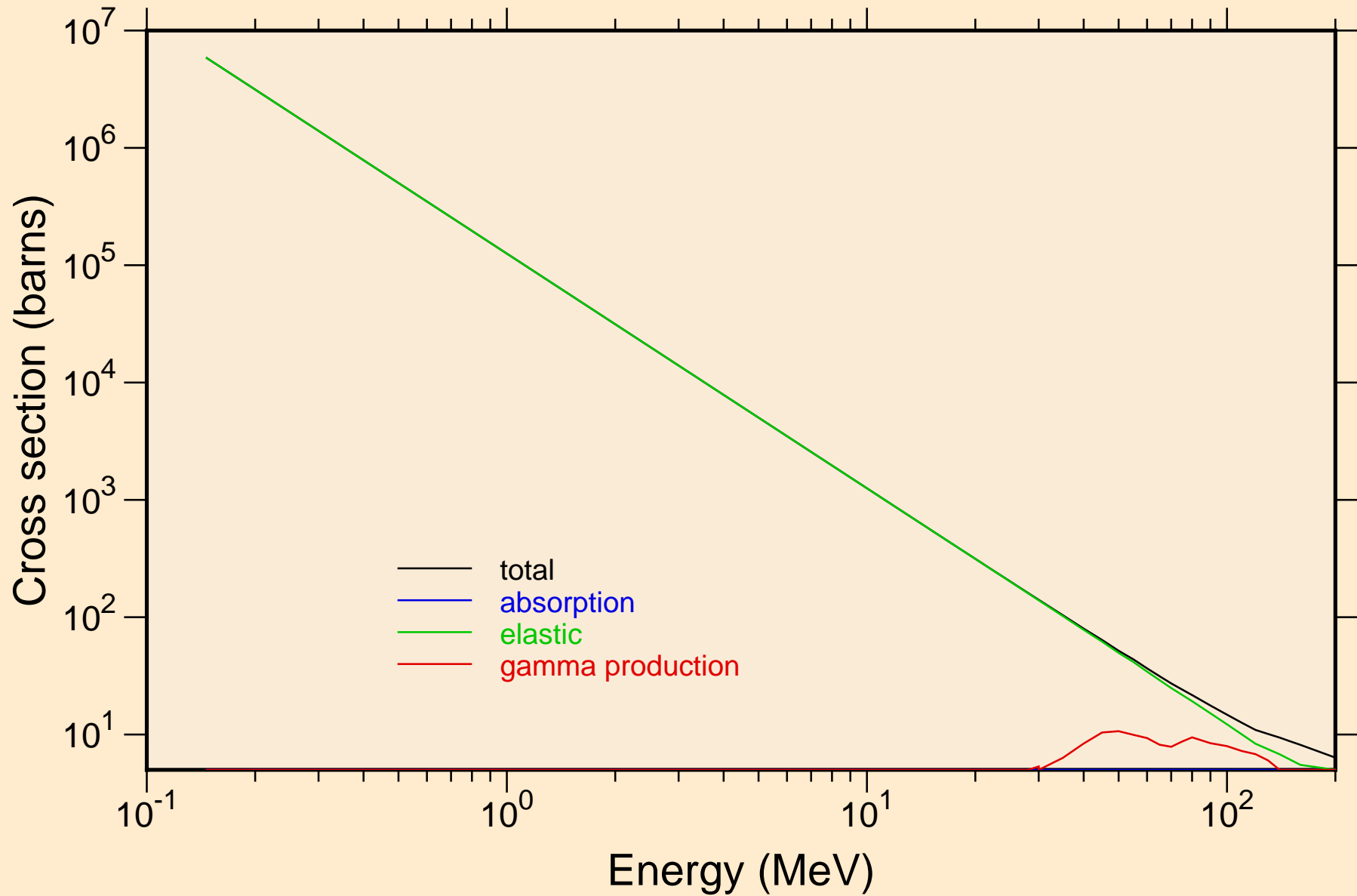


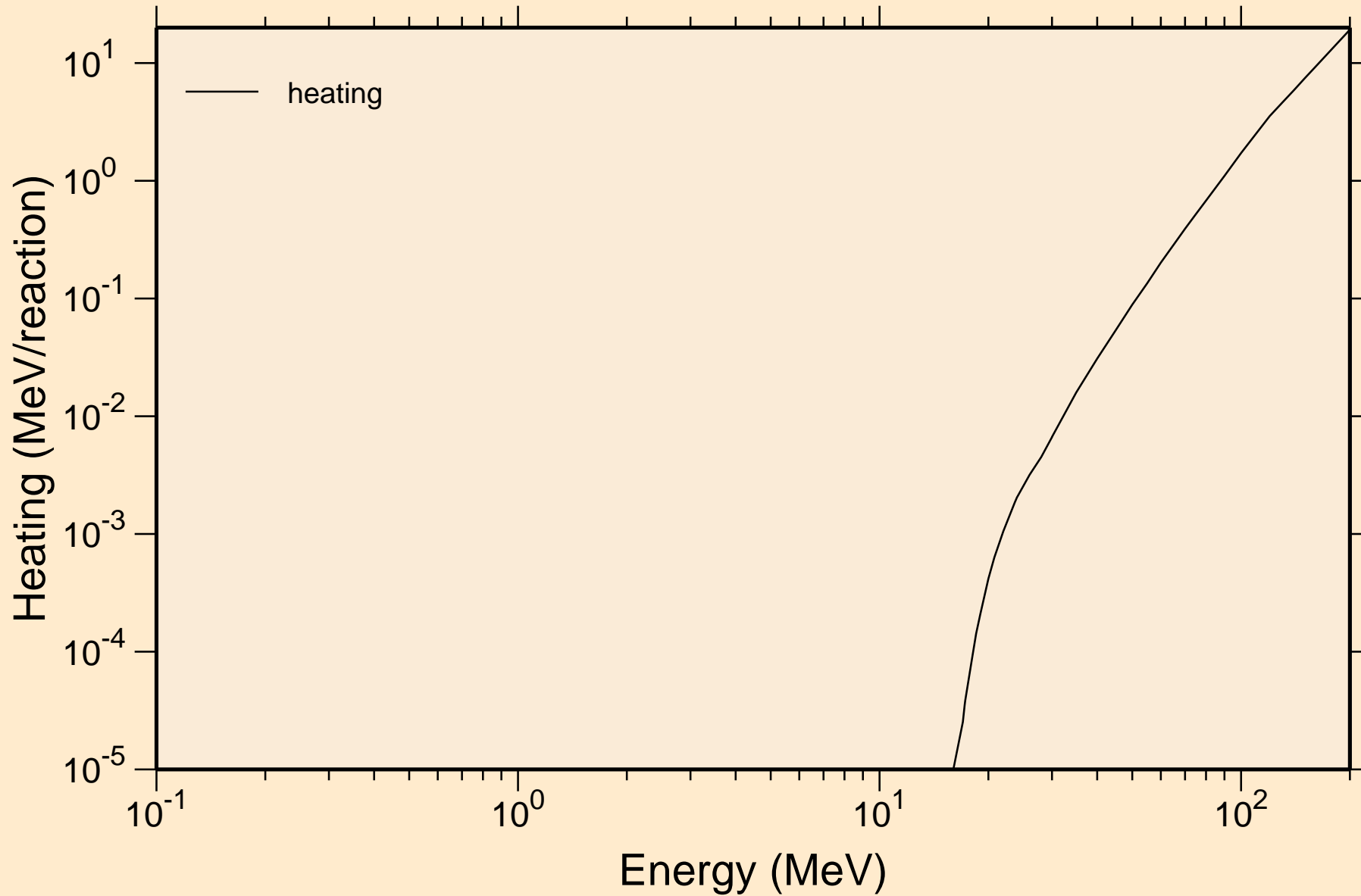
# YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



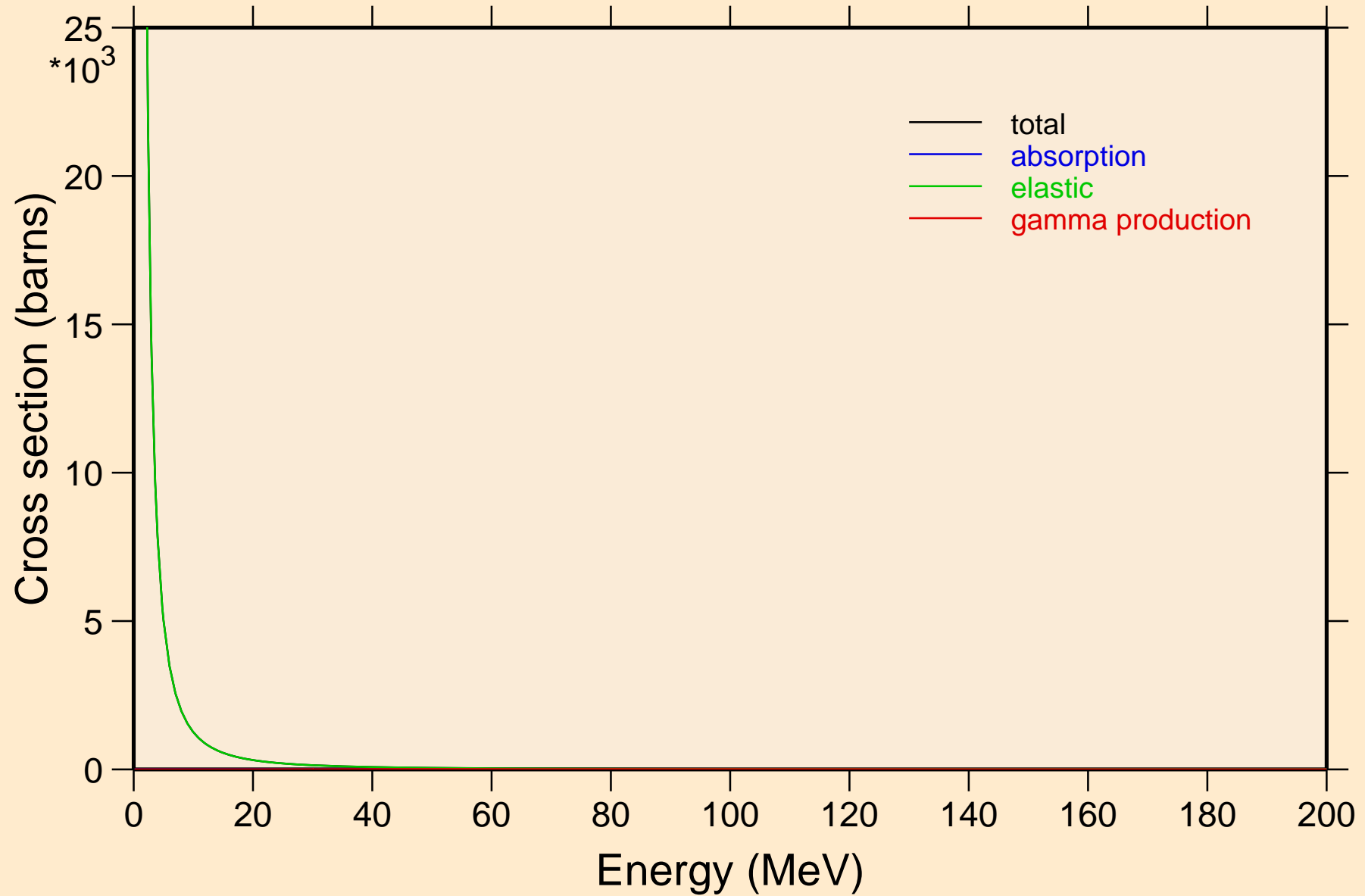
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



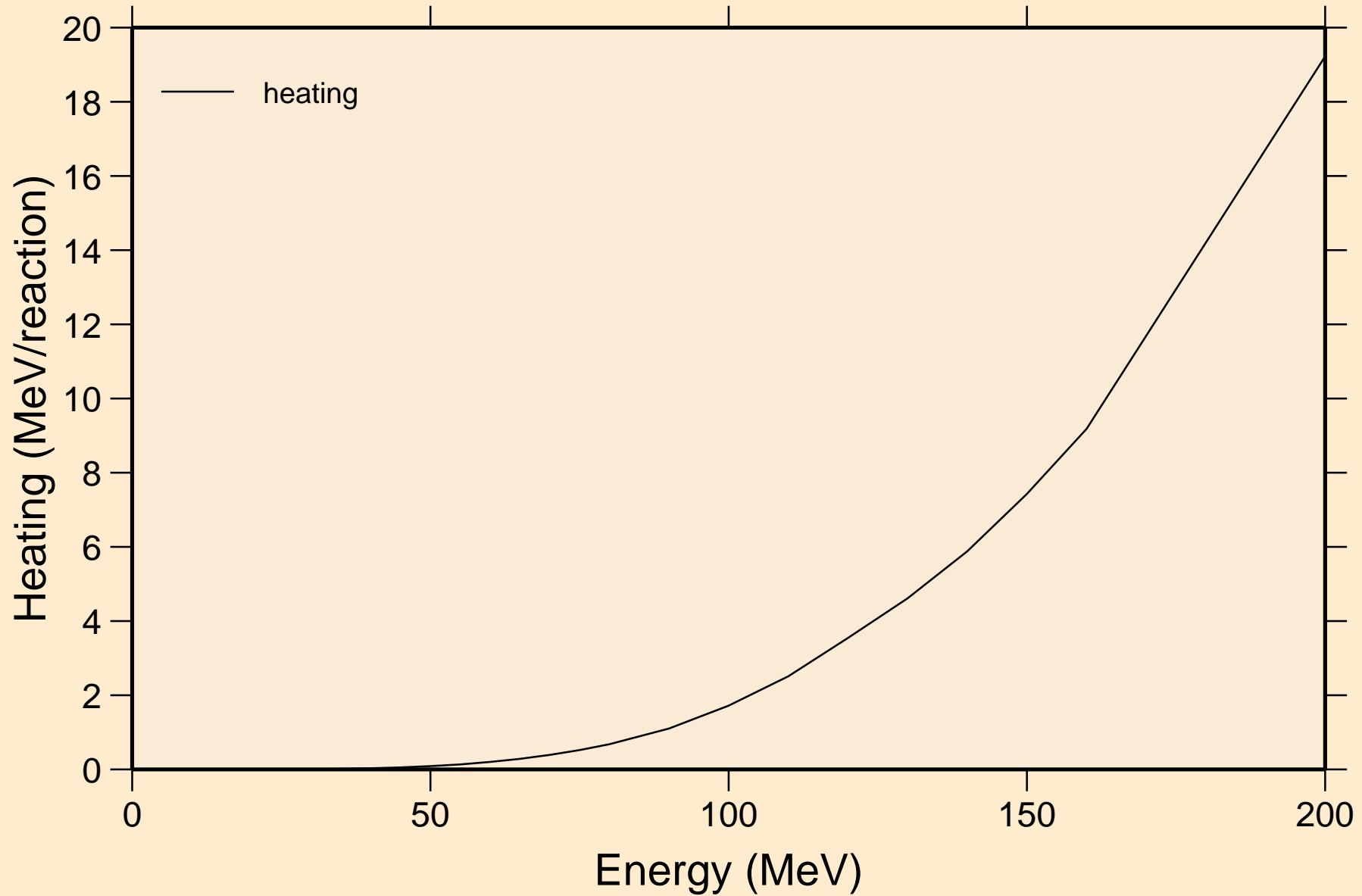
# YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

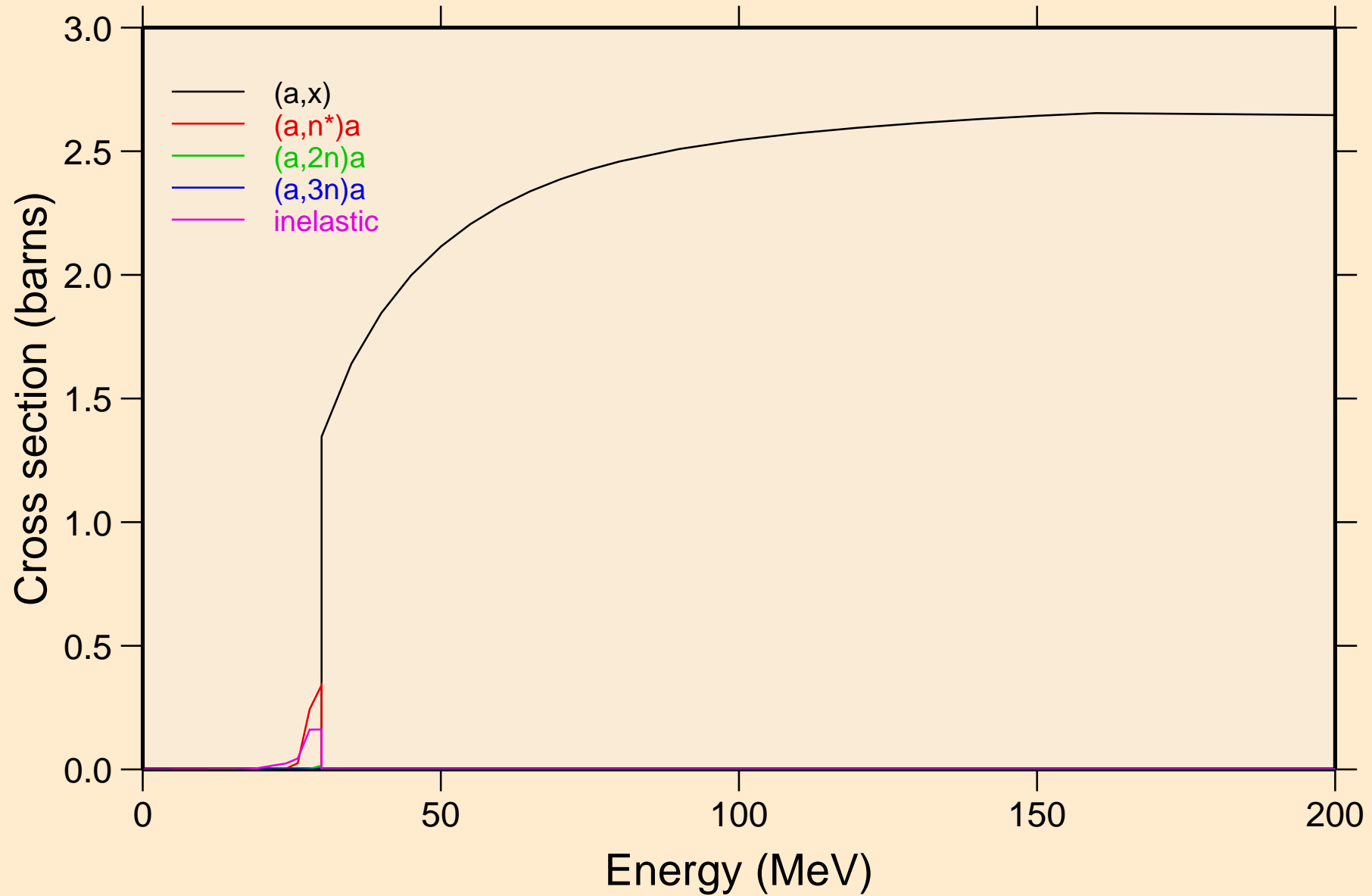


YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

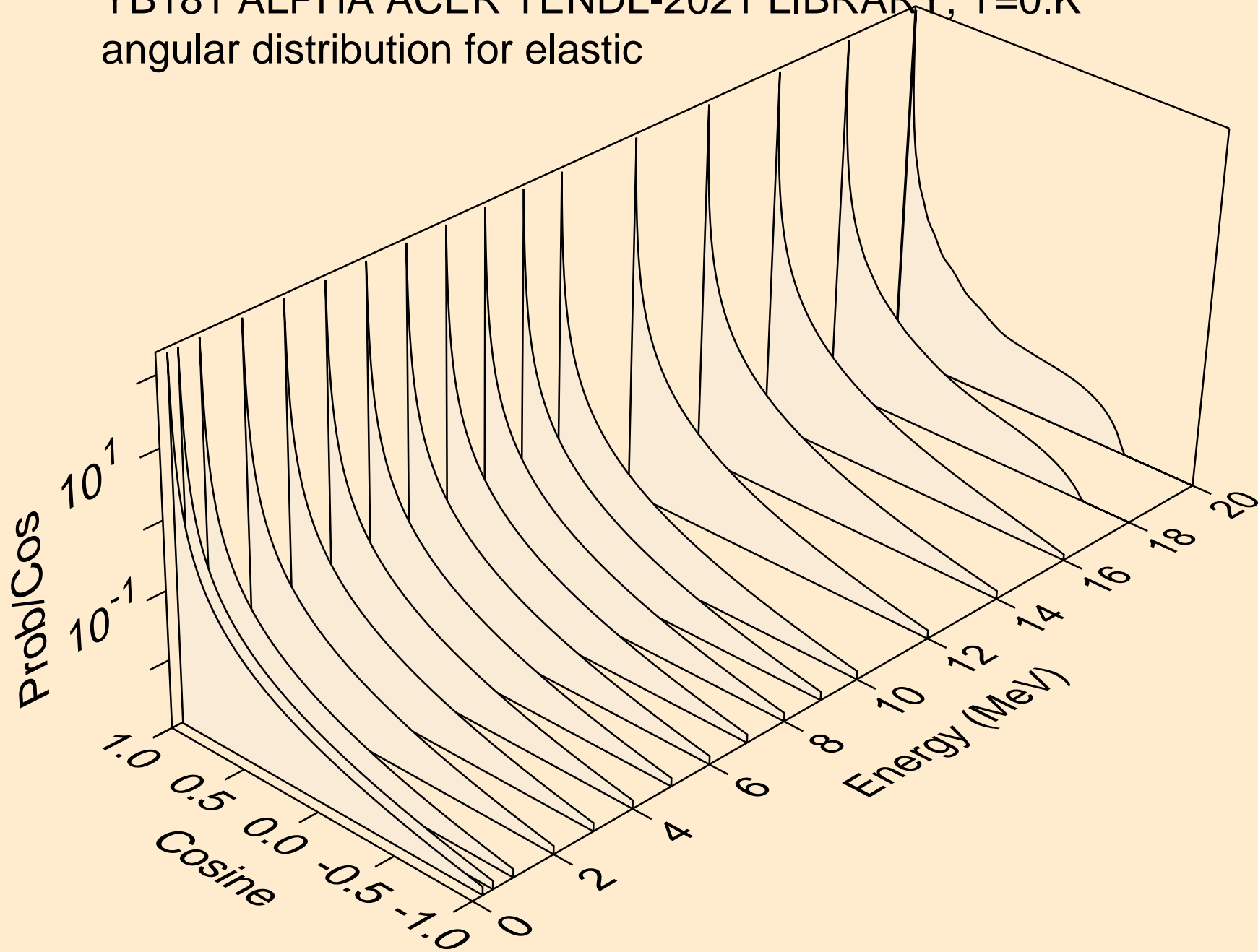
Heating



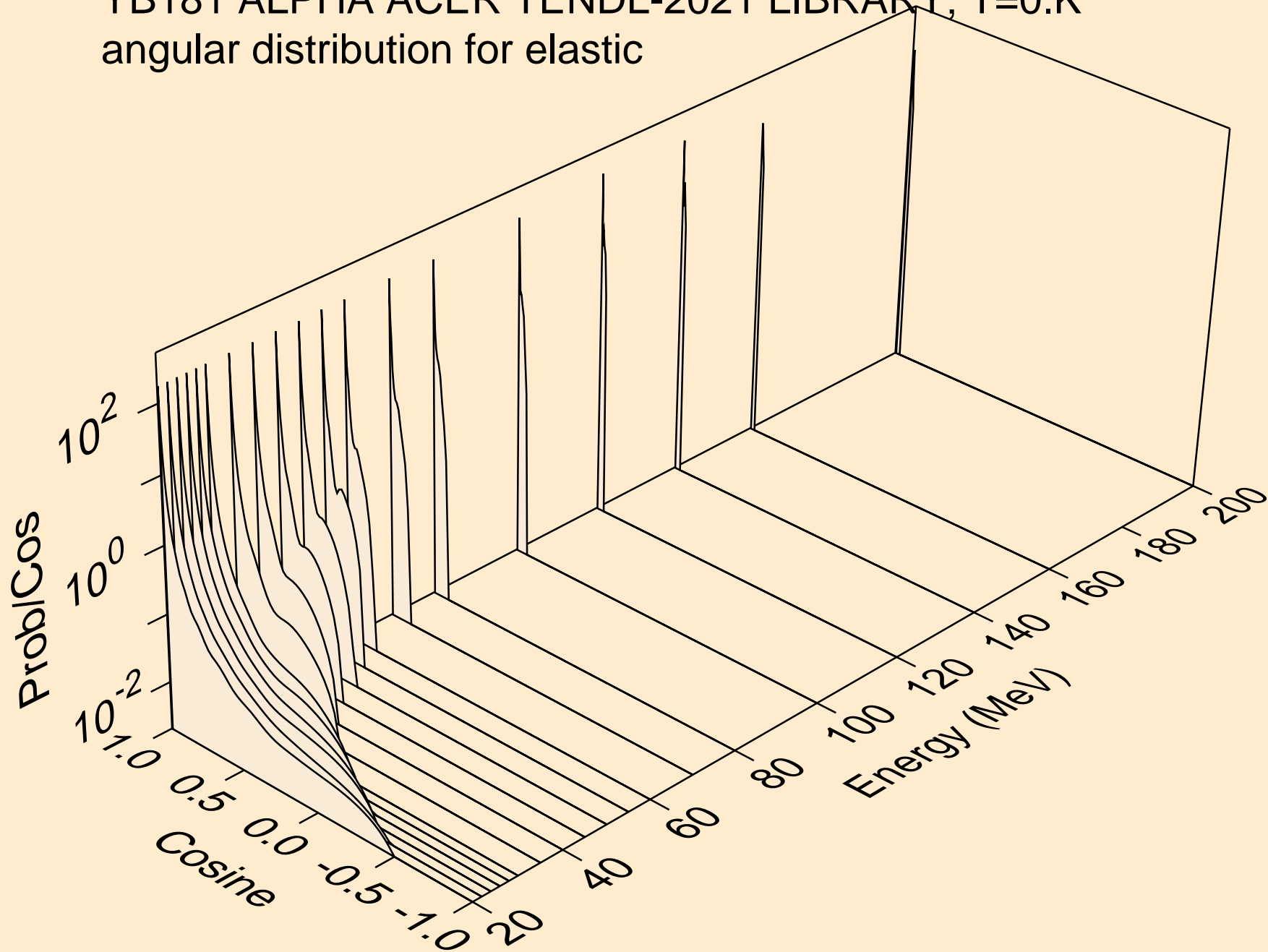
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



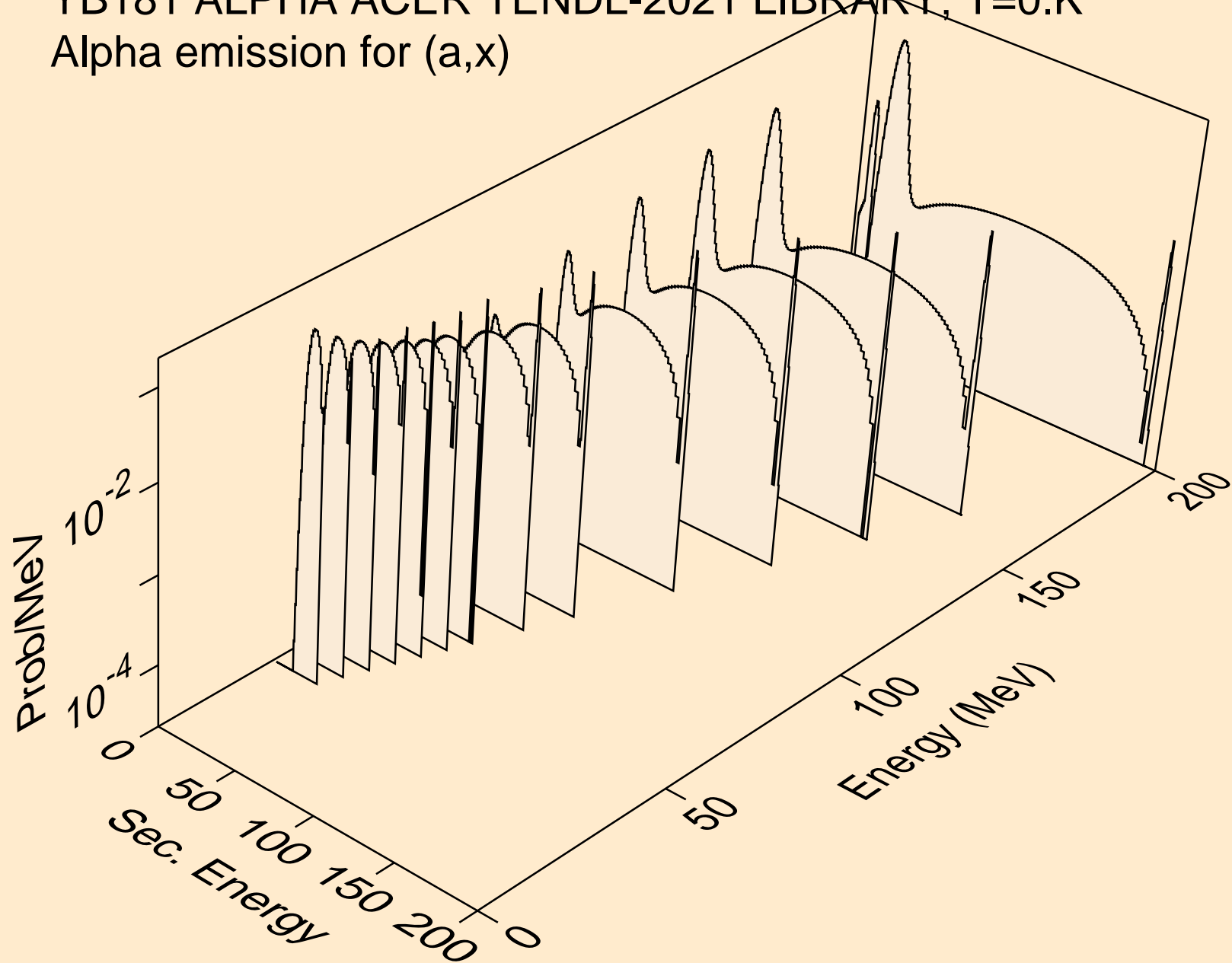
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

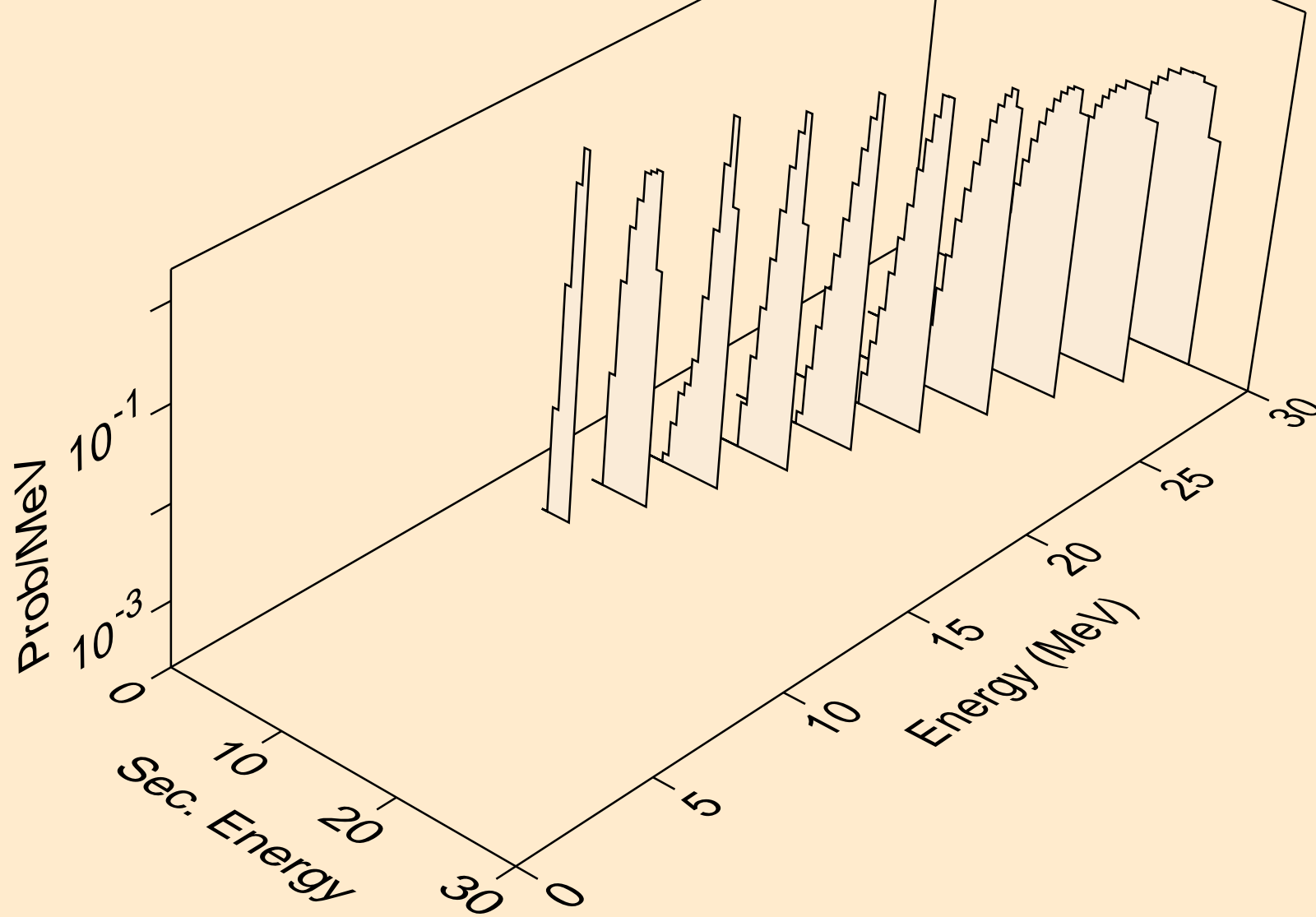


YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)

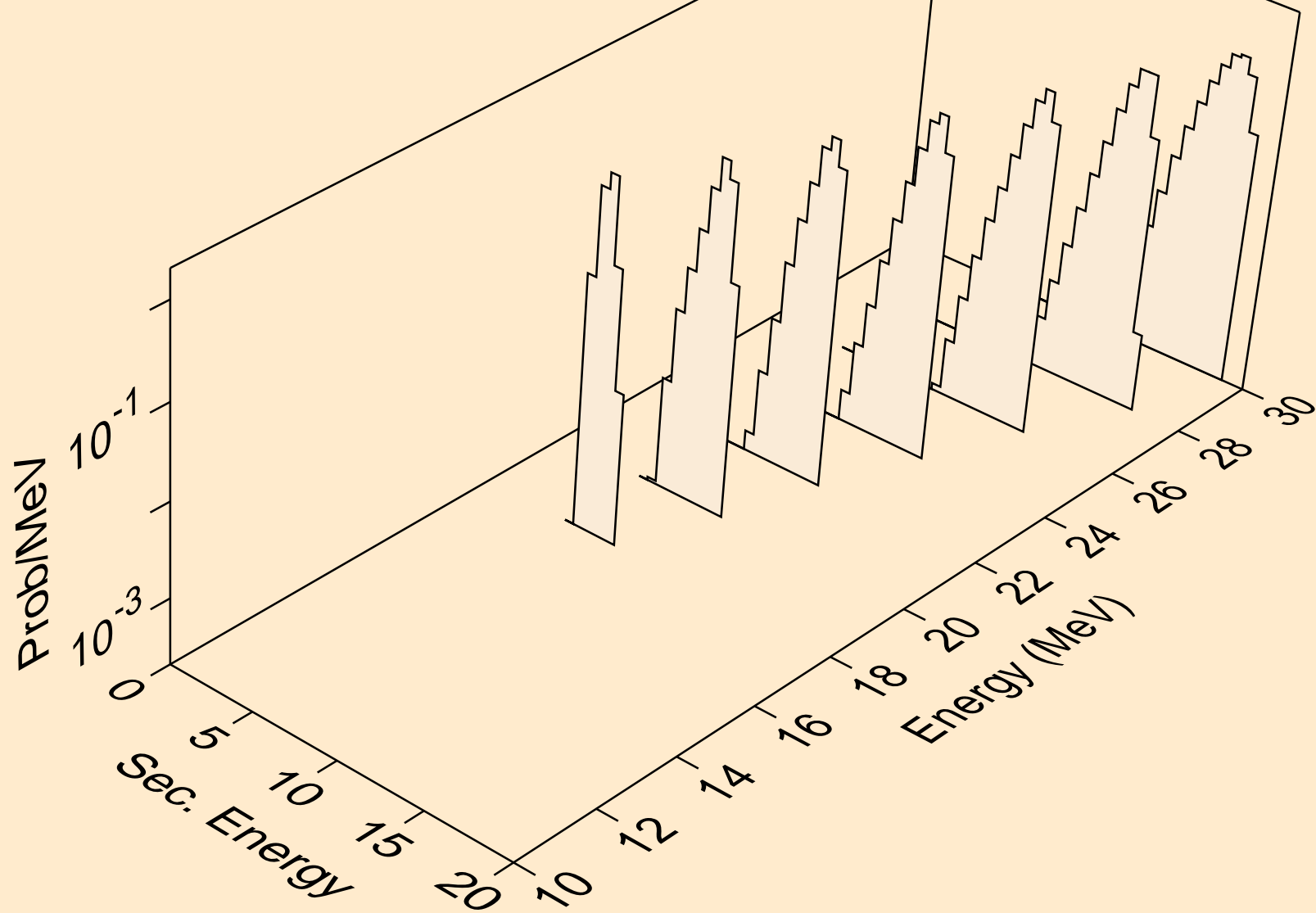


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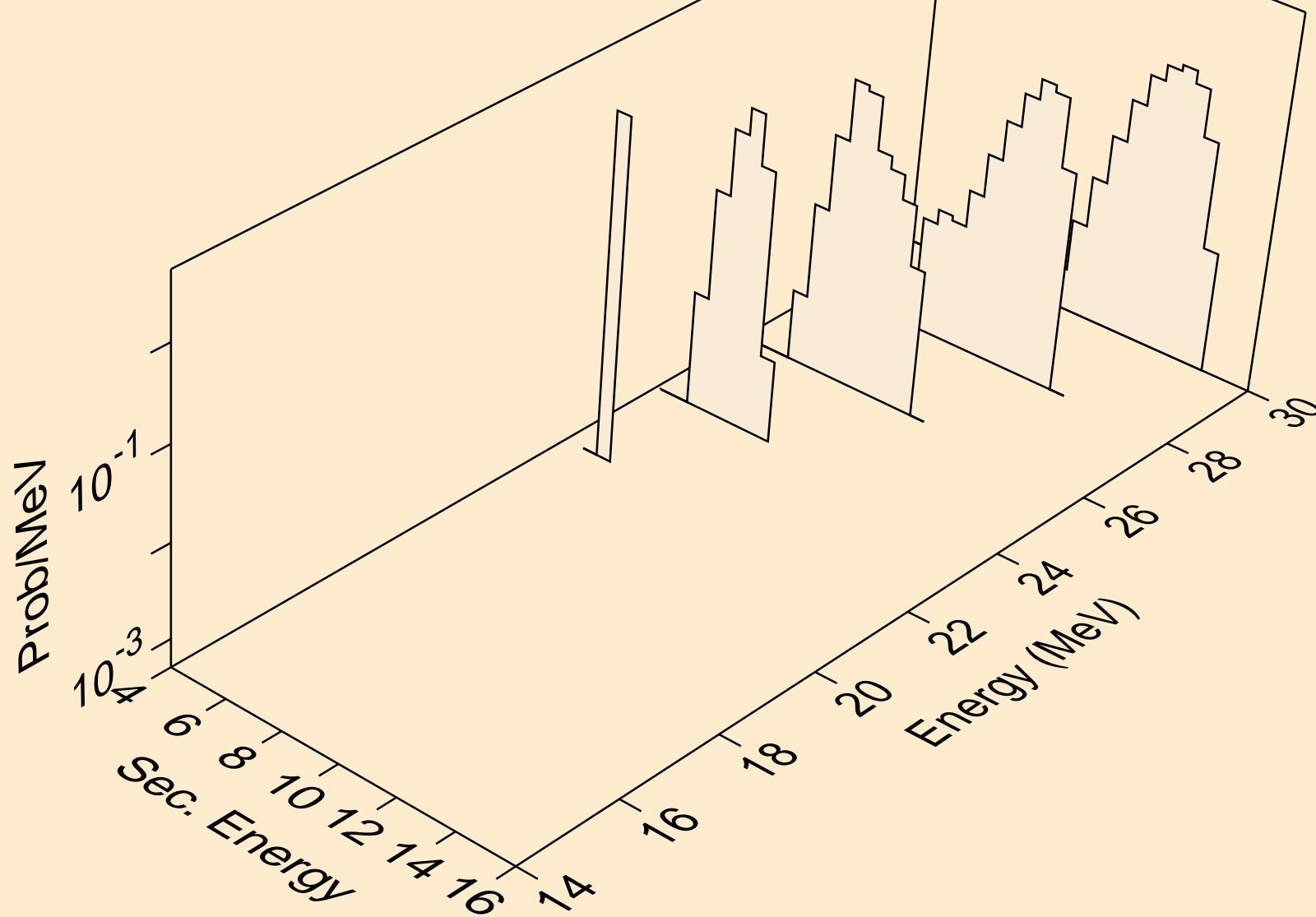
Alpha emission for (a,n\*)a



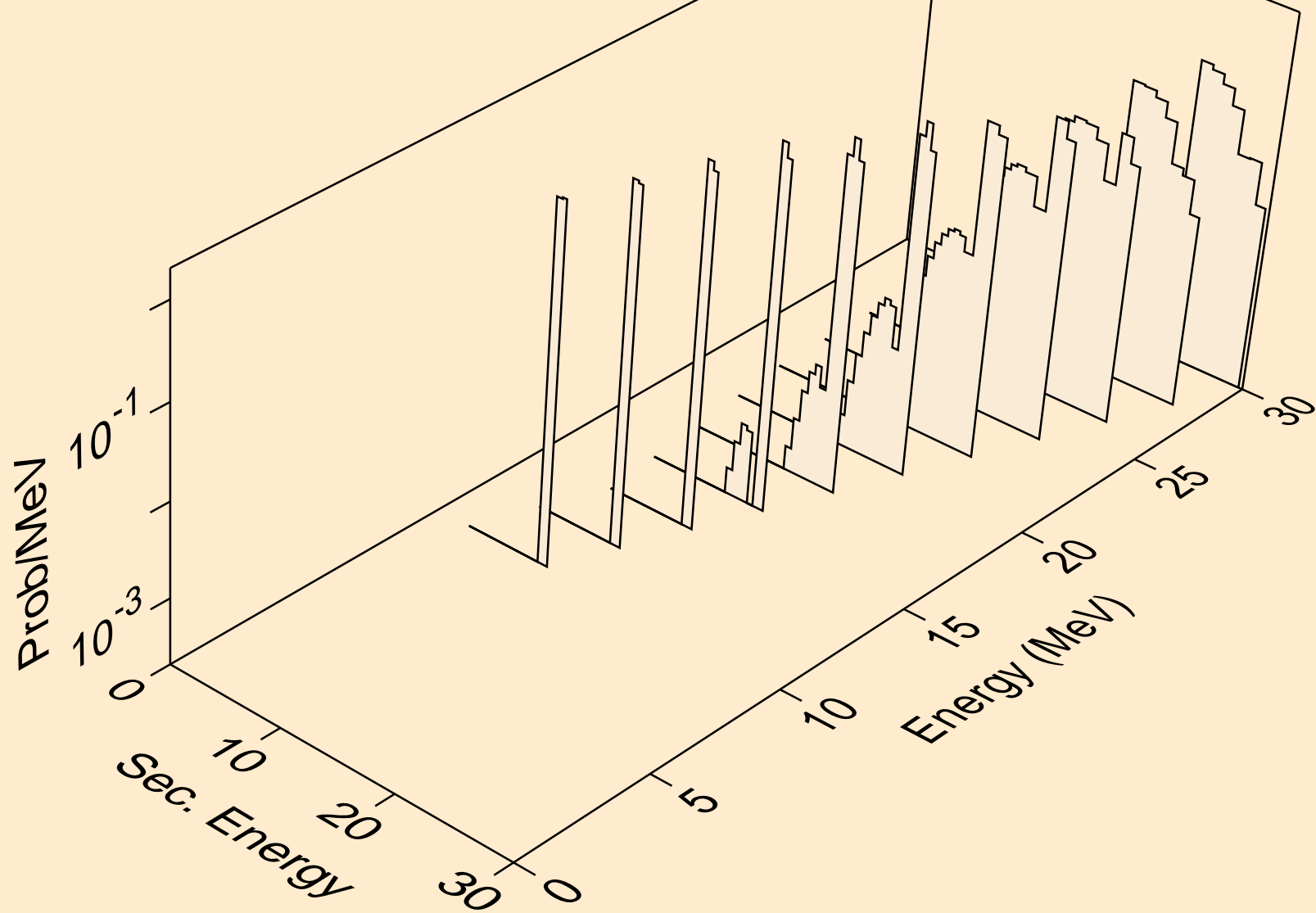
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



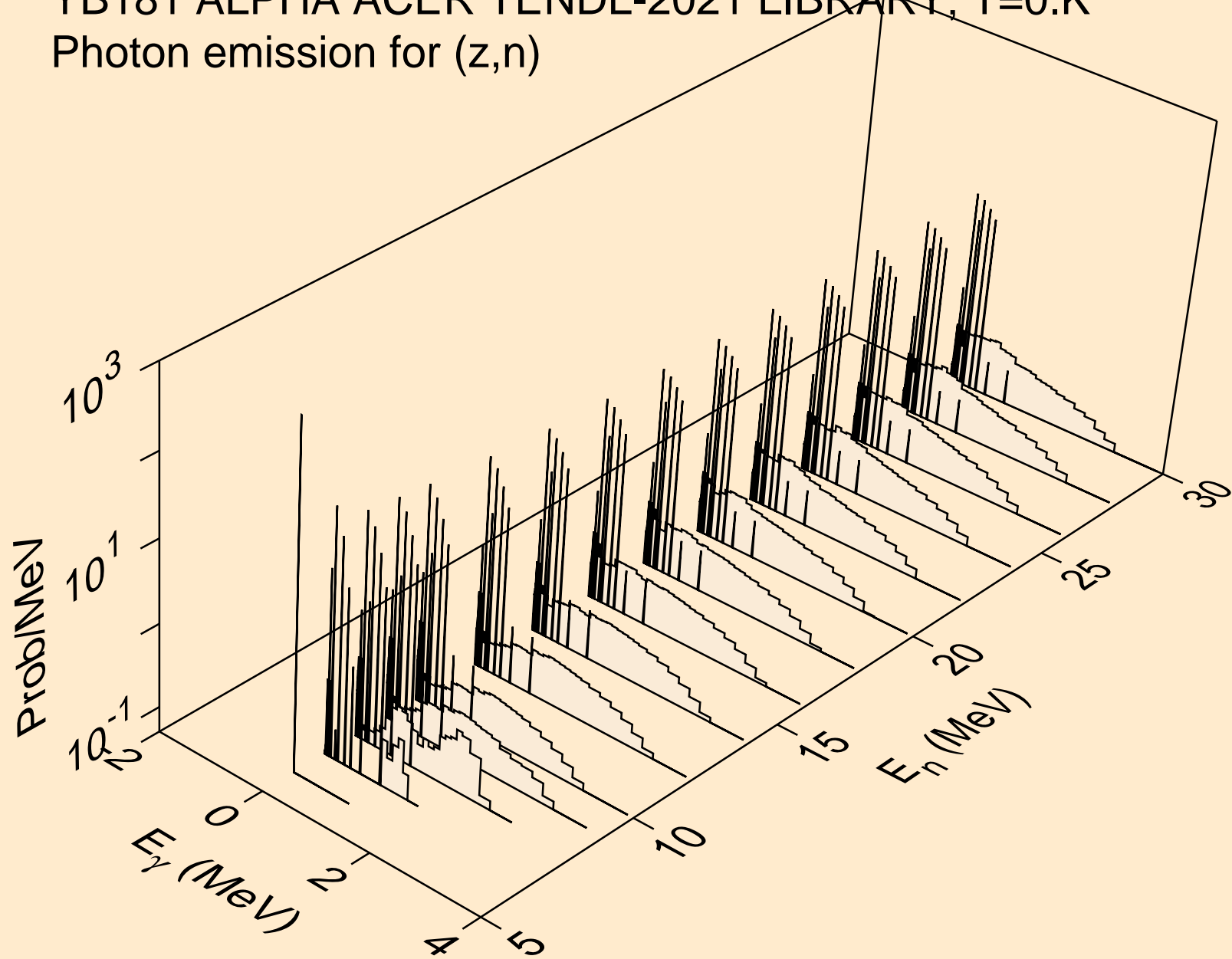
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic

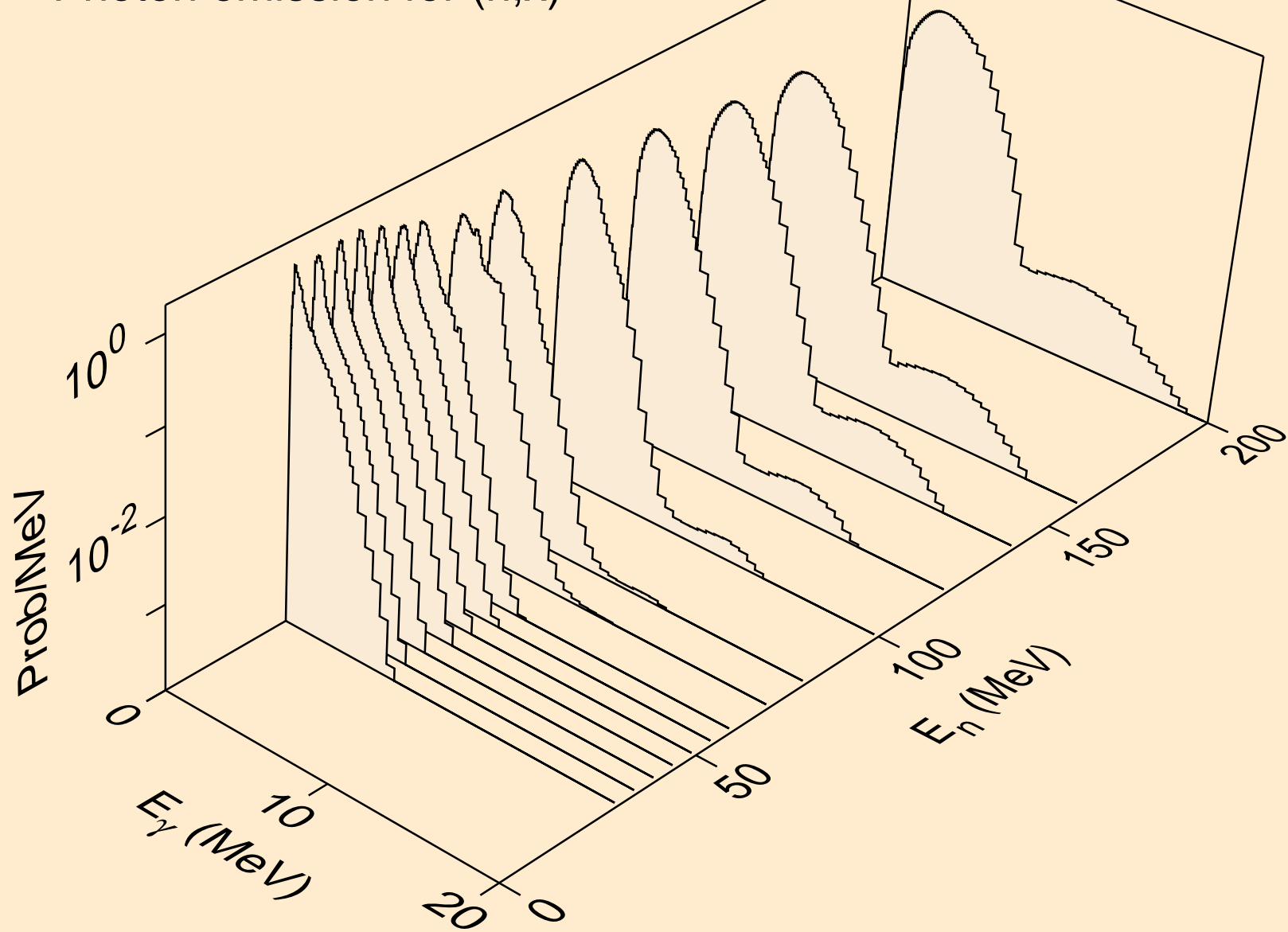


YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

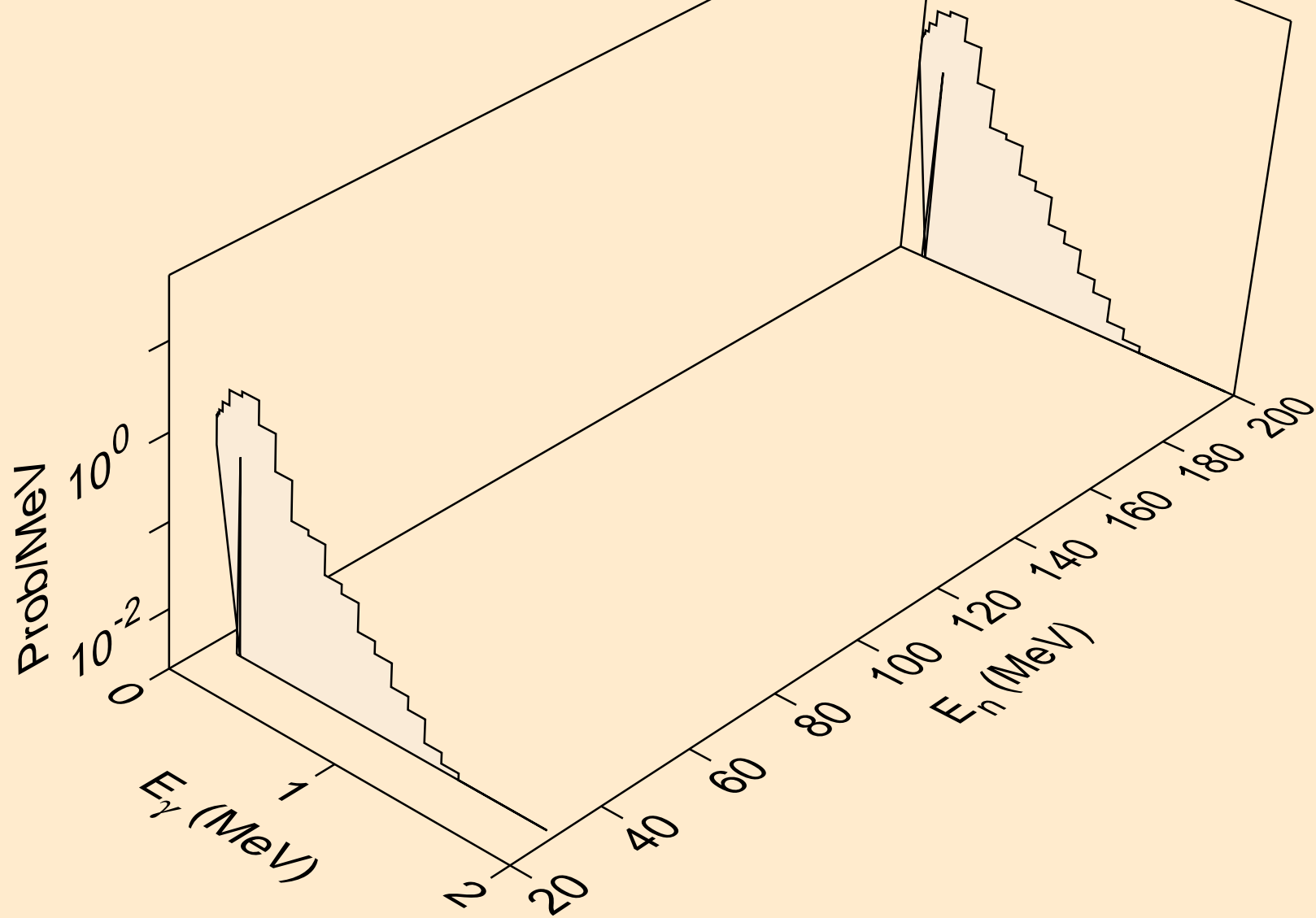


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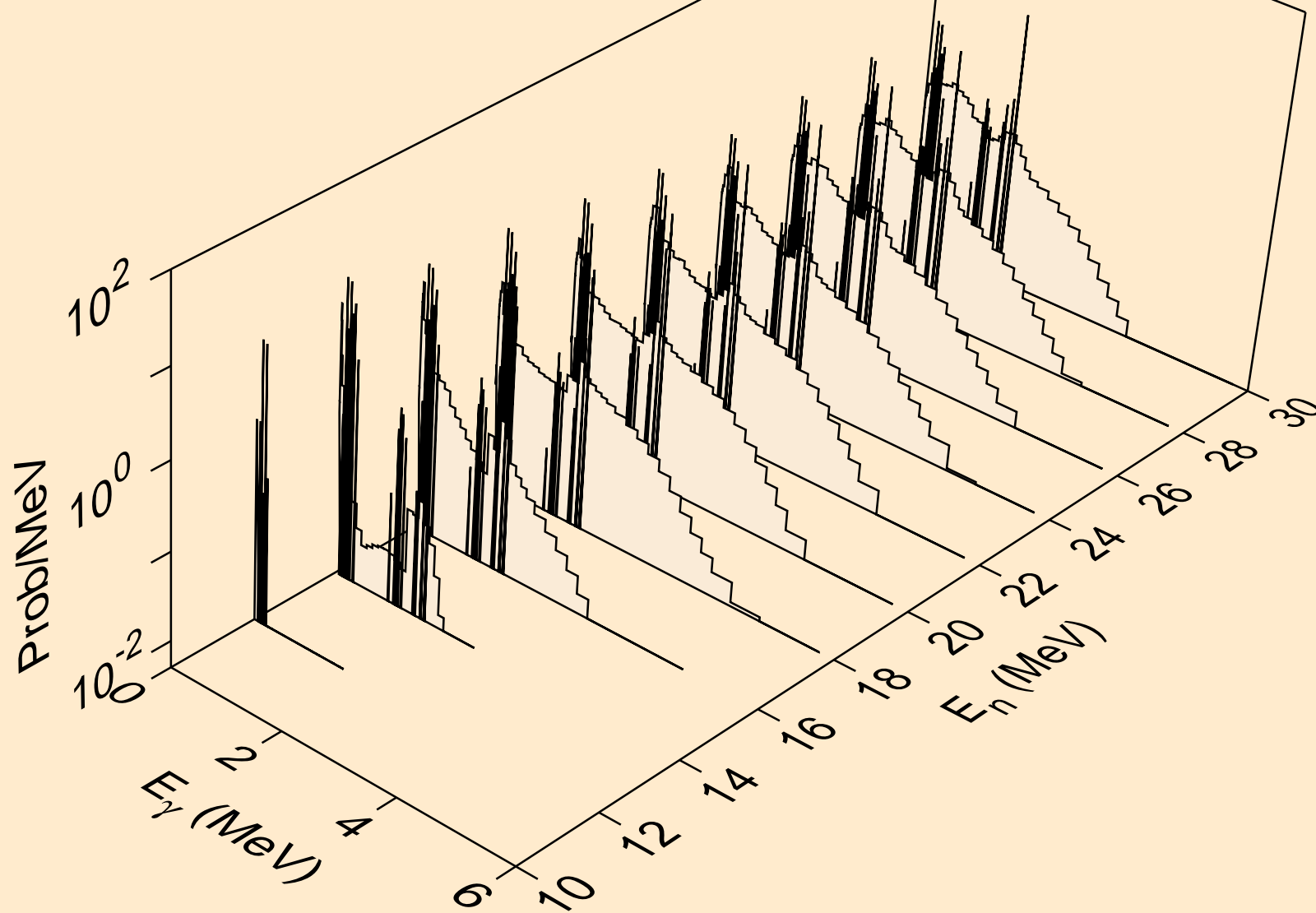
Photon emission for (n,x)



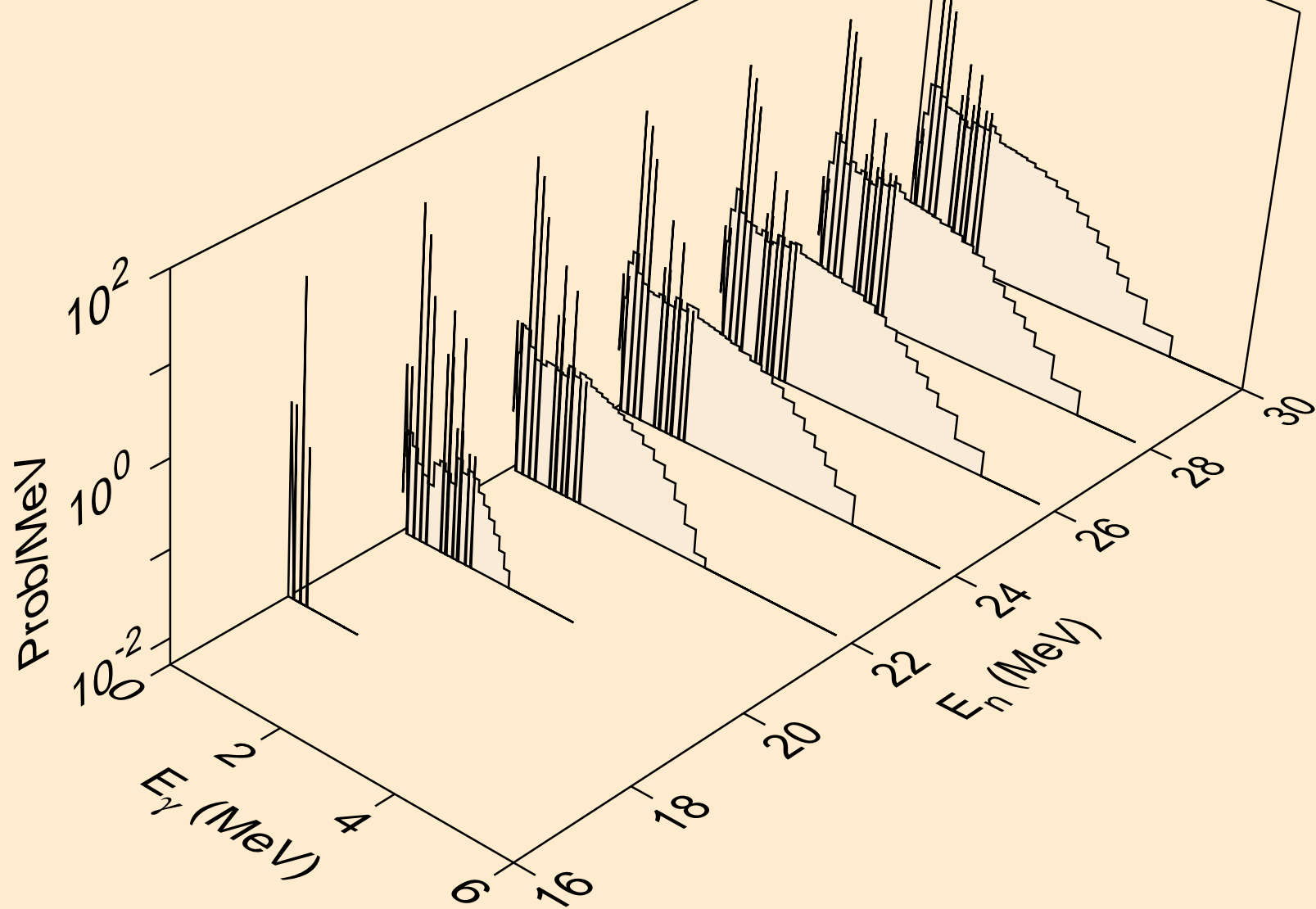
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Photon emission for (n,2nd)



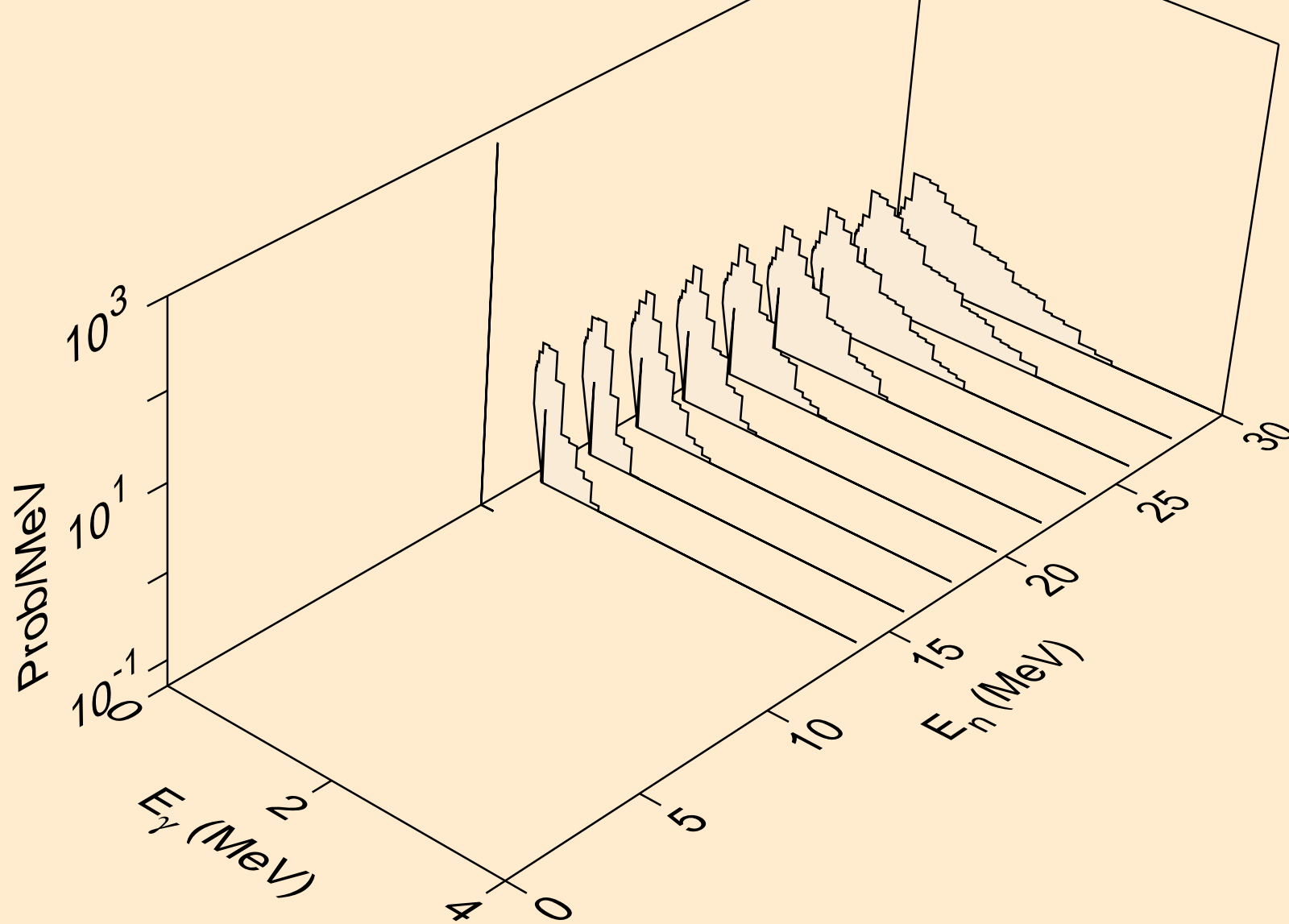
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Photon emission for (n,2n)



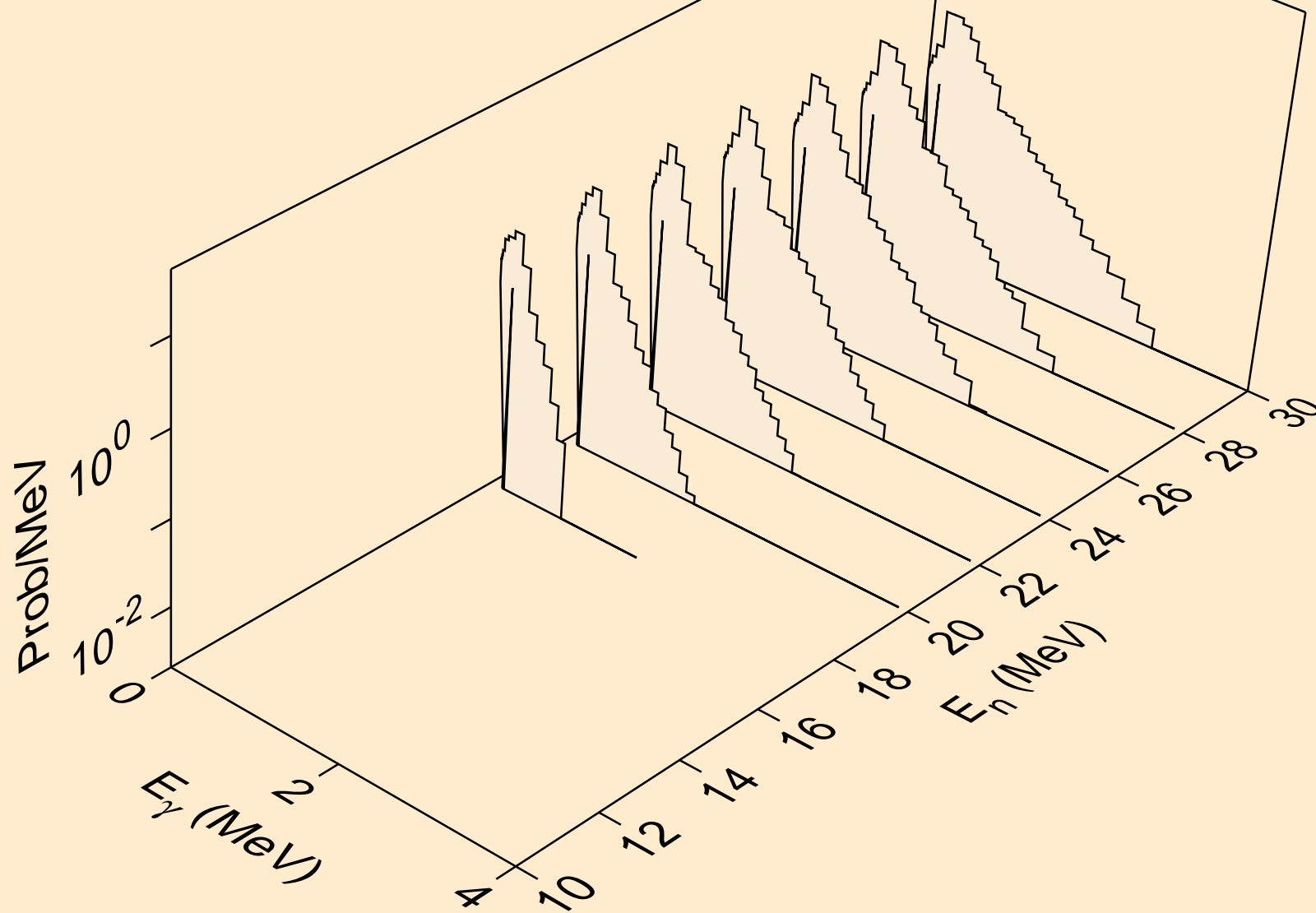
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



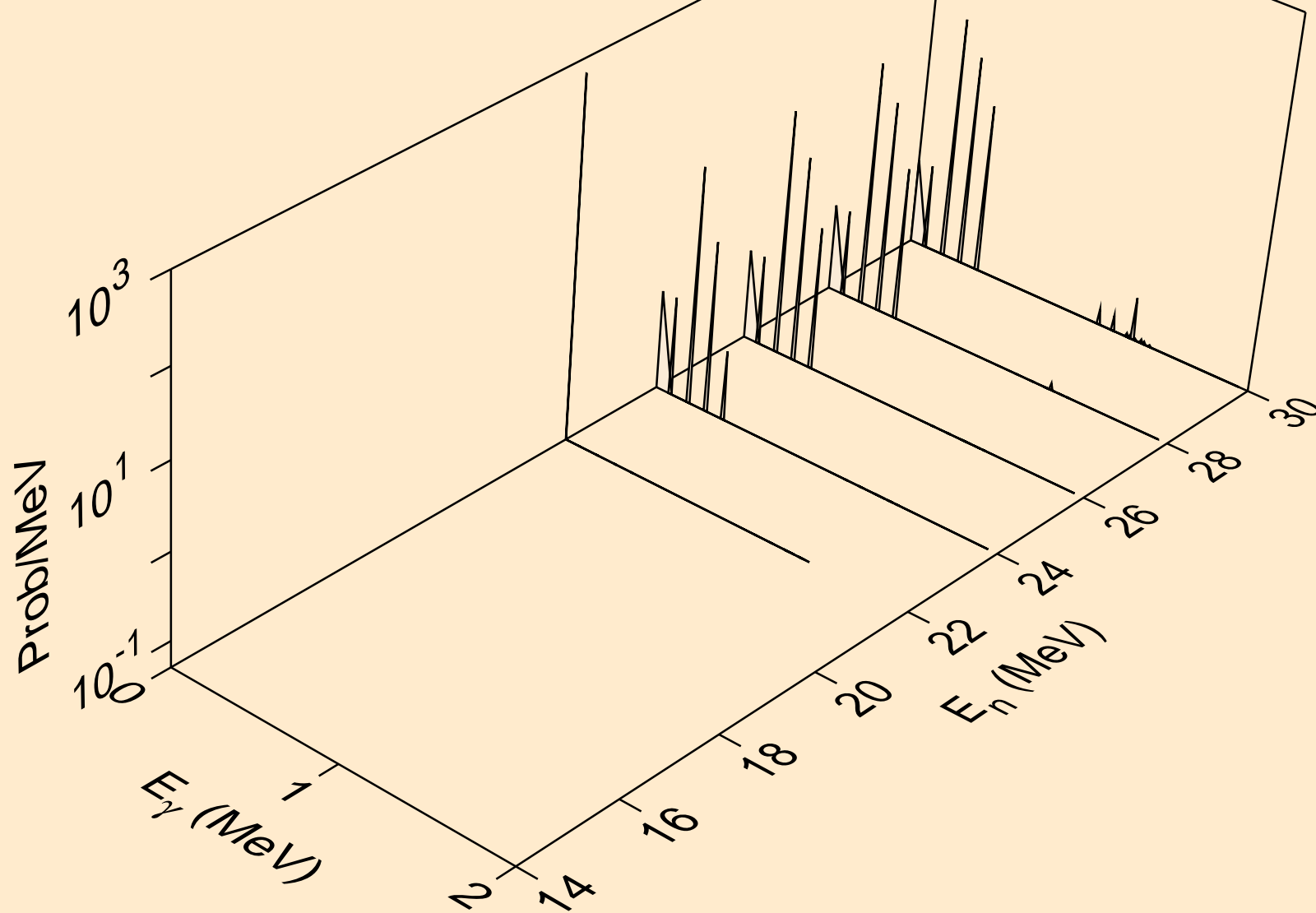
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



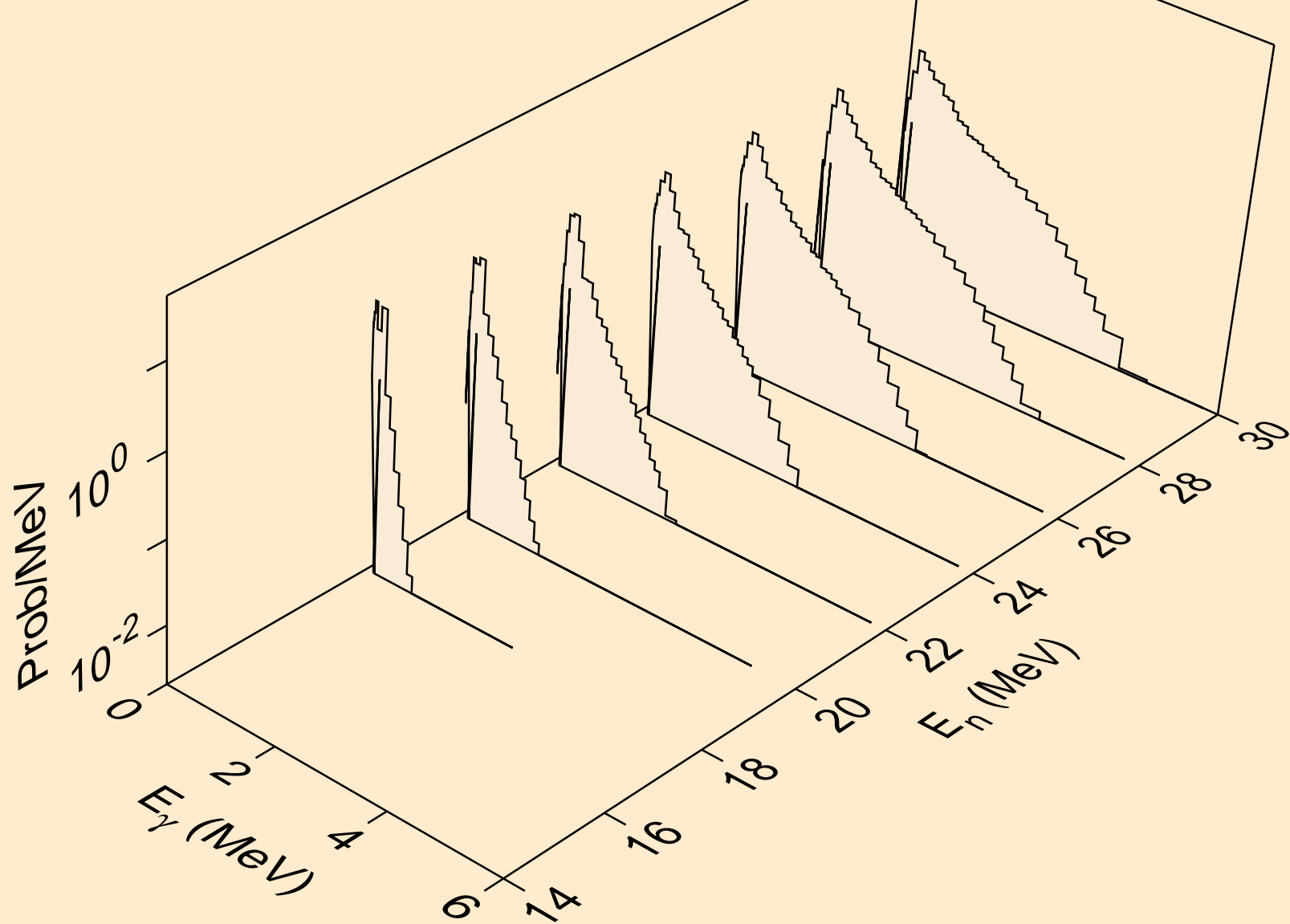
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a

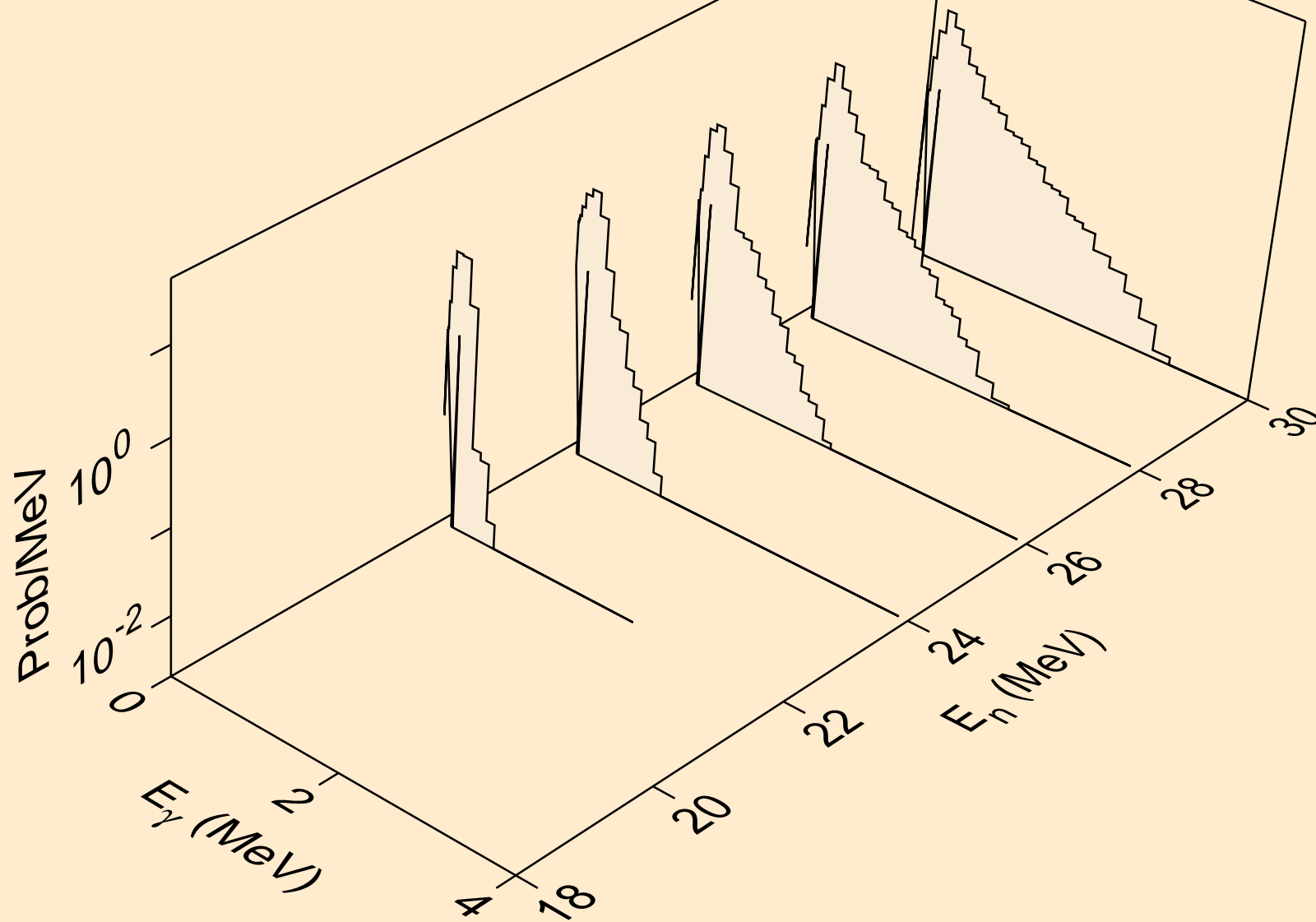


YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

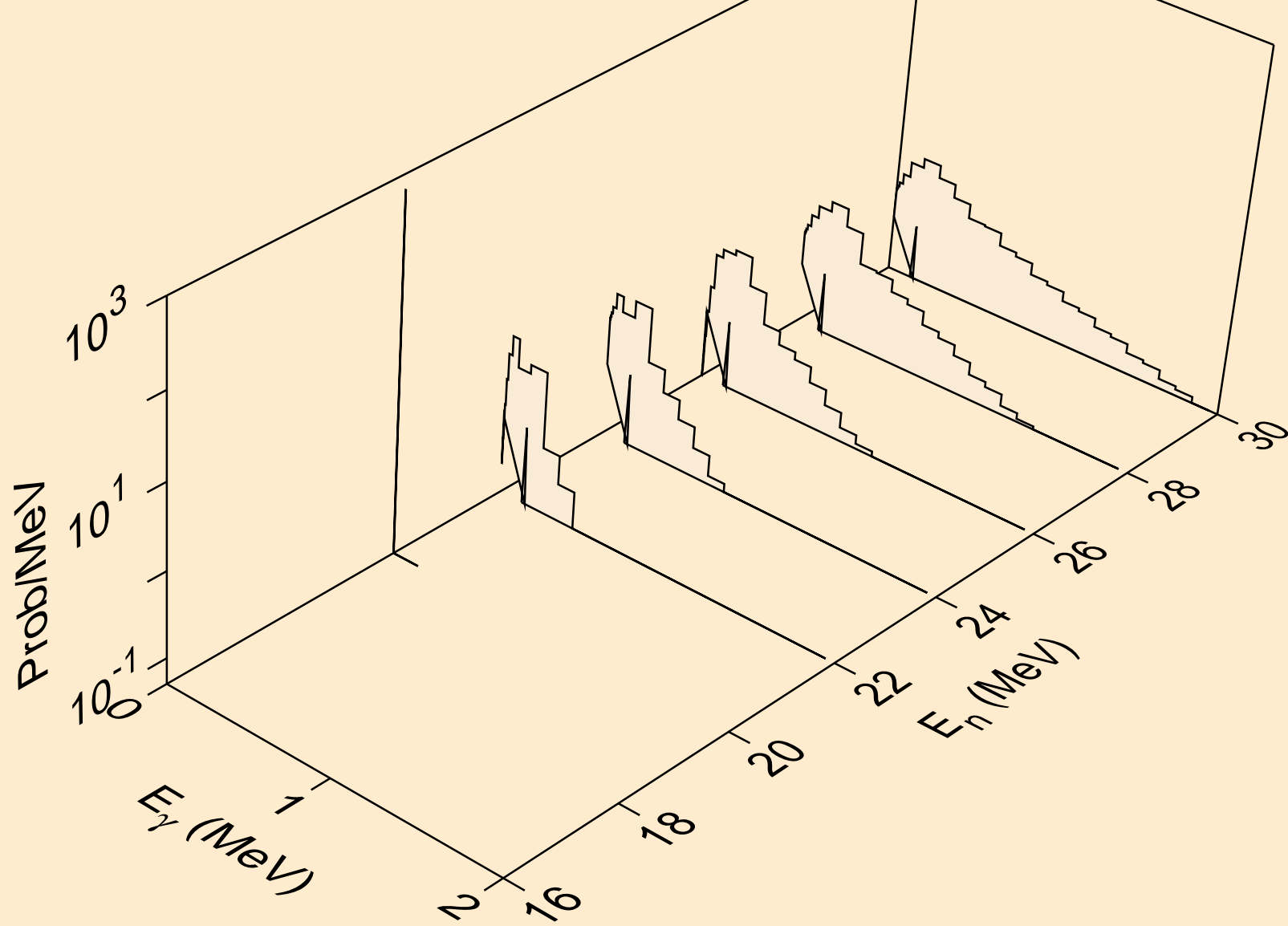


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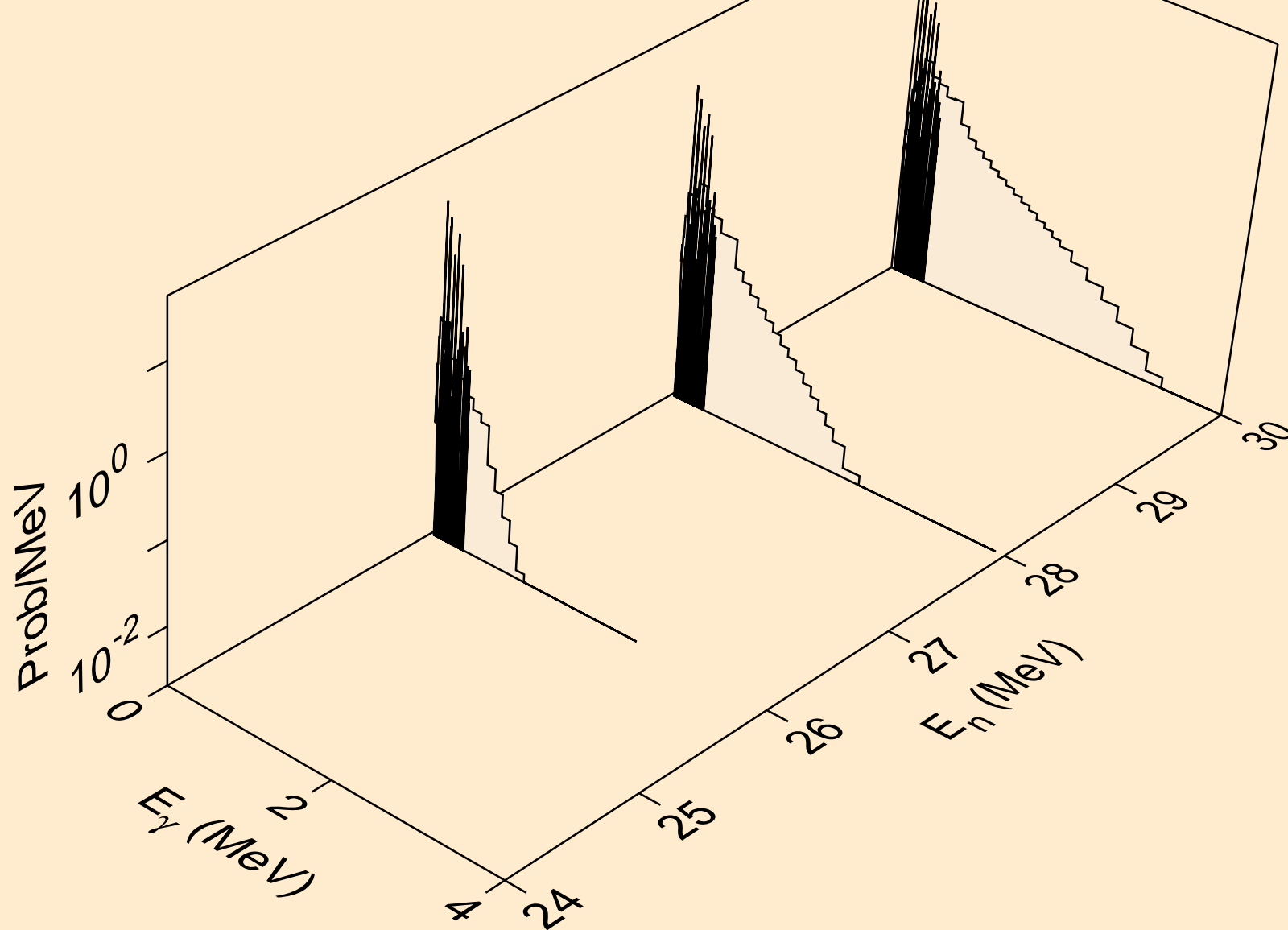
Photon emission for (n,n\*)d



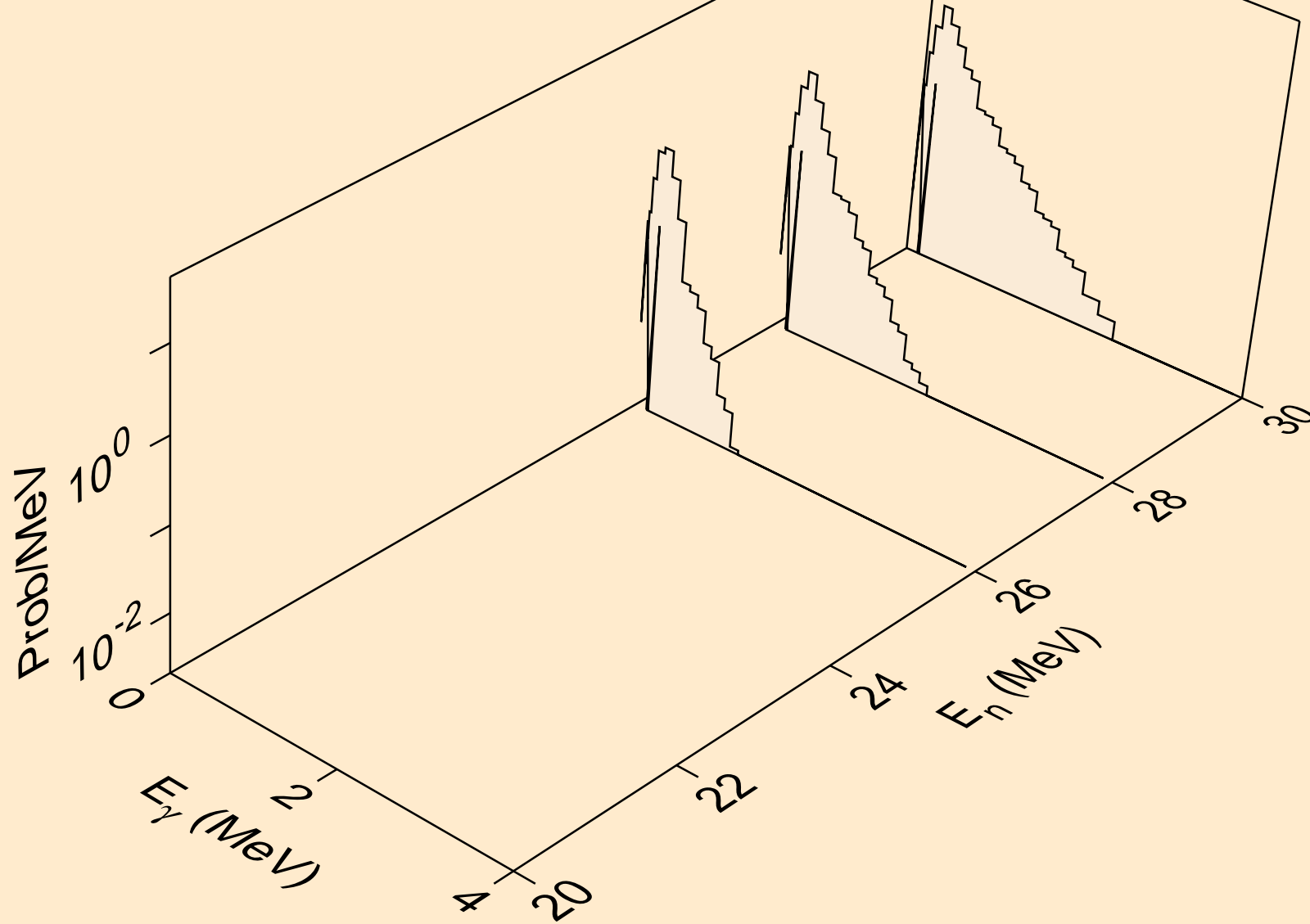
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Photon emission for (n,n\*)t



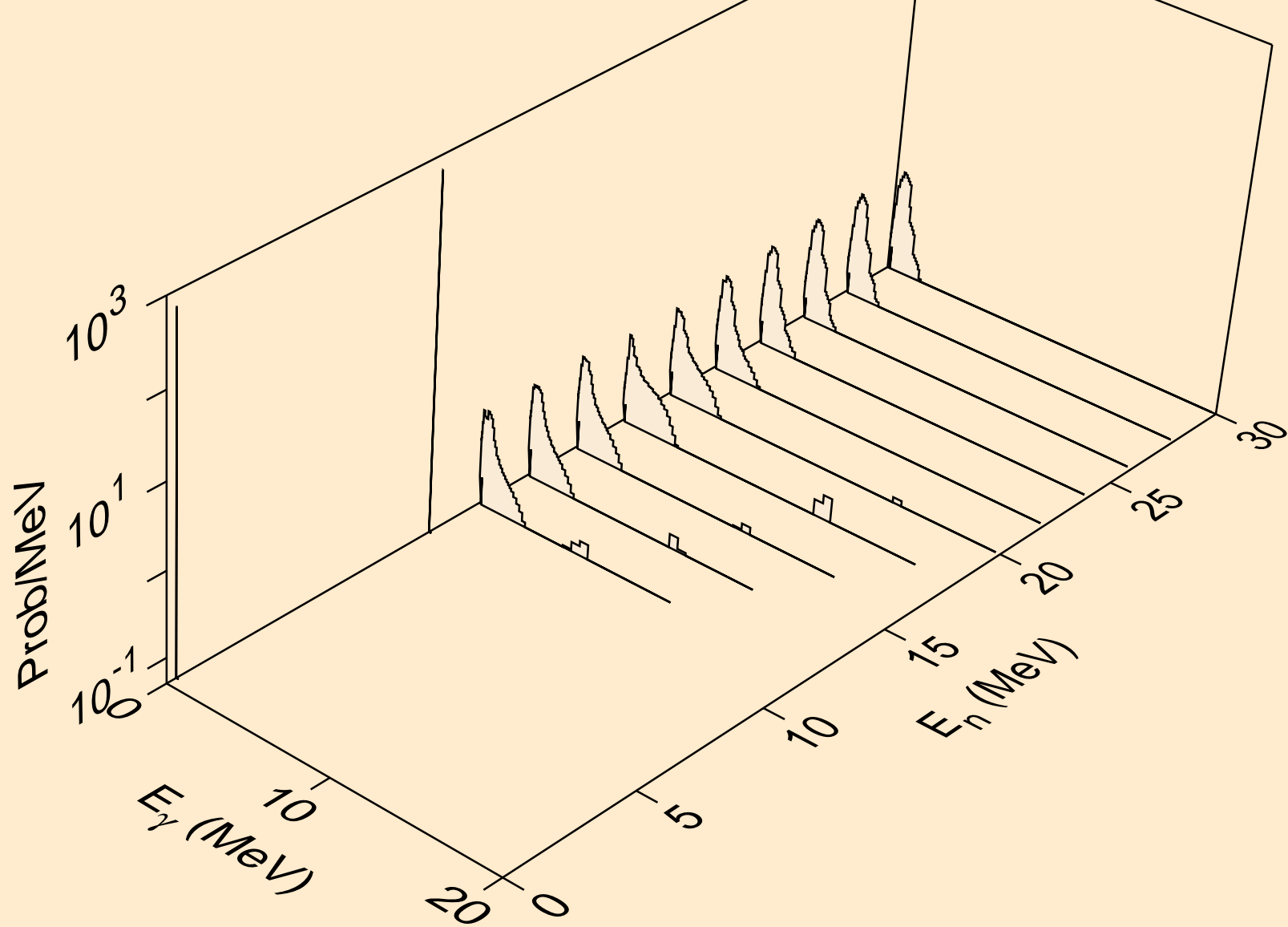
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Photon emission for (n,4n)



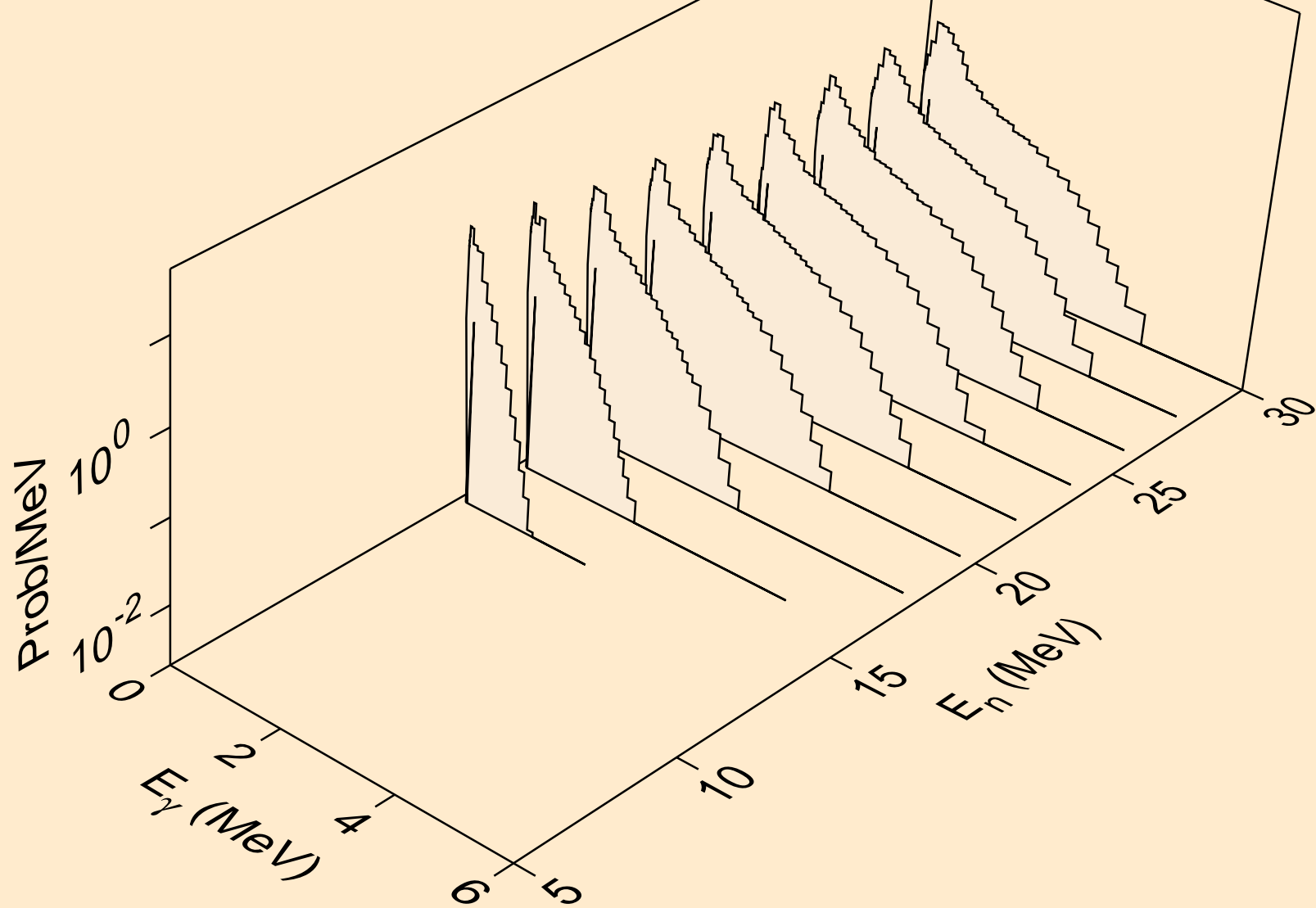
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Photon emission for (n,2np)



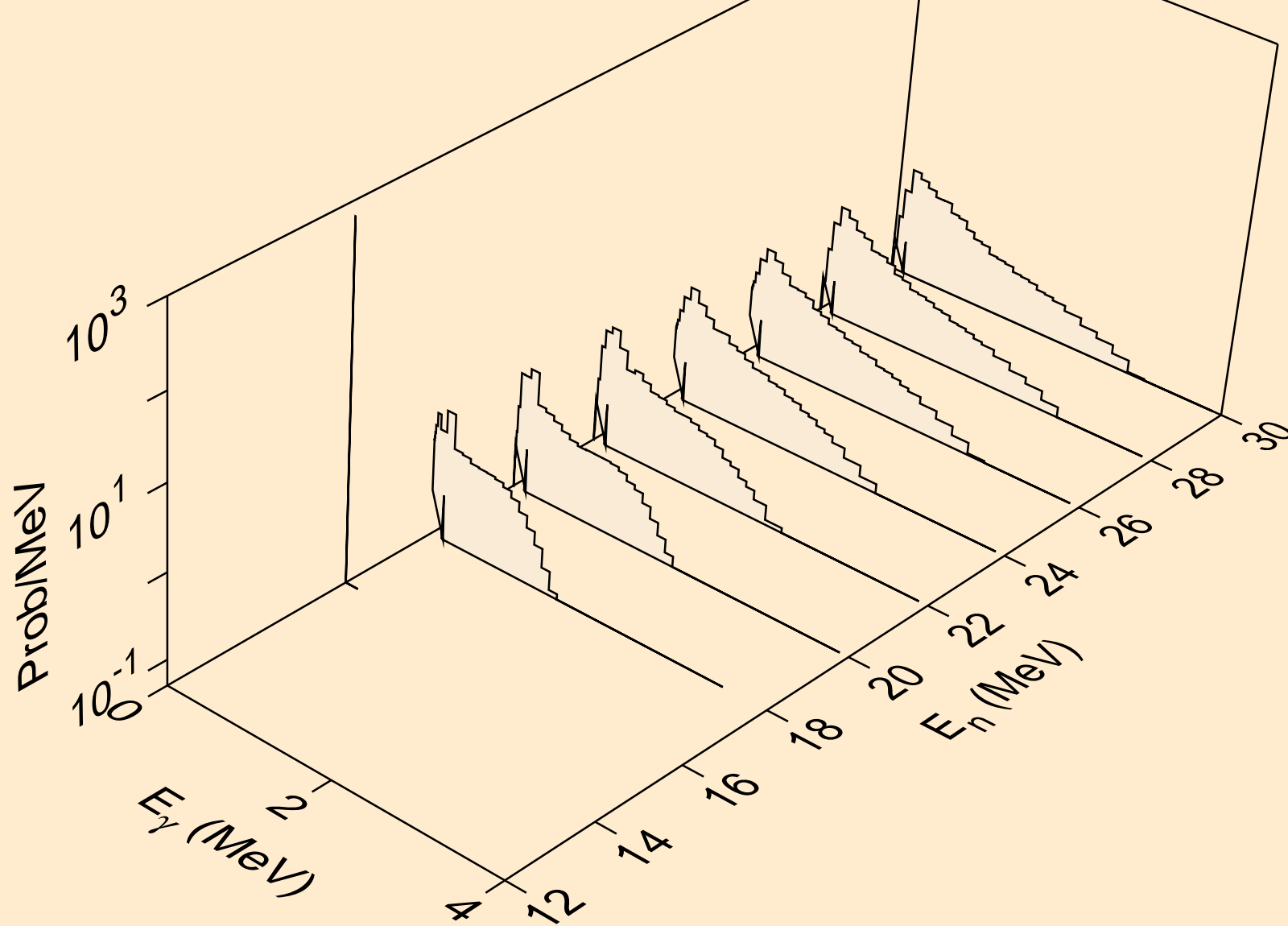
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Photon emission for (n,gma)



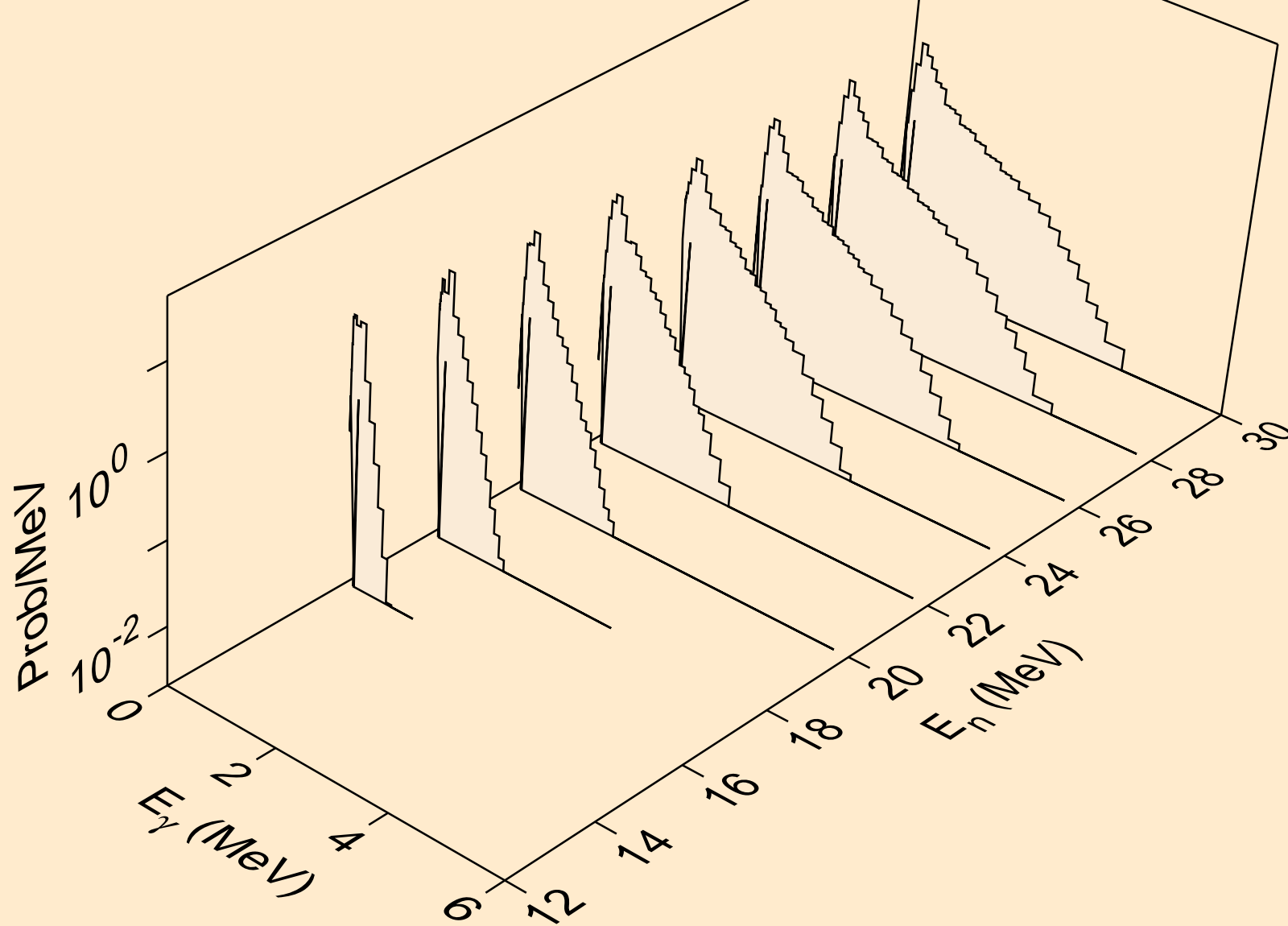
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Photon emission for (n,p)



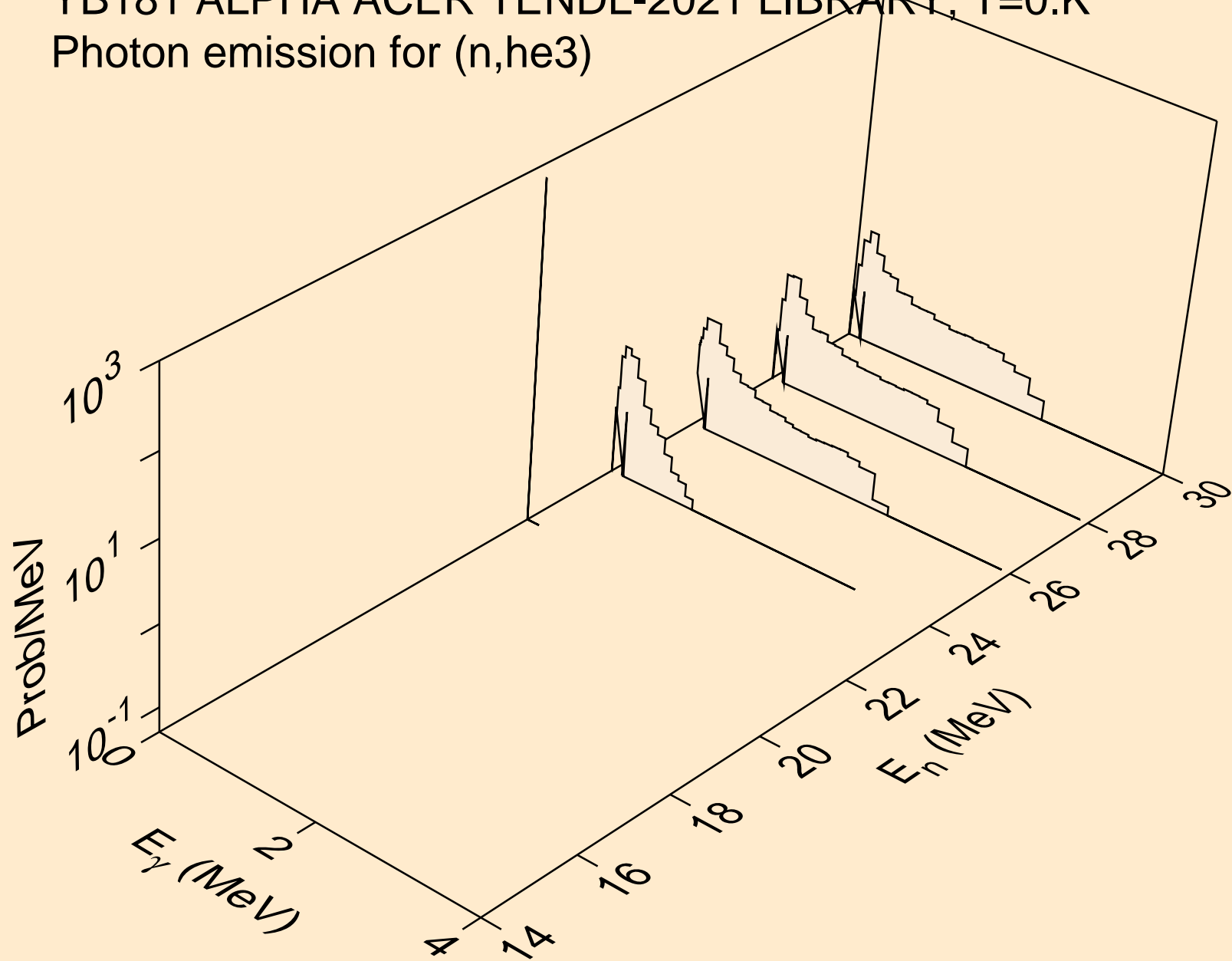
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Photon emission for (n,d)



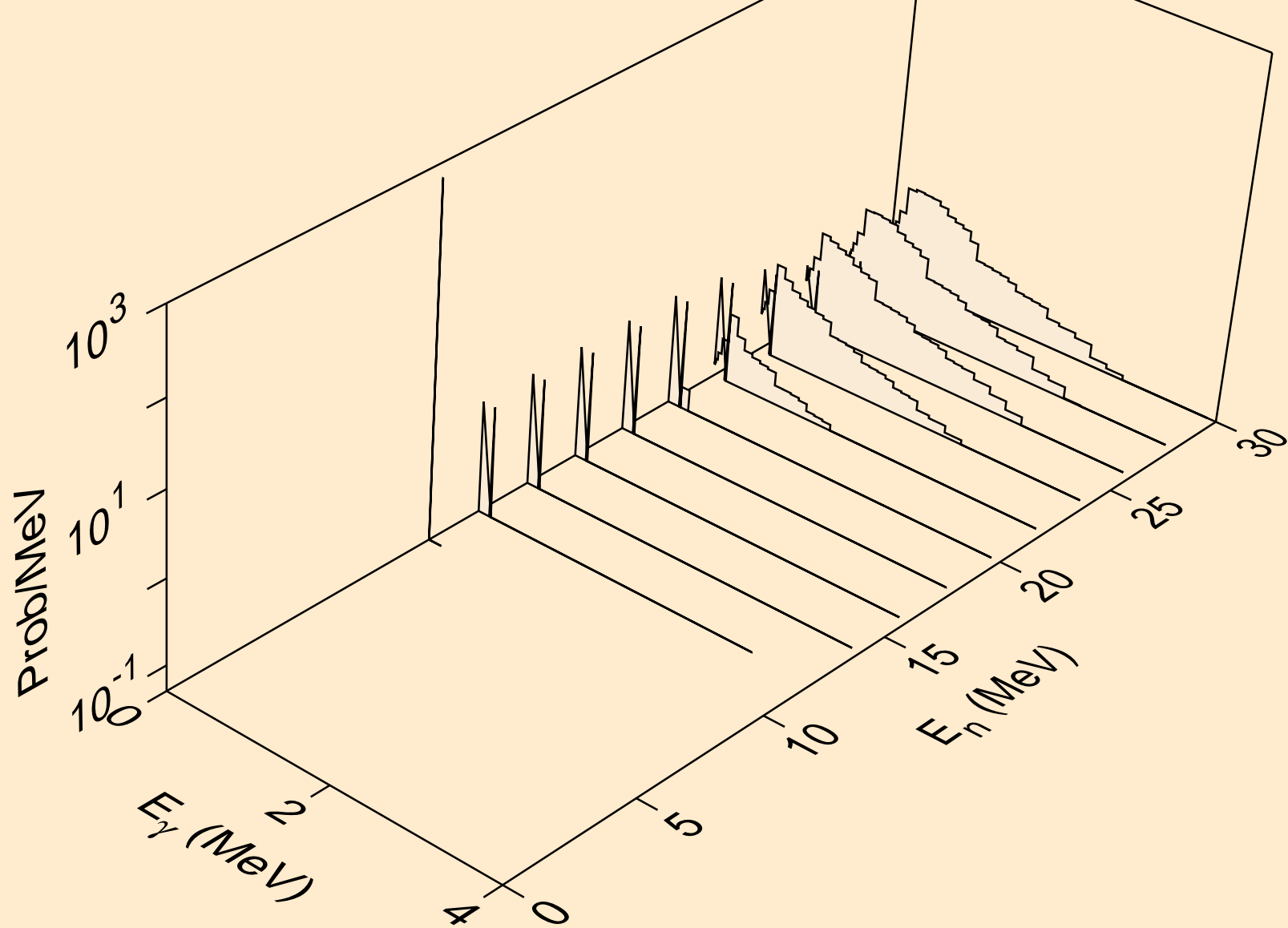
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Photon emission for (n,t)



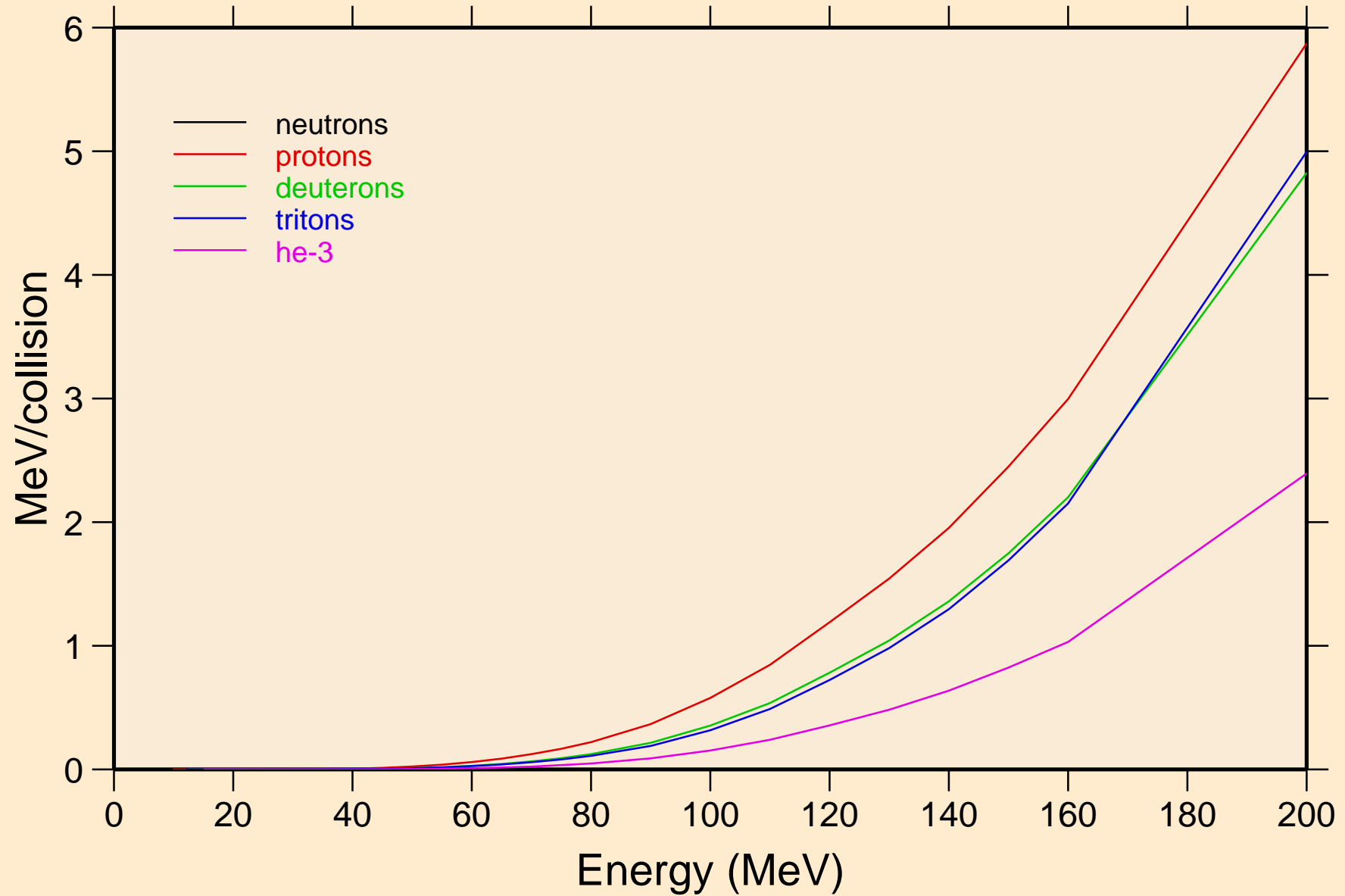
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



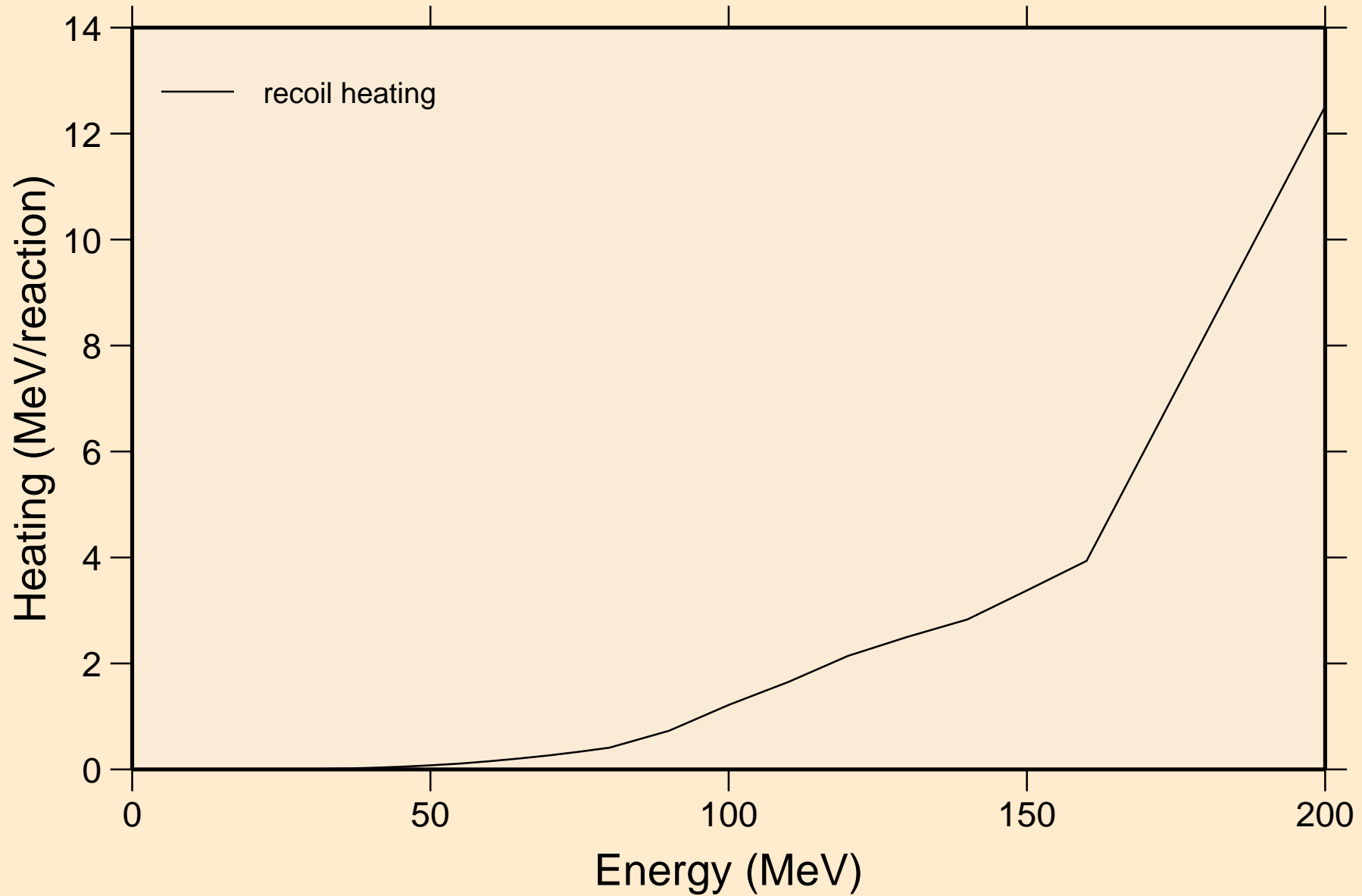
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

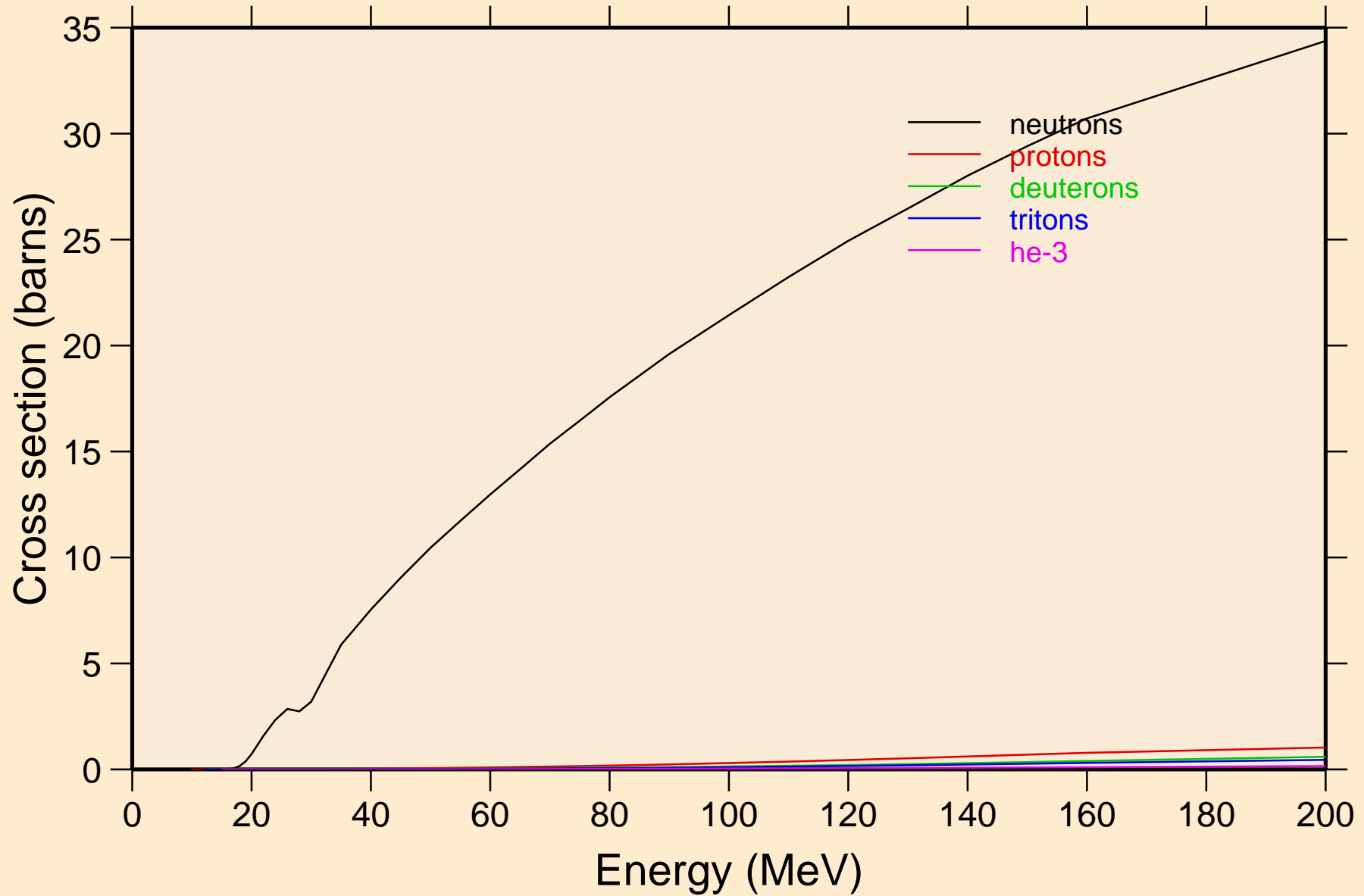


YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

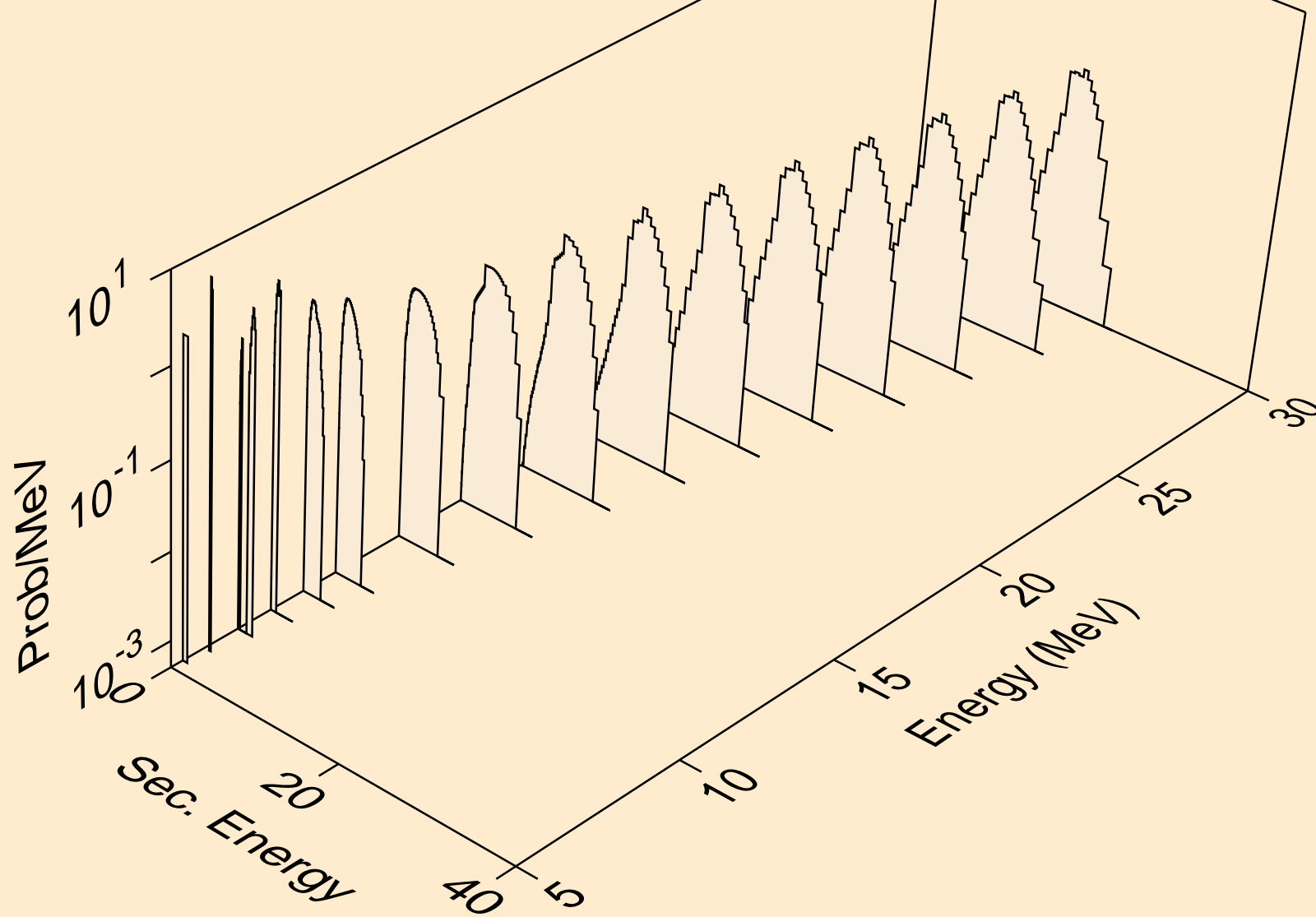


# YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

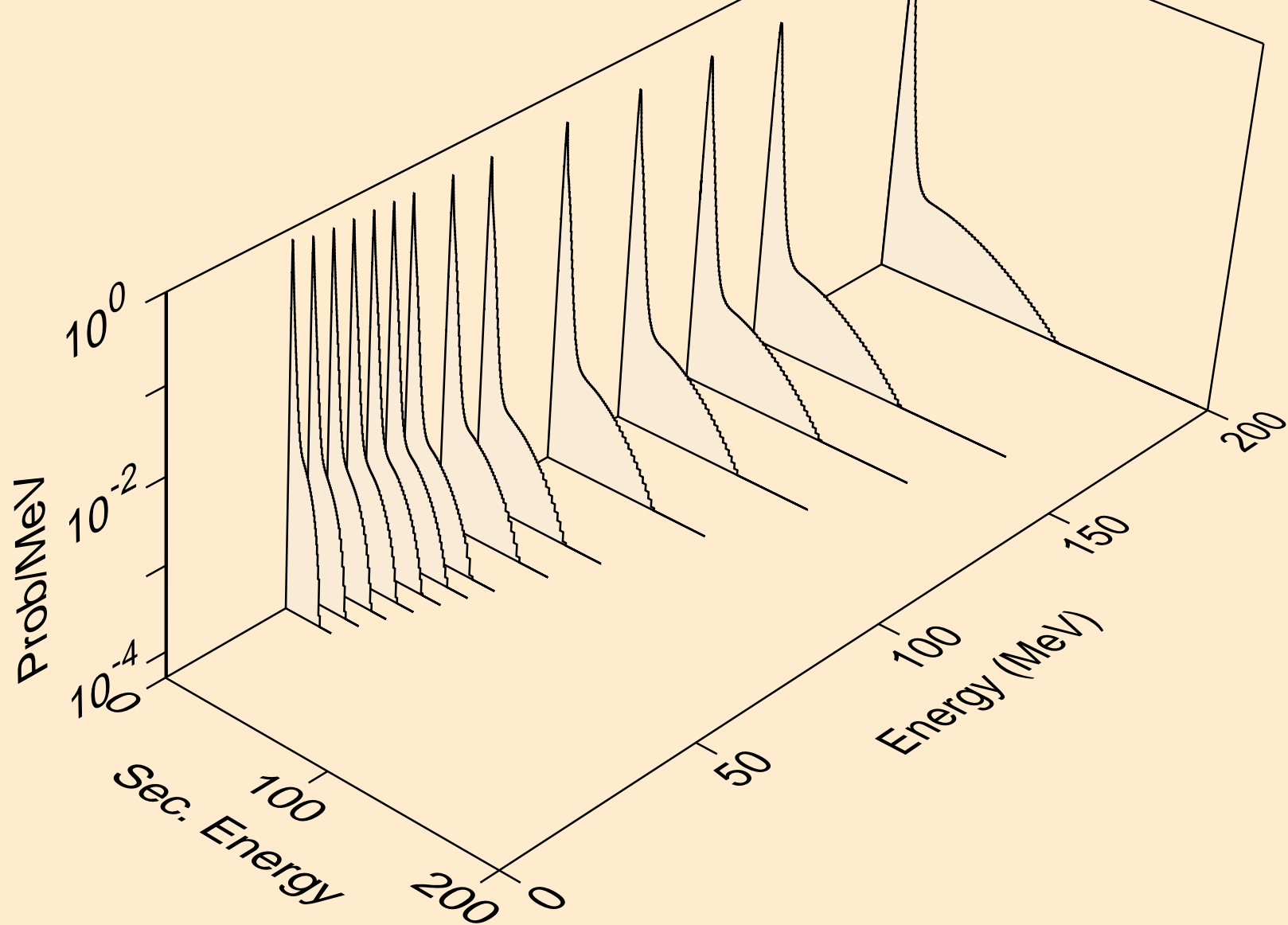
## Particle production cross sections



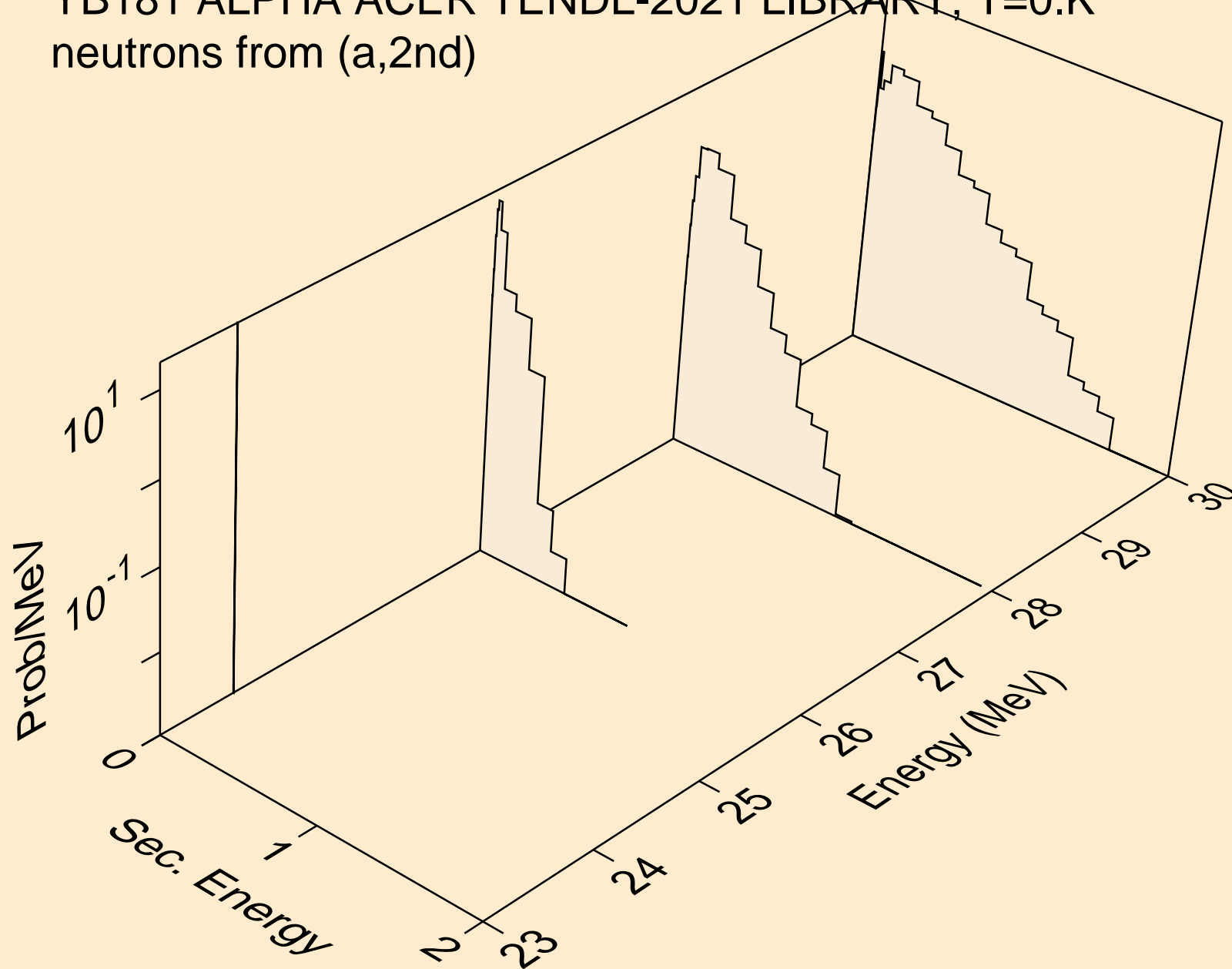
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



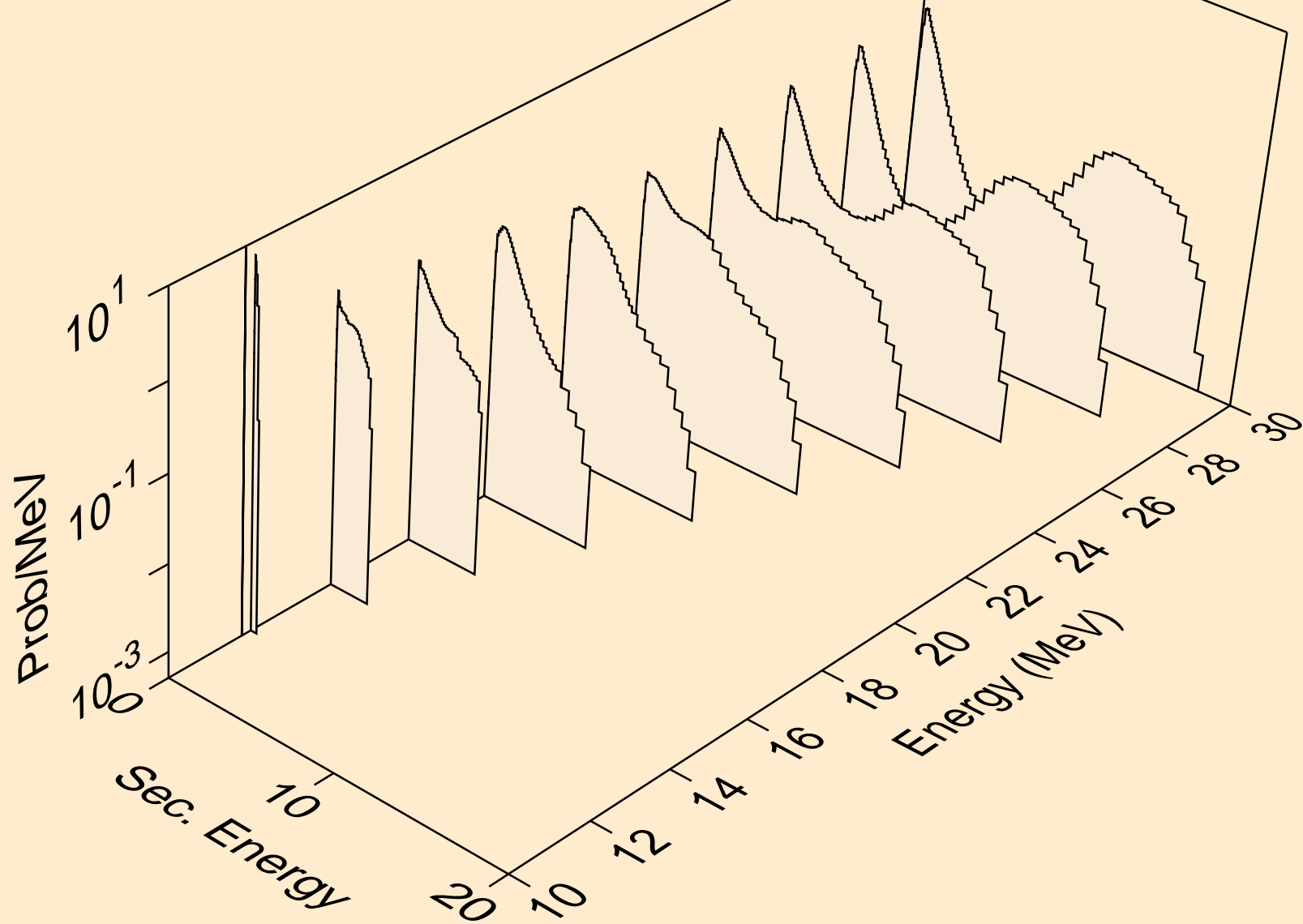
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neutrons from (a,x)



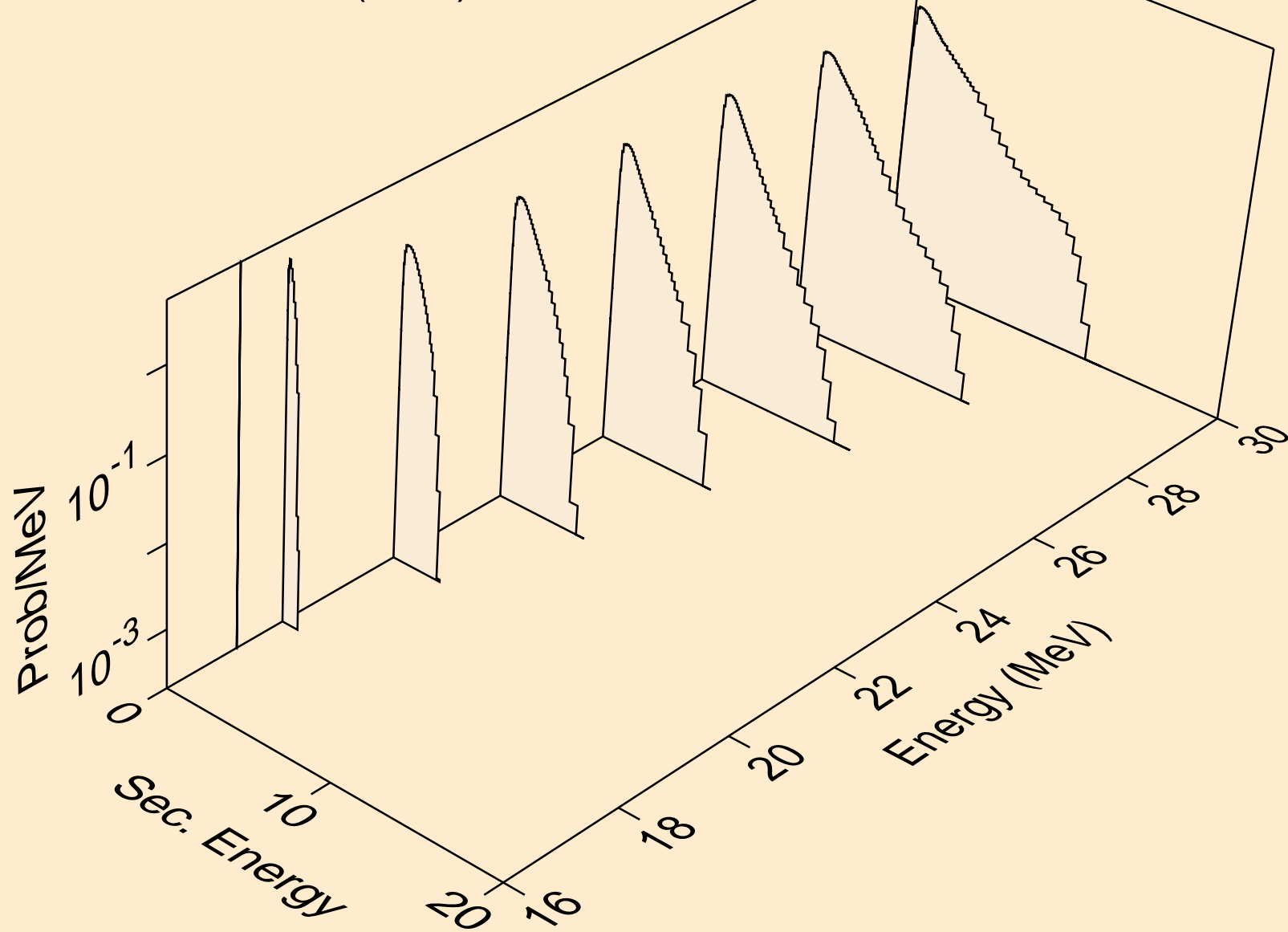
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2nd)



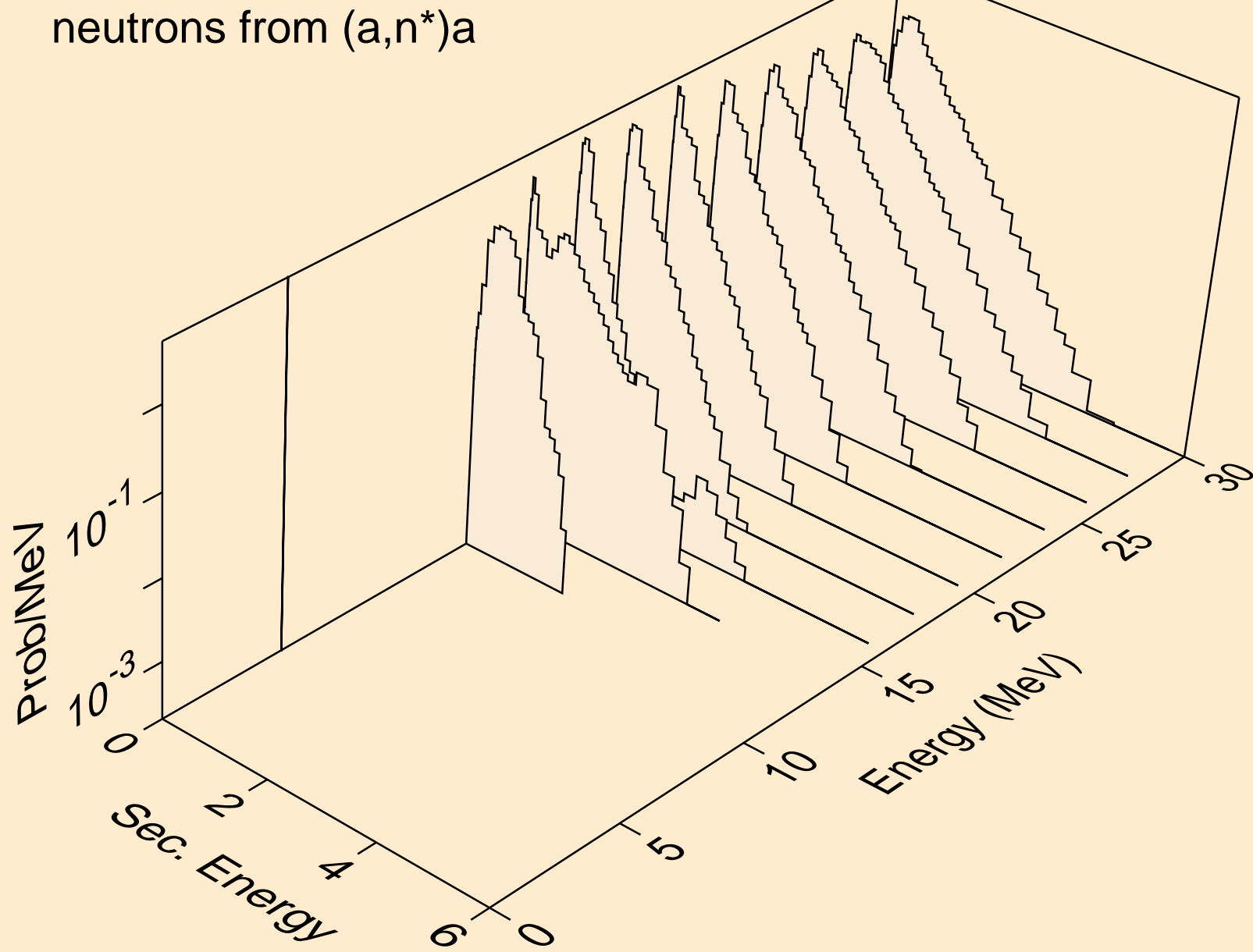
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neutrons from (a,2n)



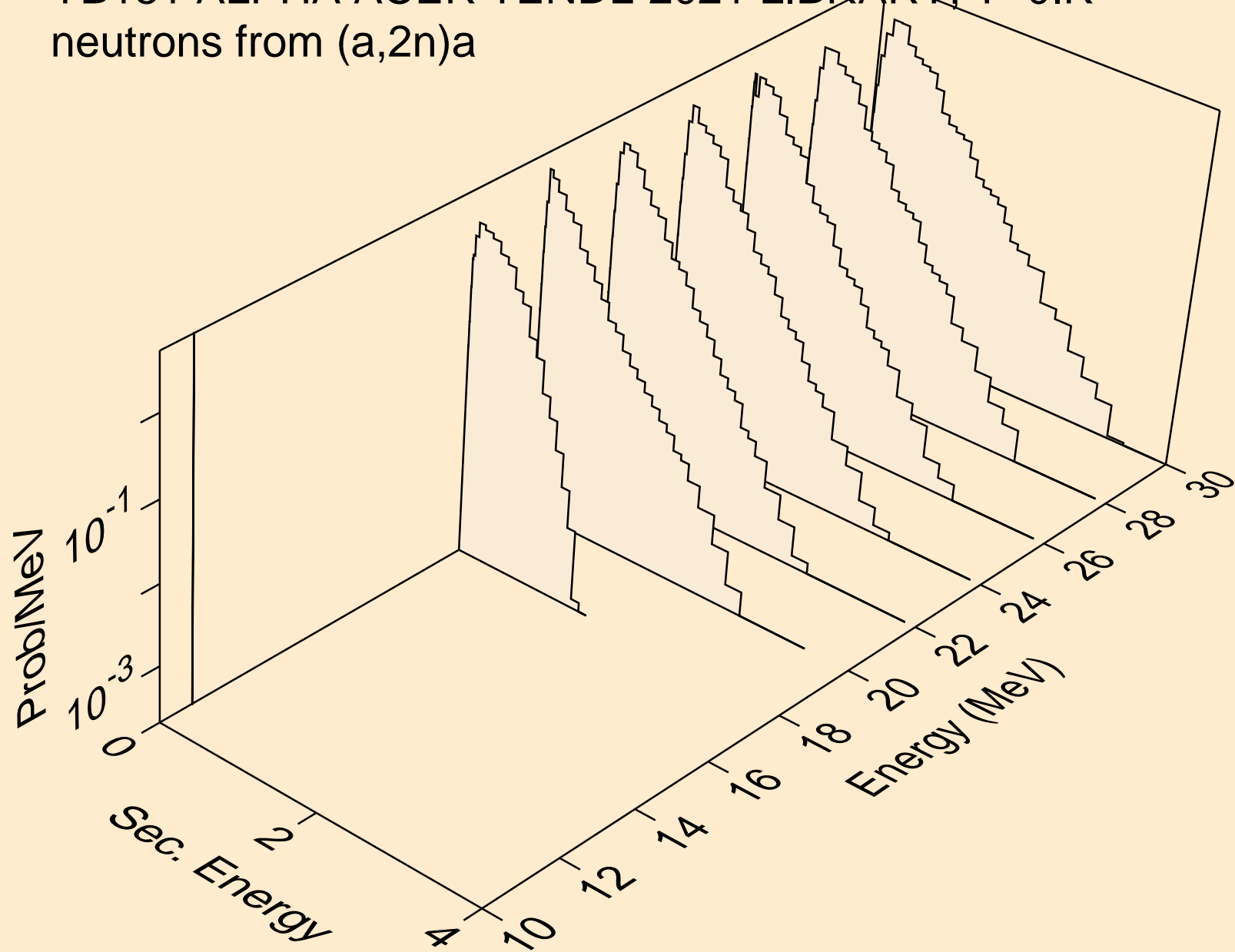
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neutrons from (a,3n)



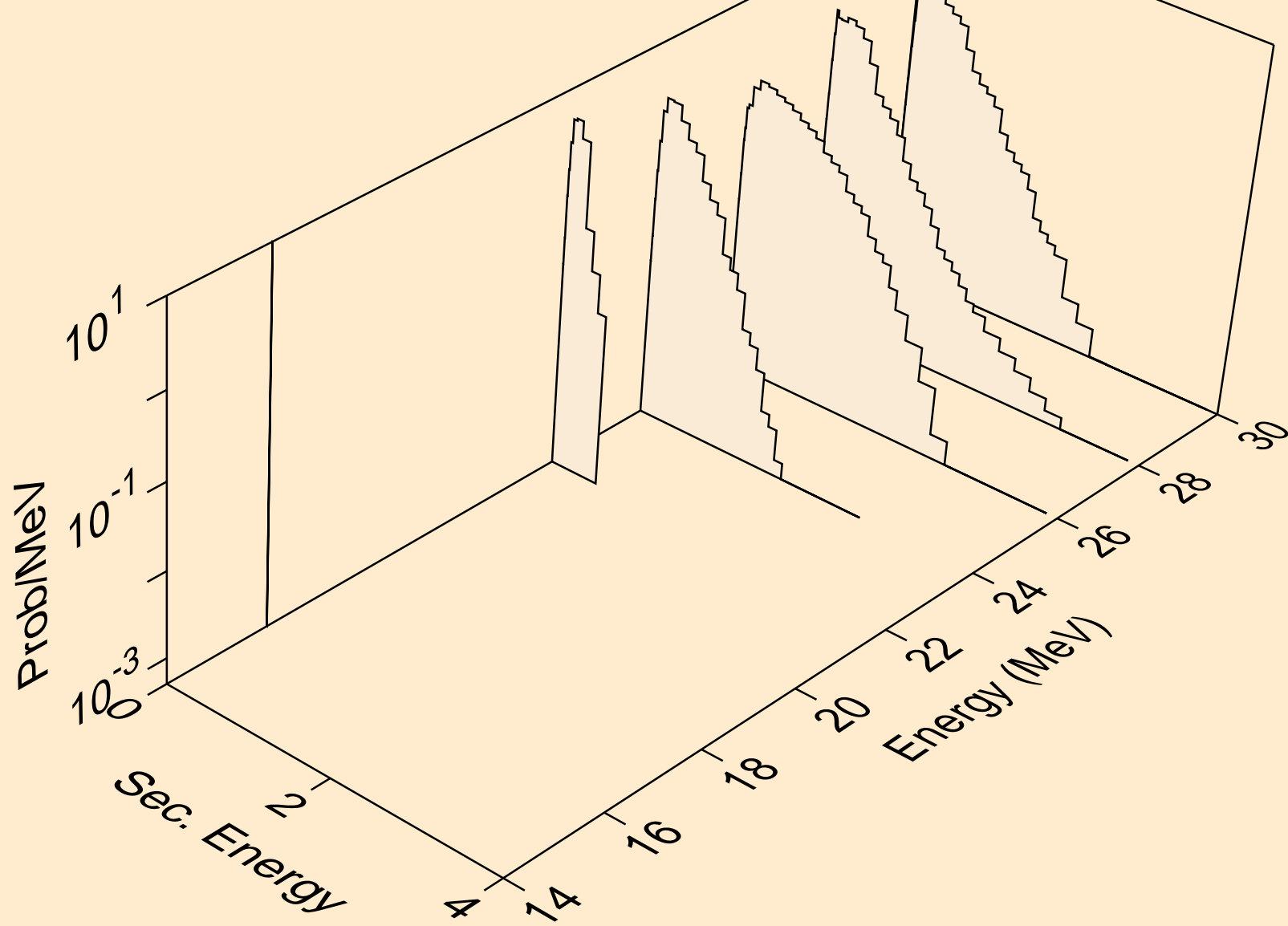
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



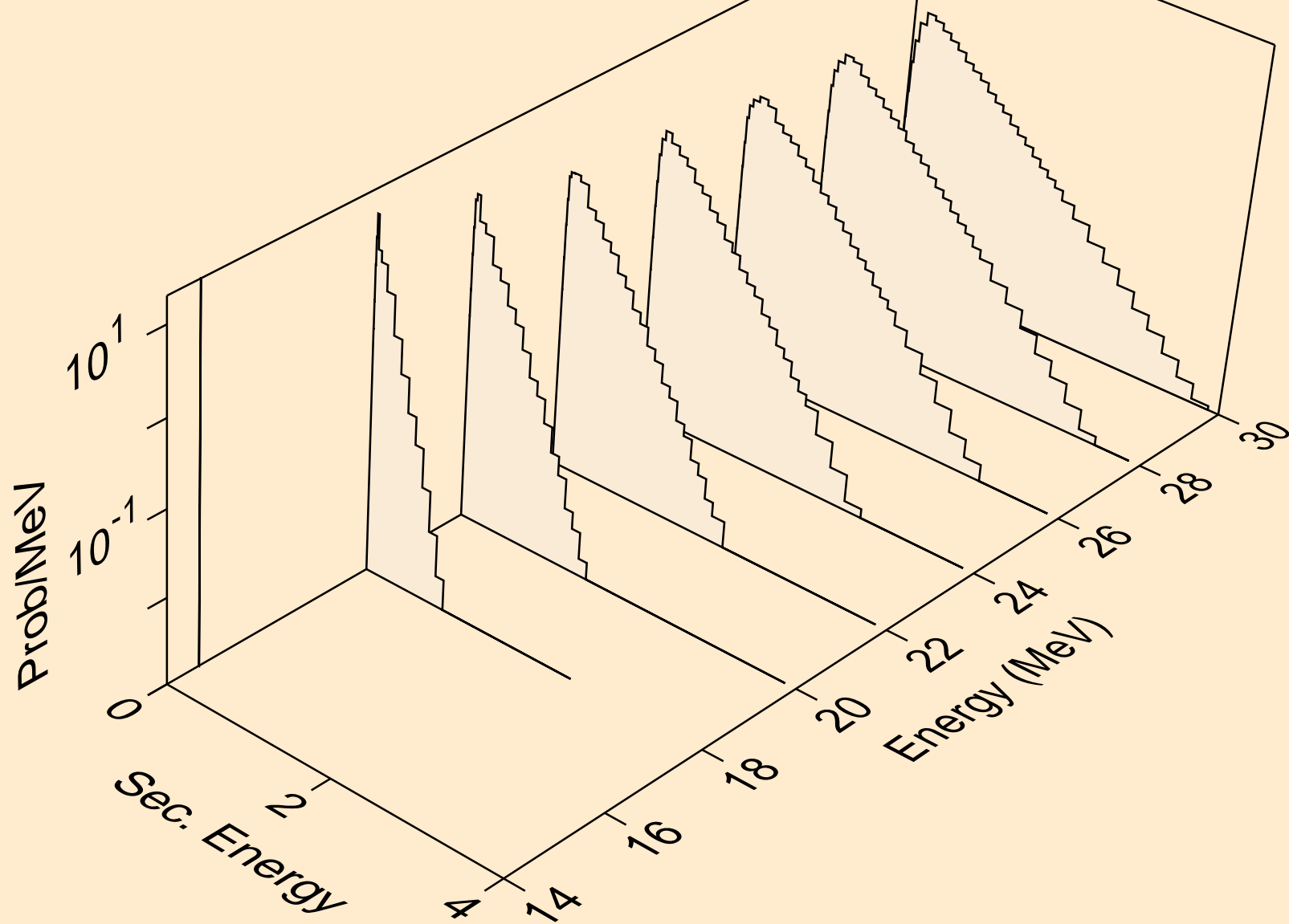
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neutrons from (a,2n)a



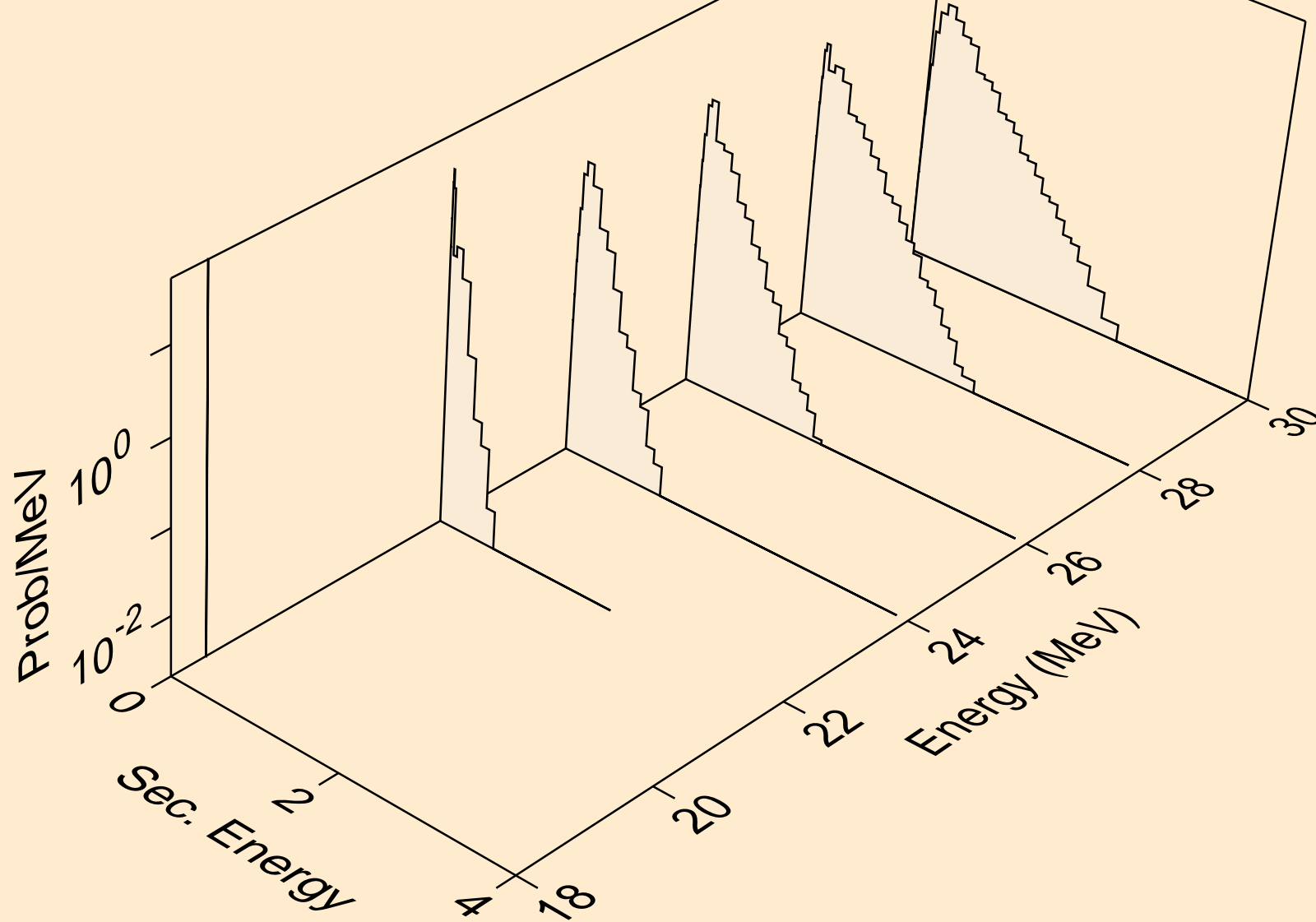
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neutrons from (a,3n)a



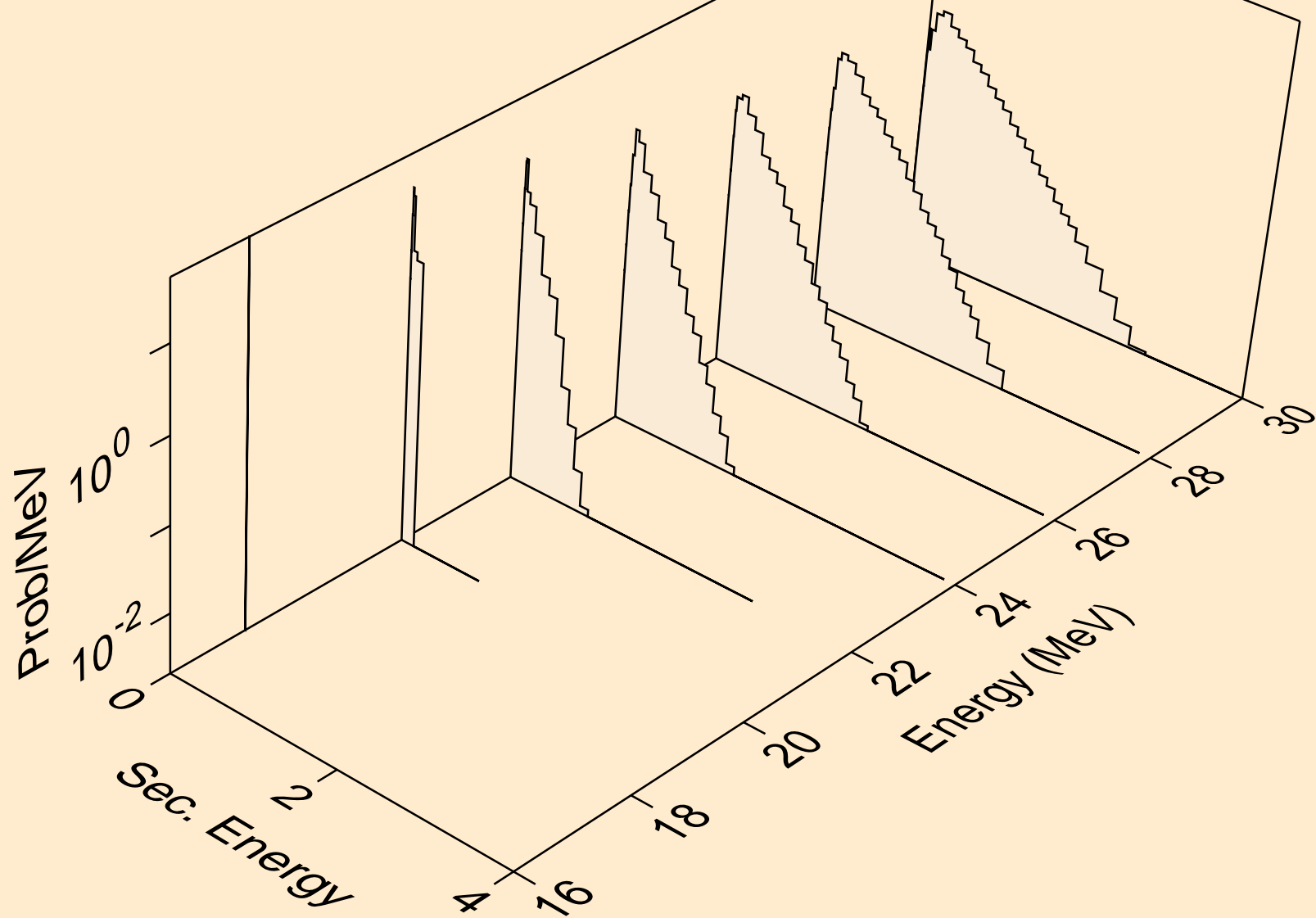
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



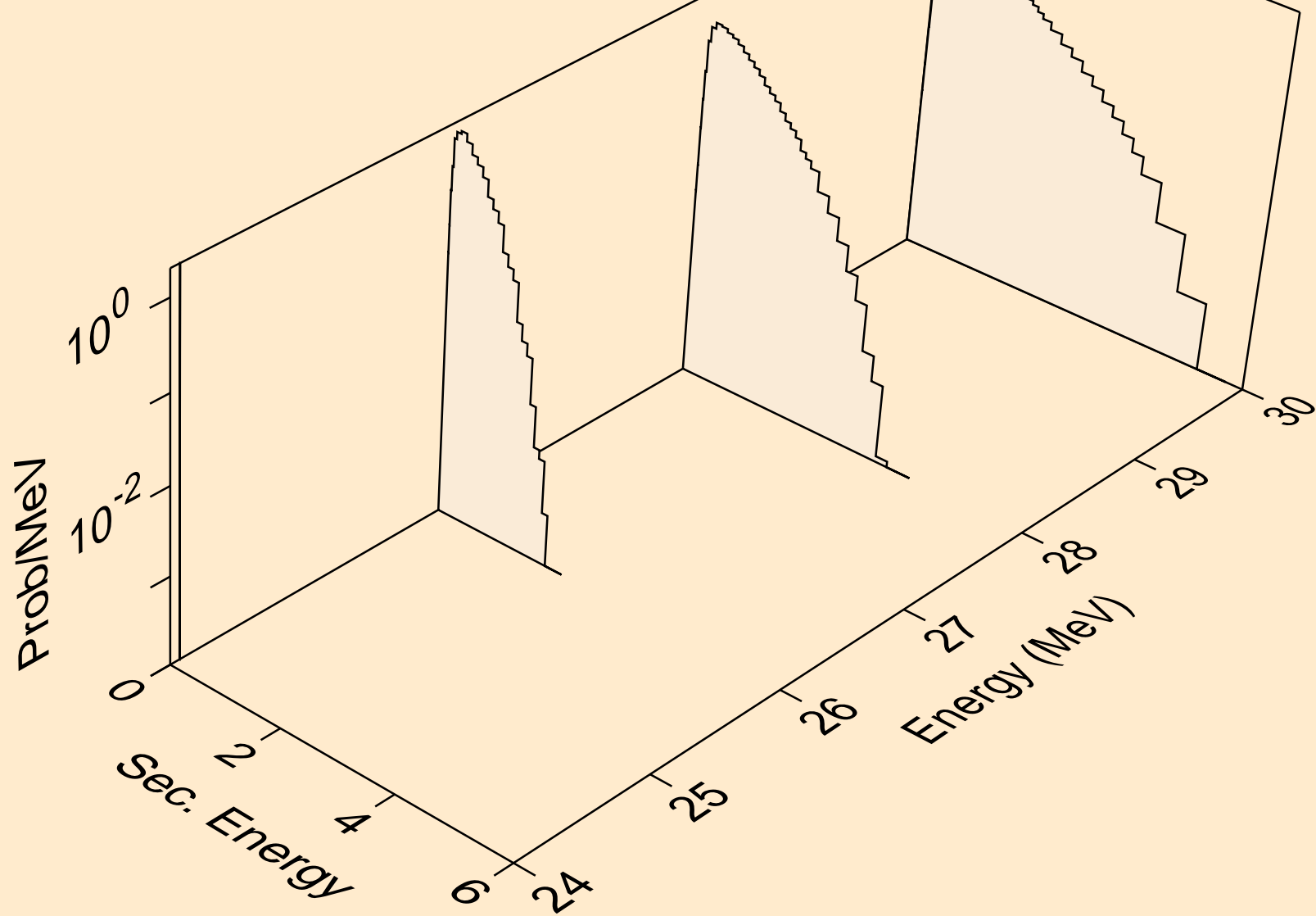
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



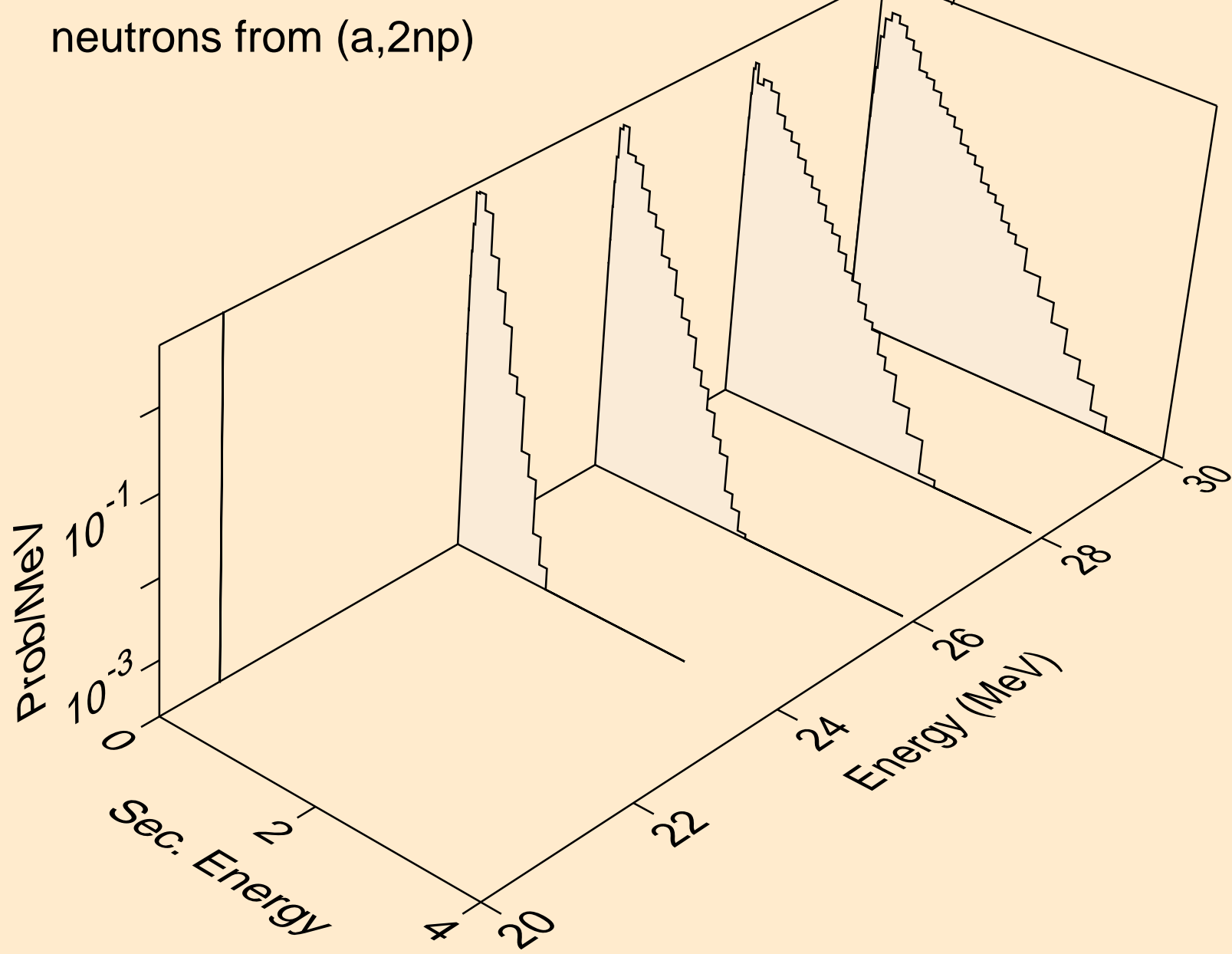
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t



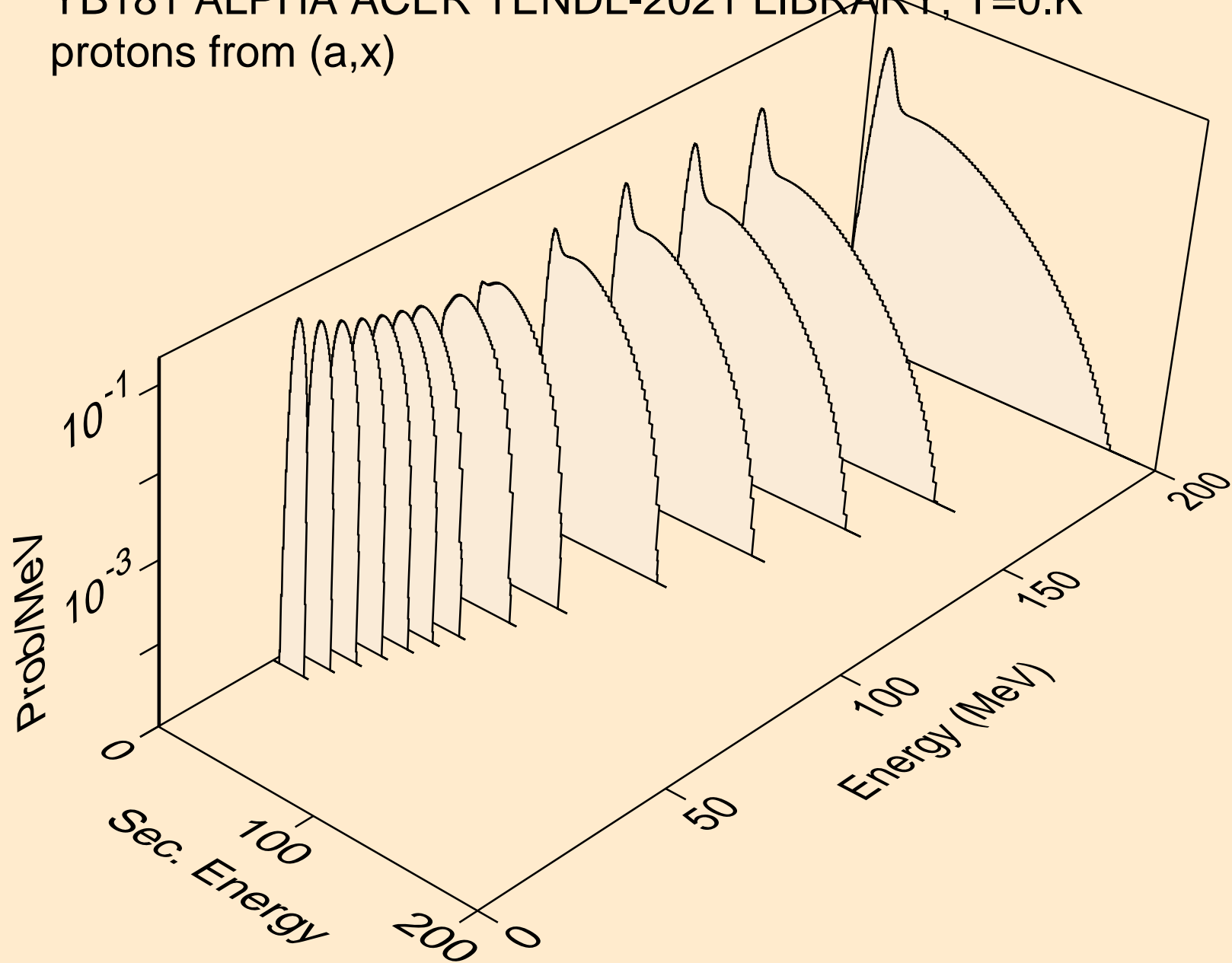
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,4n)



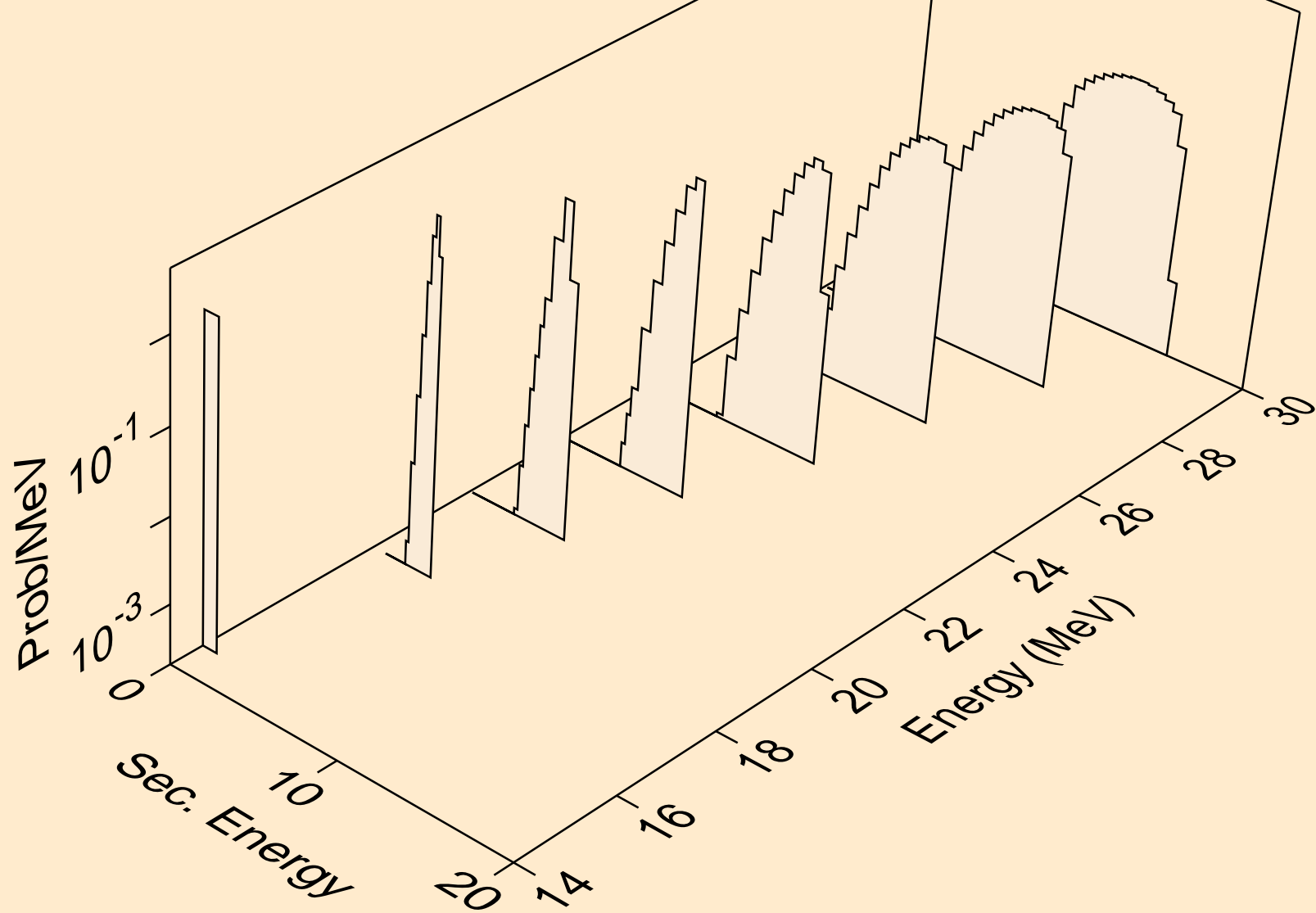
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neutrons from (a,2np)



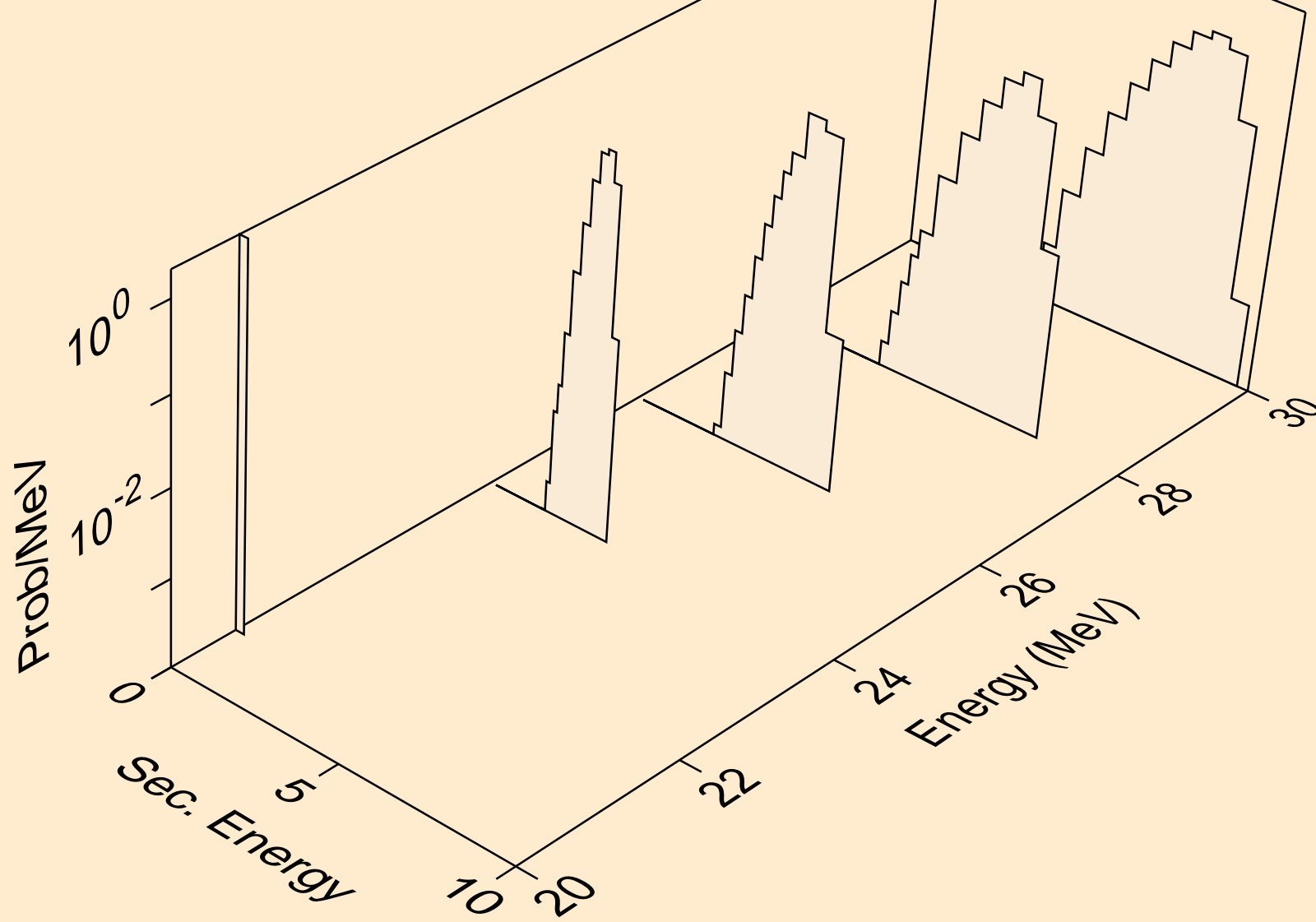
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



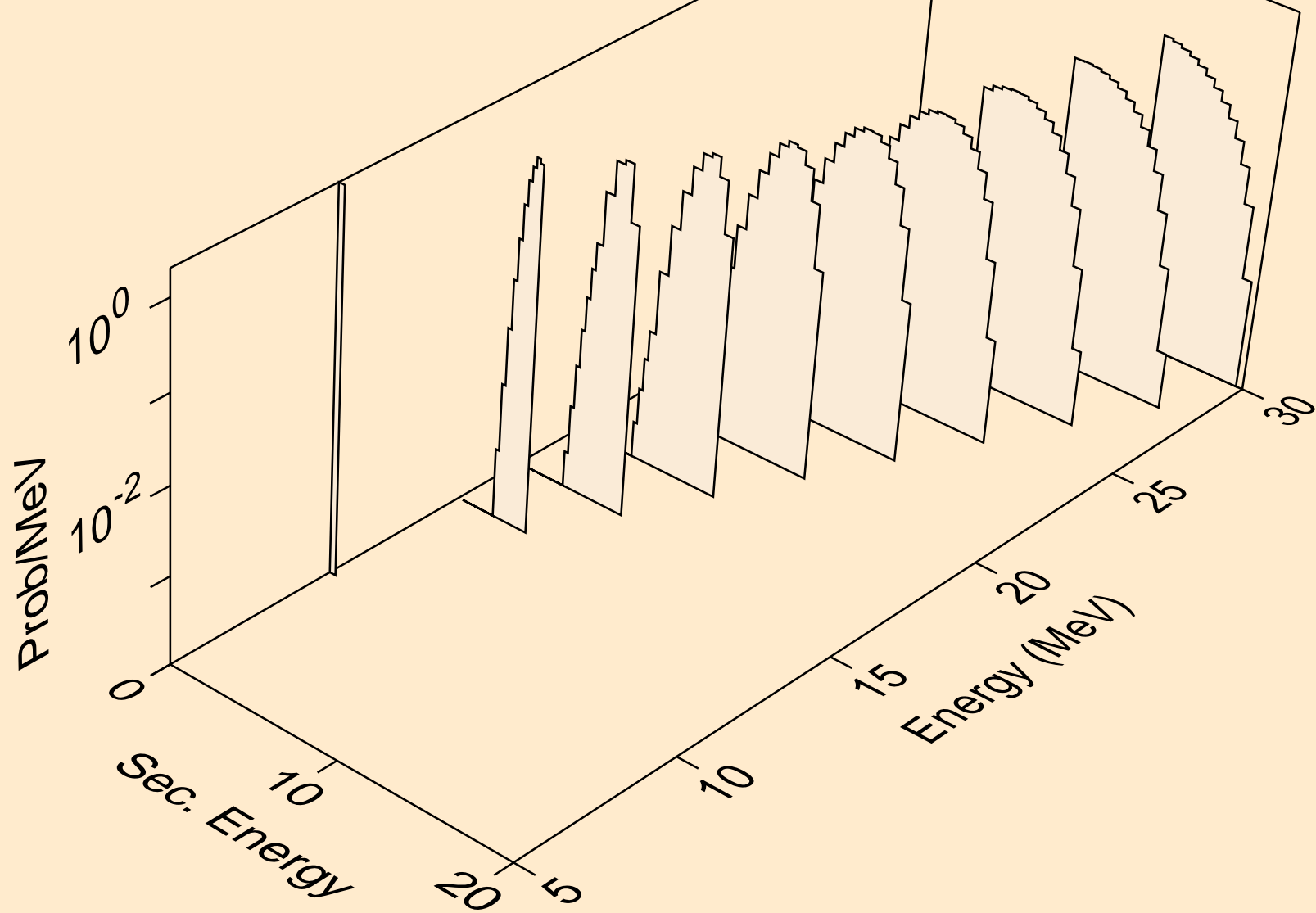
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protons from (a,n\*)p



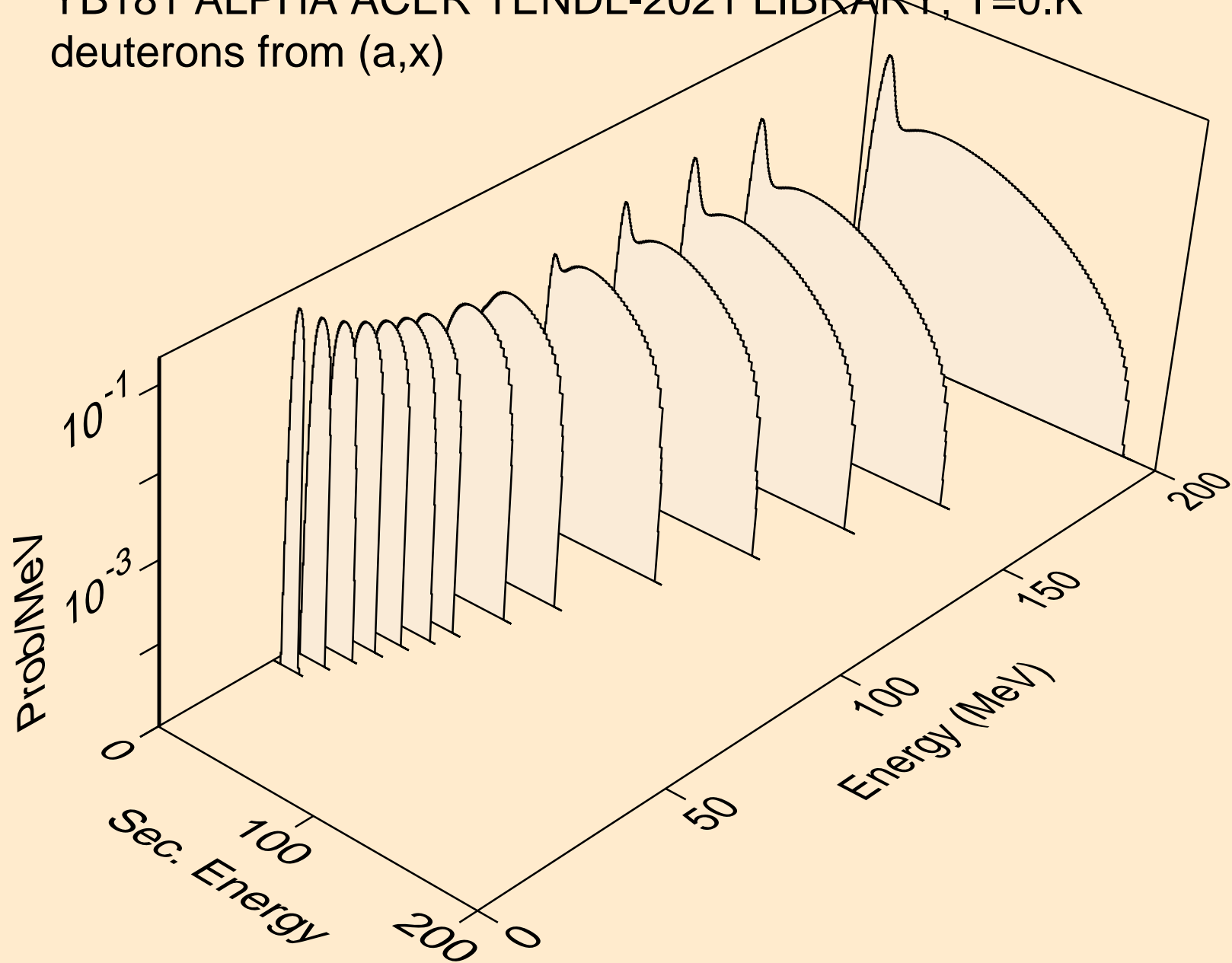
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protons from (a,2np)



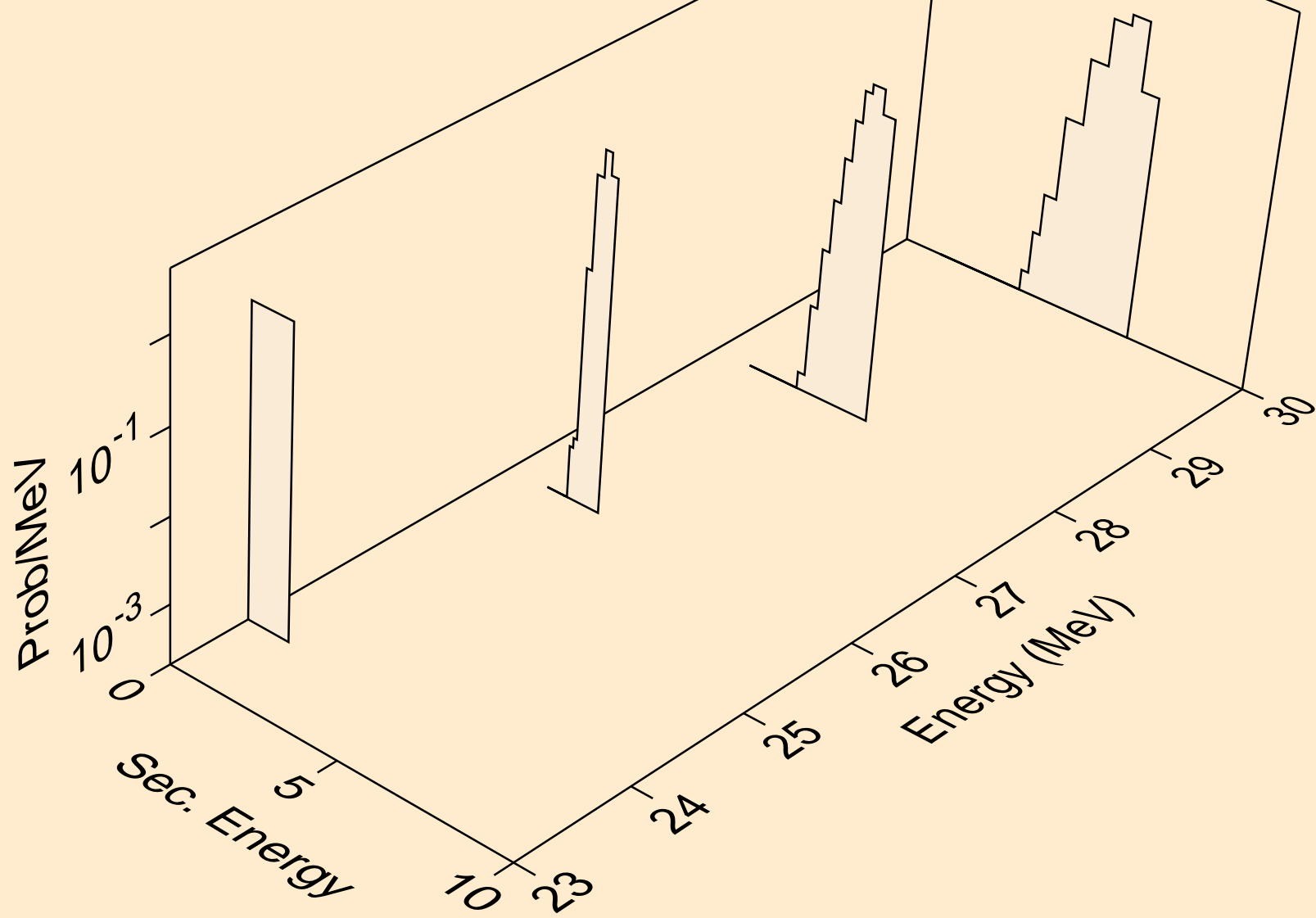
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protons from (a,p)



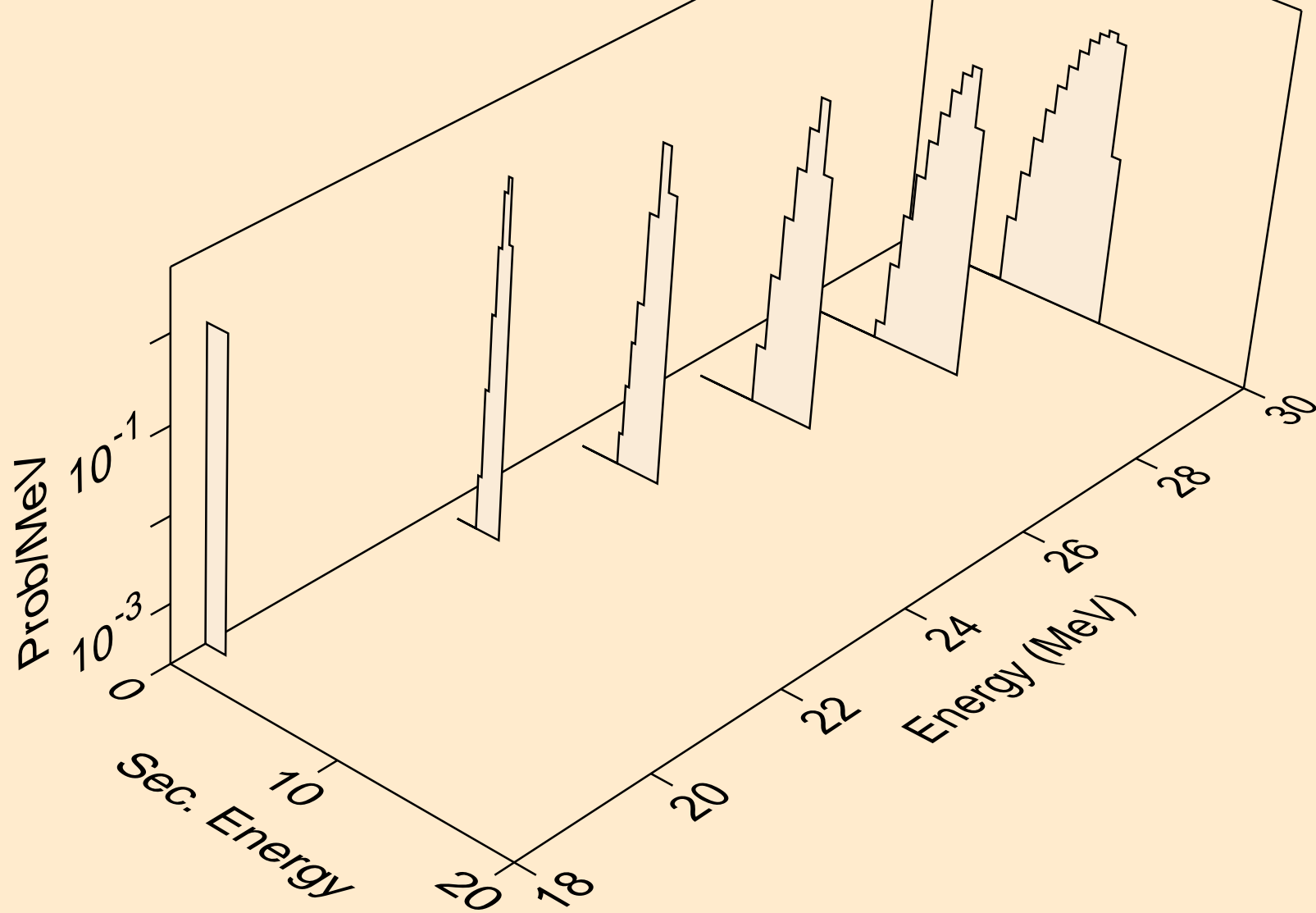
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deuterons from (a,x)



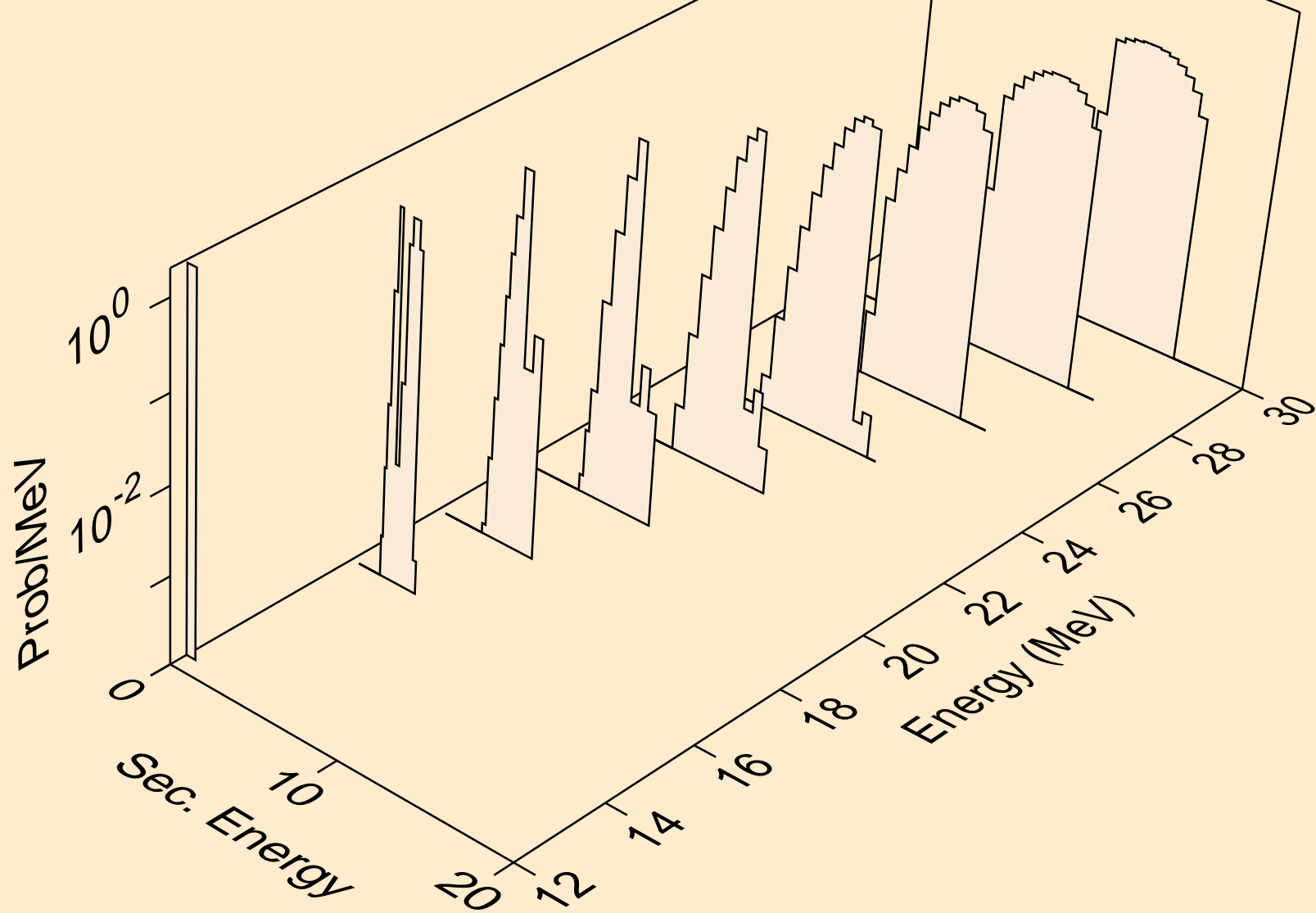
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deuterons from (a,2nd)



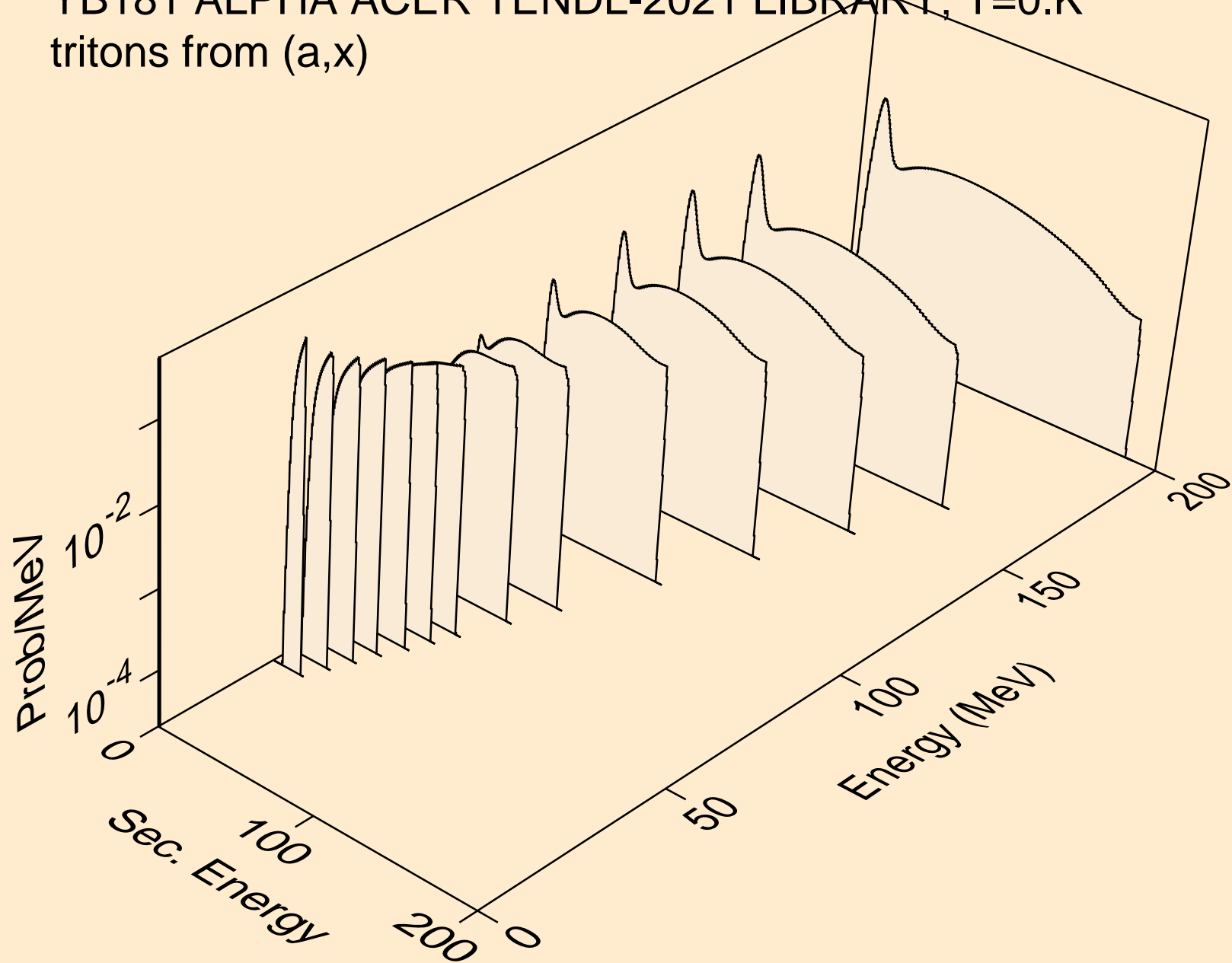
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deuterons from (a,n\*)d



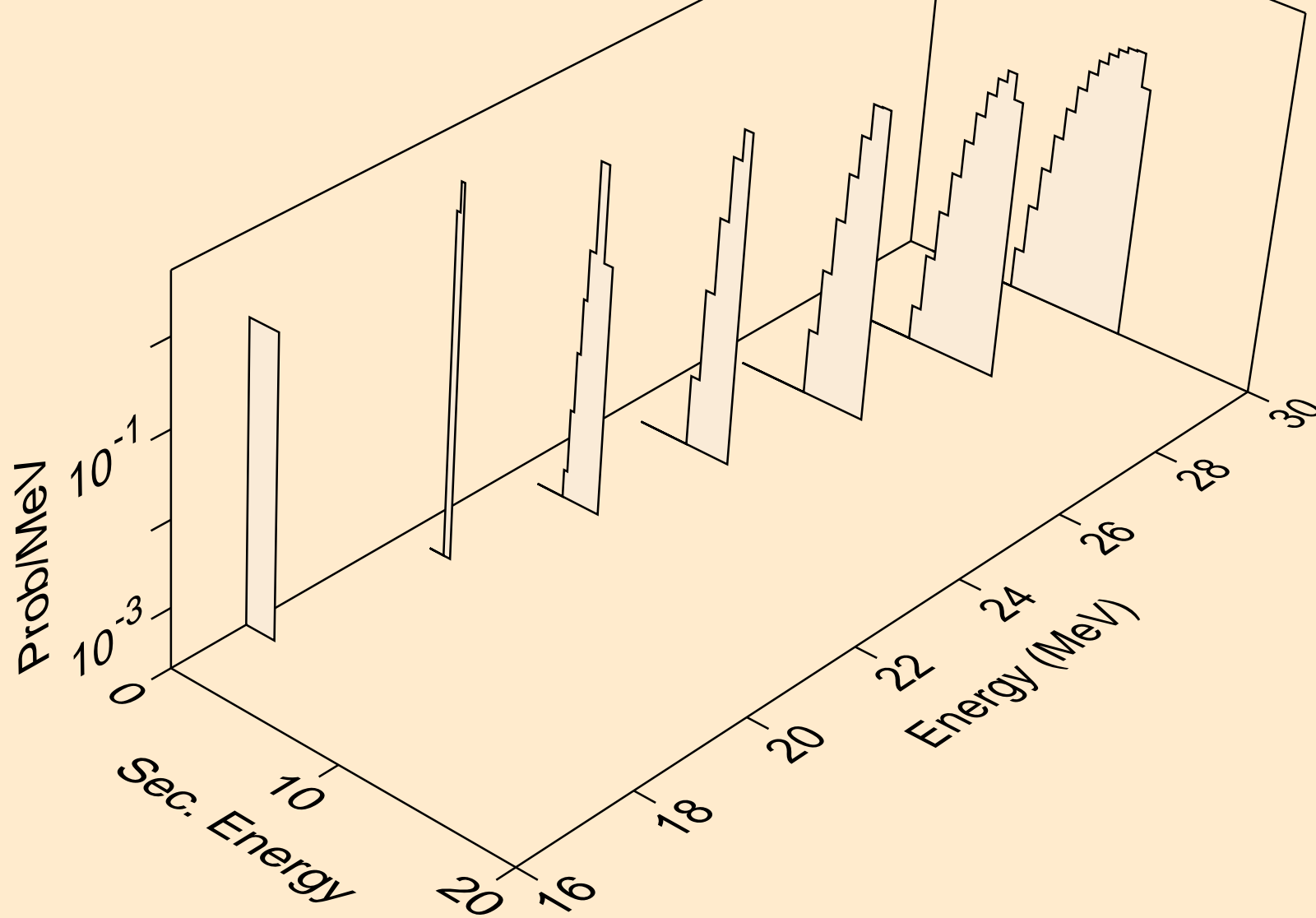
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deuterons from (a,d)



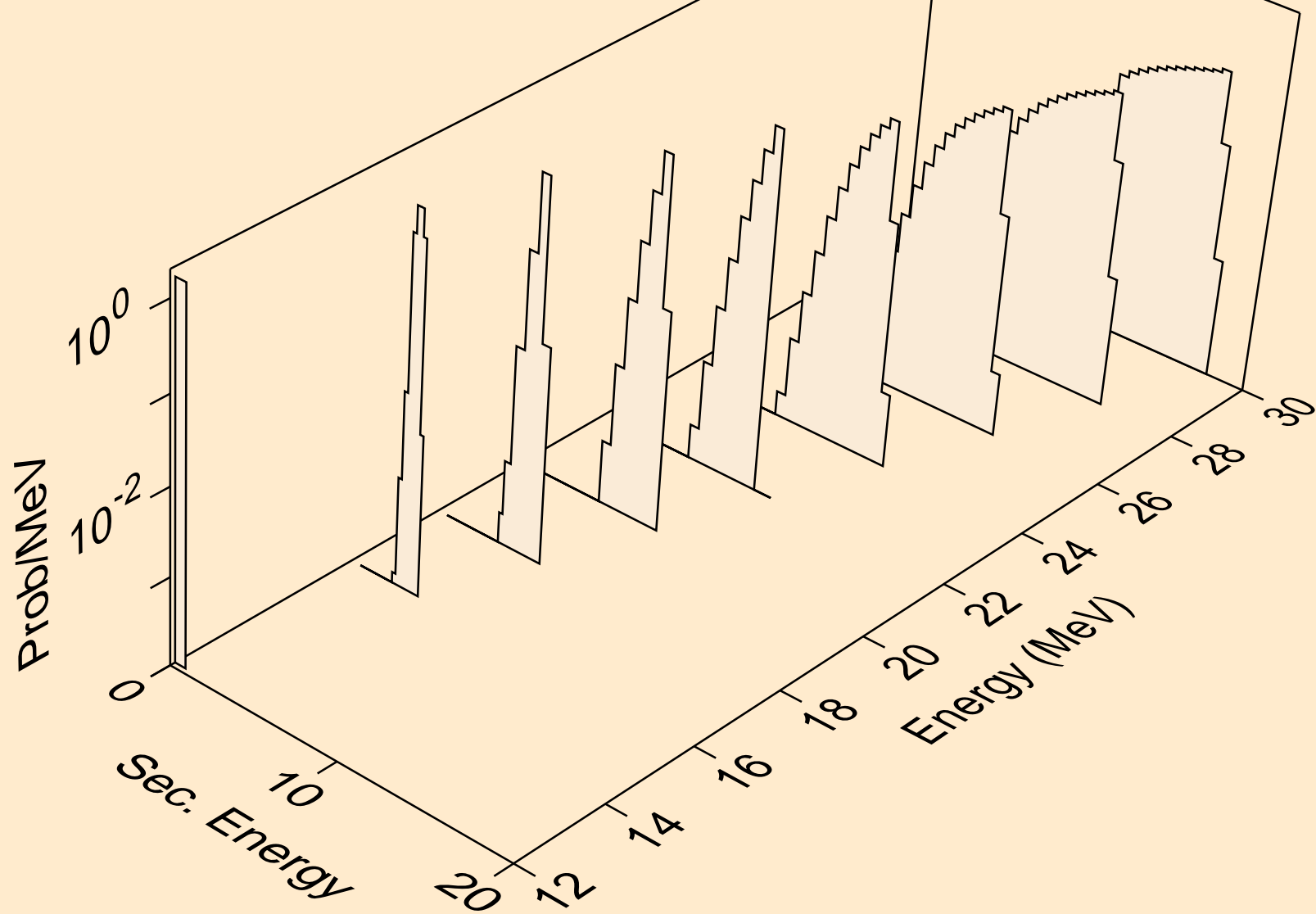
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



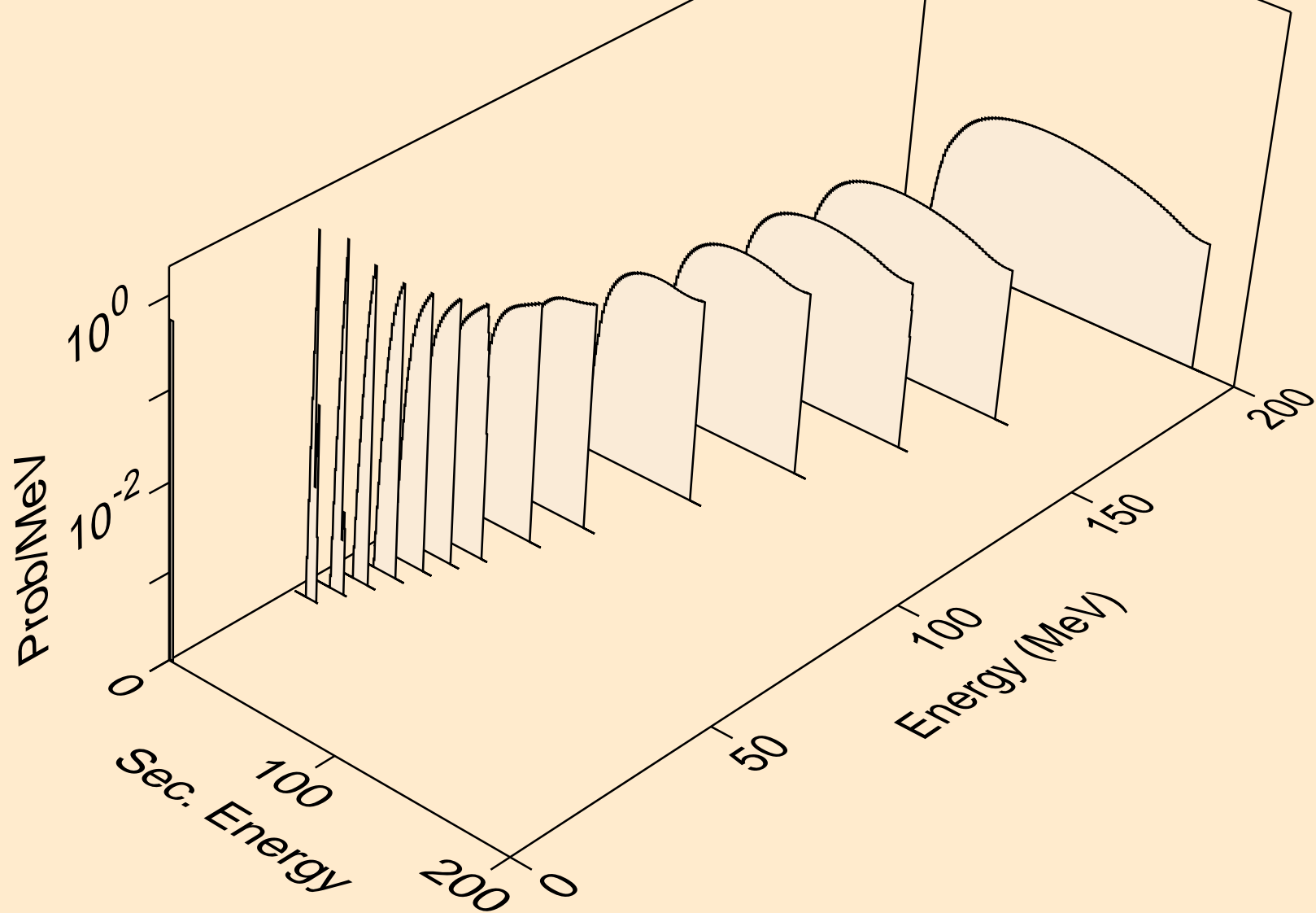
YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



YB181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

