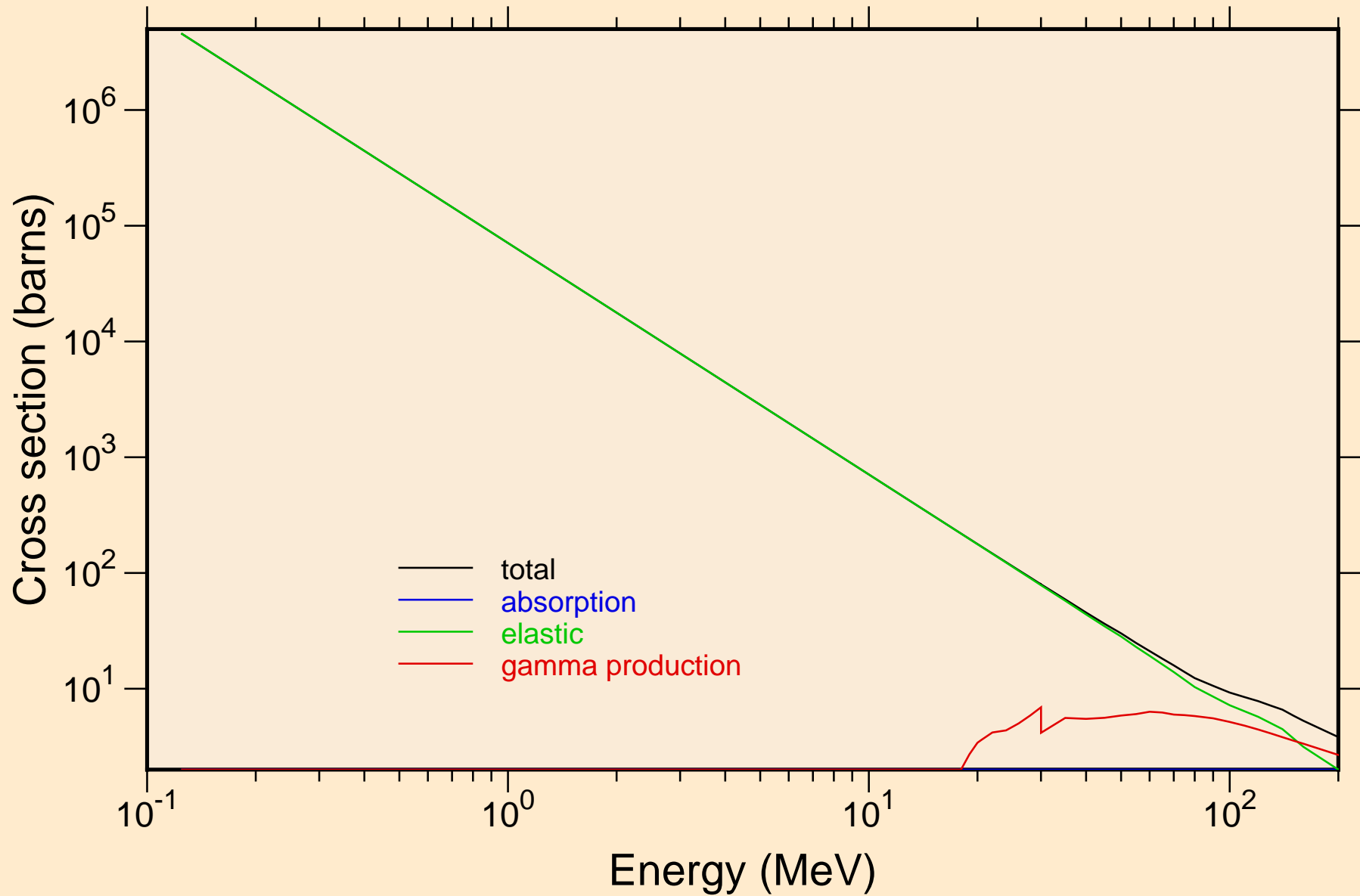
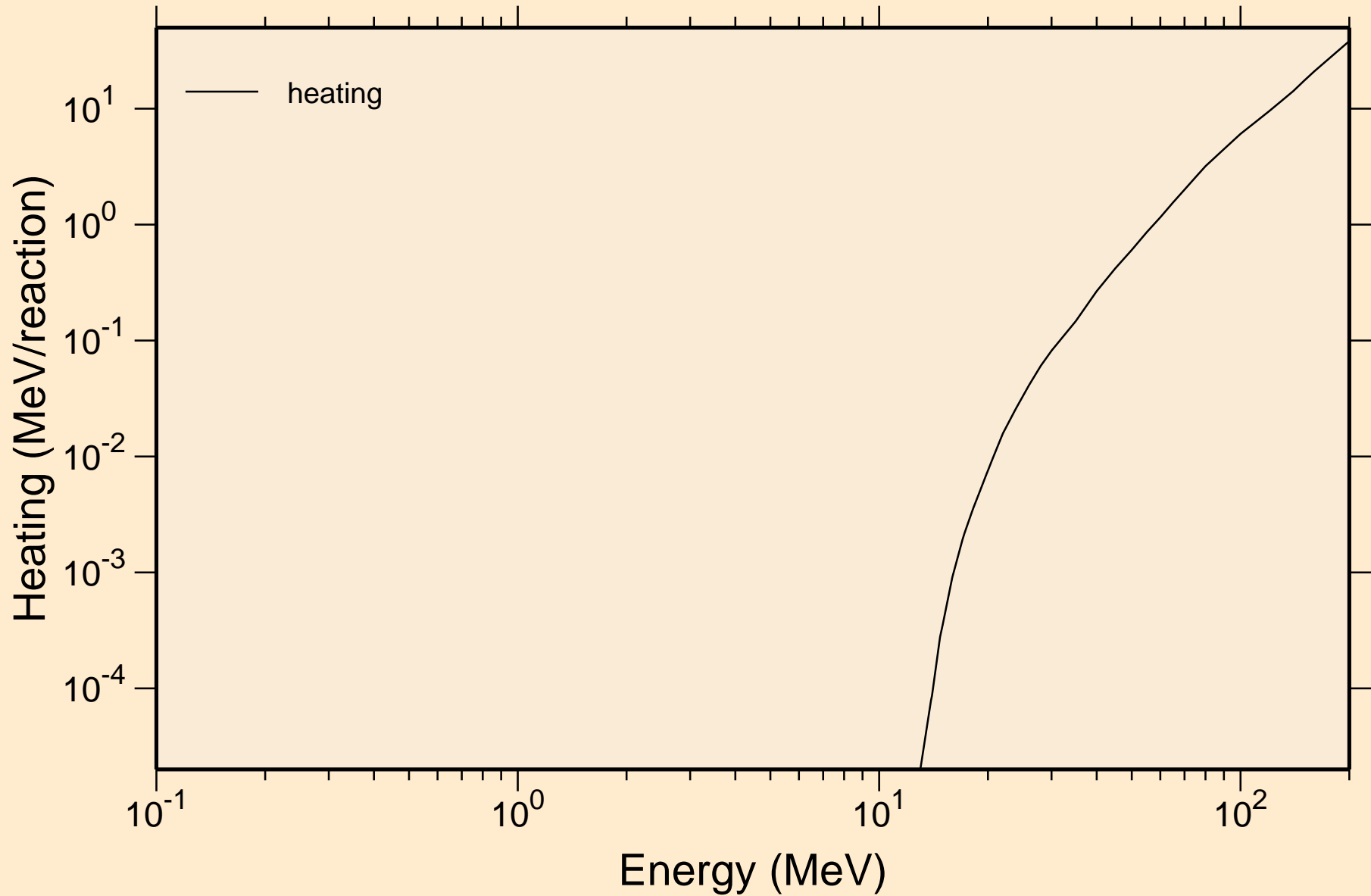


TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



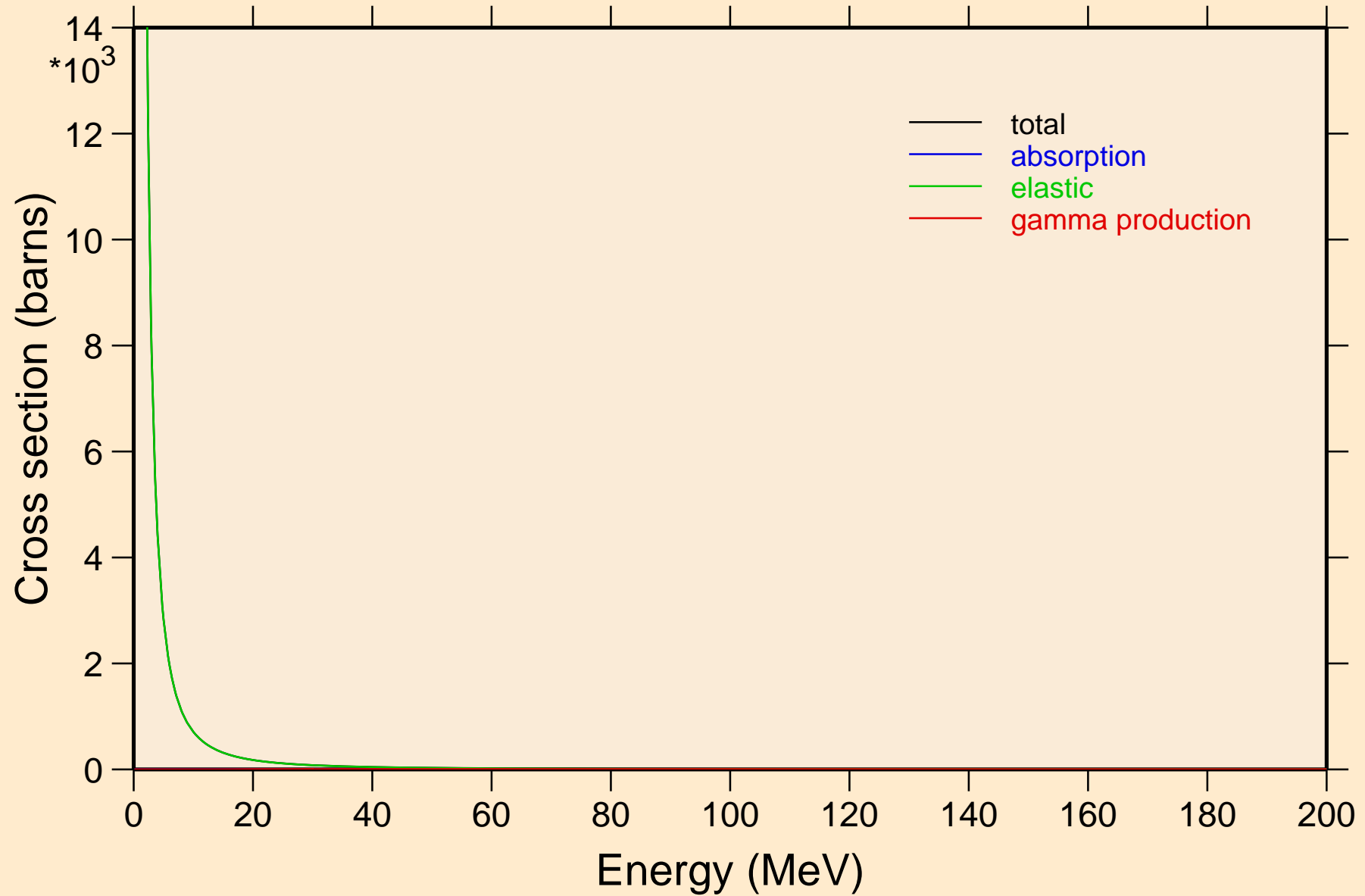
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



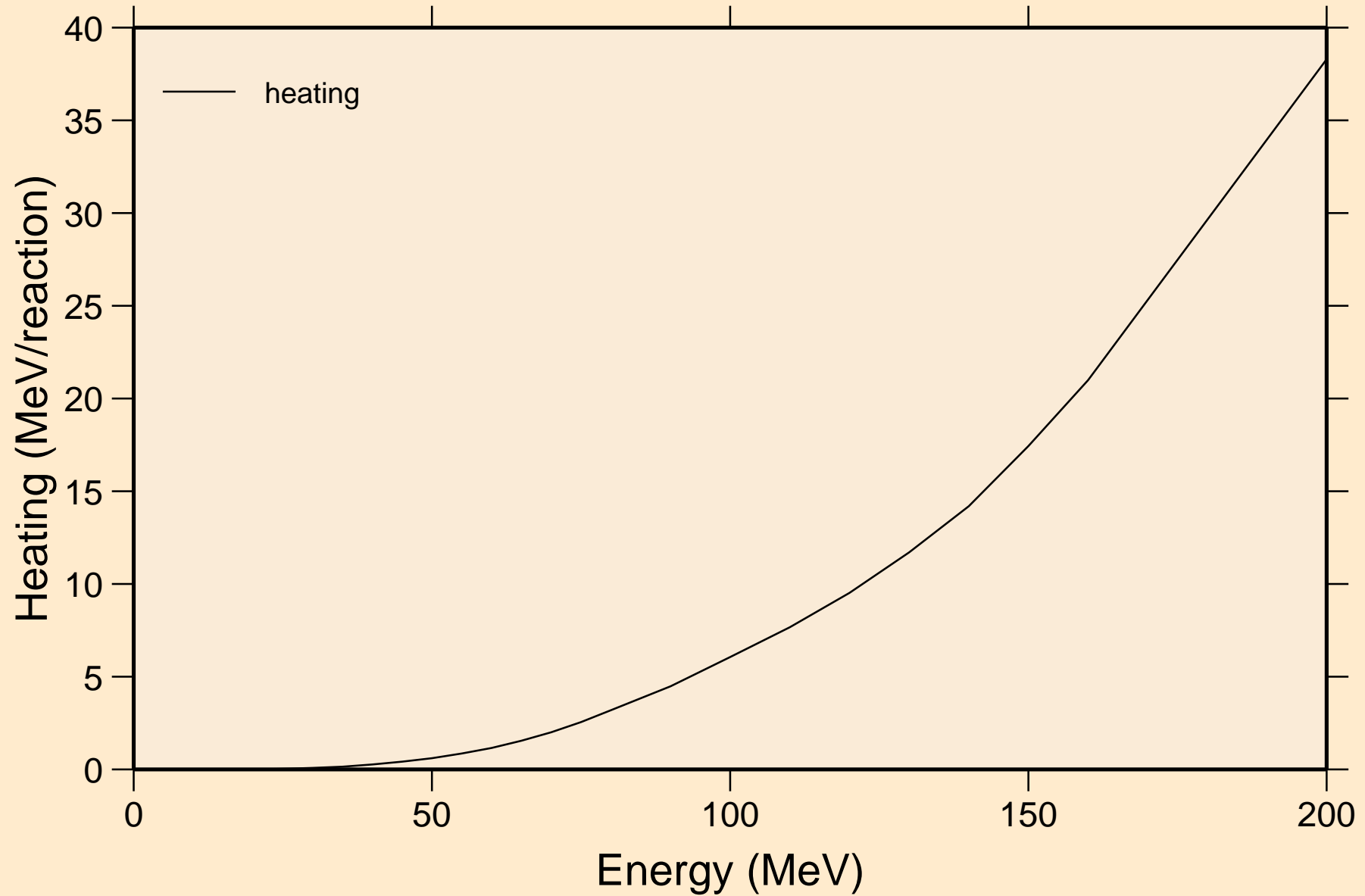
# TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

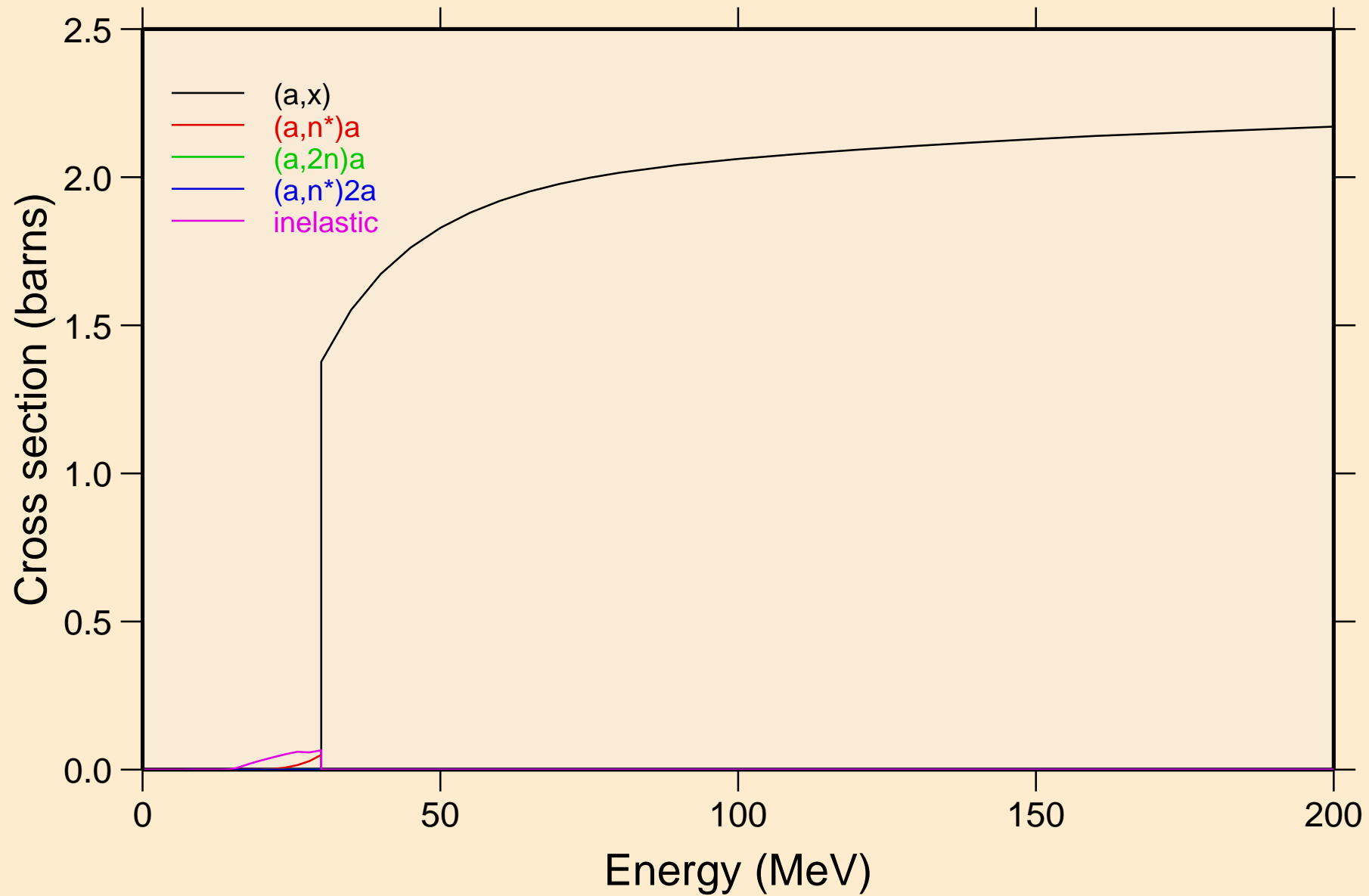


TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

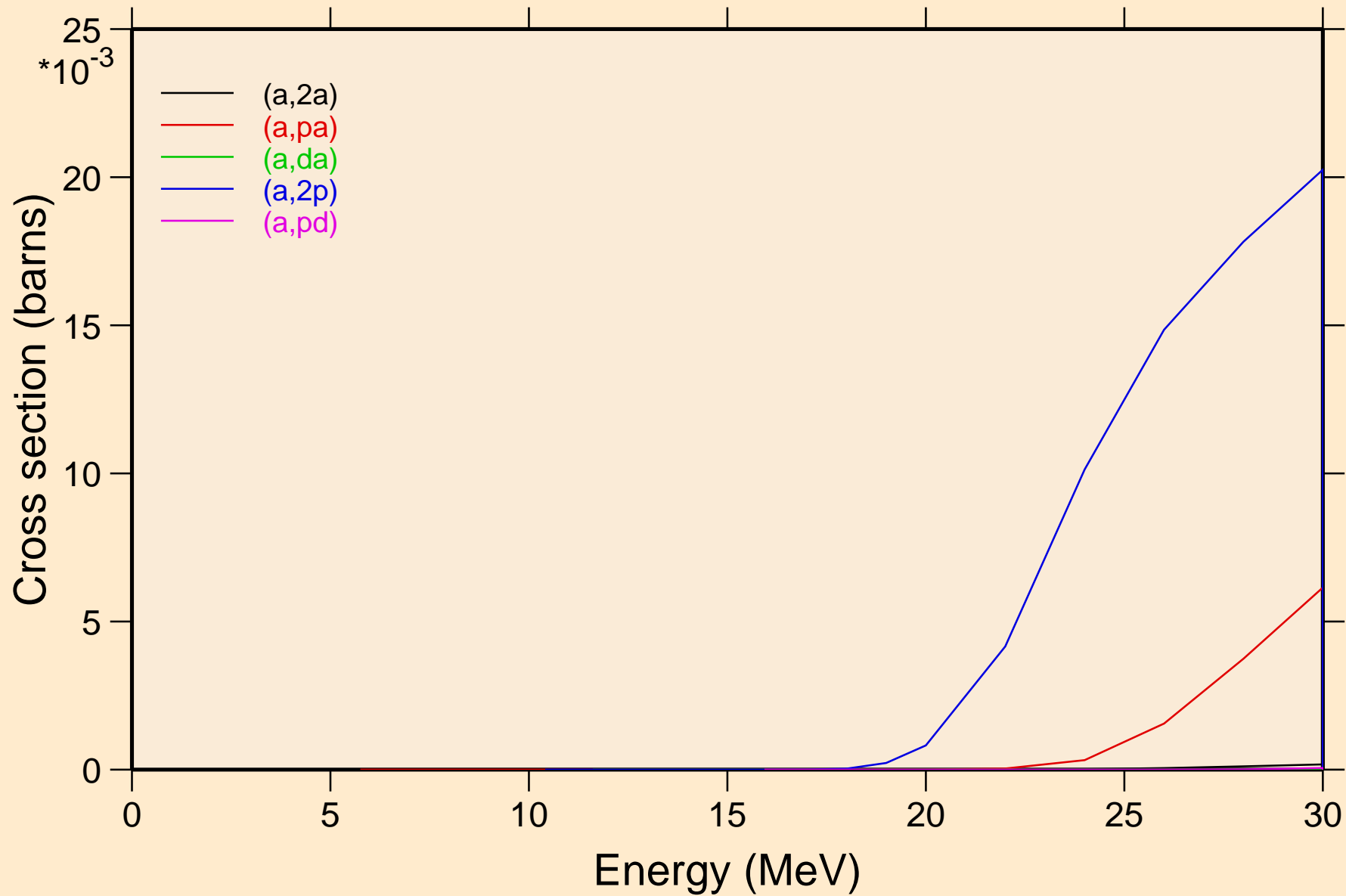
Heating



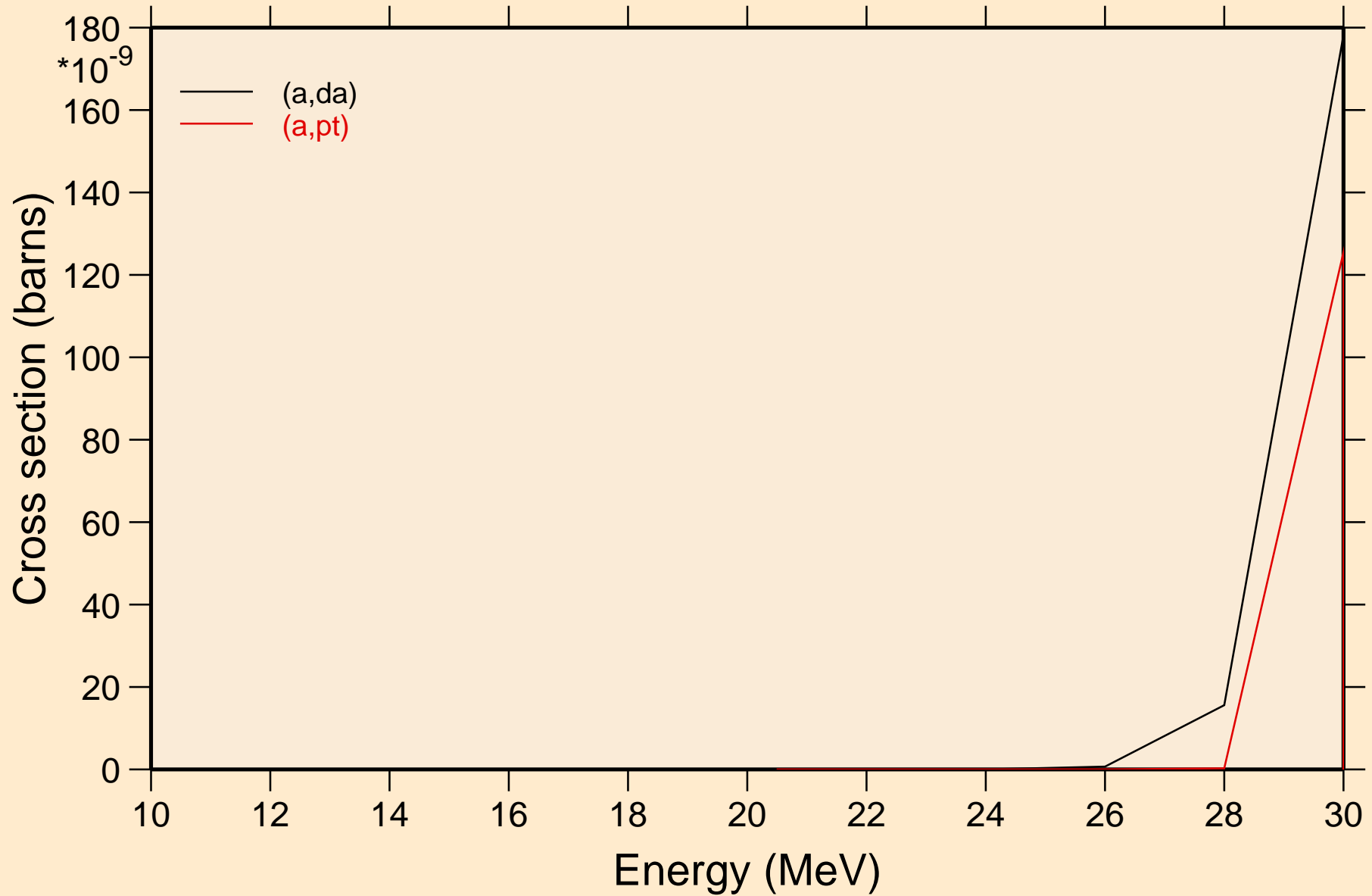
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



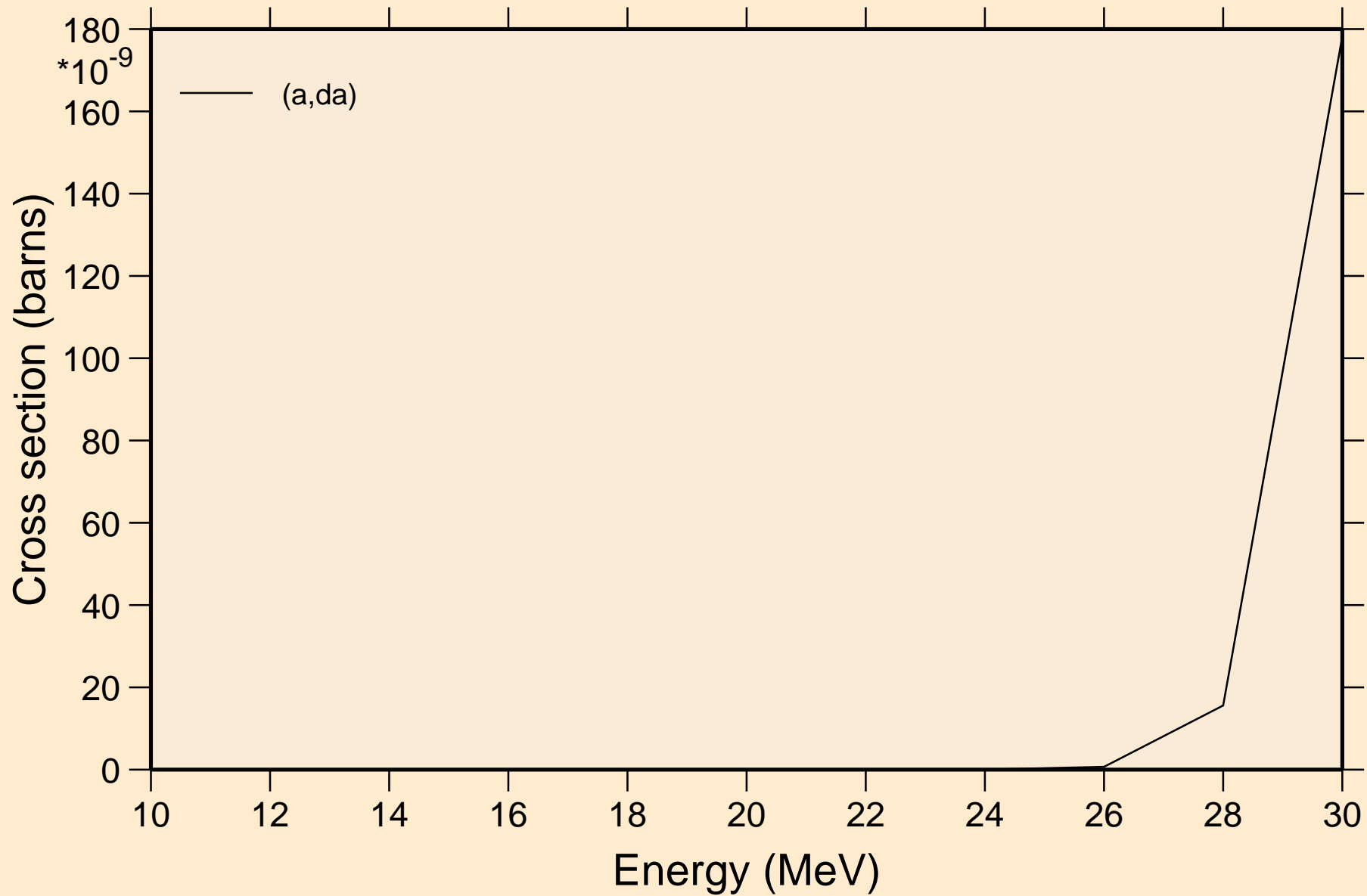
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

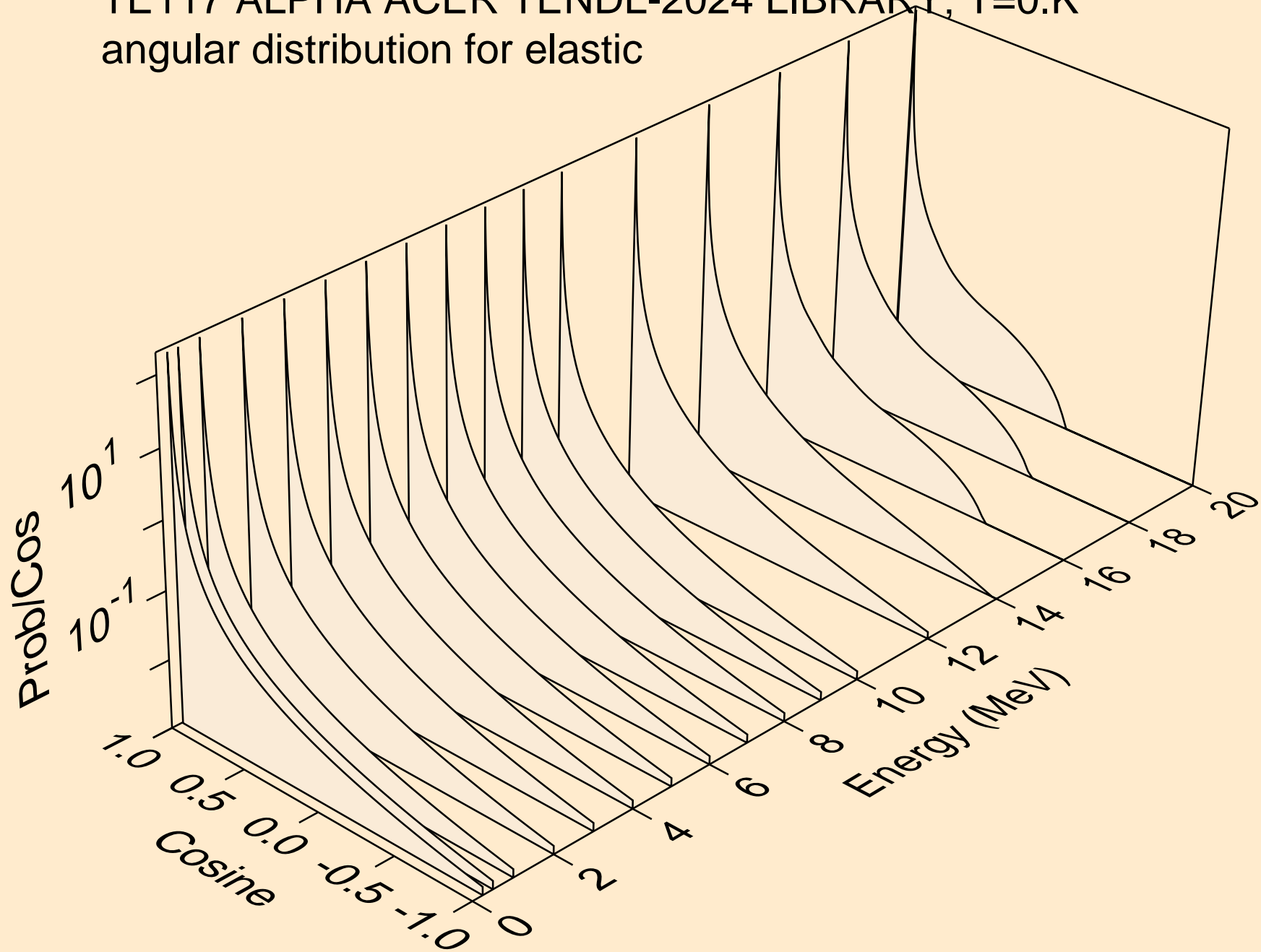


TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

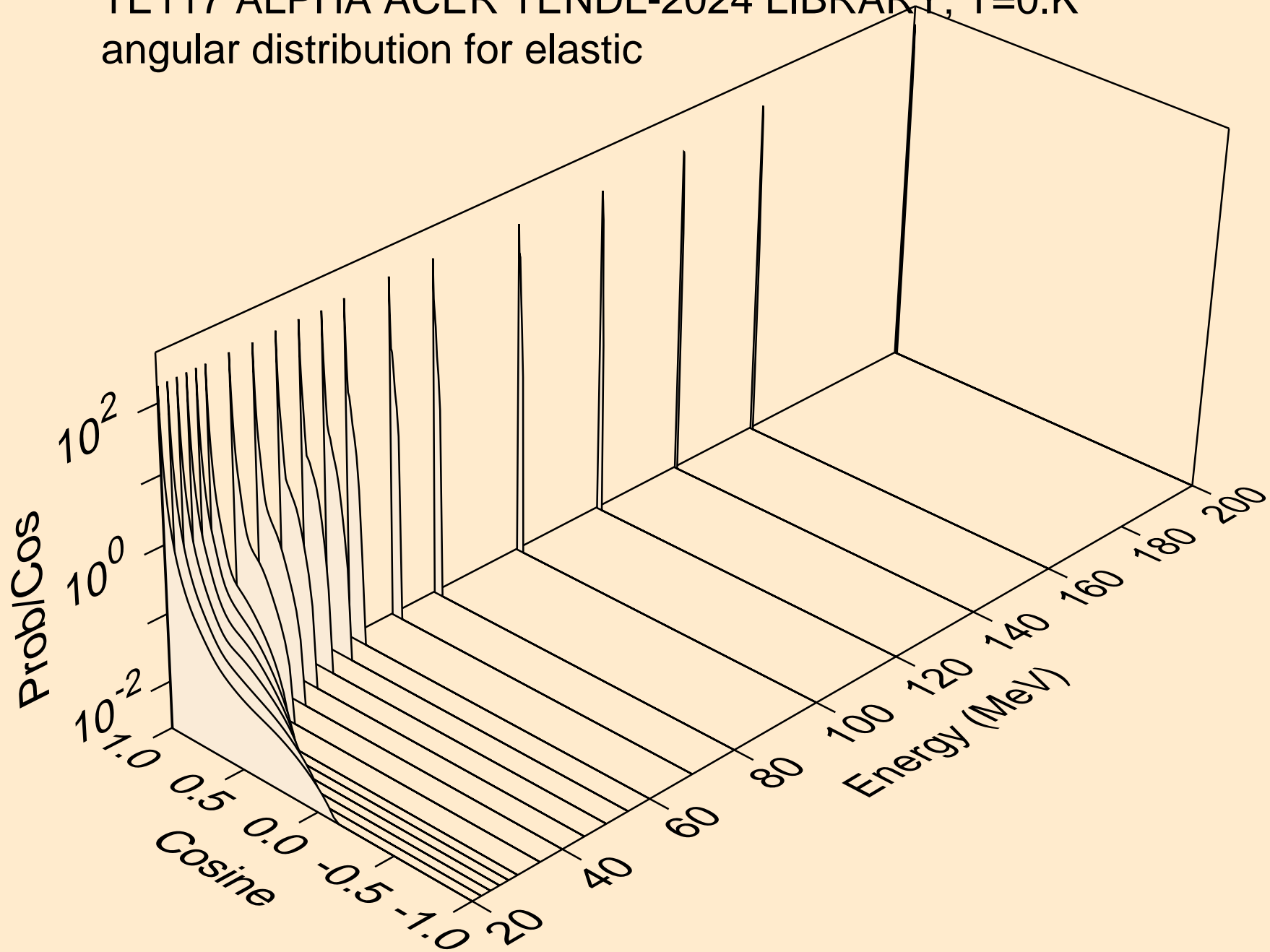




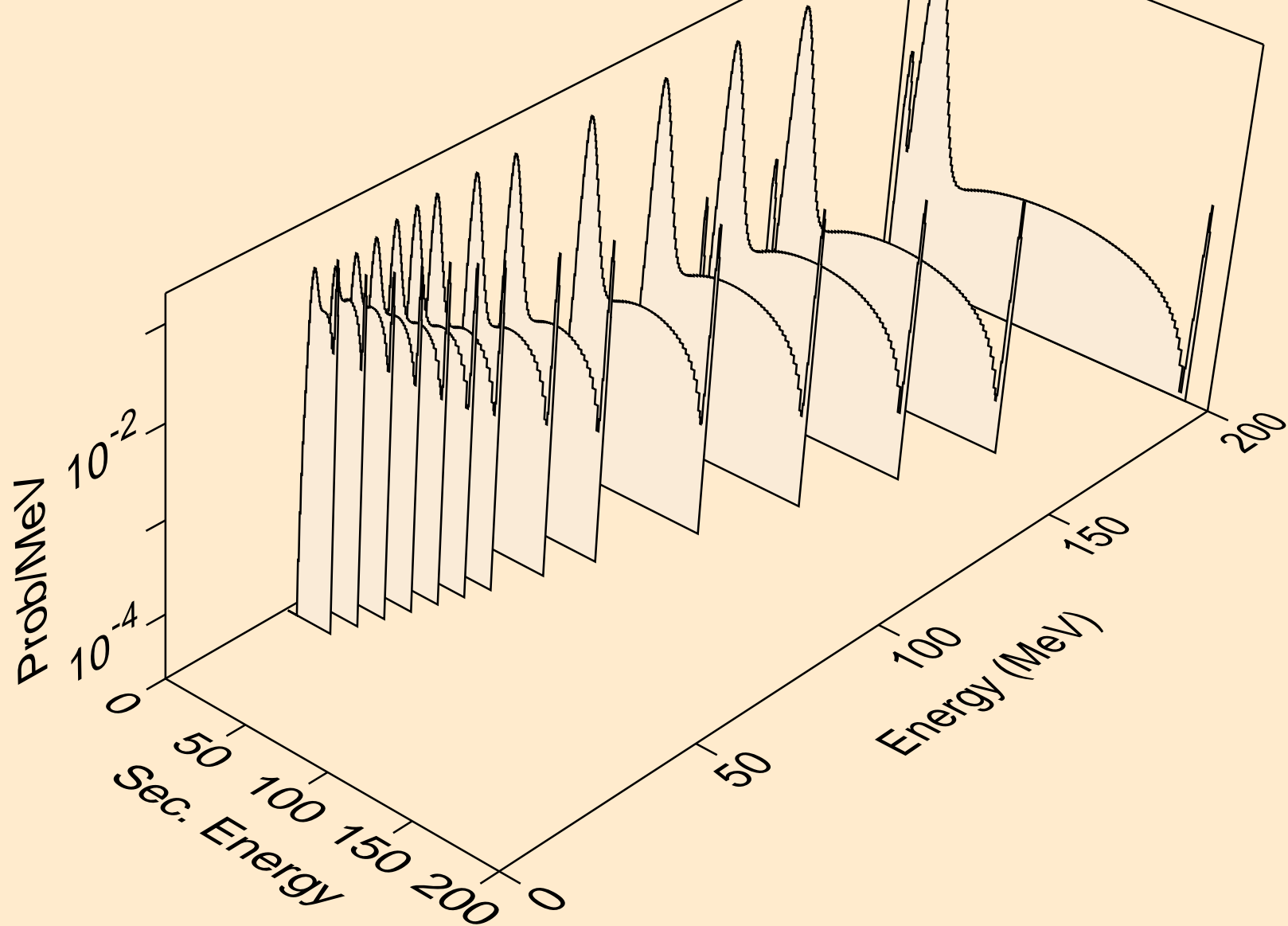
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



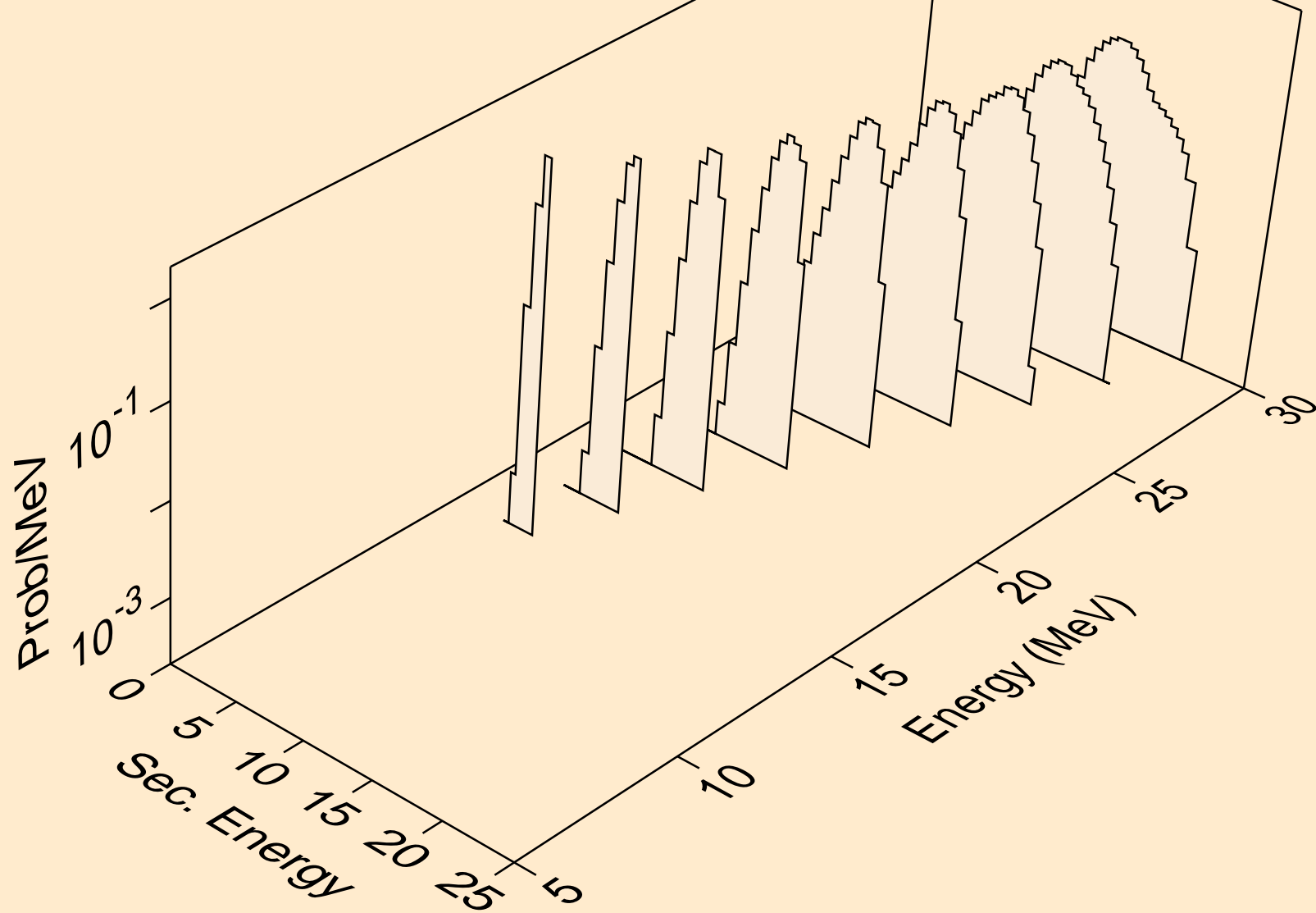
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



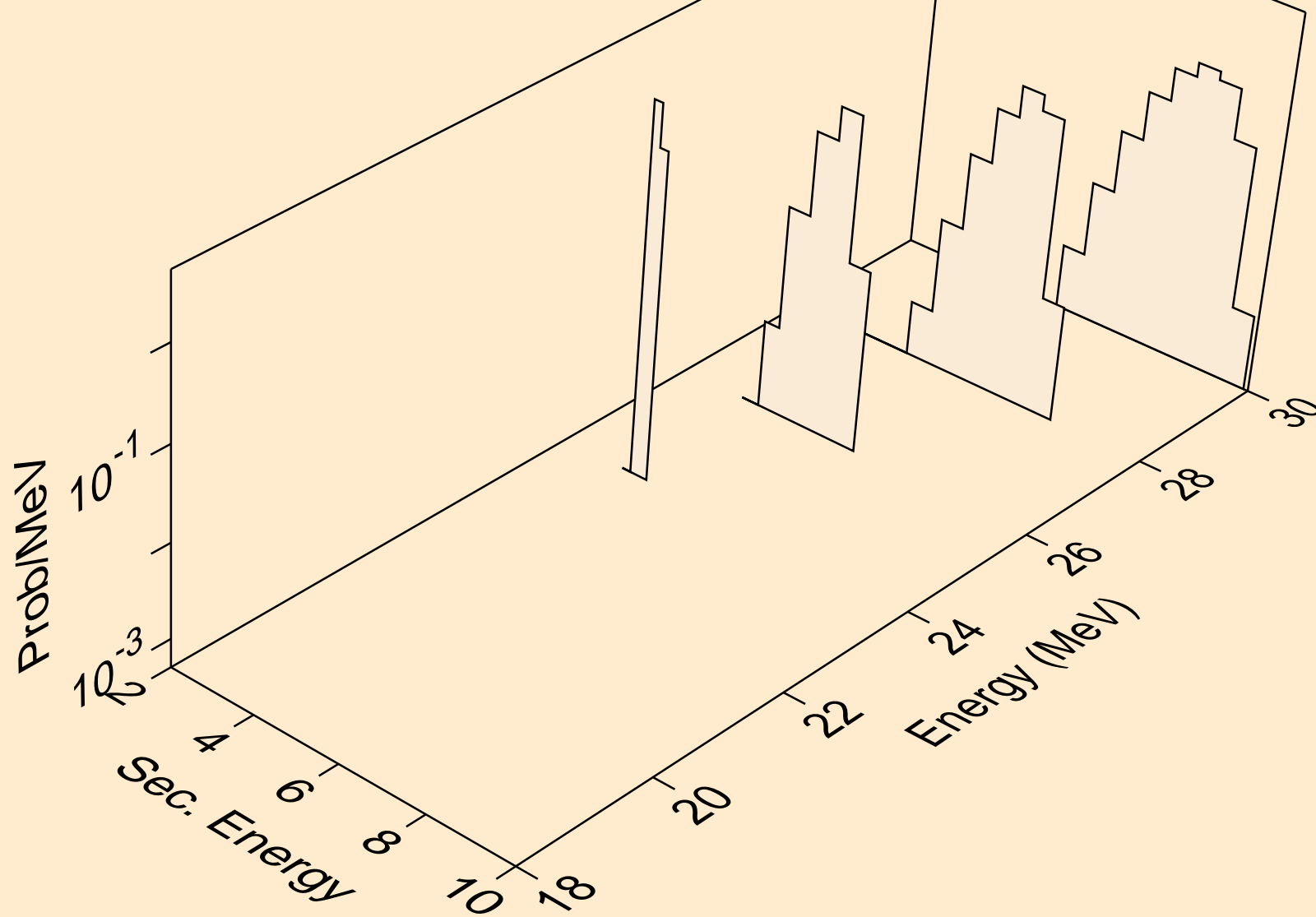
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)



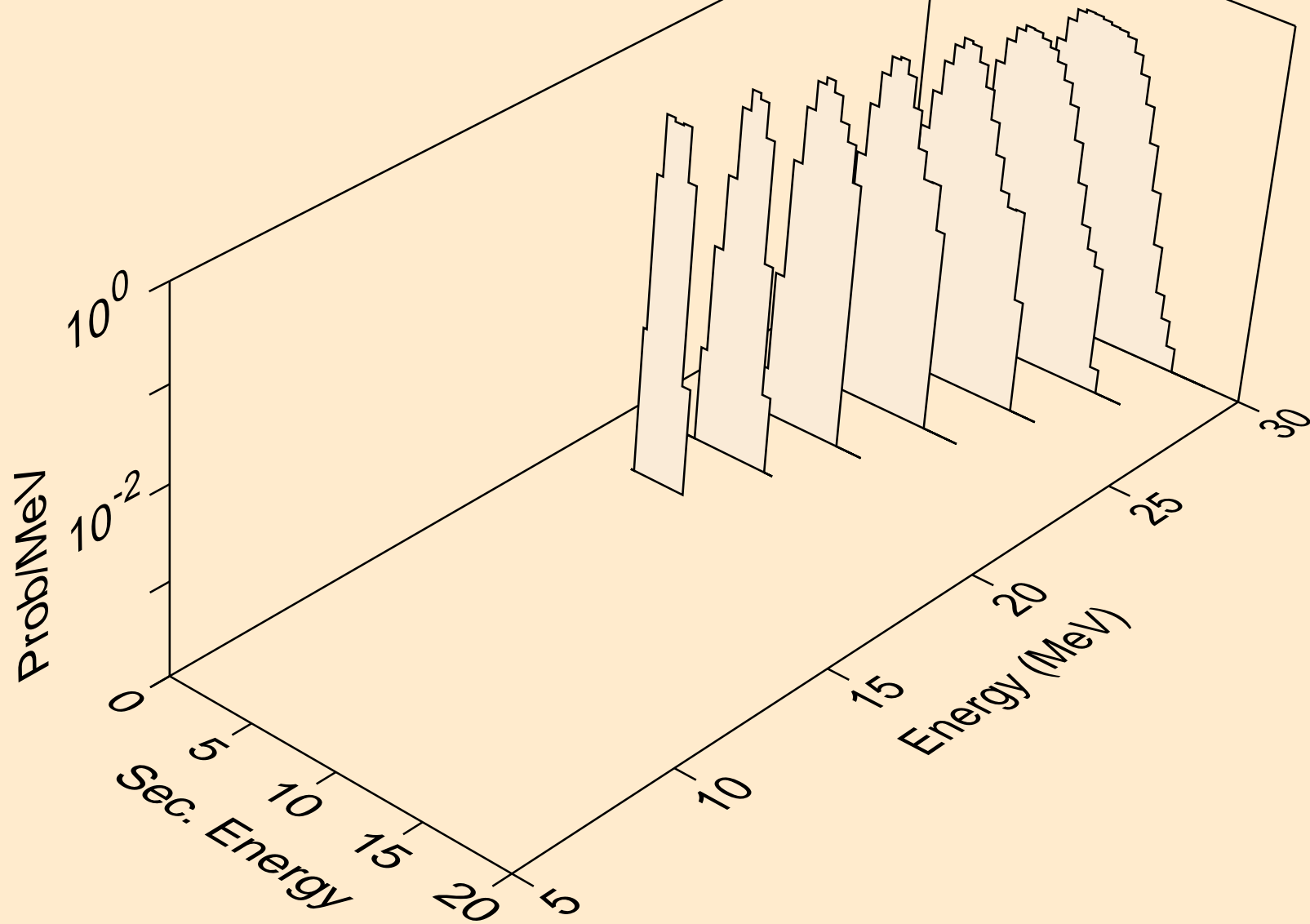
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



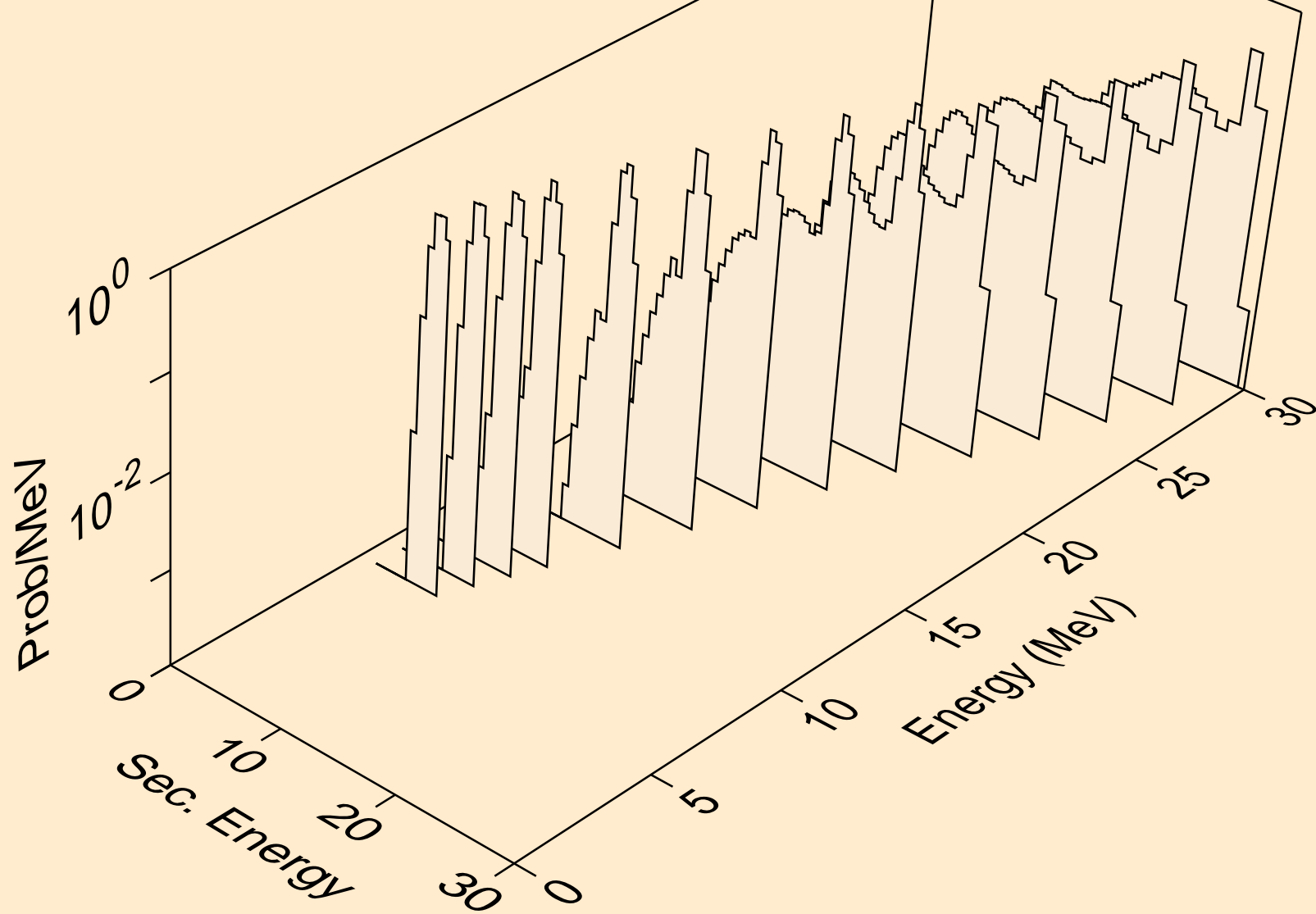
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



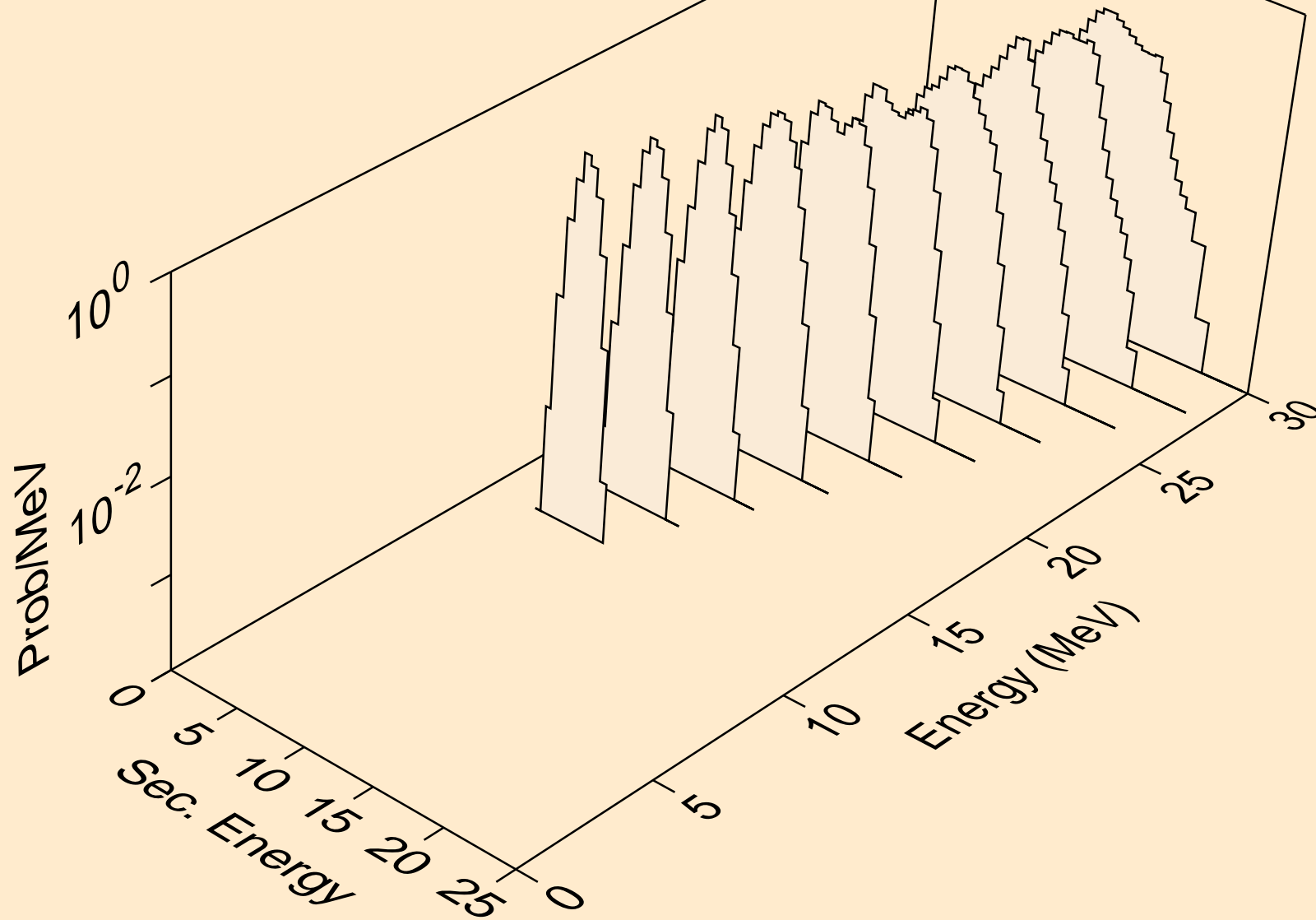
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic

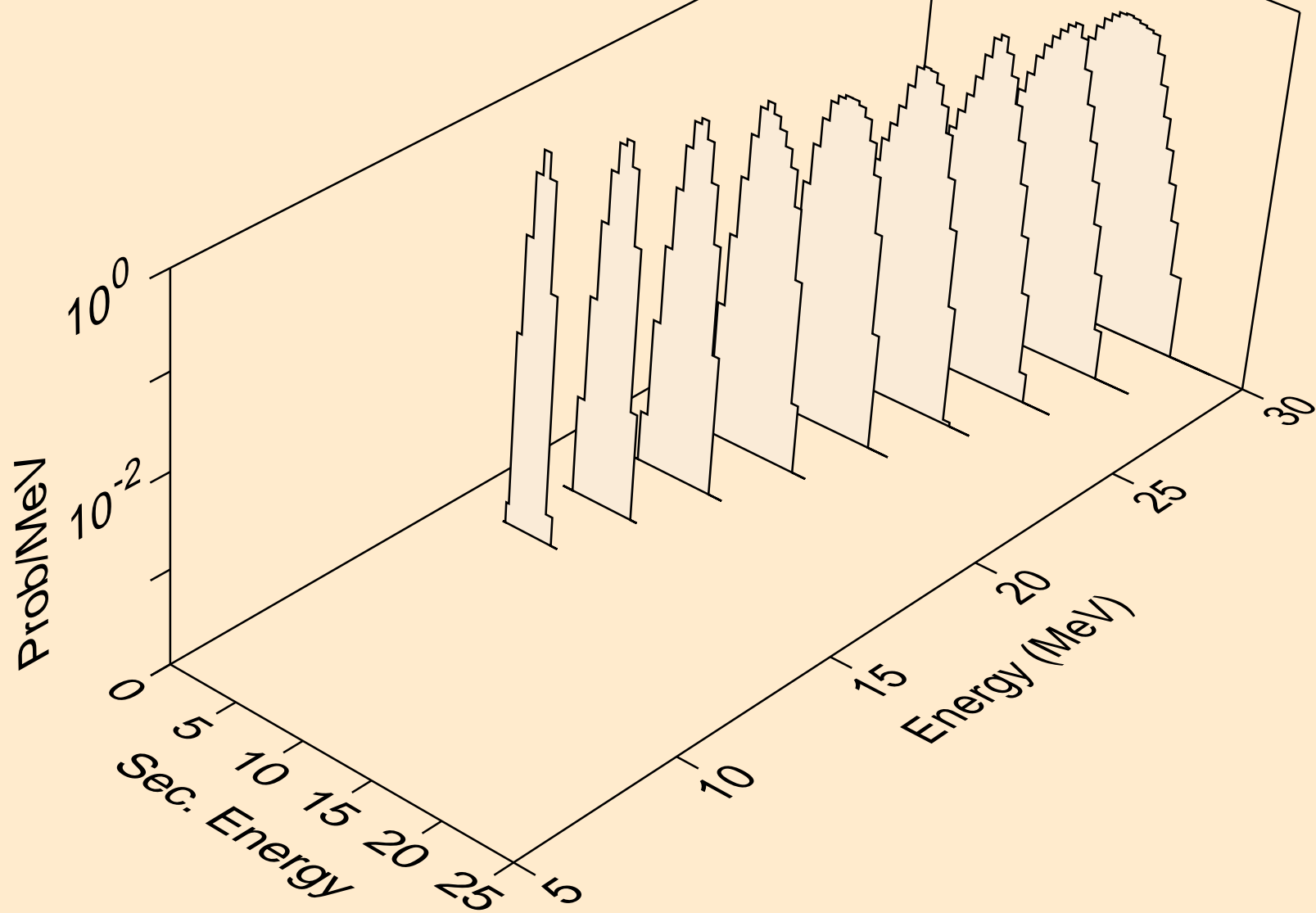


TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2a)

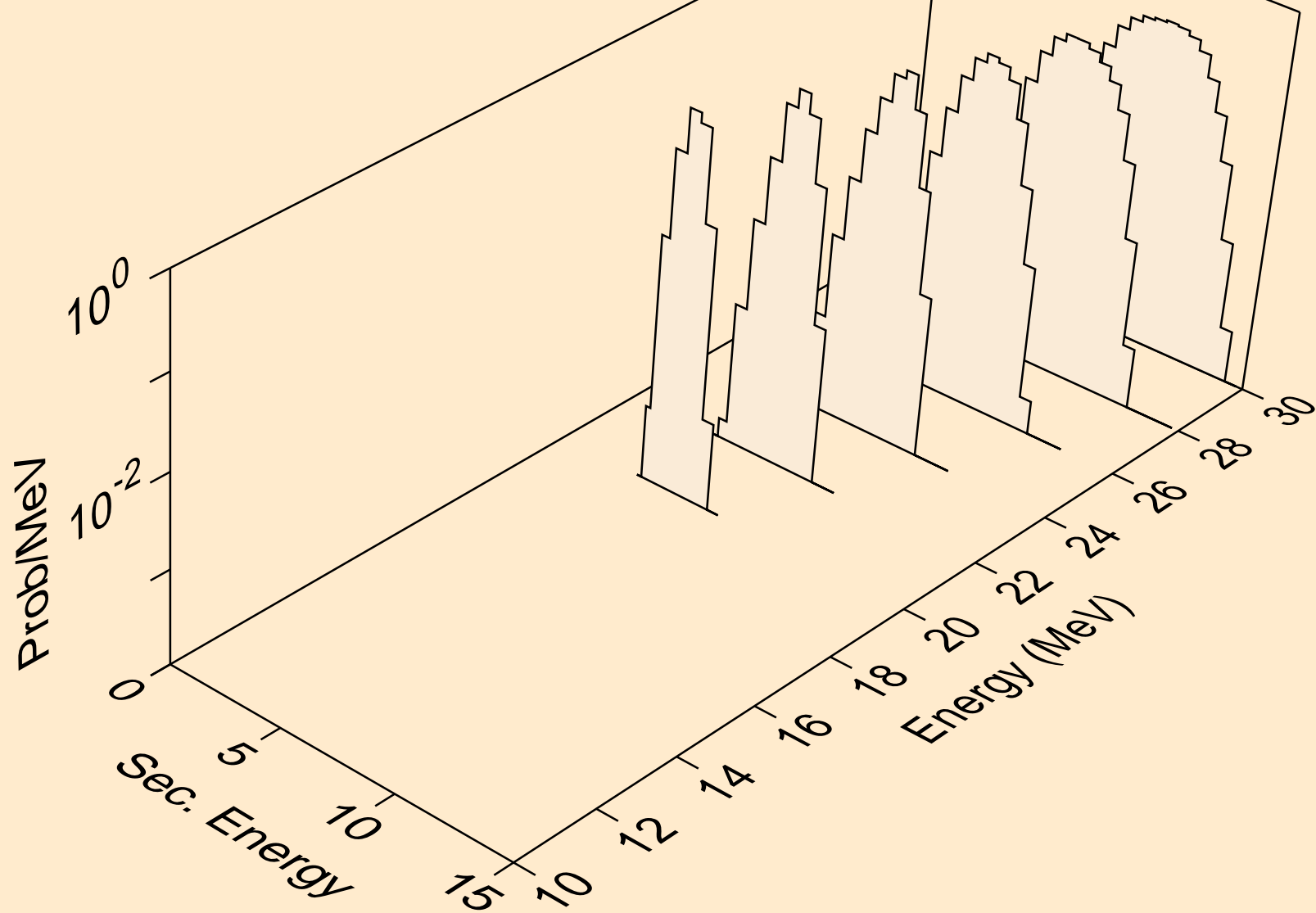




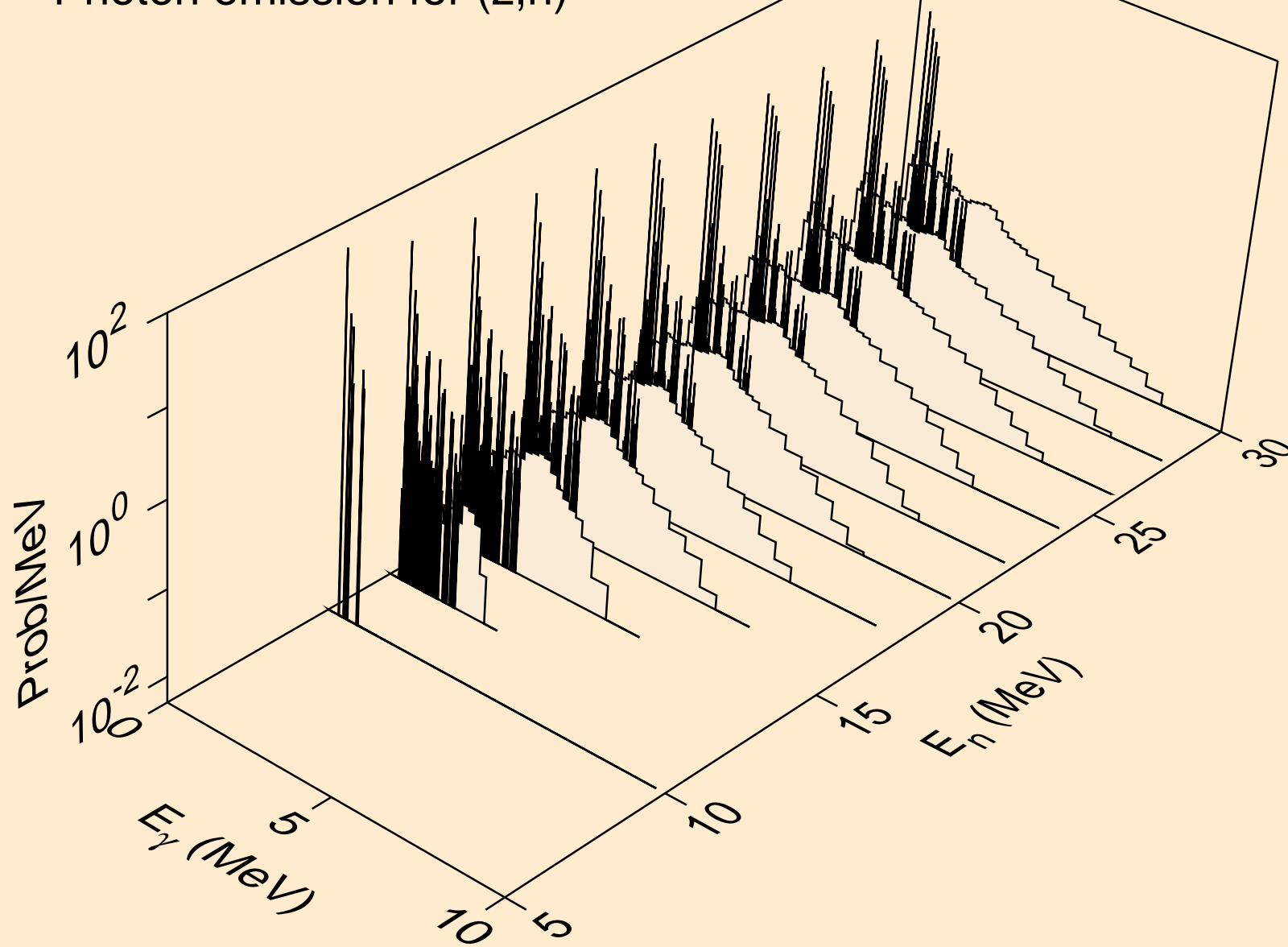
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,pa)



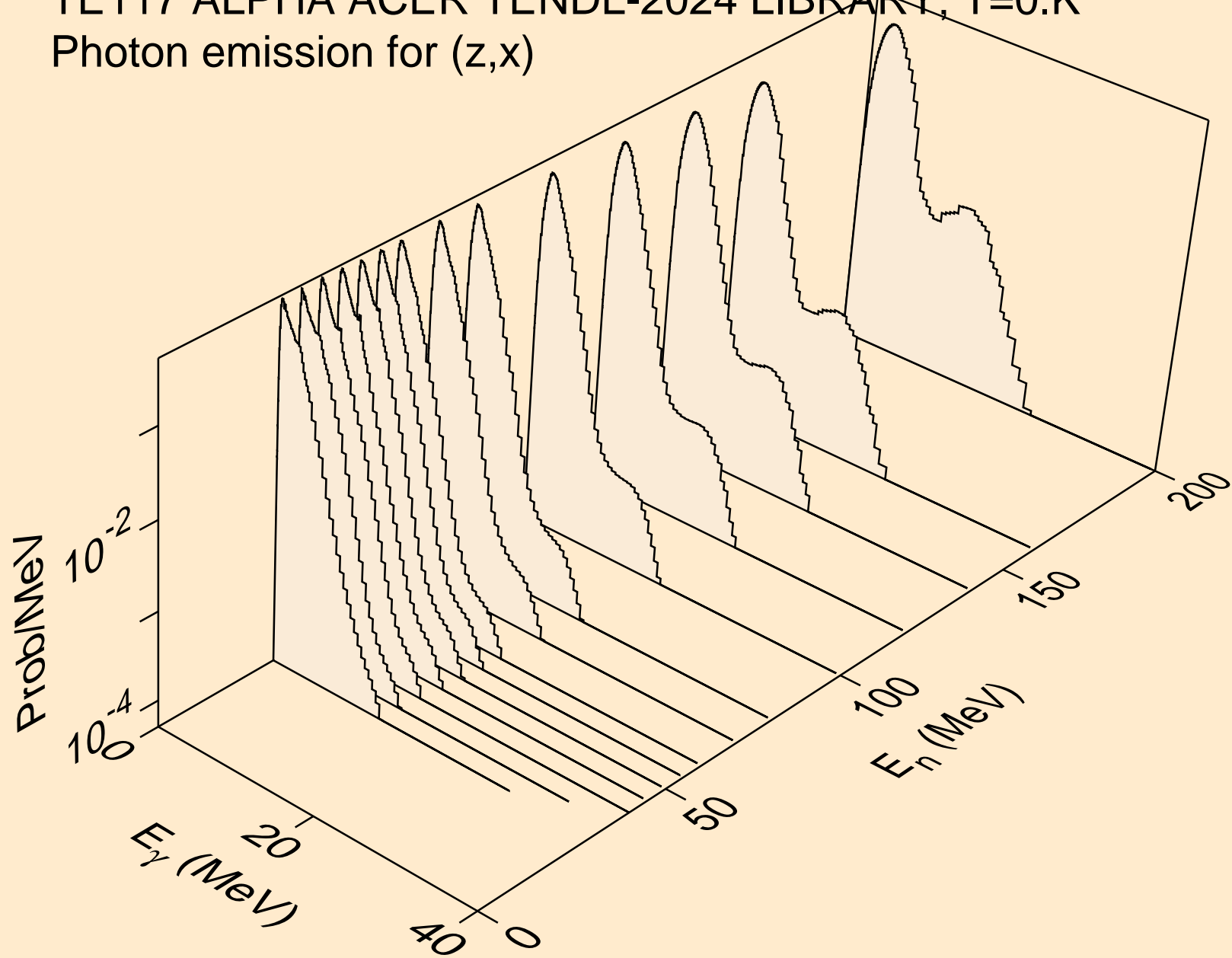
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Alpha emission for (a,da)



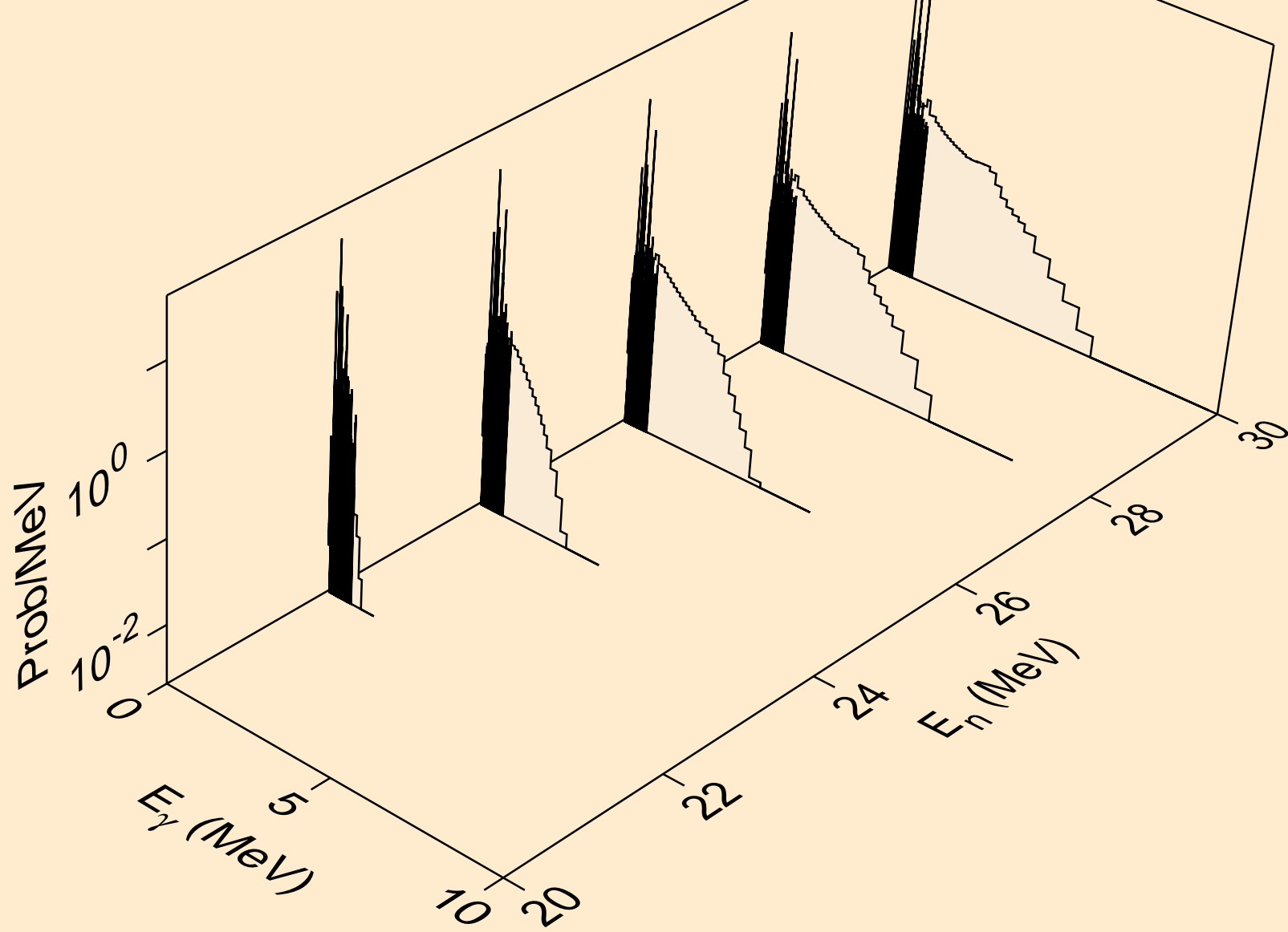
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



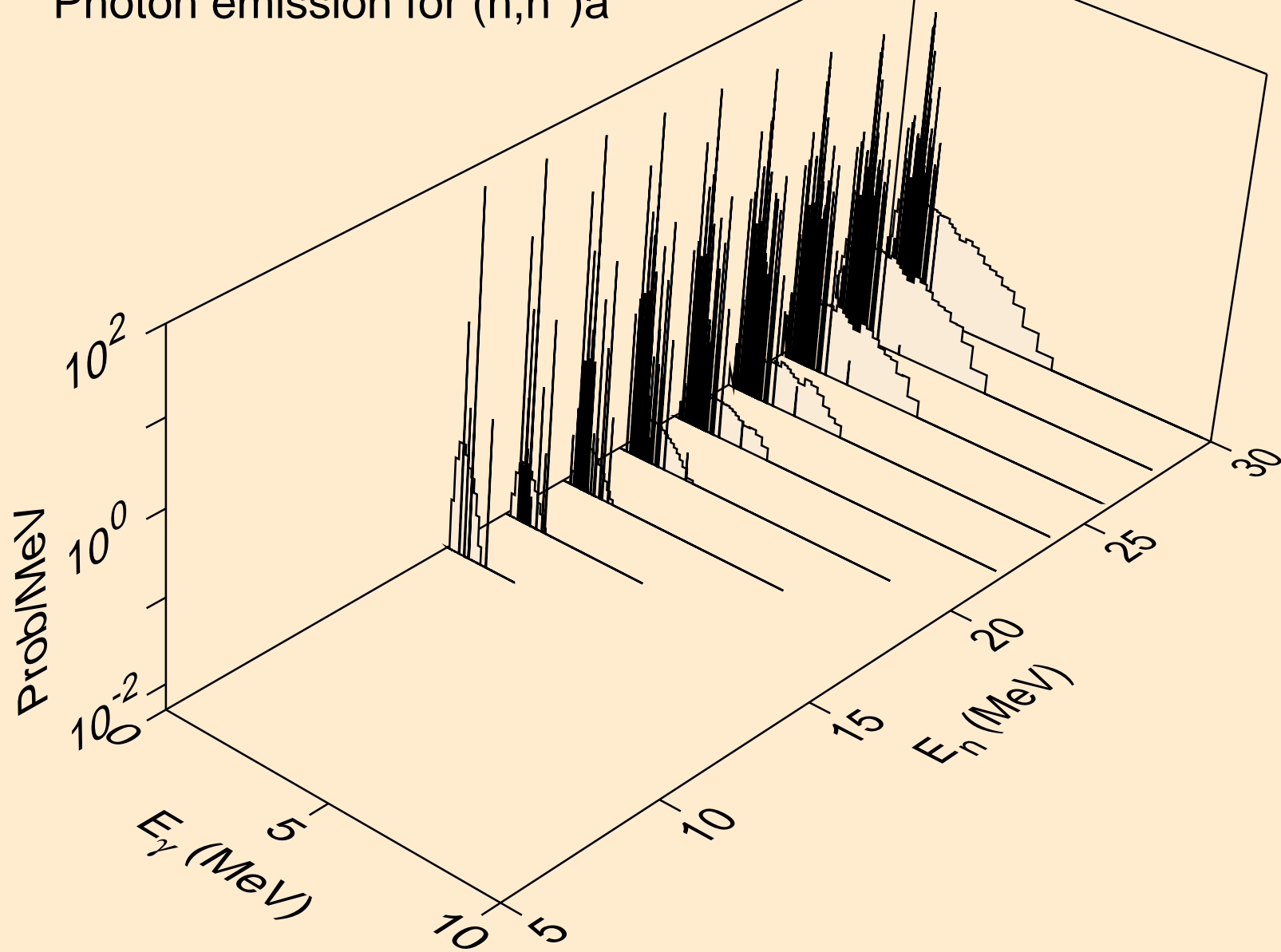
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



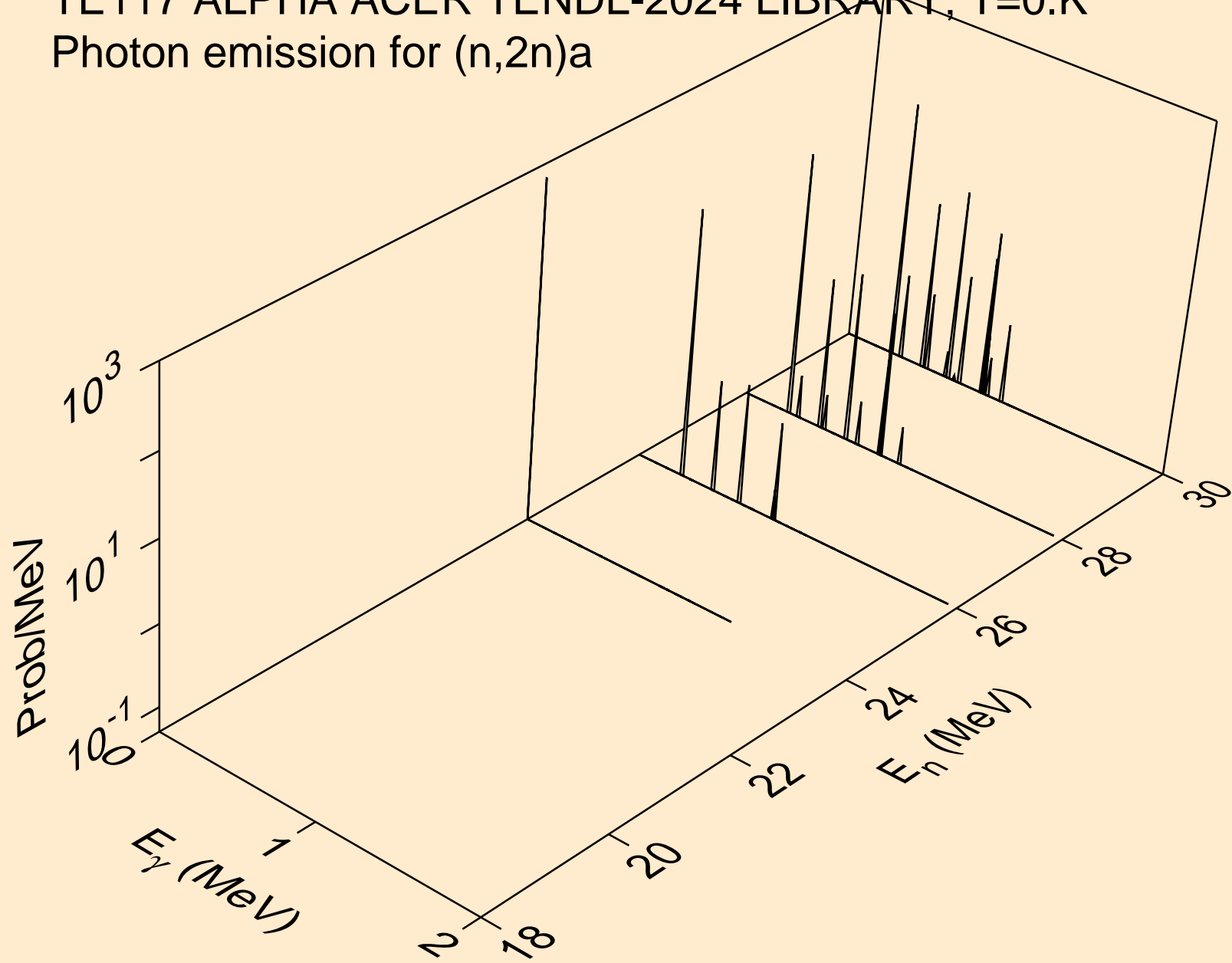
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



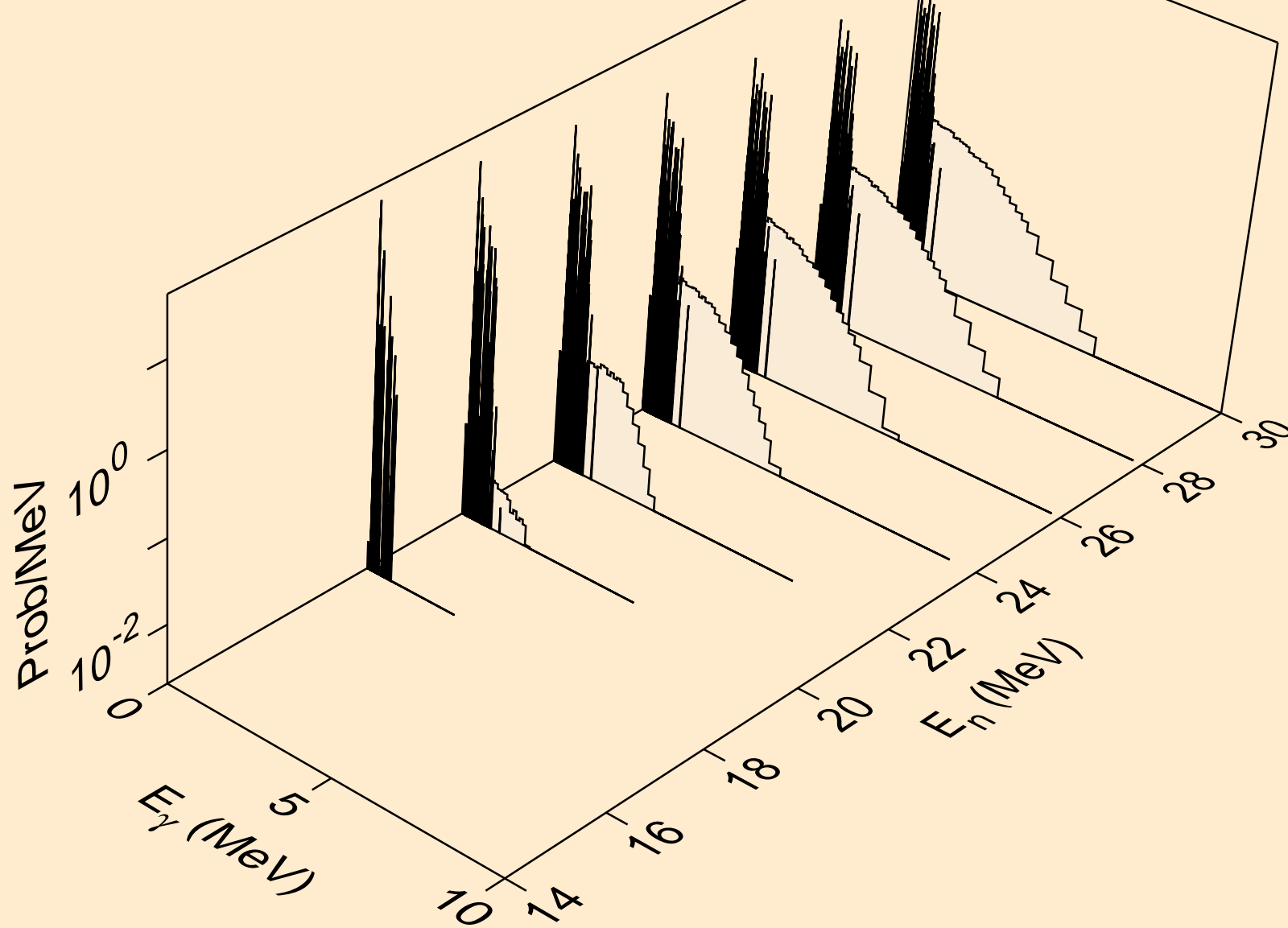
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

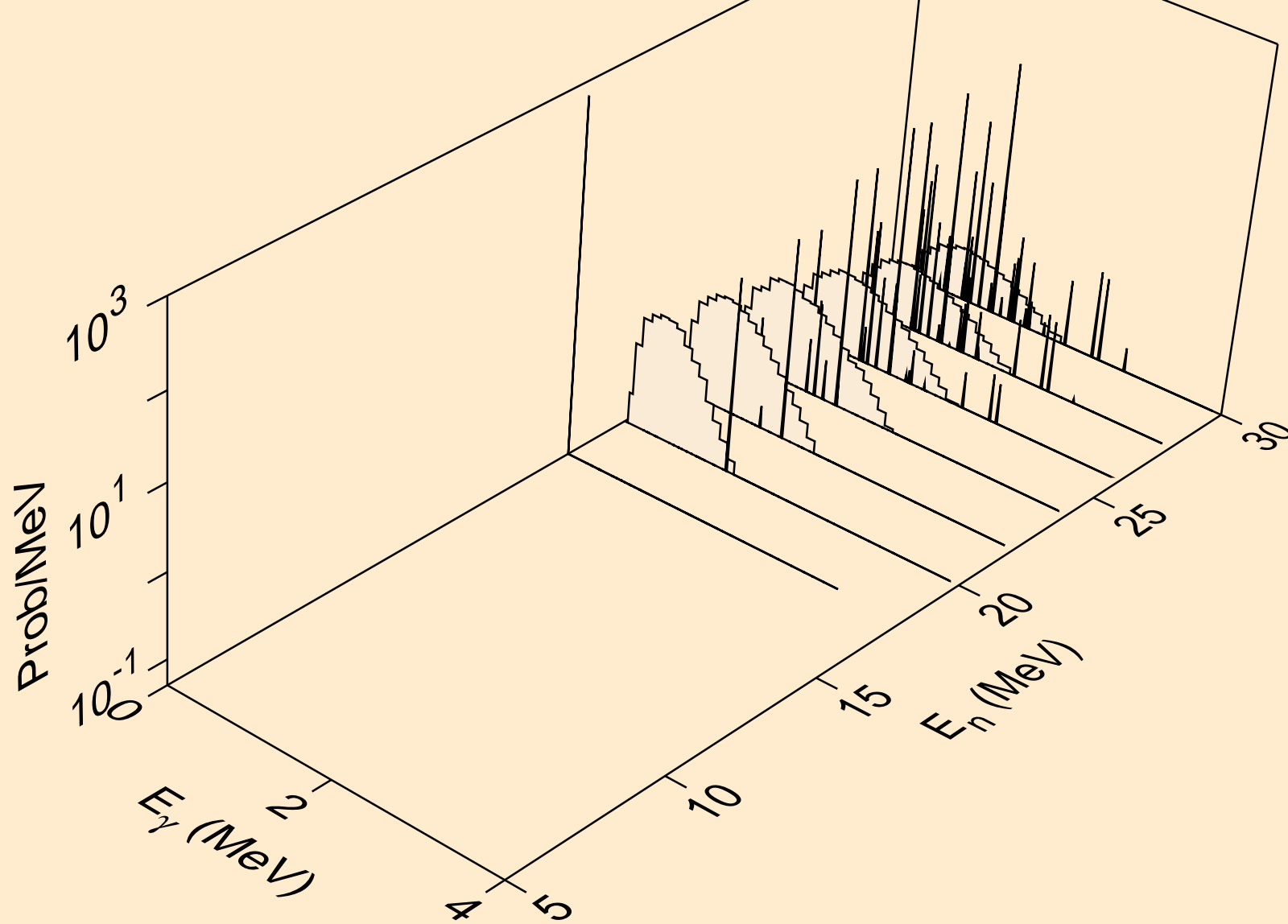


TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

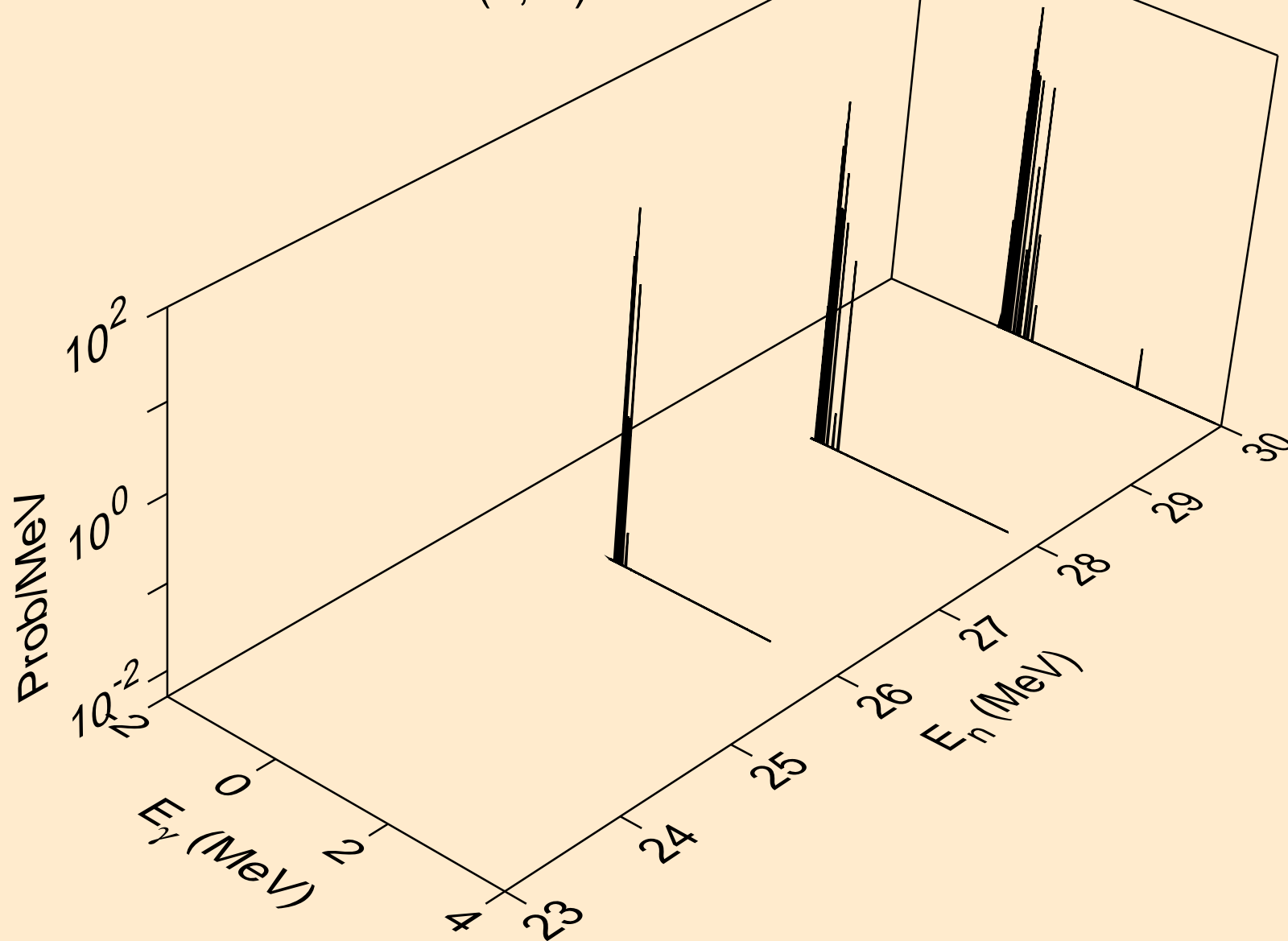




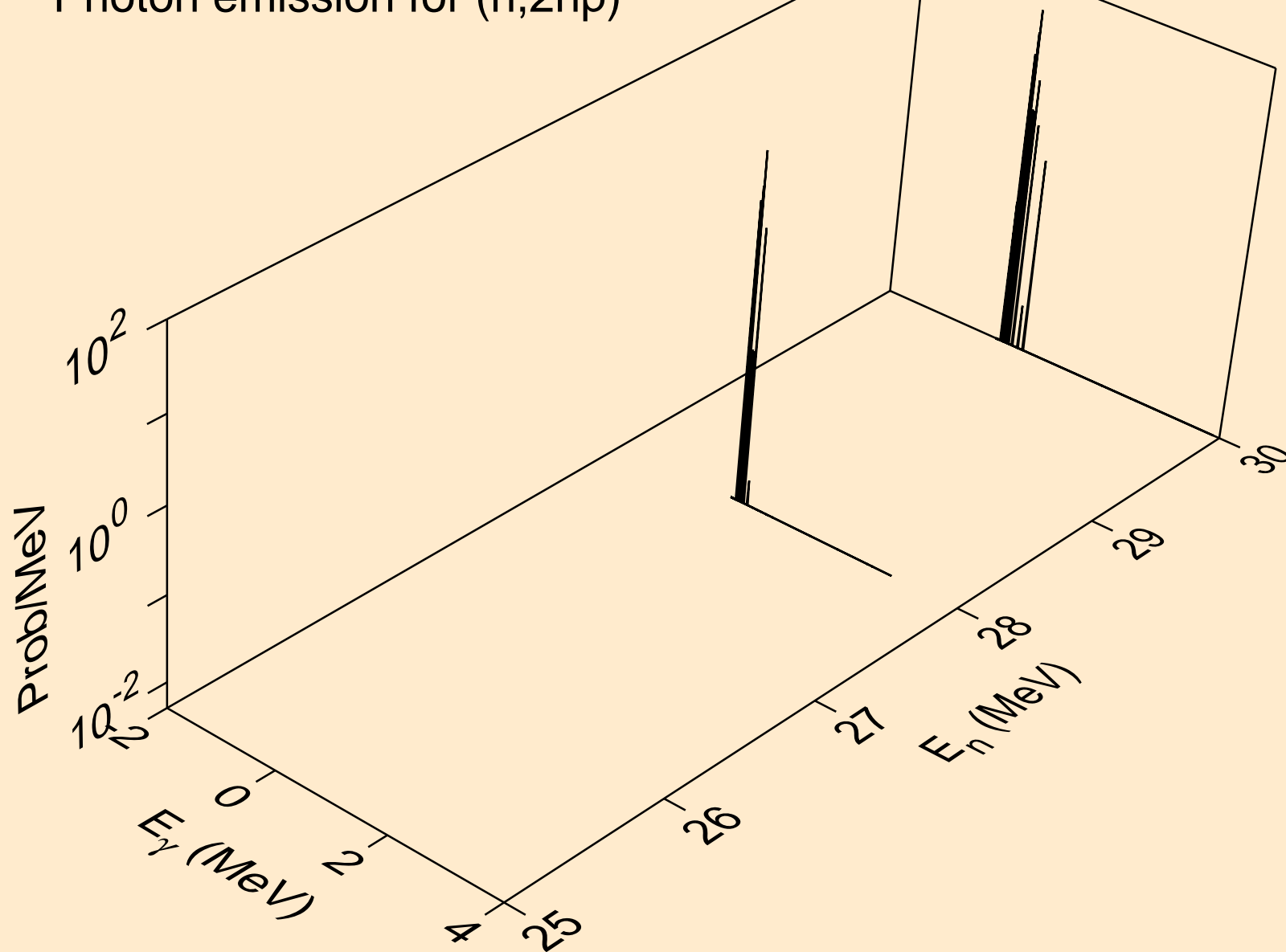
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



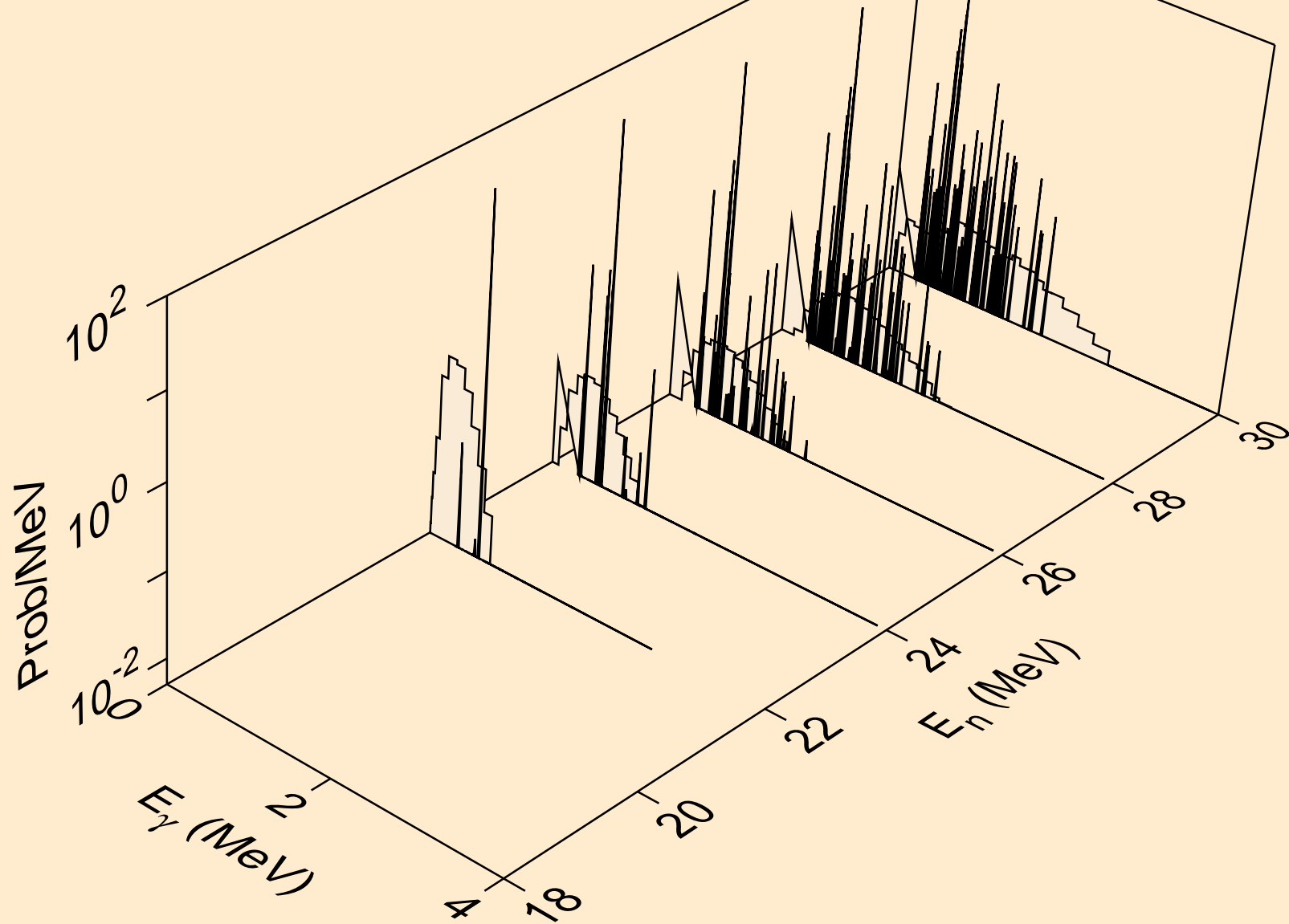
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



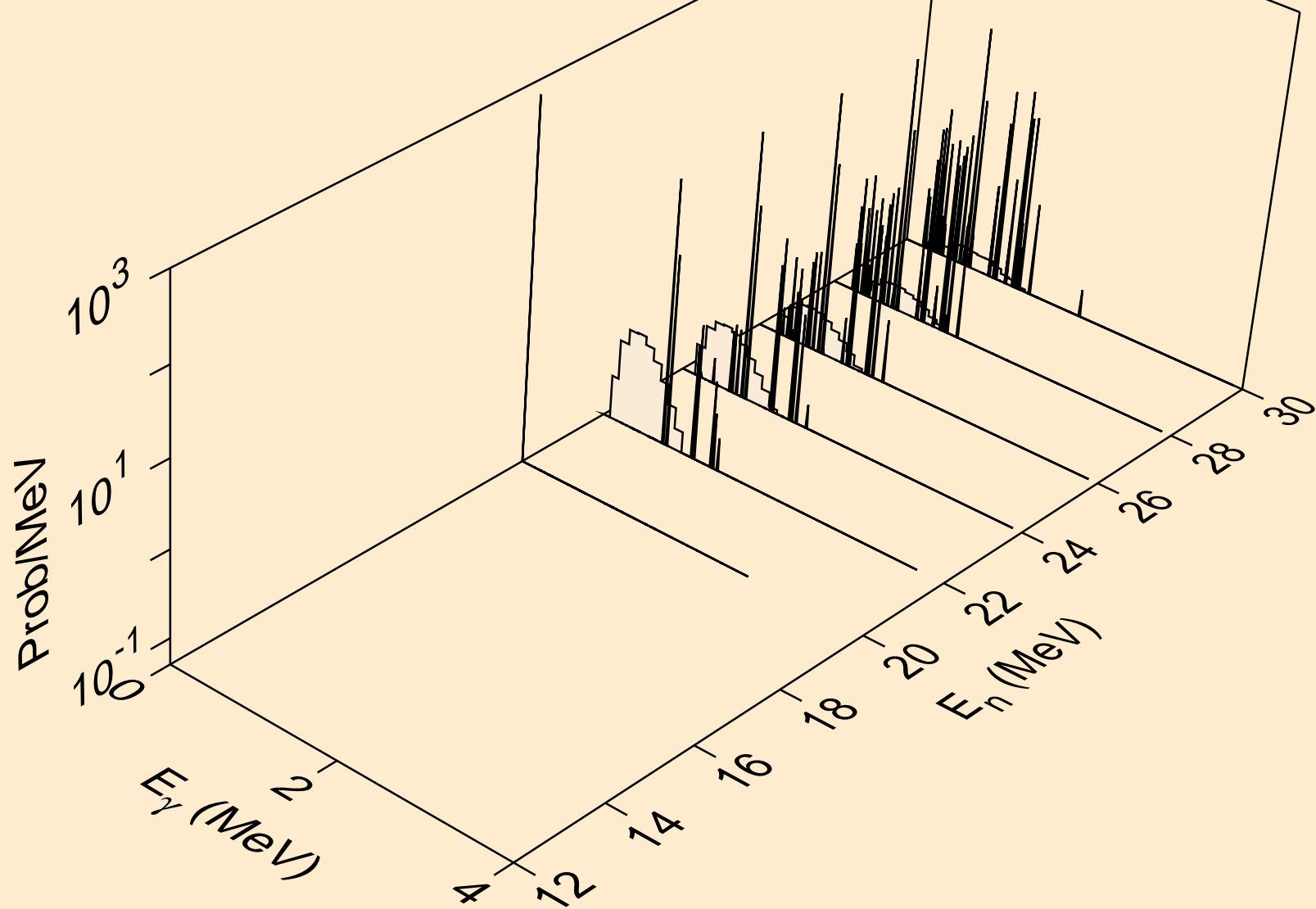
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



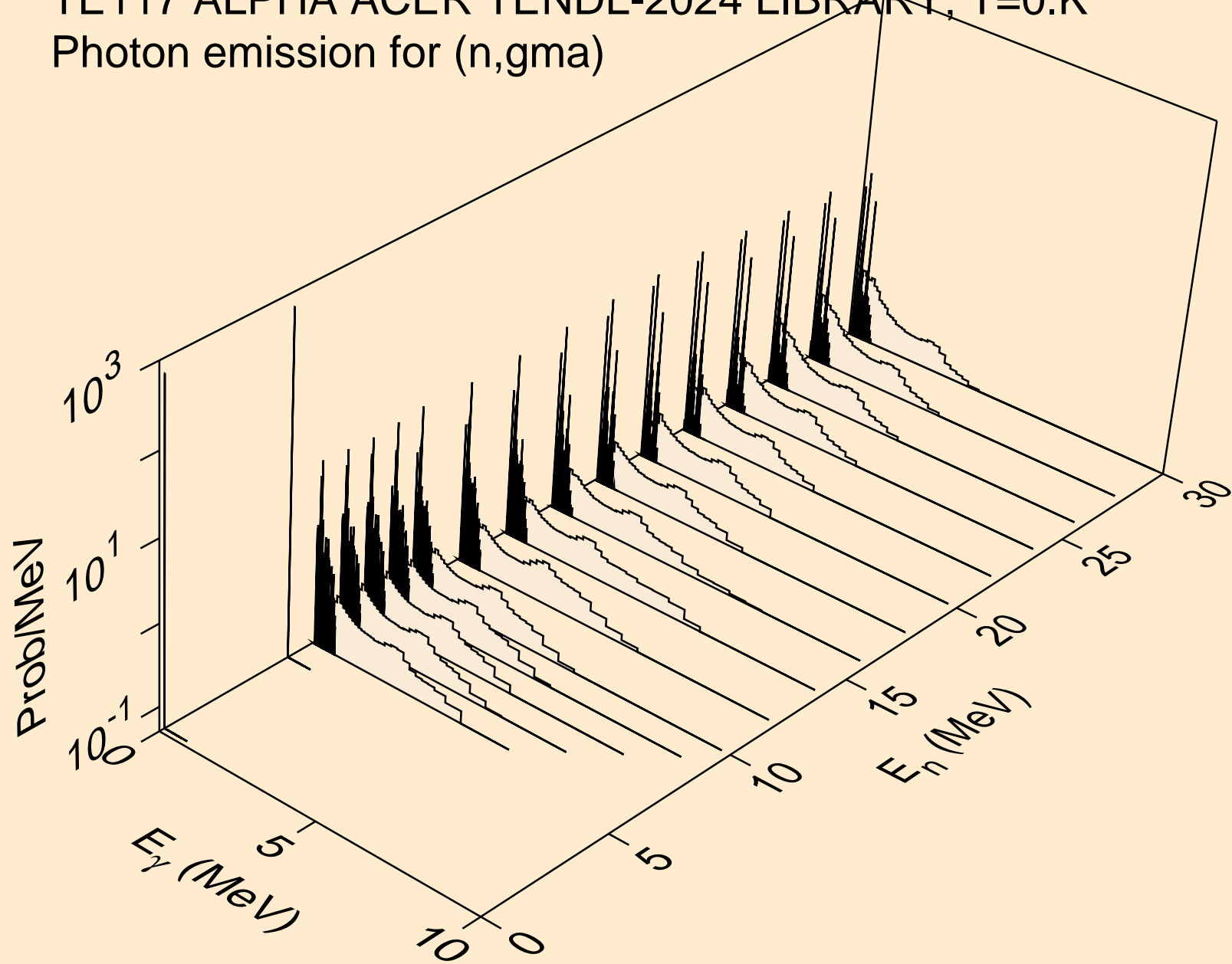
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Photon emission for (n,n2p)



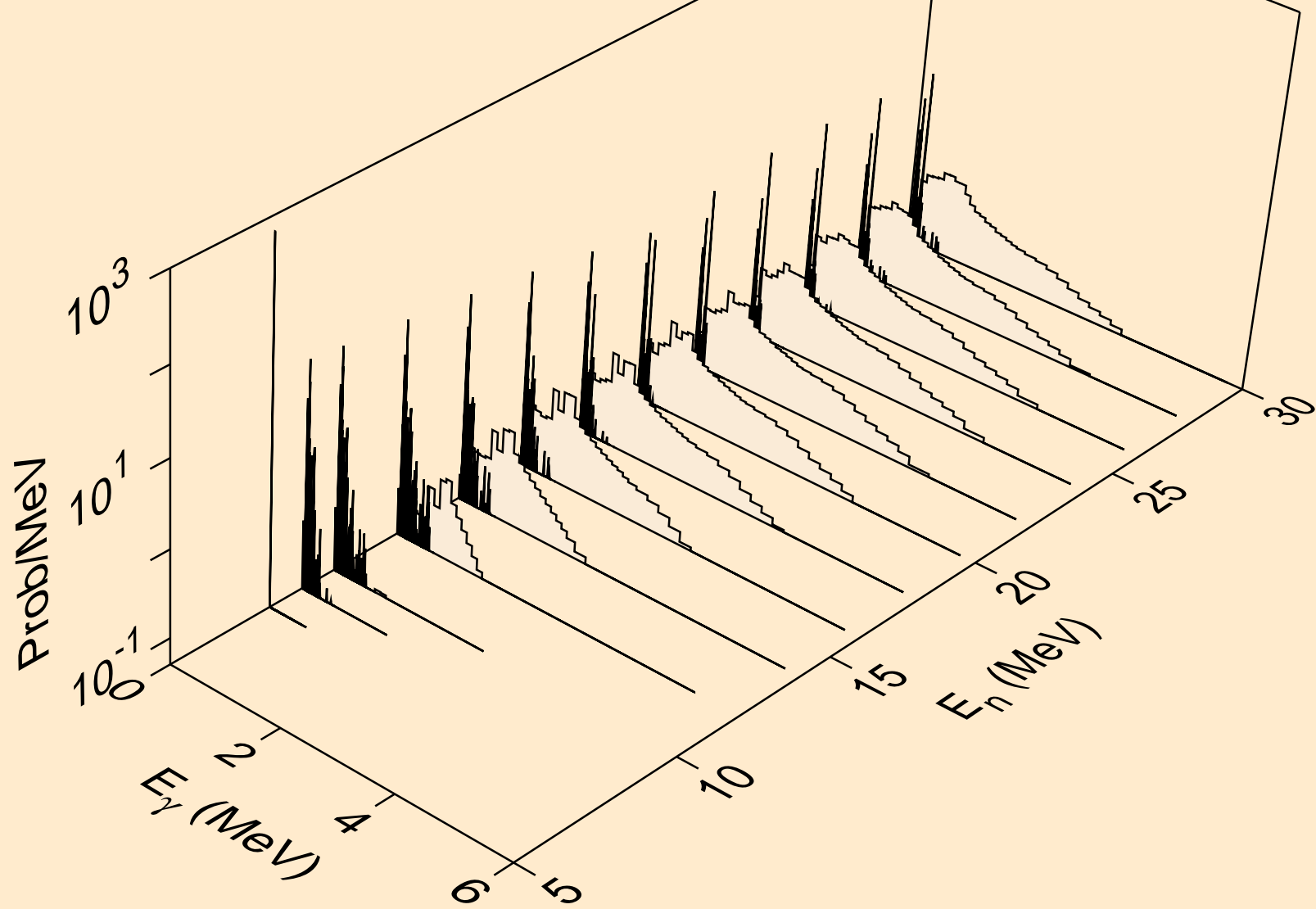
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Photon emission for (n,npa)



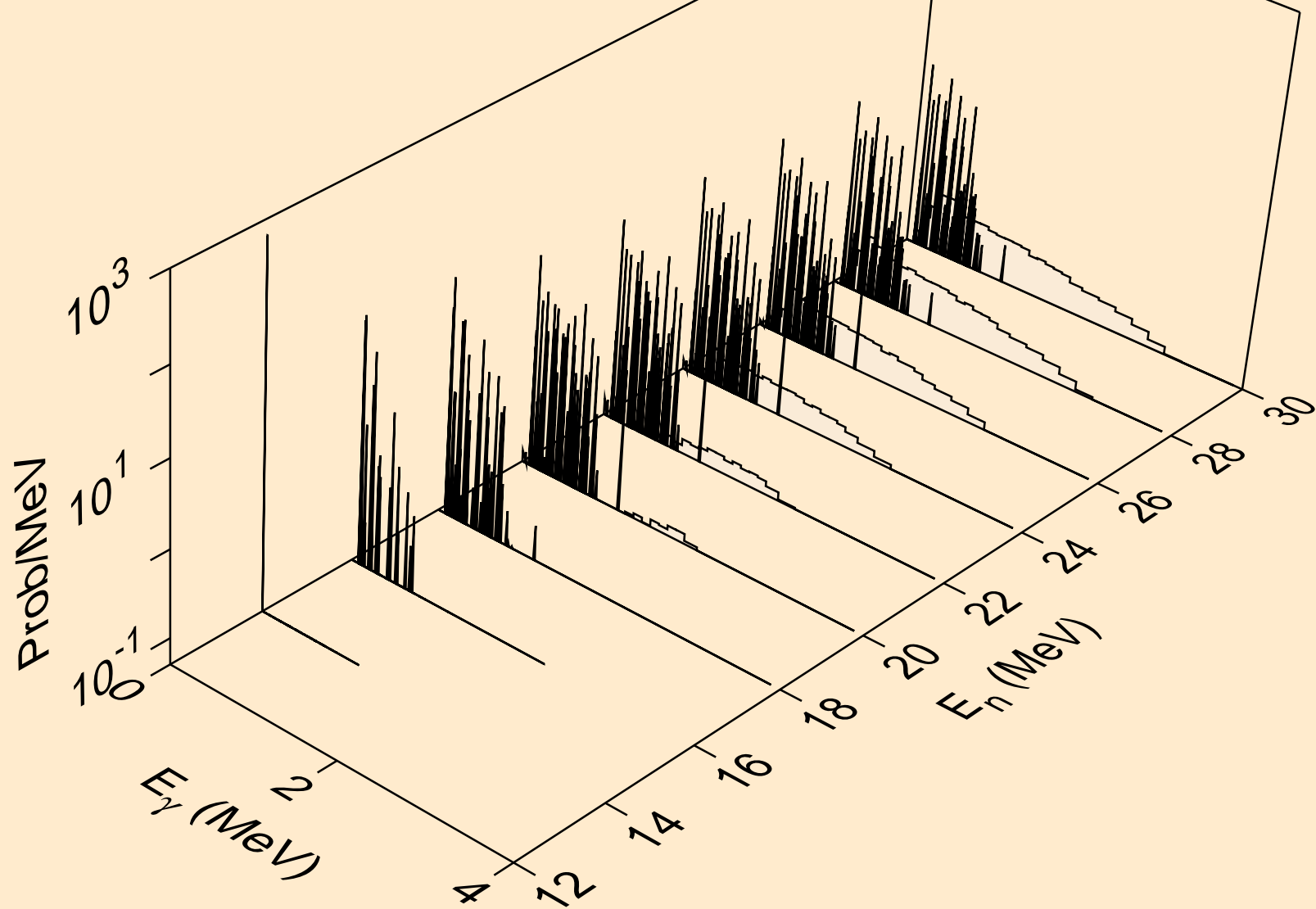
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

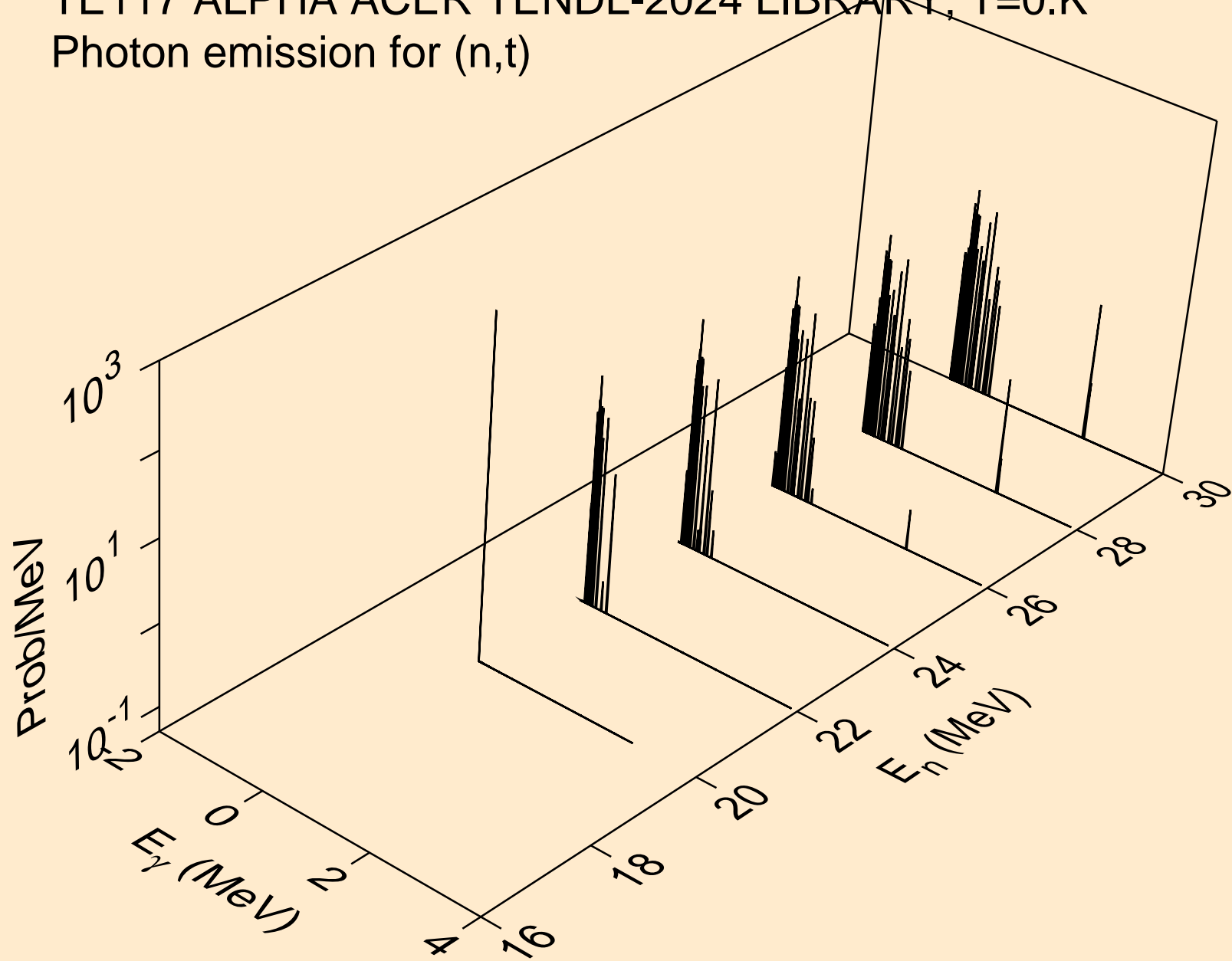


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Photon emission for (n,d)

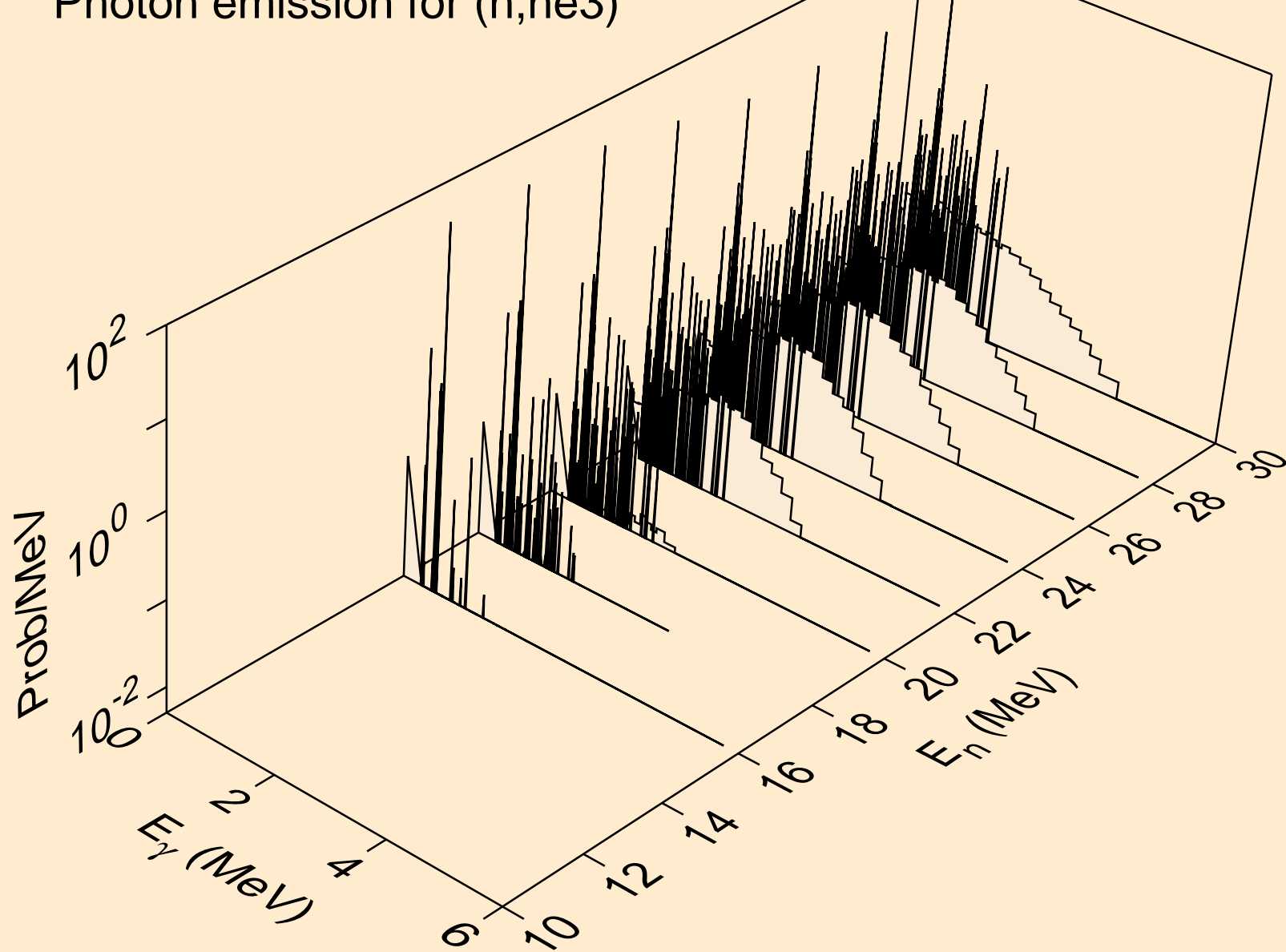




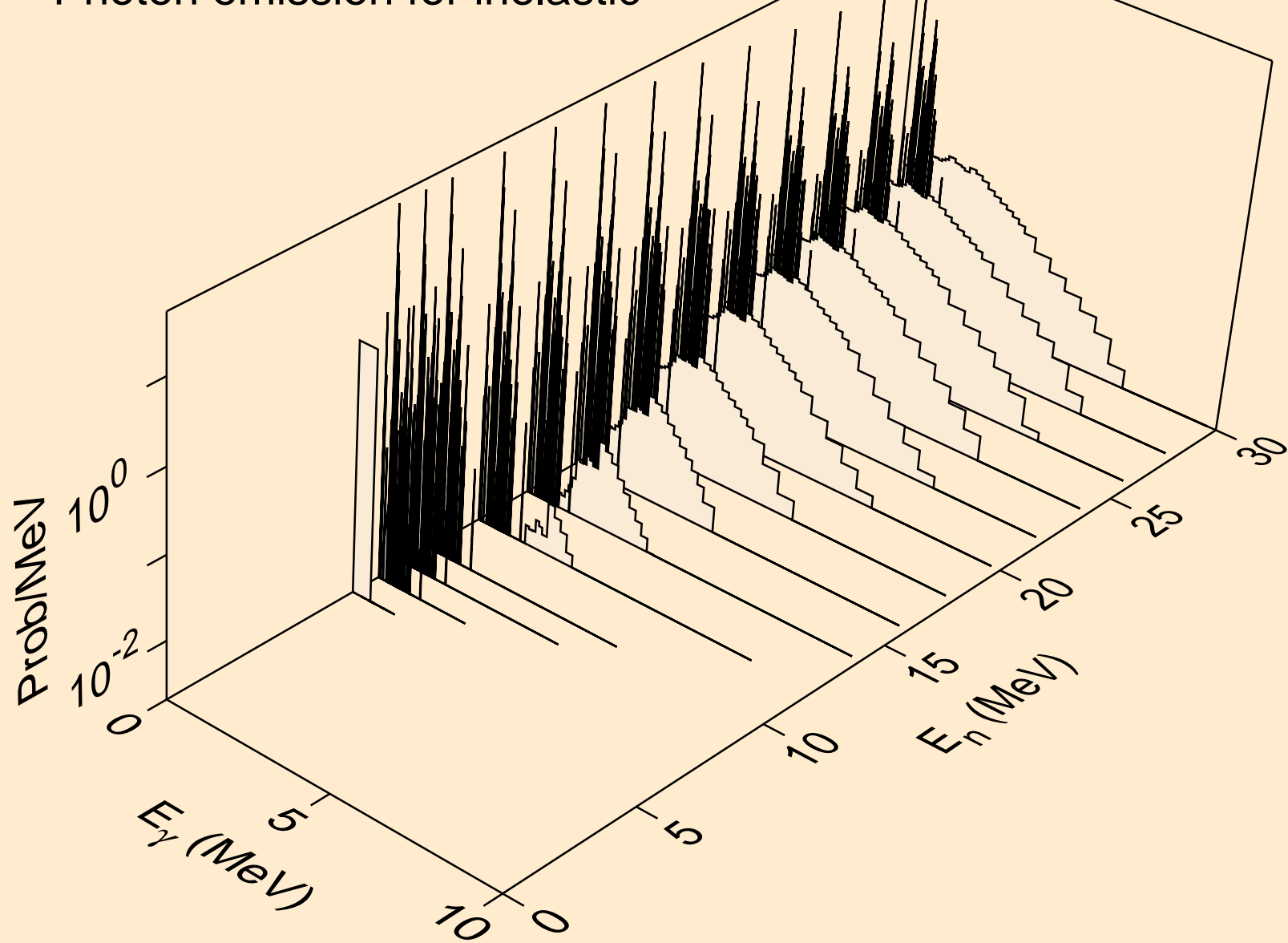
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Photon emission for (n,t)



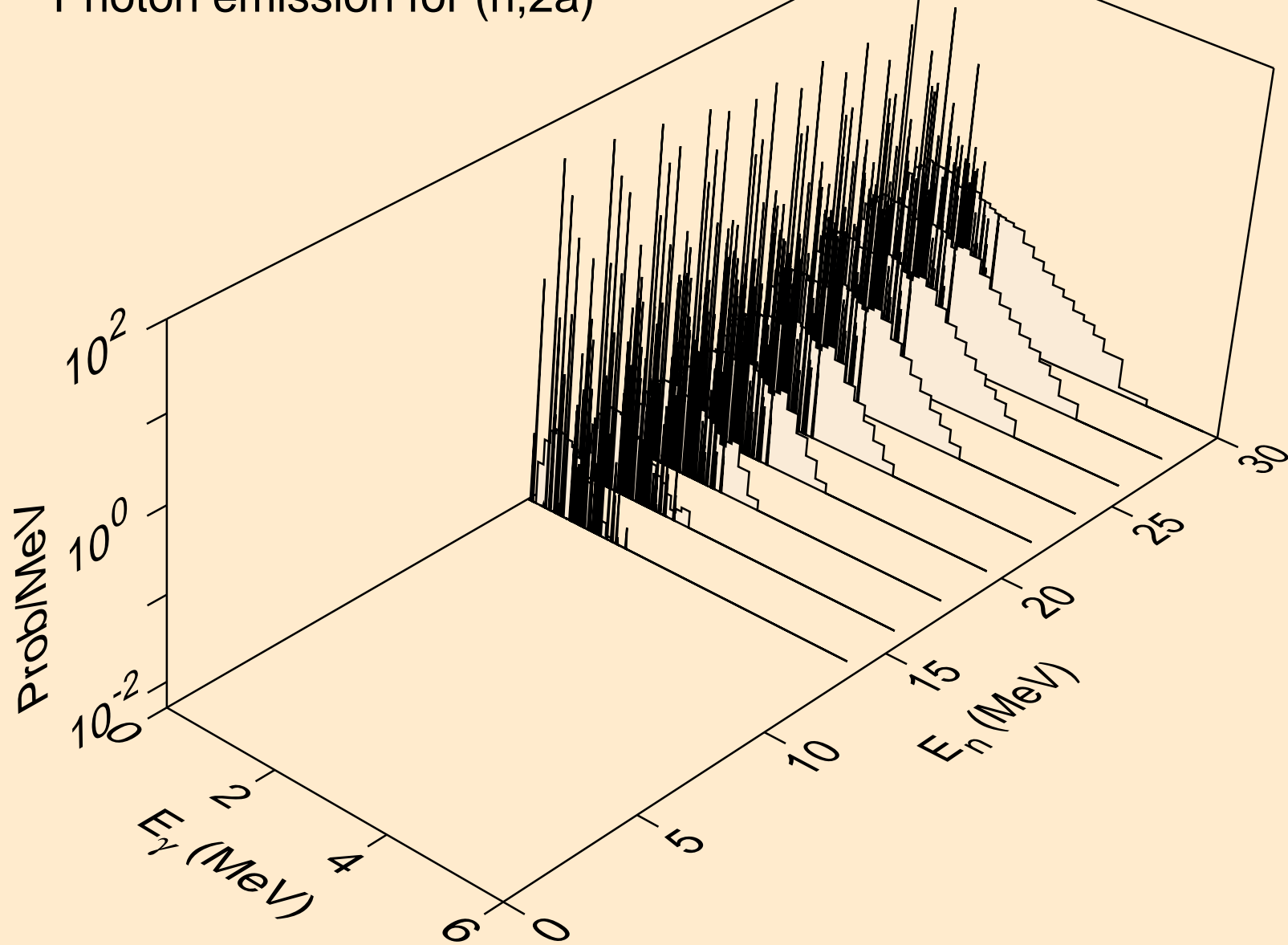
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Photon emission for (n,he3)



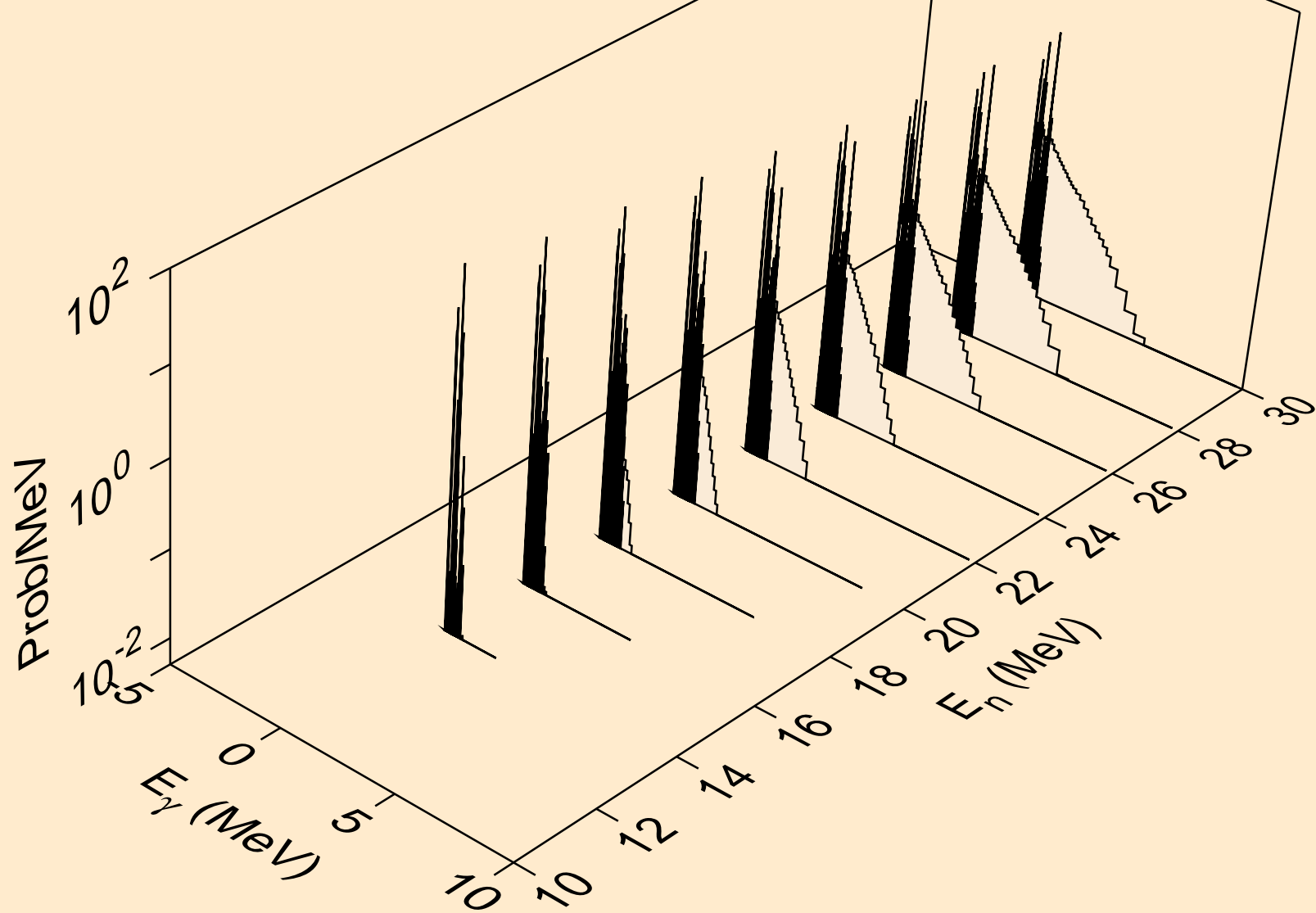
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



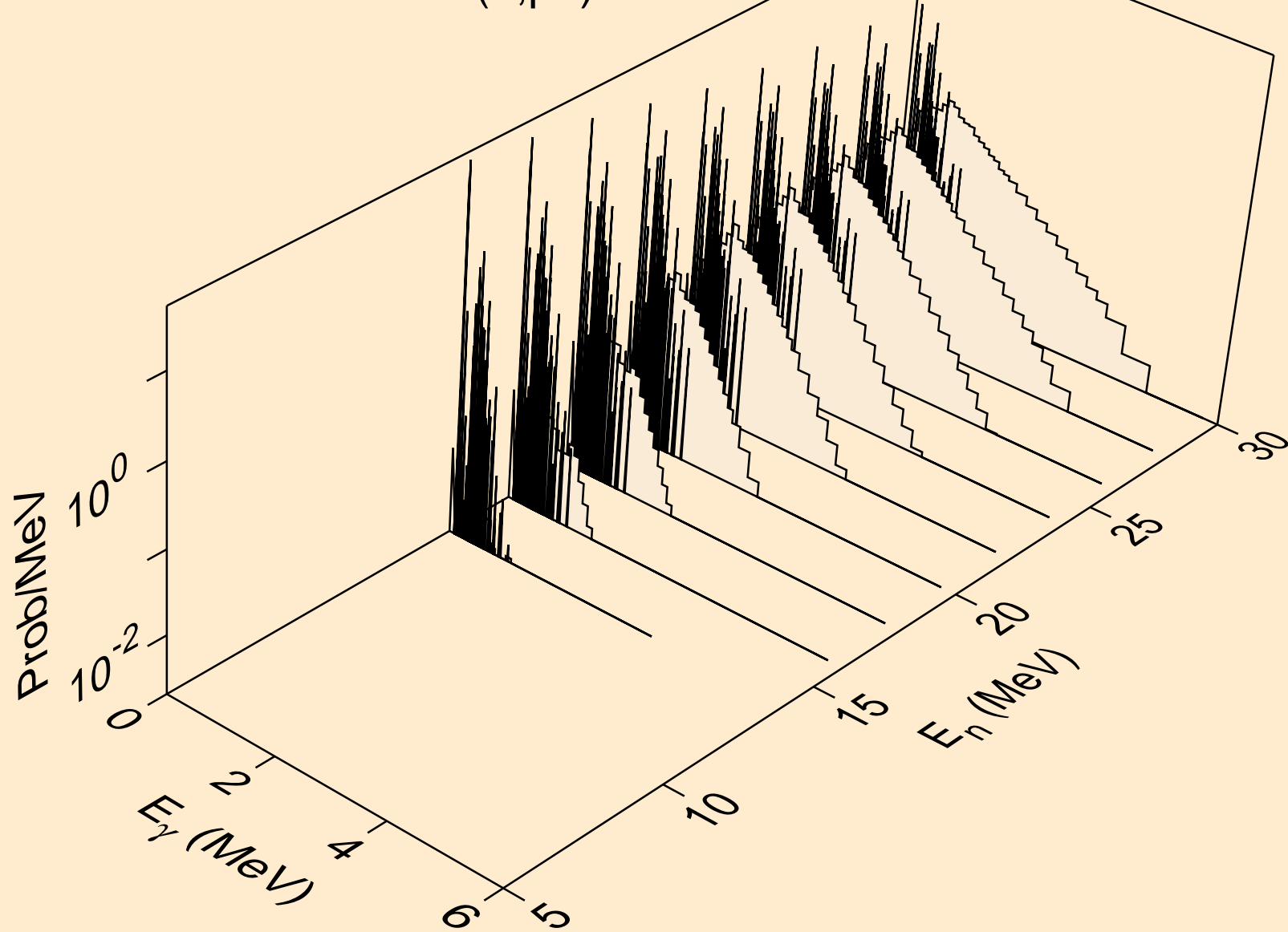
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Photon emission for (n,2a)



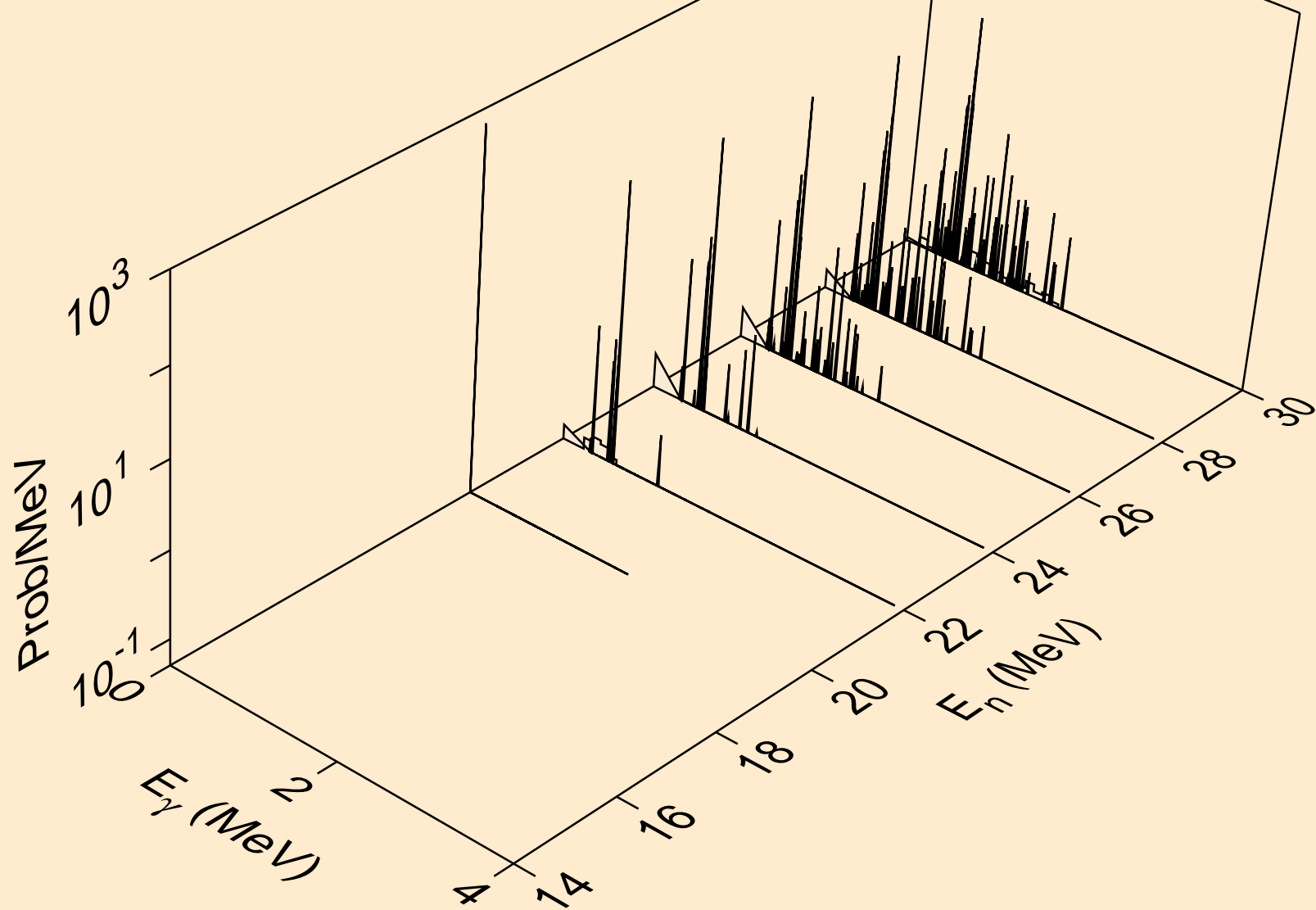
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Photon emission for (n,2p)



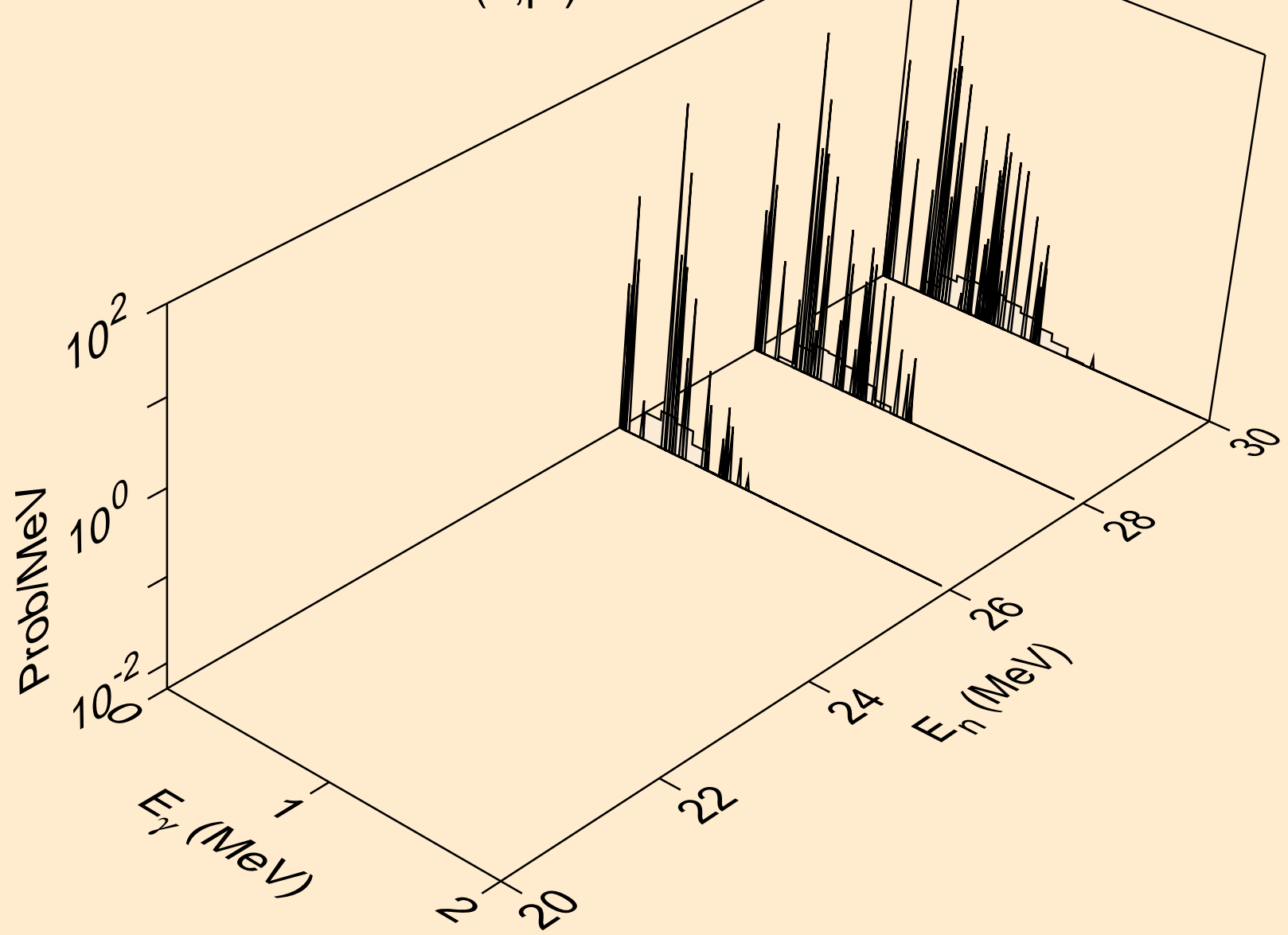
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

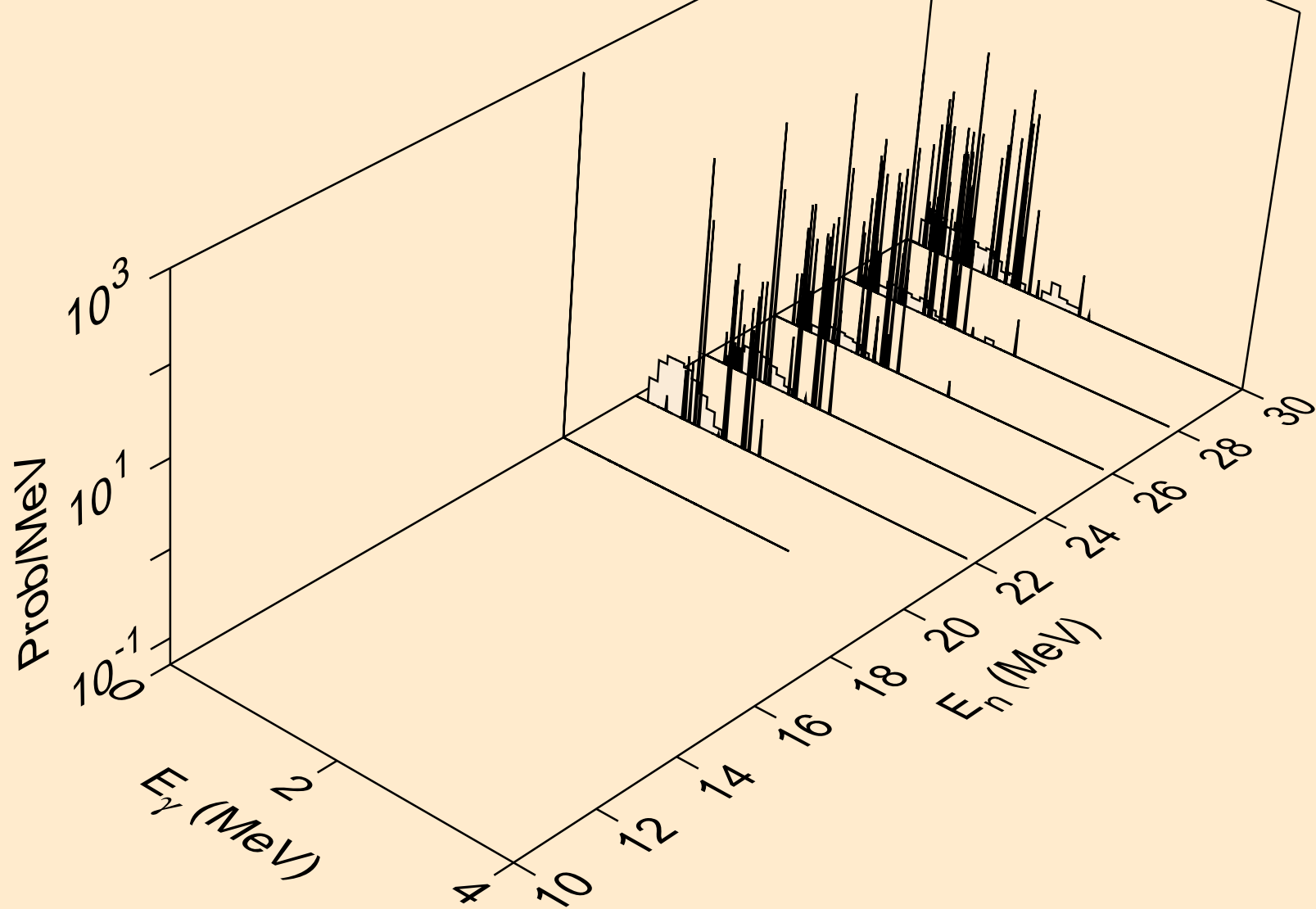


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Photon emission for (n,pt)

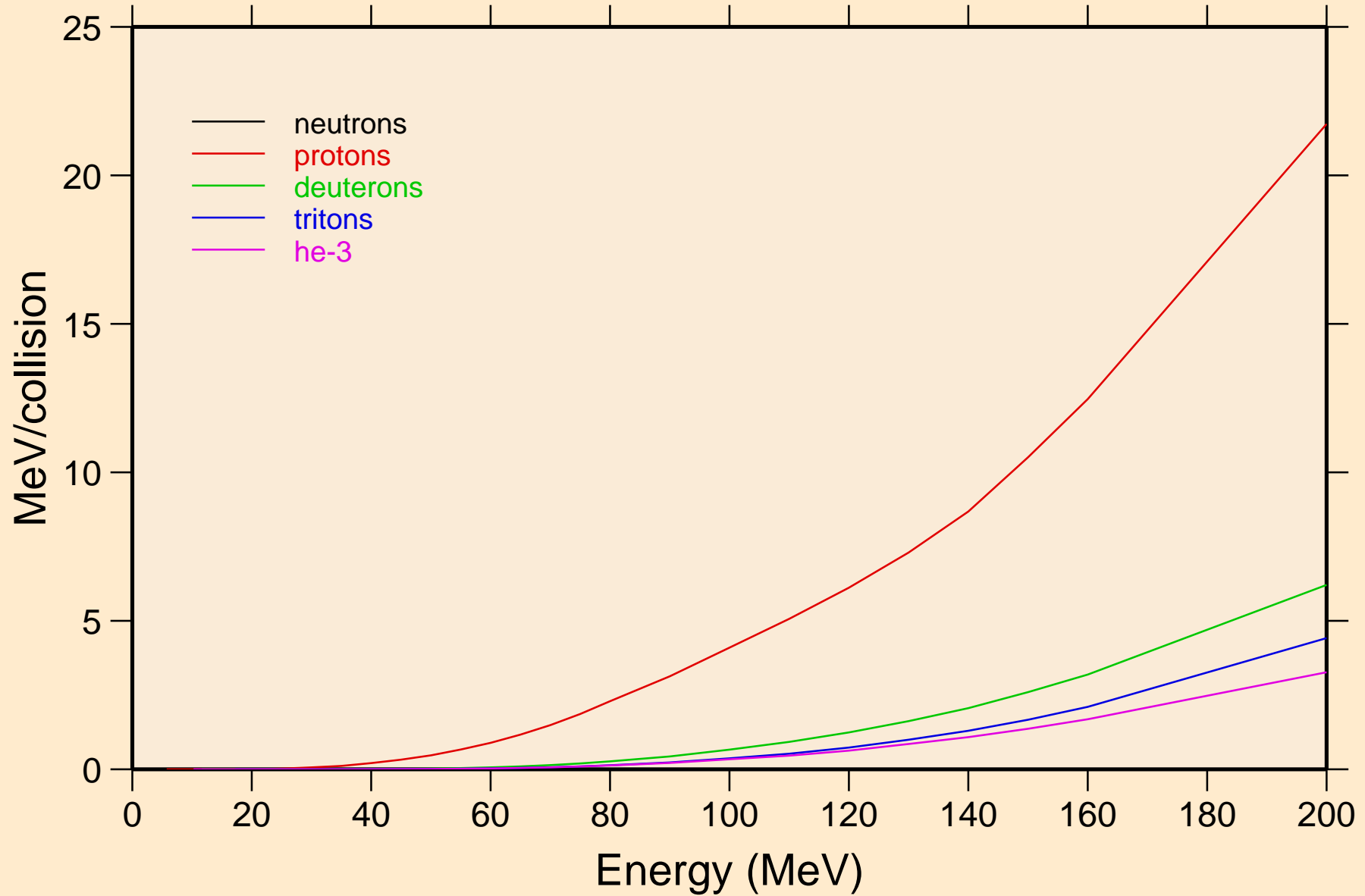




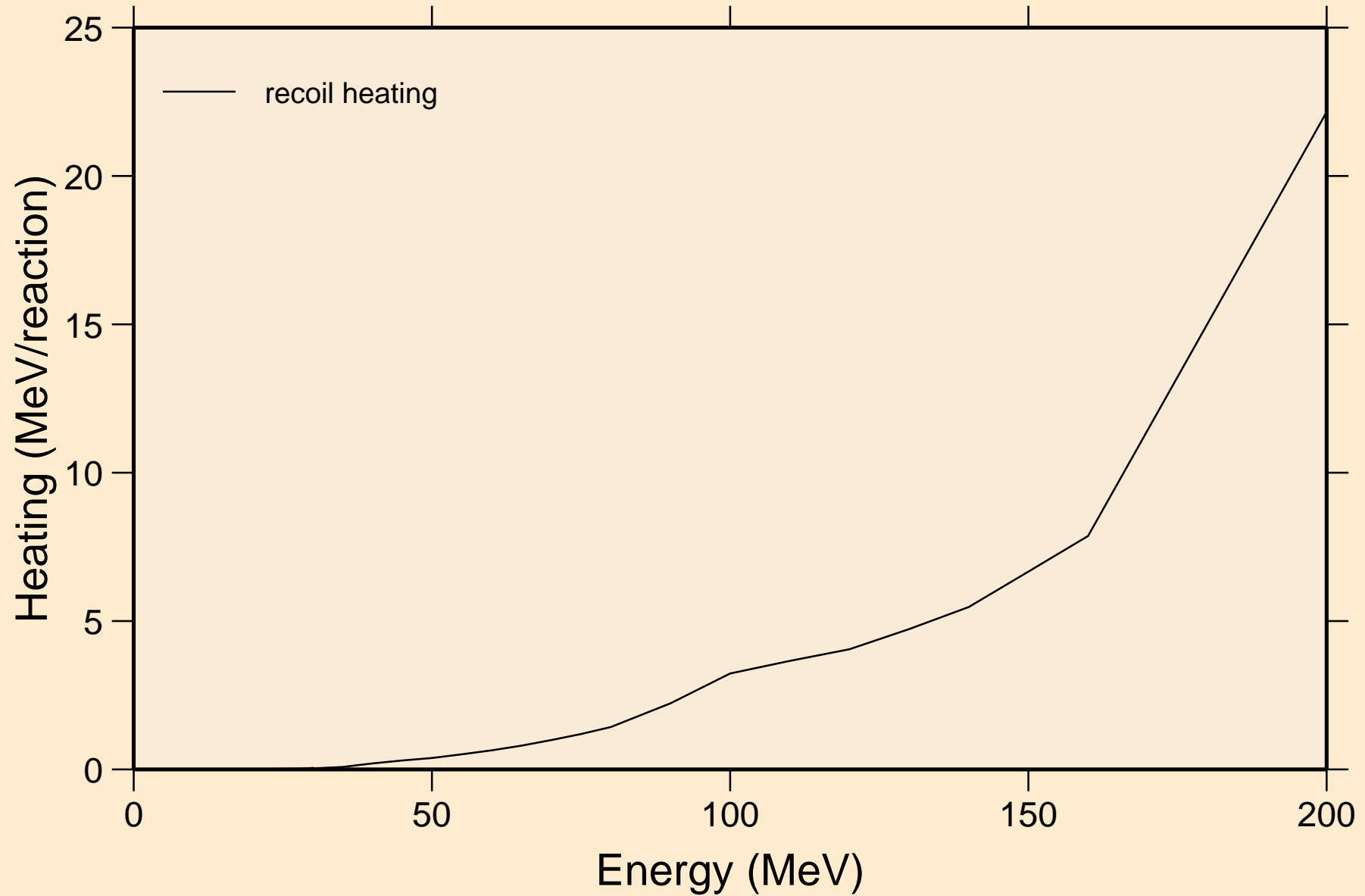
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Photon emission for (n,da)



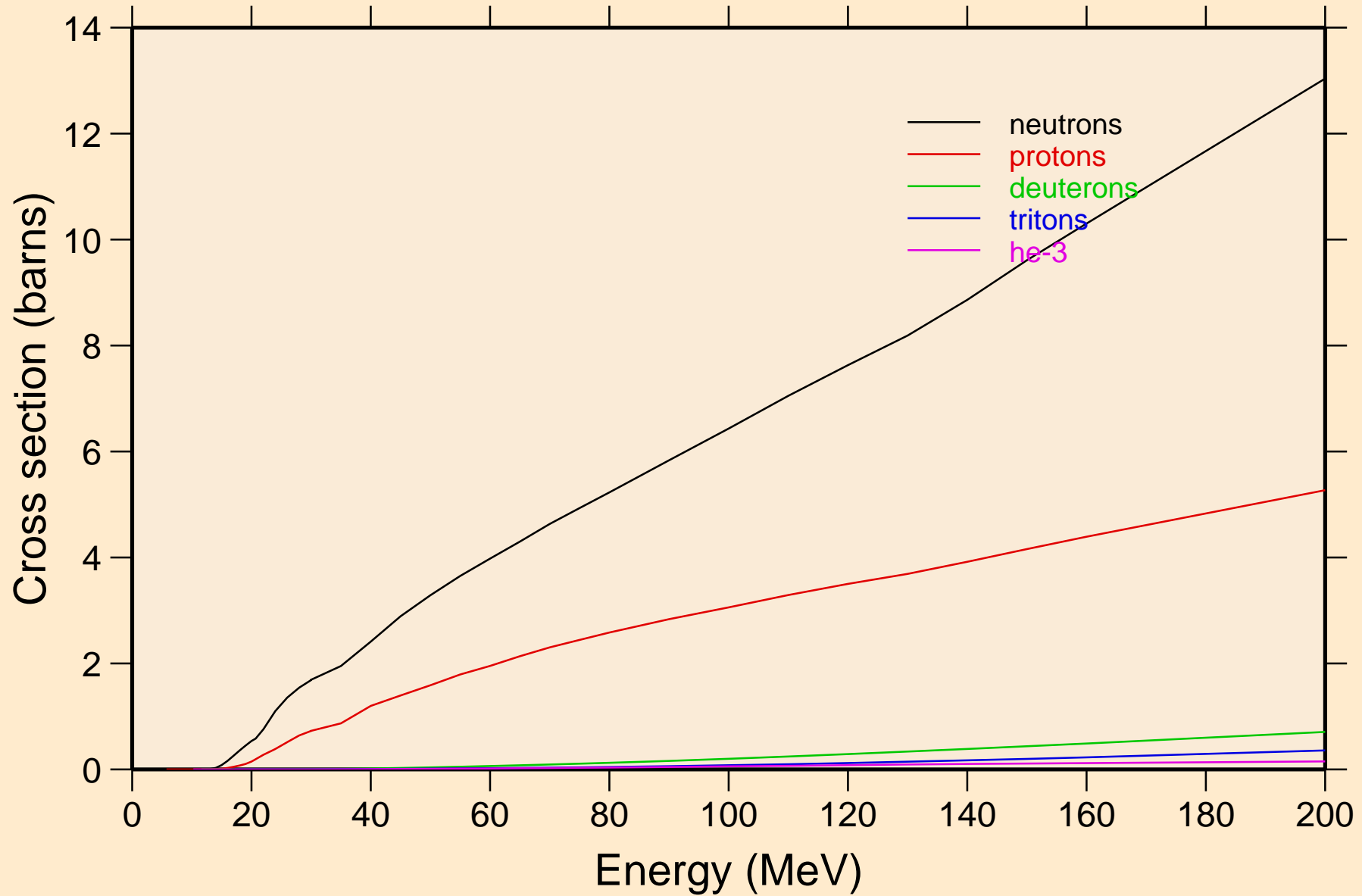
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Particle heating contributions



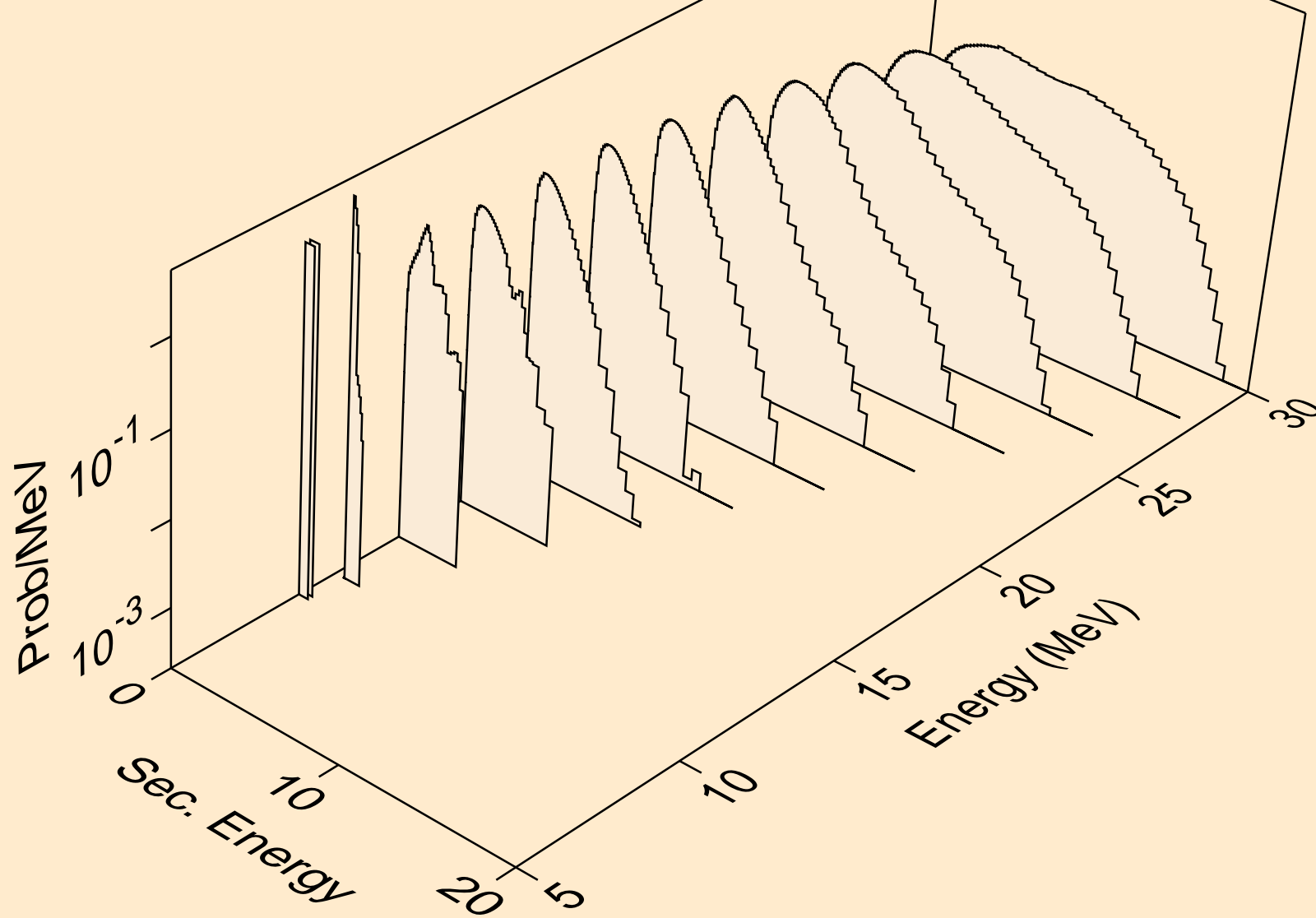
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Recoil Heating



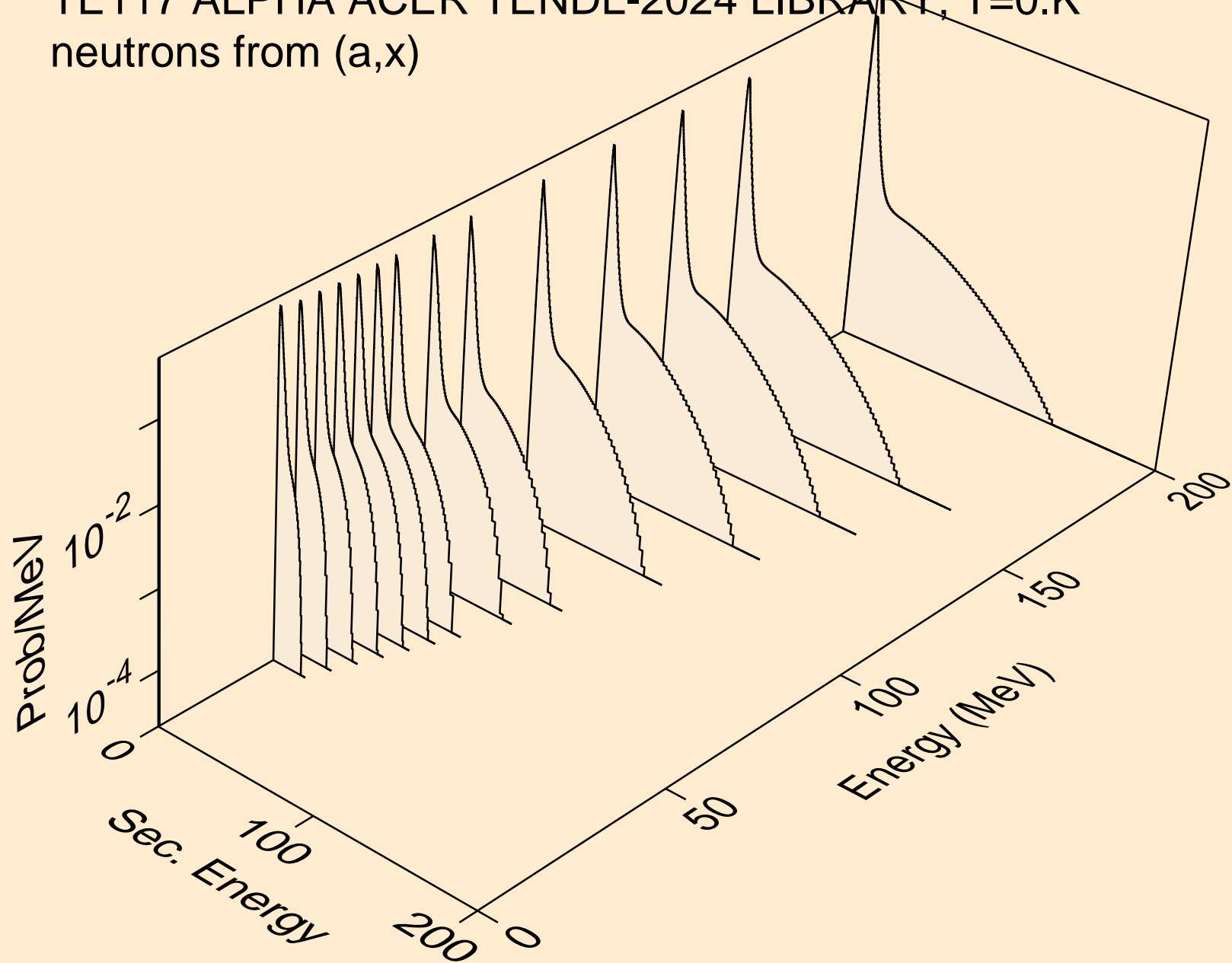
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



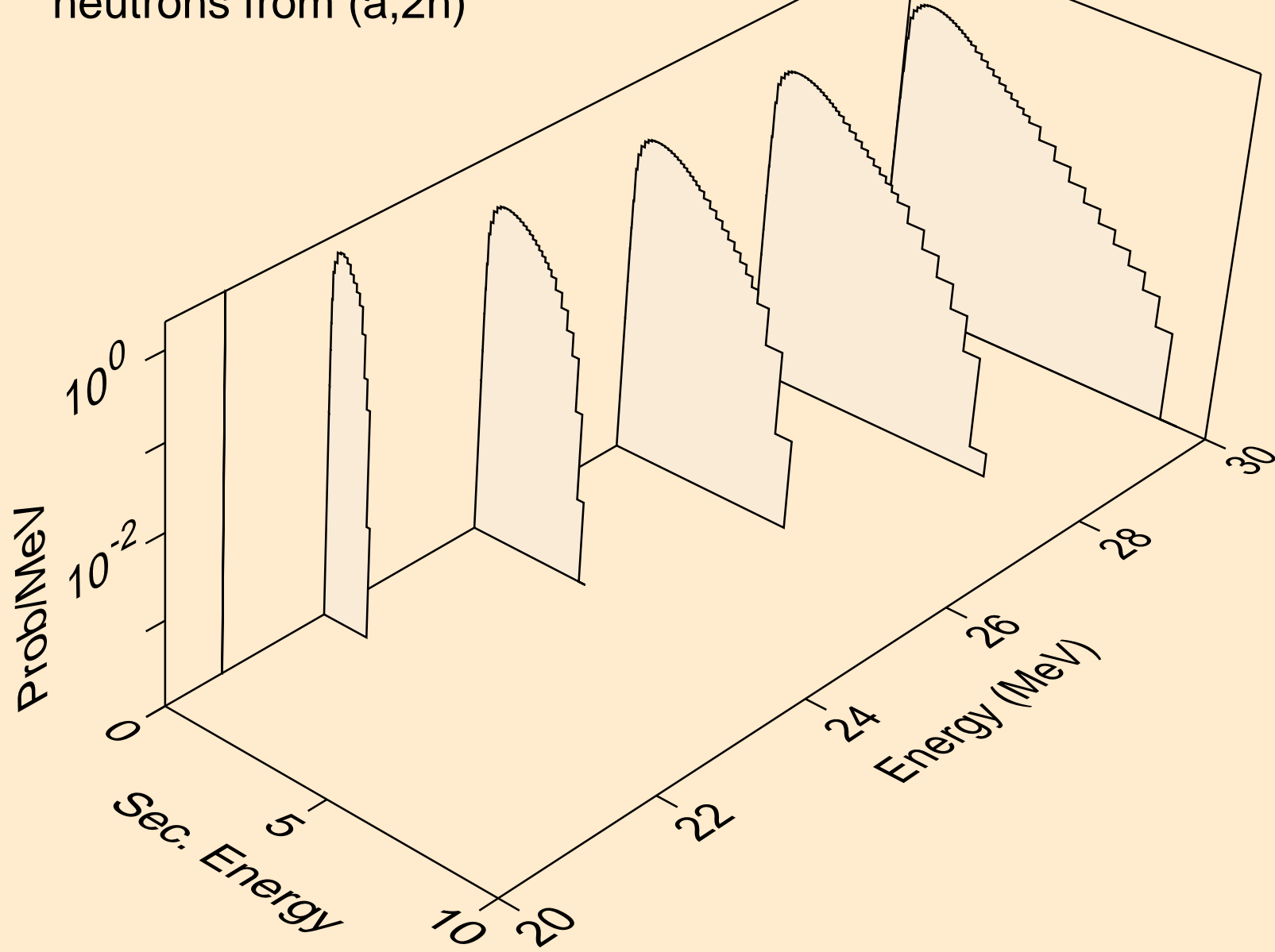
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



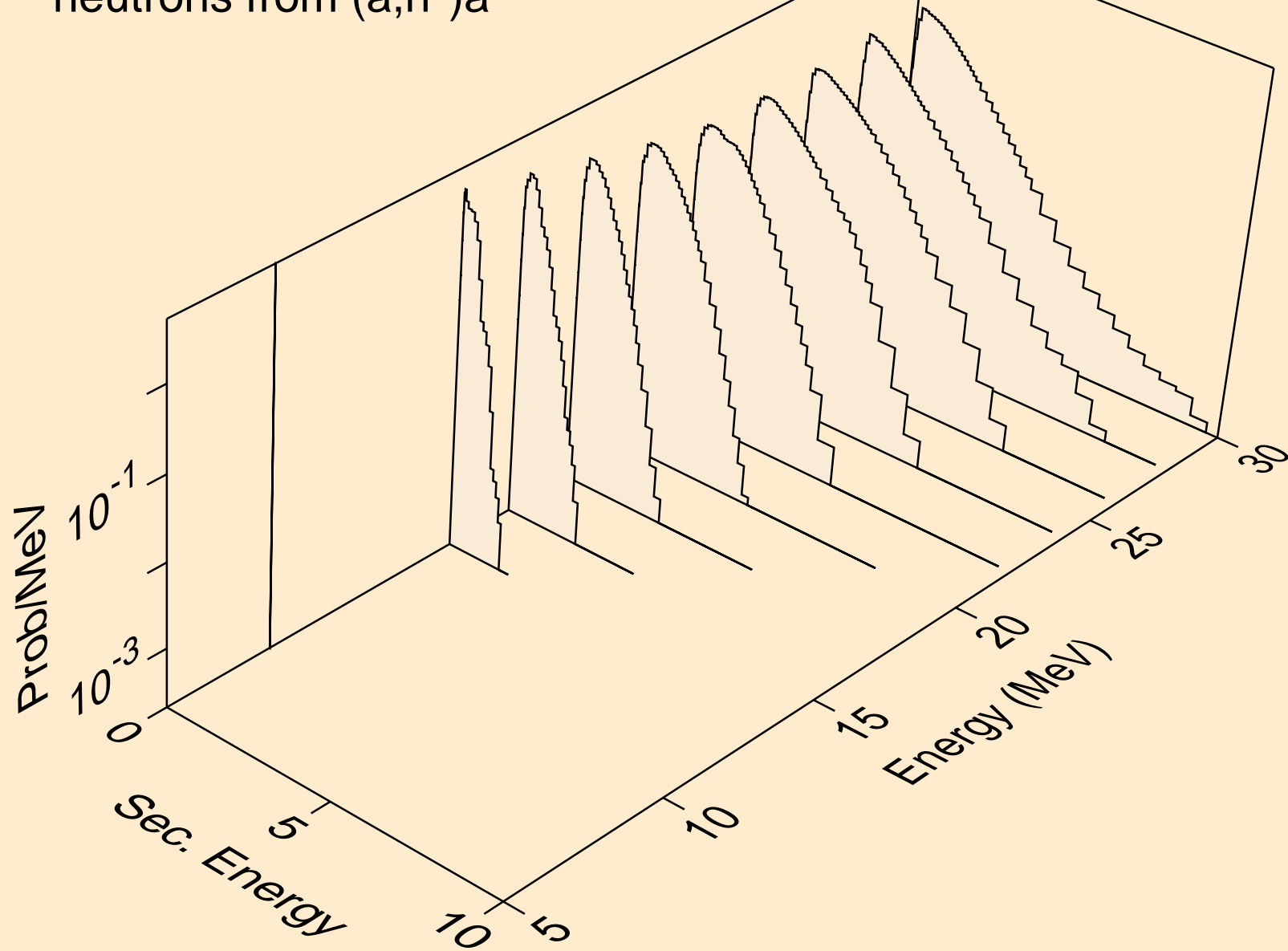
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)

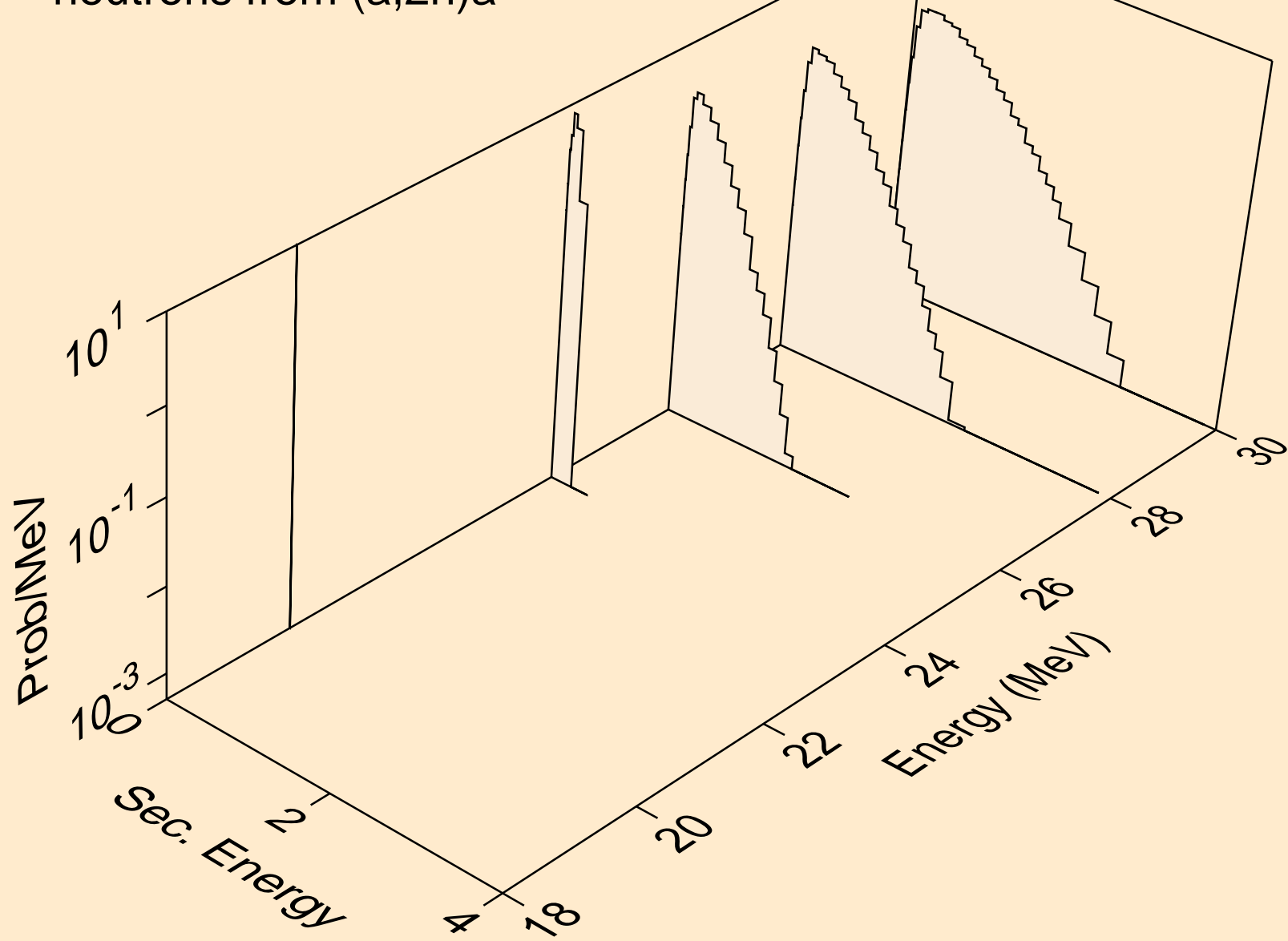


TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a

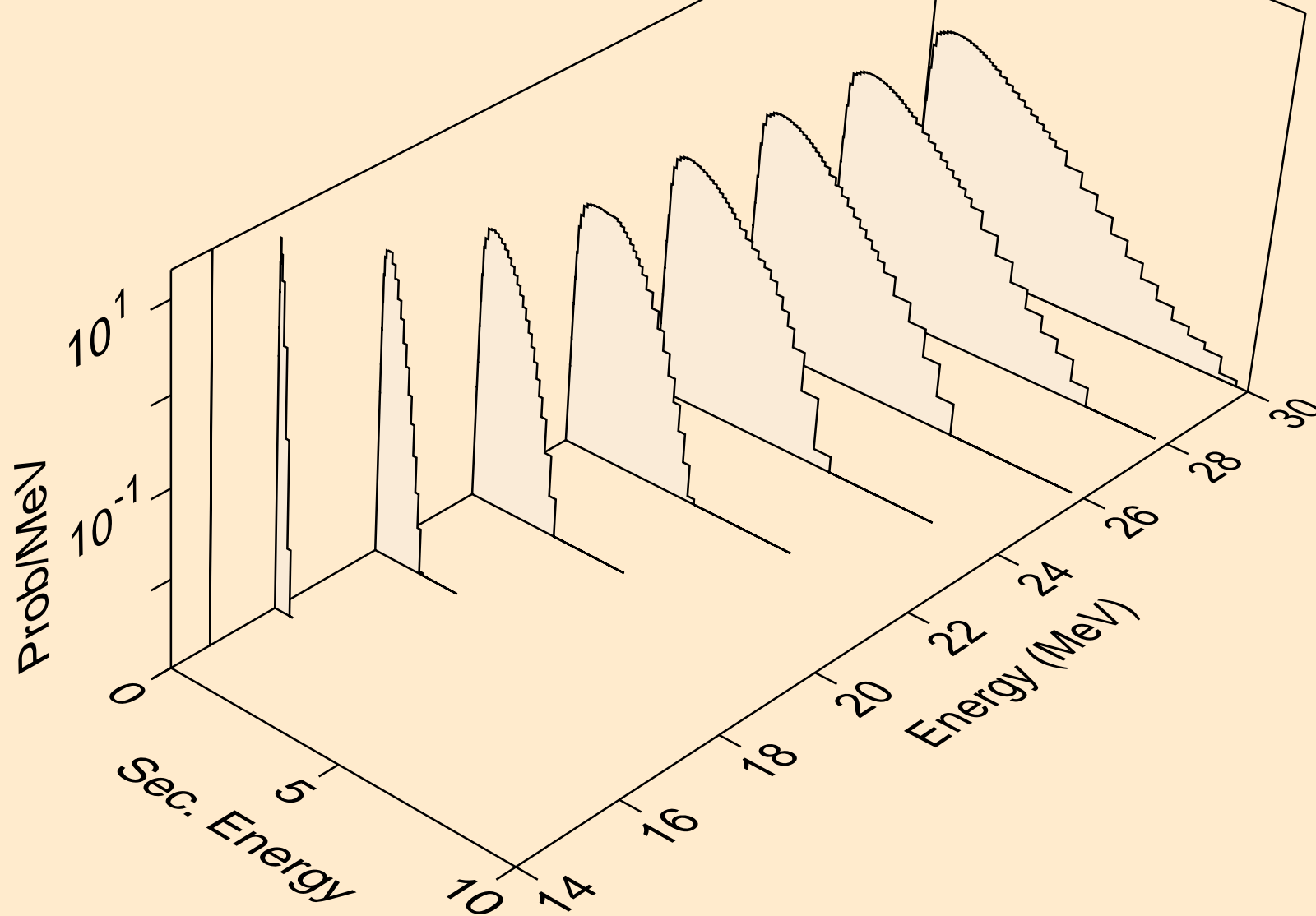




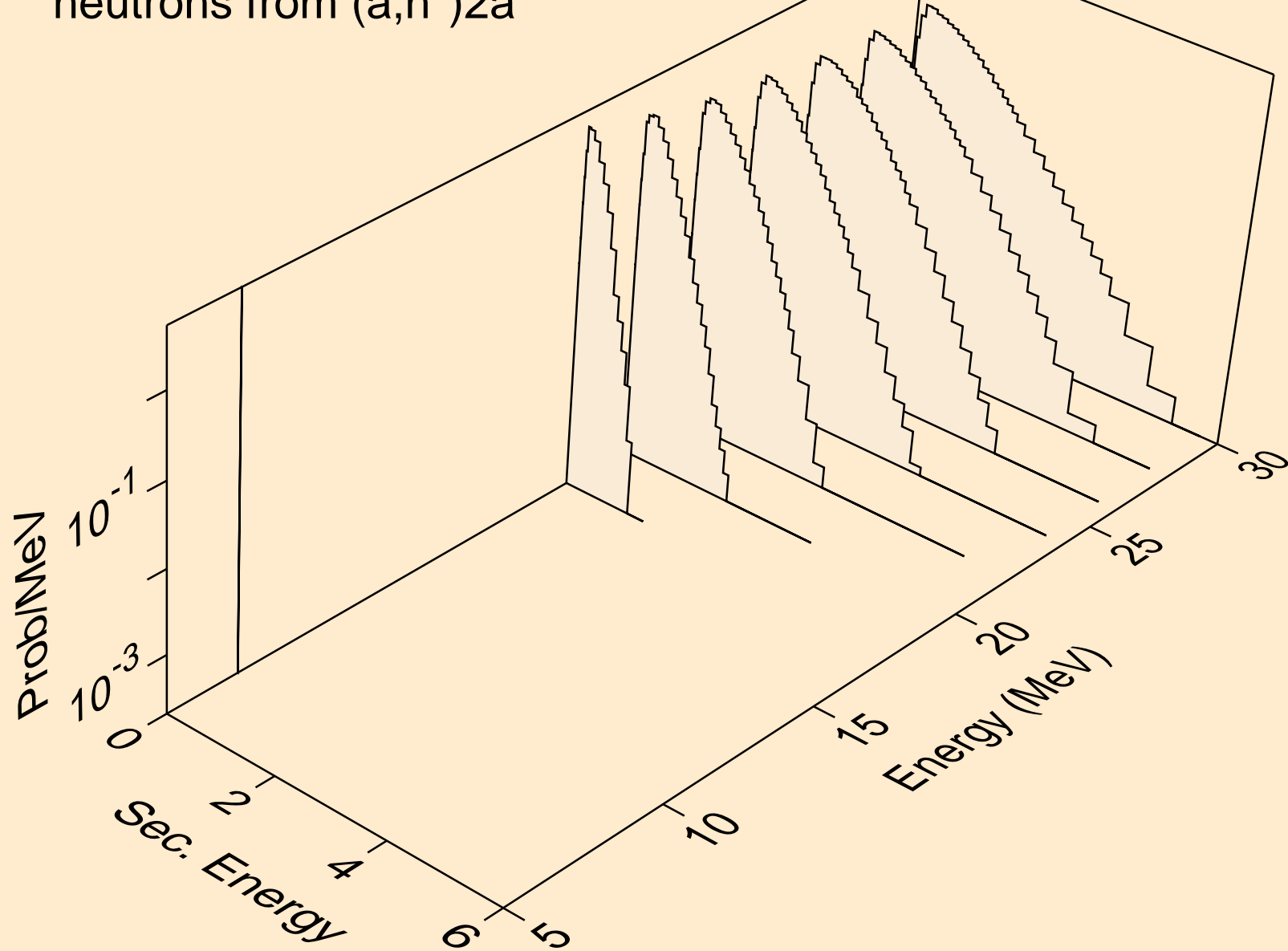
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a



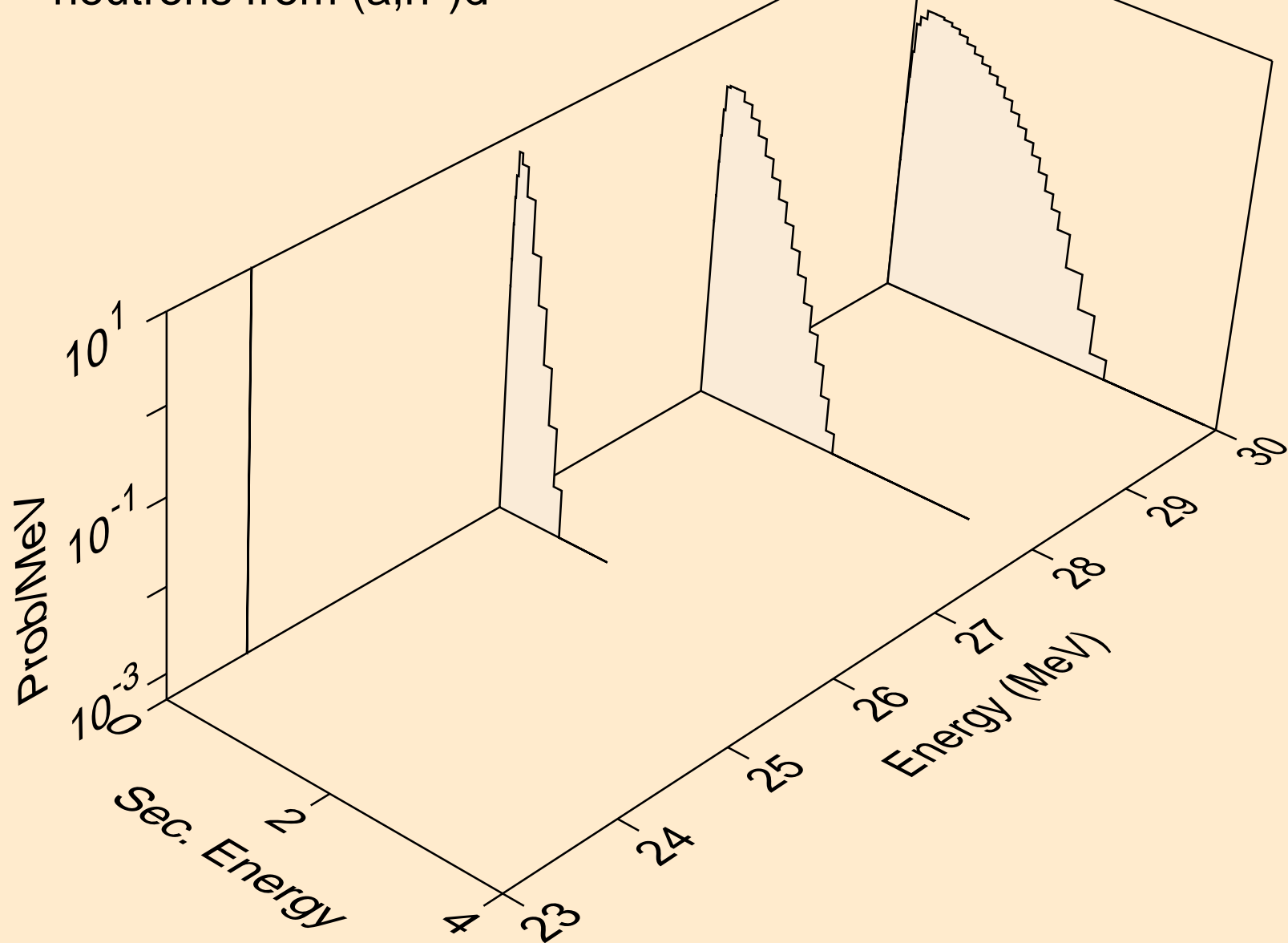
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neutrons from (a,n\*)p



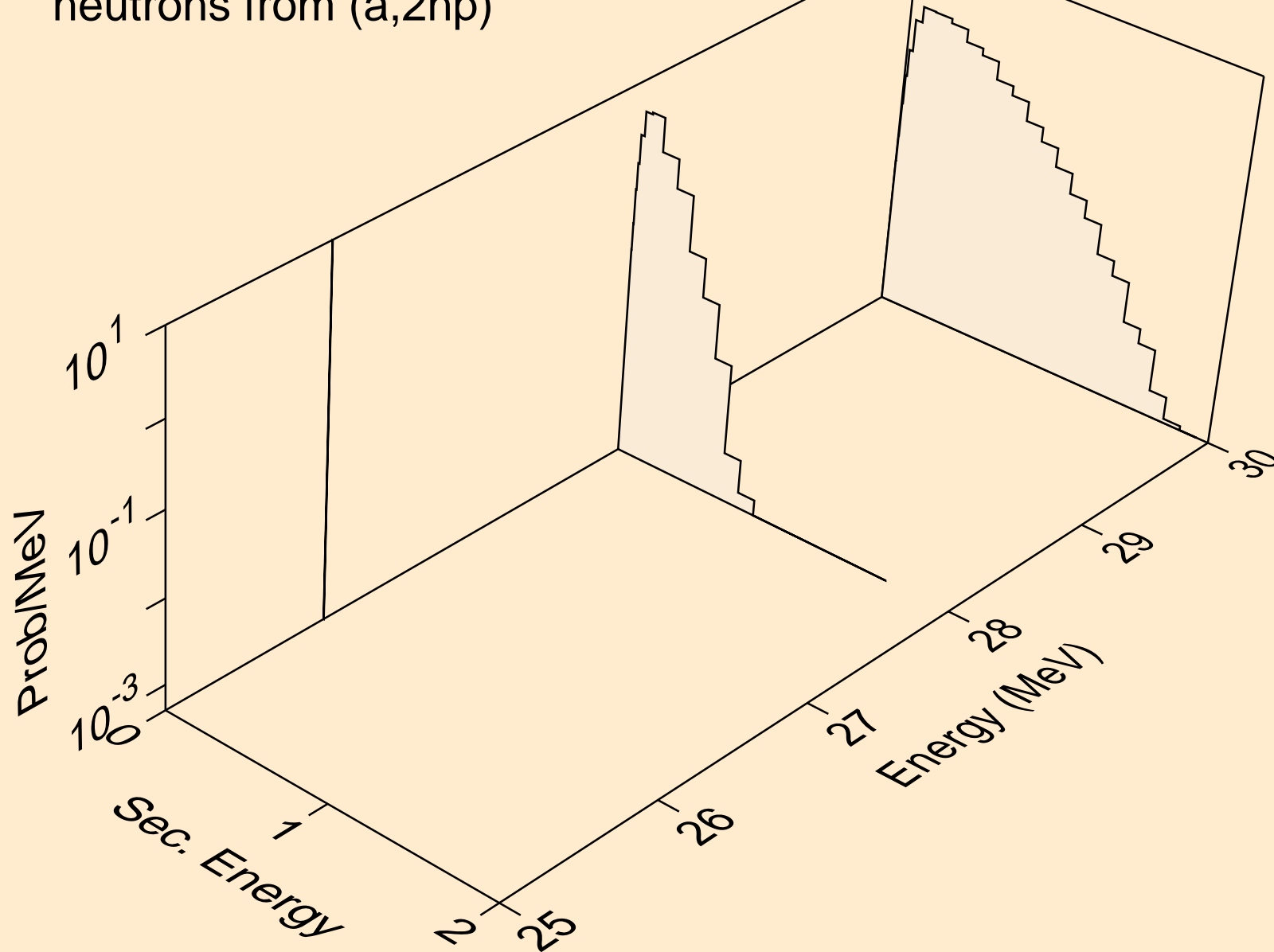
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neutrons from (a,n\*)2a



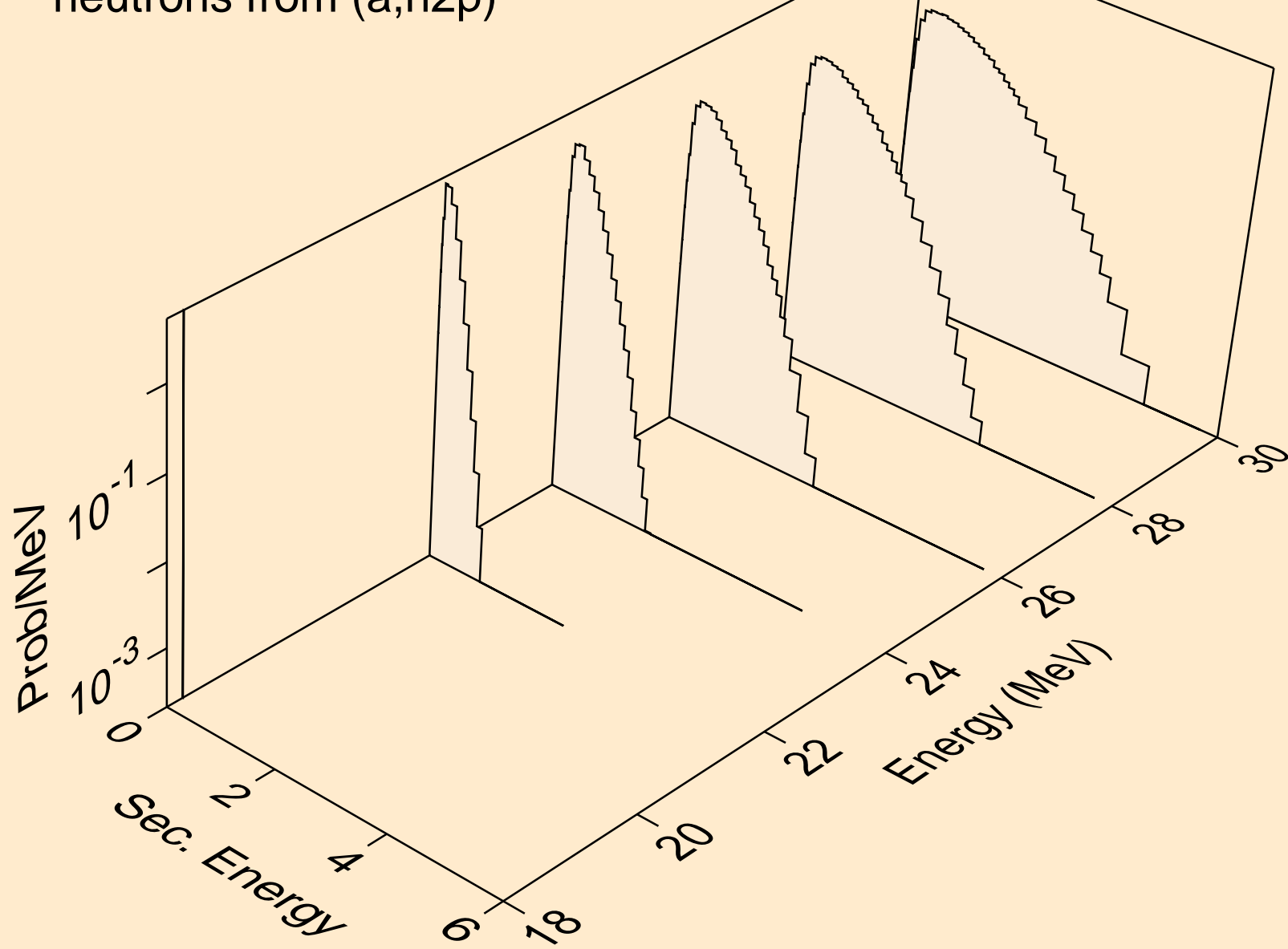
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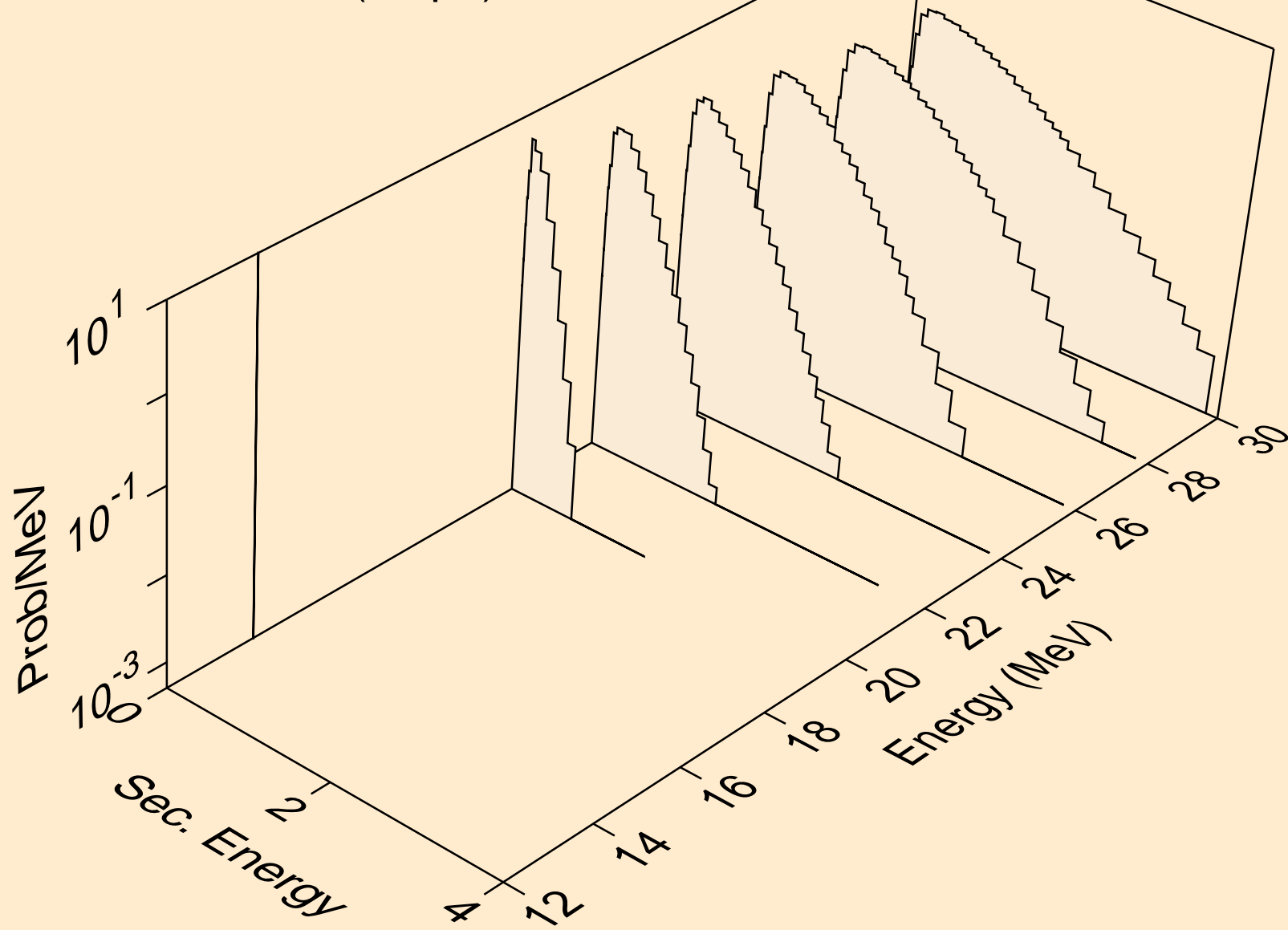
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neutrons from (a,2np)



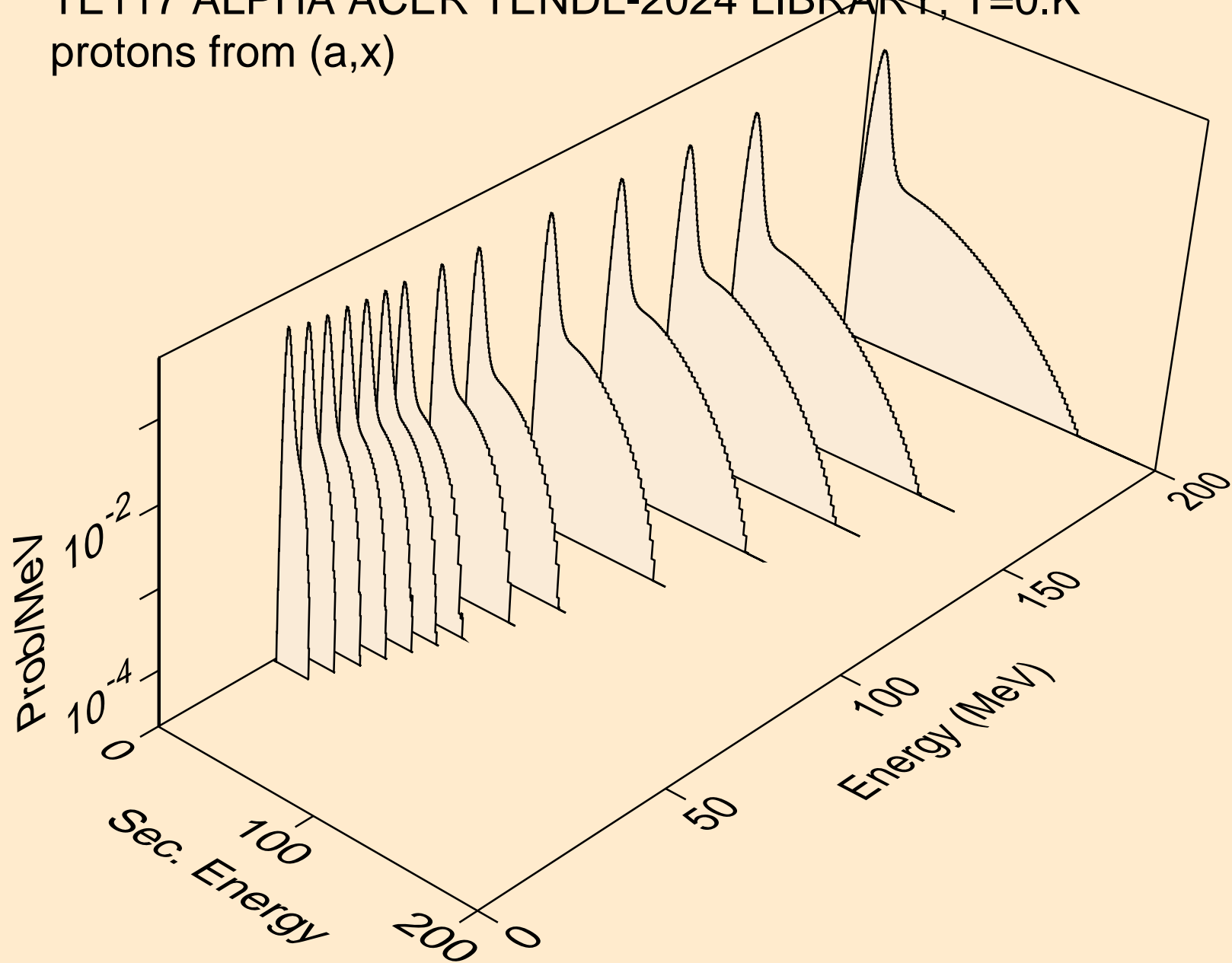
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n2p)



TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,npa)

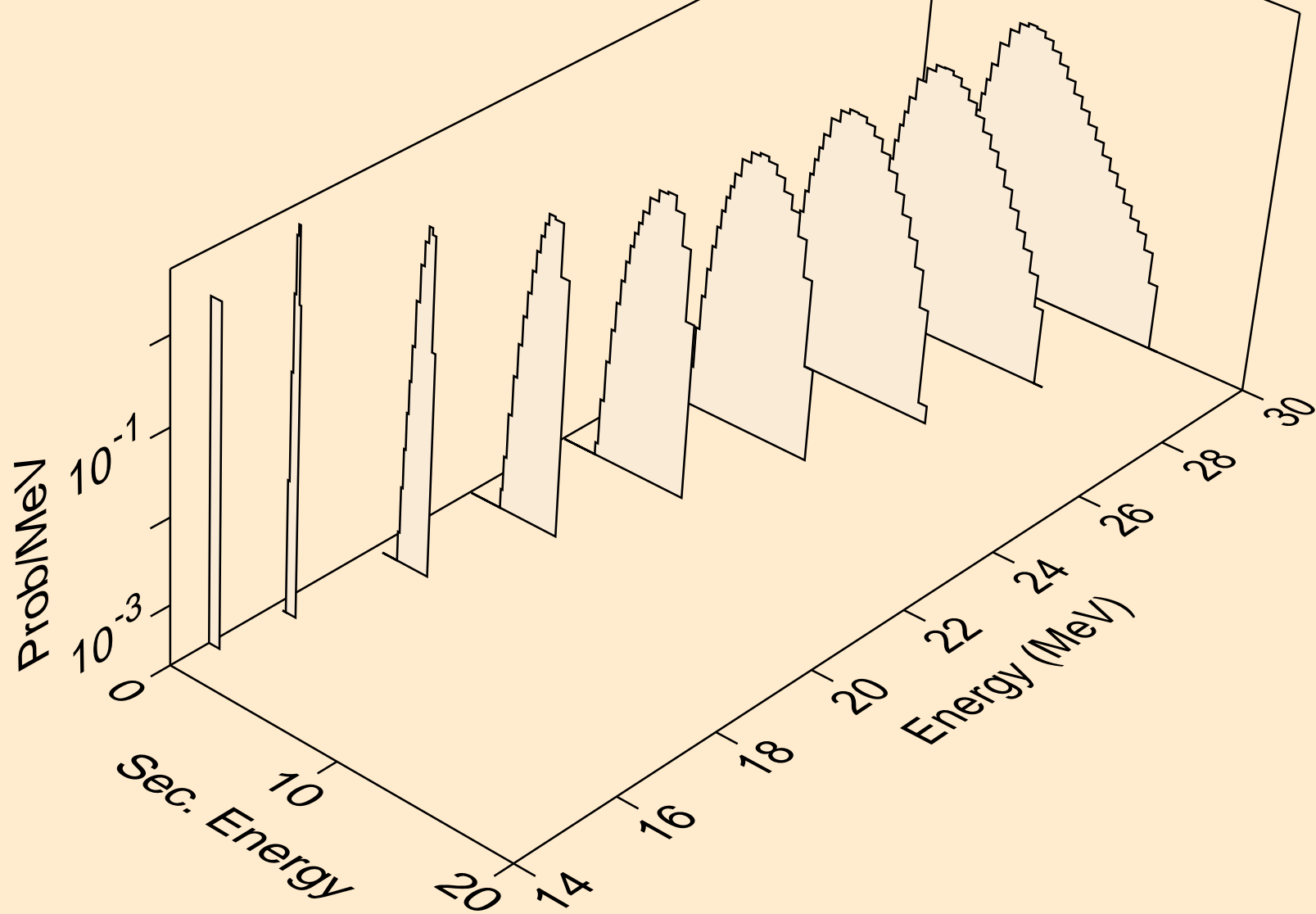


TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)

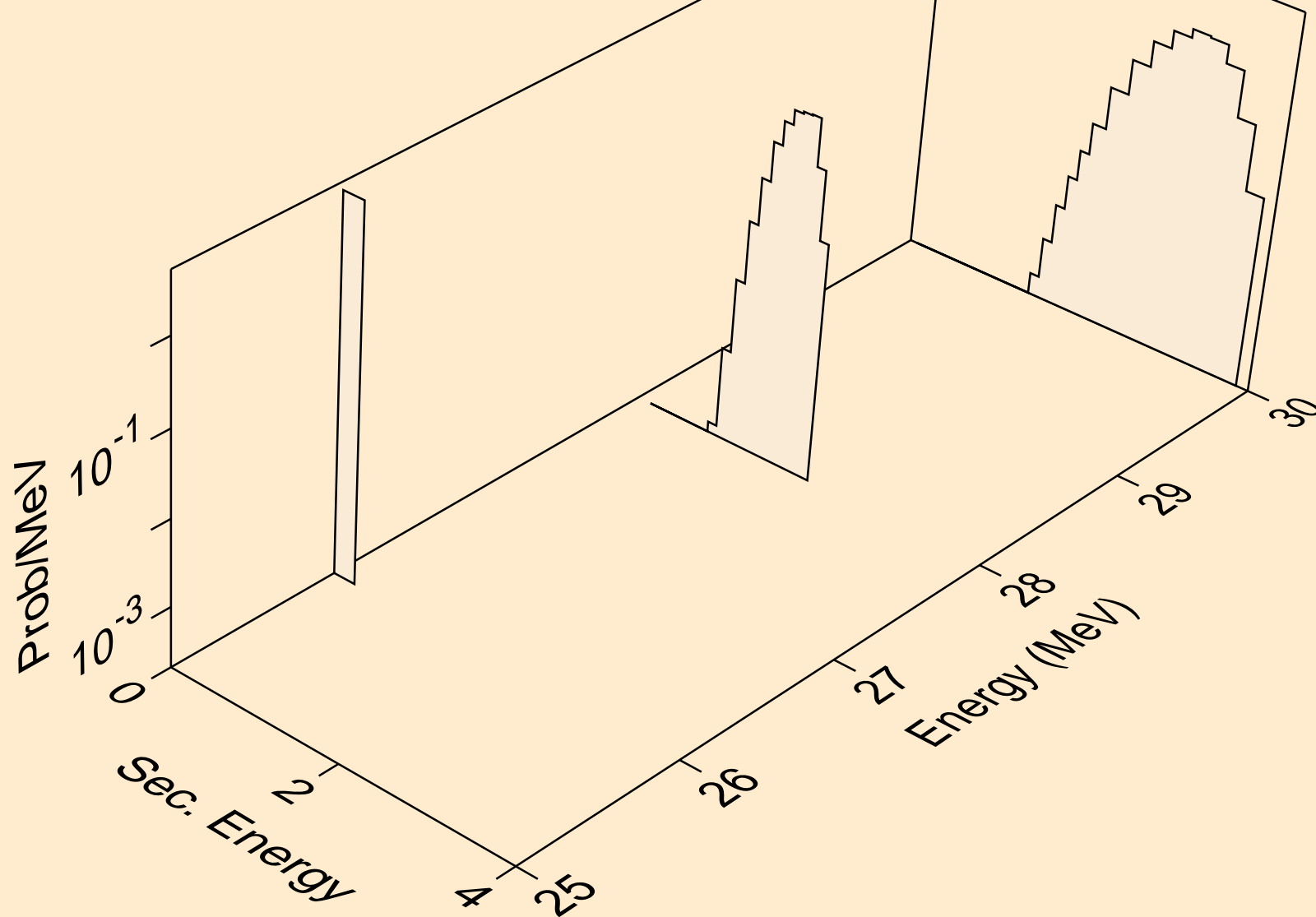




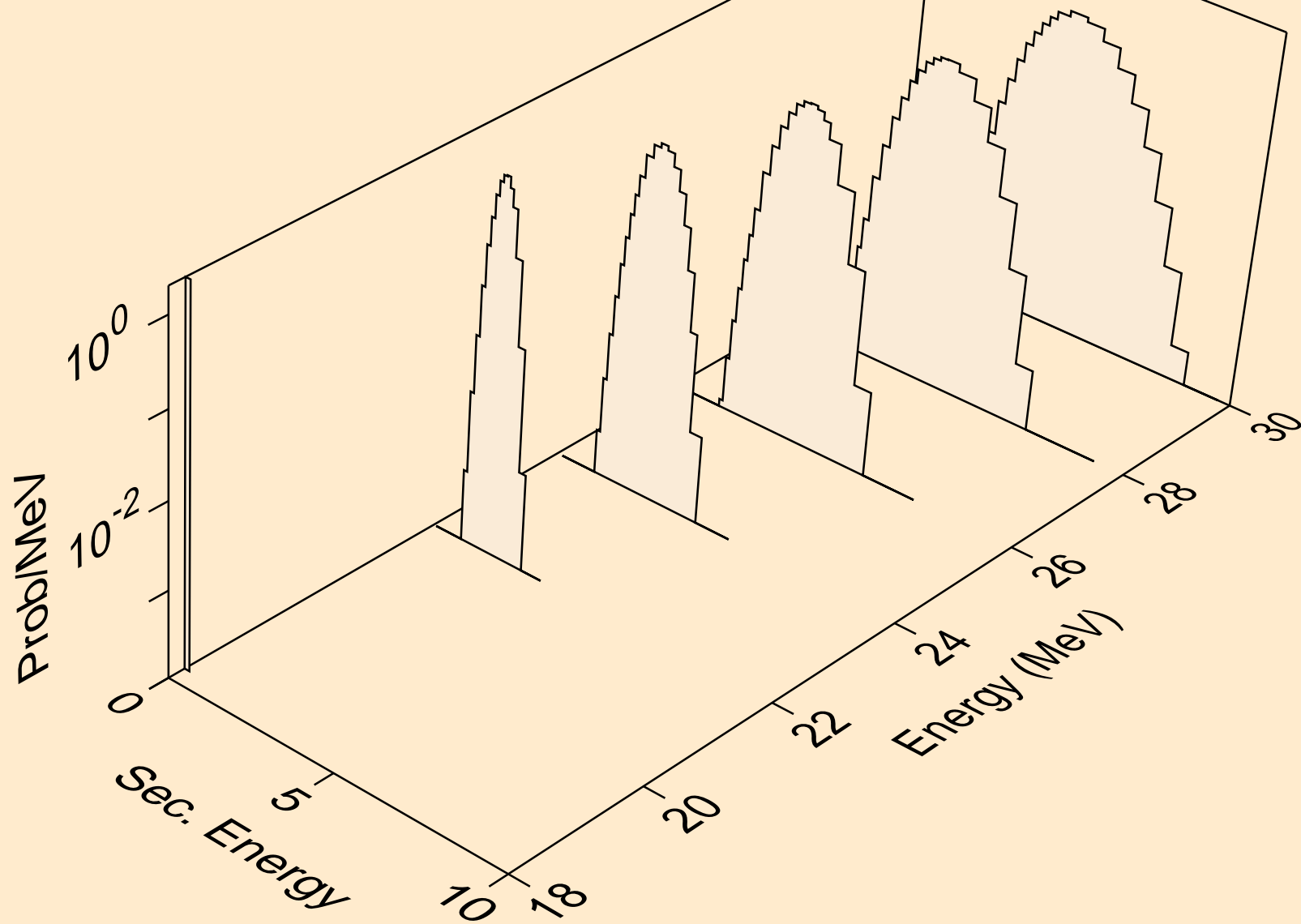
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n\*)p



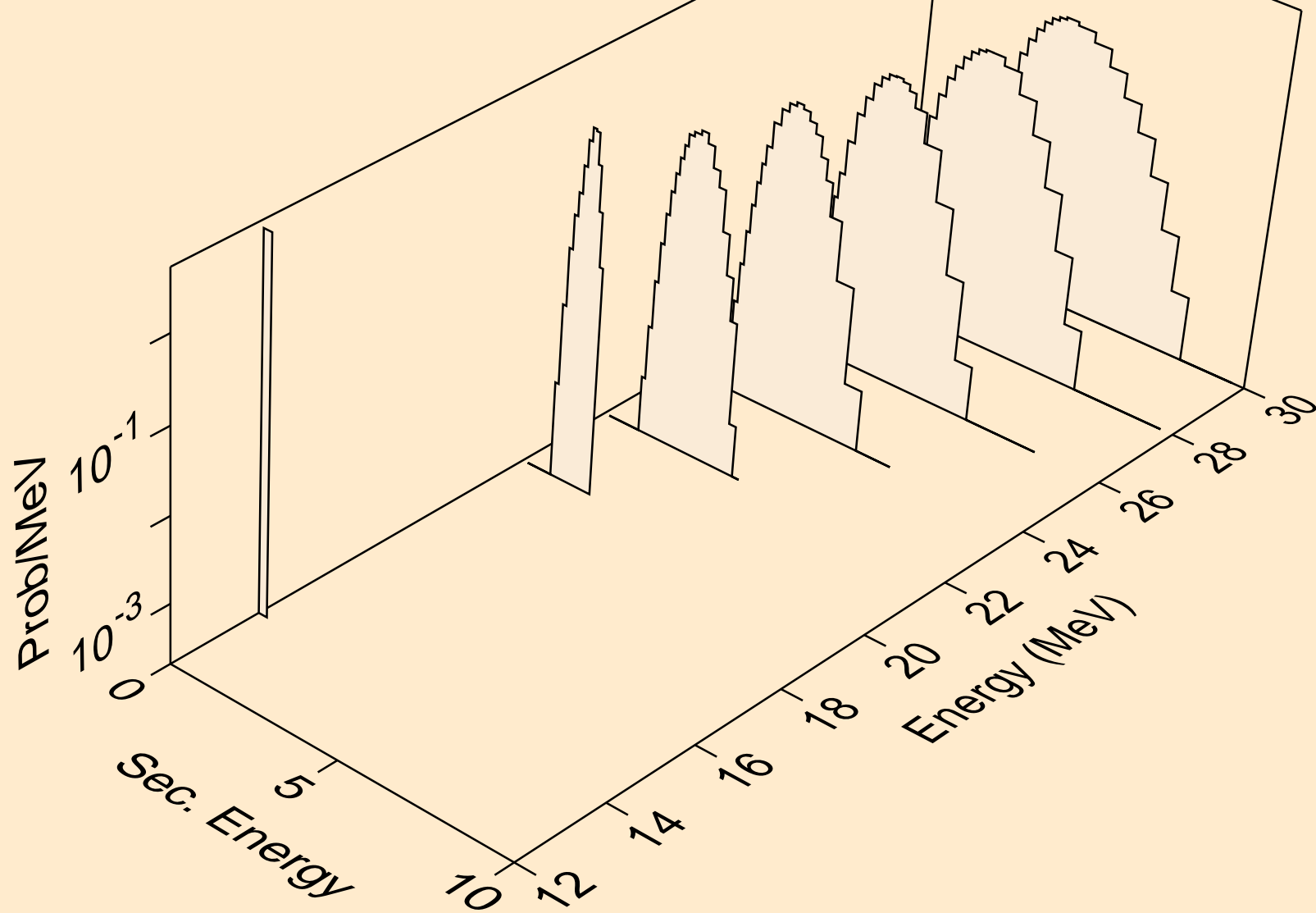
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protons from (a,2np)



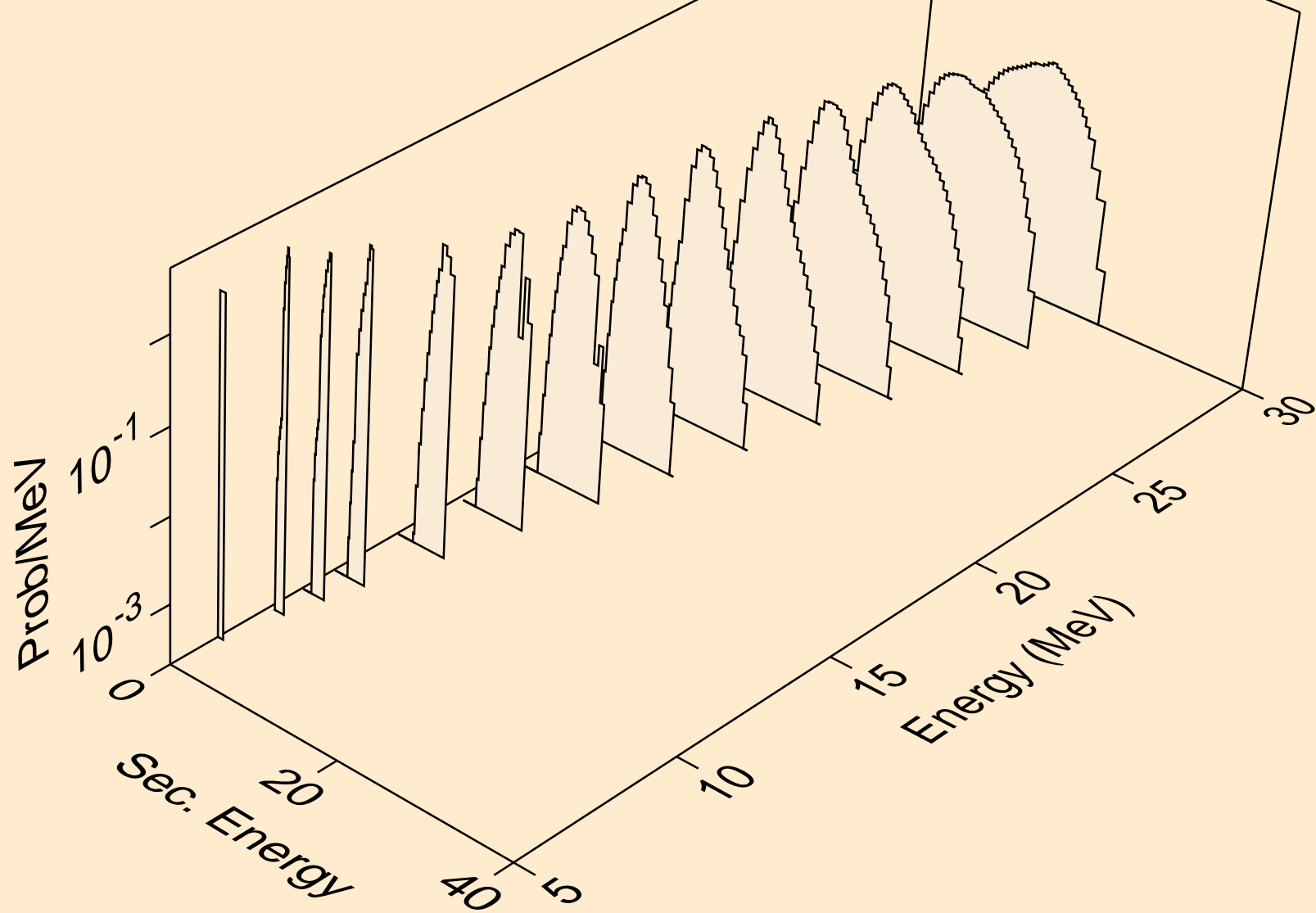
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protons from (a,n2p)



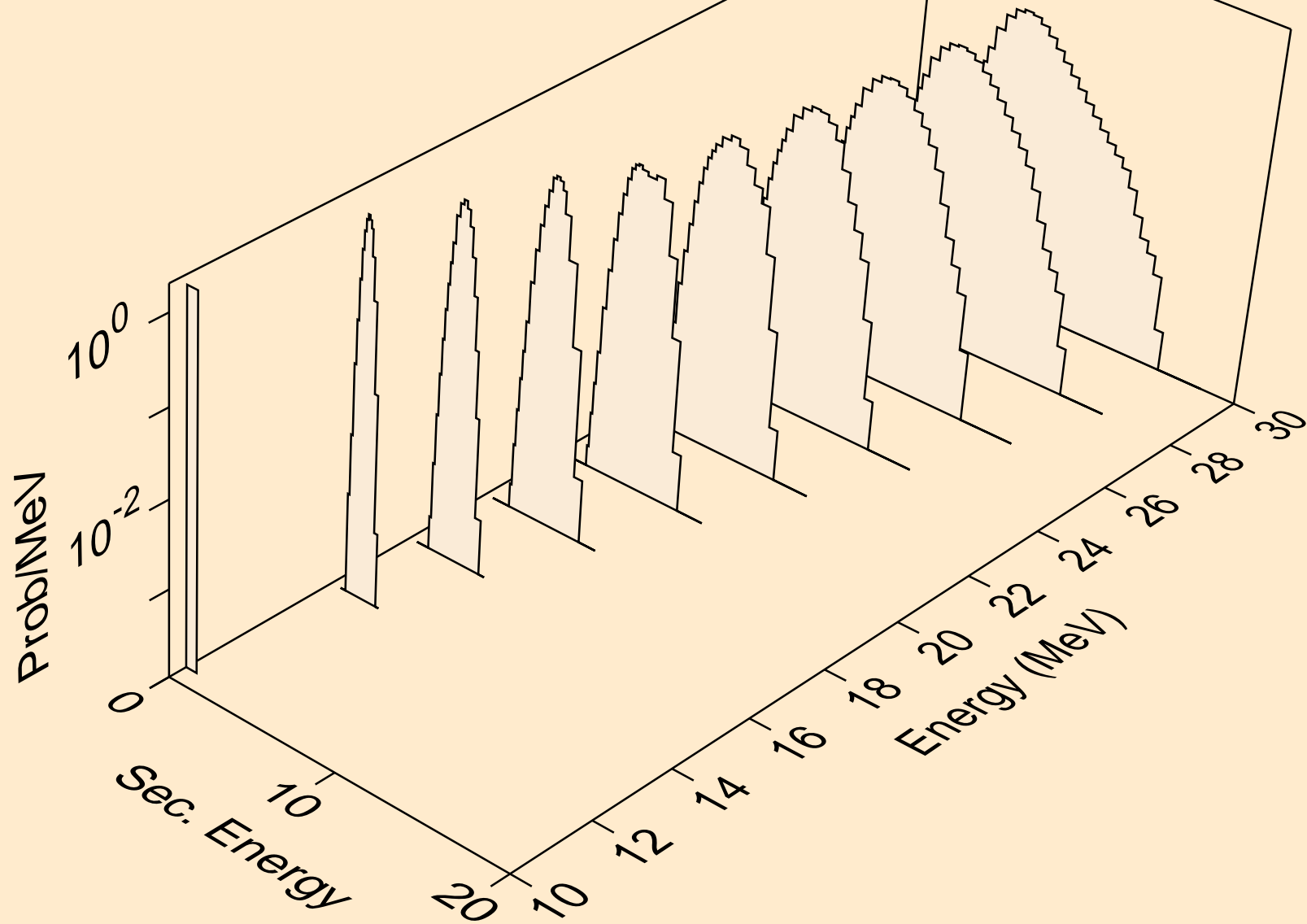
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protons from (a,npa)



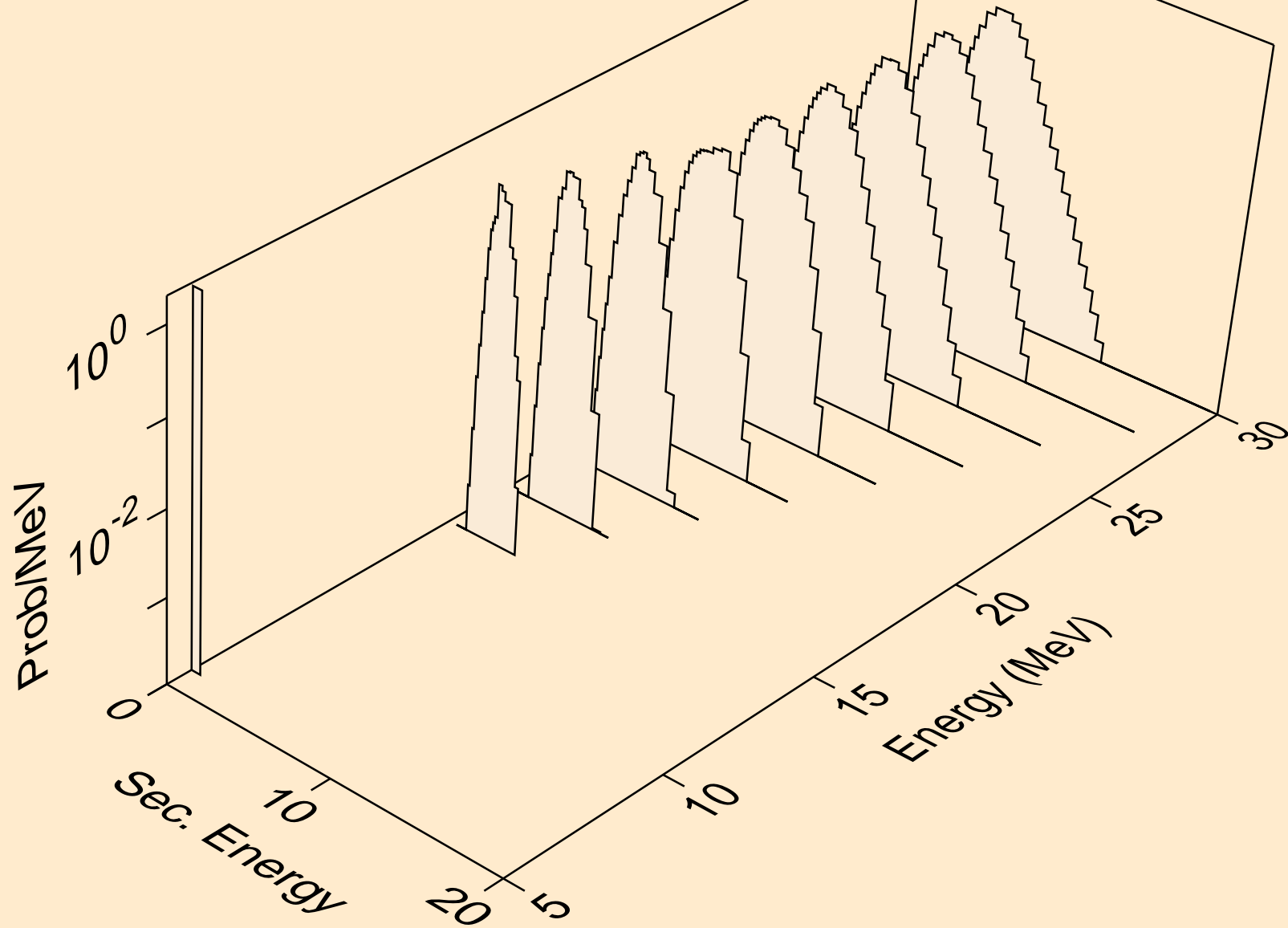
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protons from (a,p)



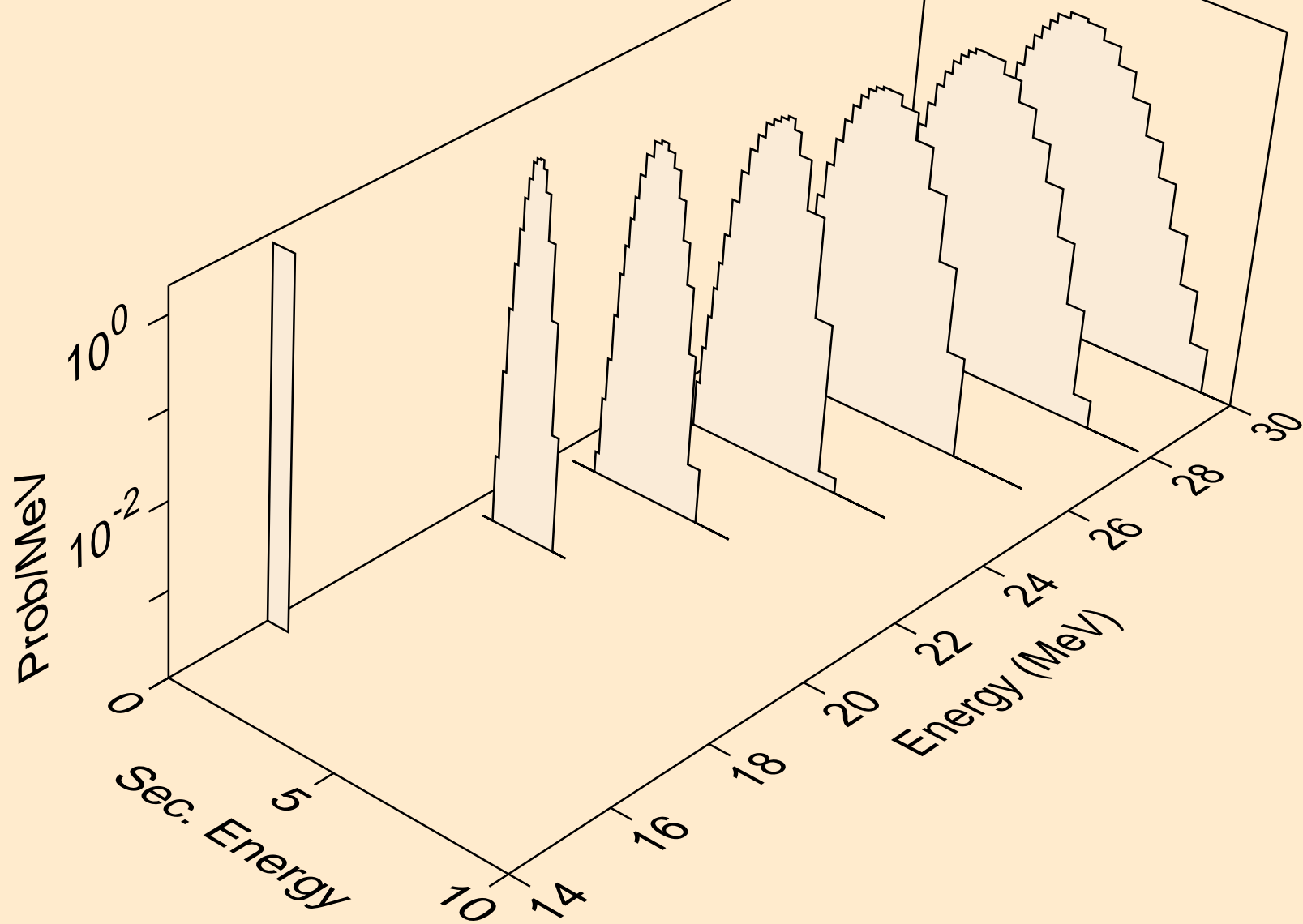
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2p)



TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pa)

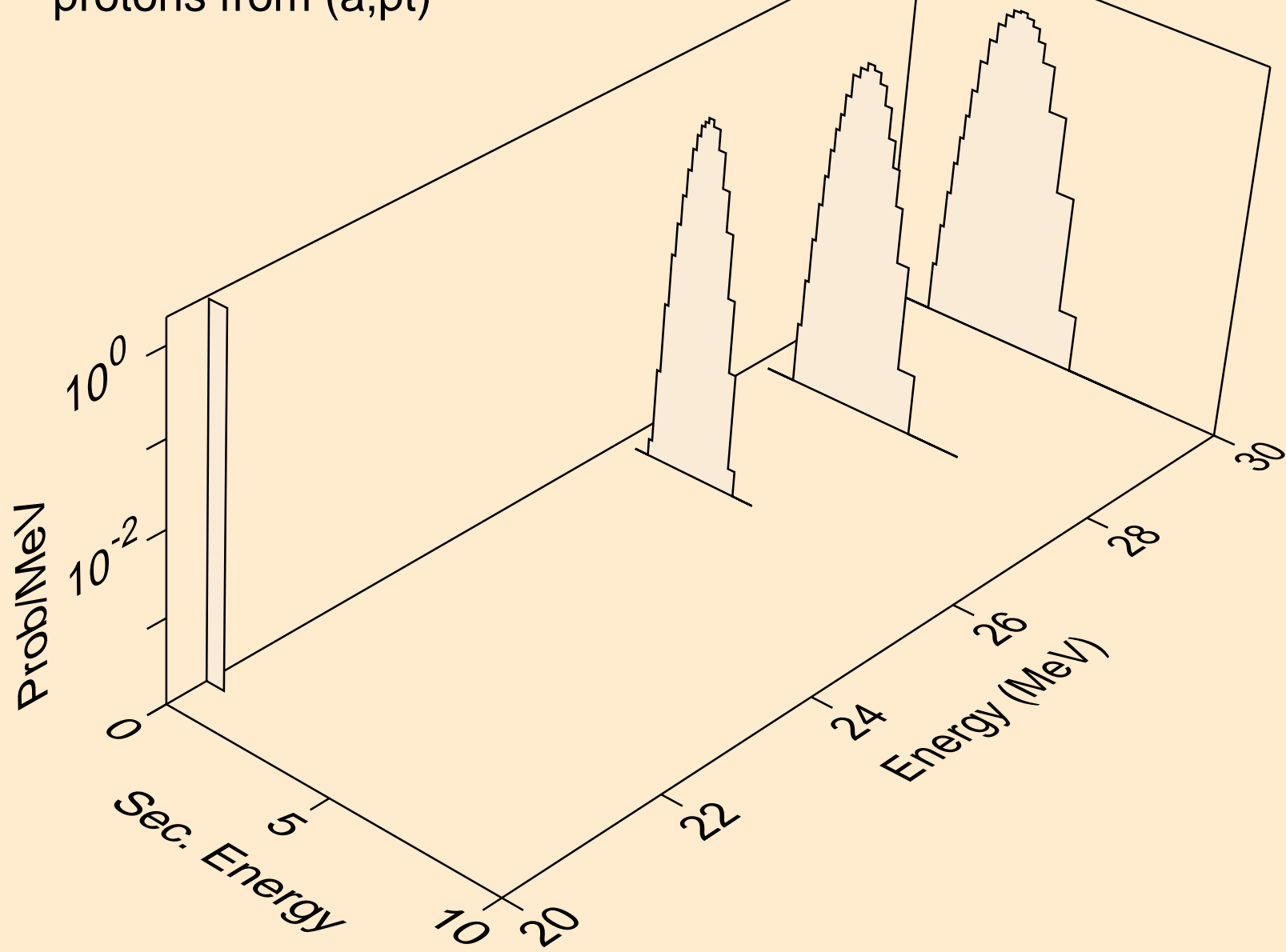


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protons from (a,pd)

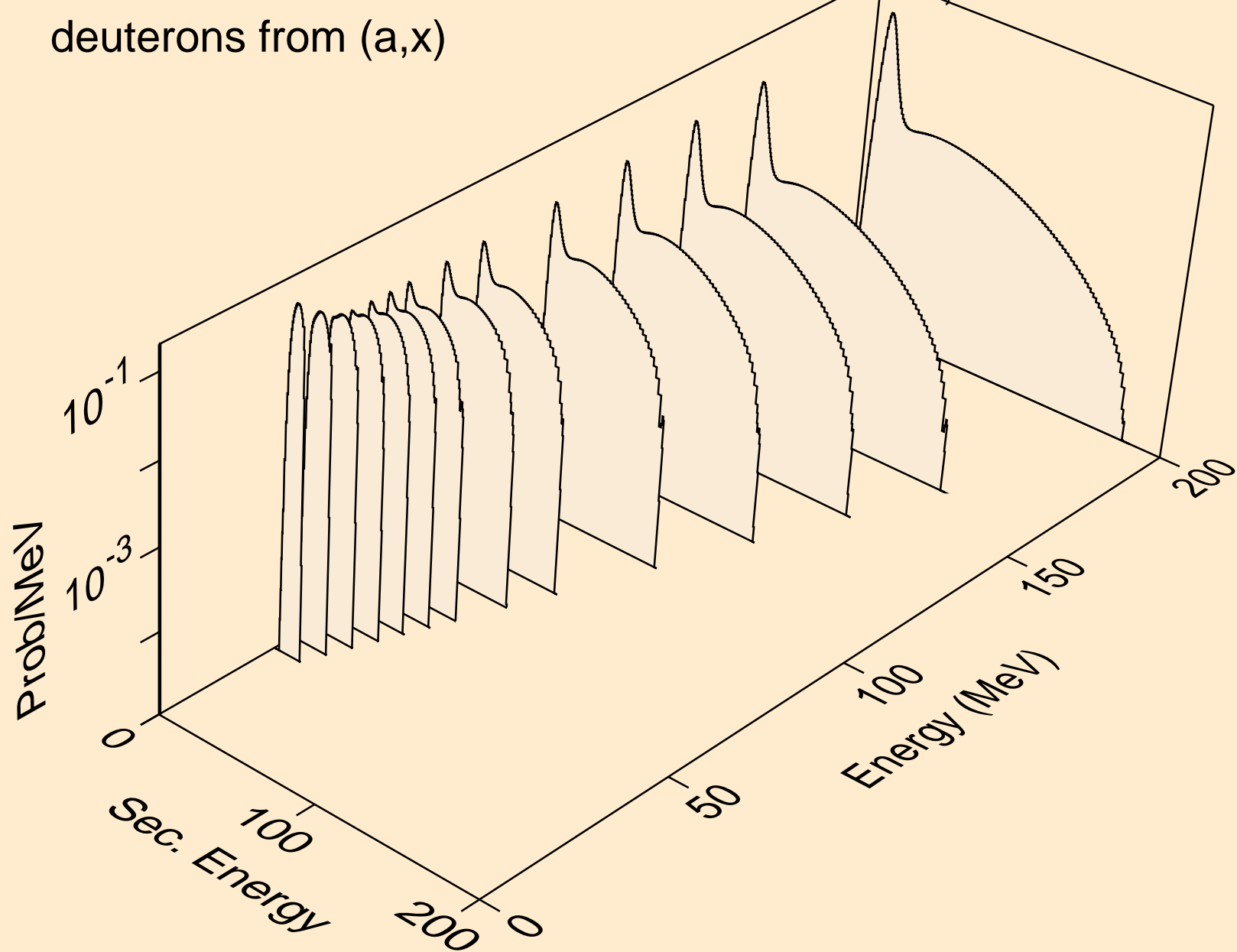




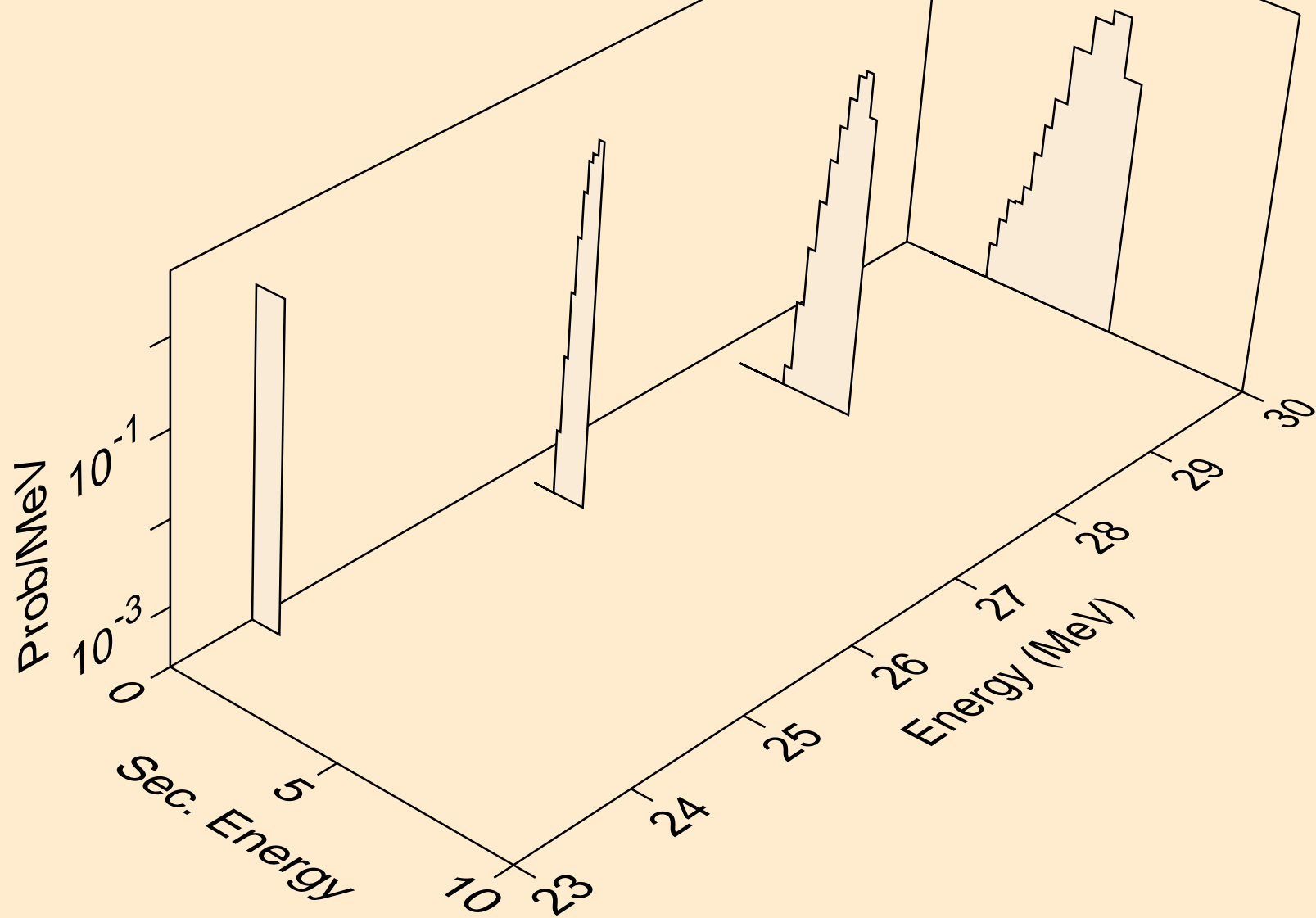
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protons from (a,pt)



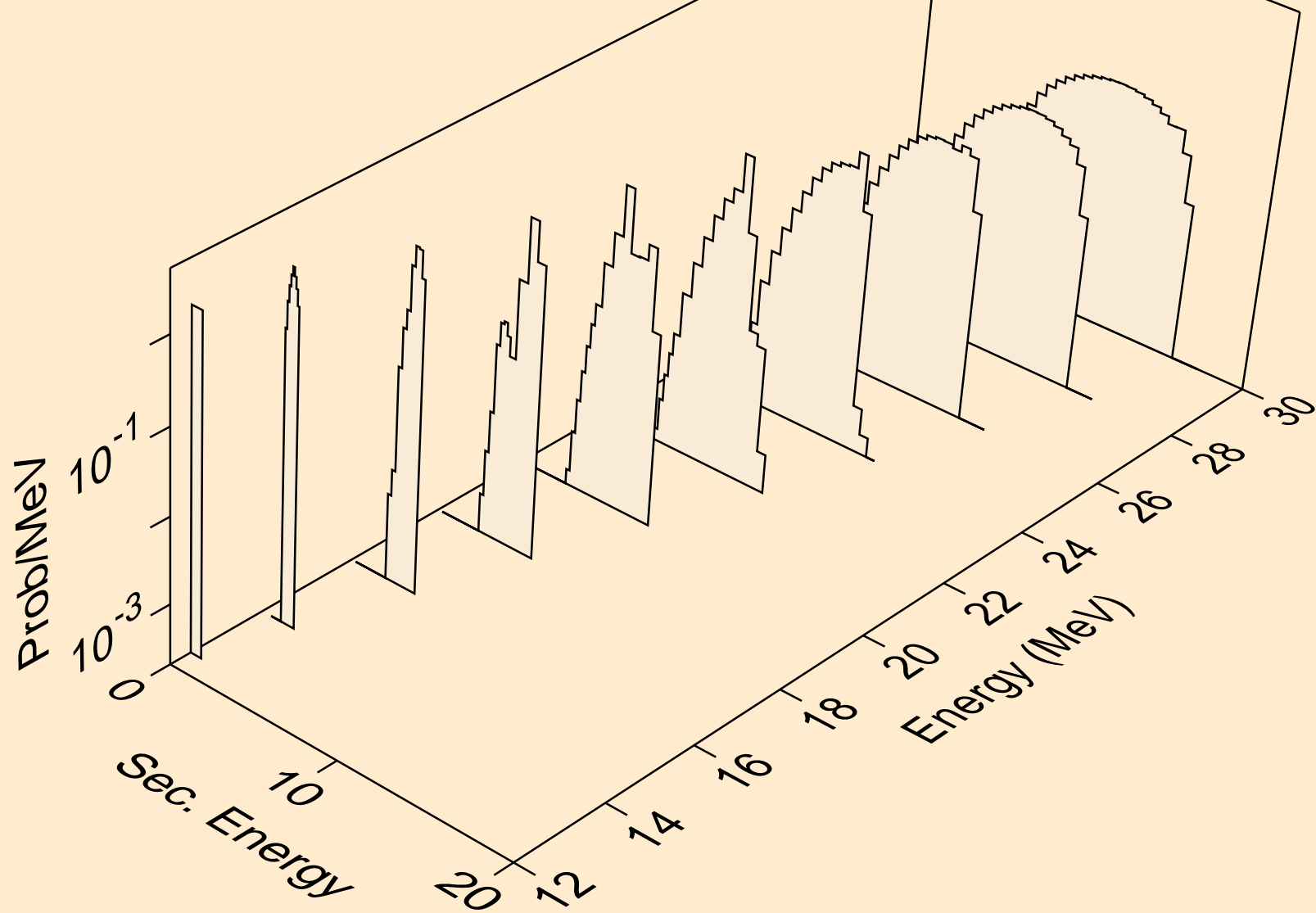
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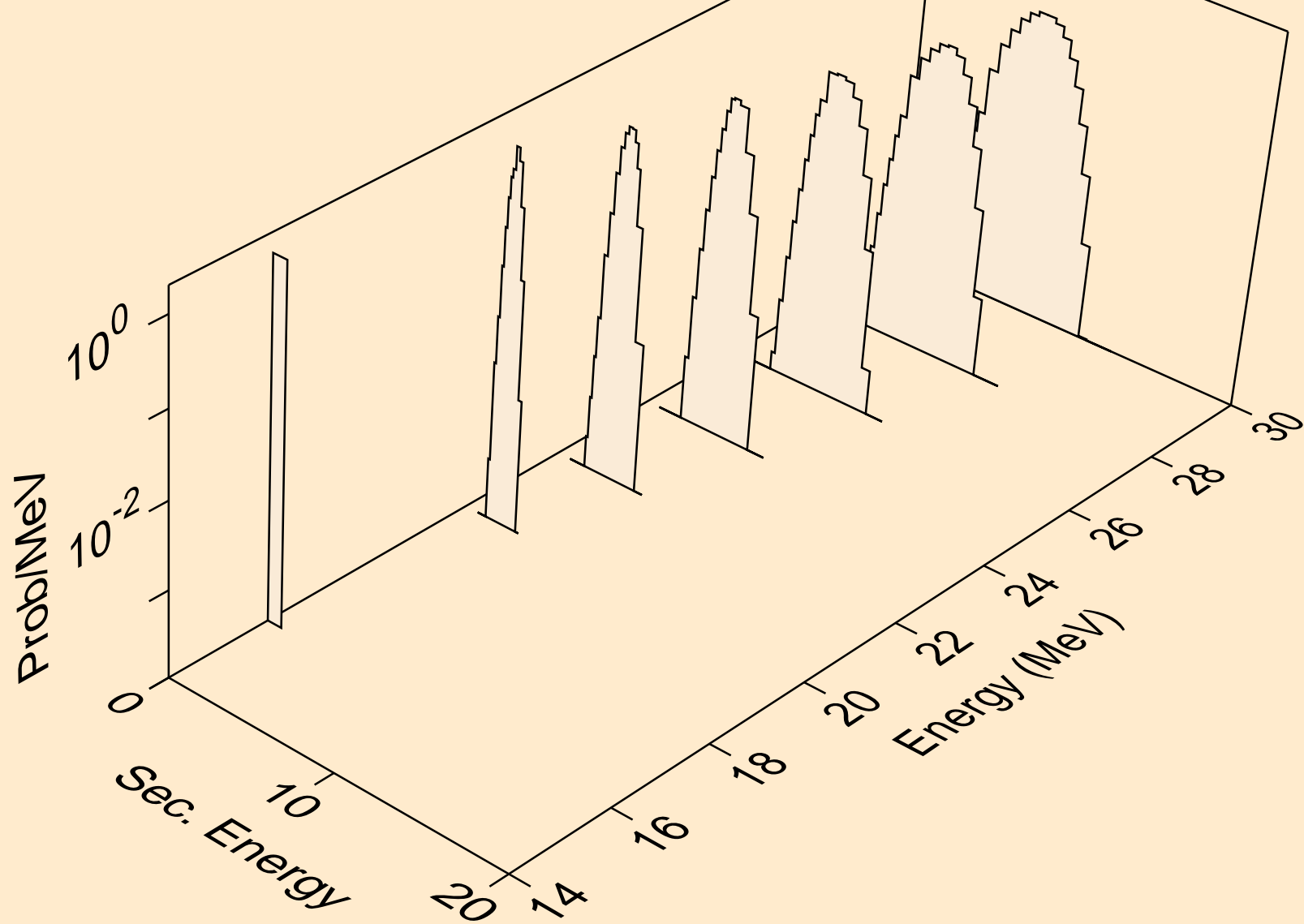
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



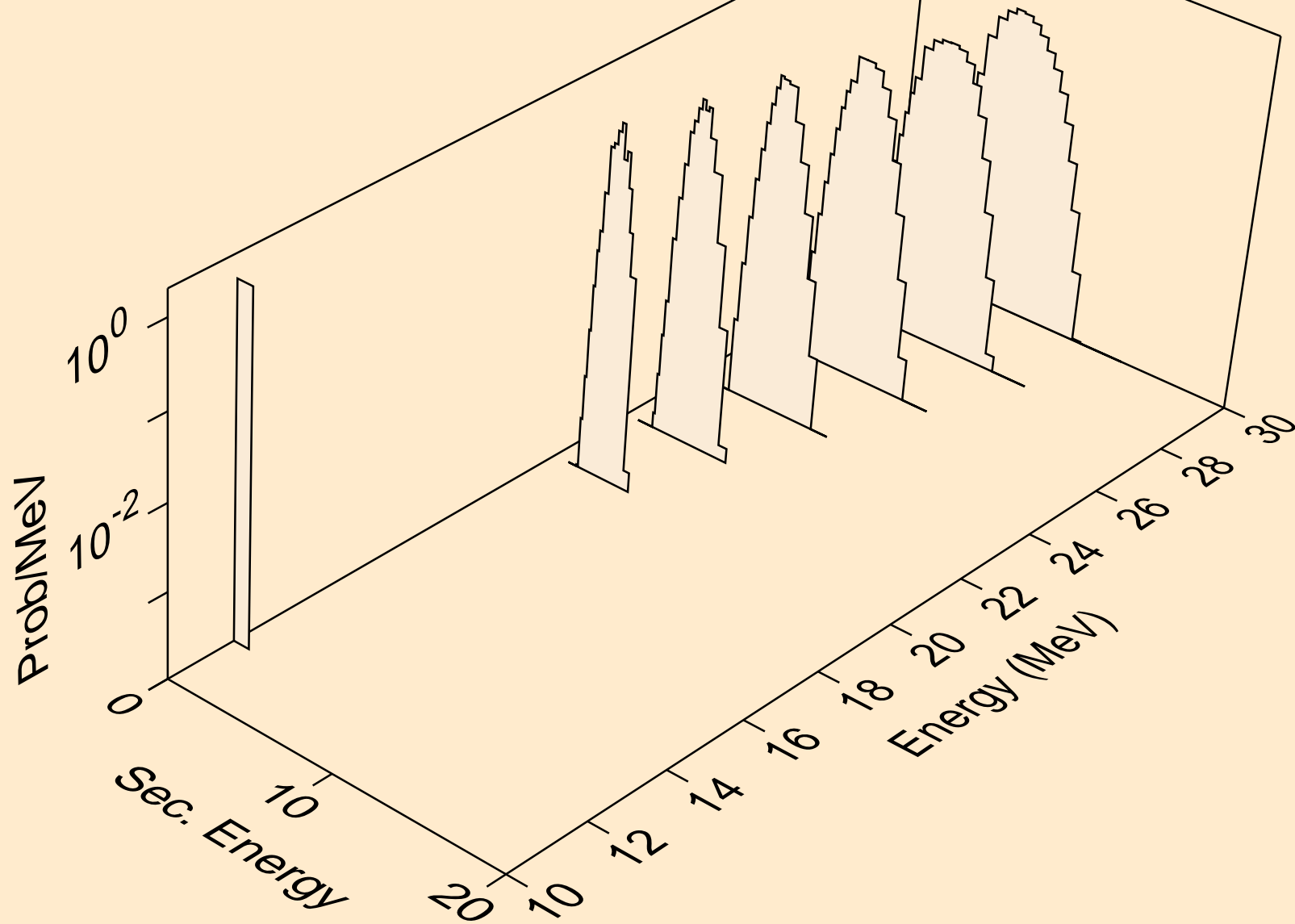
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)



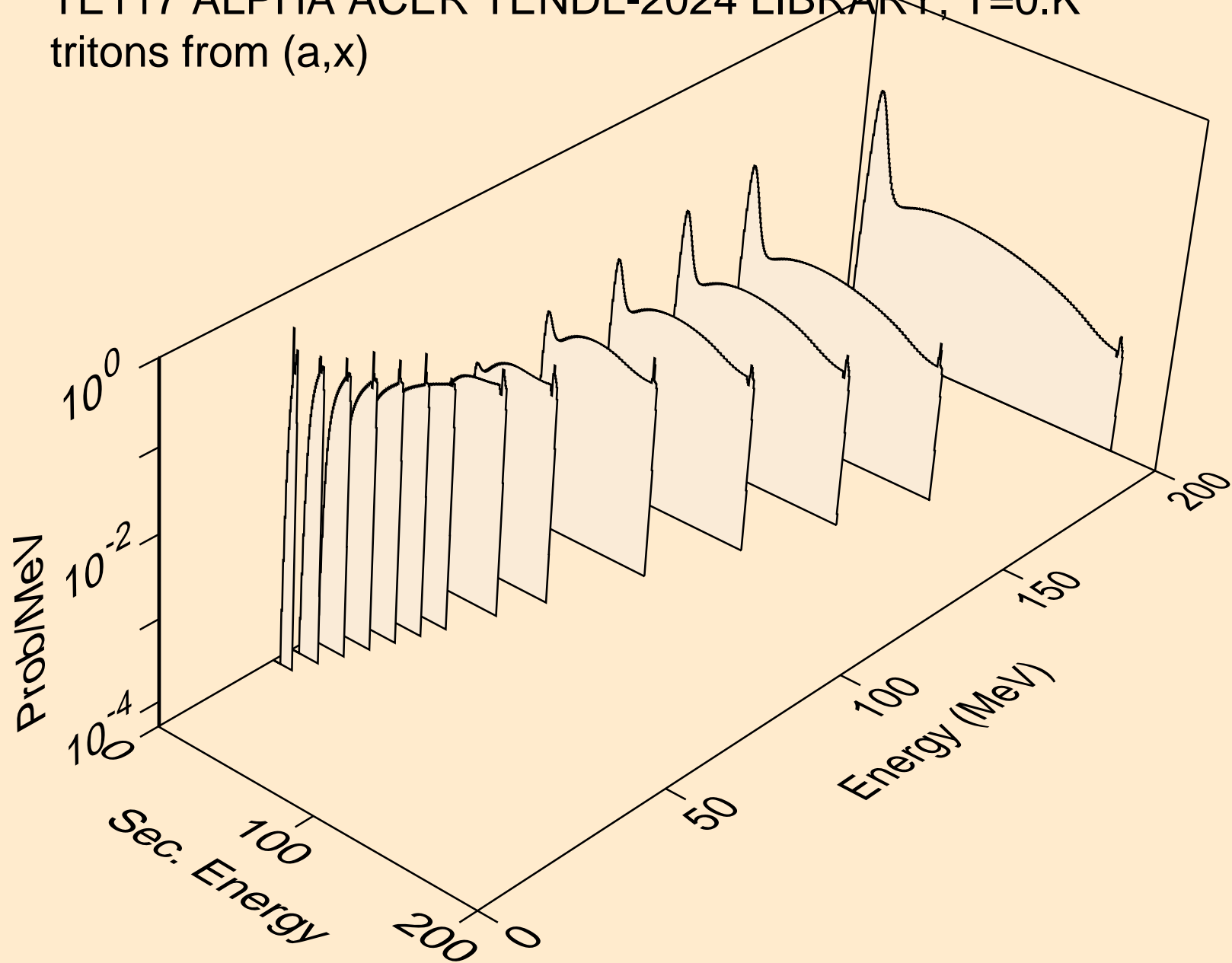
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,pd)



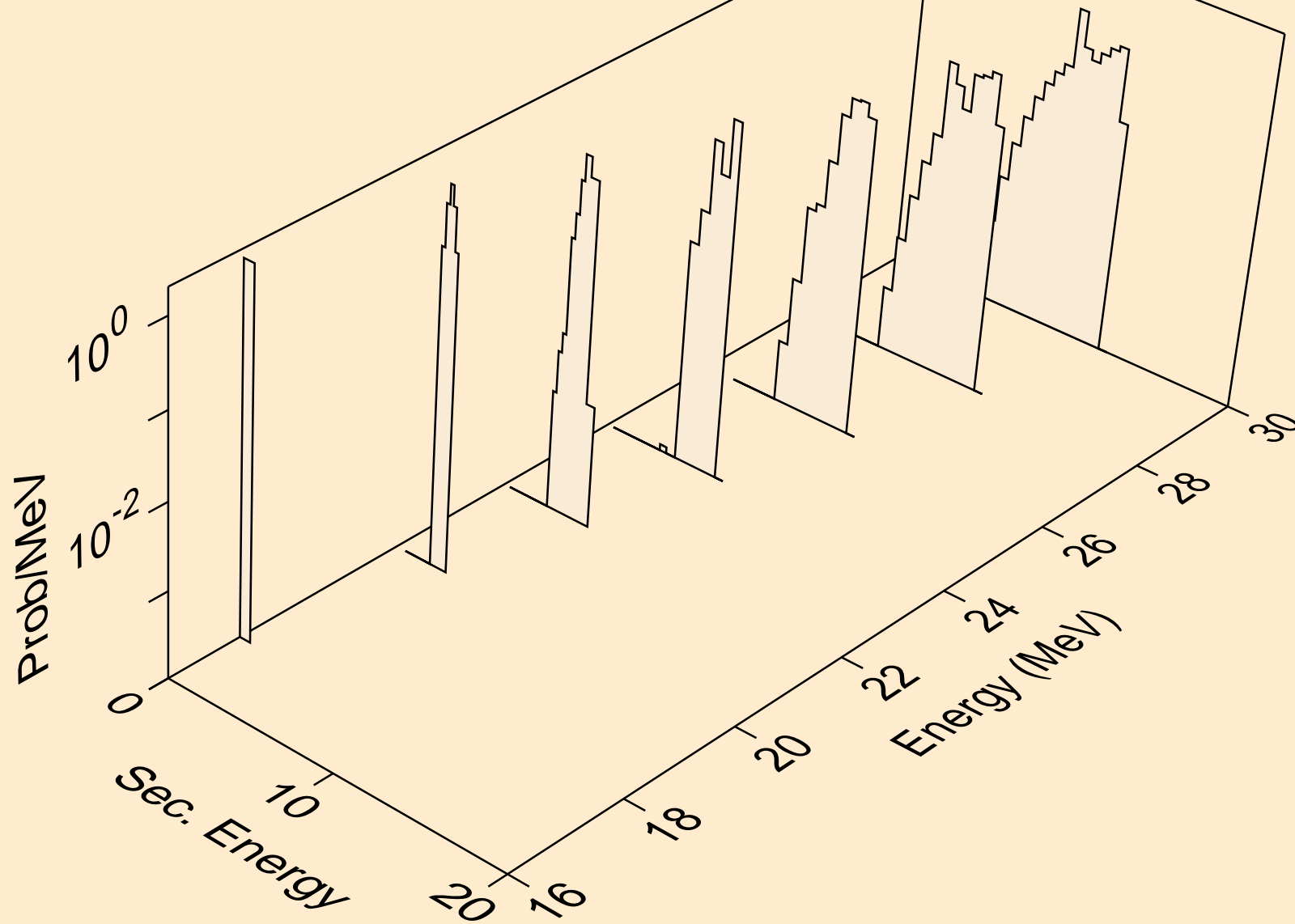
TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,da)



TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)

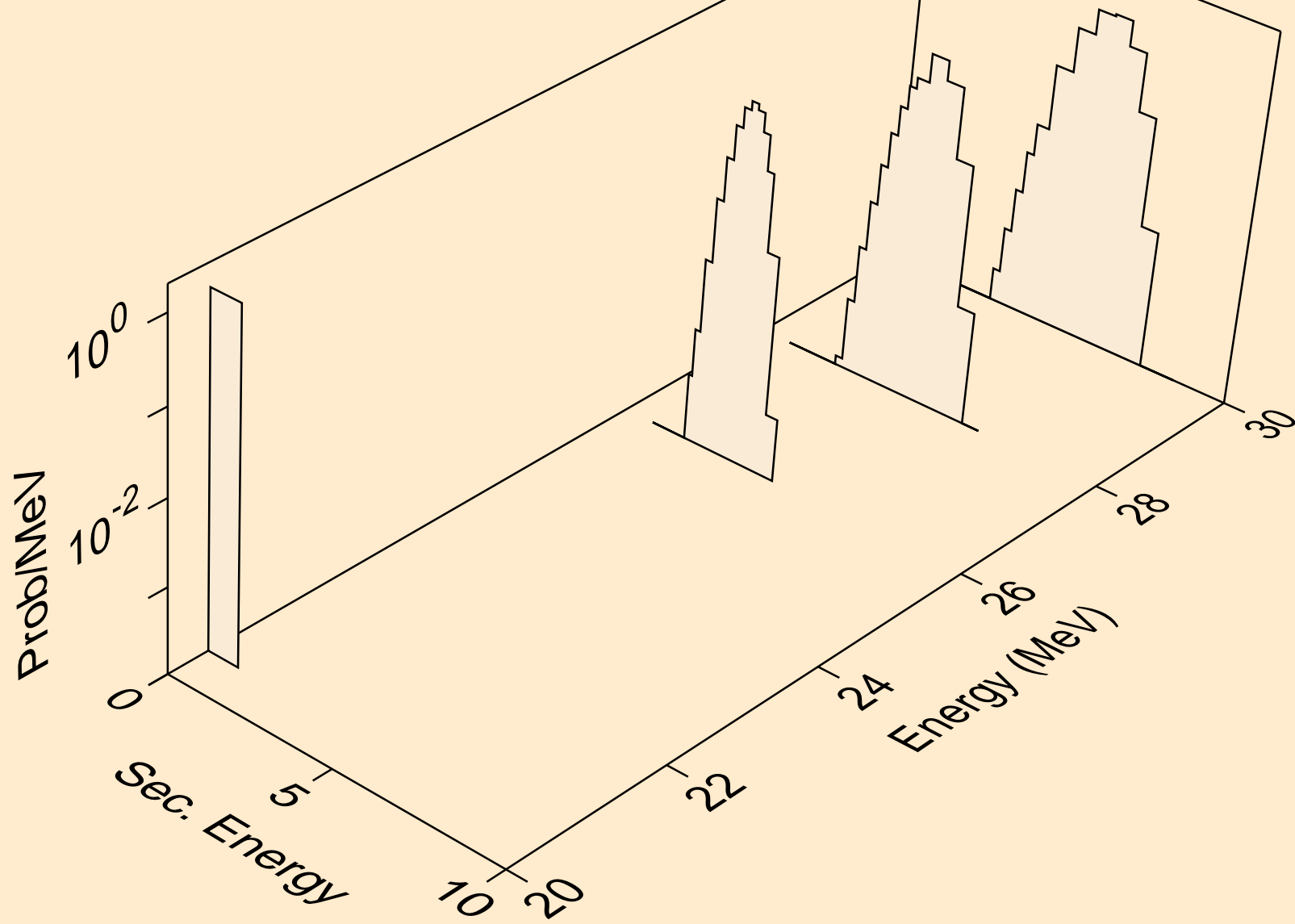


TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)

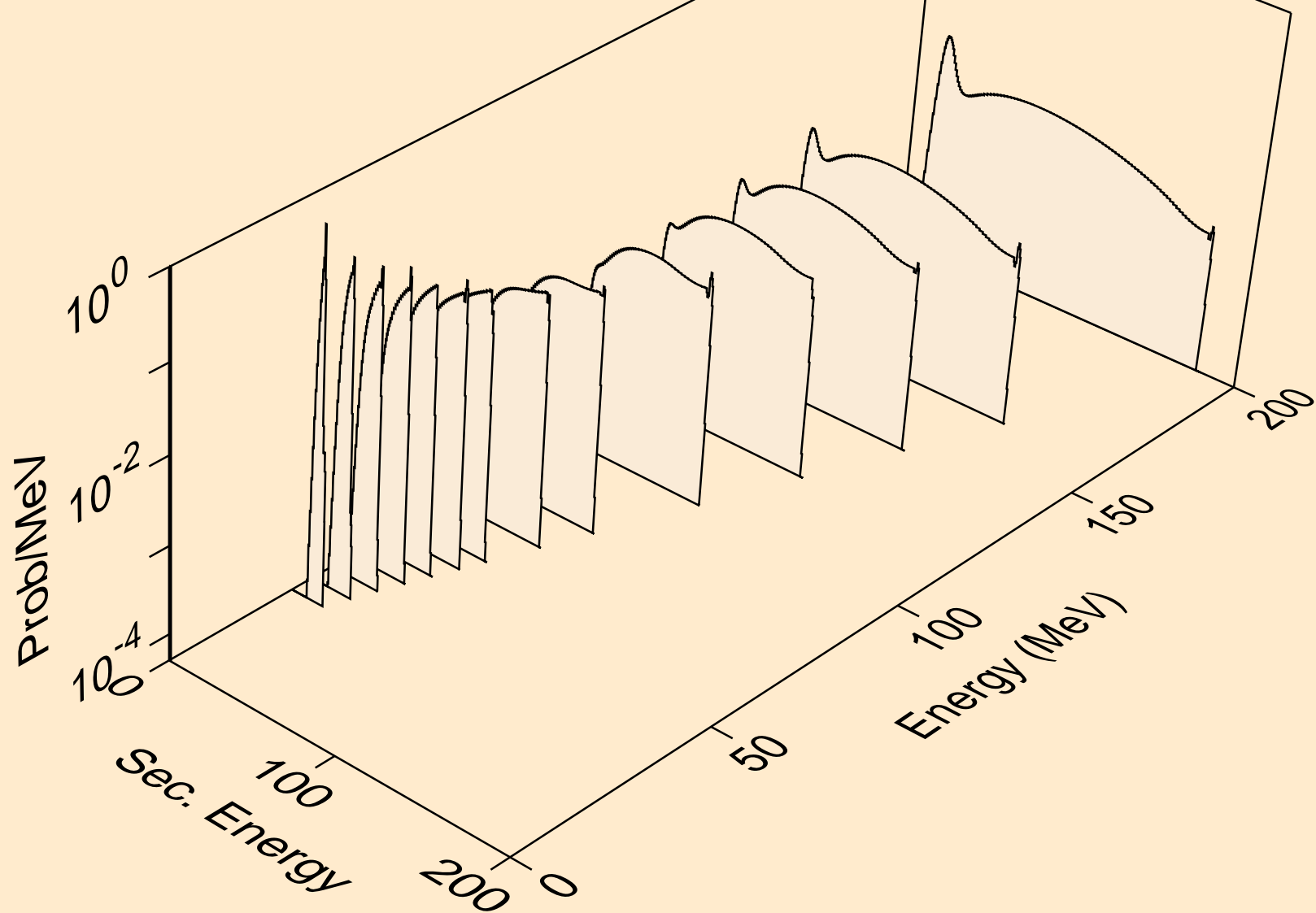




TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,pt)



TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



TE117 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

