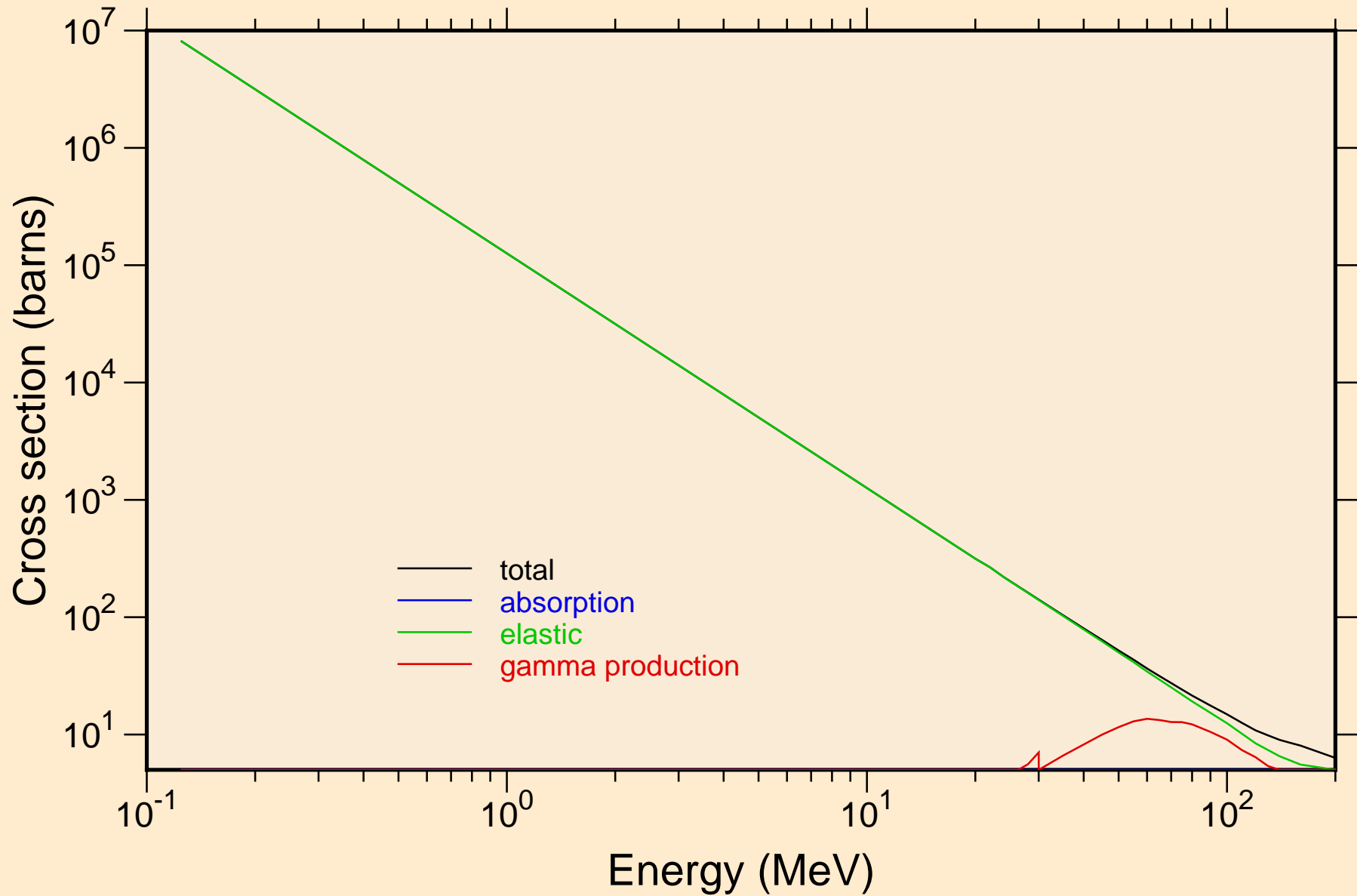
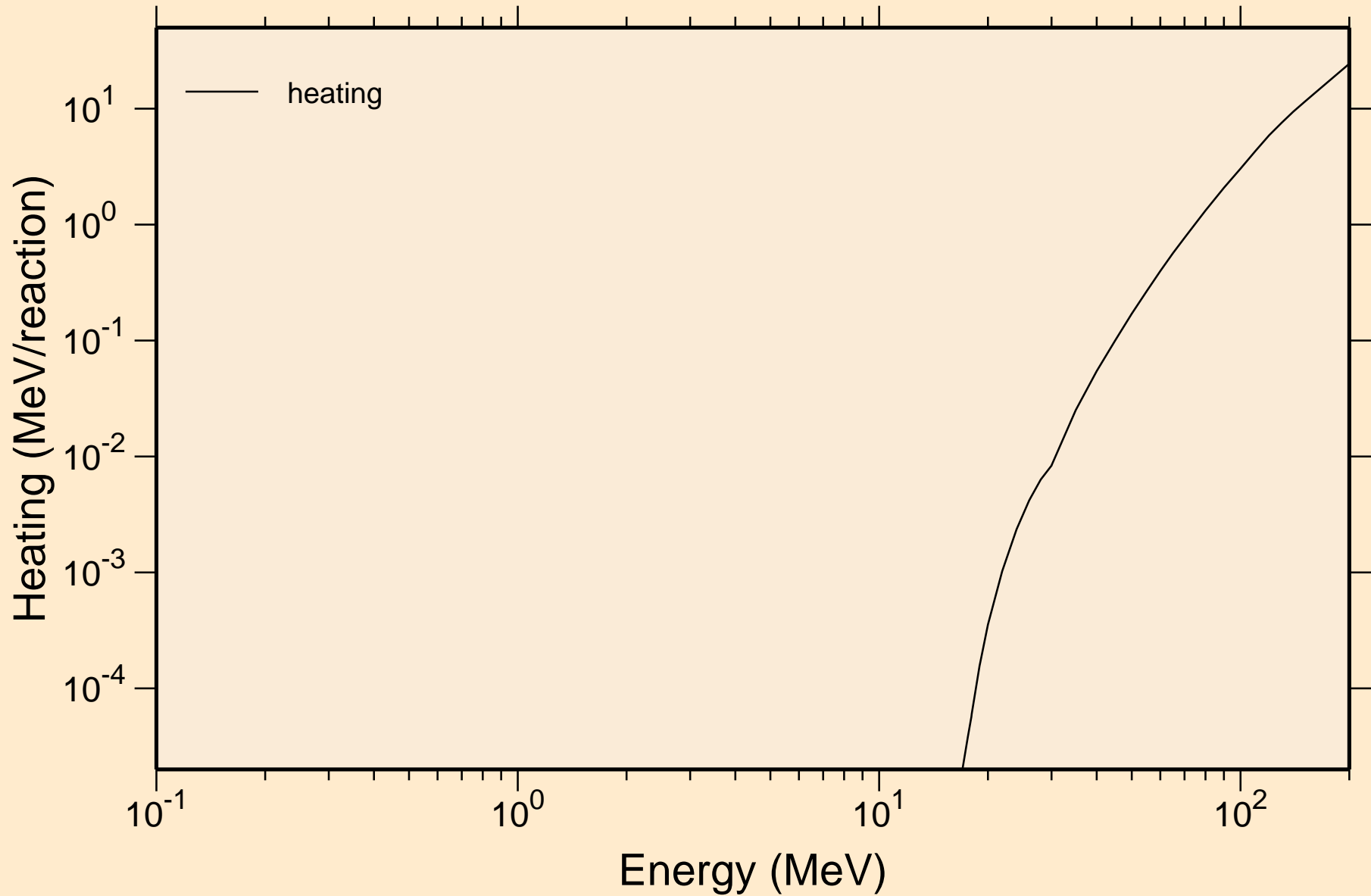


YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



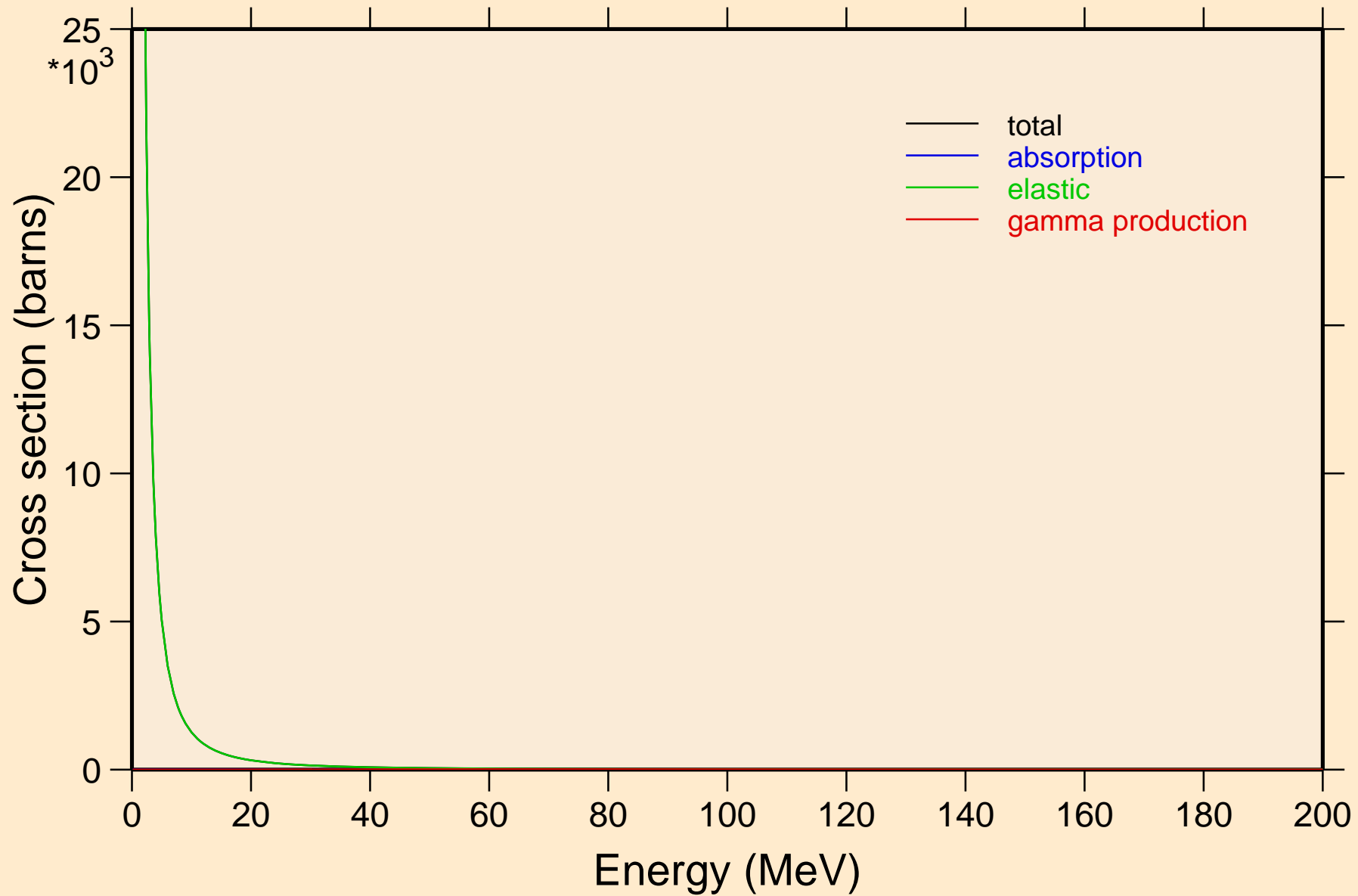
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



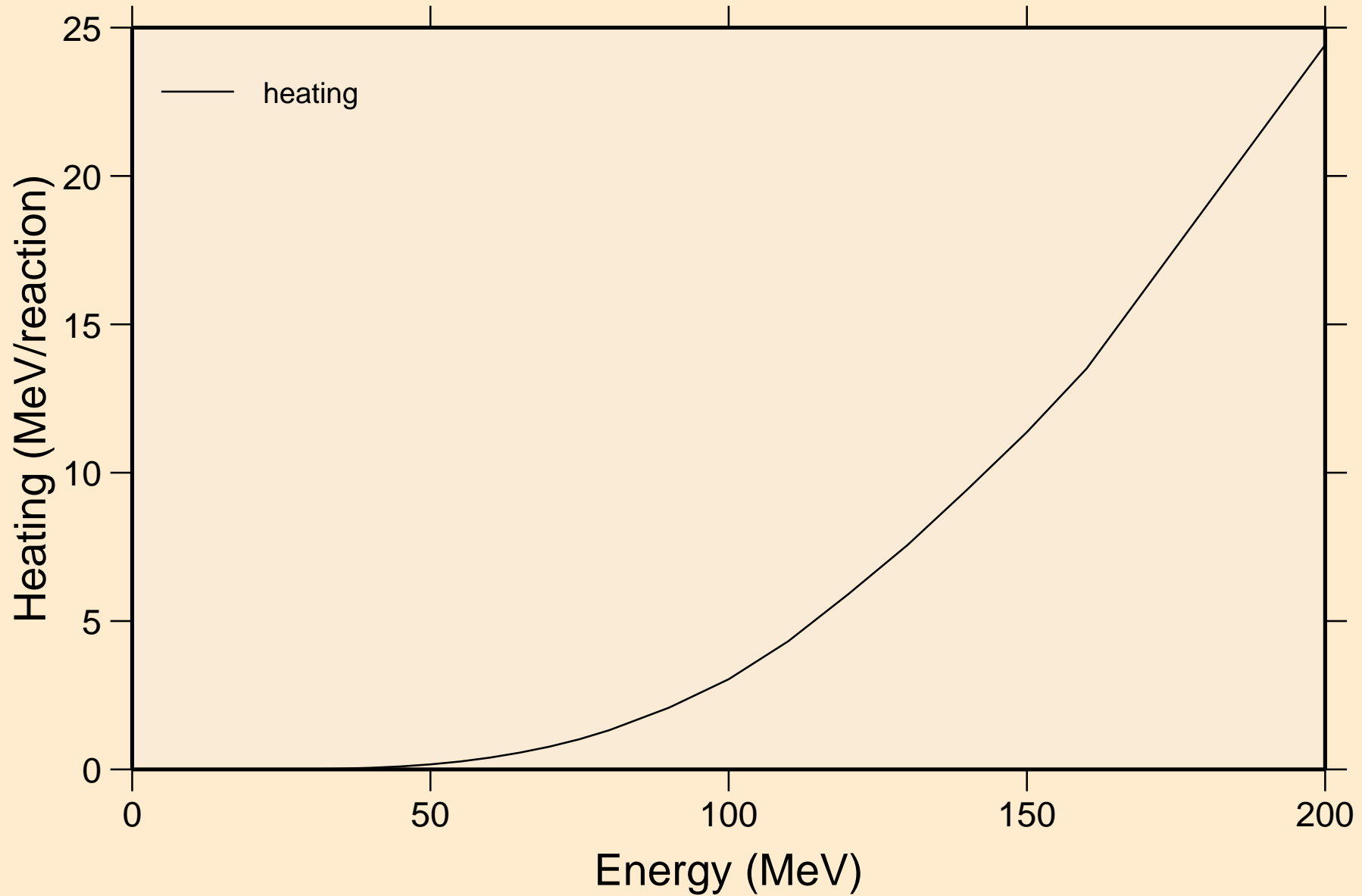
# YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

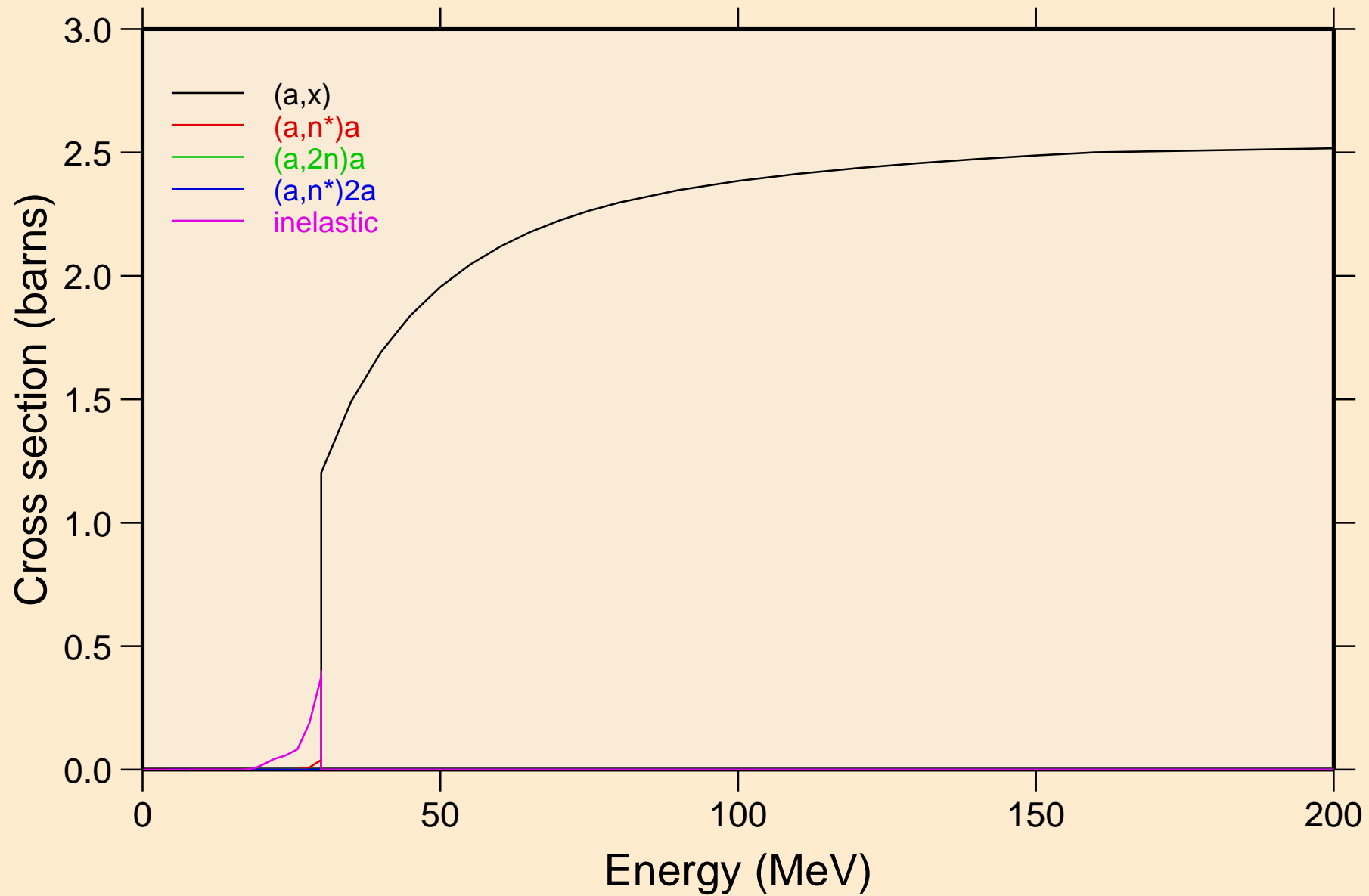


YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

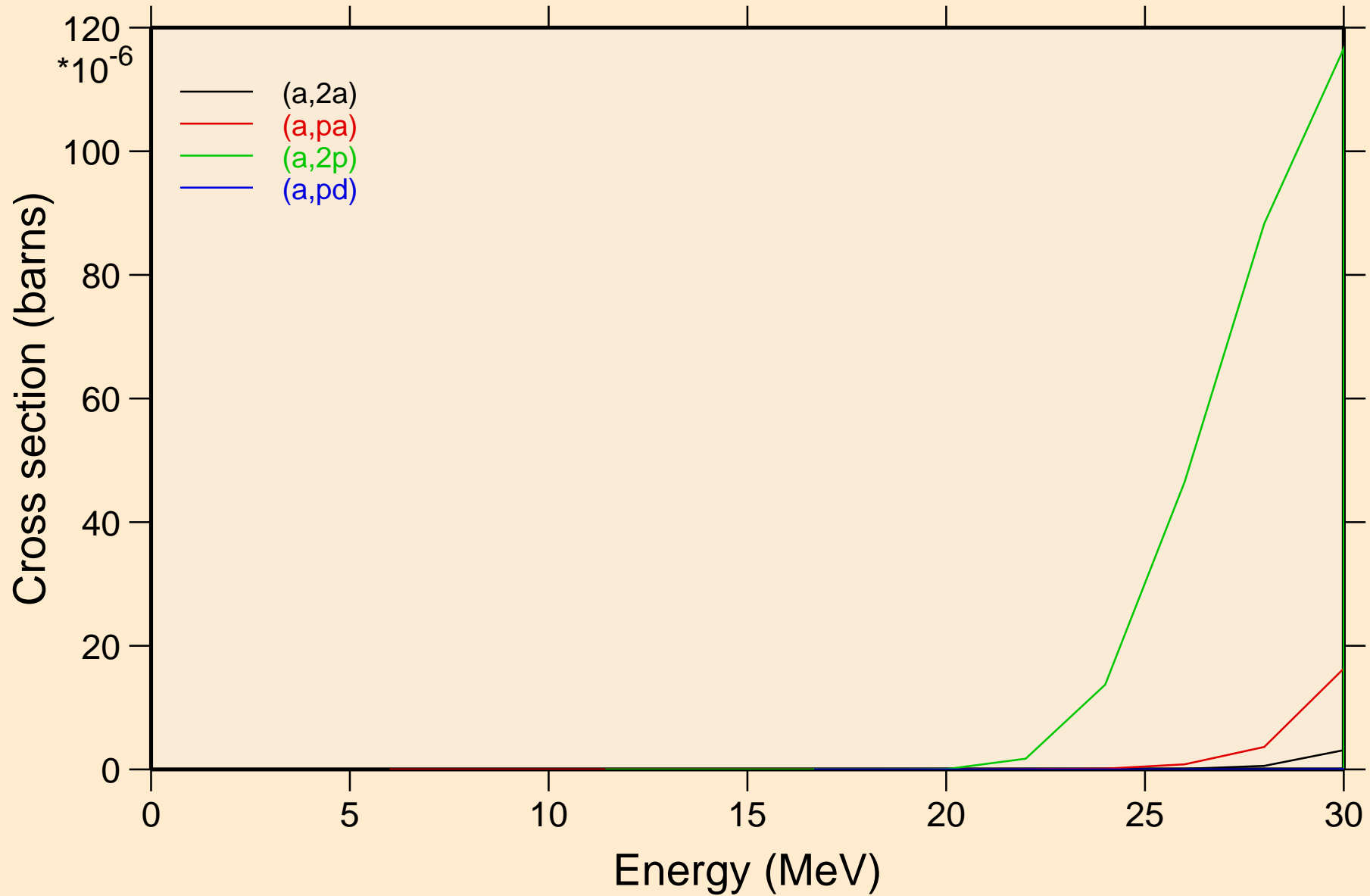
Heating



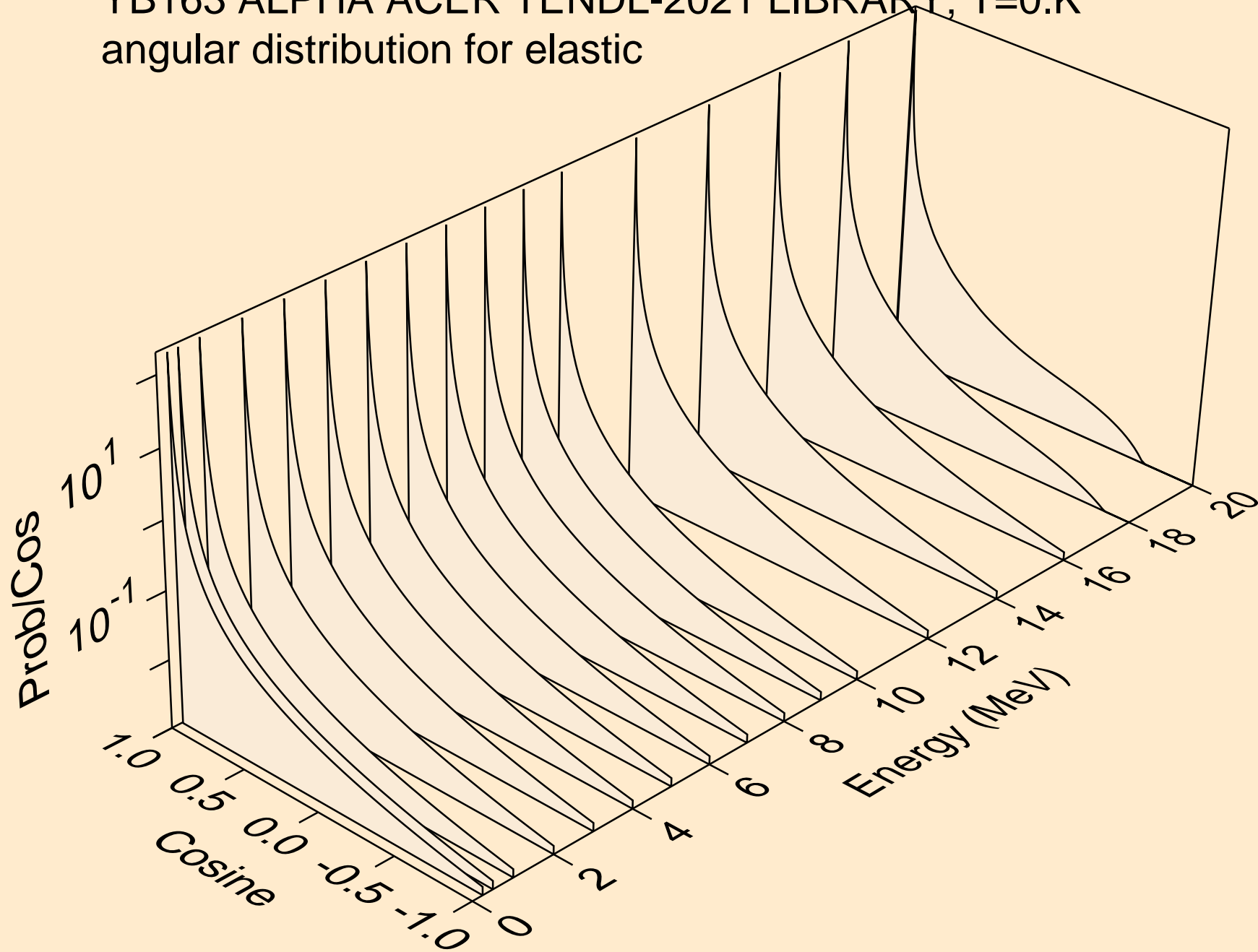
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Threshold reactions



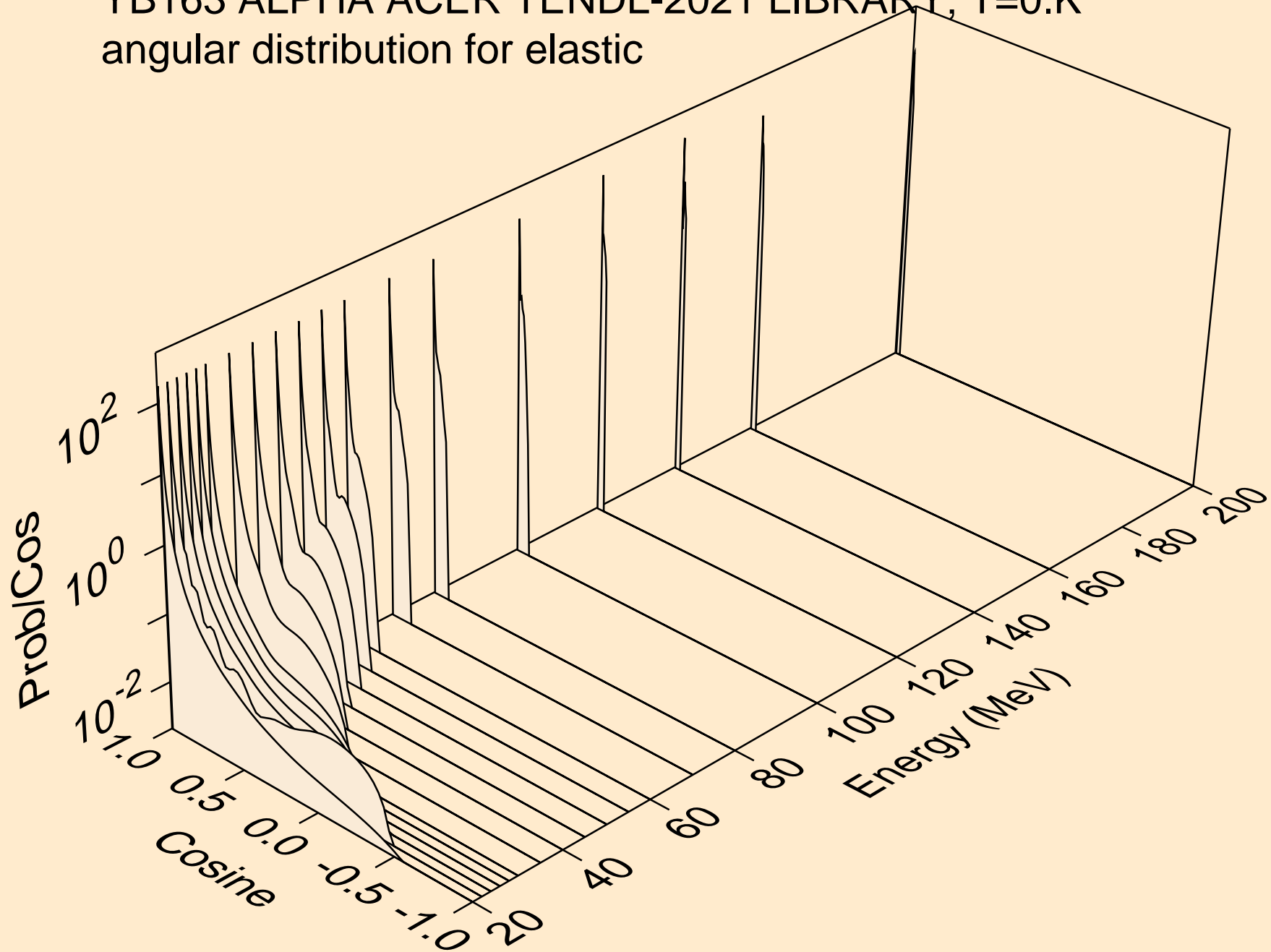
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

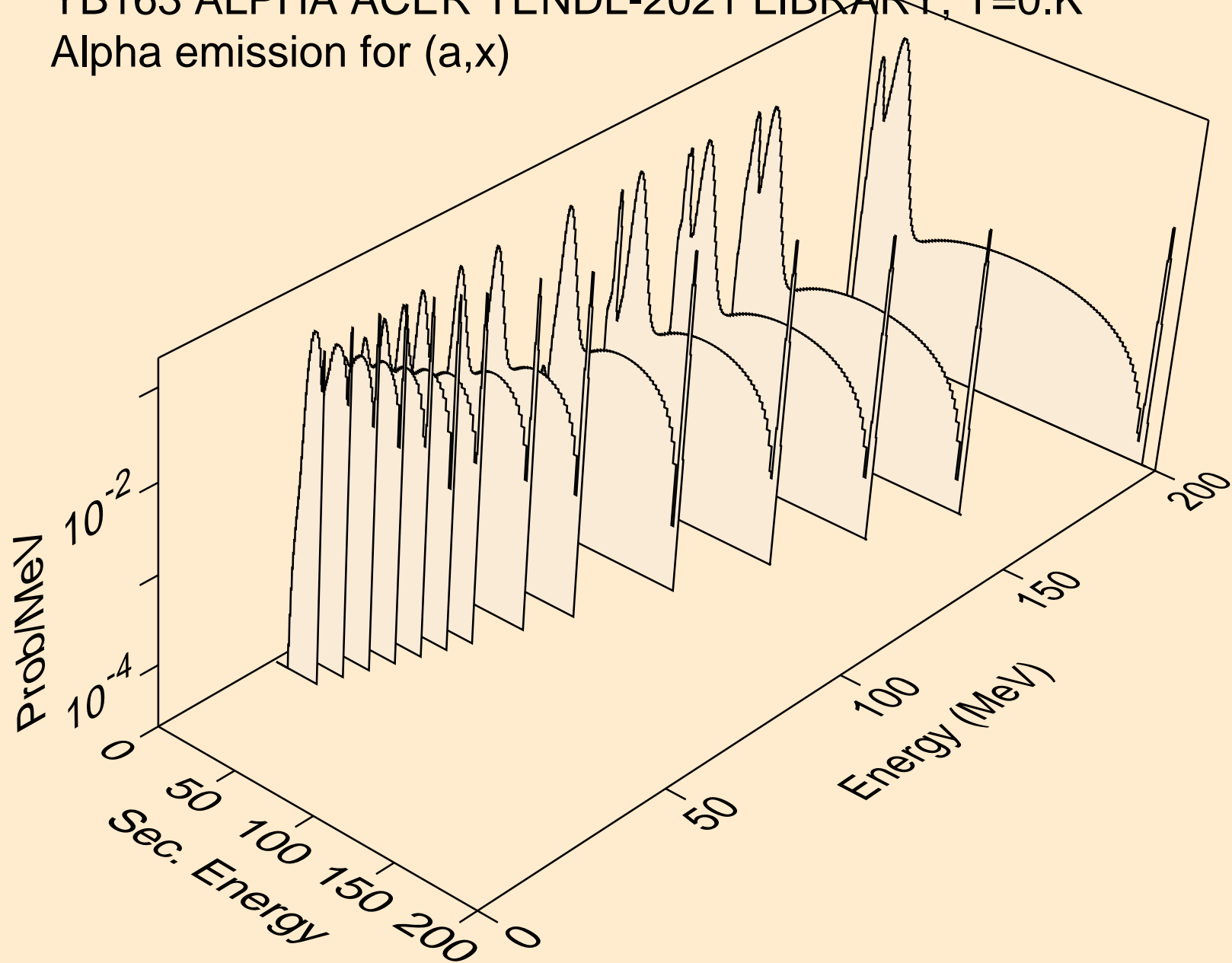


YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

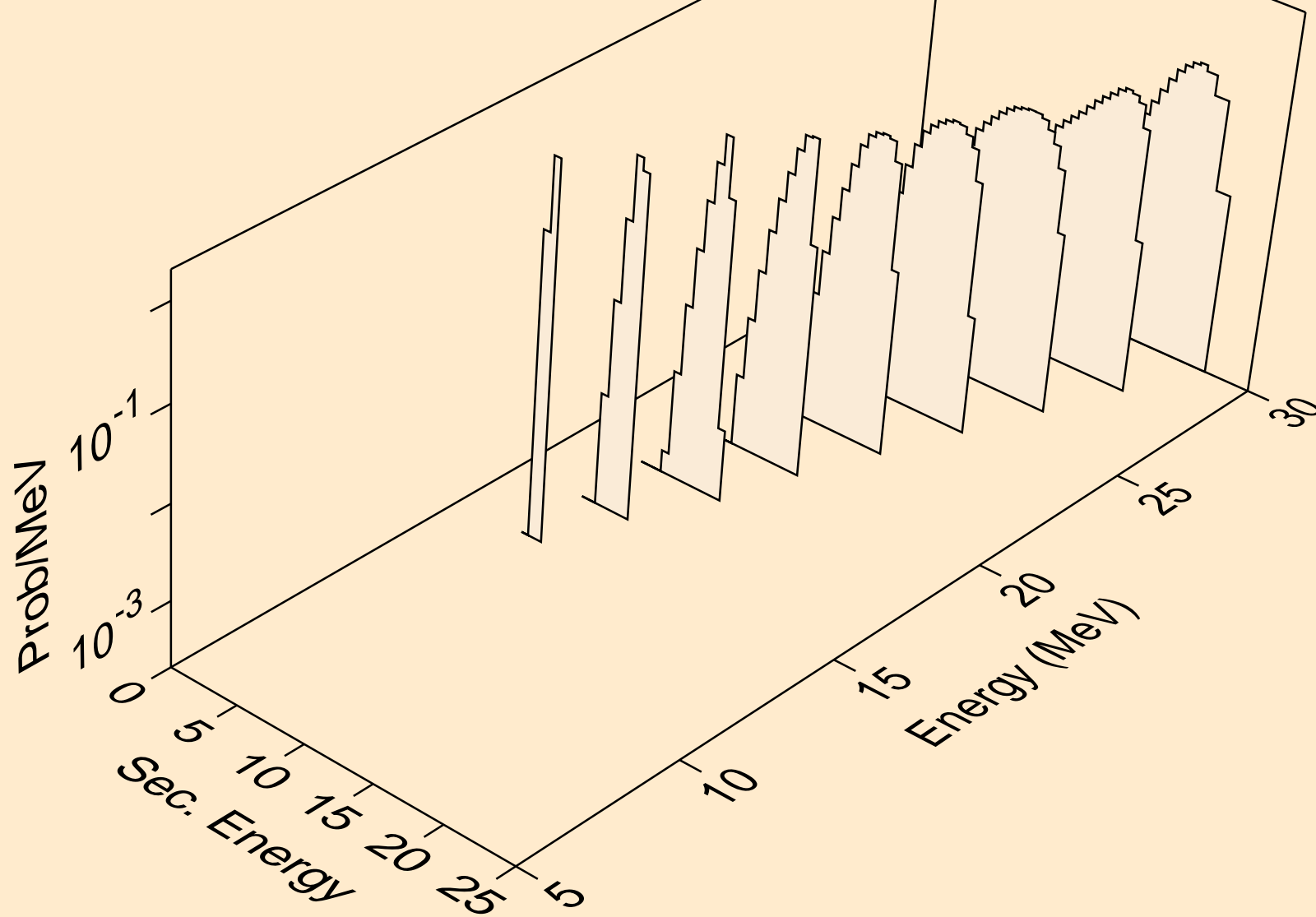




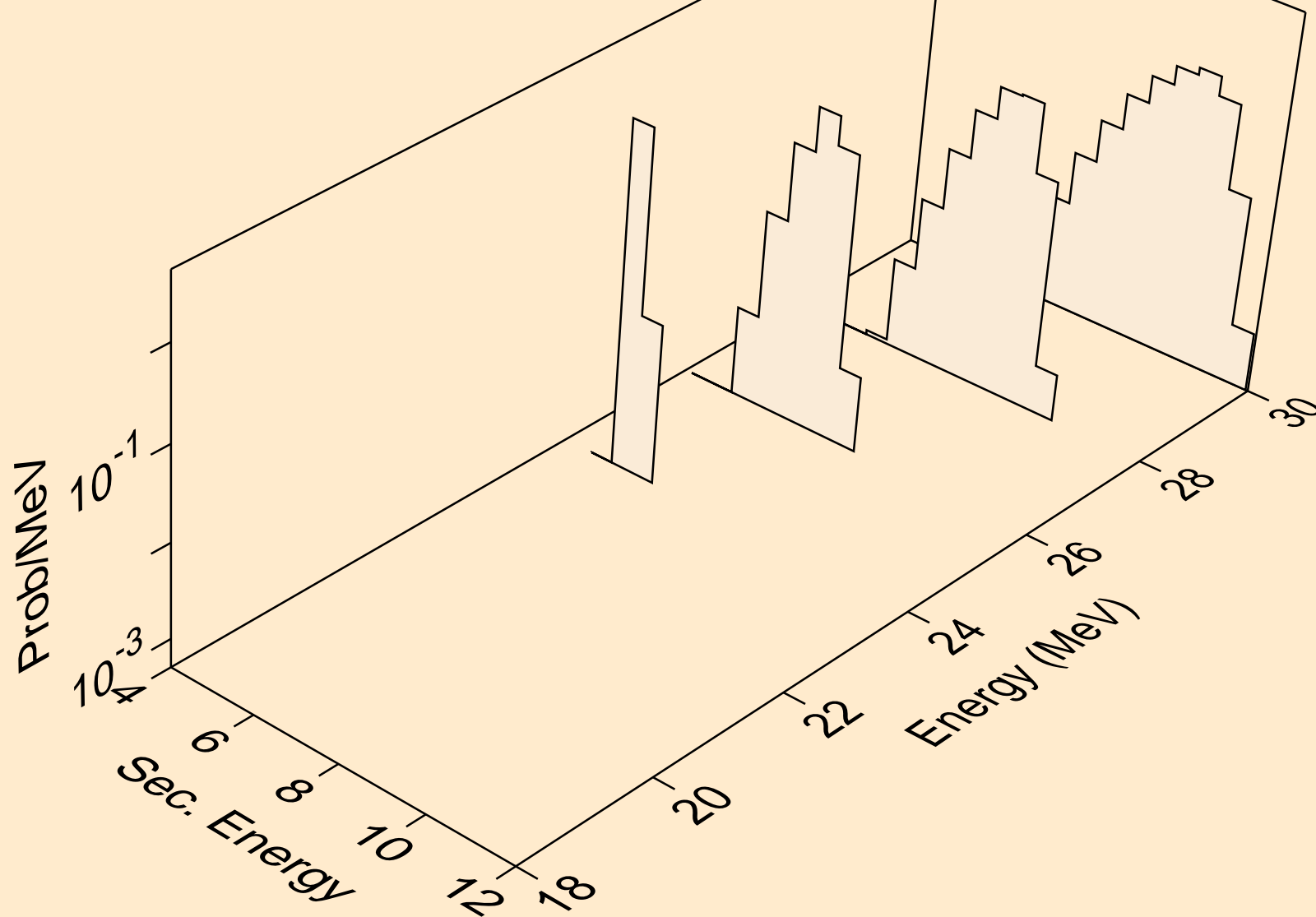
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



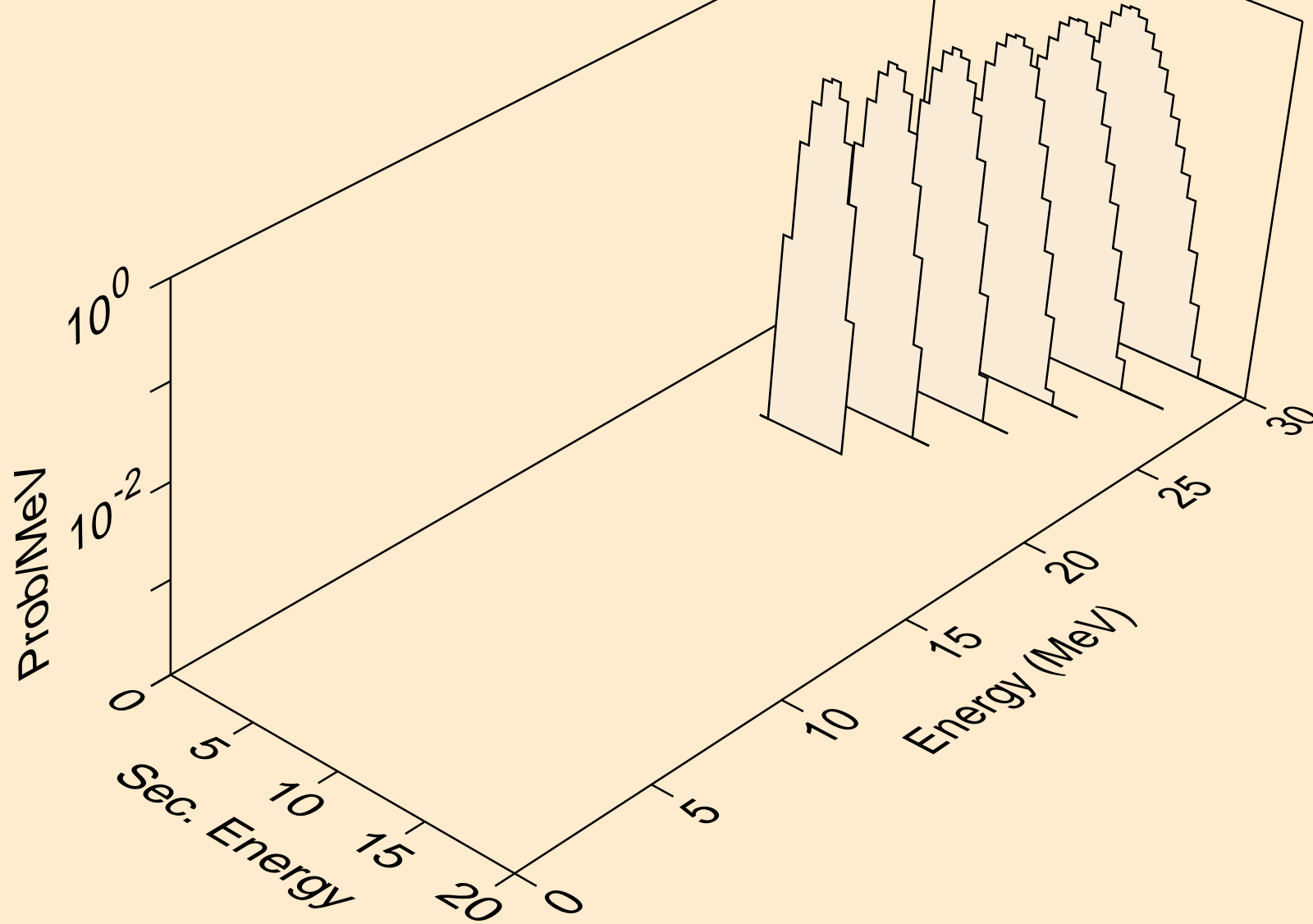
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



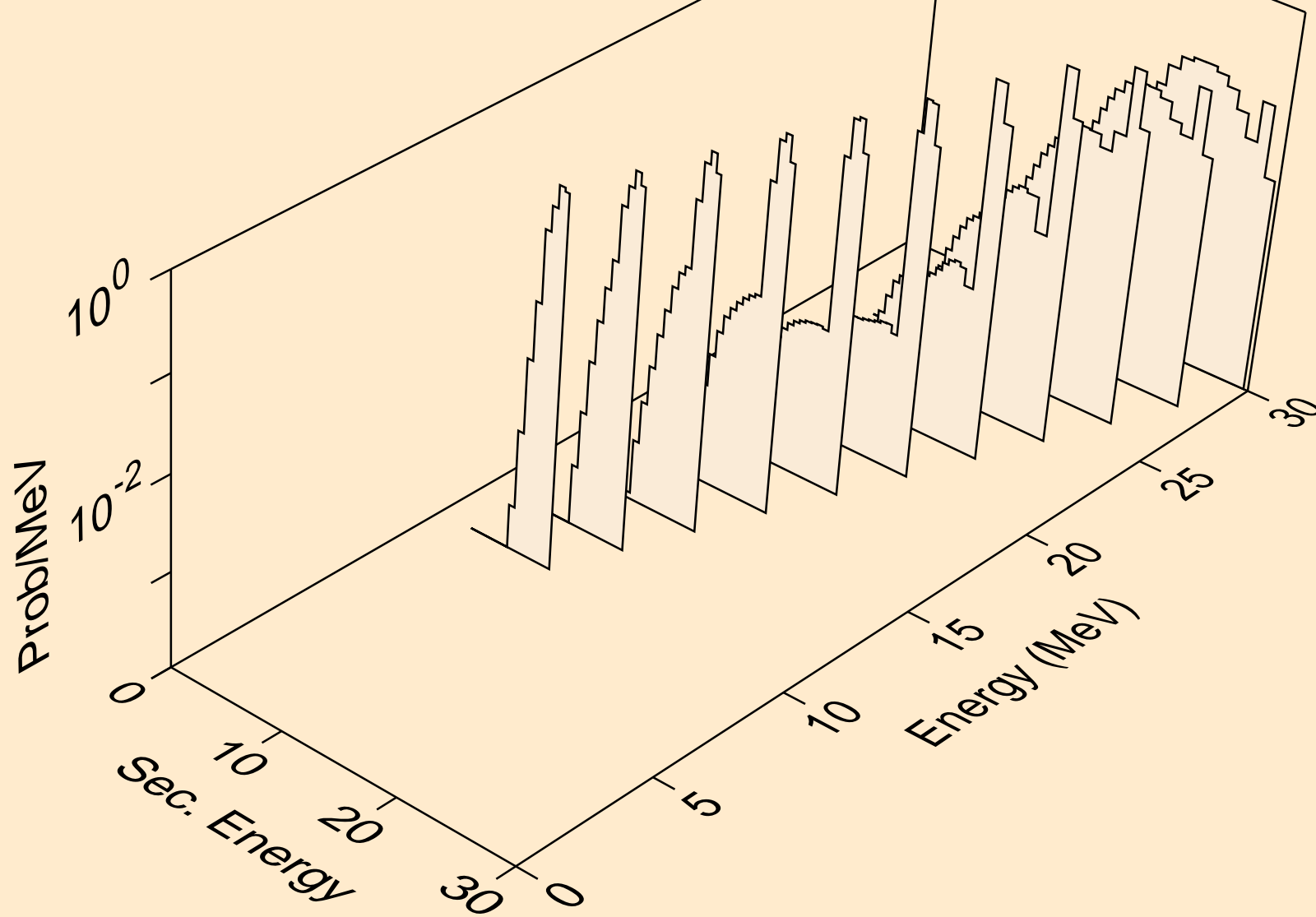
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



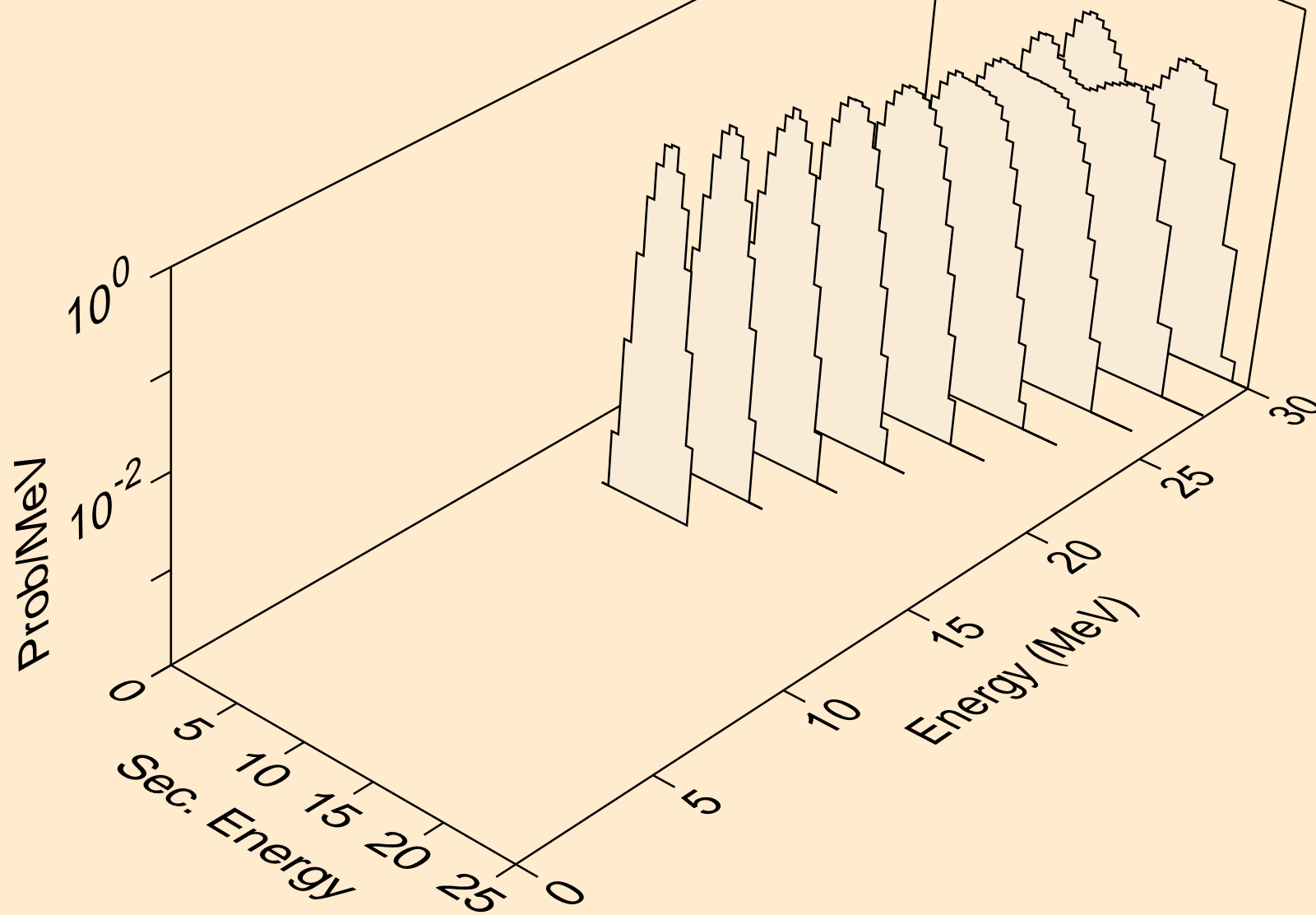
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



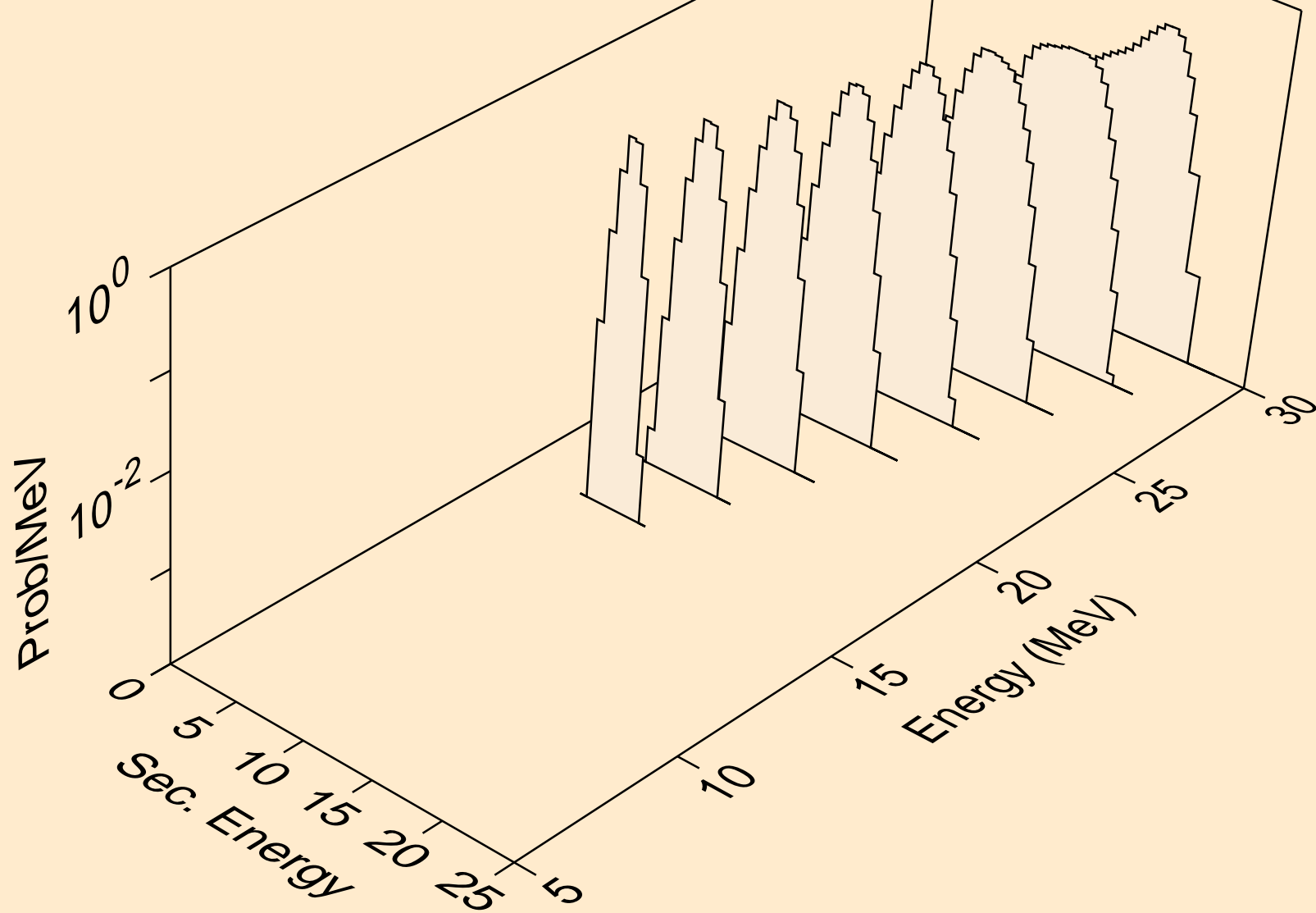
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



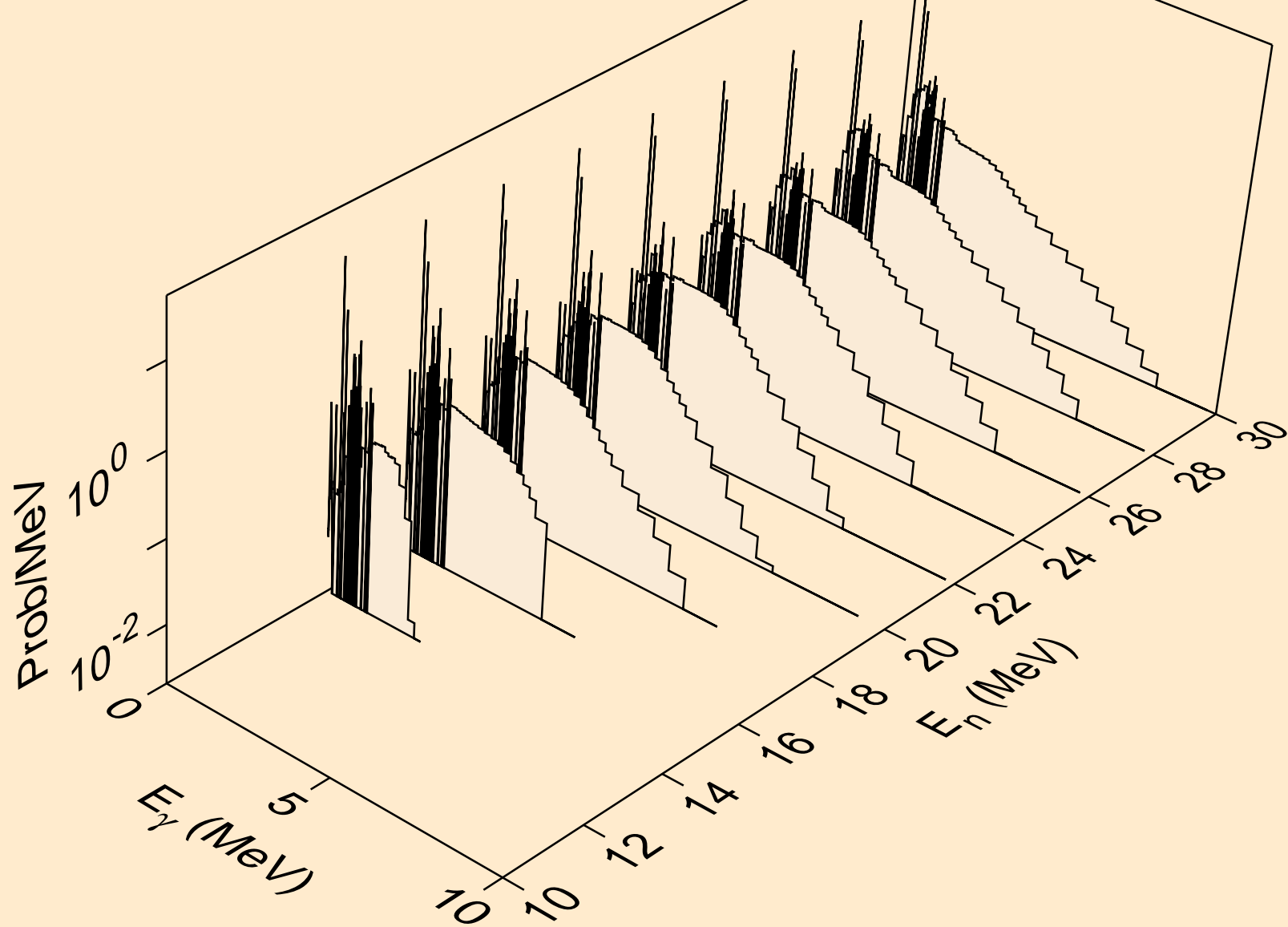
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

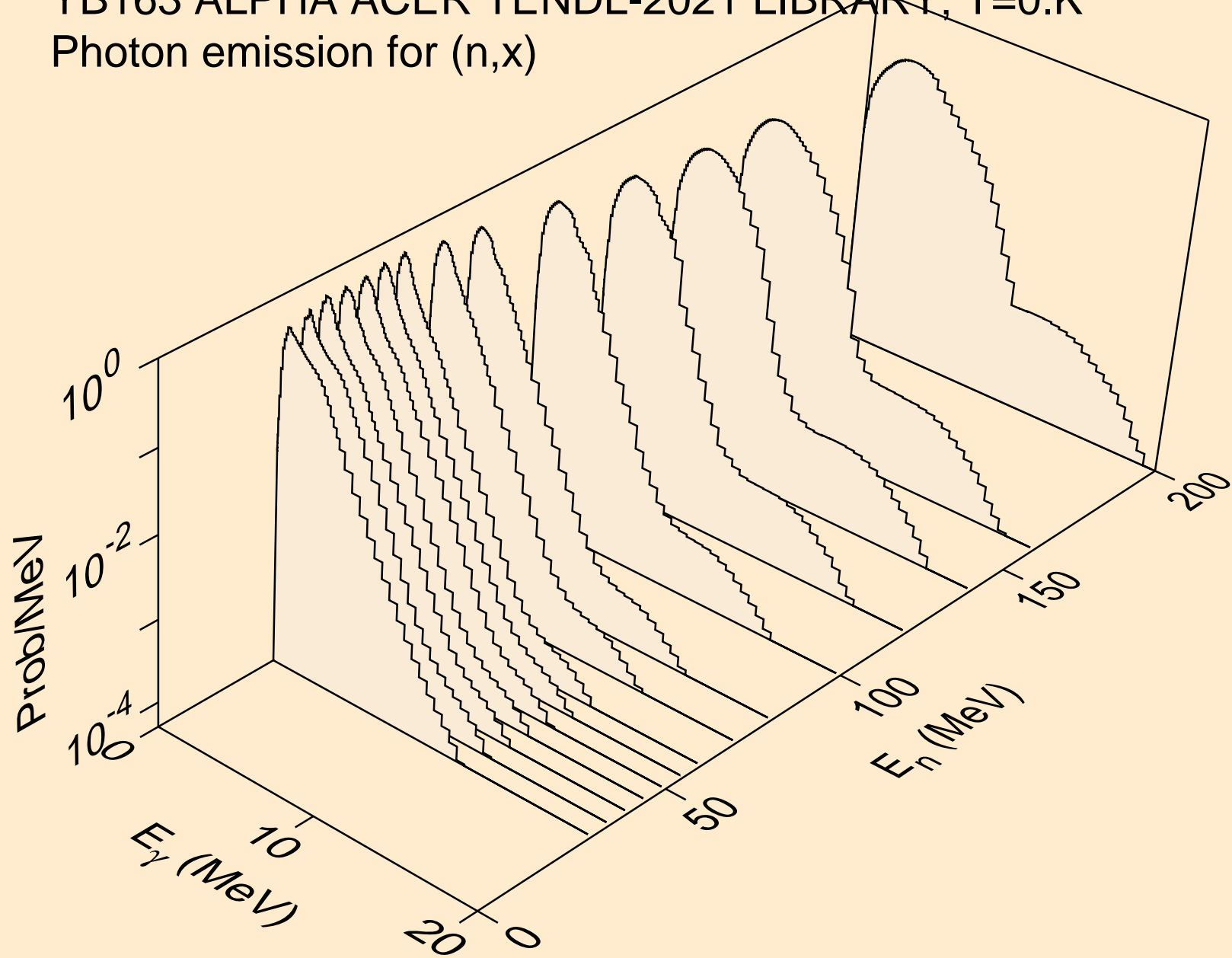


YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

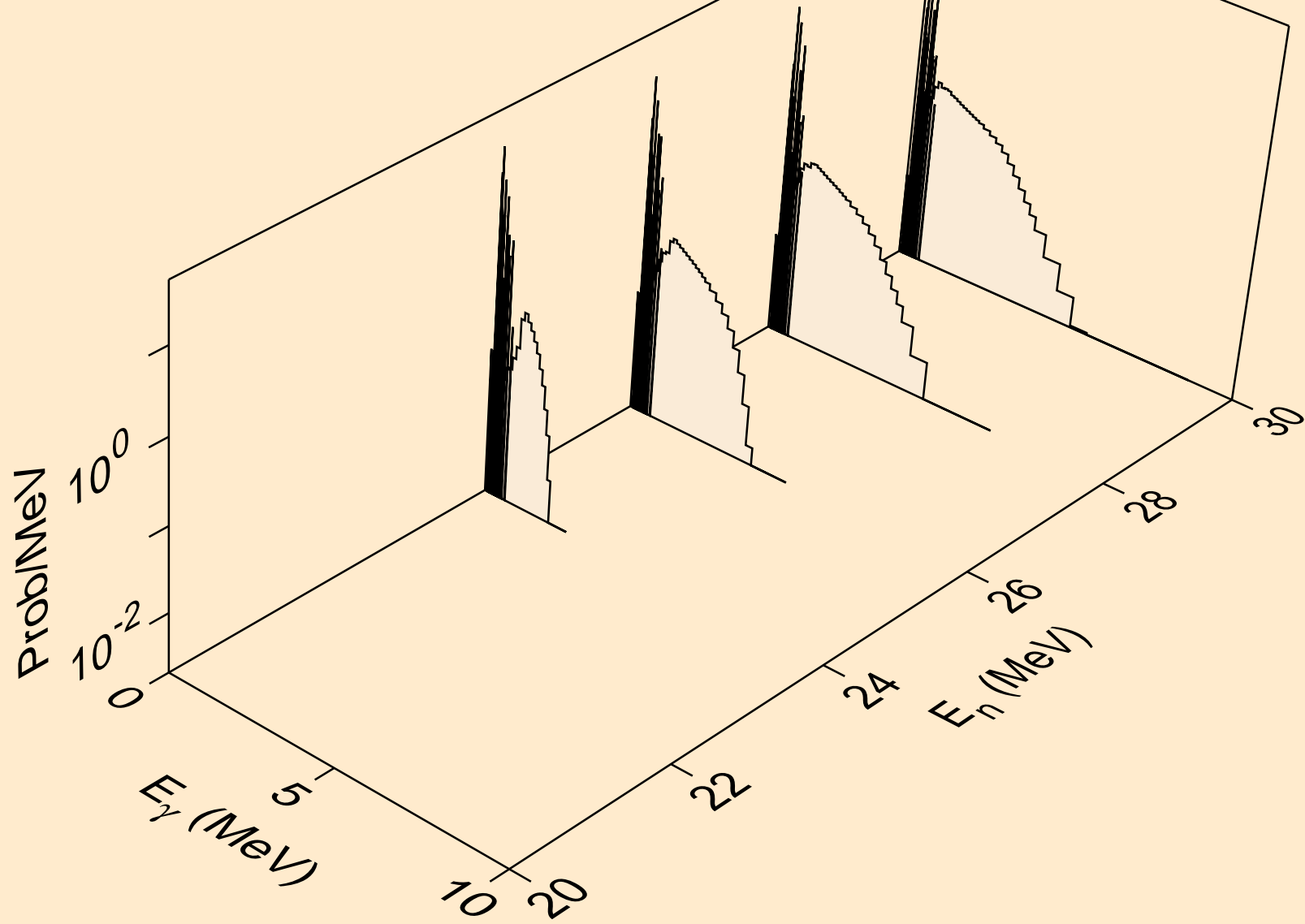




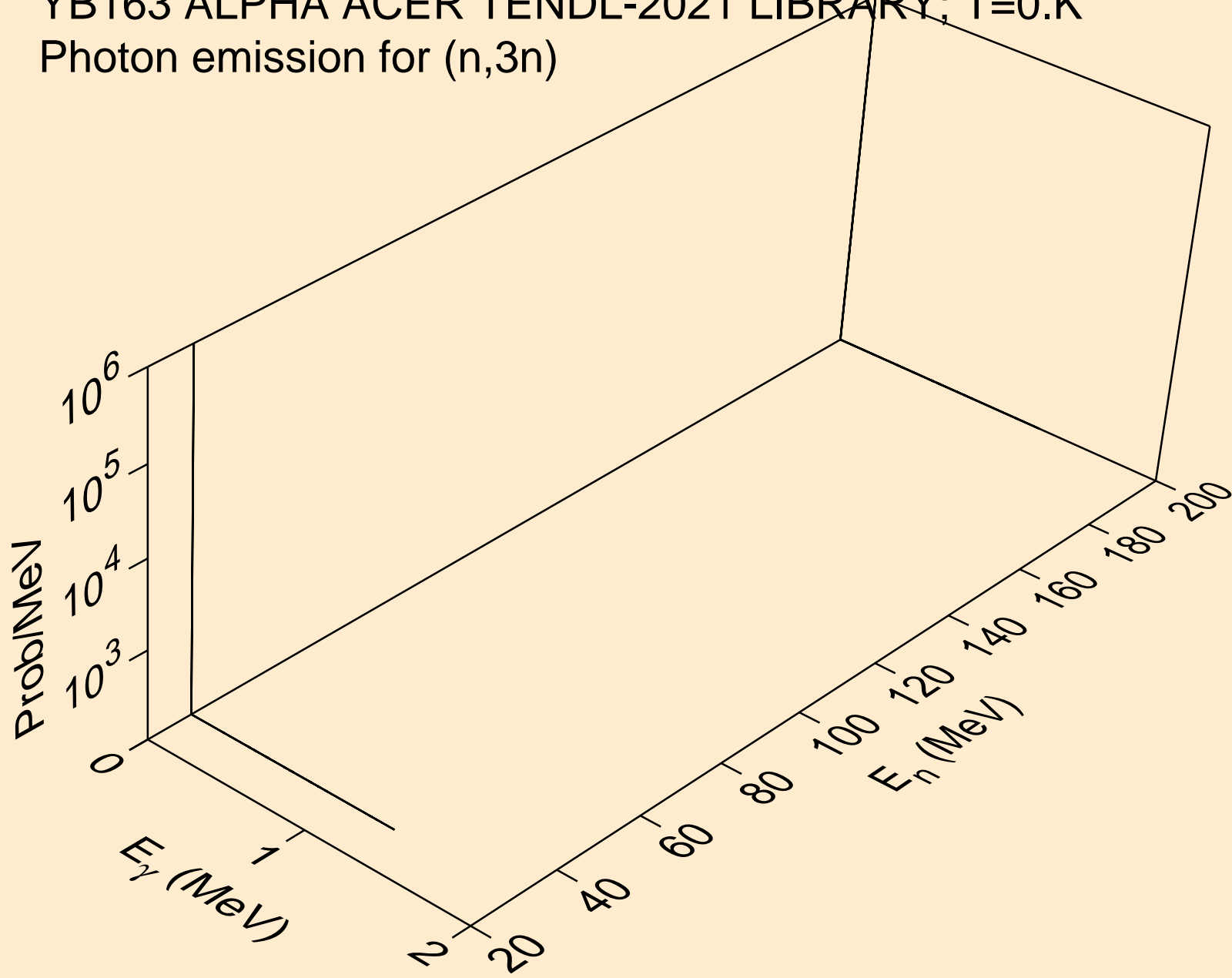
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



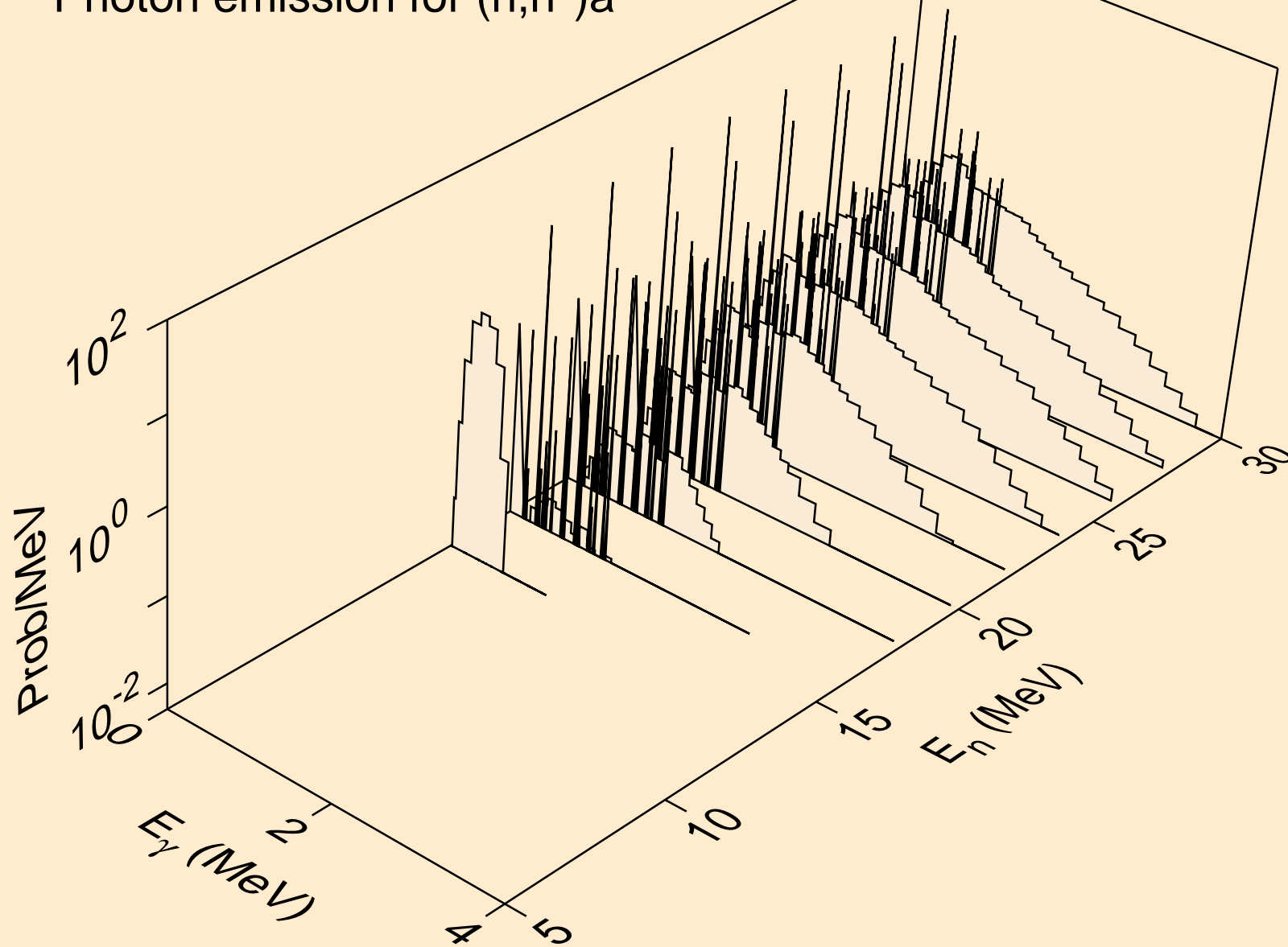
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



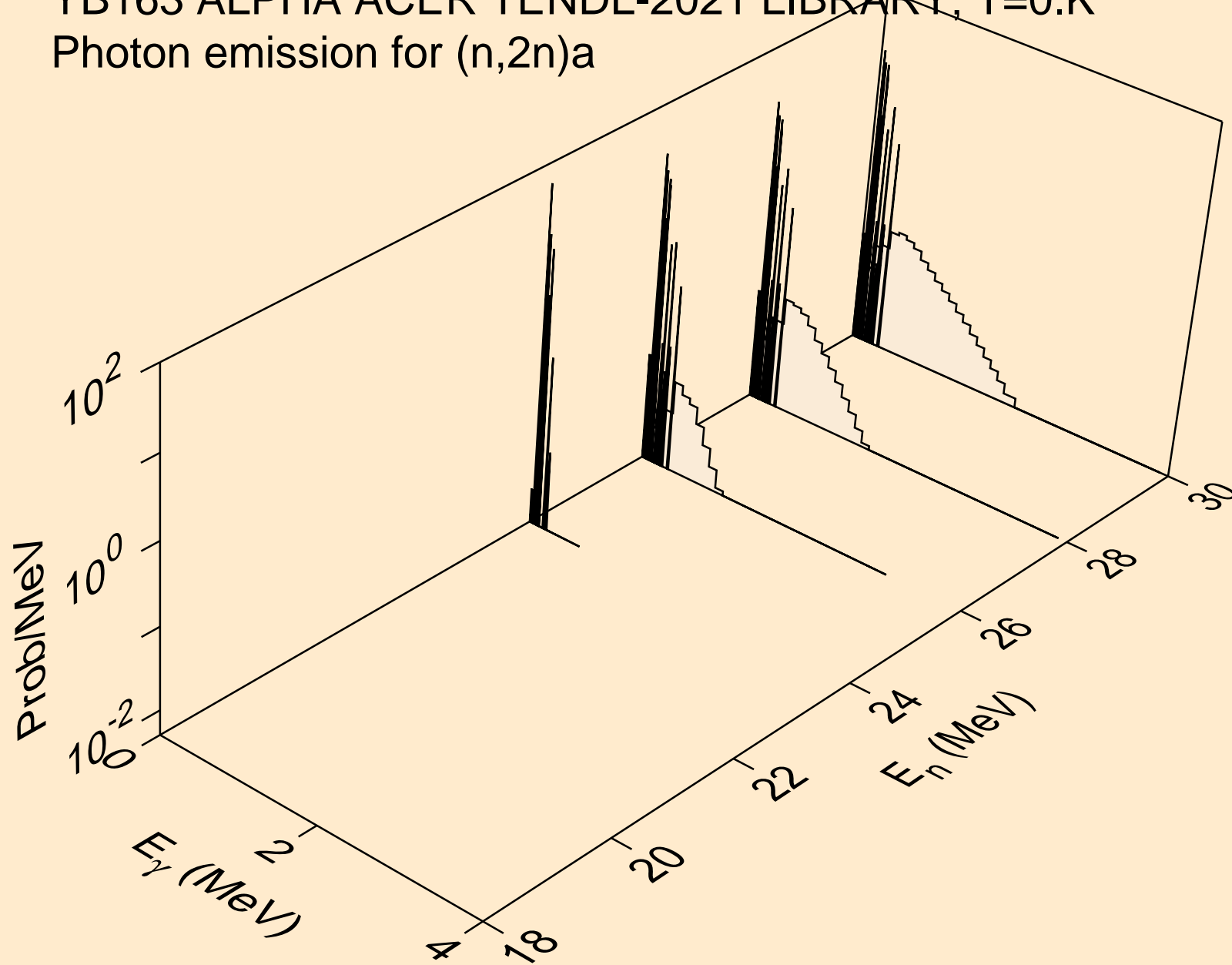
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



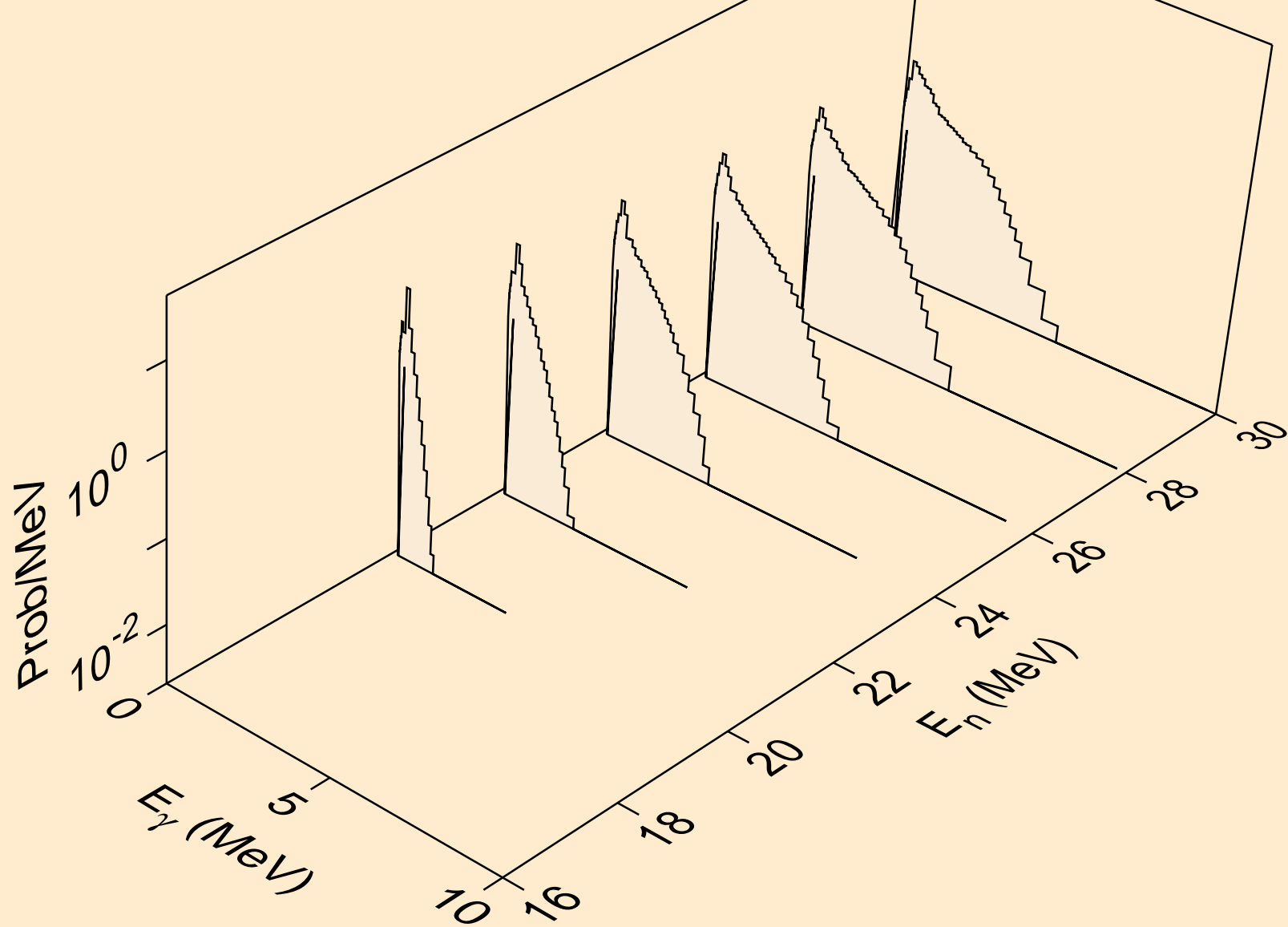
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



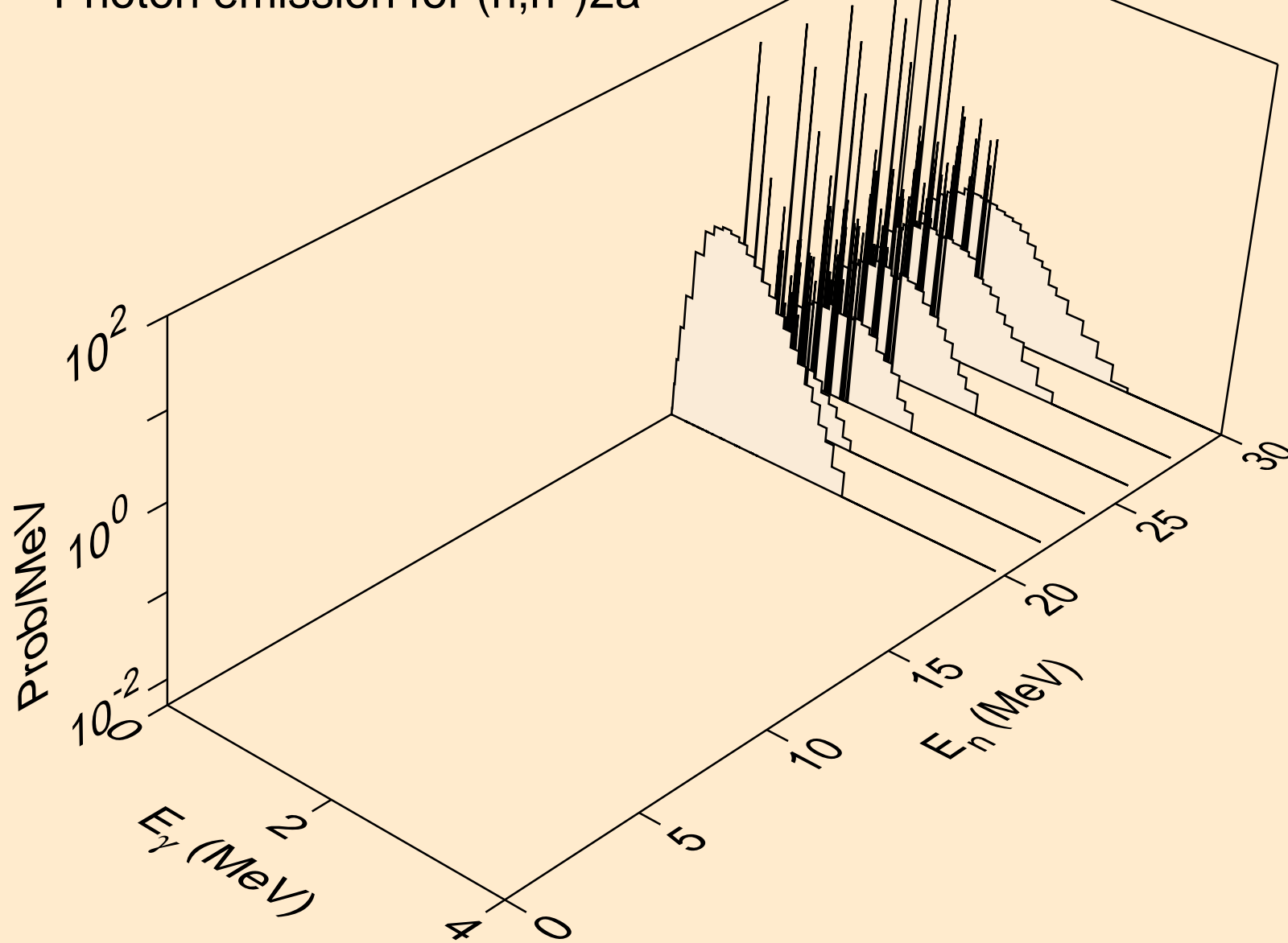
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



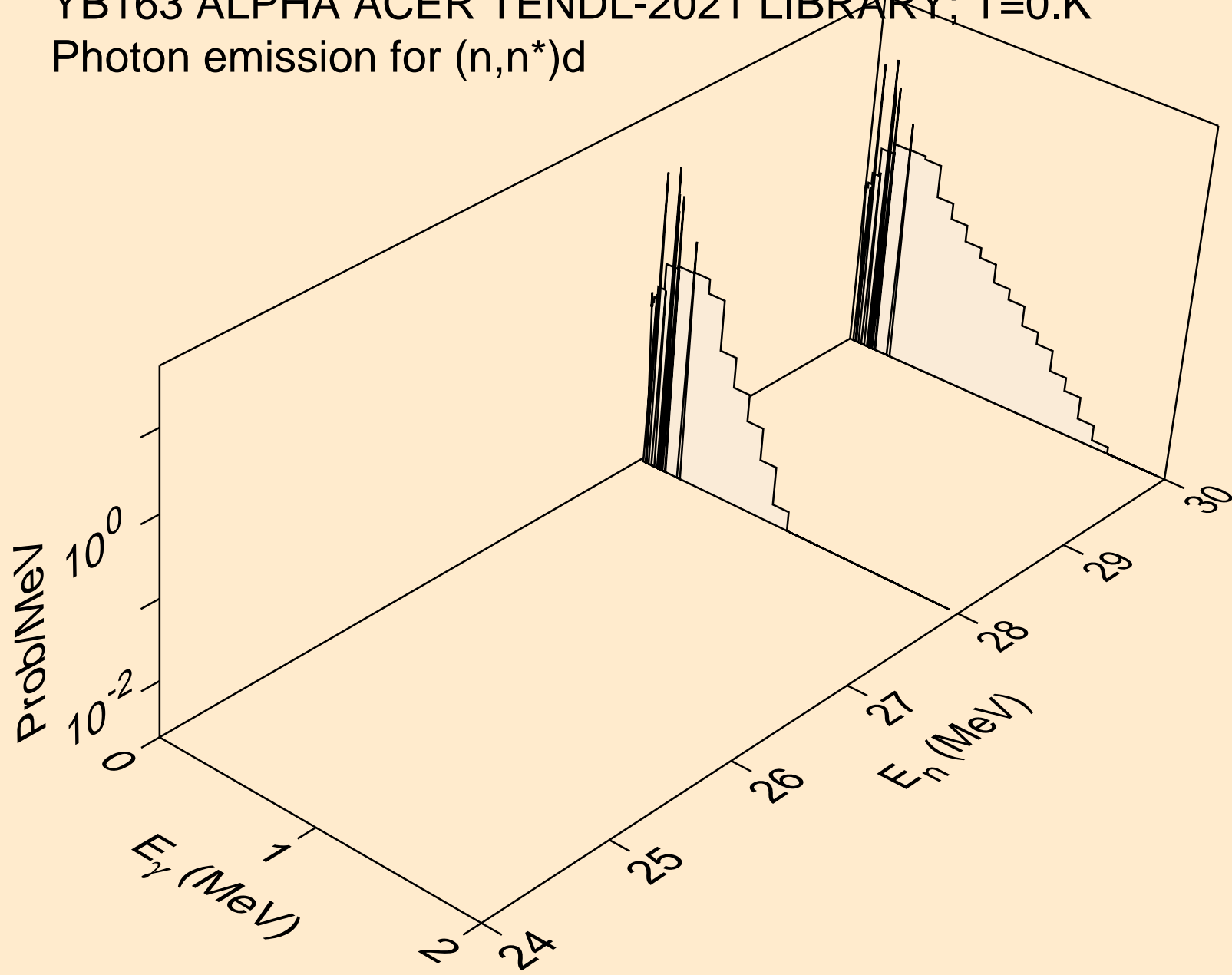
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

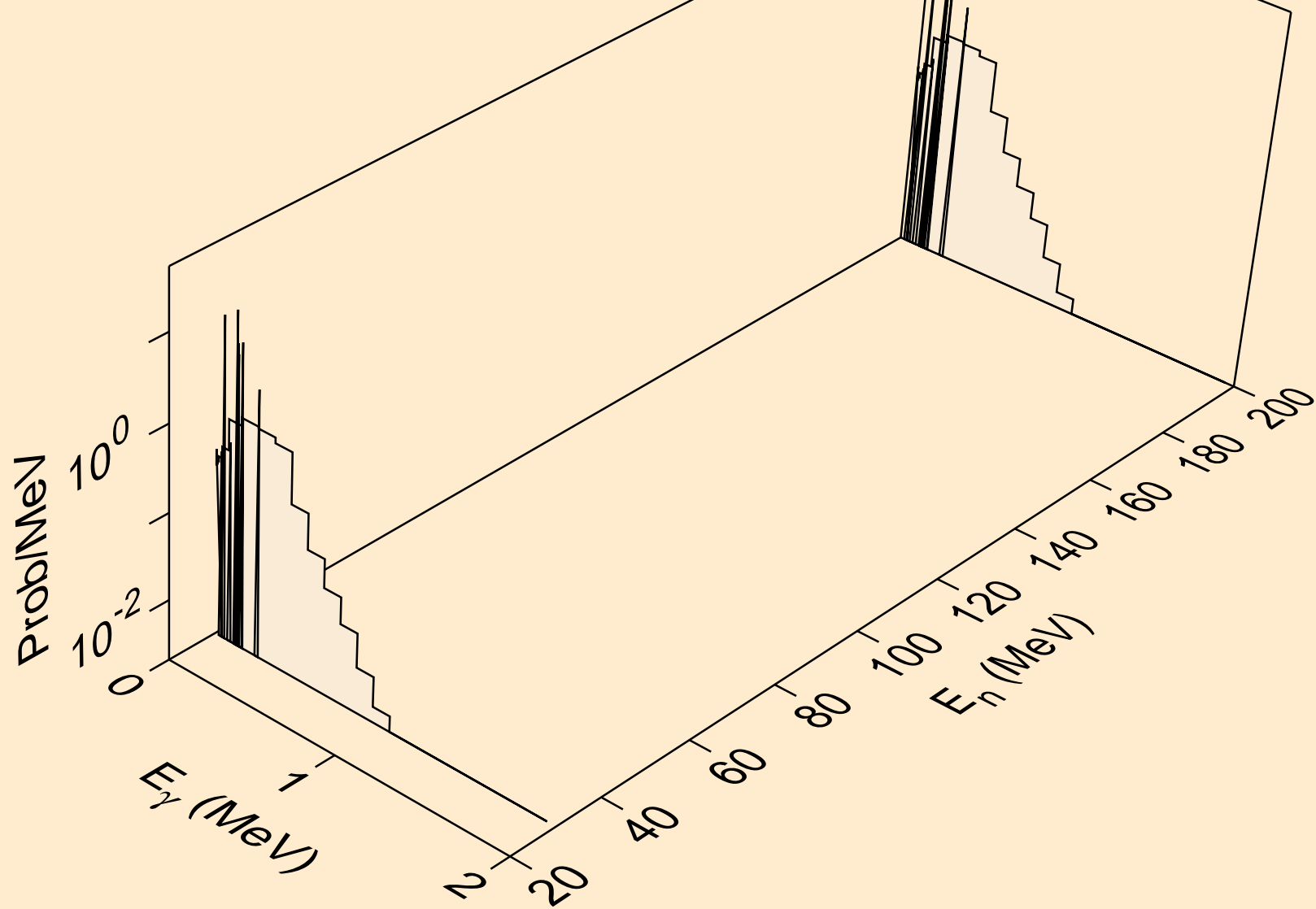


YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

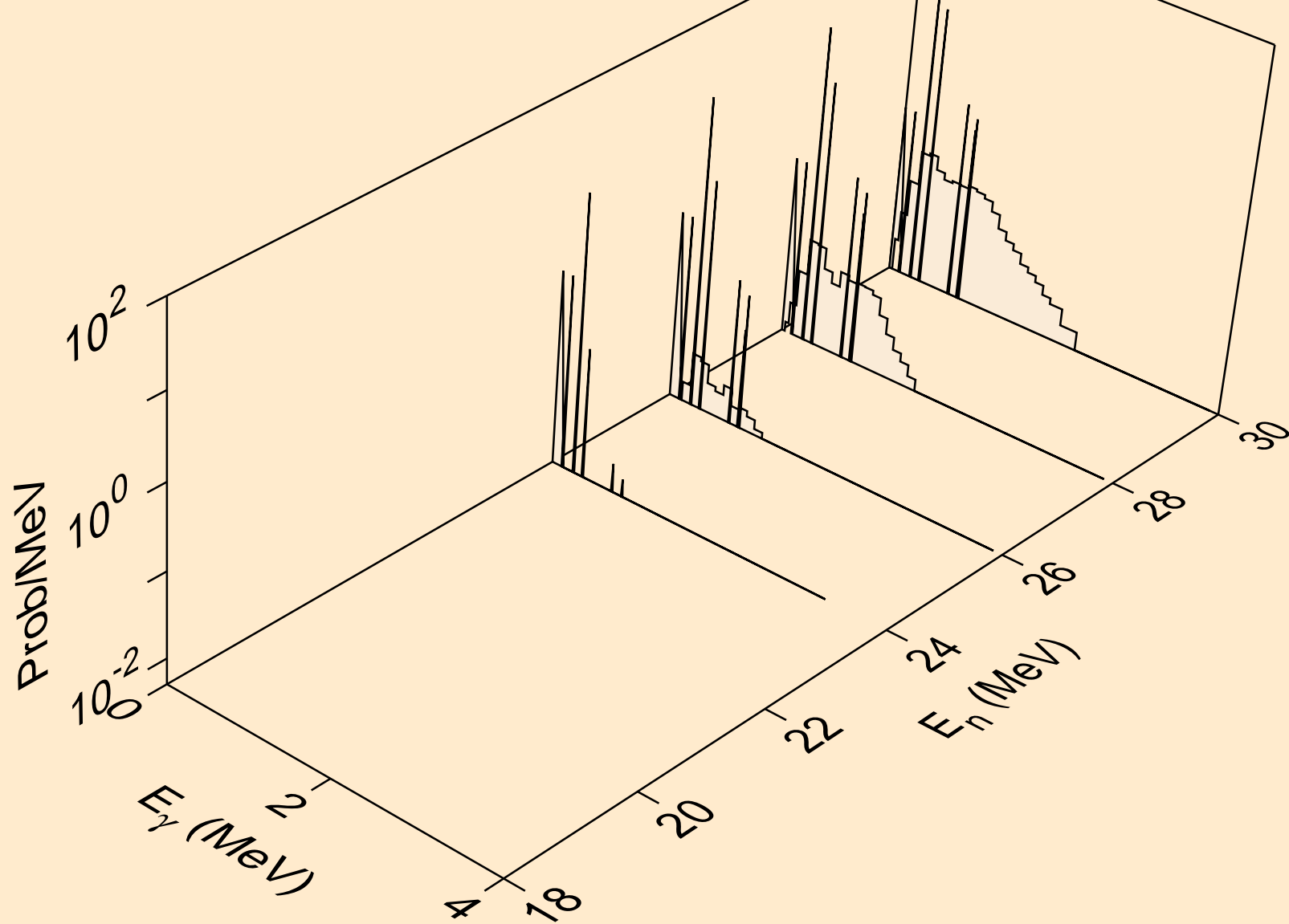




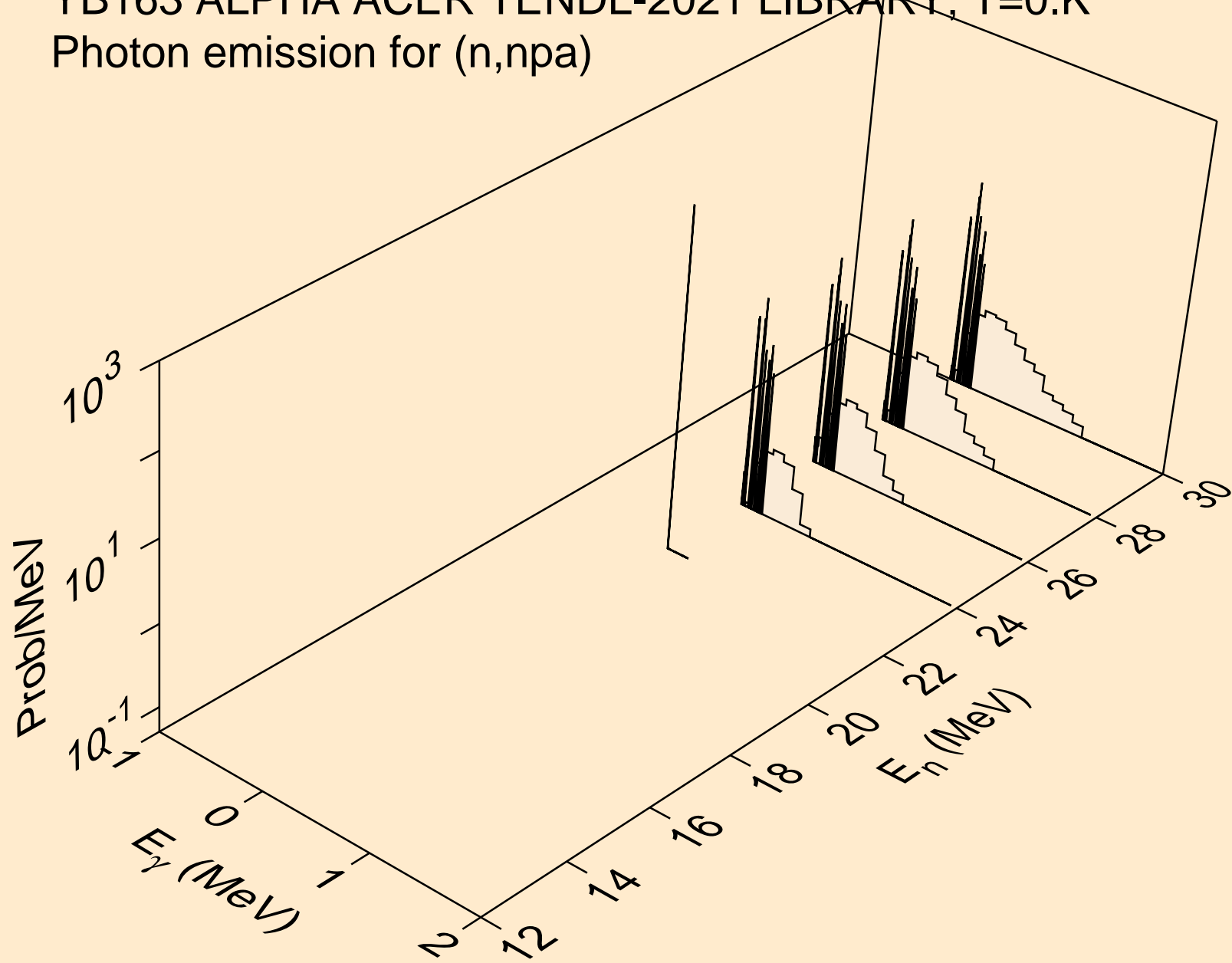
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



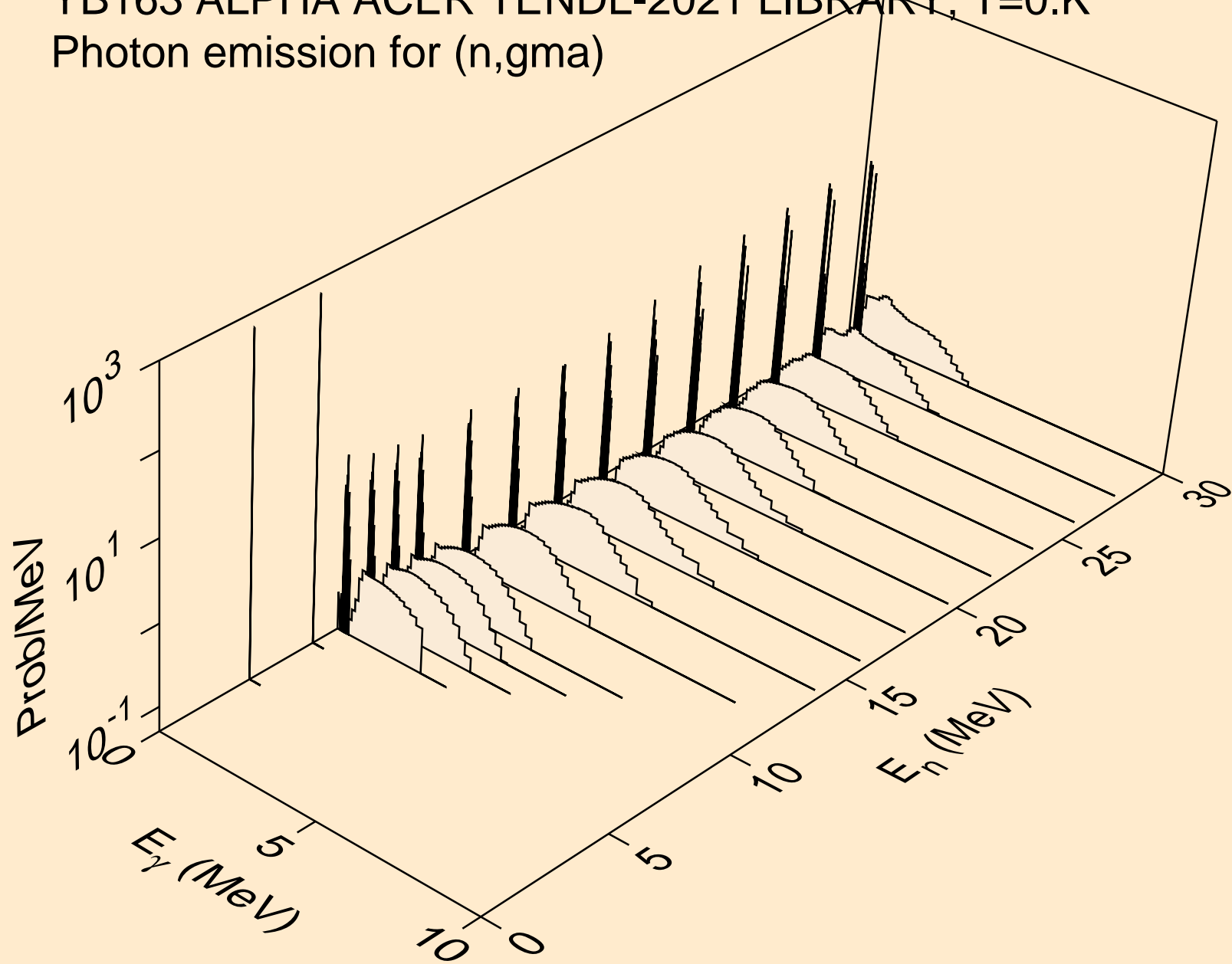
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Photon emission for (n,2np)



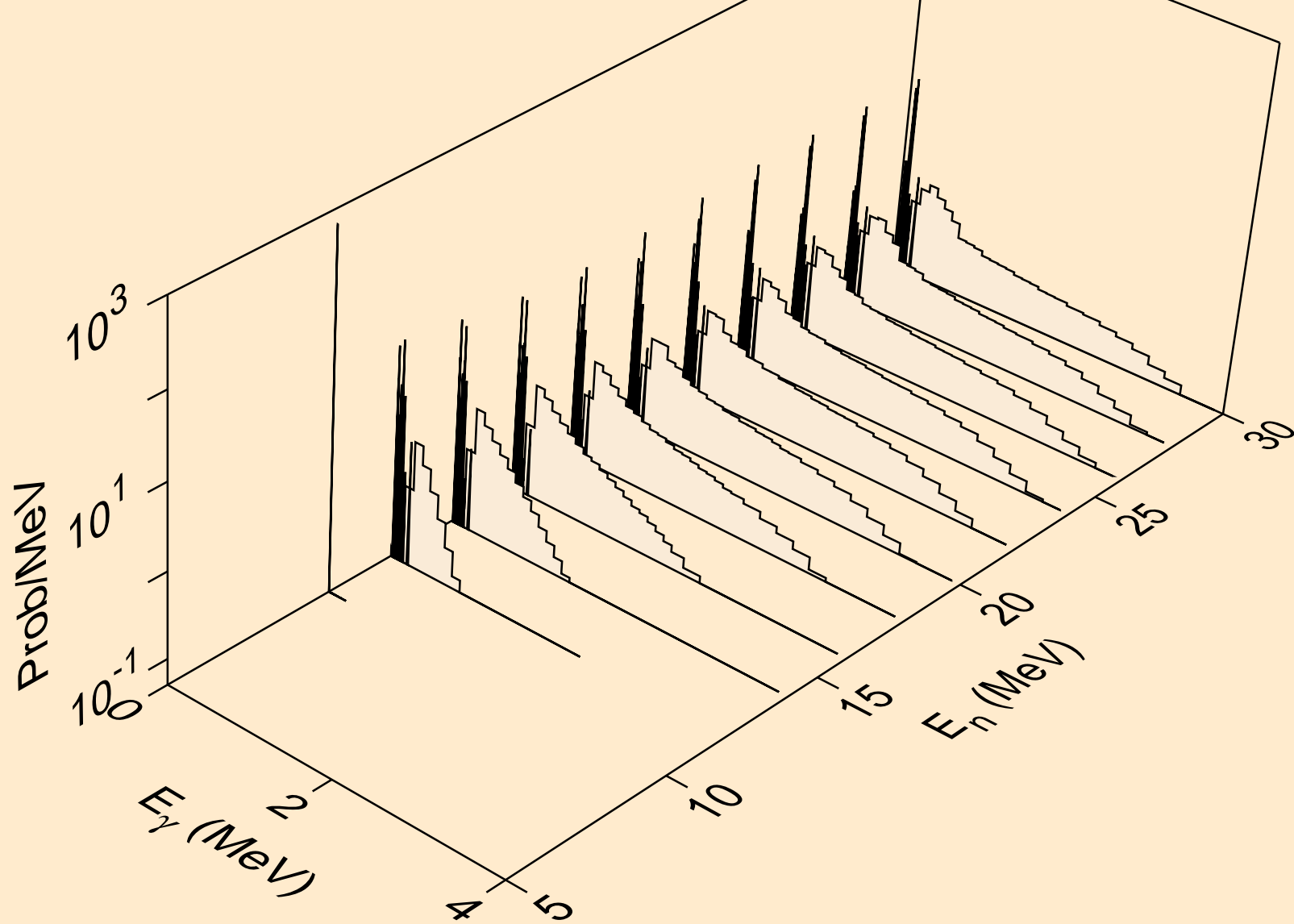
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Photon emission for (n,npa)



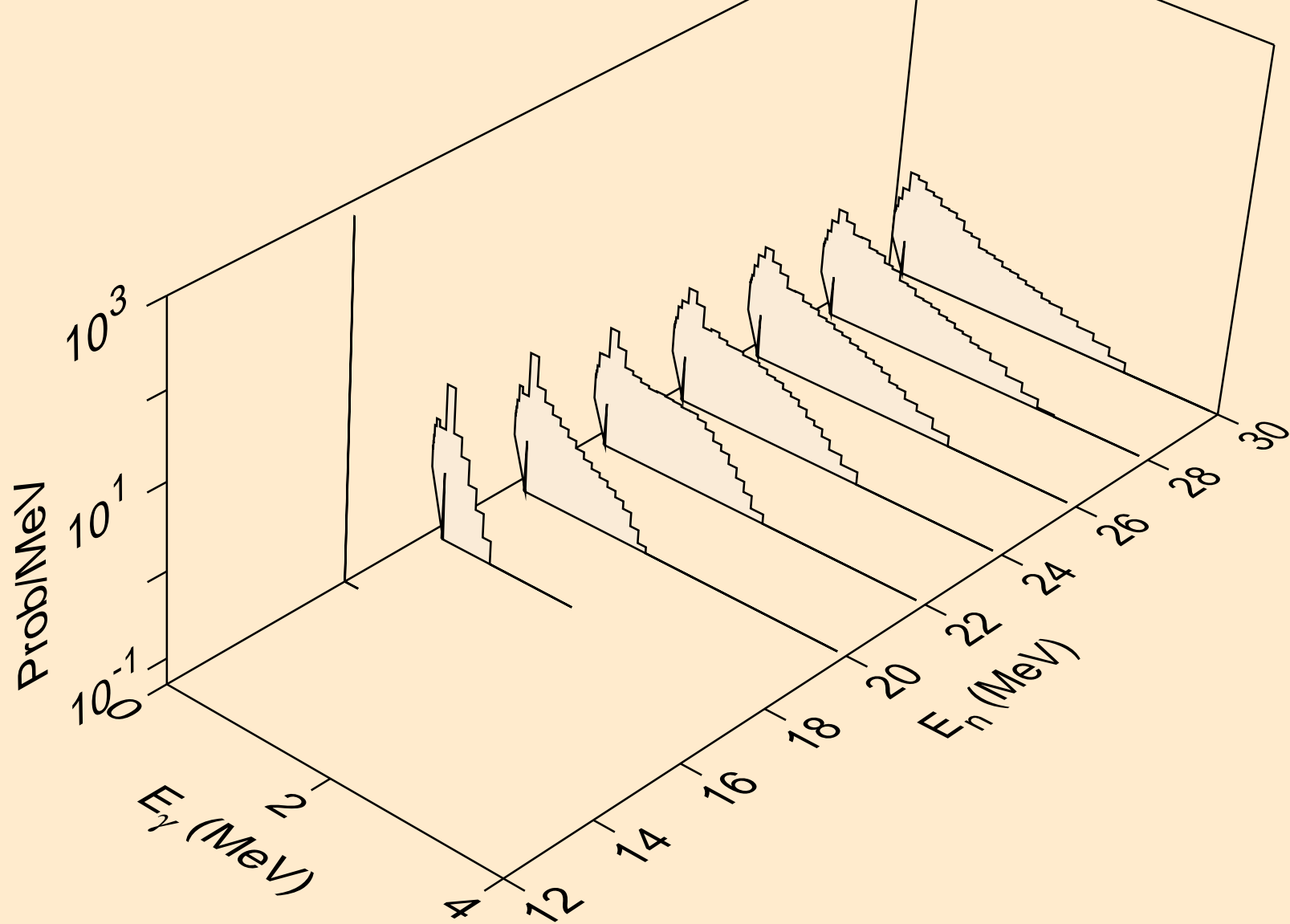
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Photon emission for (n,gma)



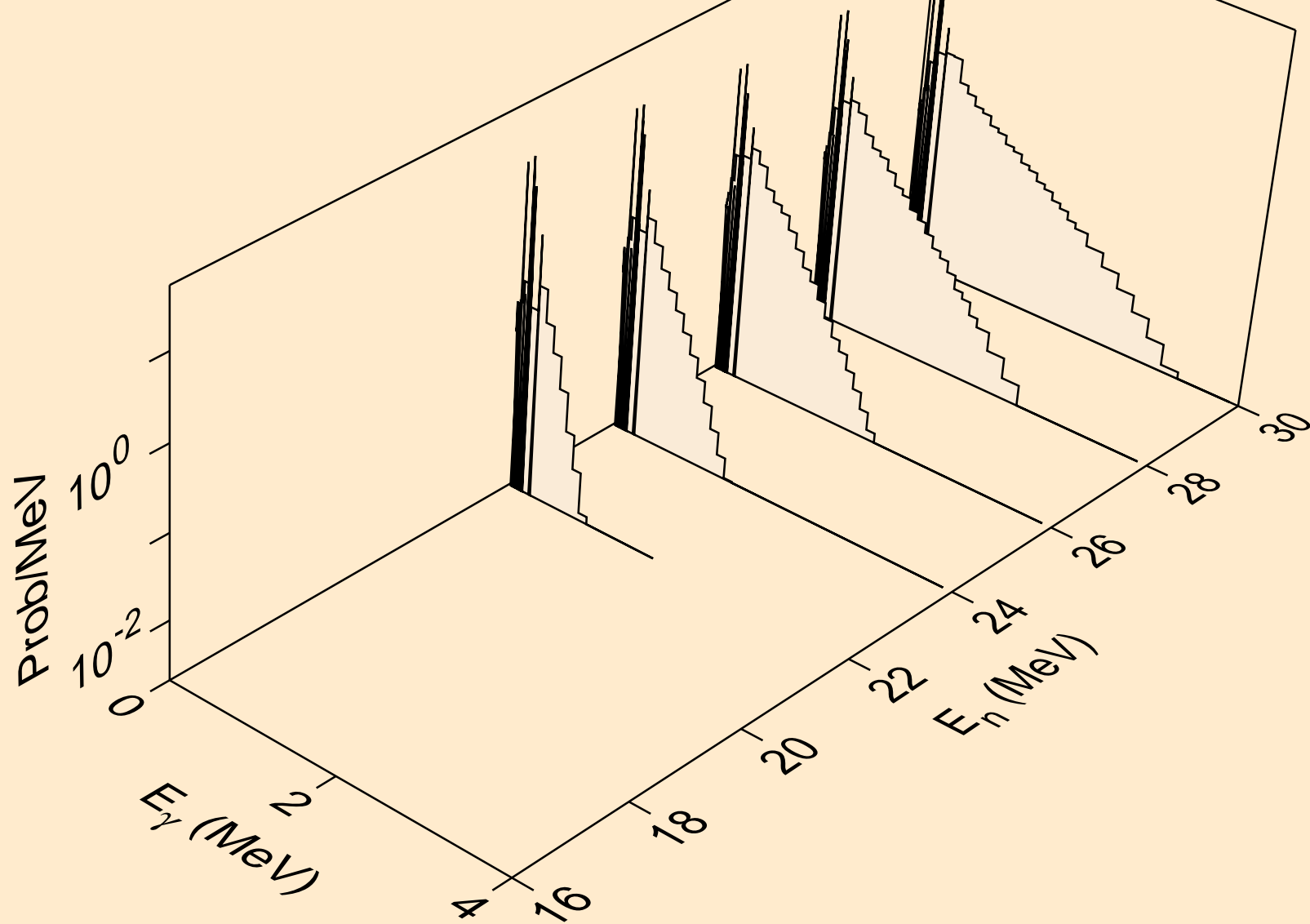
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Photon emission for (n,p)



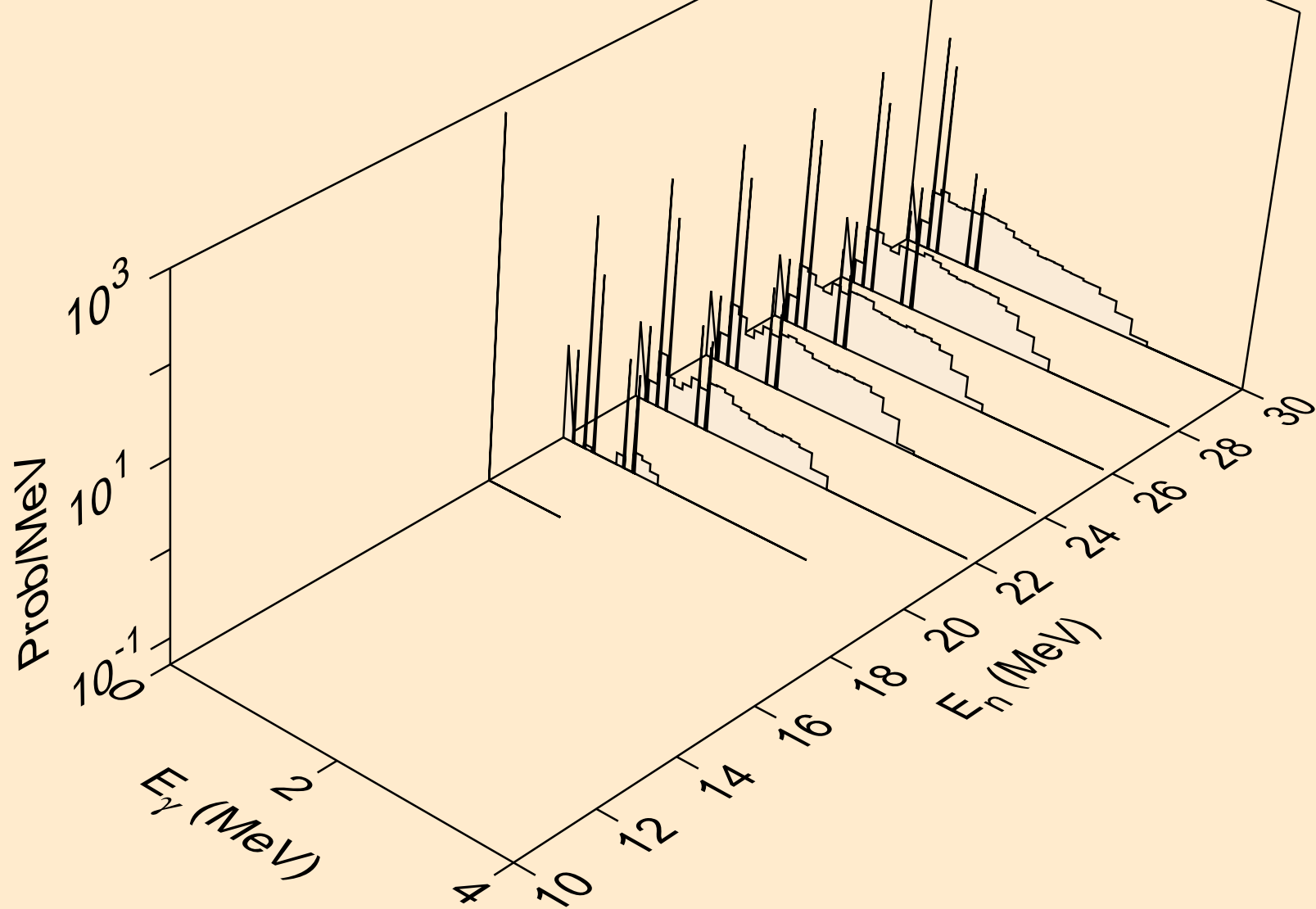
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

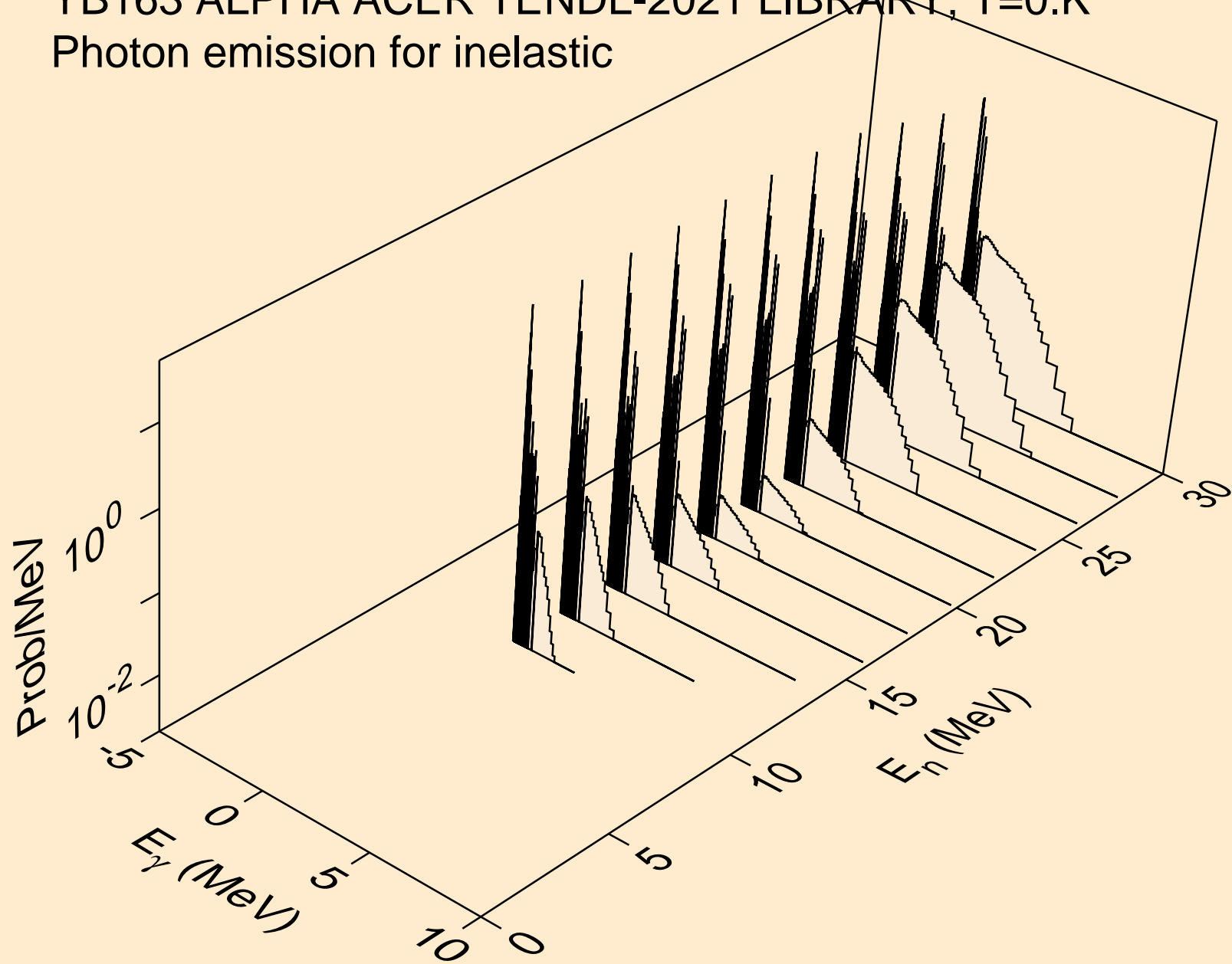


YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

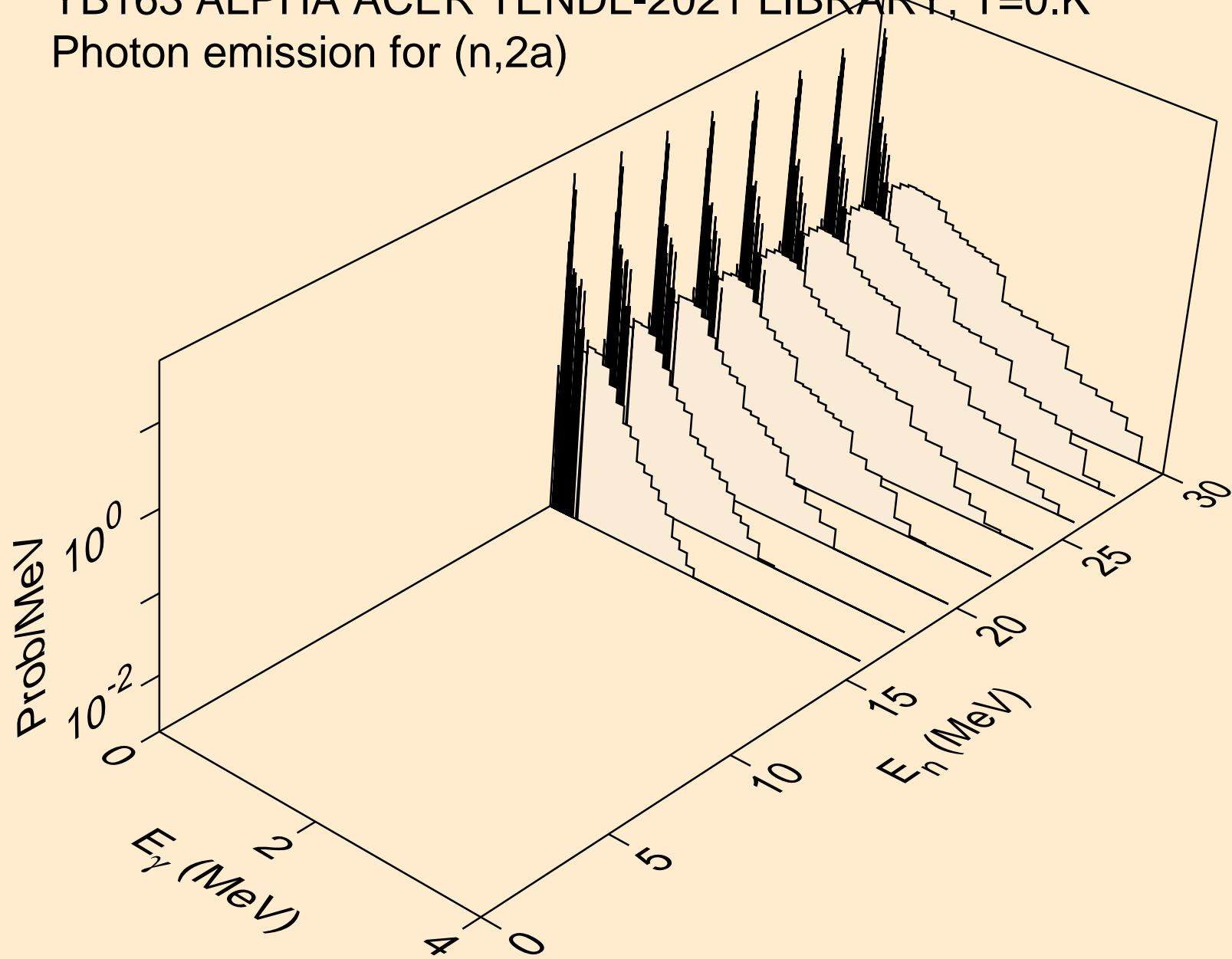




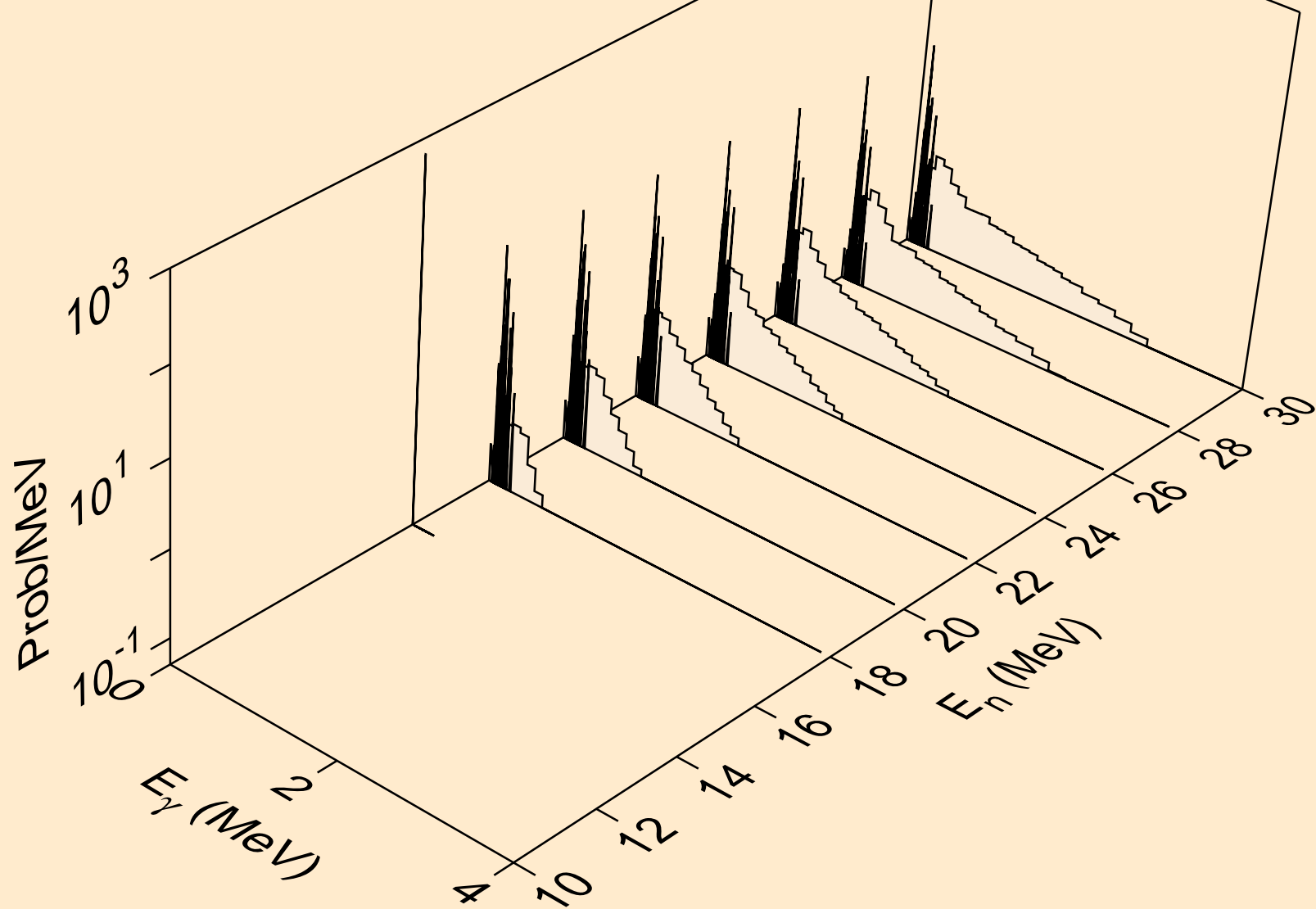
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



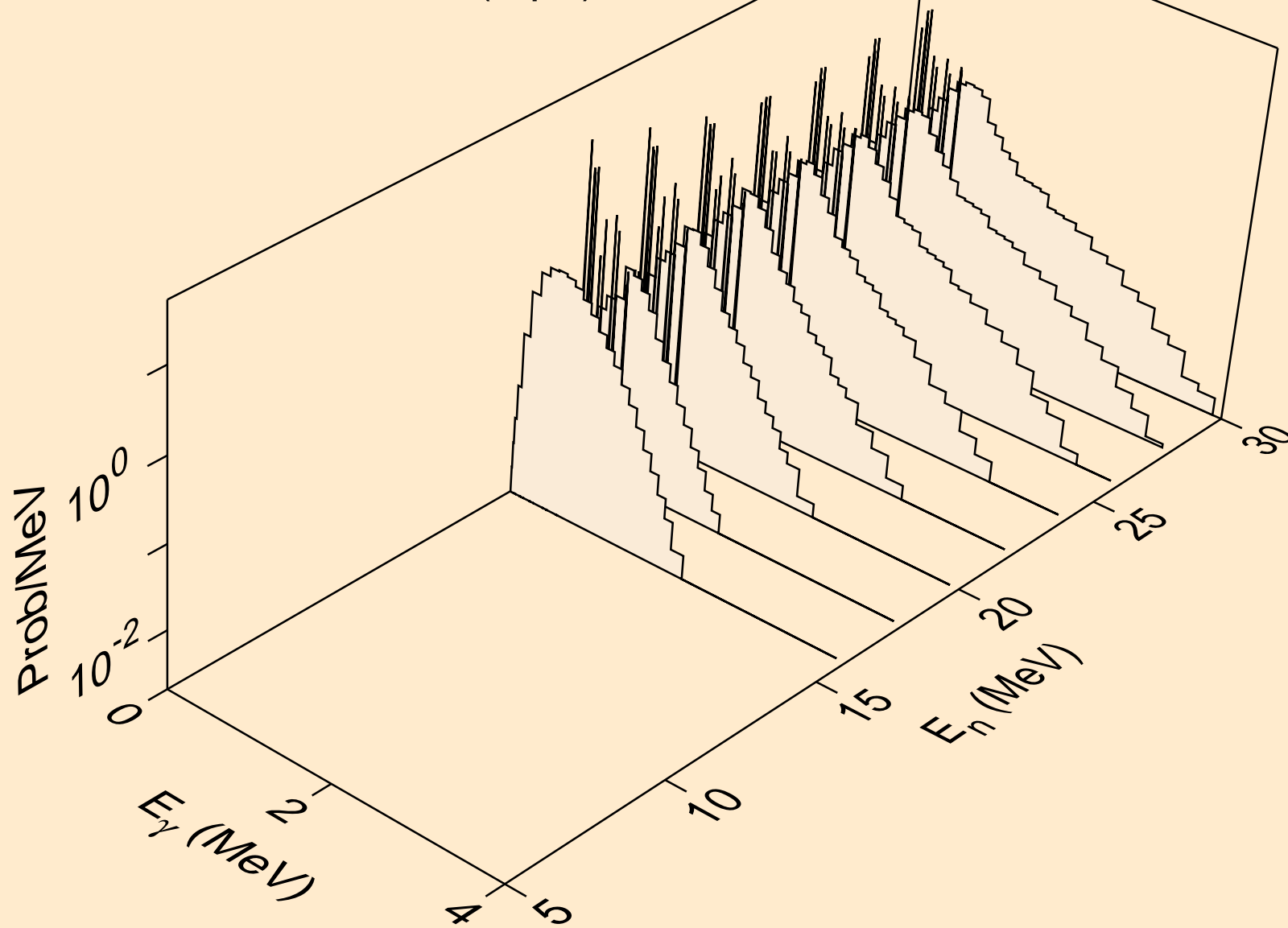
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



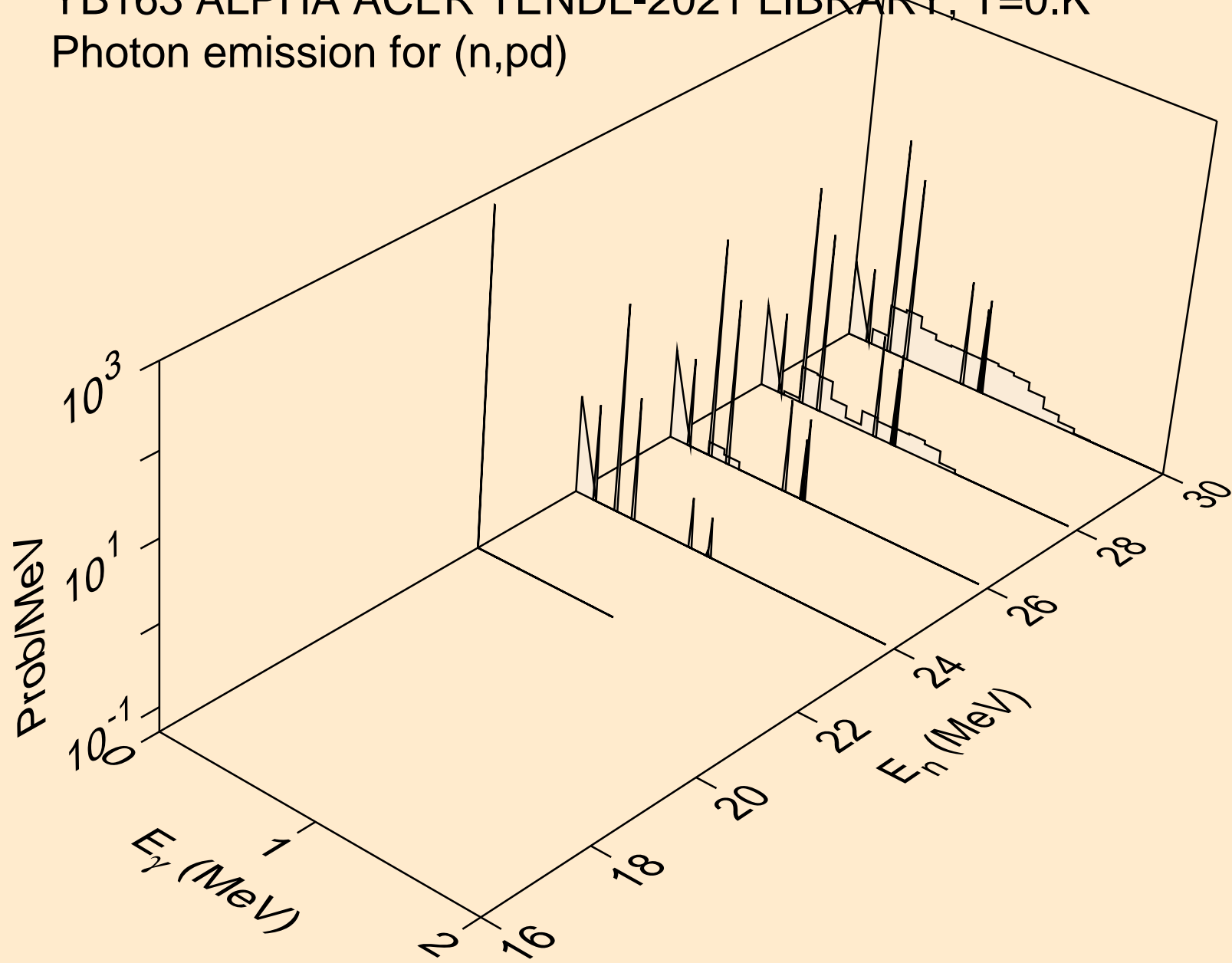
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Photon emission for (n,2p)



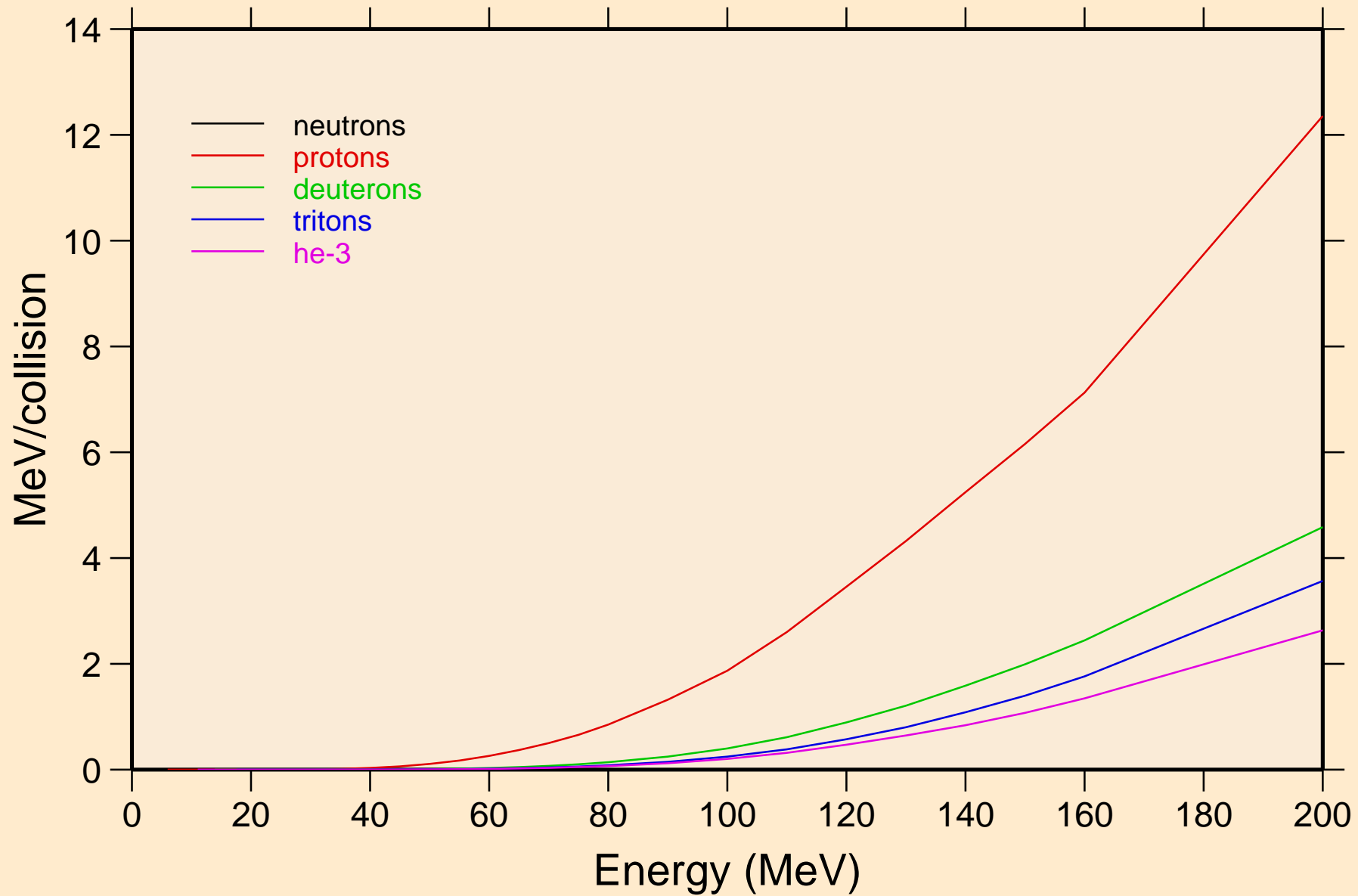
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



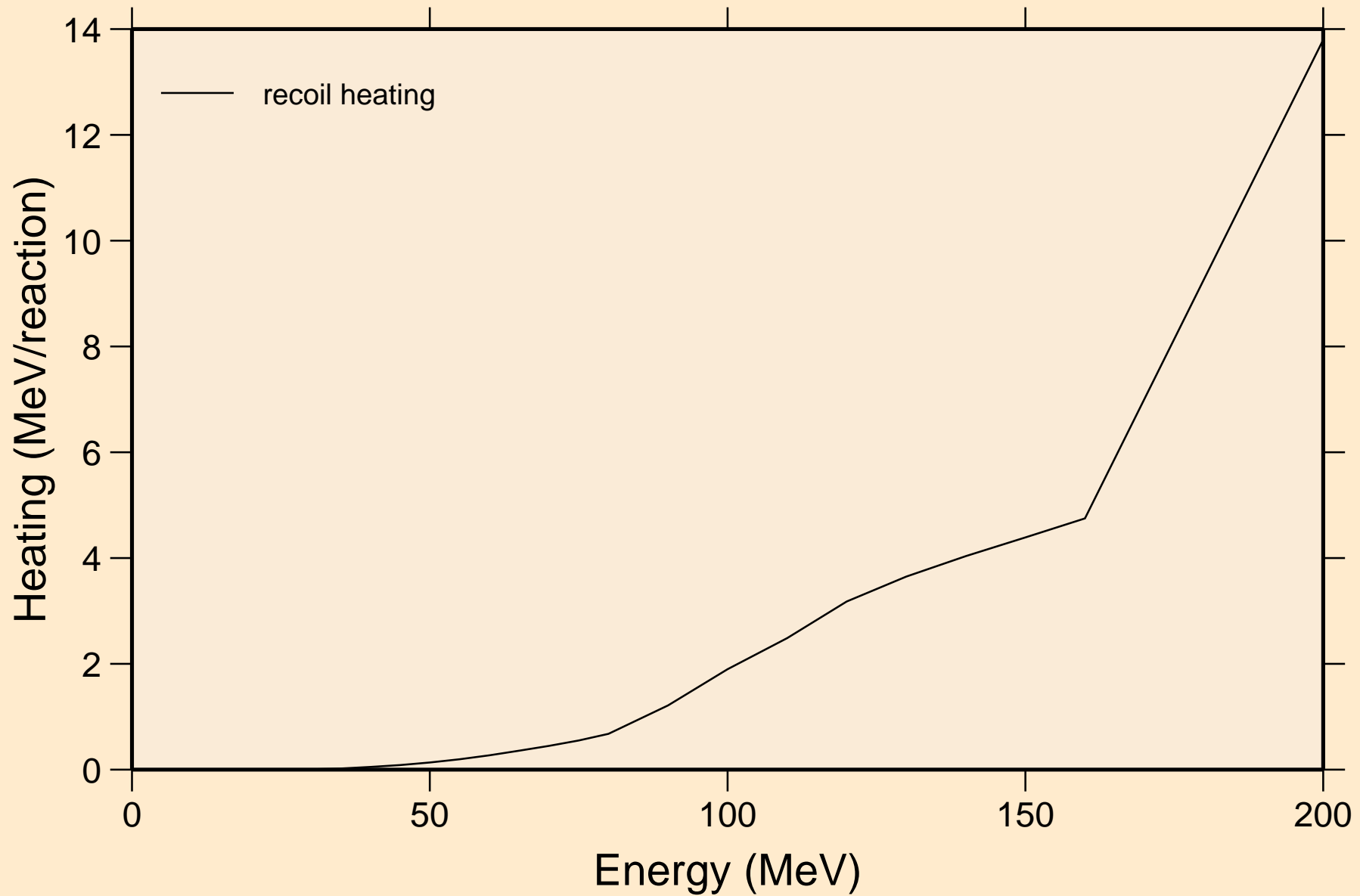
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



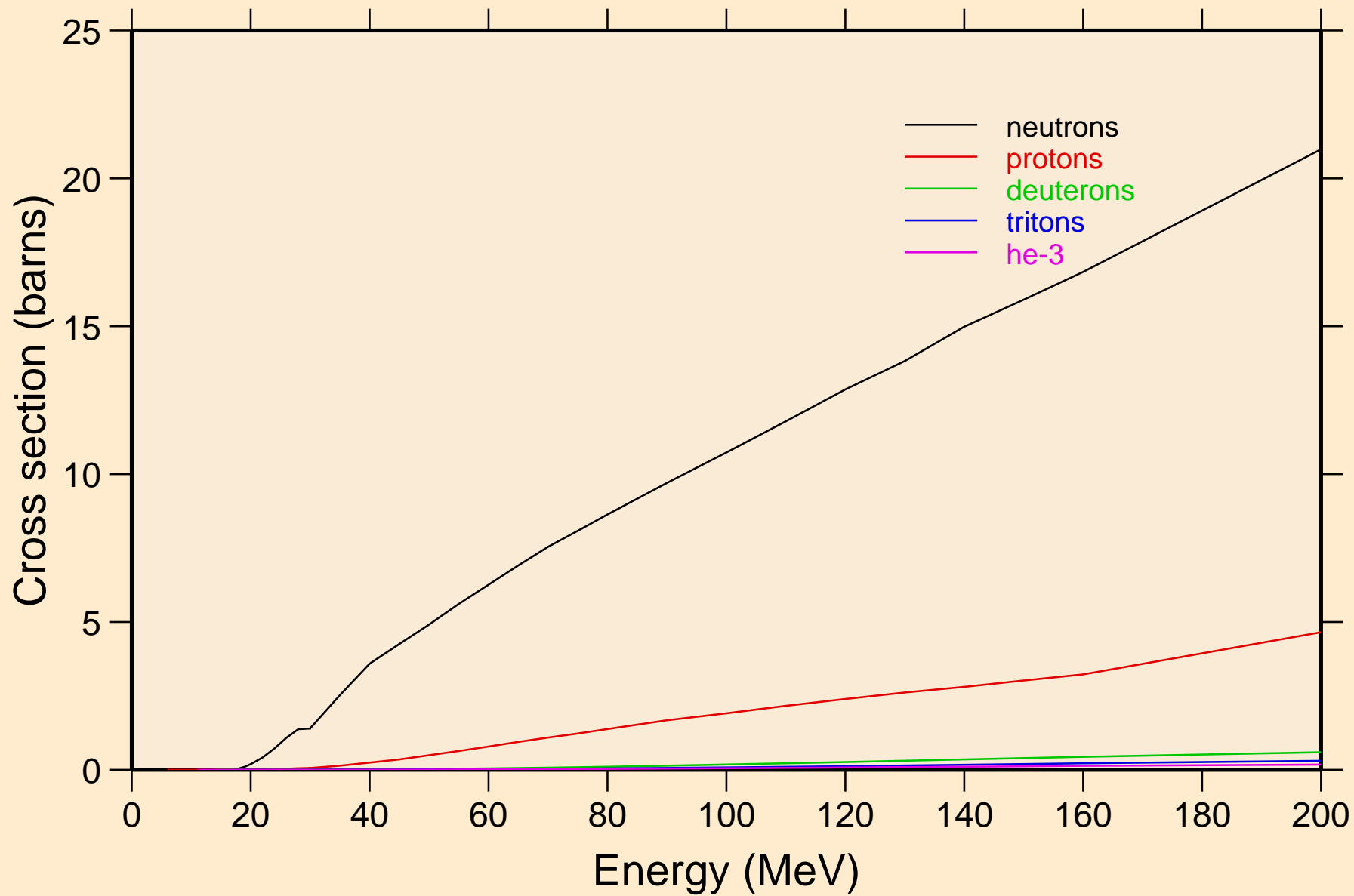
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

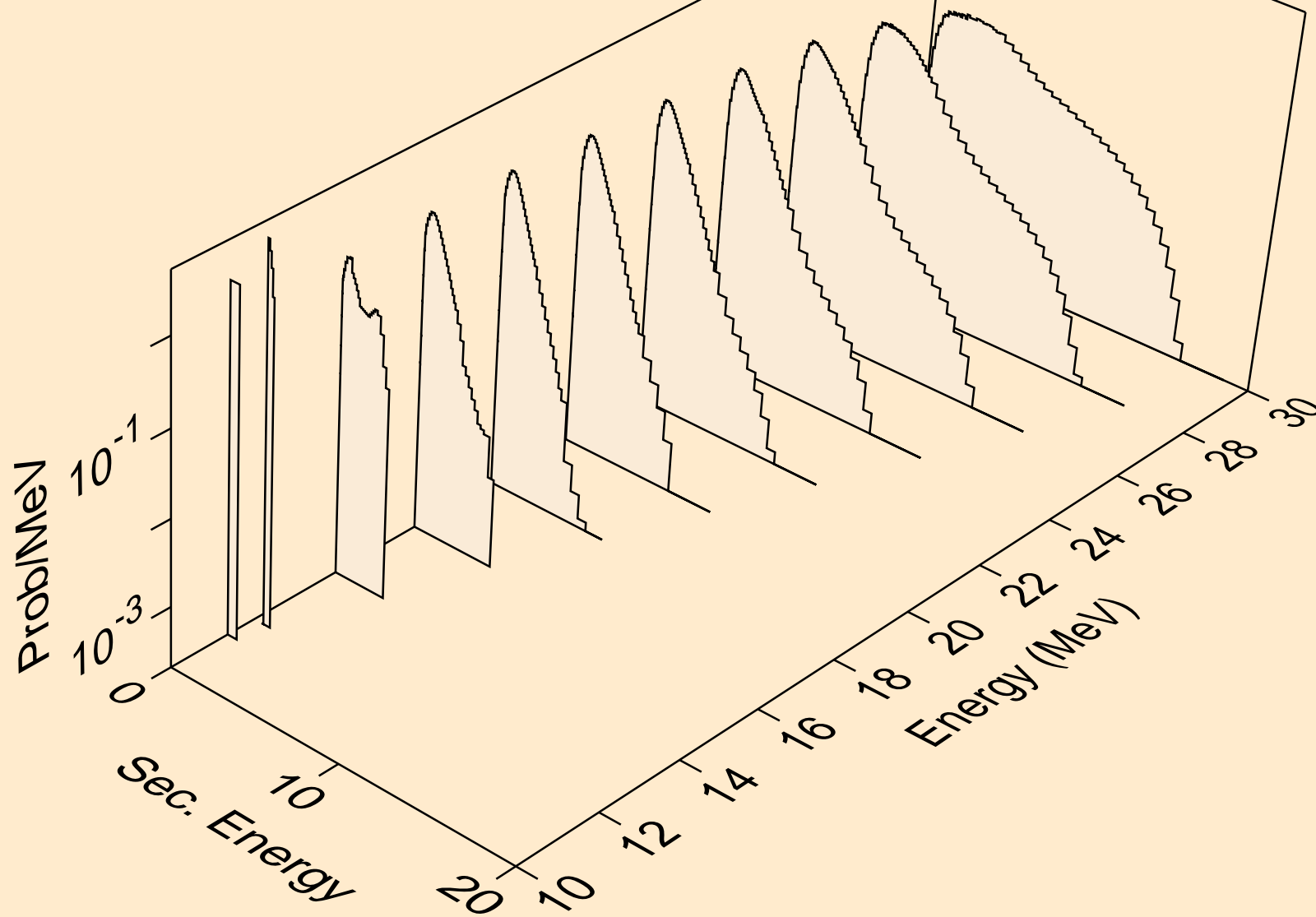


YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

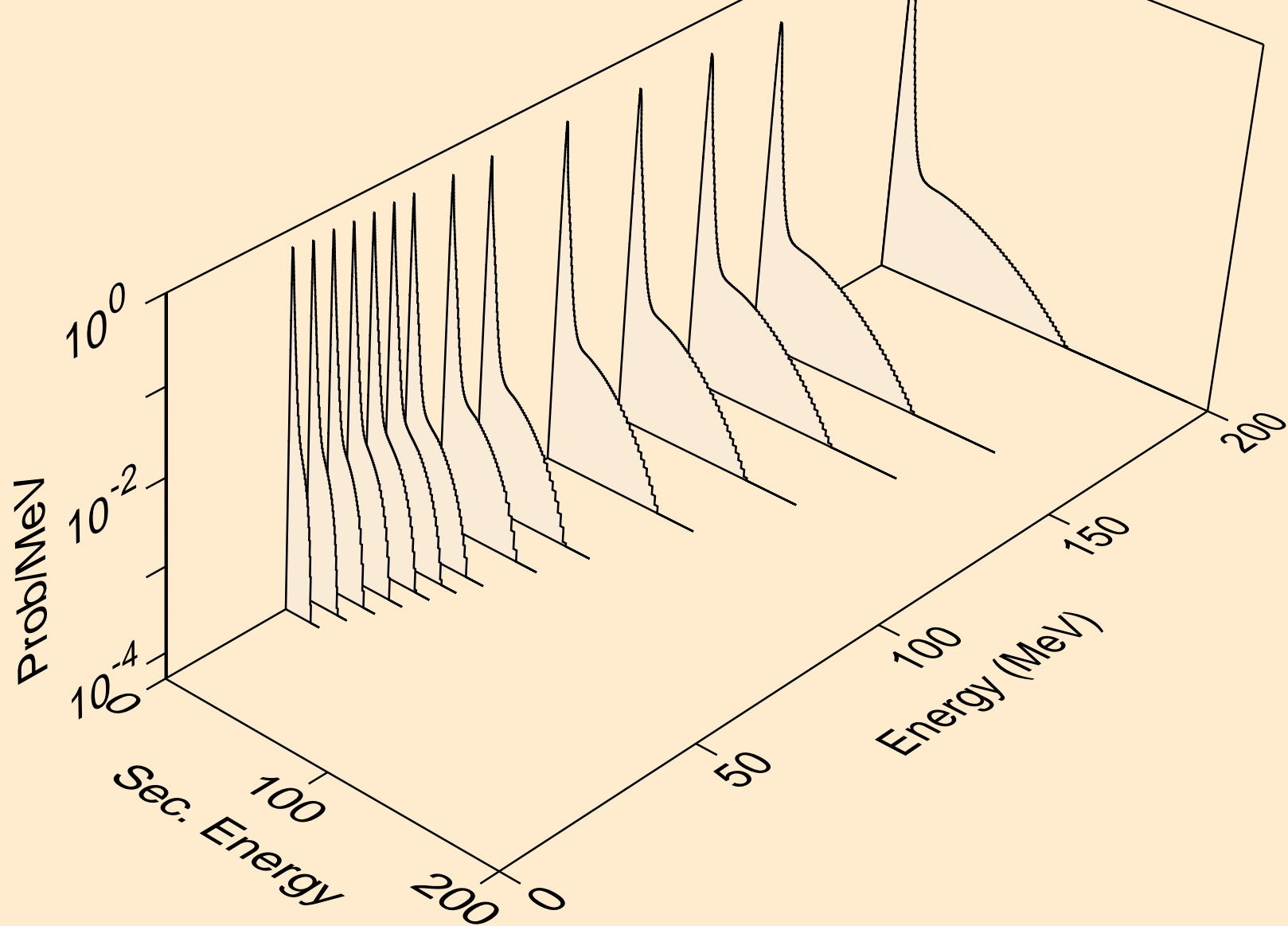




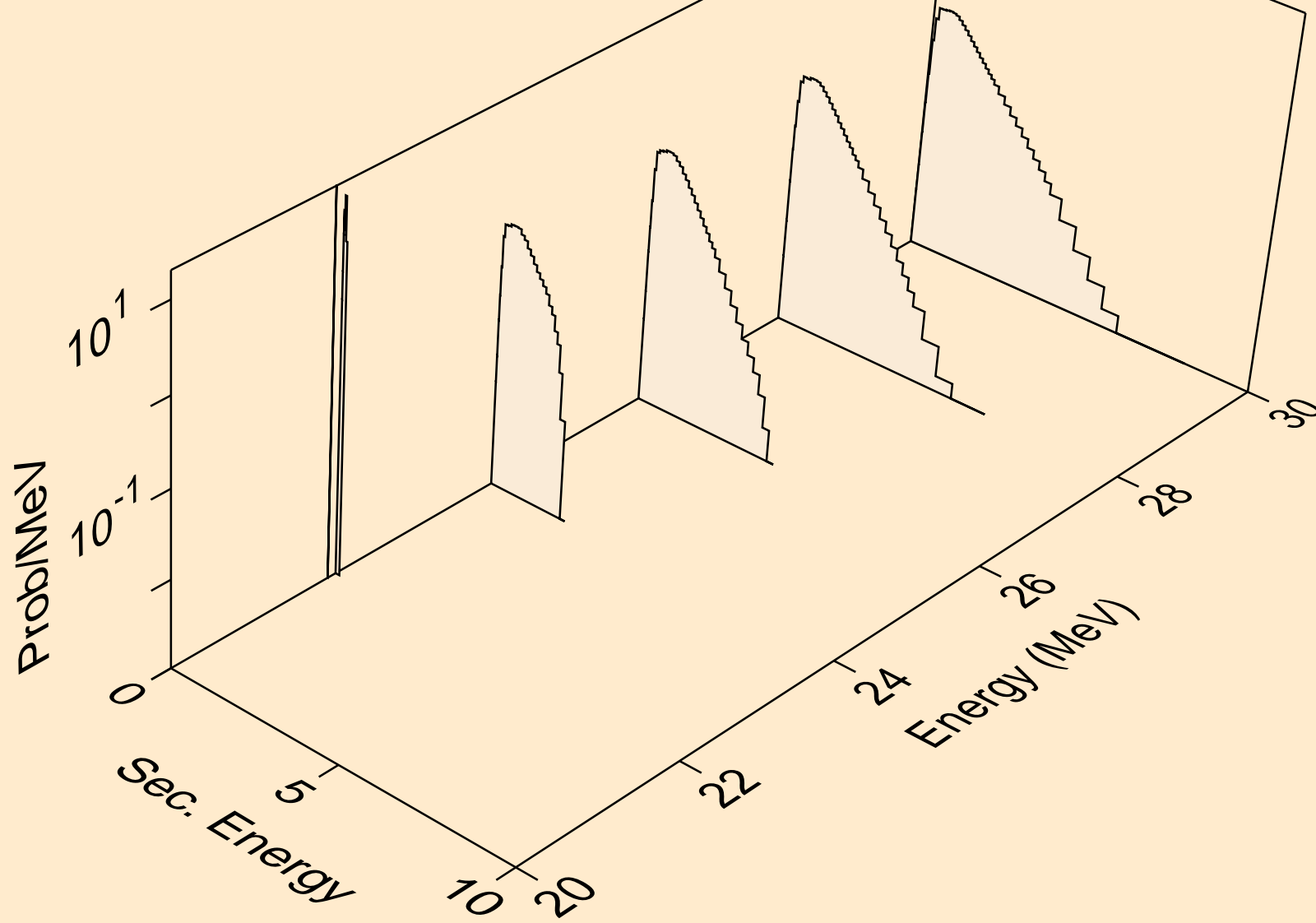
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



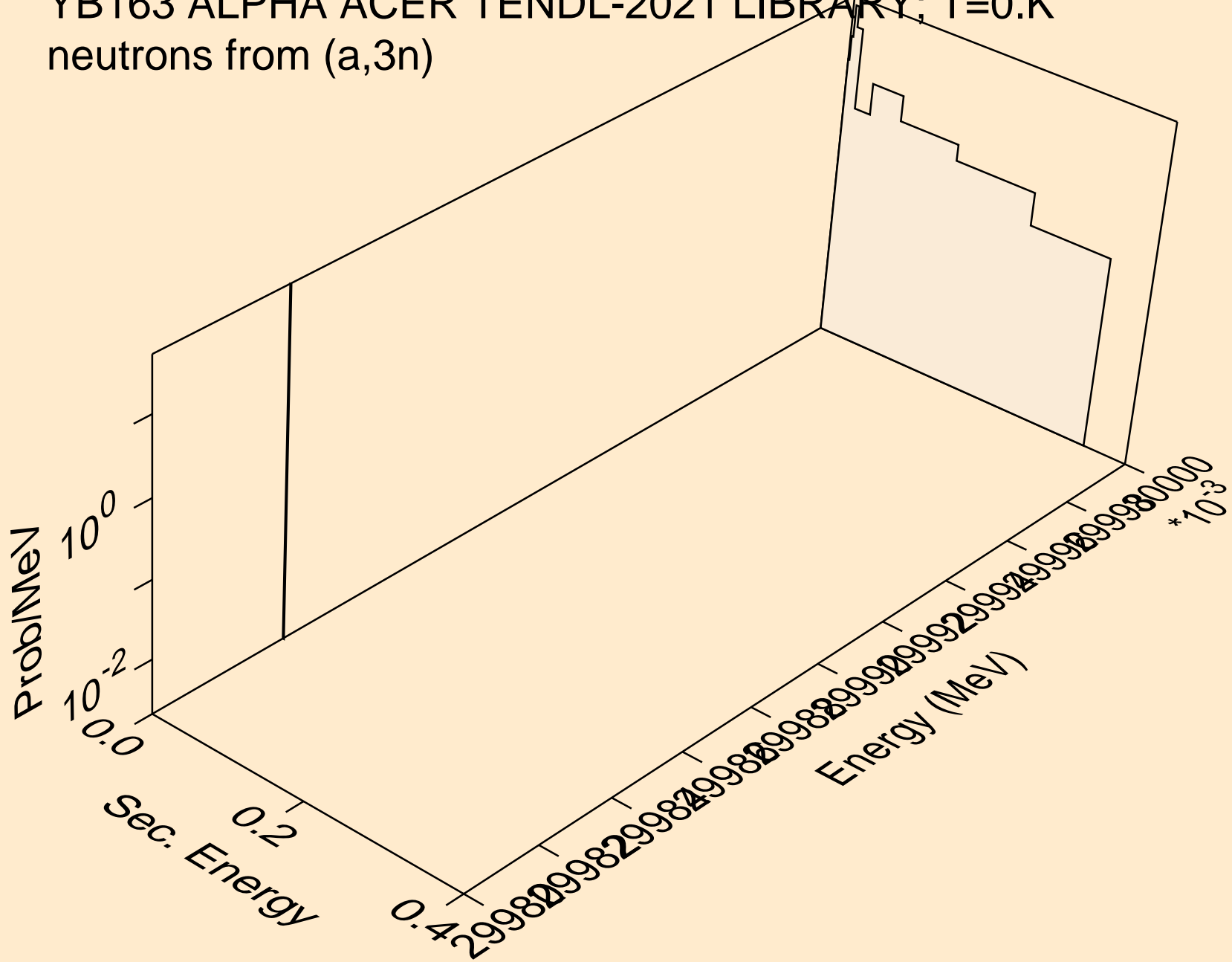
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



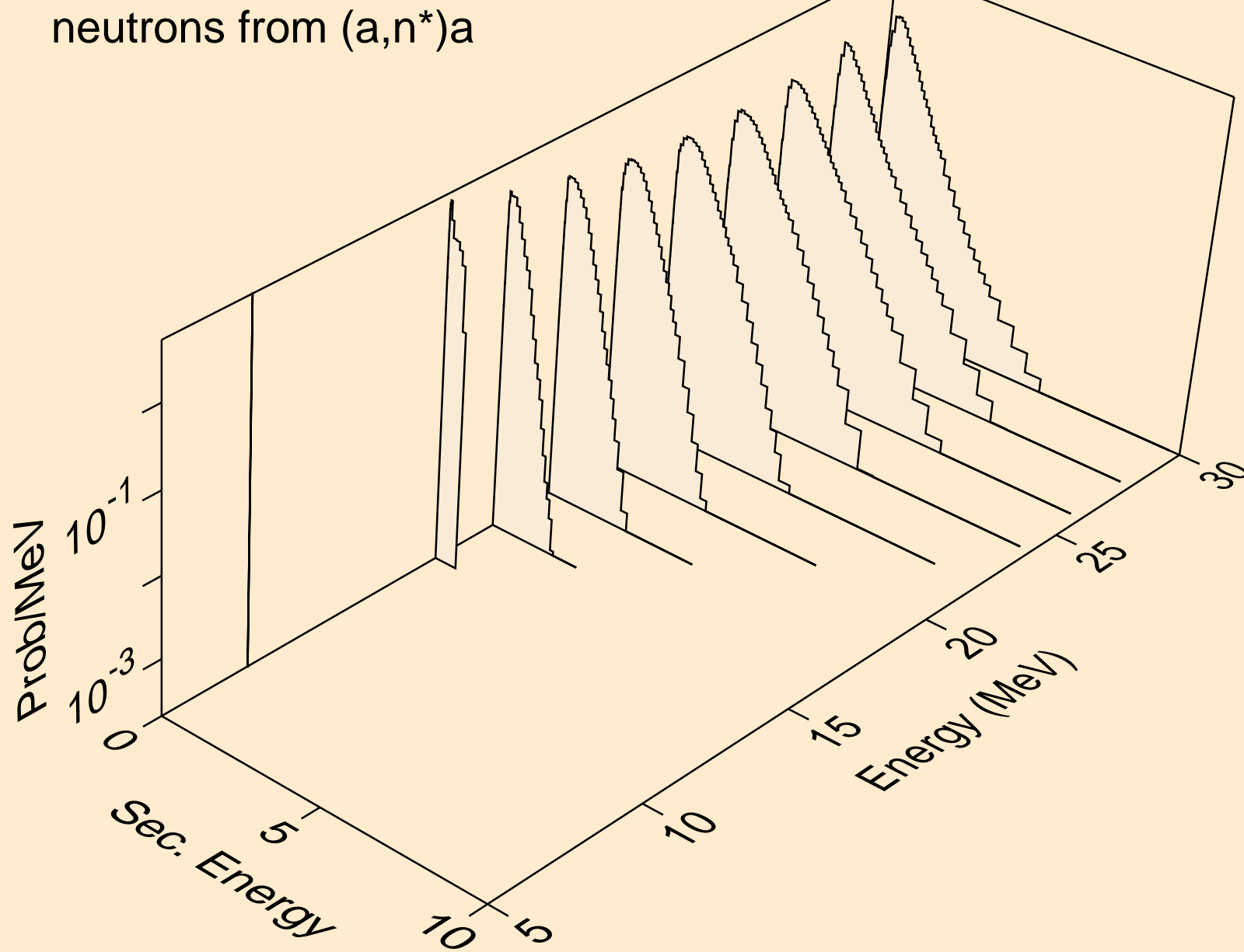
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



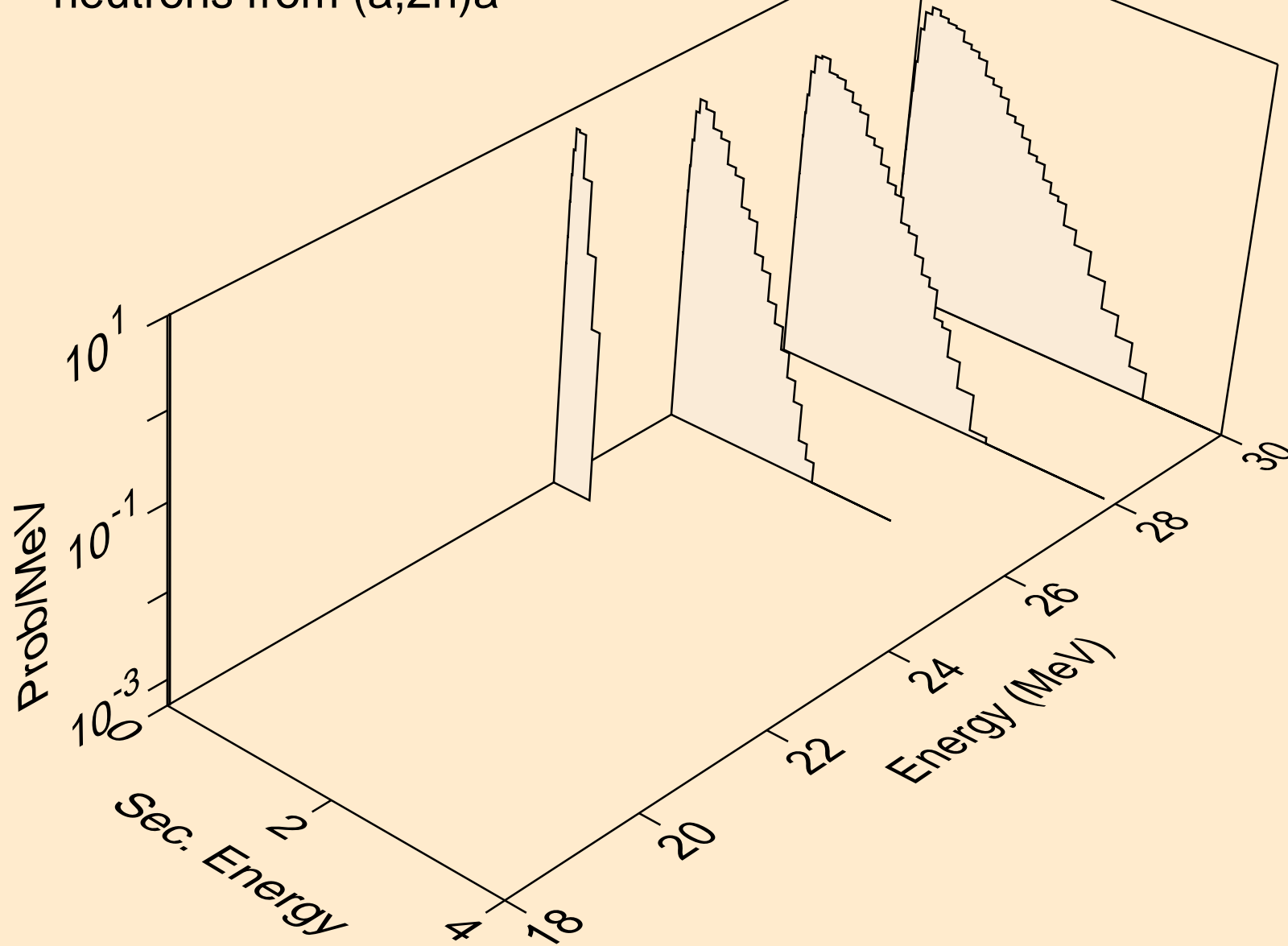
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



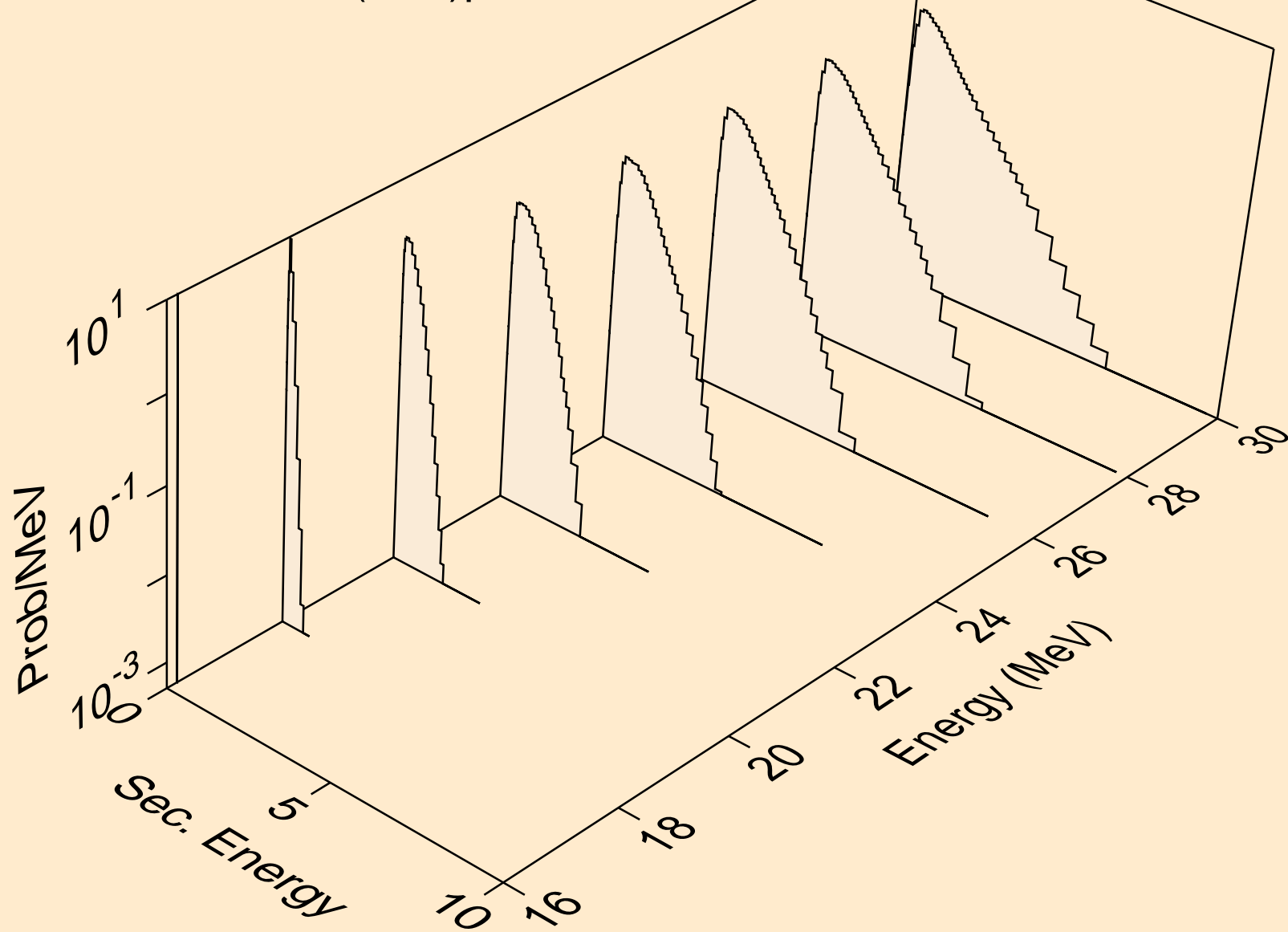
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



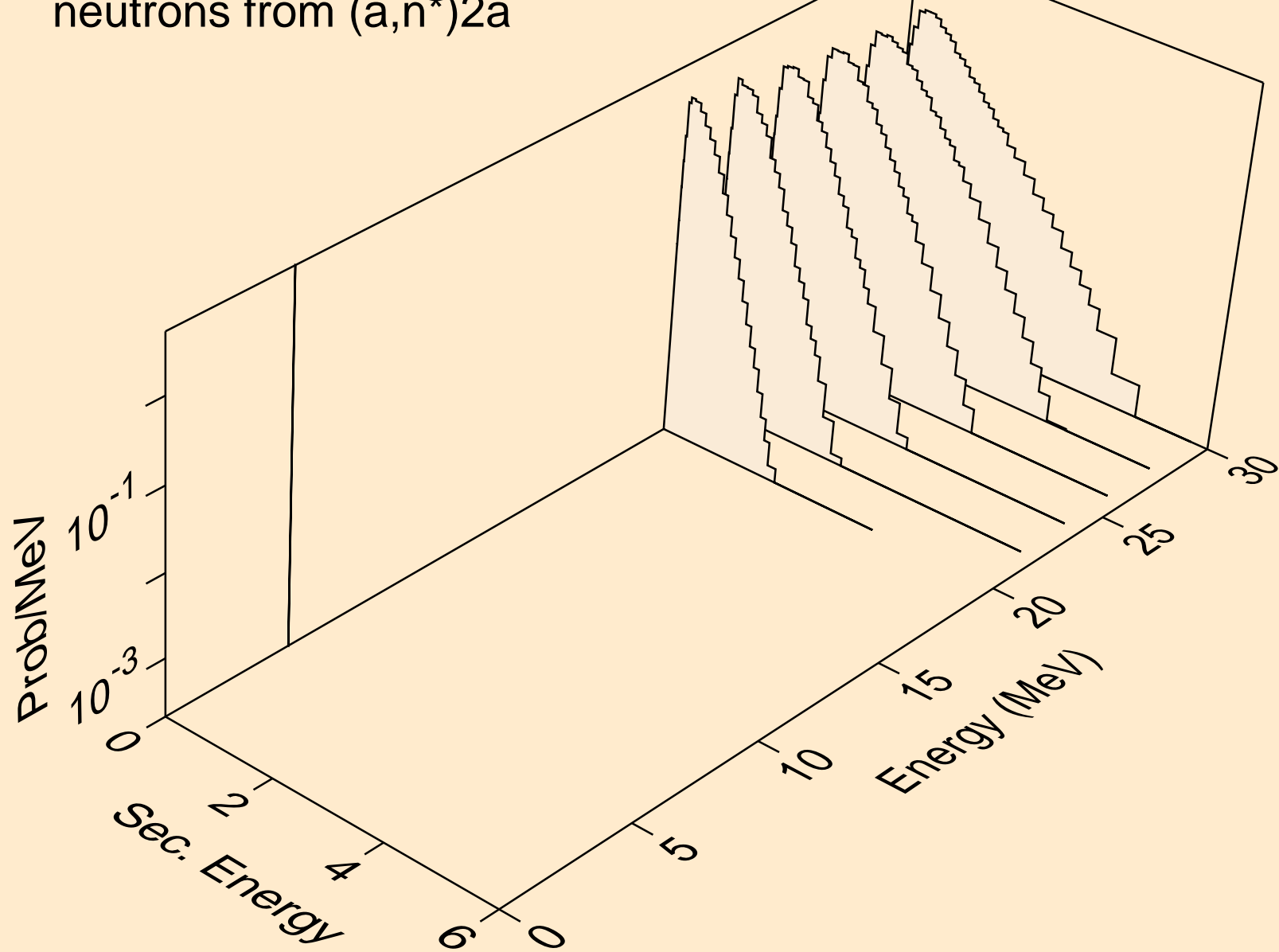
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p

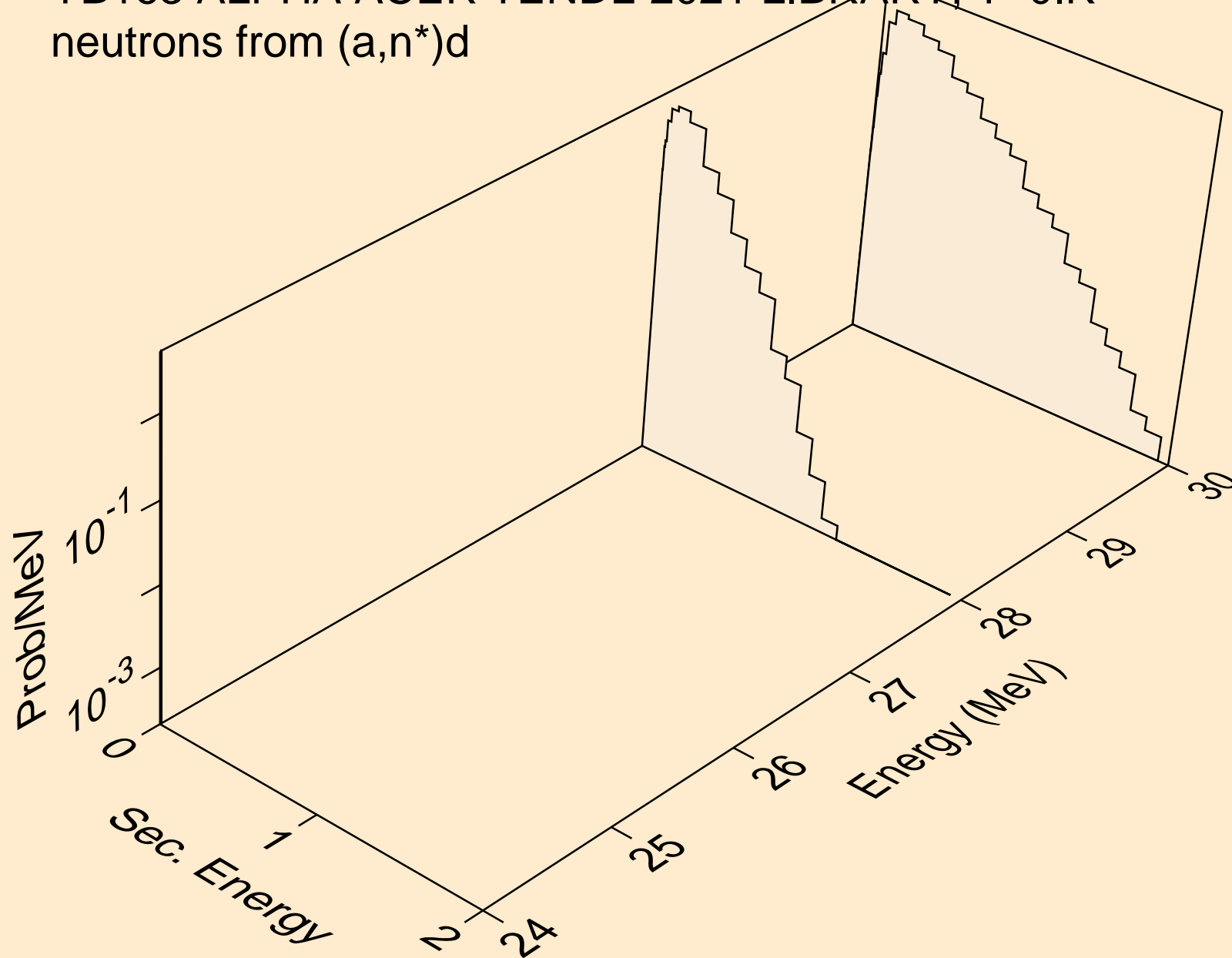


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neutrons from (a,n\*)2a

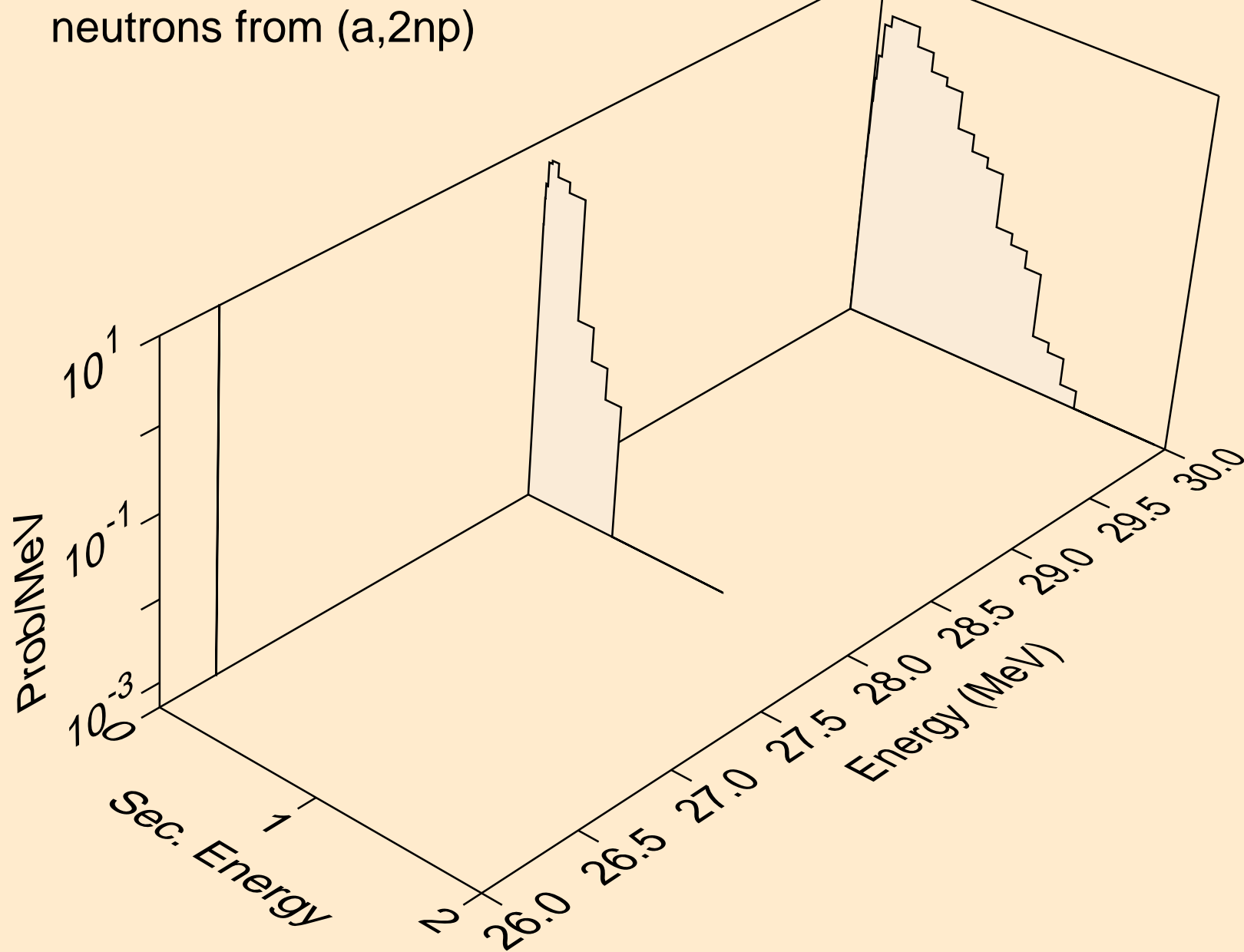




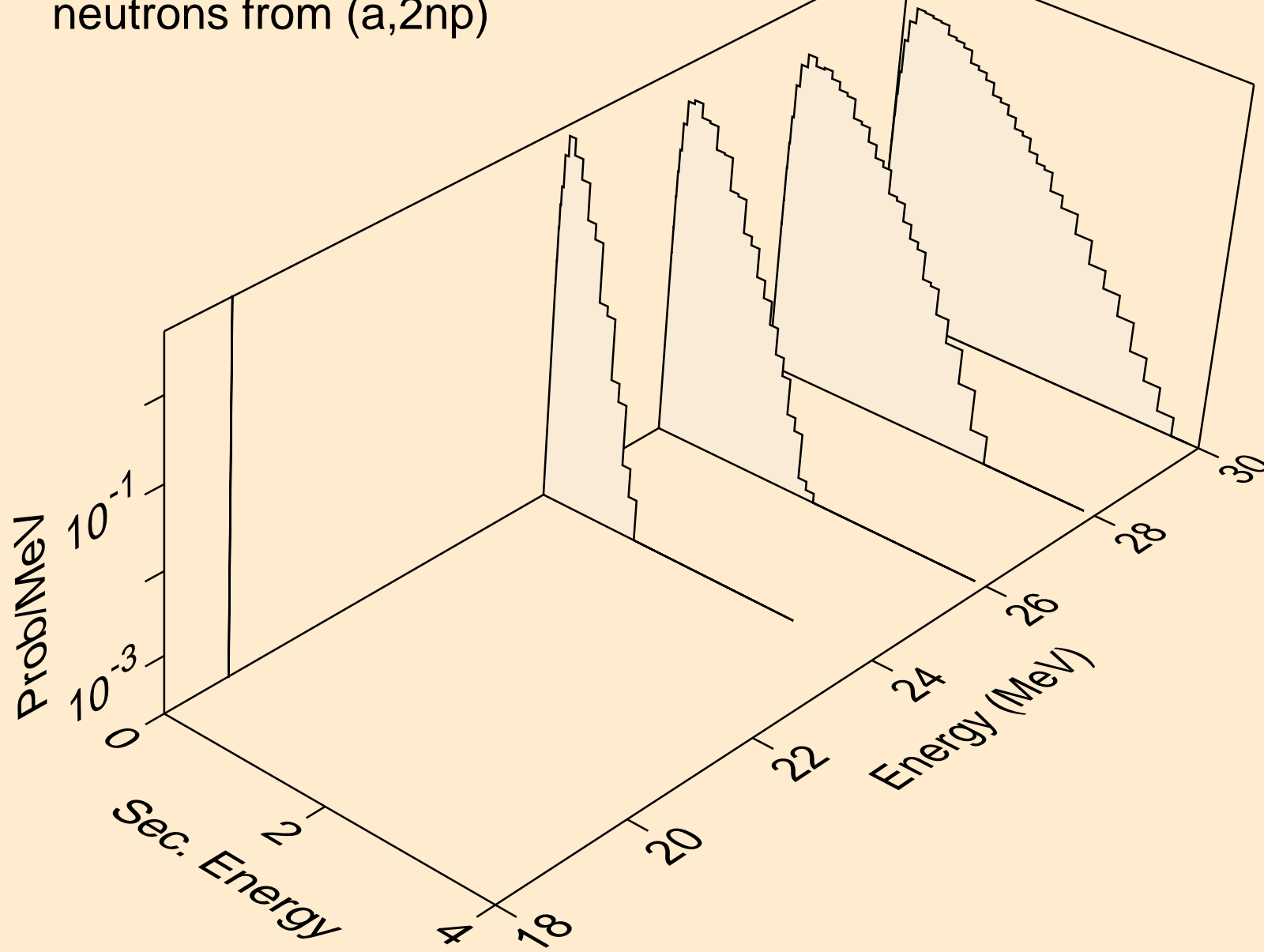
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



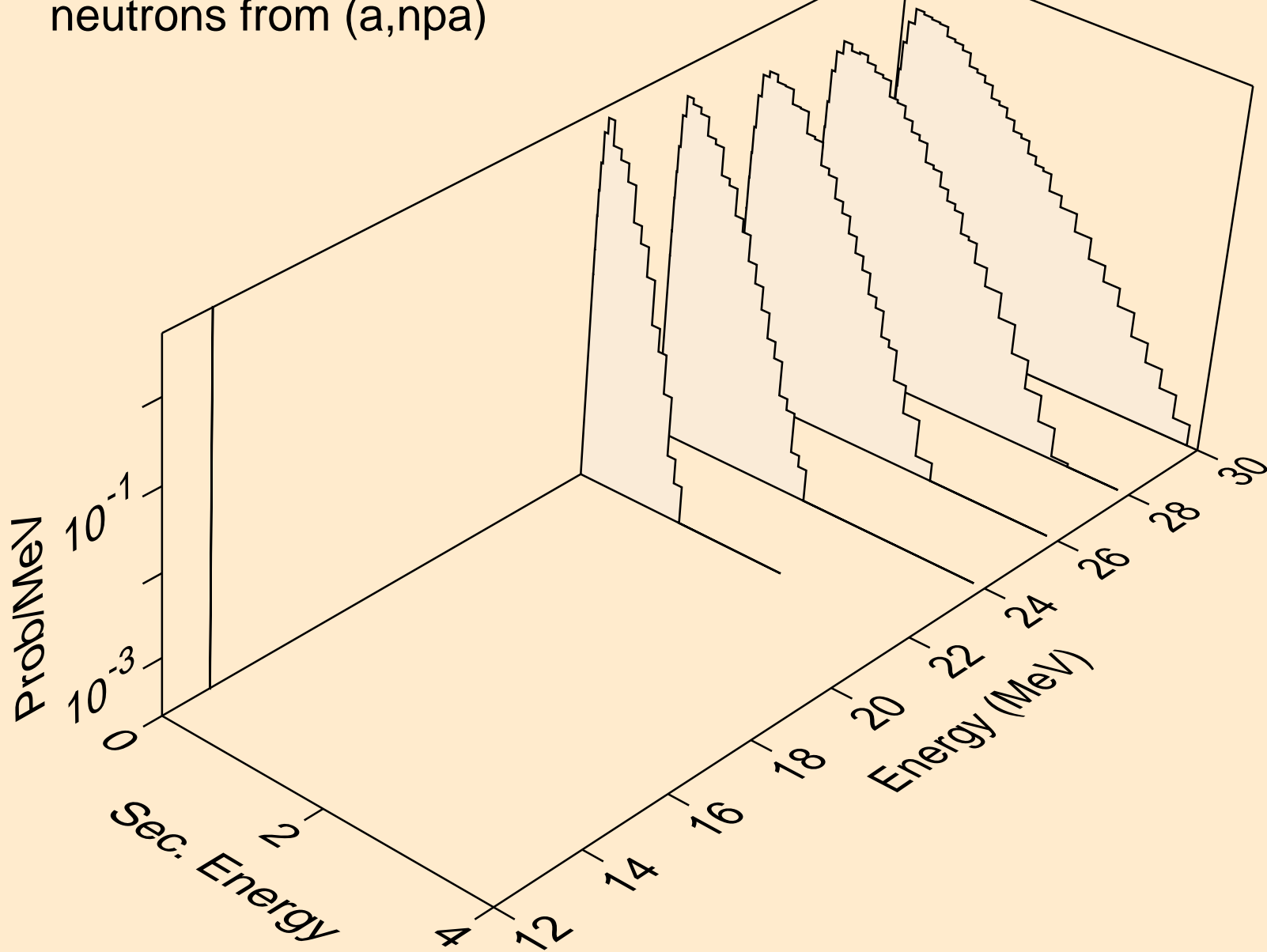
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neutrons from (a,2np)



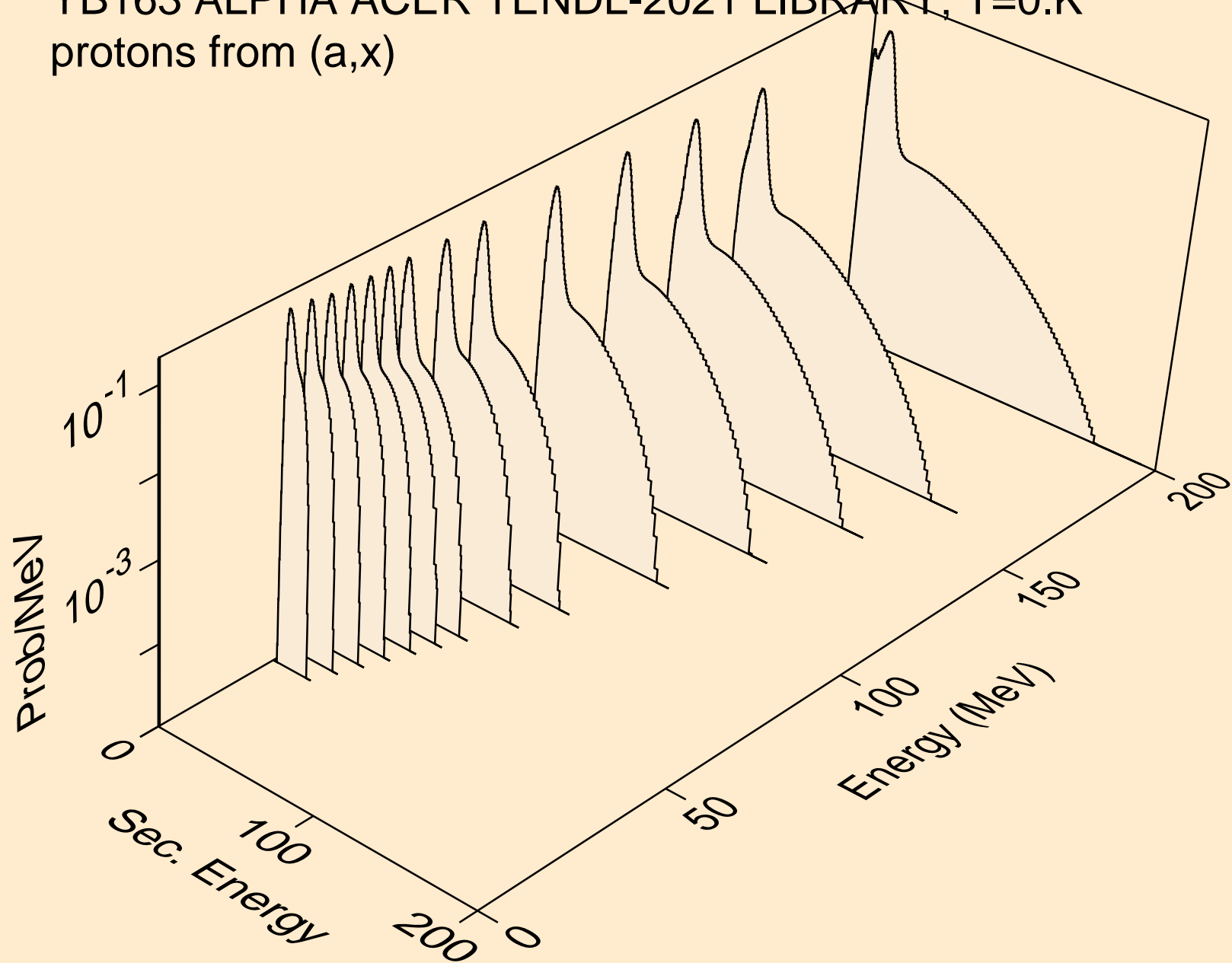
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neutrons from (a,2np)



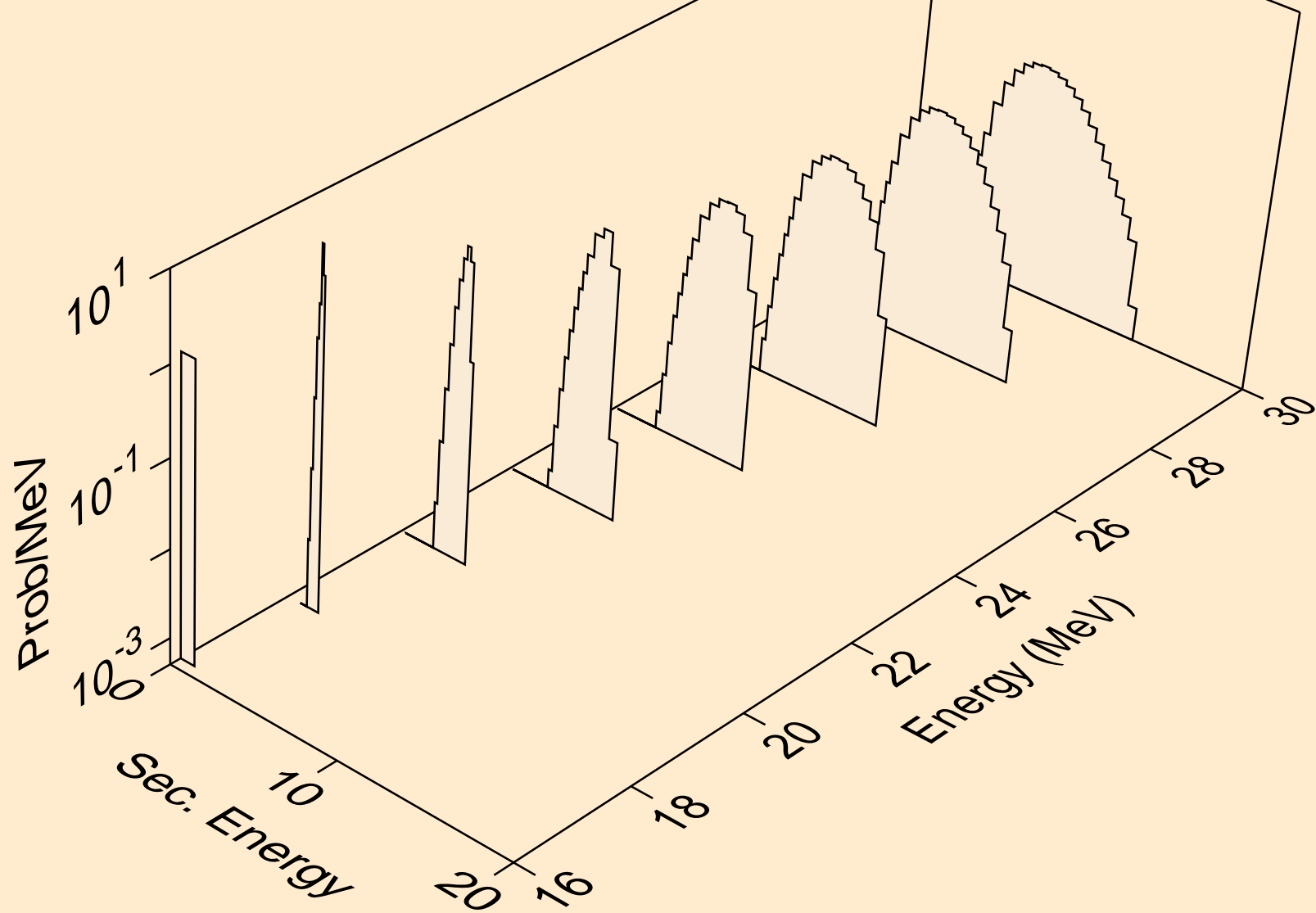
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neutrons from (a,npa)



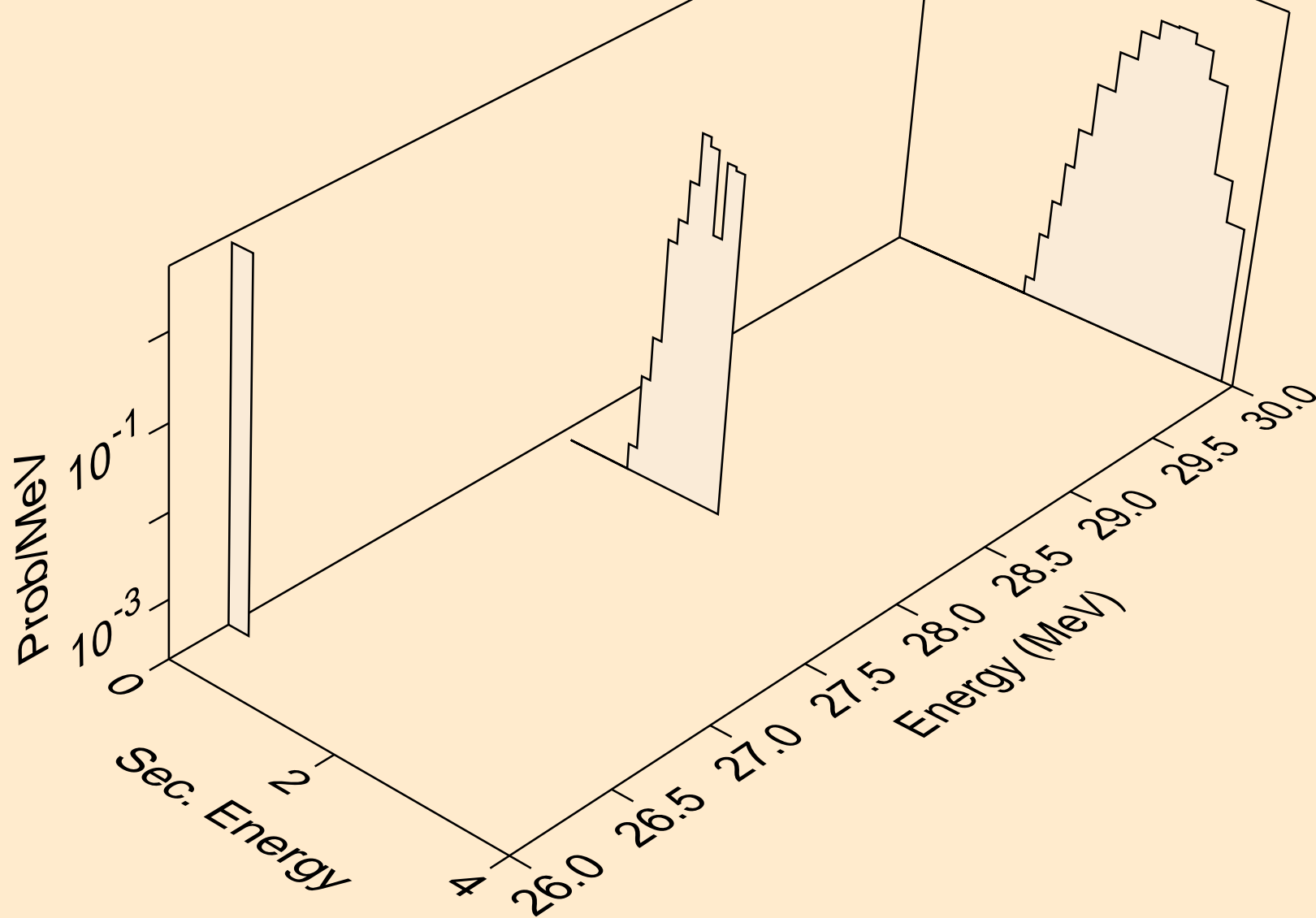
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



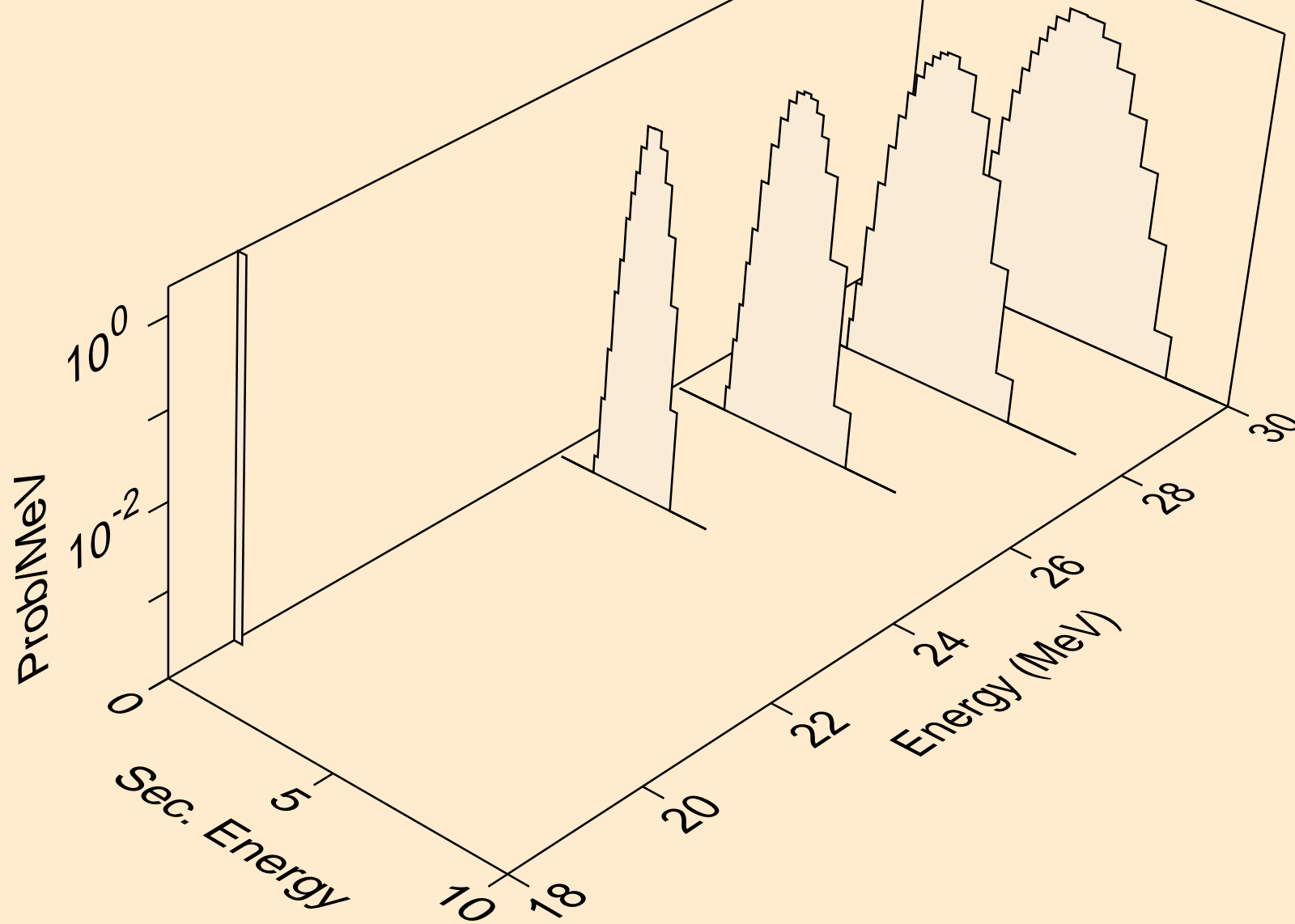
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)

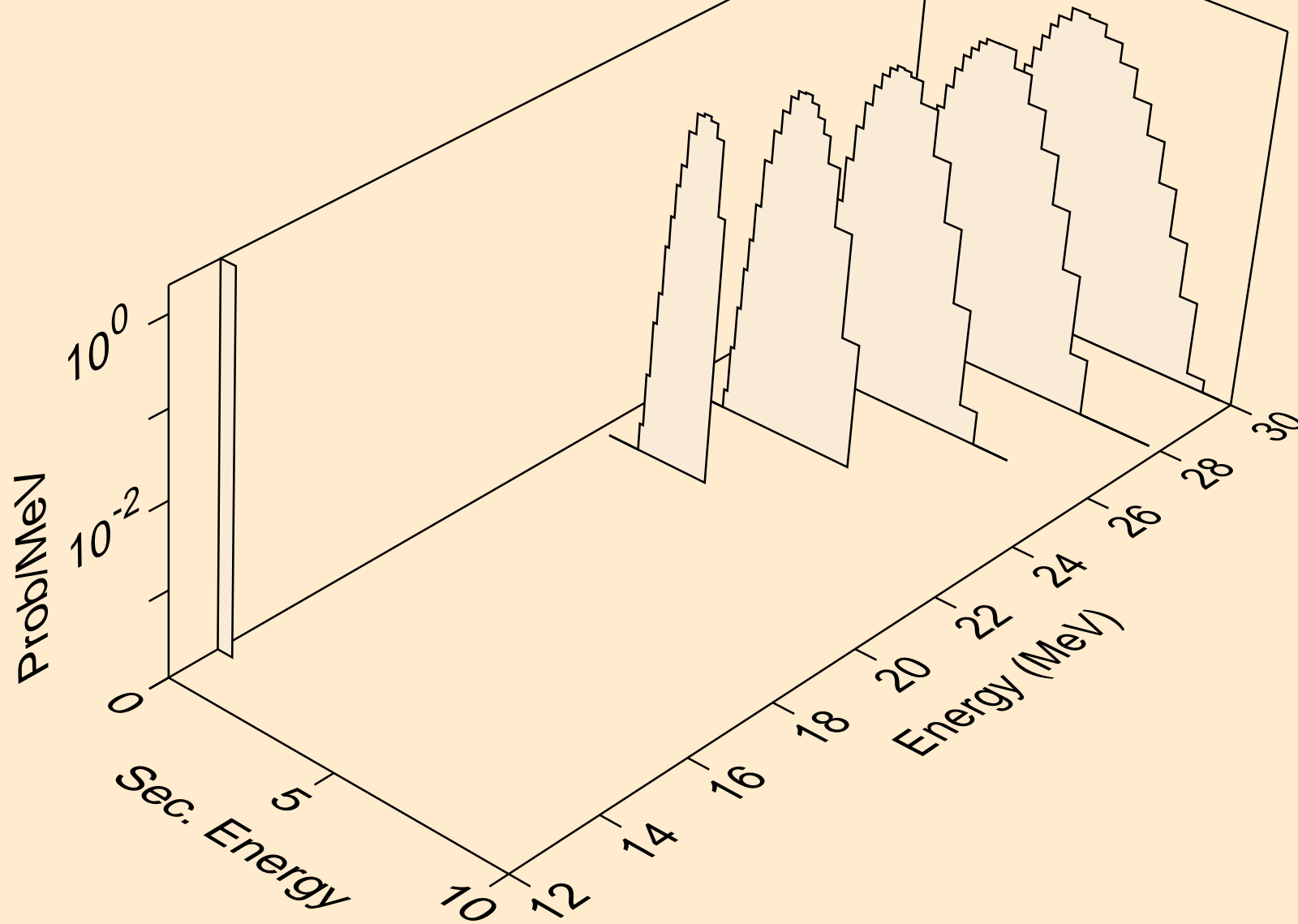


YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)

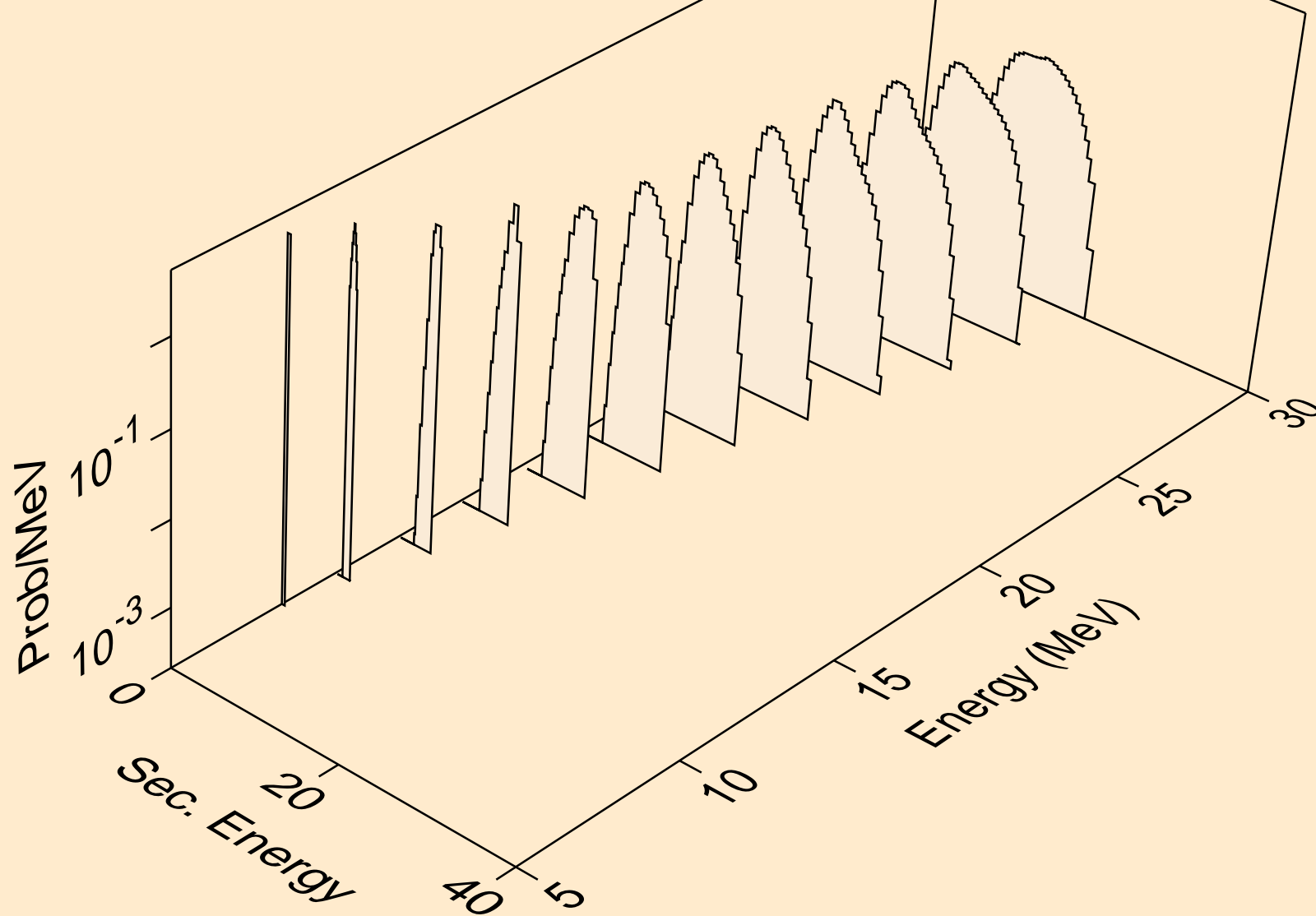




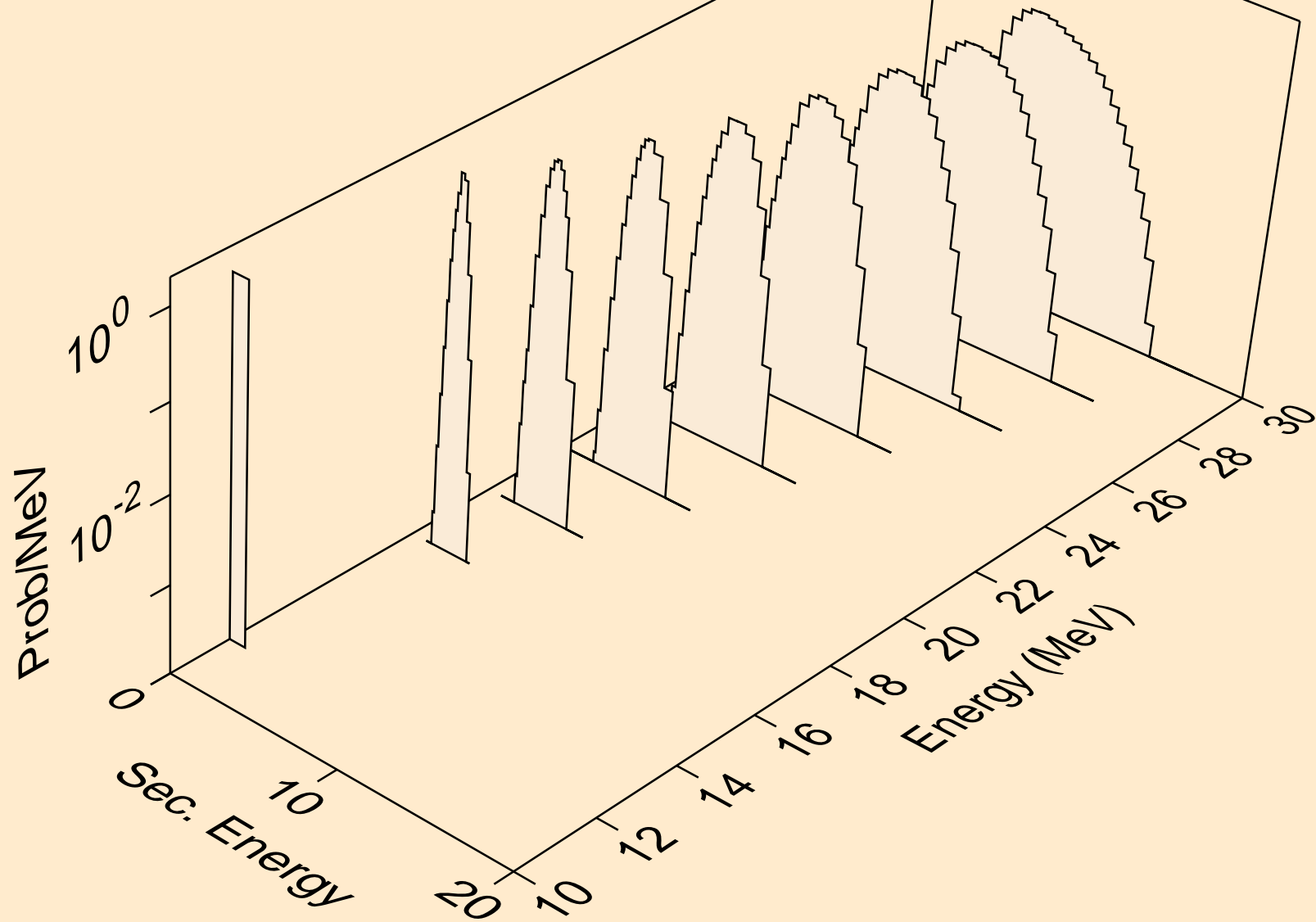
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)



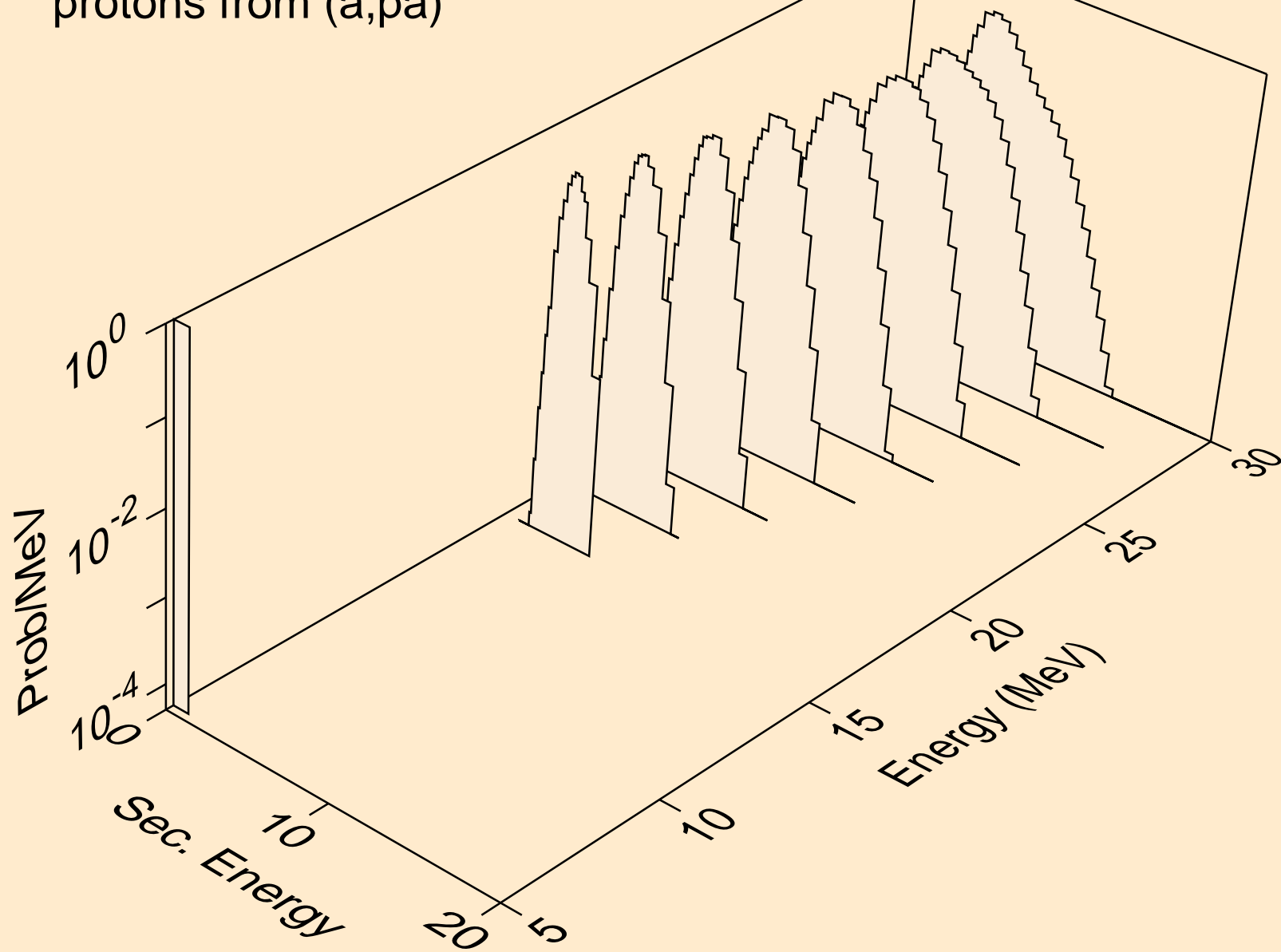
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protons from (a,p)



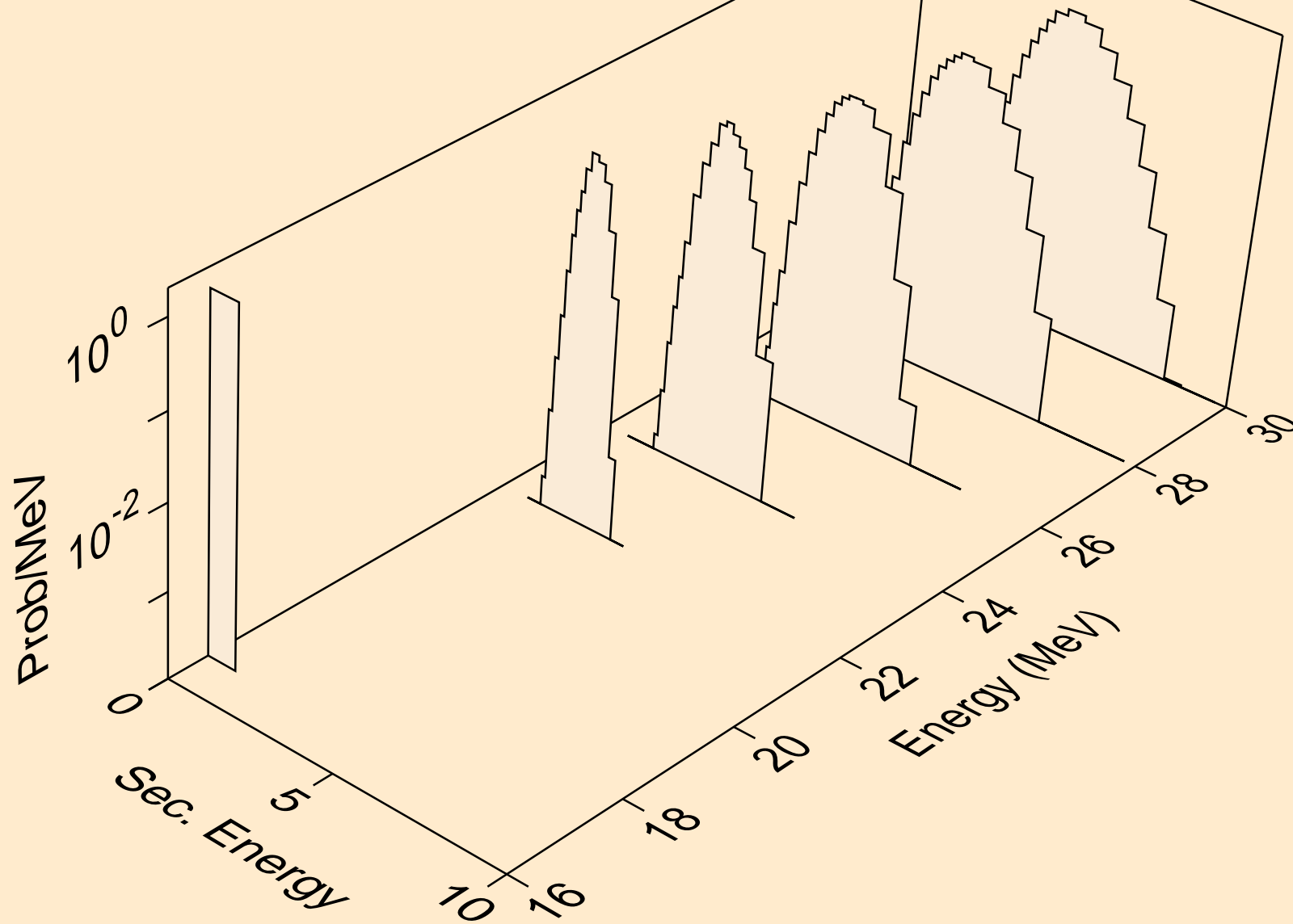
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protons from (a,2p)



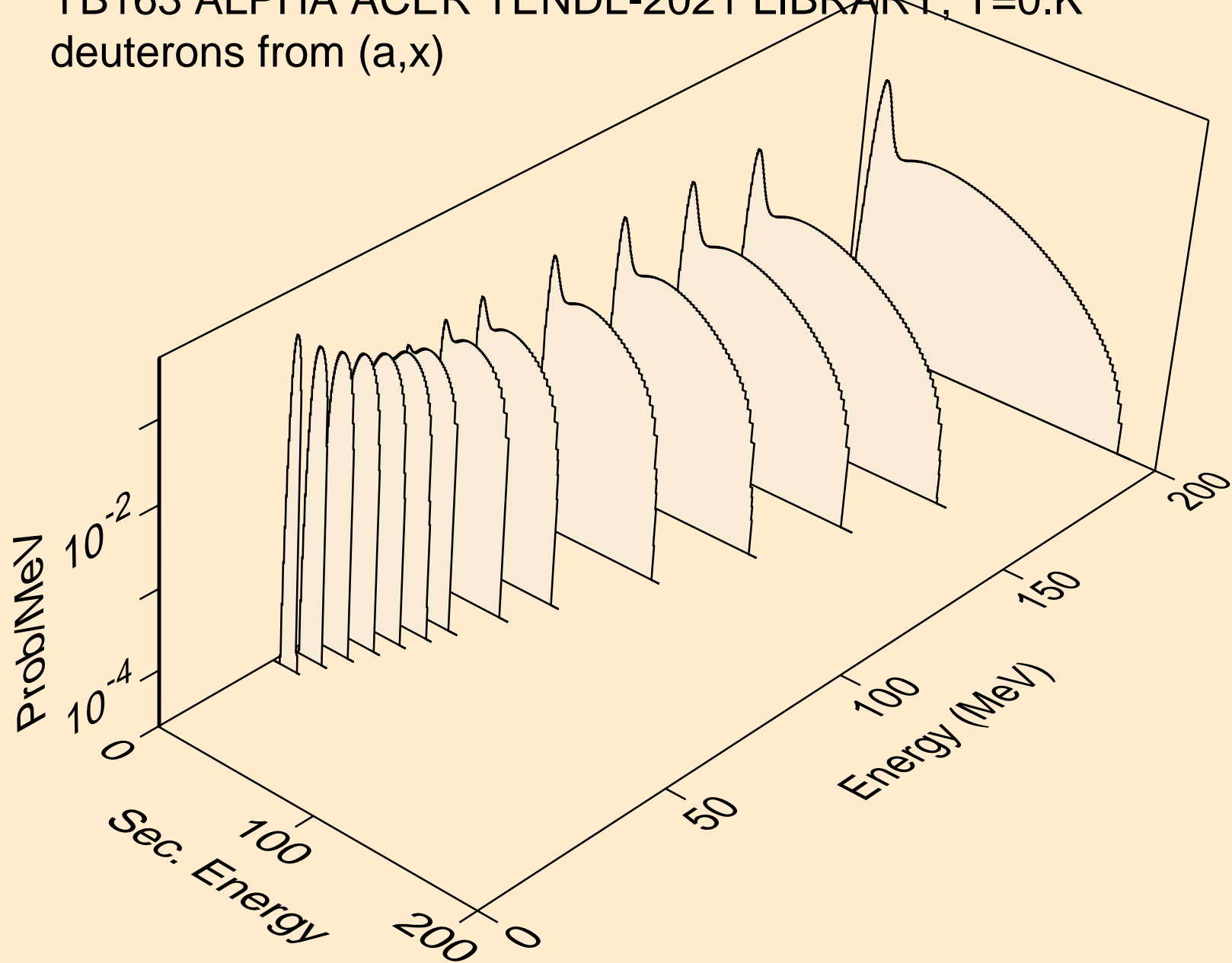
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protons from (a,pa)



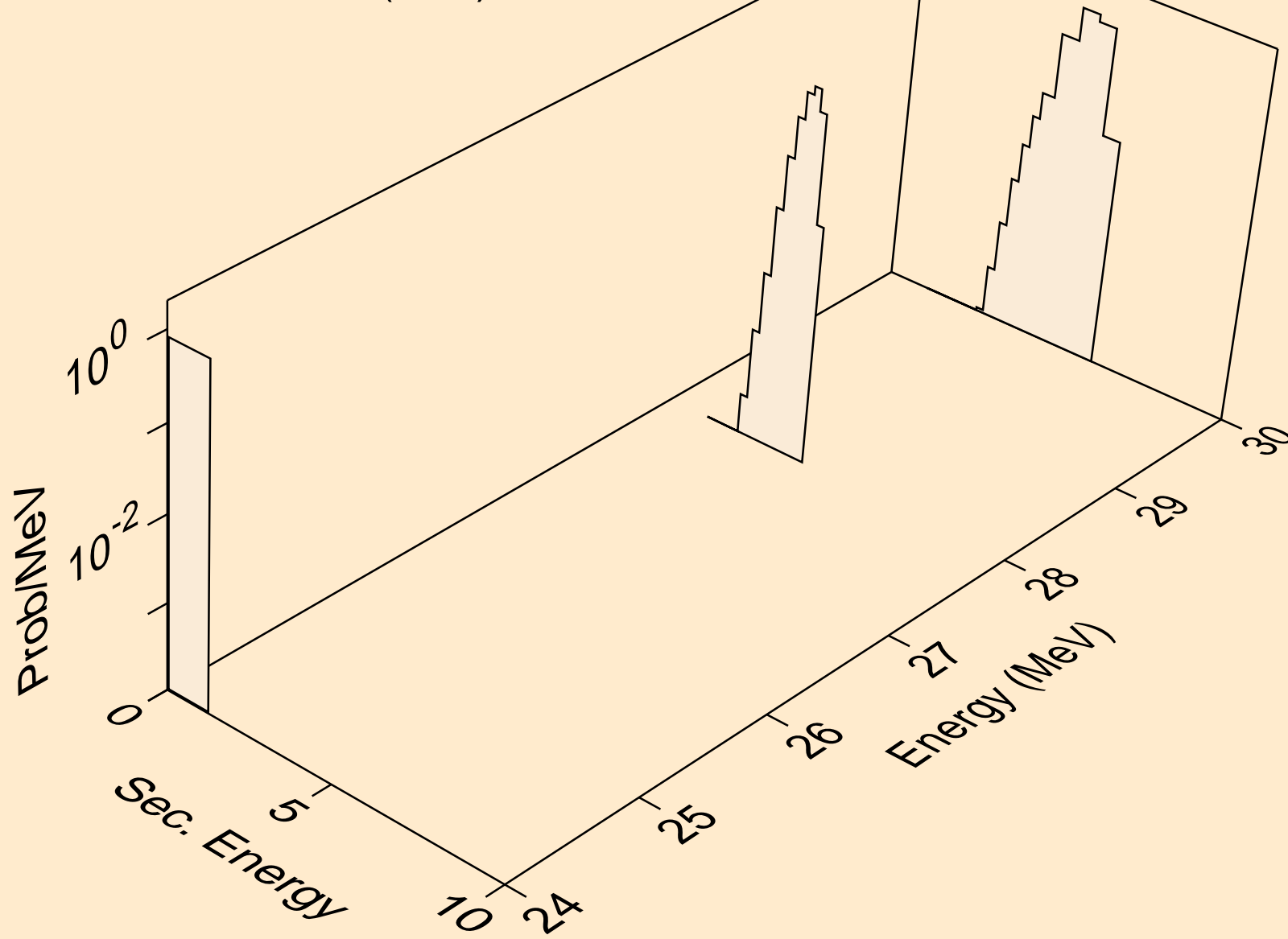
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)



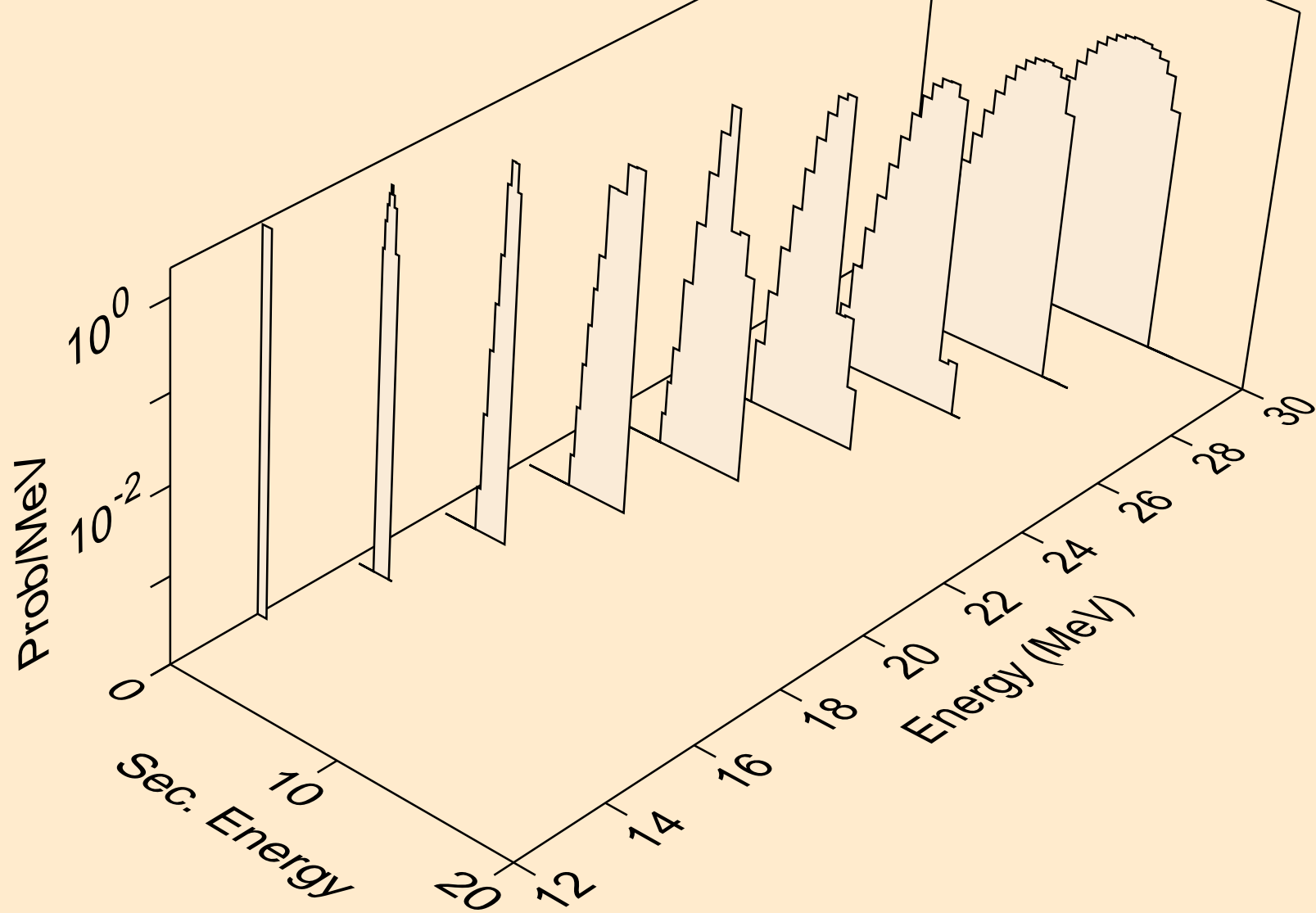
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d

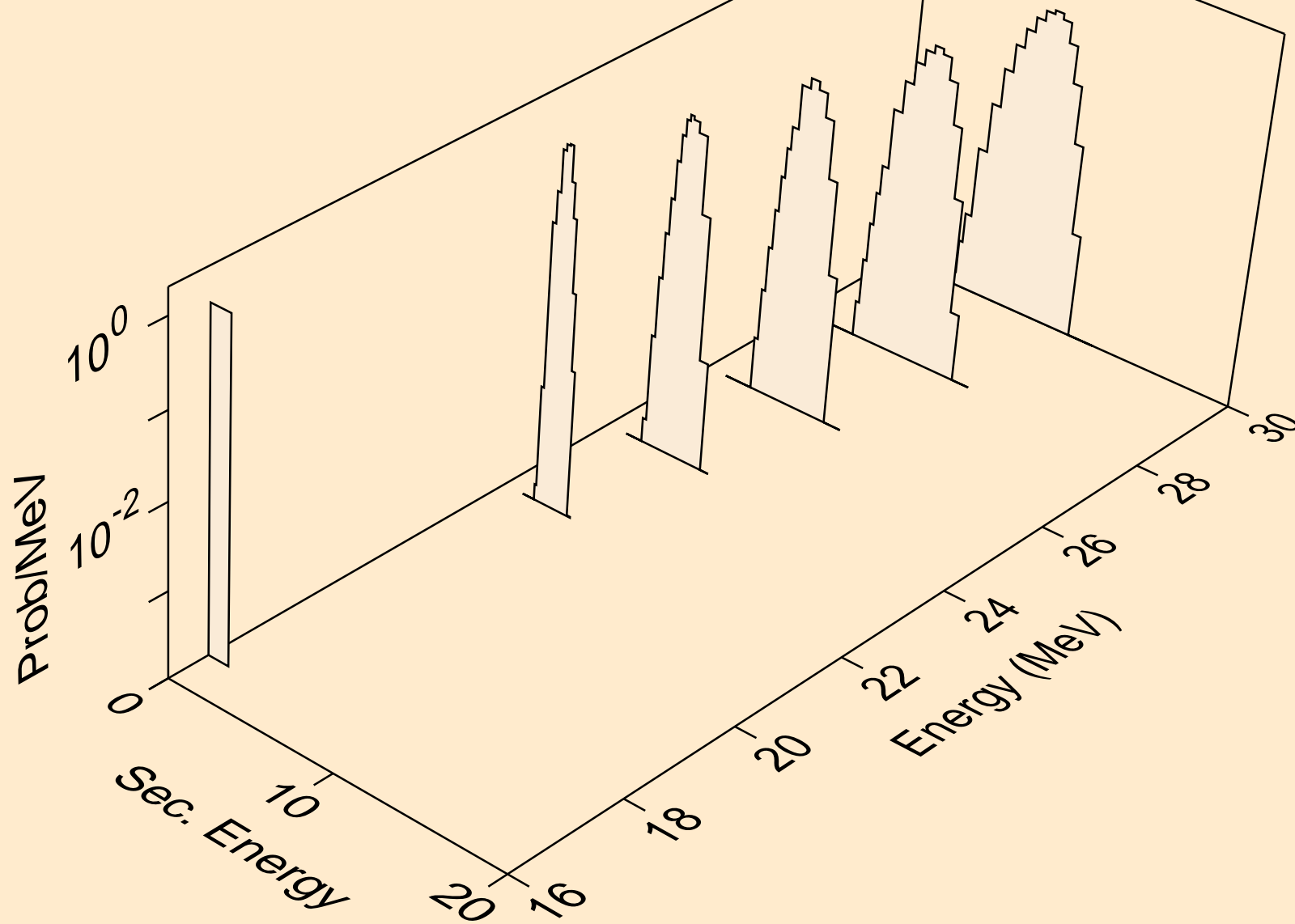


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deuterons from (a,d)

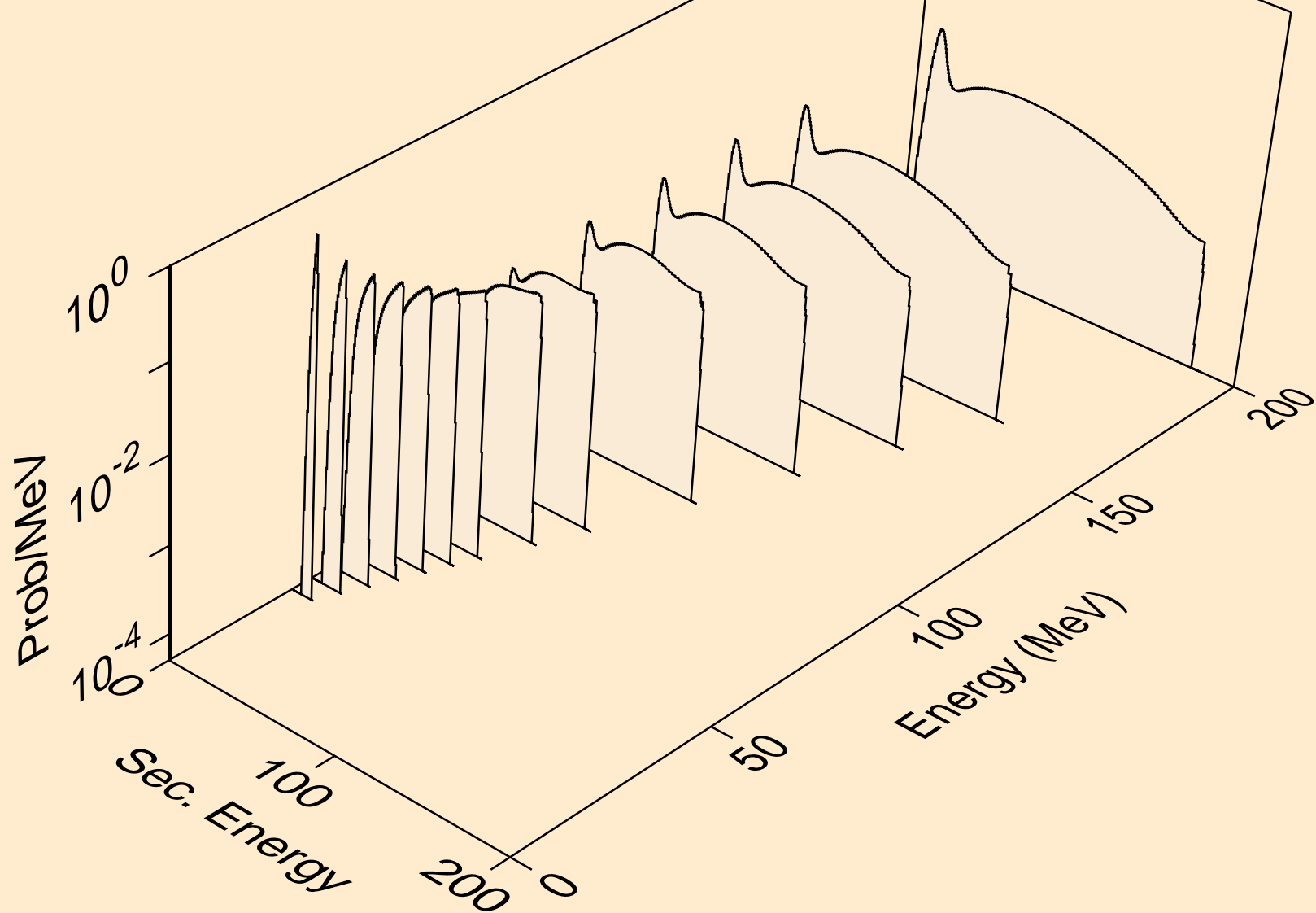




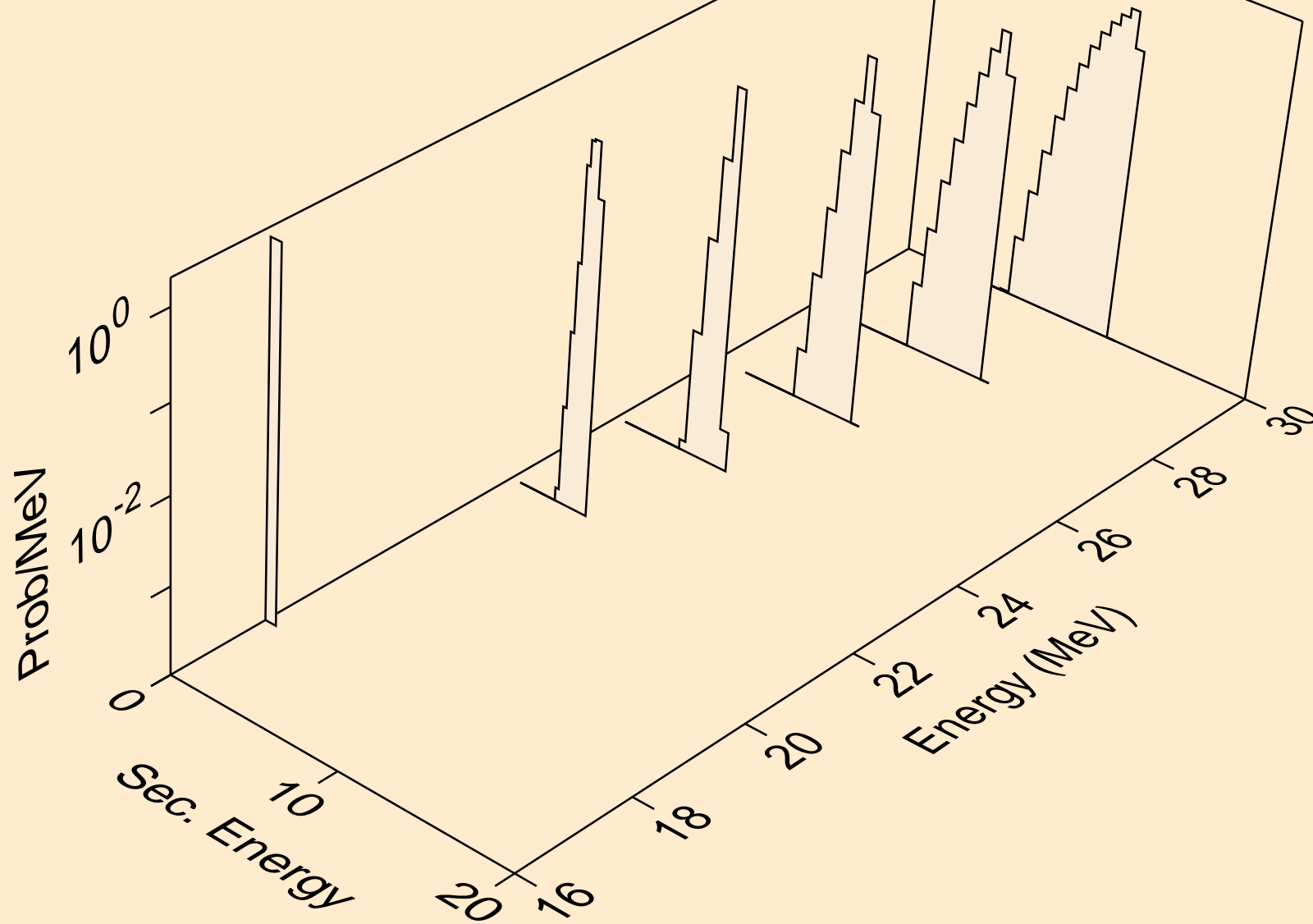
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)



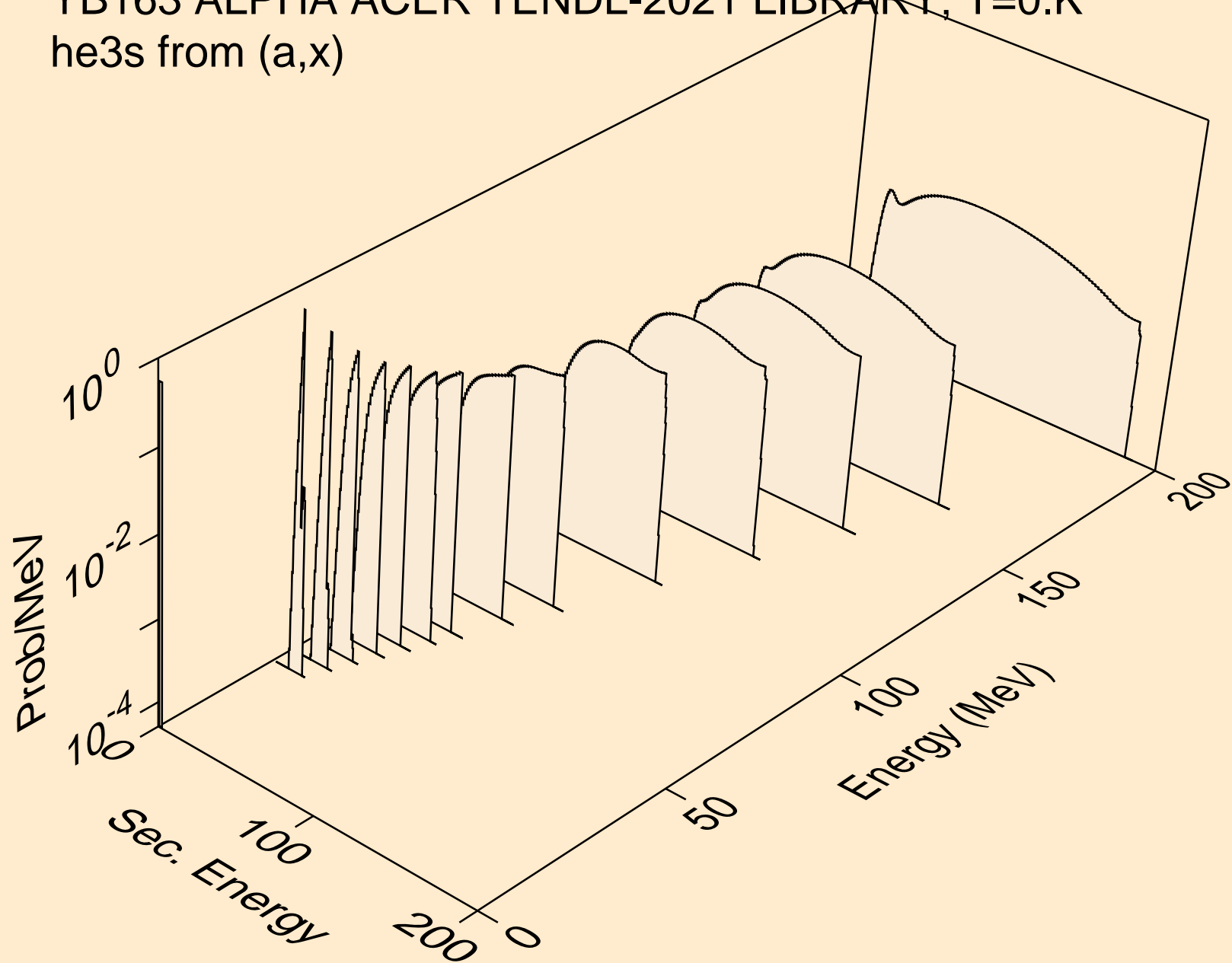
YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



YB163 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

