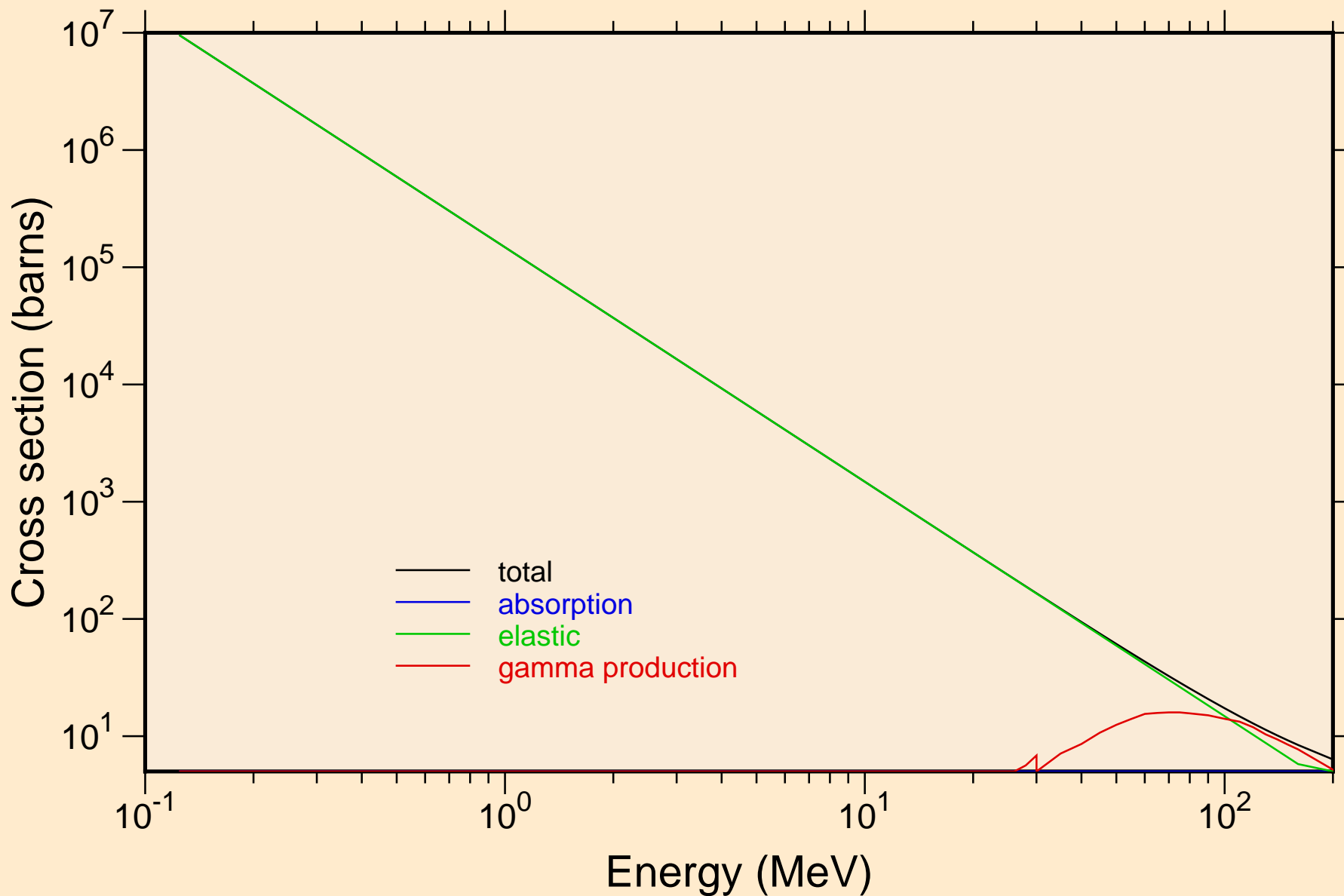


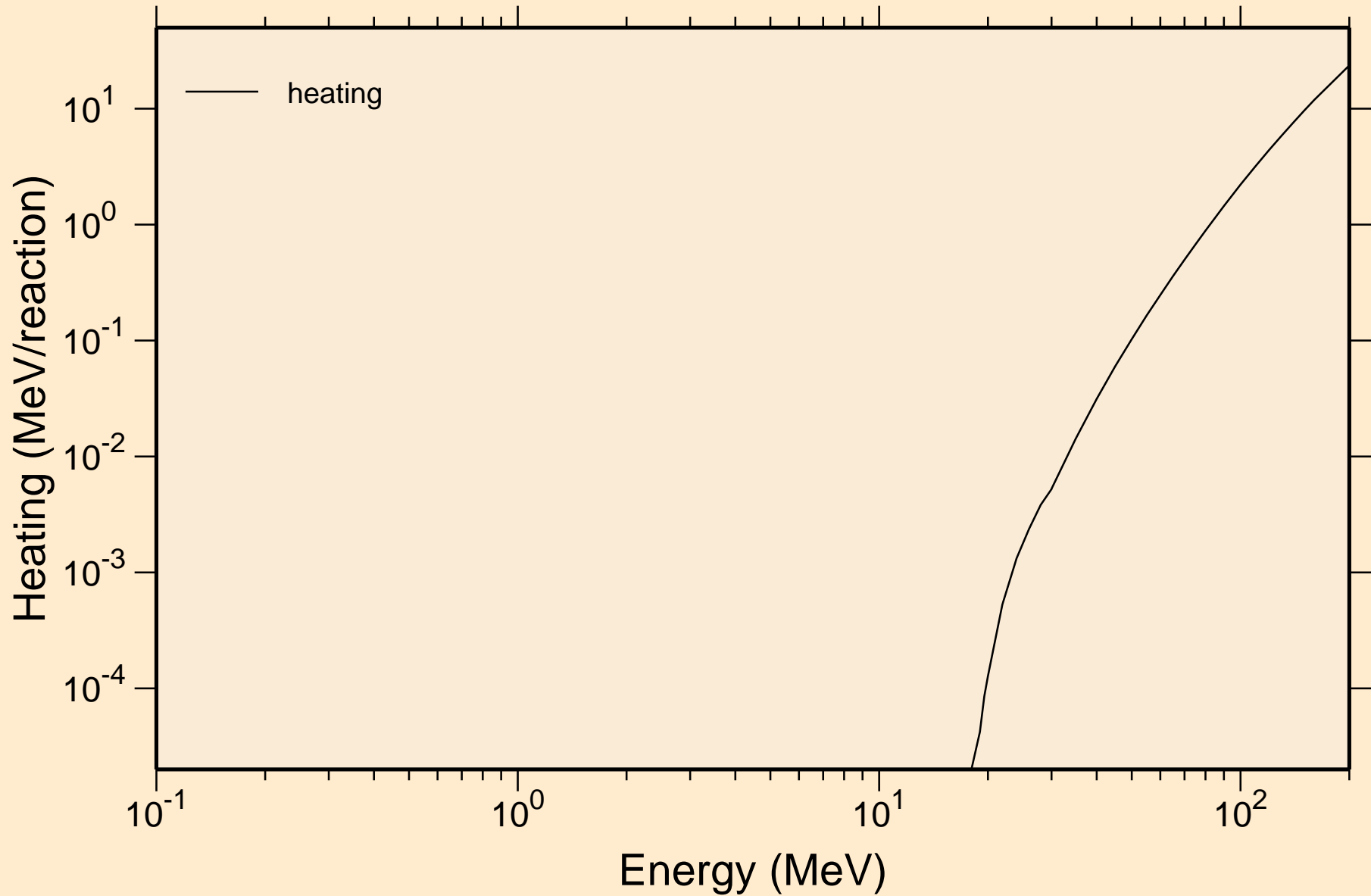
# OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



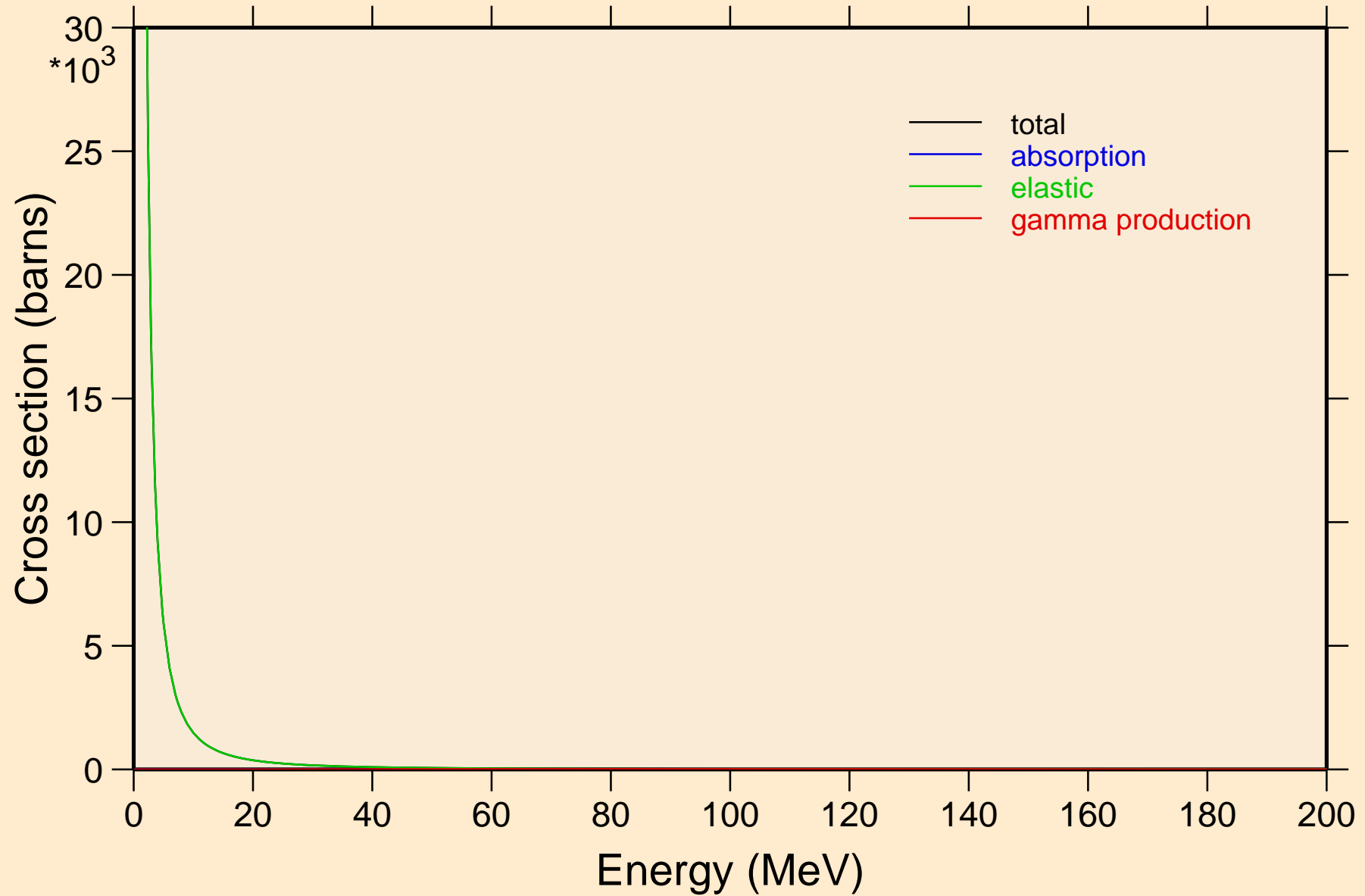
# OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



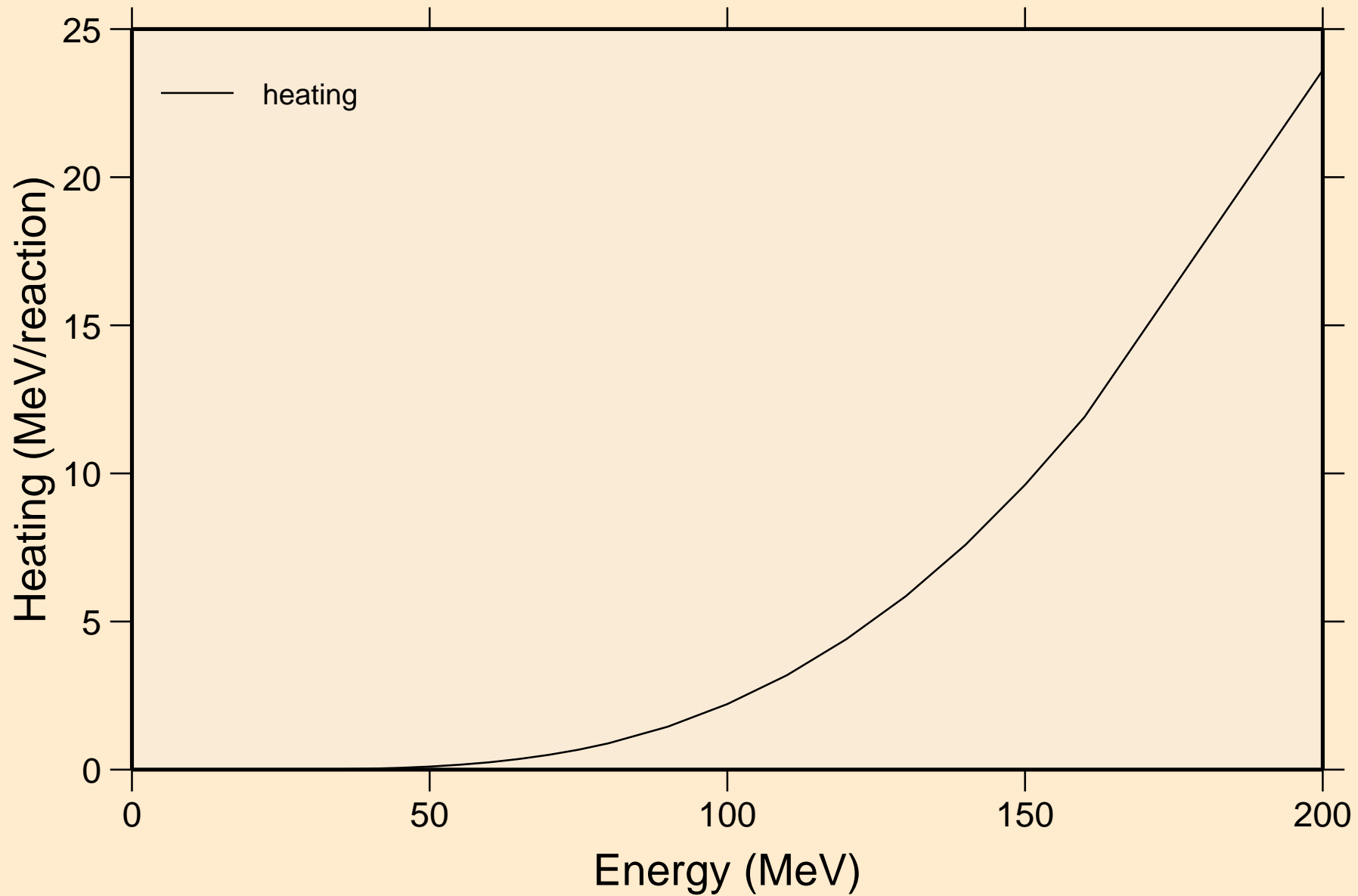
# OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

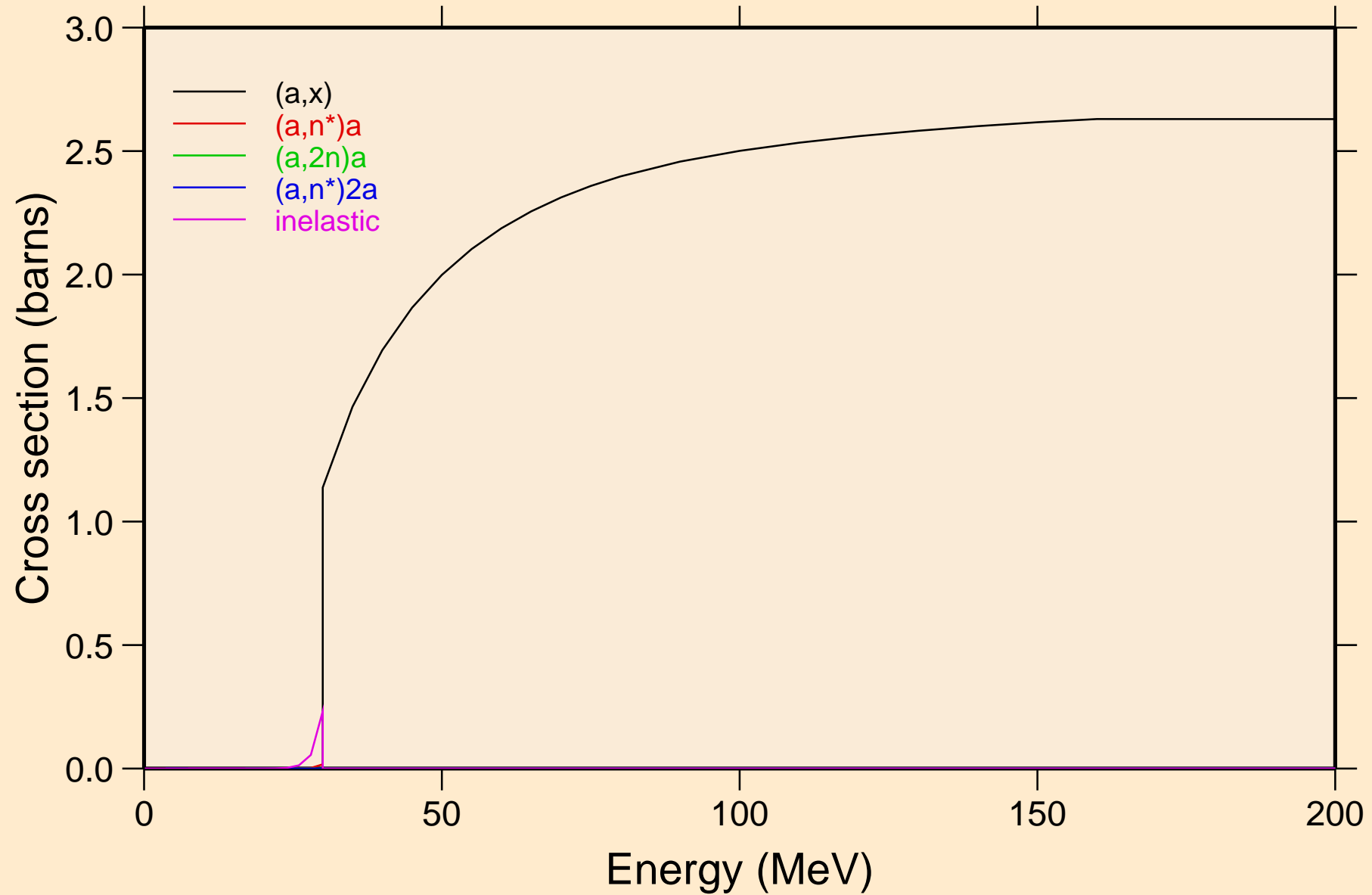


OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

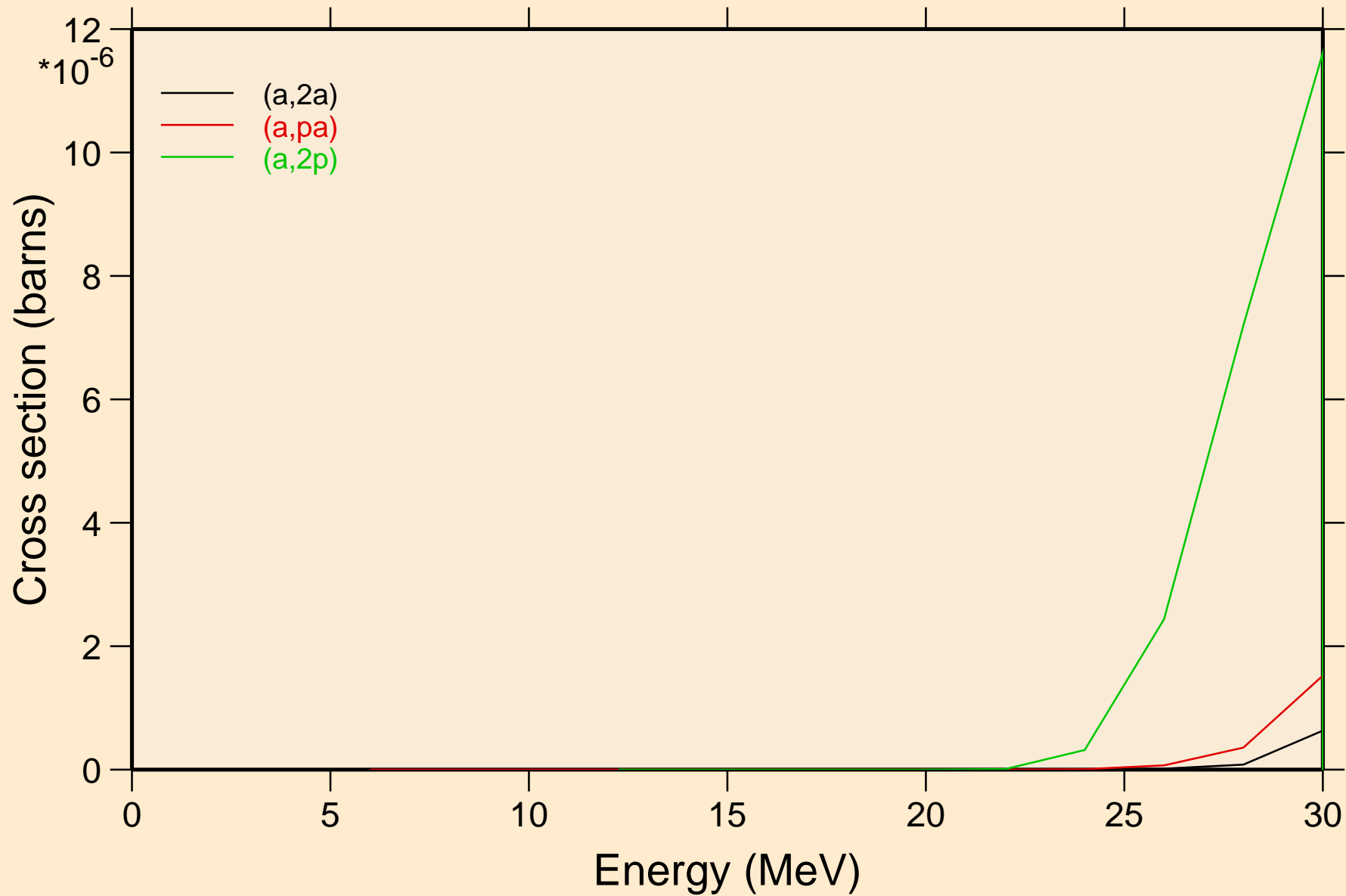
Heating



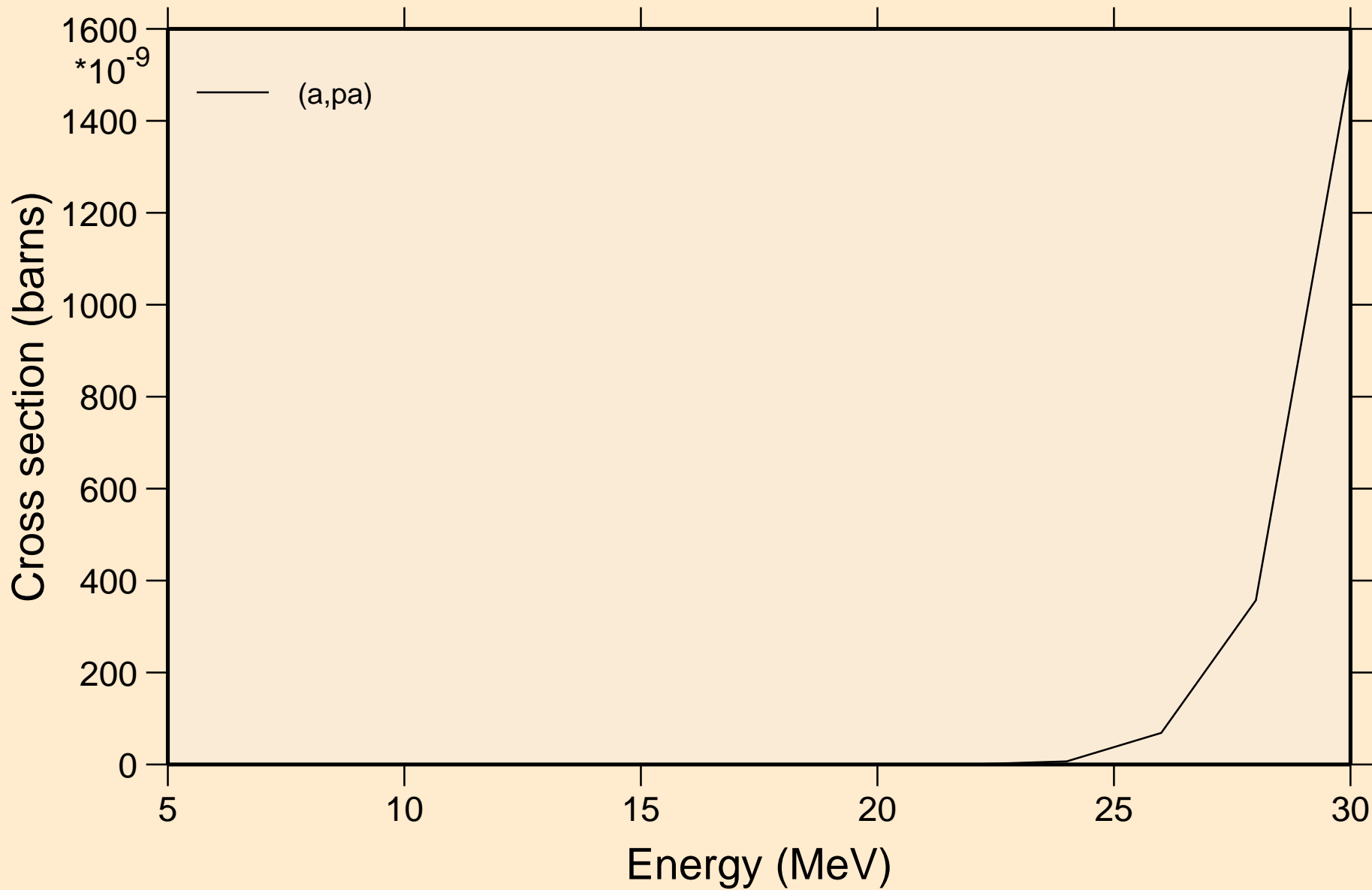
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



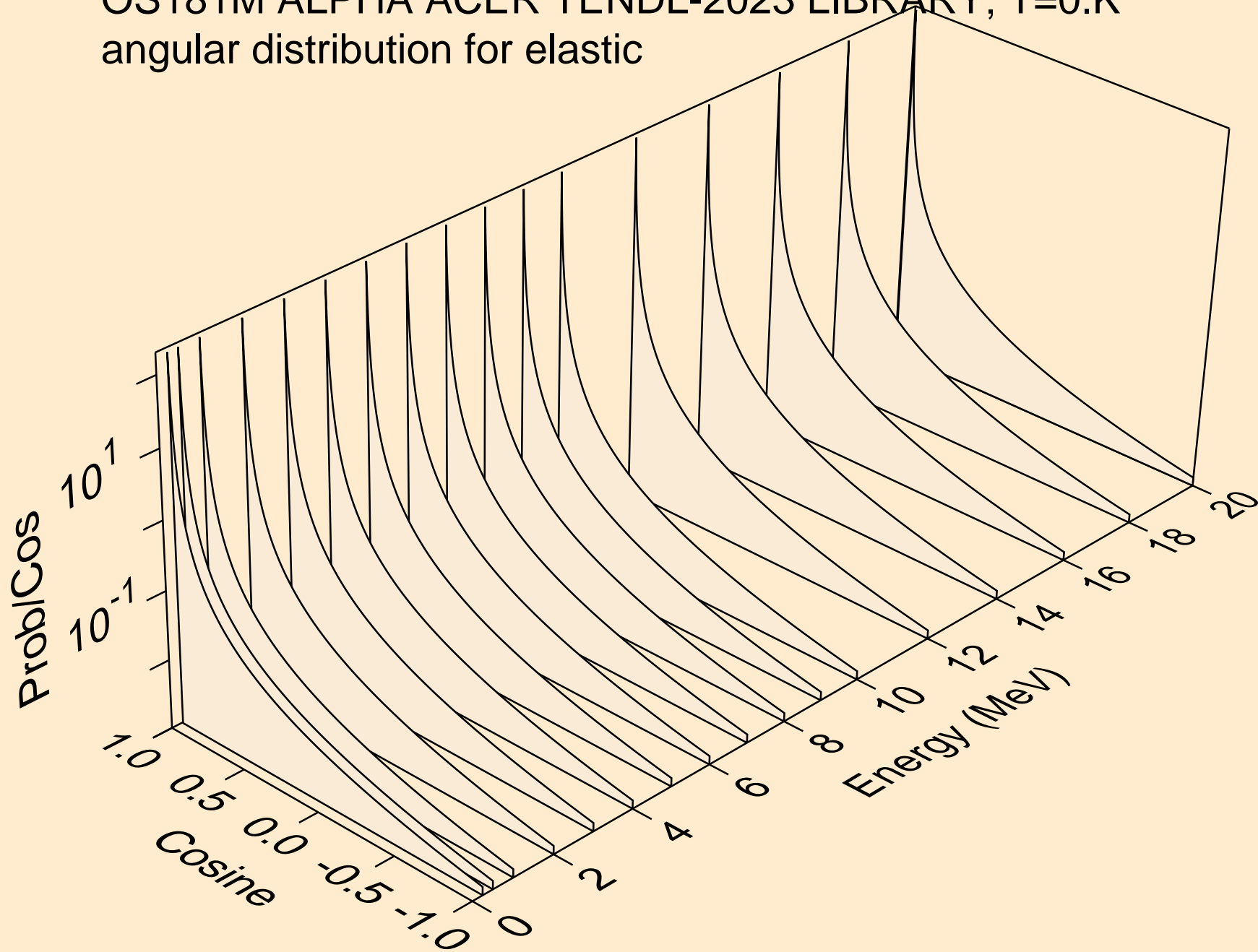
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

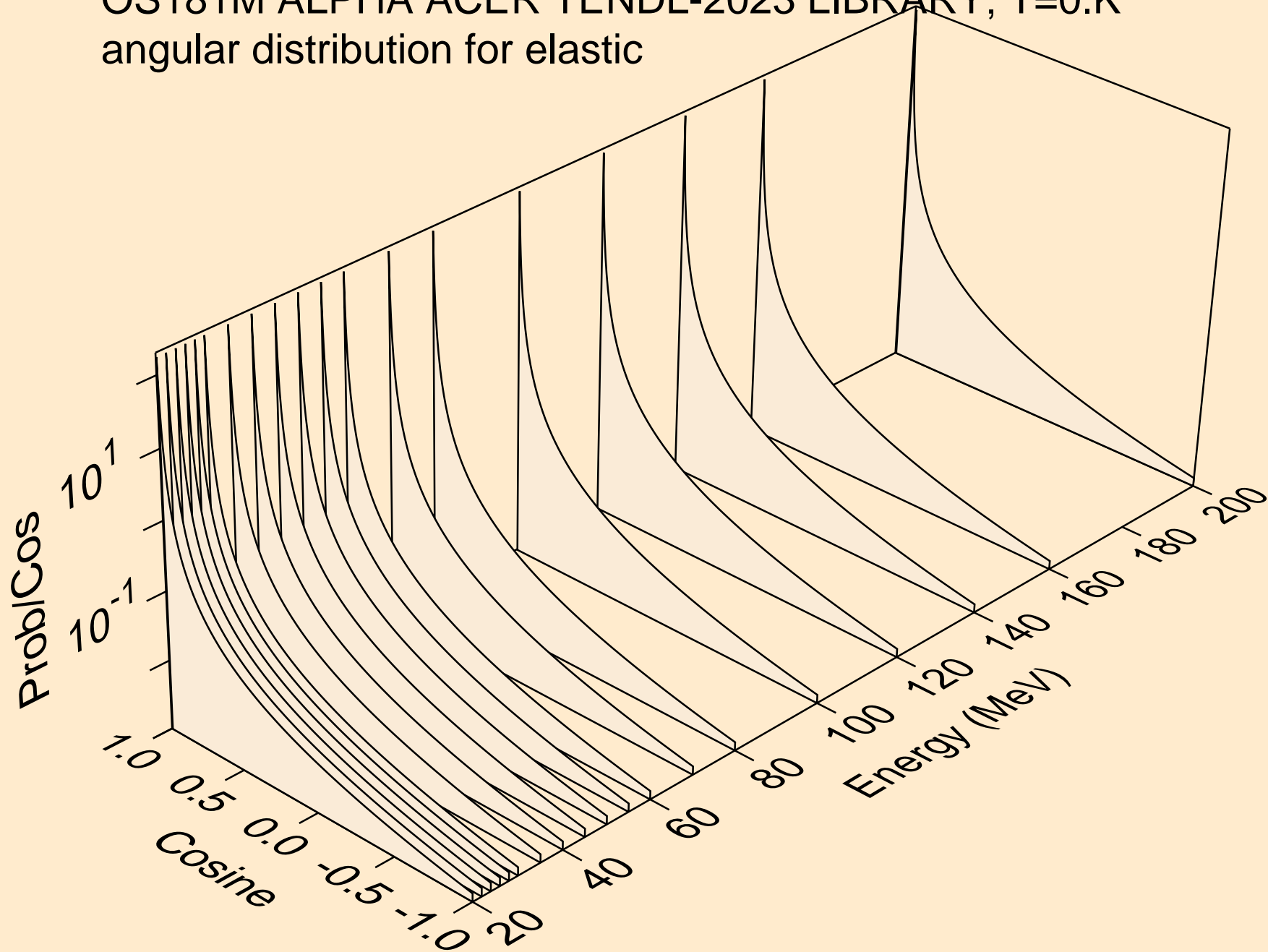


OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

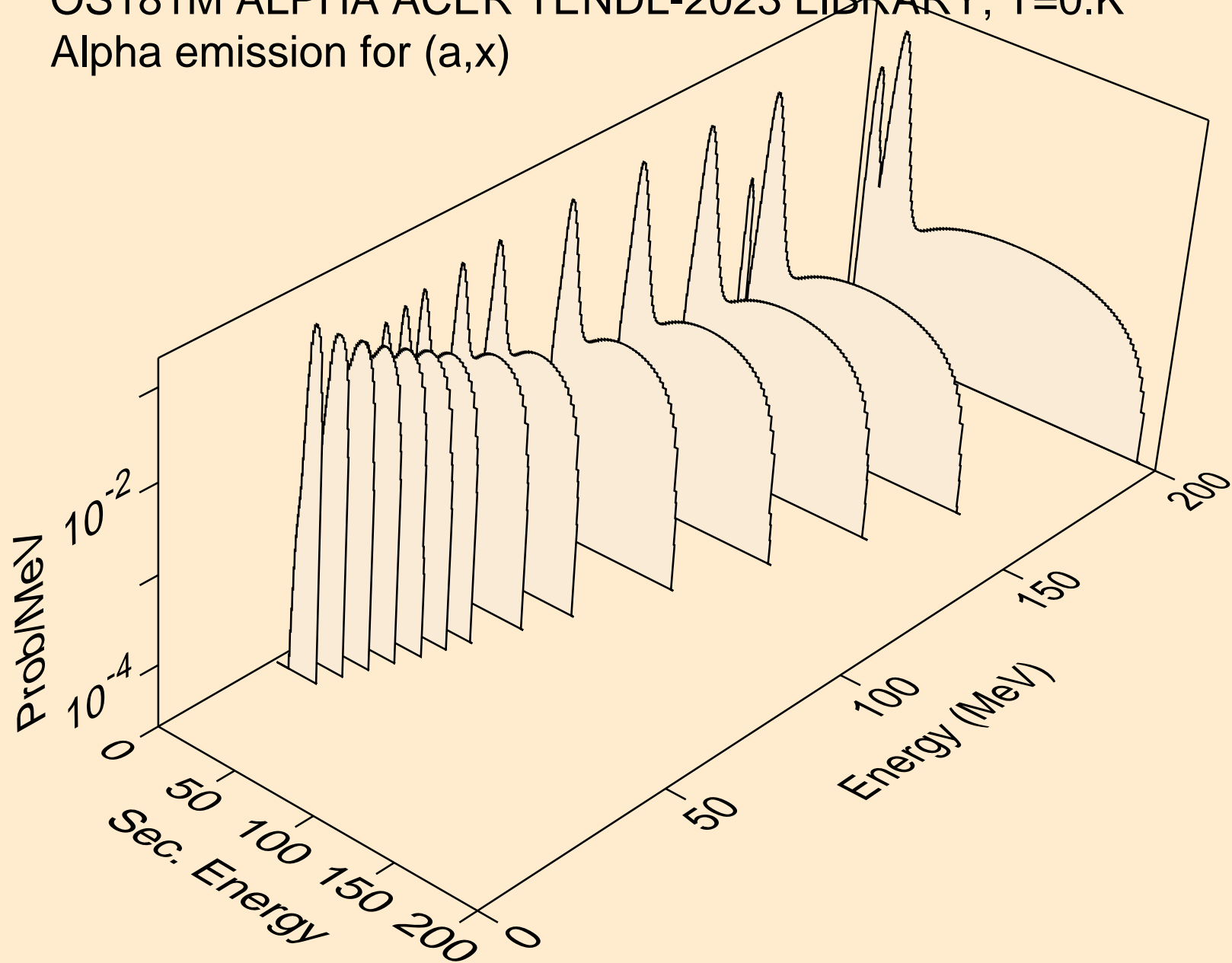




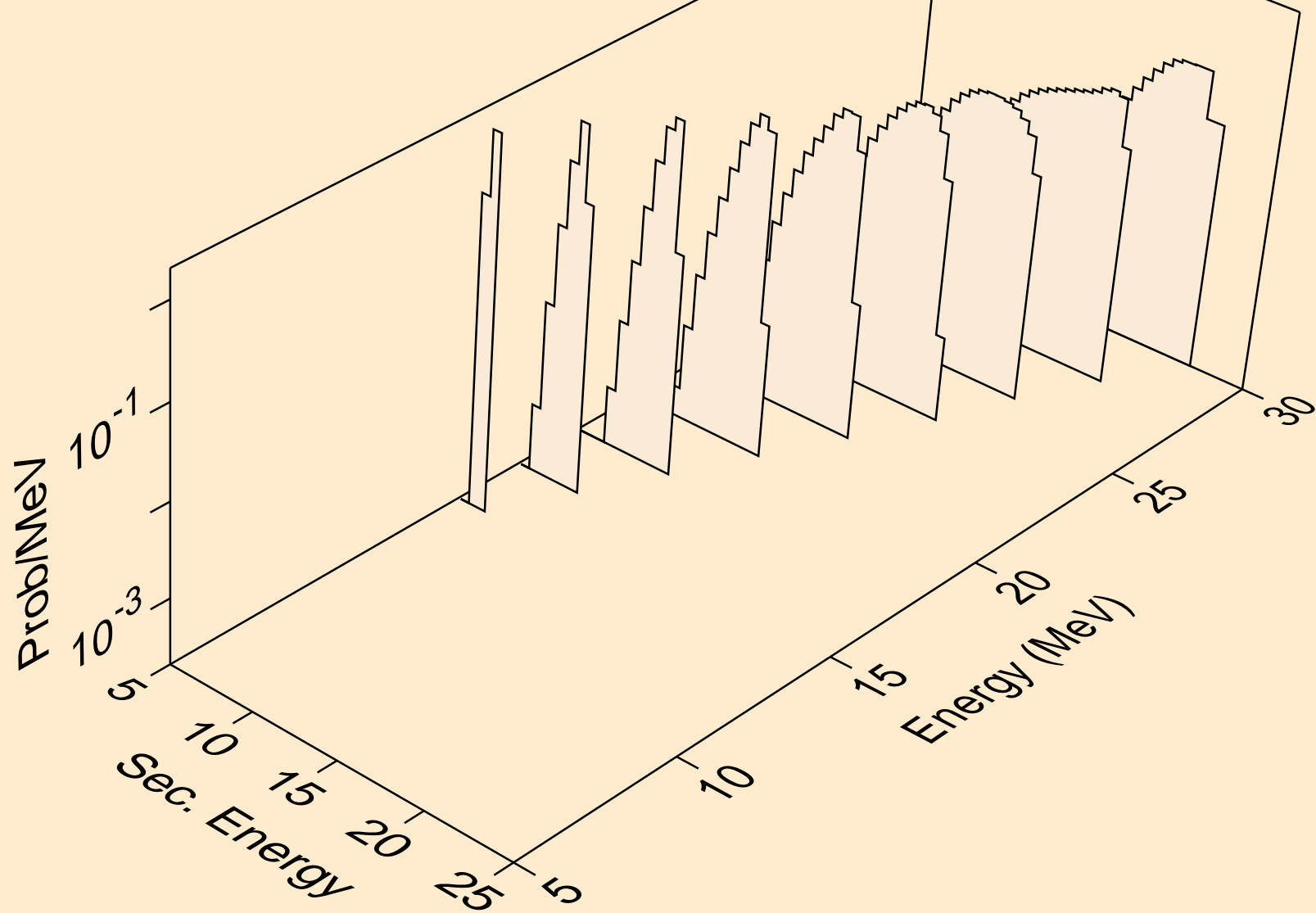
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)

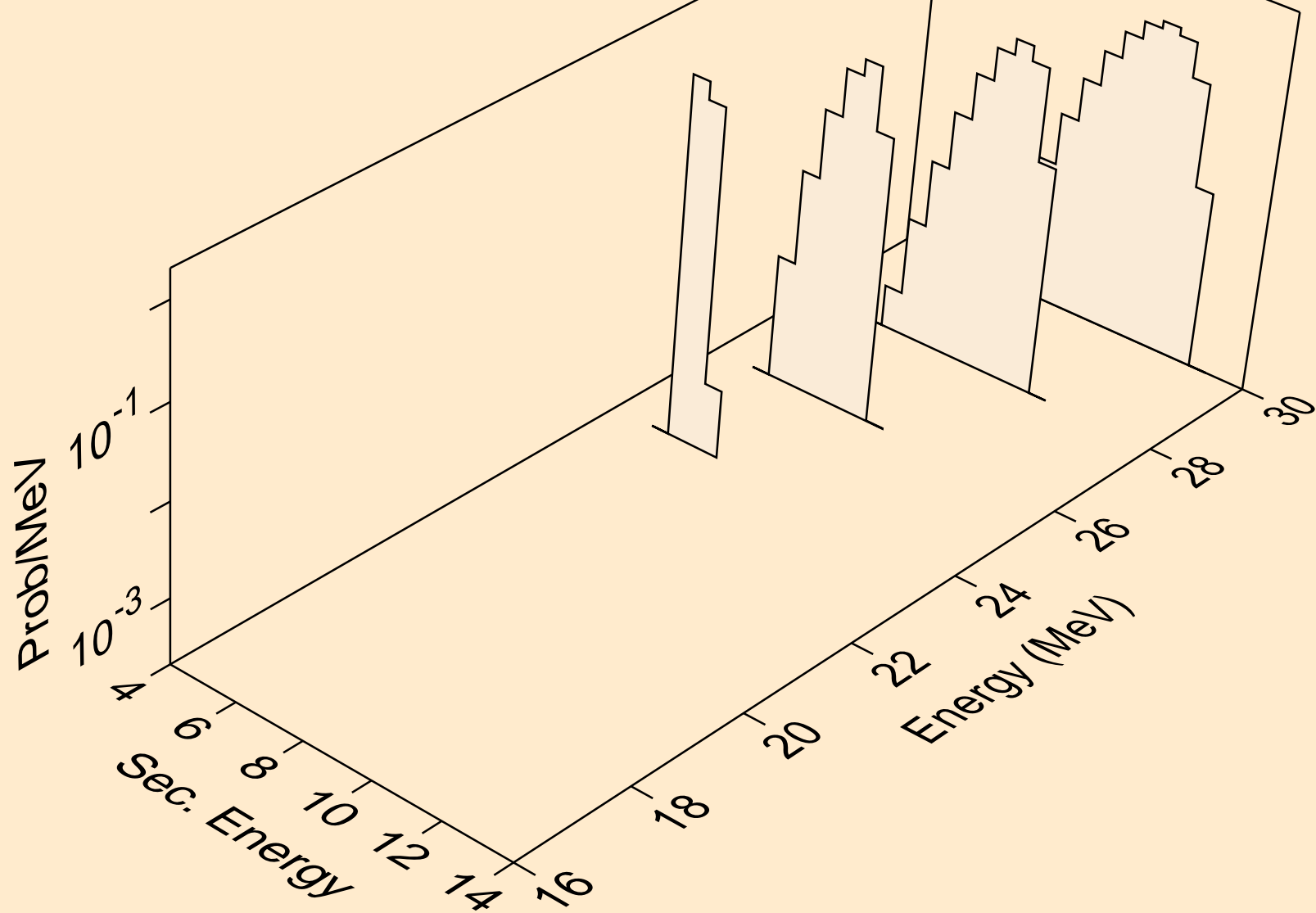


OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

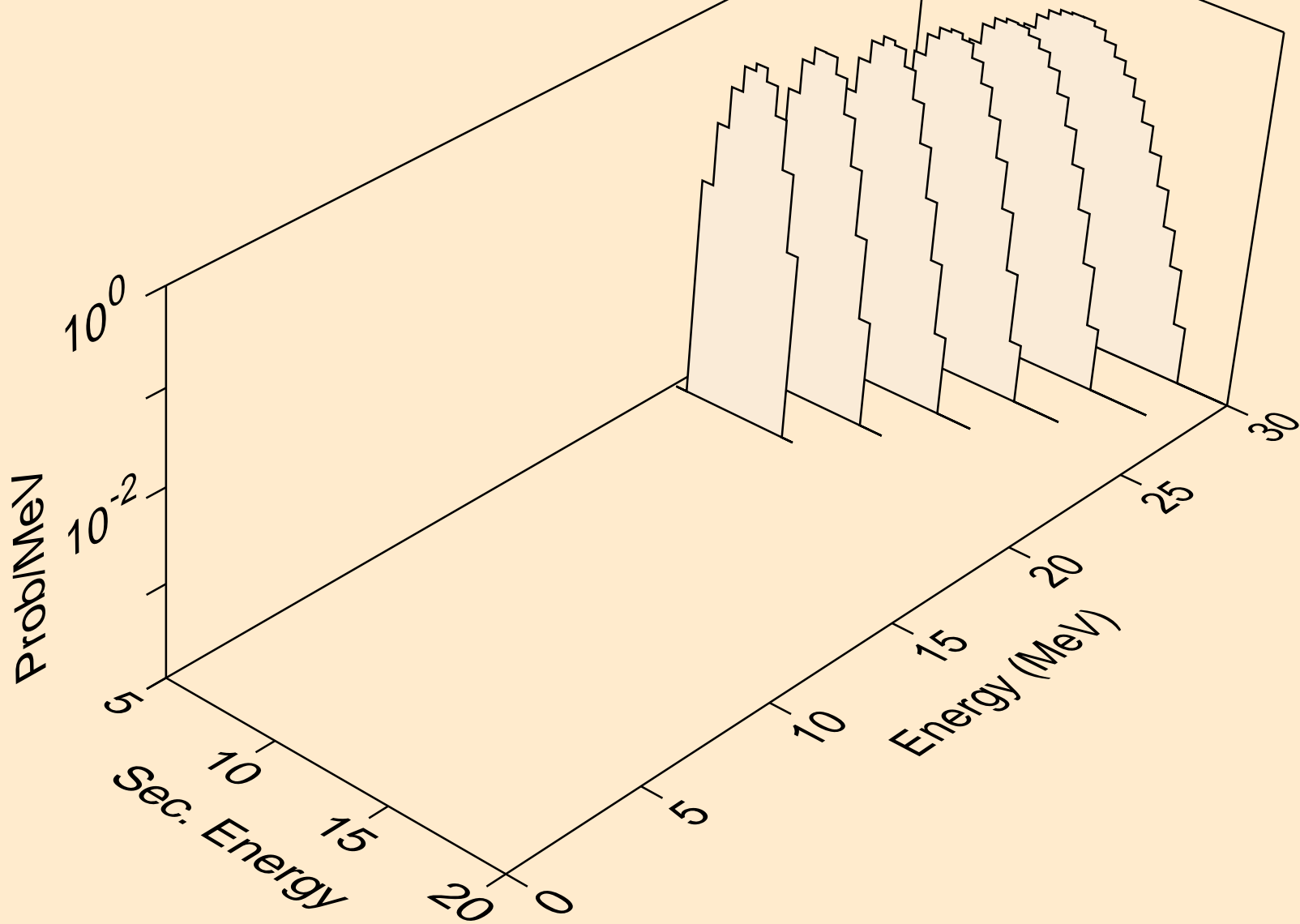


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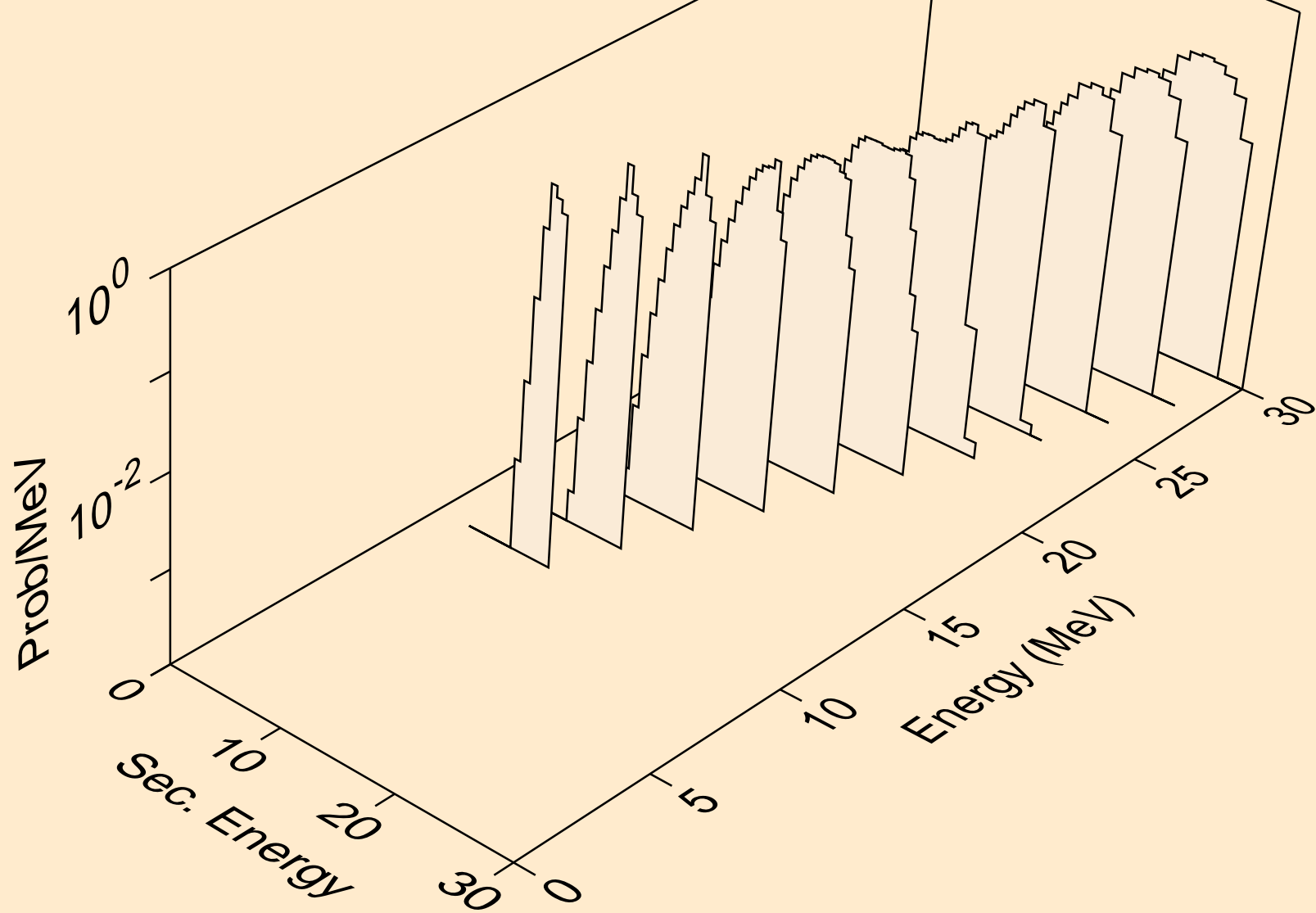
Alpha emission for (a,2n)a



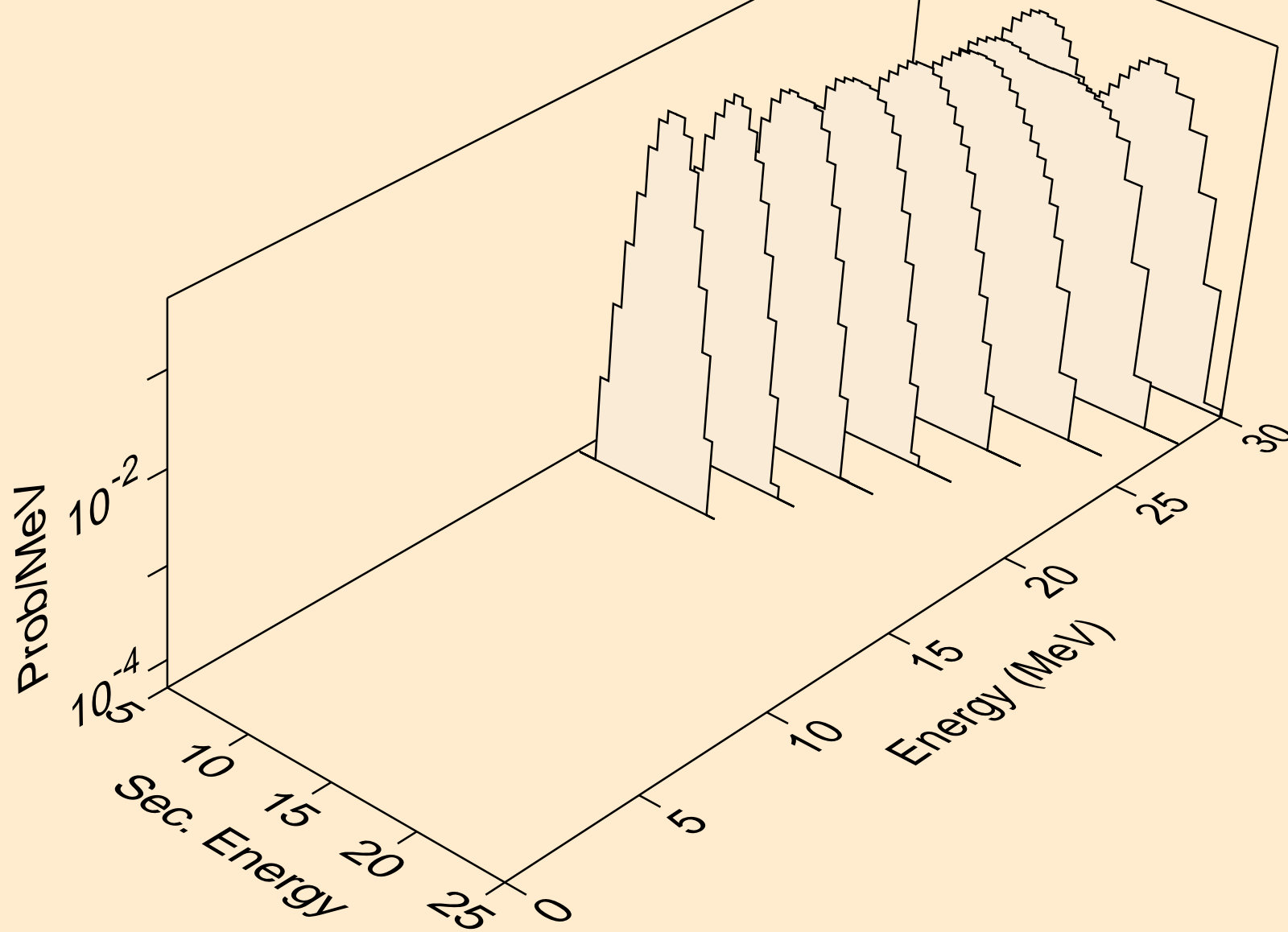
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



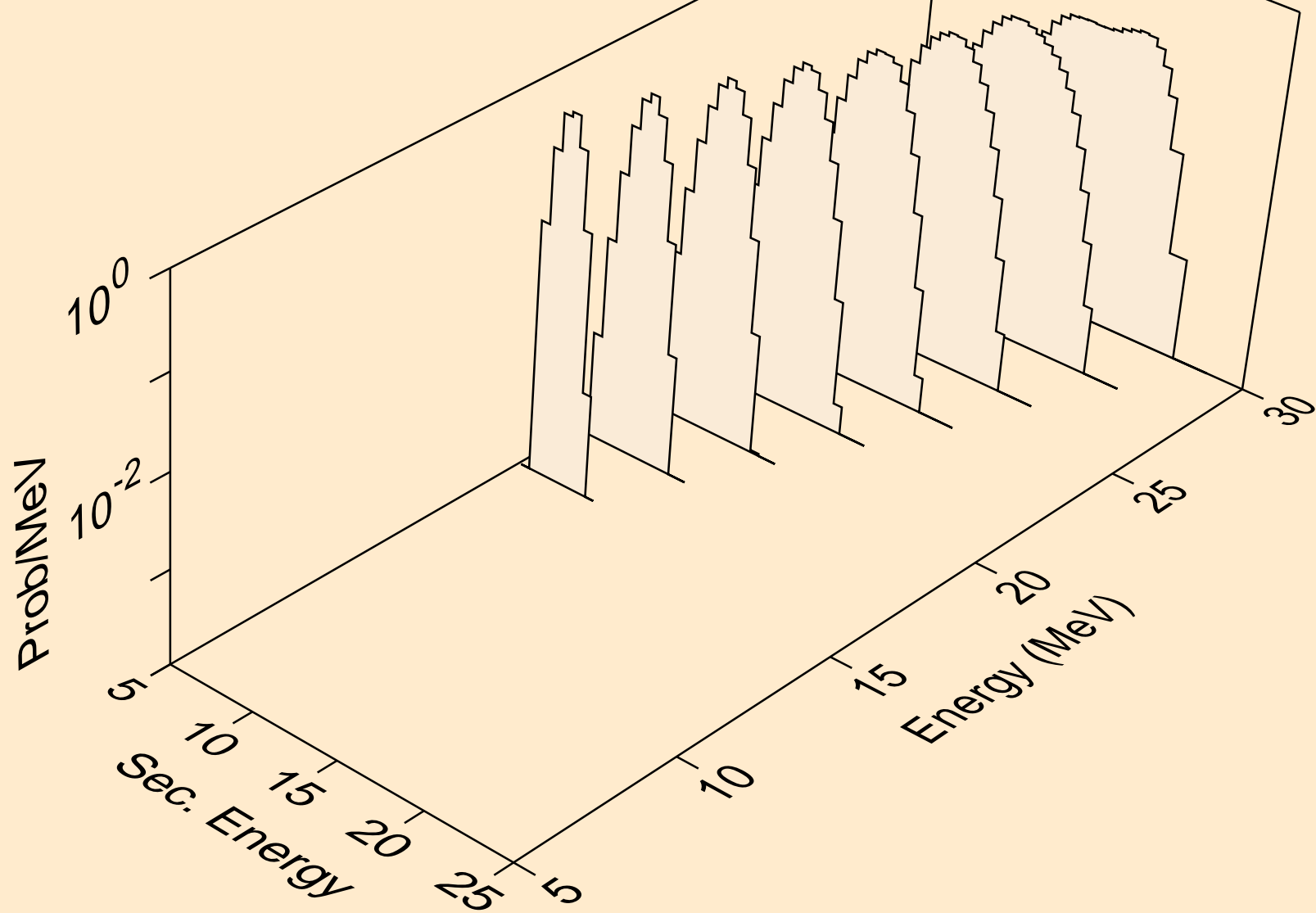
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)

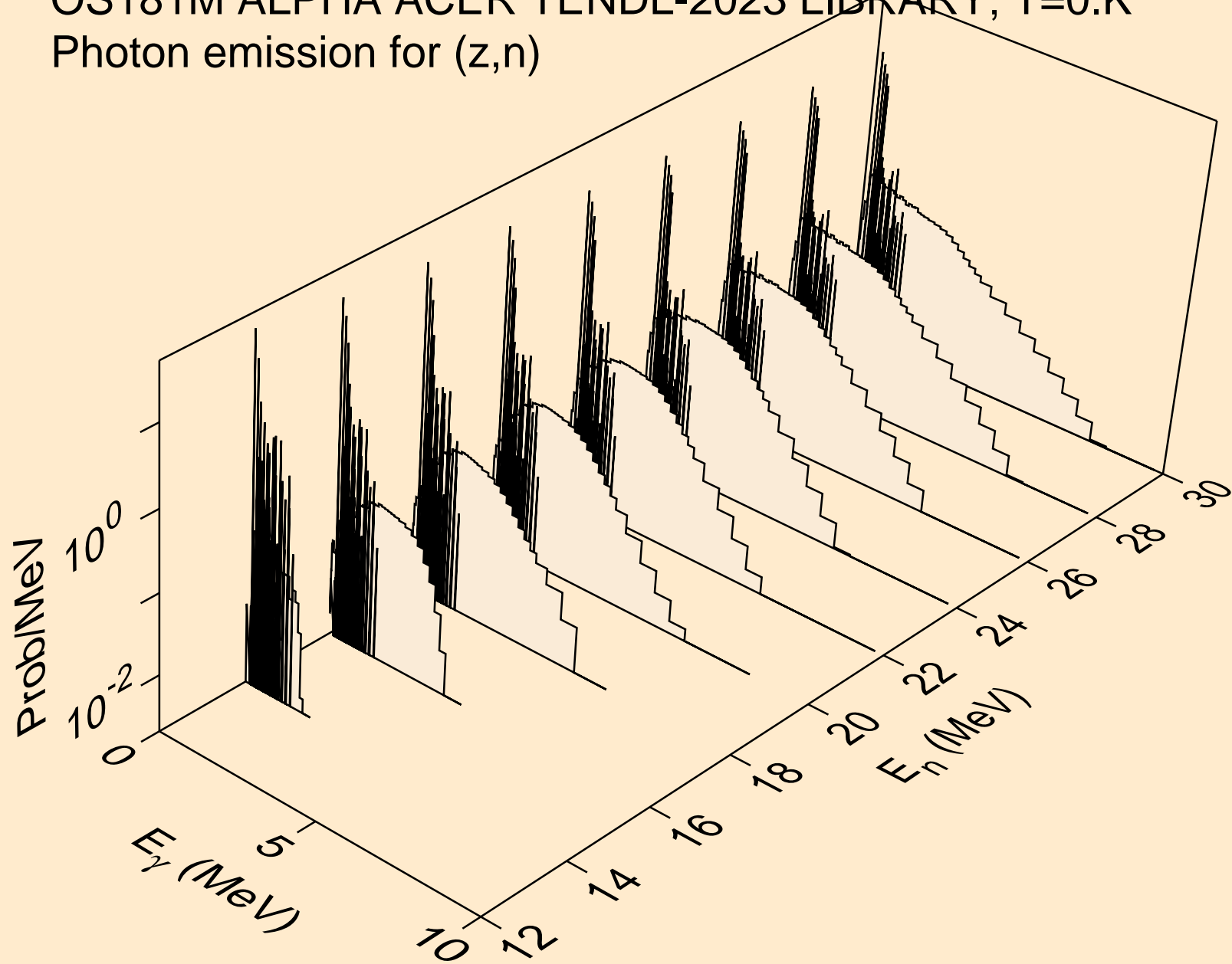


OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

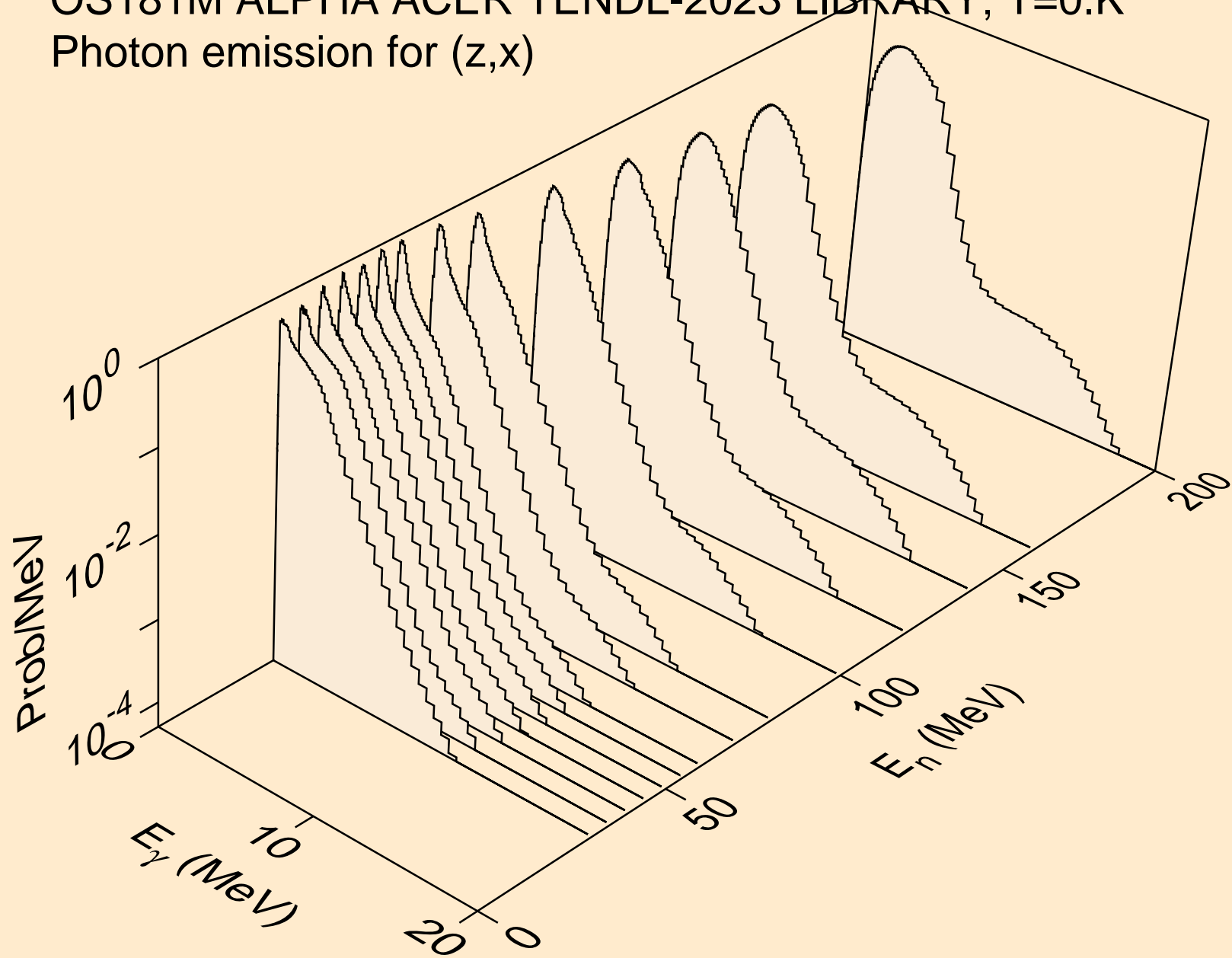




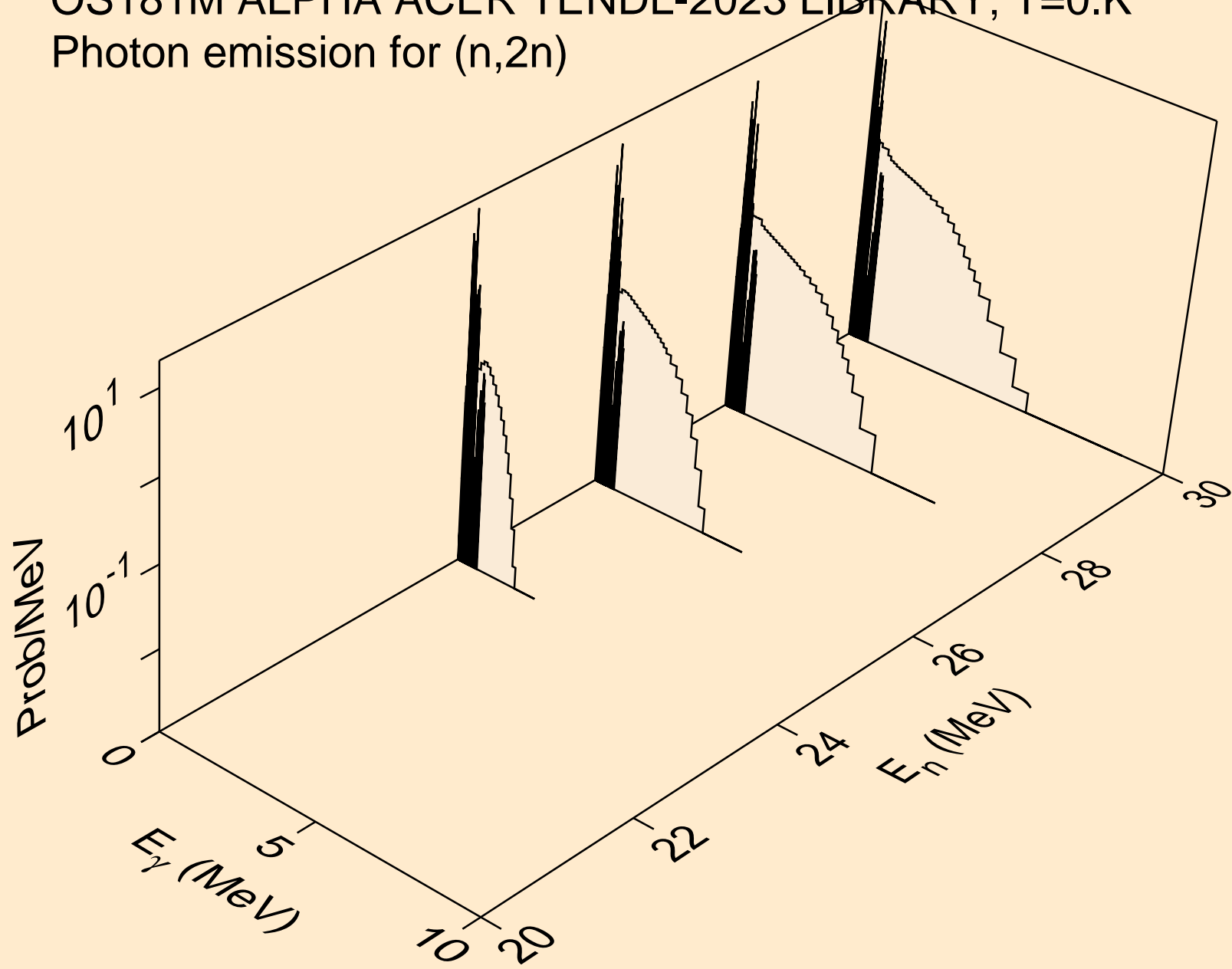
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Photon emission for (z,n)



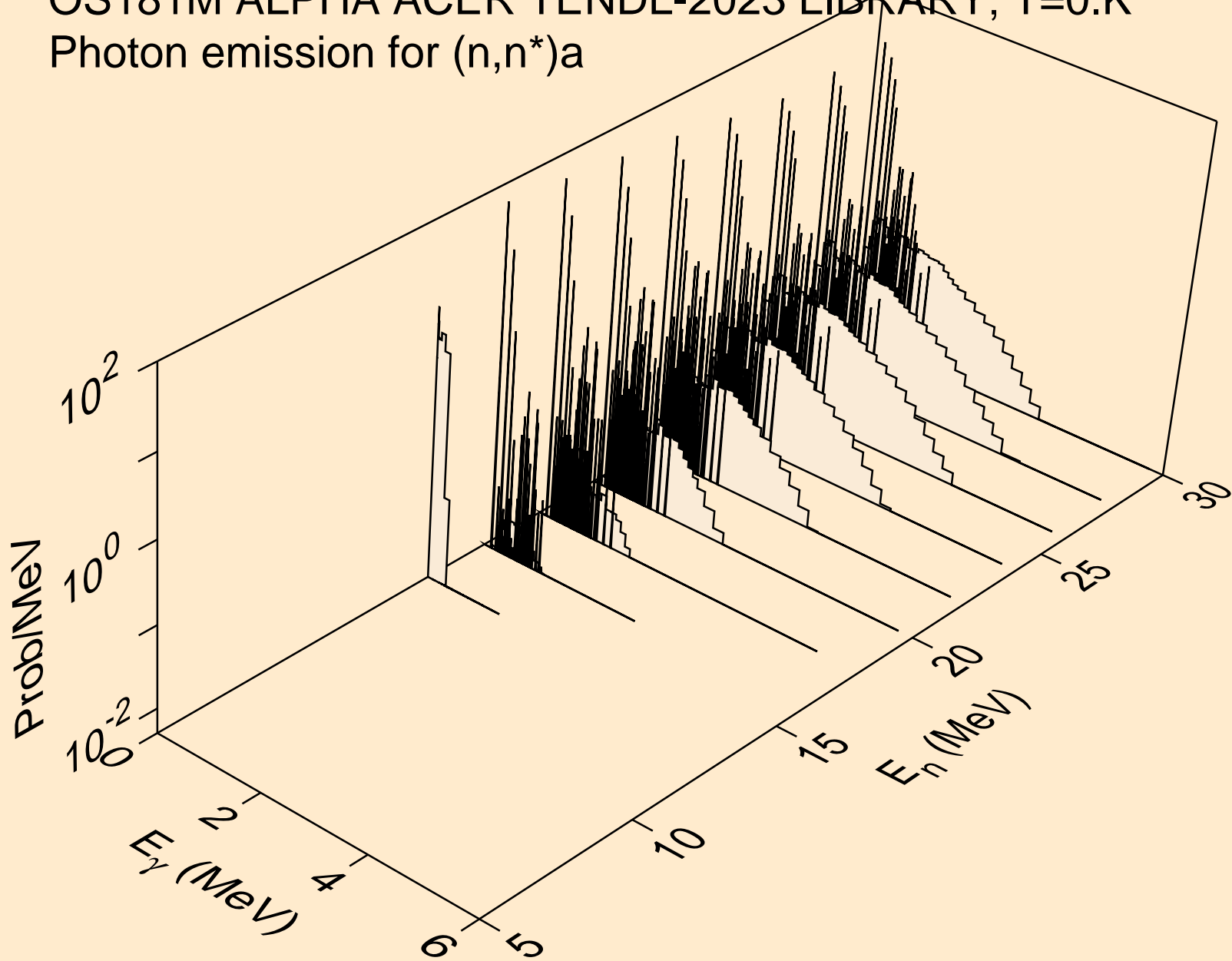
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



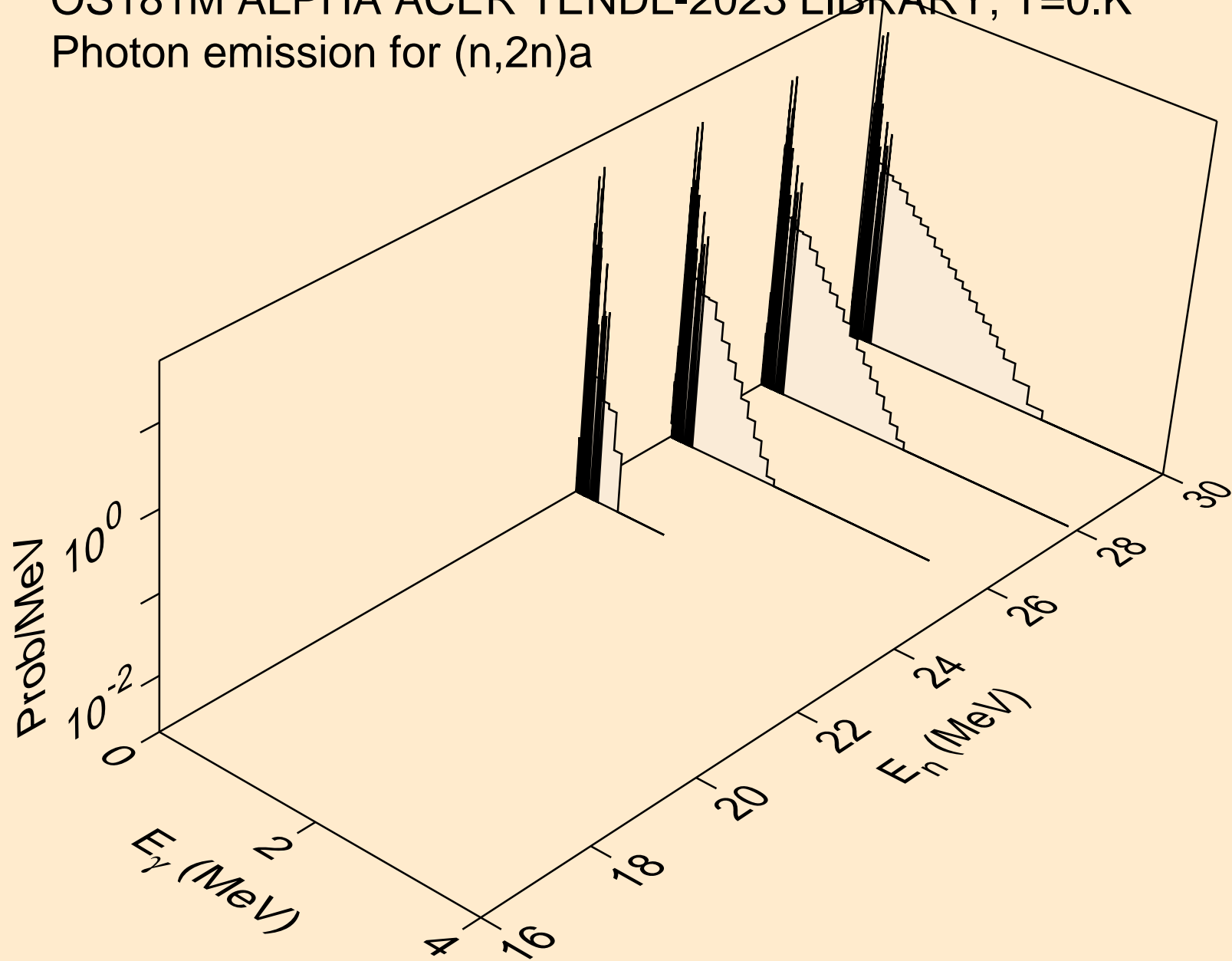
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



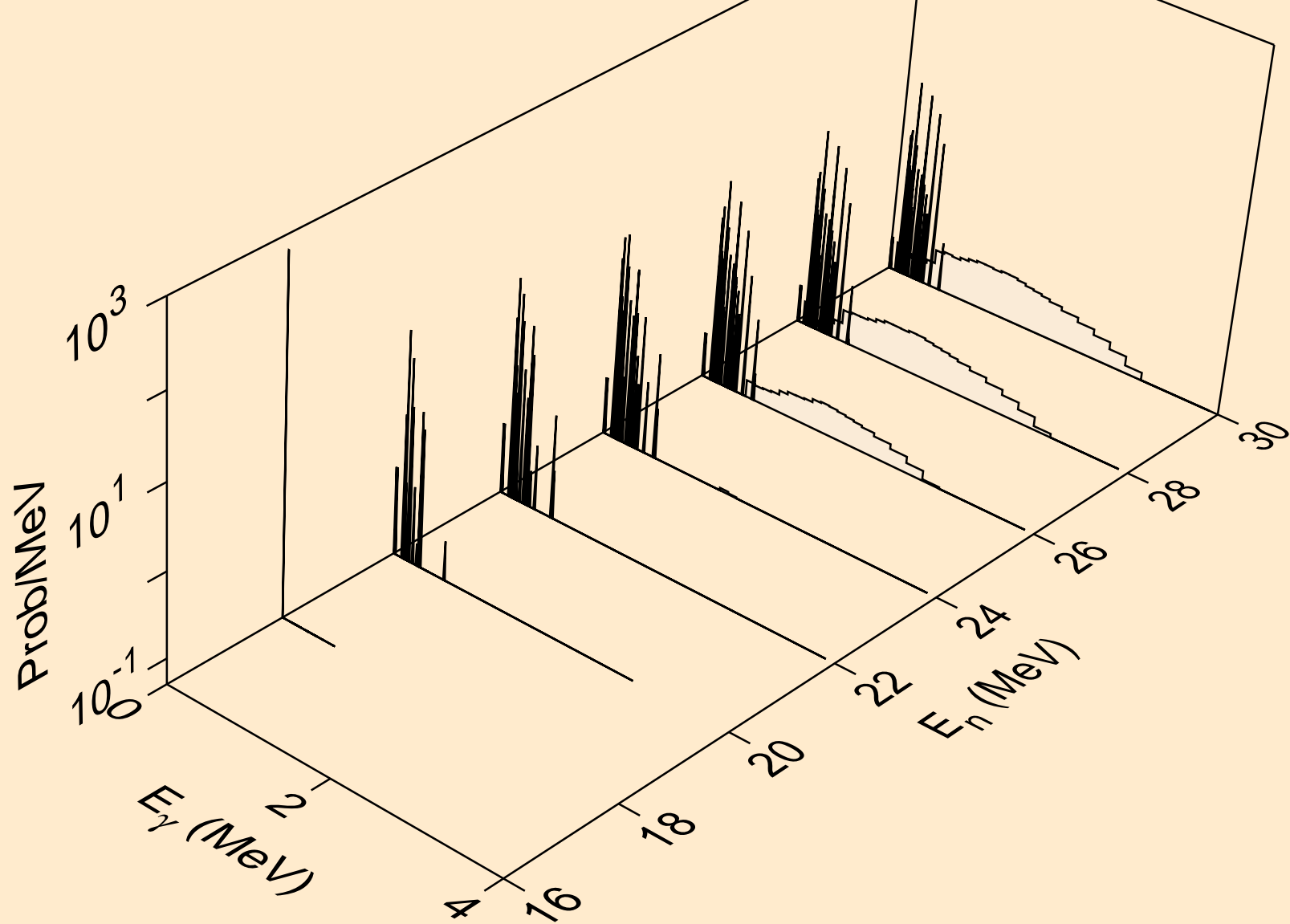
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



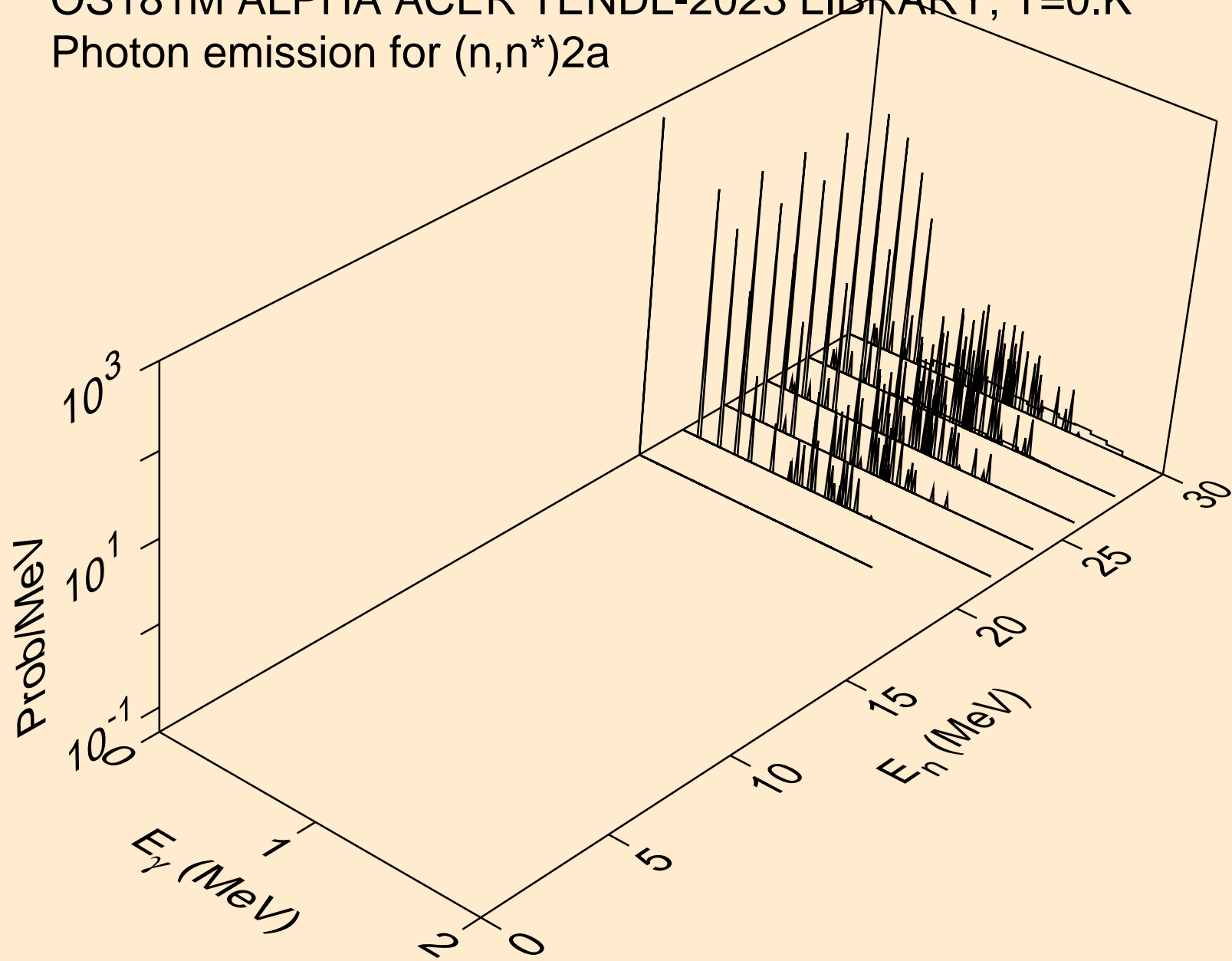
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

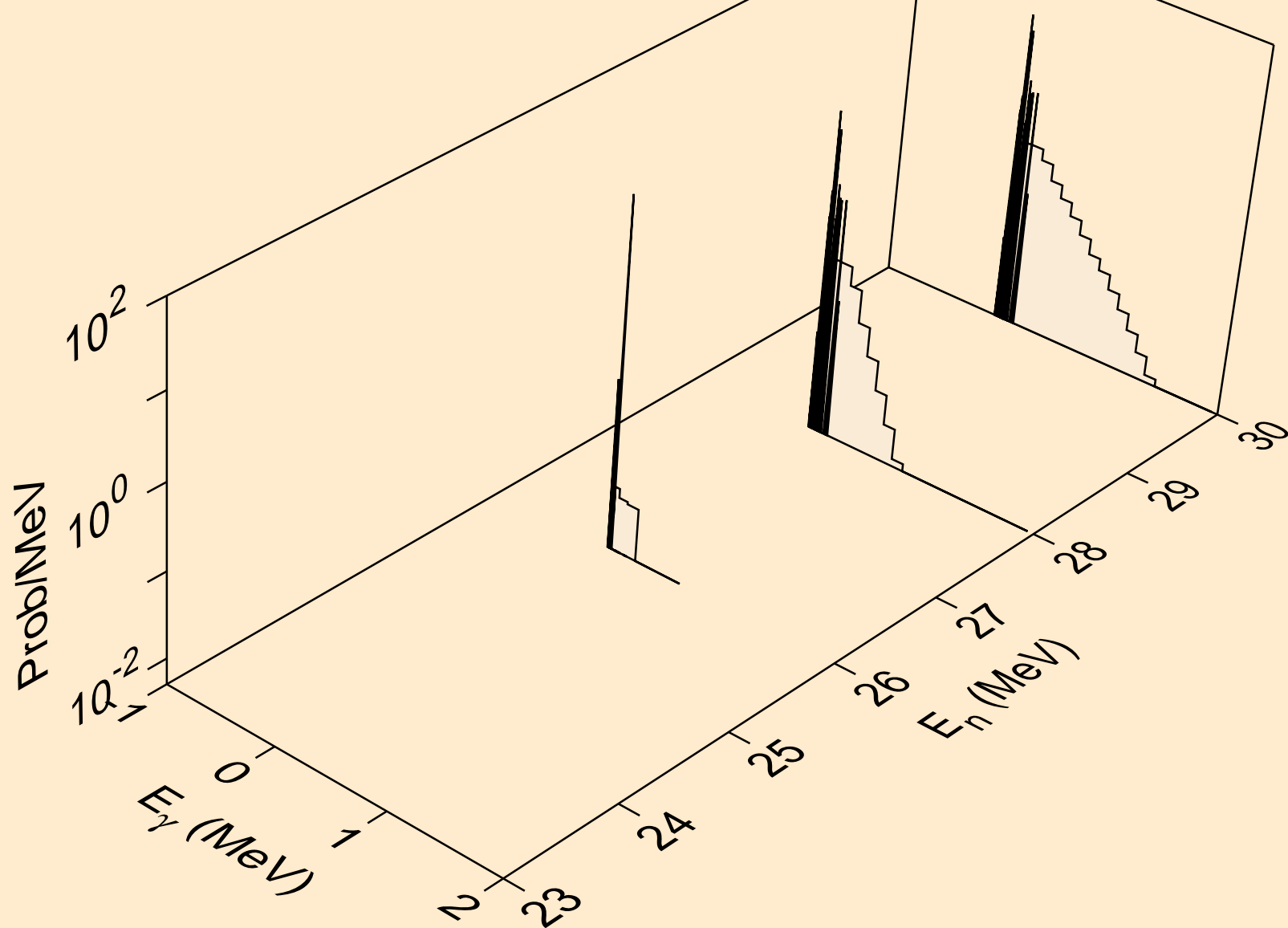


OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



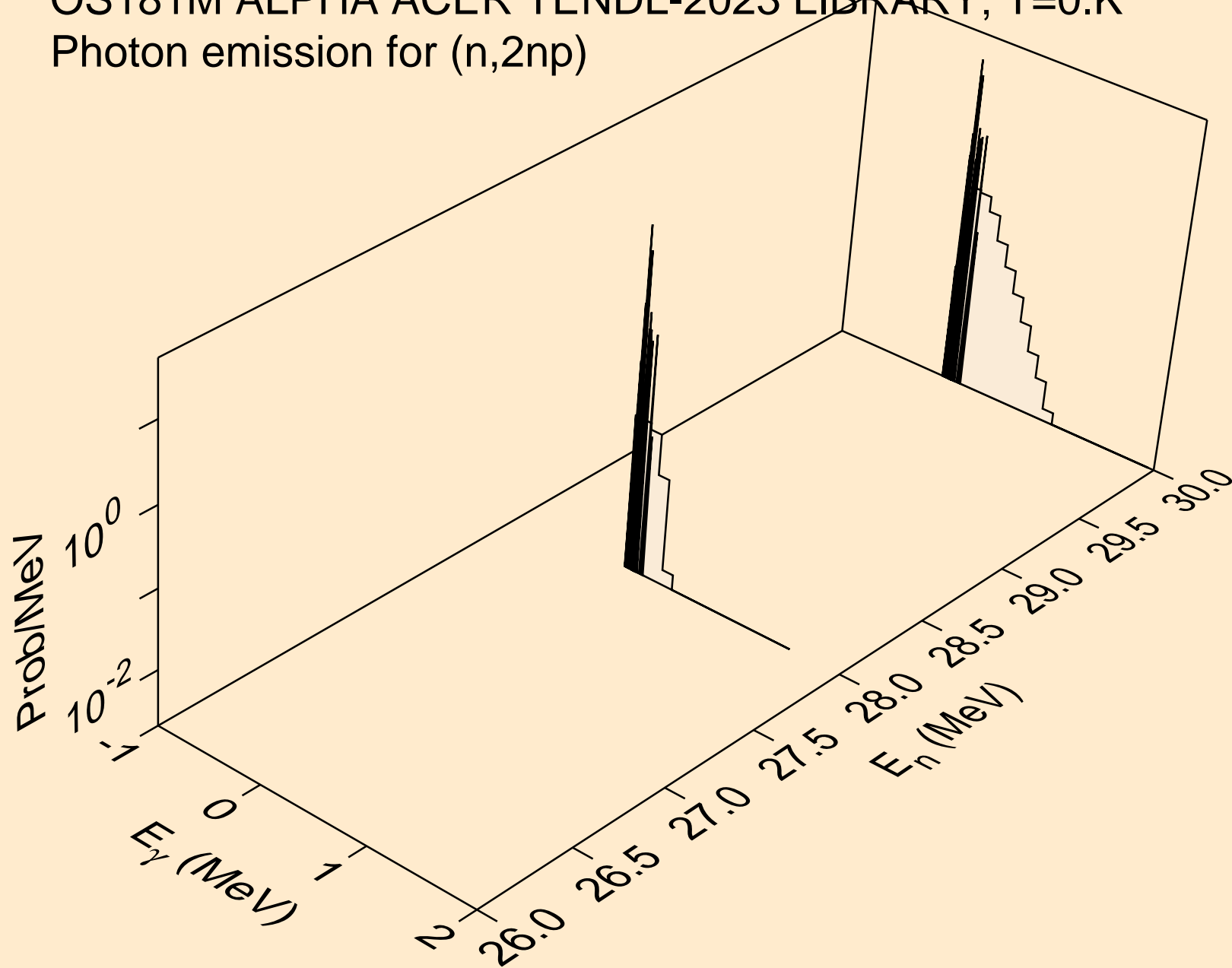
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d

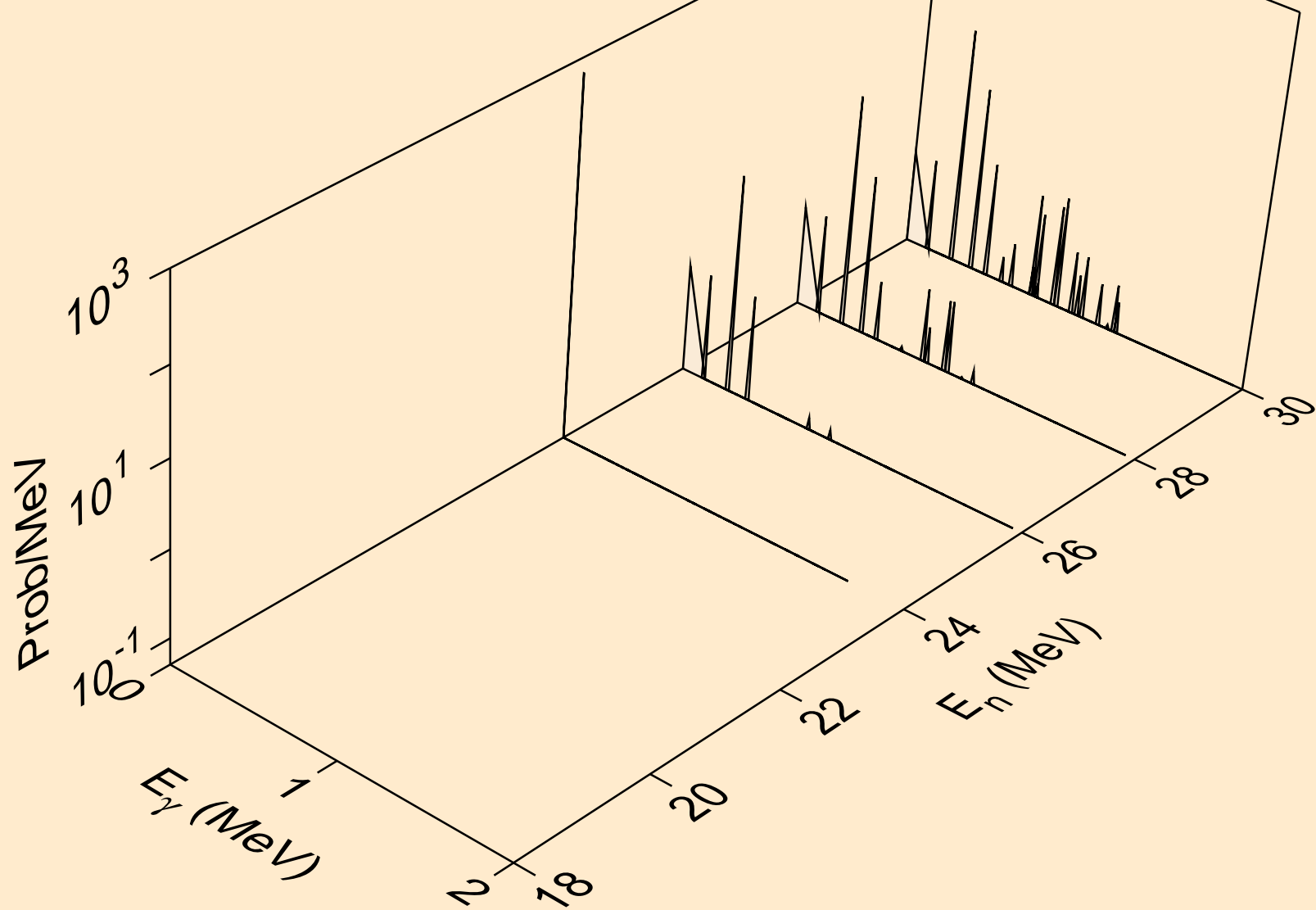




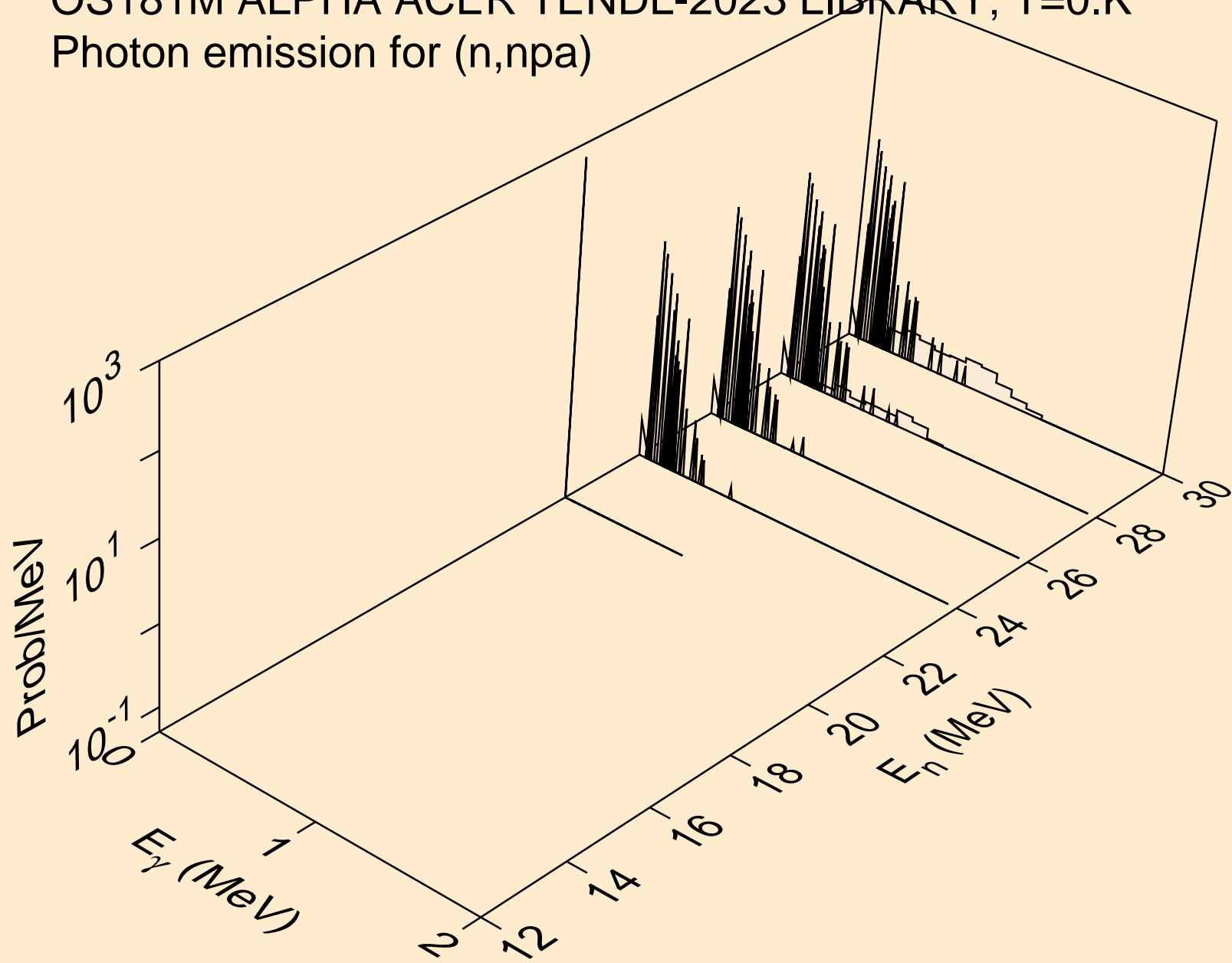
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Photon emission for (n,2np)



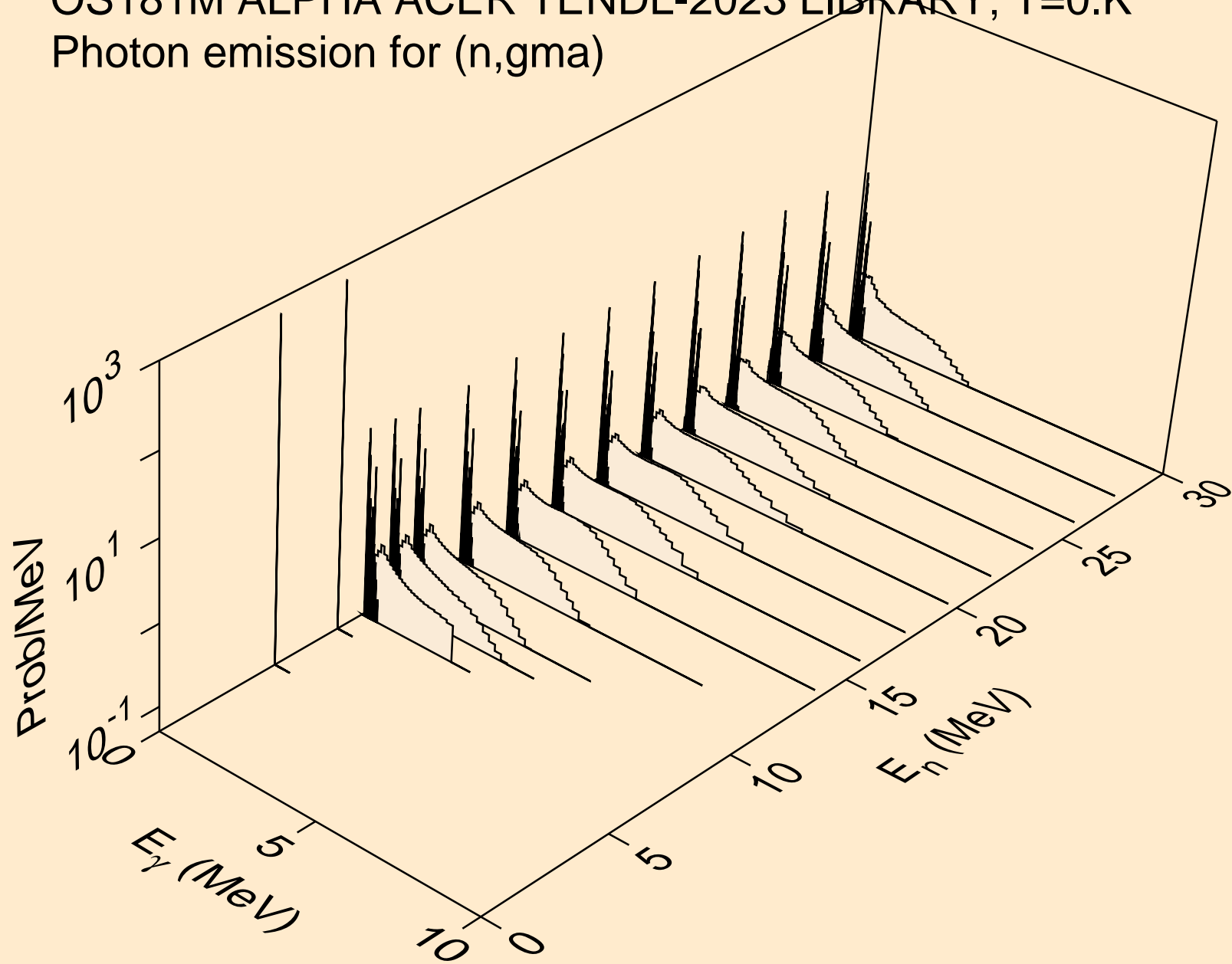
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Photon emission for (n,n2p)



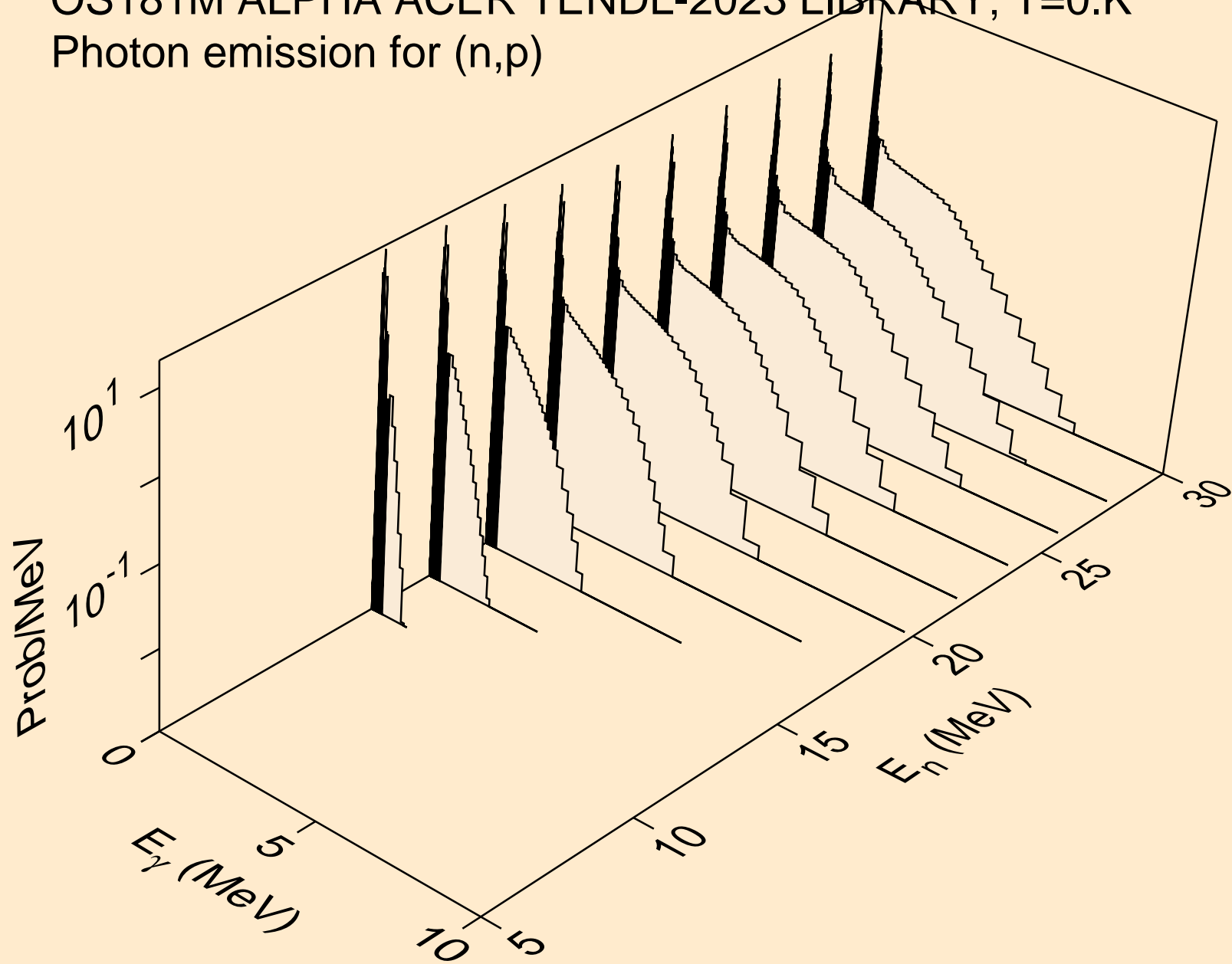
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Photon emission for (n,npa)



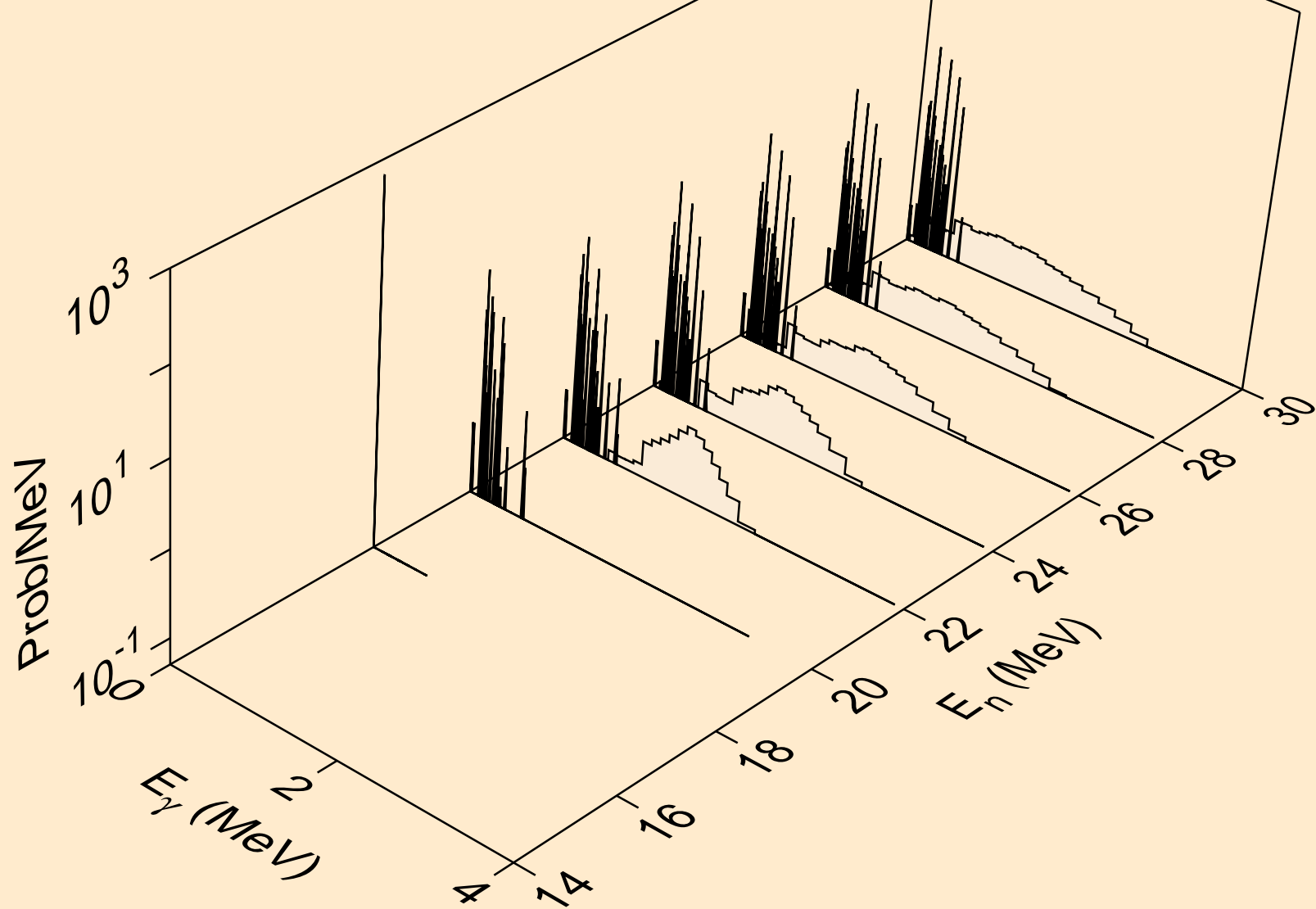
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Photon emission for (n,gma)



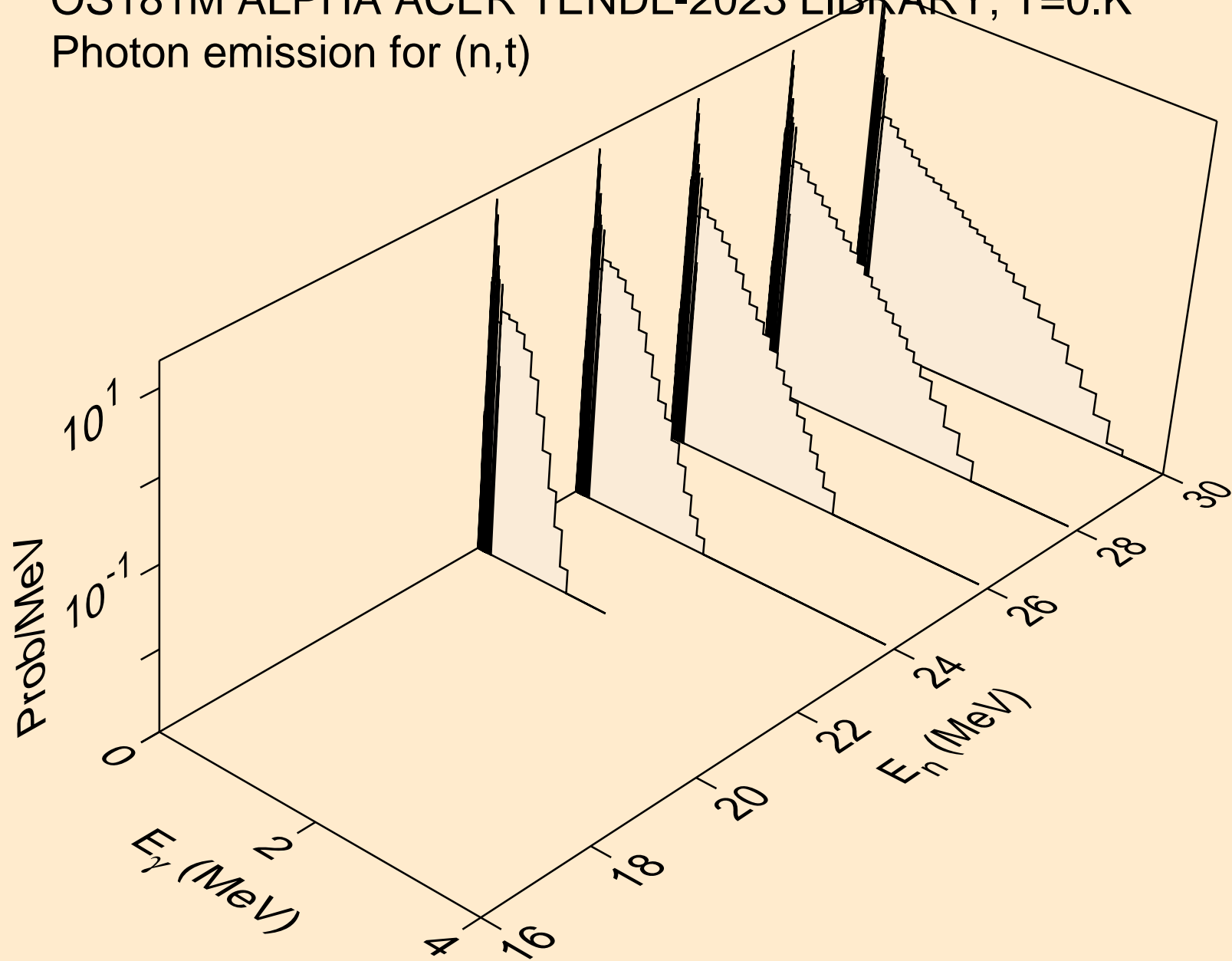
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



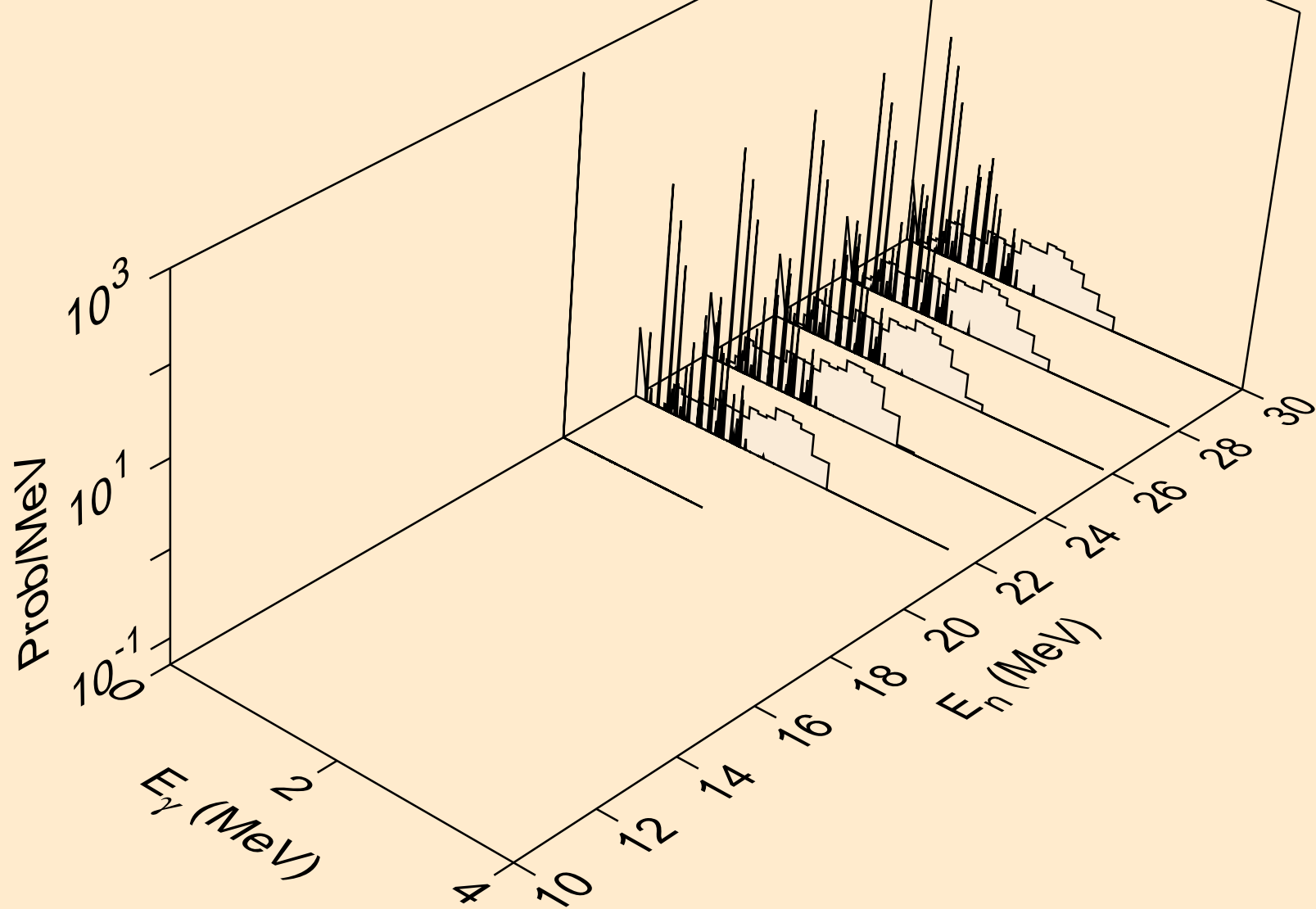
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

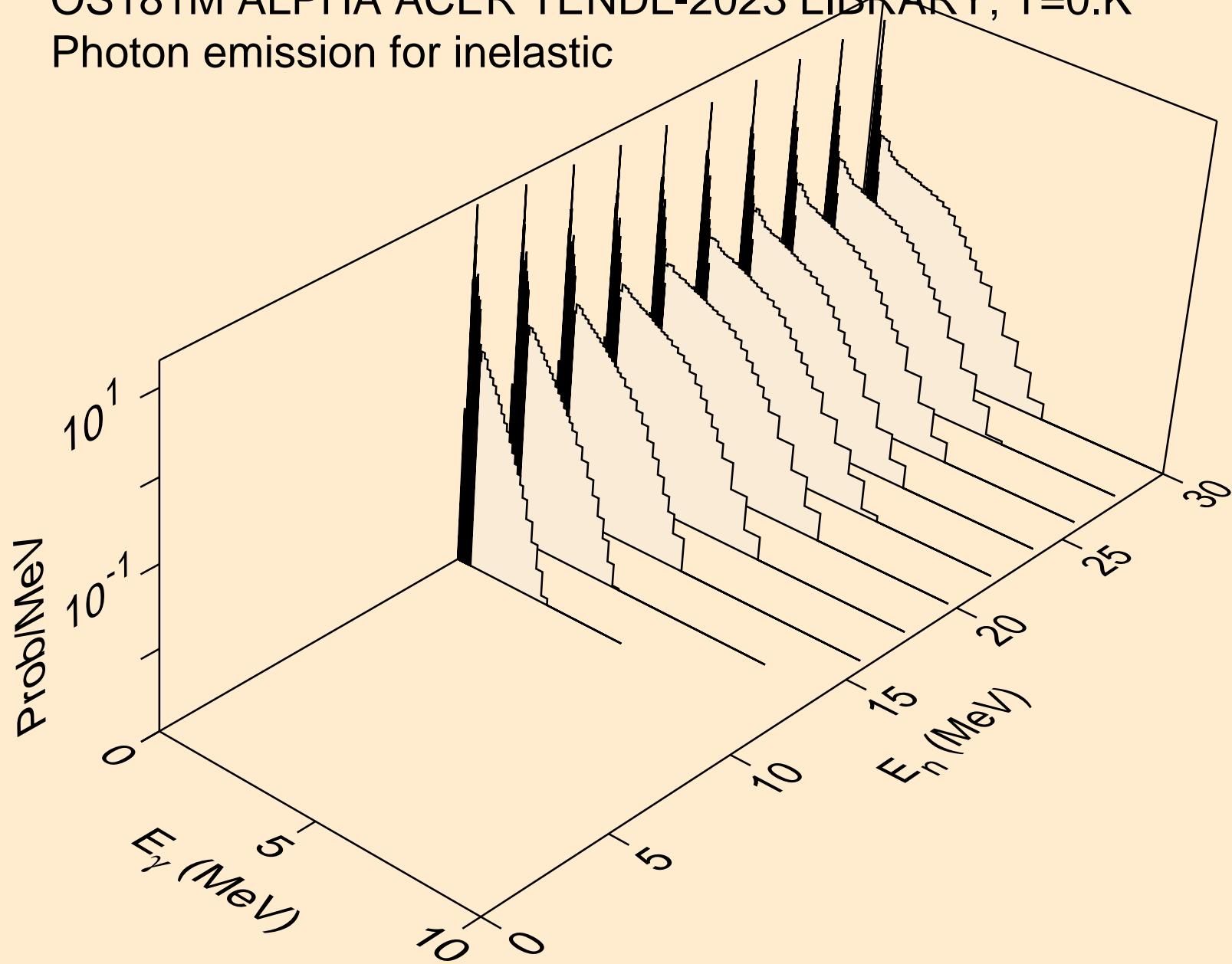


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Photon emission for (n,he3)

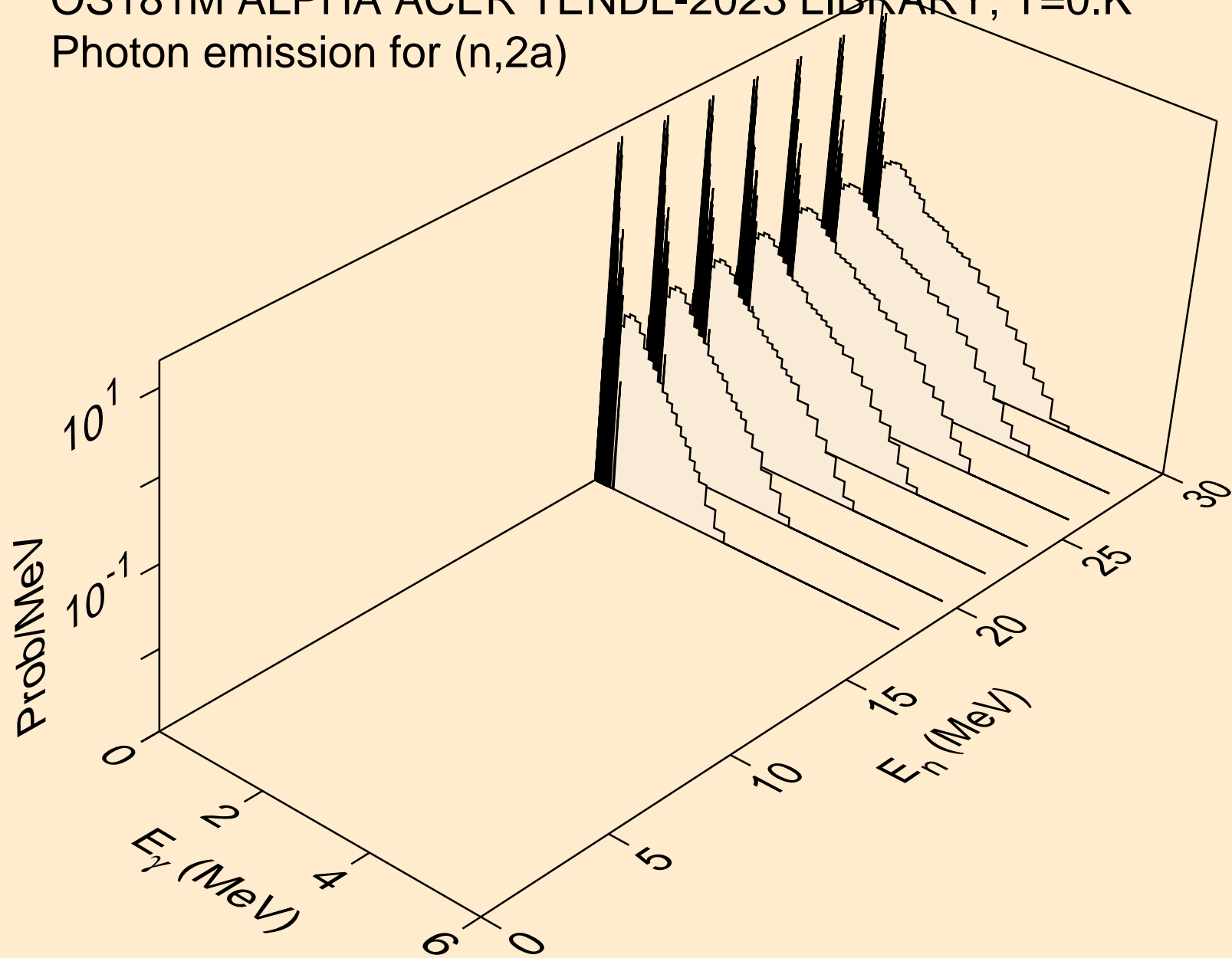




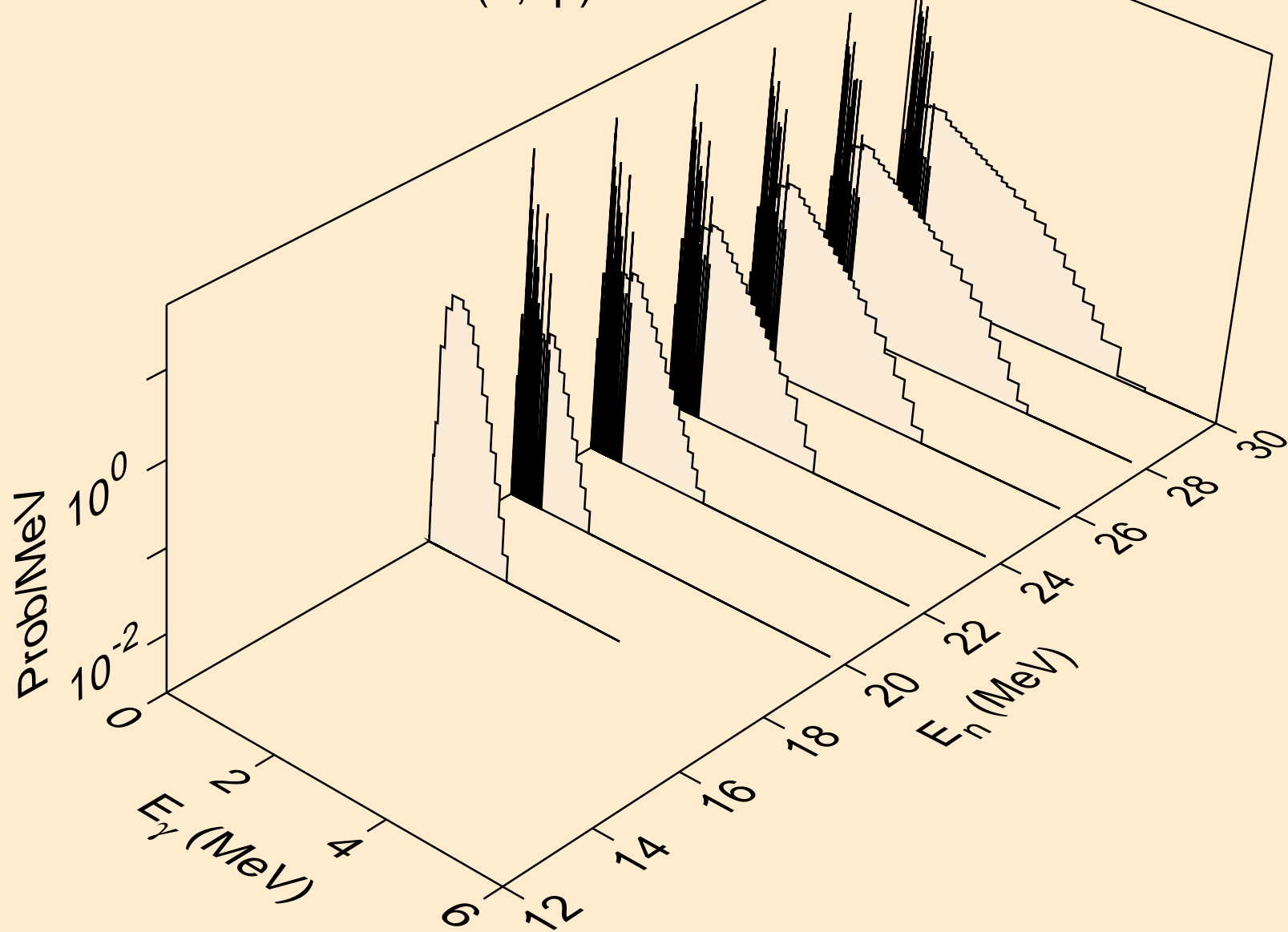
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



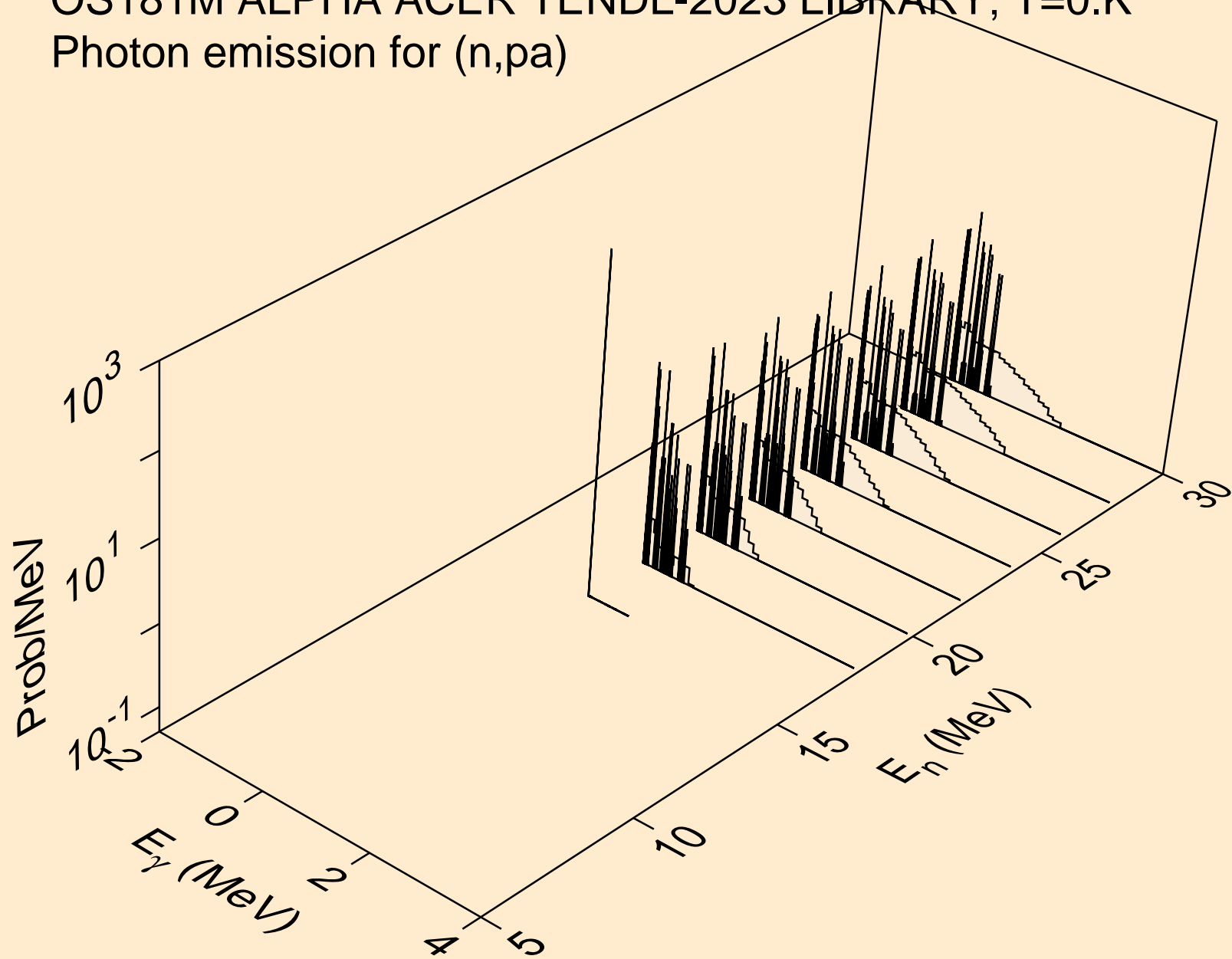
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



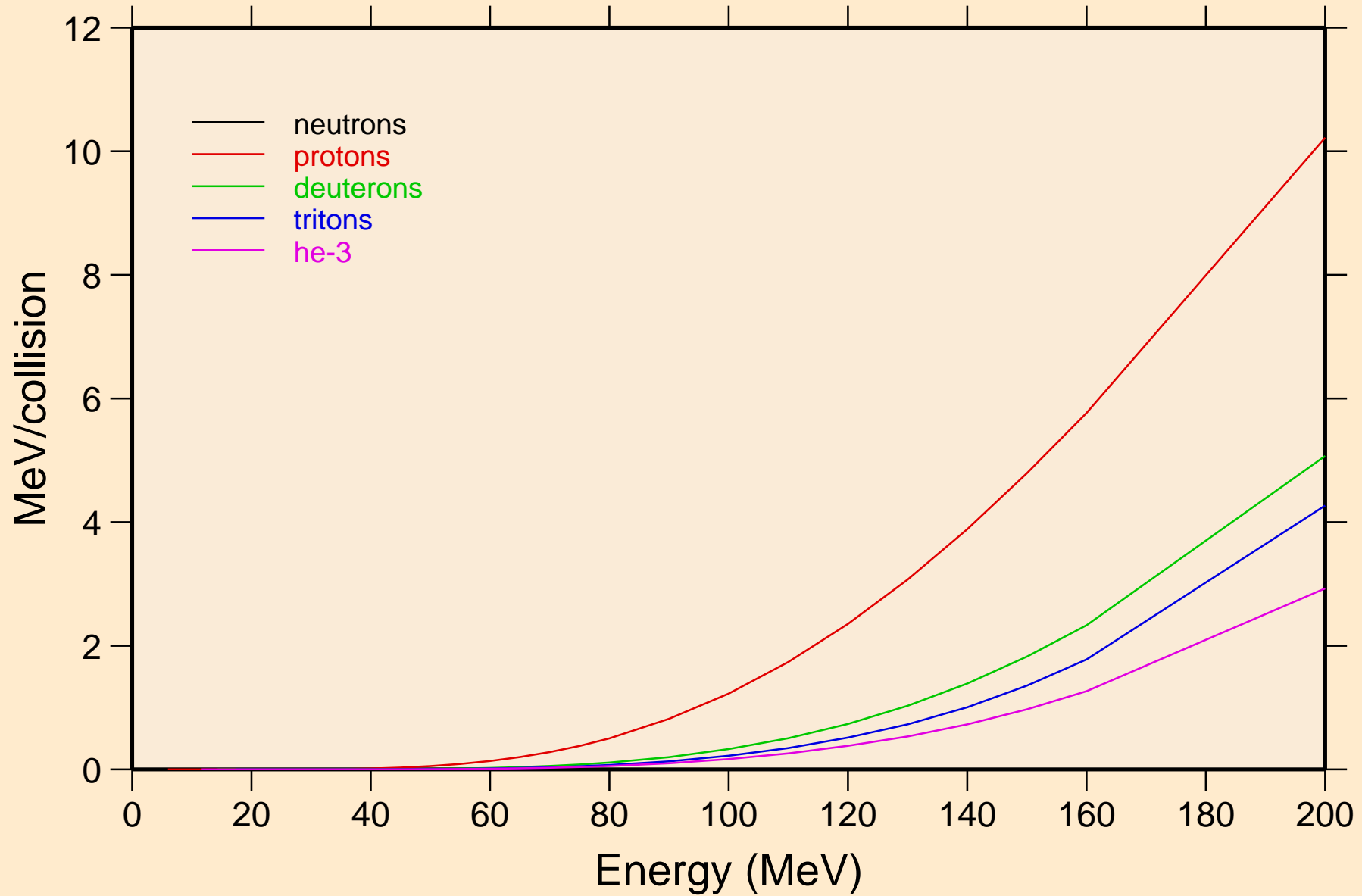
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

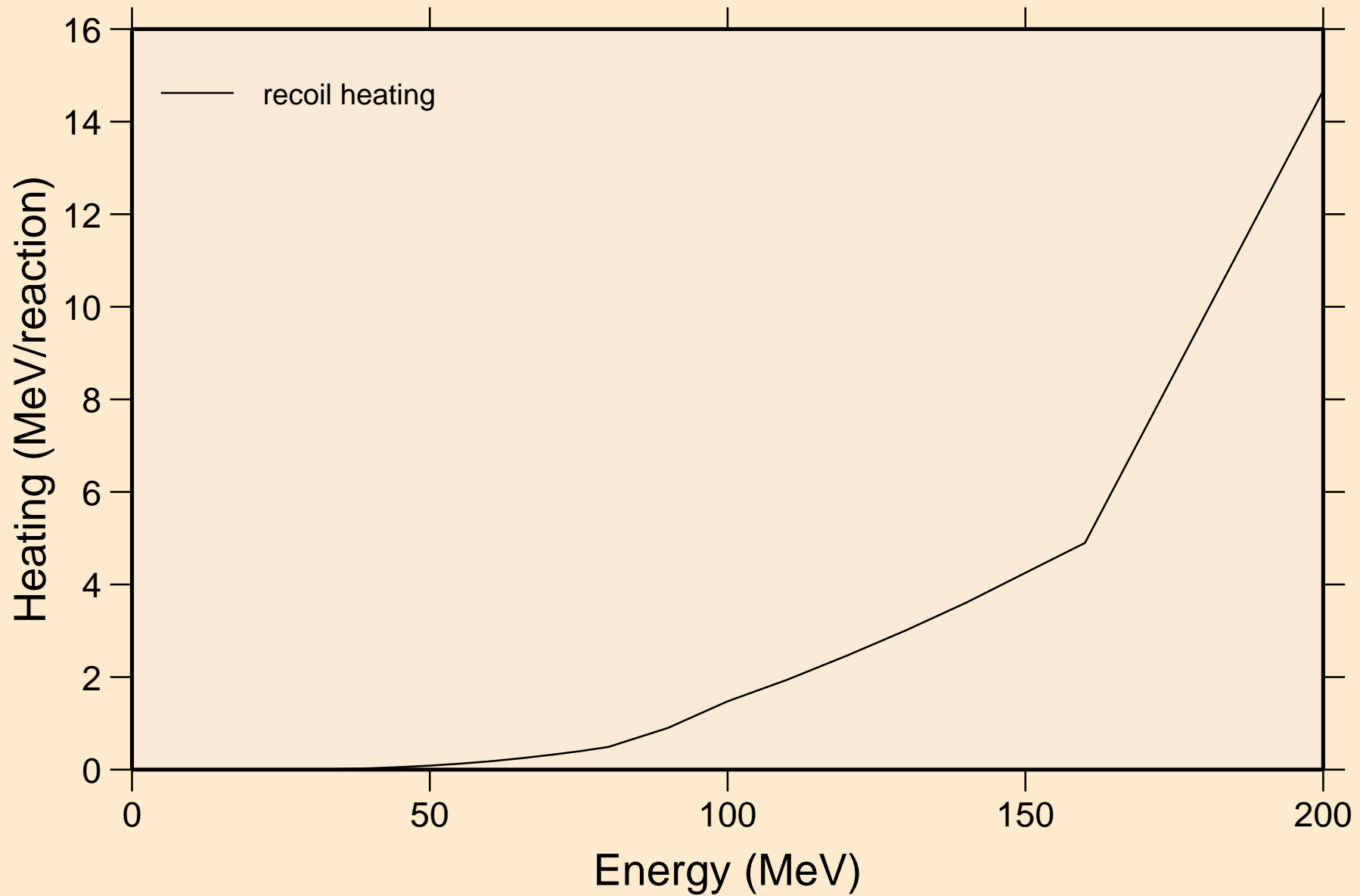


OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

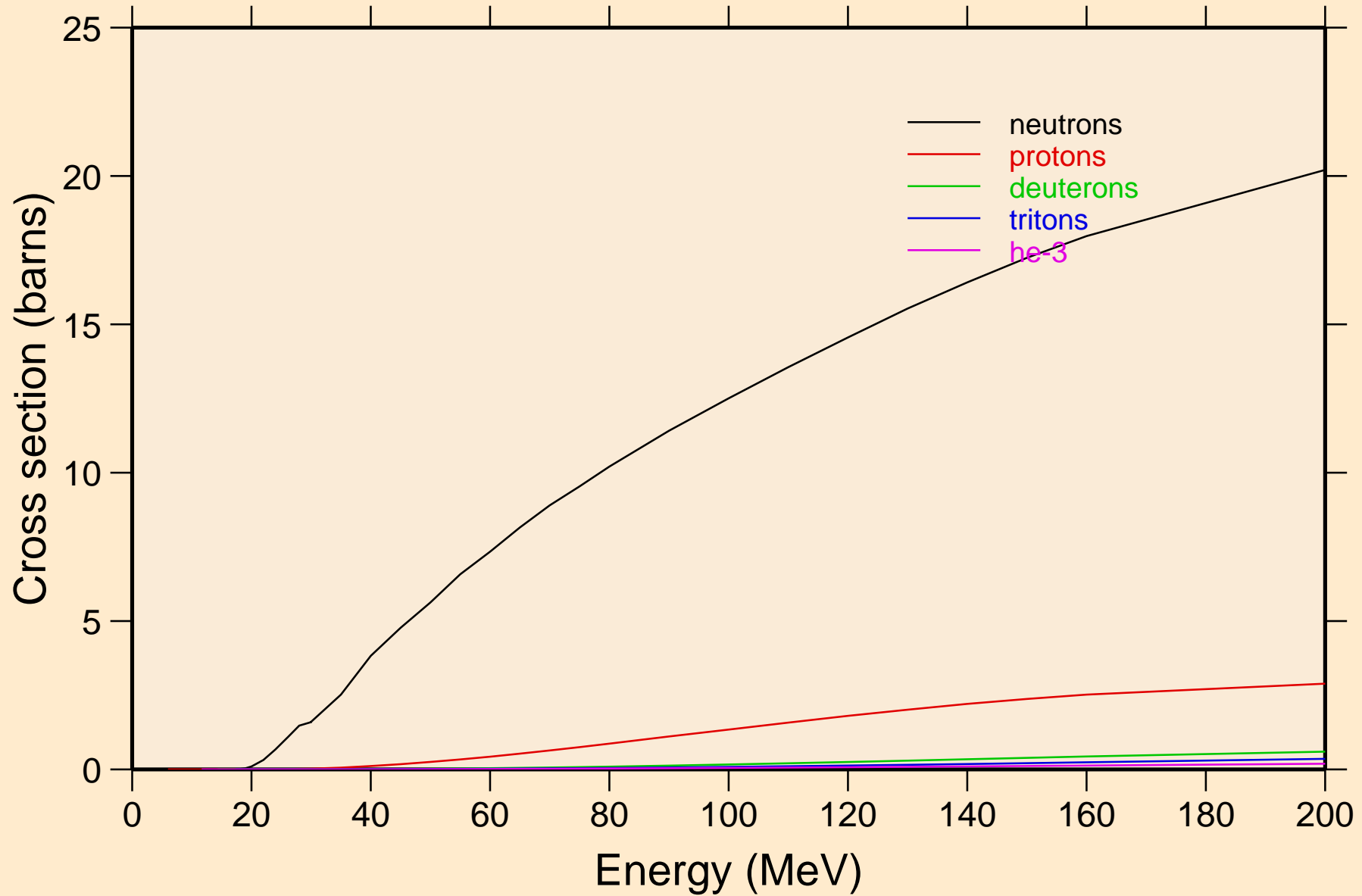


OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

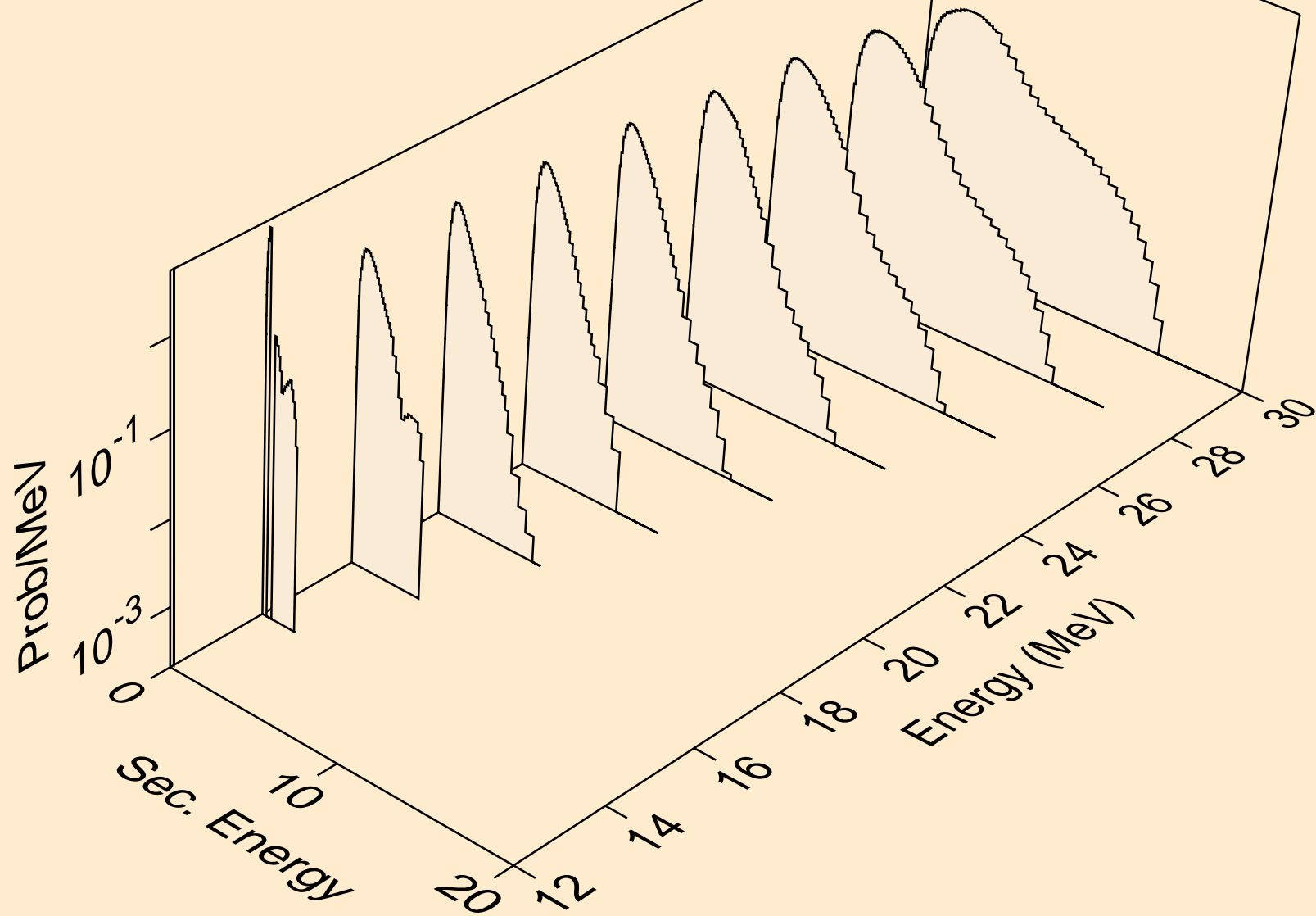
Recoil Heating



OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

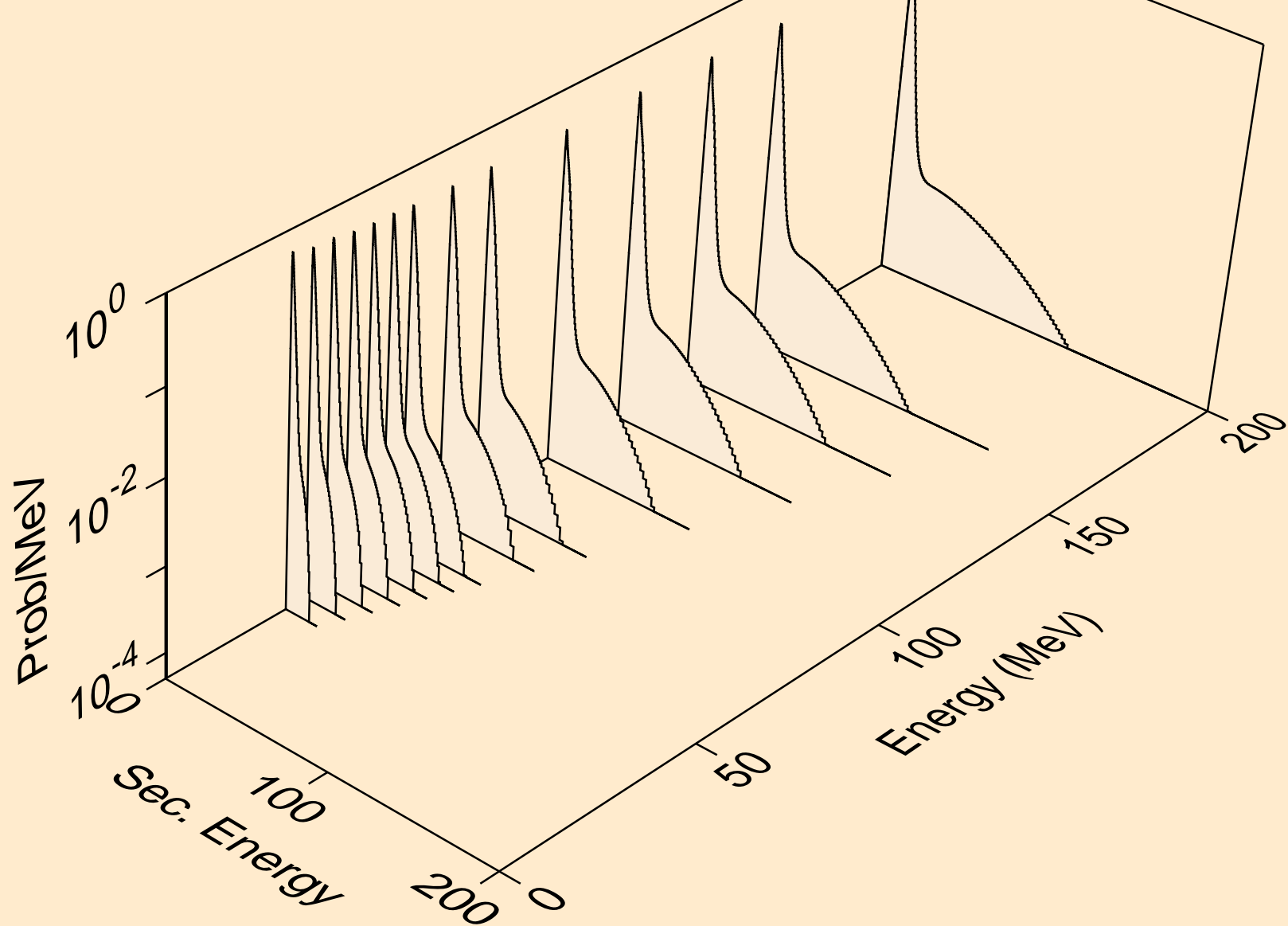


OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

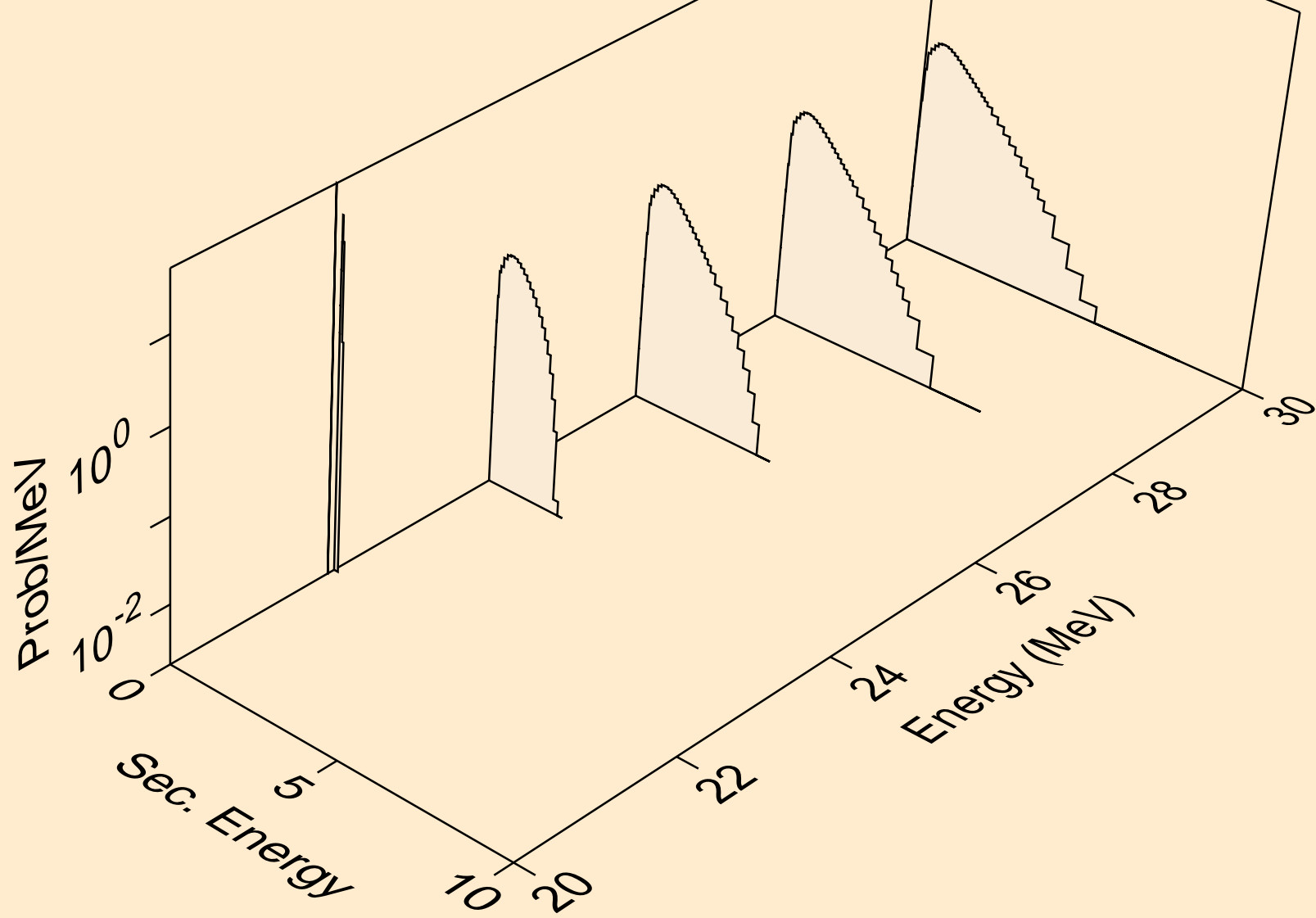




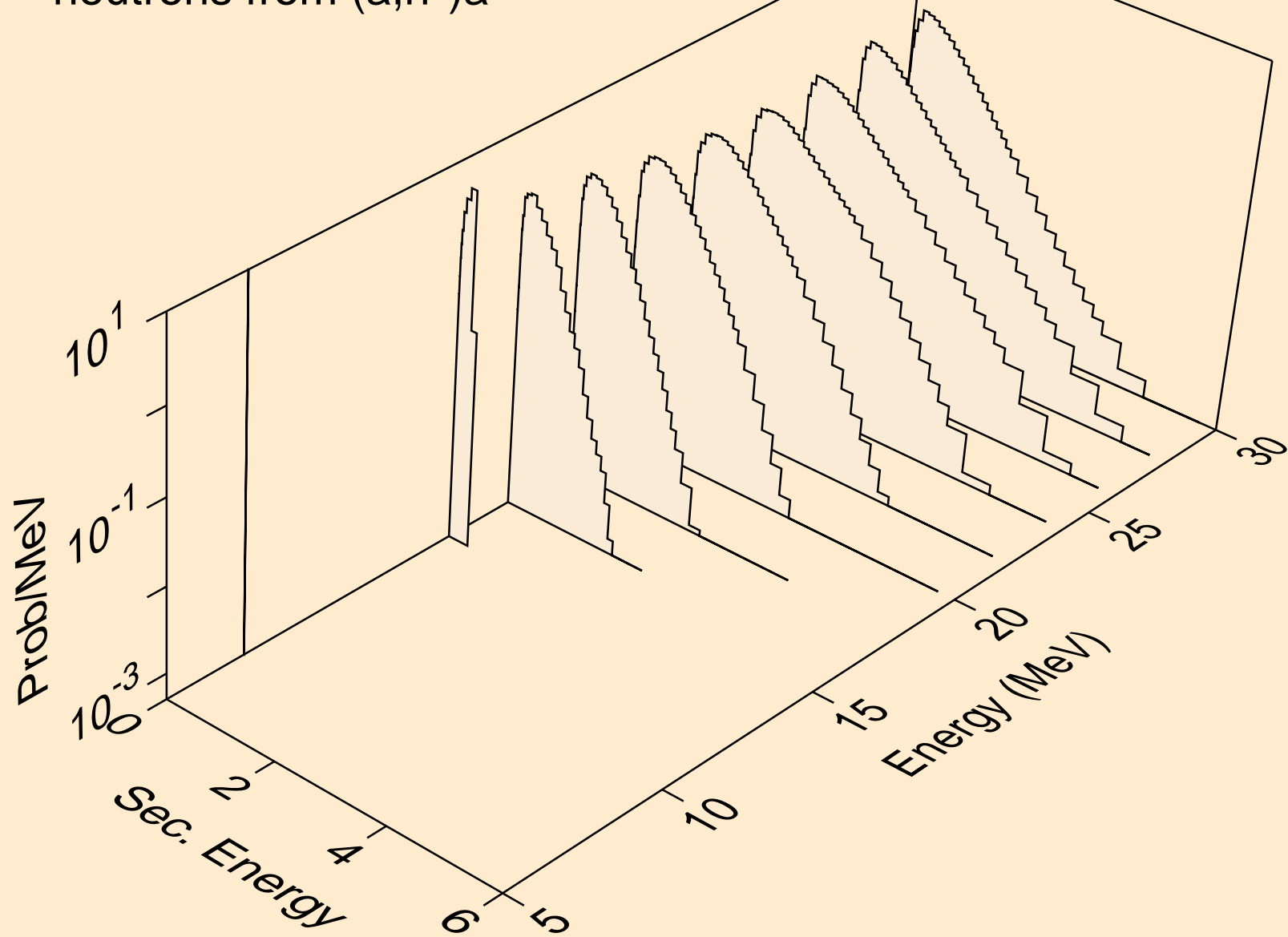
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



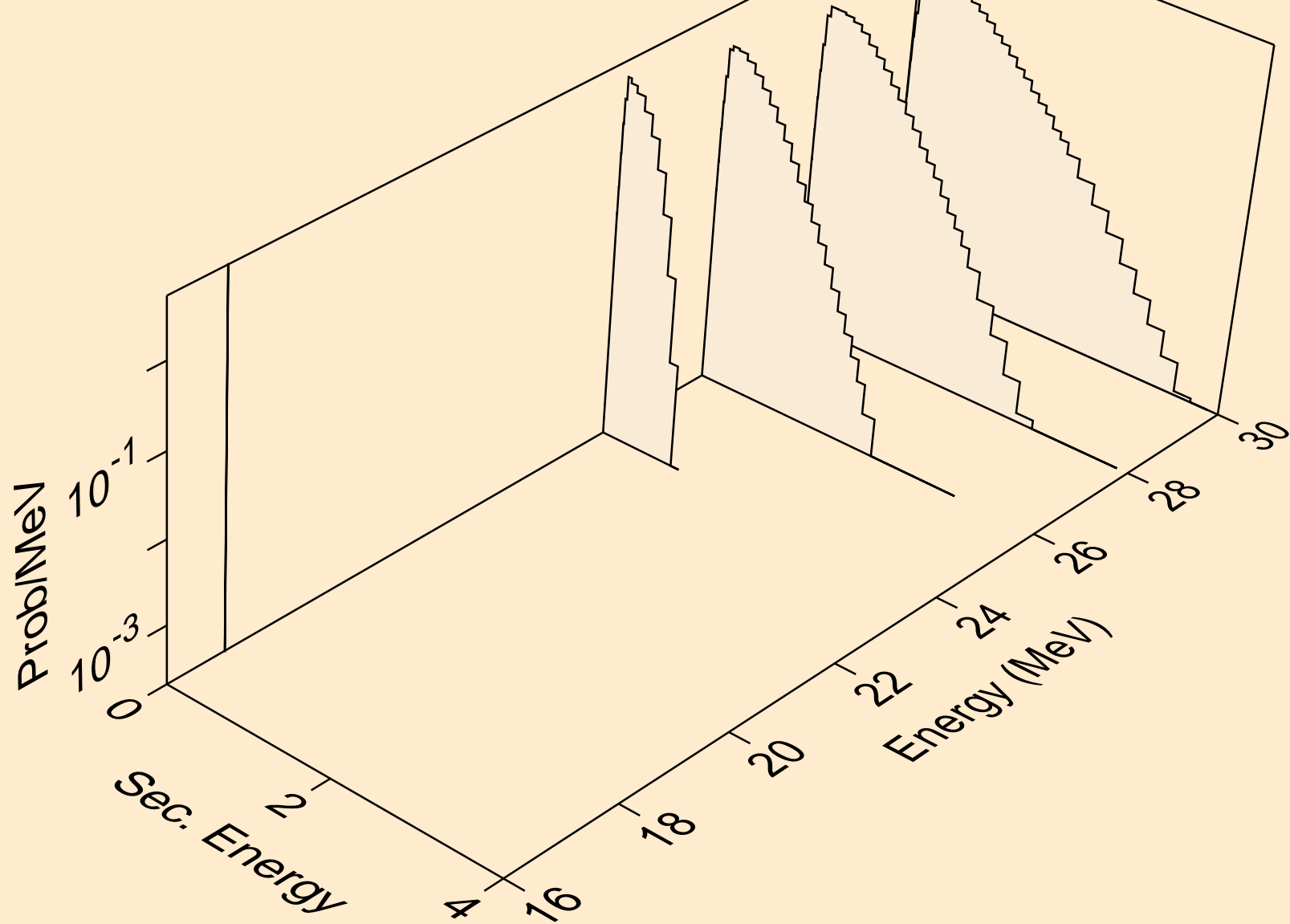
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neutrons from (a,2n)



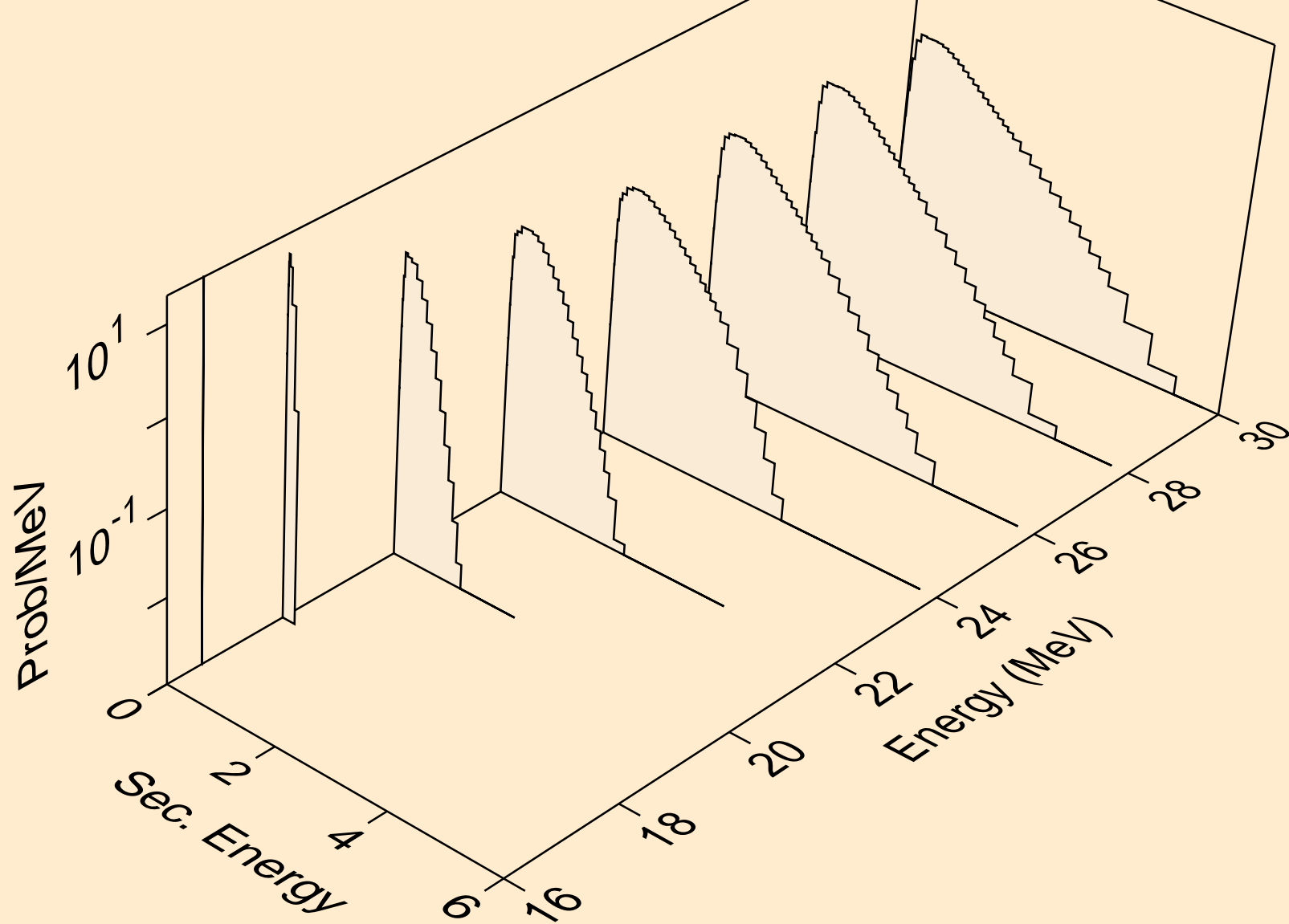
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



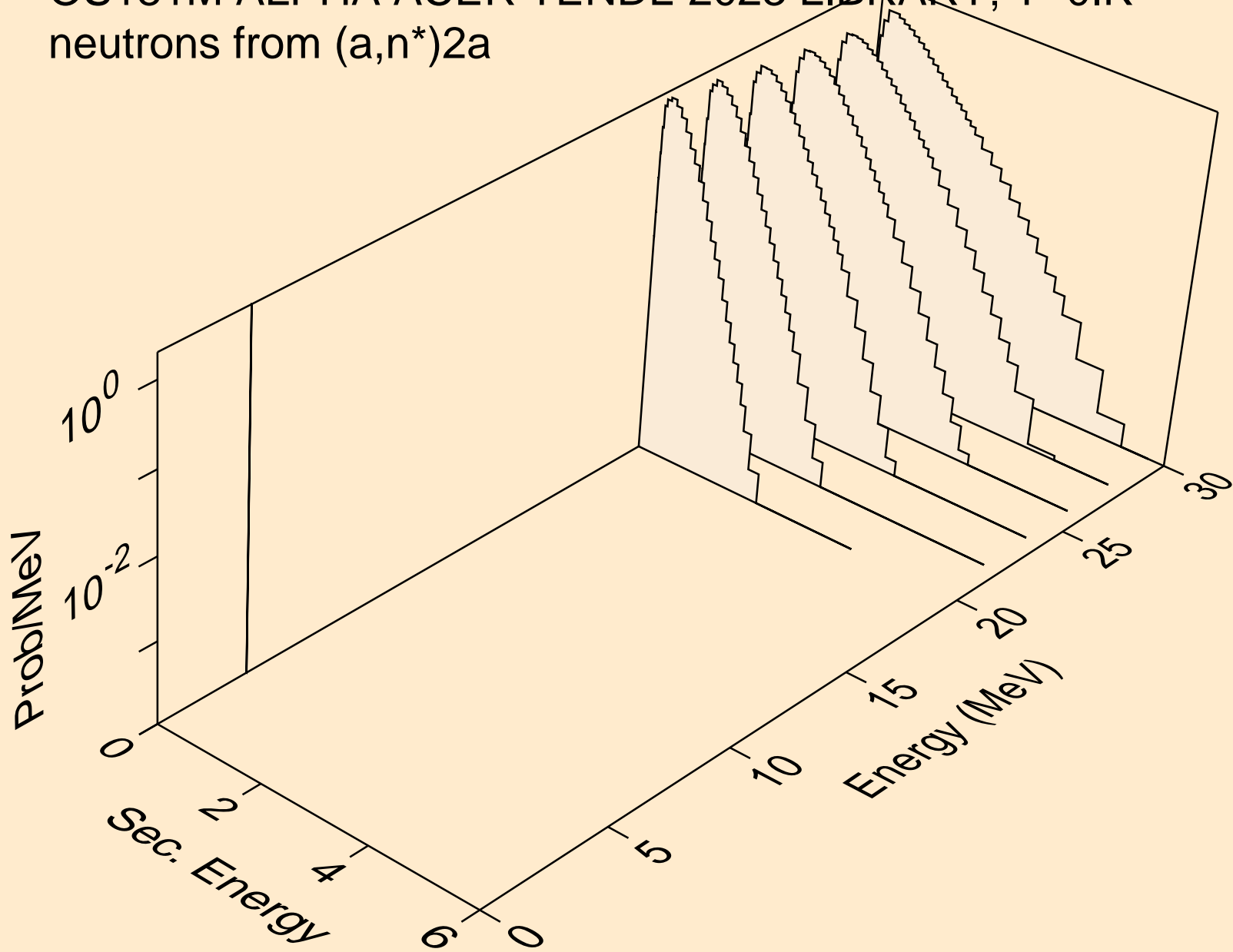
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neutrons from (a,2n)a



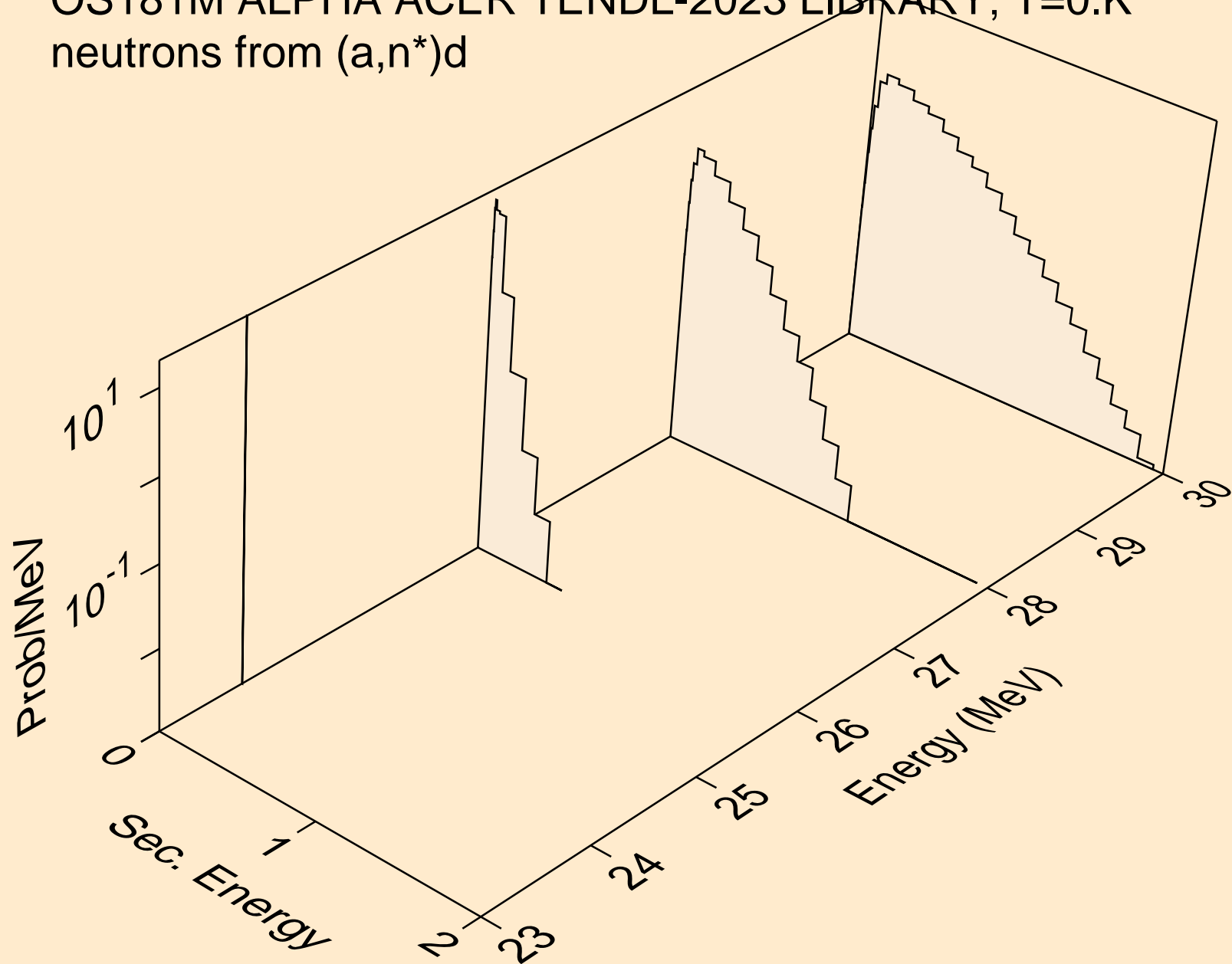
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



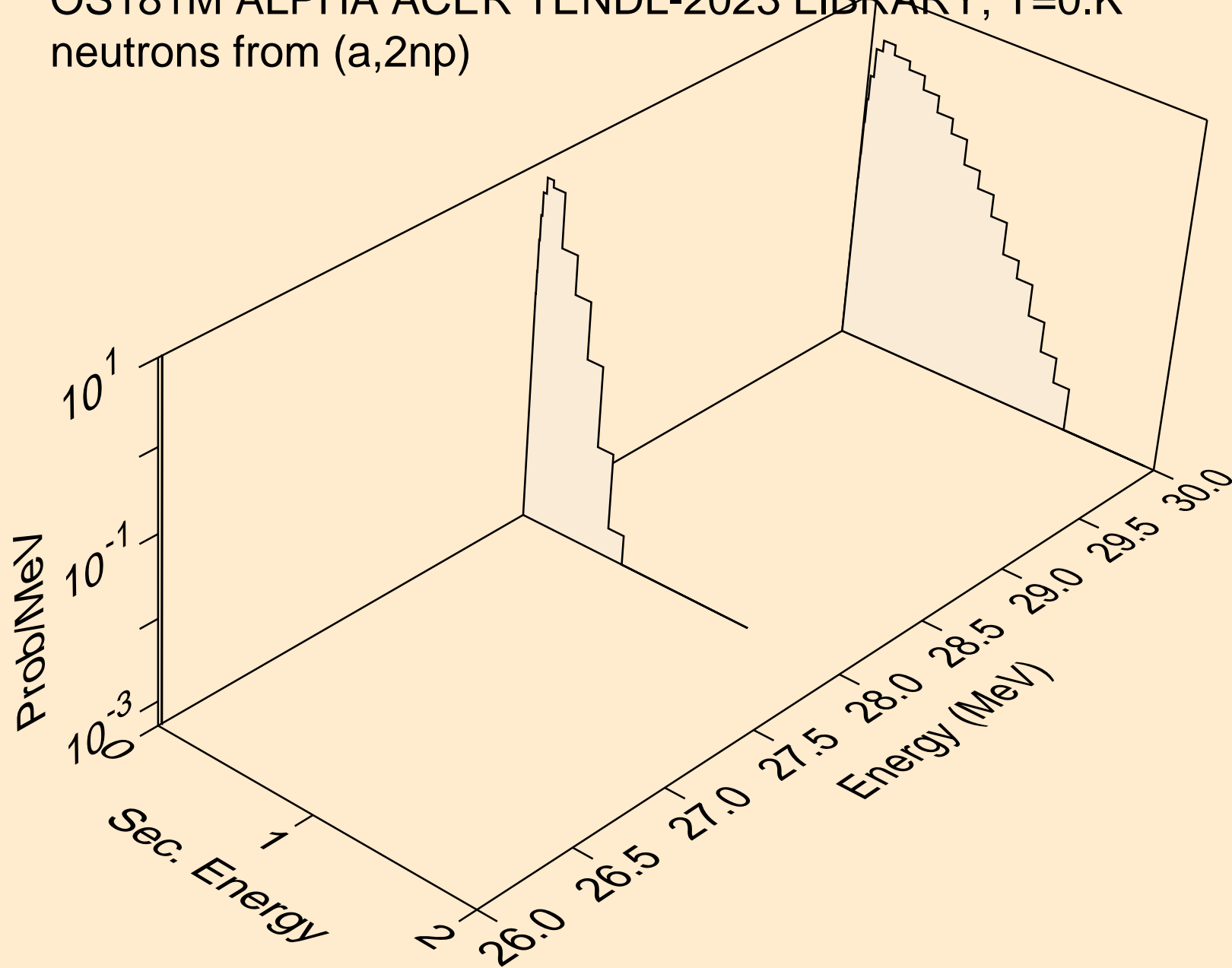
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d

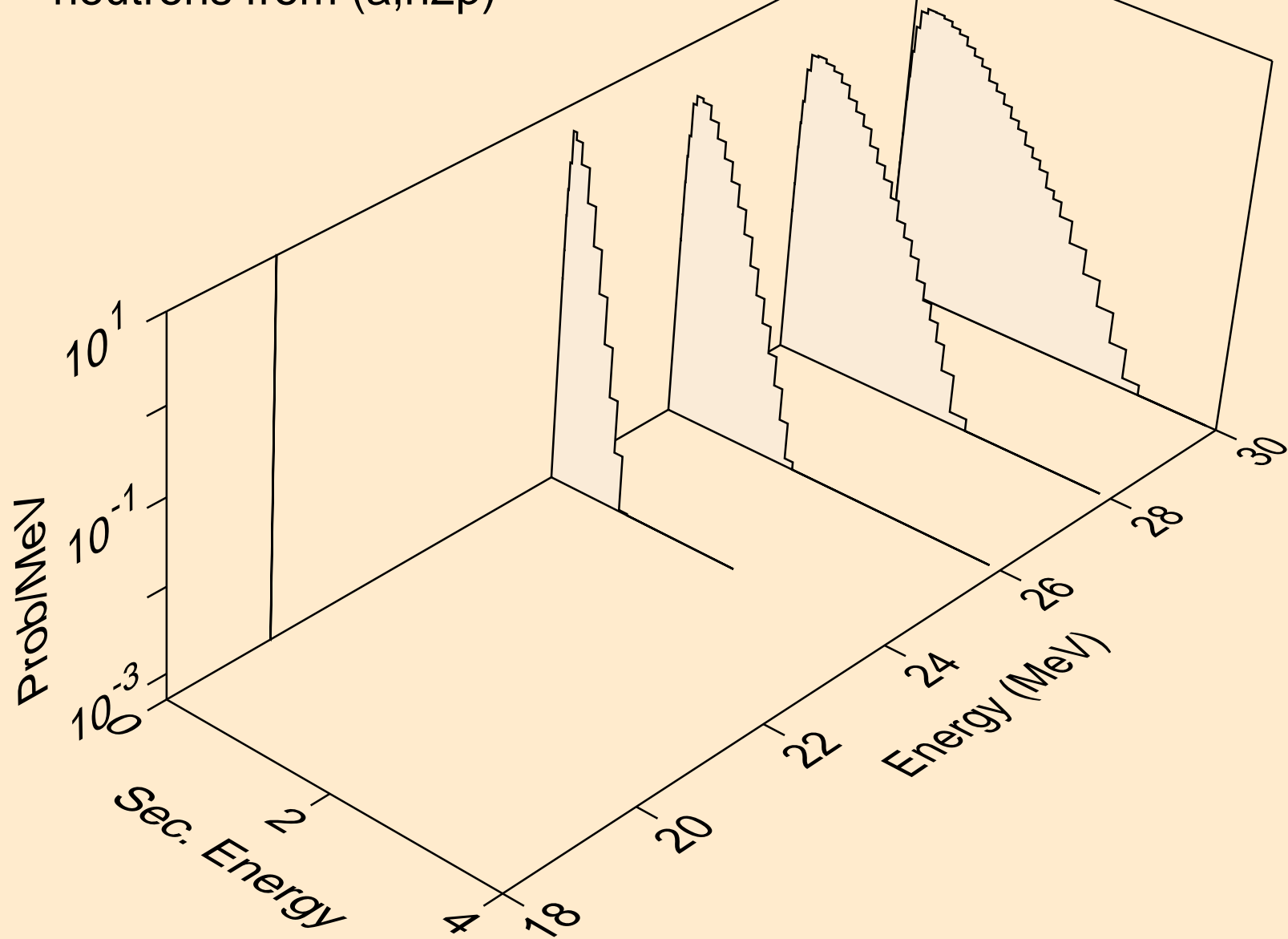


OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

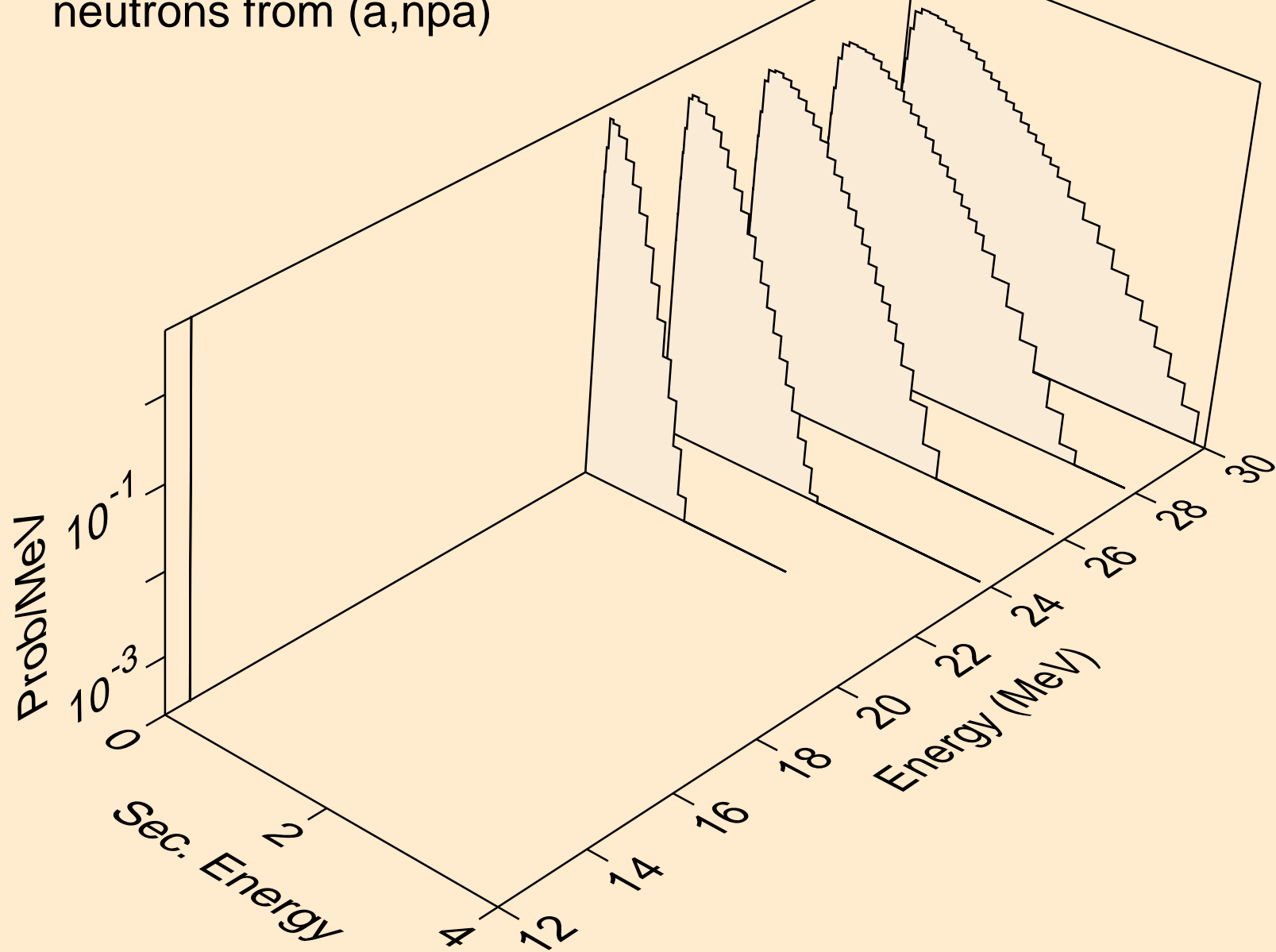




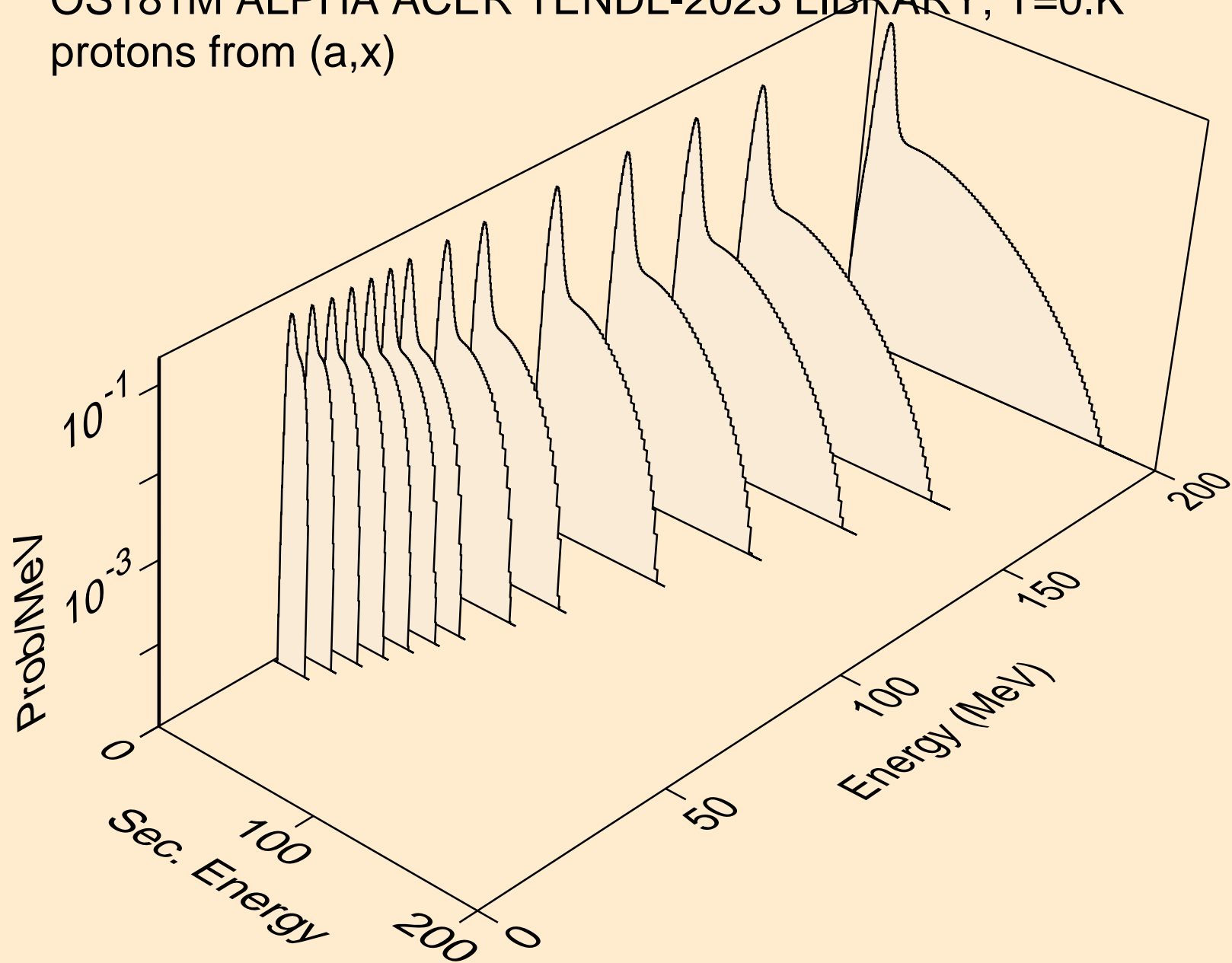
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neutrons from (a,n2p)



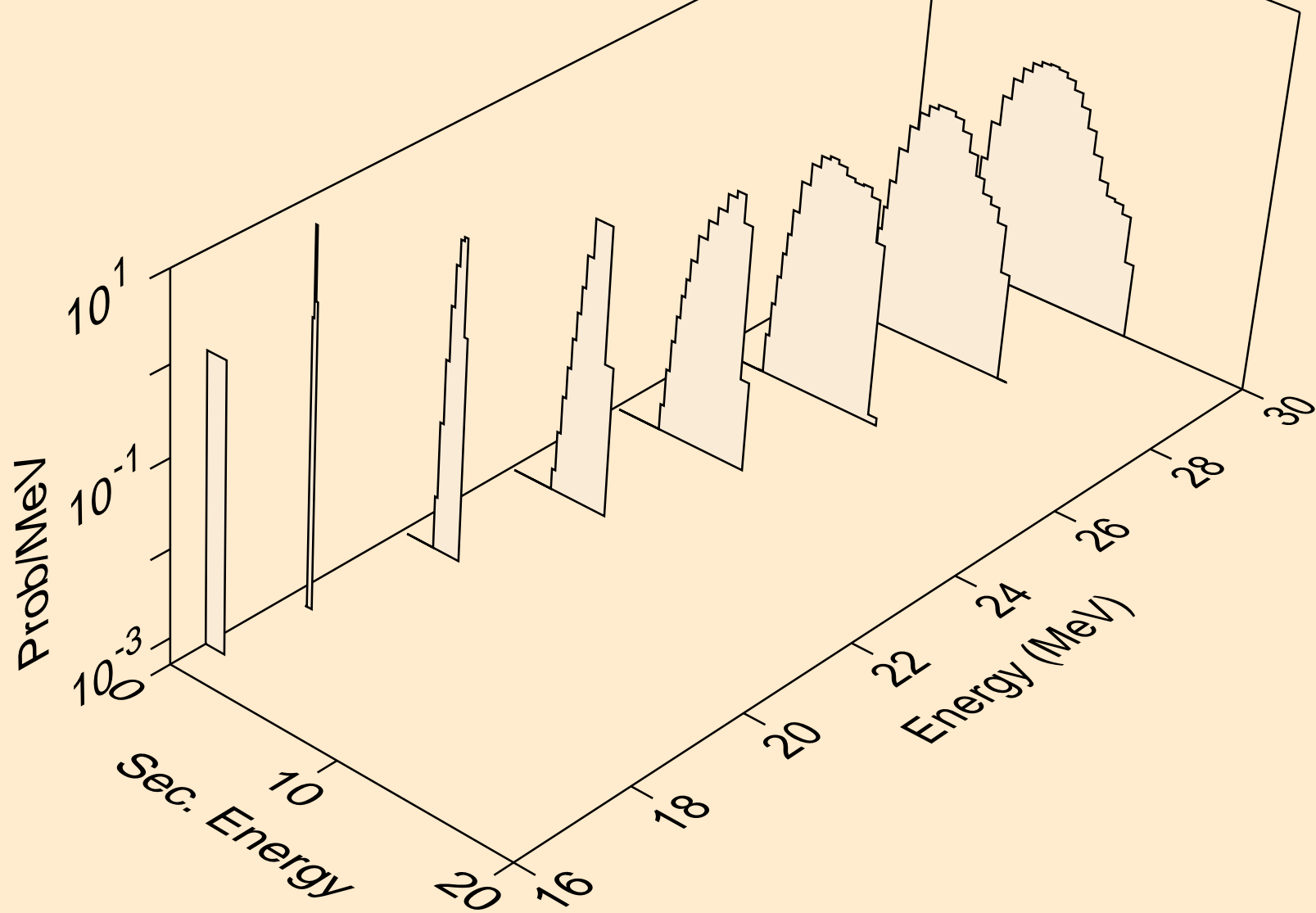
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



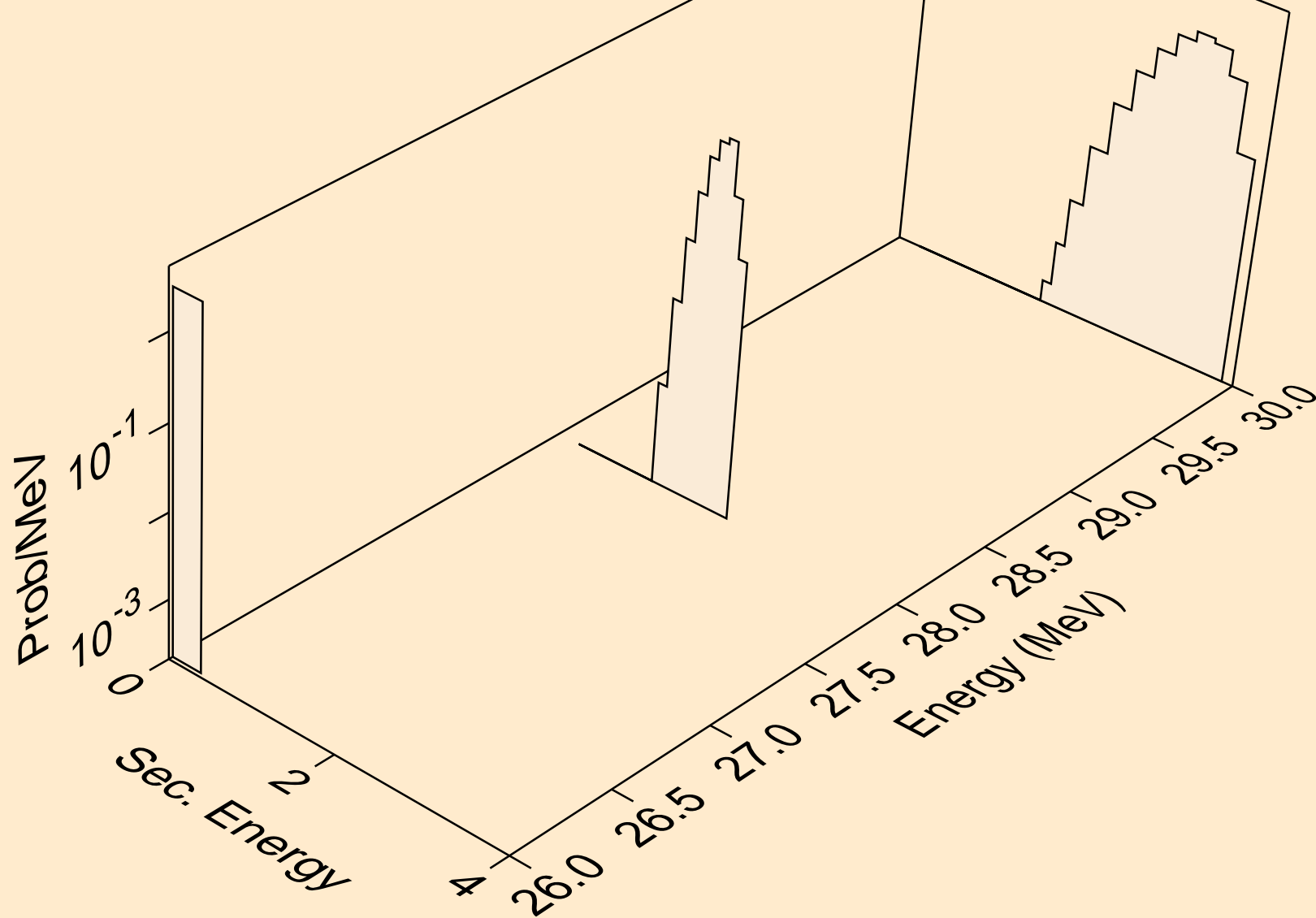
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



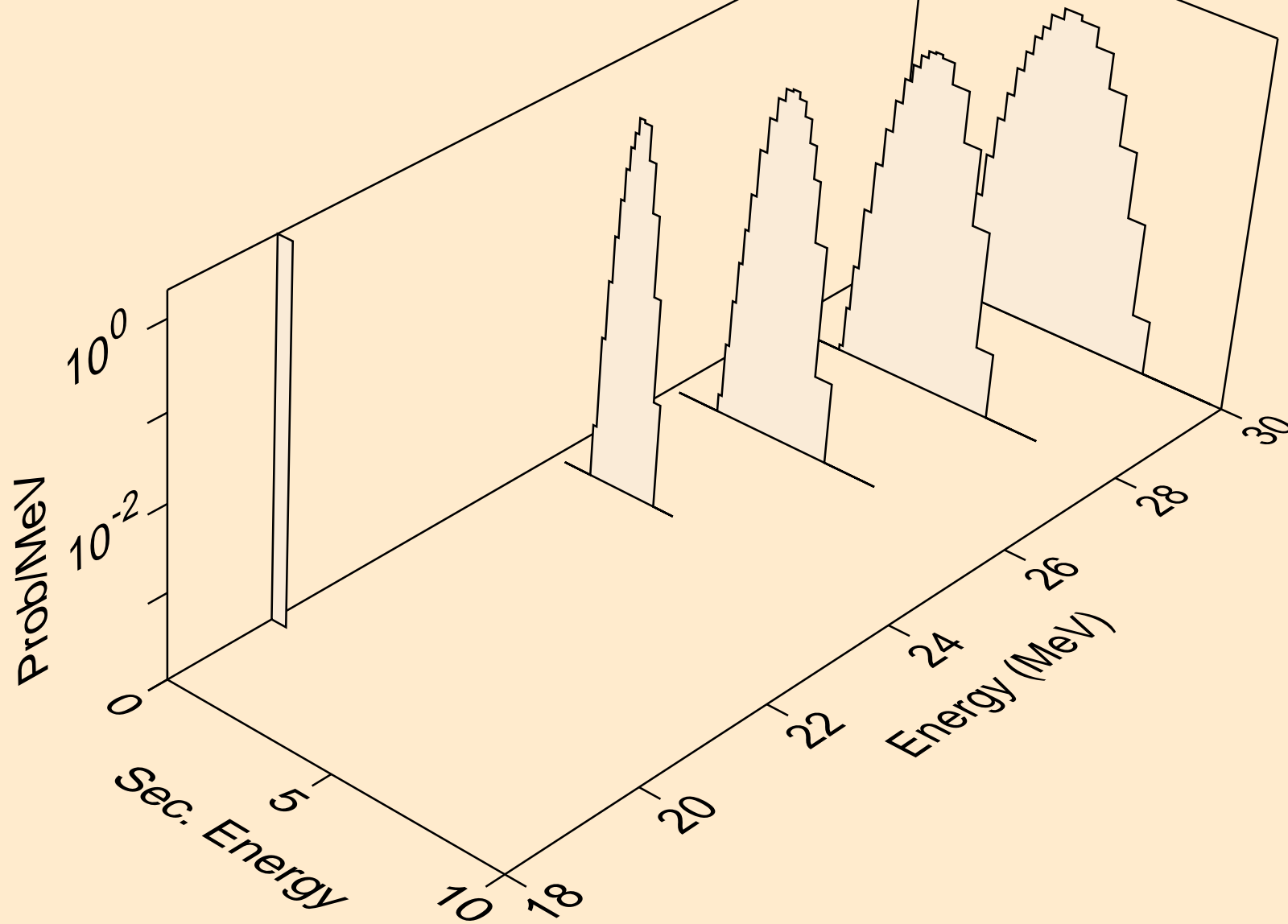
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



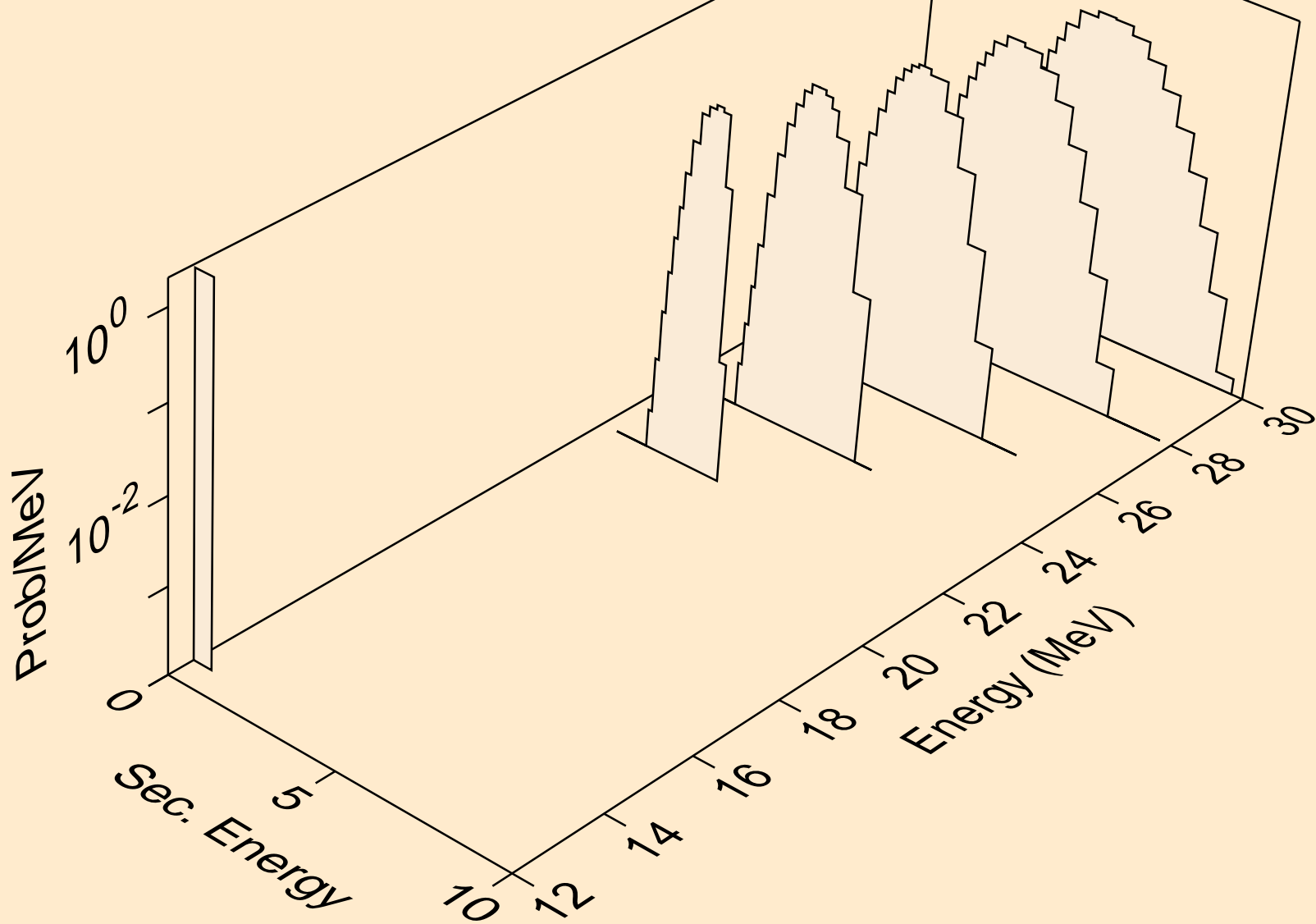
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protons from (a,2np)



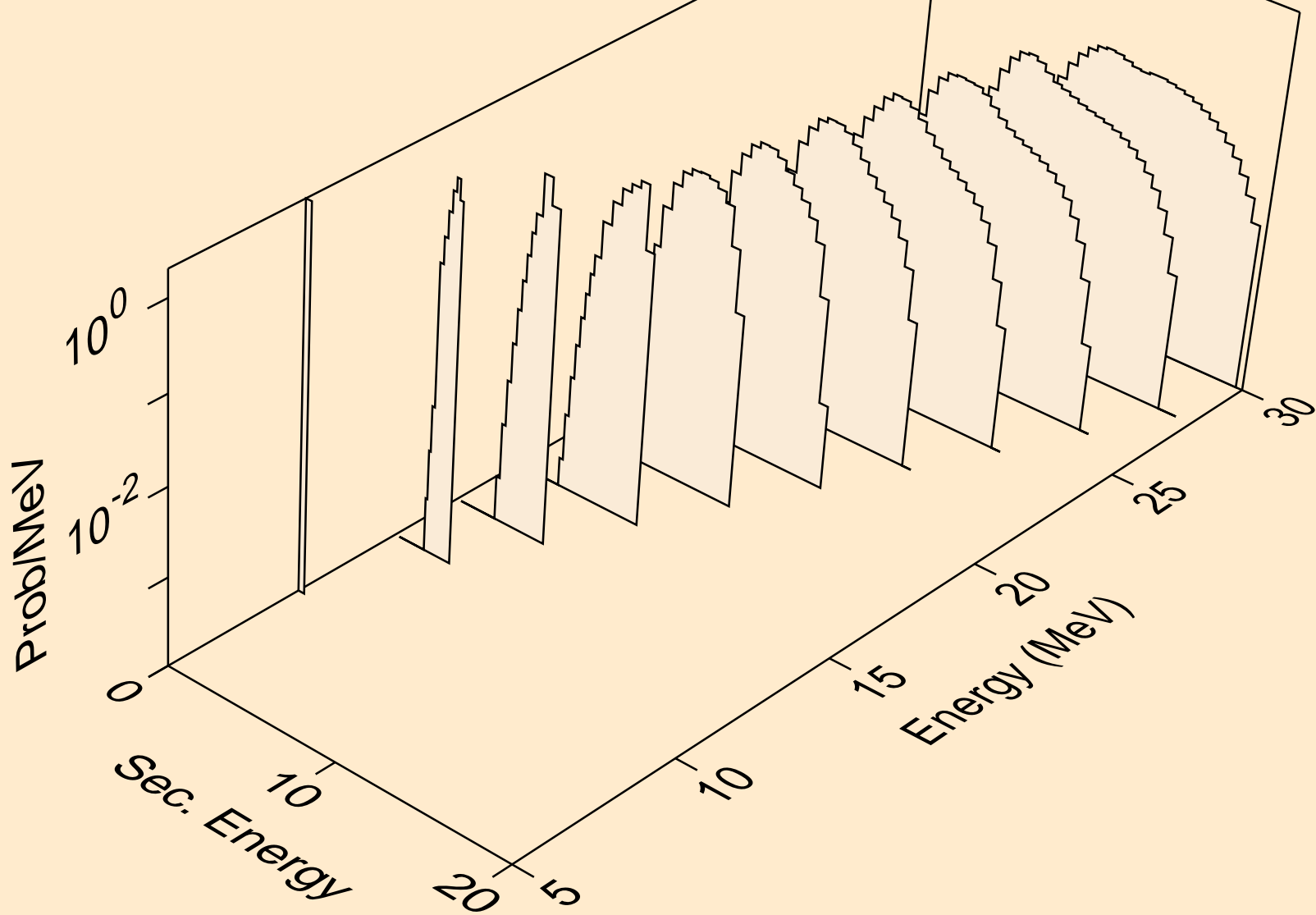
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)

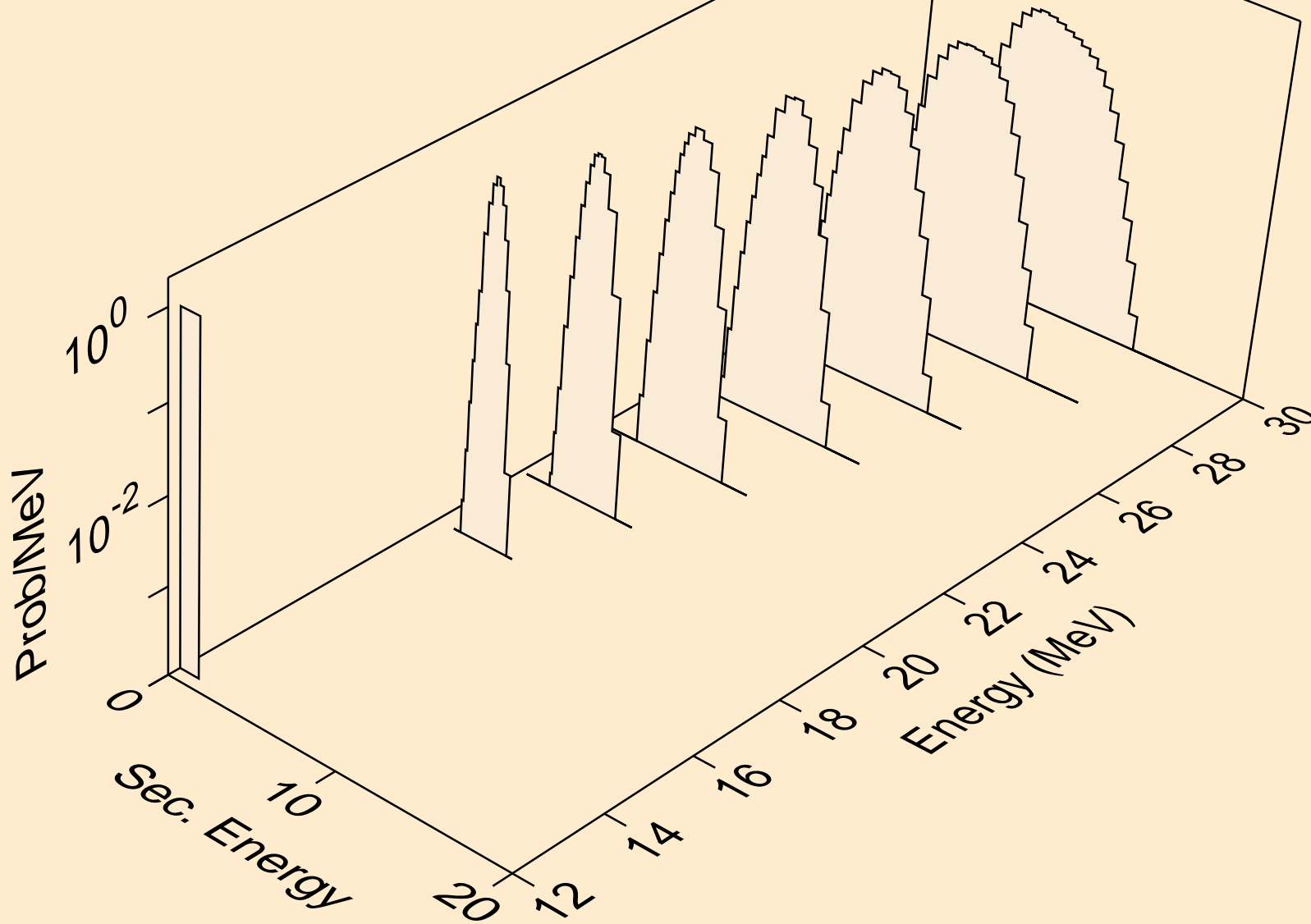


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protons from (a,p)

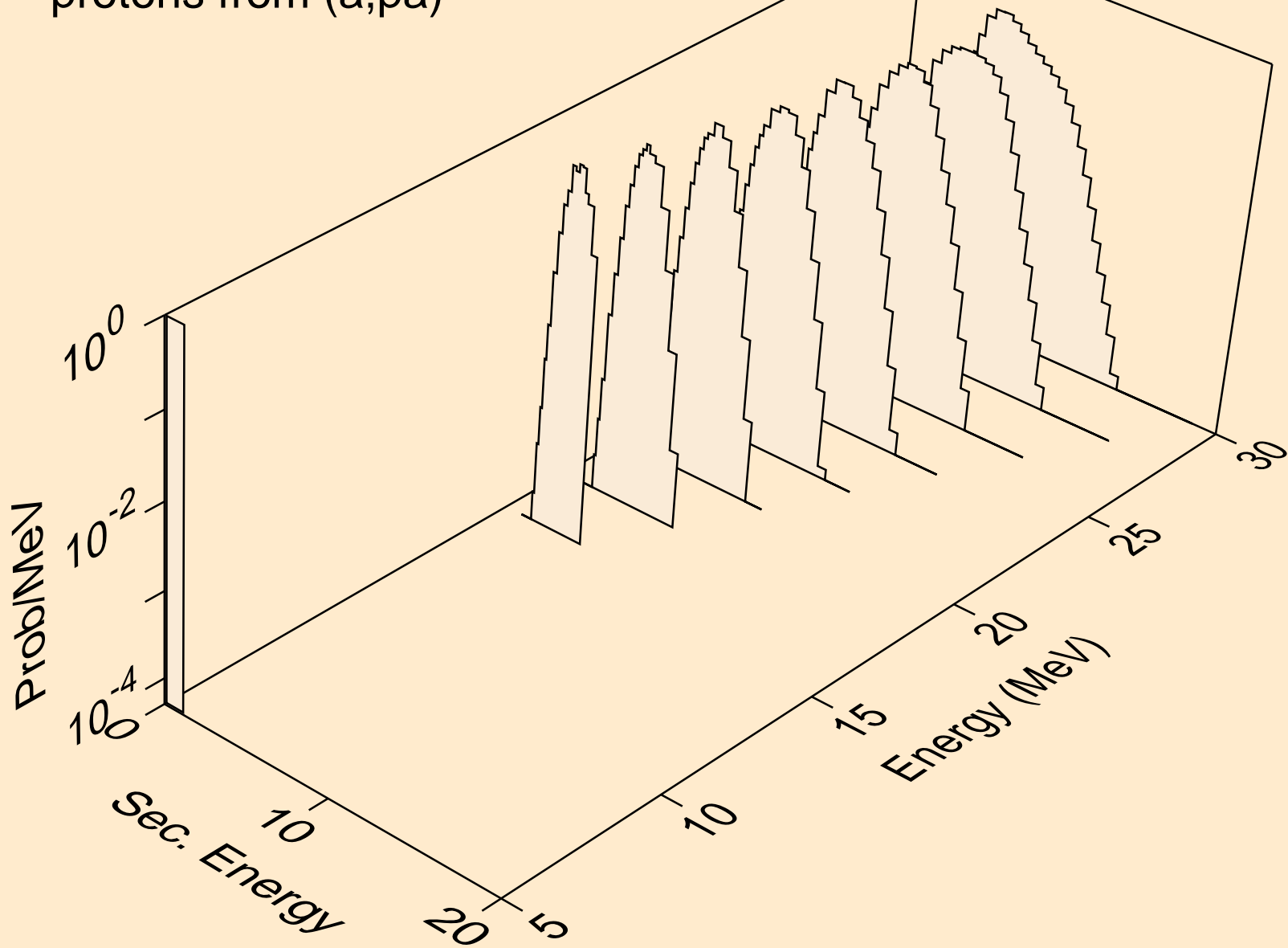




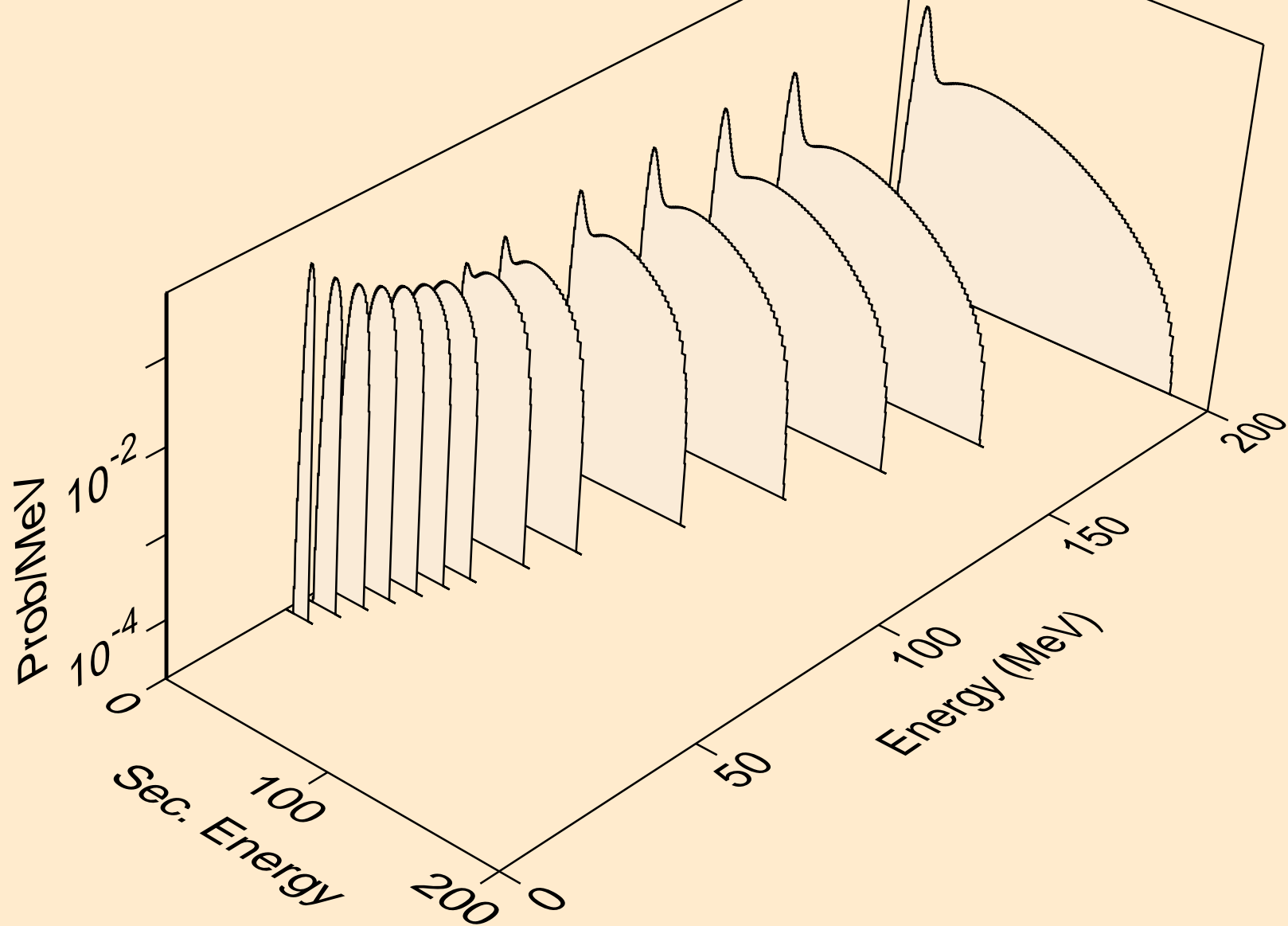
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



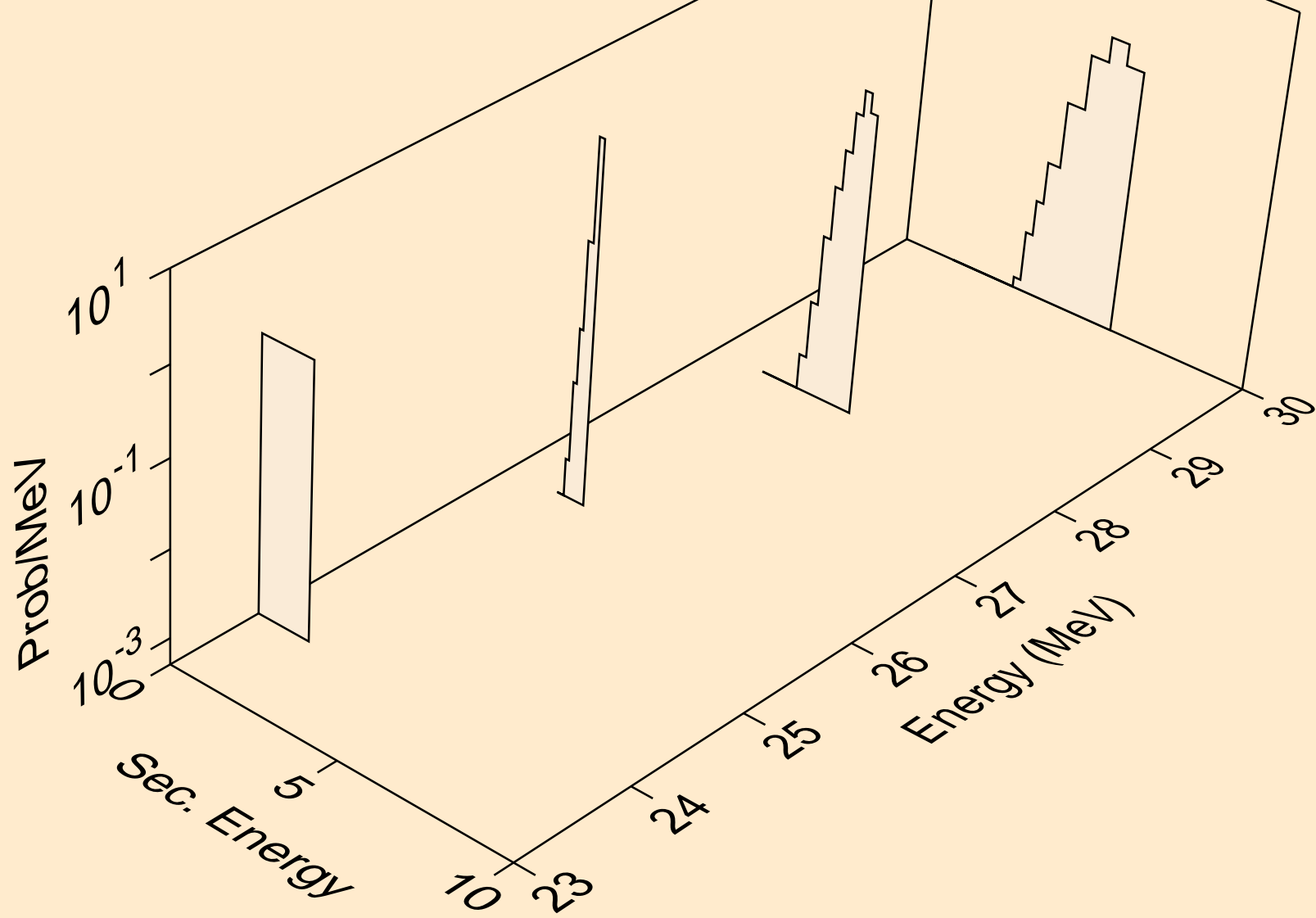
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



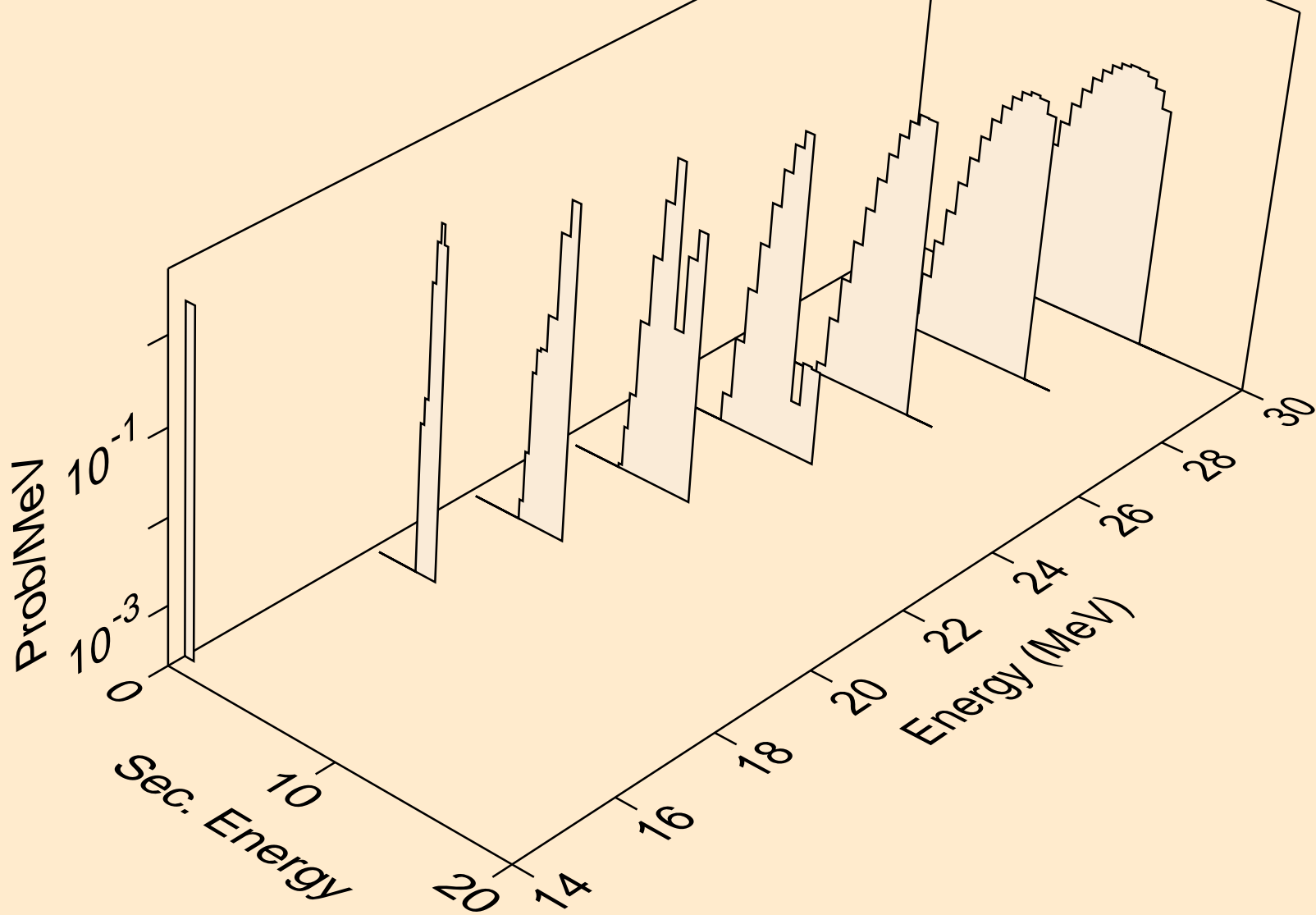
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



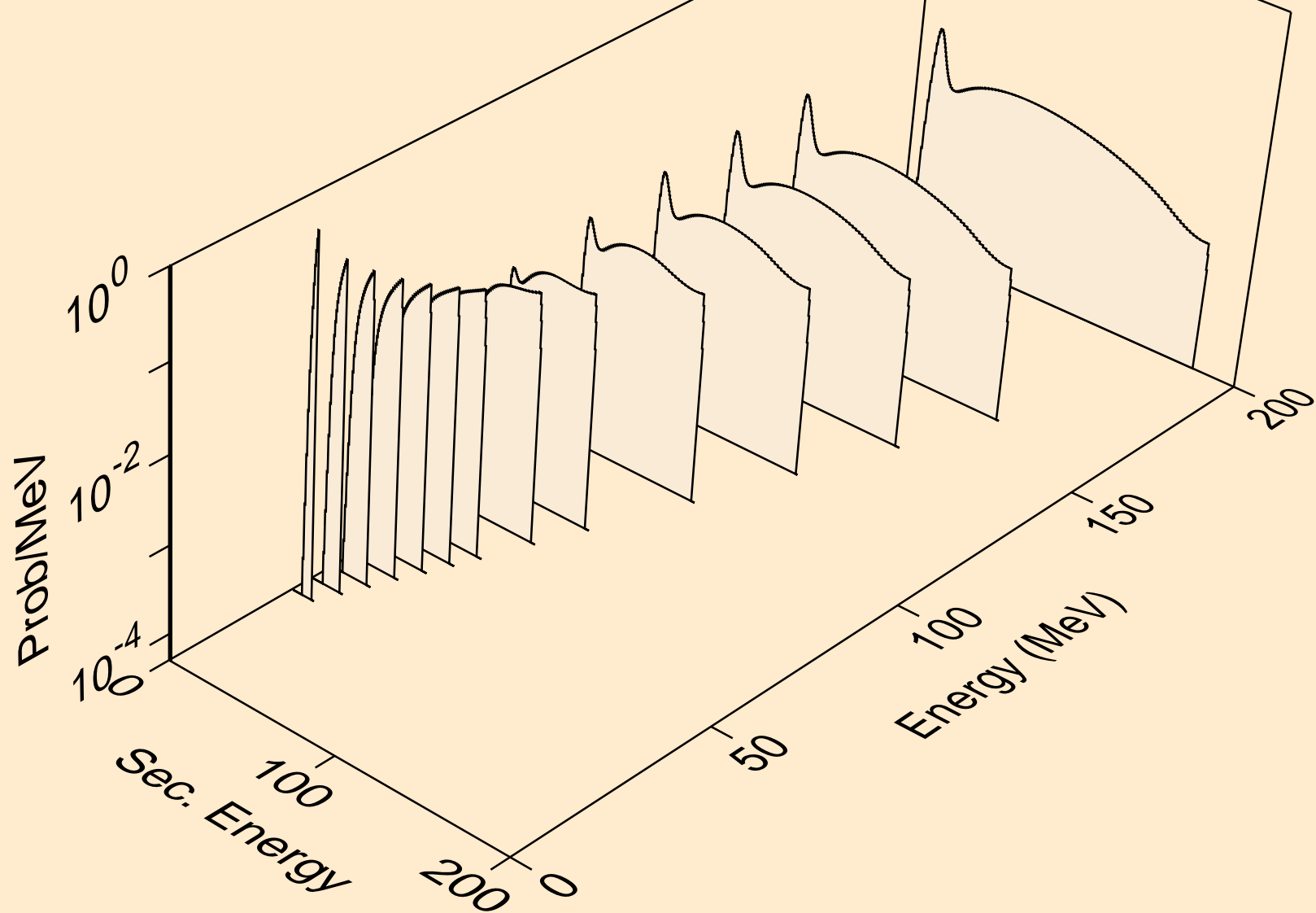
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



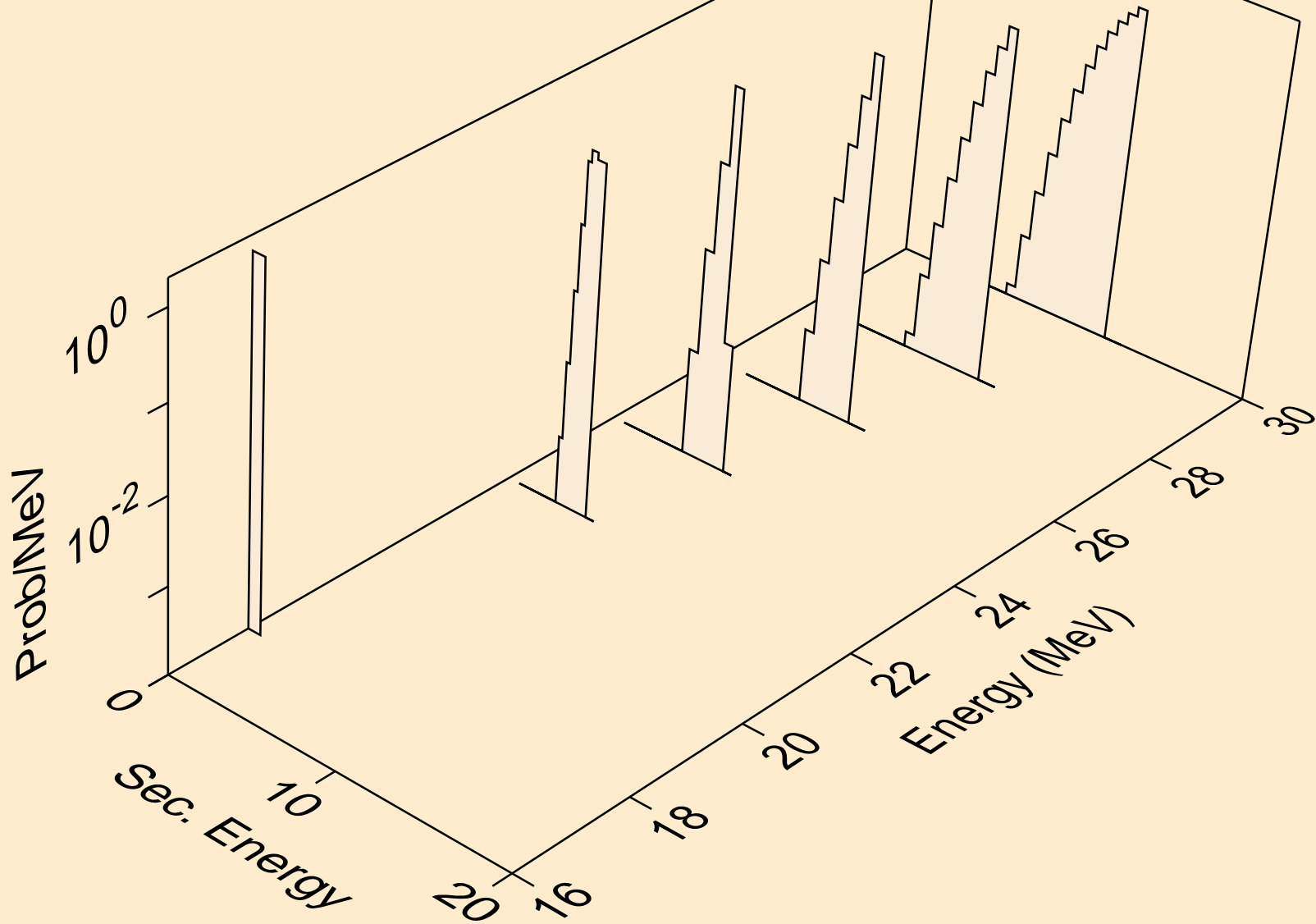
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



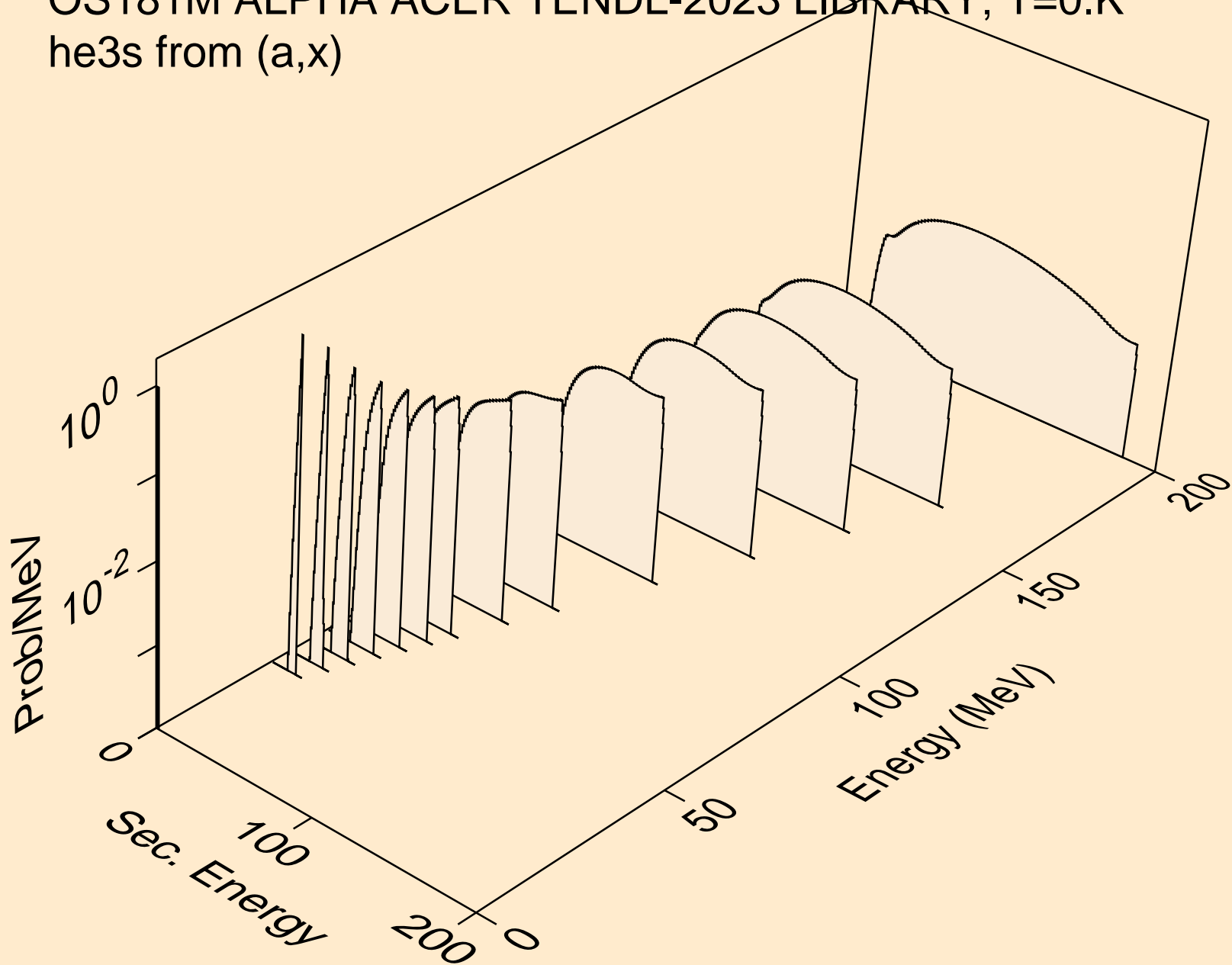
OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)





OS181M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

