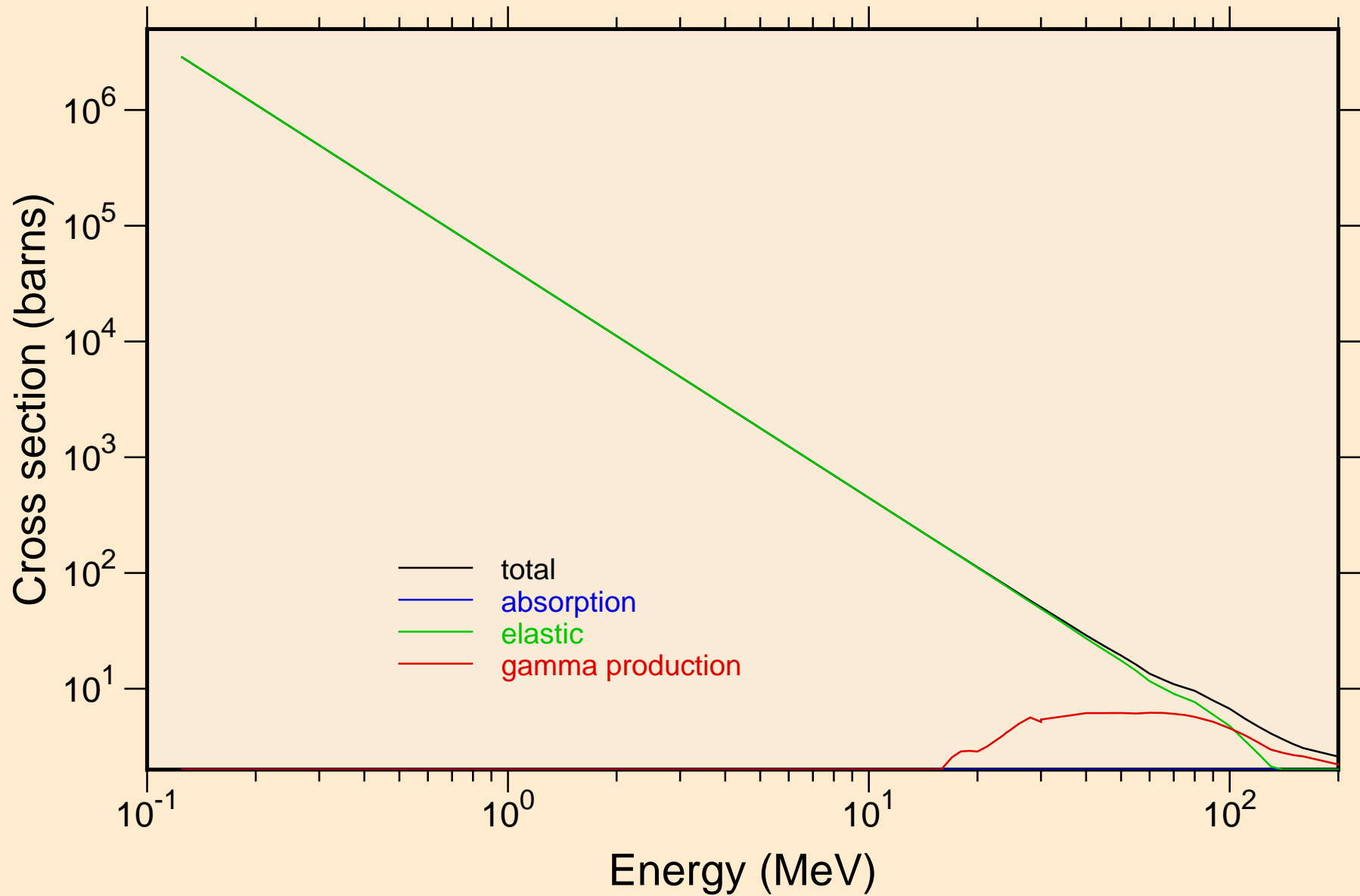
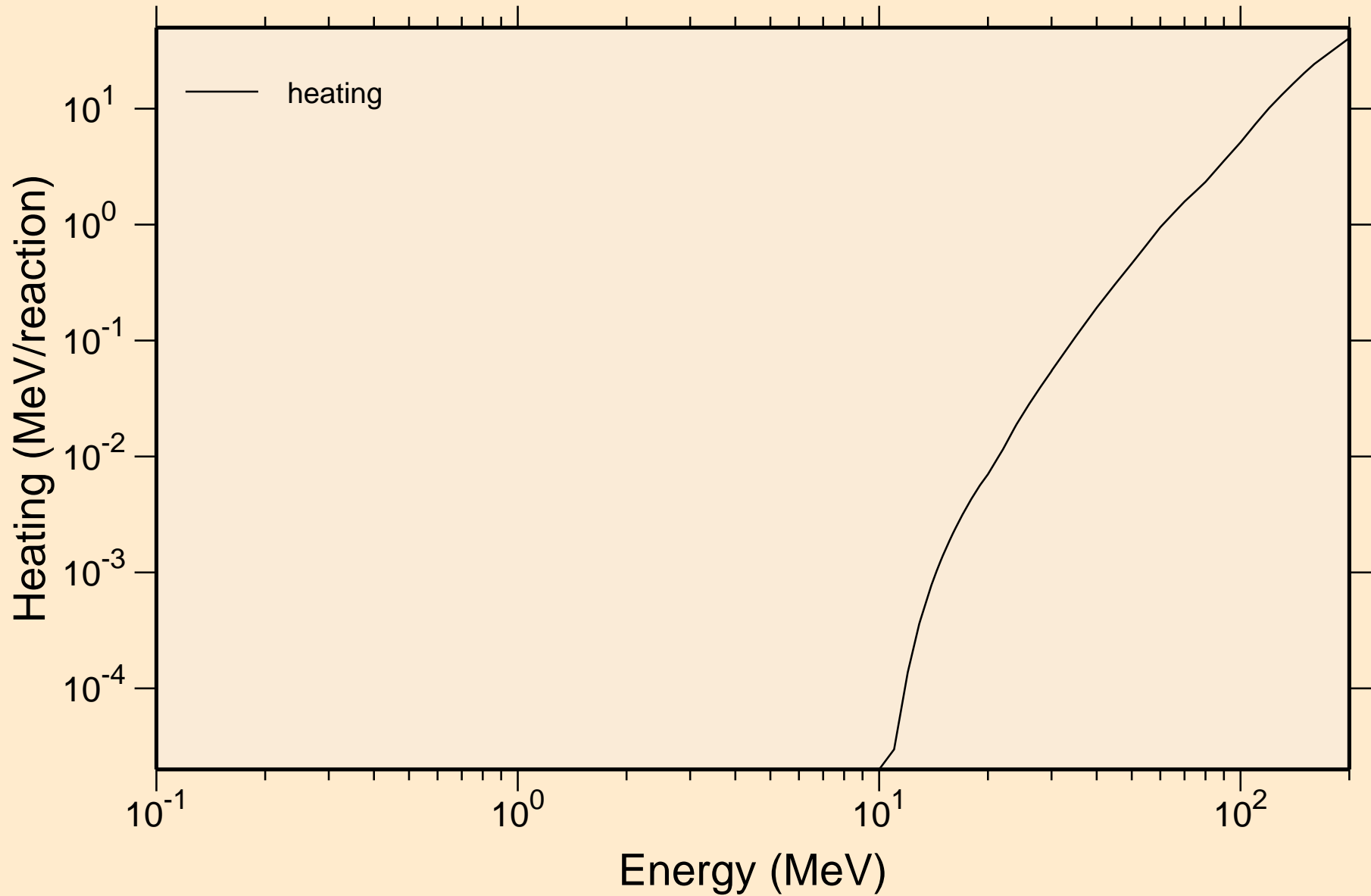


NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

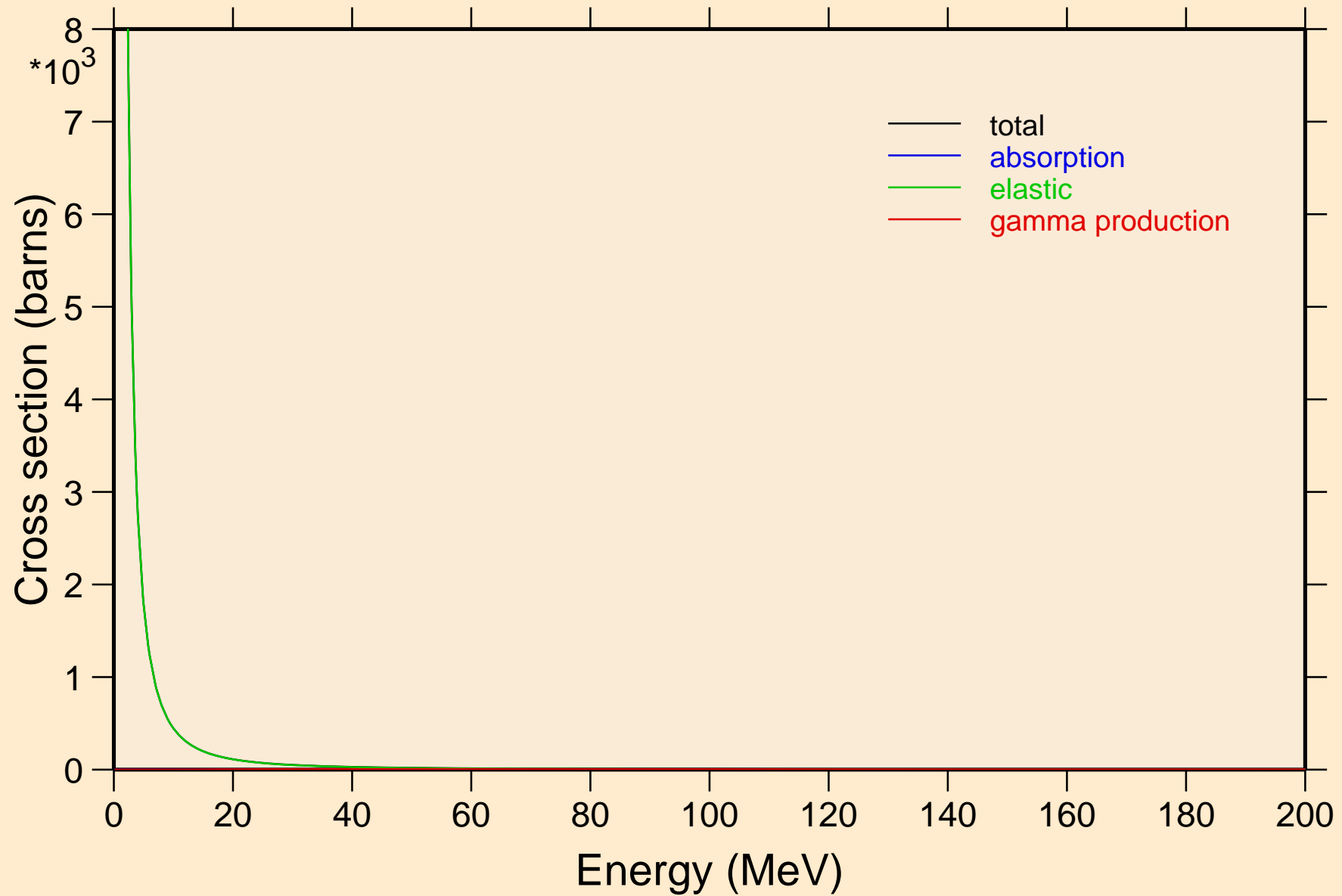


NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Heating



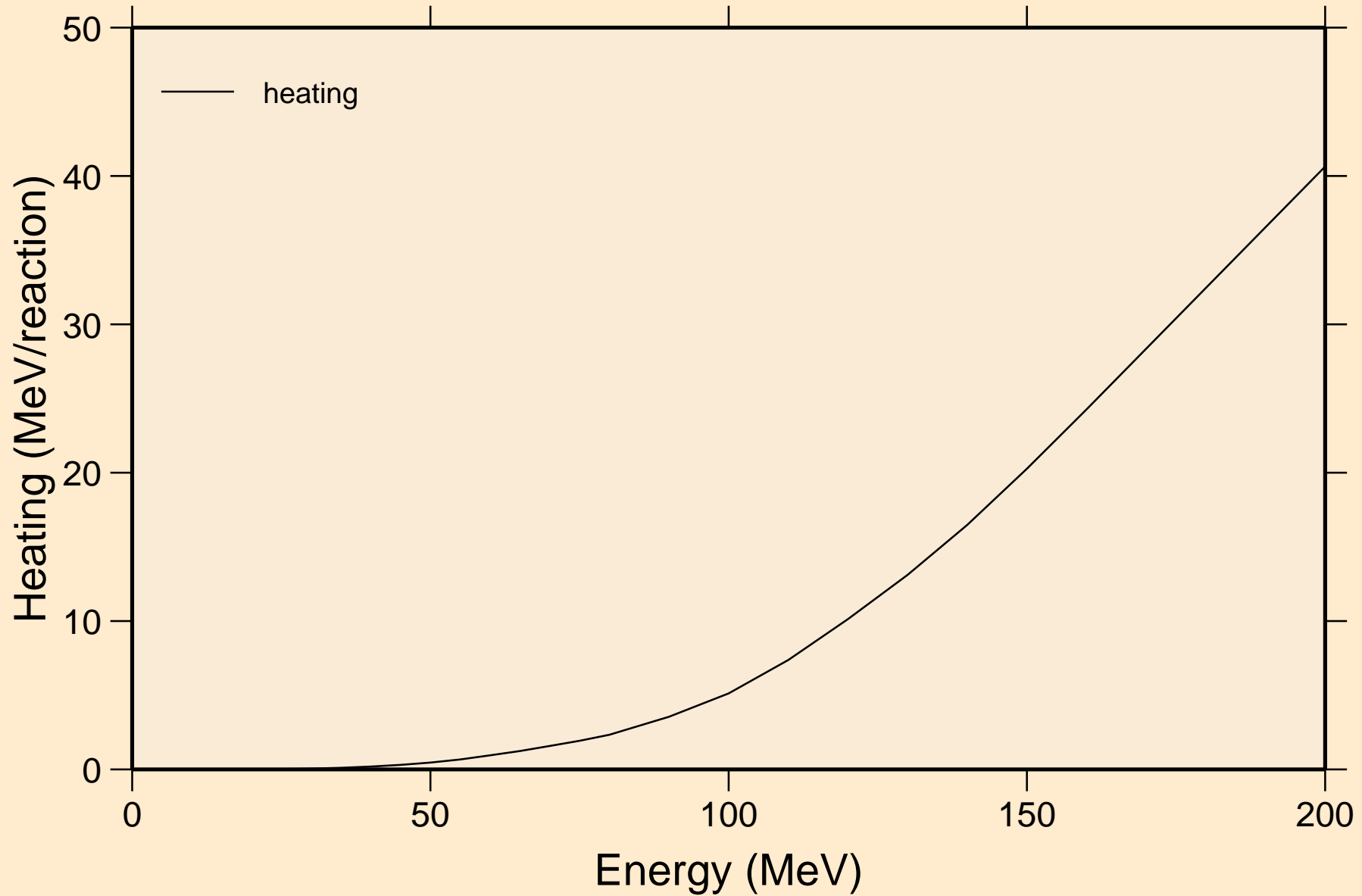
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## Principal cross sections

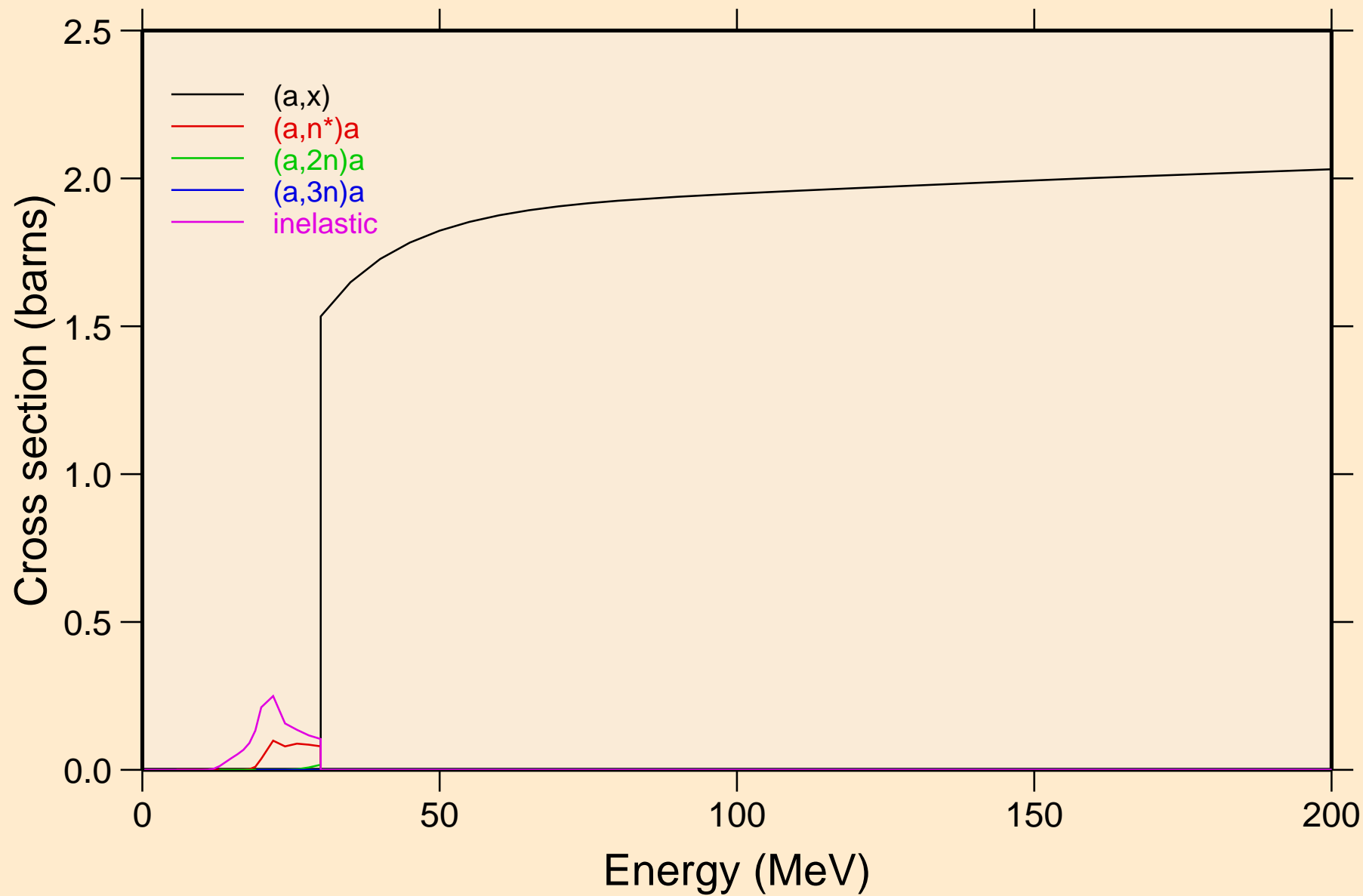


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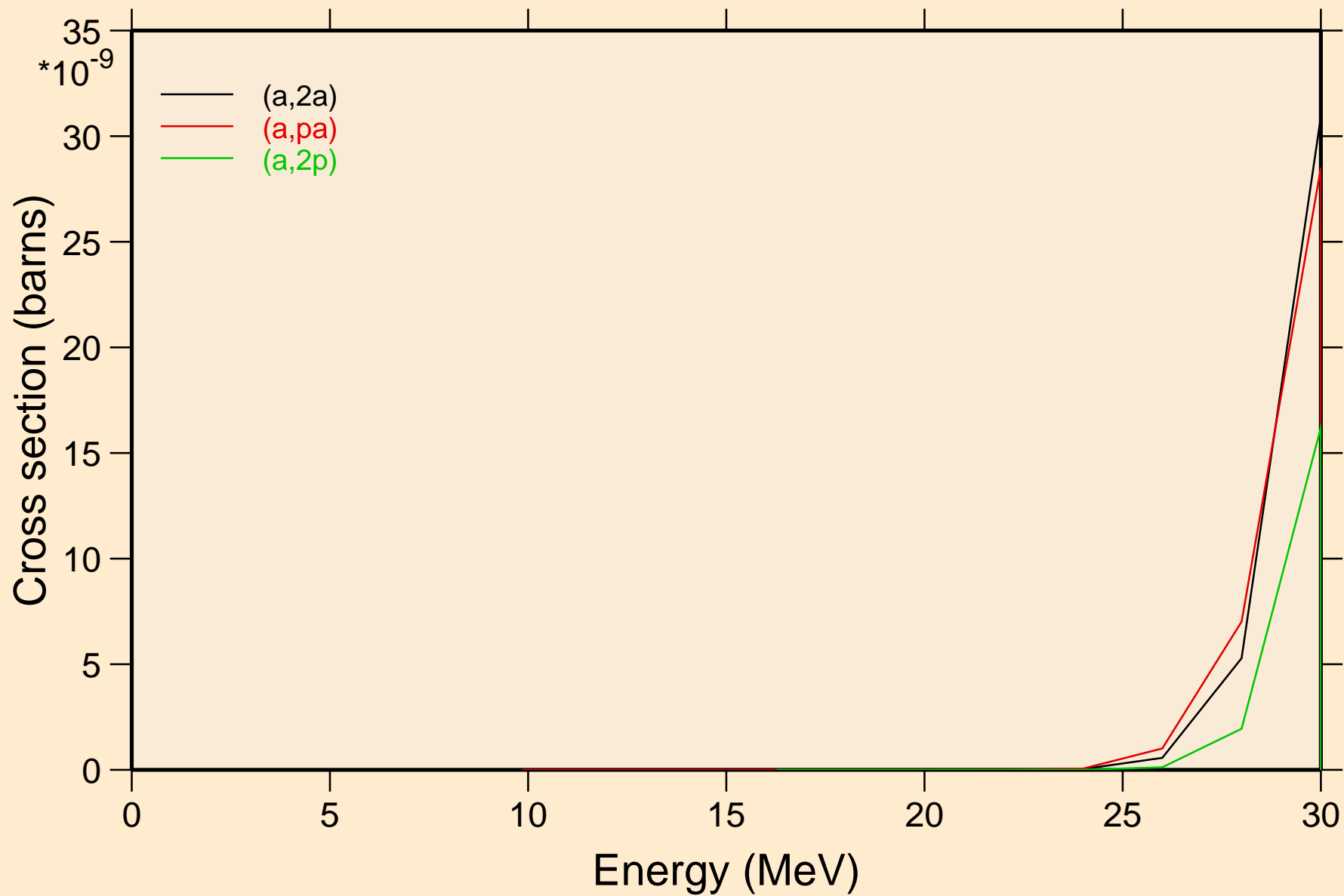
Heating



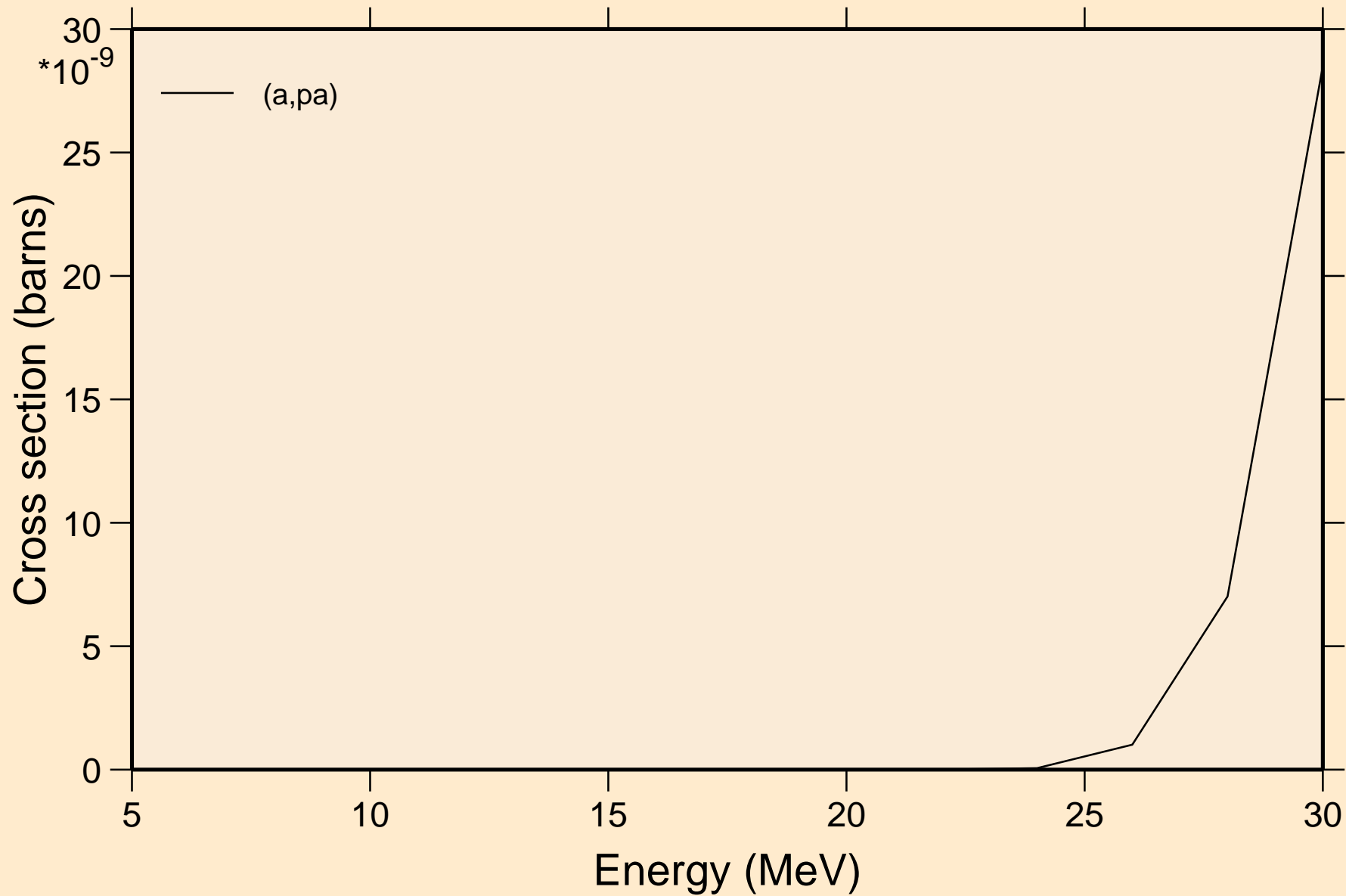
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Threshold reactions



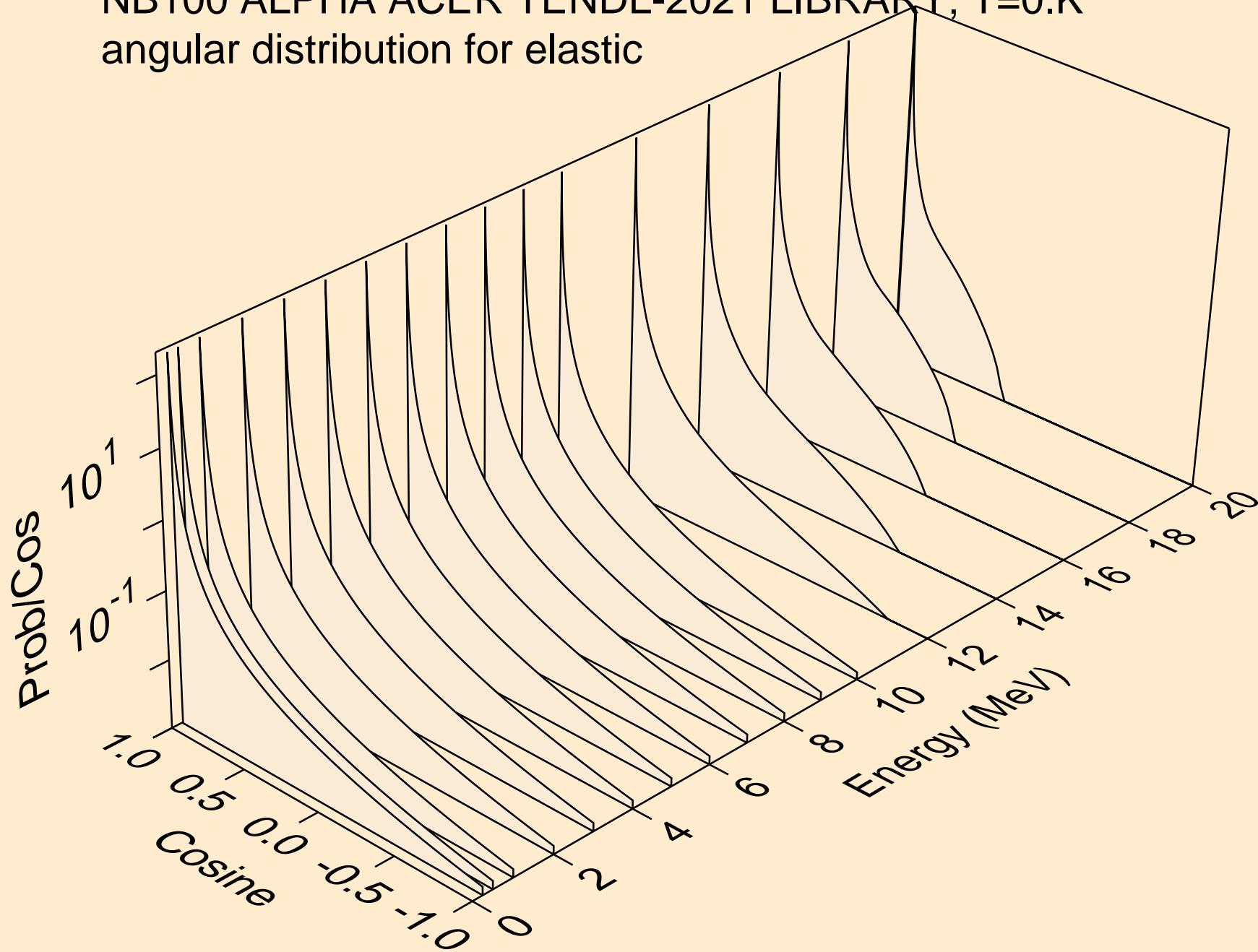
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

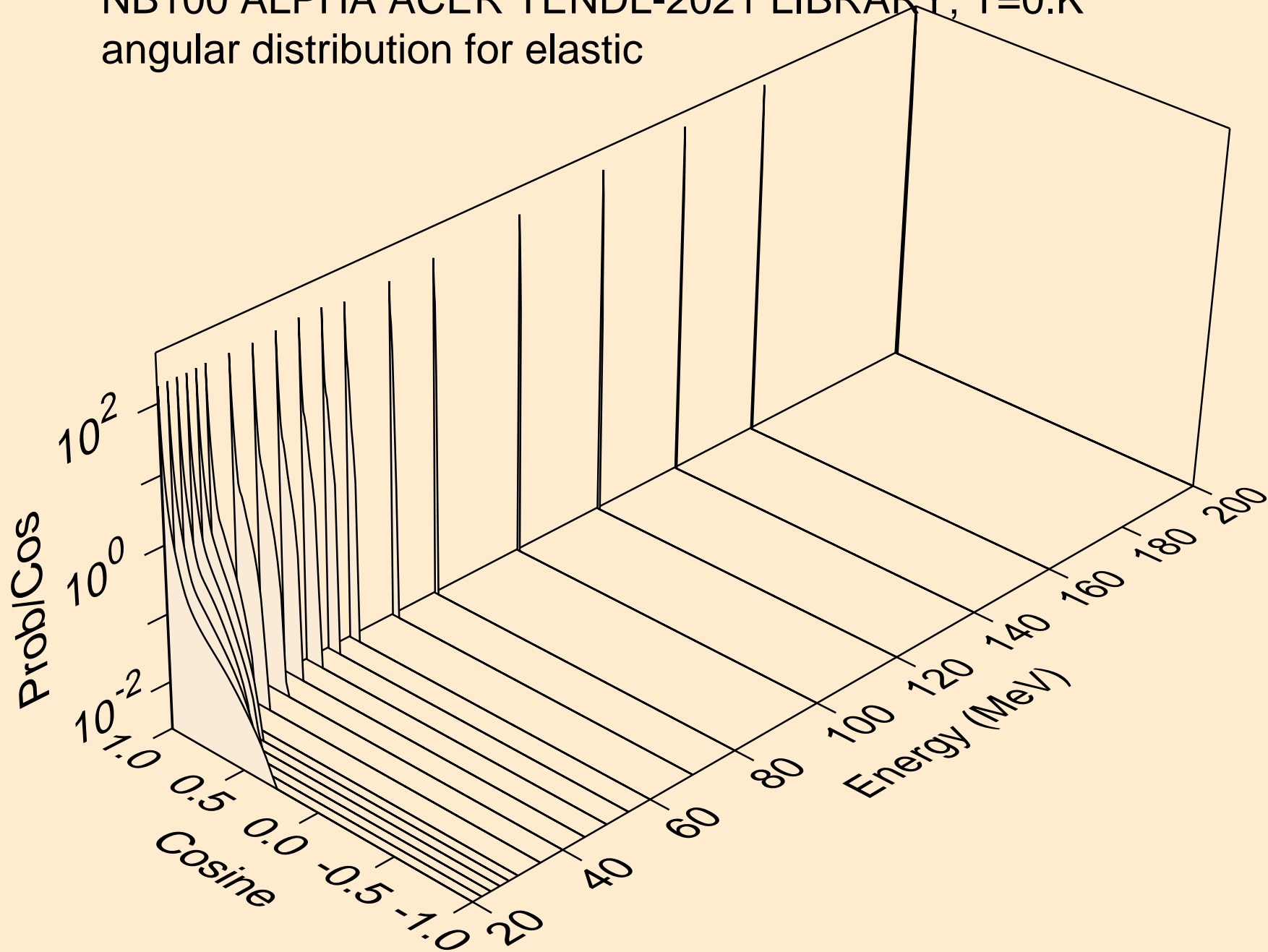


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angular distribution for elastic

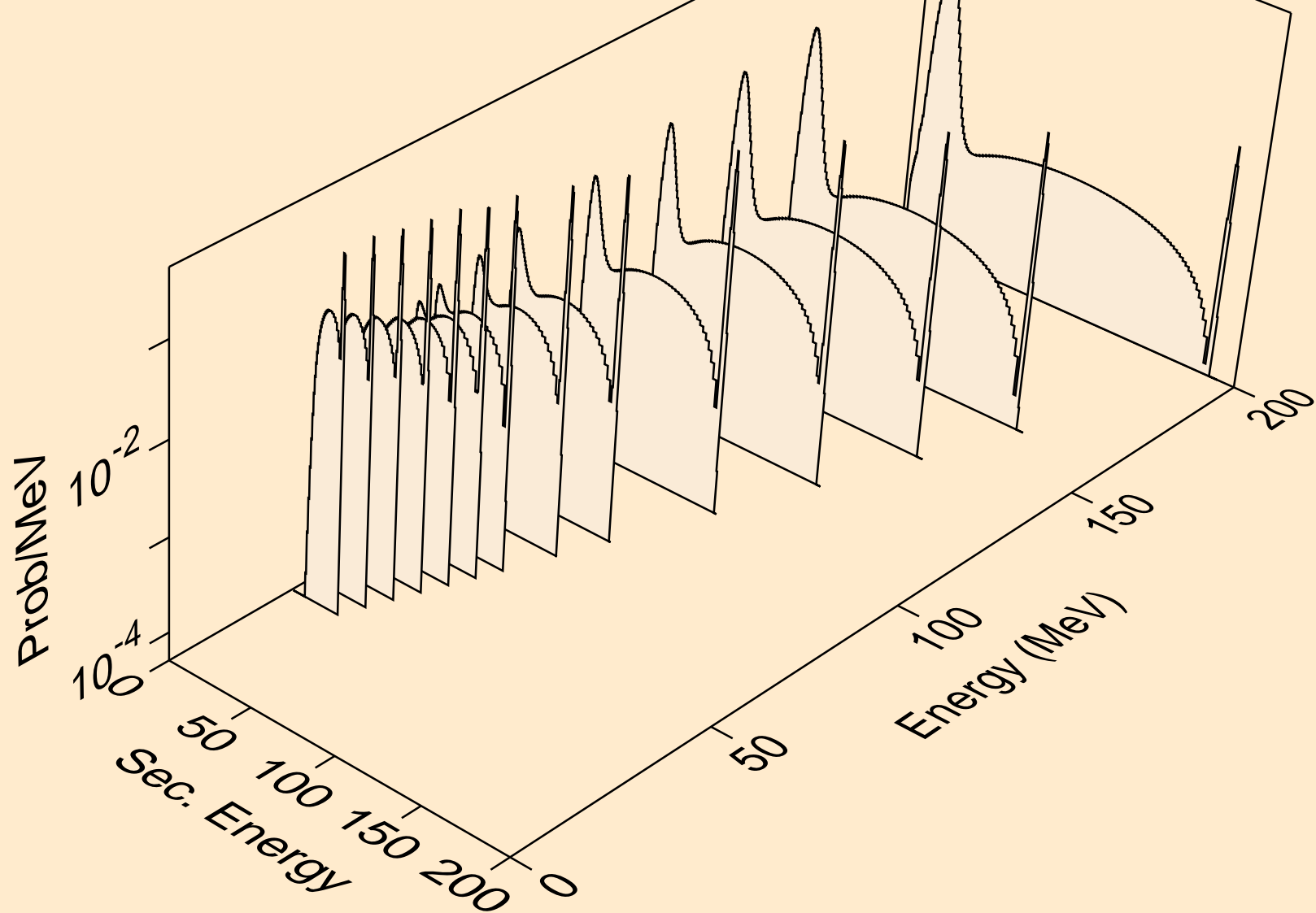




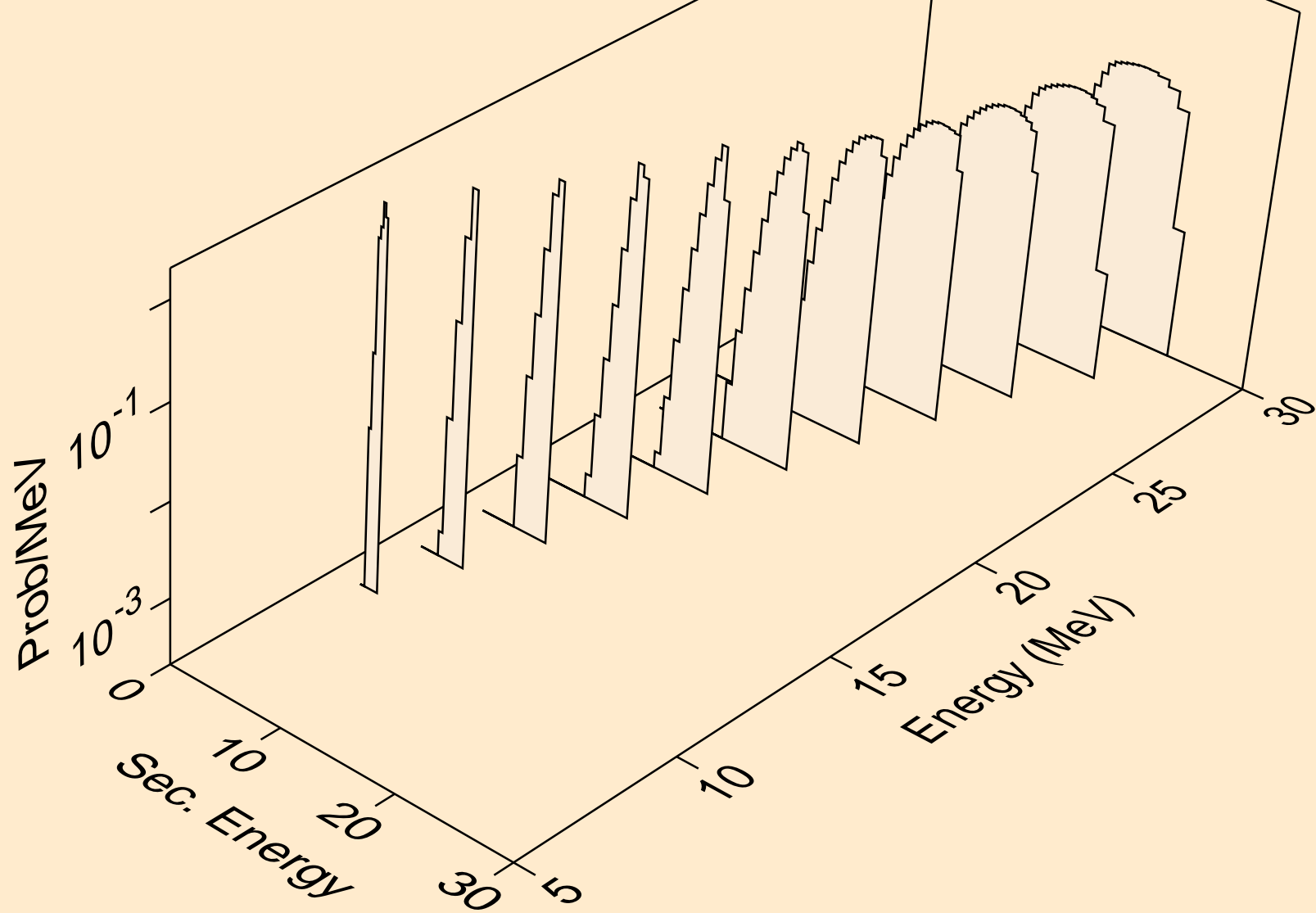
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angular distribution for elastic



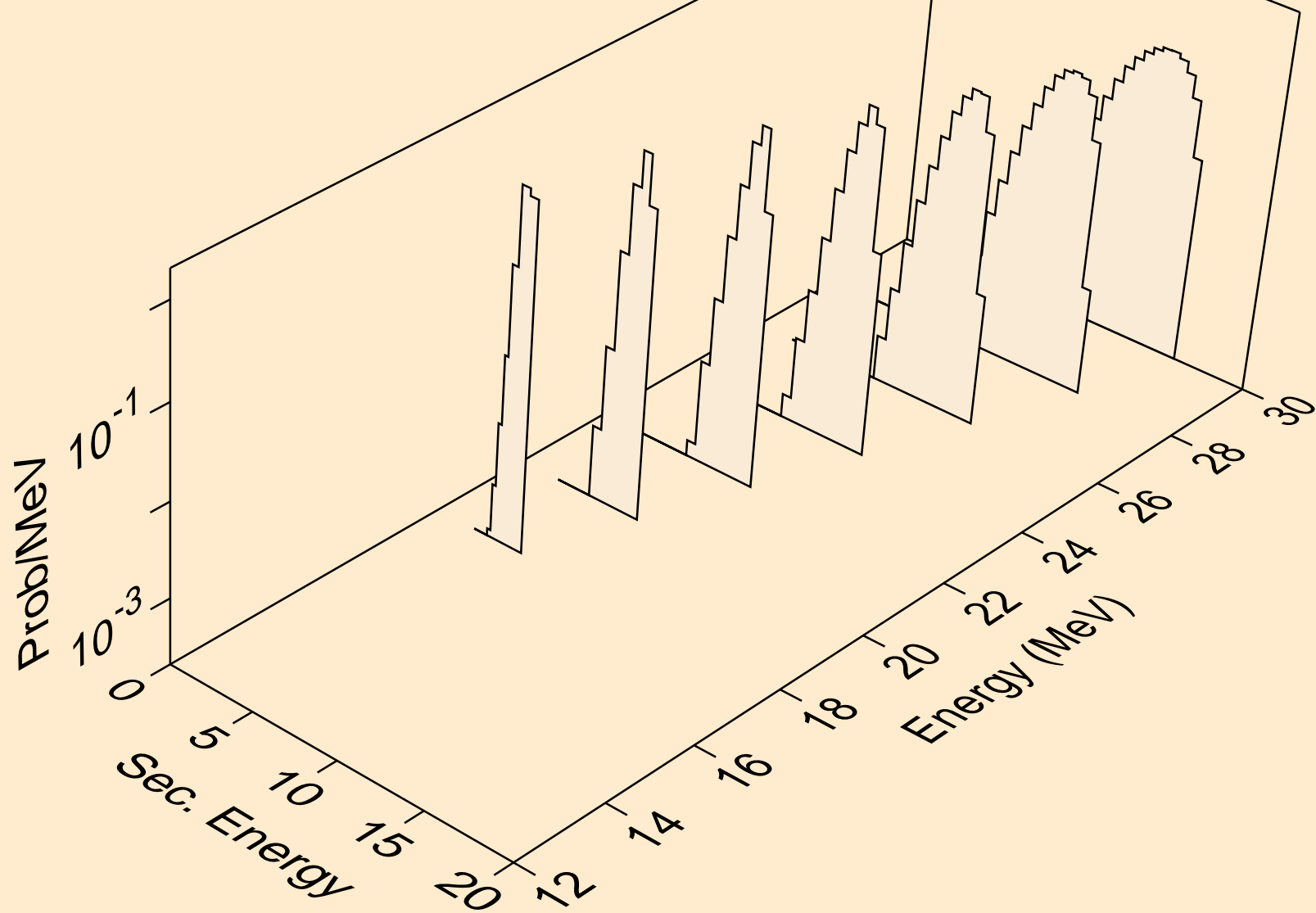
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



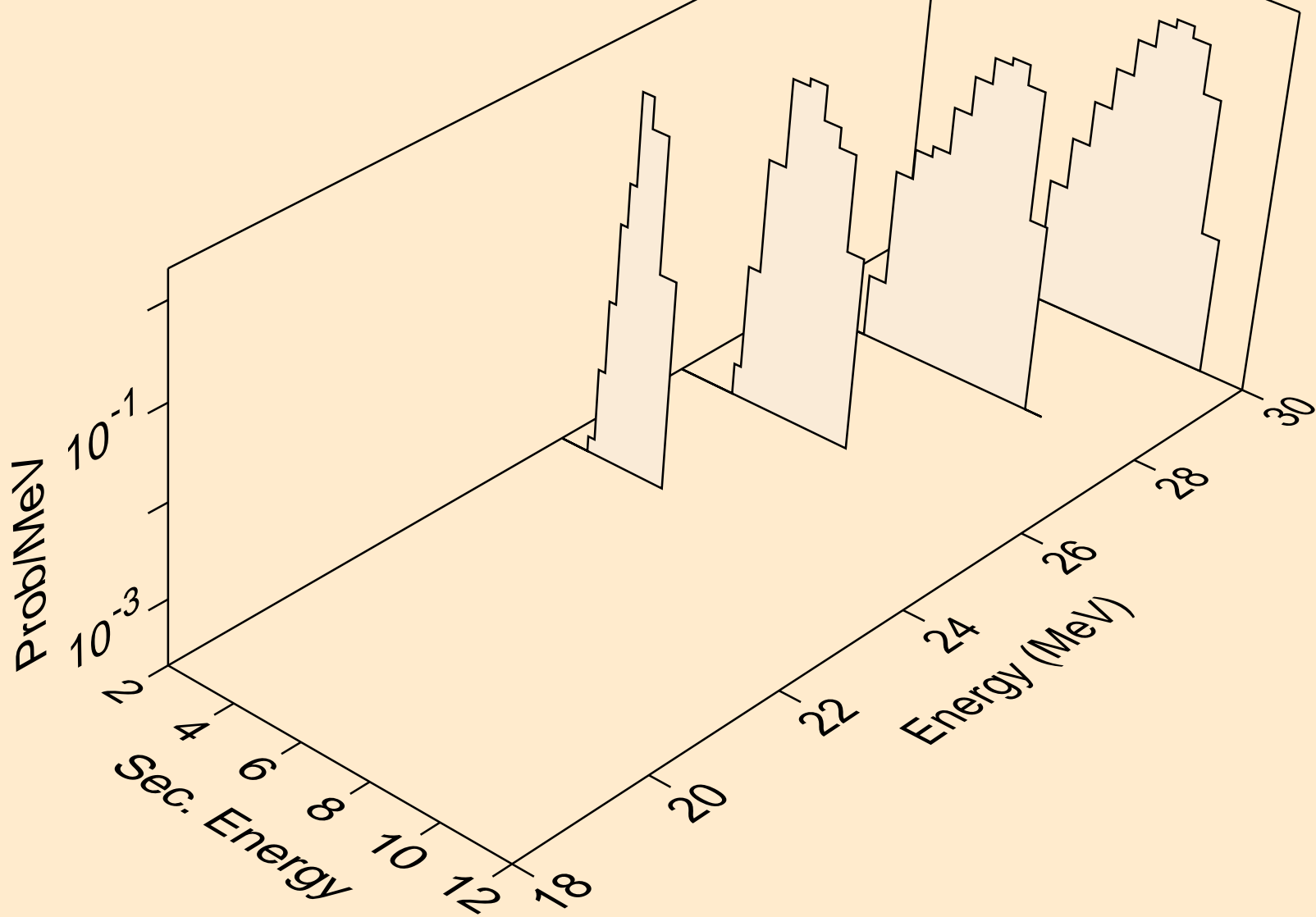
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



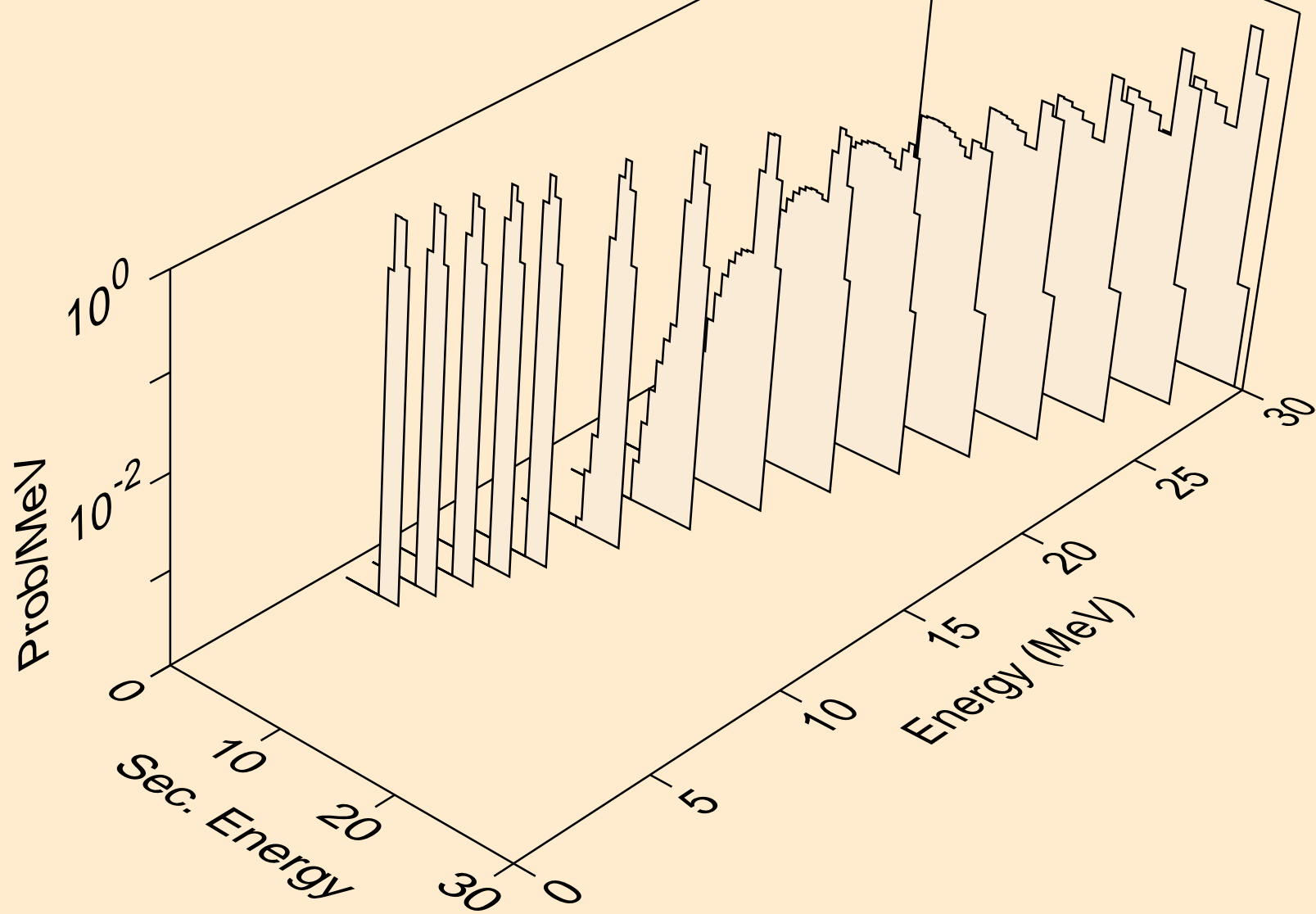
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Alpha emission for (a,2n)a



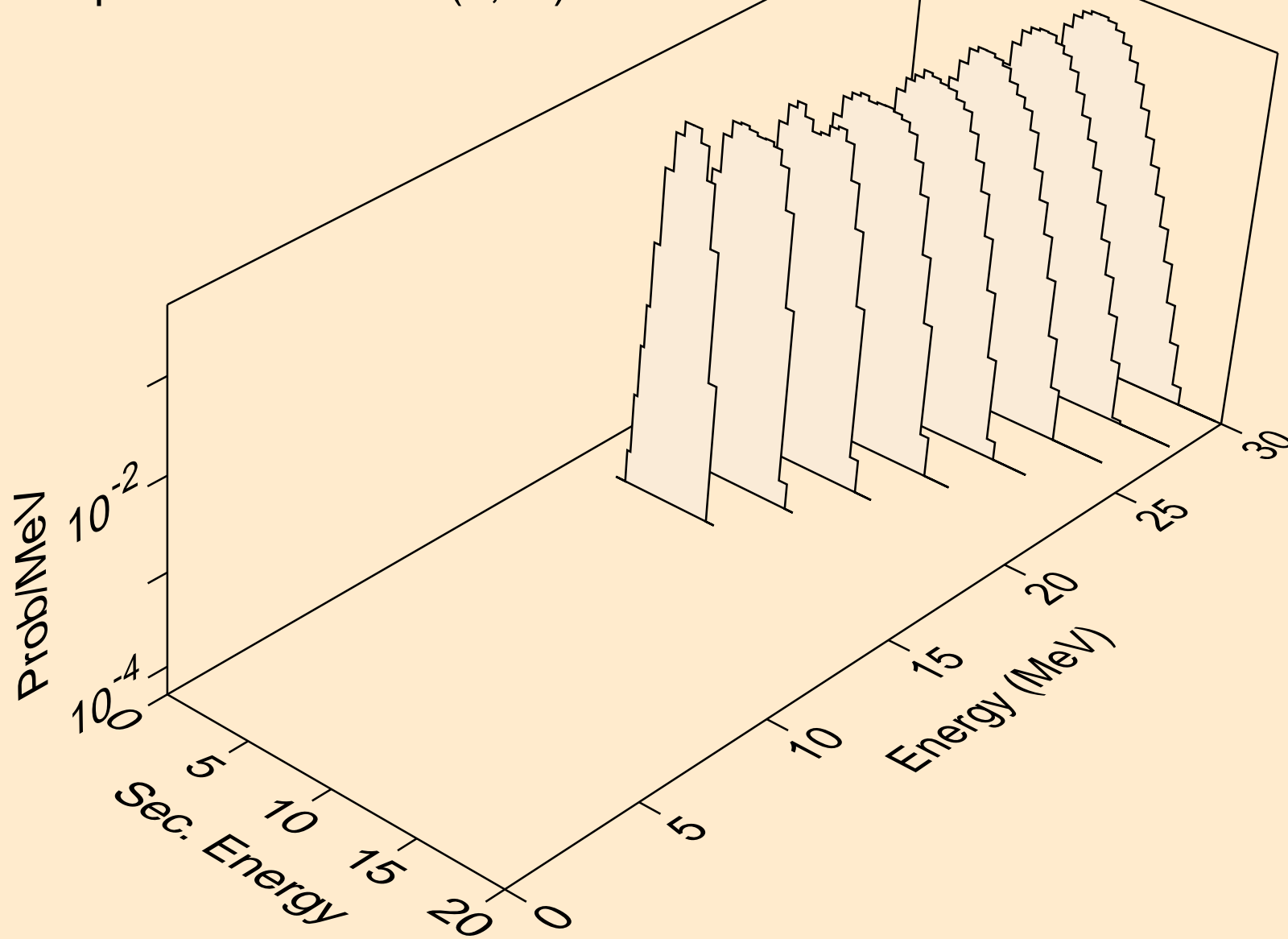
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Alpha emission for (a,3n)a



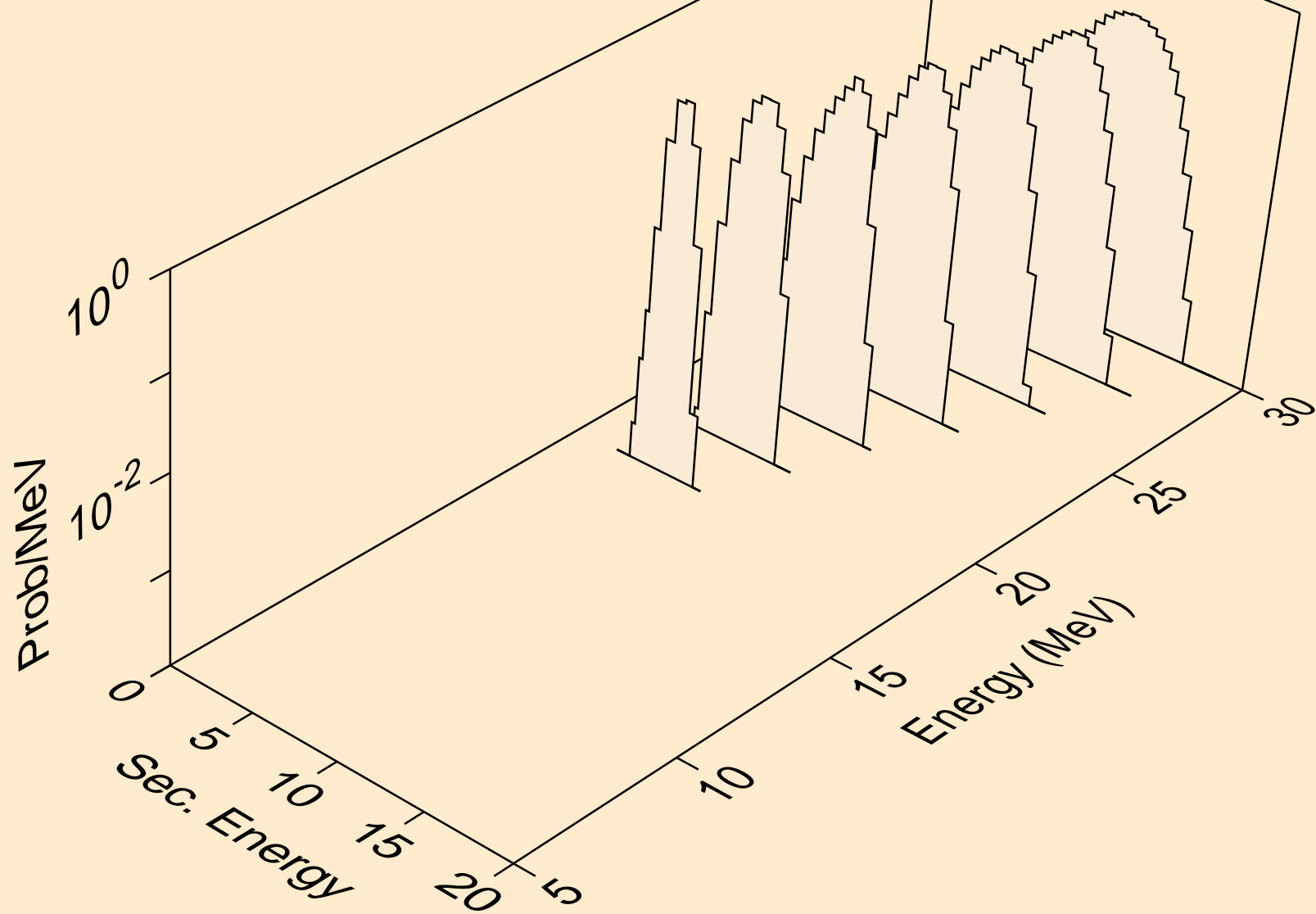
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)

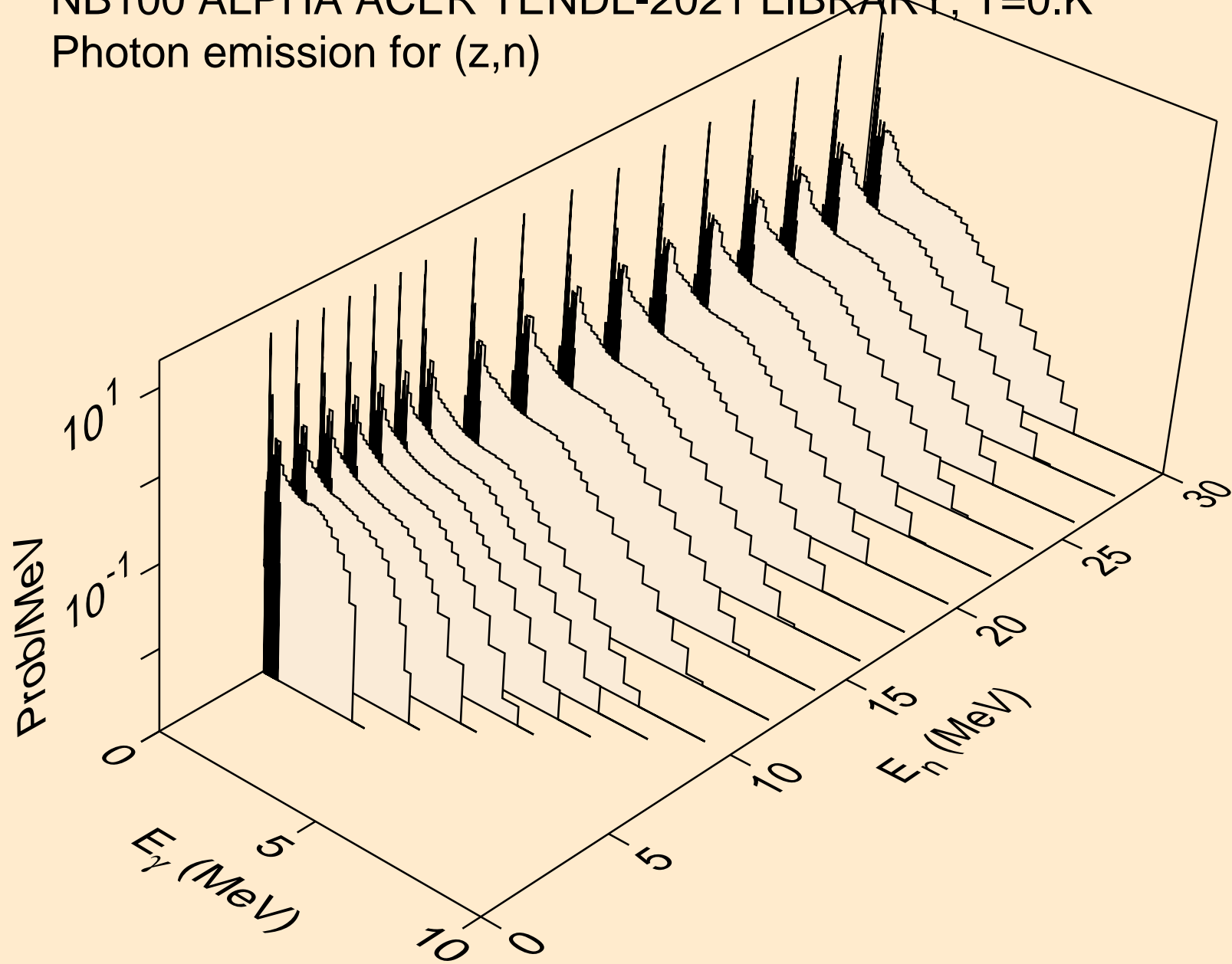


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Alpha emission for (a,pa)

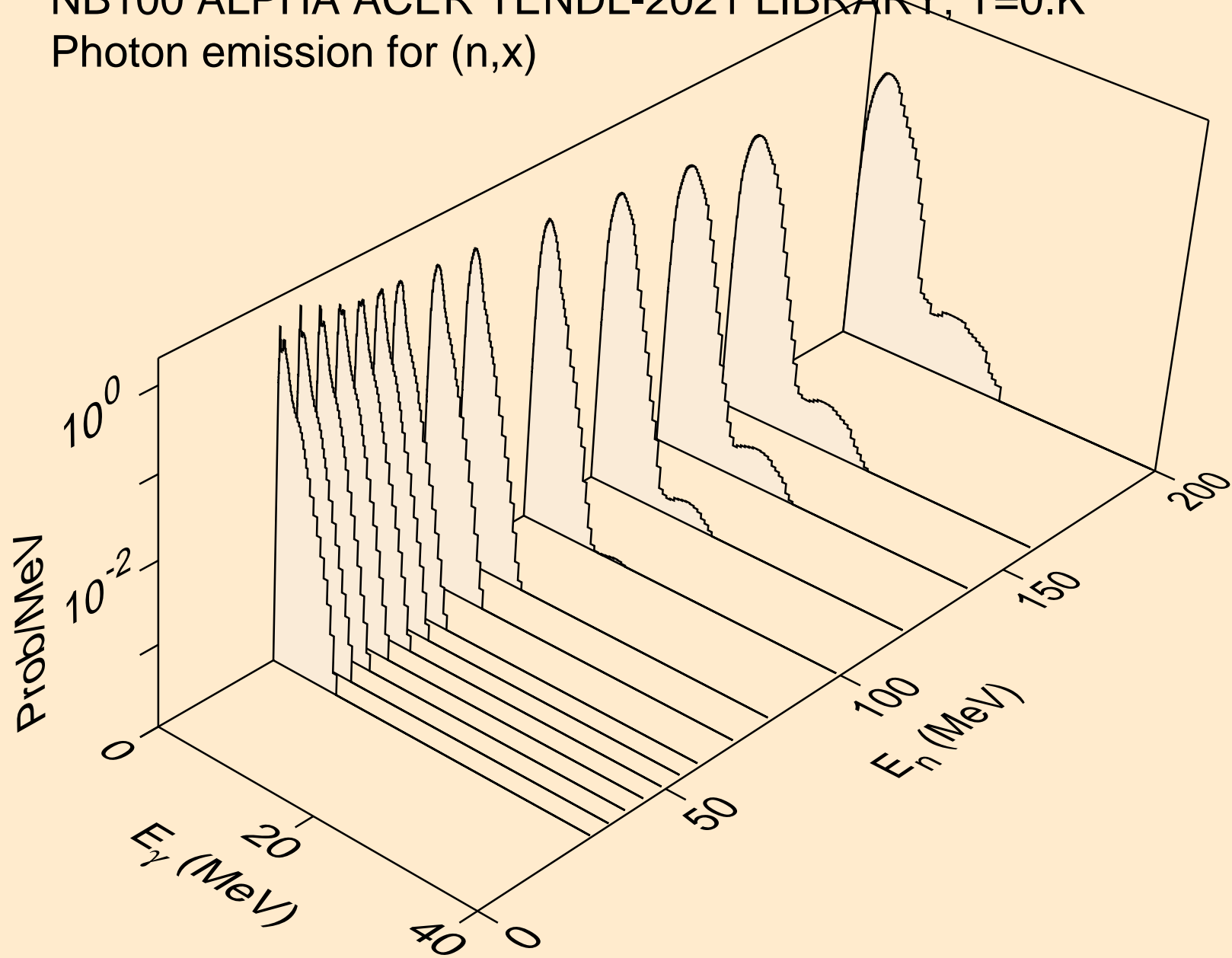




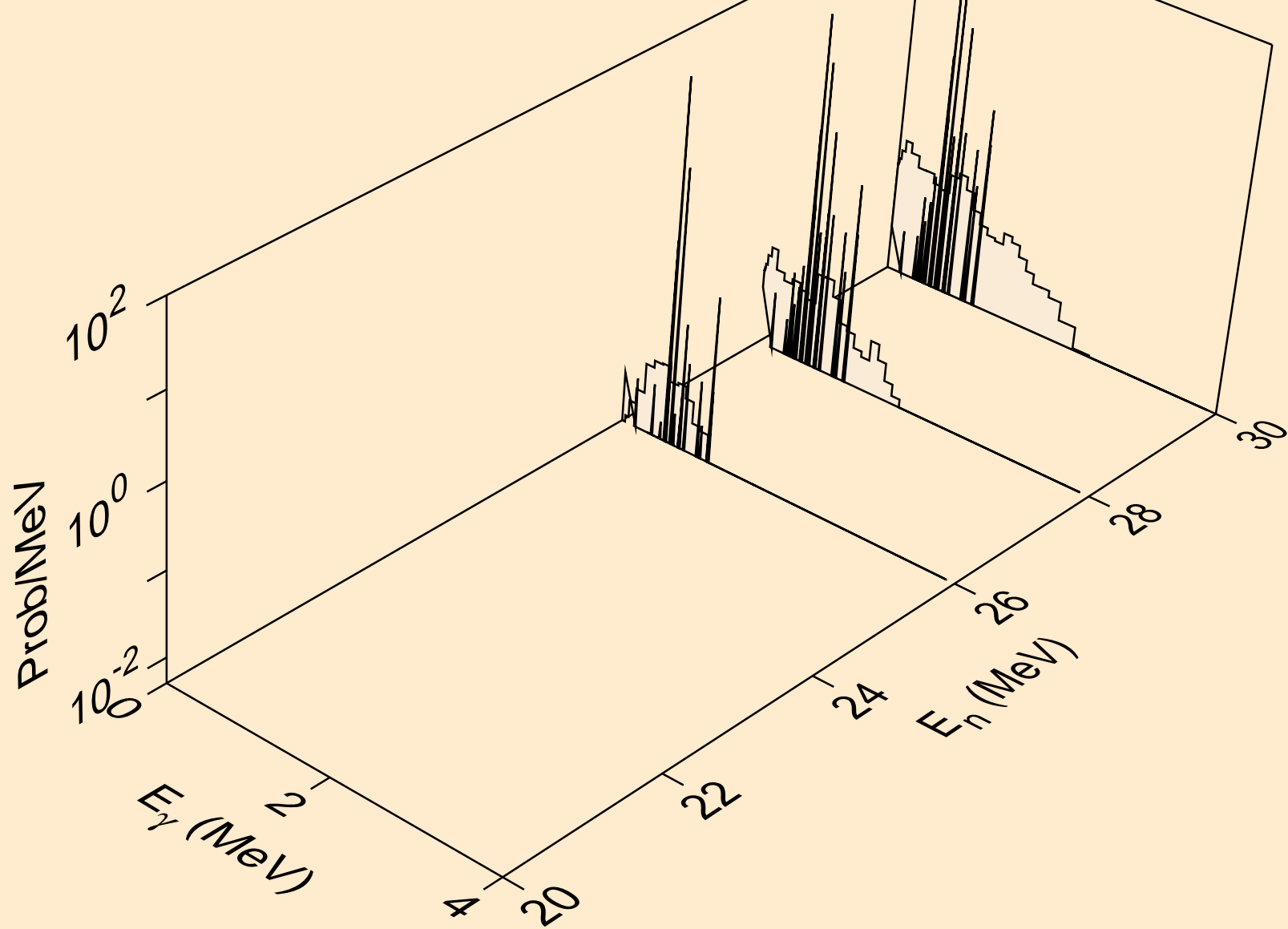
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Photon emission for (z,n)



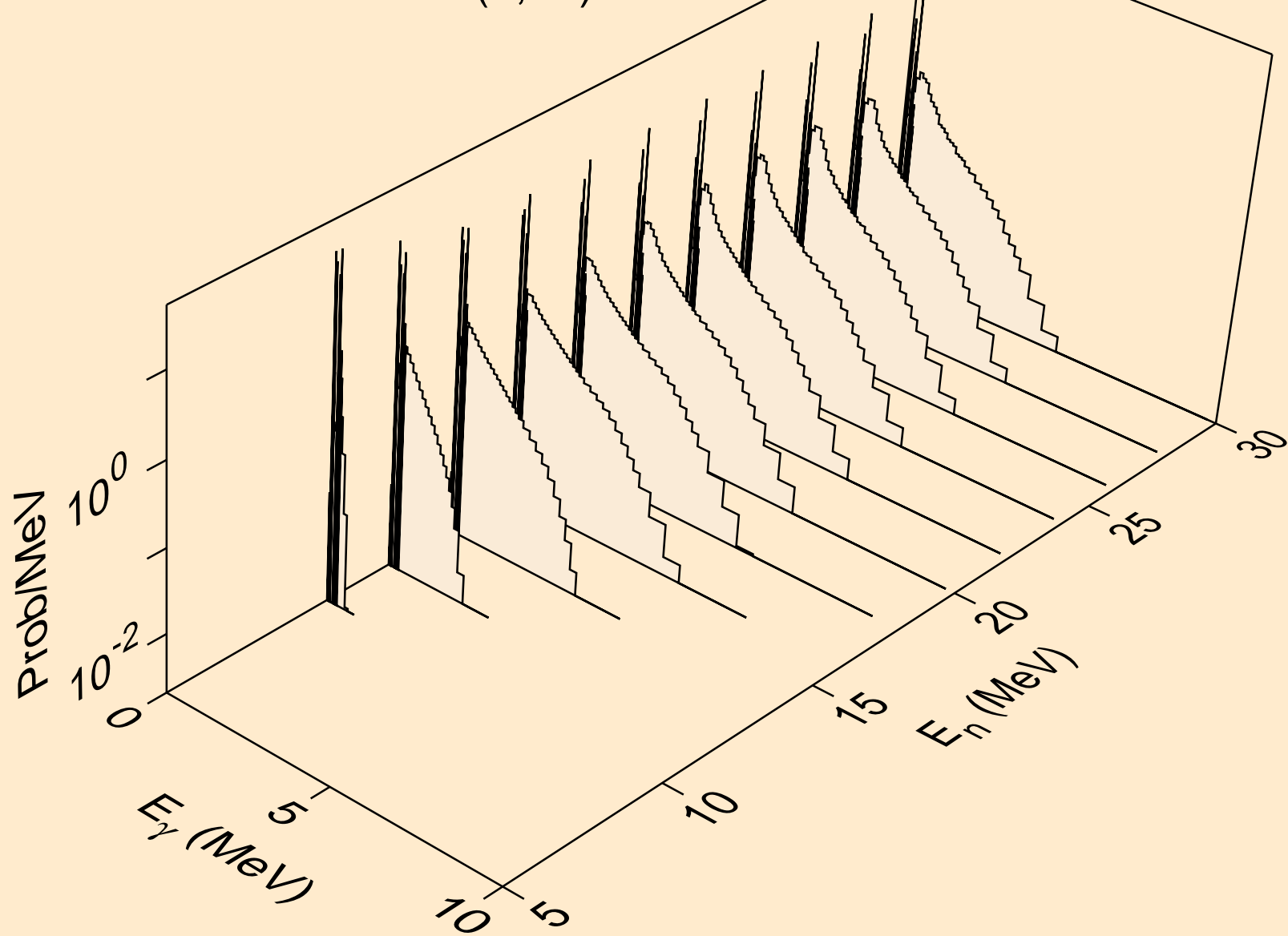
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Photon emission for (n,x)



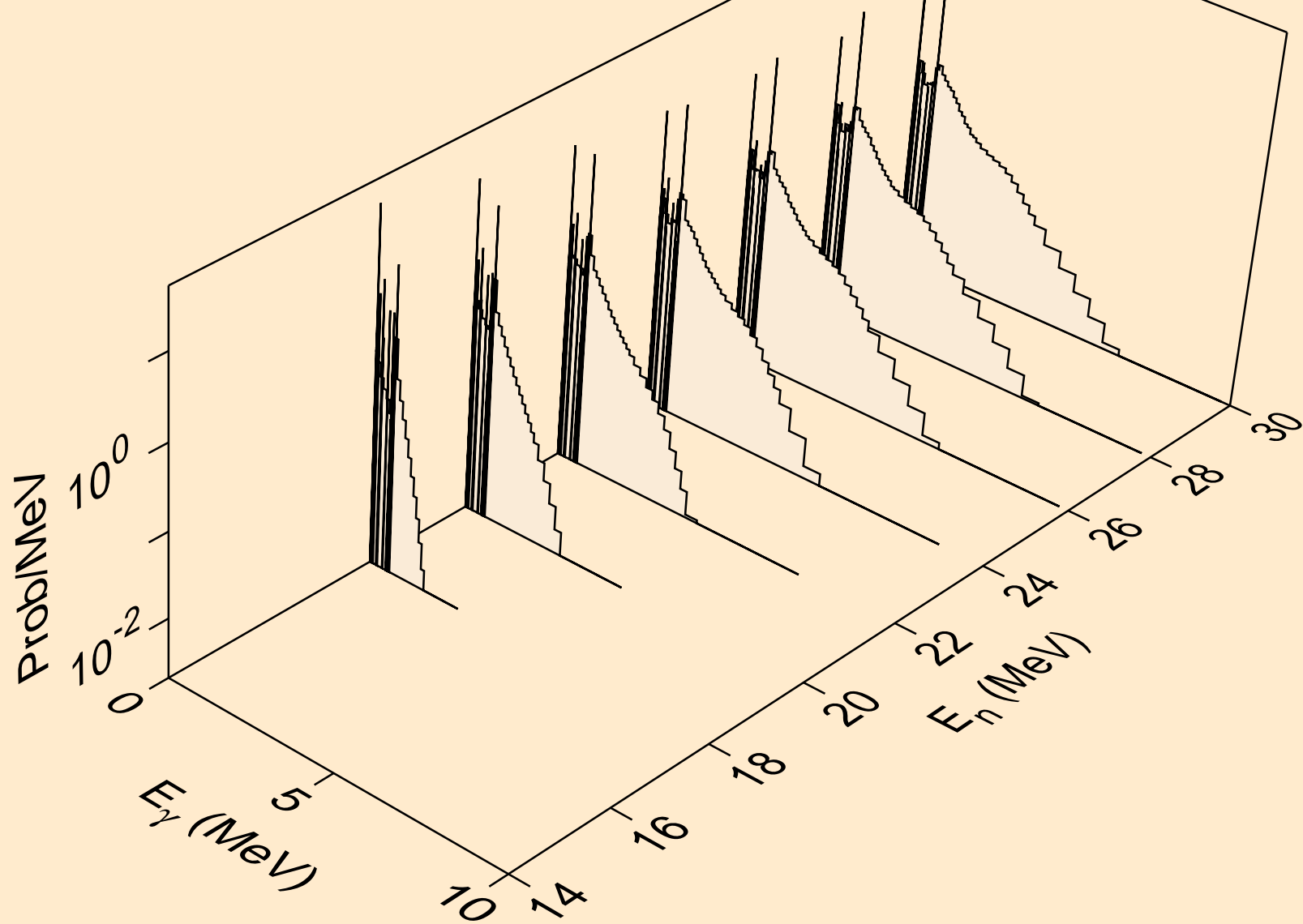
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Photon emission for (n,2nd)



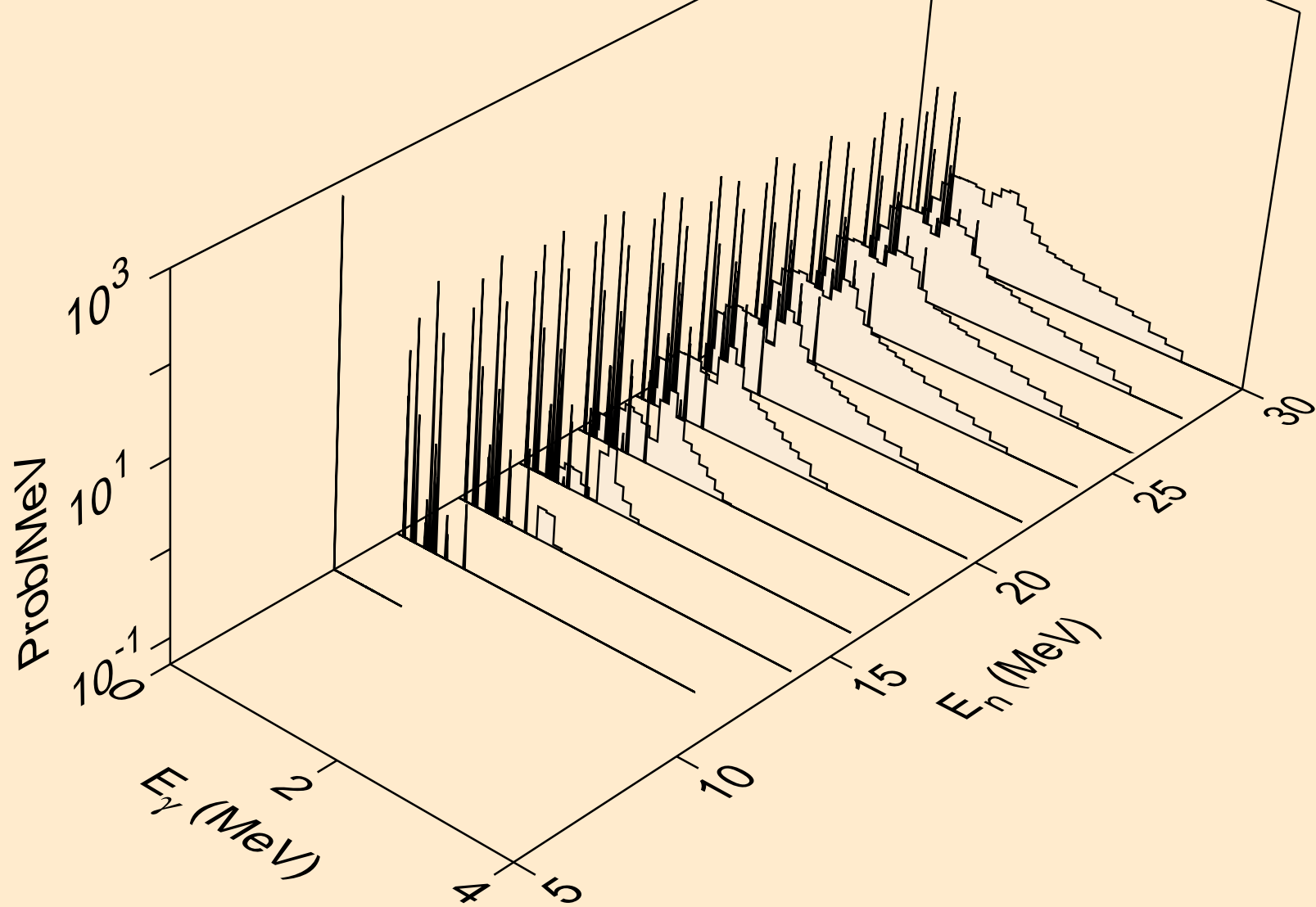
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Photon emission for (n,2n)



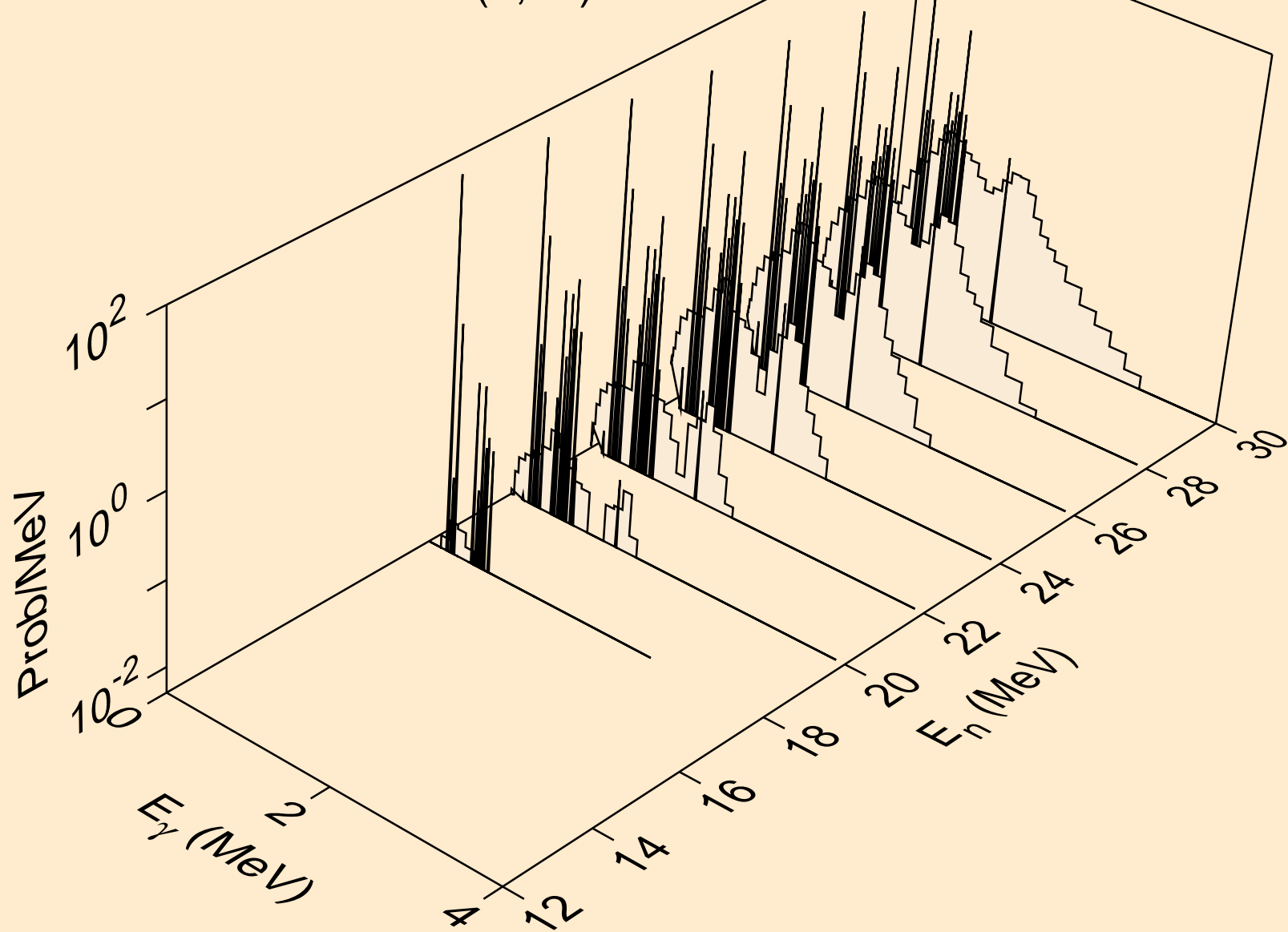
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Photon emission for (n,3n)



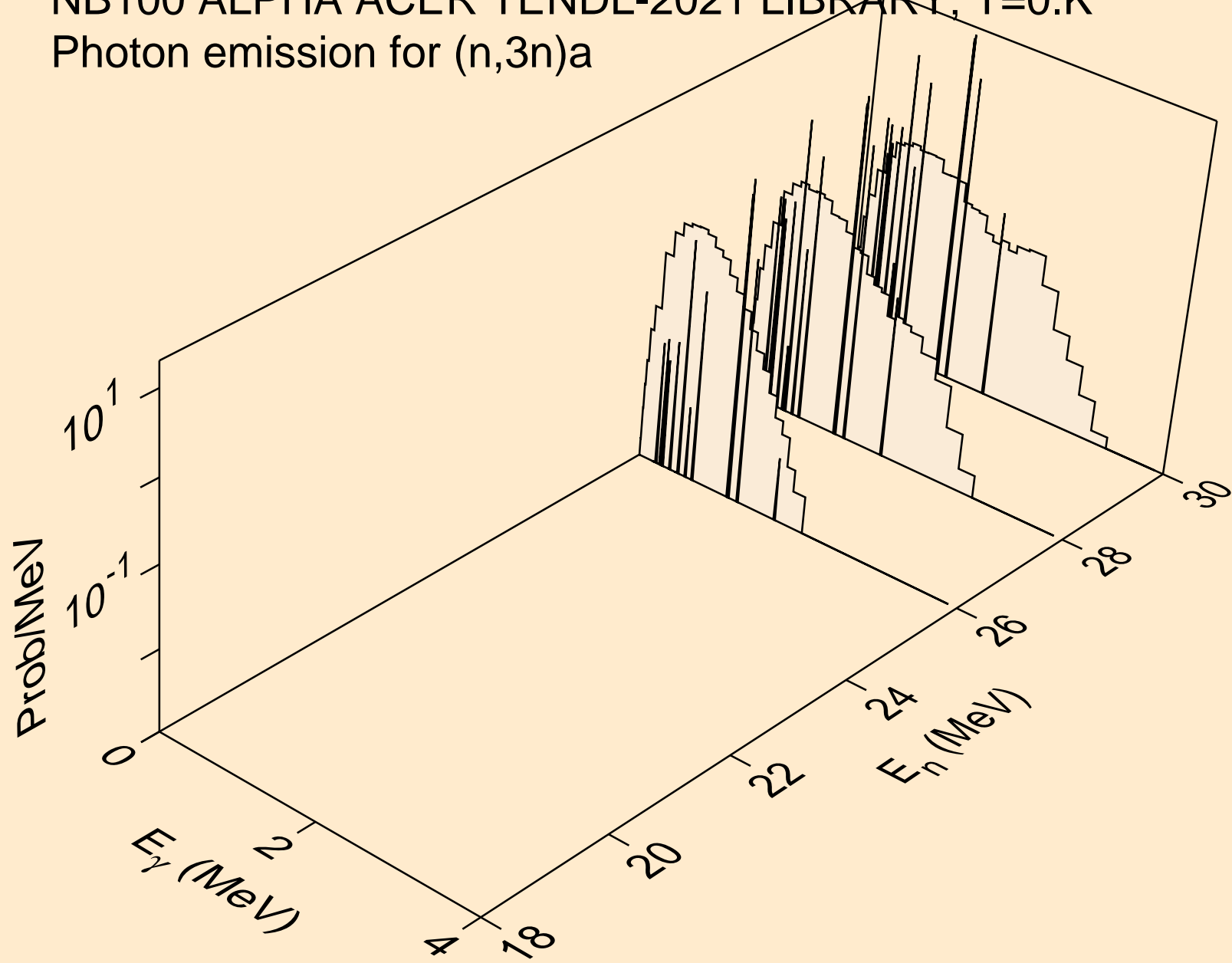
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

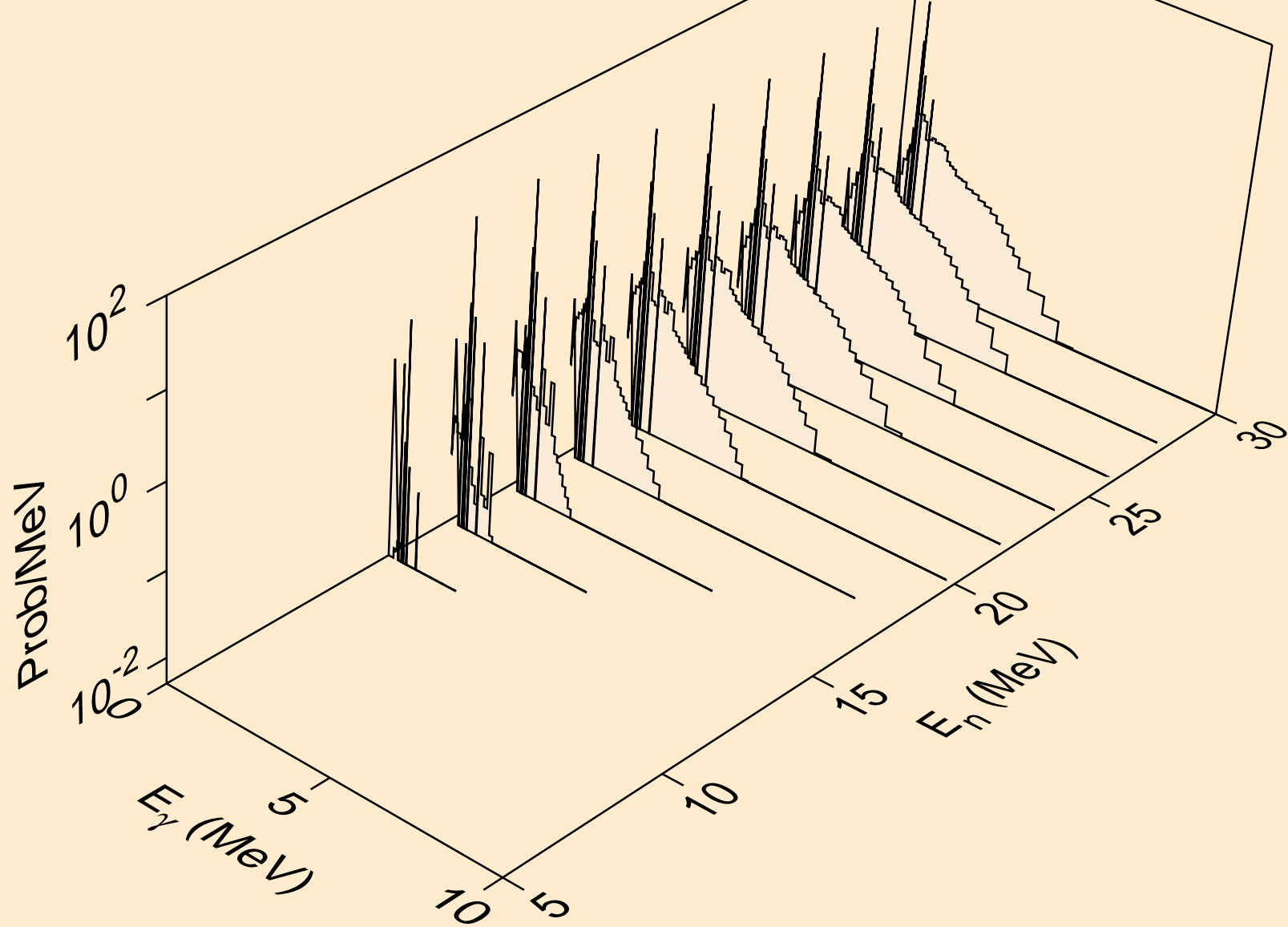


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Photon emission for (n,3n)a

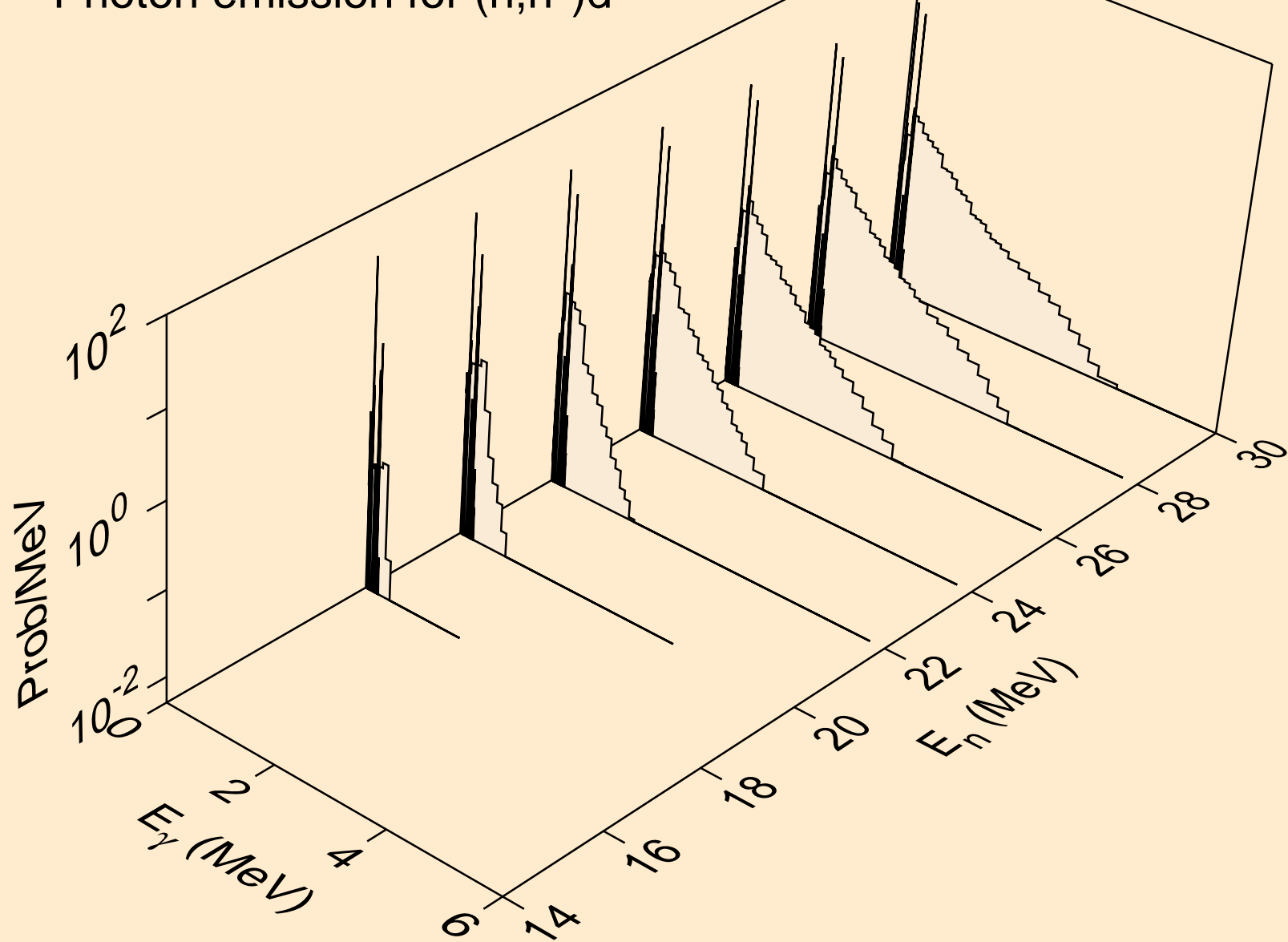




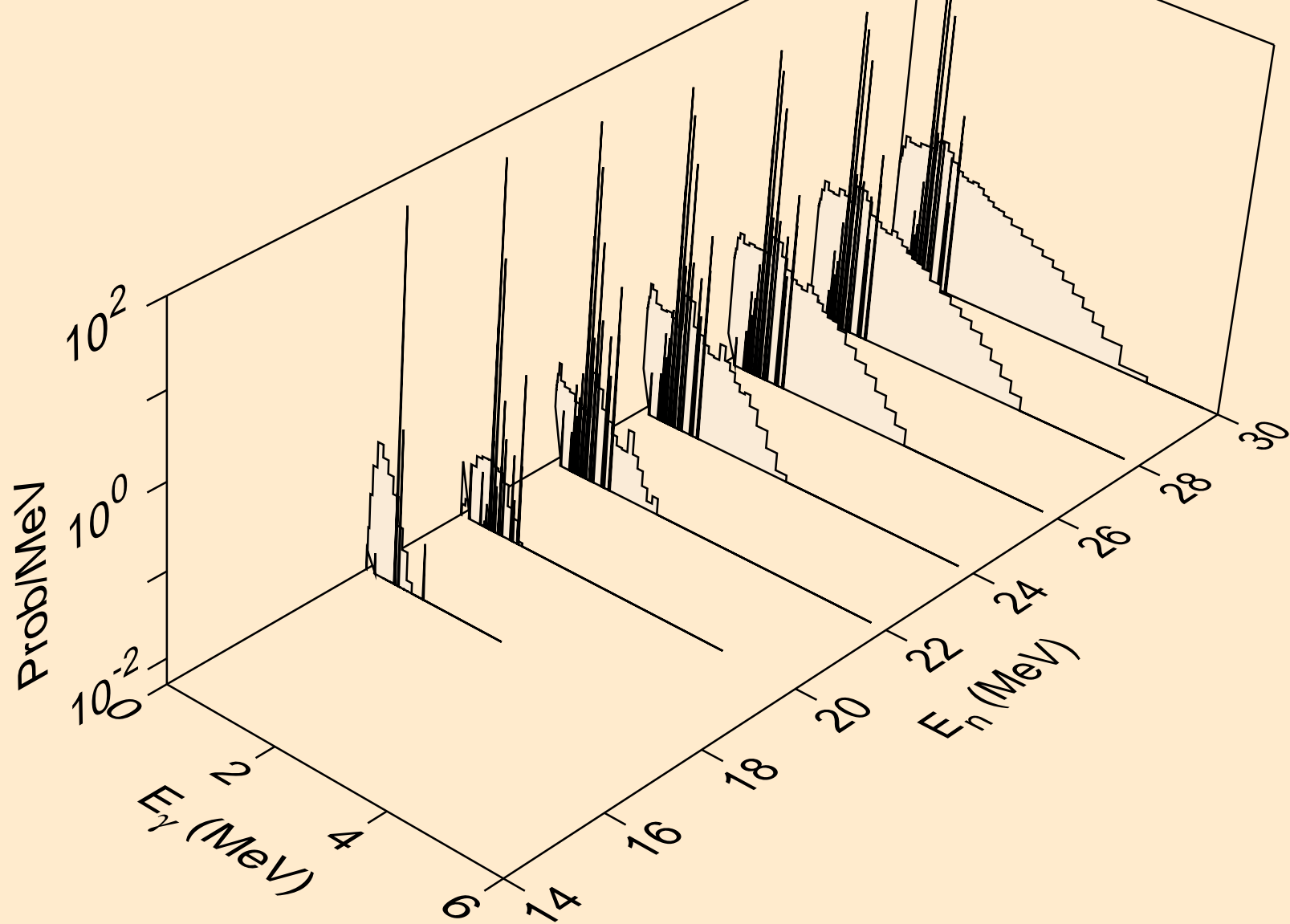
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



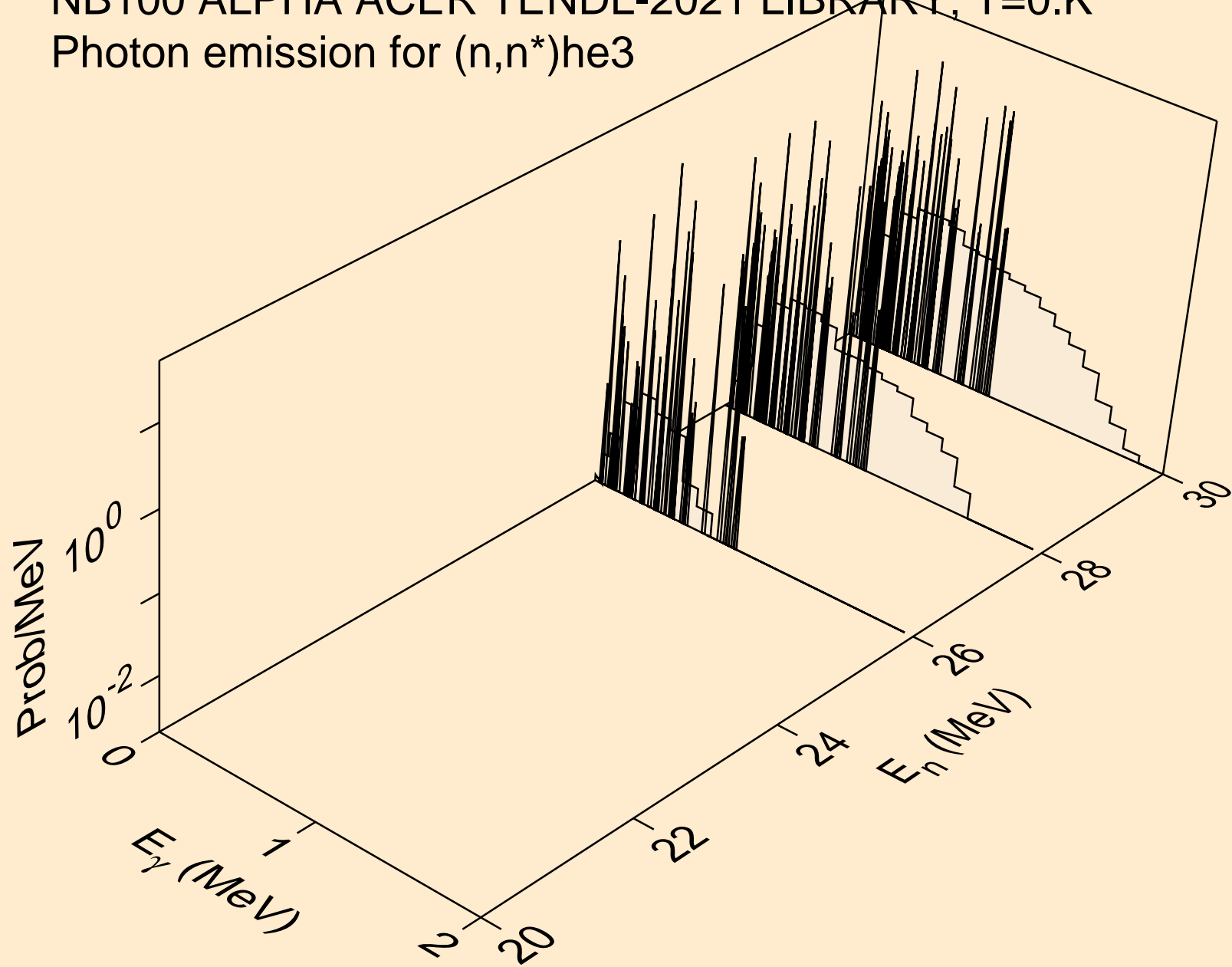
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Photon emission for (n,n\*)d



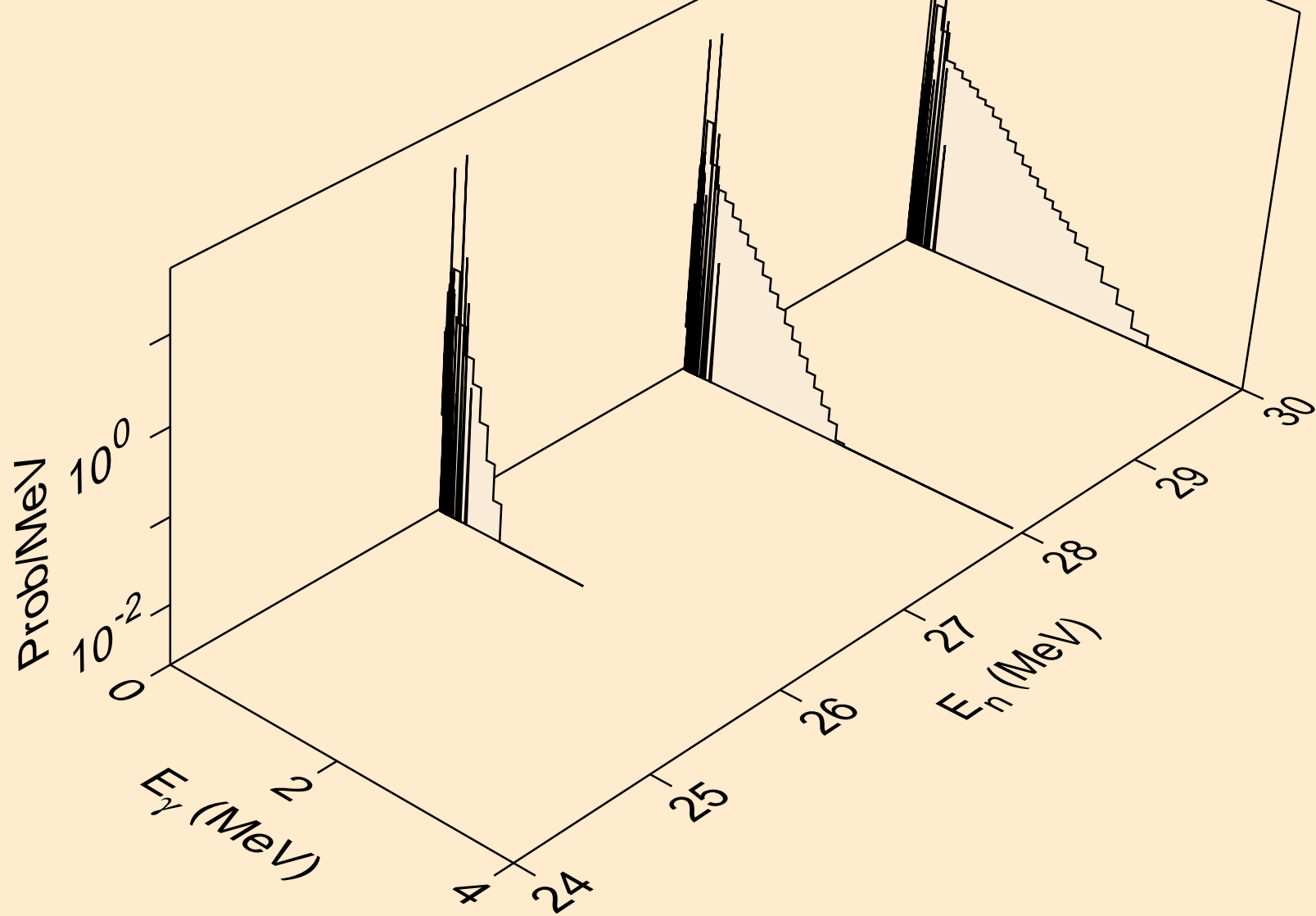
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



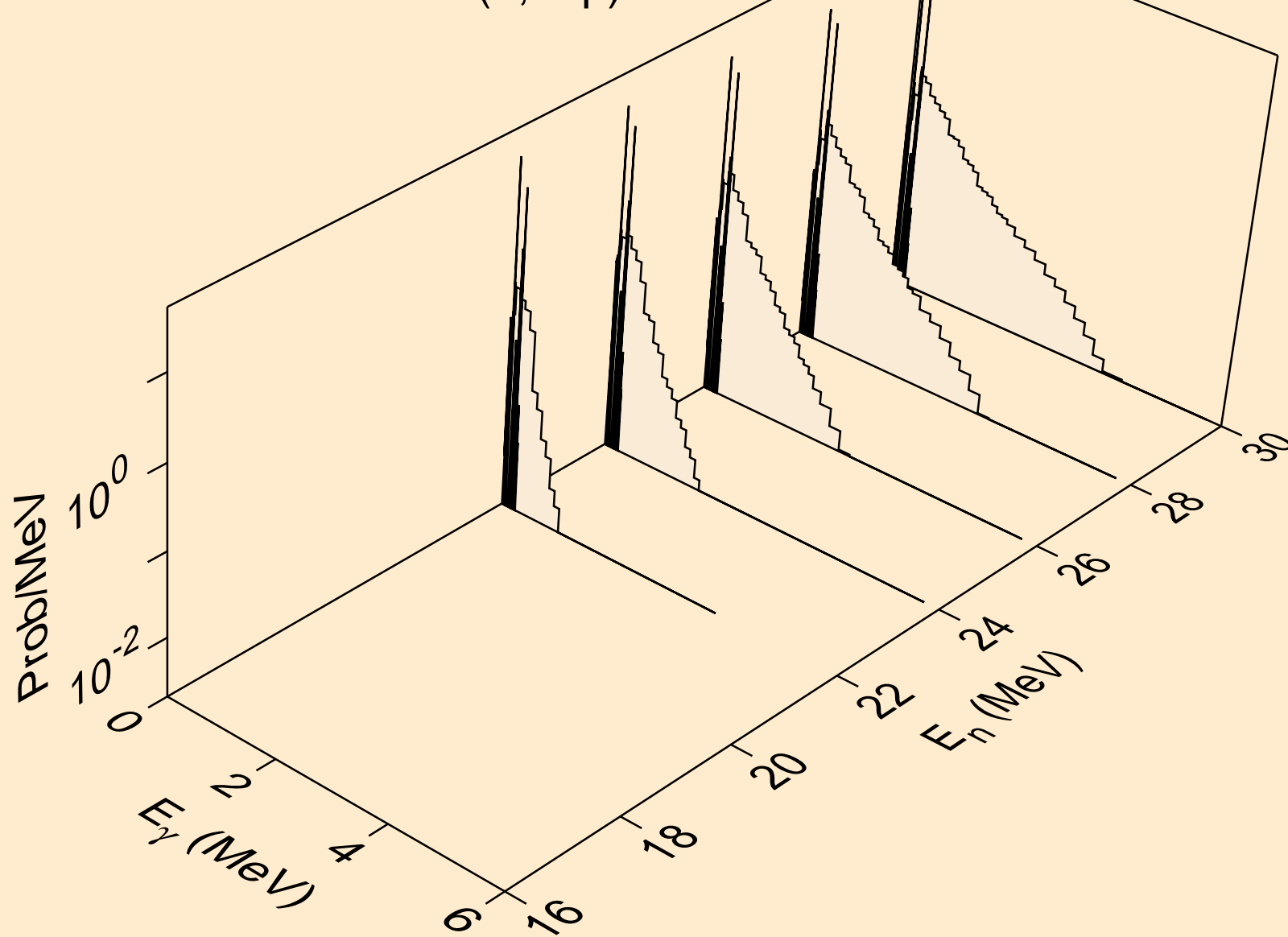
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



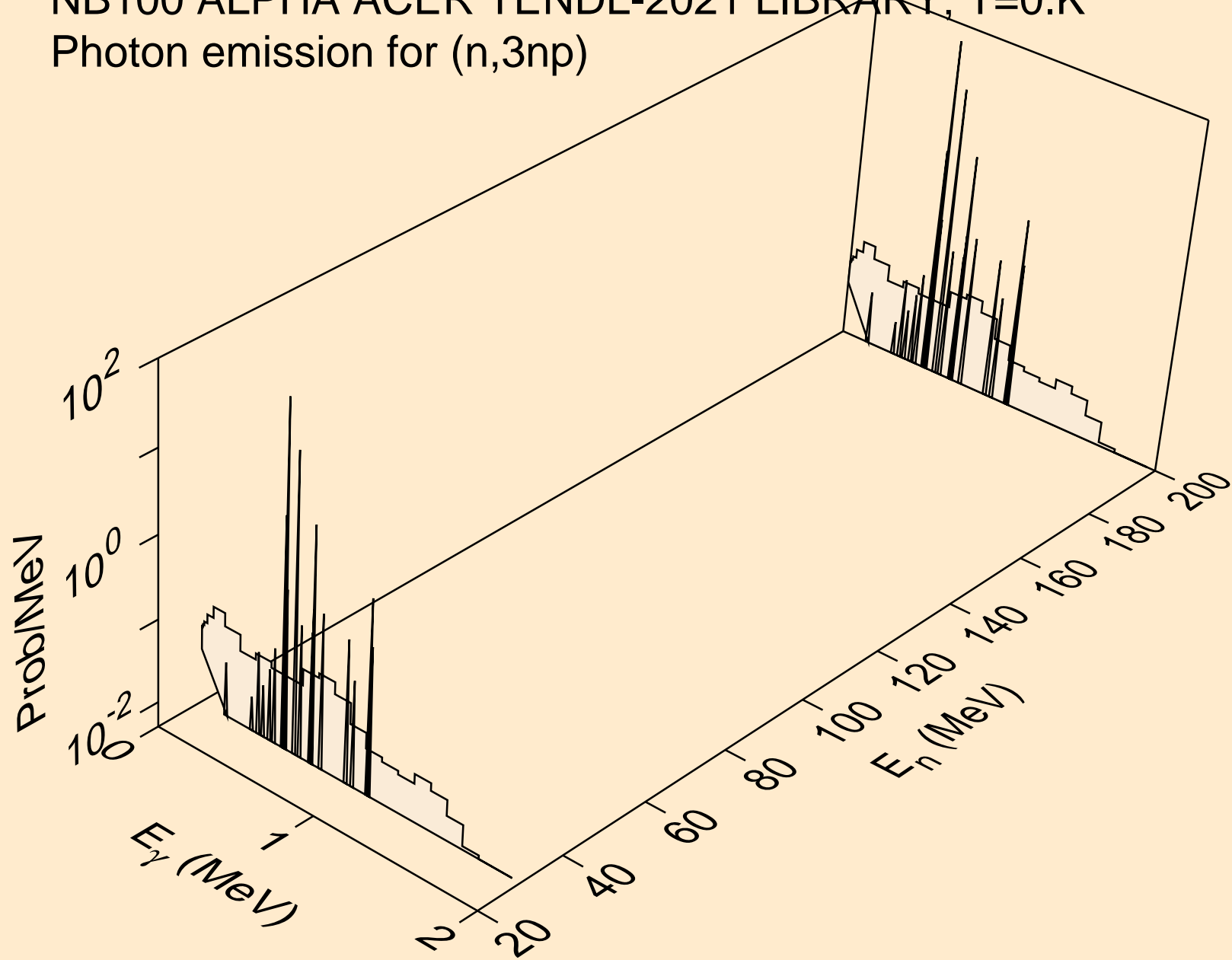
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Photon emission for (n,4n)



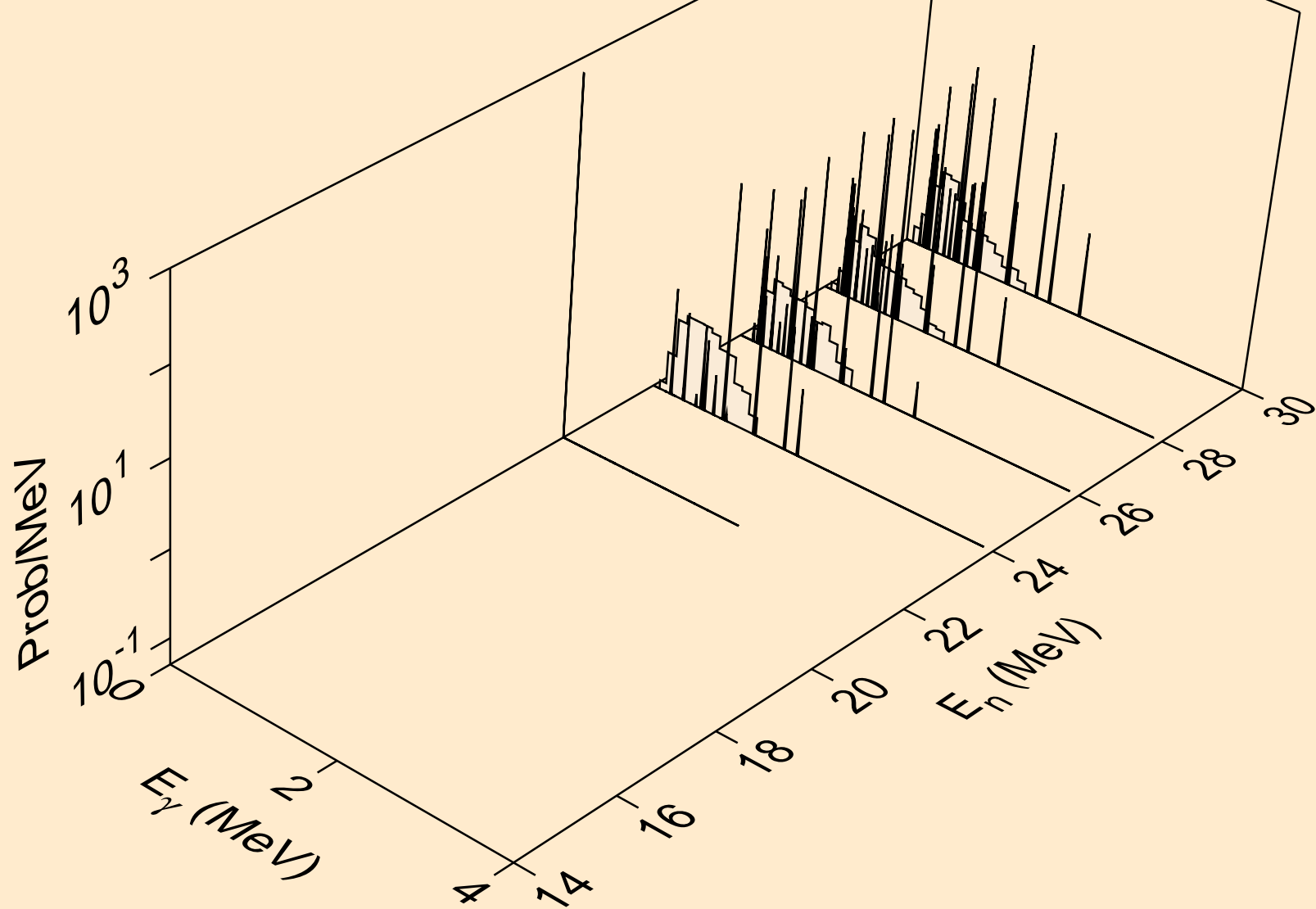
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

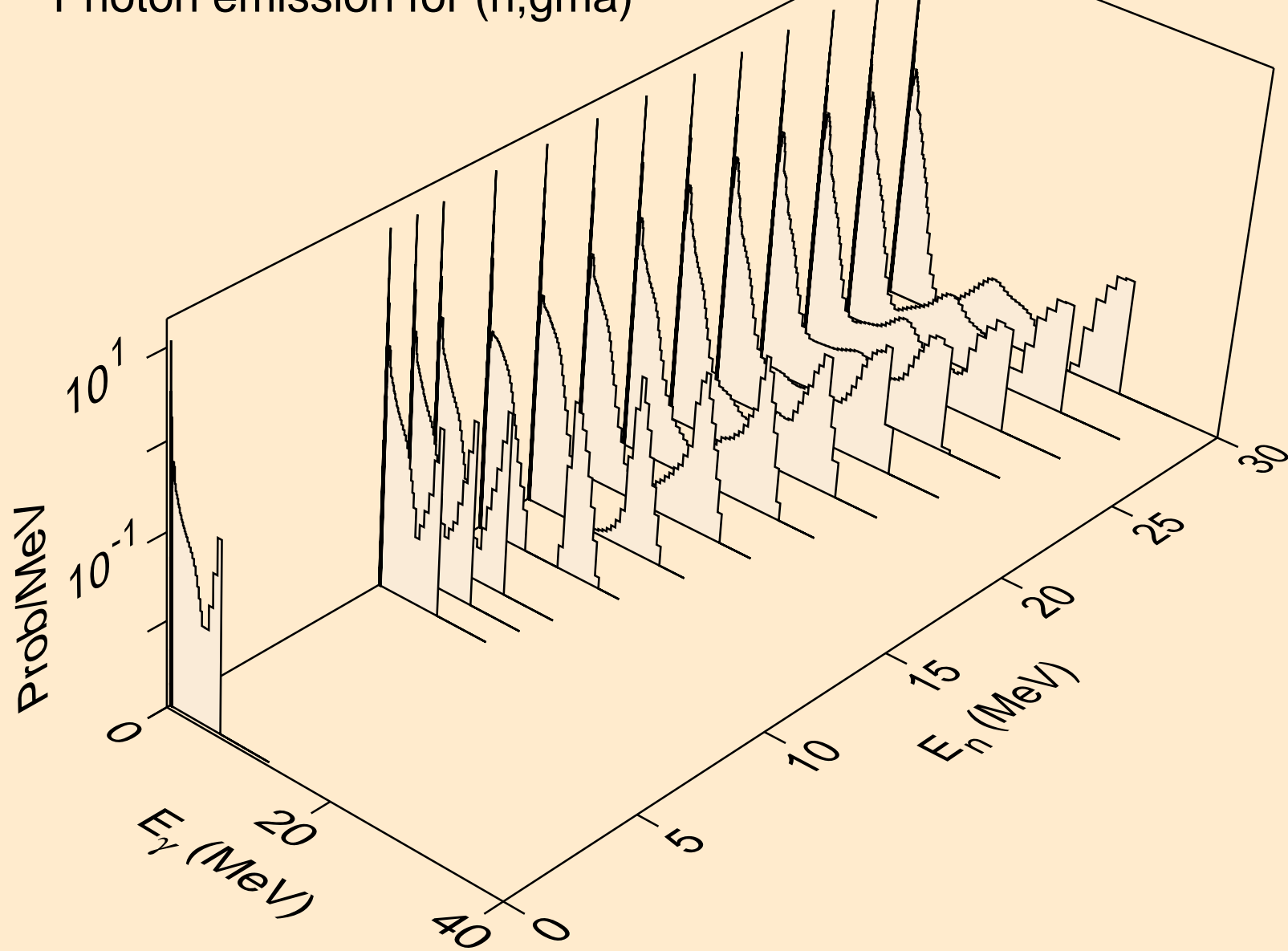


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Photon emission for (n,npa)

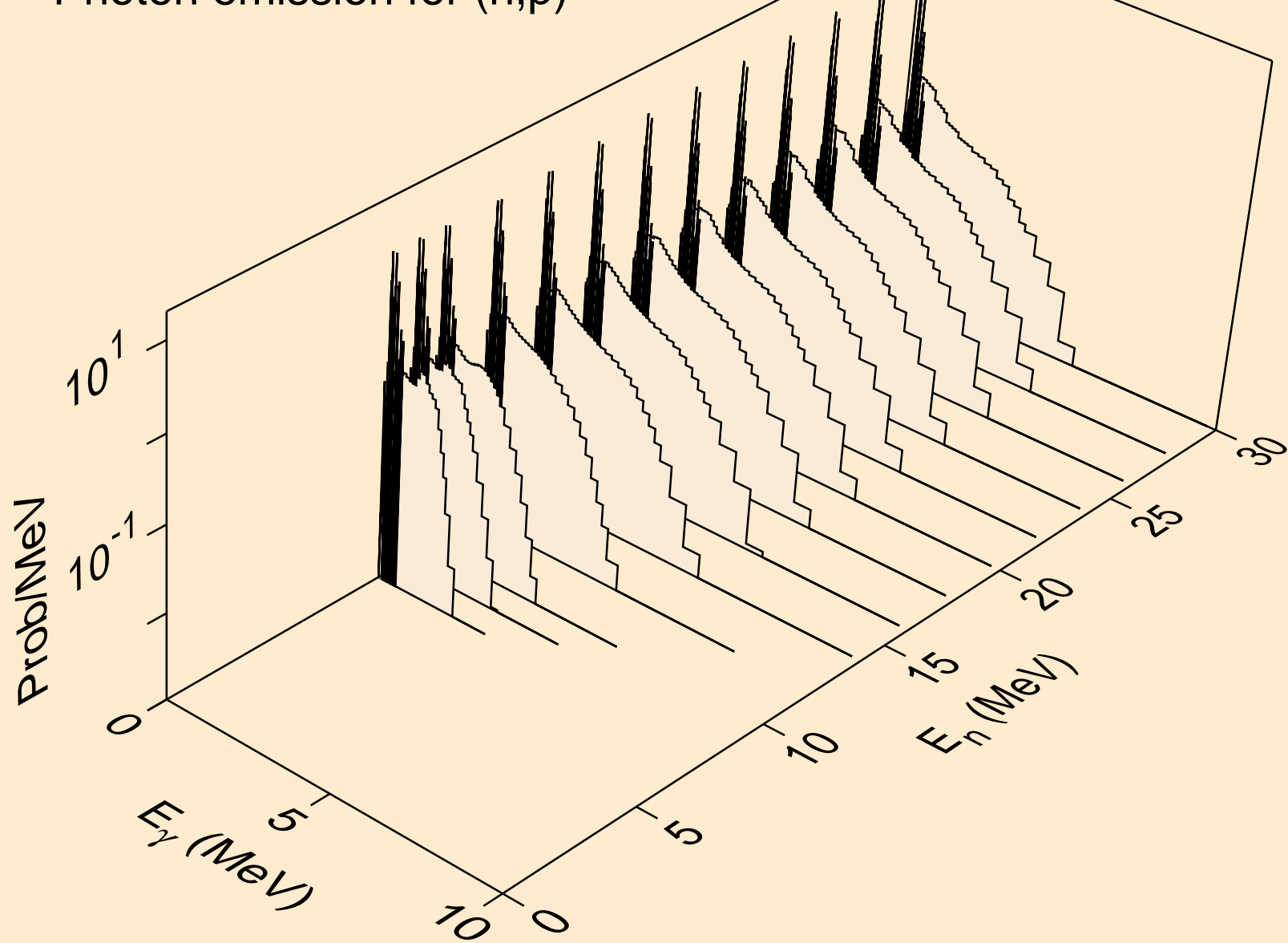




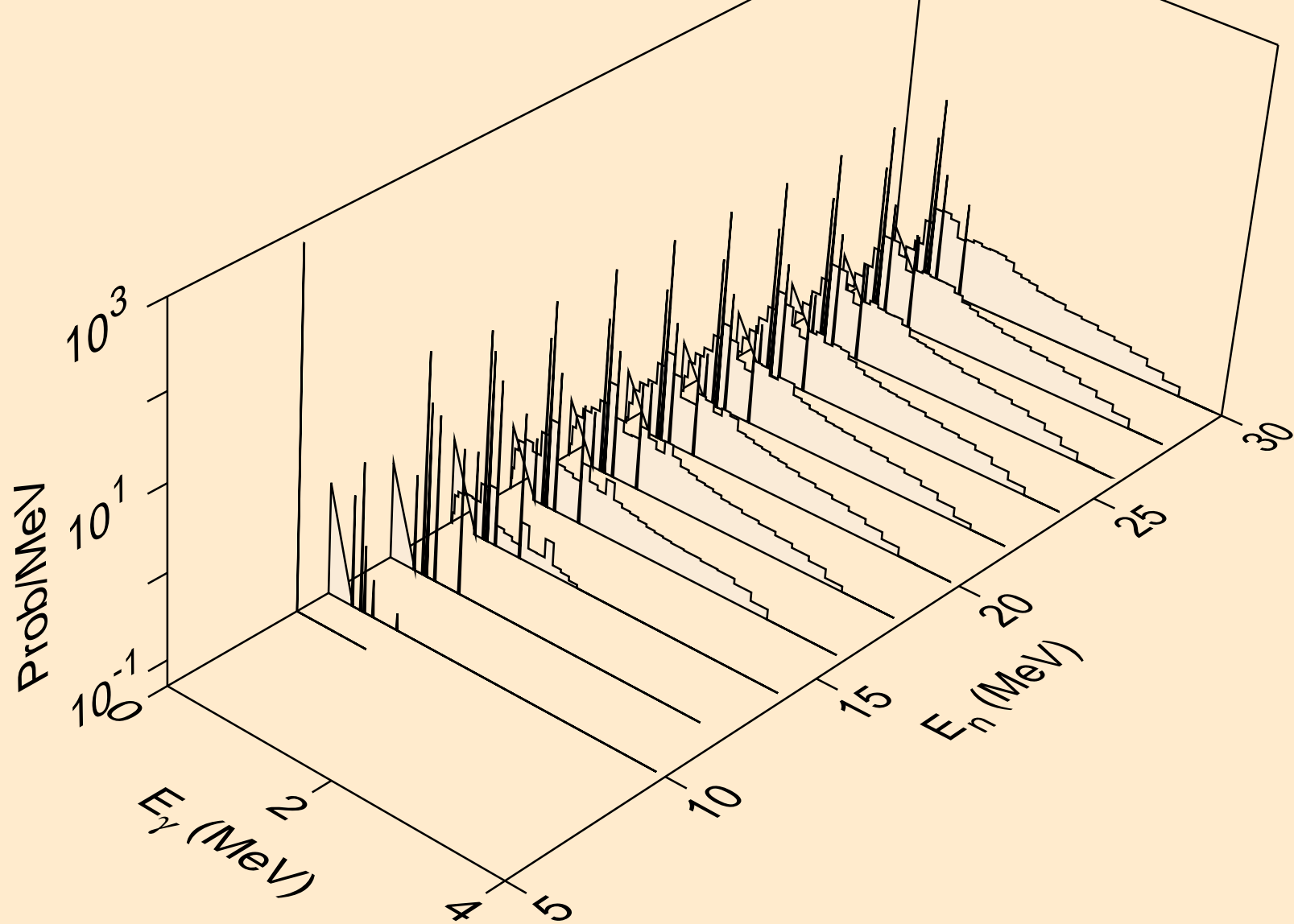
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Photon emission for (n,gma)



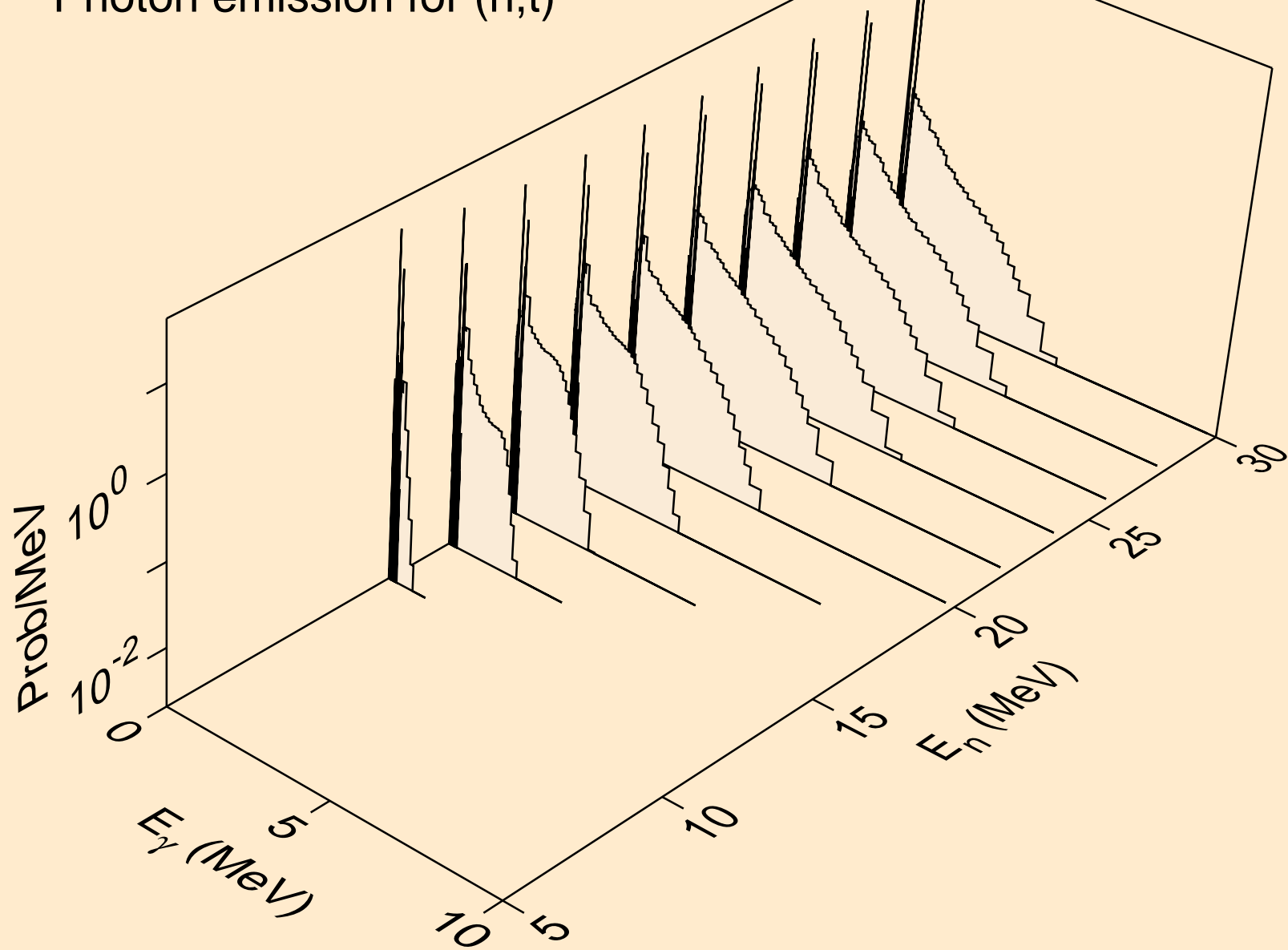
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Photon emission for (n,p)



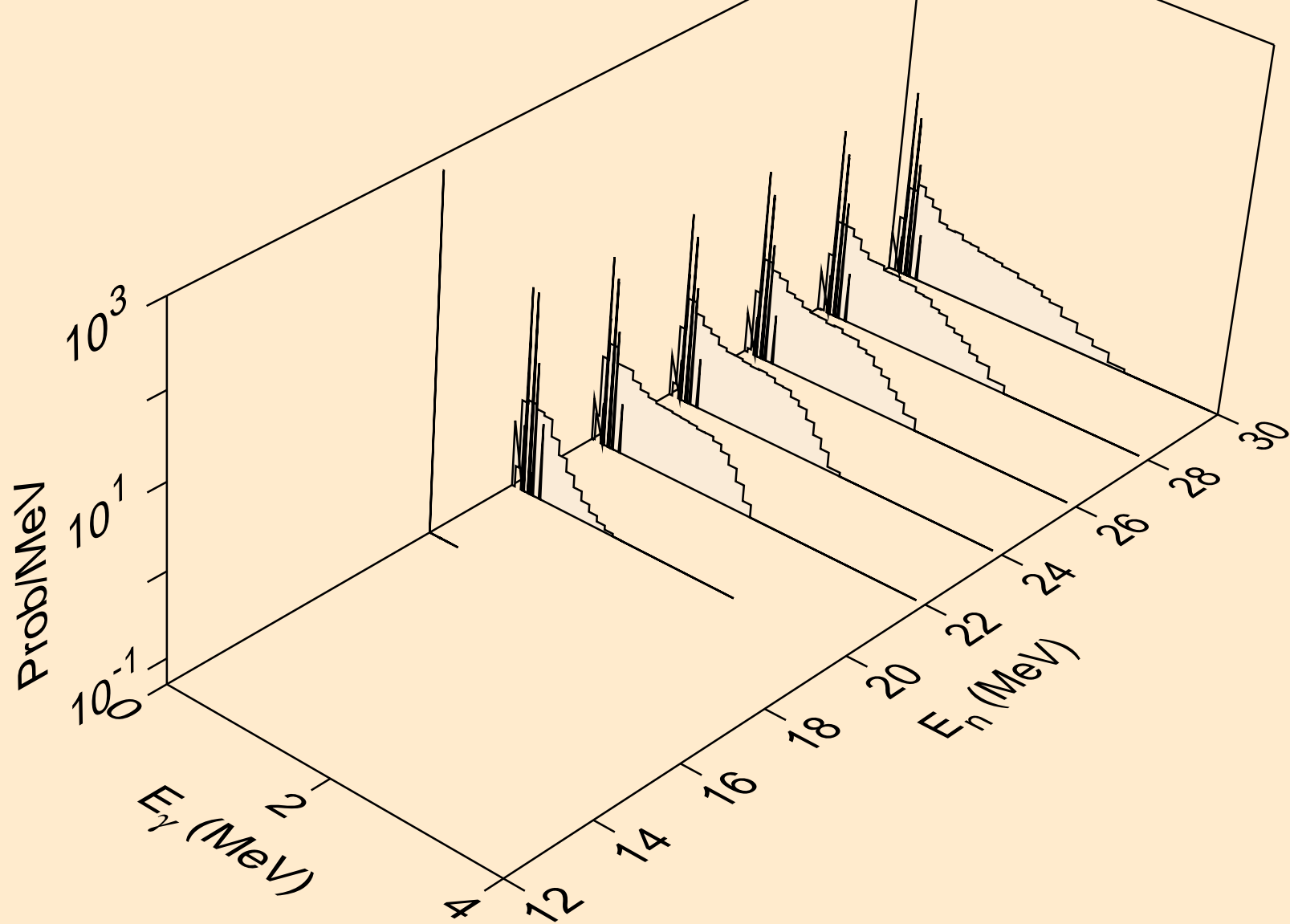
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Photon emission for (n,d)



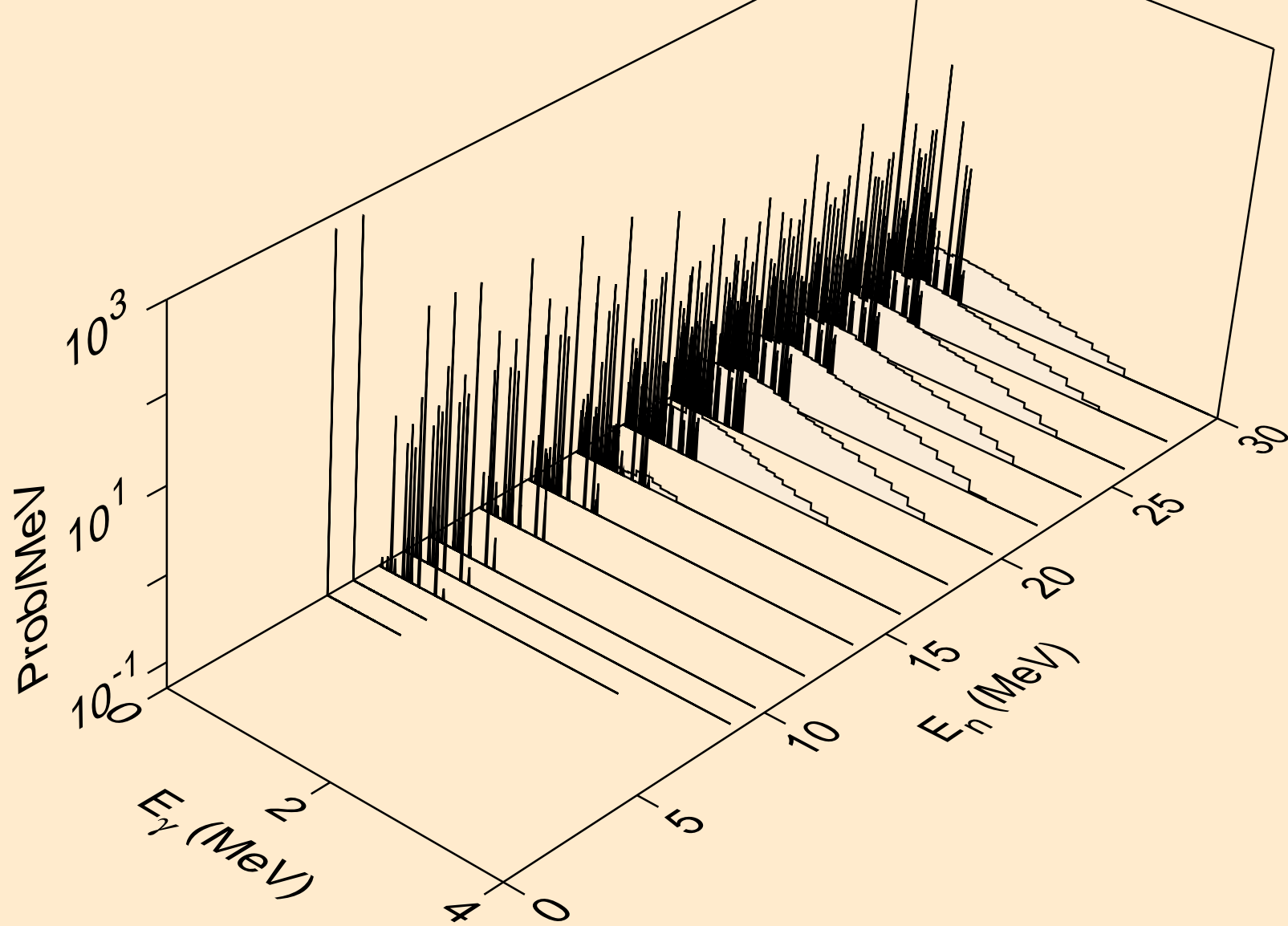
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Photon emission for (n,t)



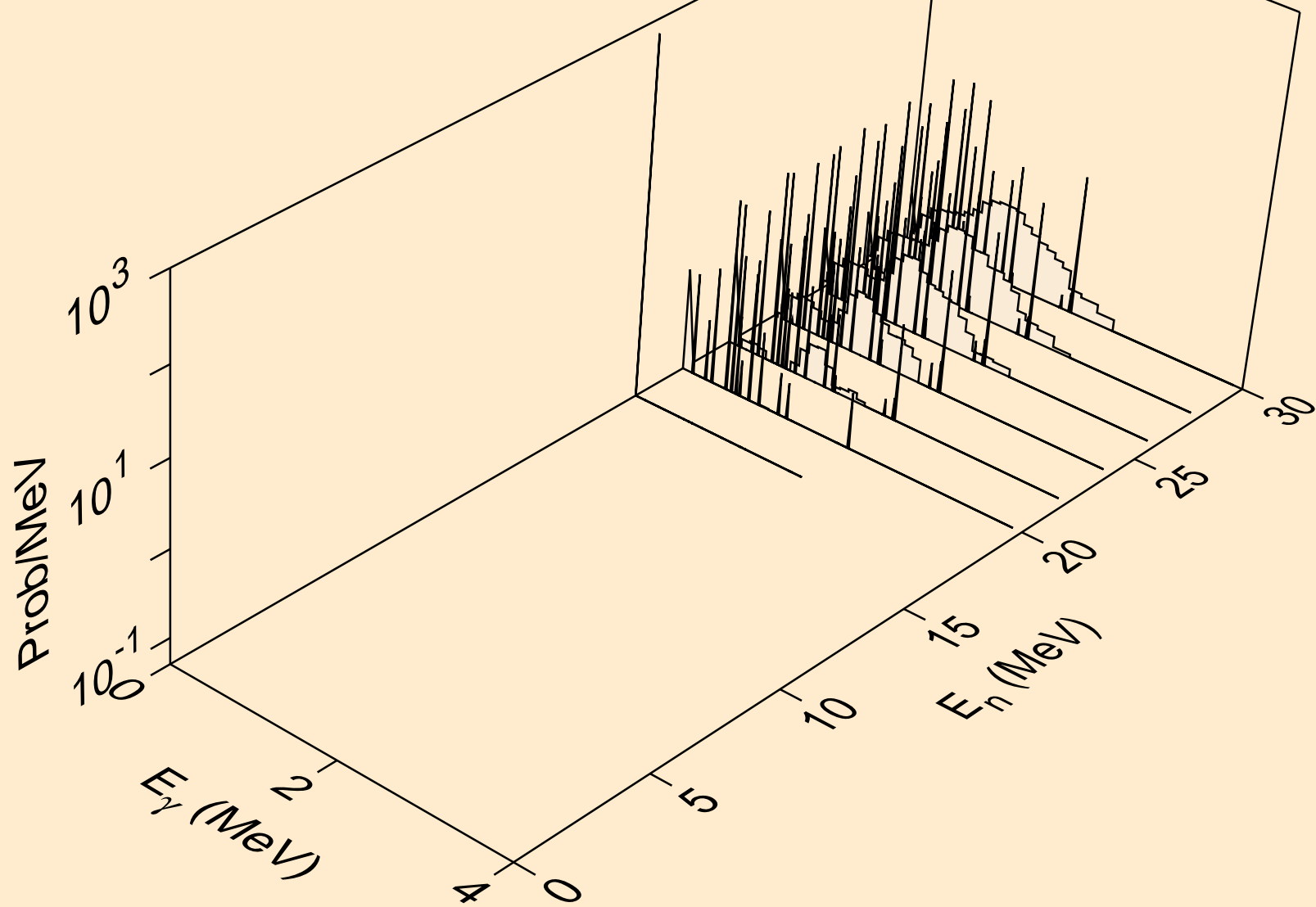
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Photon emission for (n,he3)



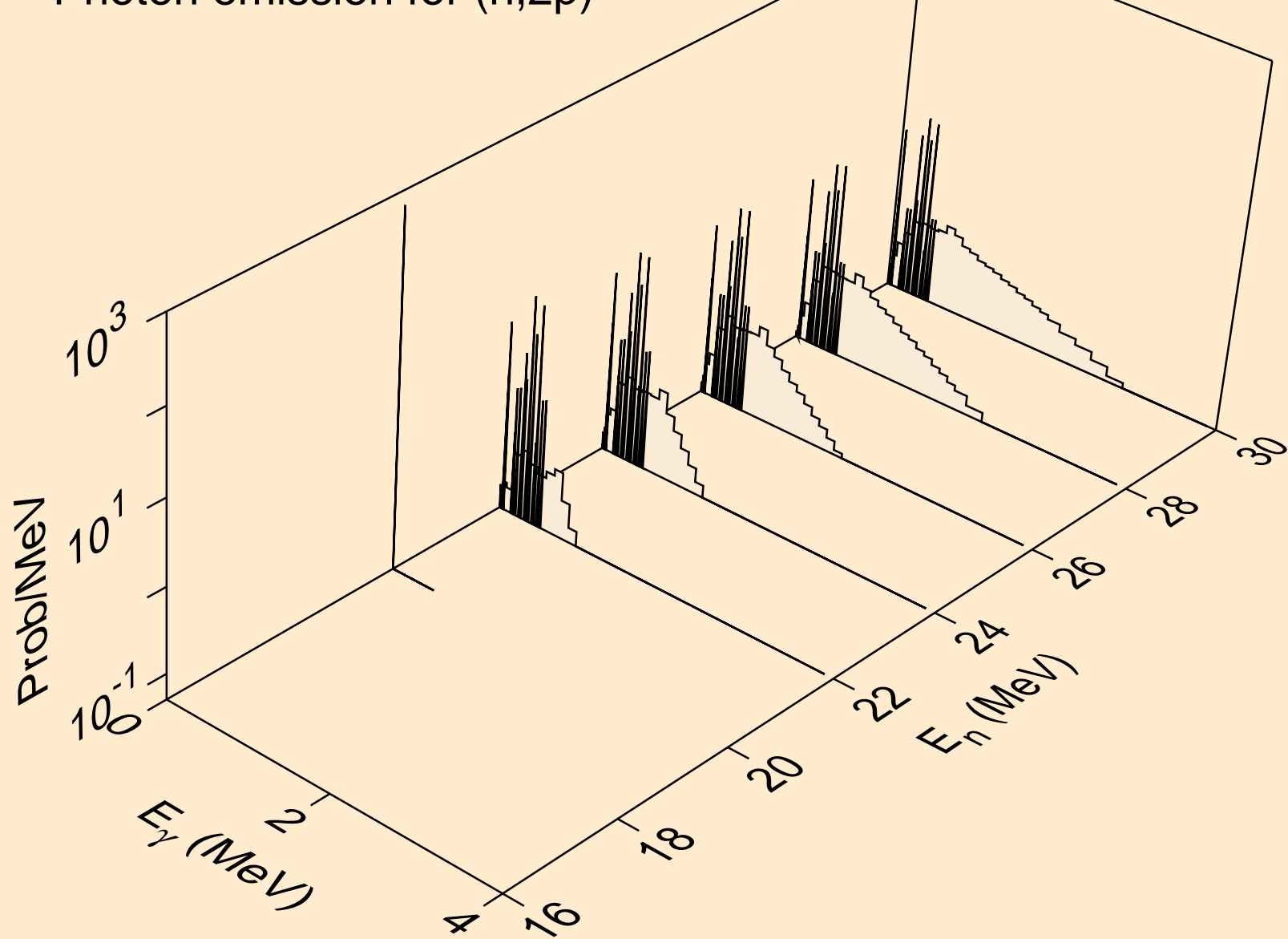
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

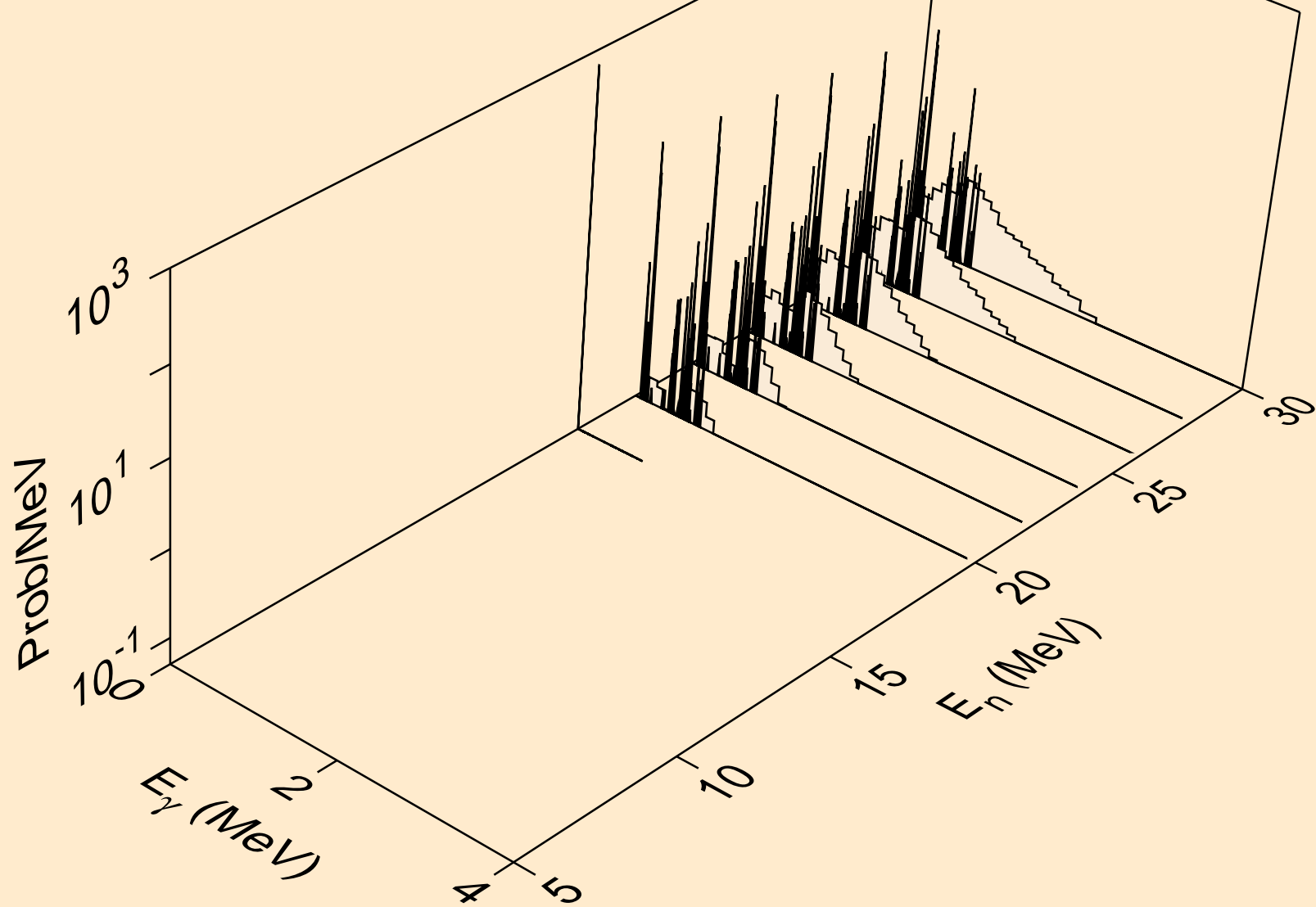


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Photon emission for (n,2p)



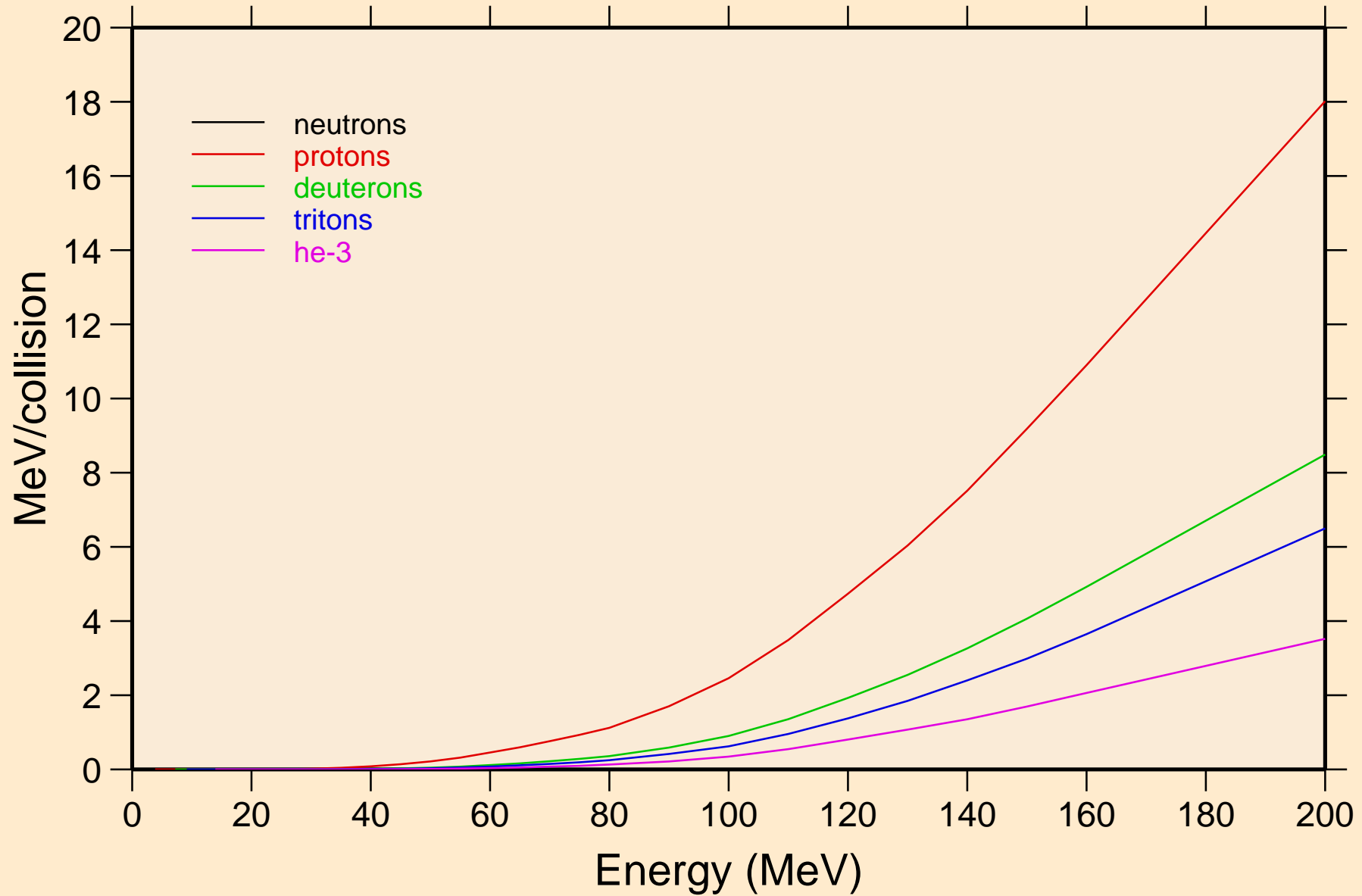


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Photon emission for (n,pa)

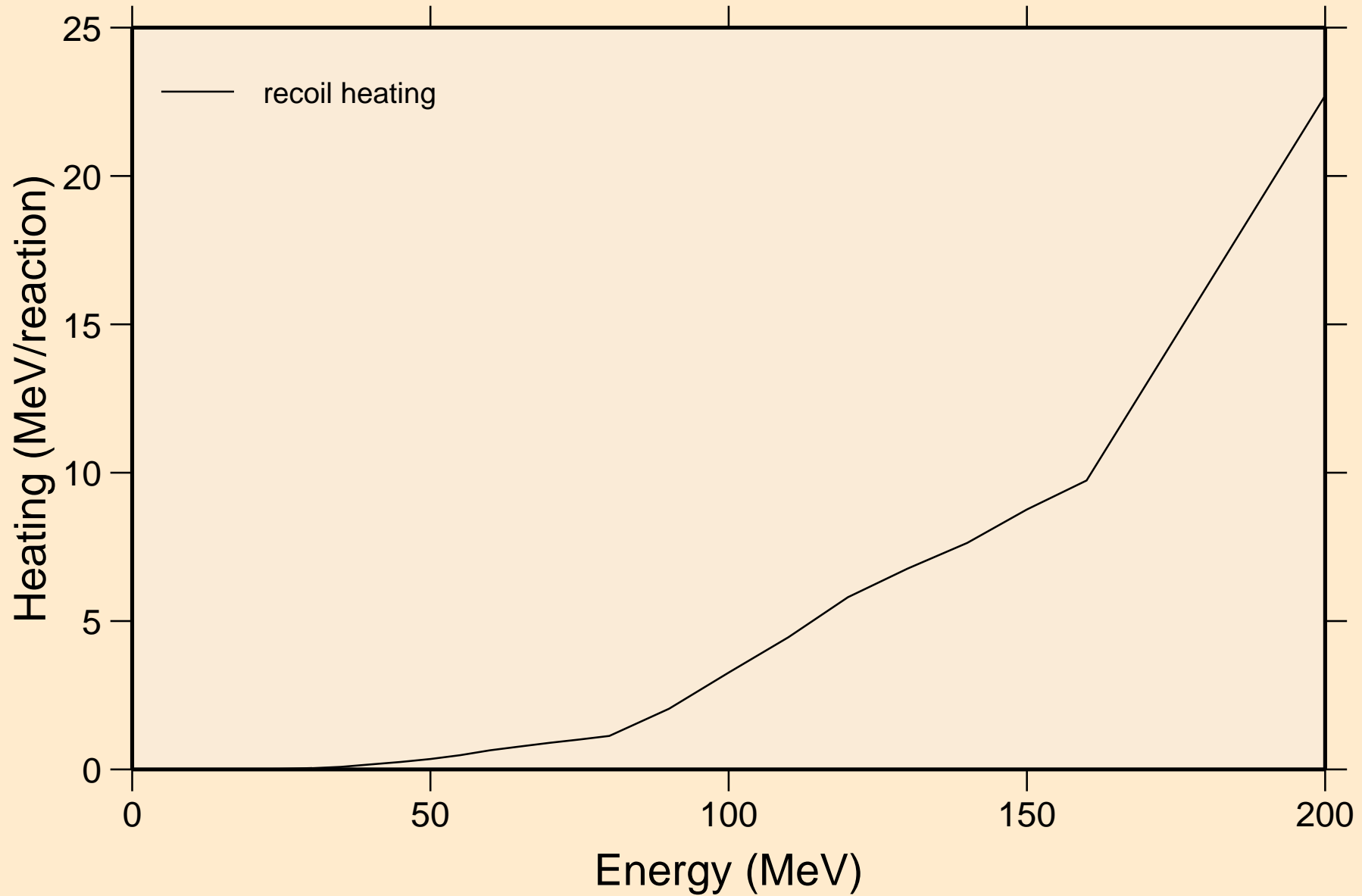


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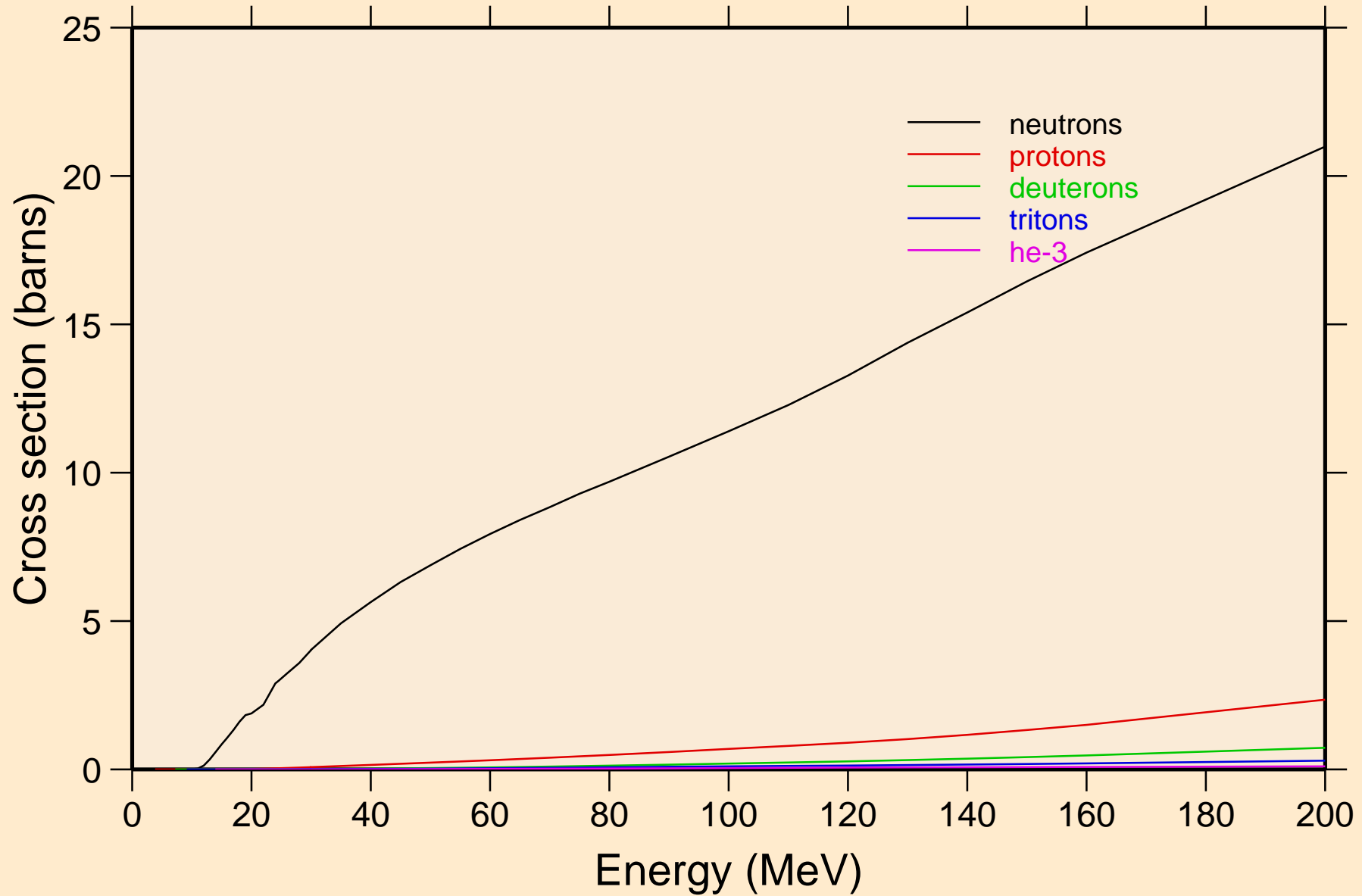
## Particle heating contributions



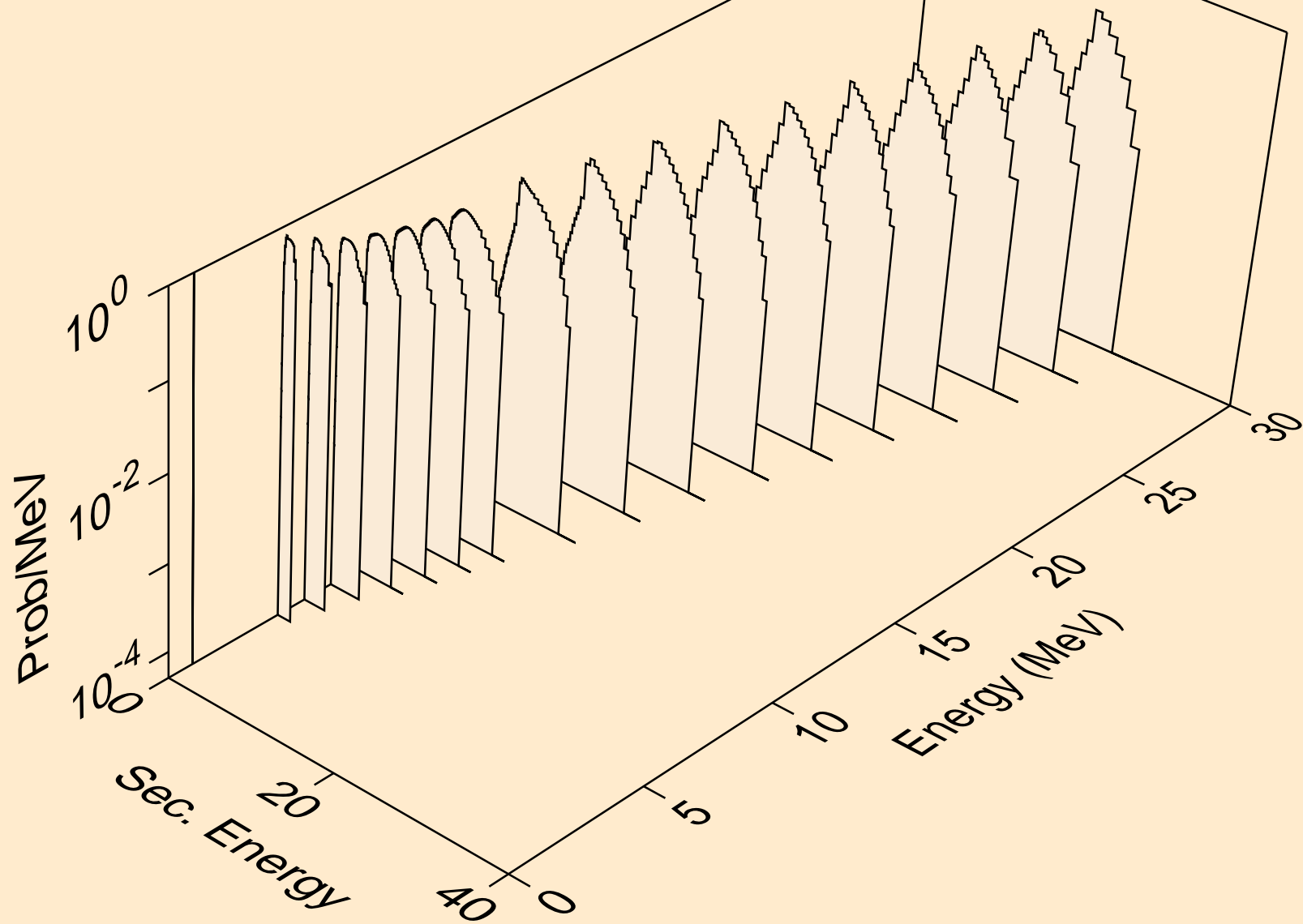
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Recoil Heating



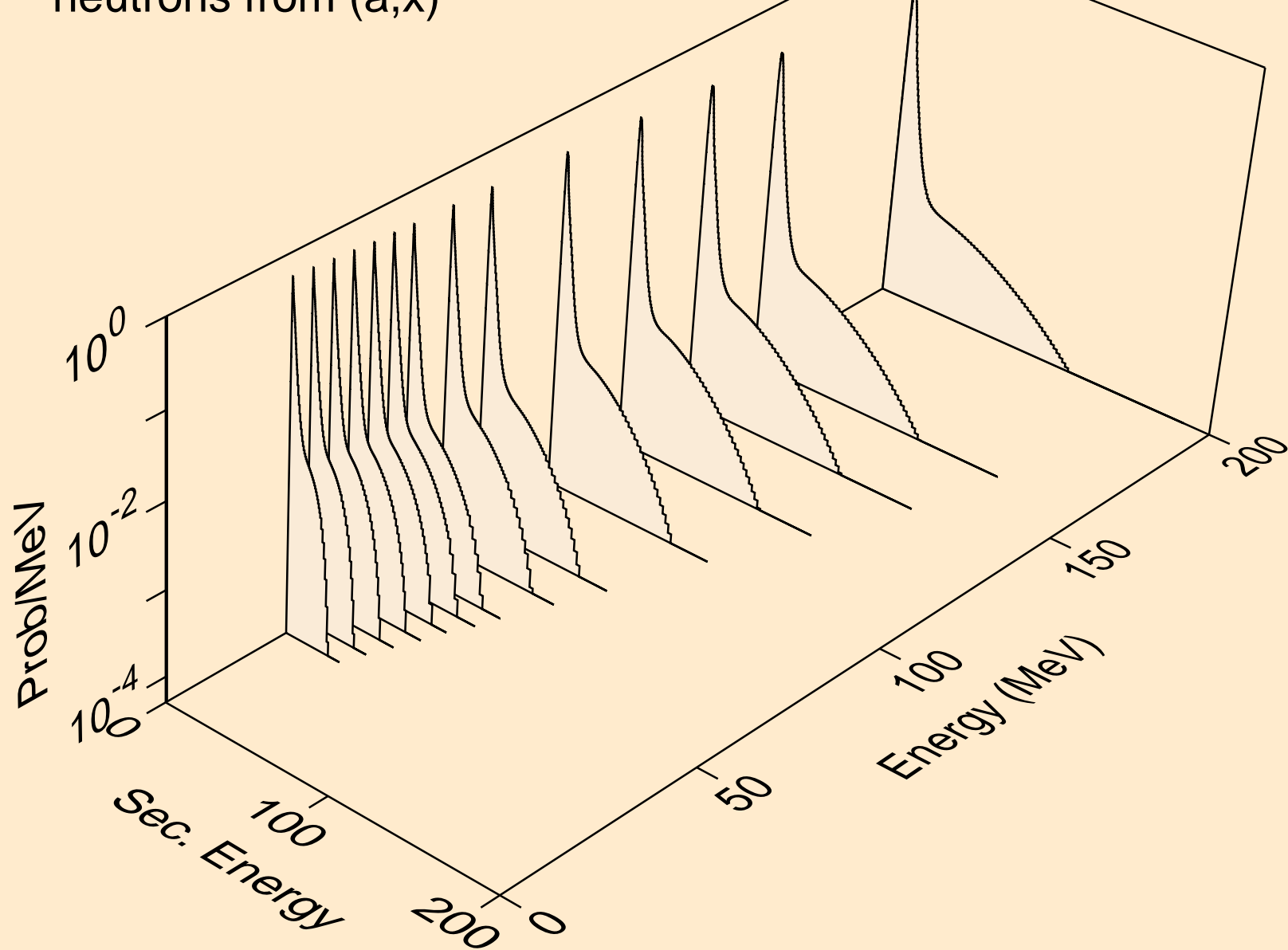
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



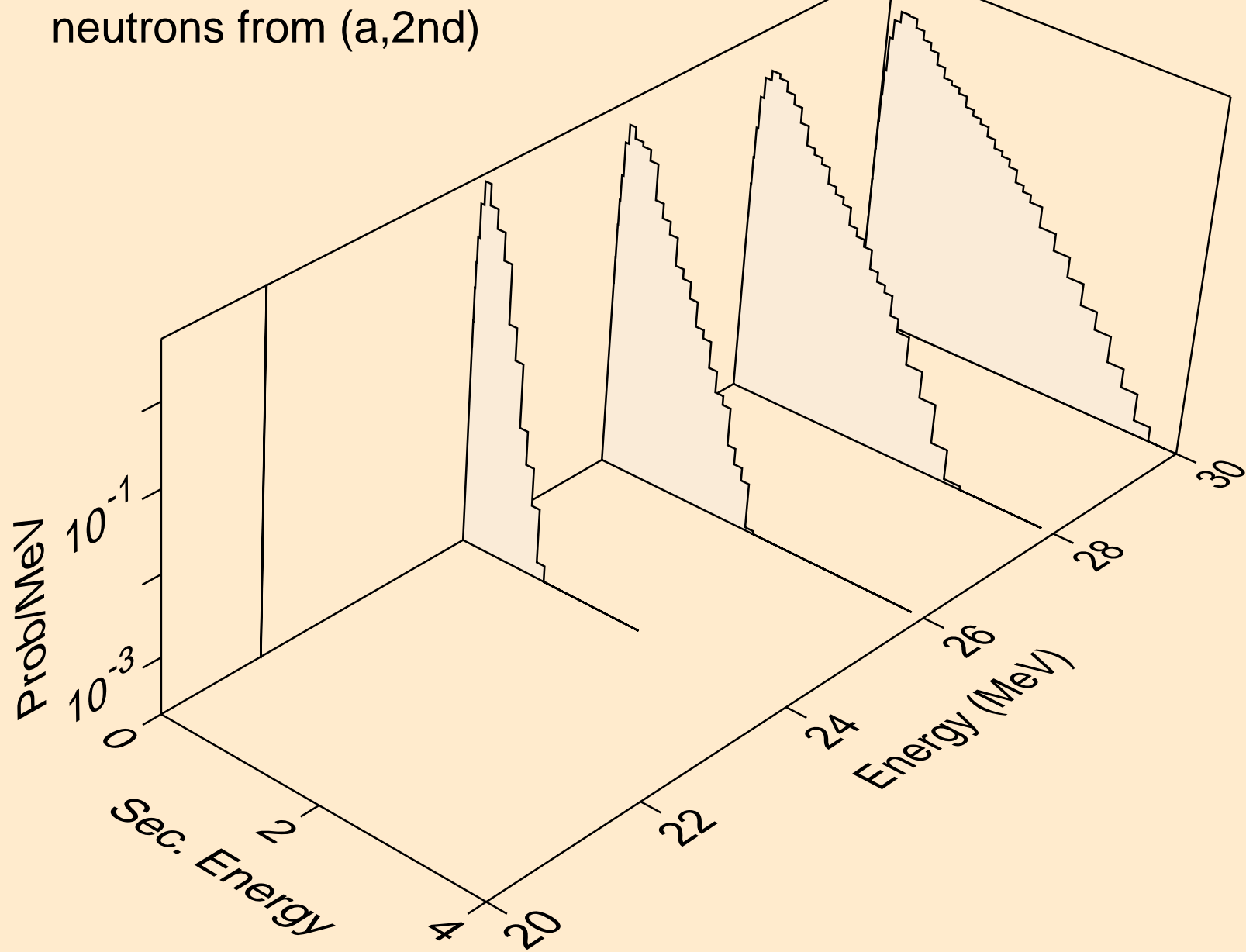
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



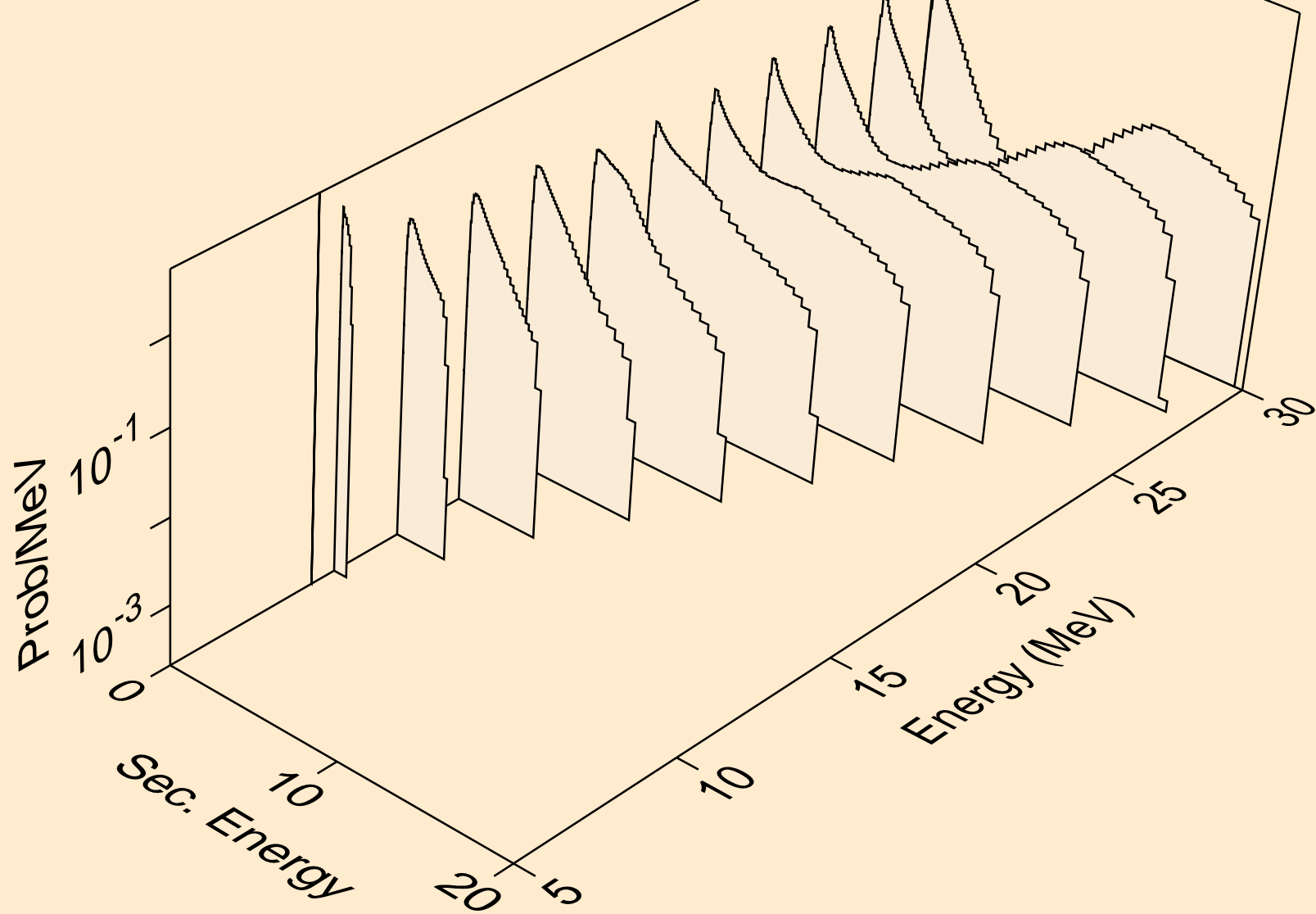
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2nd)

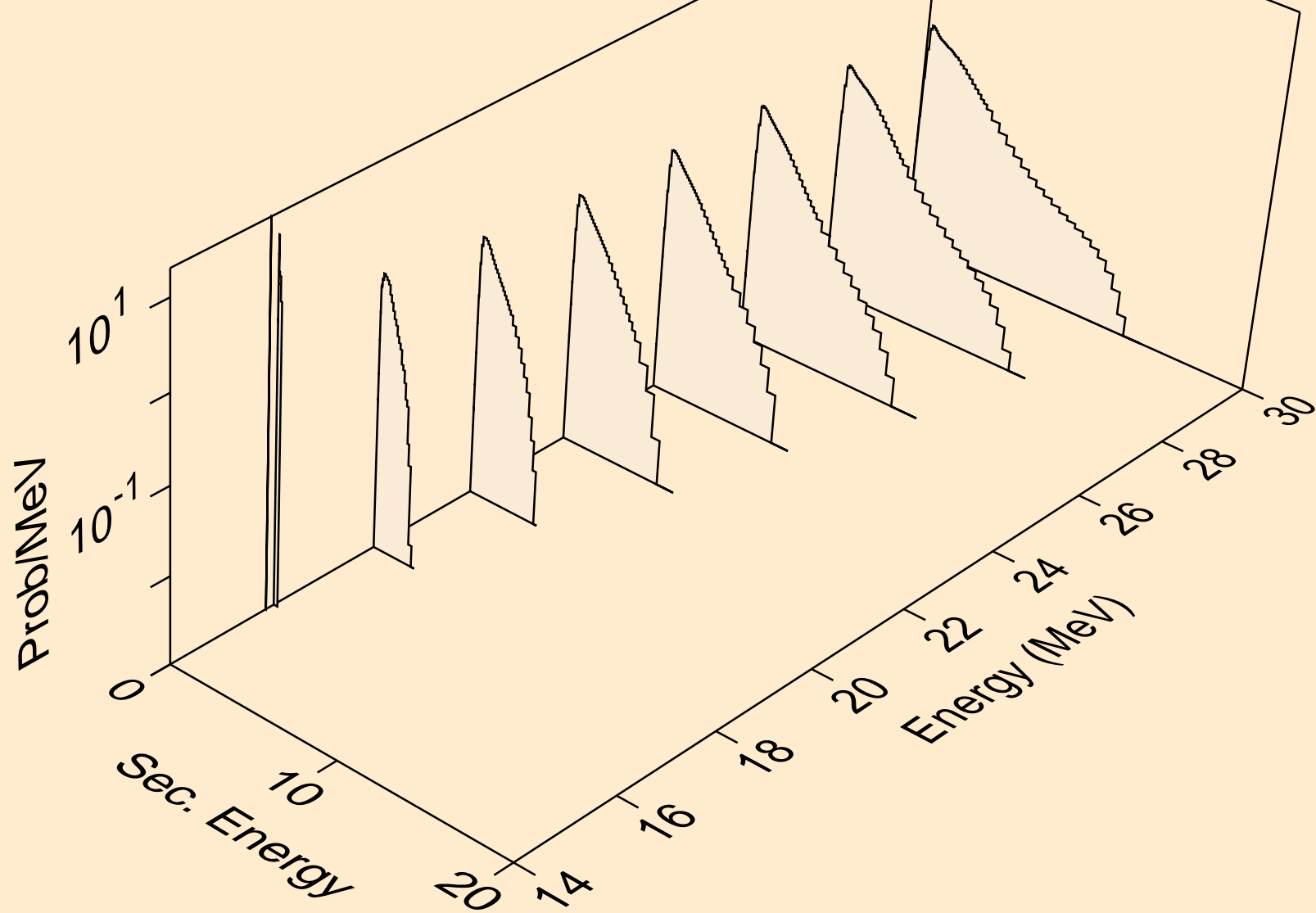


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neutrons from (a,2n)

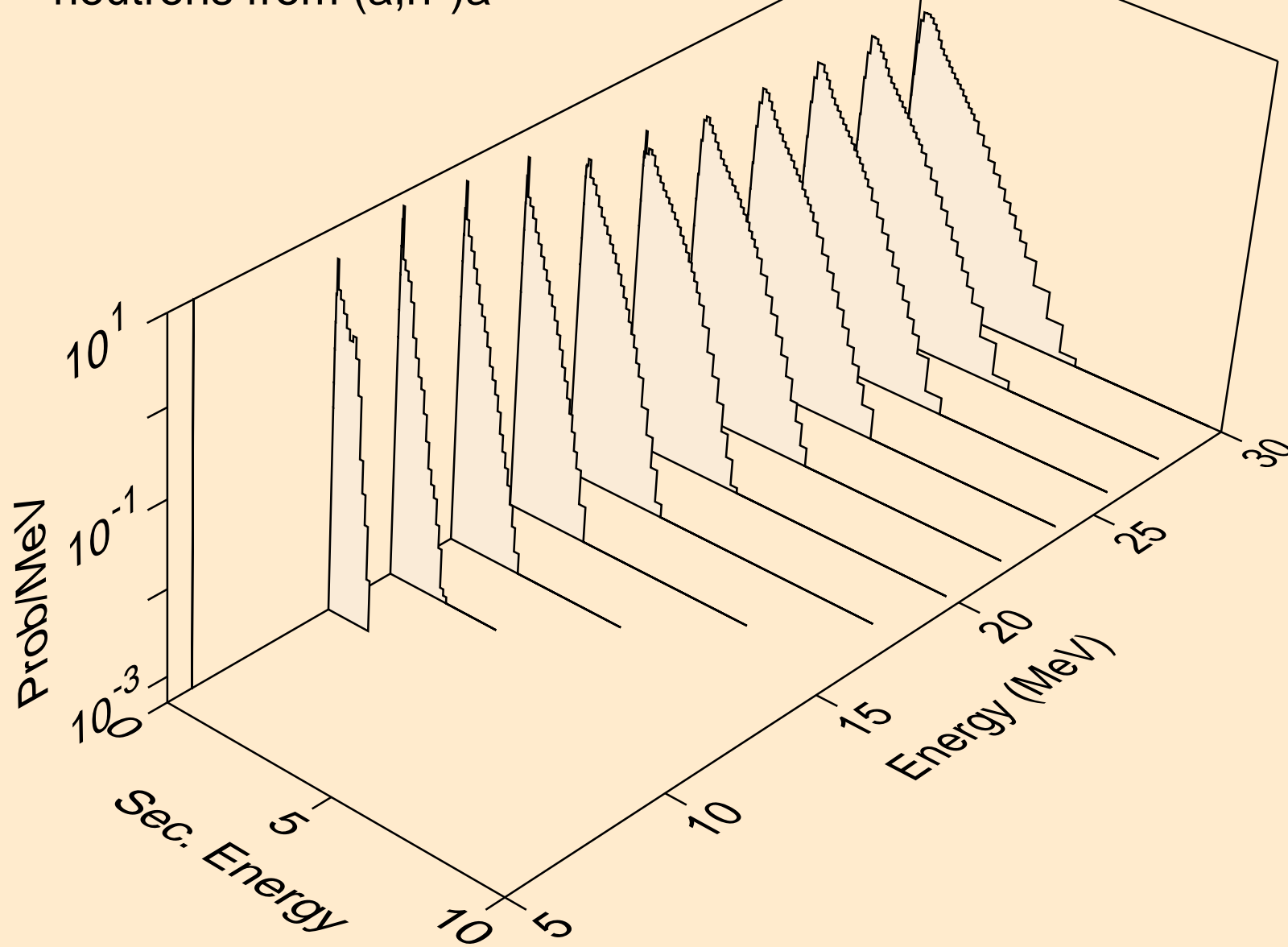




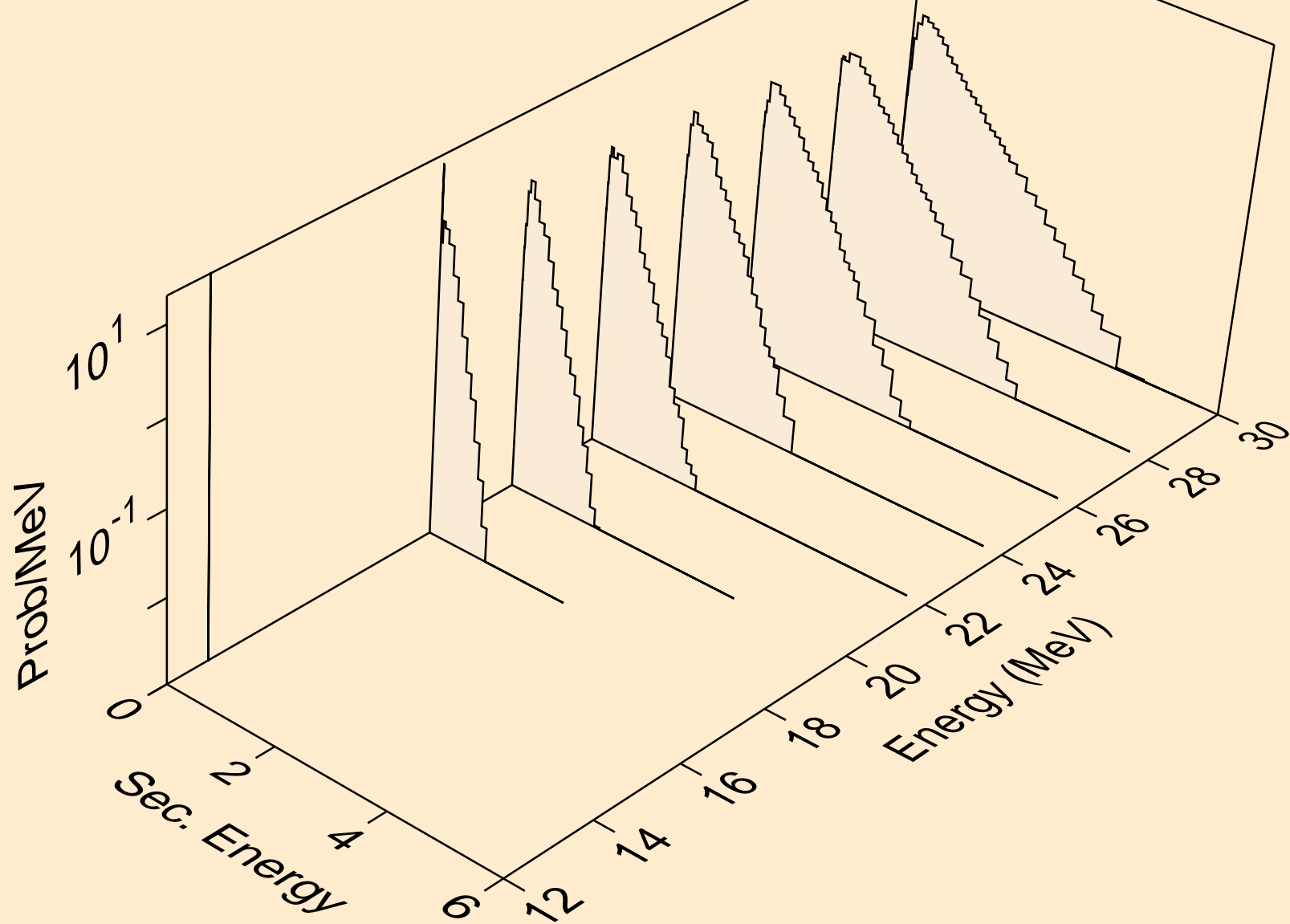
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neutrons from (a,3n)



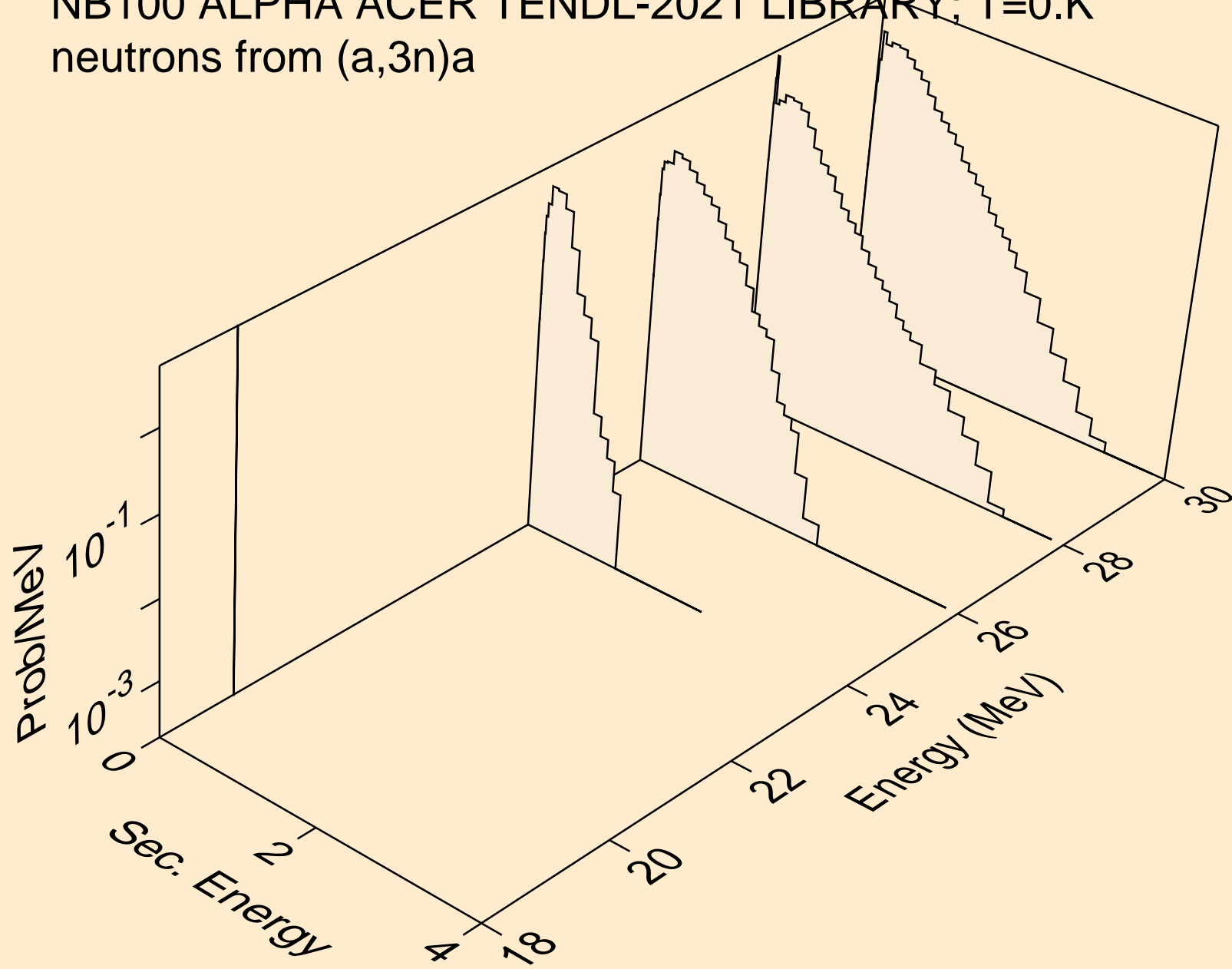
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neutrons from (a,n\*)a



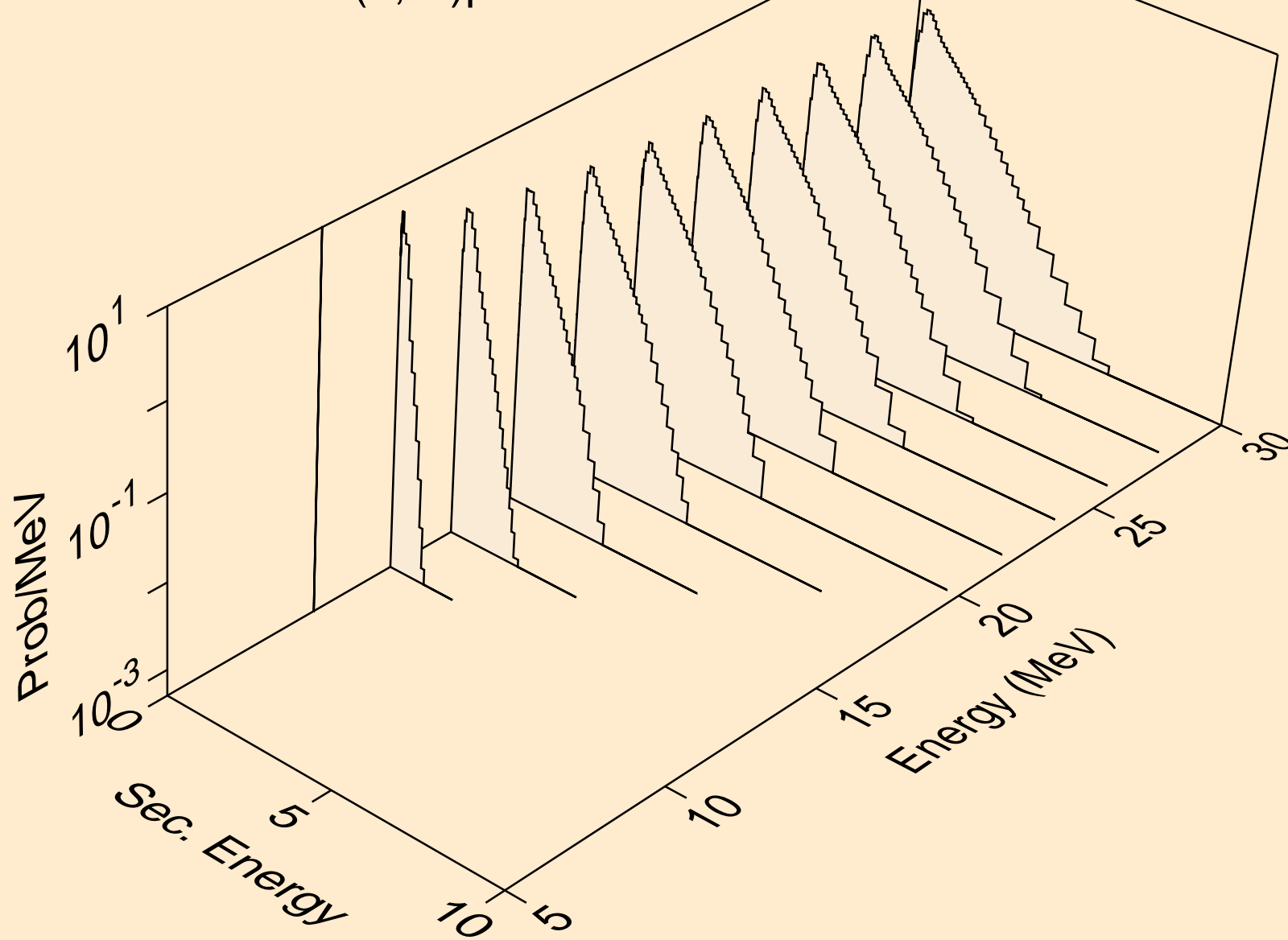
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neutrons from (a,2n)a



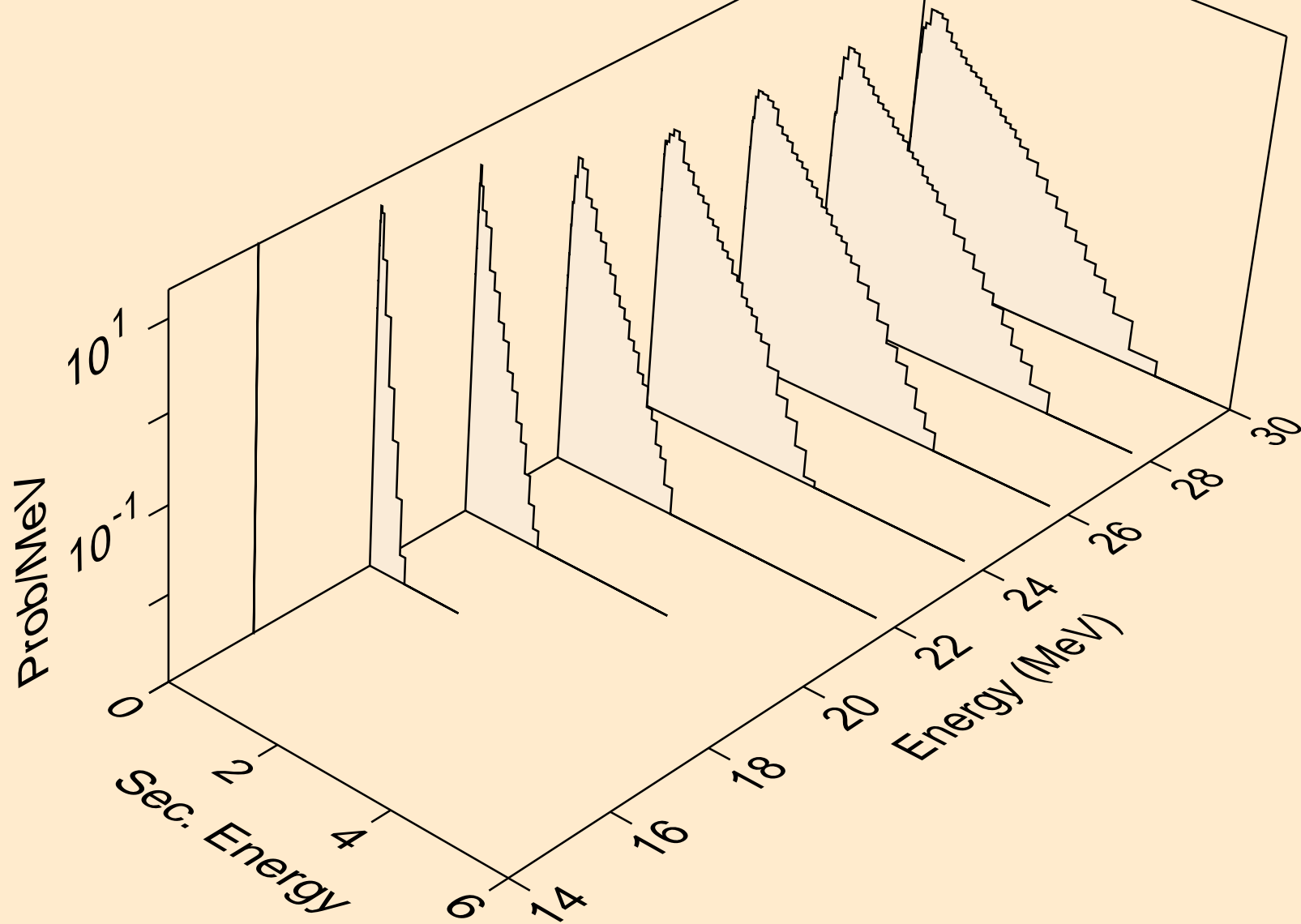
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neutrons from (a,3n)a



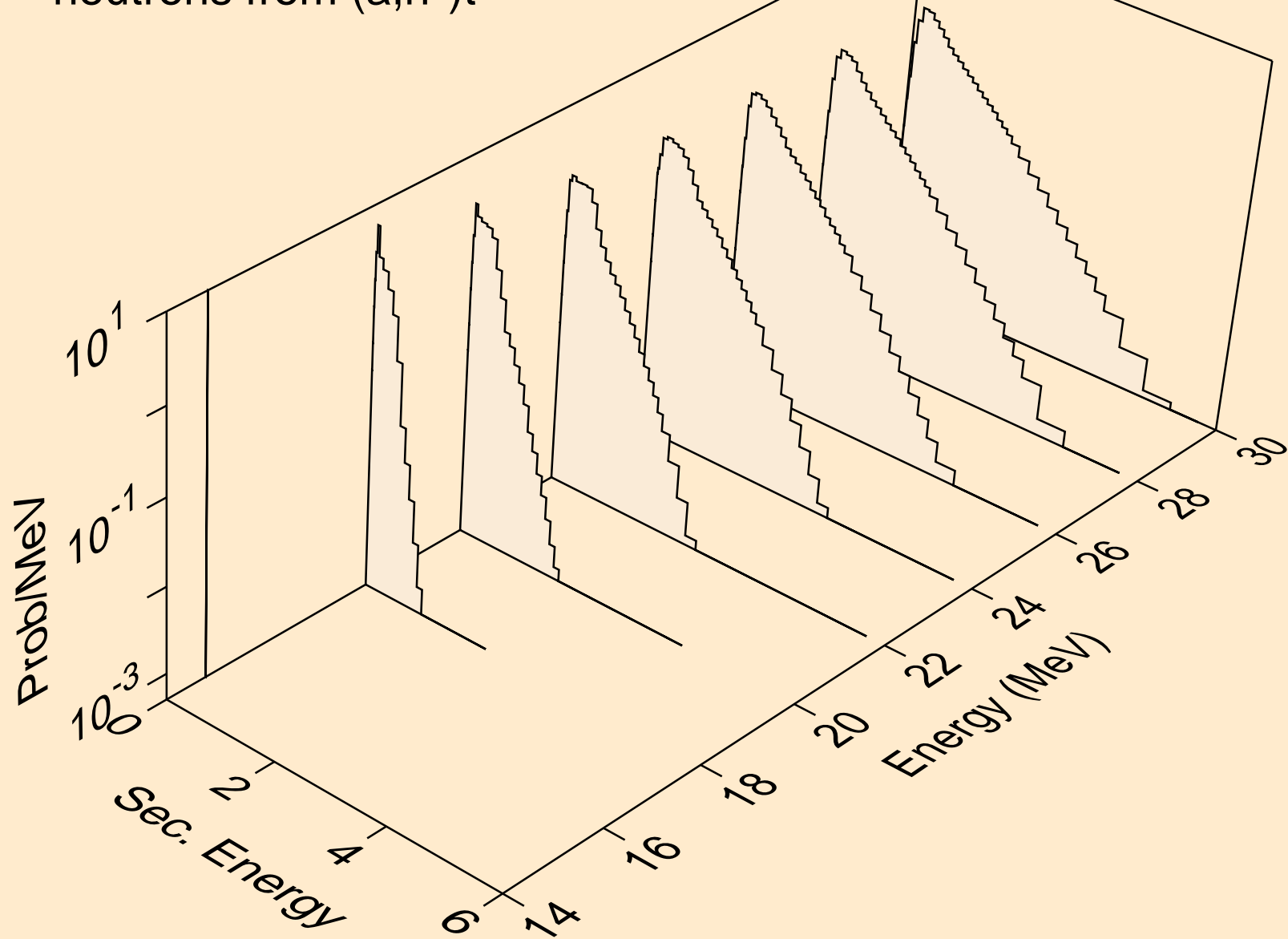
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



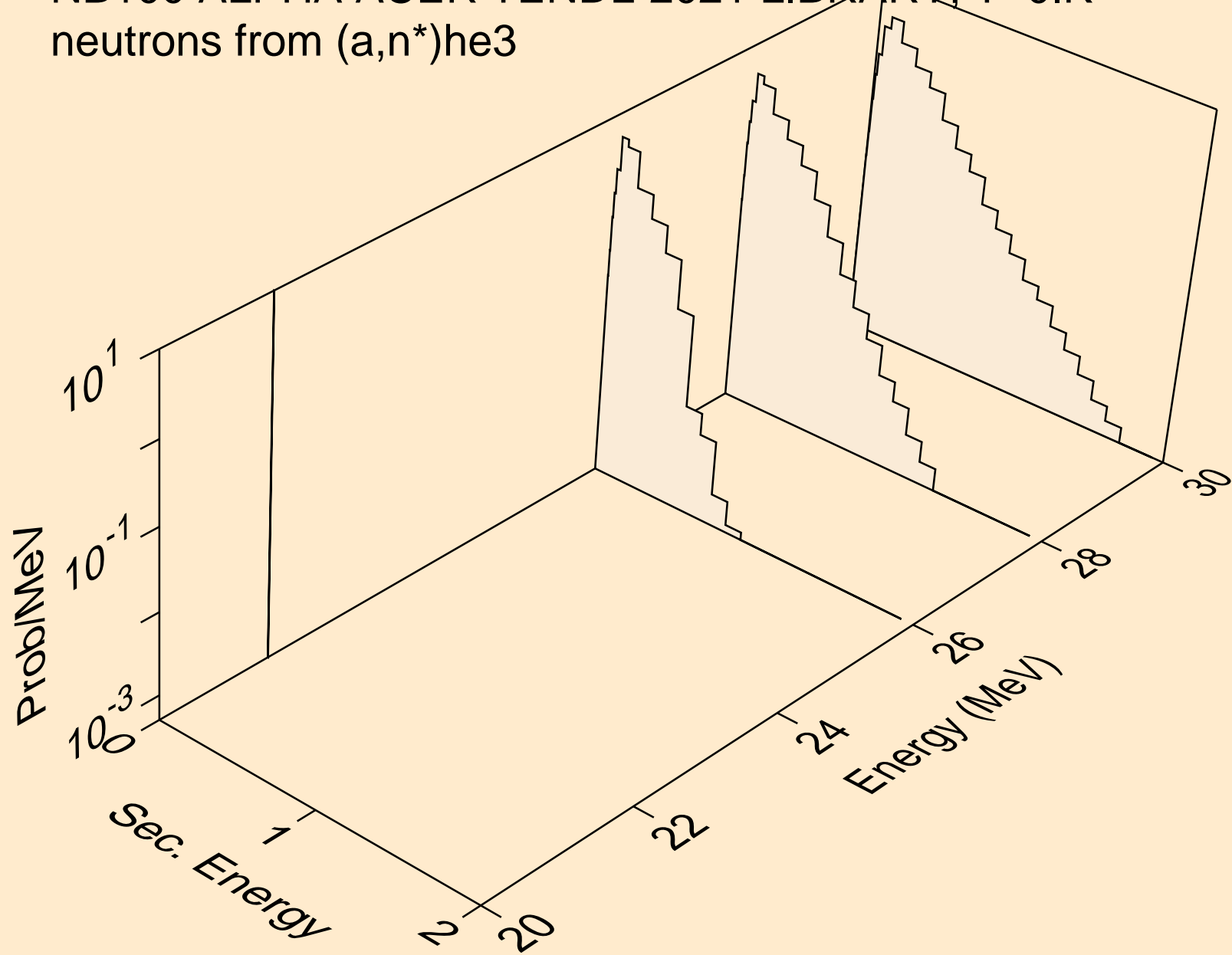
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t

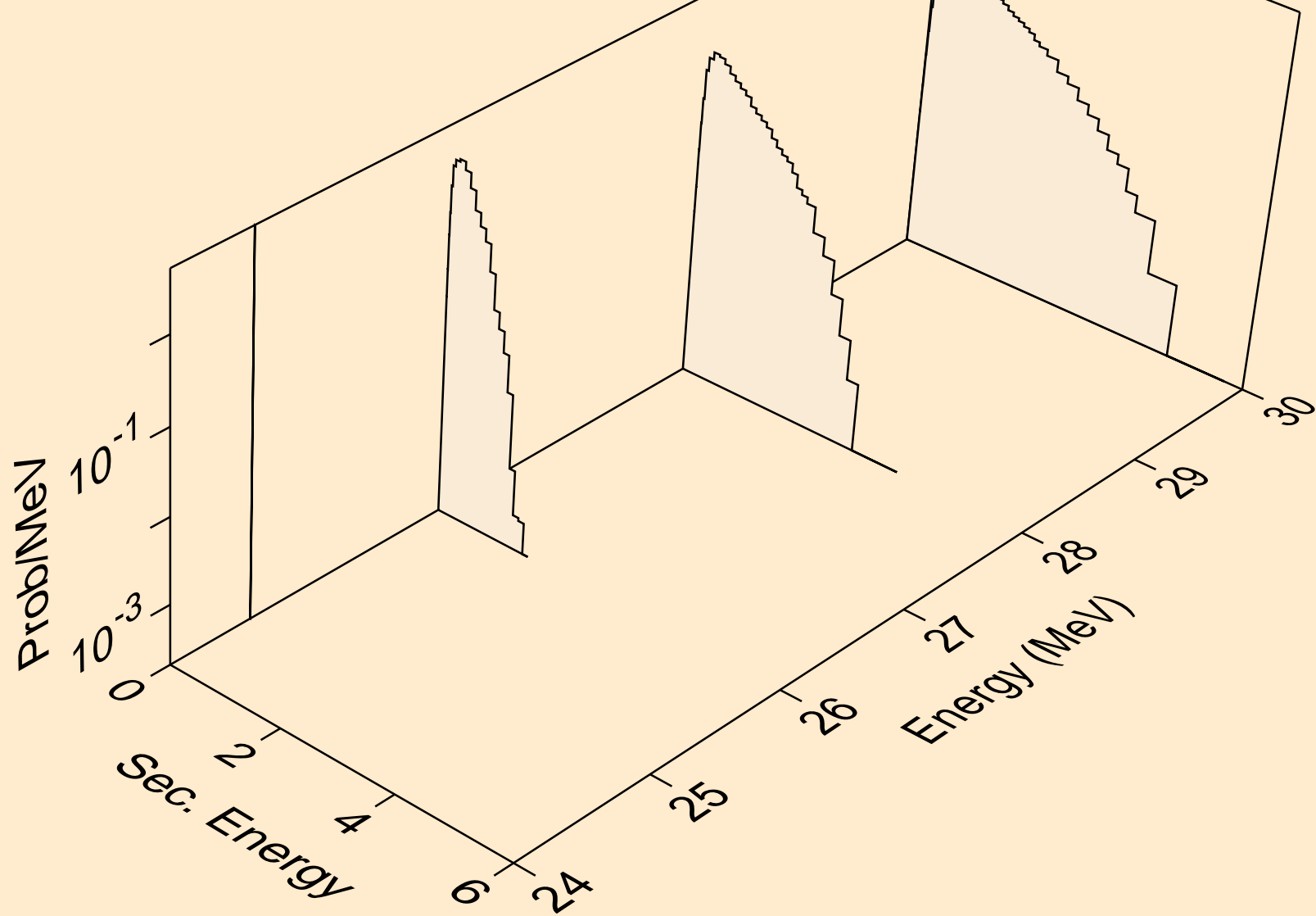


NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)he3

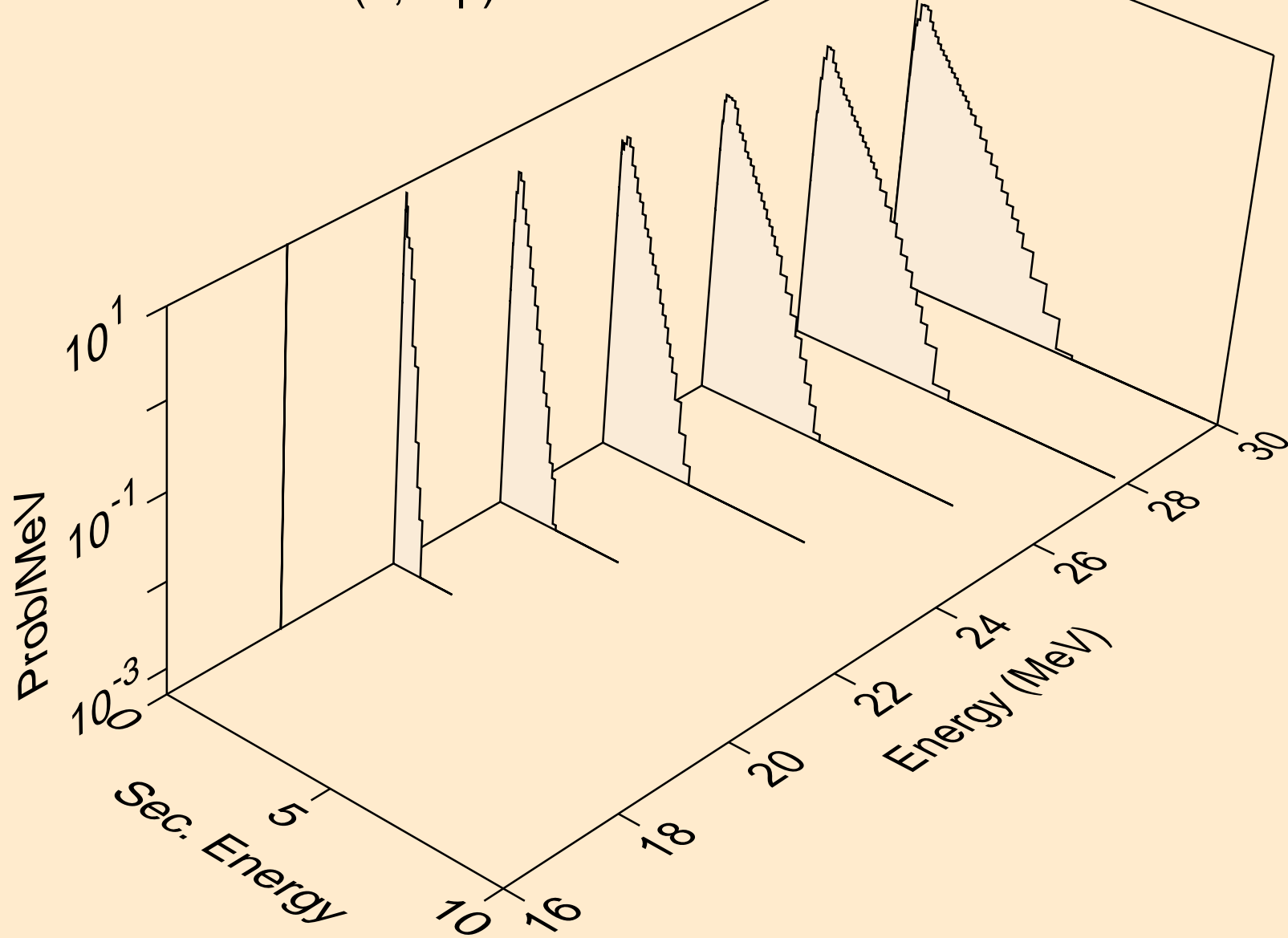




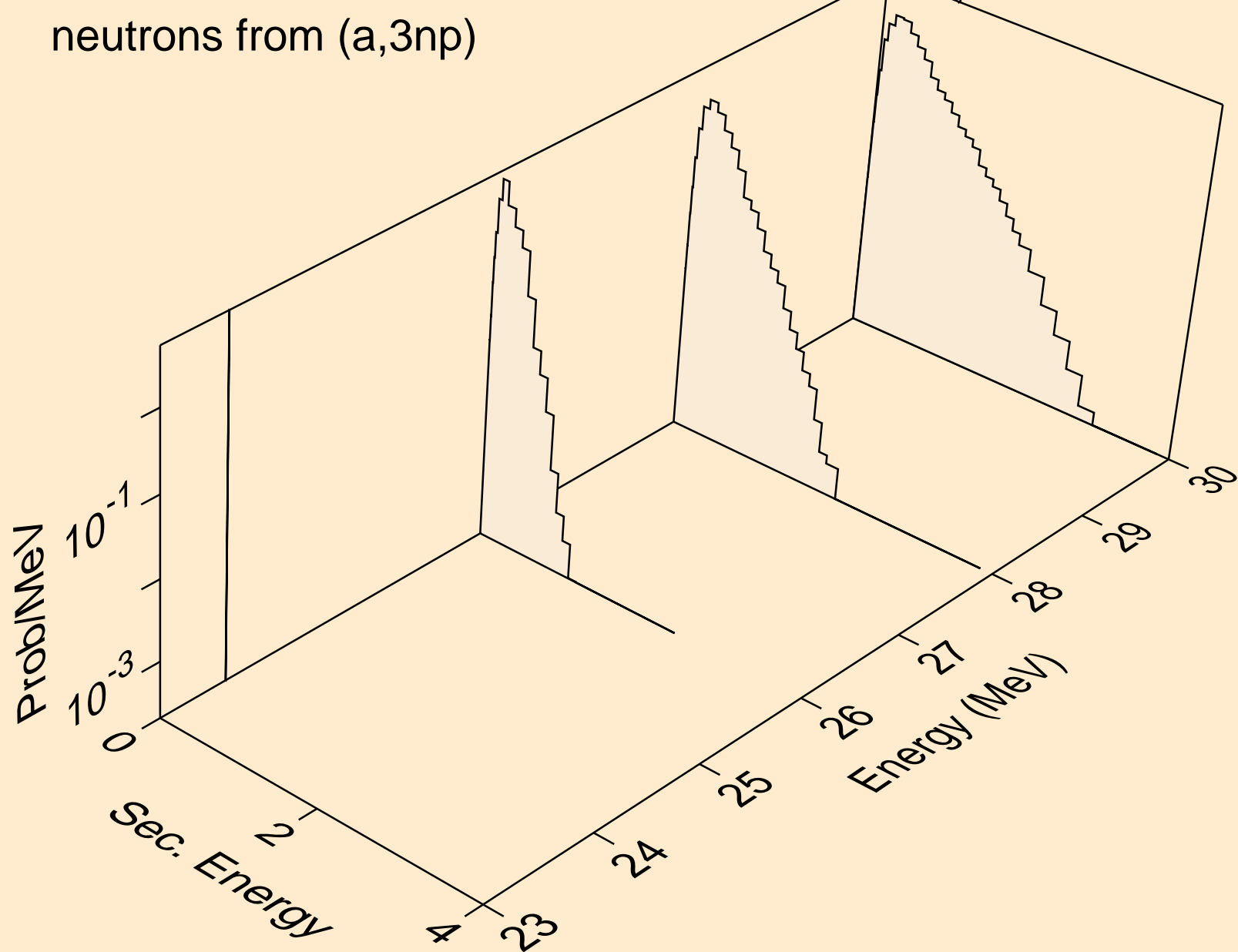
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,4n)



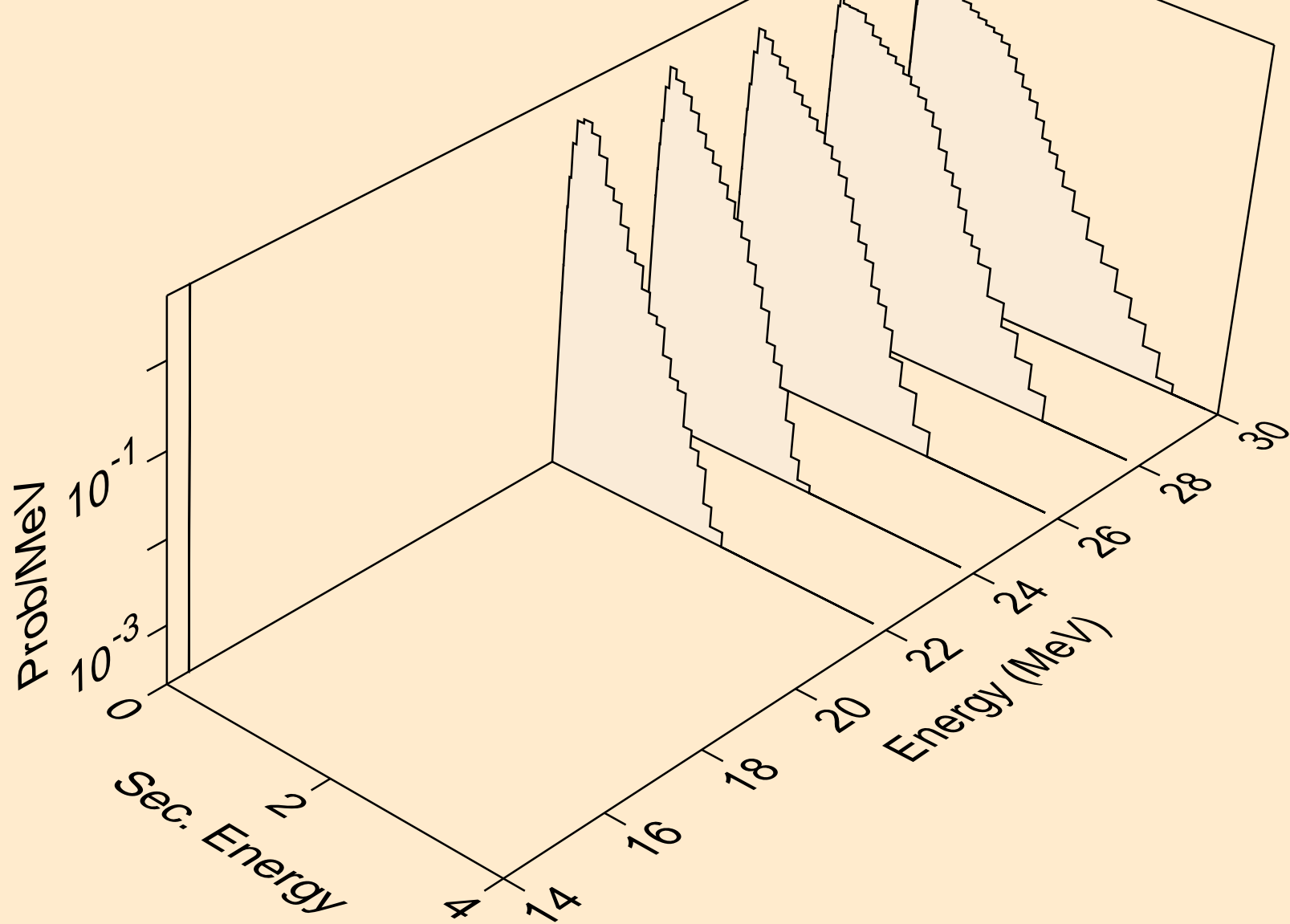
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neutrons from (a,2np)



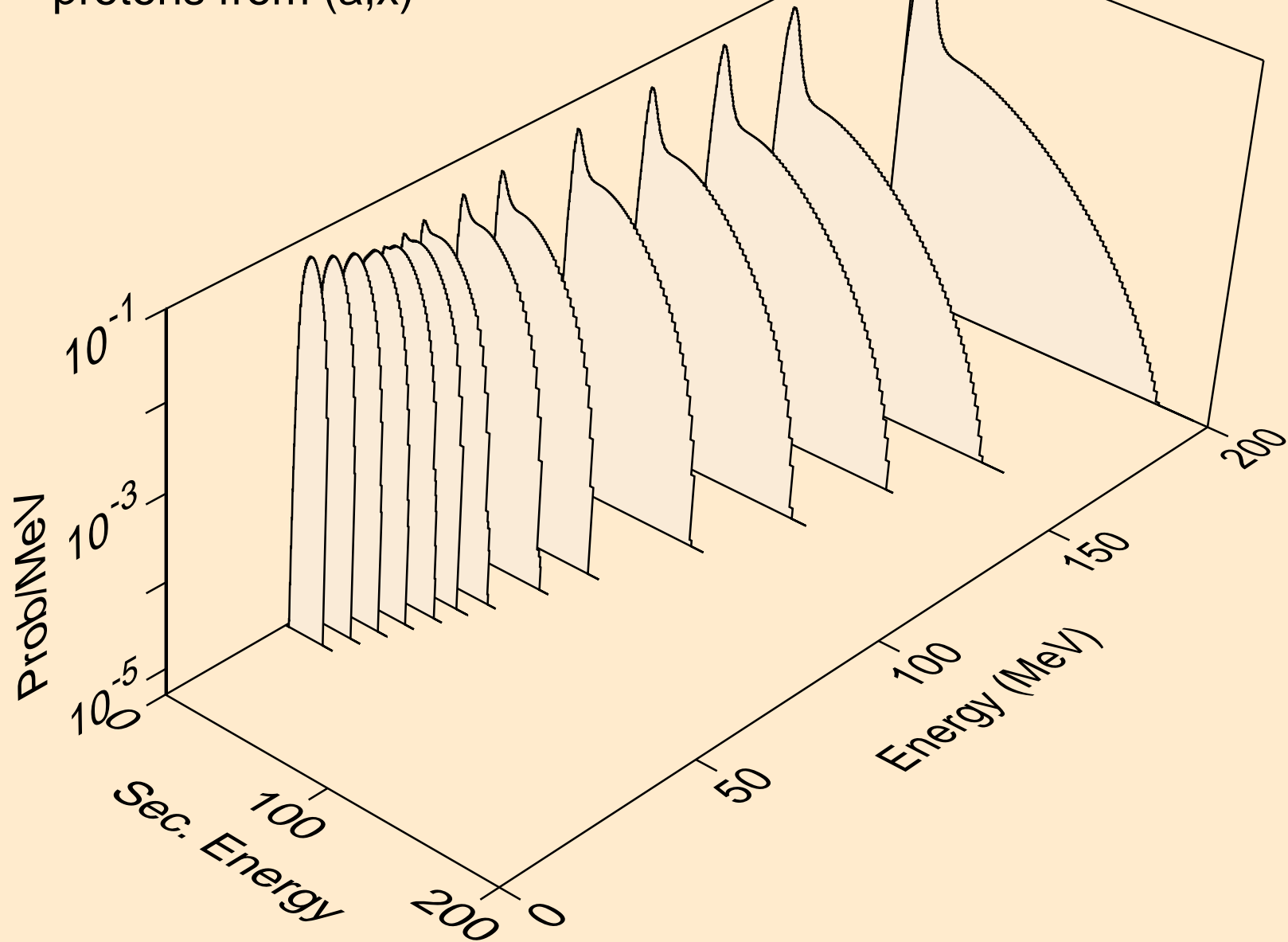
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neutrons from (a,3np)



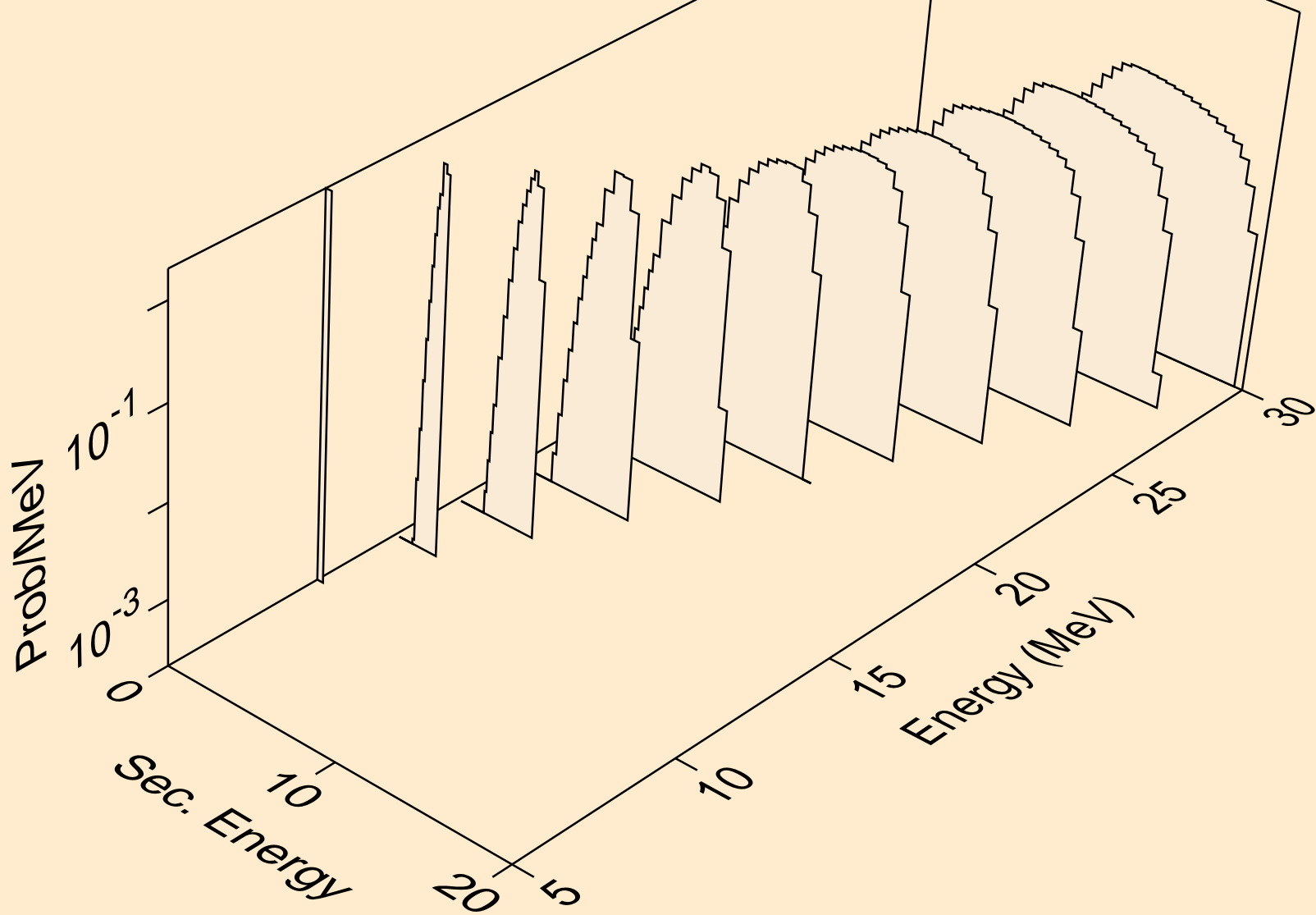
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neutrons from (a,npa)



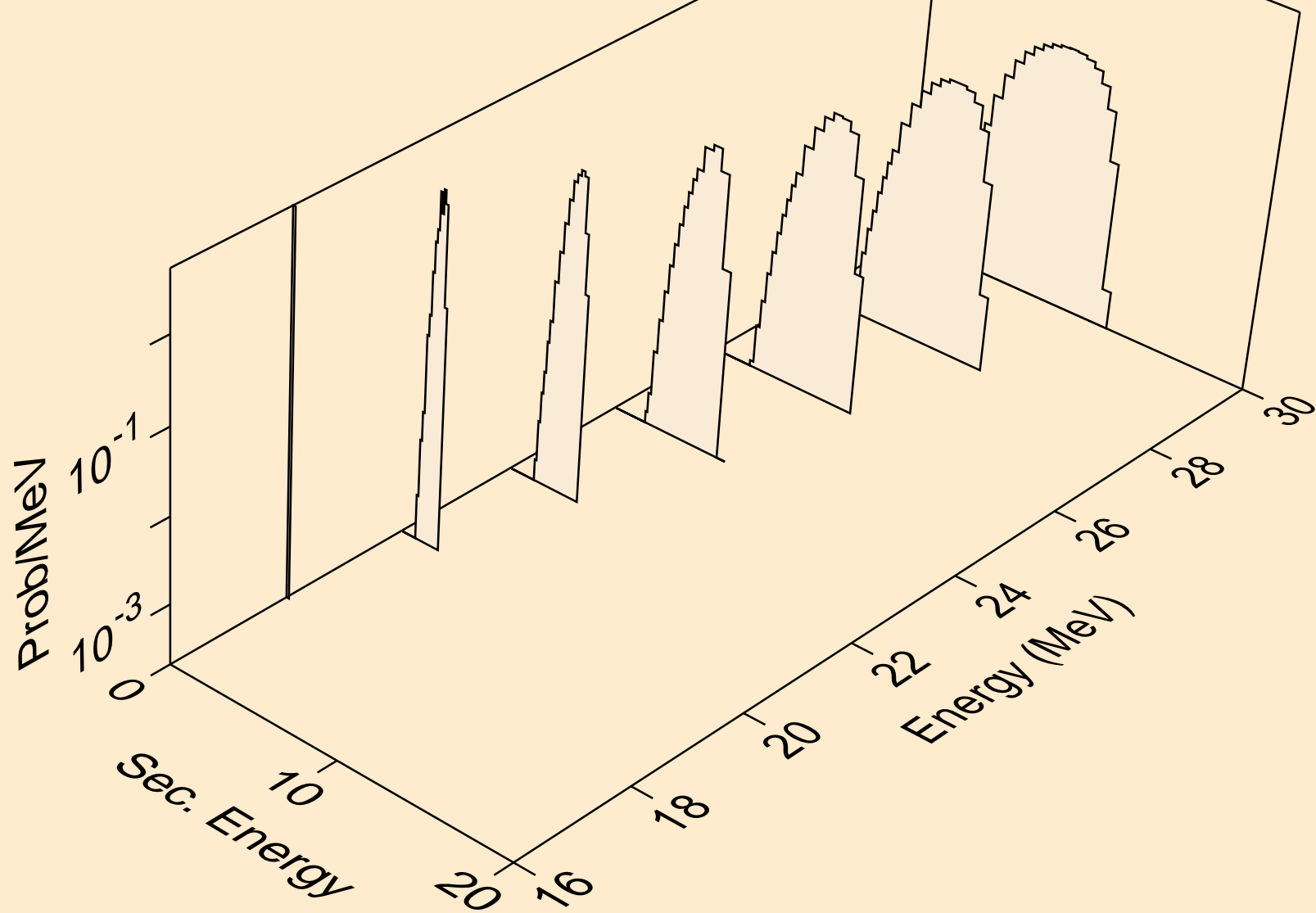
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protons from (a,x)



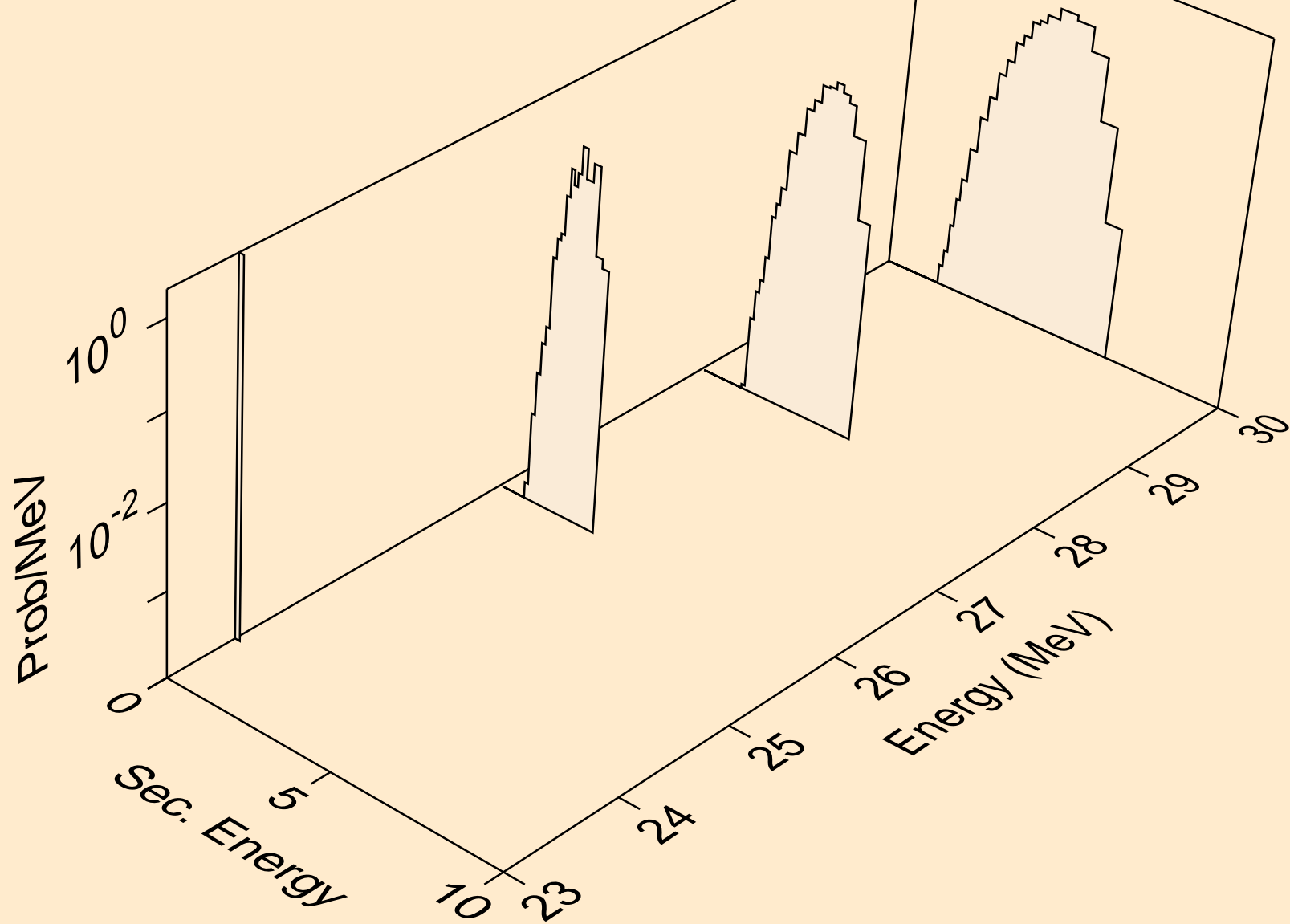
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)

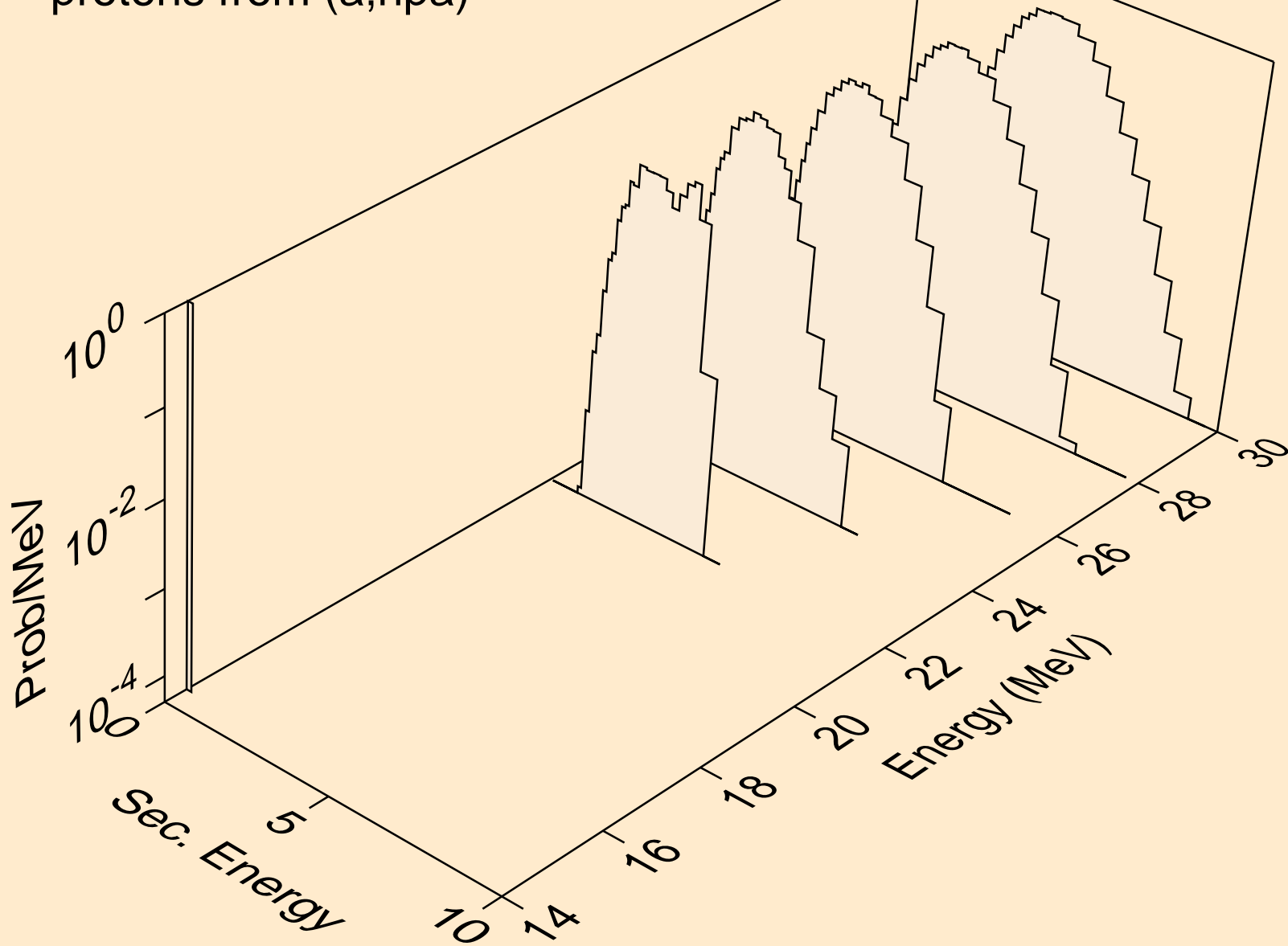


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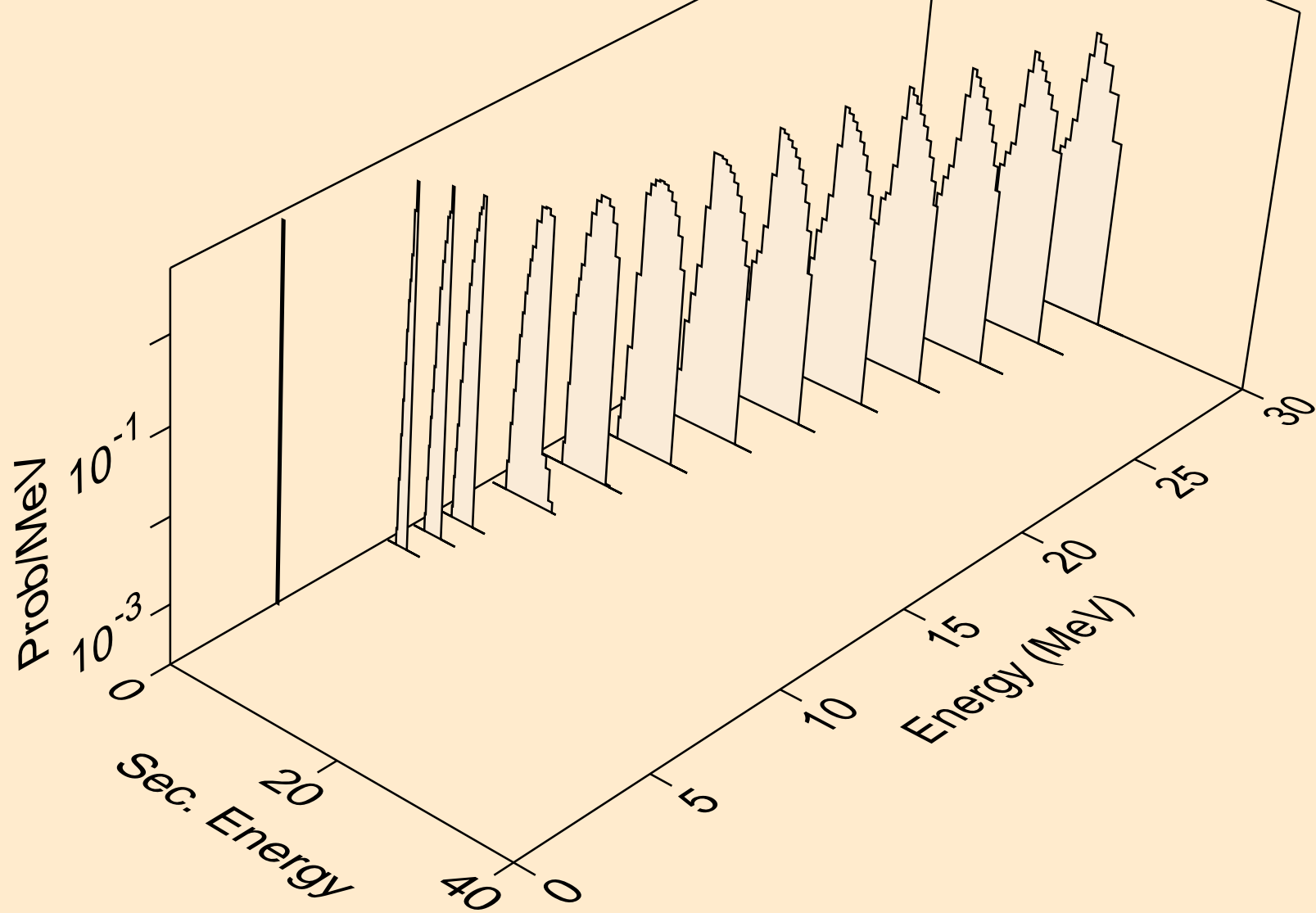




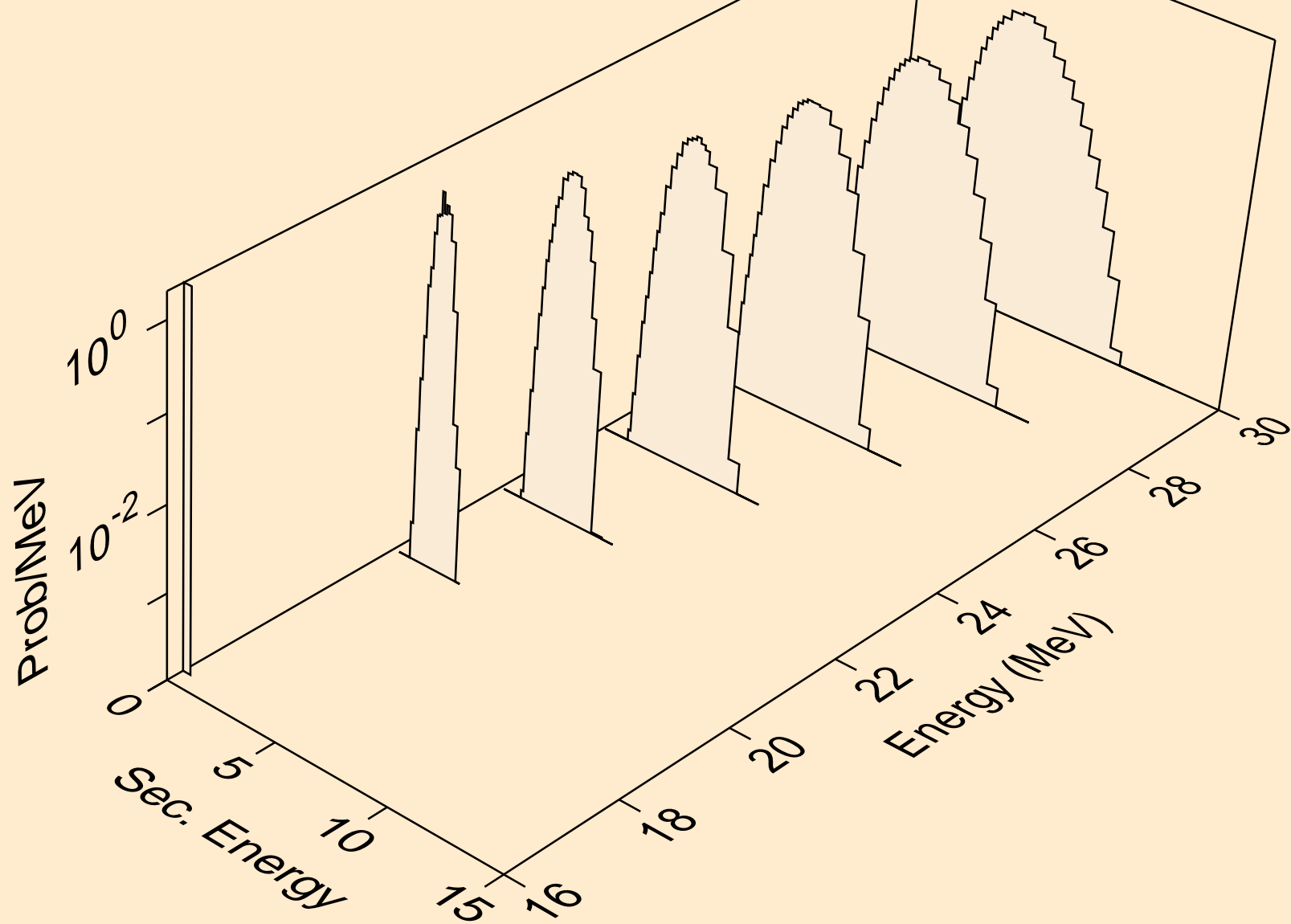
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protons from (a,npa)



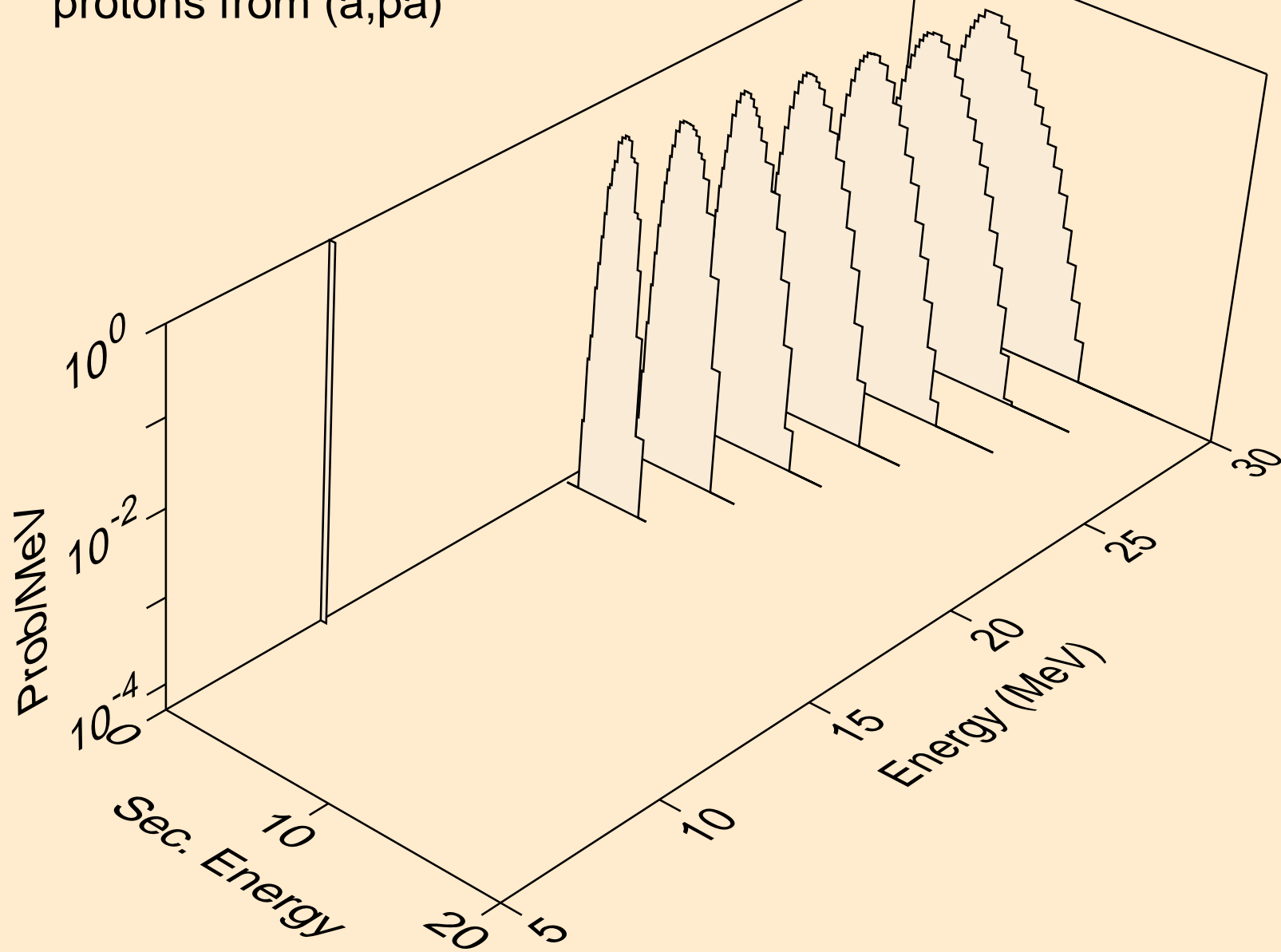
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protons from (a,p)



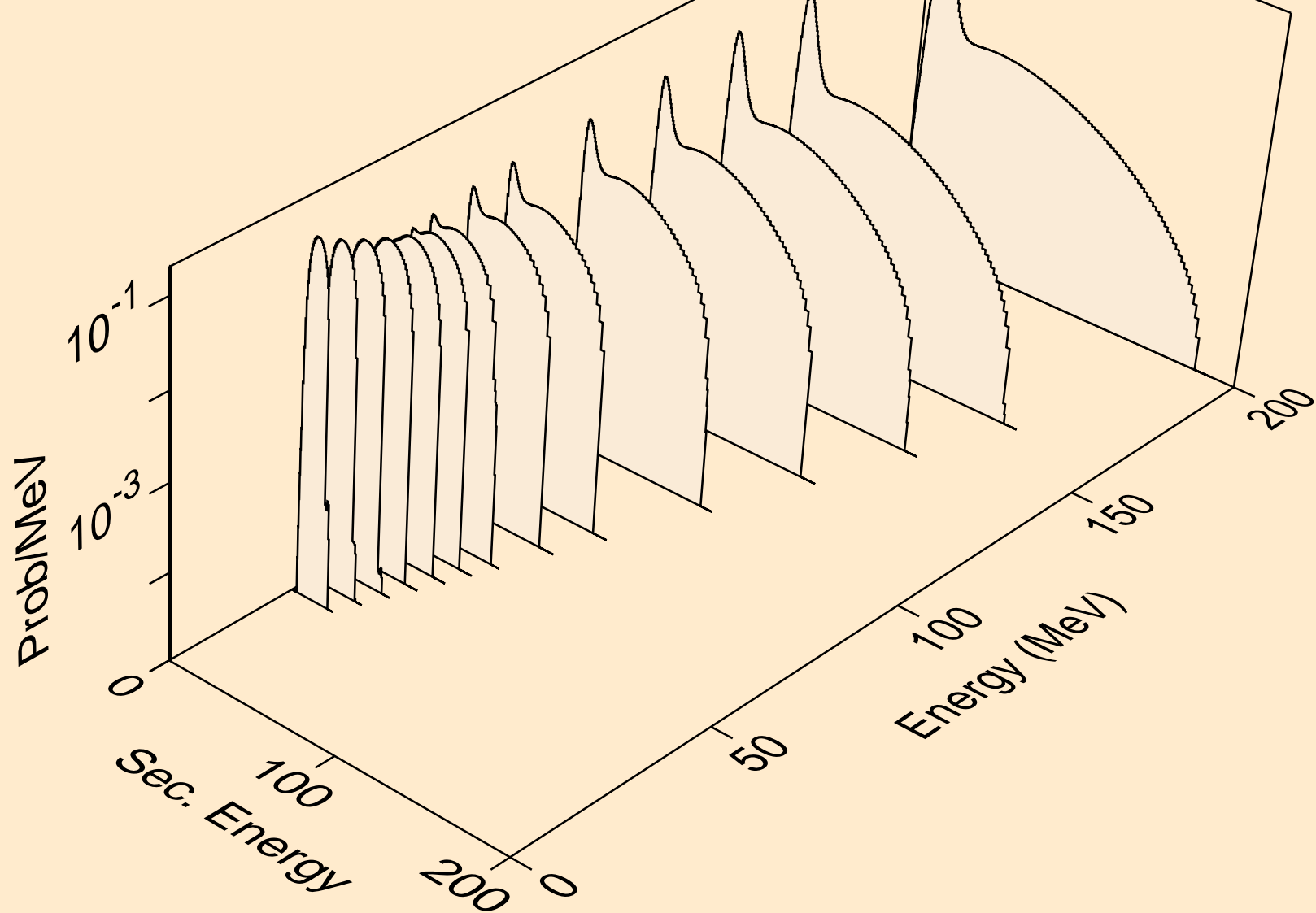
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



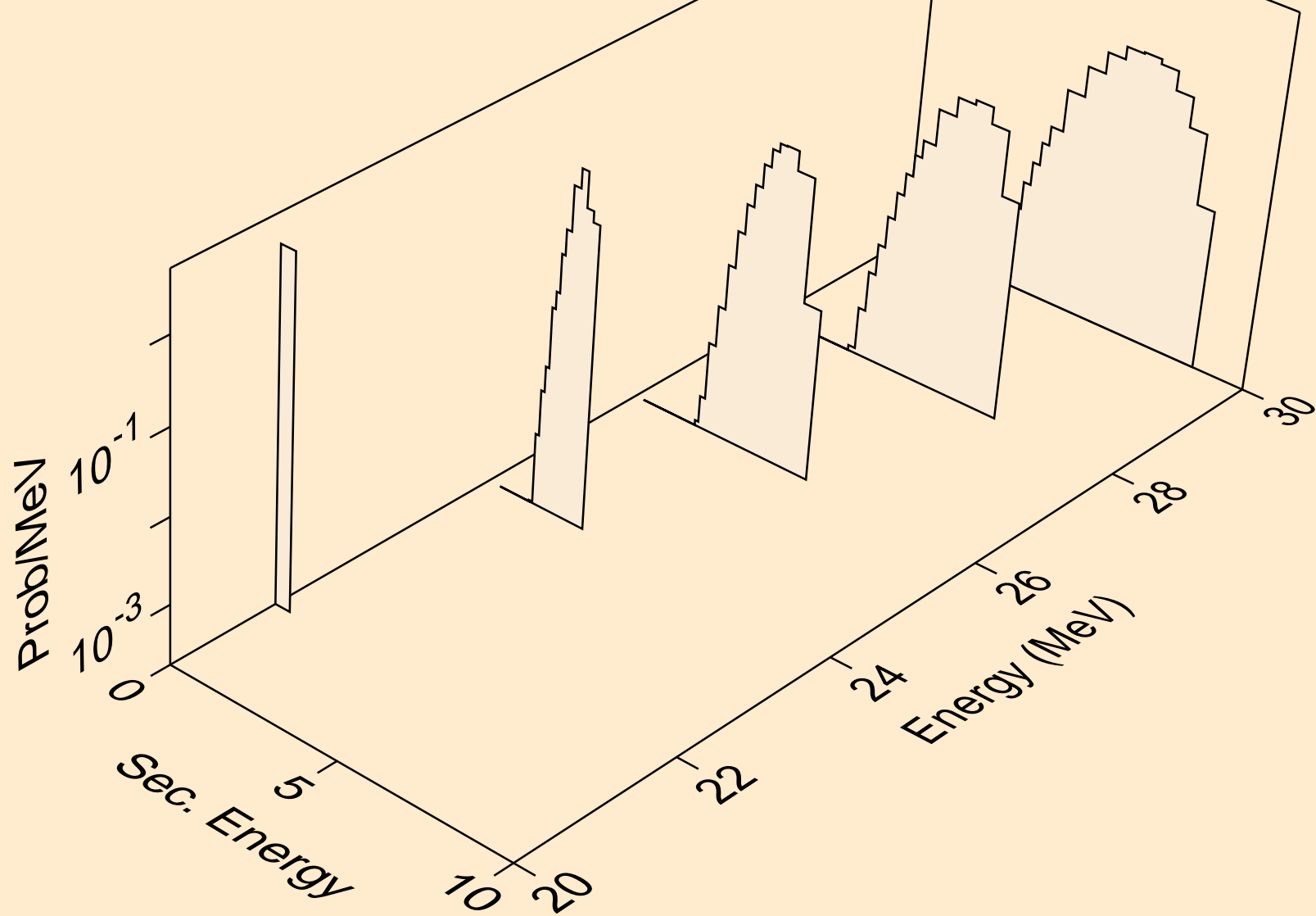
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protons from (a,pa)



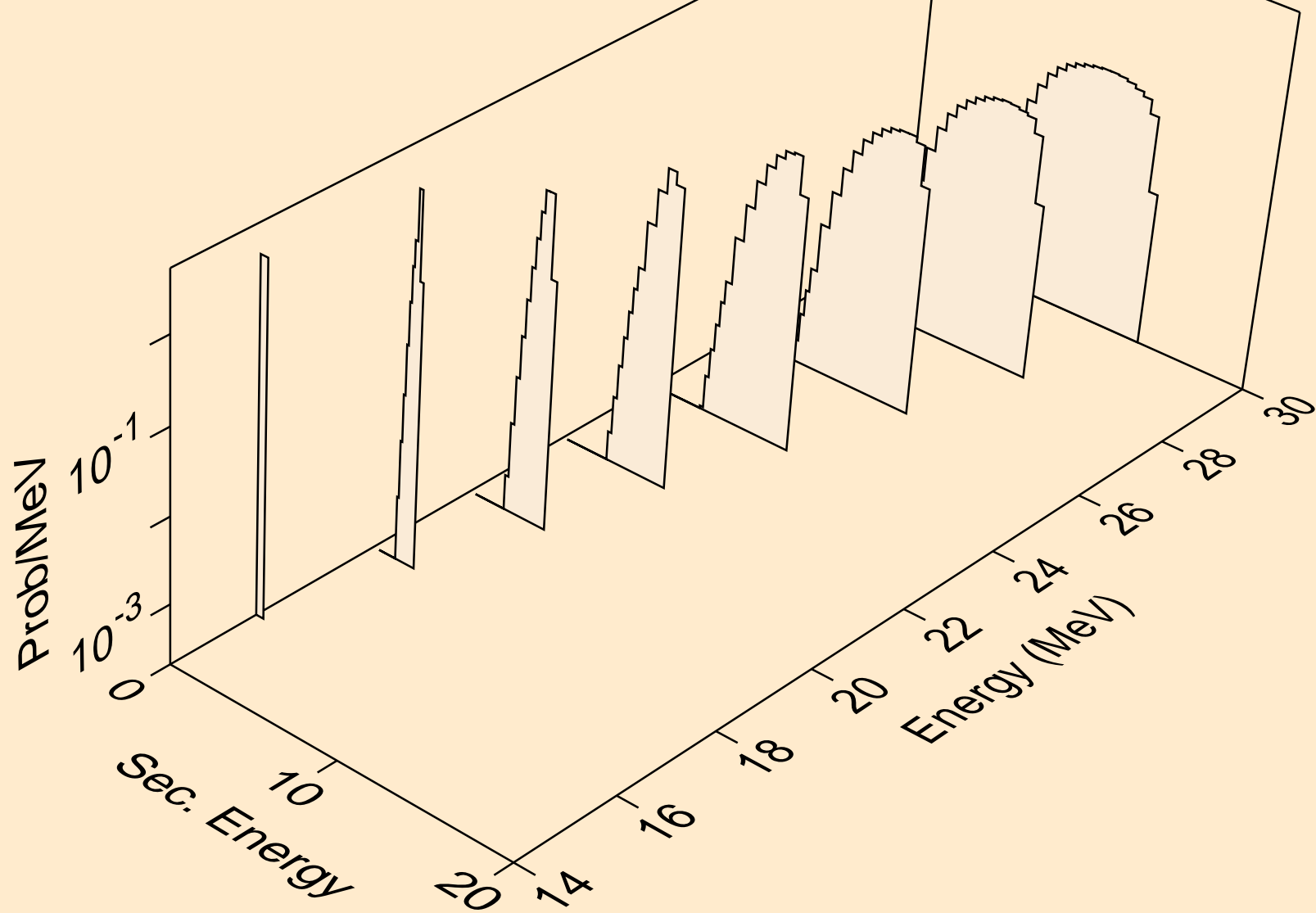
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deuterons from (a,x)



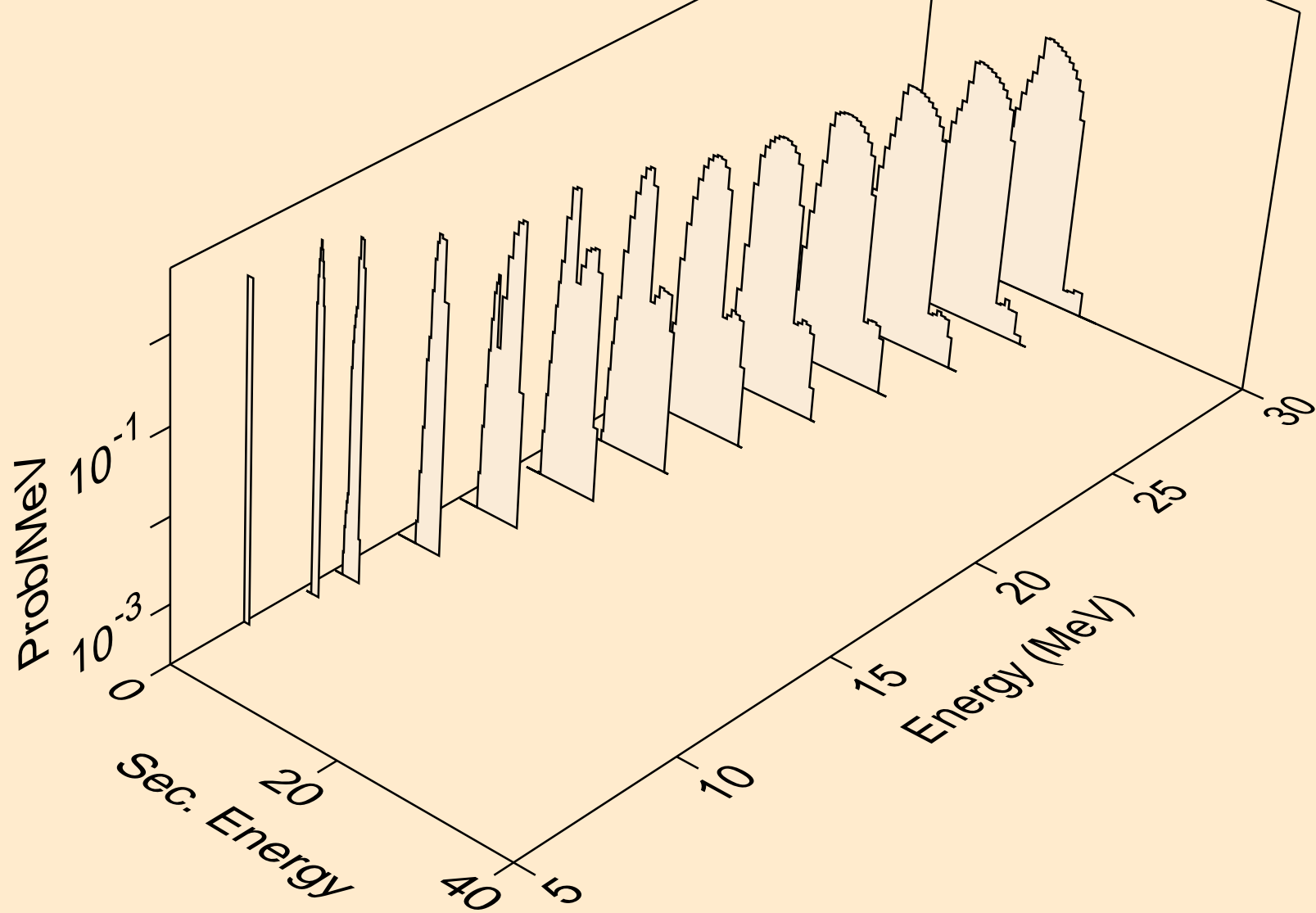
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,2nd)



NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d

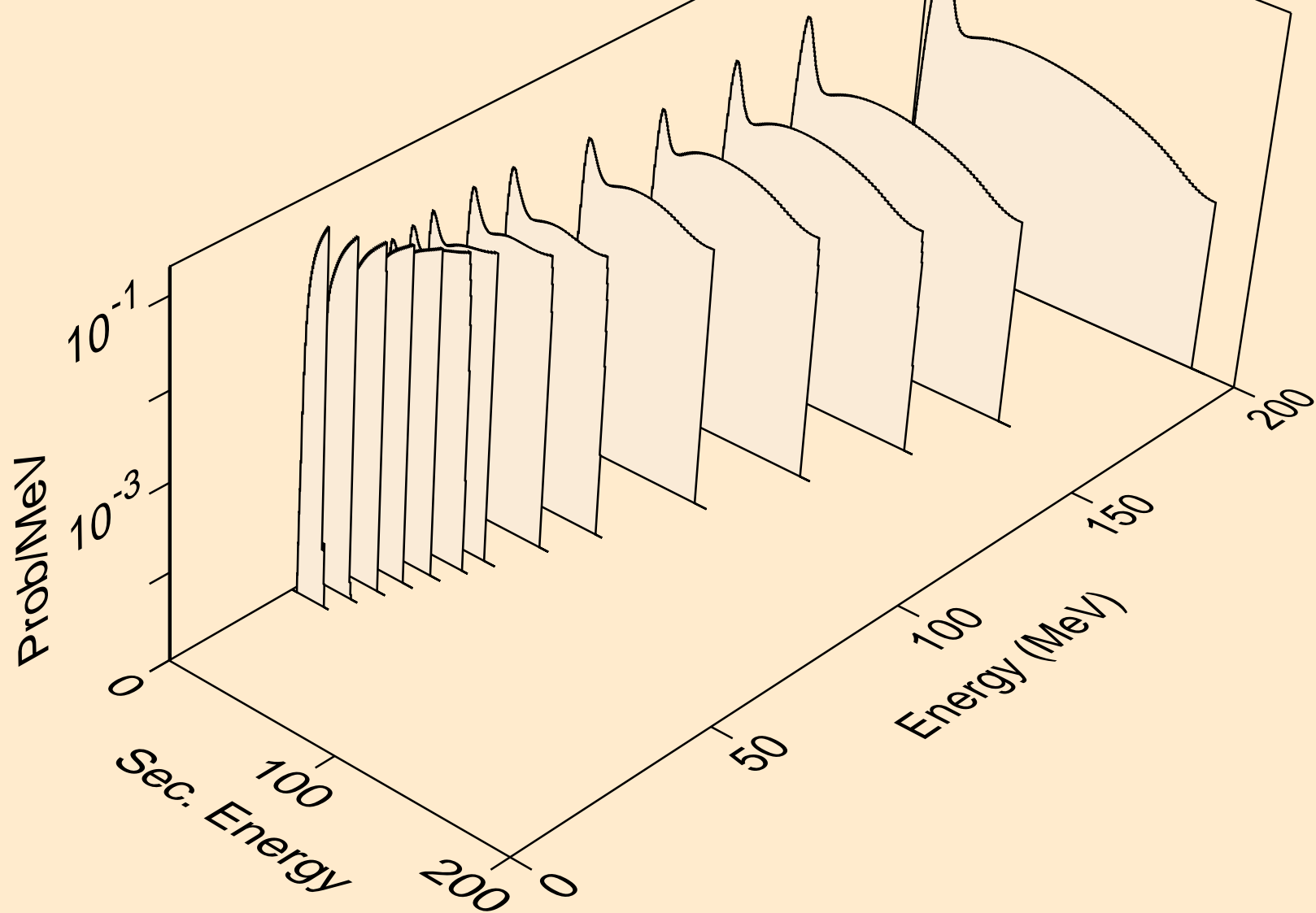


NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)

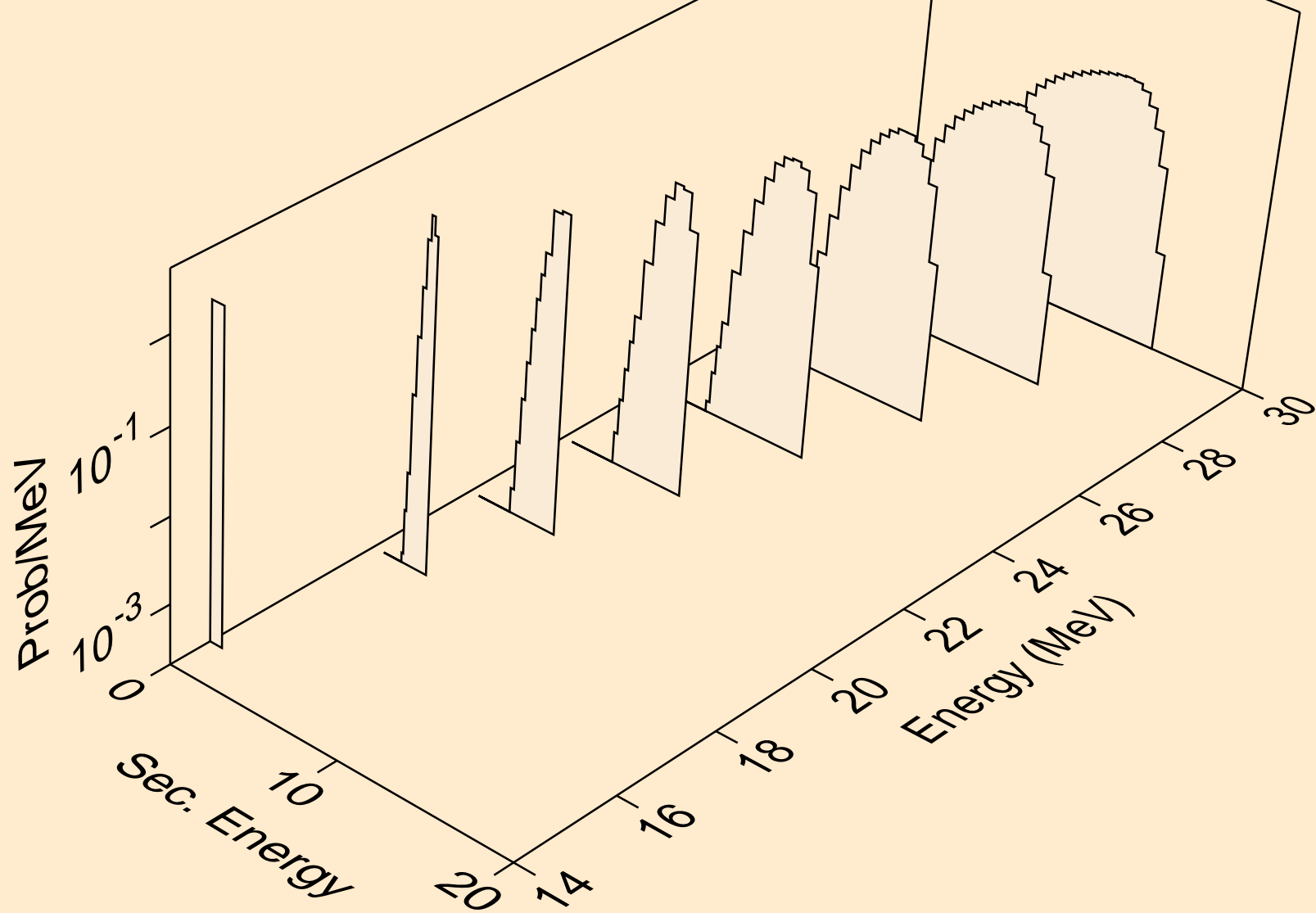




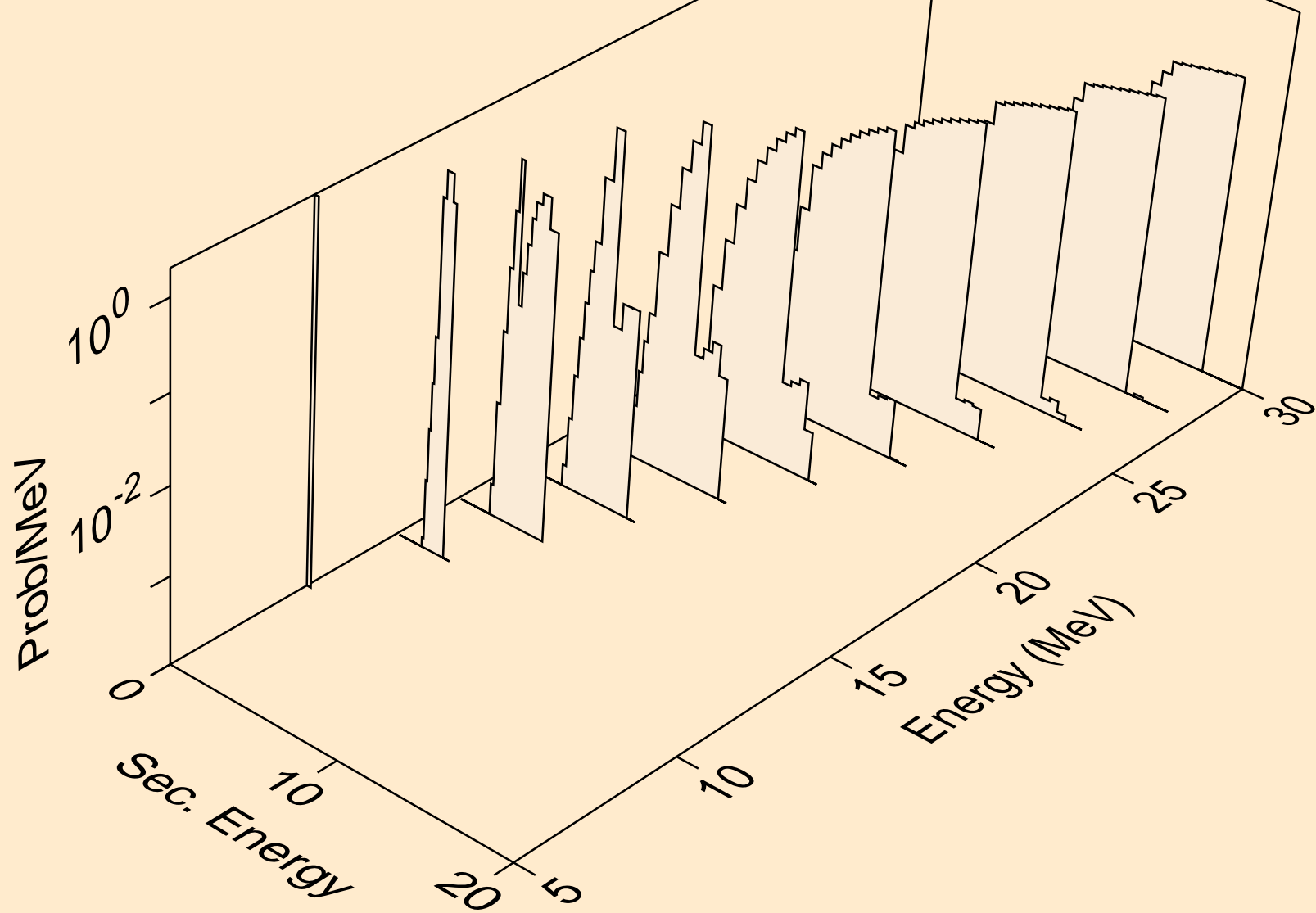
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



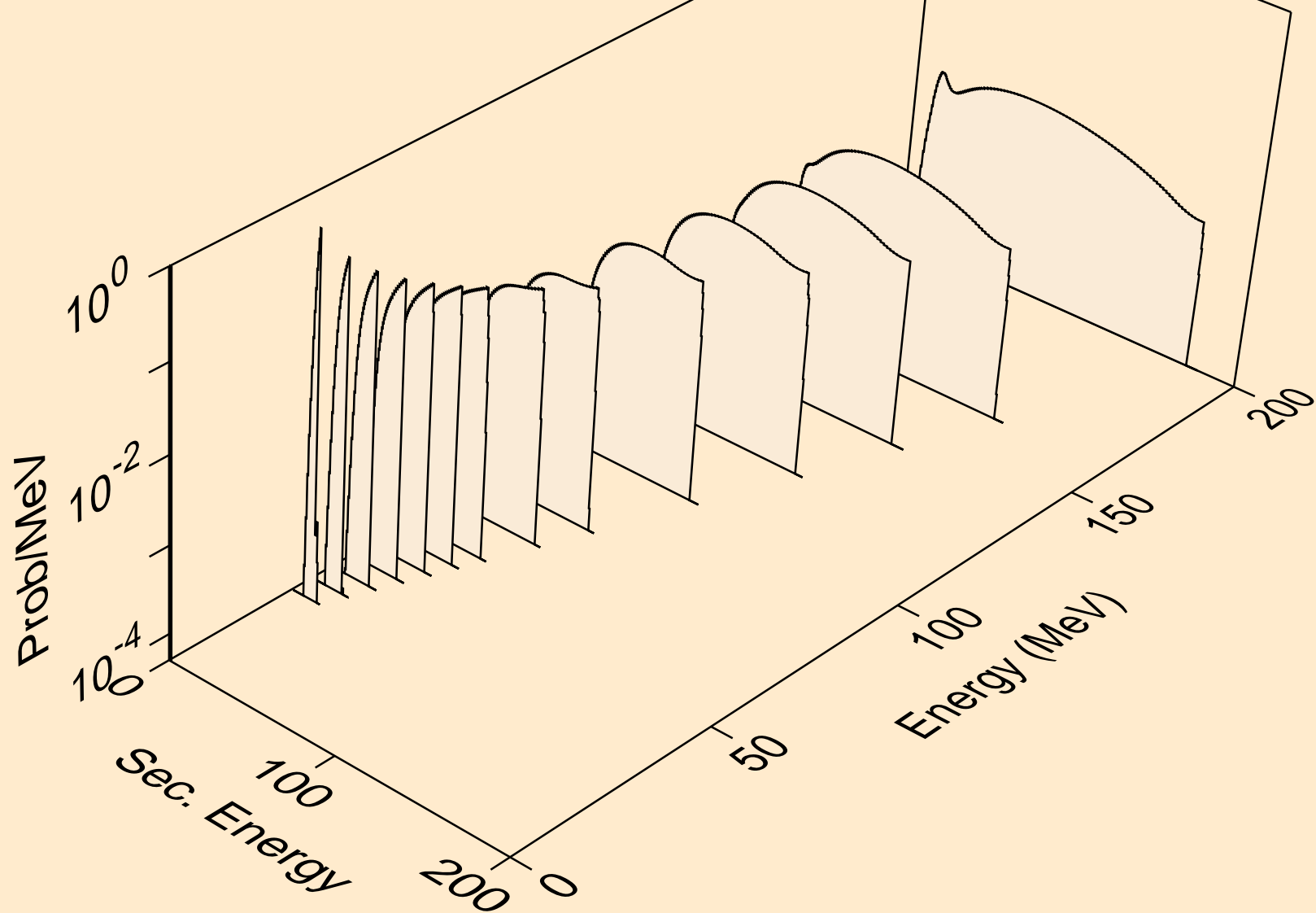
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tritons from (a,n\*)t



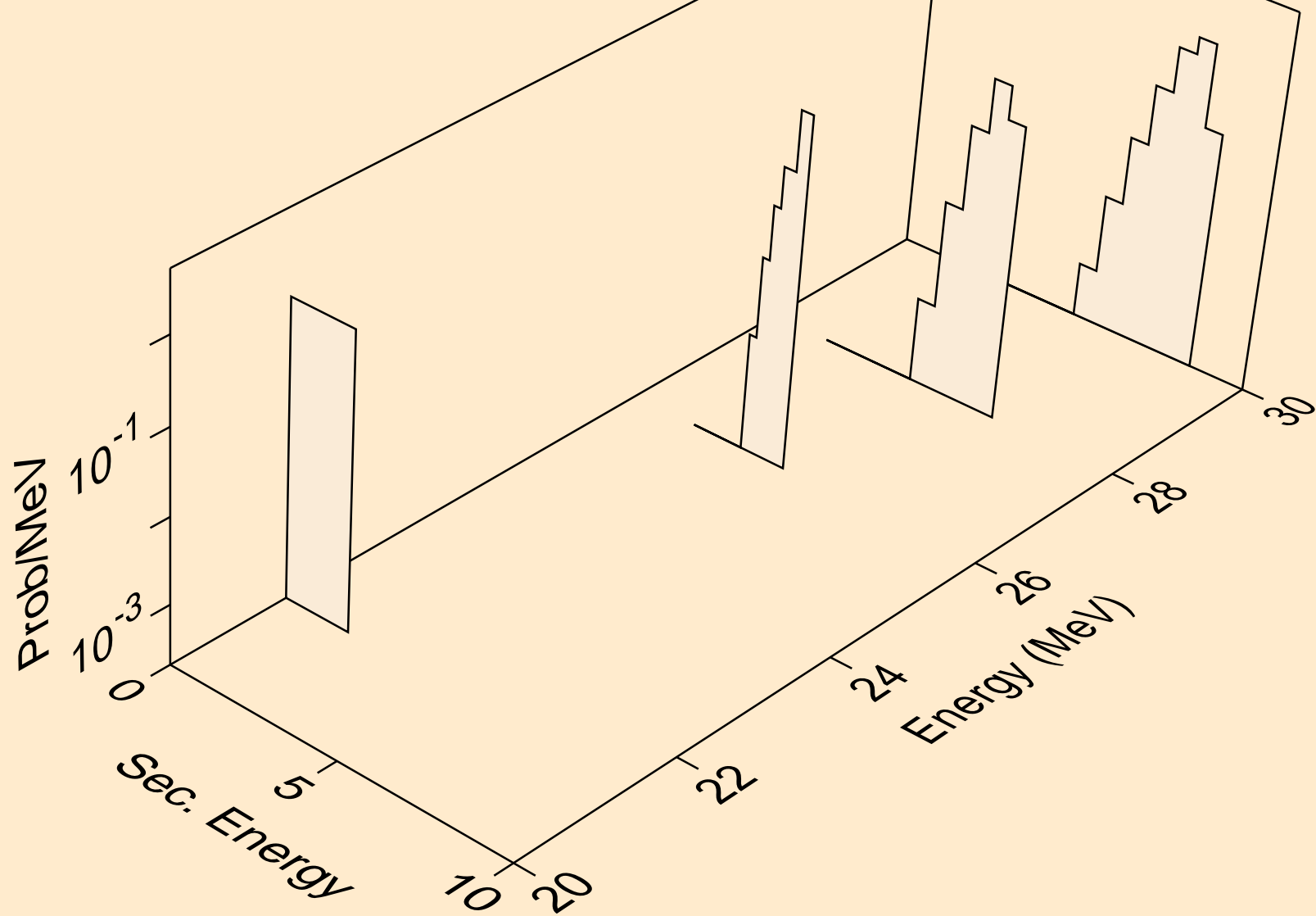
NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



NB100 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

