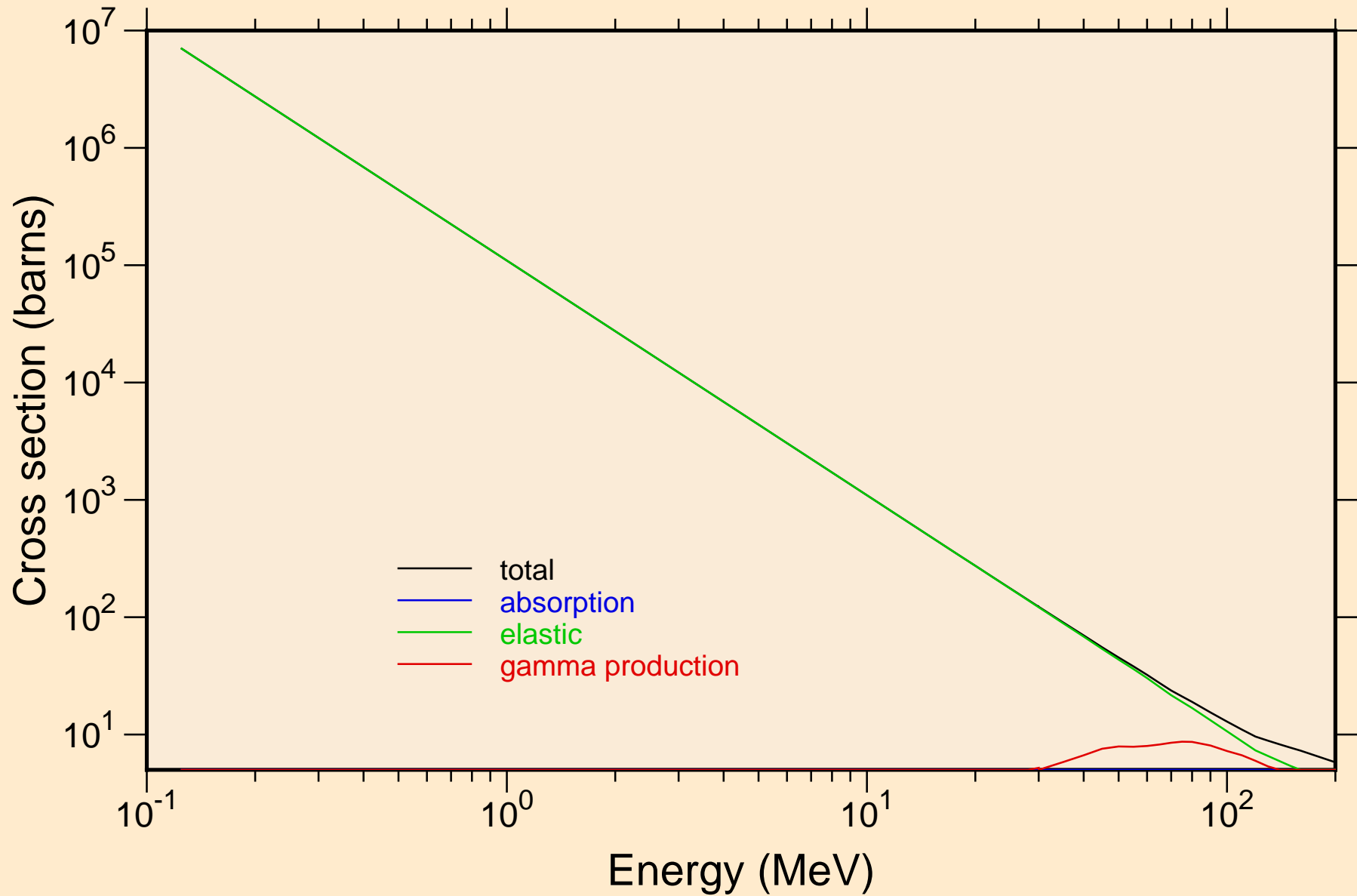


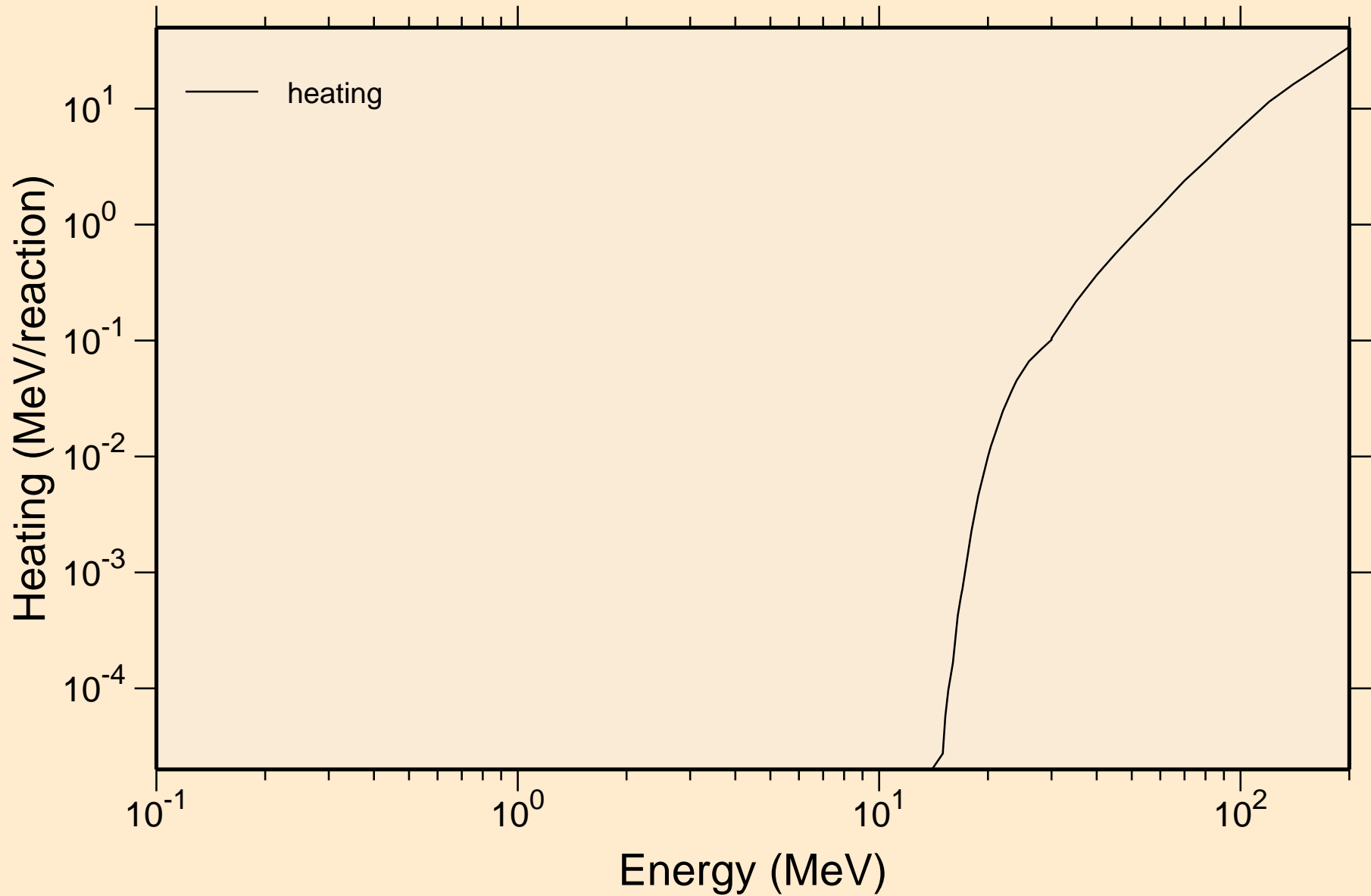
# TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



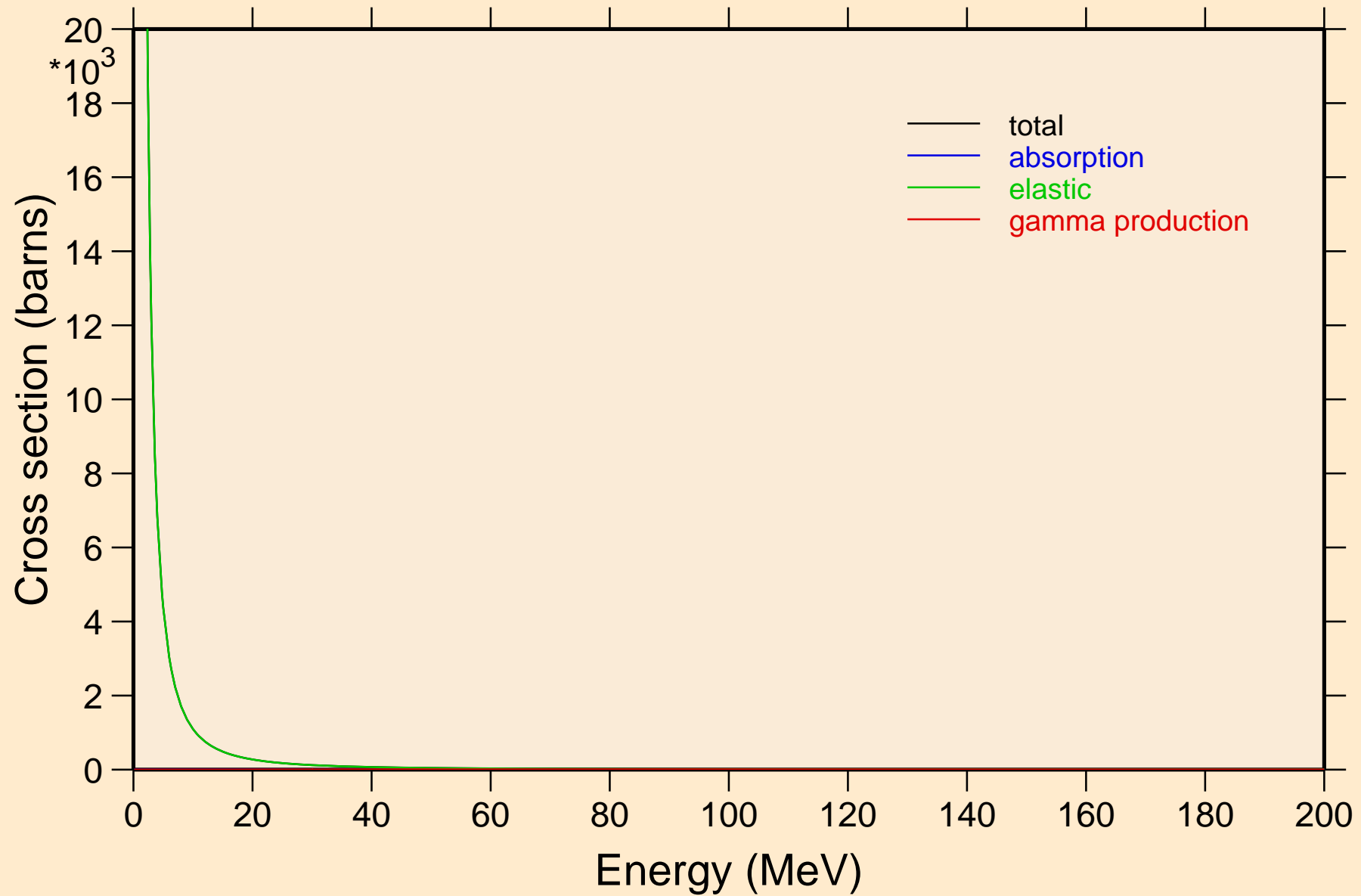
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



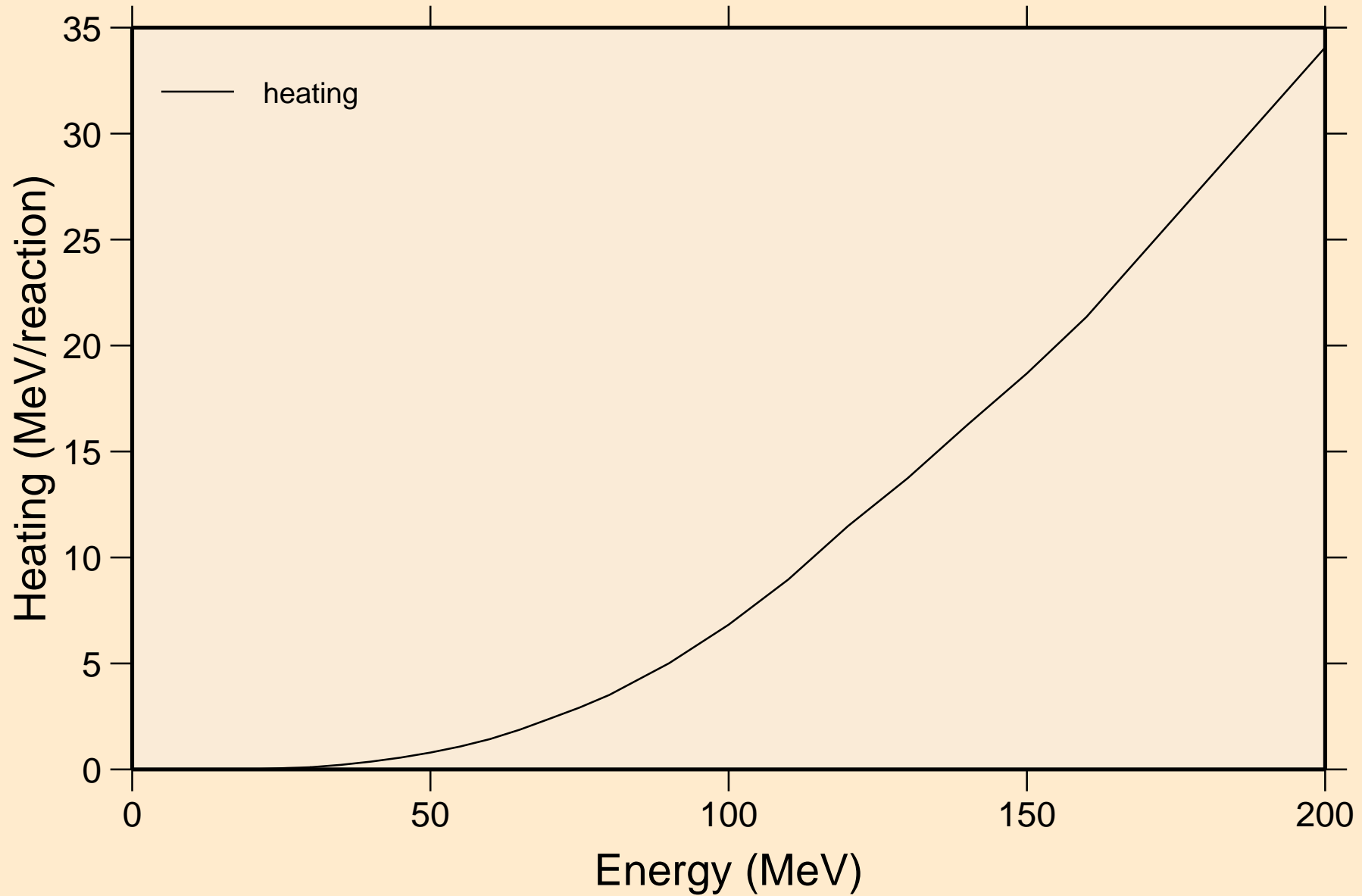
# TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

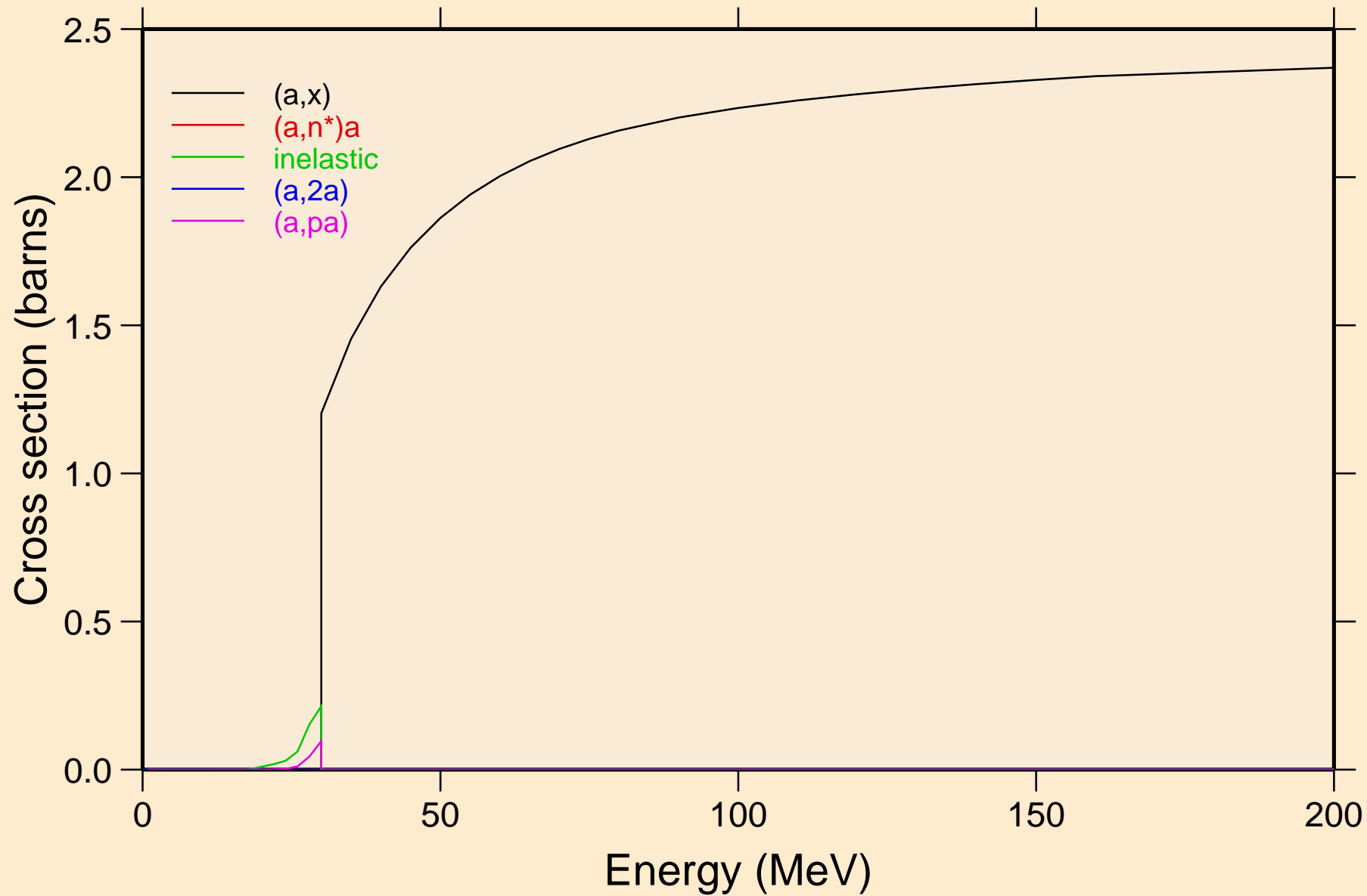


TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

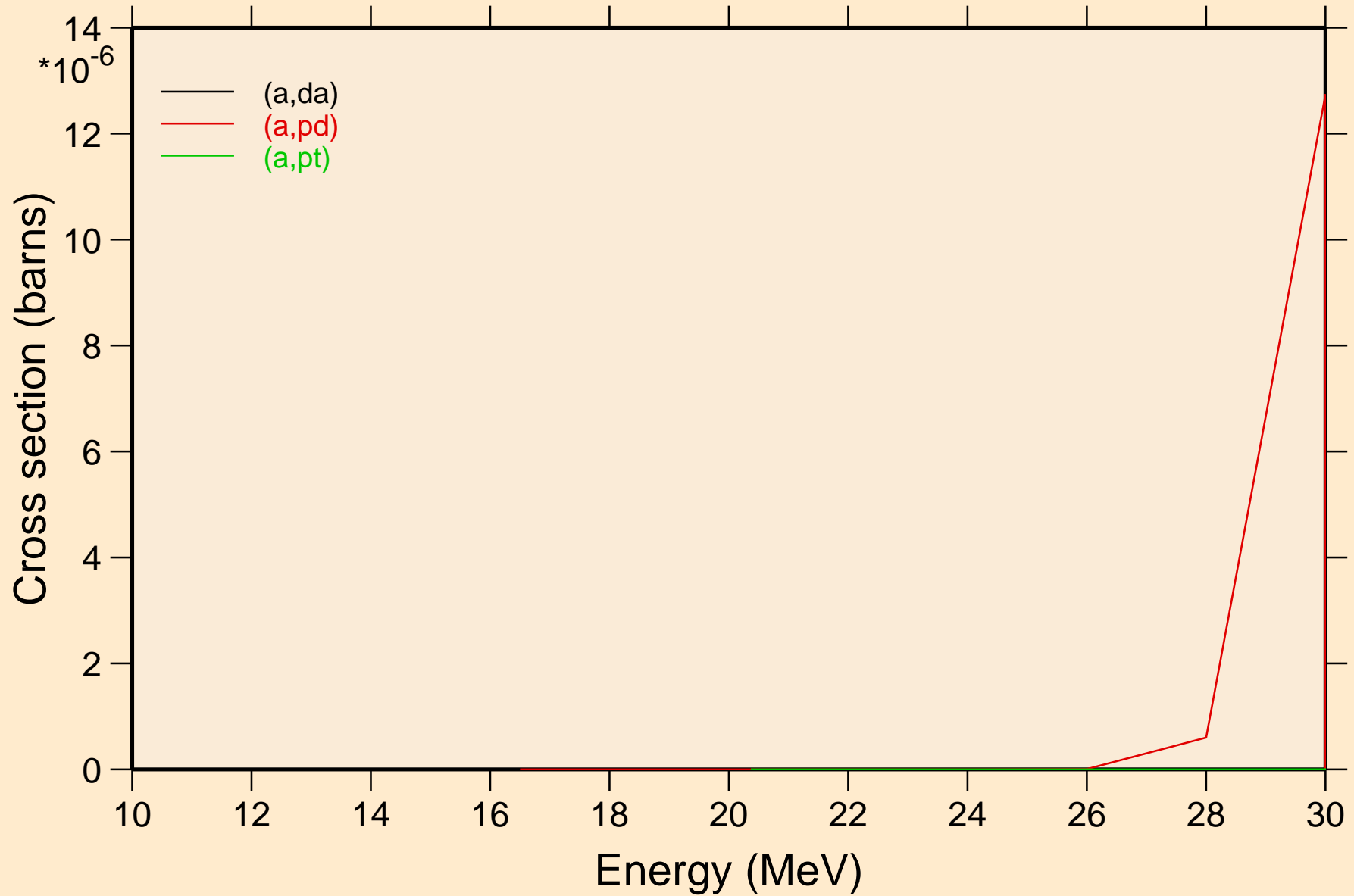
Heating



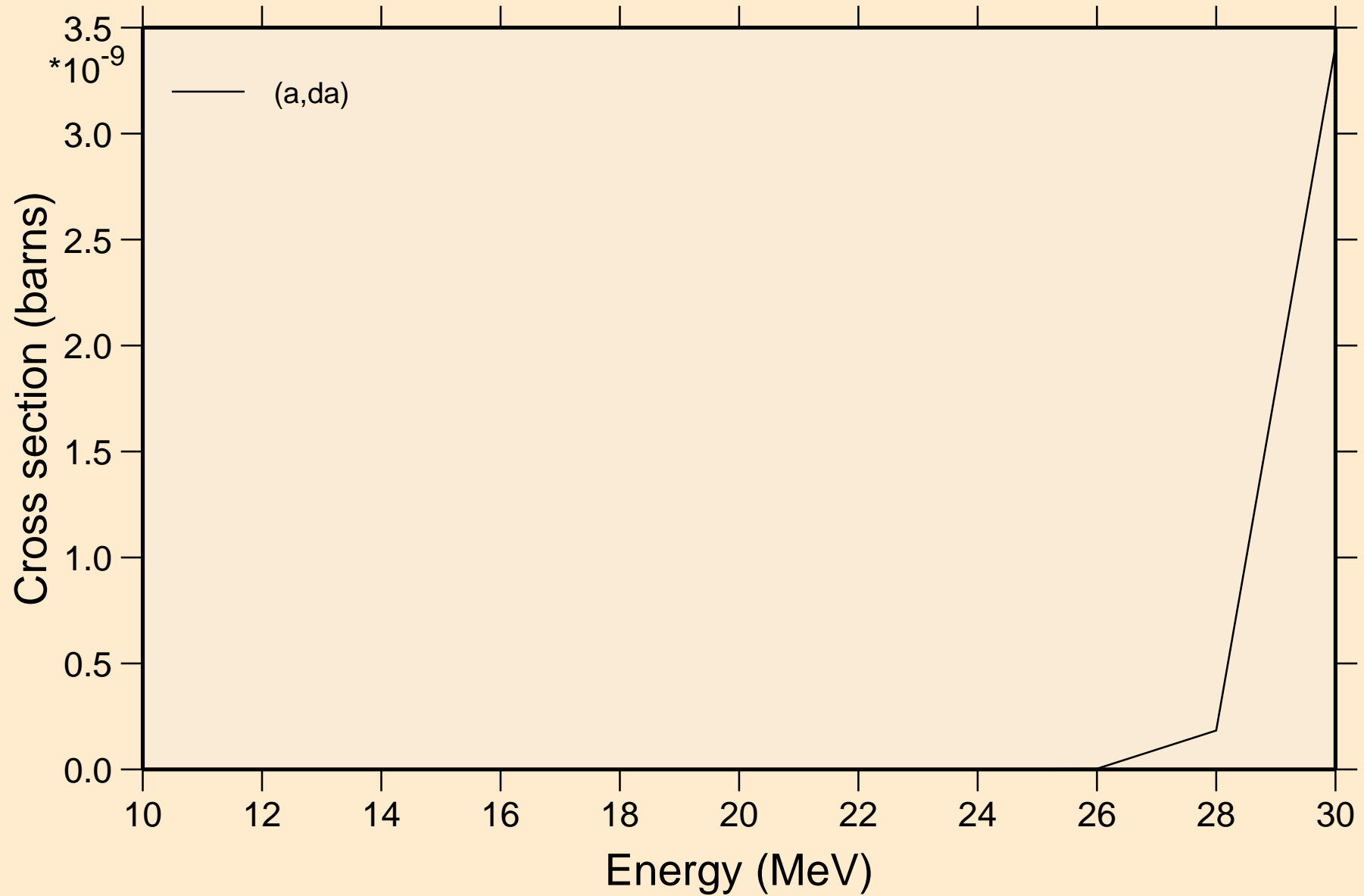
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Threshold reactions



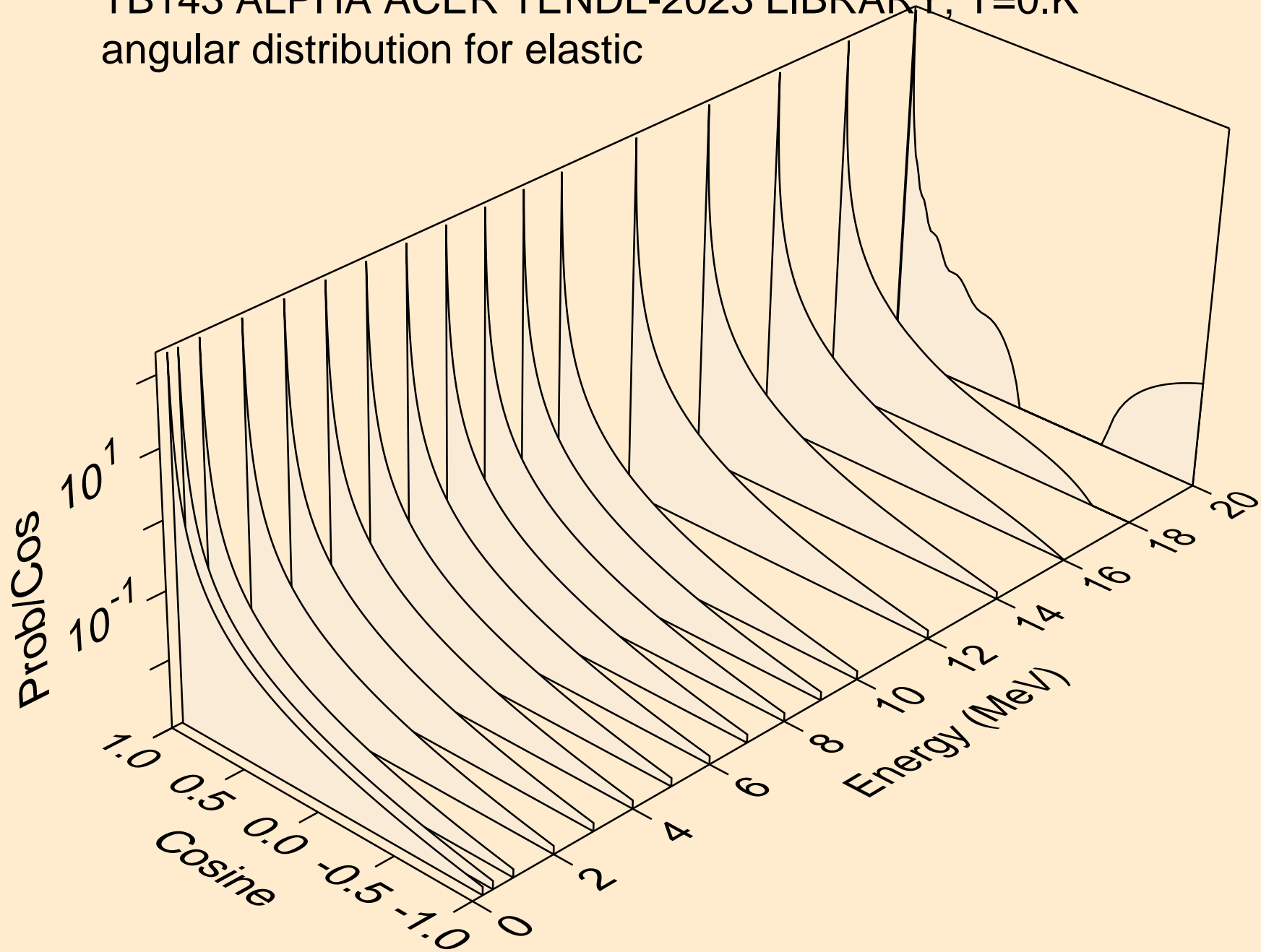
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

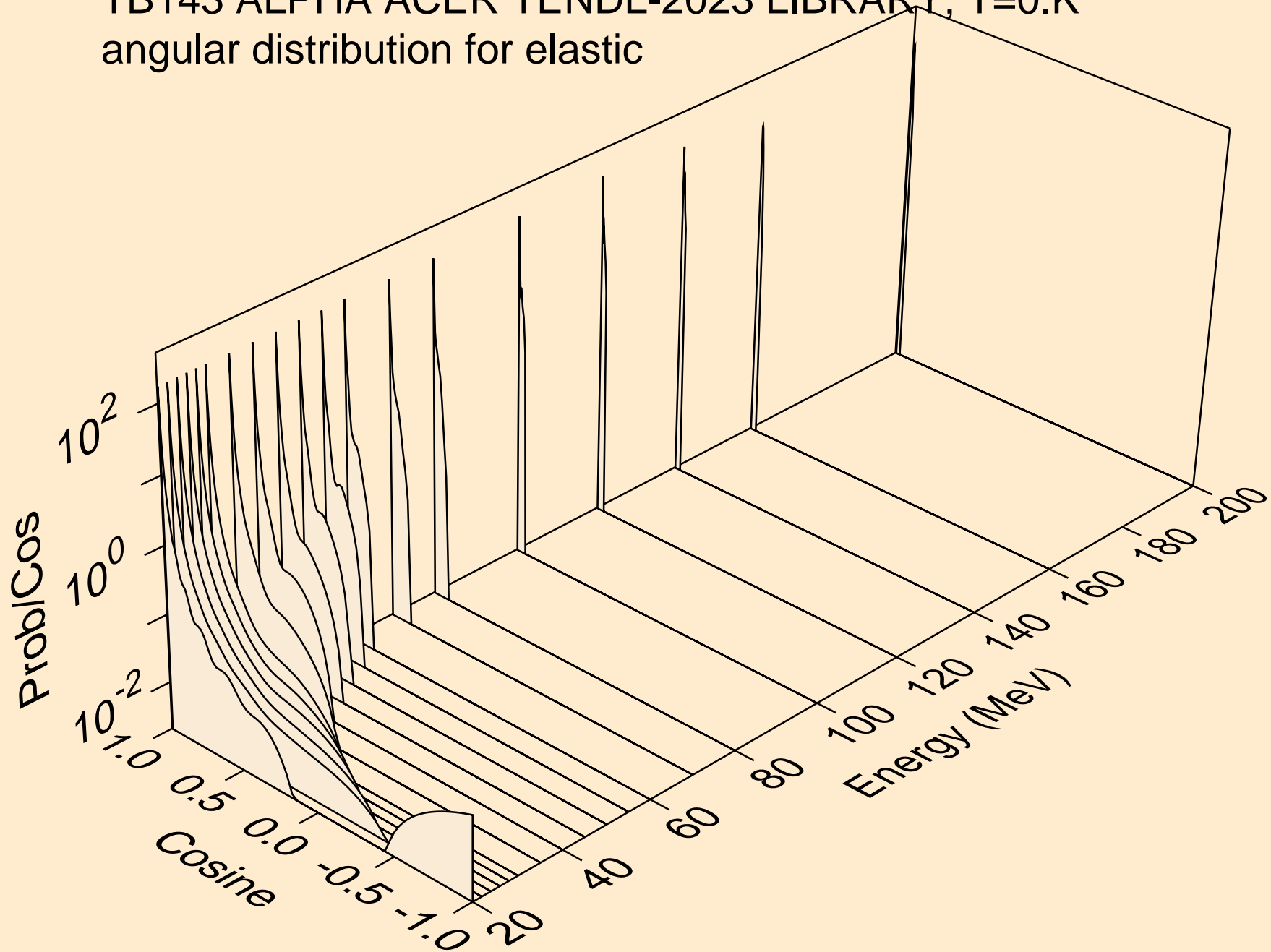


TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

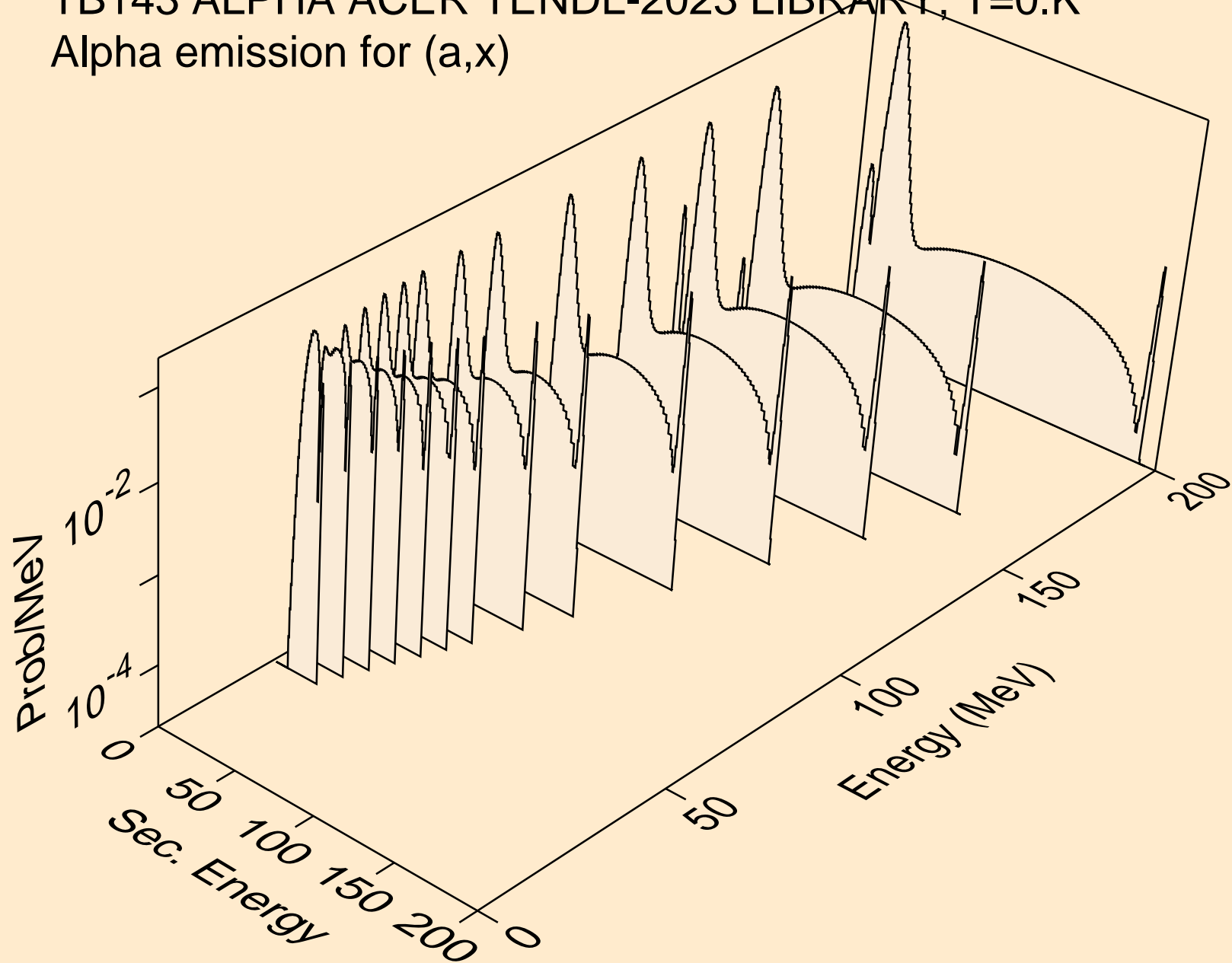




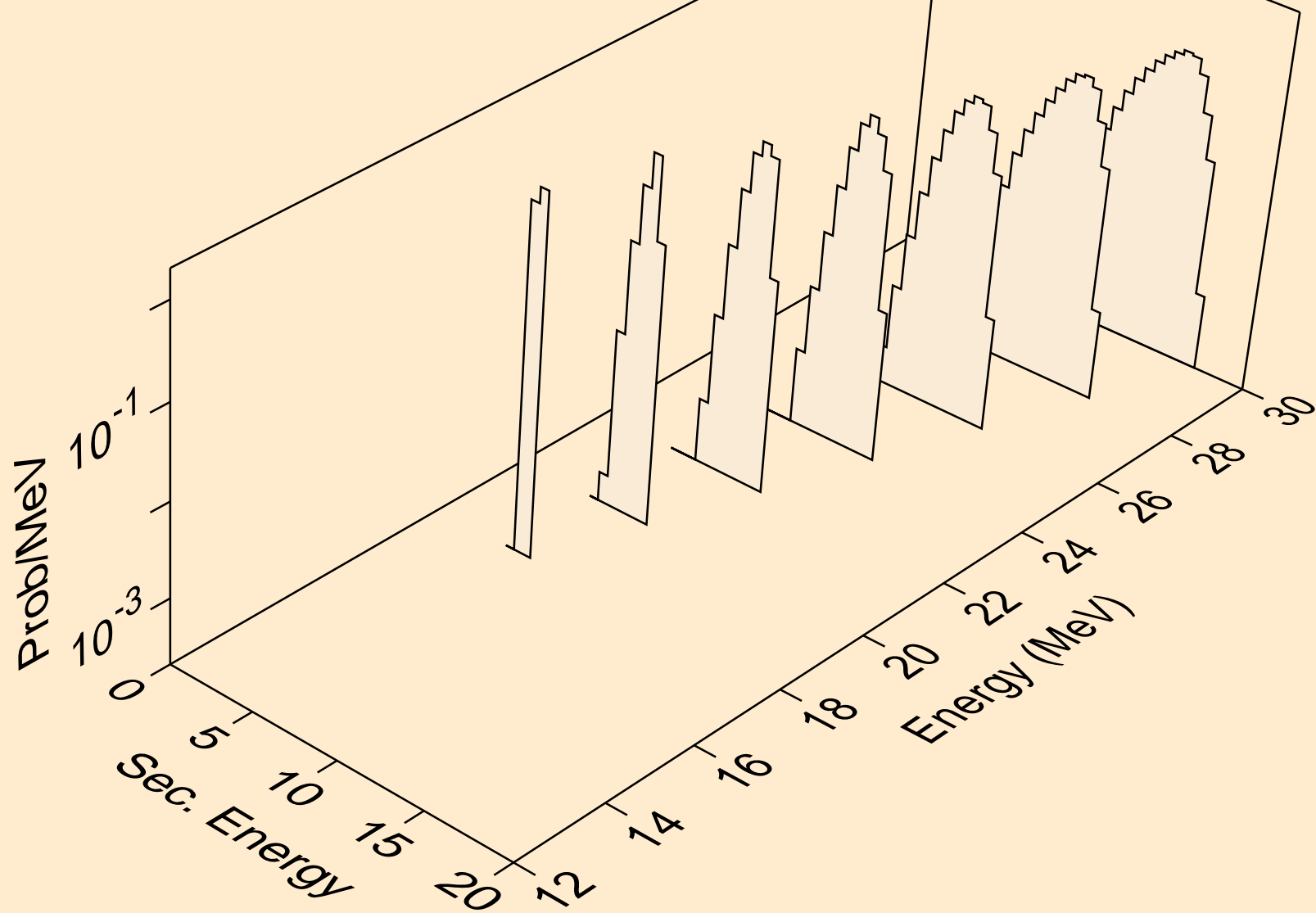
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



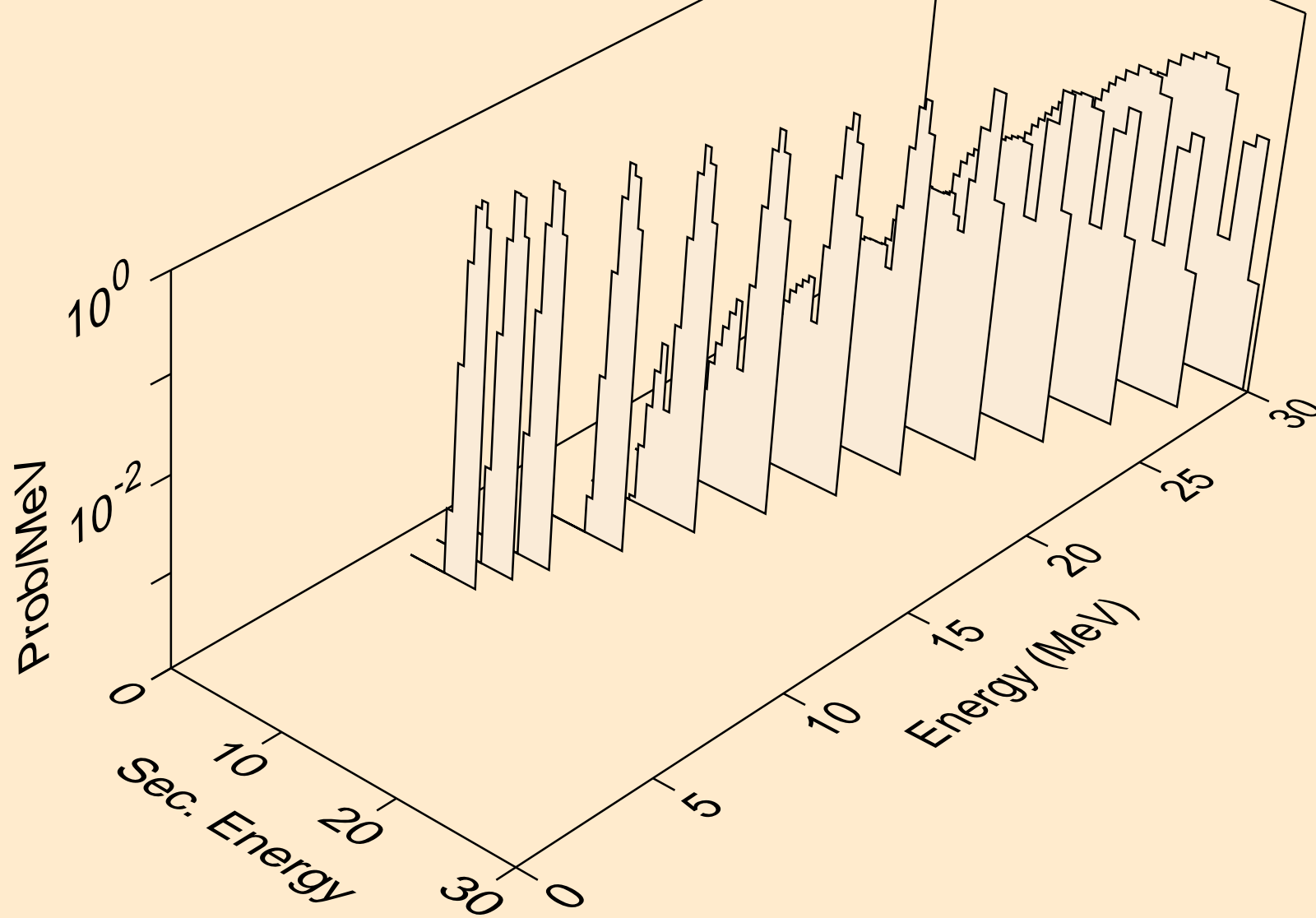
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



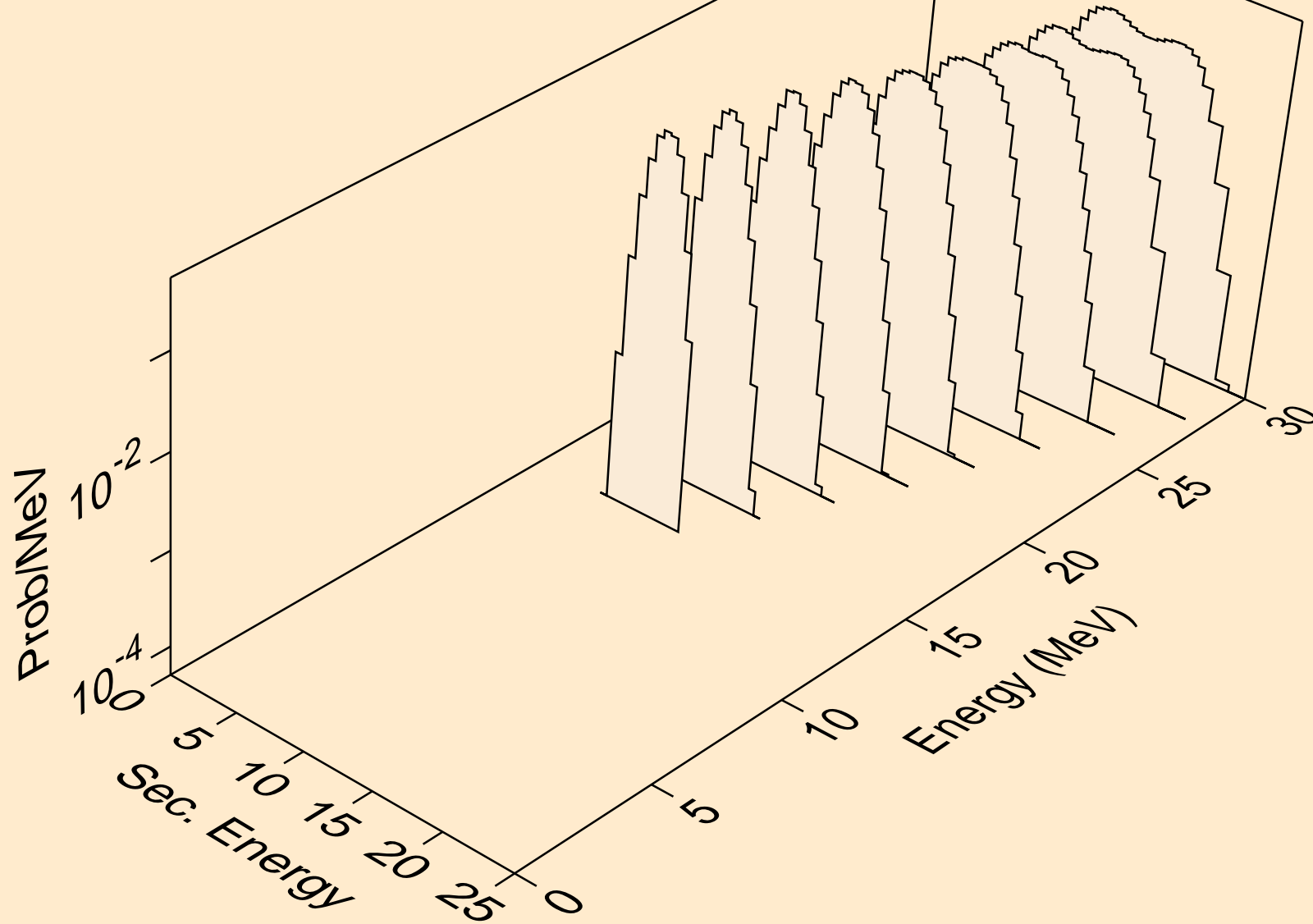
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



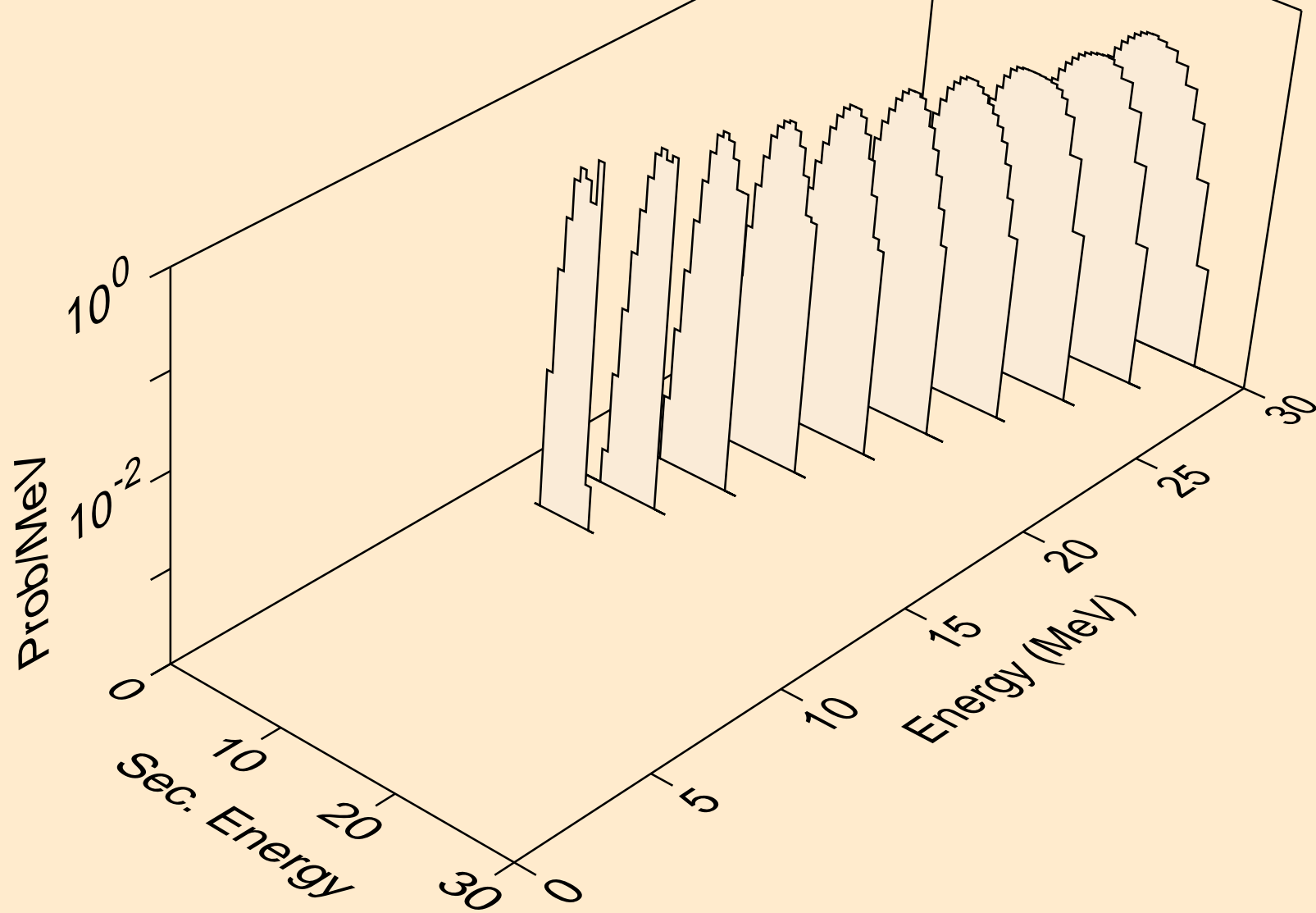
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



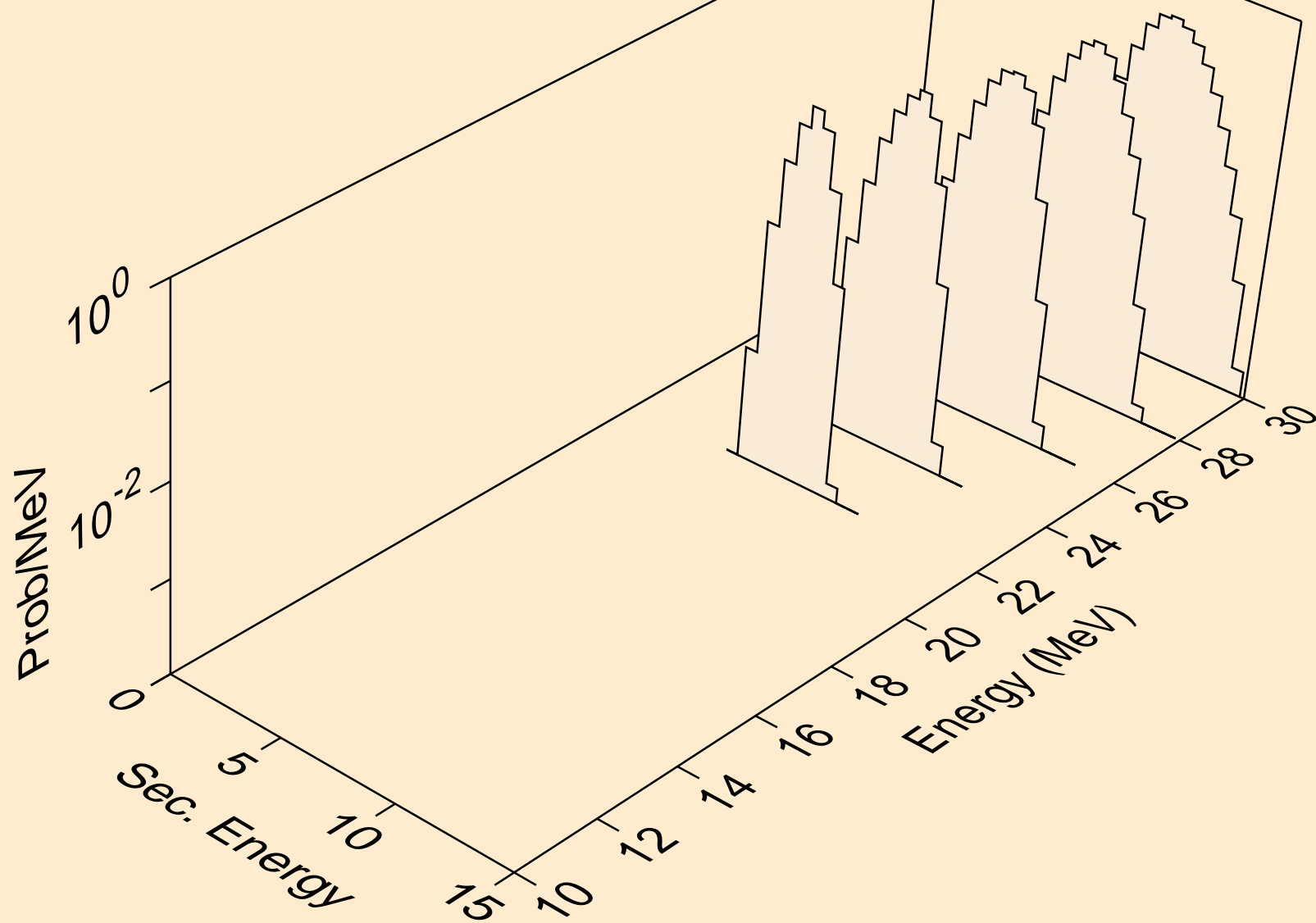
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



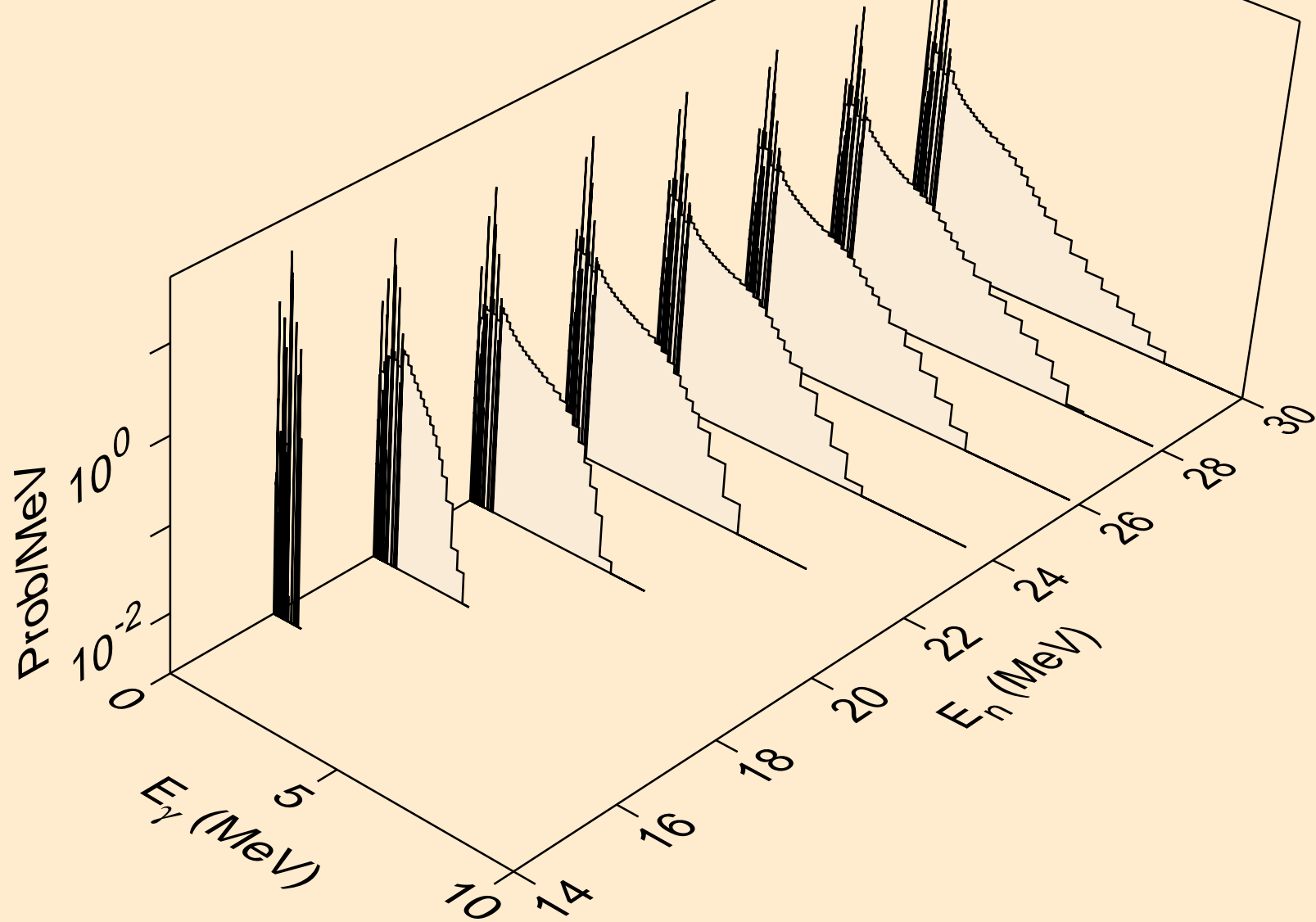
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)

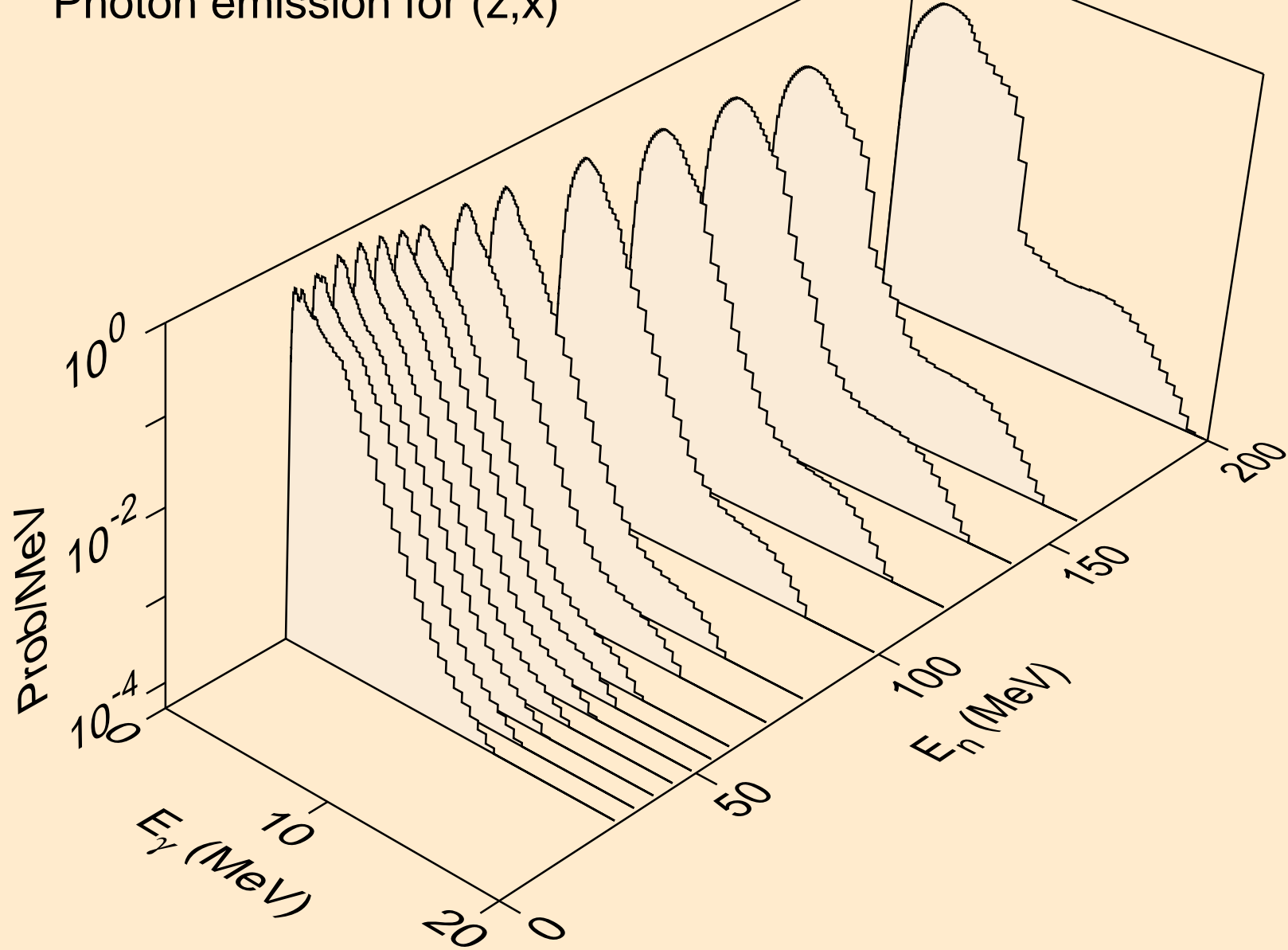


TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

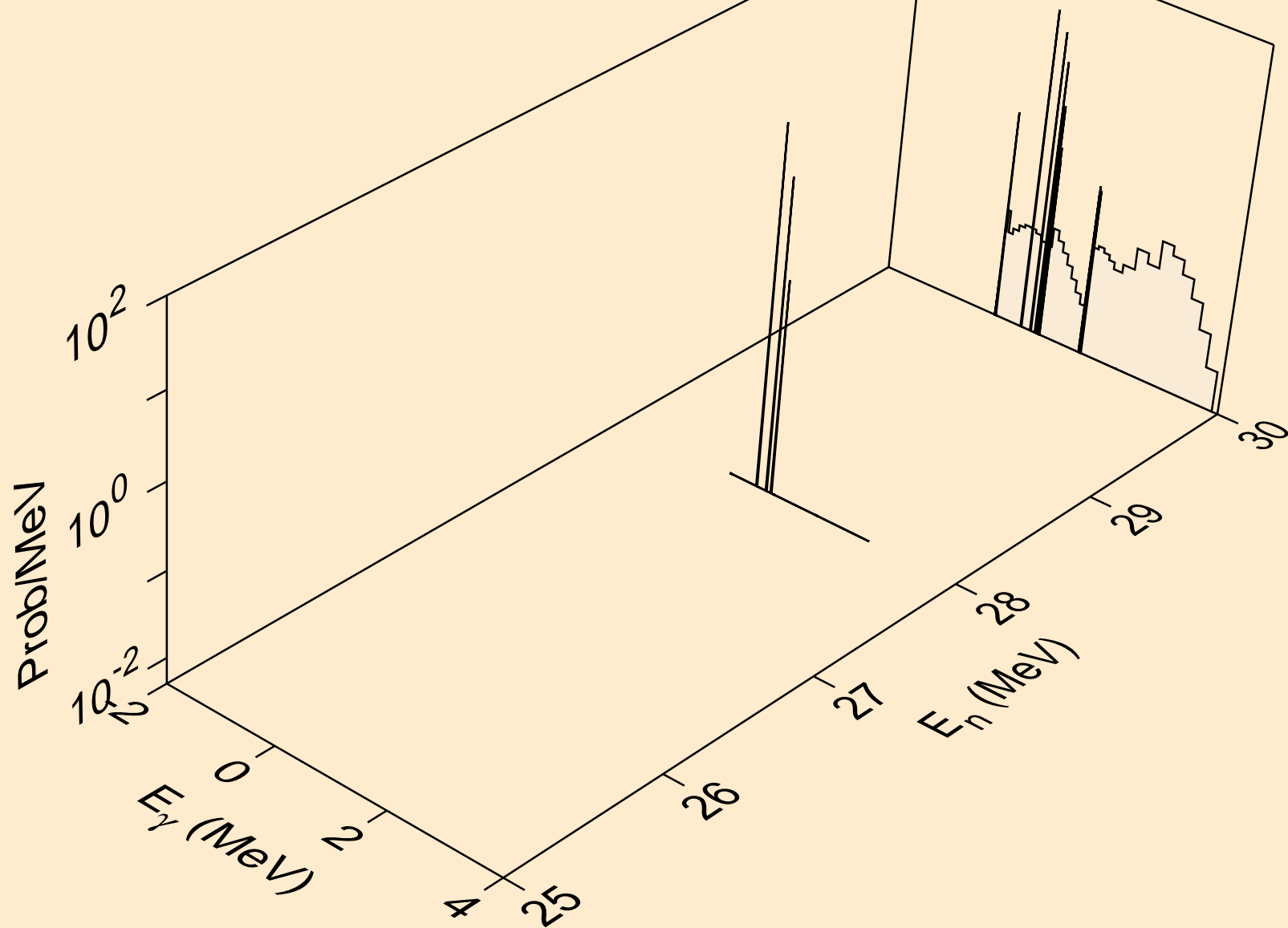




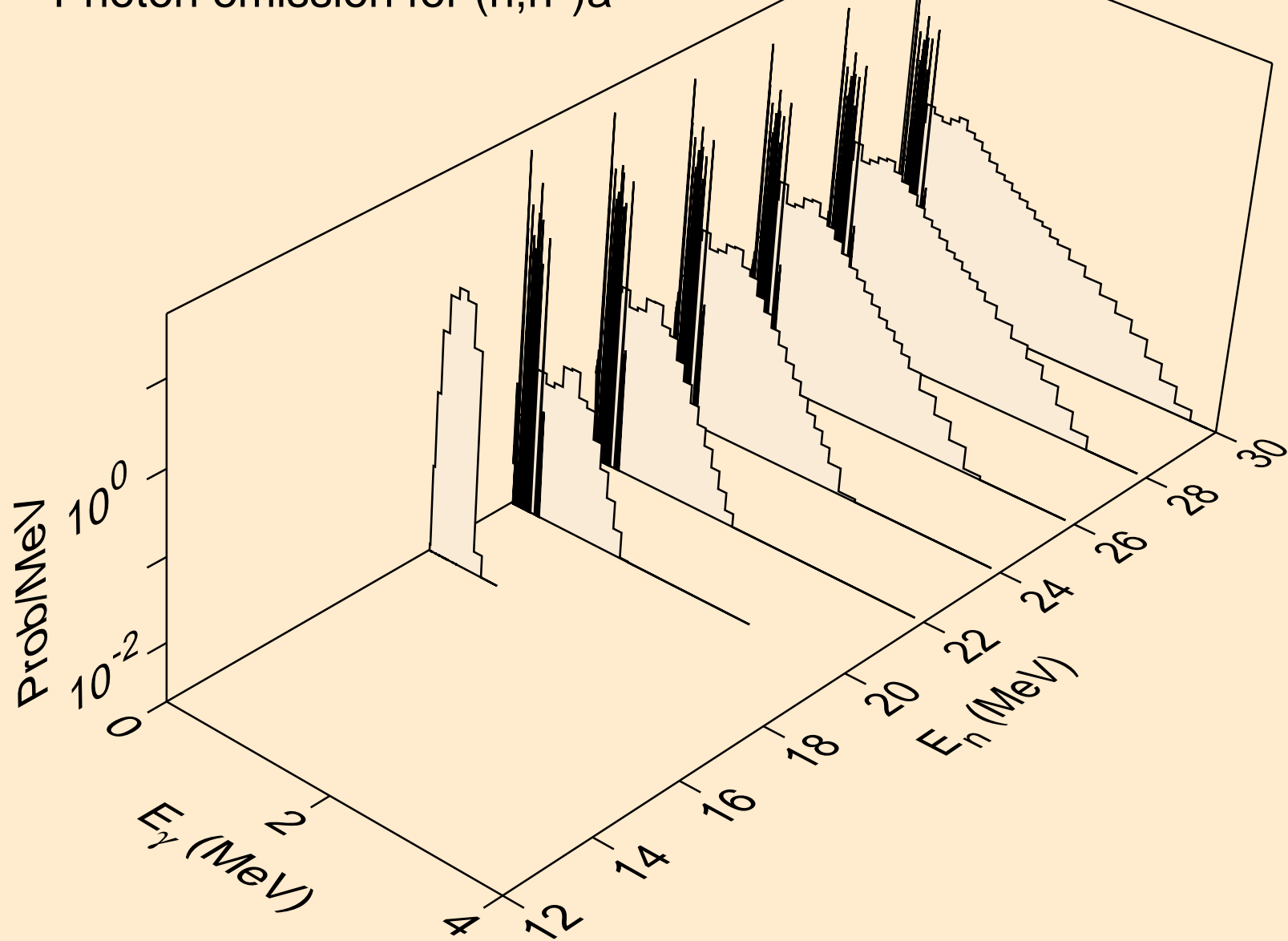
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



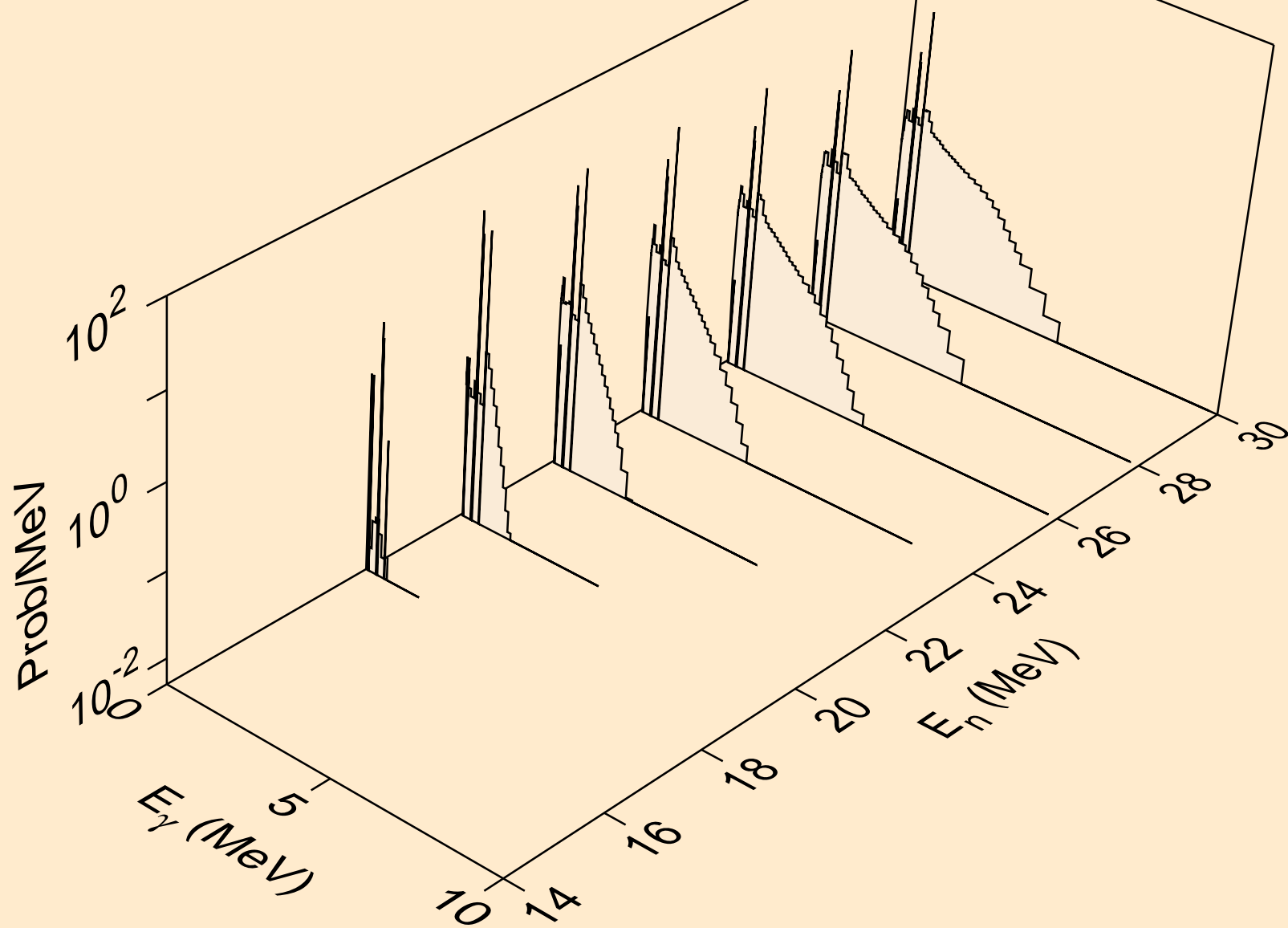
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



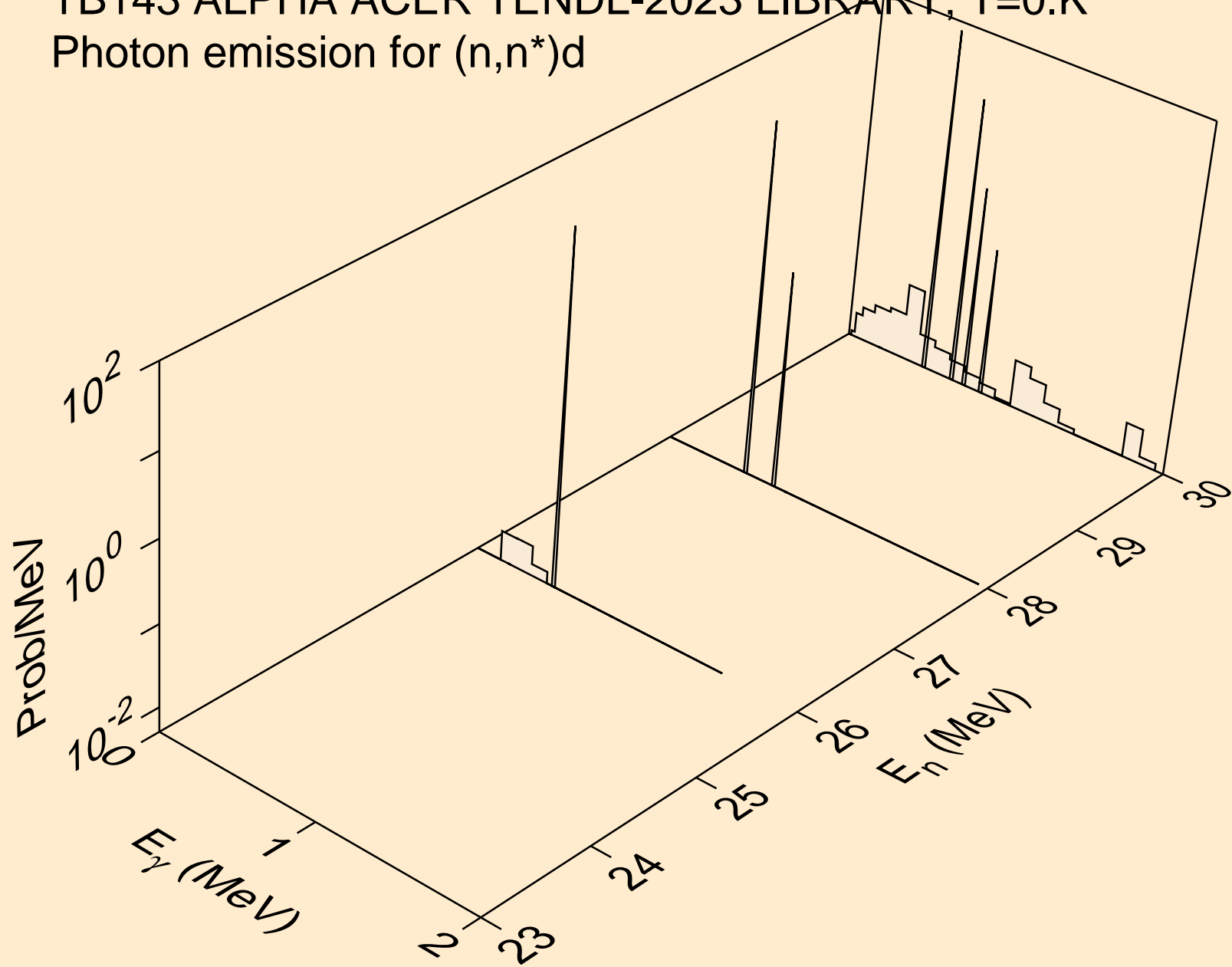
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



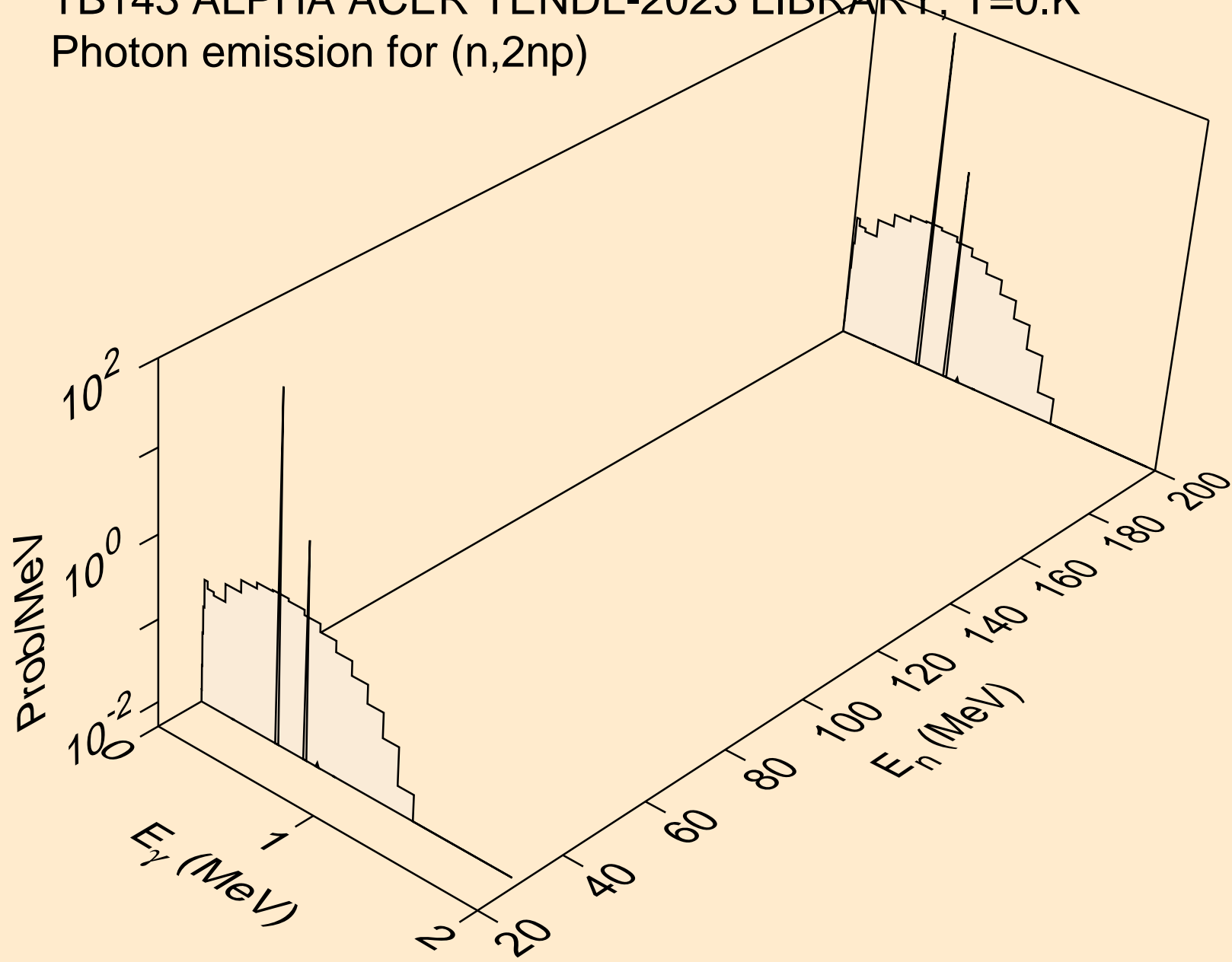
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



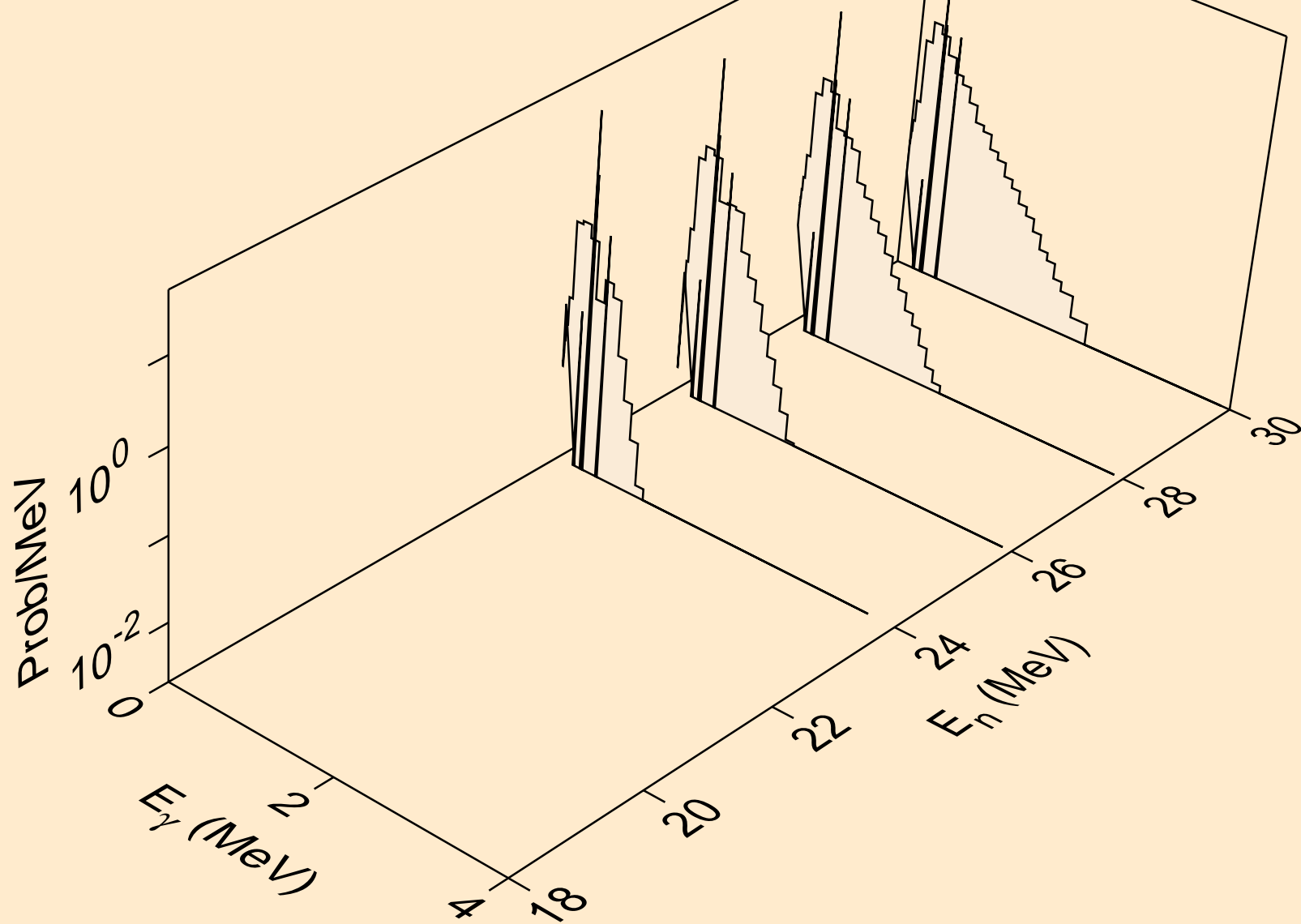
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



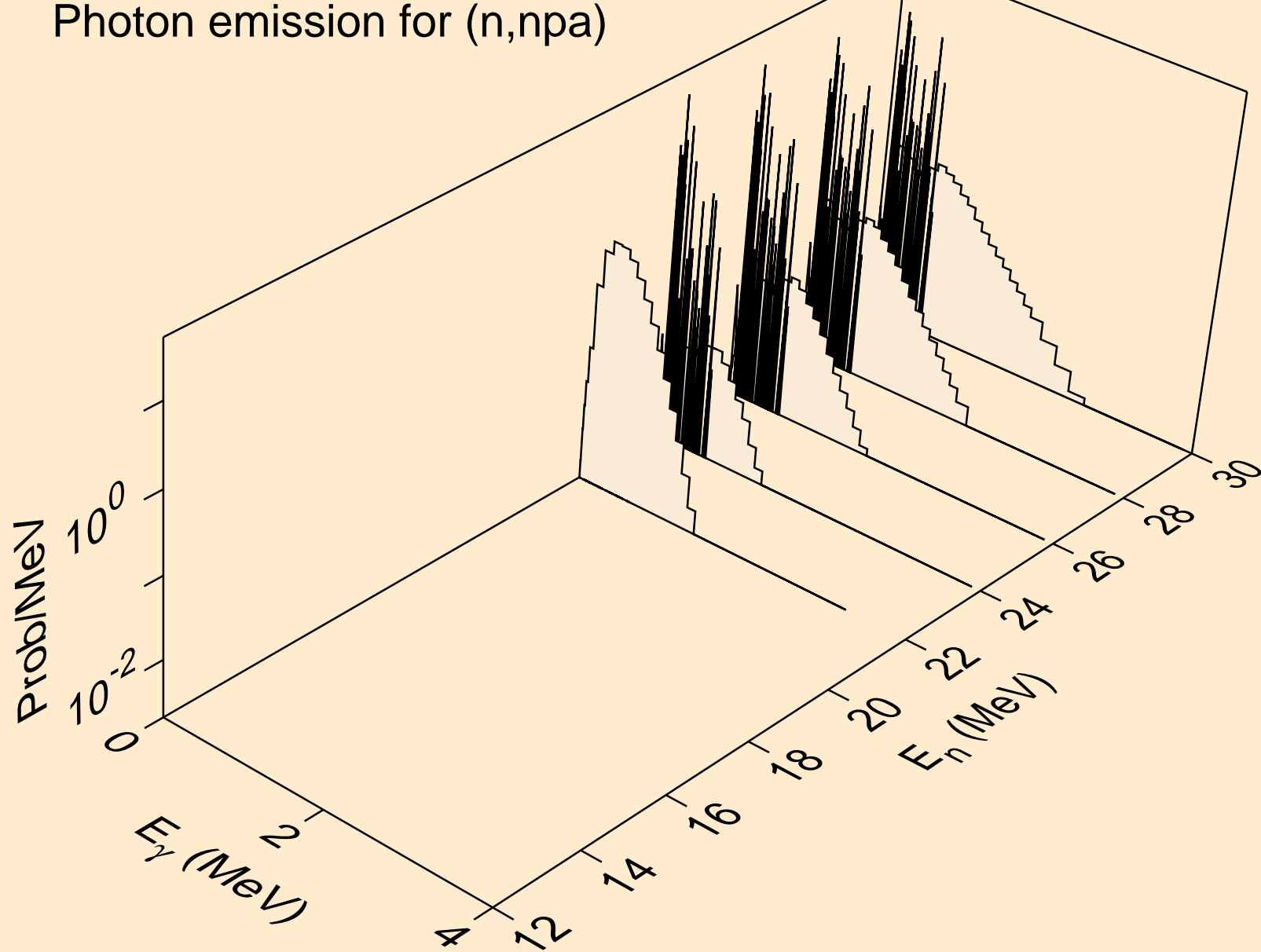
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

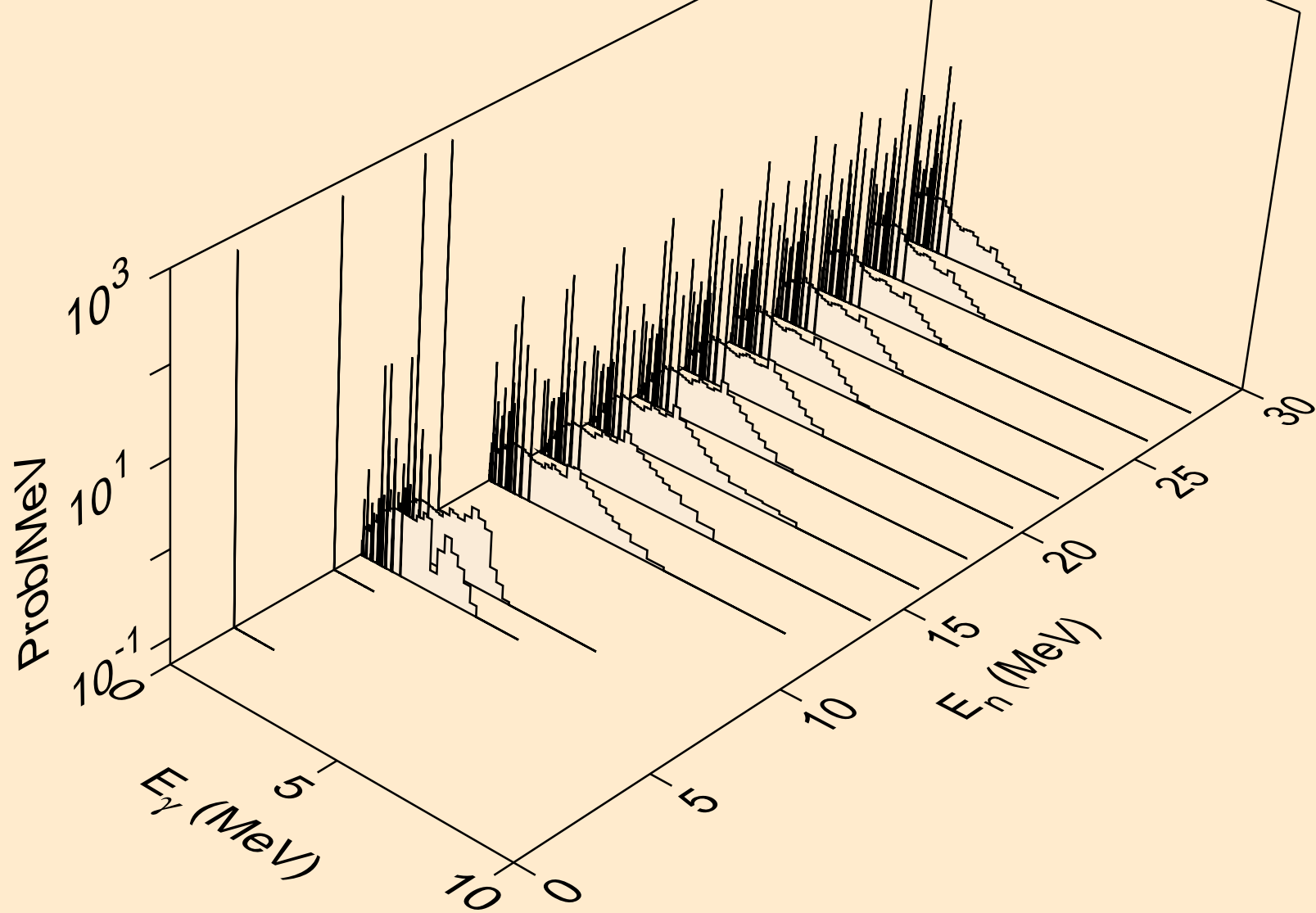


TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

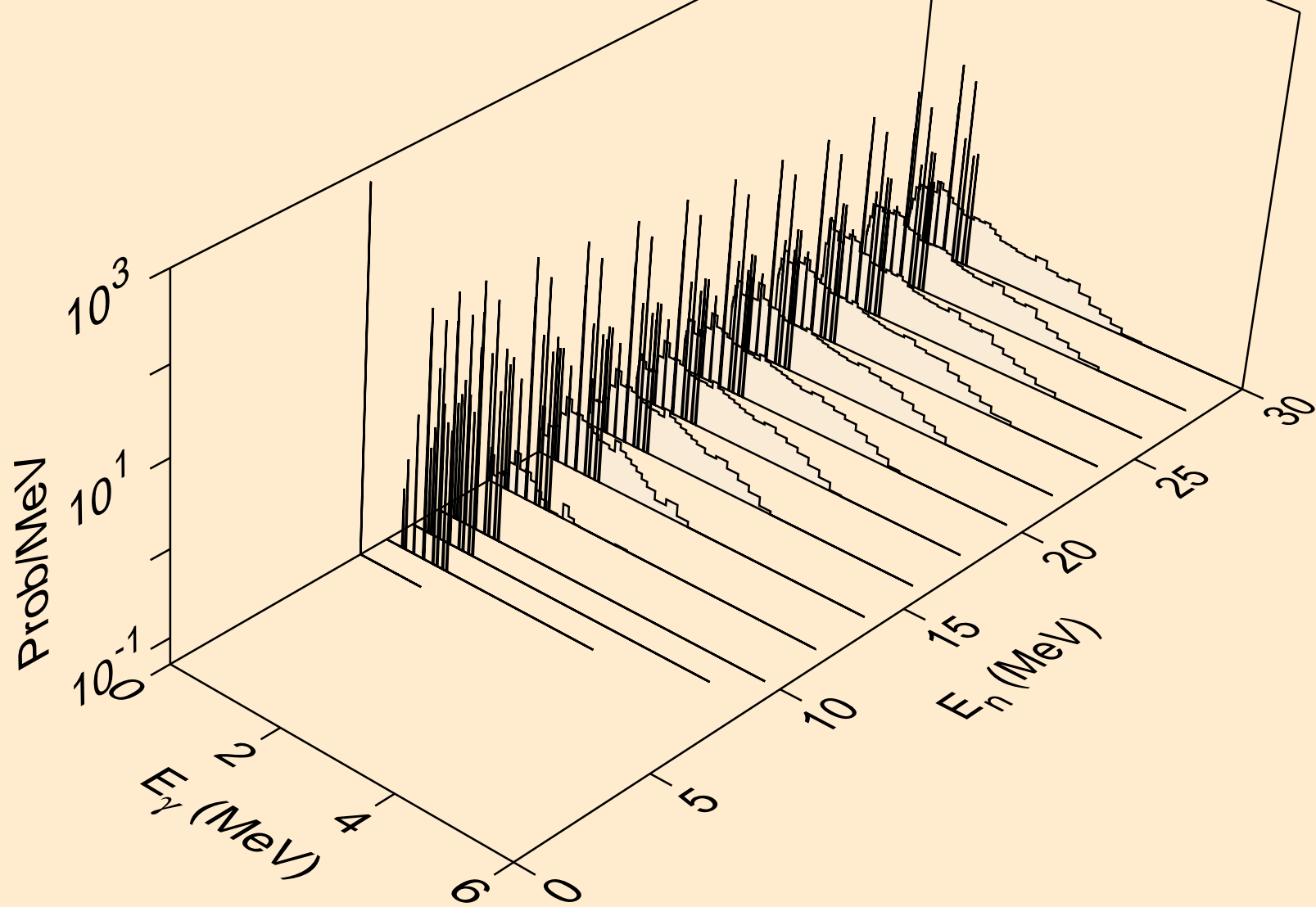




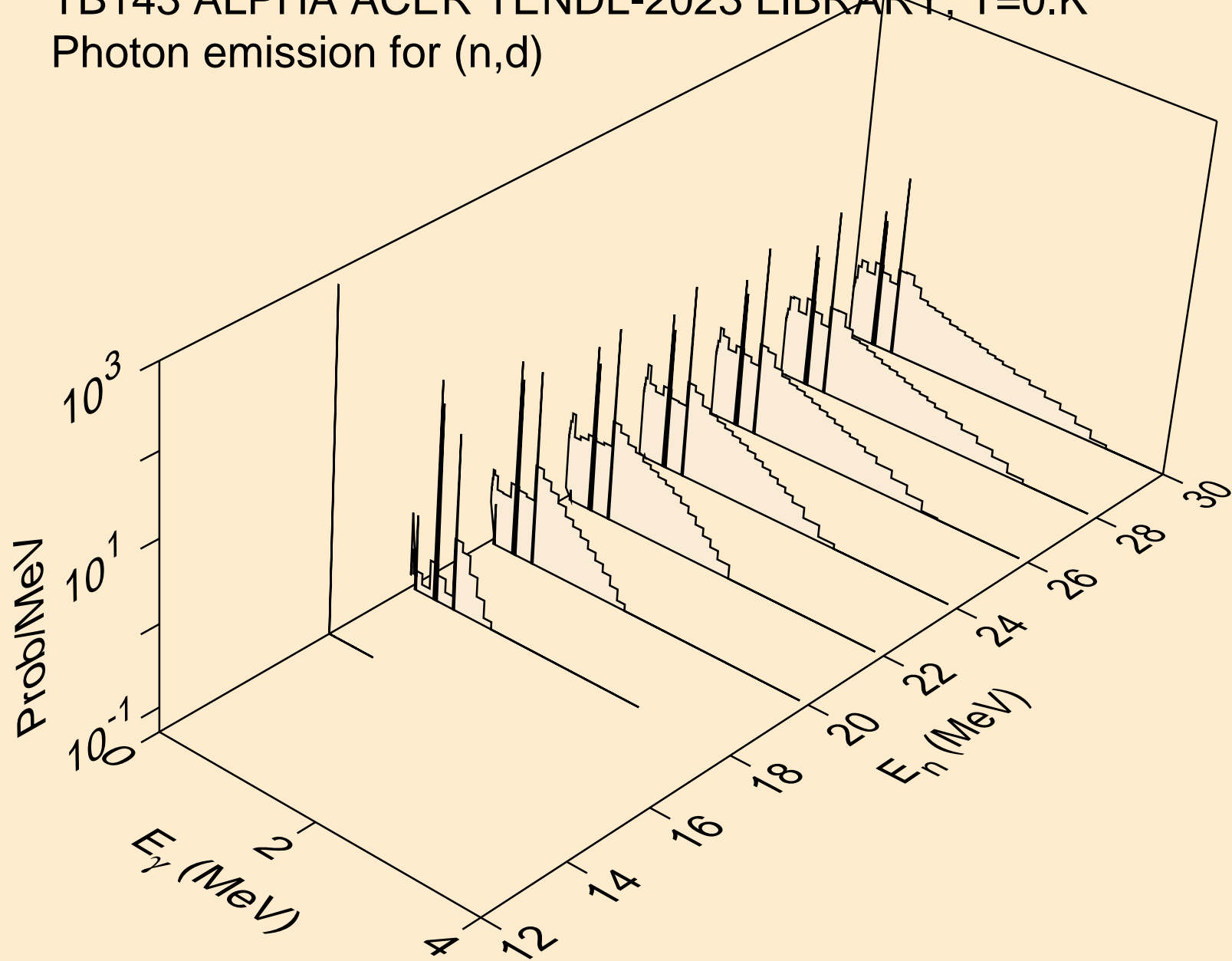
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Photon emission for (n,gma)



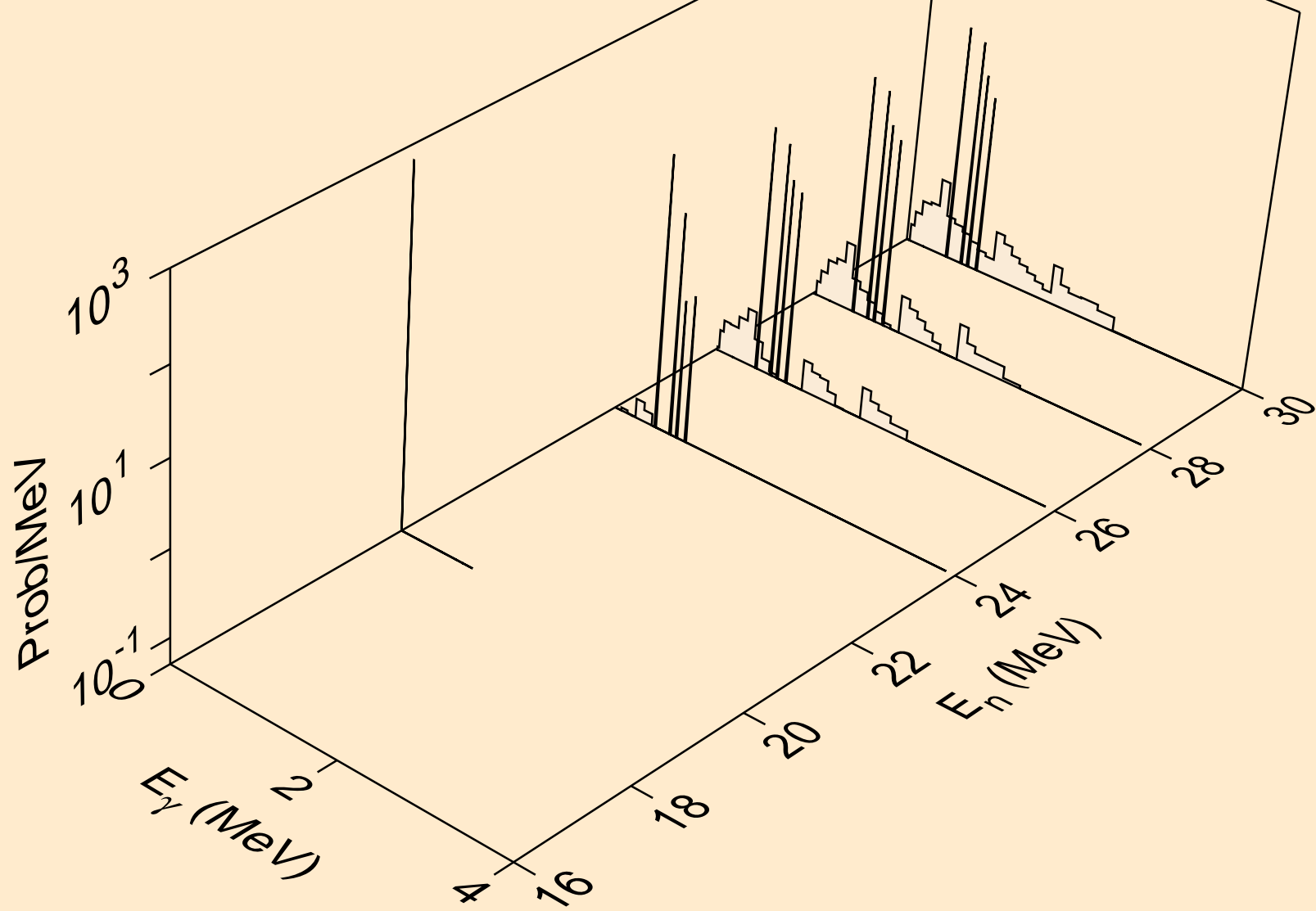
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Photon emission for (n,p)



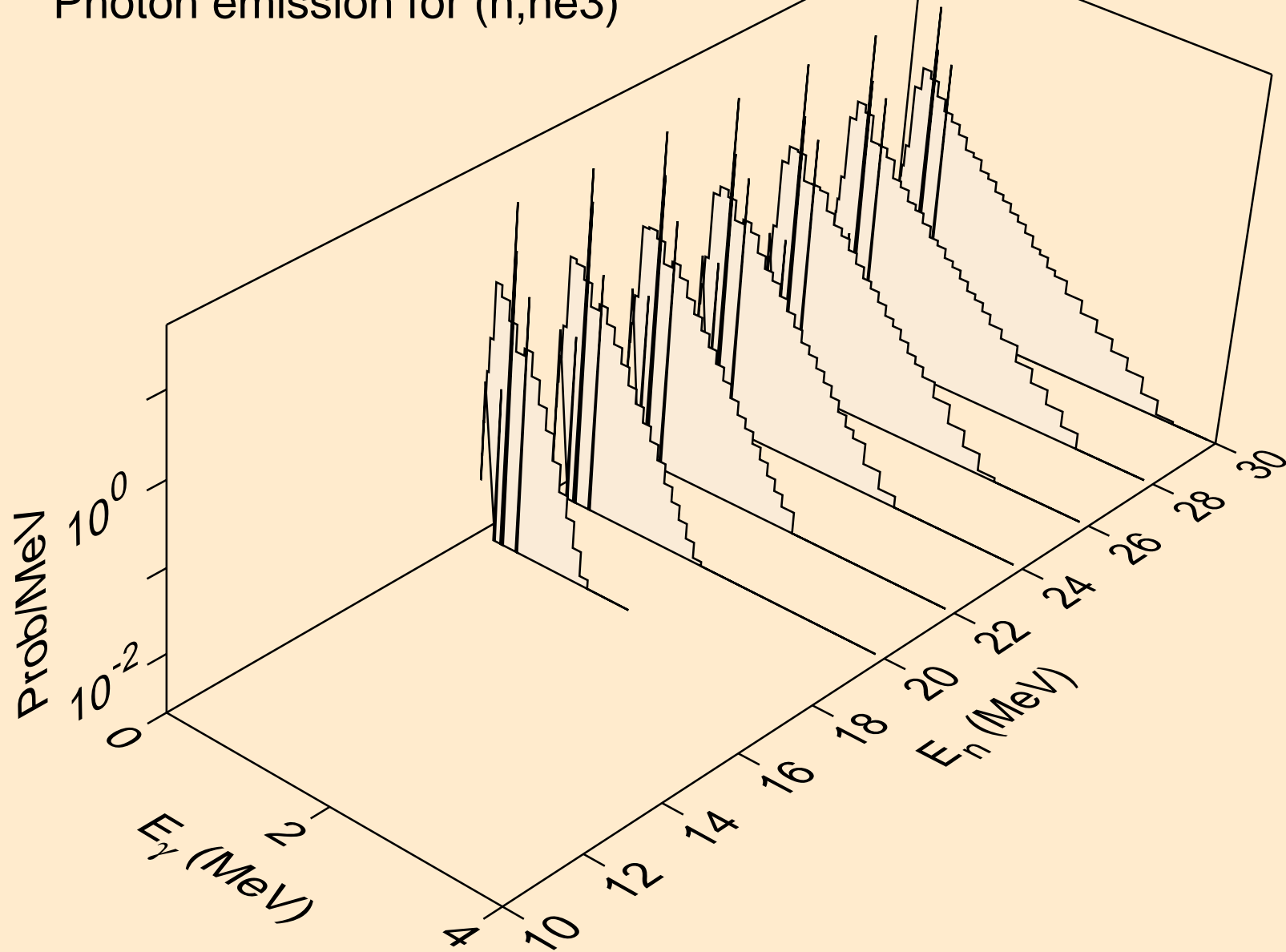
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



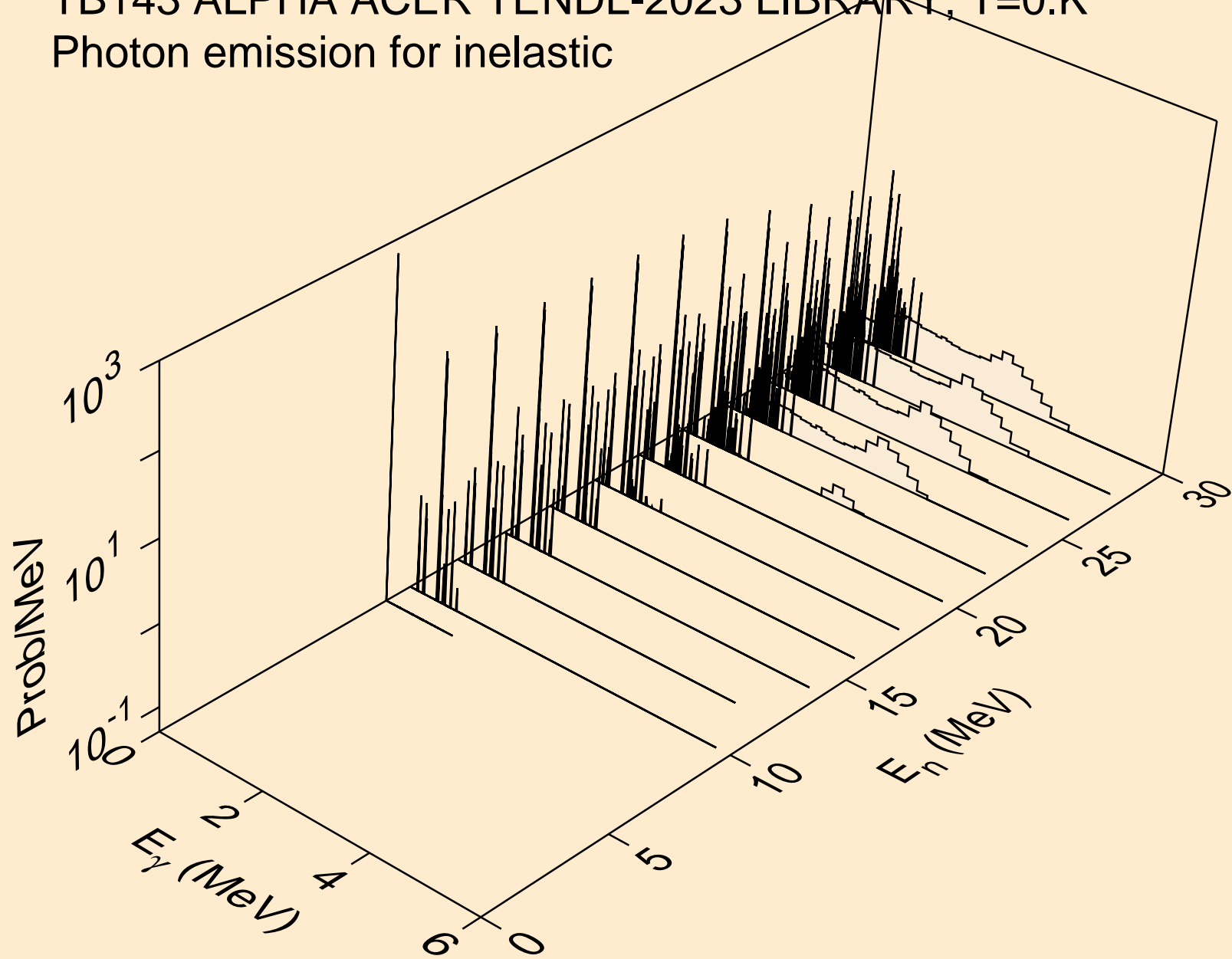
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Photon emission for (n,t)



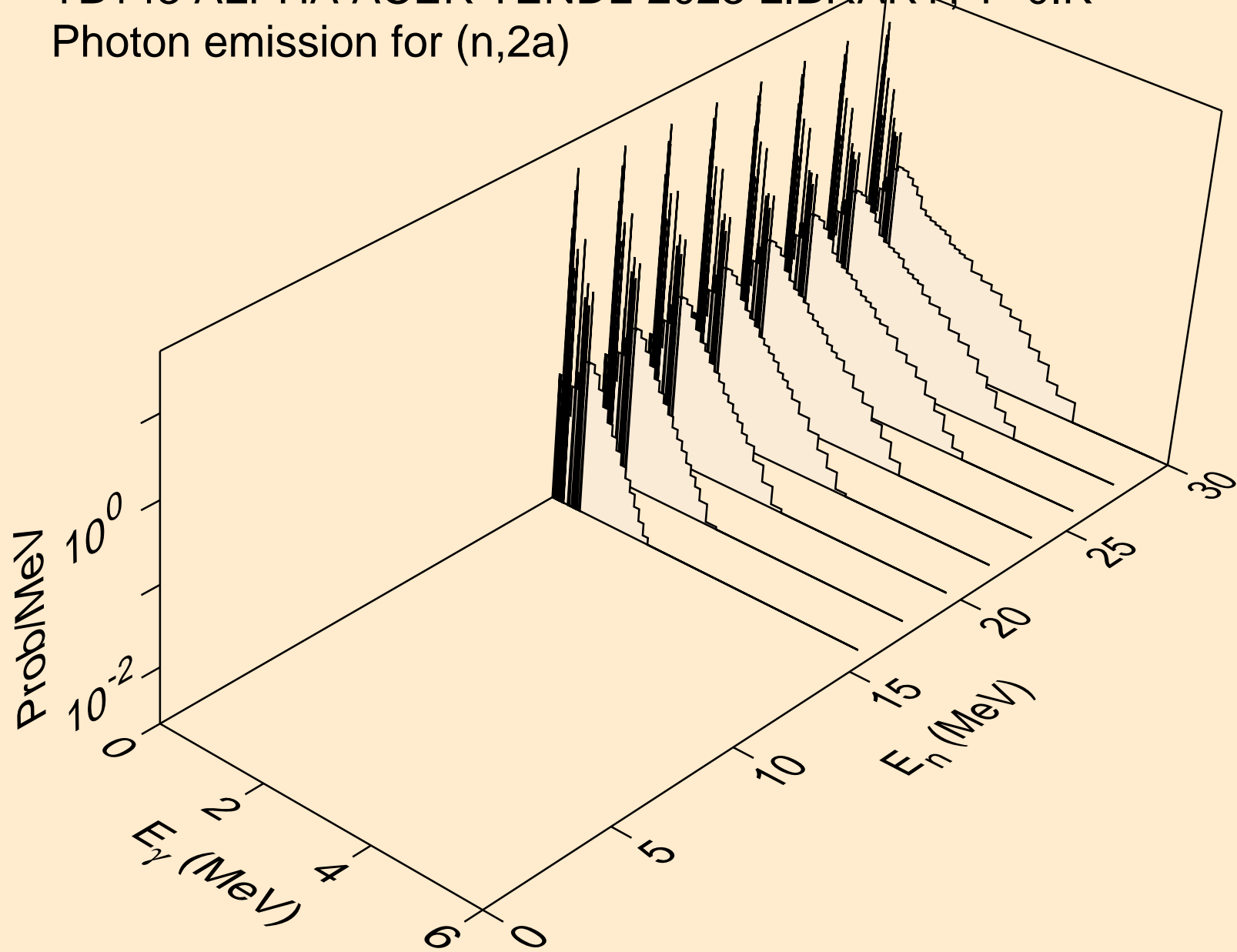
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Photon emission for (n,he3)



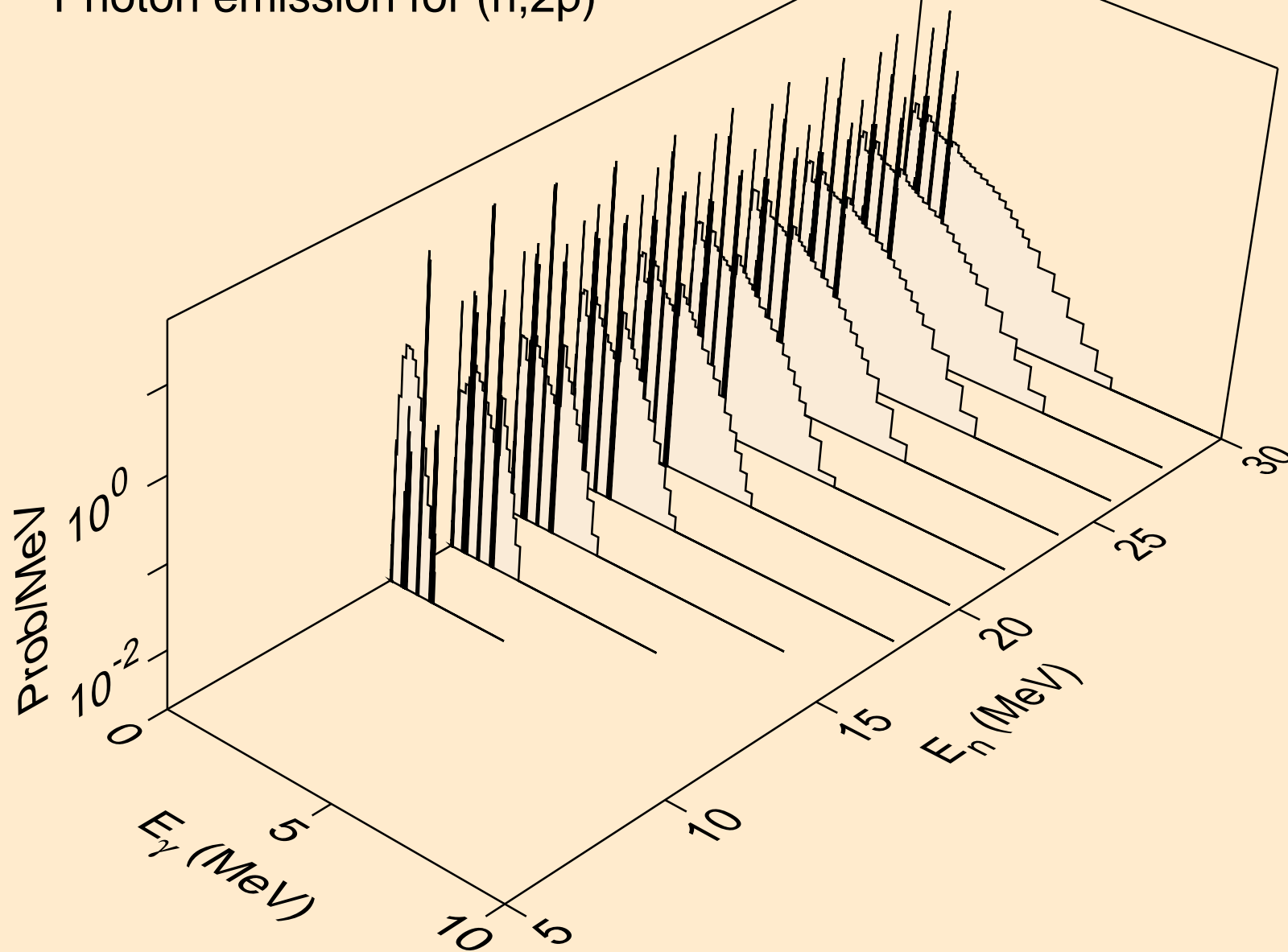
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

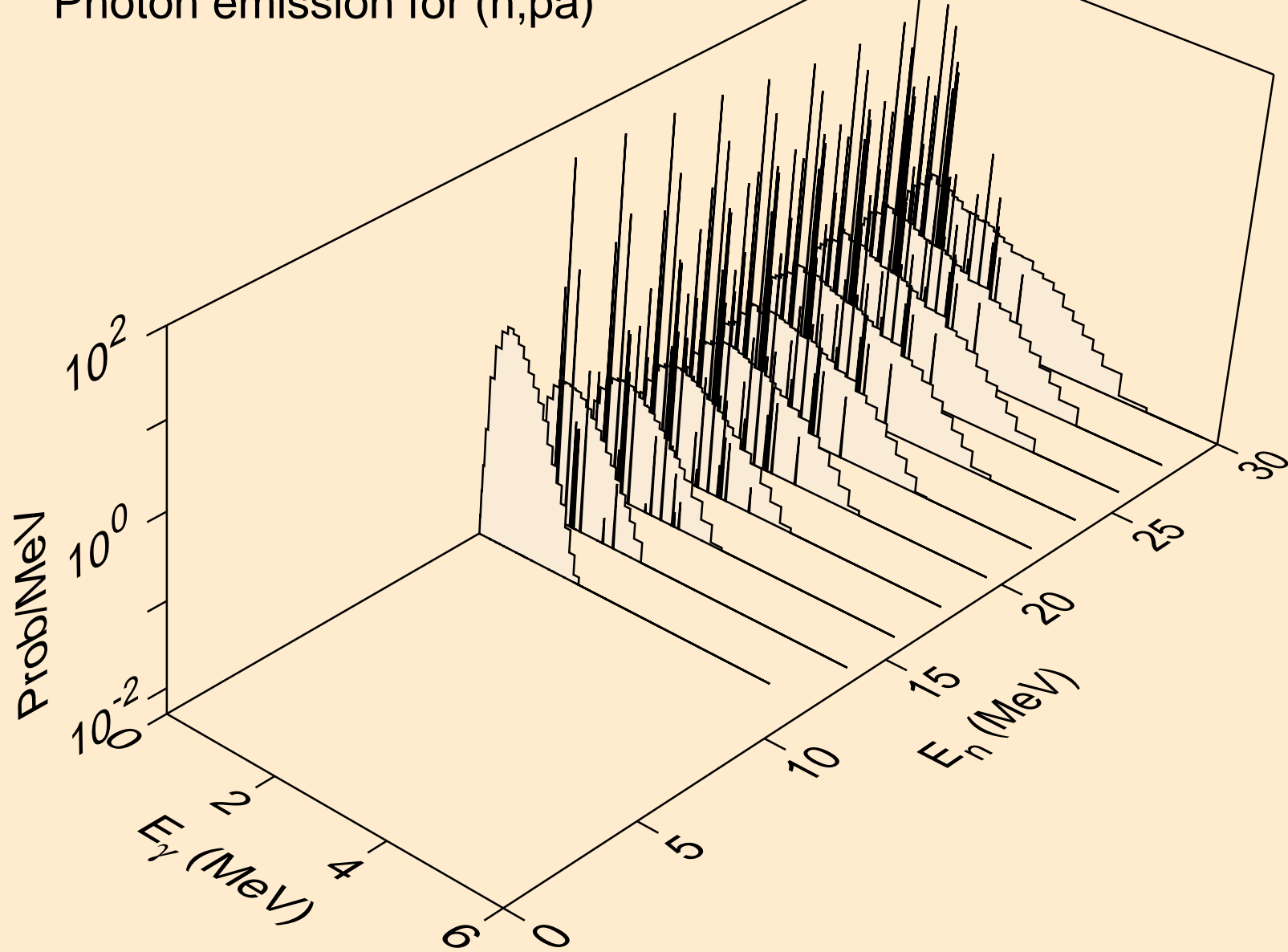


TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

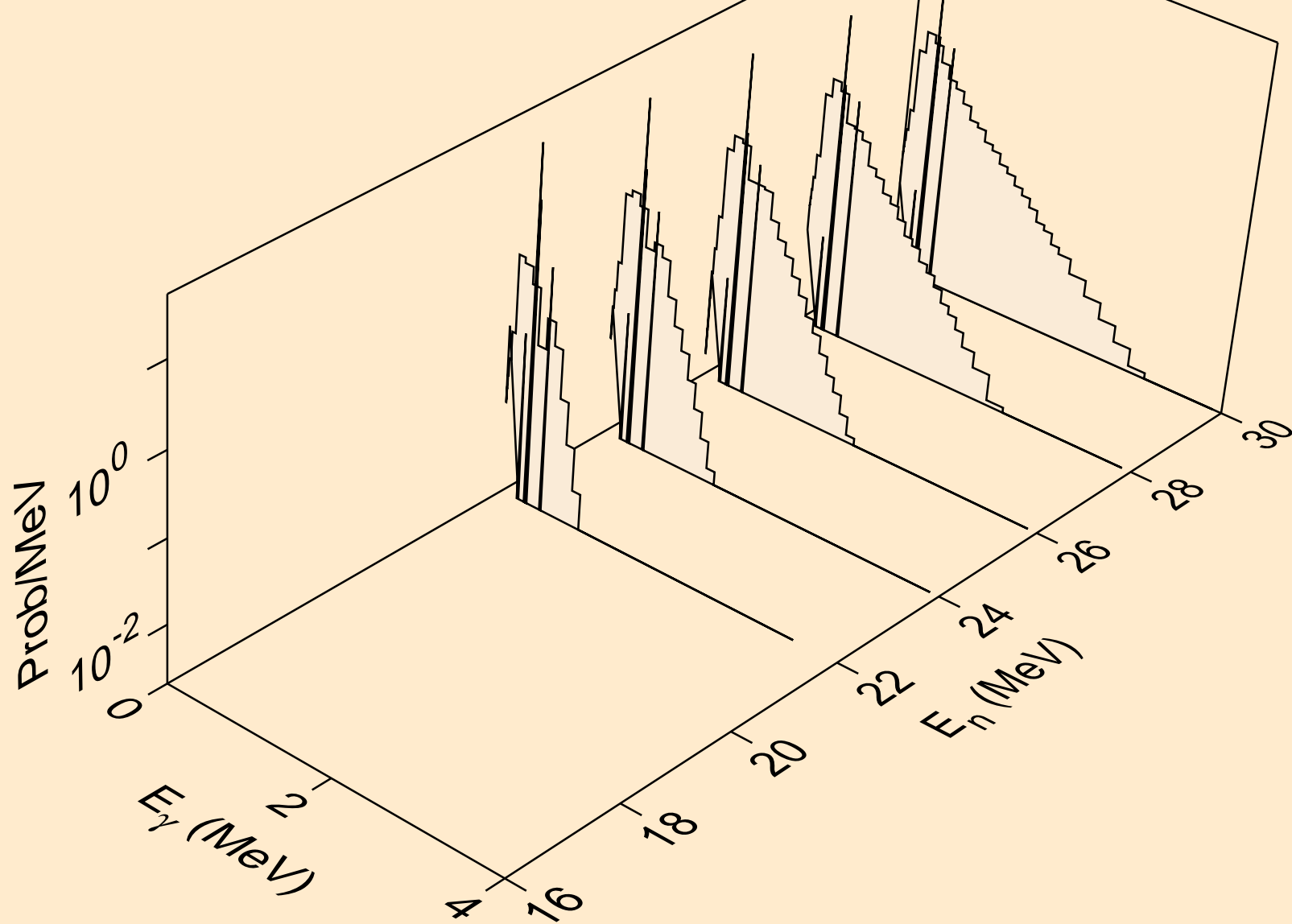




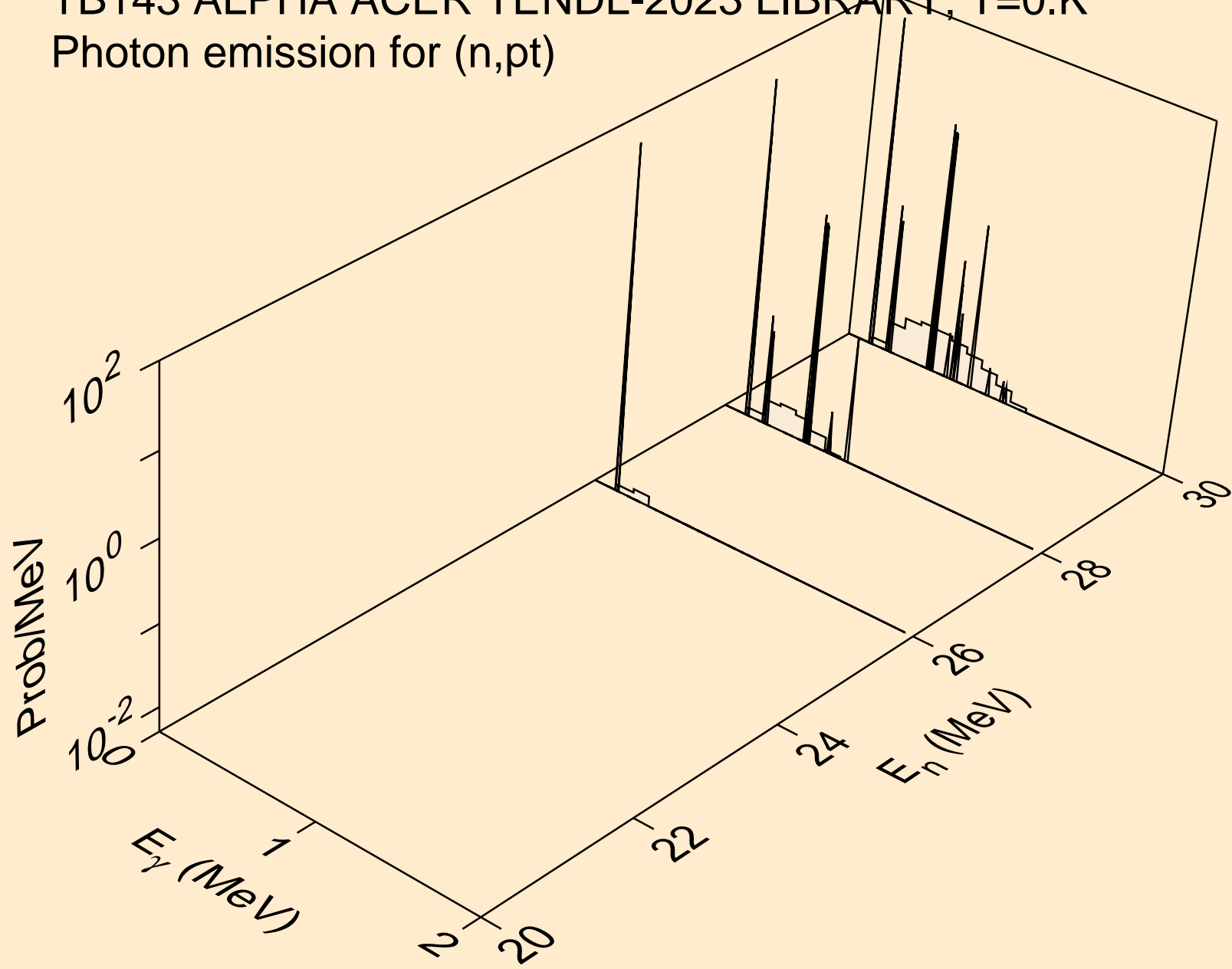
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Photon emission for (n,pa)



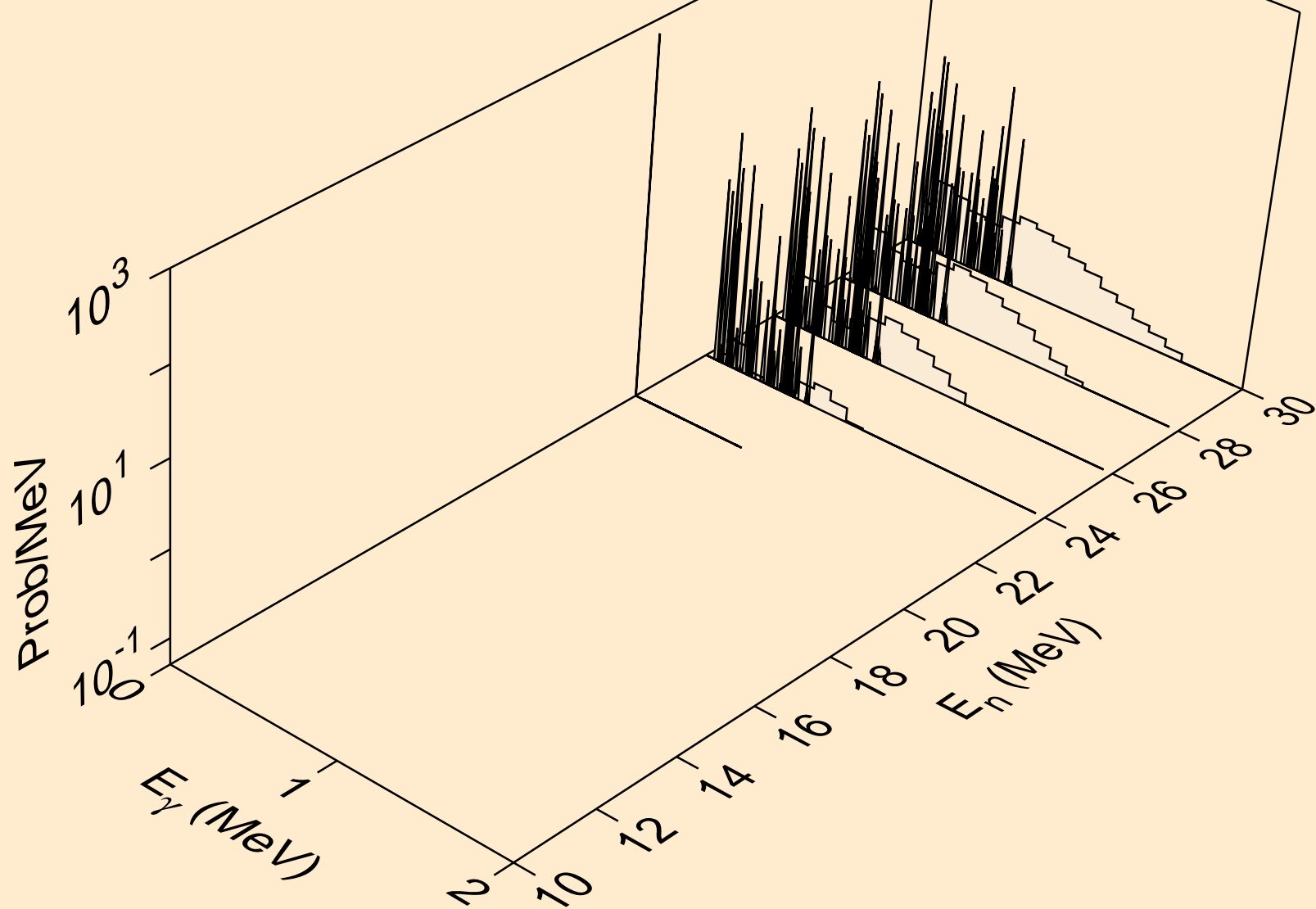
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



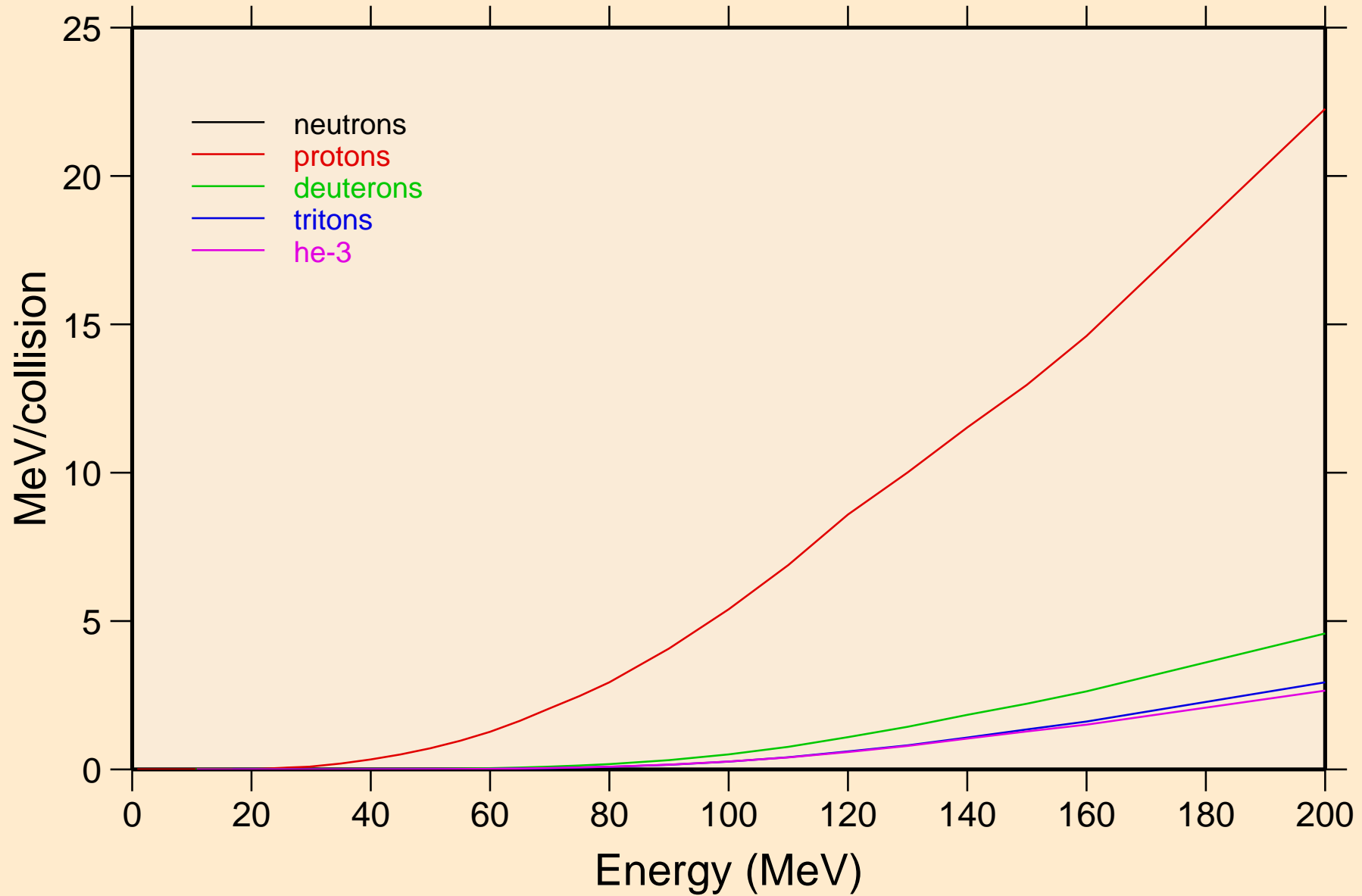
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Photon emission for (n,pt)



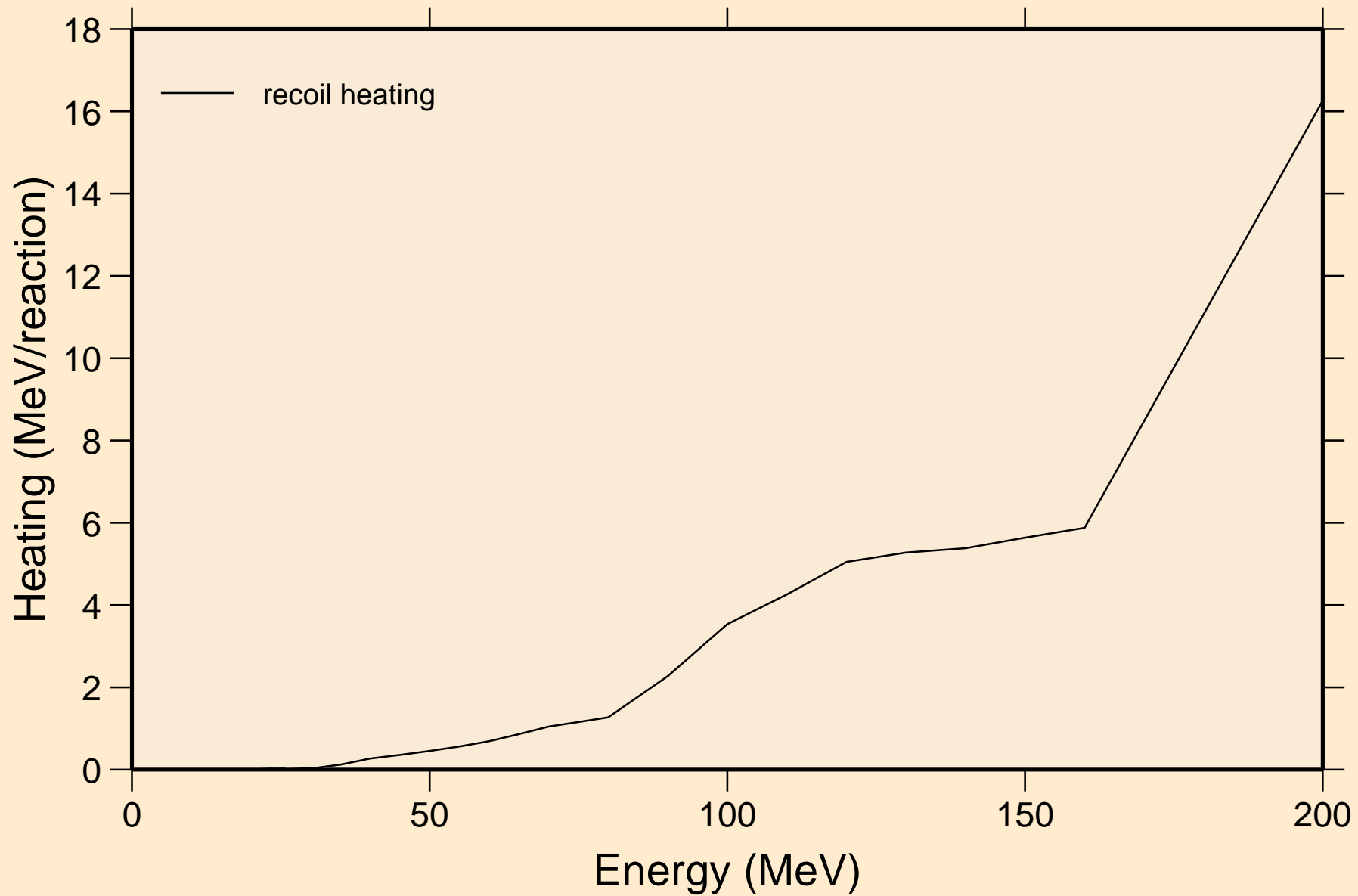
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Photon emission for (n,da)



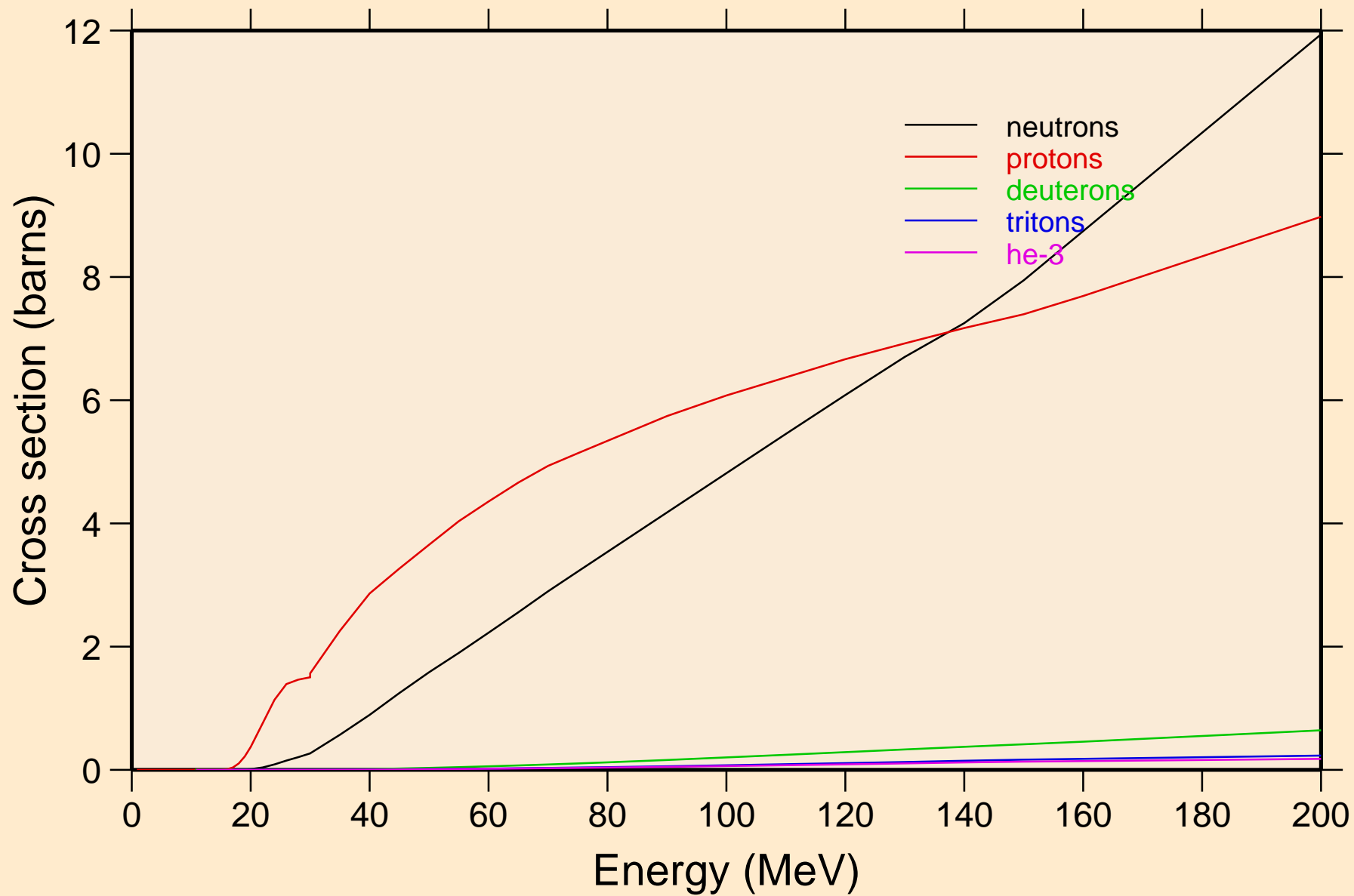
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



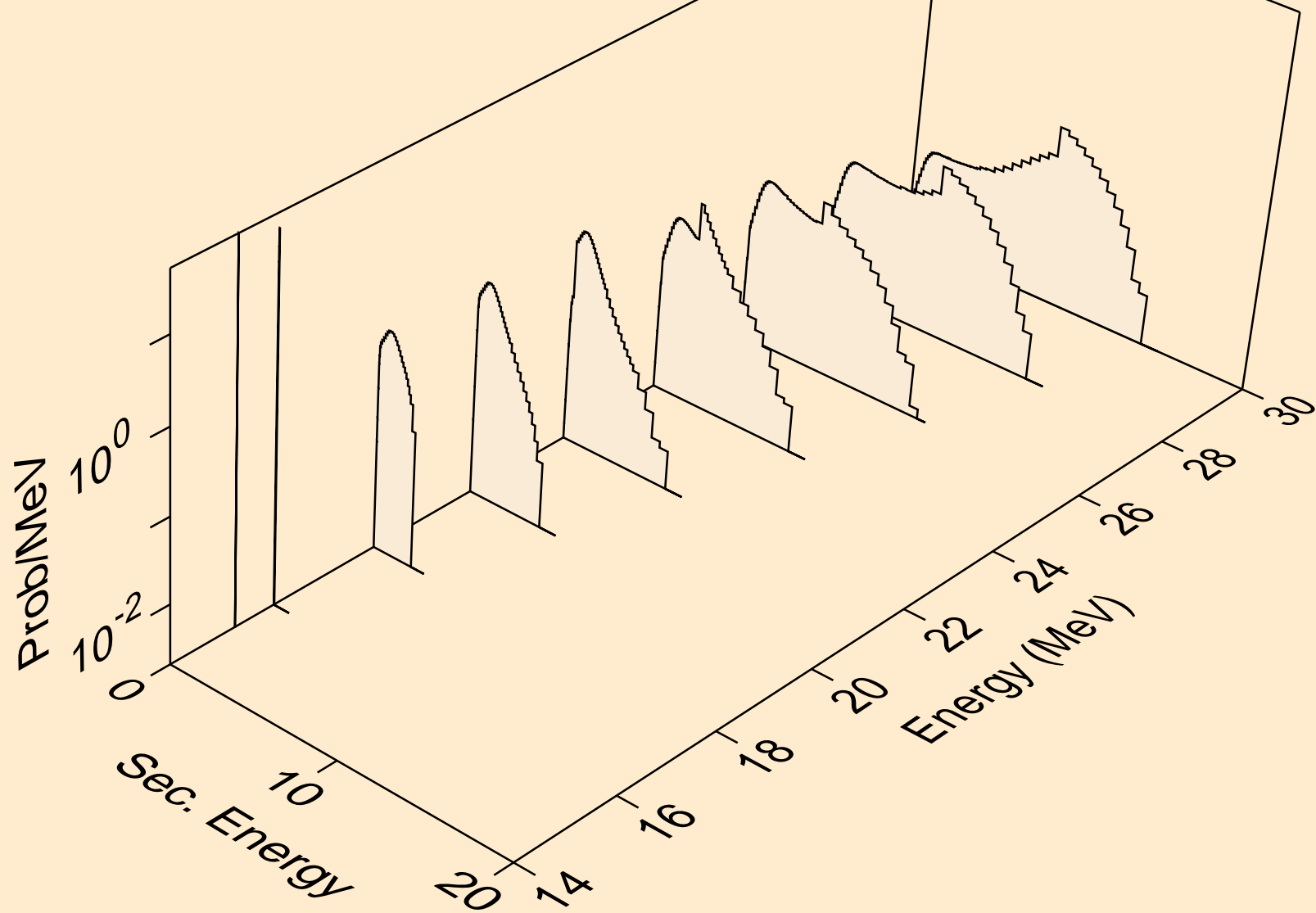
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

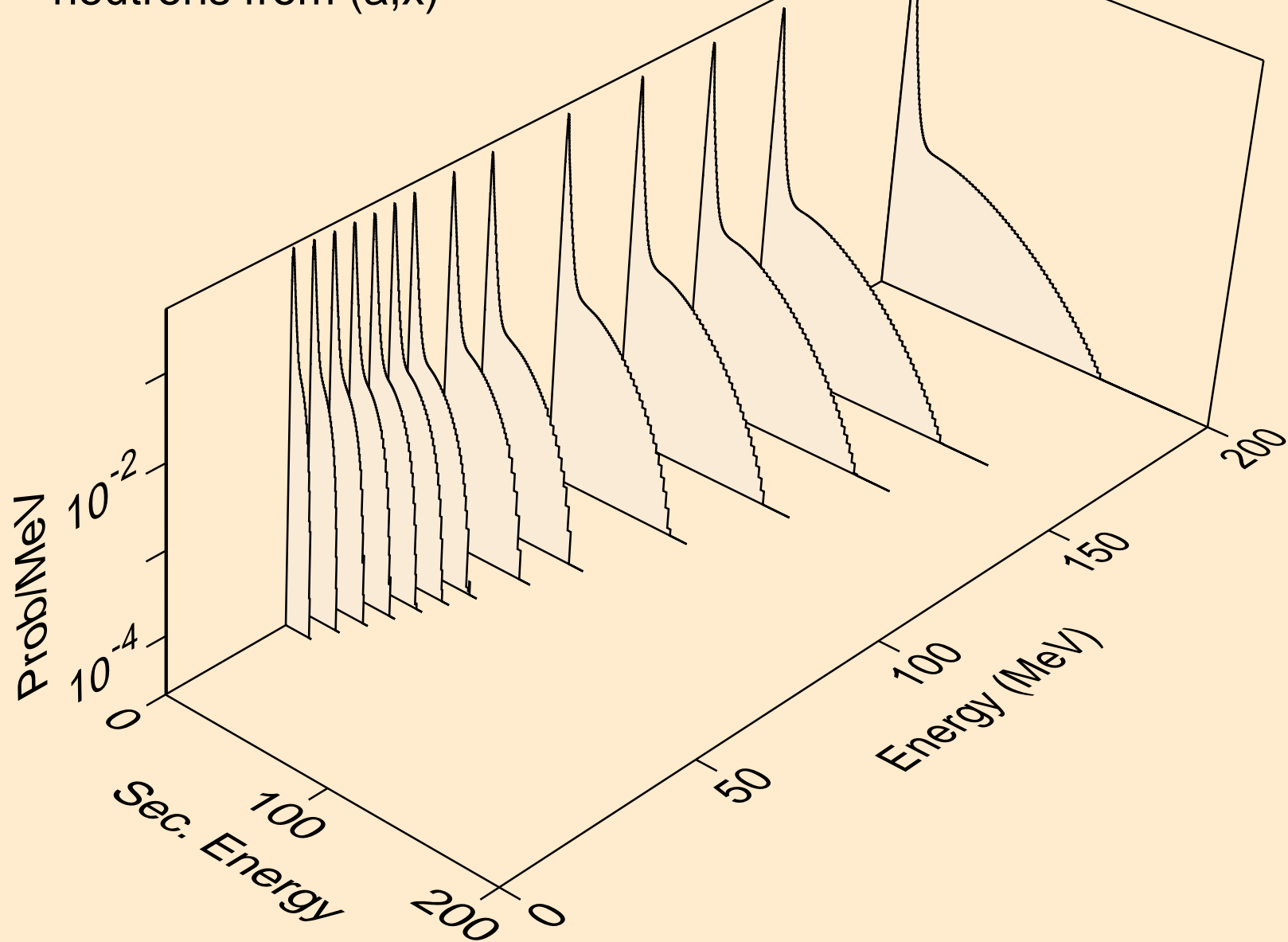


TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

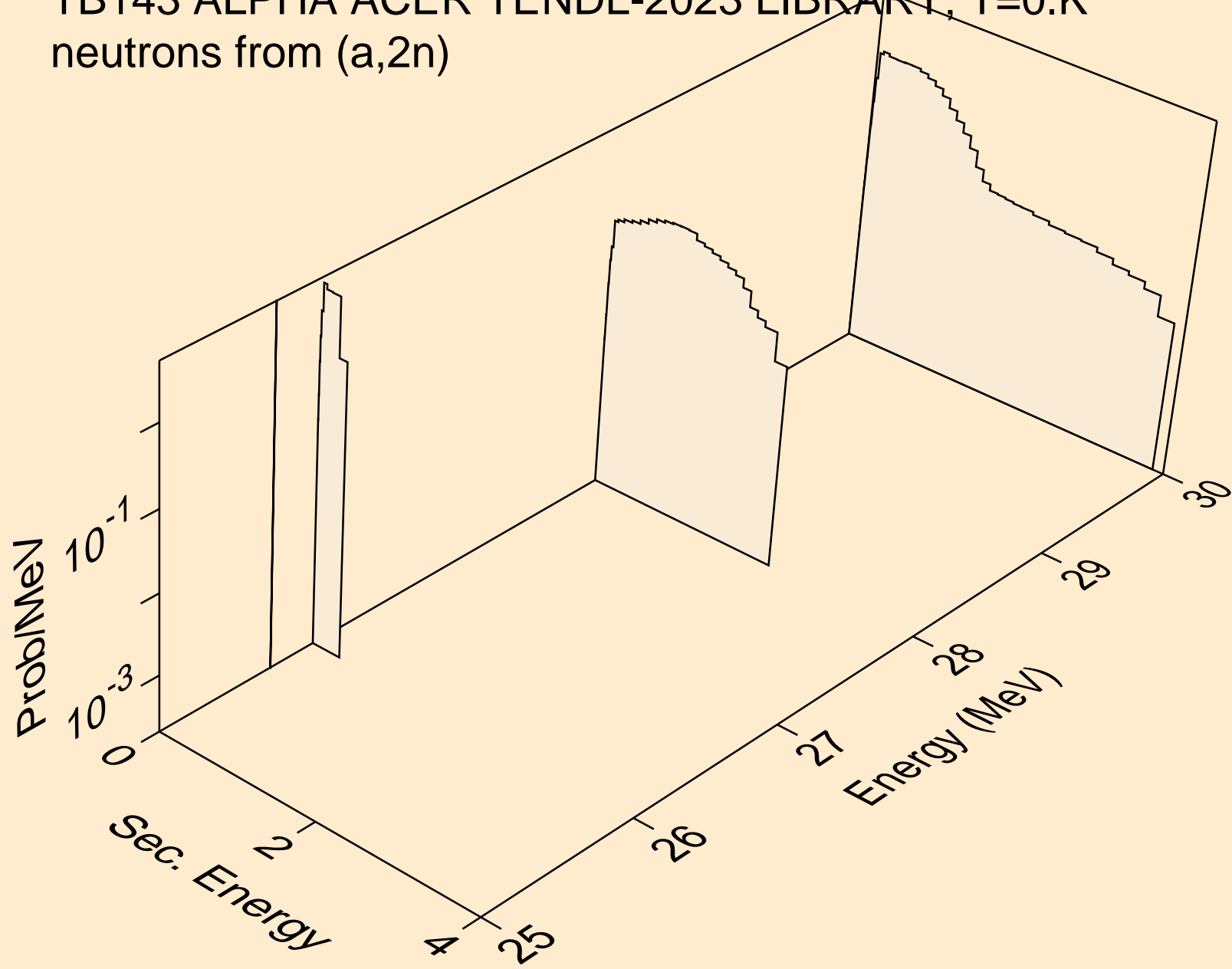




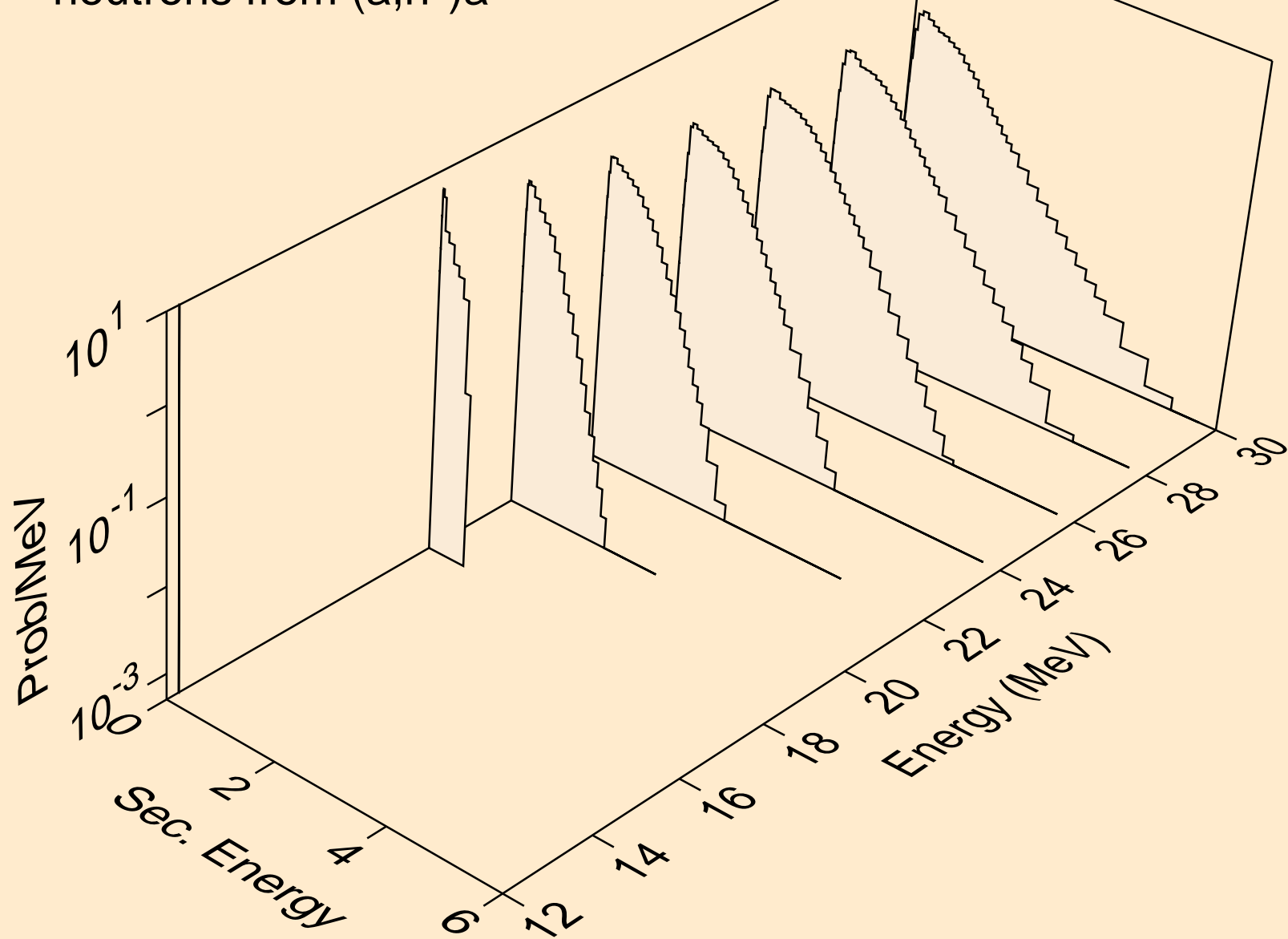
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neutrons from (a,x)



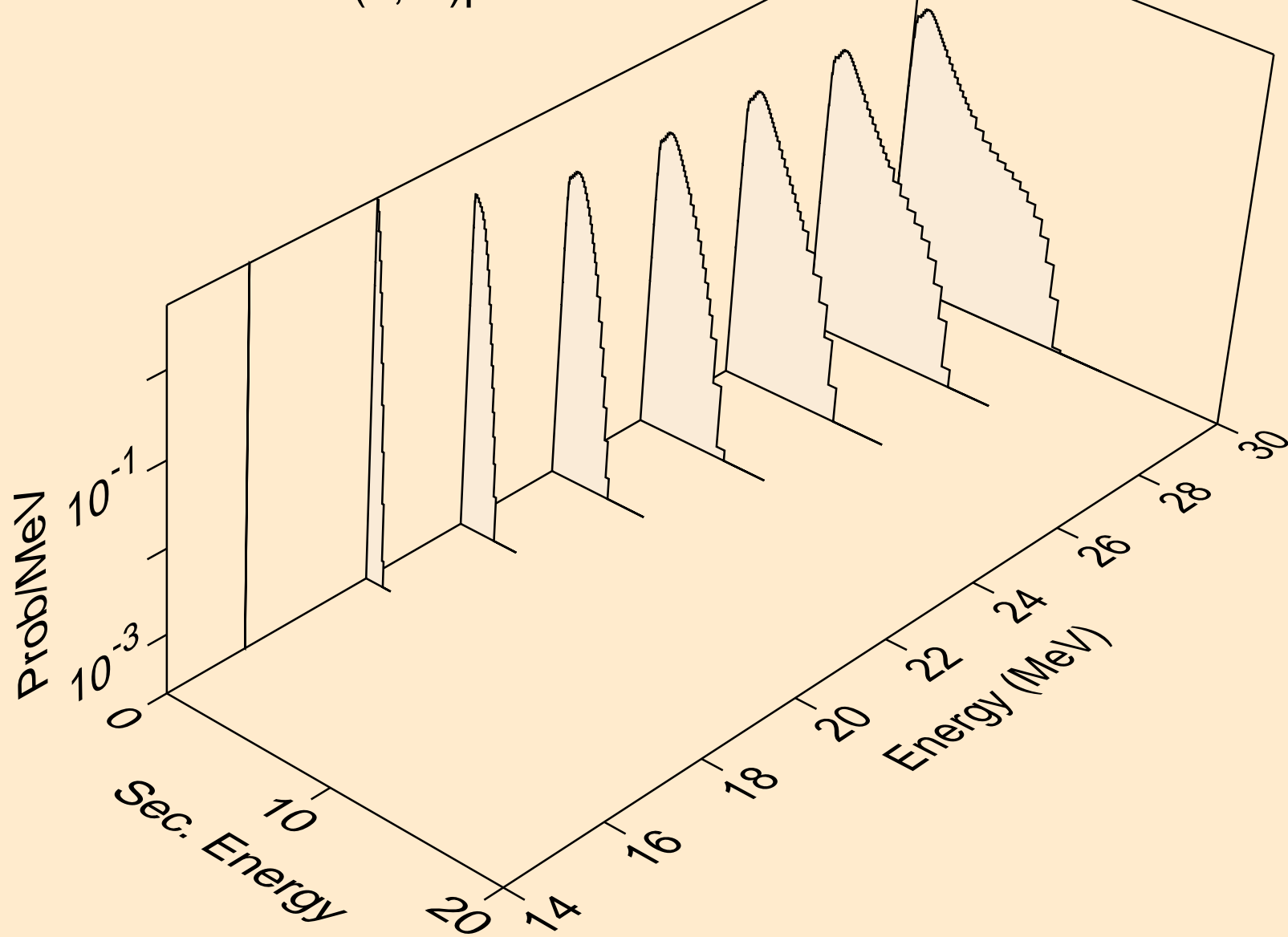
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neutrons from (a,2n)



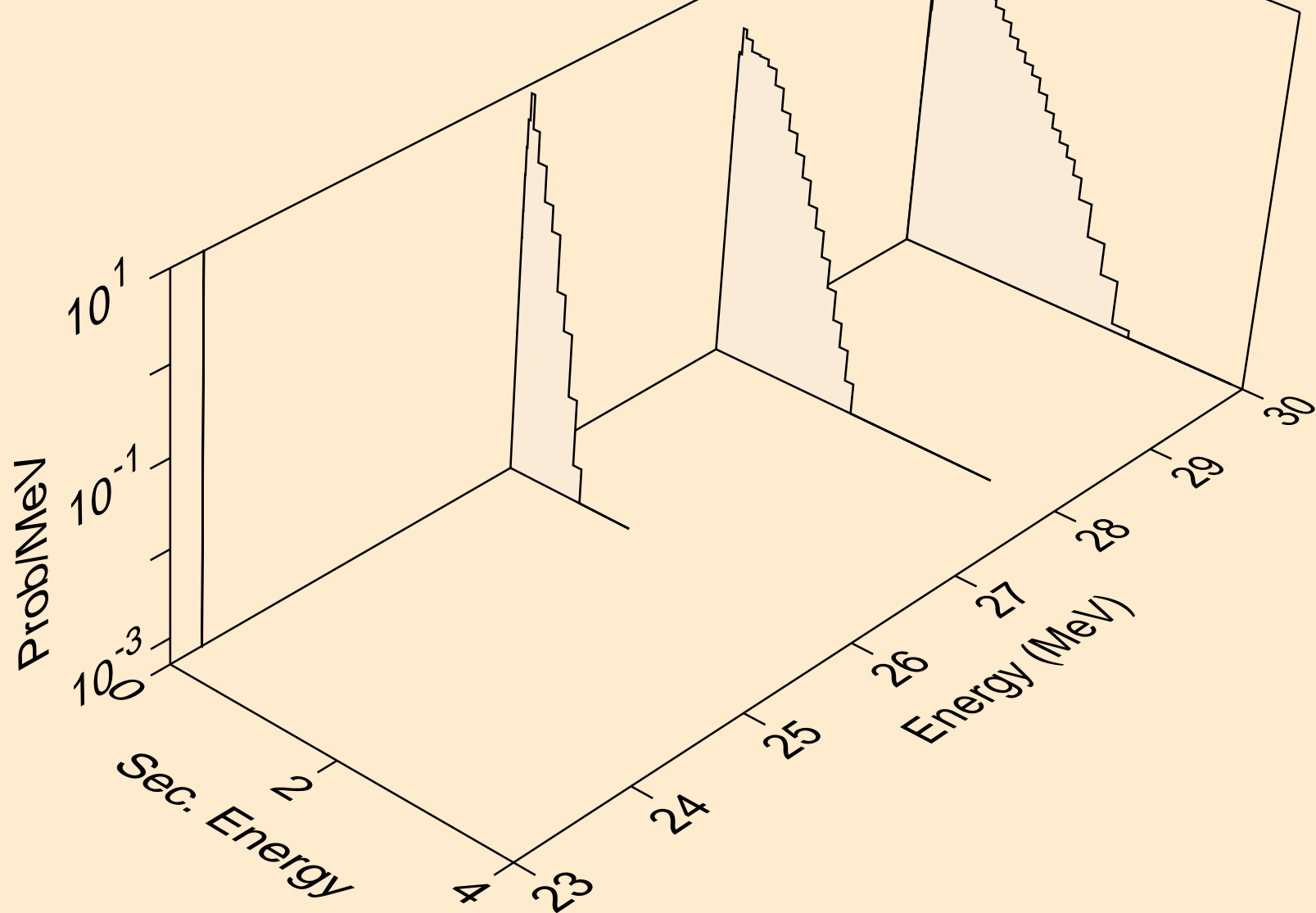
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neutrons from (a,n\*)a



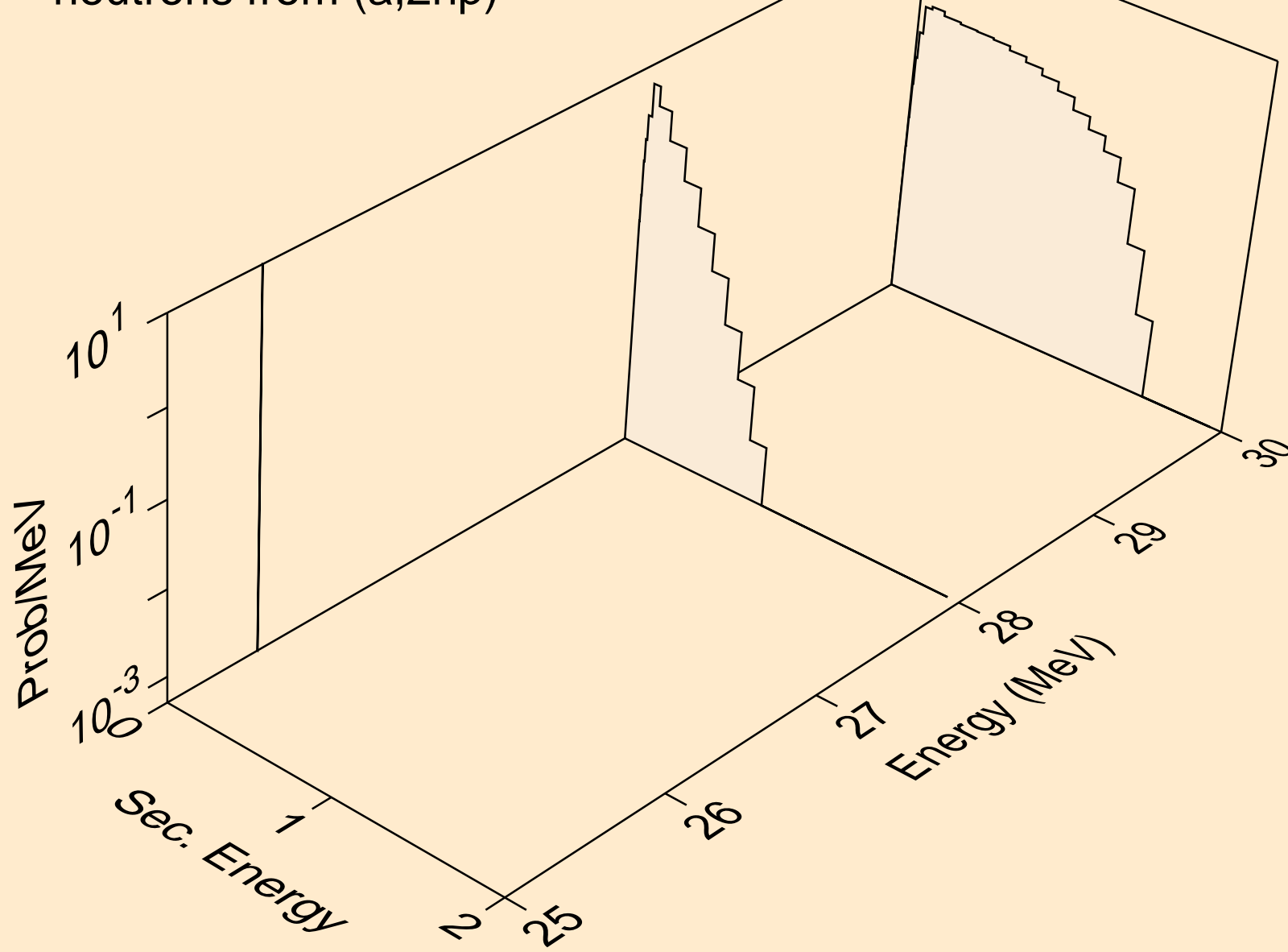
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neutrons from (a,n\*)p



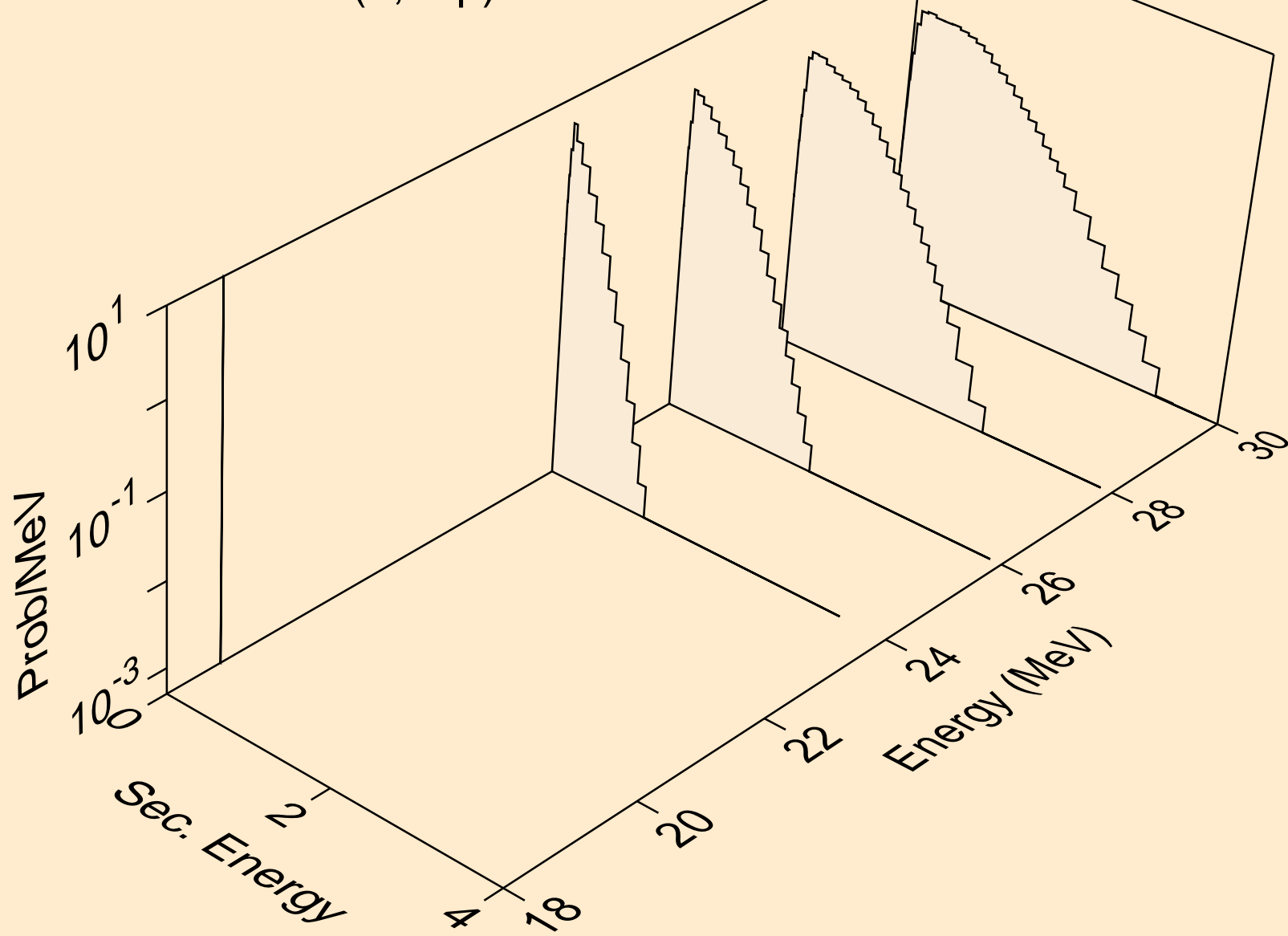
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neutrons from (a,n\*)d



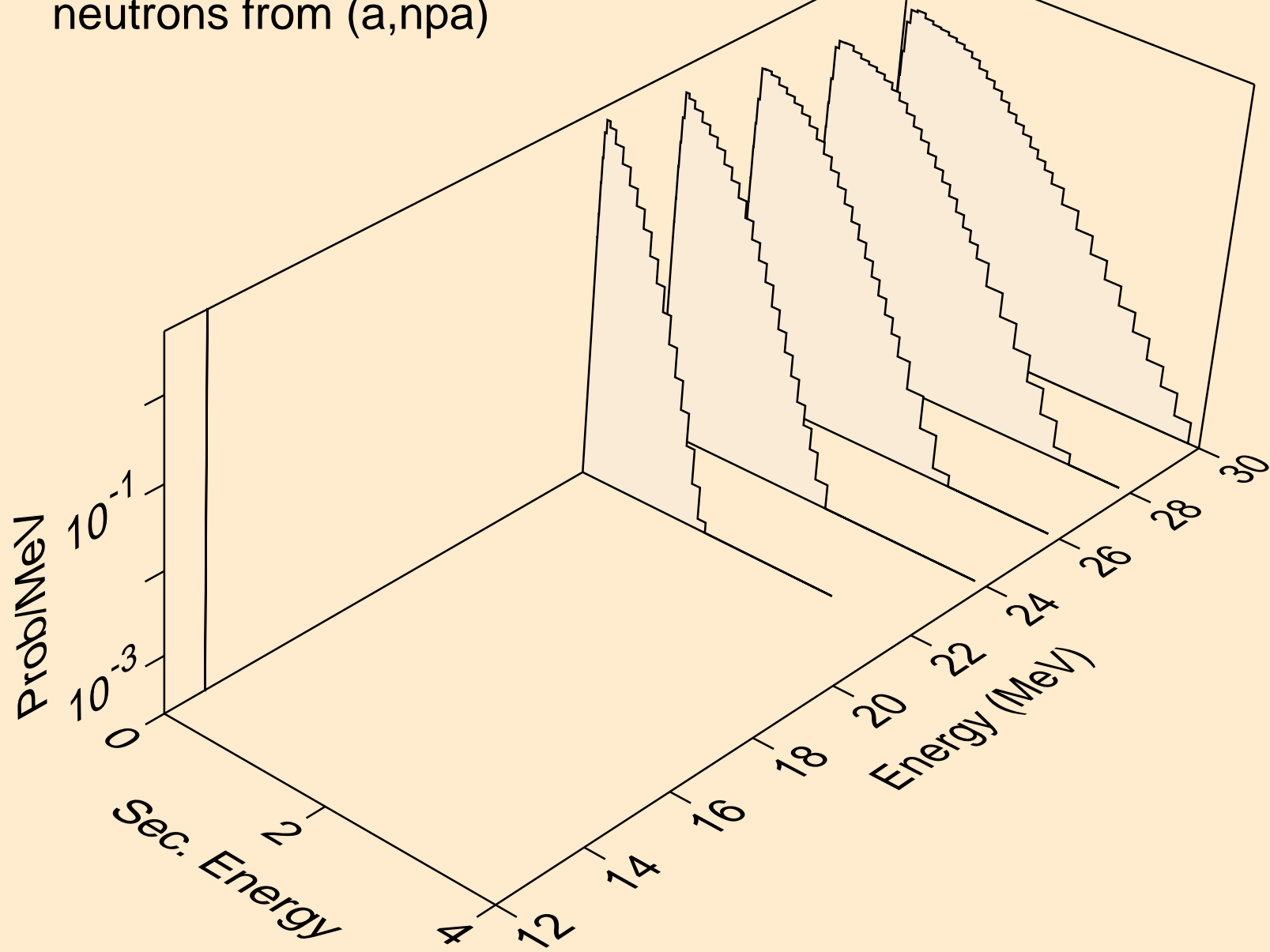
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)

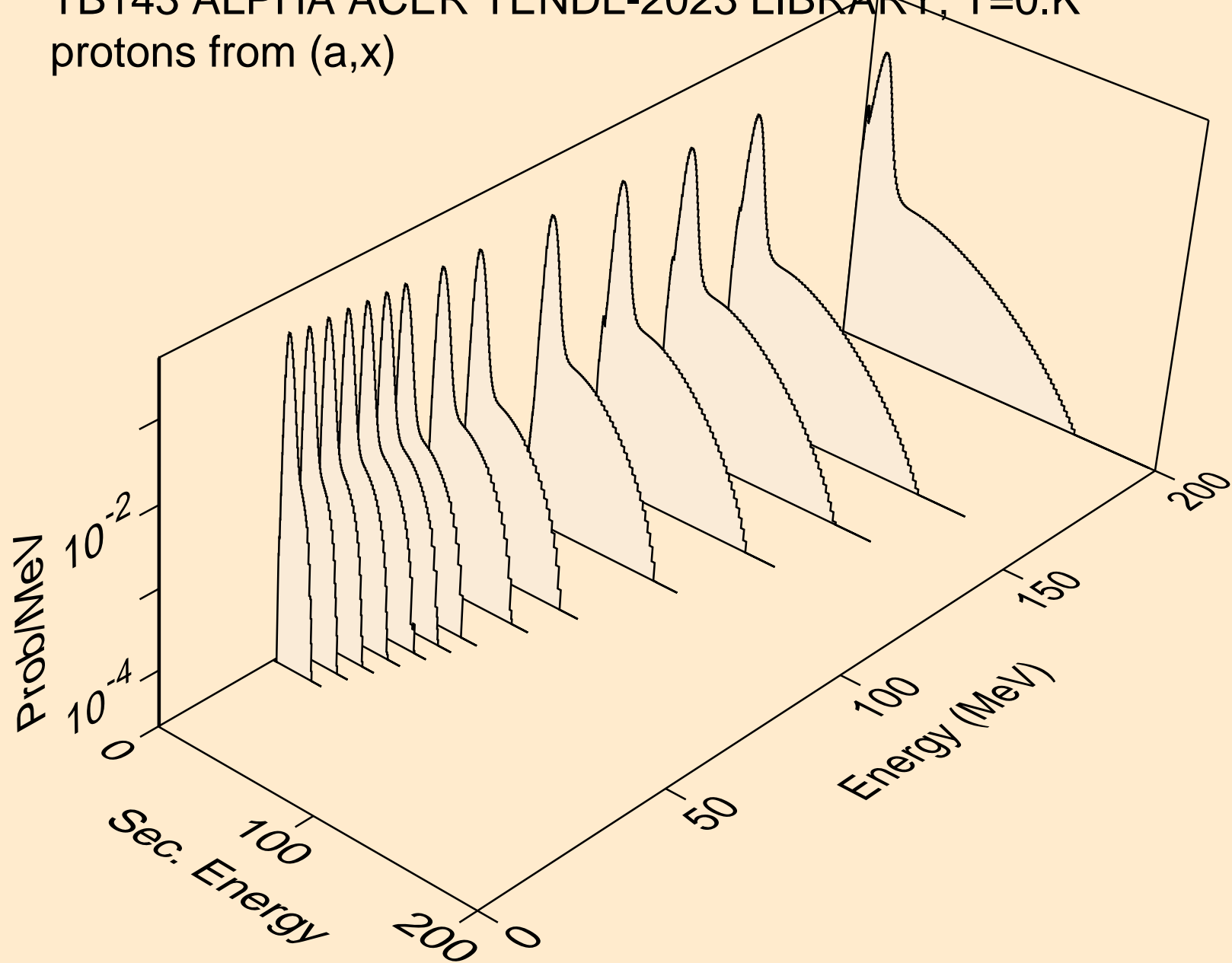


TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)

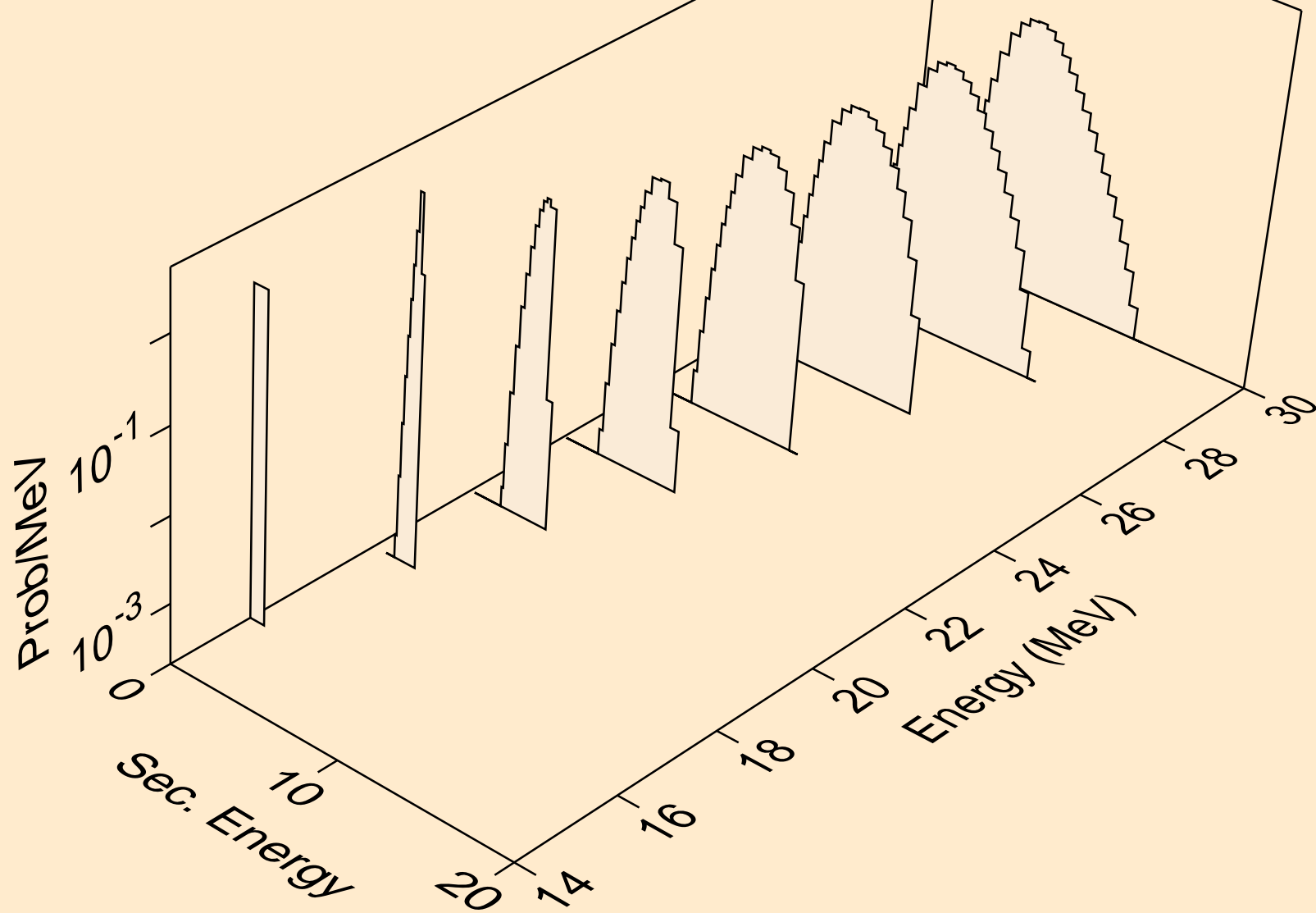




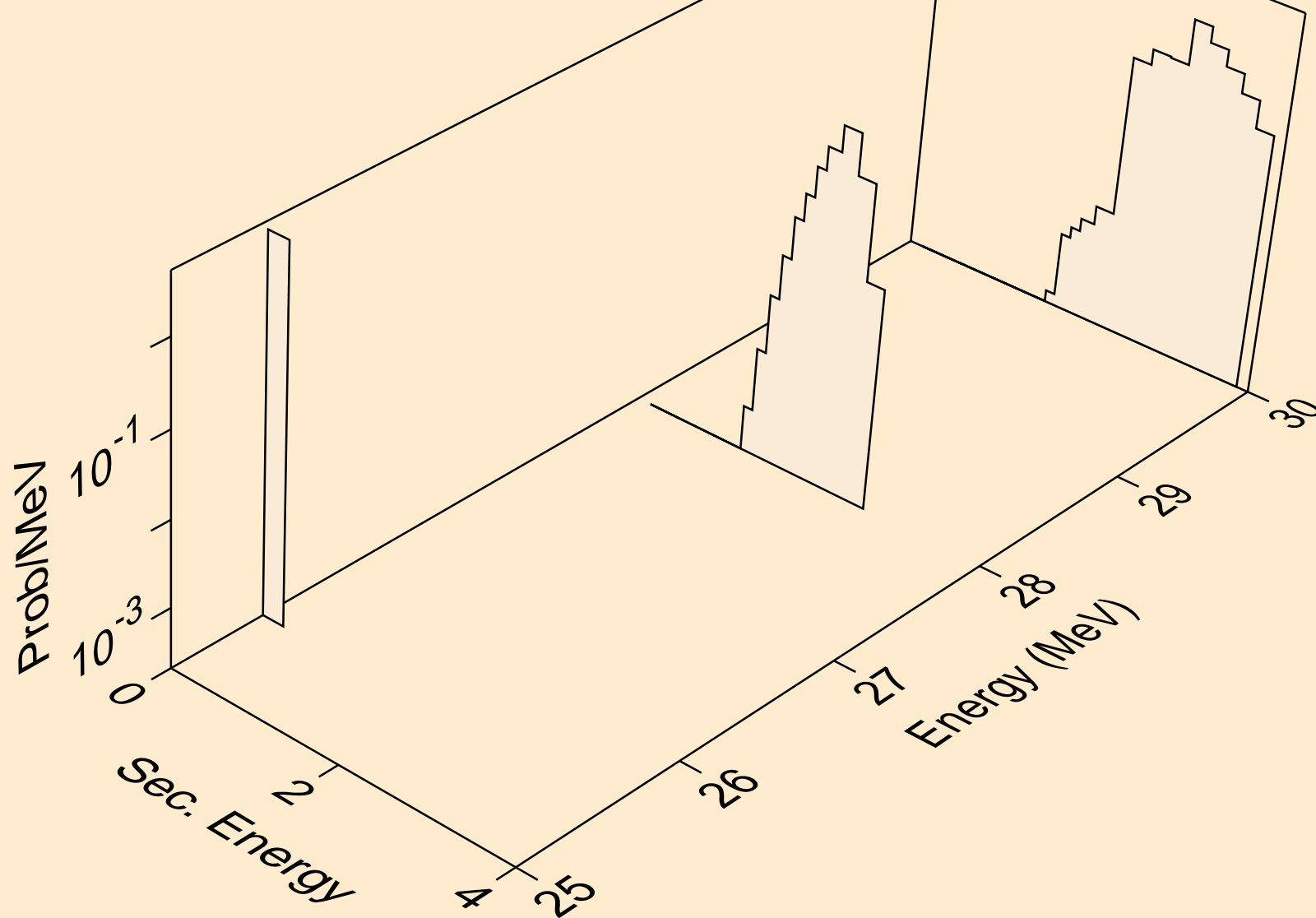
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



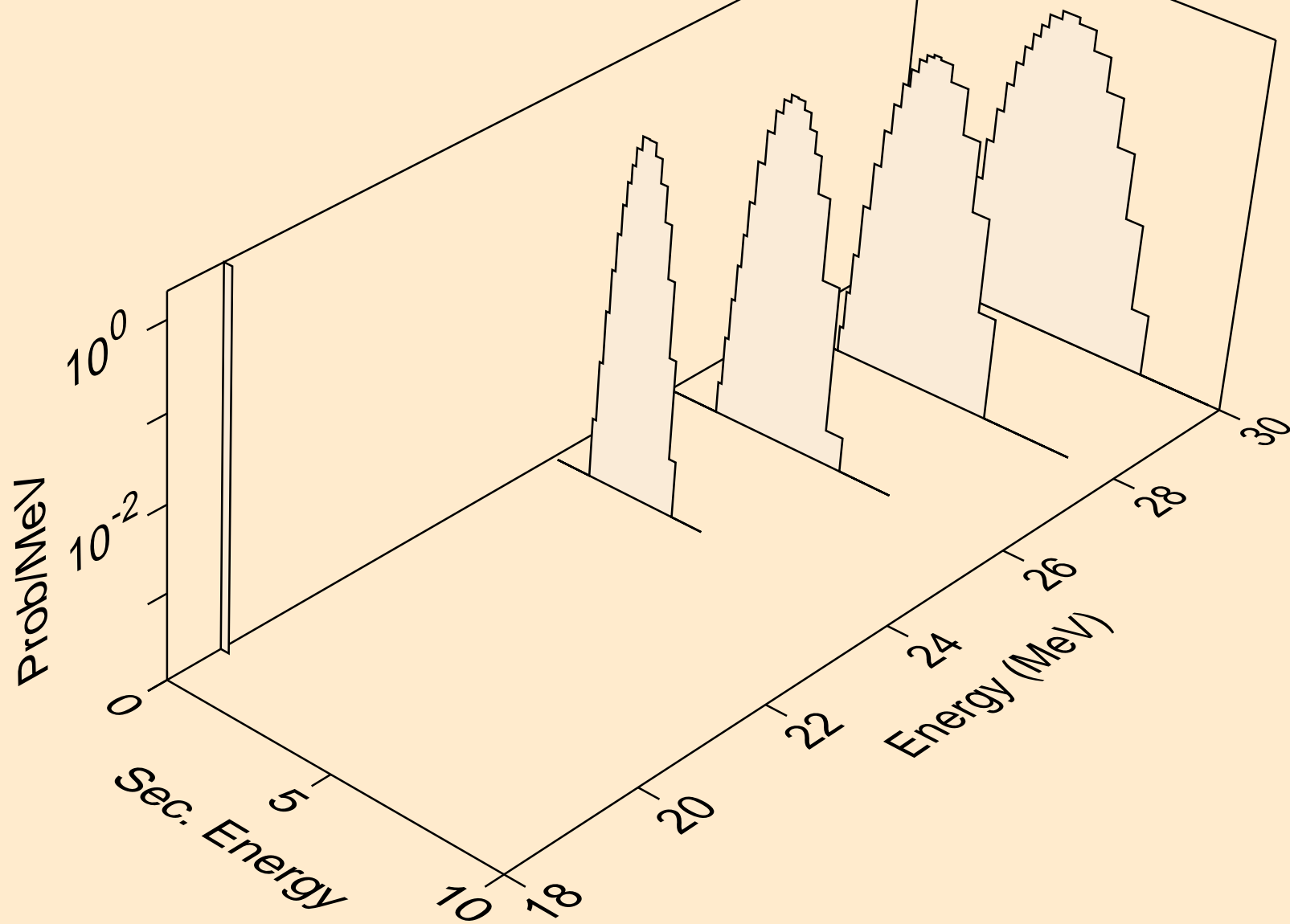
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



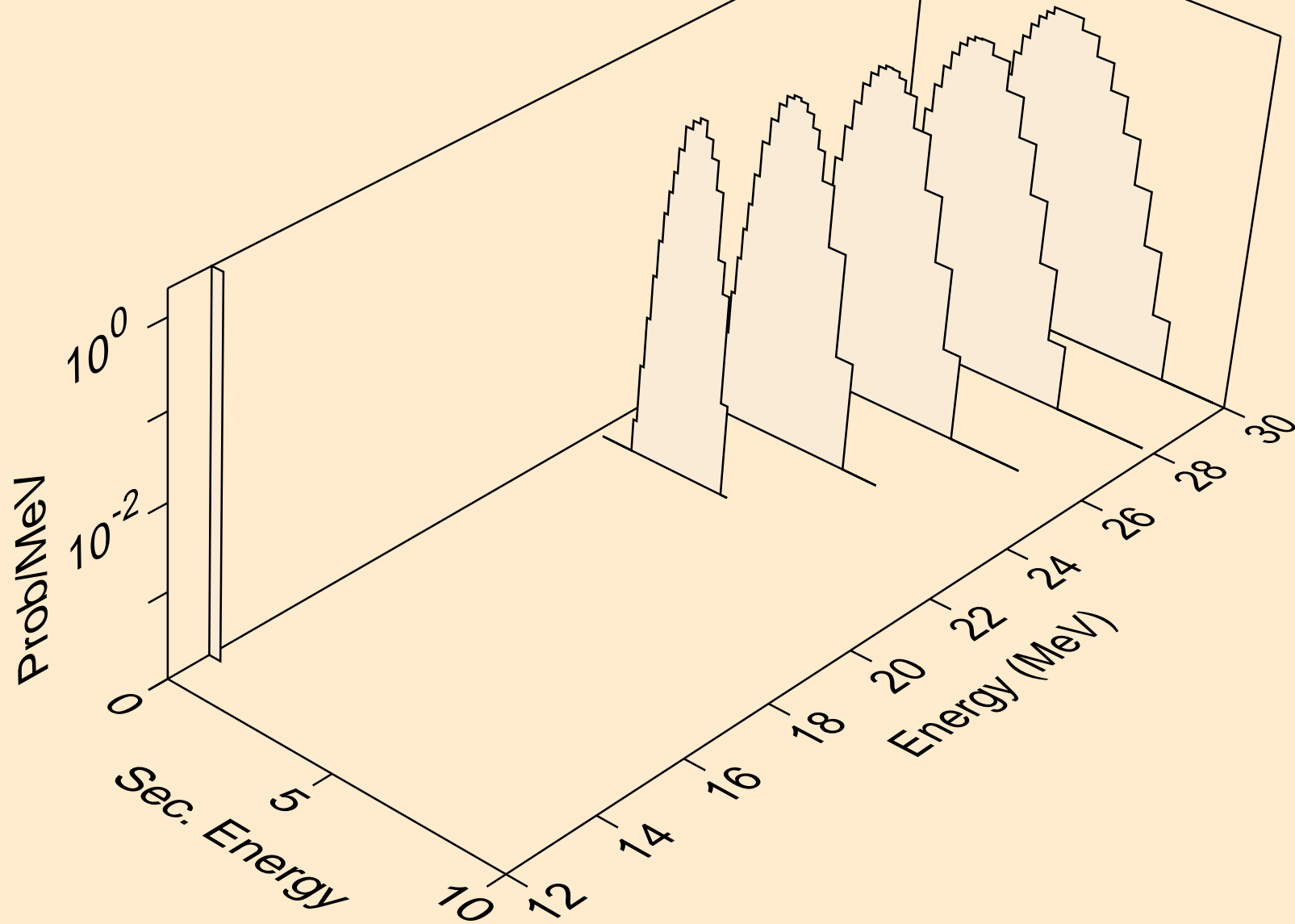
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protons from (a,2np)



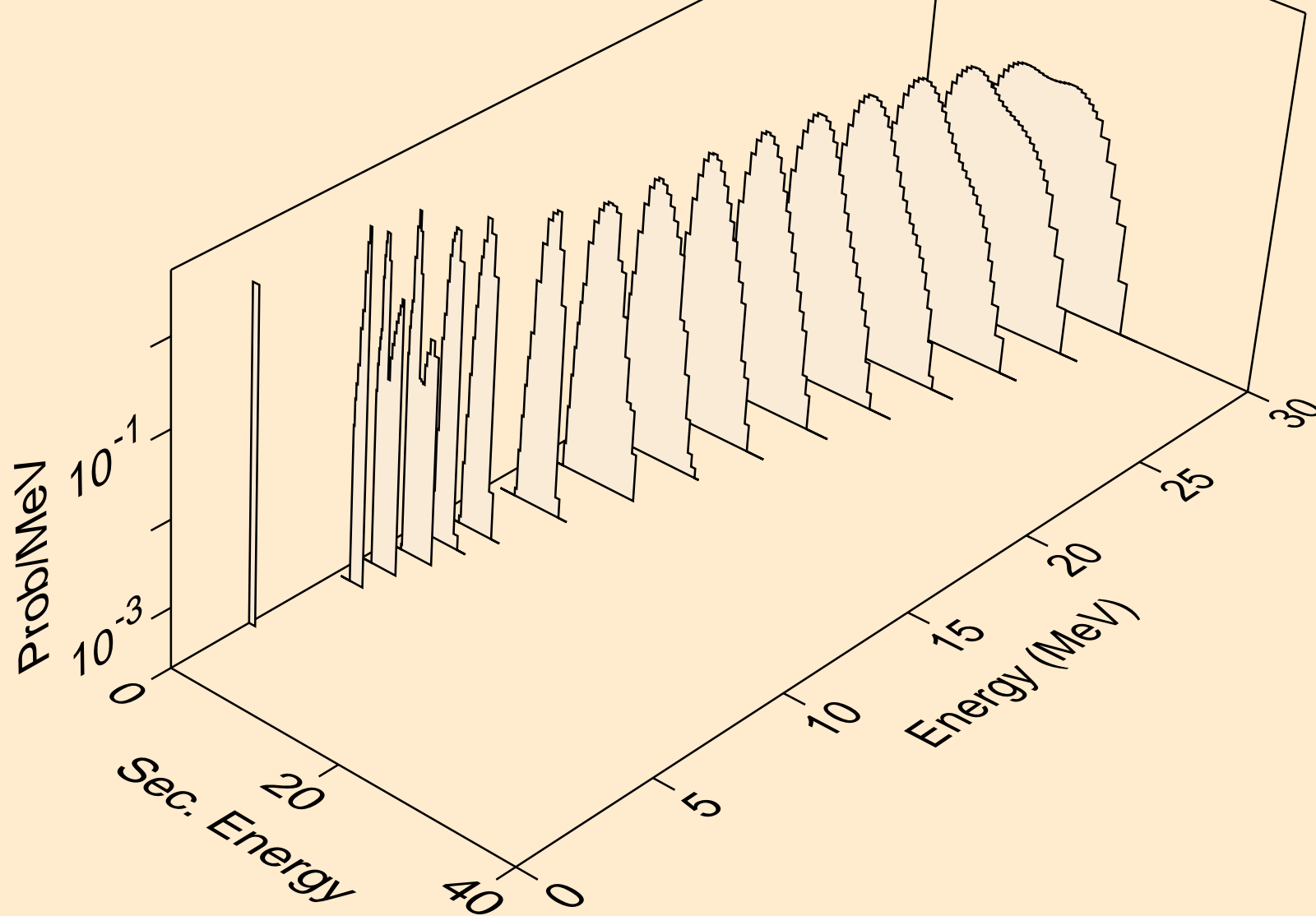
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protons from (a,n2p)



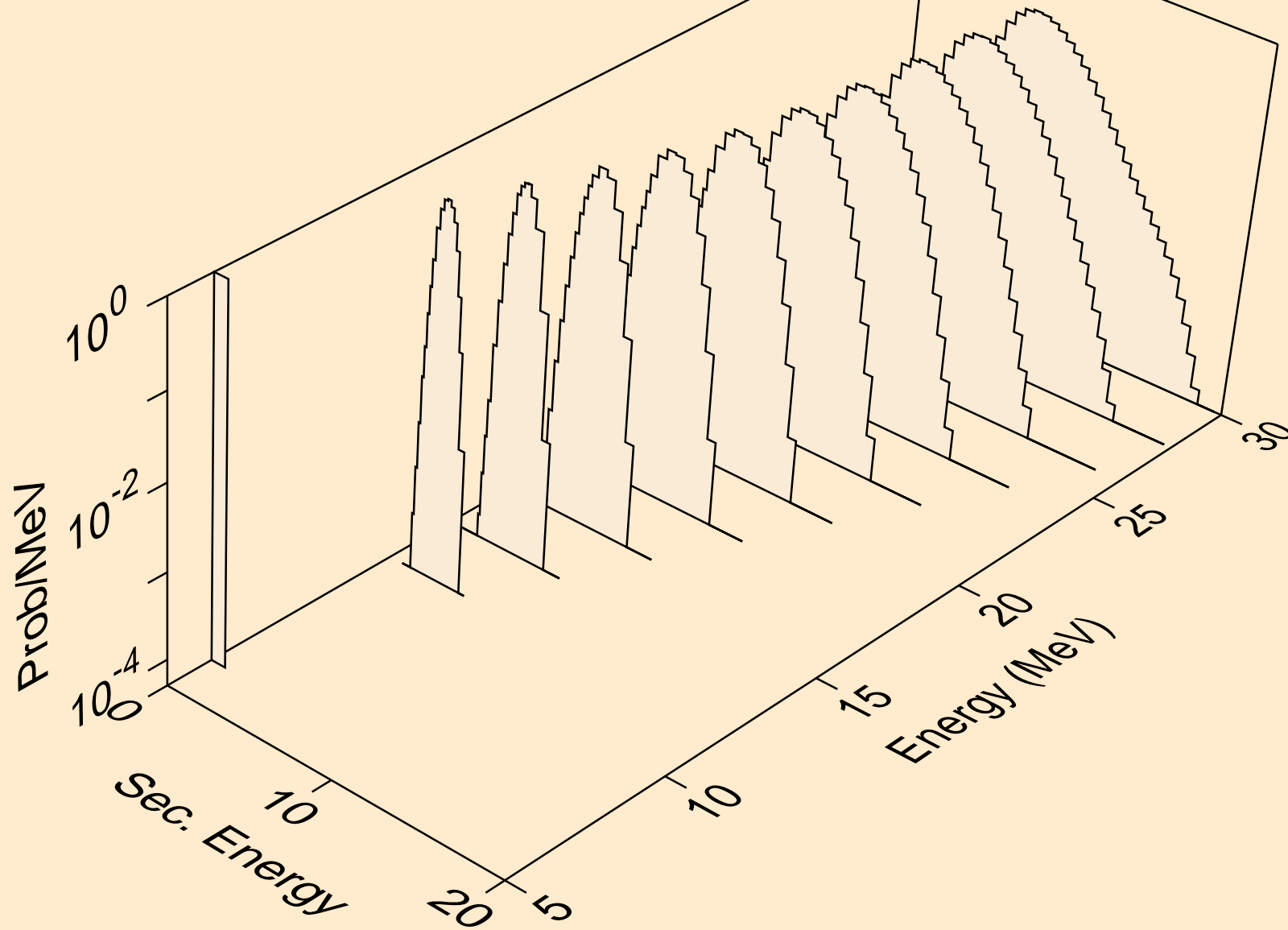
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protons from (a,npa)



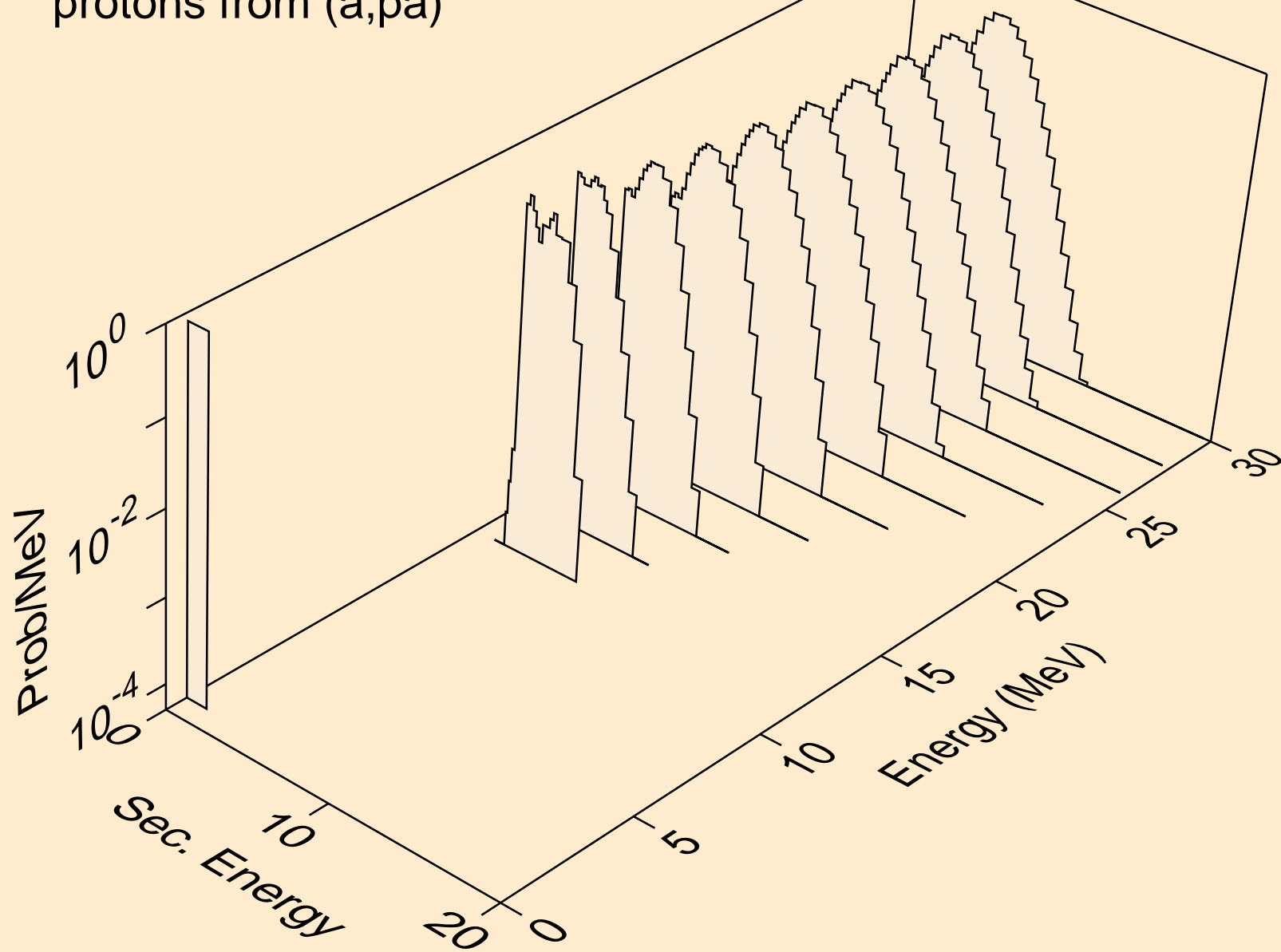
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)

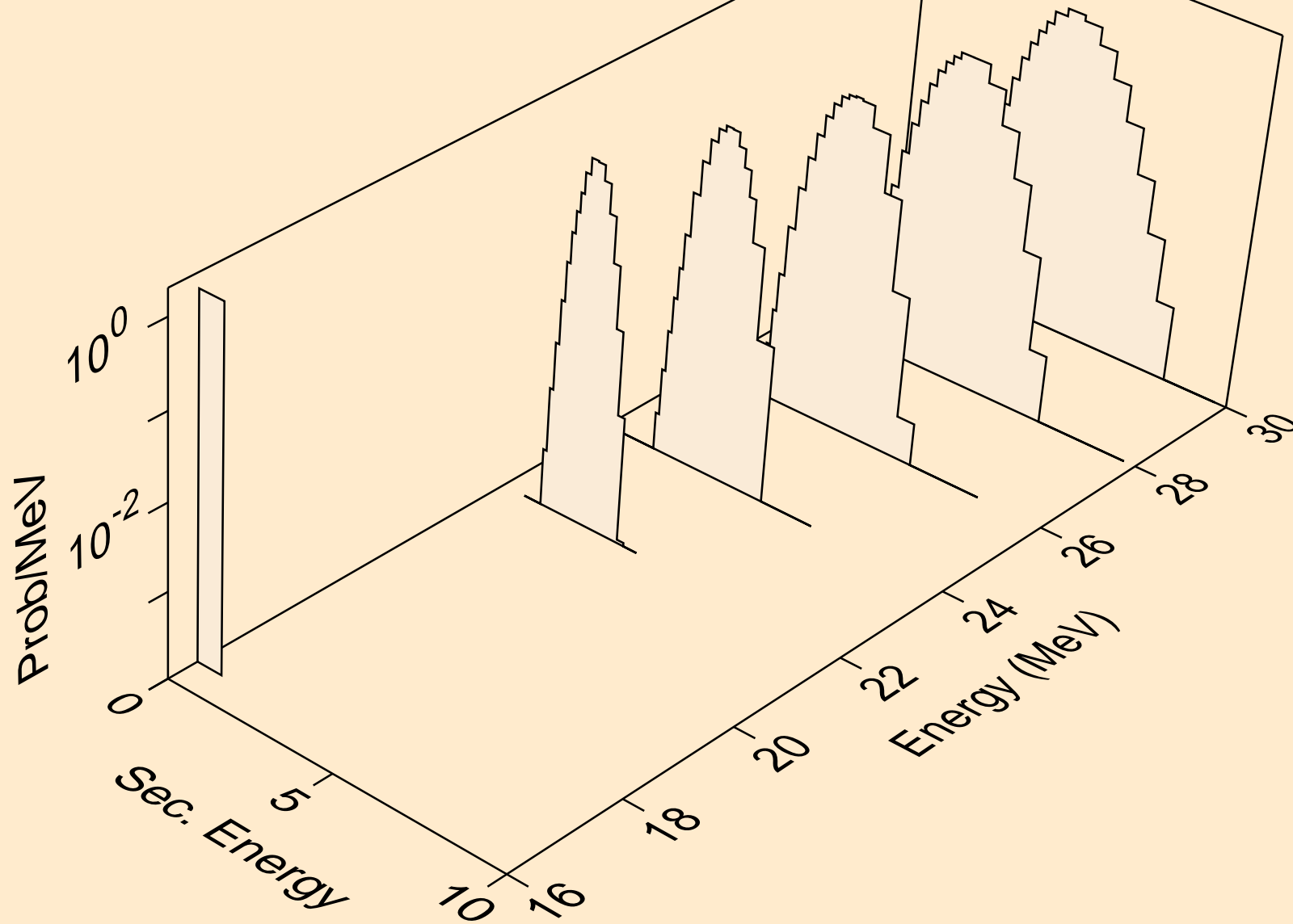


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protons from (a,pa)

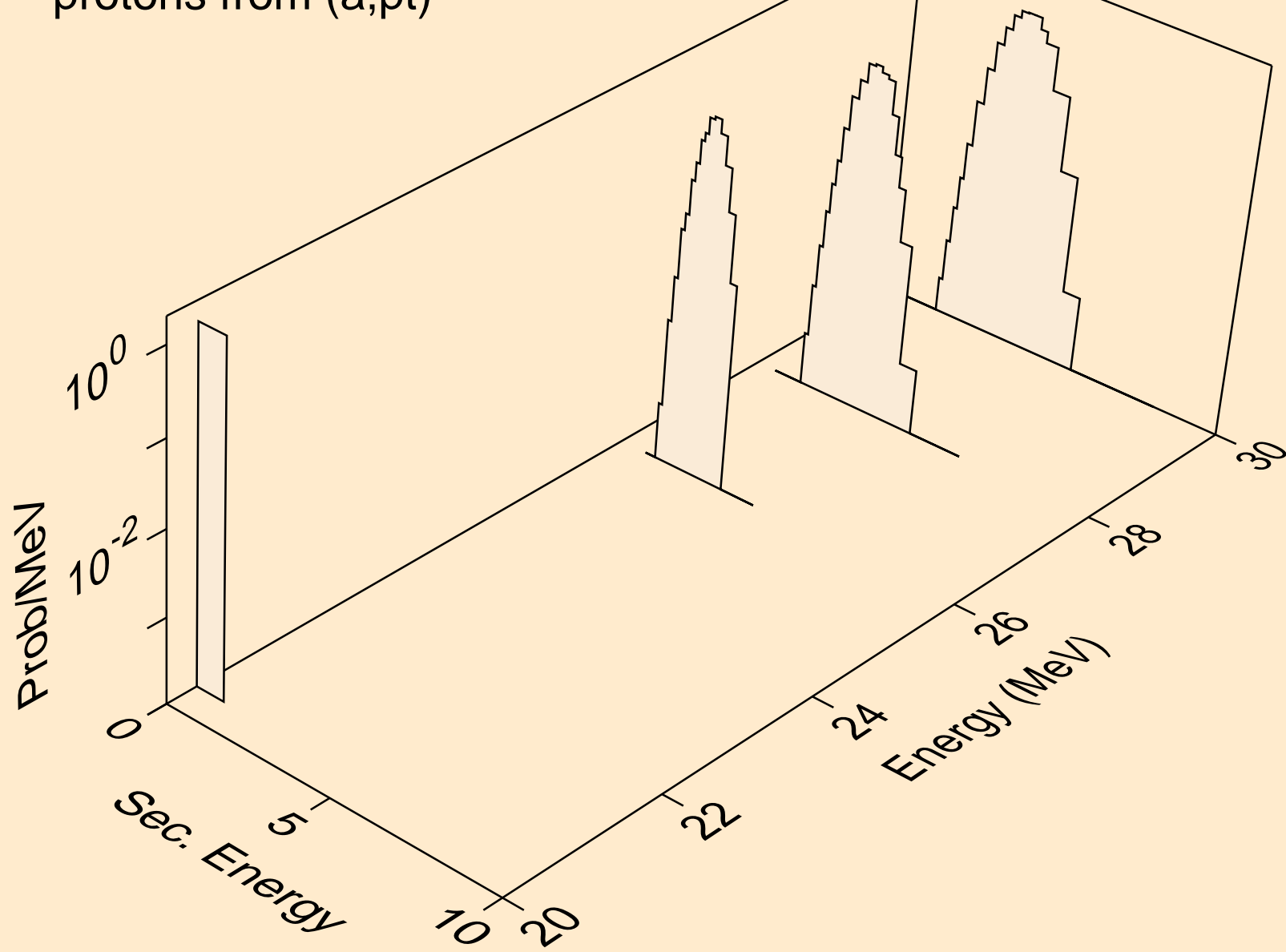




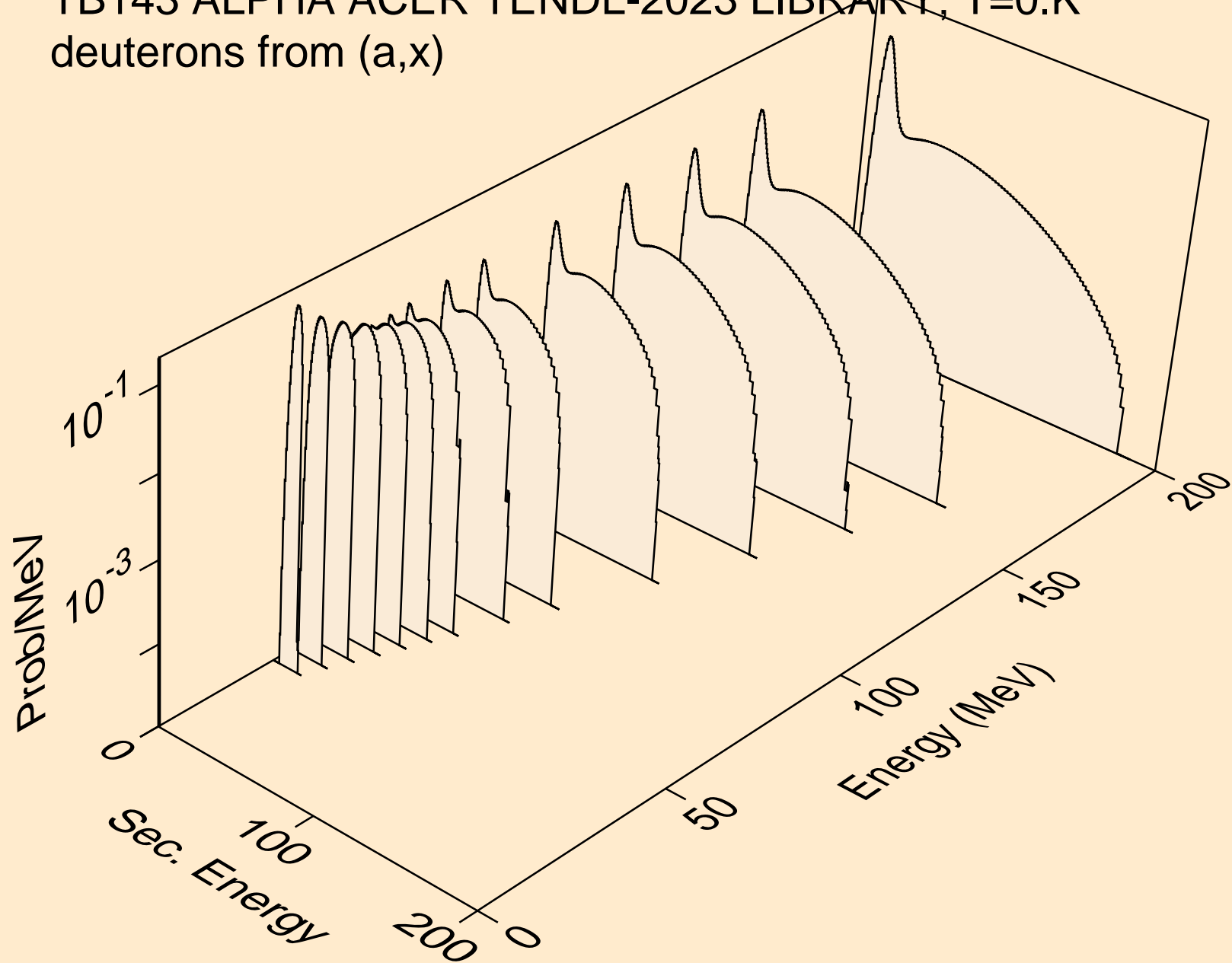
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protons from (a,pd)



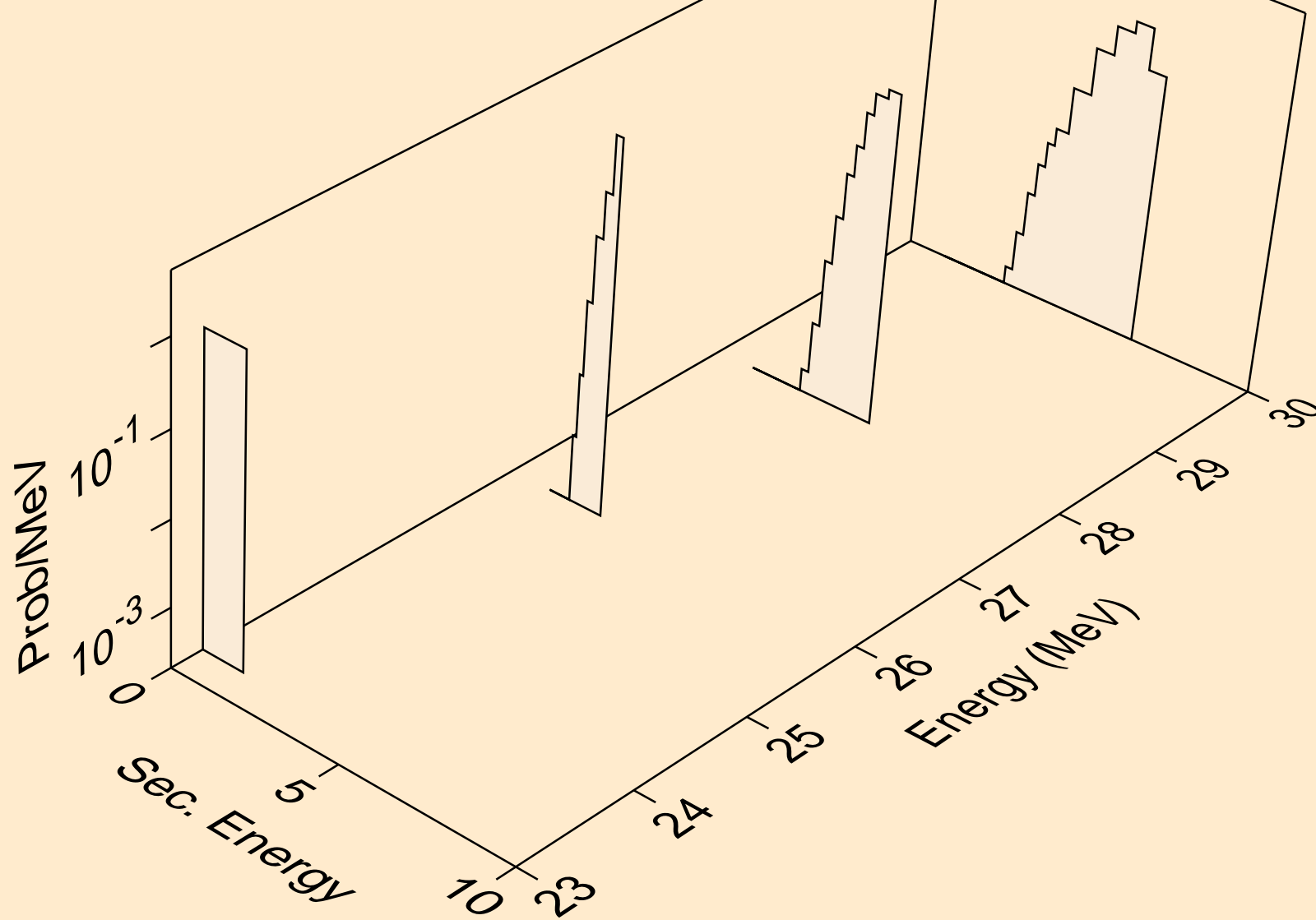
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



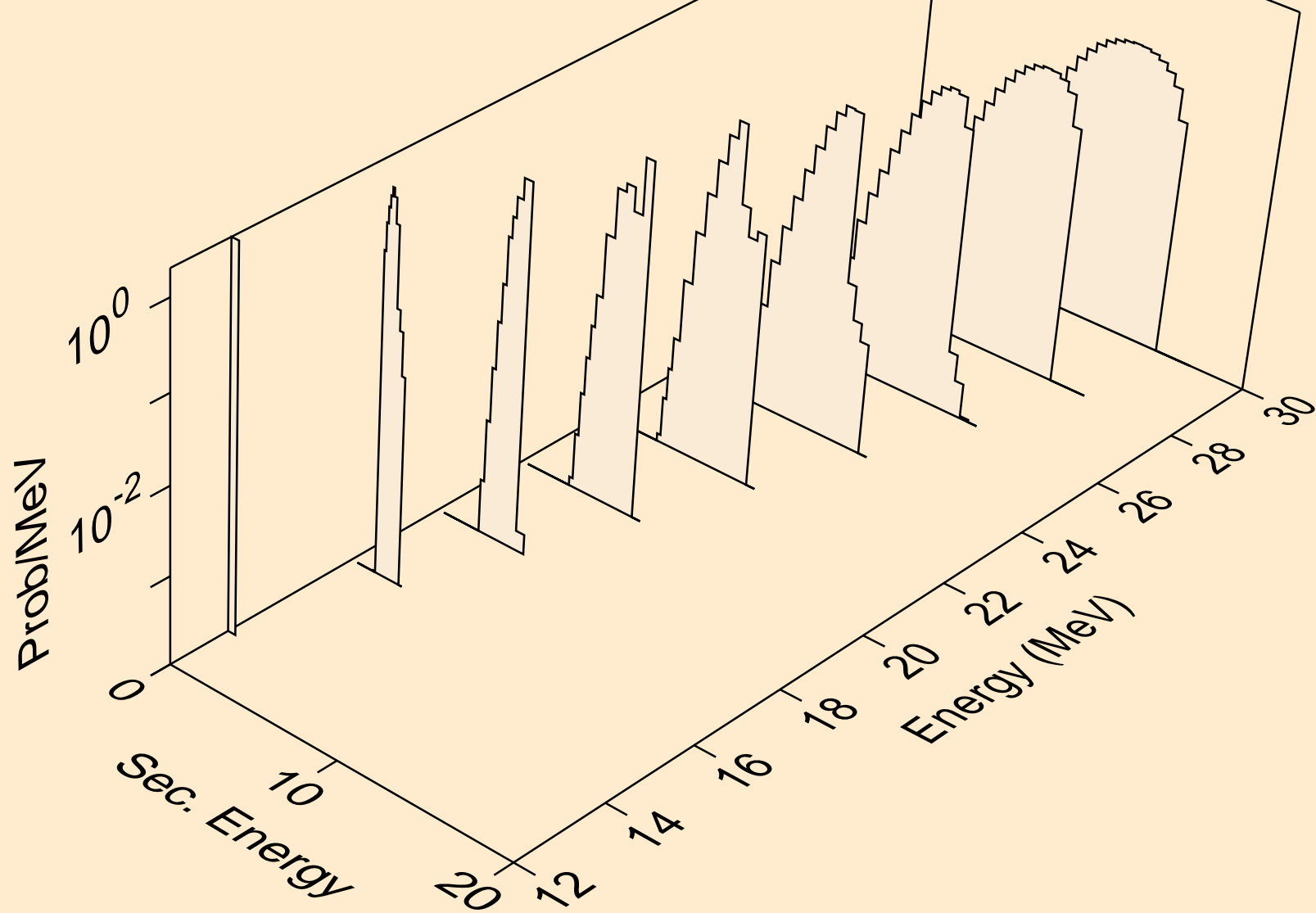
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



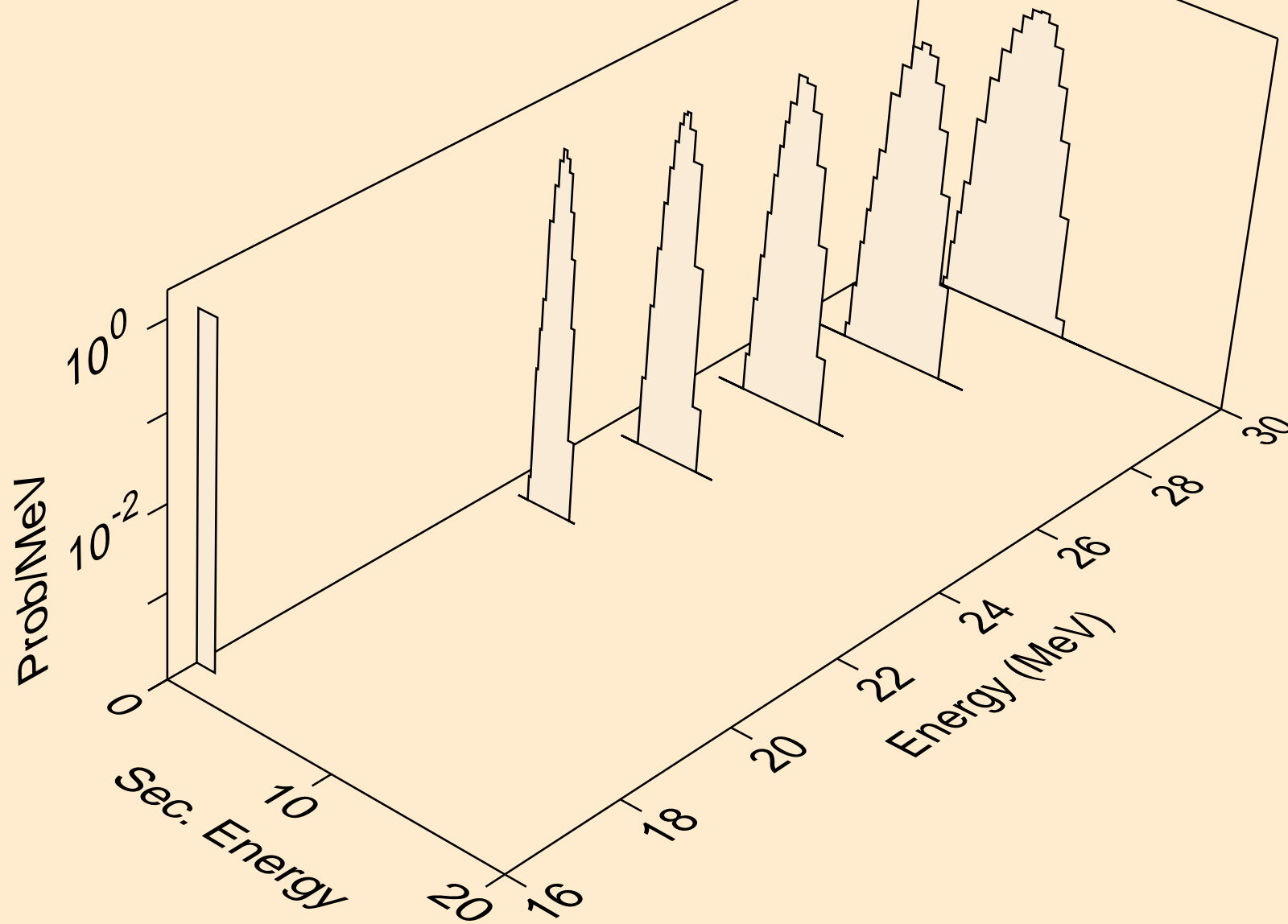
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



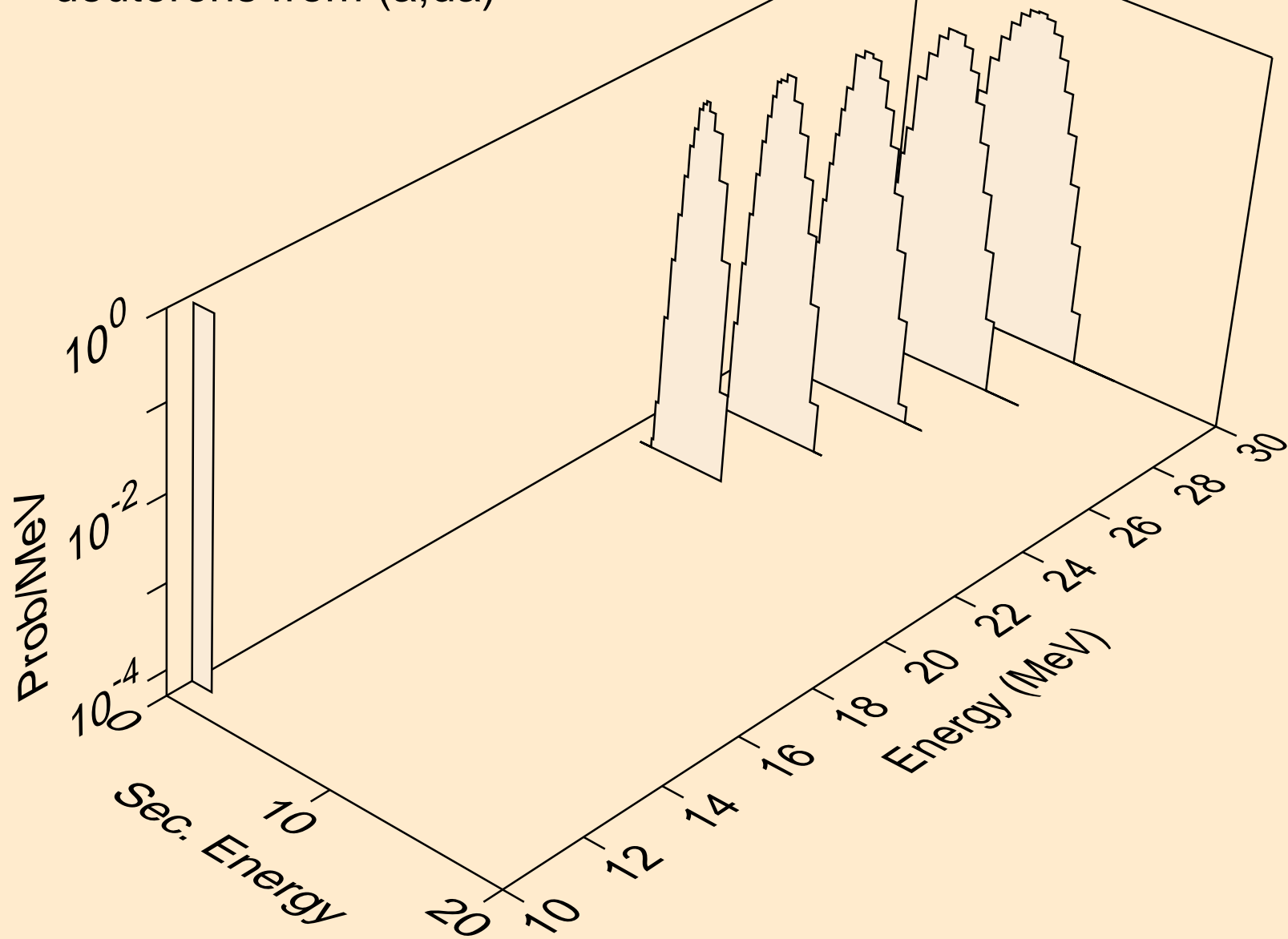
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deuterons from (a,d)



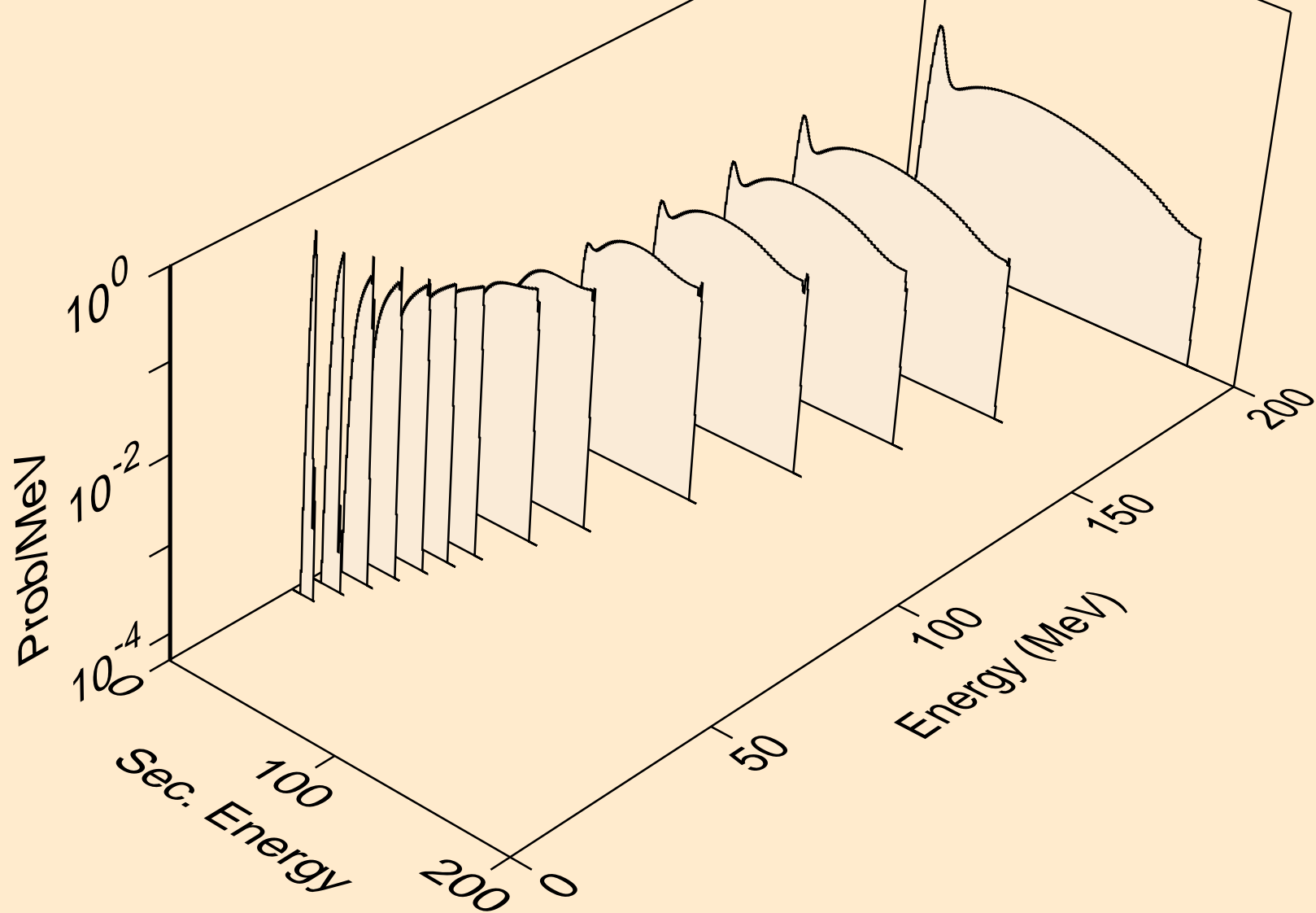
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)

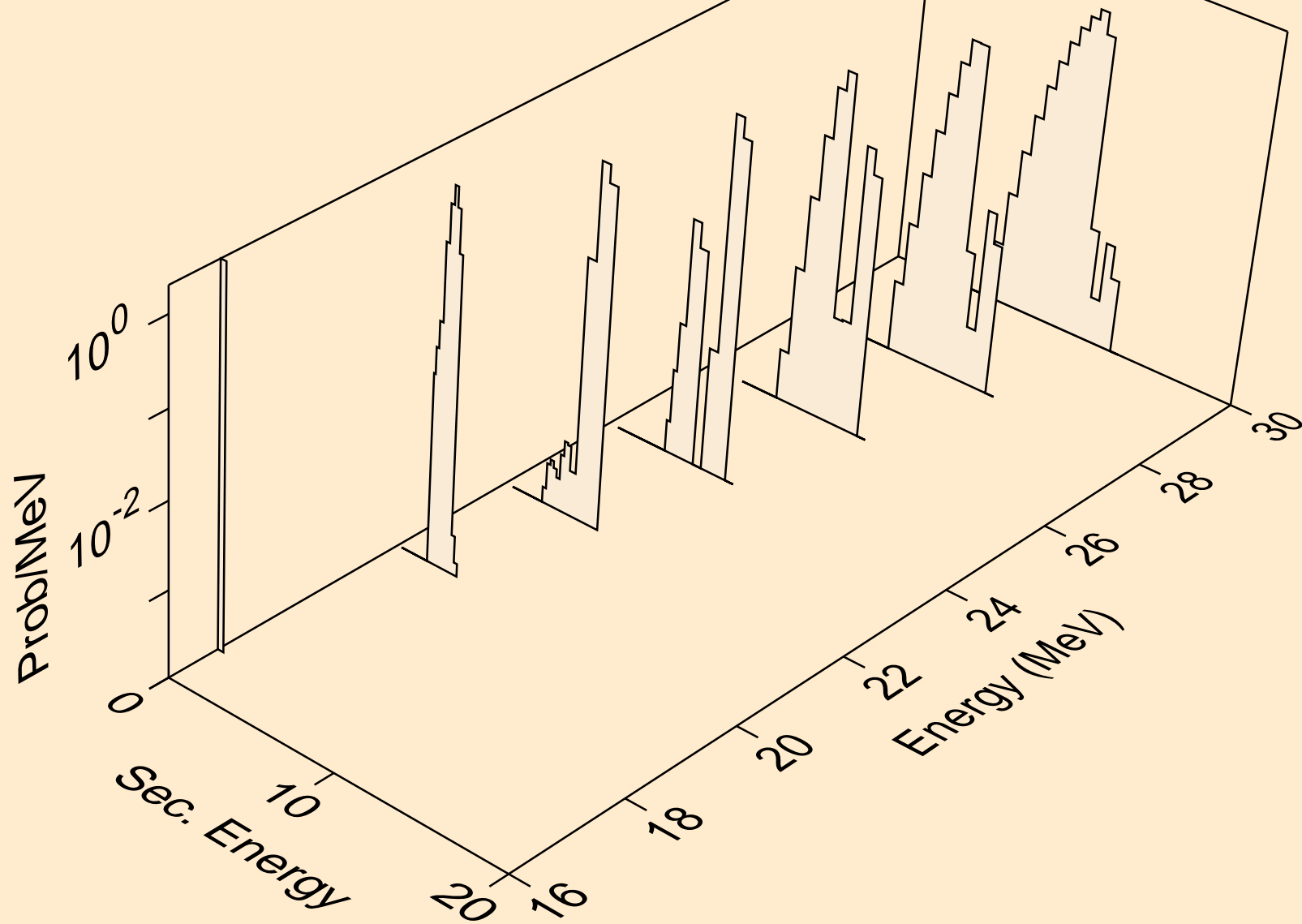


TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
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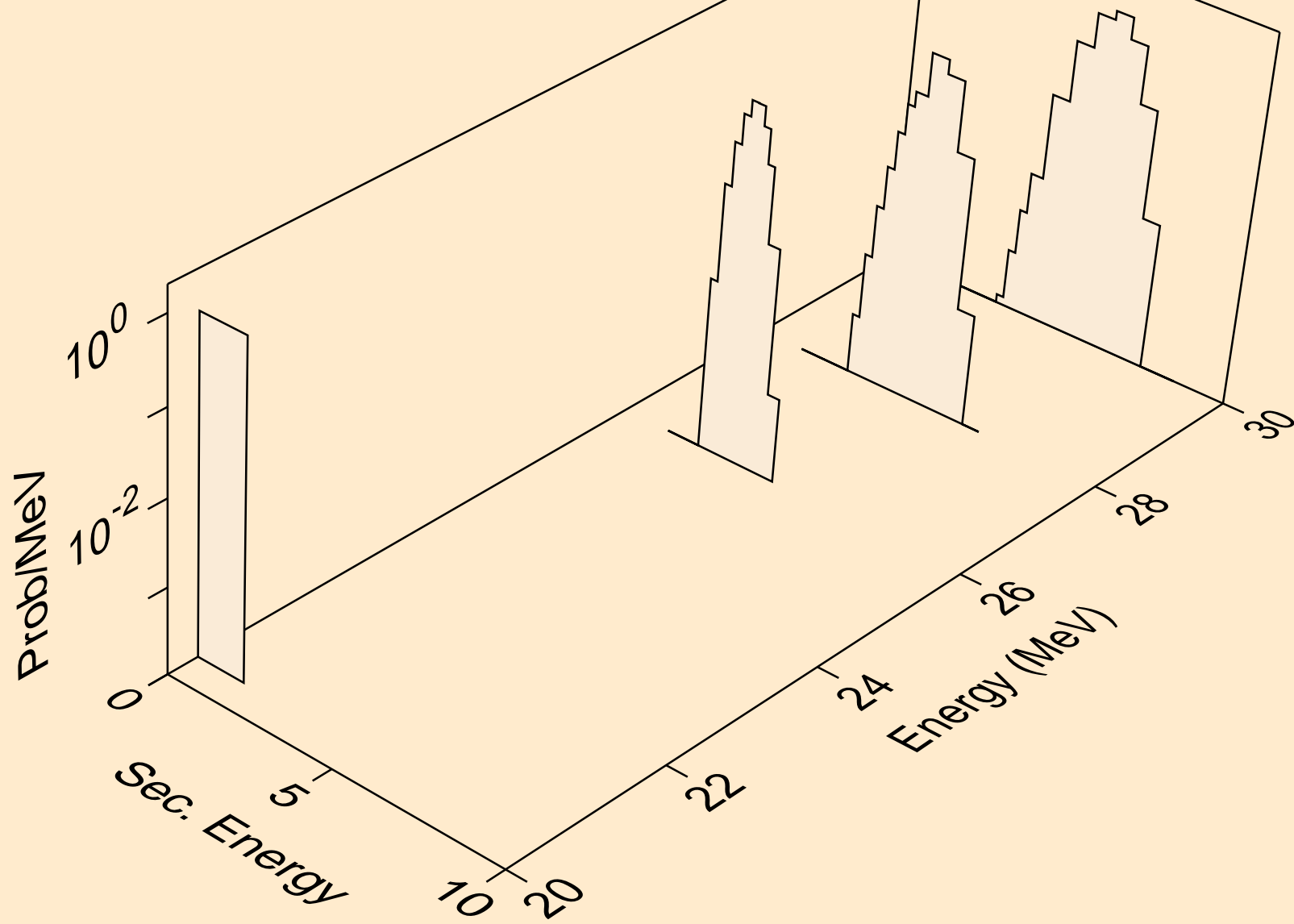




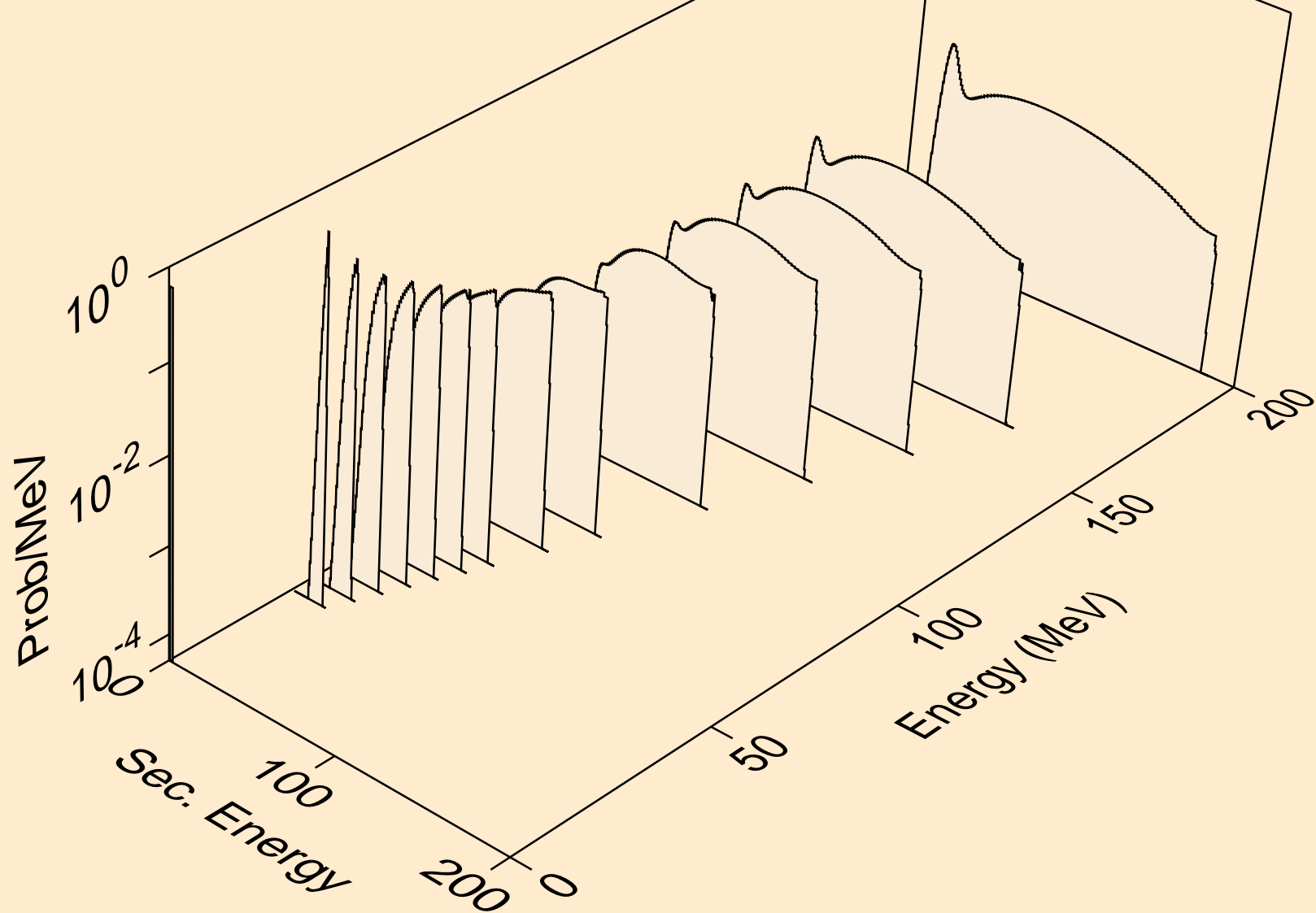
TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



TB143 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

