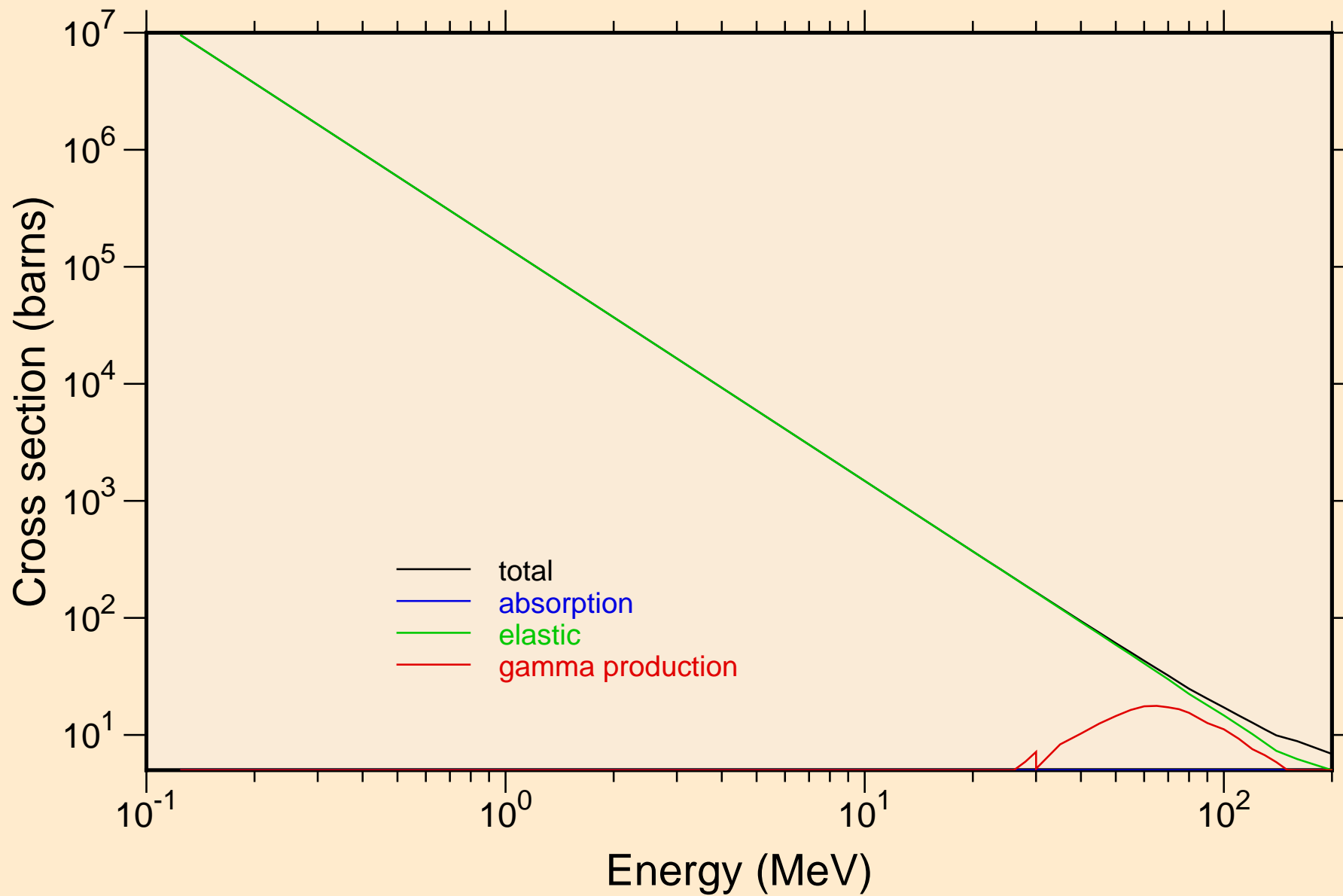


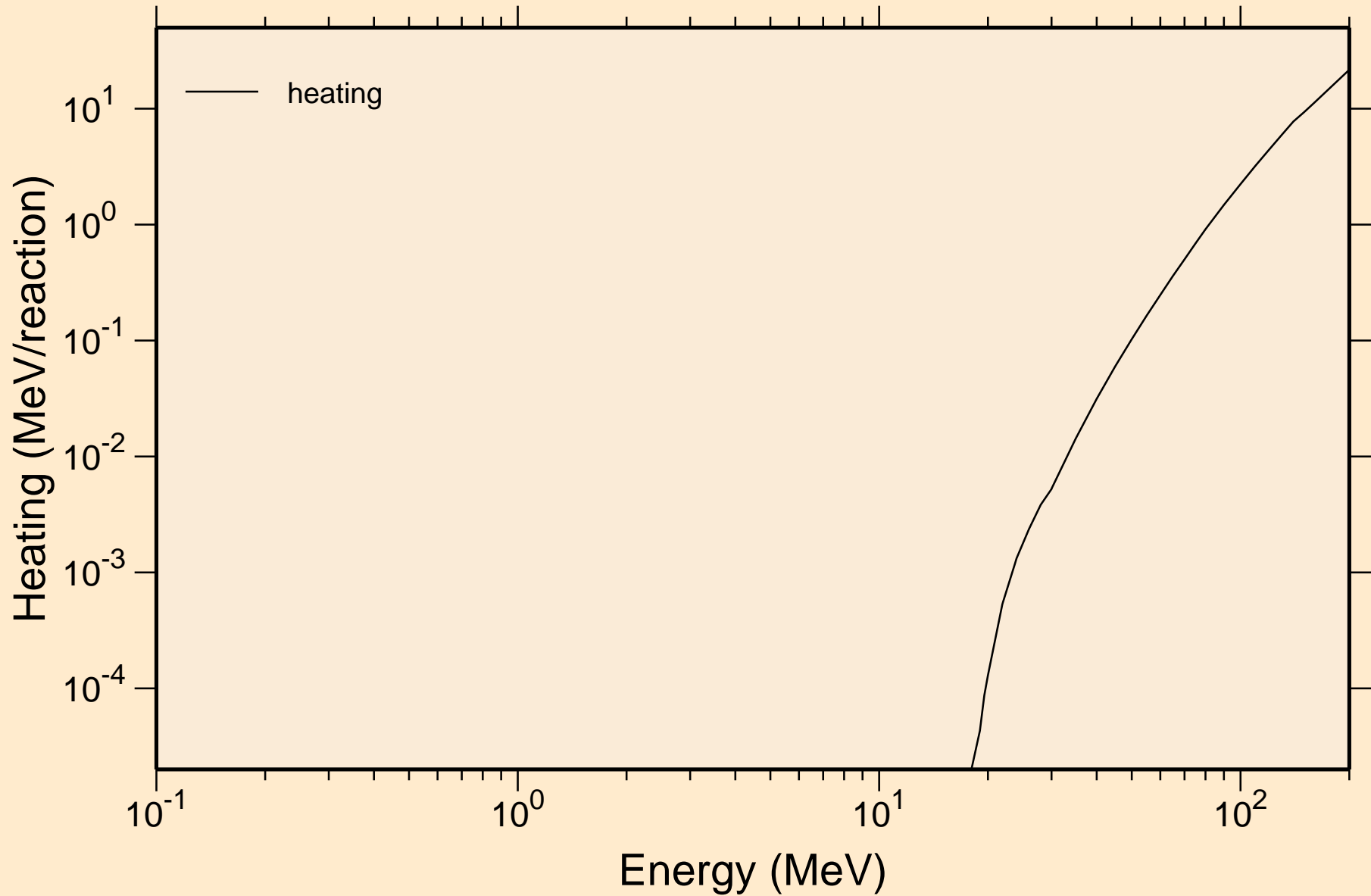
# OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



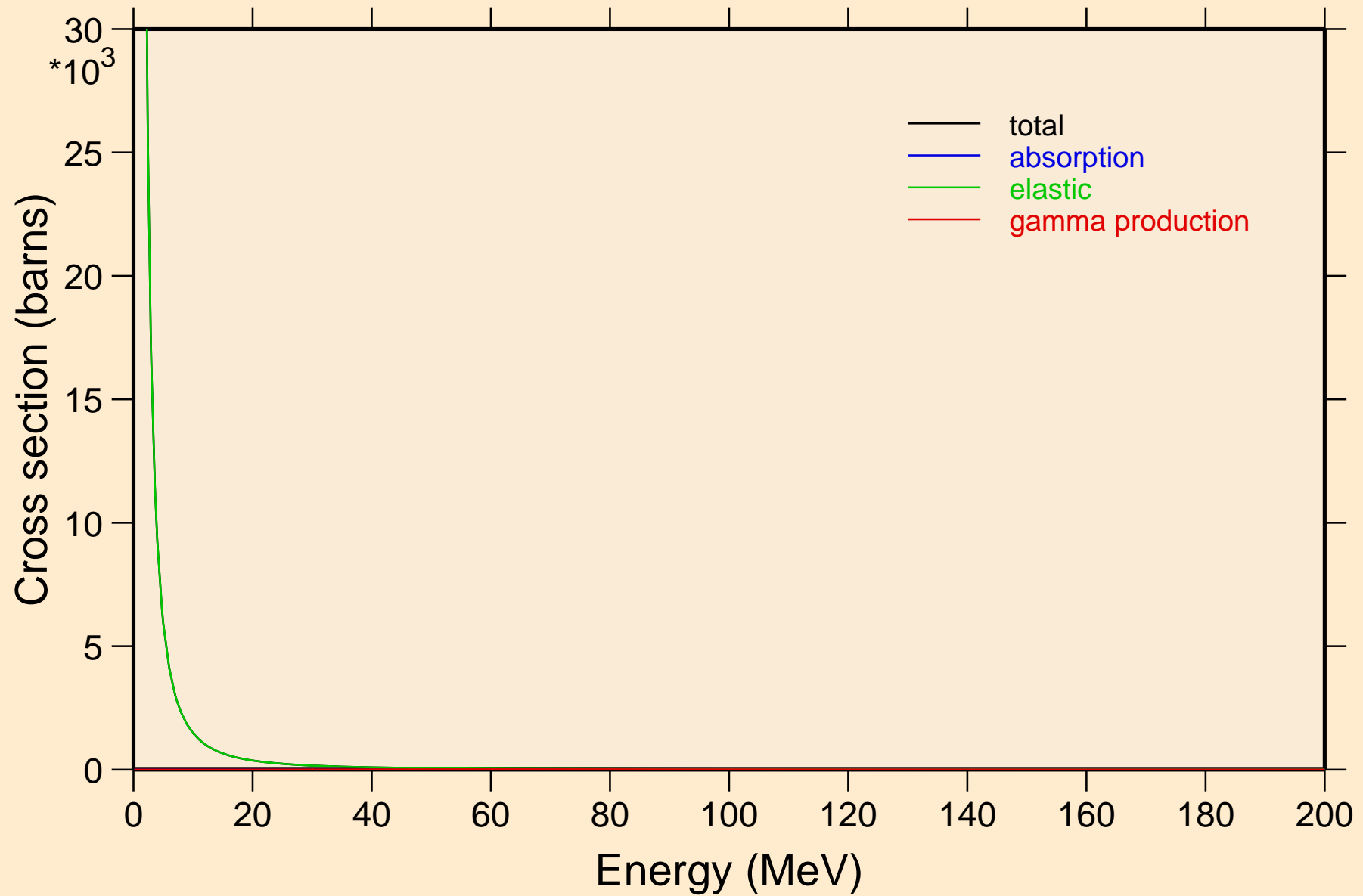
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



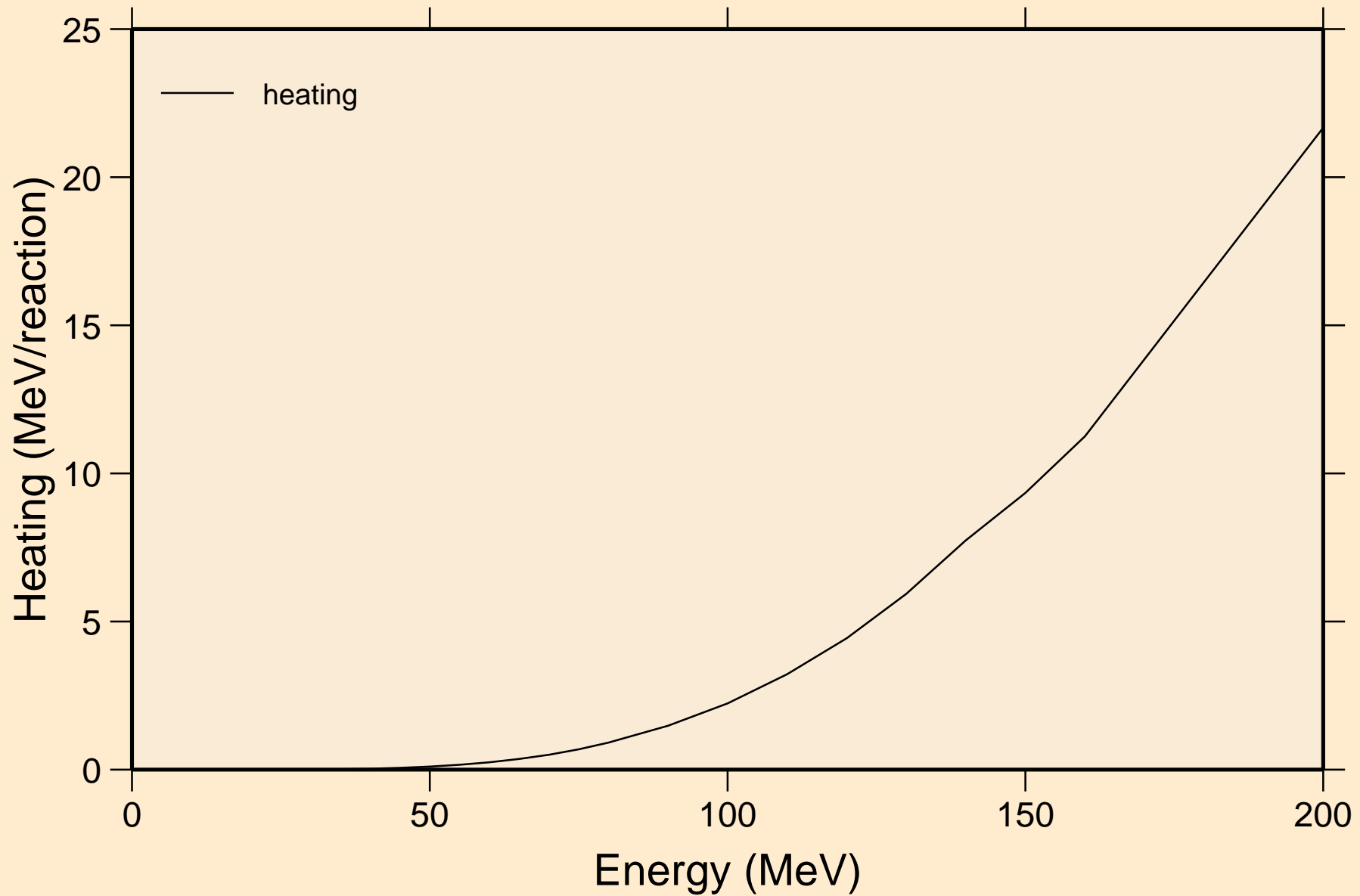
# OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

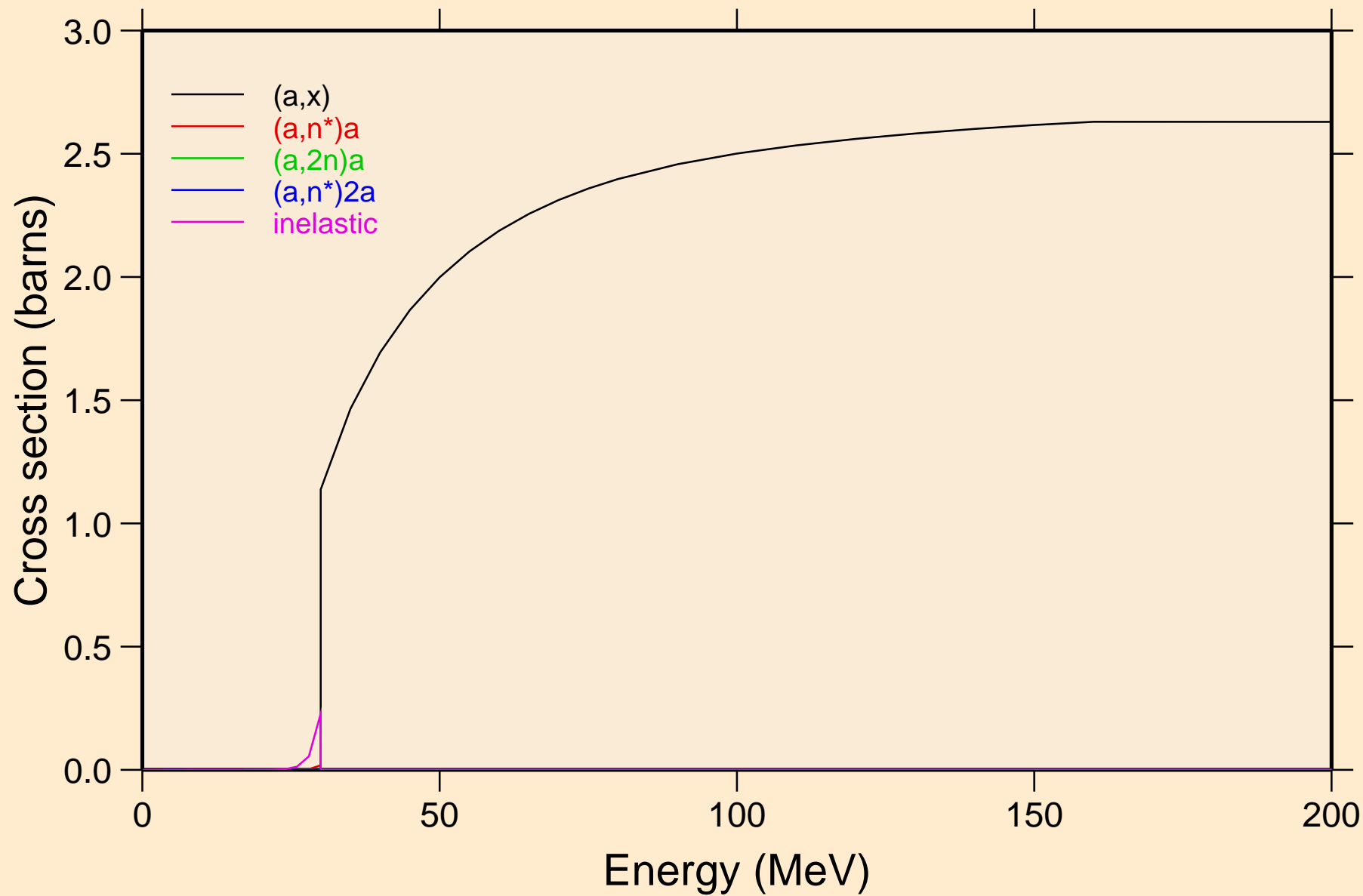


OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

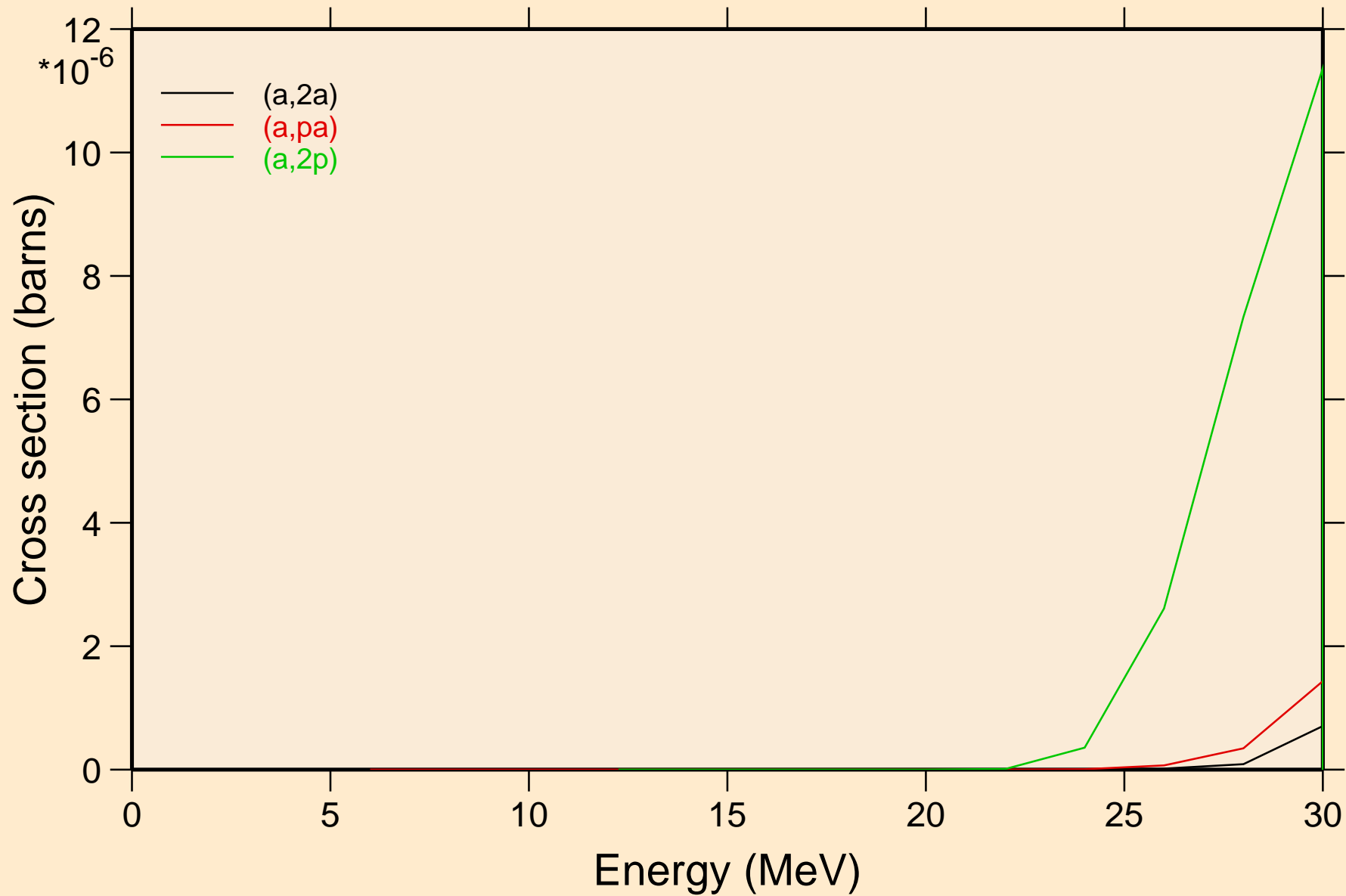
Heating



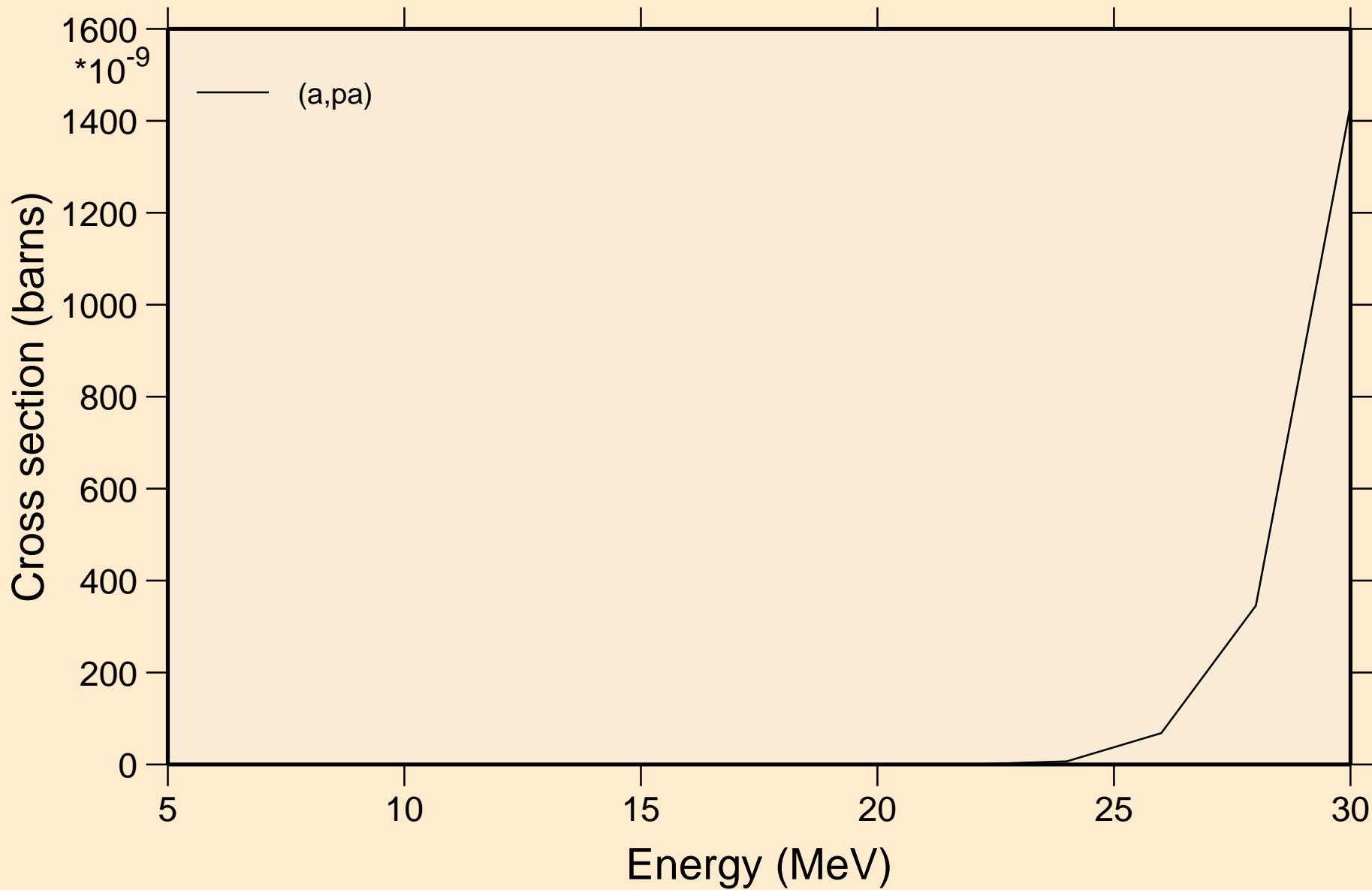
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



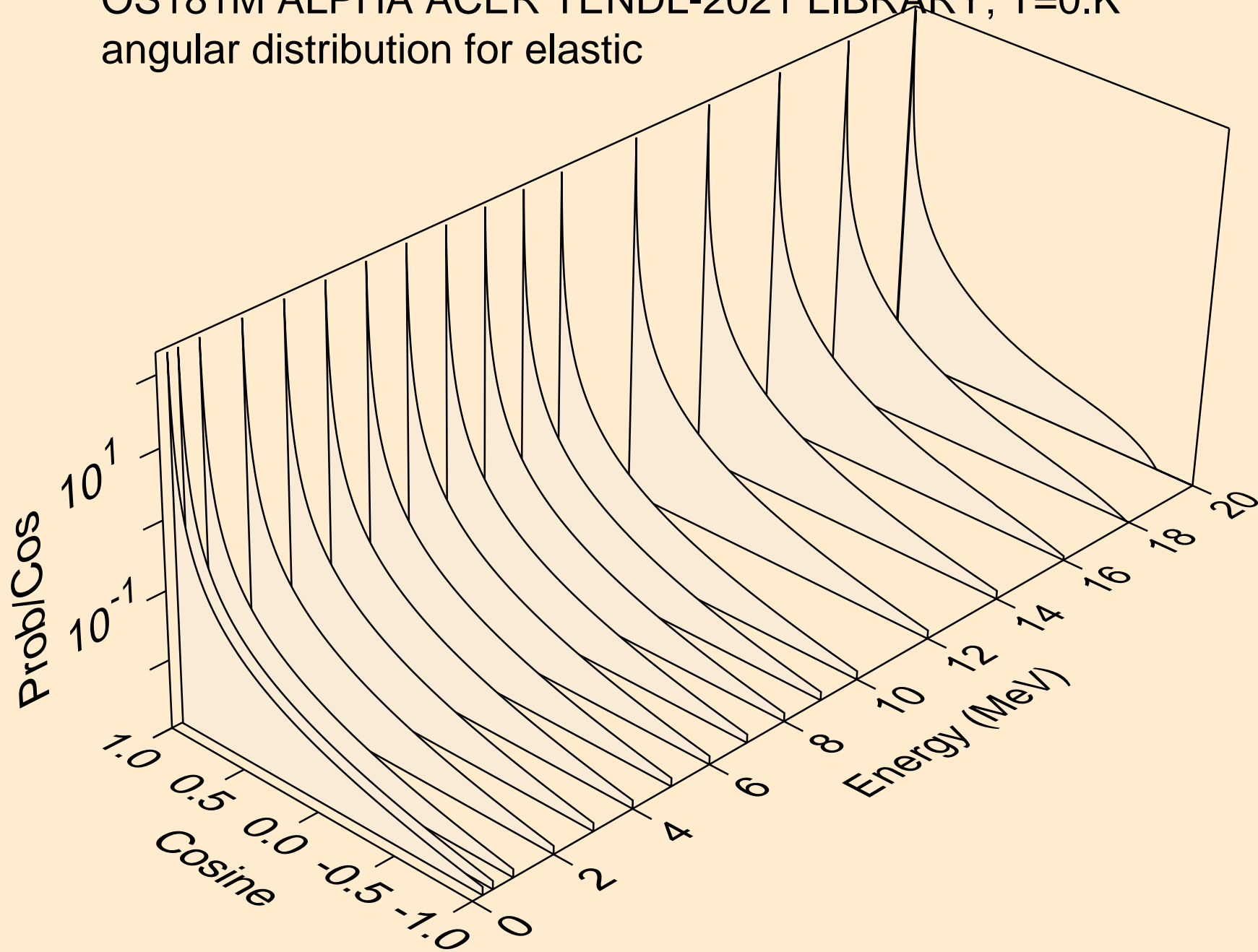
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

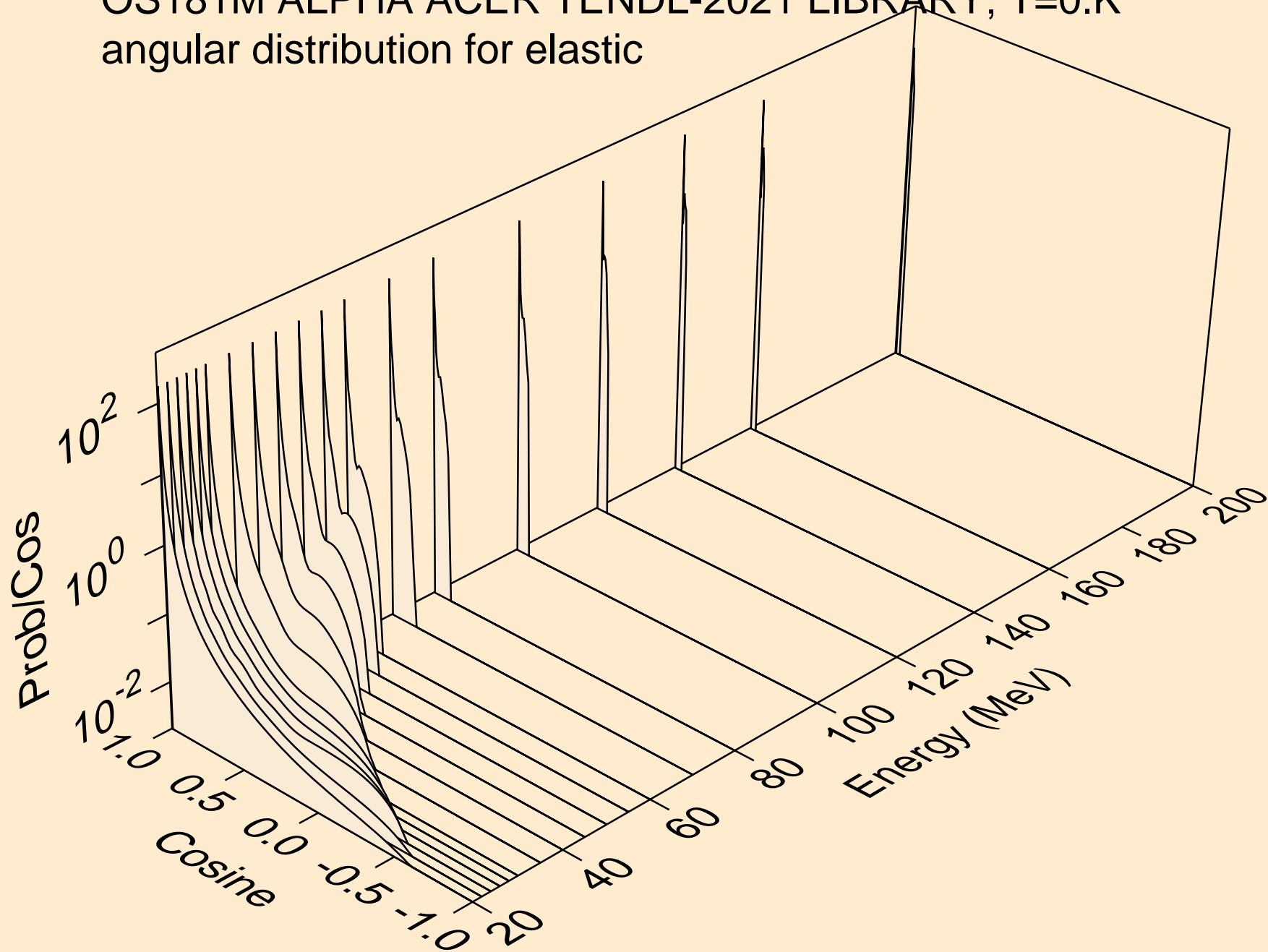


OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

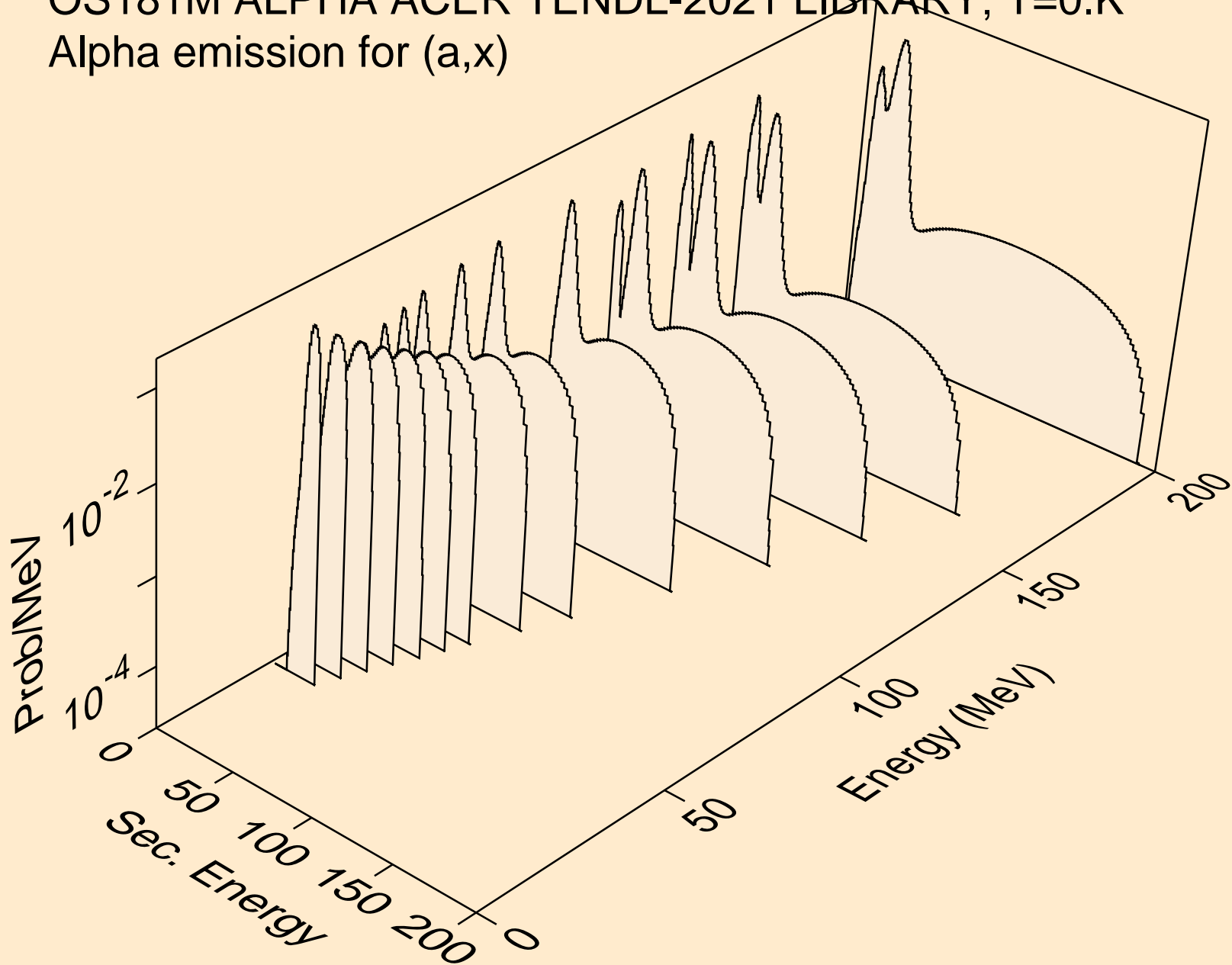




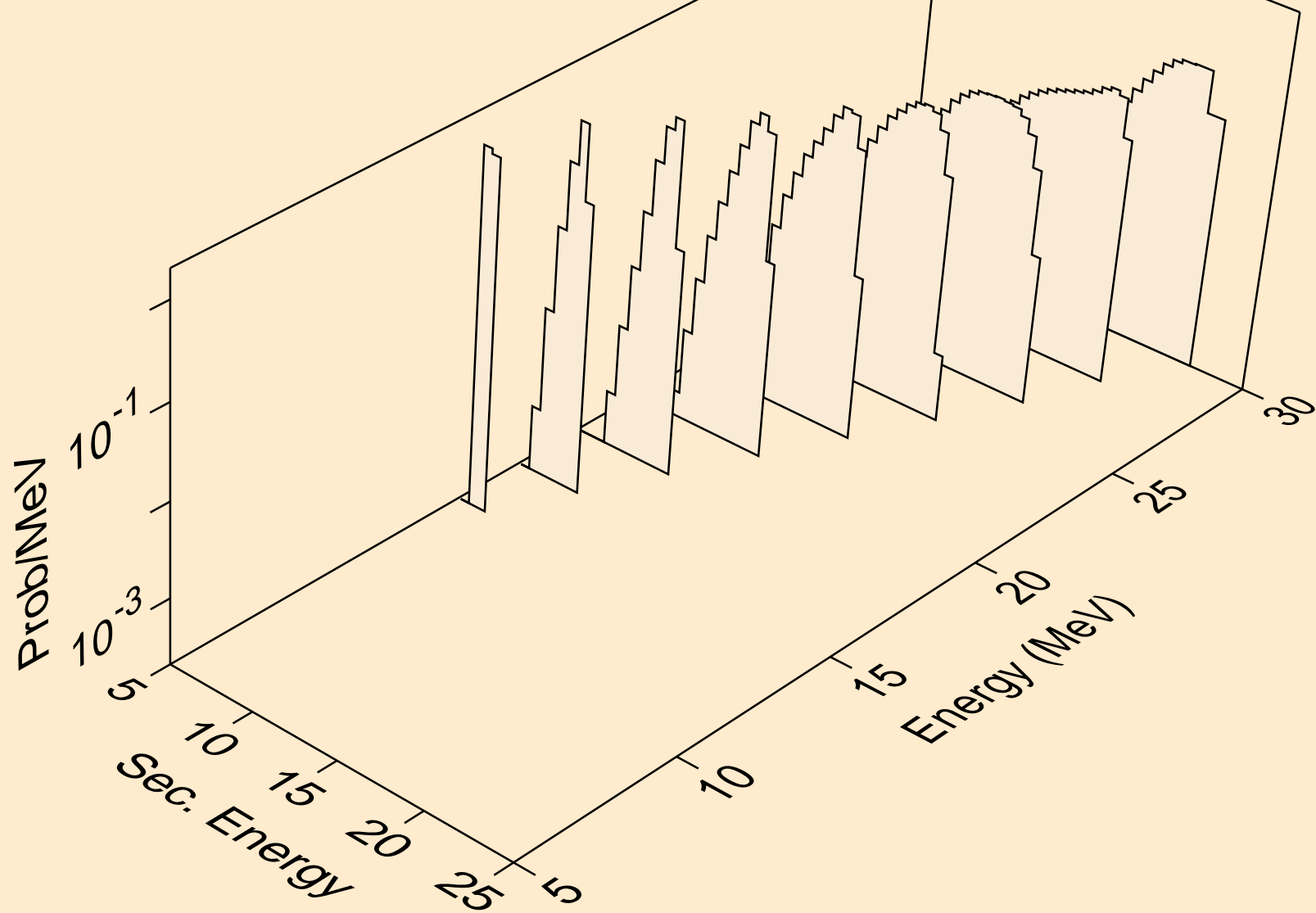
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



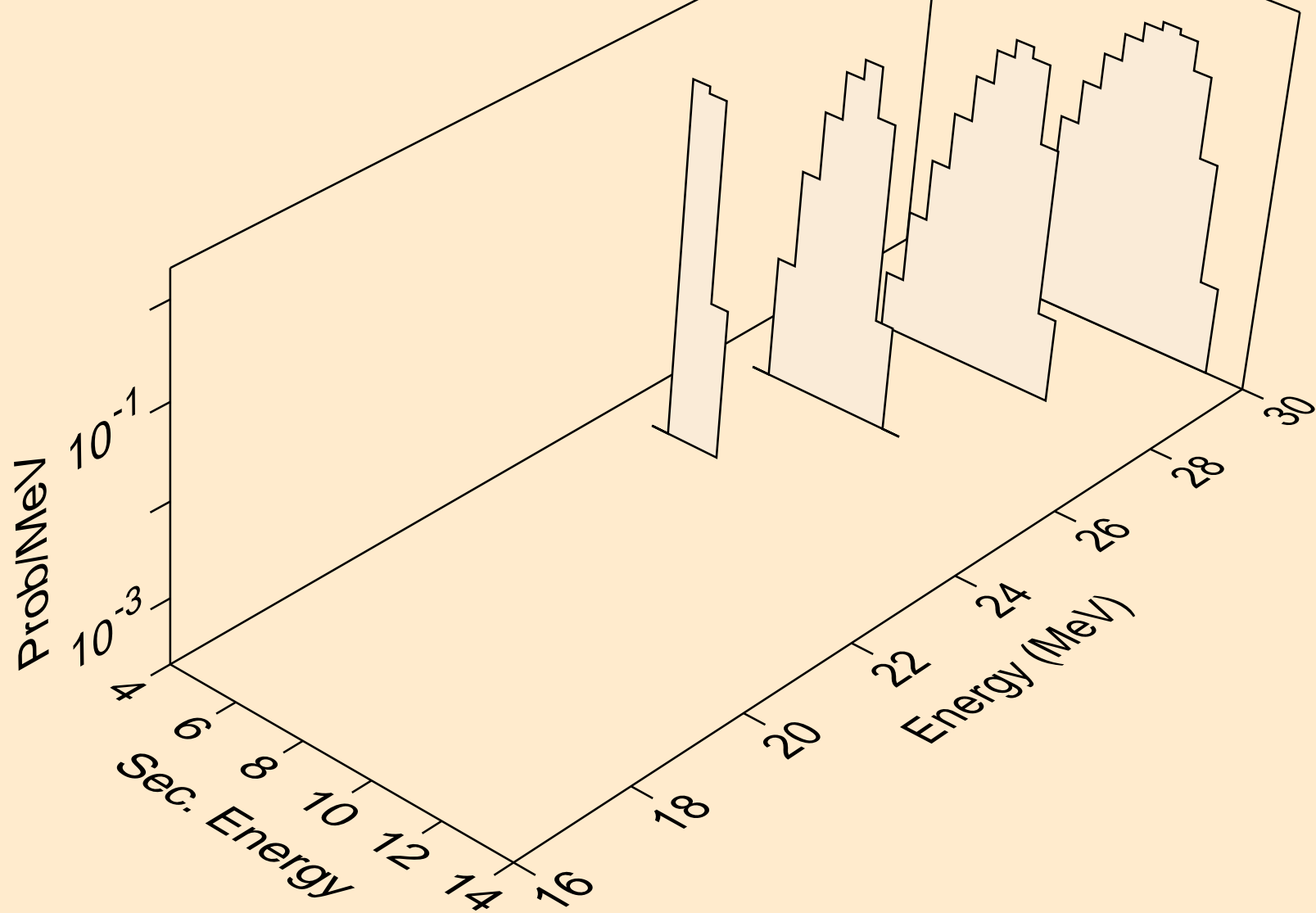
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



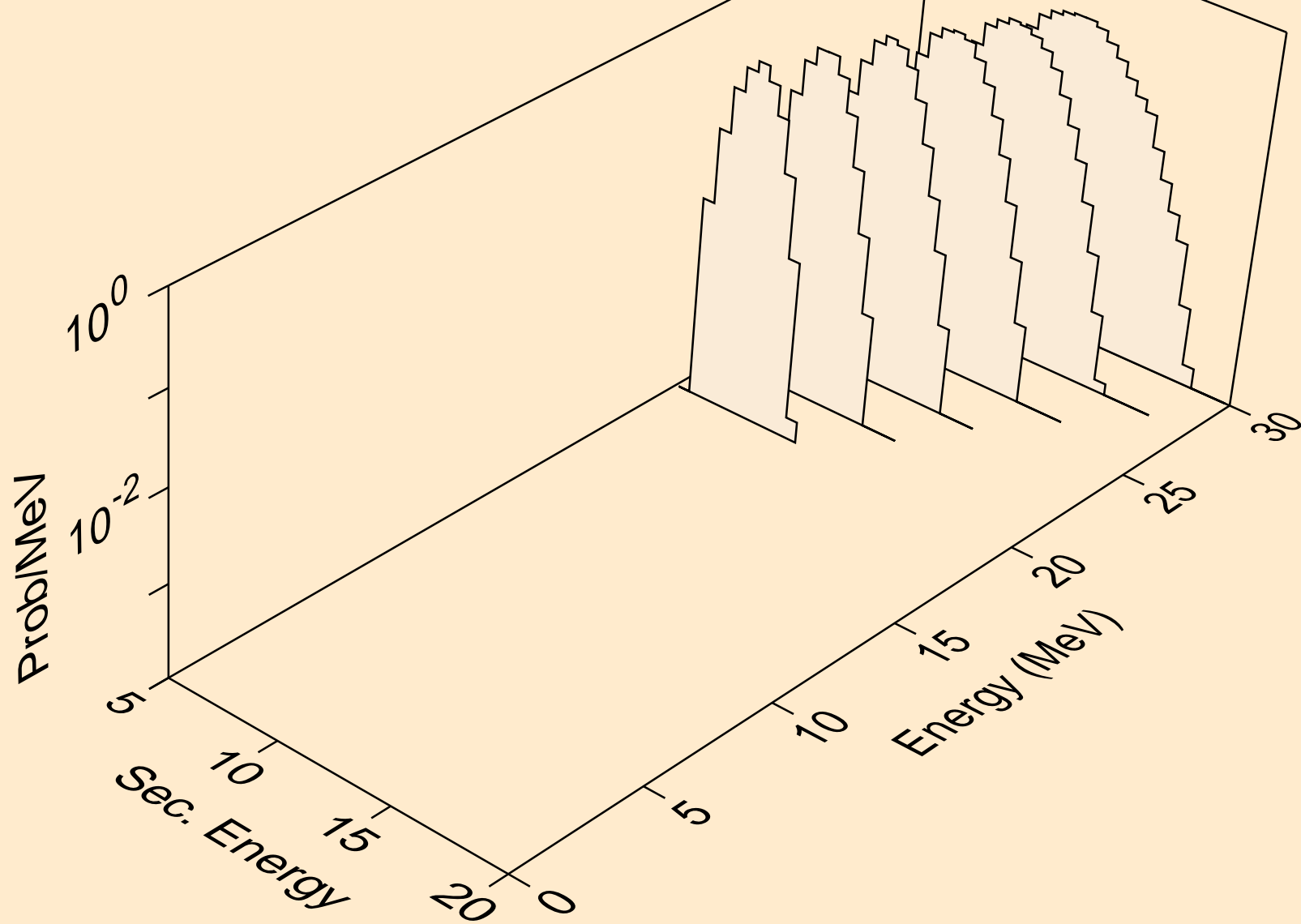
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



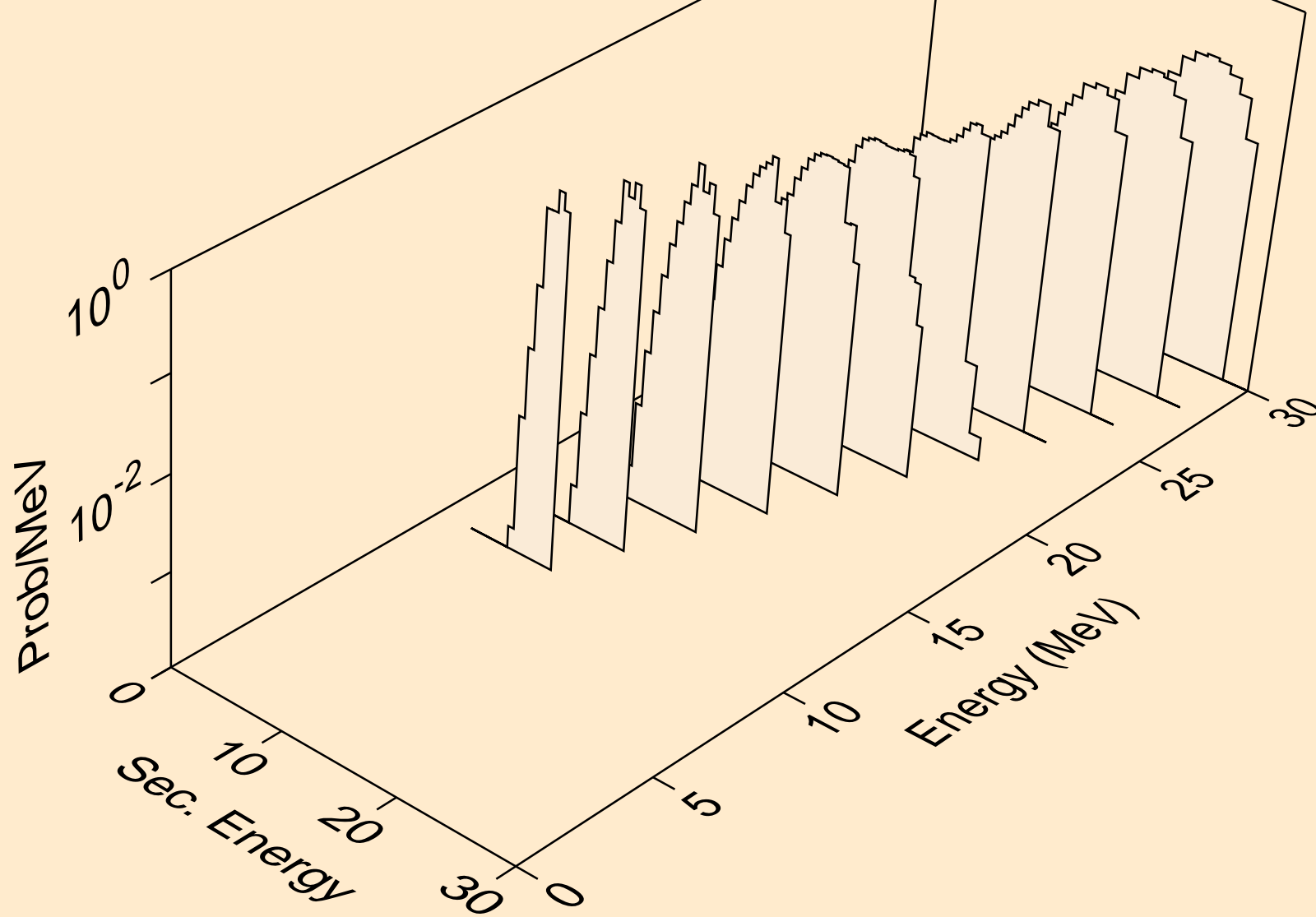
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



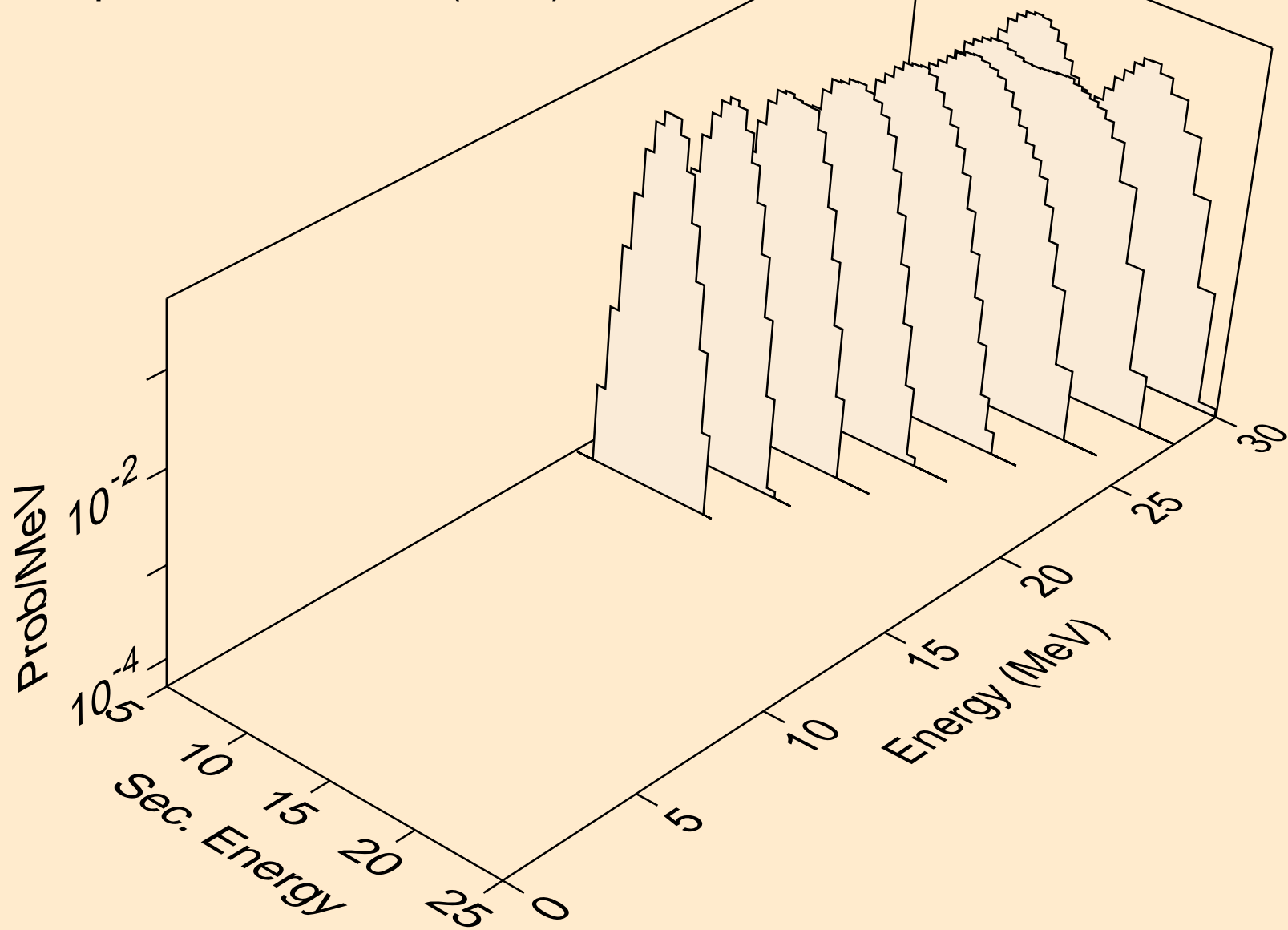
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



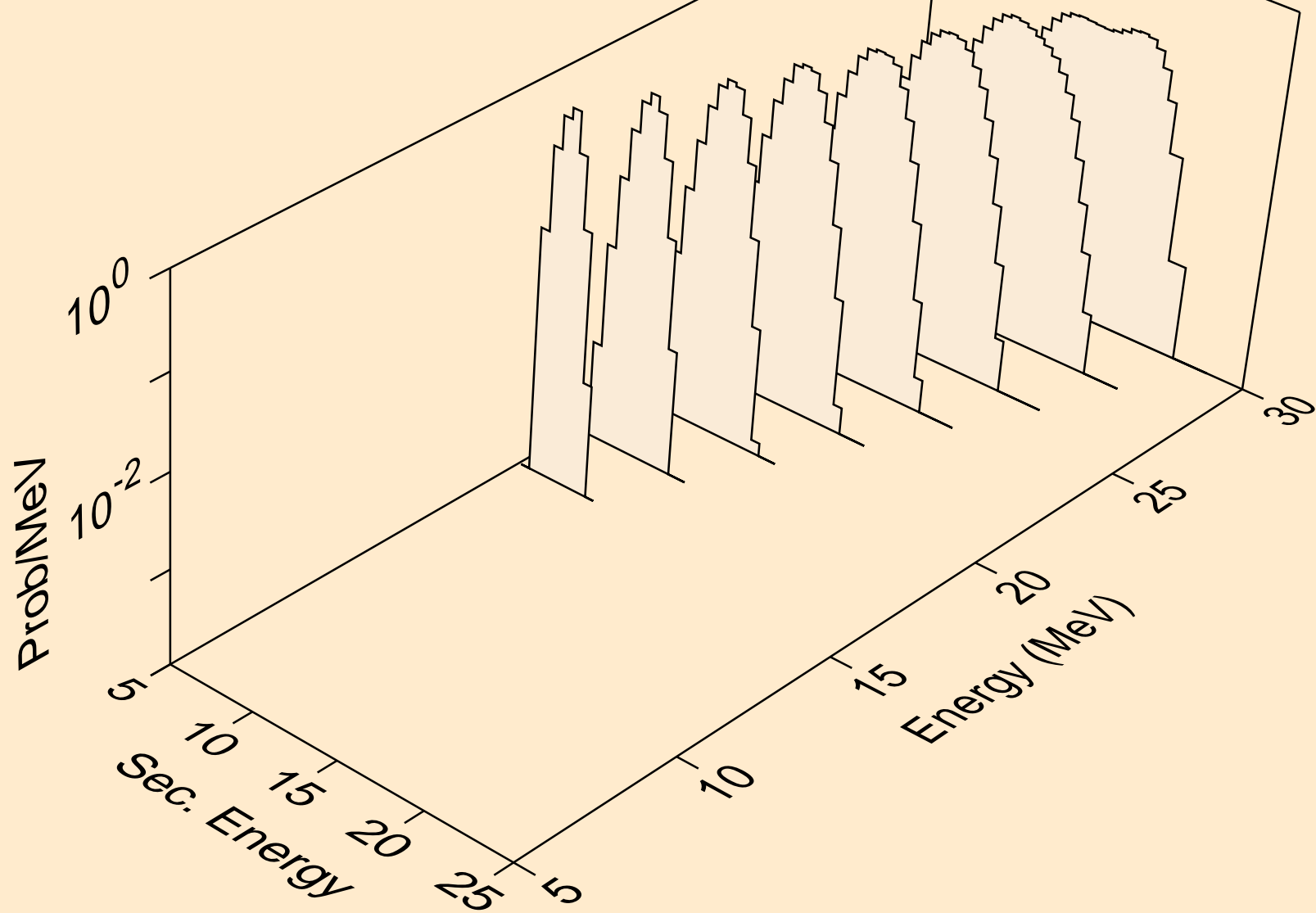
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)

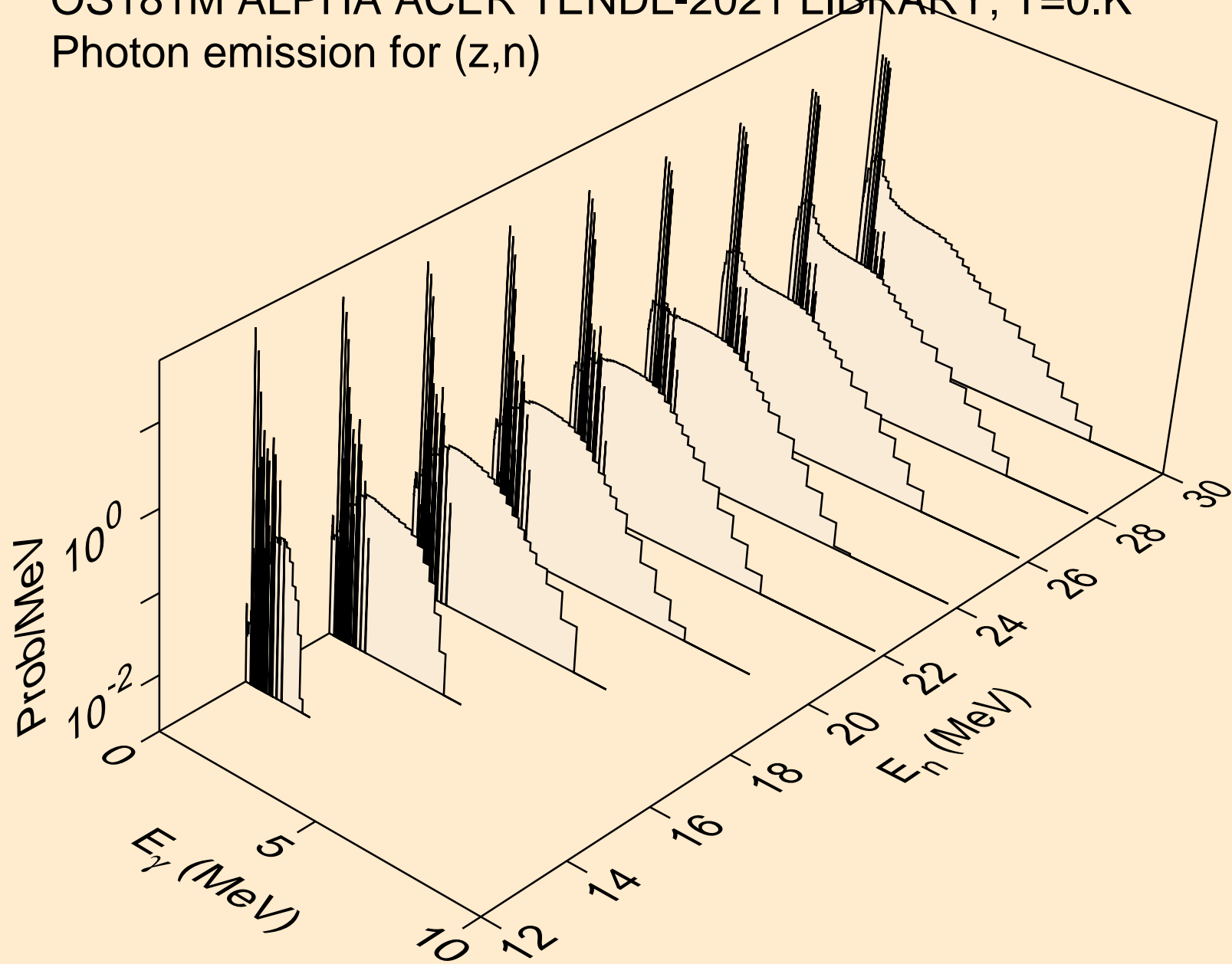


OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

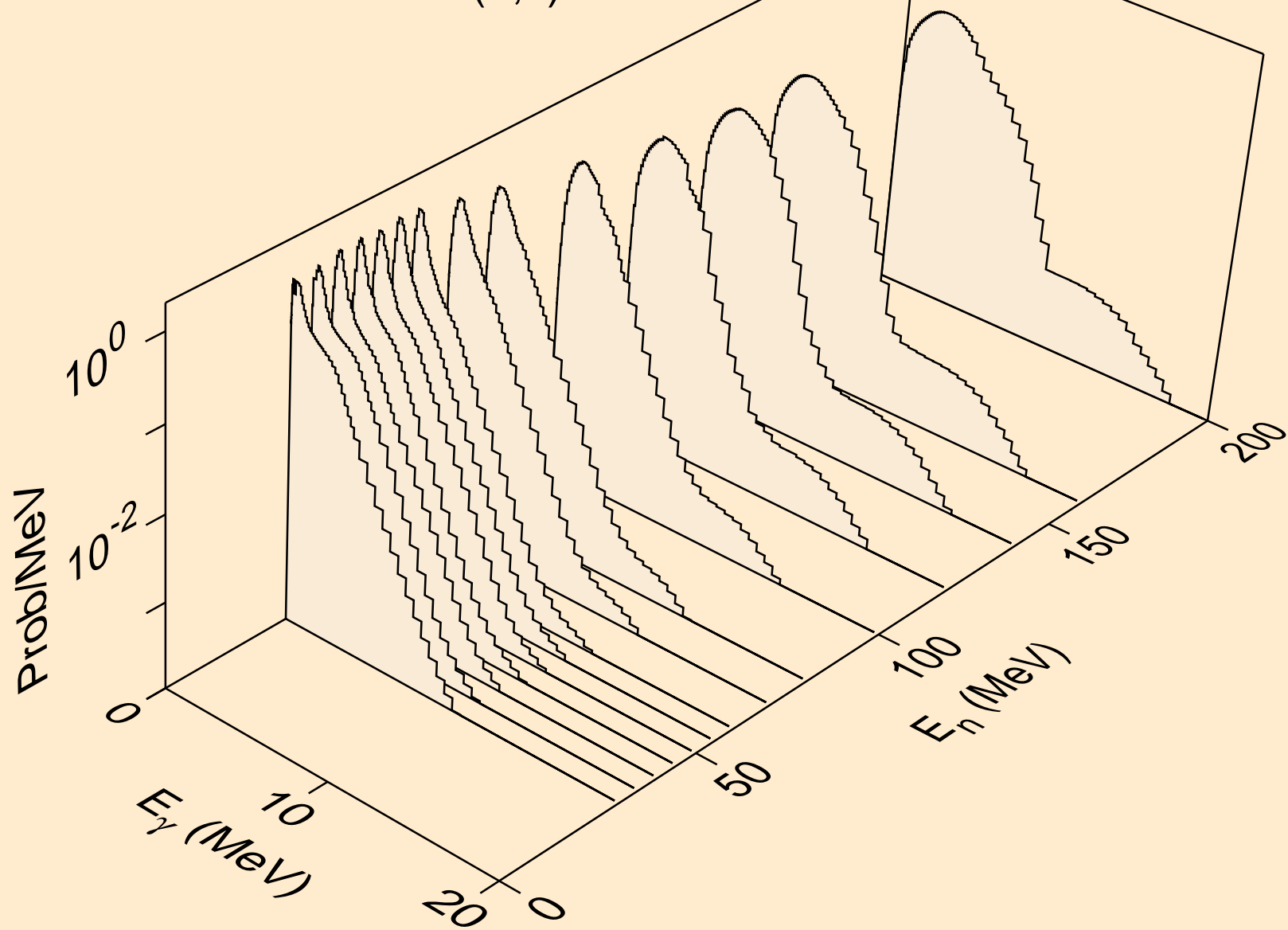




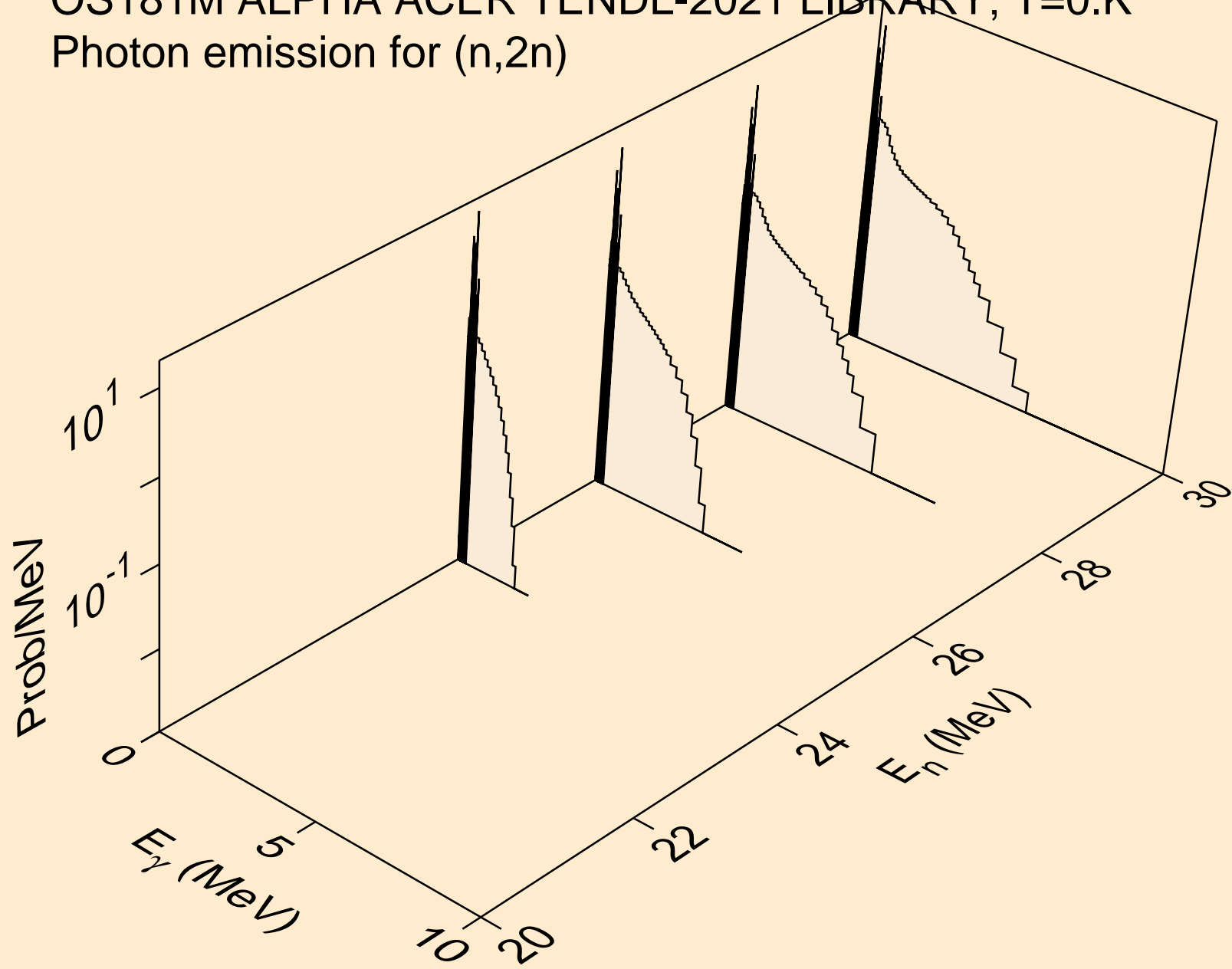
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Photon emission for (z,n)



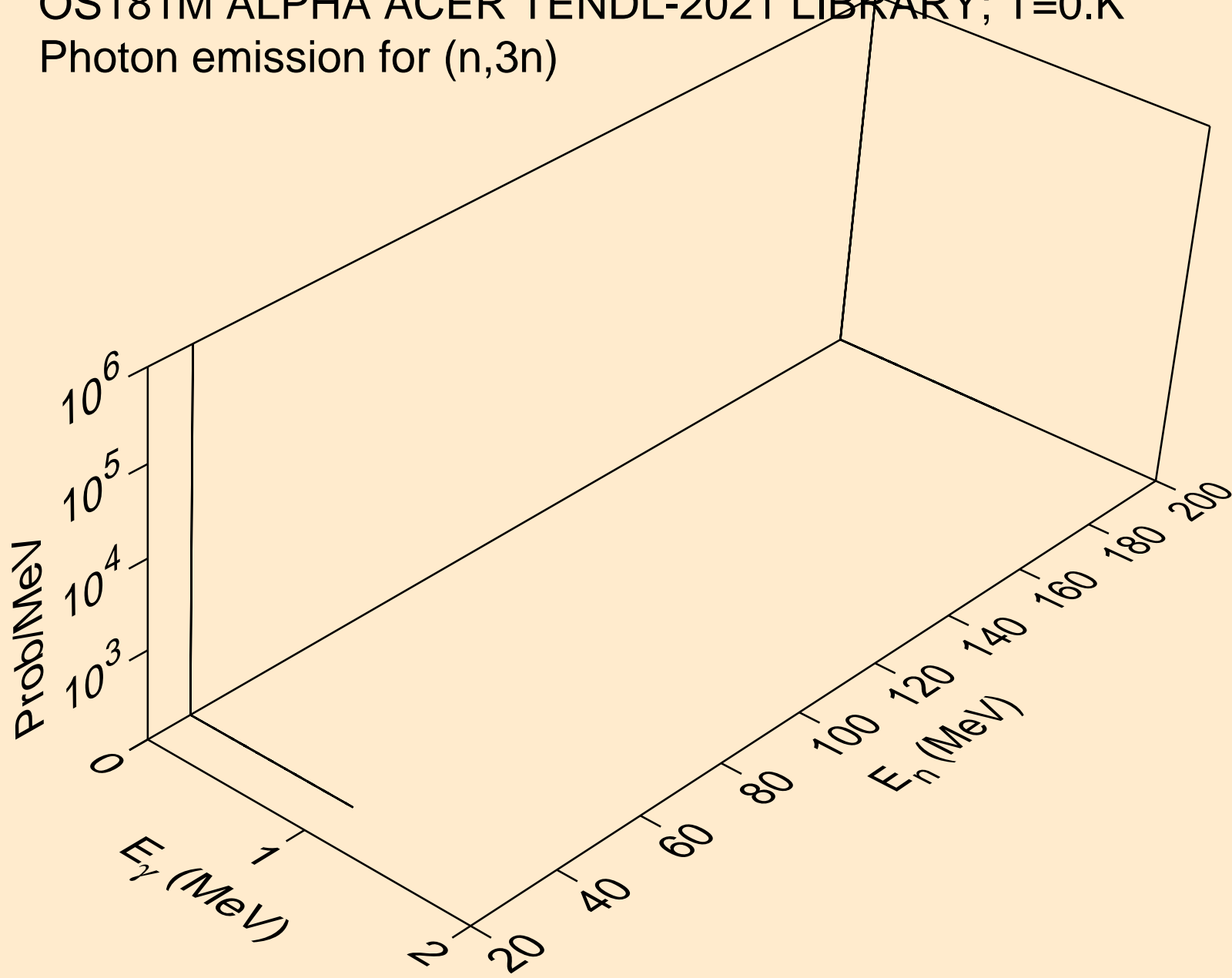
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



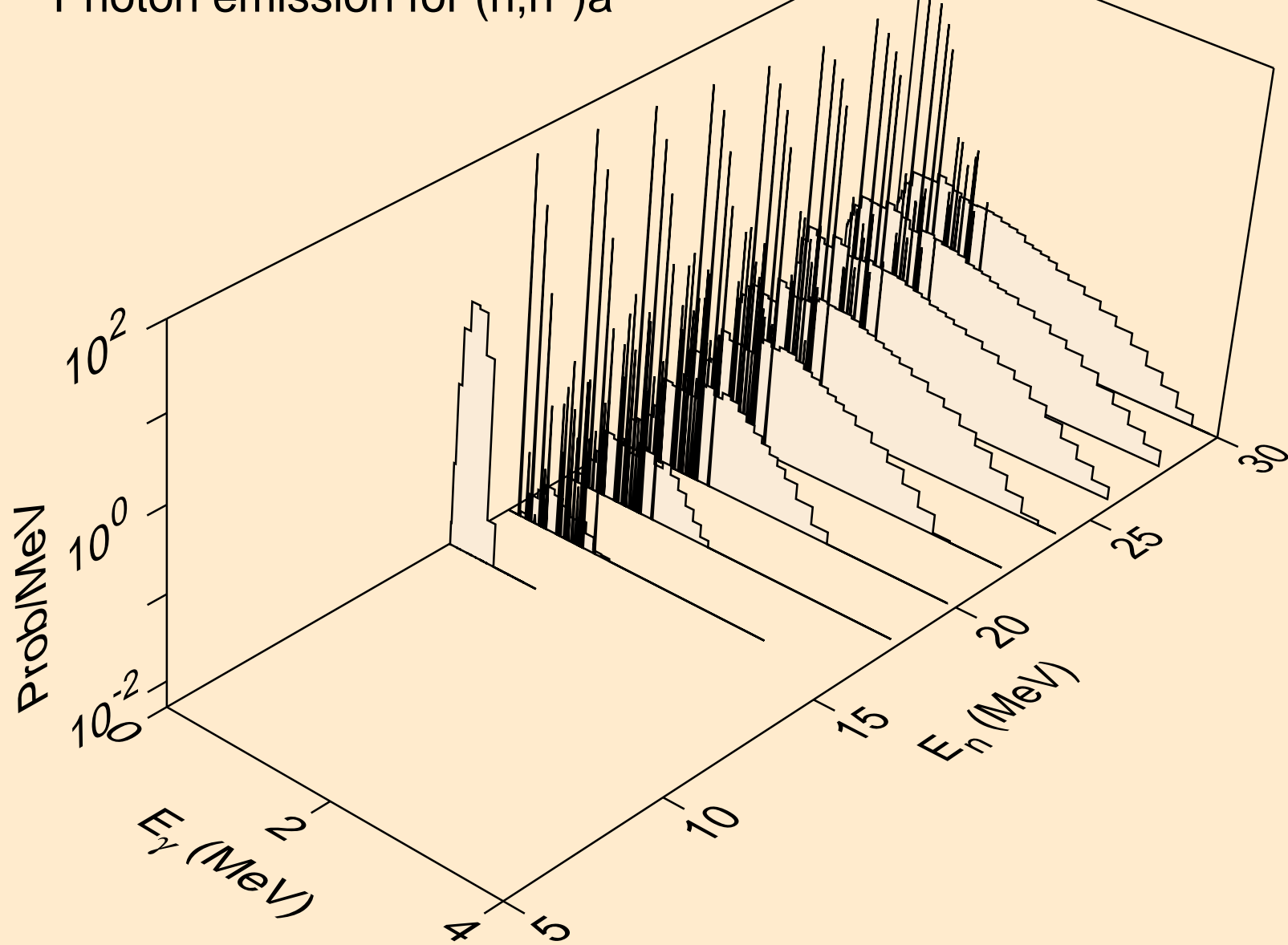
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



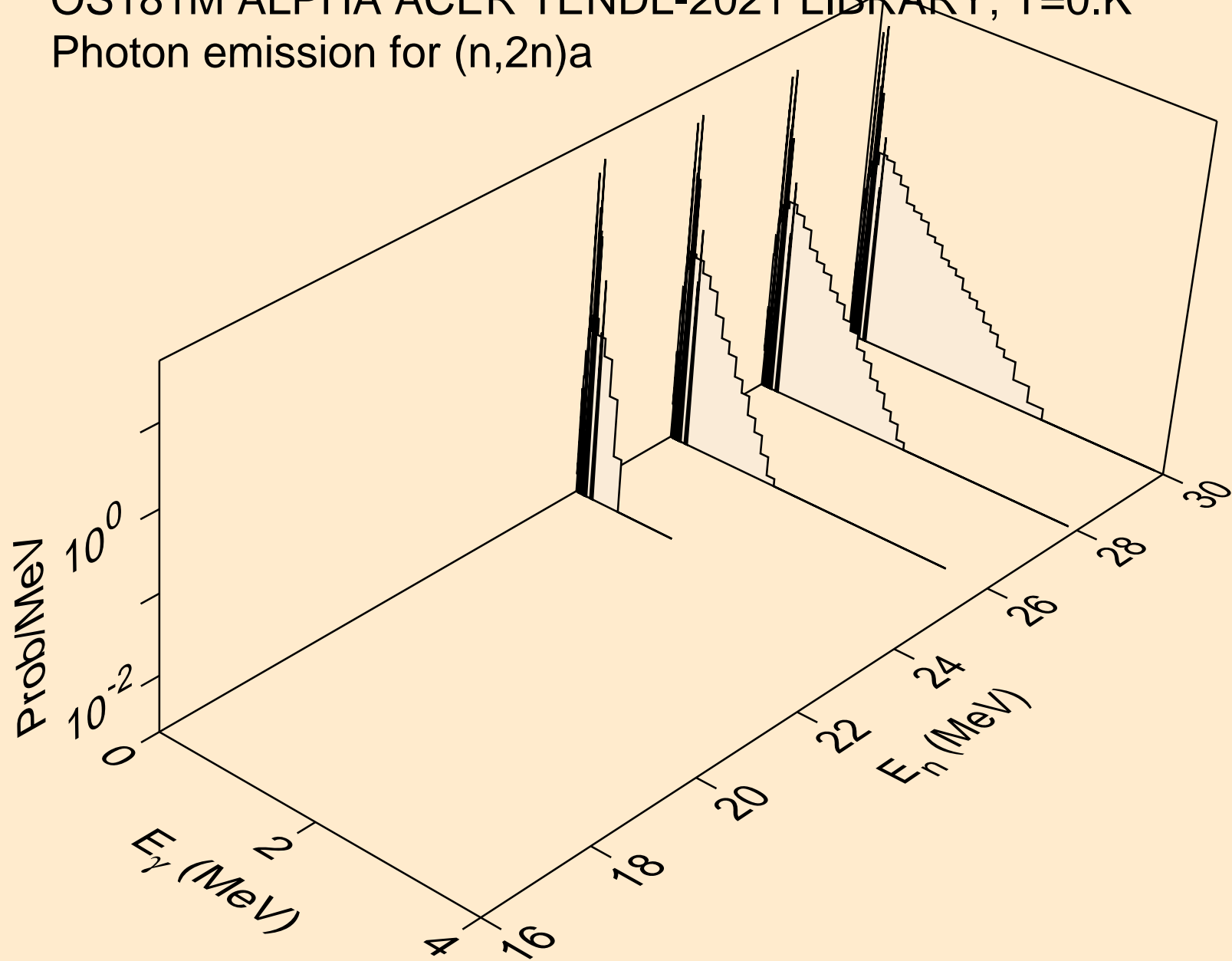
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



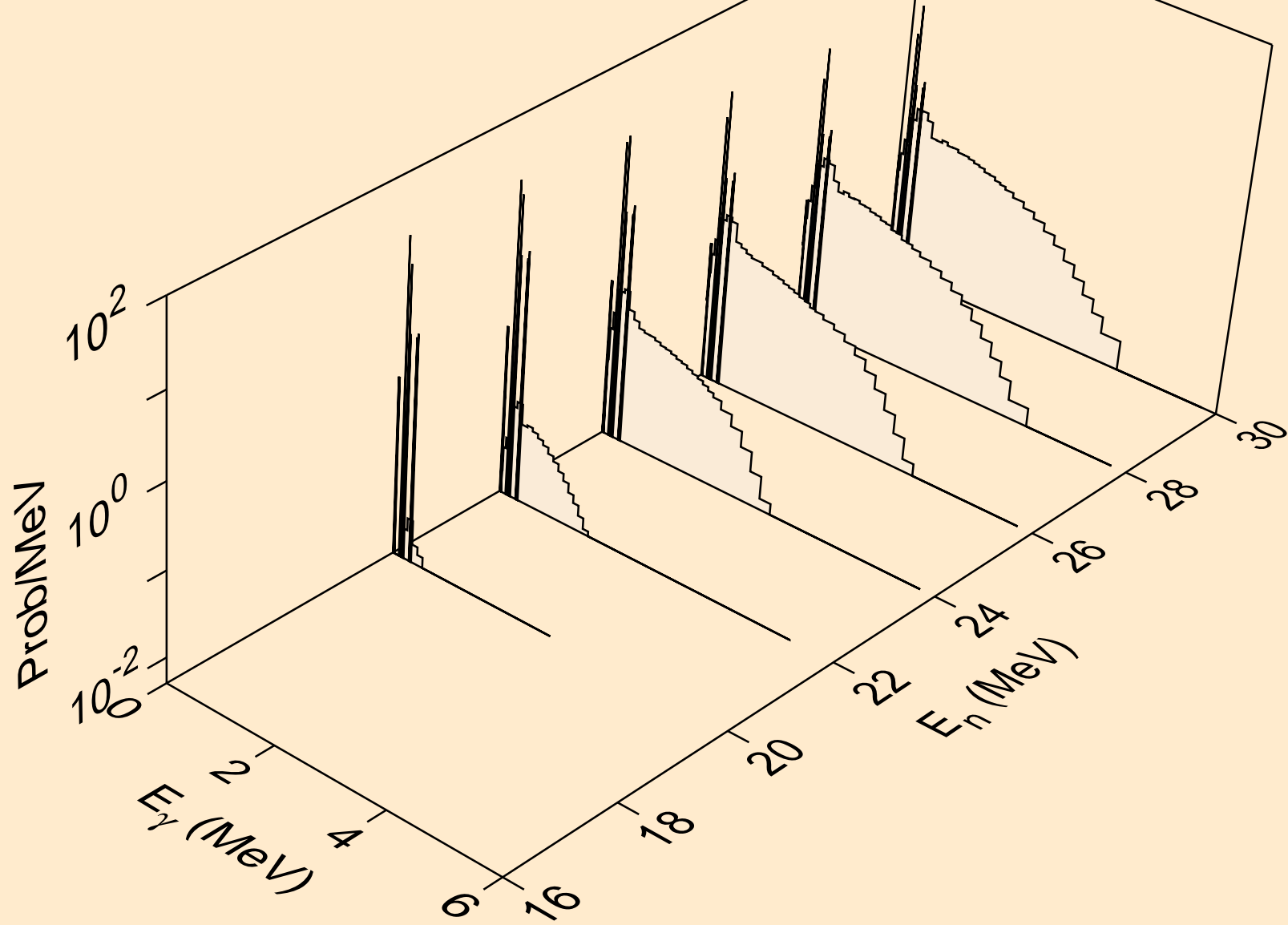
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



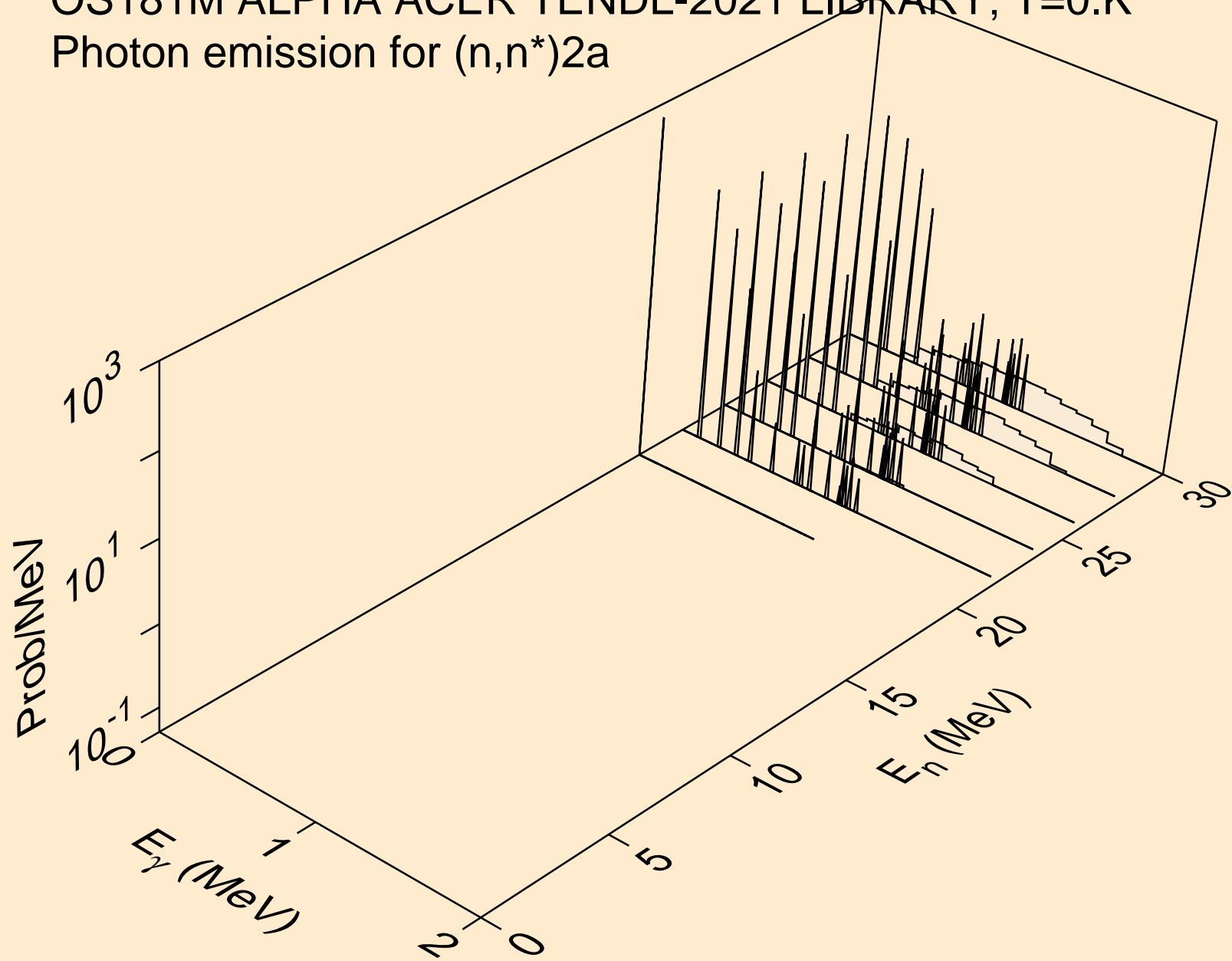
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



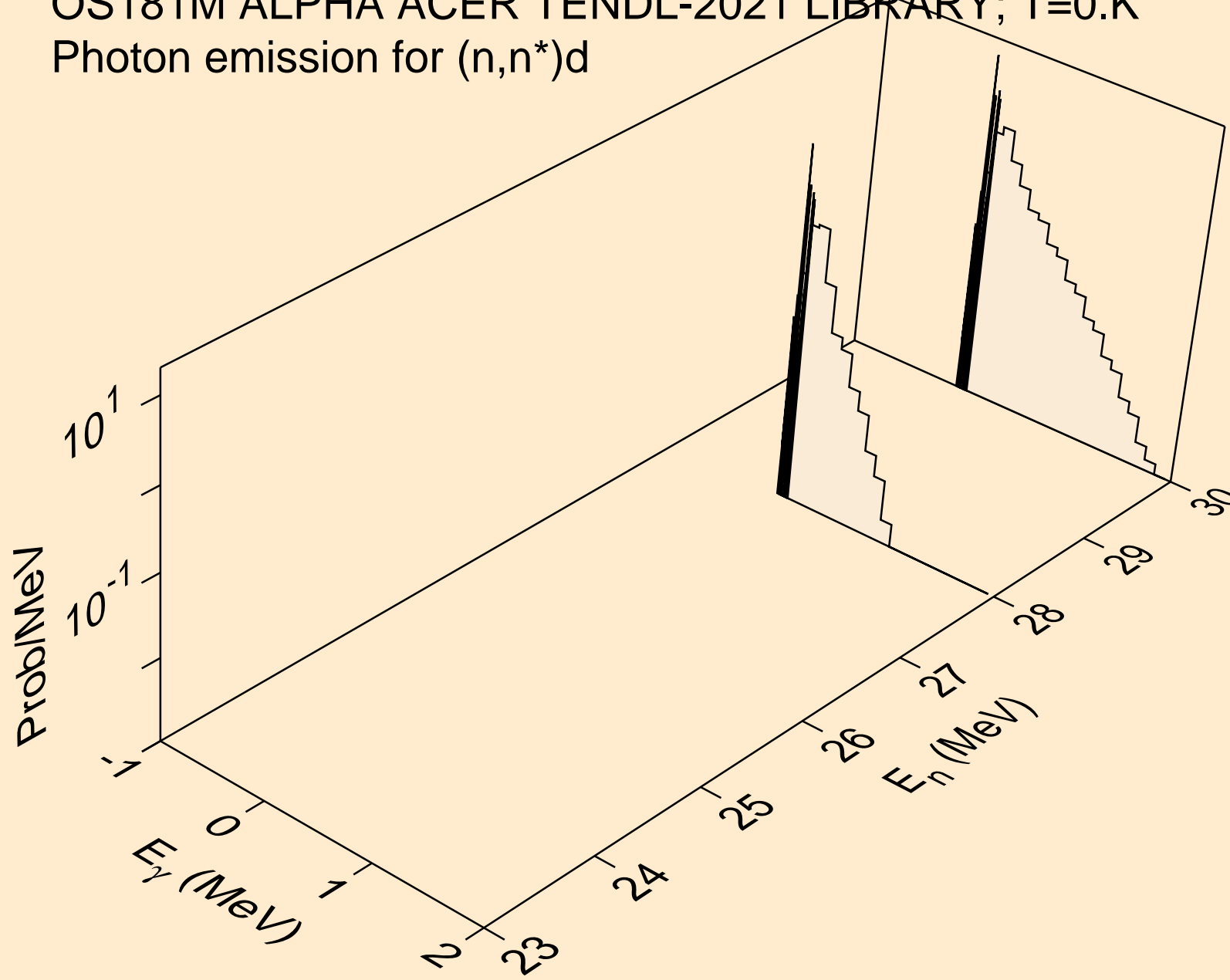
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



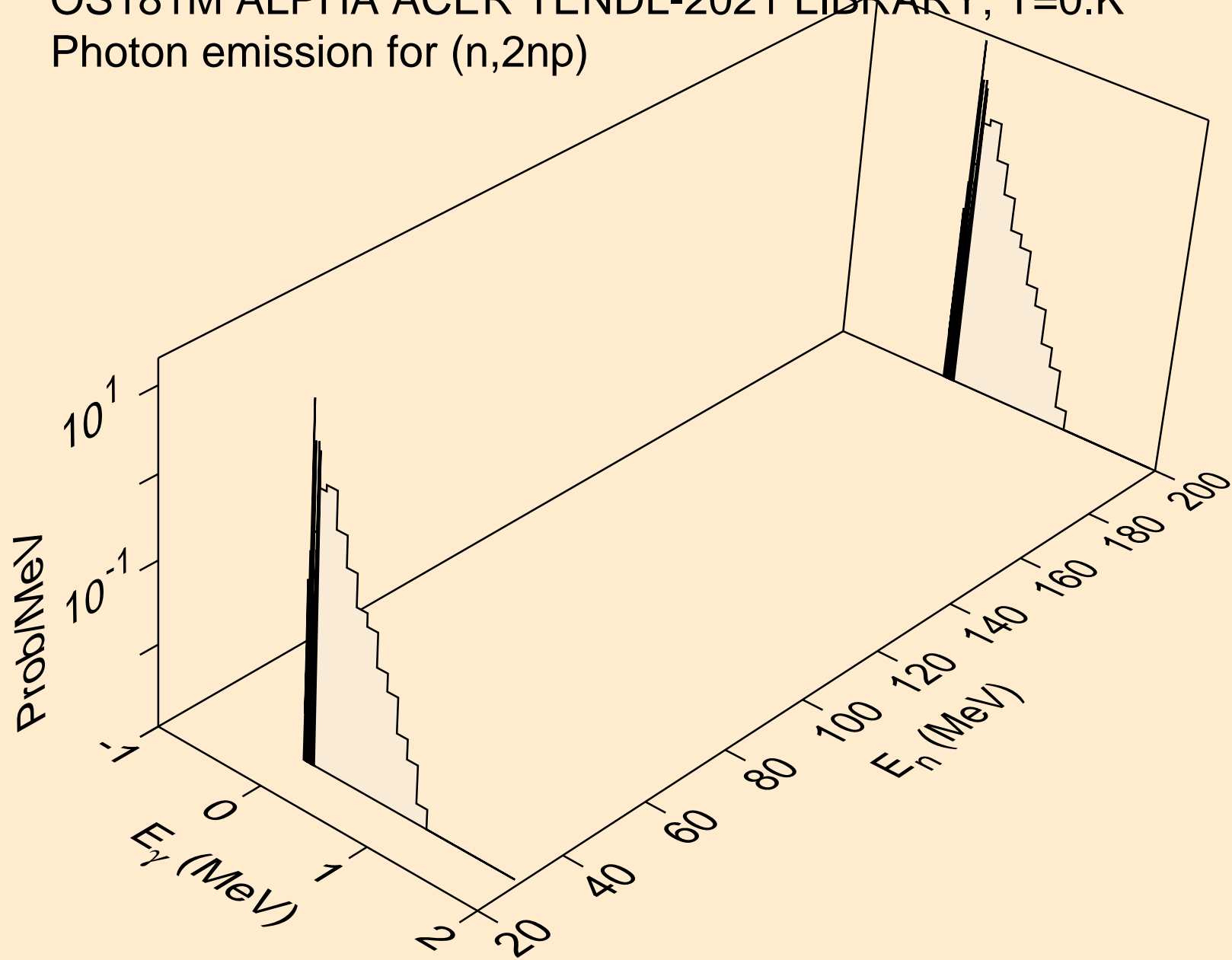


OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

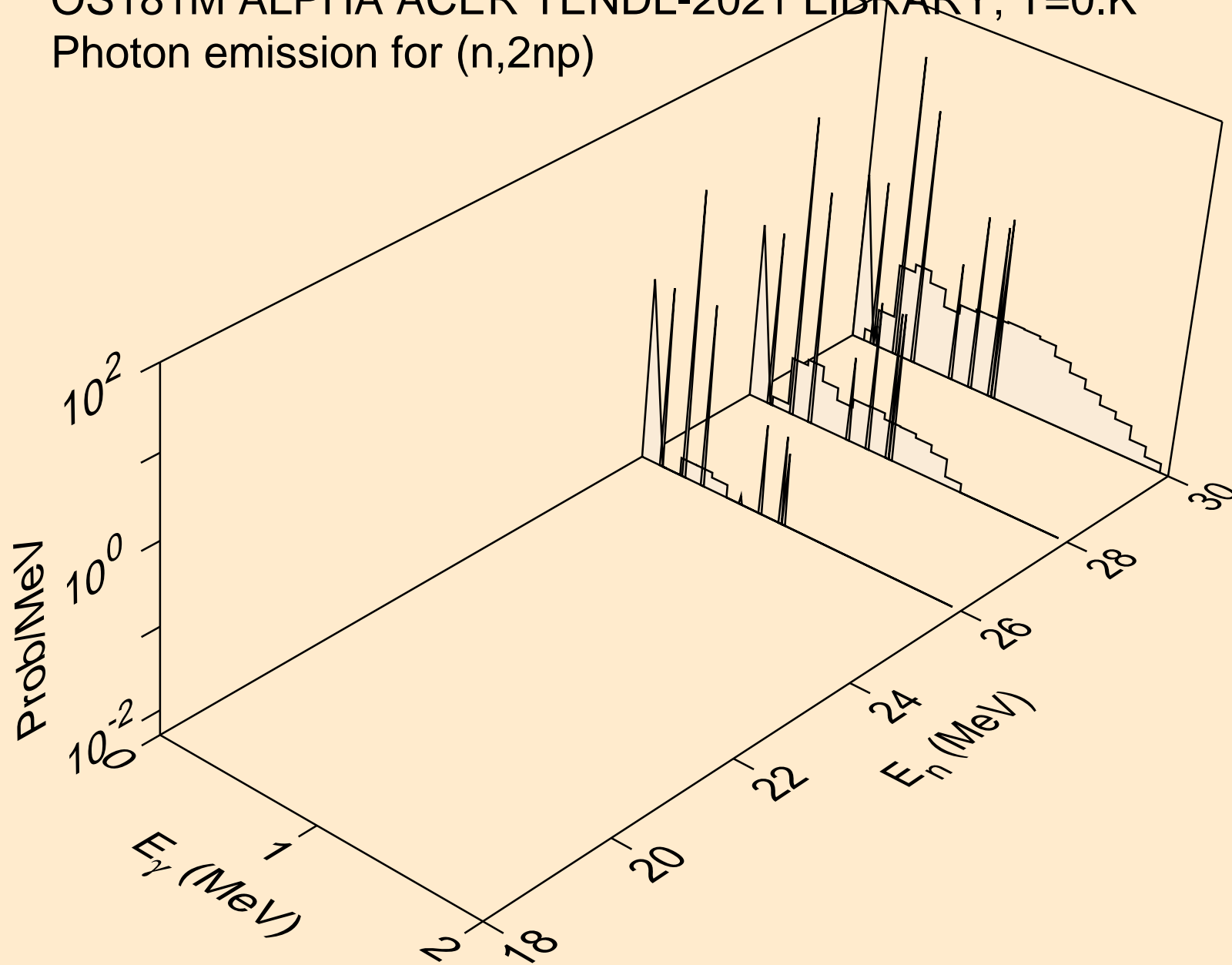
Photon emission for (n,n\*)d



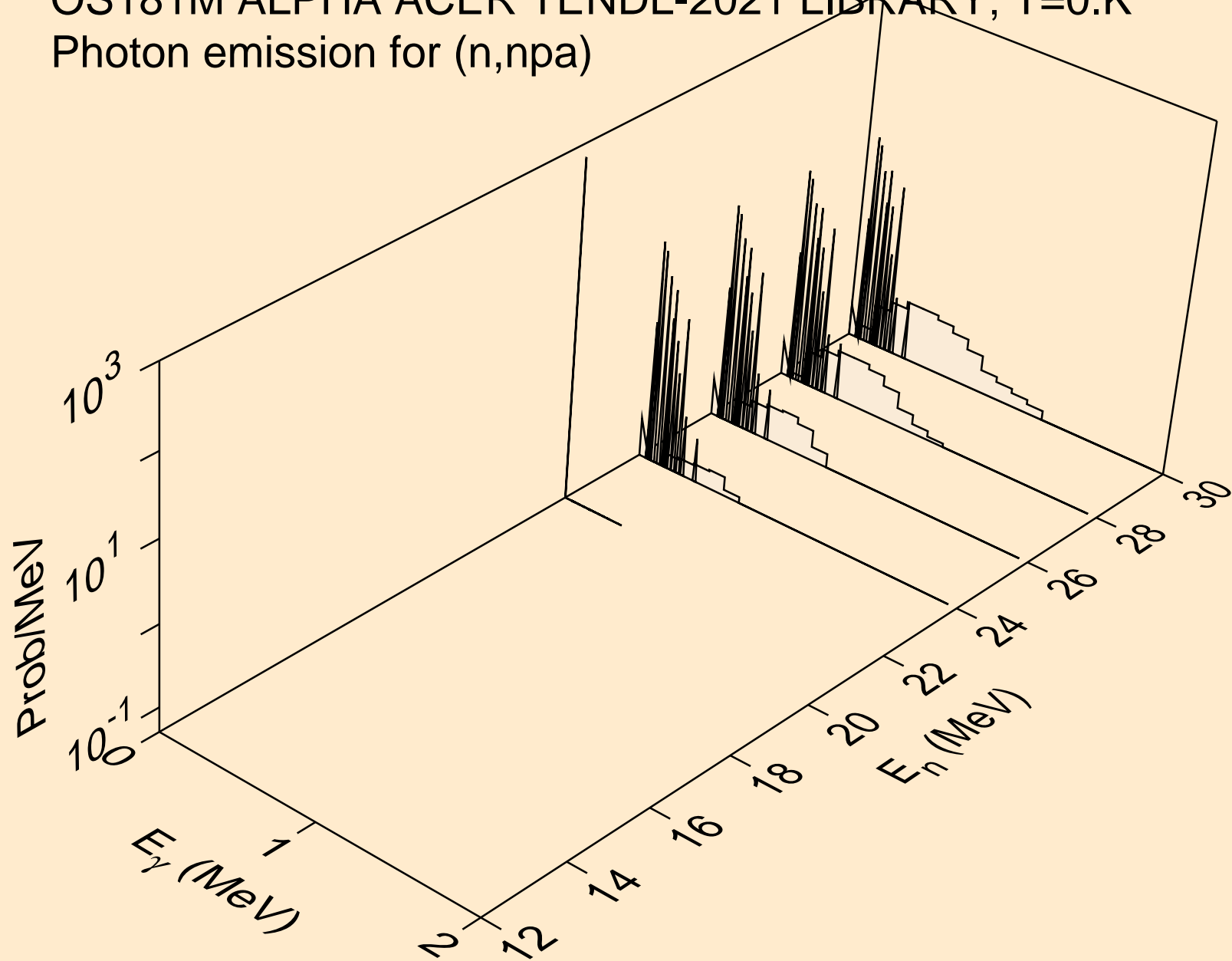
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



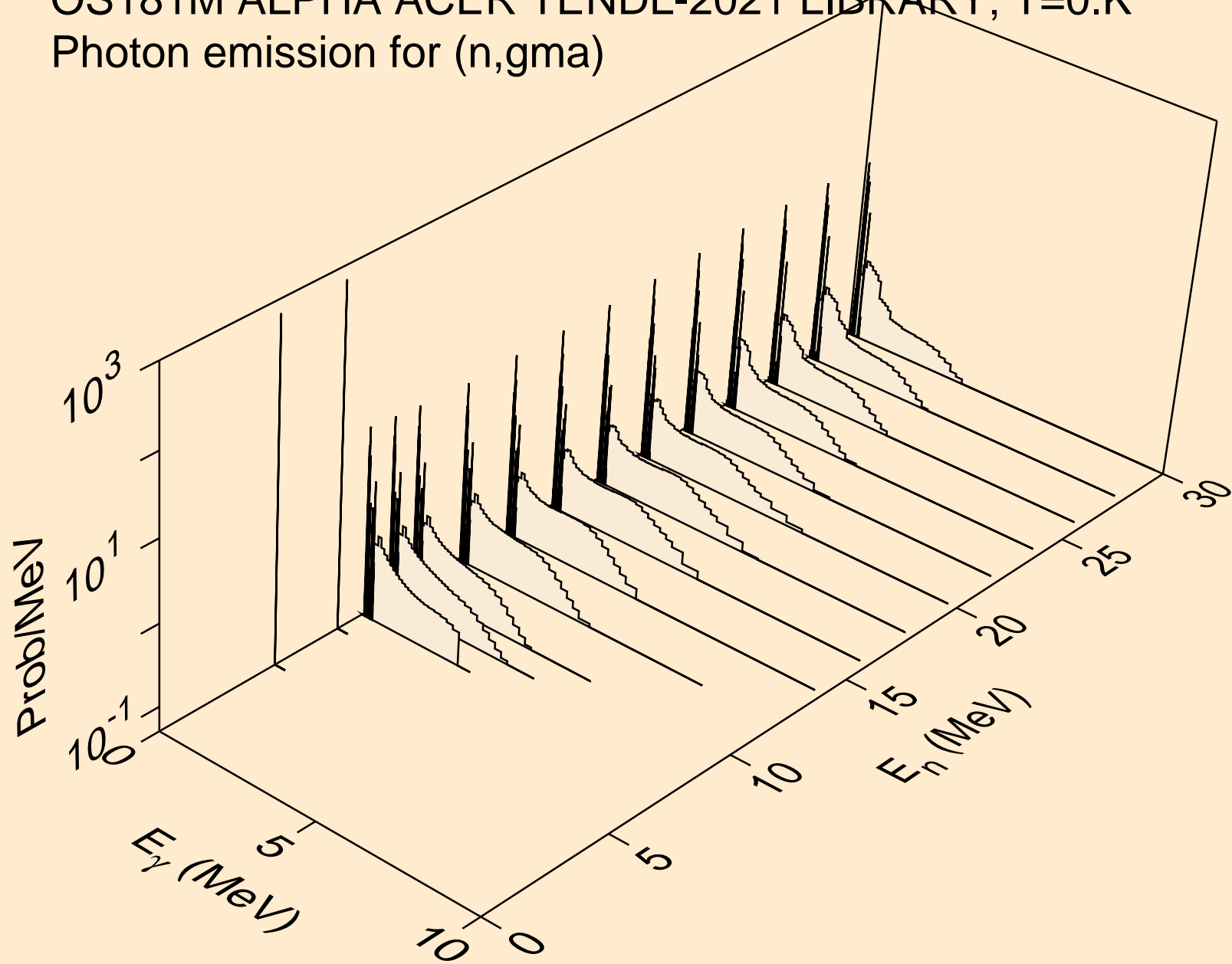
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Photon emission for (n,2np)



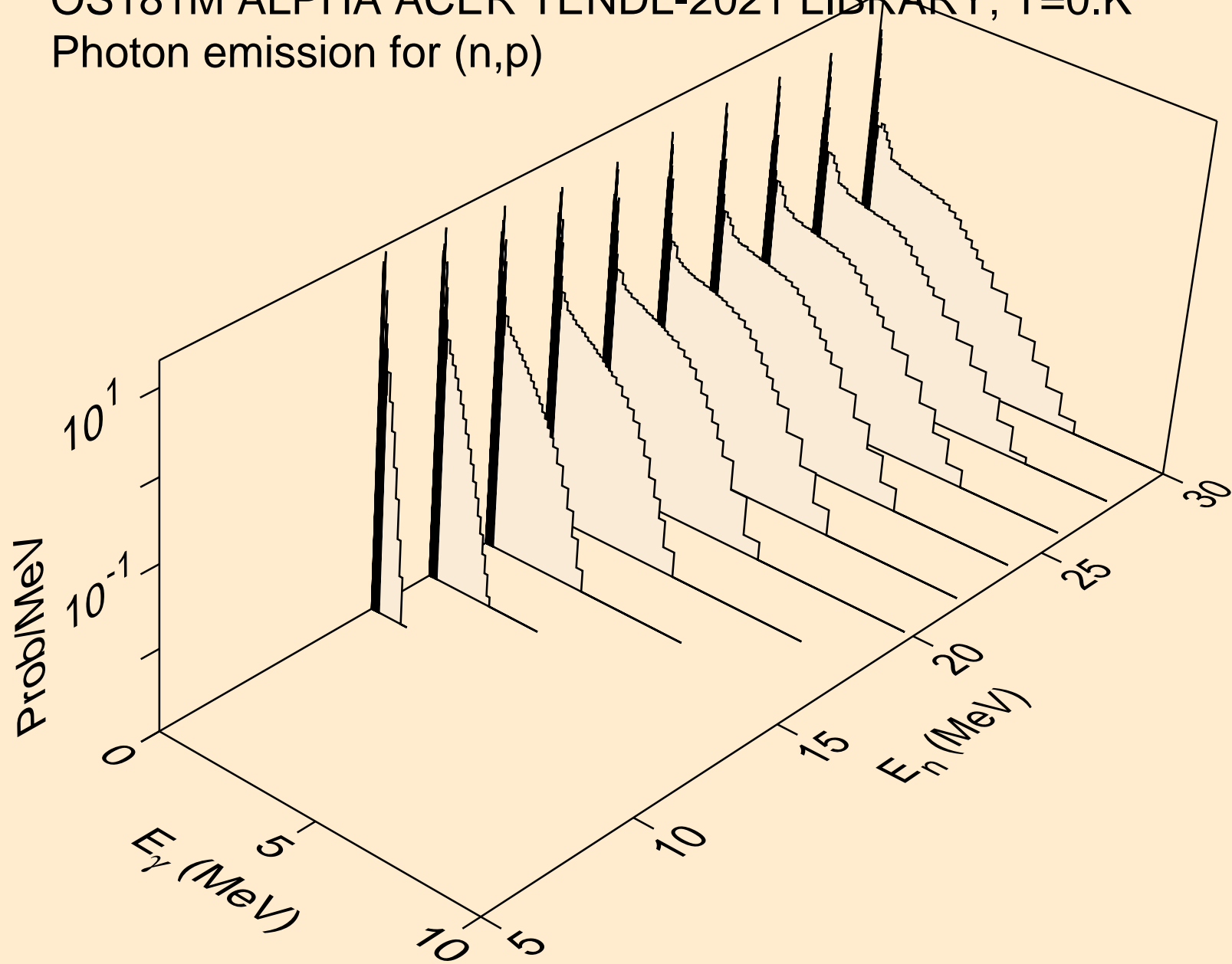
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Photon emission for (n,npa)



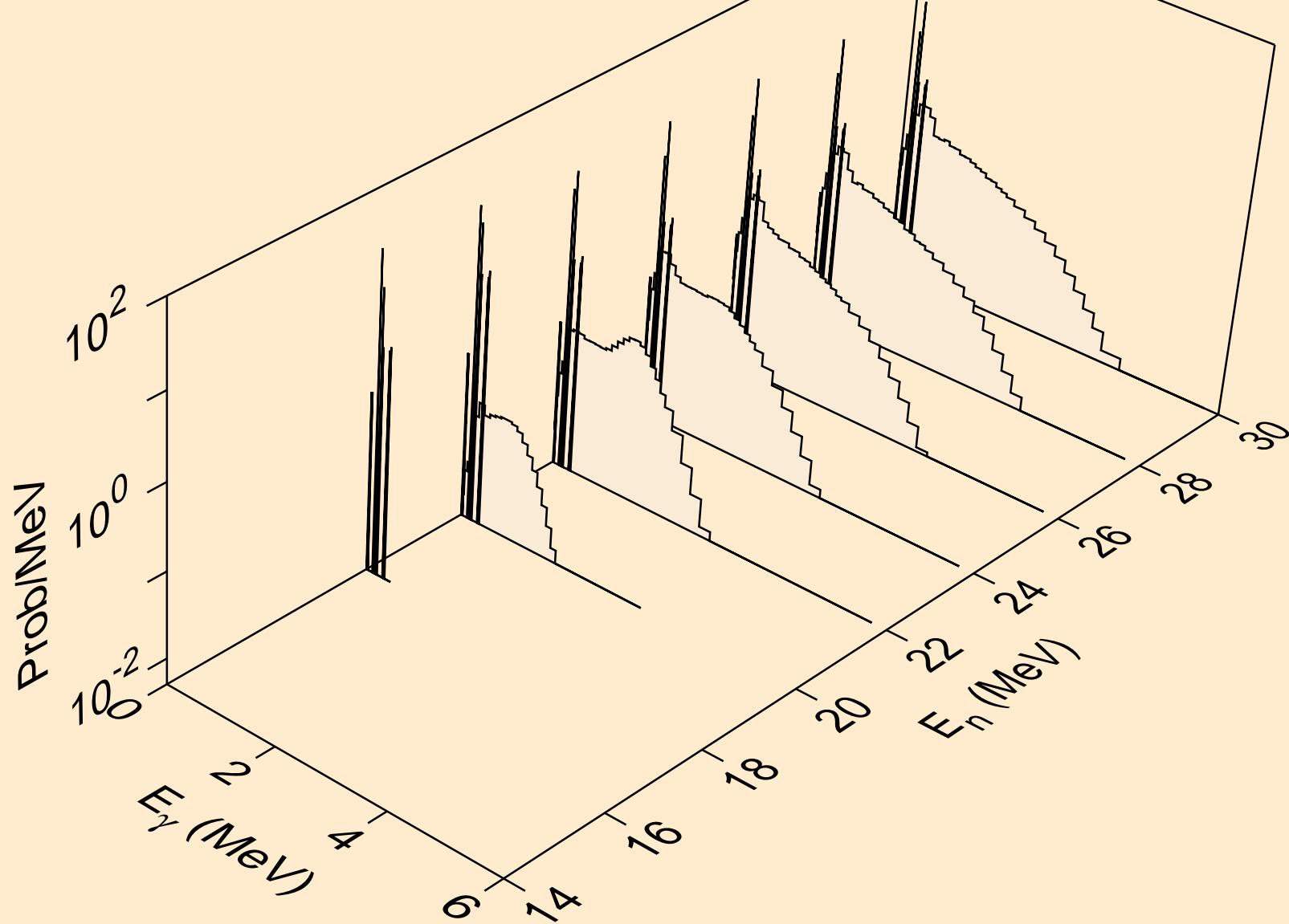
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Photon emission for (n,gma)



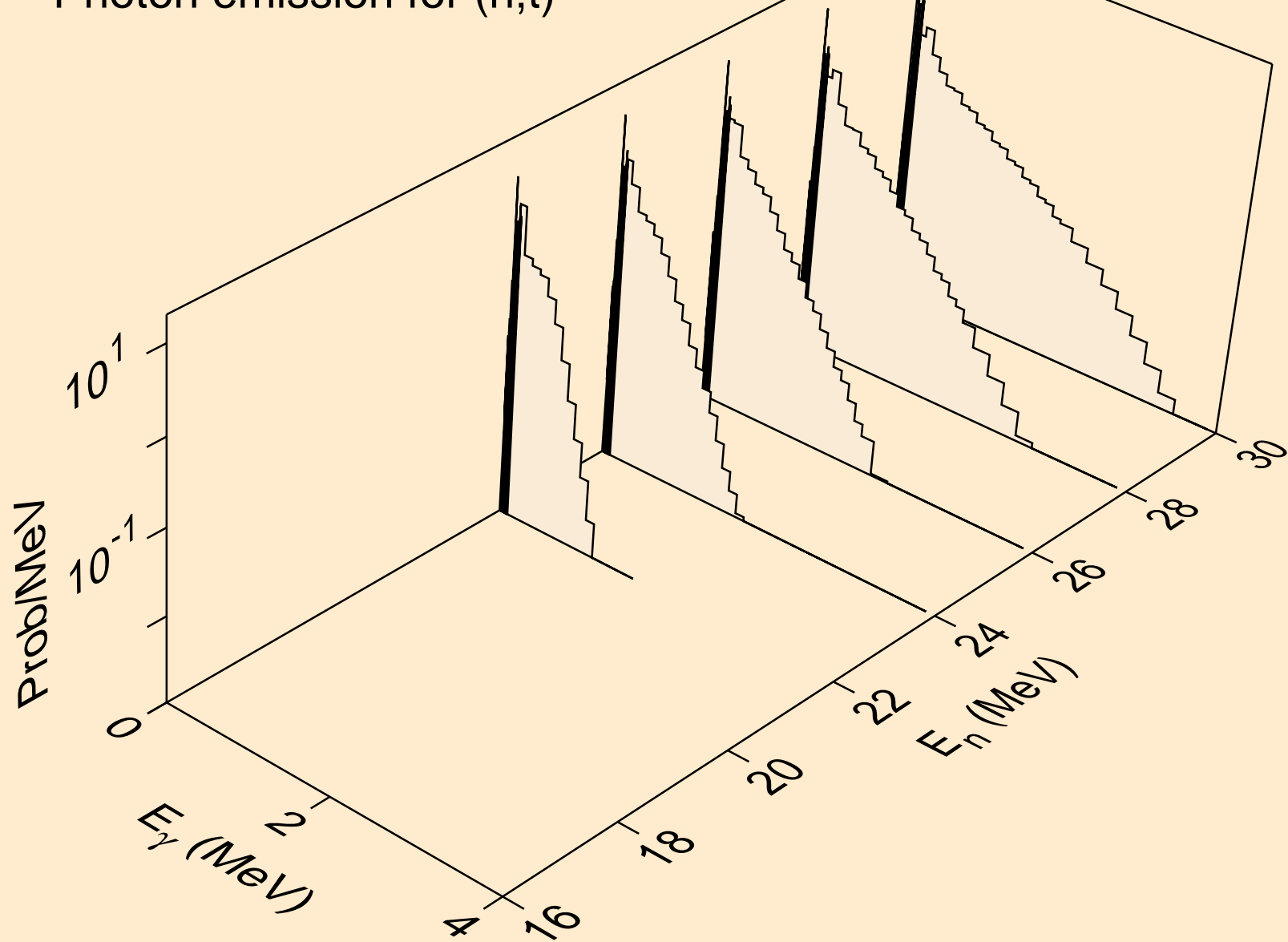
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

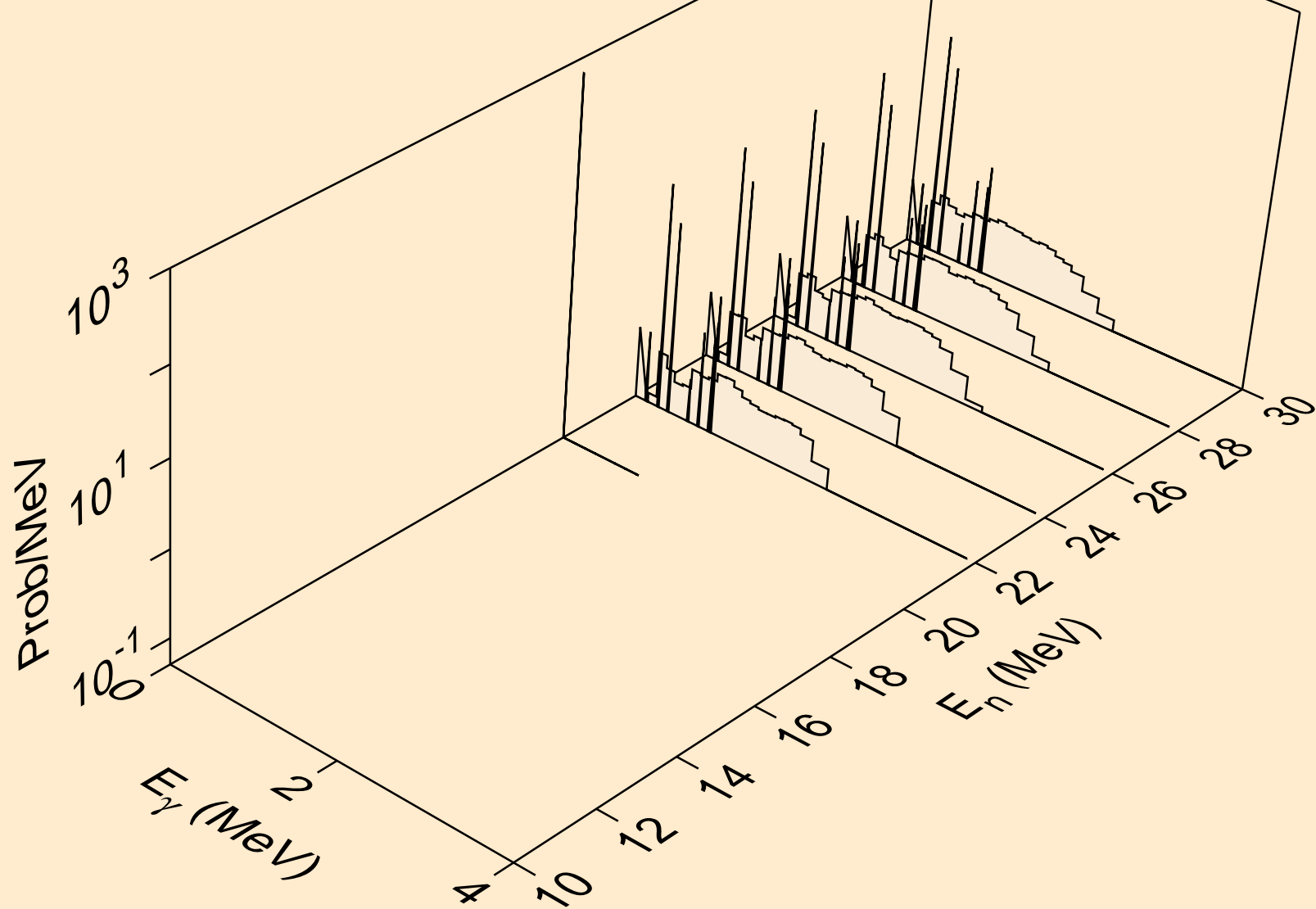


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Photon emission for (n,t)

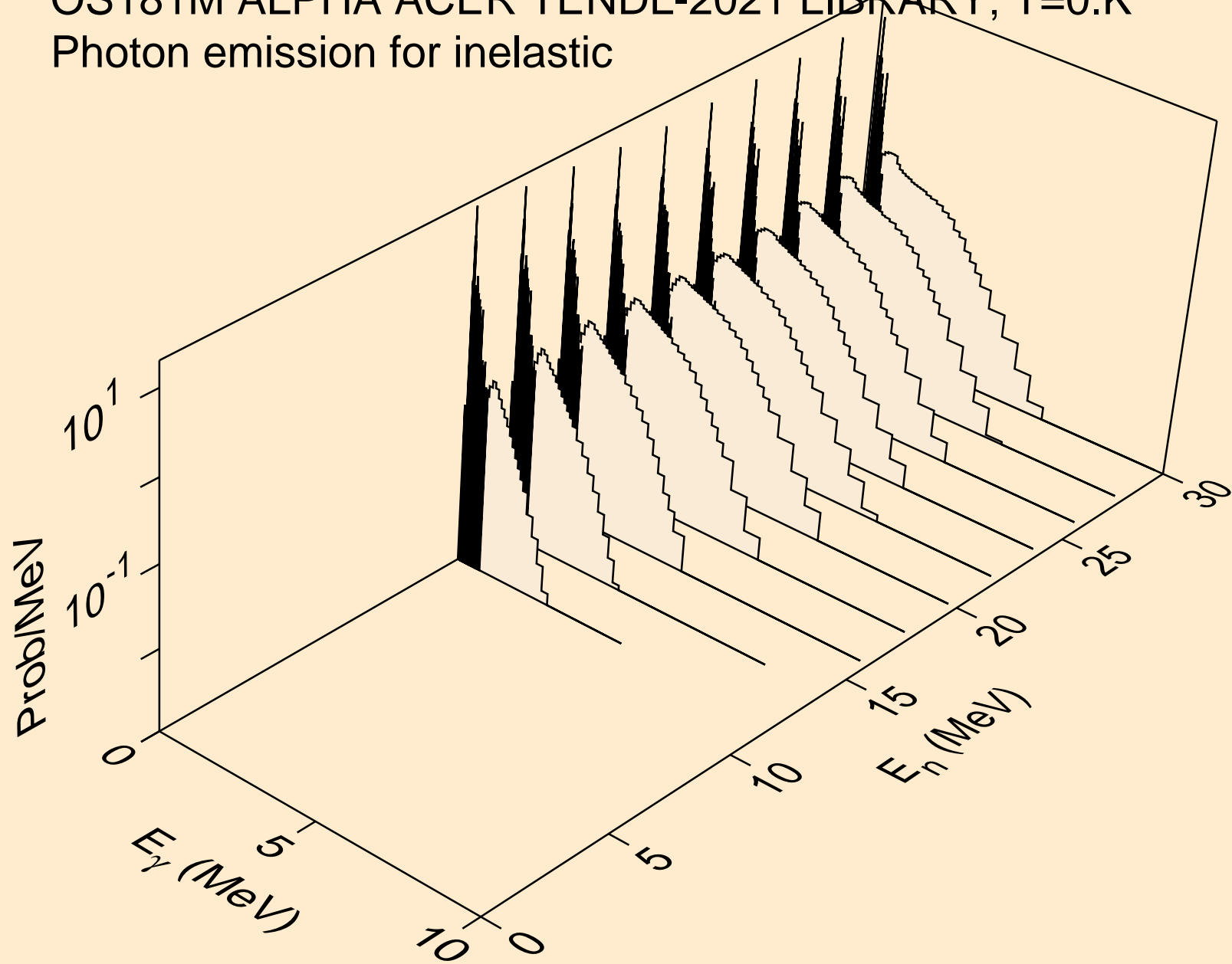




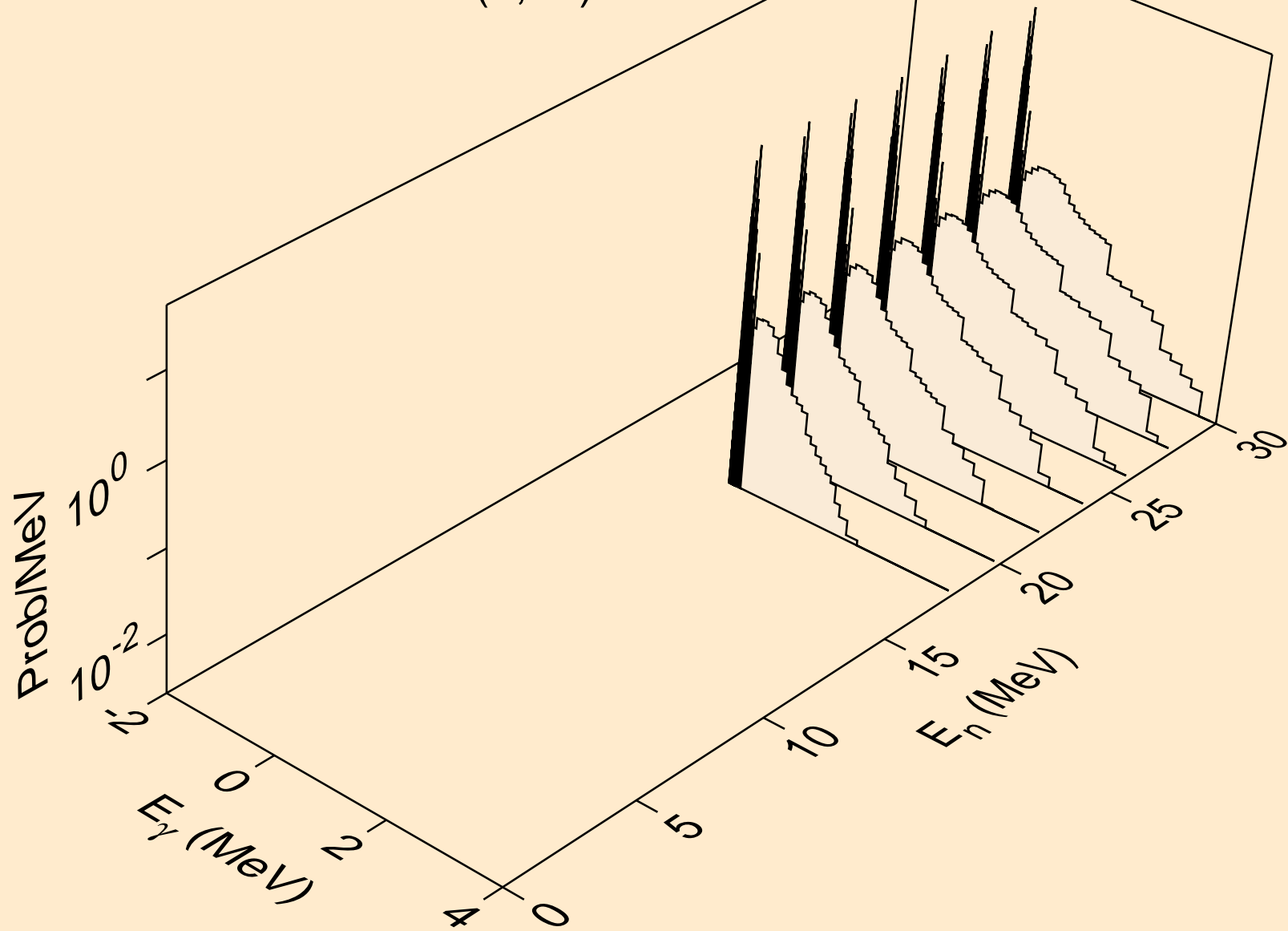
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Photon emission for (n,he3)



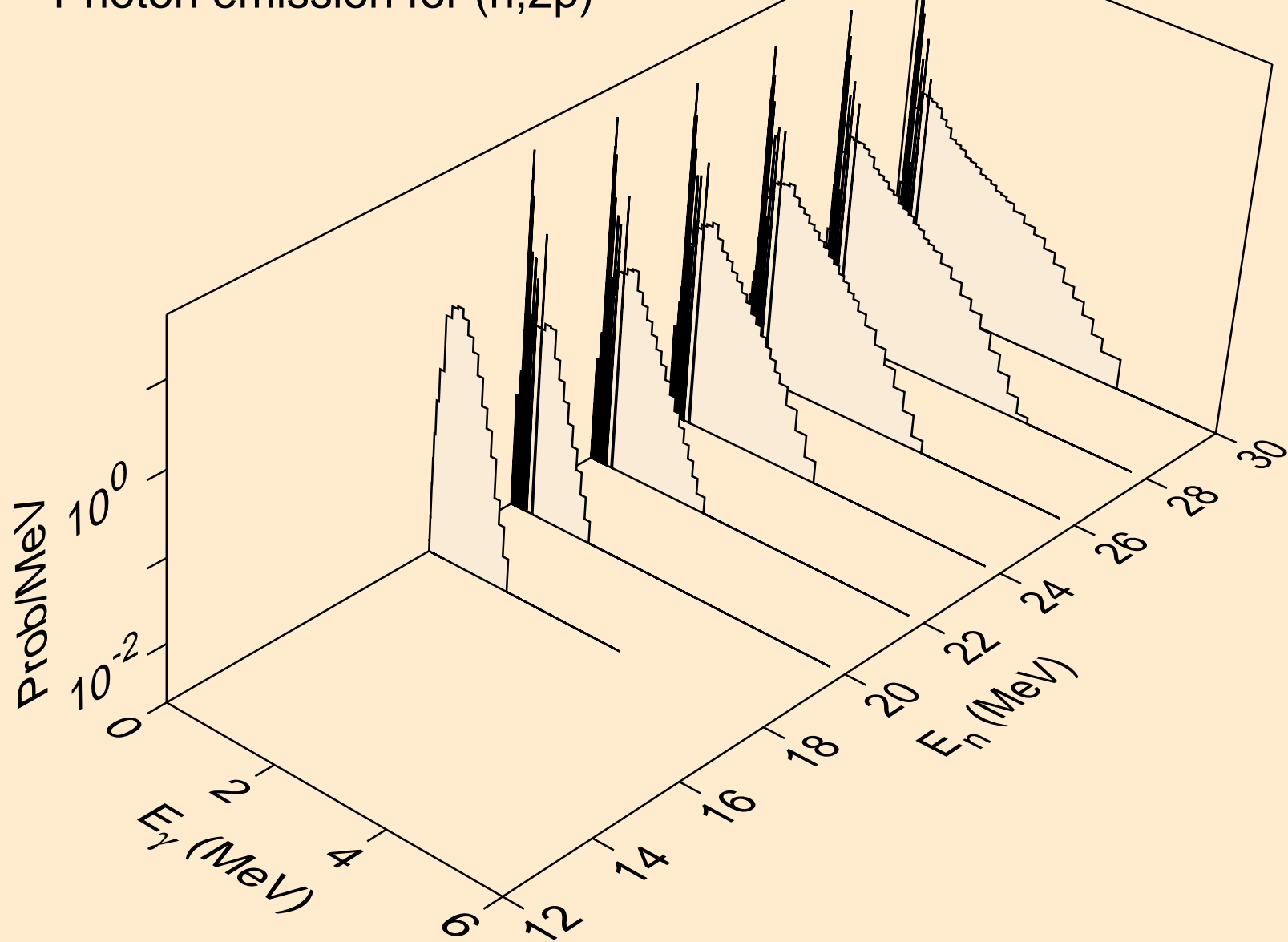
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



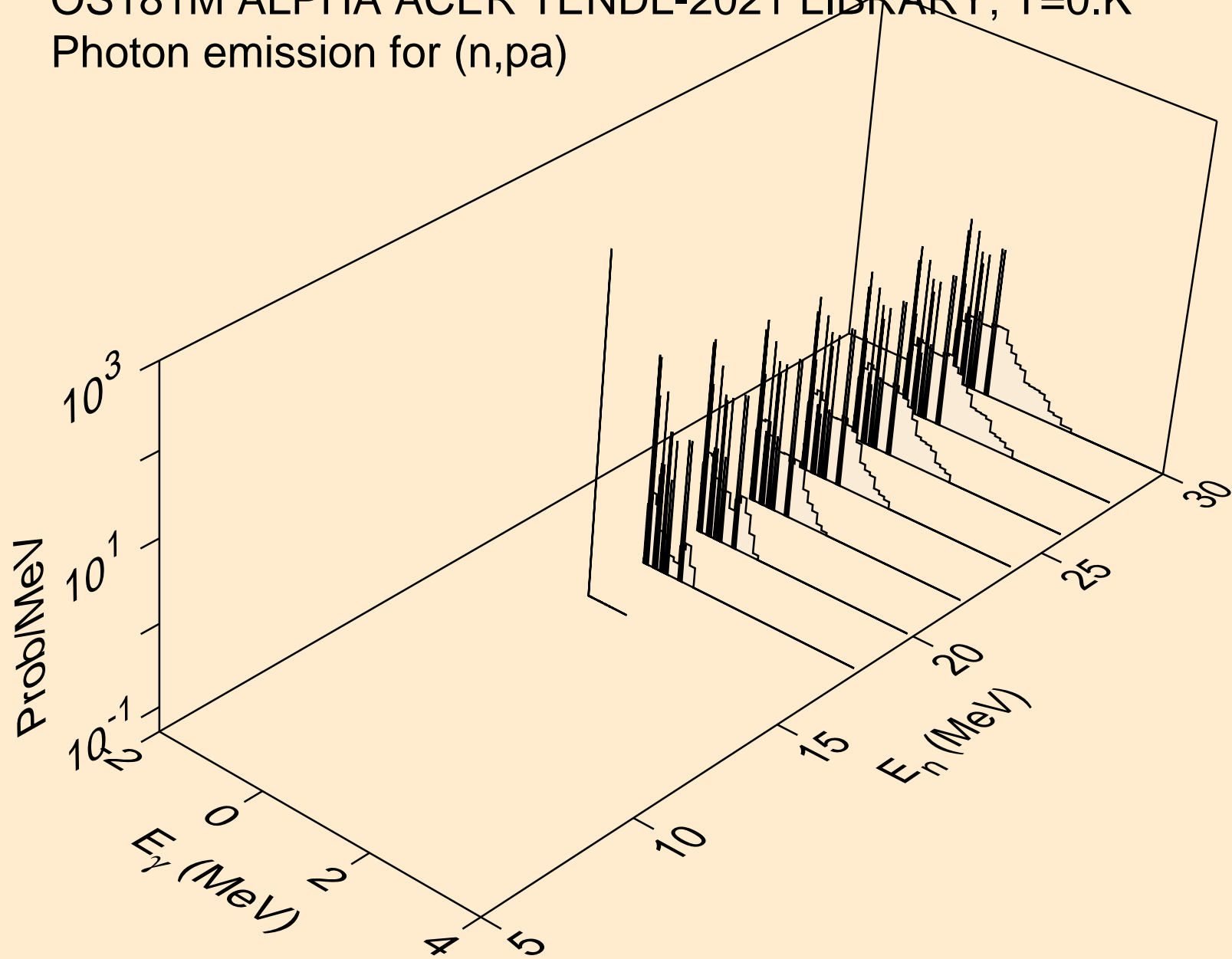
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

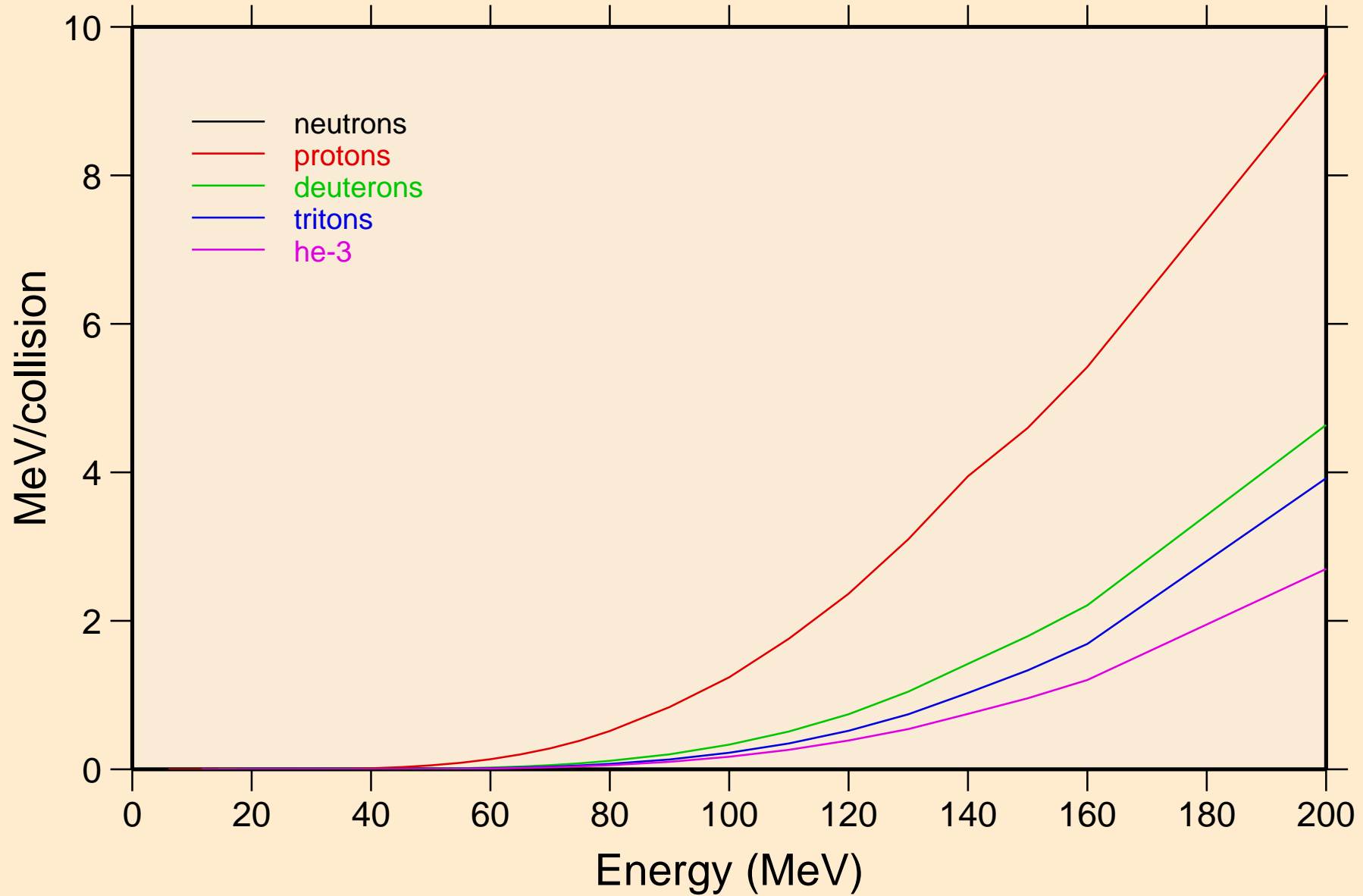


OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

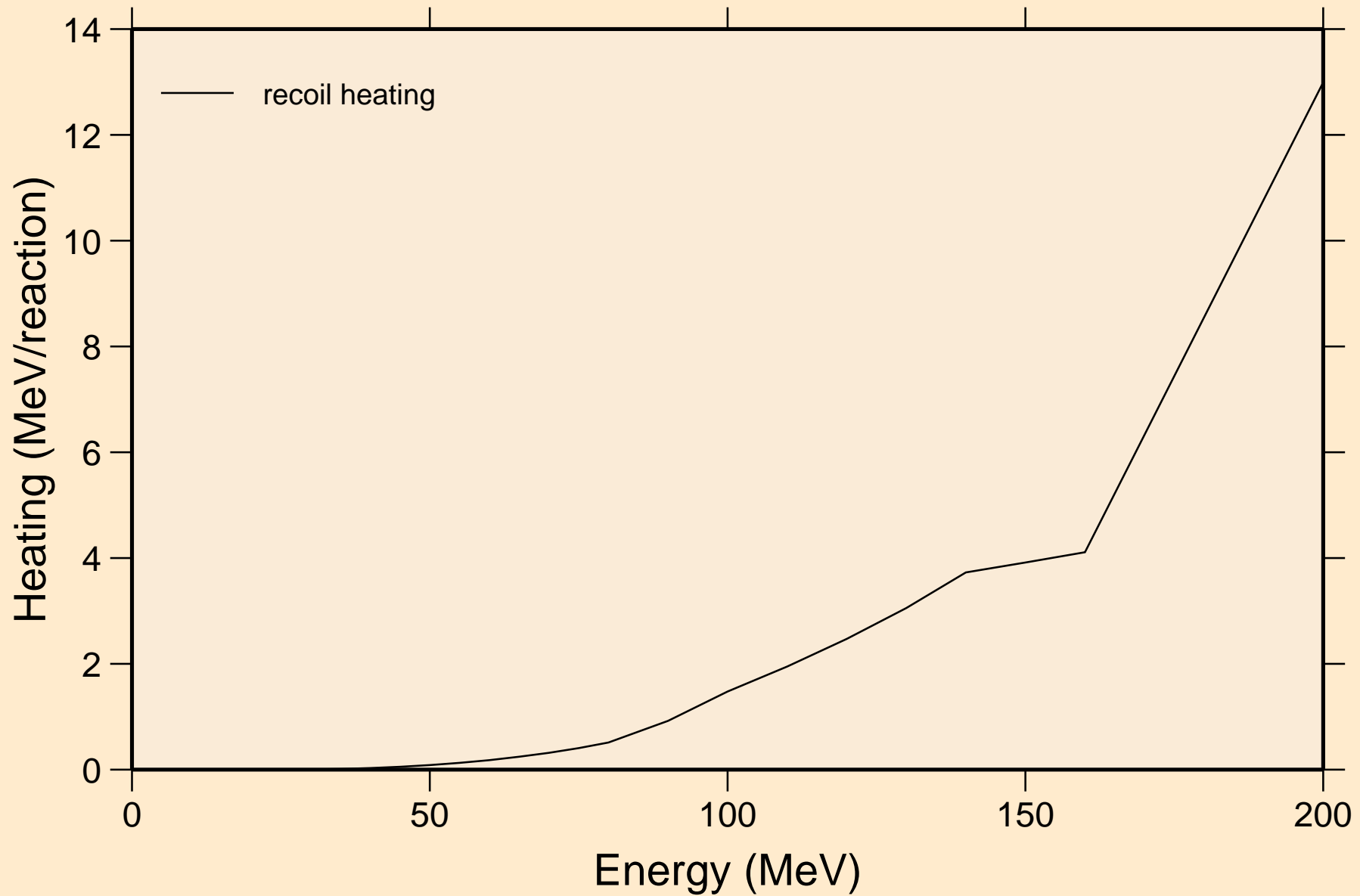


# OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

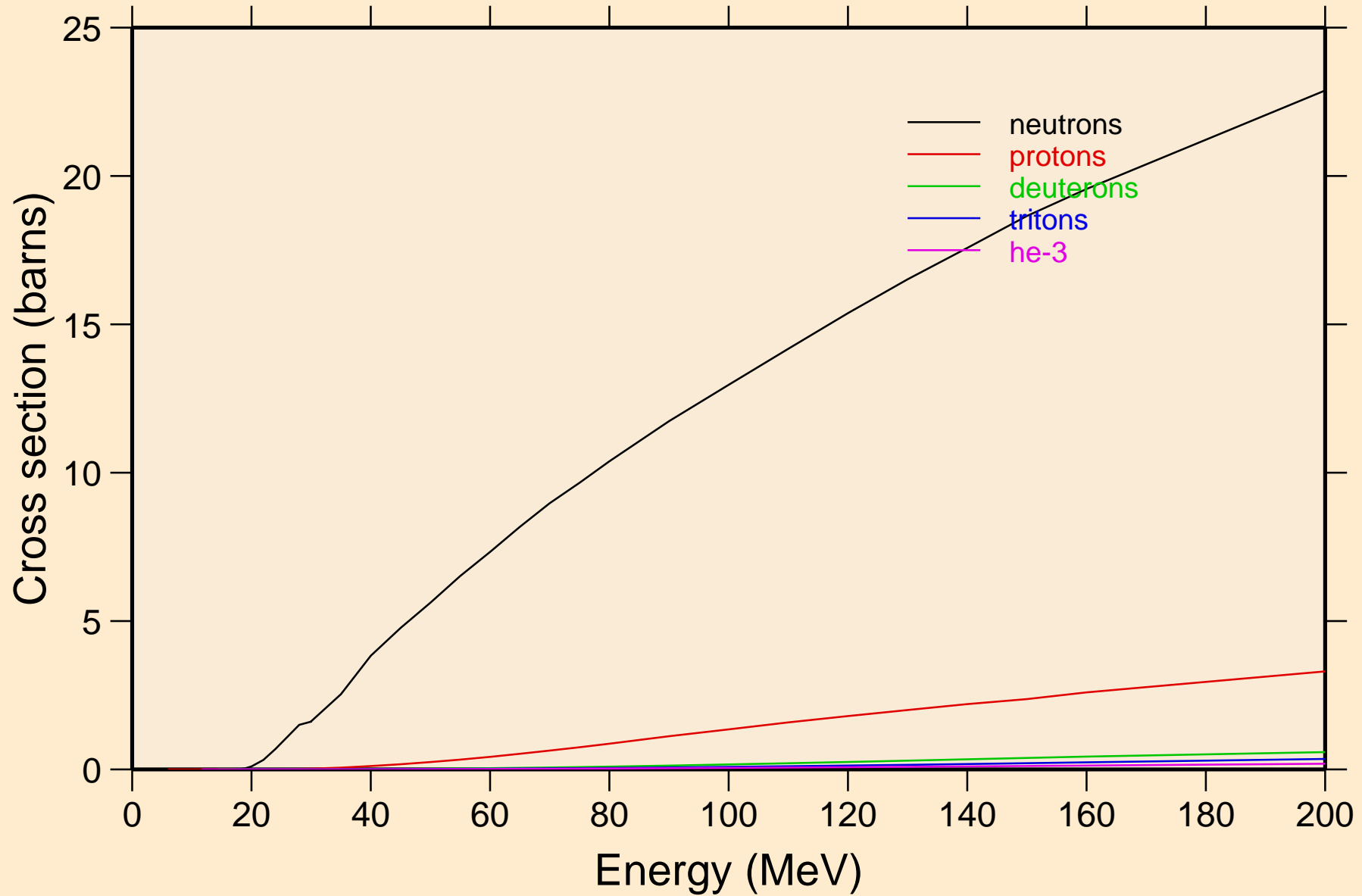
## Particle heating contributions



OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

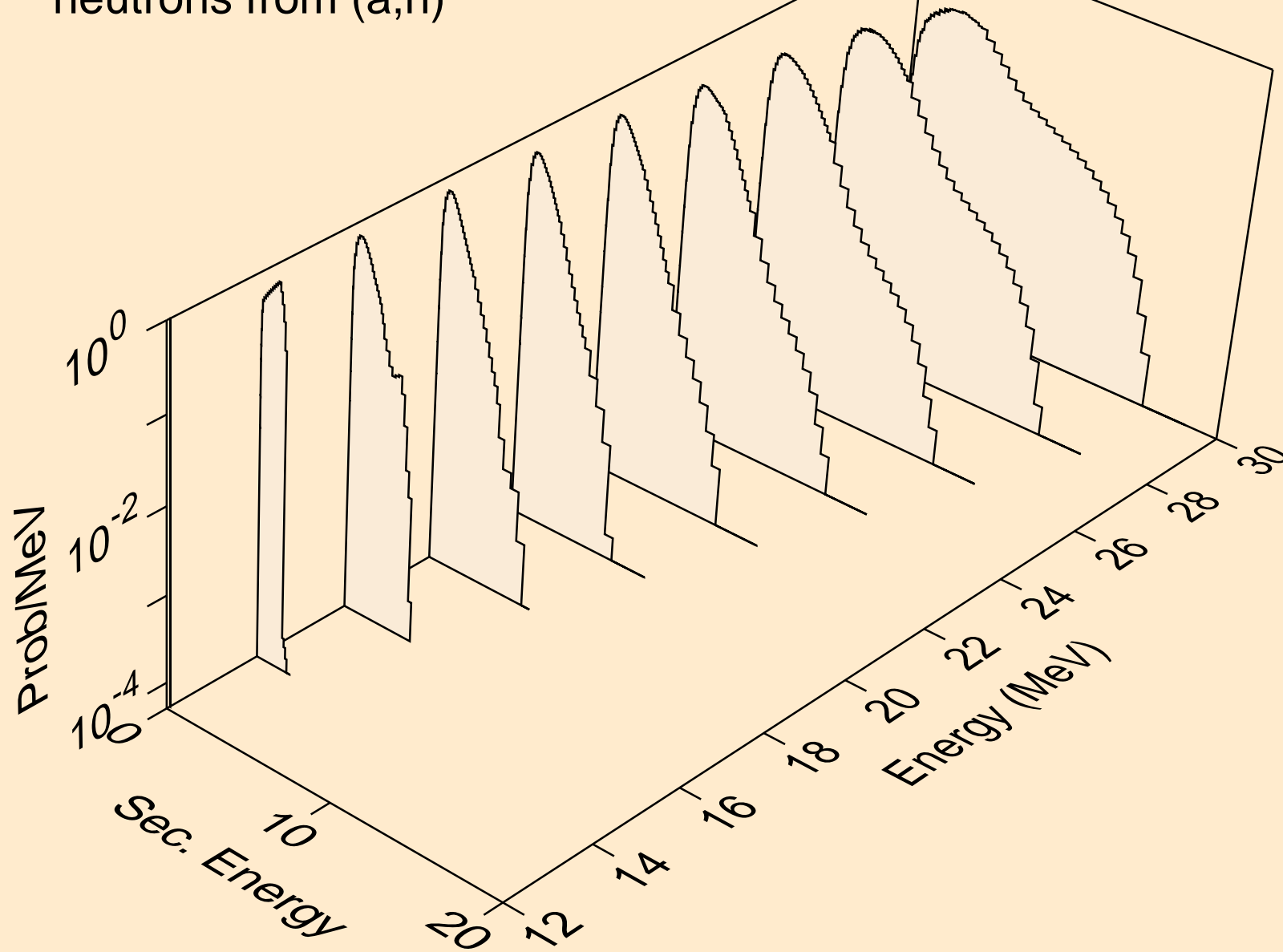


OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

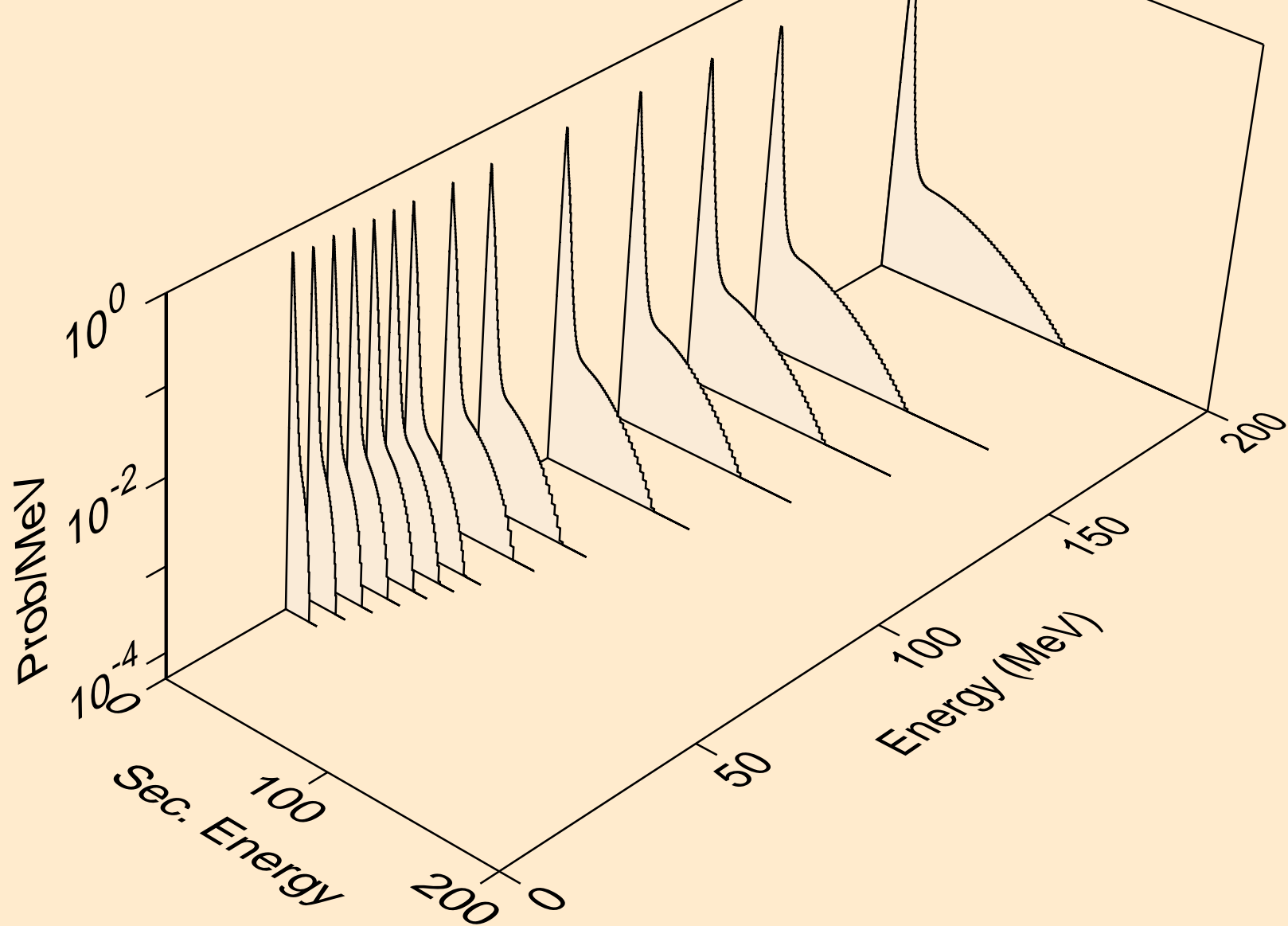




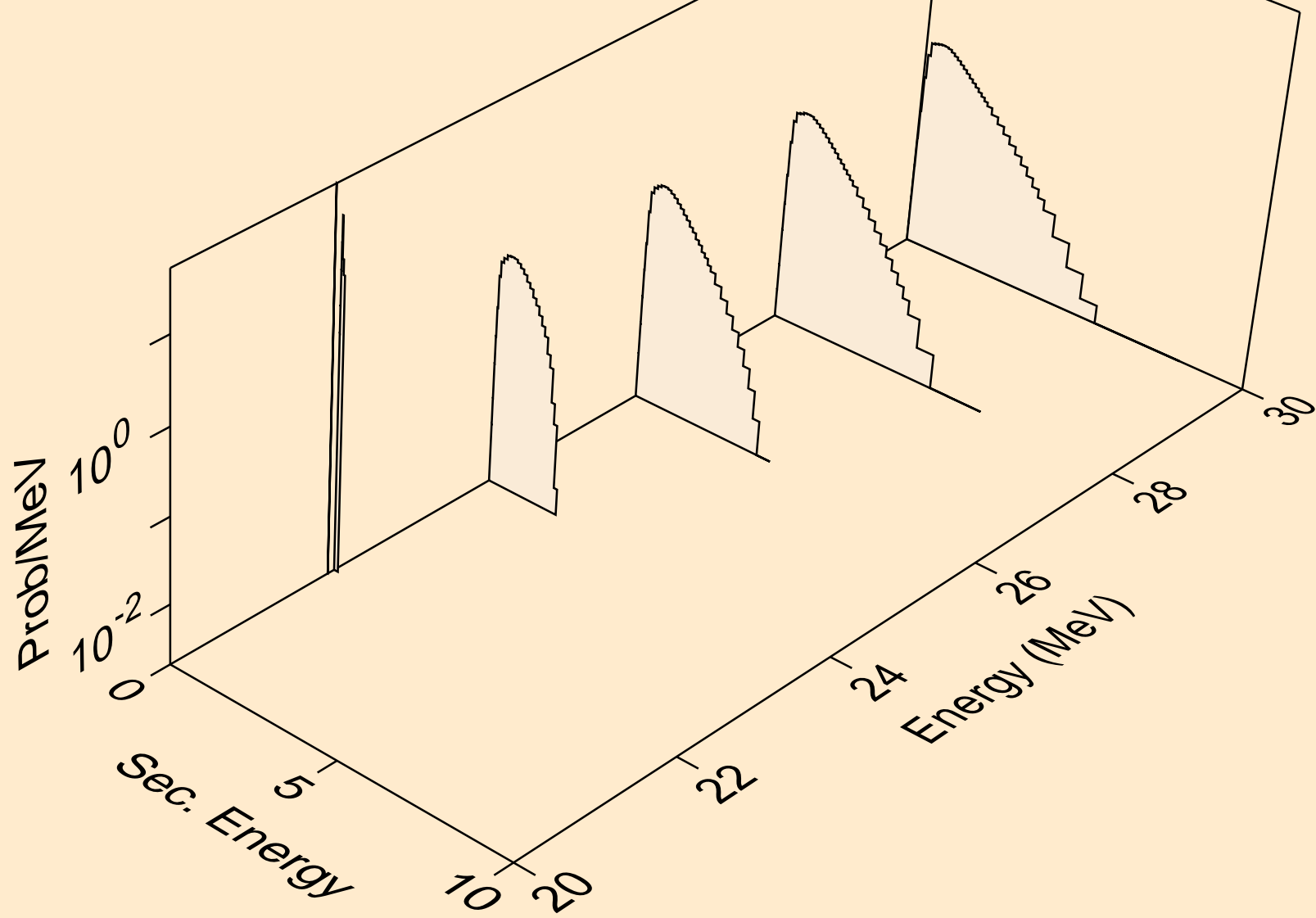
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



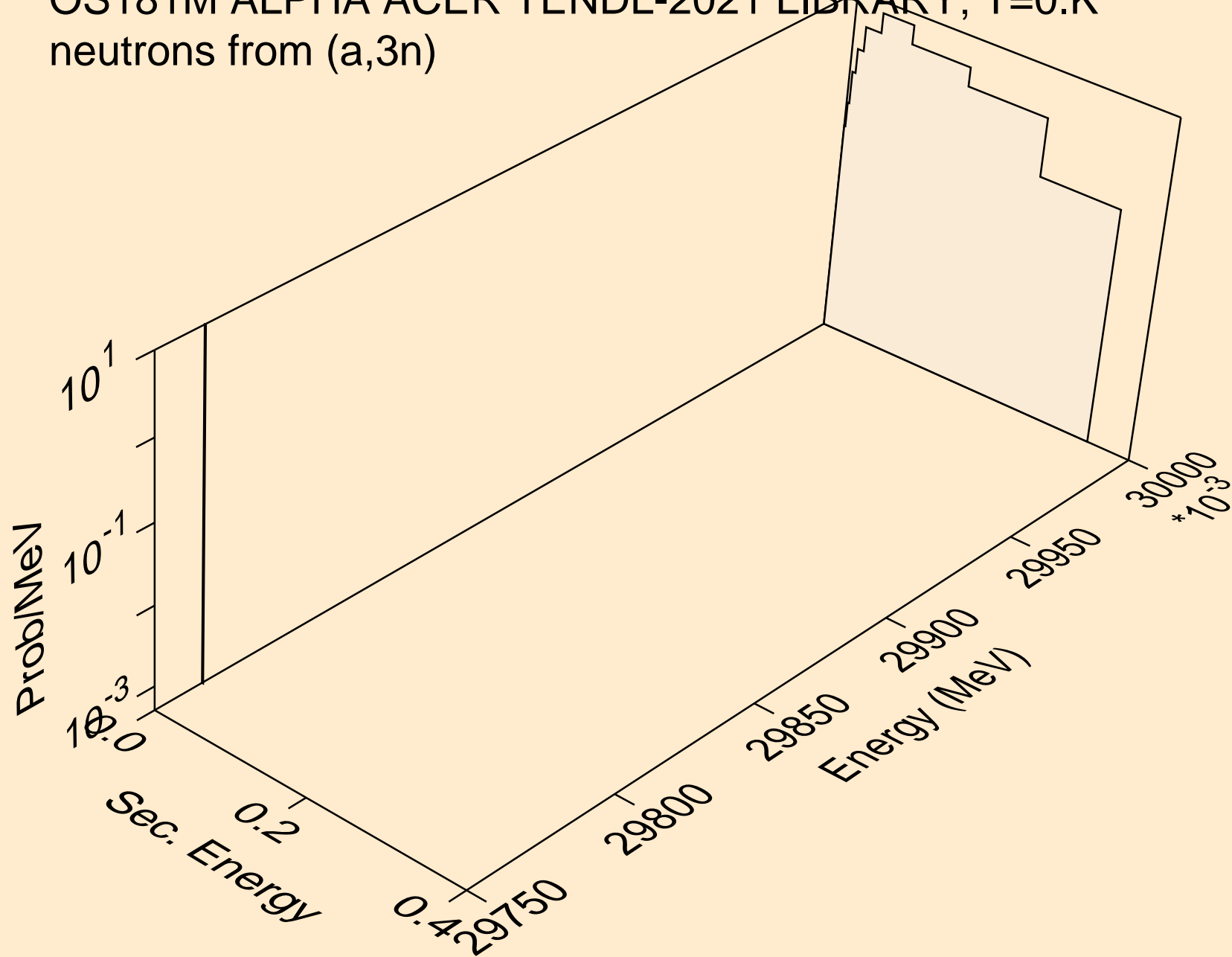
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neutrons from (a,x)



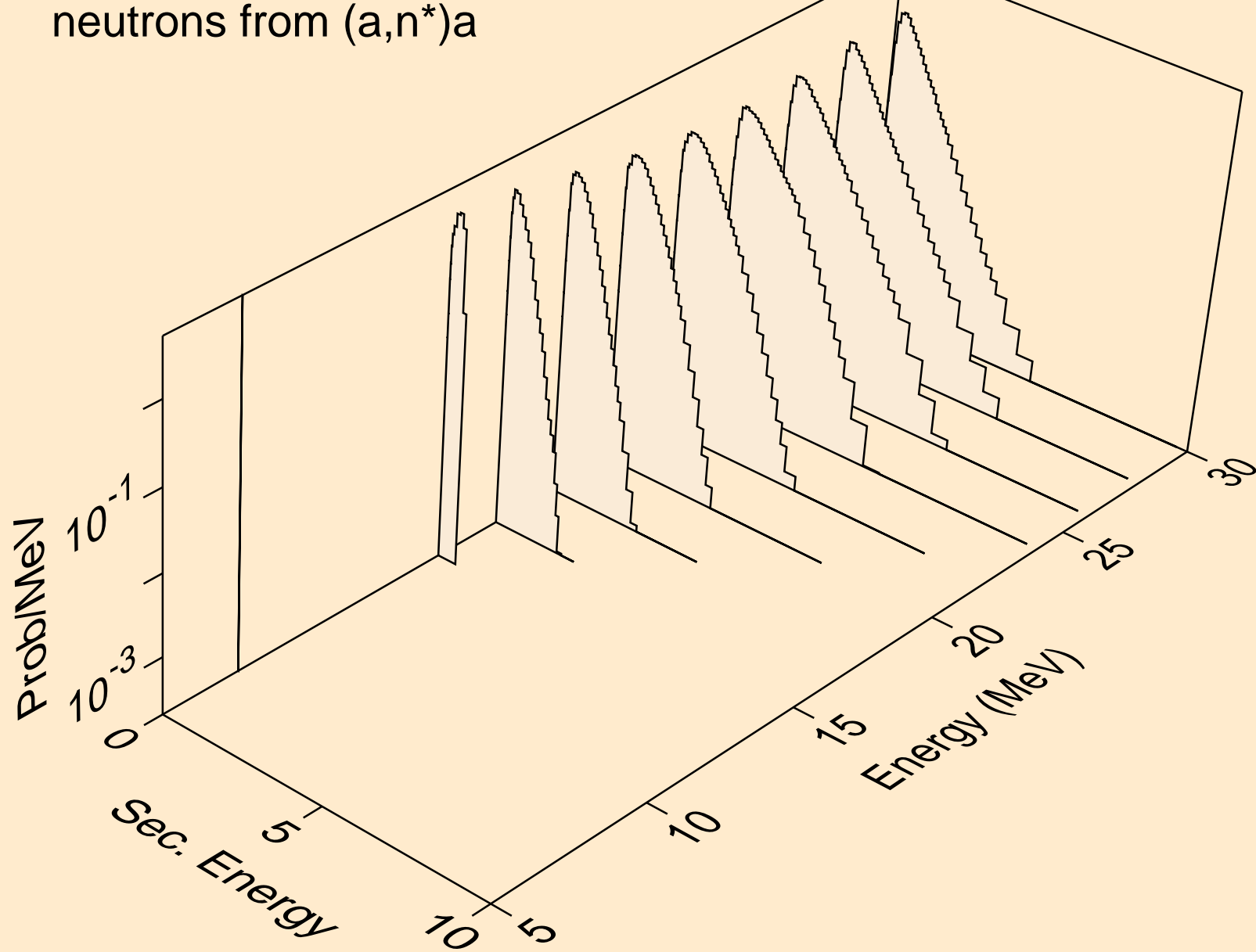
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



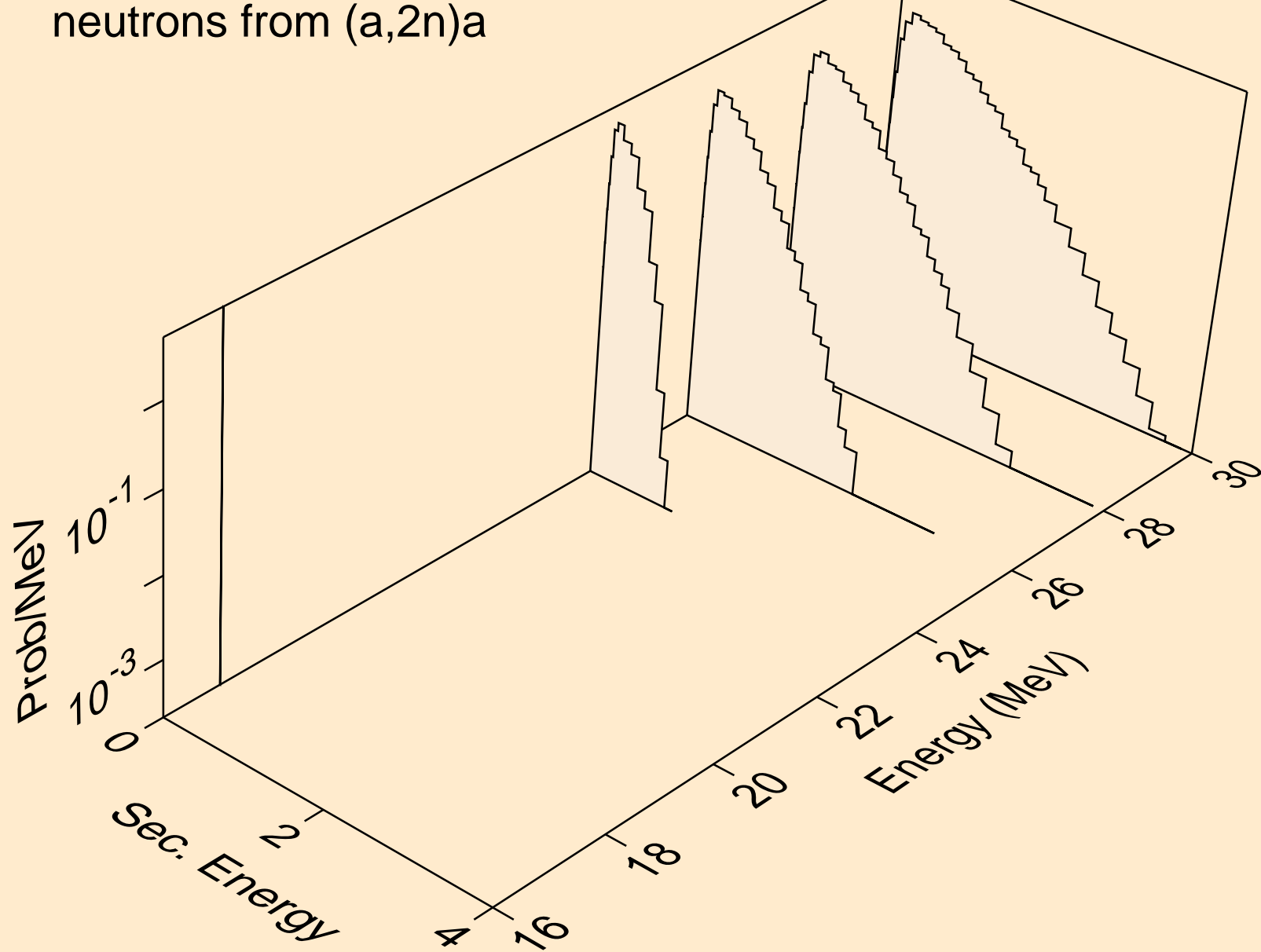
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neutrons from (a,3n)



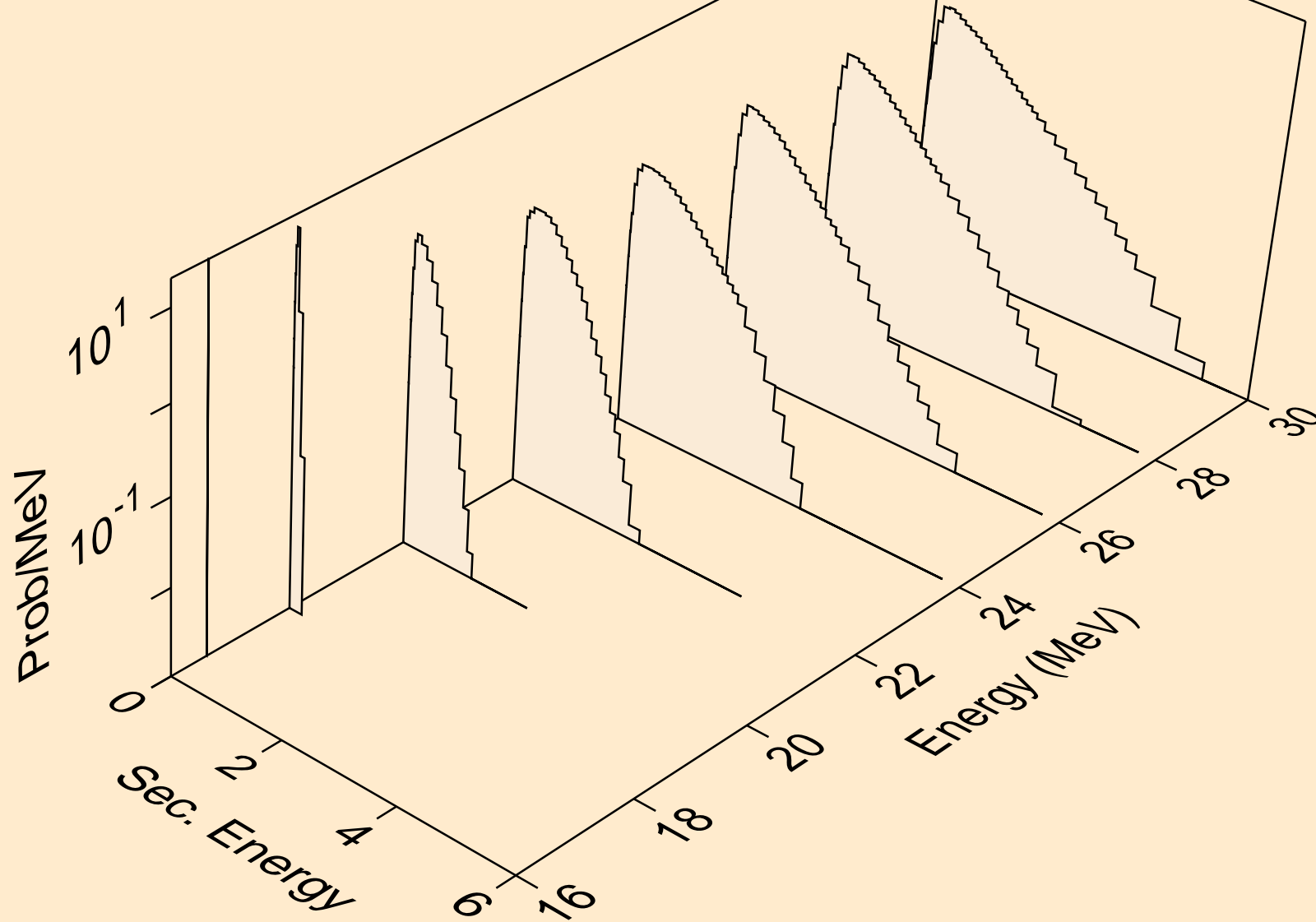
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



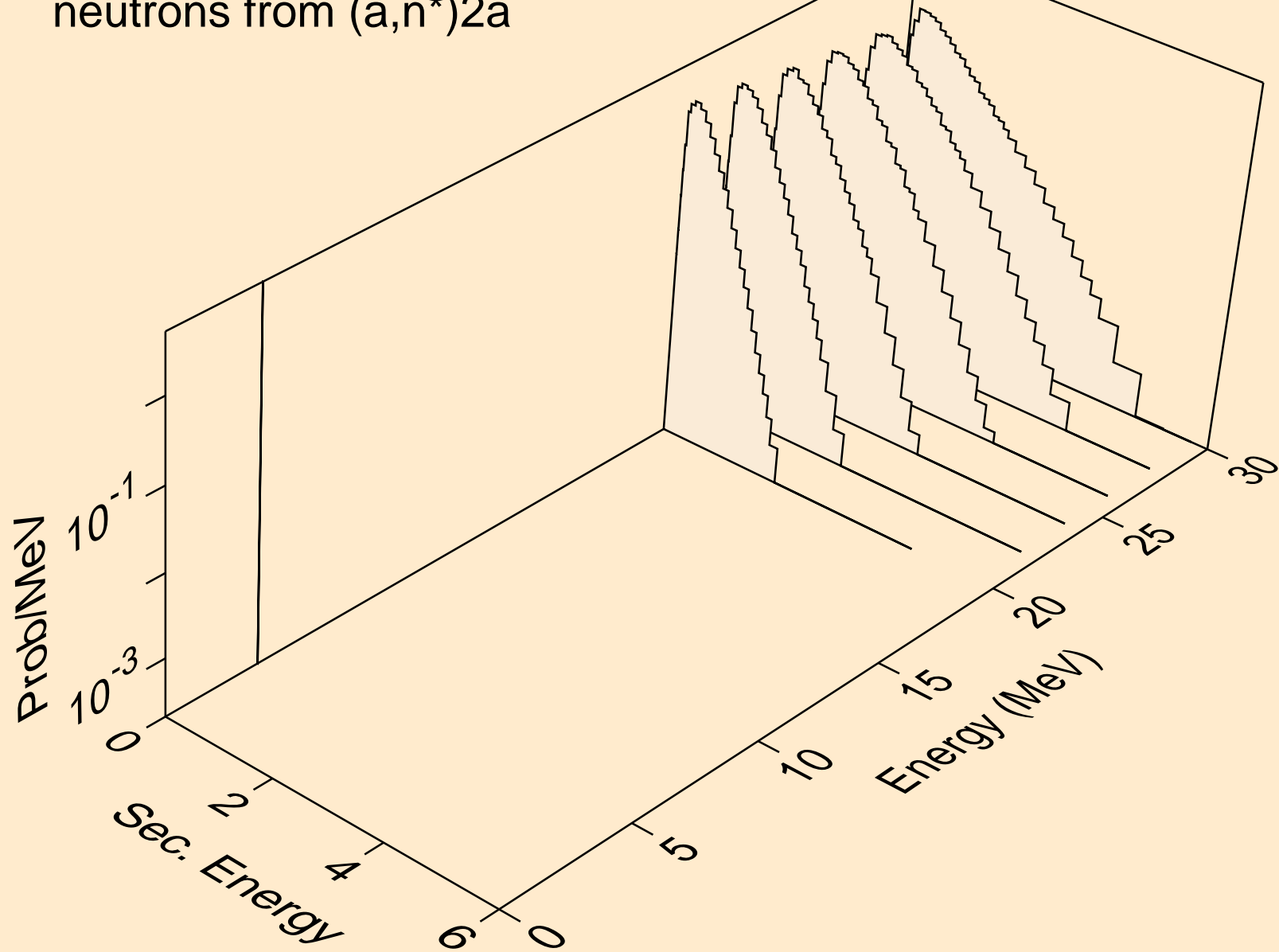
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p

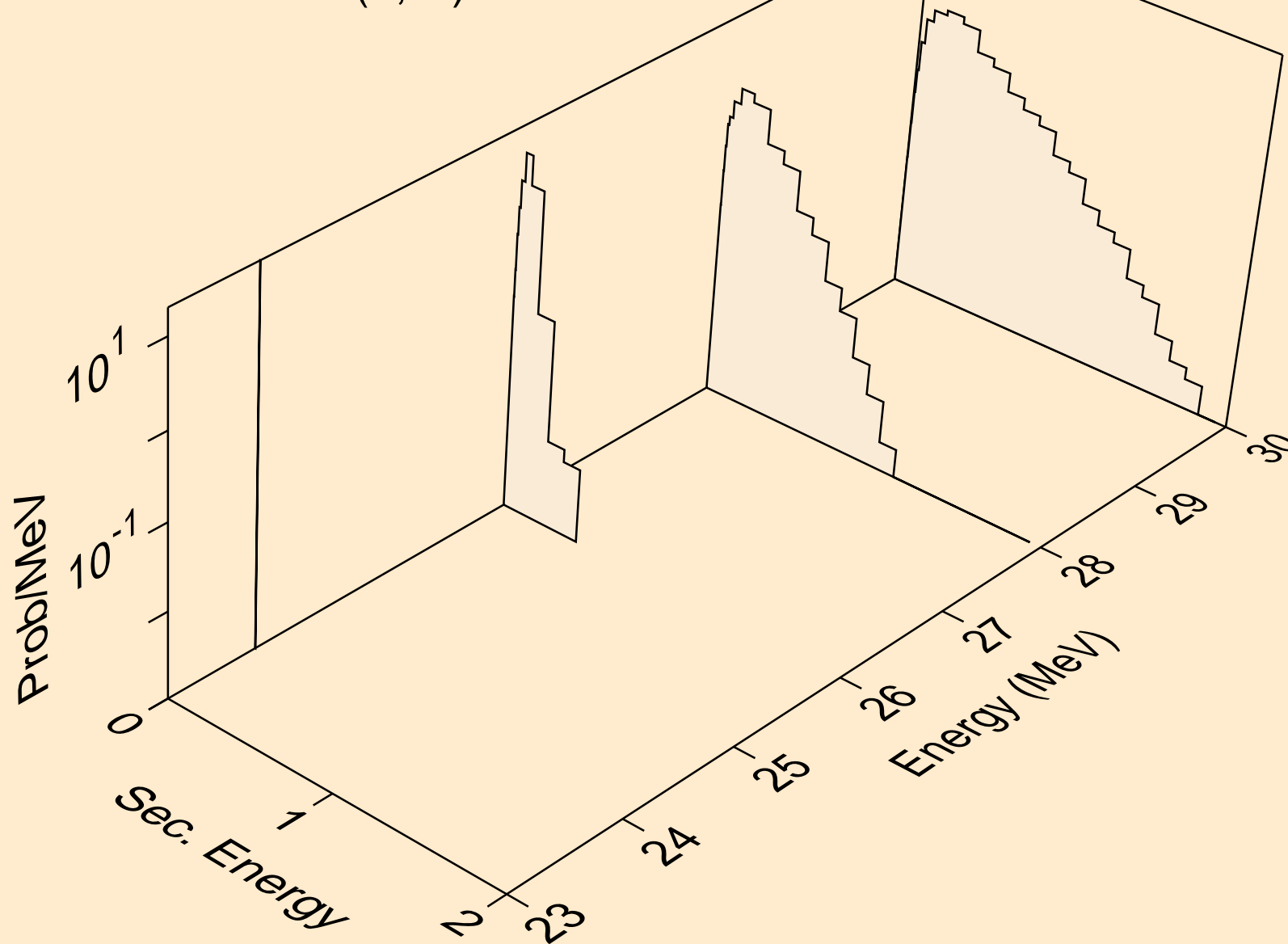


OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)2a

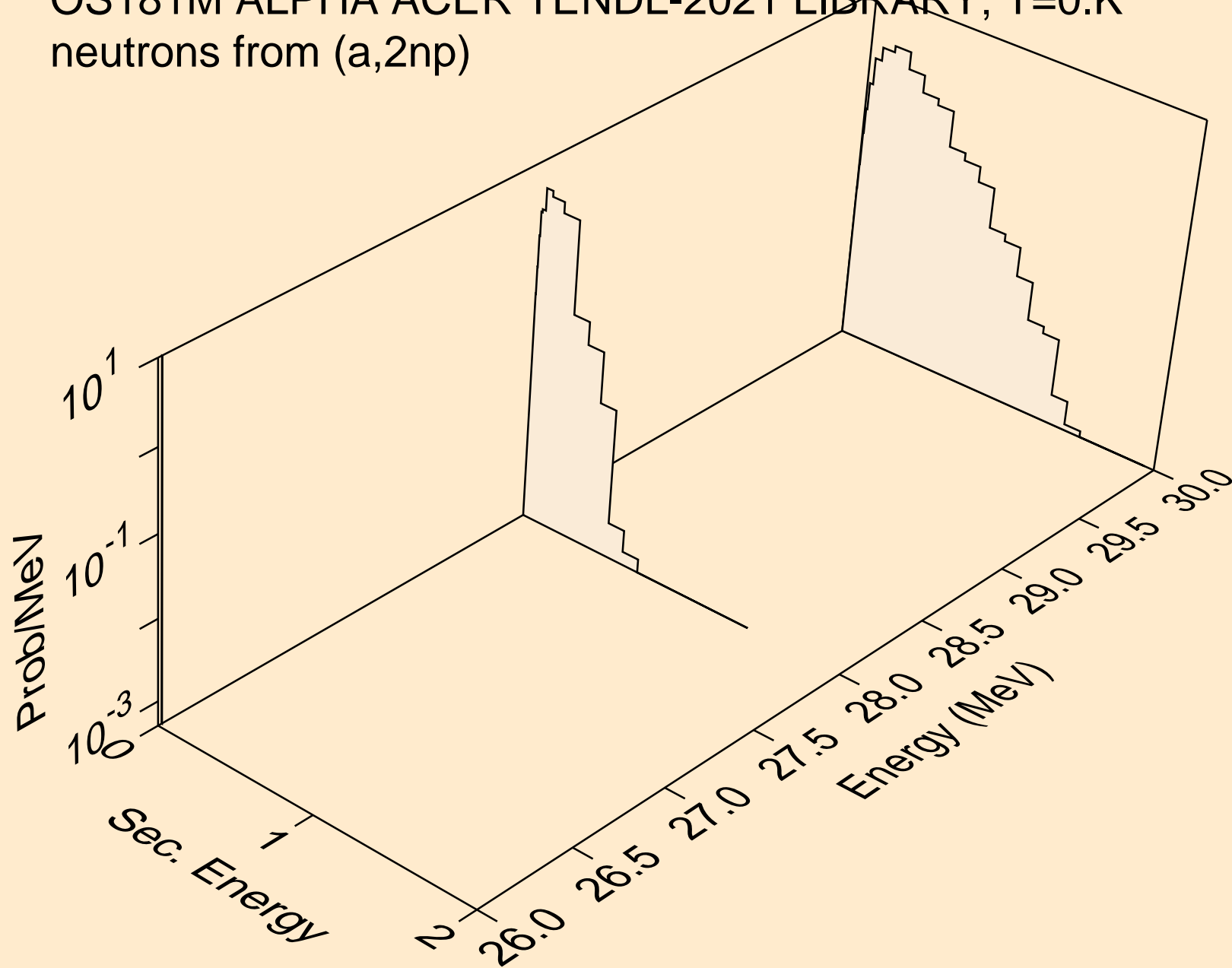




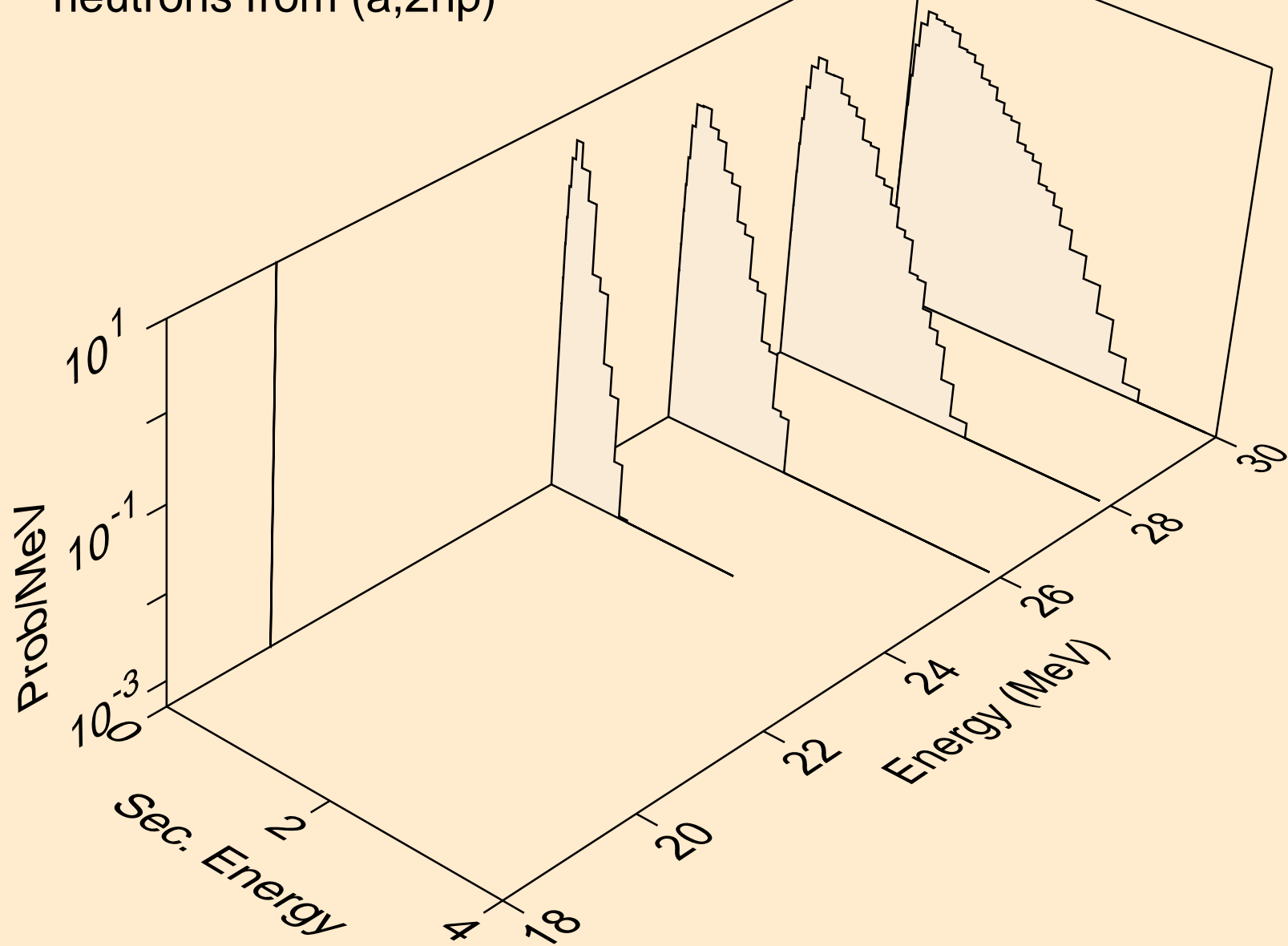
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neutrons from (a,n\*)d



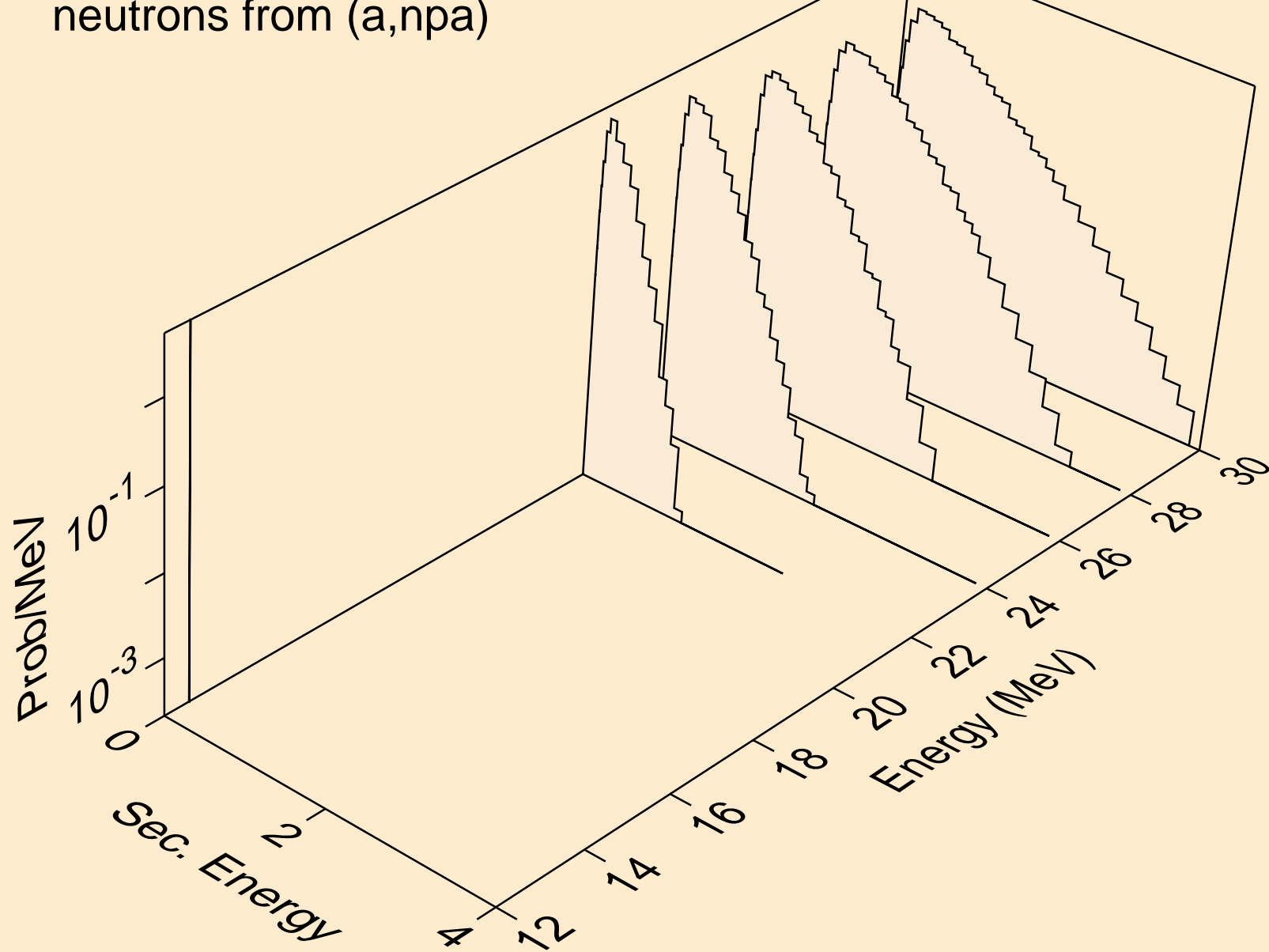
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neutrons from (a,2np)



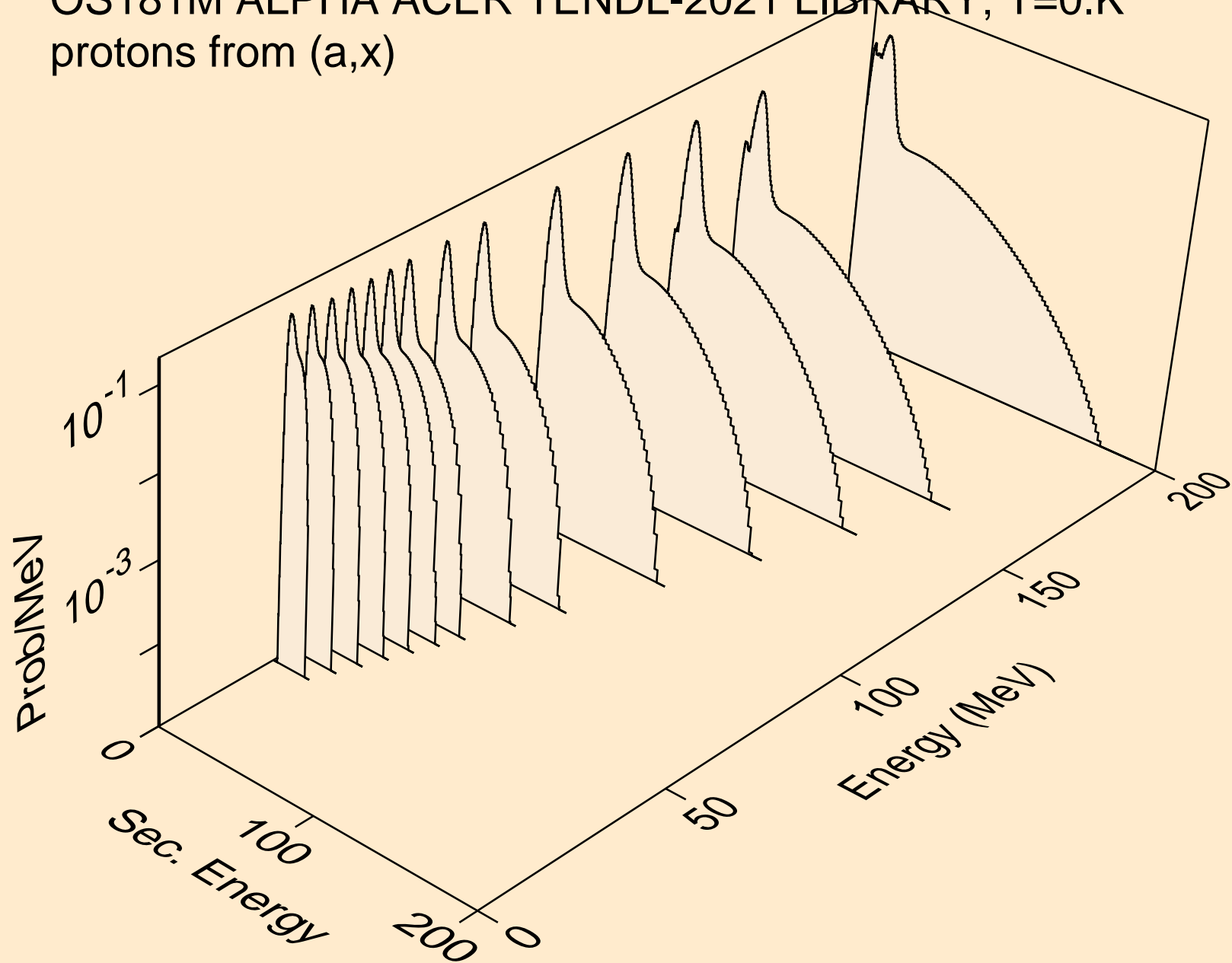
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



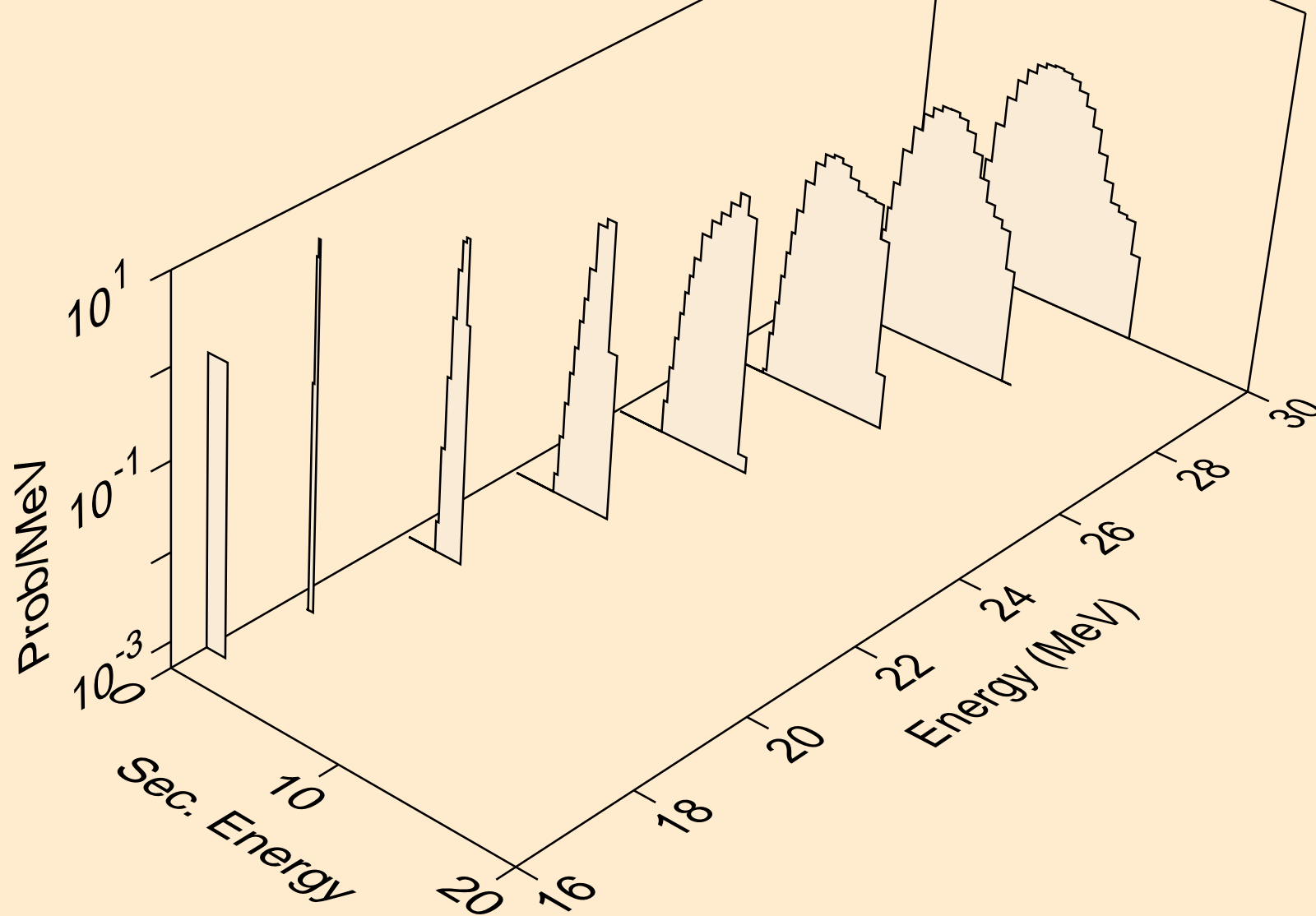
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)



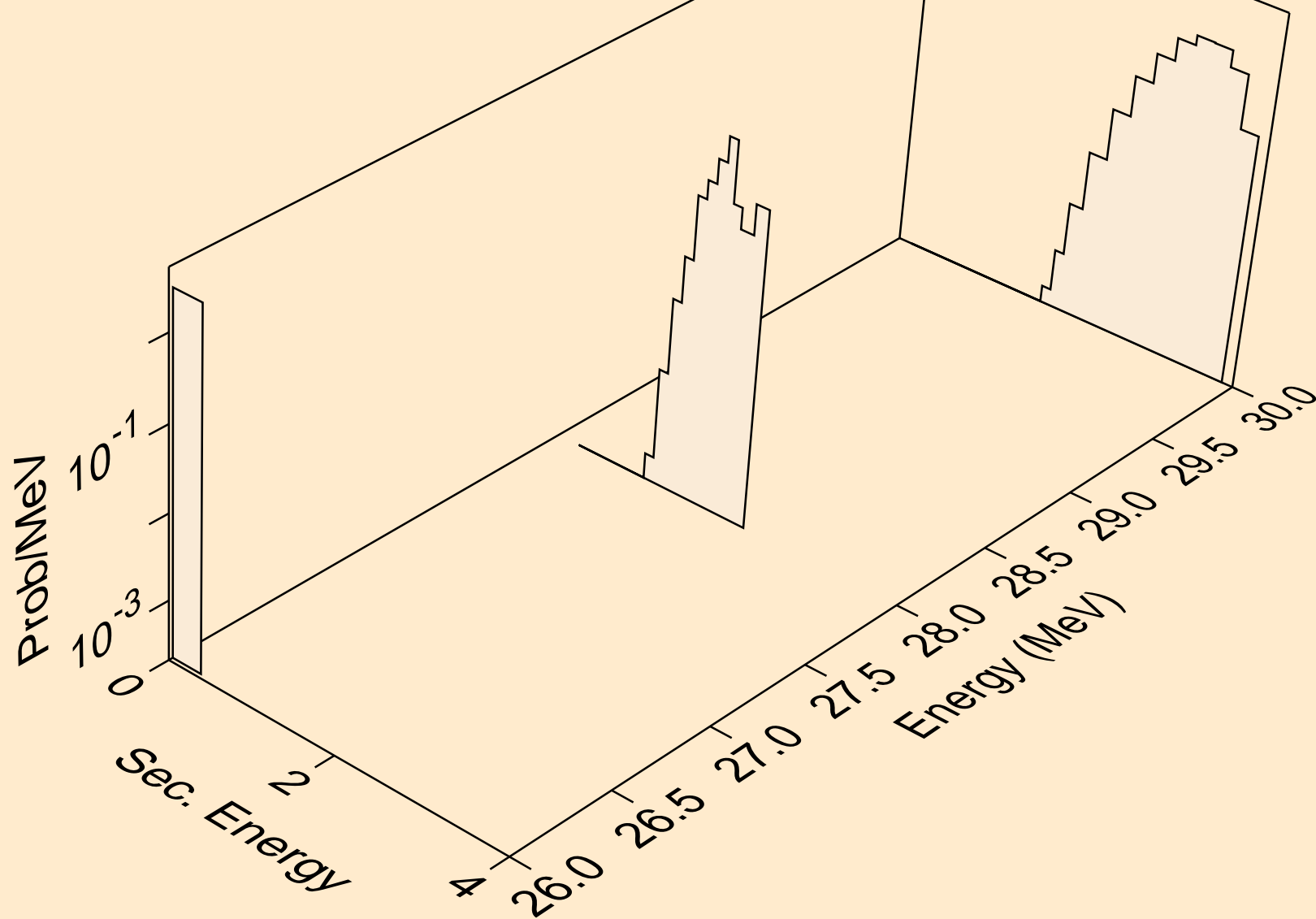
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



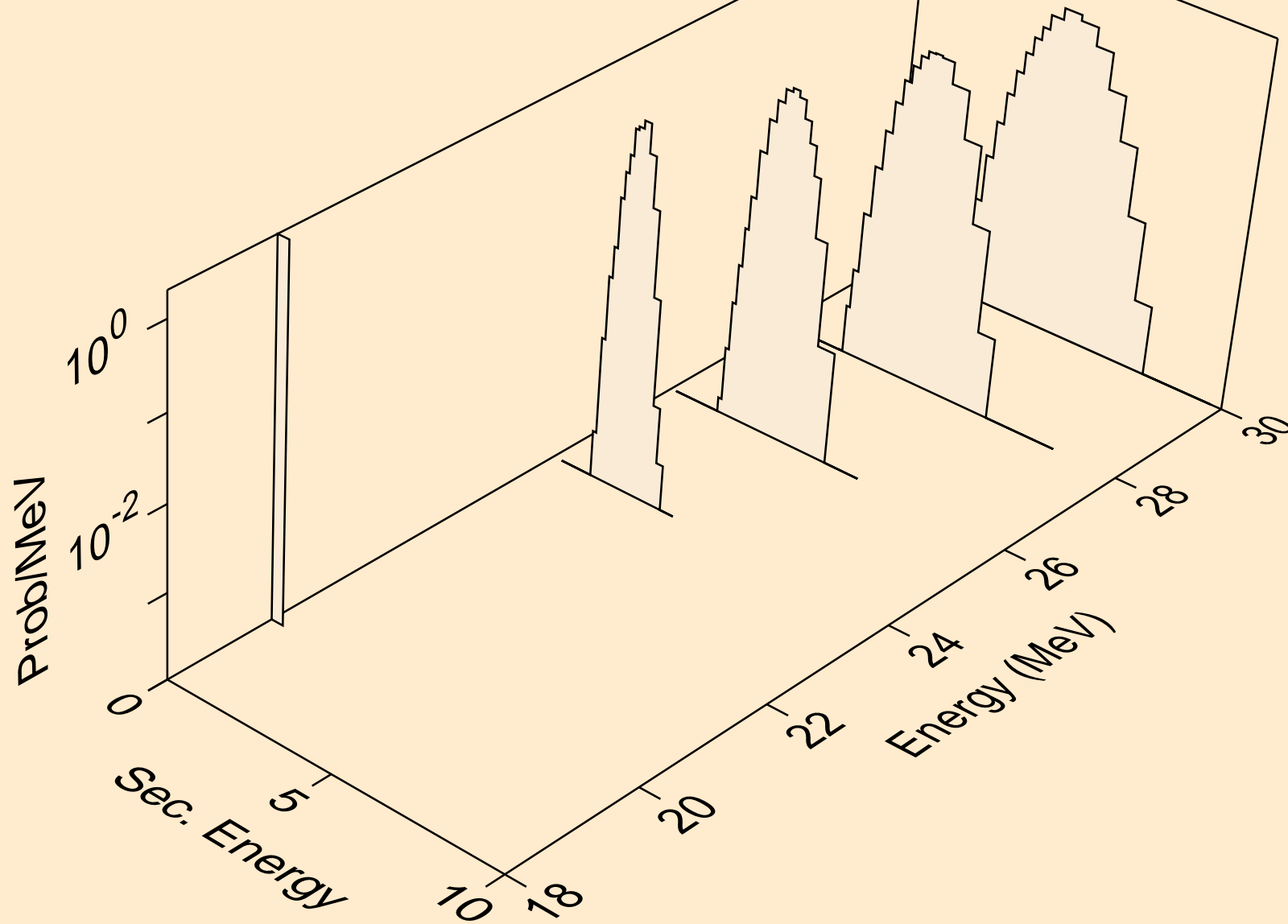
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)

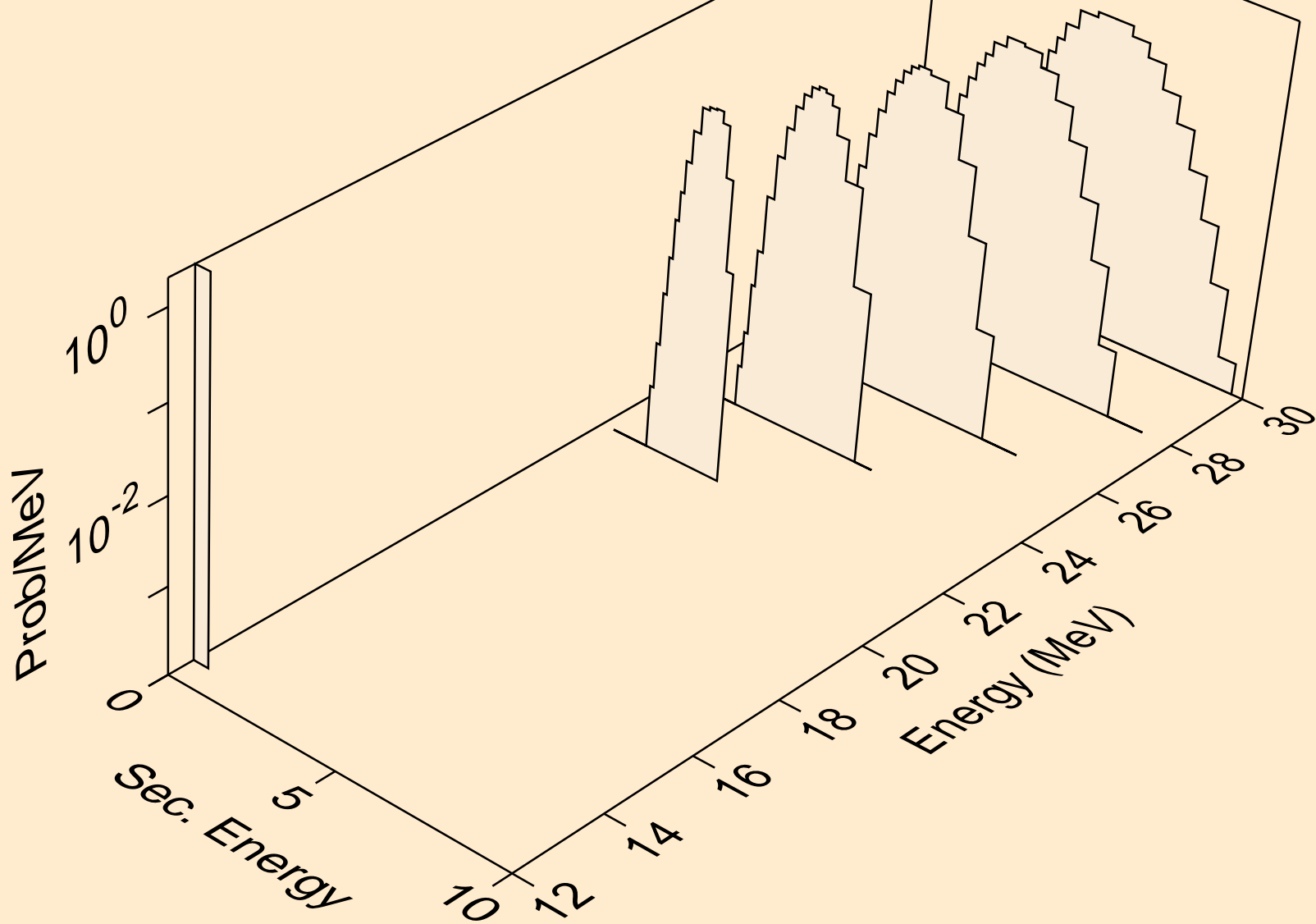


OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)

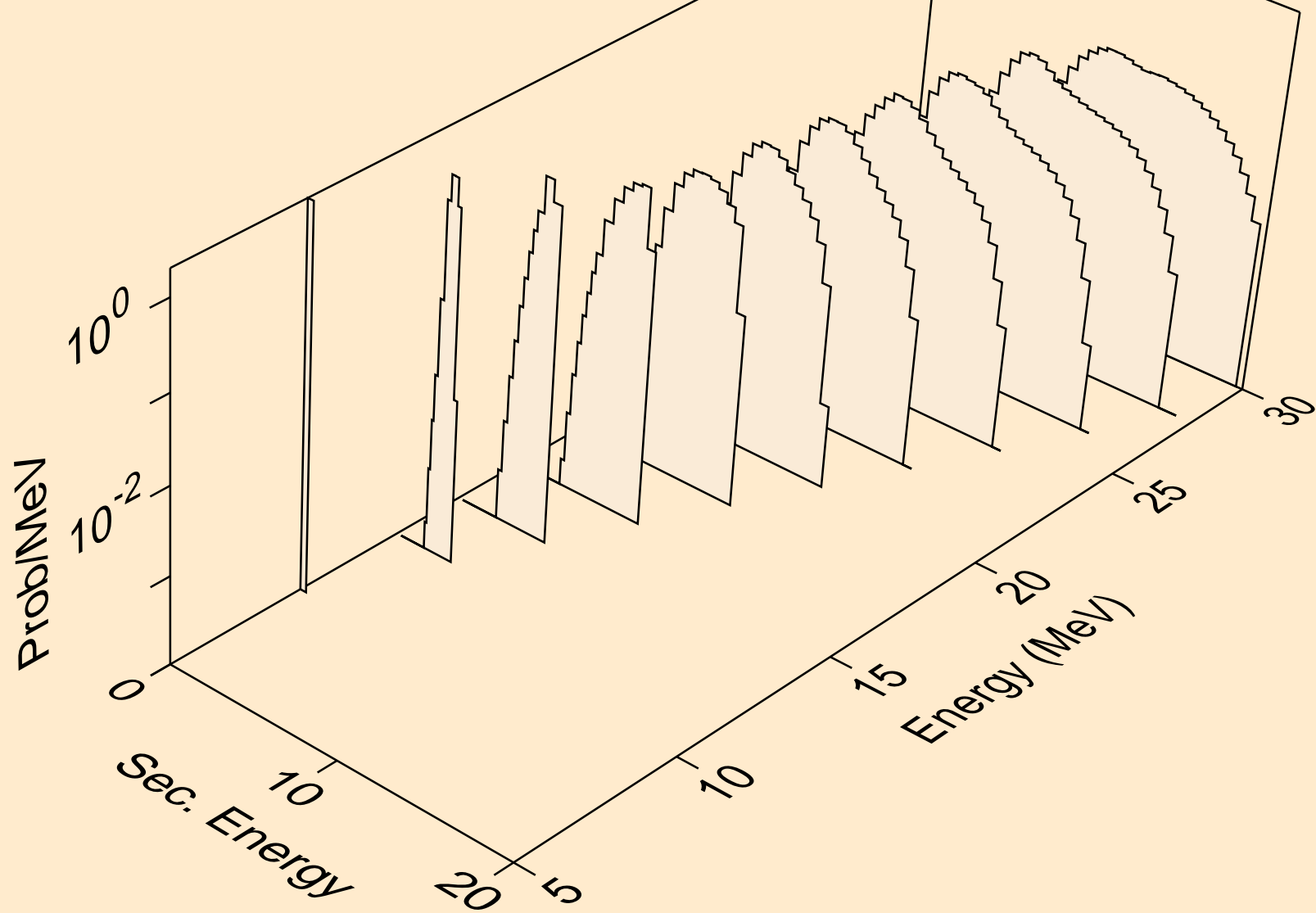




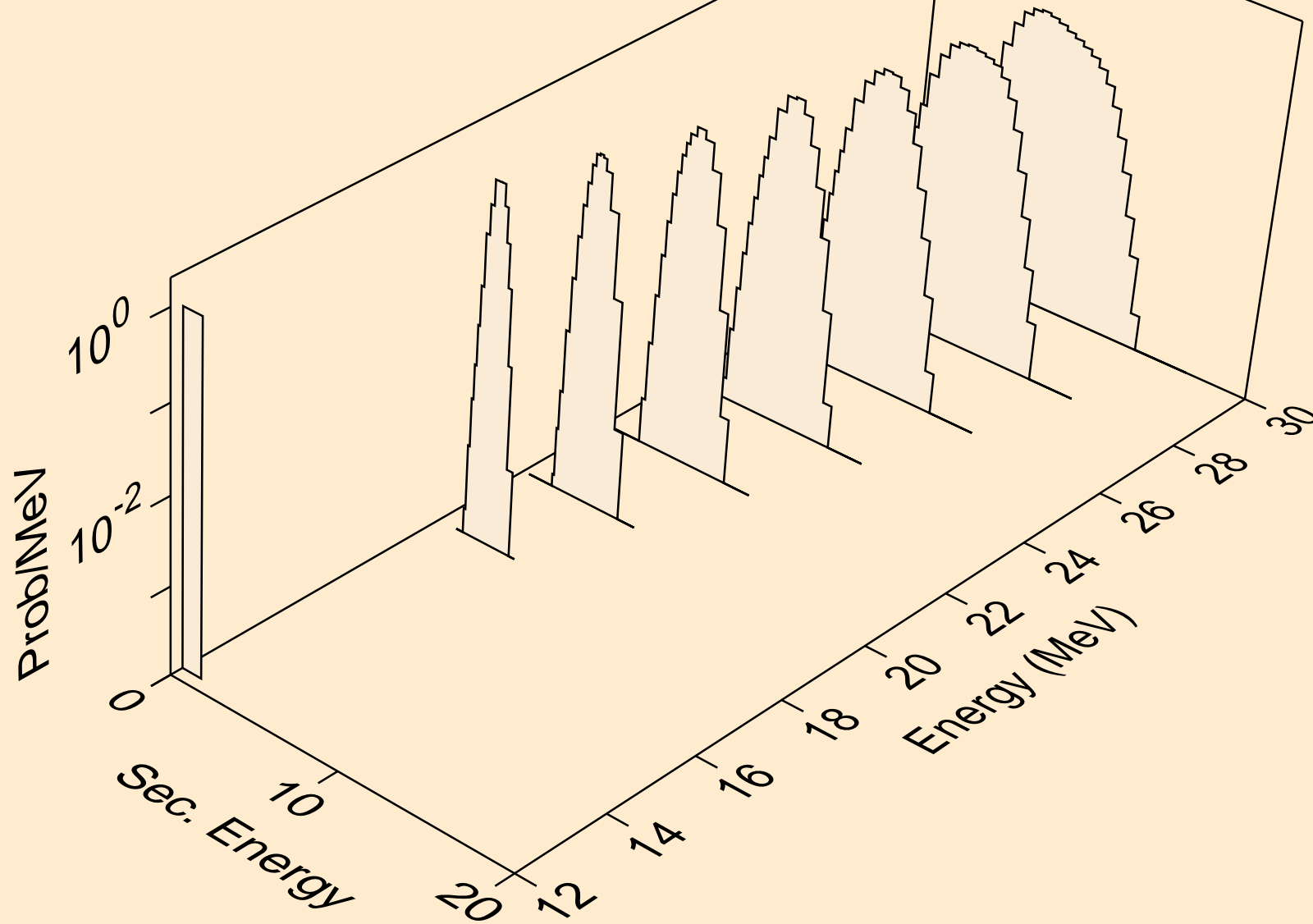
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protons from (a,npa)



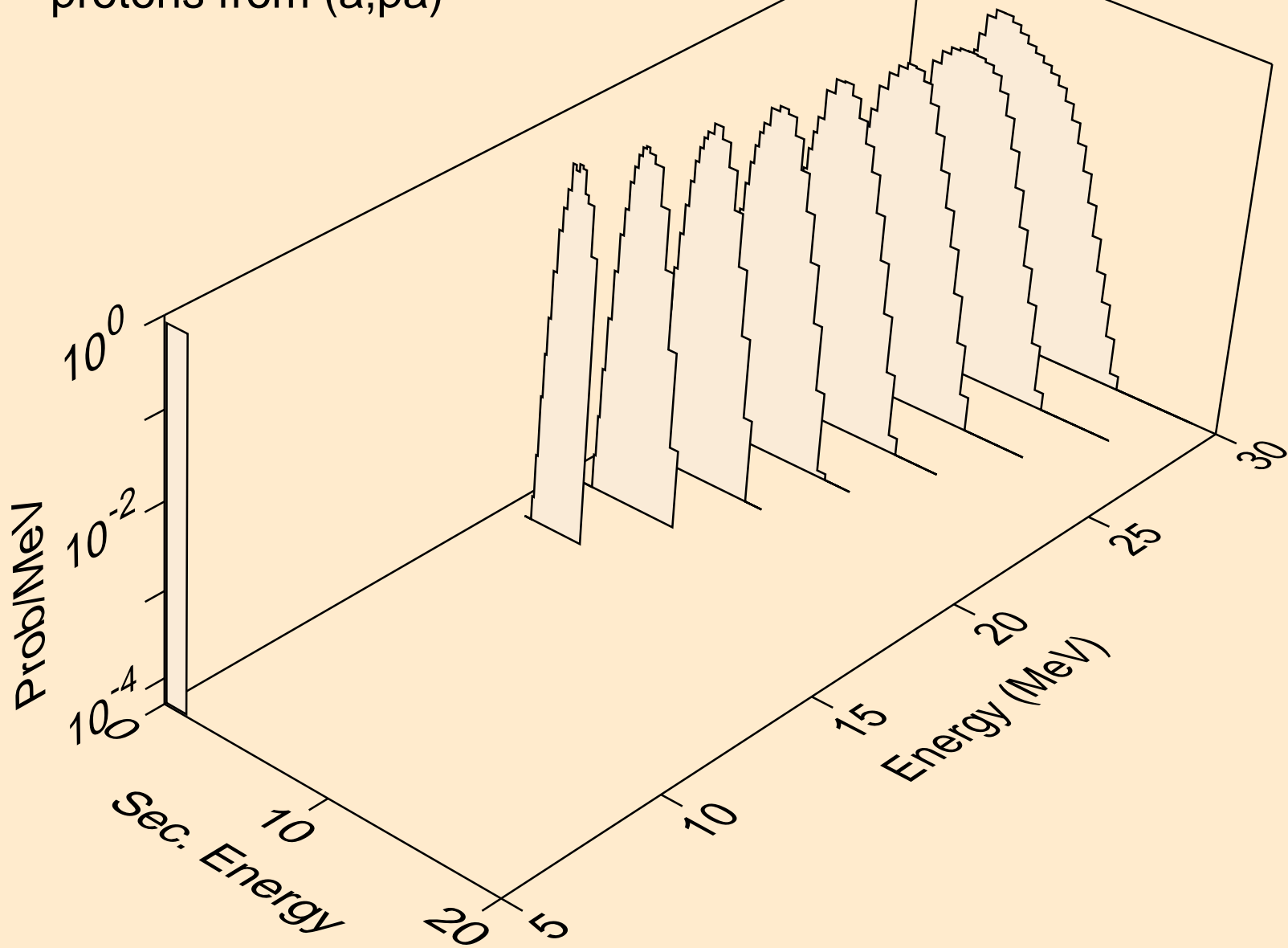
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



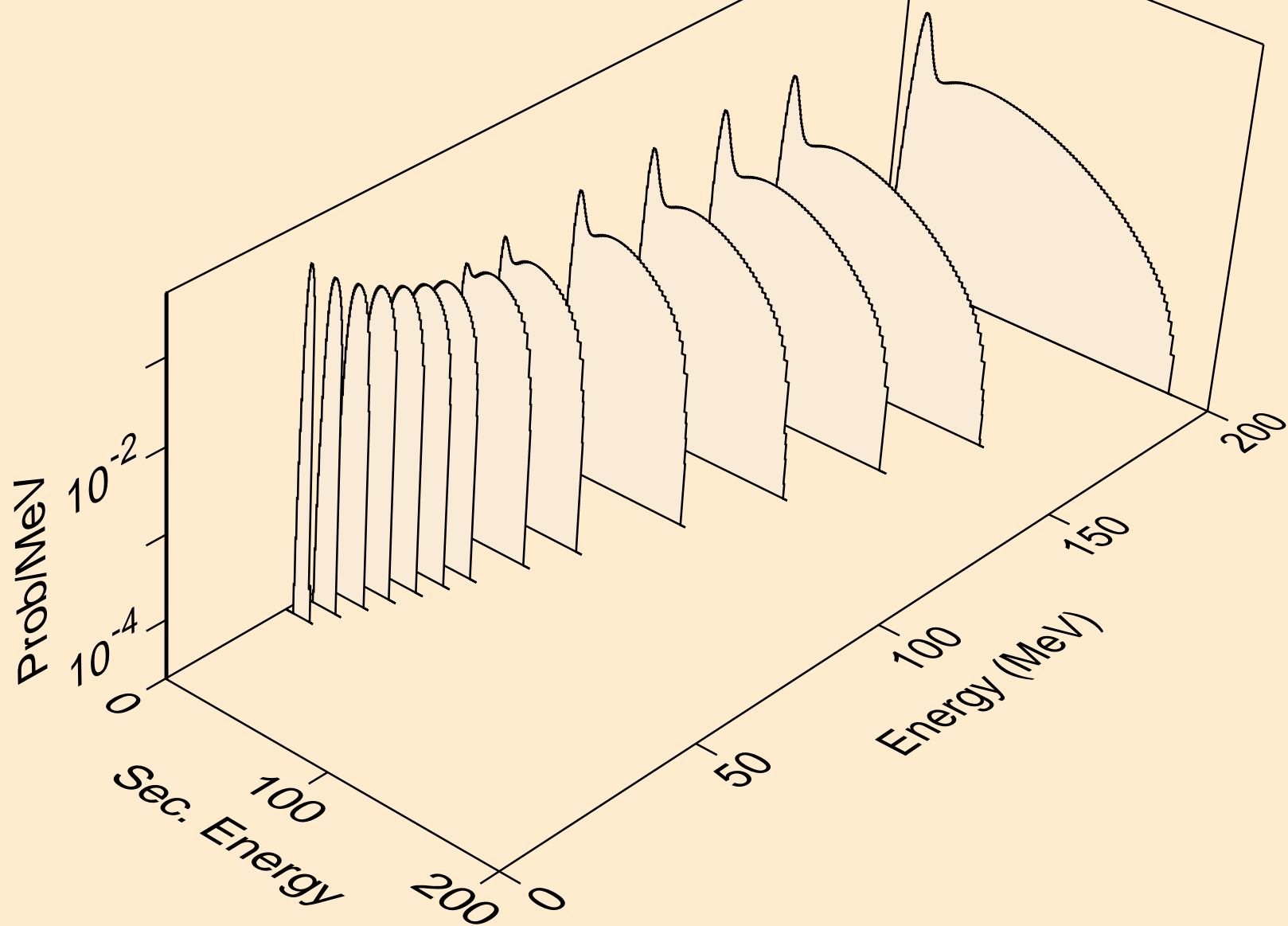
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



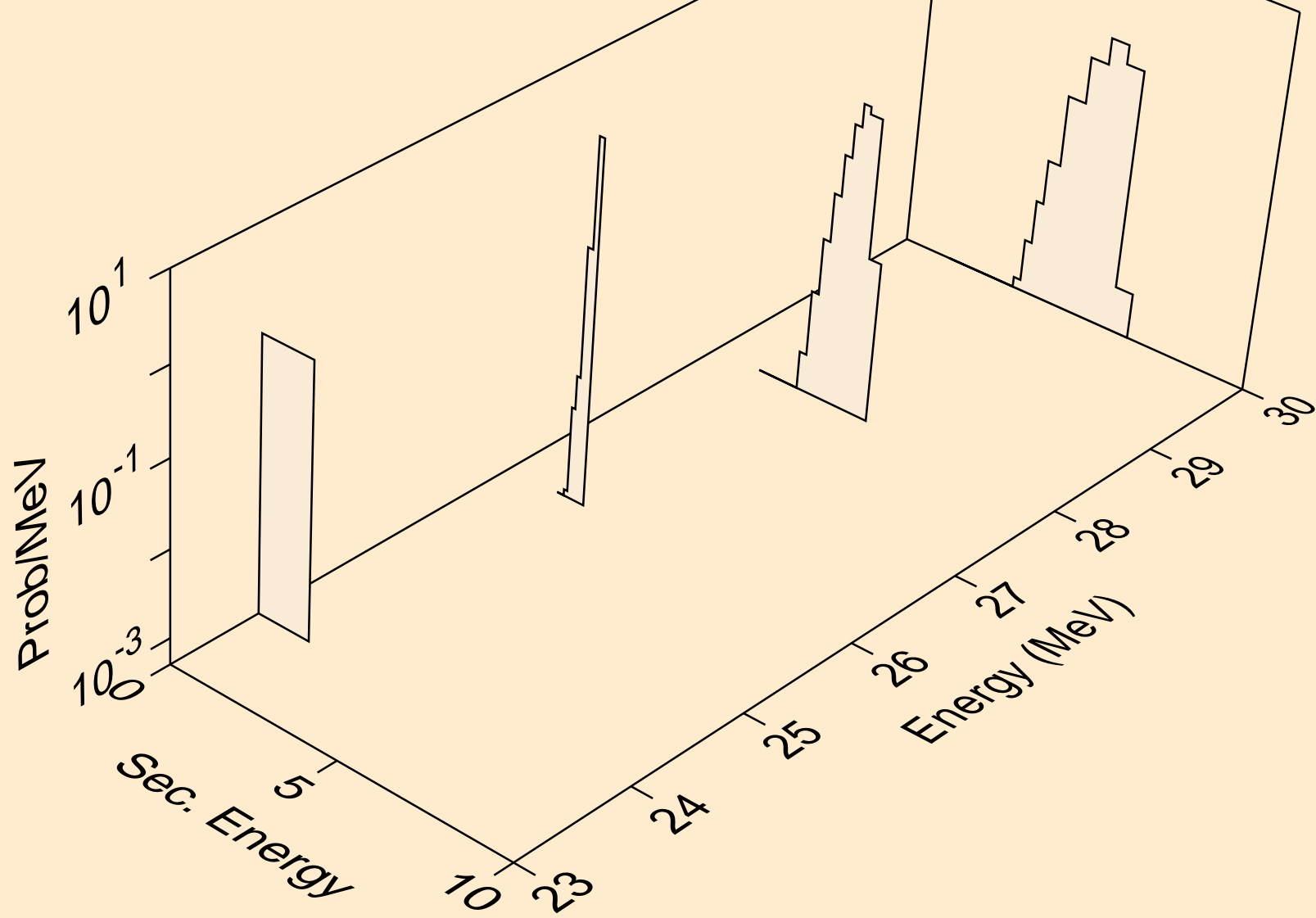
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



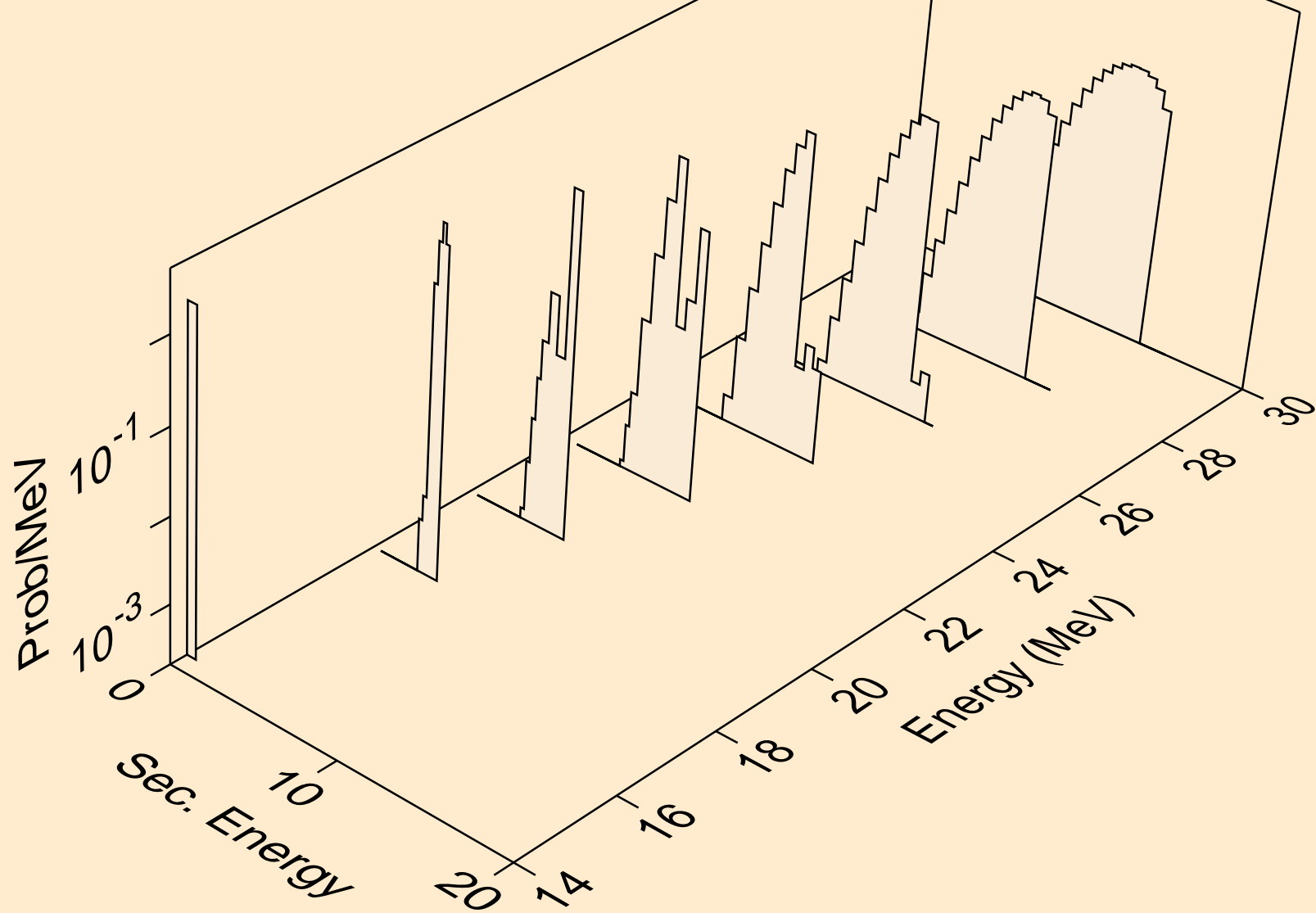
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



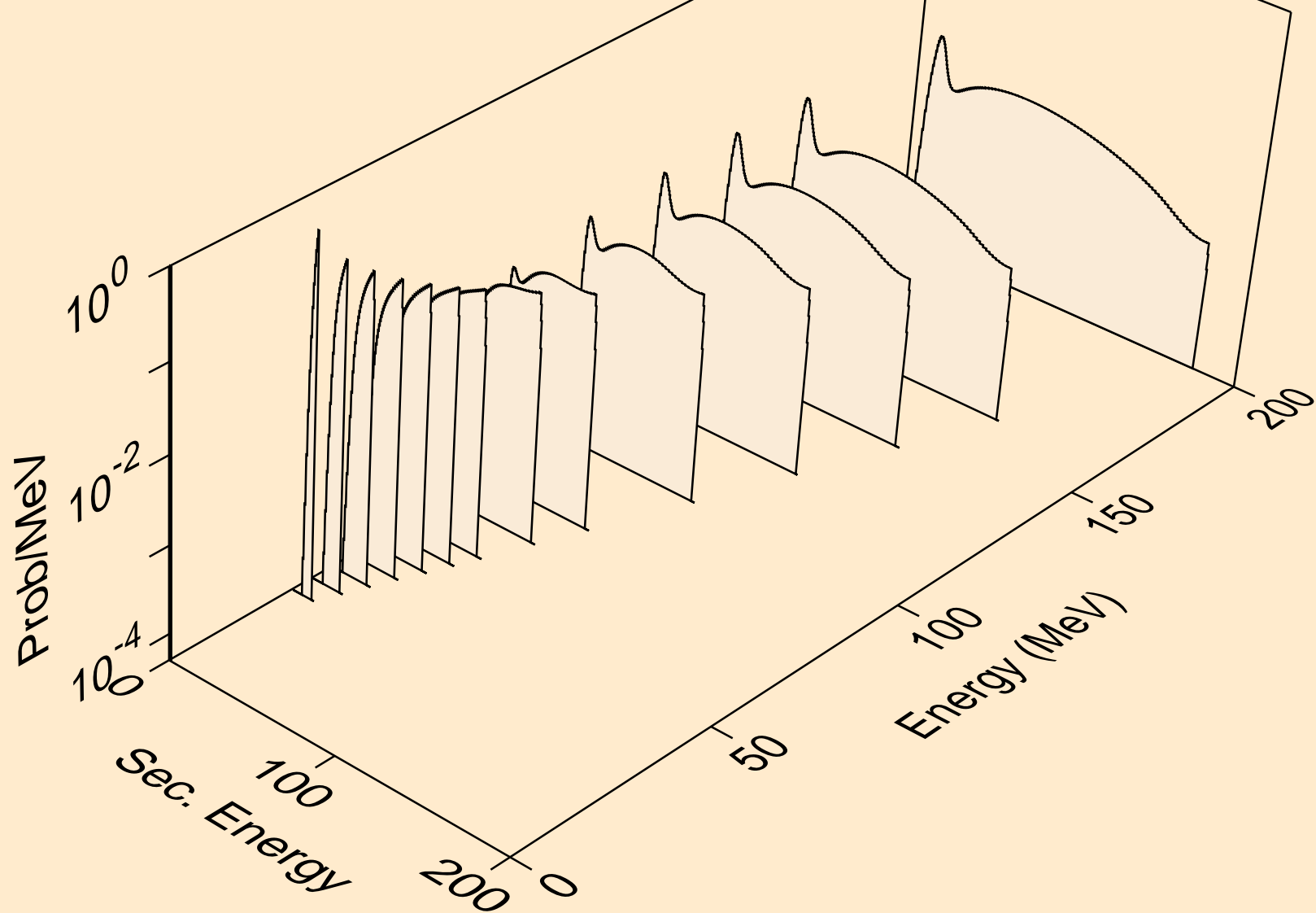
OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)

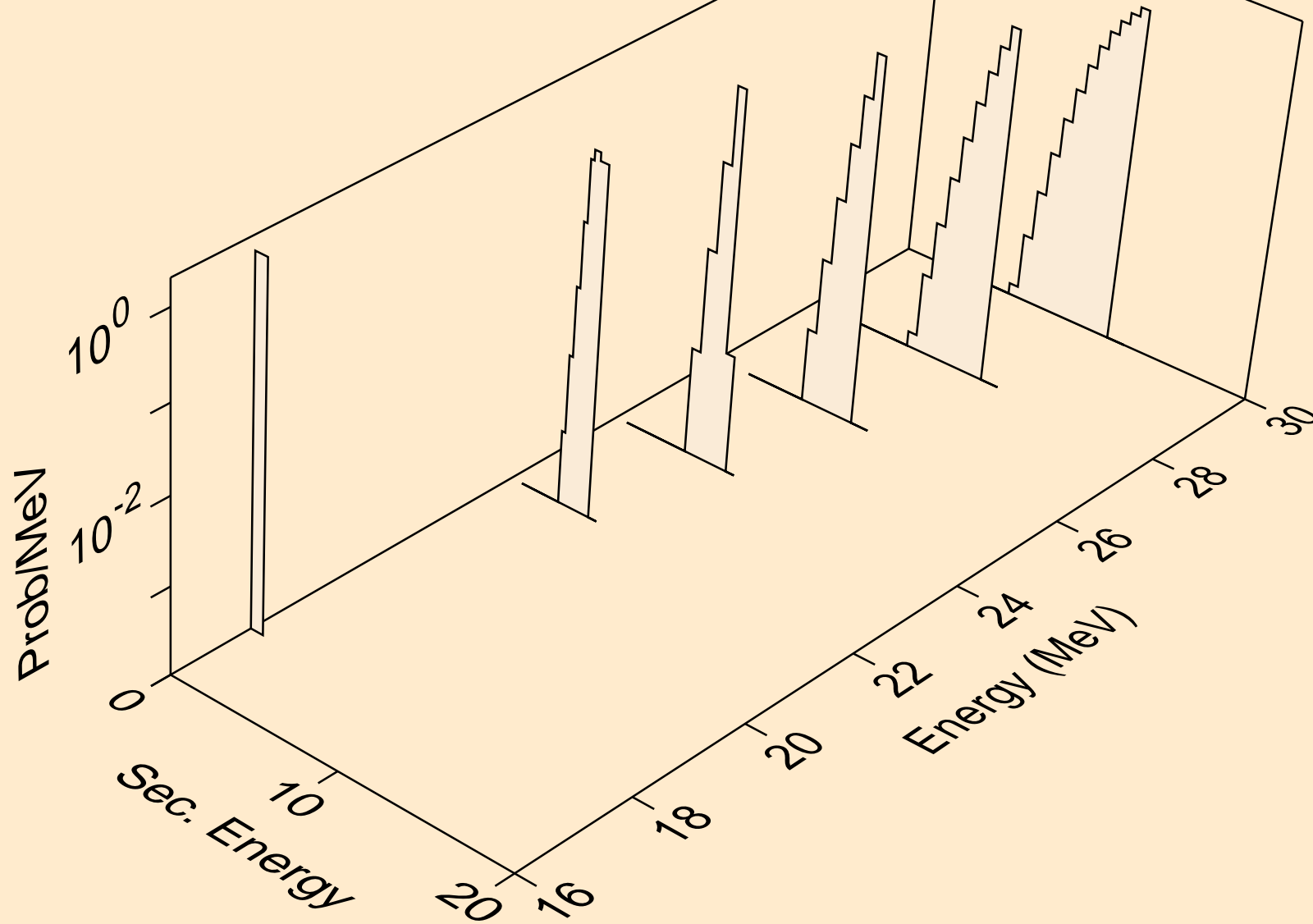


OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)

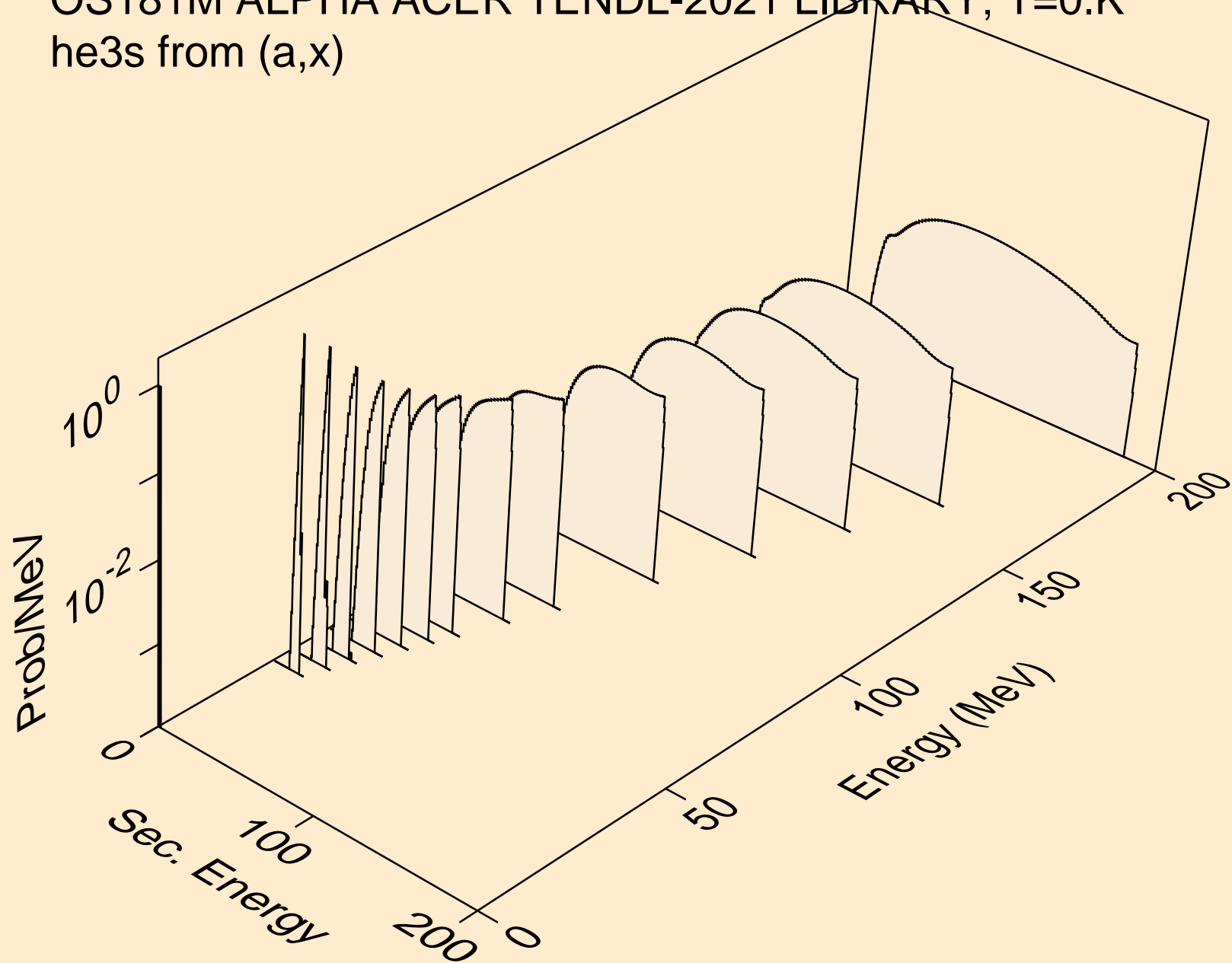




OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



OS181M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

