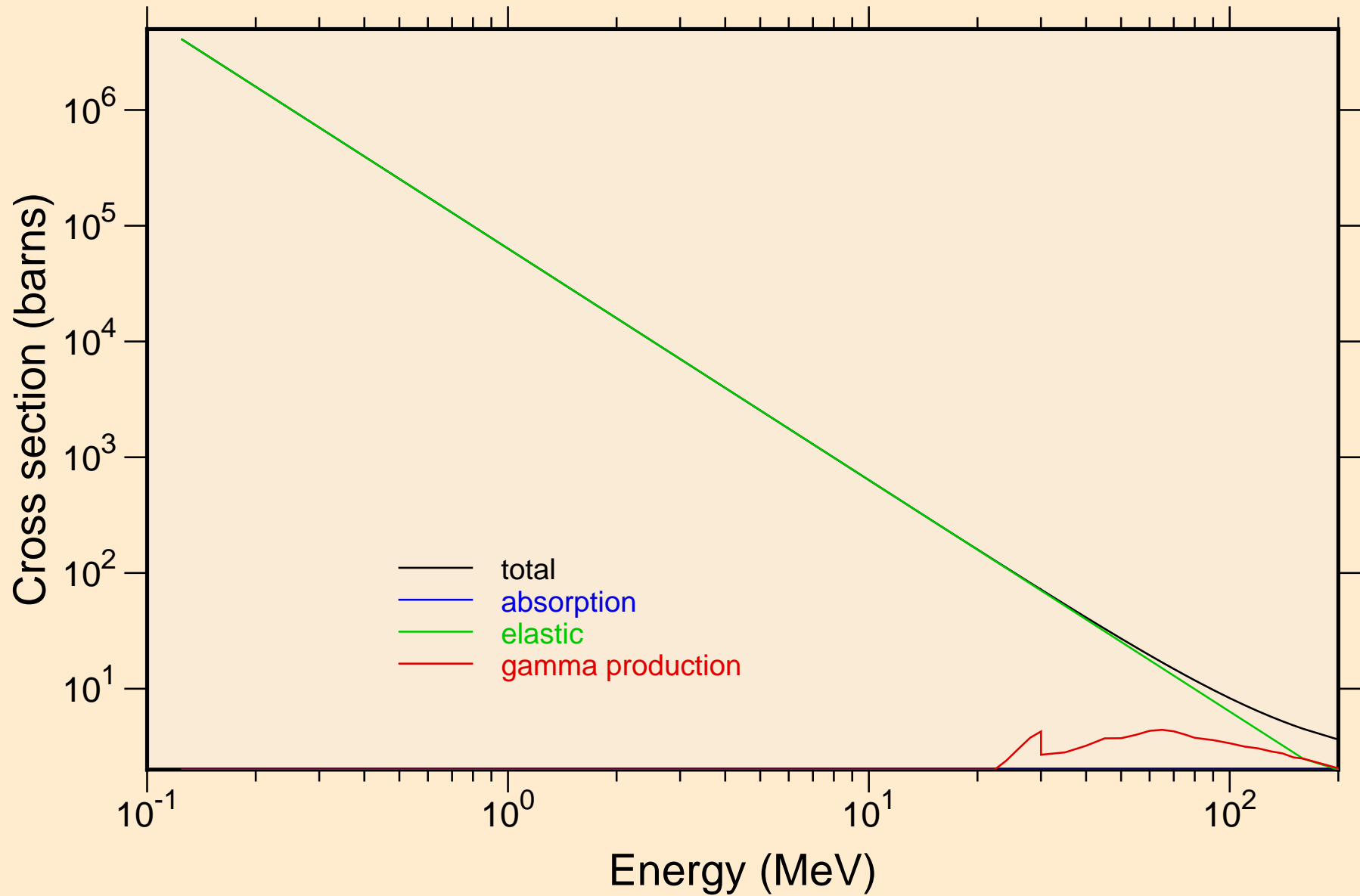
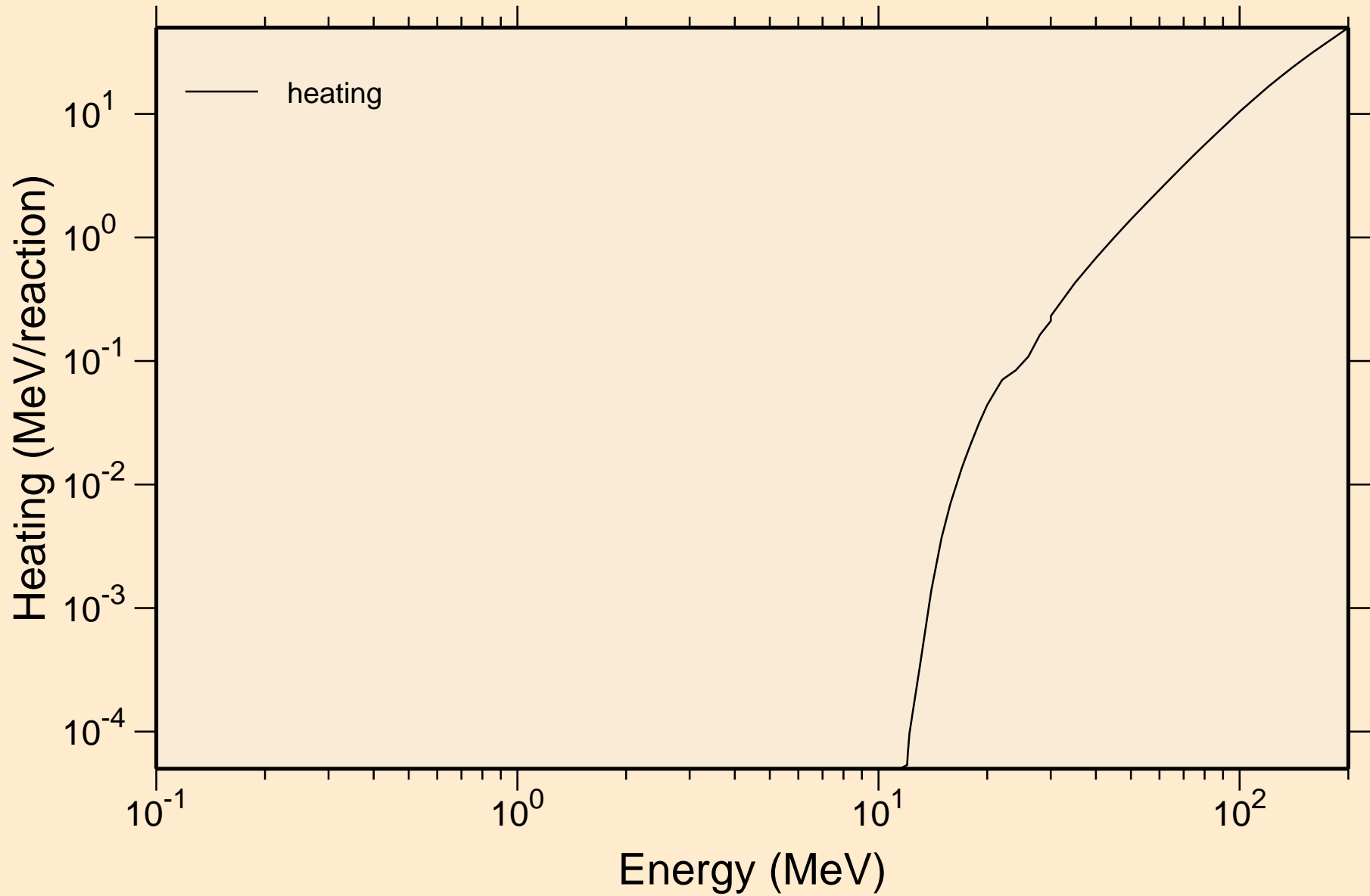


IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



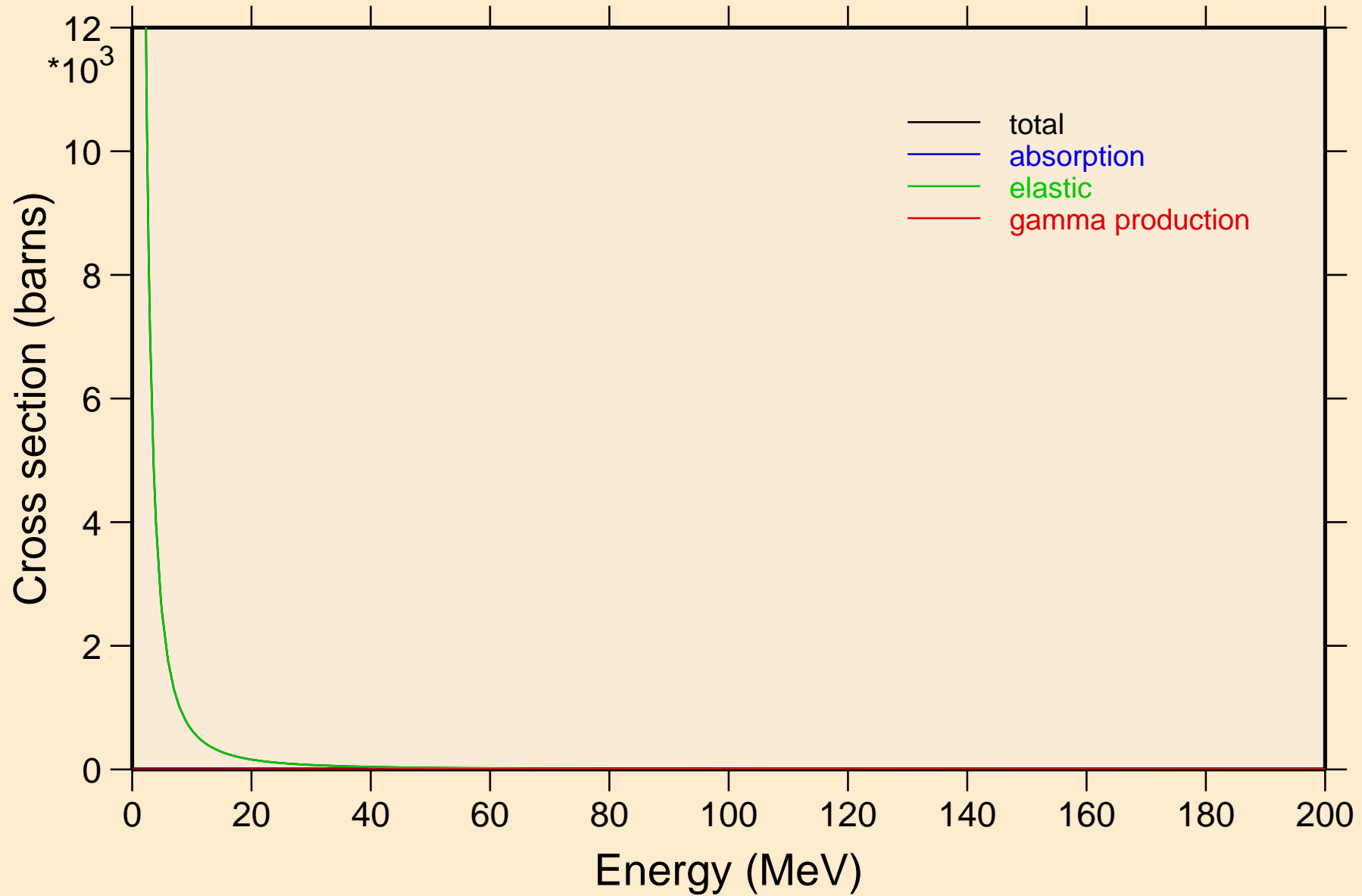
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



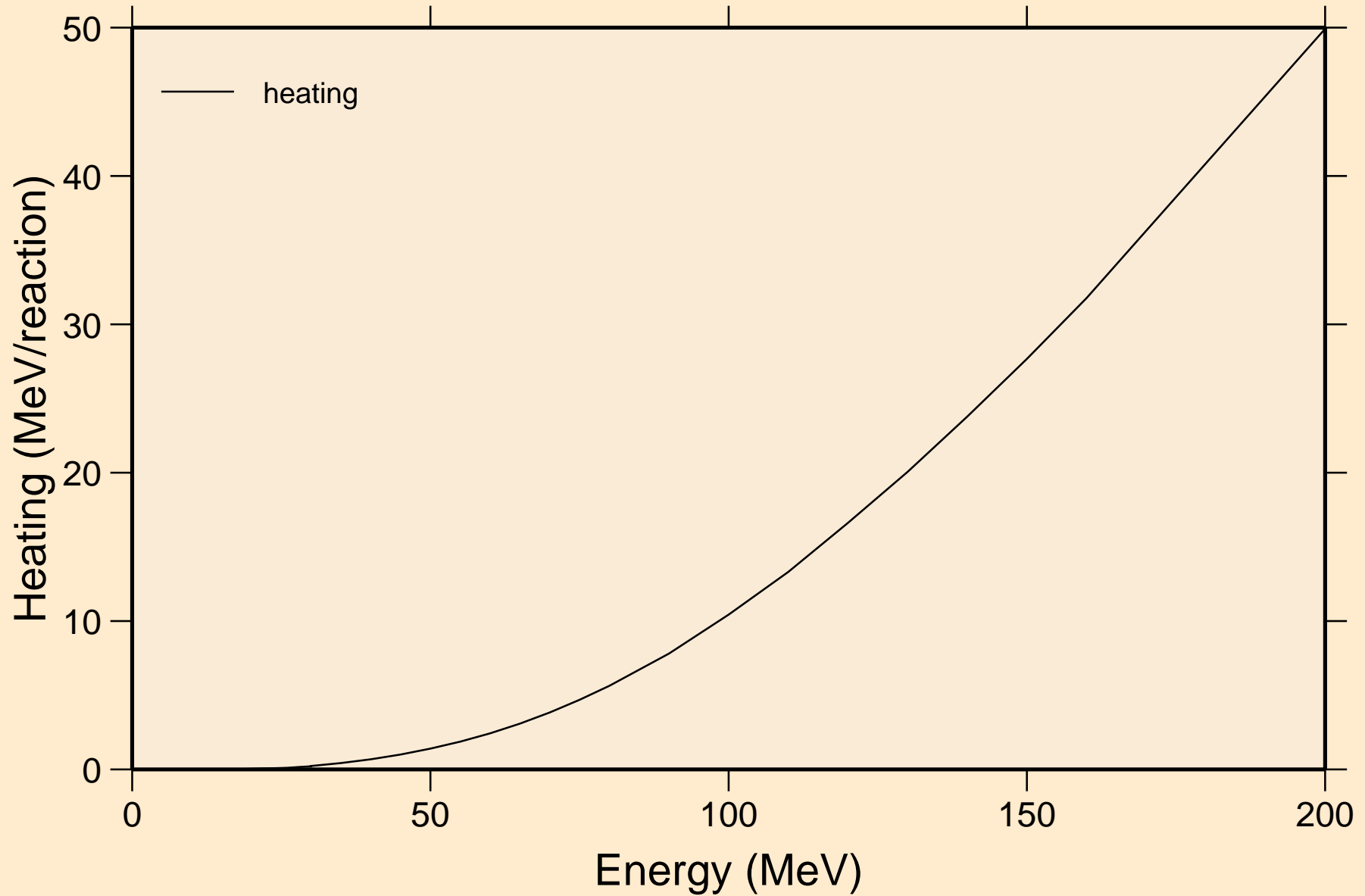
# IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

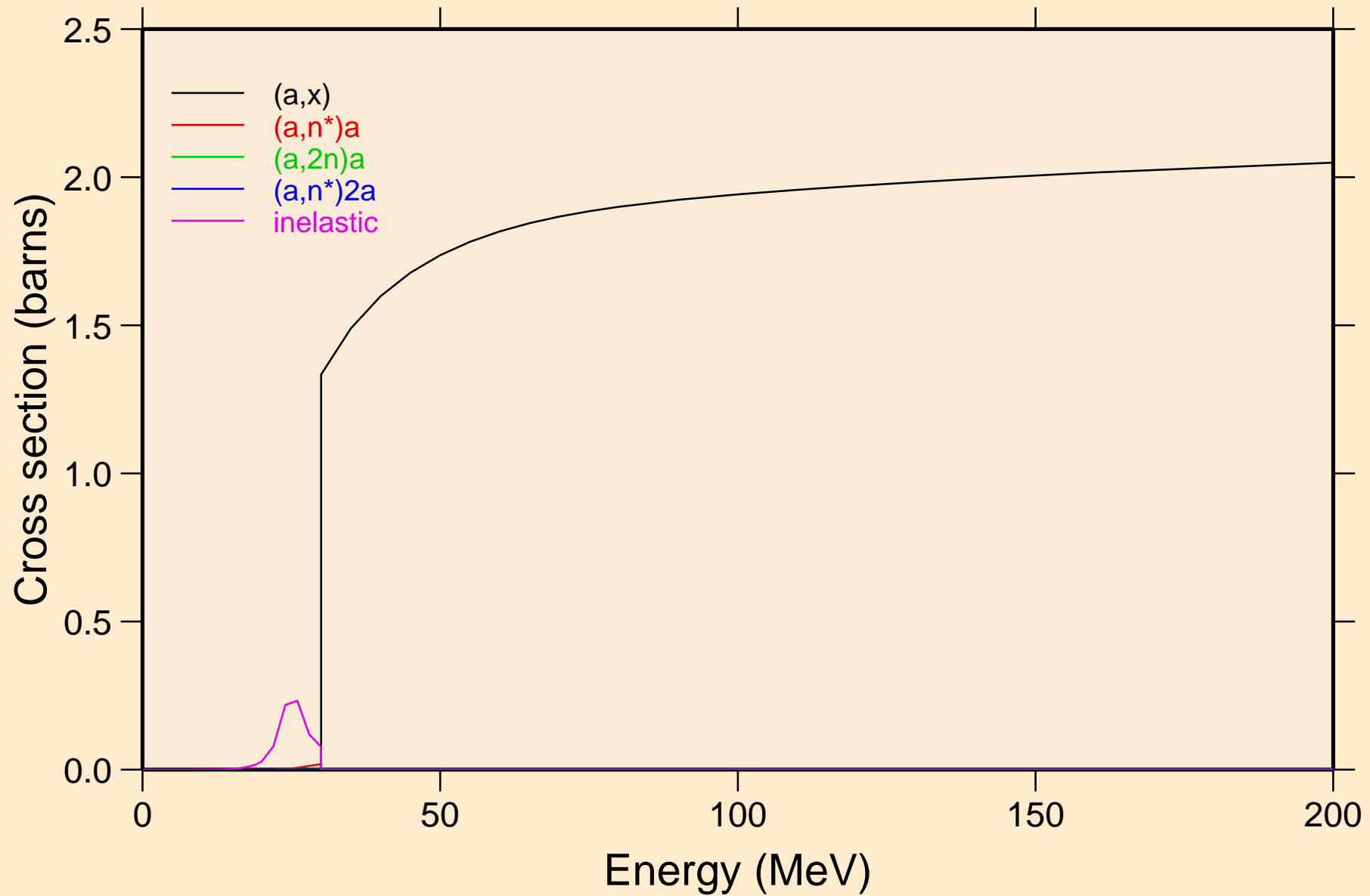


IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

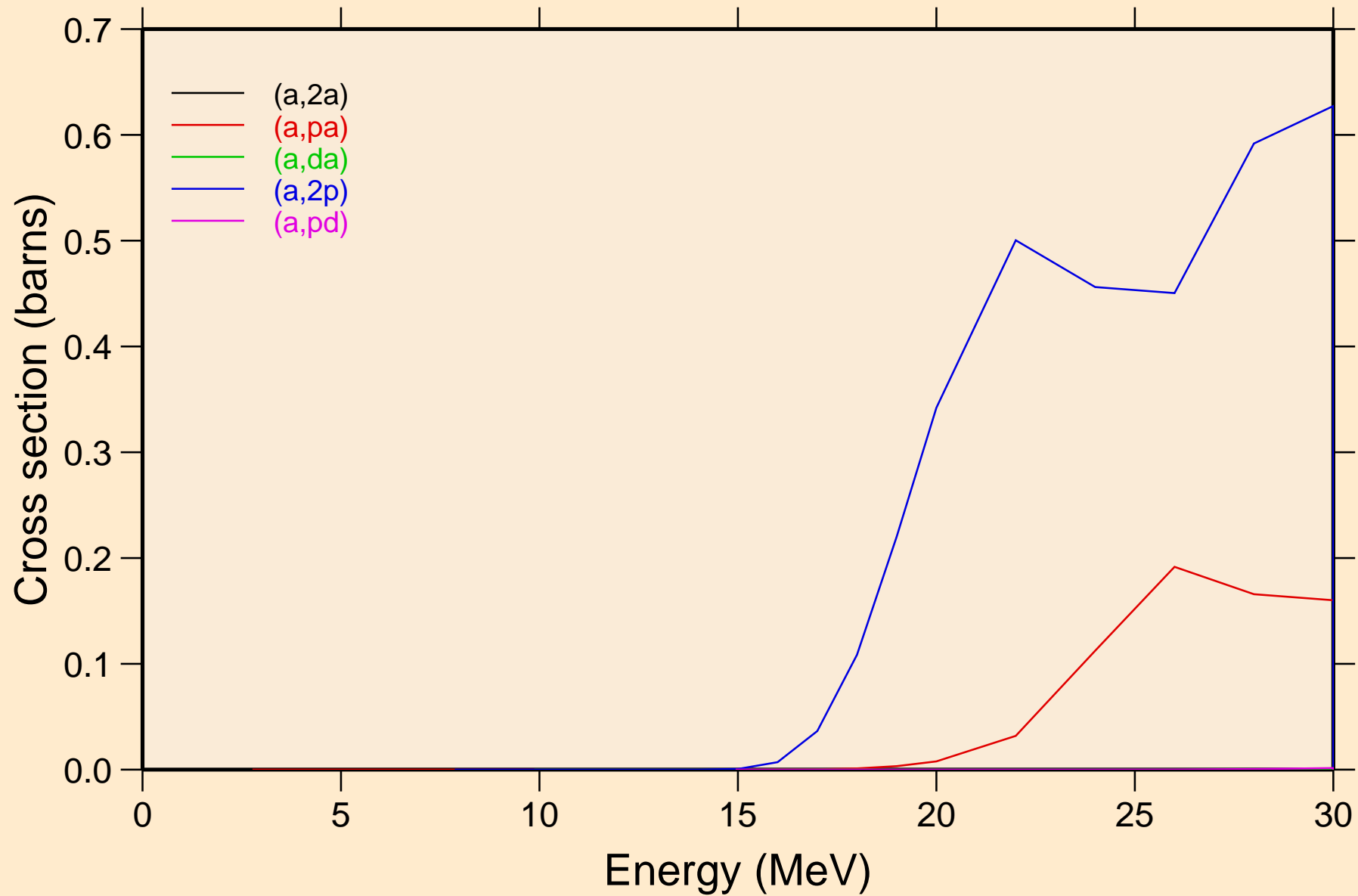
Heating



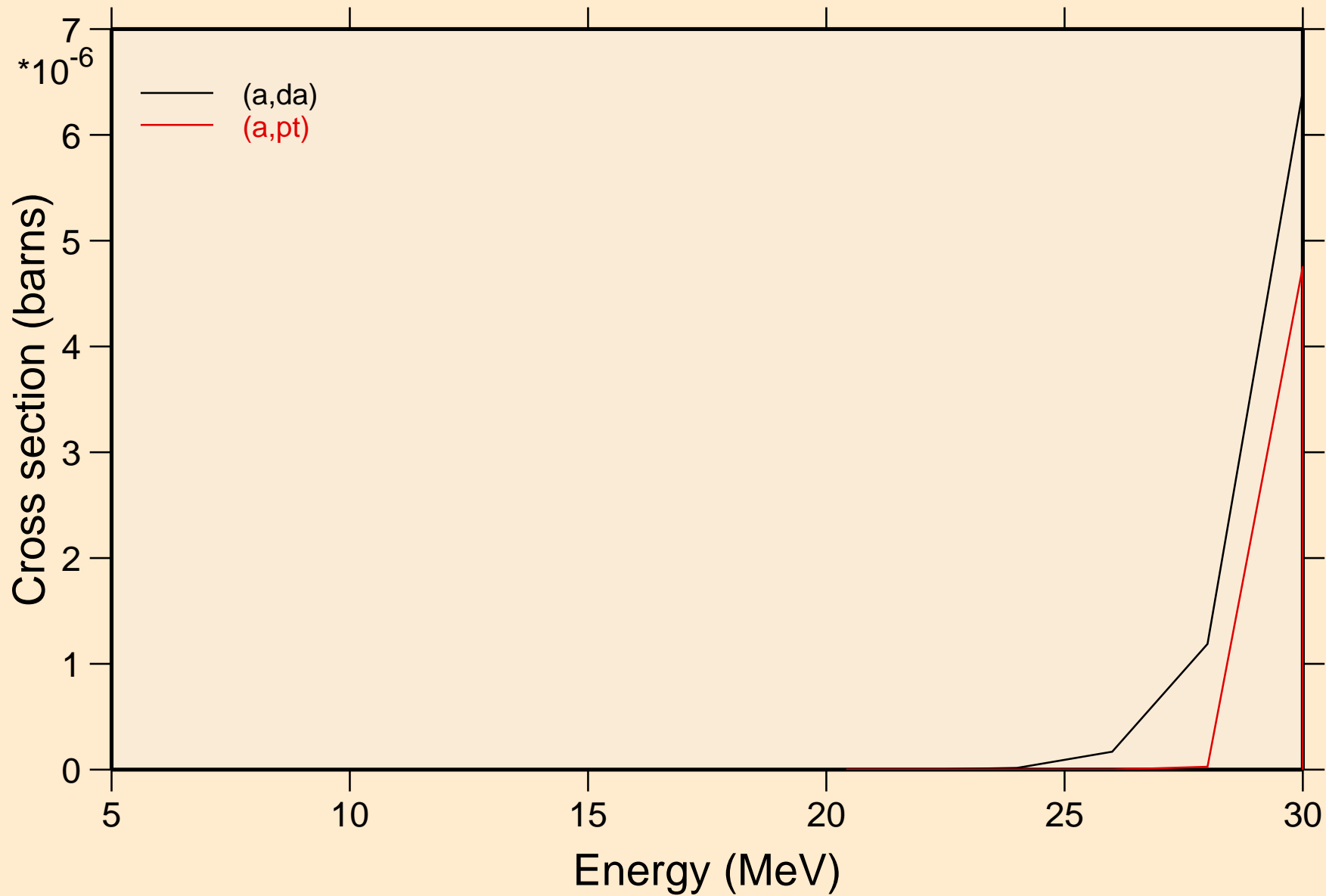
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



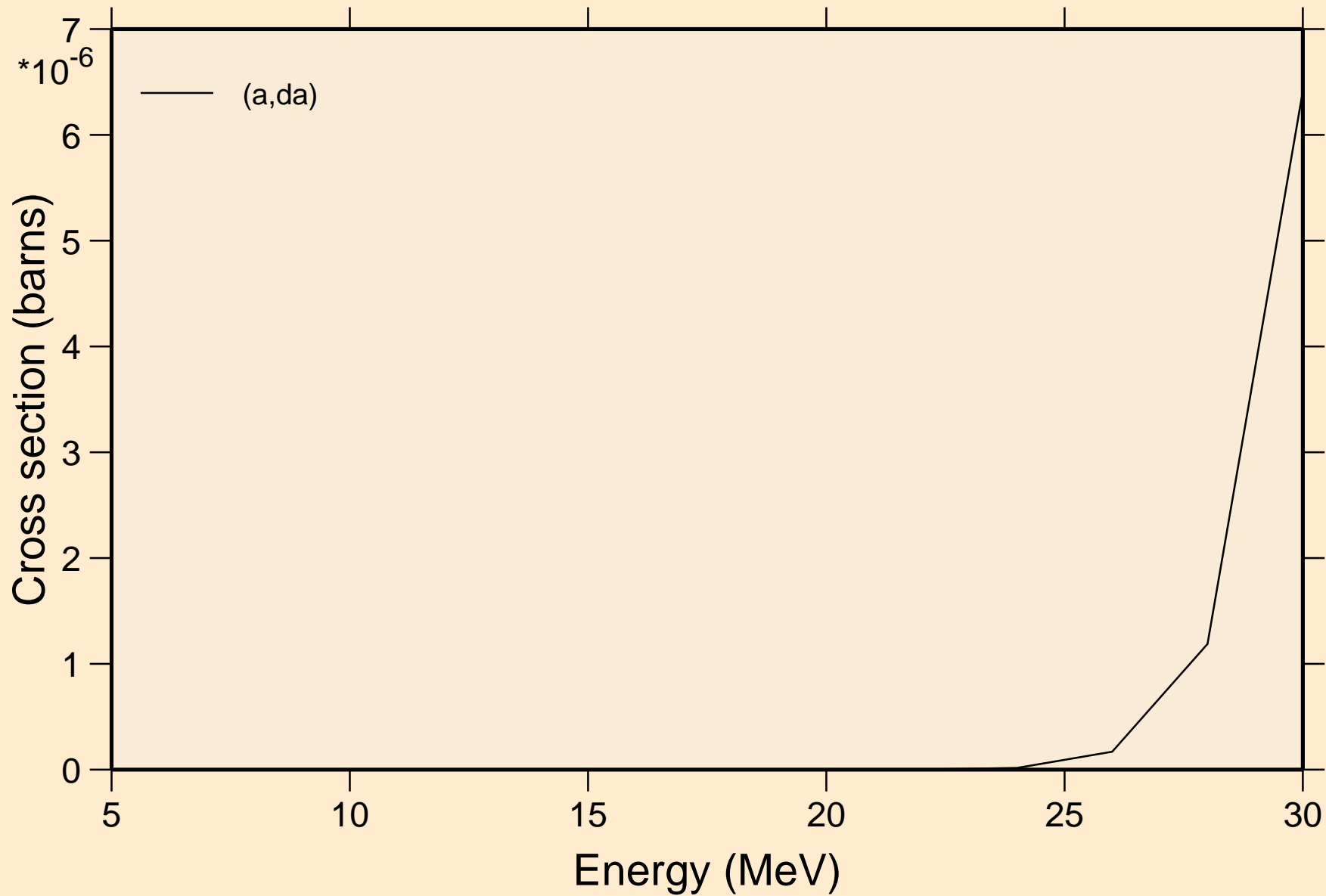
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

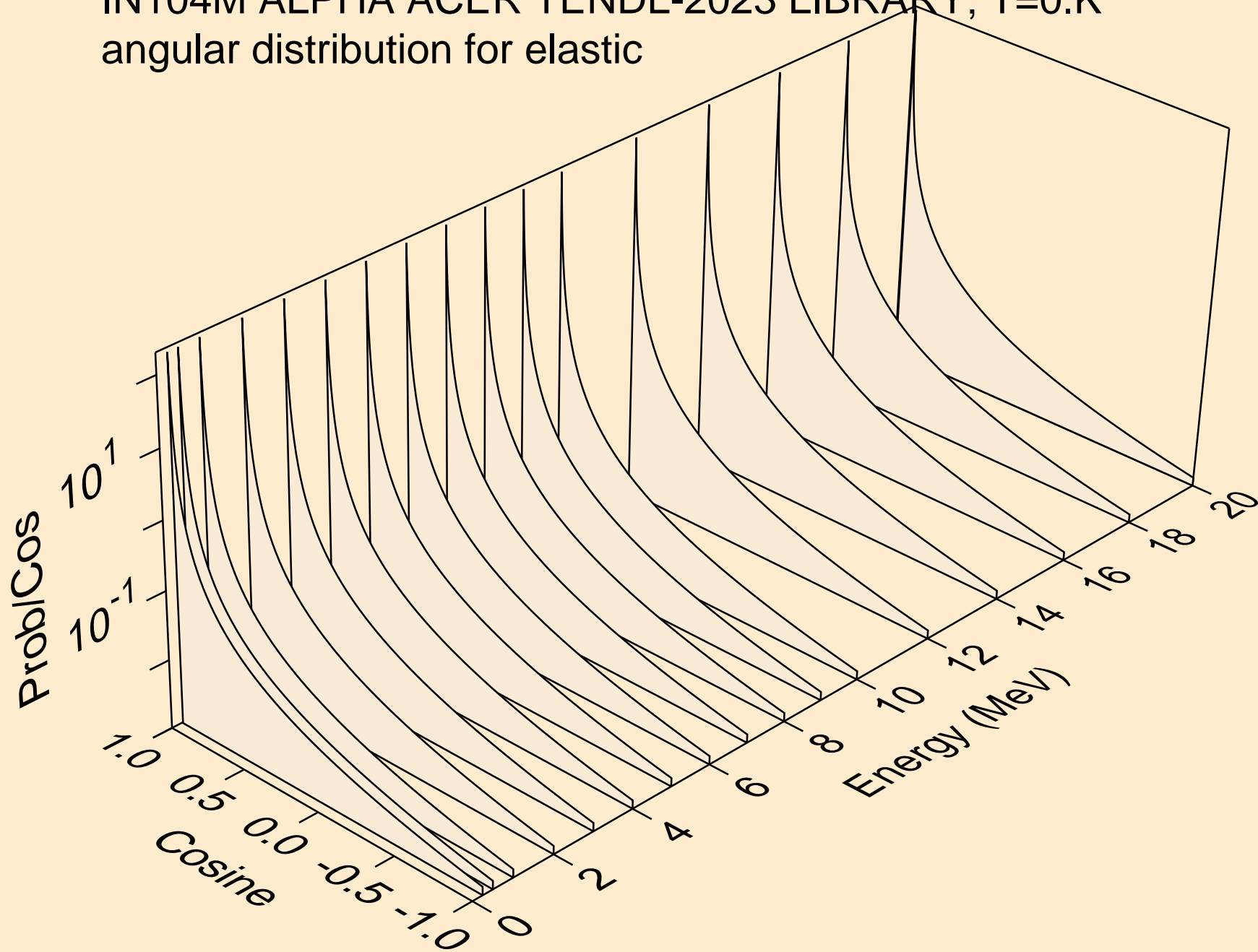


IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

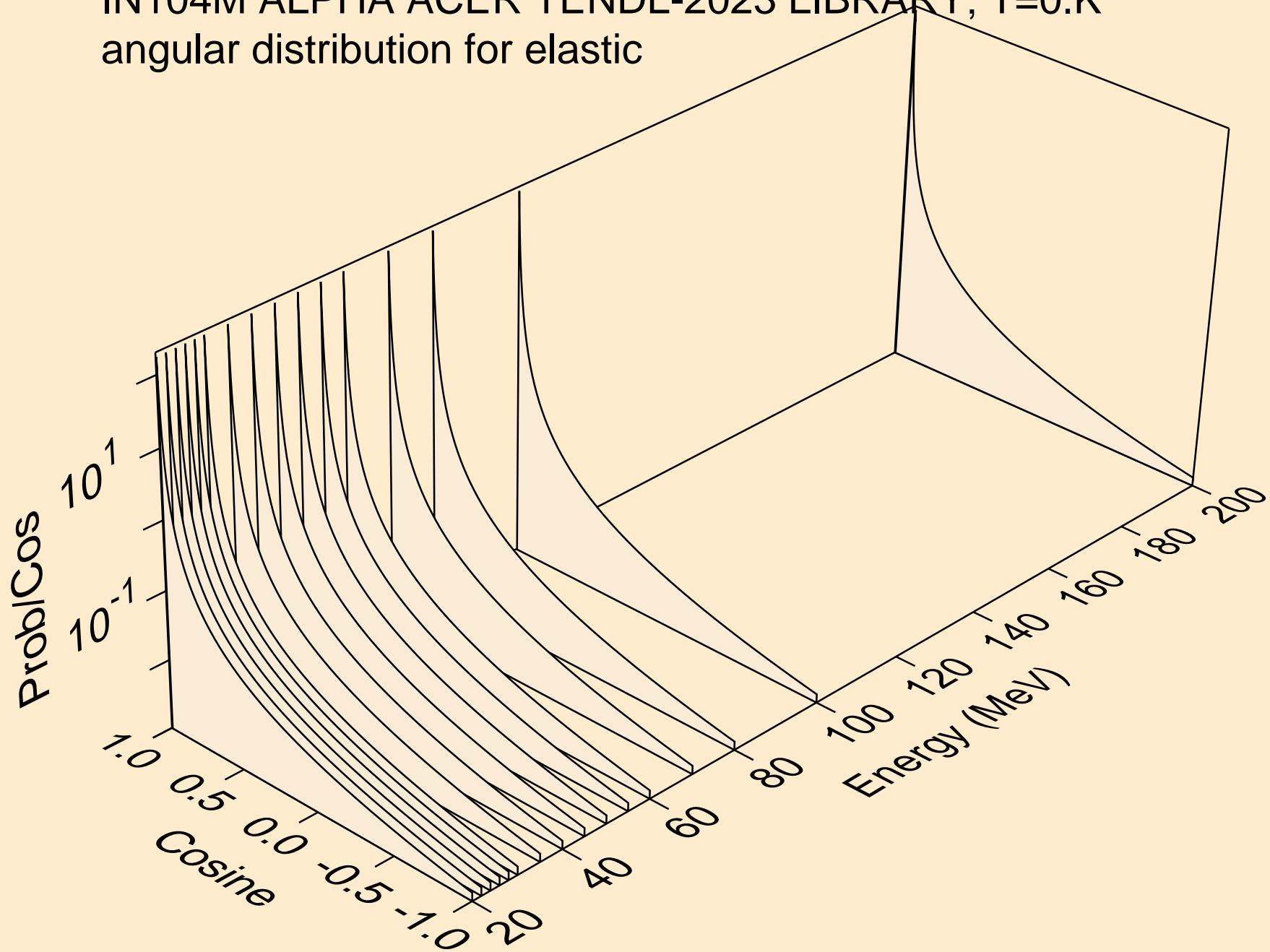




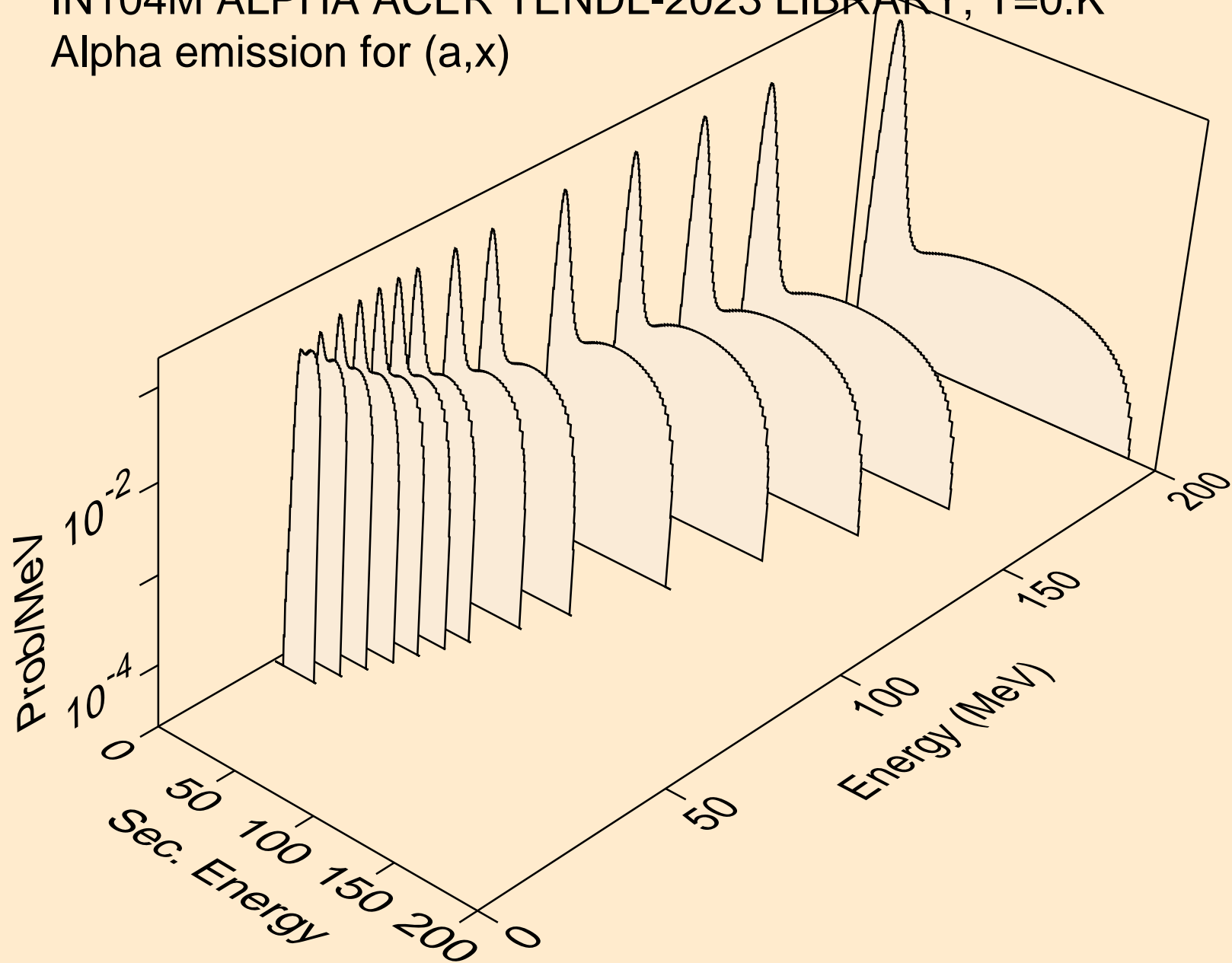
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



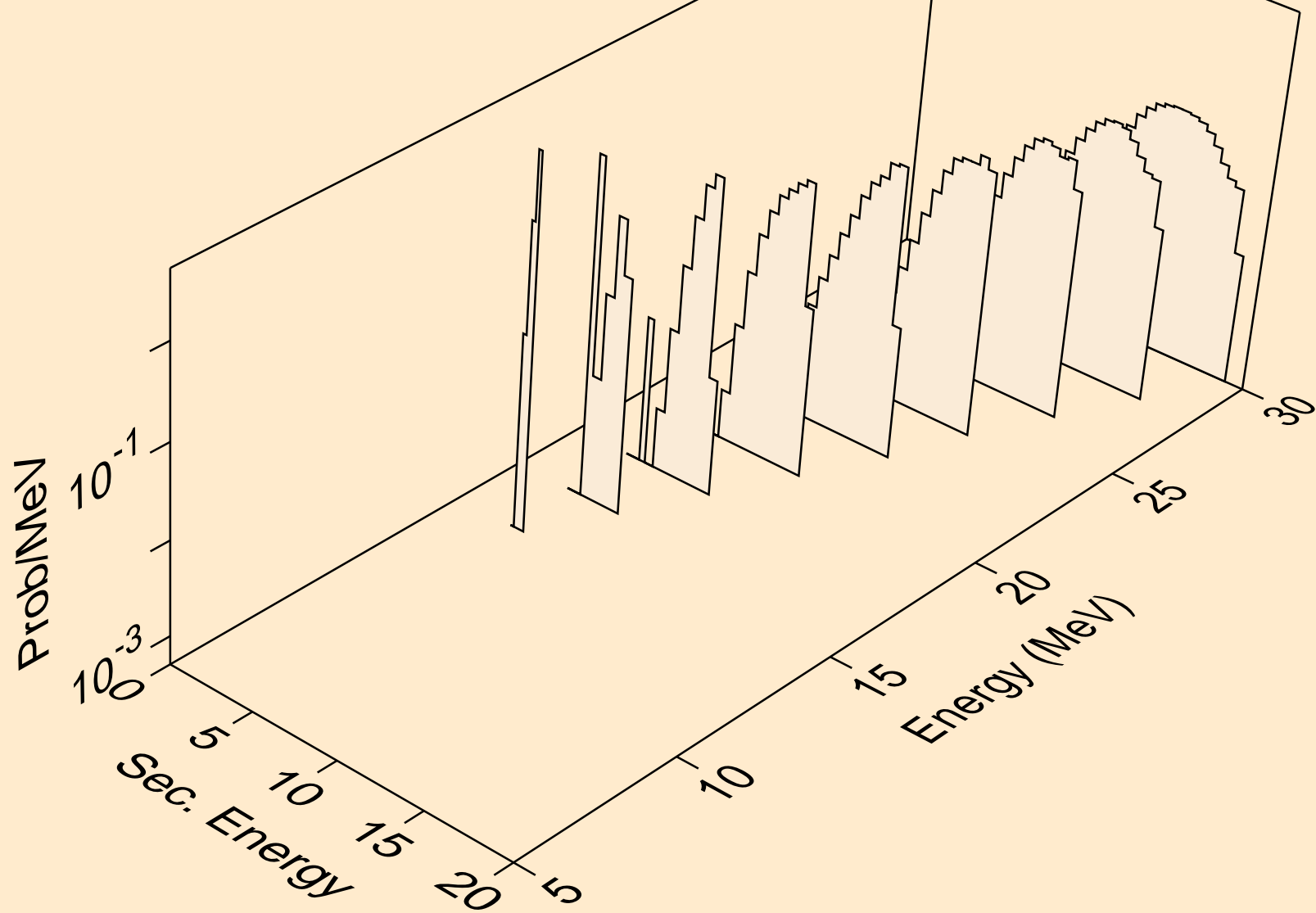
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



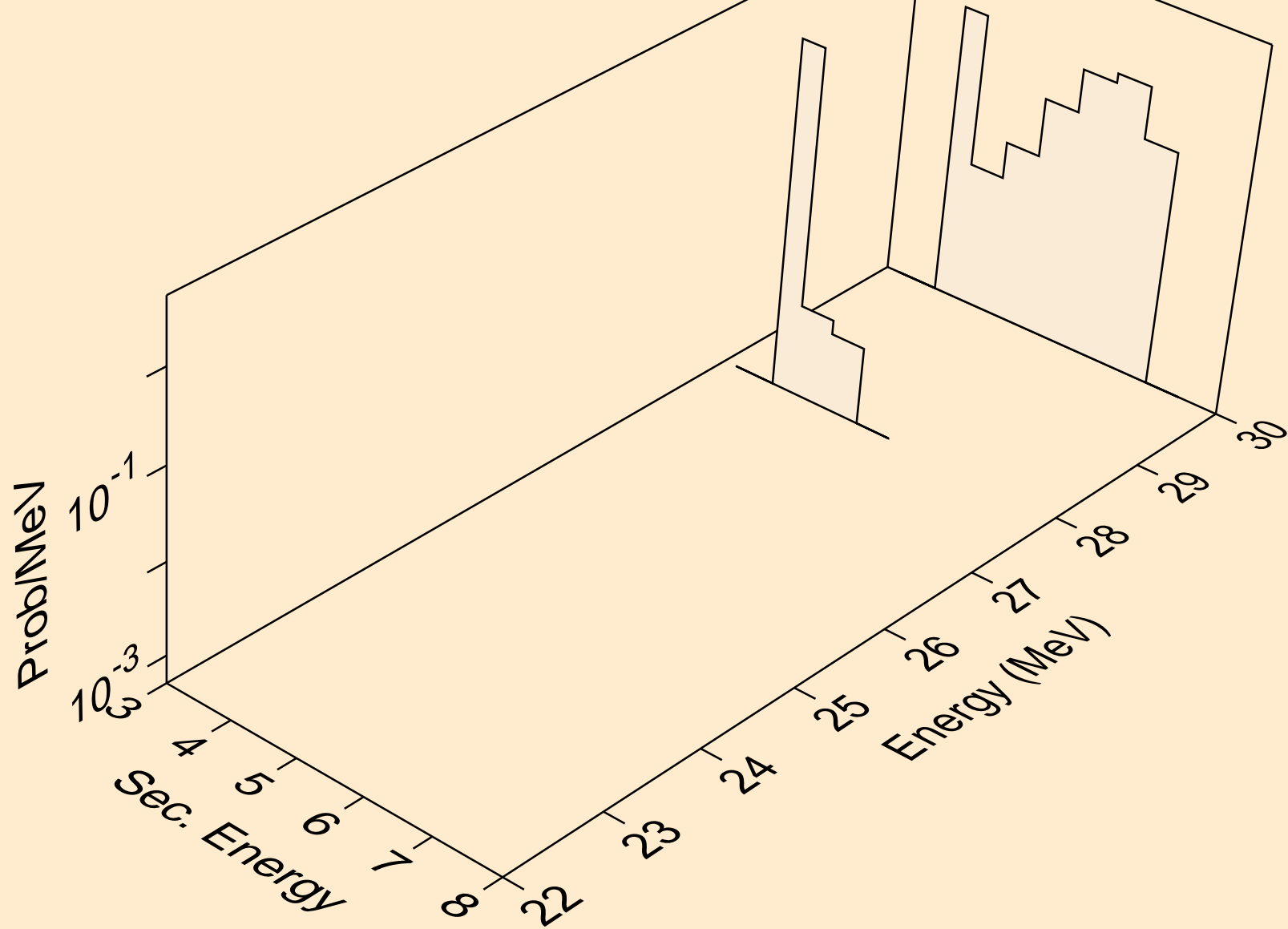
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



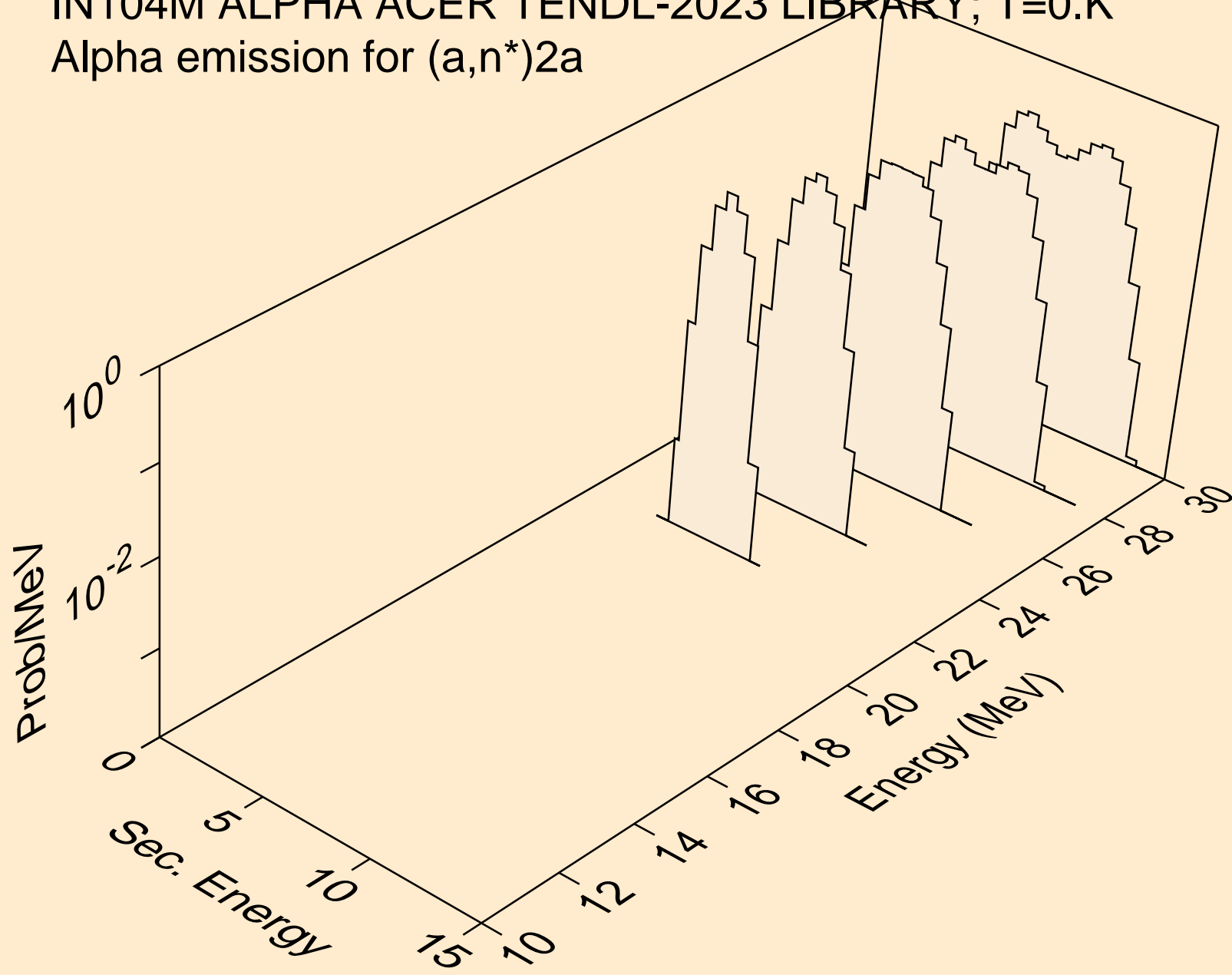
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



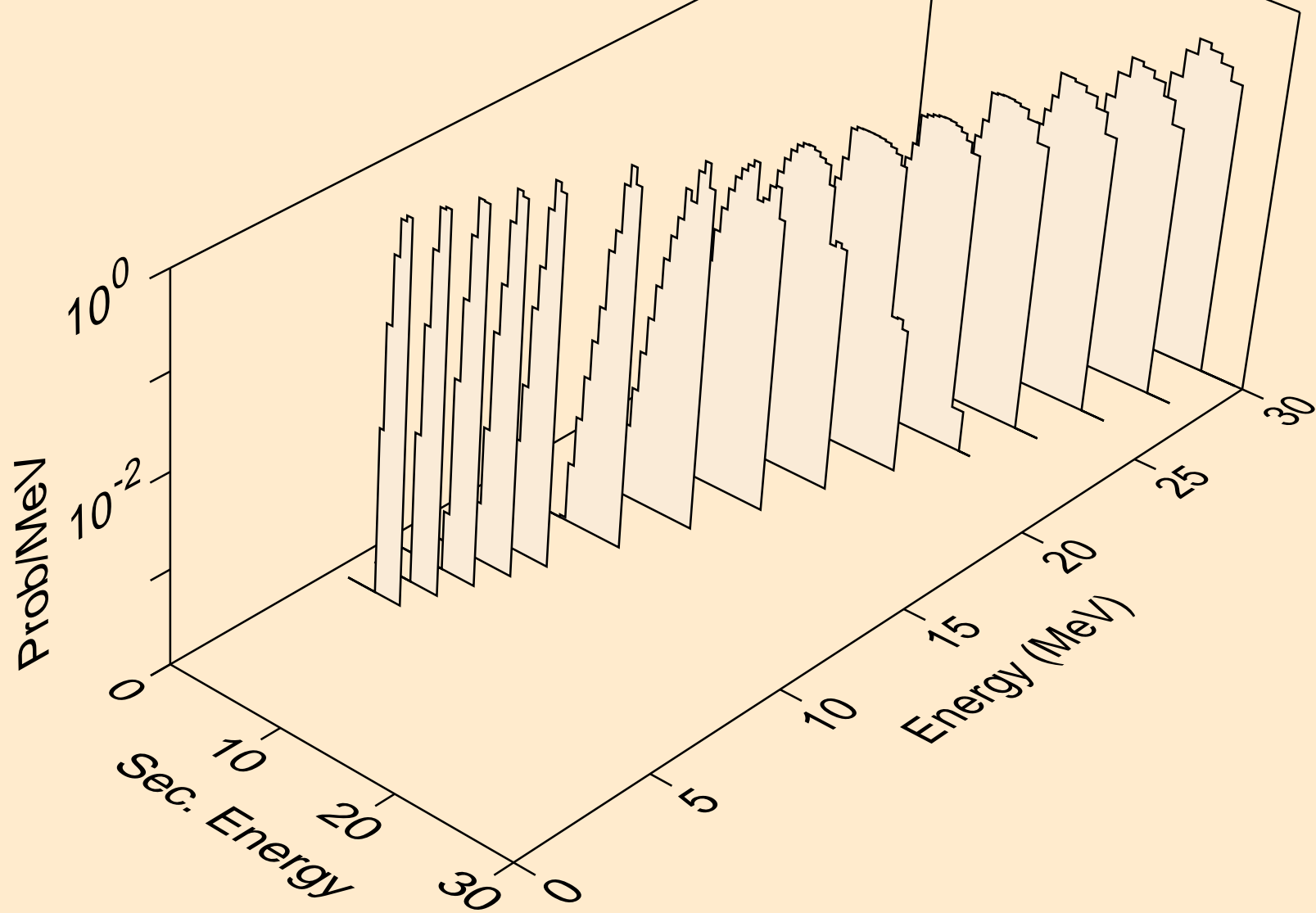
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



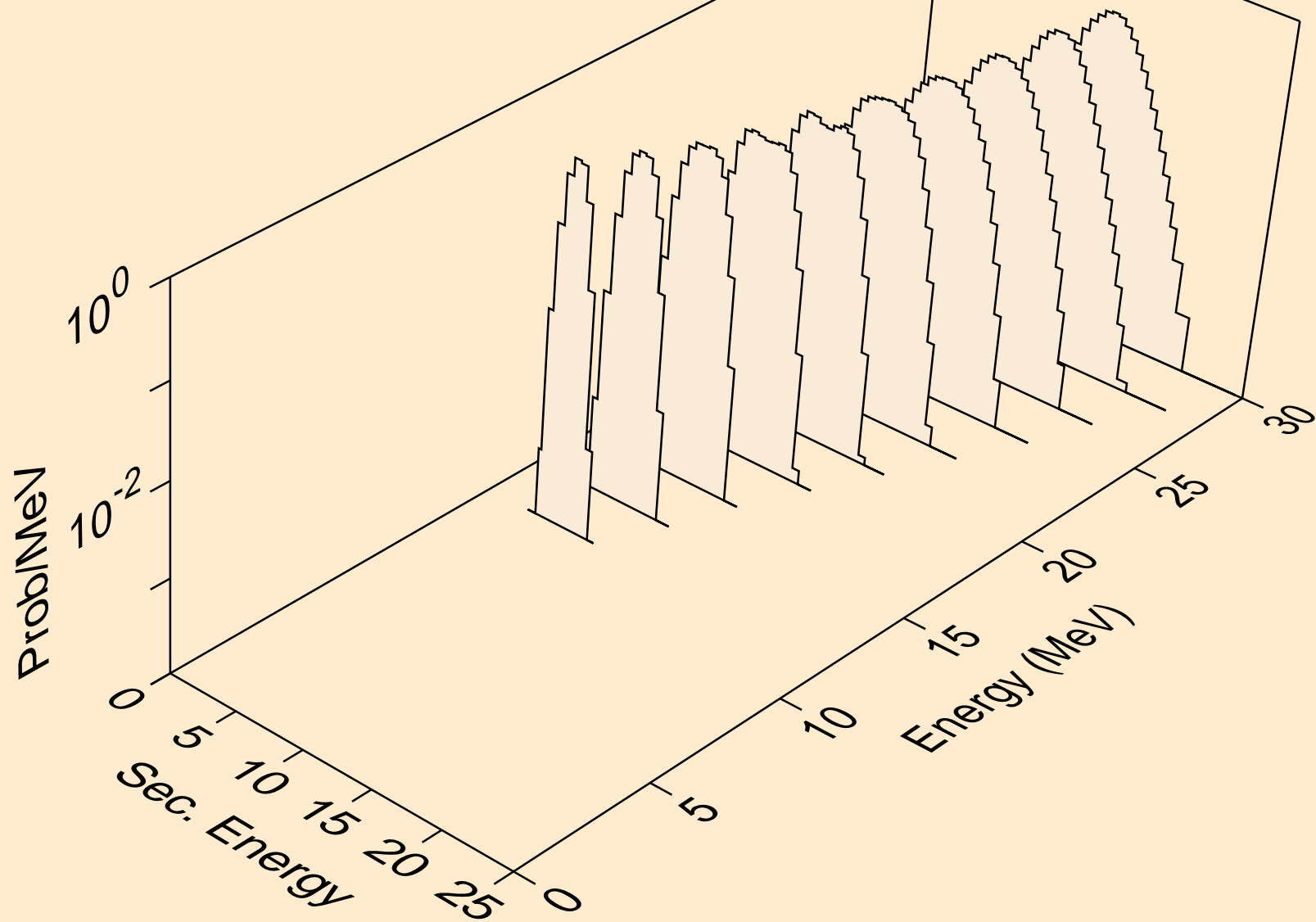
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

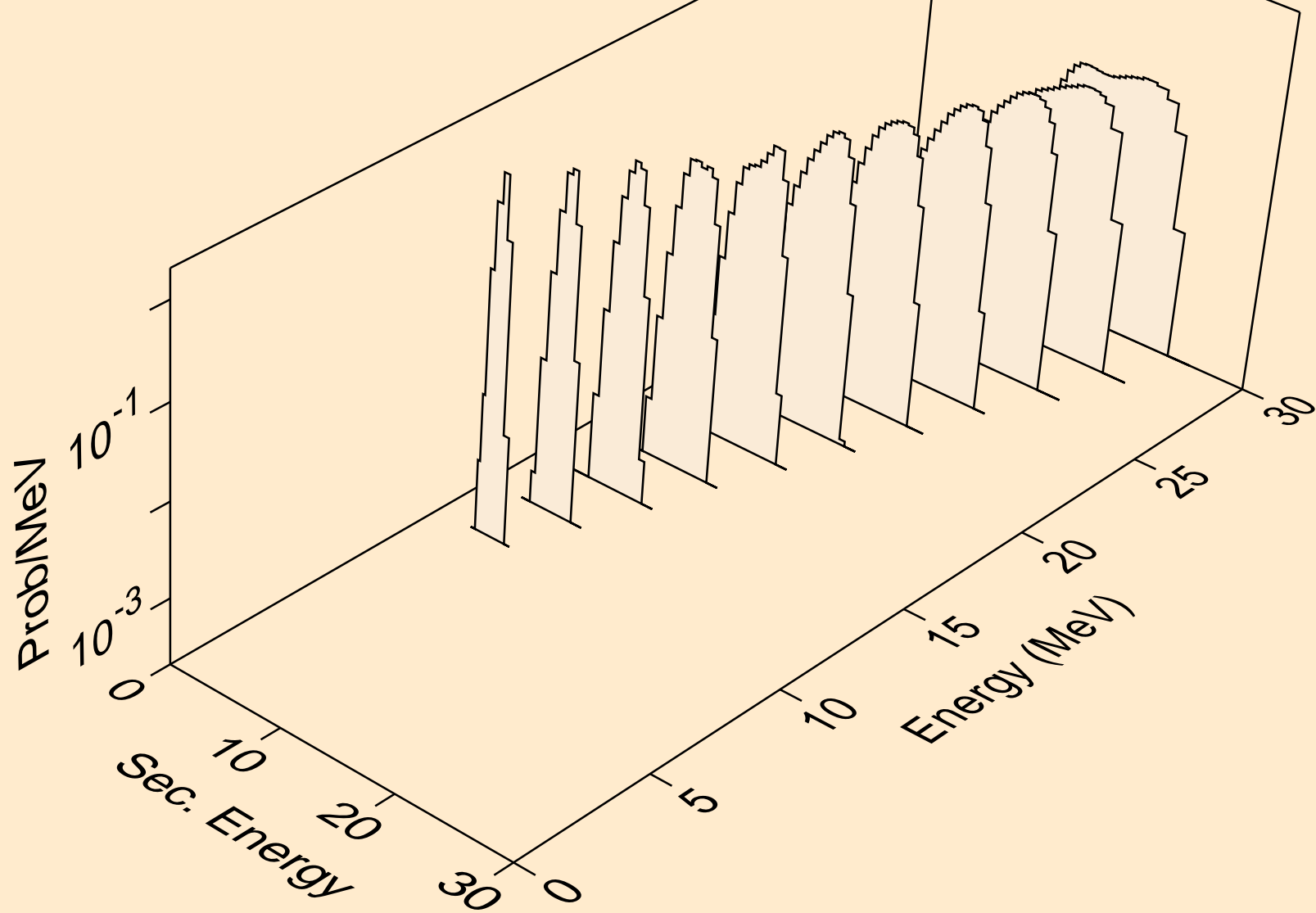


IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)

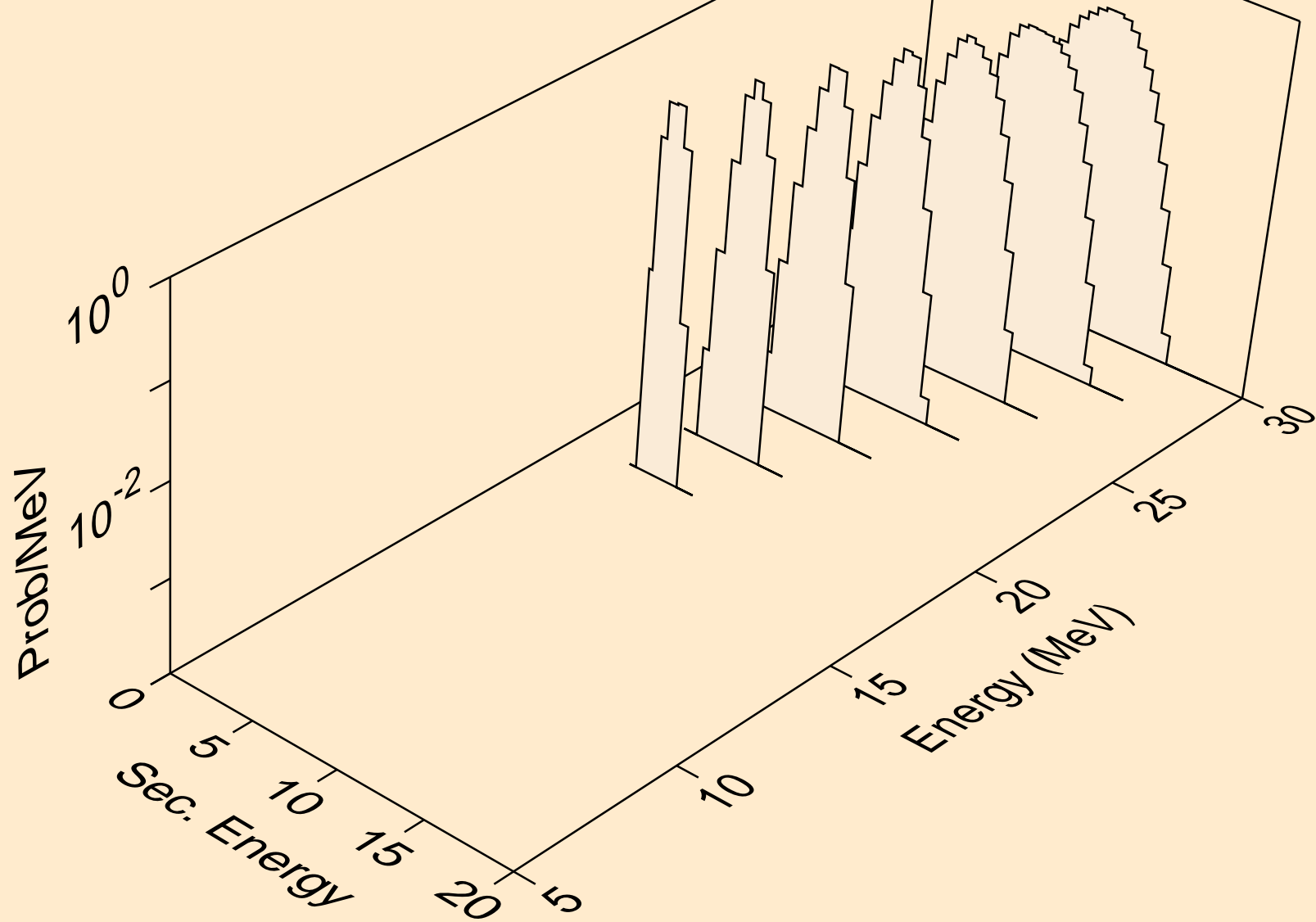




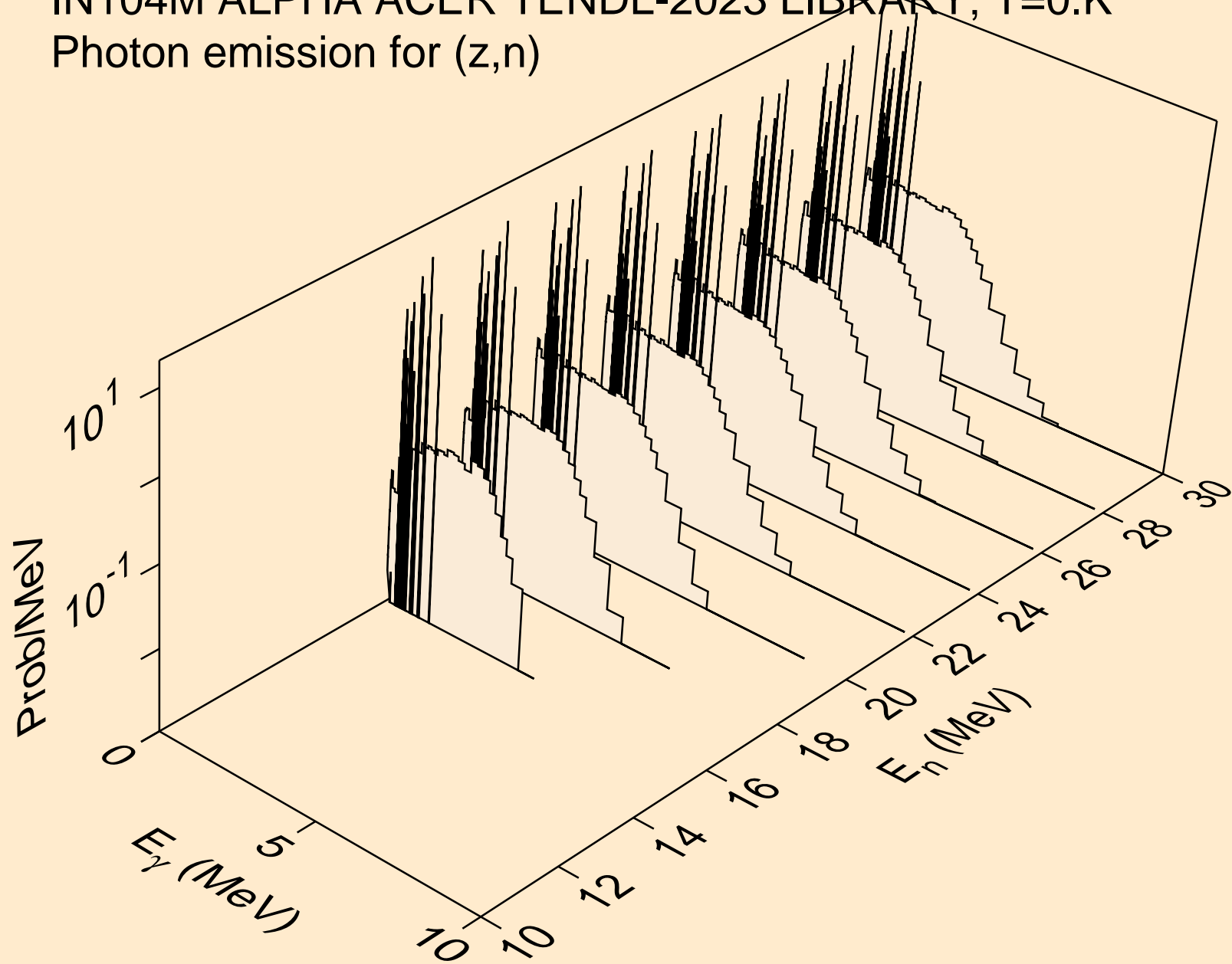
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



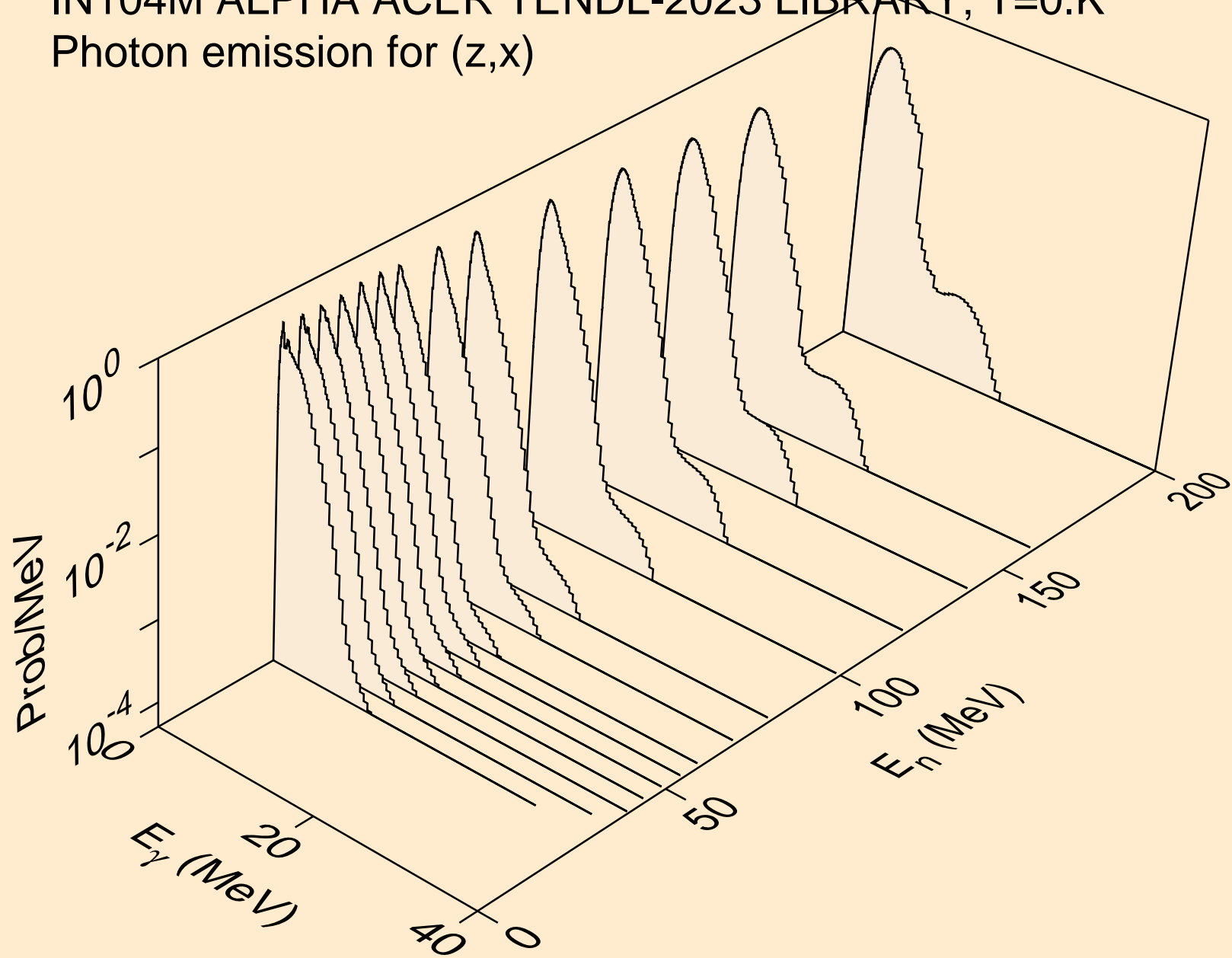
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Alpha emission for (a,da)



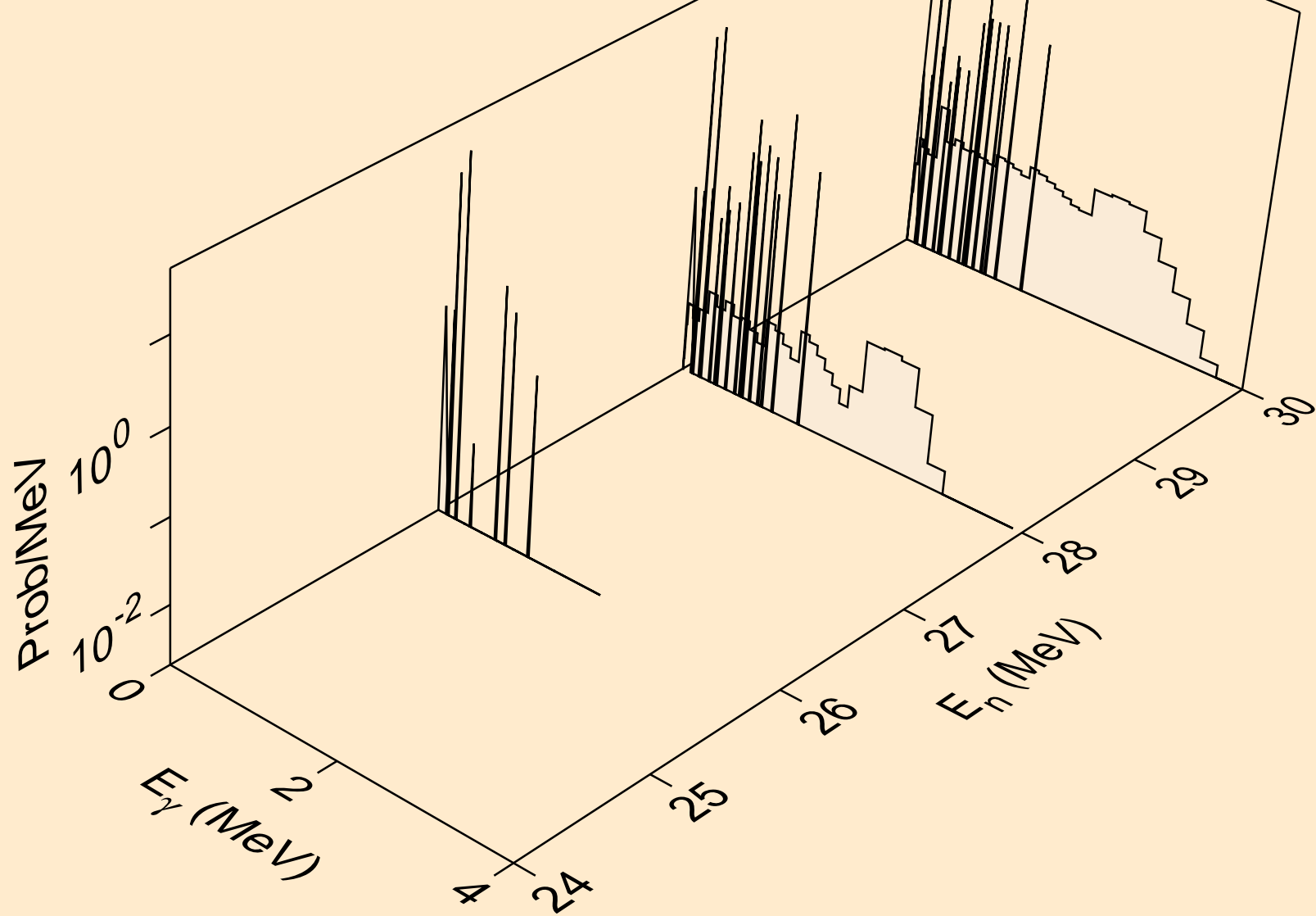
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Photon emission for (z,n)



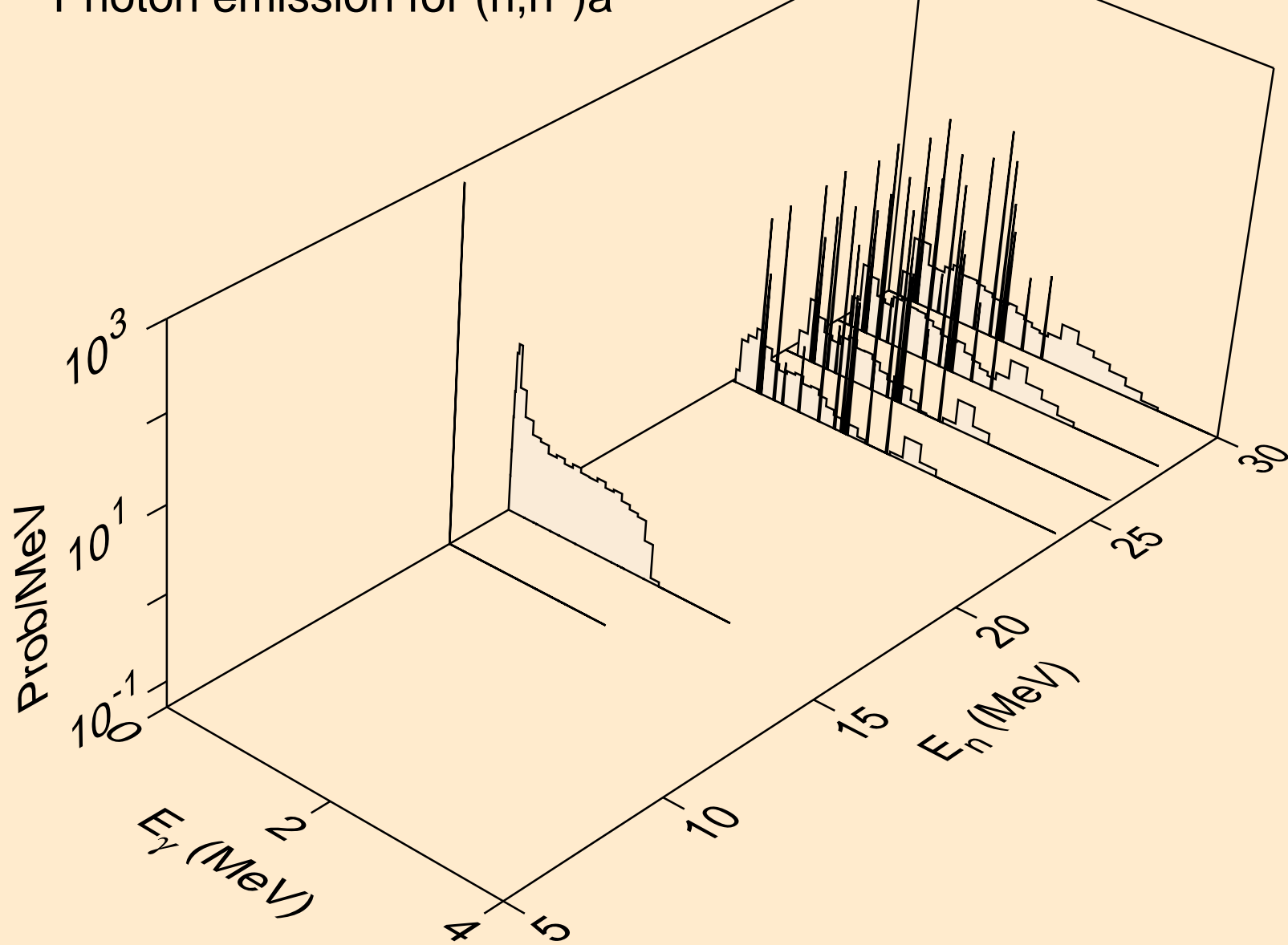
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Photon emission for (z,x)



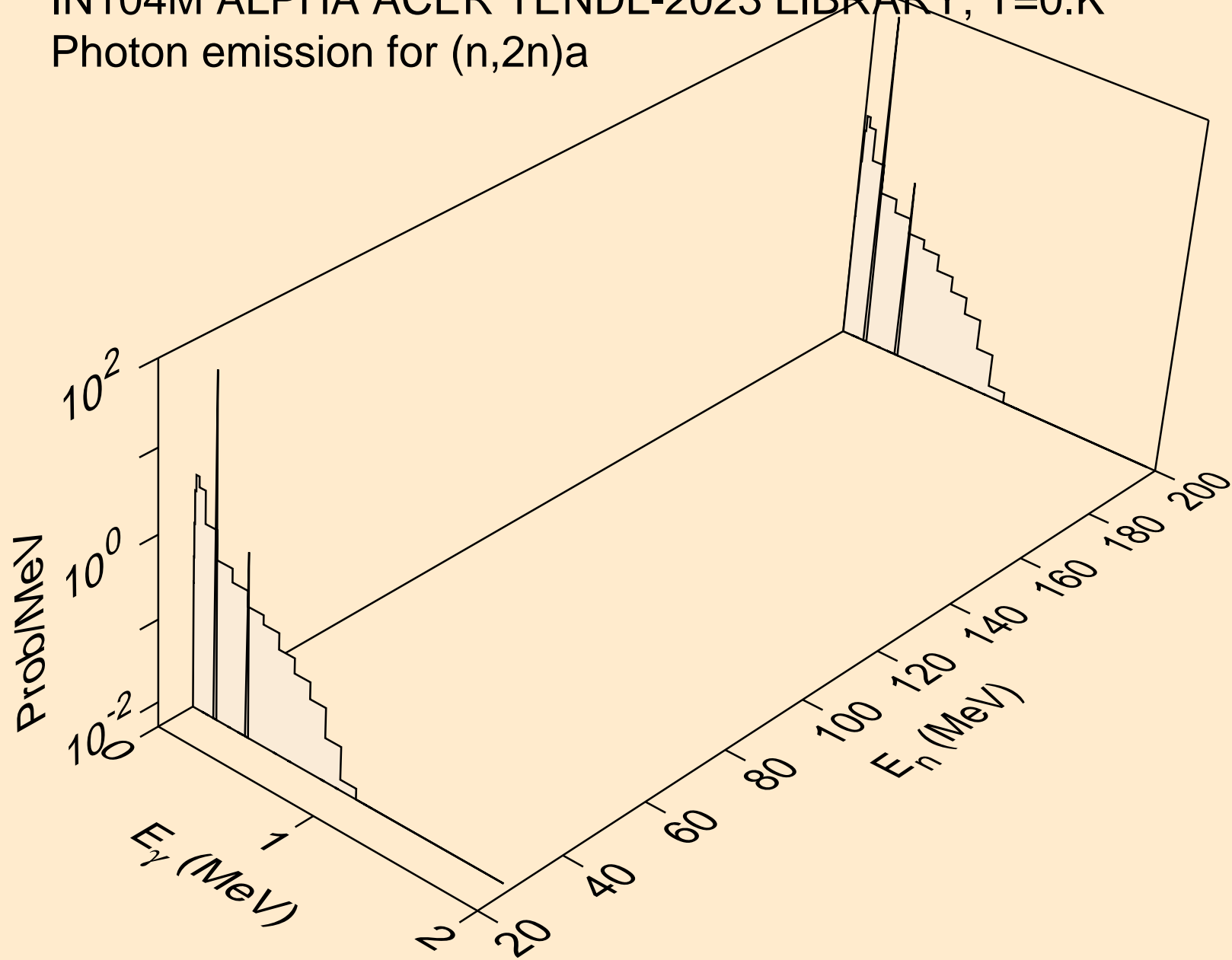
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



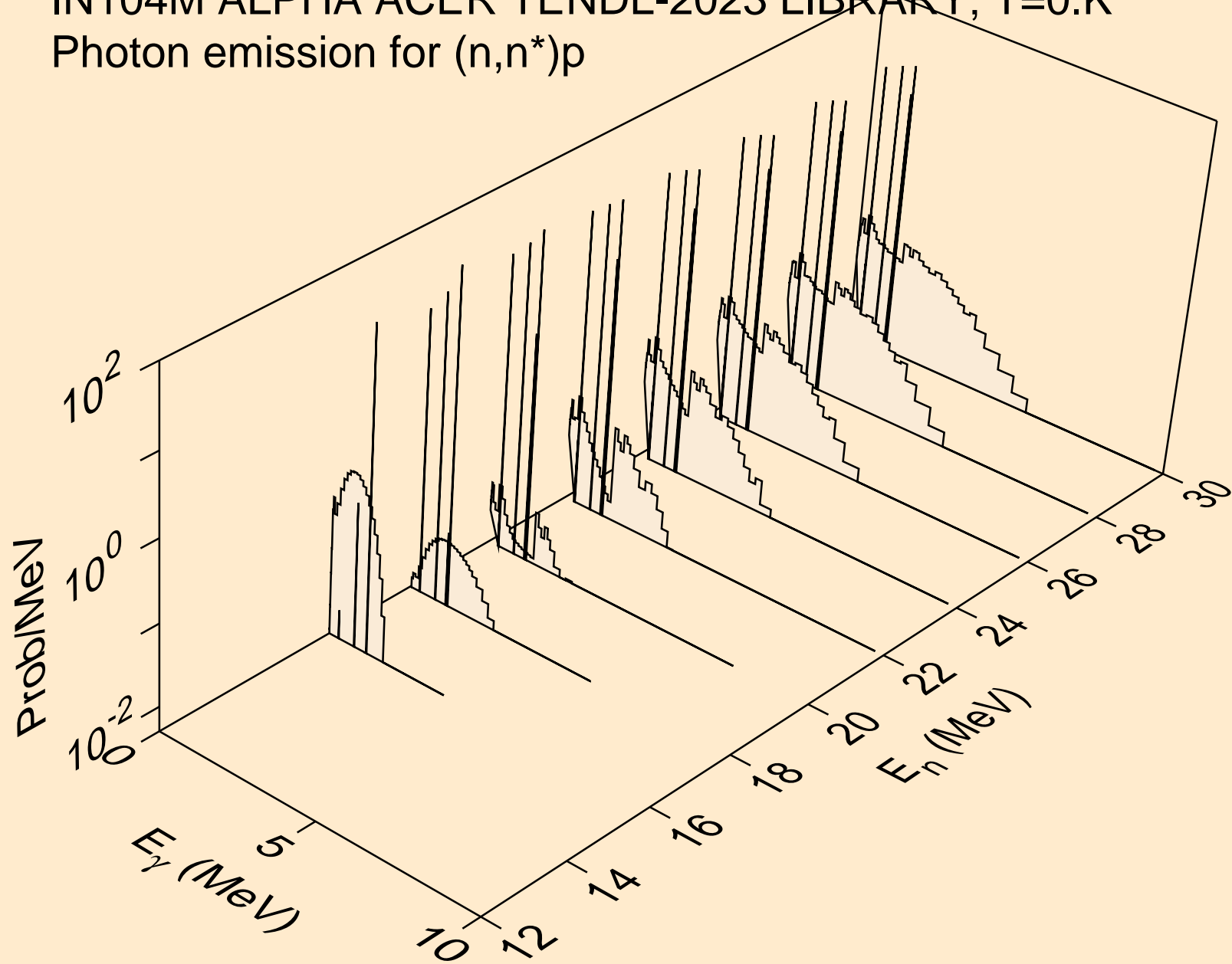
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

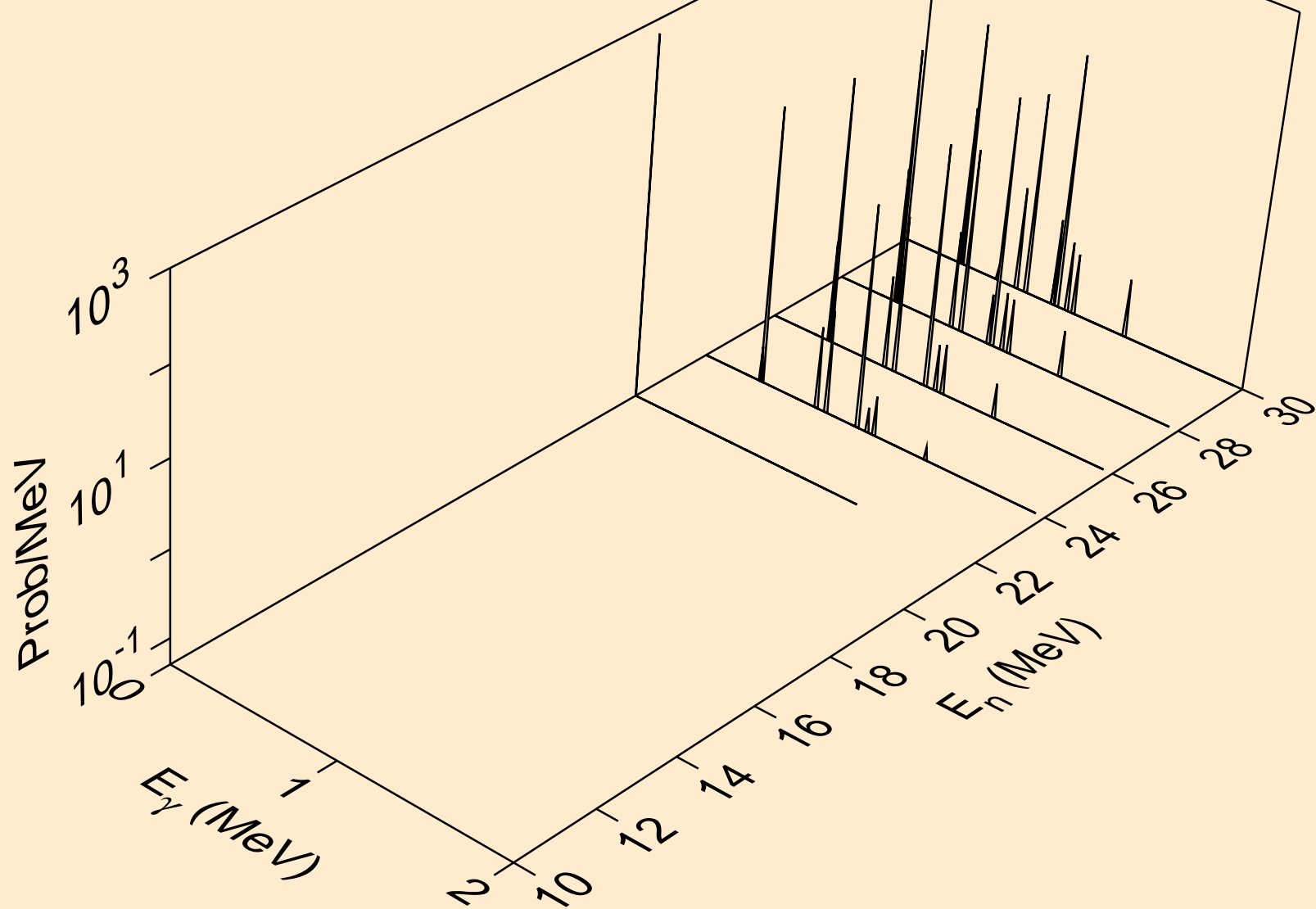


IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

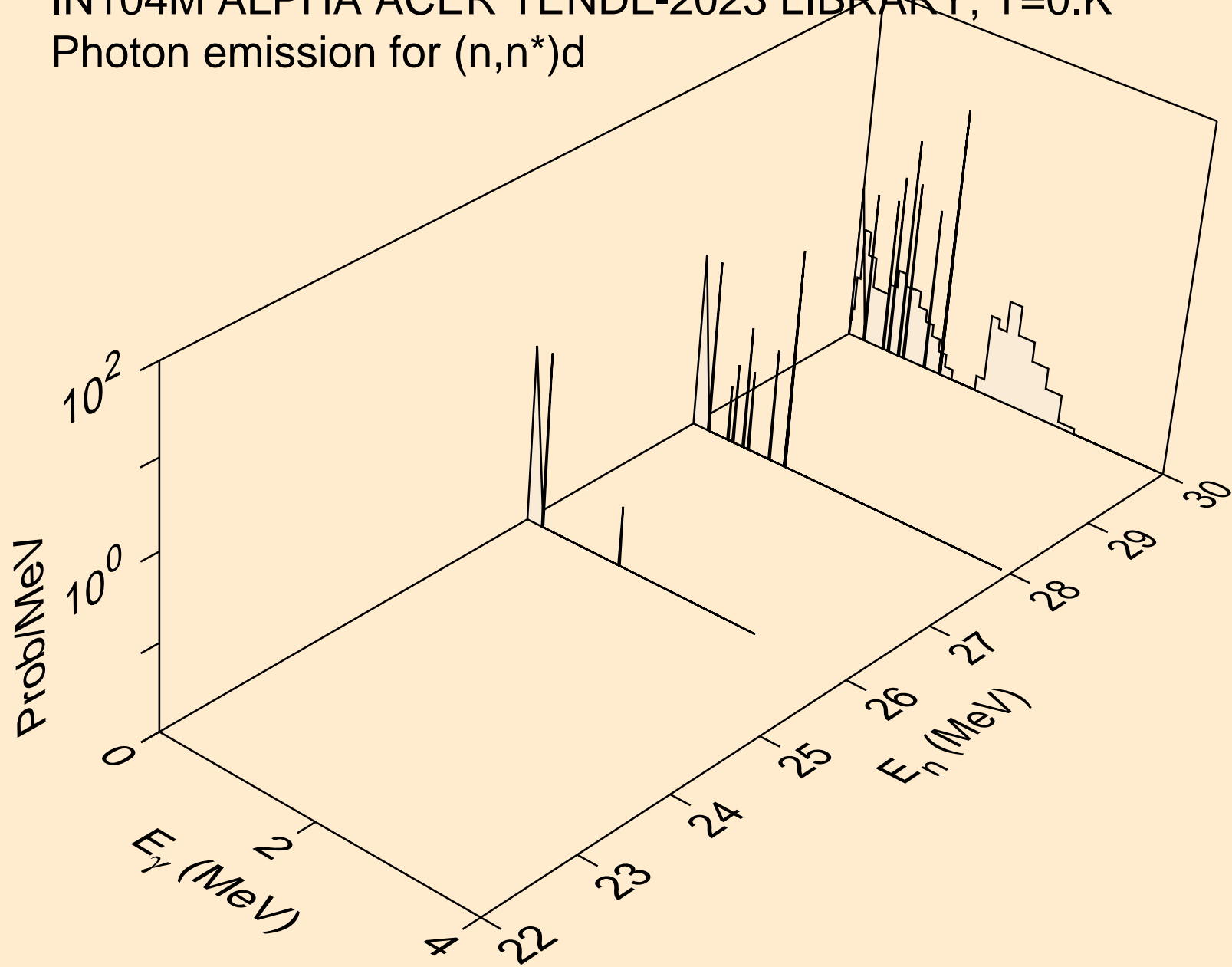




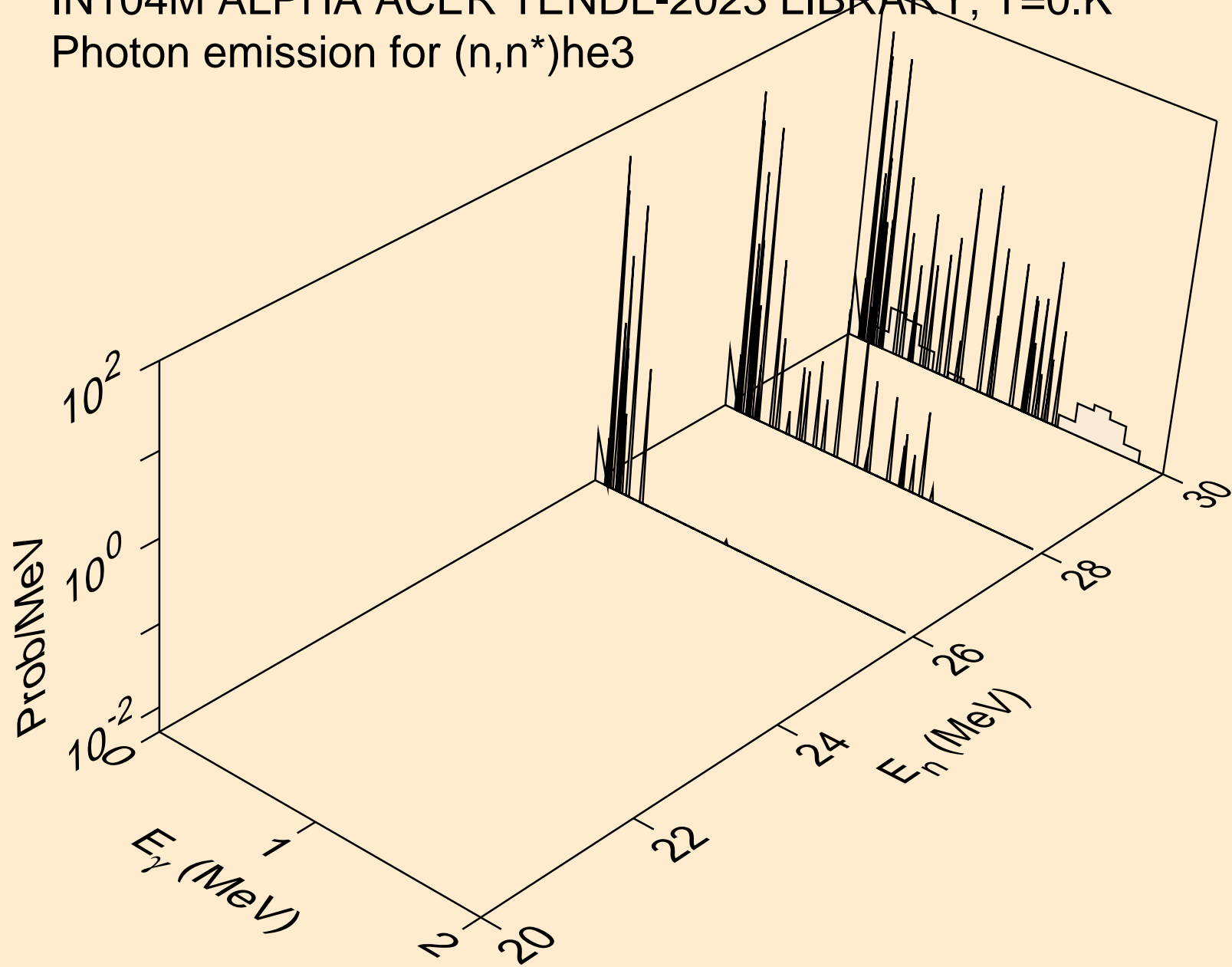
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



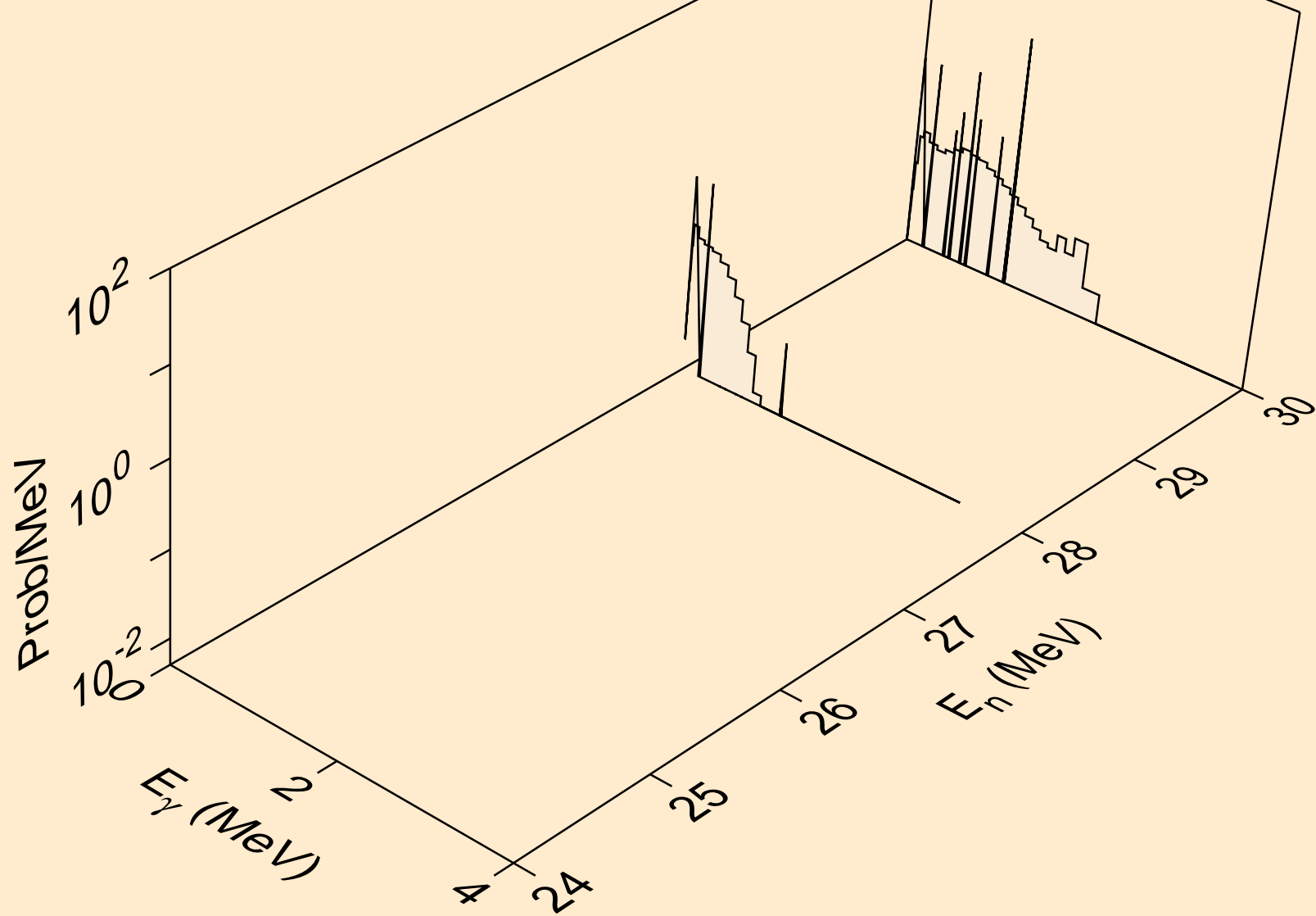
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



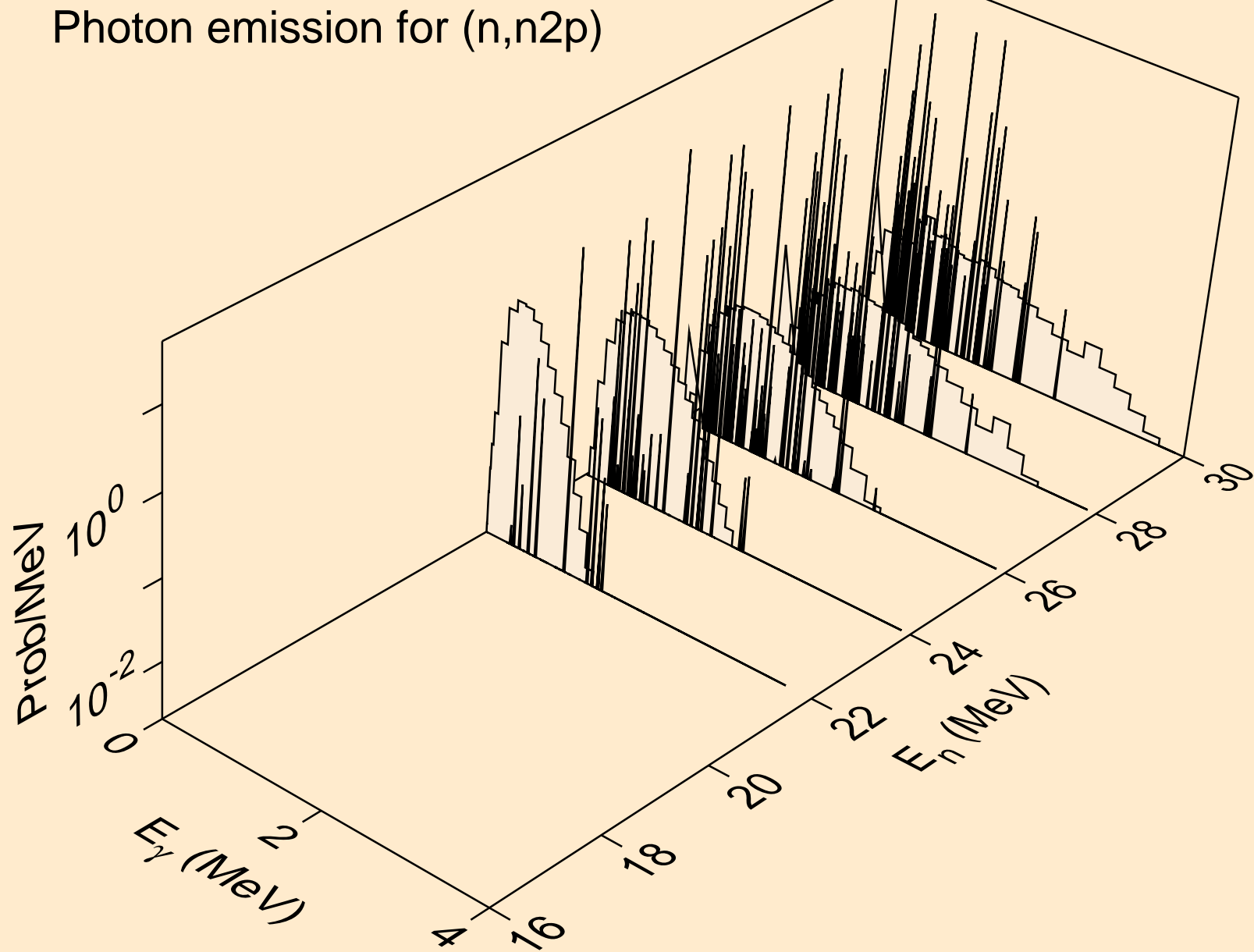
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



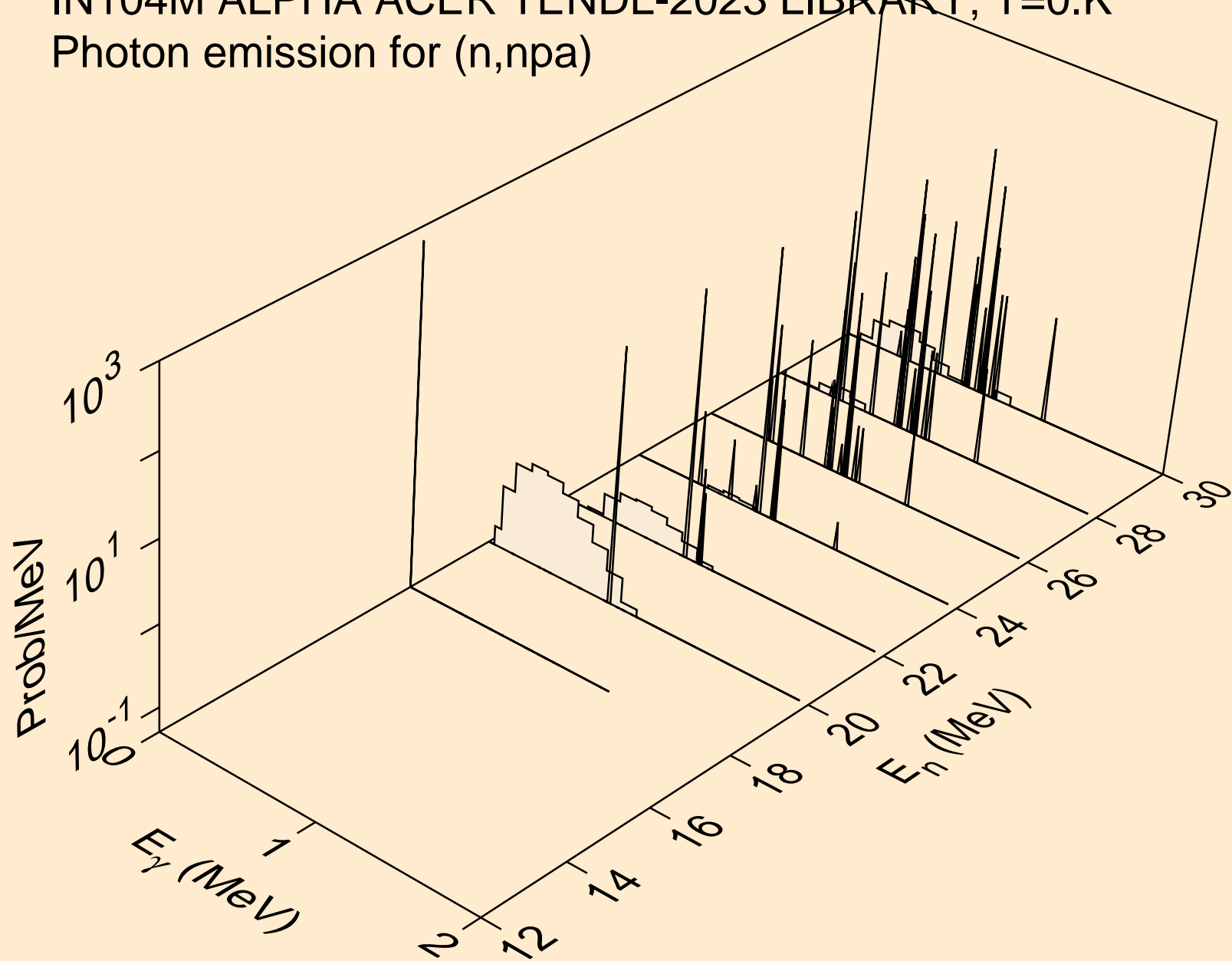
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



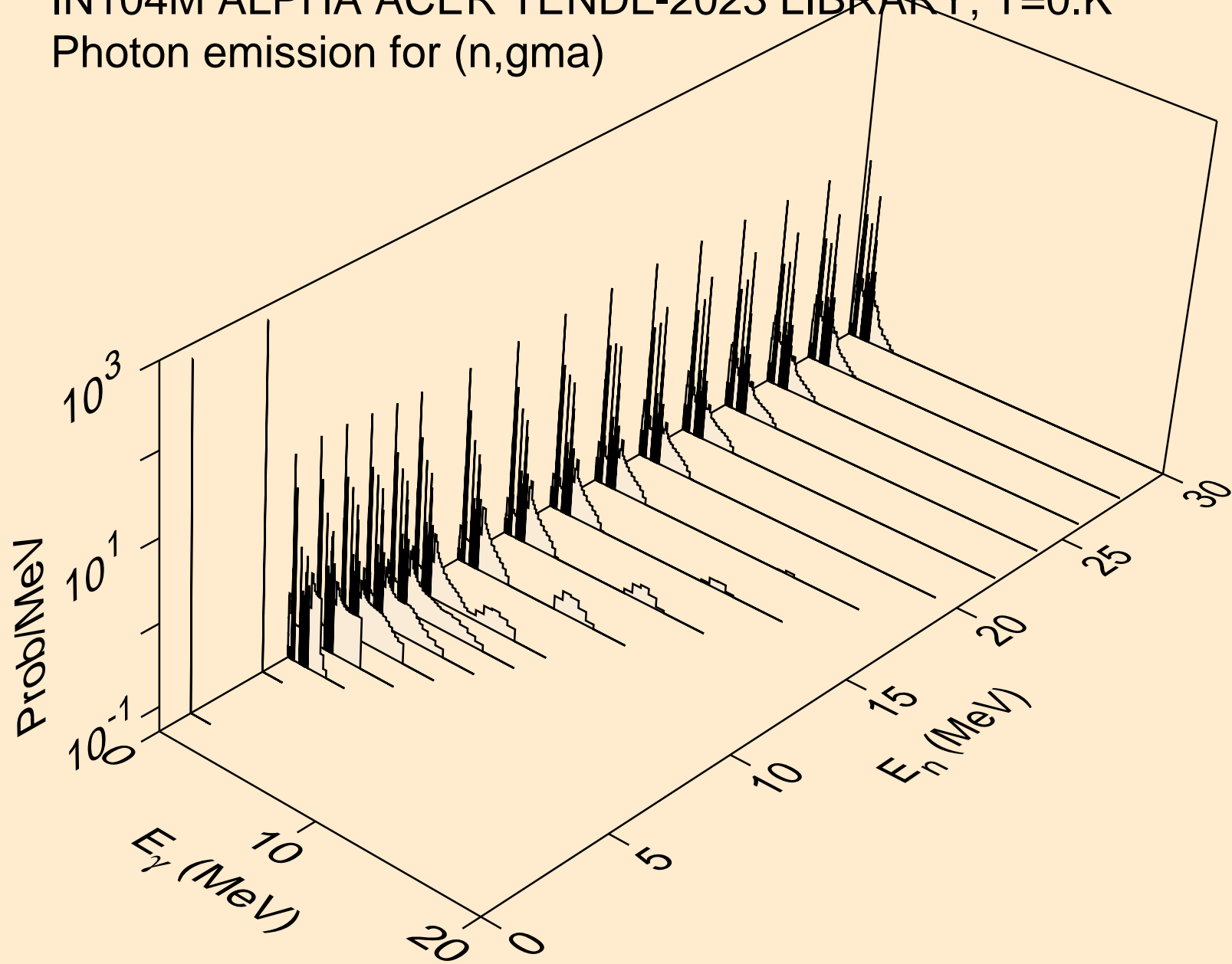
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Photon emission for (n,n2p)



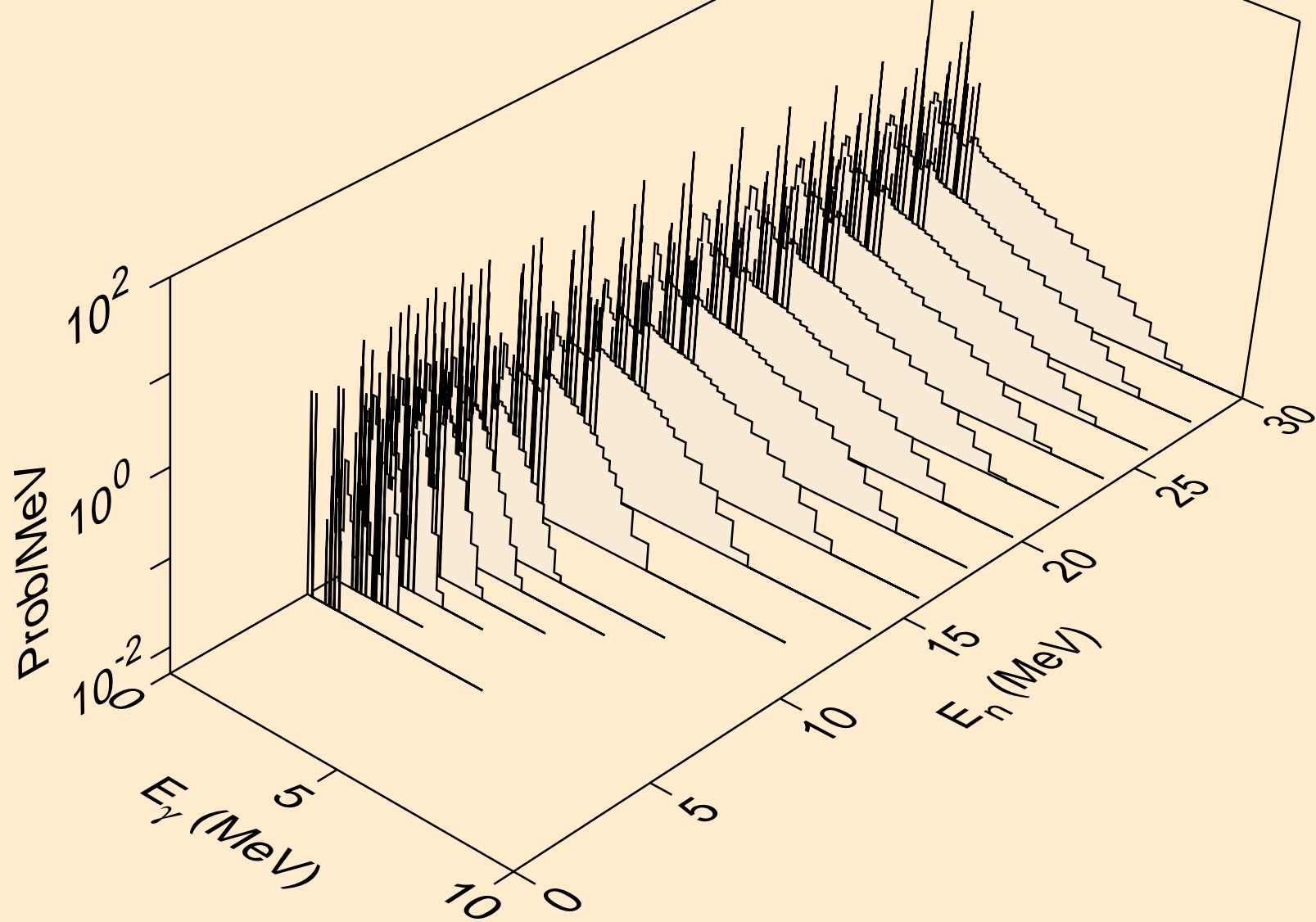
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

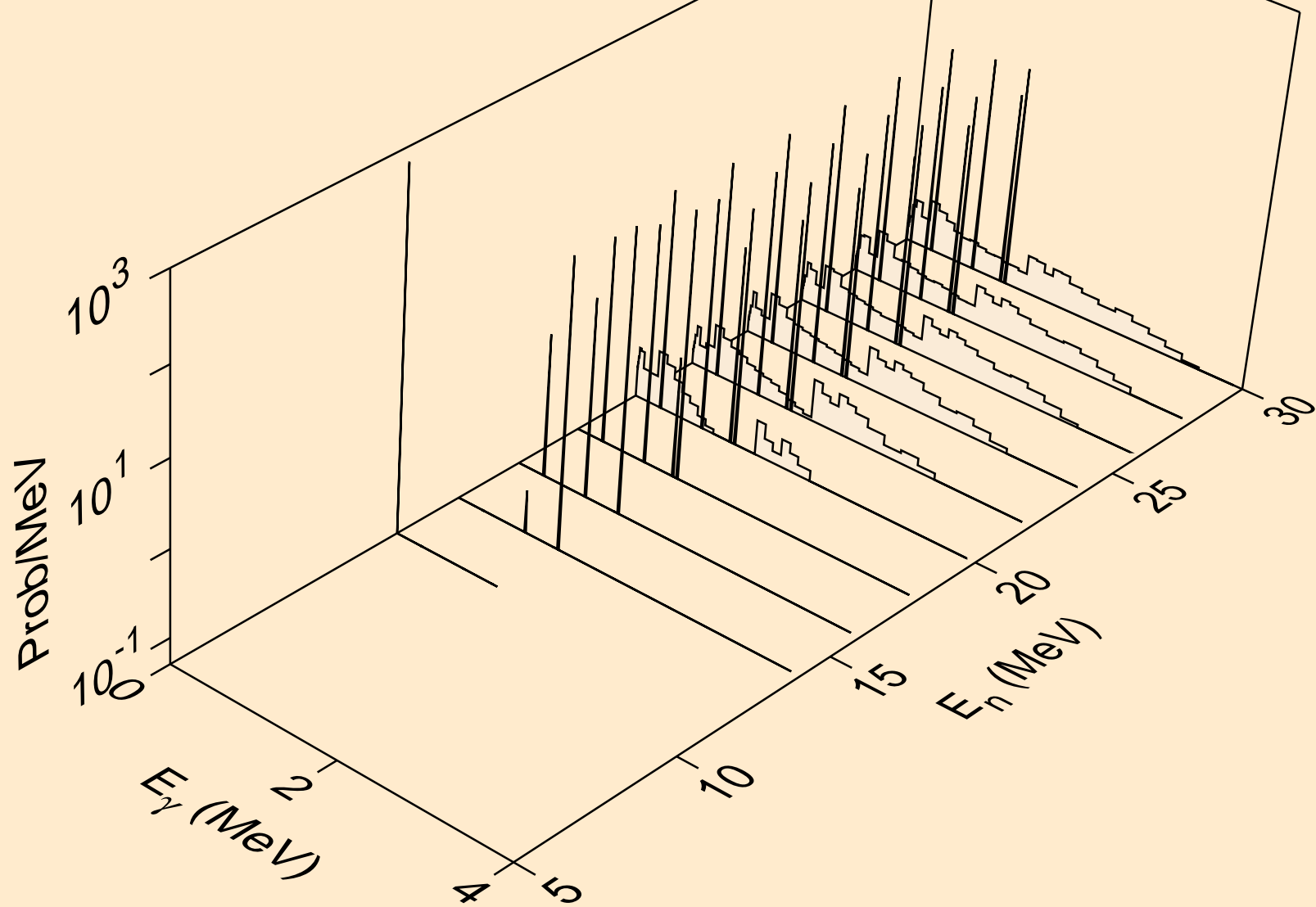


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Photon emission for (n,p)

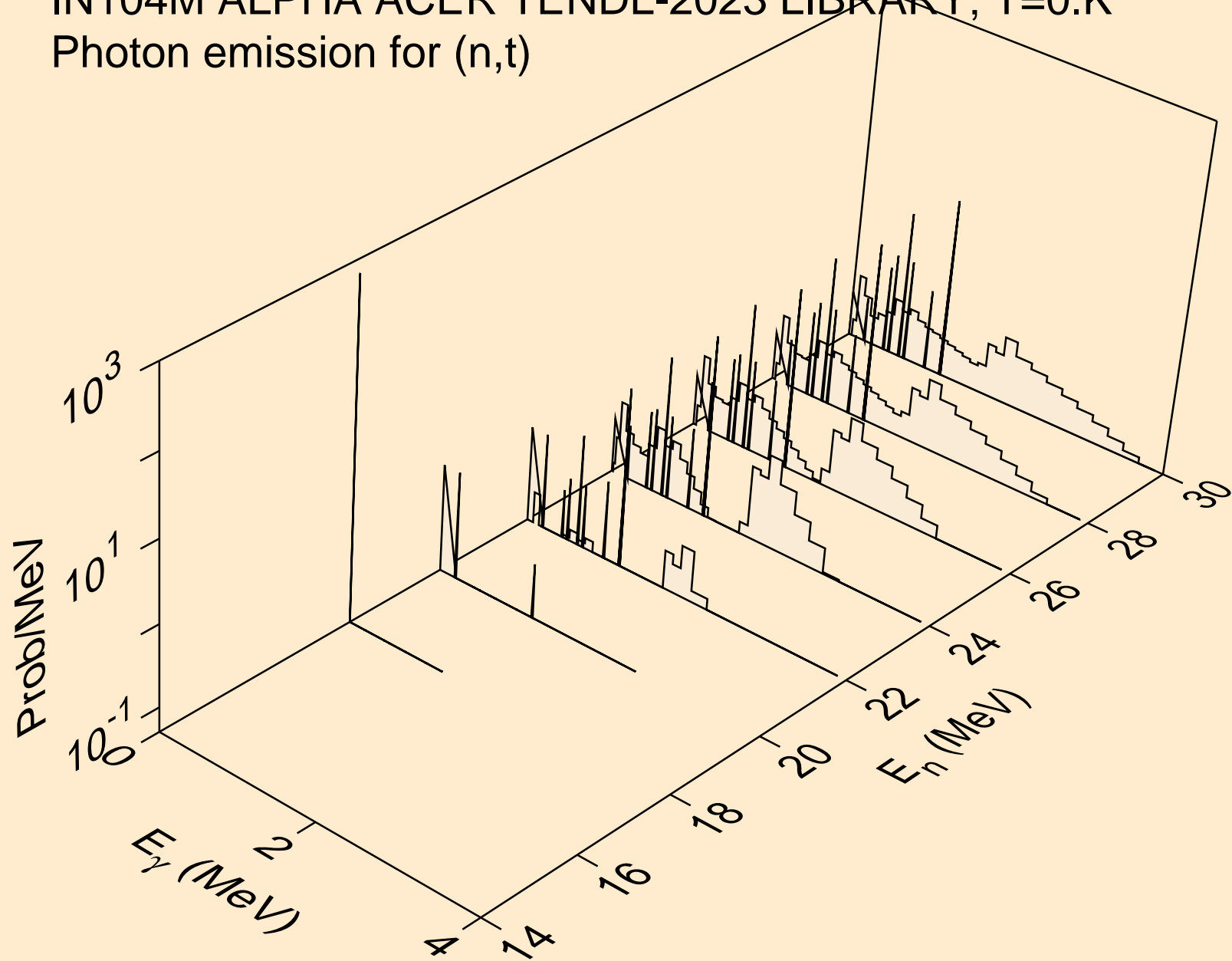




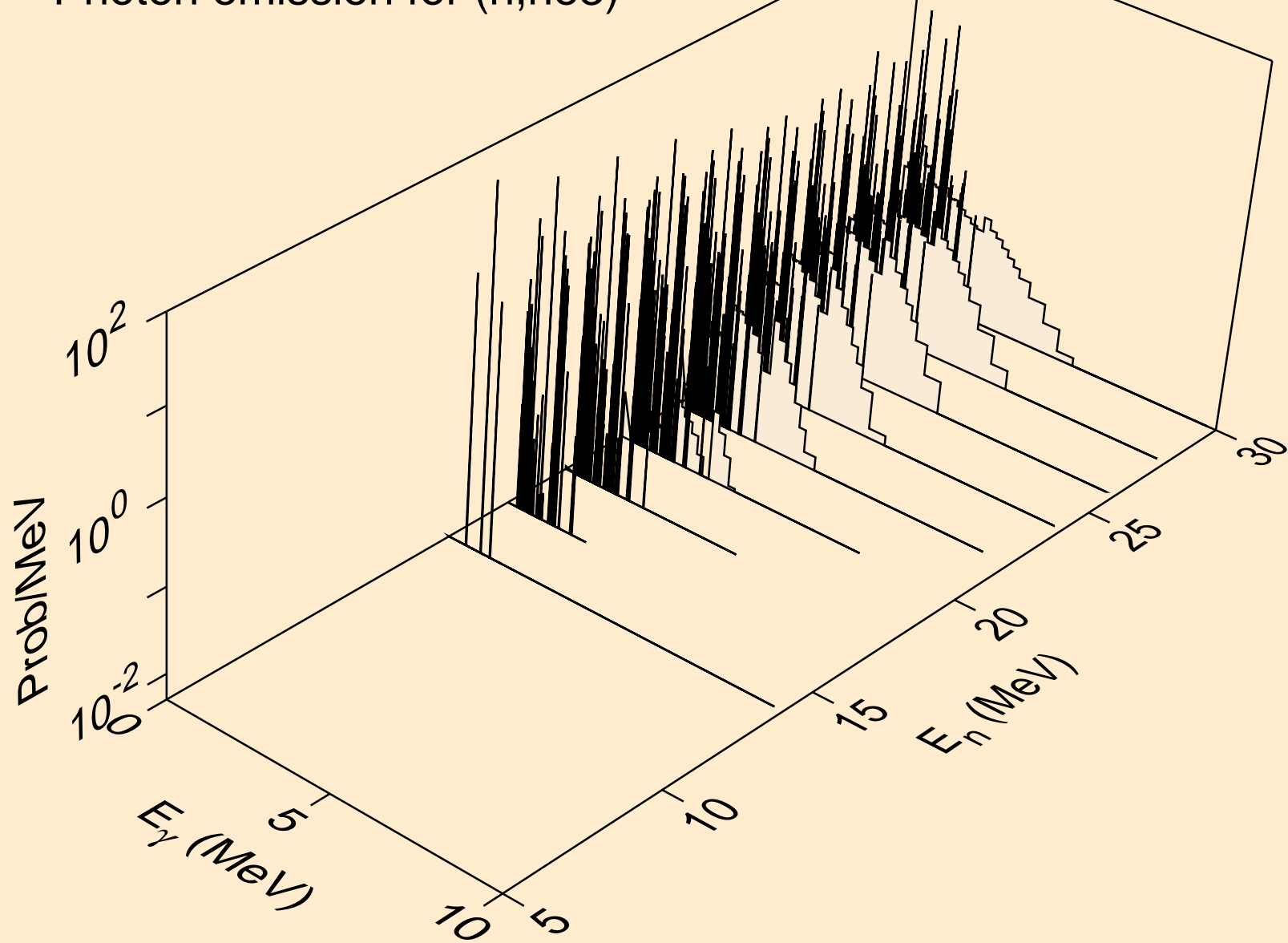
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Photon emission for (n,d)



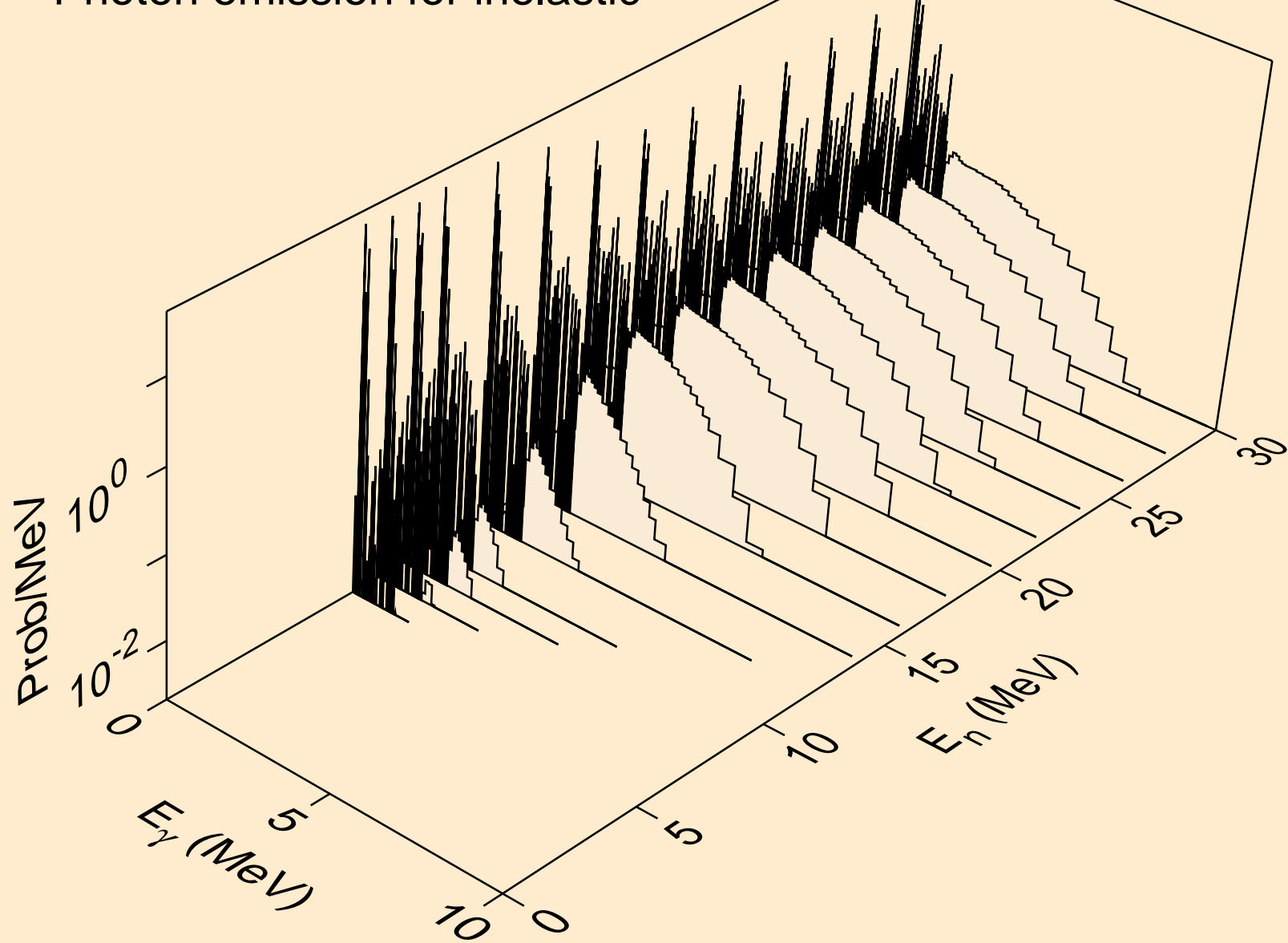
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Photon emission for (n,t)



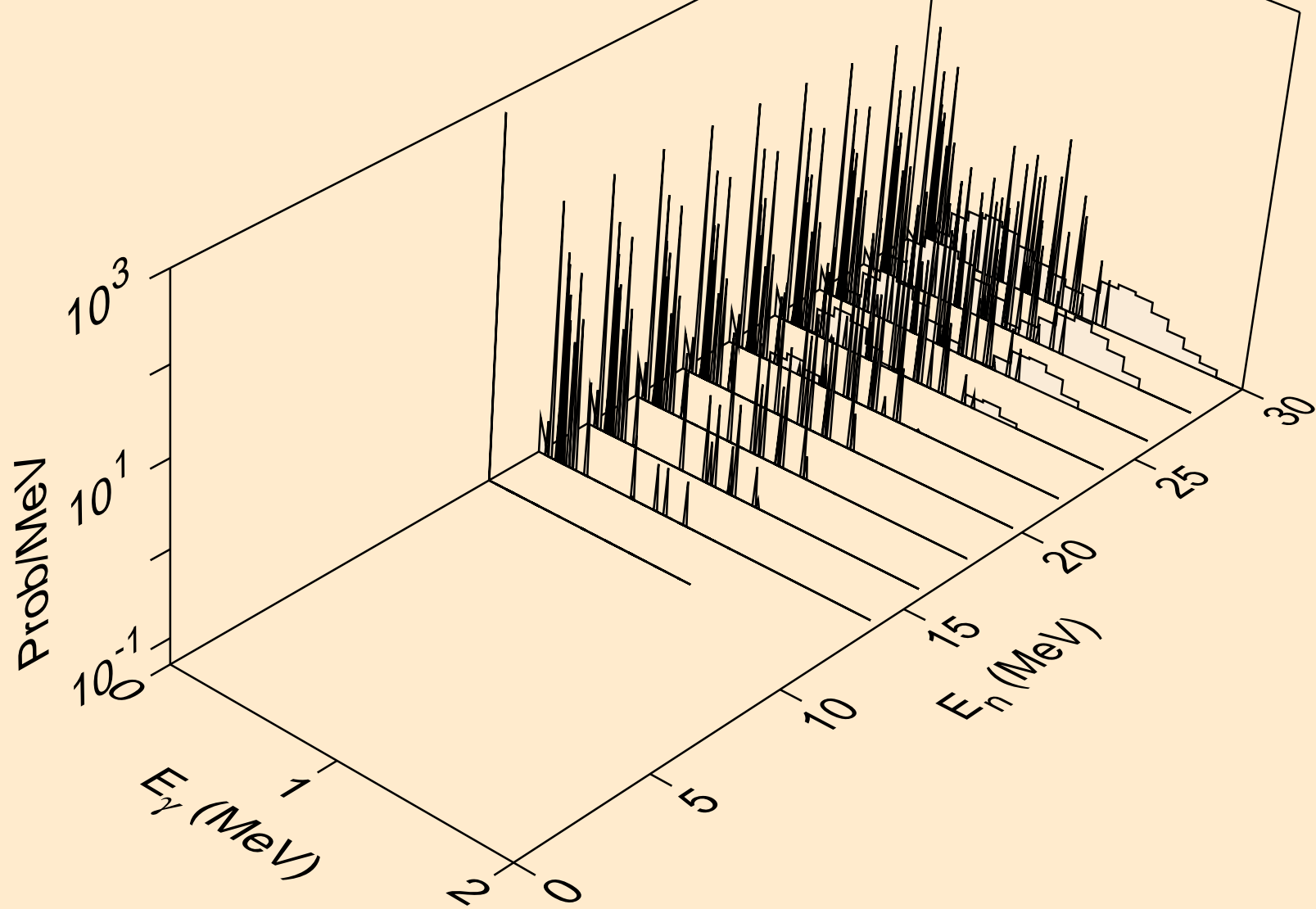
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Photon emission for (n,he3)



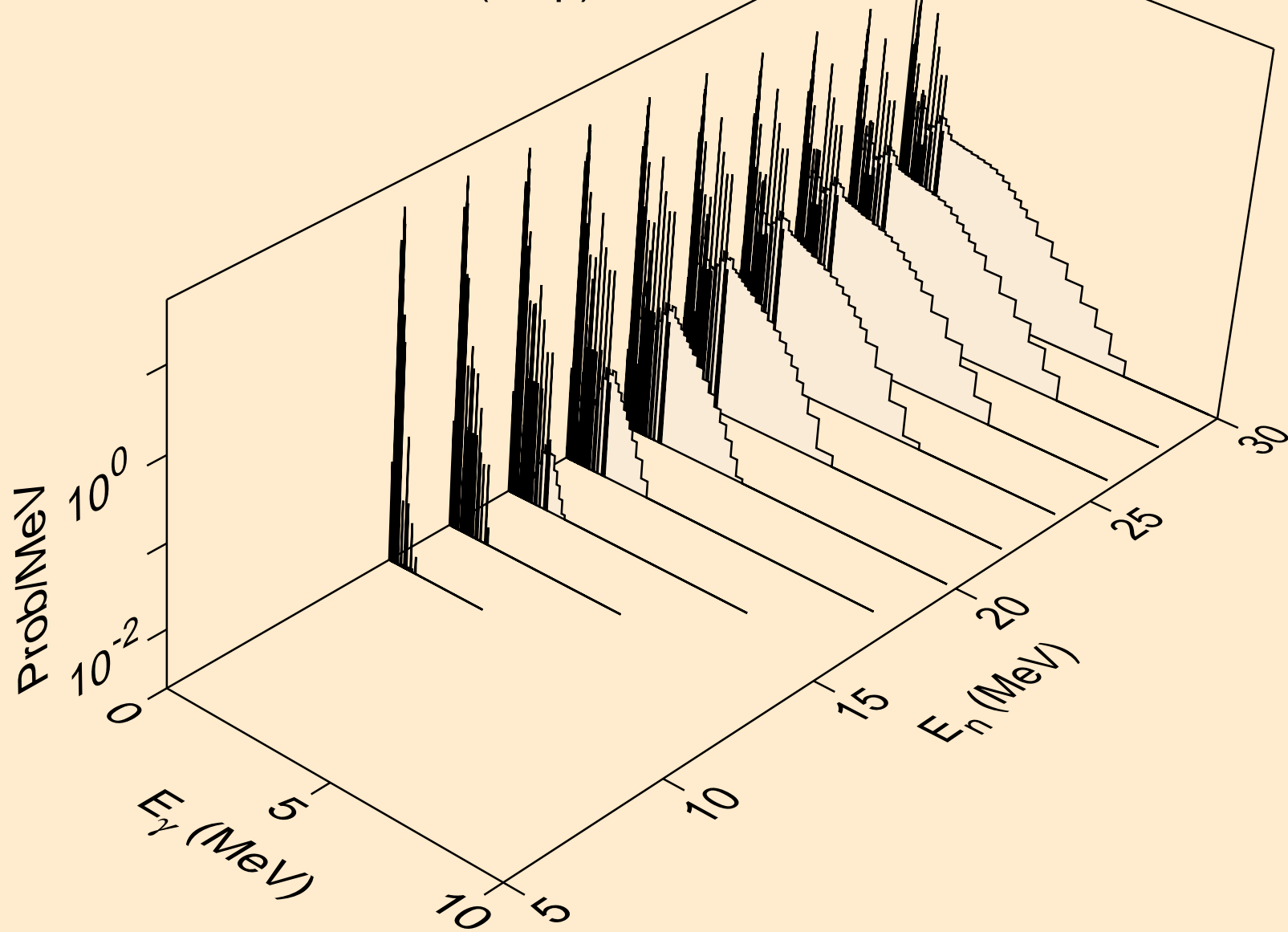
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



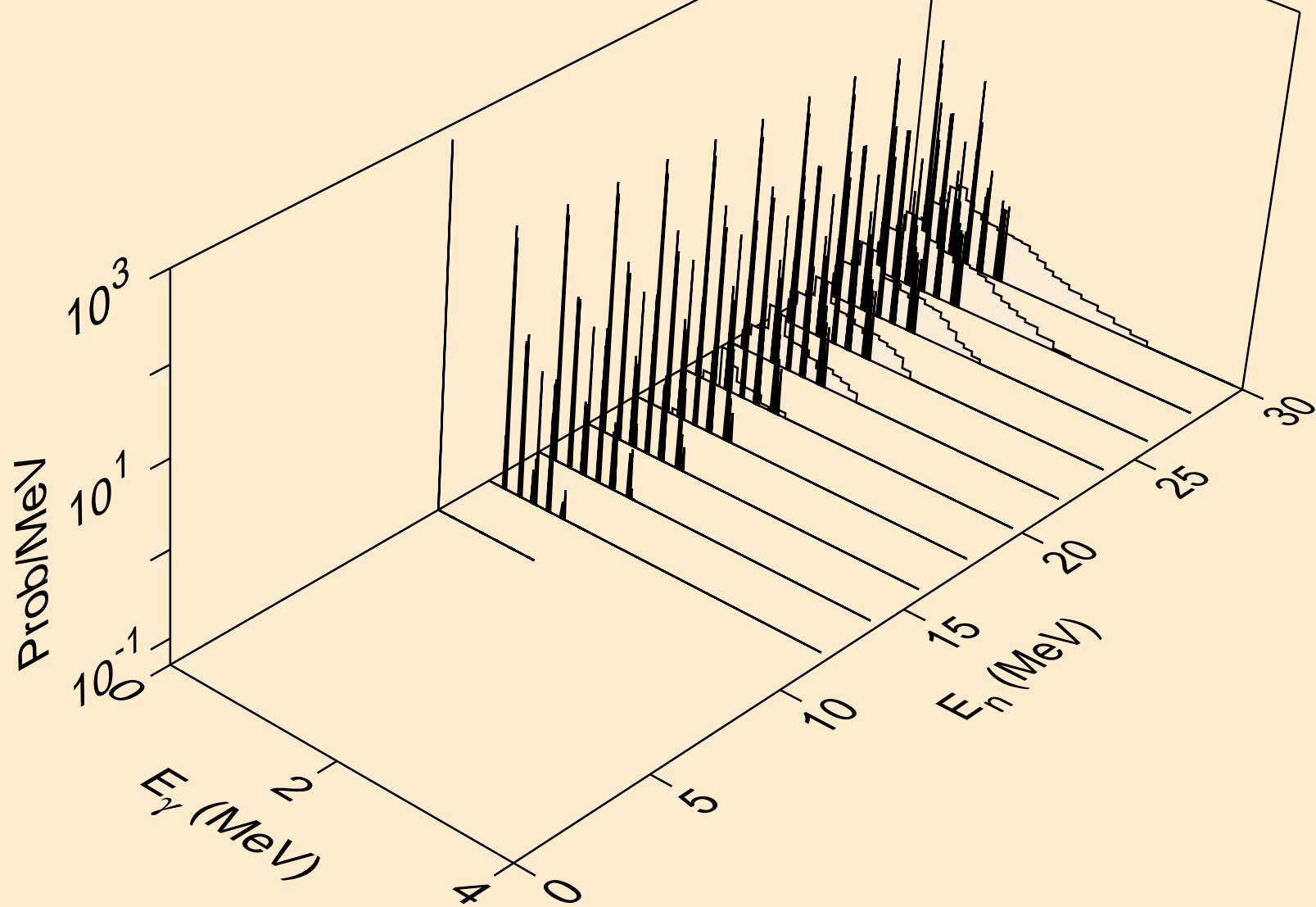
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Photon emission for (n,2a)



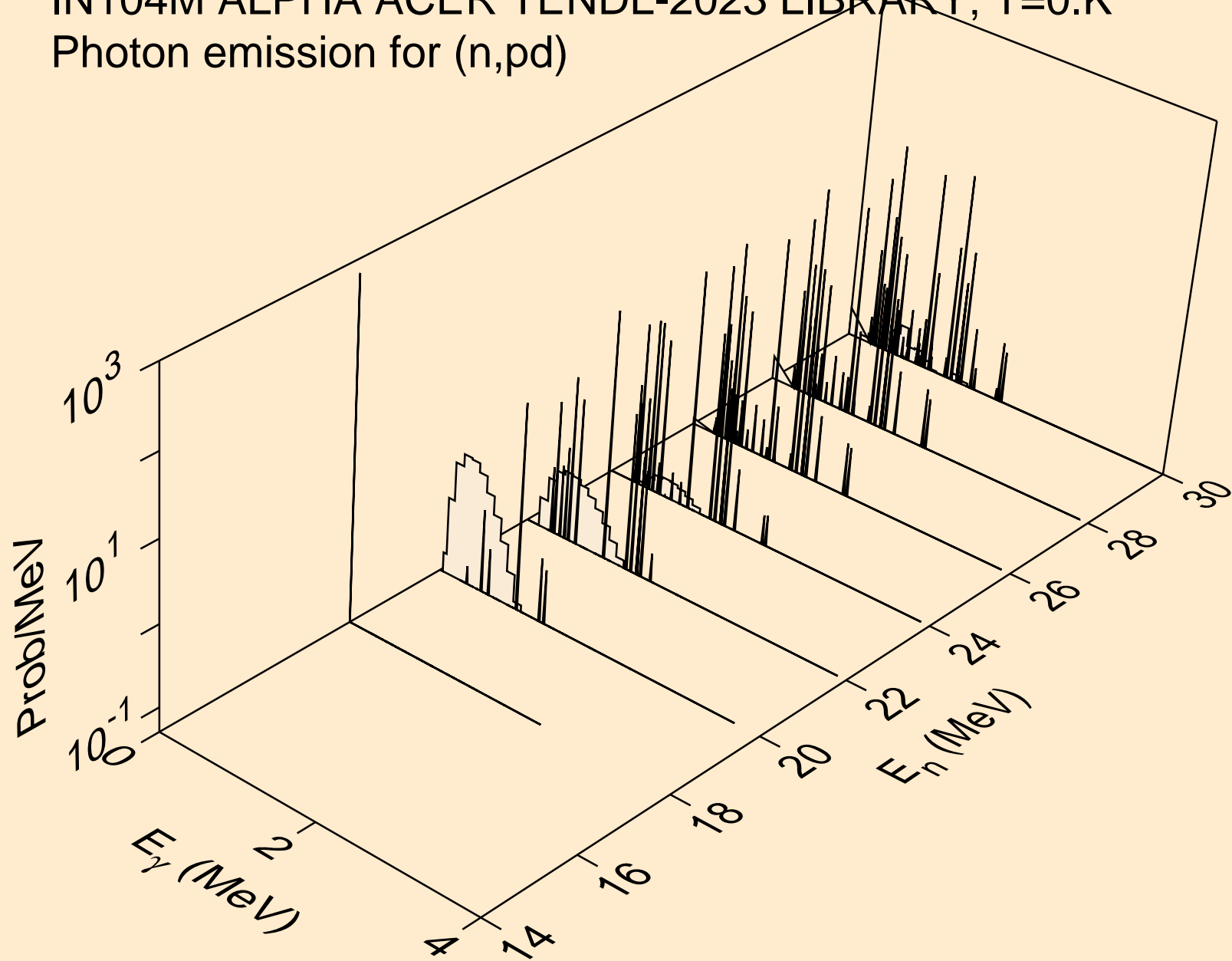
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

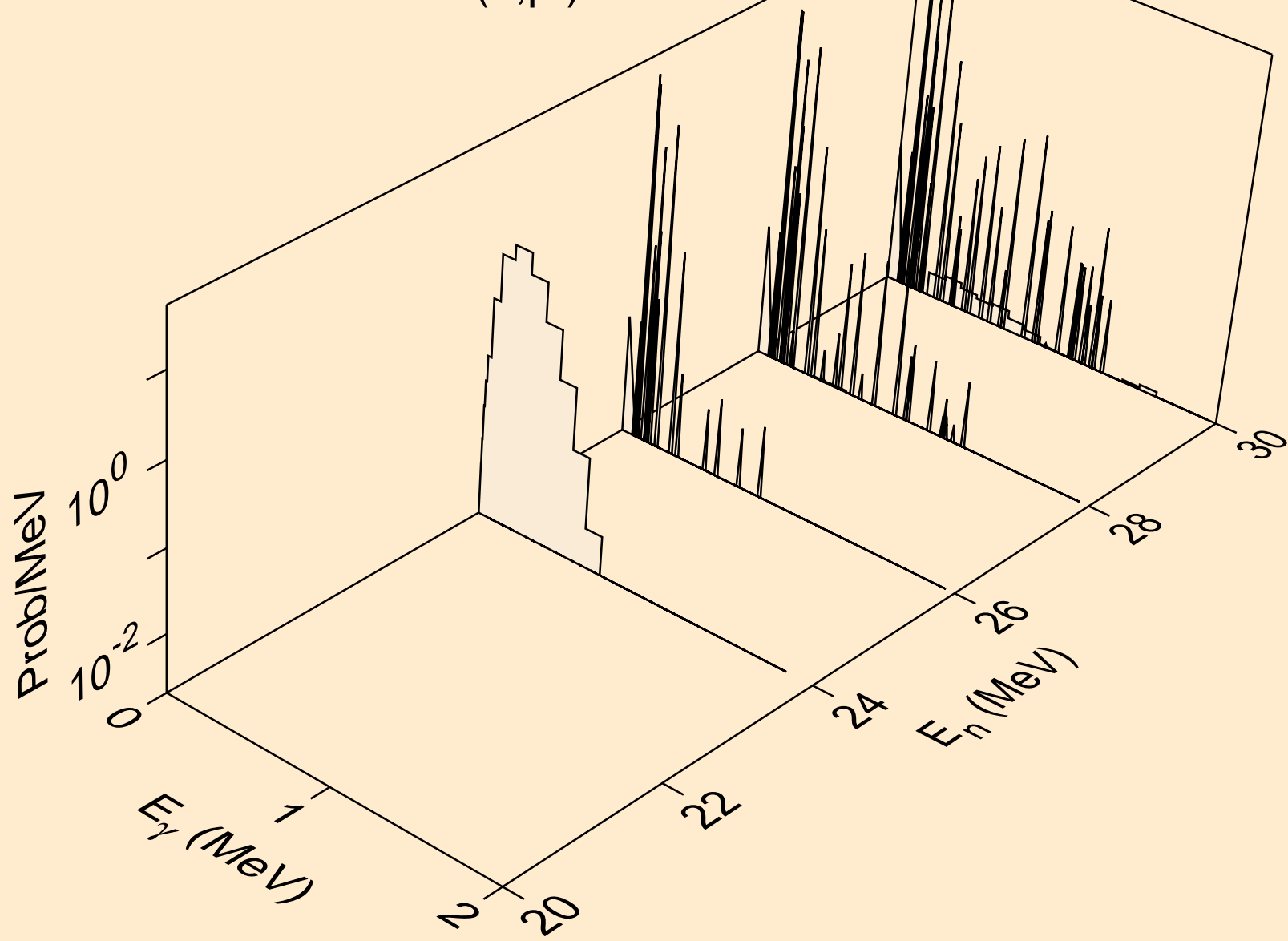


IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

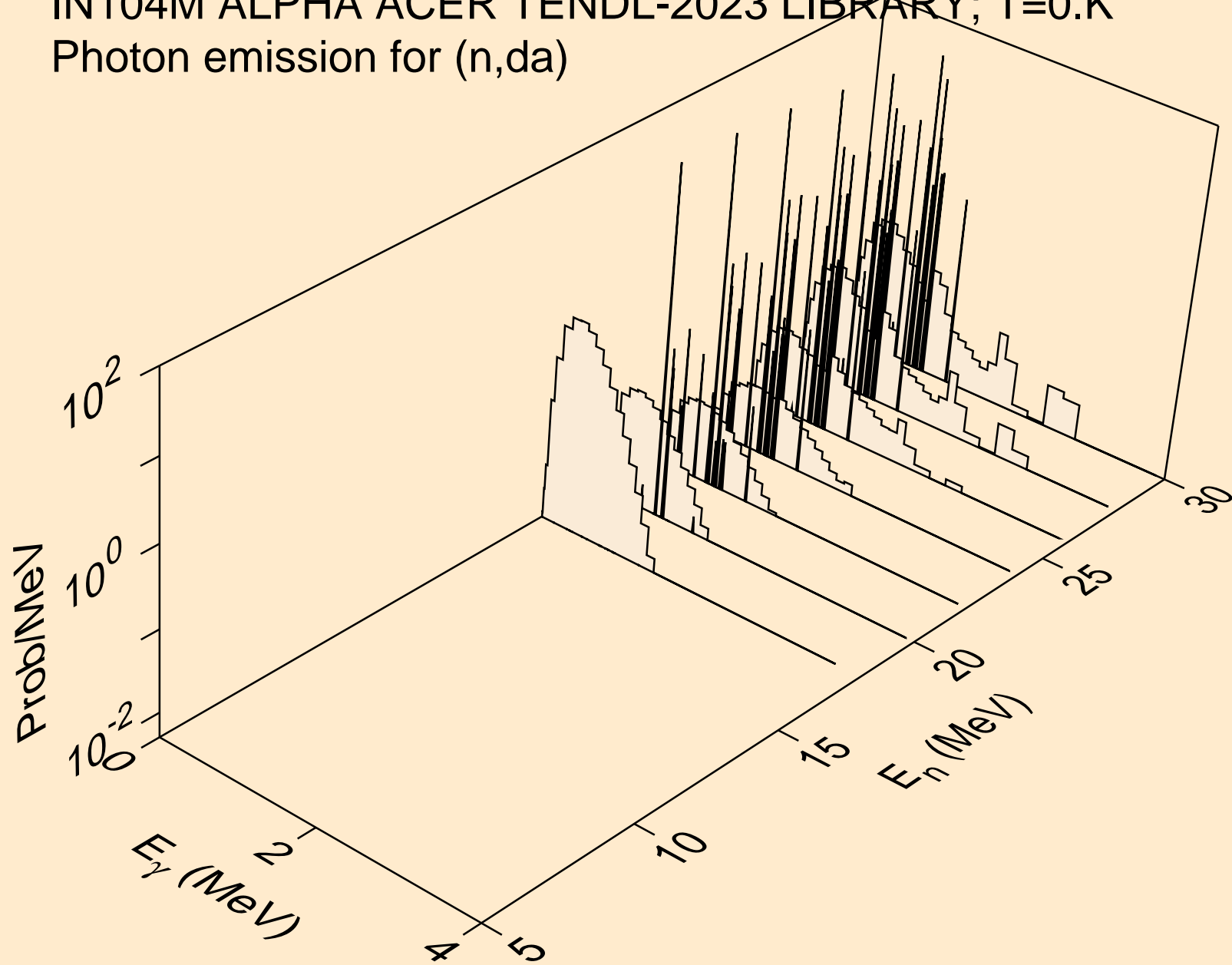




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Photon emission for (n,pt)

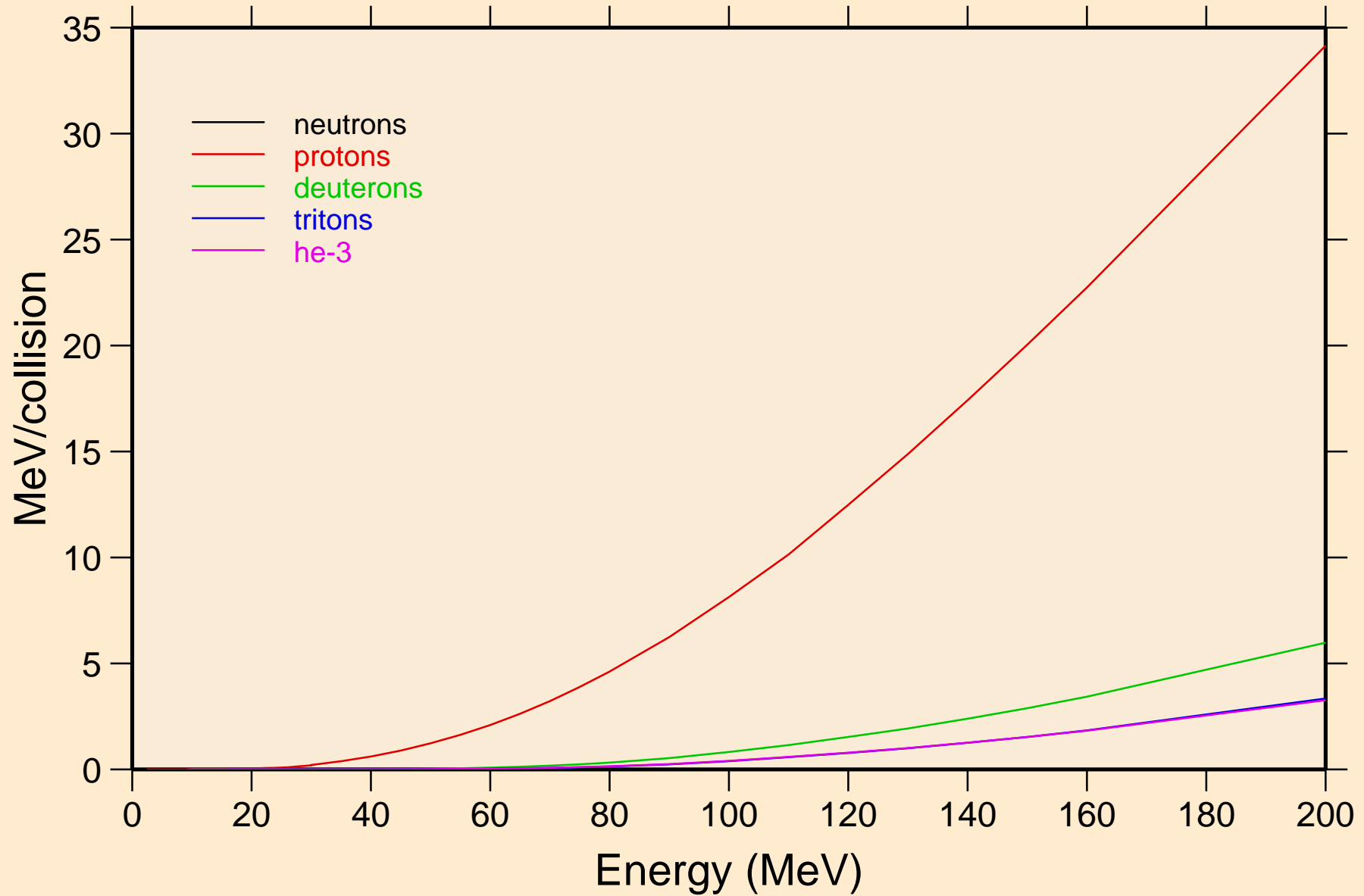


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Photon emission for (n,da)

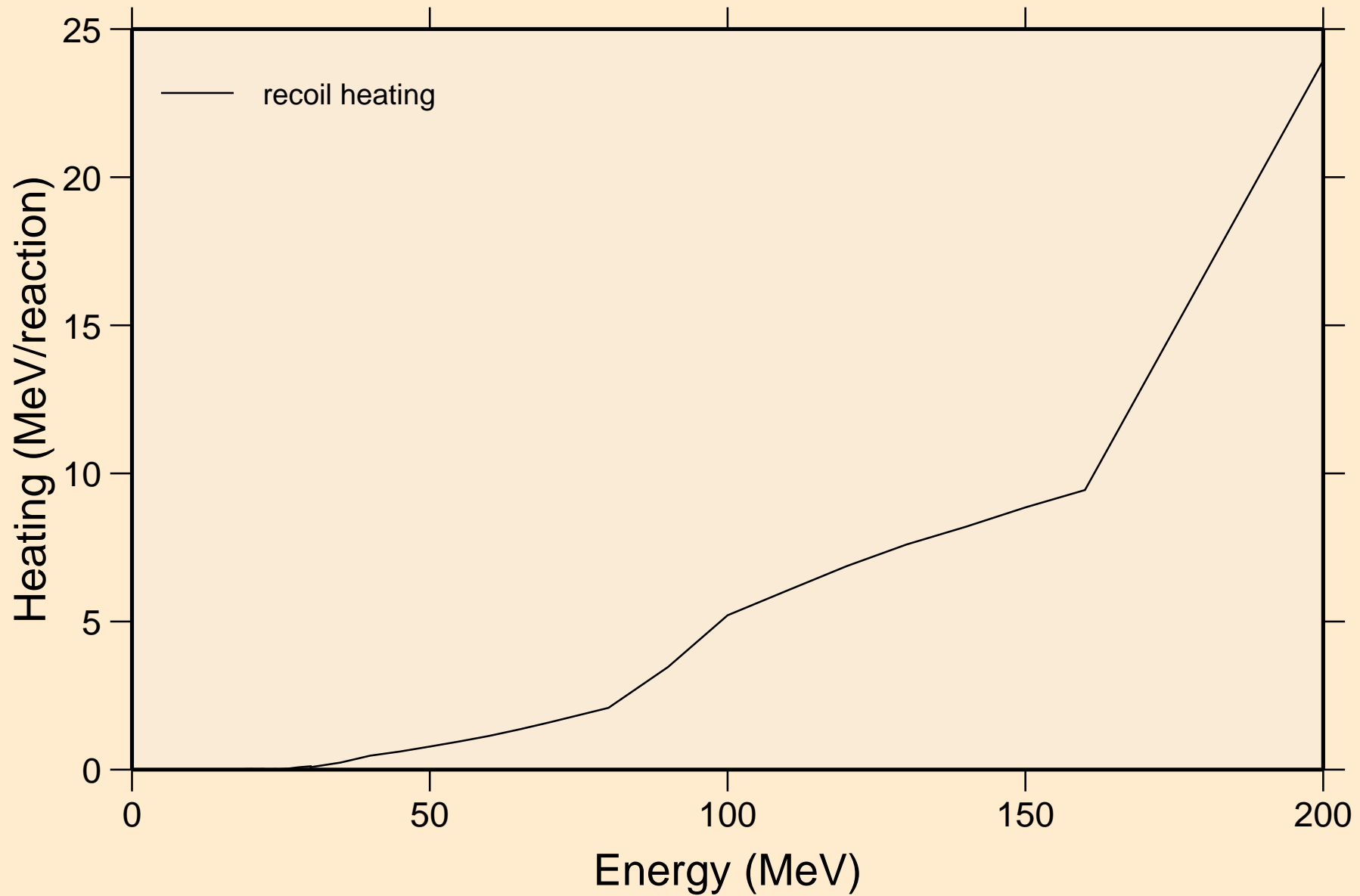


# IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

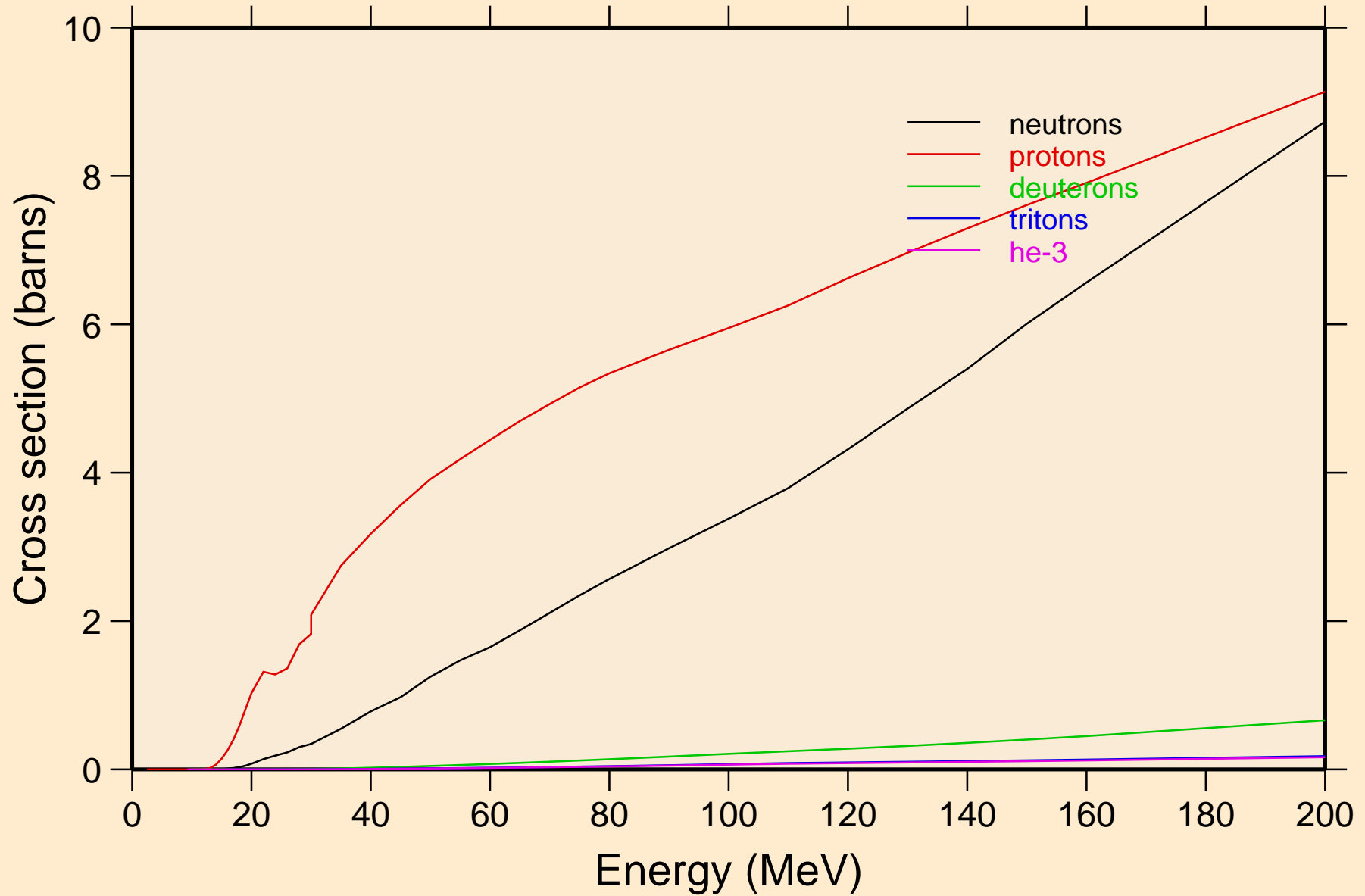
## Particle heating contributions



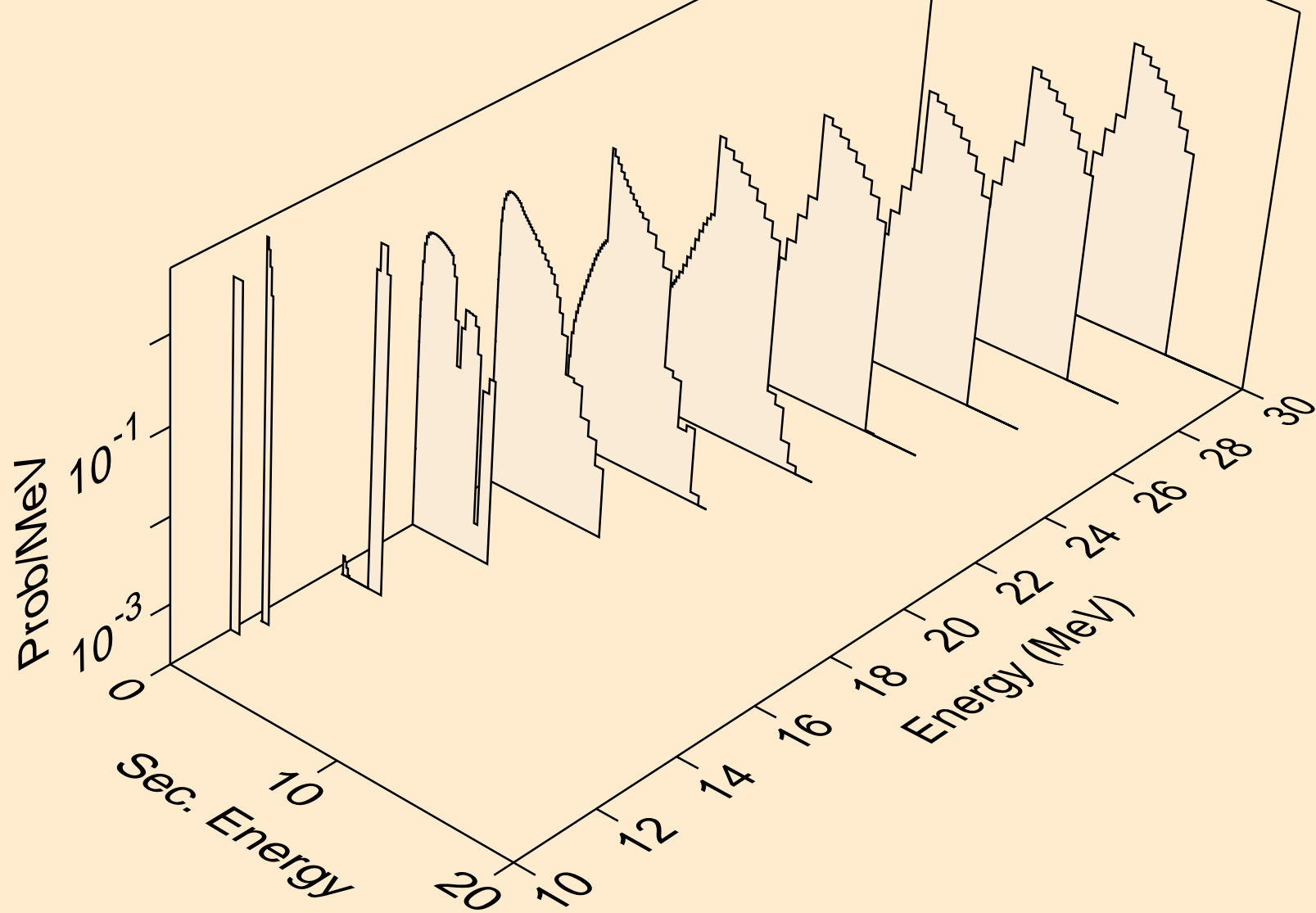
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Recoil Heating



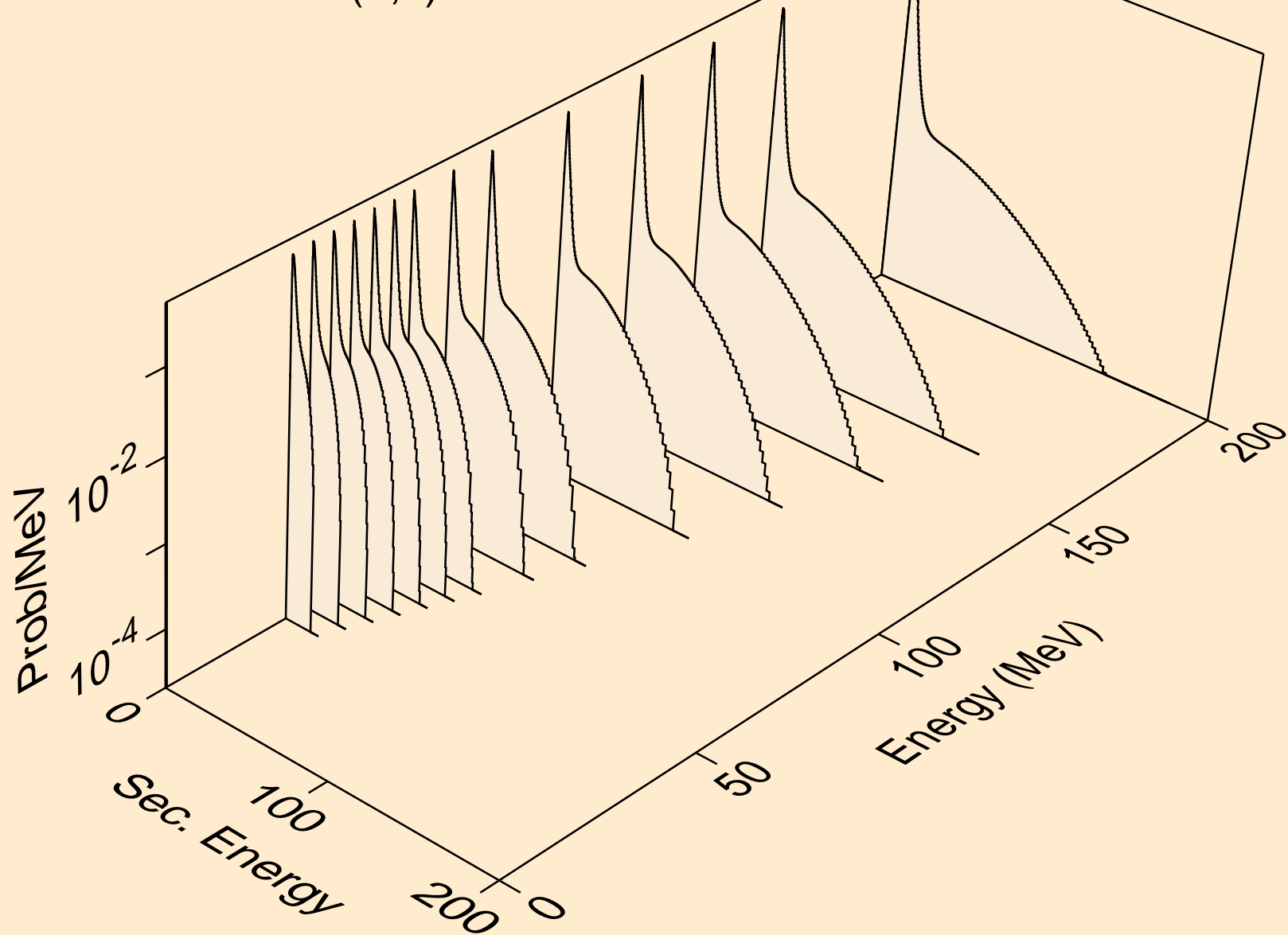
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



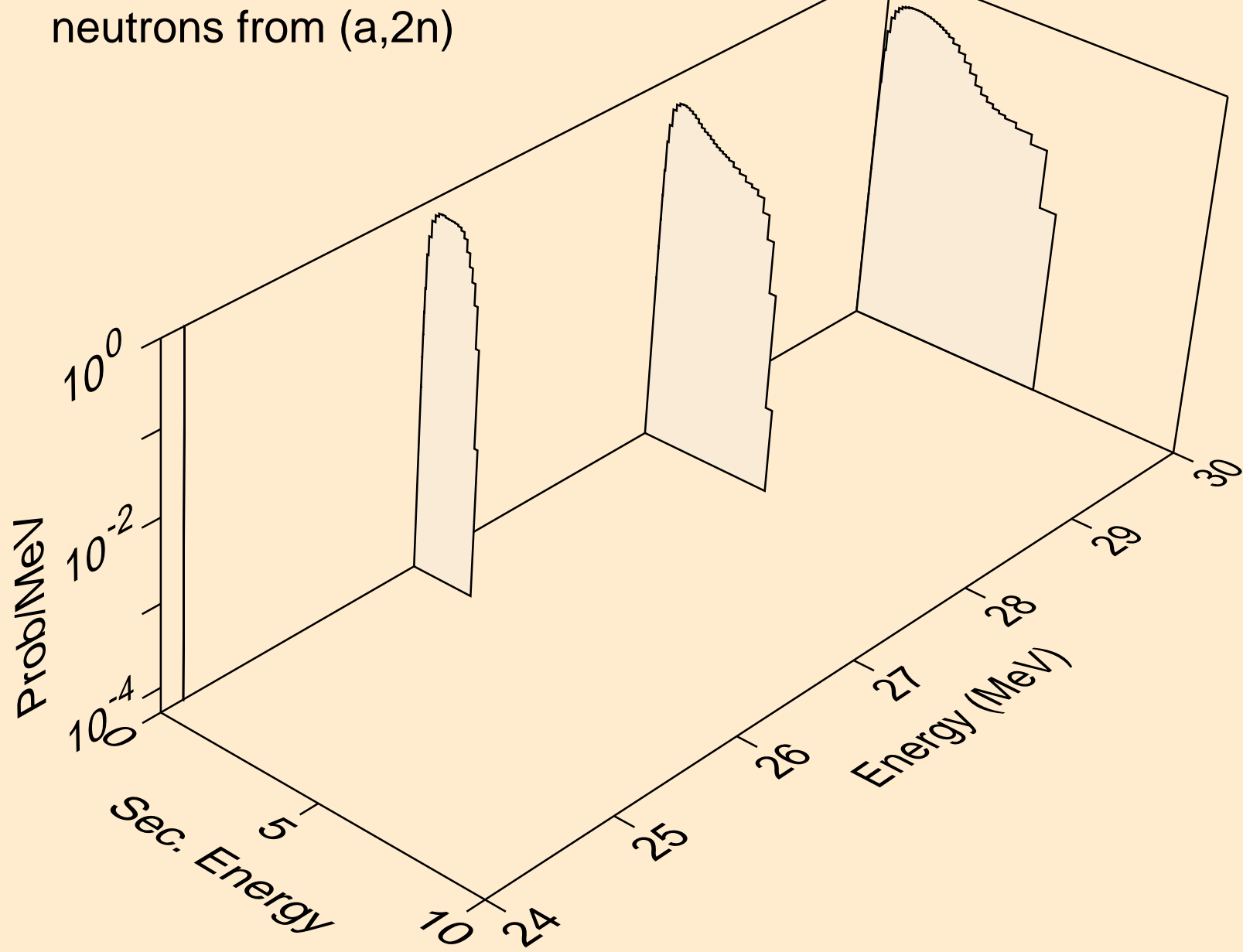
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

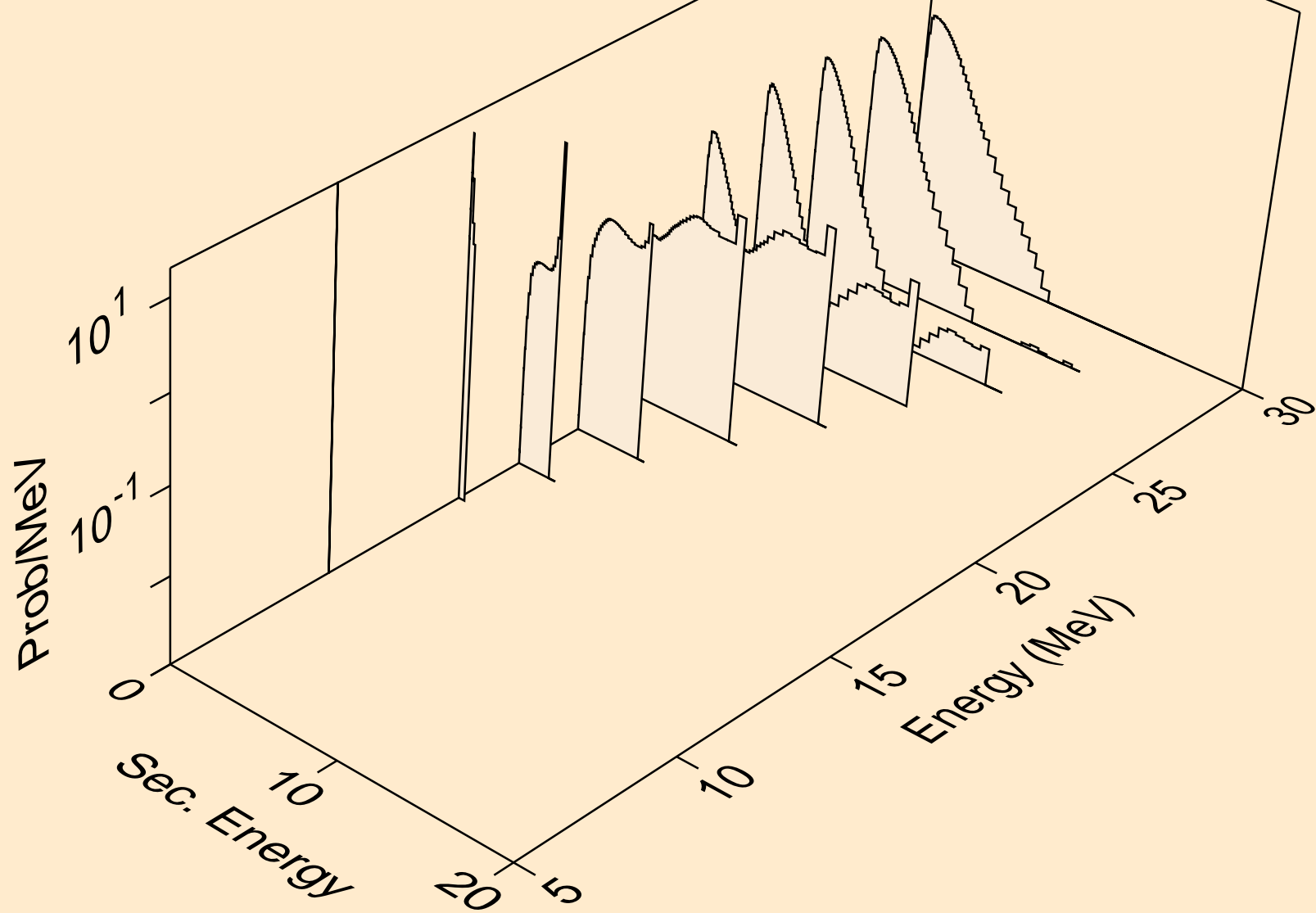


IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

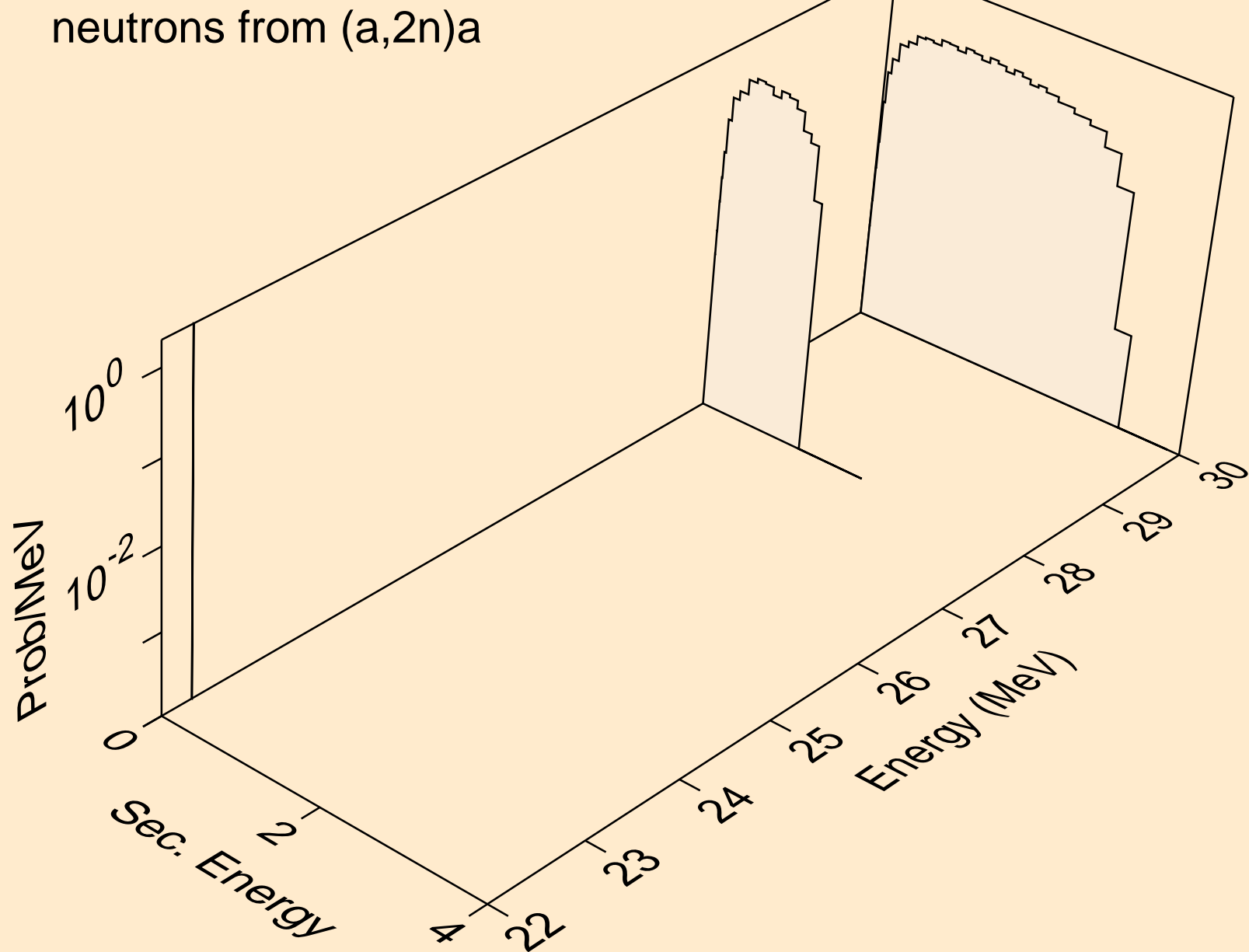




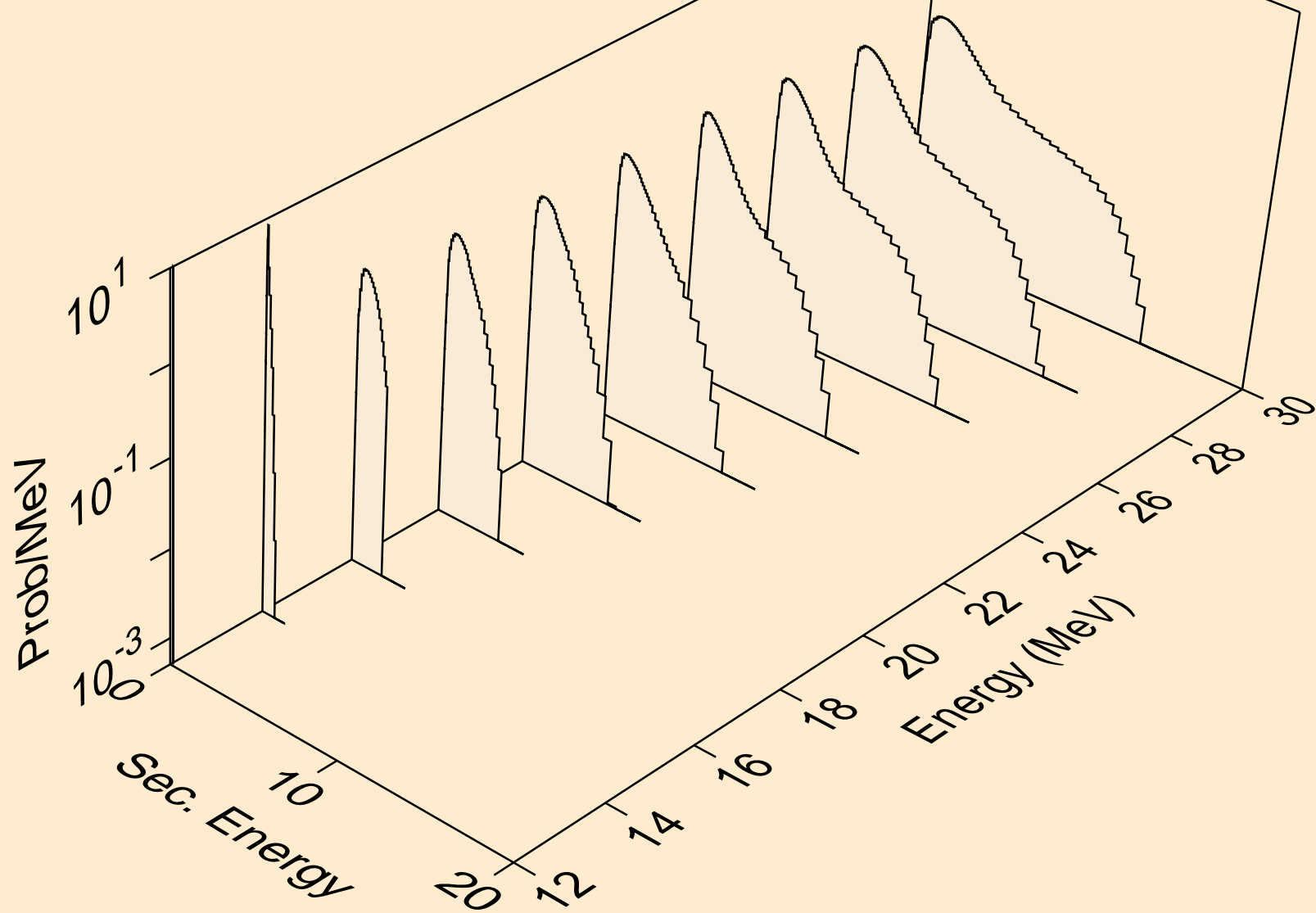
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



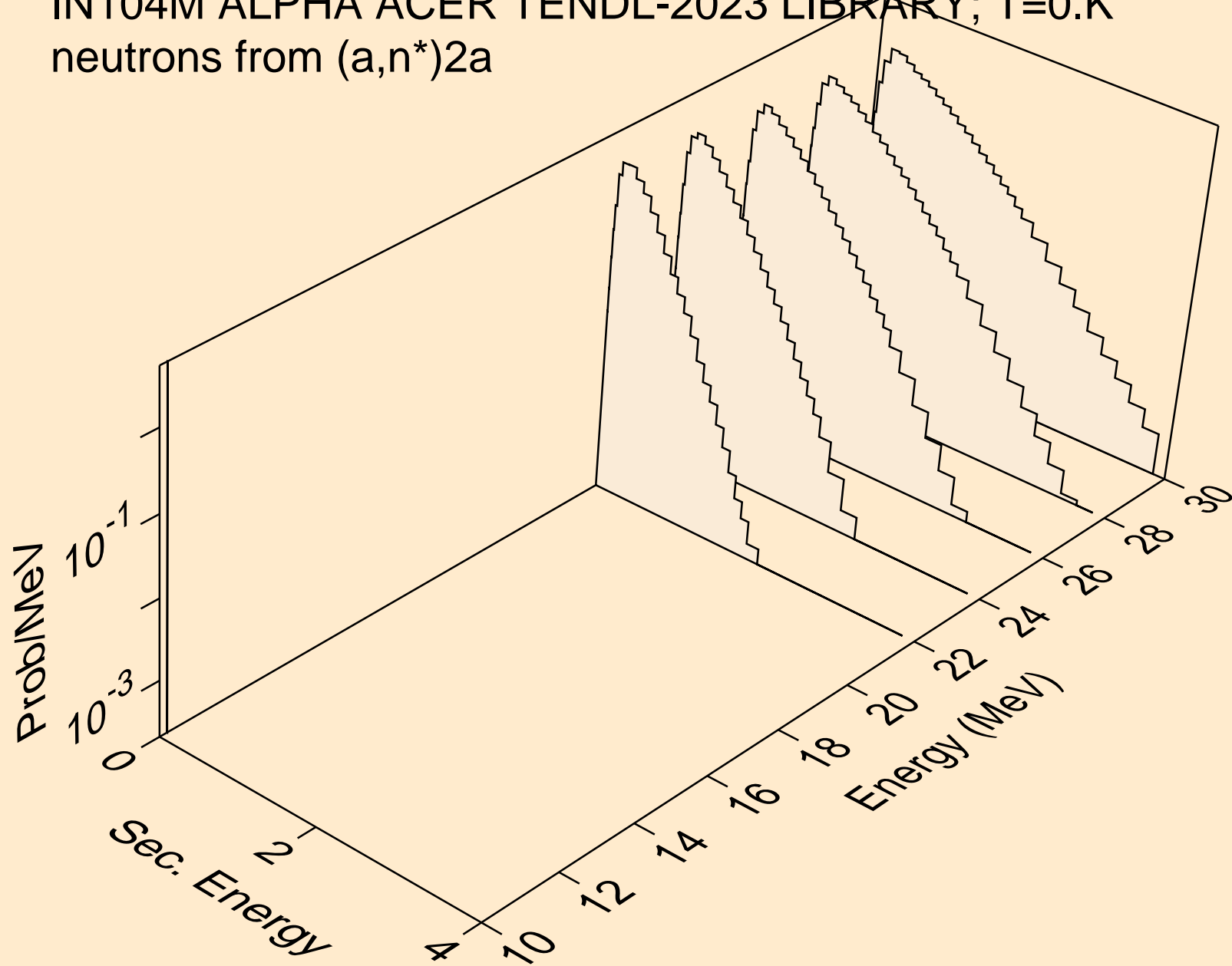
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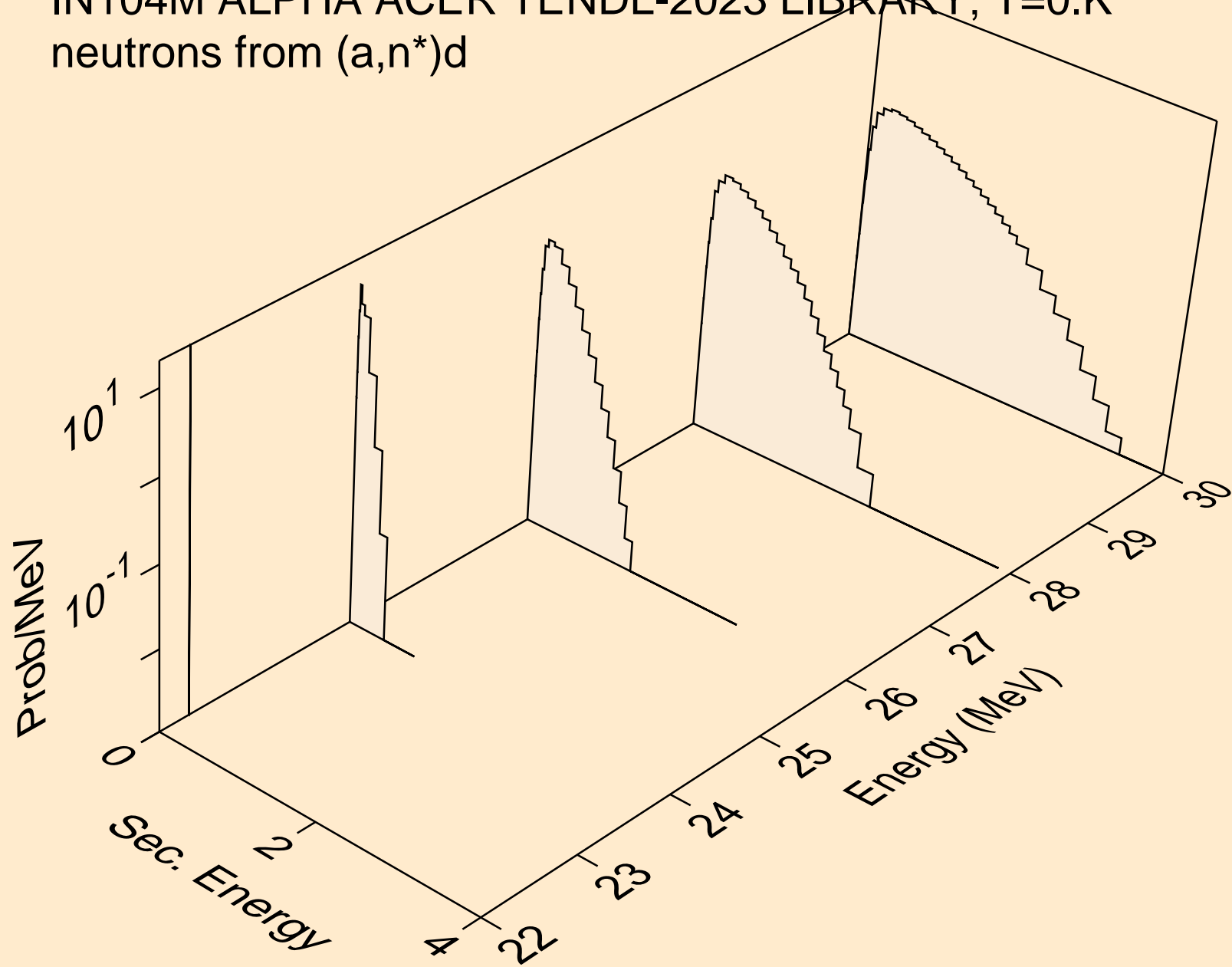
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neutrons from (a,n\*)p



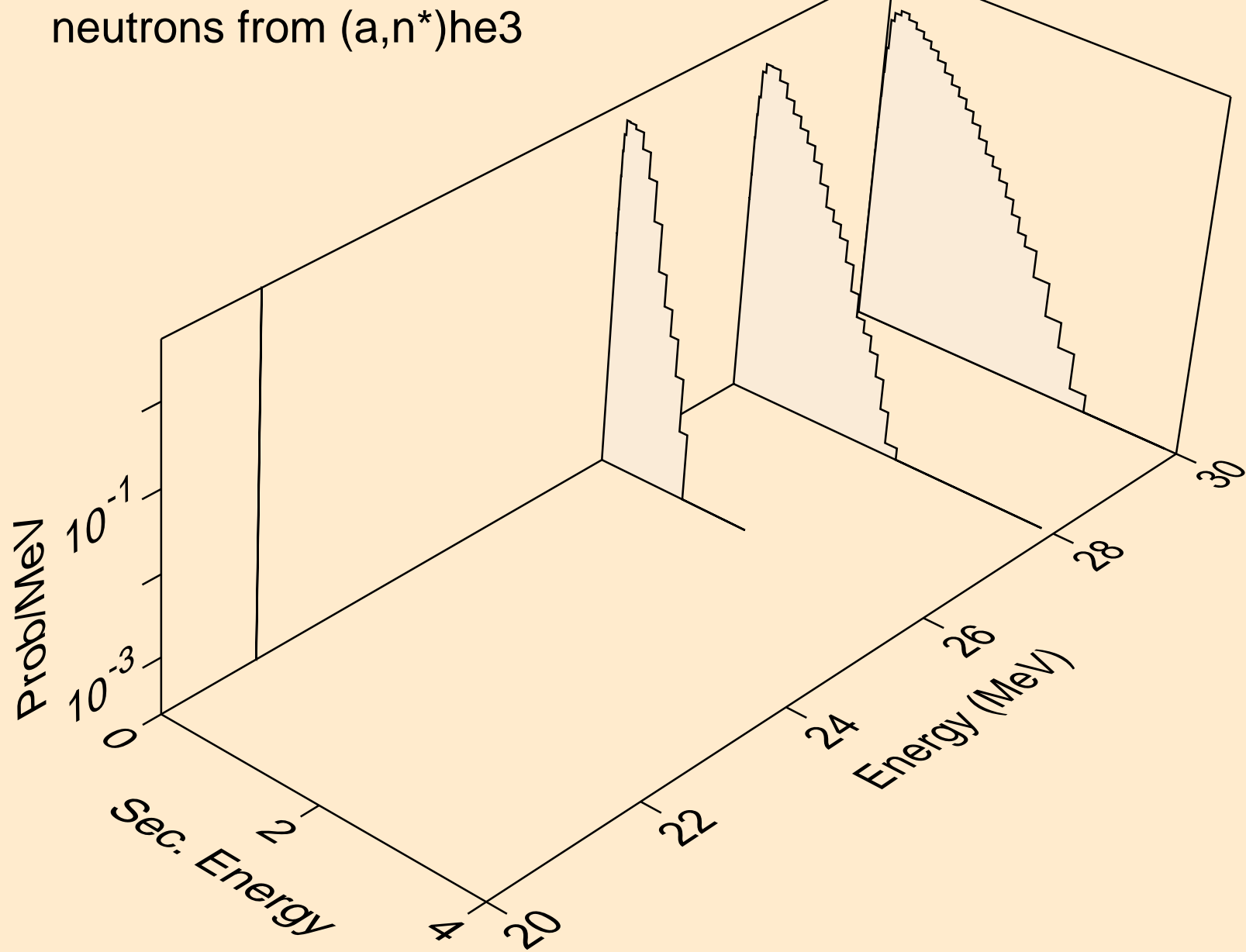
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neutrons from (a,n\*)2a



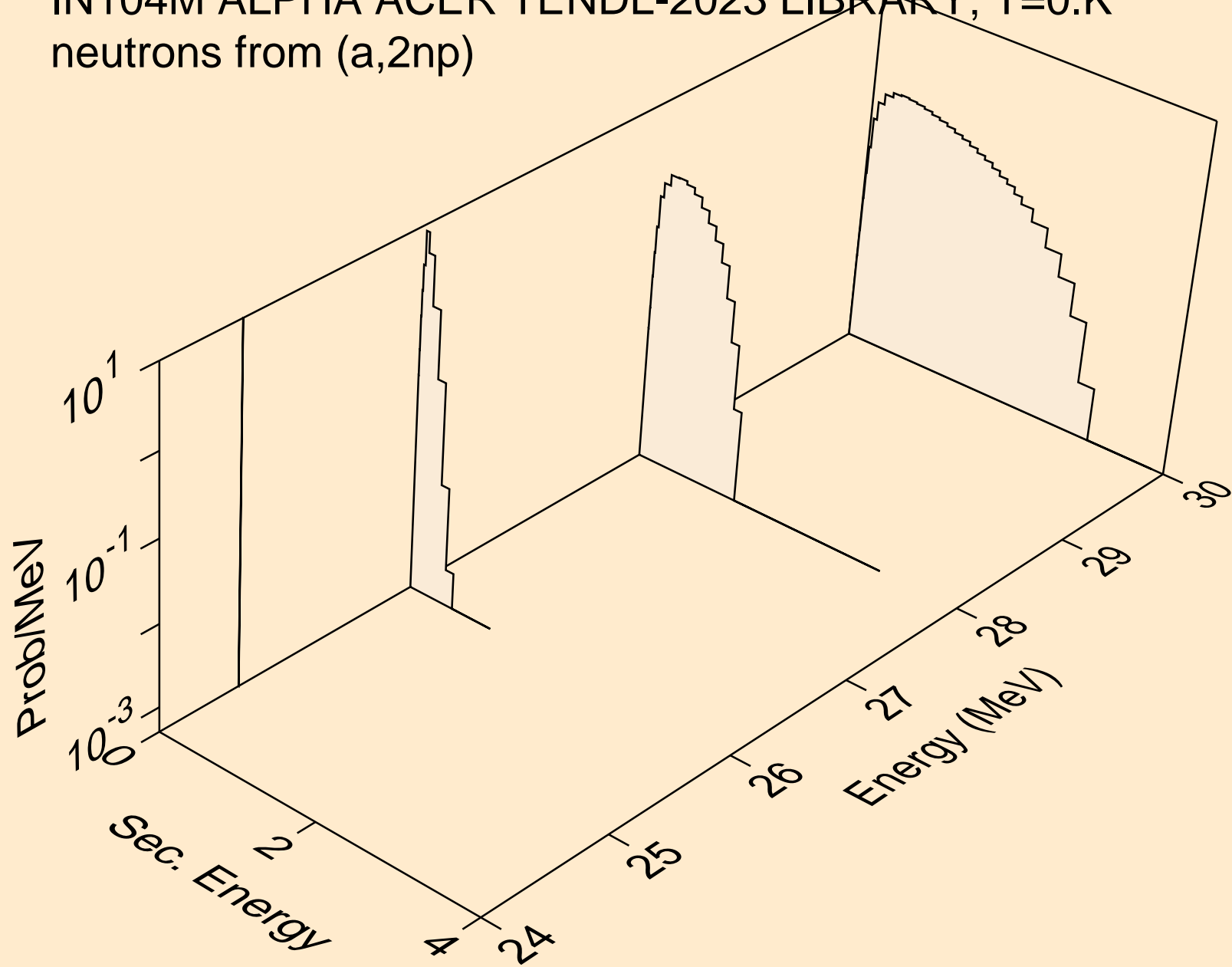
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neutrons from (a,n\*)d



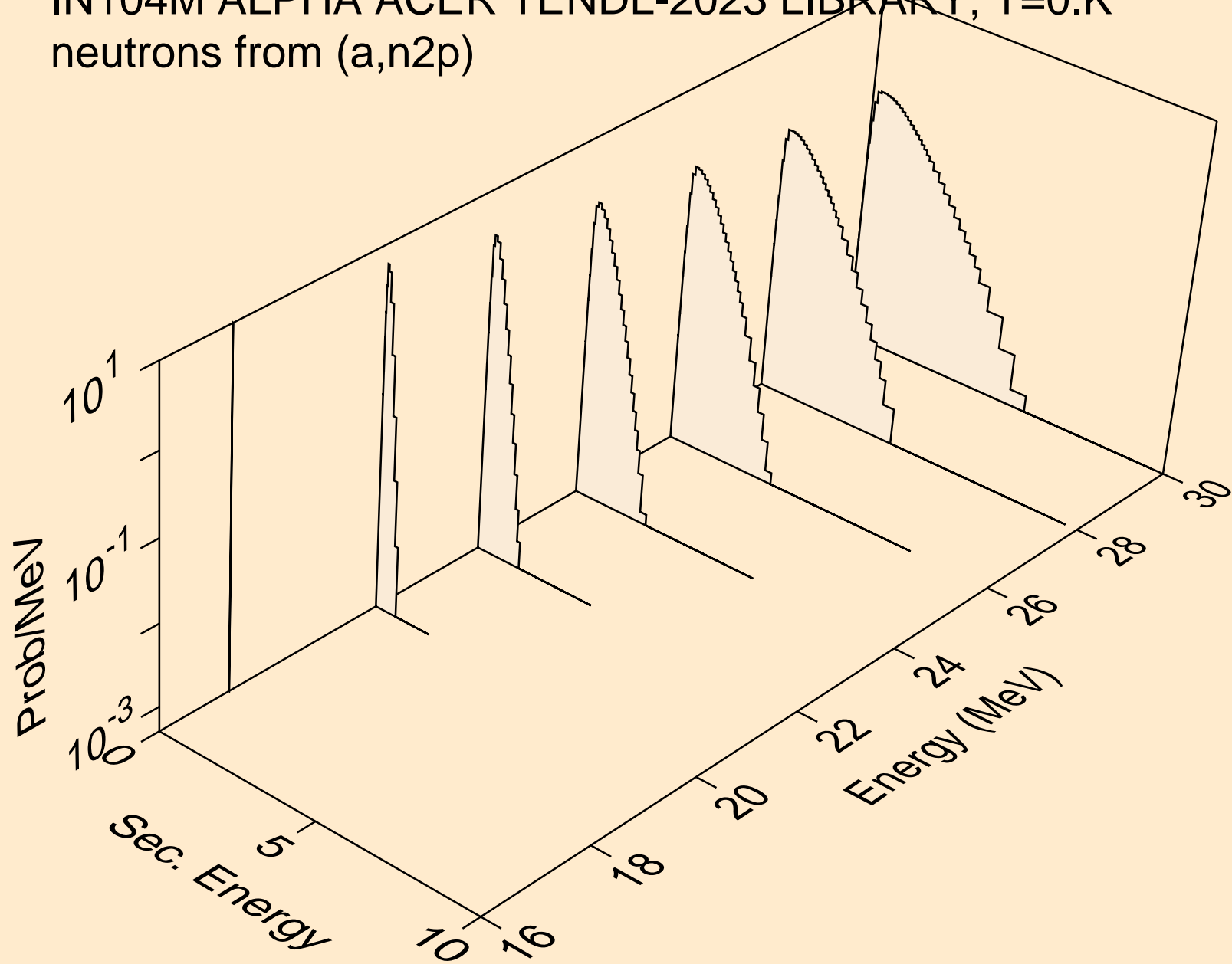
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

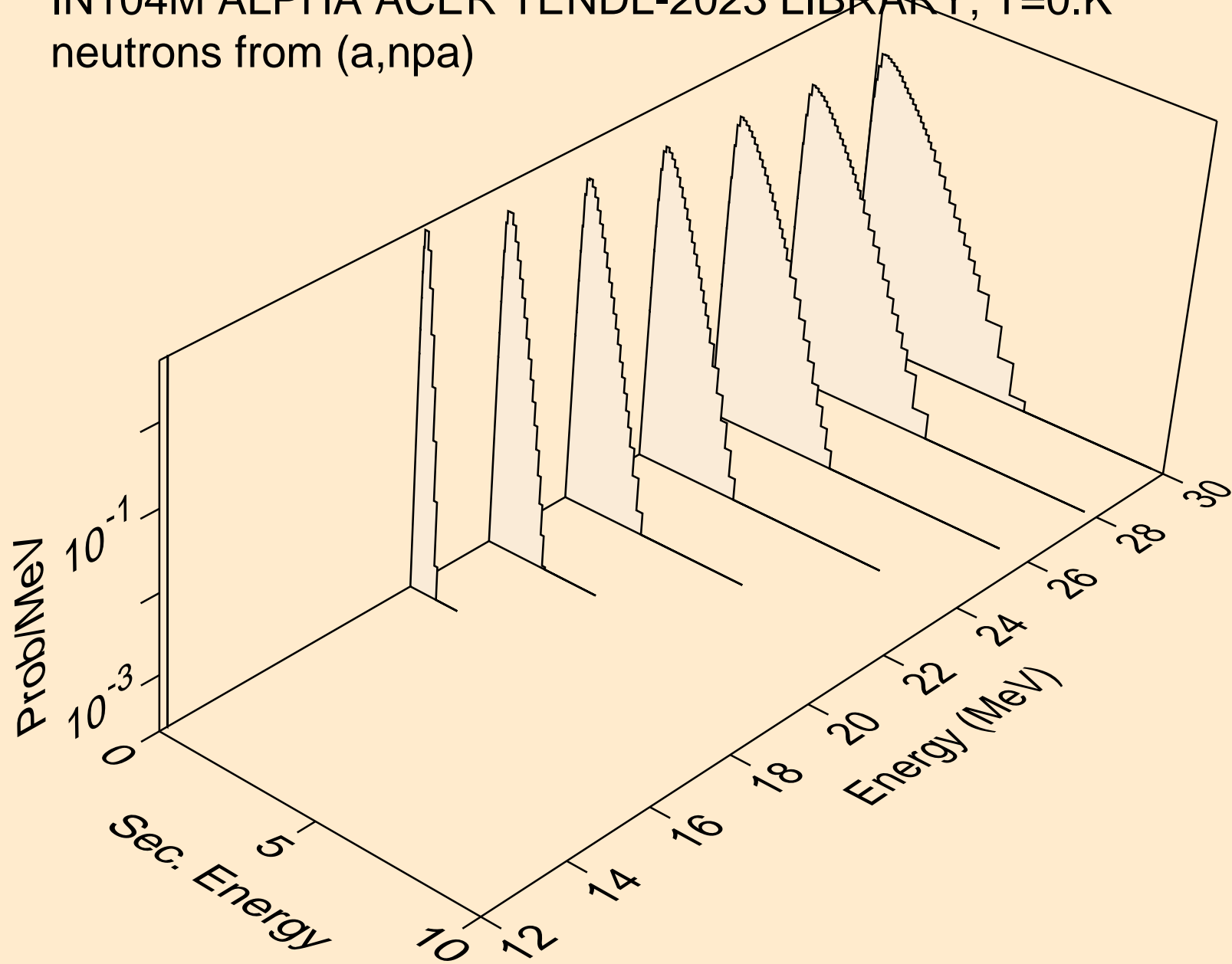


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neutrons from (a,n2p)

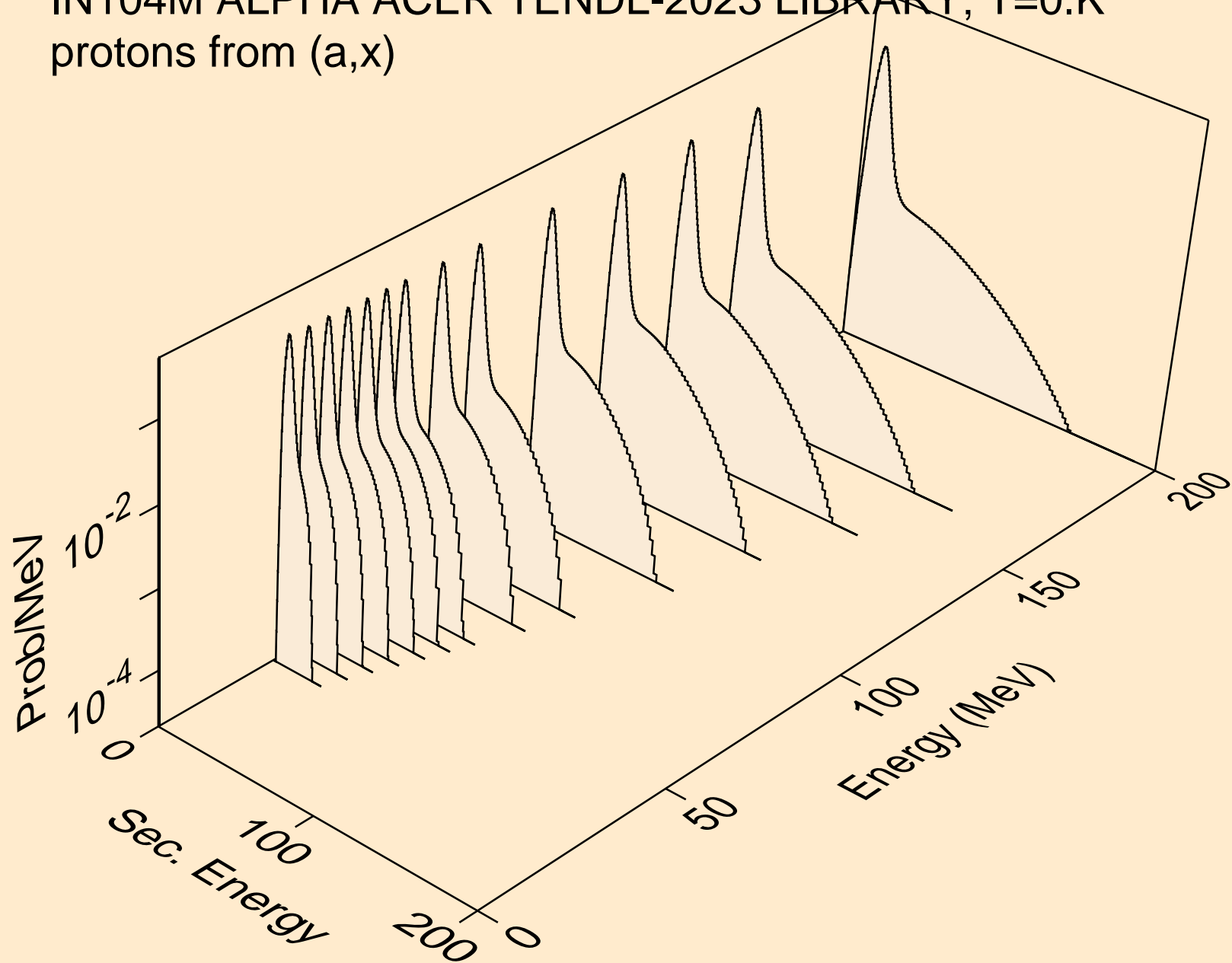




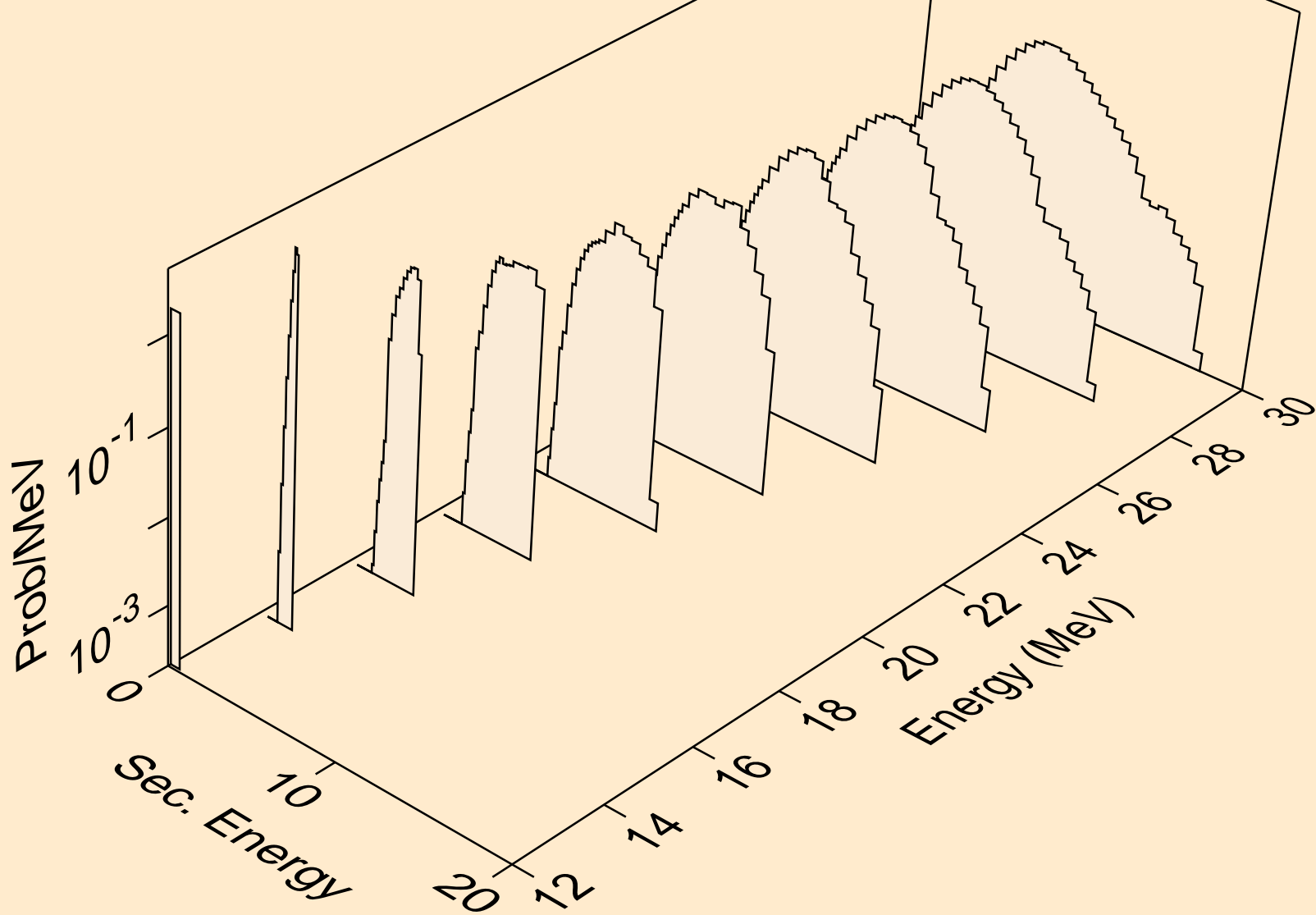
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neutrons from (a,npa)



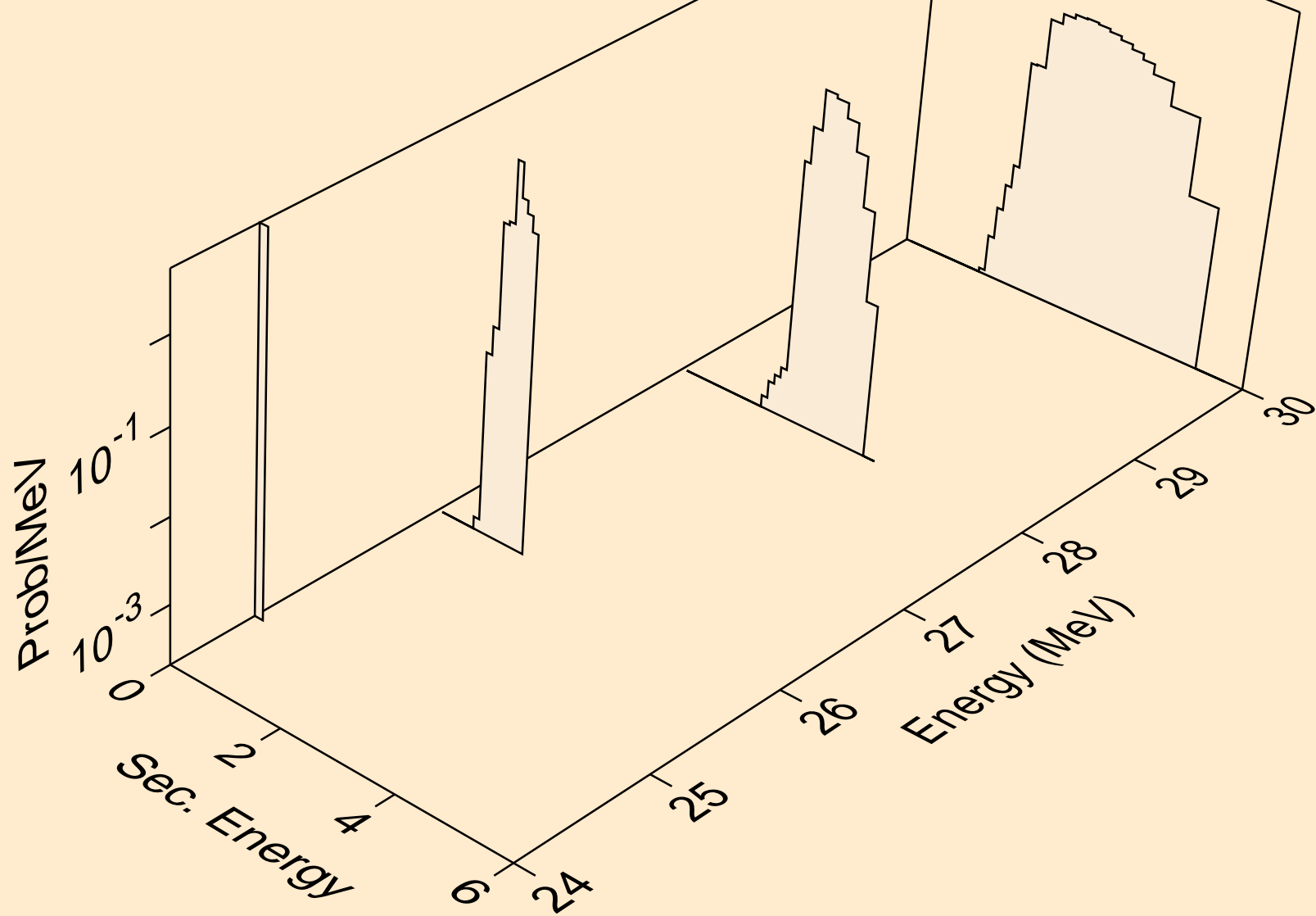
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protons from (a,x)



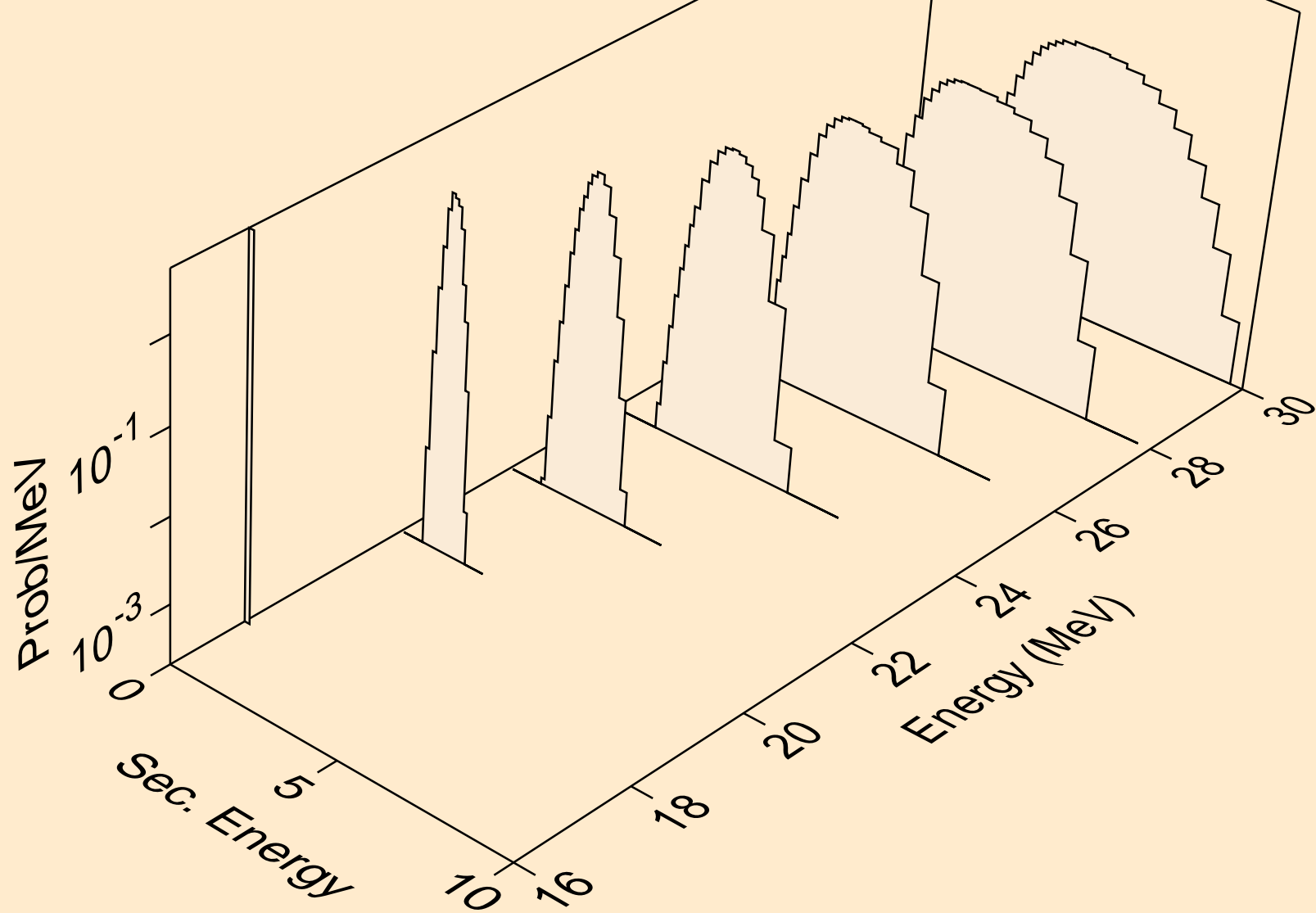
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protons from (a,n\*)p



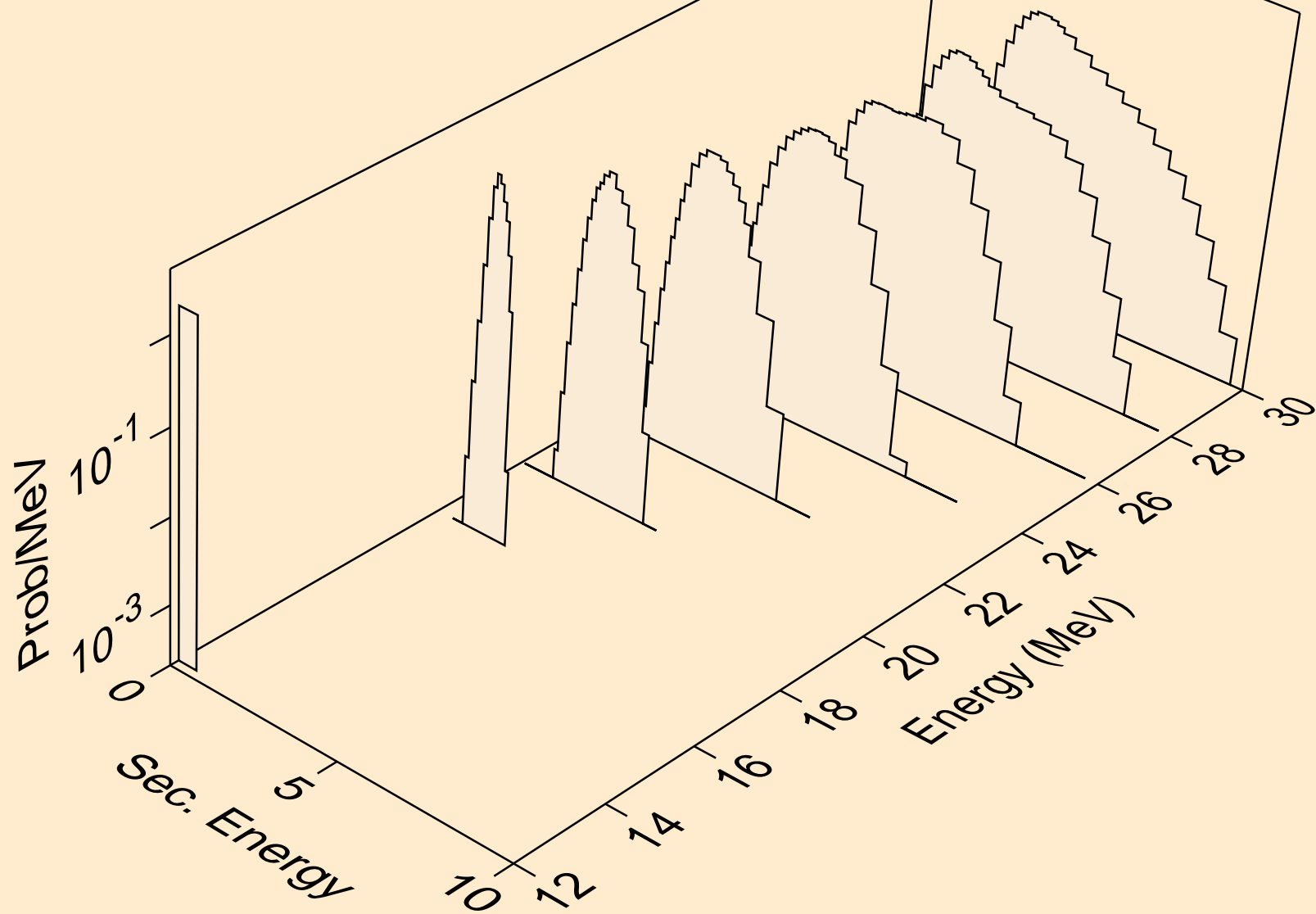
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protons from (a,2np)



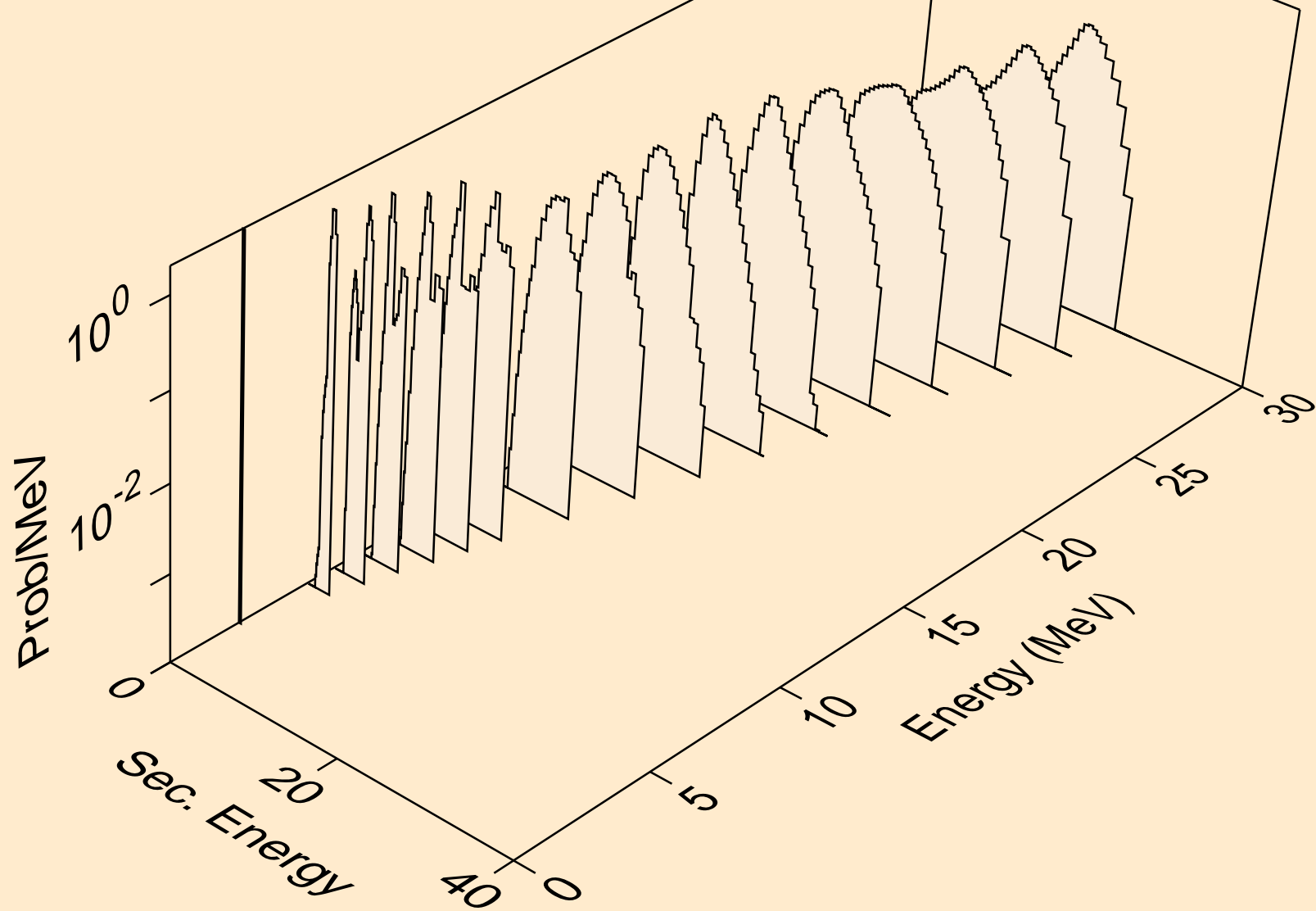
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protons from (a,n2p)



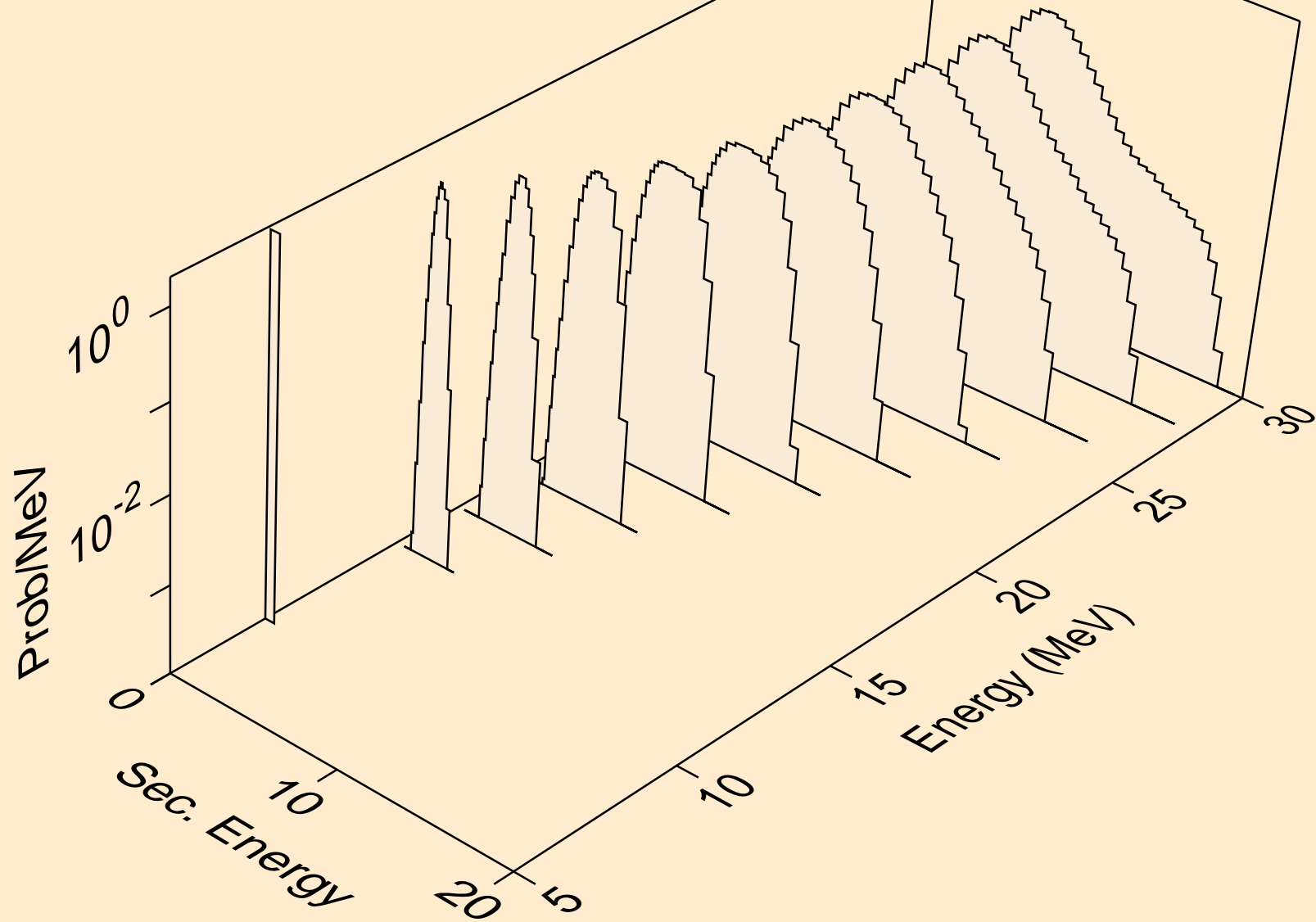
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protons from (a,npa)



IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)

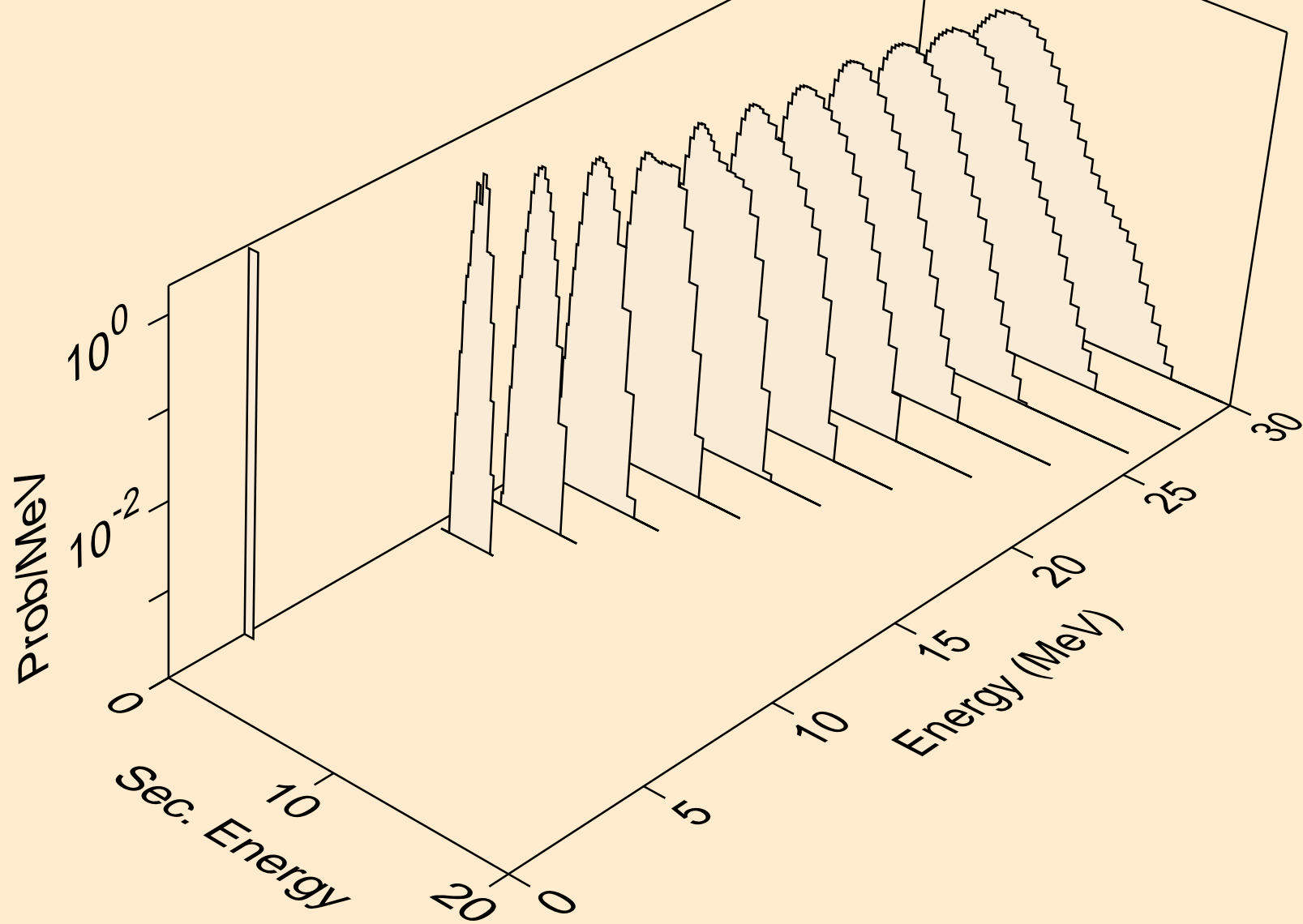


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protons from (a,2p)

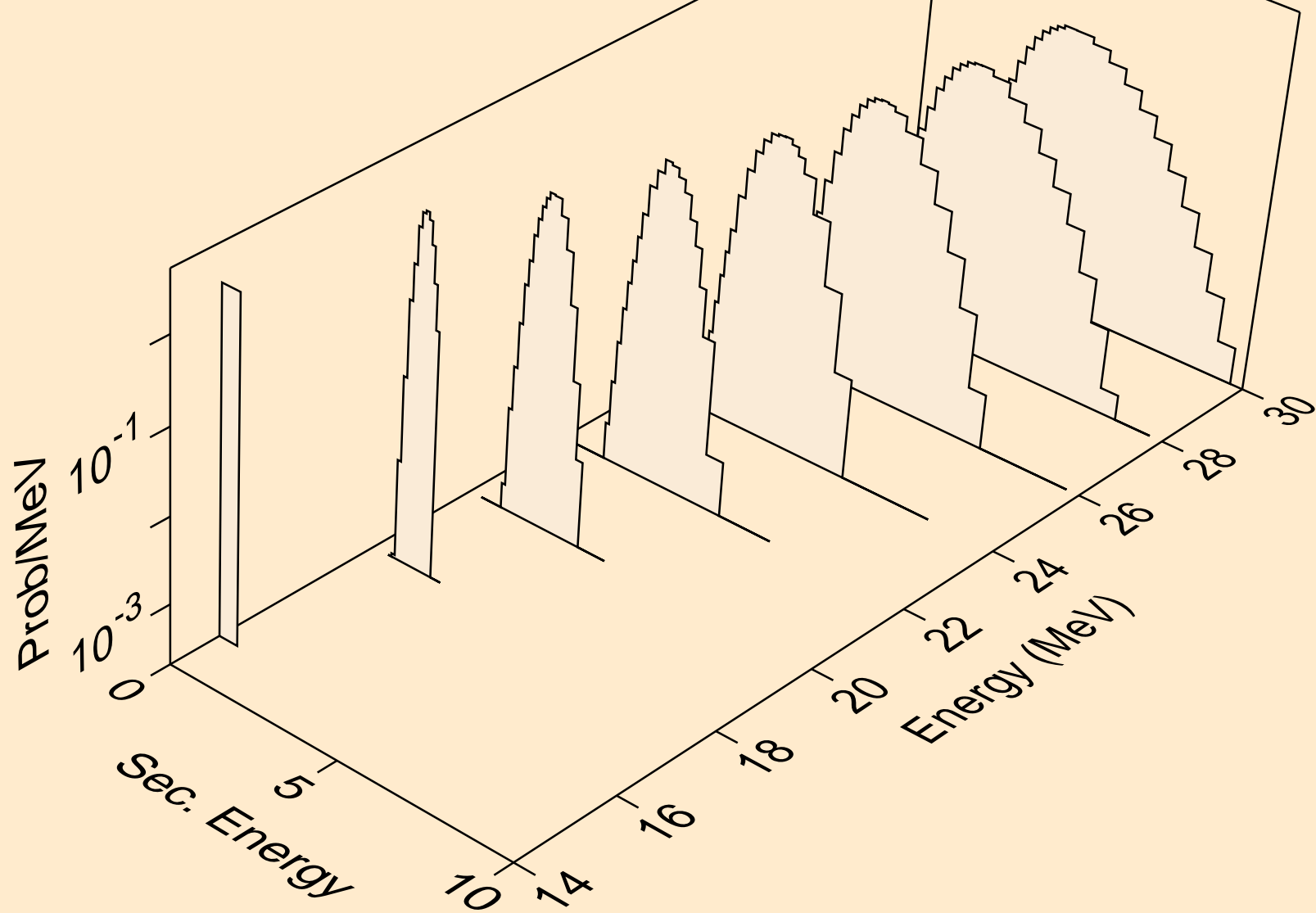




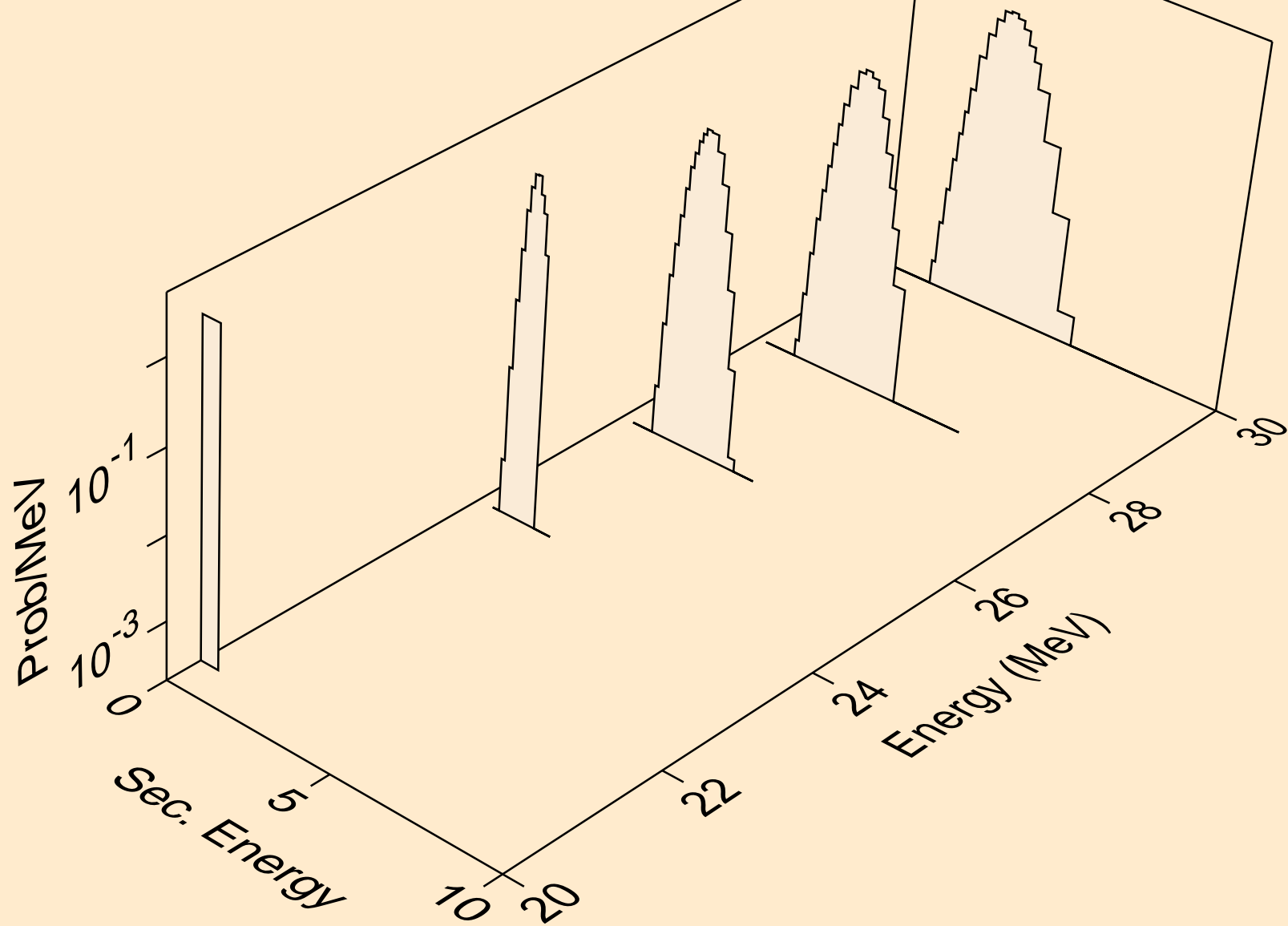
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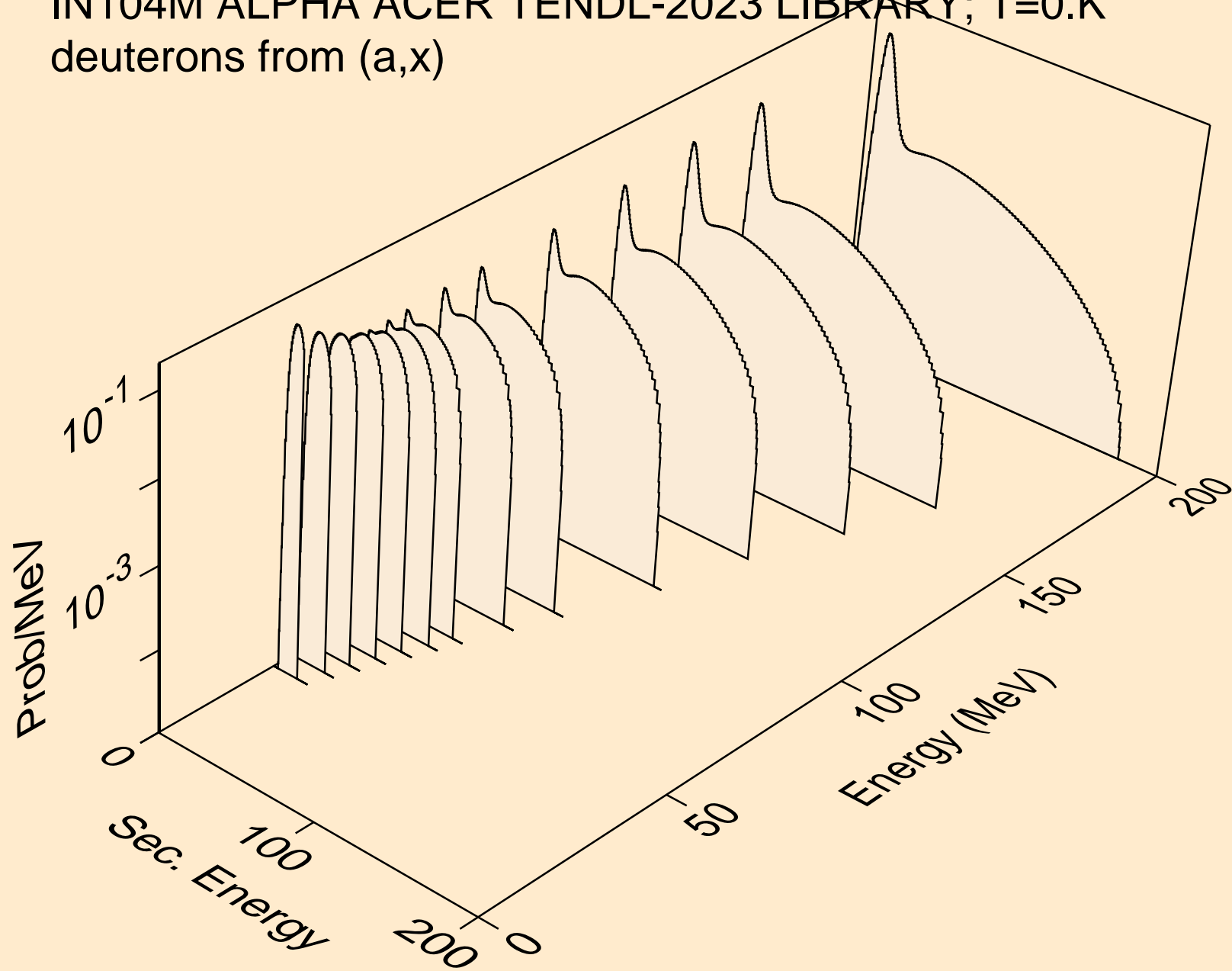
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protons from (a,pd)



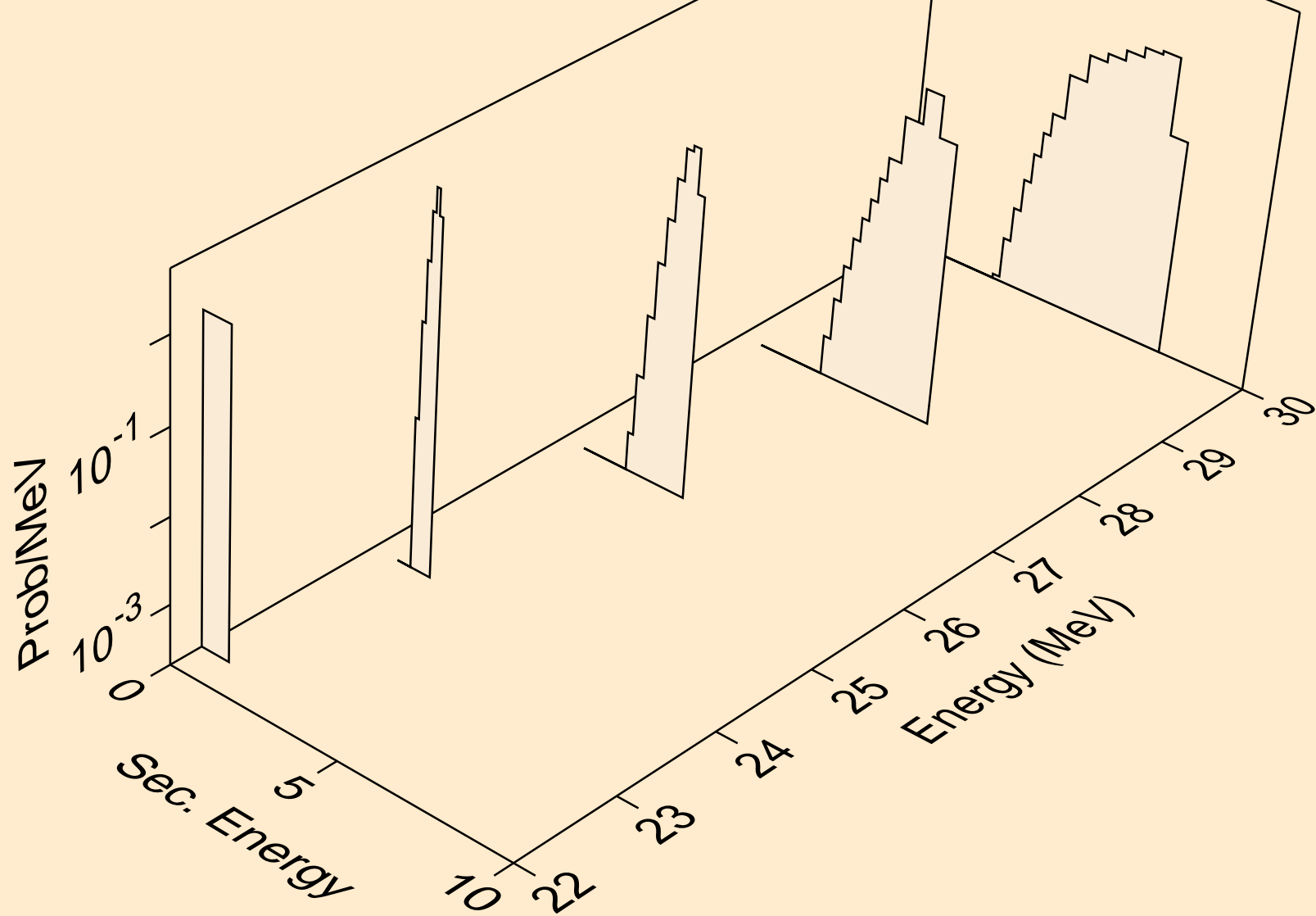
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



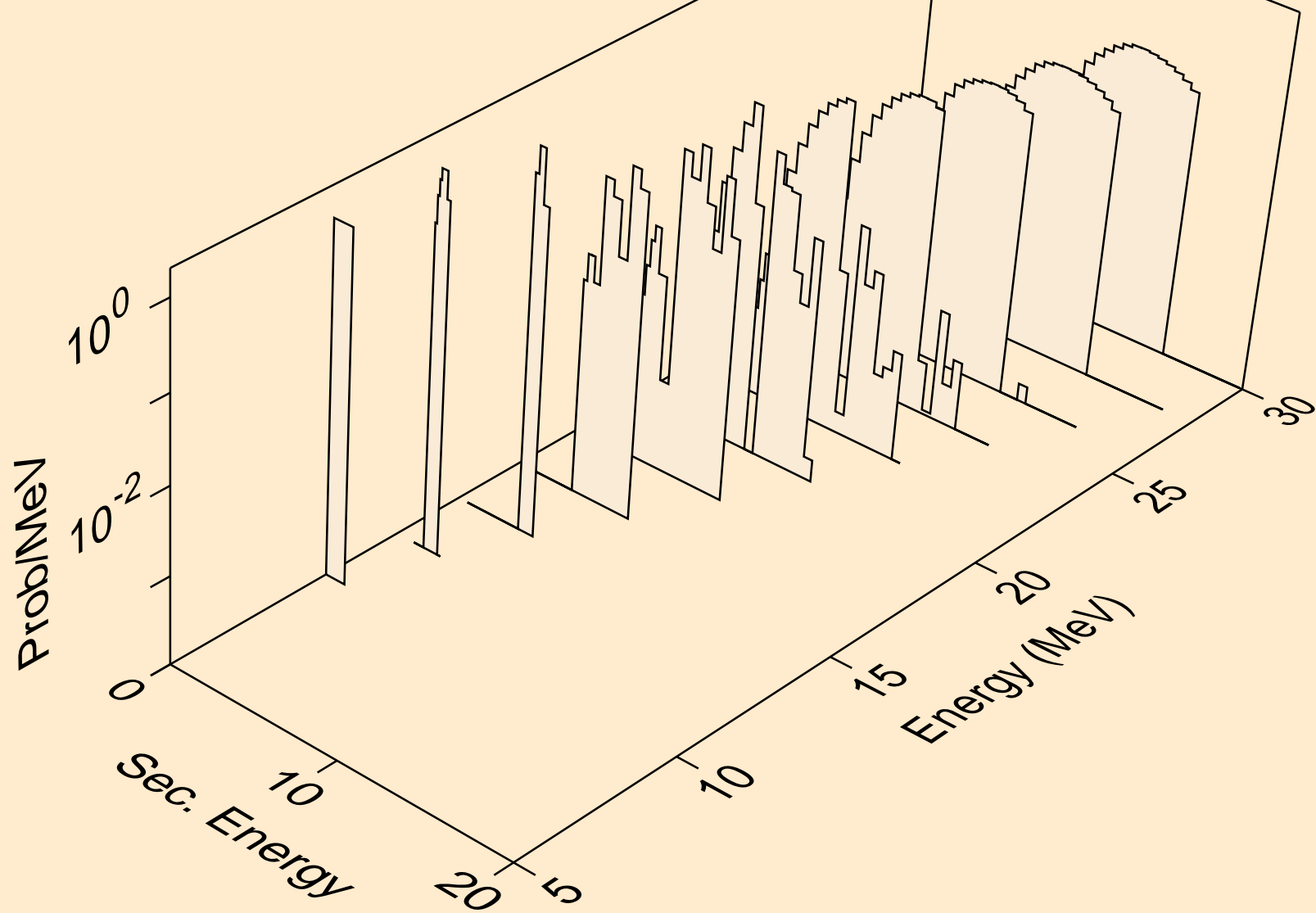
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



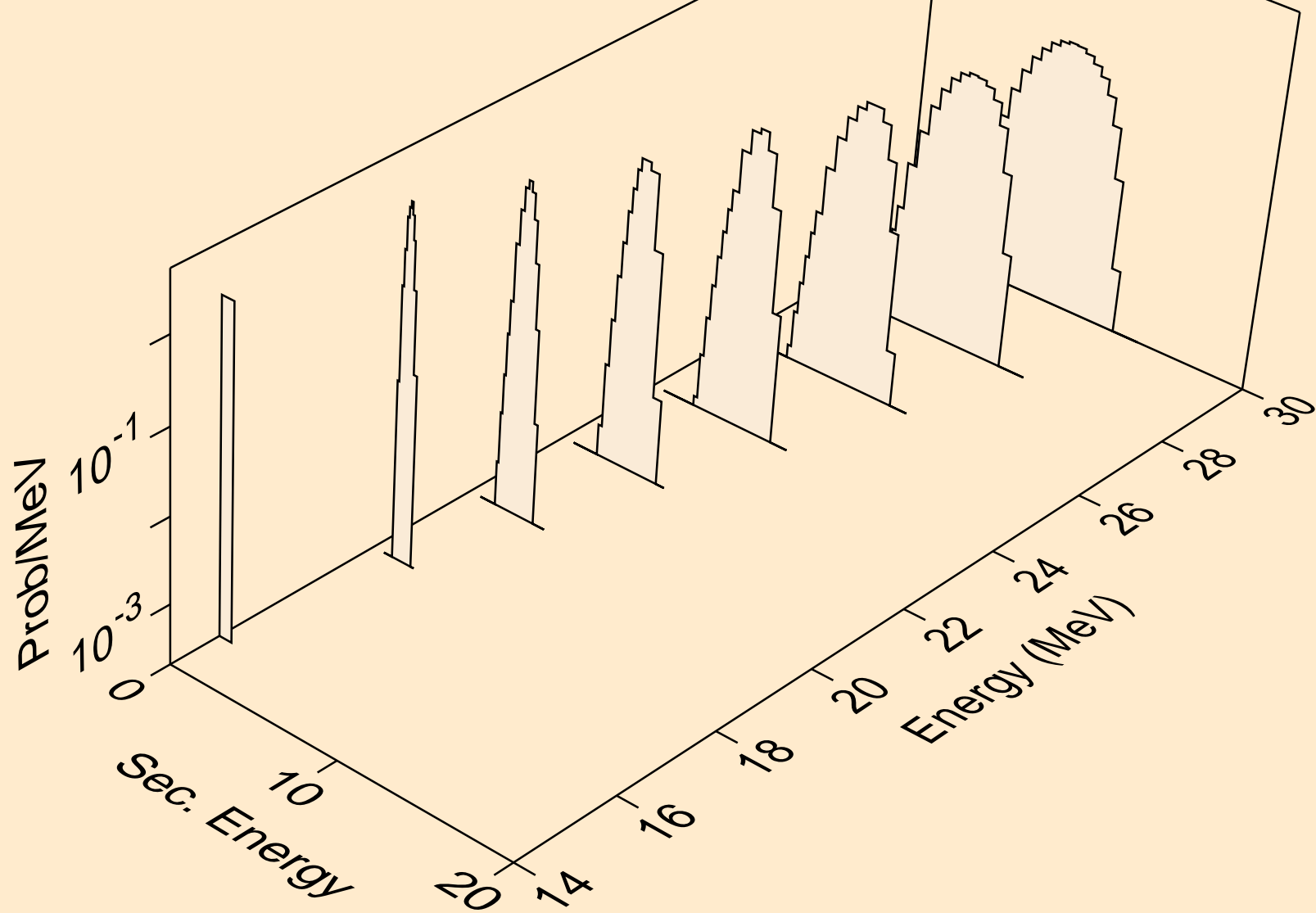
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



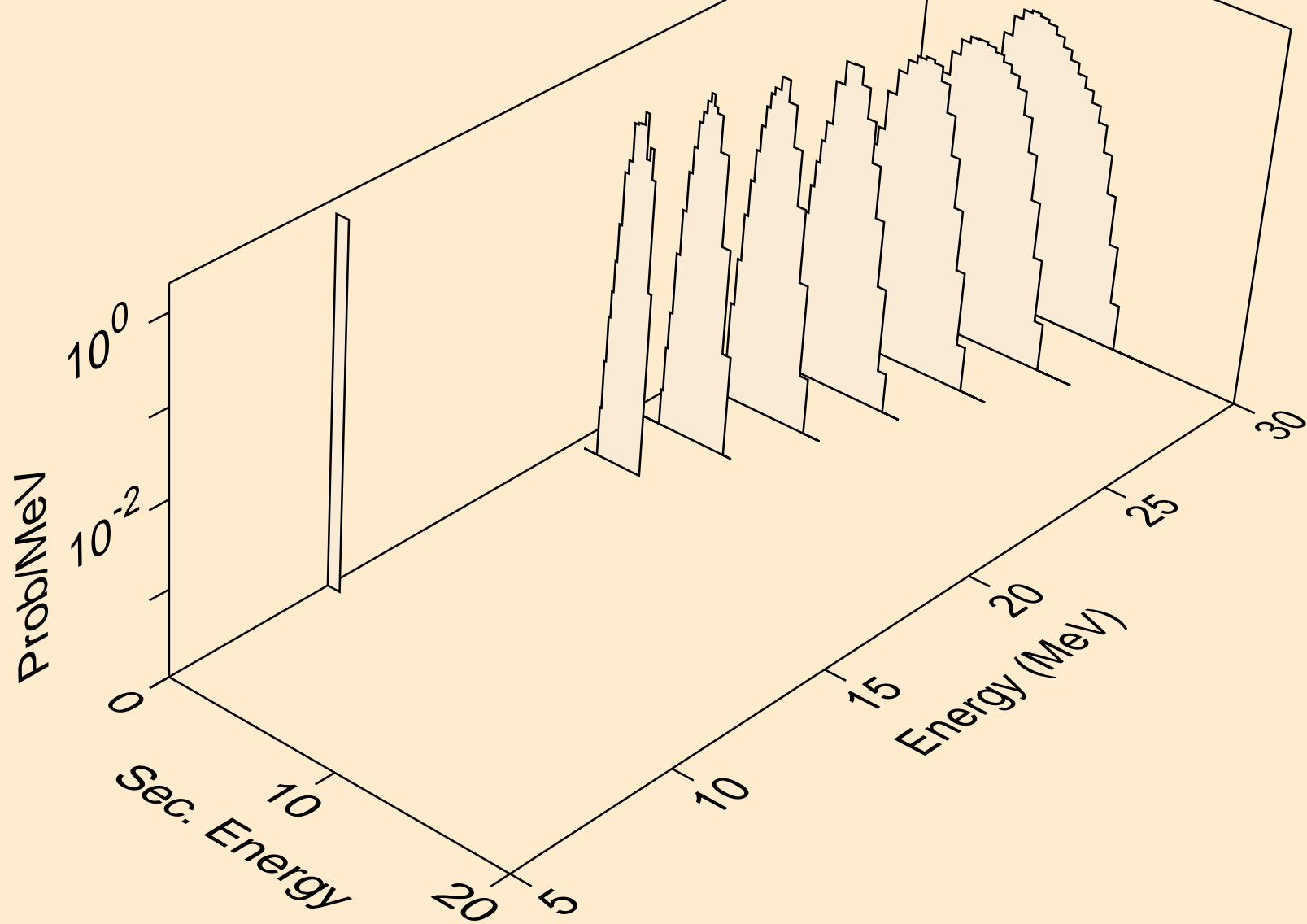
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)

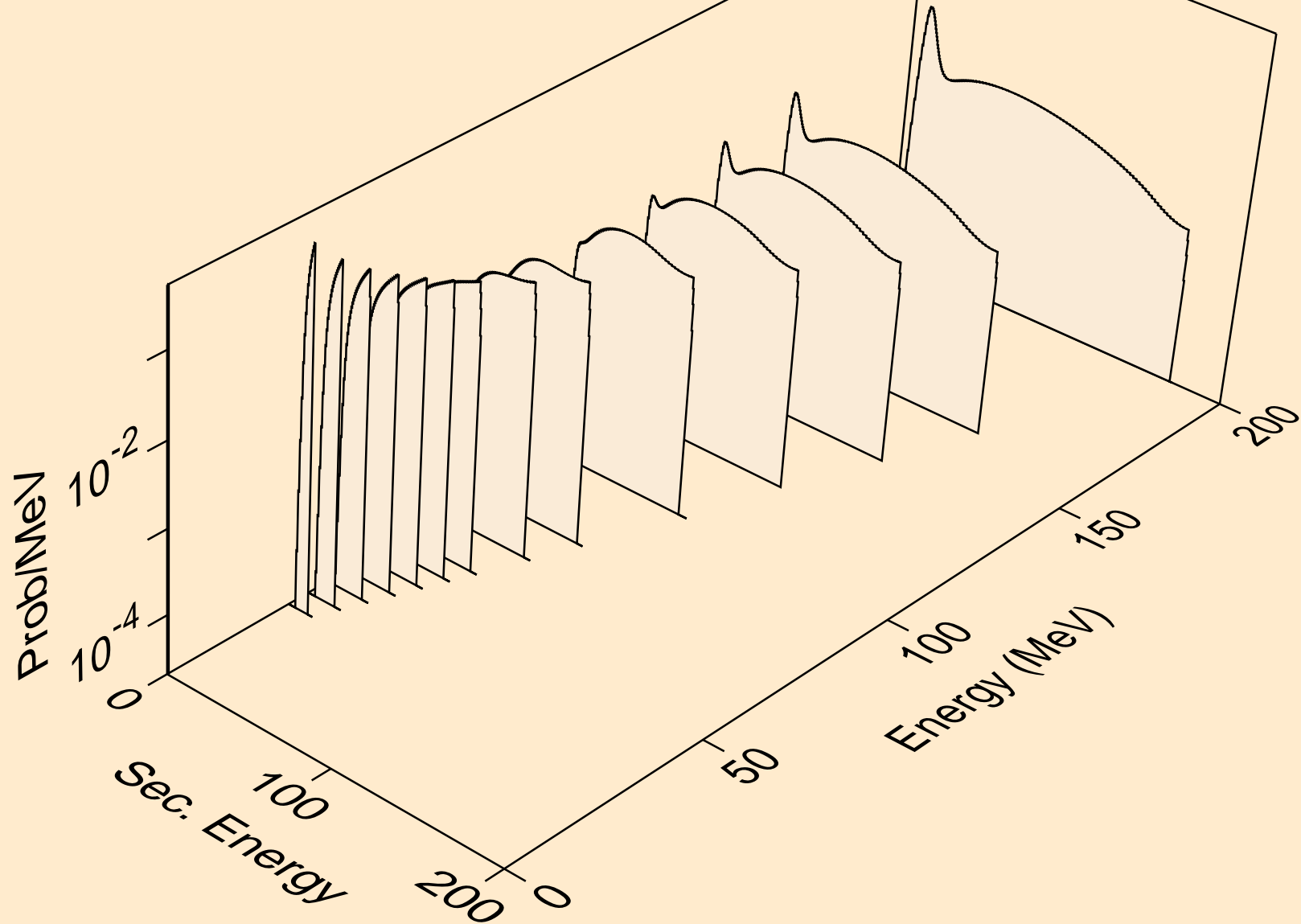


IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)

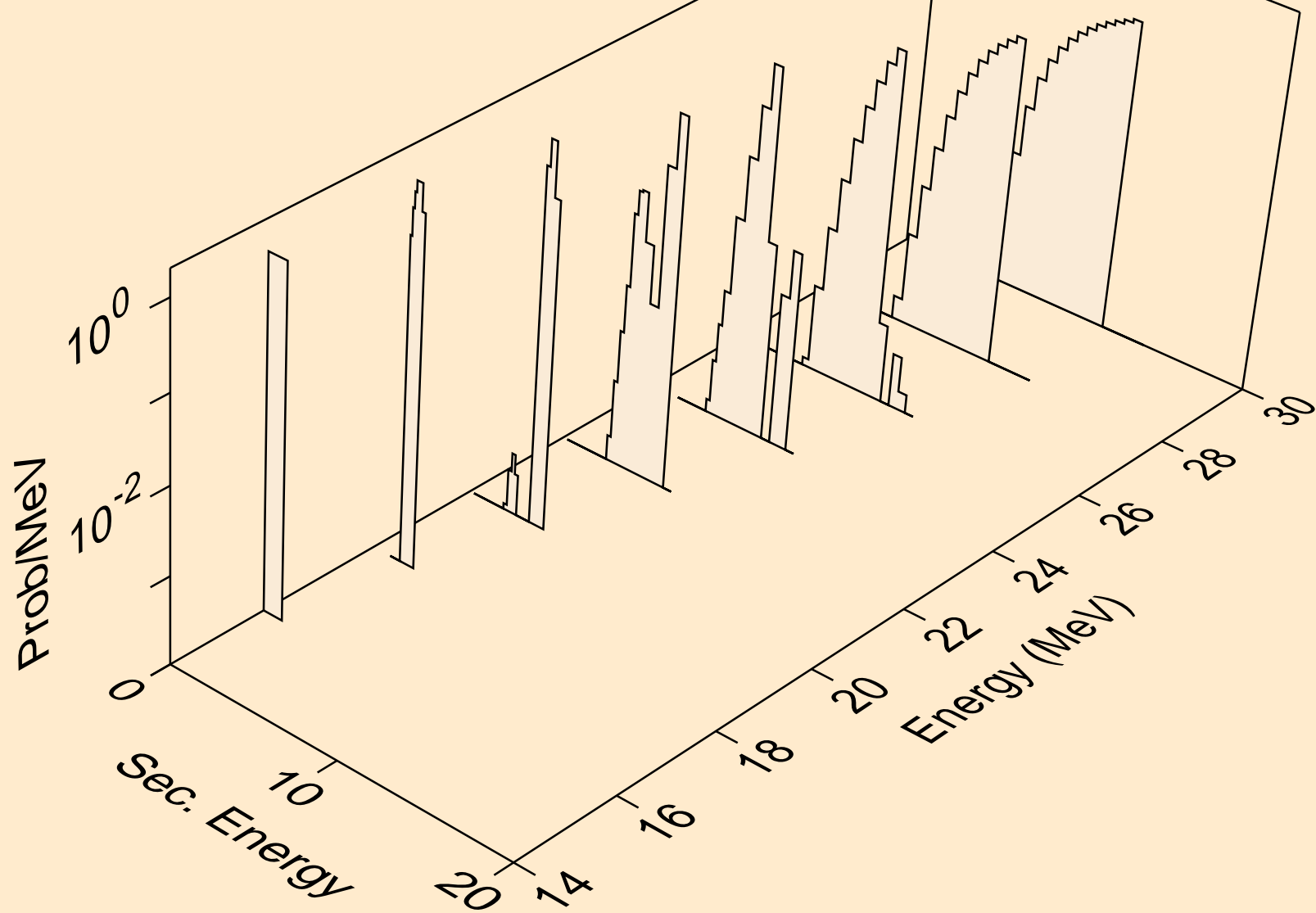




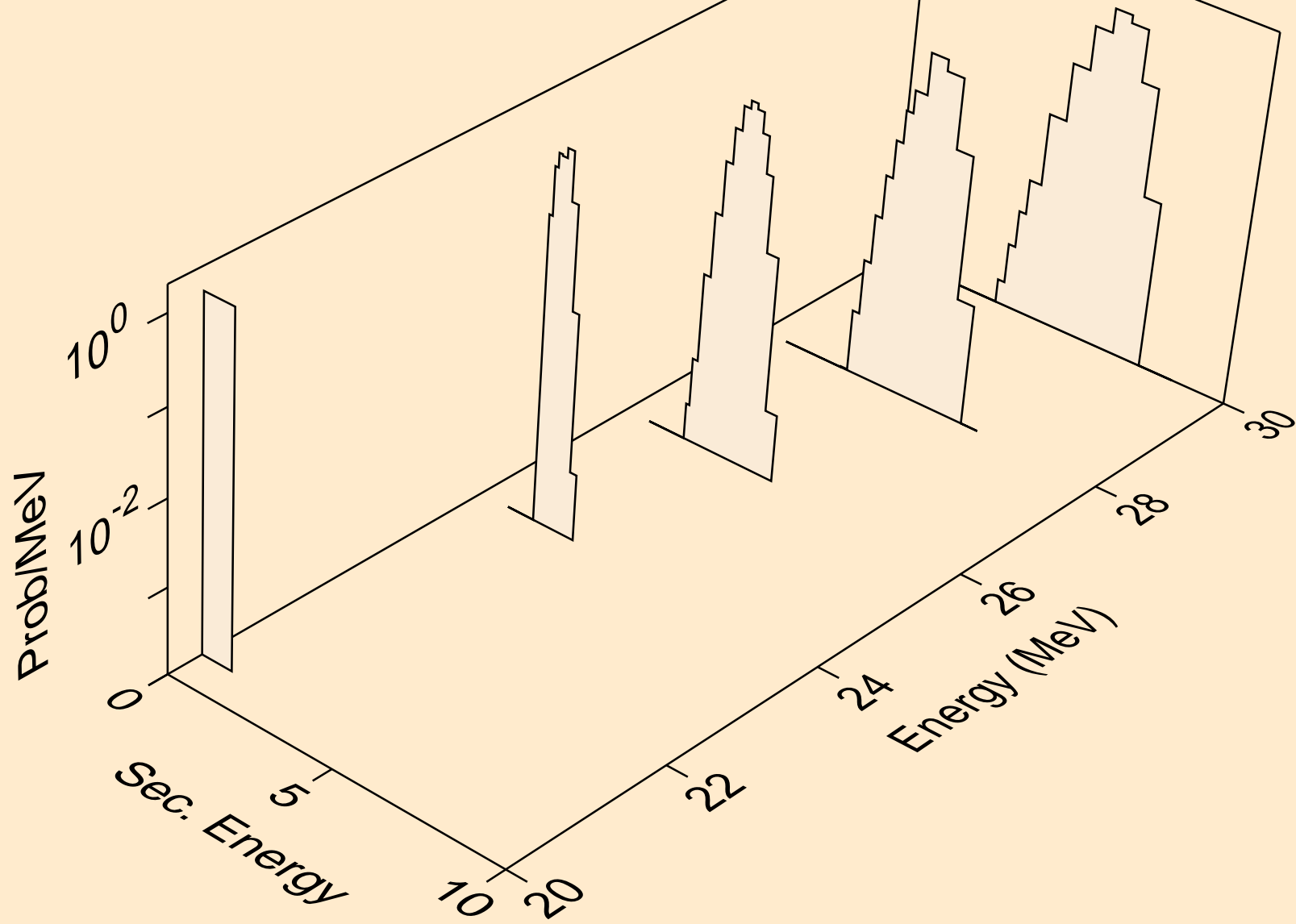
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



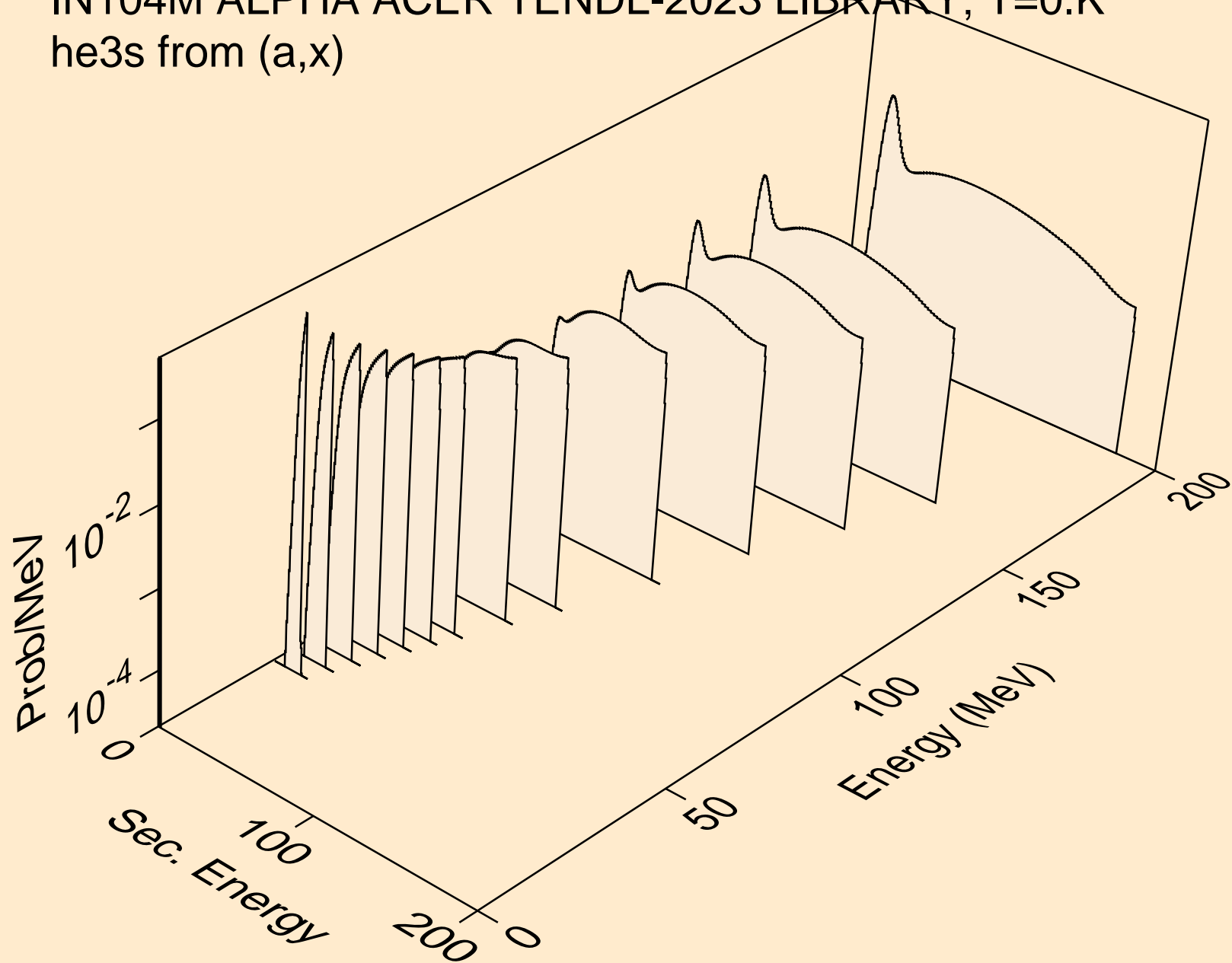
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



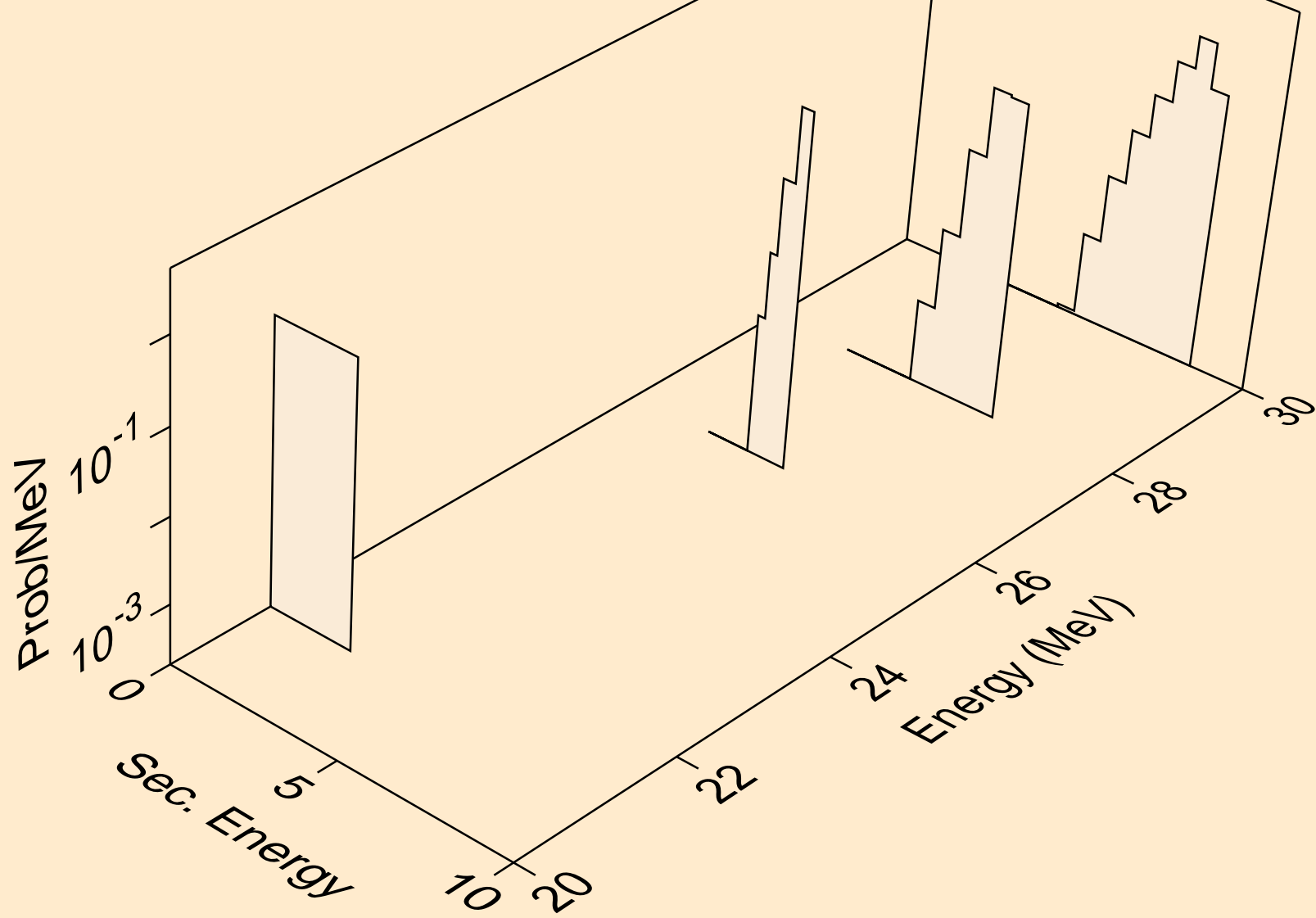
IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



IN104M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

