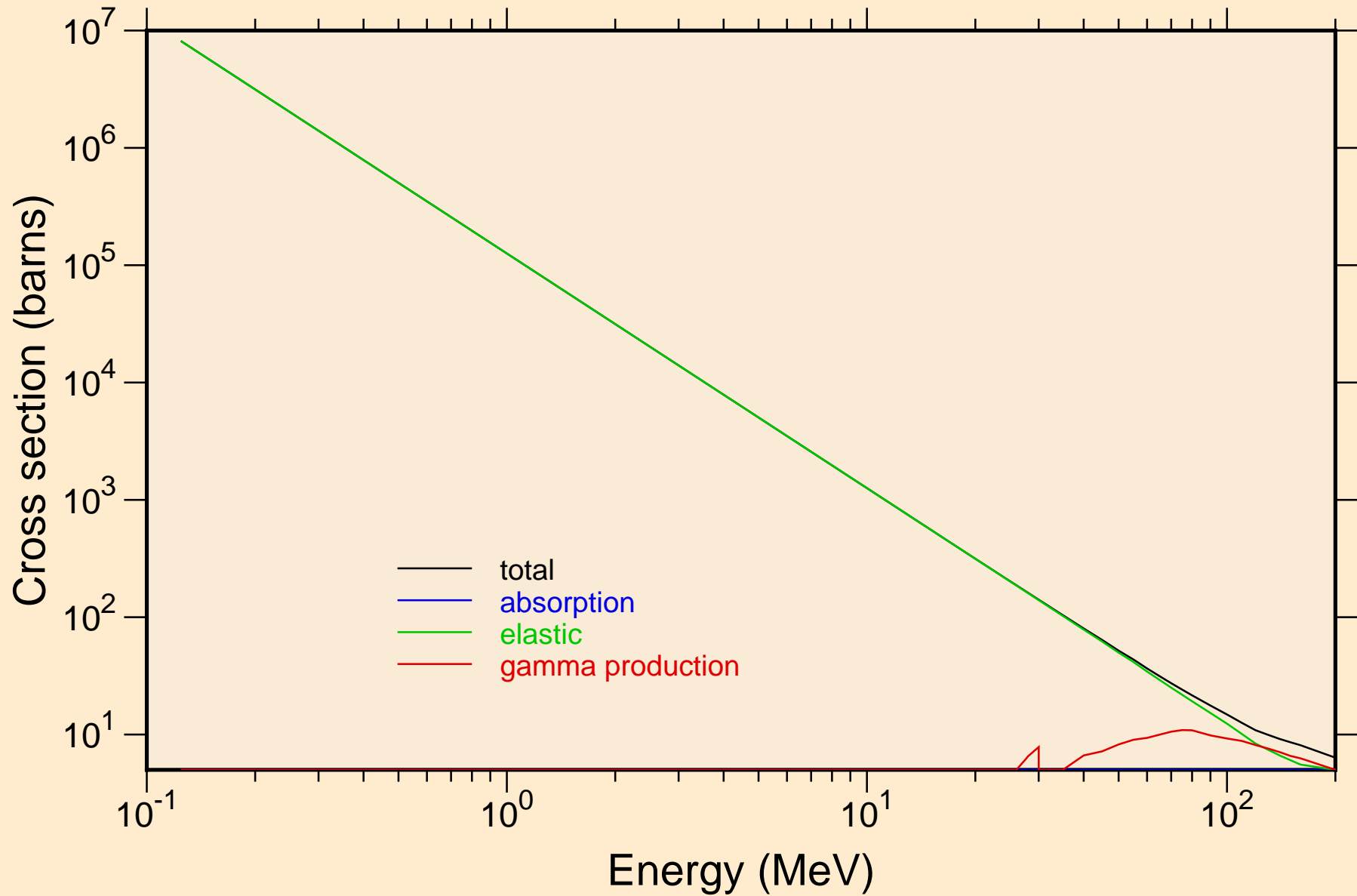


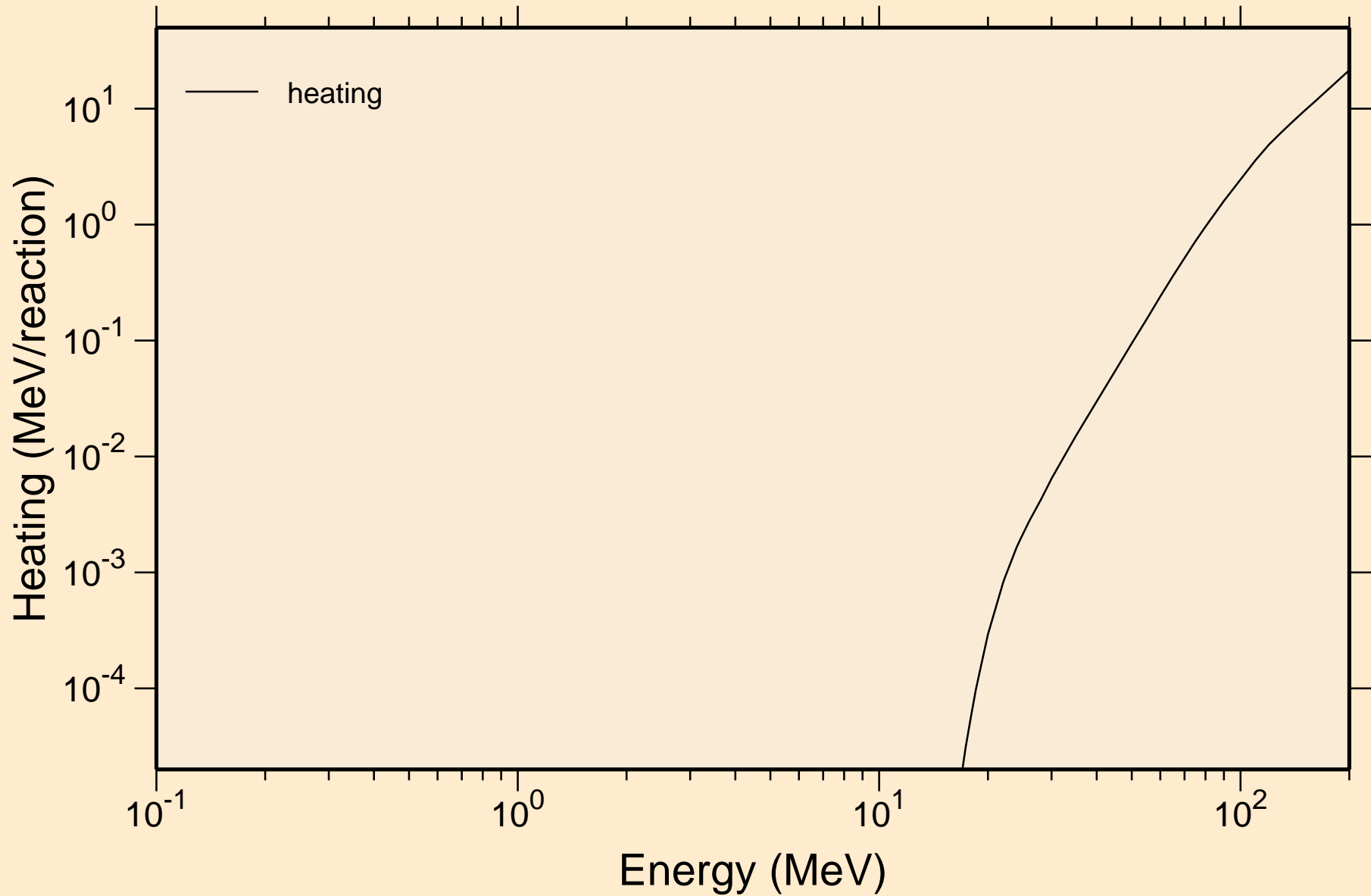
# YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



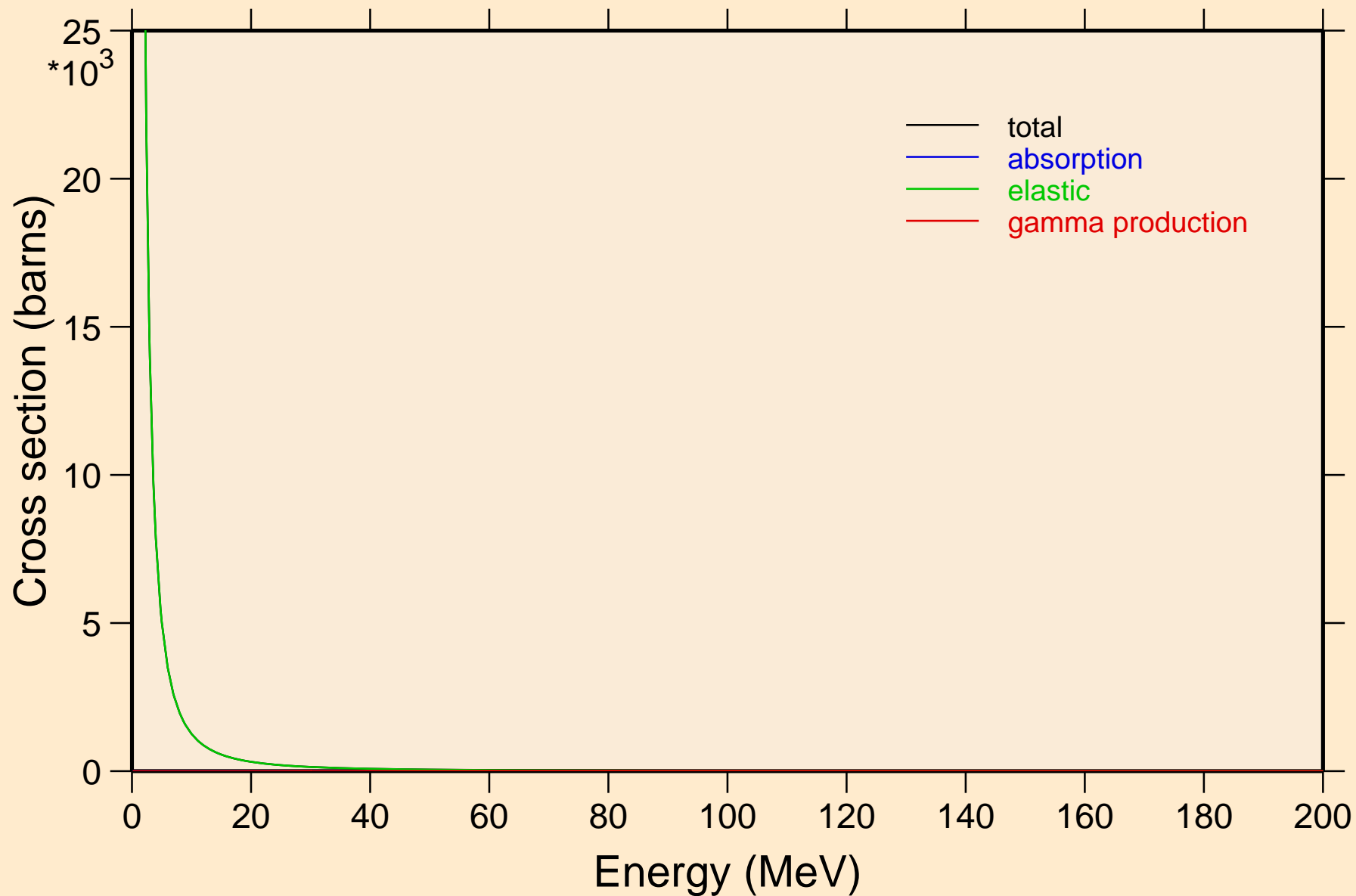
# YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Heating



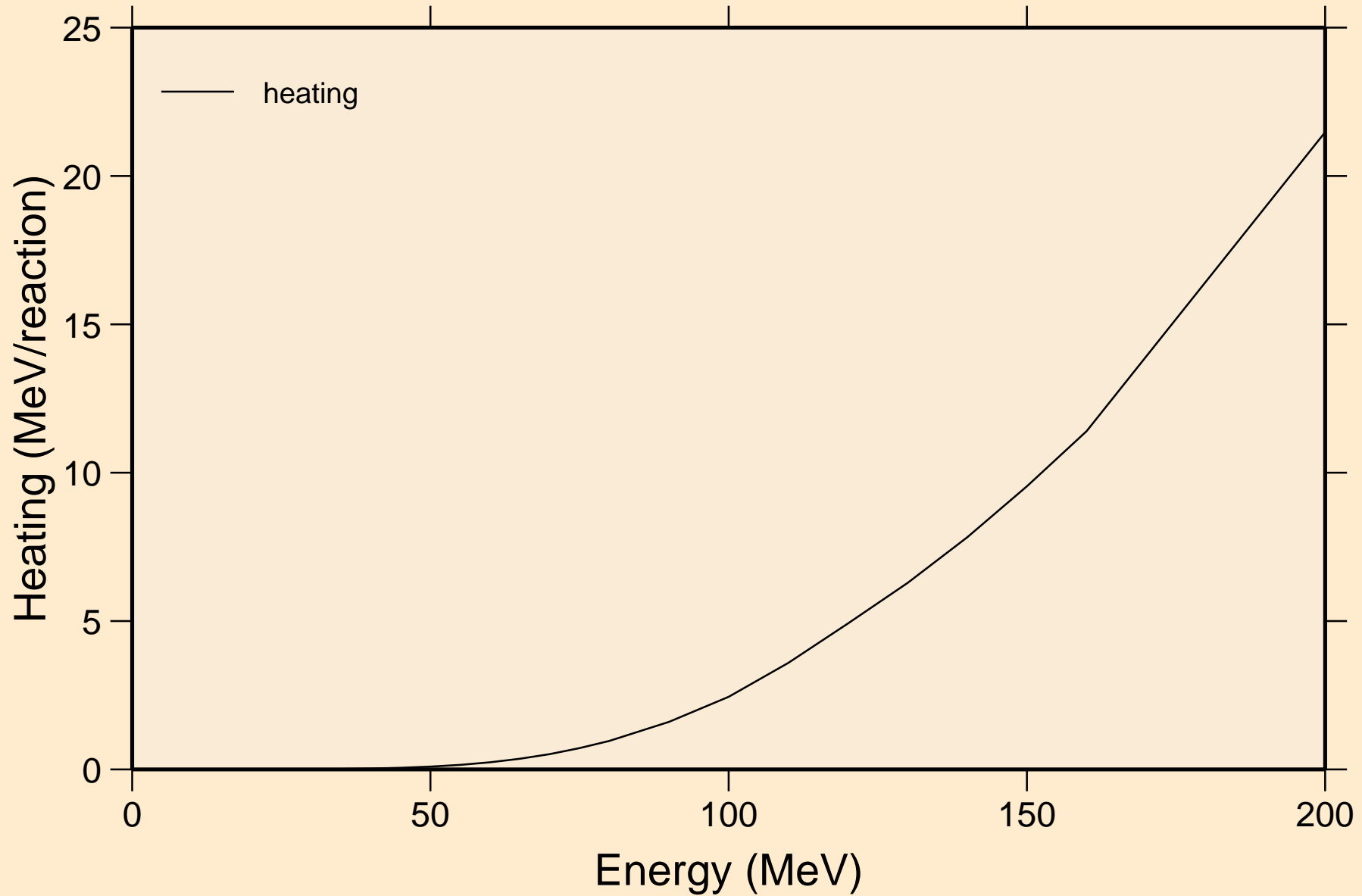
# YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

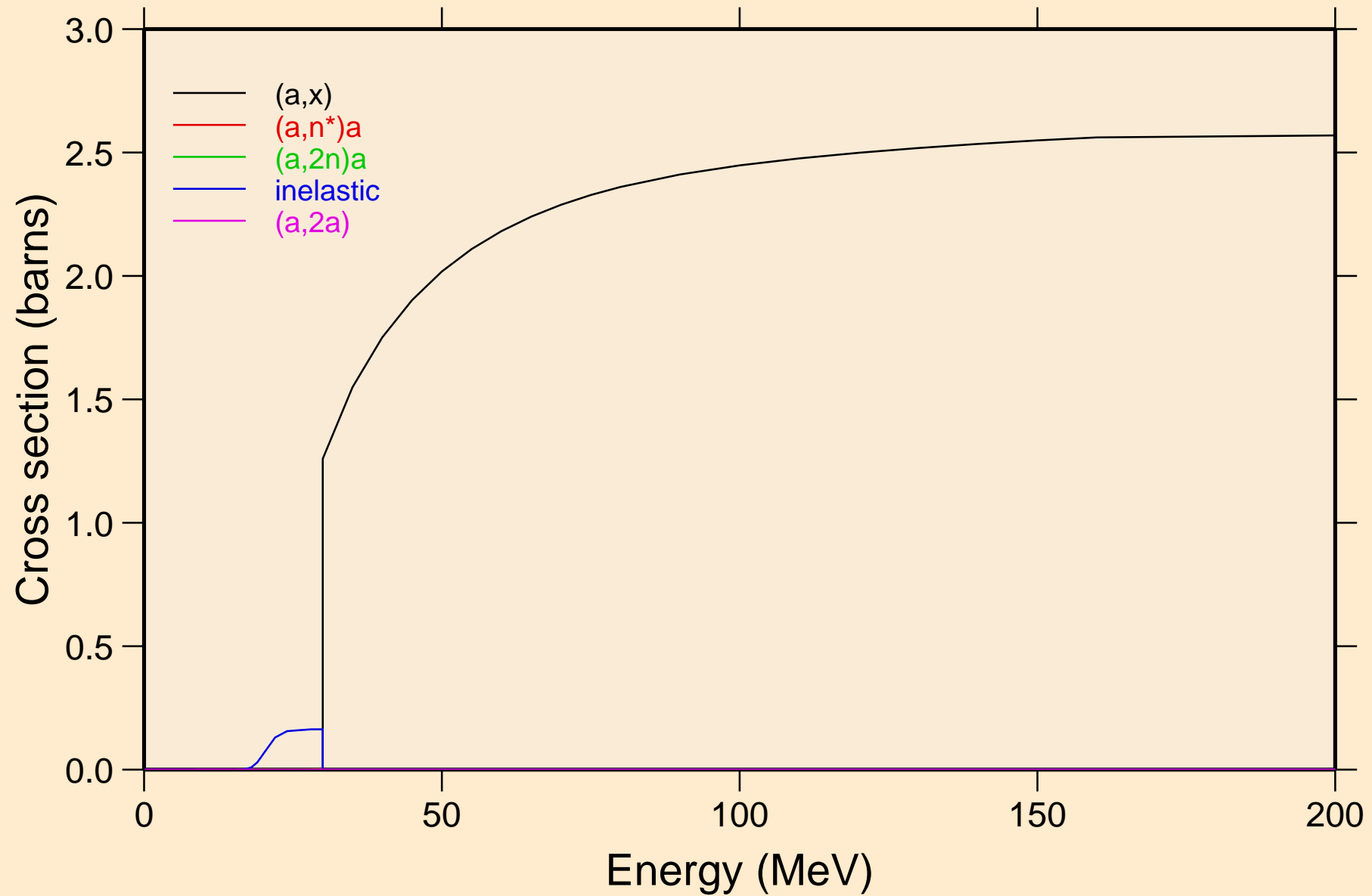


YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

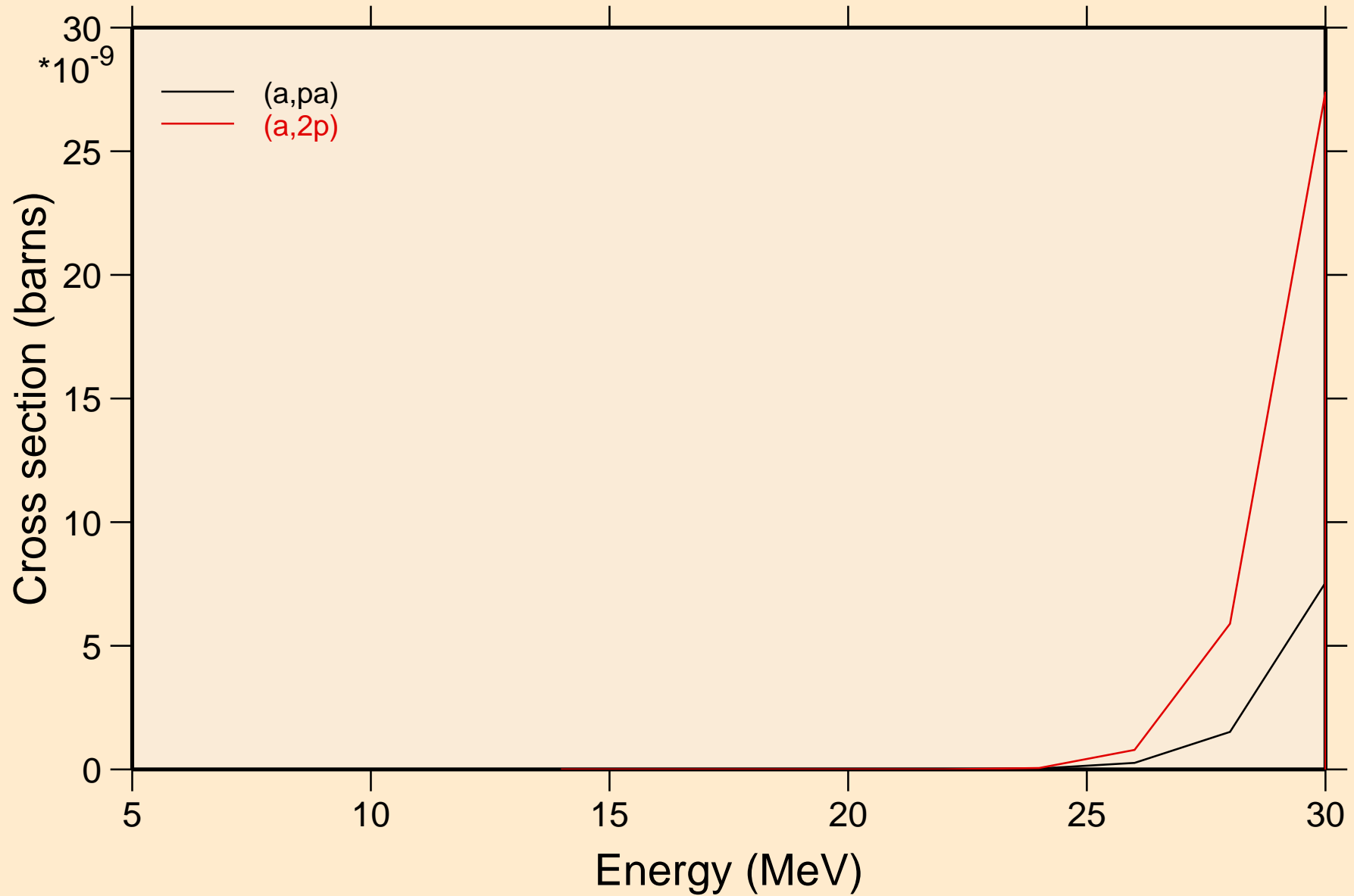
Heating



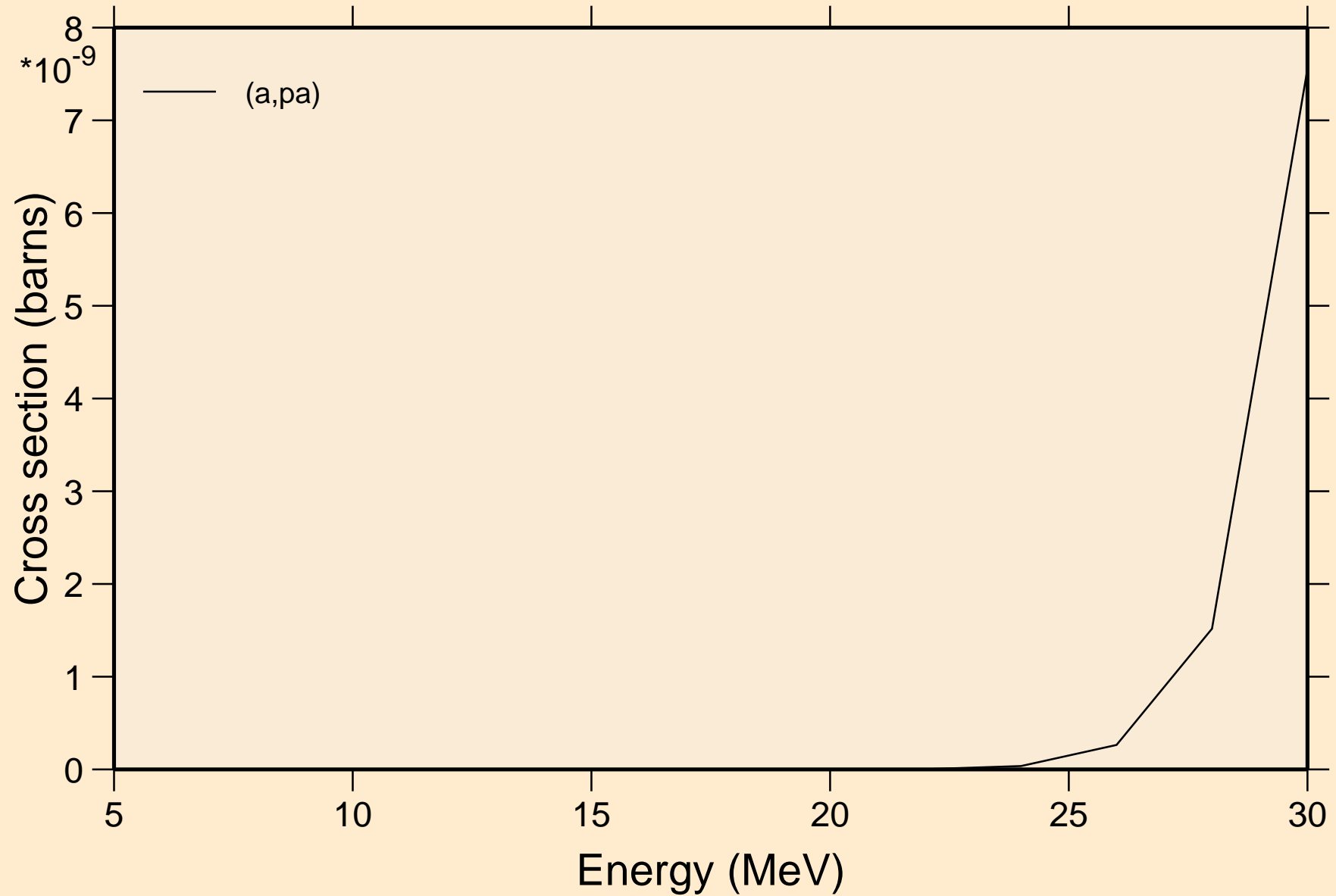
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



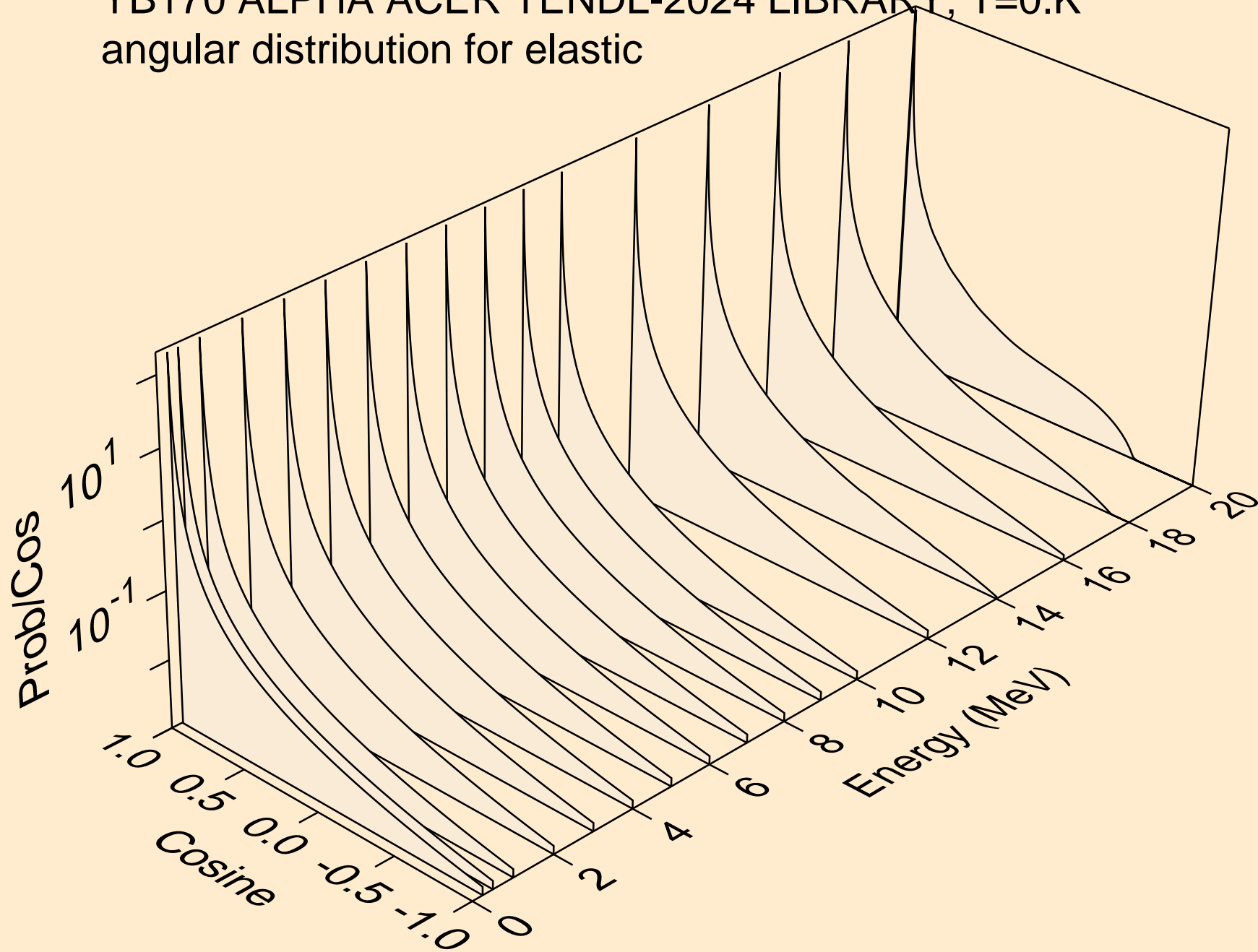
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



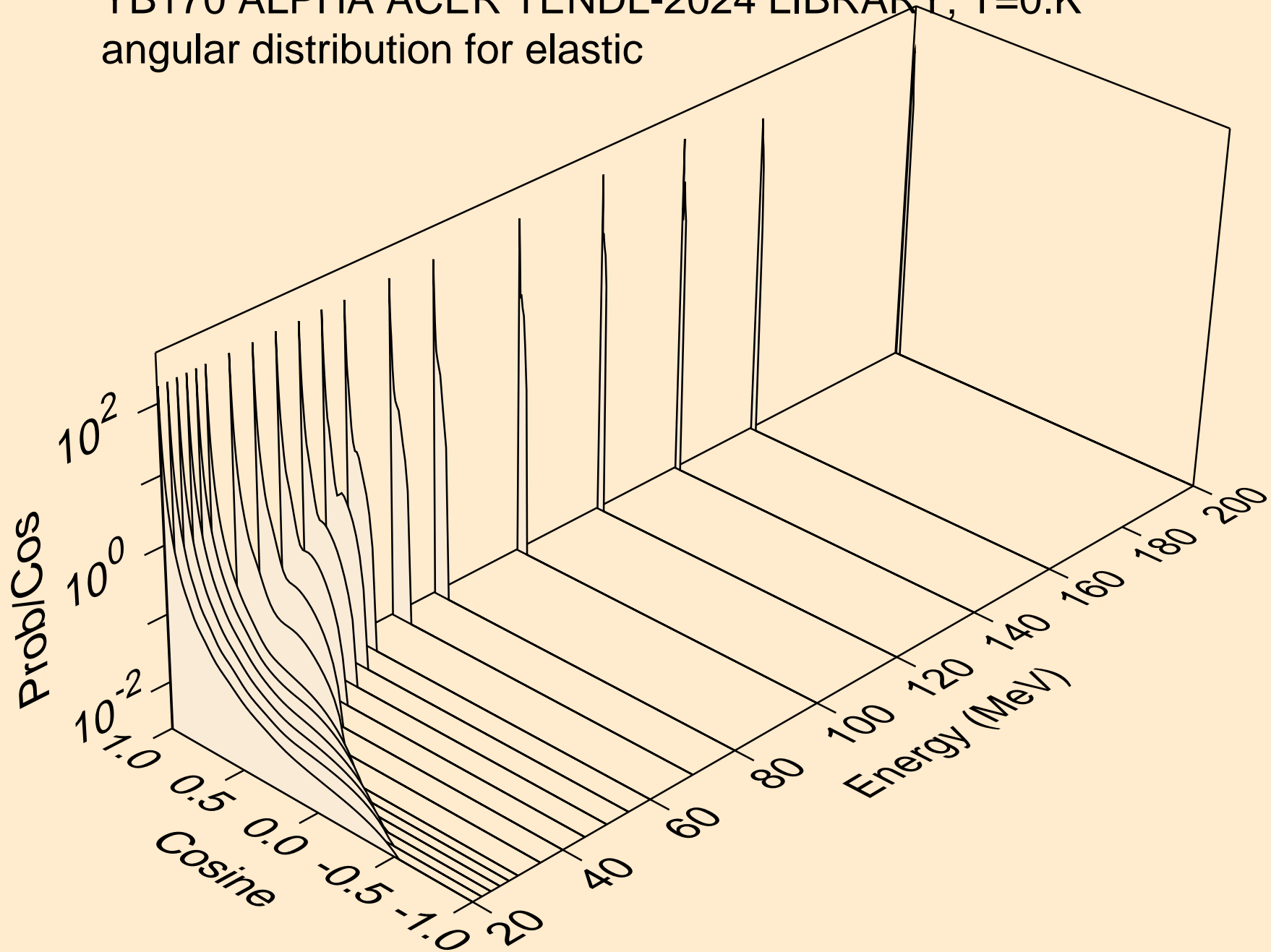
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

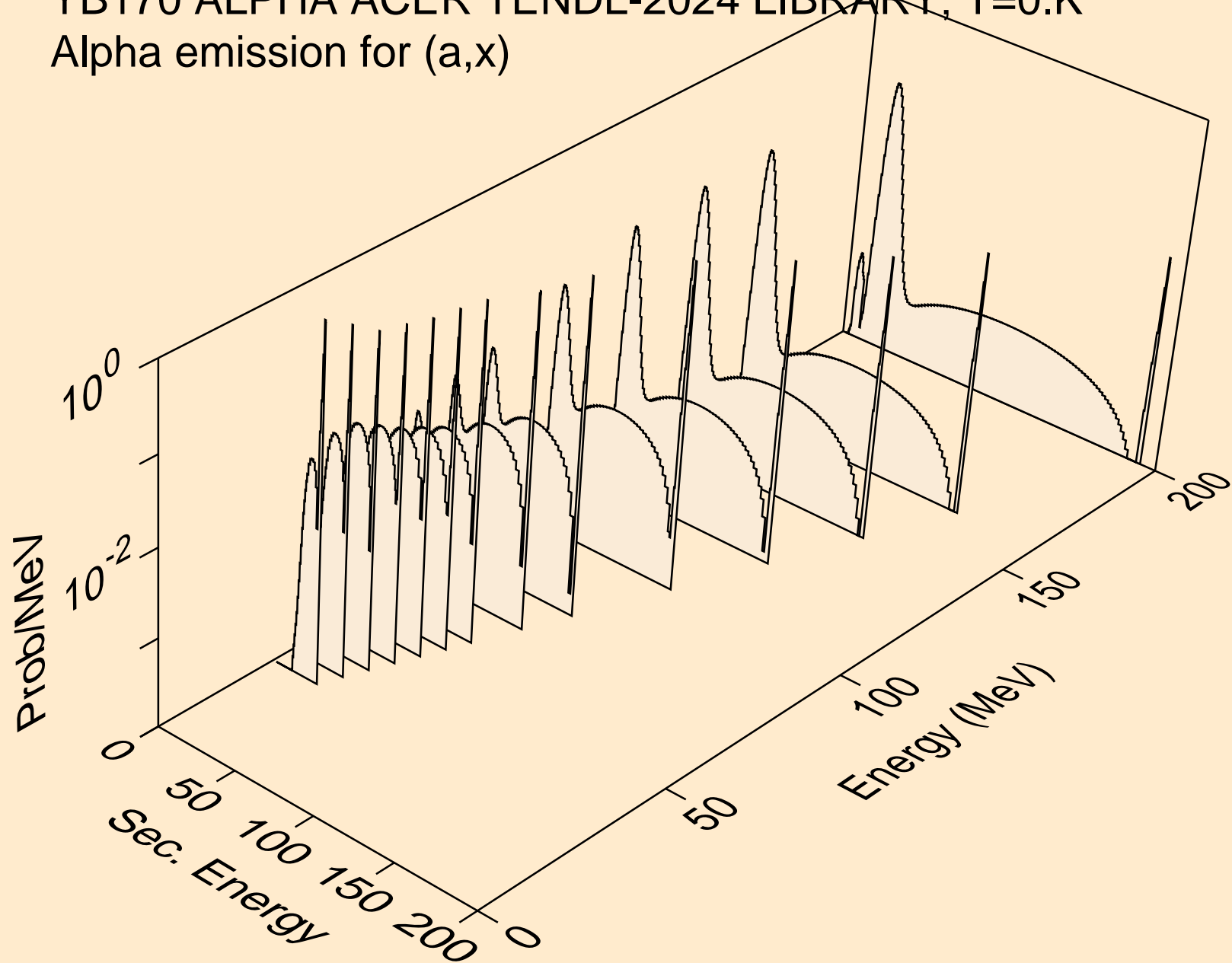


YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

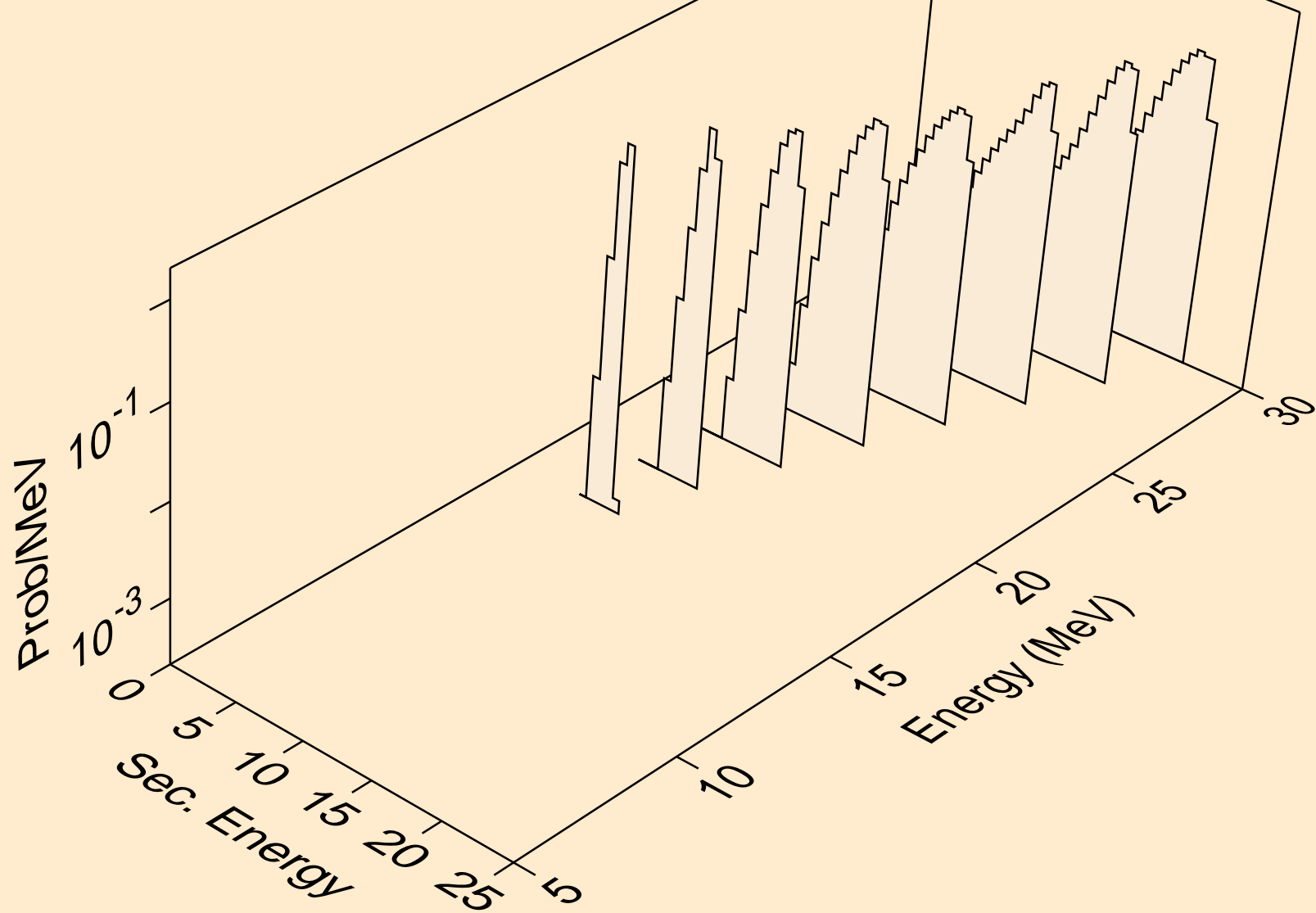


YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

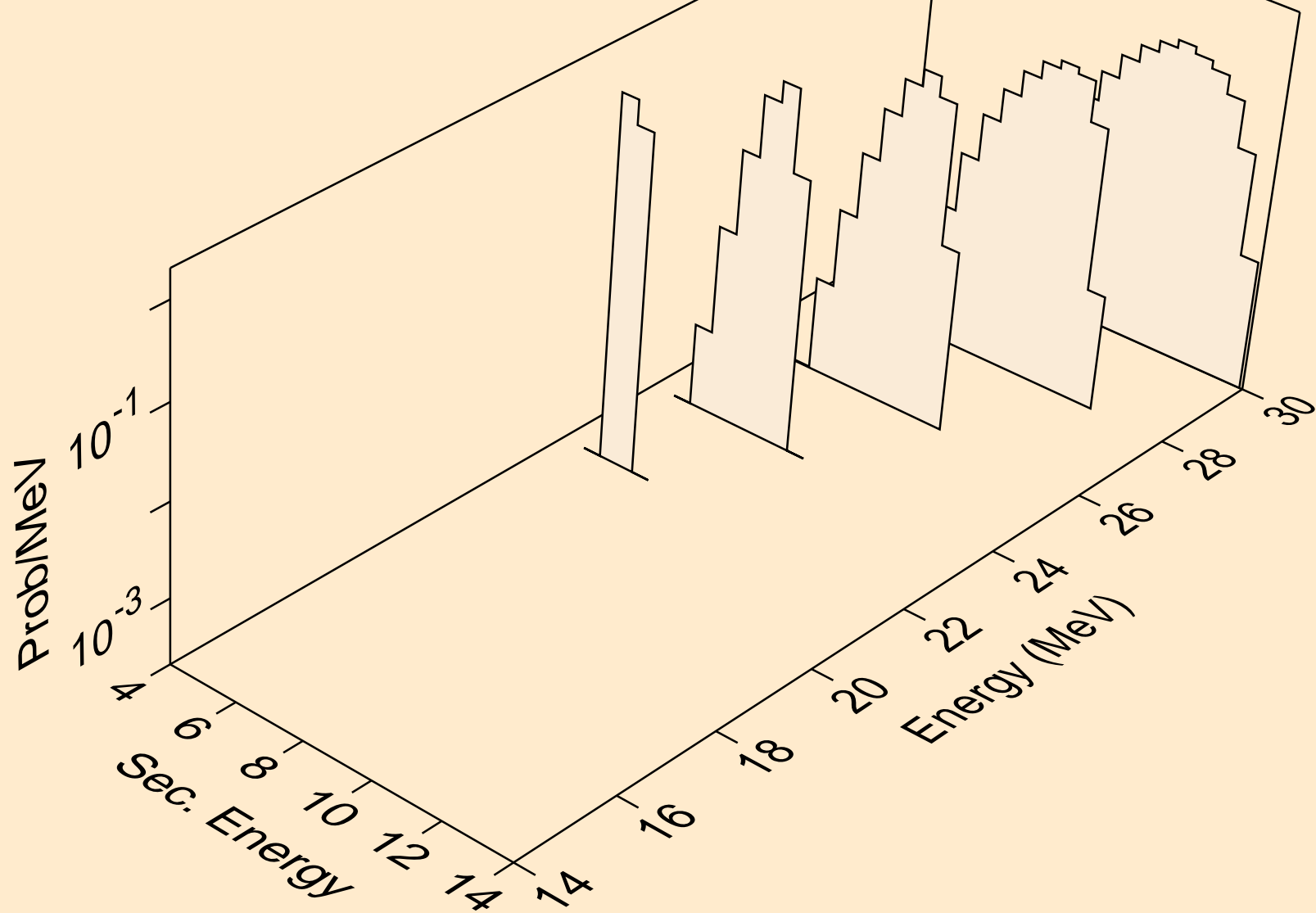
Alpha emission for (a,x)



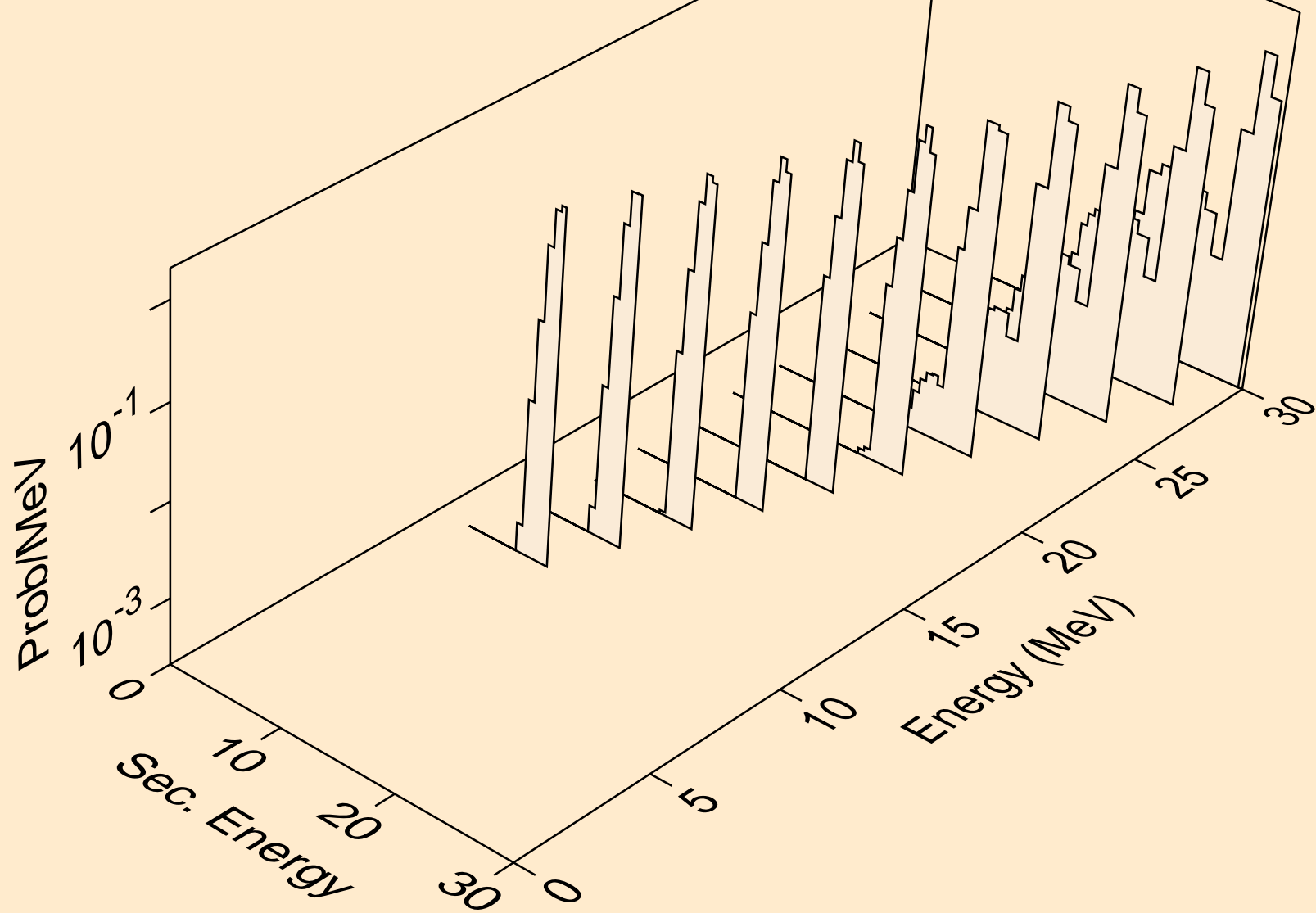
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

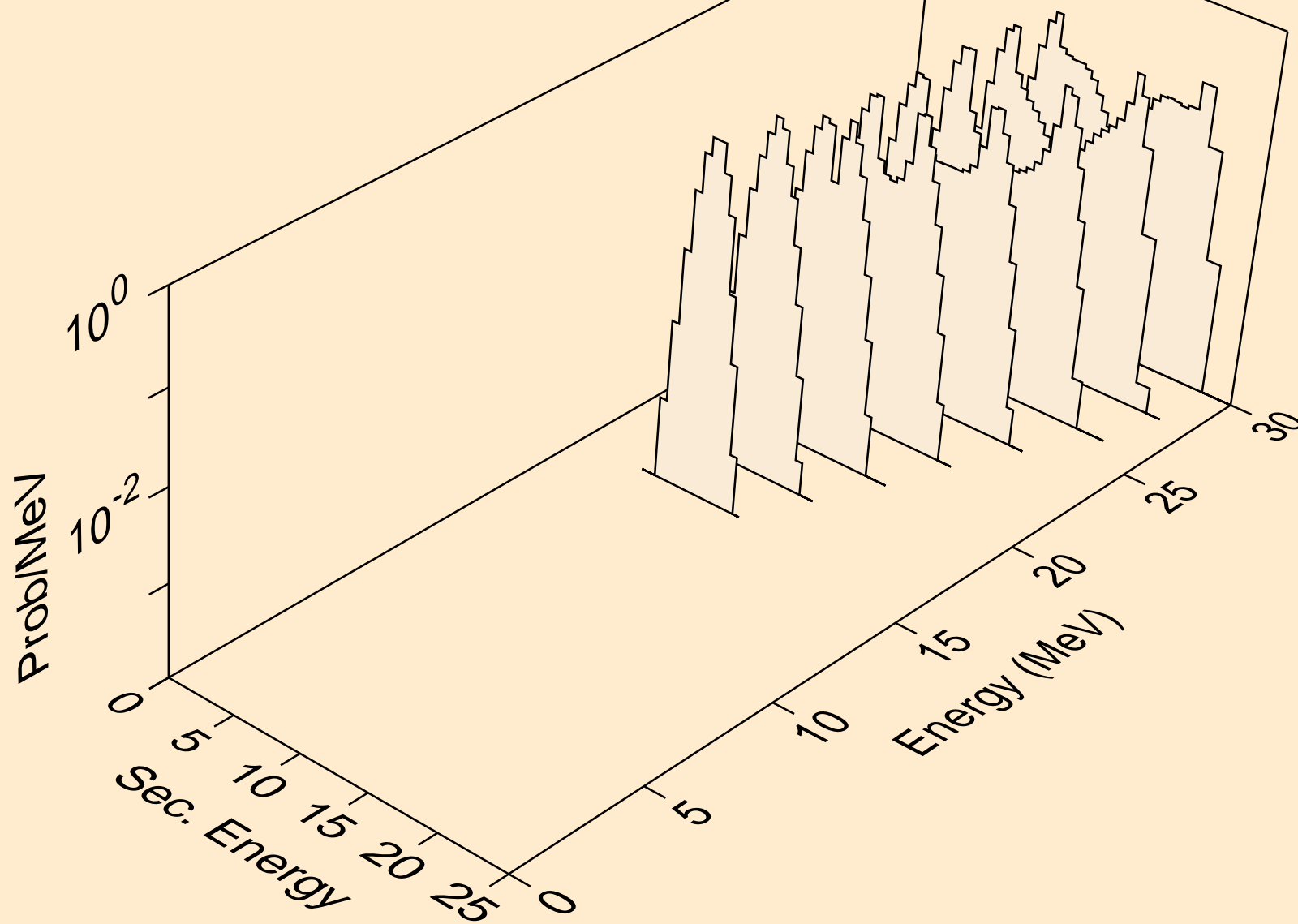


YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic

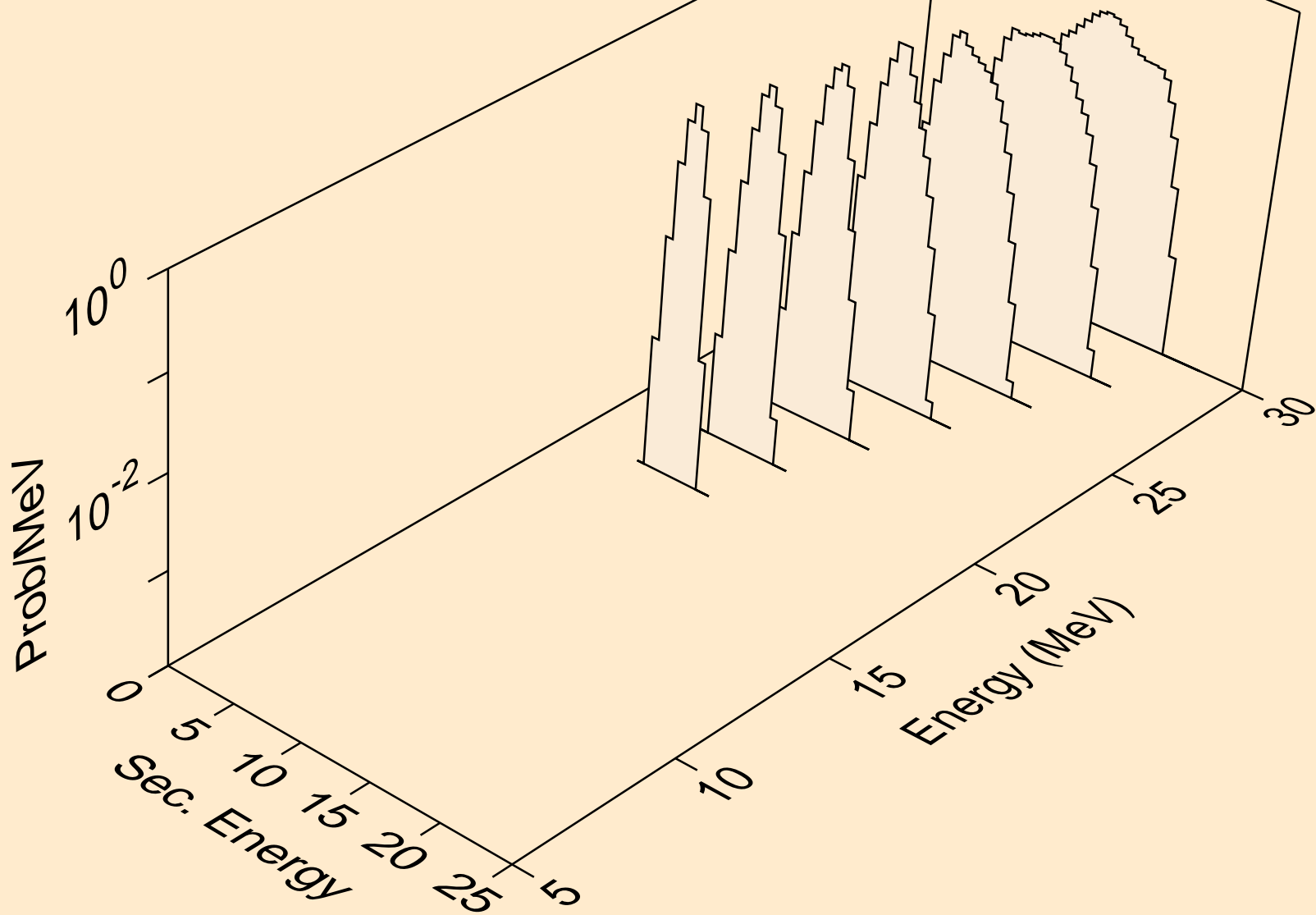


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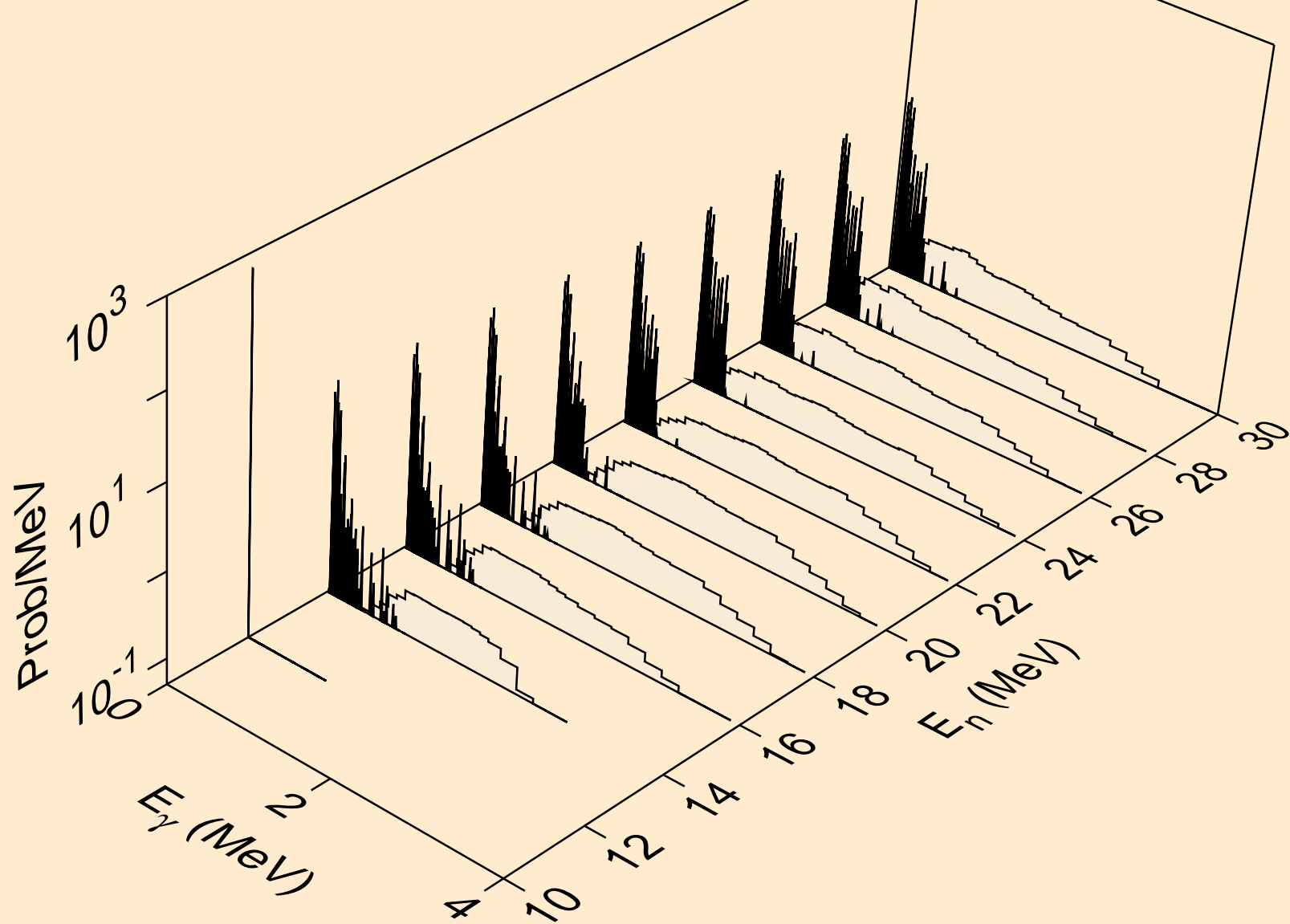
Alpha emission for (a,2a)



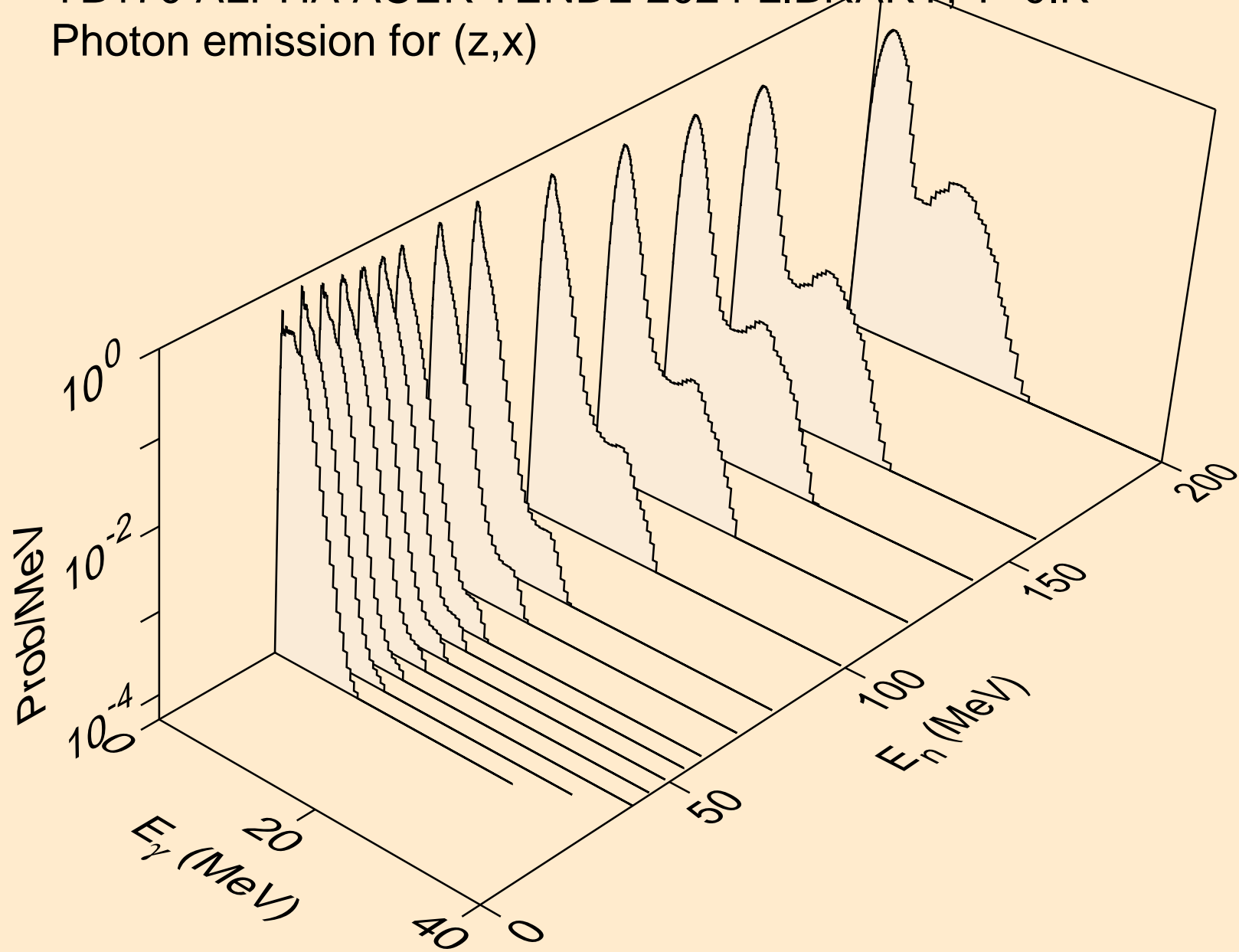
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,pa)



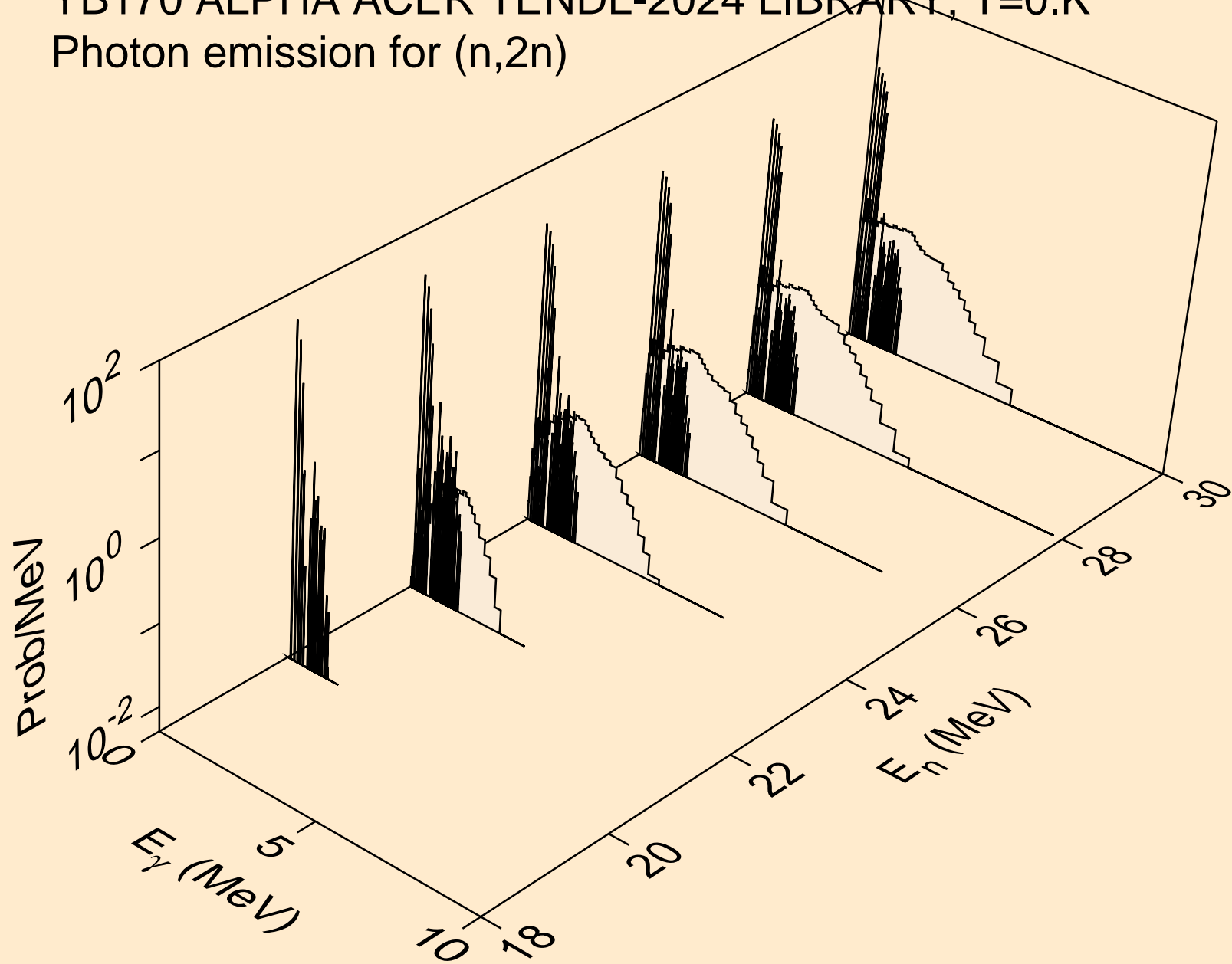
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



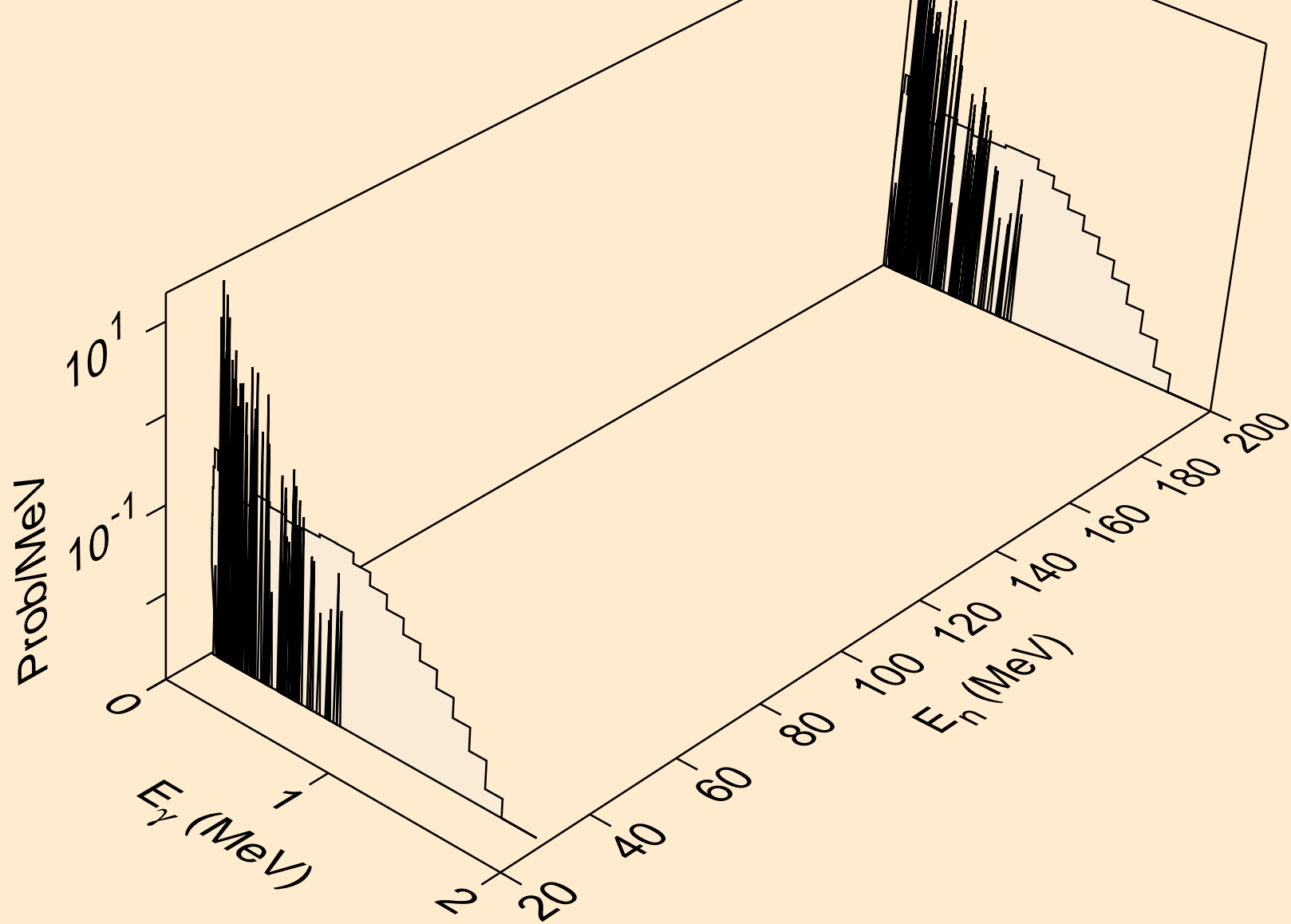
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



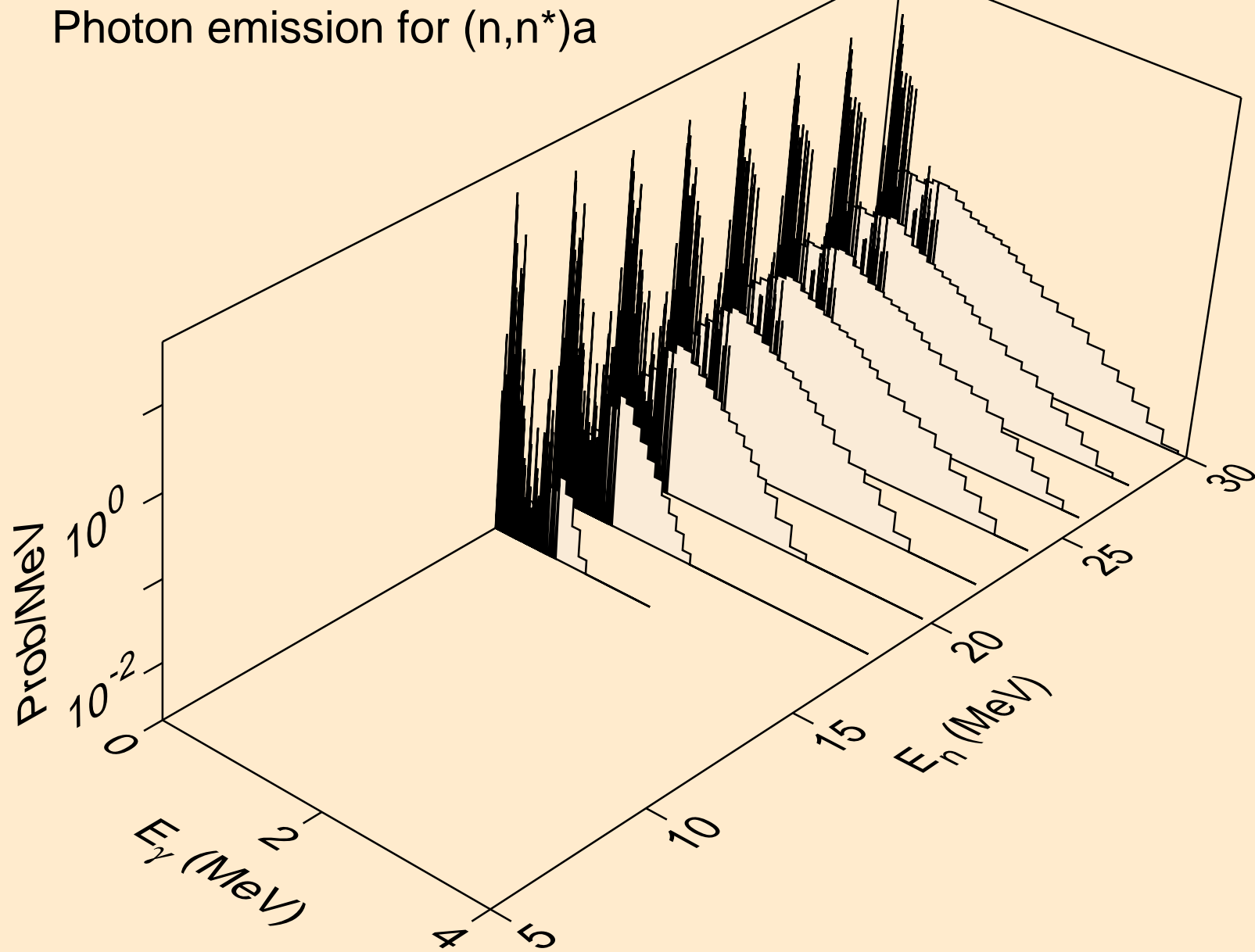
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



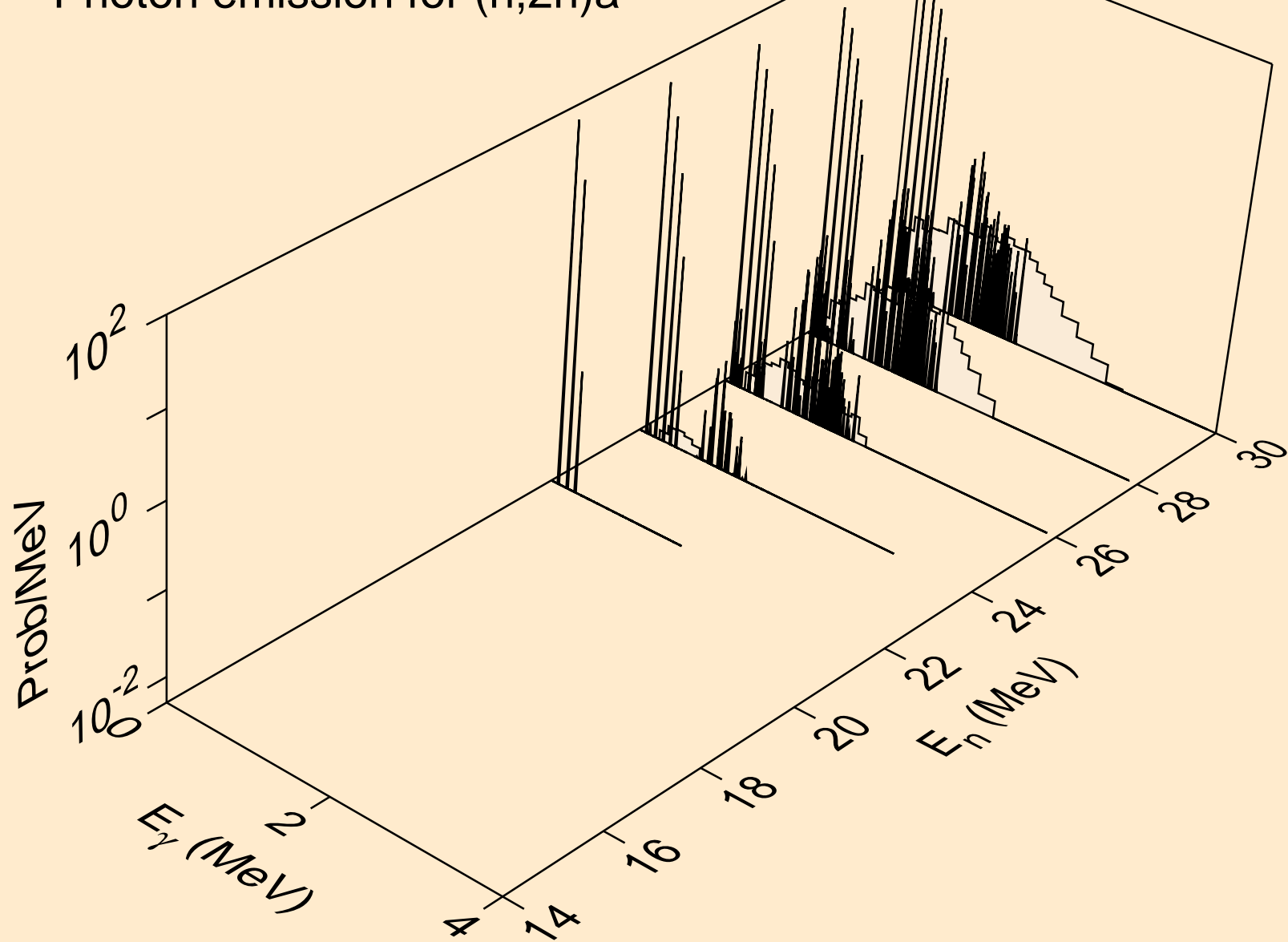
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



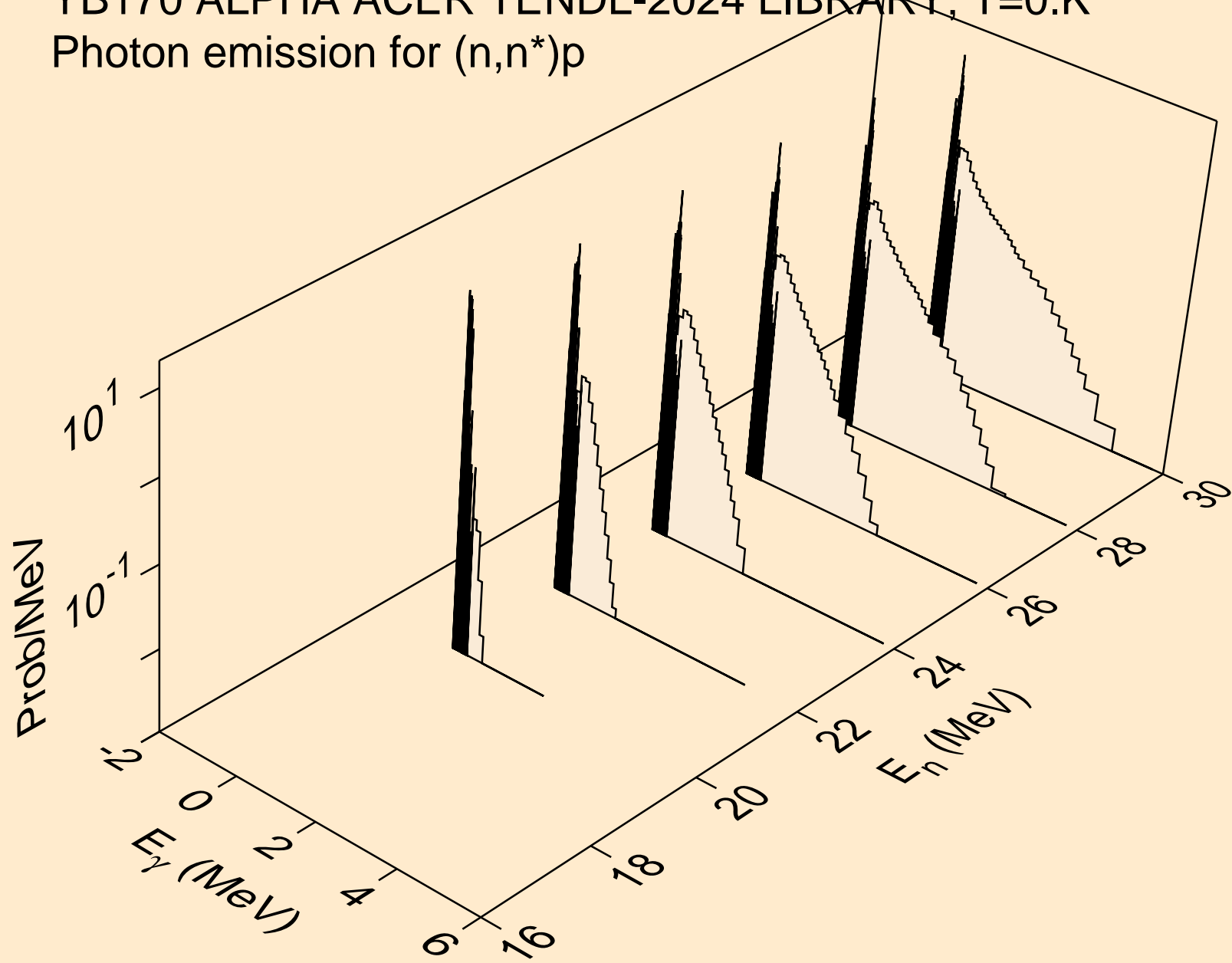
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



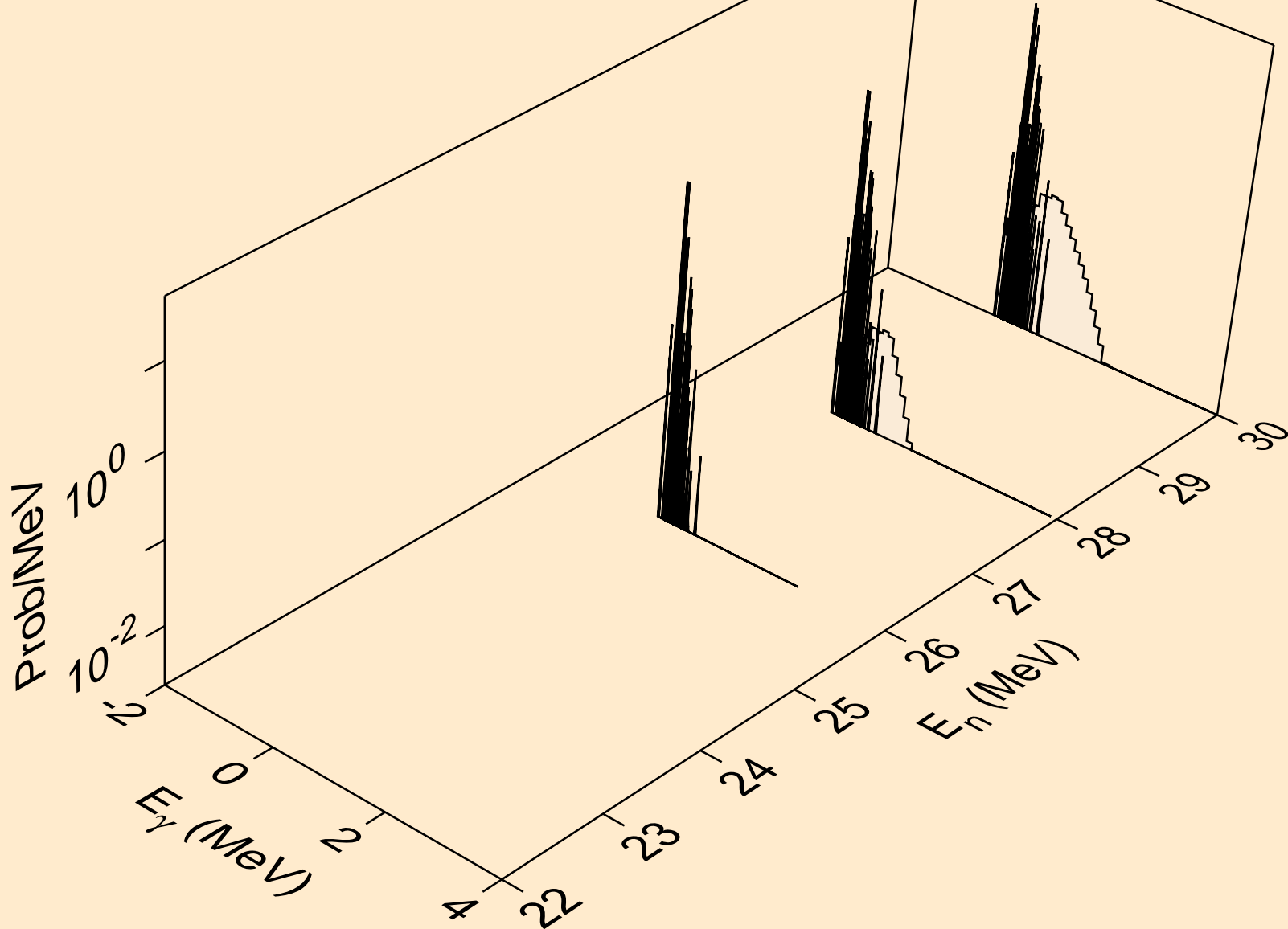
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



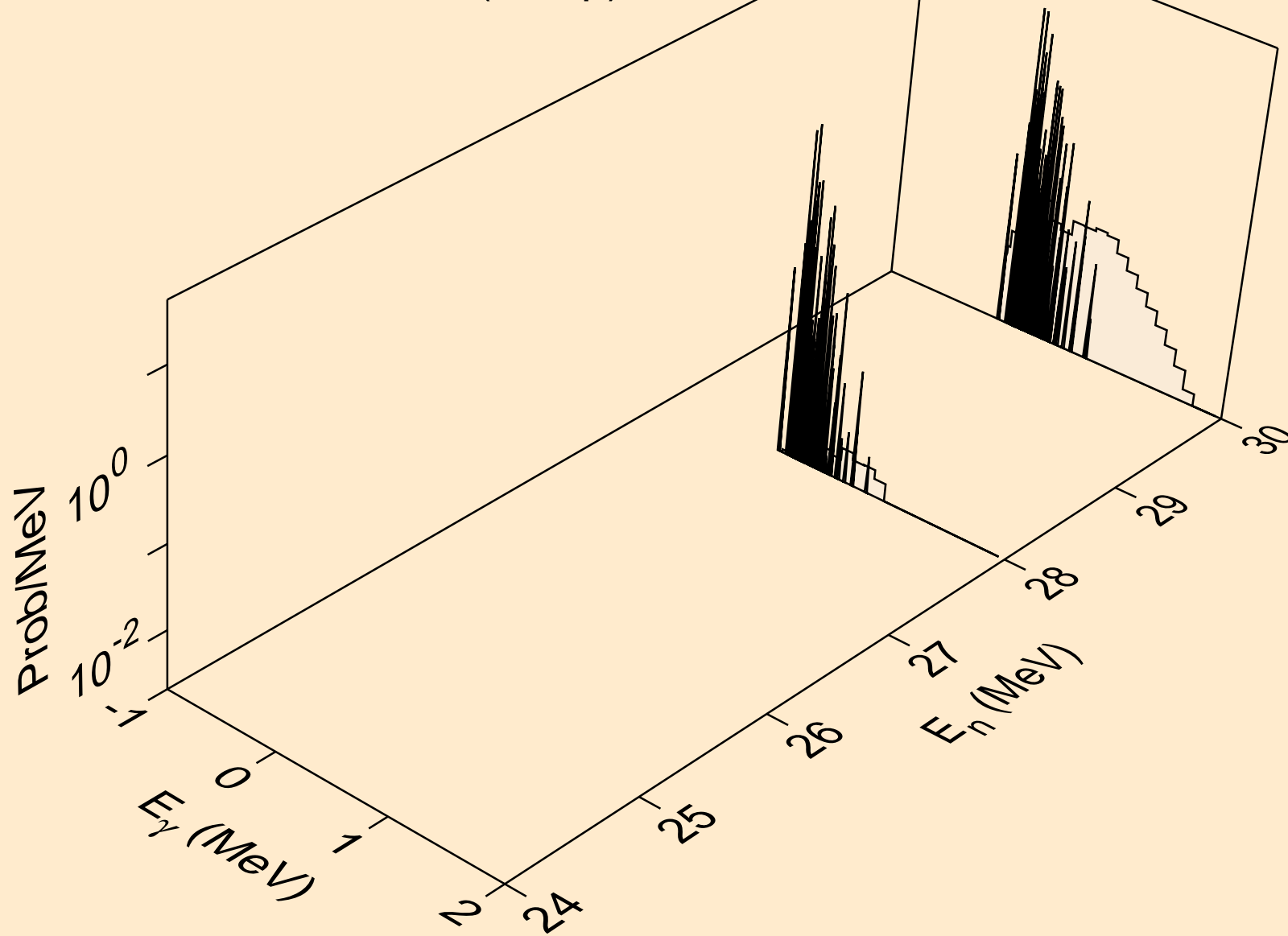
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



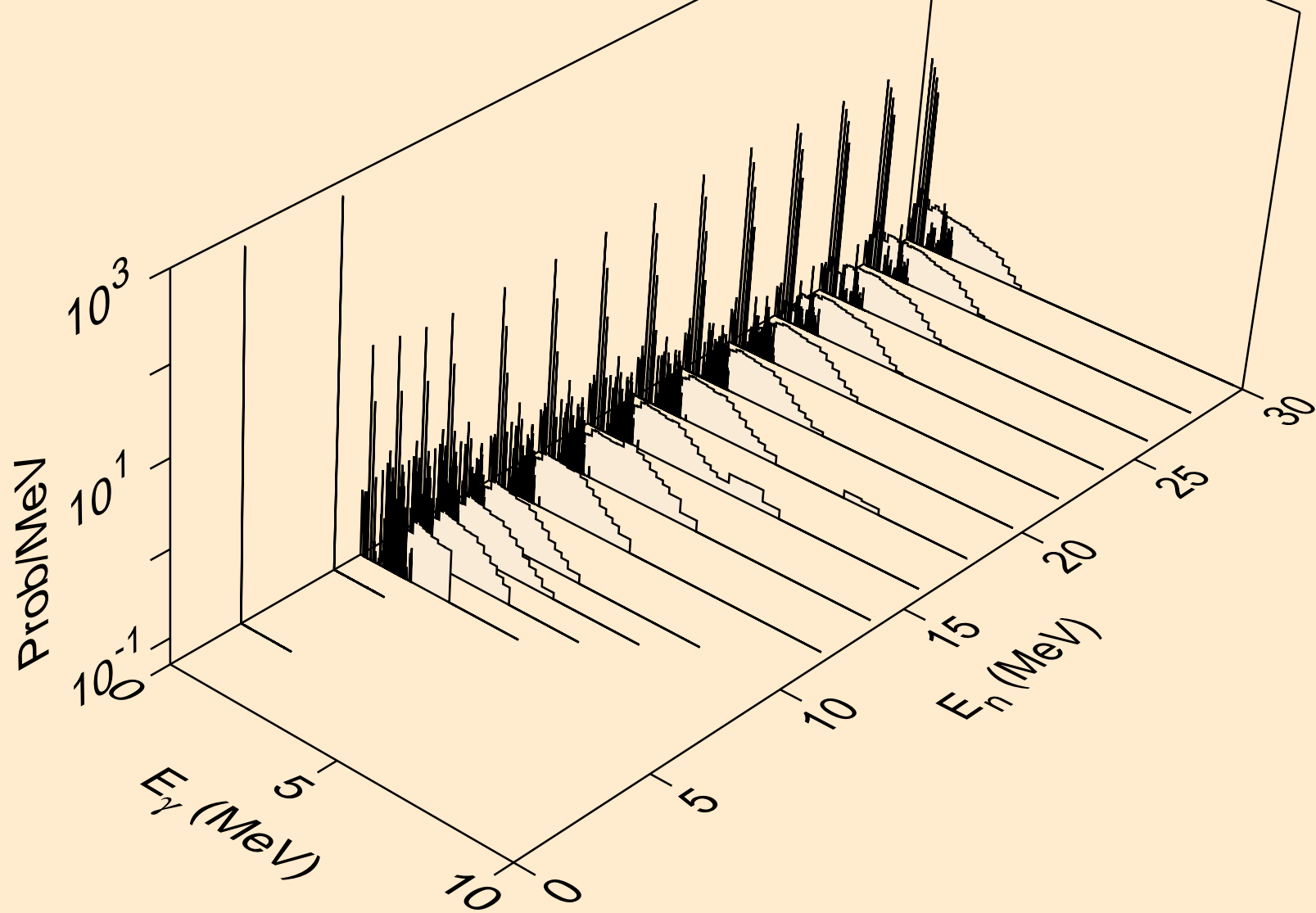
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



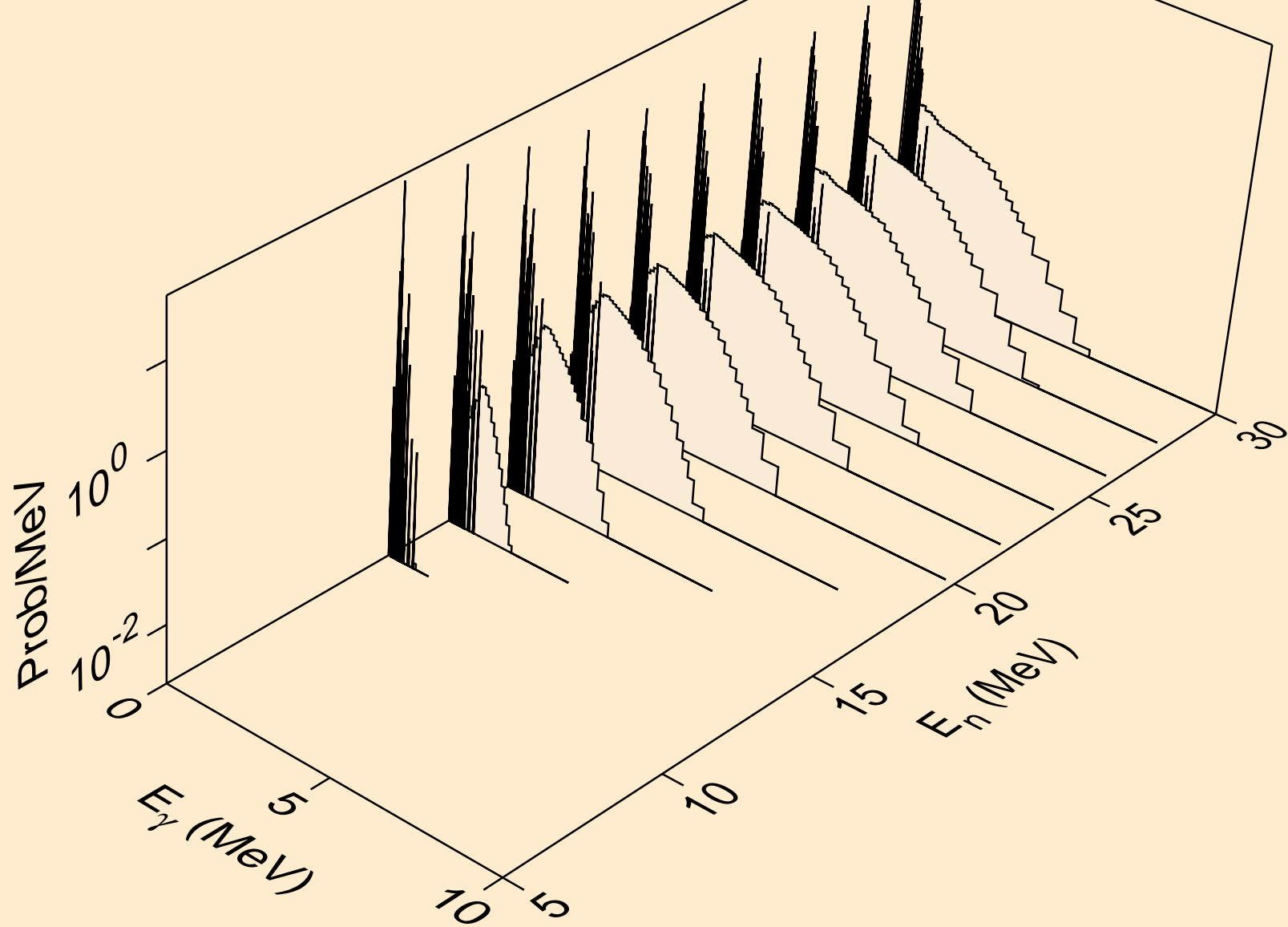
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Photon emission for (n,2np)



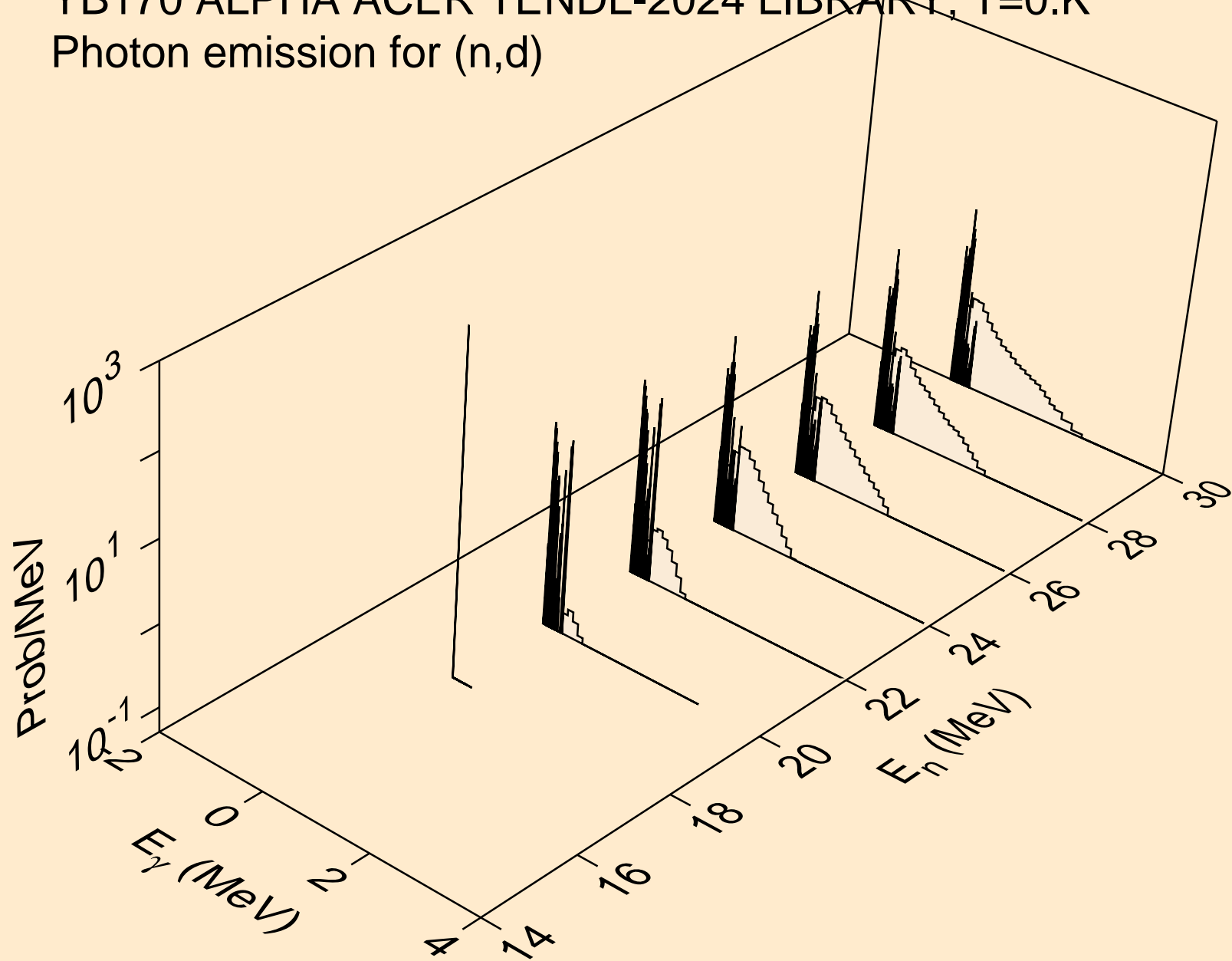
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Photon emission for (n,gma)



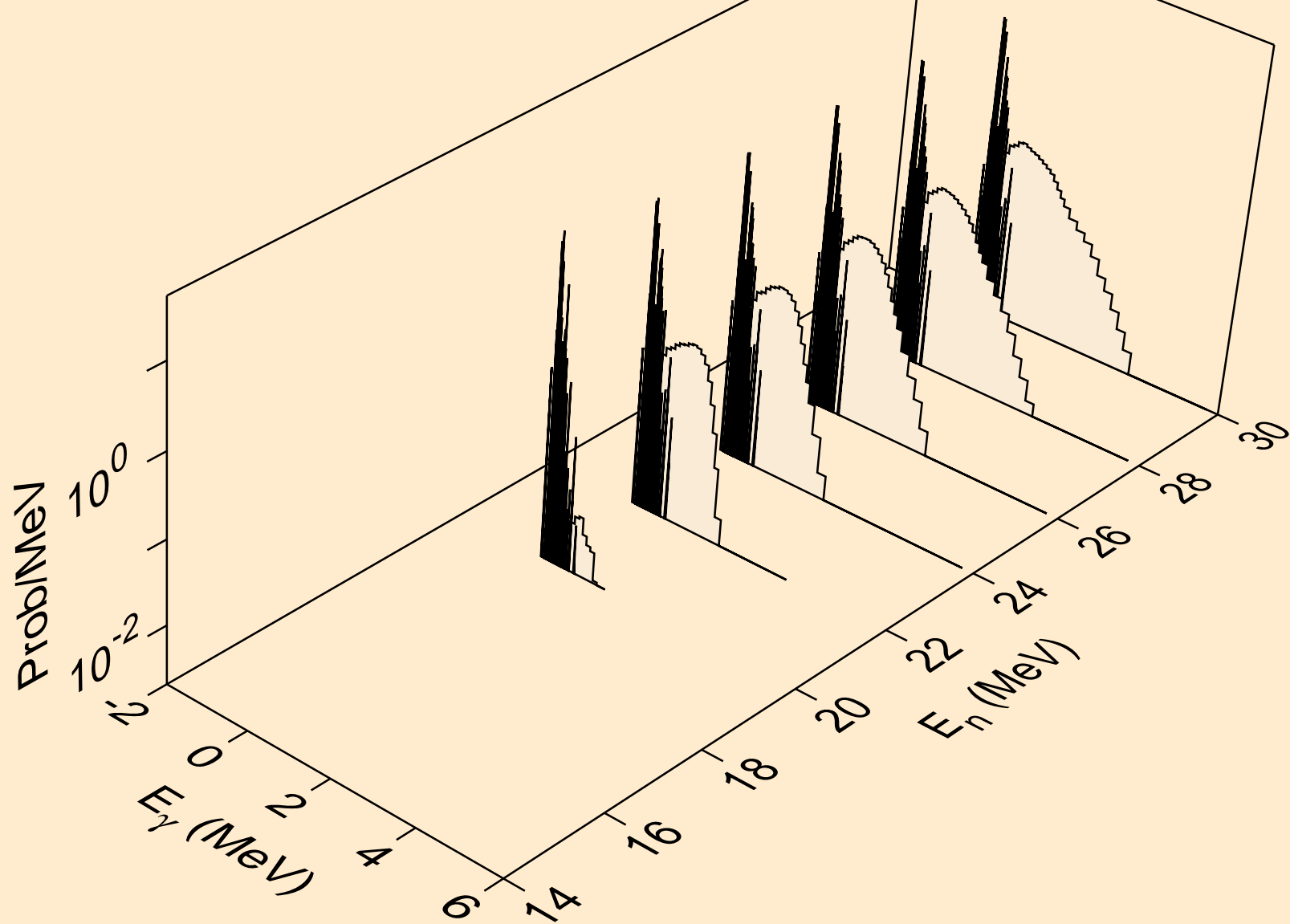
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Photon emission for (n,p)



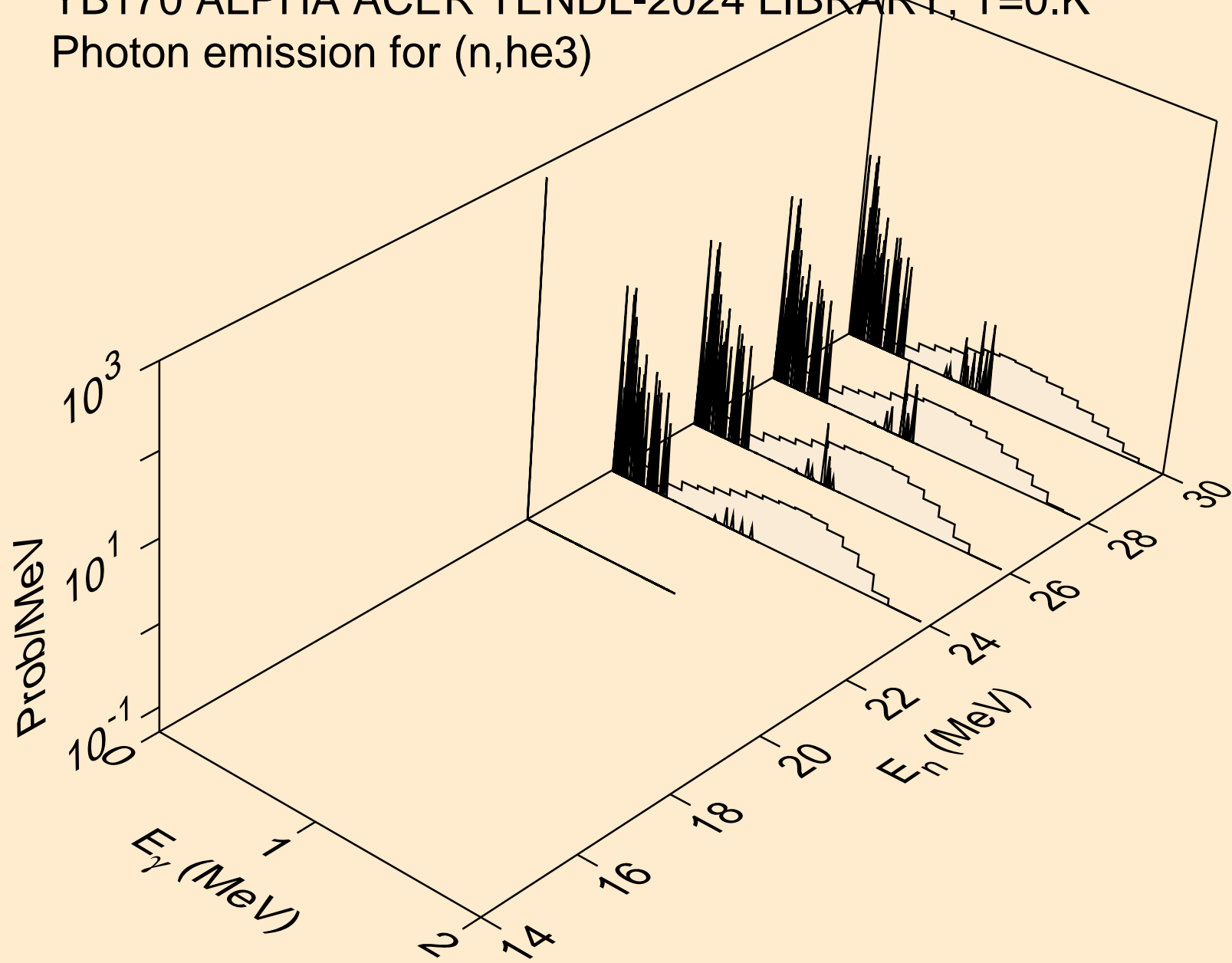
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Photon emission for (n,d)



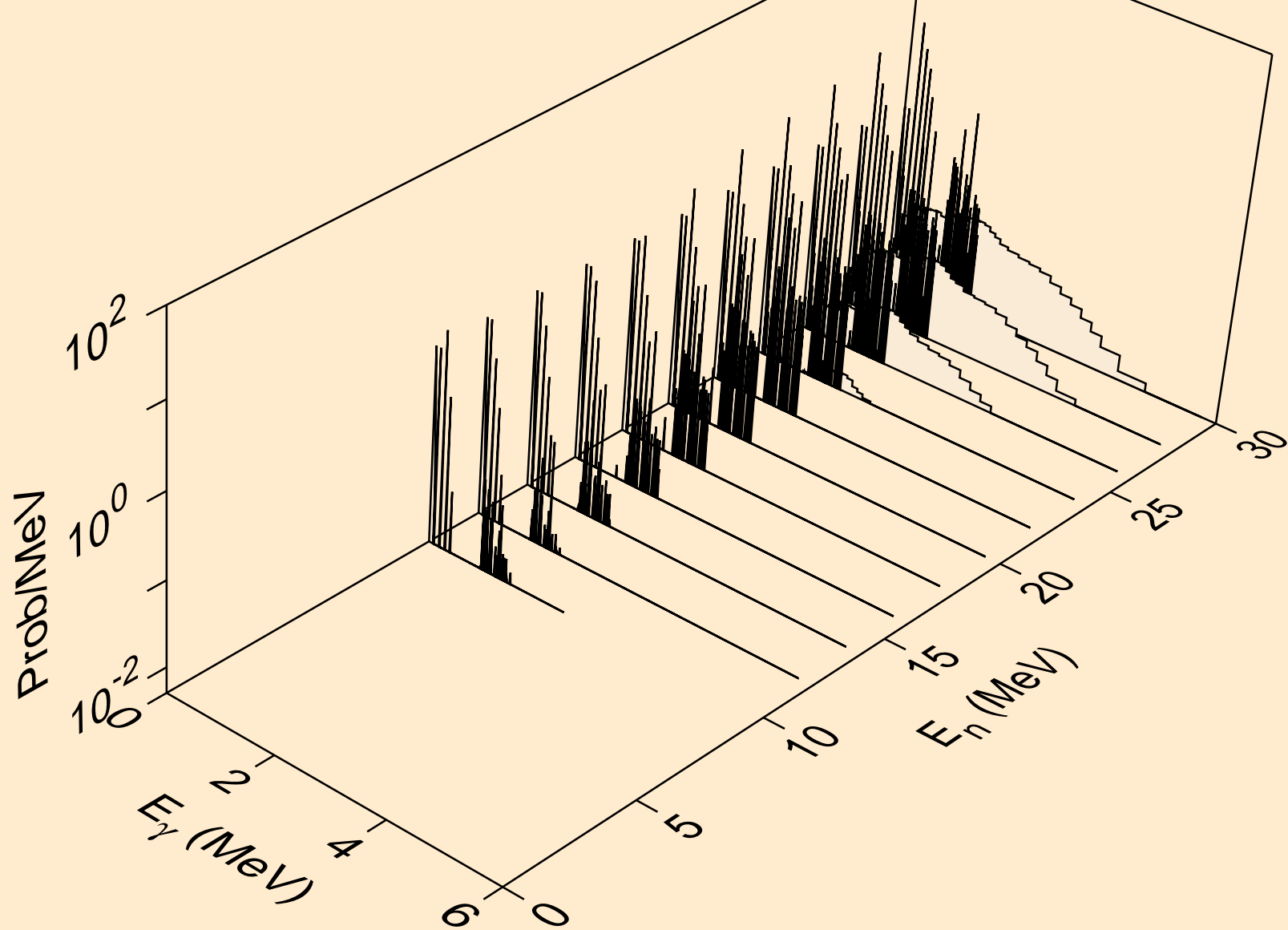
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



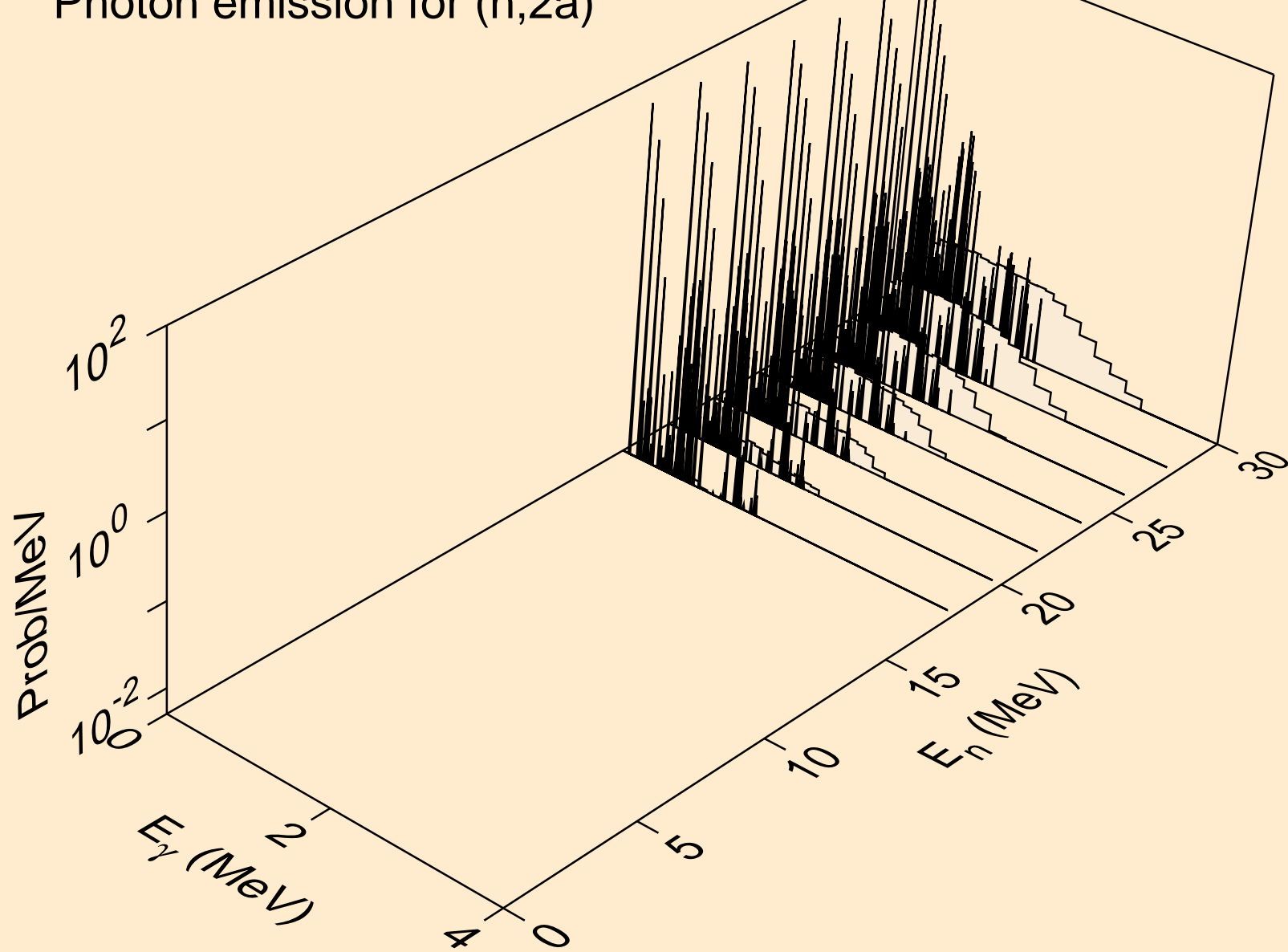
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Photon emission for (n,he3)



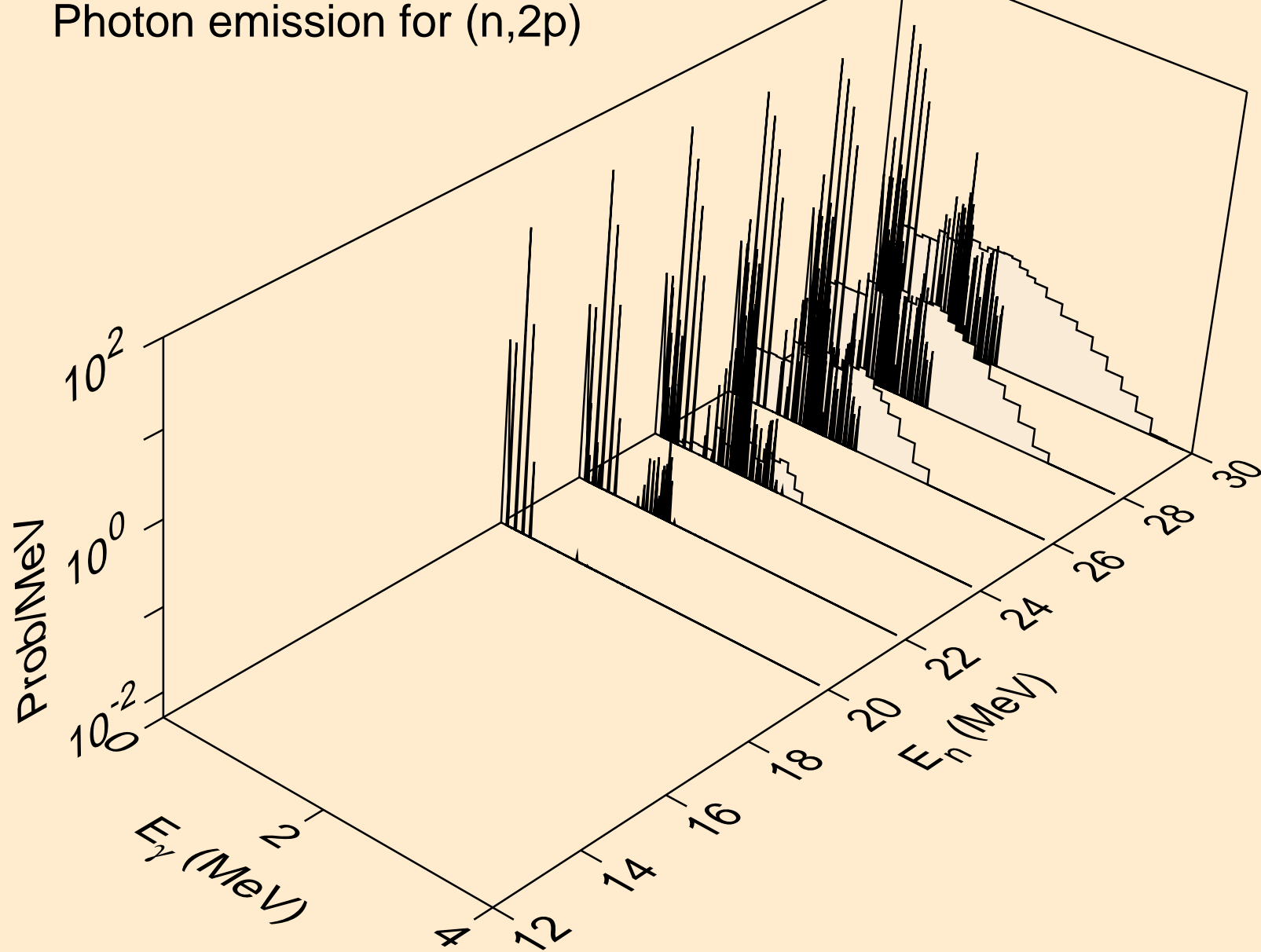
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



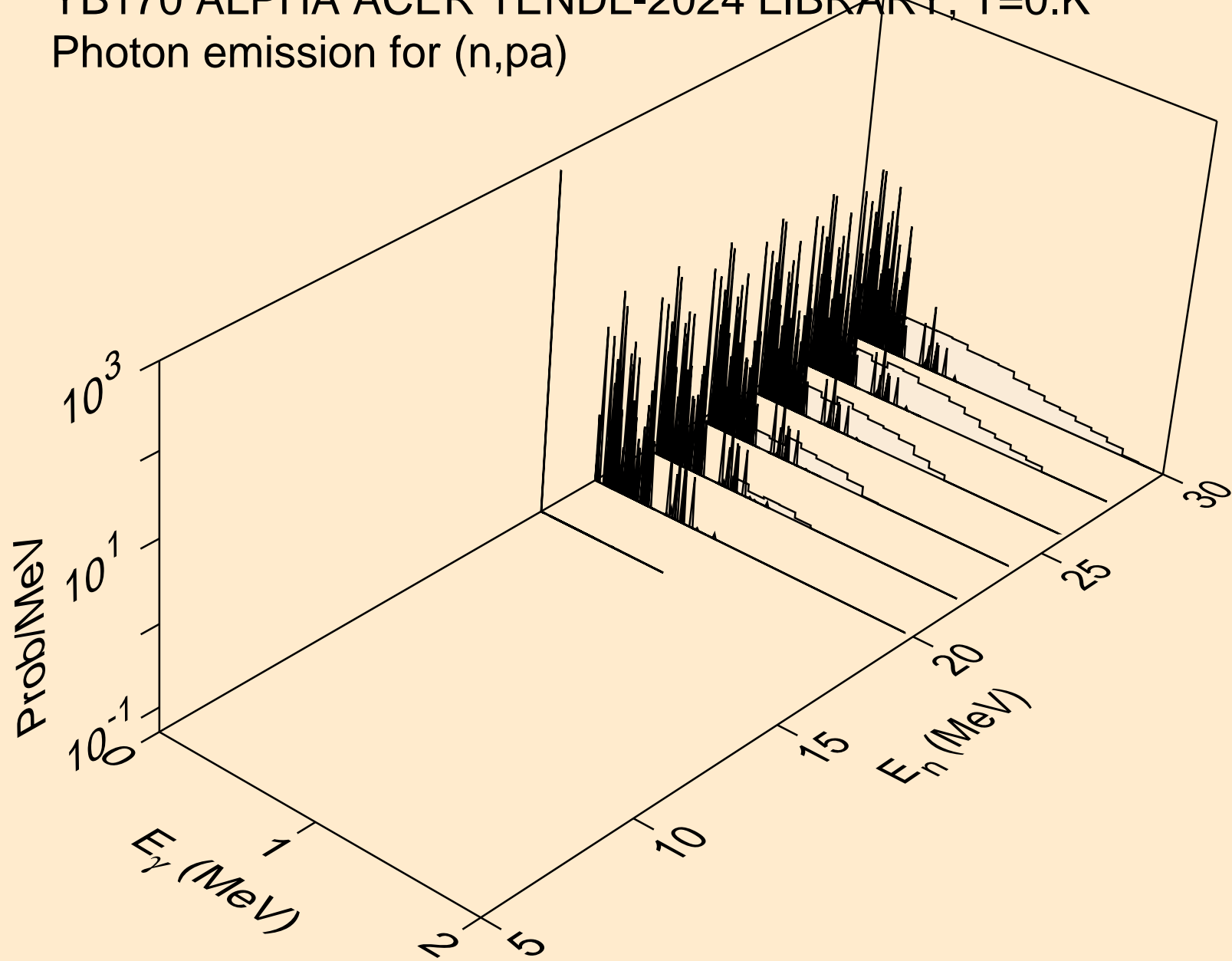
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



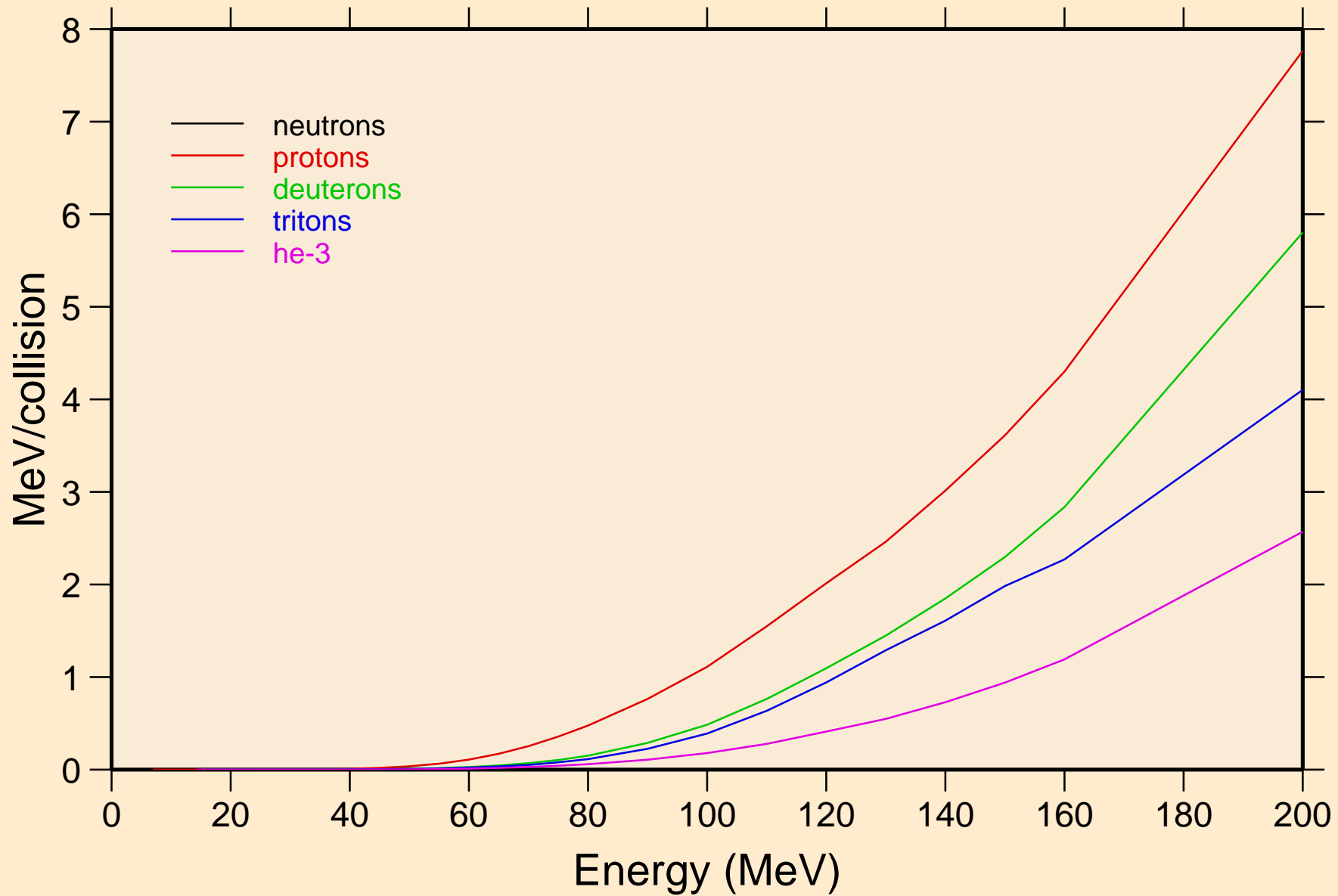
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



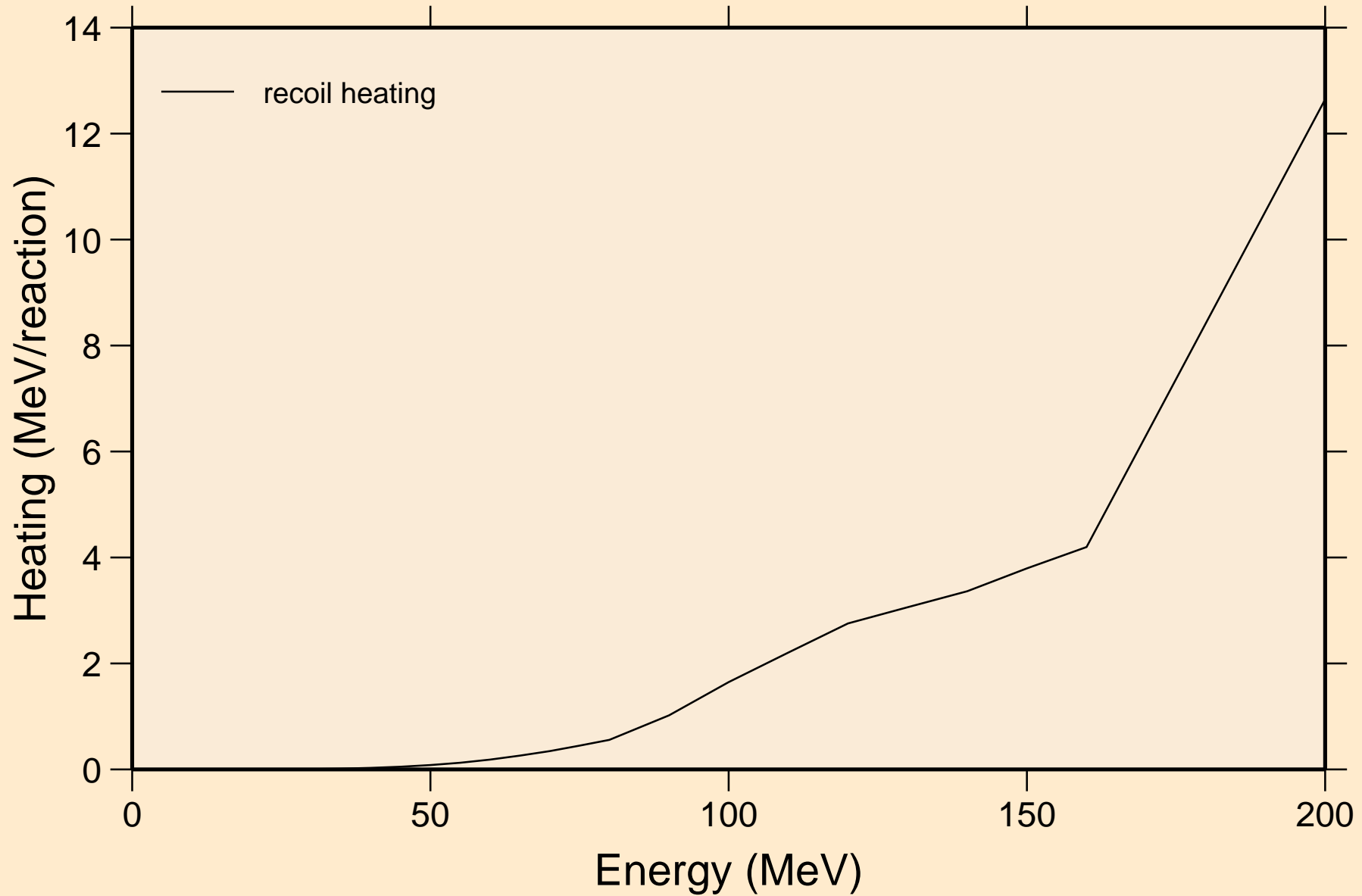
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

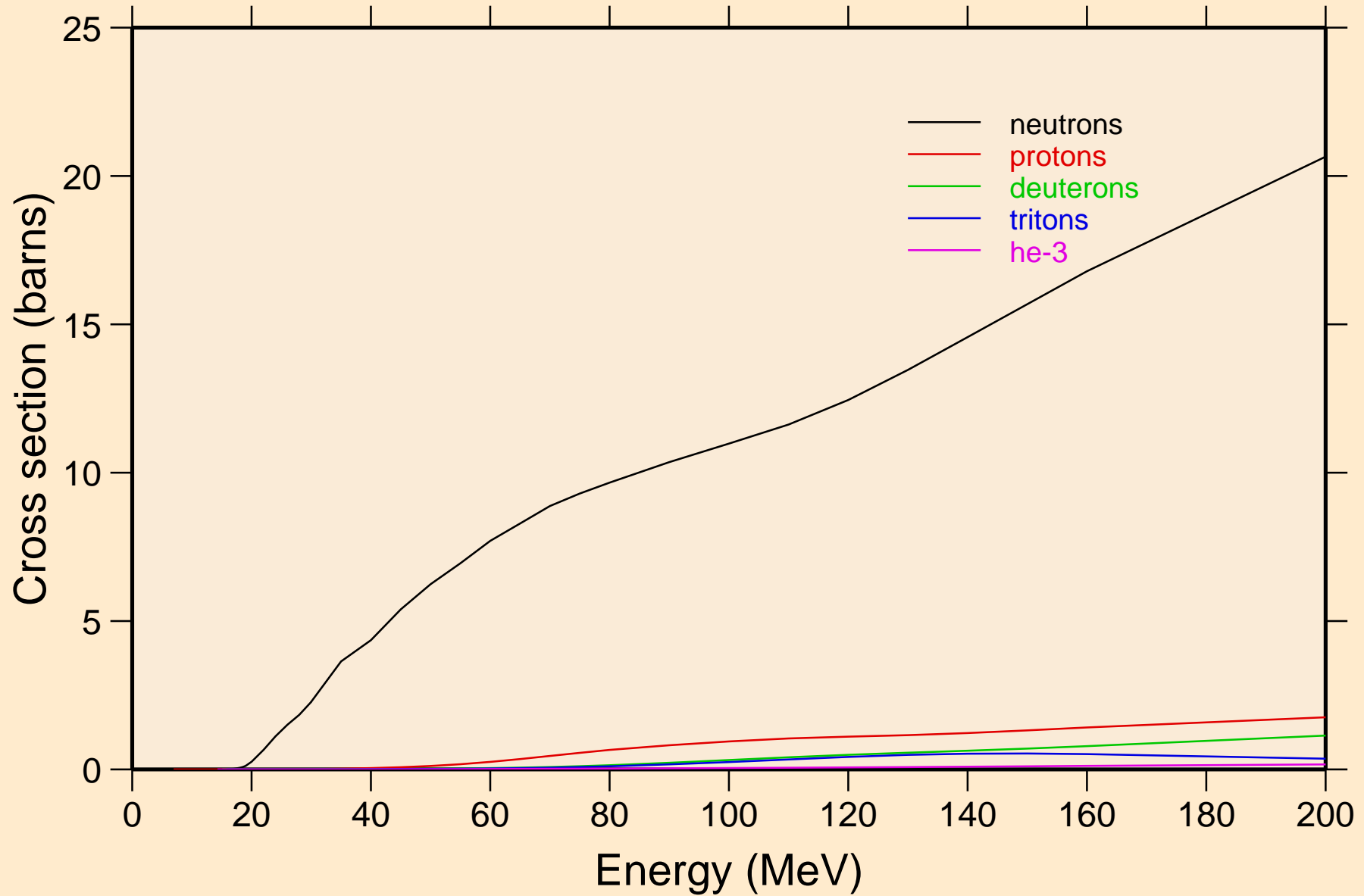


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Recoil Heating

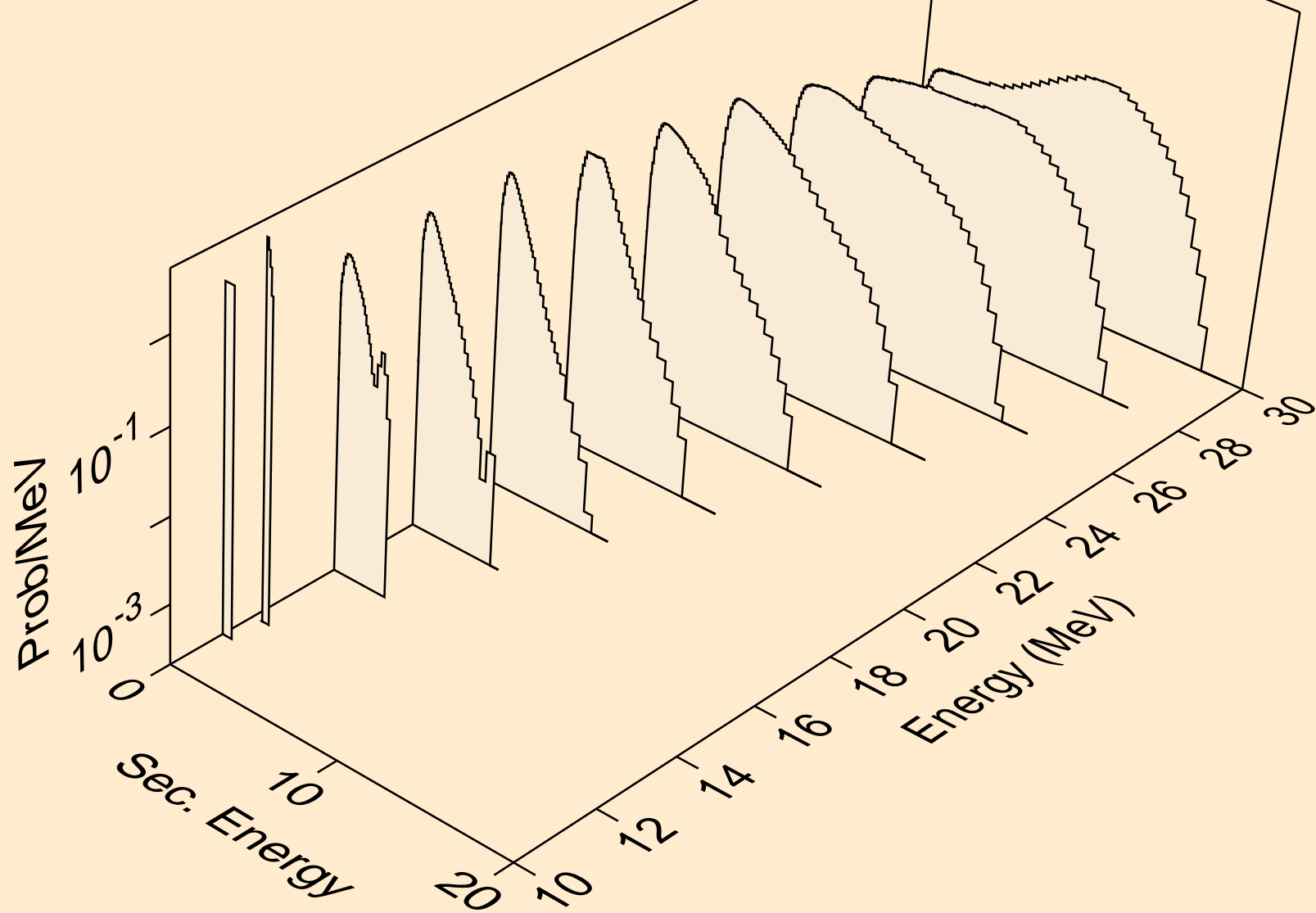


# YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

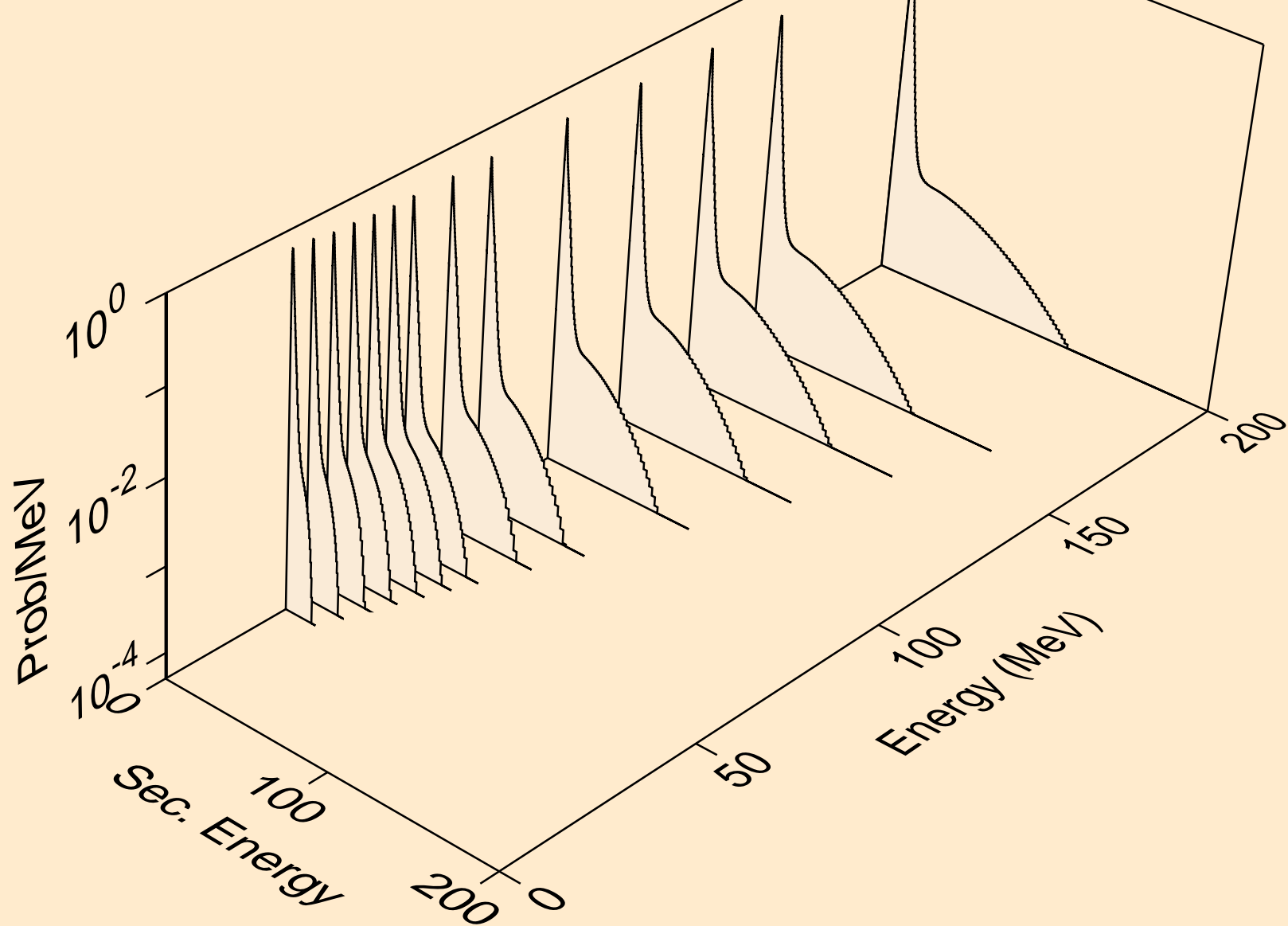
## Particle production cross sections



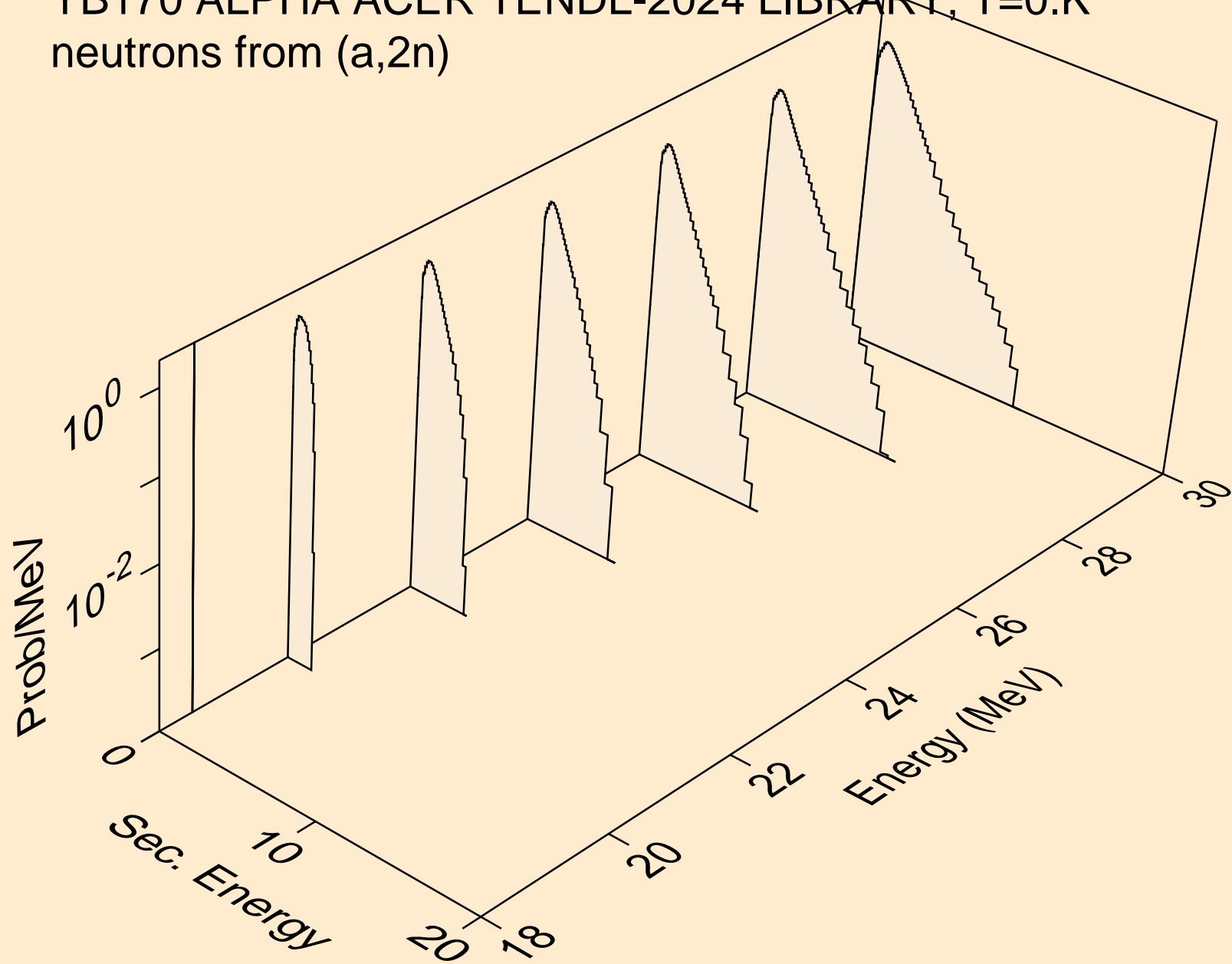
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



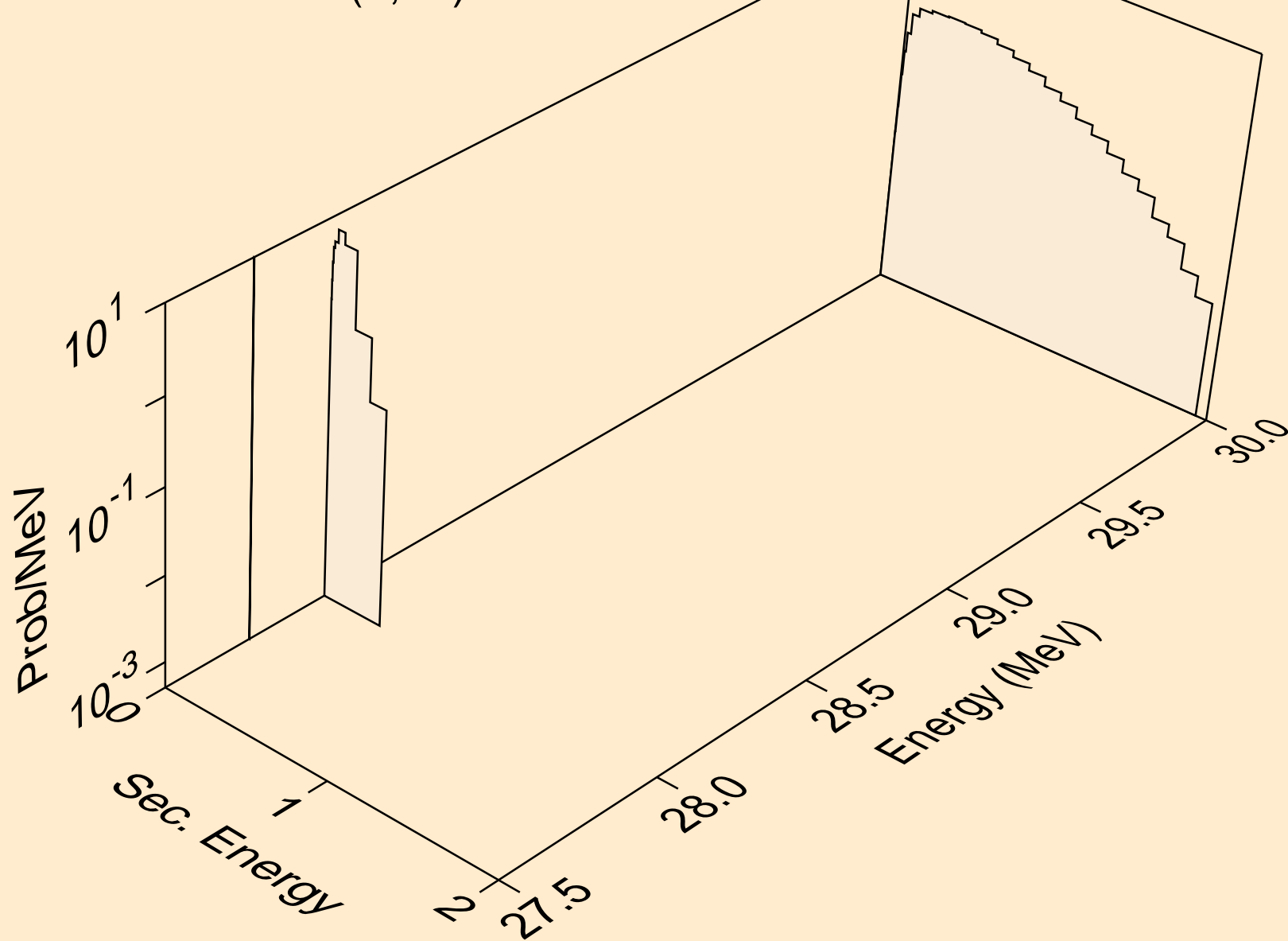
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neutrons from (a,x)



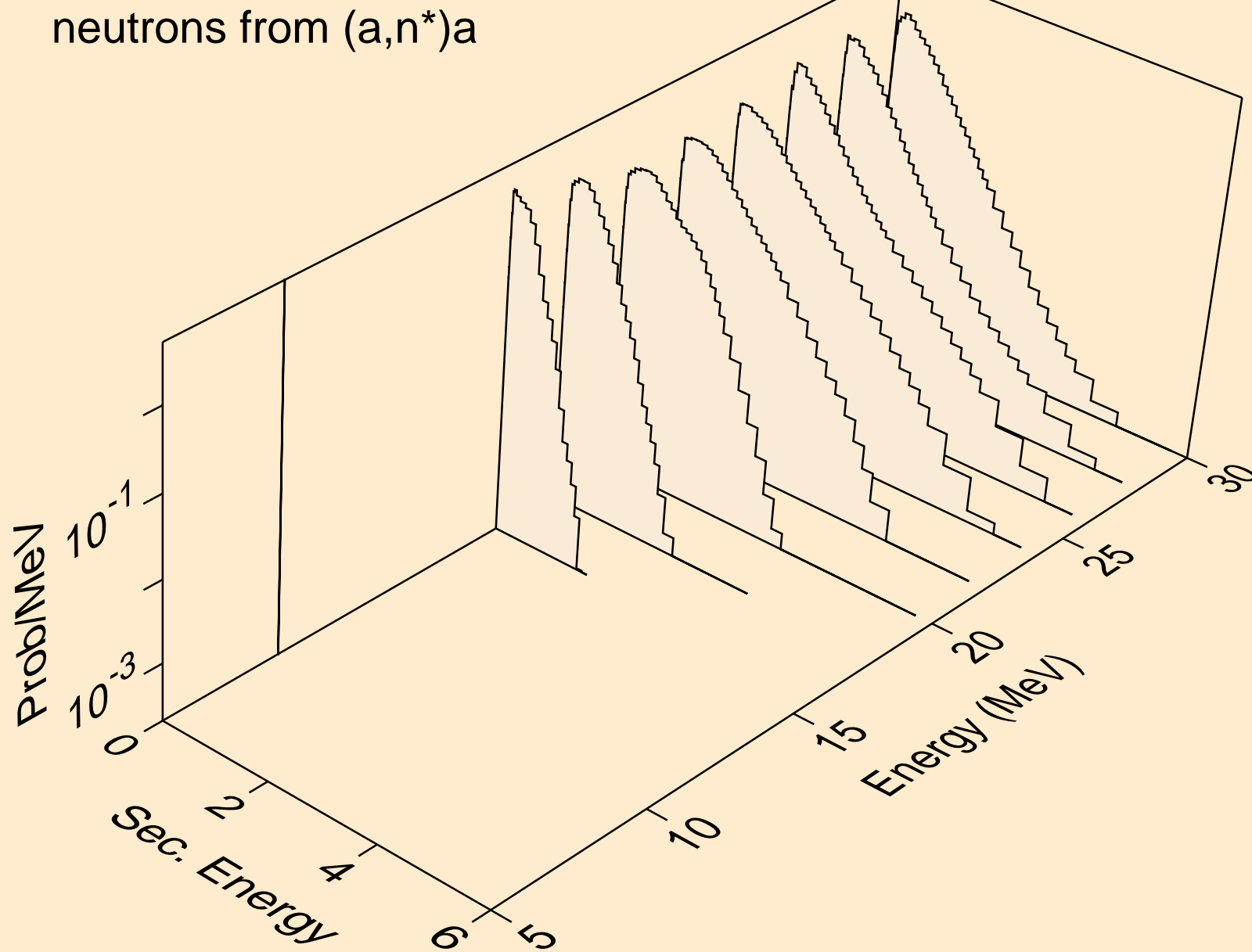
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neutrons from (a,2n)



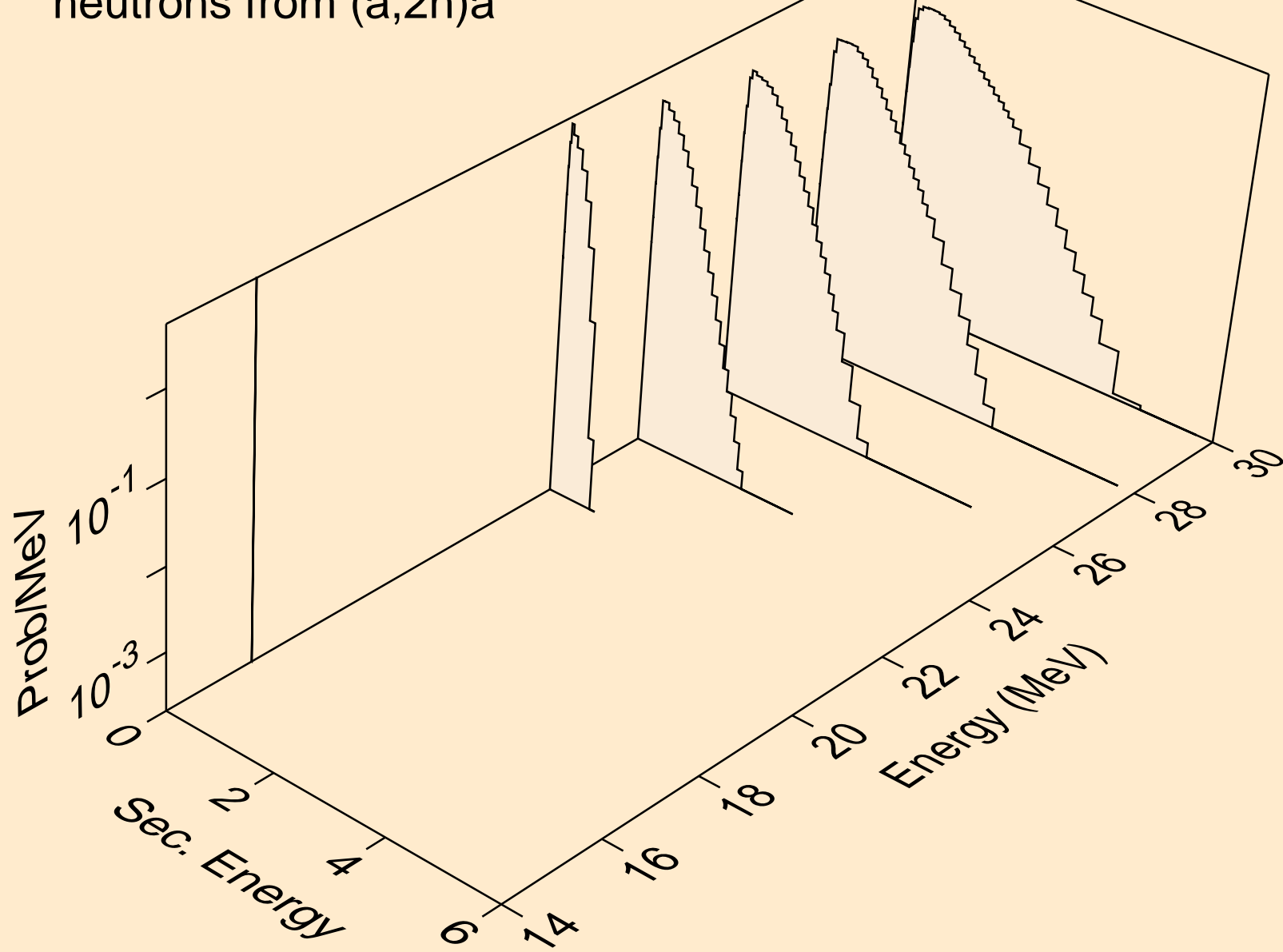
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)



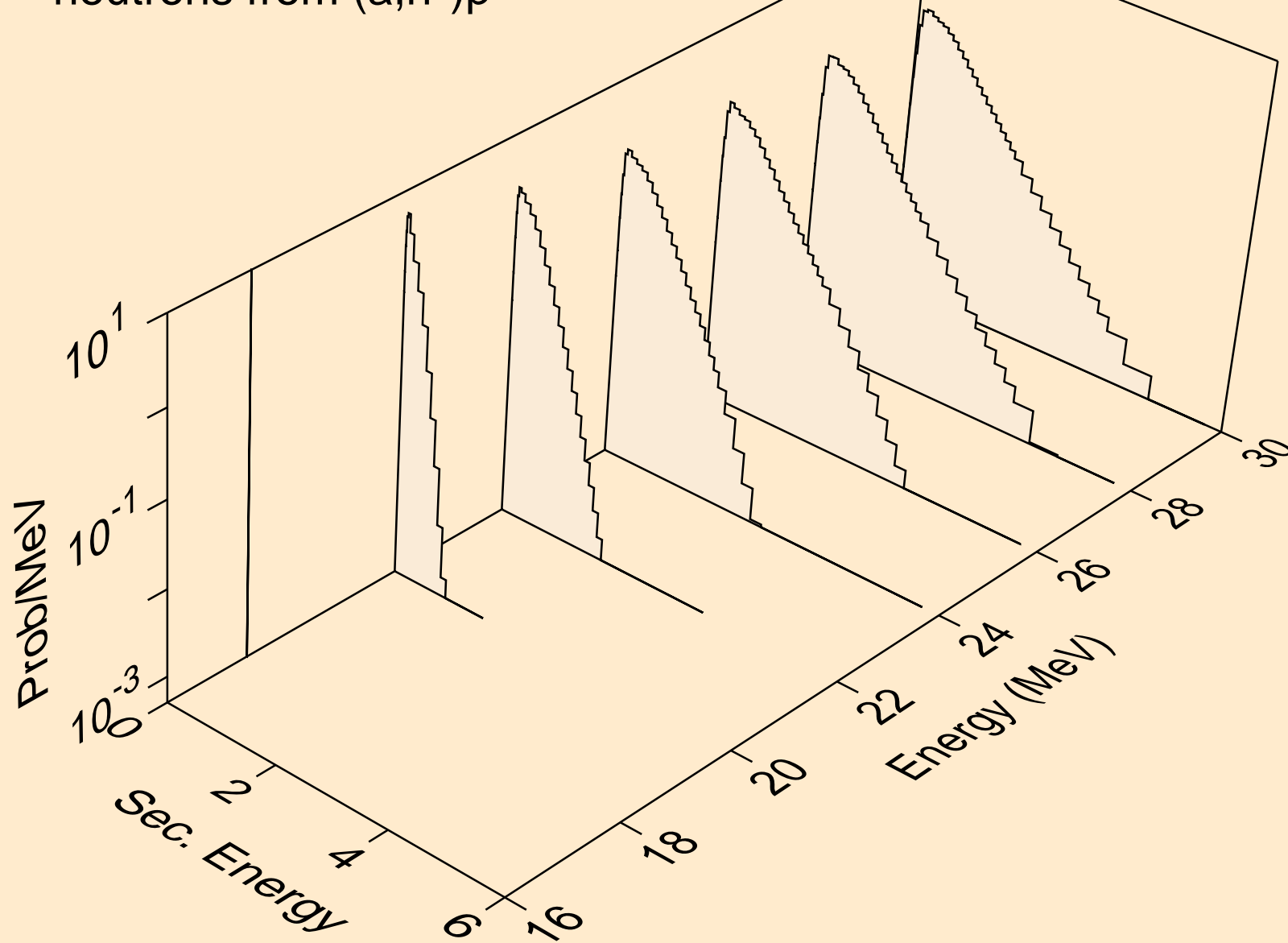
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



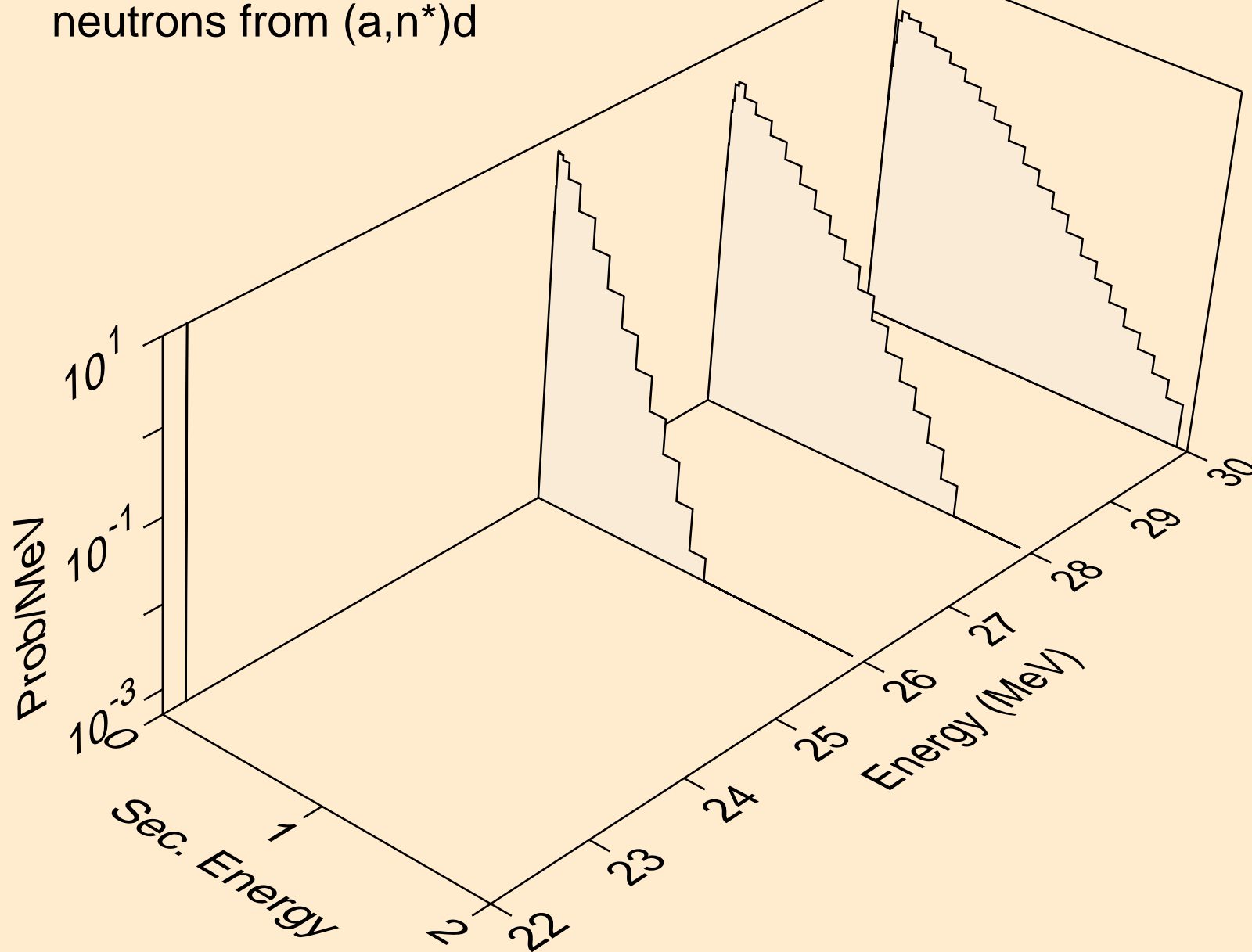
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neutrons from (a,2n)a



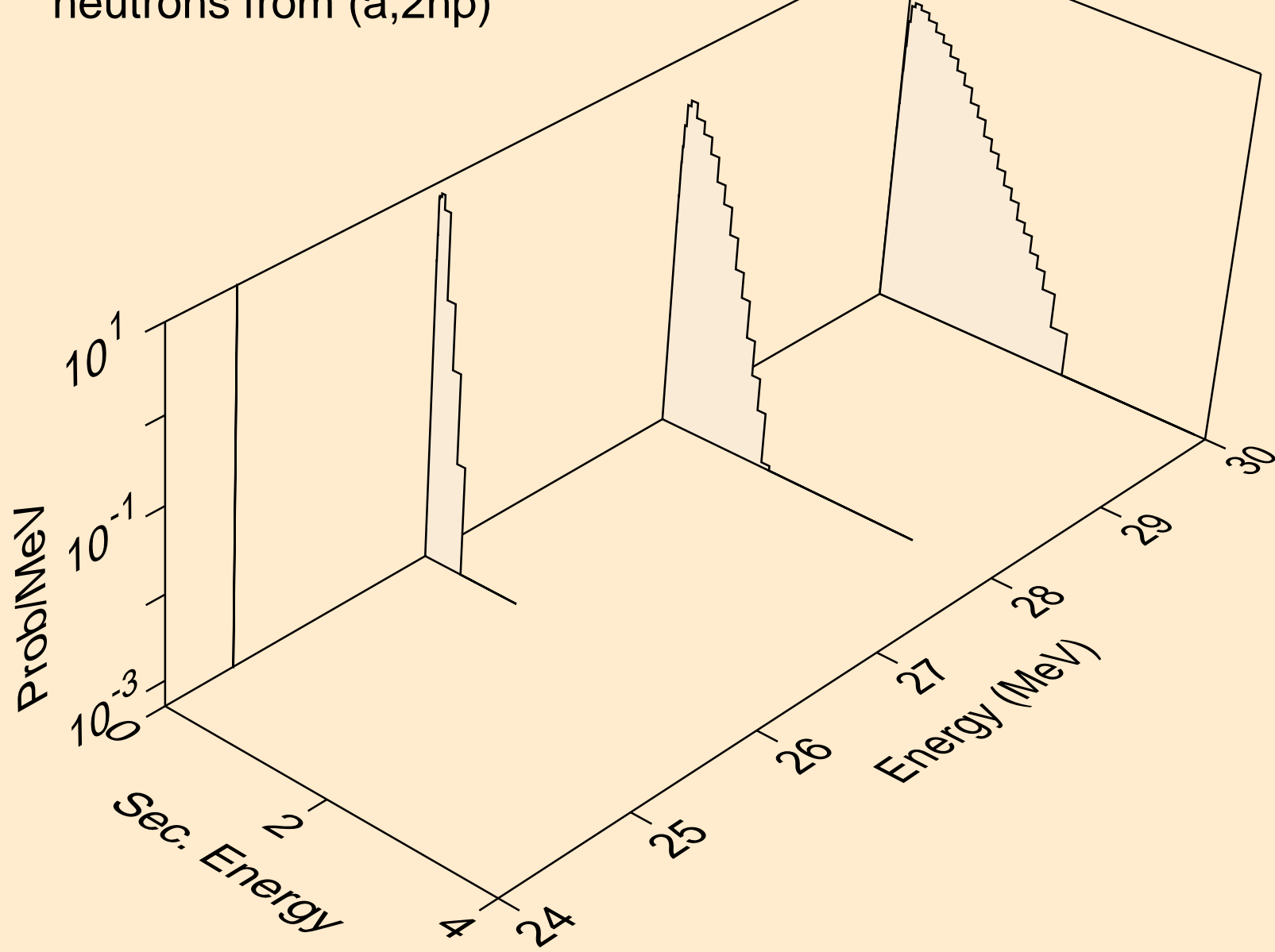
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neutrons from (a,n\*)p



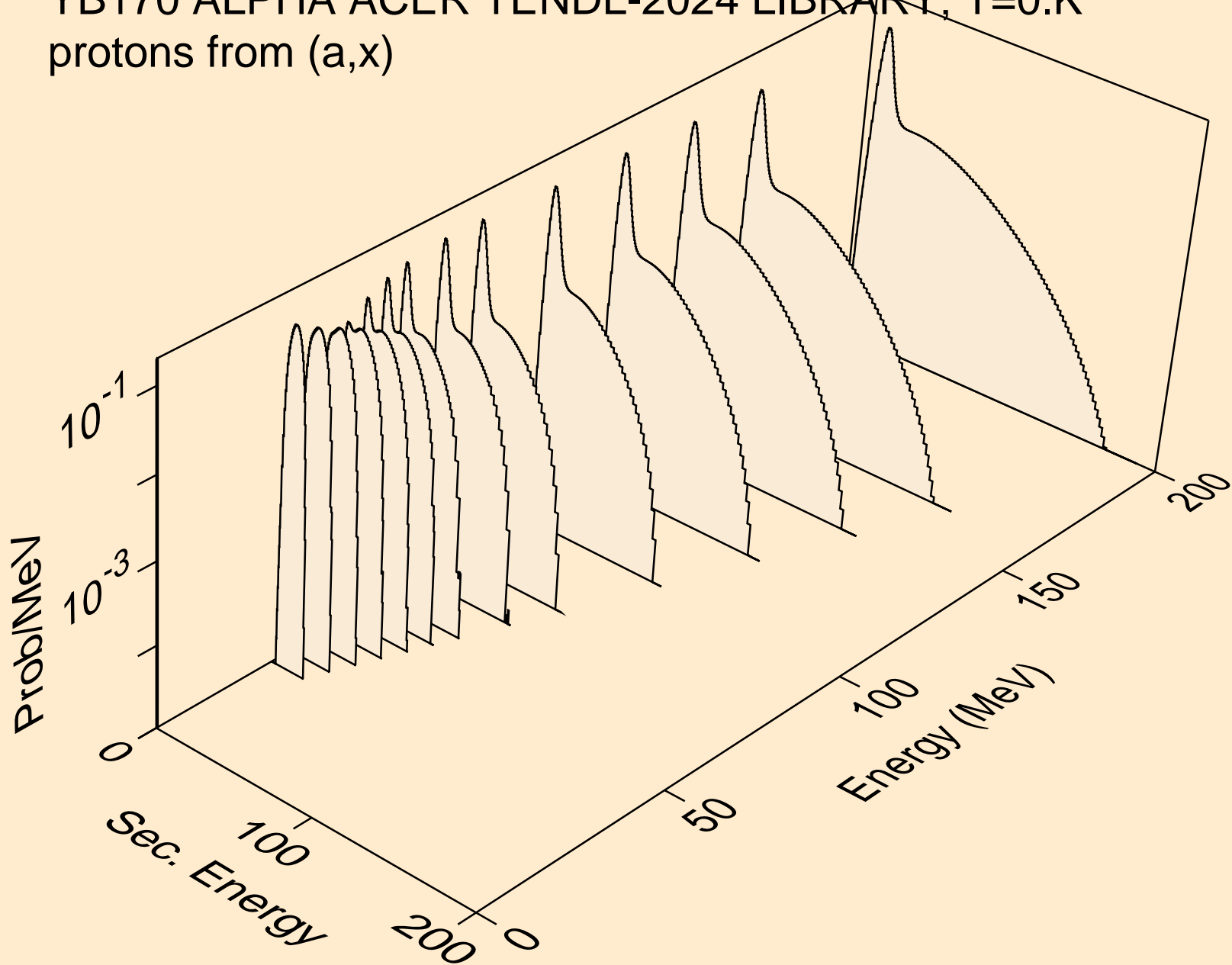
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neutrons from (a,n\*)d



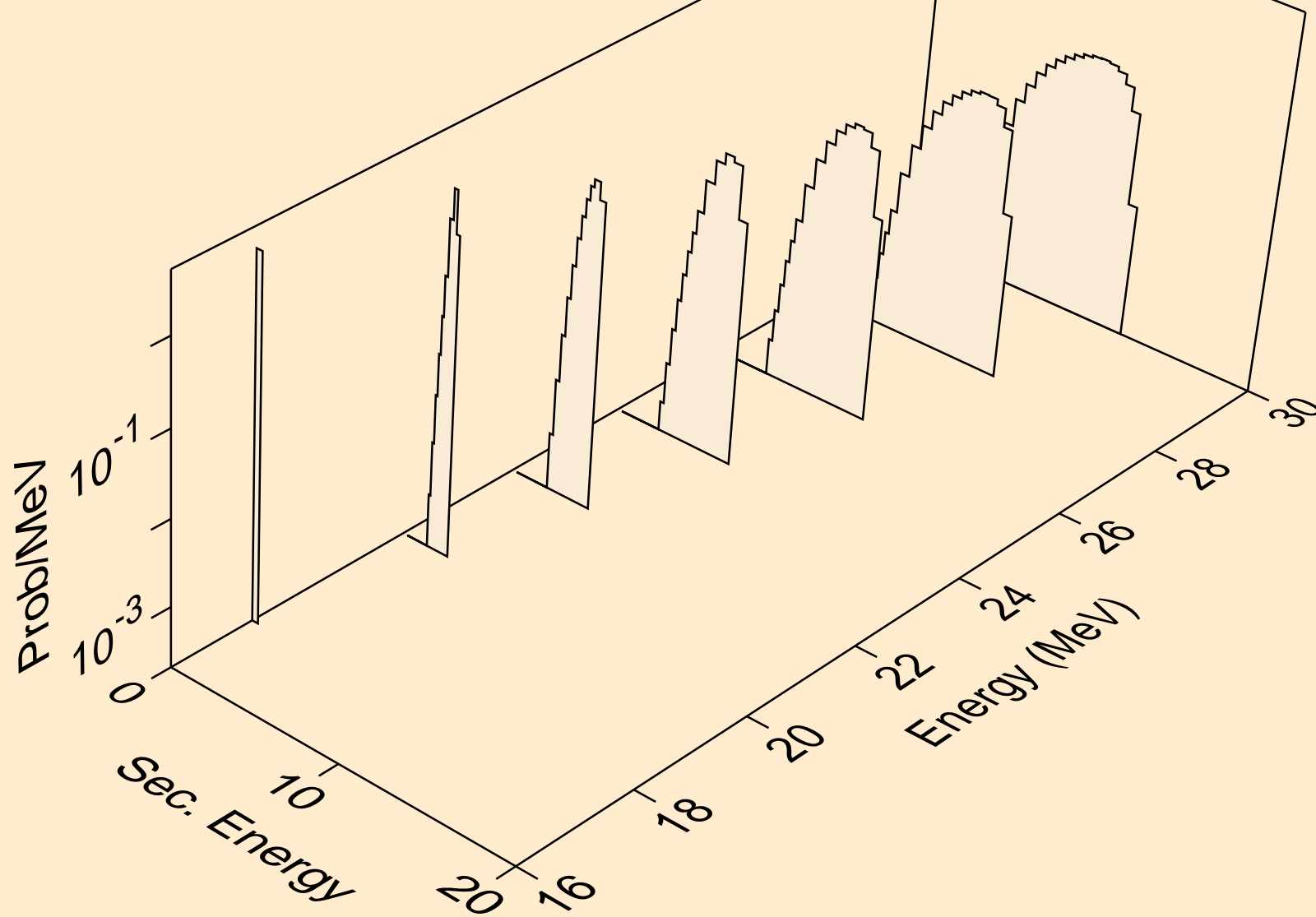
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neutrons from (a,2np)



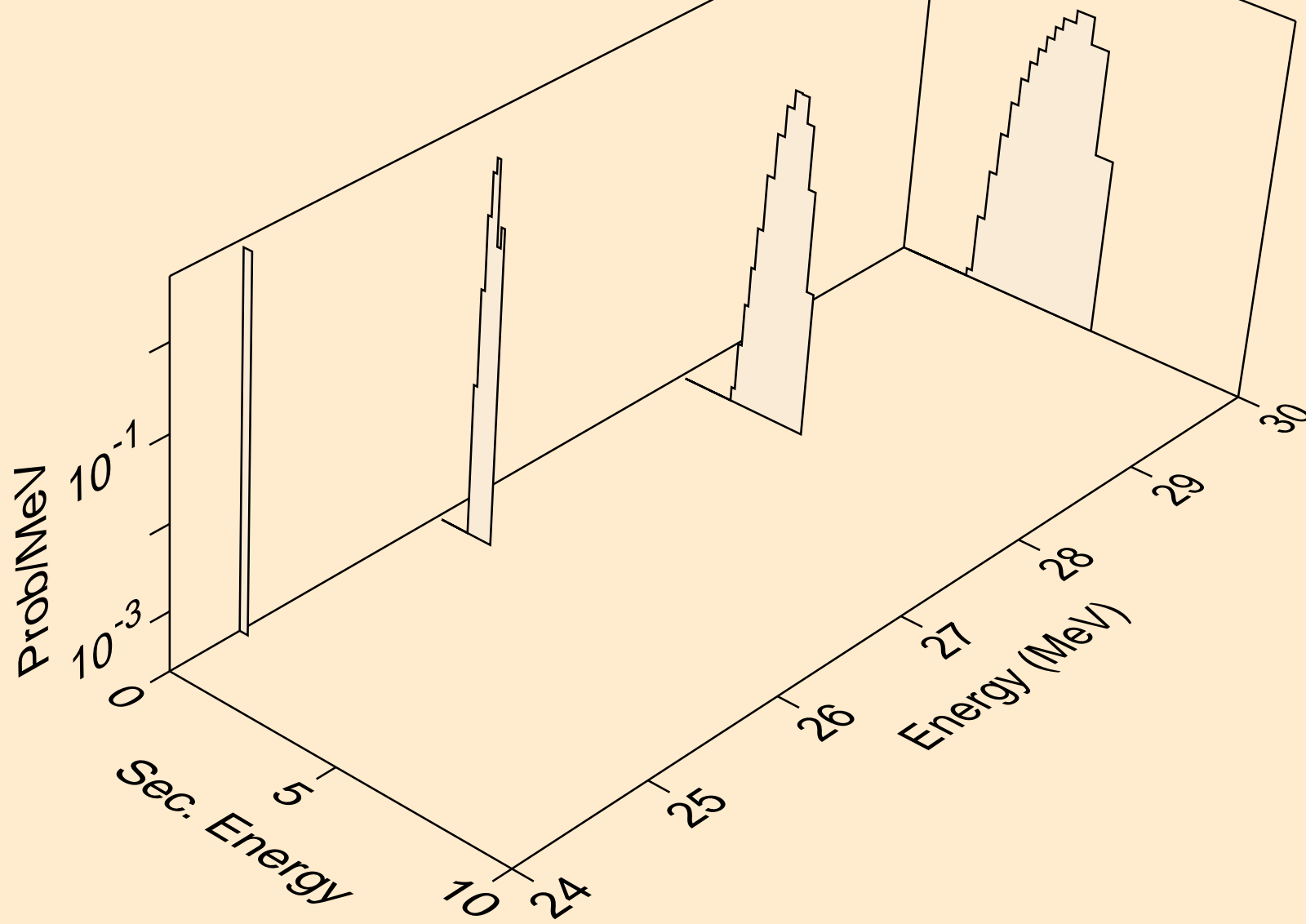
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



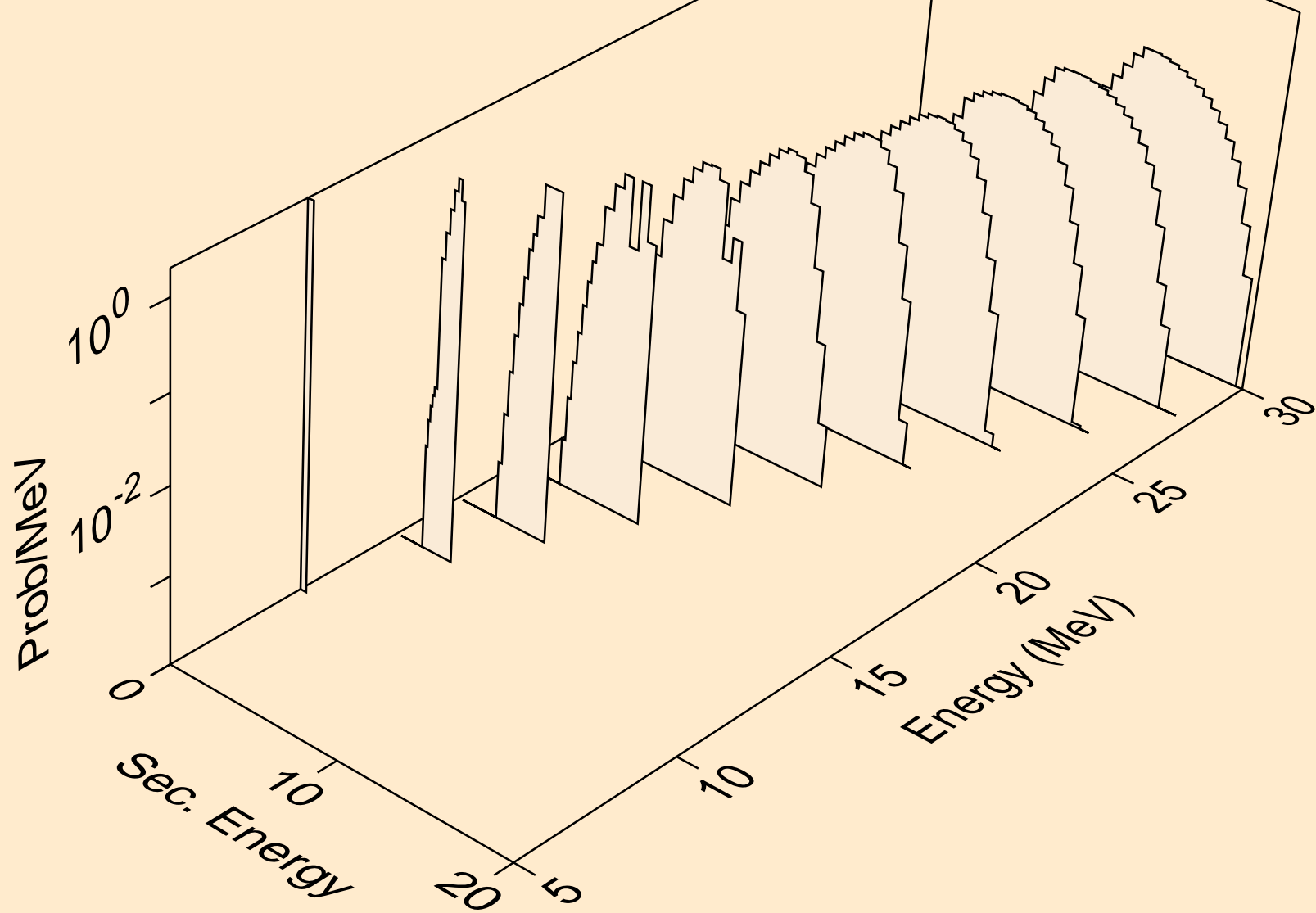
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protons from (a,n\*)p



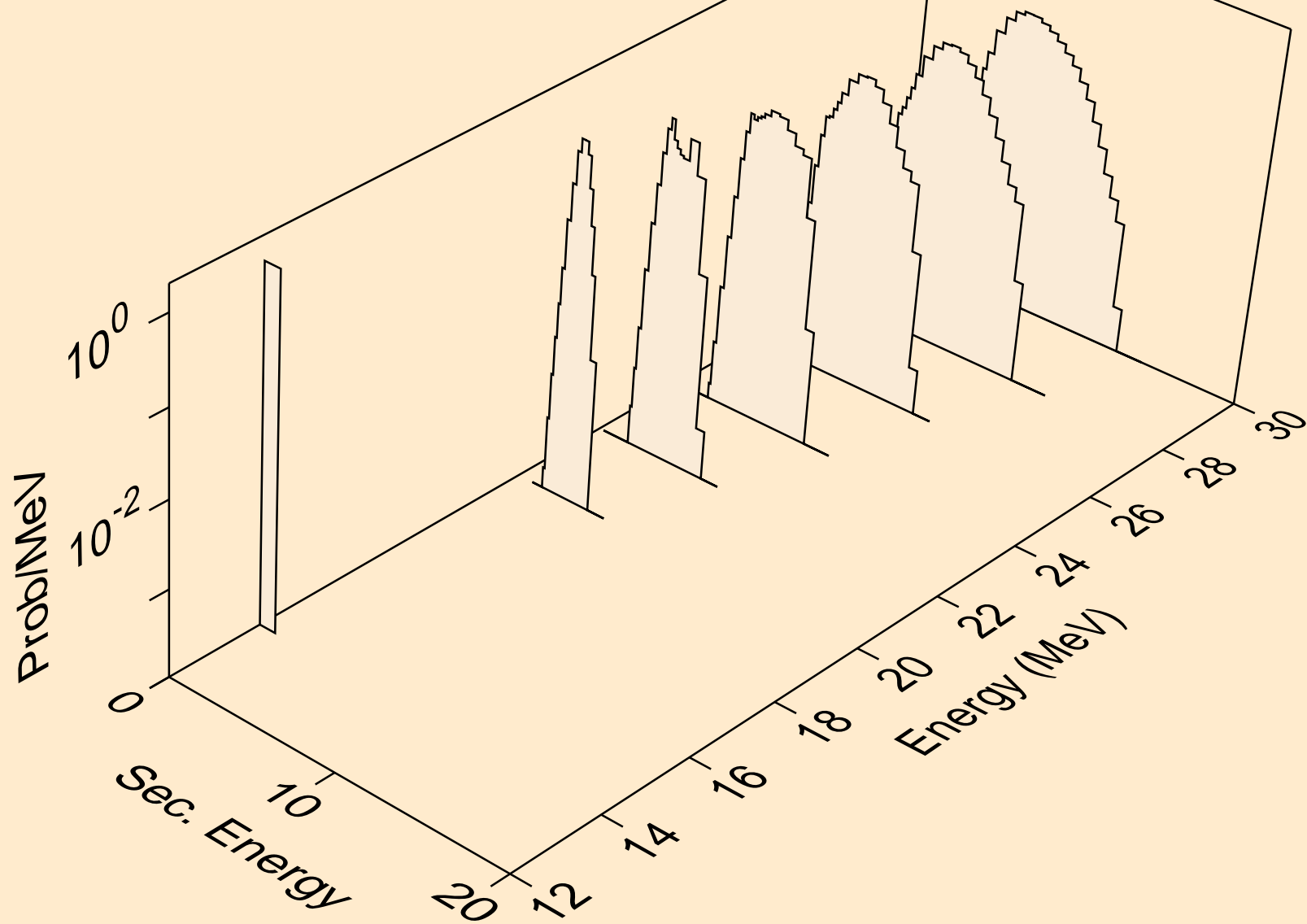
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protons from (a,2np)



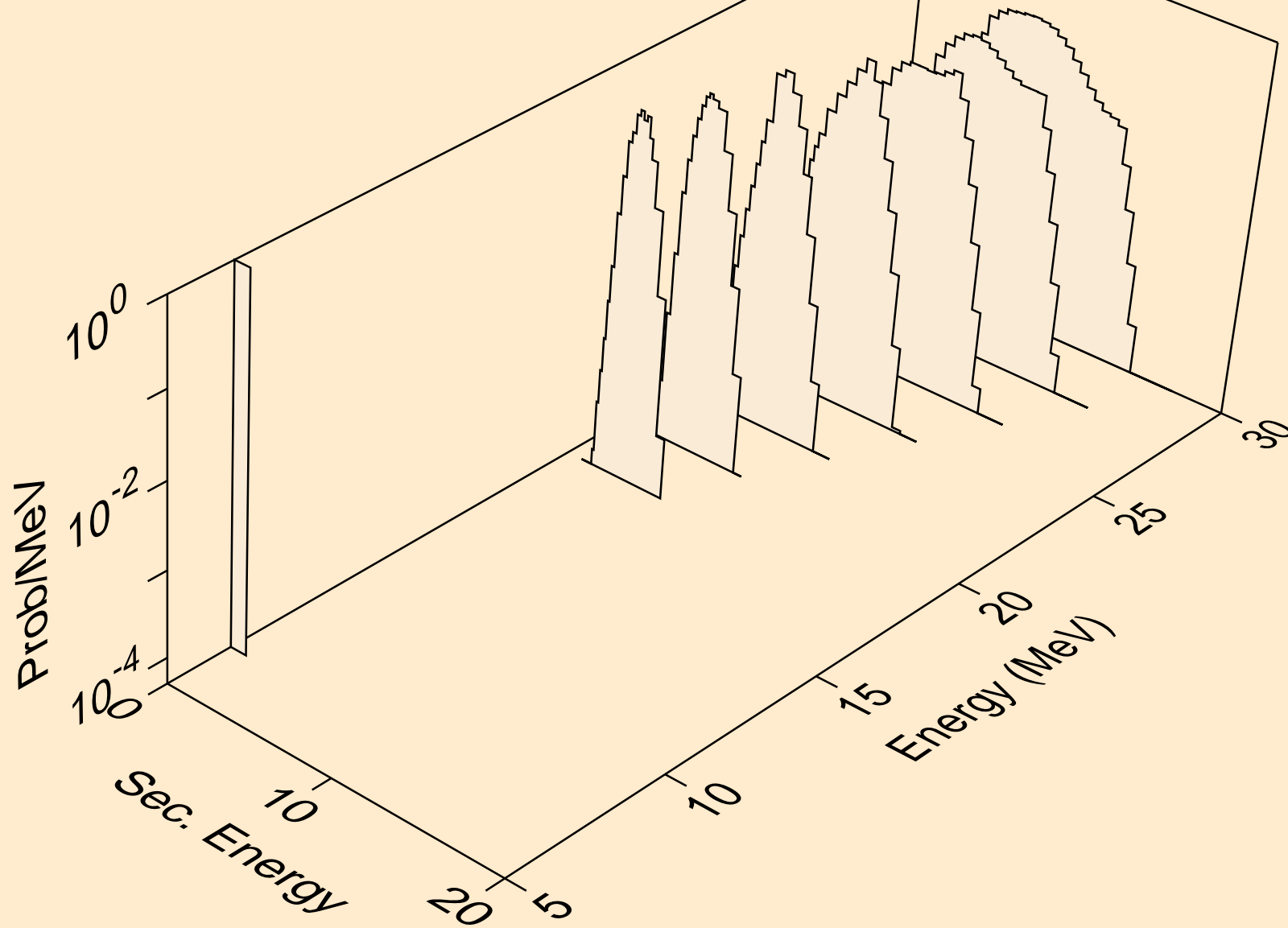
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protons from (a,p)



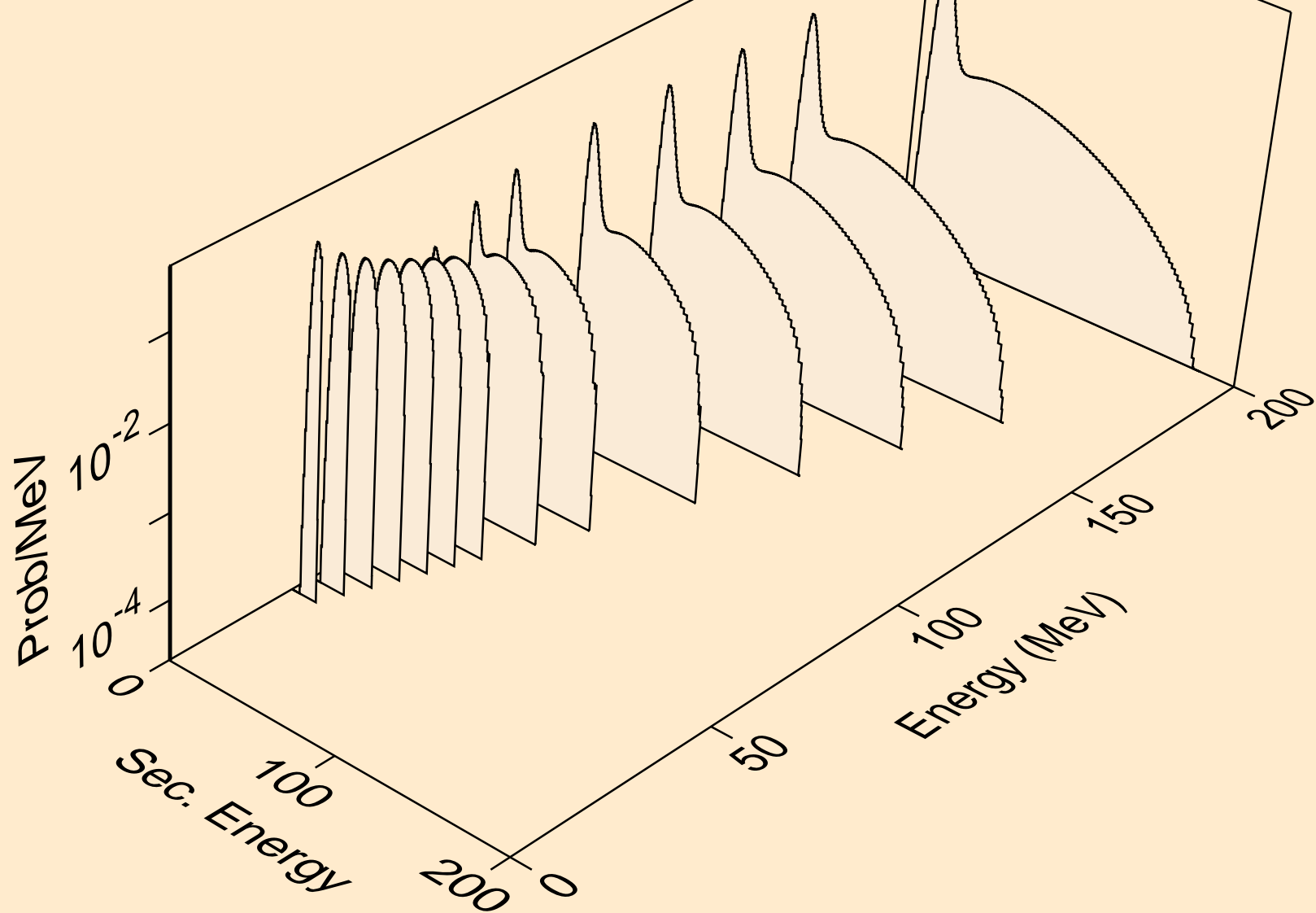
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protons from (a,2p)



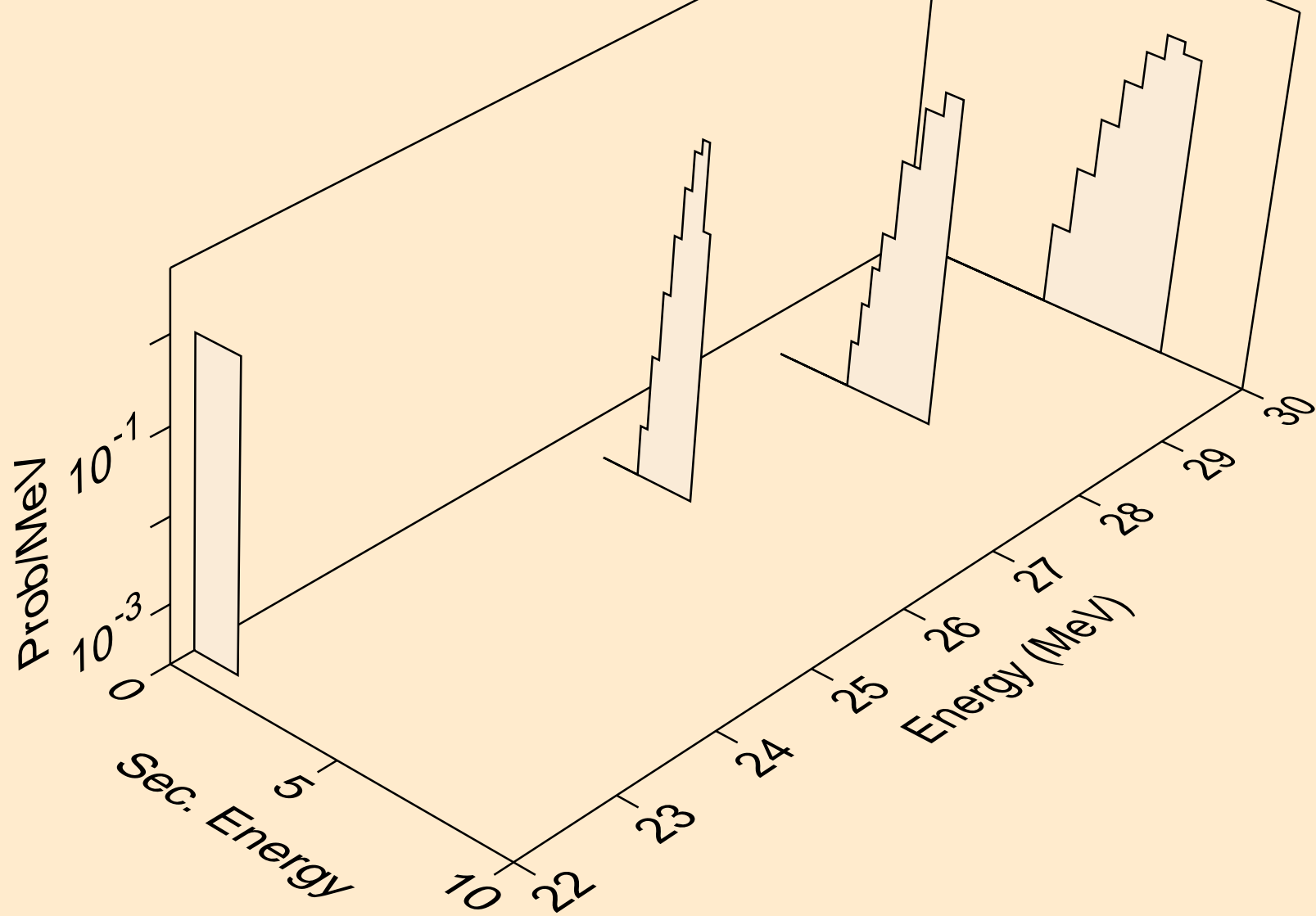
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protons from (a,pa)



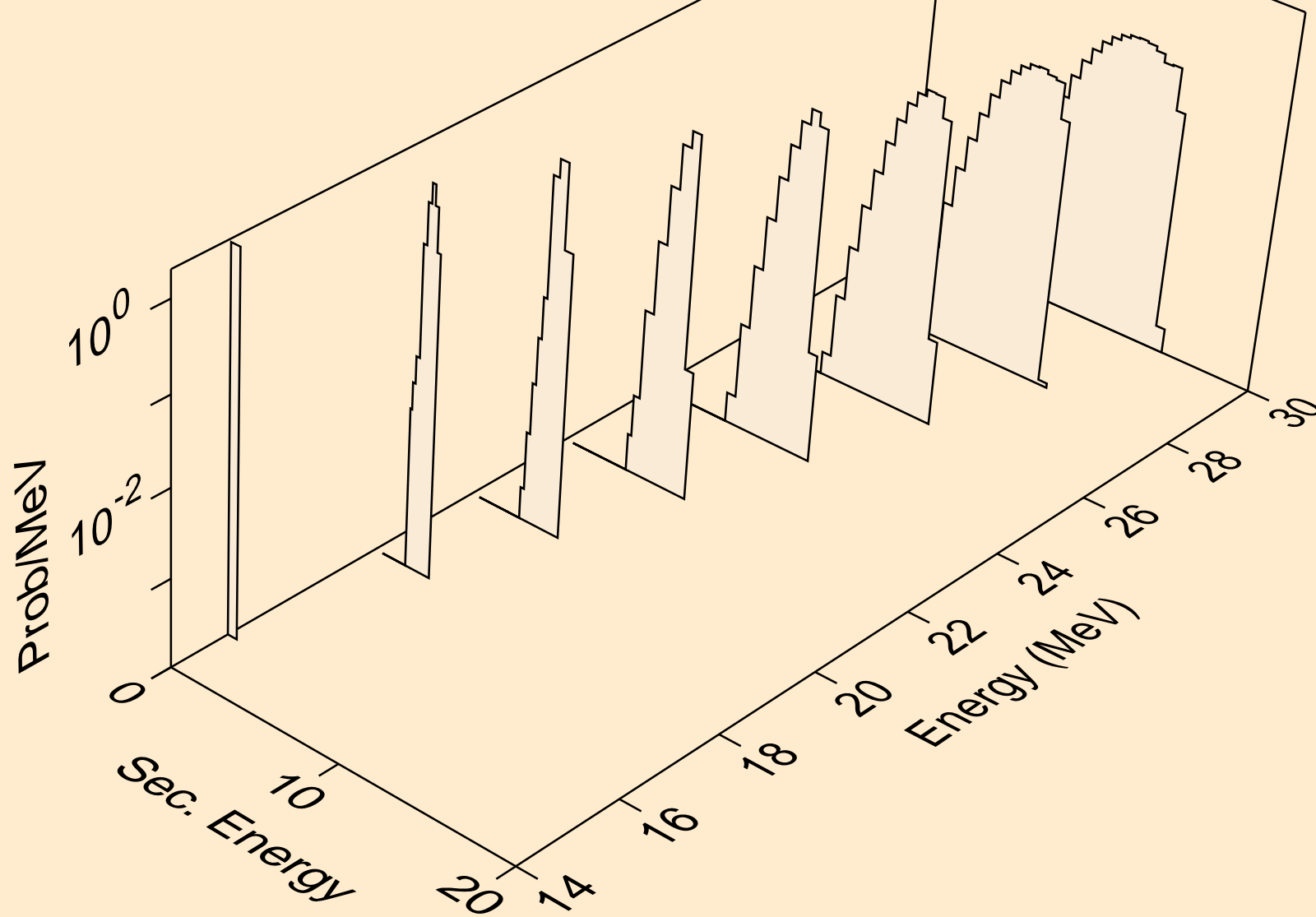
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



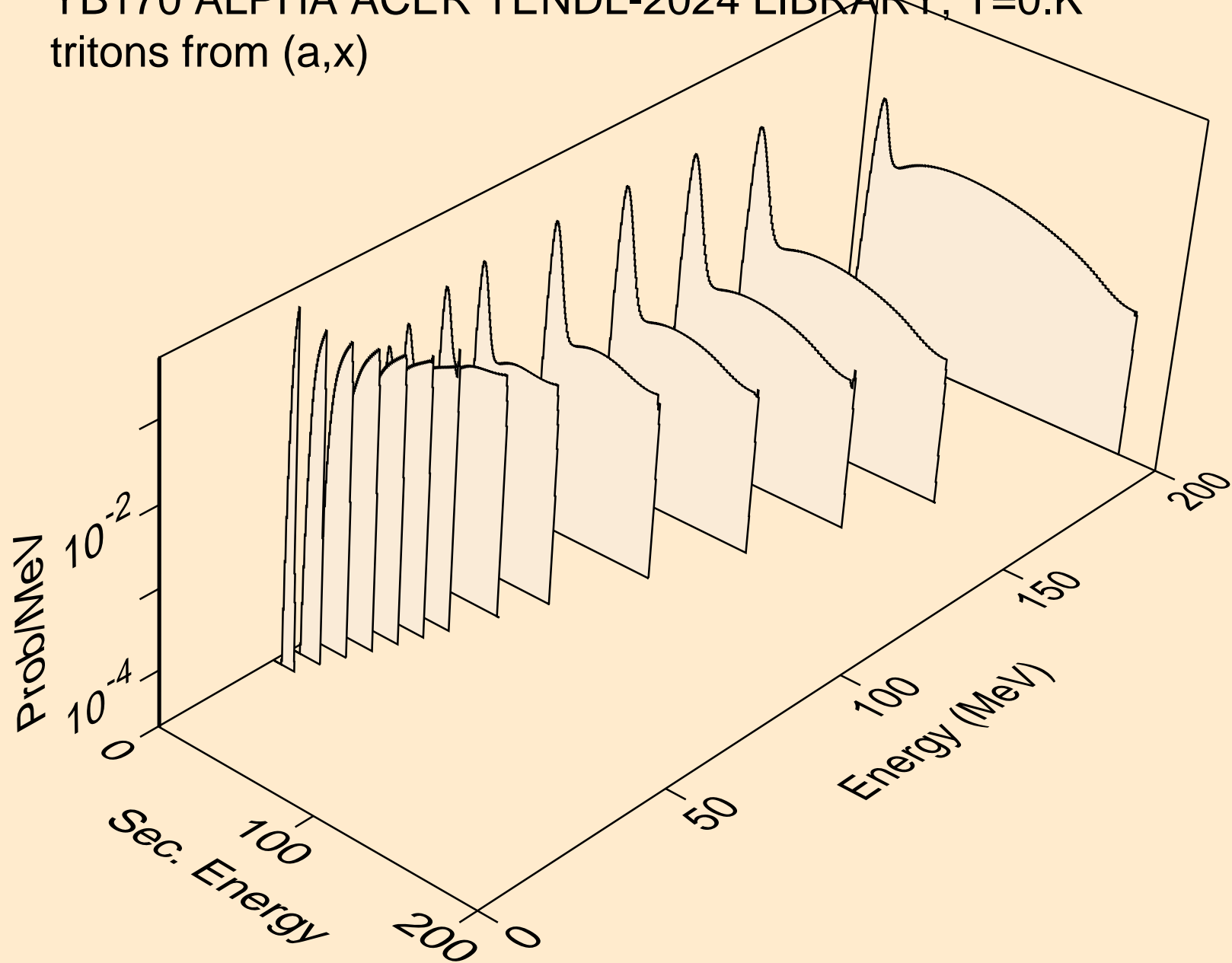
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



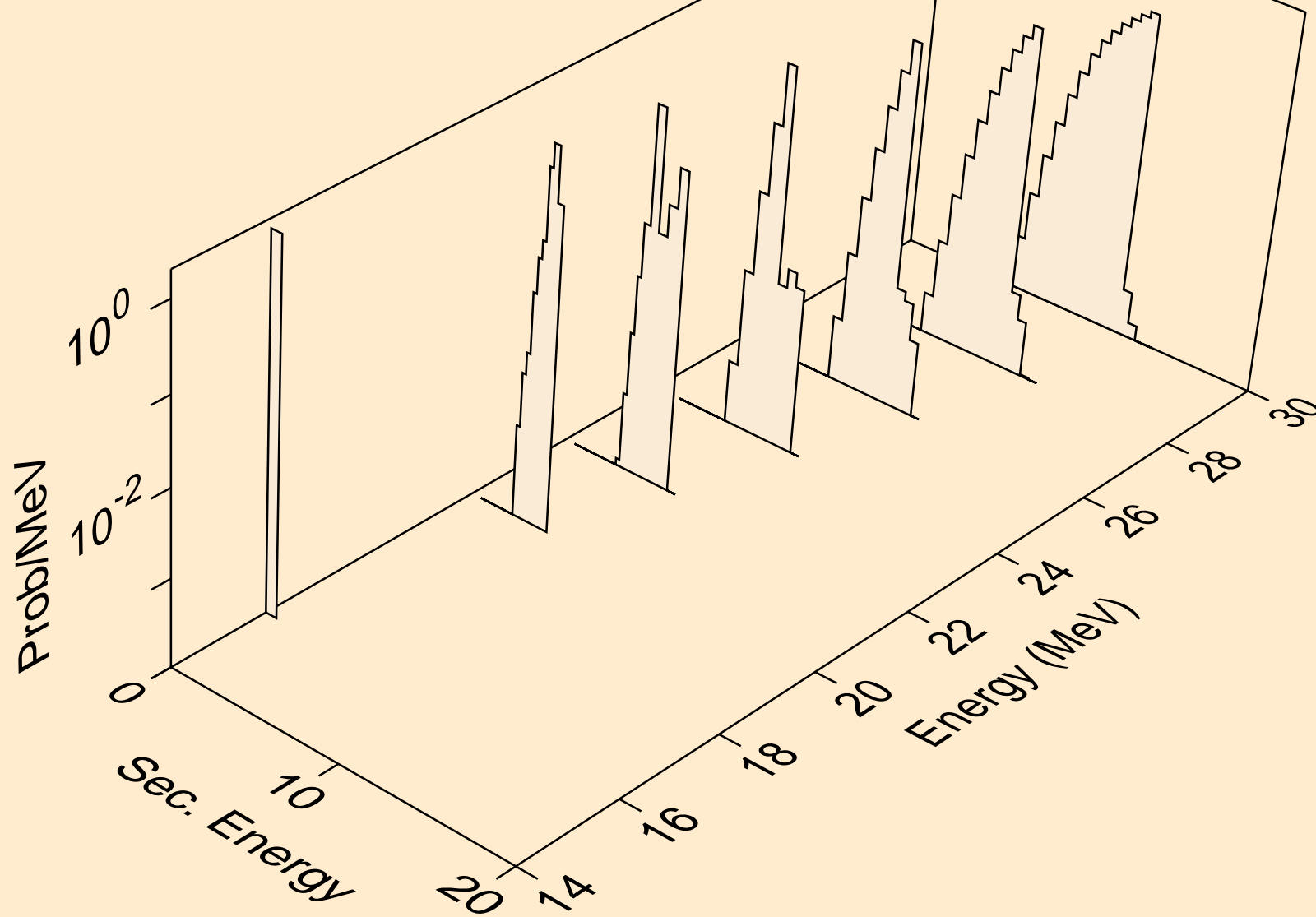
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deuterons from (a,d)



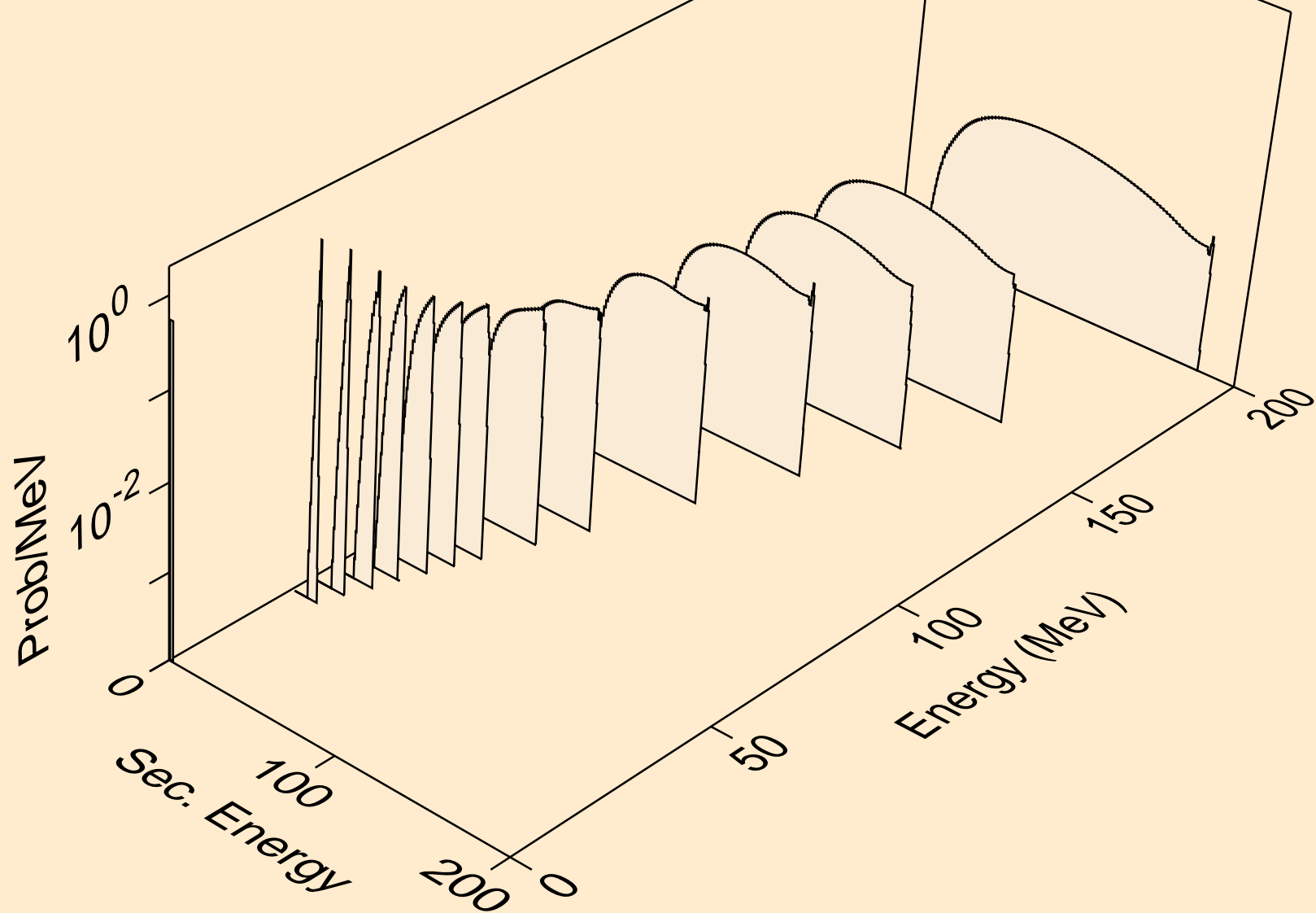
YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



YB170 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

