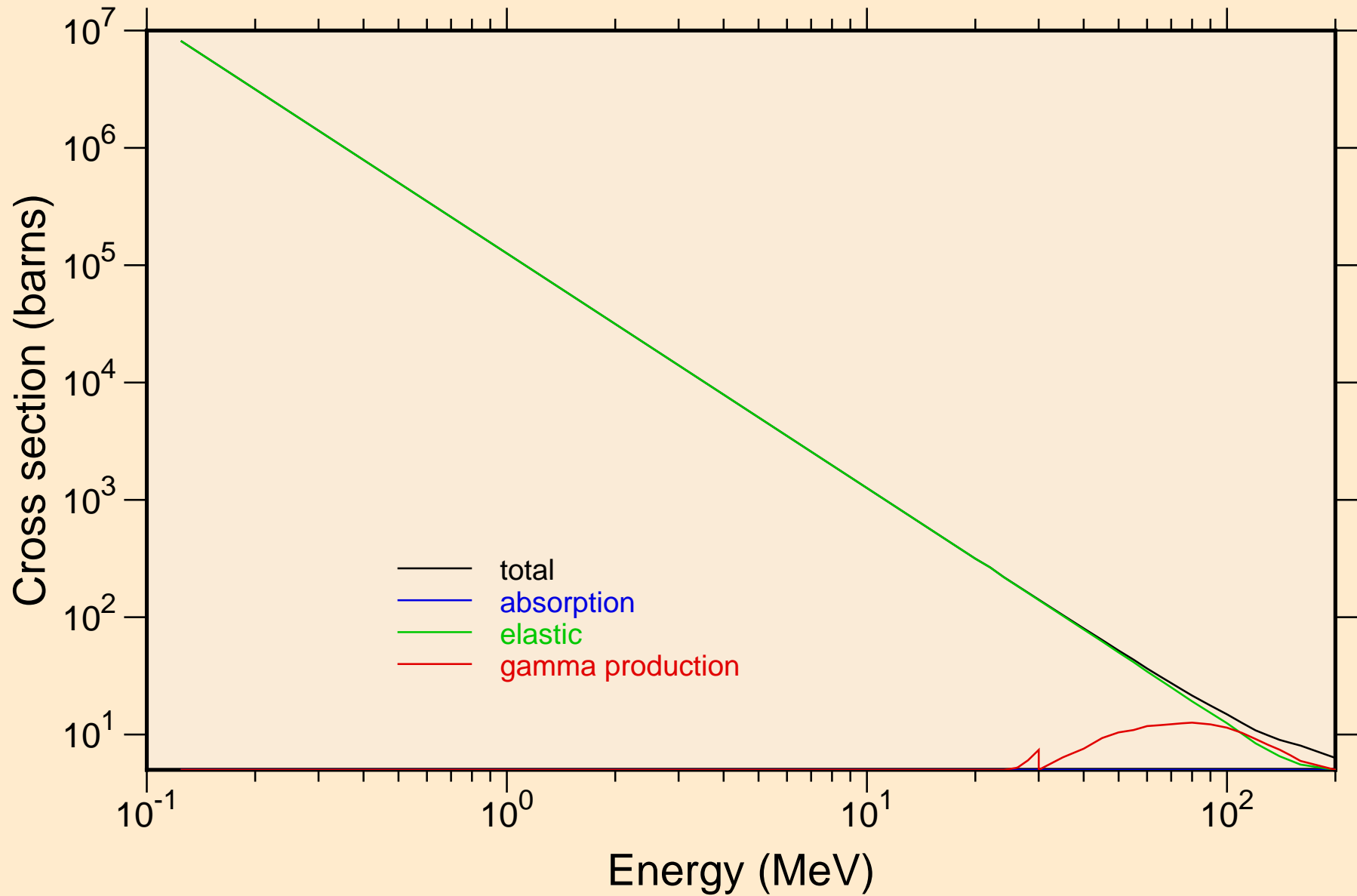
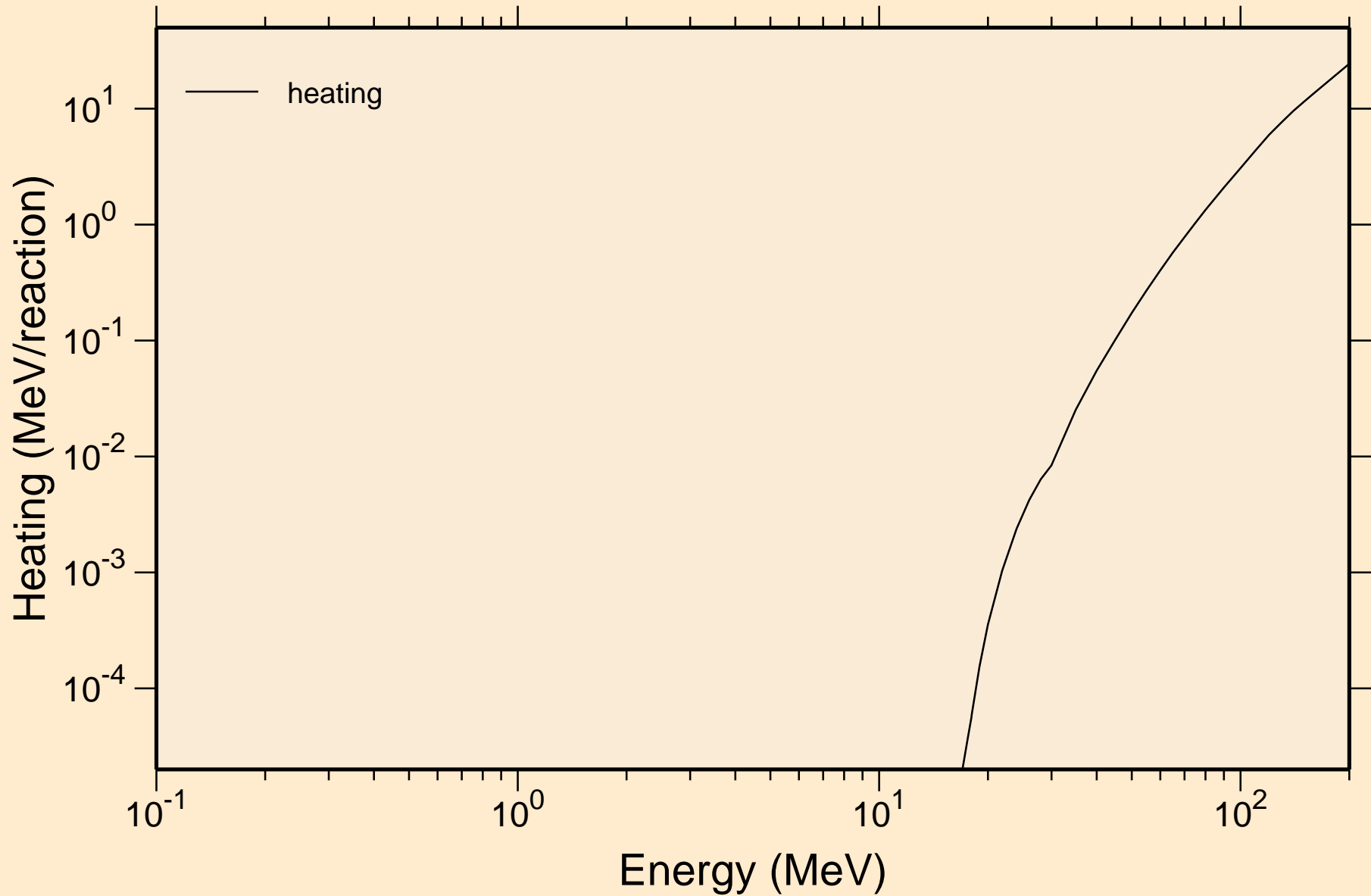


YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



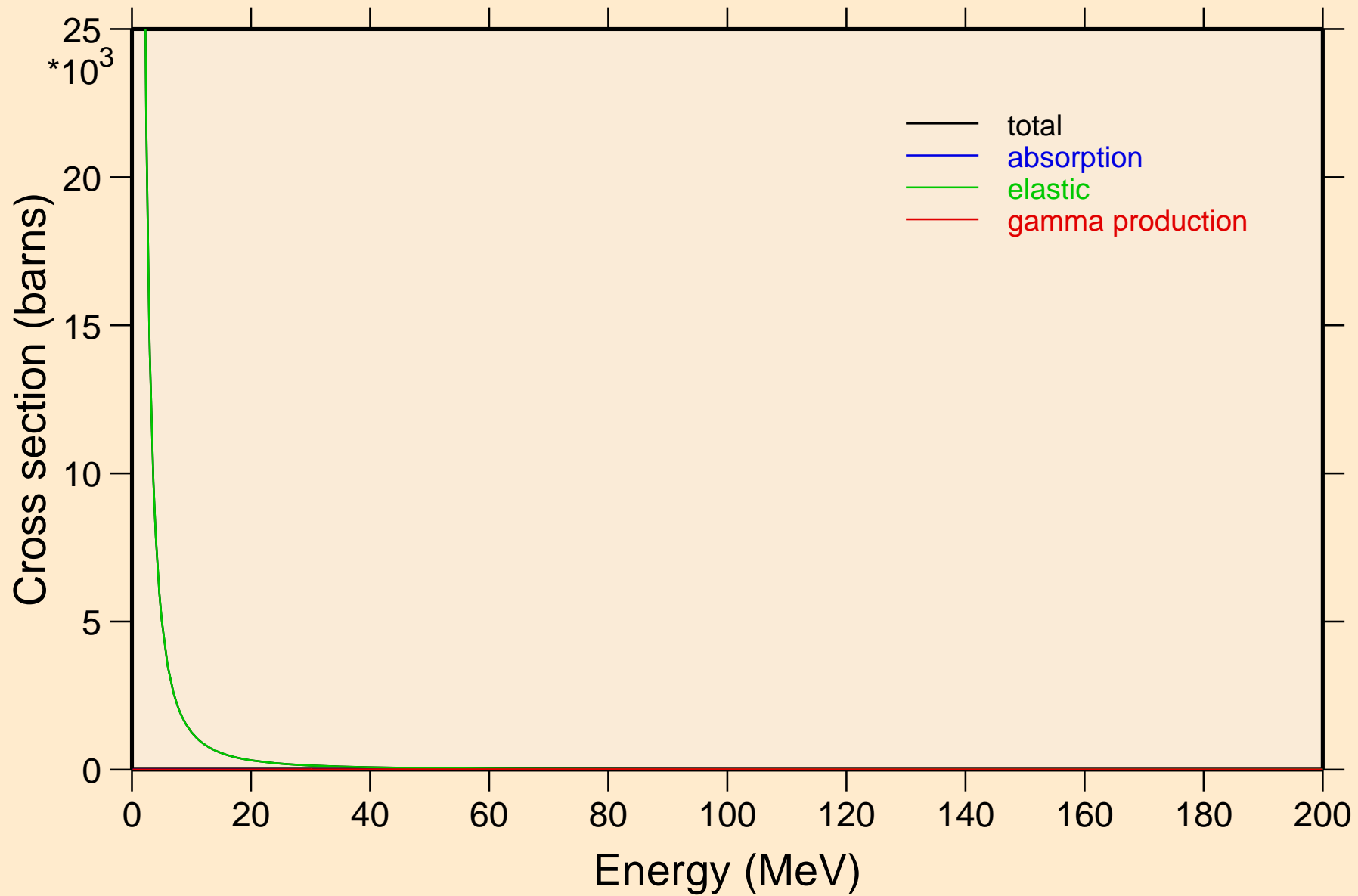
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



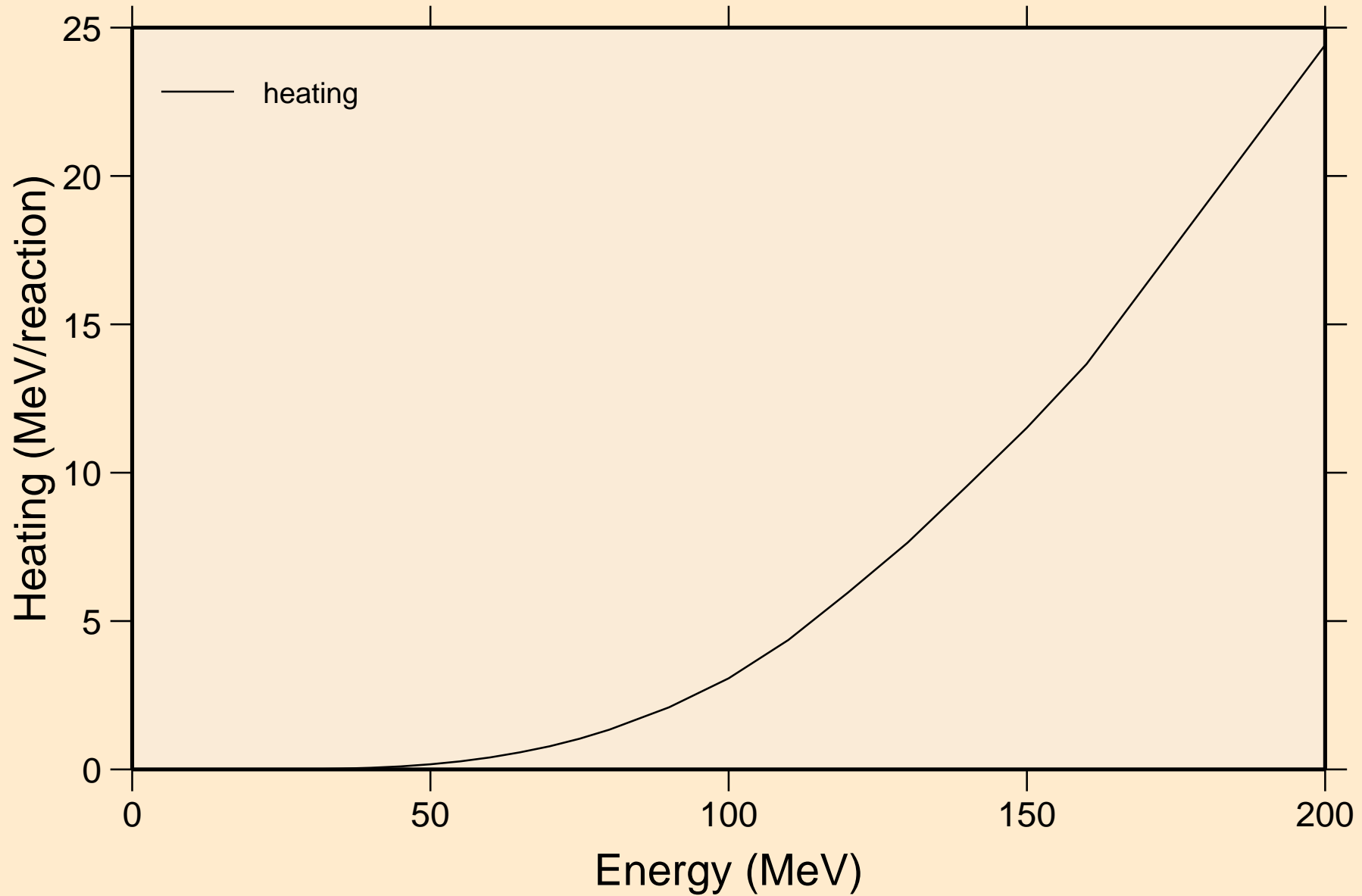
# YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

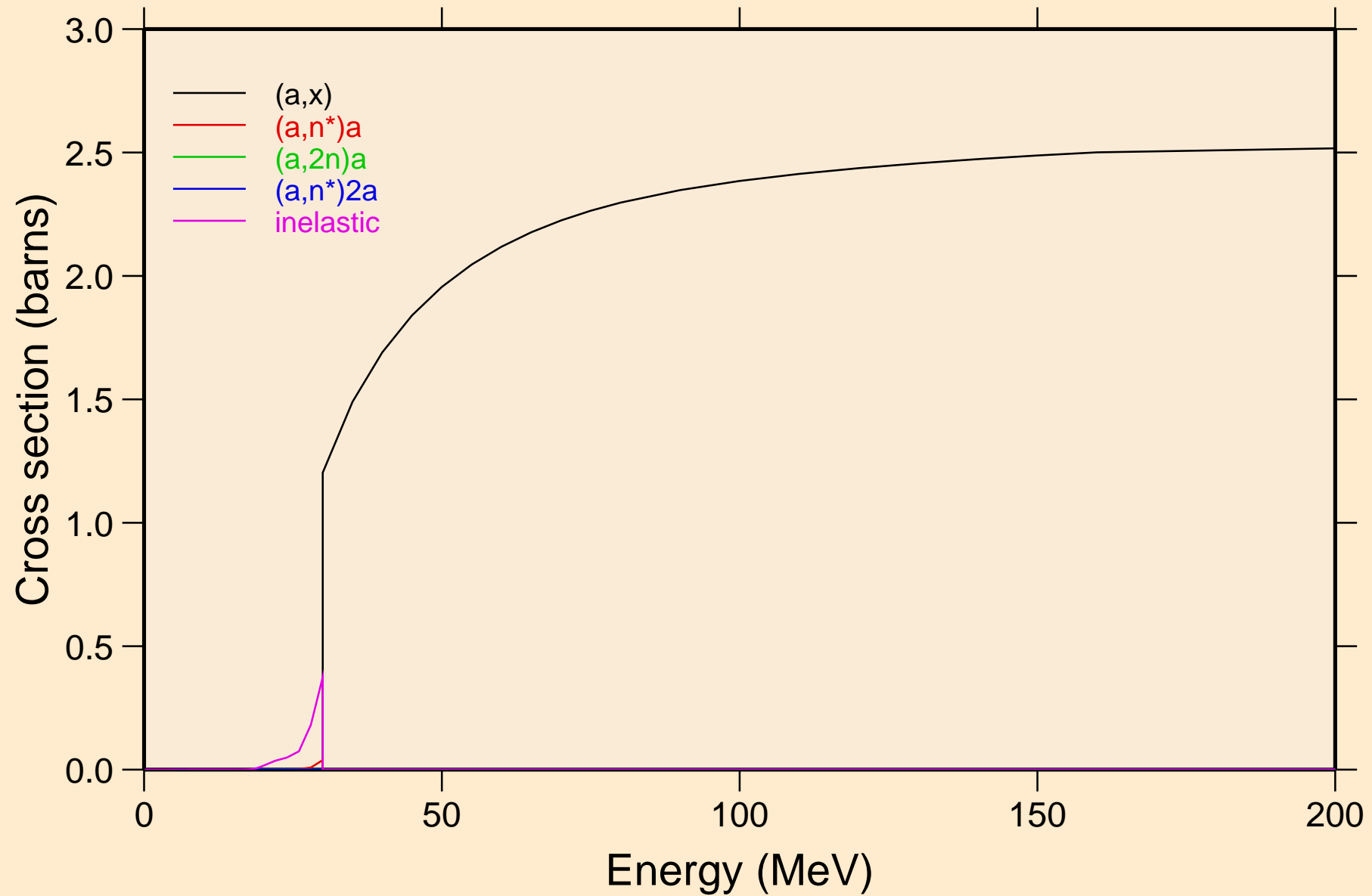


YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

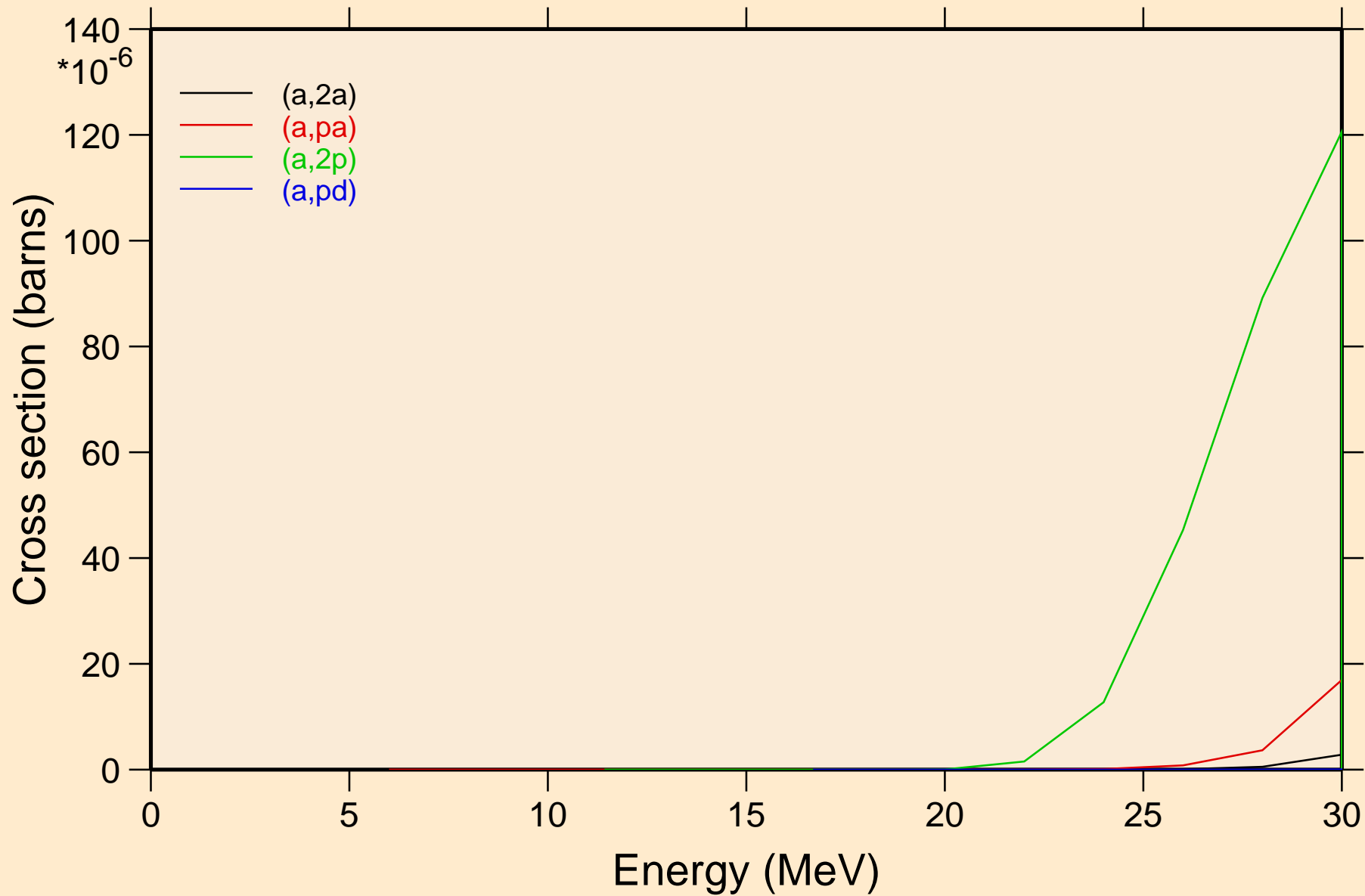
Heating



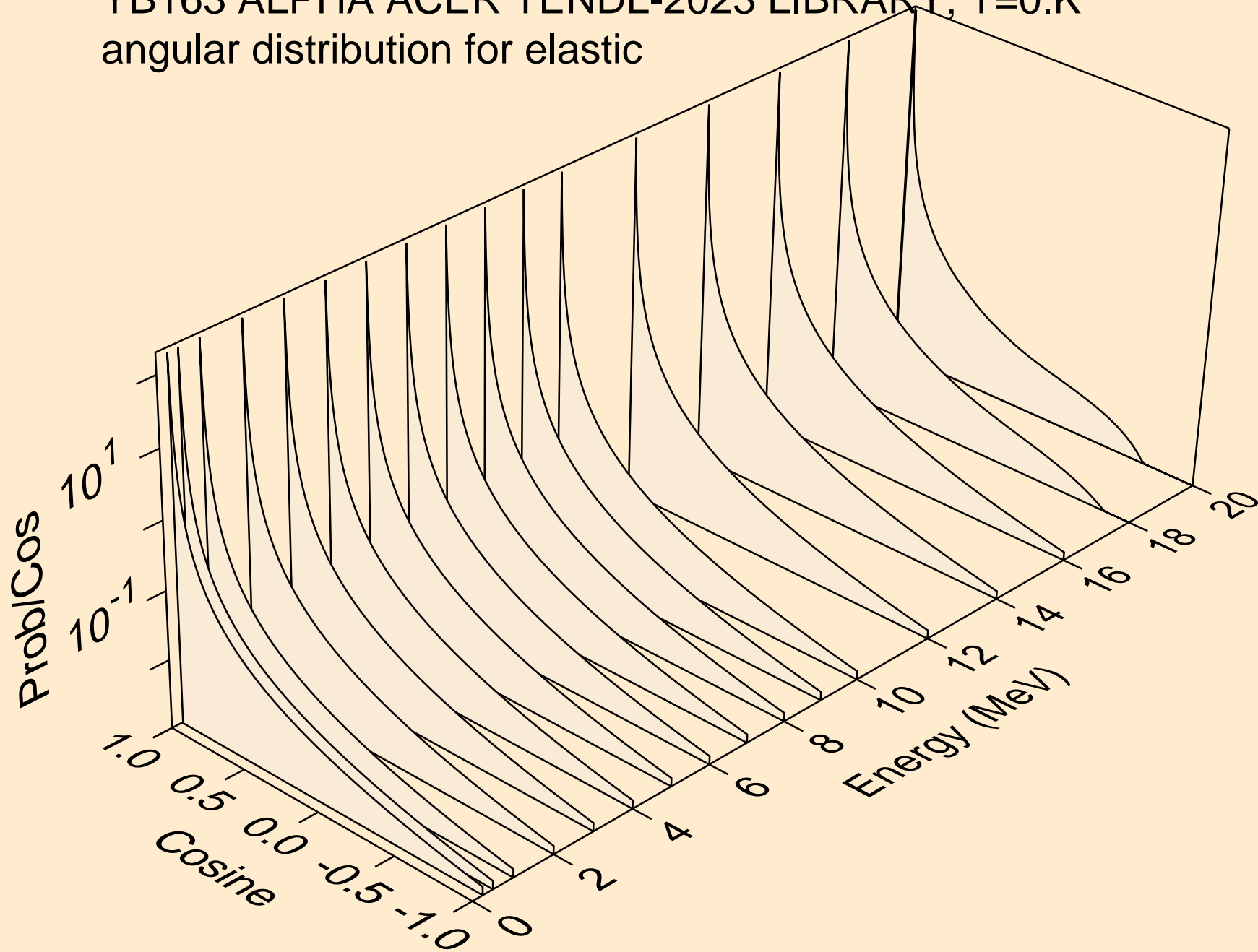
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



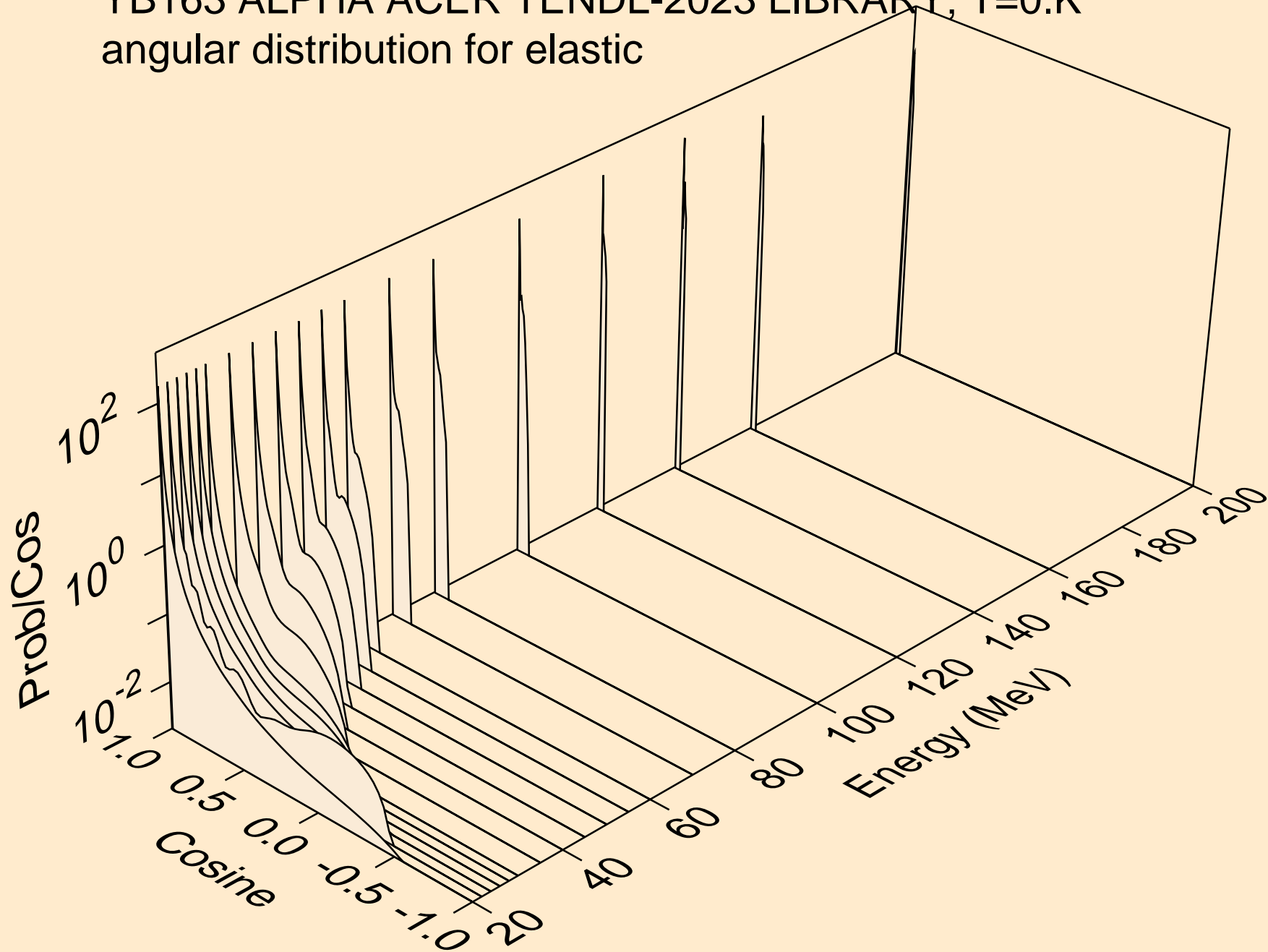
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



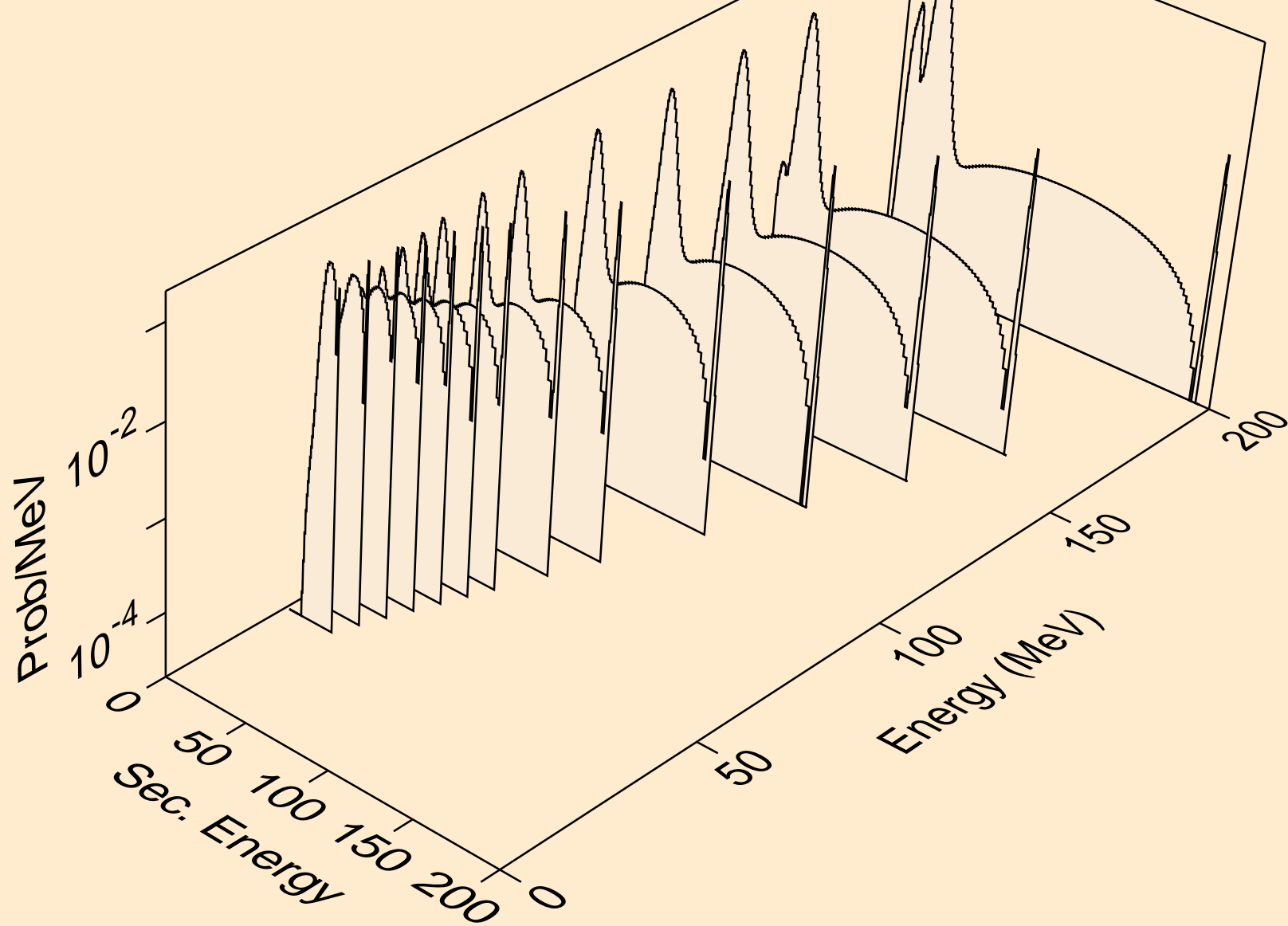
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



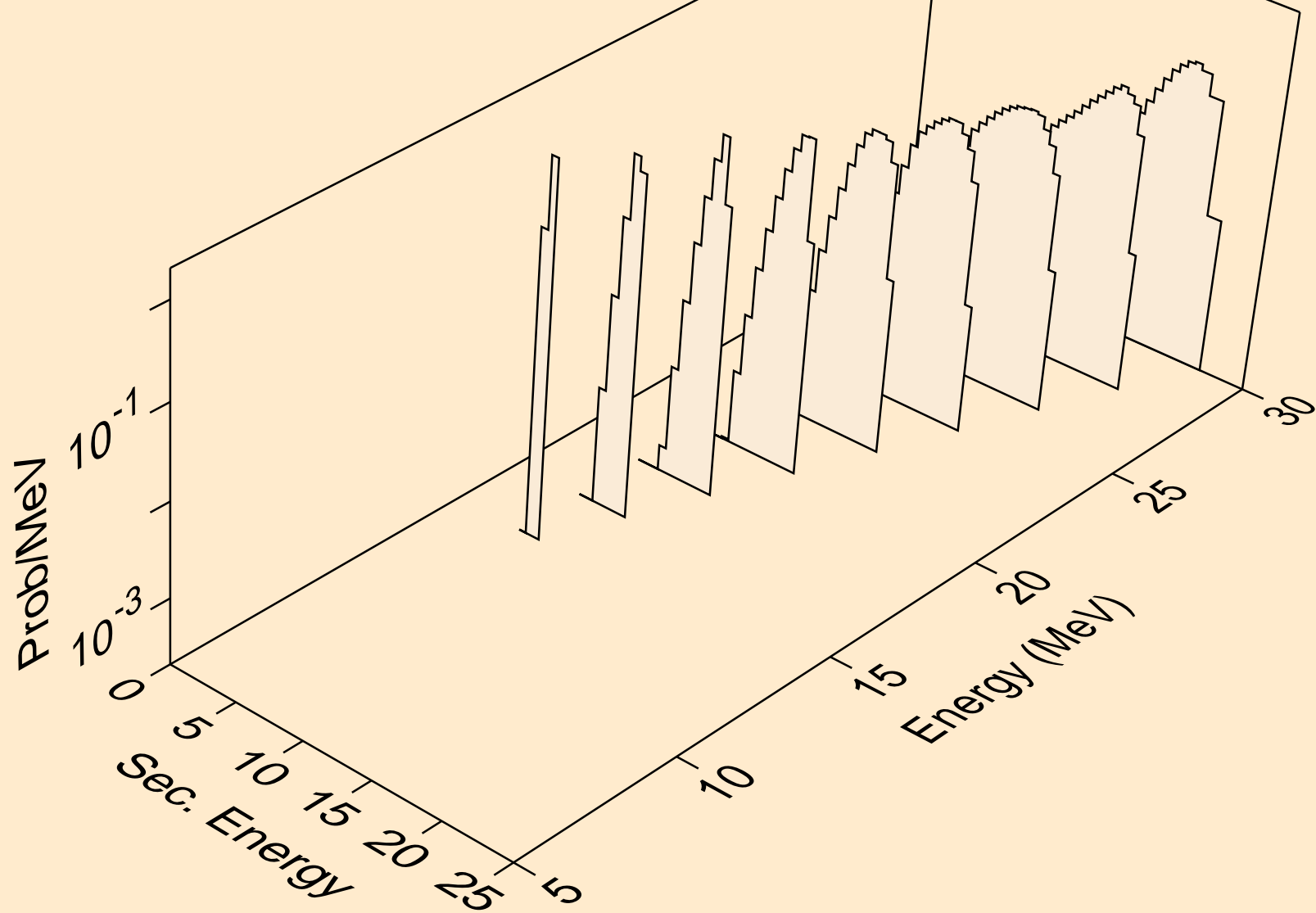


# YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

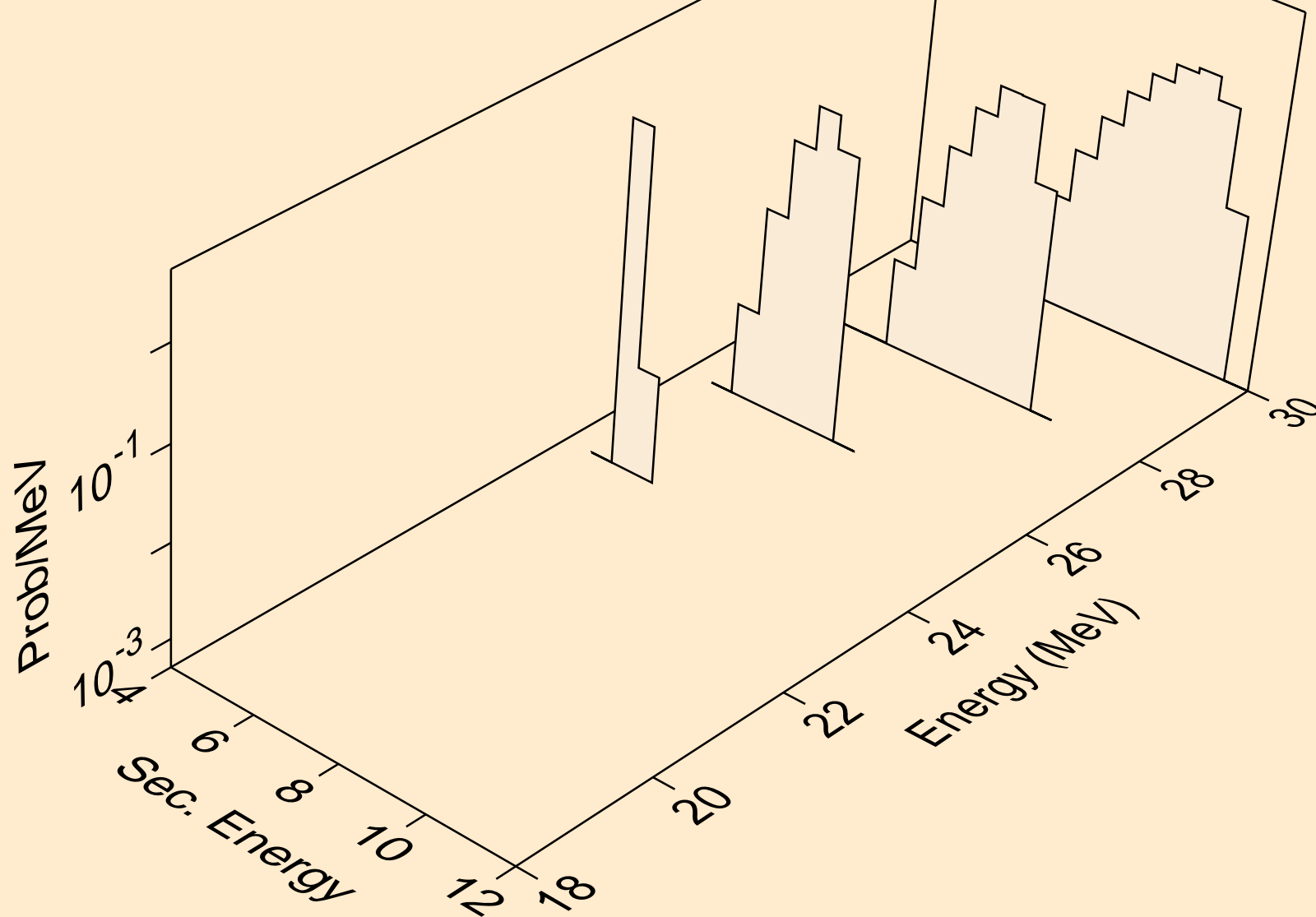
Alpha emission for (a,x)



YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

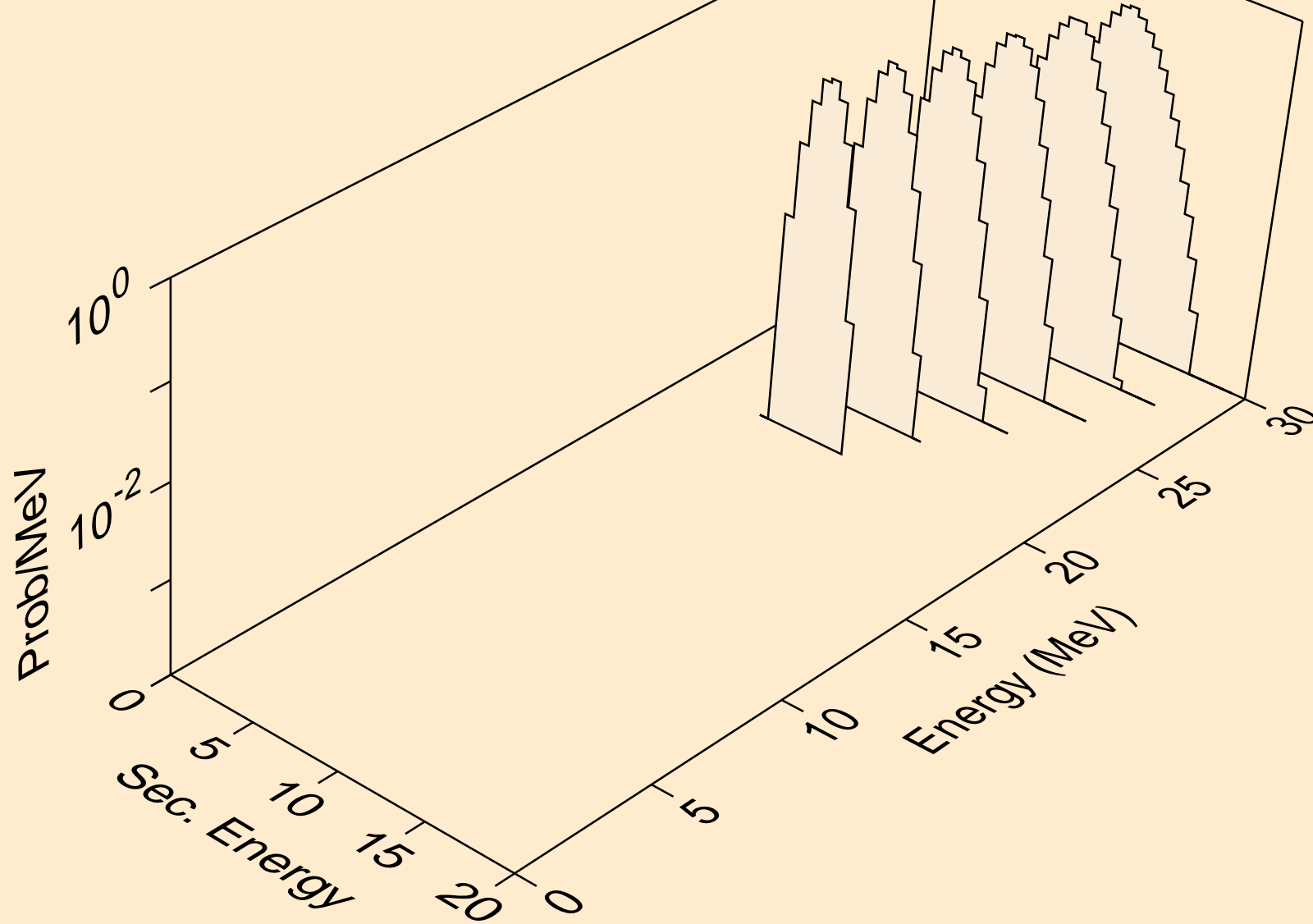


YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

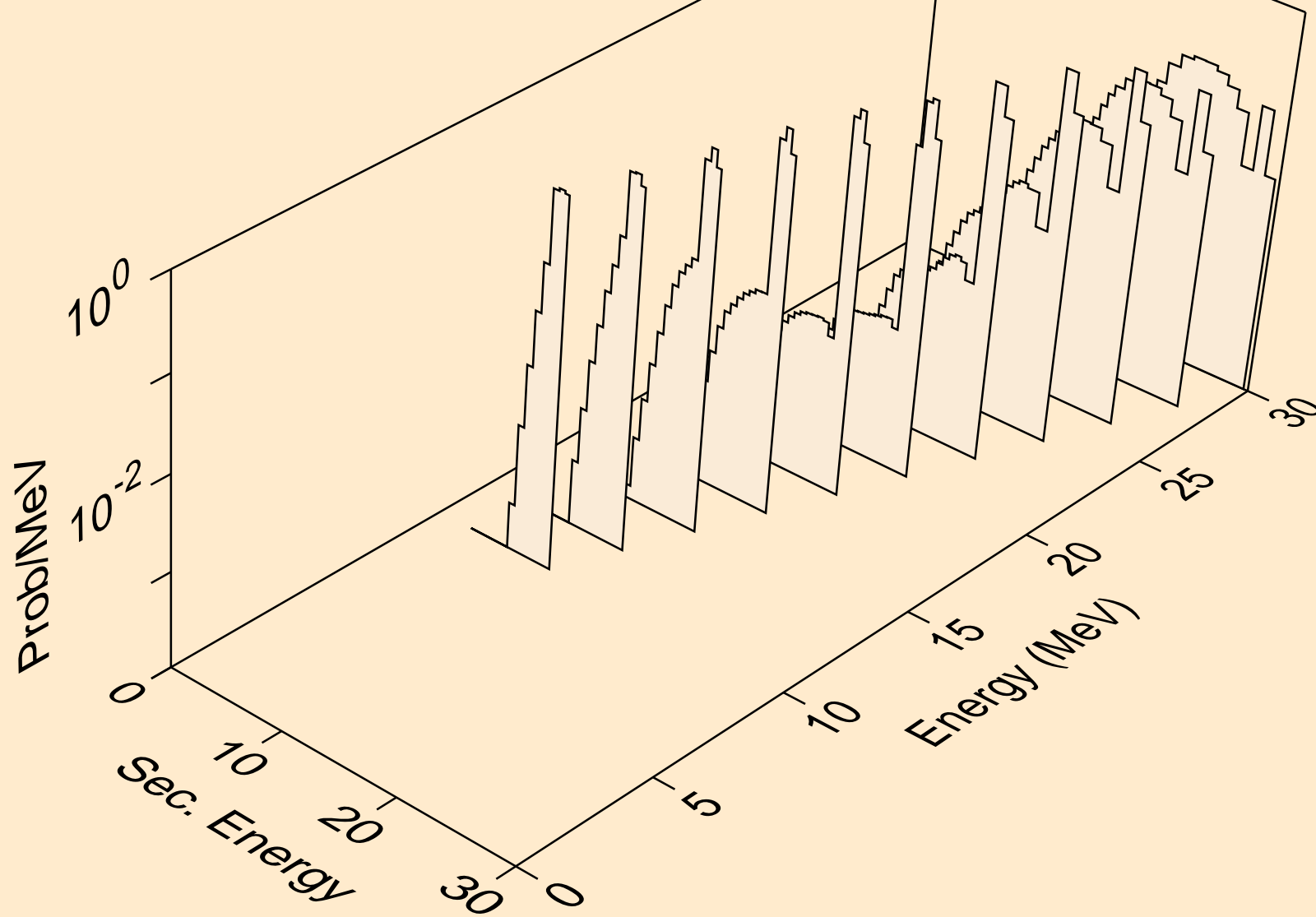


YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

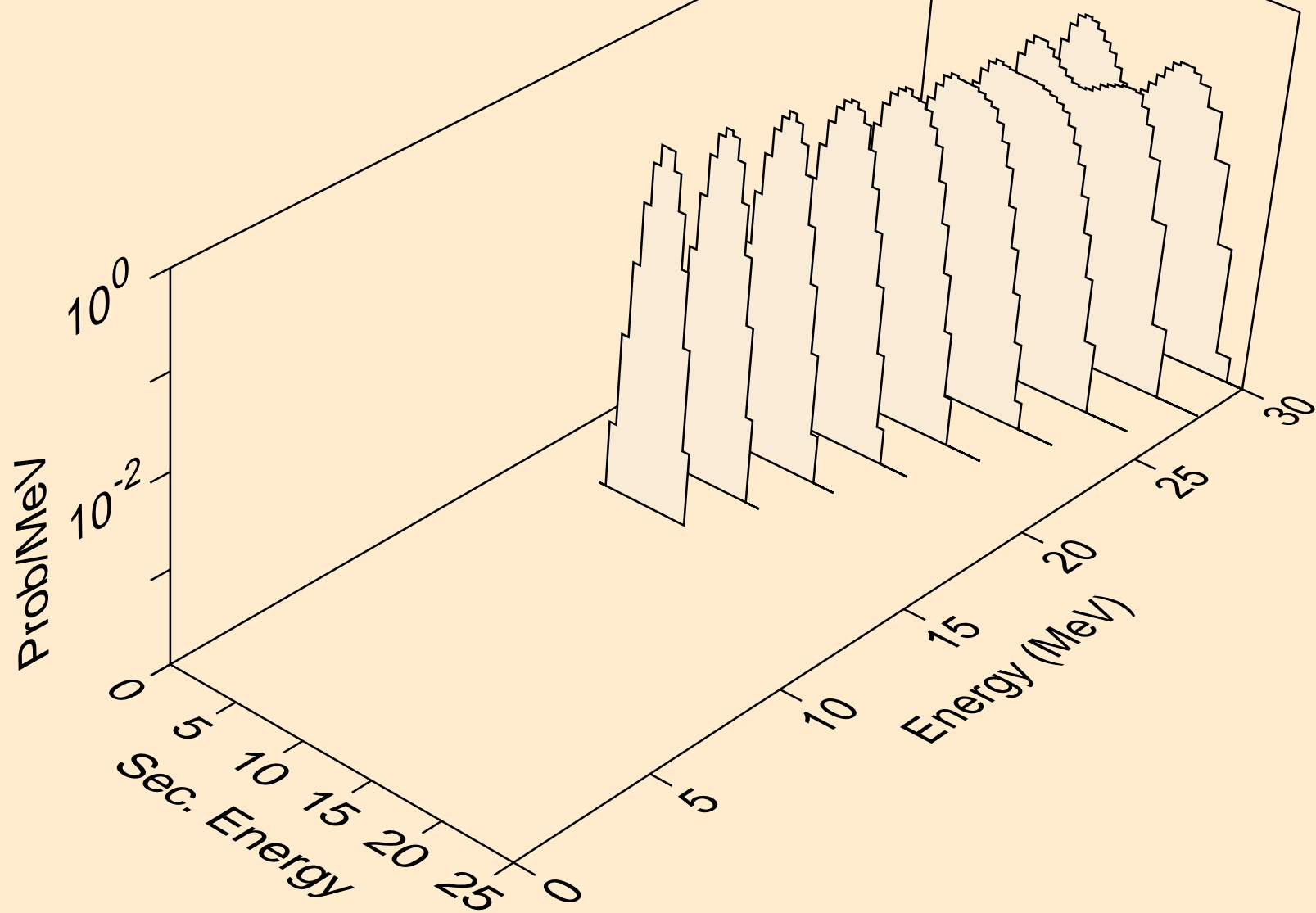
Alpha emission for (a,n\*)2a



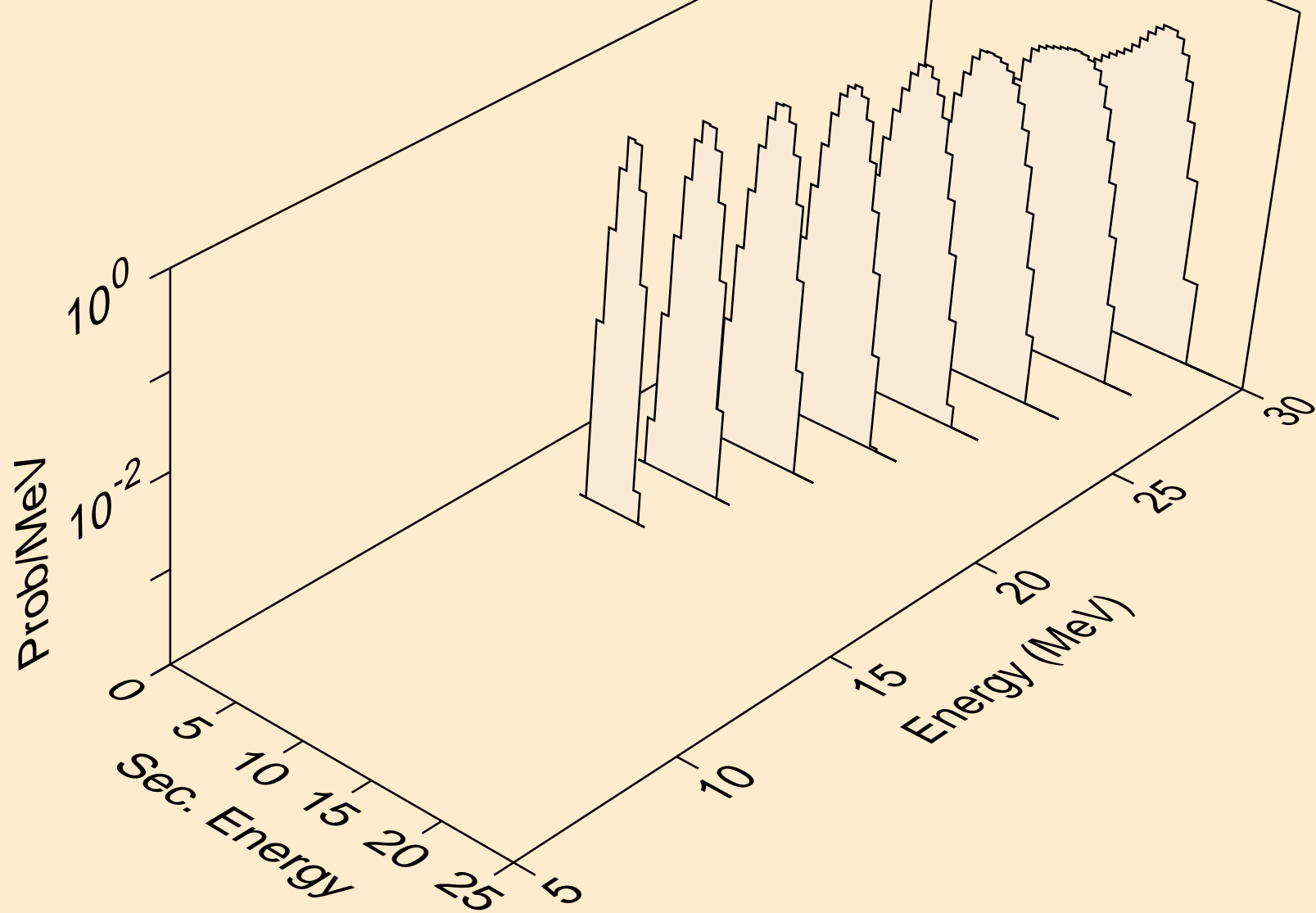
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



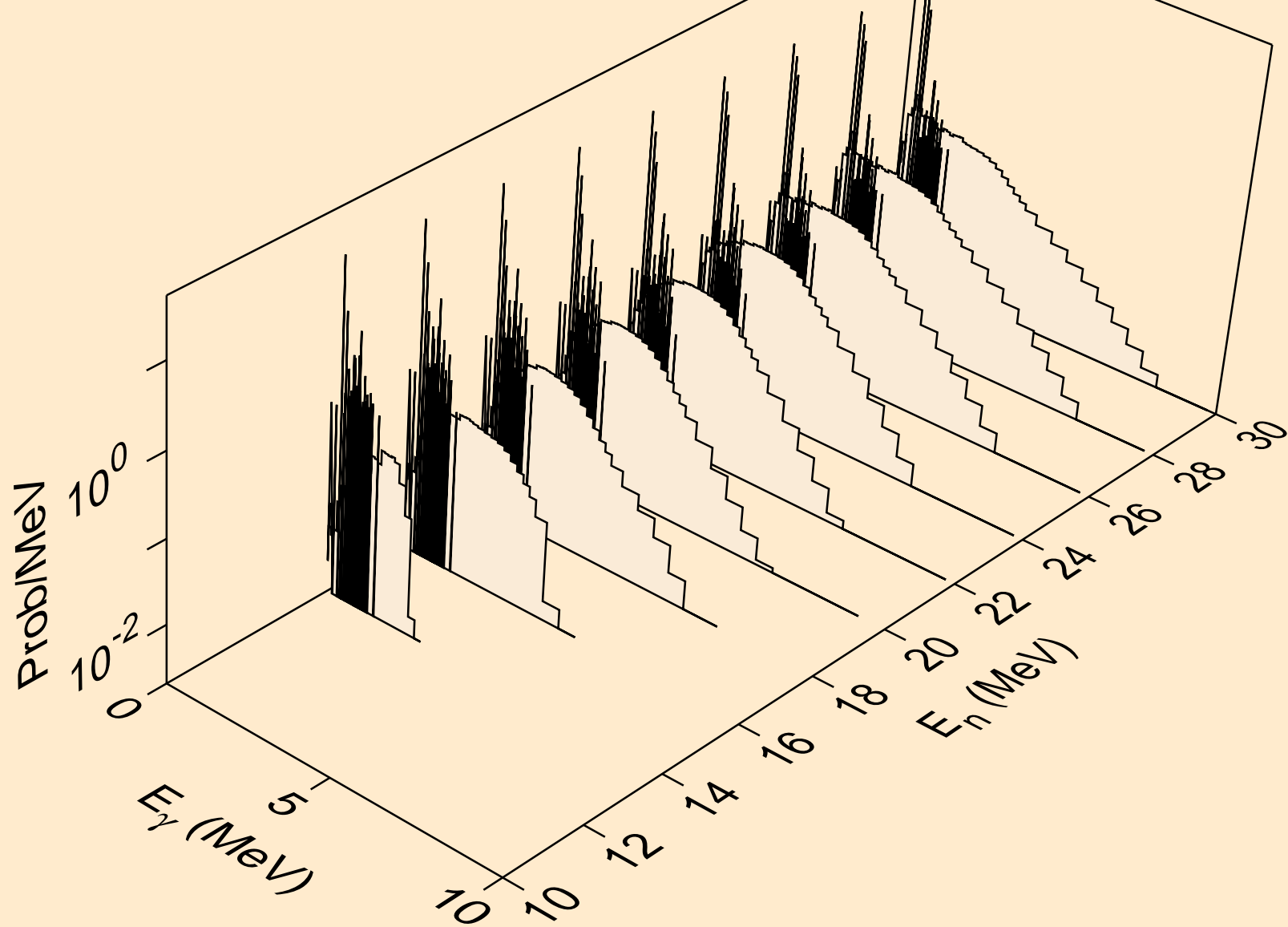
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

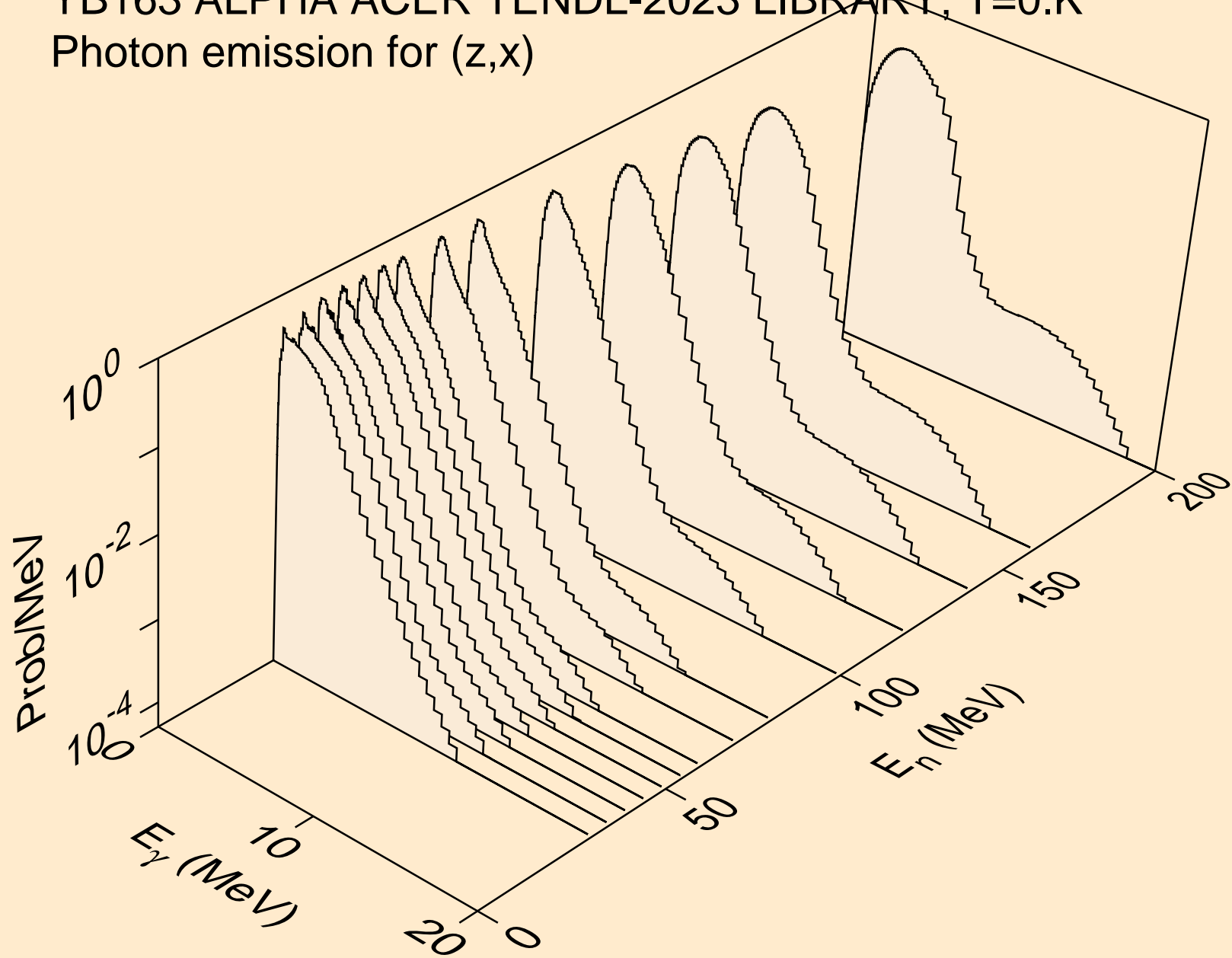


YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

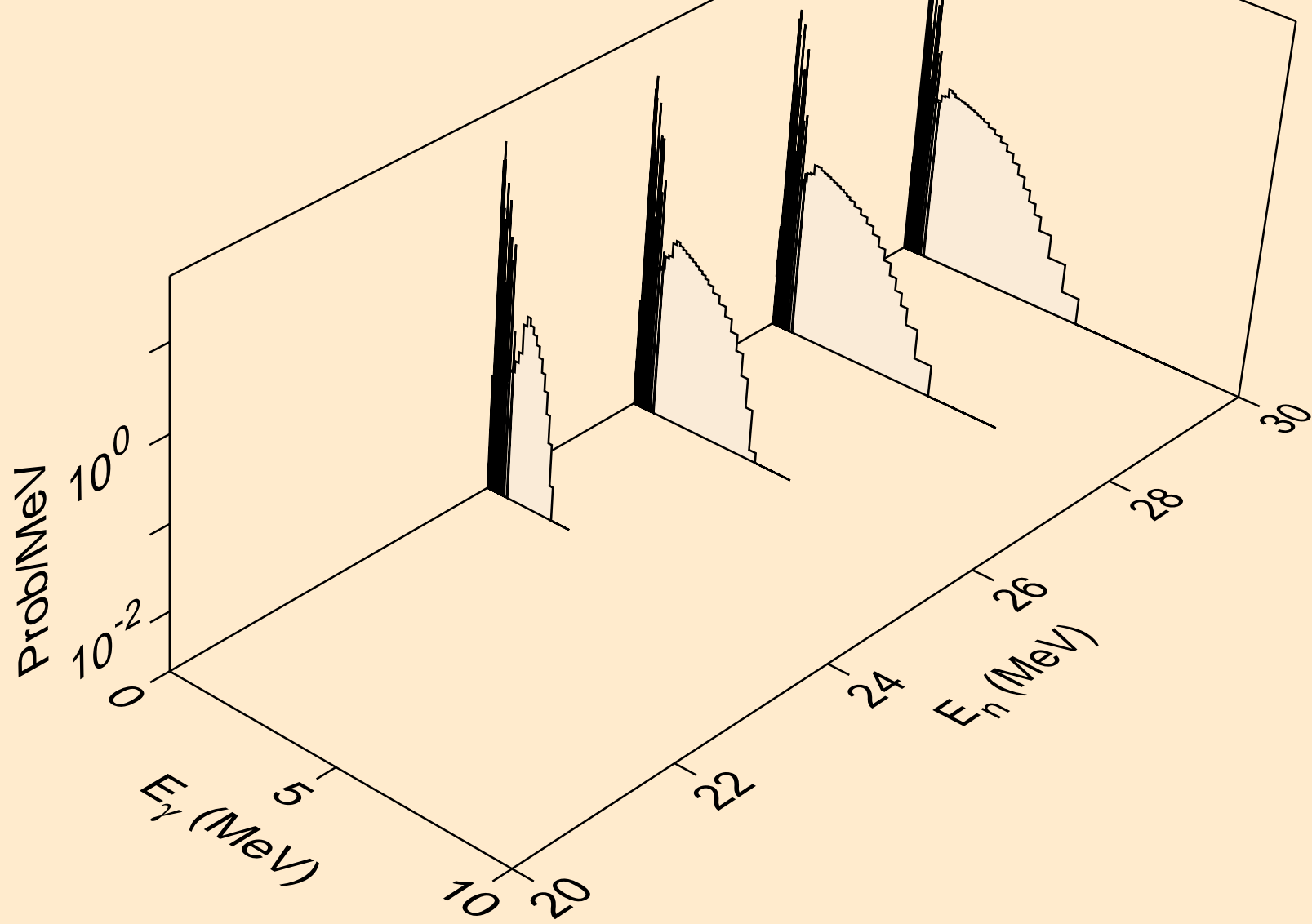




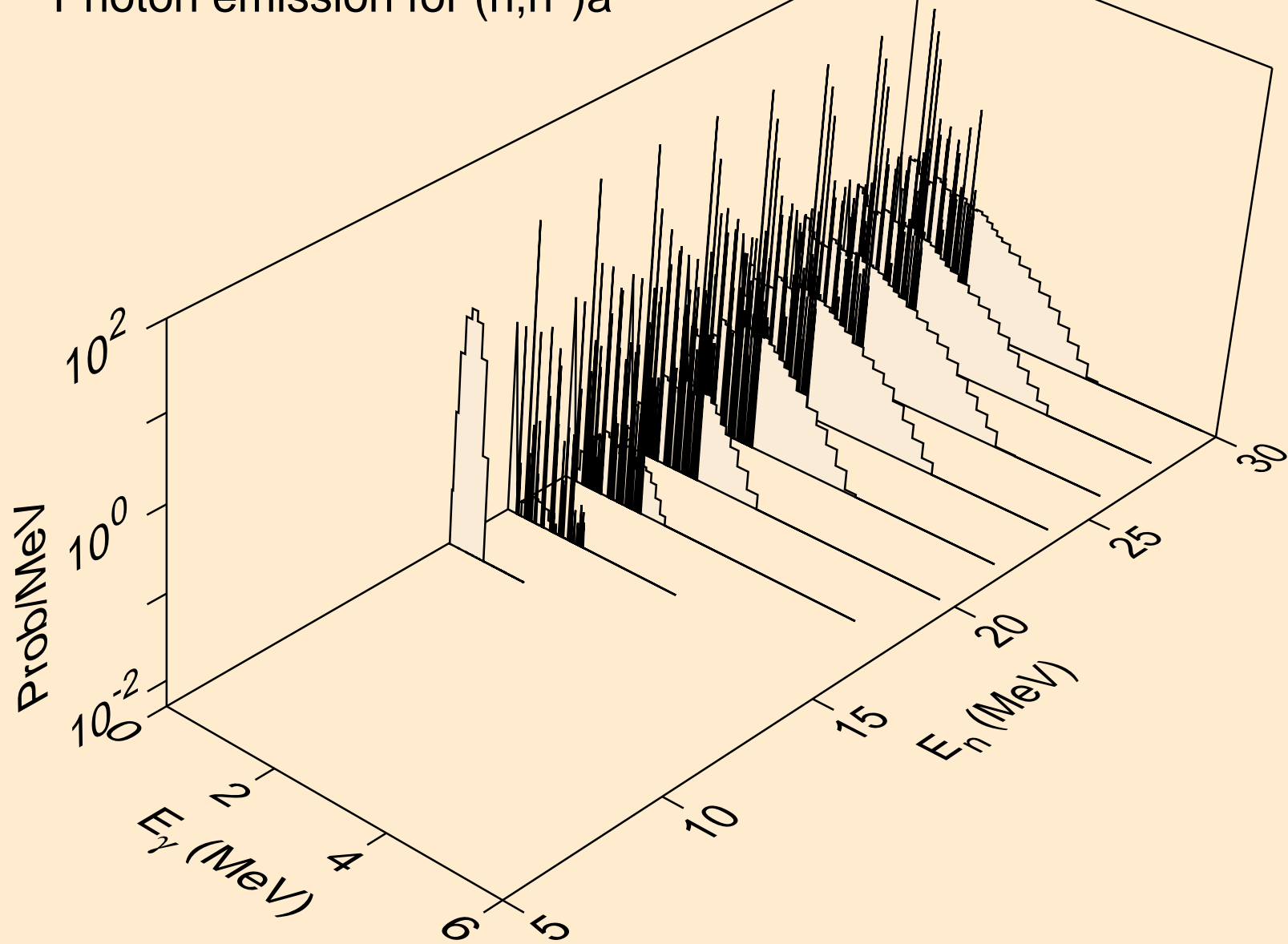
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



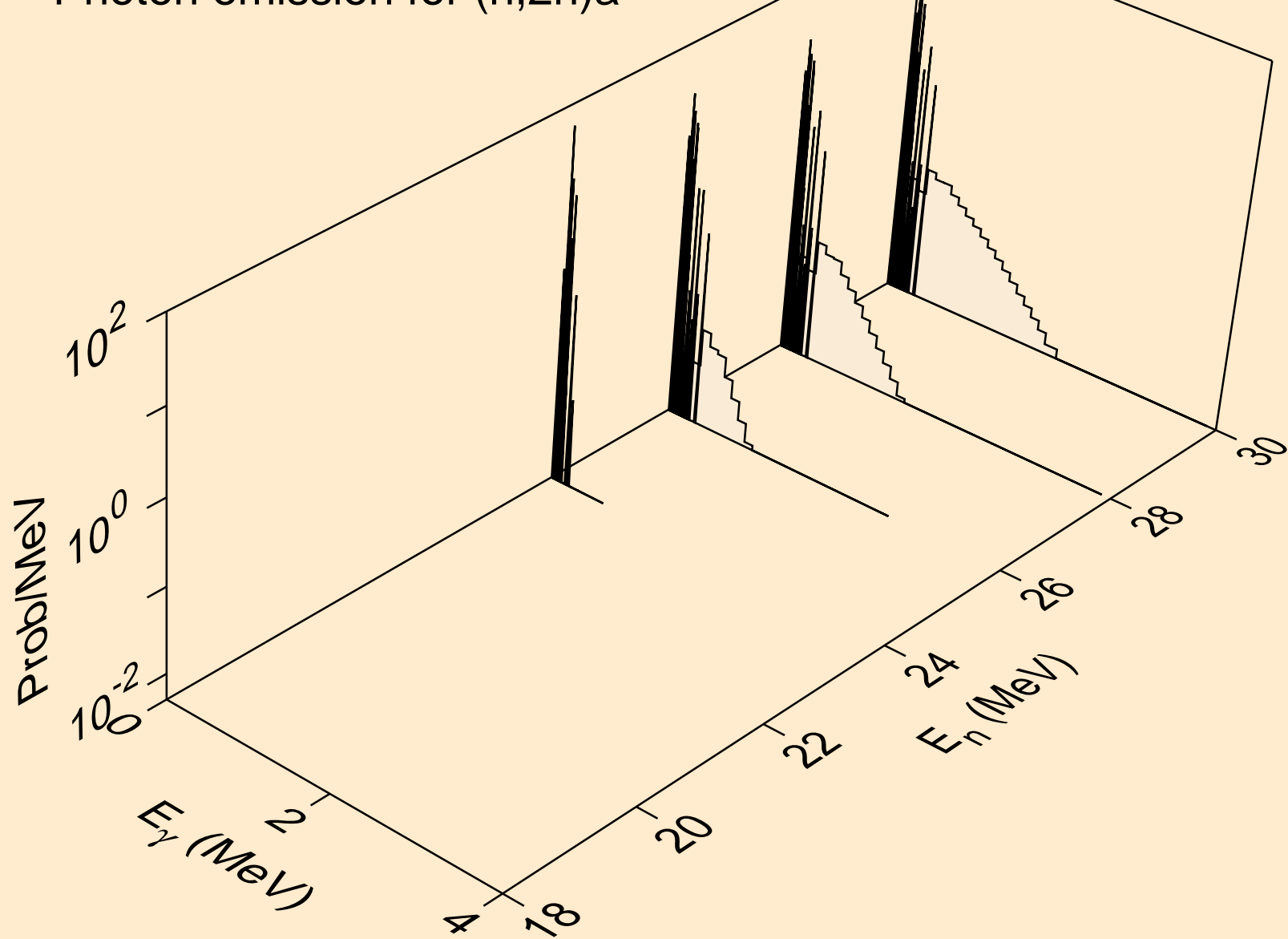
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



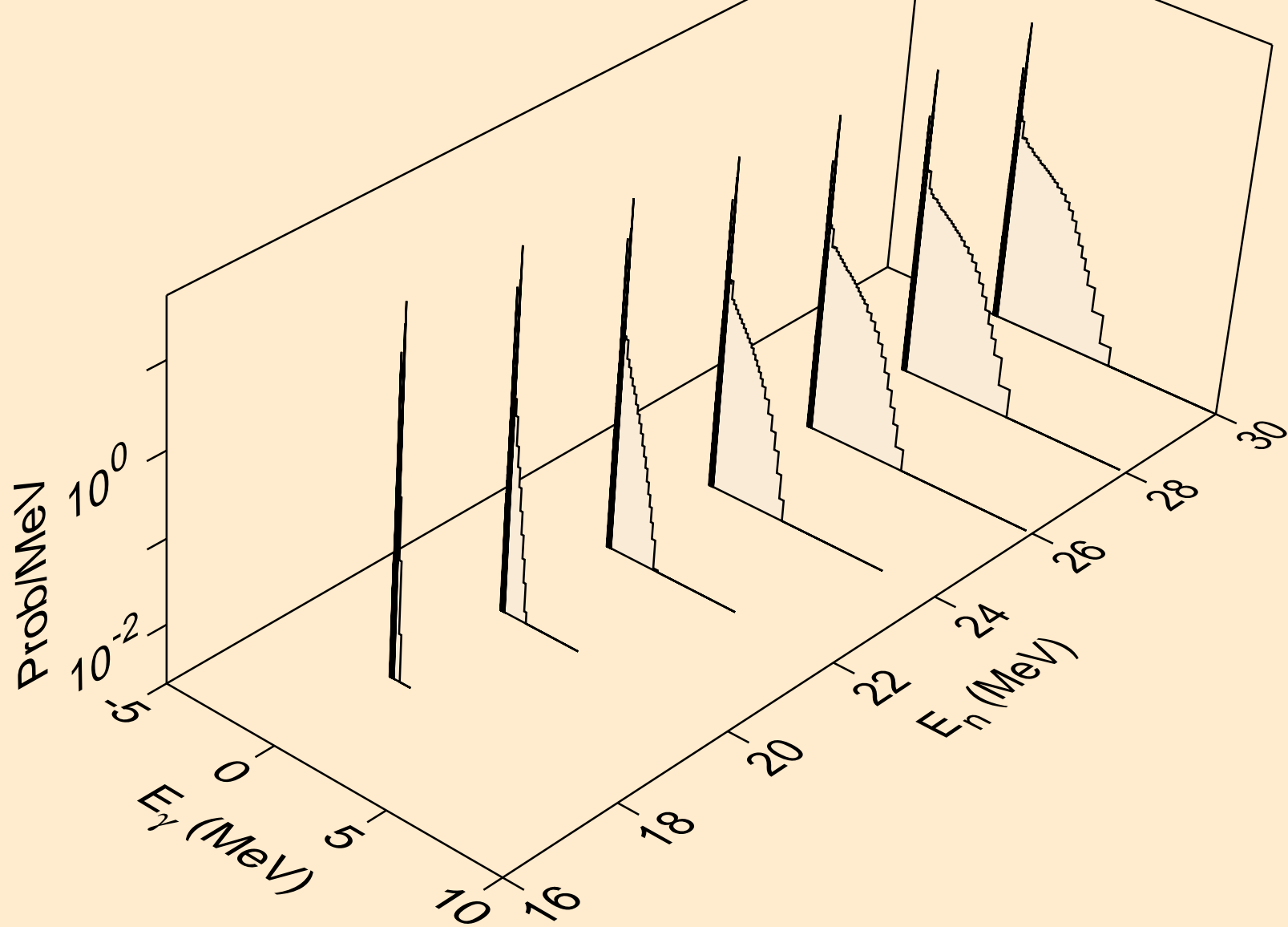
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



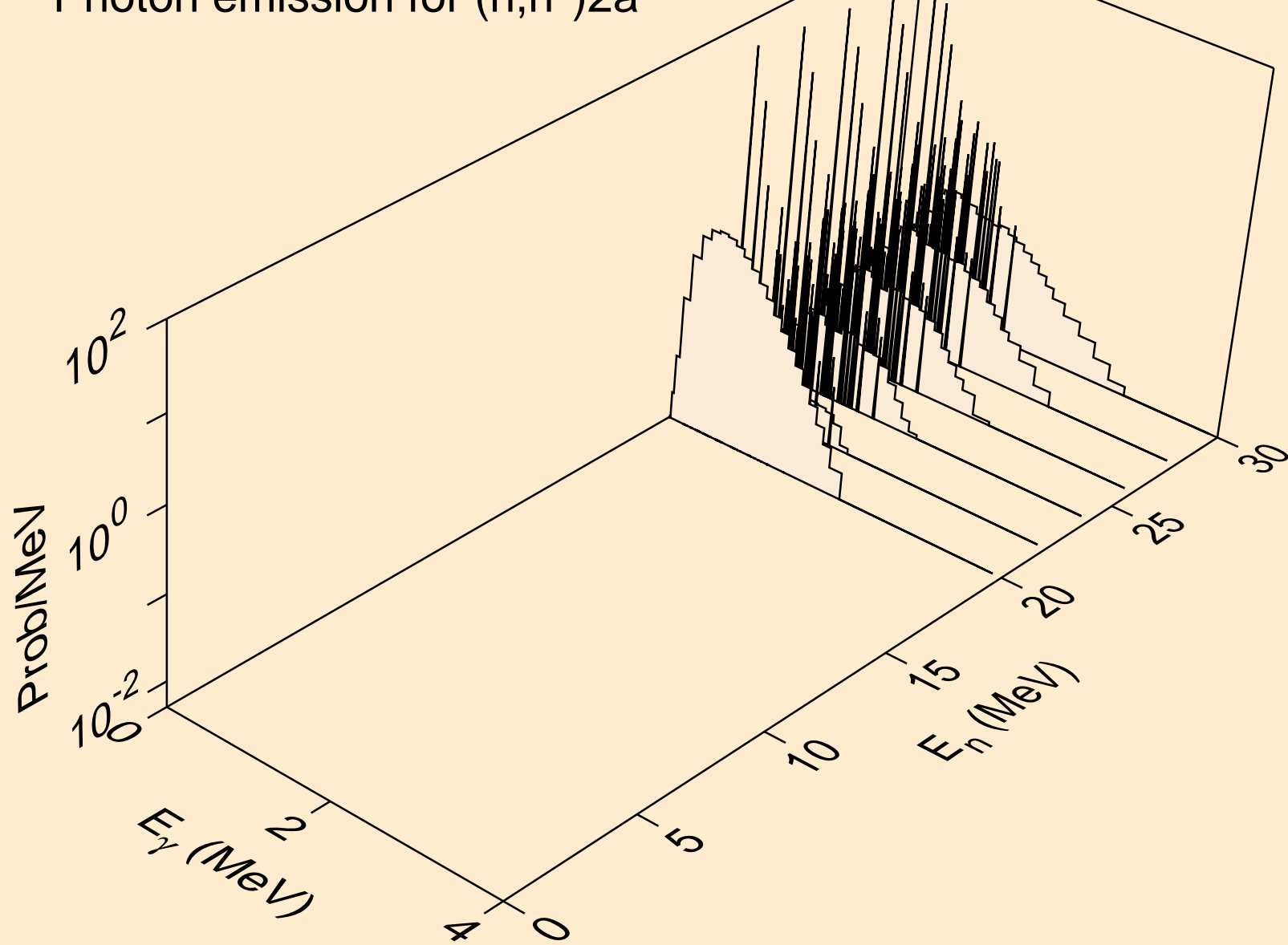
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



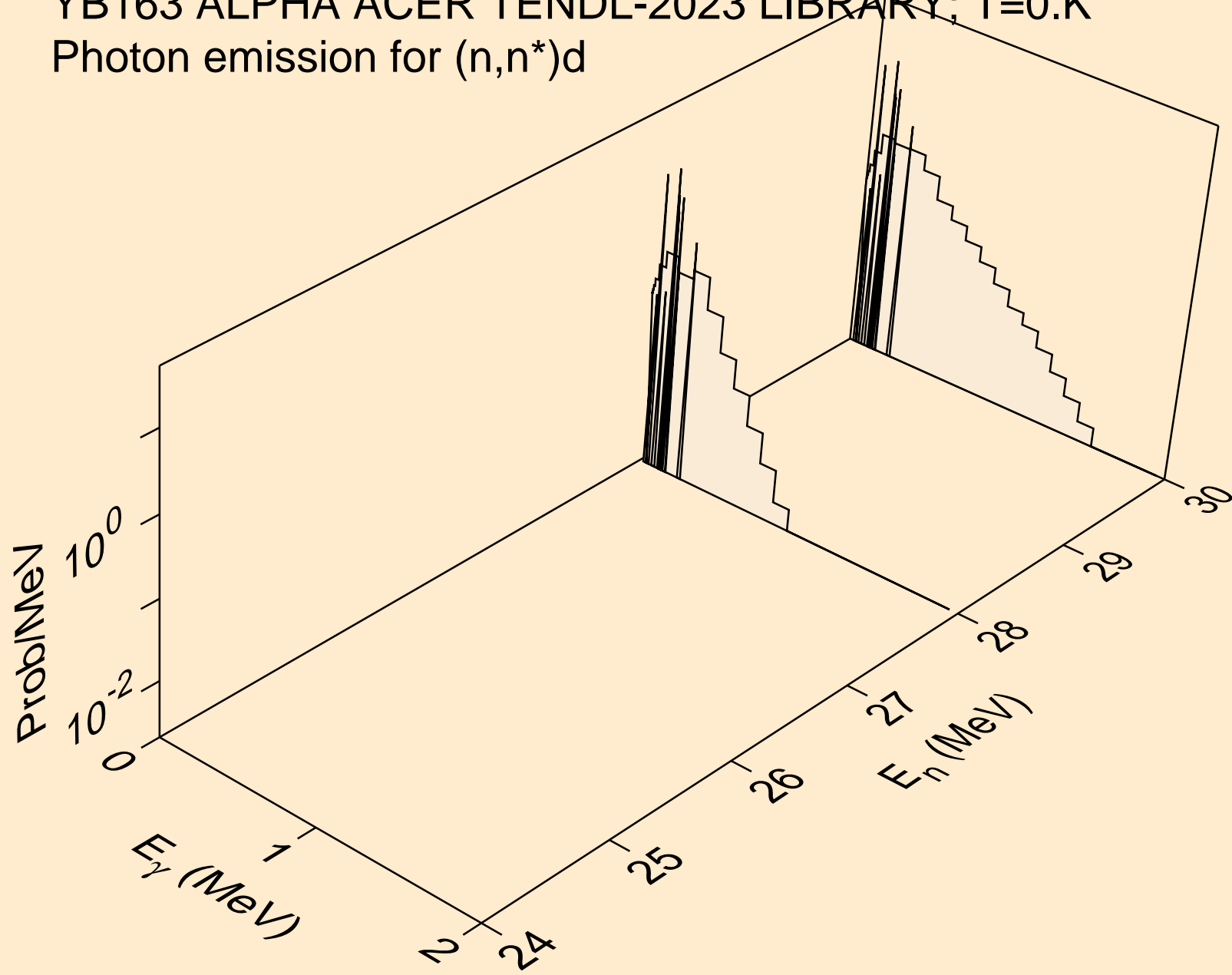
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



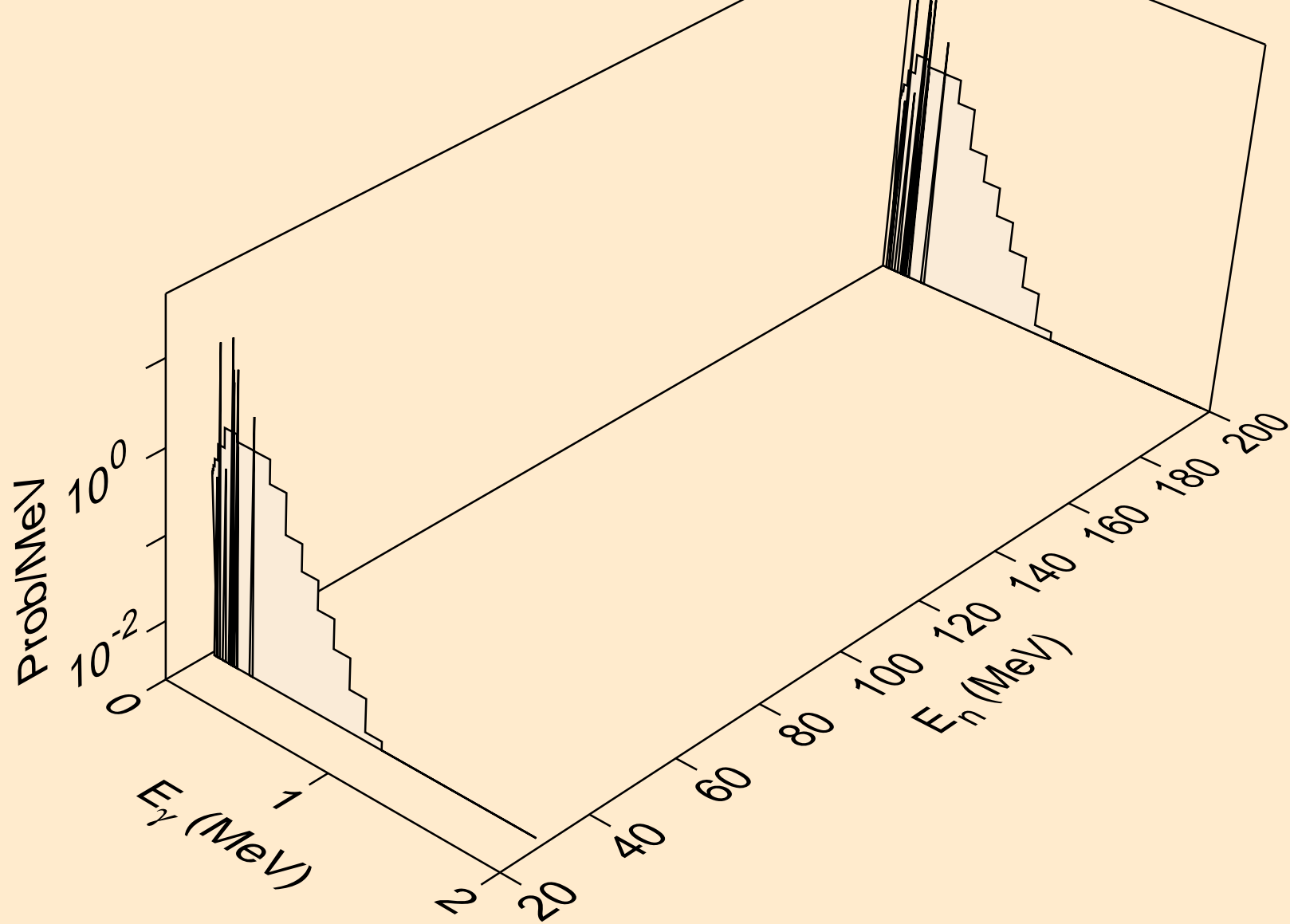
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

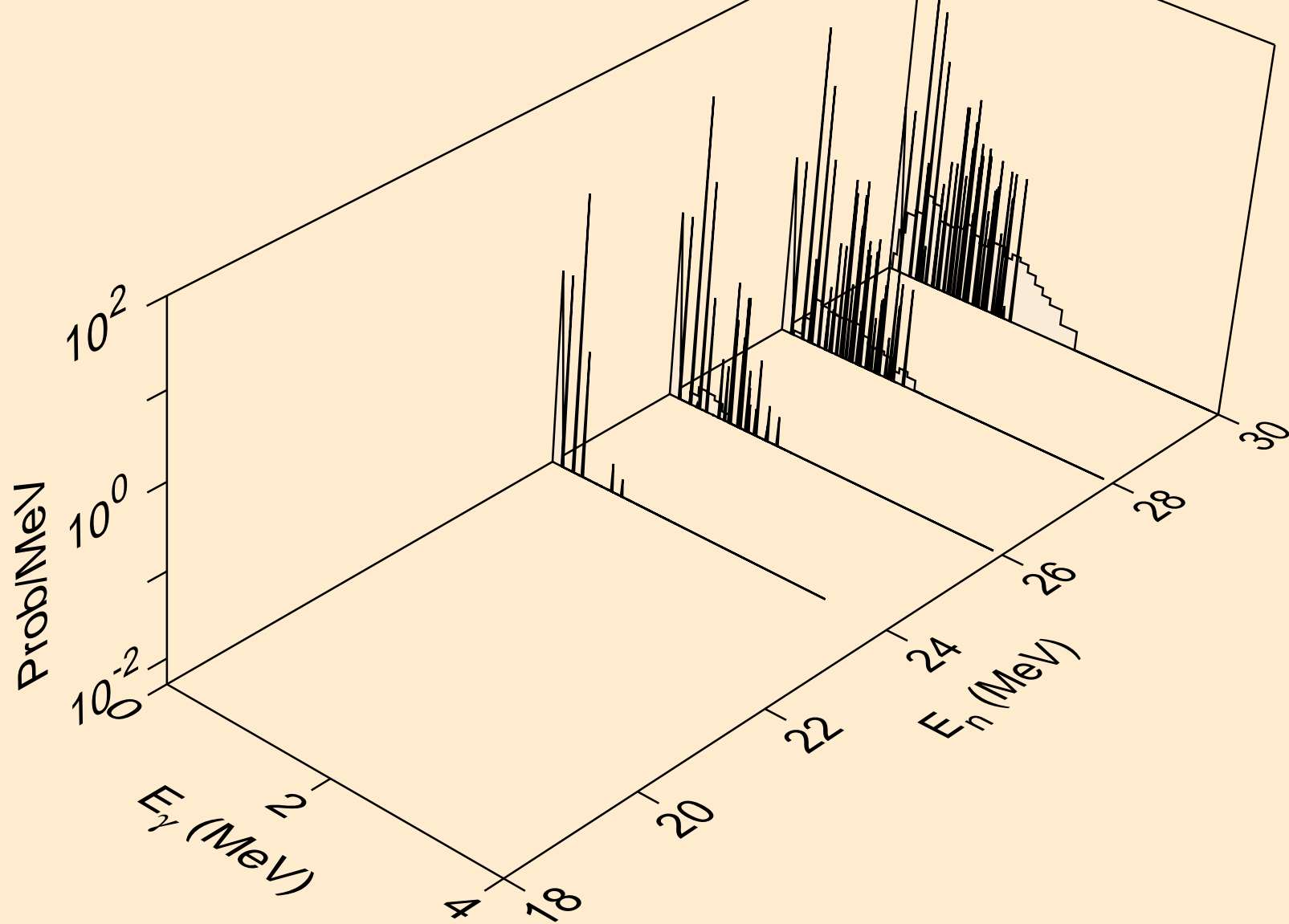


YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

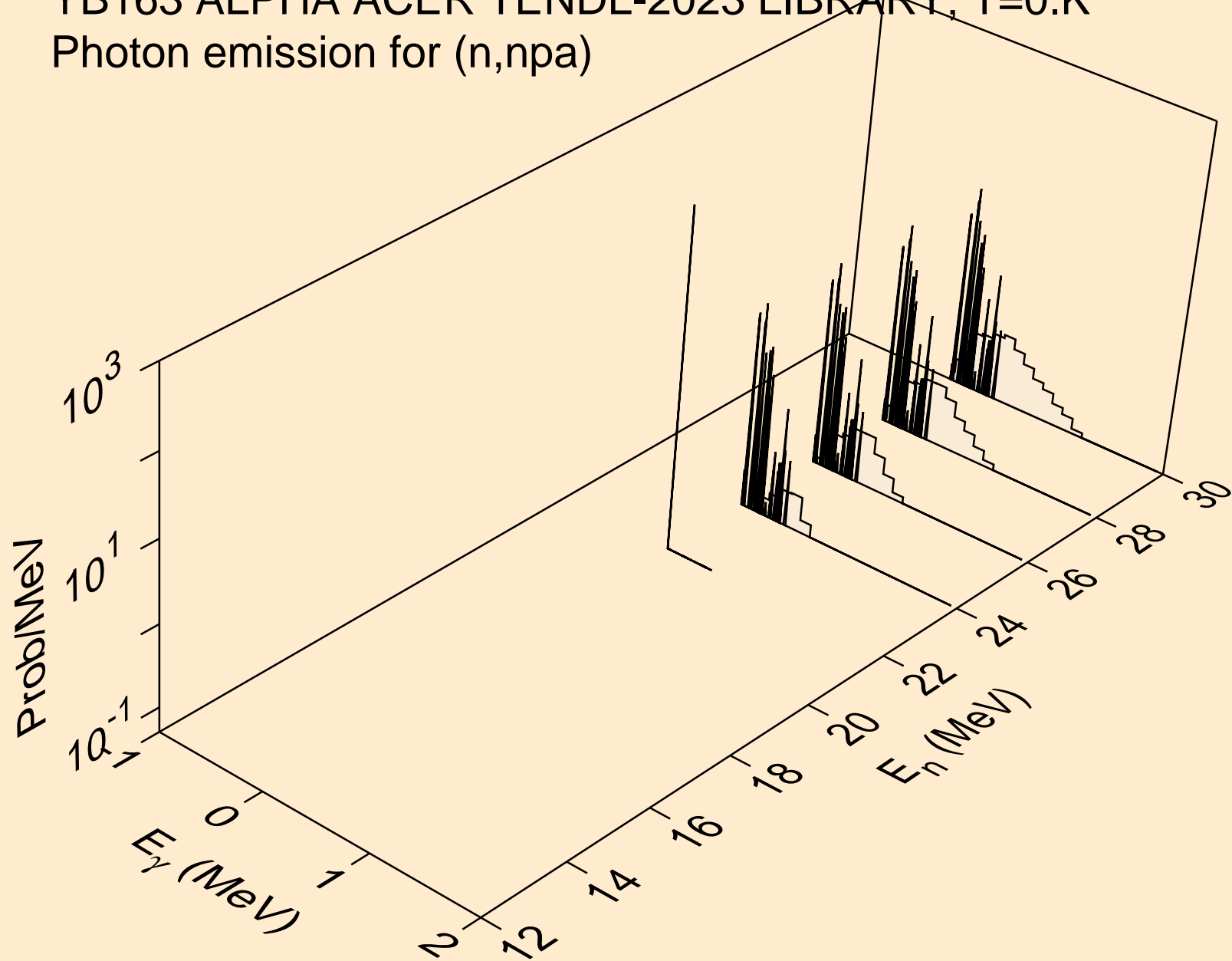




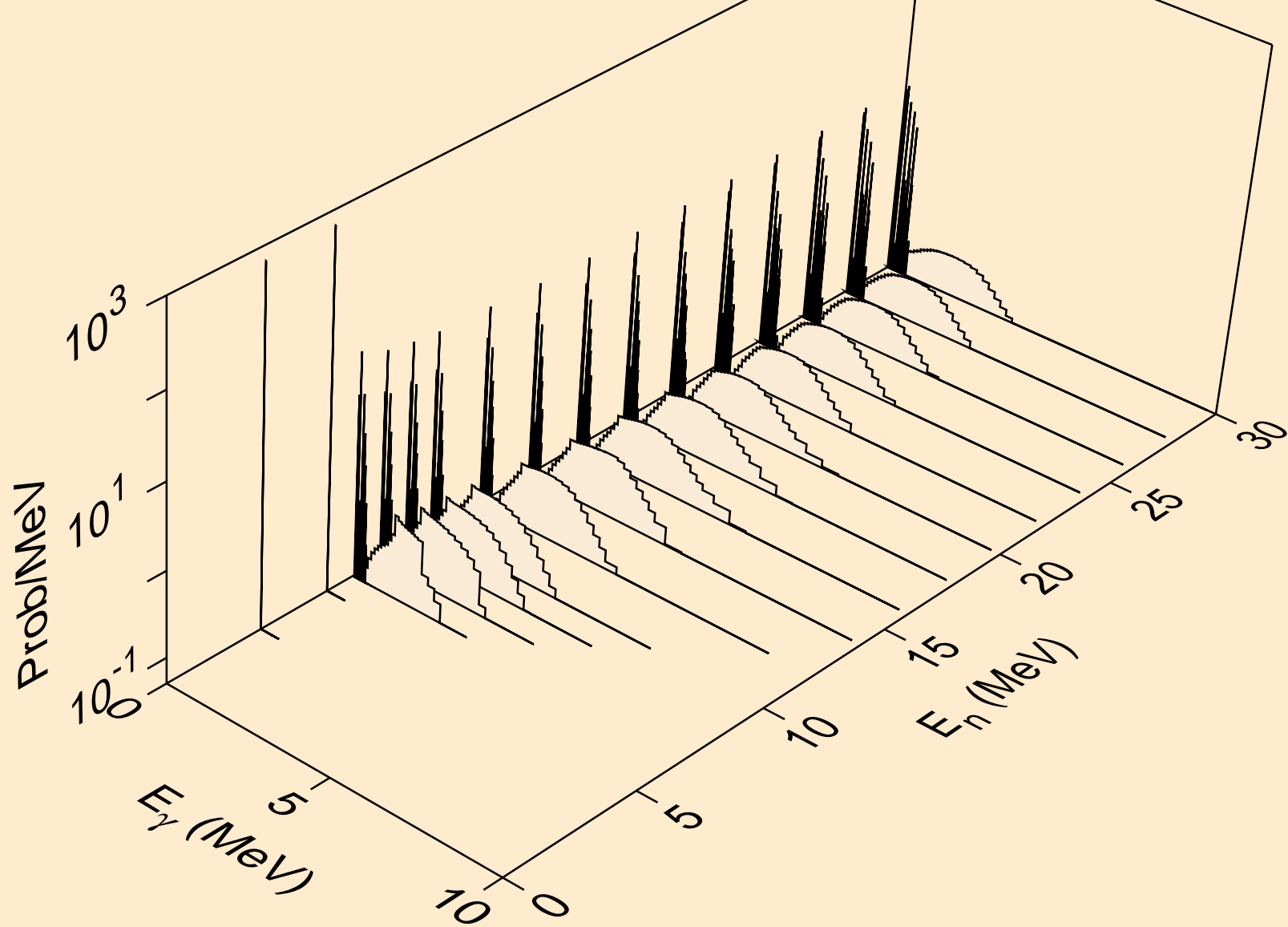
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



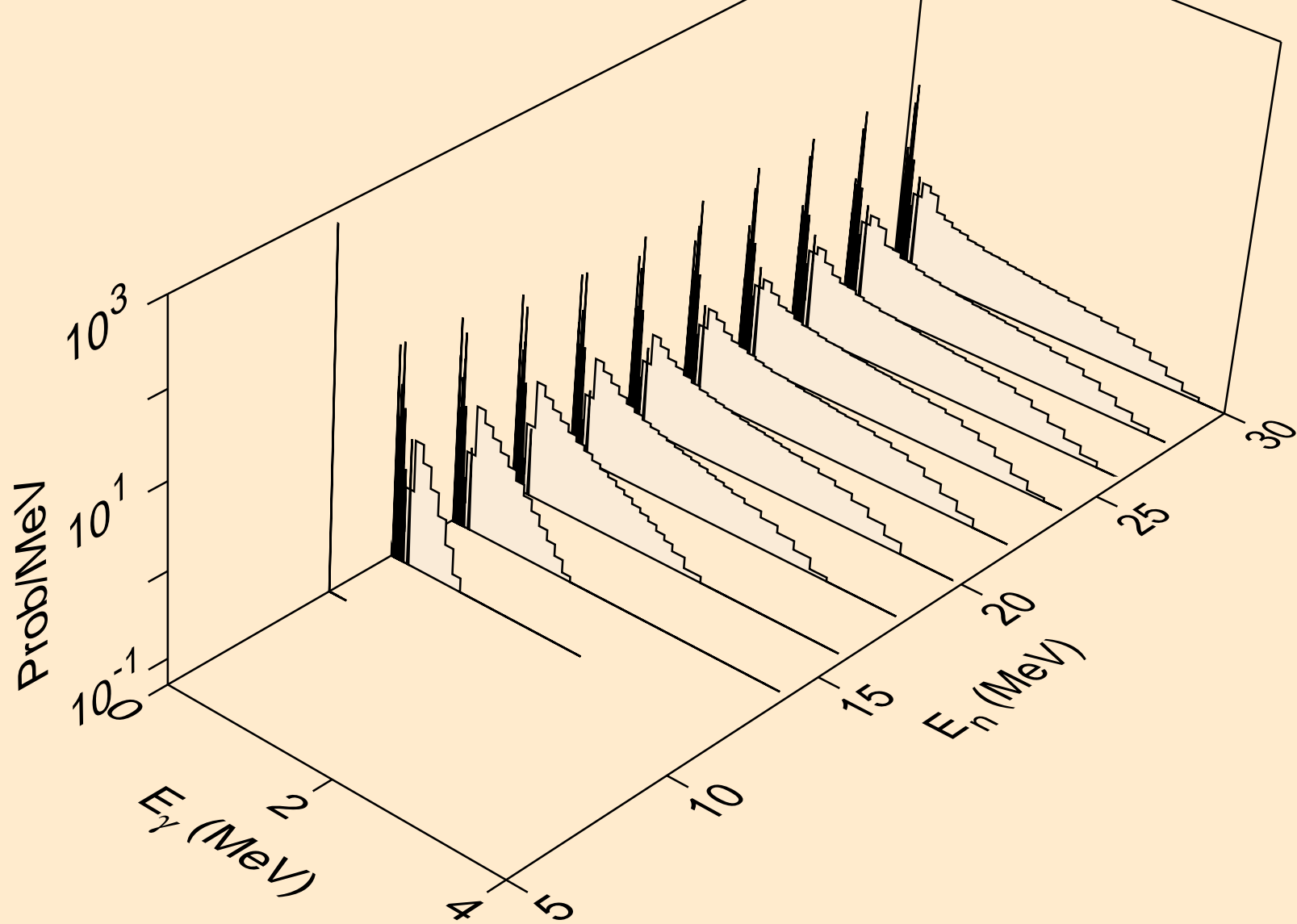
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Photon emission for (n,npa)



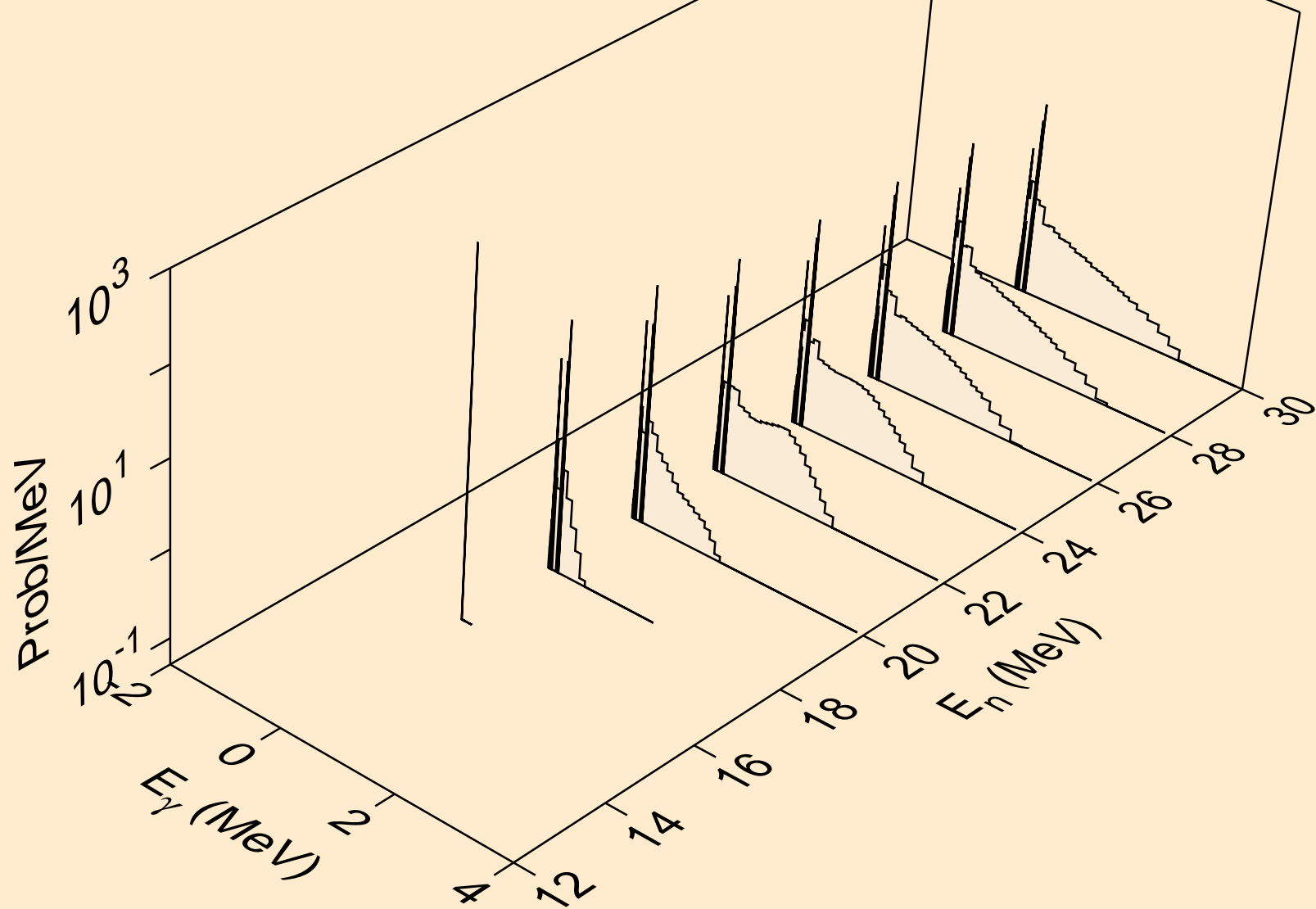
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



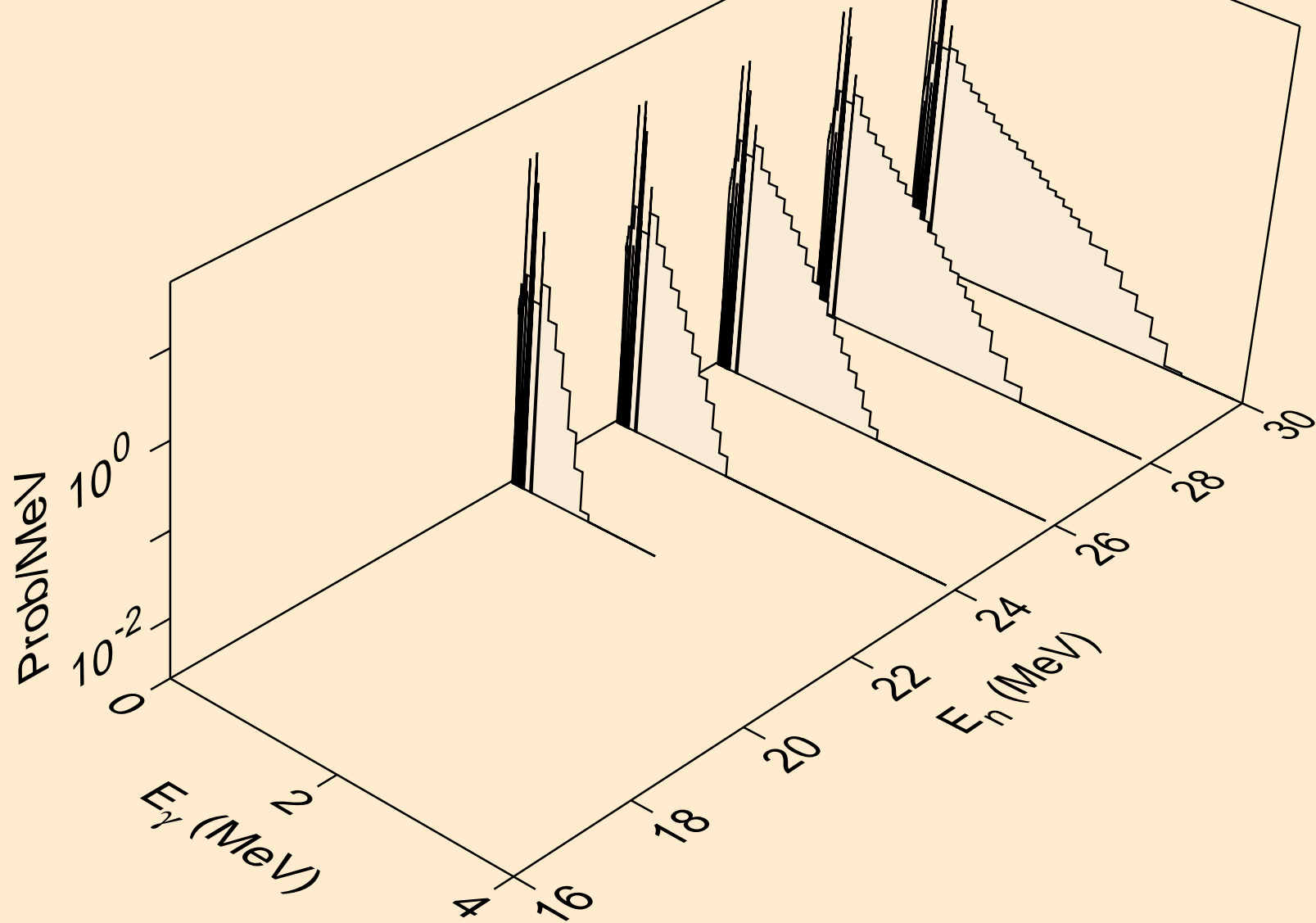
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



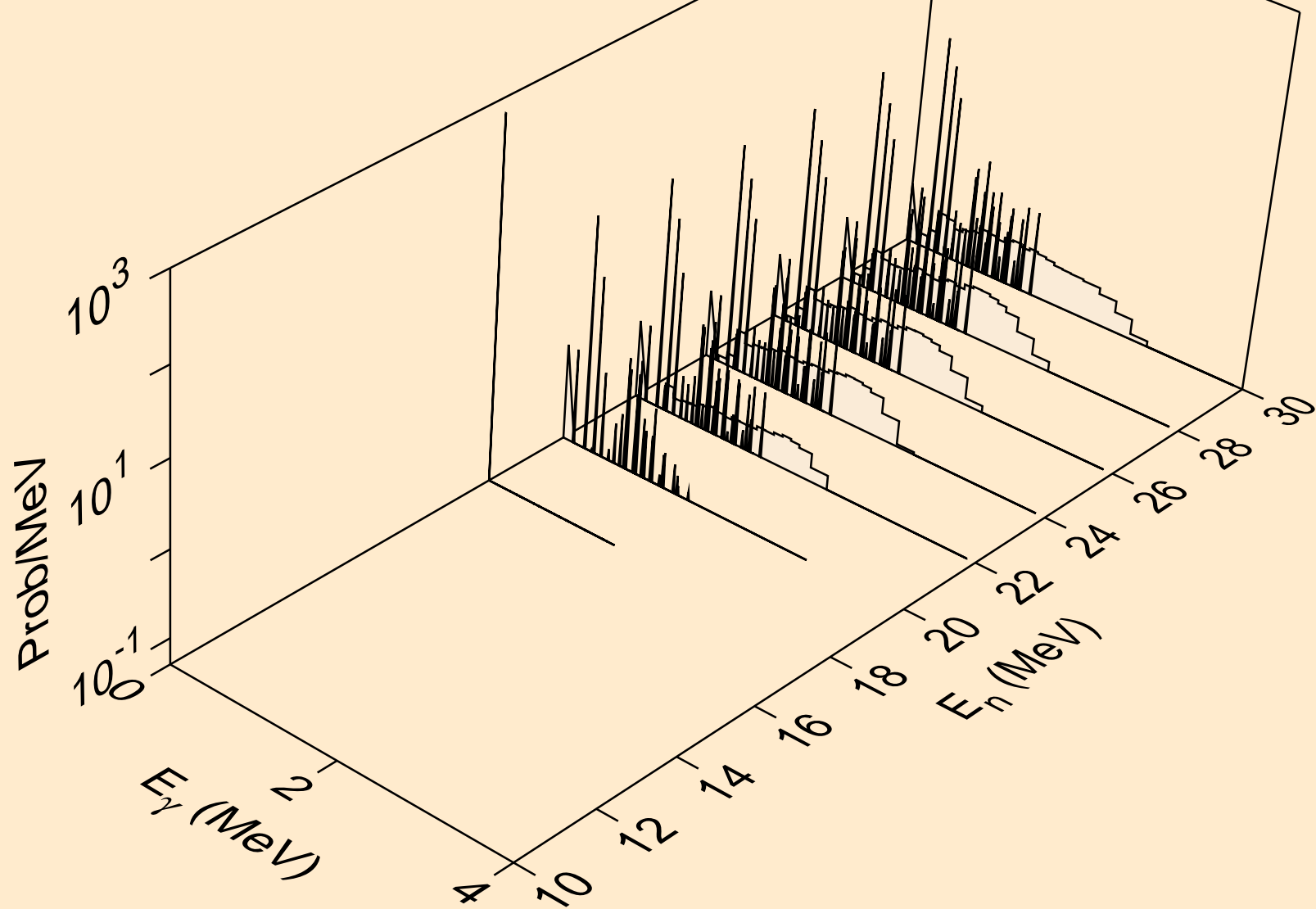
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



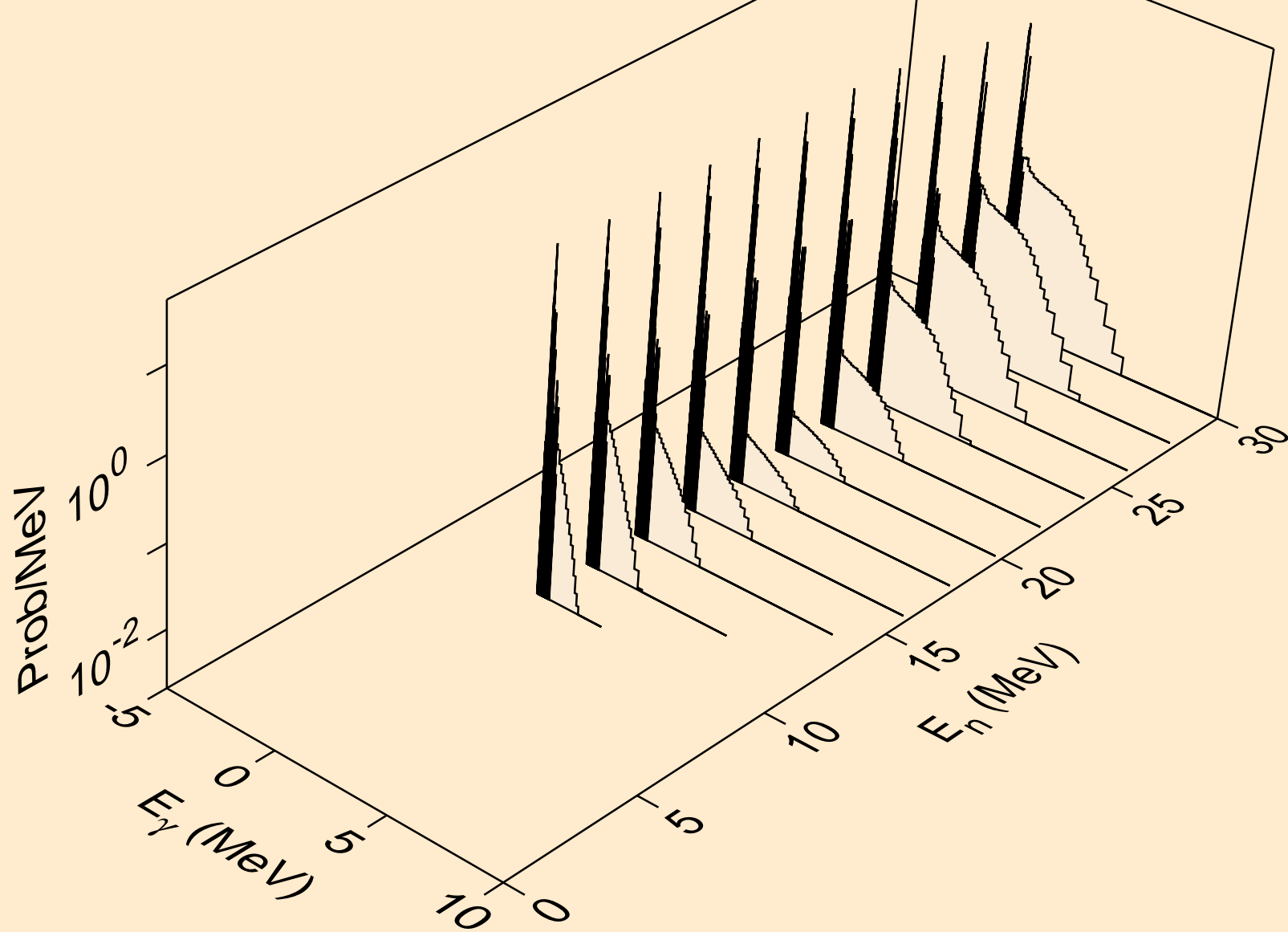
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

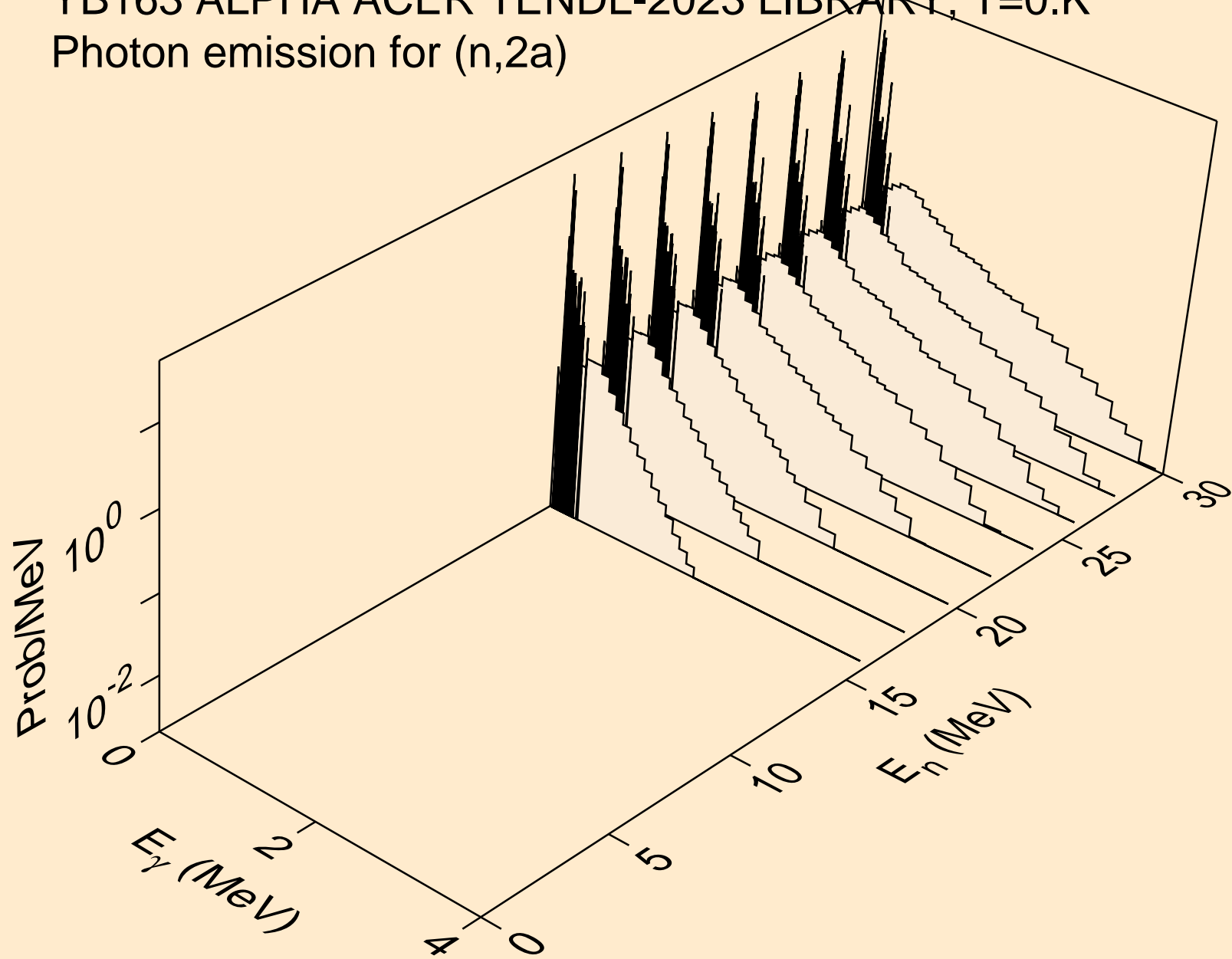


YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

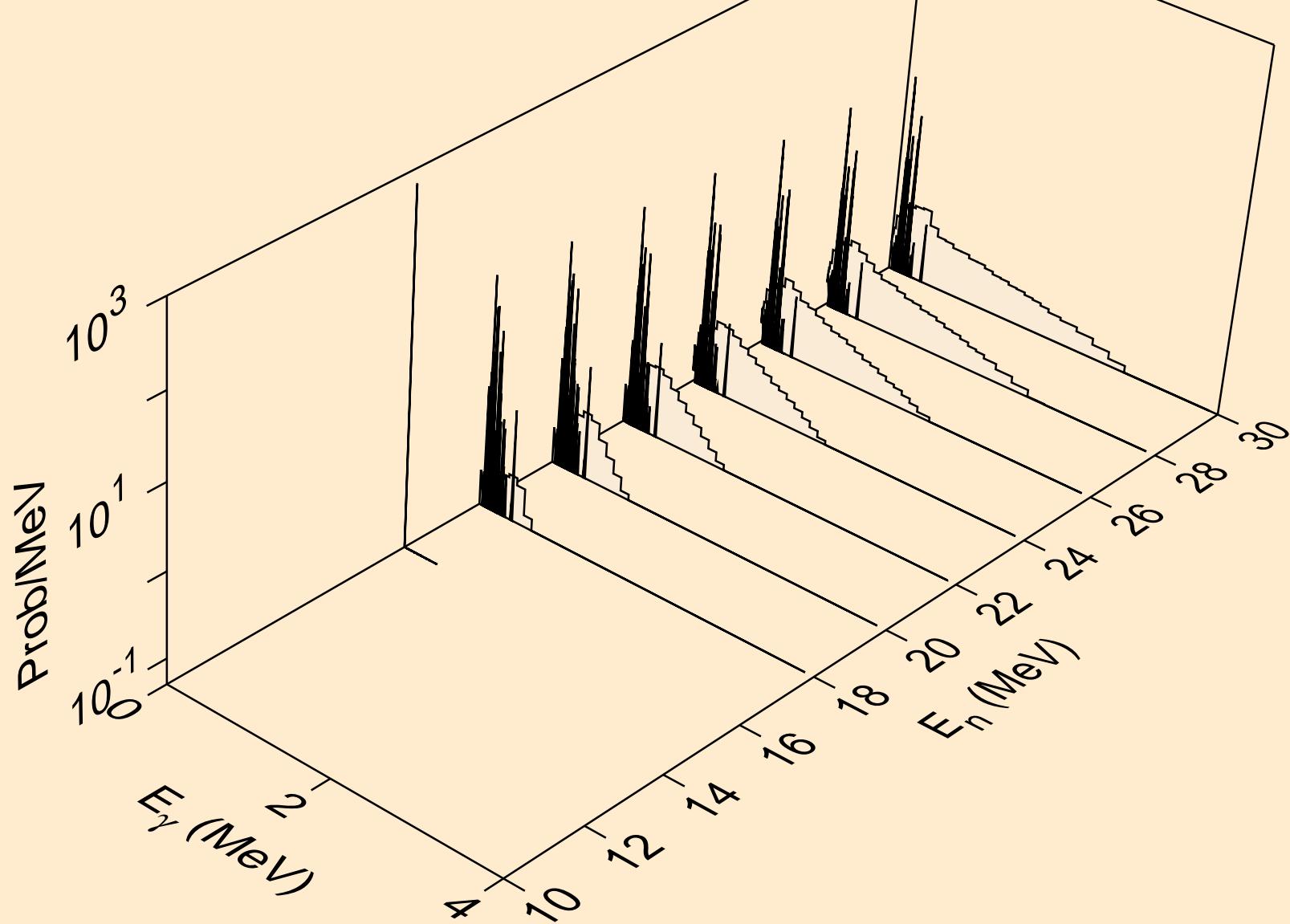




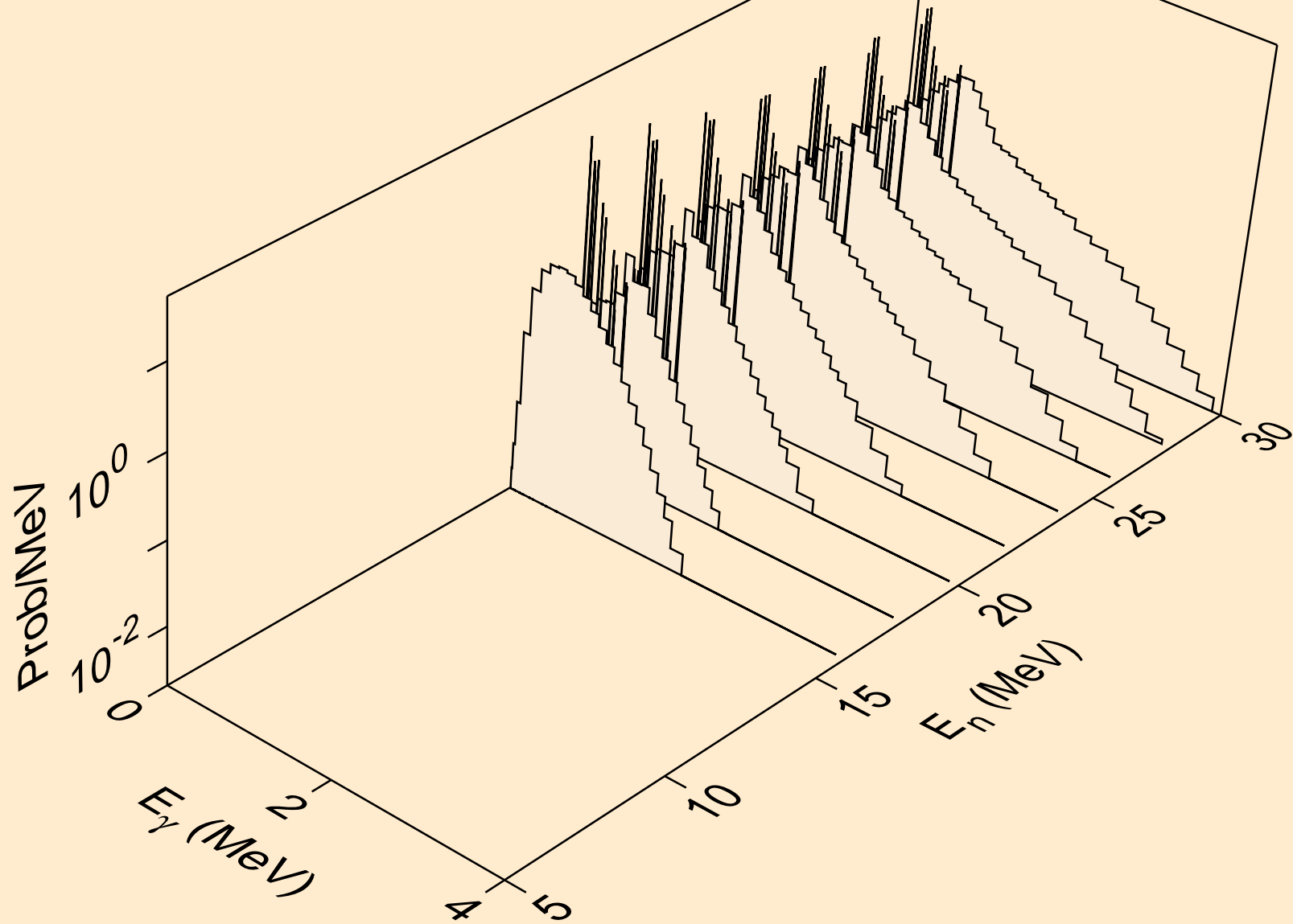
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



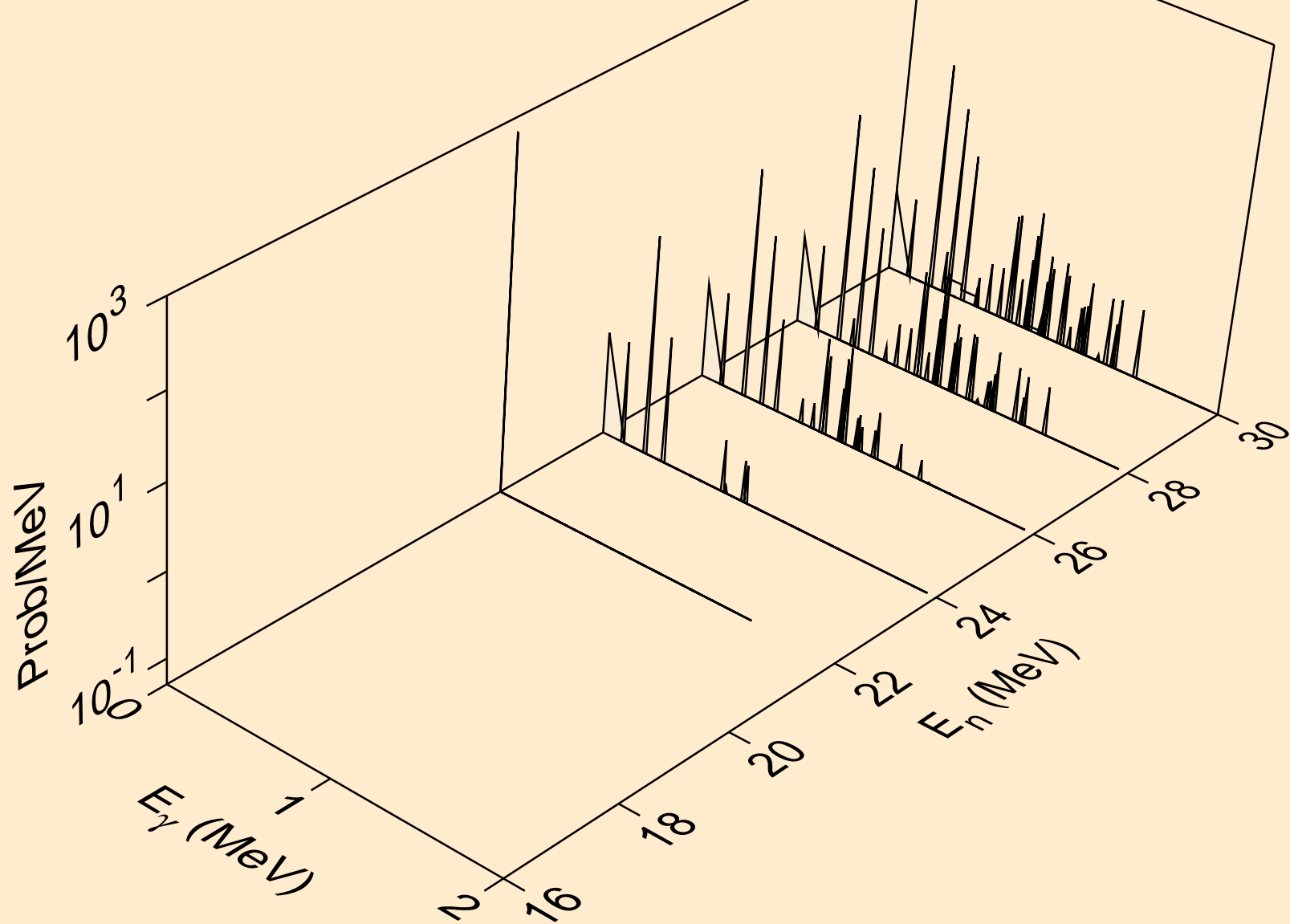
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Photon emission for (n,2p)



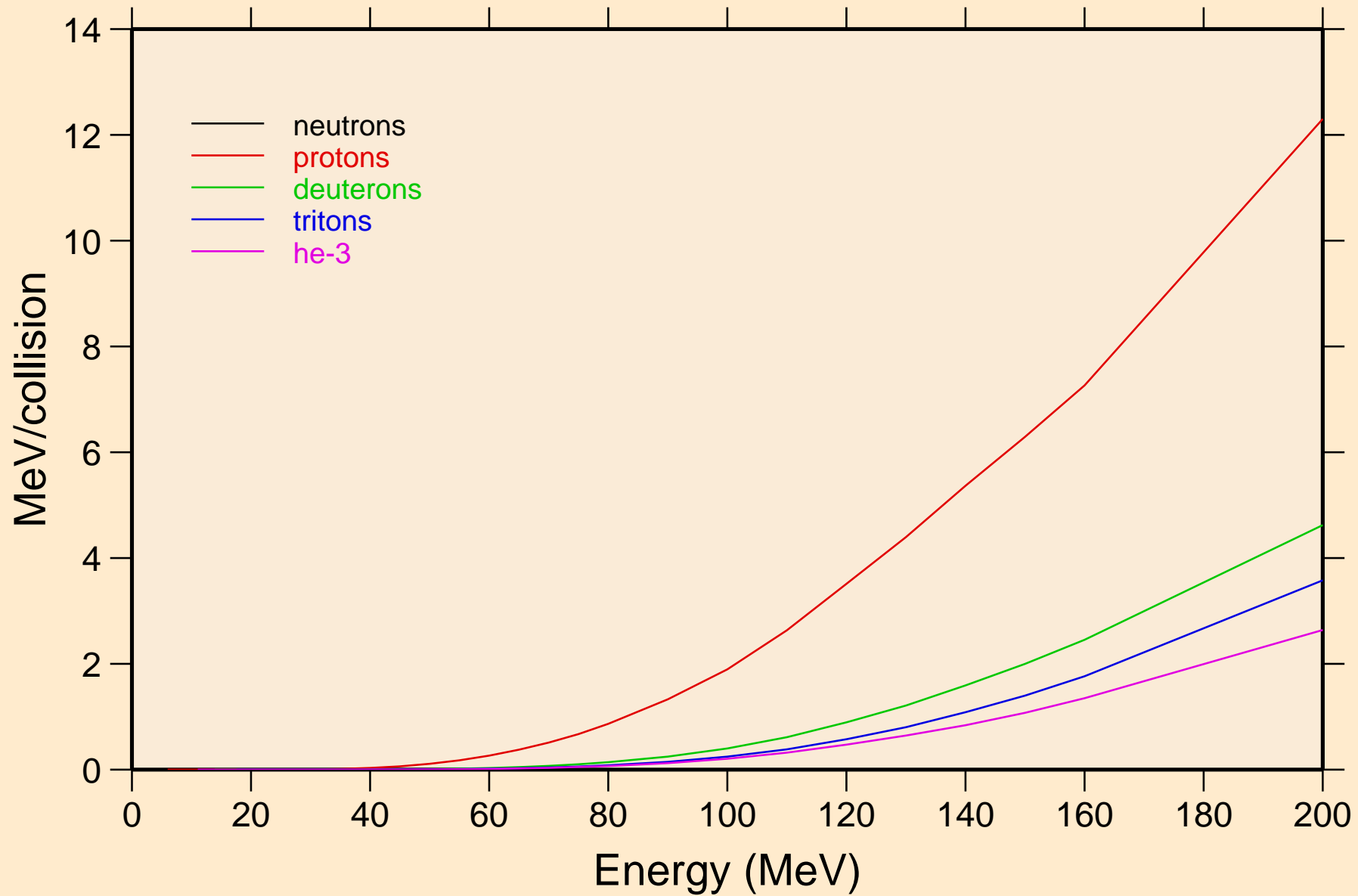
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



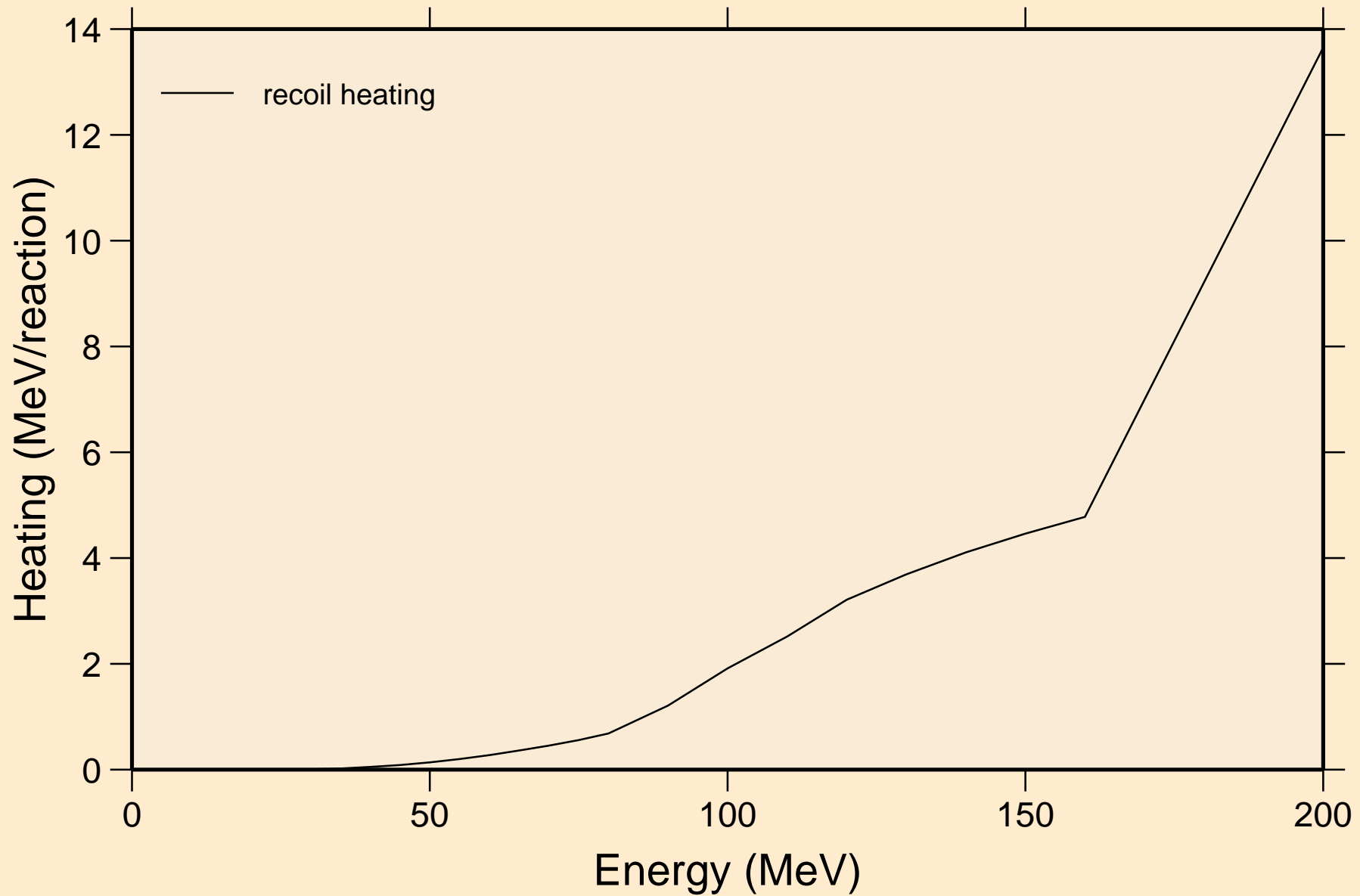
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



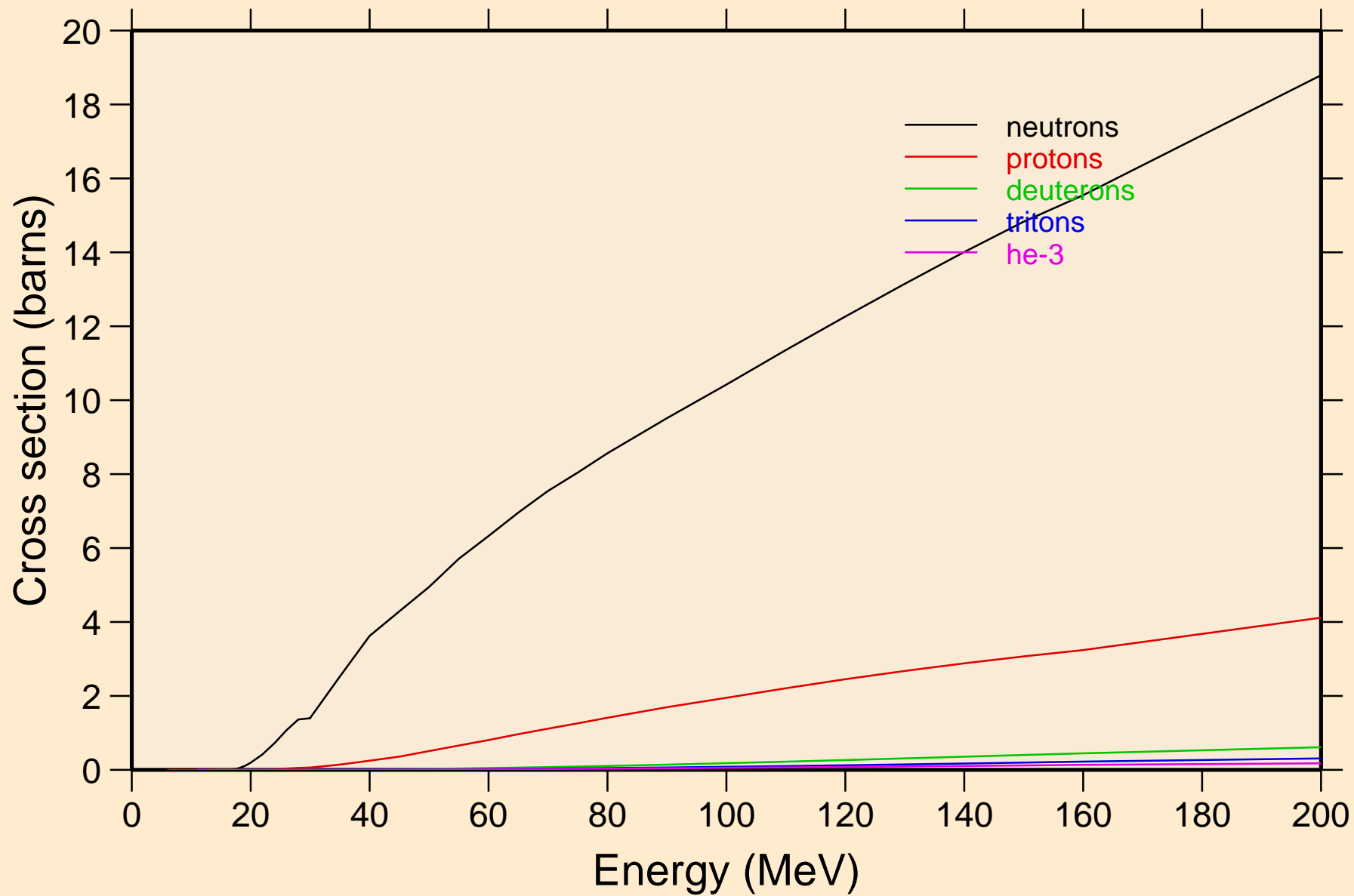
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



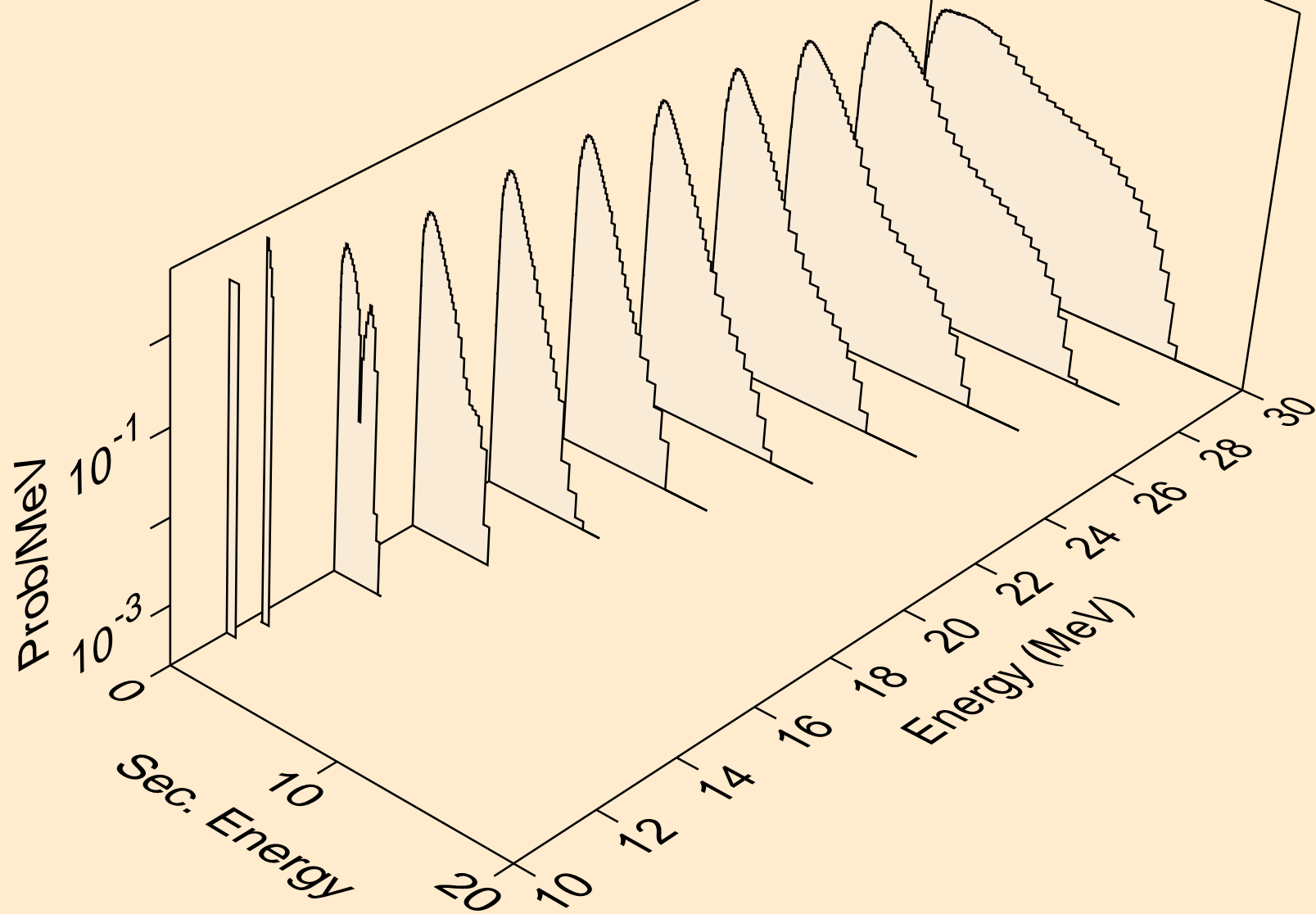
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

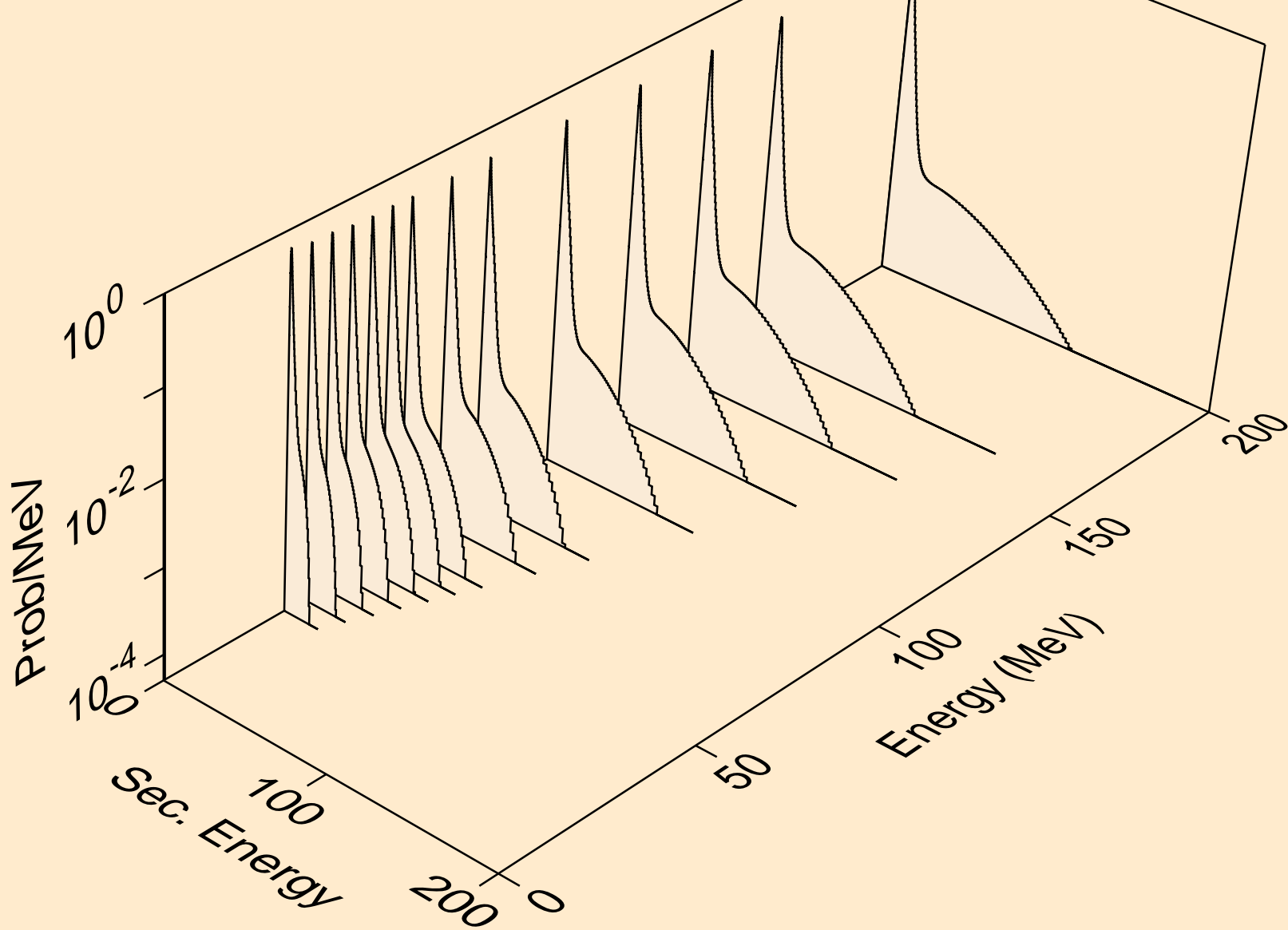


YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

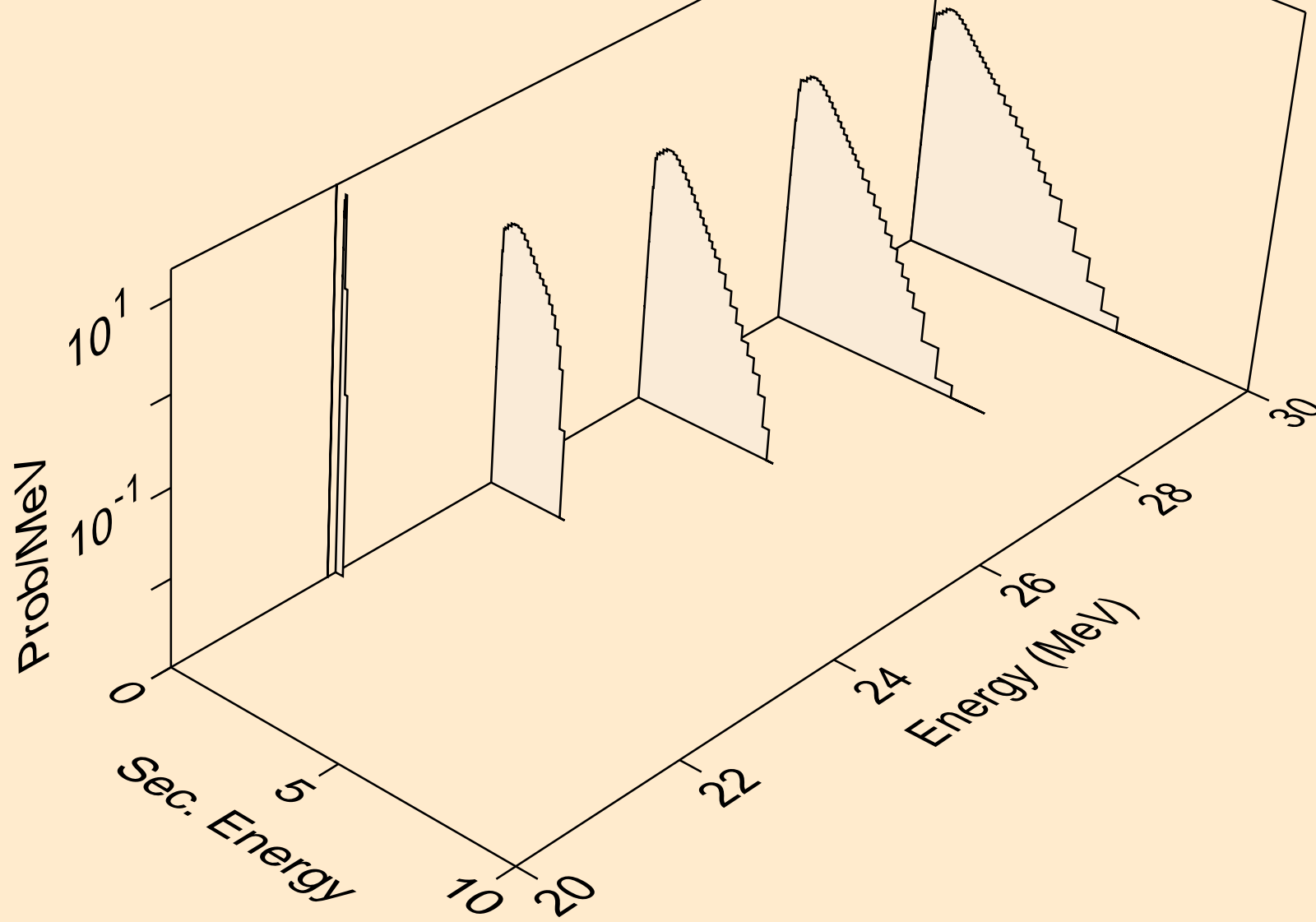




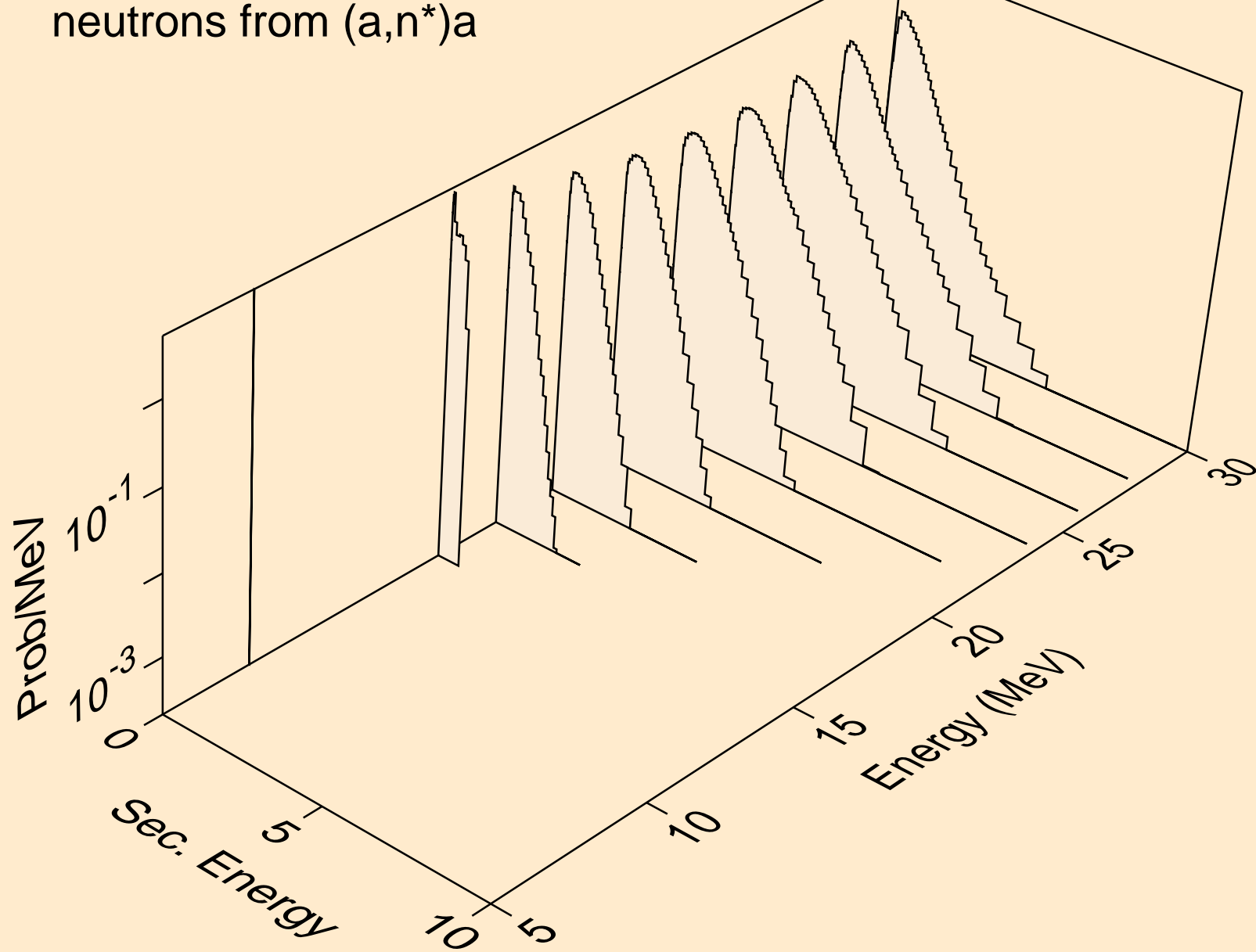
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



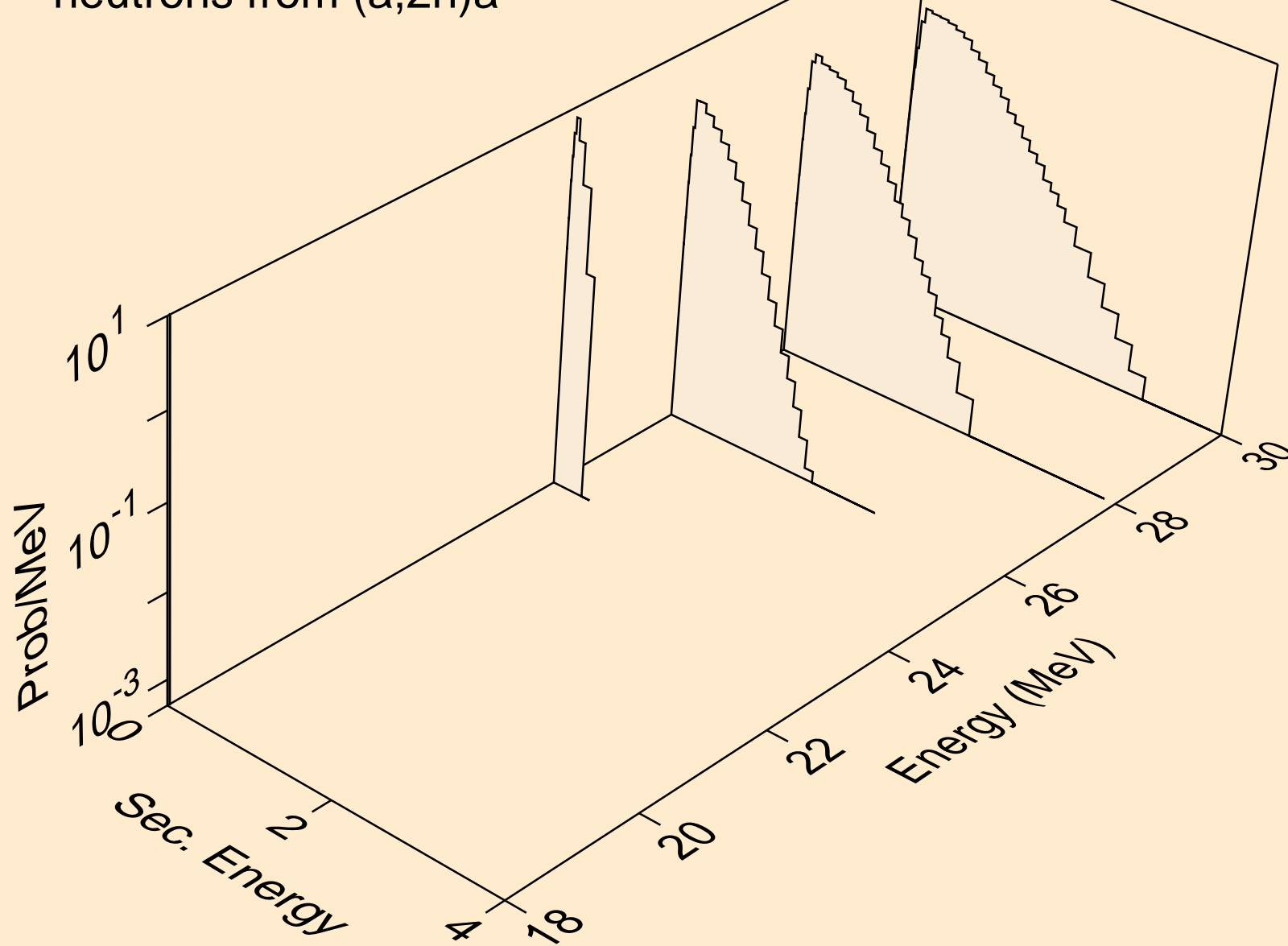
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



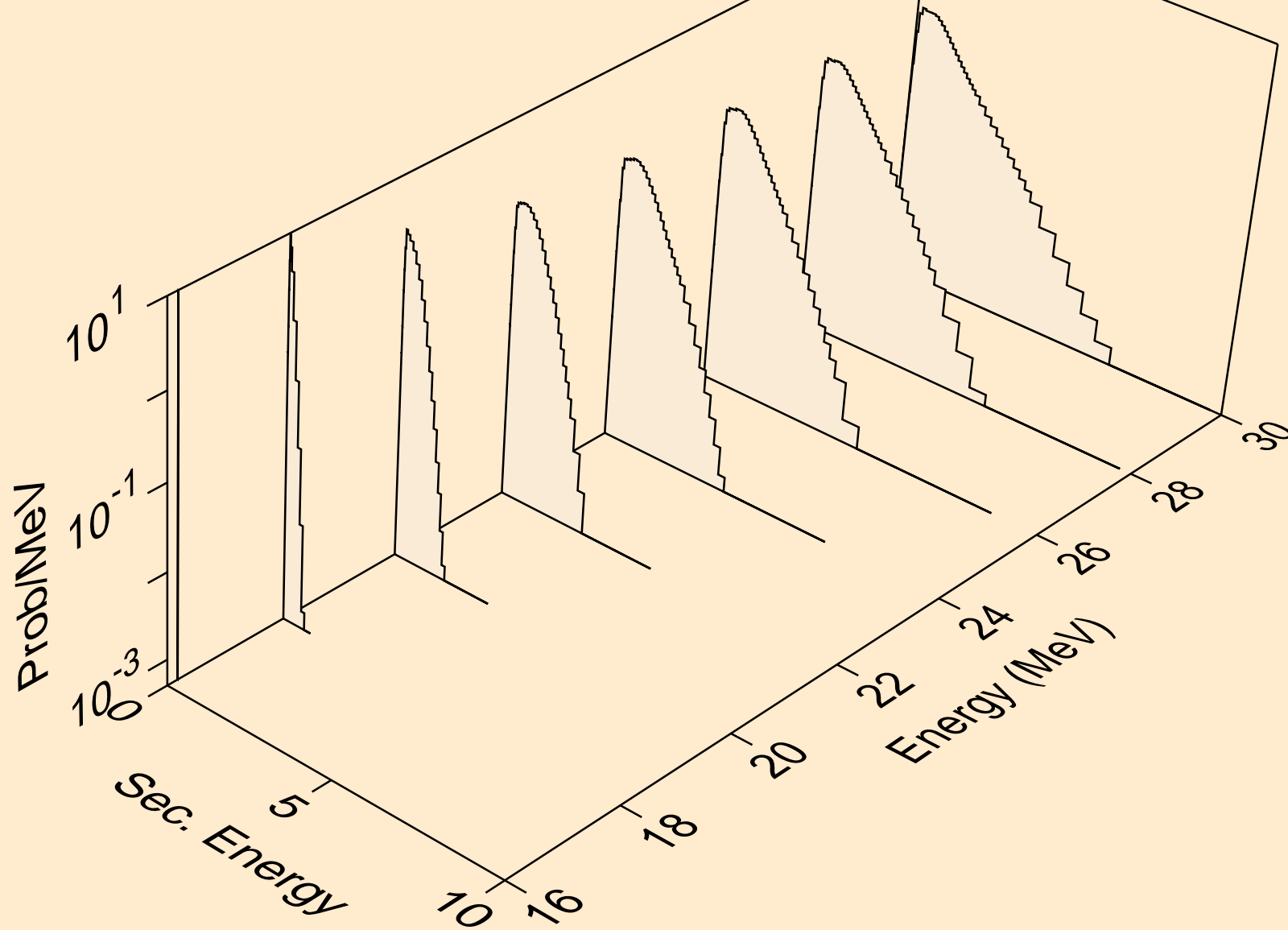
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



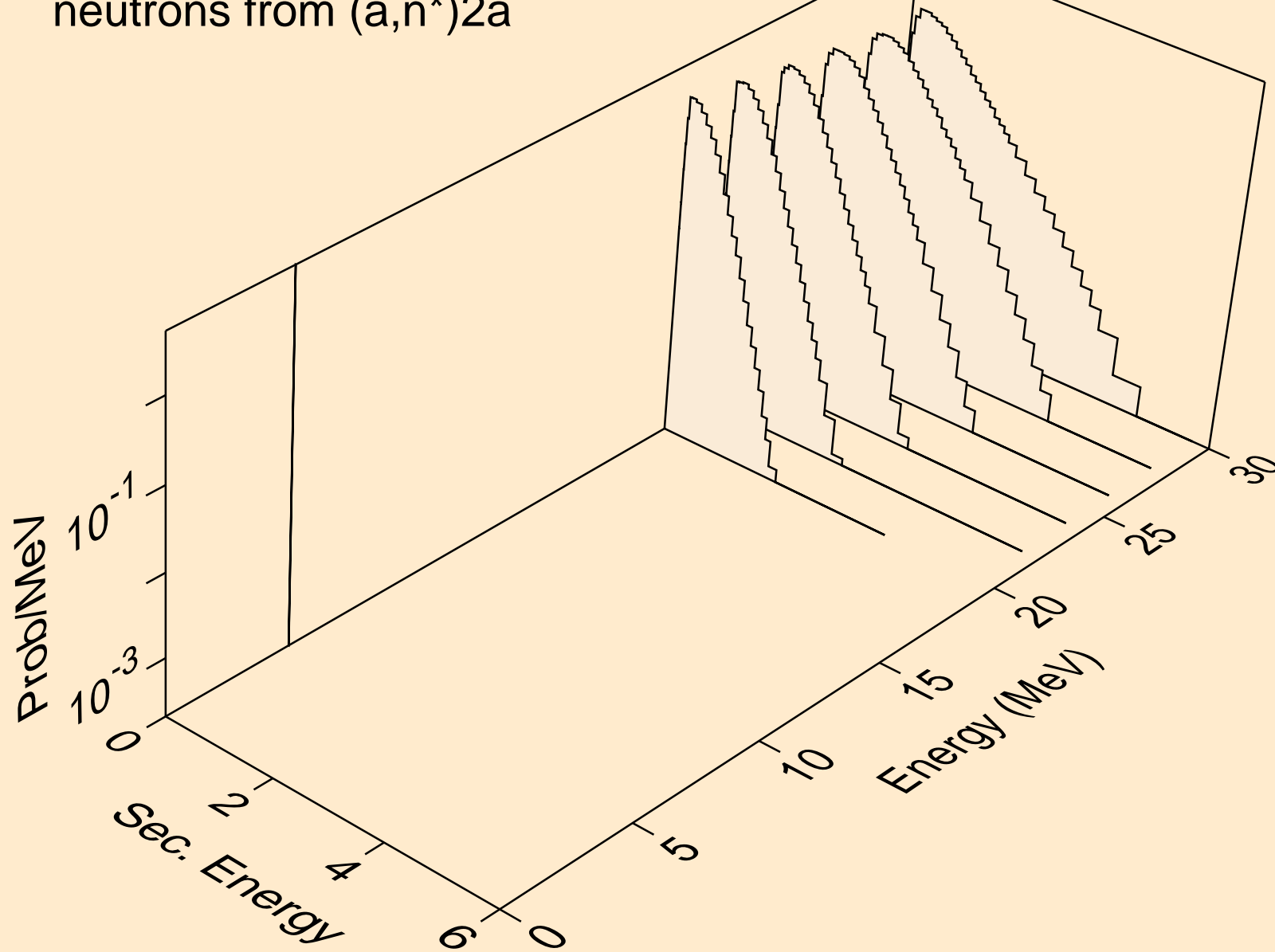
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



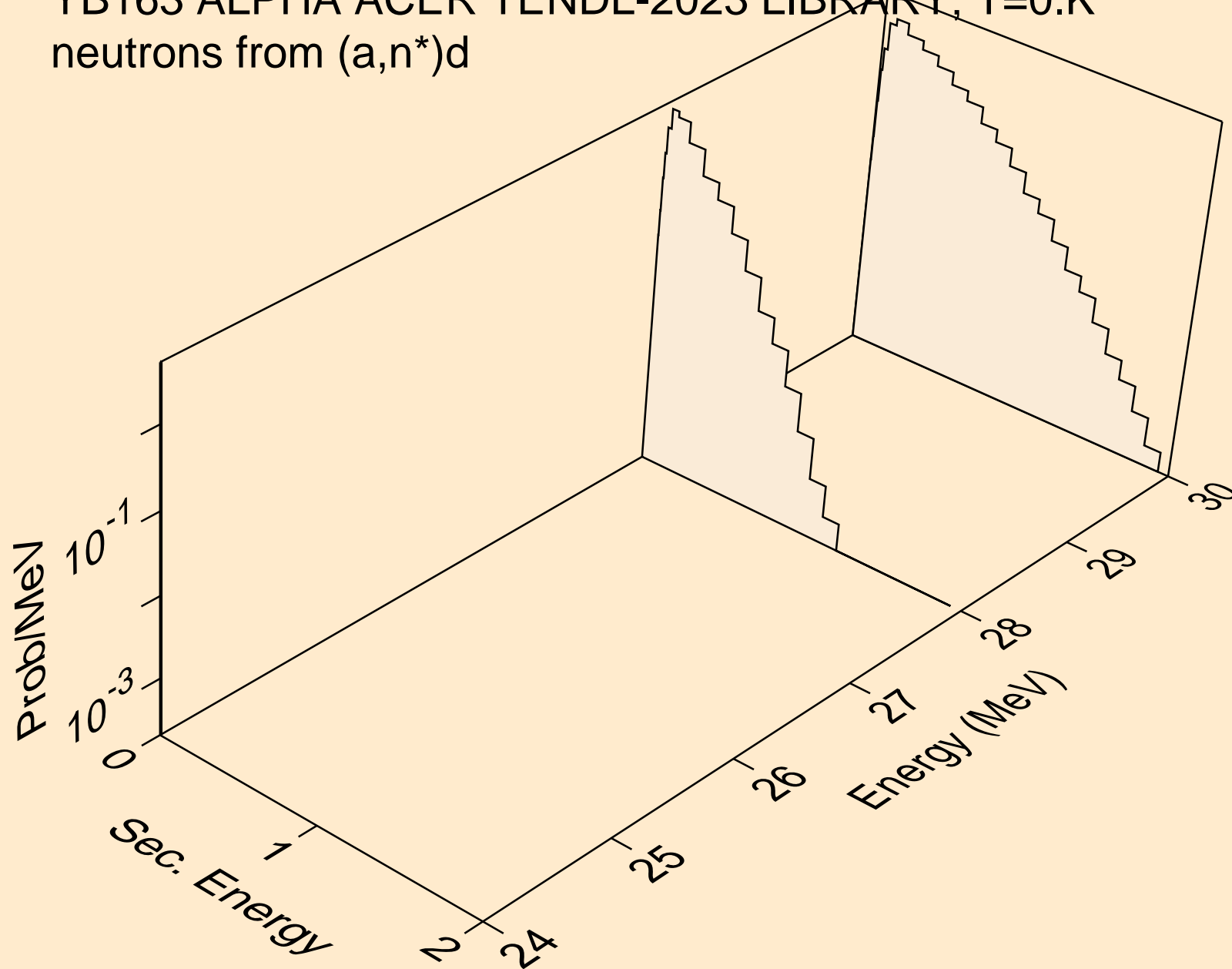
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



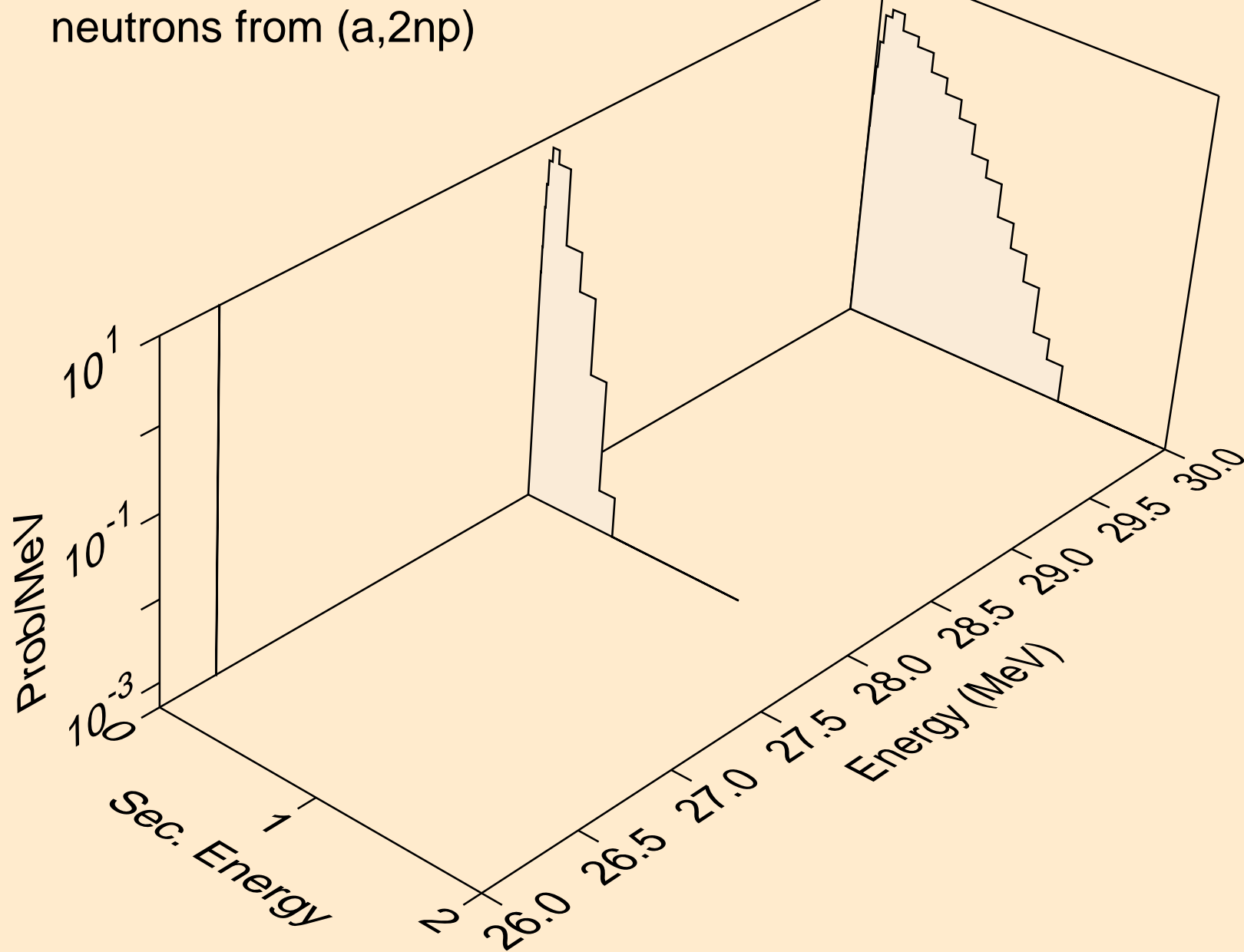
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d

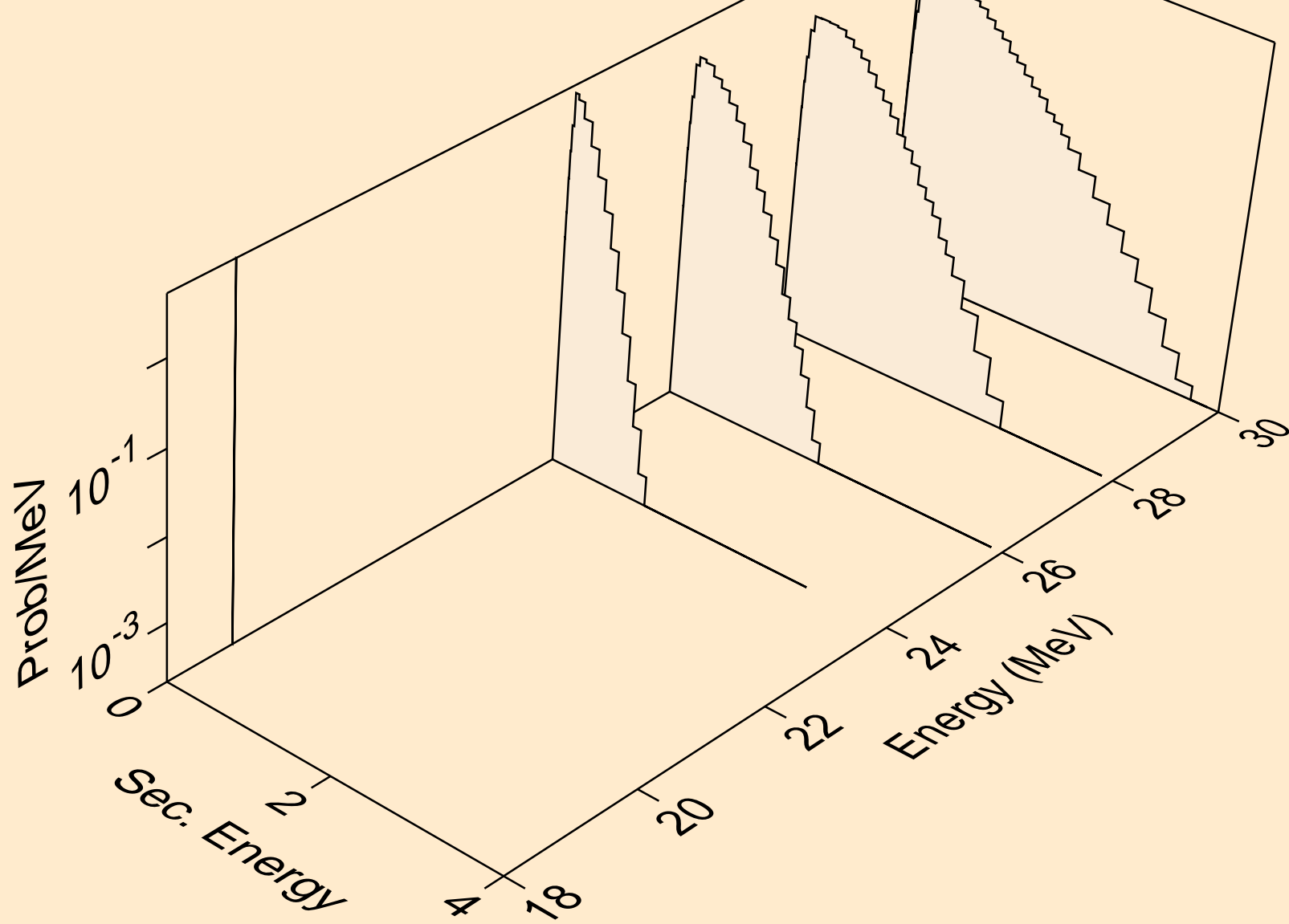


YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

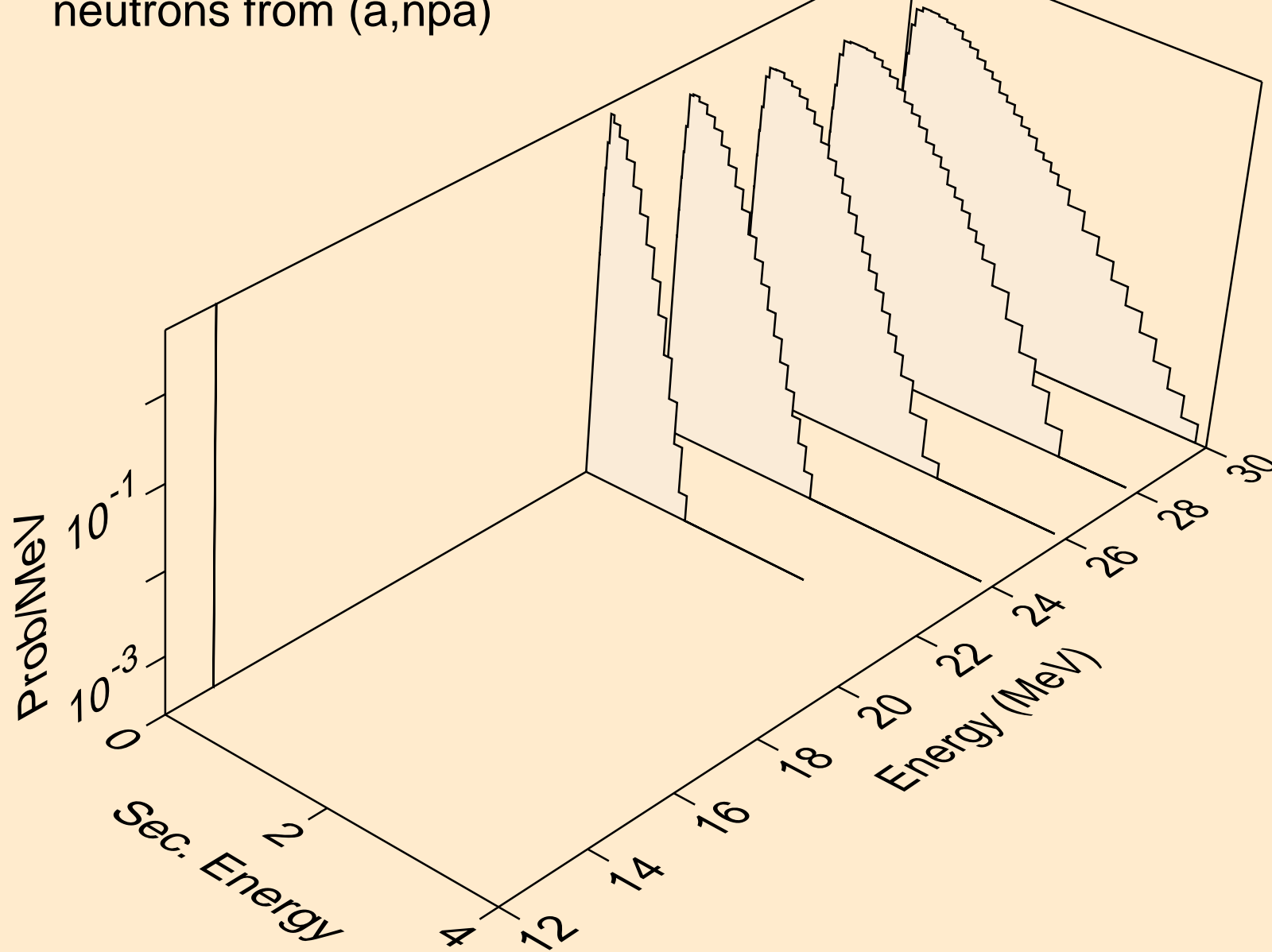




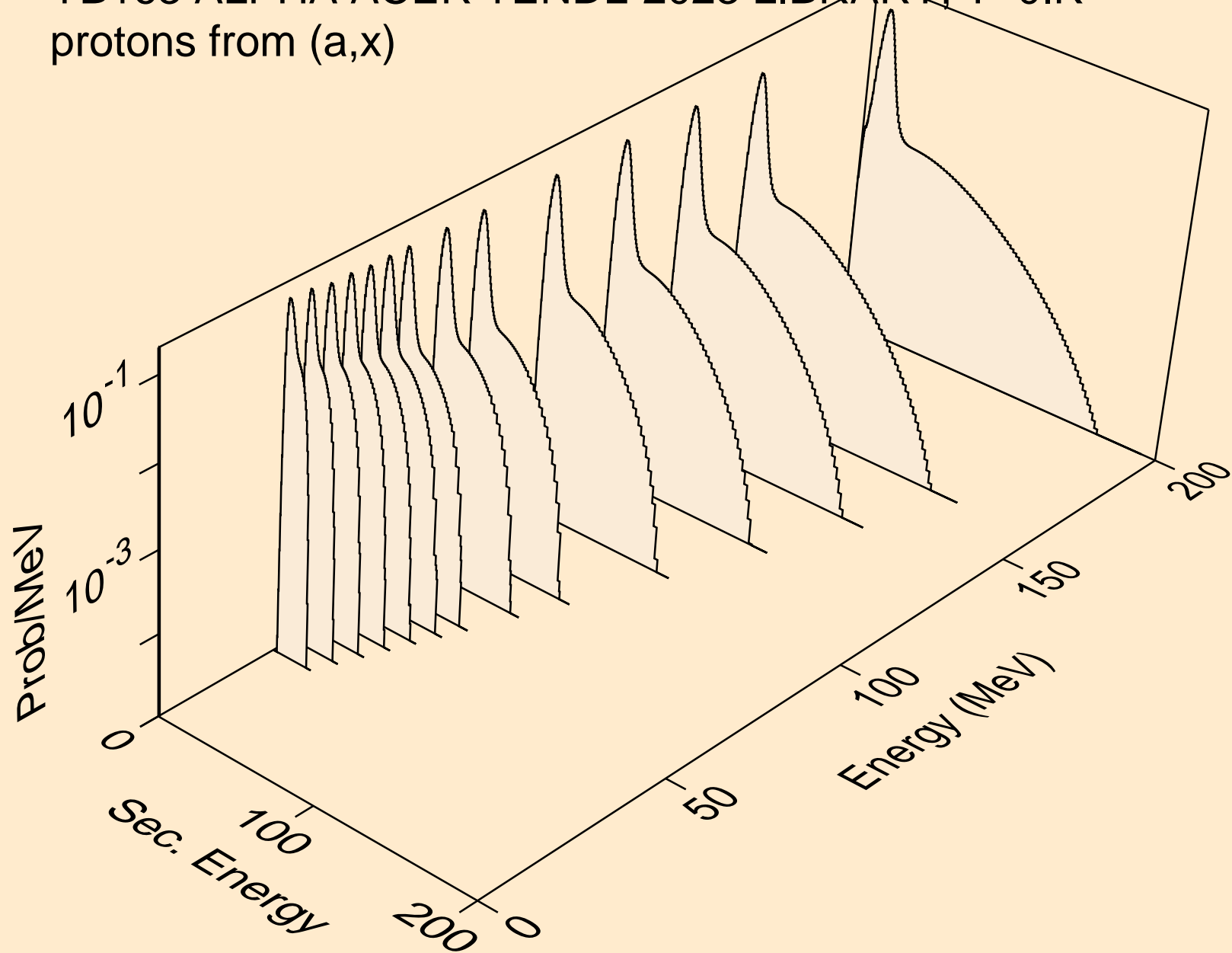
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



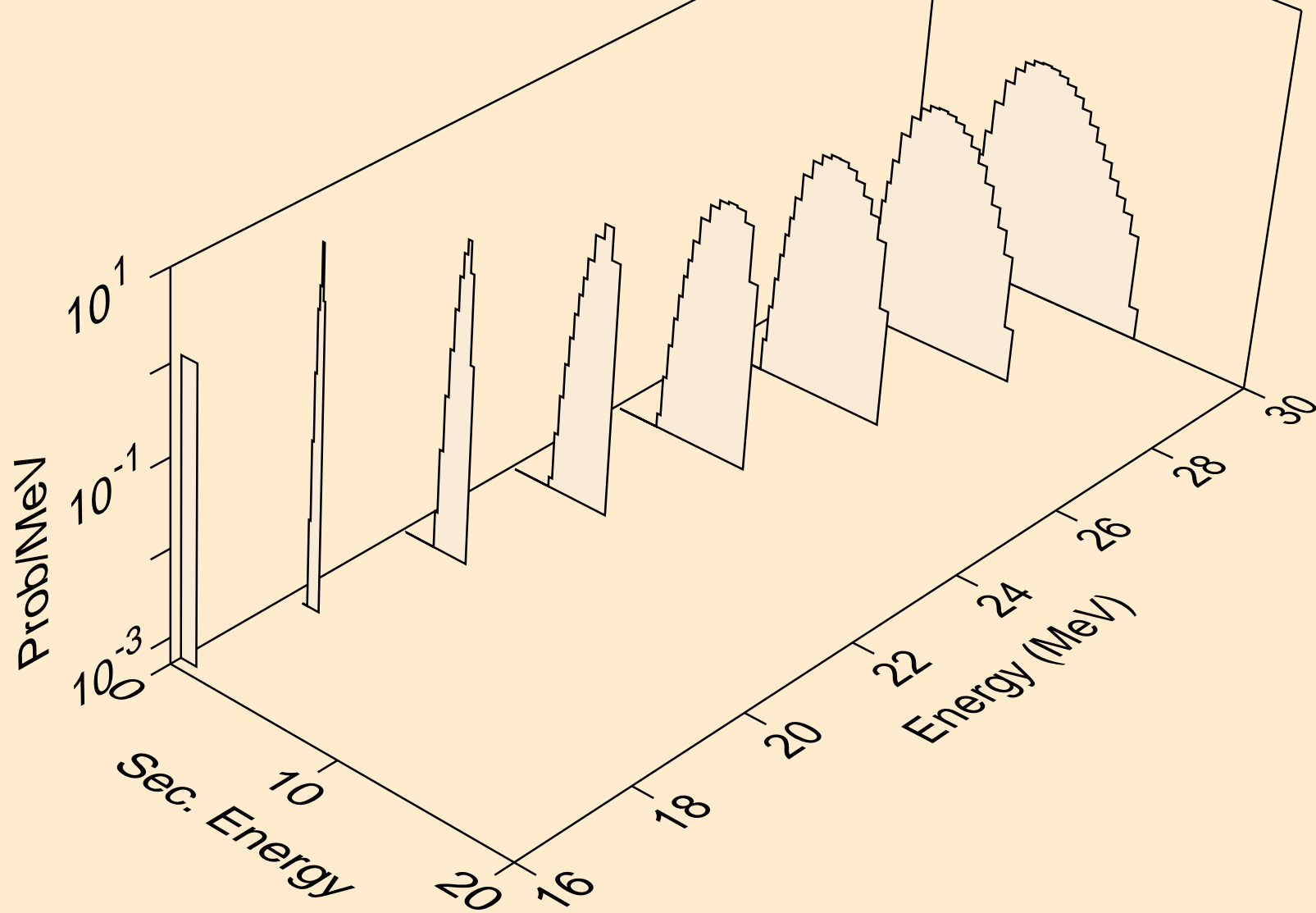
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



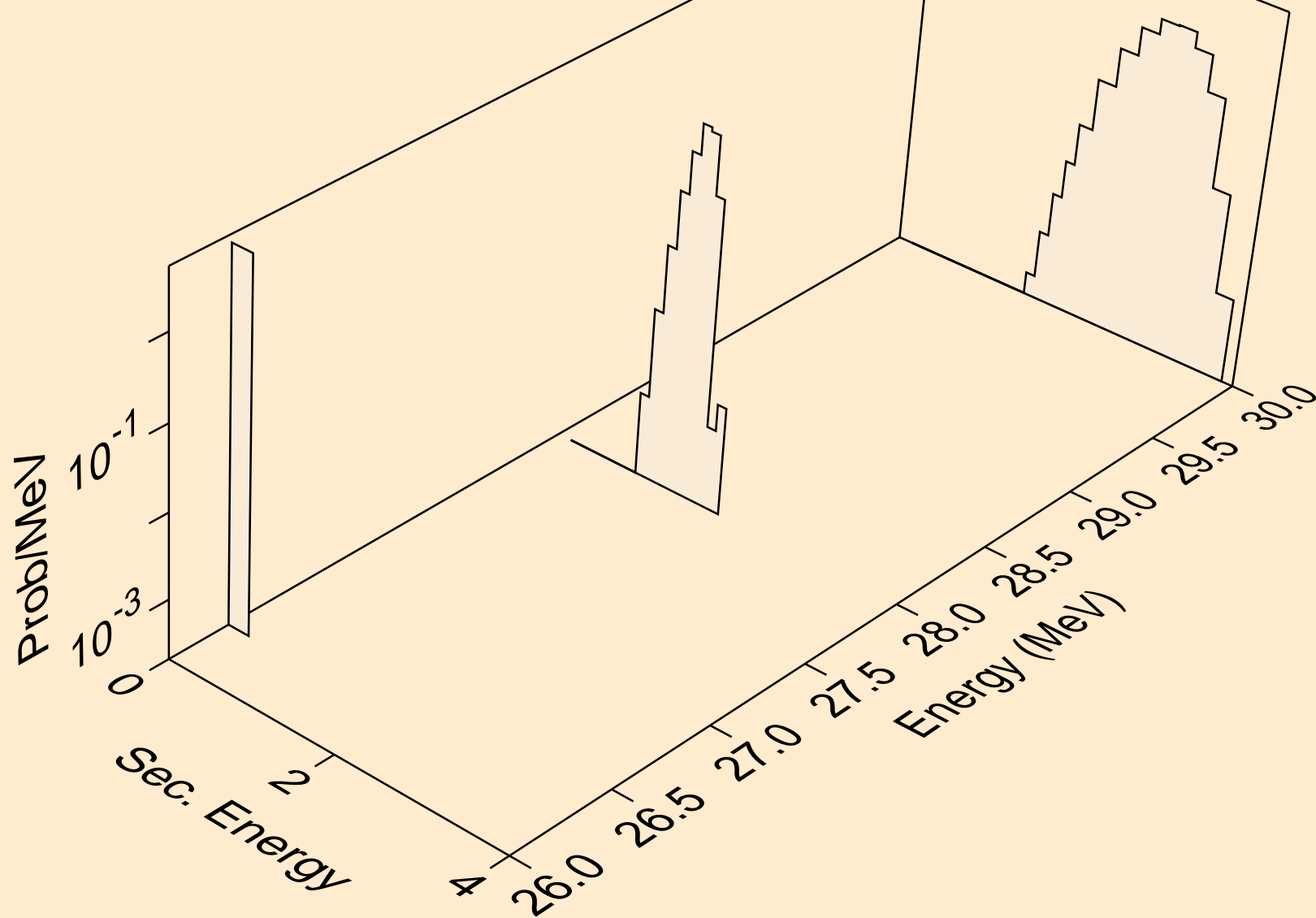
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



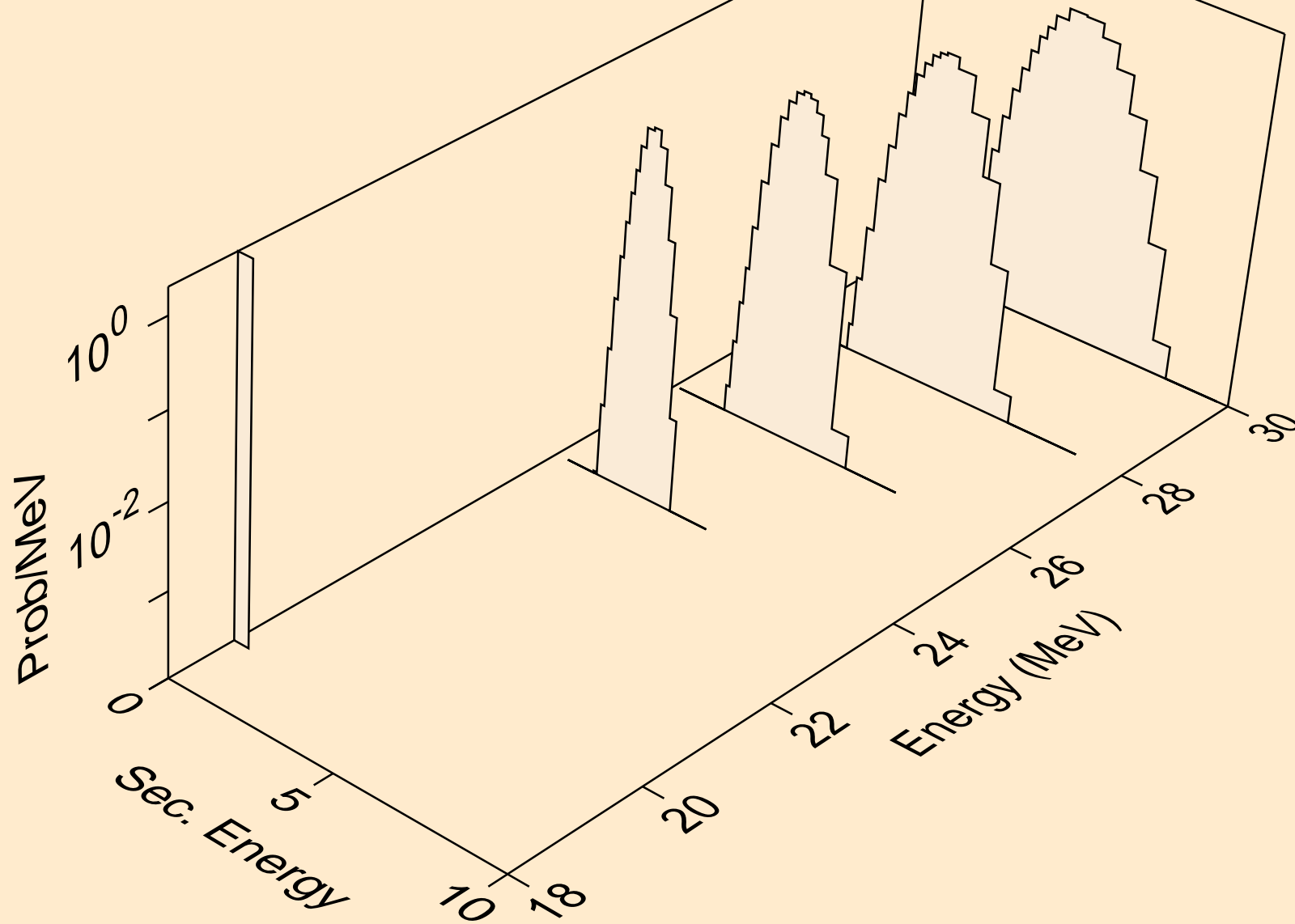
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protons from (a,n\*)p



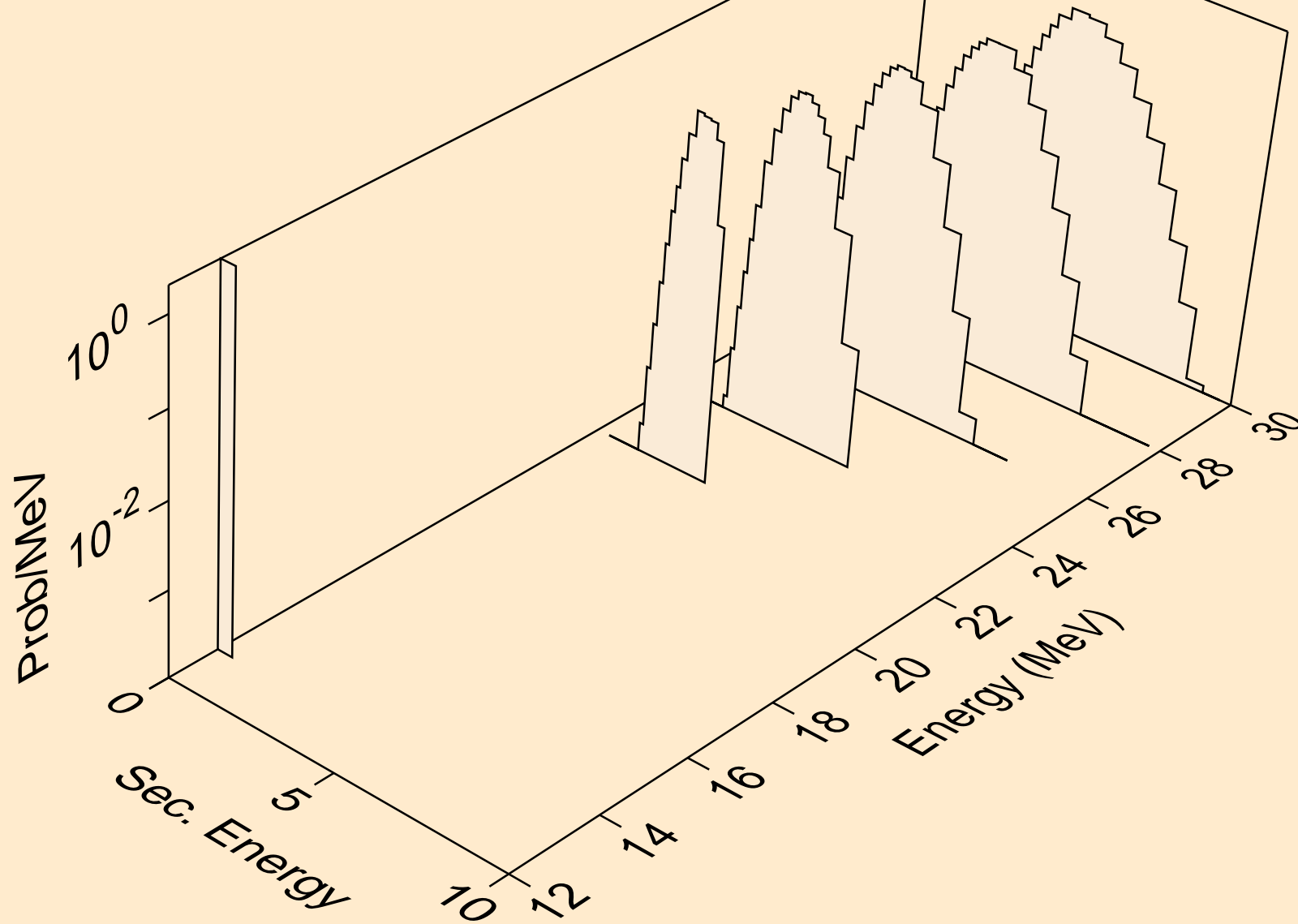
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protons from (a,2np)



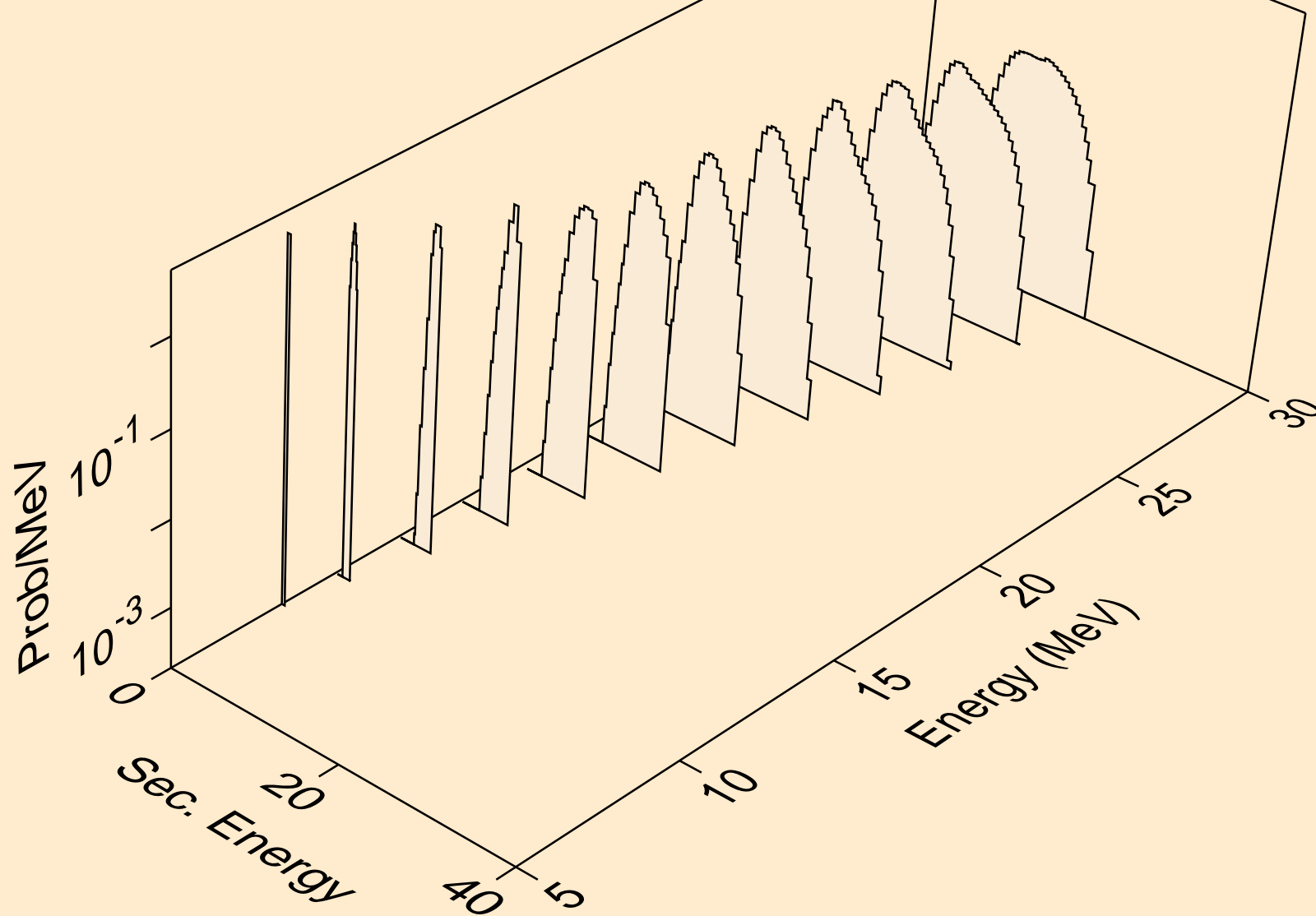
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)

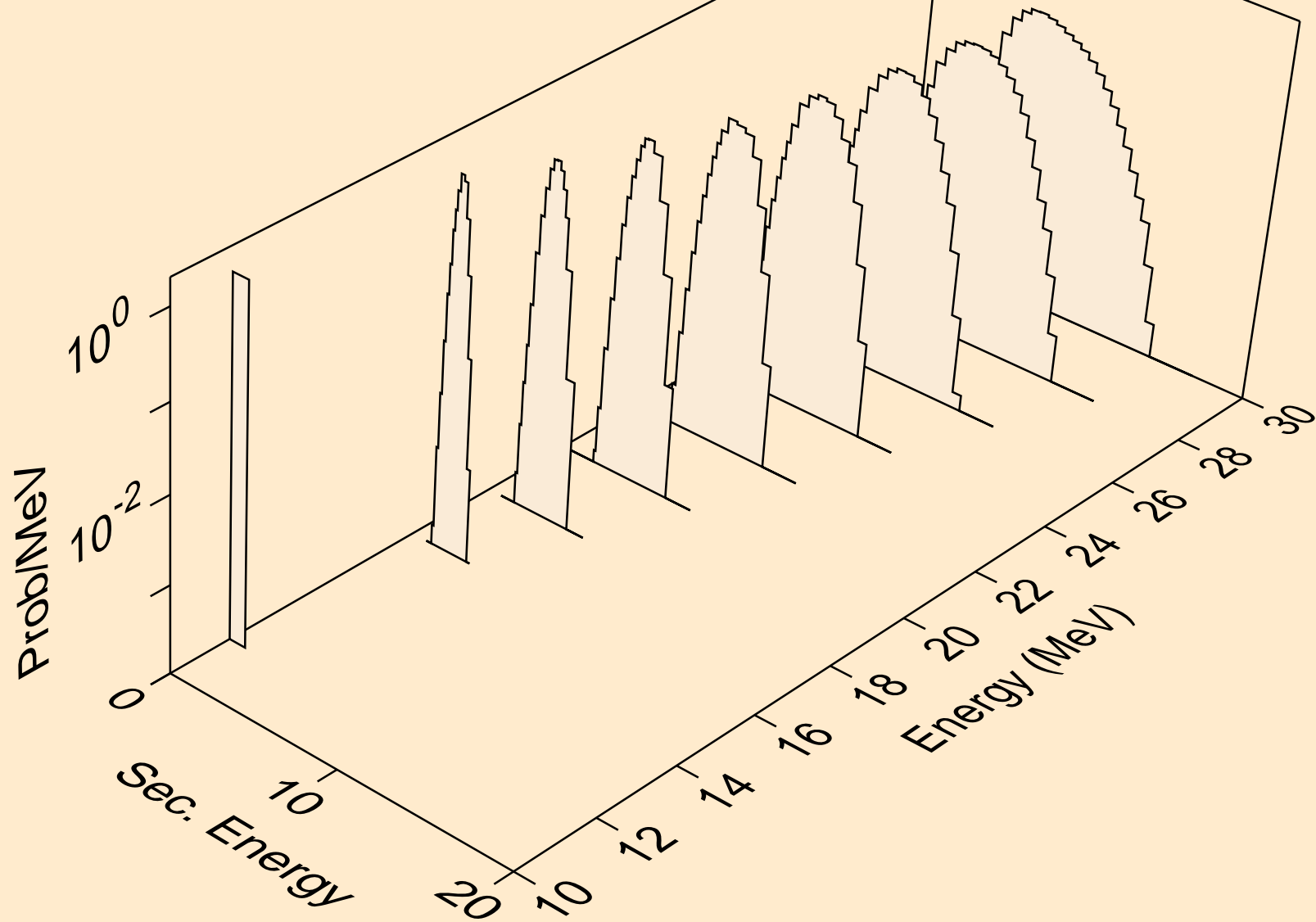


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protons from (a,p)

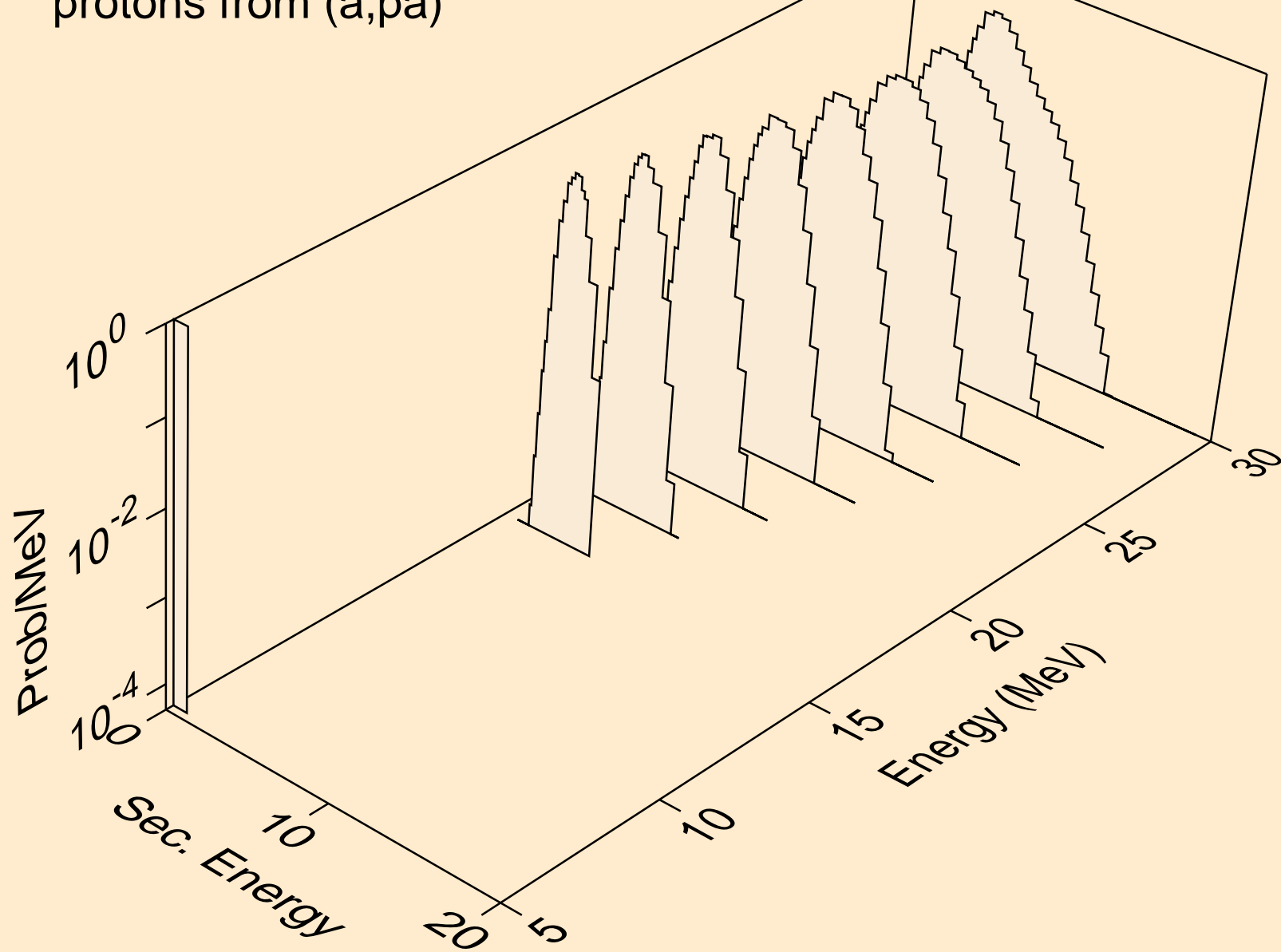




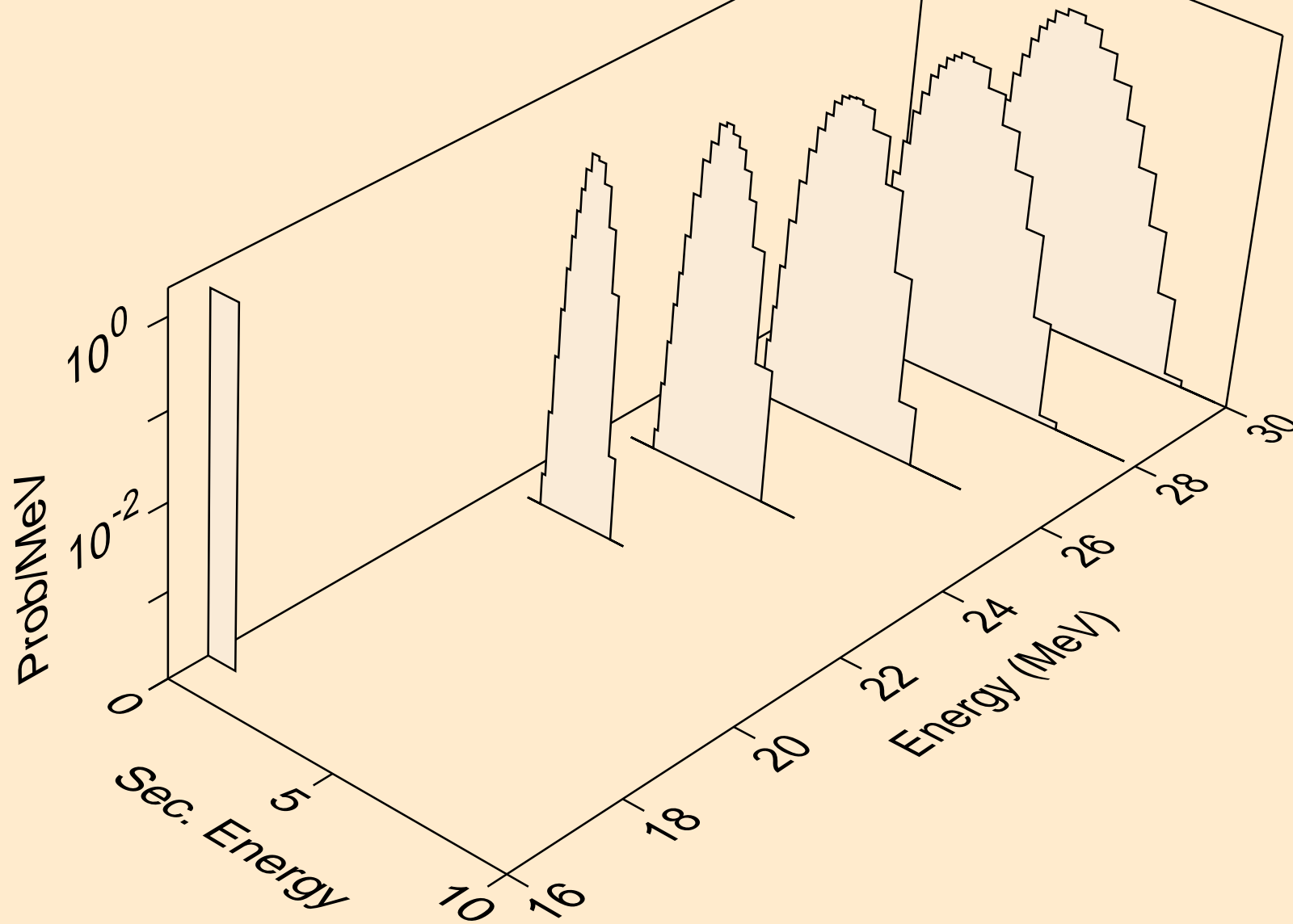
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



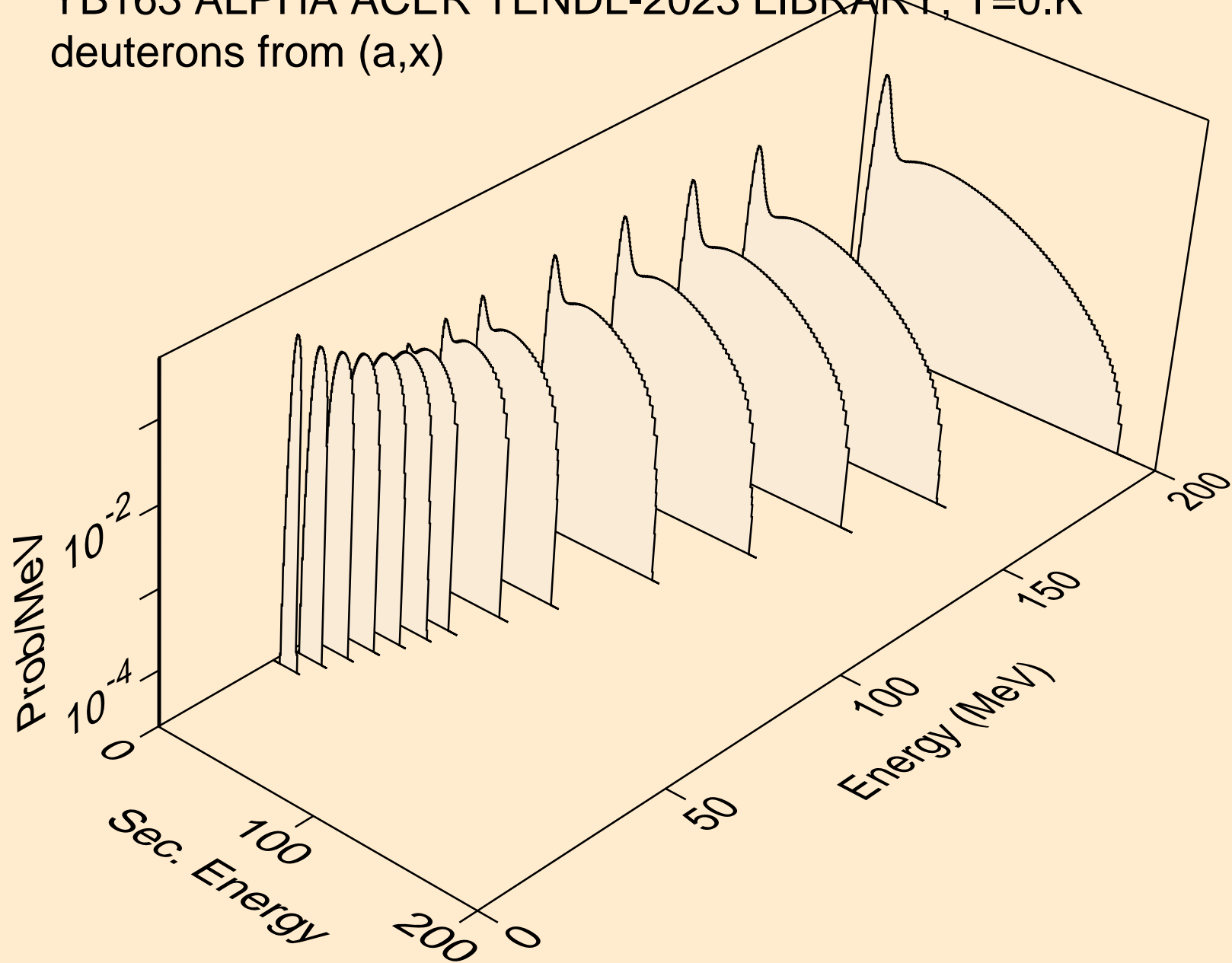
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



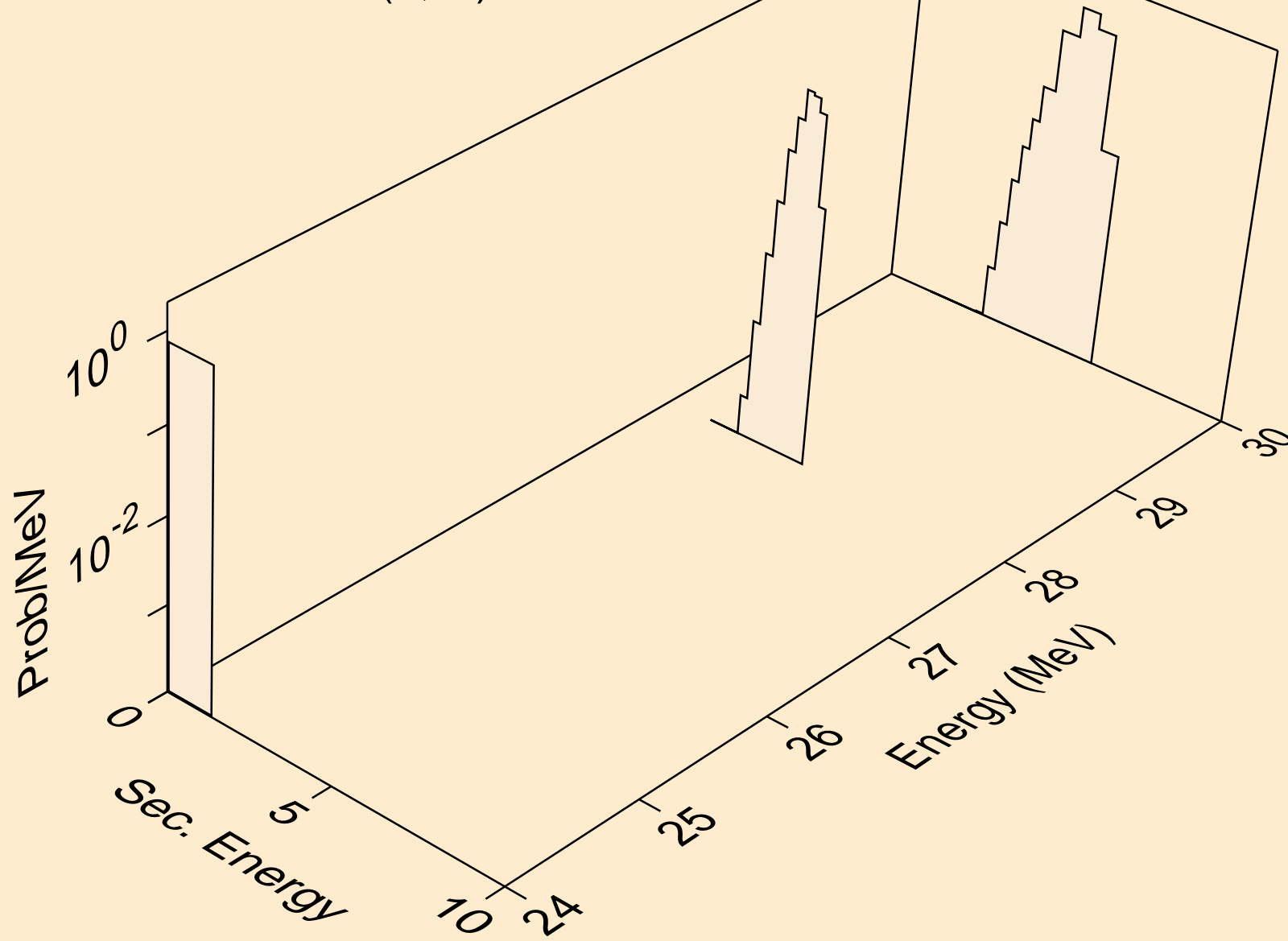
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



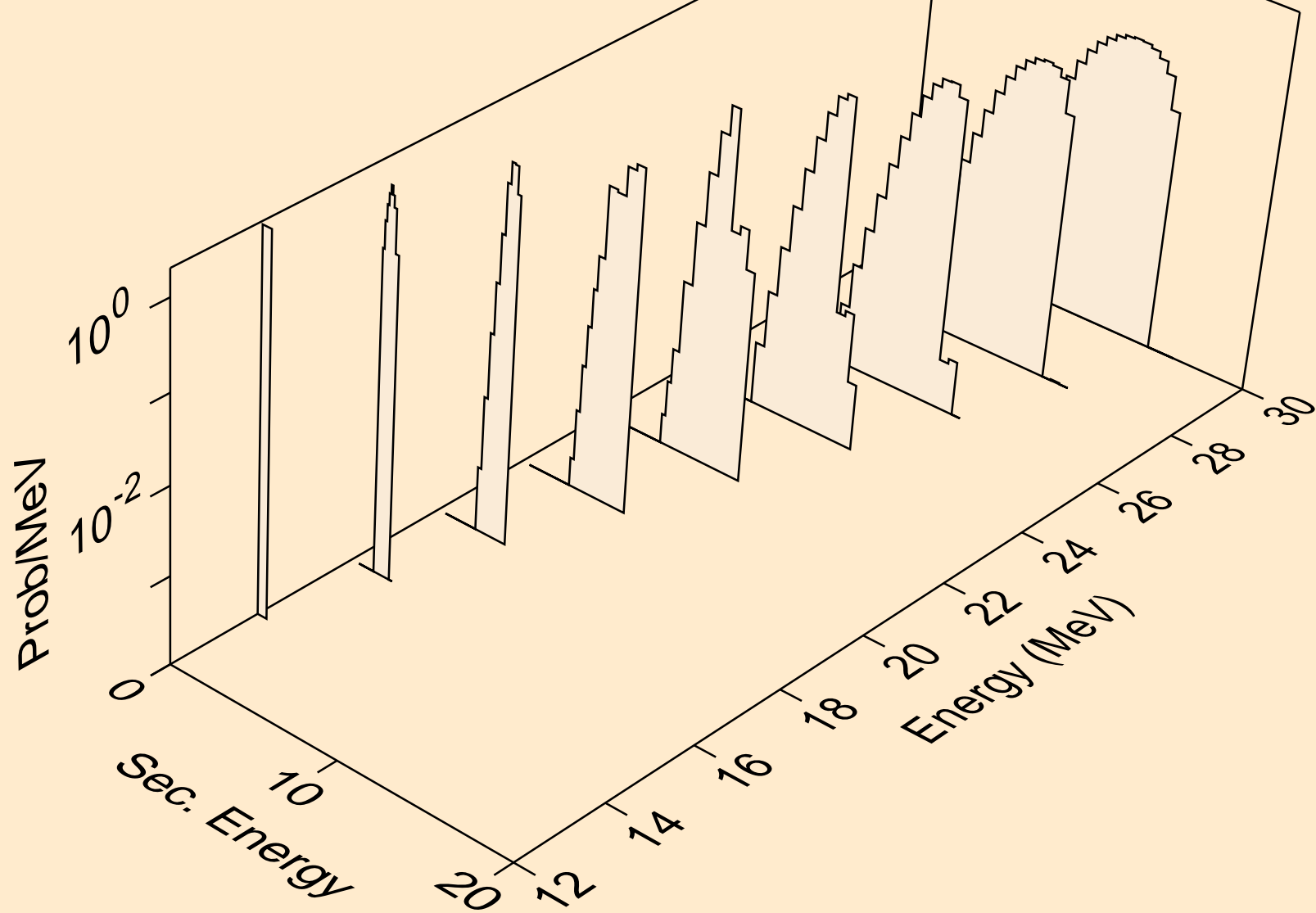
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



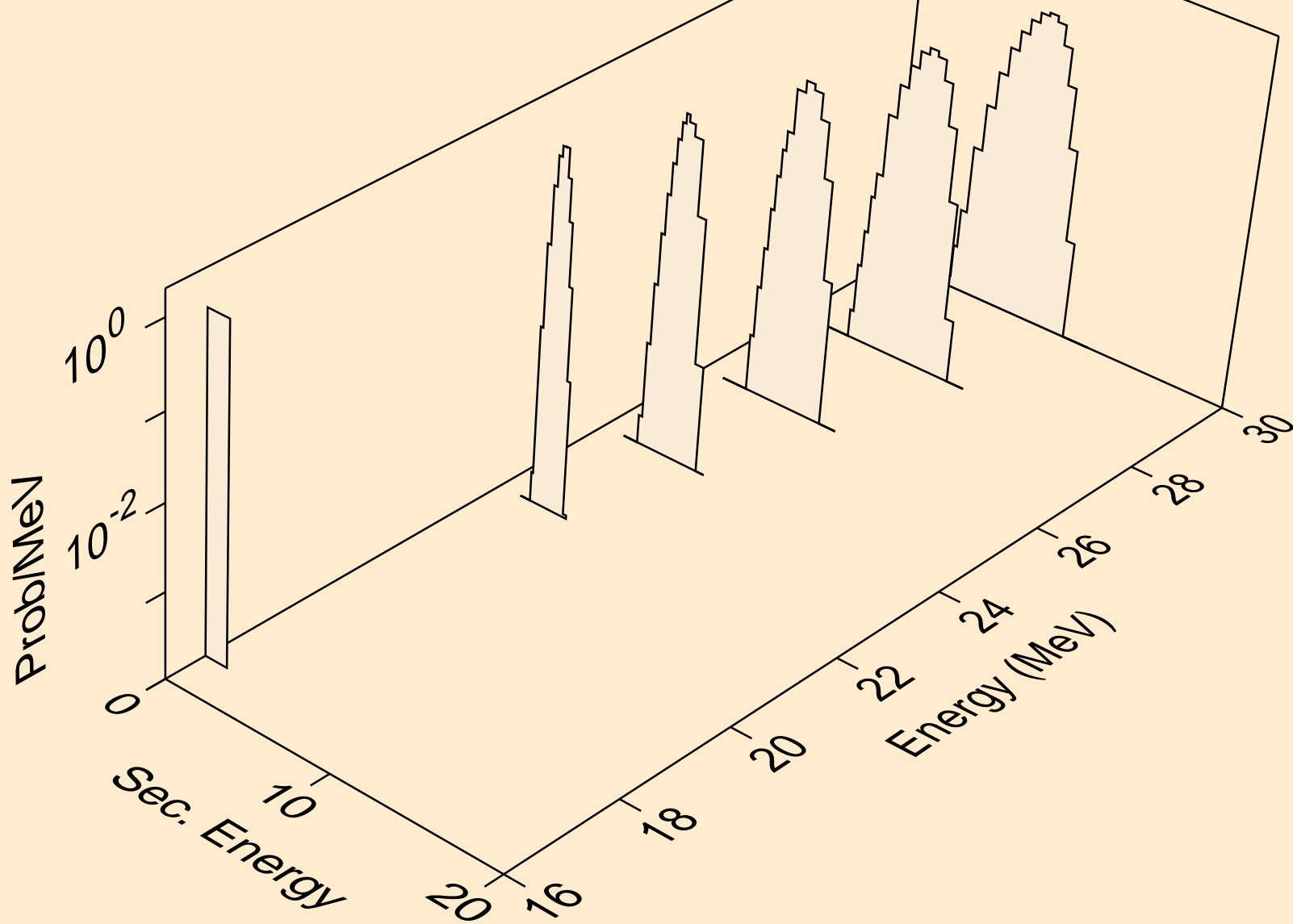
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



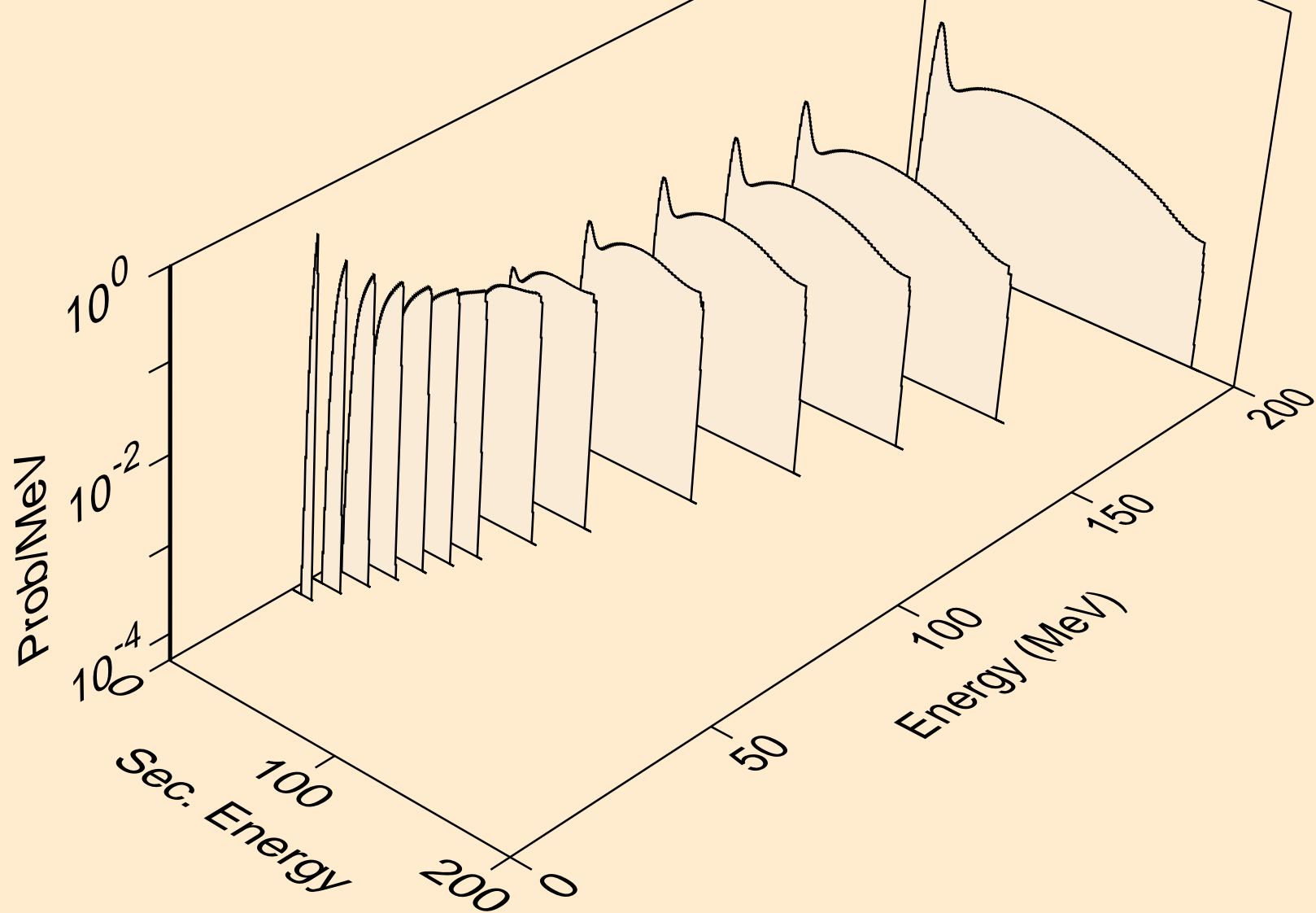
YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)

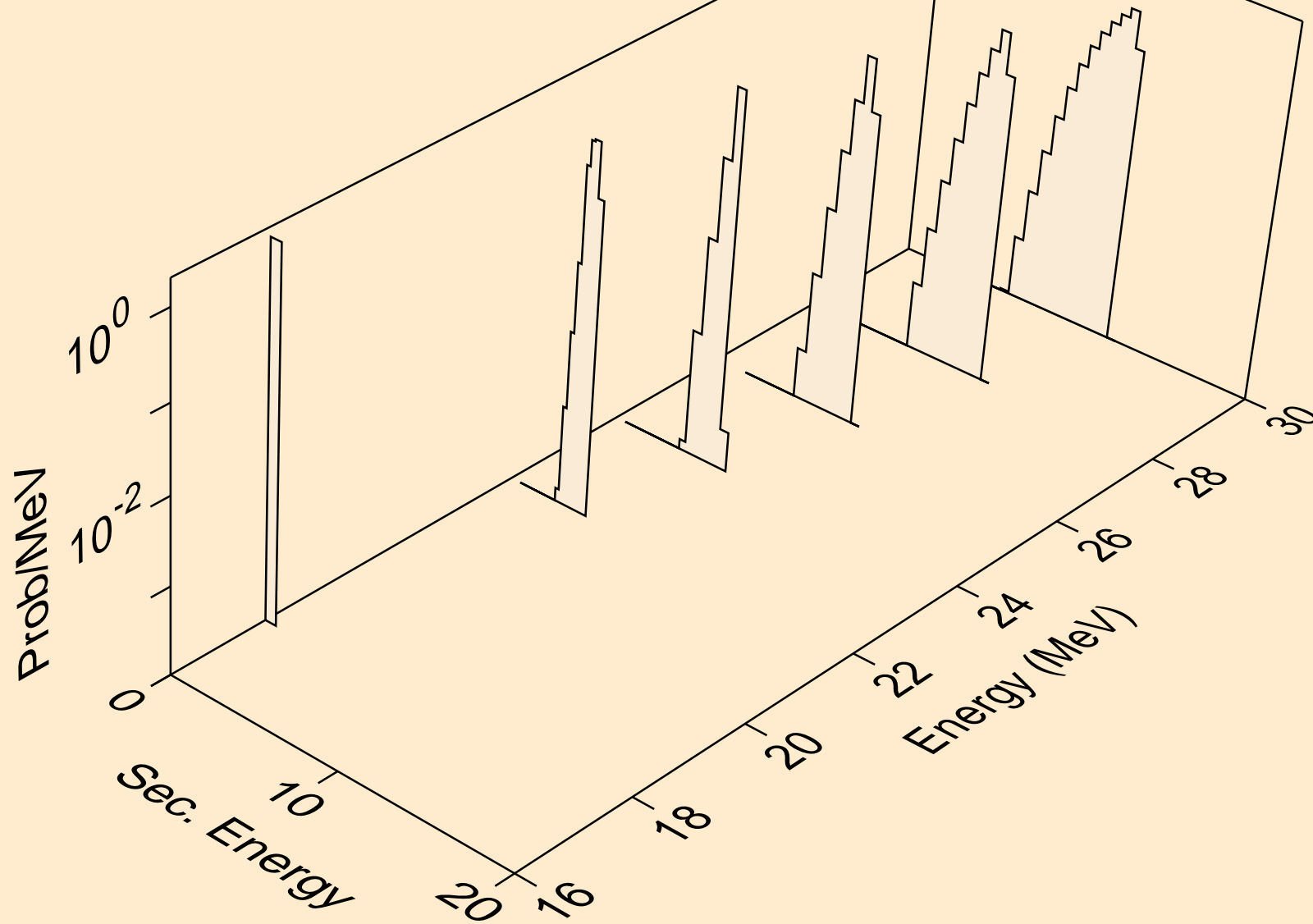


YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

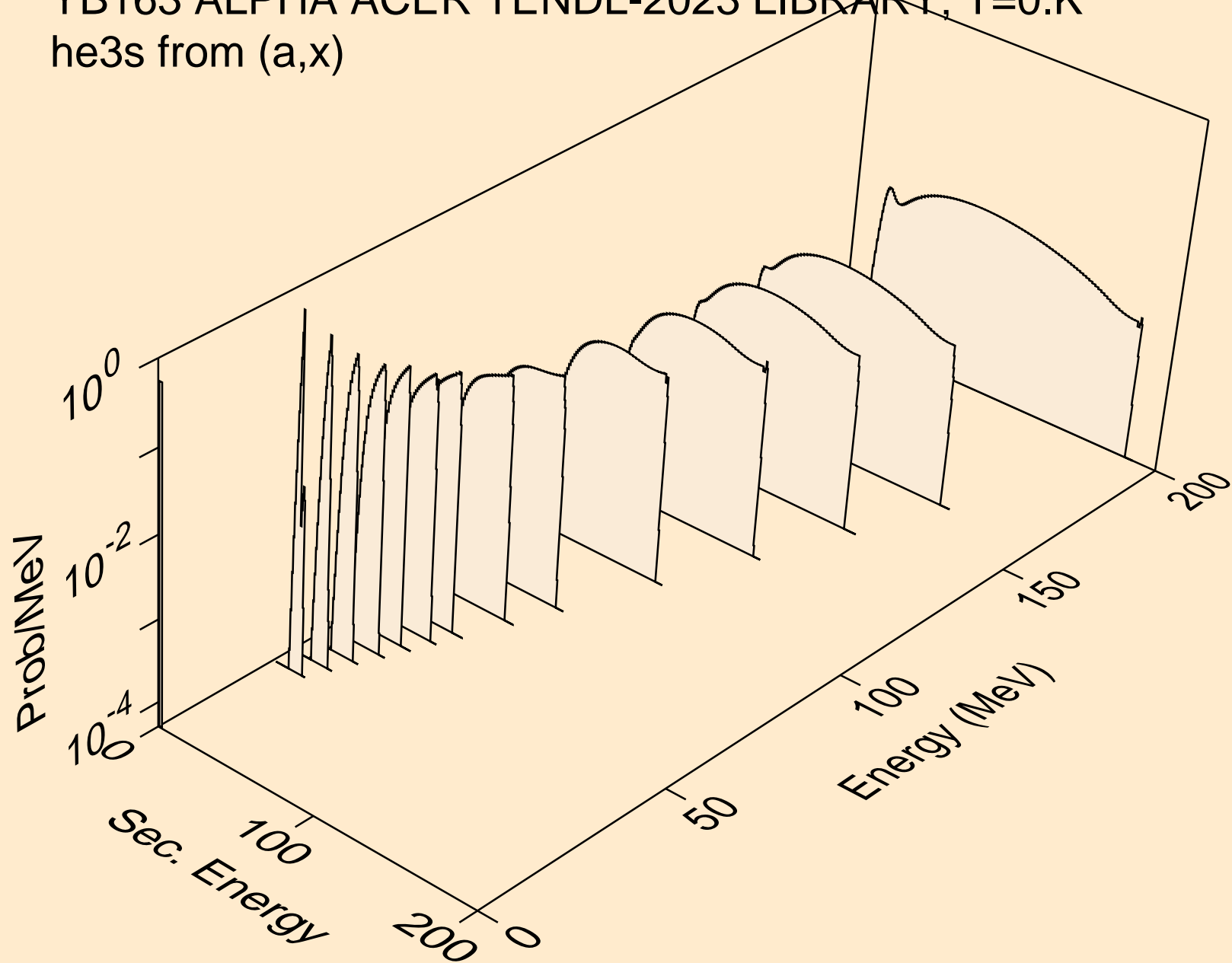




YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



YB163 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

