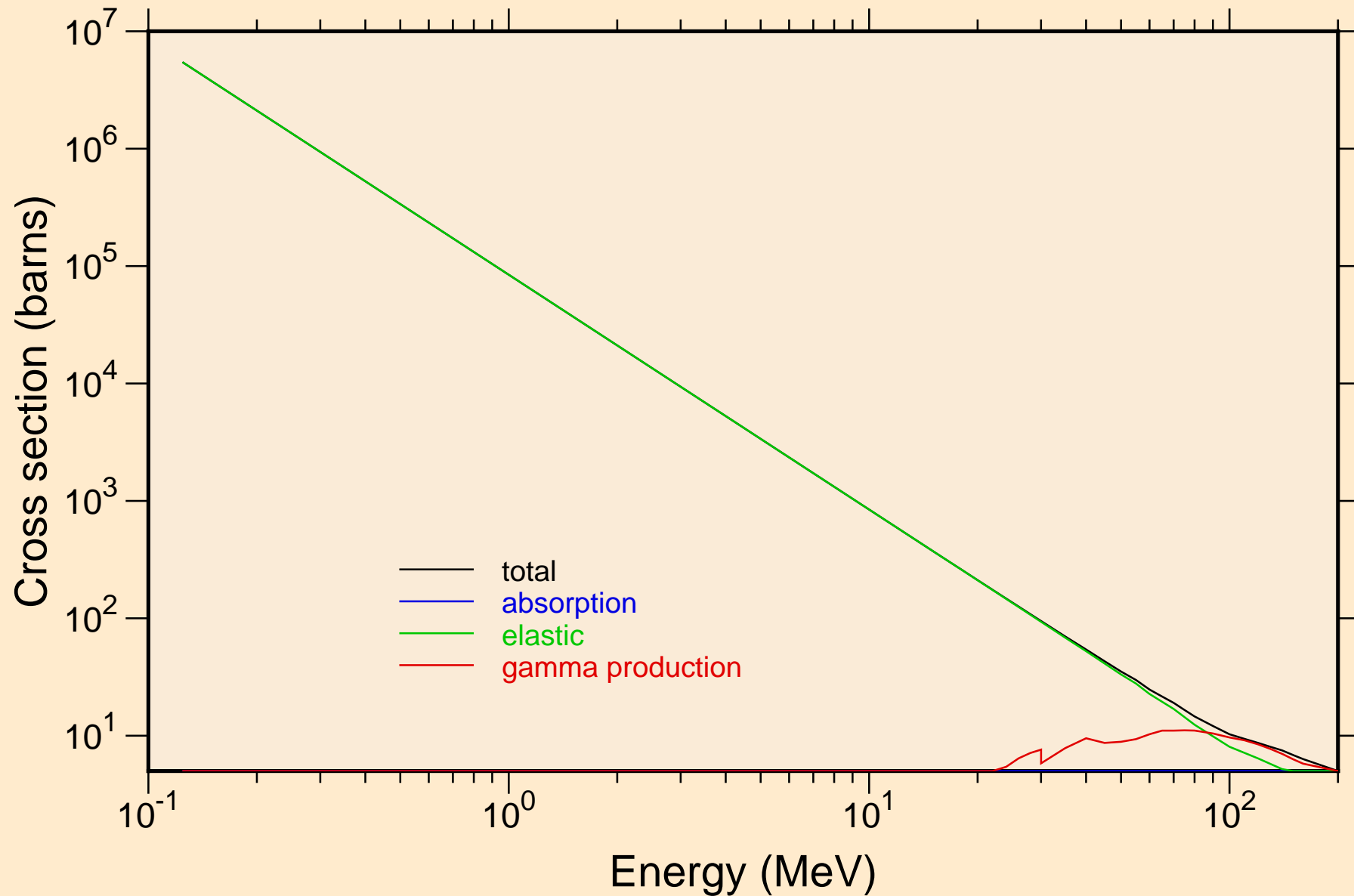
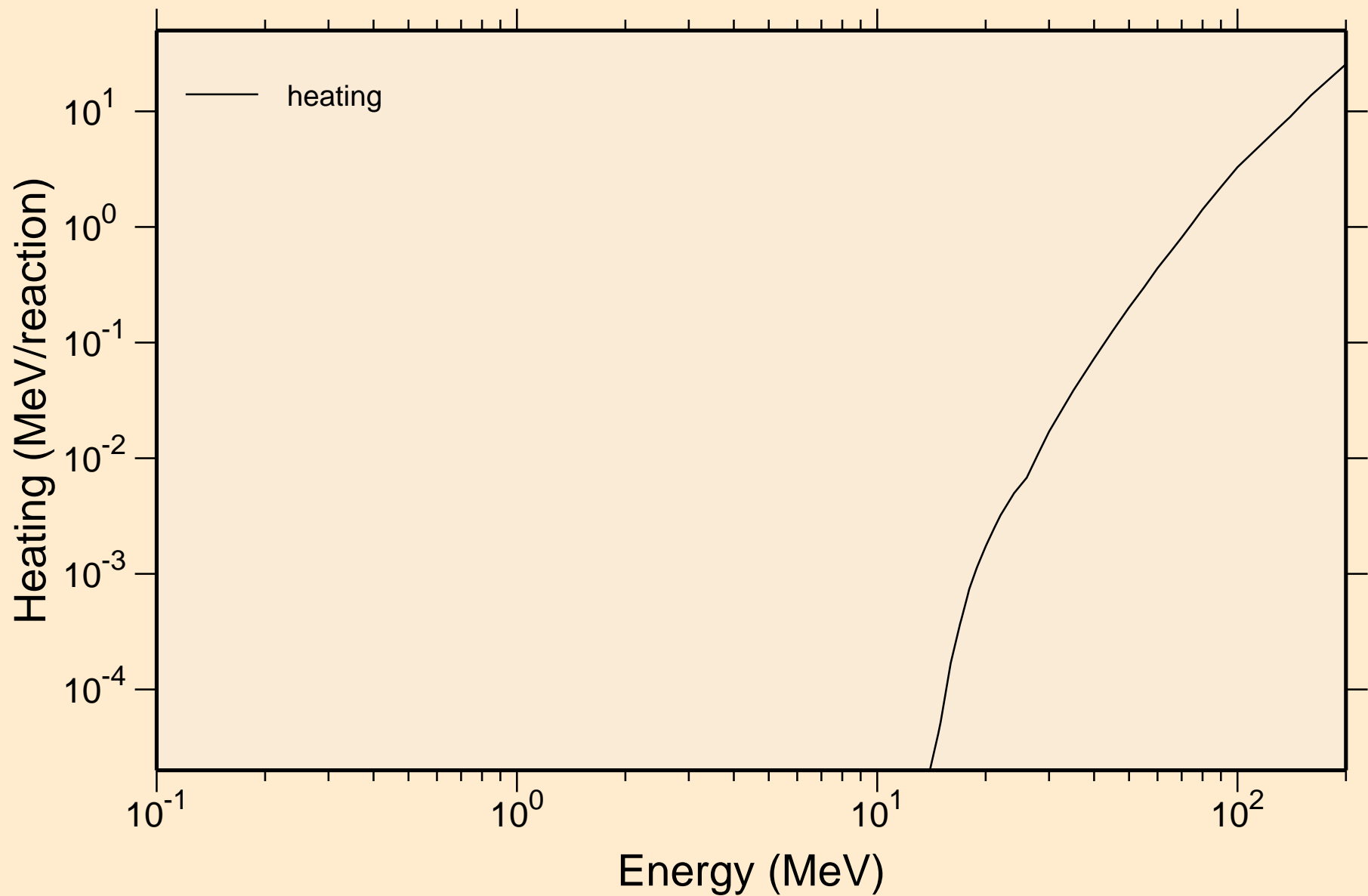


# LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

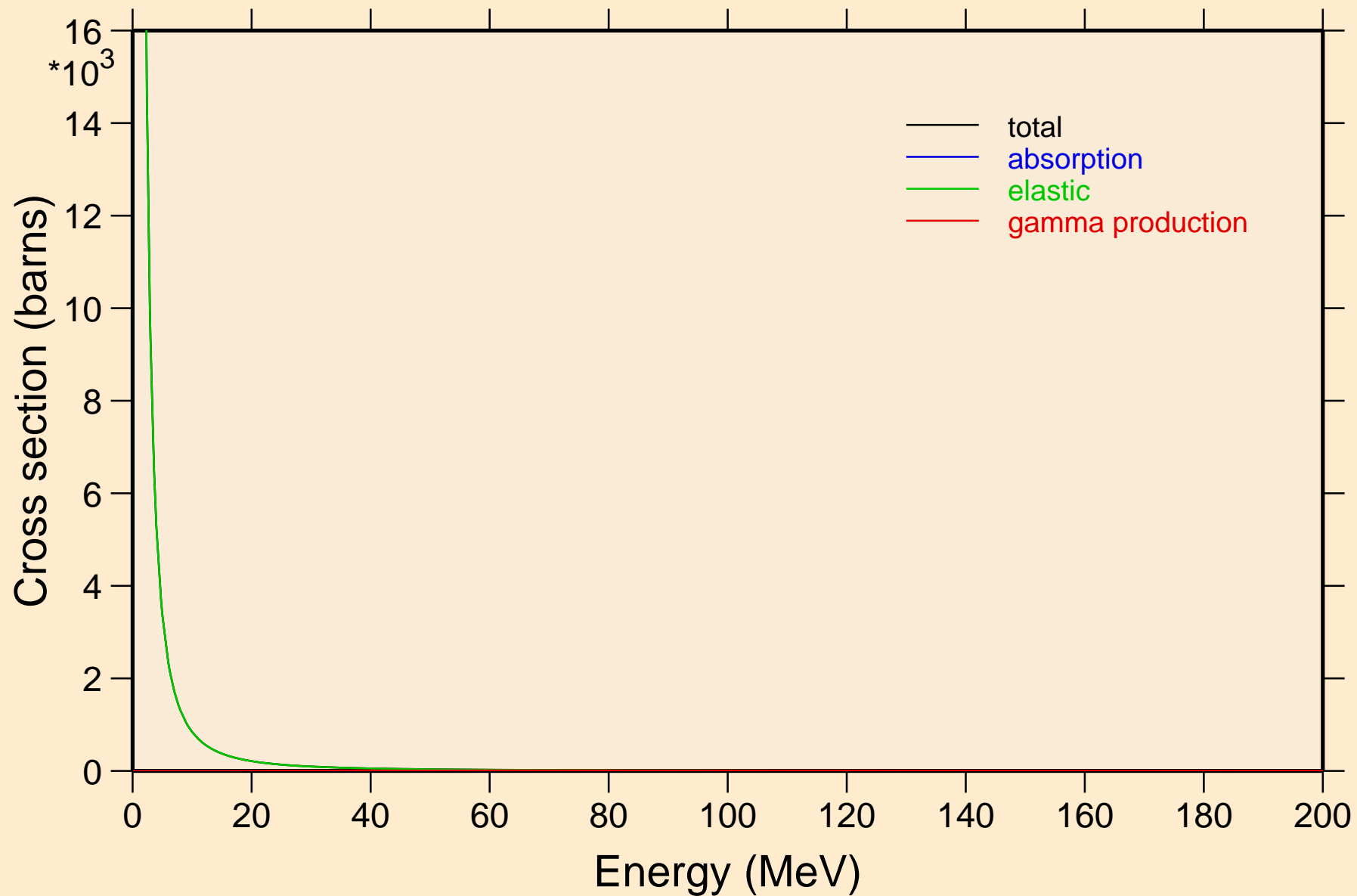


LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Heating

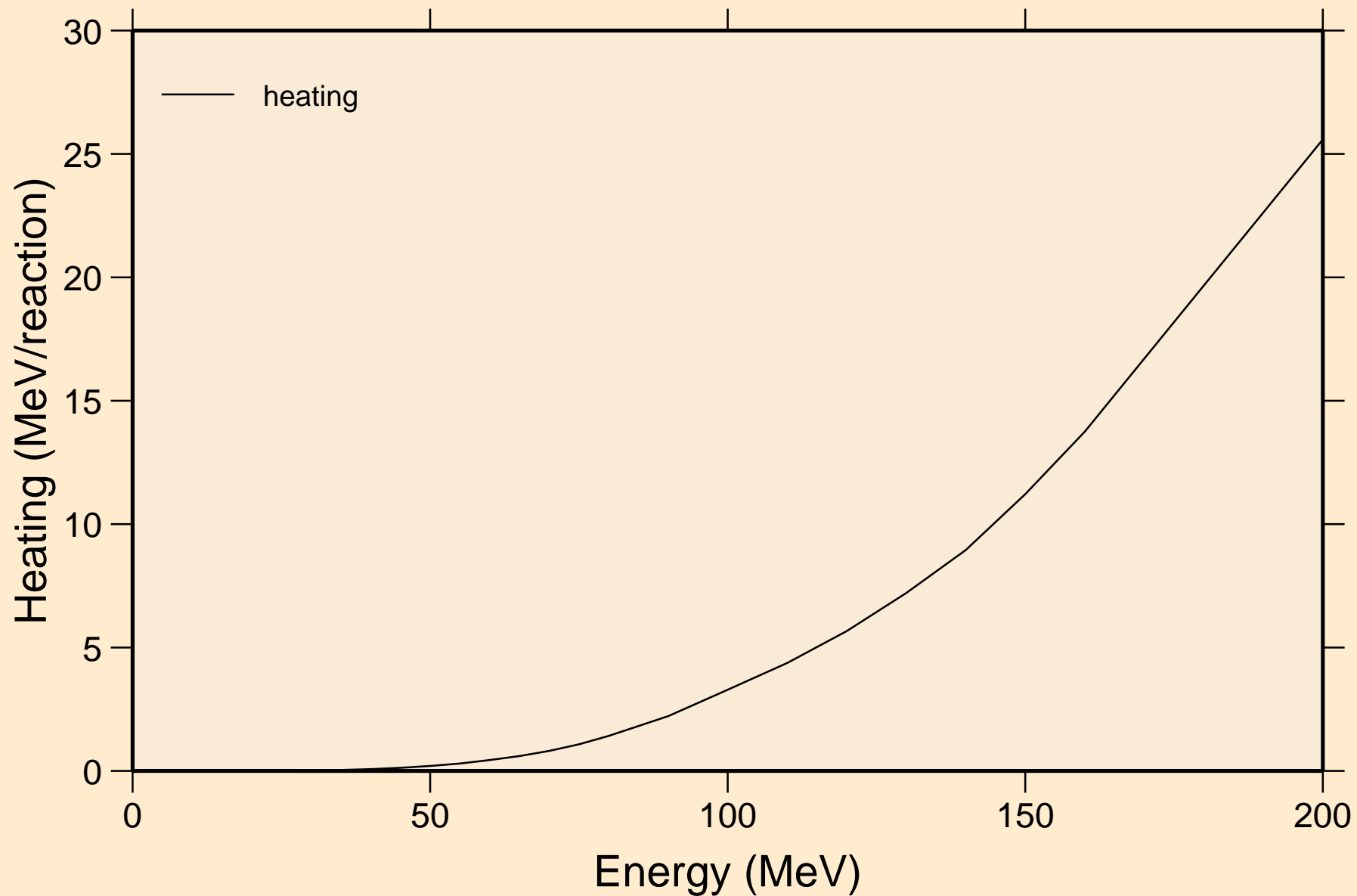


# LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

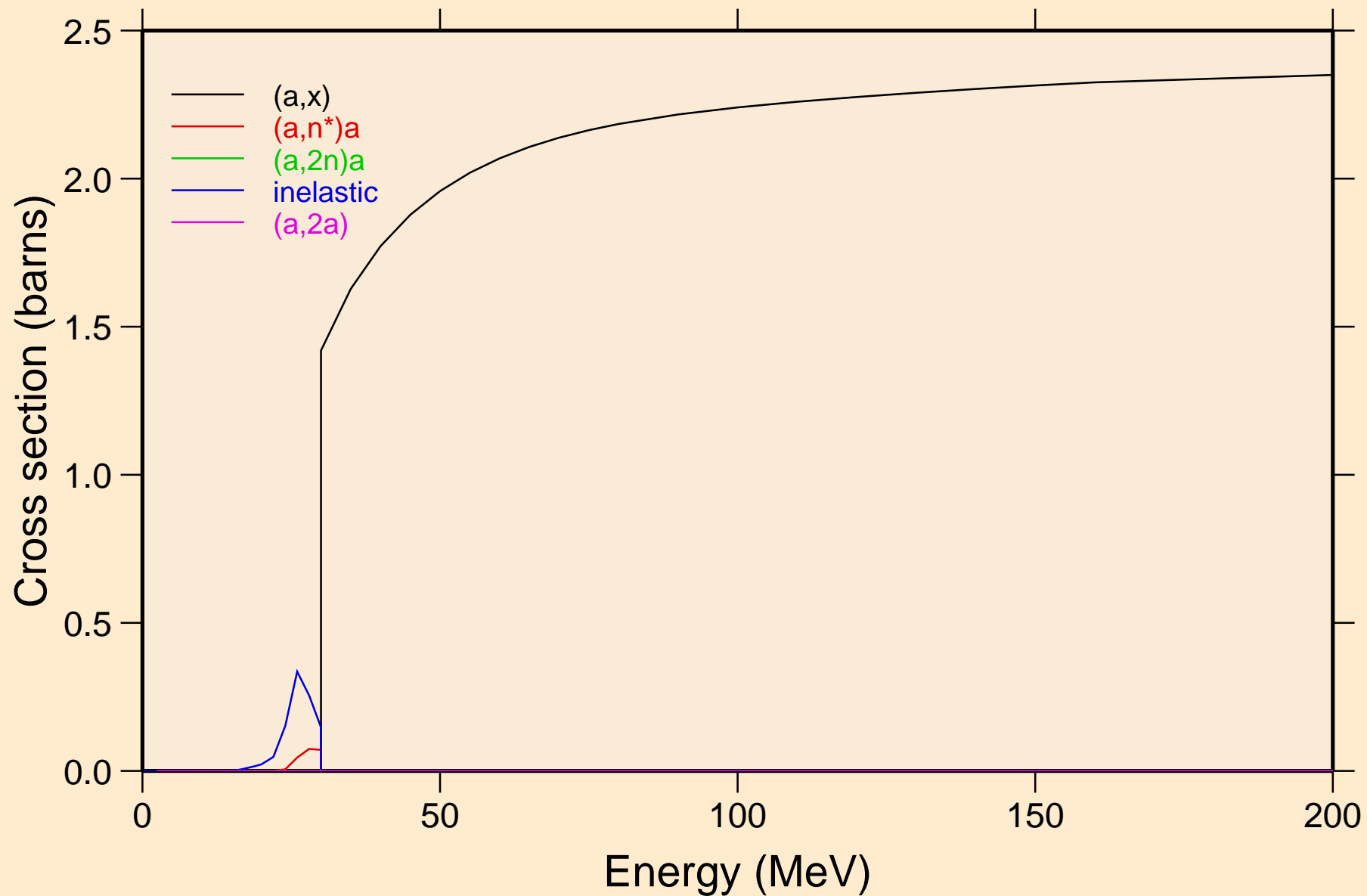


LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Heating

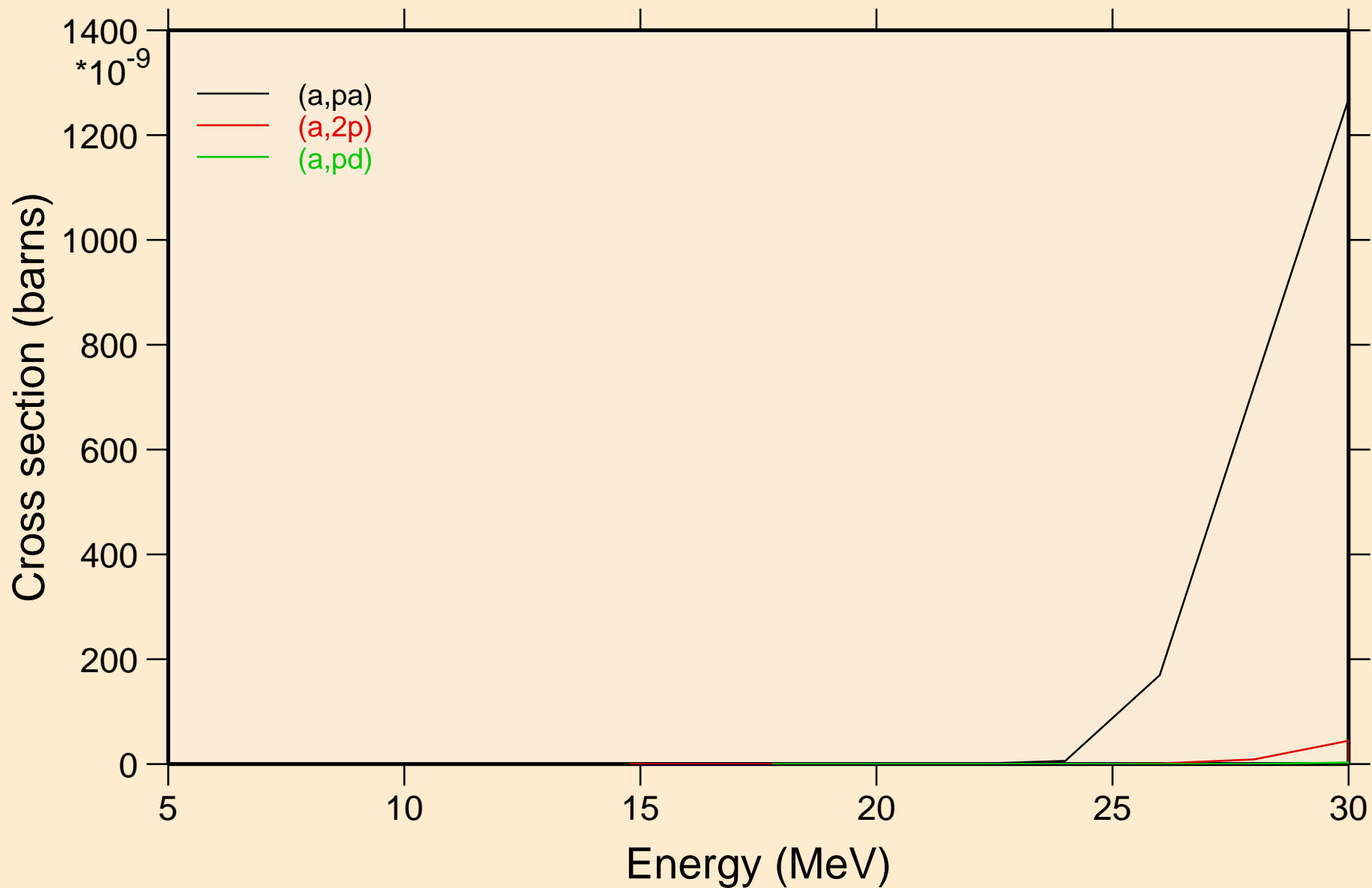


# LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

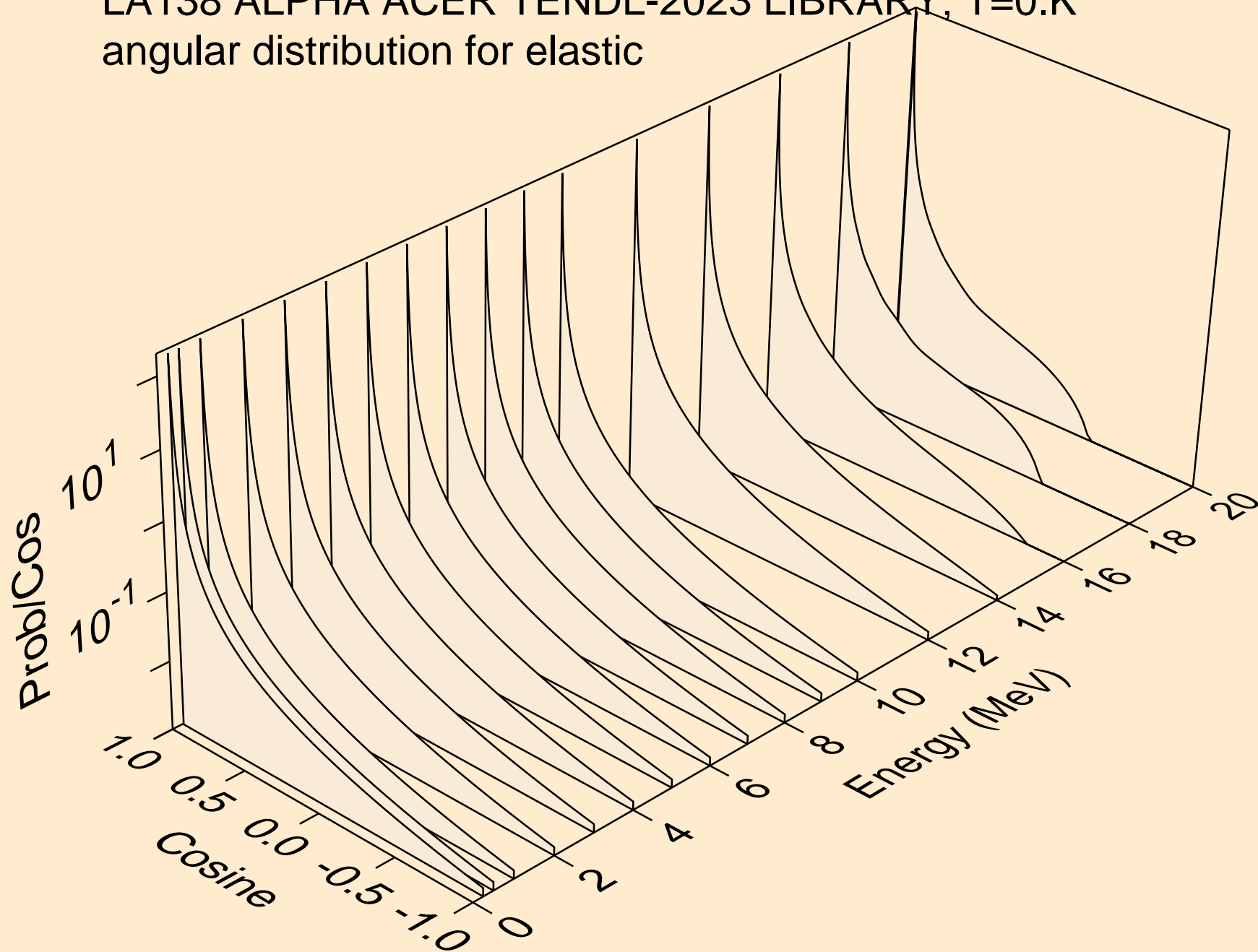
## Threshold reactions



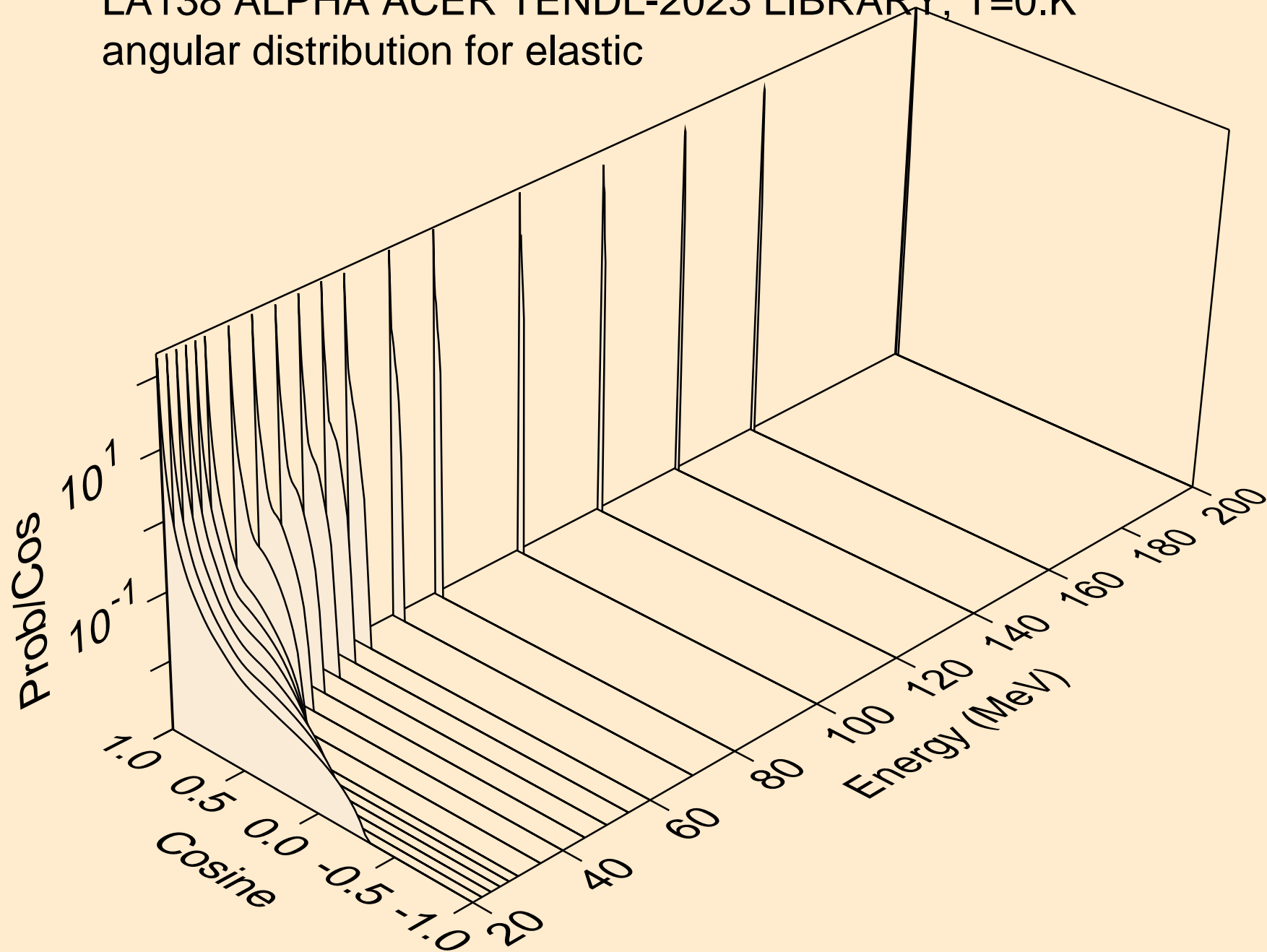
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

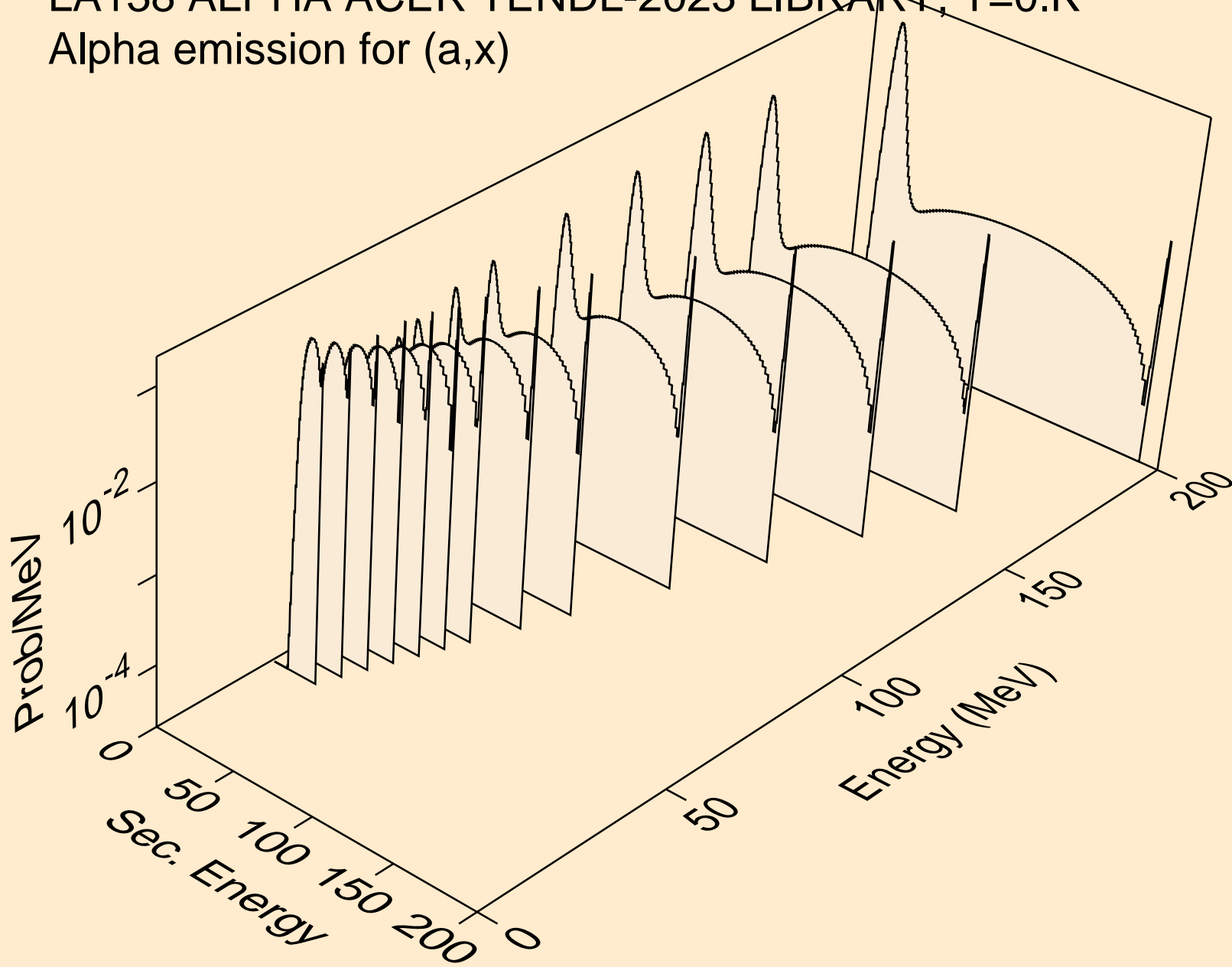


LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

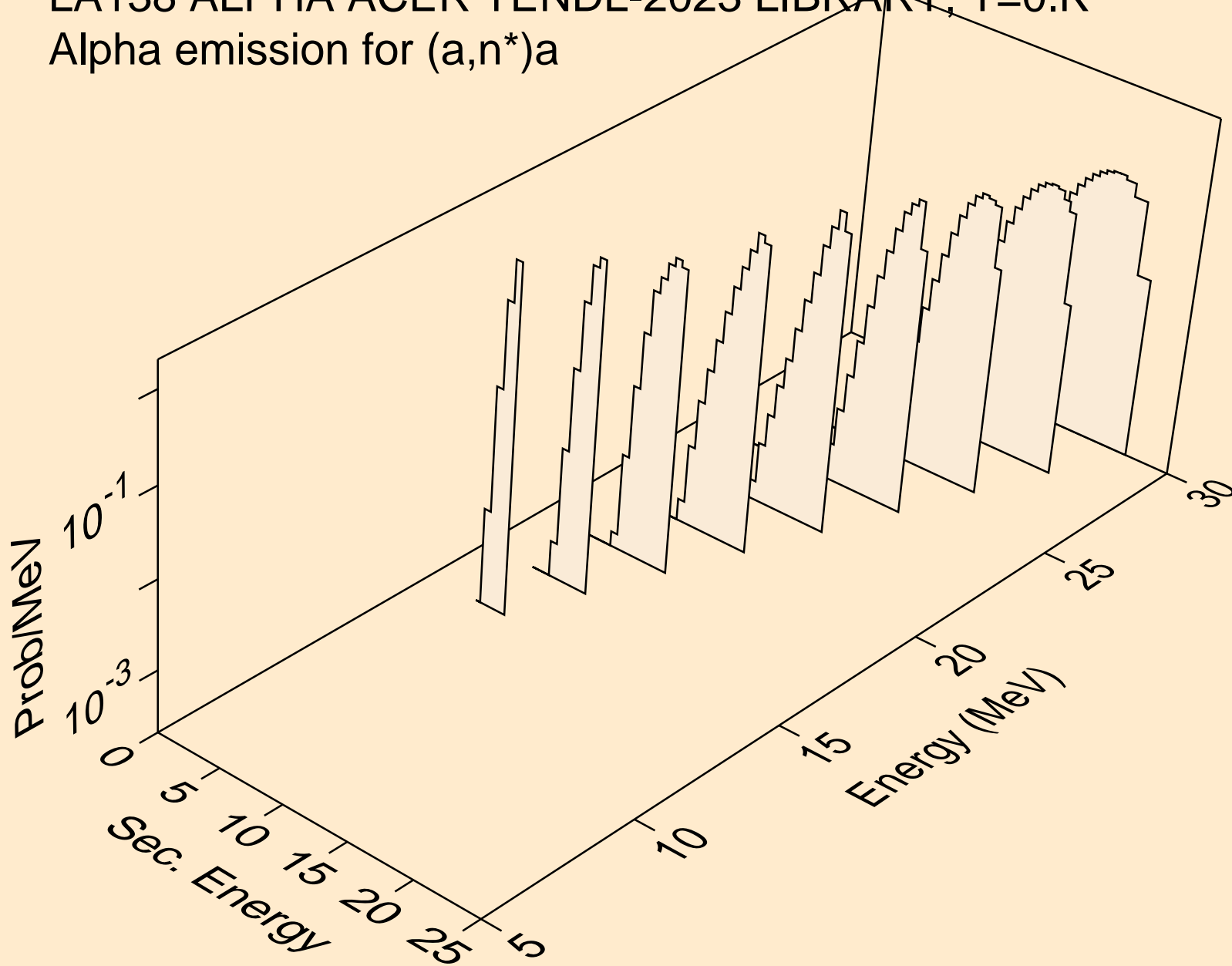




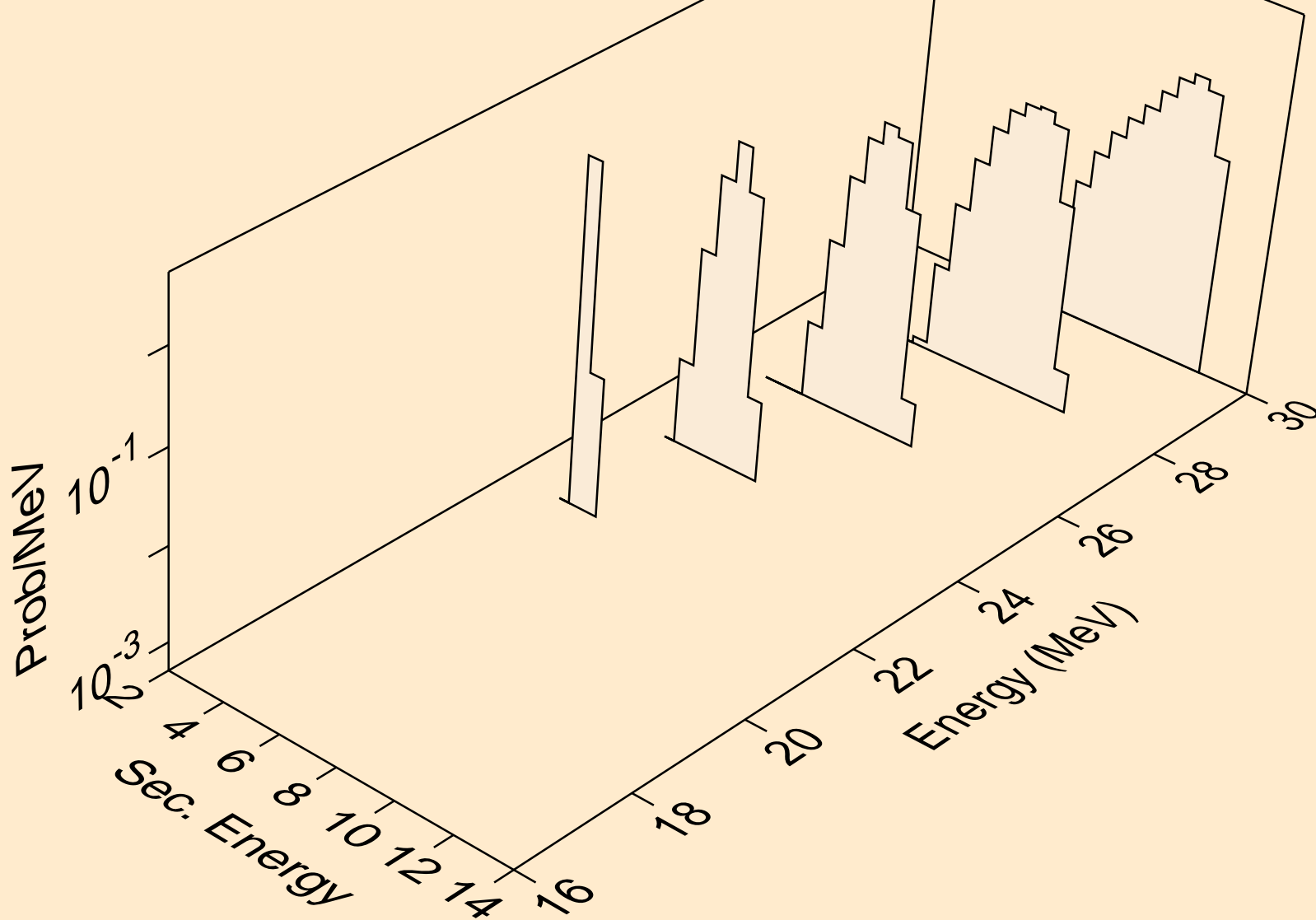
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



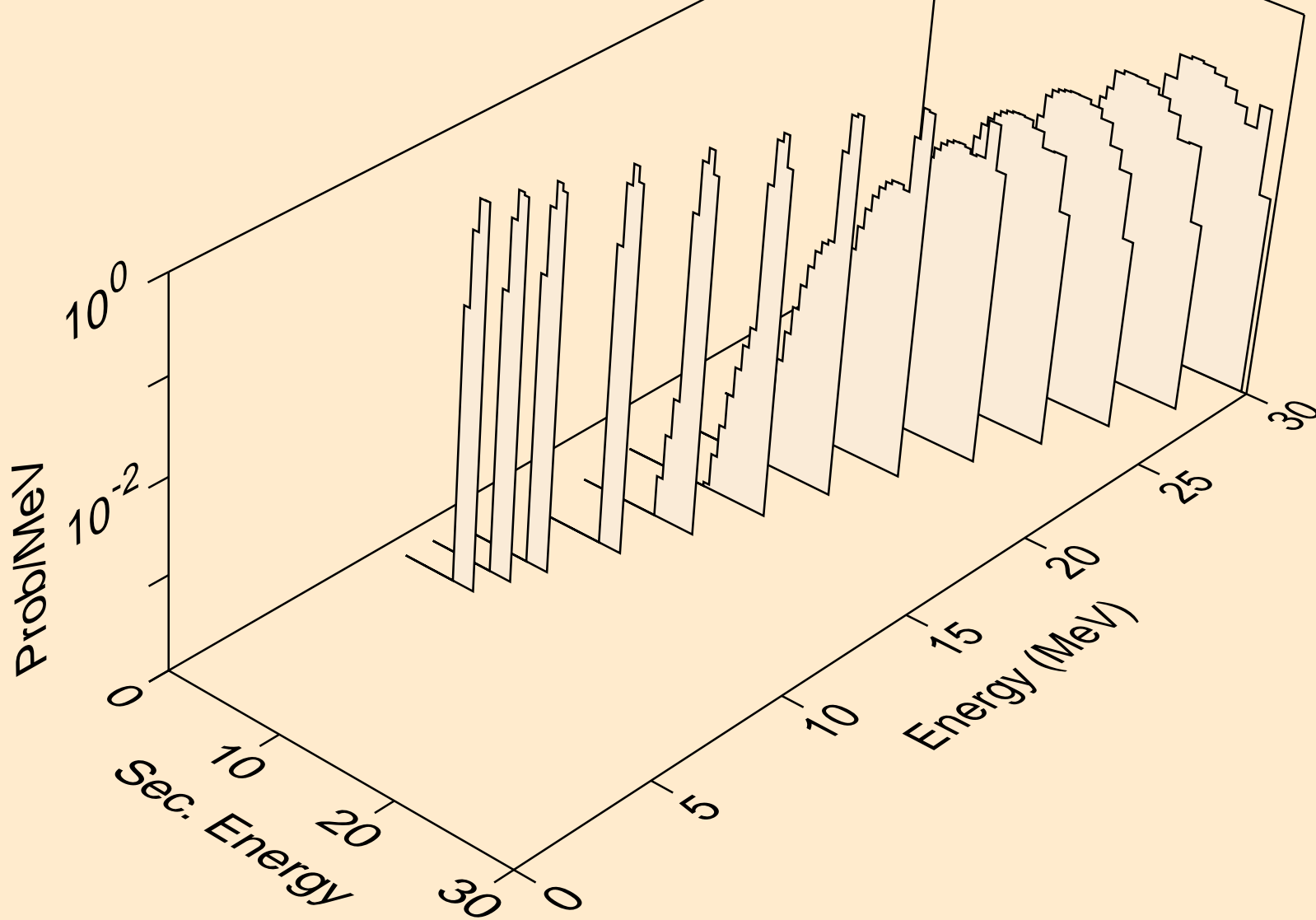
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



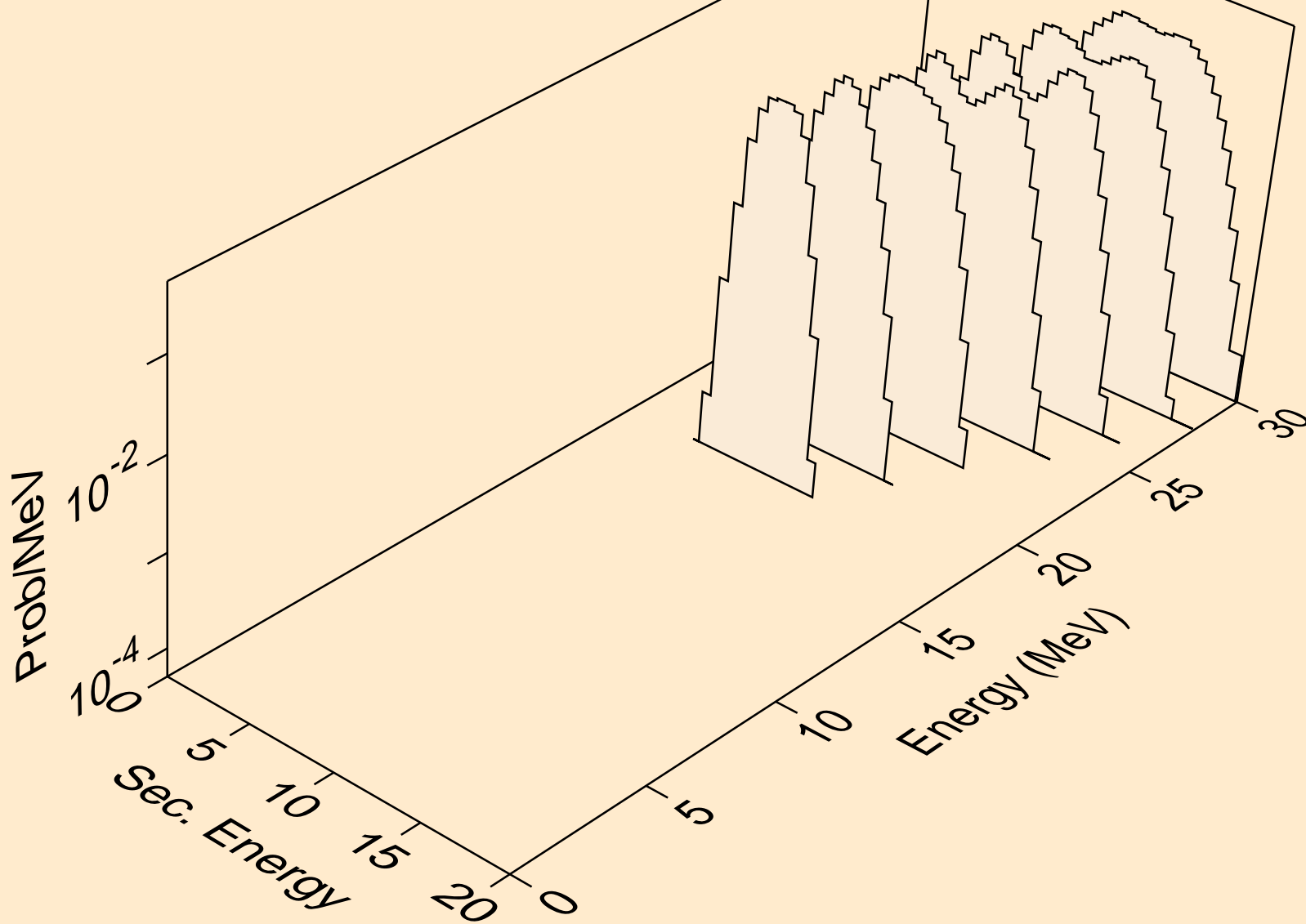
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



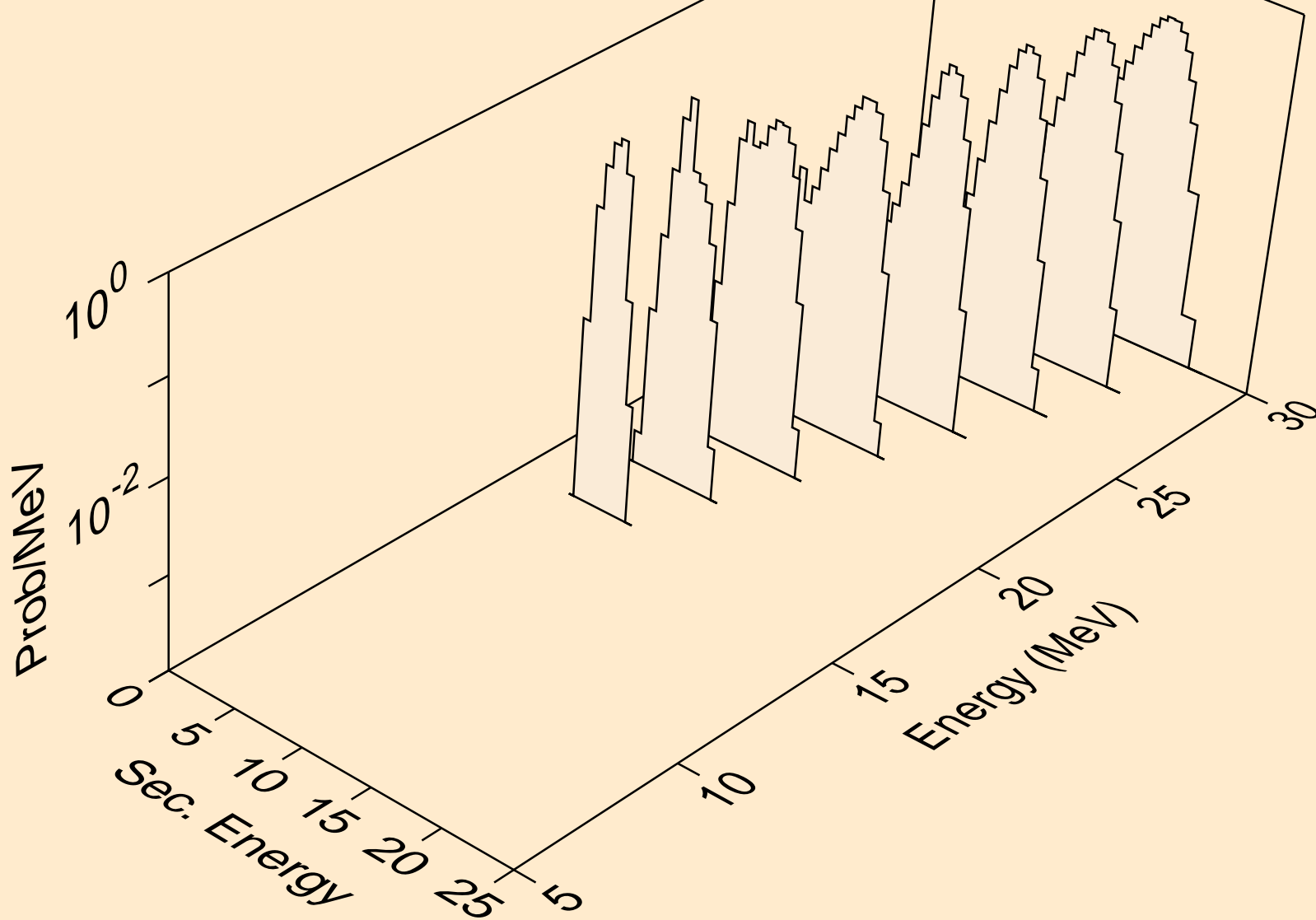
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



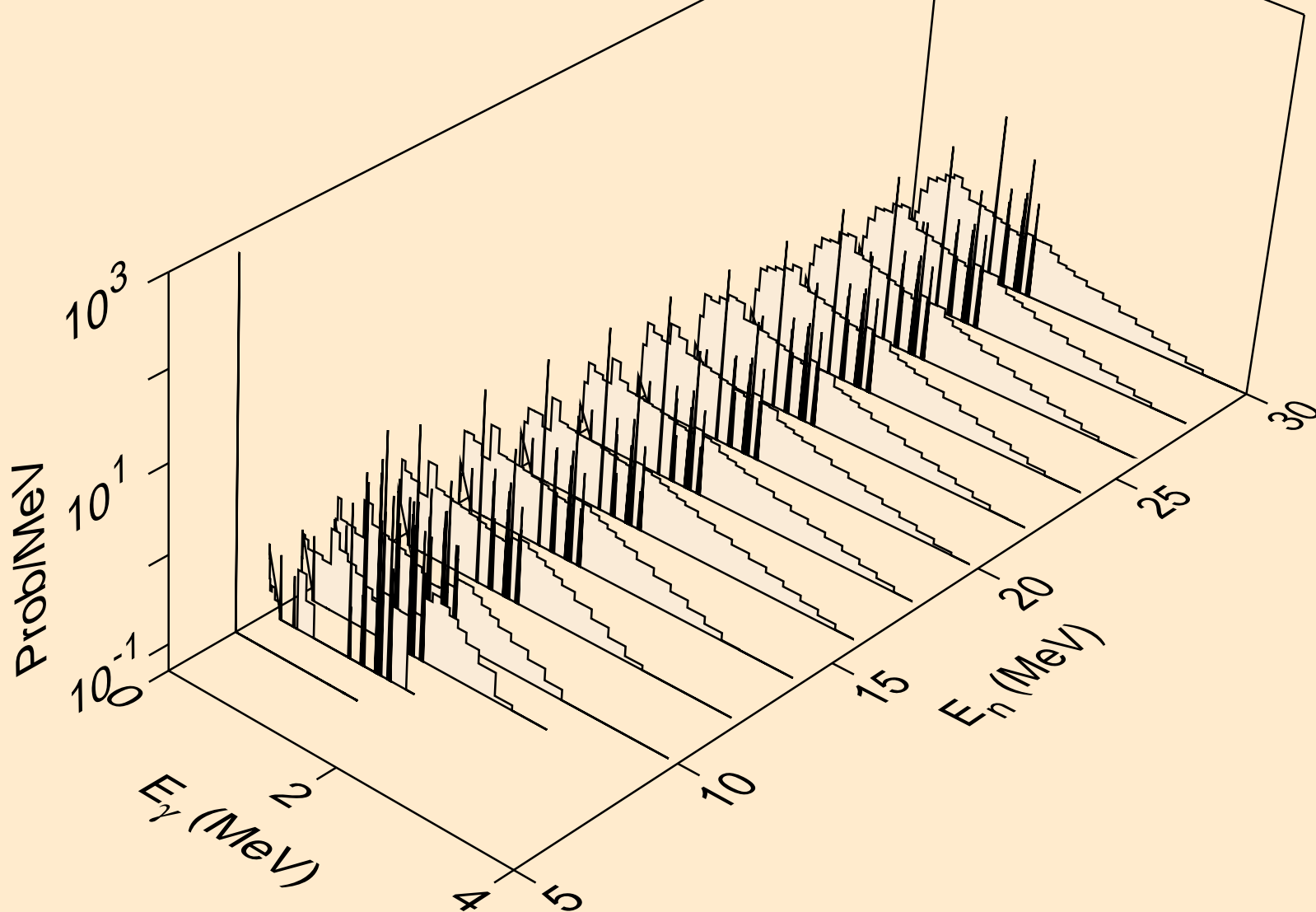
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



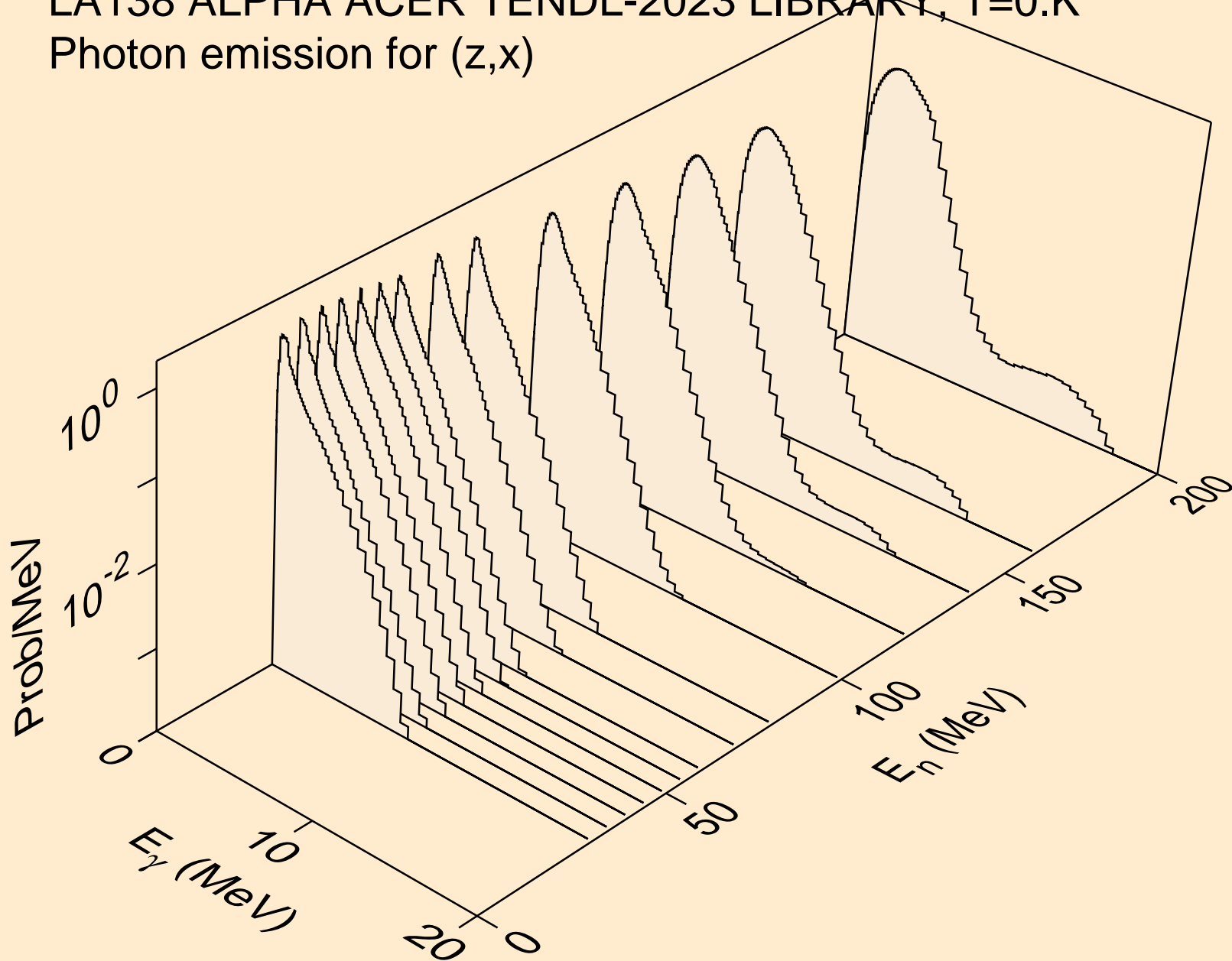
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

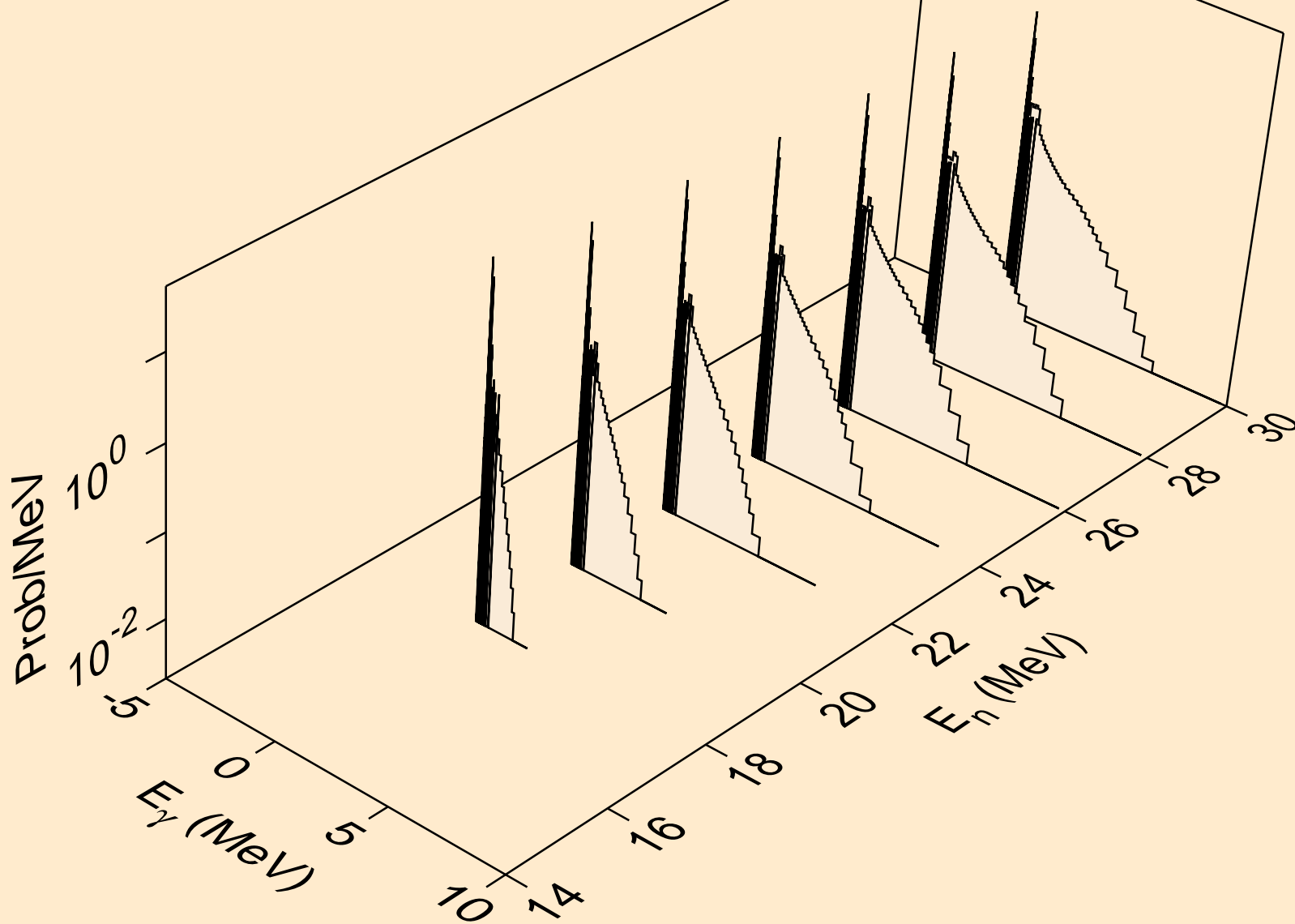


LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

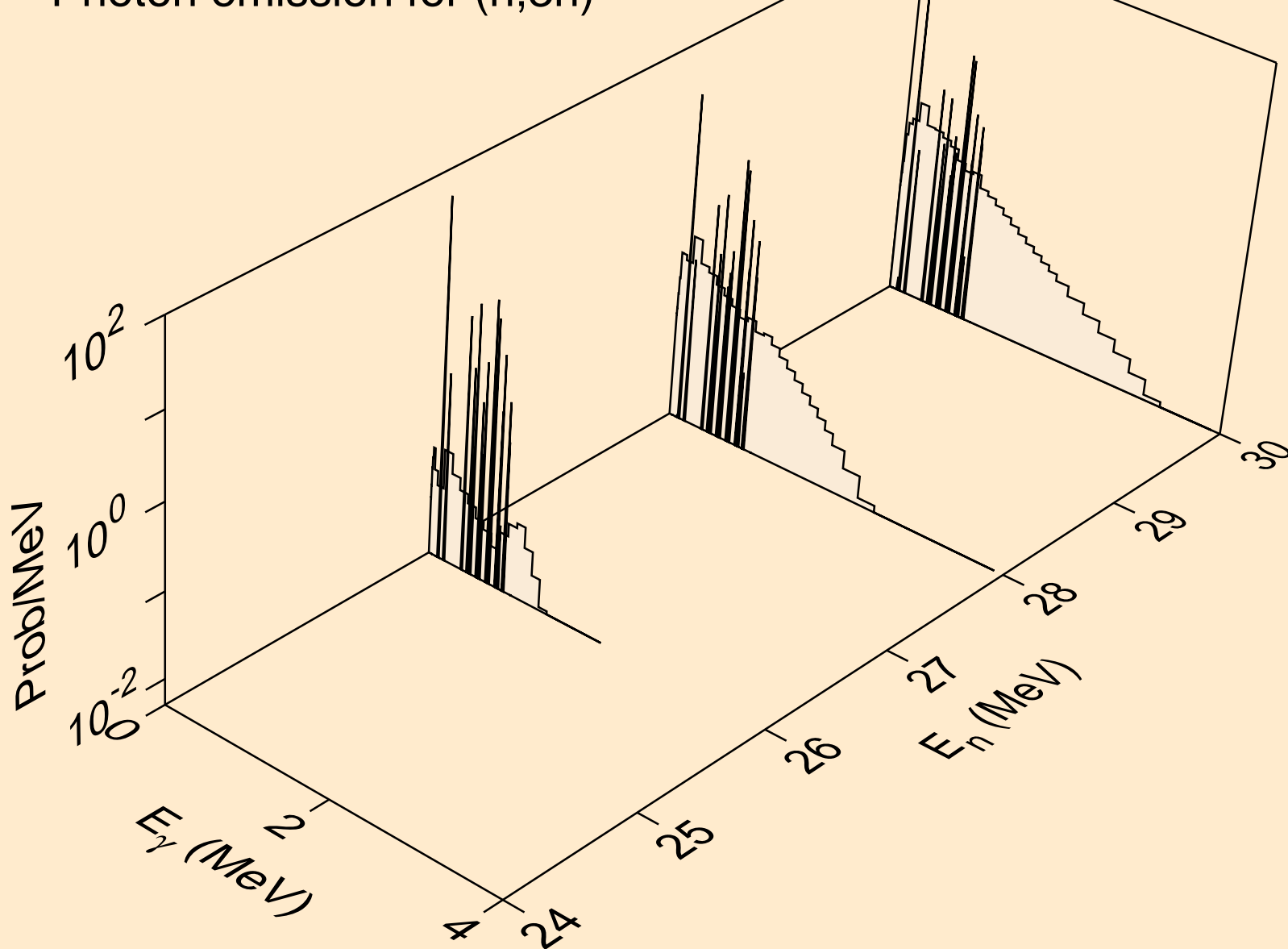




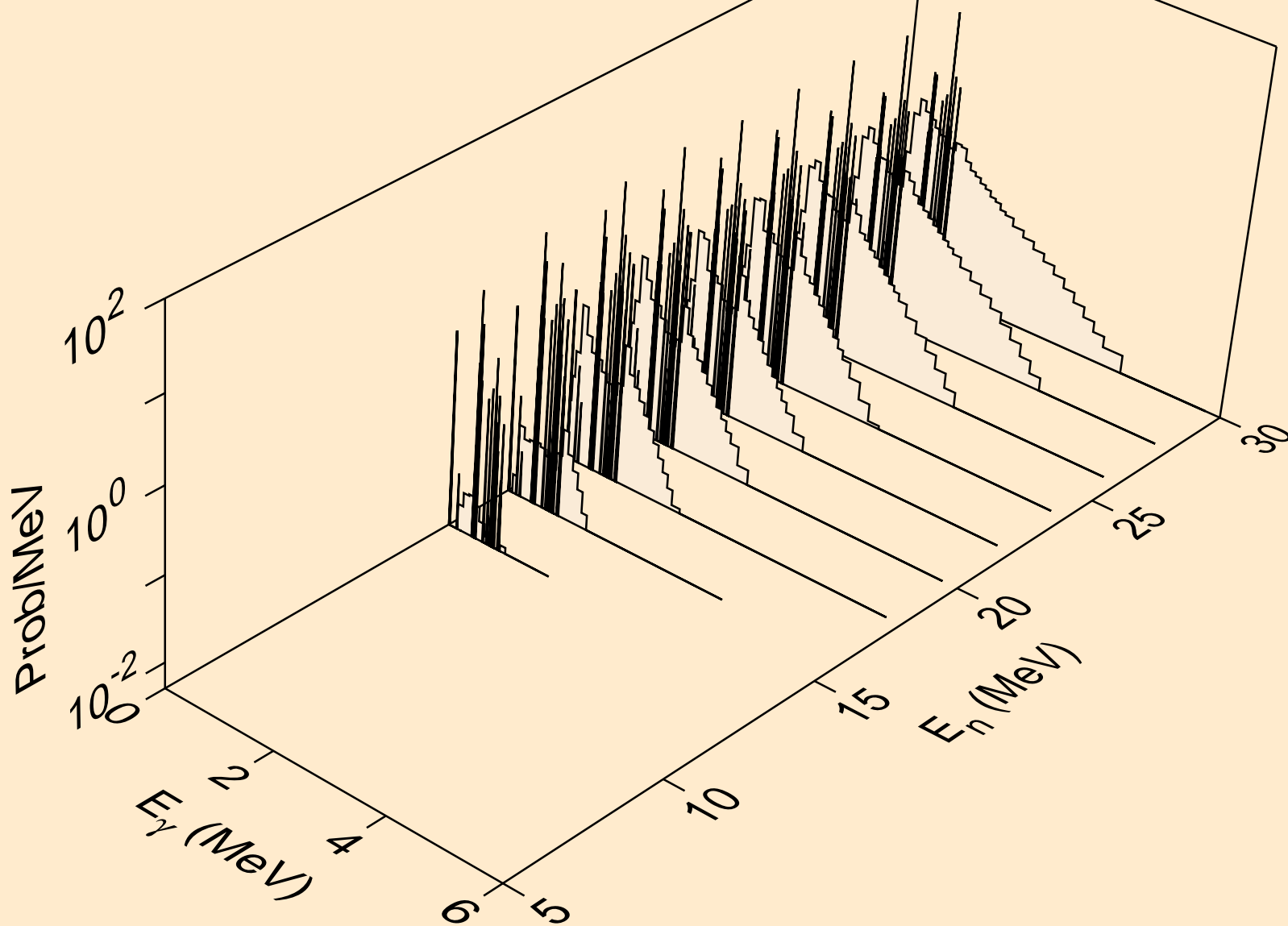
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



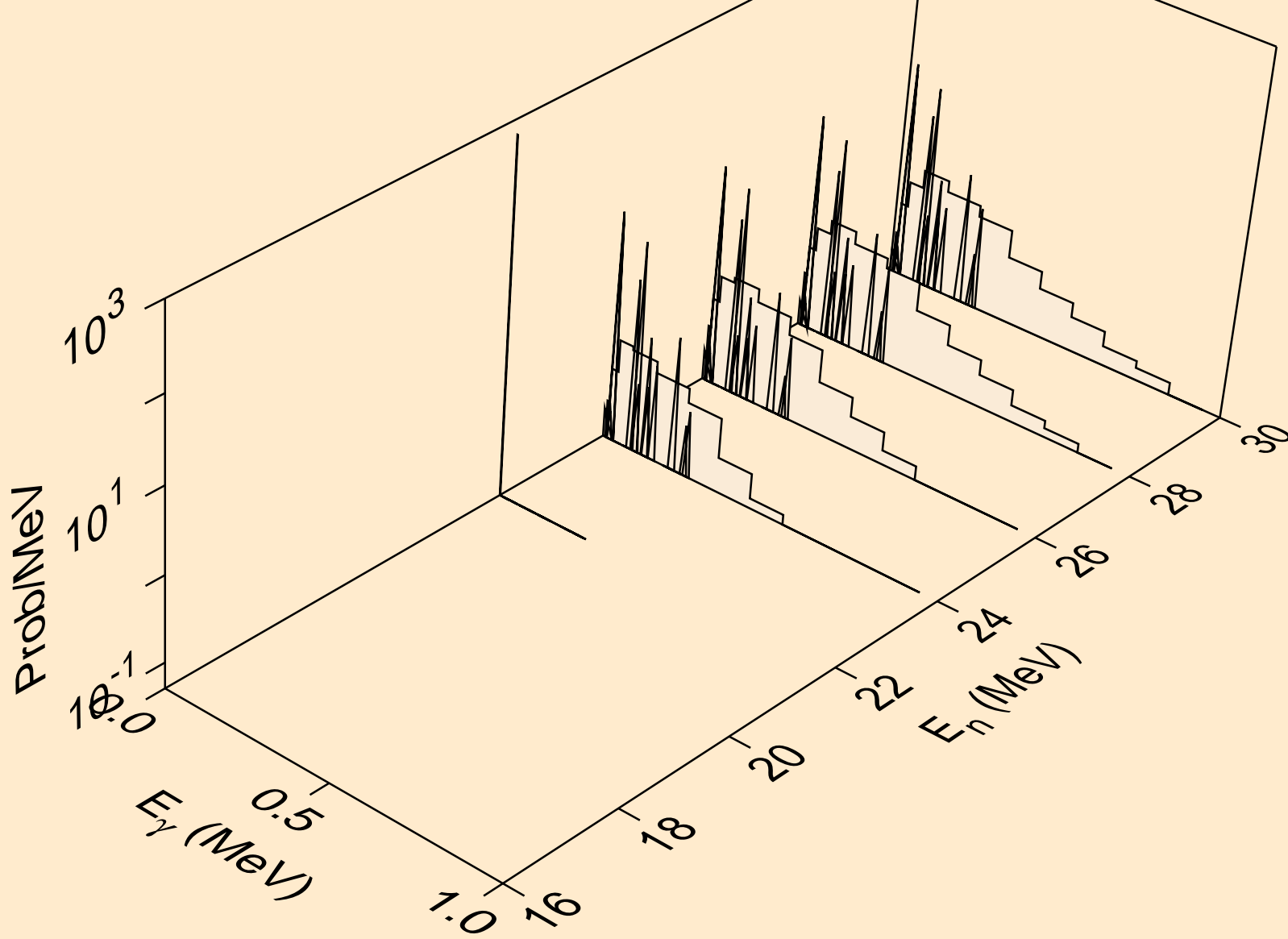
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



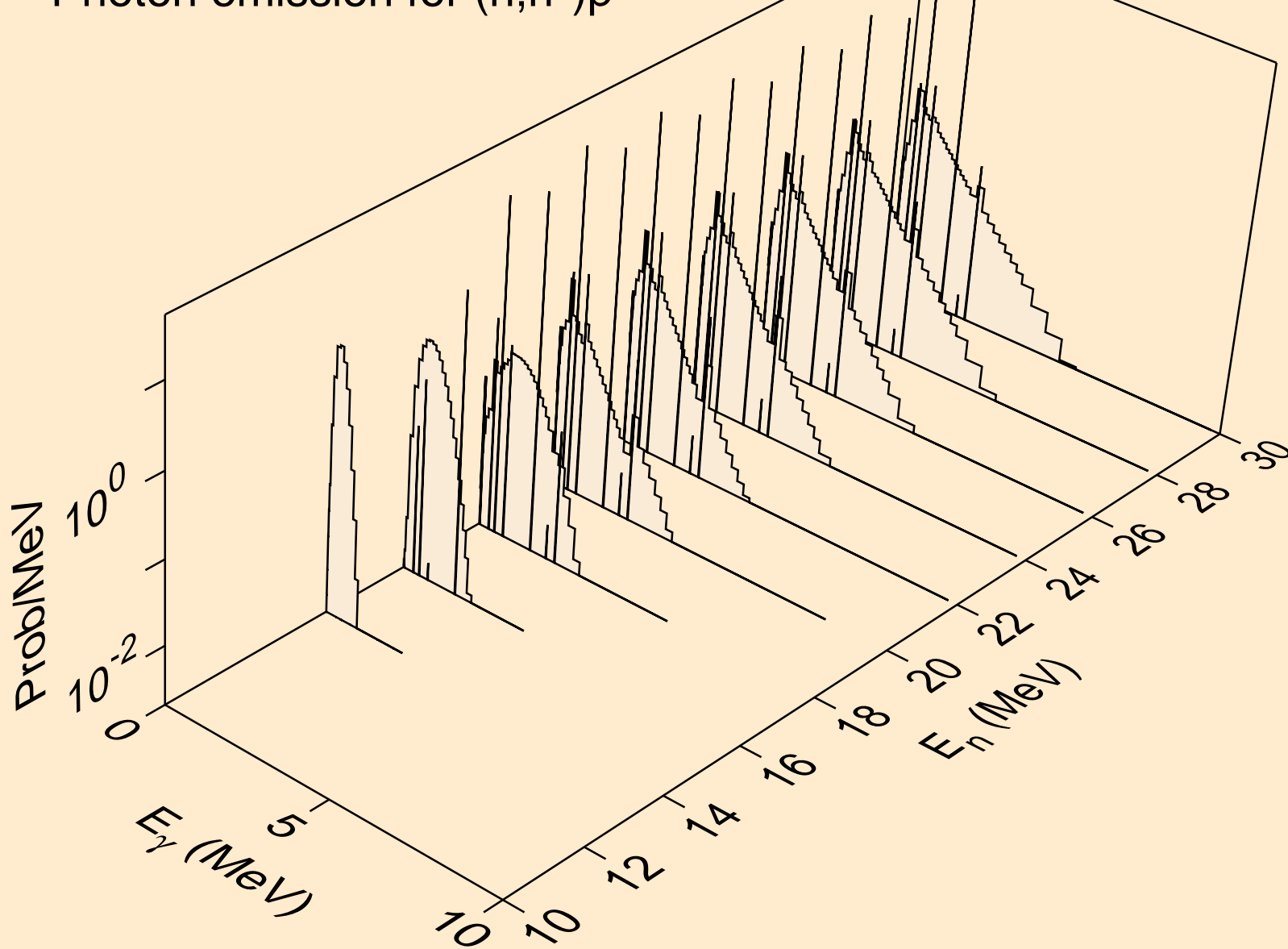
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



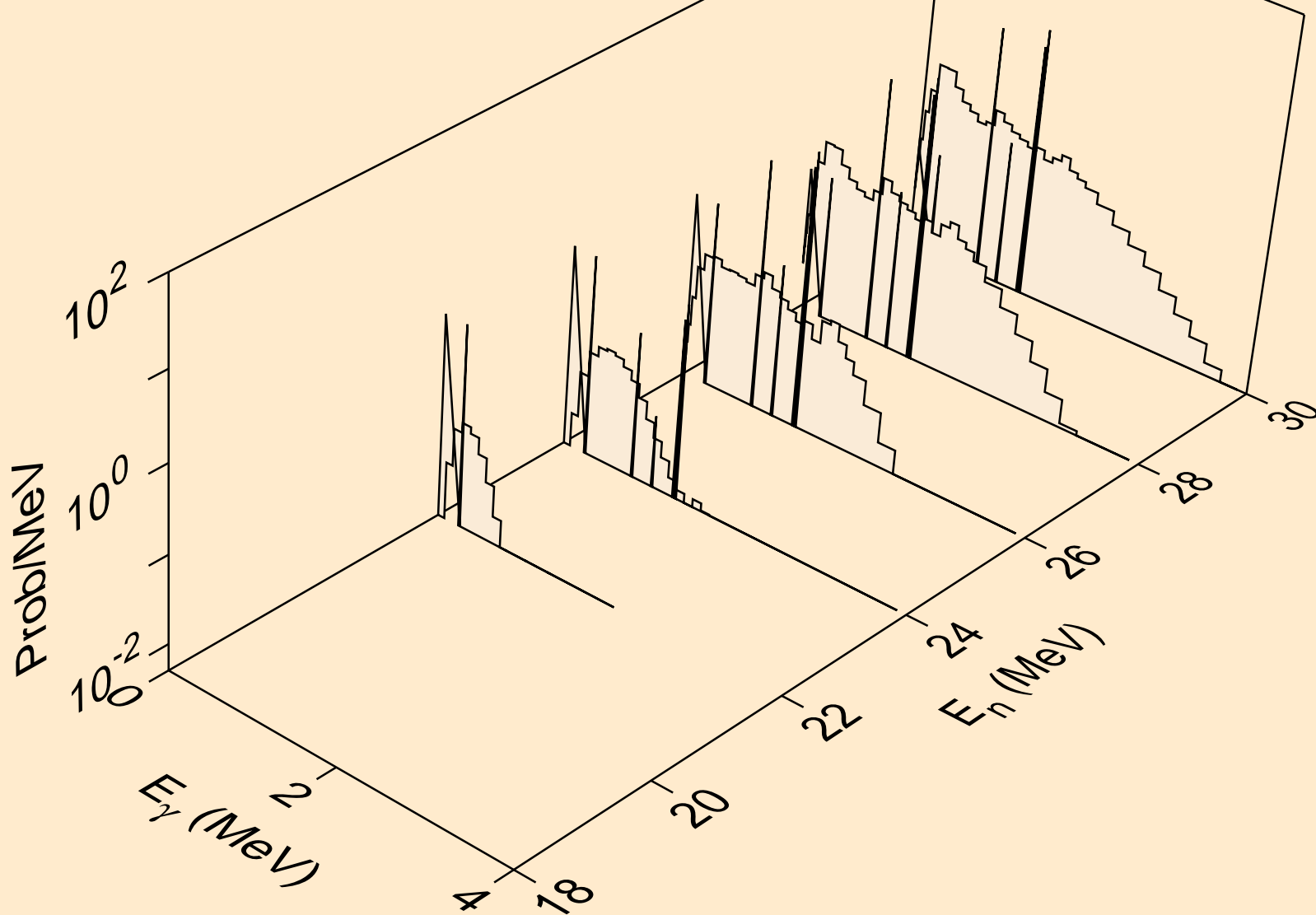
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



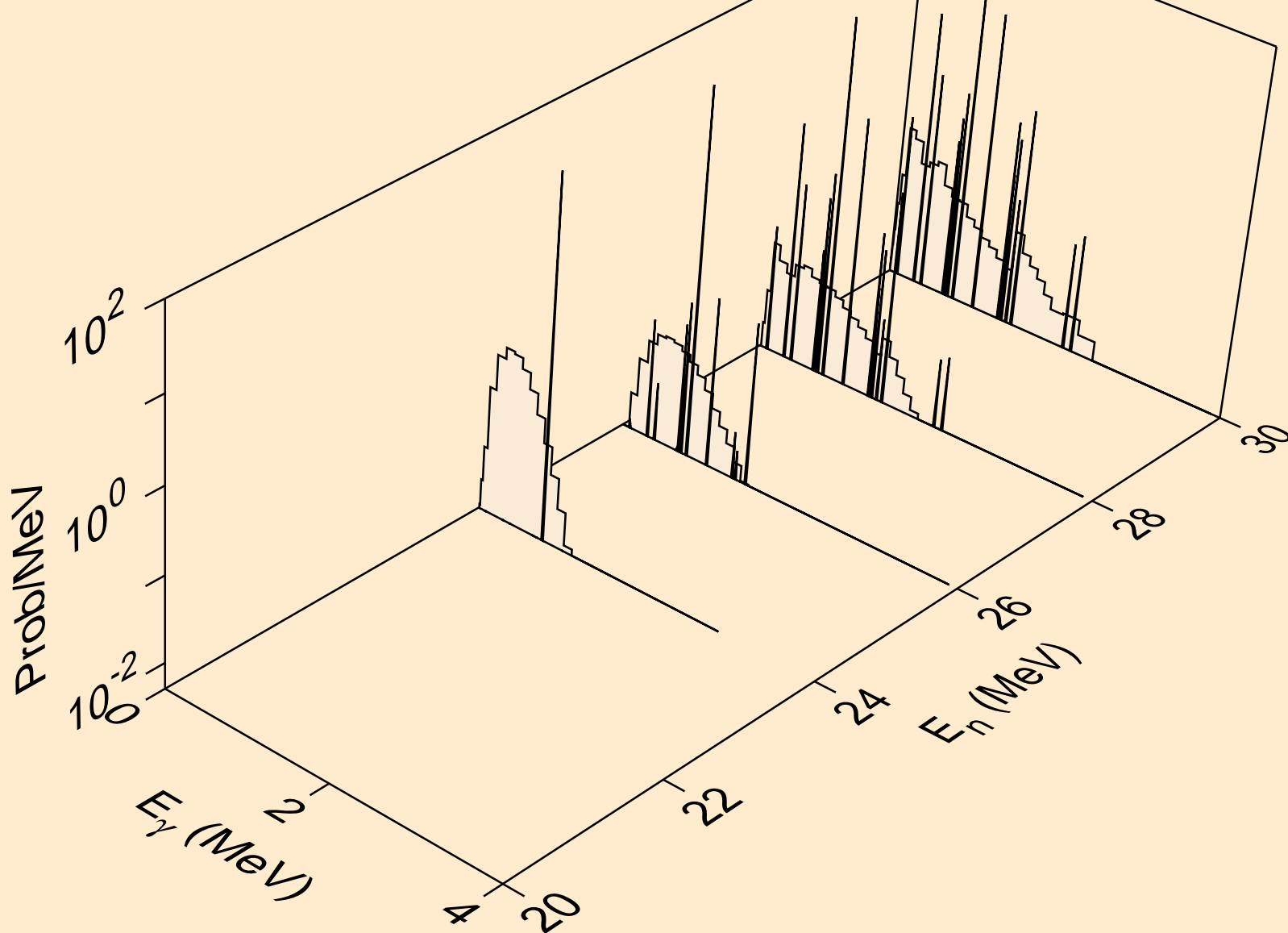
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



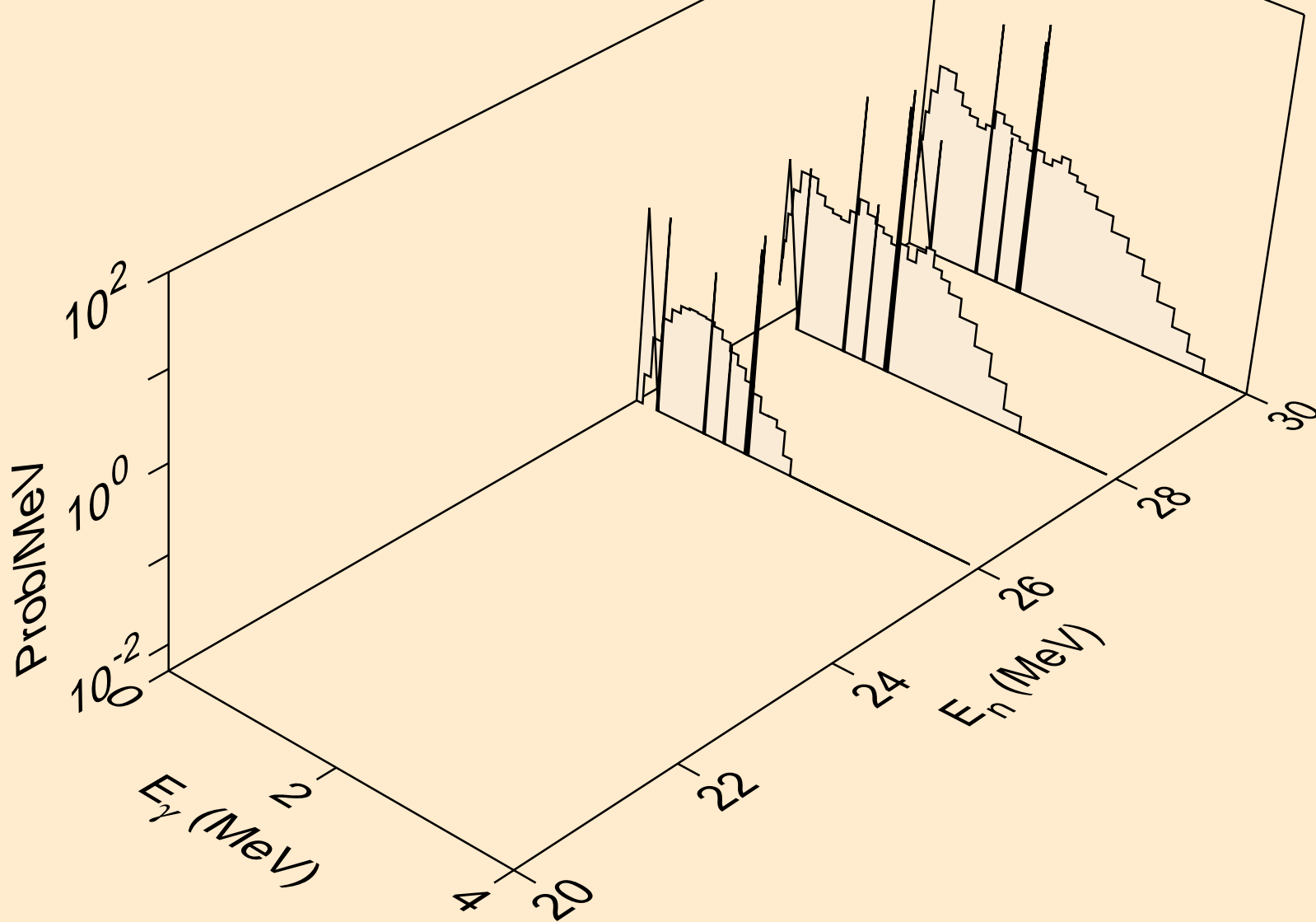
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

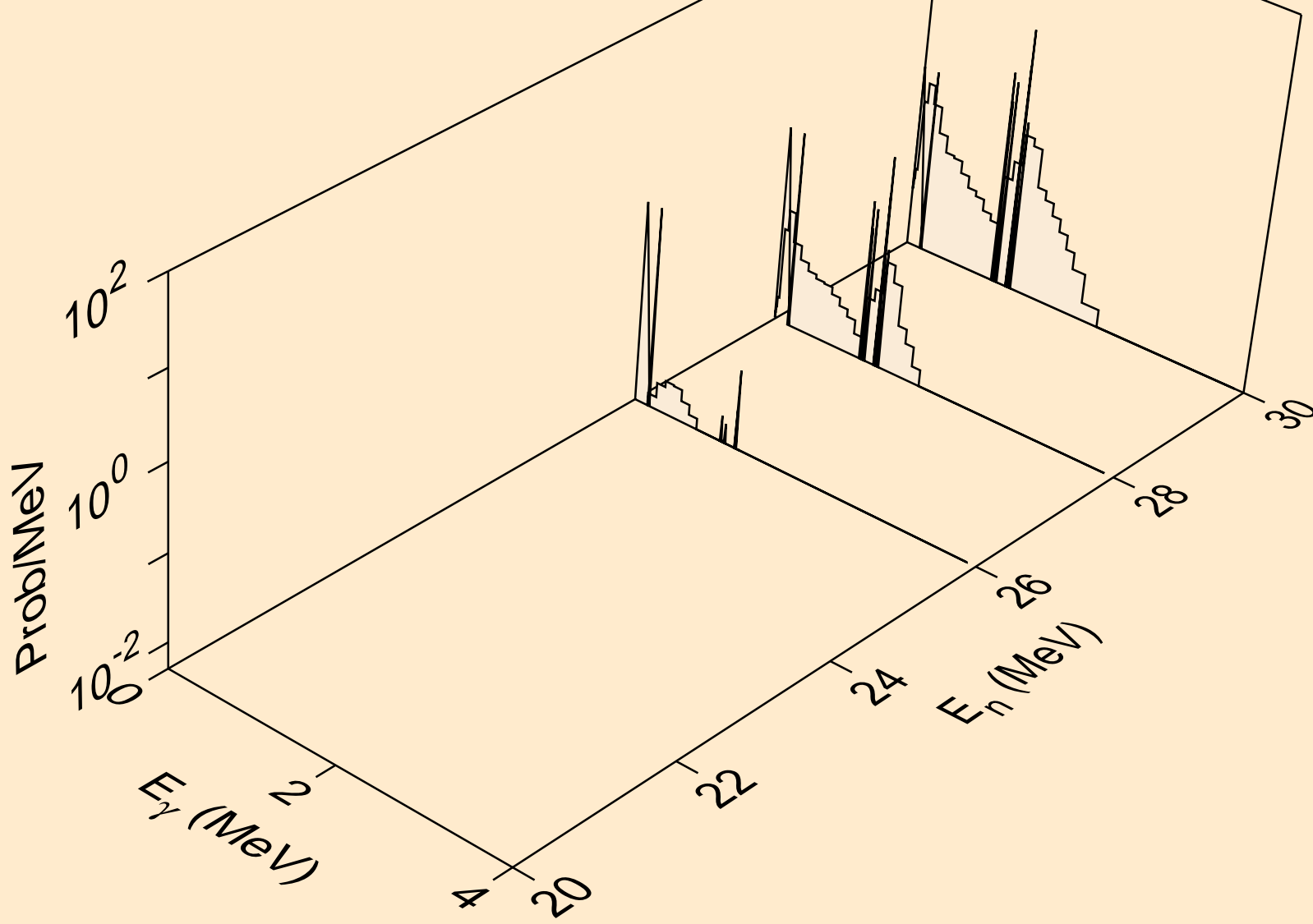


LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

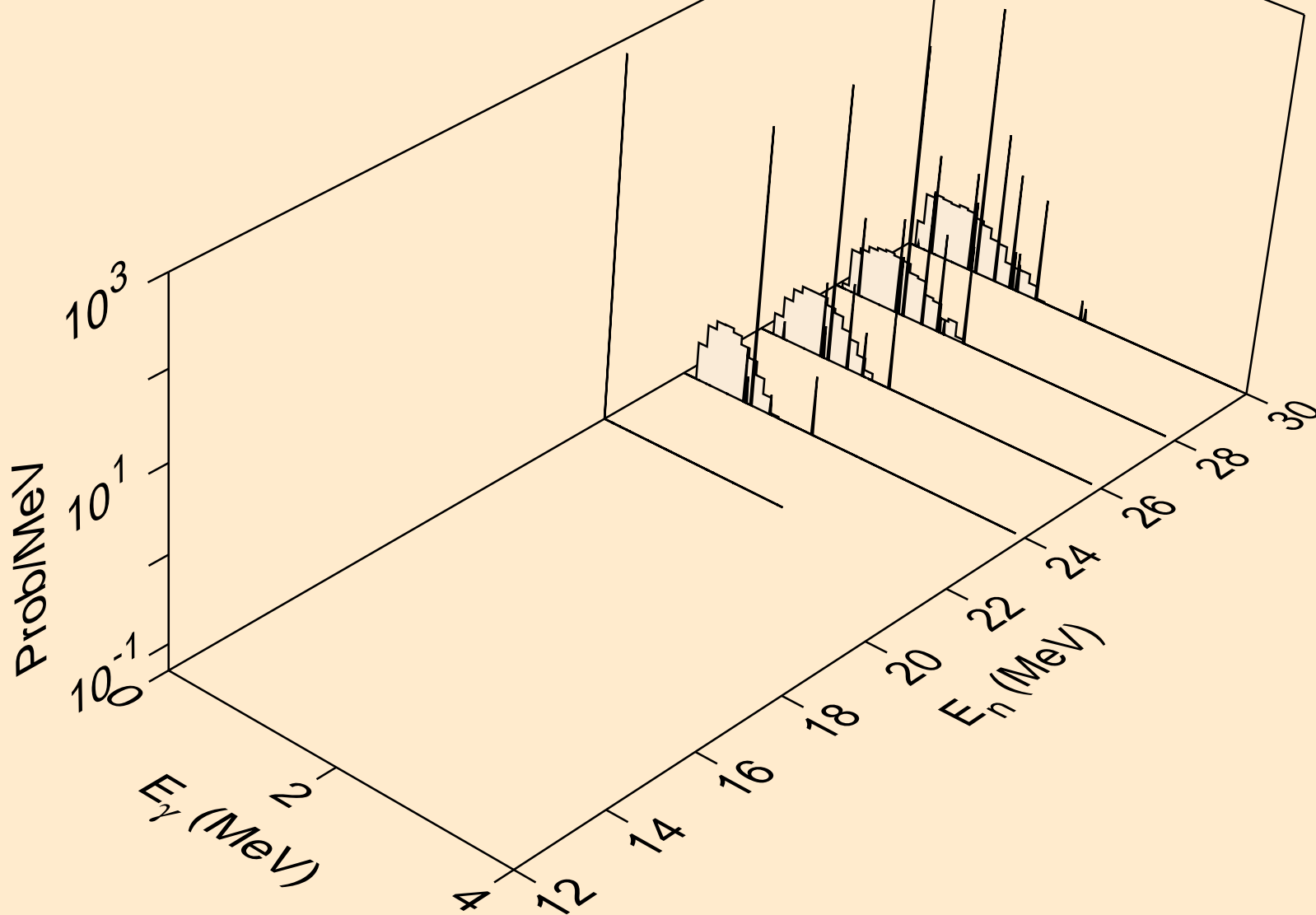




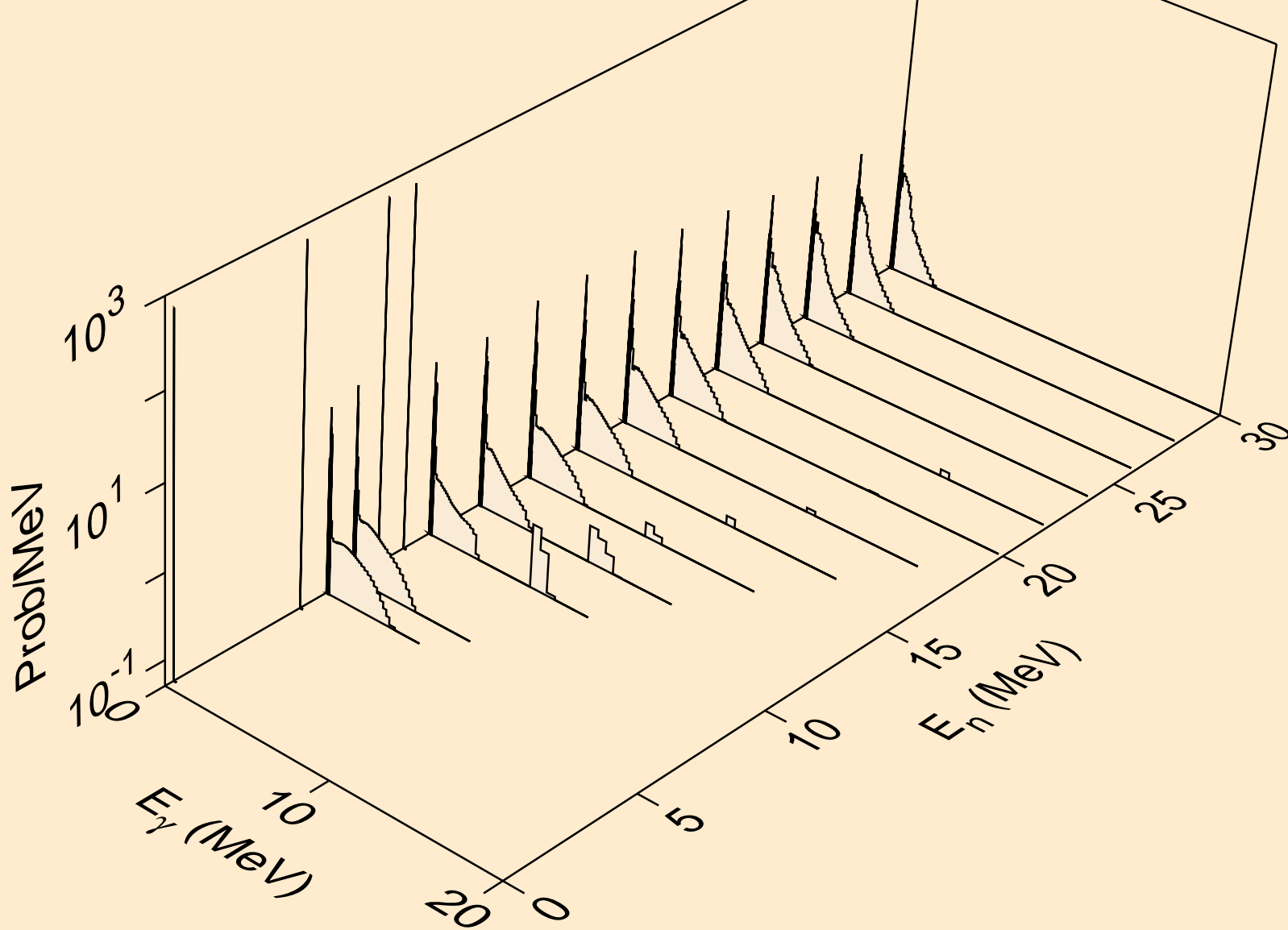
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



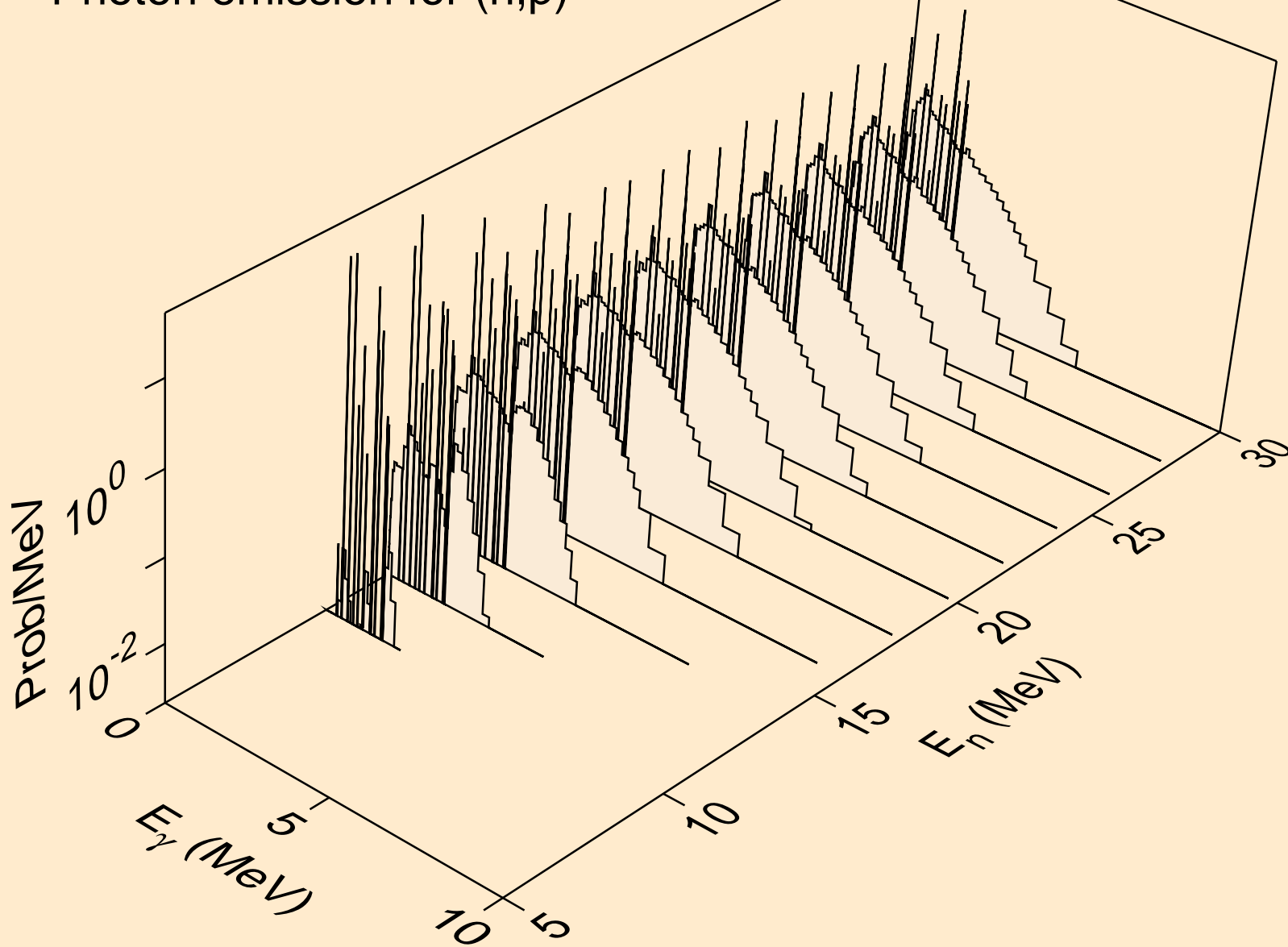
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



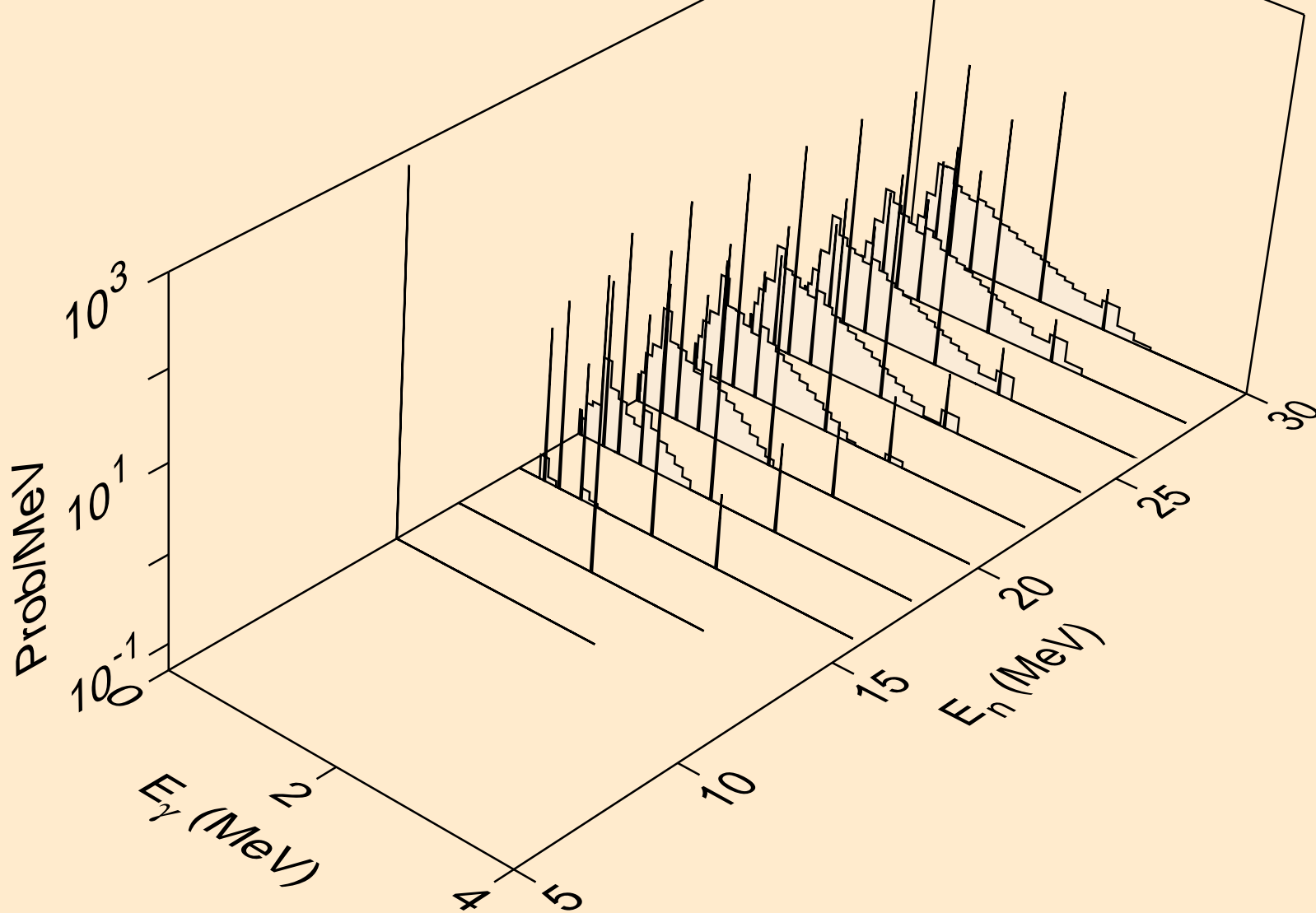
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



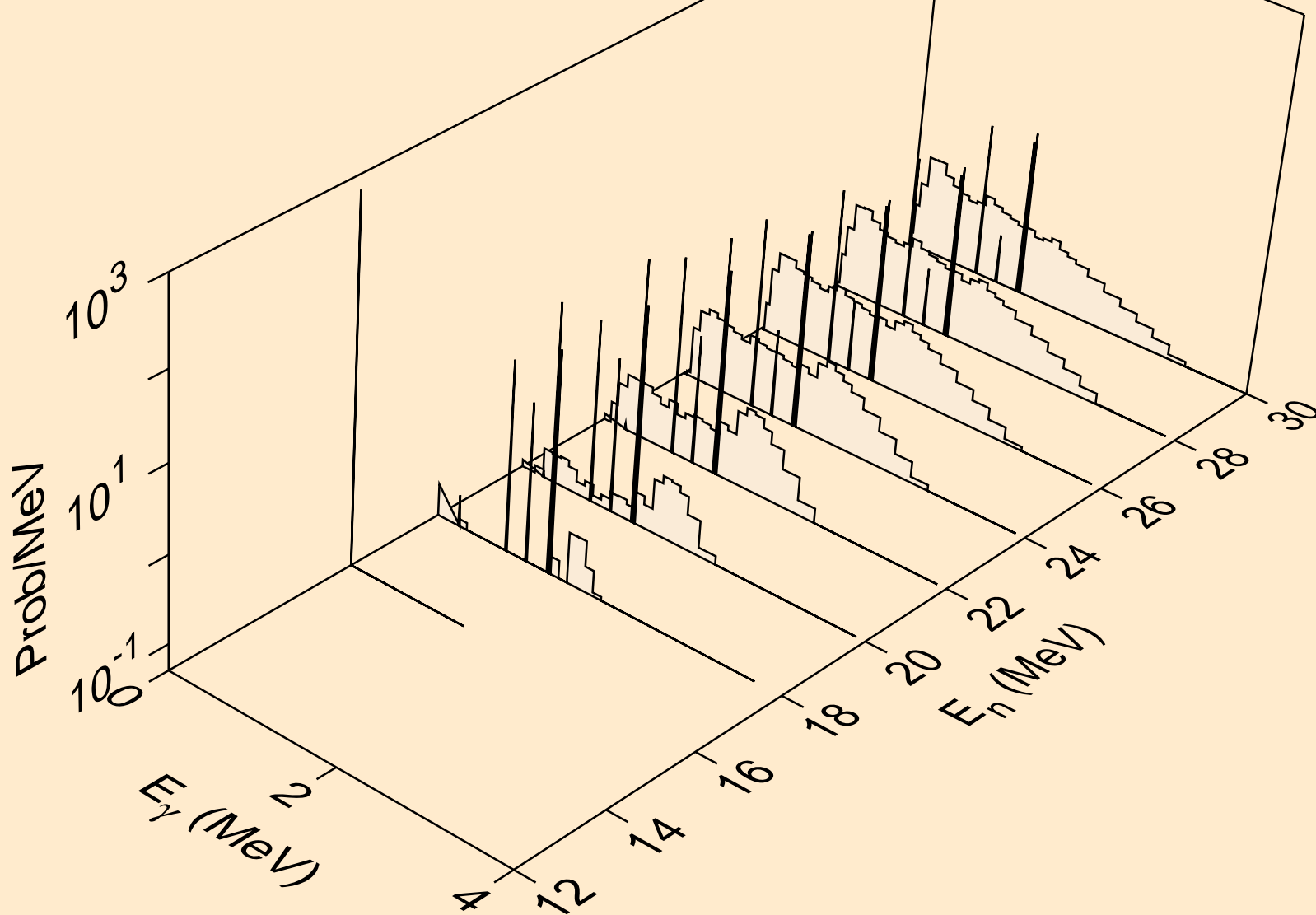
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



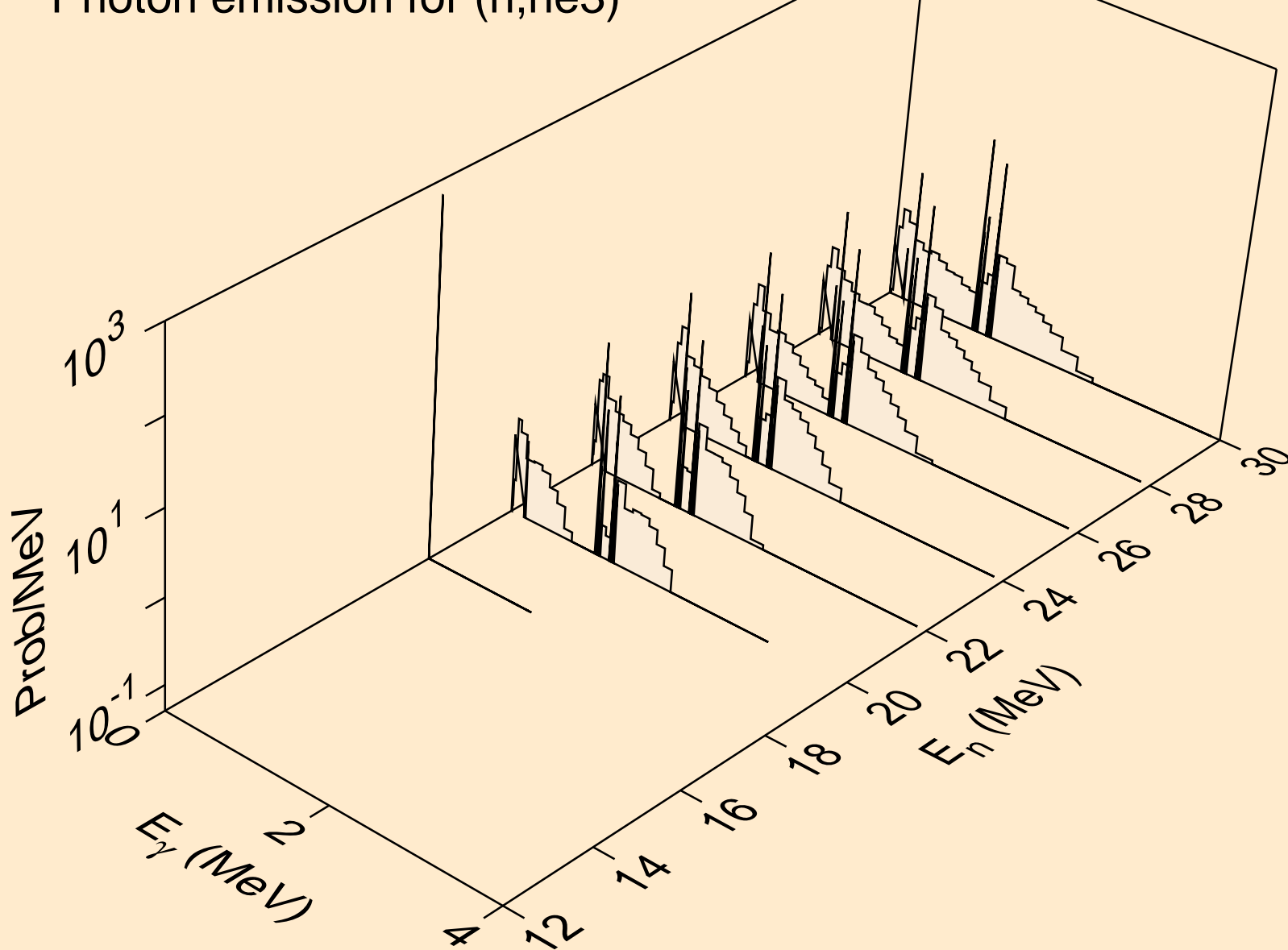
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



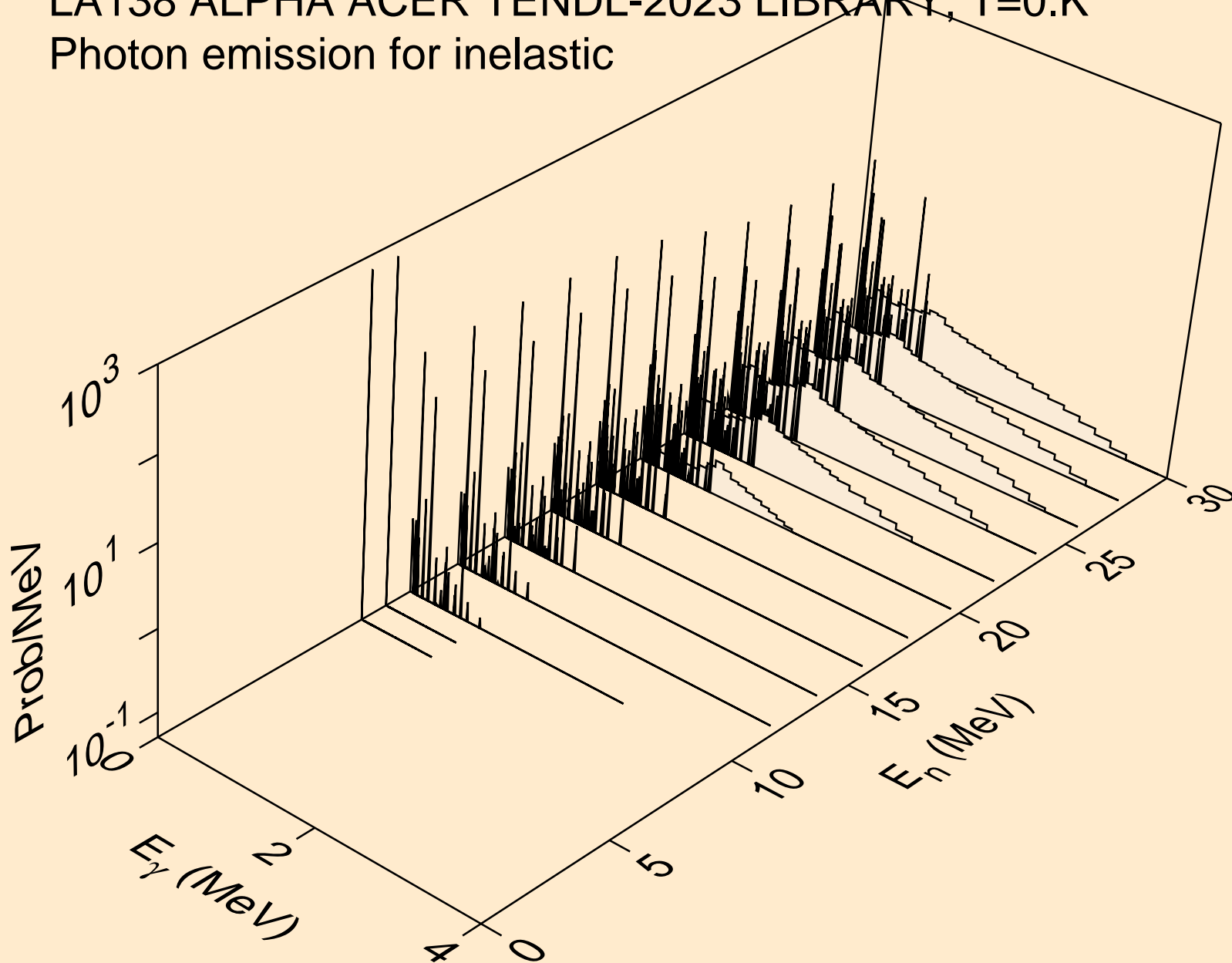
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

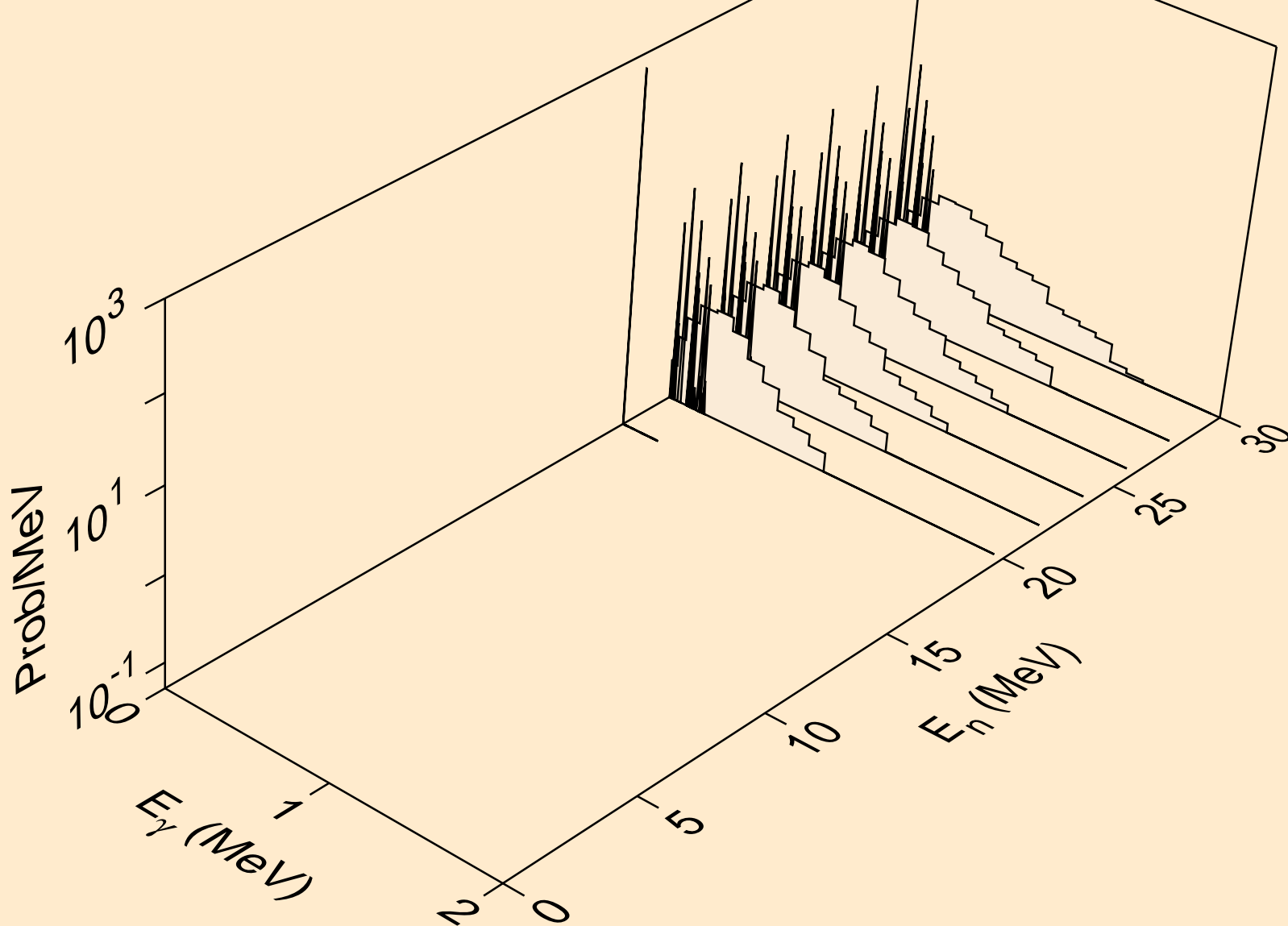


LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

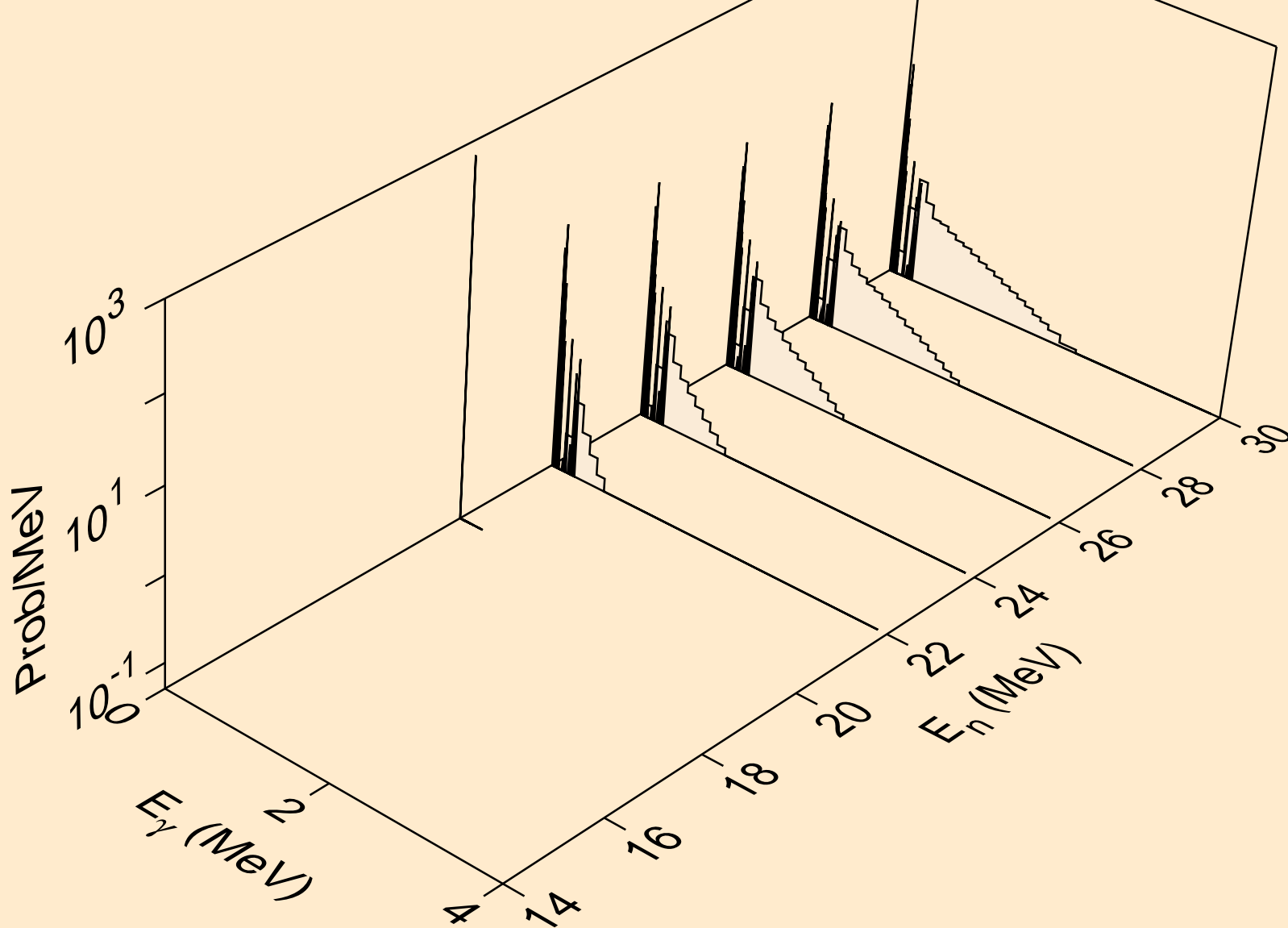




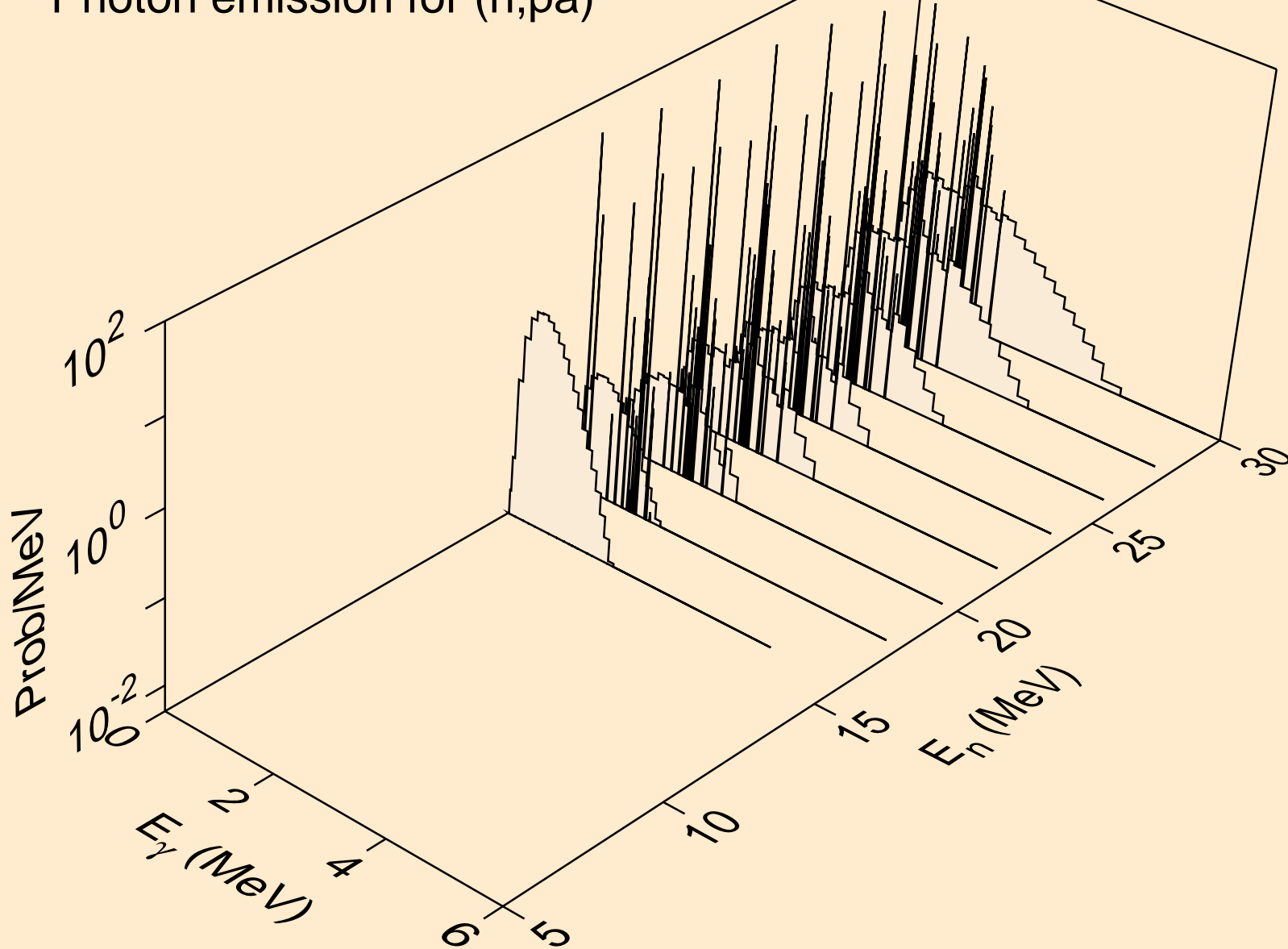
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Photon emission for (n,2a)



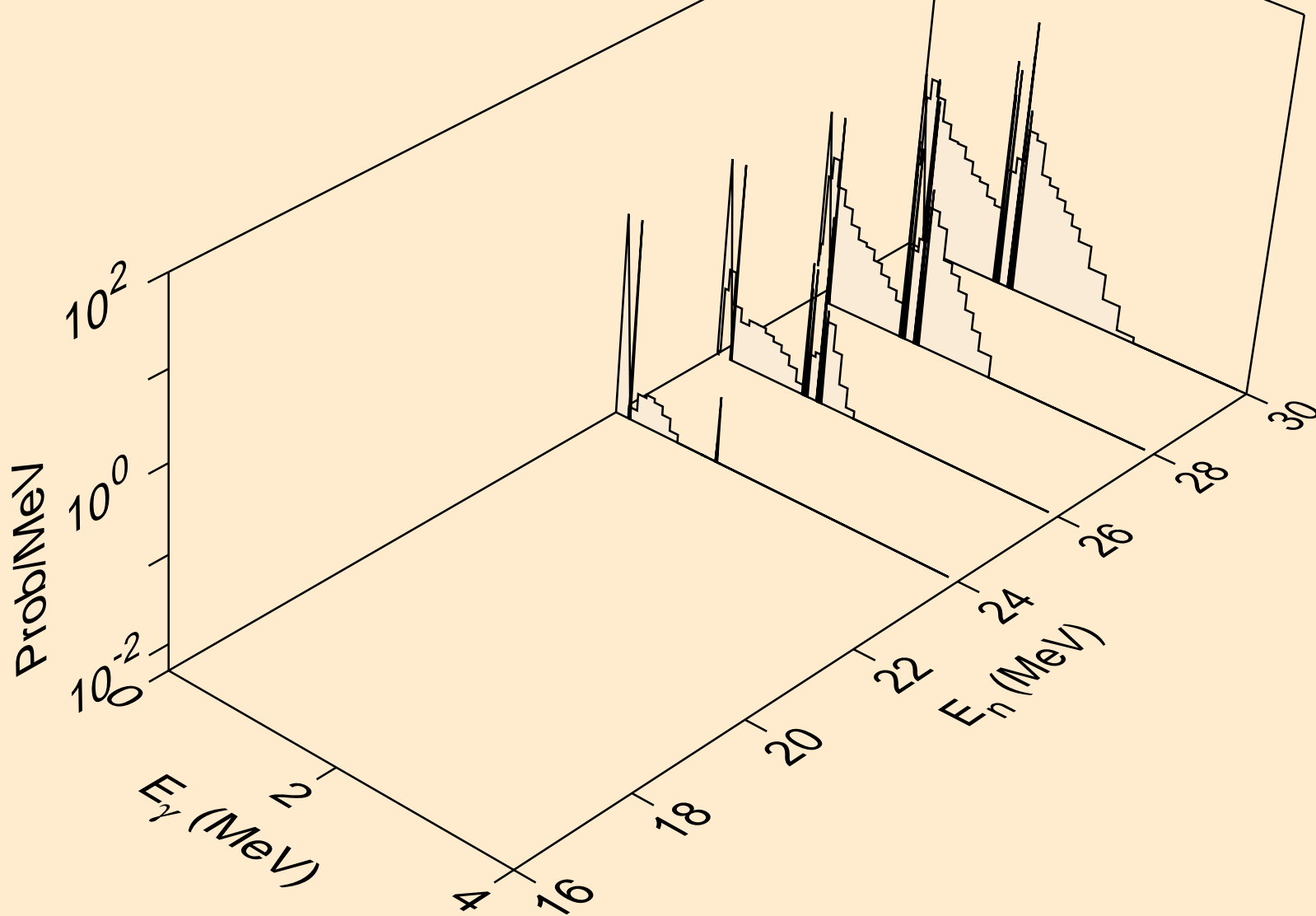
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



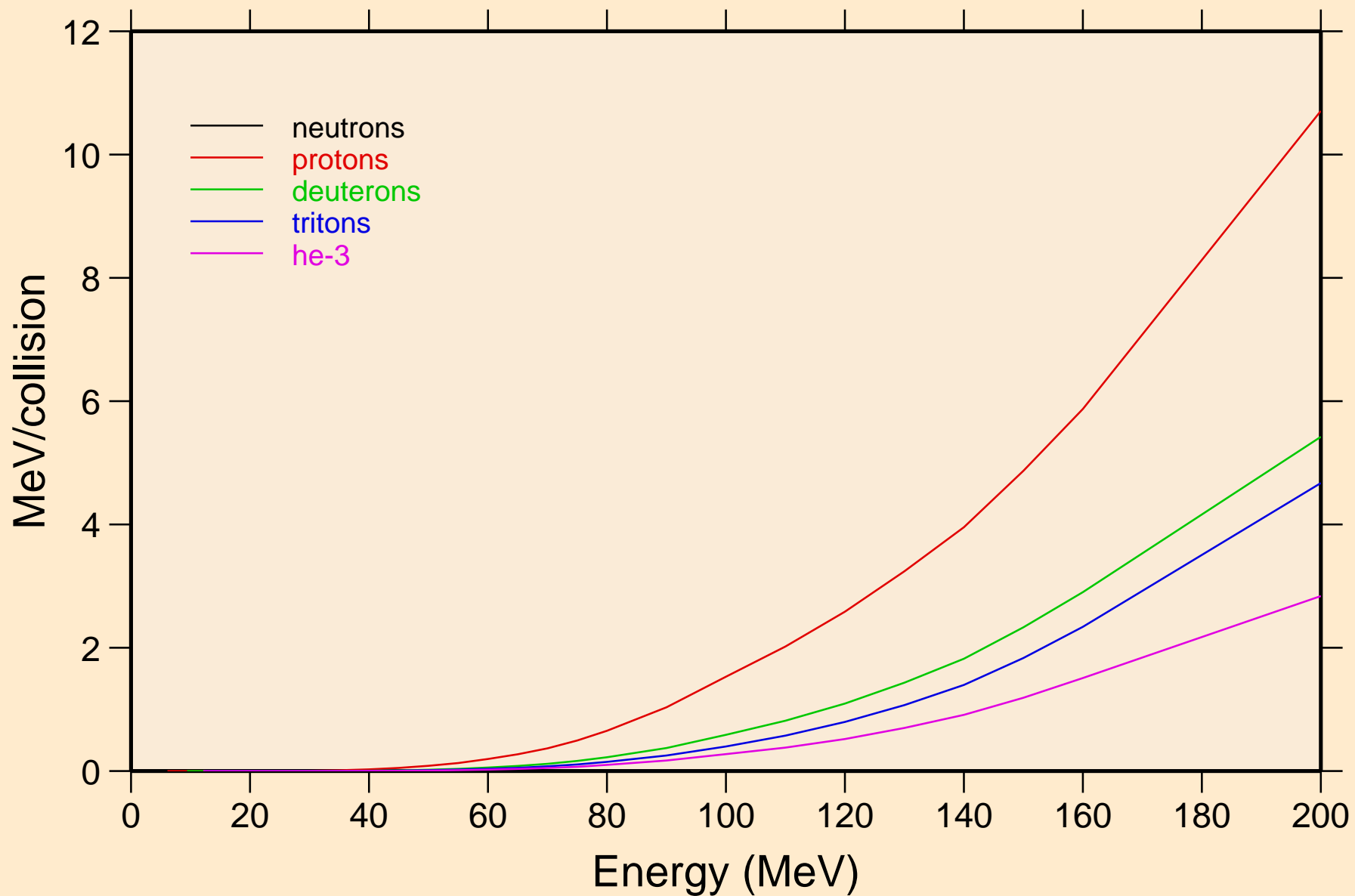
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Photon emission for (n,pa)



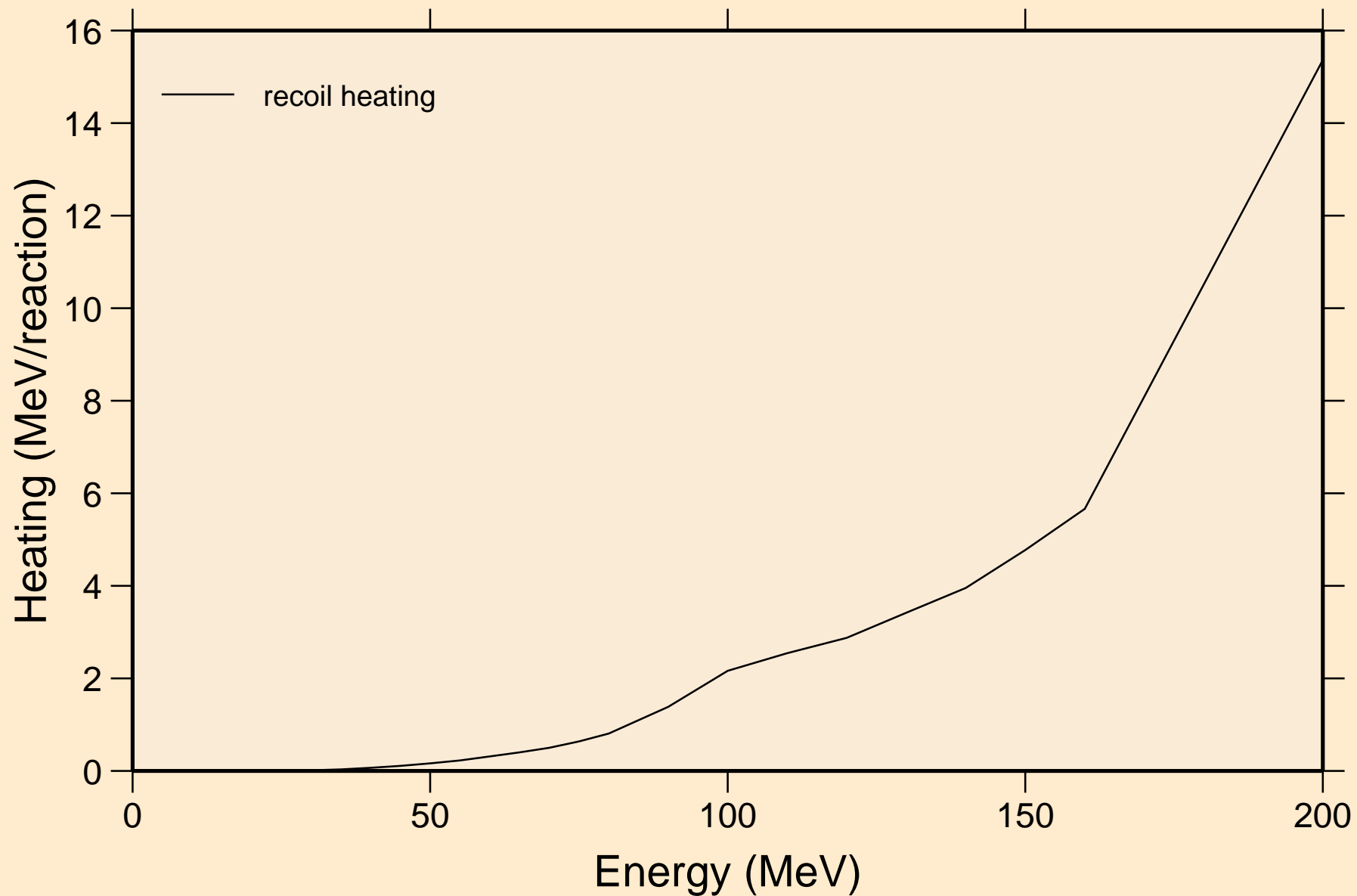
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

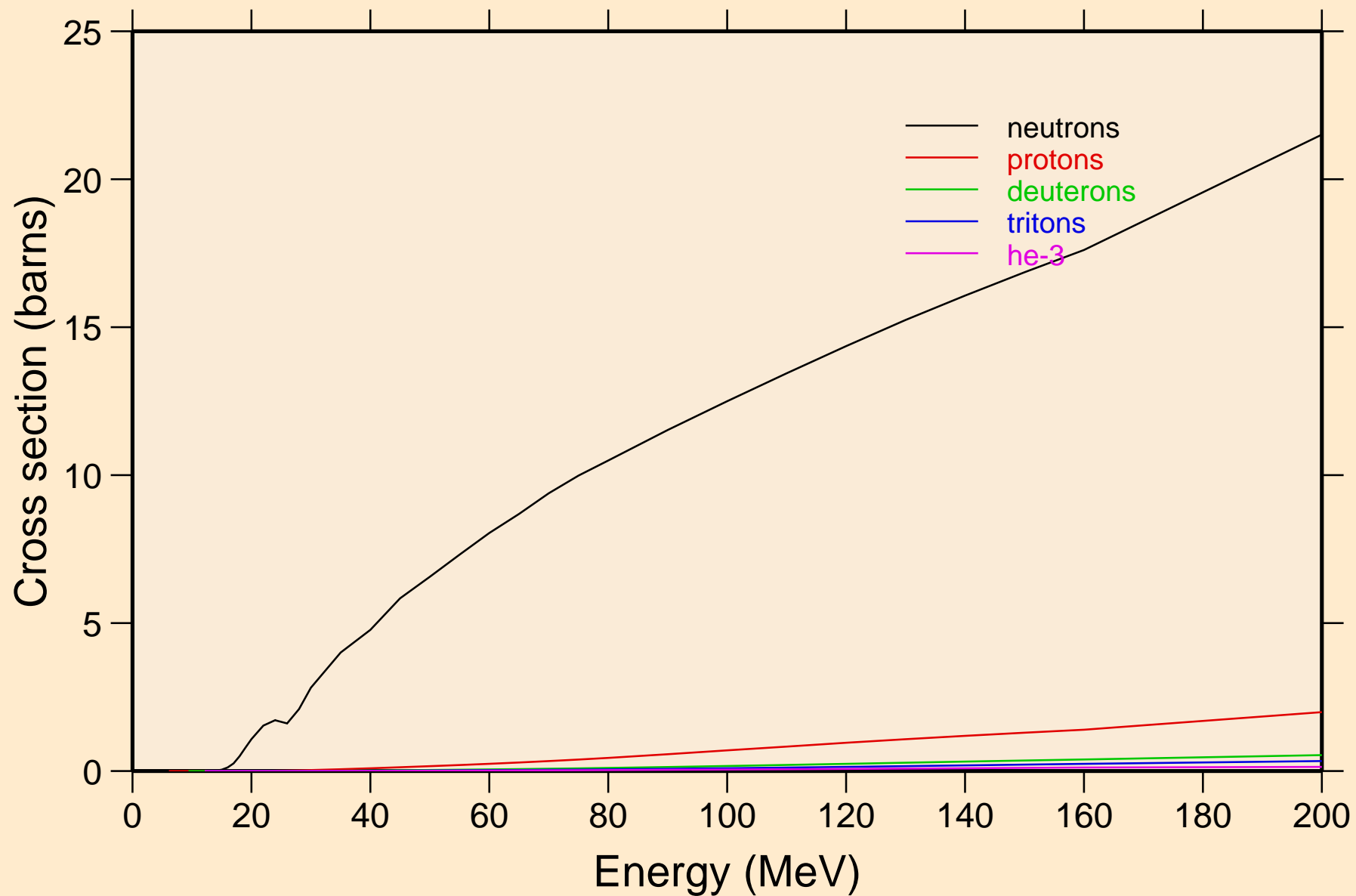


LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

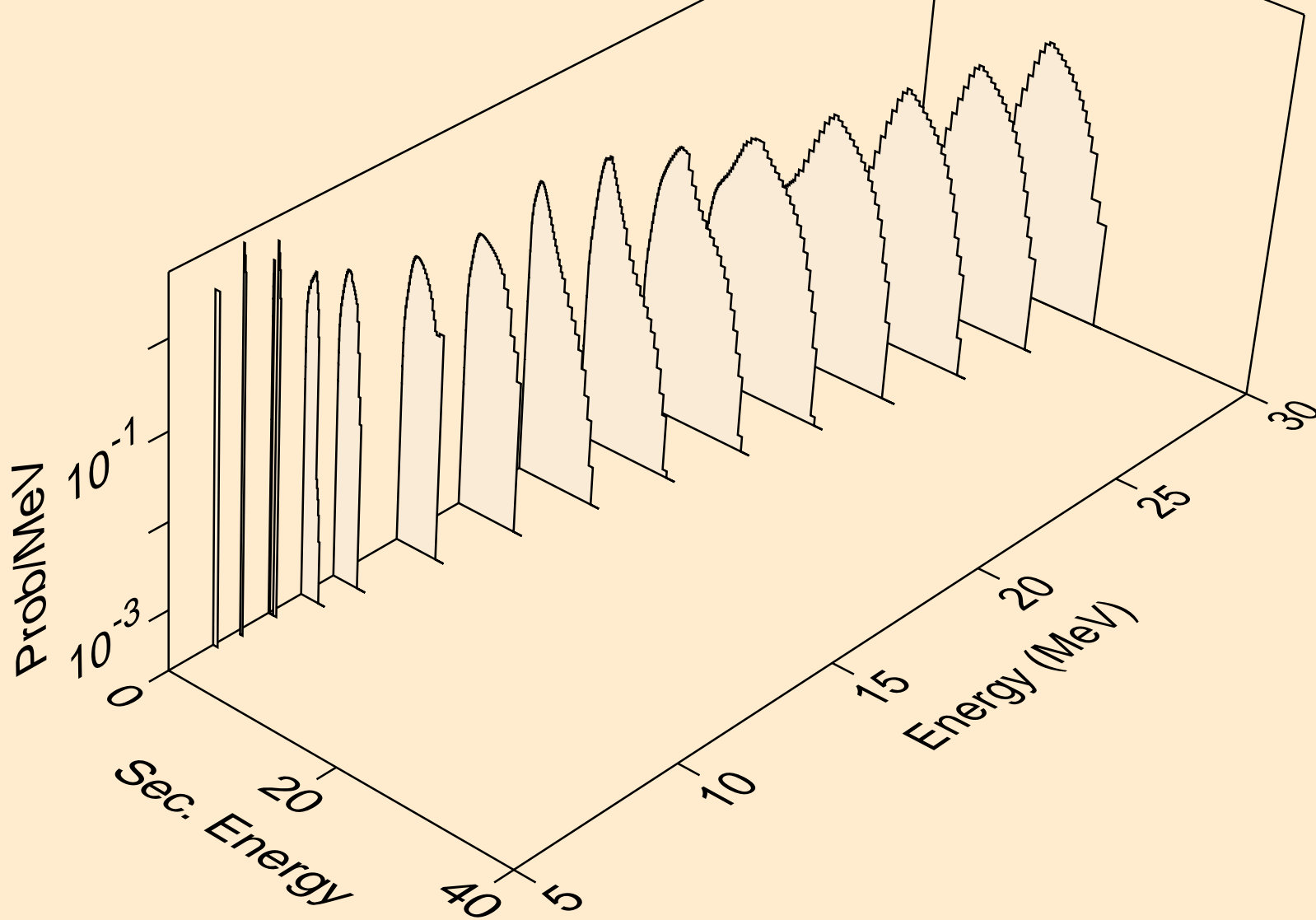


# LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

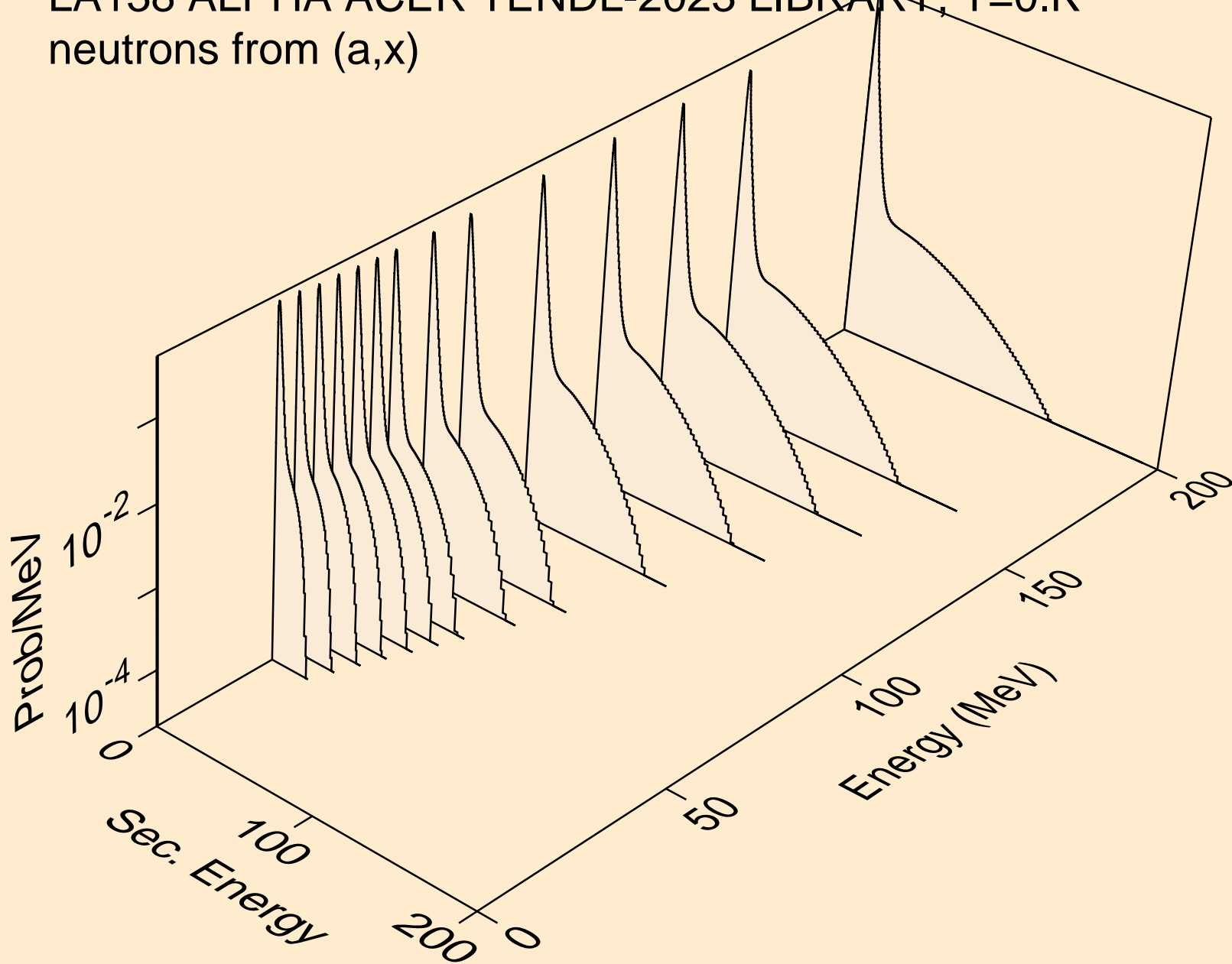


LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

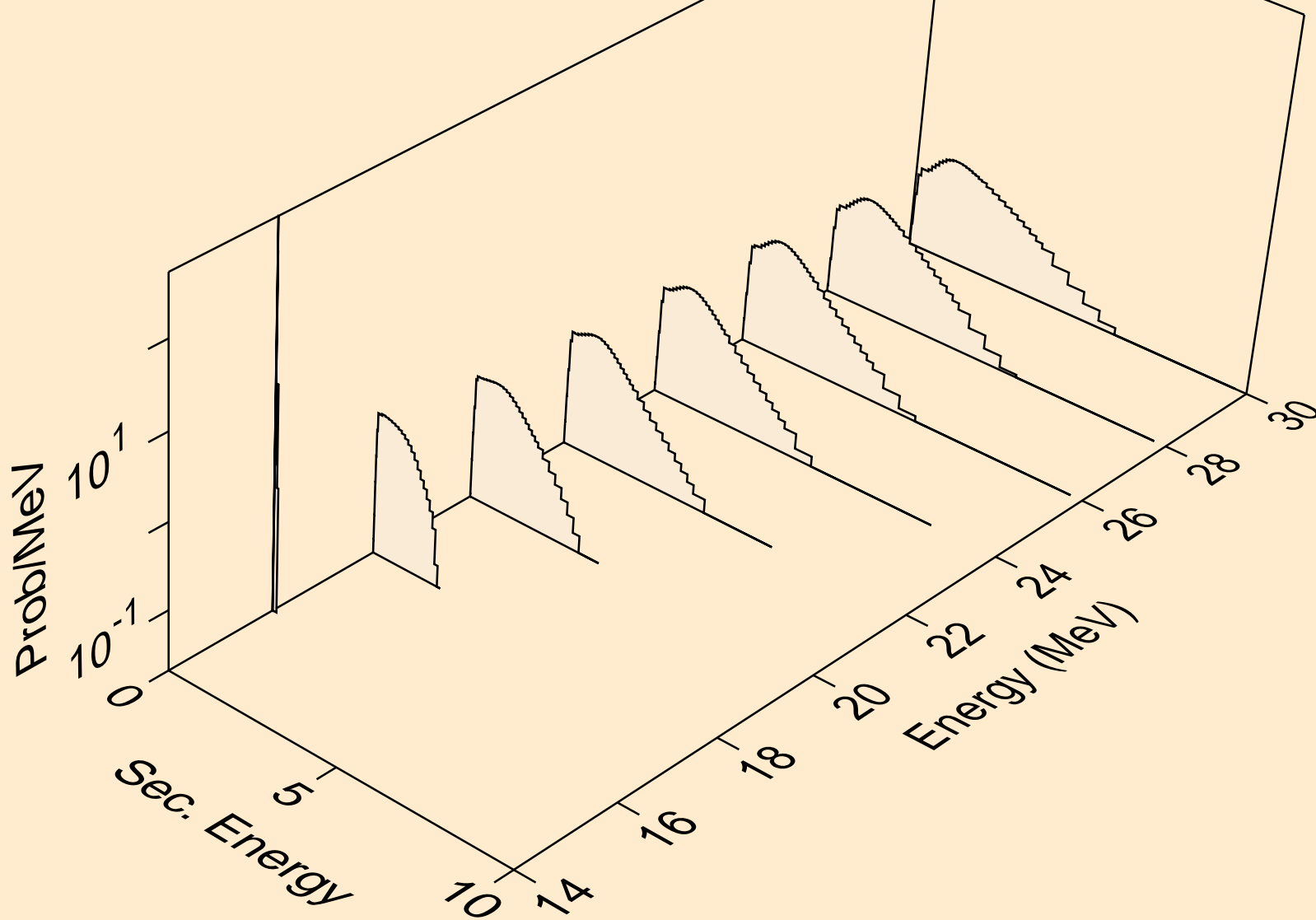




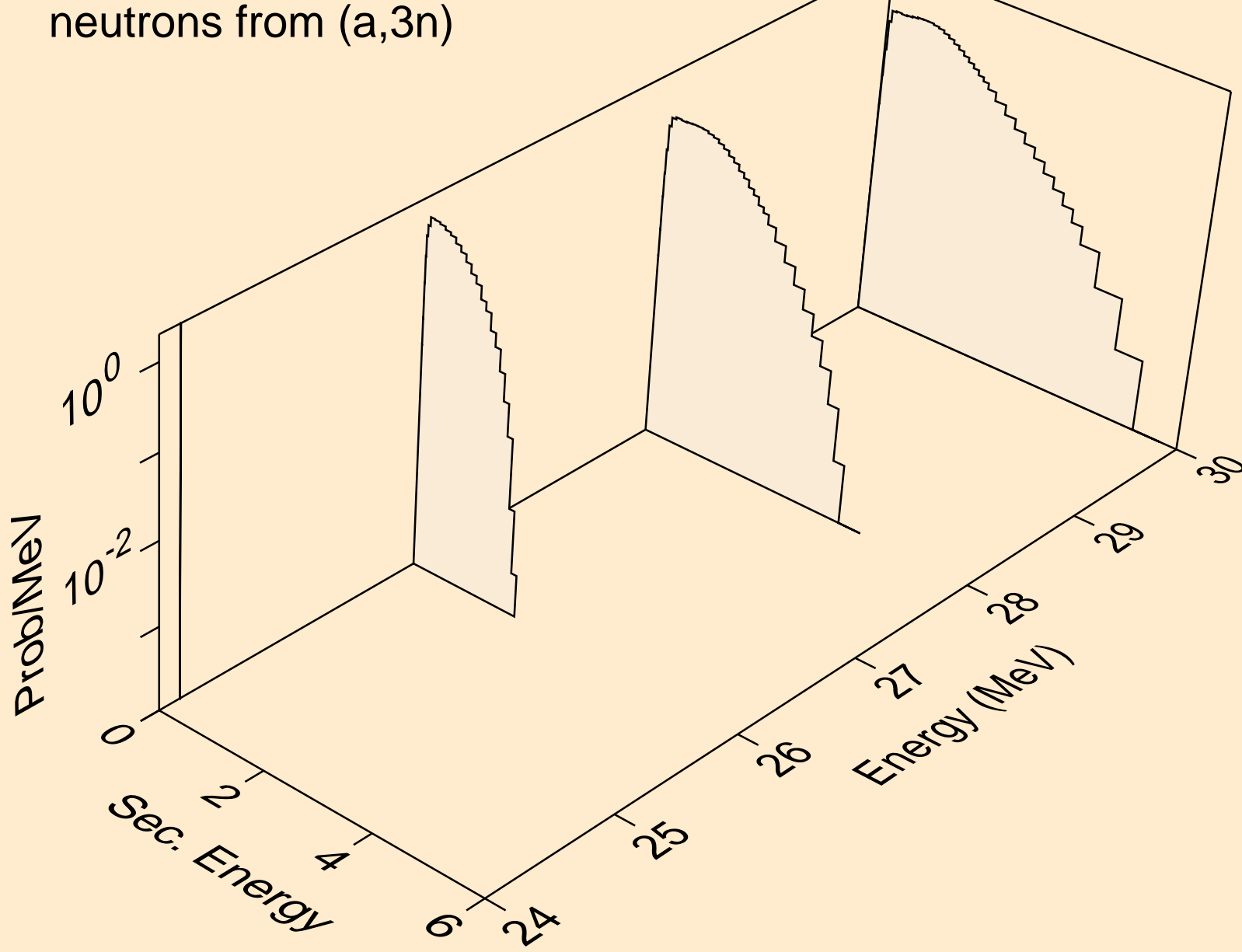
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



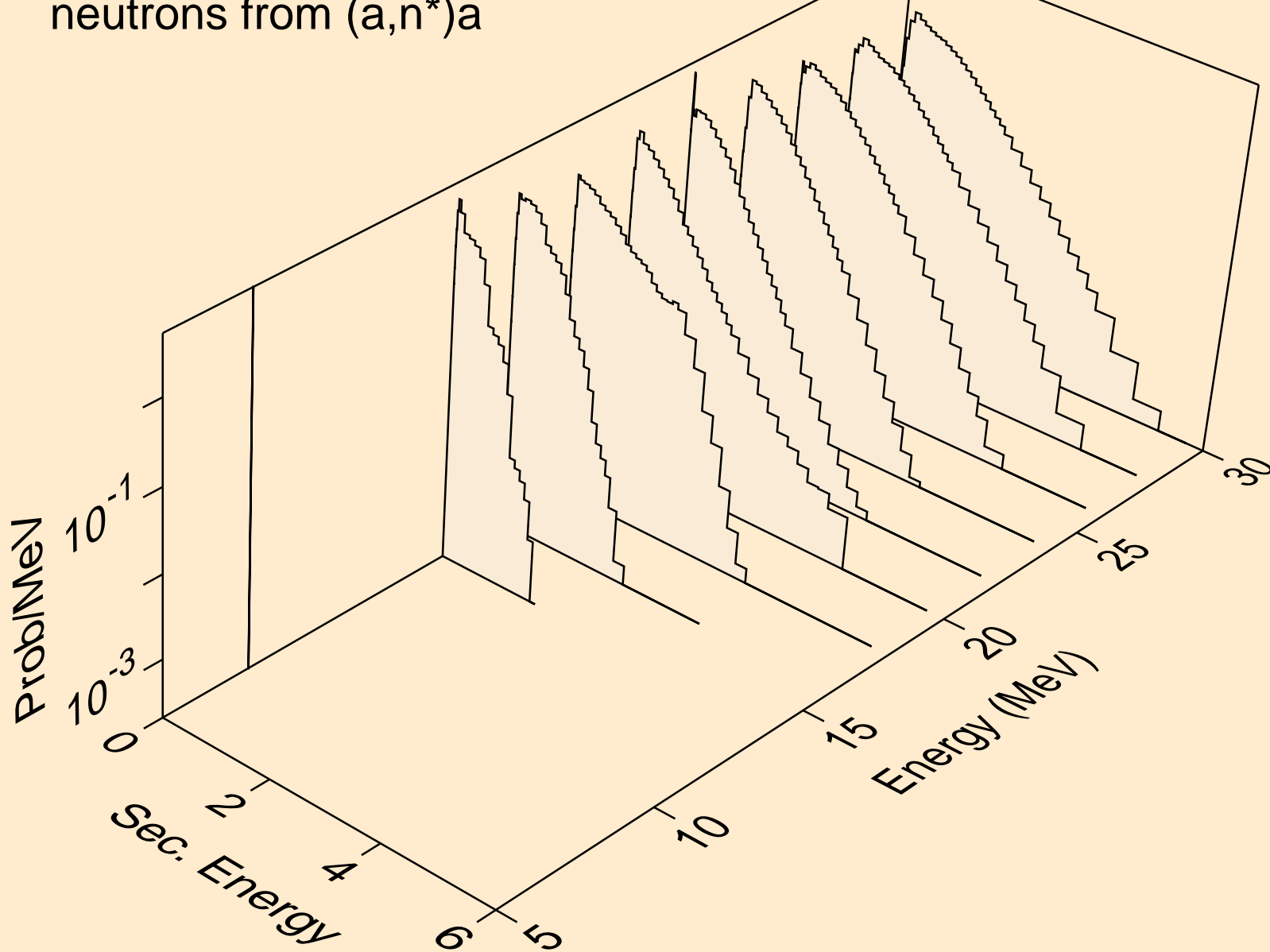
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



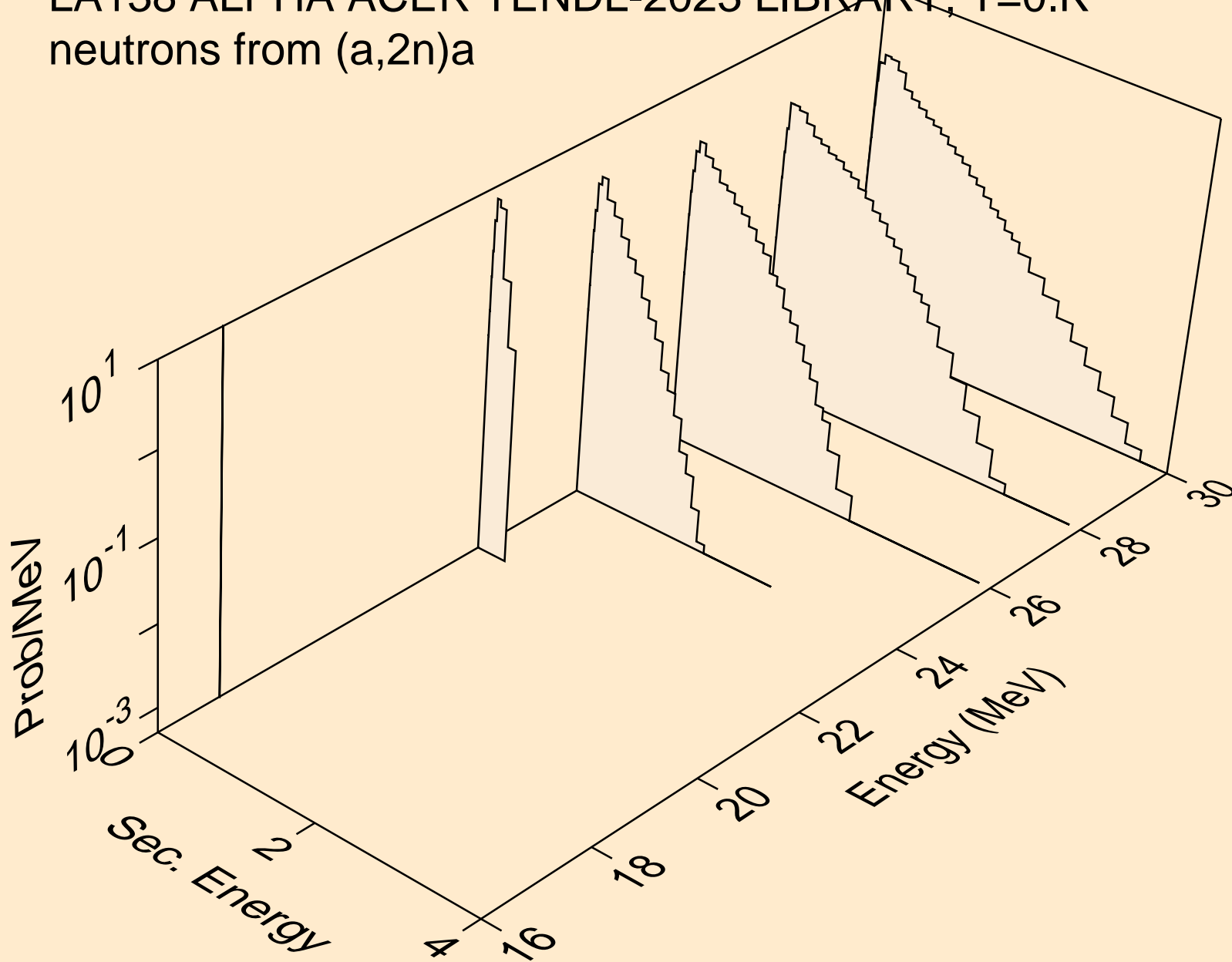
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



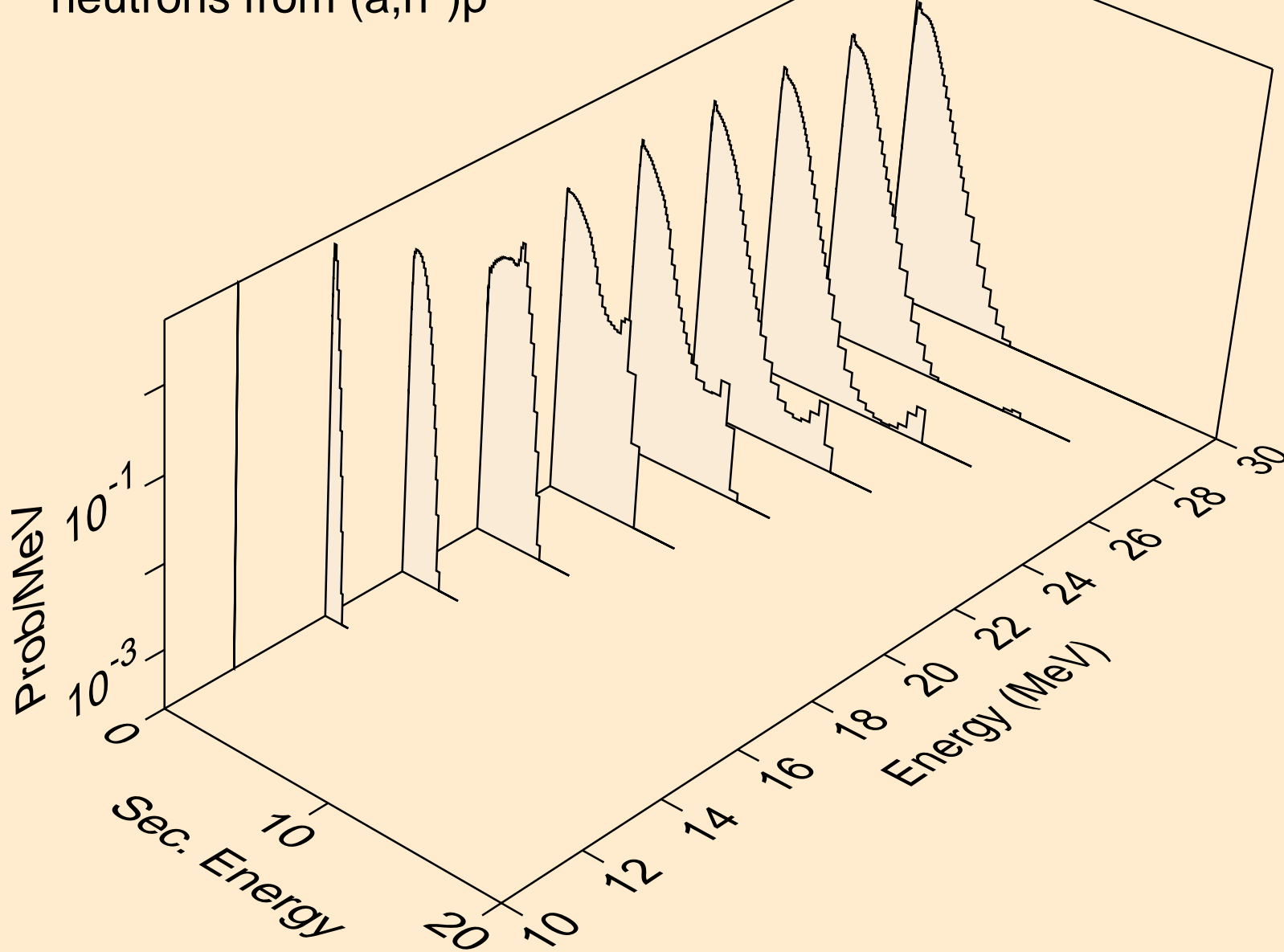
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



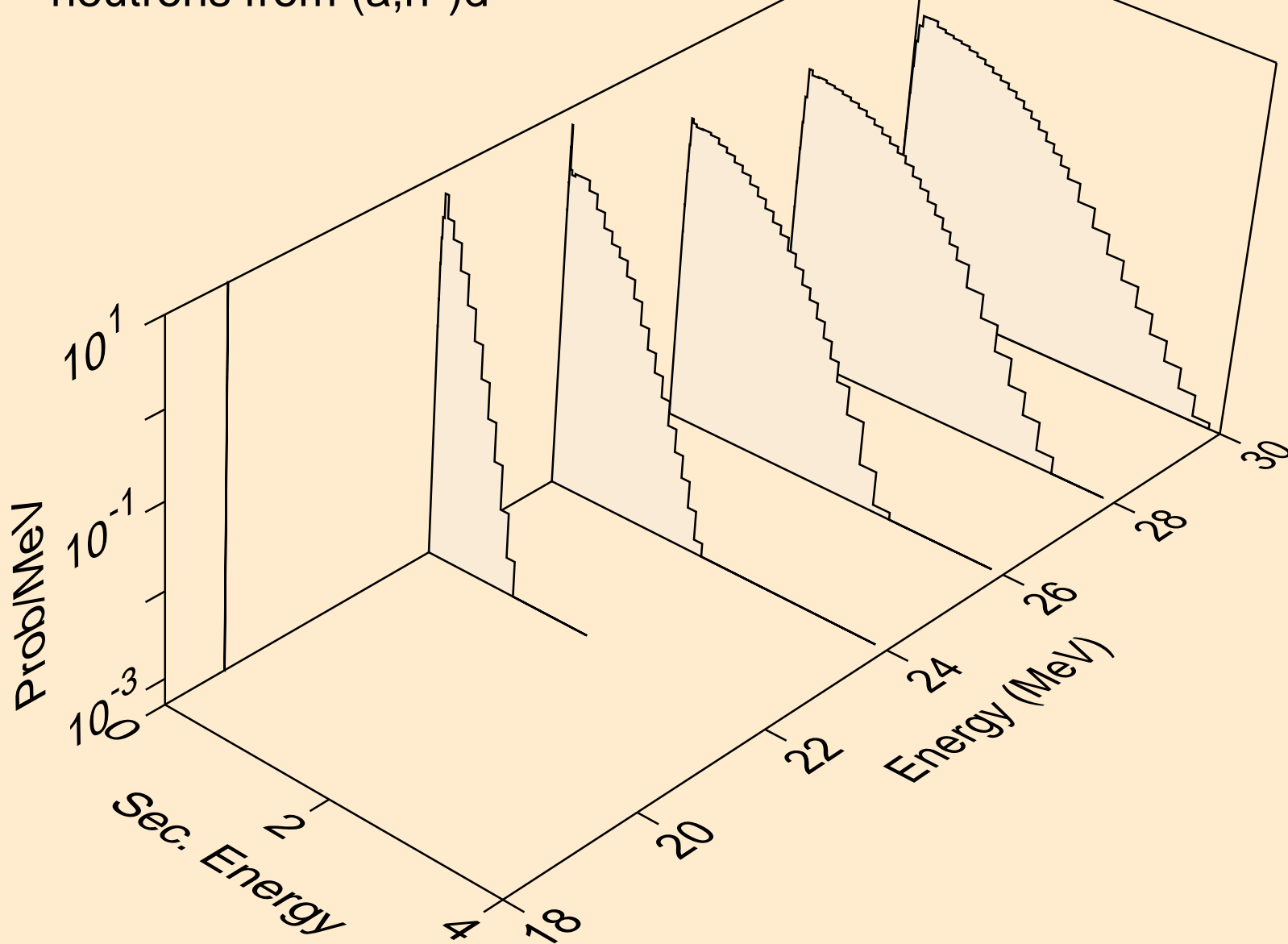
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



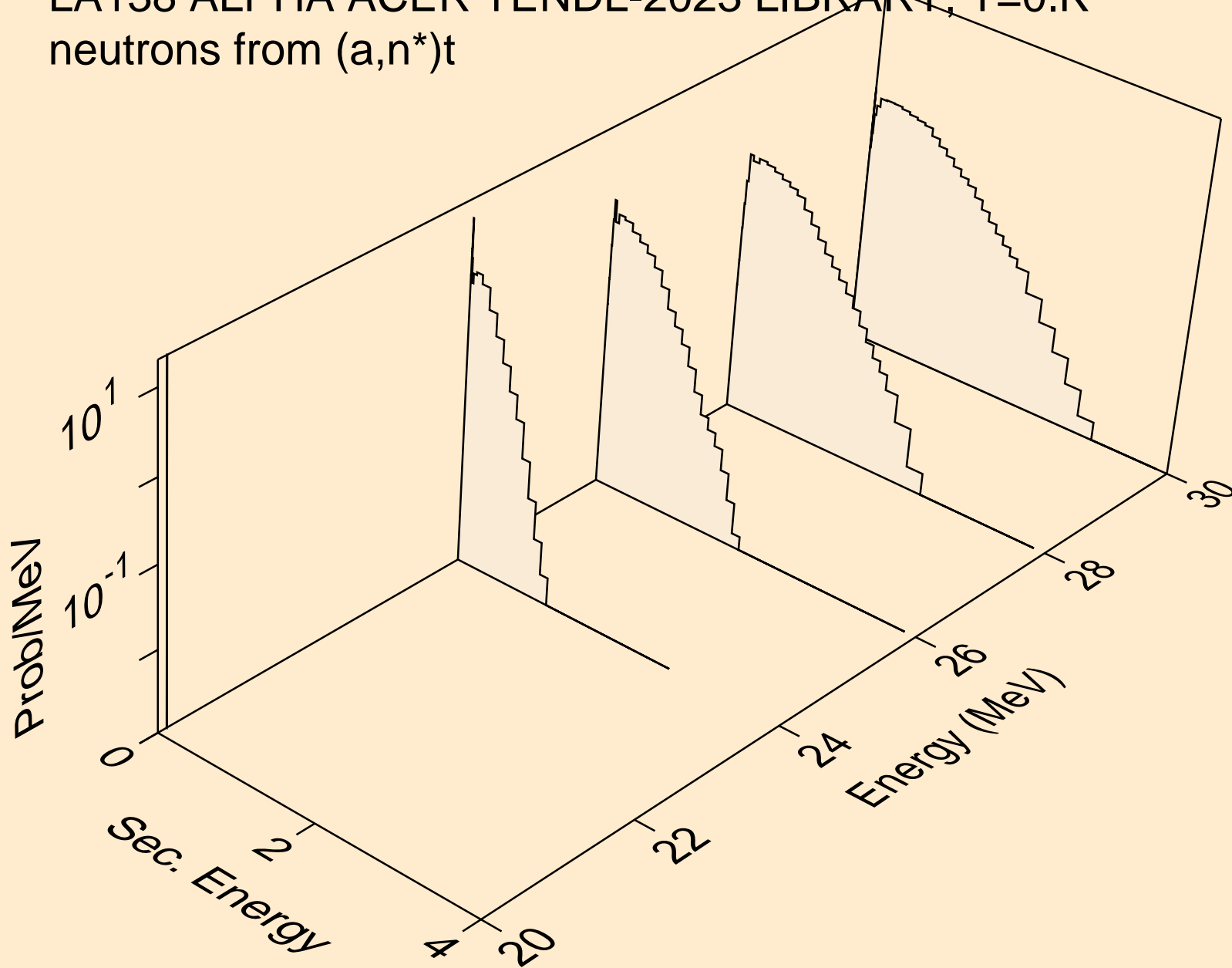
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d

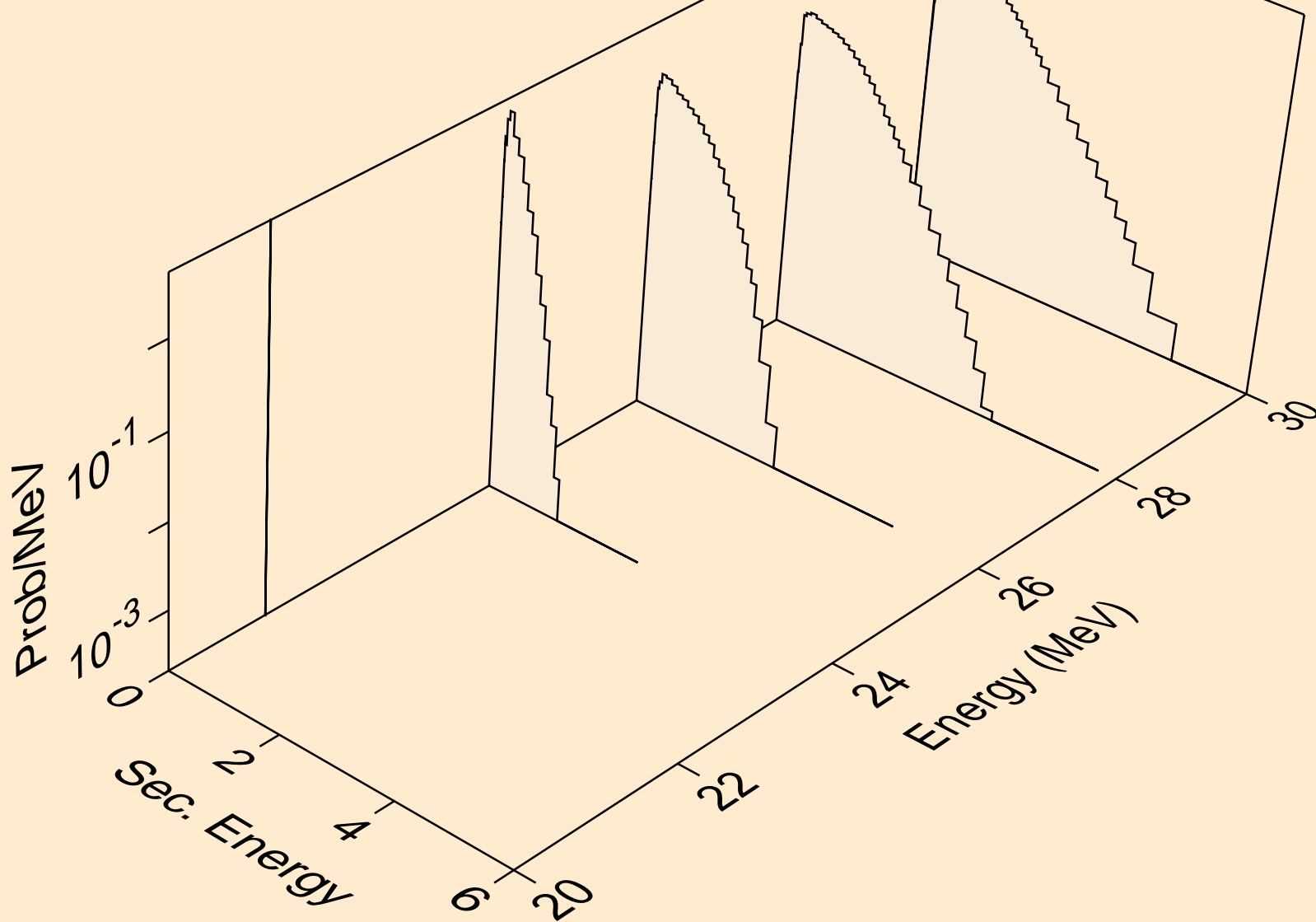


LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t

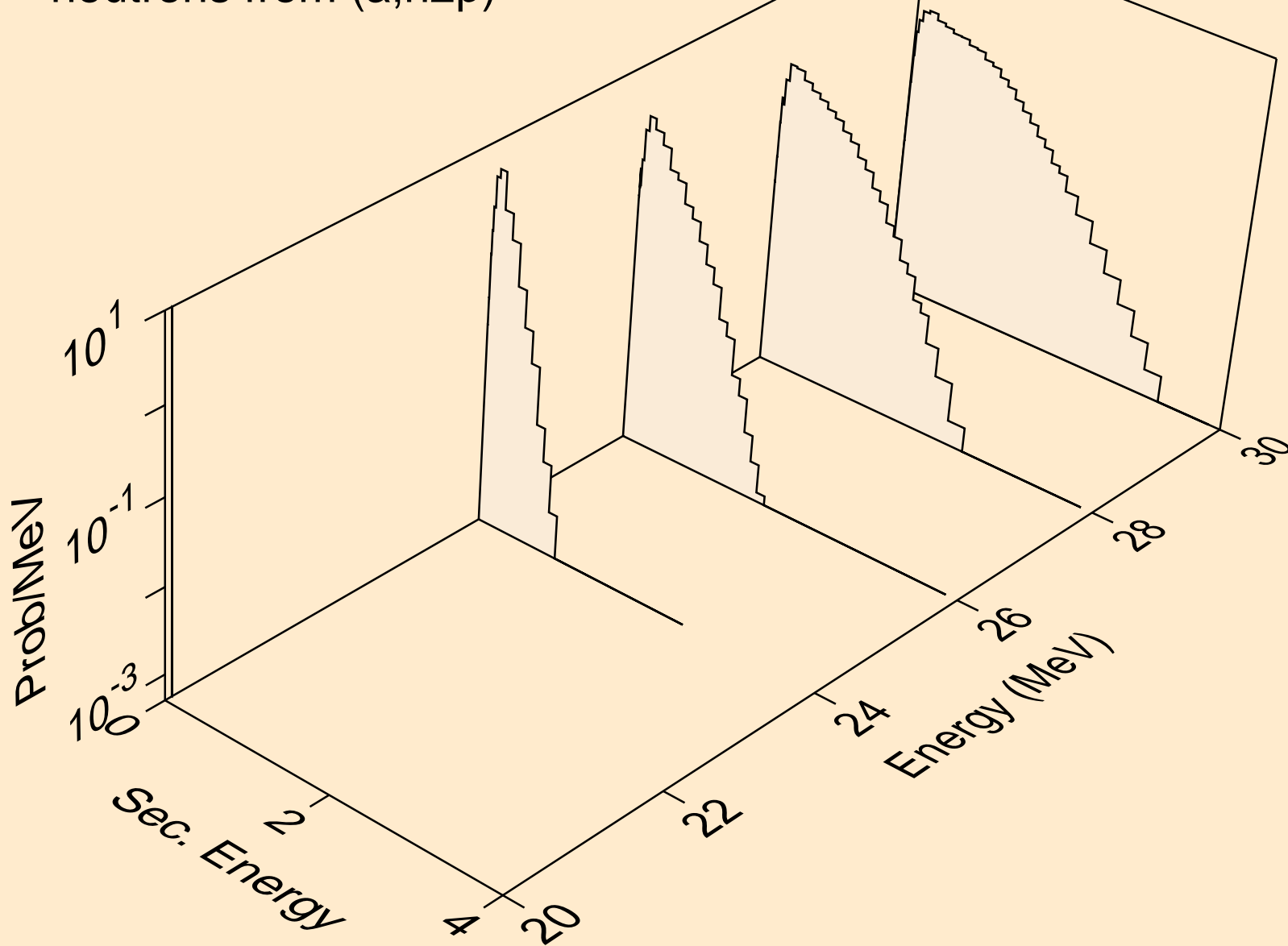




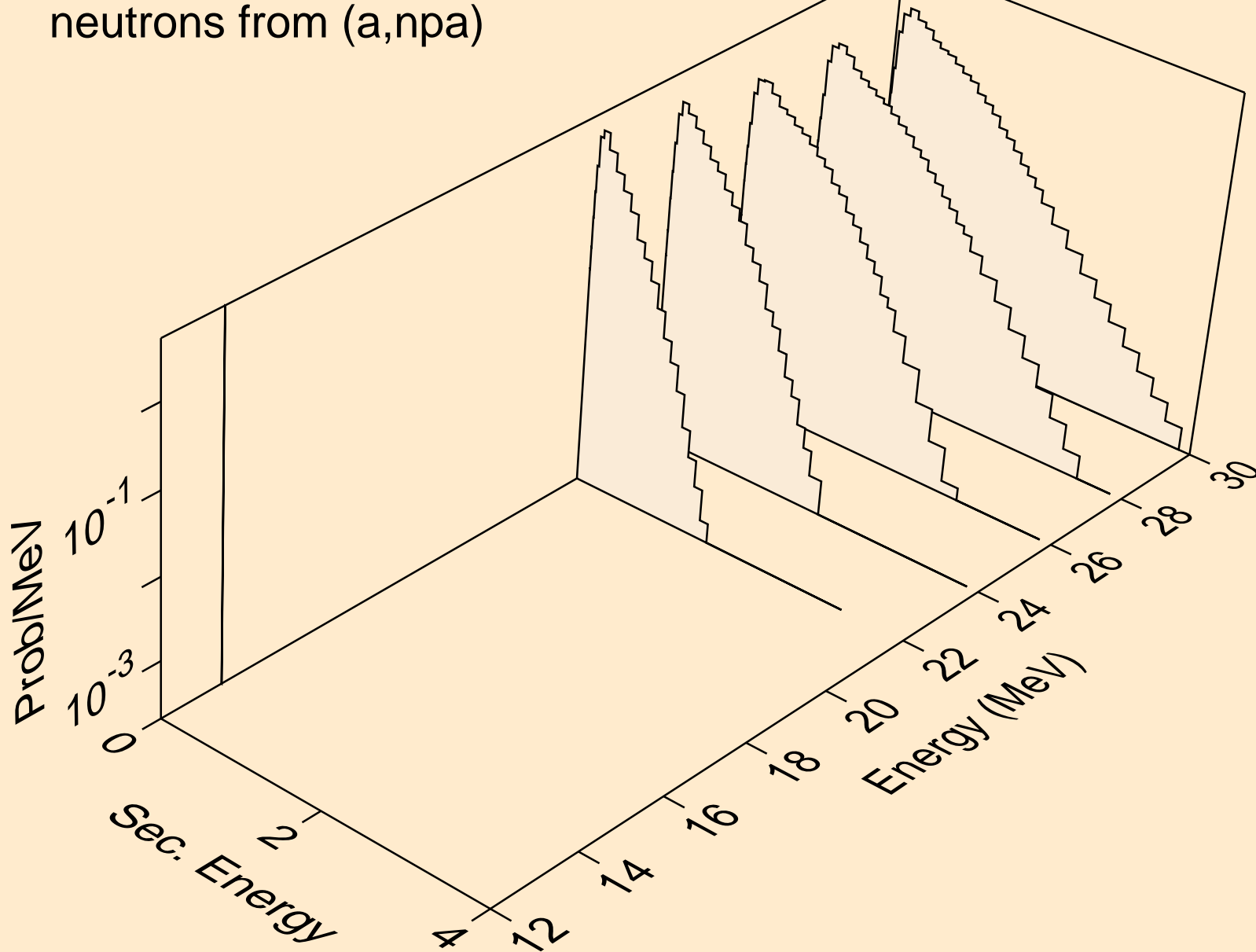
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neutrons from (a,2np)



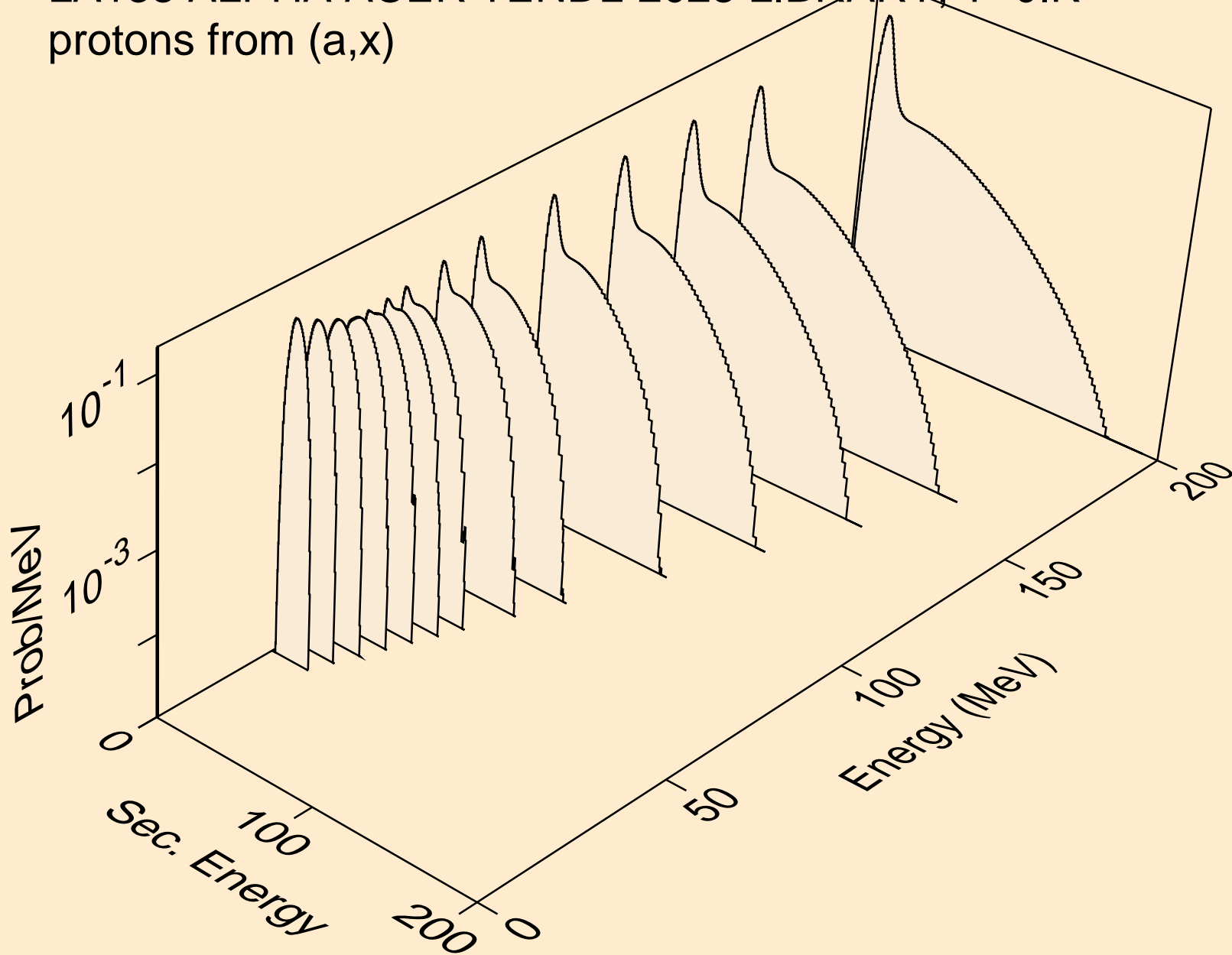
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neutrons from (a,n2p)



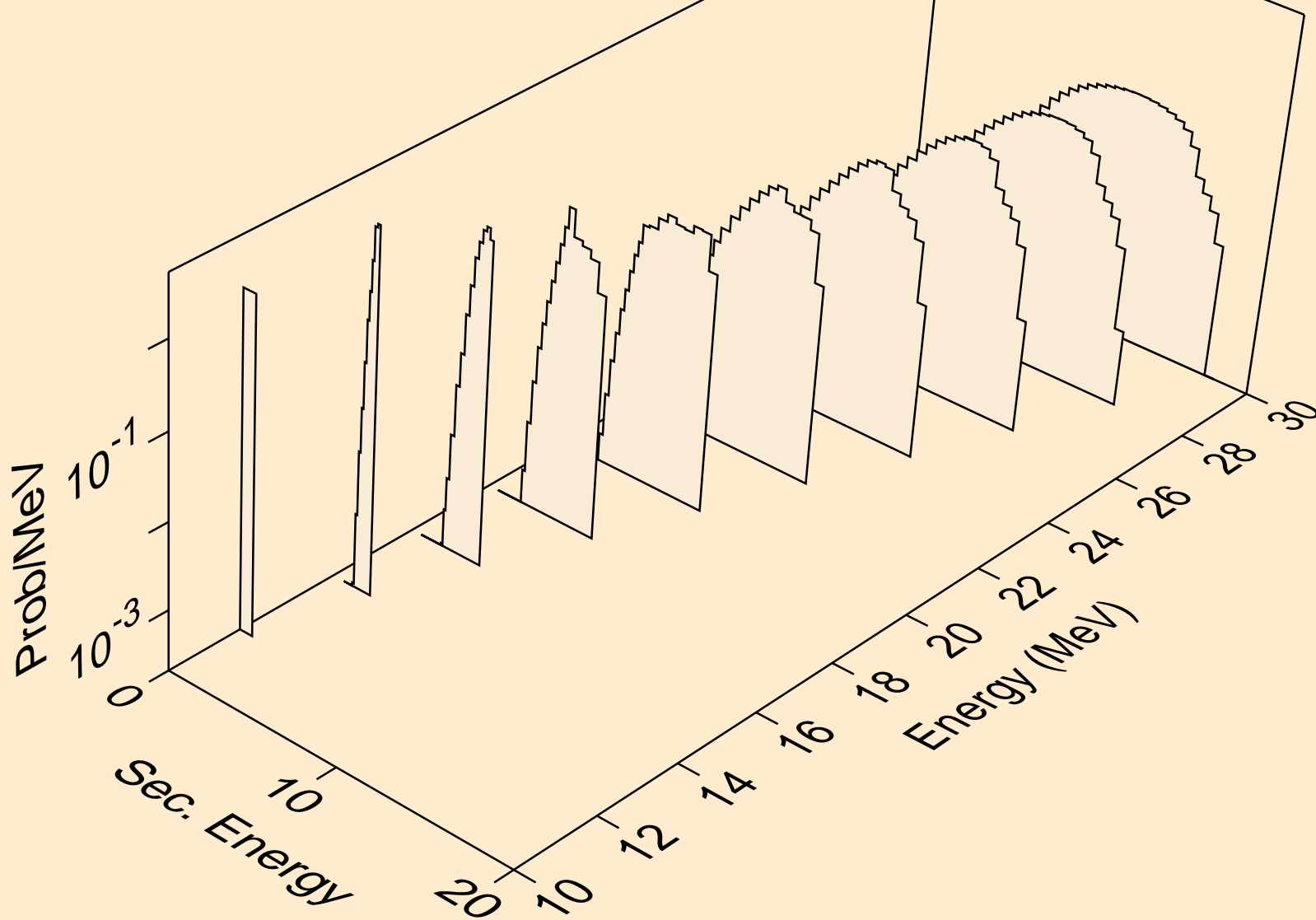
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



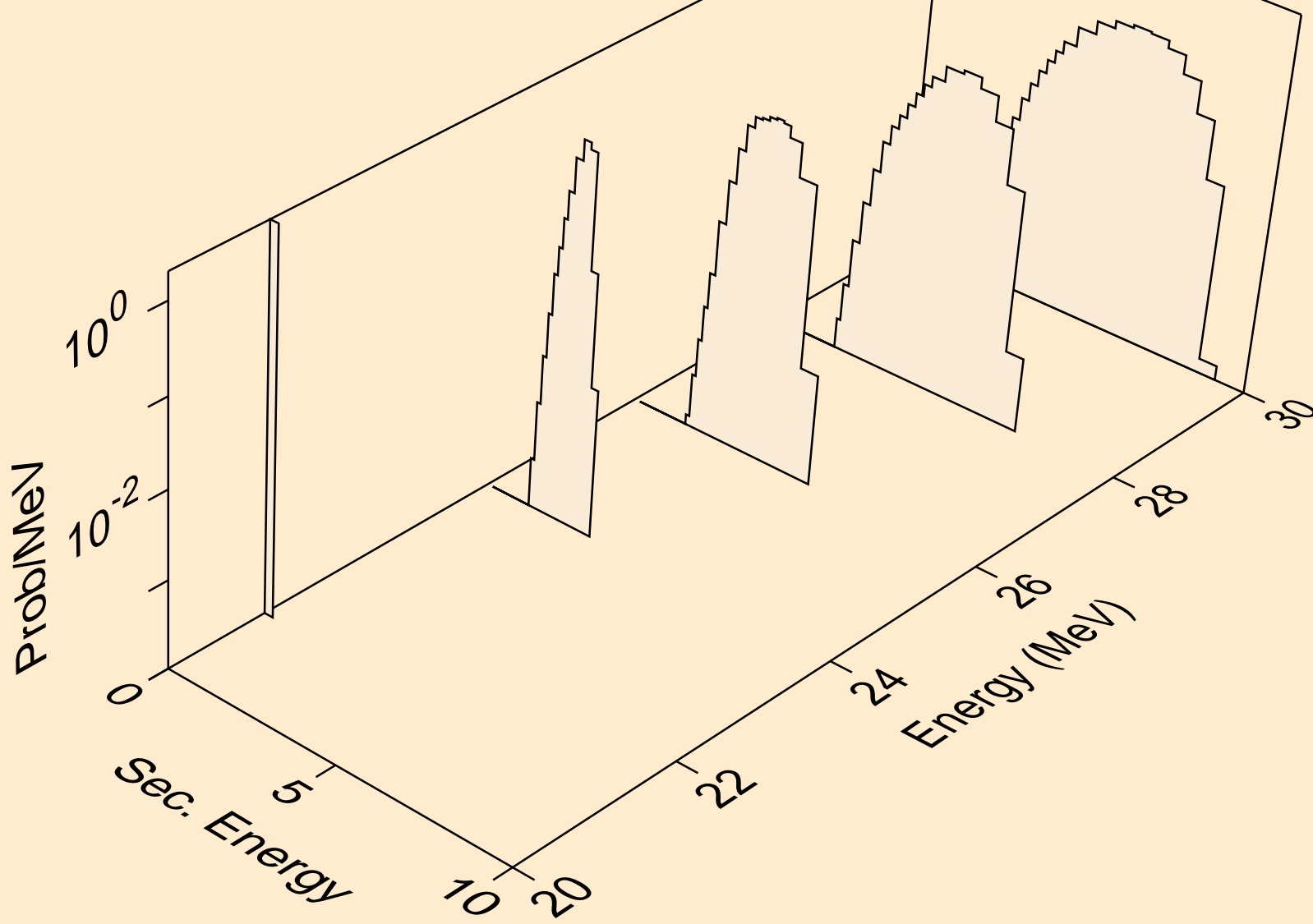
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protons from (a,x)



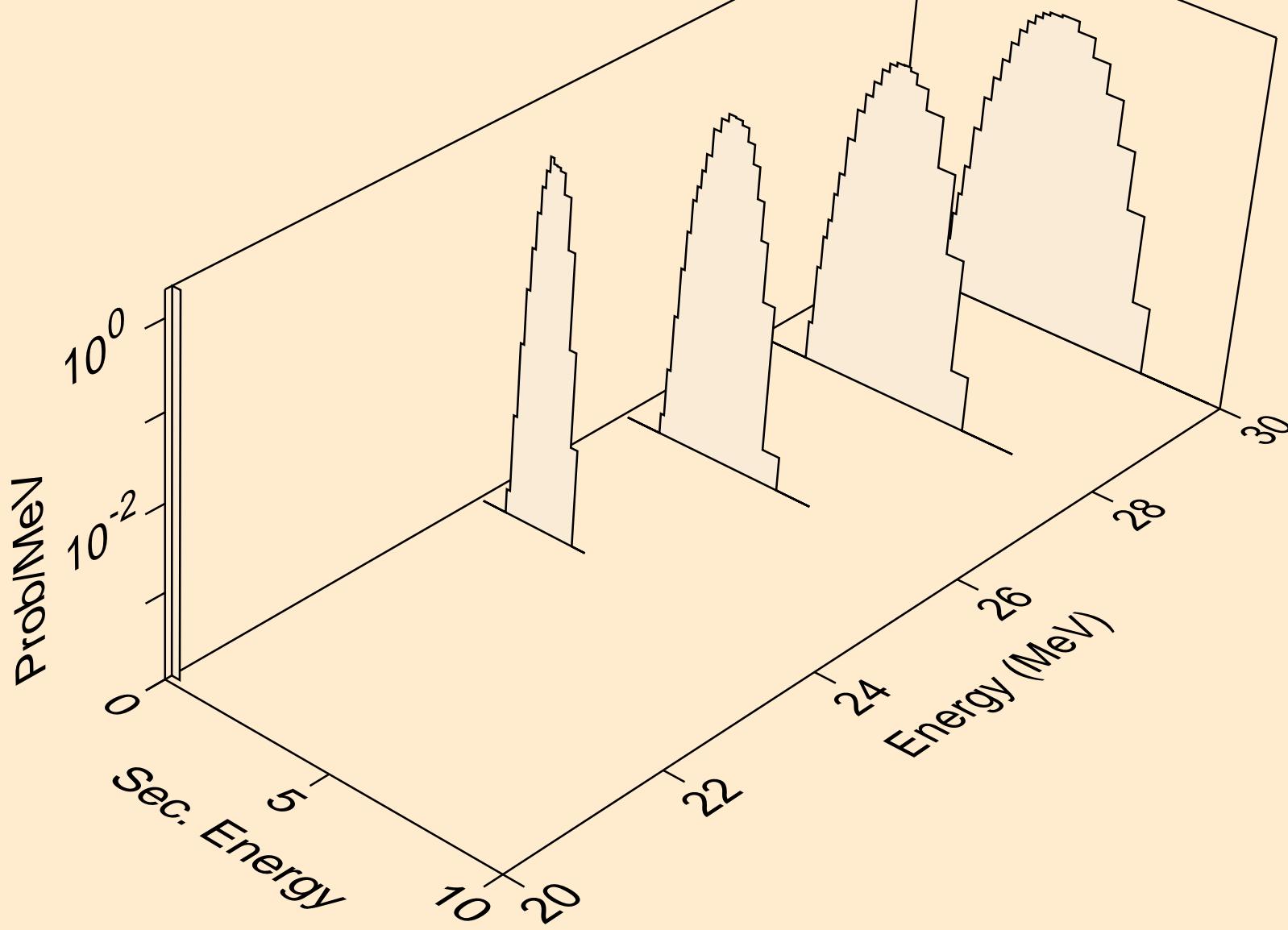
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



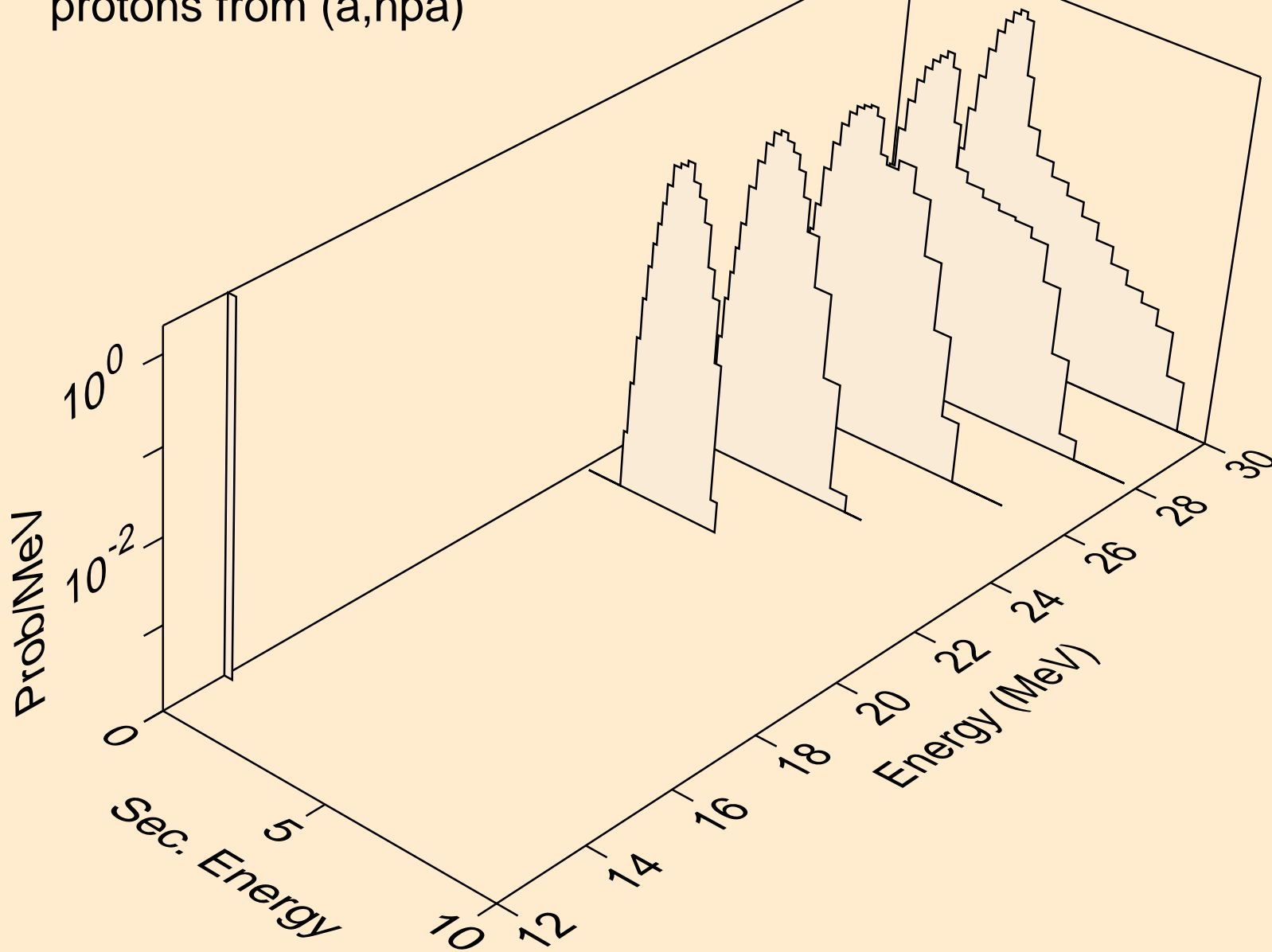
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)

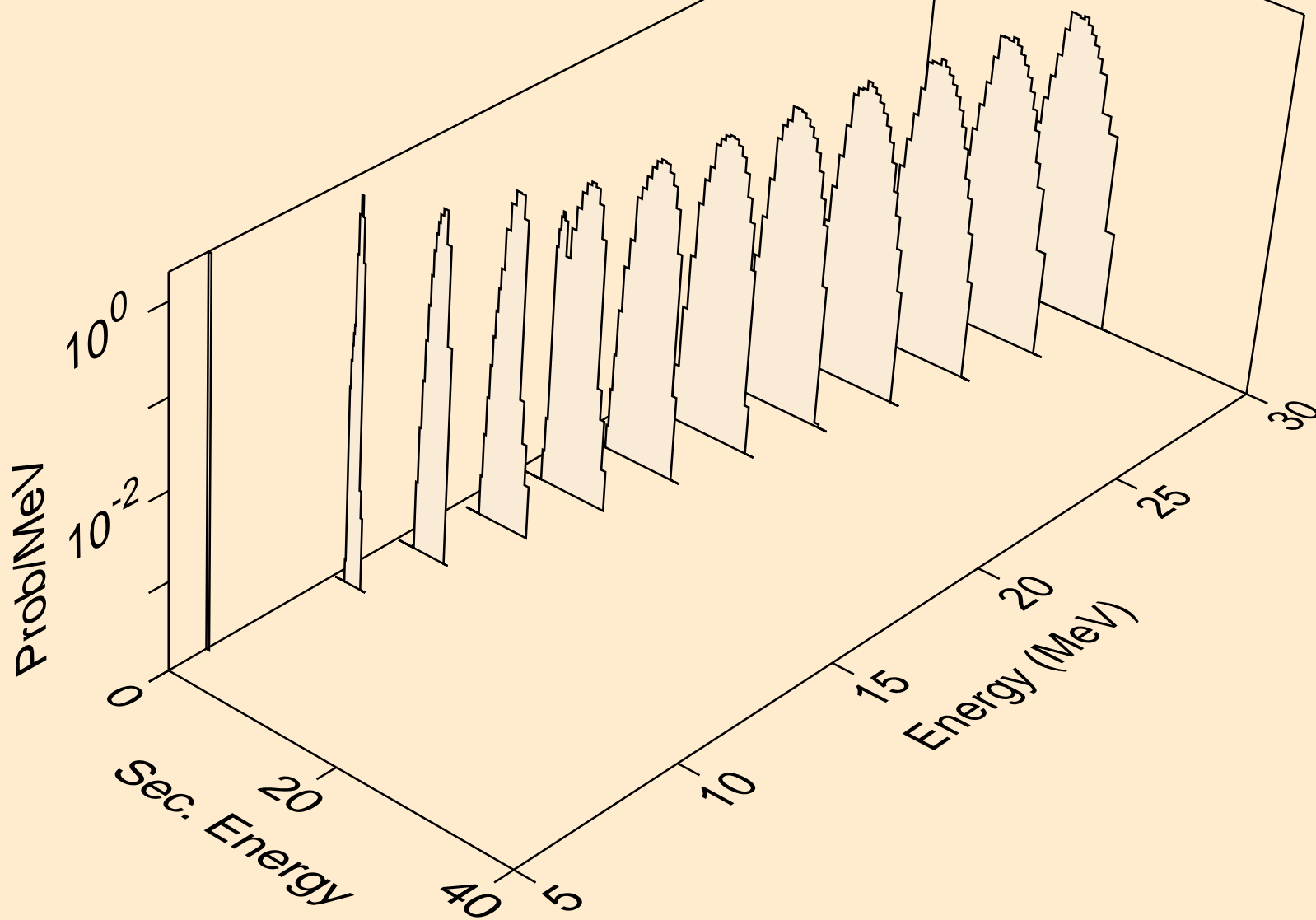


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protons from (a,npa)

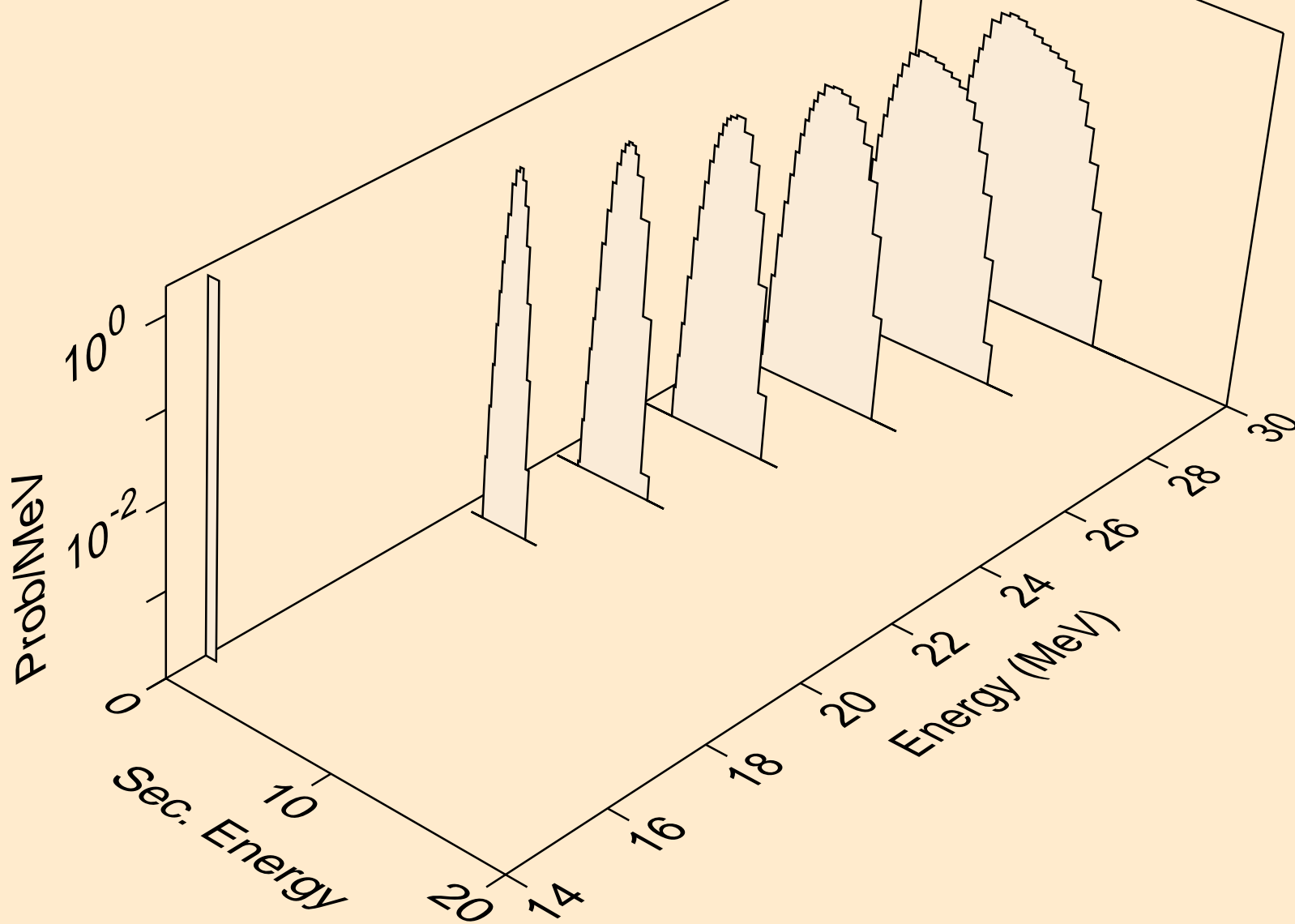




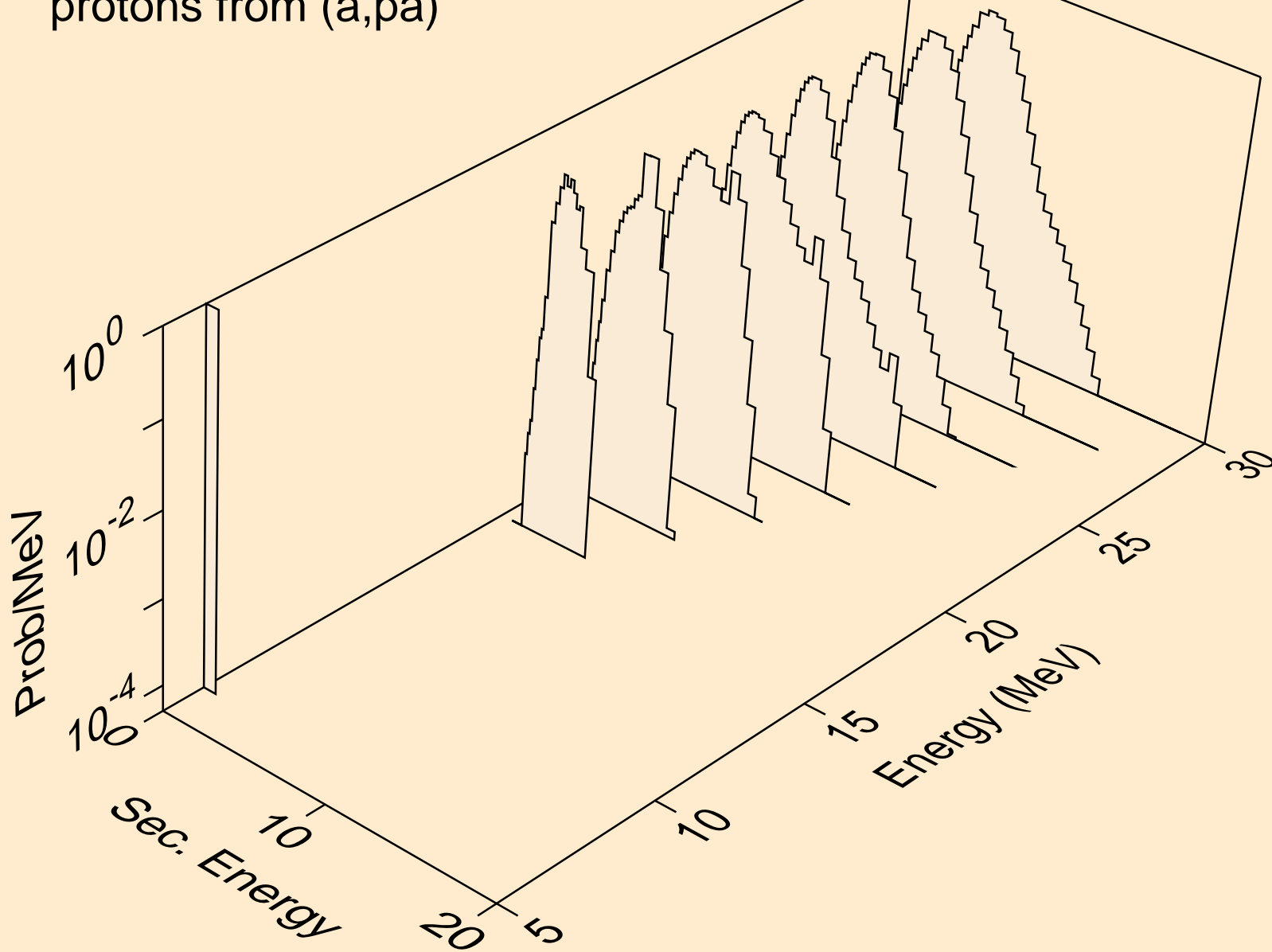
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



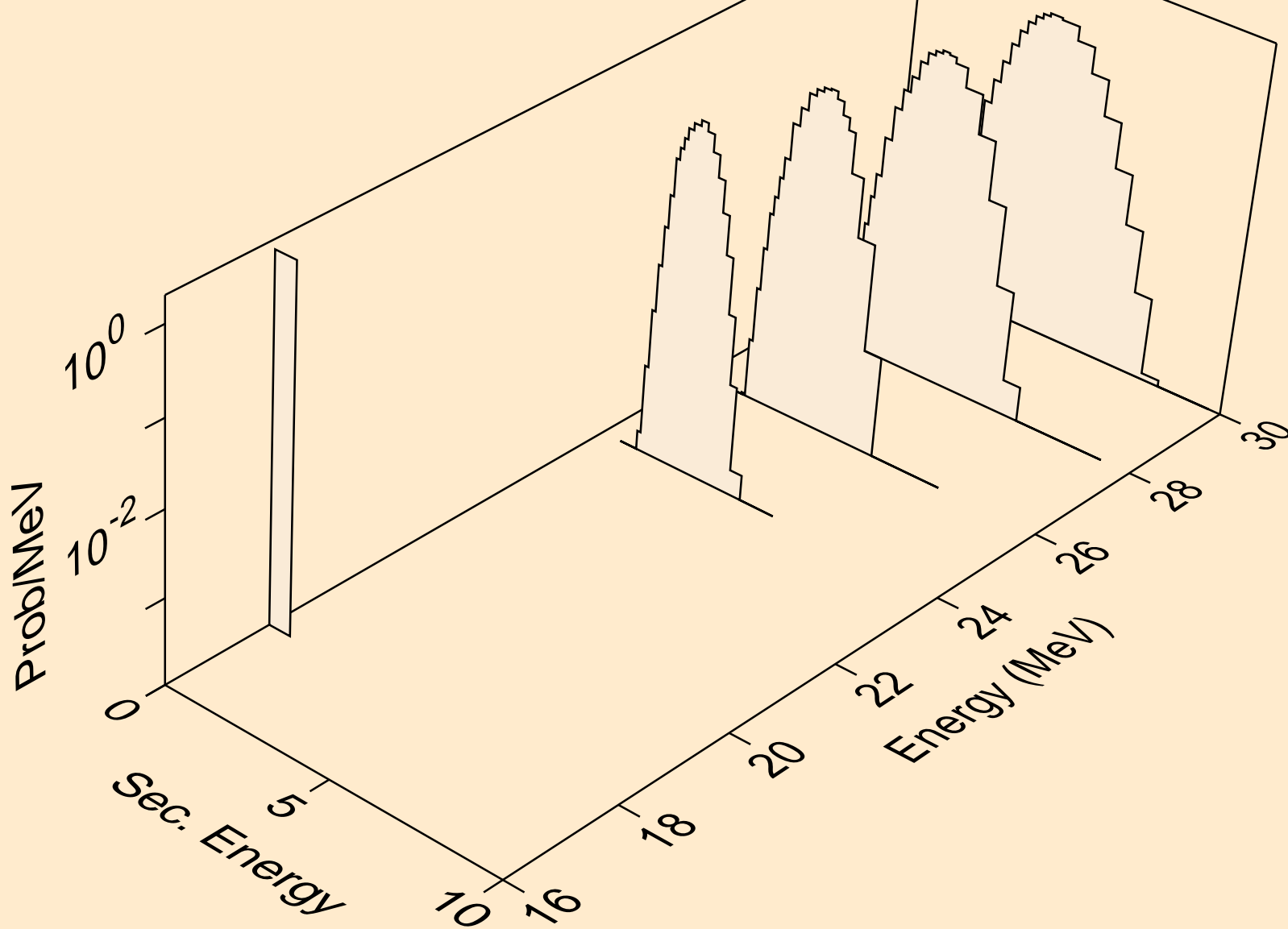
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



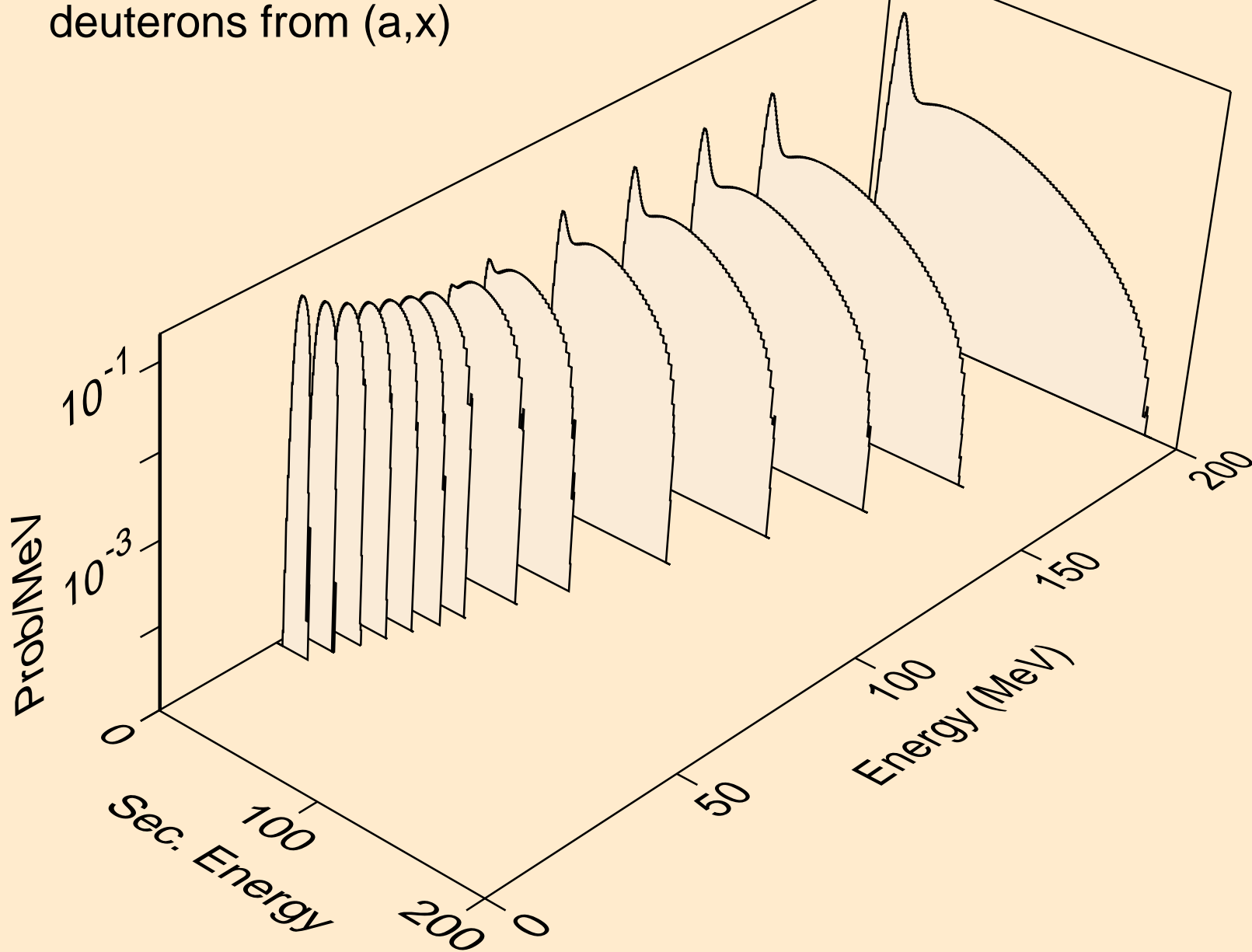
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



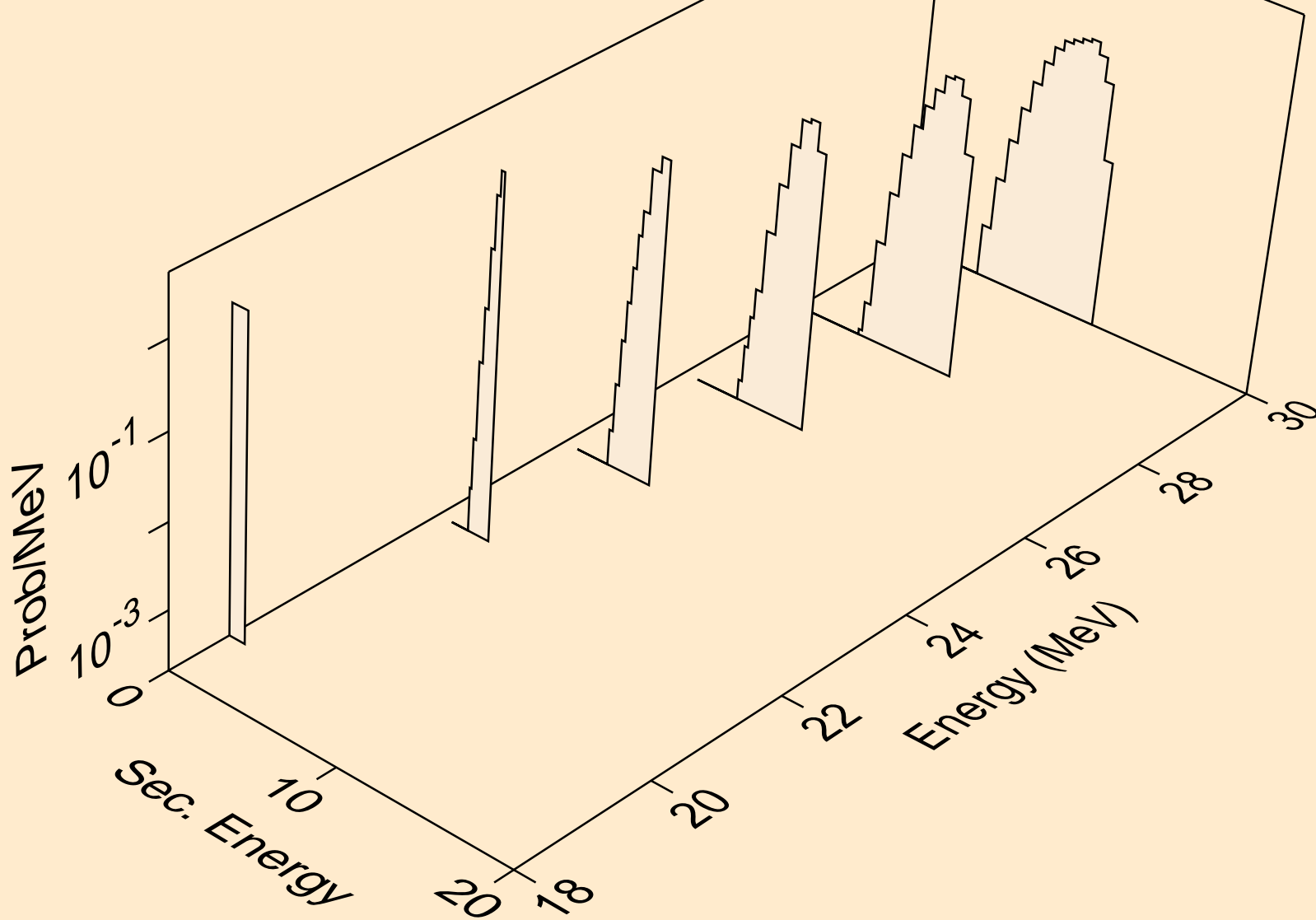
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



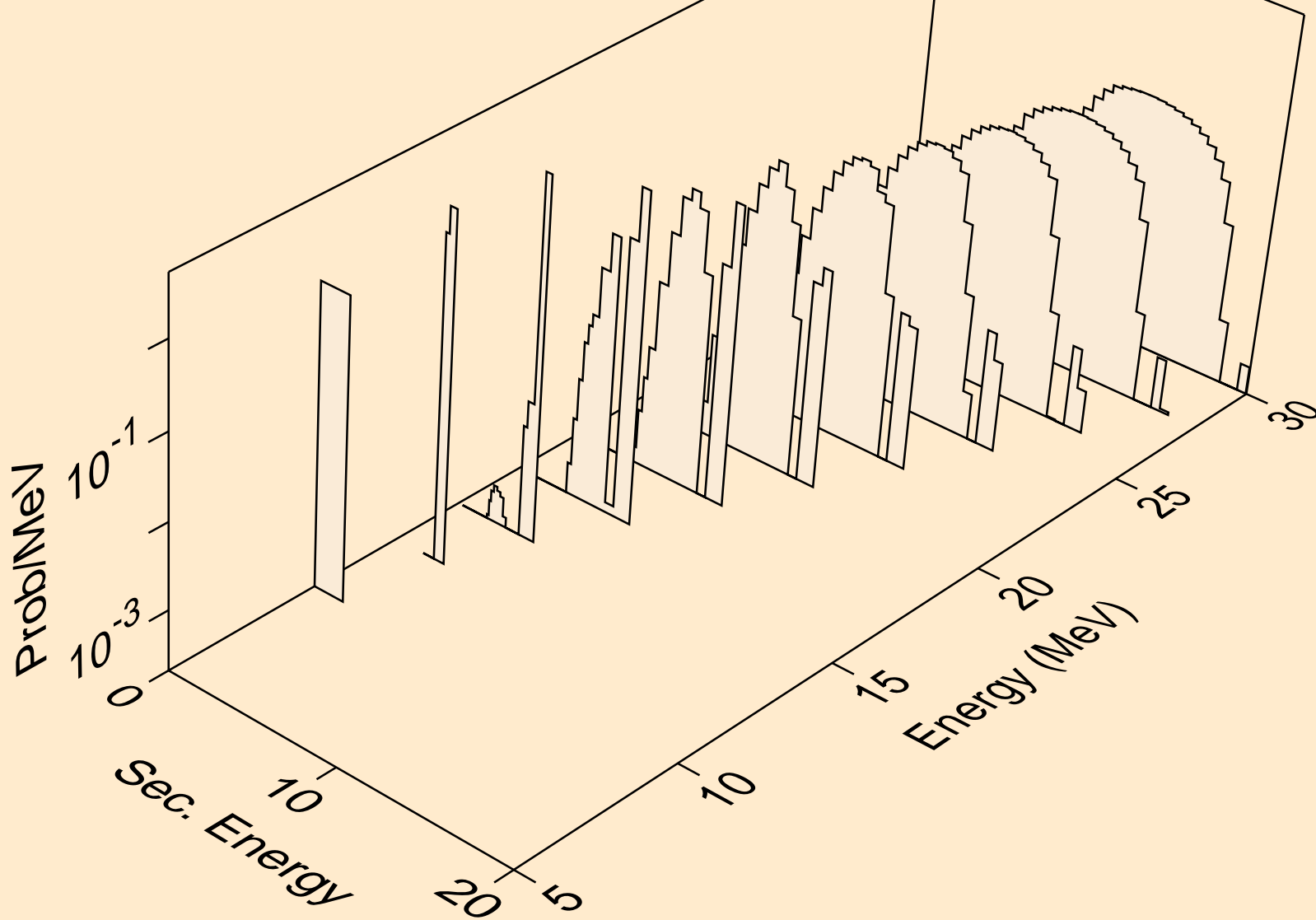
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



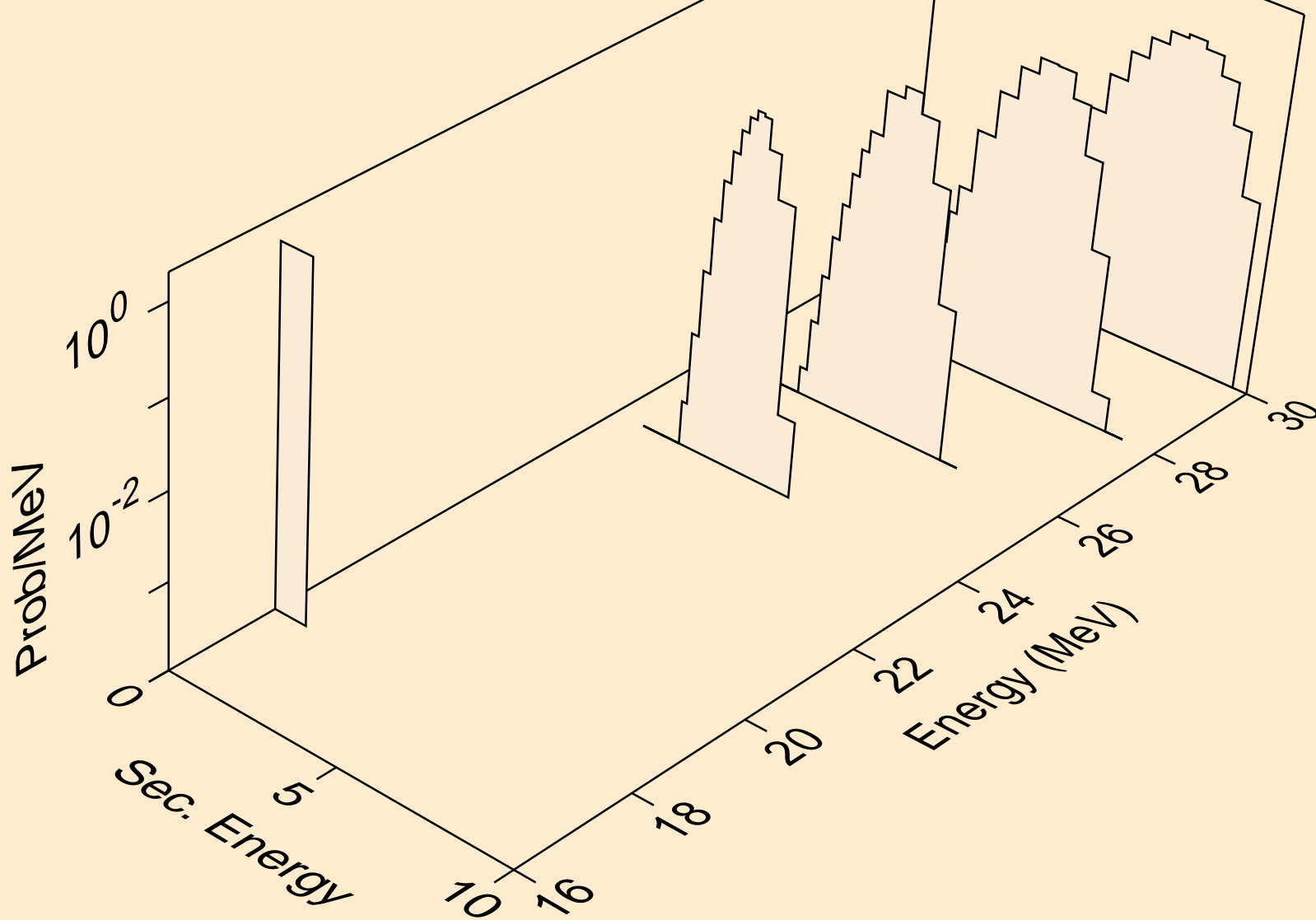
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

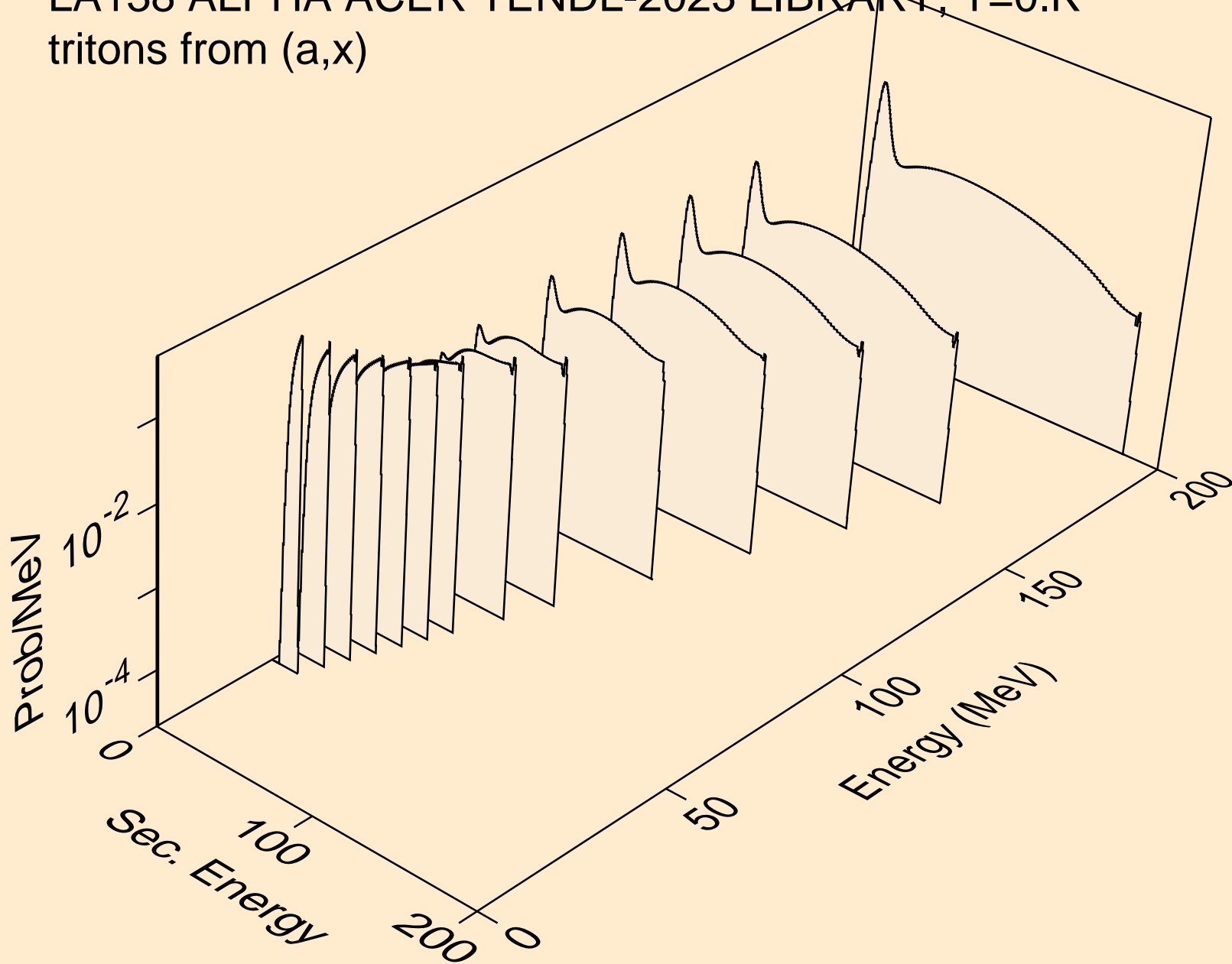


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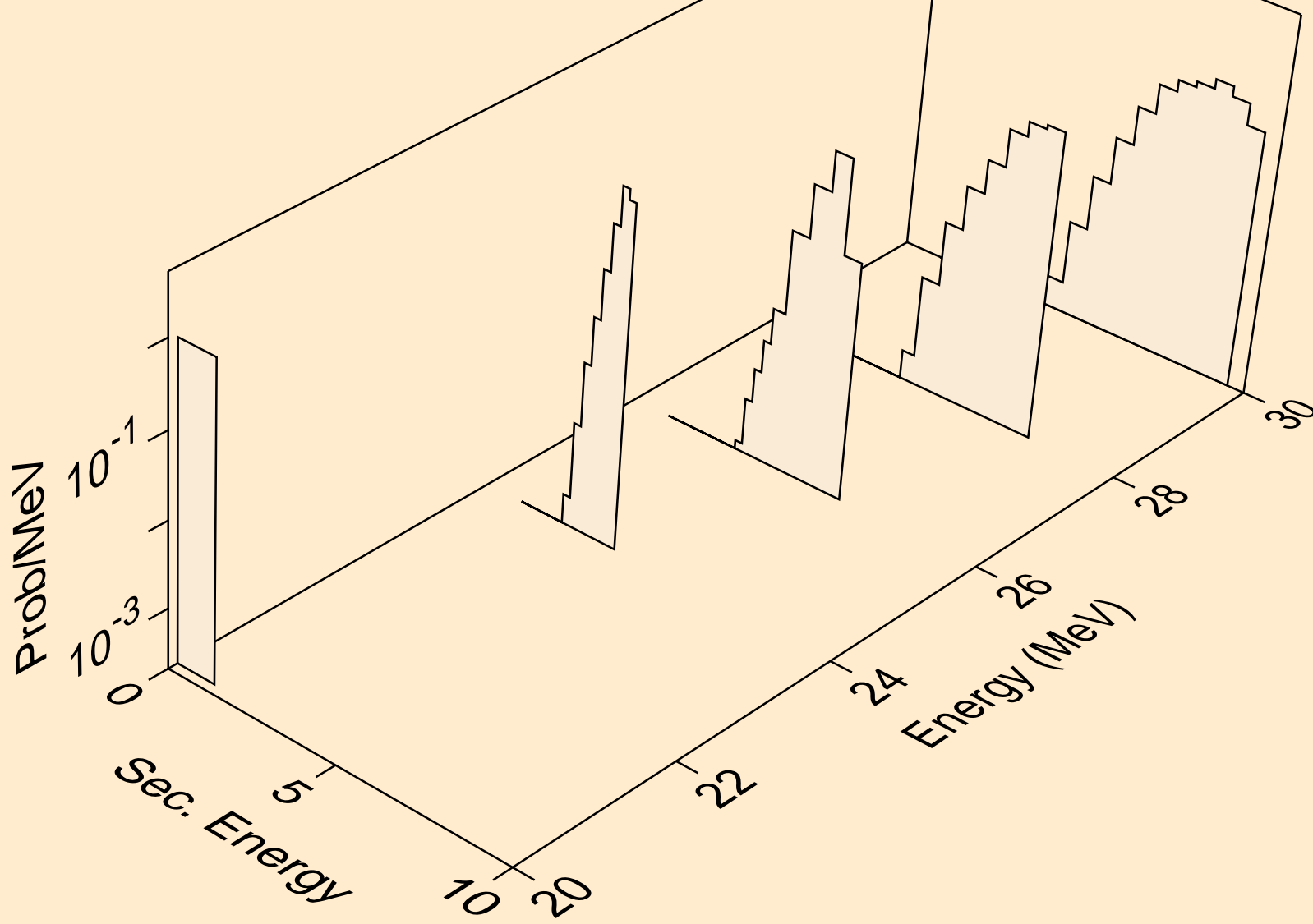




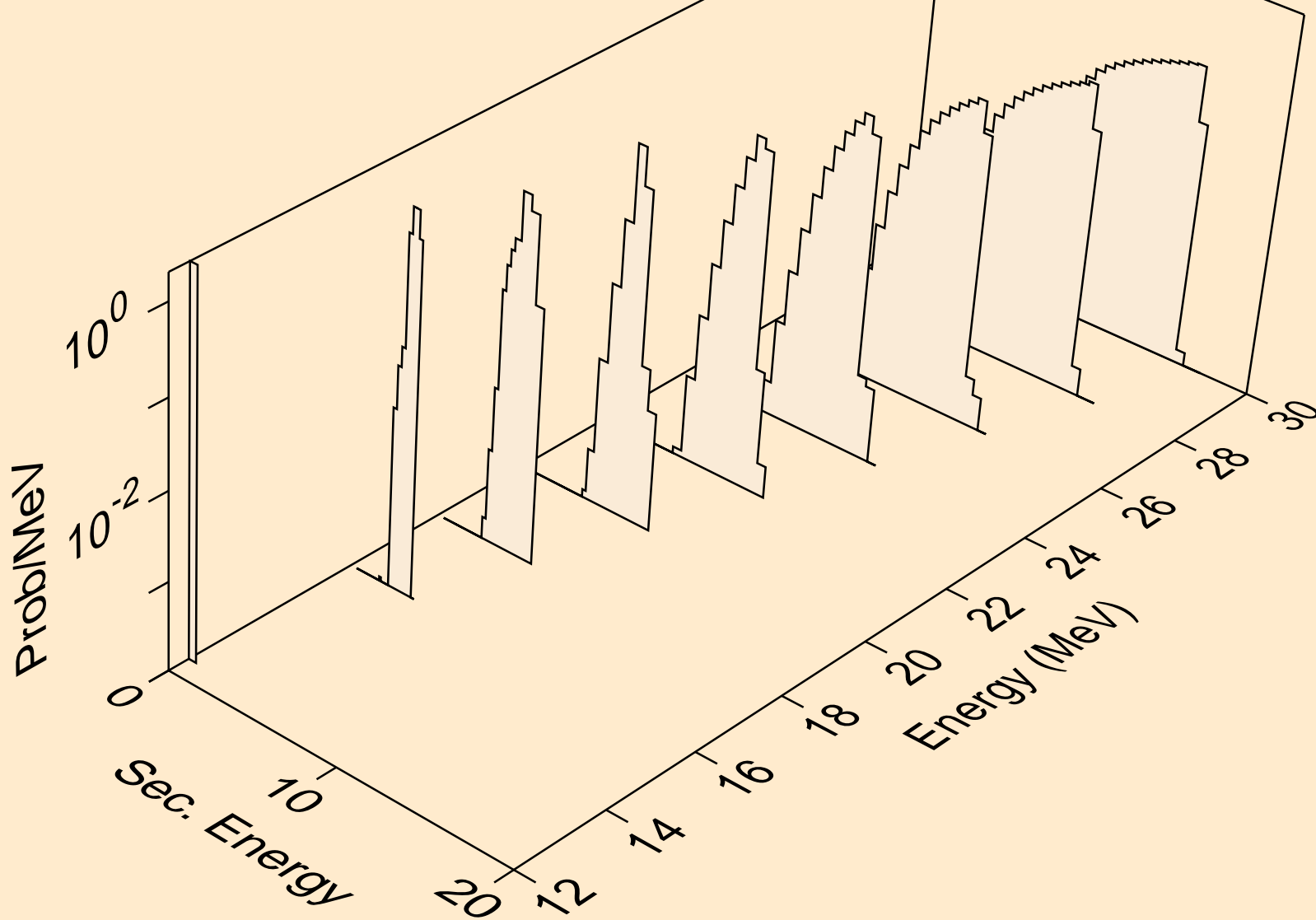
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



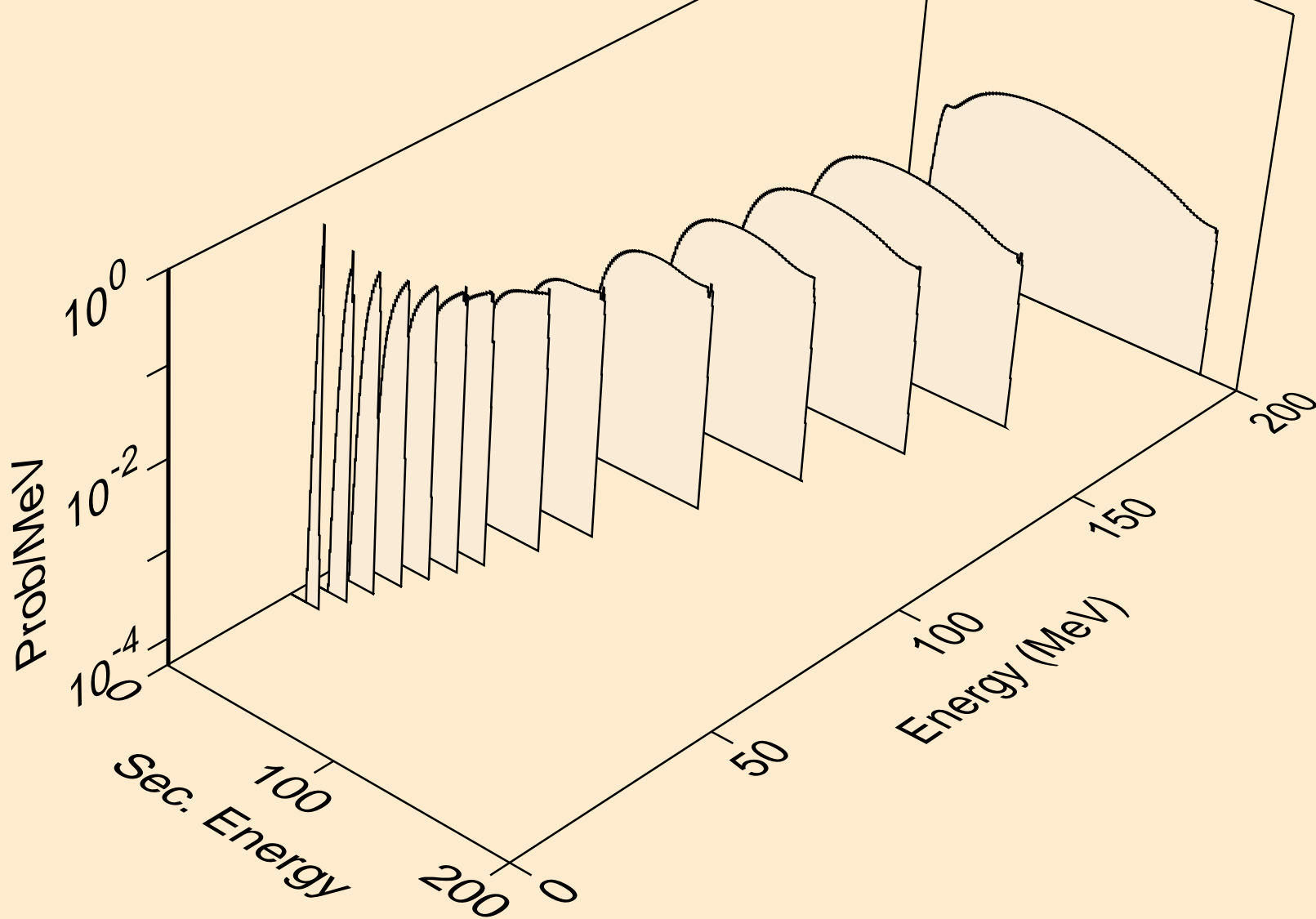
LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



LA138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

