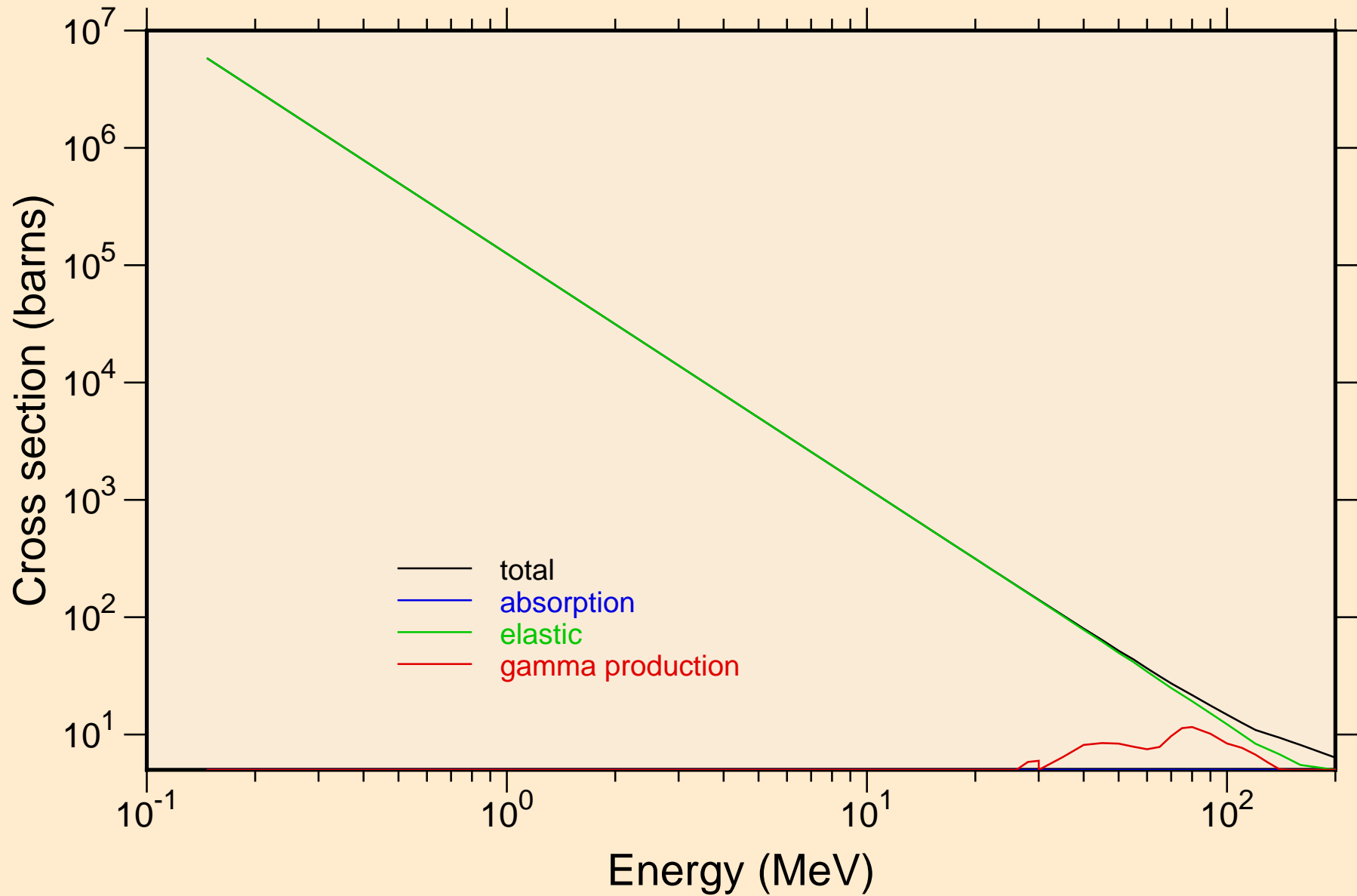


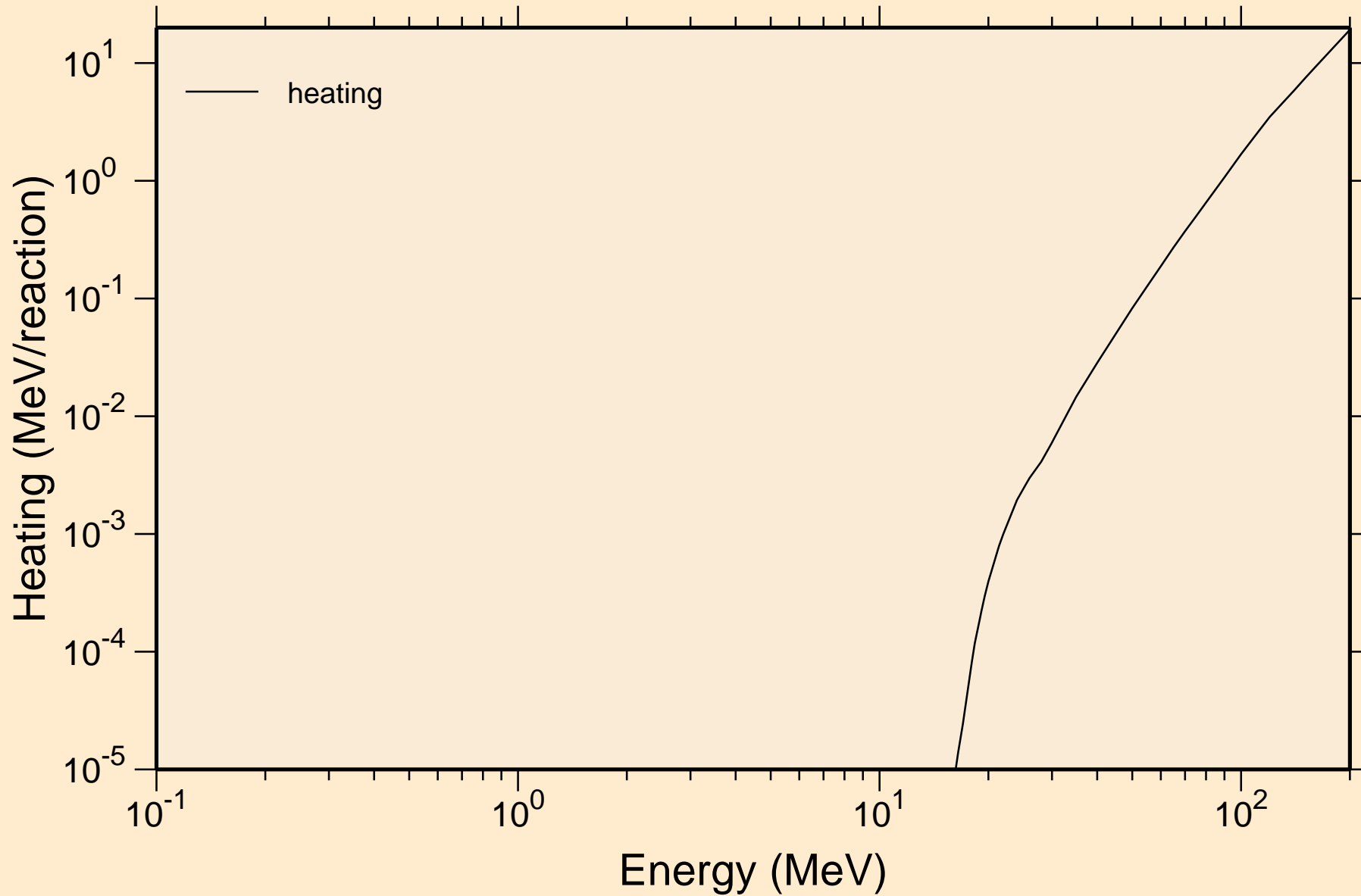
# YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



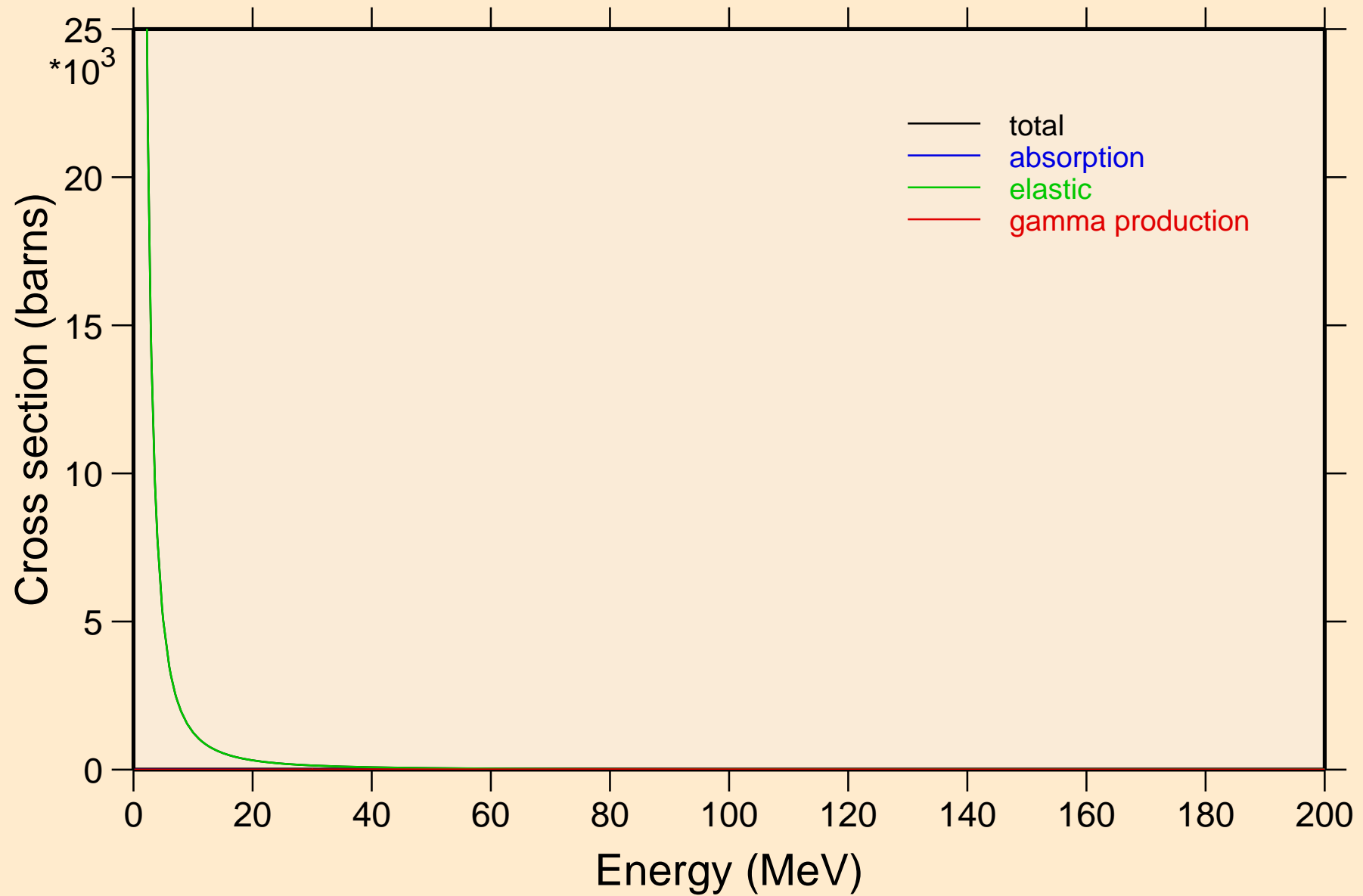
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



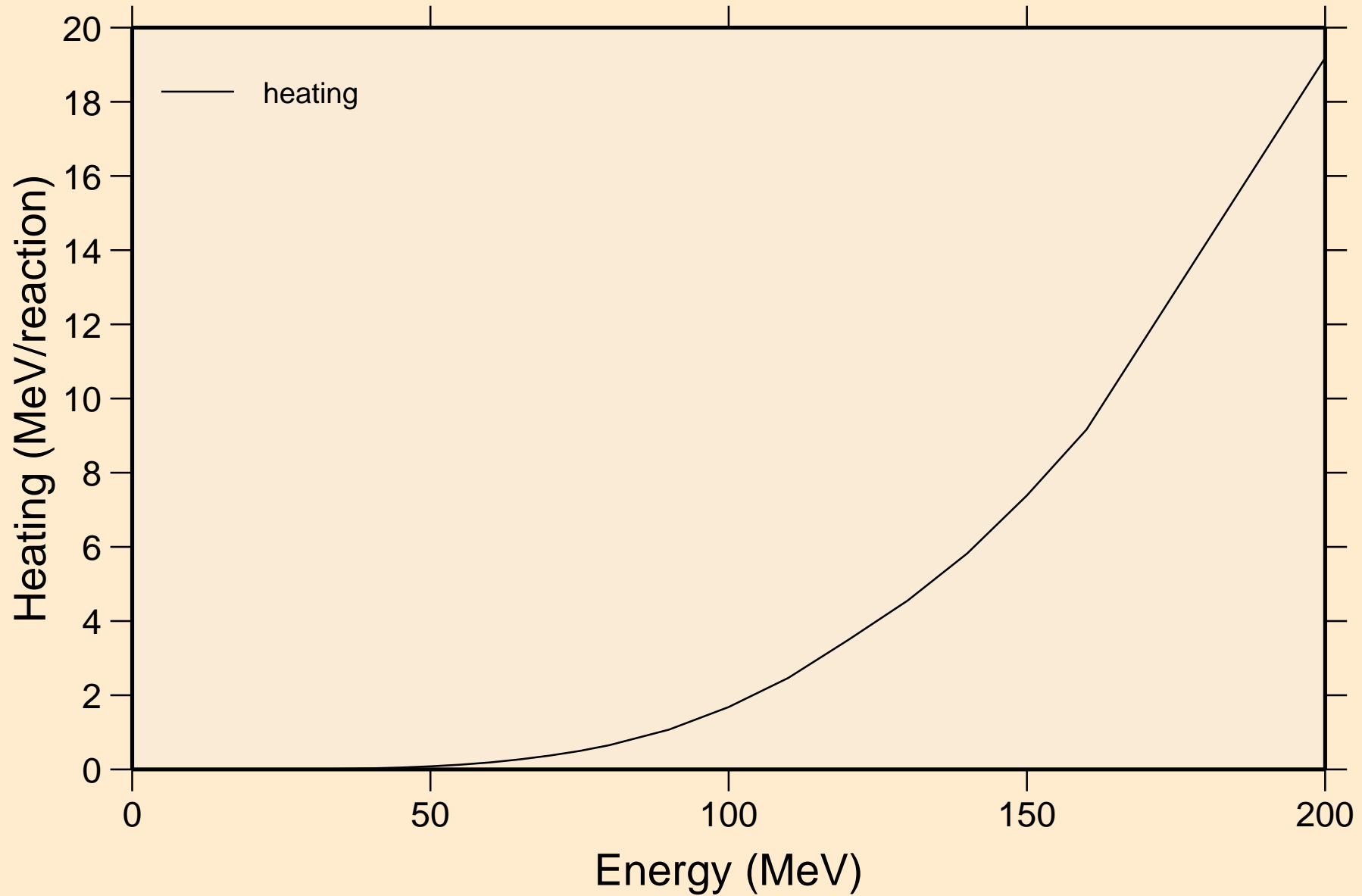
# YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

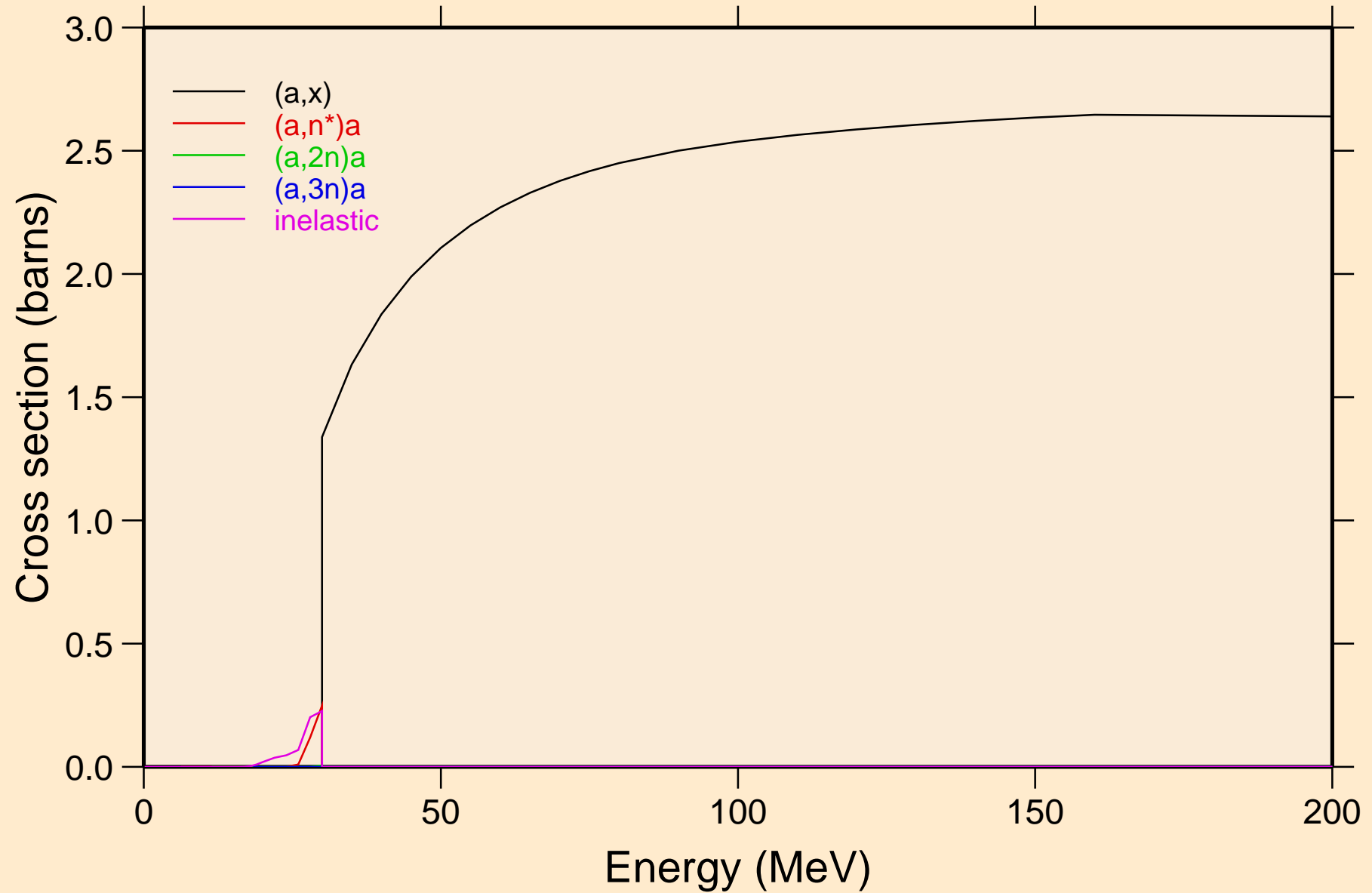


YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

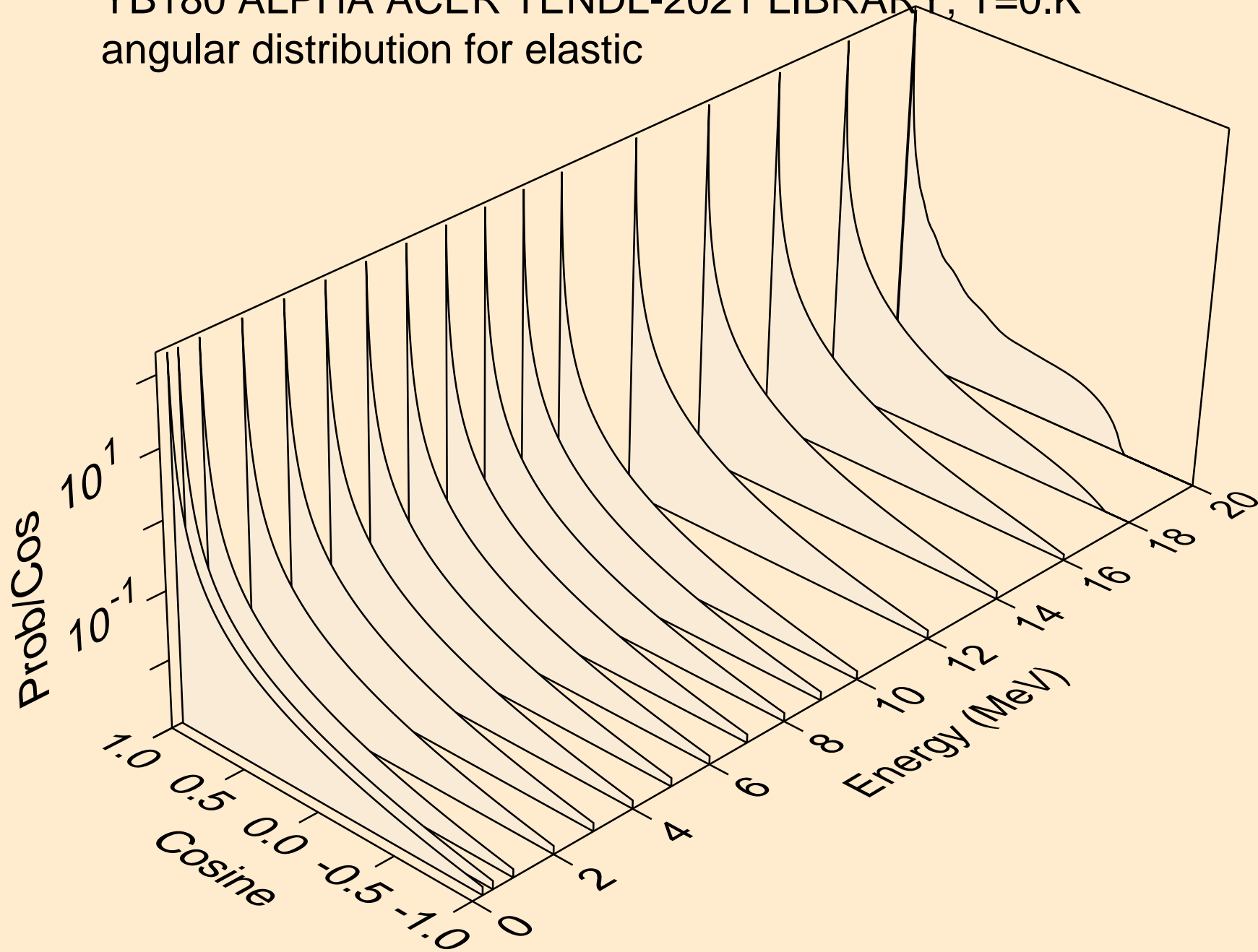
Heating



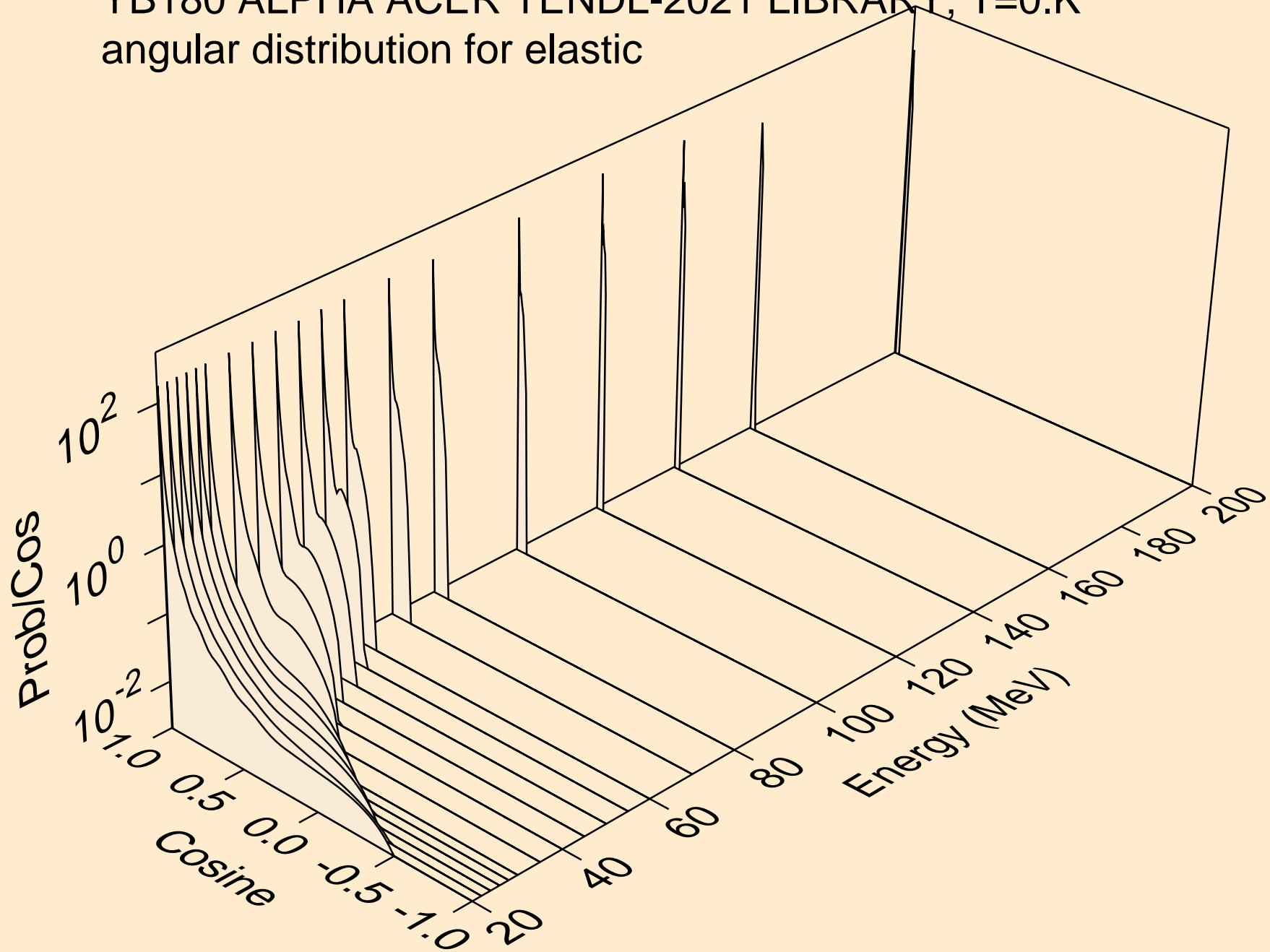
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Threshold reactions



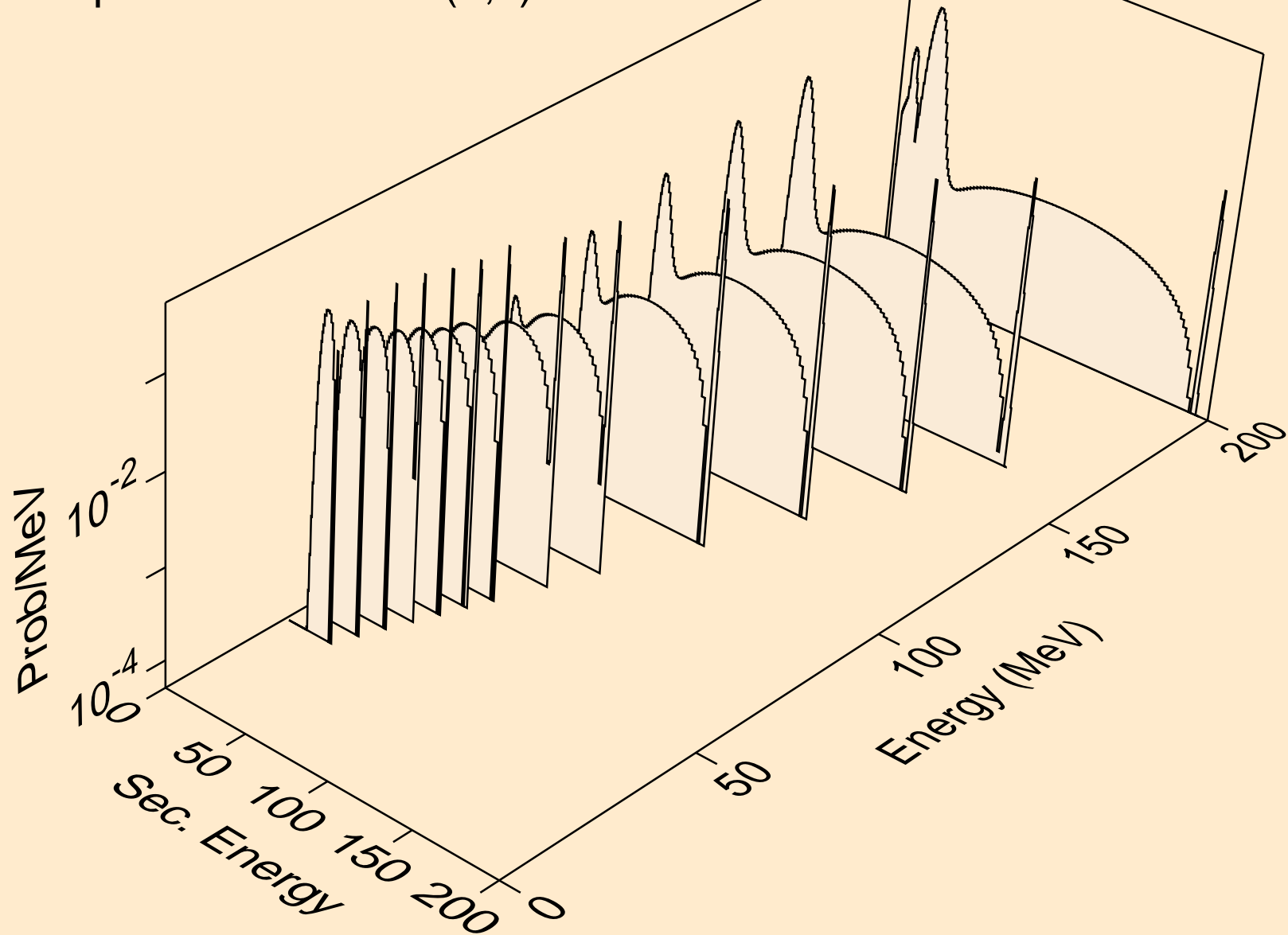
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

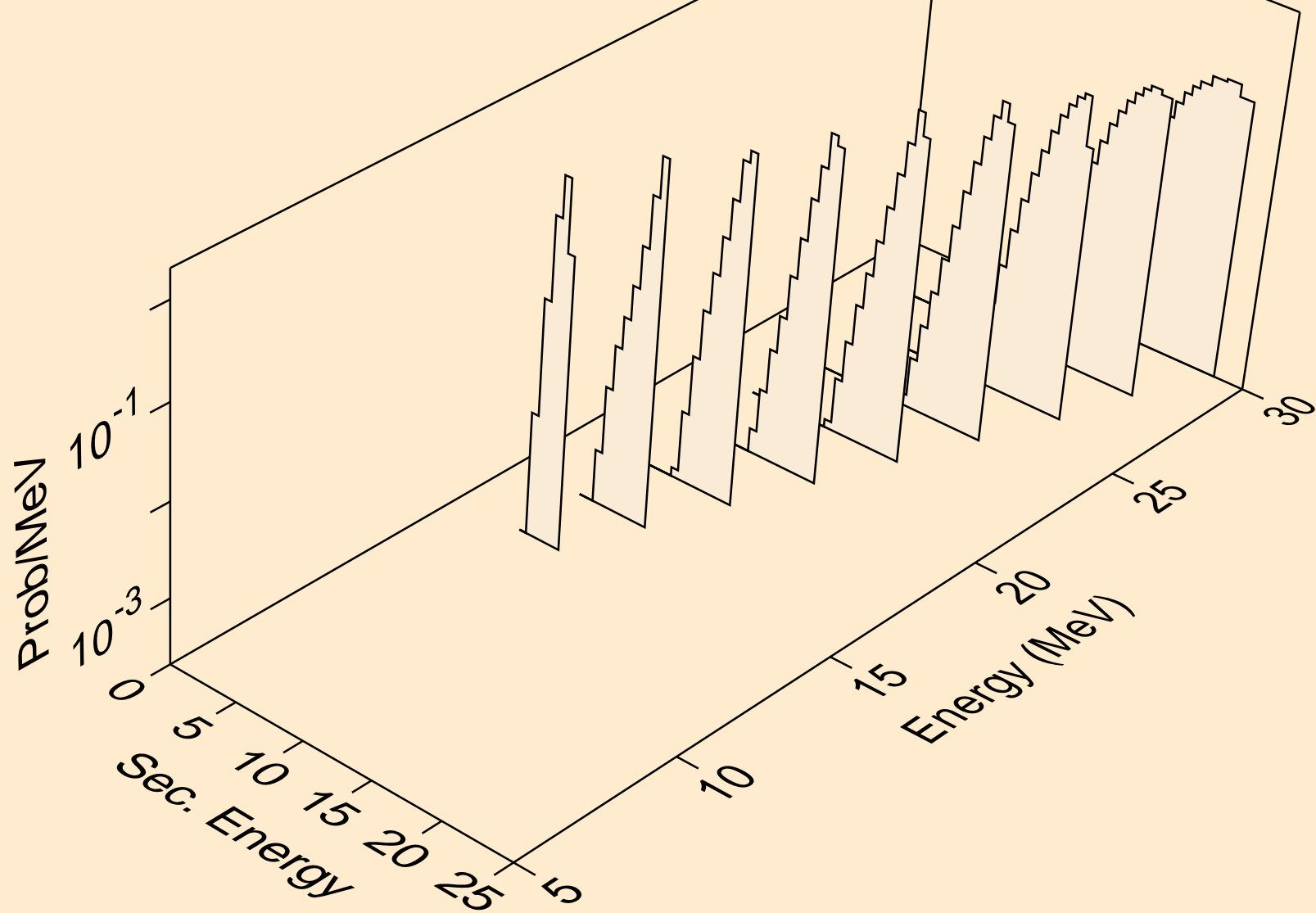


YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)

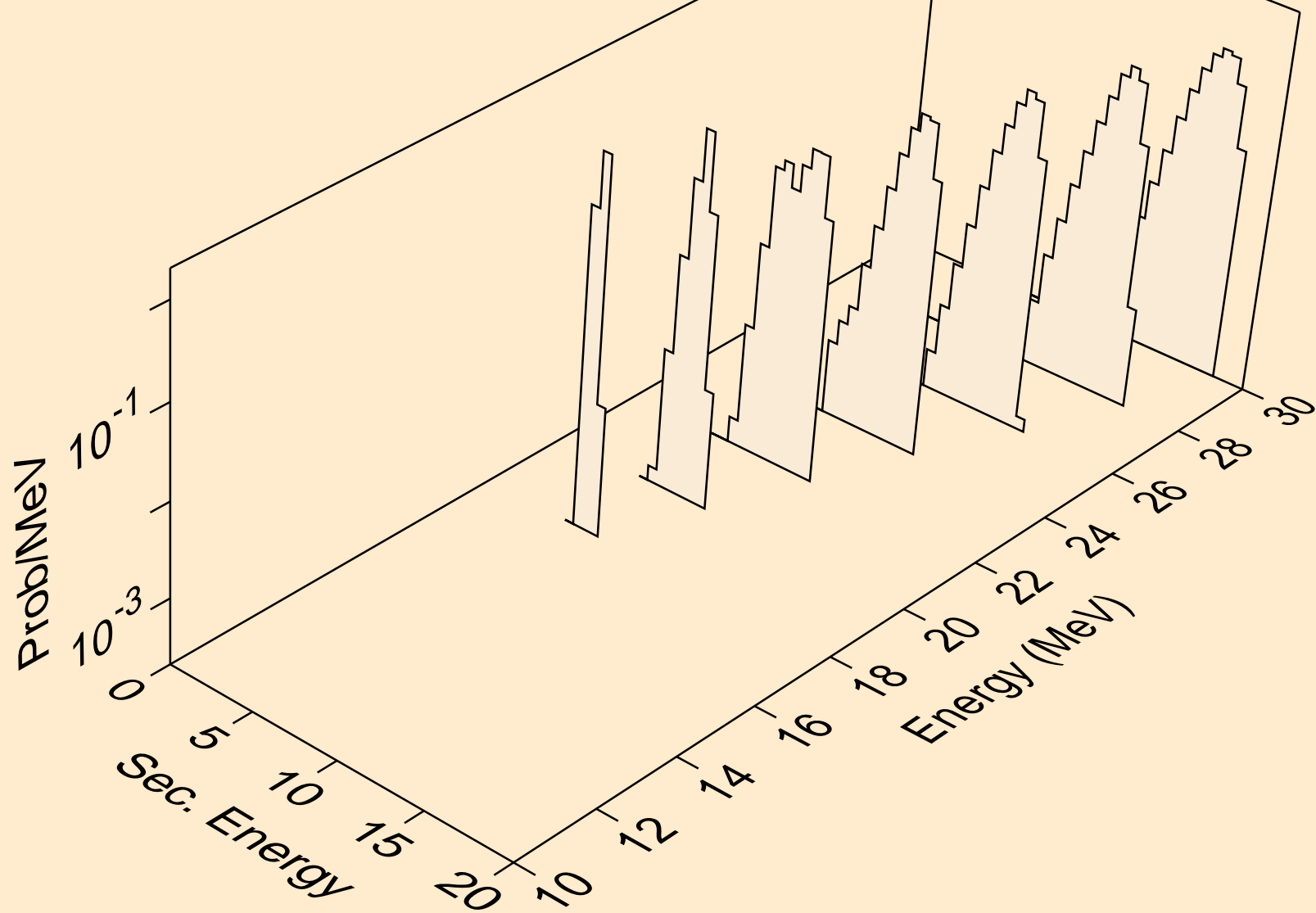




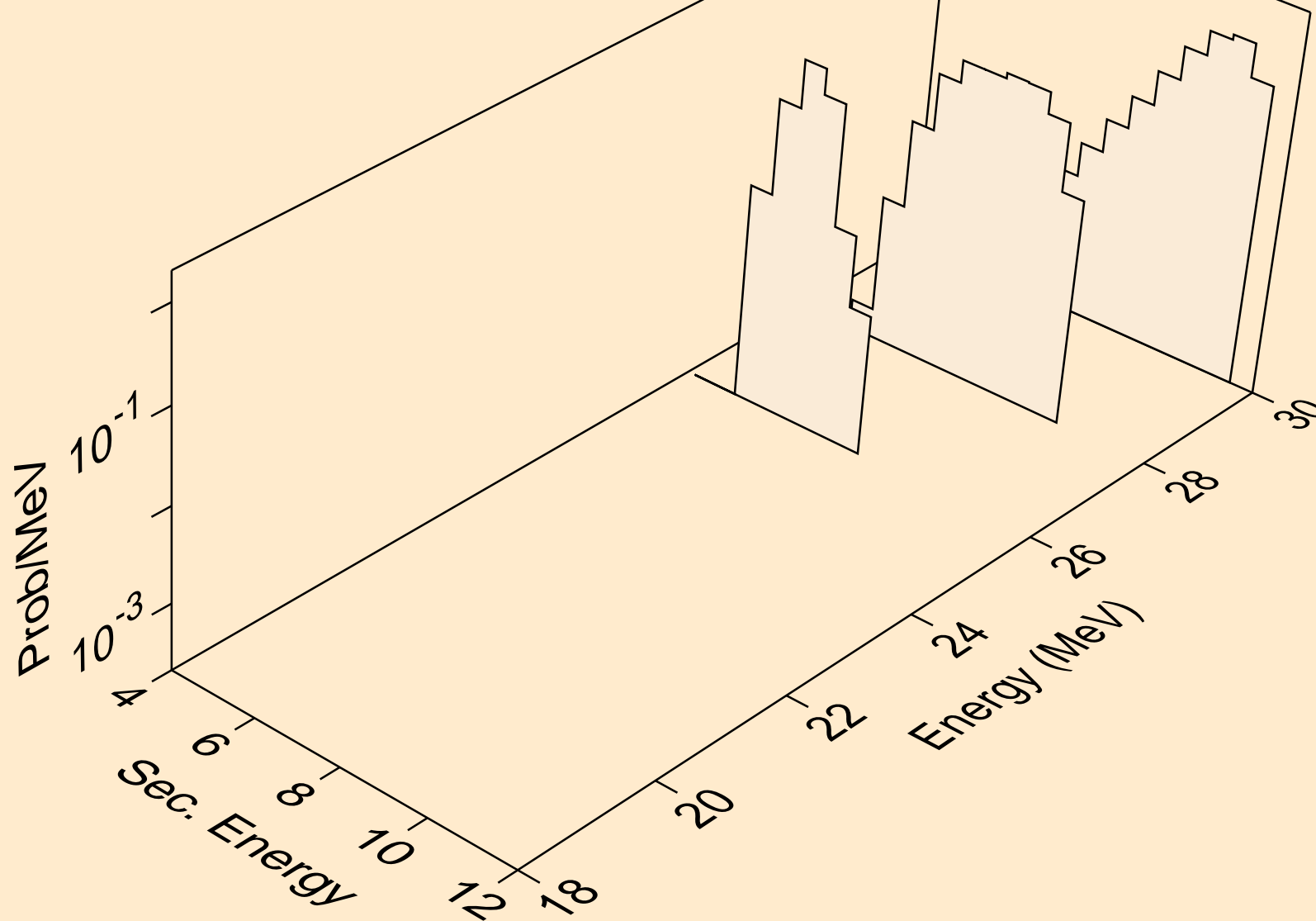
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



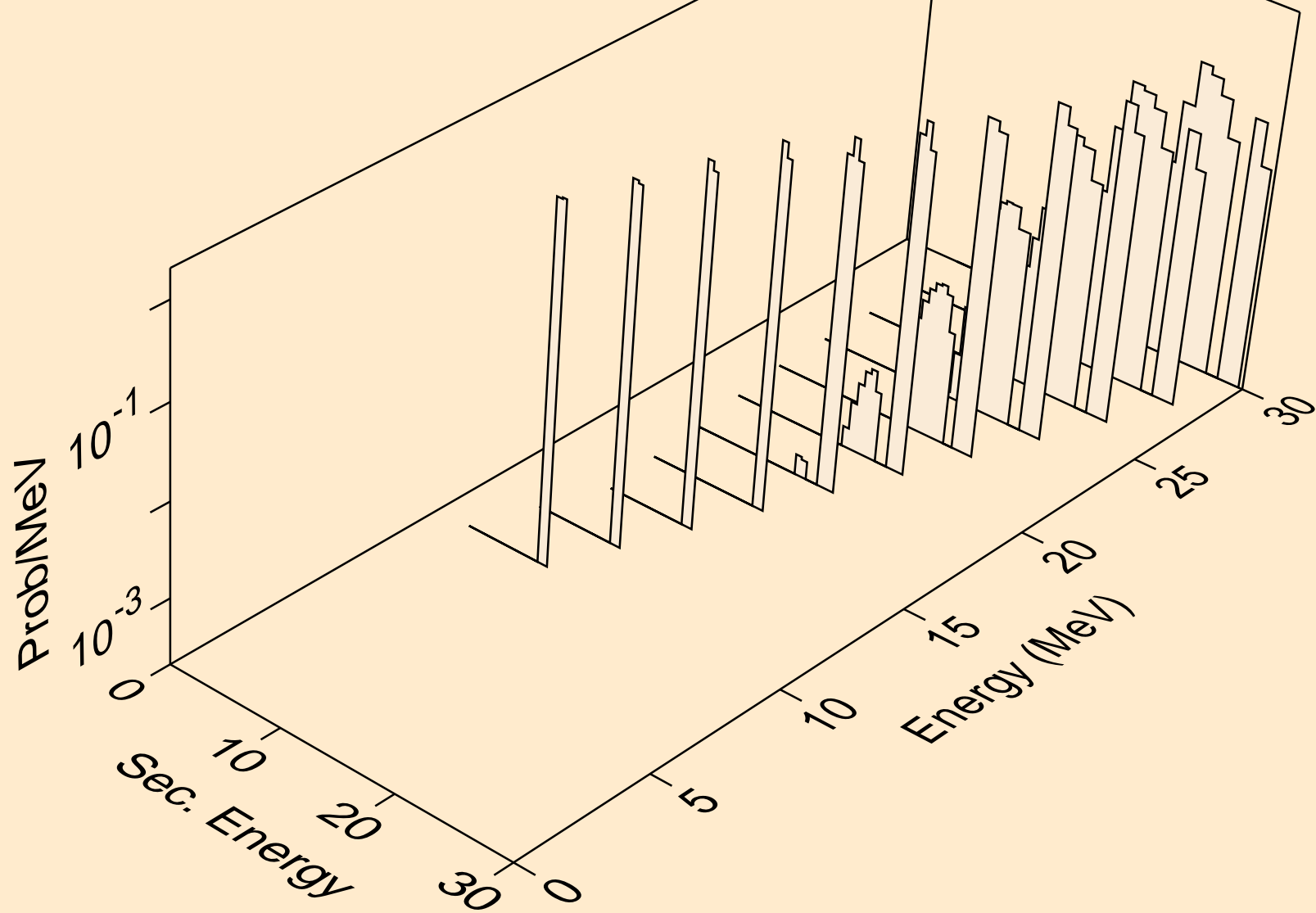
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



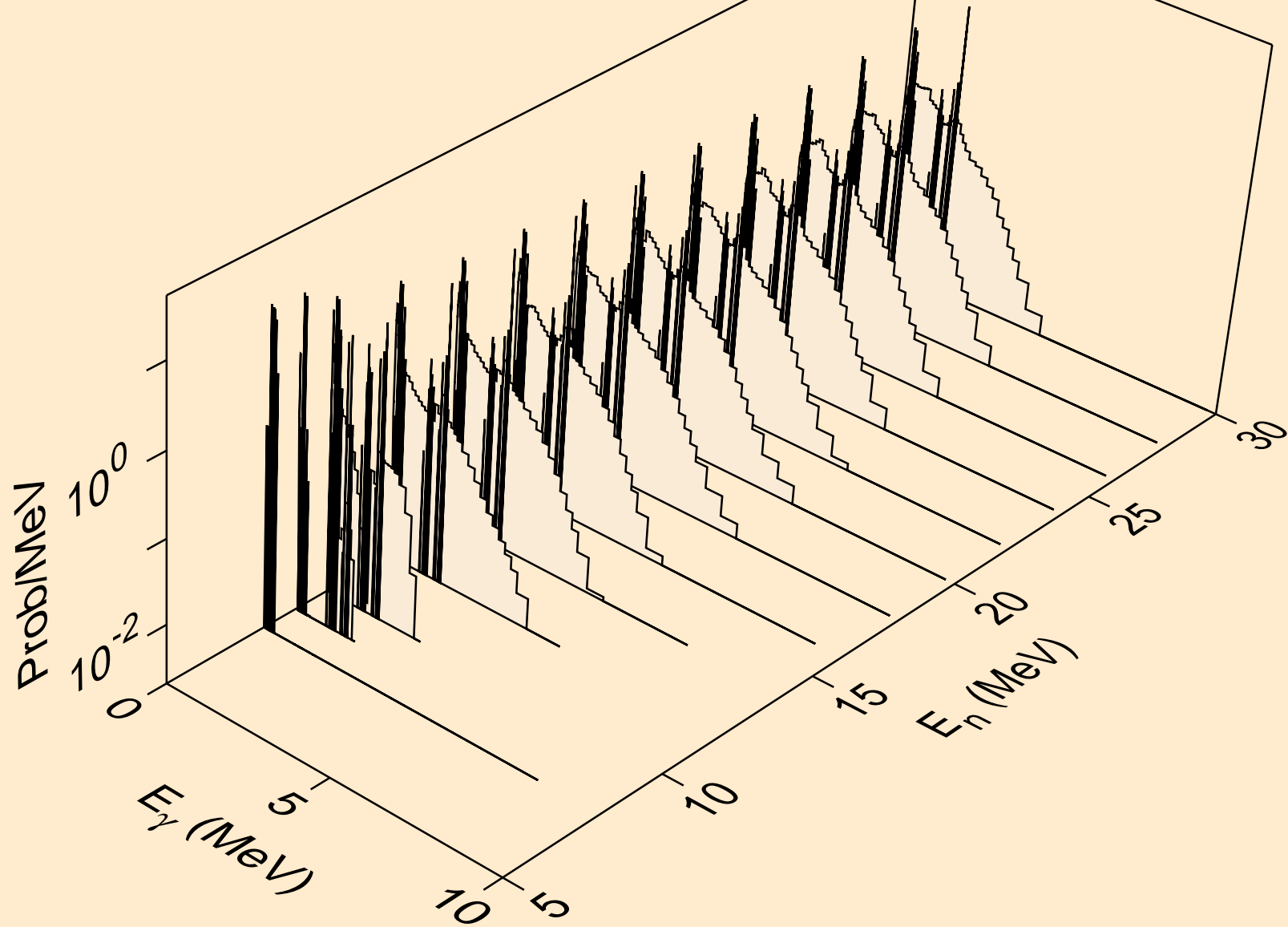
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



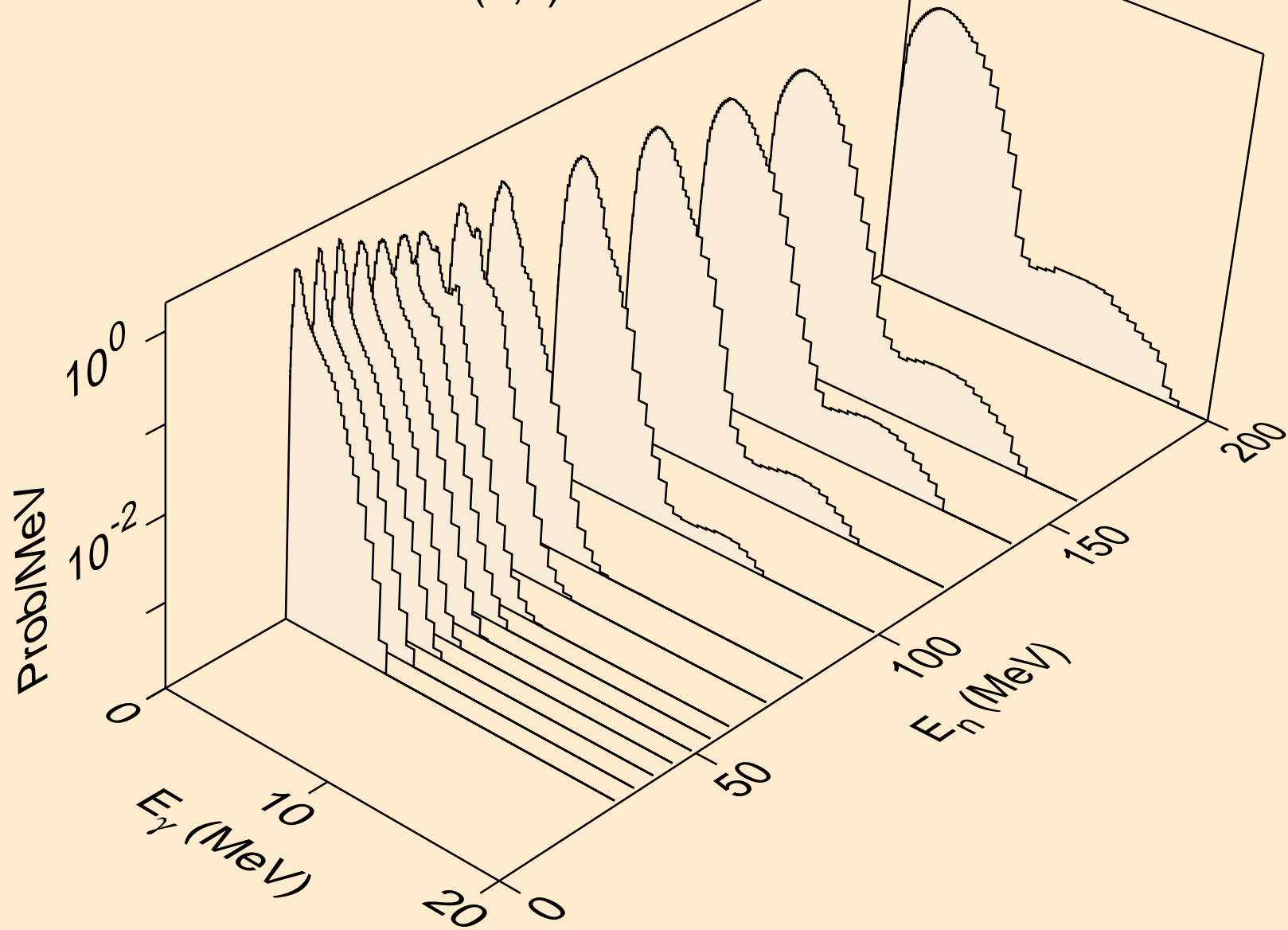
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



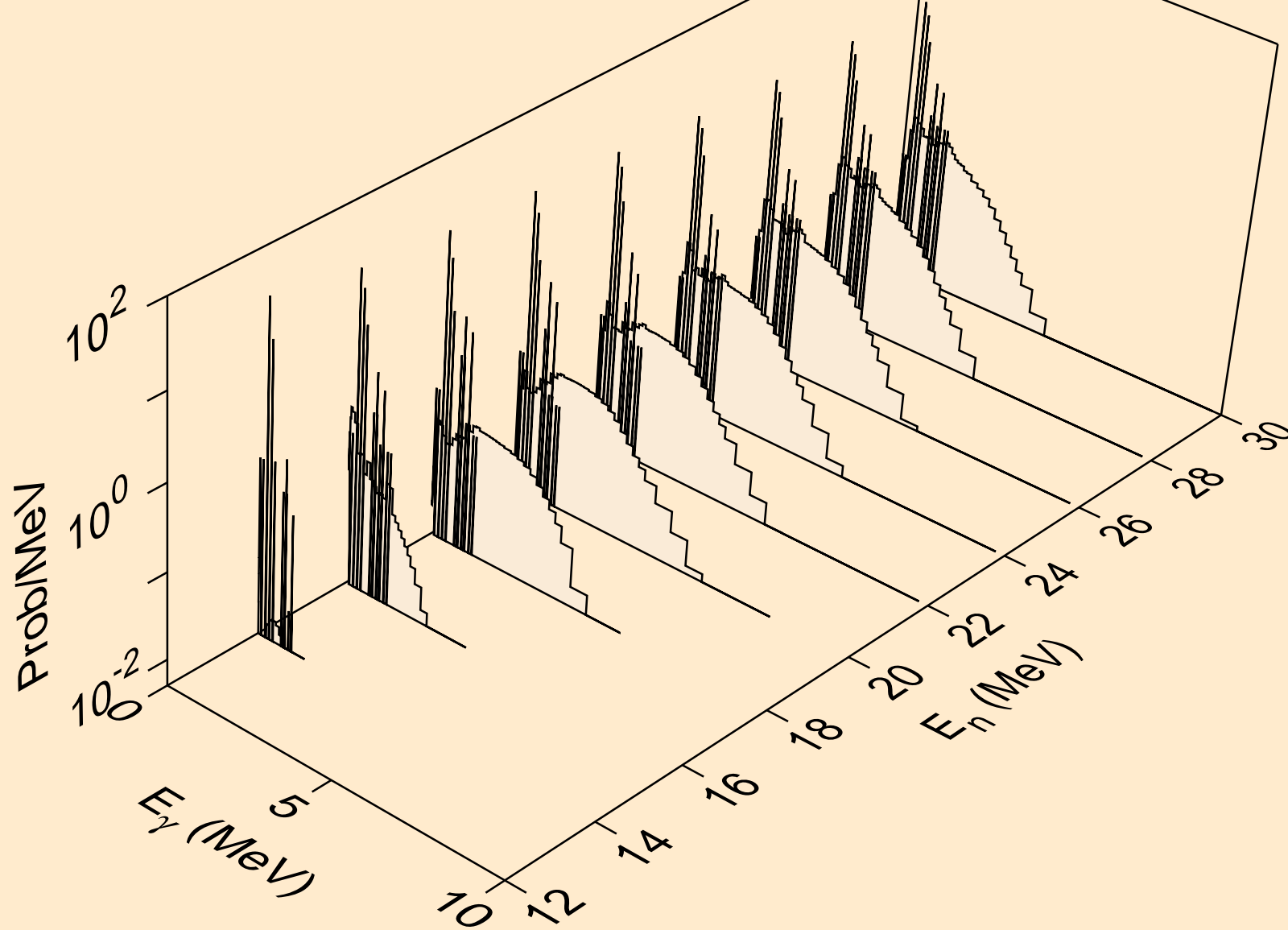
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



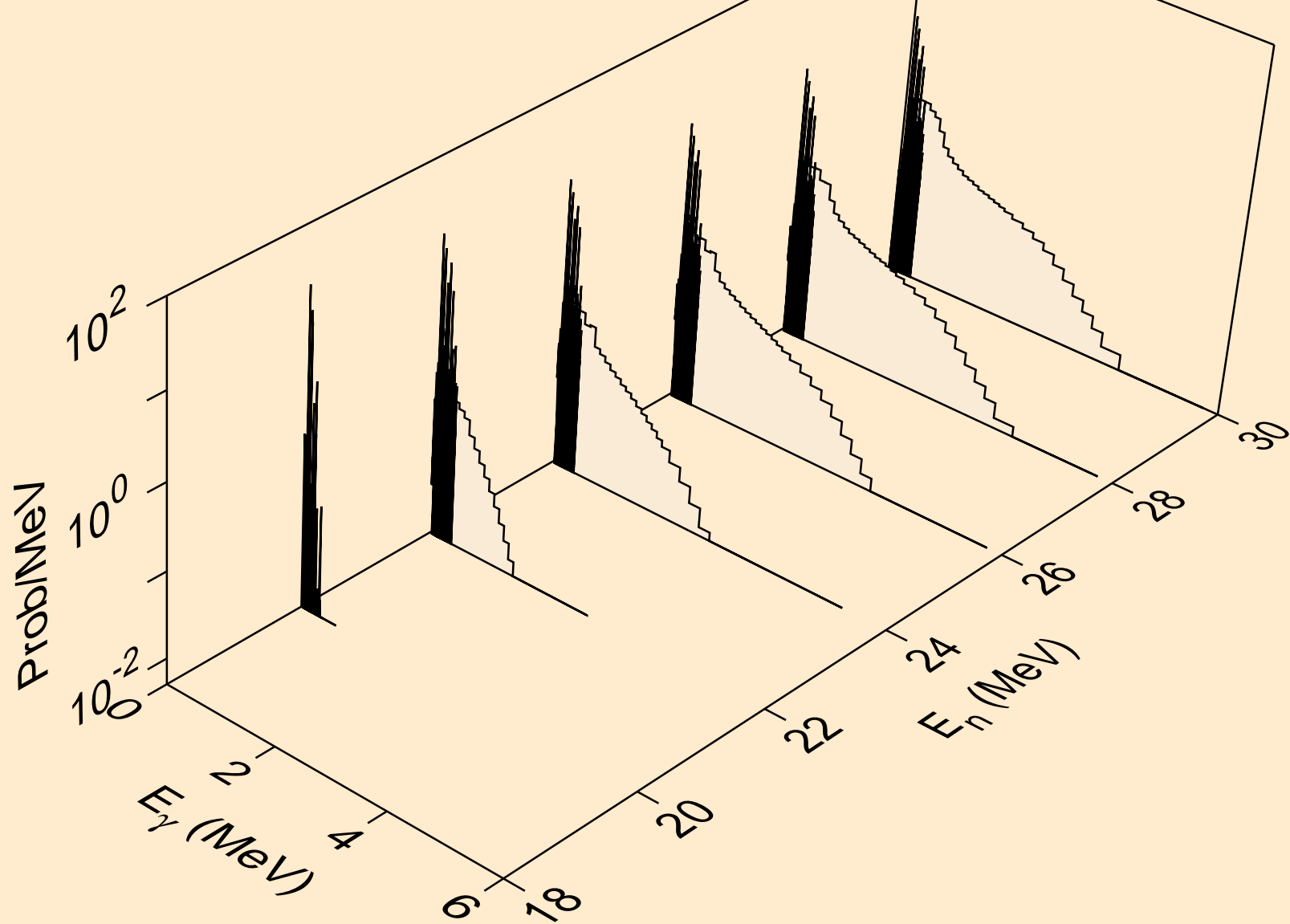
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

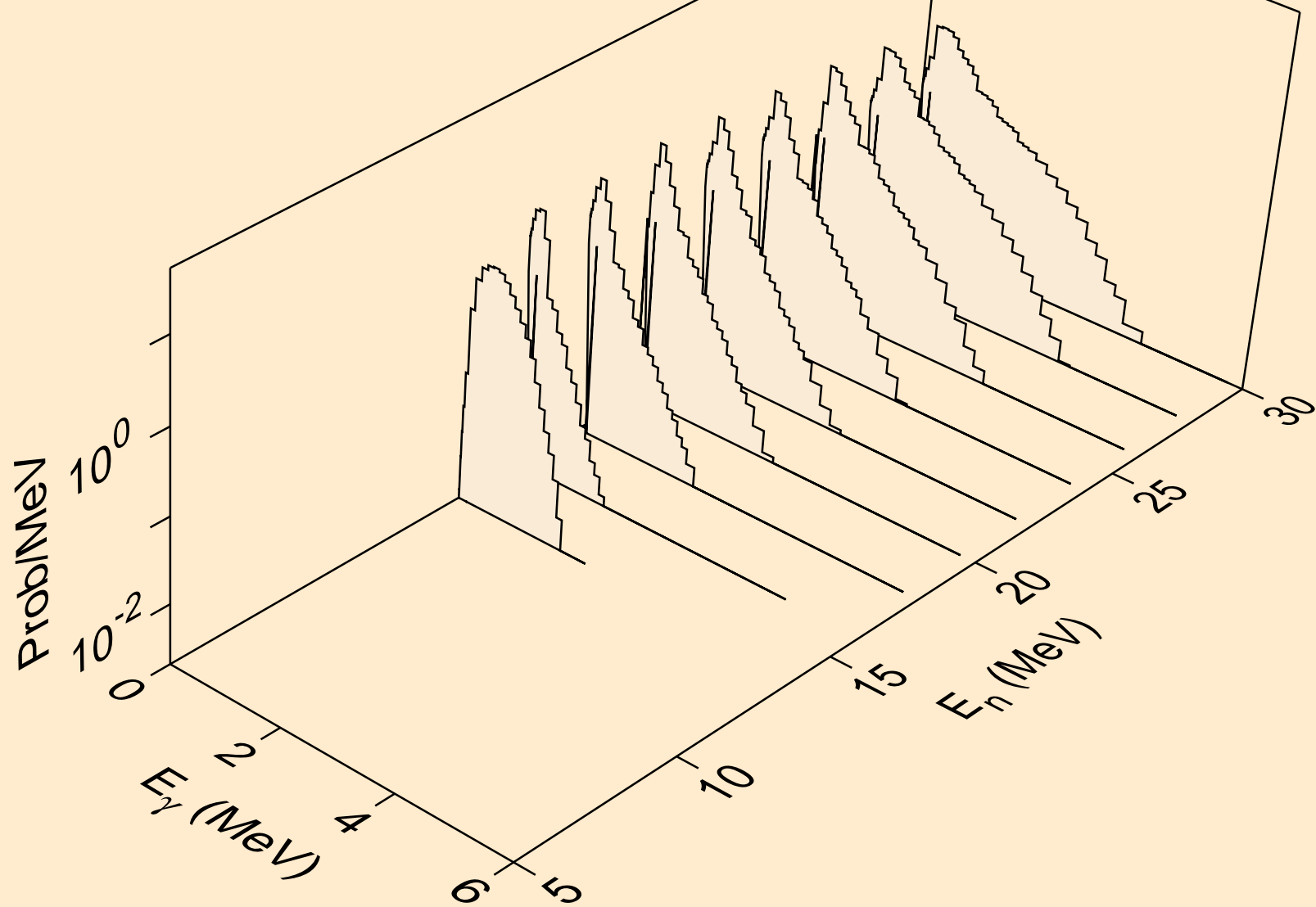


YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

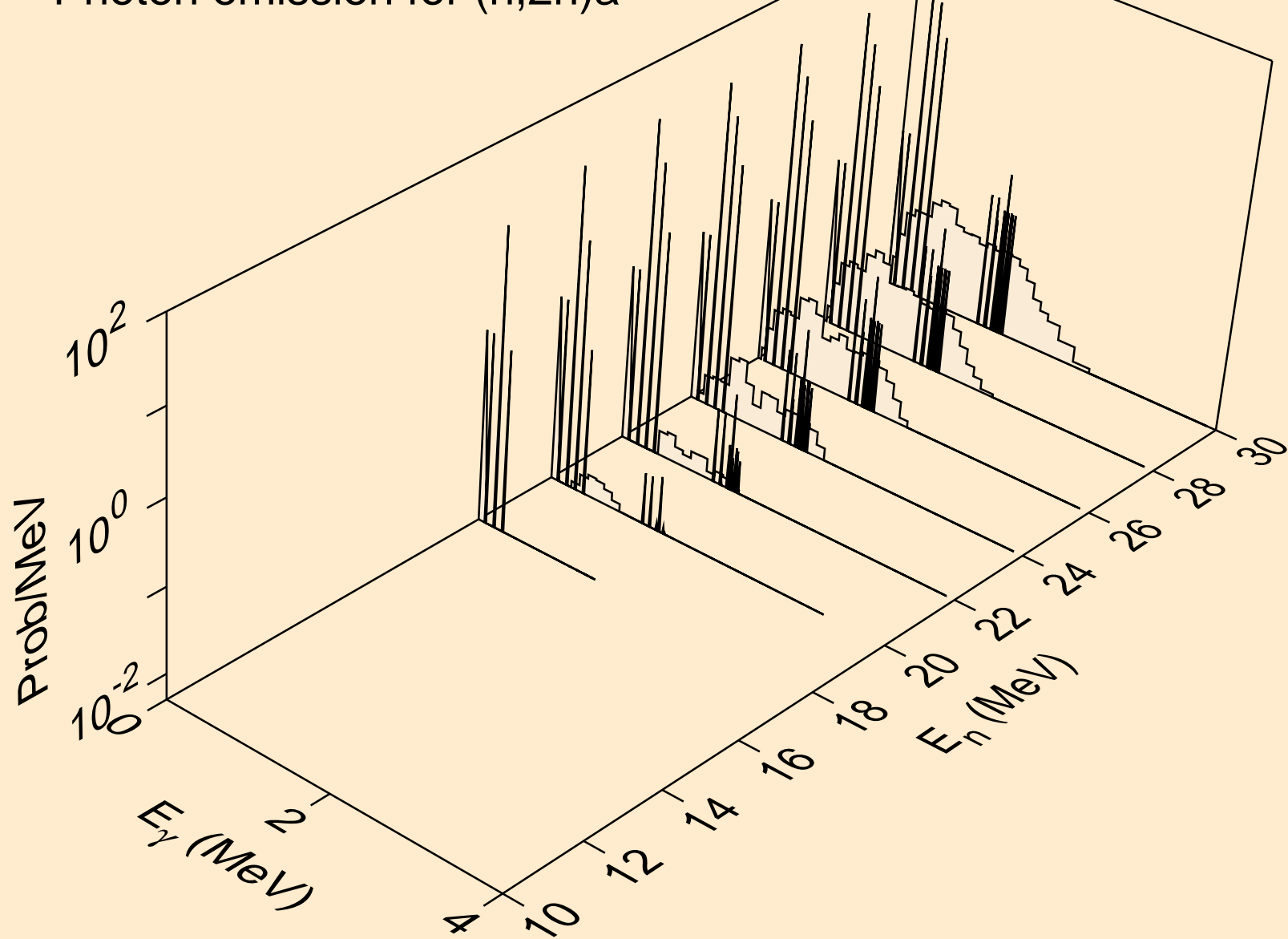




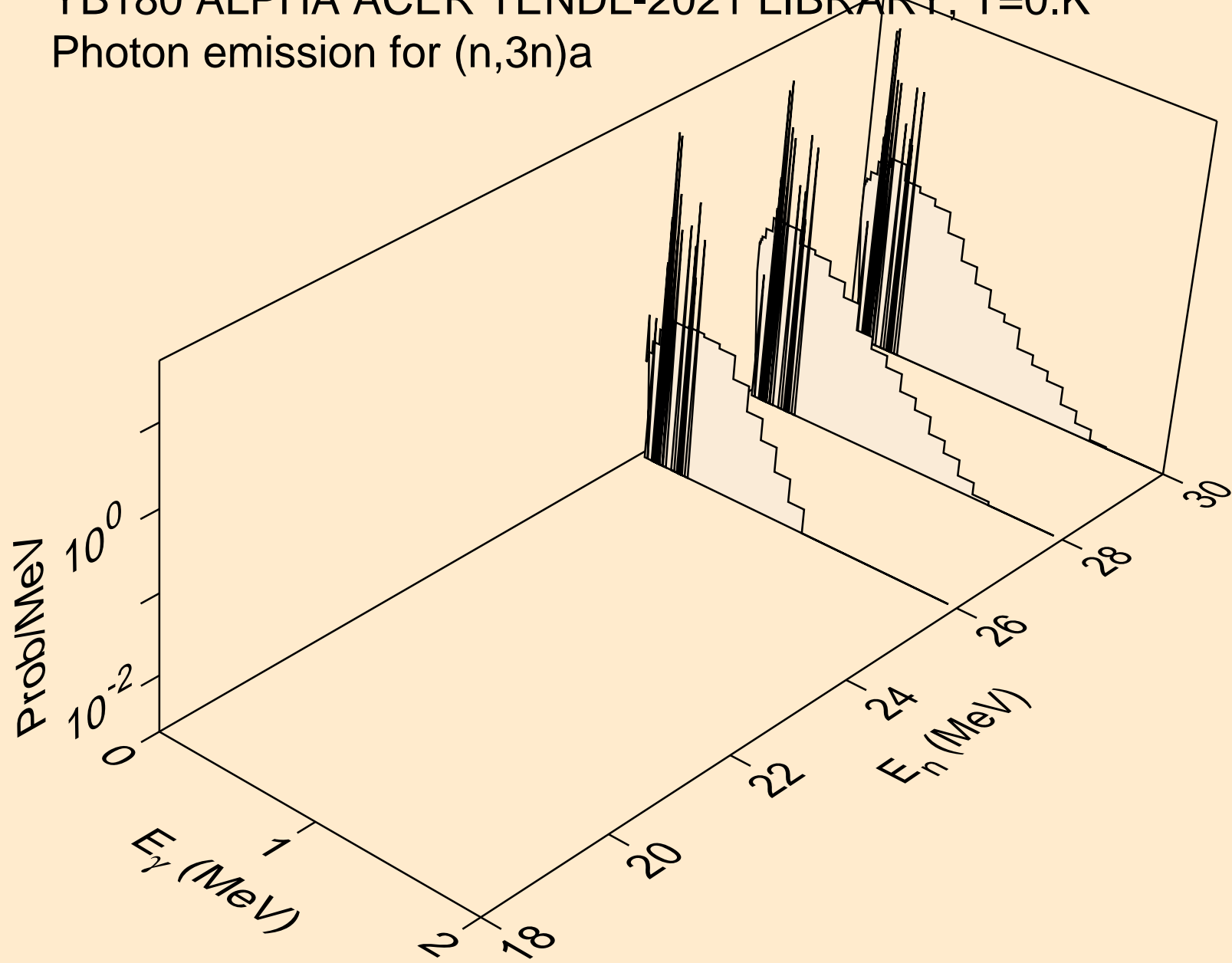
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



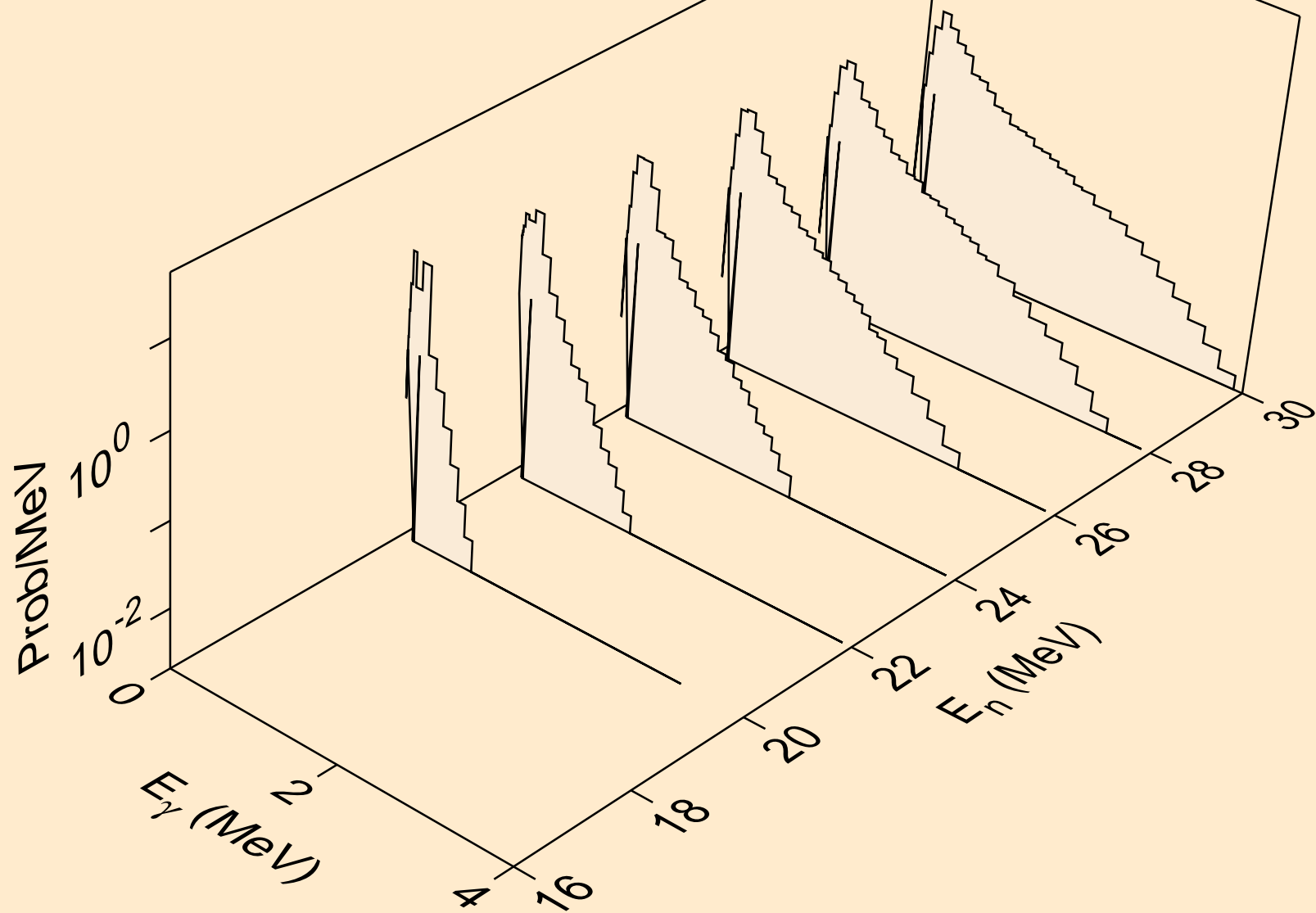
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



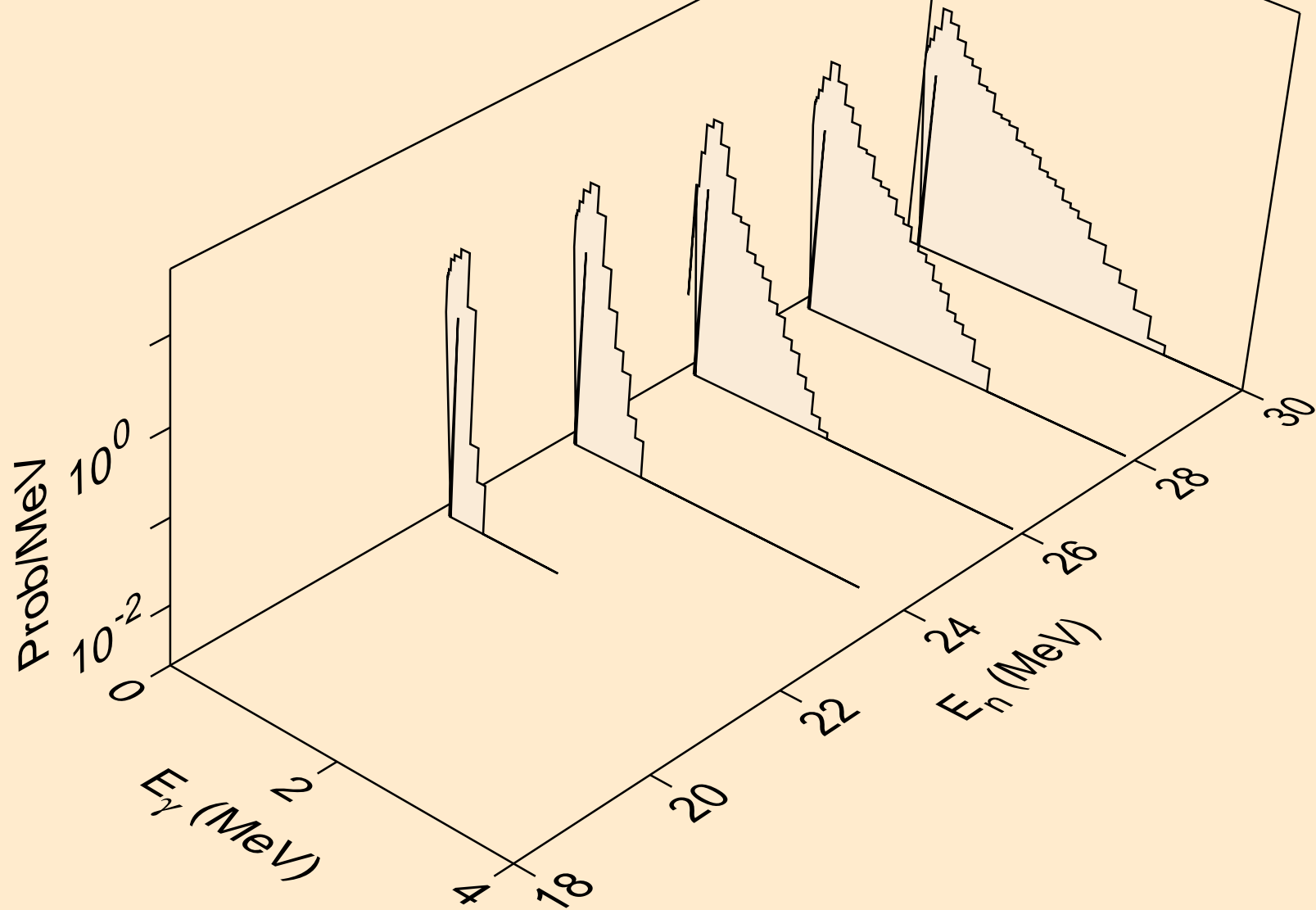
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Photon emission for (n,3n)a



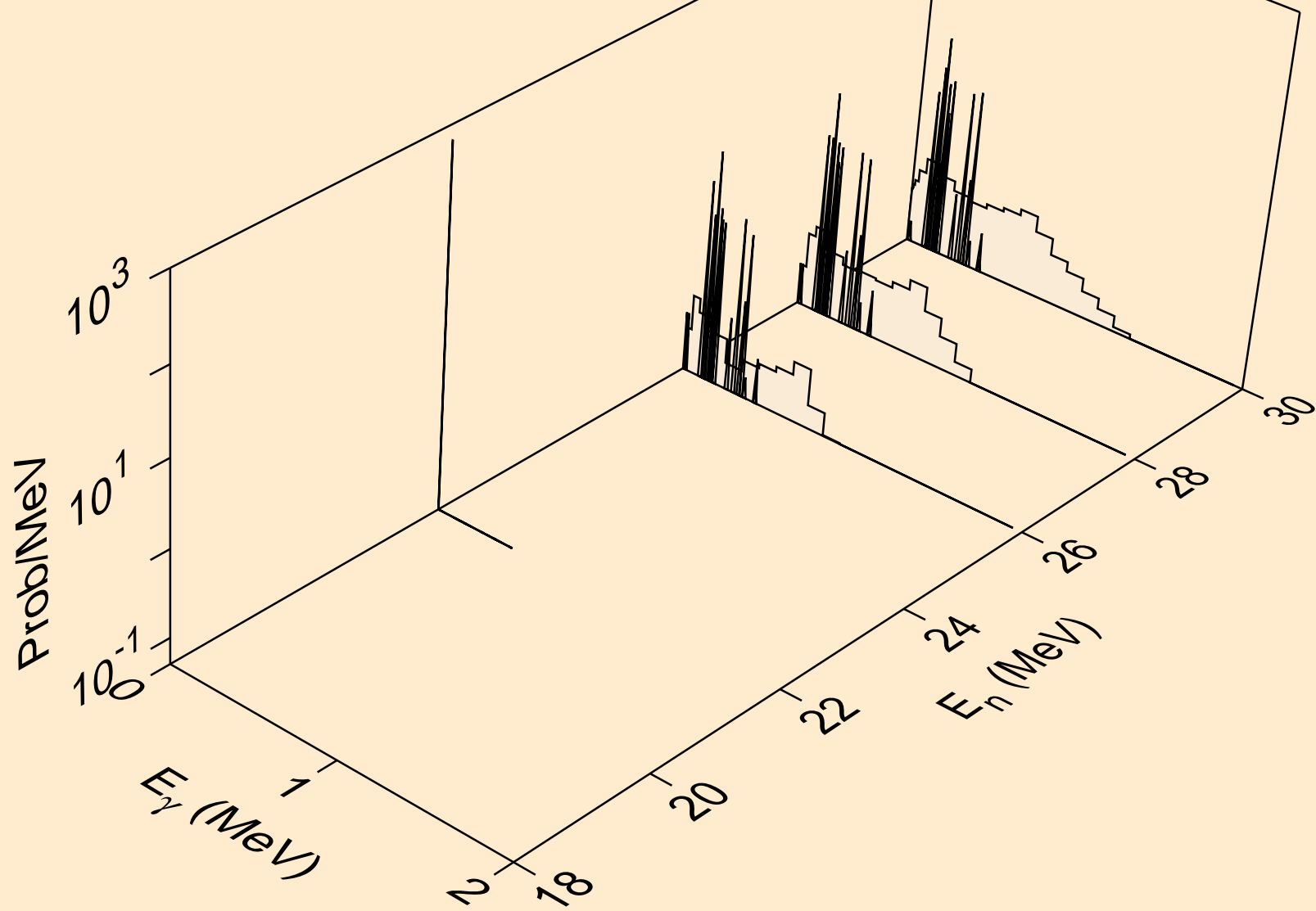
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



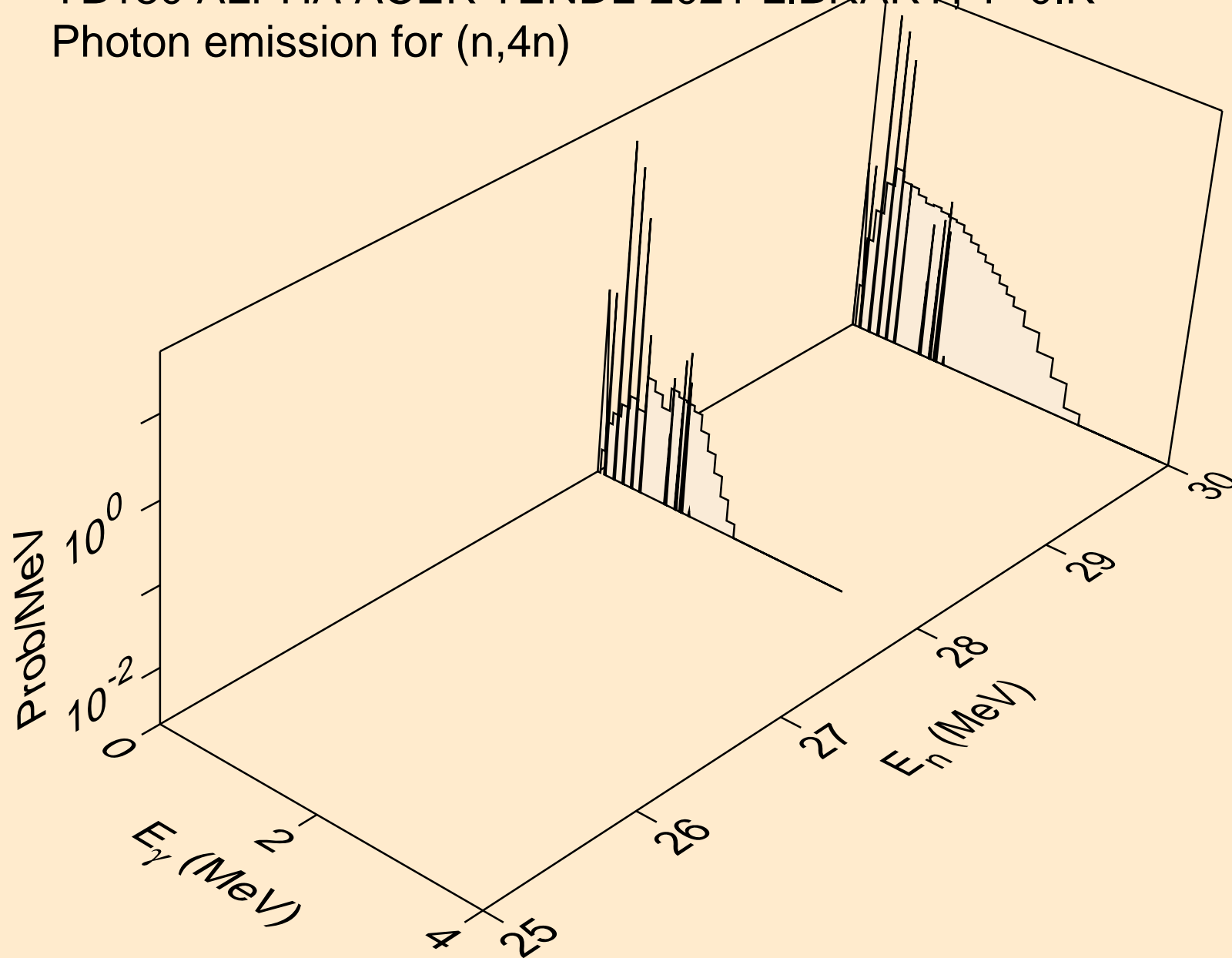
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



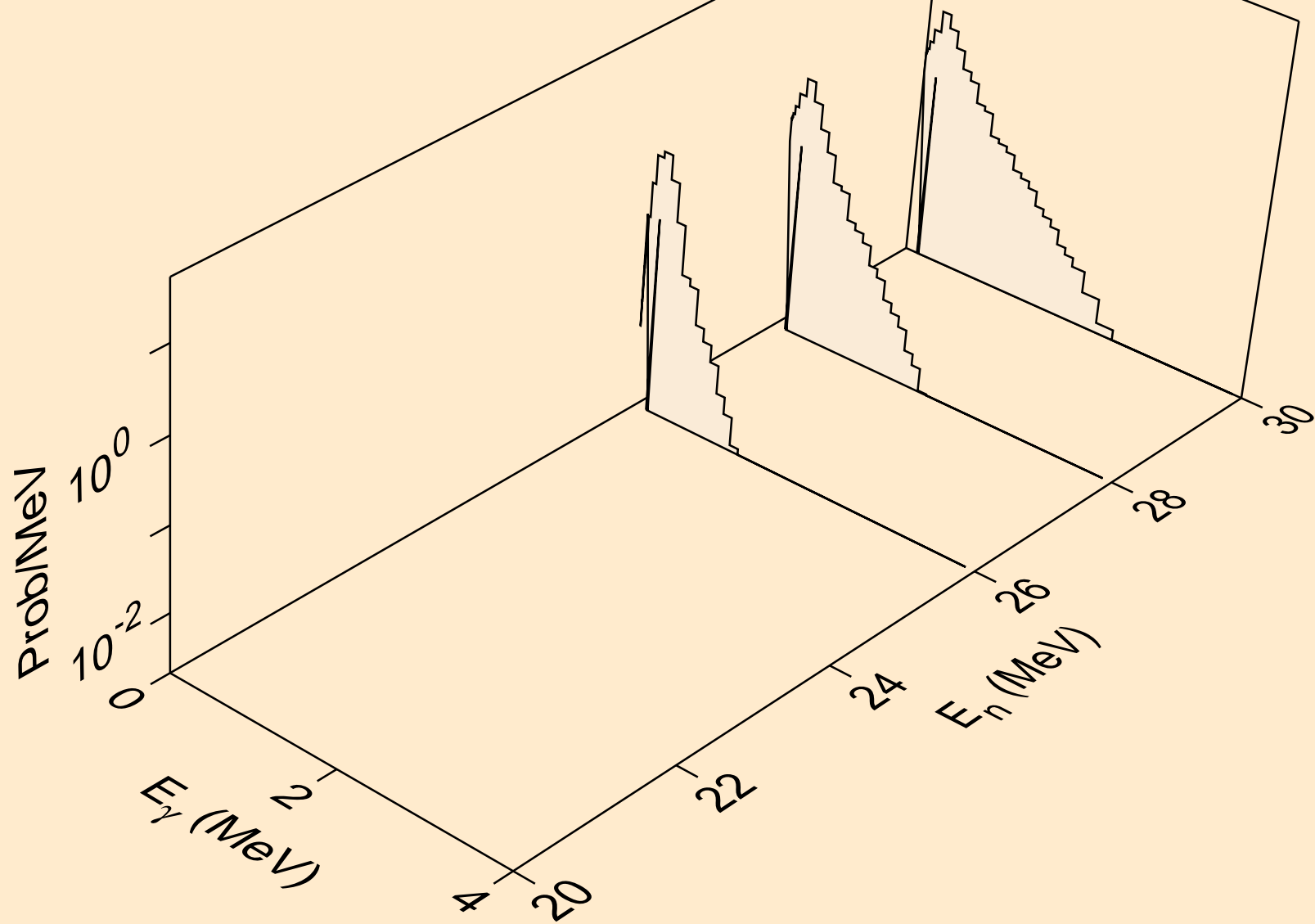
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

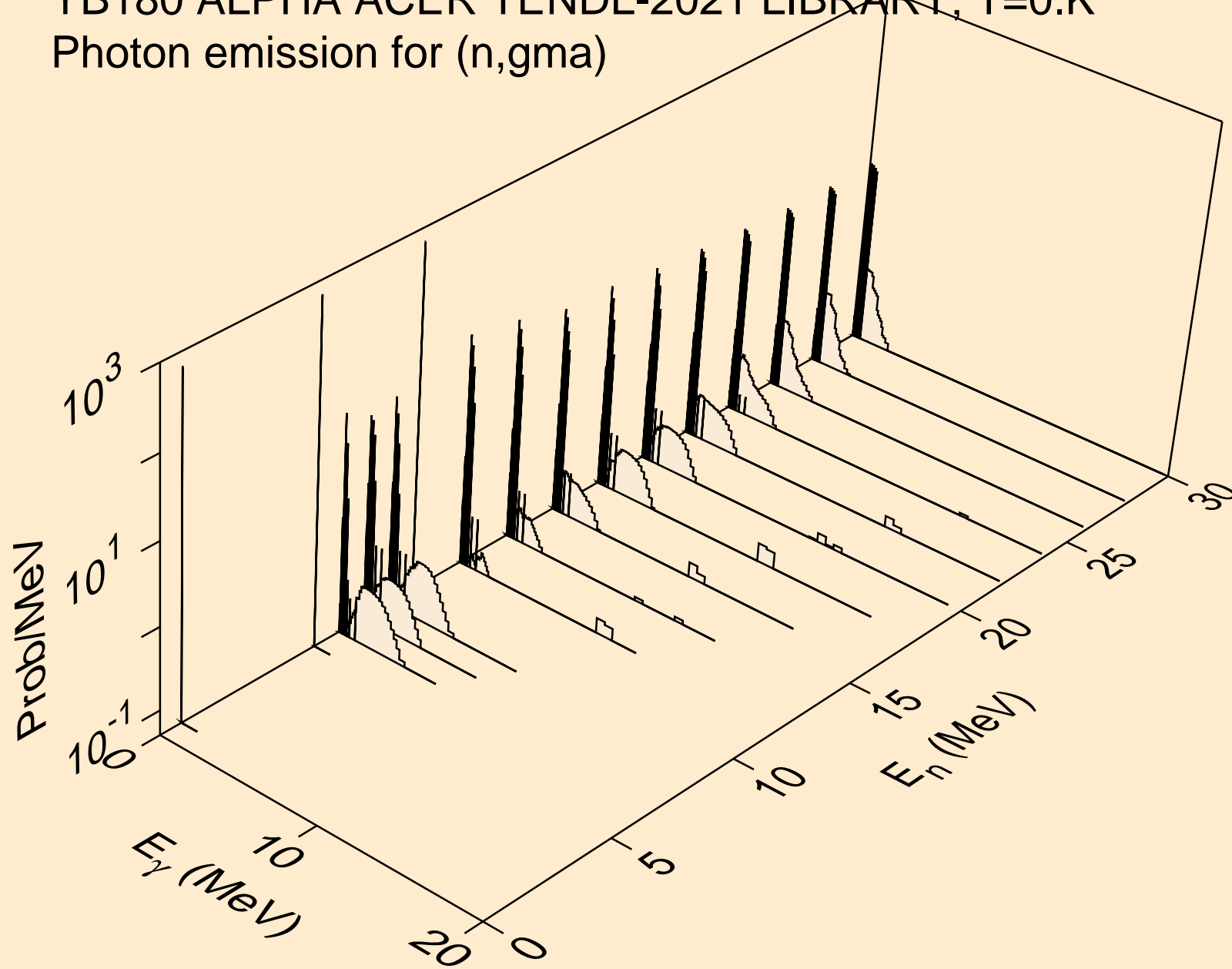


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Photon emission for (n,2np)

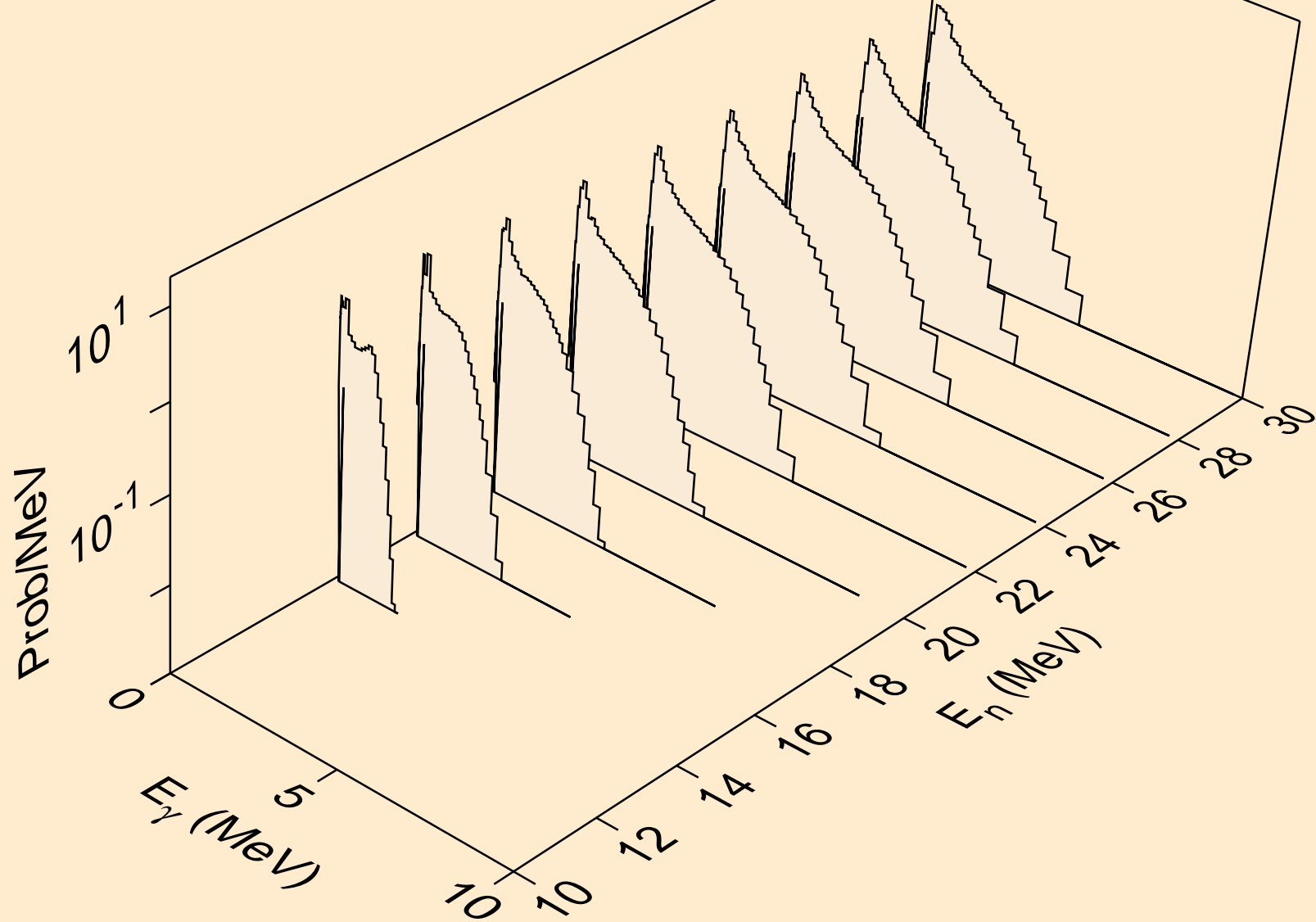




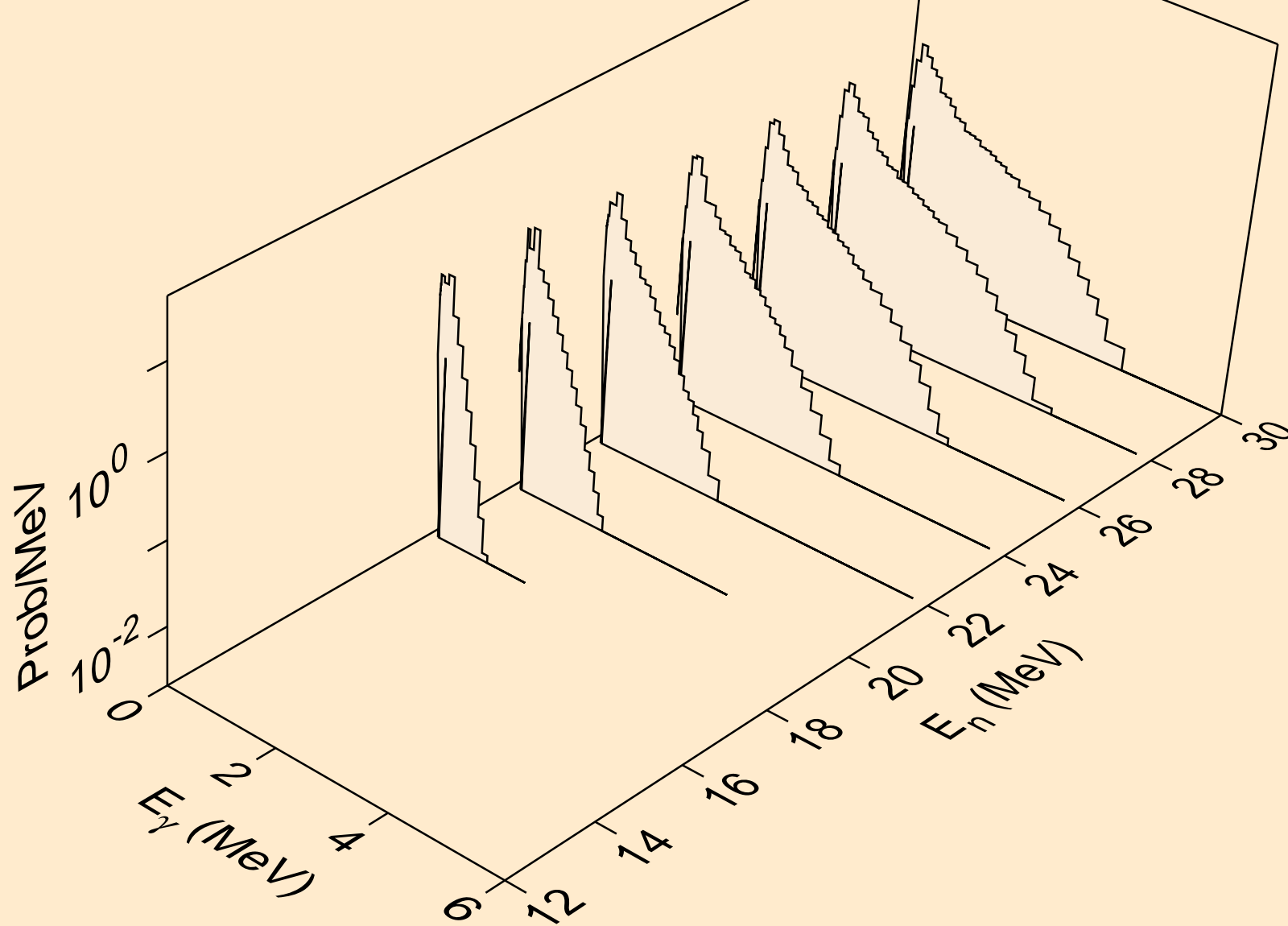
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Photon emission for (n,gma)



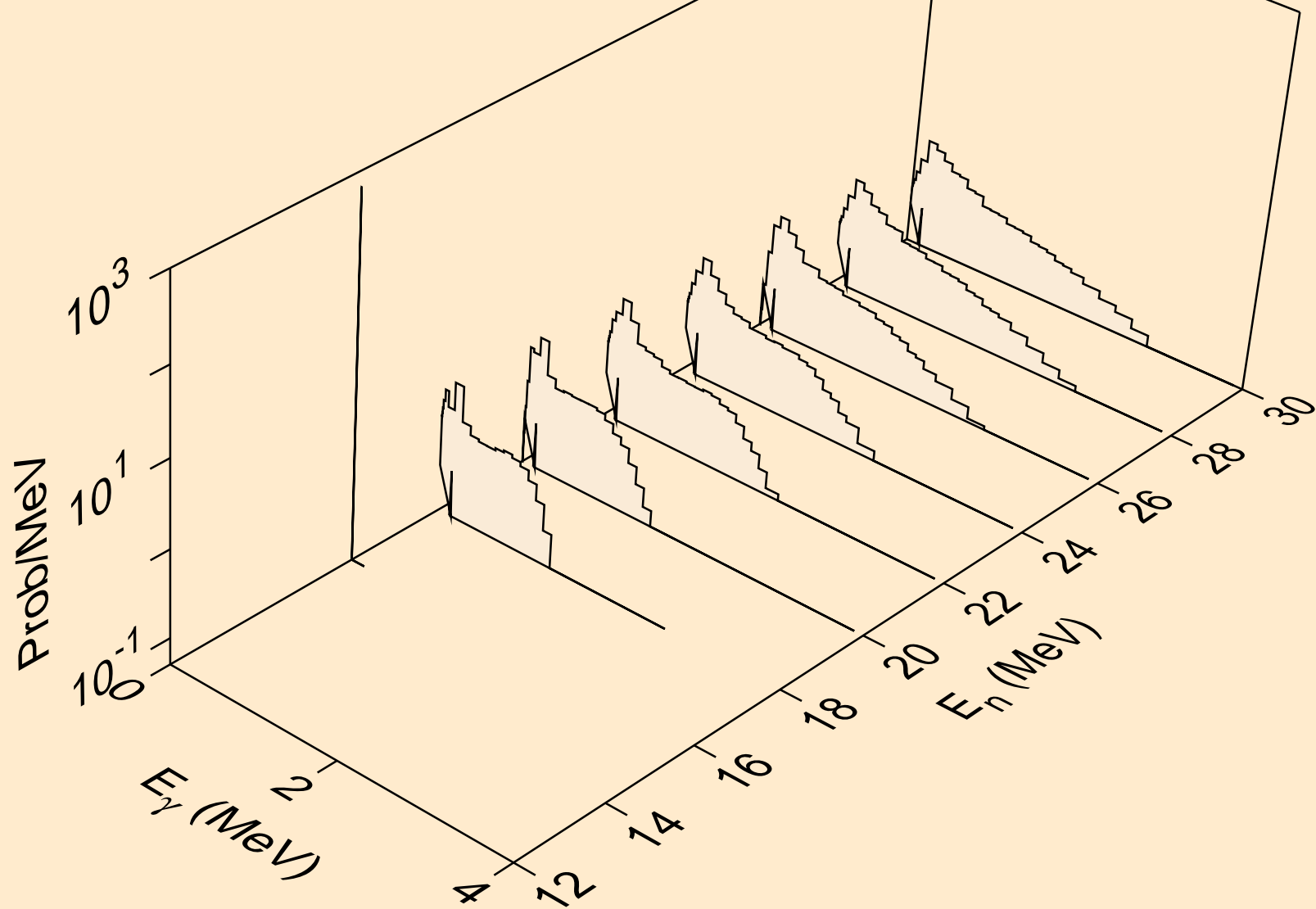
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Photon emission for (n,p)



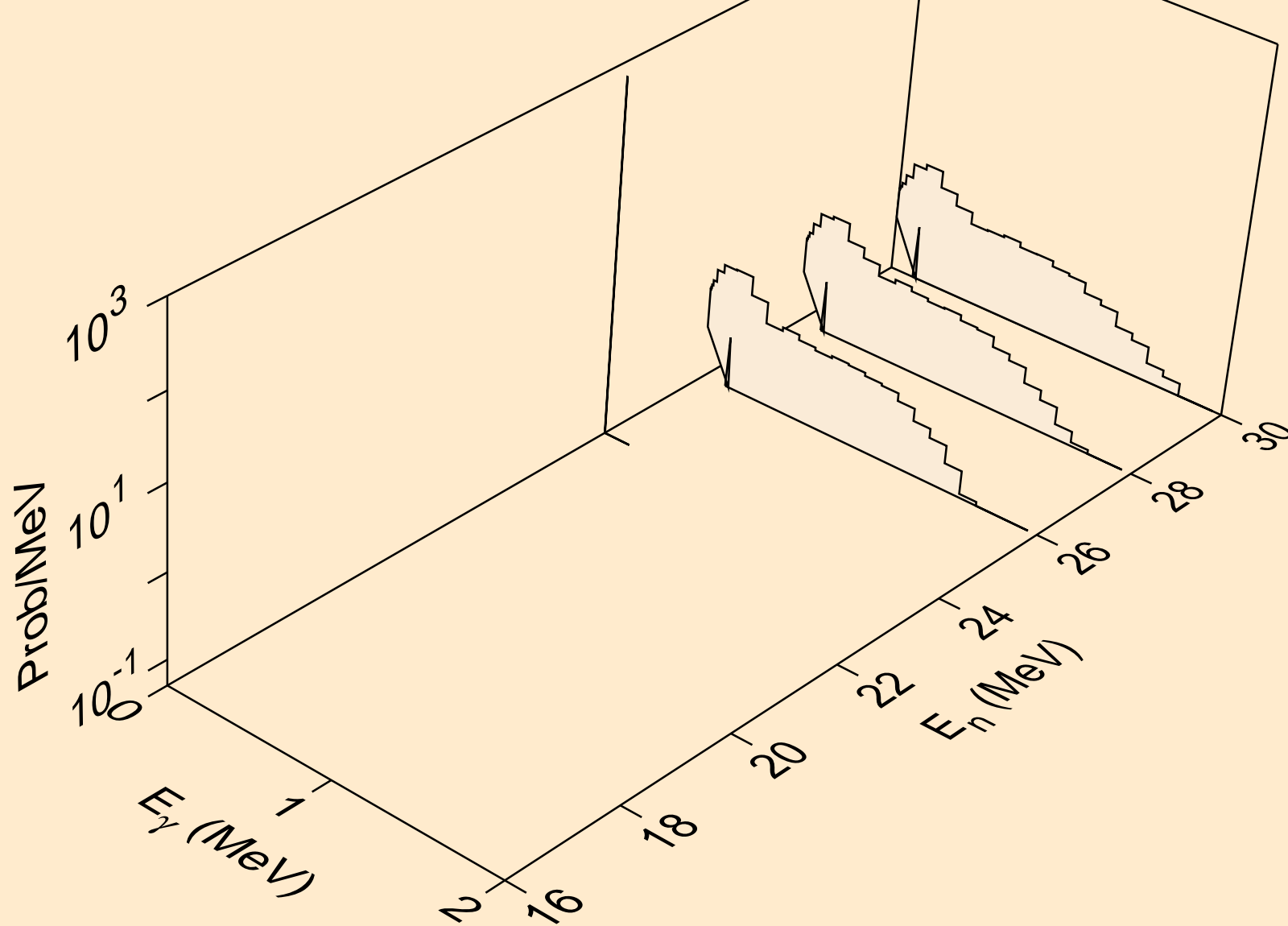
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Photon emission for (n,d)



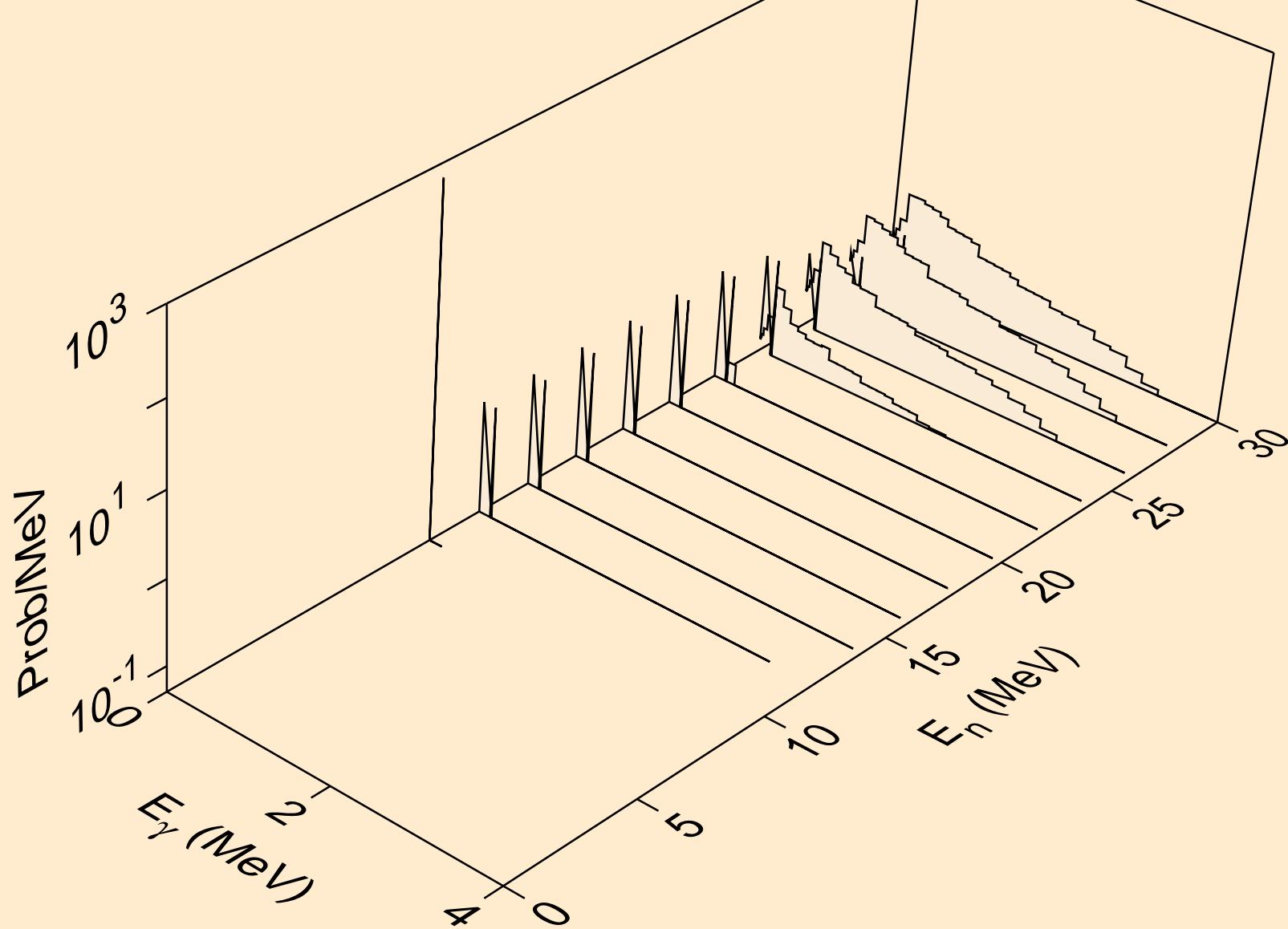
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



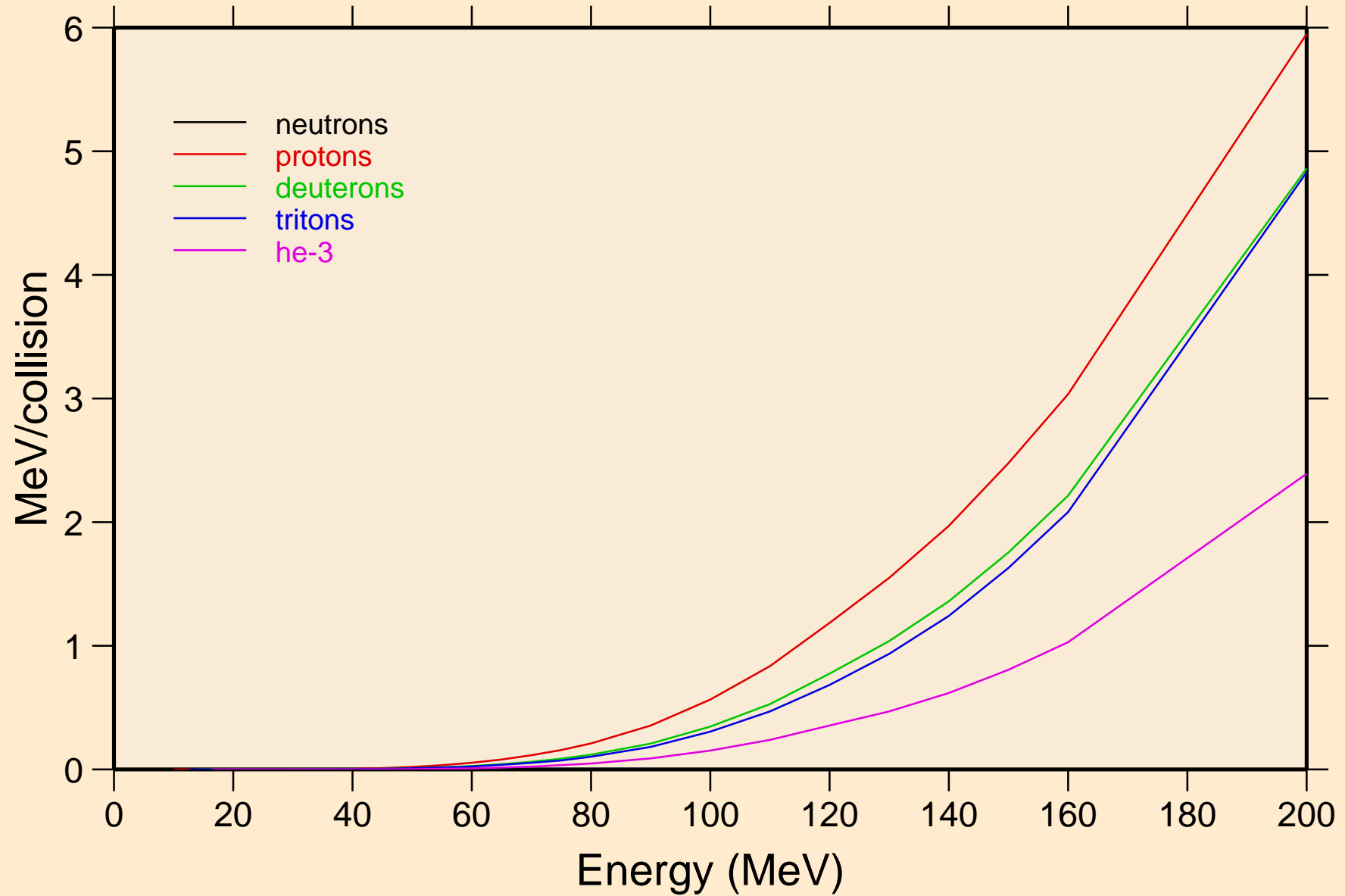
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



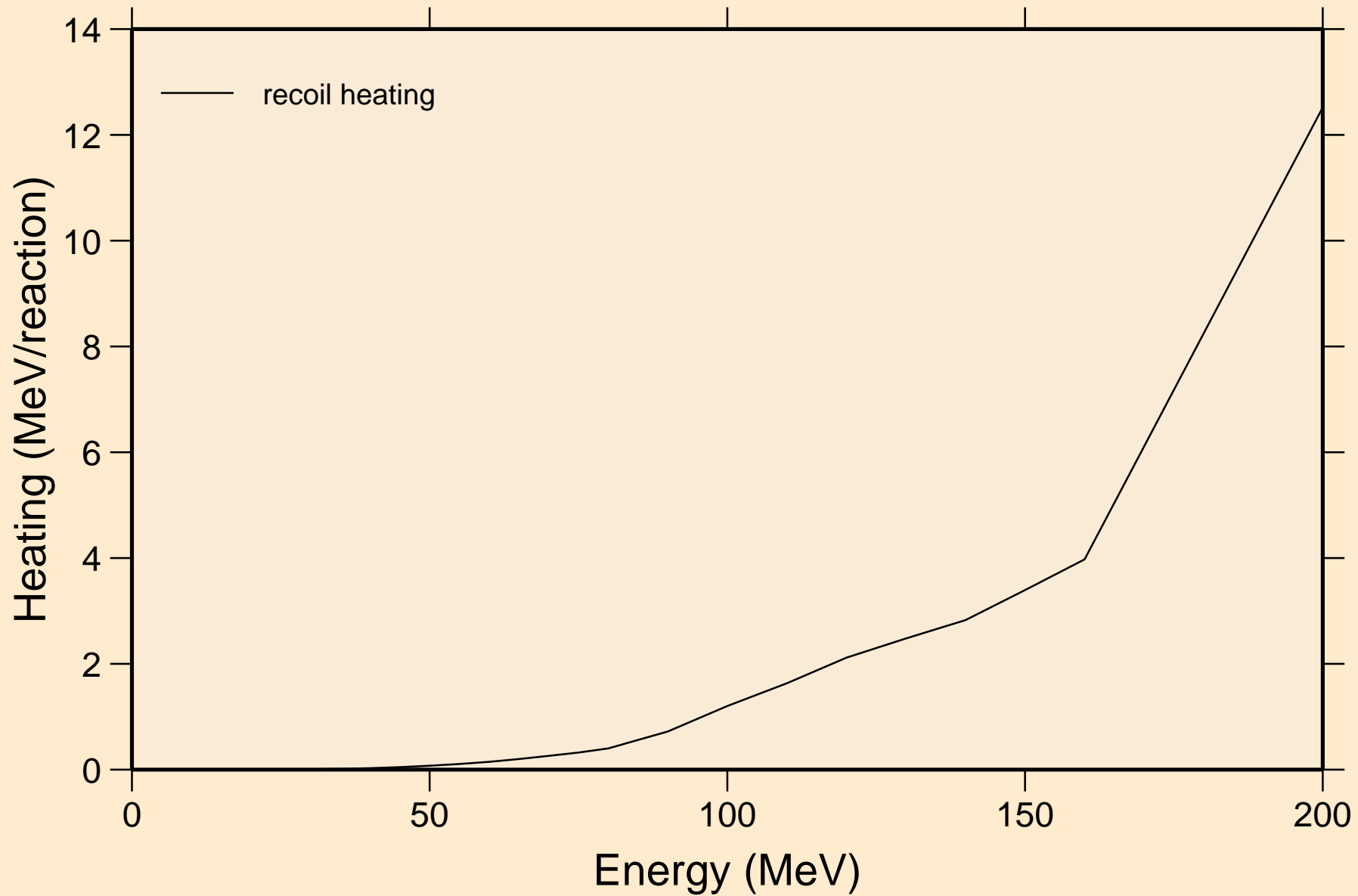
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

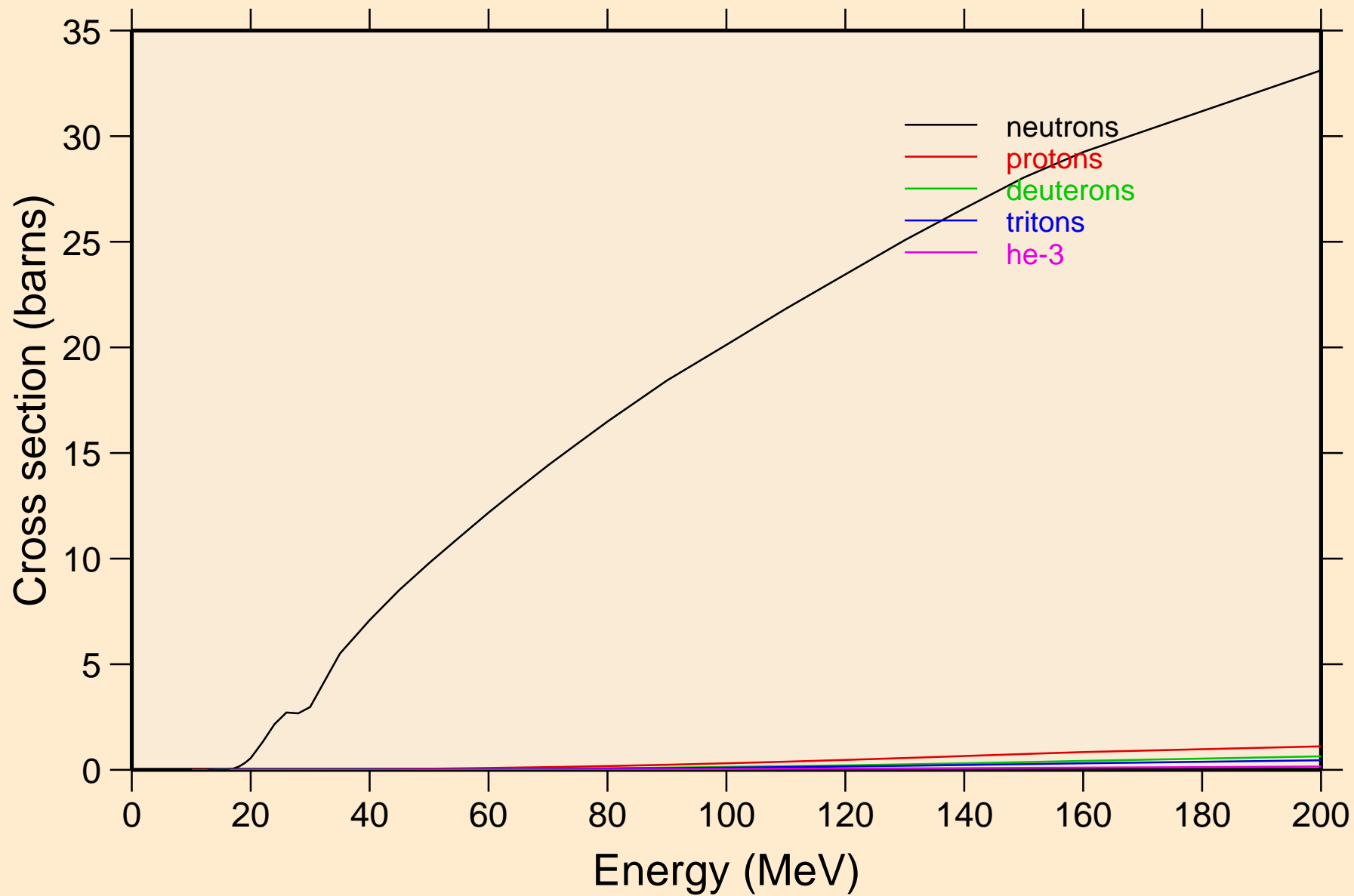


YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

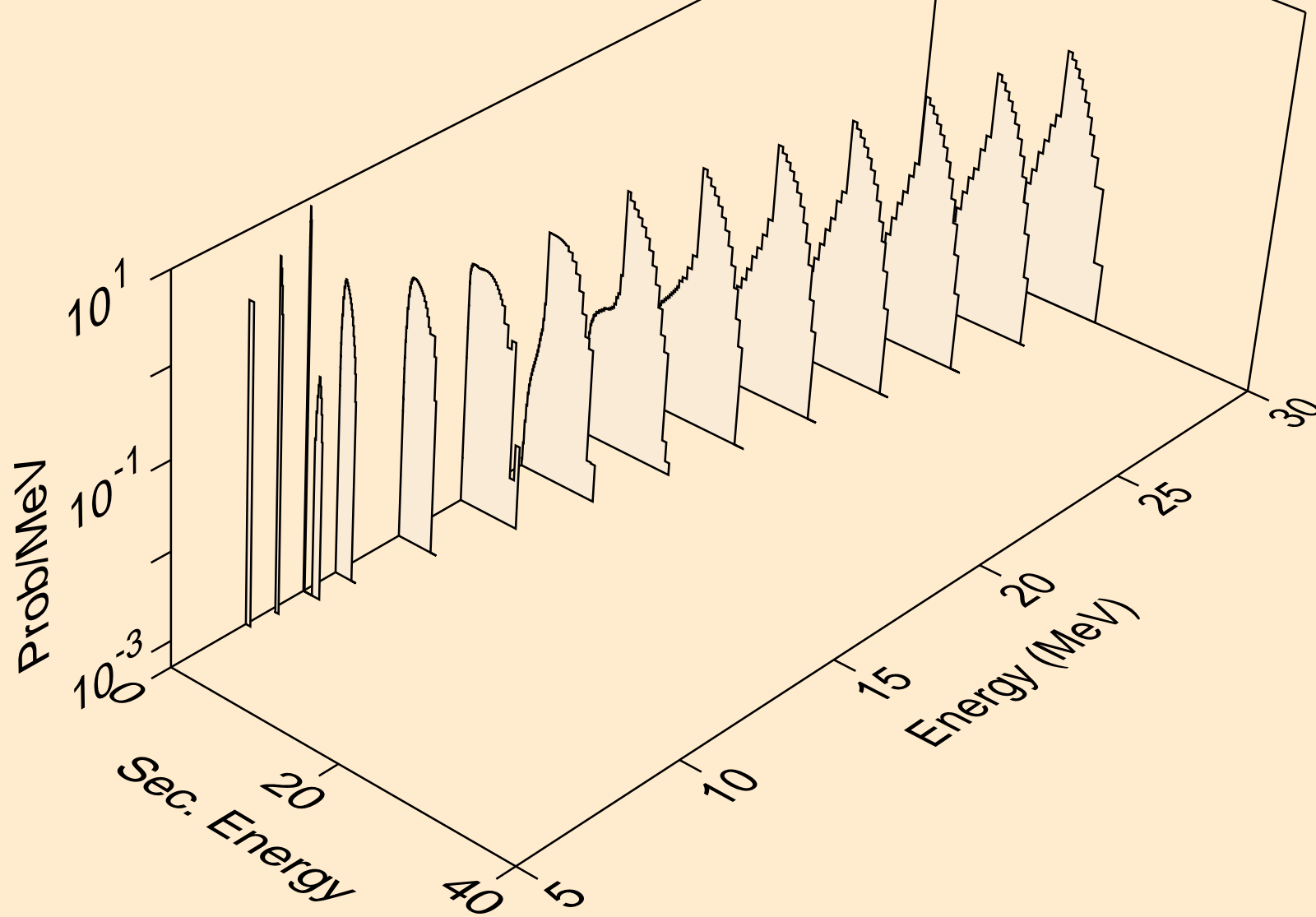




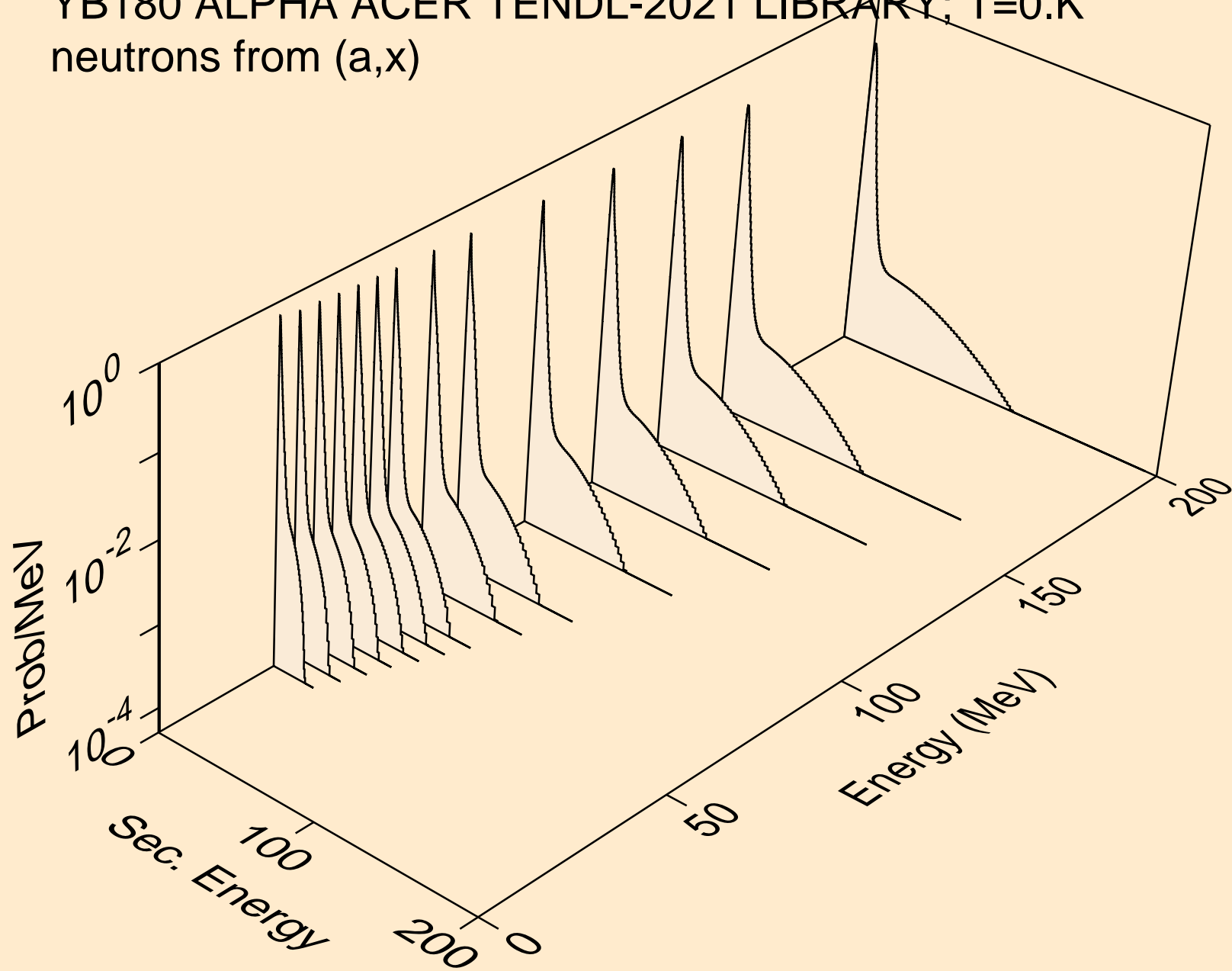
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



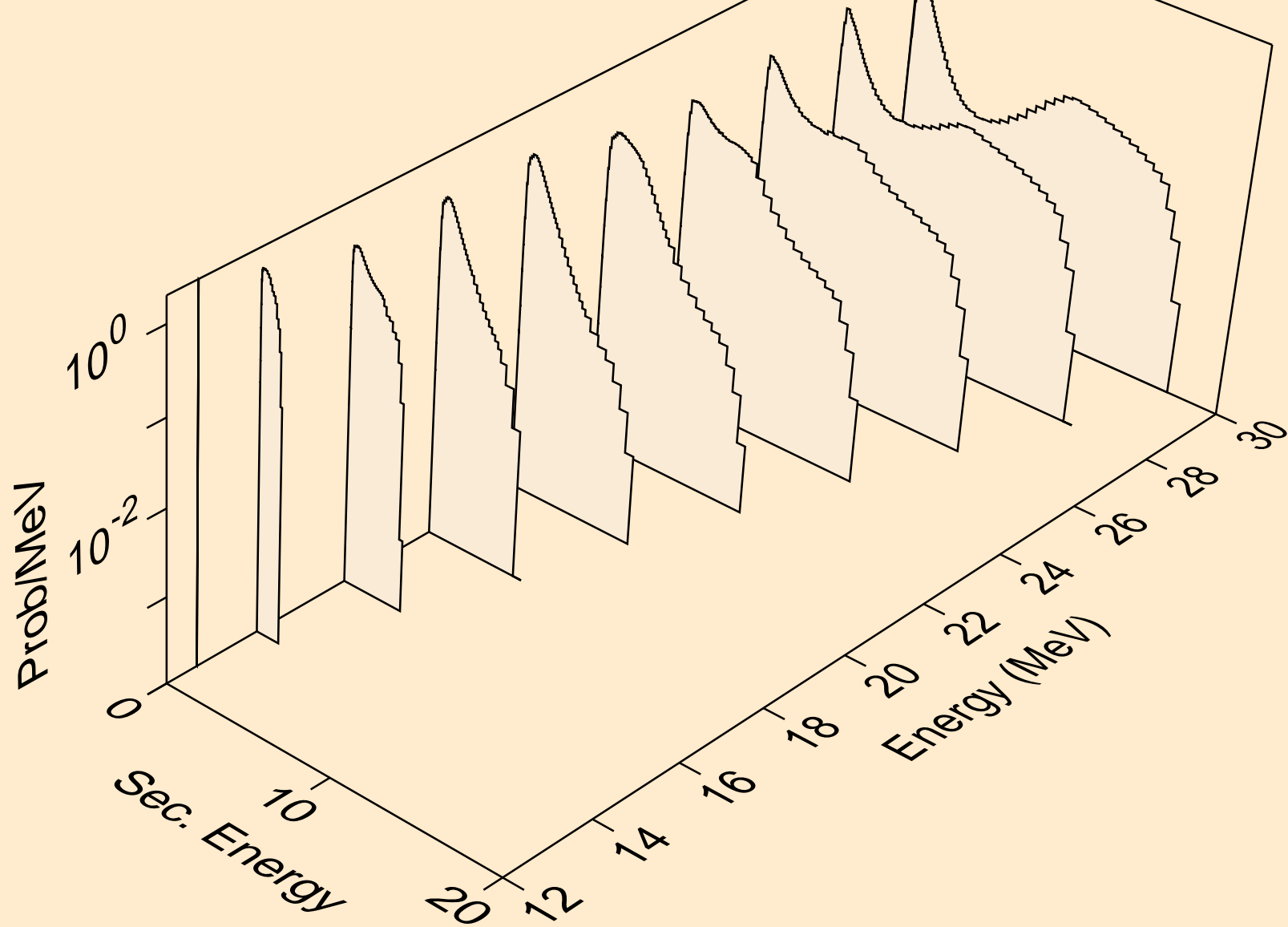
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



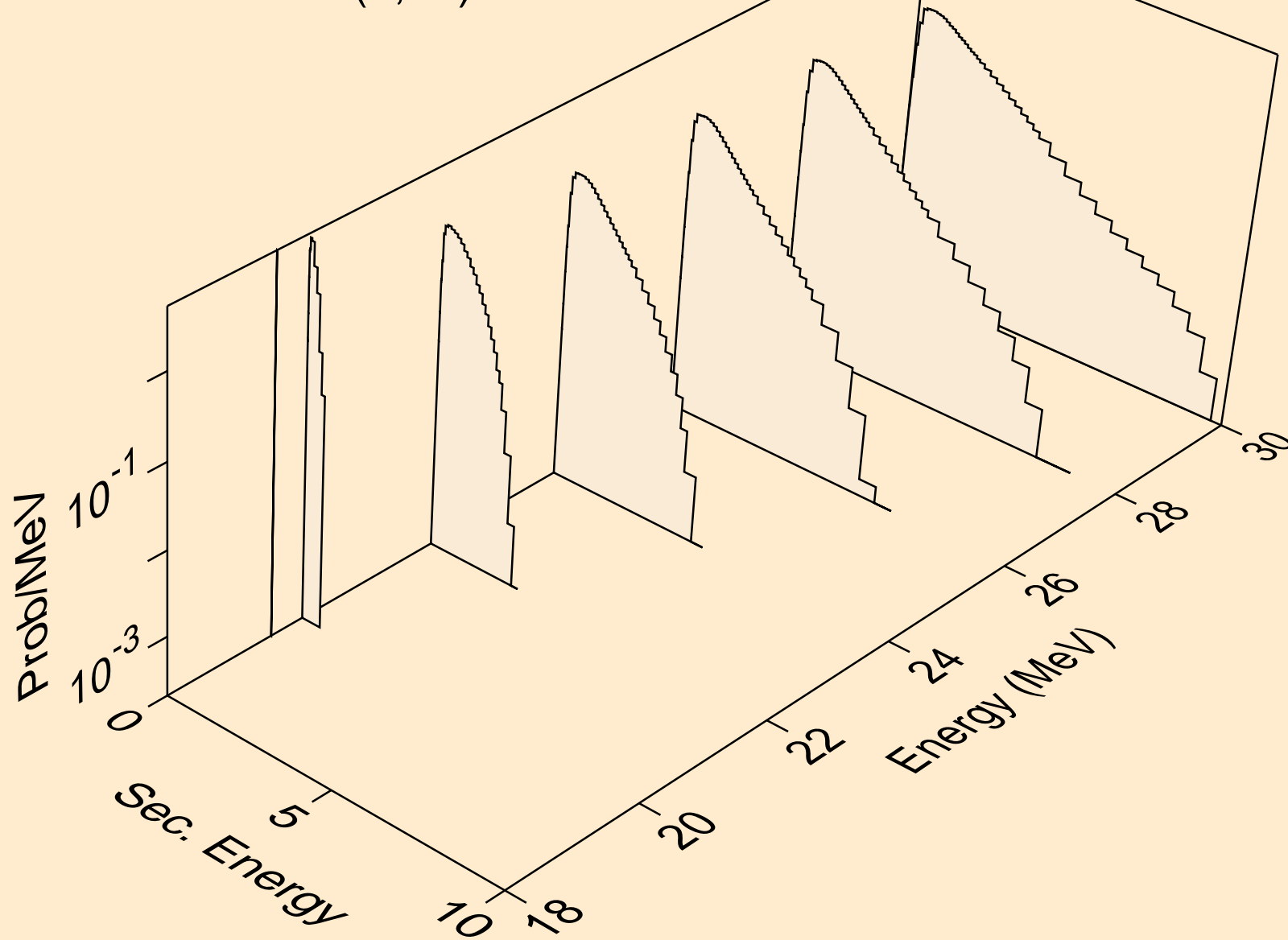
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neutrons from (a,x)



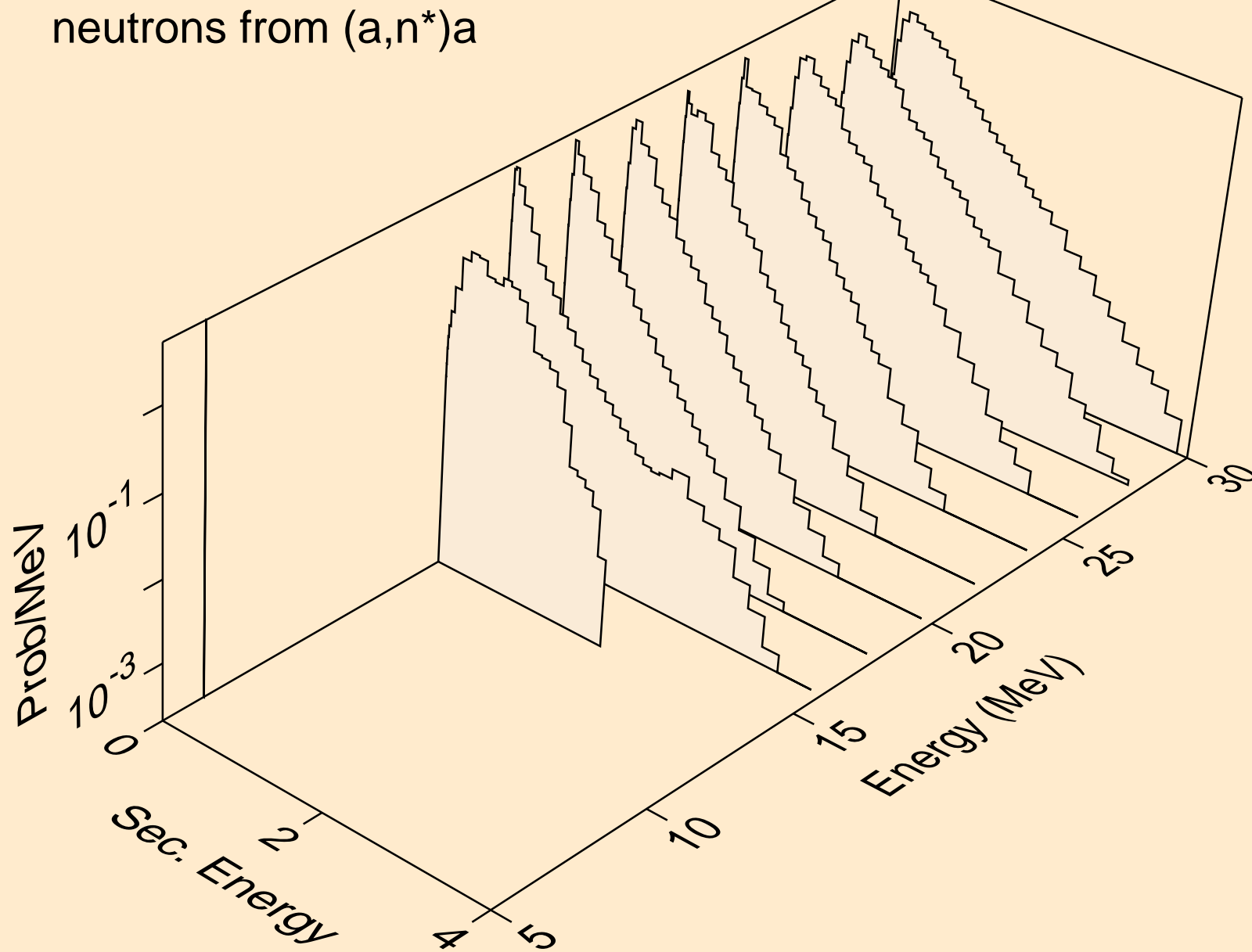
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neutrons from (a,2n)



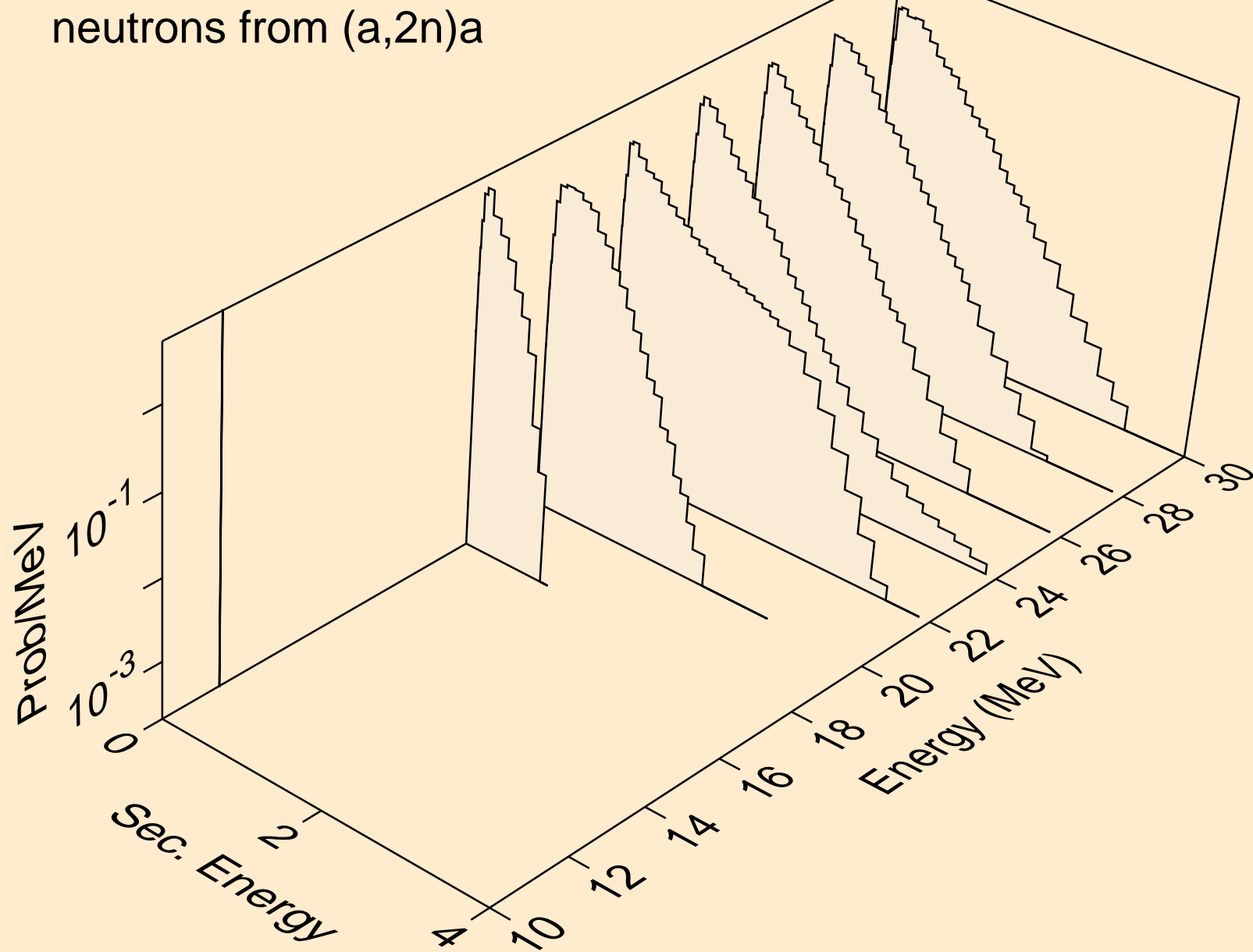
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



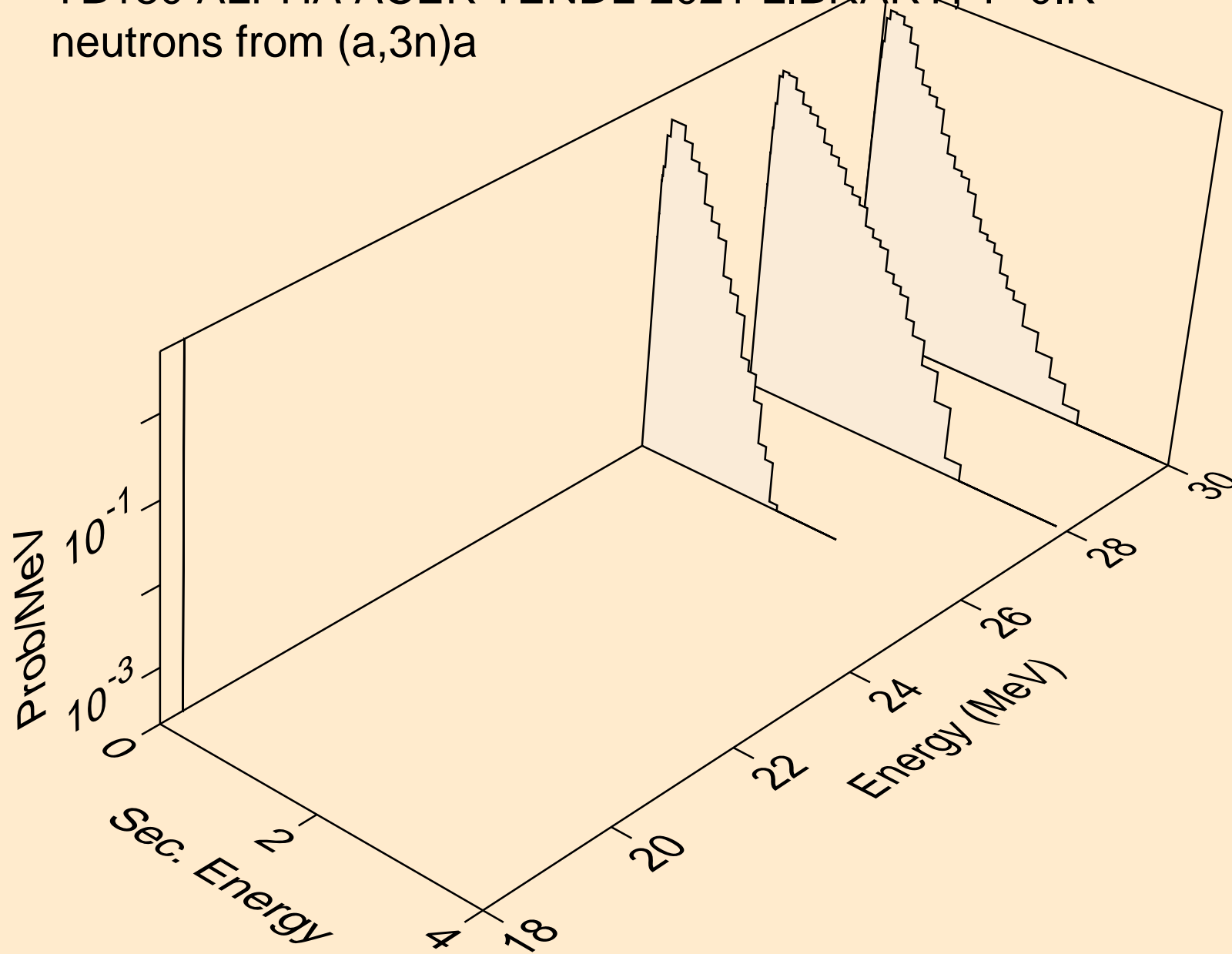
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a

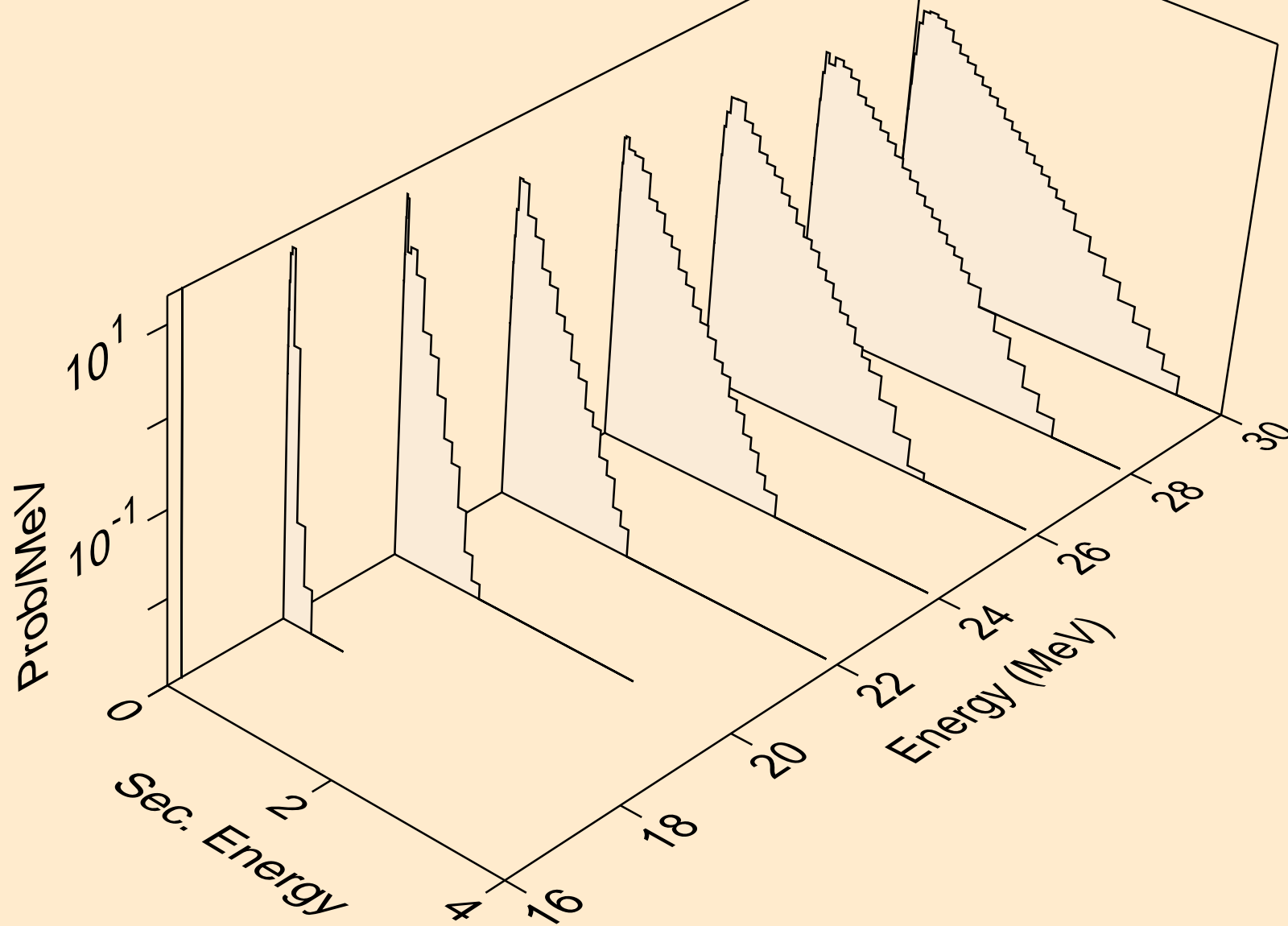


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neutrons from (a,3n)a

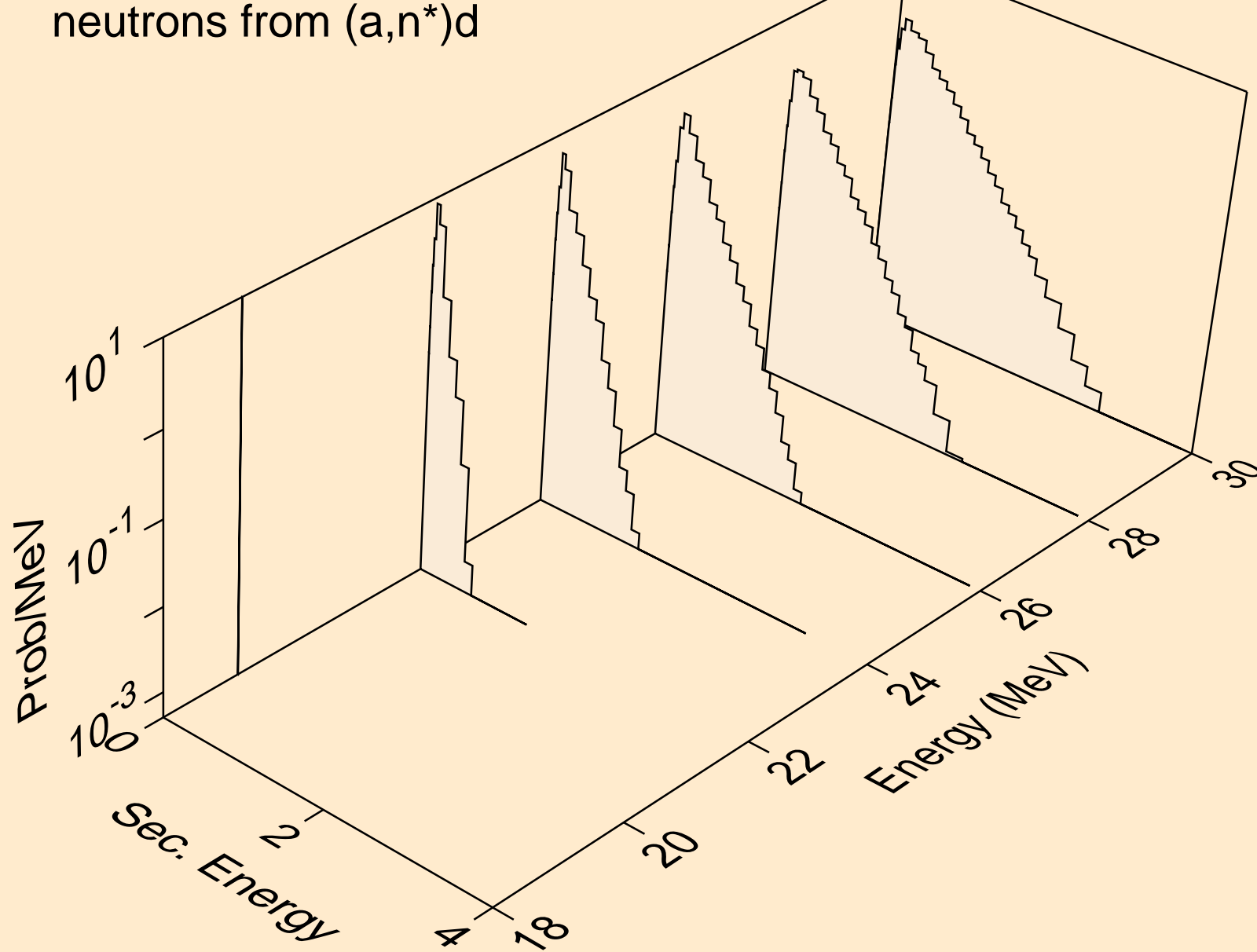




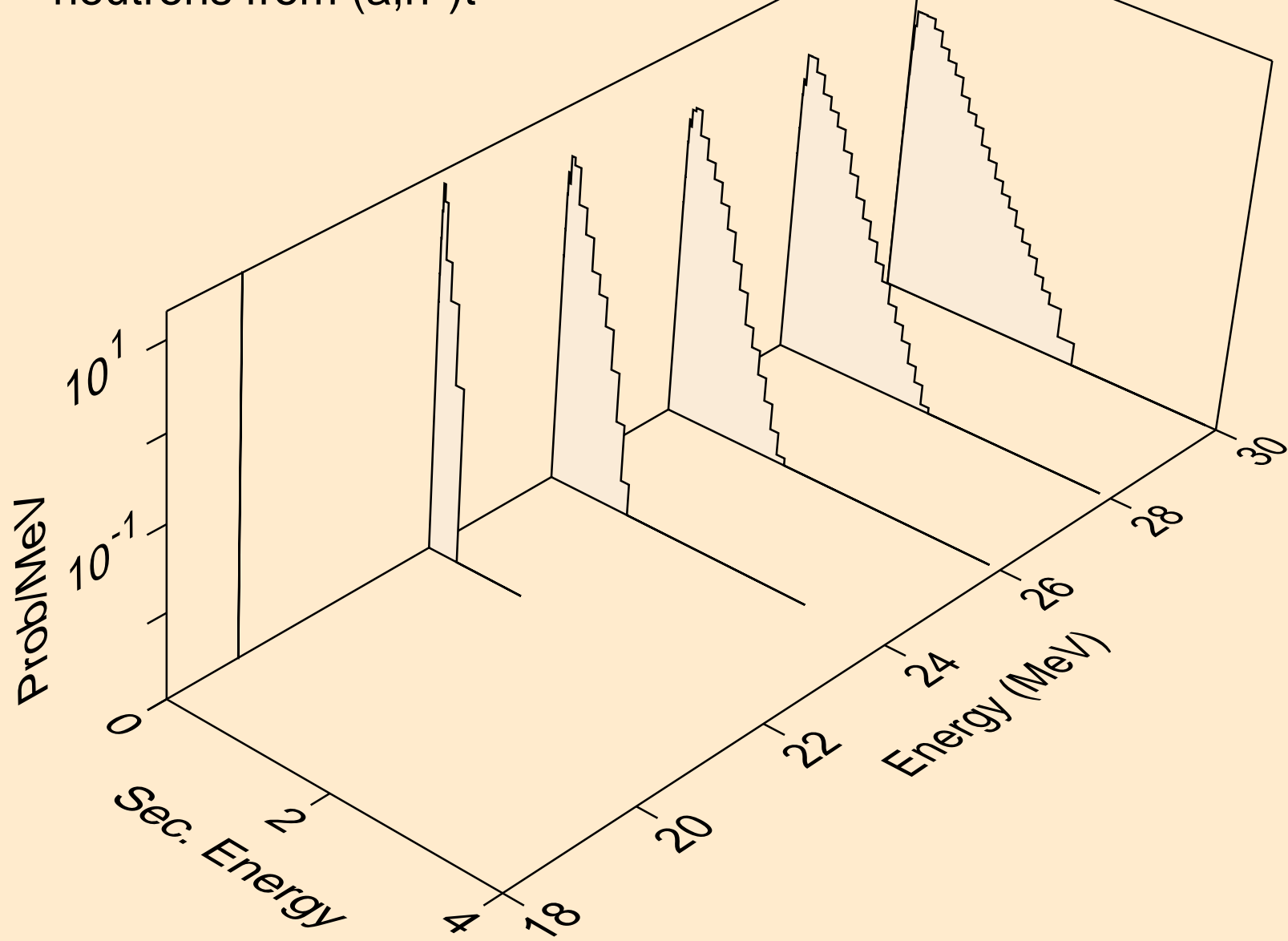
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



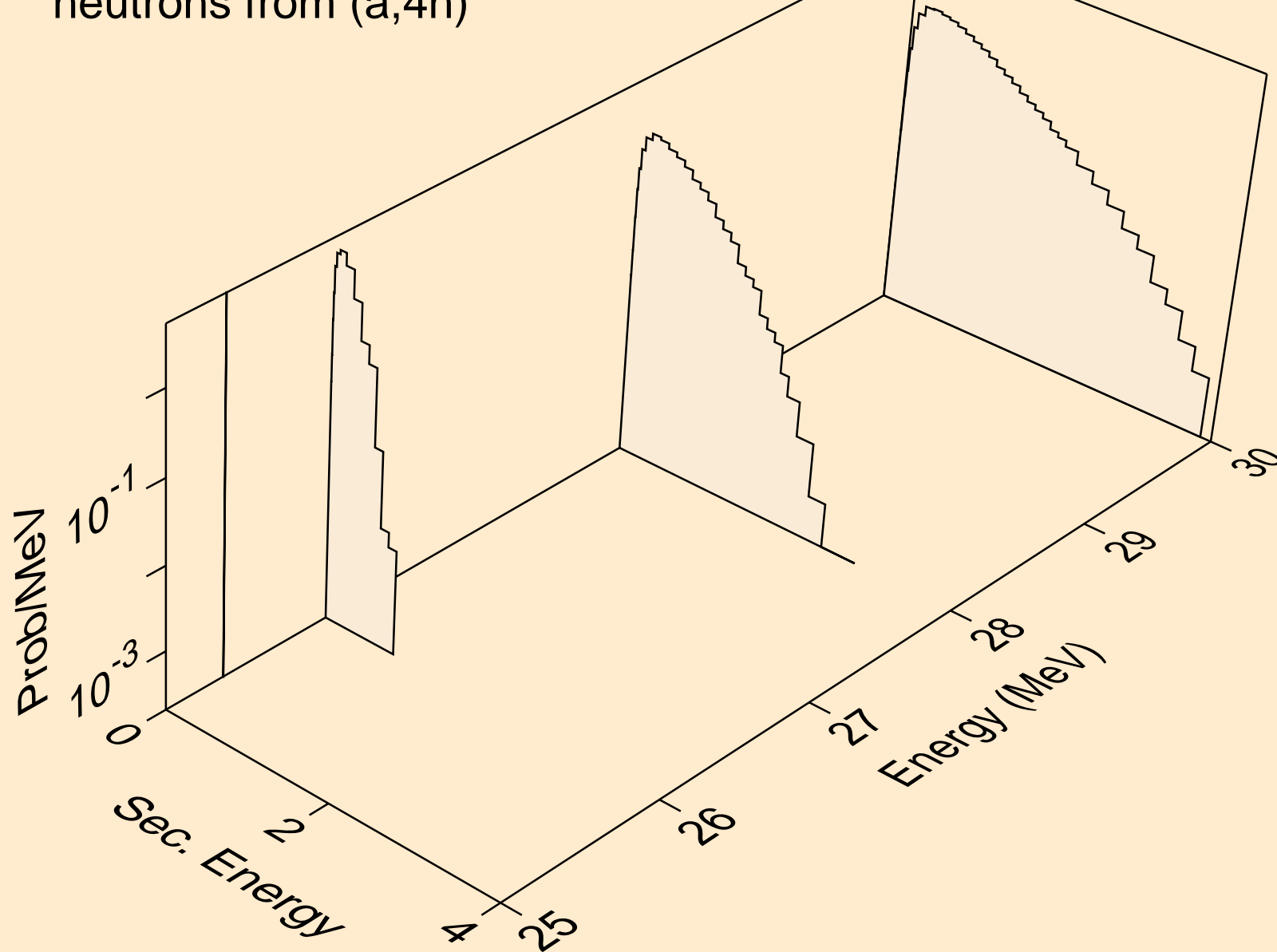
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



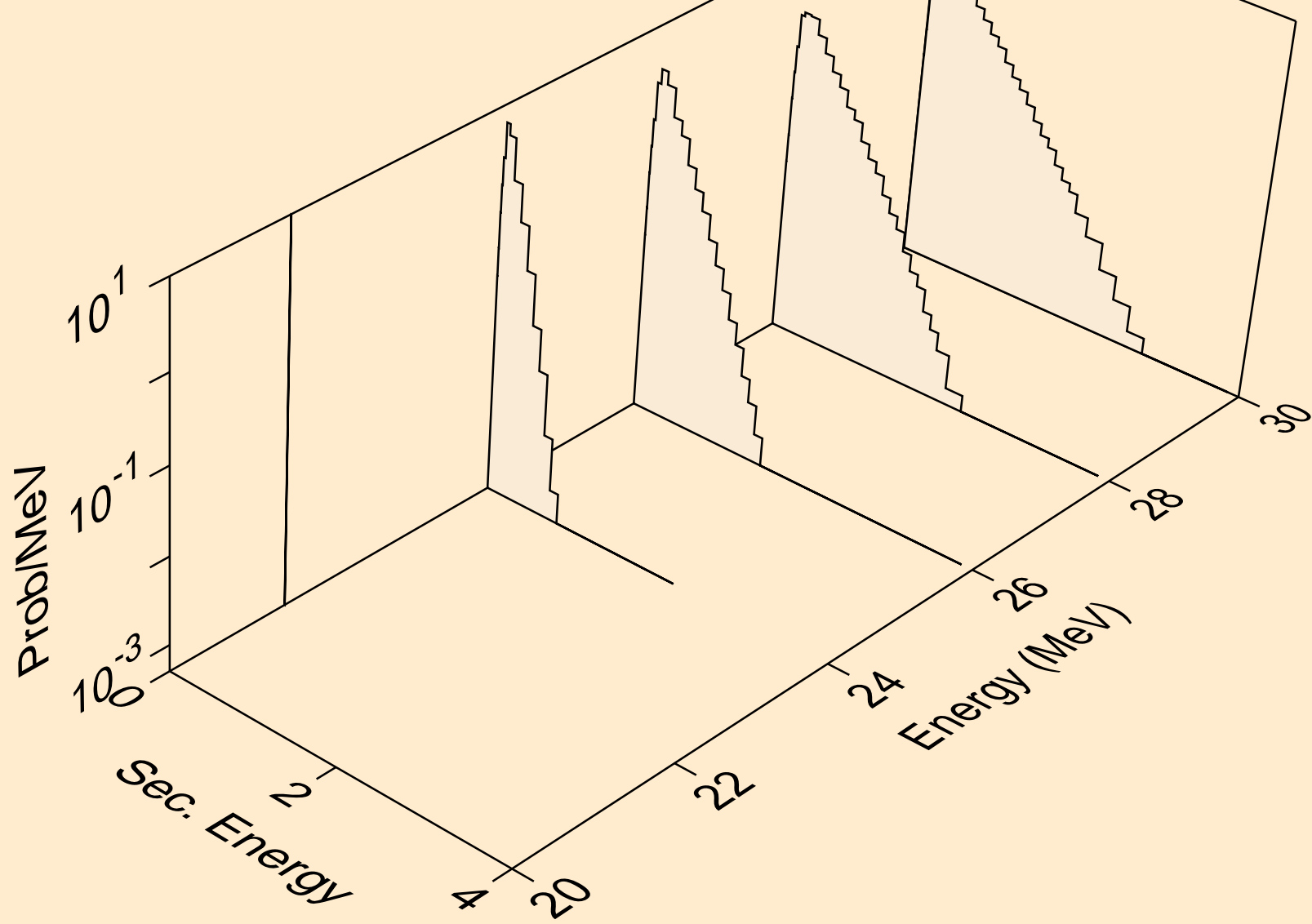
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neutrons from (a,n\*)t



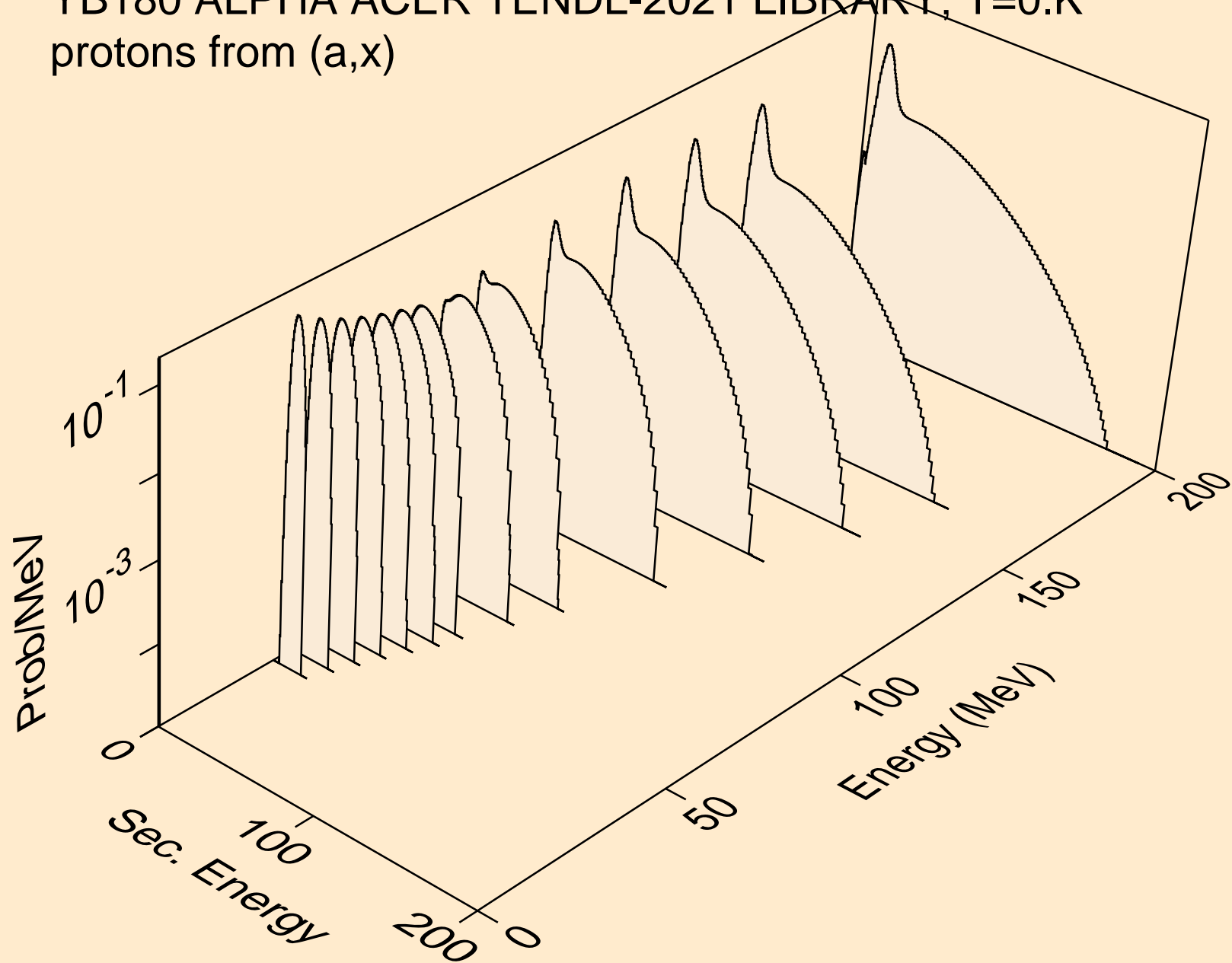
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,4n)



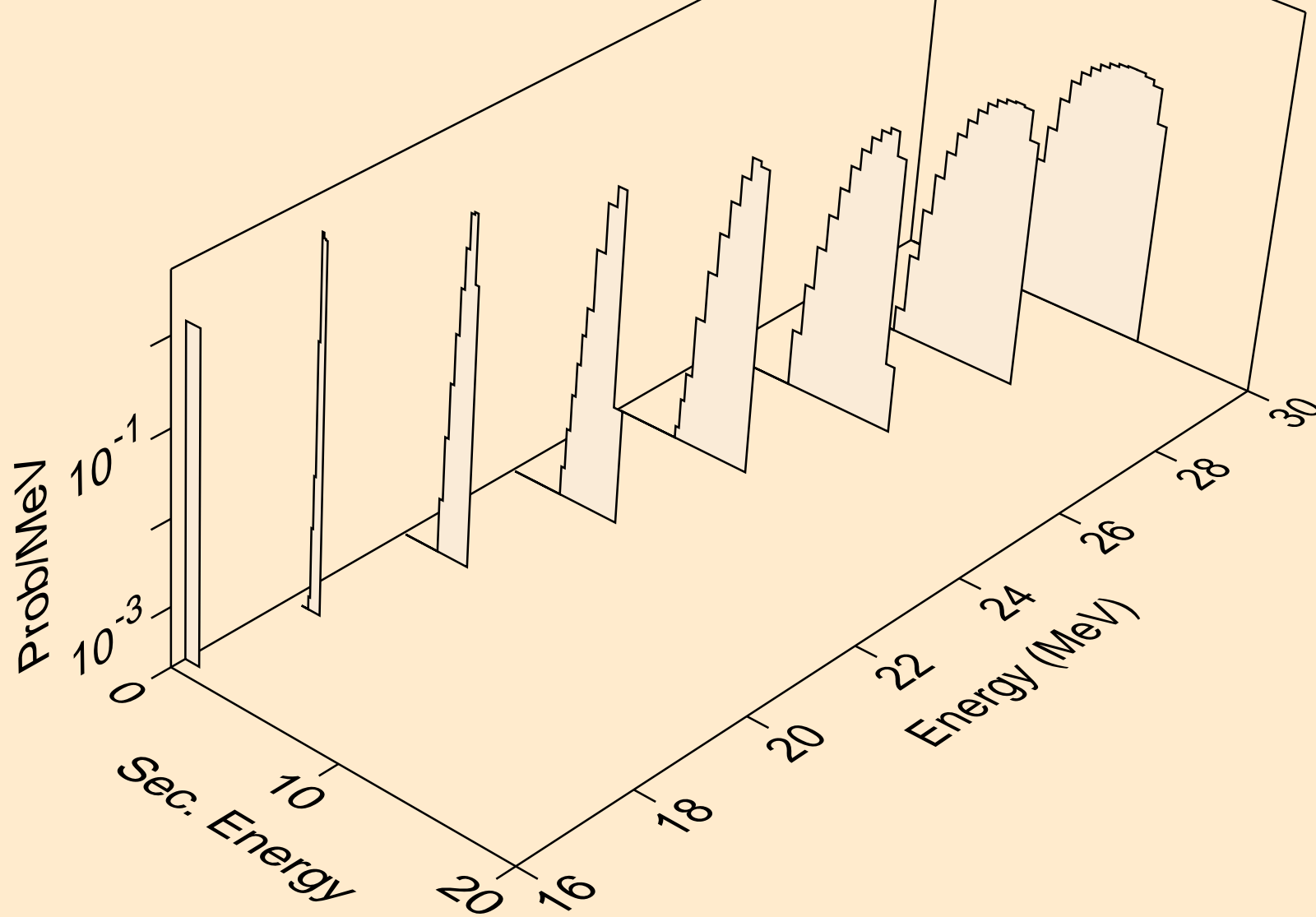
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neutrons from (a,2np)



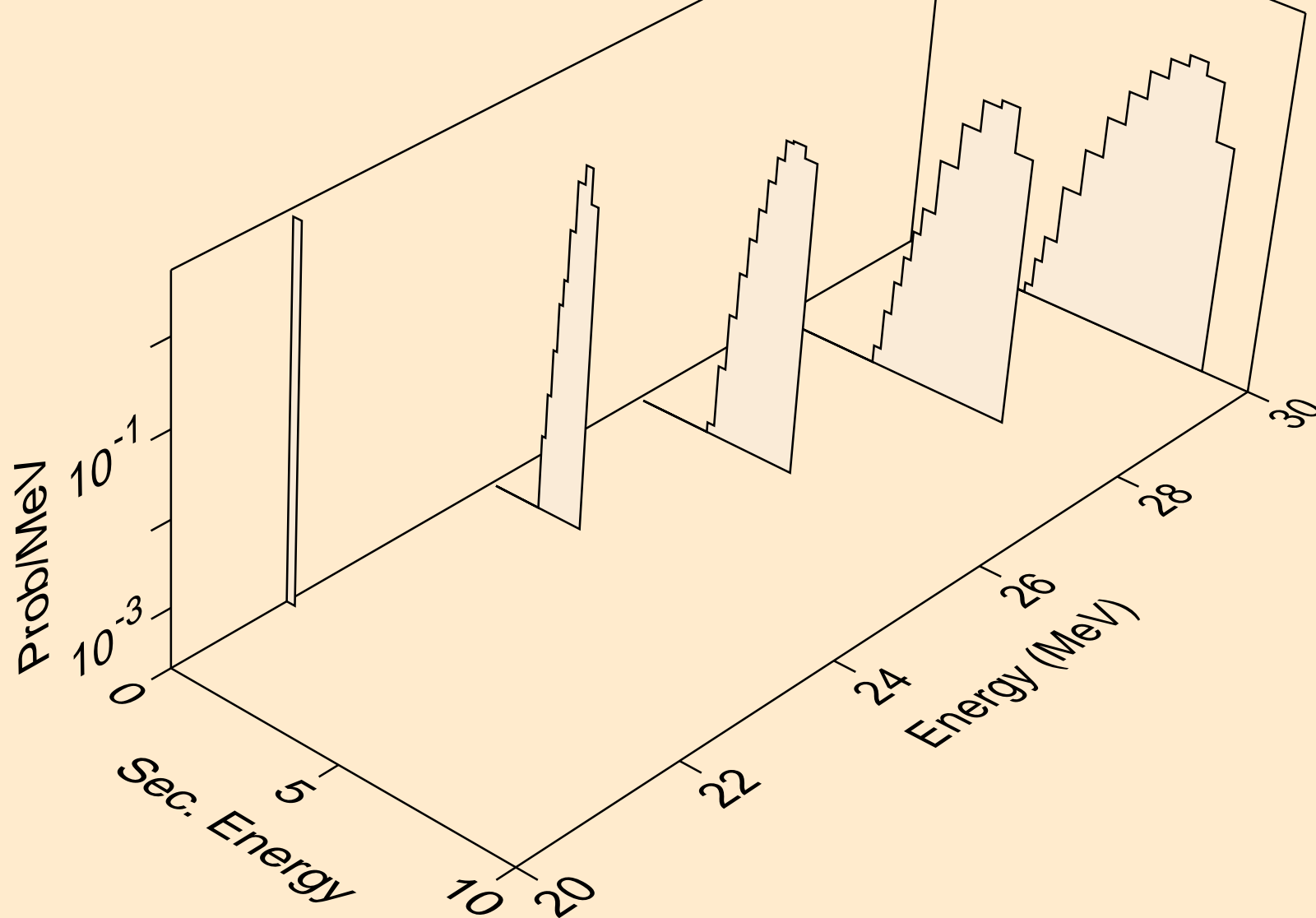
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p

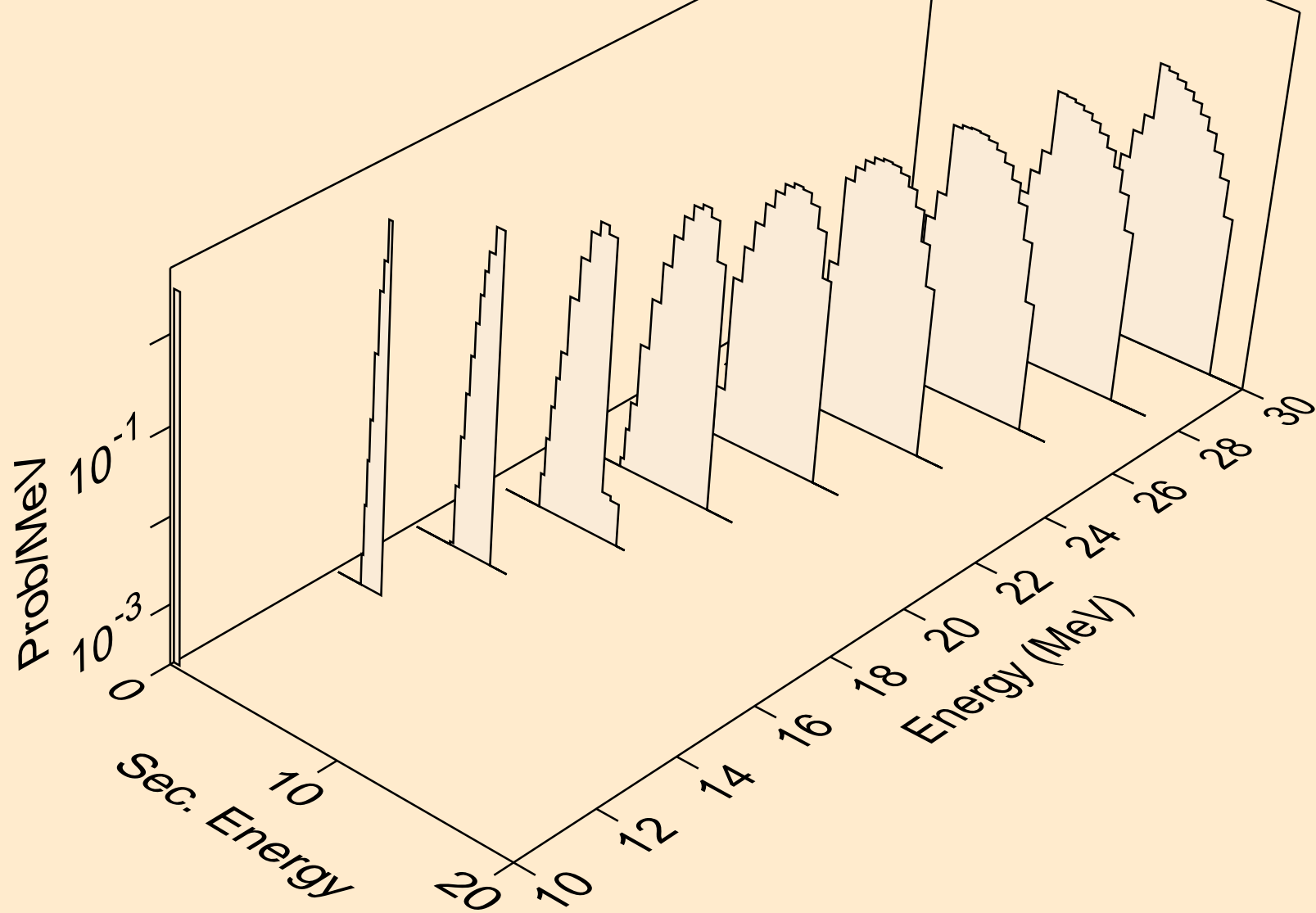


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protons from (a,2np)

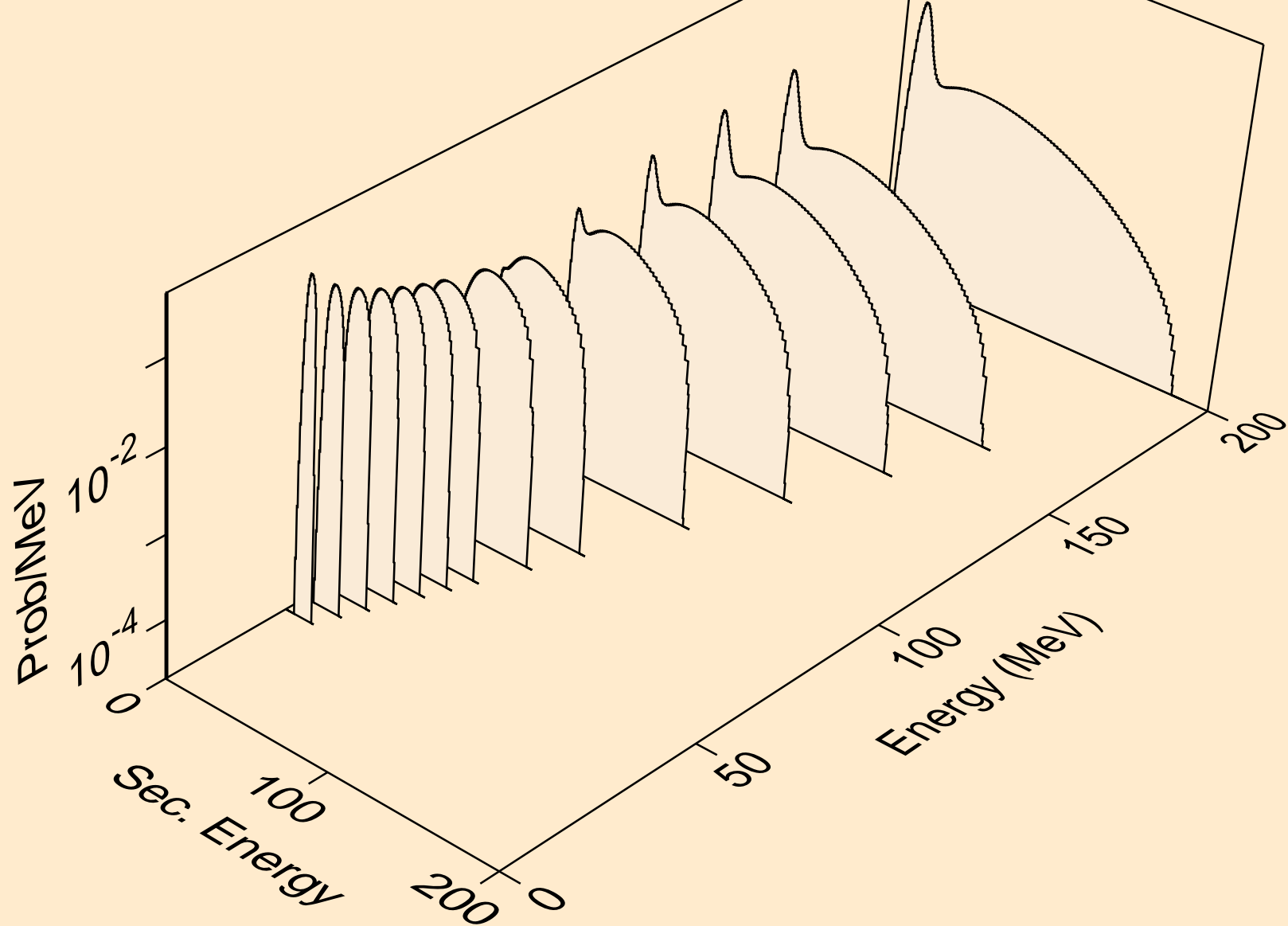




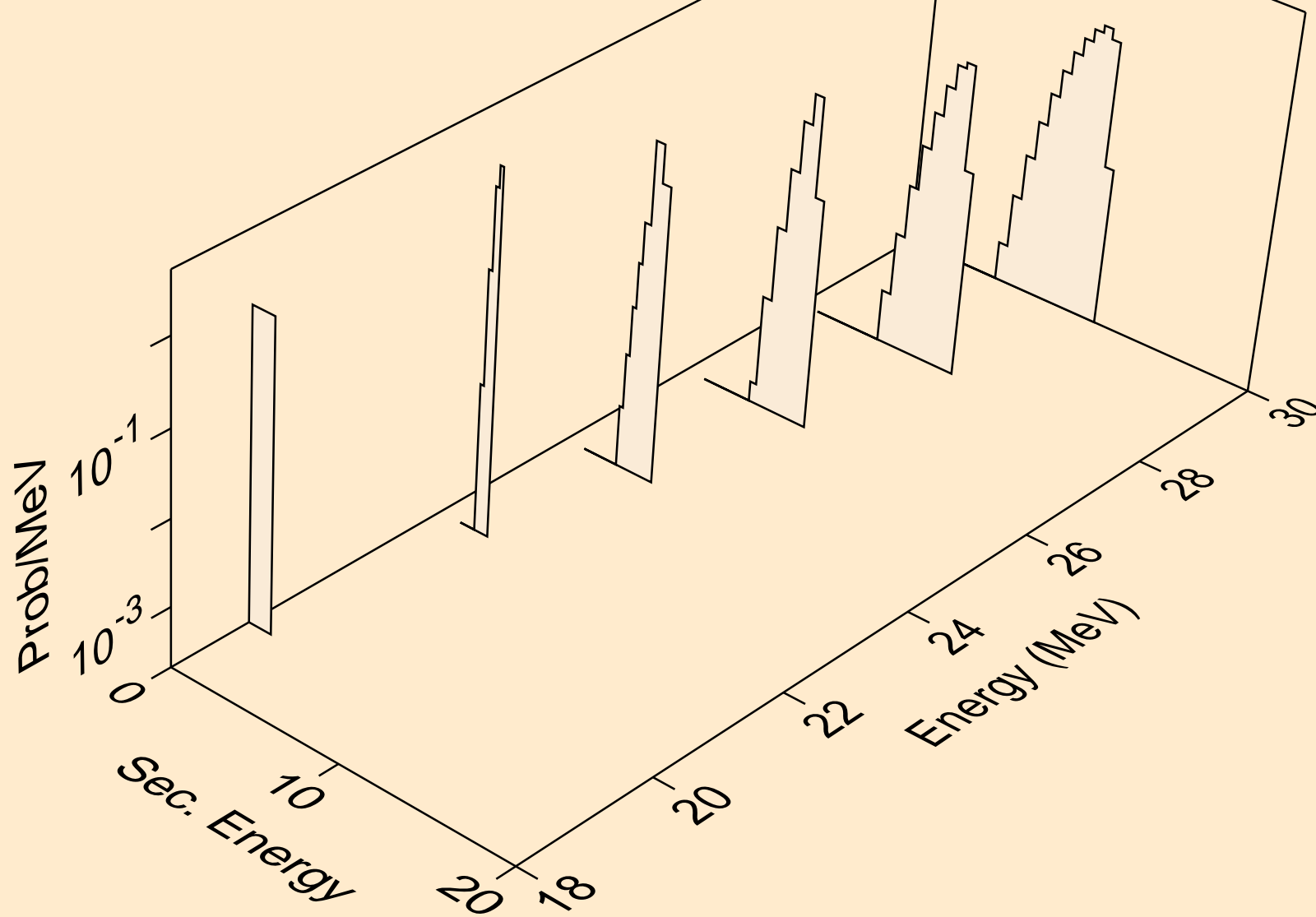
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



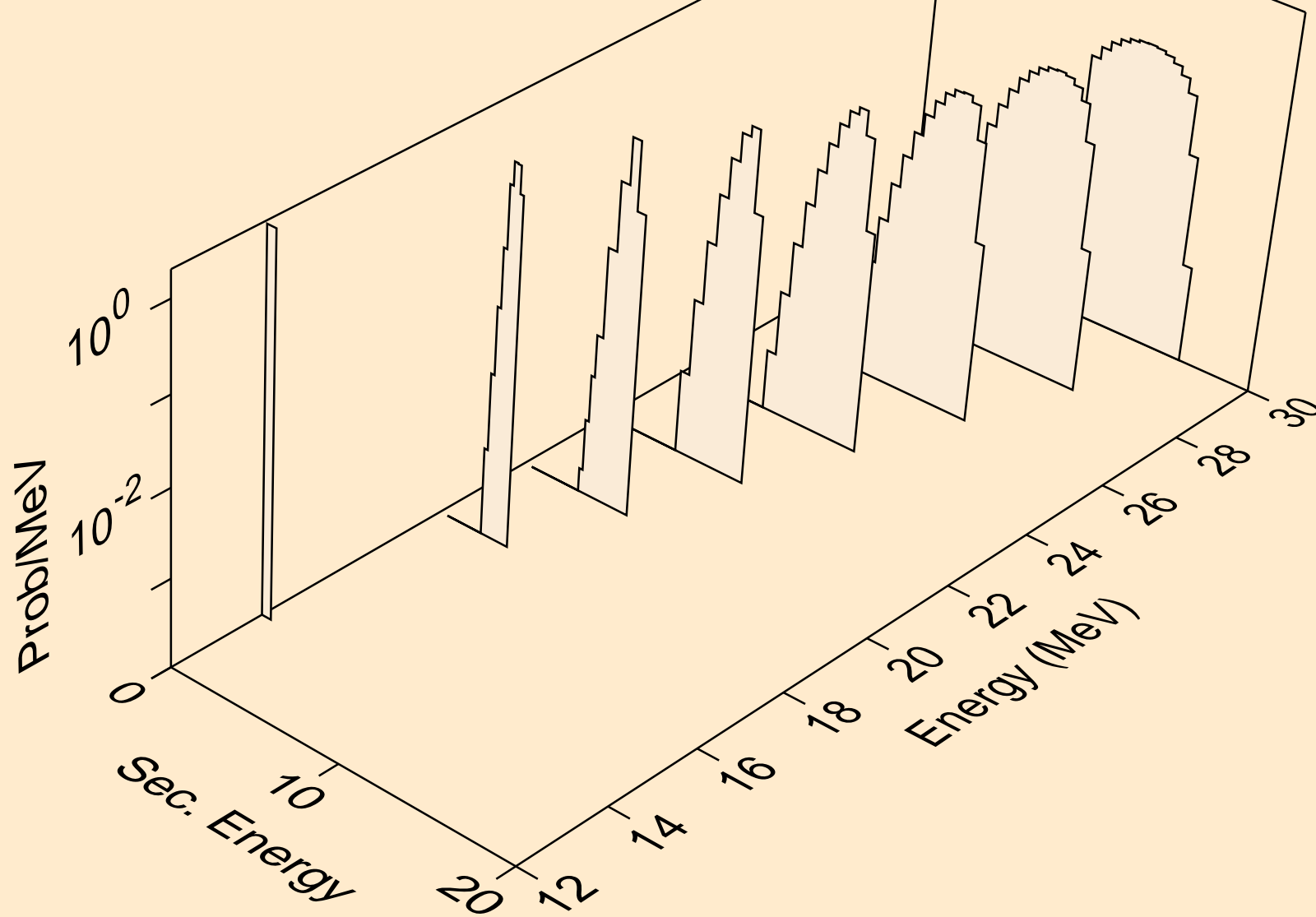
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deuterons from (a,x)



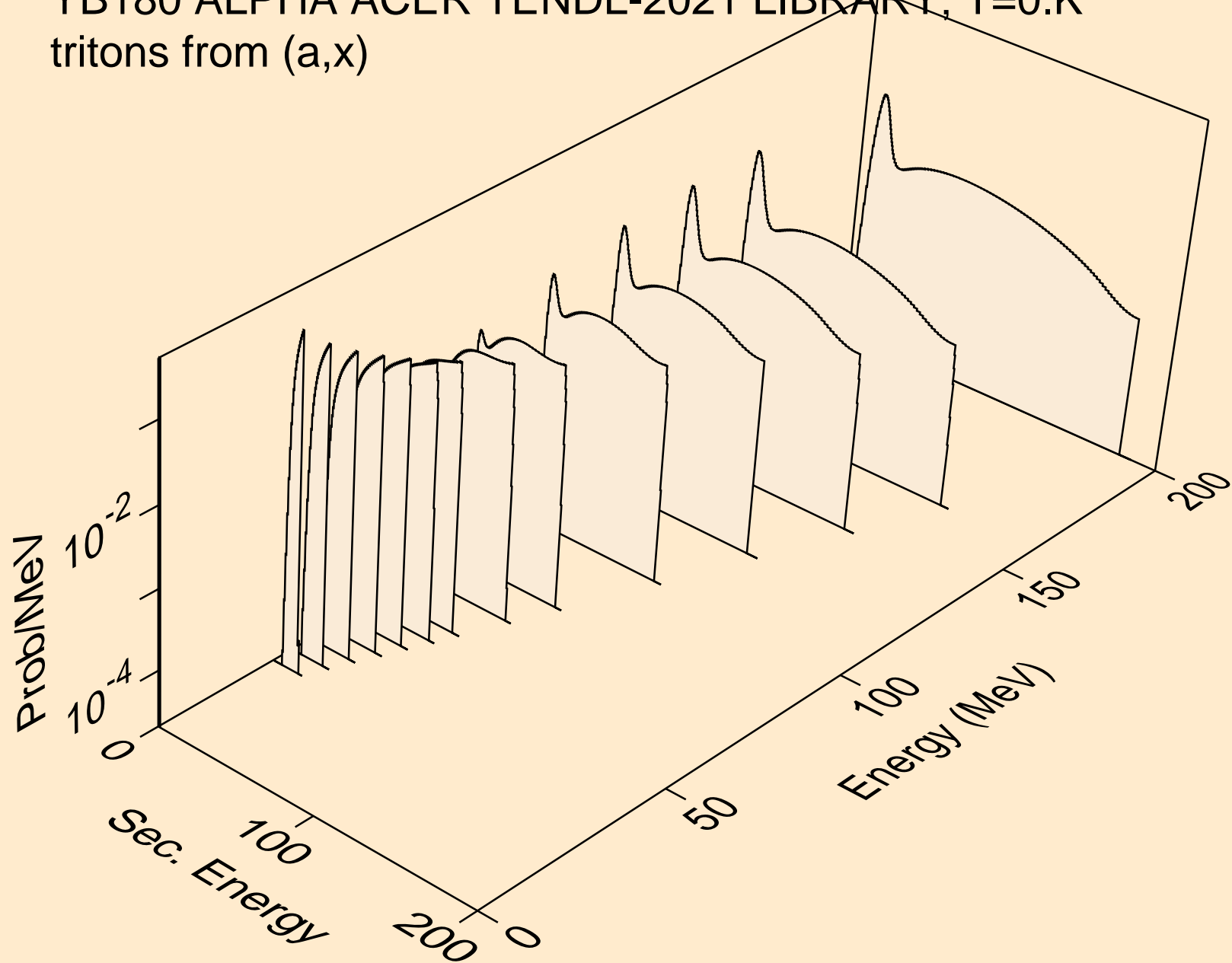
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



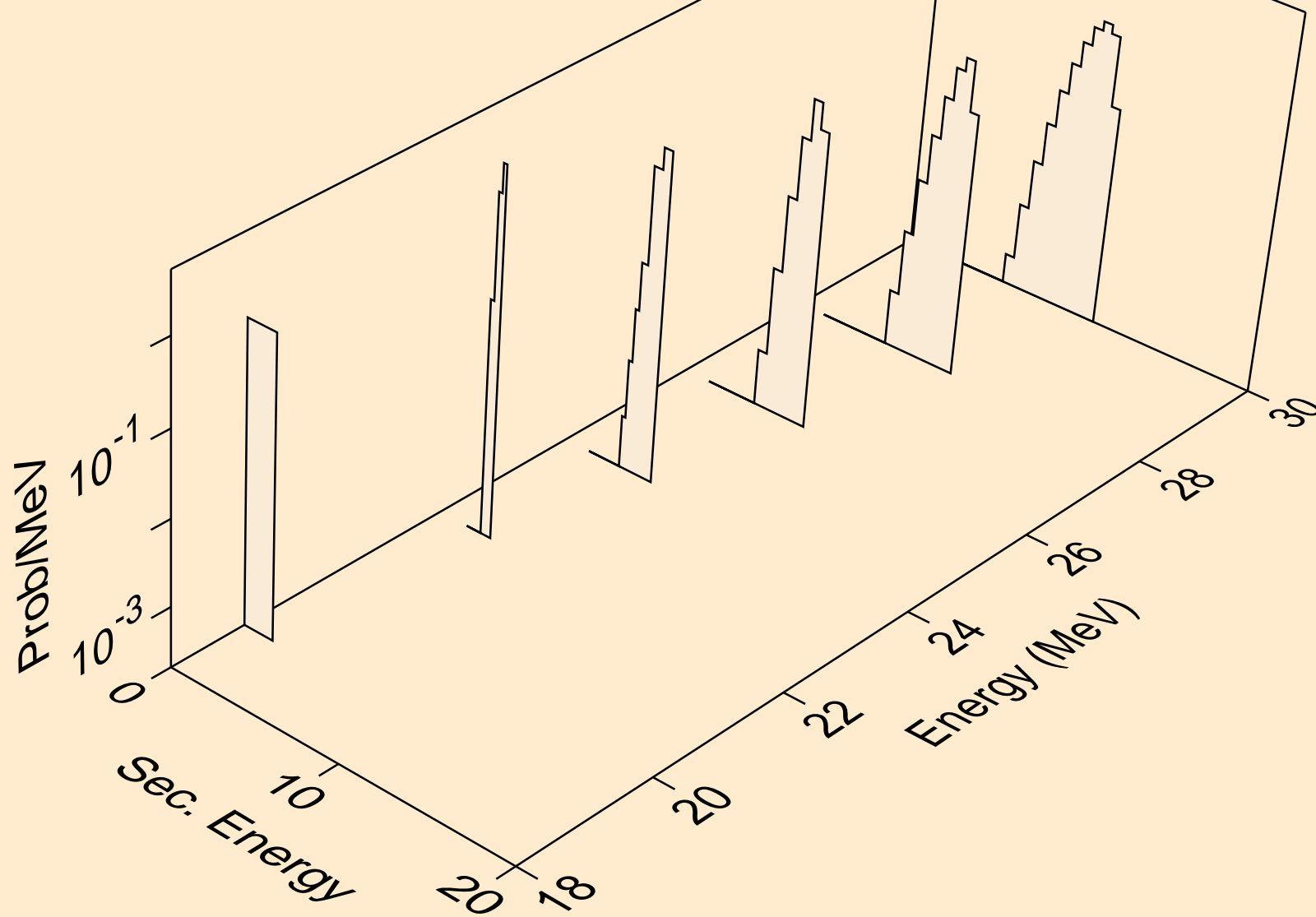
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



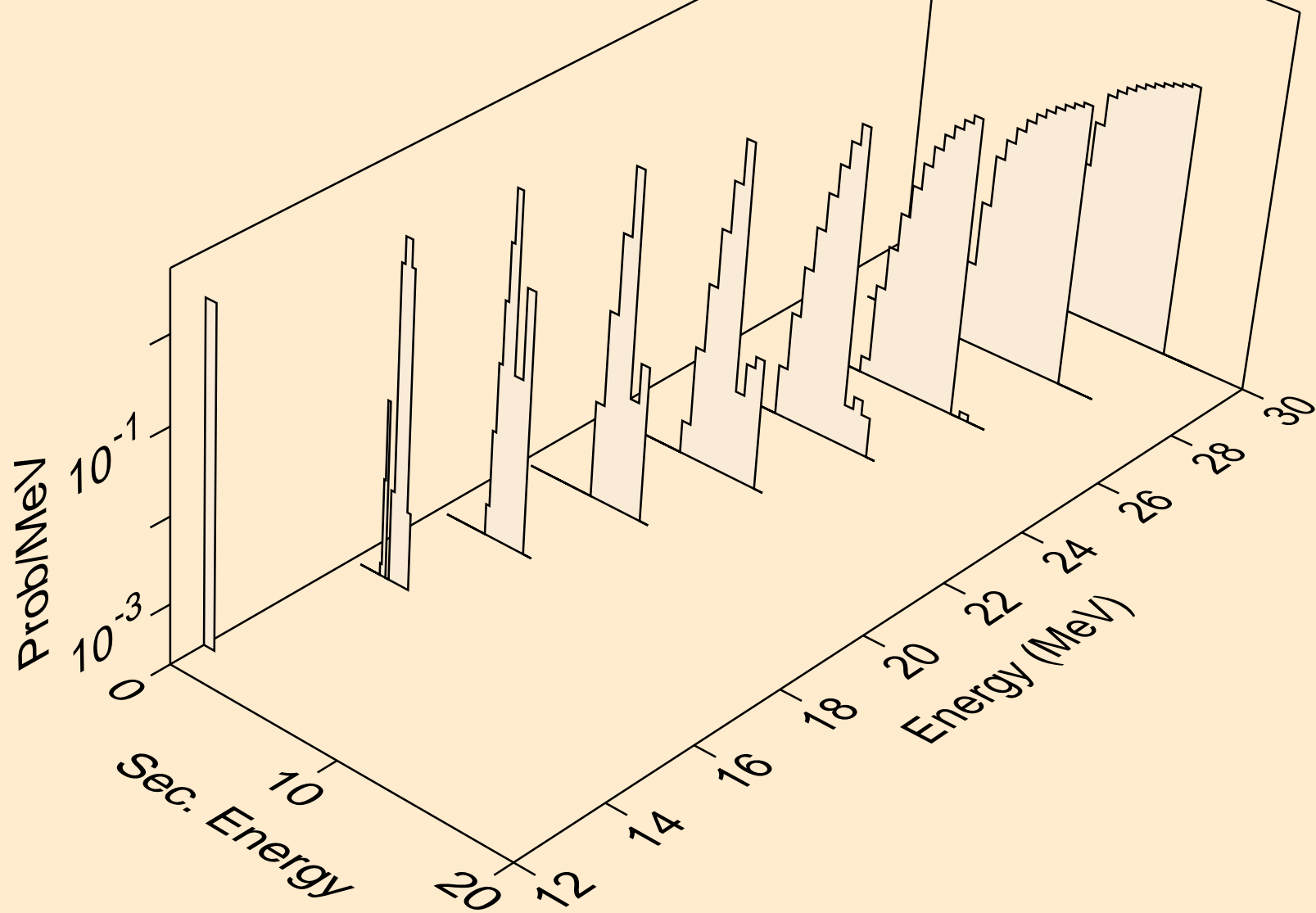
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



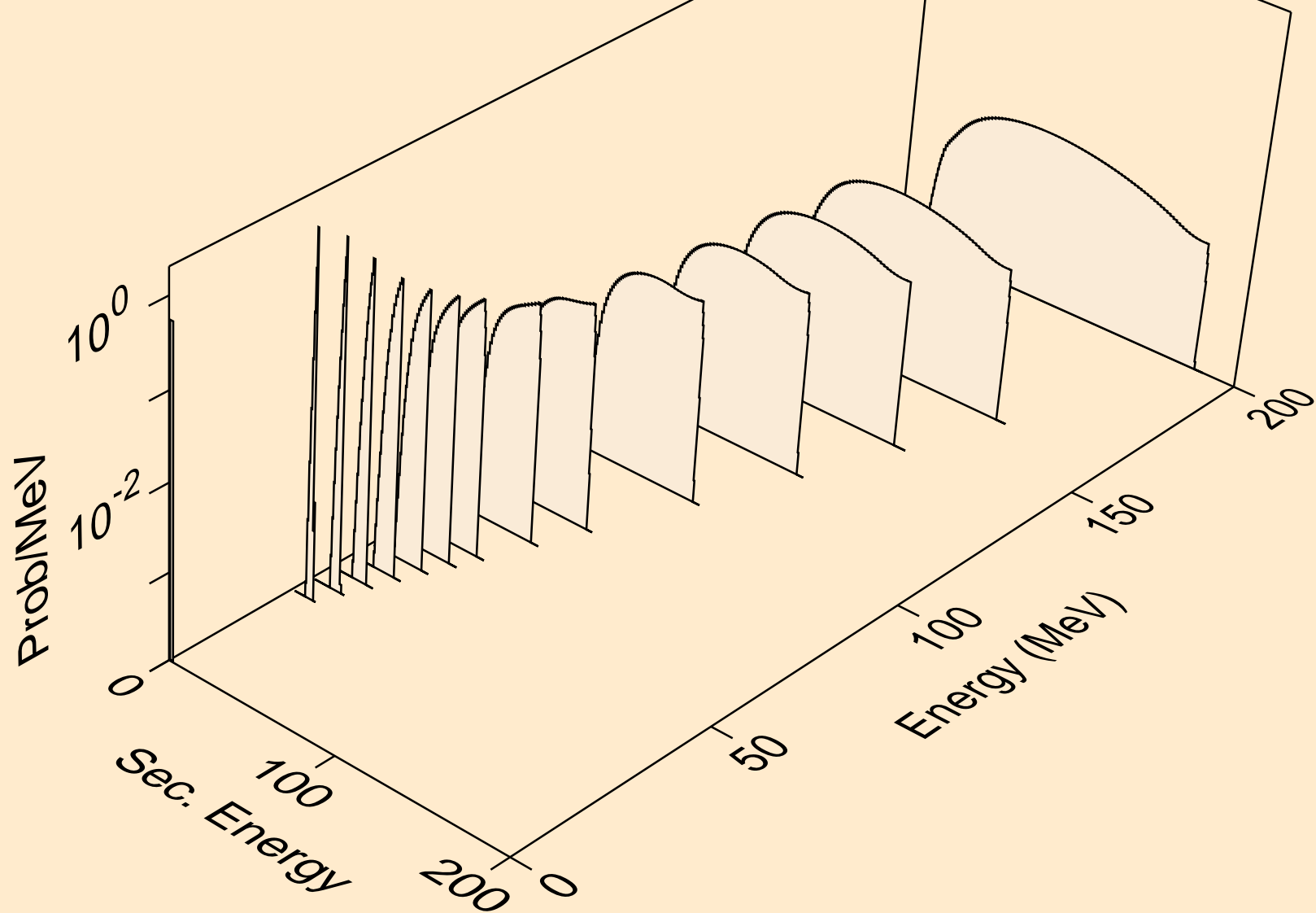
YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)





YB180 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

