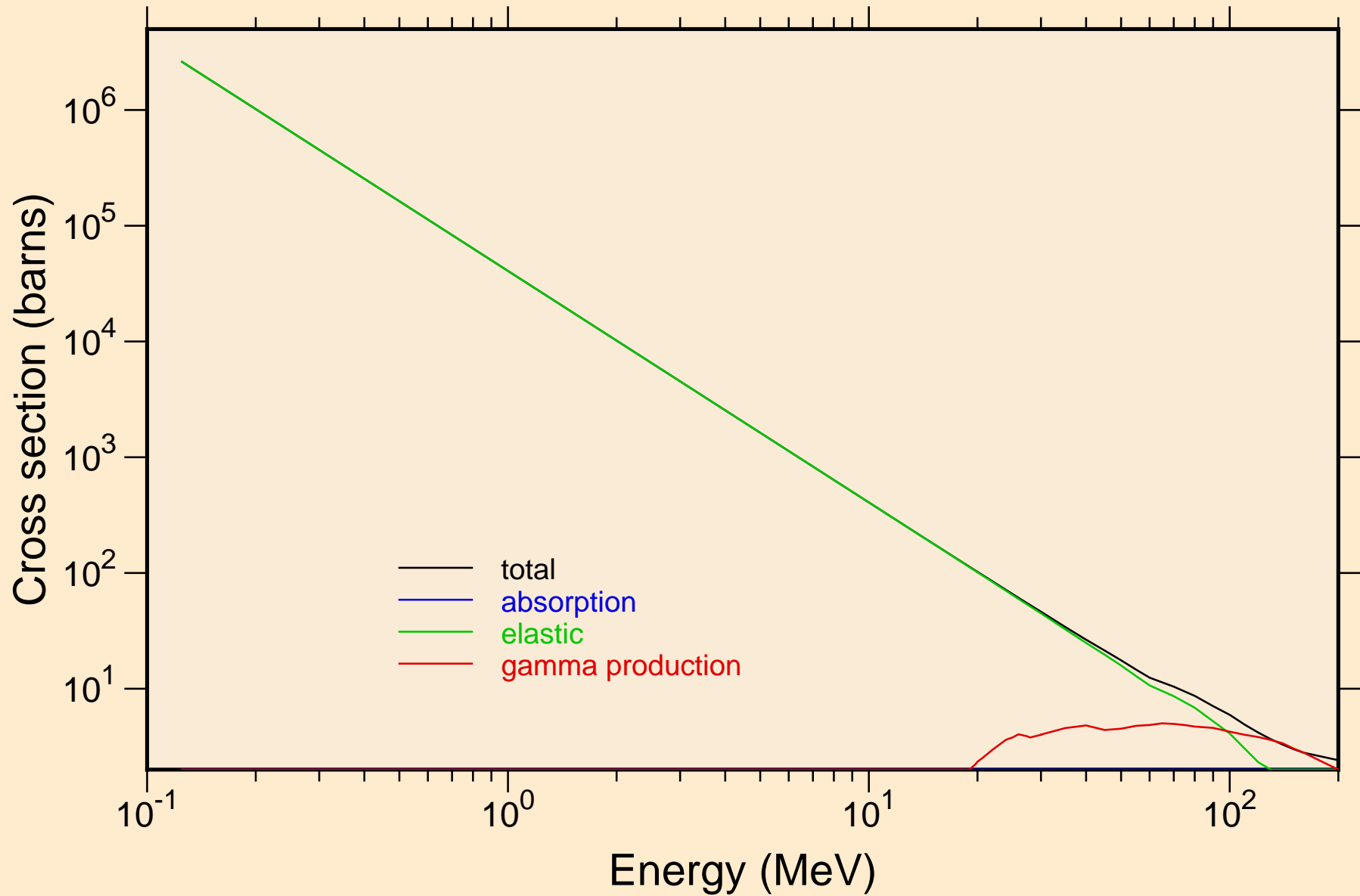
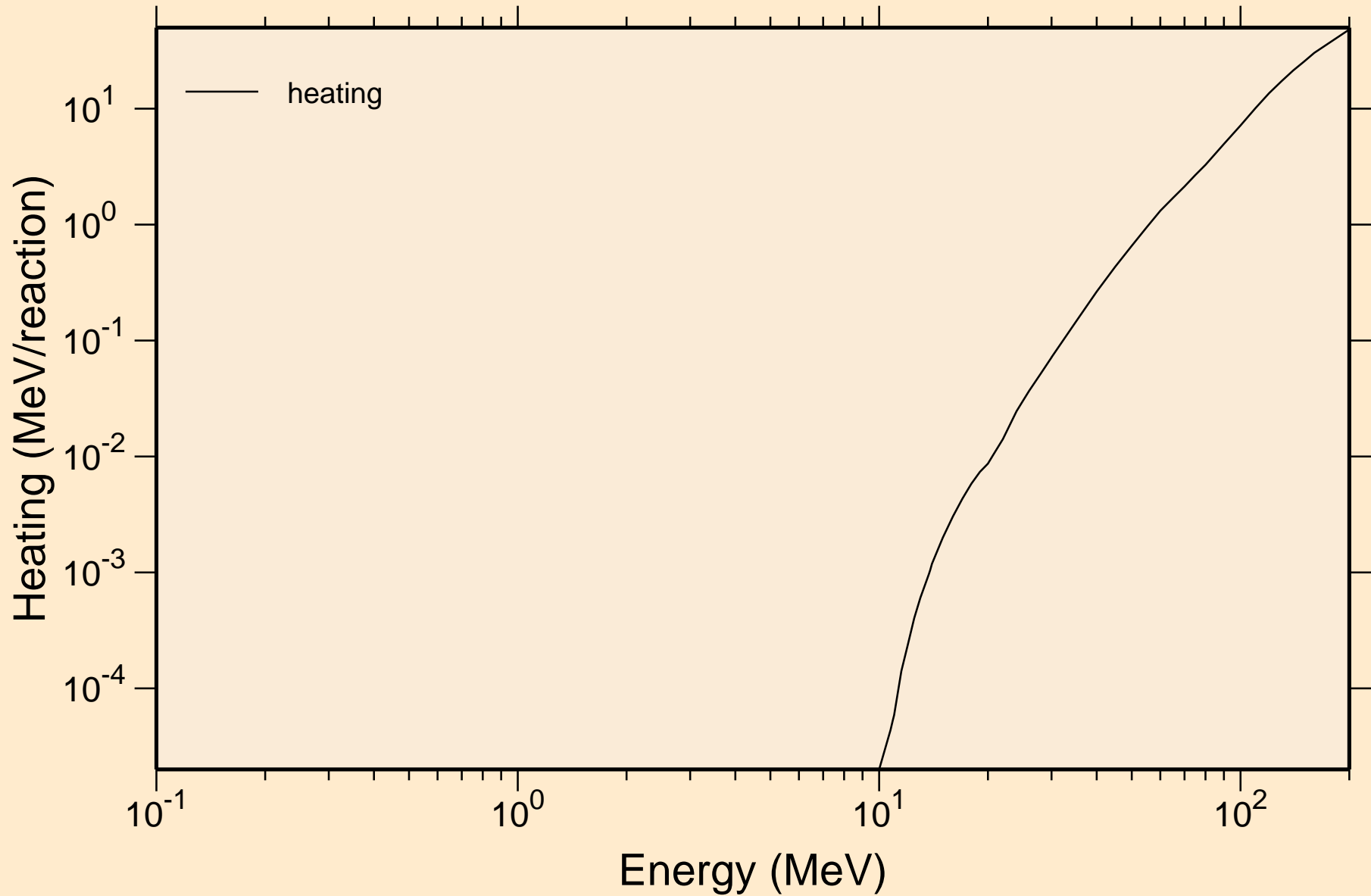


Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



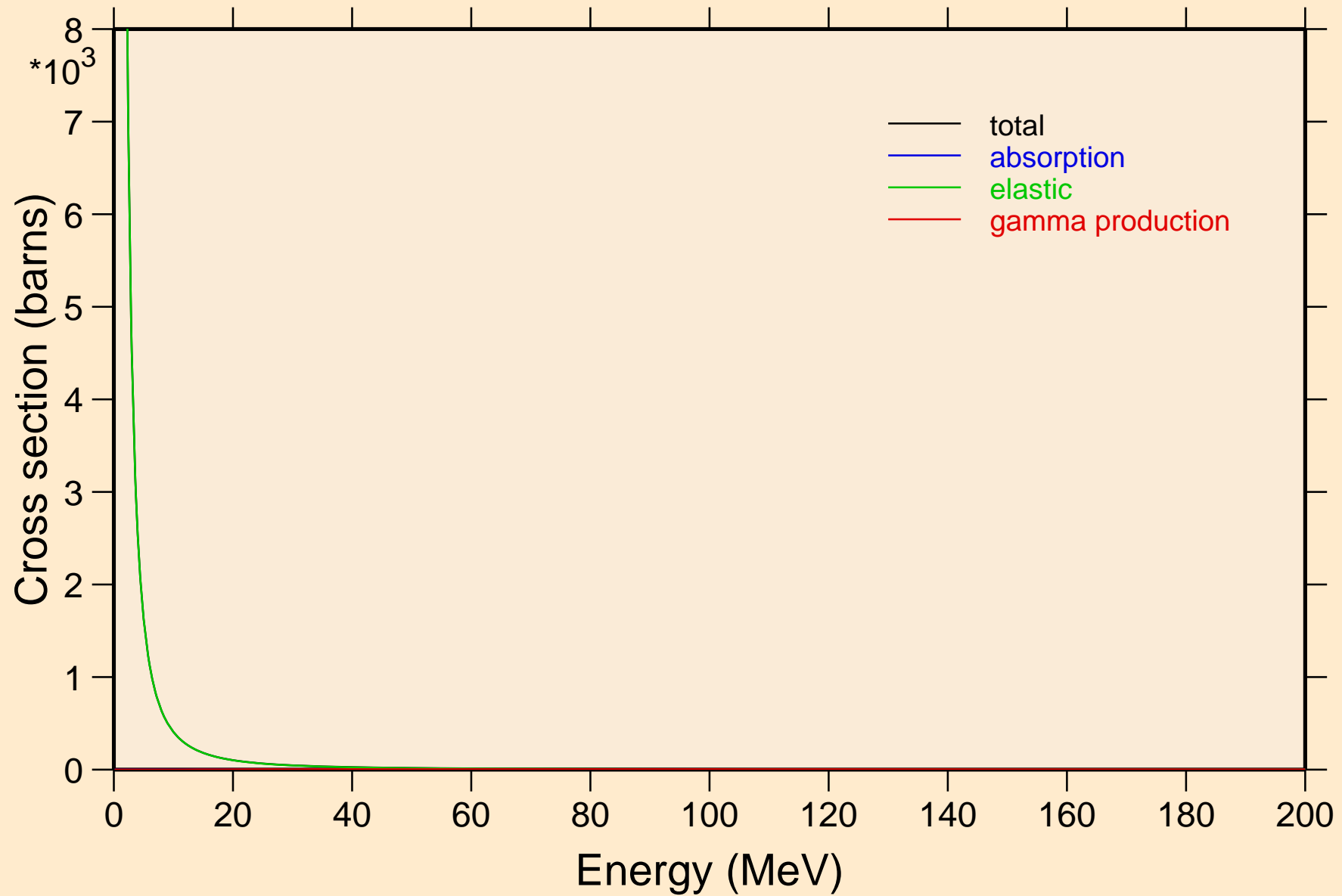
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



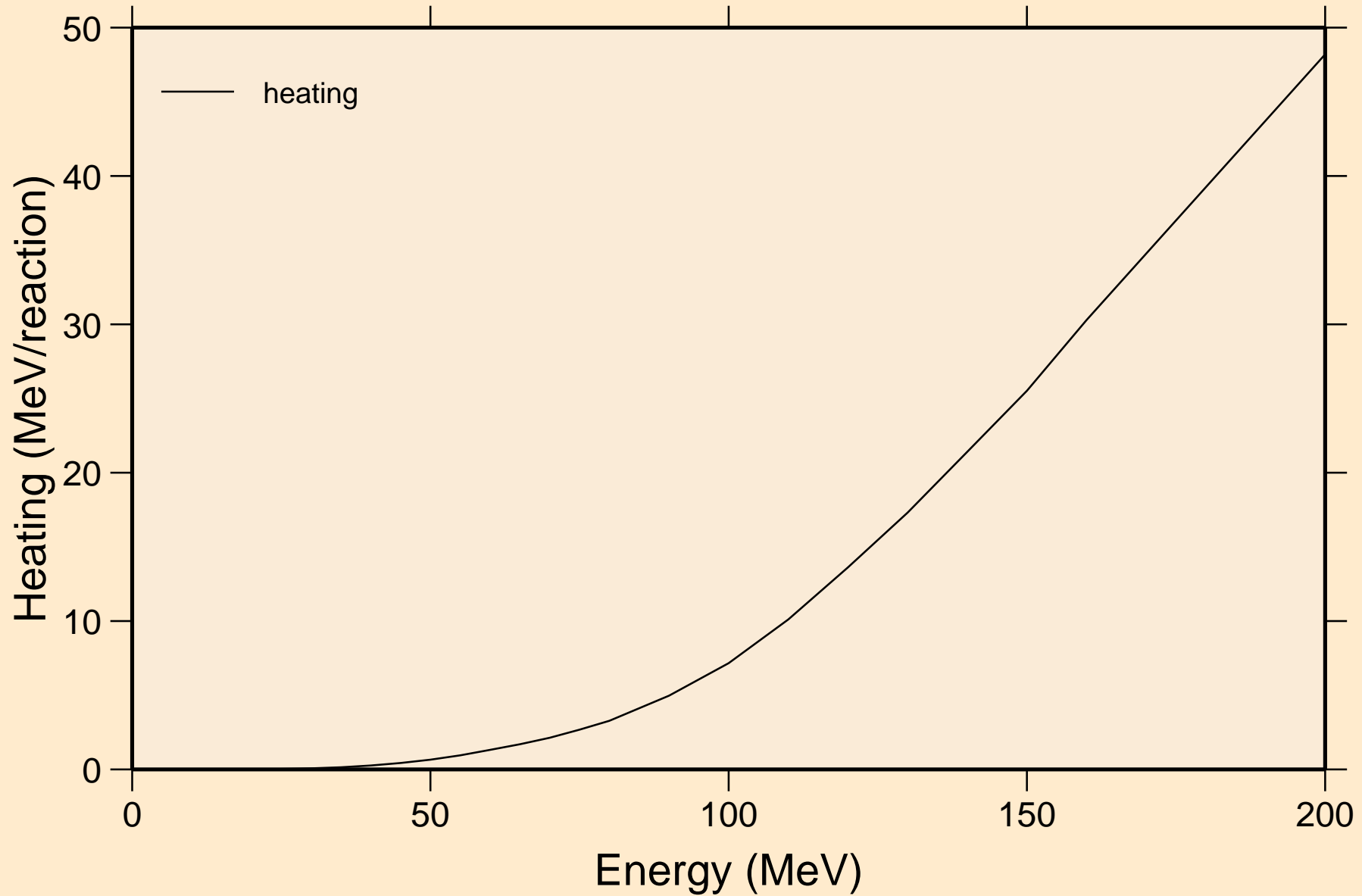
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



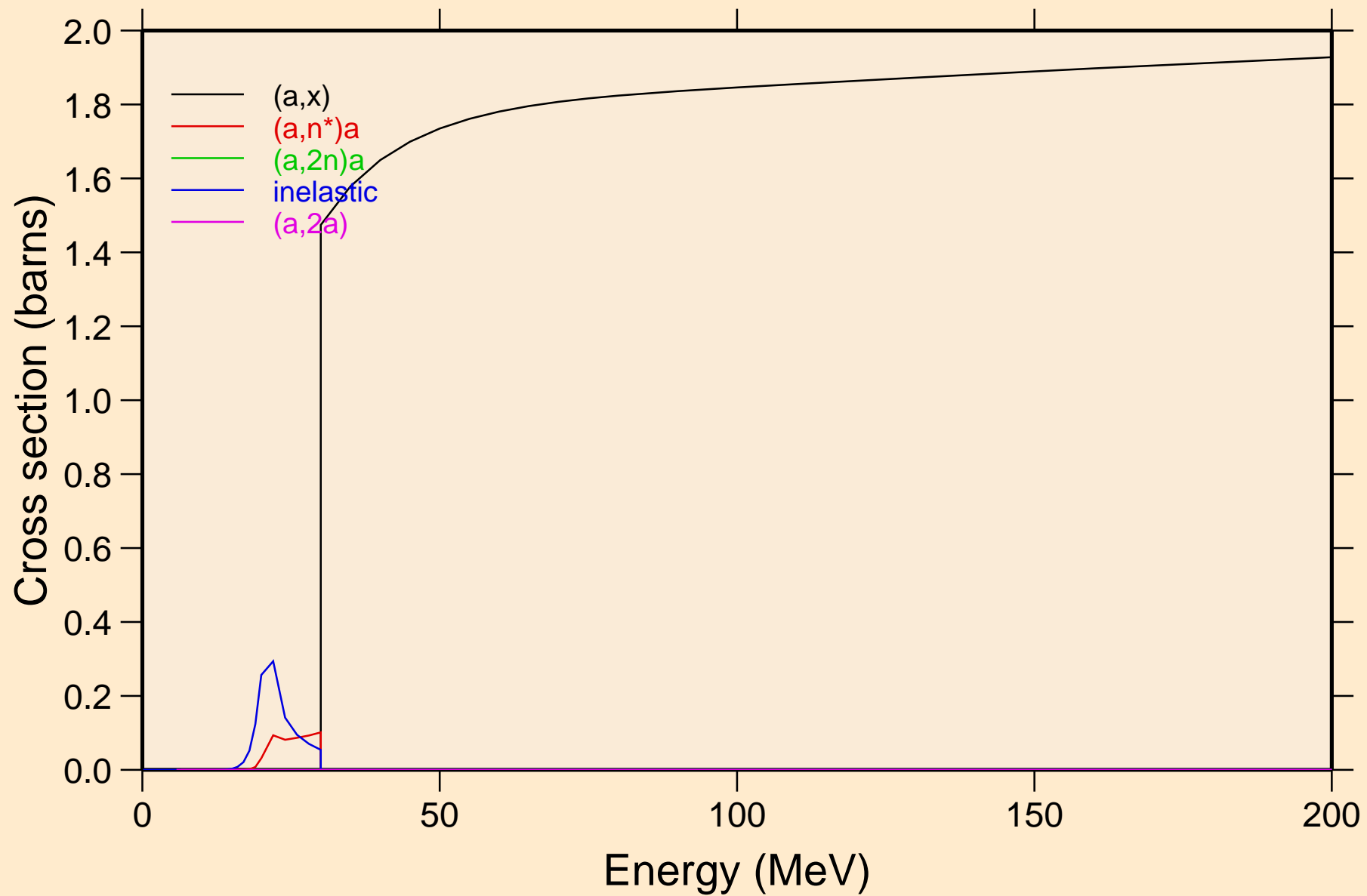
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating

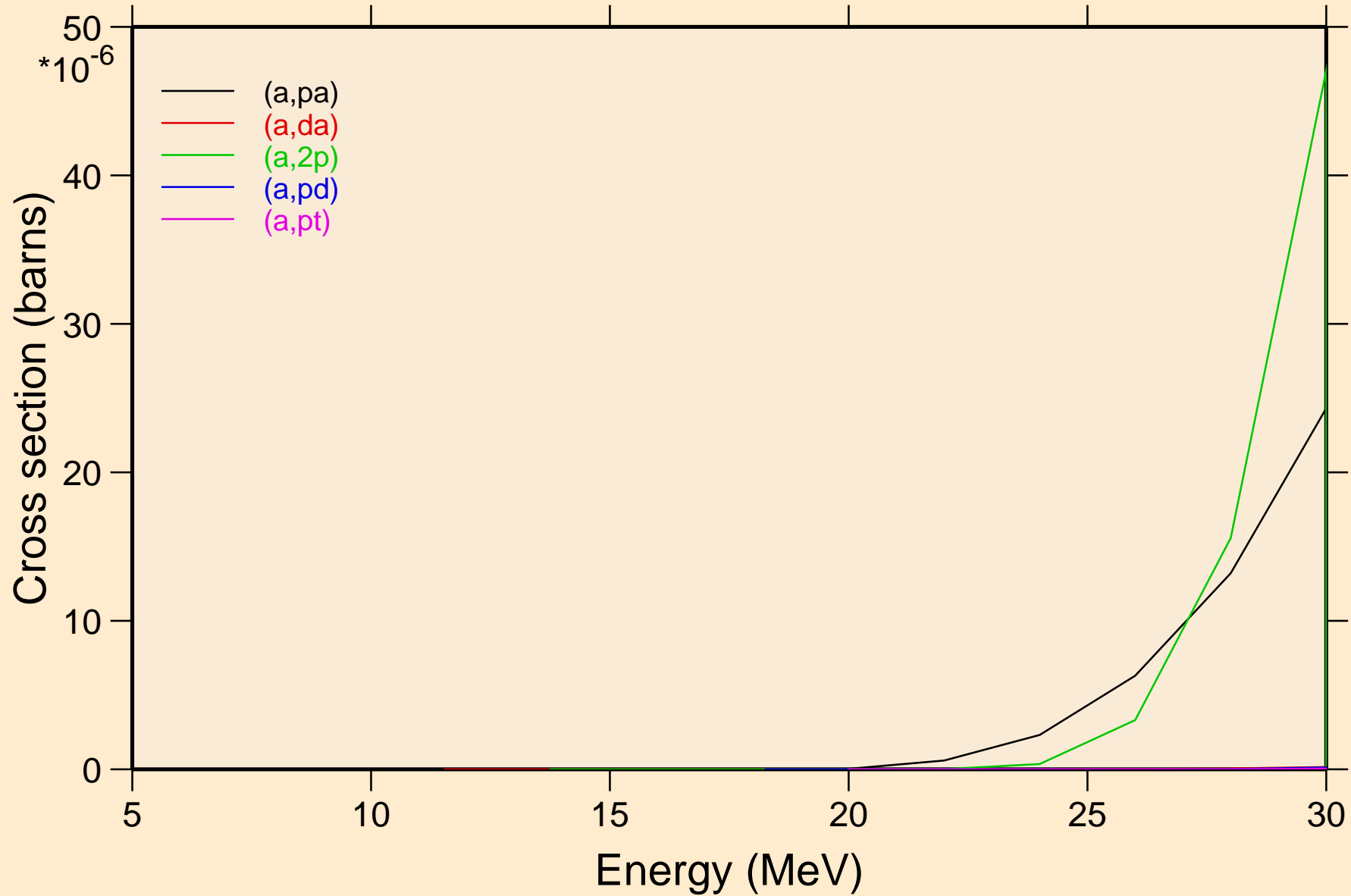


# Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

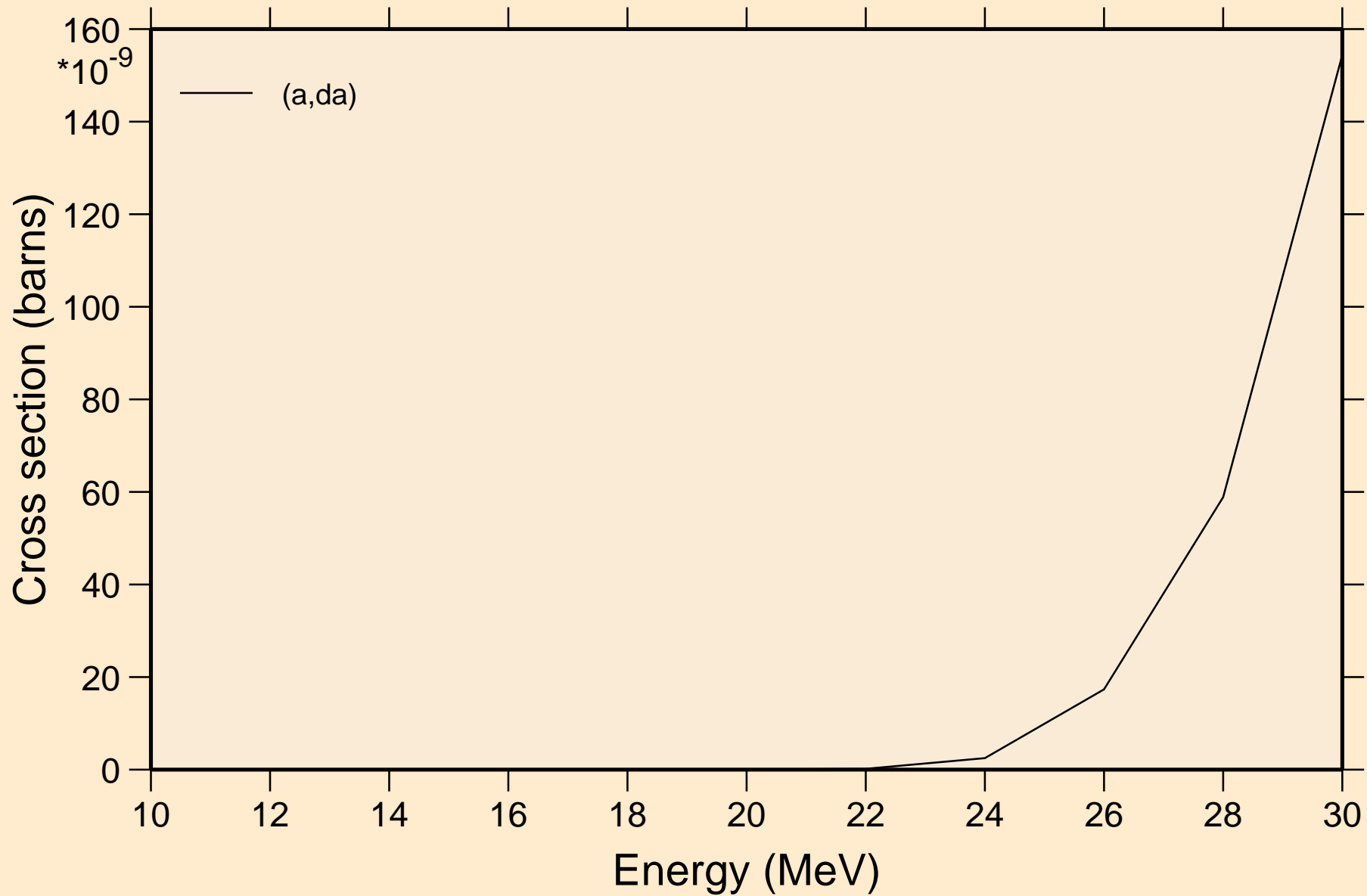
## Threshold reactions



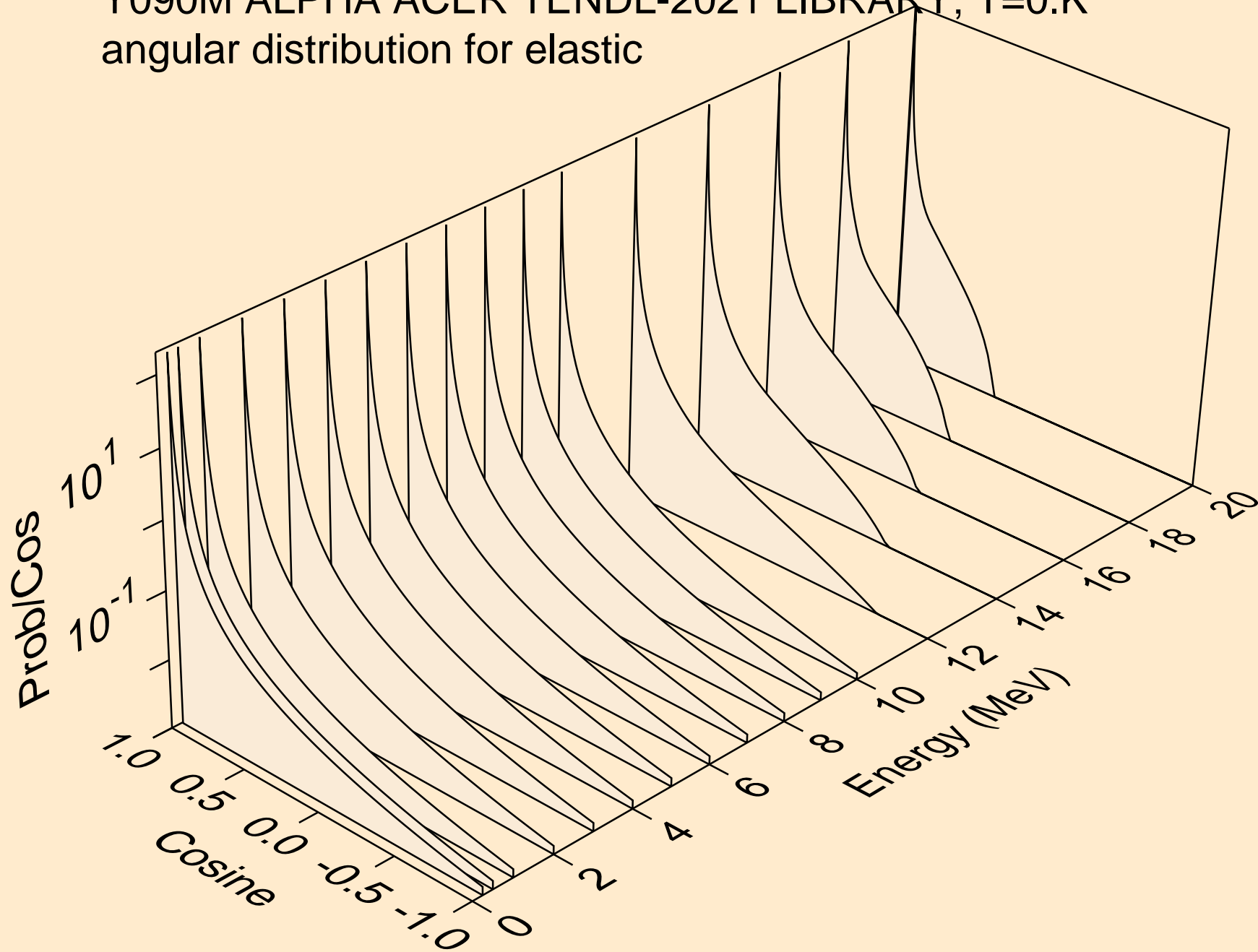
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

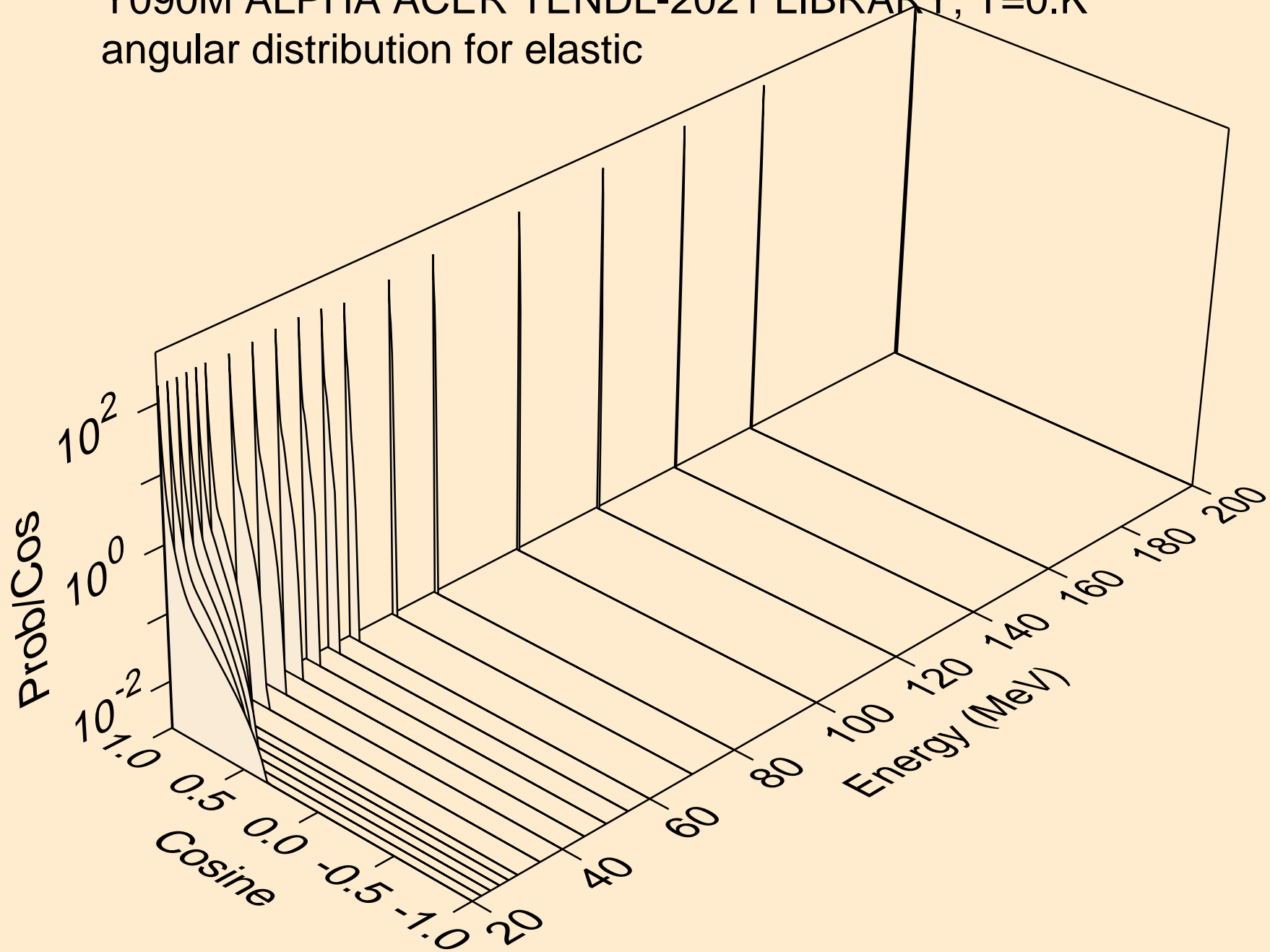


Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

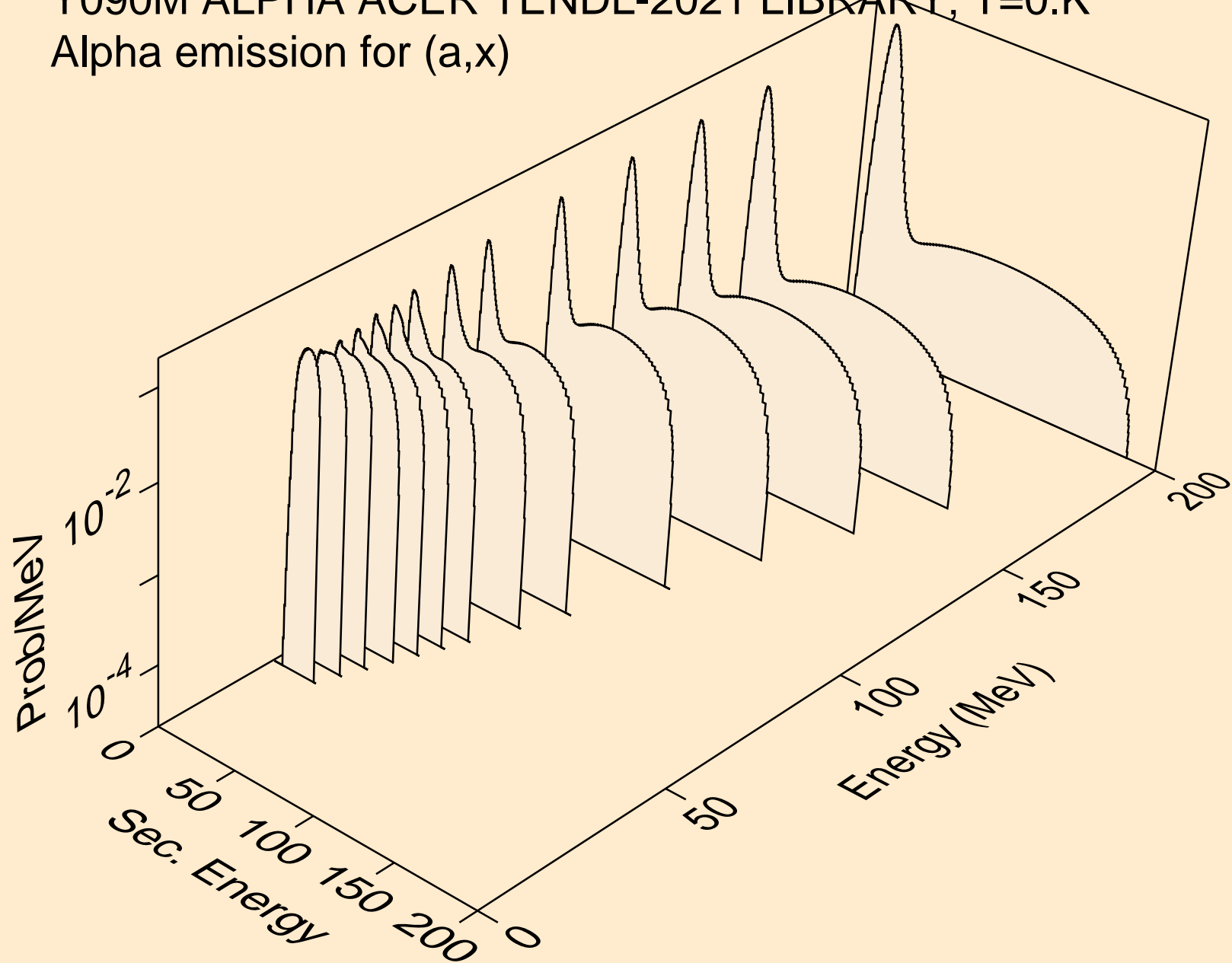




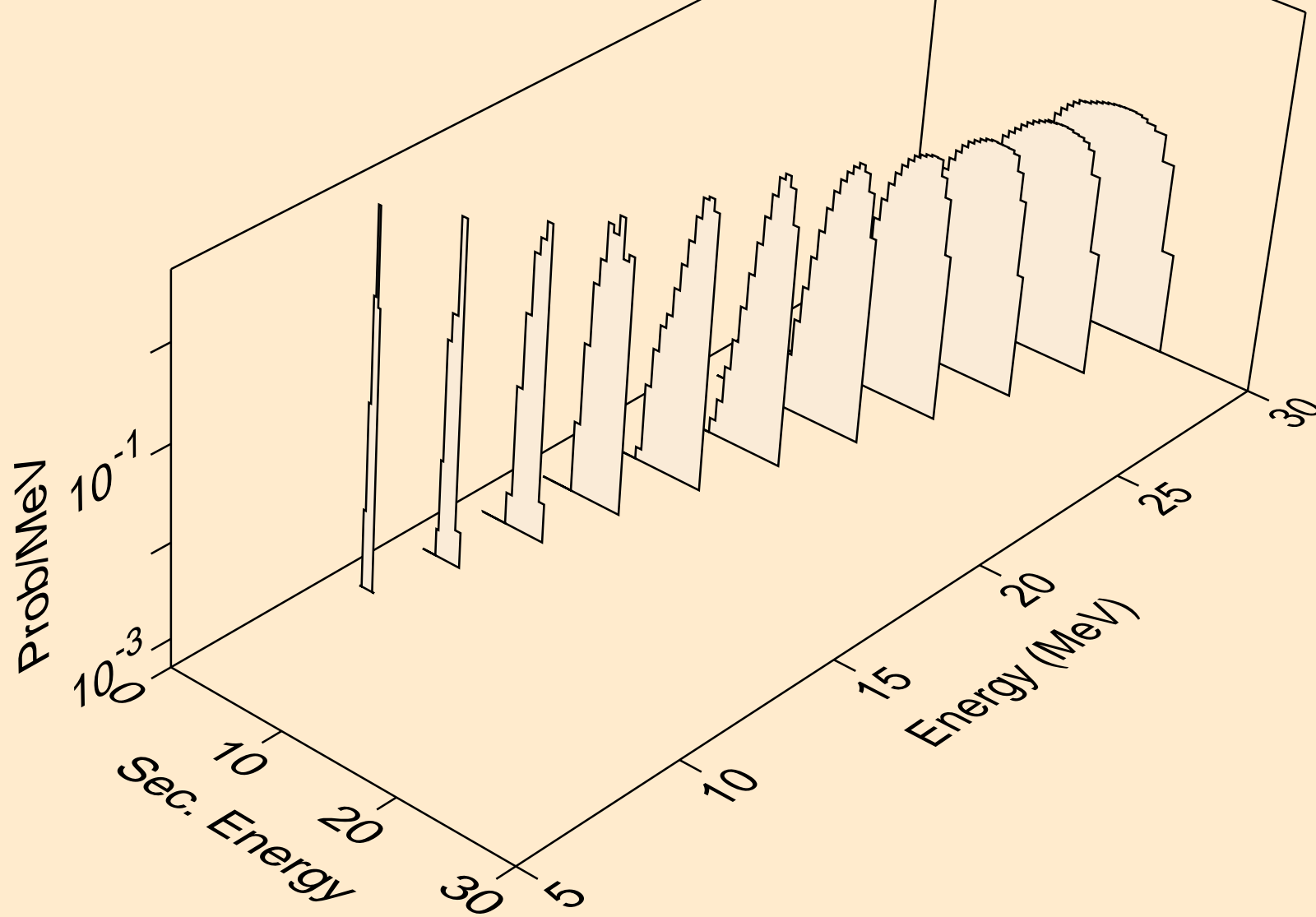
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



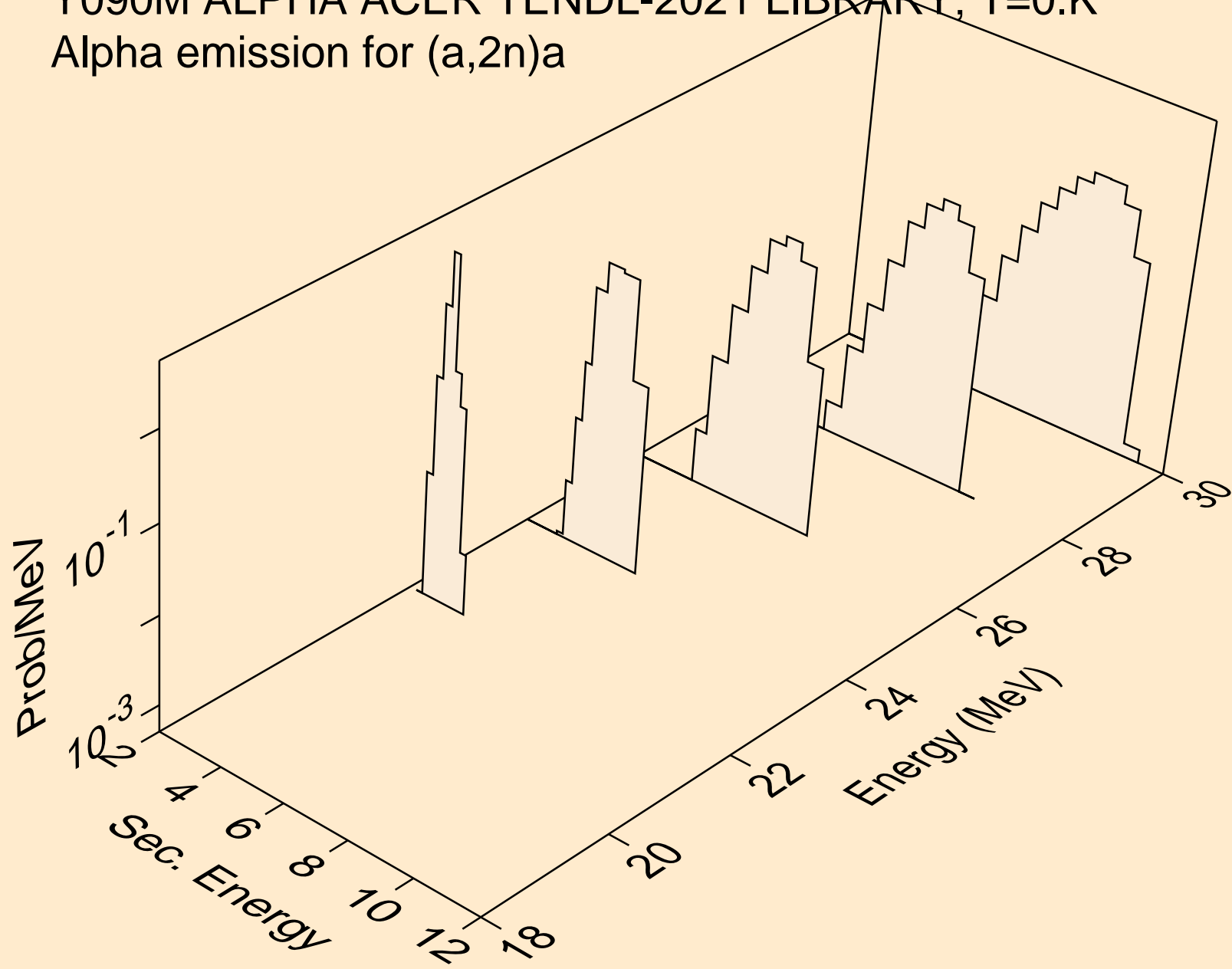
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



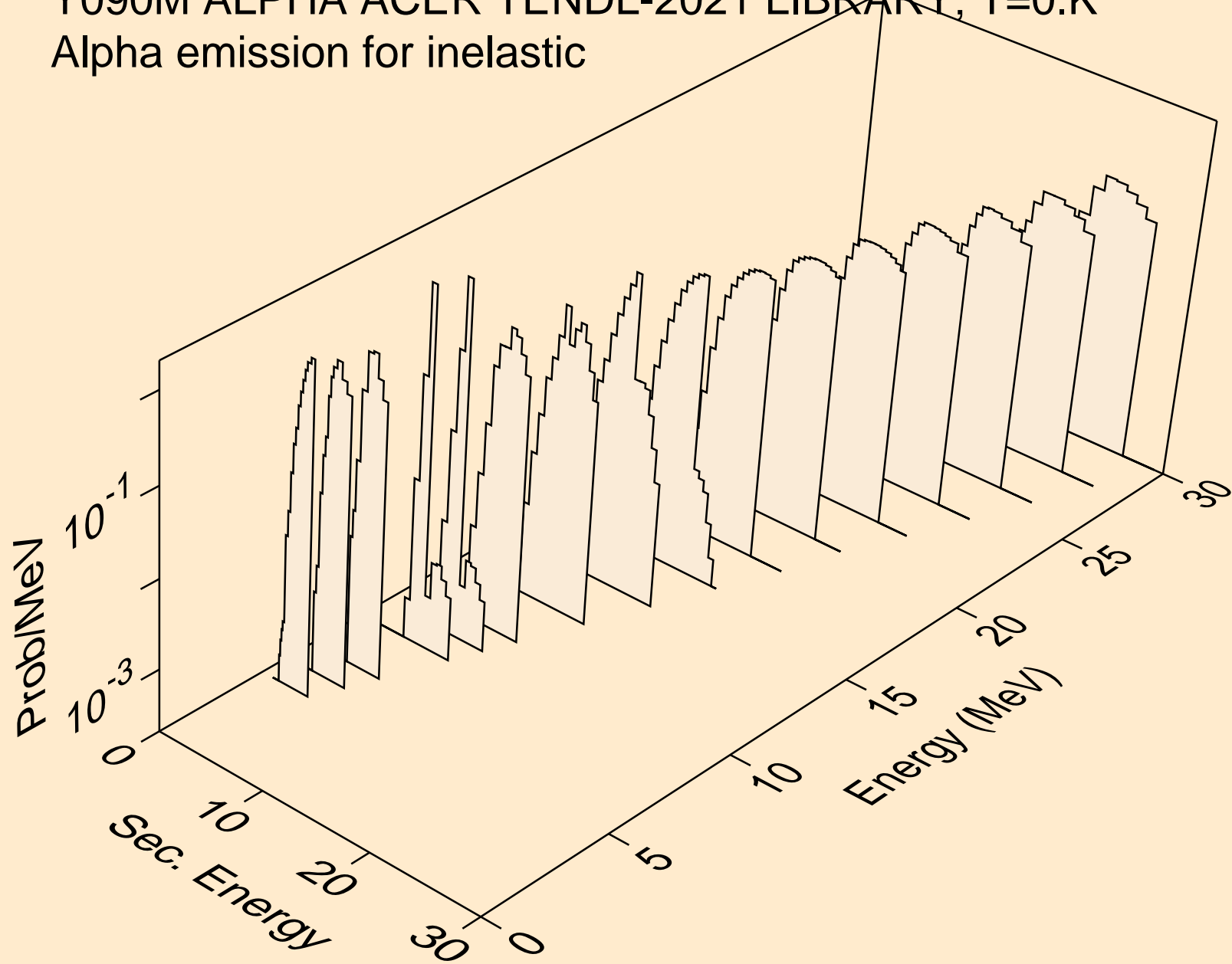
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



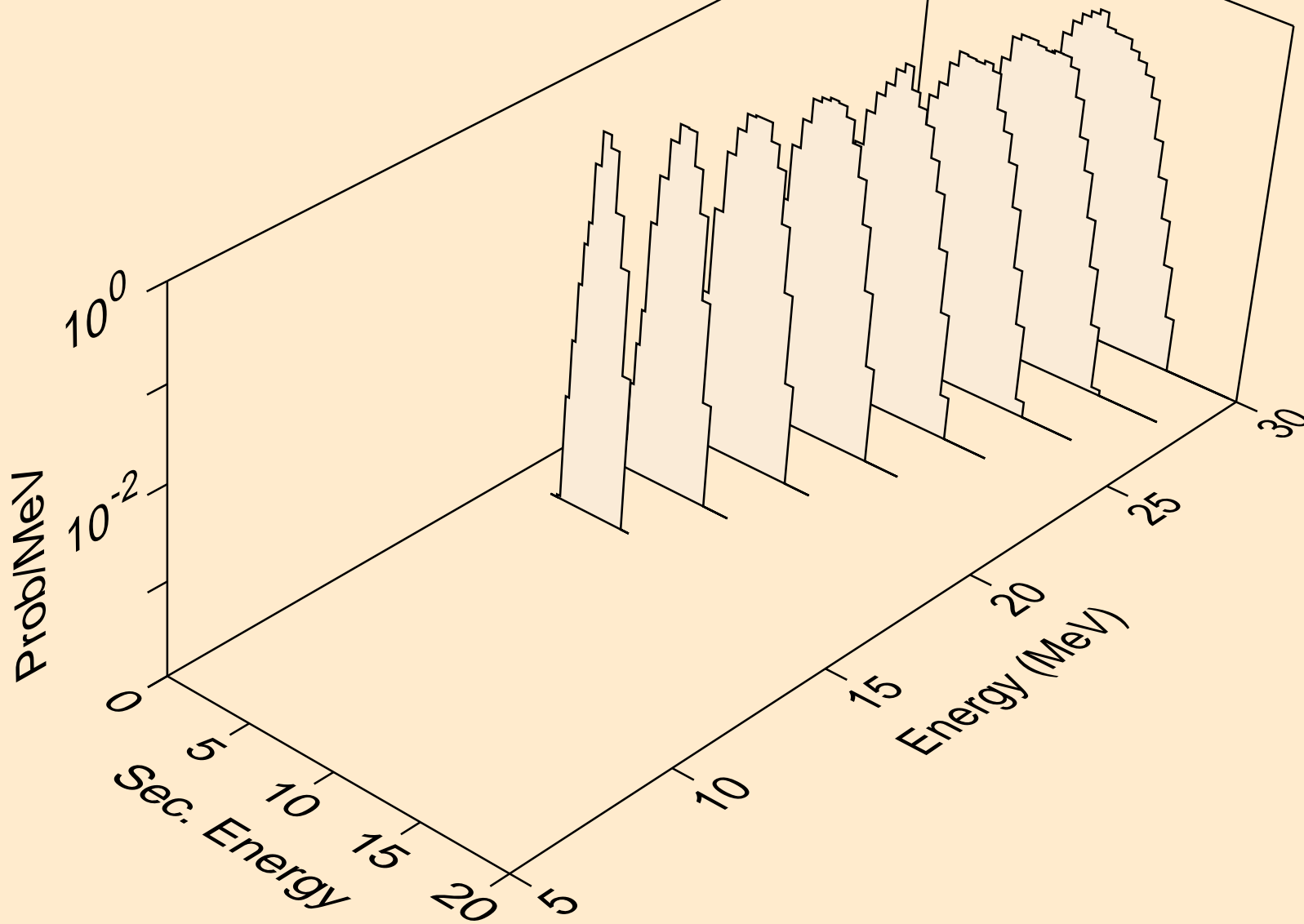
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



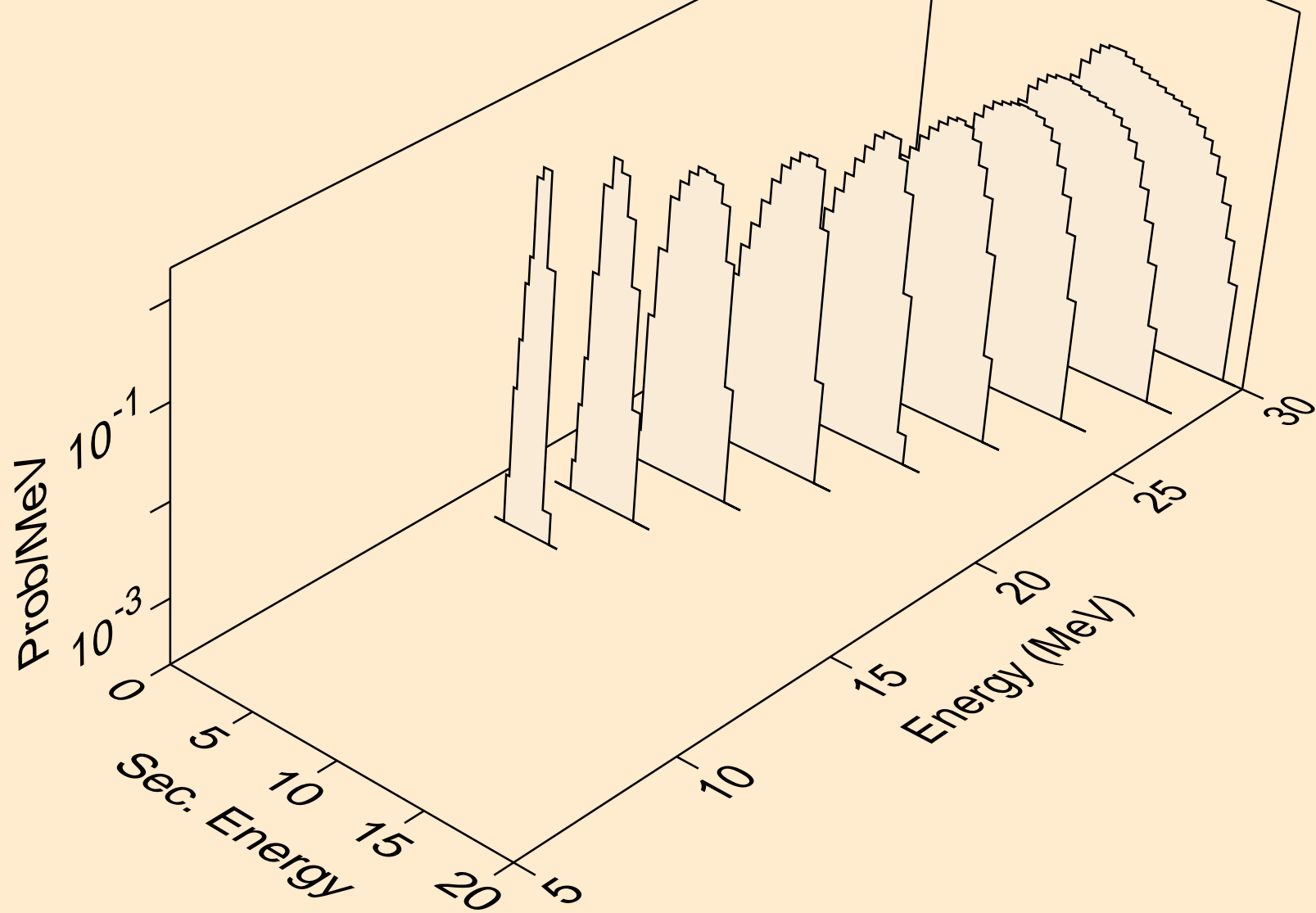
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



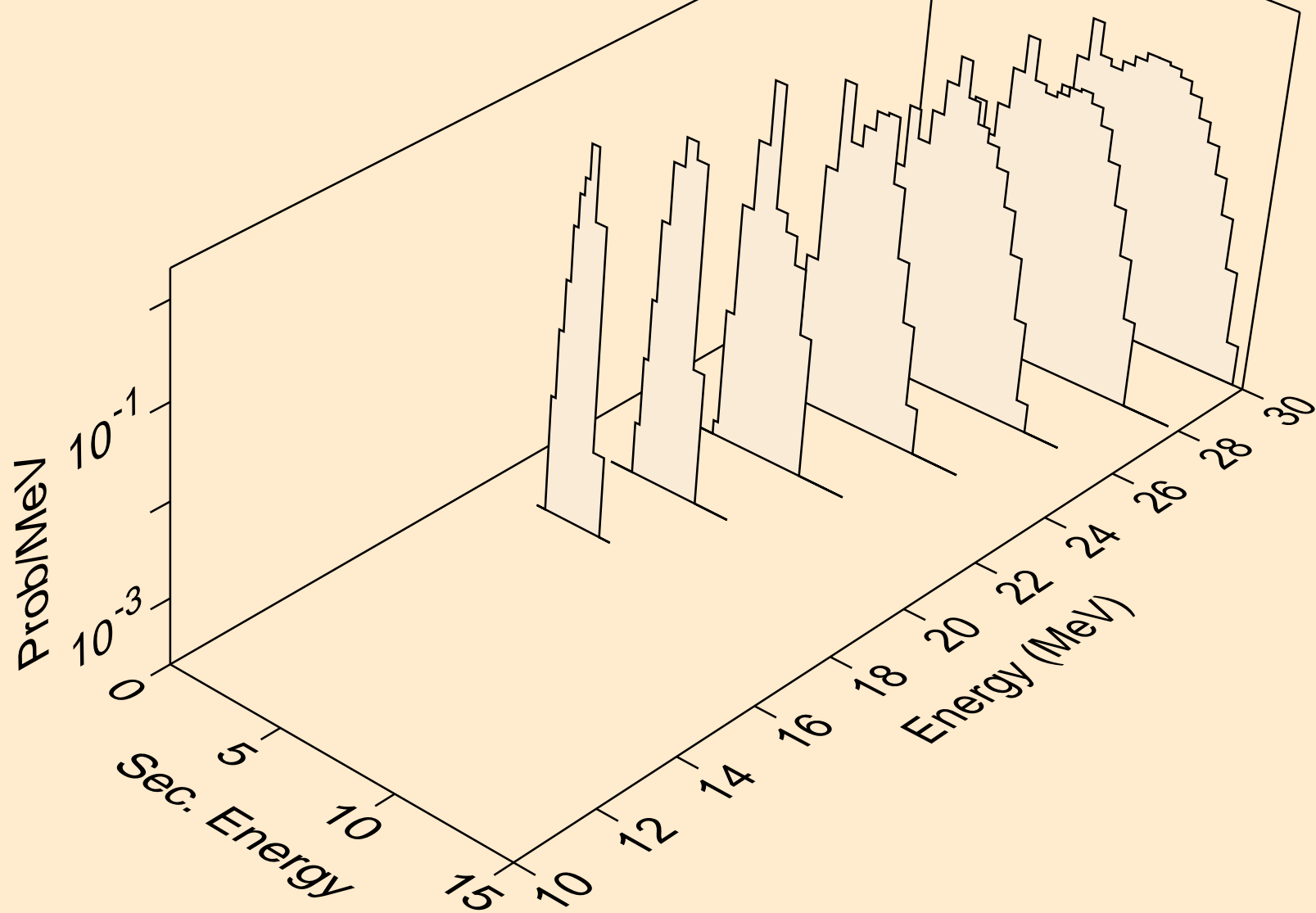
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

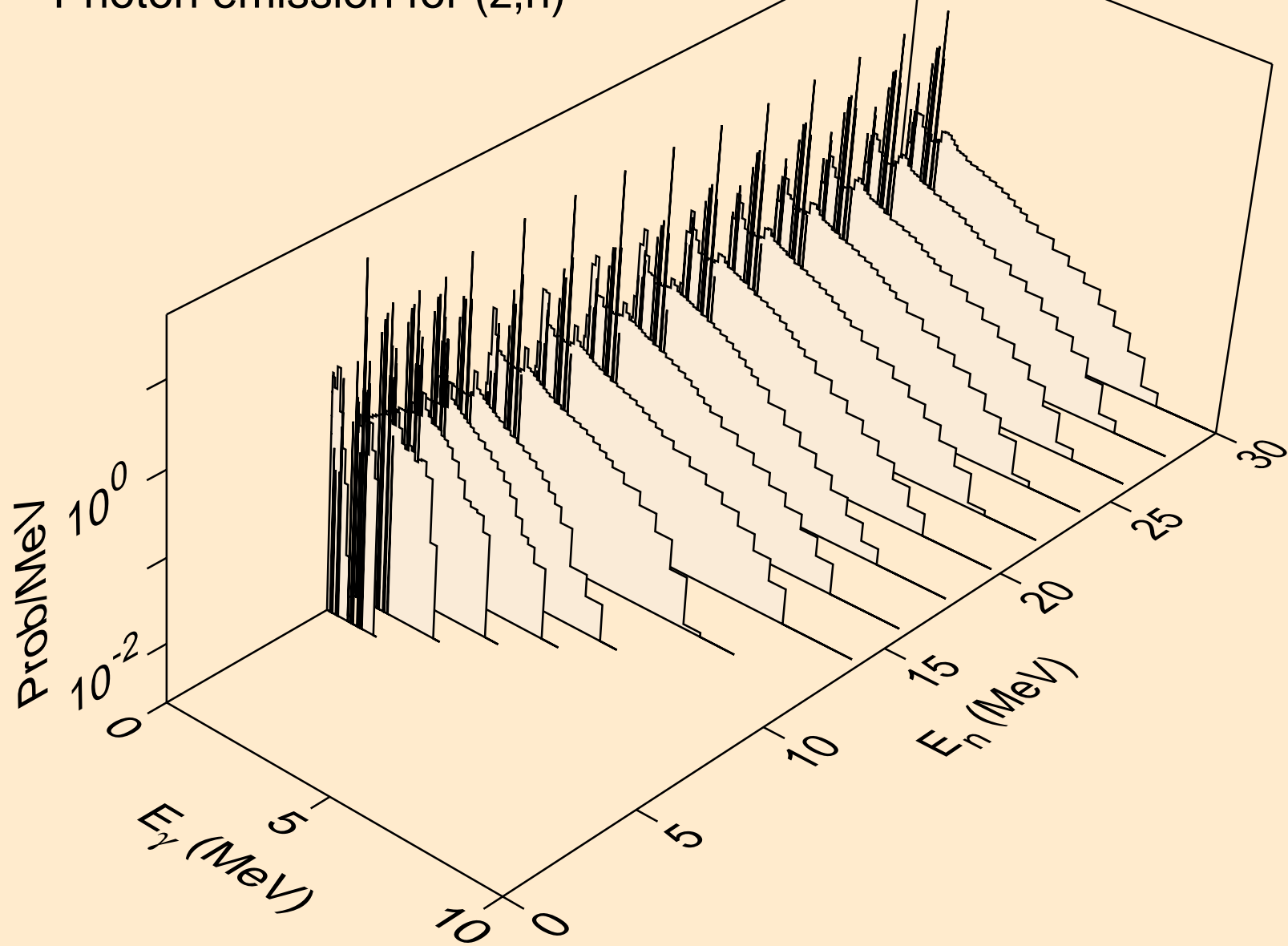


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Alpha emission for (a,da)



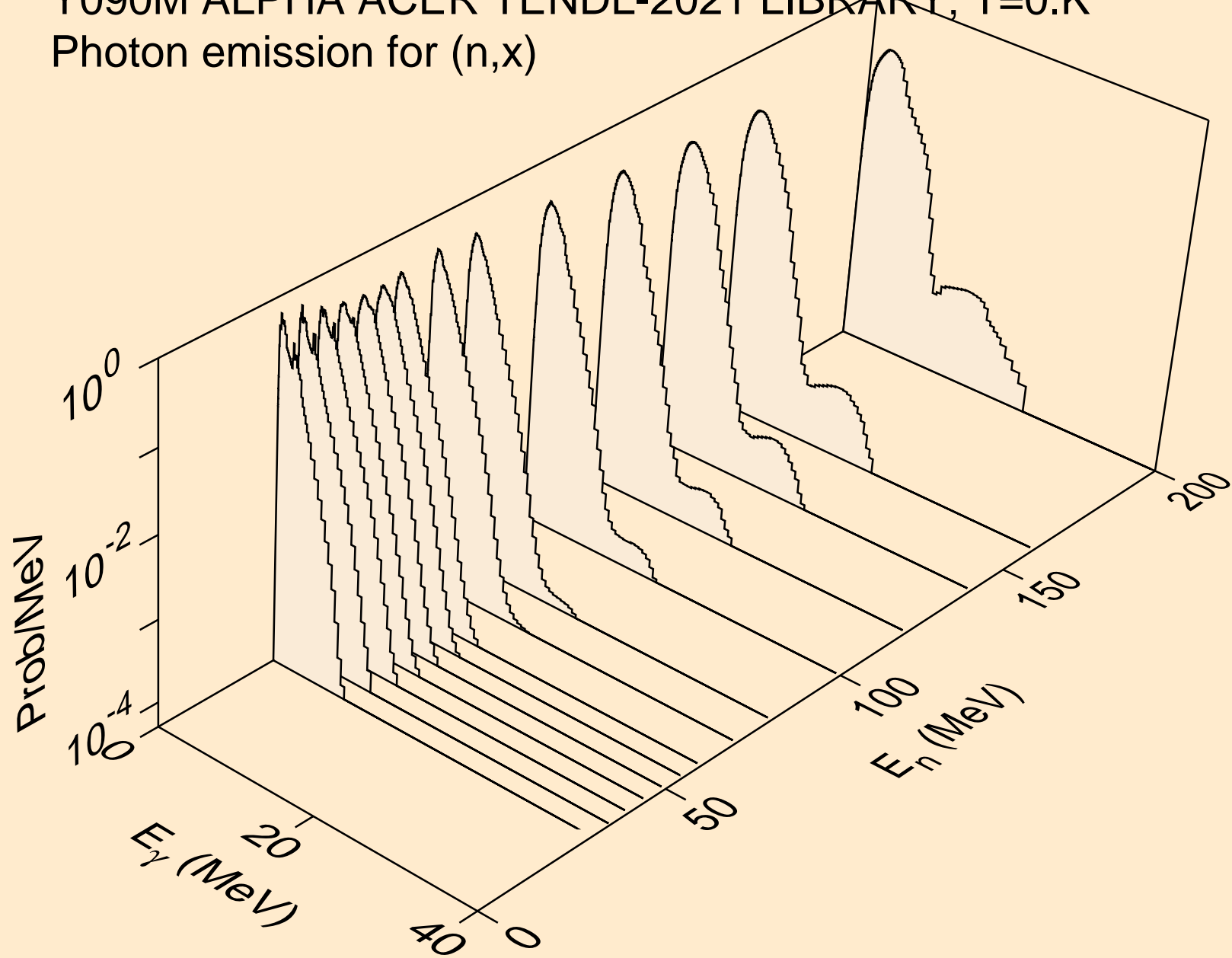


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Photon emission for (z,n)

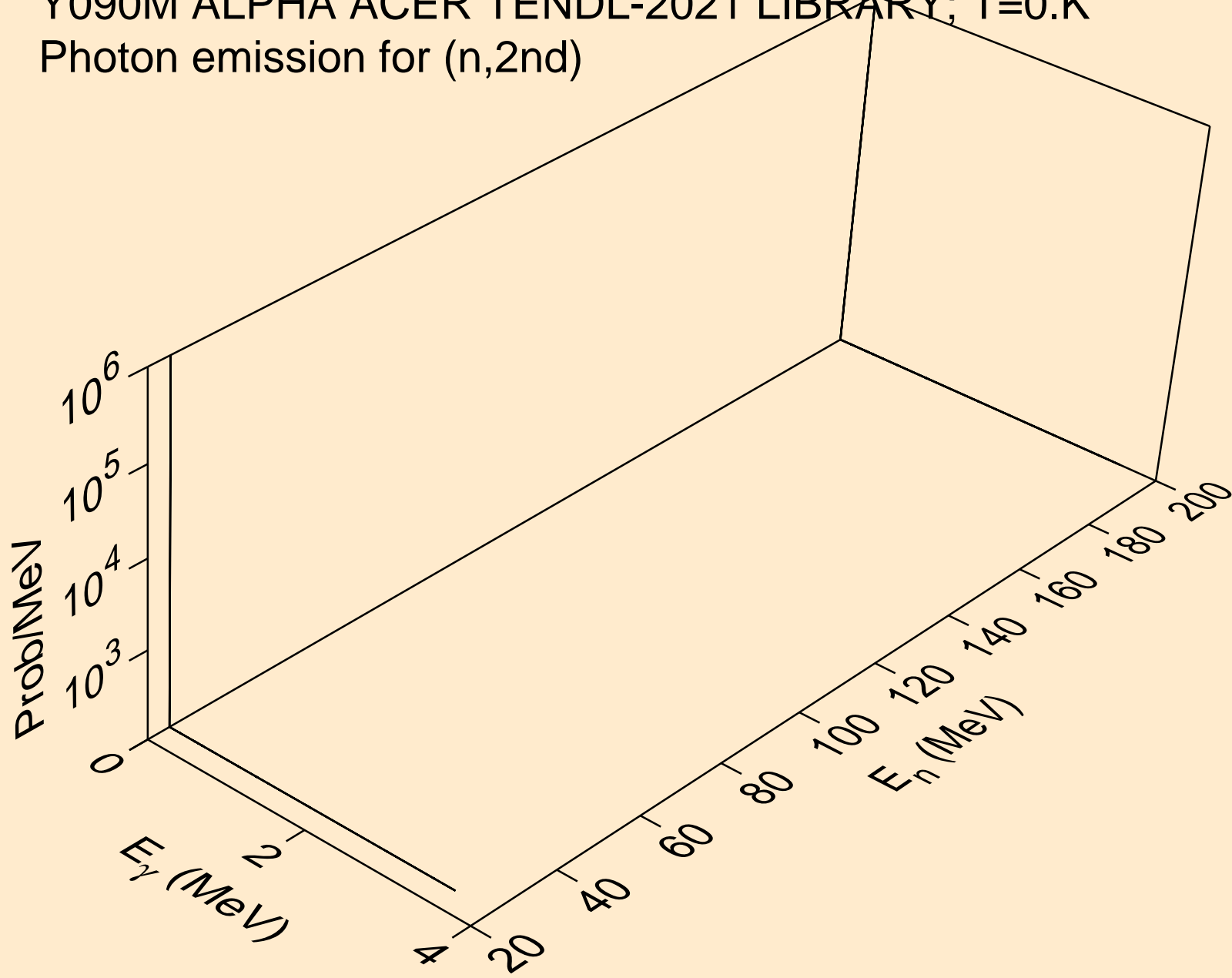


Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

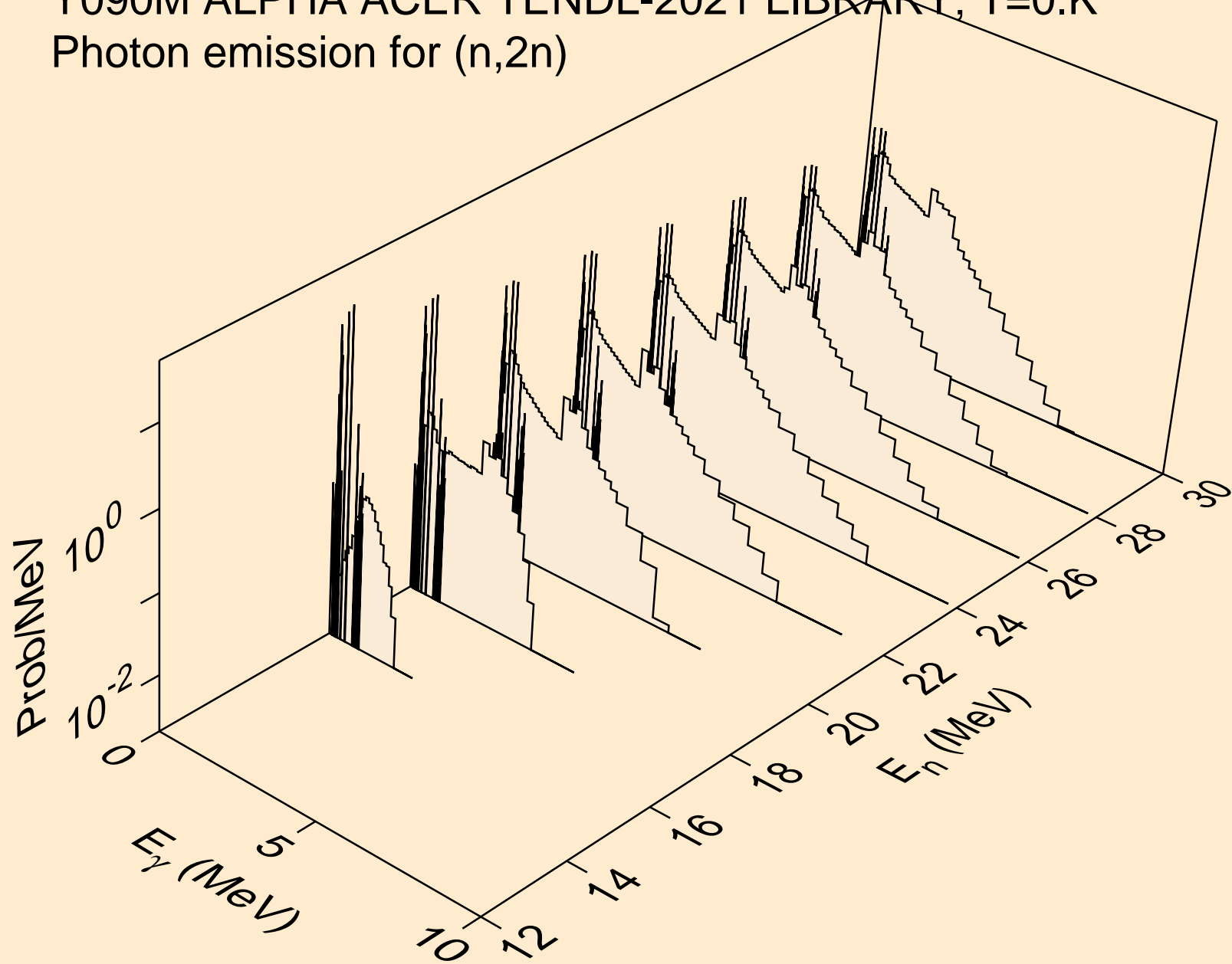
Photon emission for (n,x)



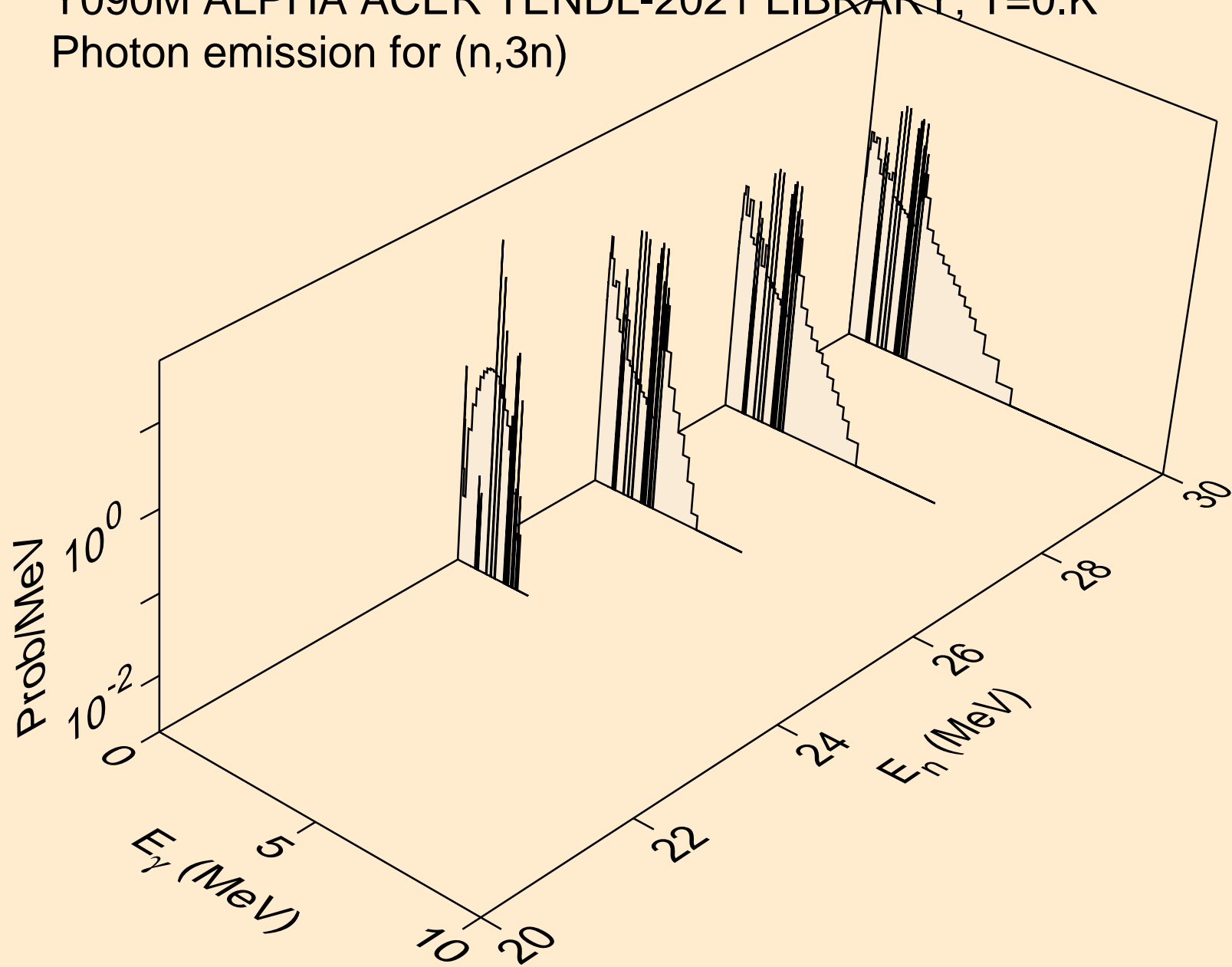
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



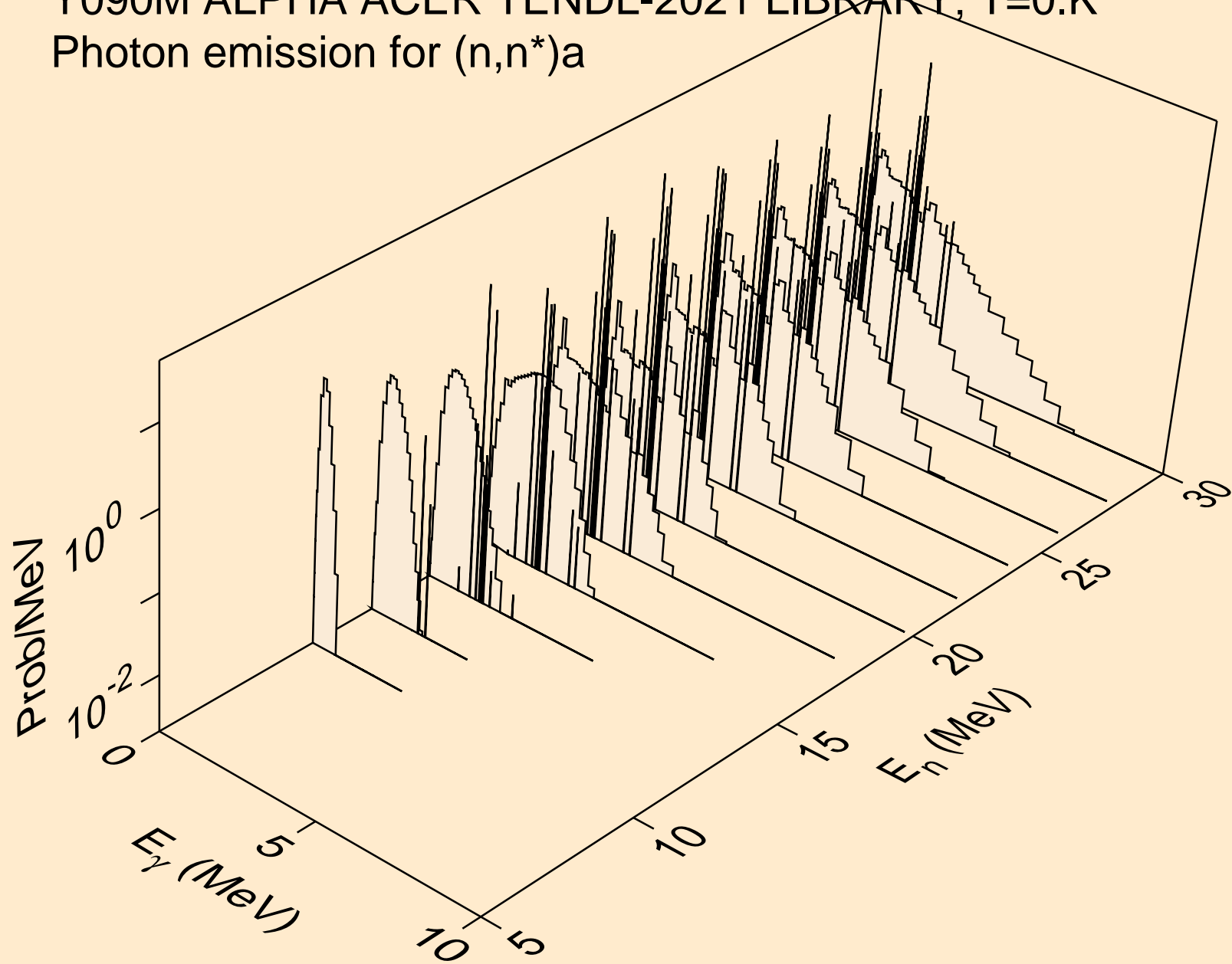
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Photon emission for (n,2n)



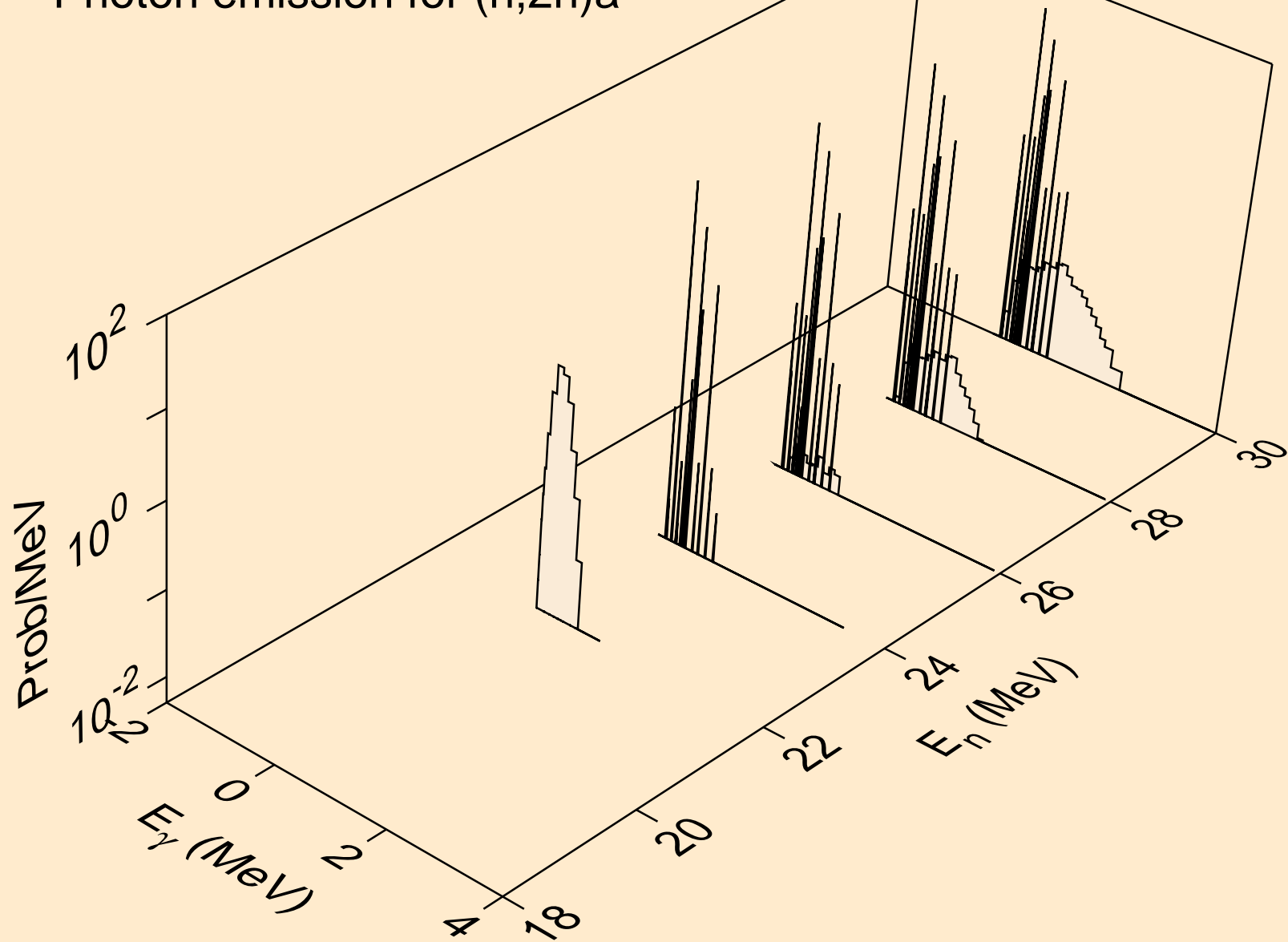
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Photon emission for (n,3n)



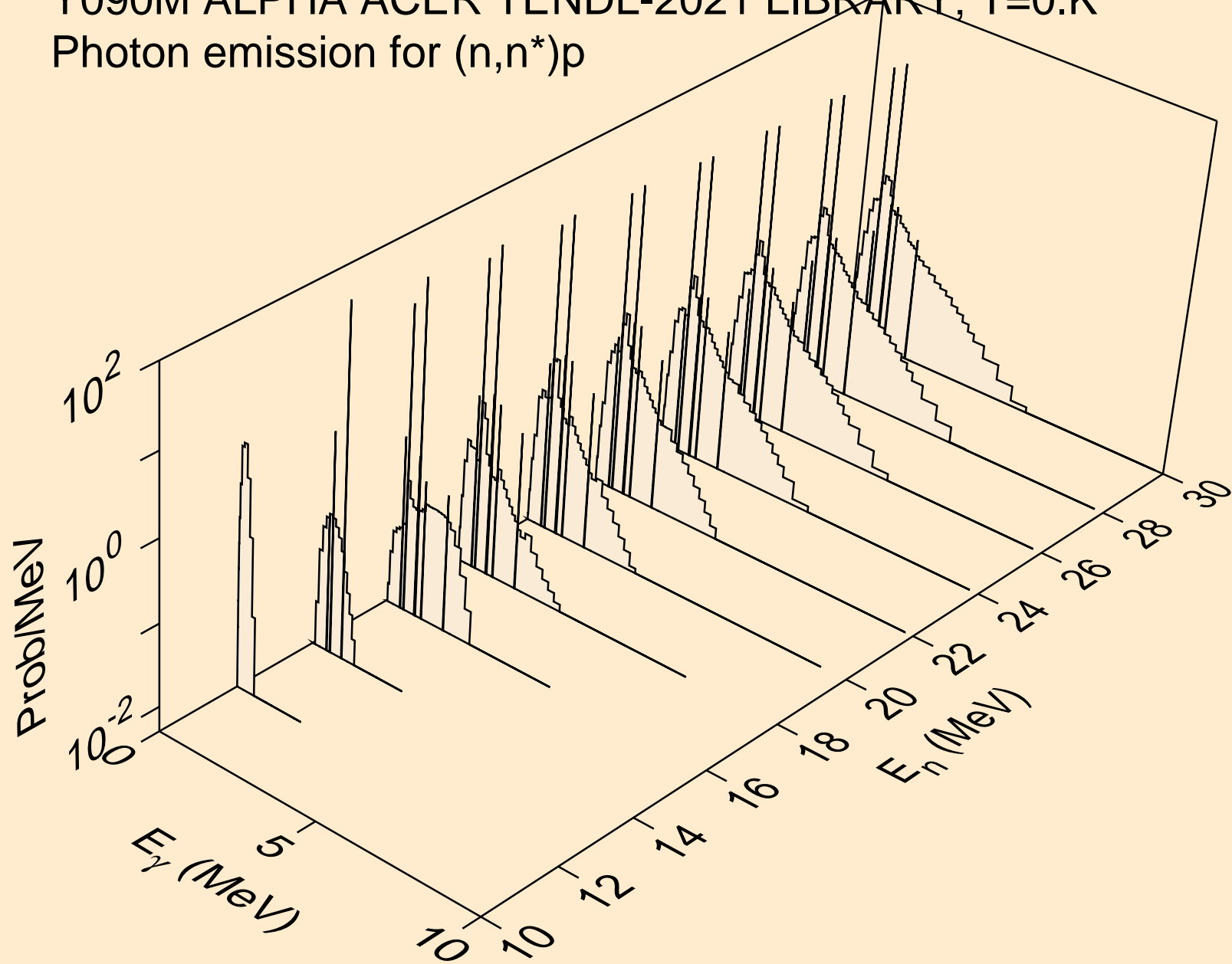
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

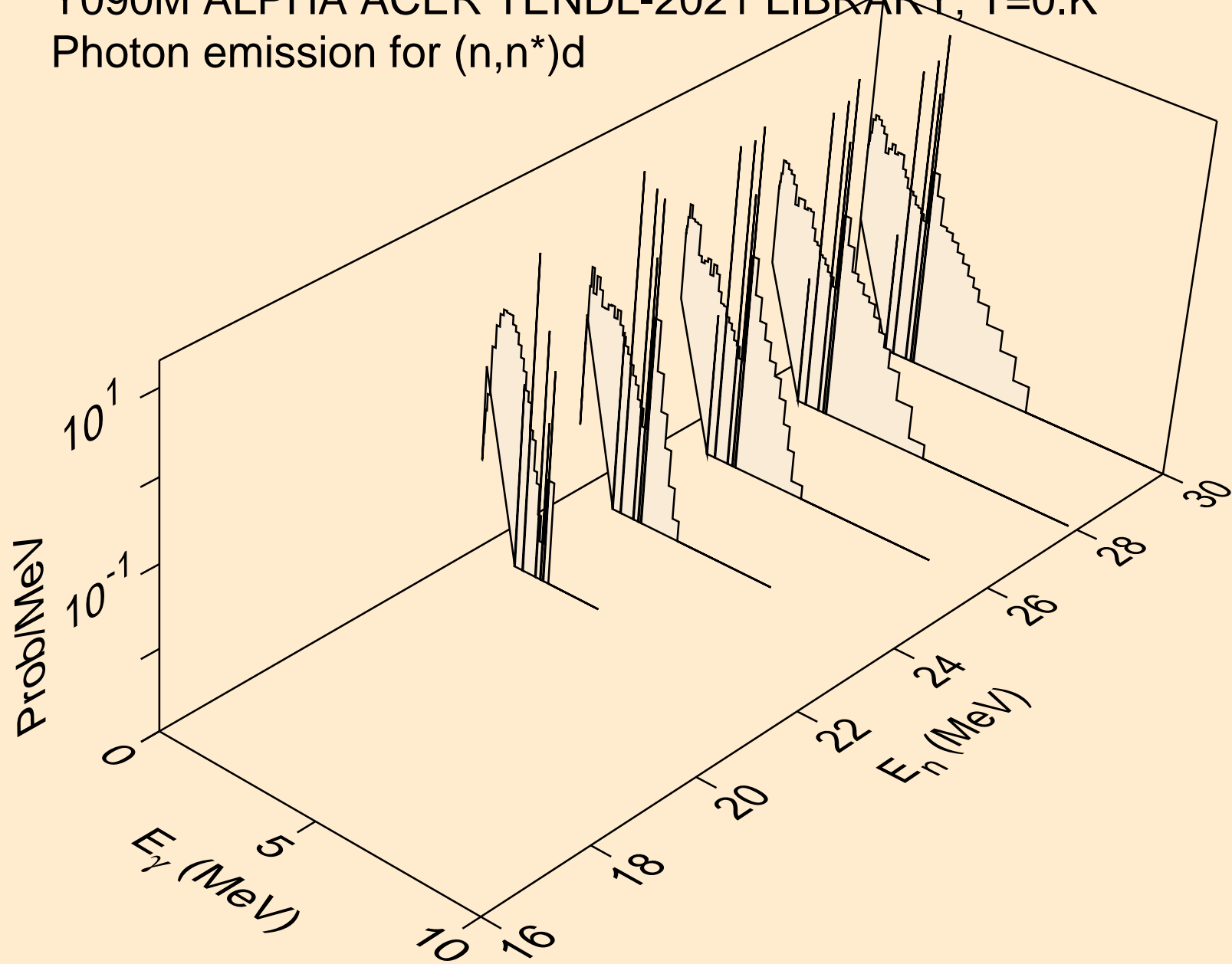


Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

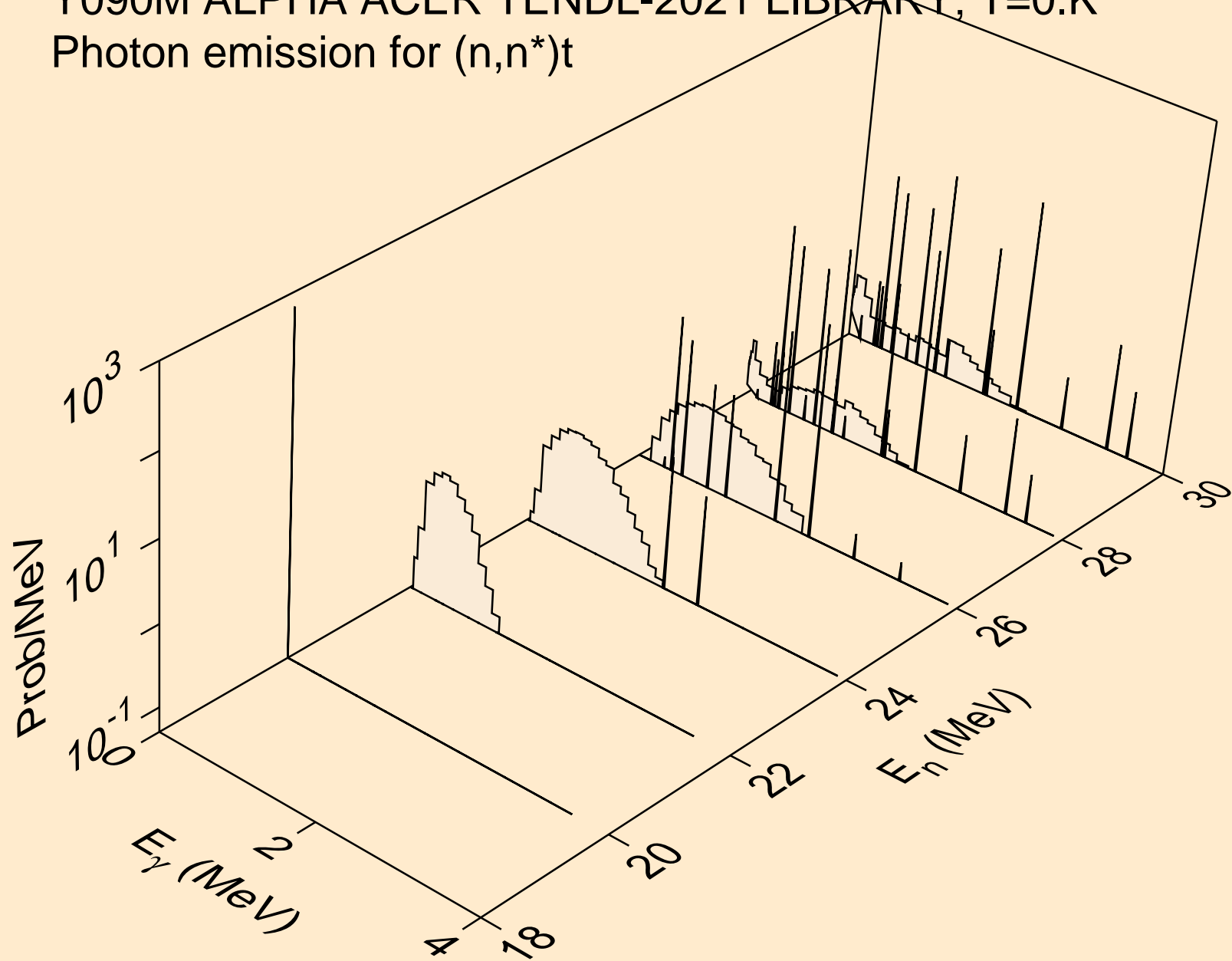




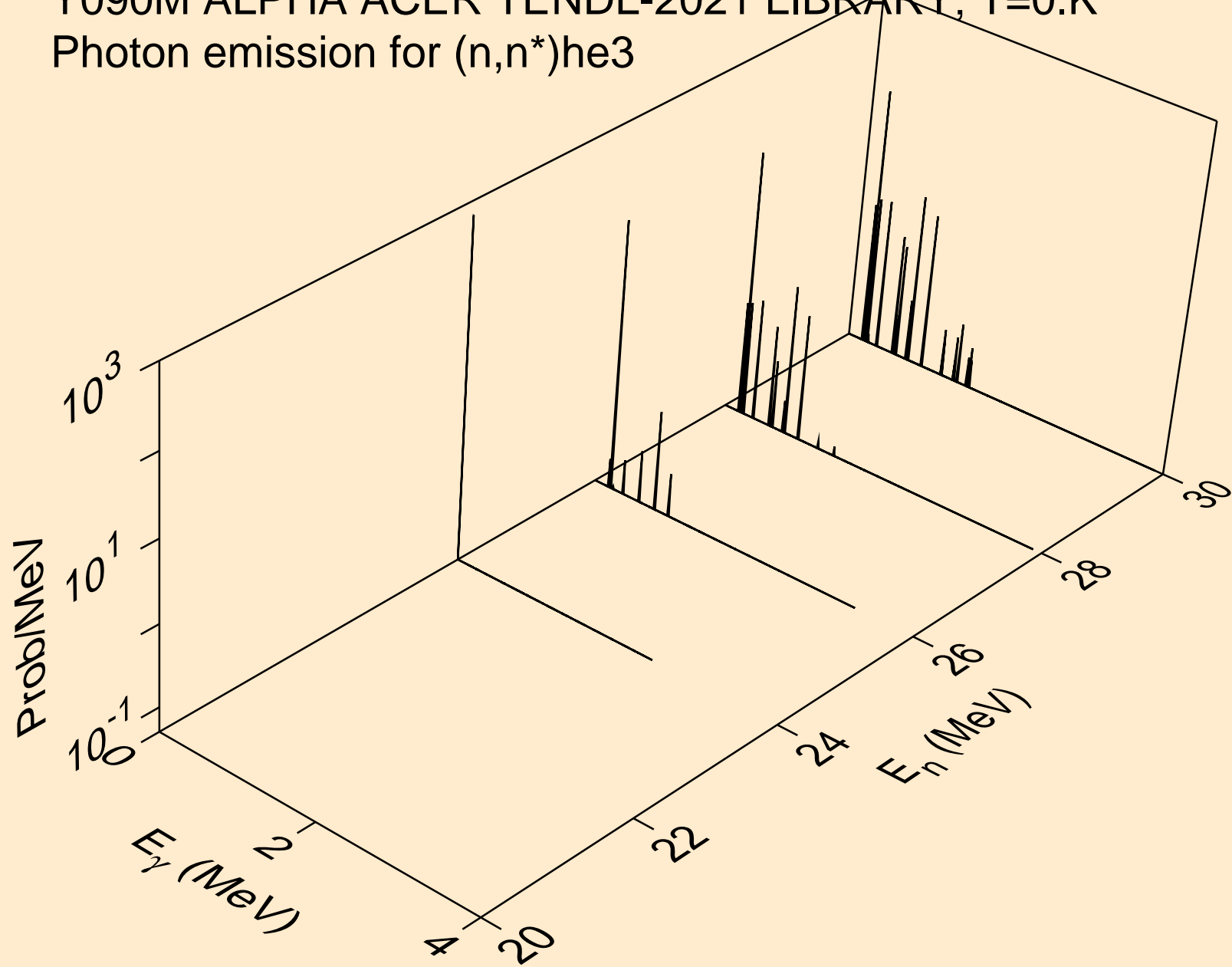
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



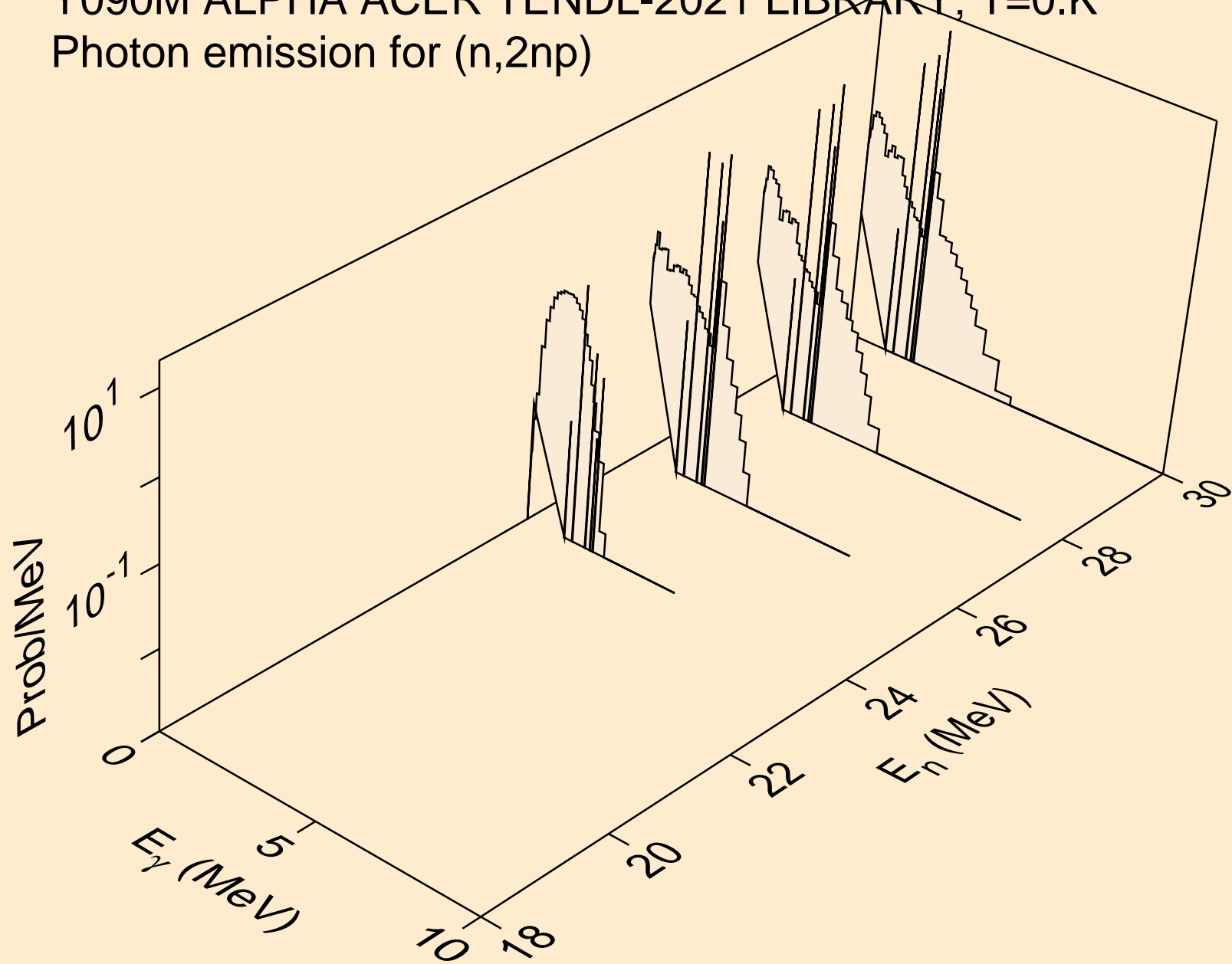
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



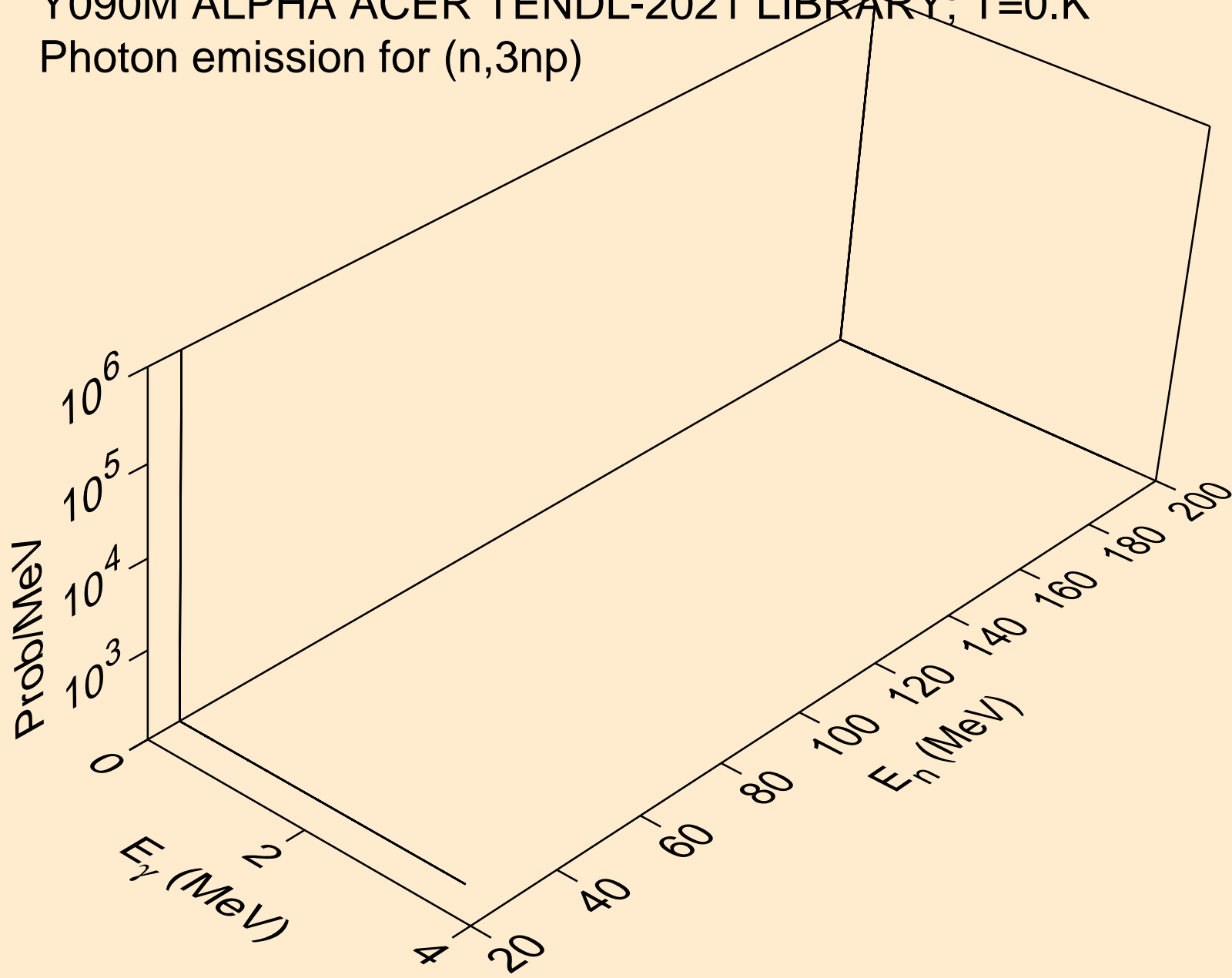
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Photon emission for (n,n\*)he3



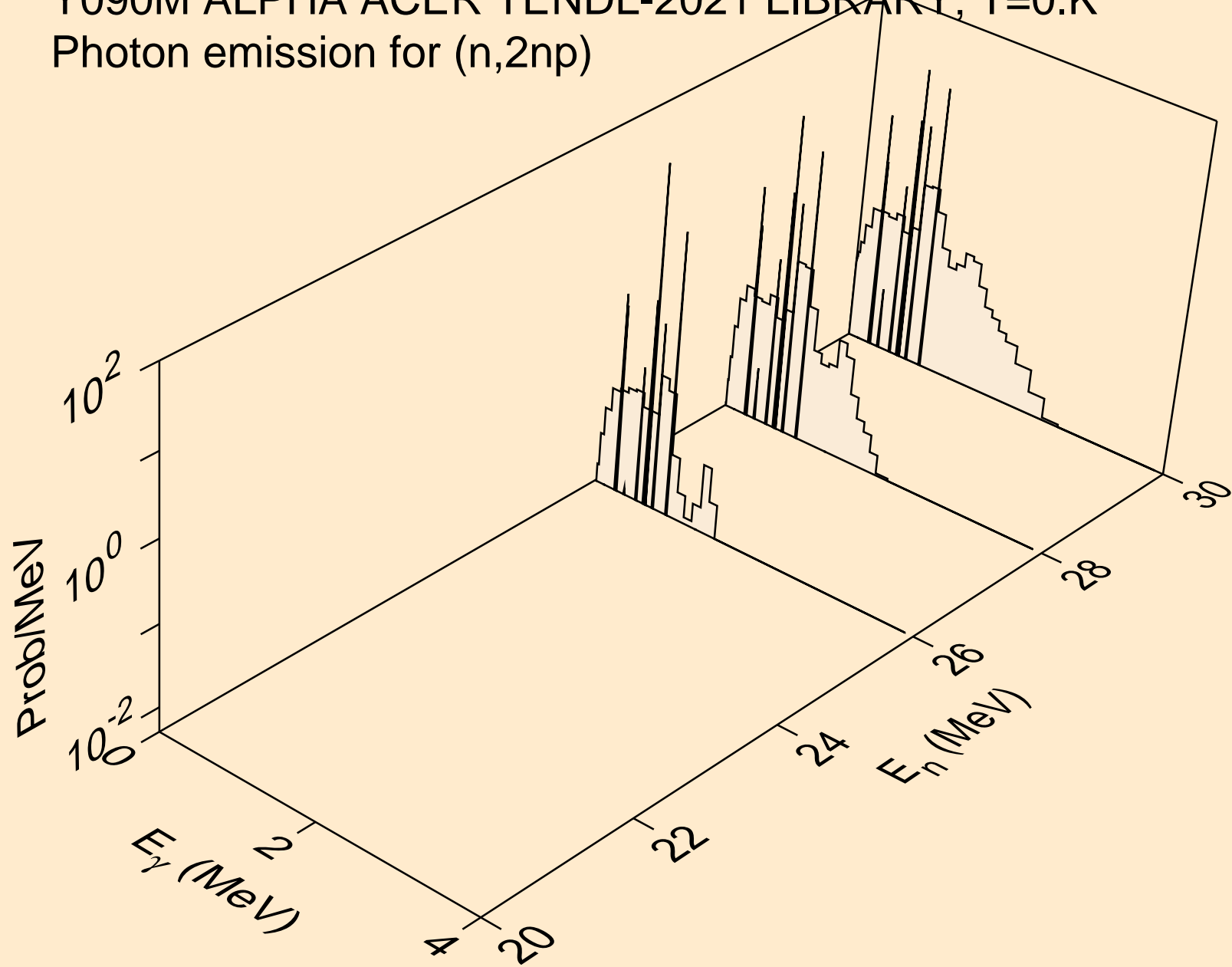
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Photon emission for (n,2np)



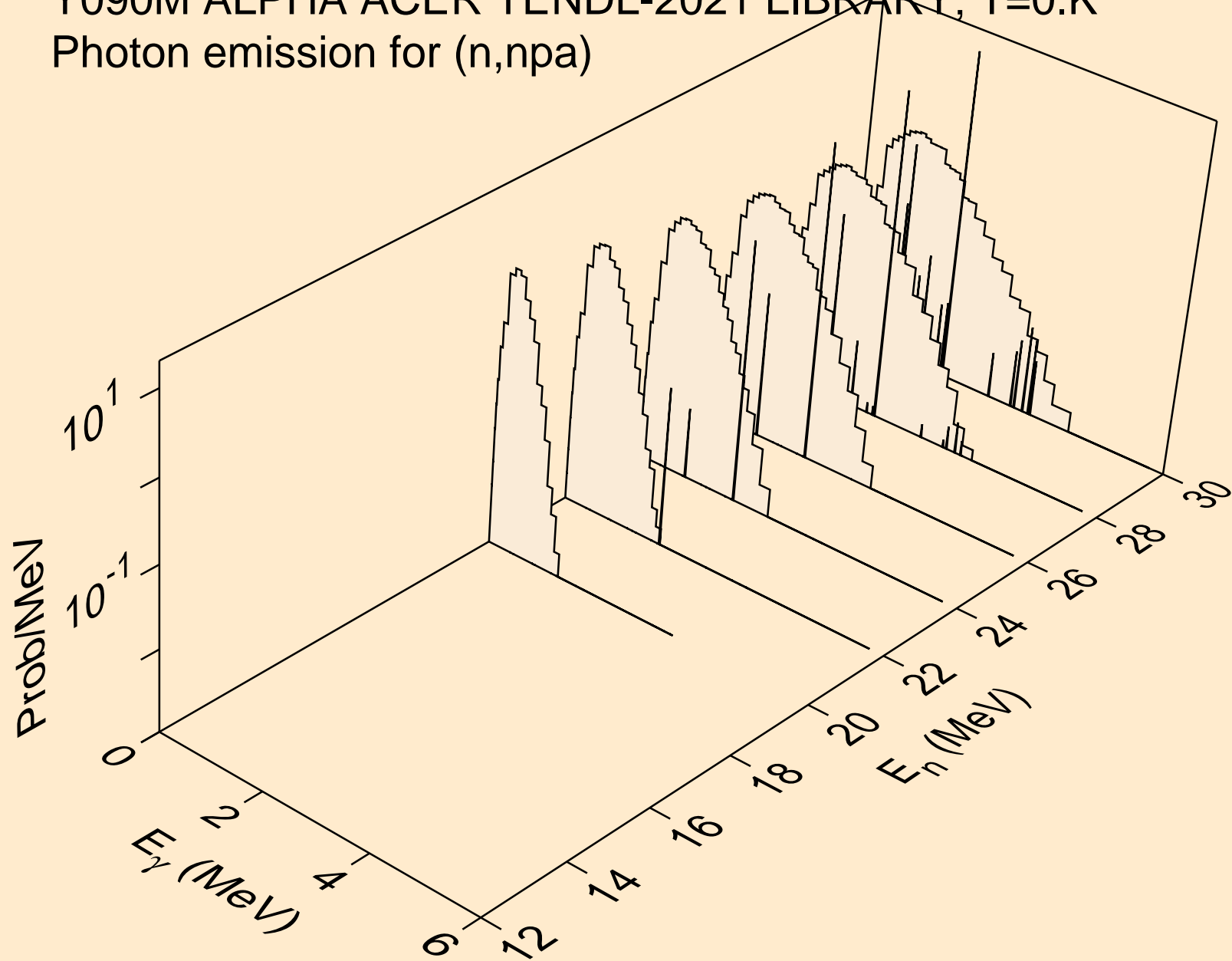
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Photon emission for (n,3np)



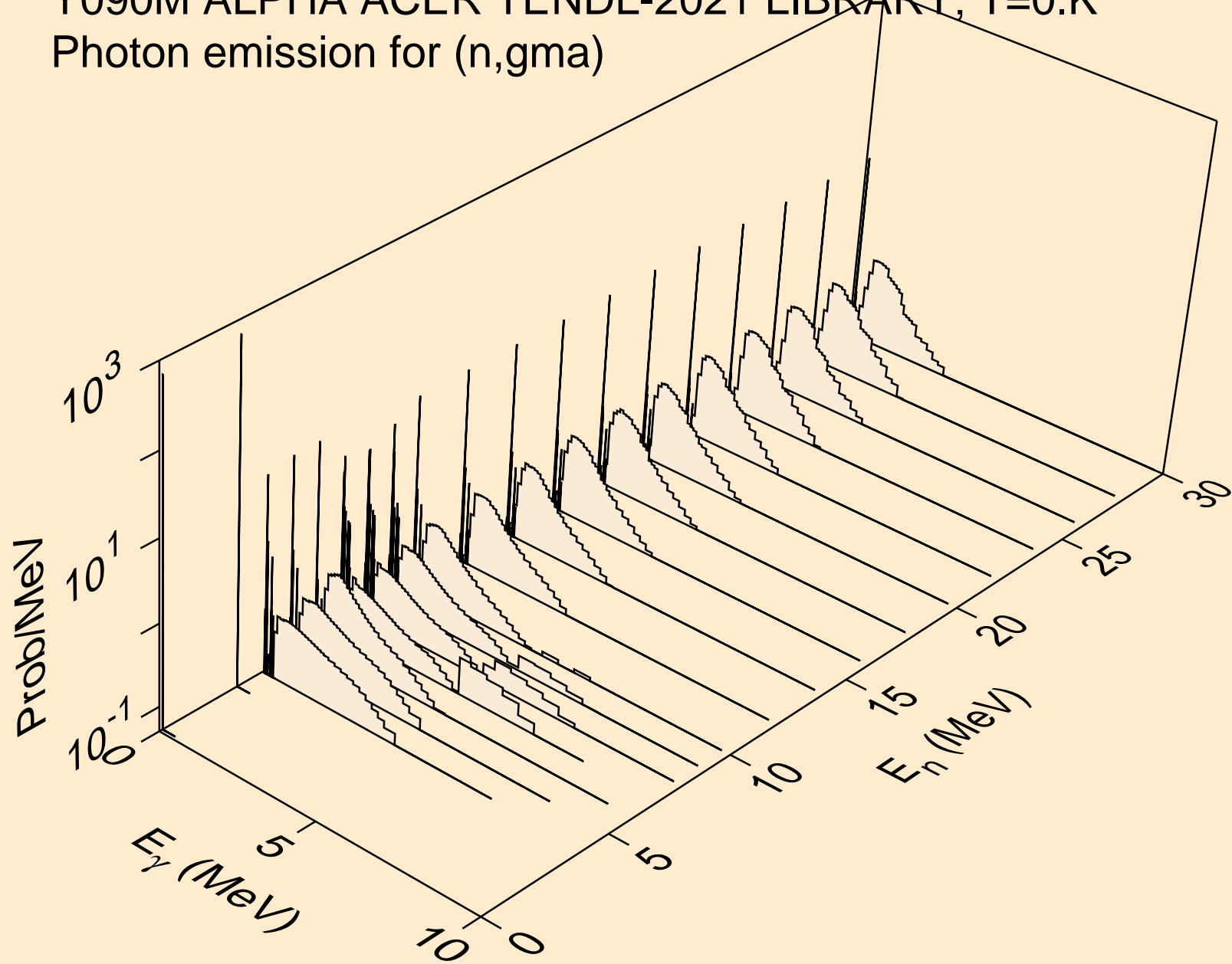
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Photon emission for (n,2np)



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

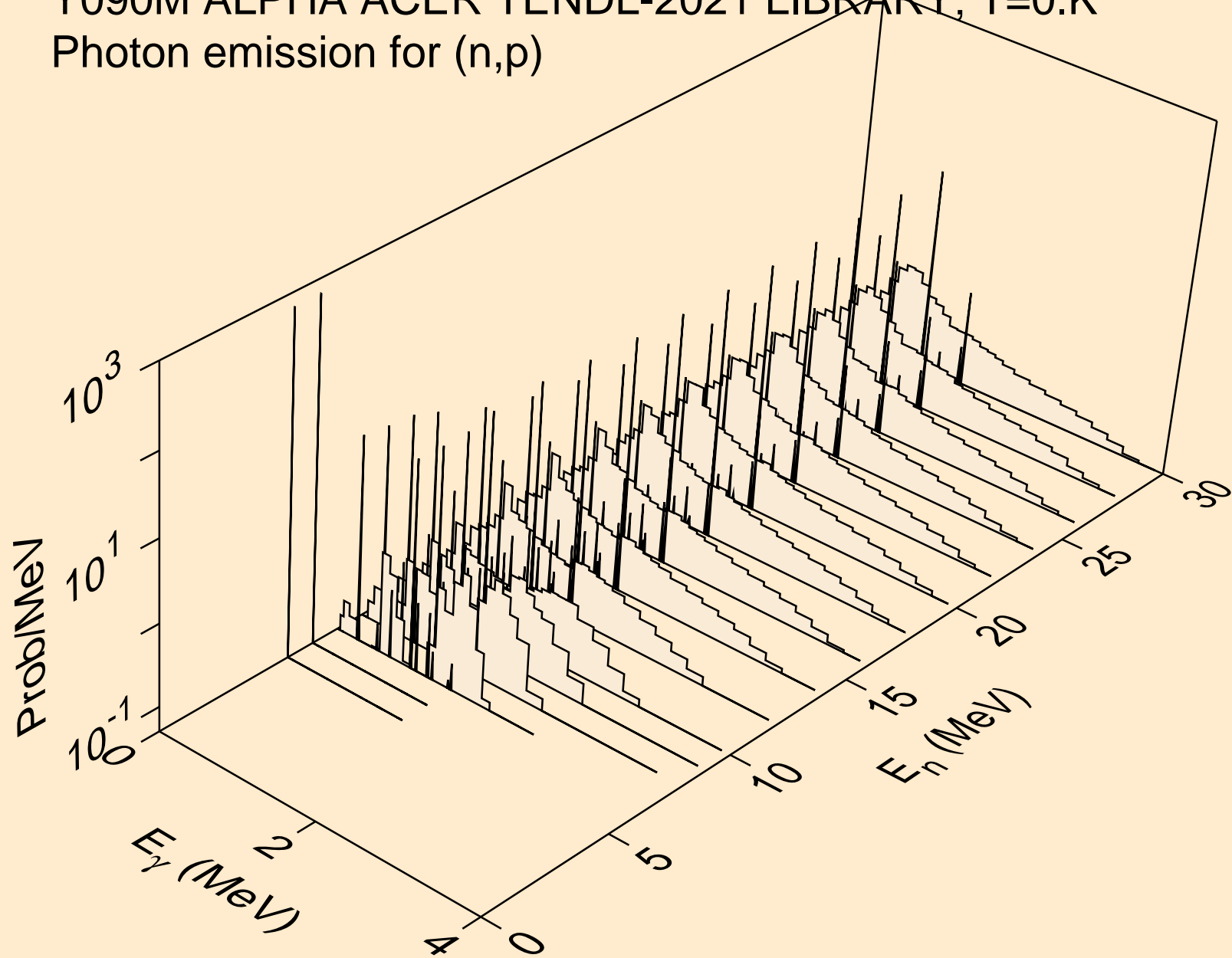


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Photon emission for (n,gma)

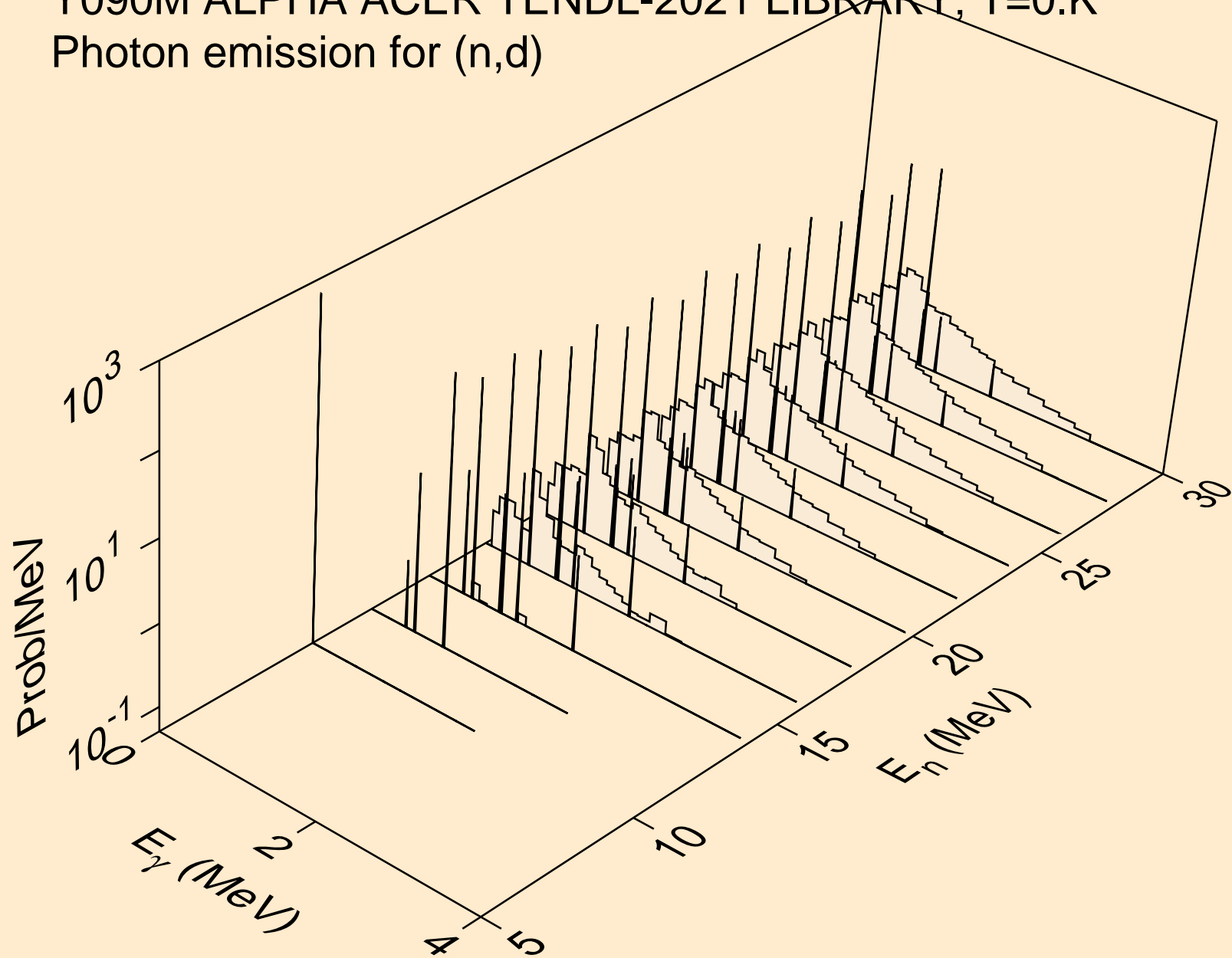




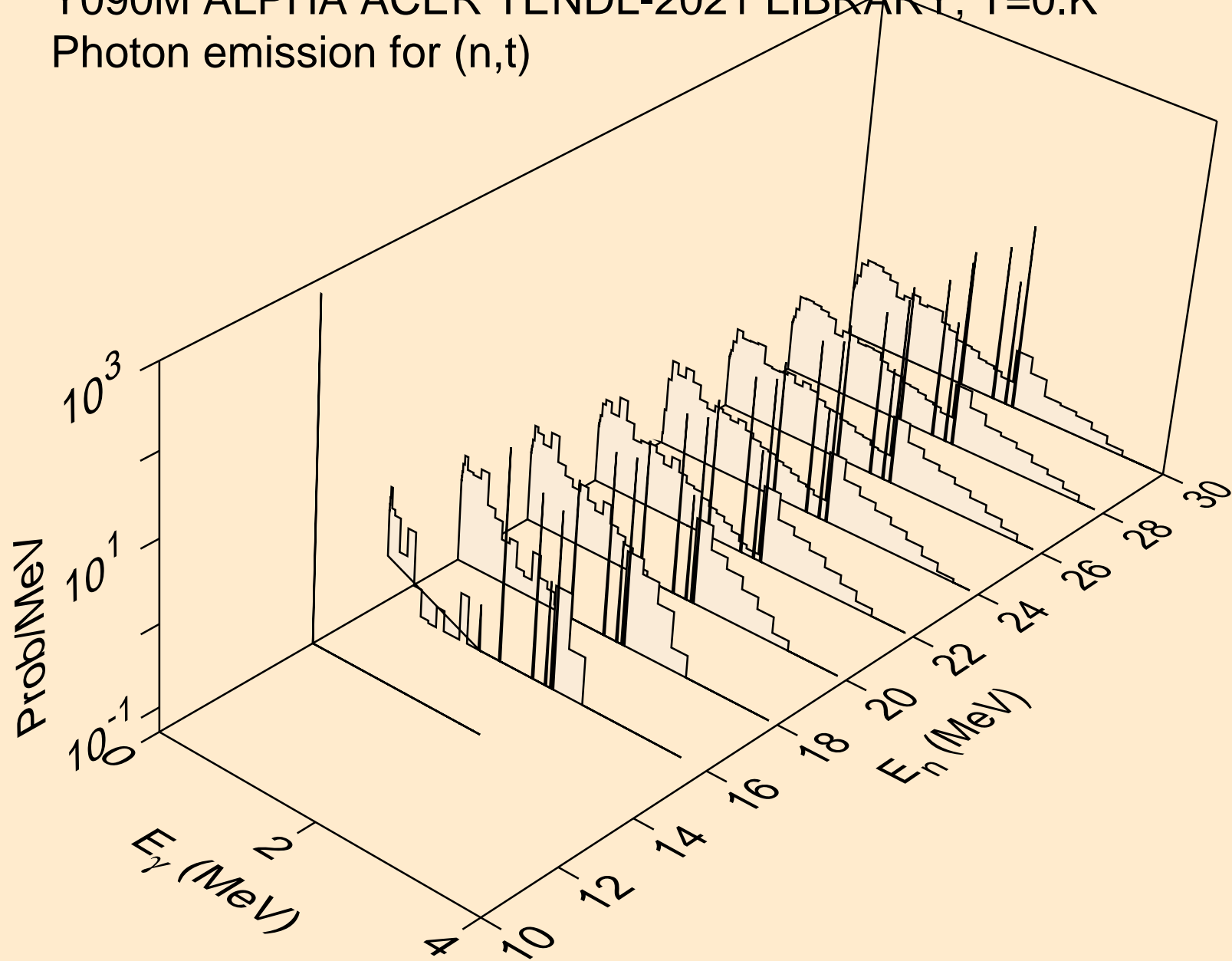
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Photon emission for (n,p)



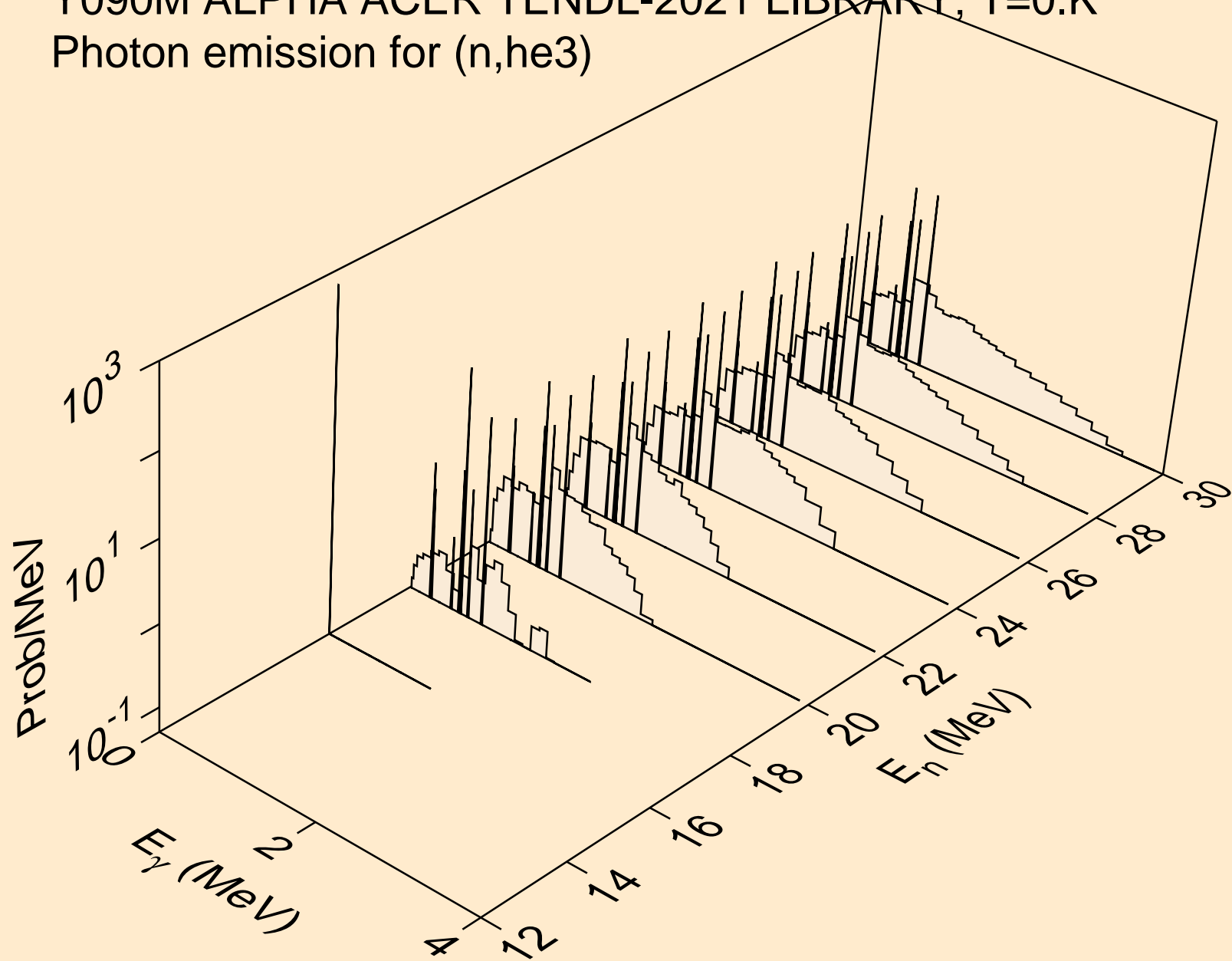
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Photon emission for (n,d)



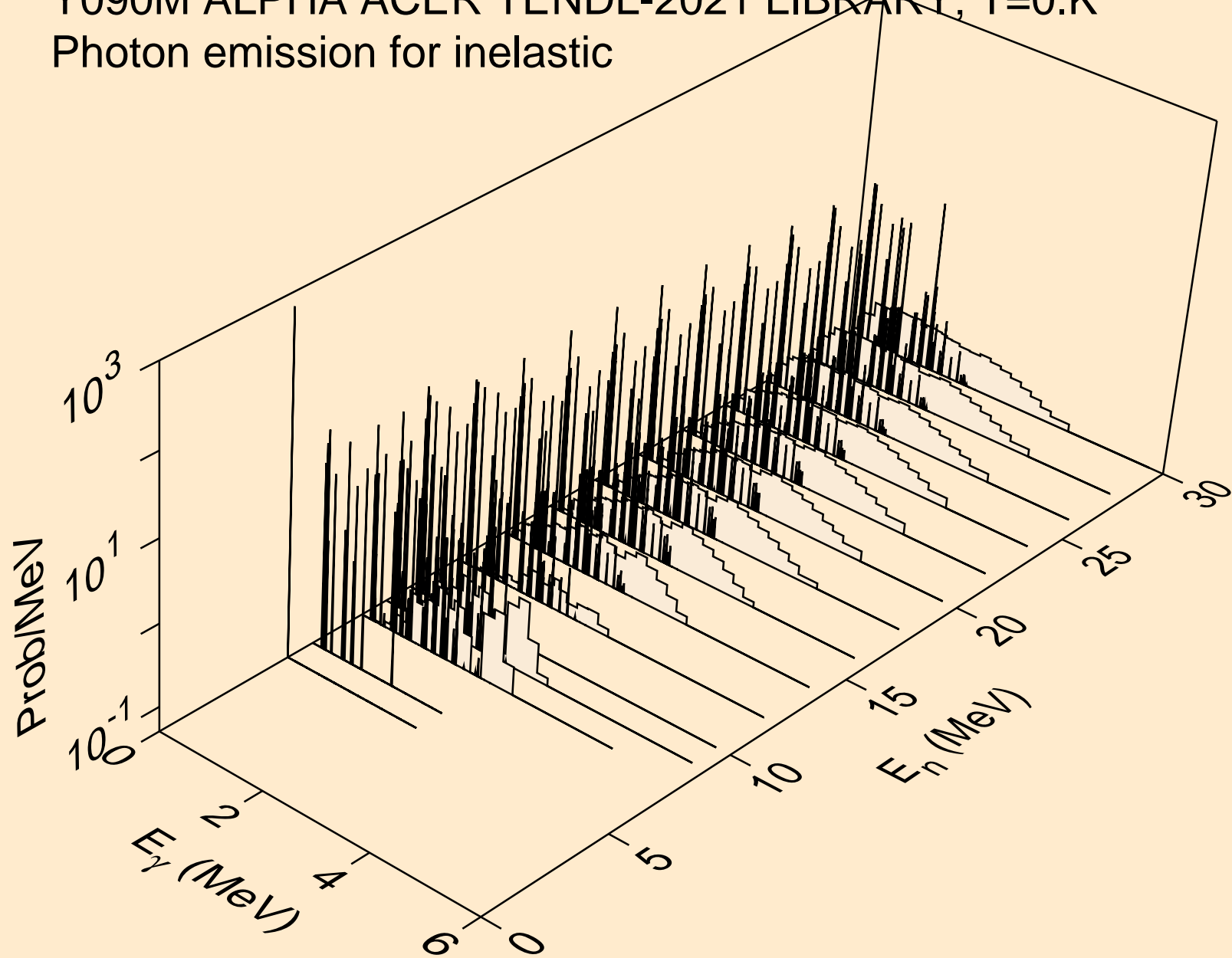
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Photon emission for (n,t)



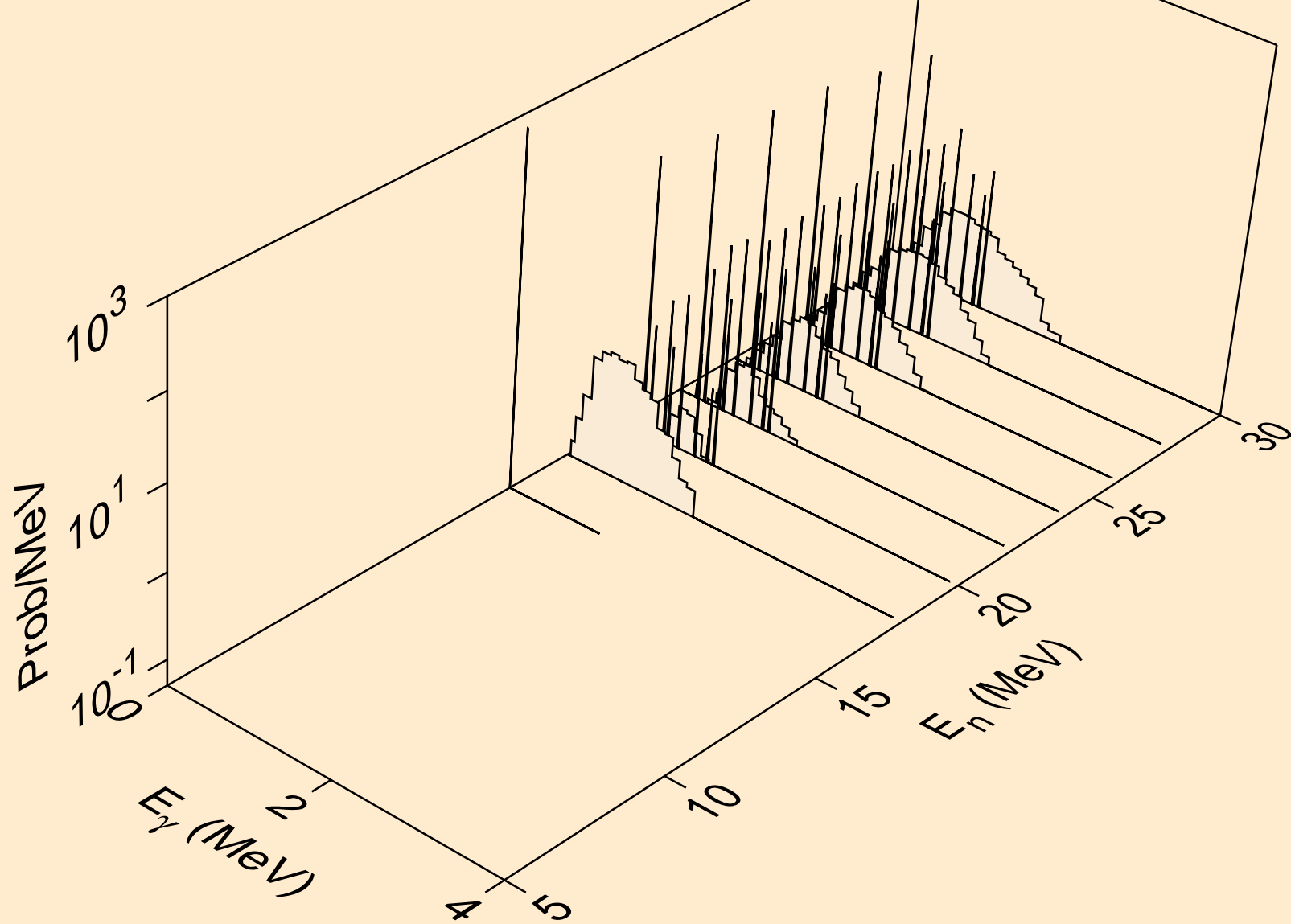
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Photon emission for (n,he3)



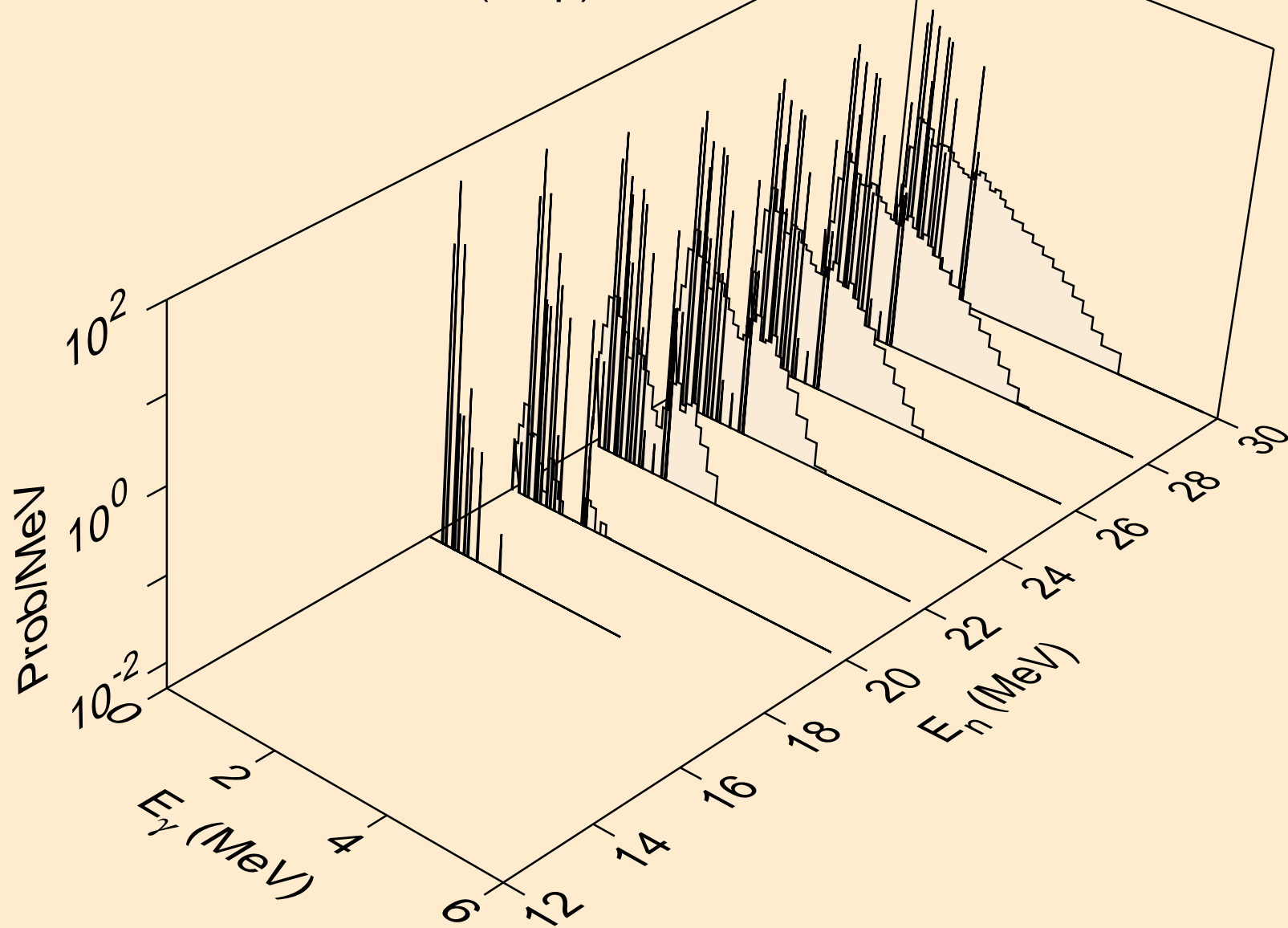
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Photon emission for inelastic



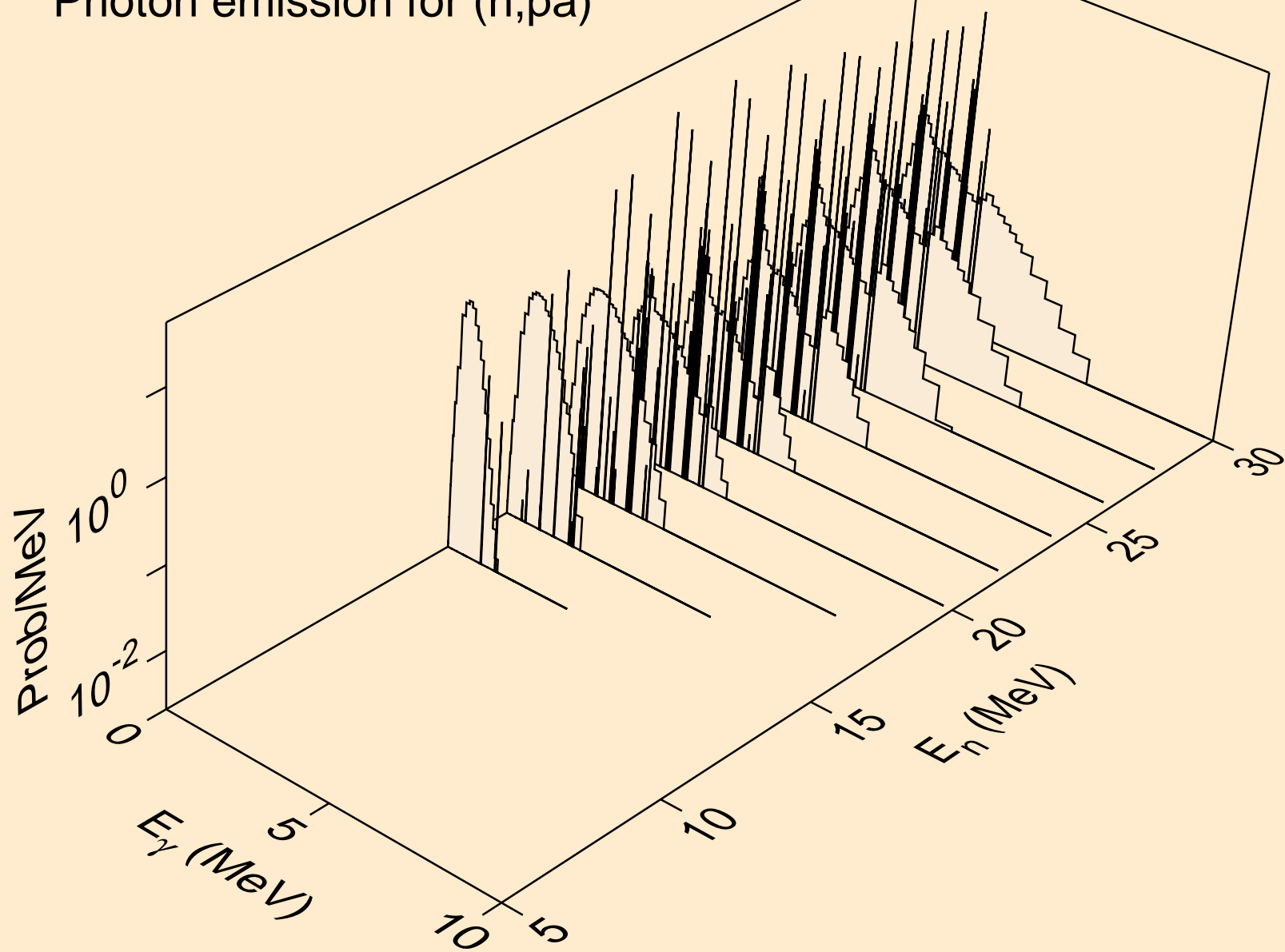
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

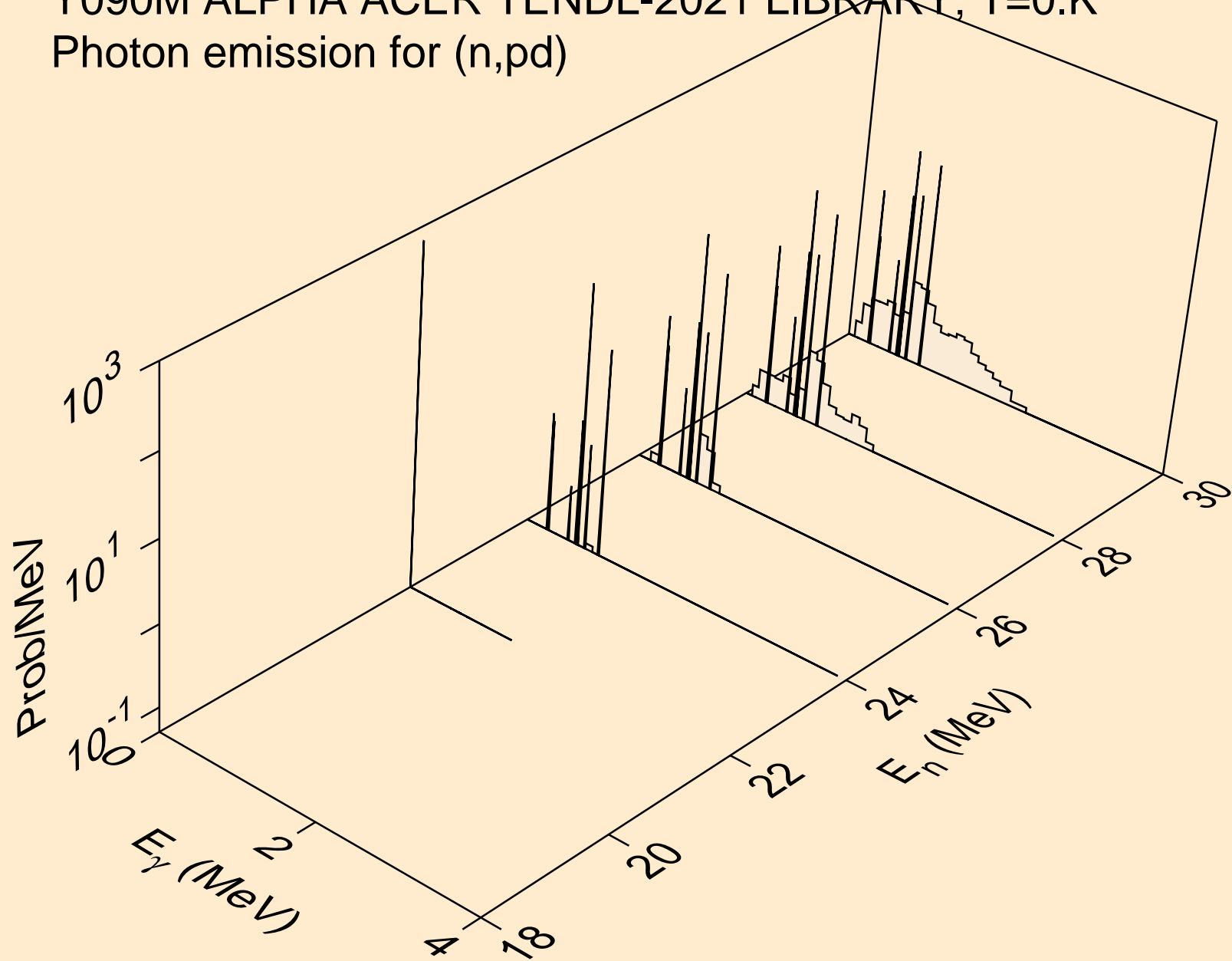


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Photon emission for (n,pa)

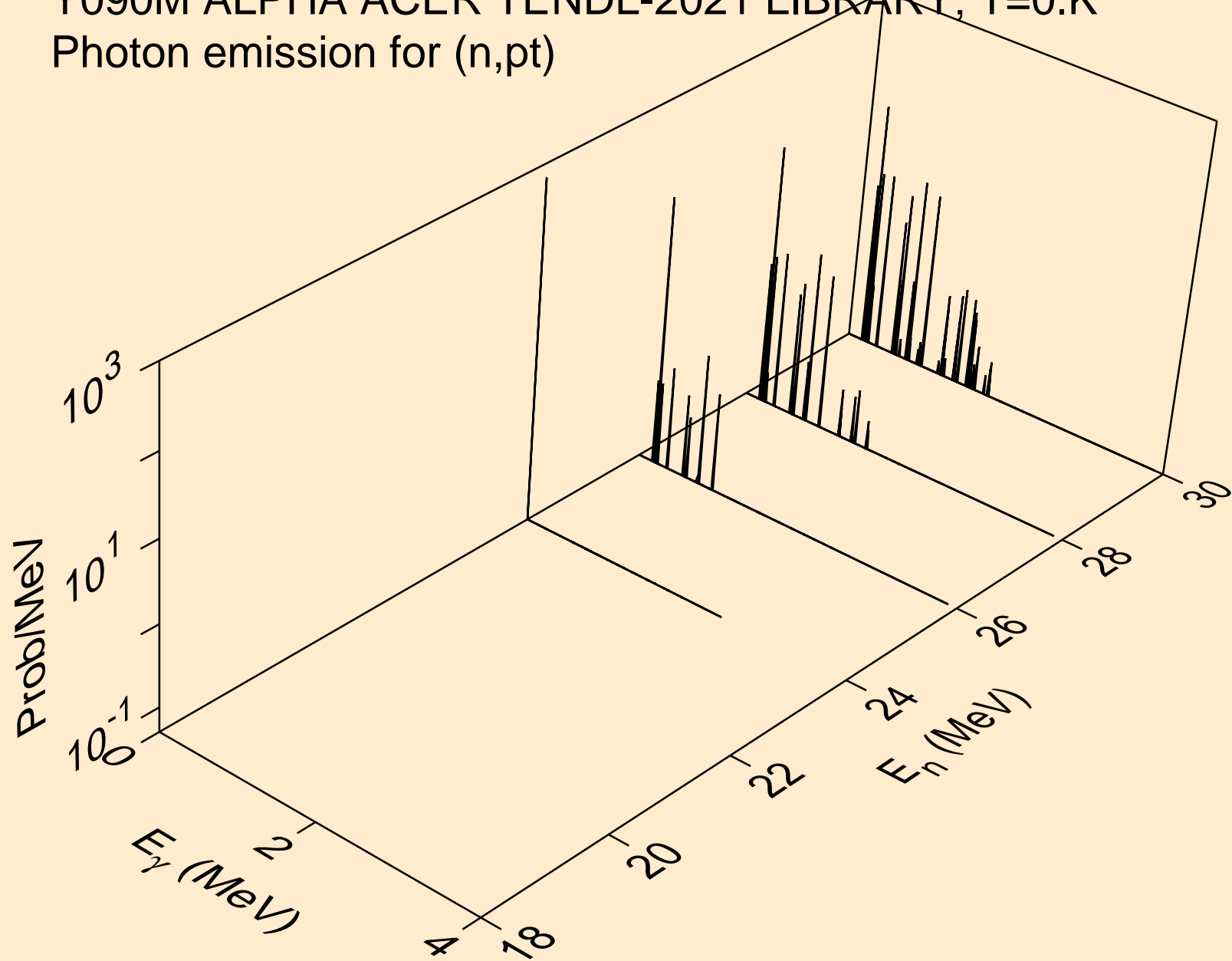




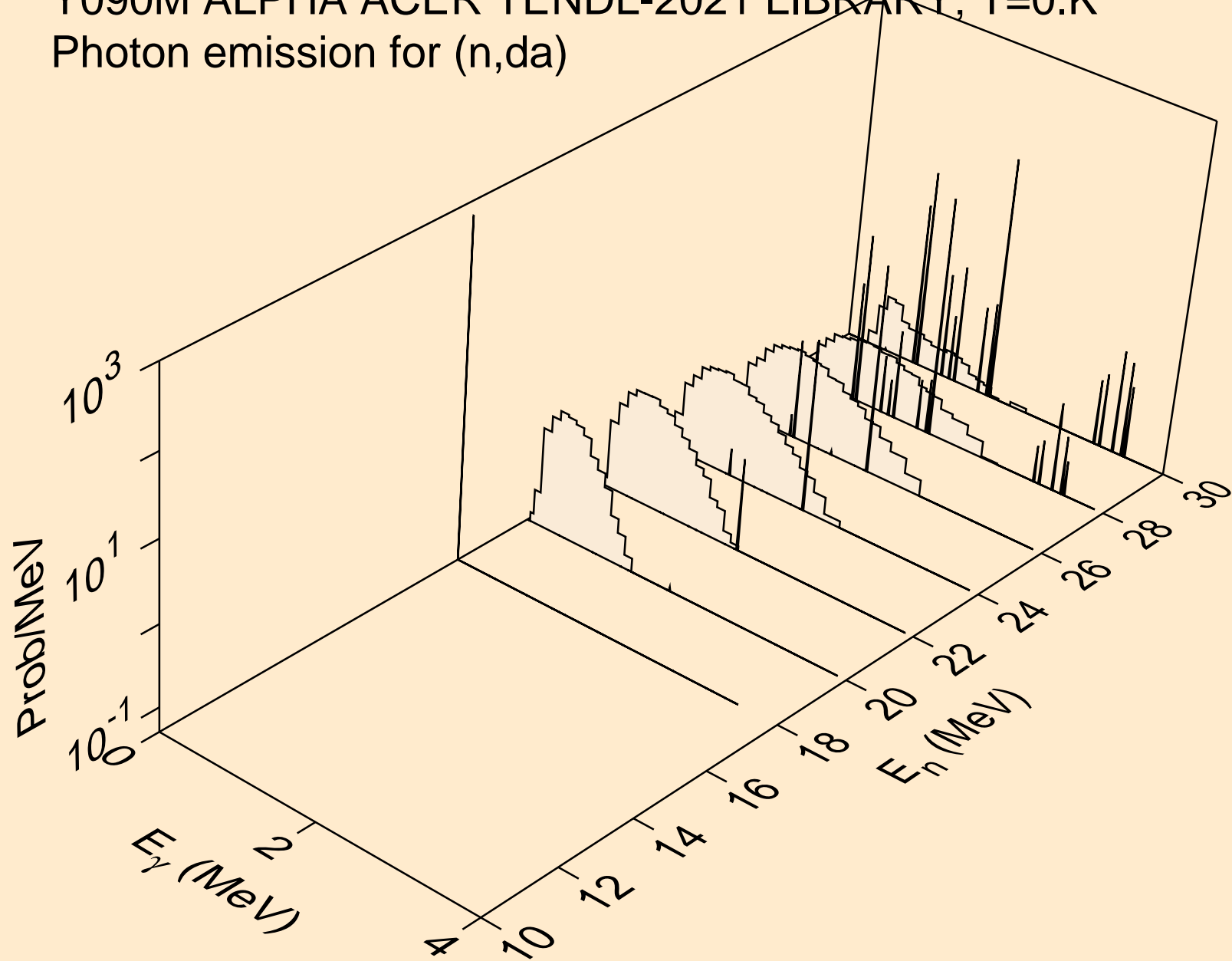
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Photon emission for (n,pd)



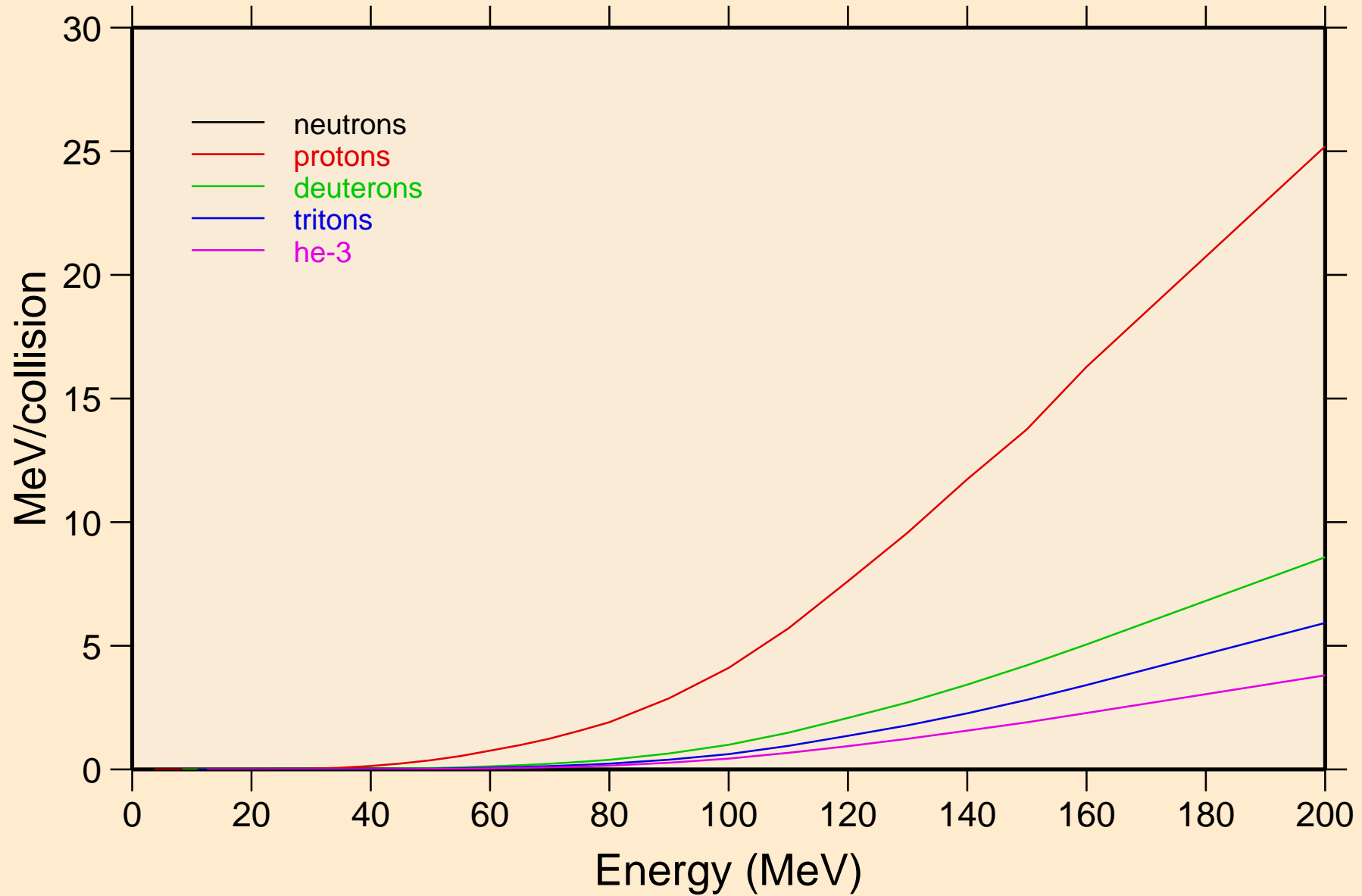
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Photon emission for (n,pt)



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

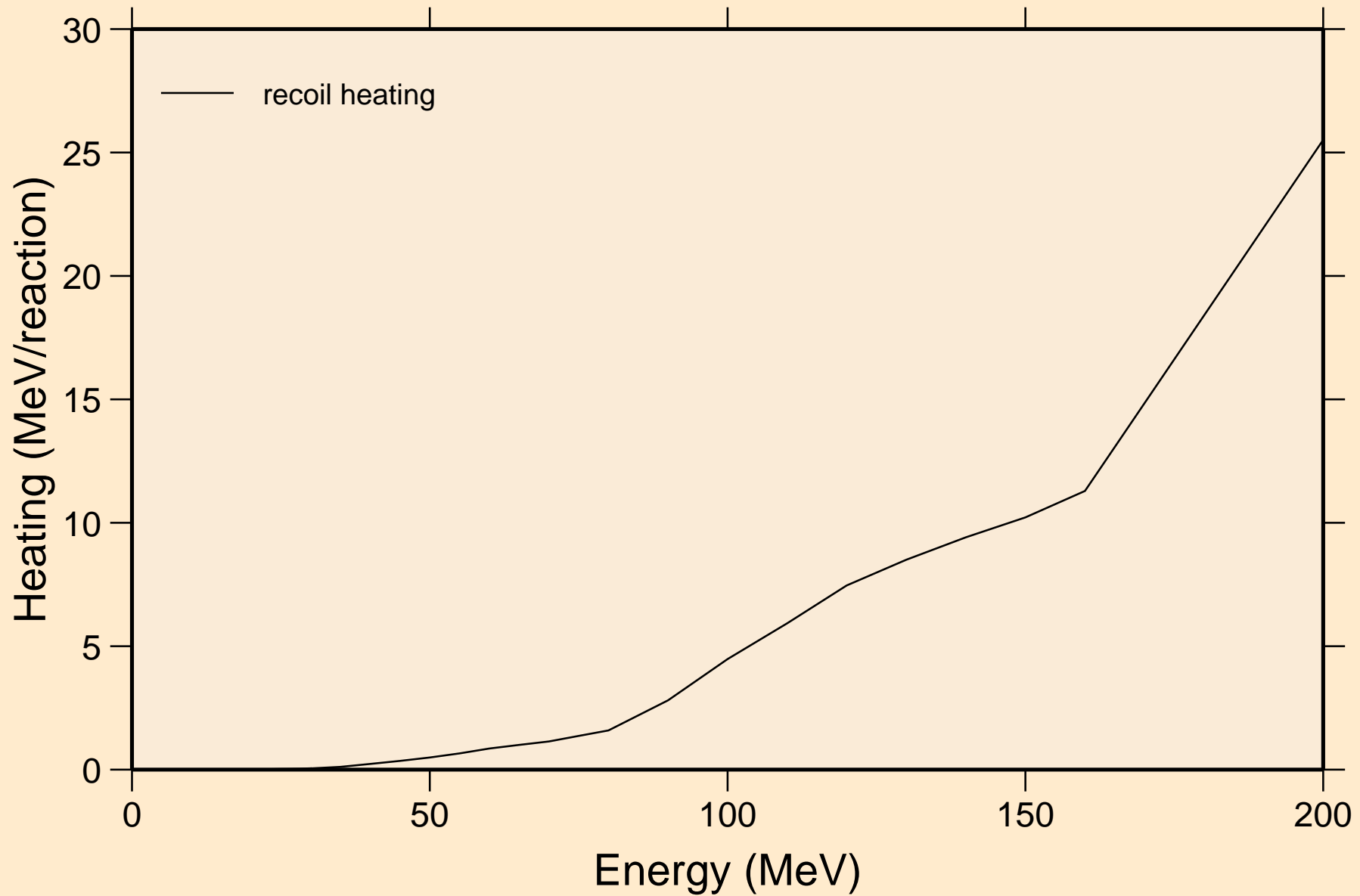


Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



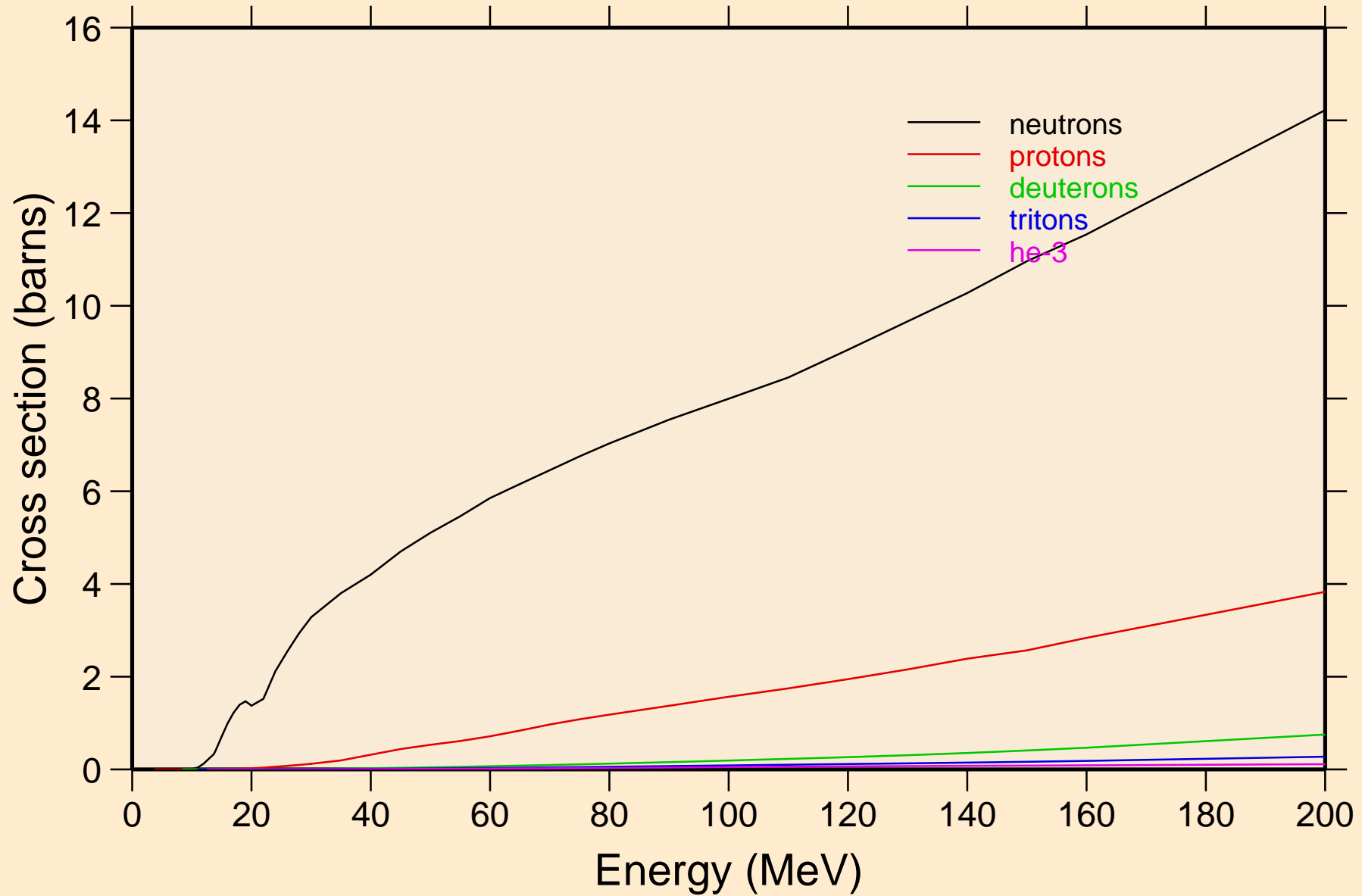
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

### Recoil Heating

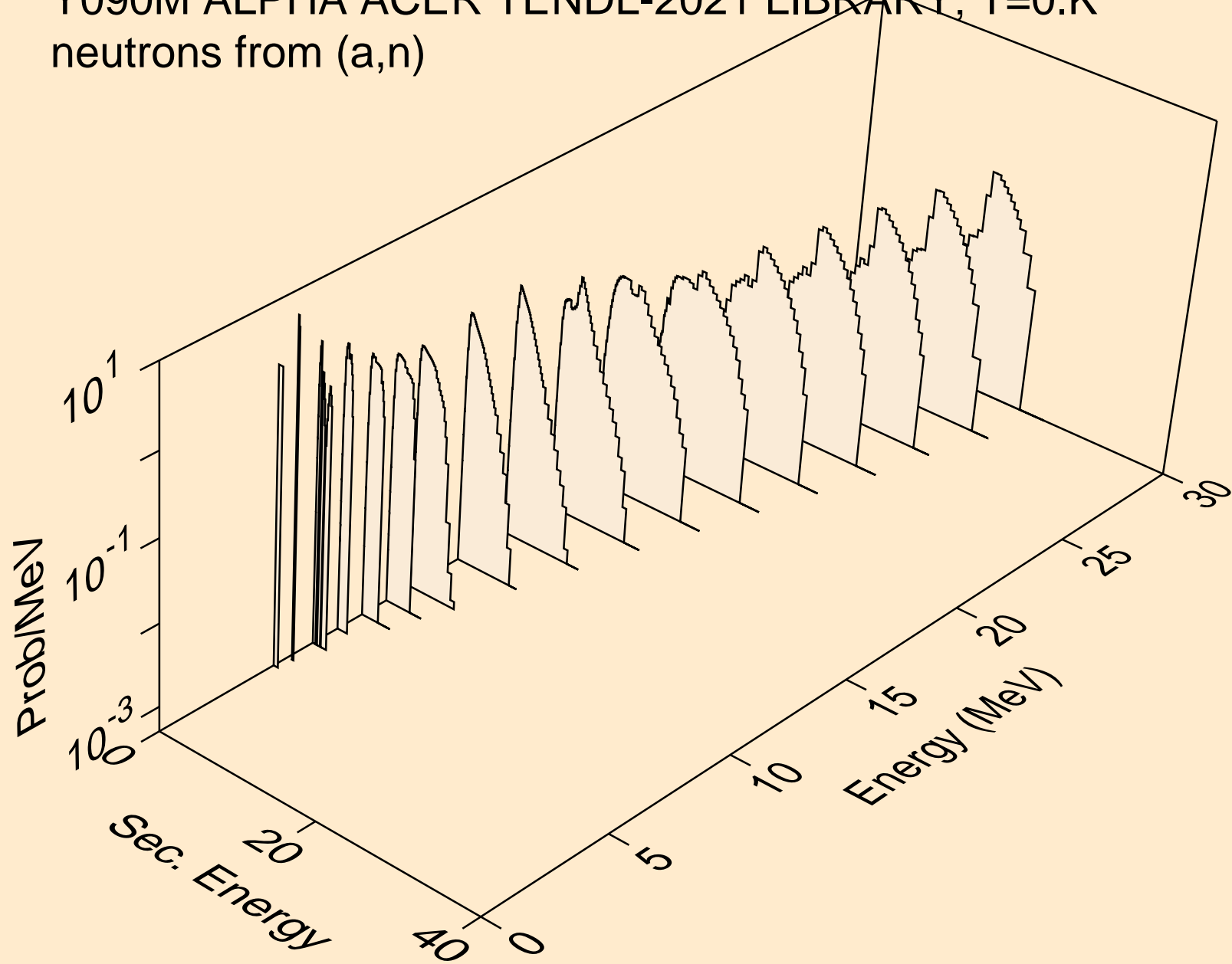


# Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K

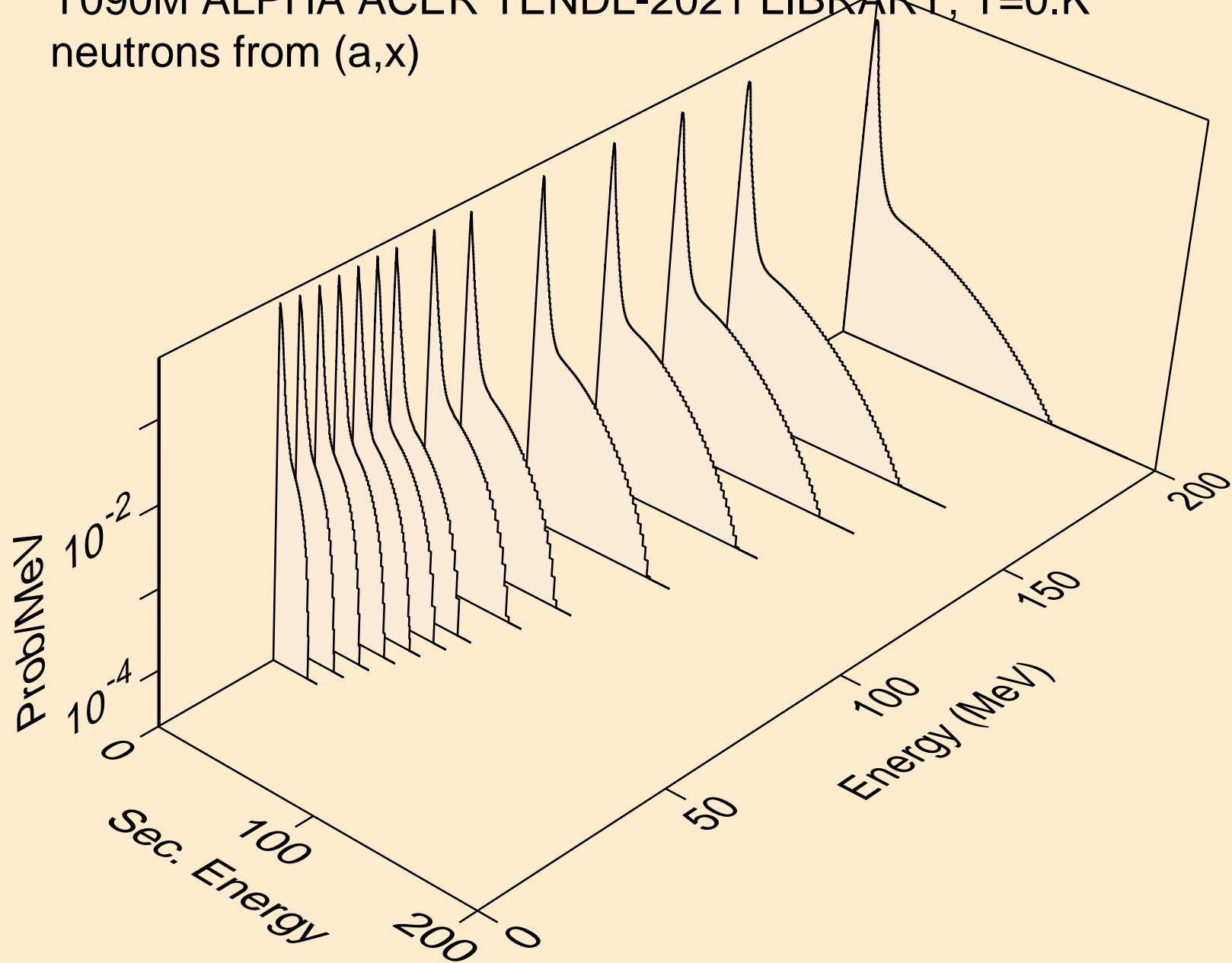
## Particle production cross sections



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)

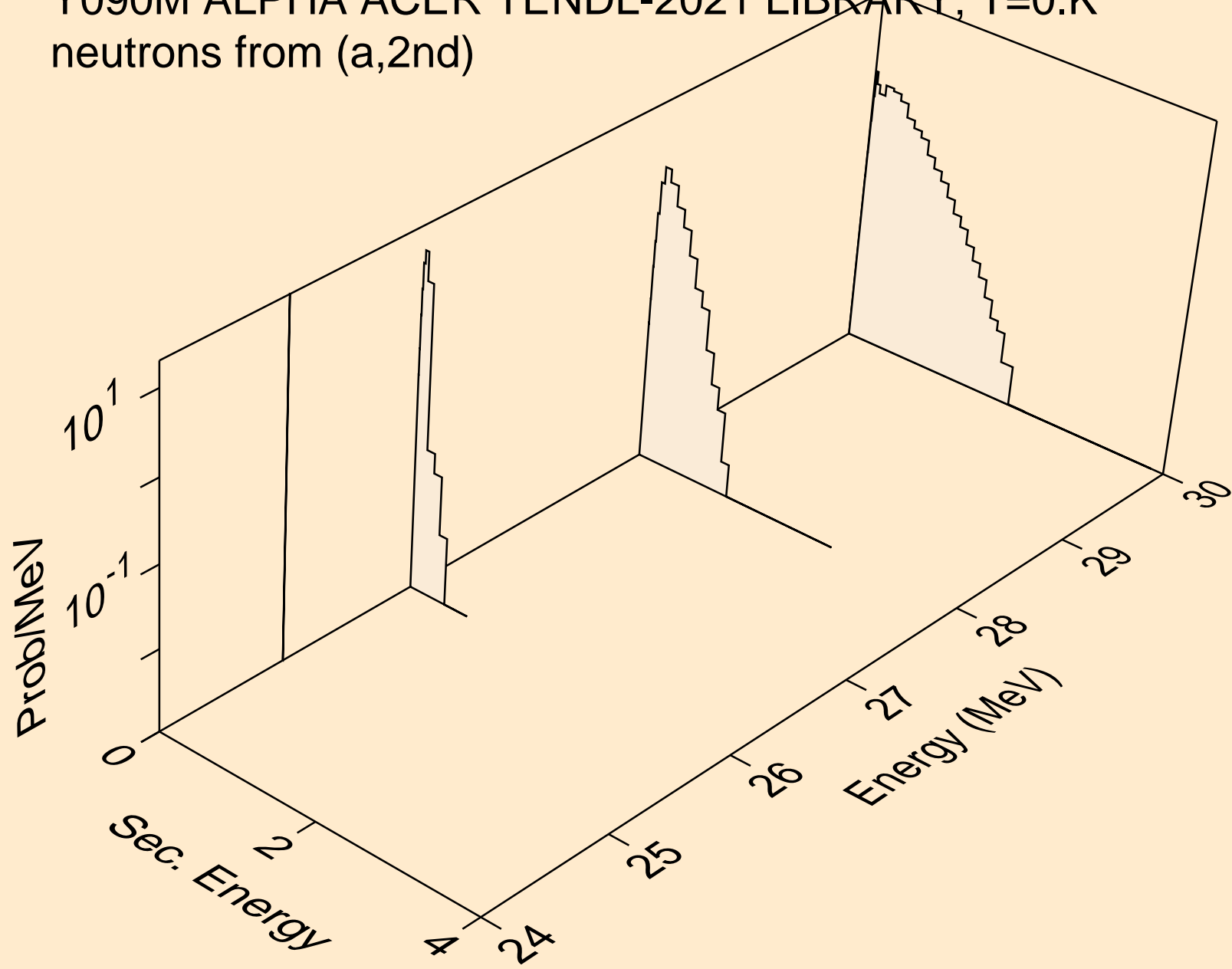


Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

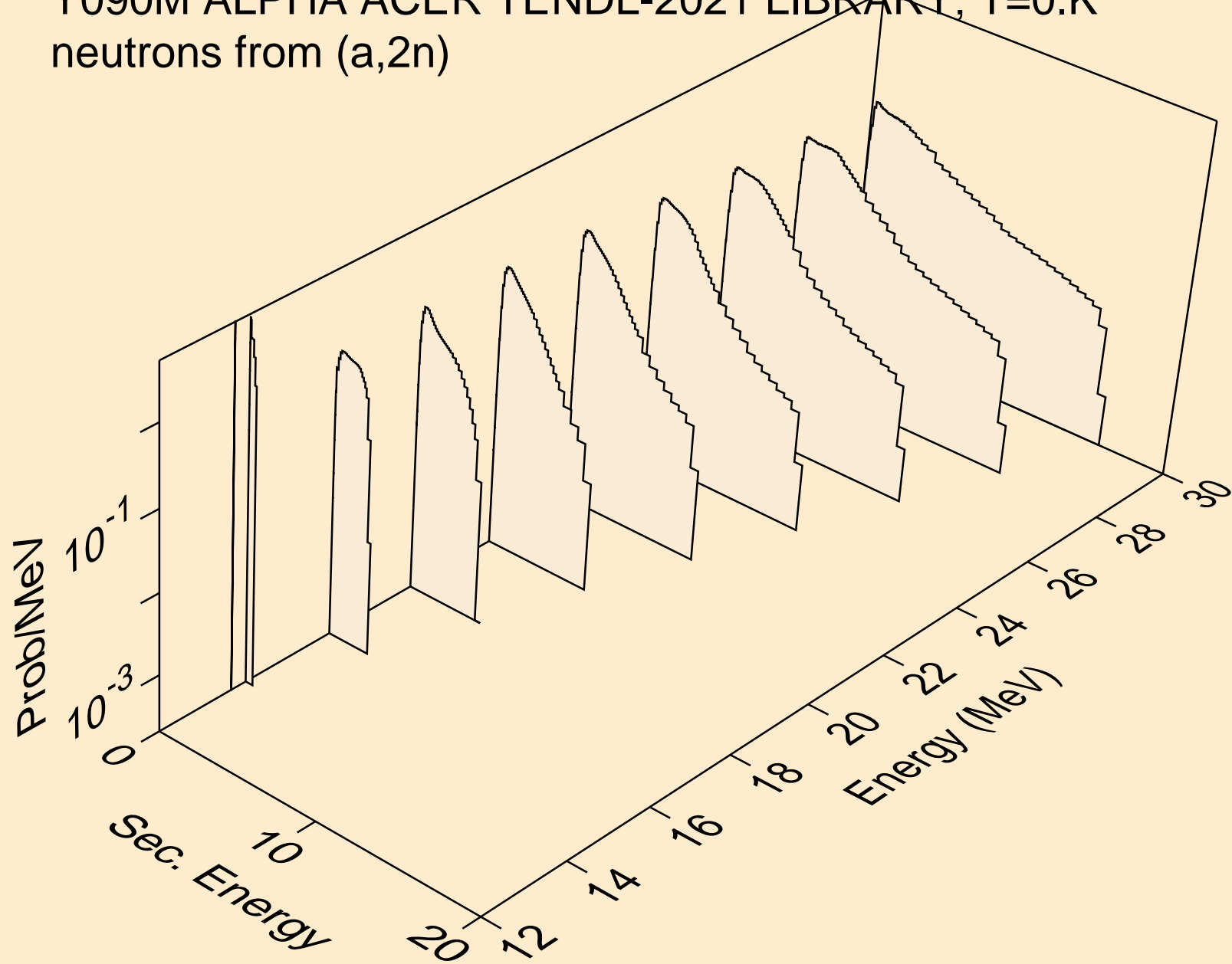




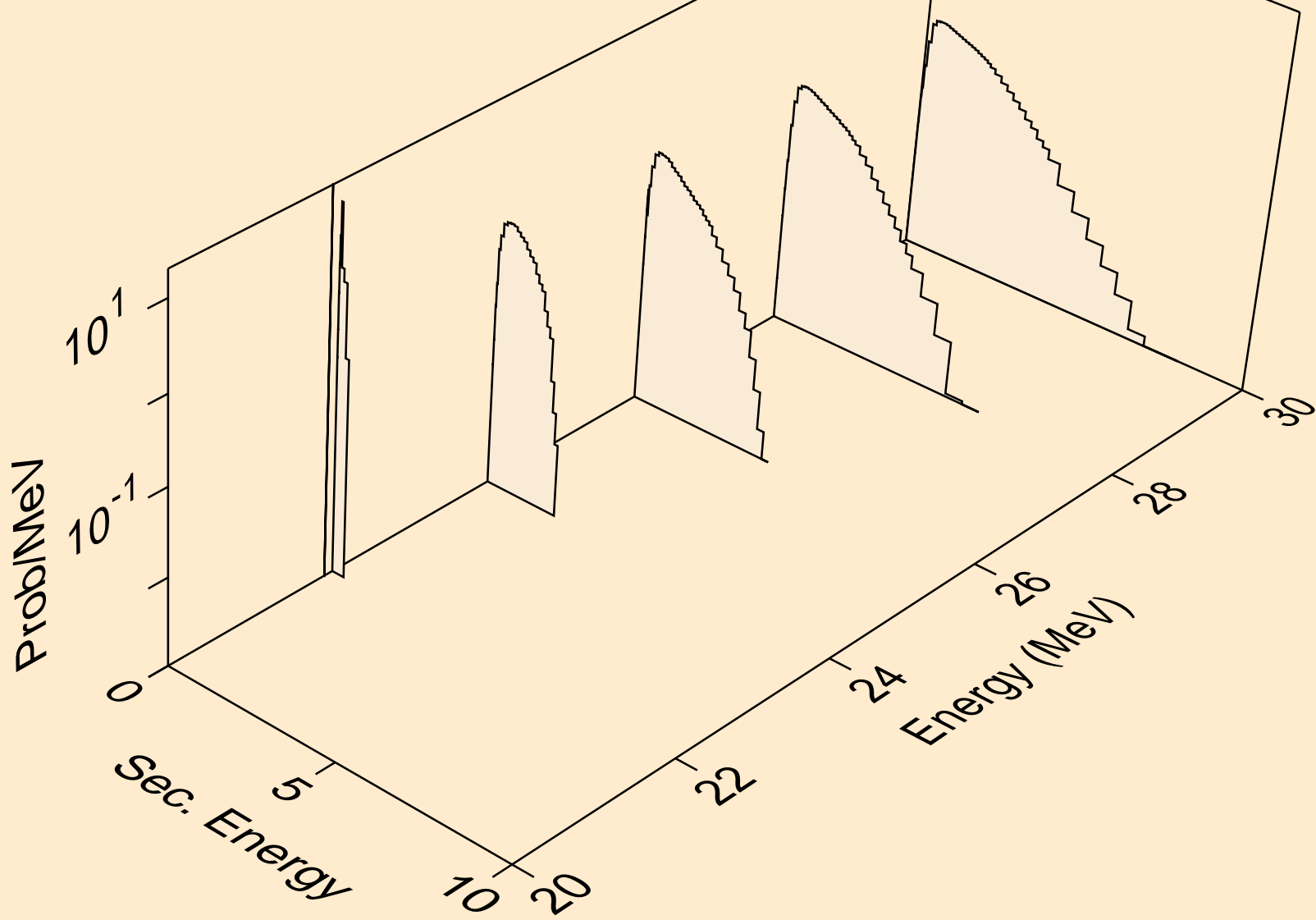
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neutrons from (a,2nd)



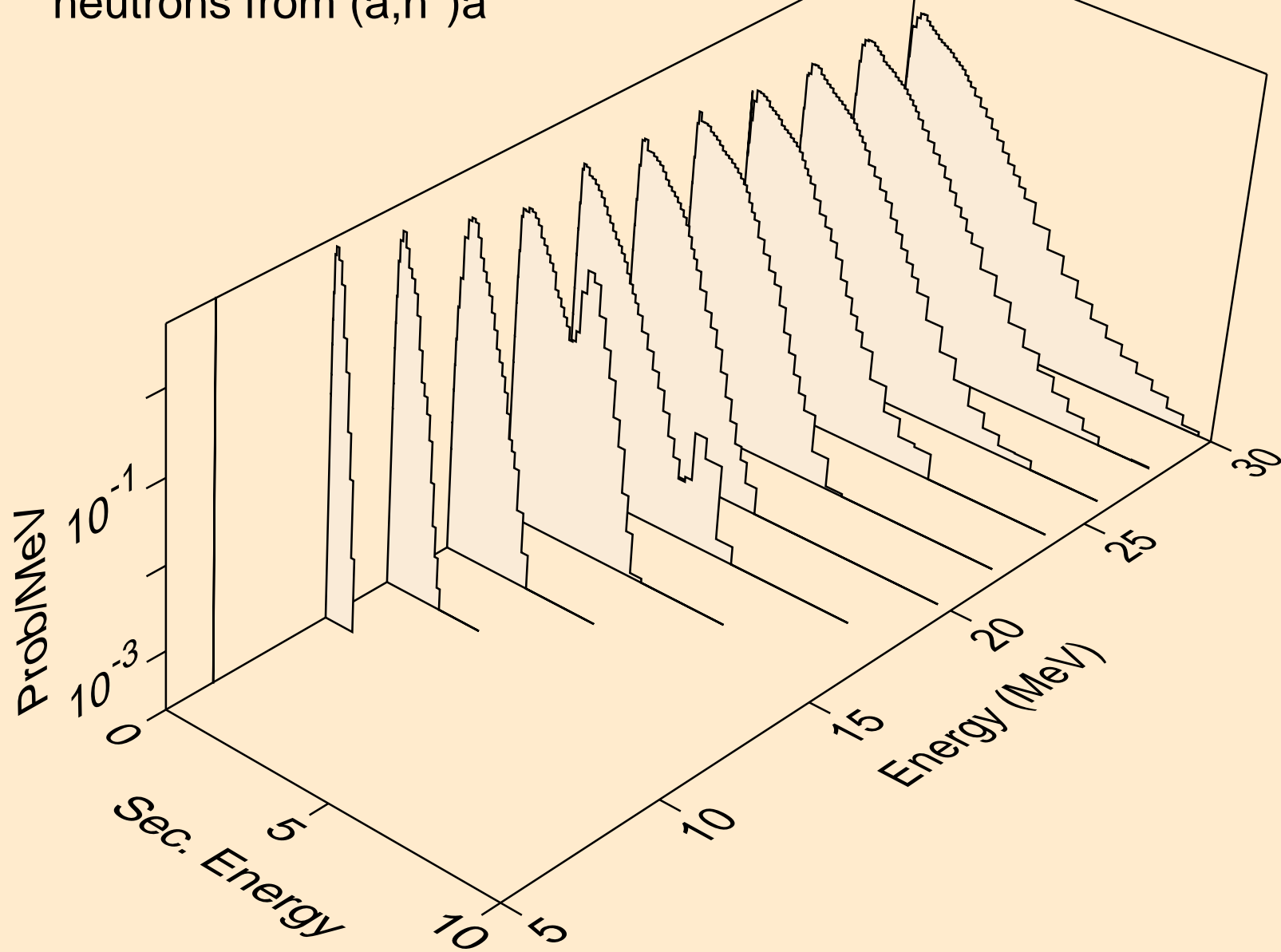
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neutrons from (a,2n)



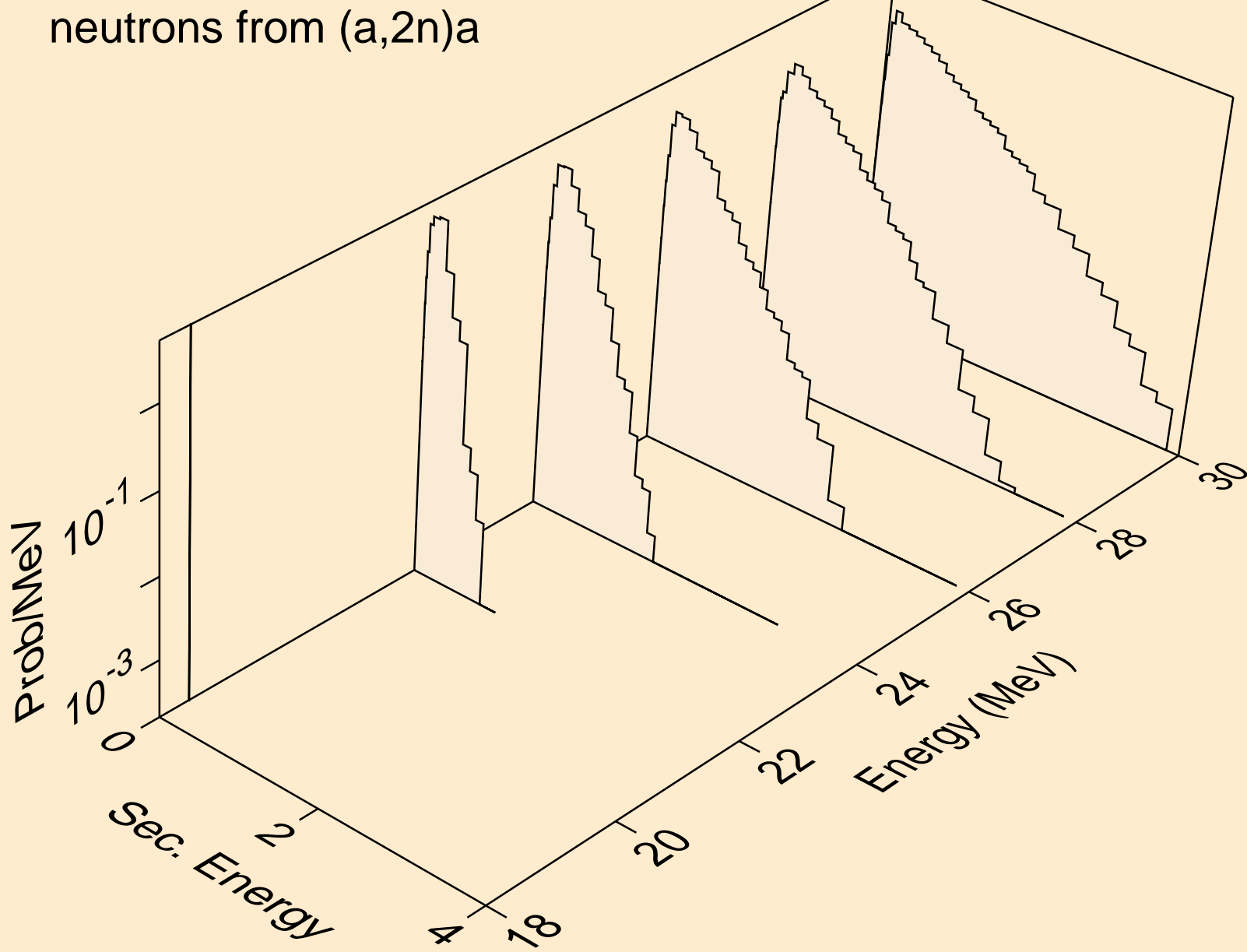
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neutrons from (a,3n)



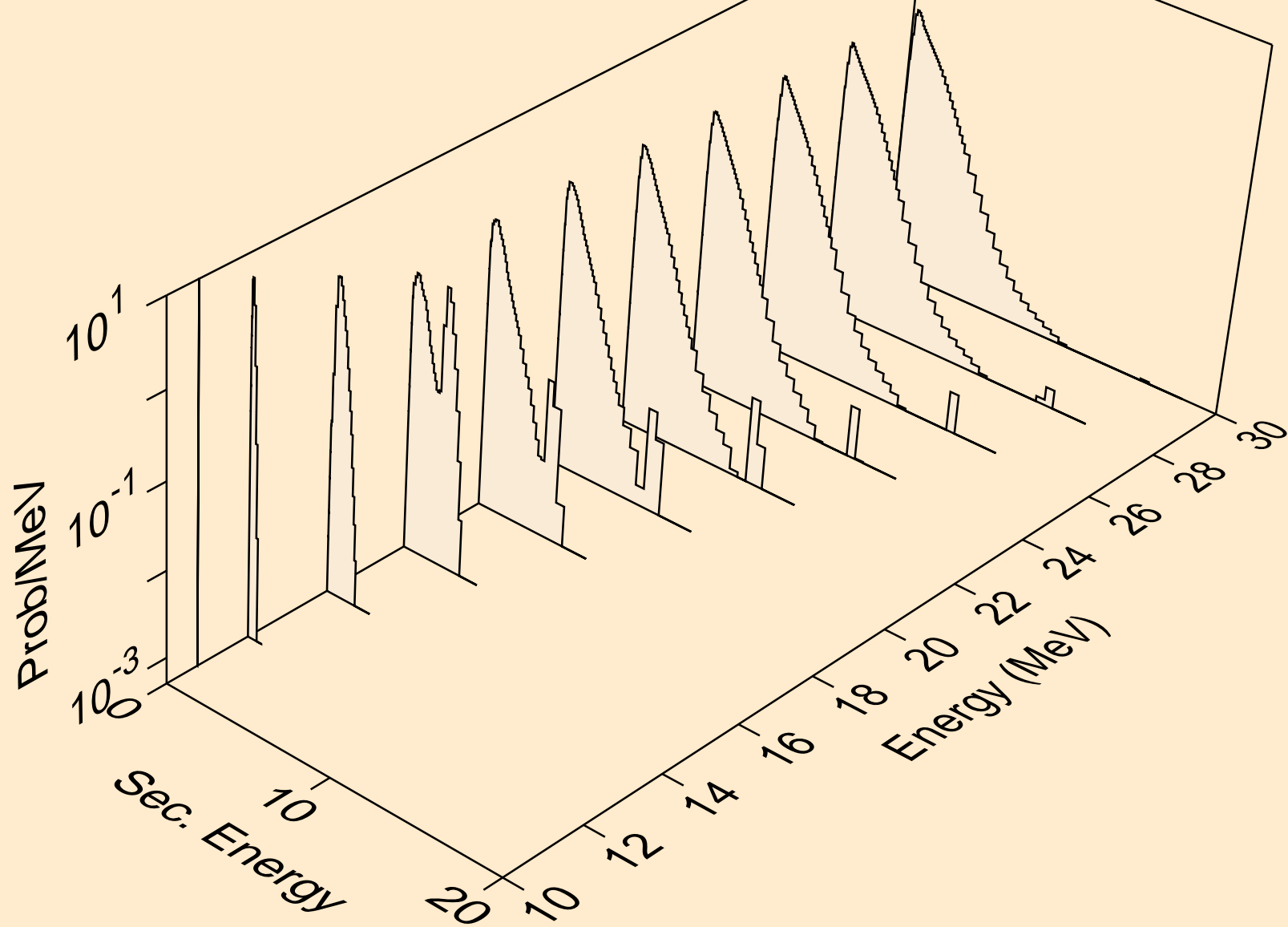
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



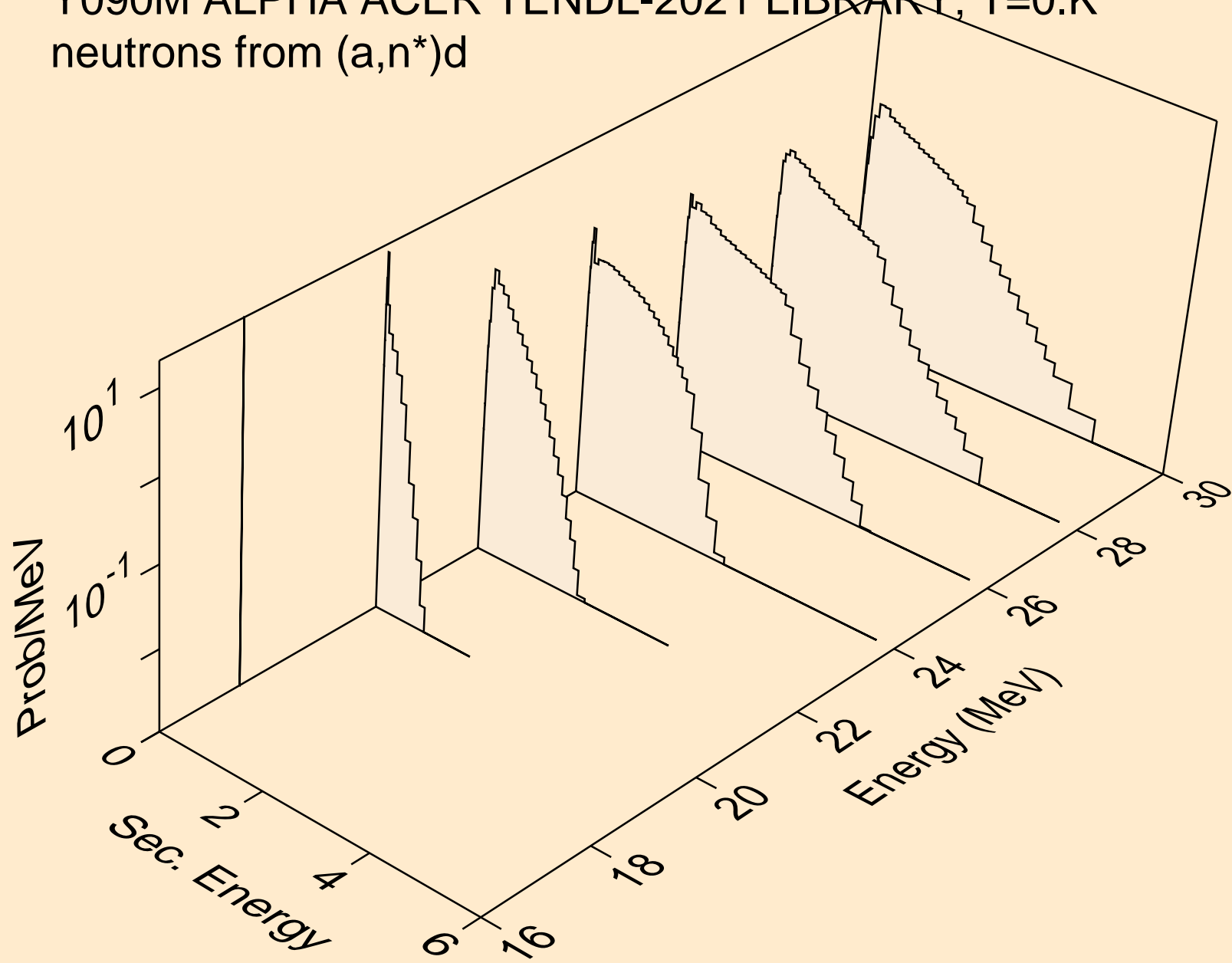
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neutrons from (a,2n)a



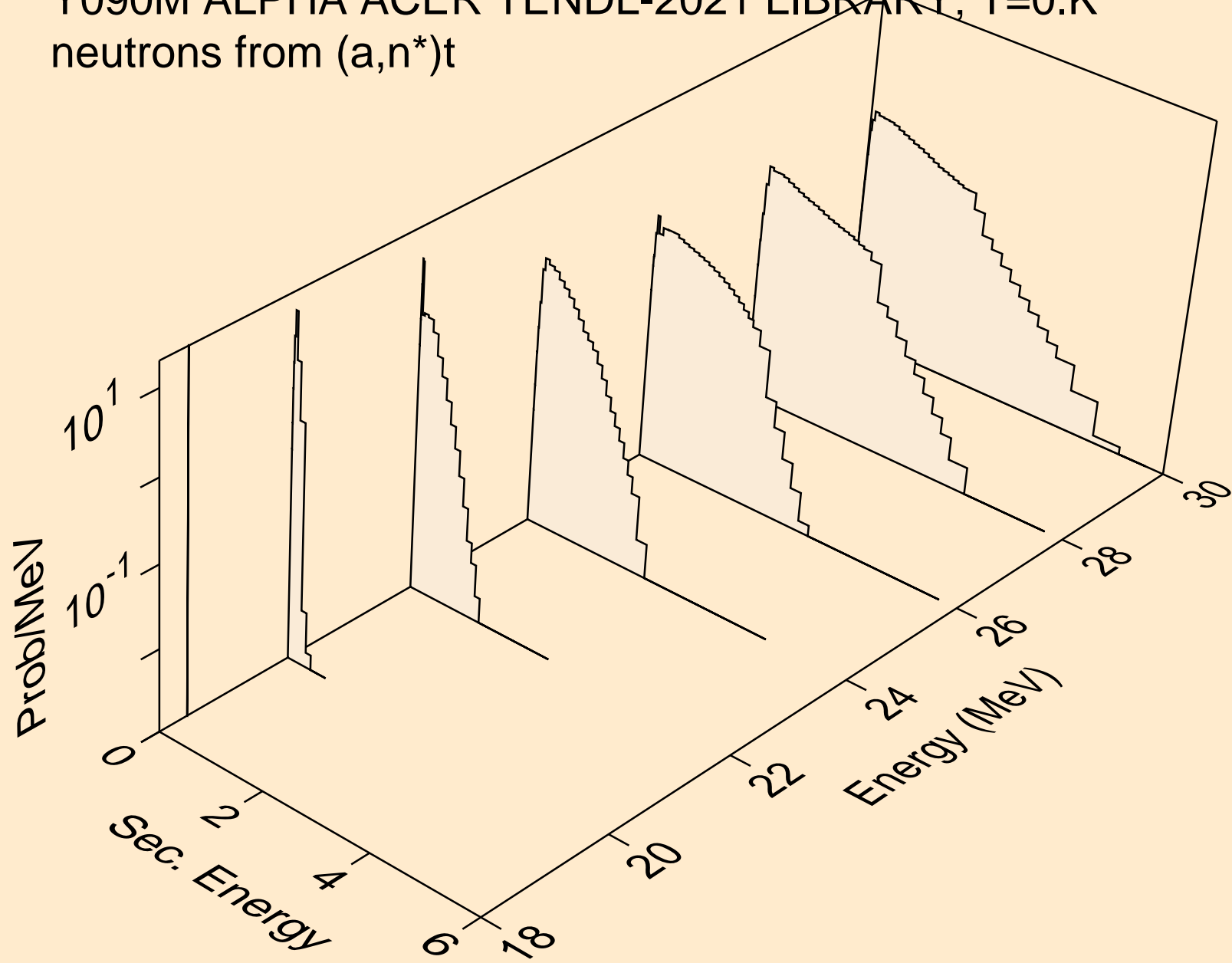
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d

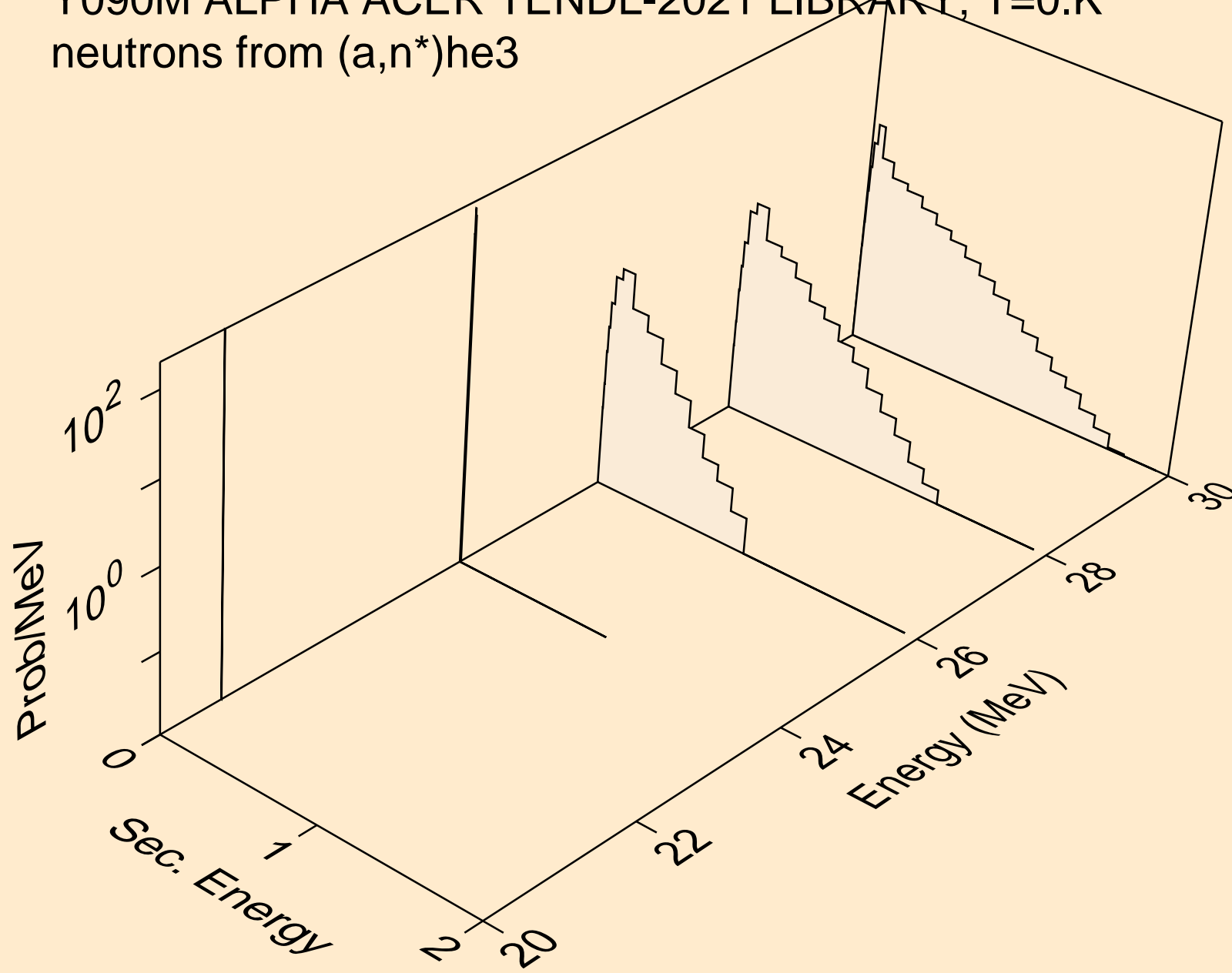


Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t

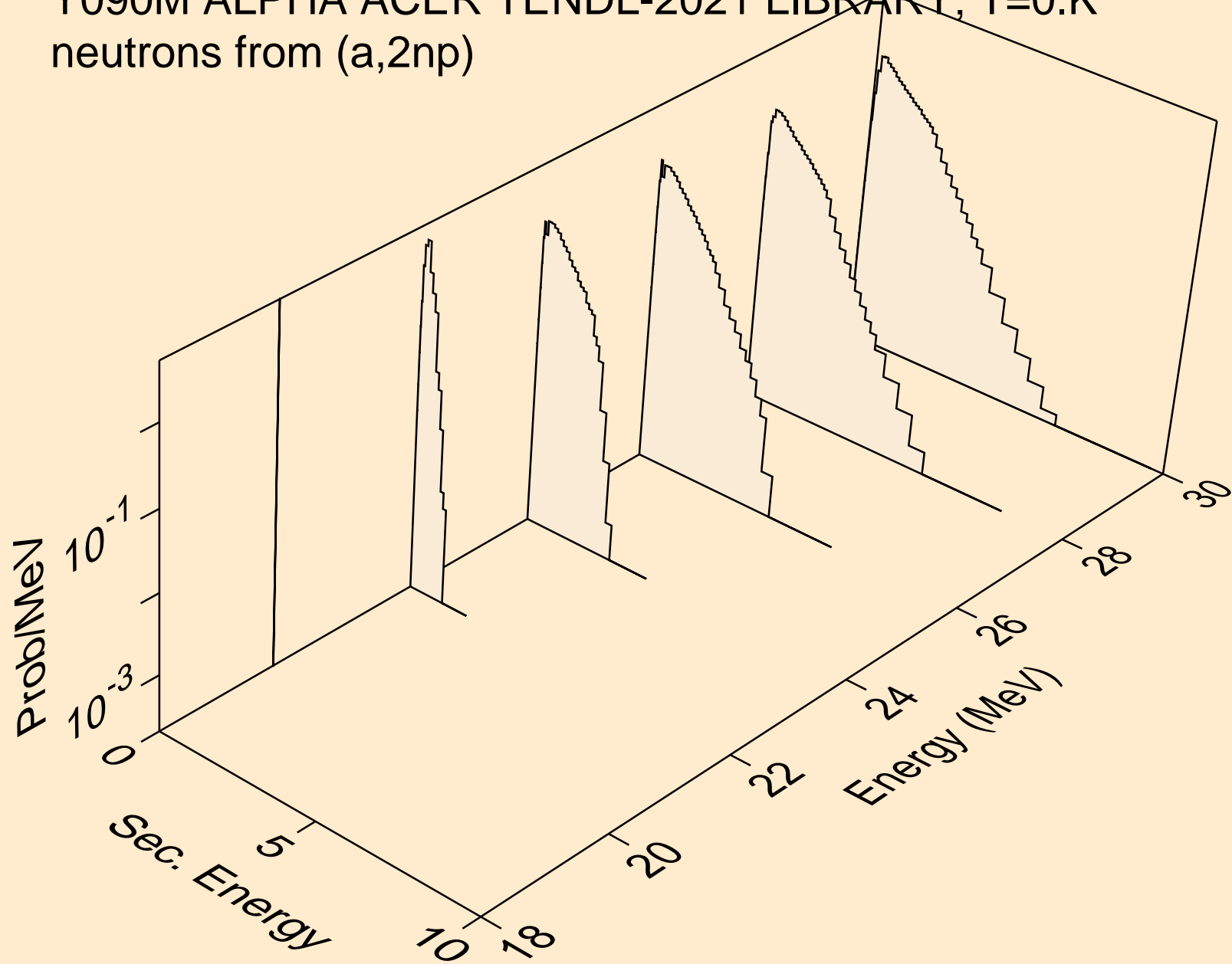




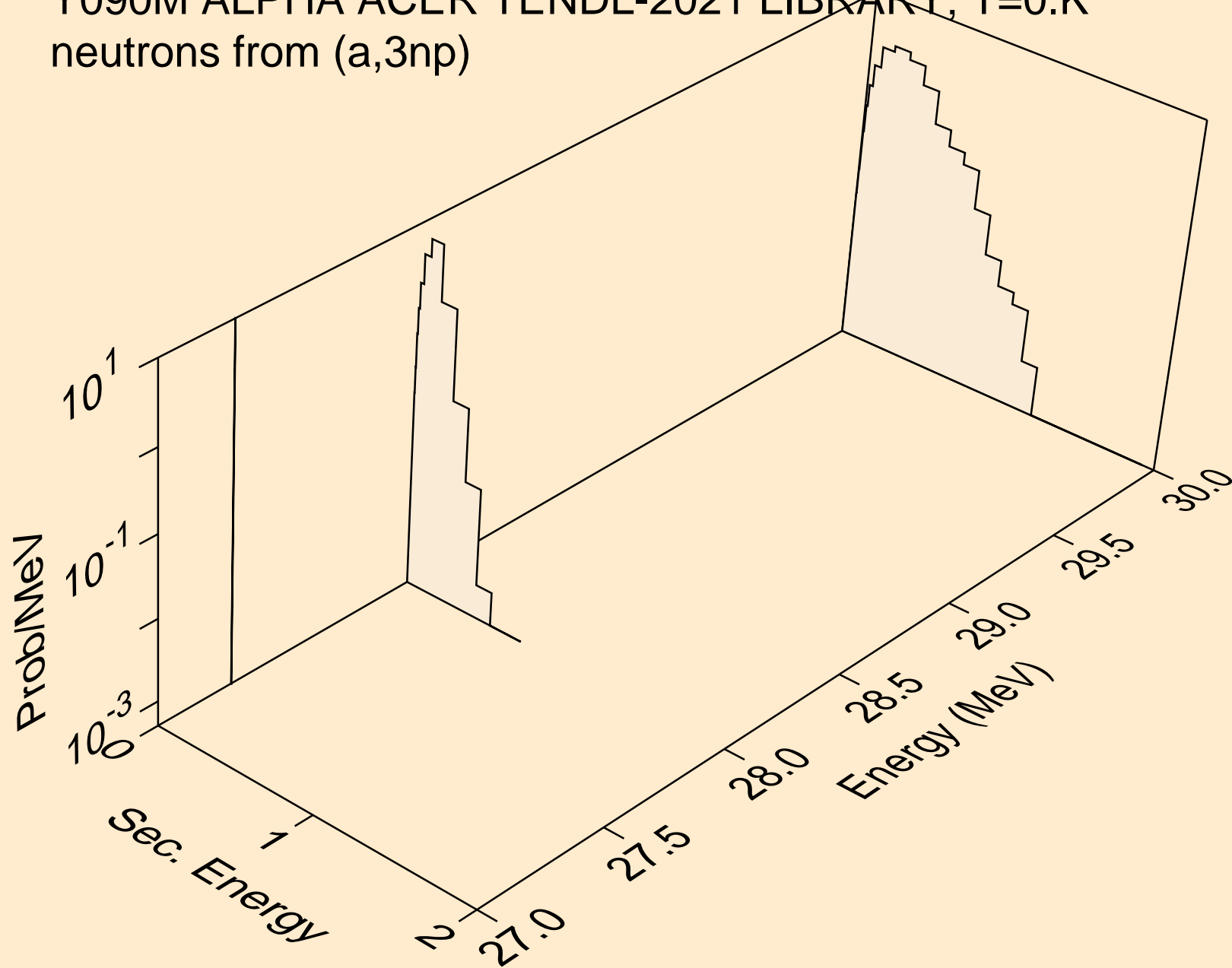
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neutrons from (a,n\*)he3



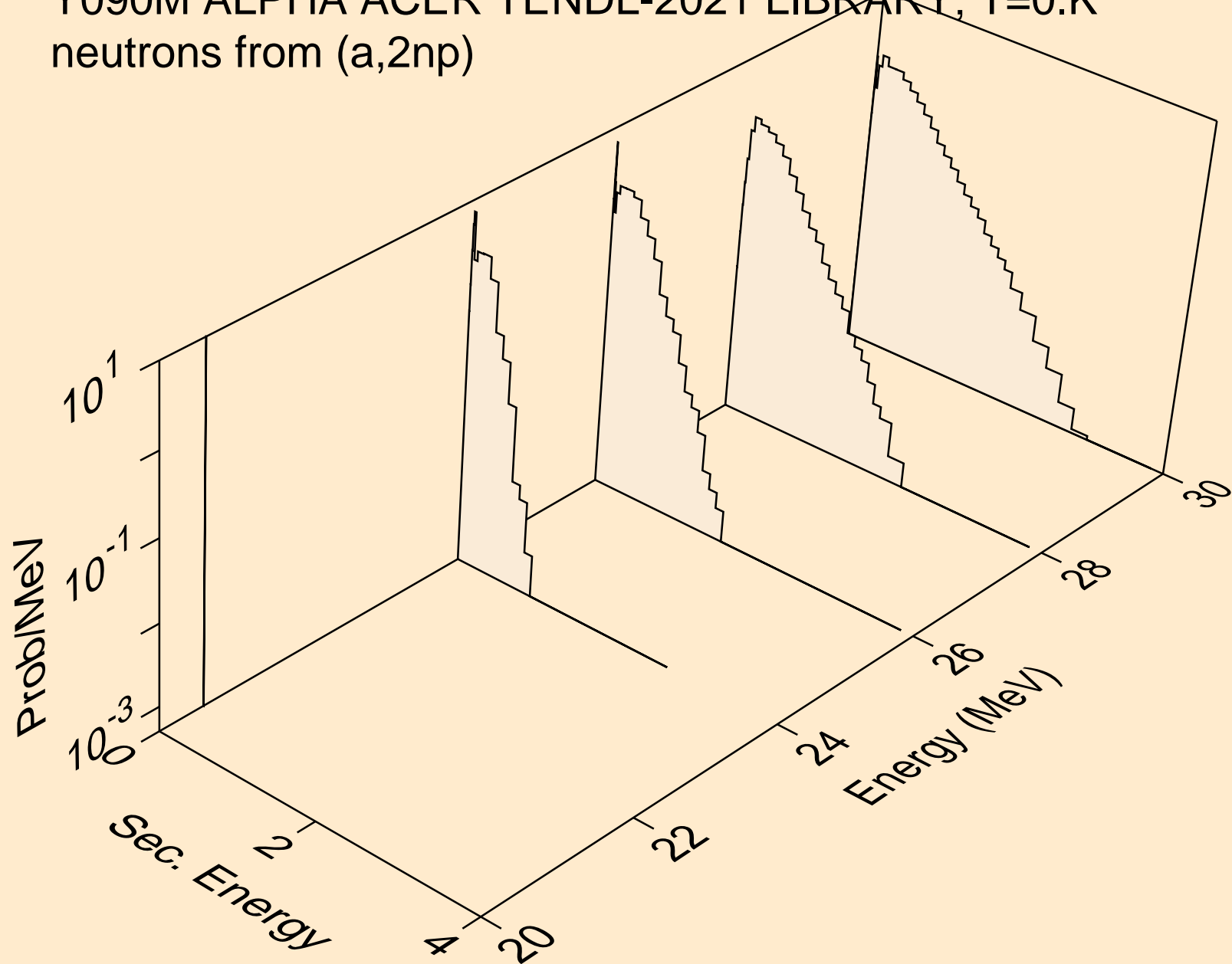
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neutrons from (a,2np)



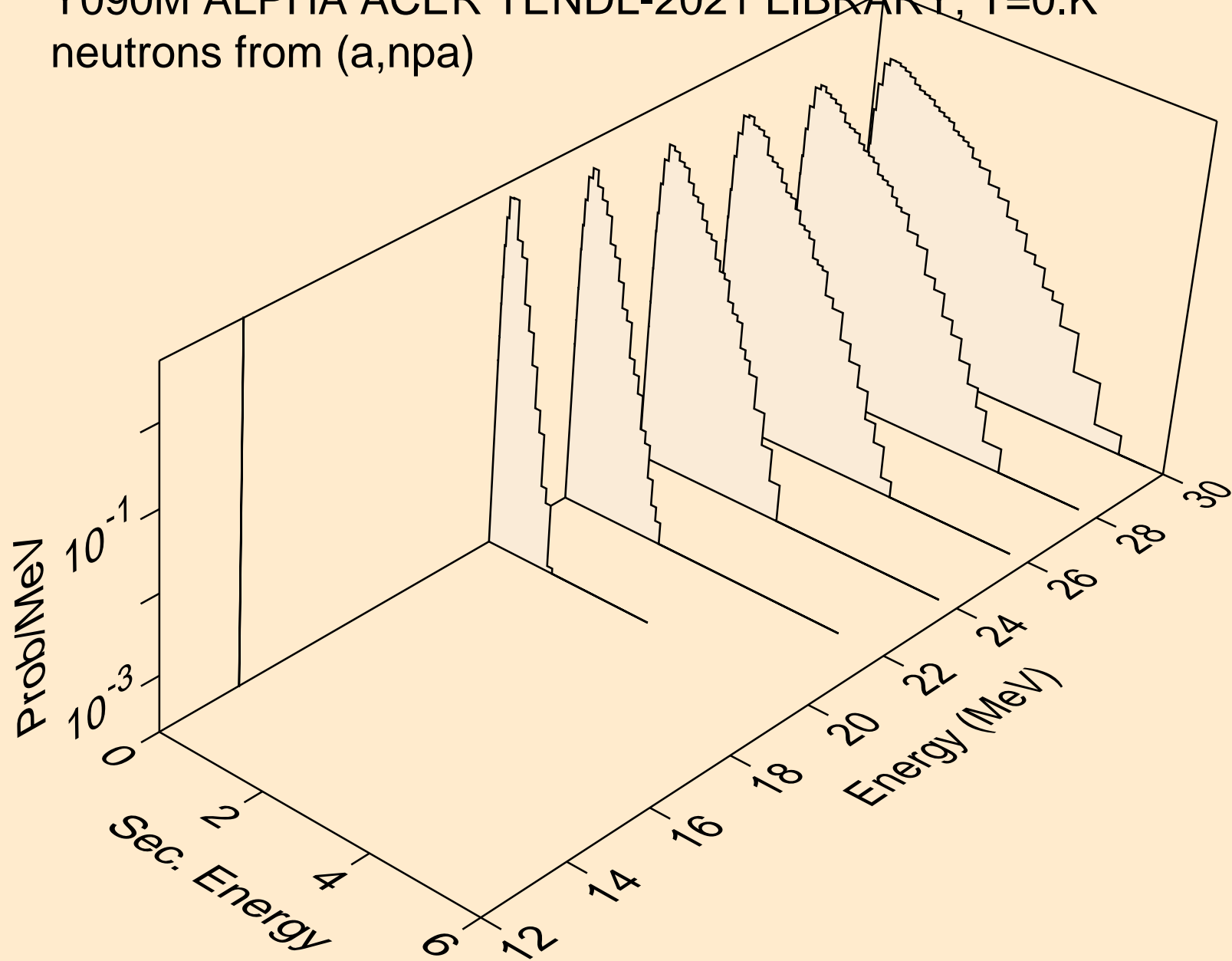
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neutrons from (a,3np)



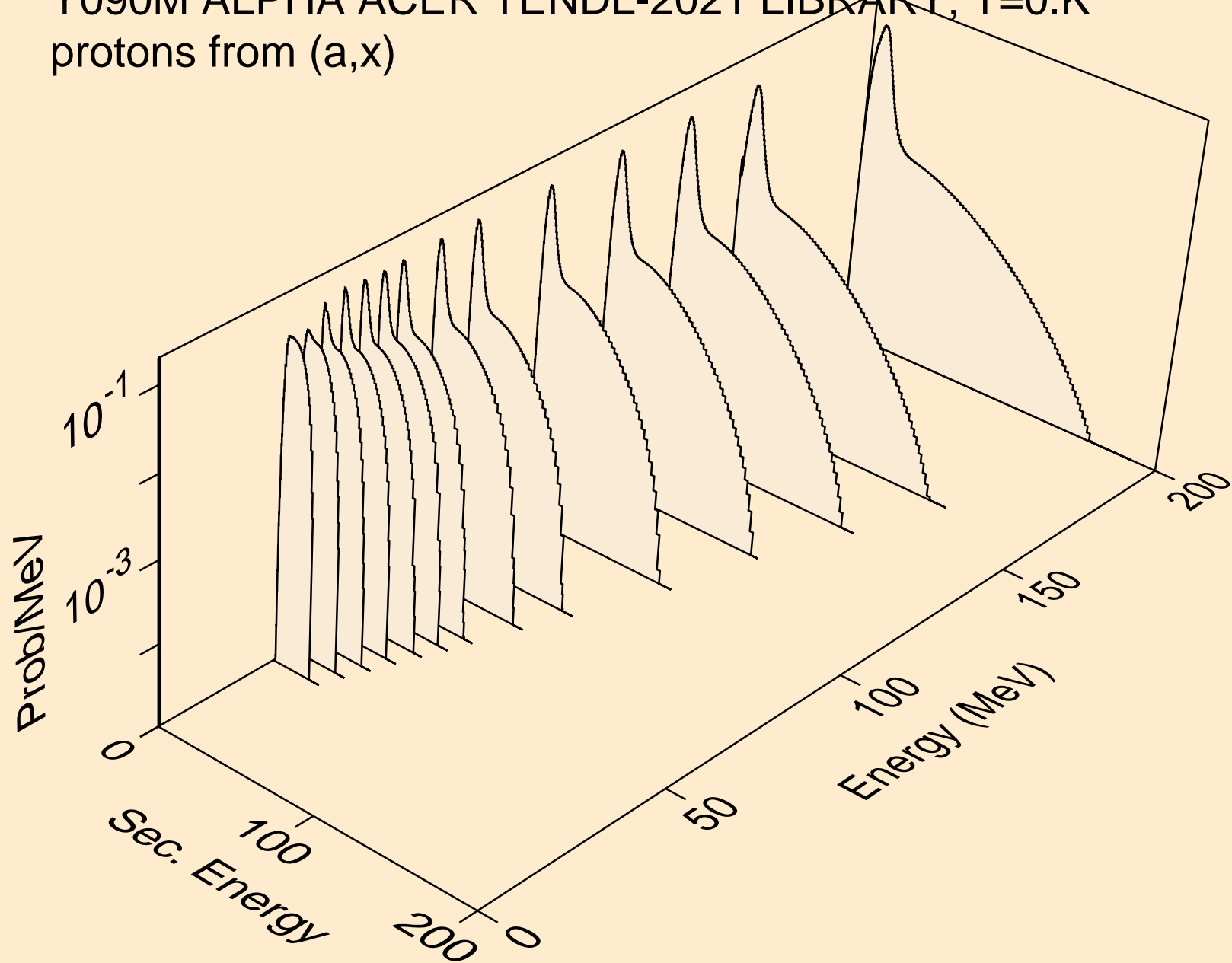
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neutrons from (a,2np)



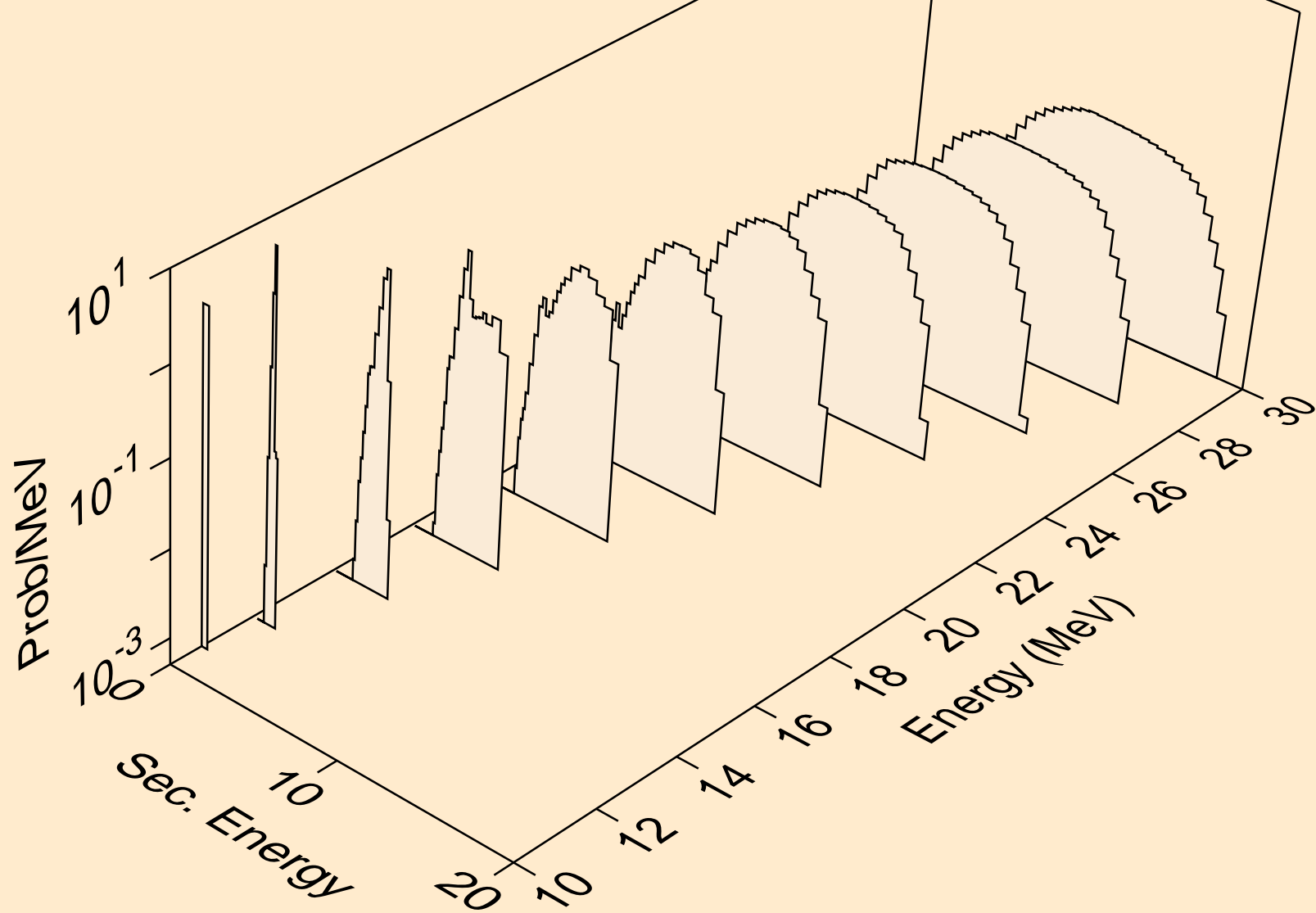
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neutrons from (a,npa)



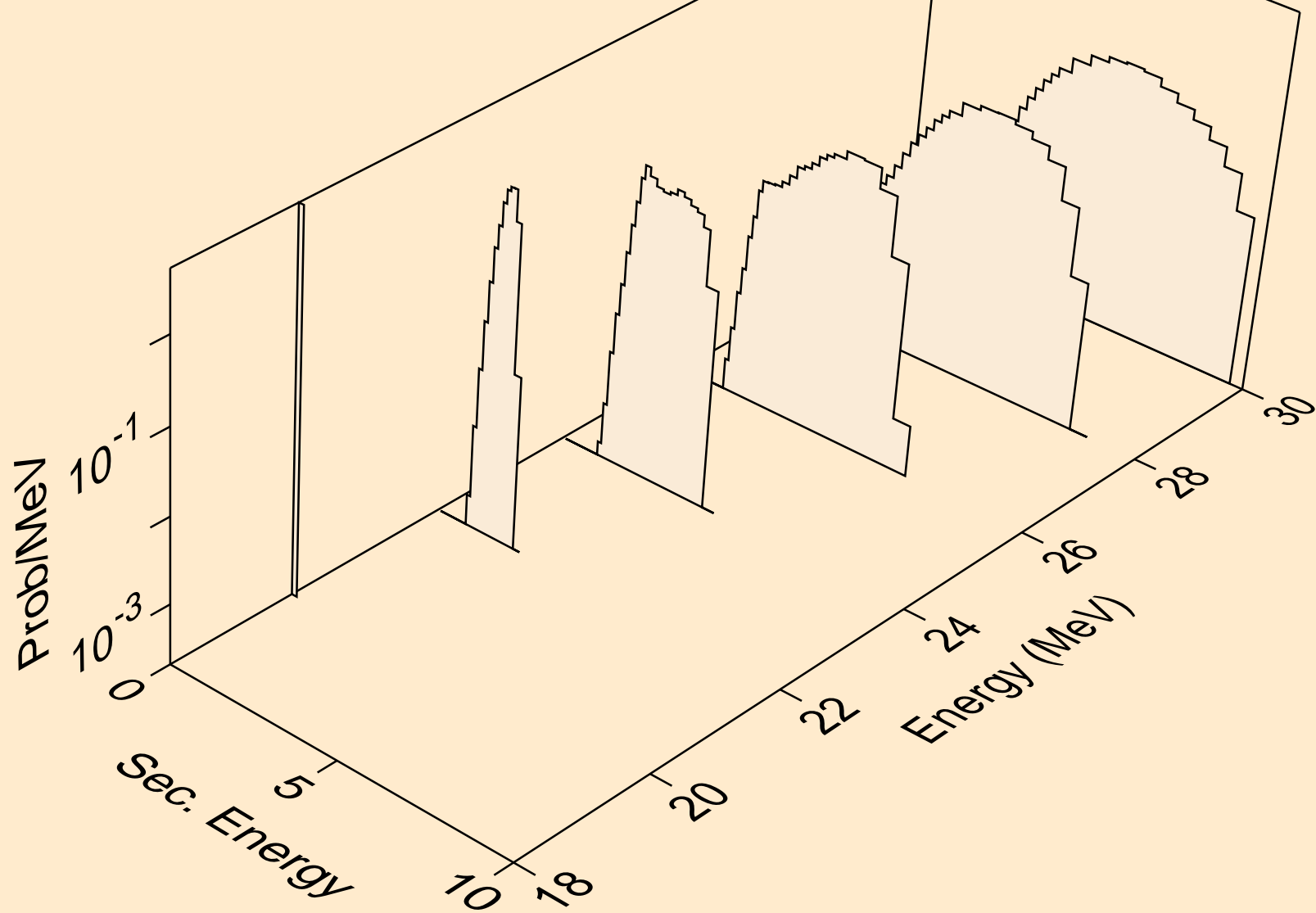
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p

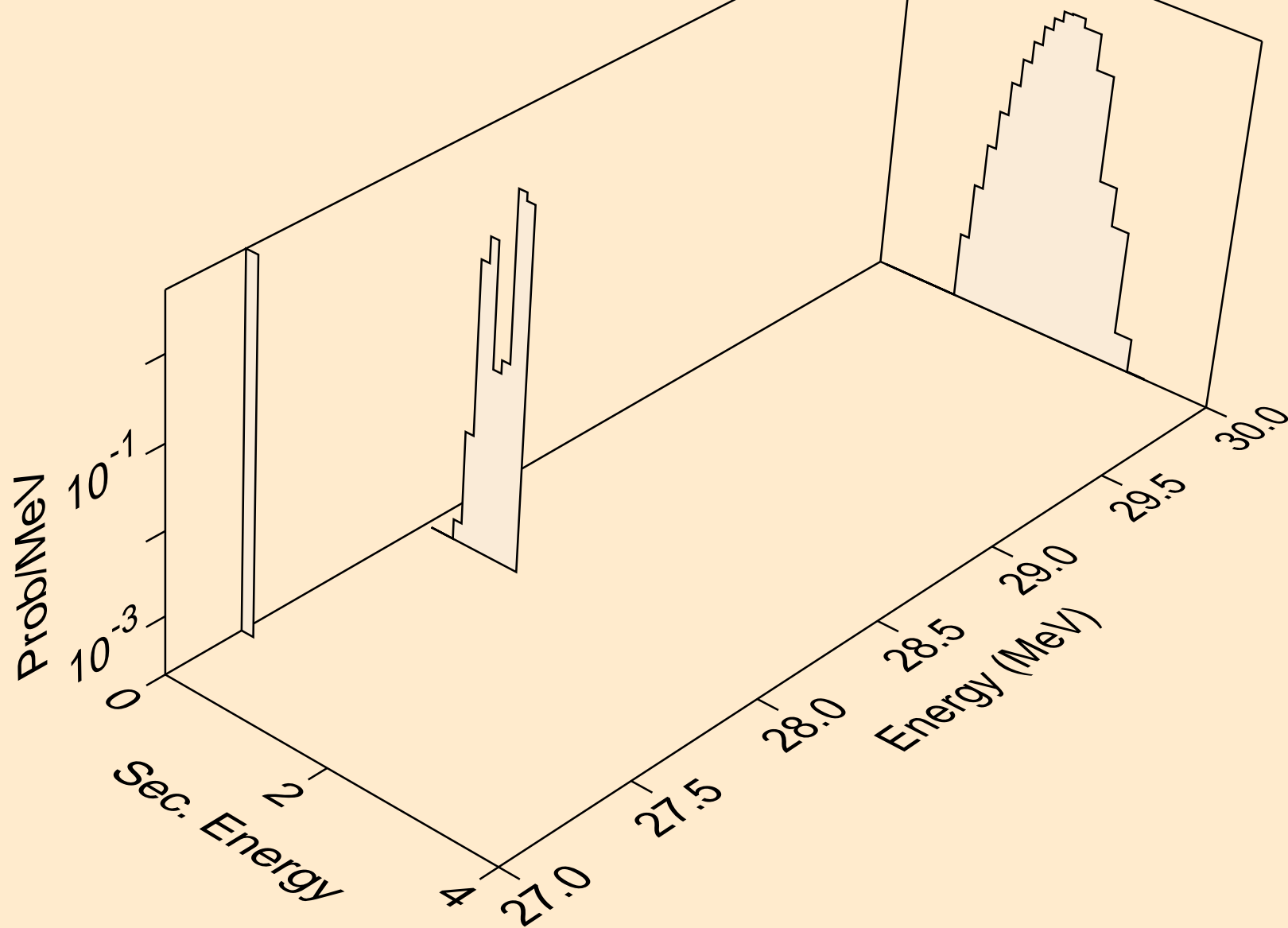


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protons from (a,2np)

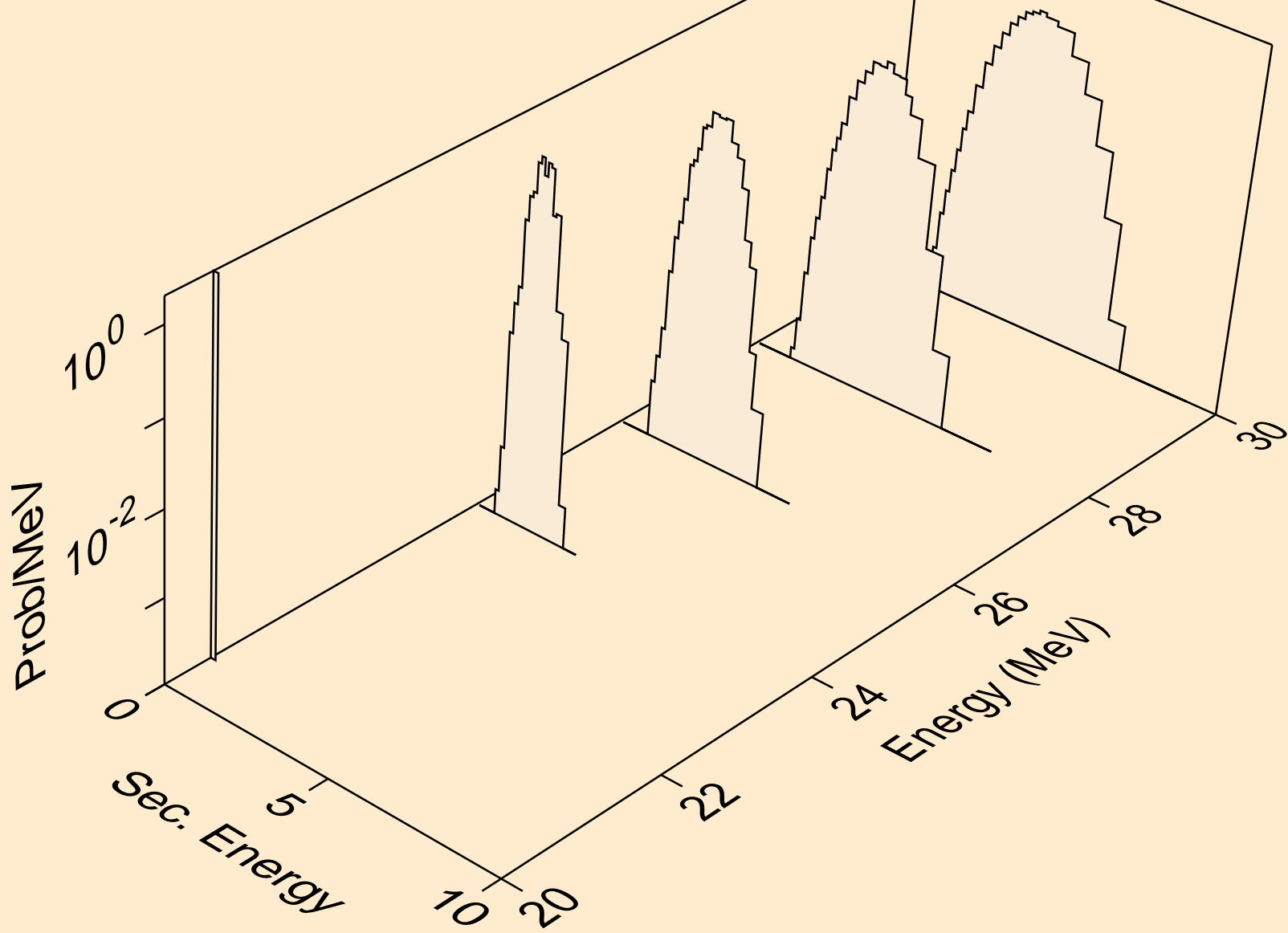




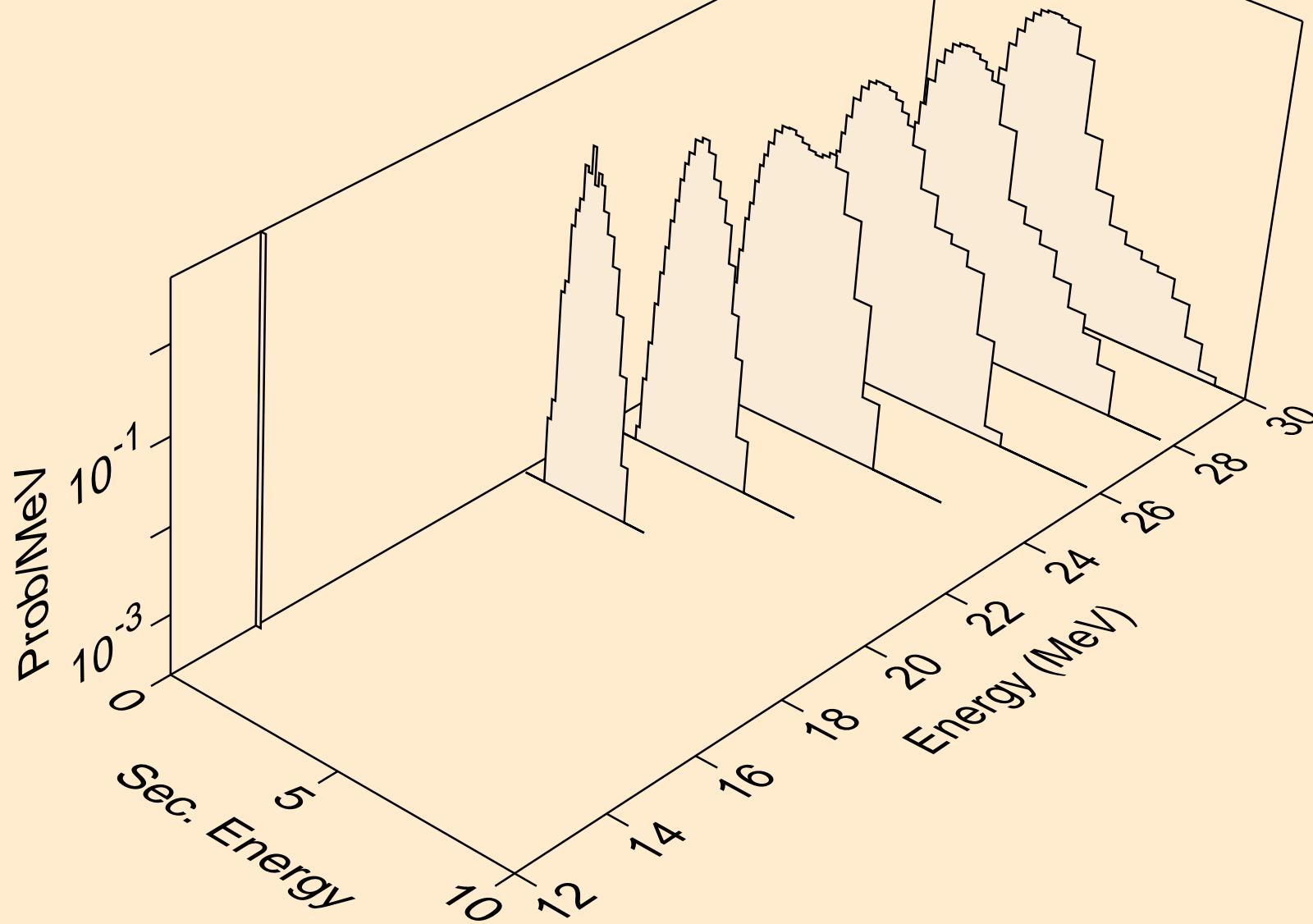
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,3np)



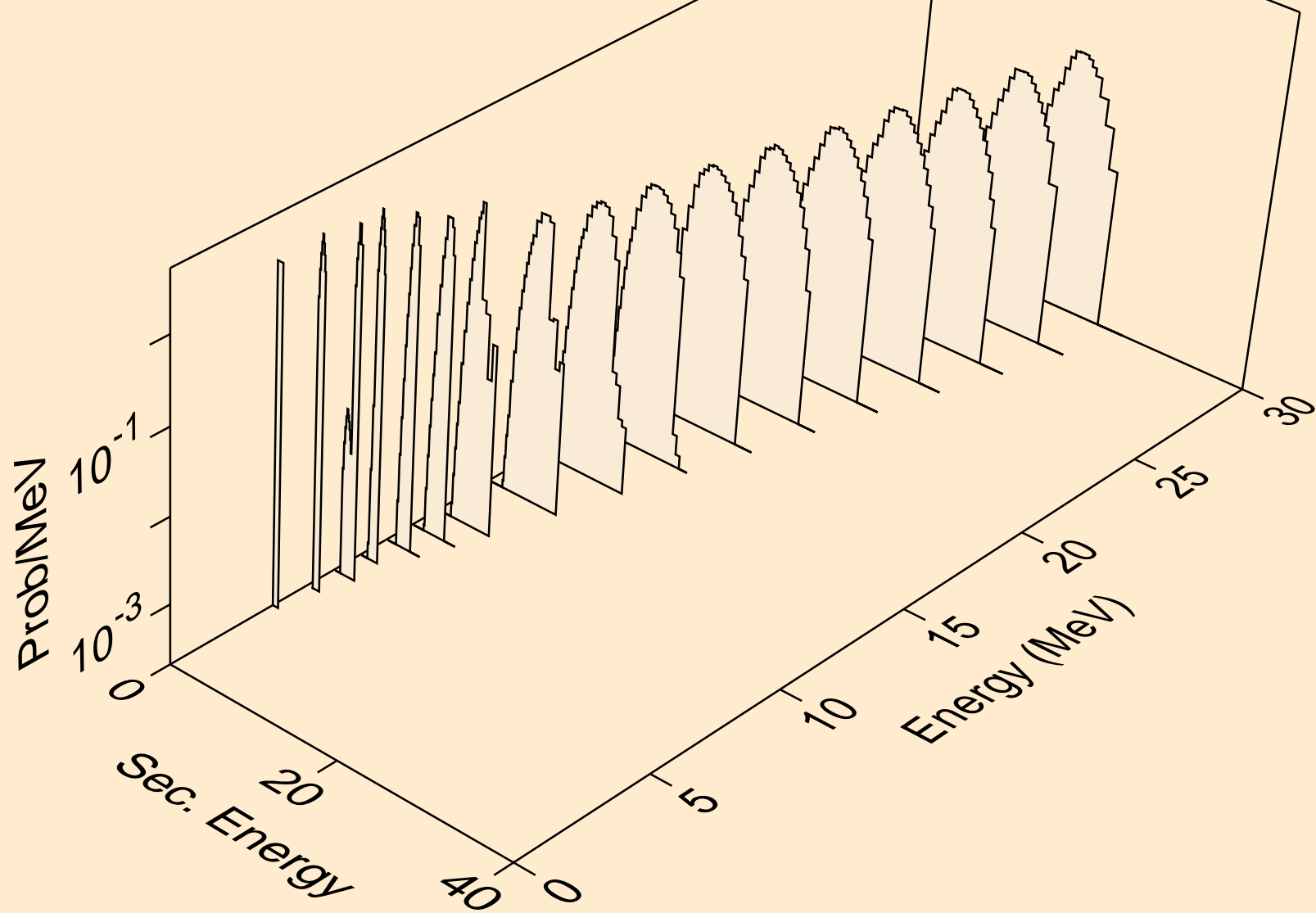
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protons from (a,2np)



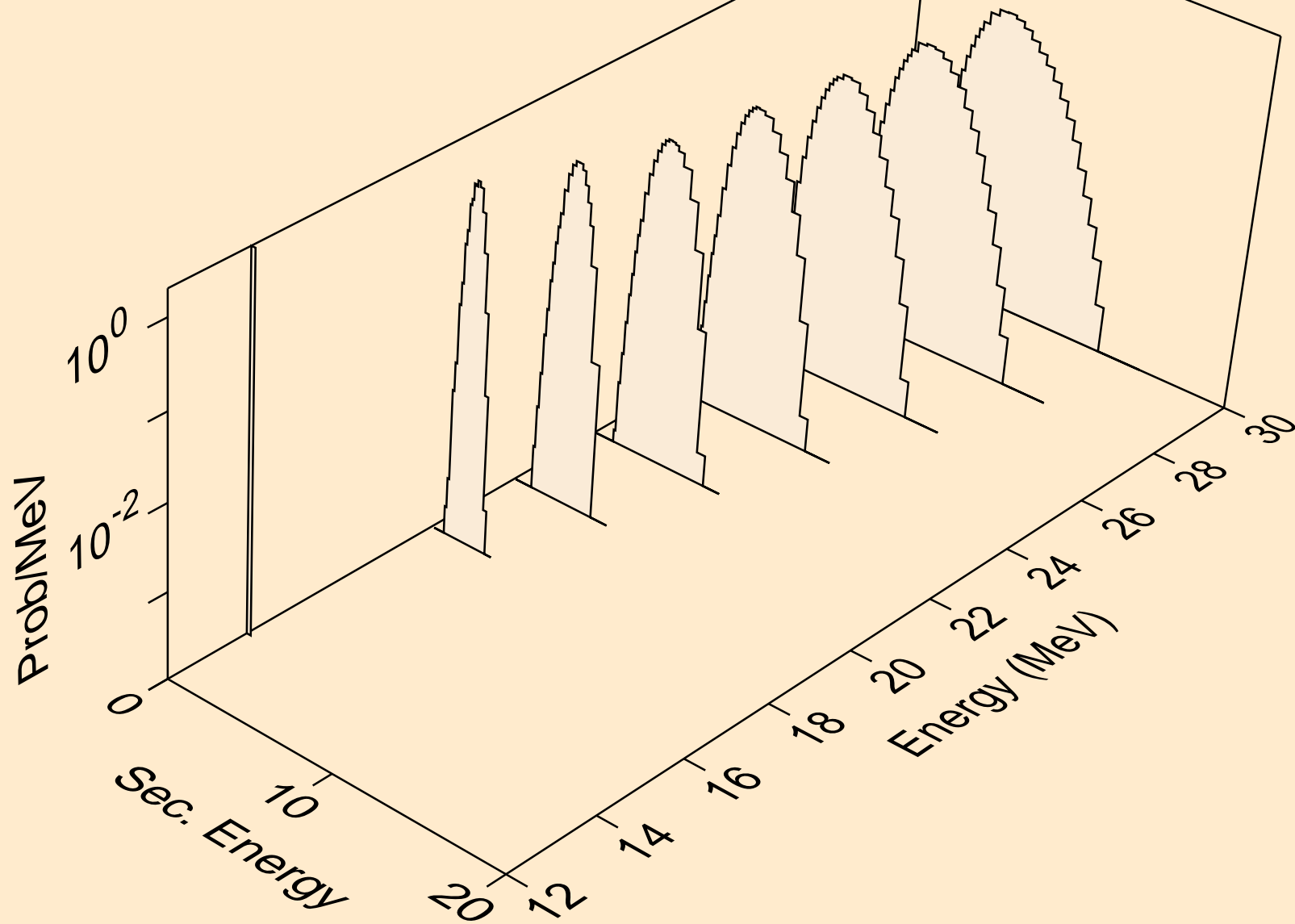
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protons from (a,npa)



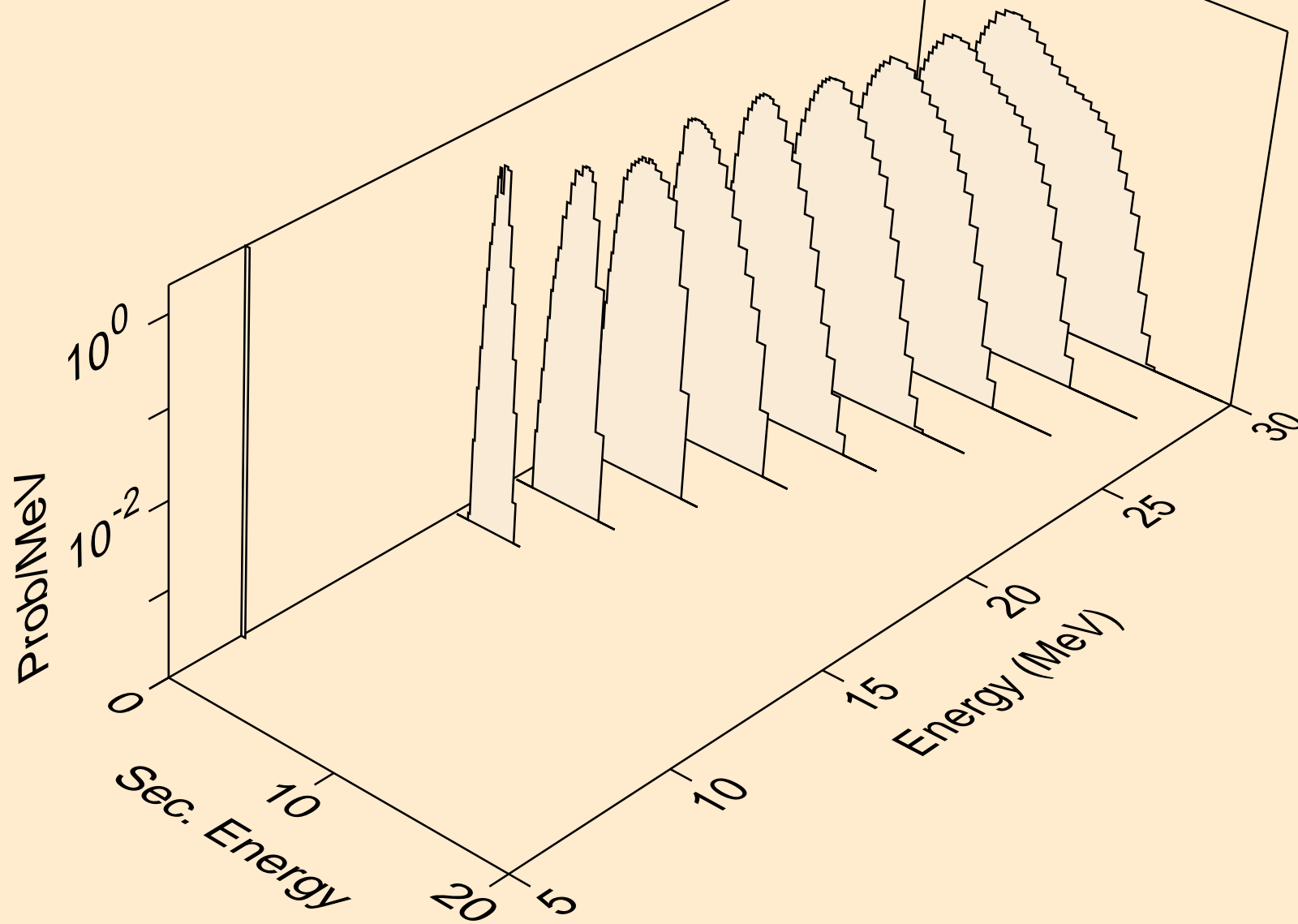
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protons from (a,p)



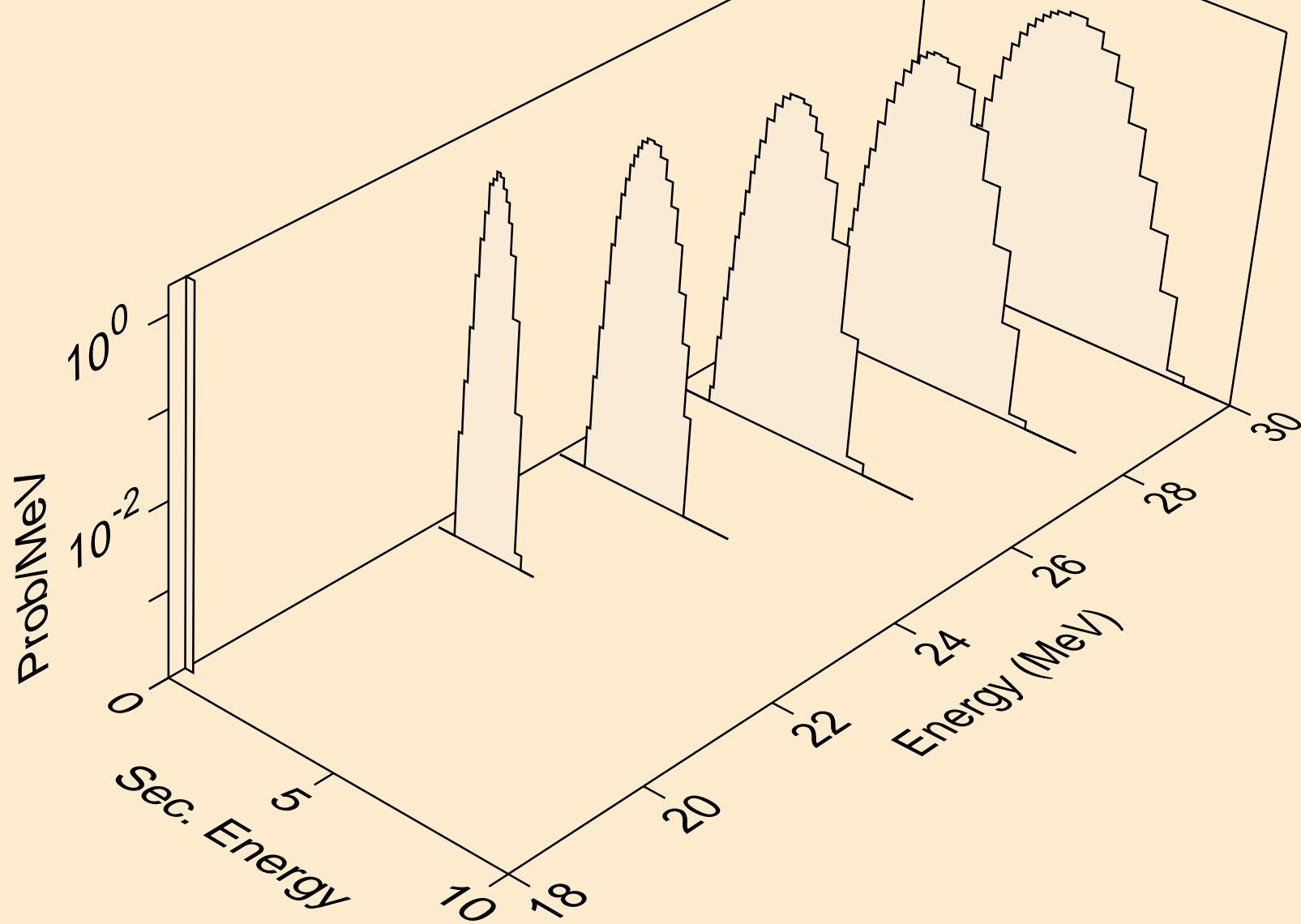
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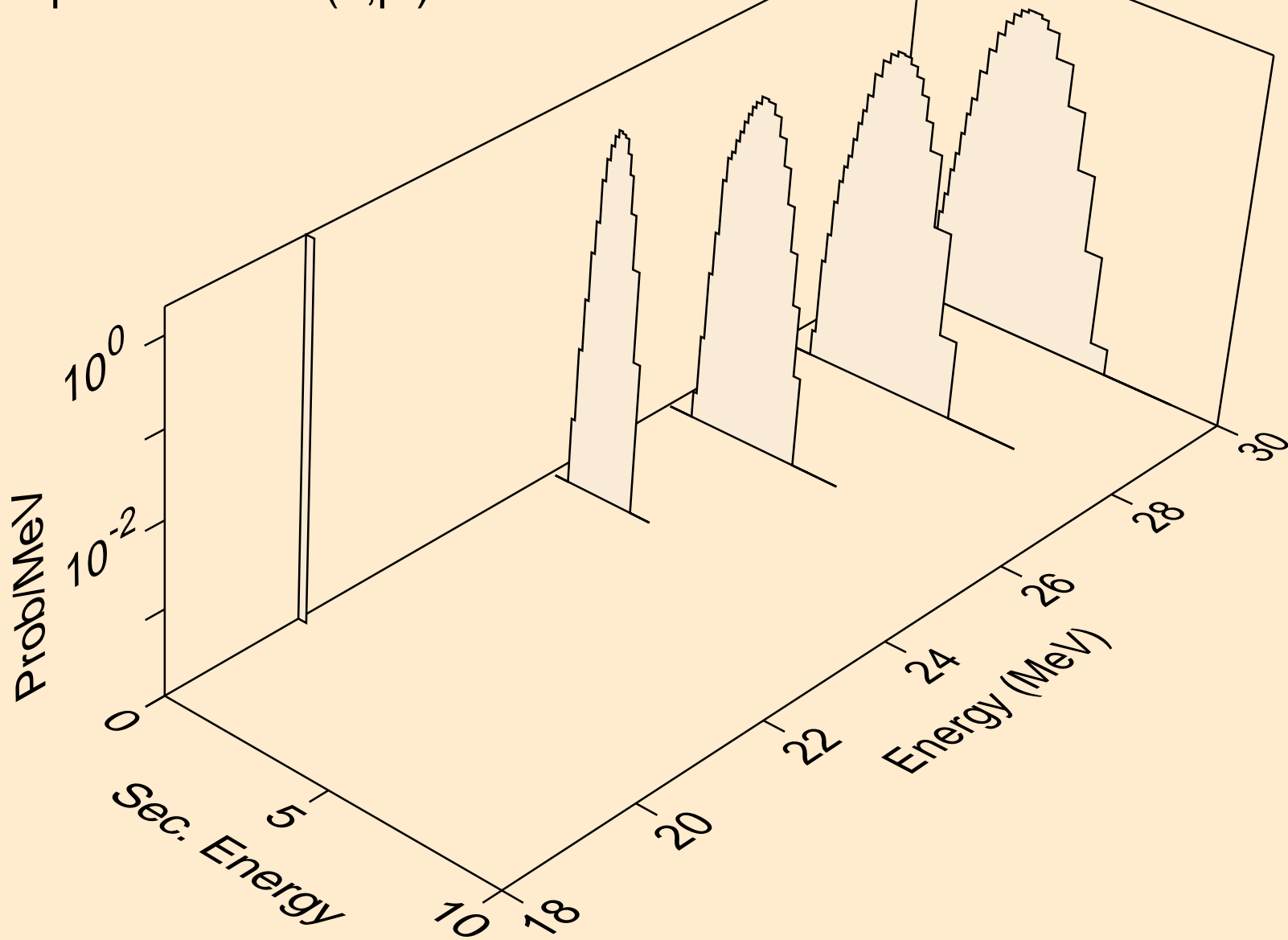
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protons from (a,pa)



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
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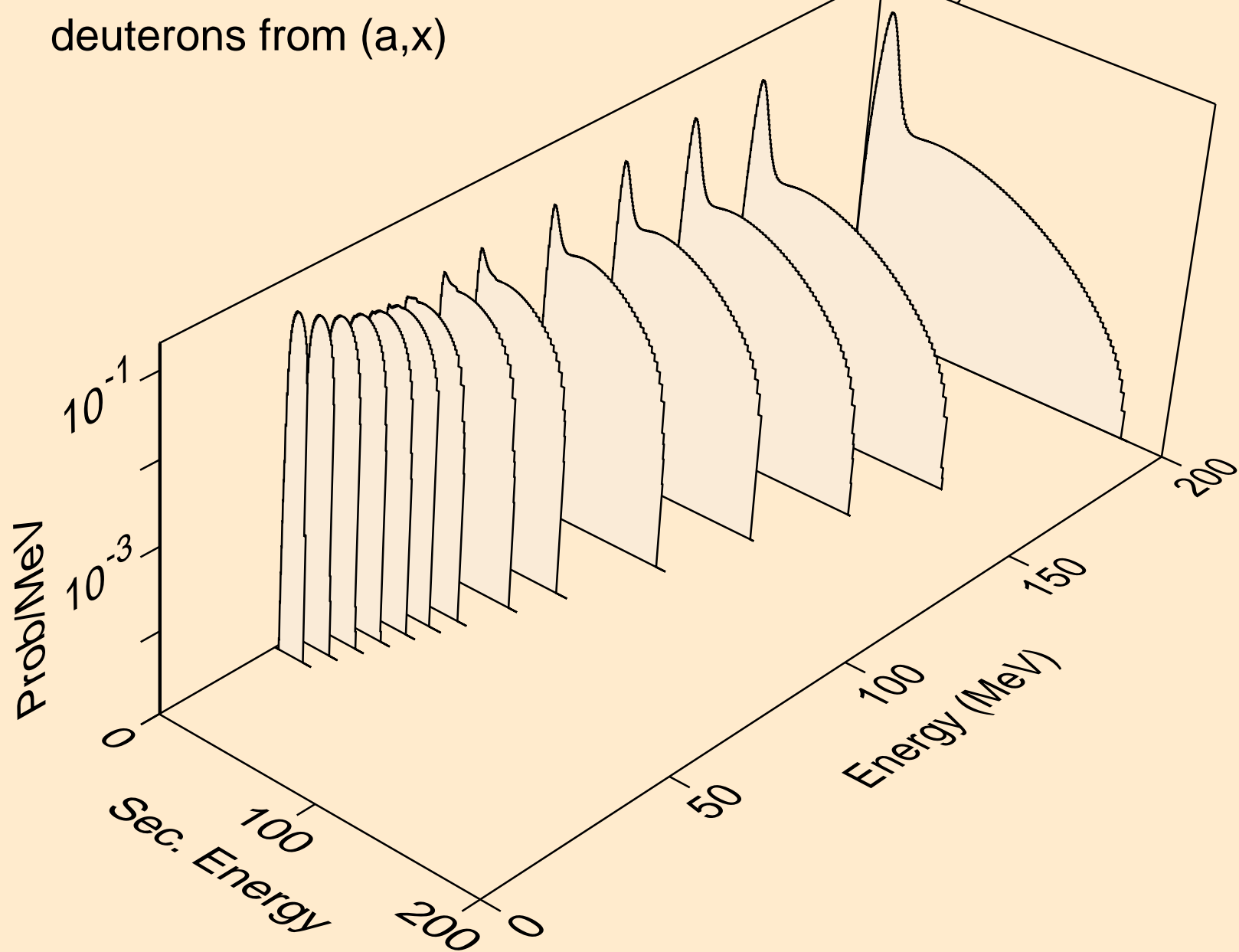


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protons from (a,pt)

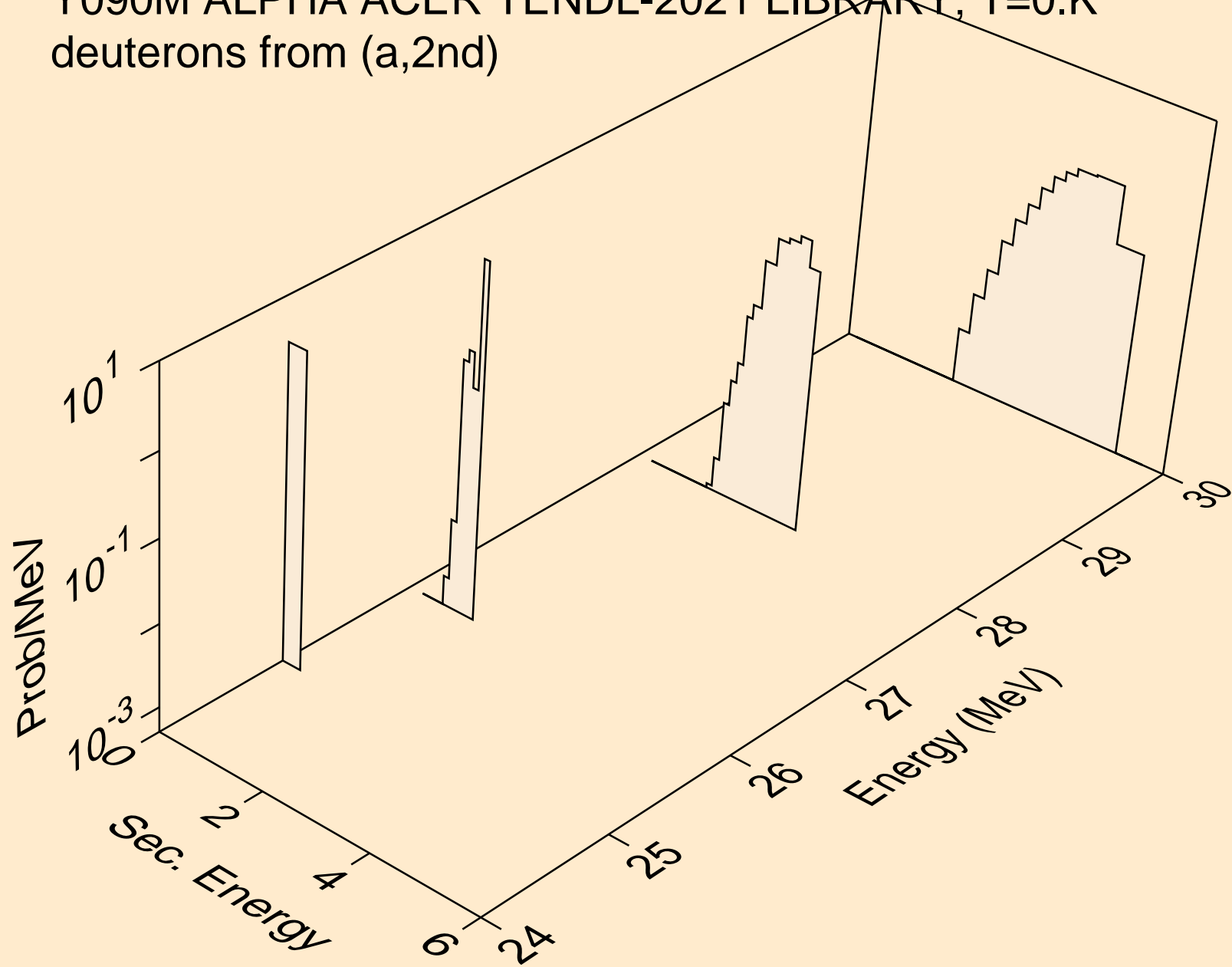




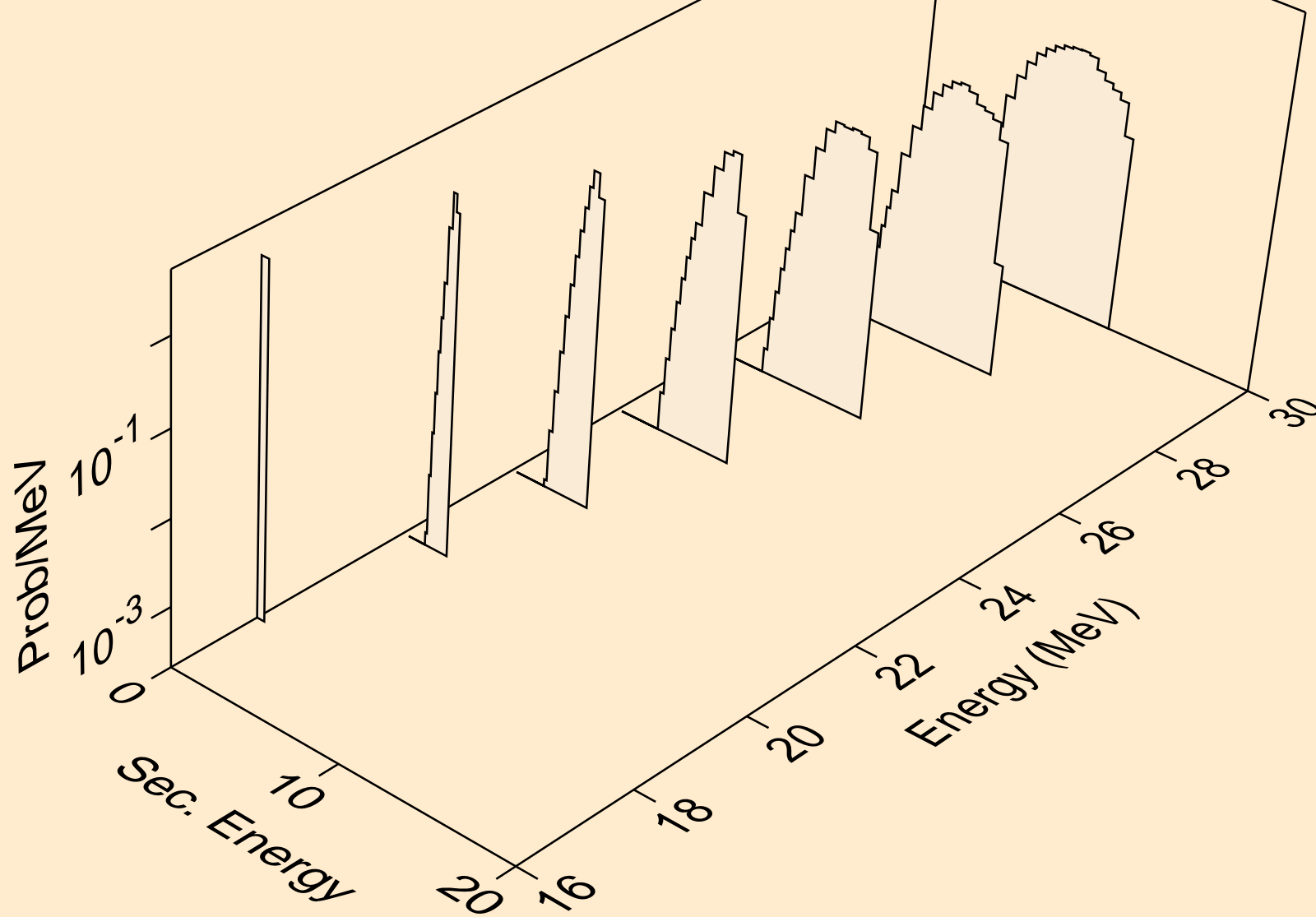
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deuterons from (a,x)



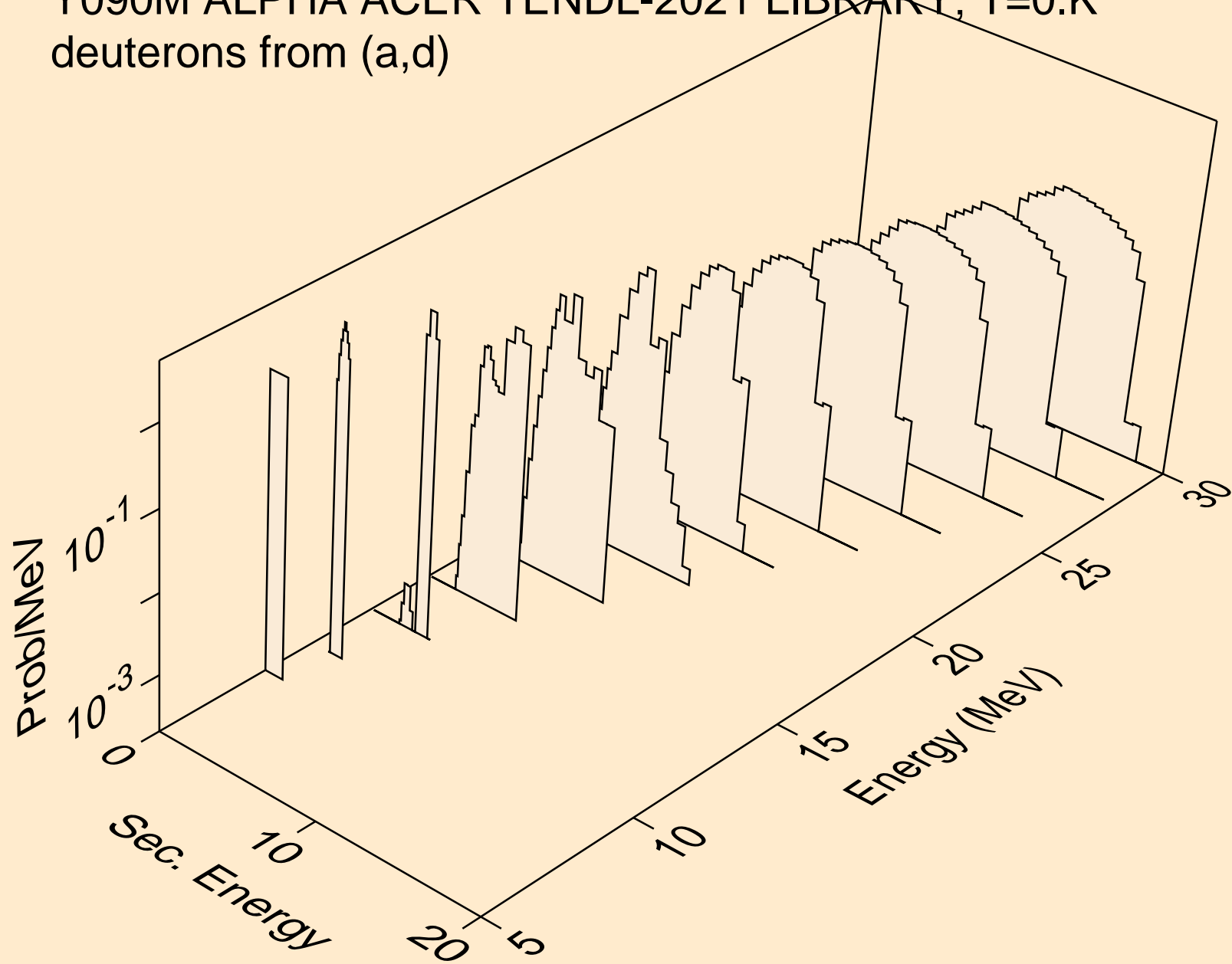
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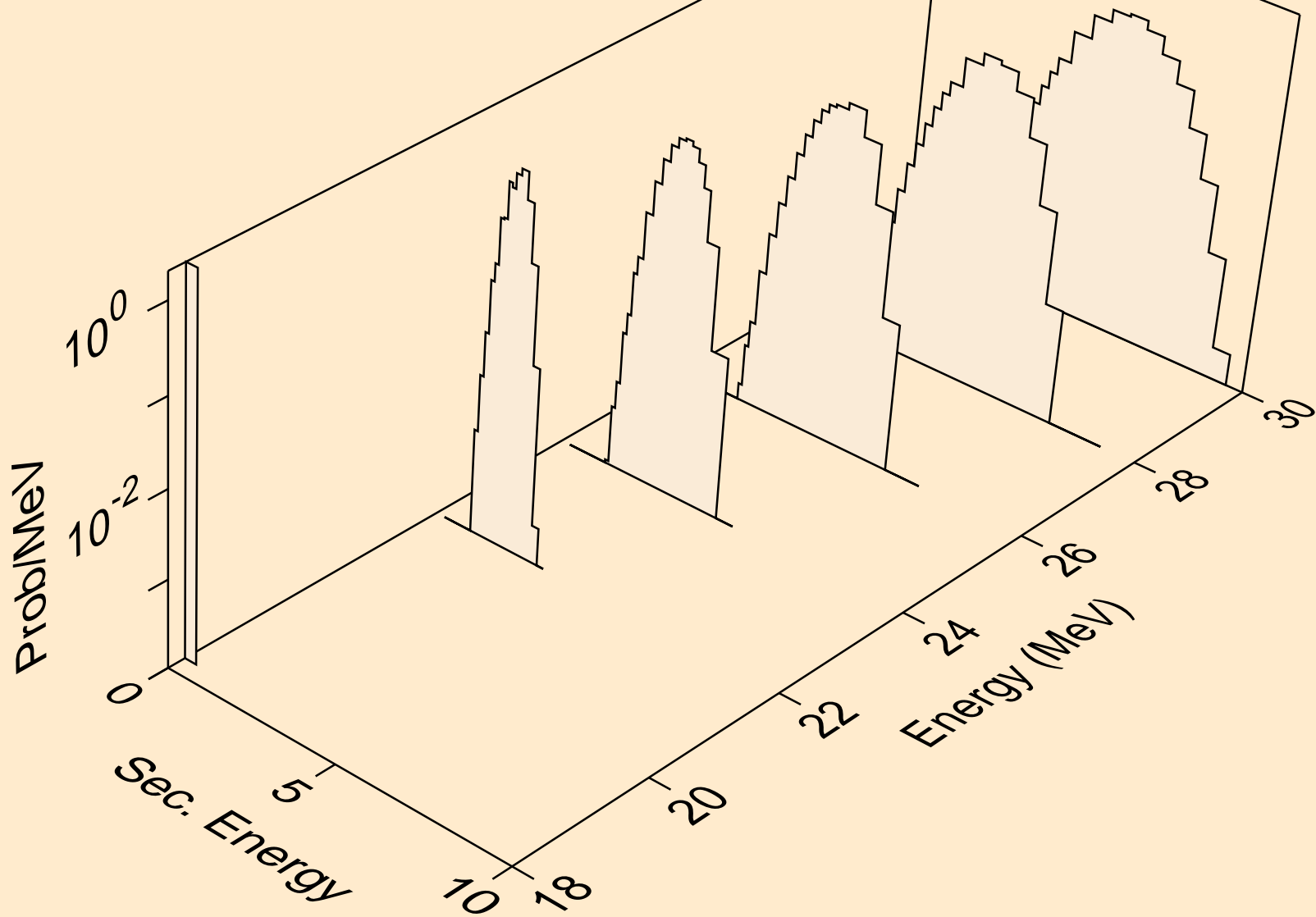
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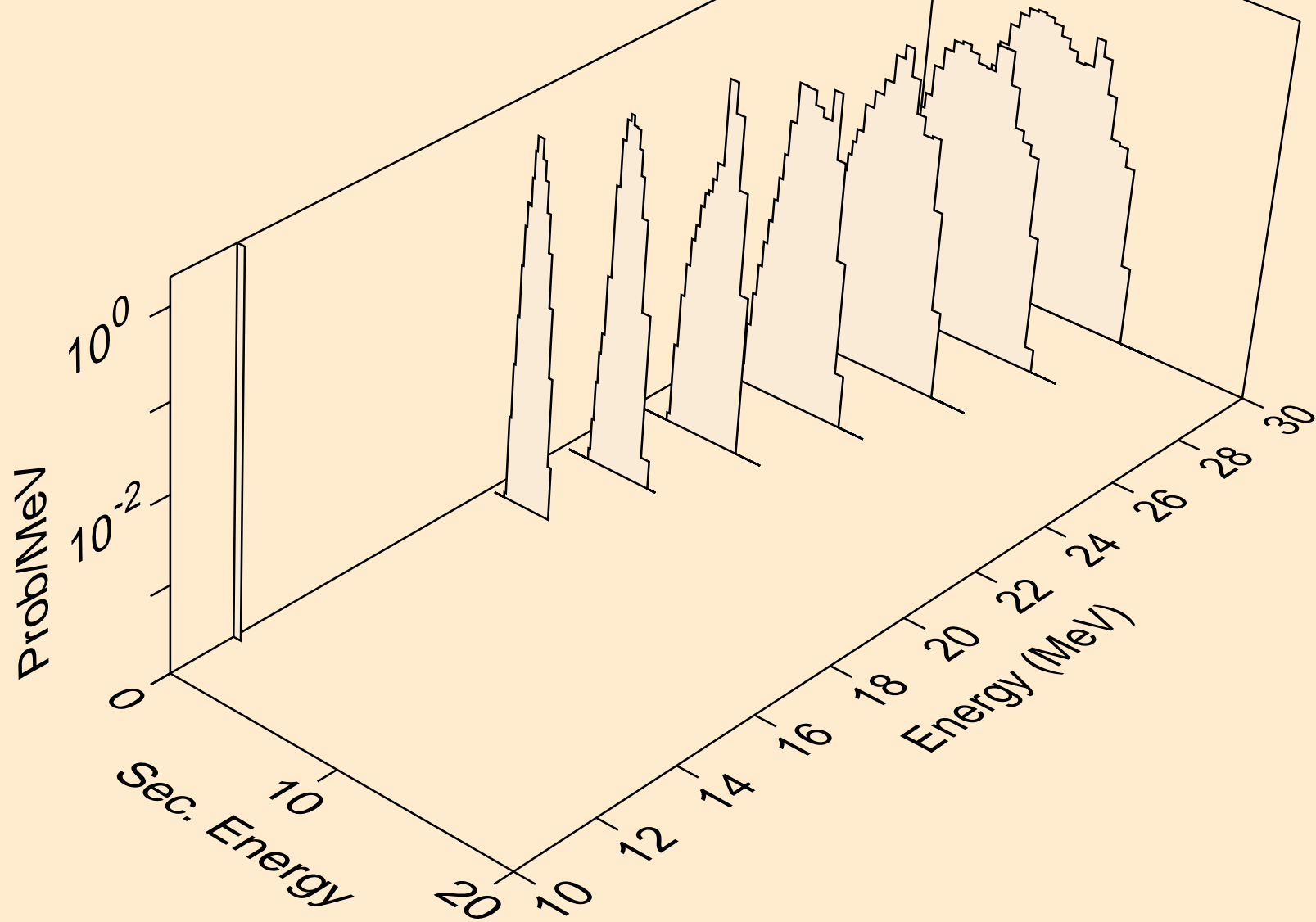
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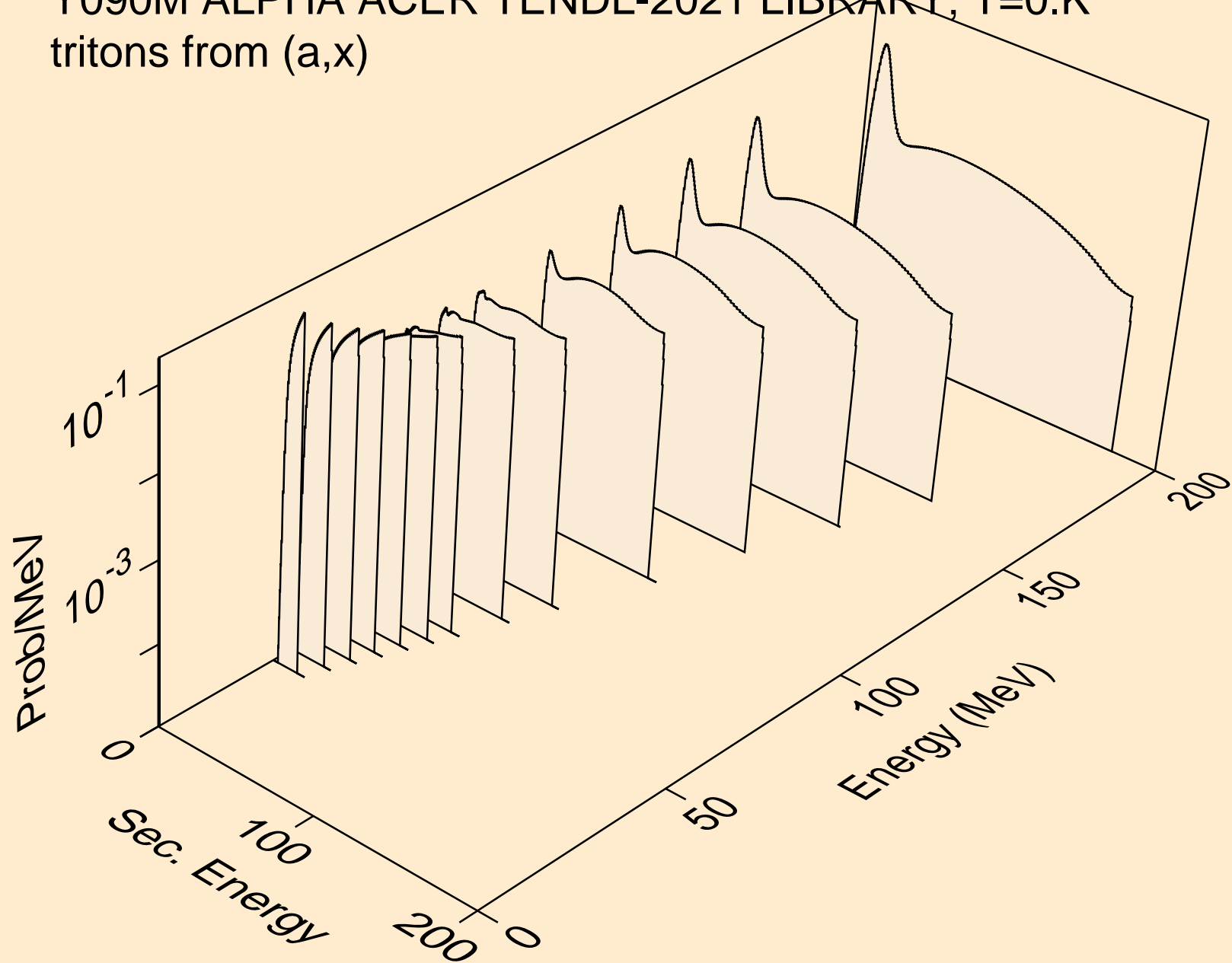
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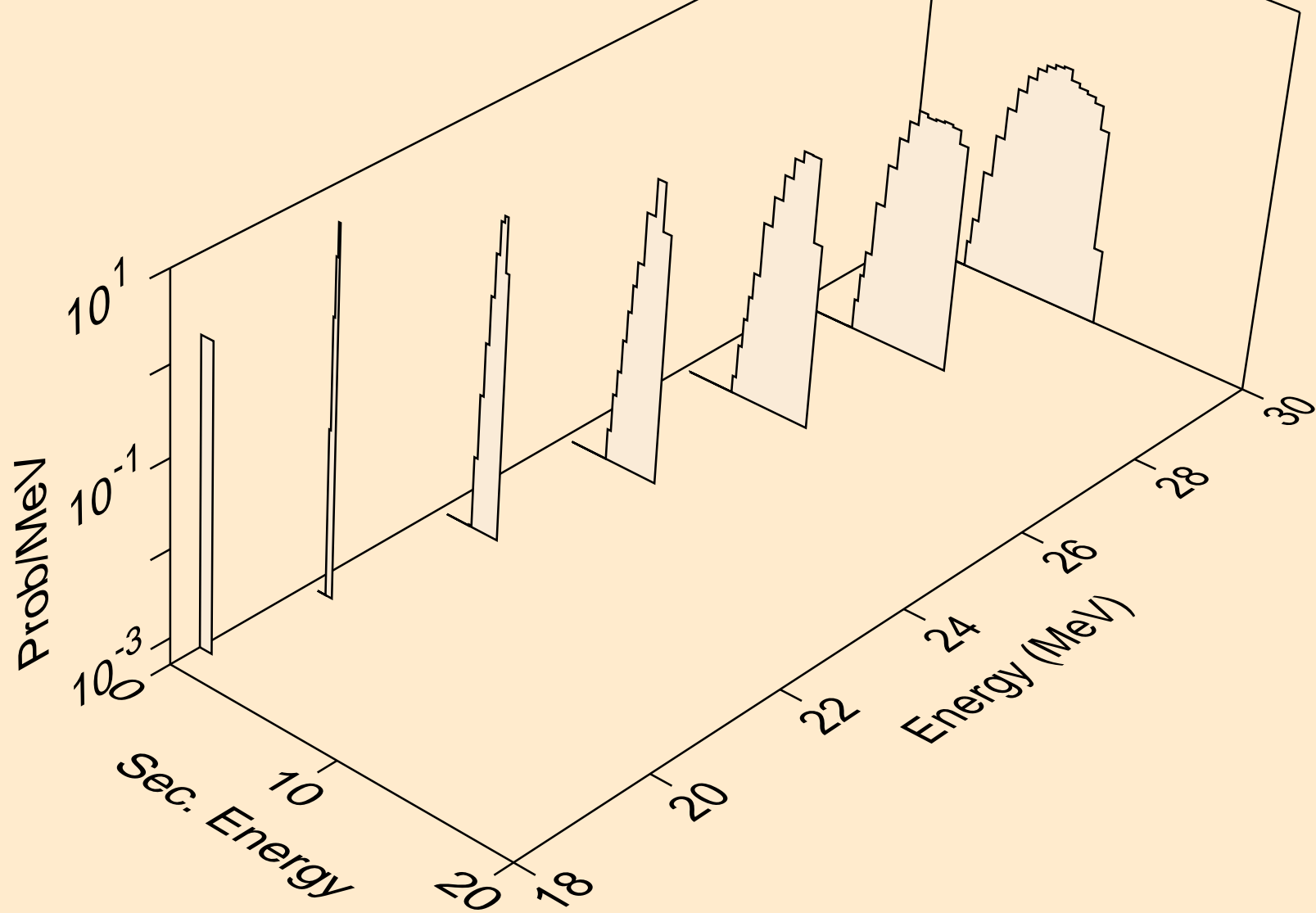
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deuterons from (a,da)



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)

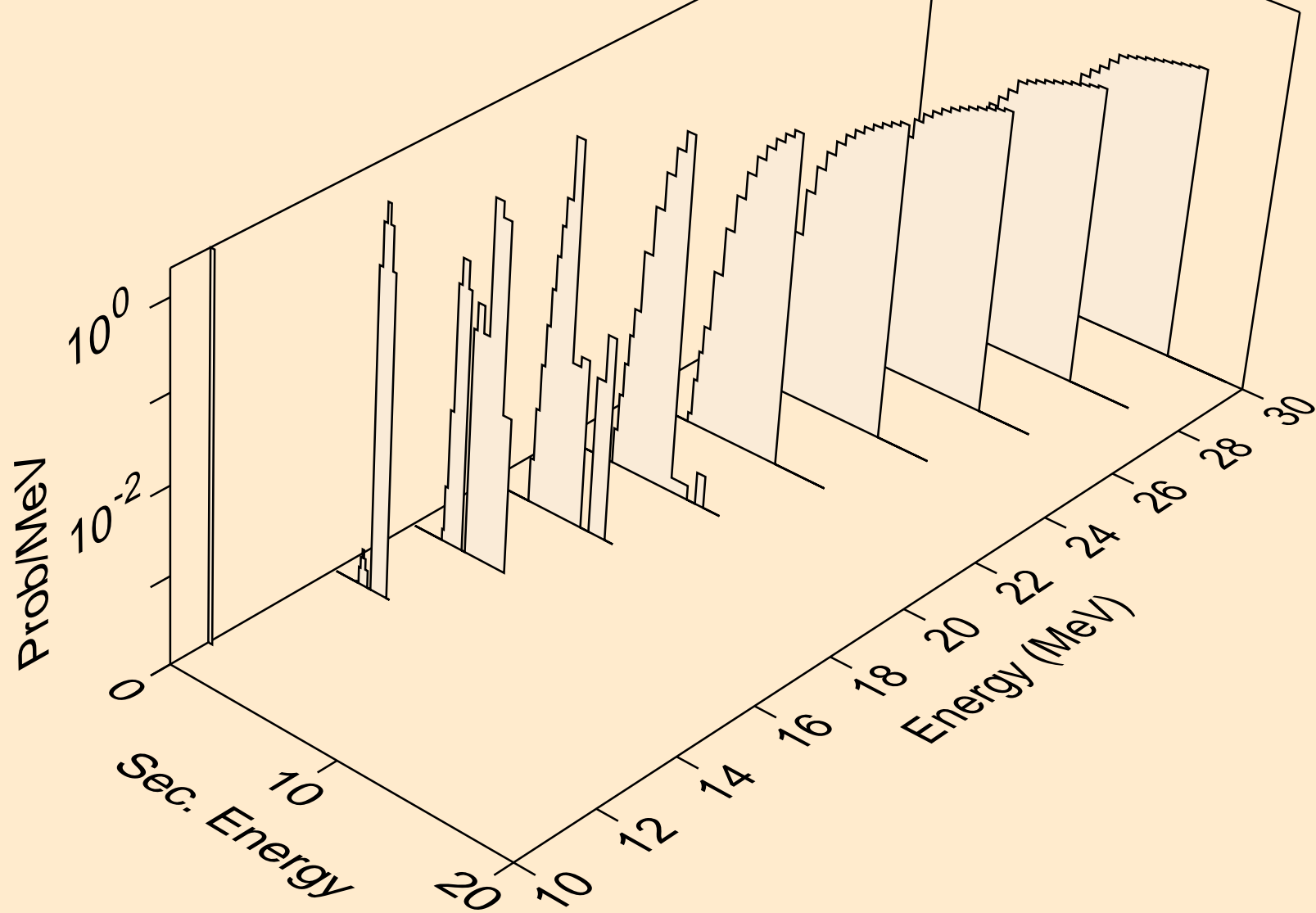


Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t

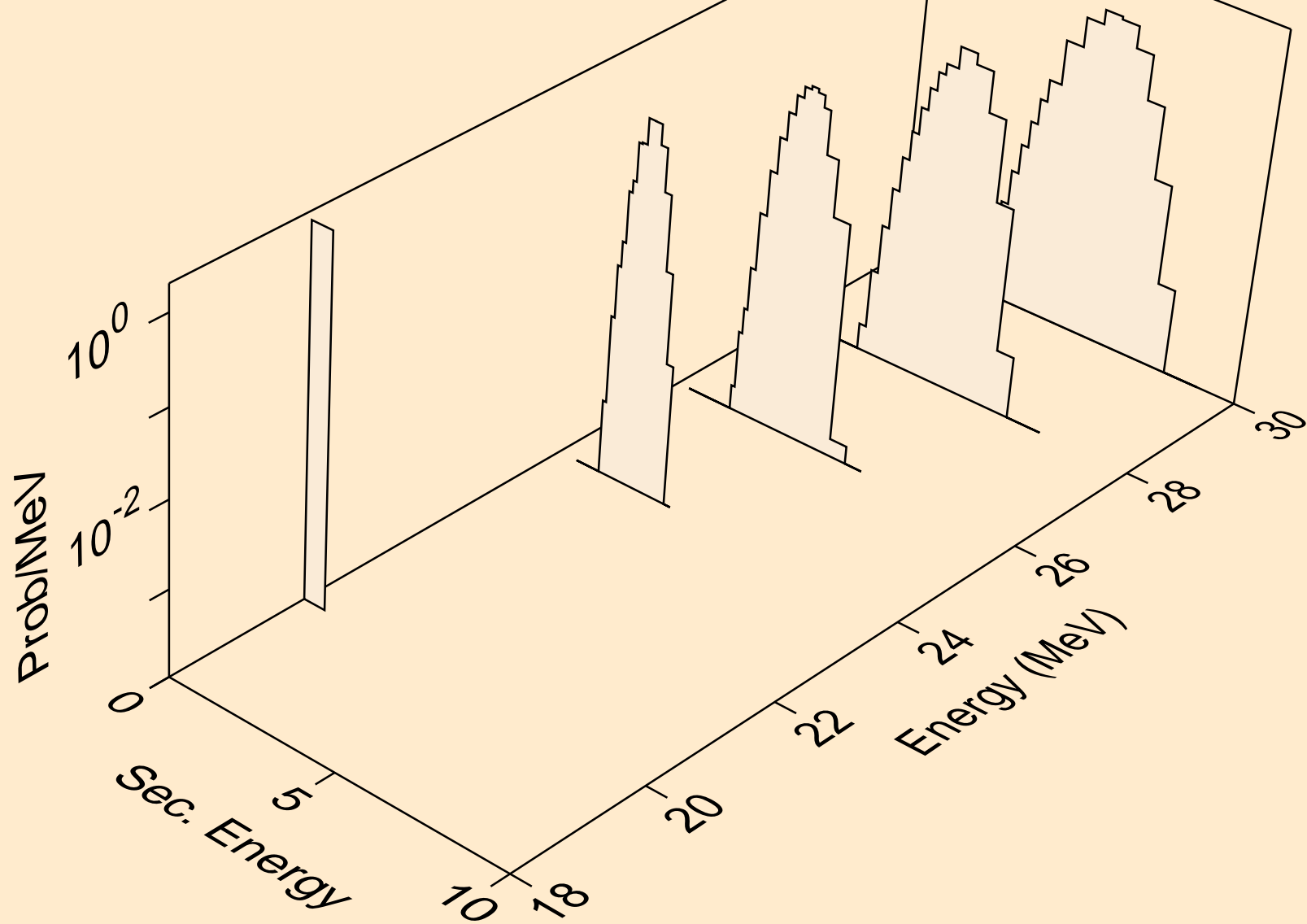




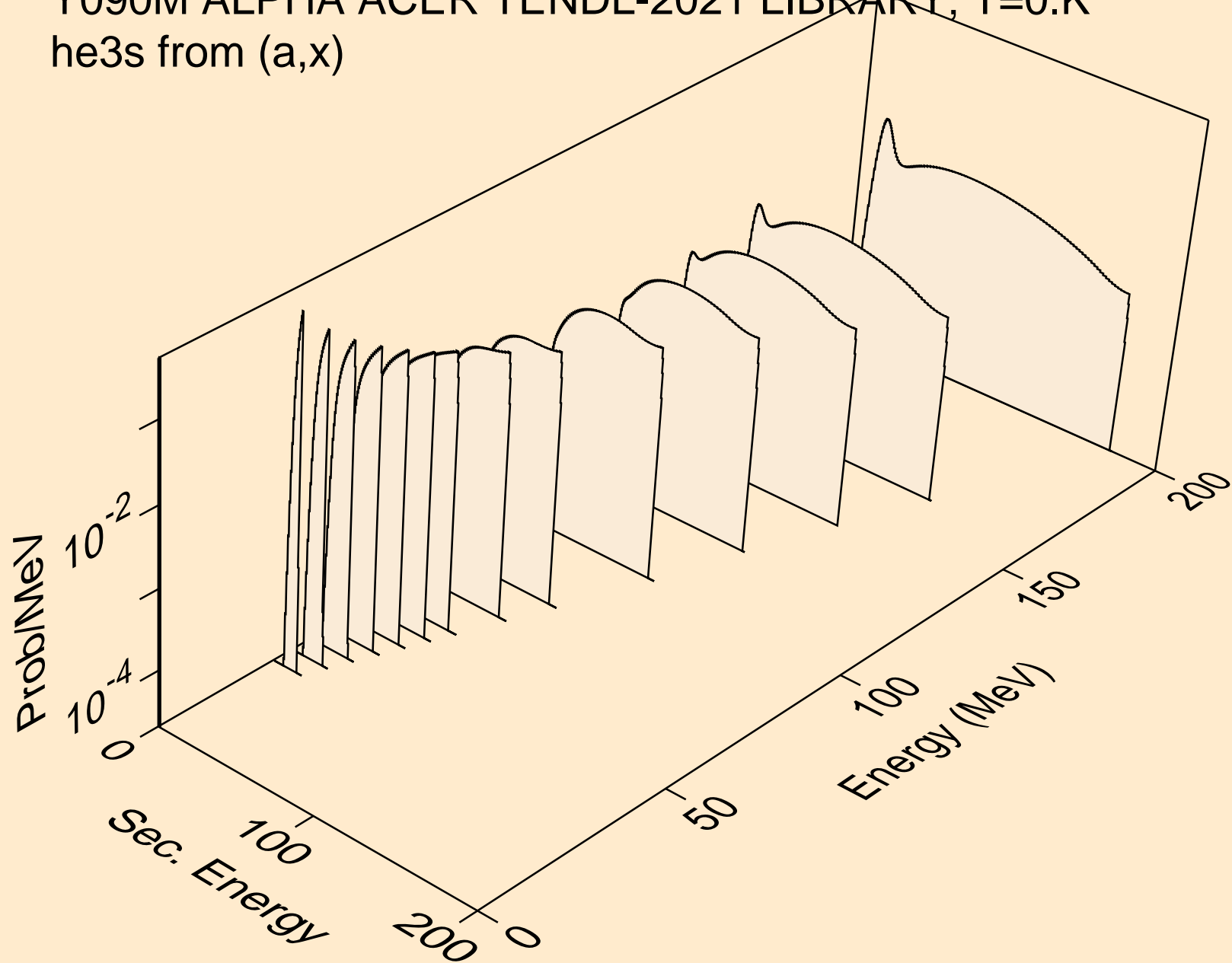
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tritons from (a,t)



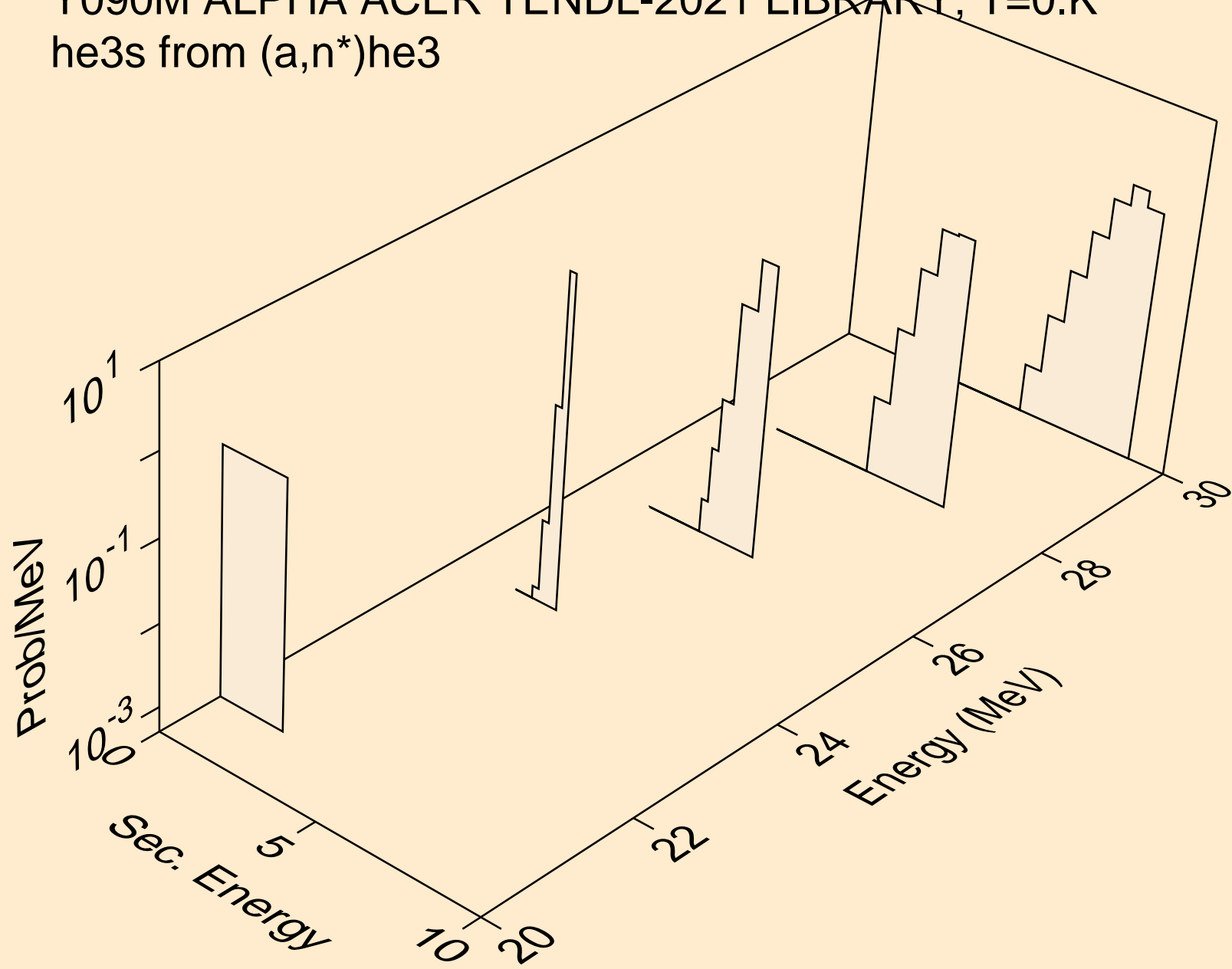
Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



Y090M ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

