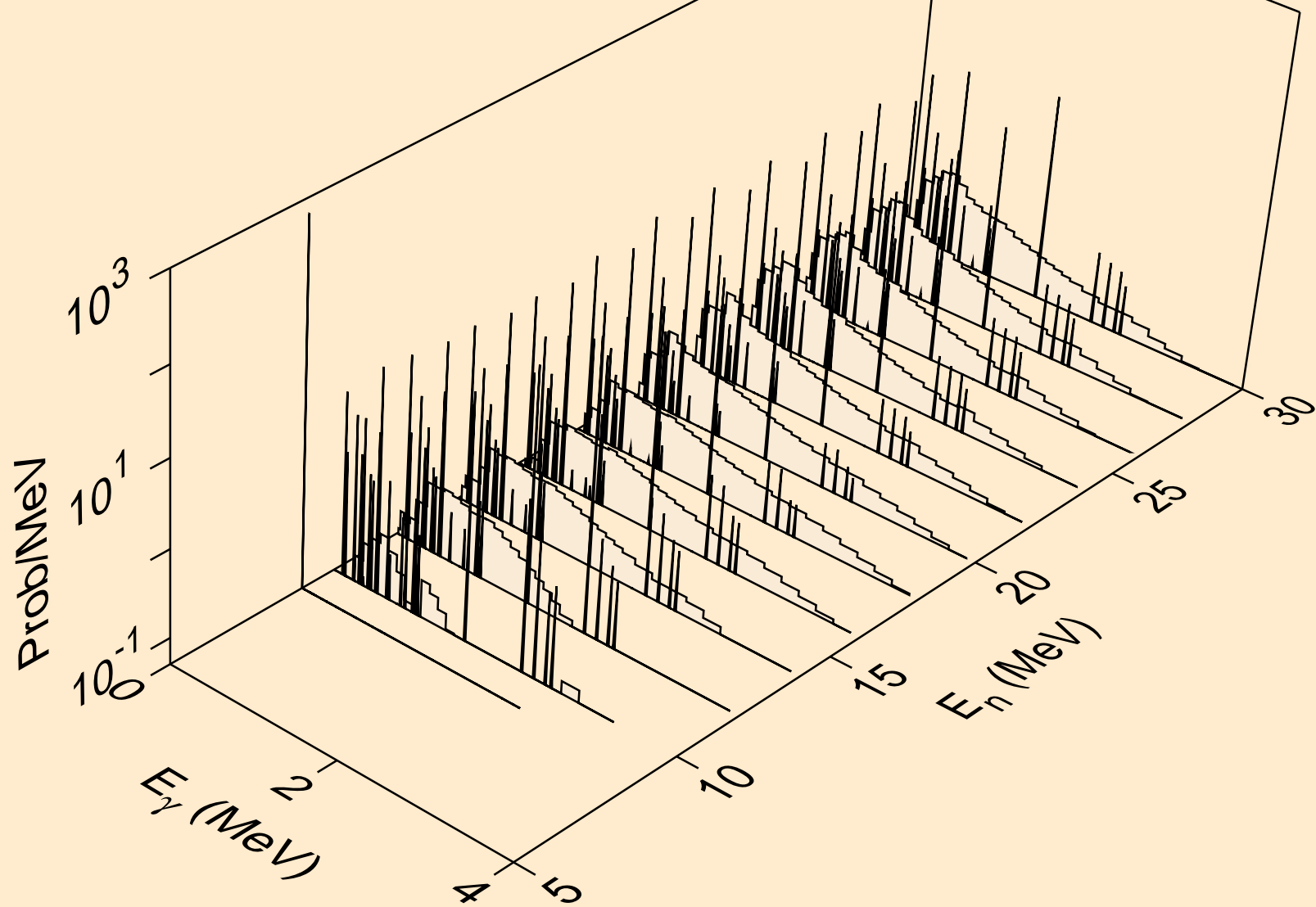
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



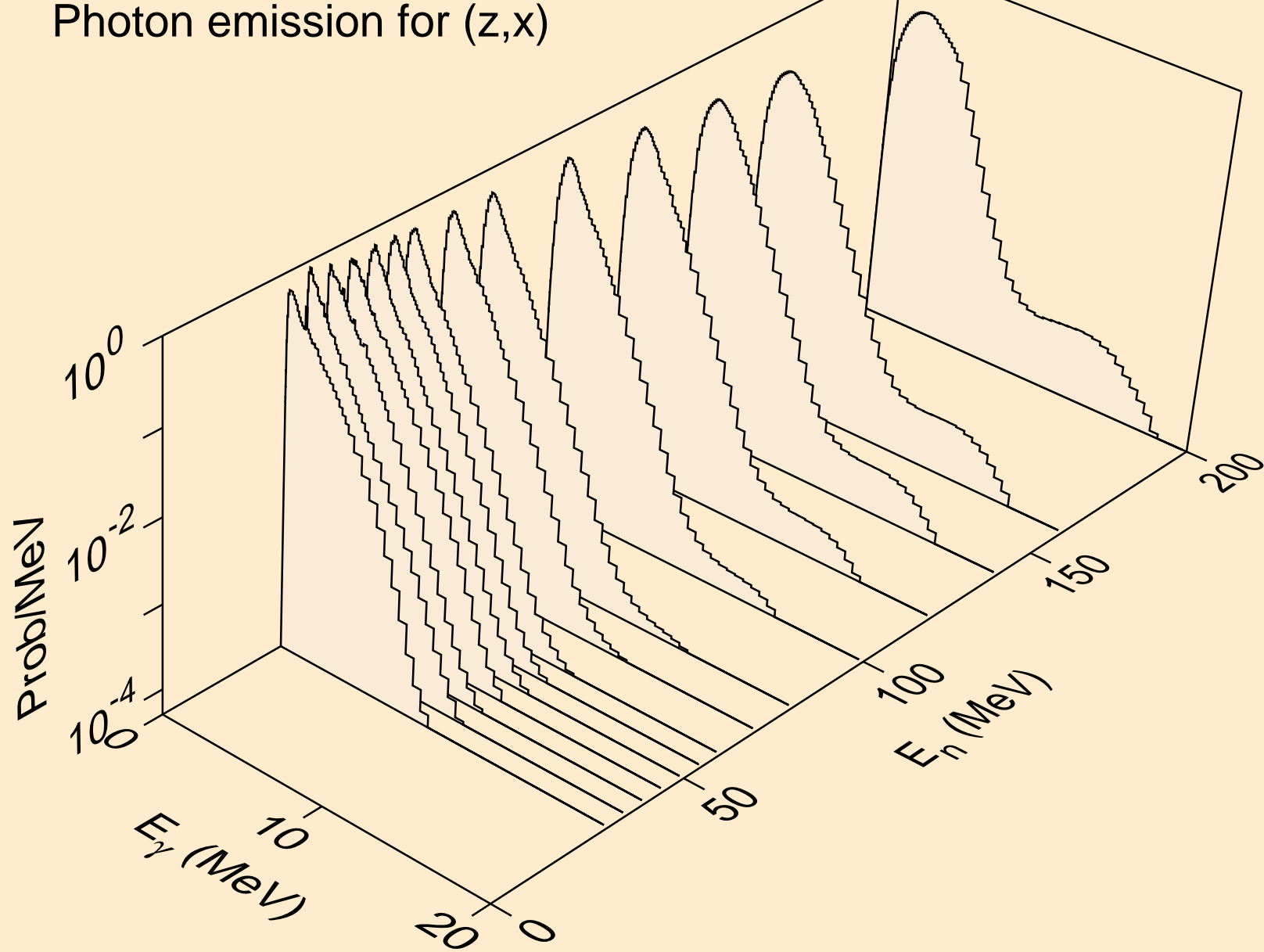
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

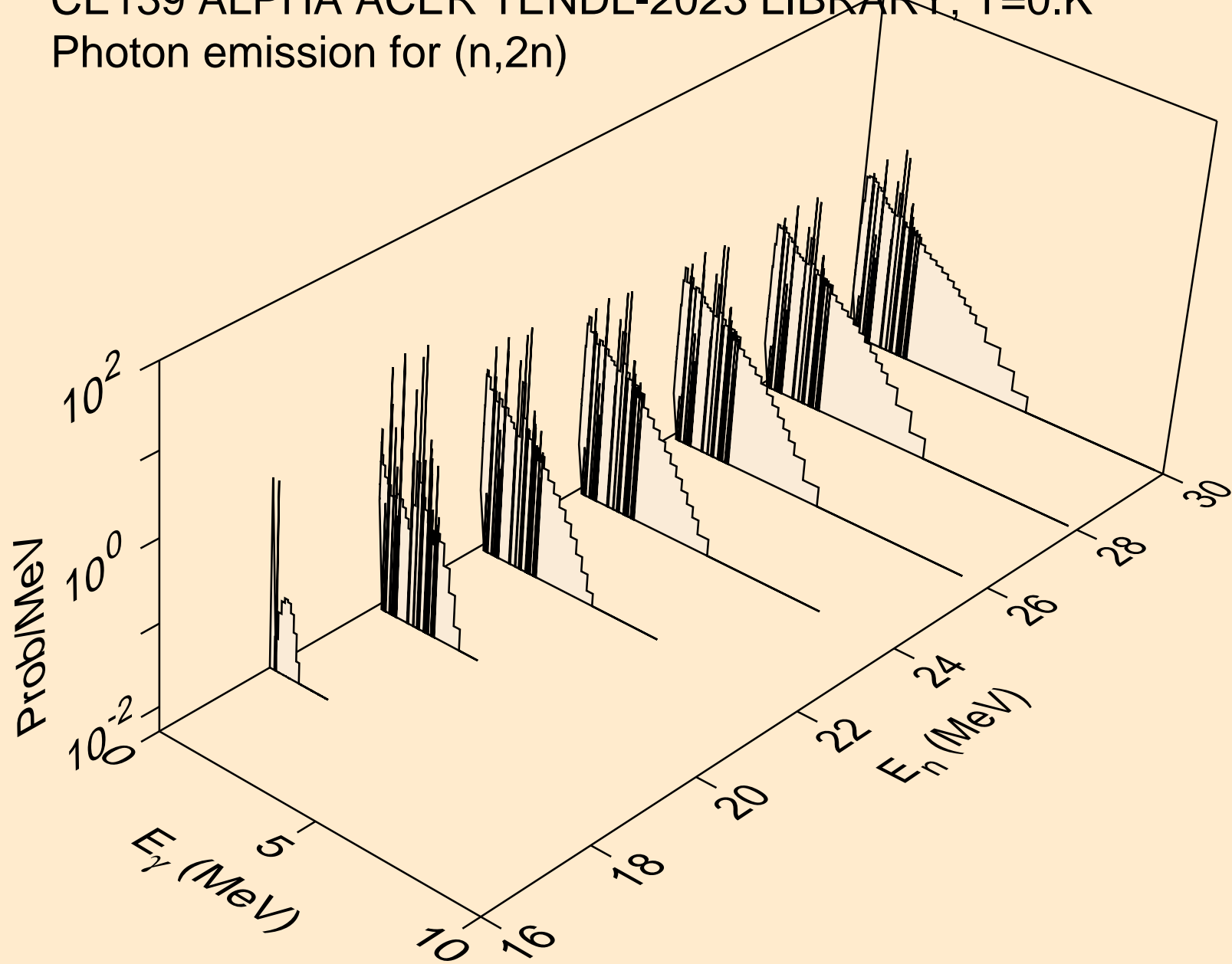


CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

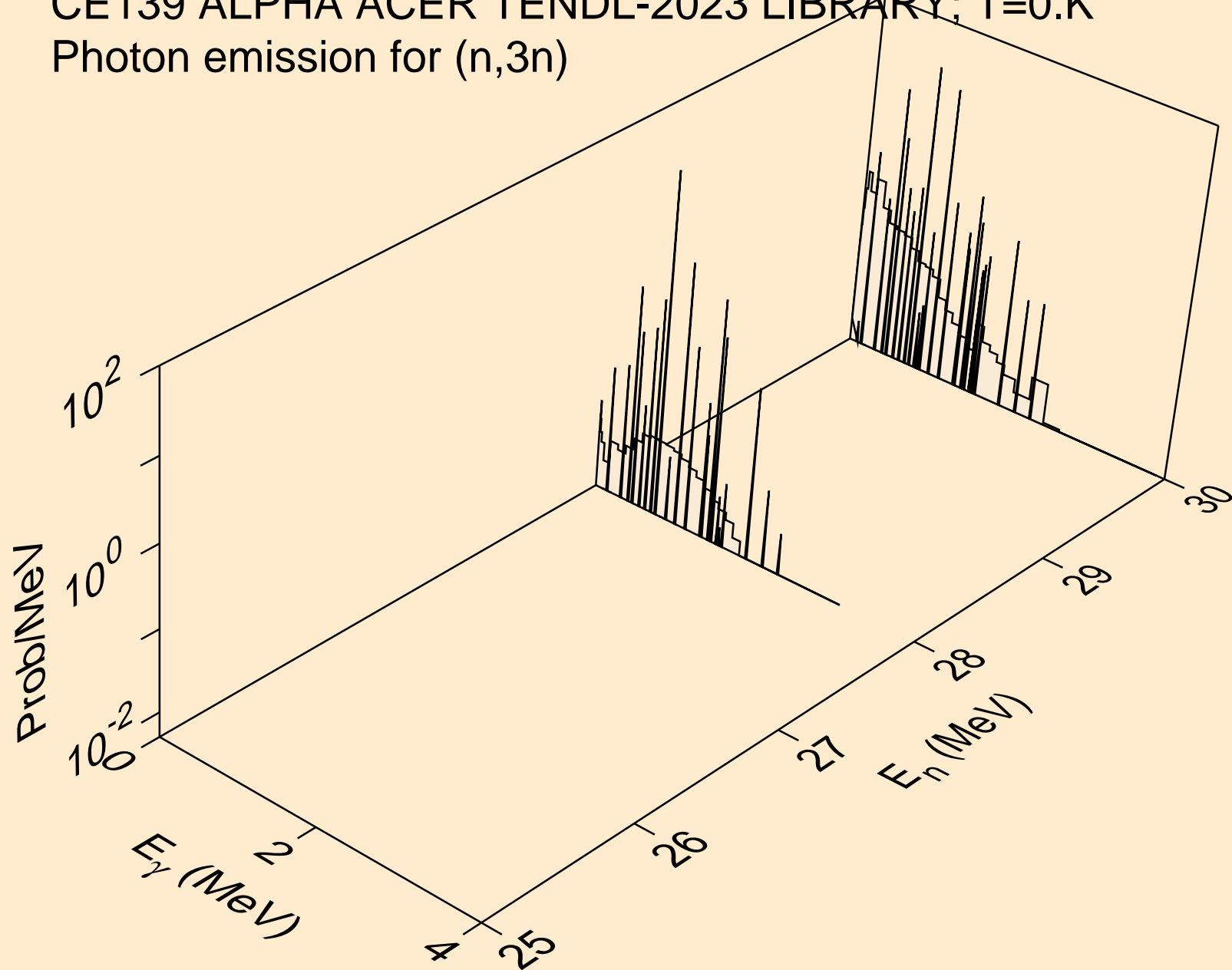




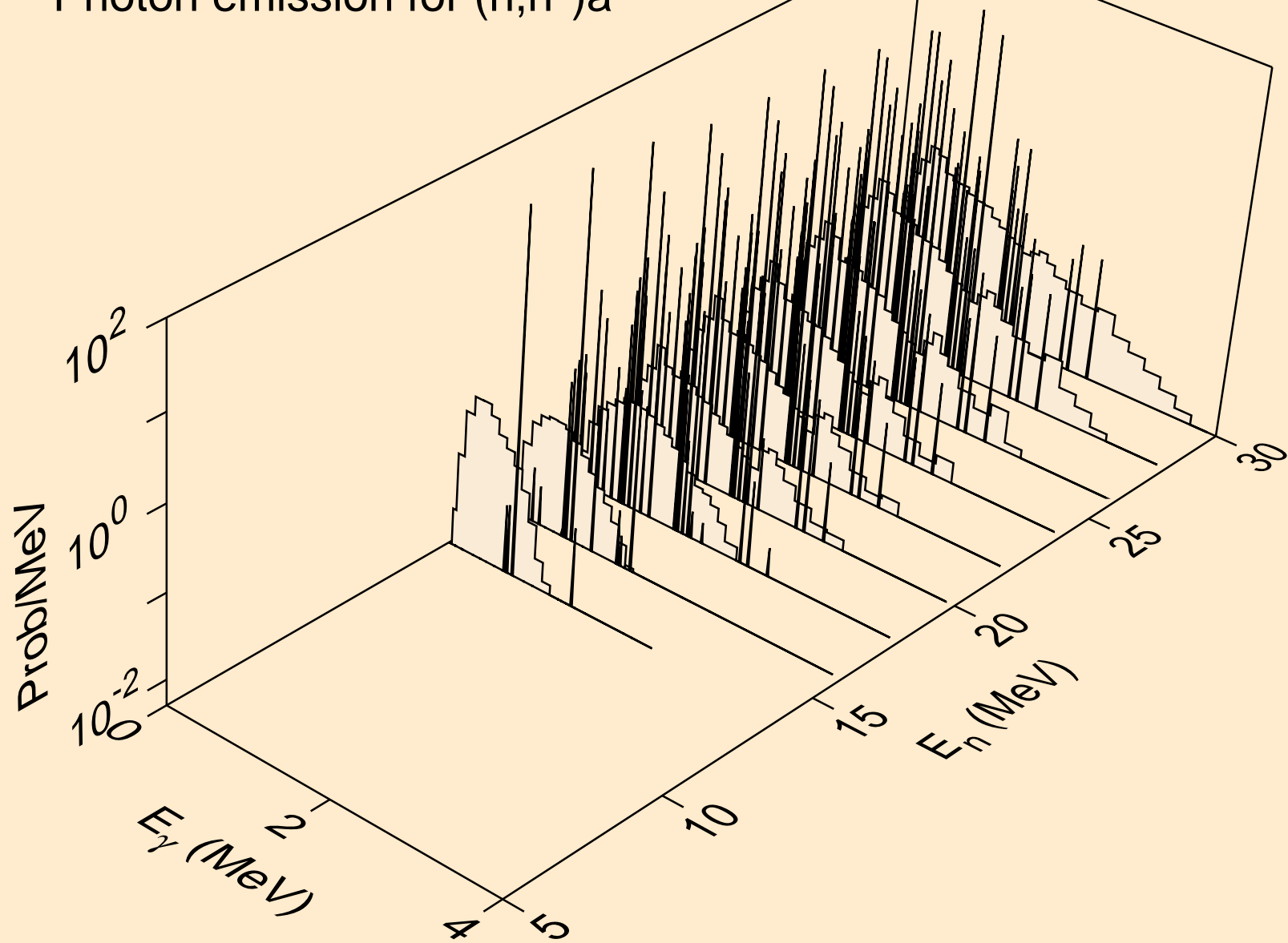
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



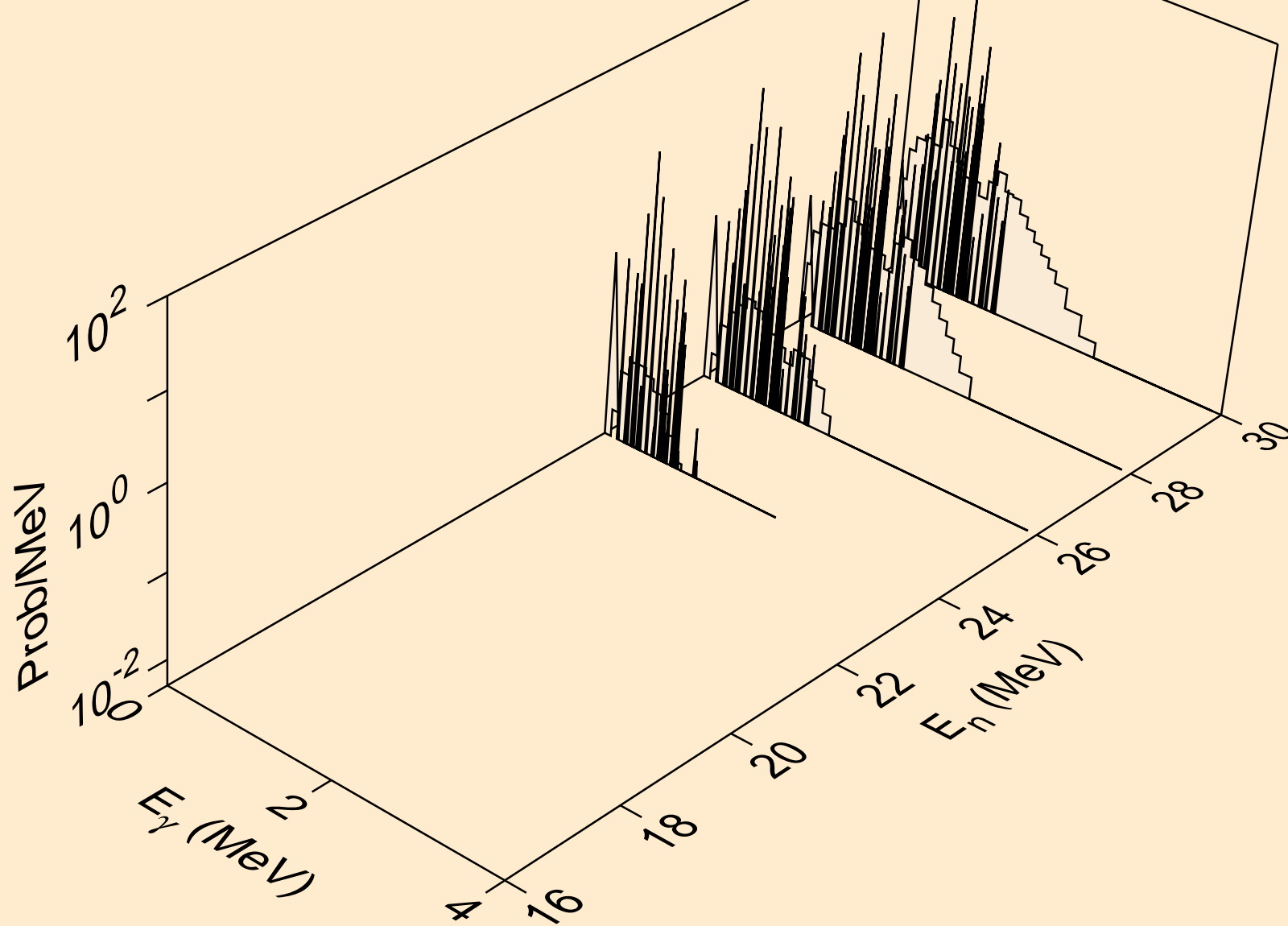
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



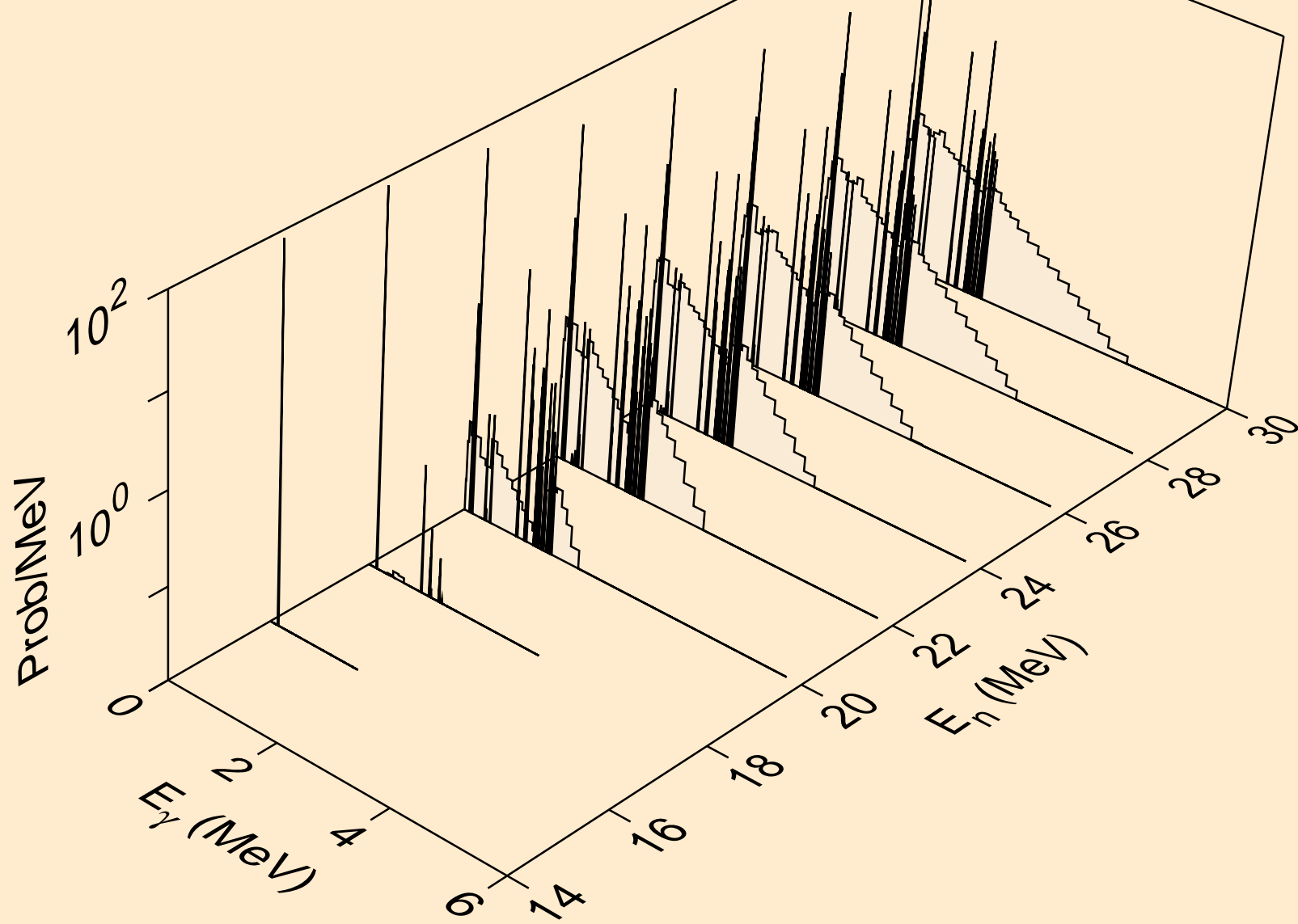
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



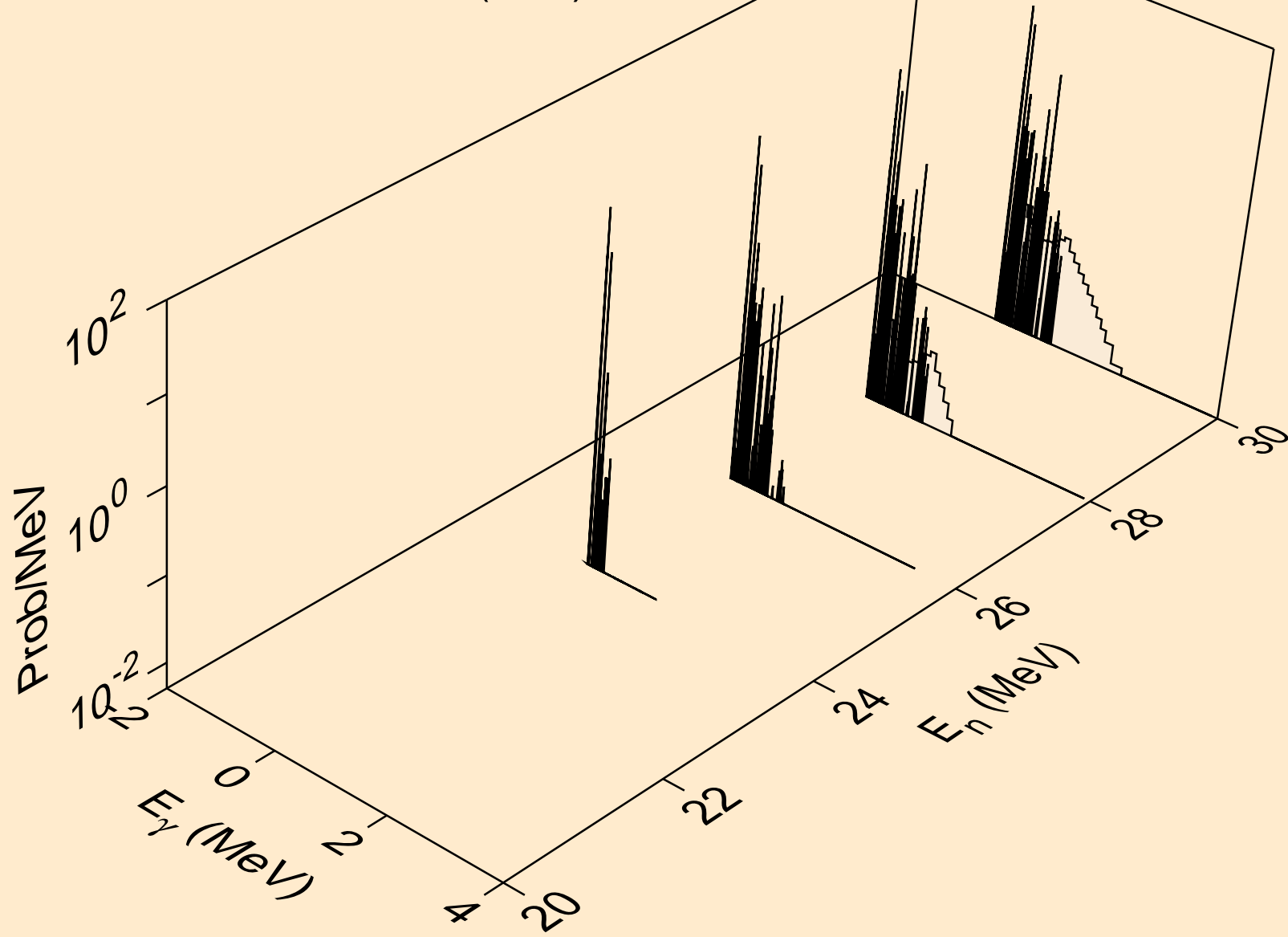
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



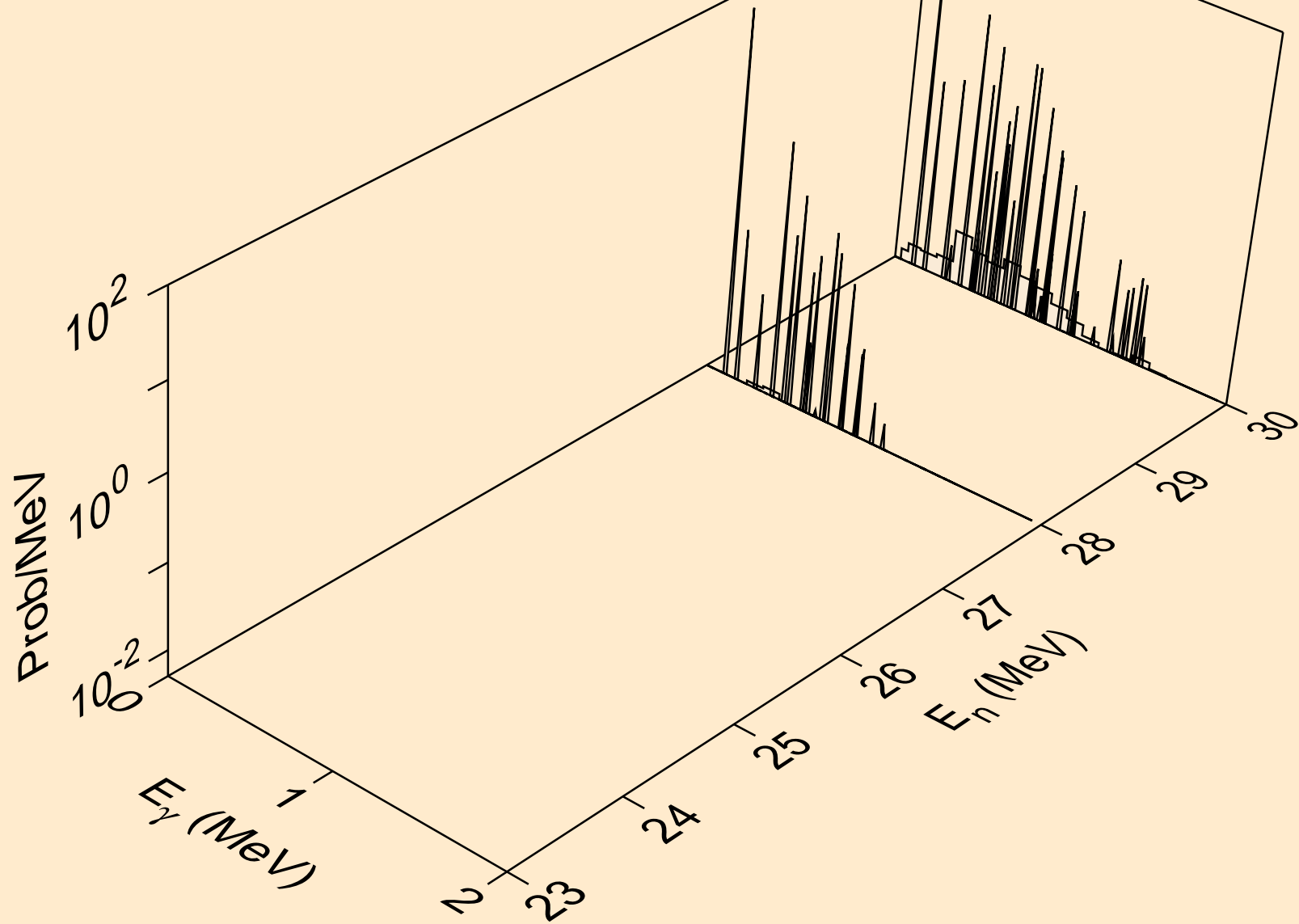
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



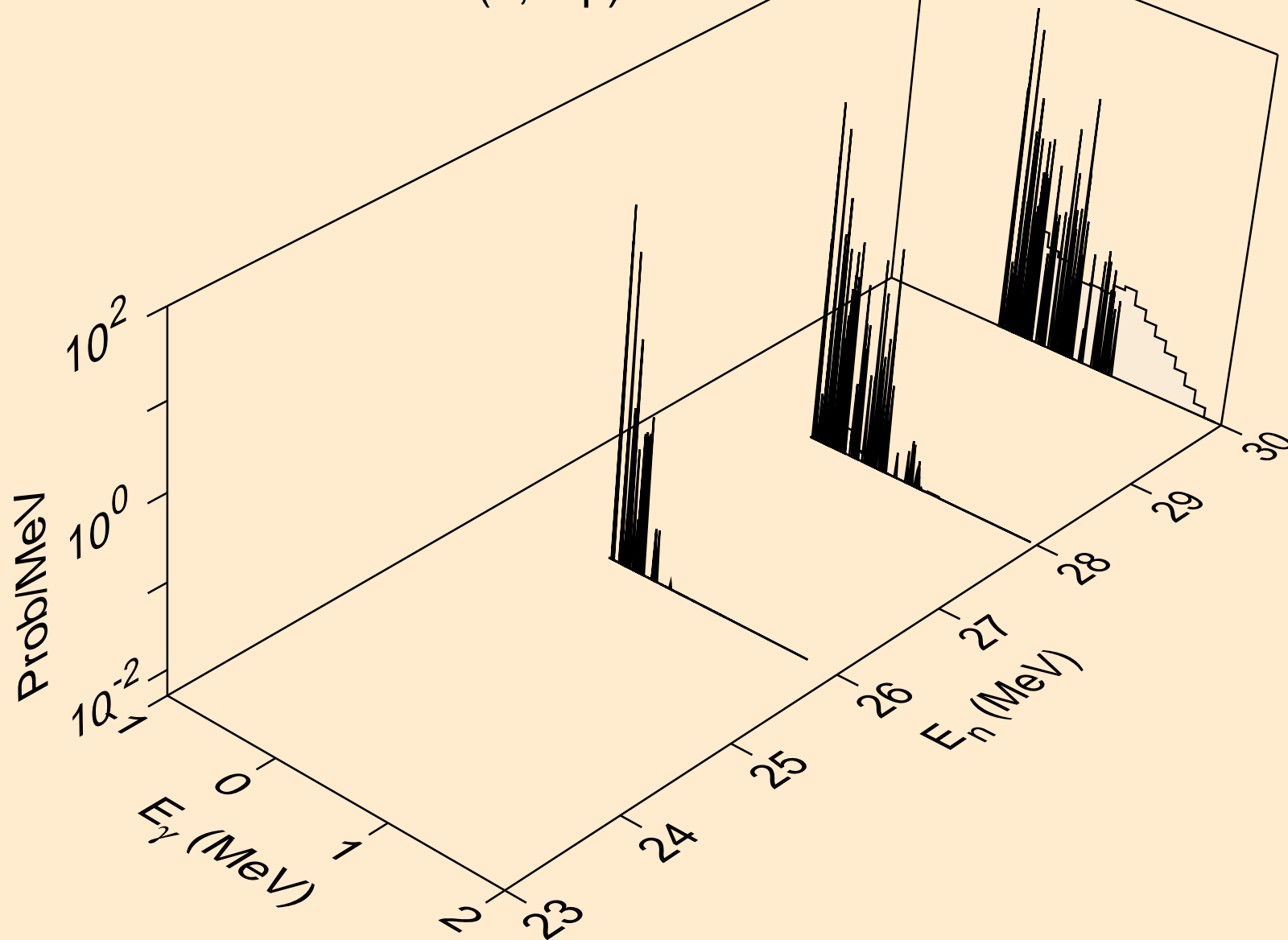
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

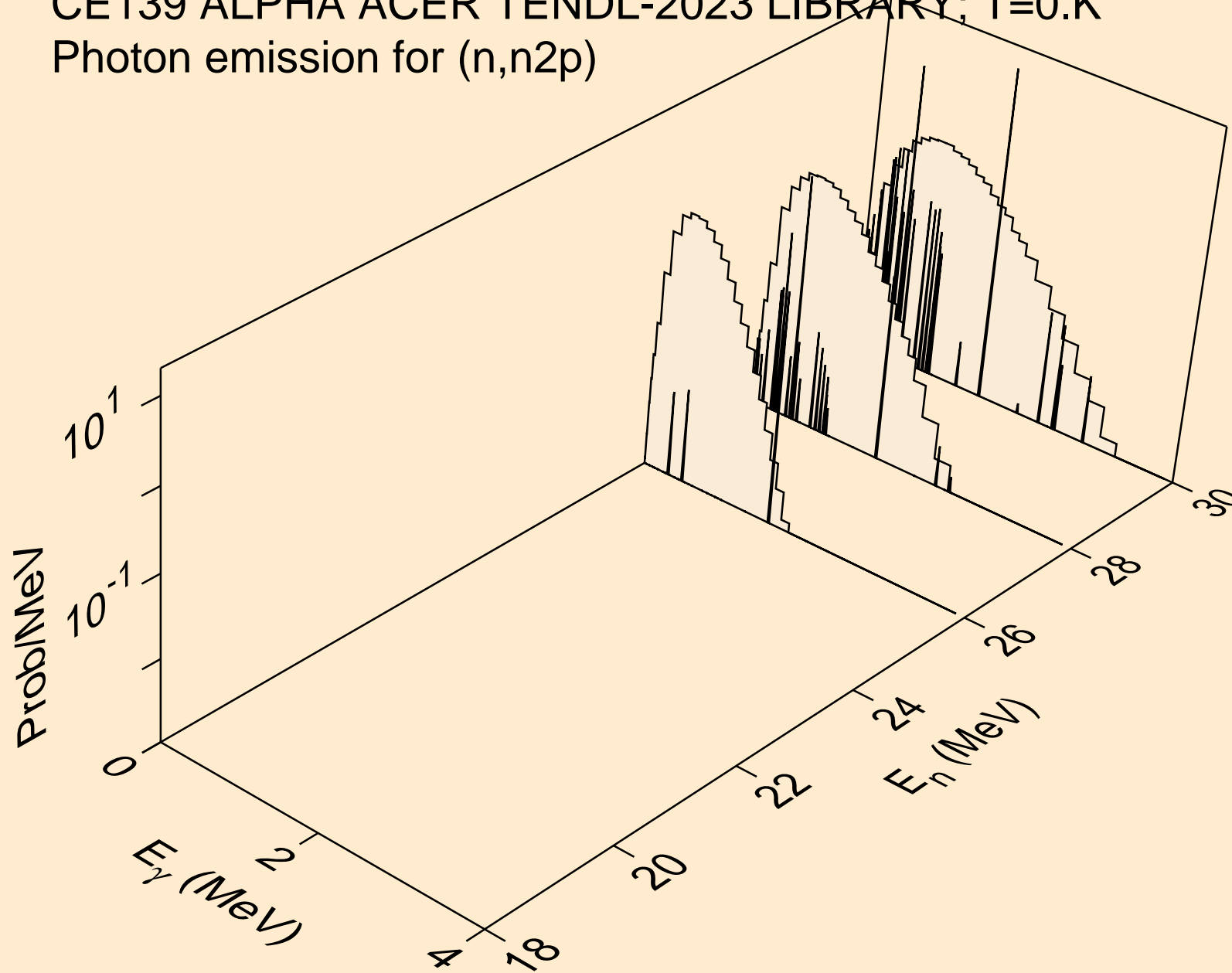


CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

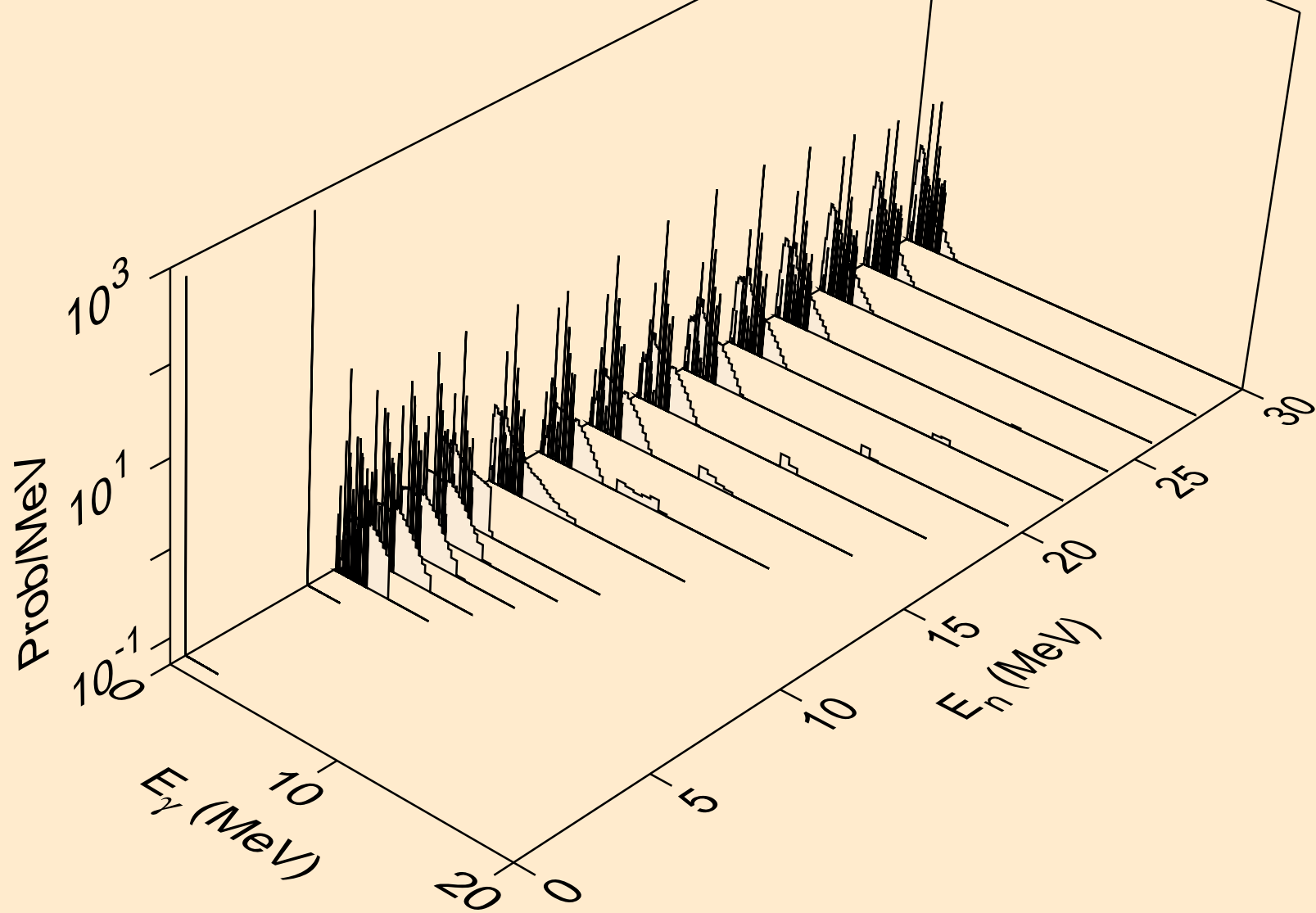




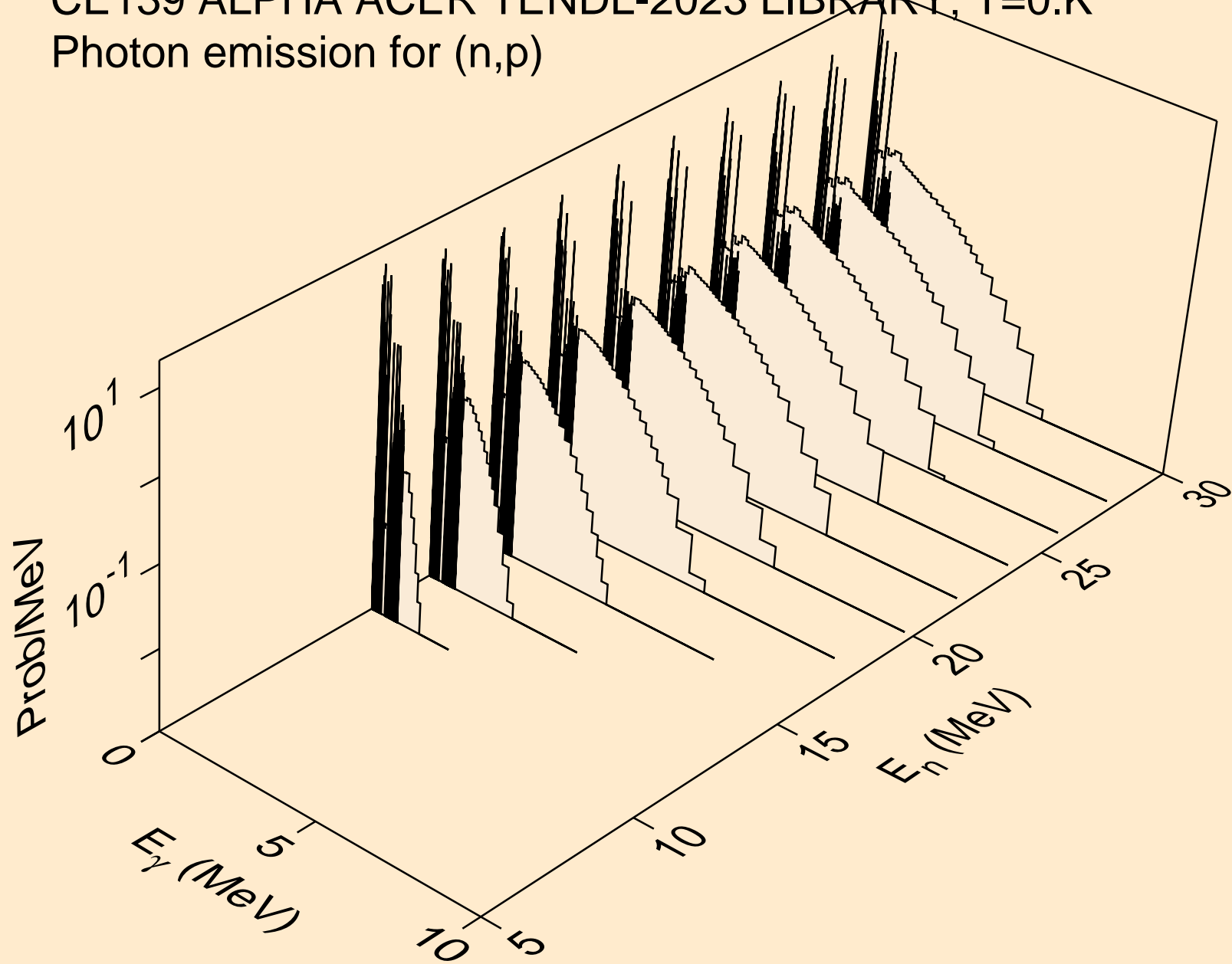
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



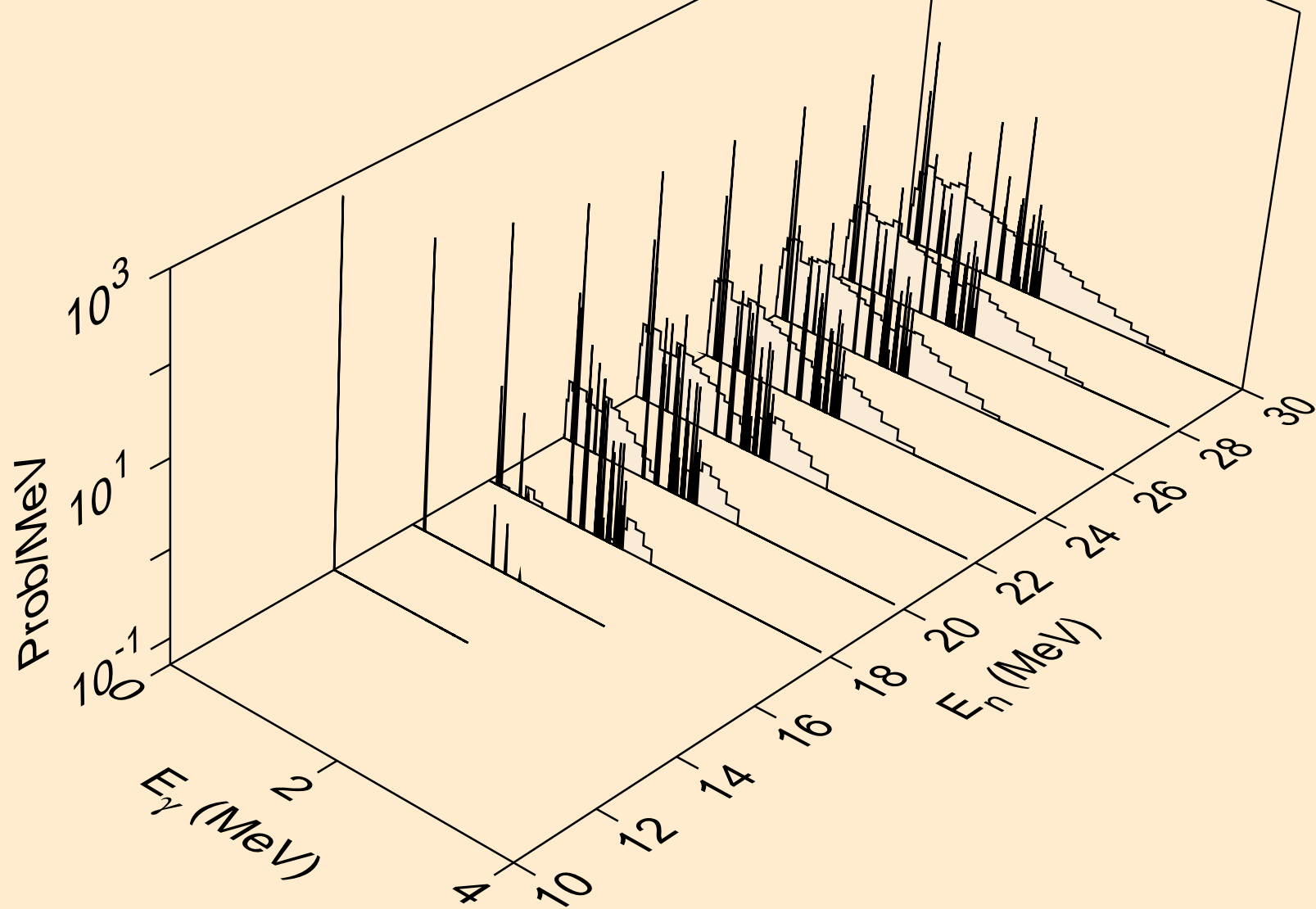
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Photon emission for (n,gma)



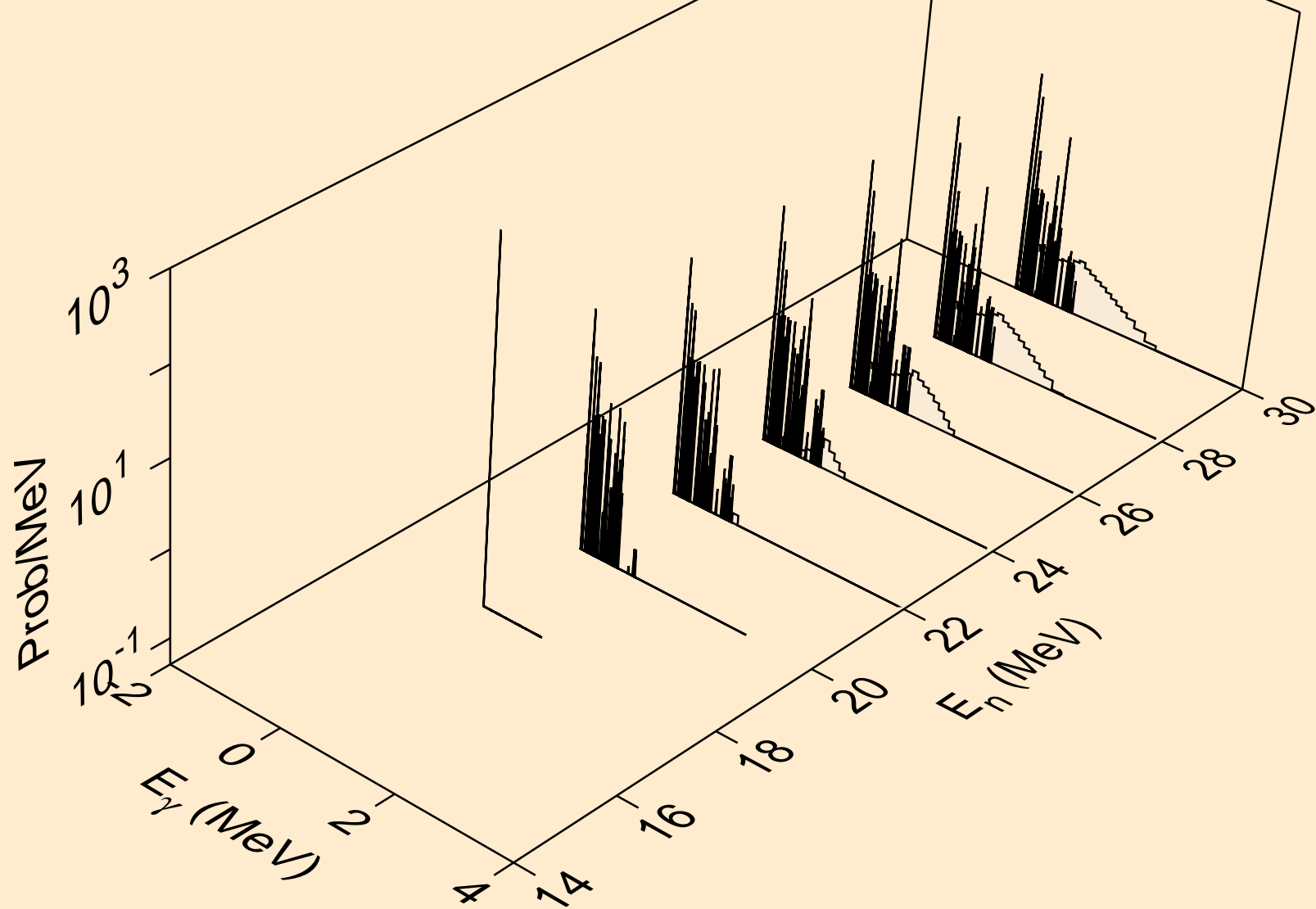
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



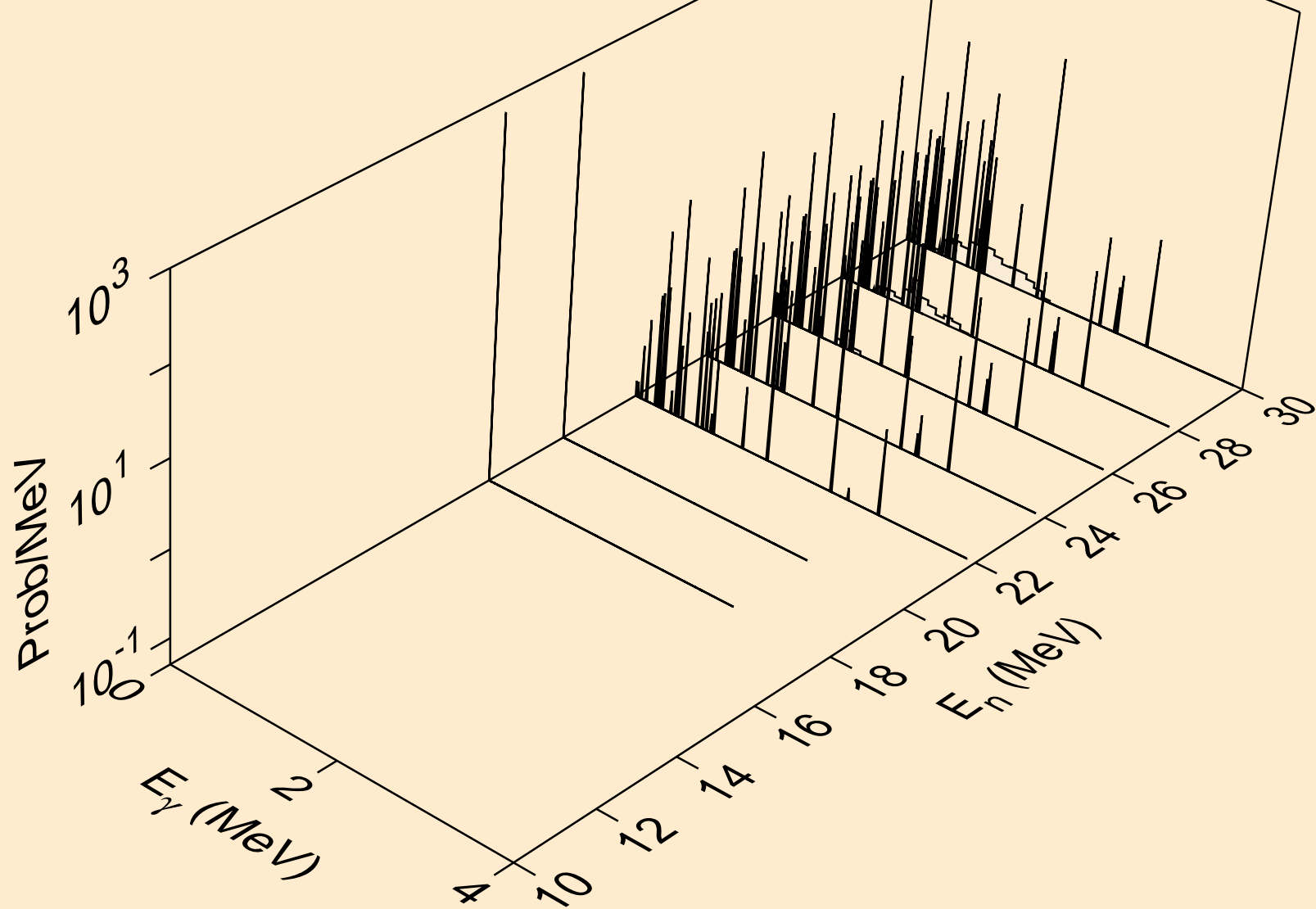
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



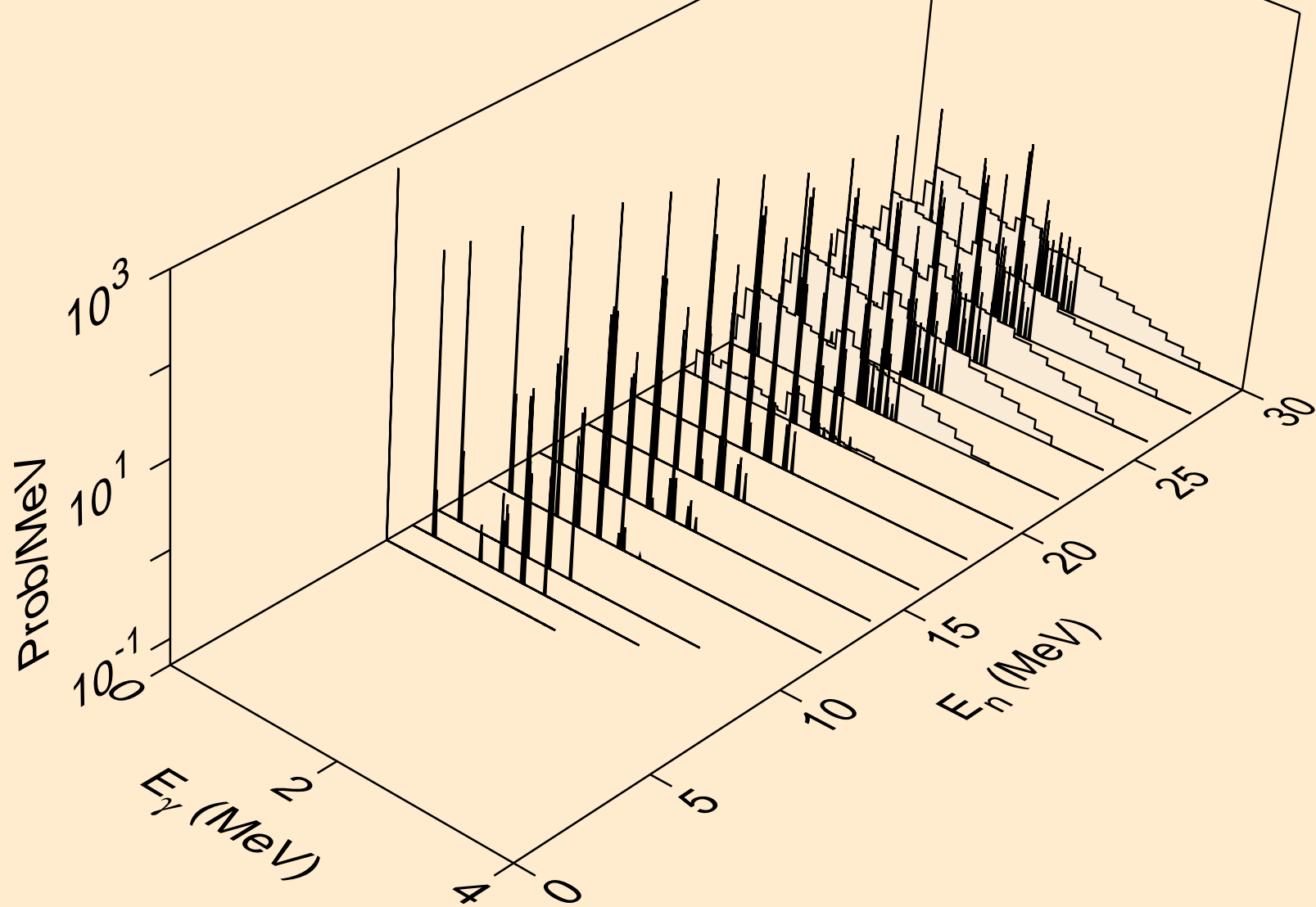
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



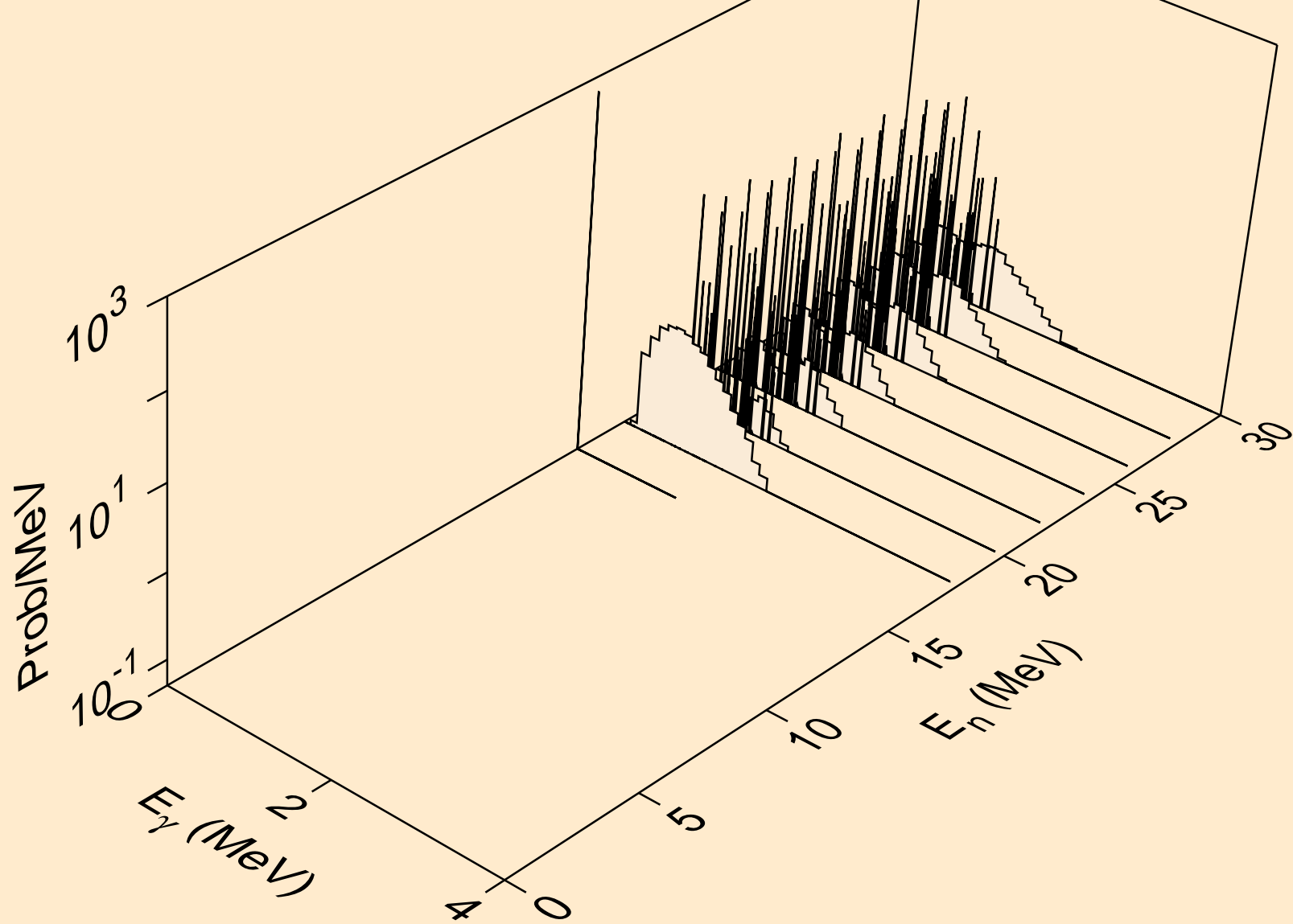
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

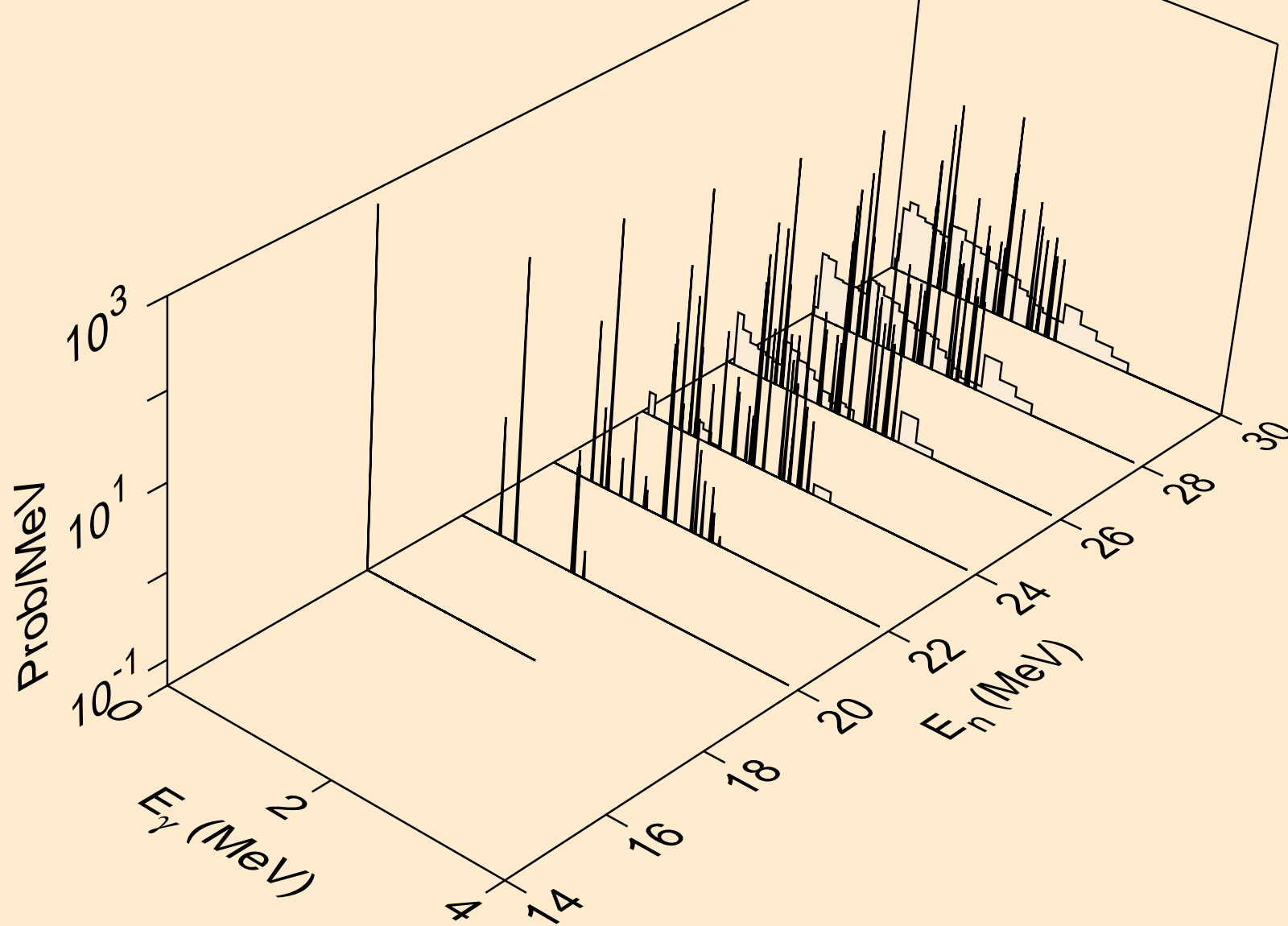


CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

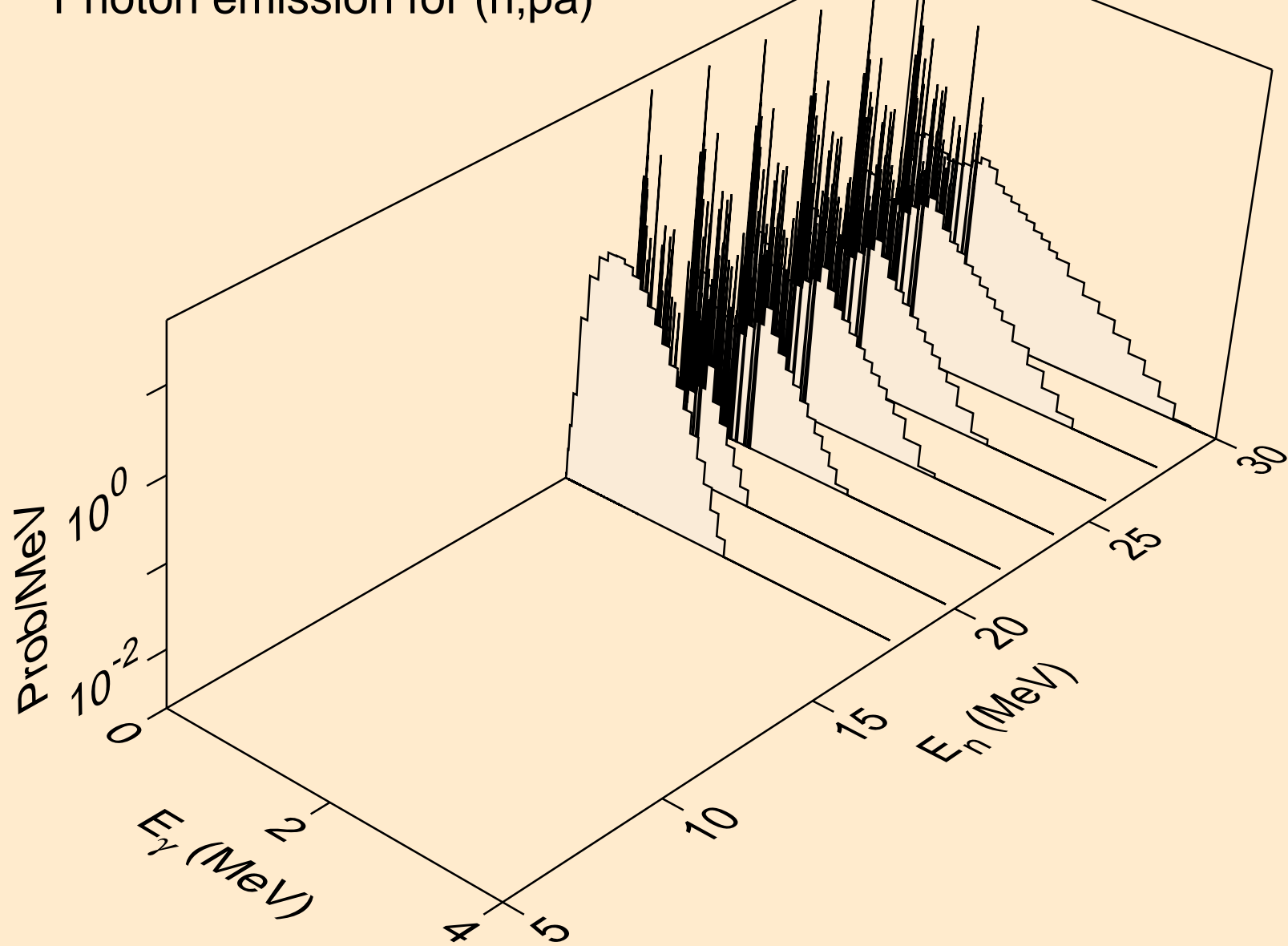




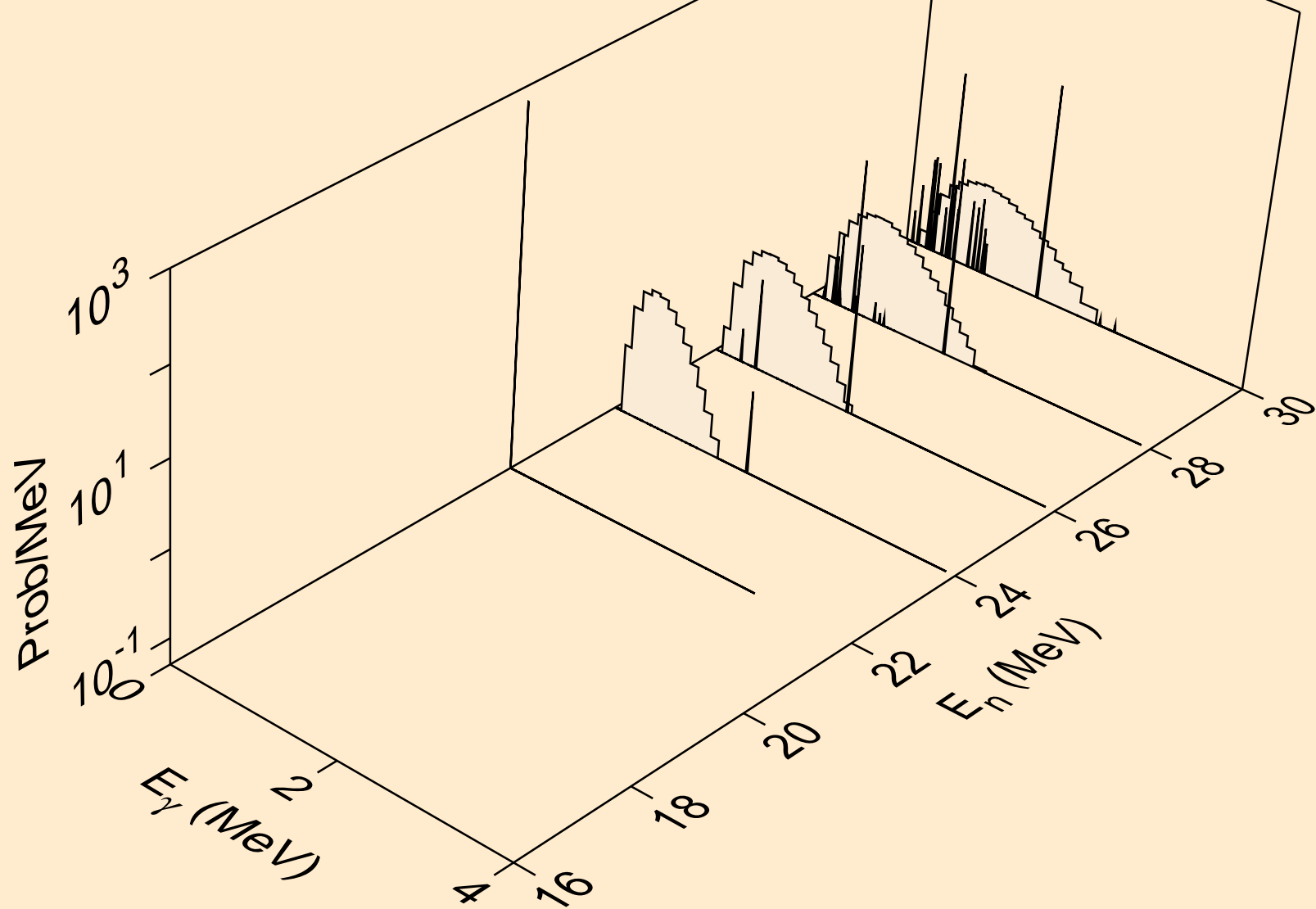
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Photon emission for (n,2p)



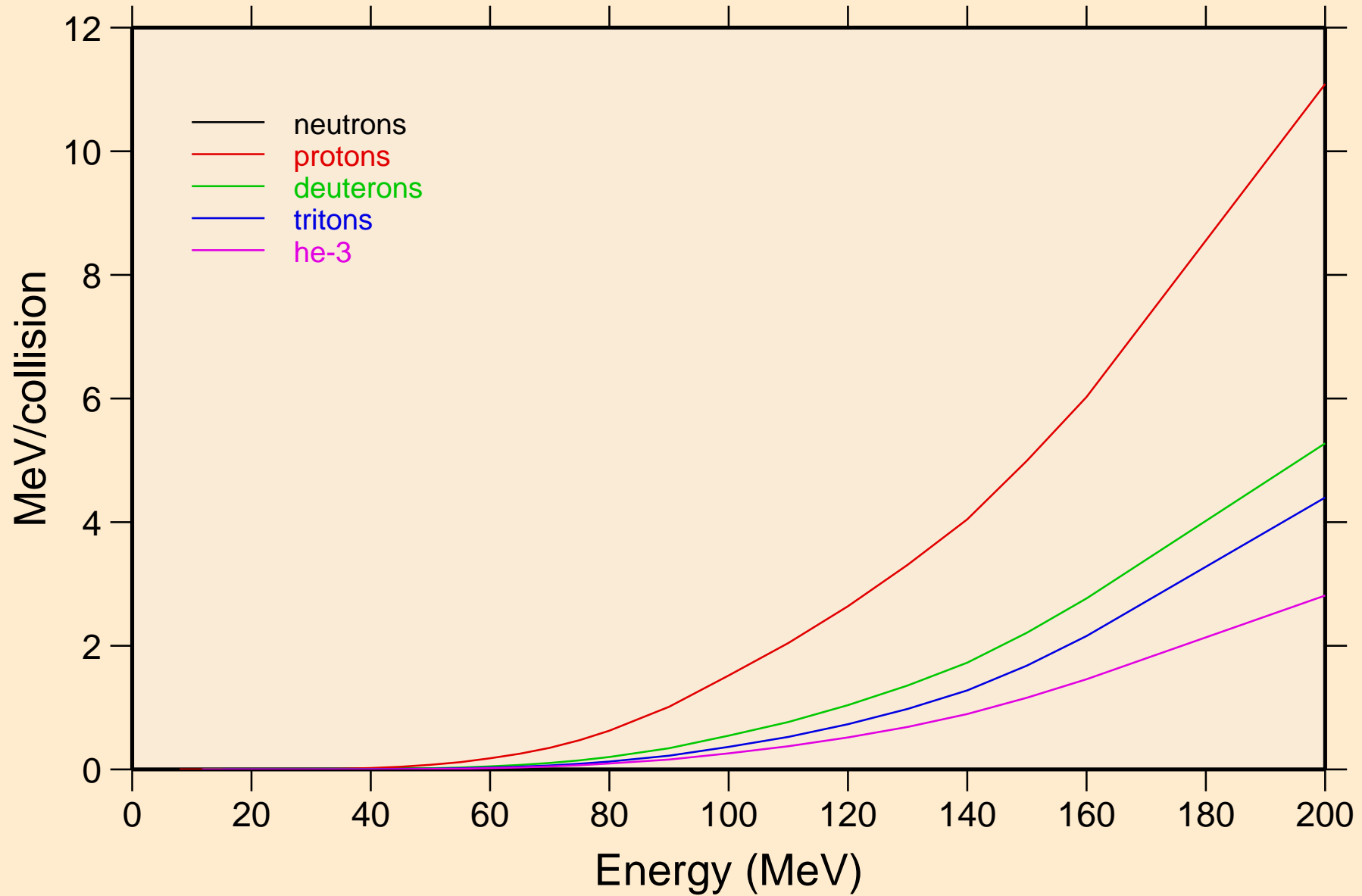
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



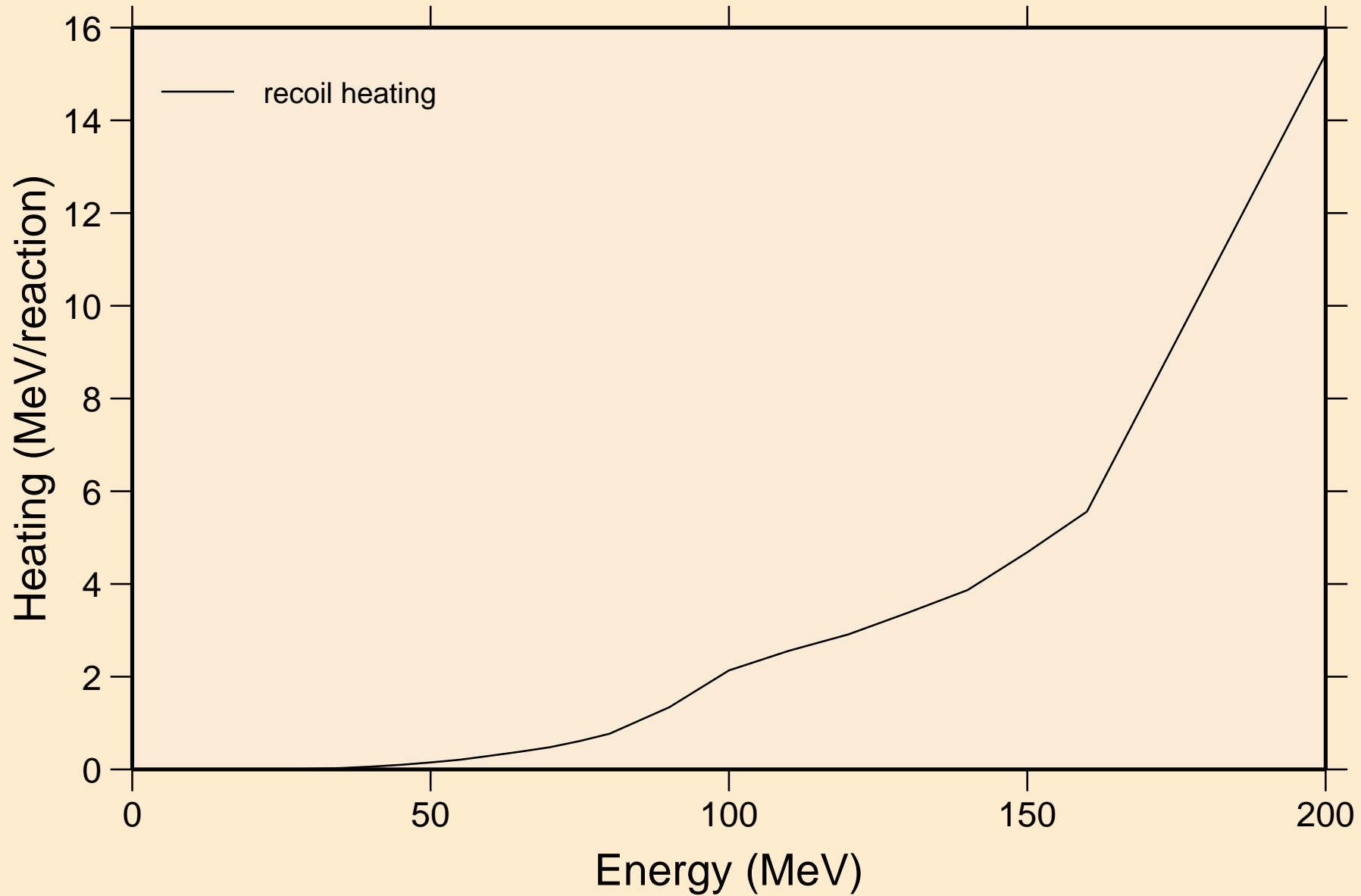
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



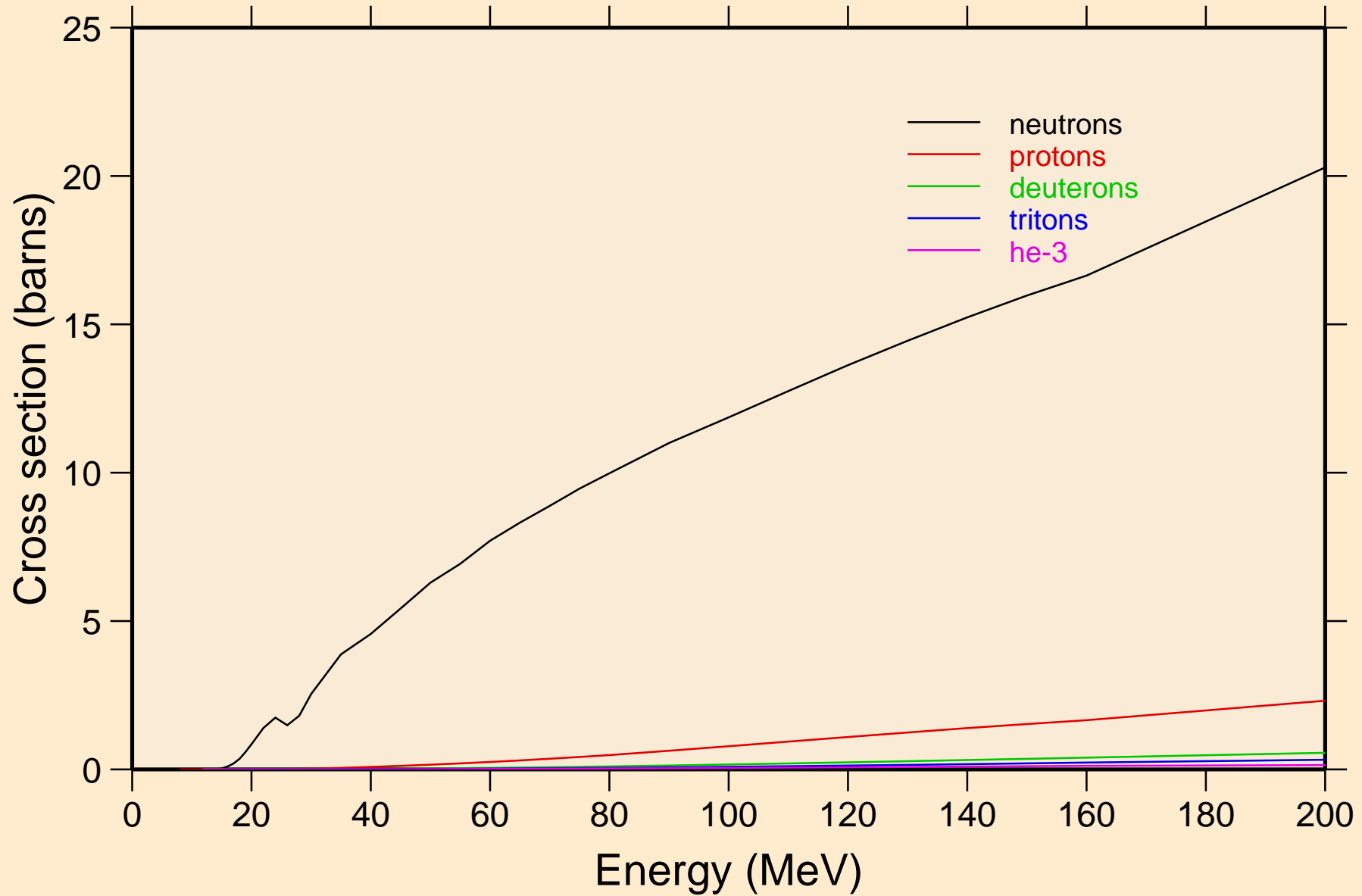
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



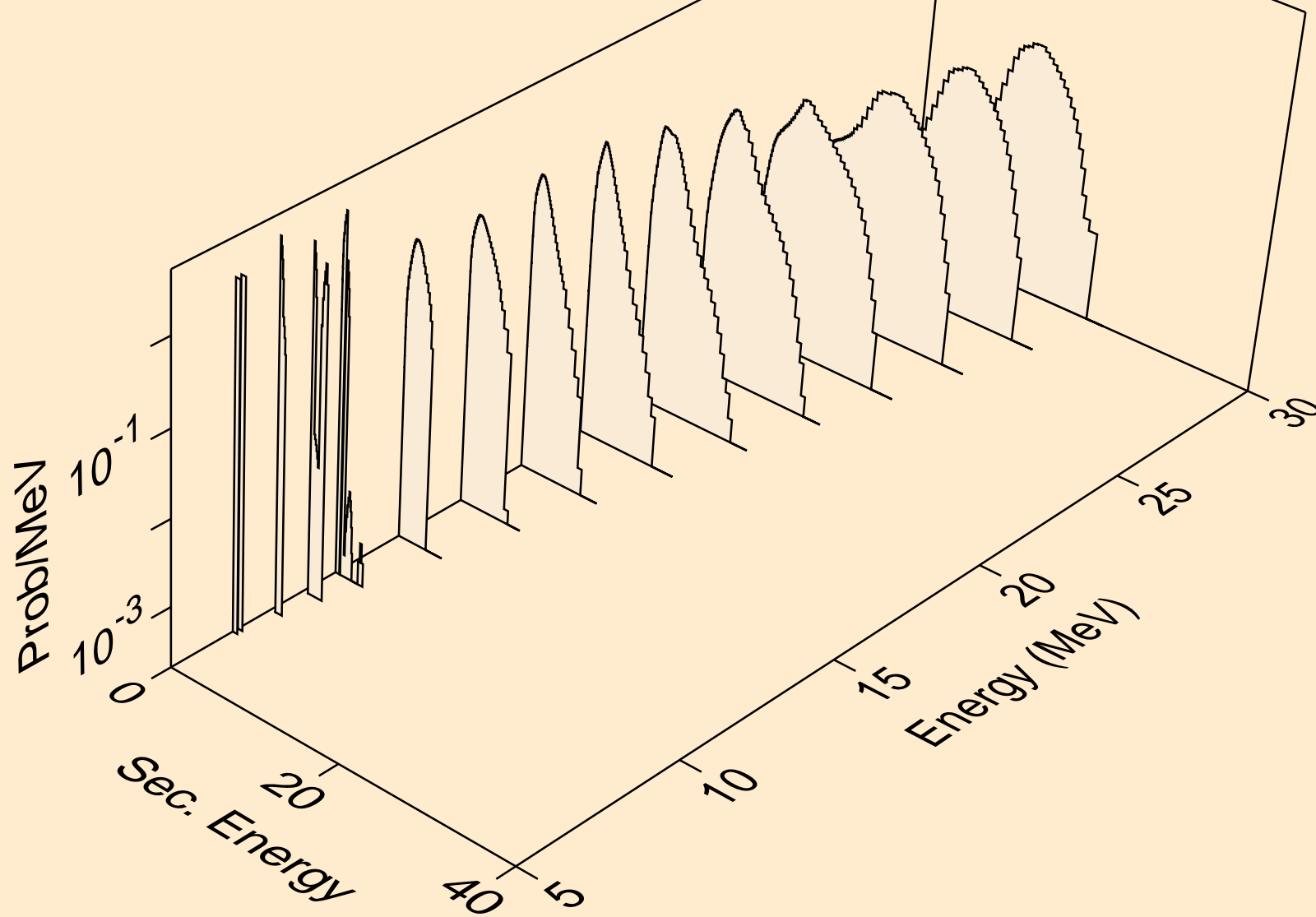
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



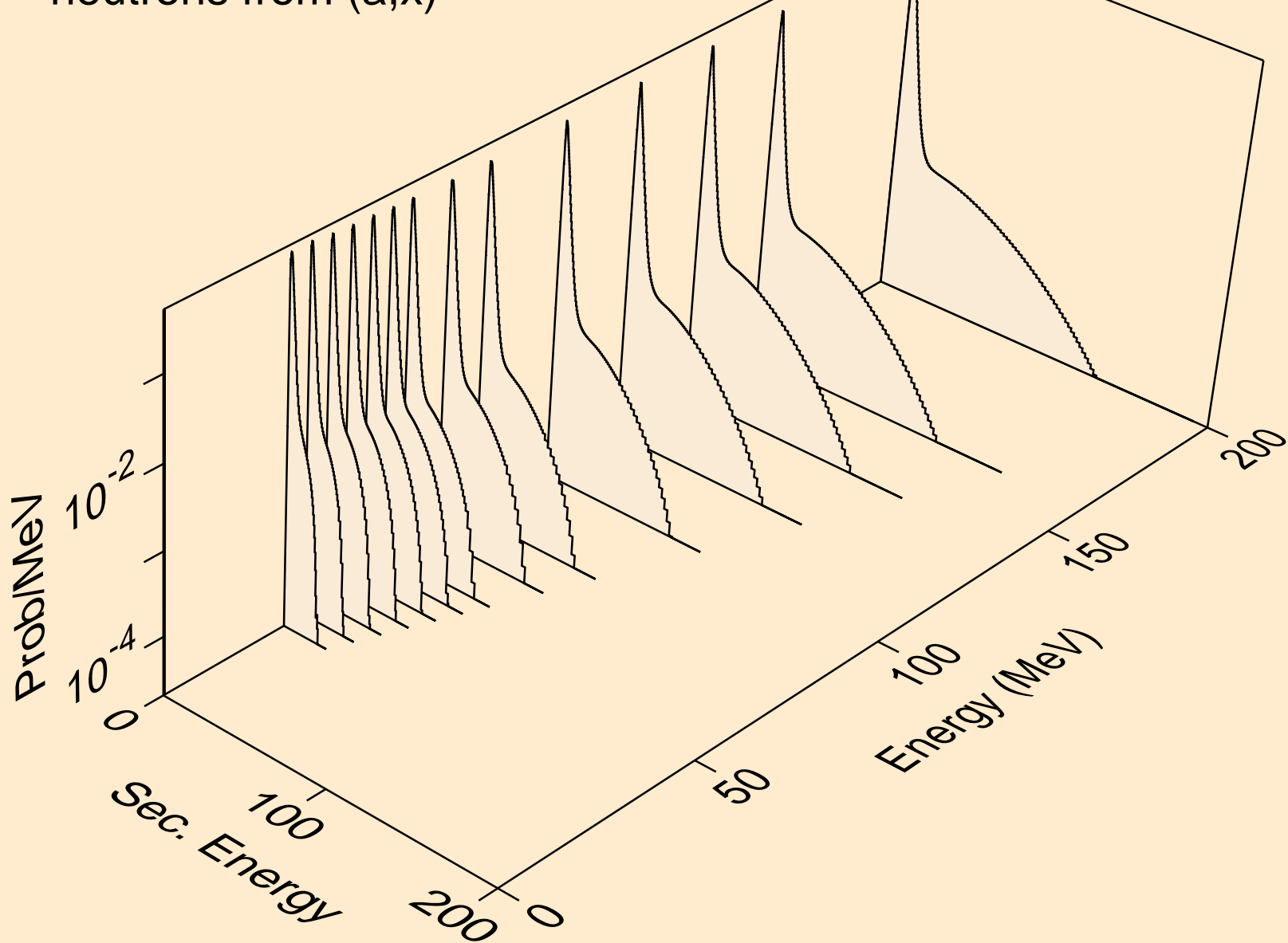
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

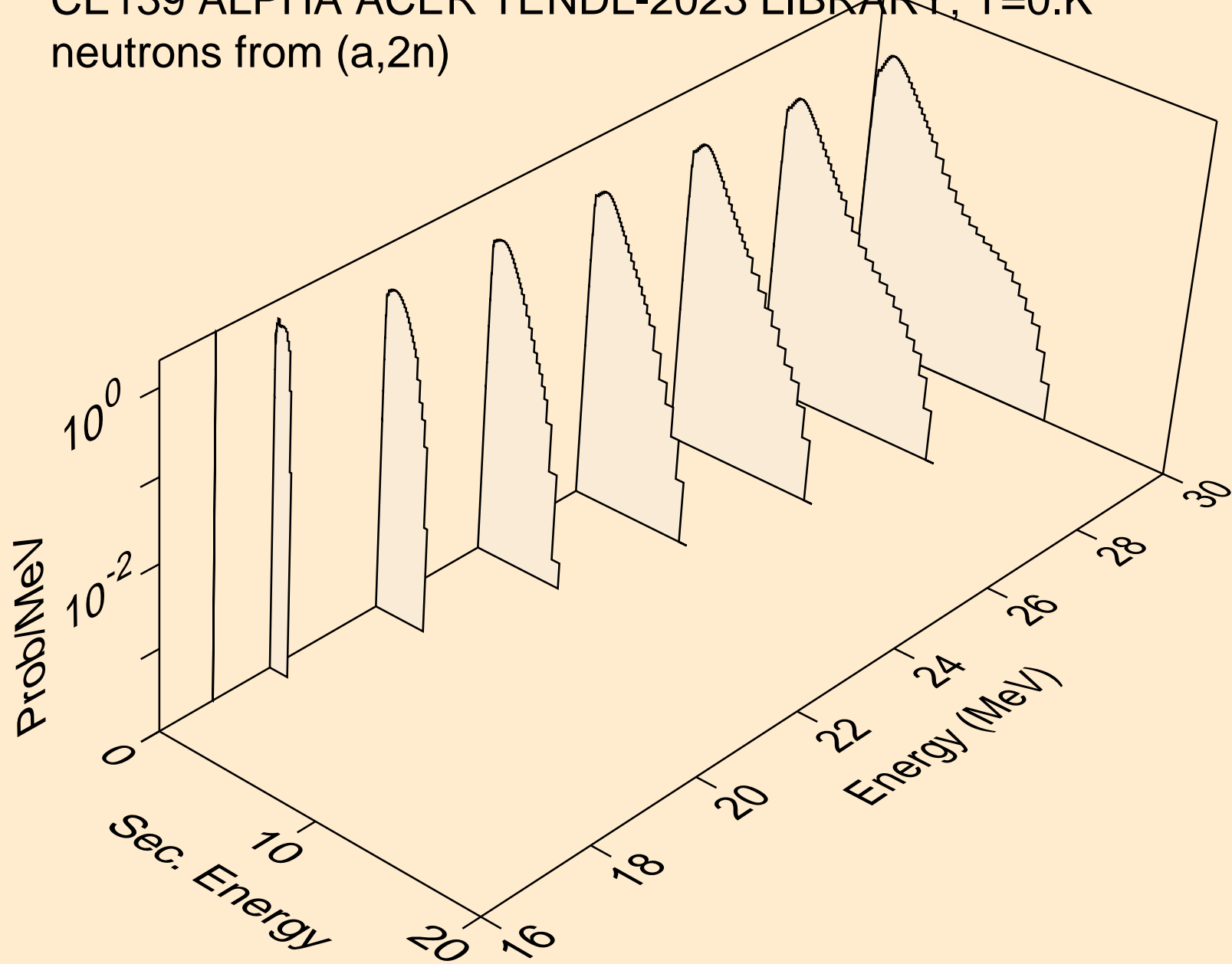


CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

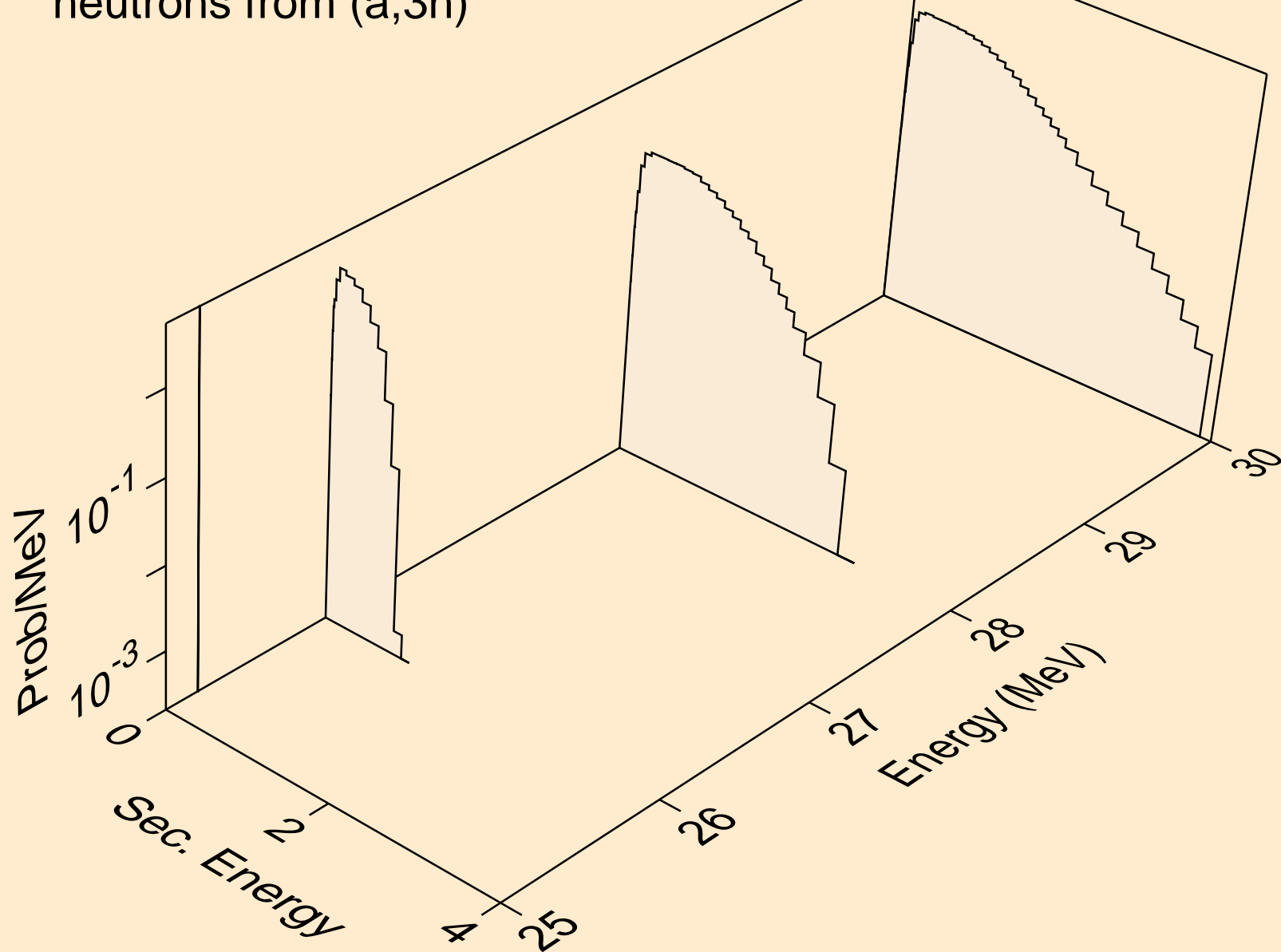




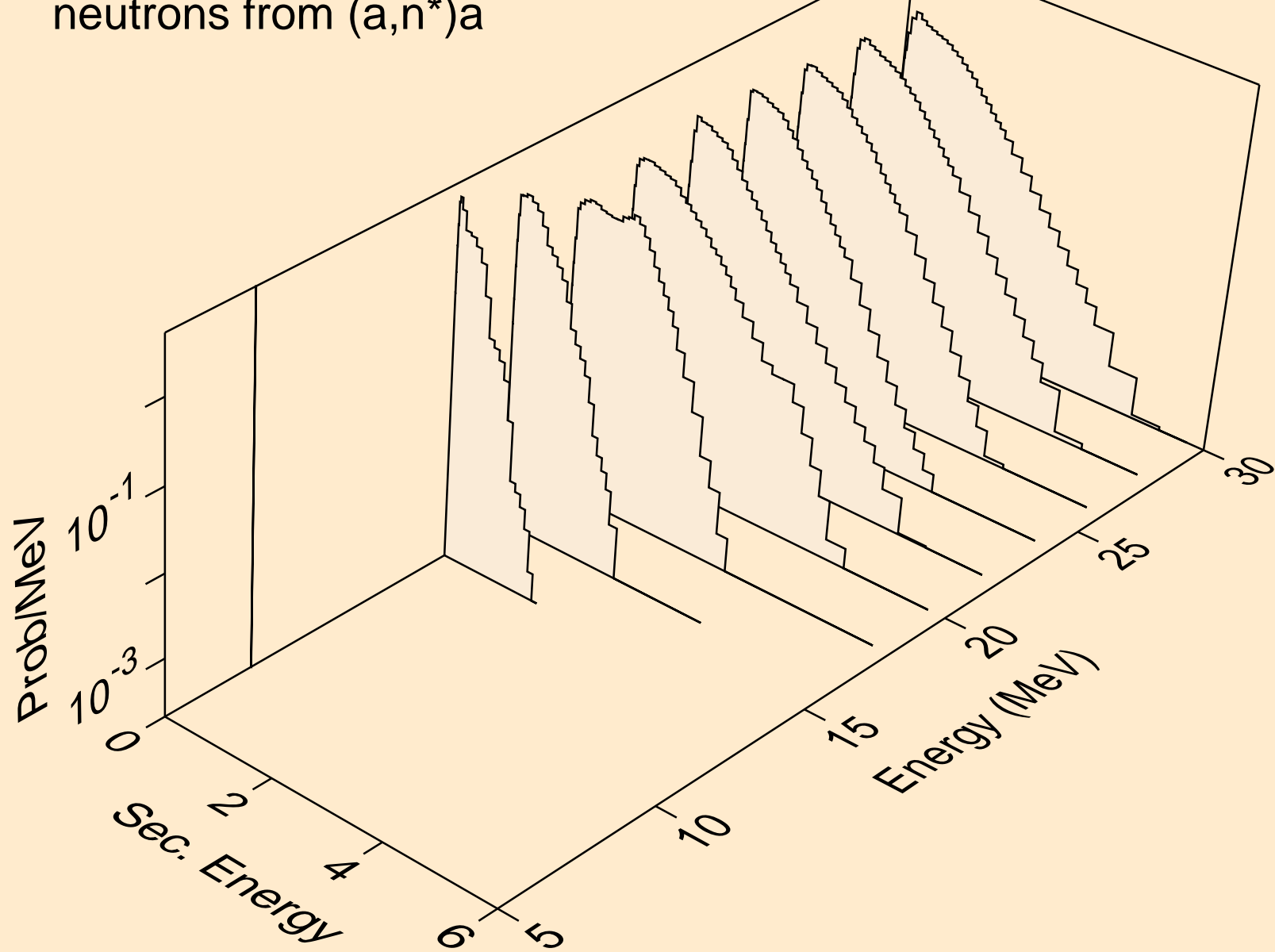
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



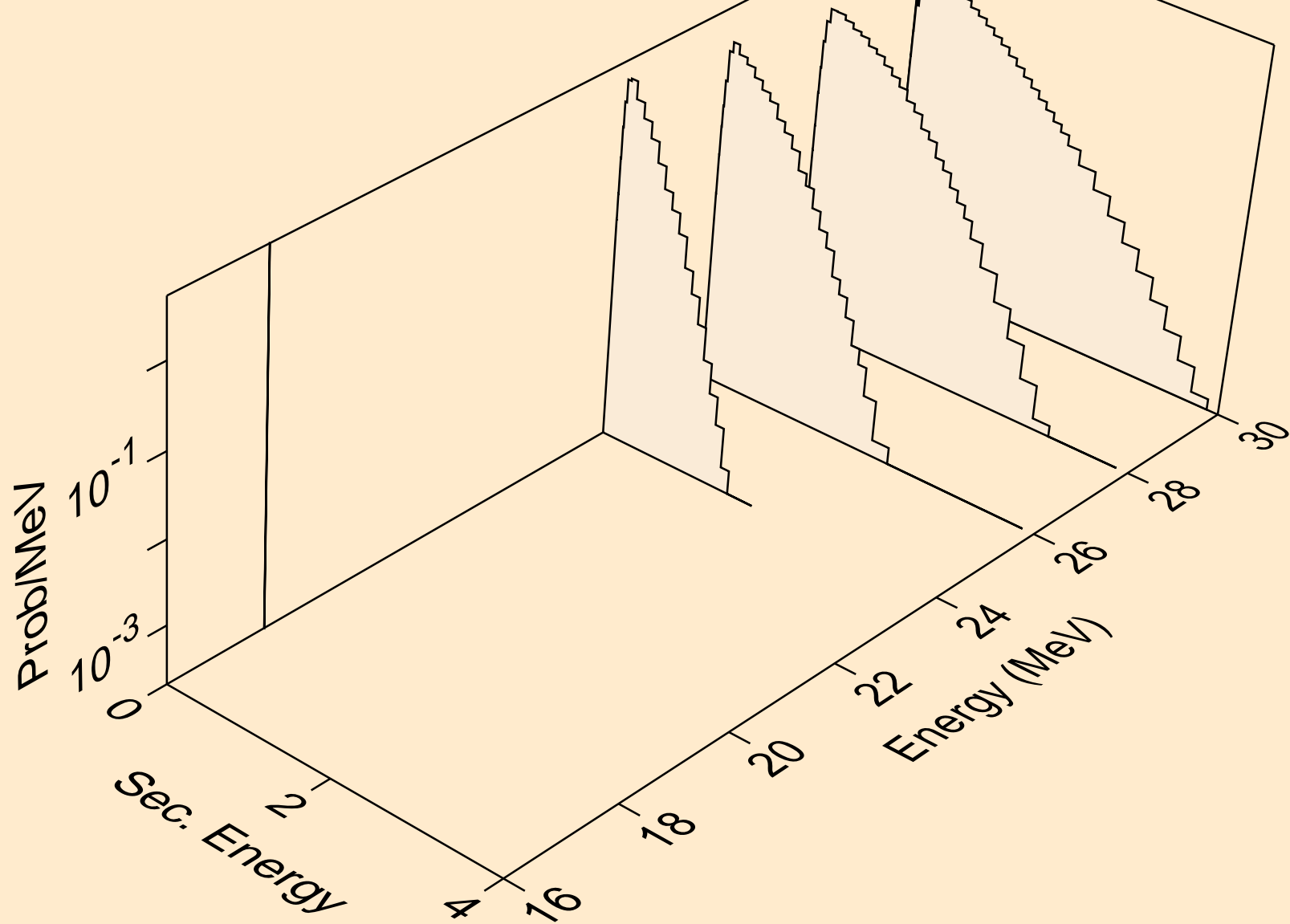
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



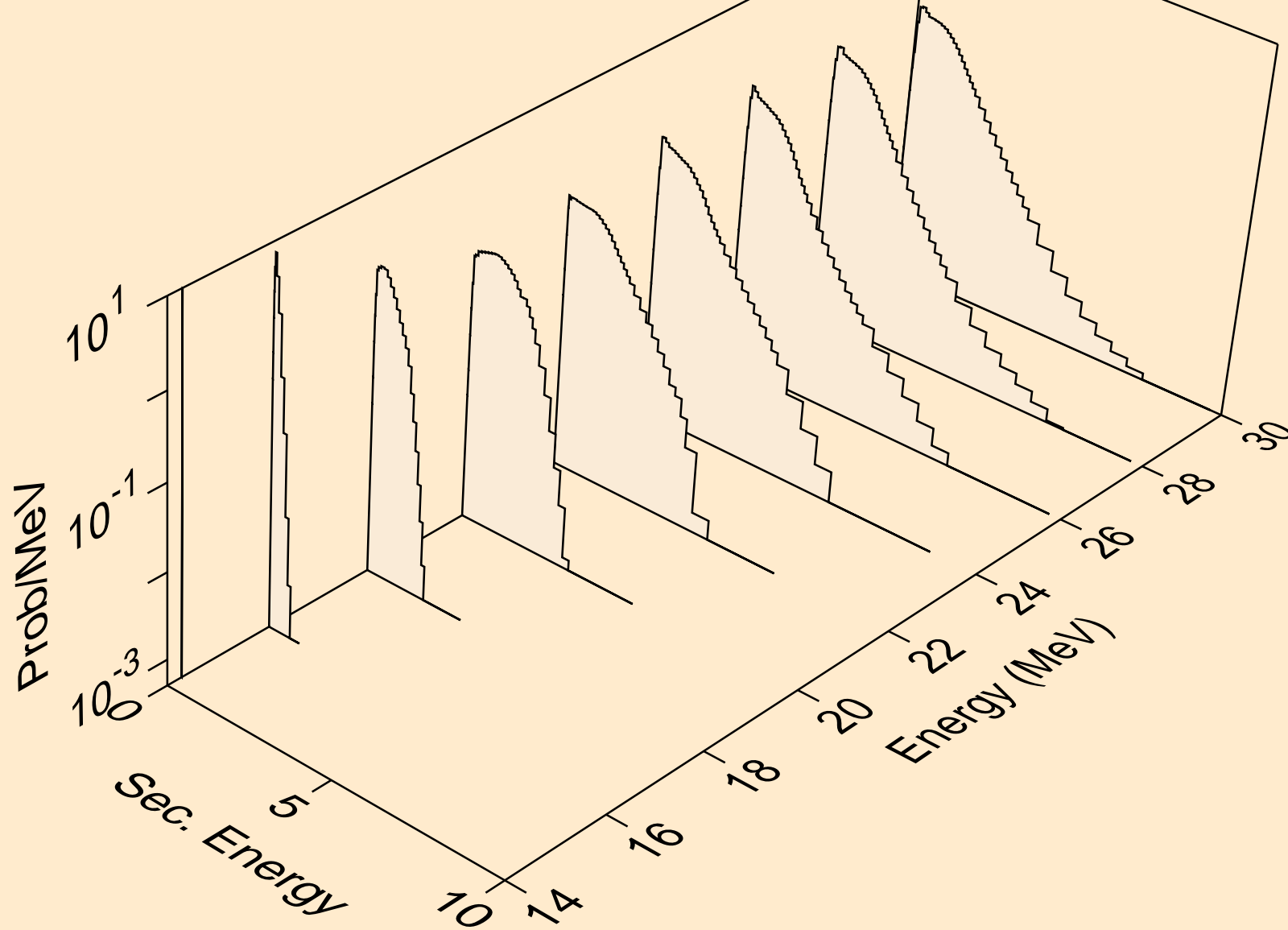
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



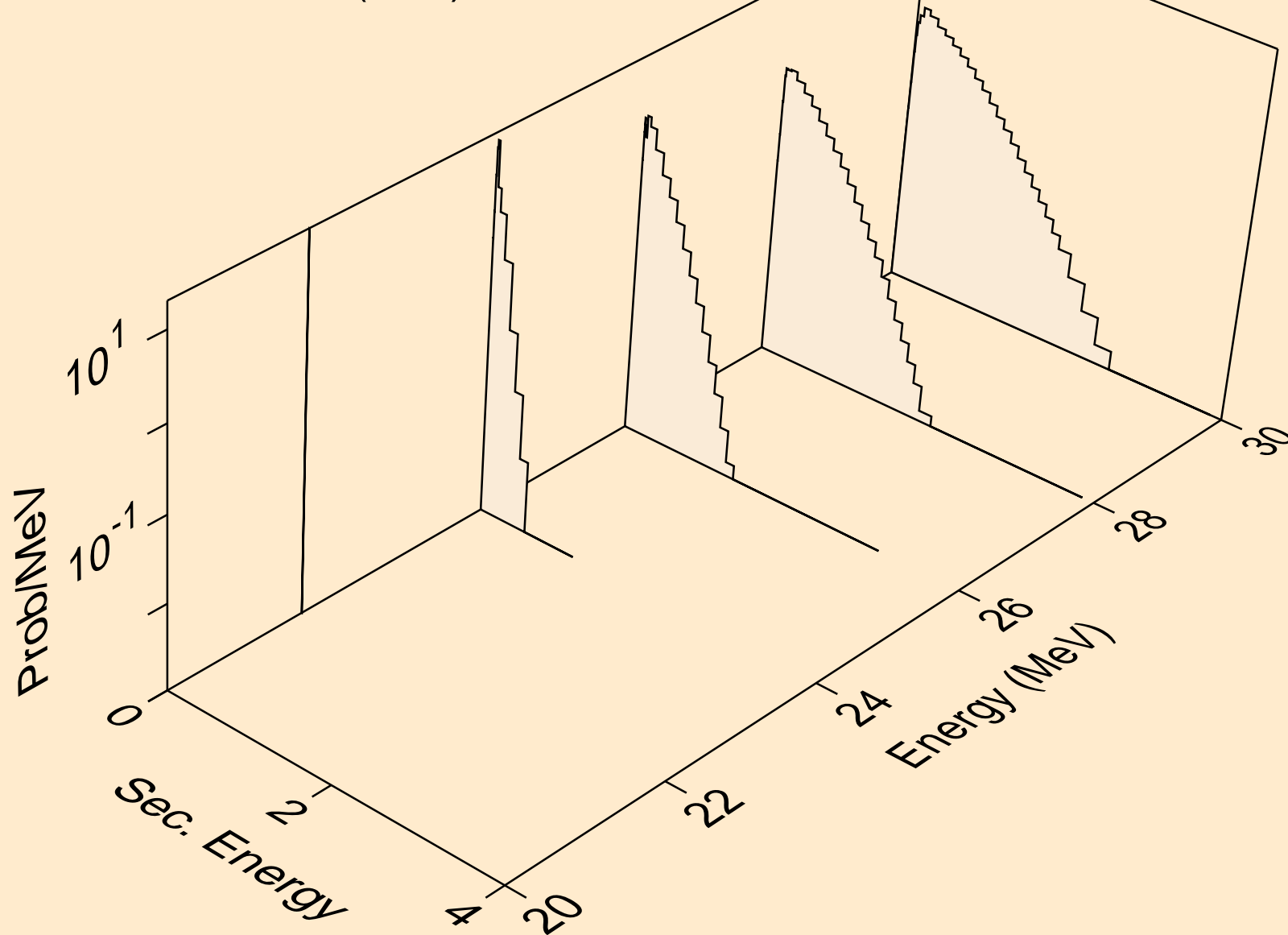
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neutrons from (a,2n)a



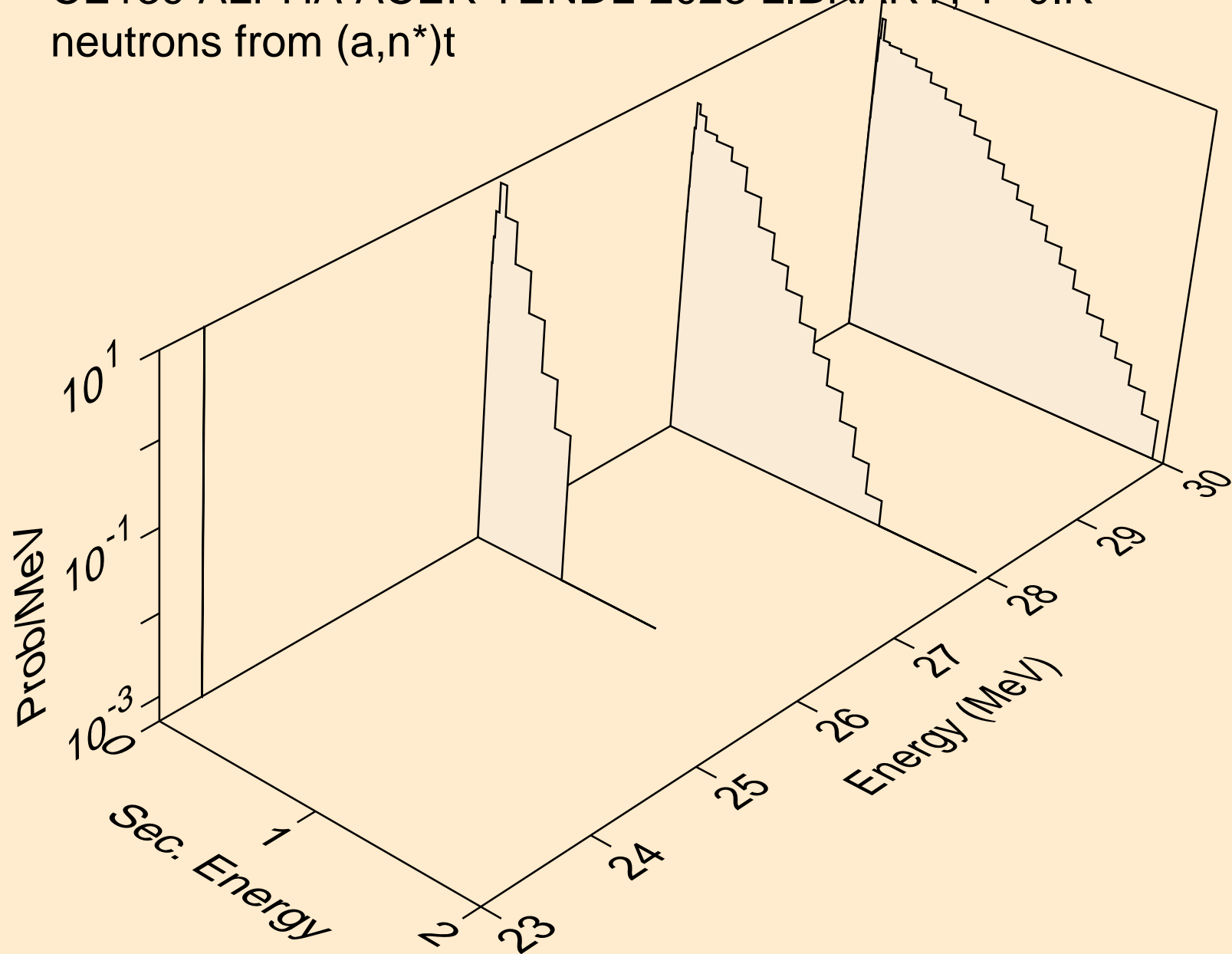
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neutrons from (a,n\*)p



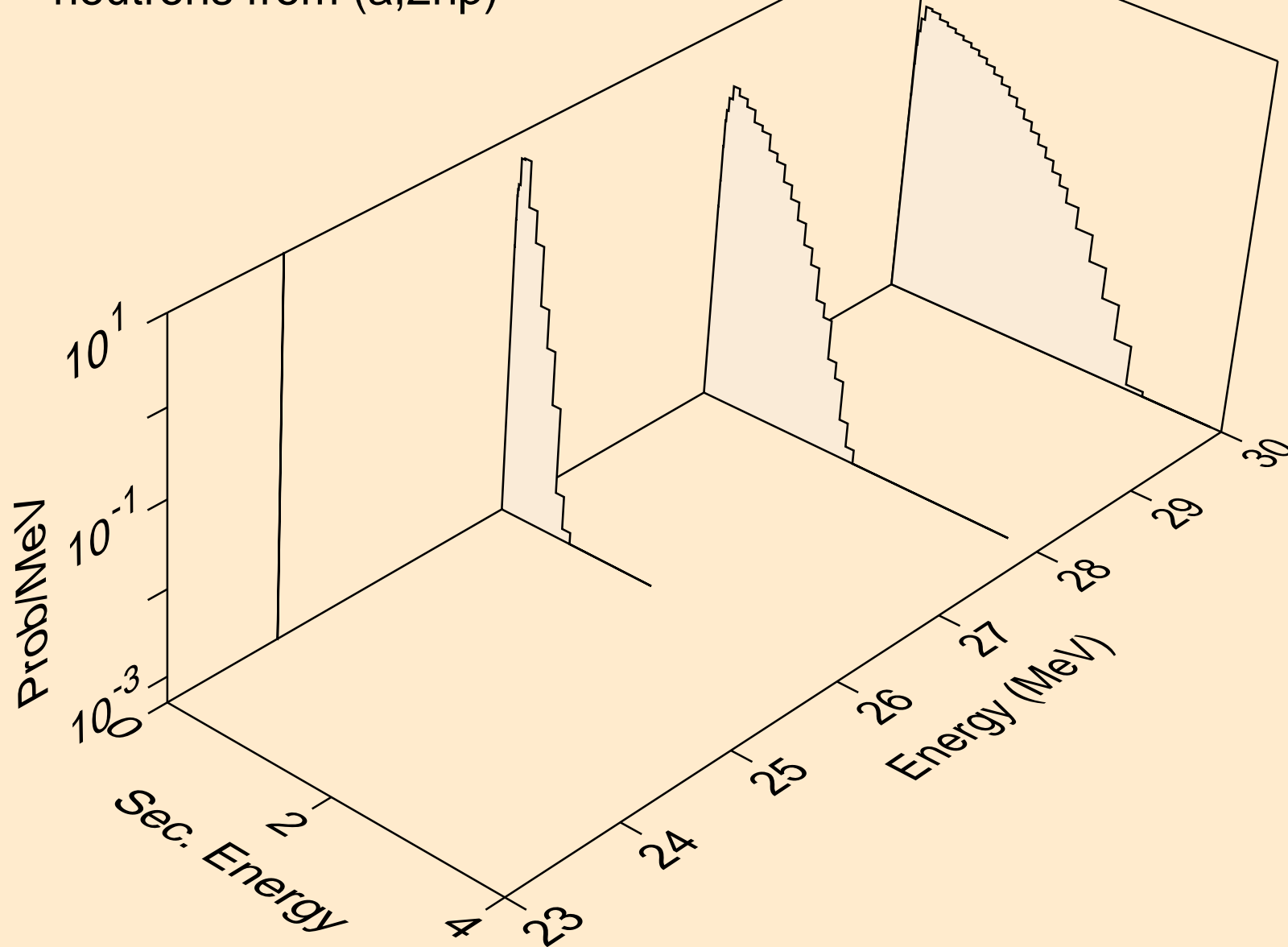
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t

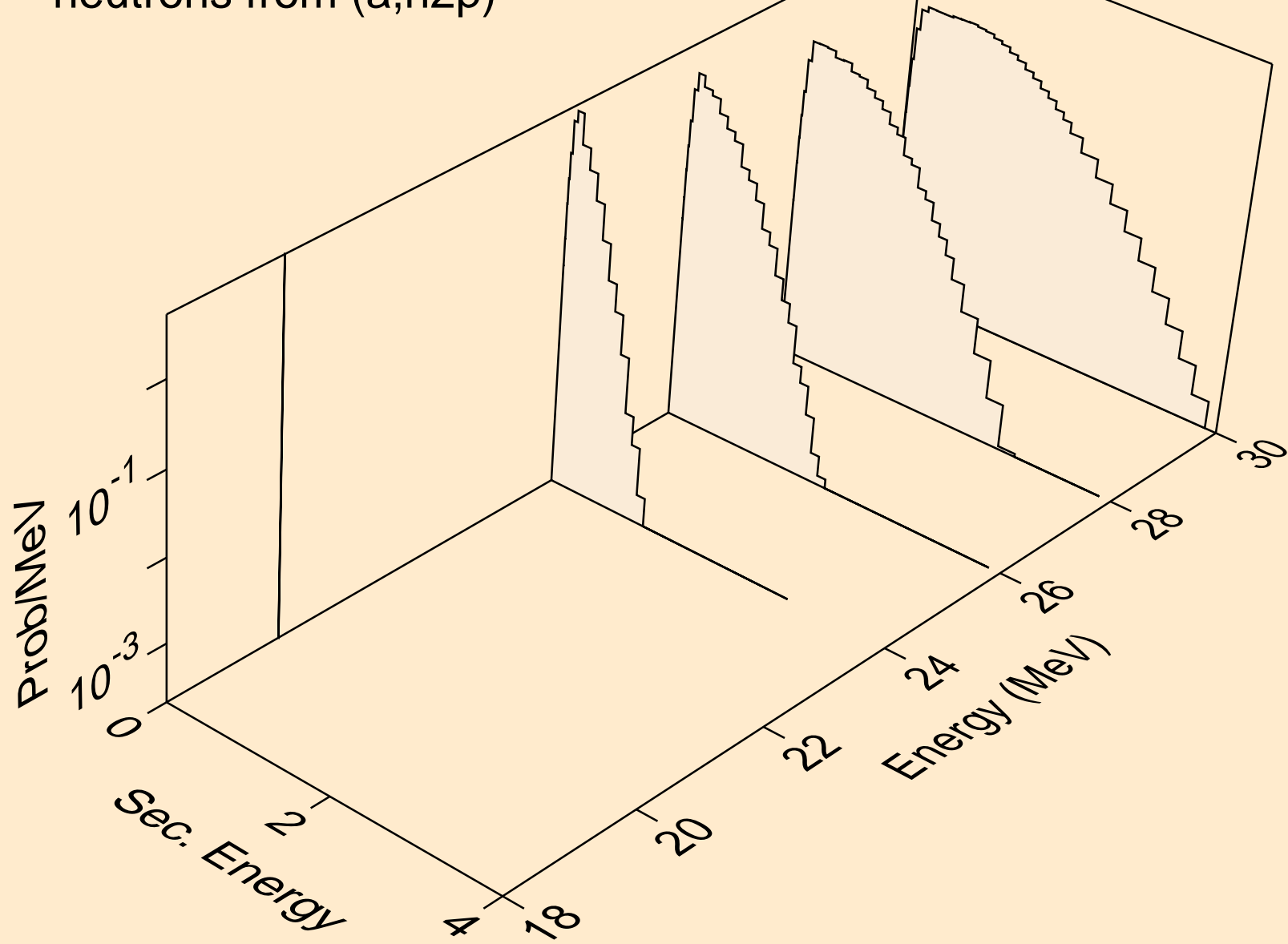


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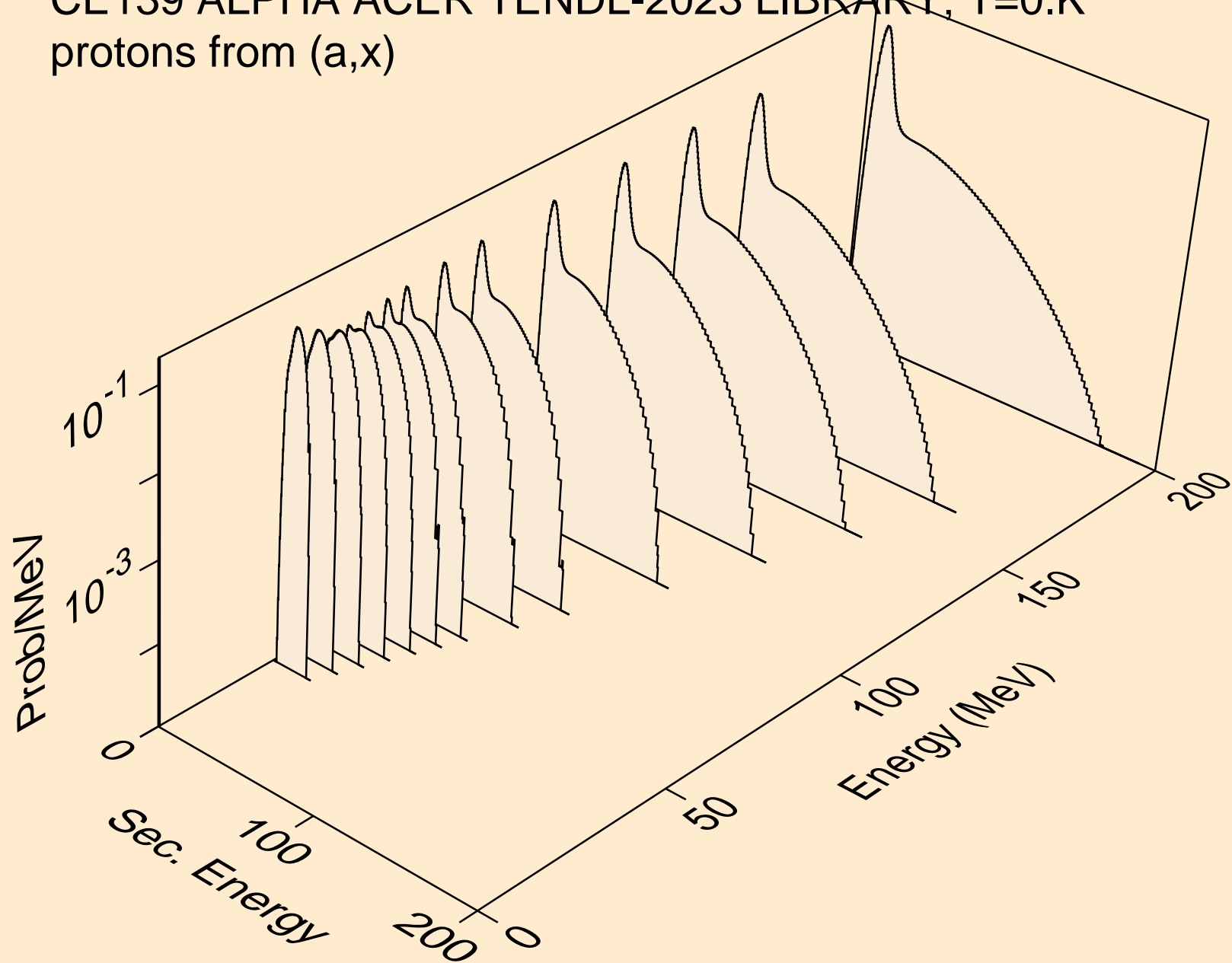




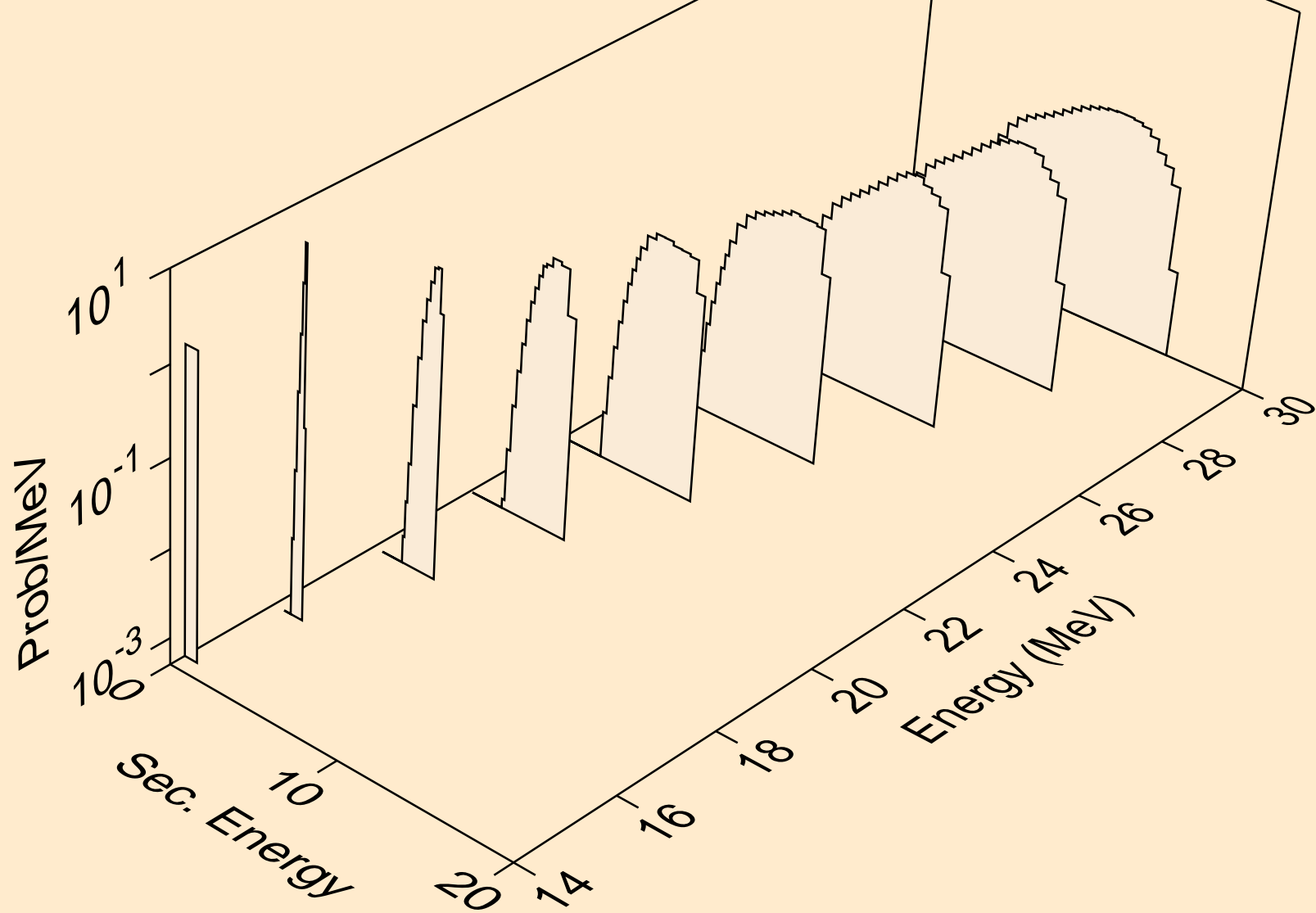
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neutrons from (a,n2p)



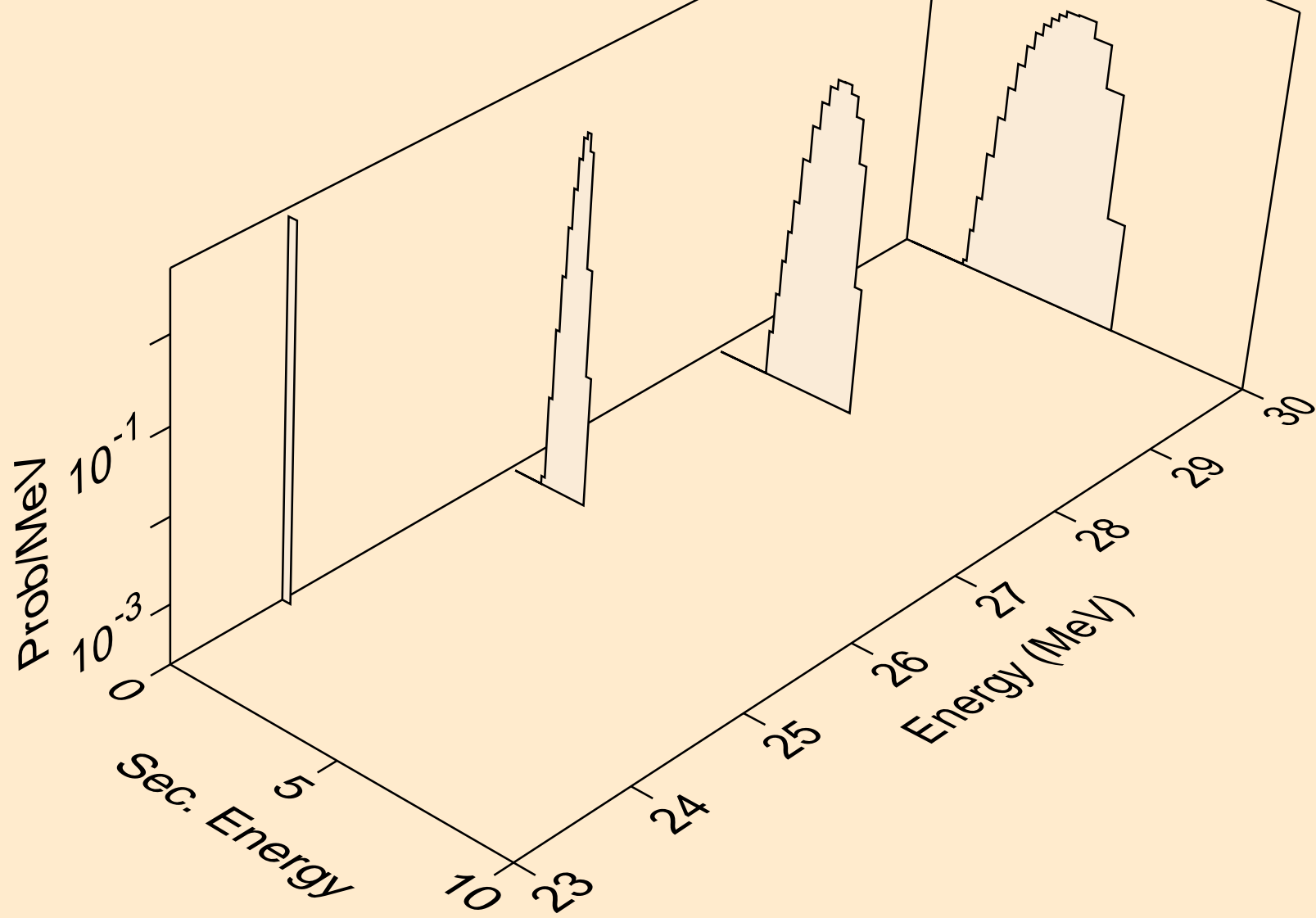
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



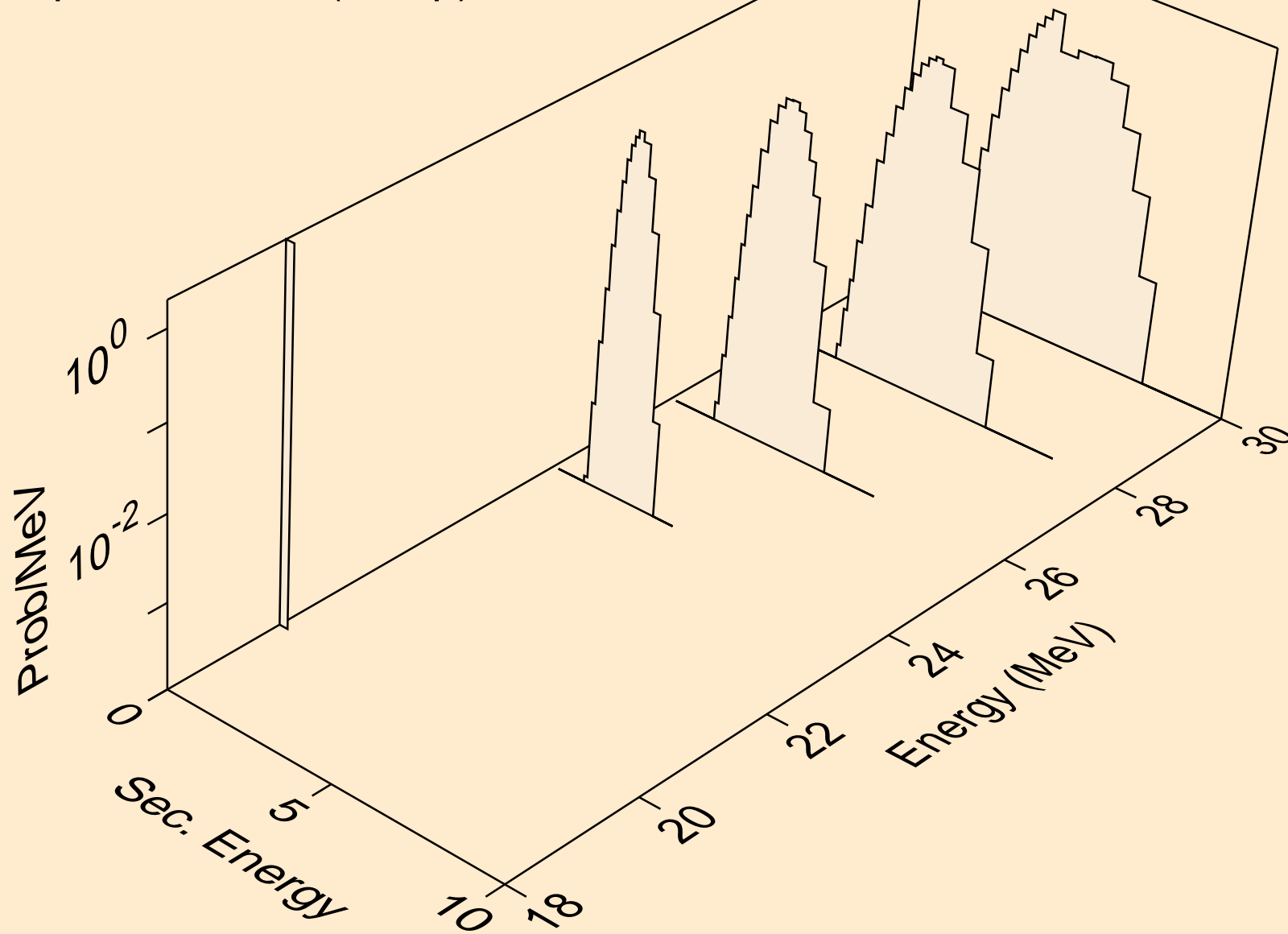
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



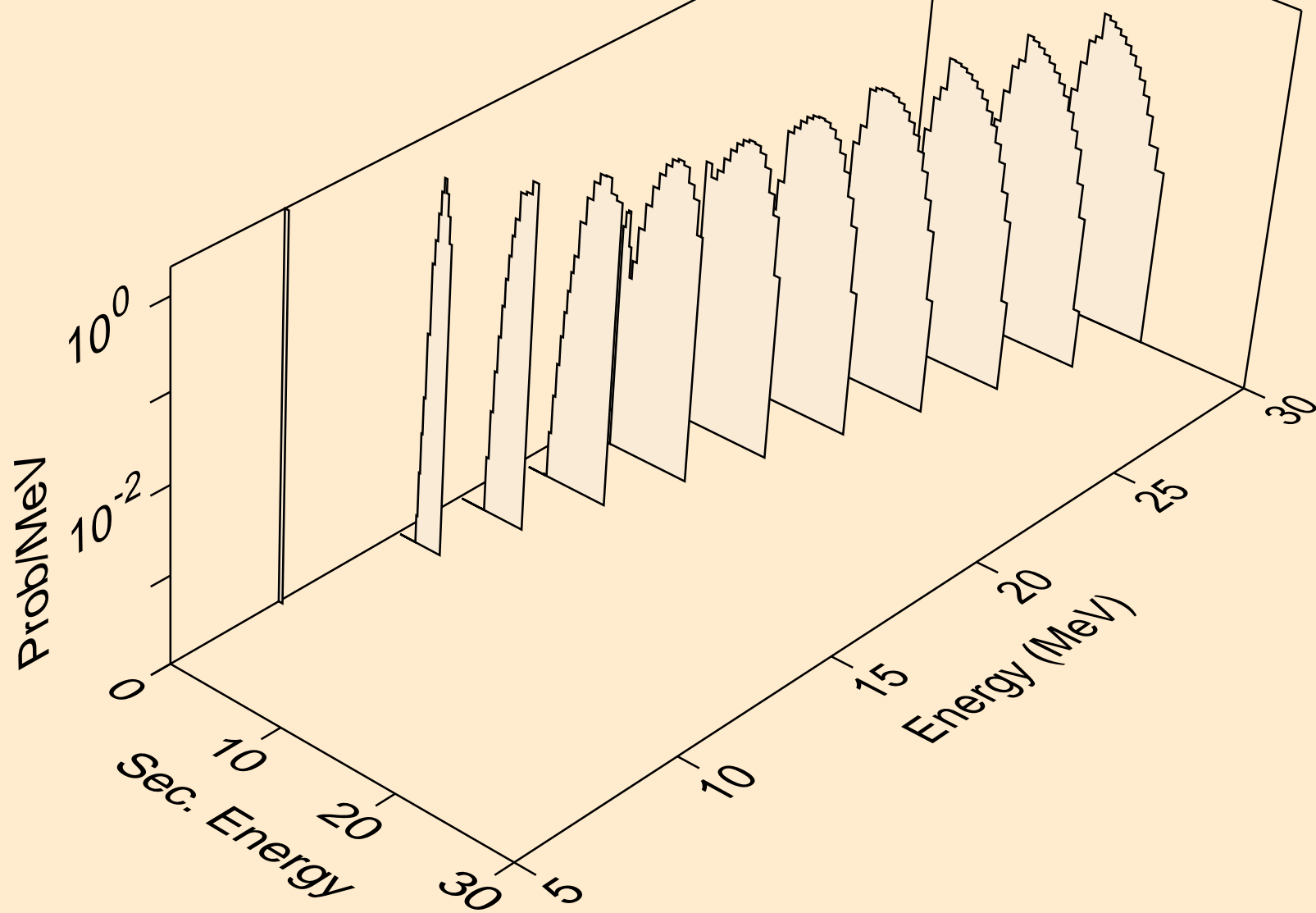
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protons from (a,2np)



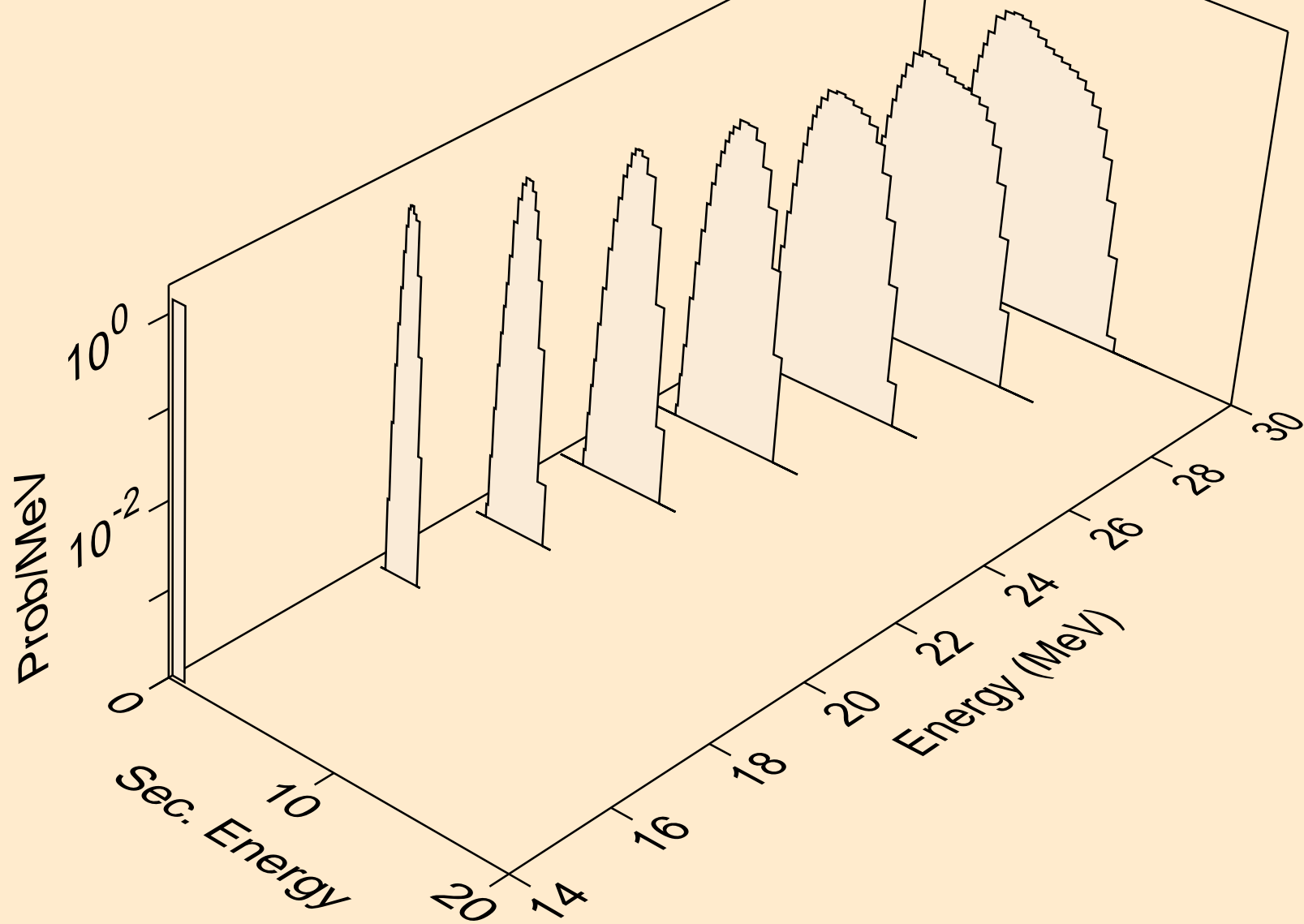
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



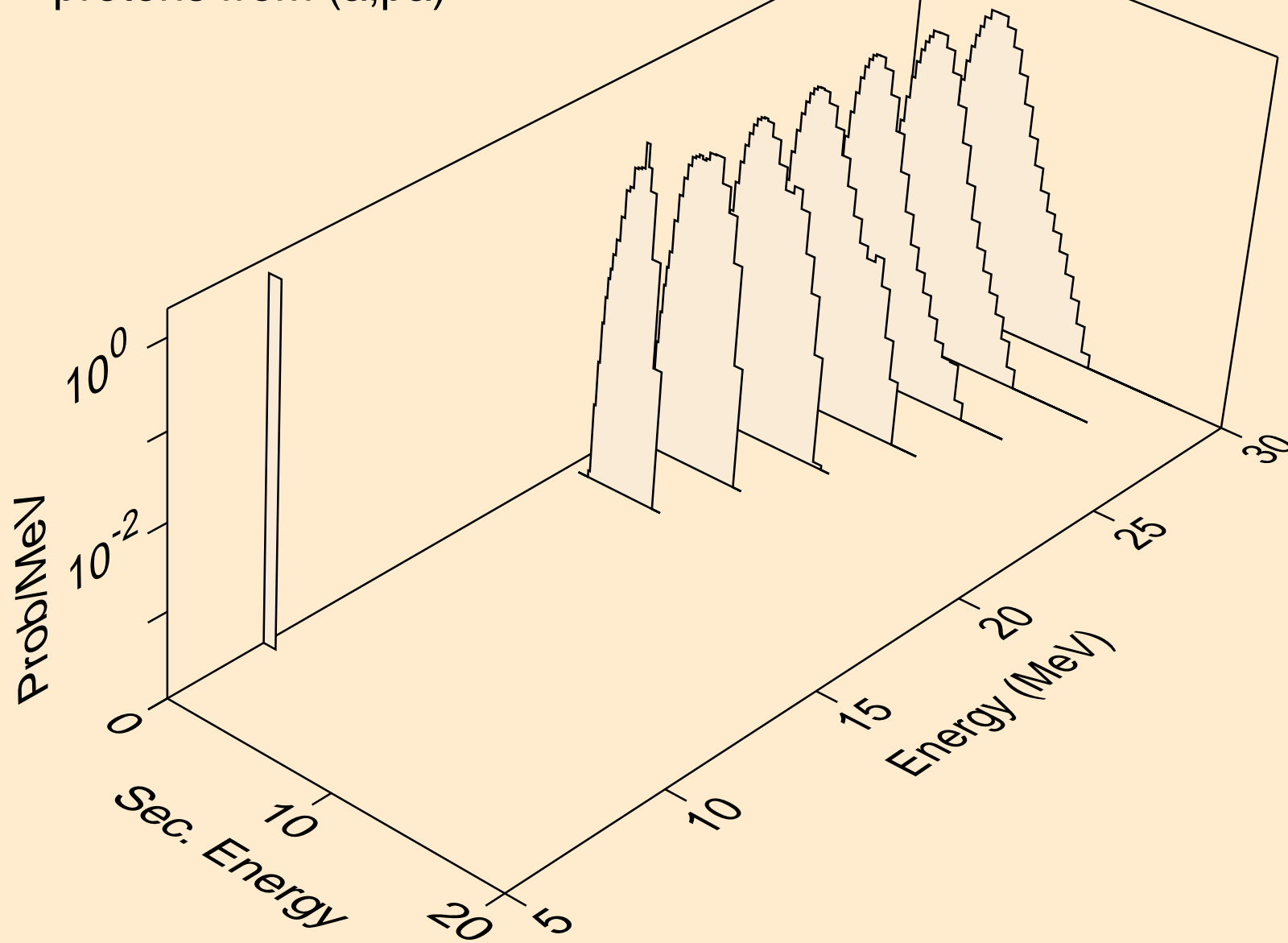
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)

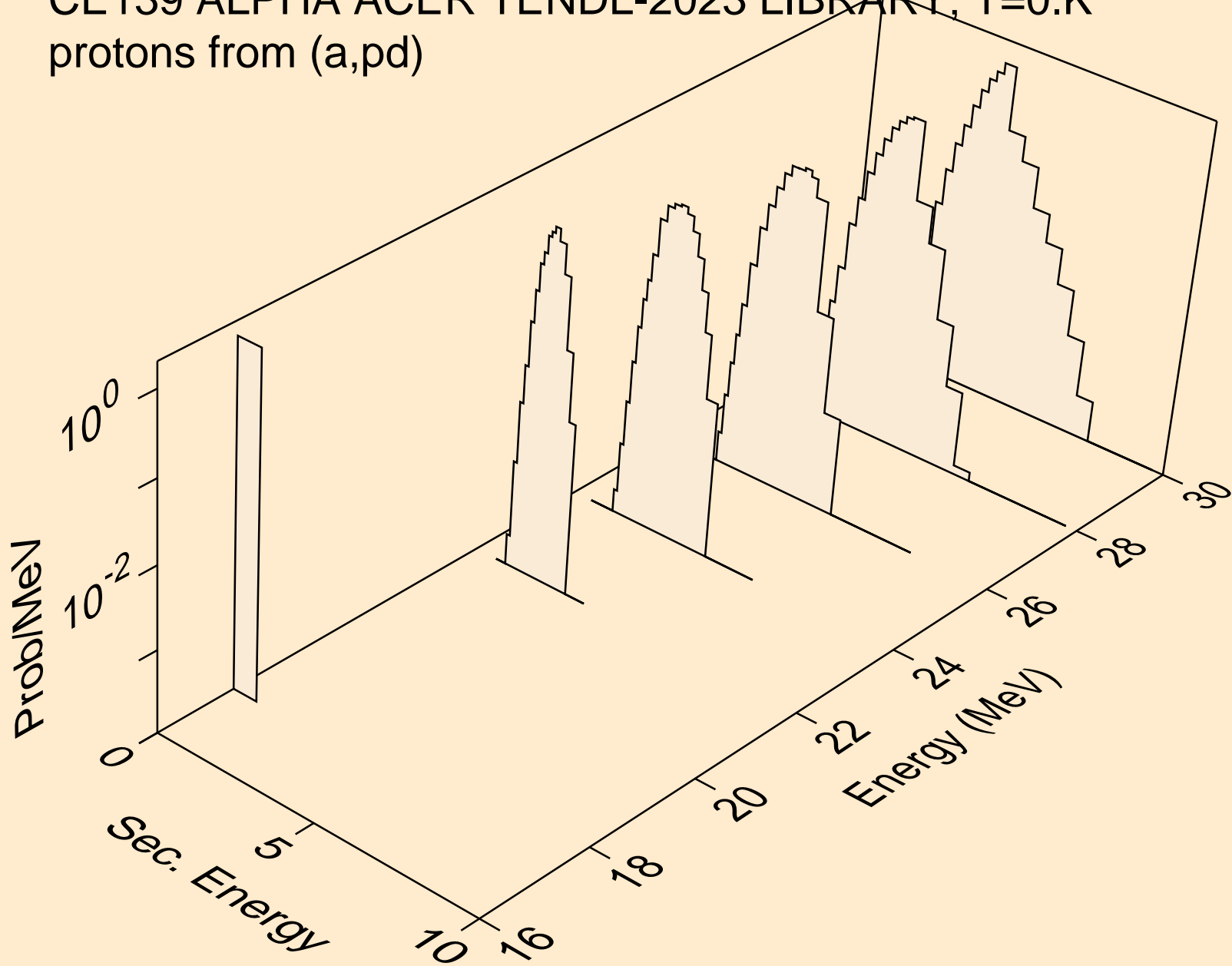


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protons from (a,pa)

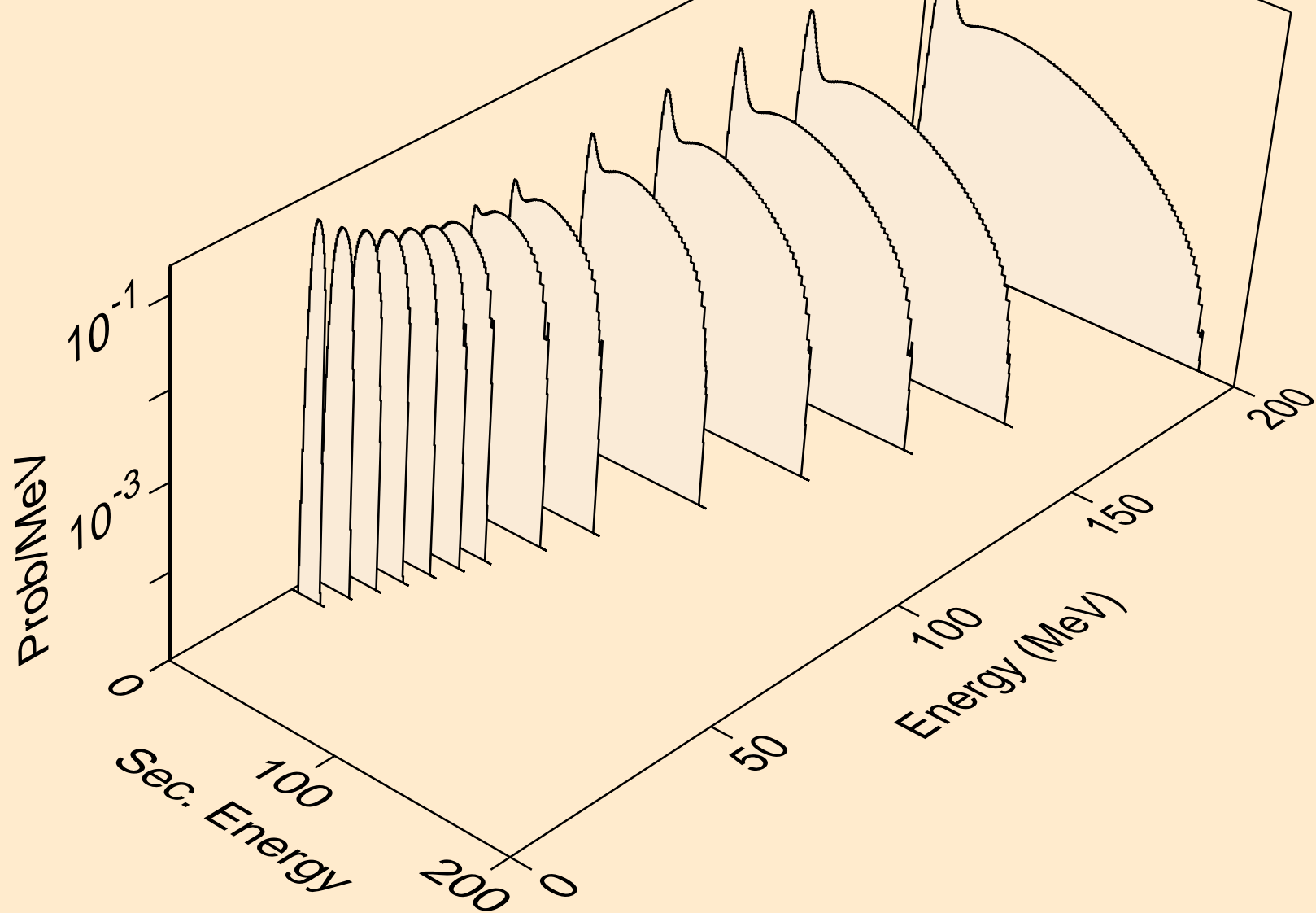




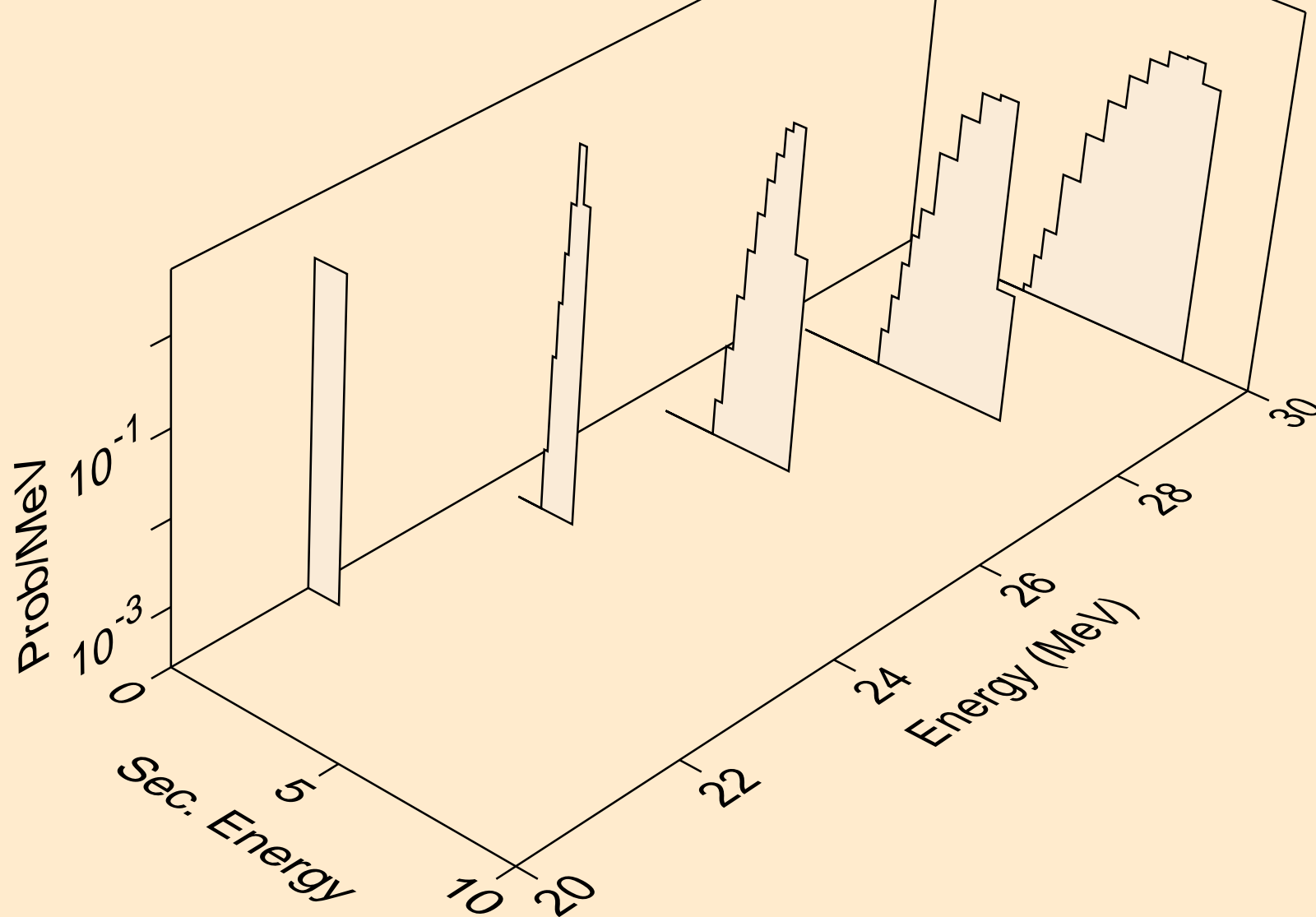
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



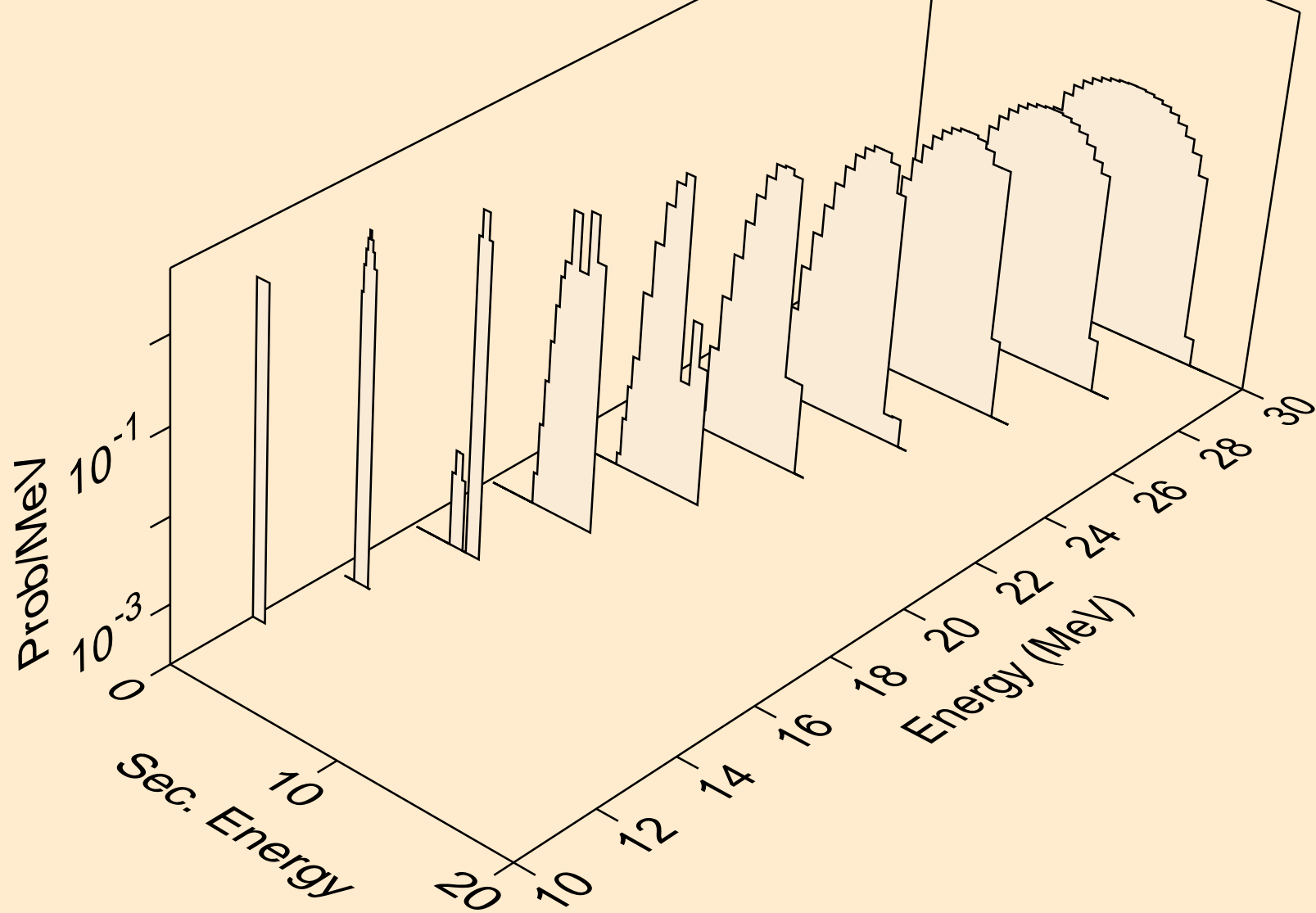
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



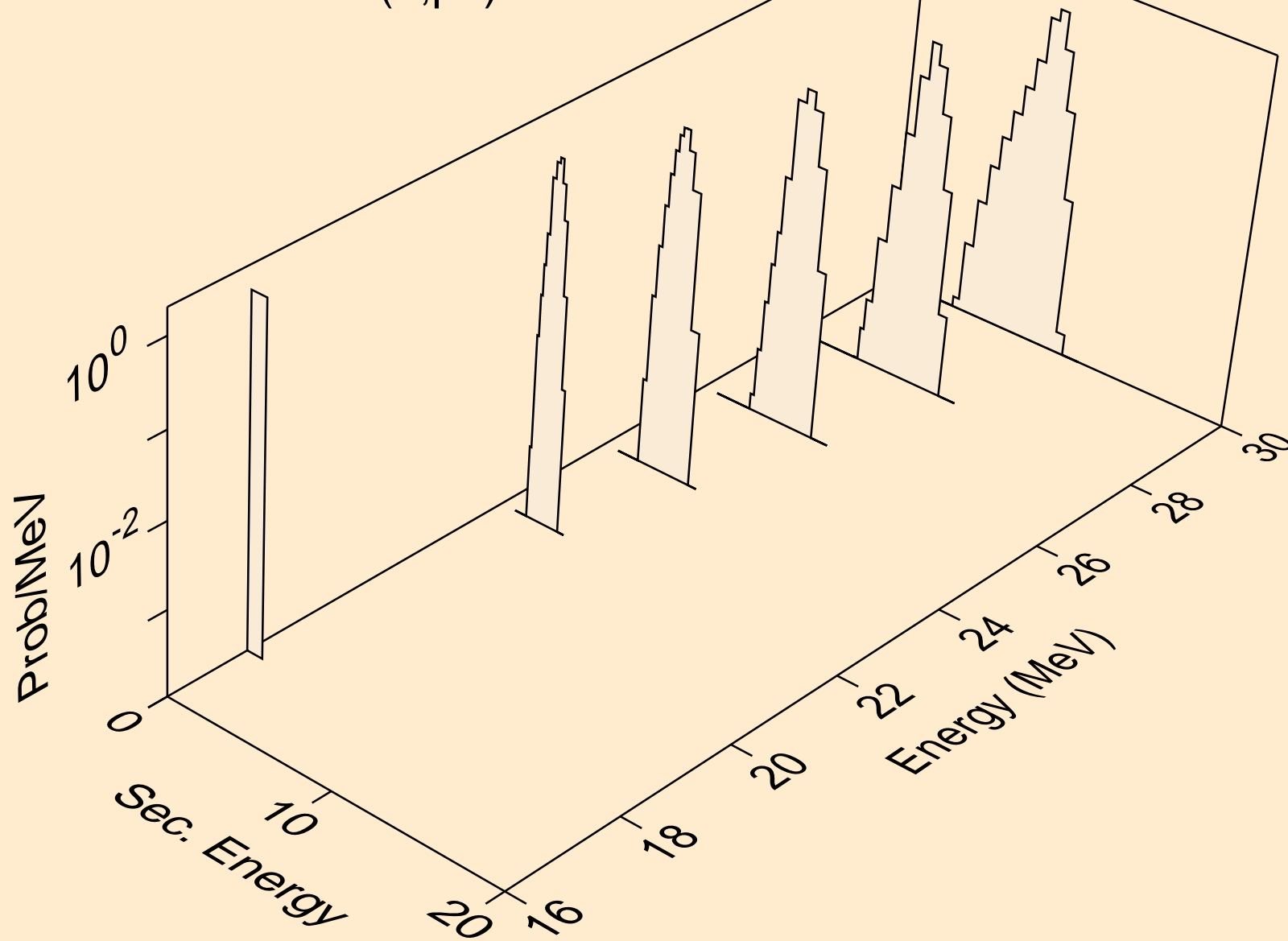
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



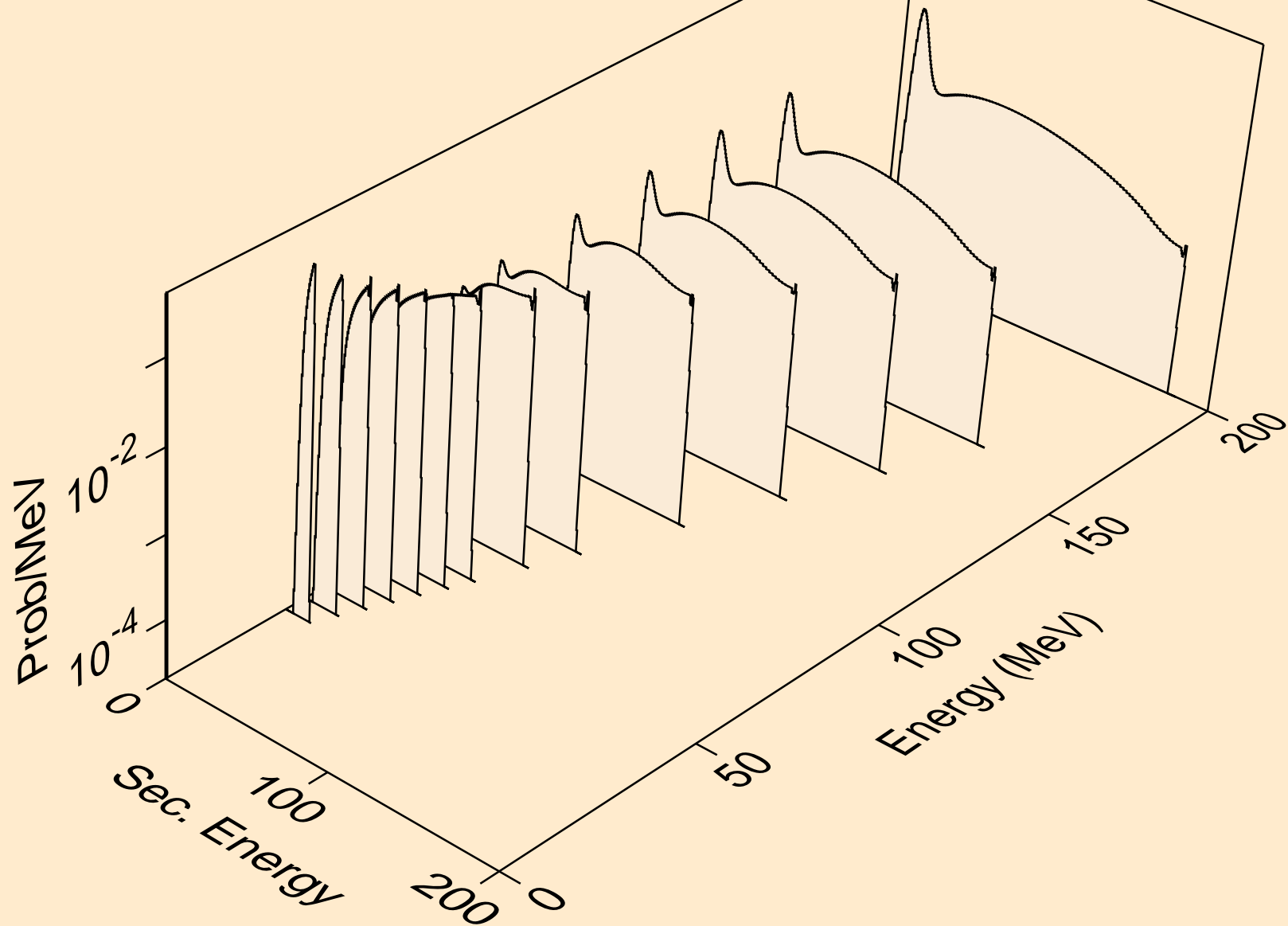
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



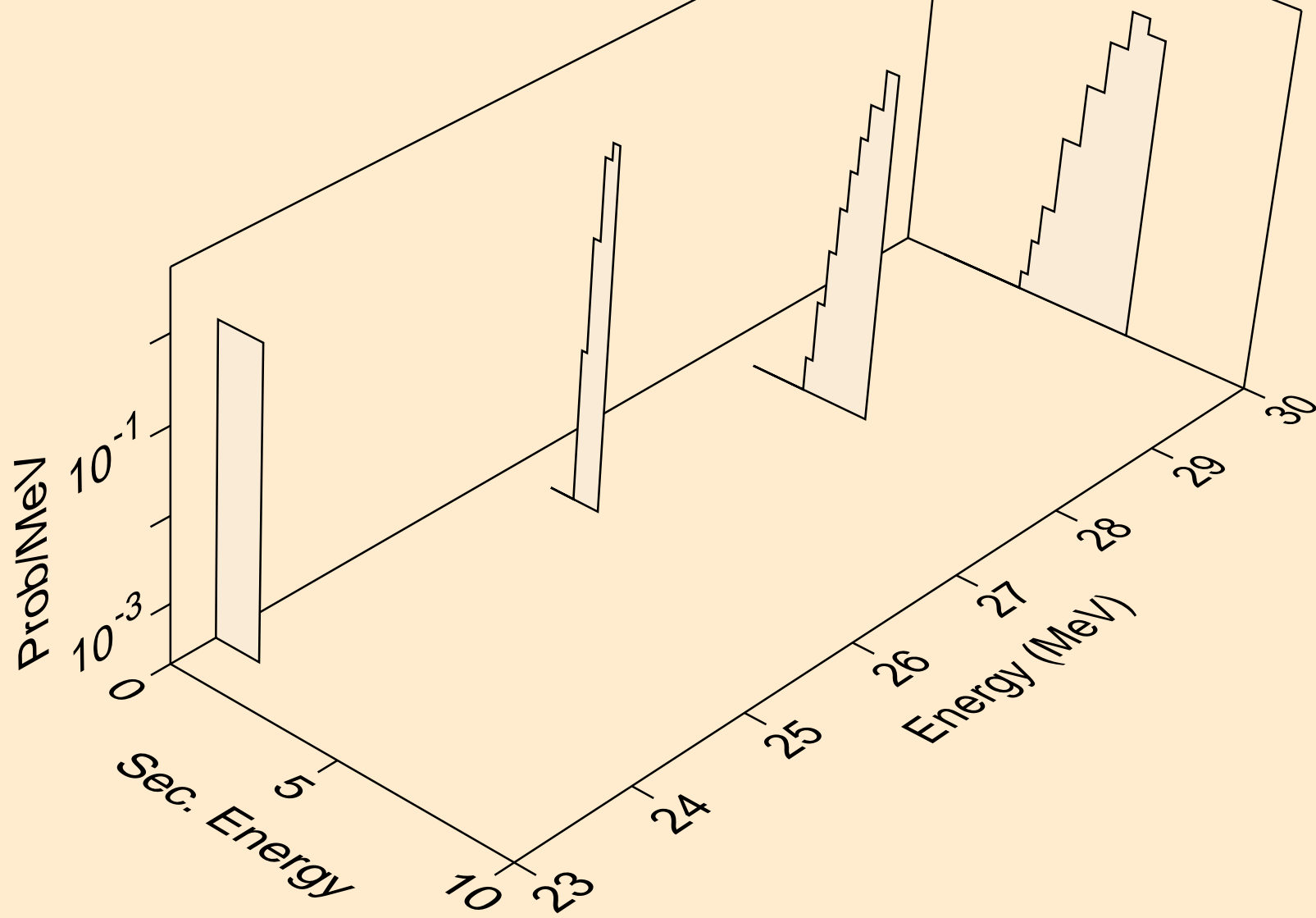
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



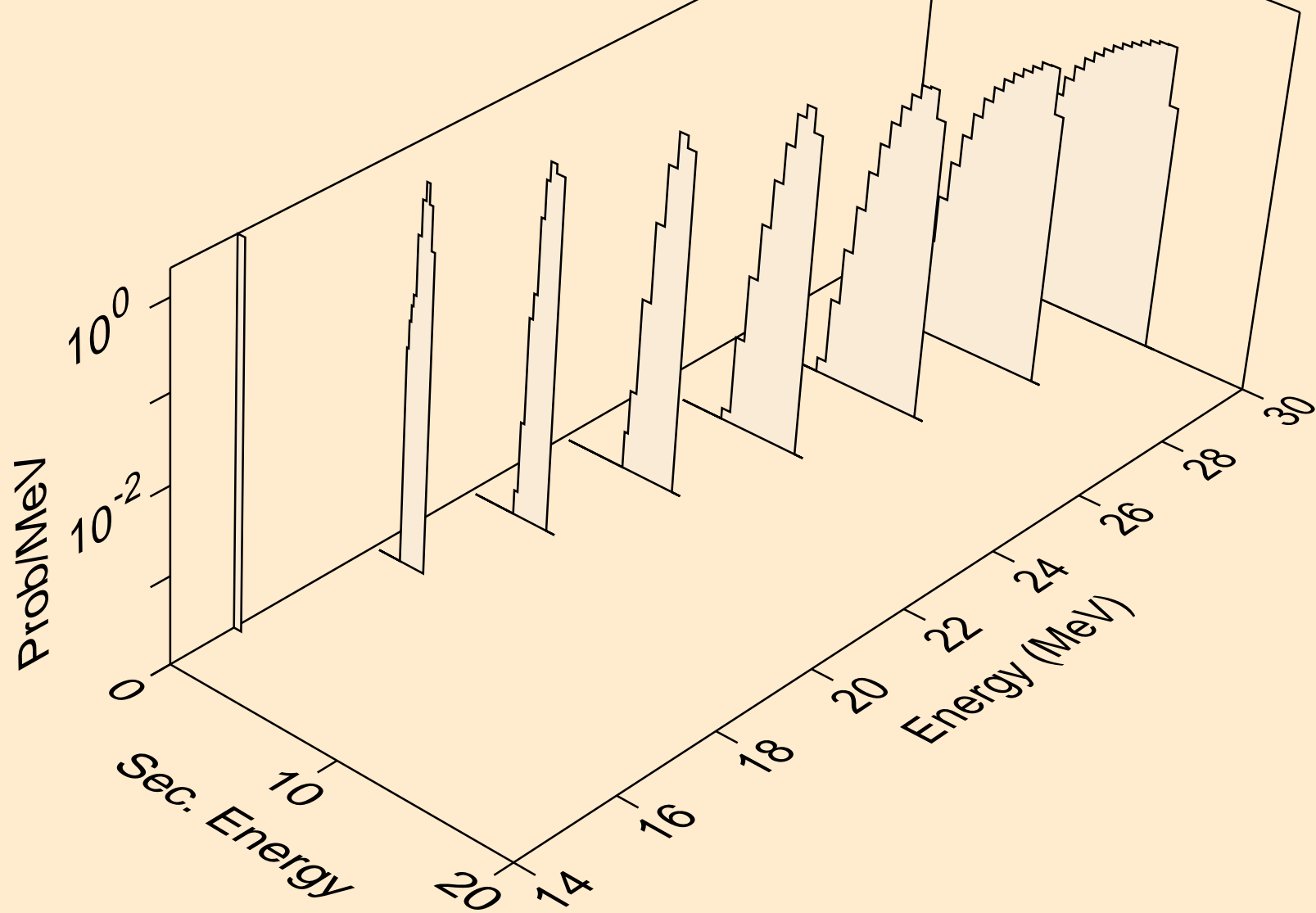
CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t

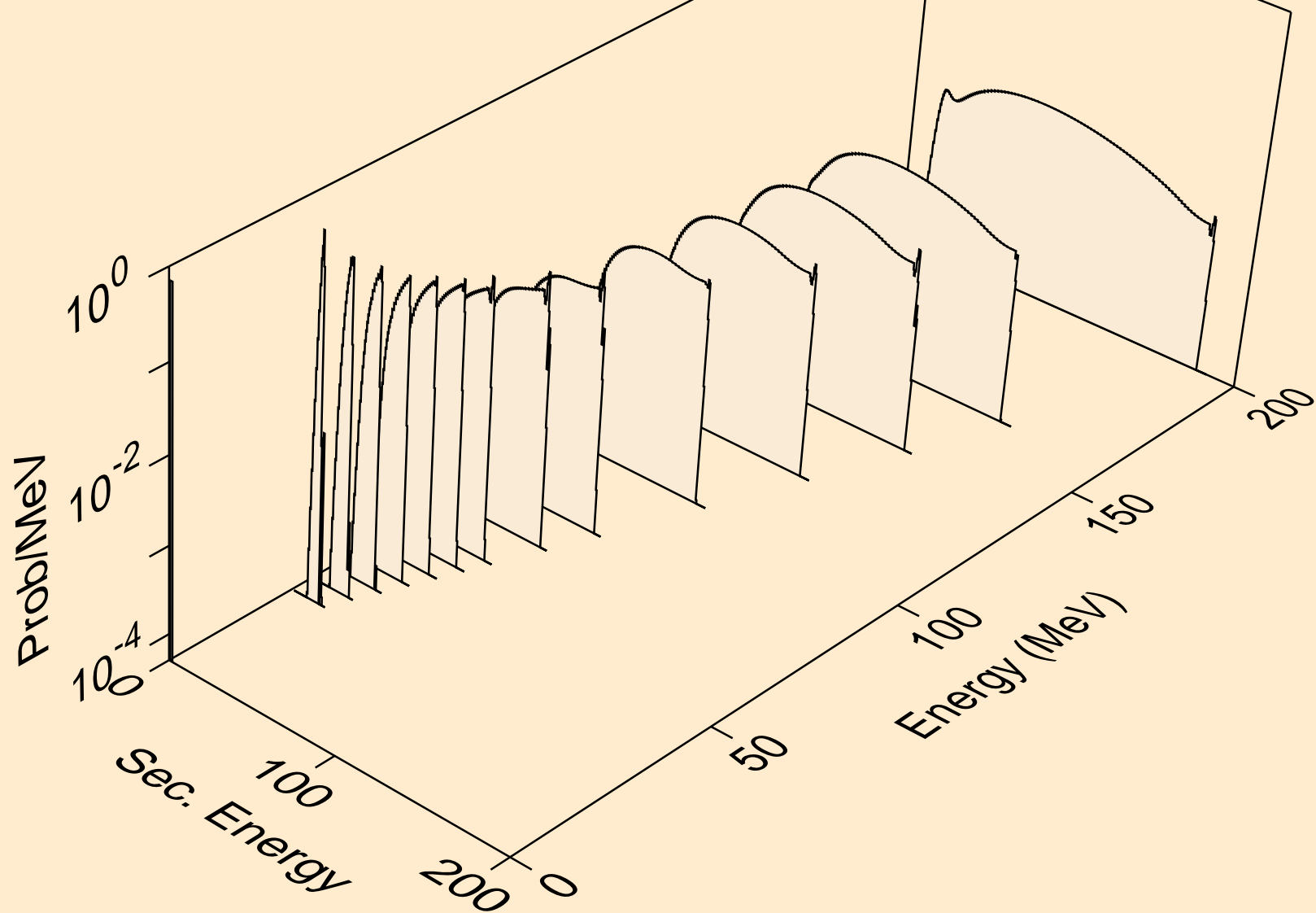


CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)





CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



CE139 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

