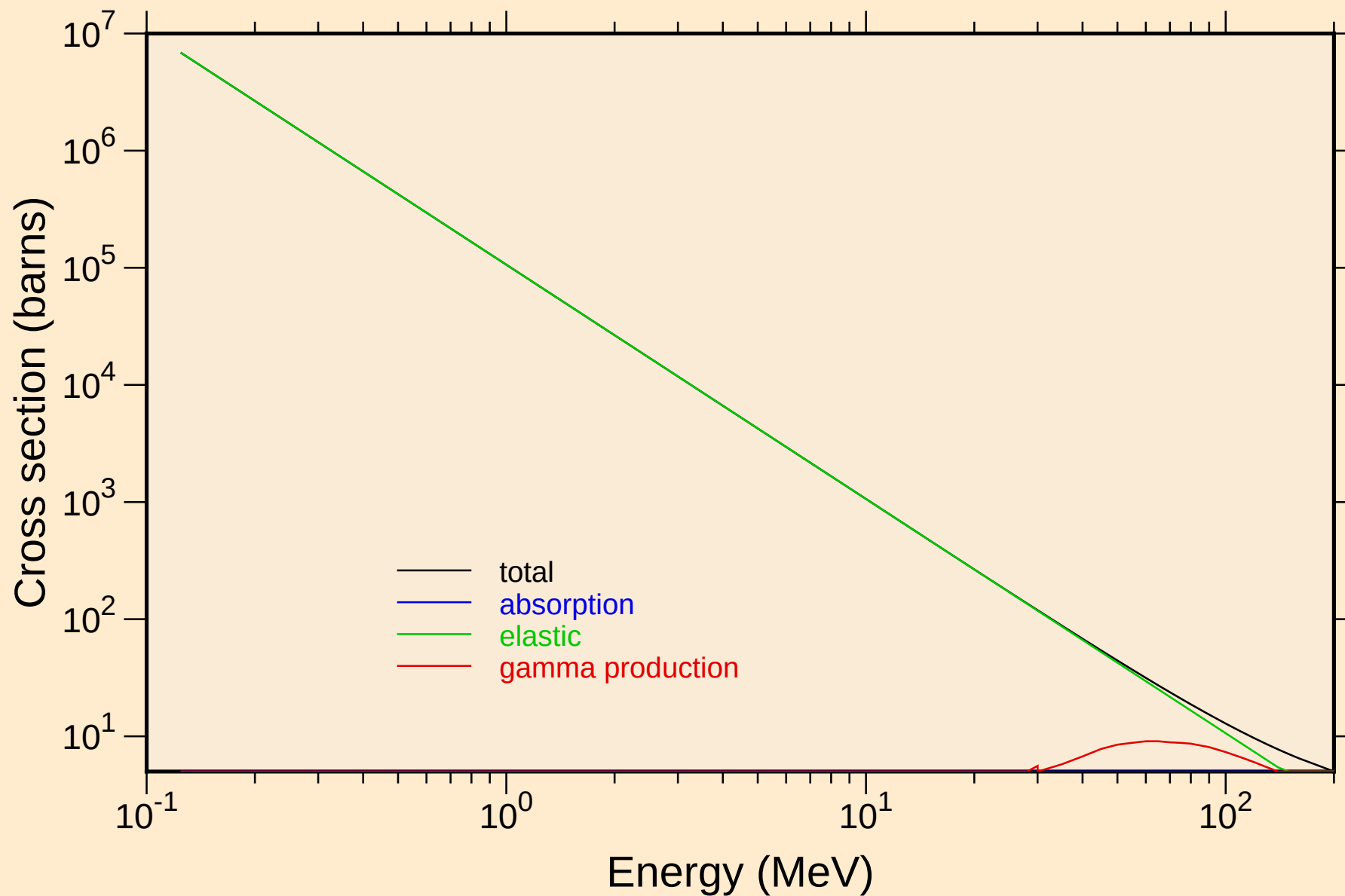


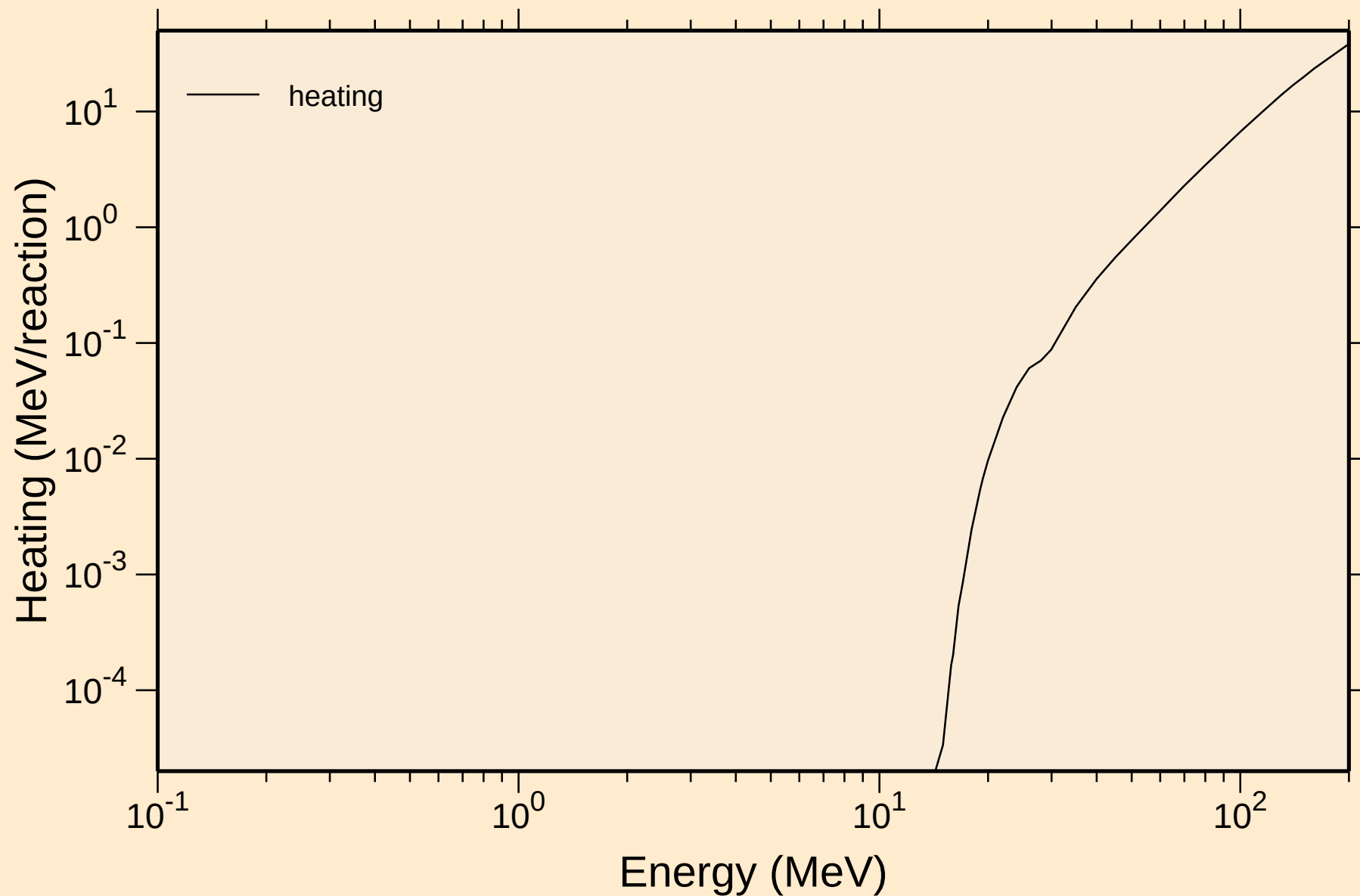
# GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



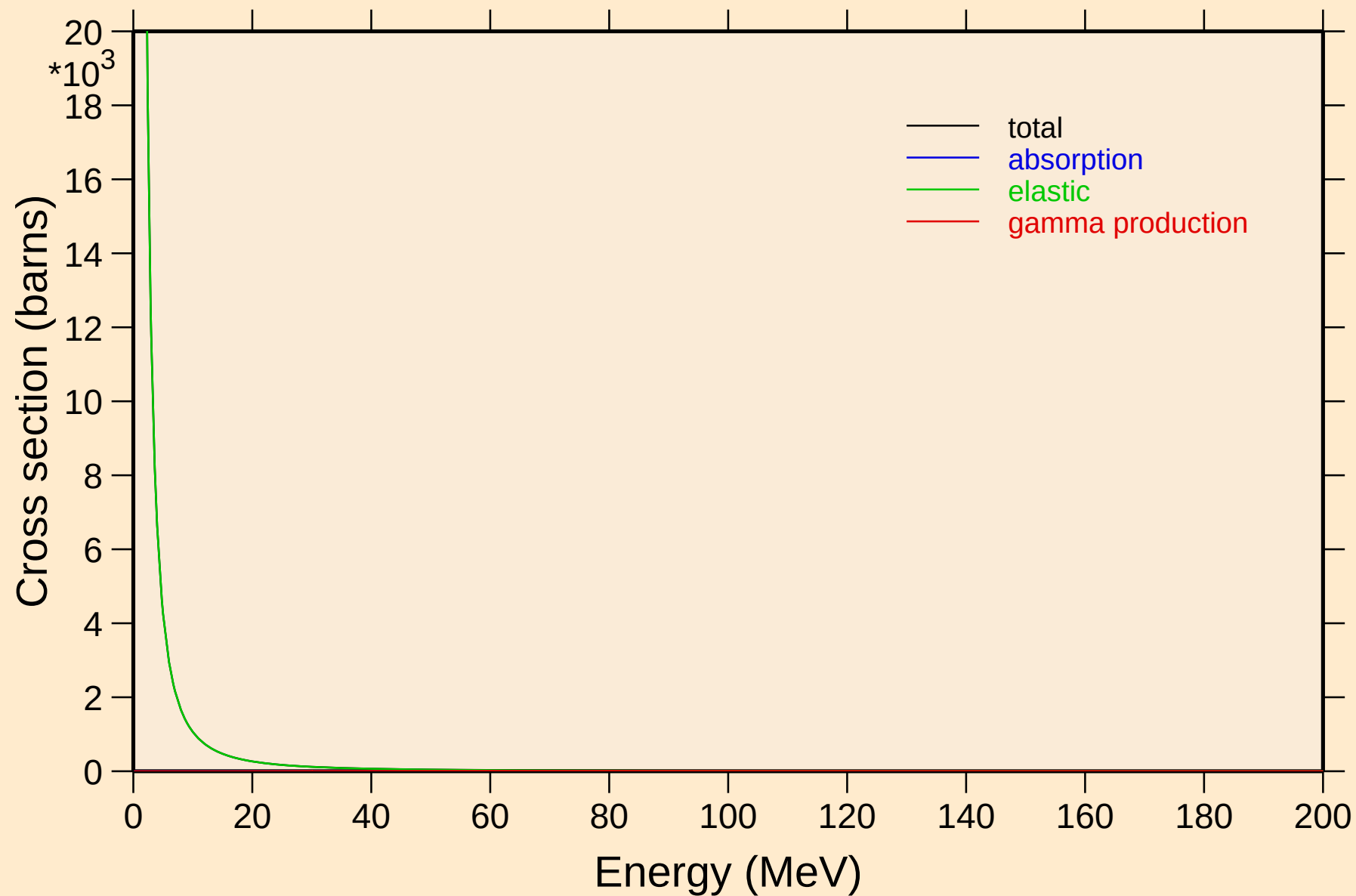
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



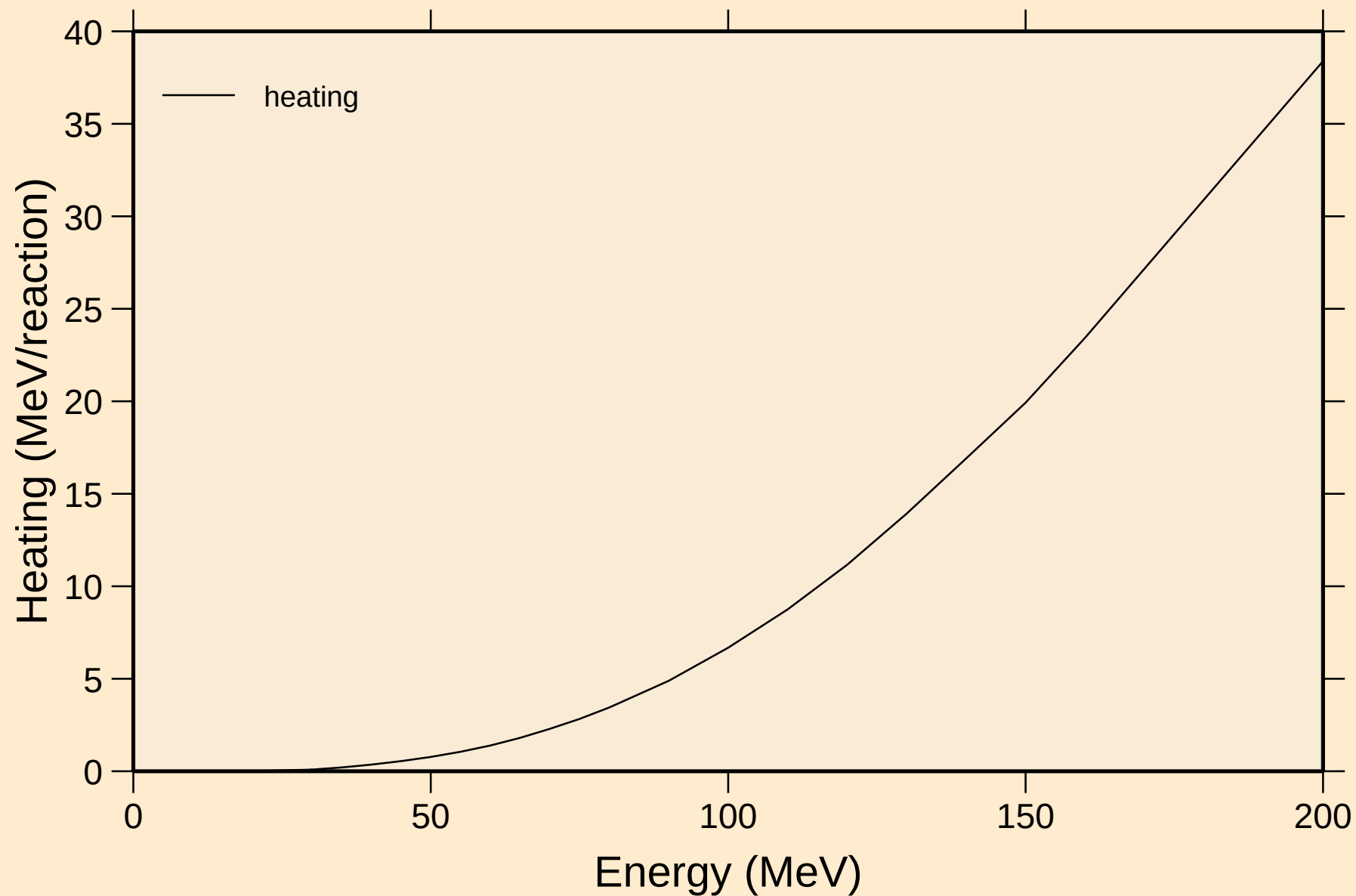
# GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



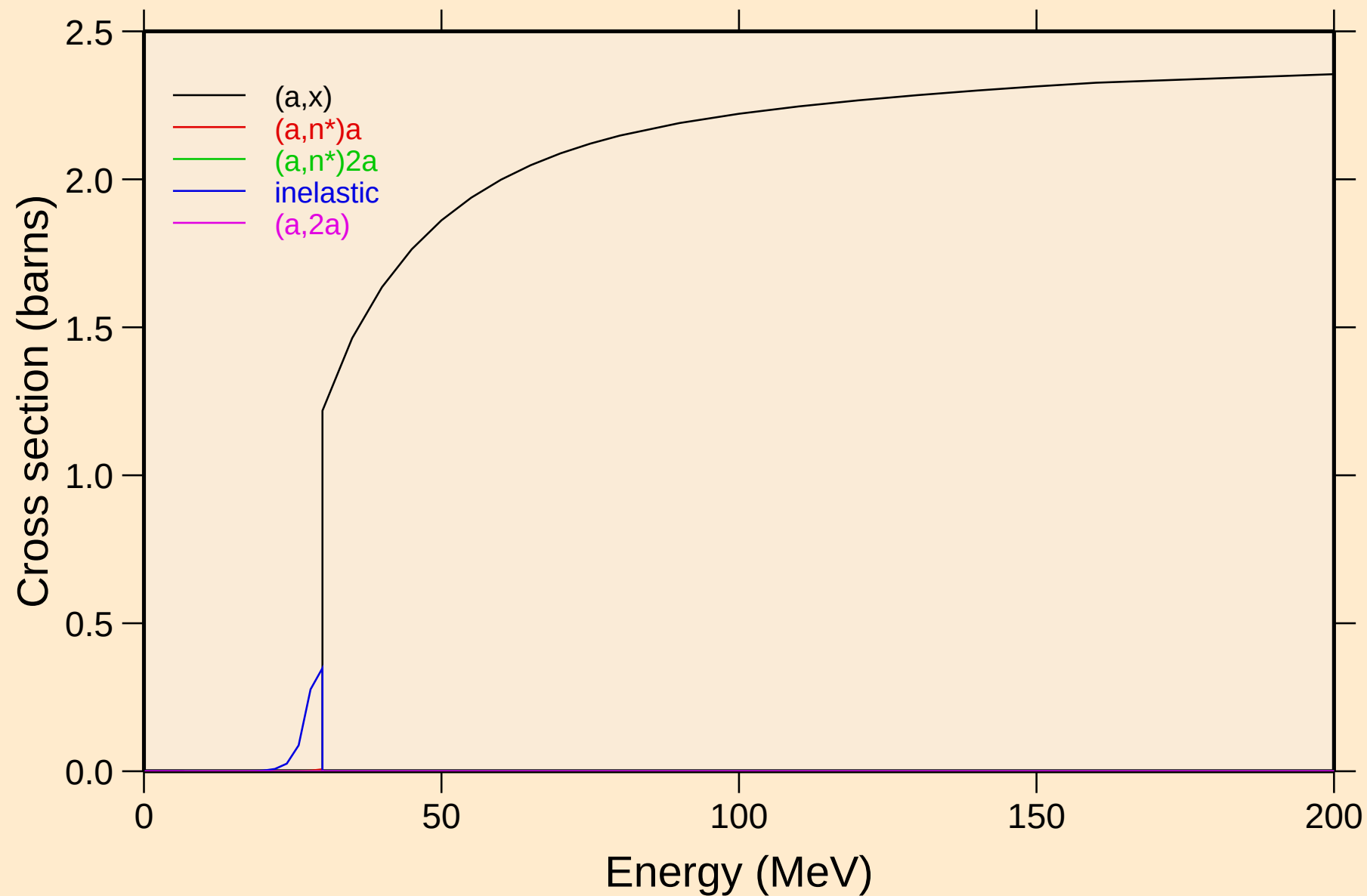
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



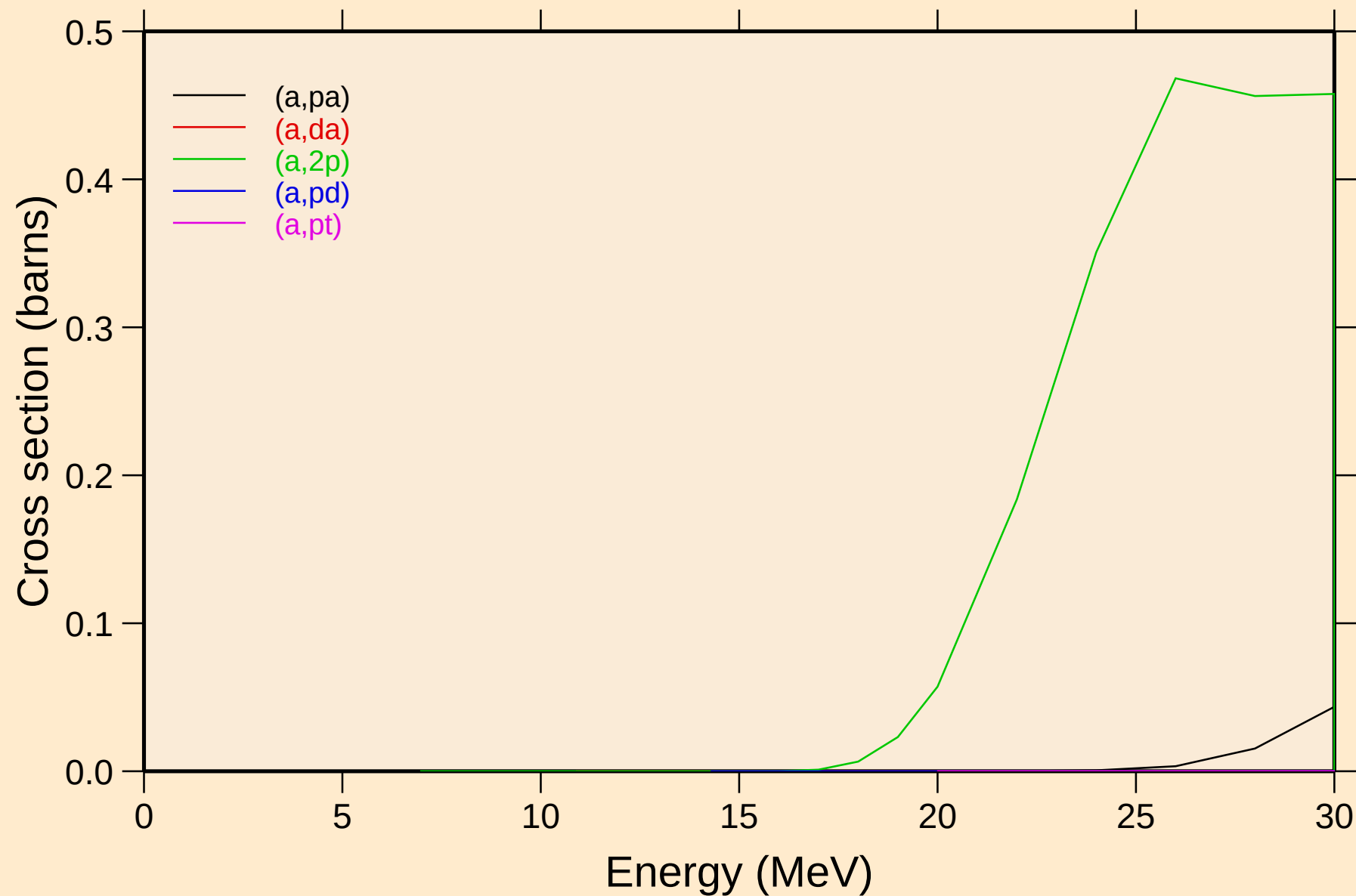
# GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



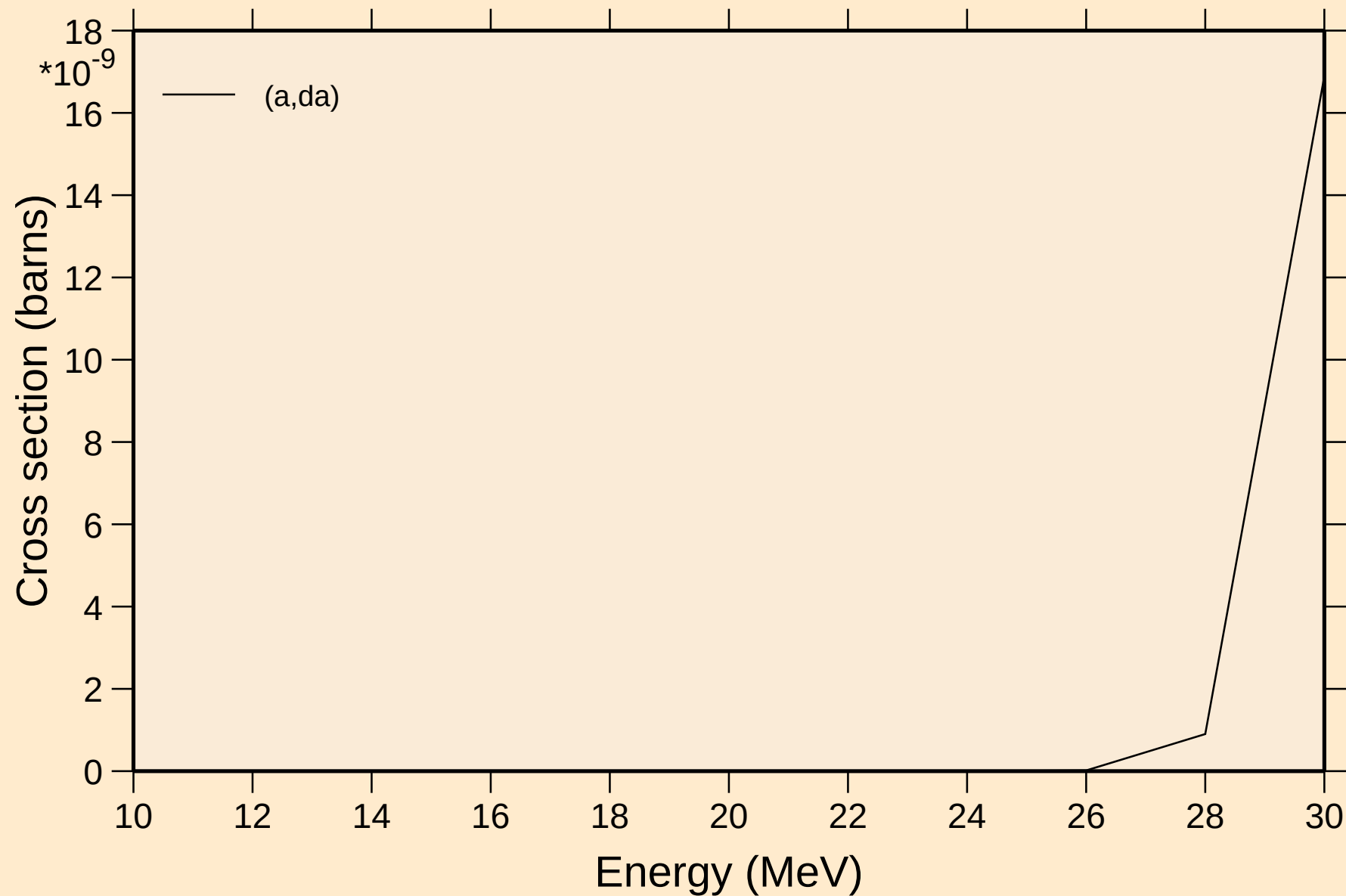
# GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

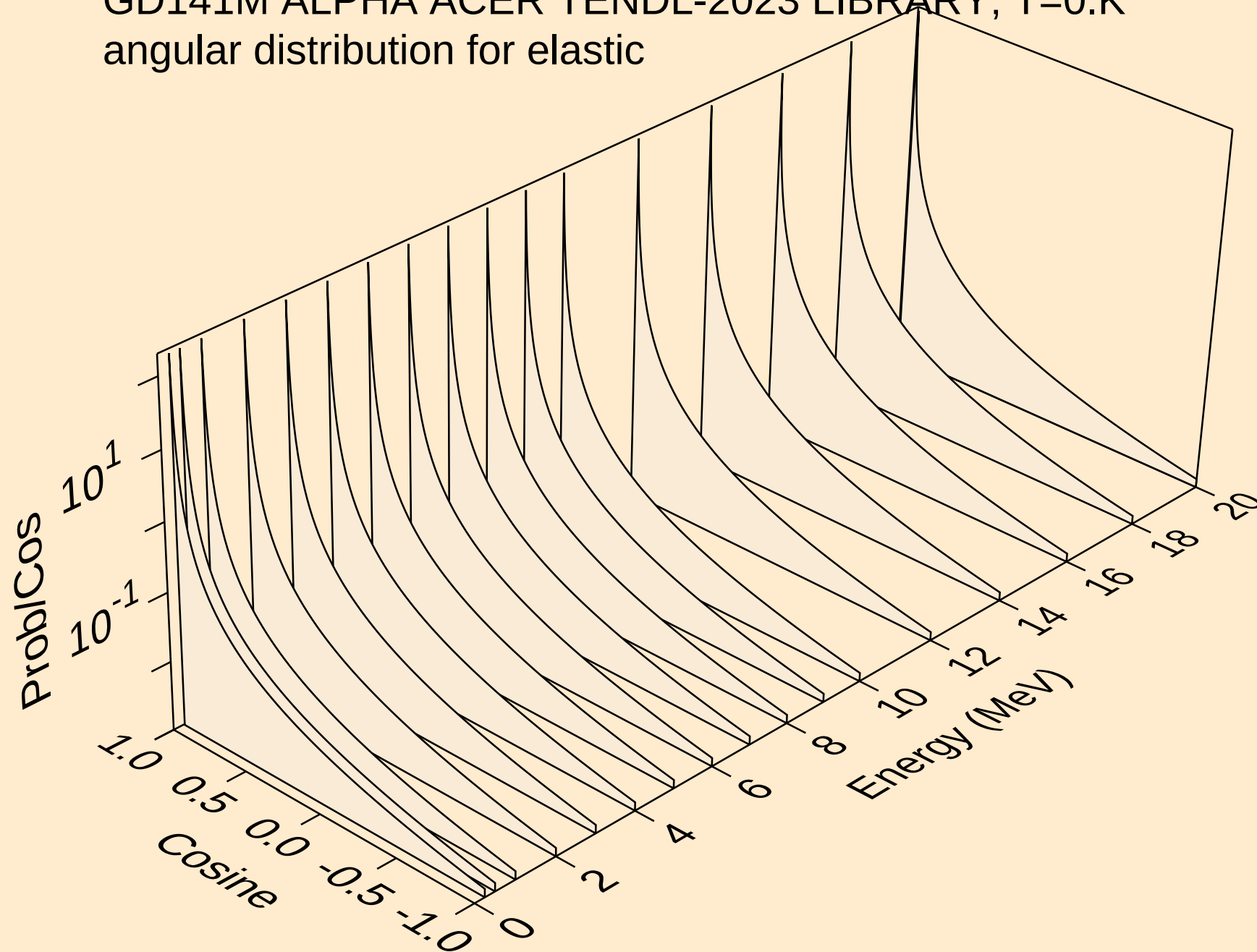


# GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

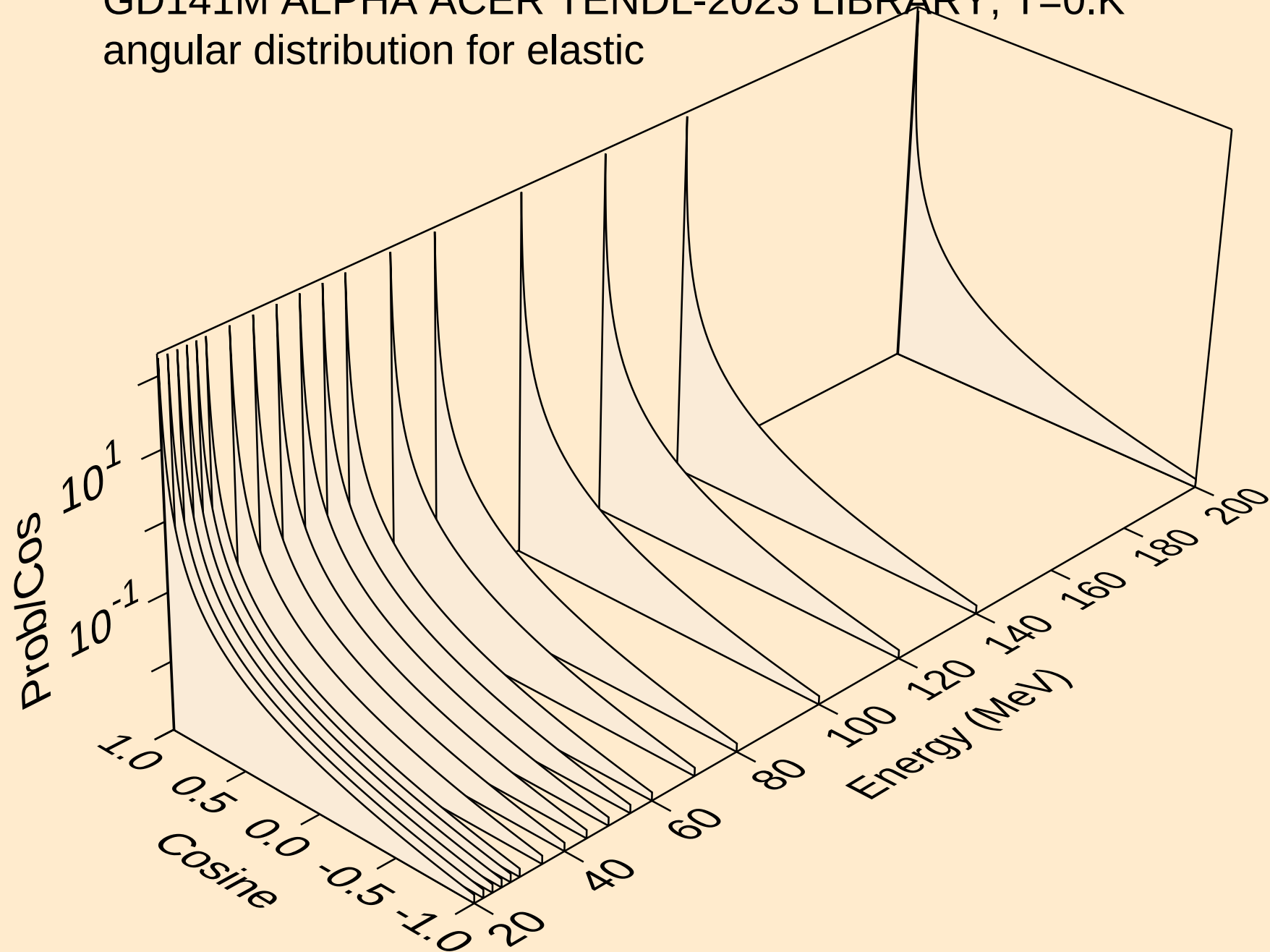


GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



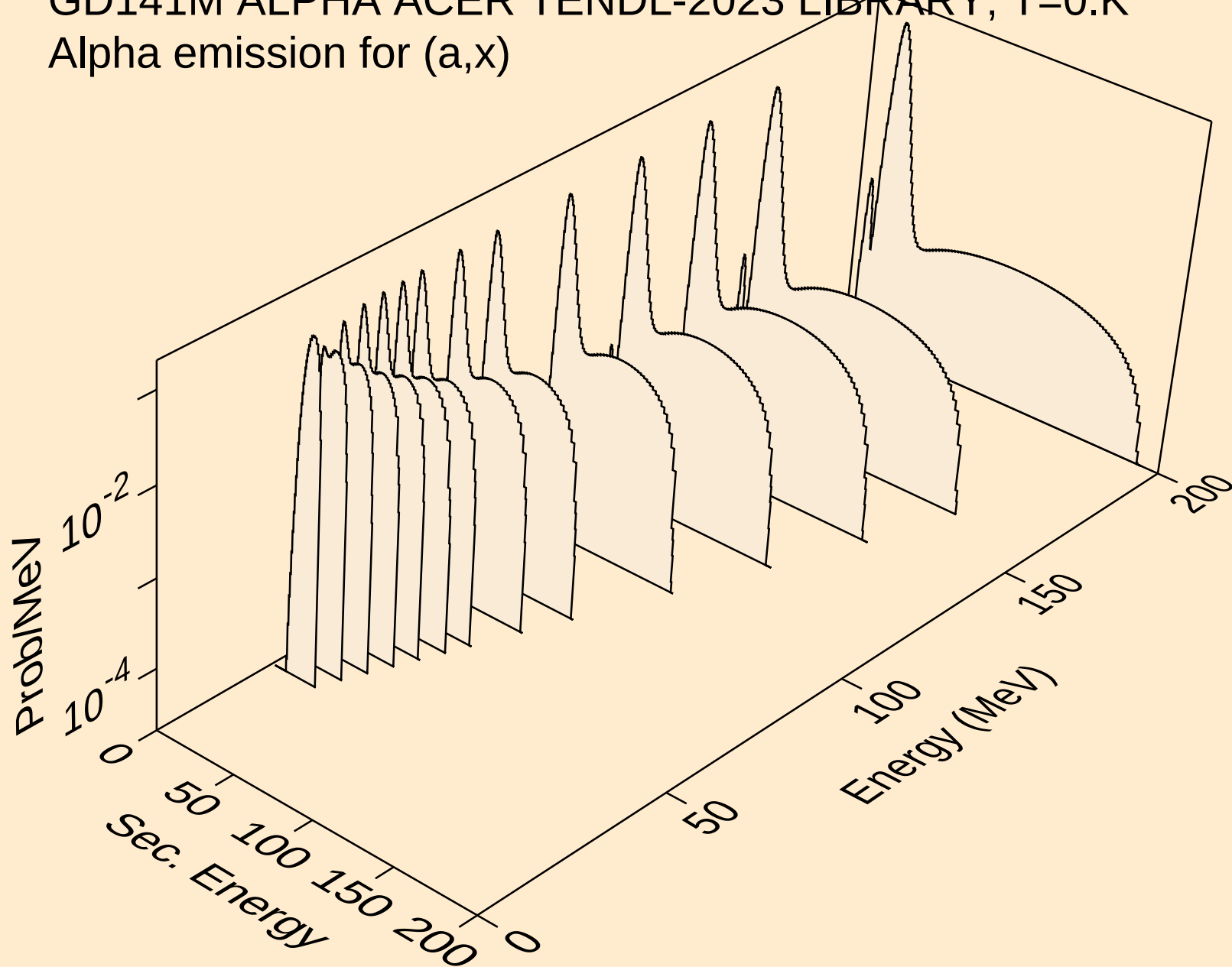


GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



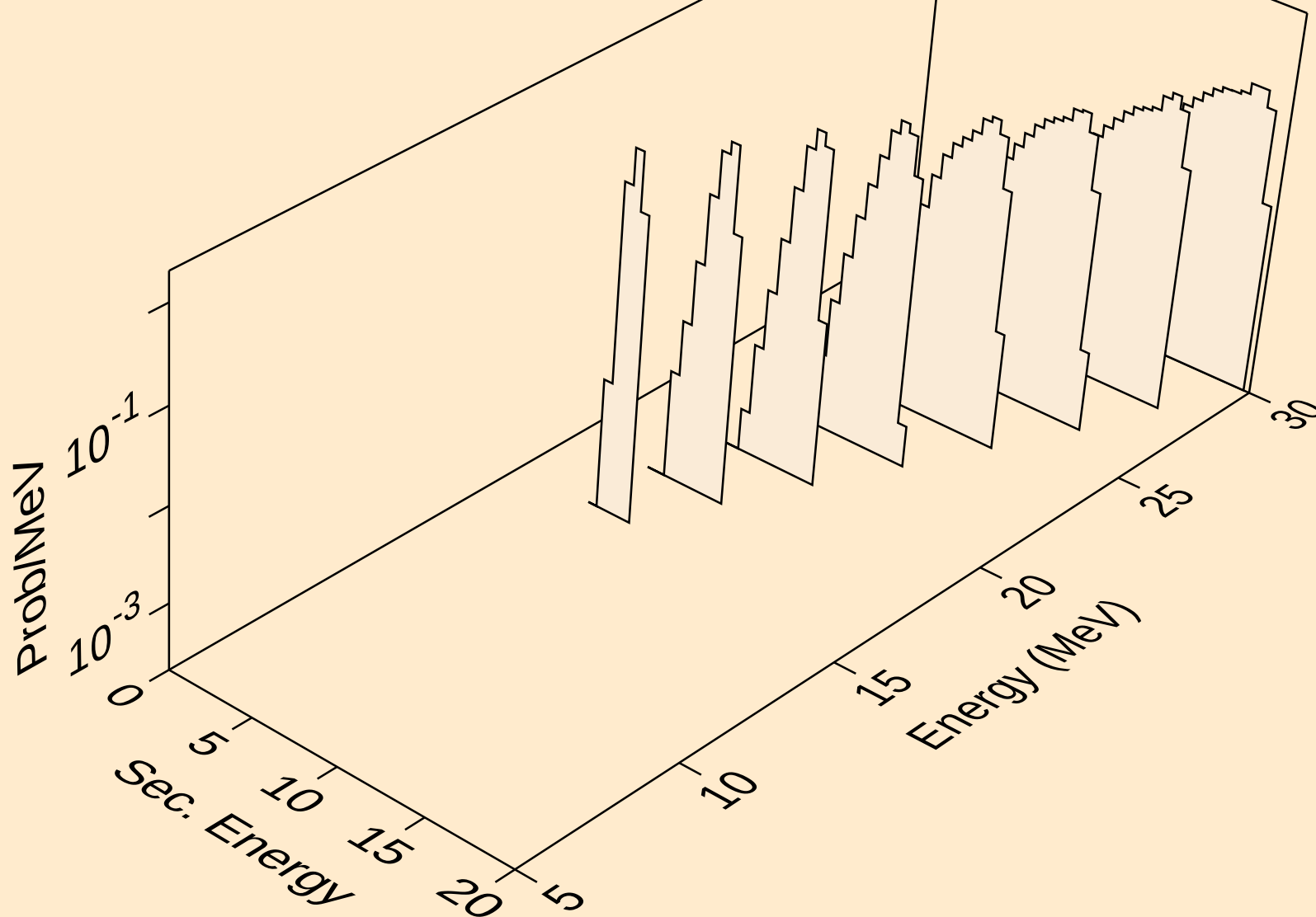
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



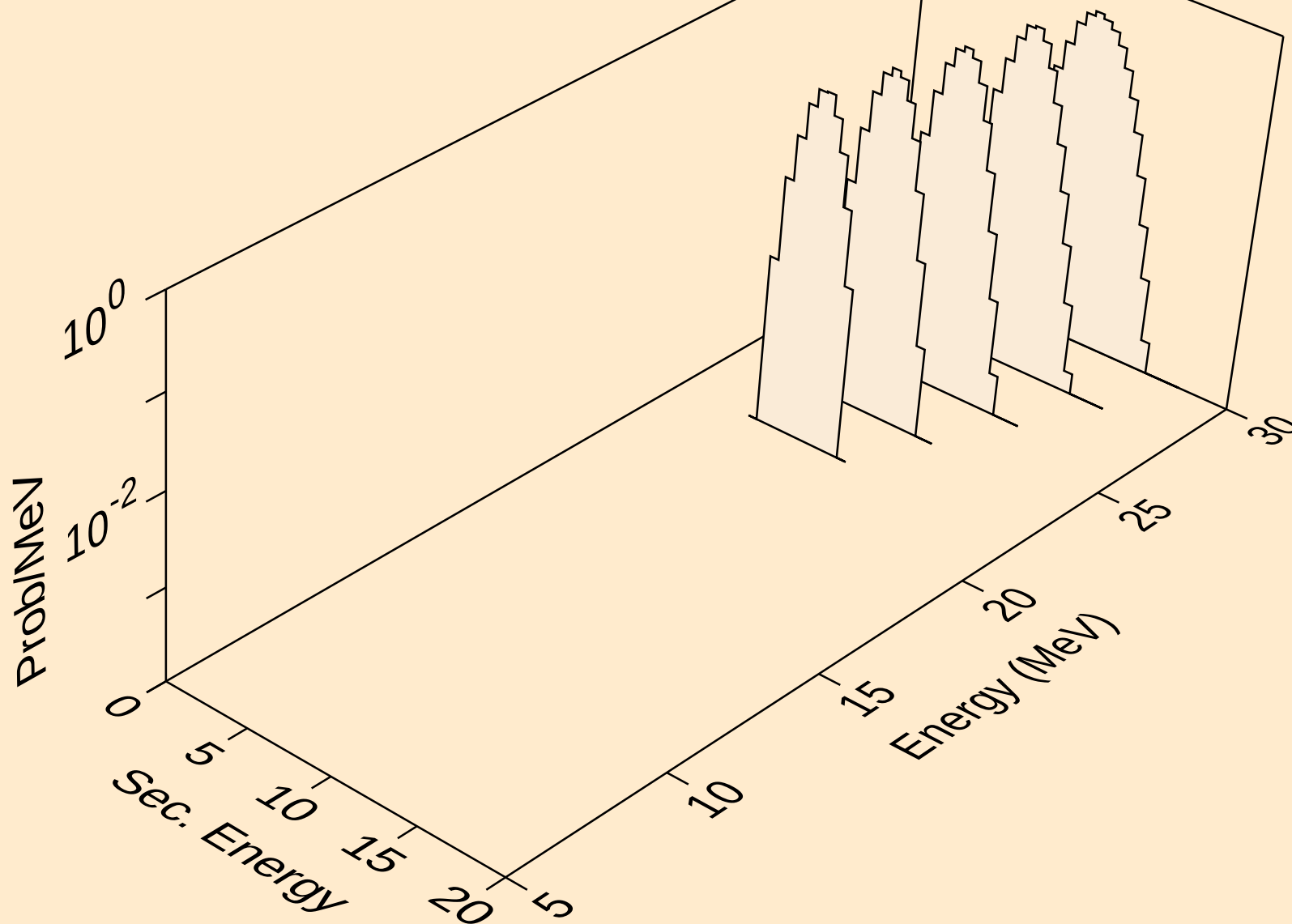
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



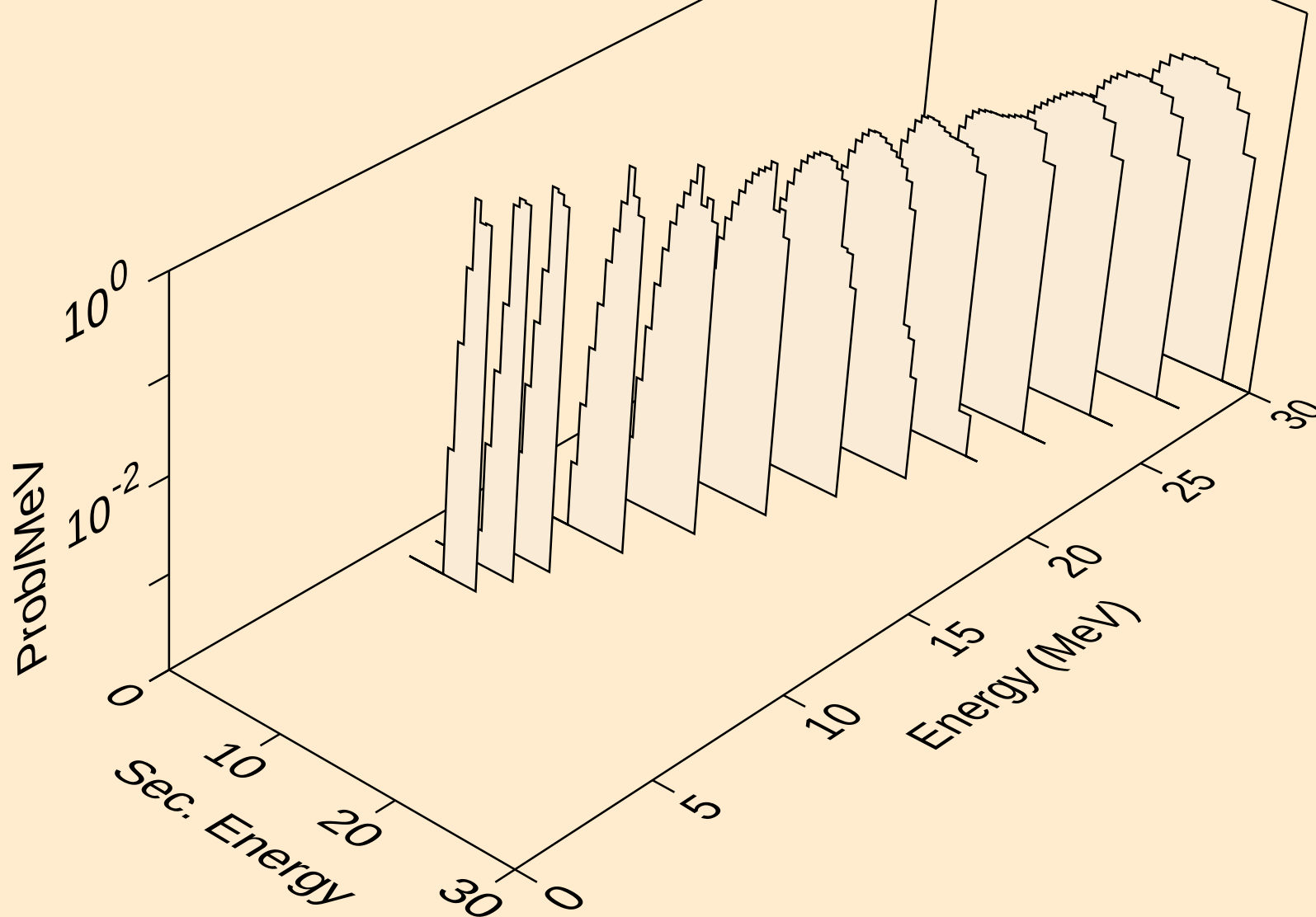
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n\*)2a



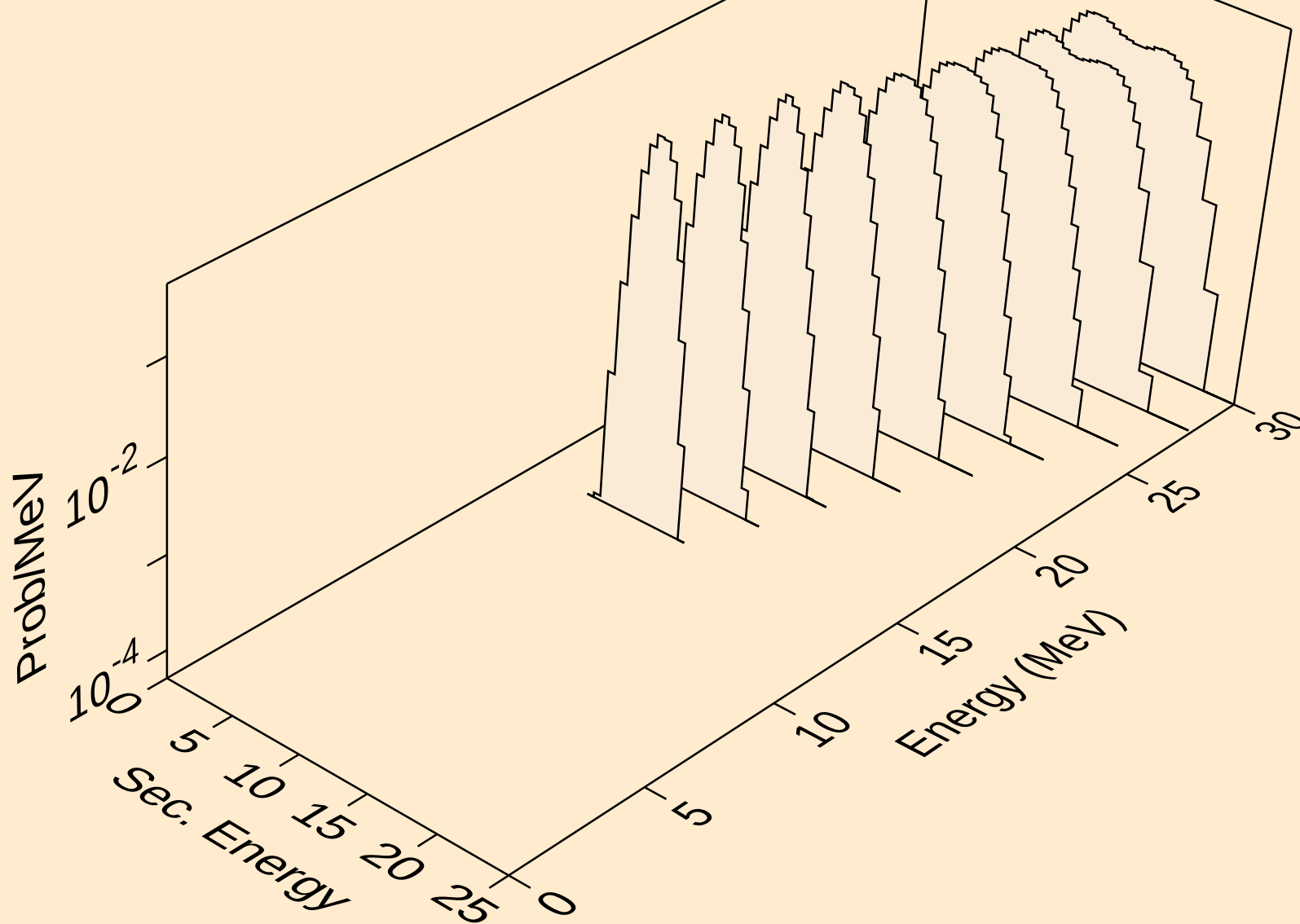
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for inelastic



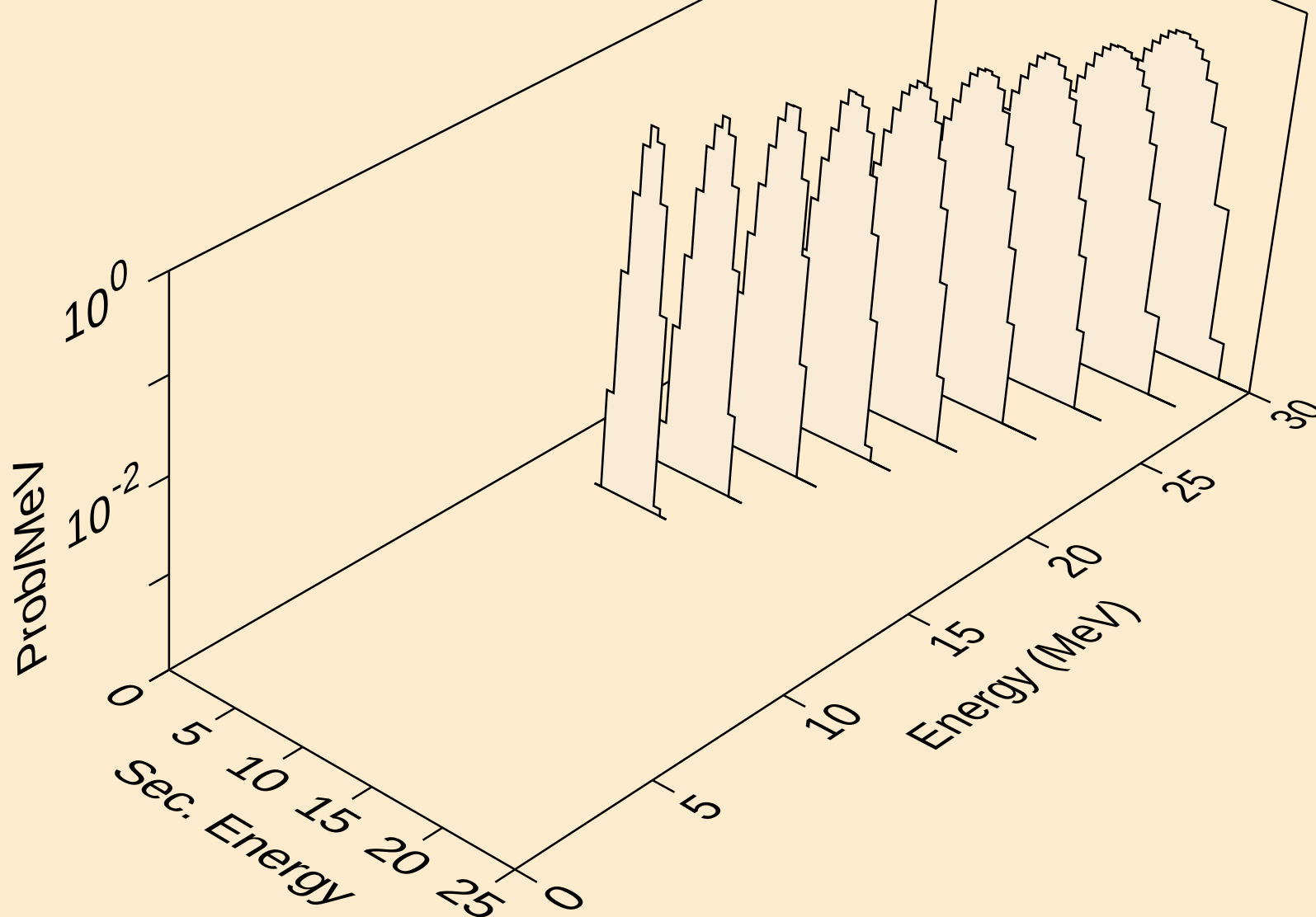
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2a)



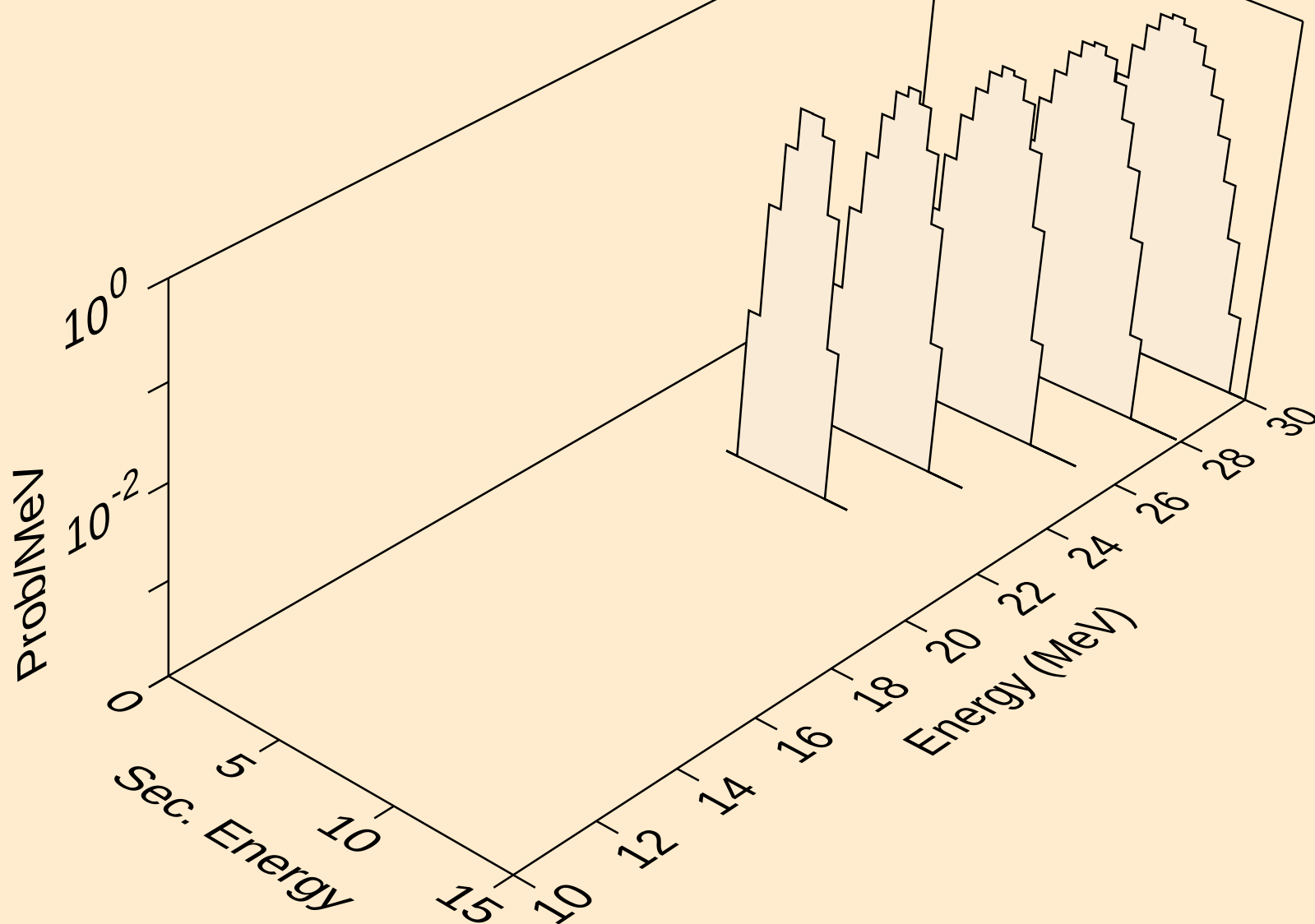
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,pa)



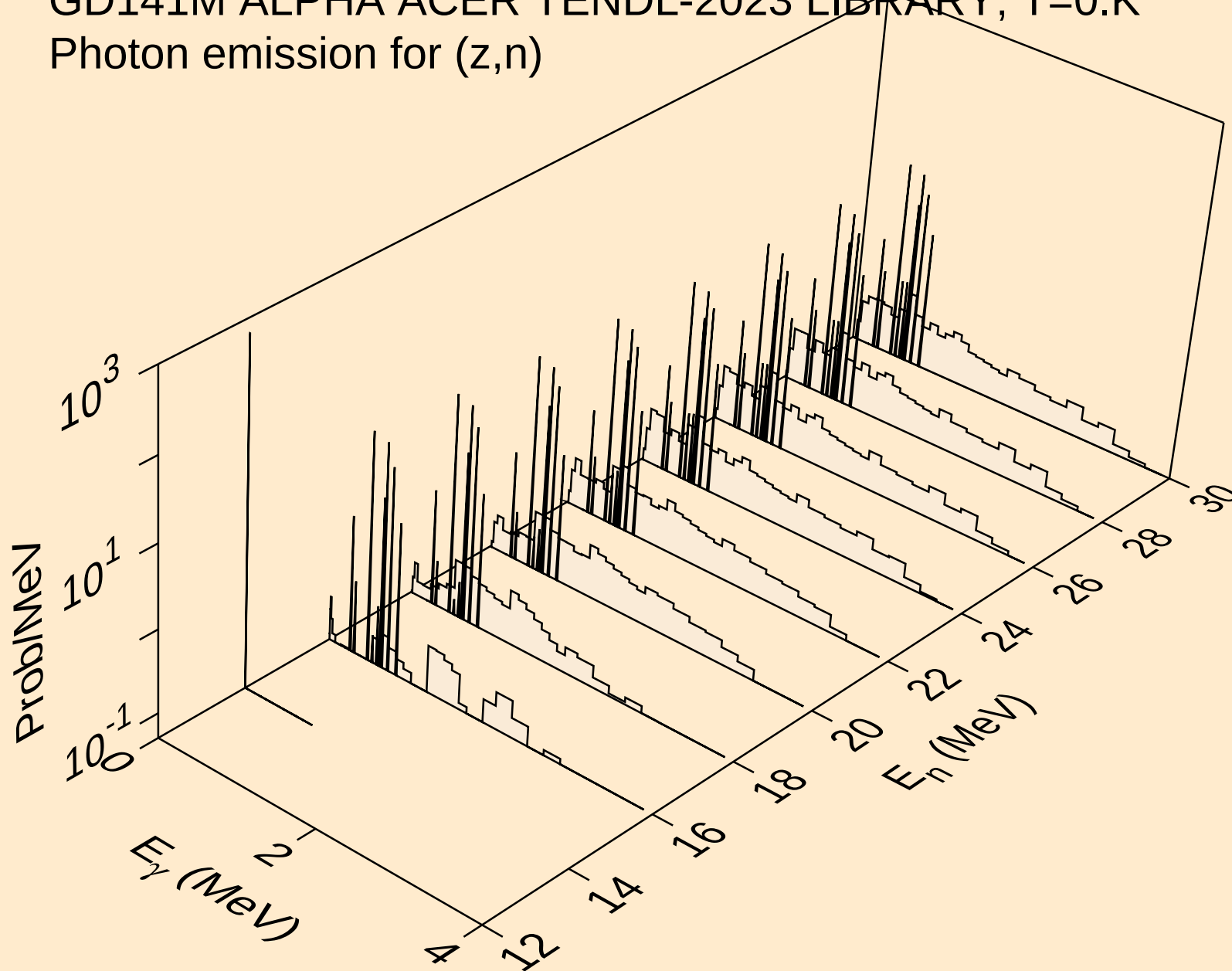
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Alpha emission for (a,da)



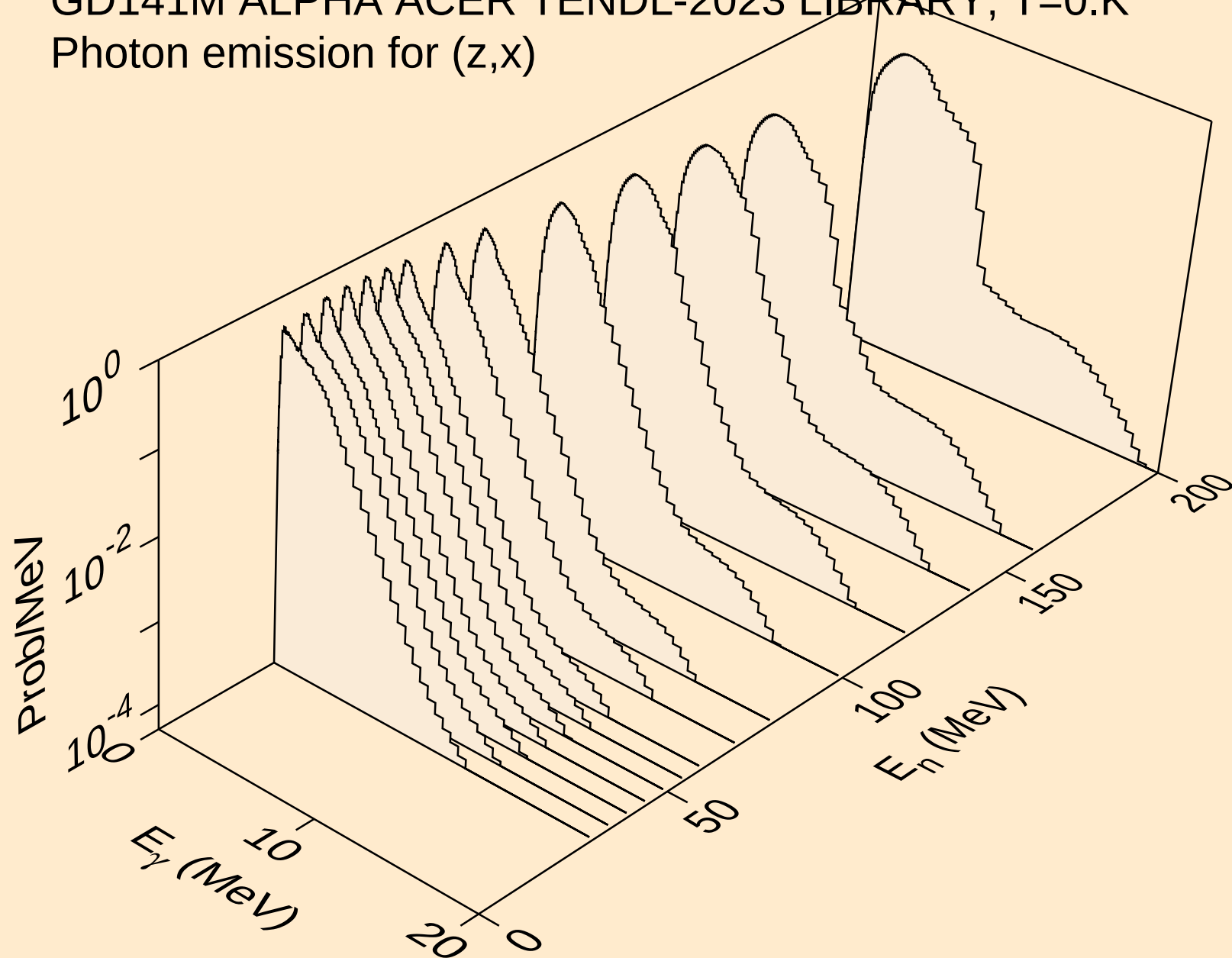


GD141M ALPHA ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (z,n)

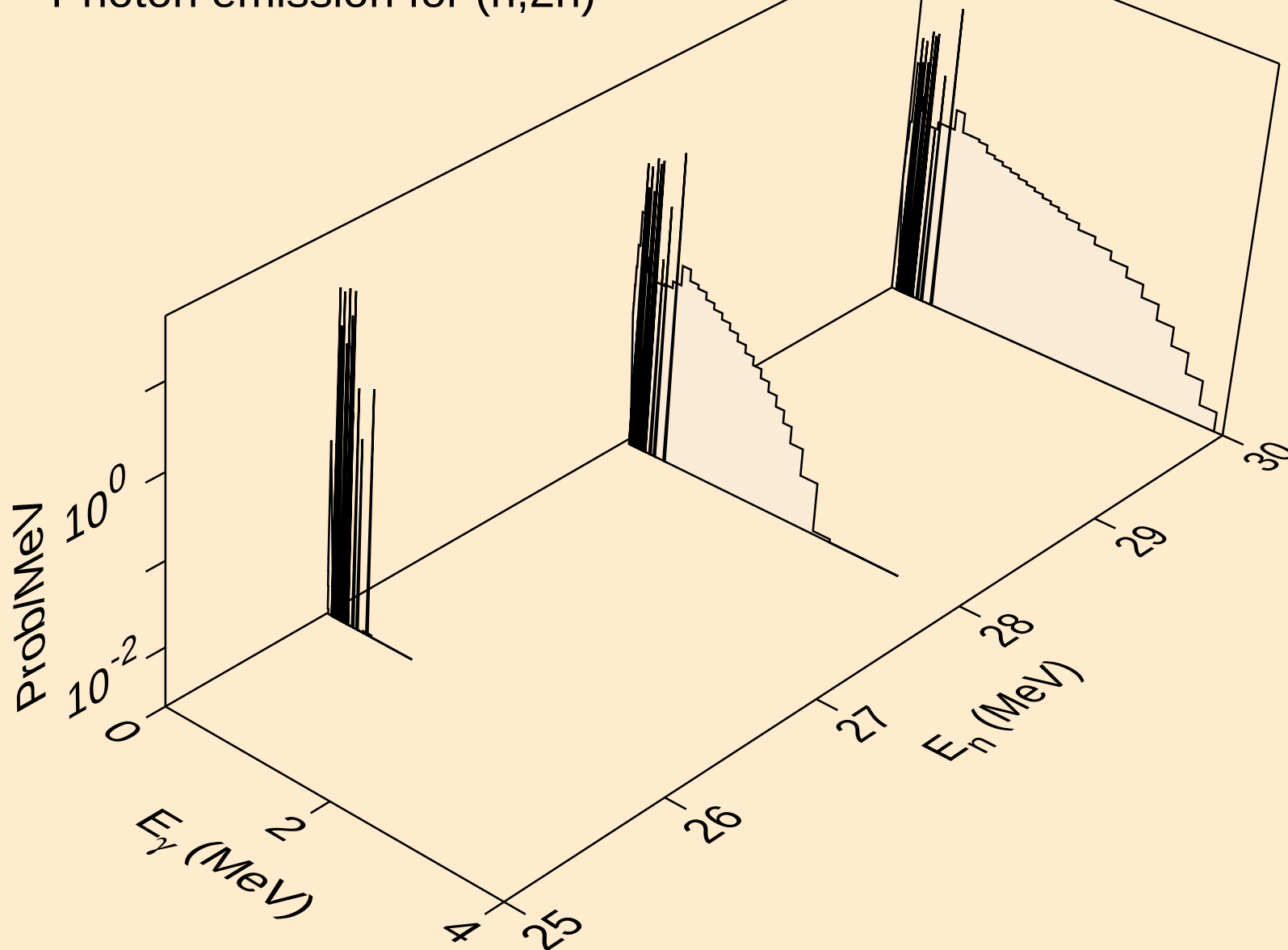


GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,x)

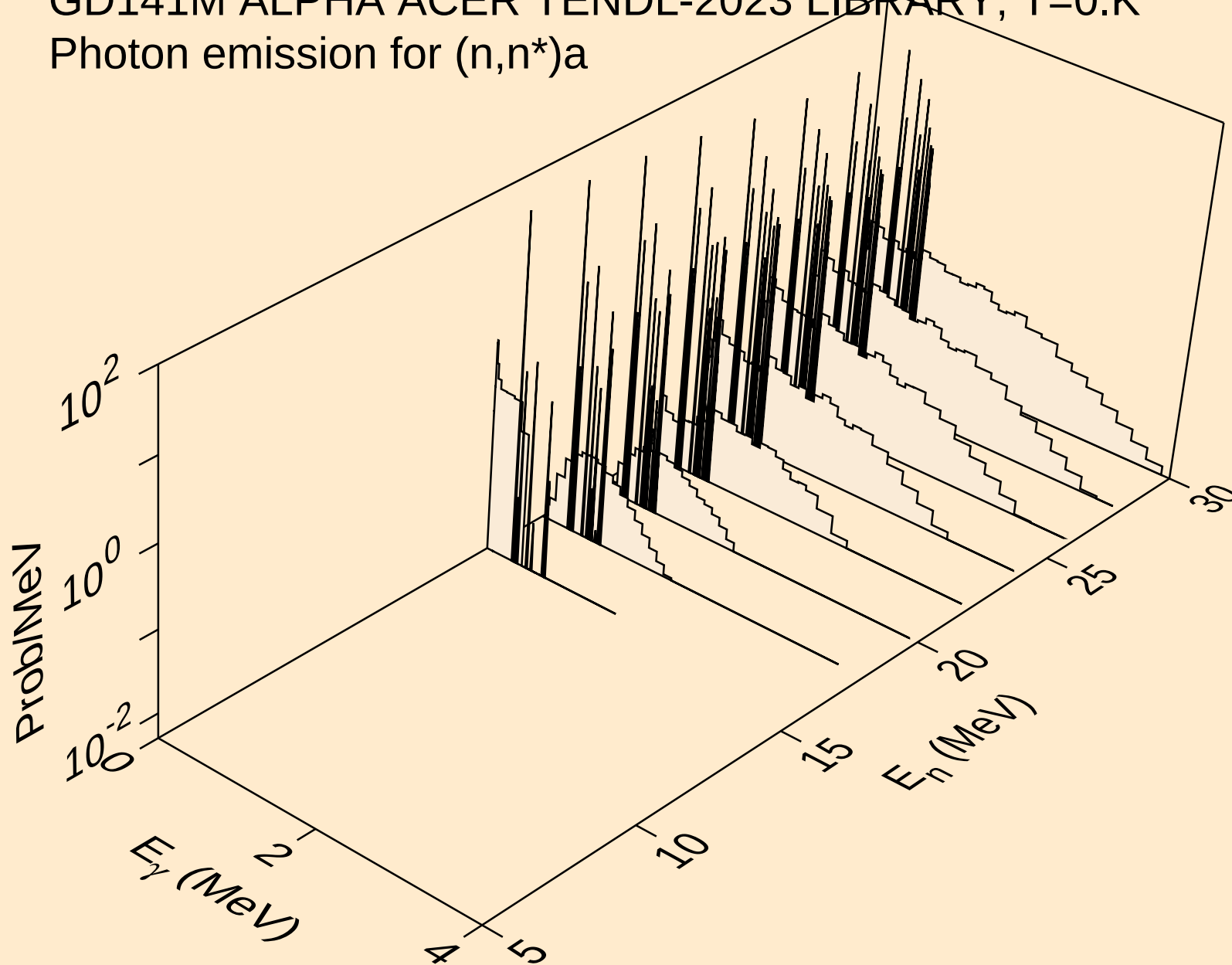


GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



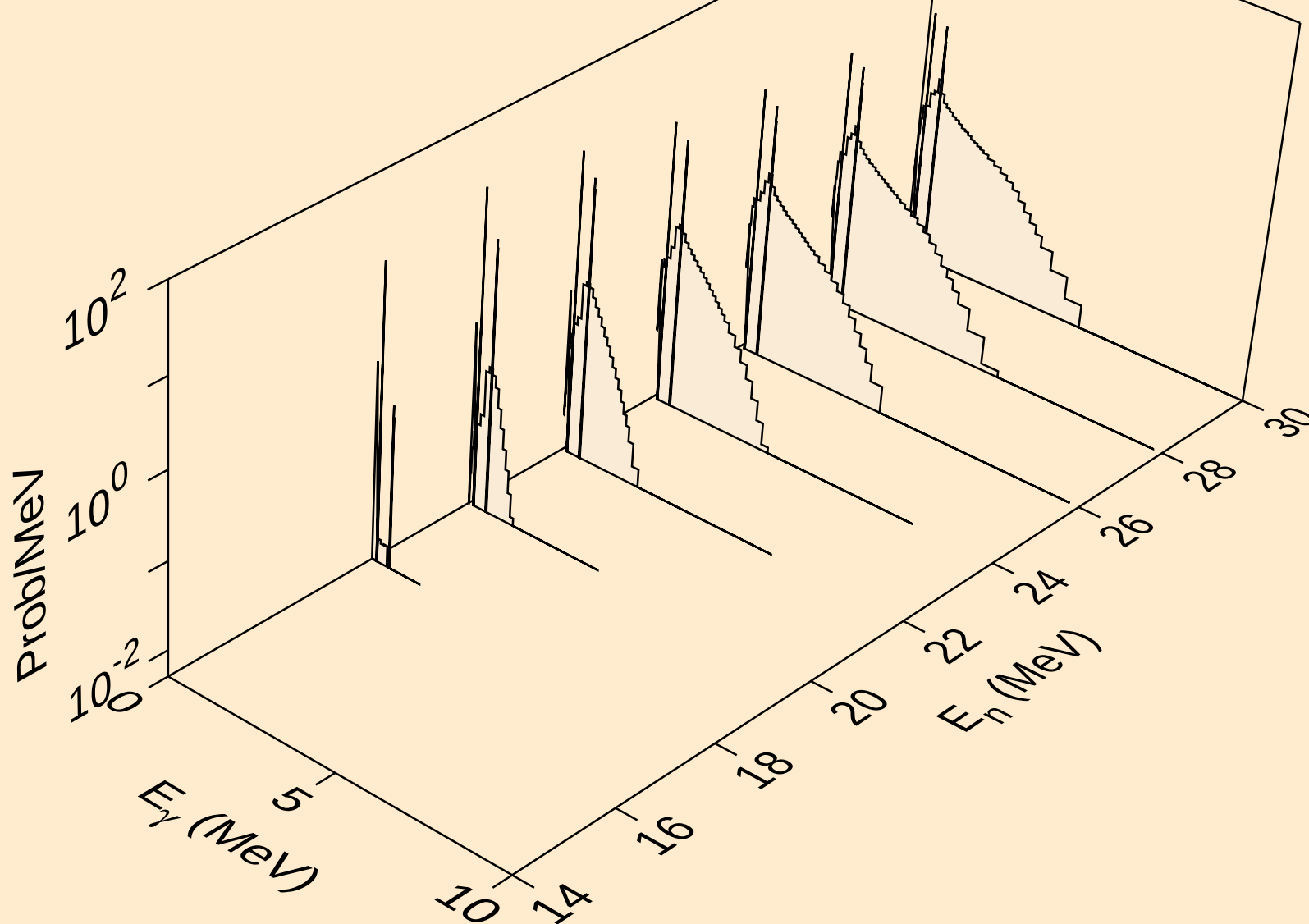
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a



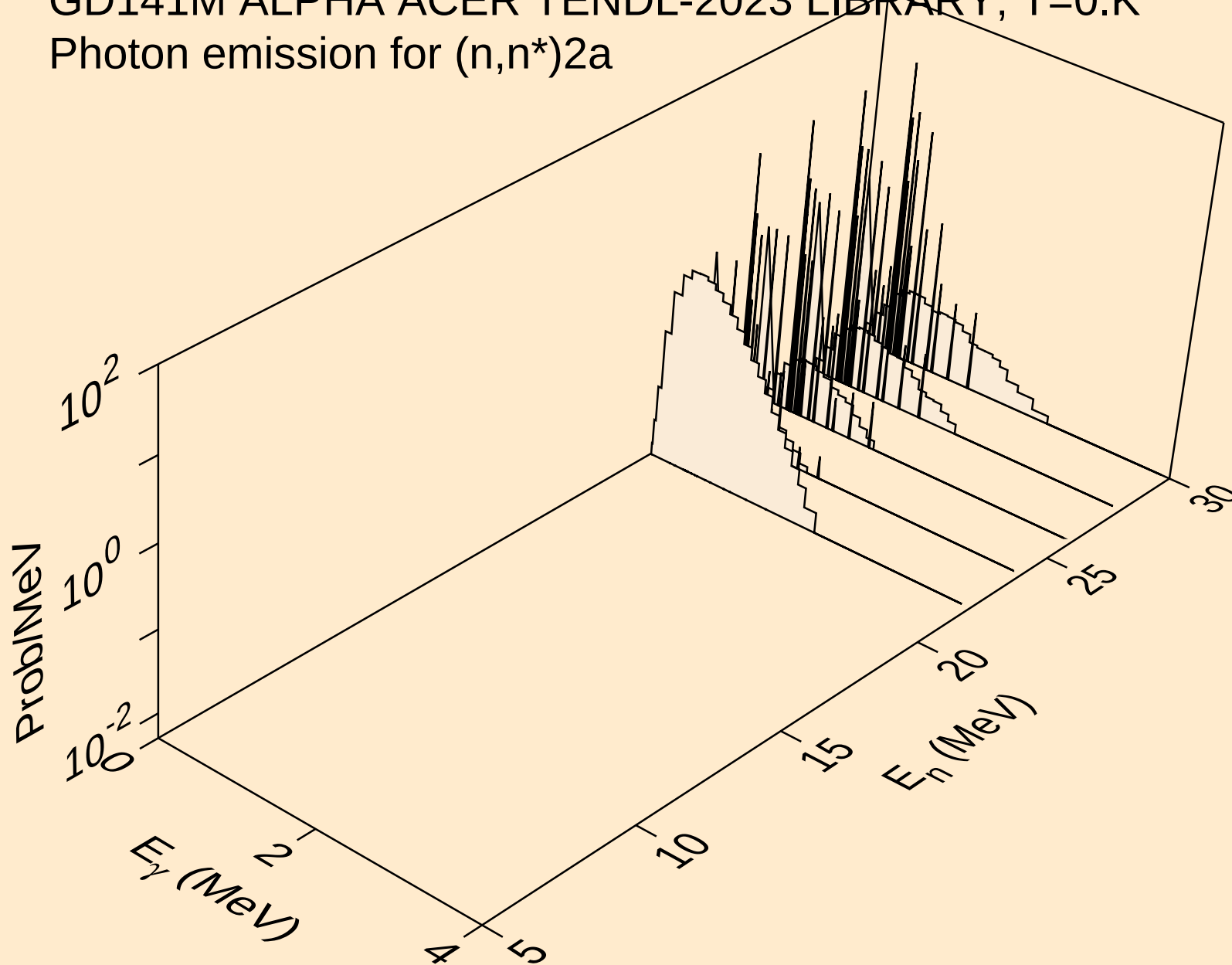
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)p

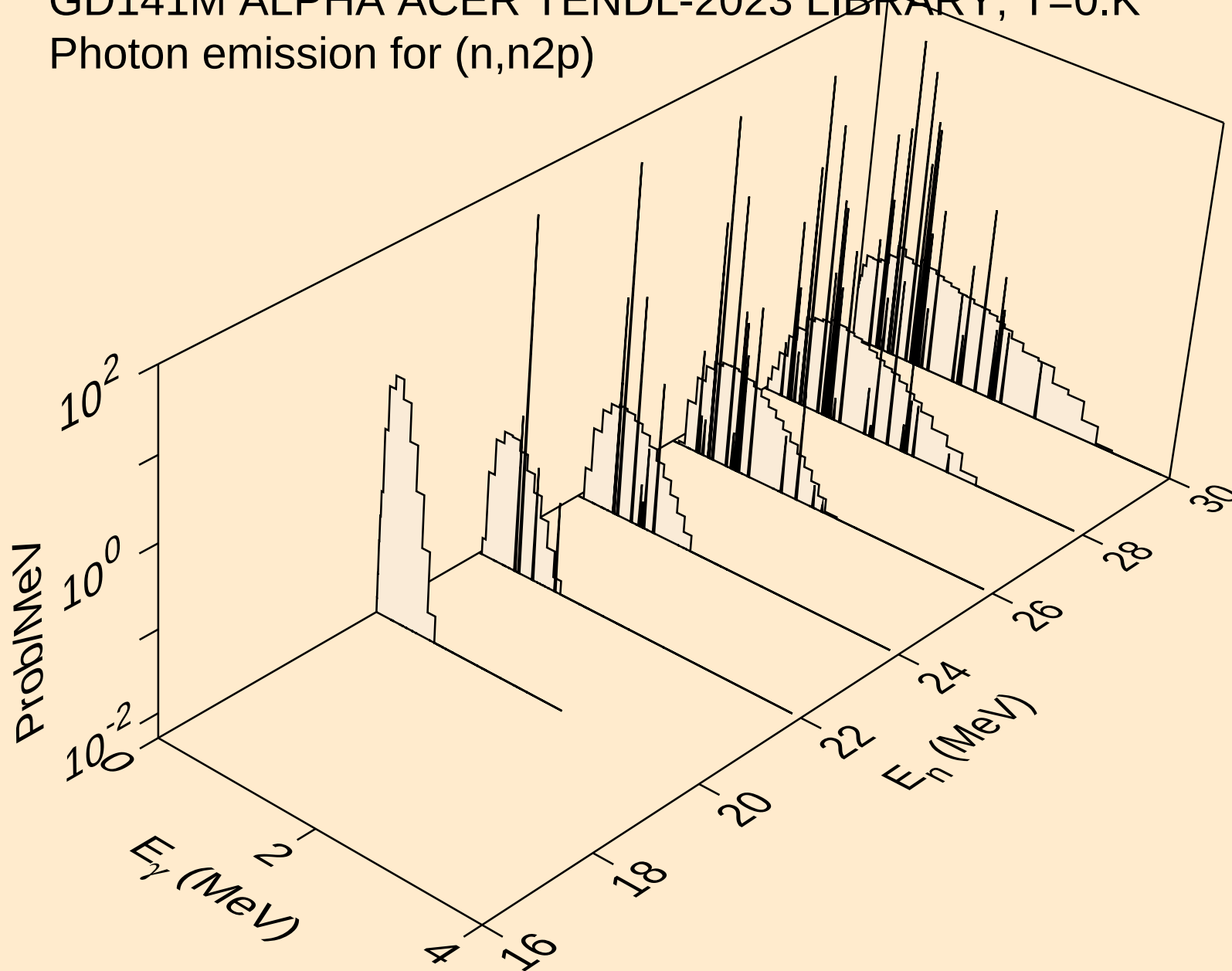


GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

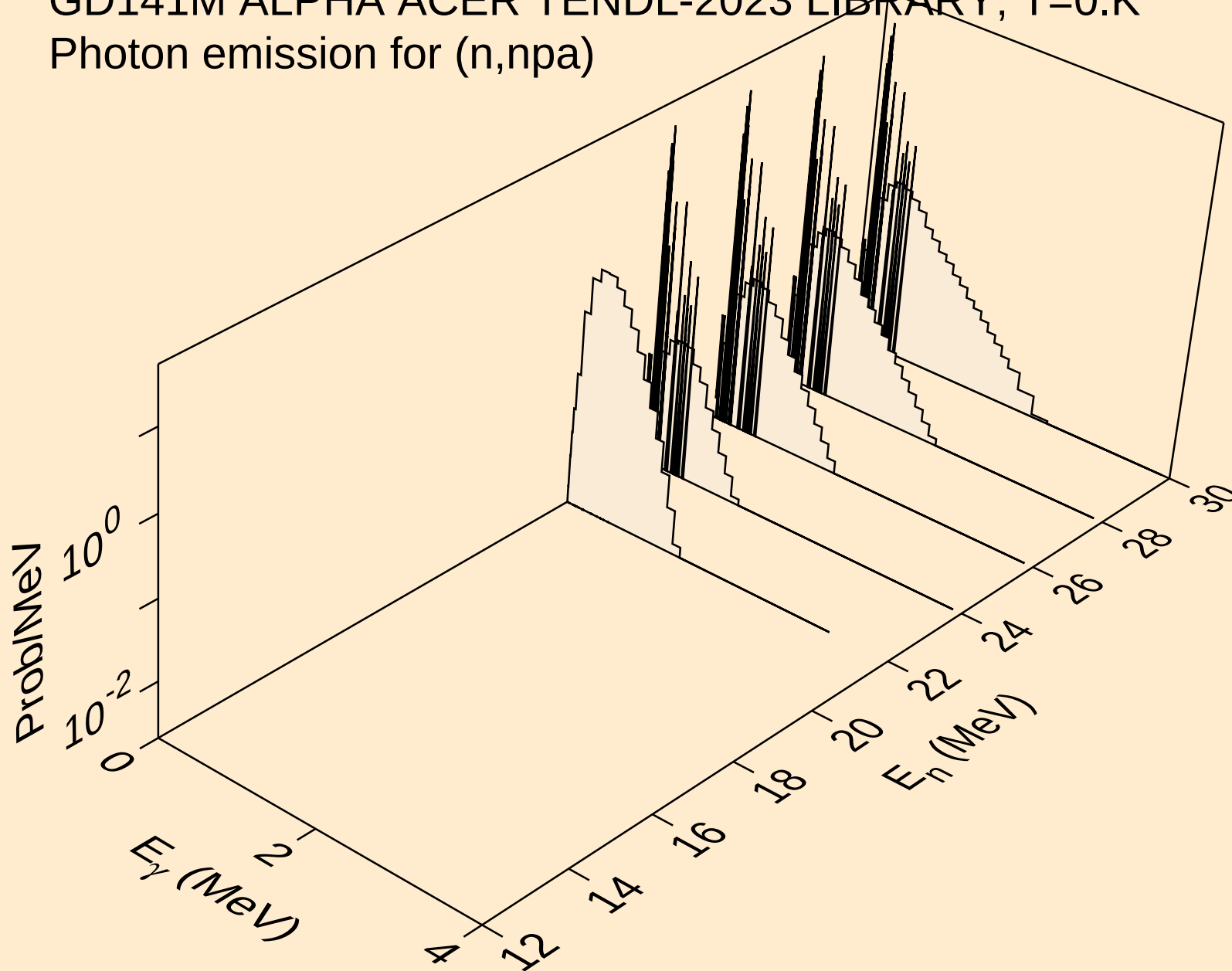
Photon emission for (n,n\*)2a



GD141M ALPHA ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,n2p)

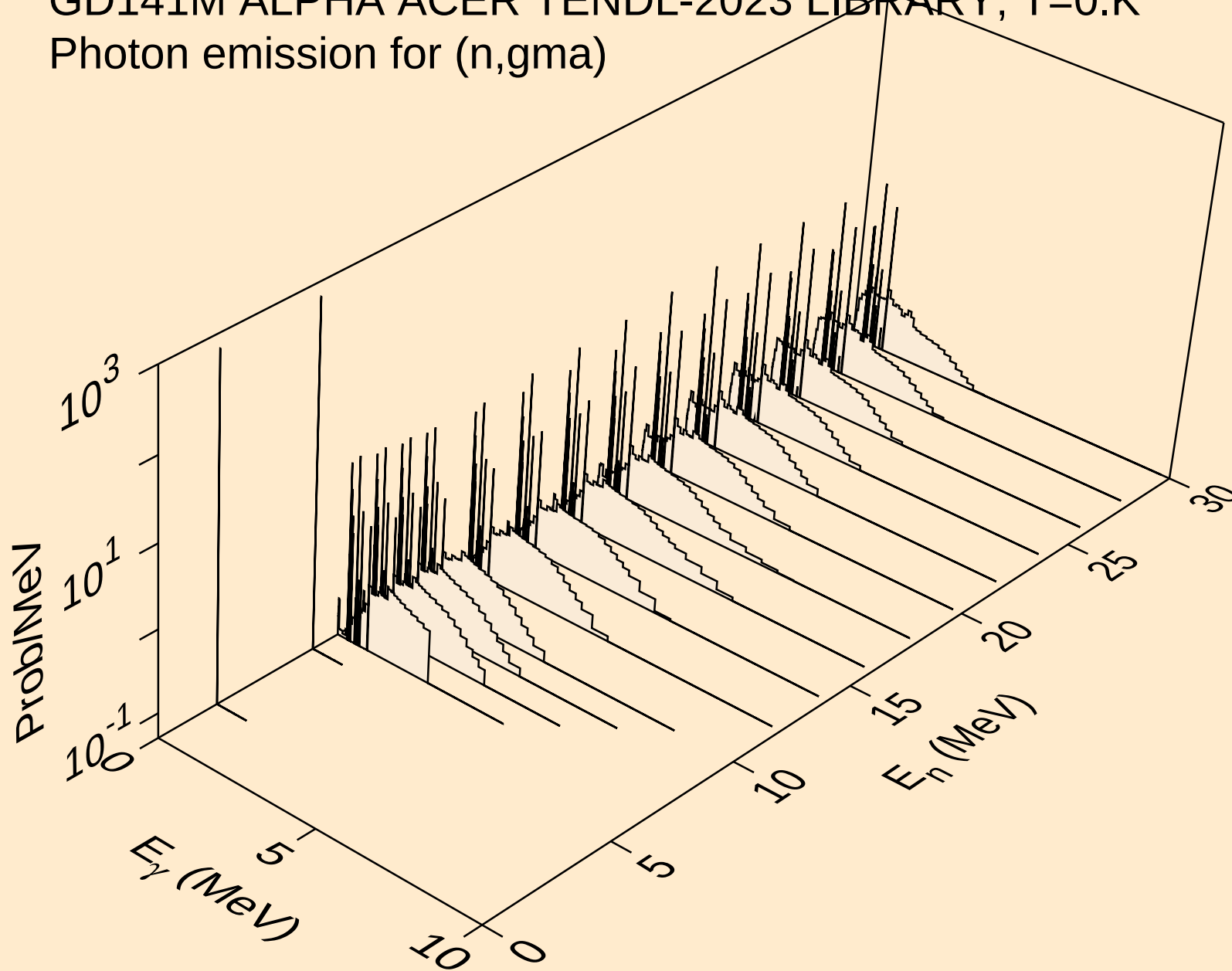


GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

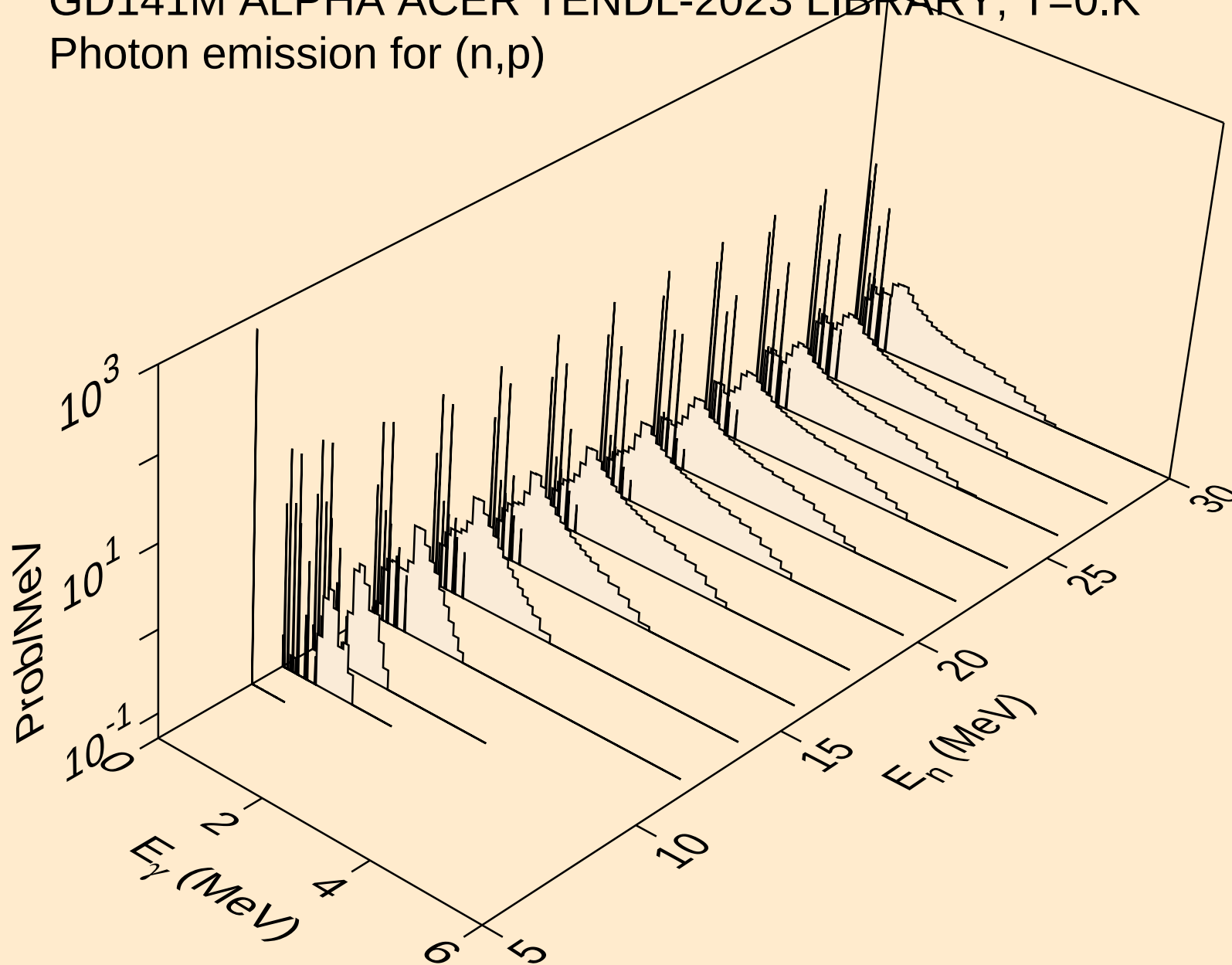




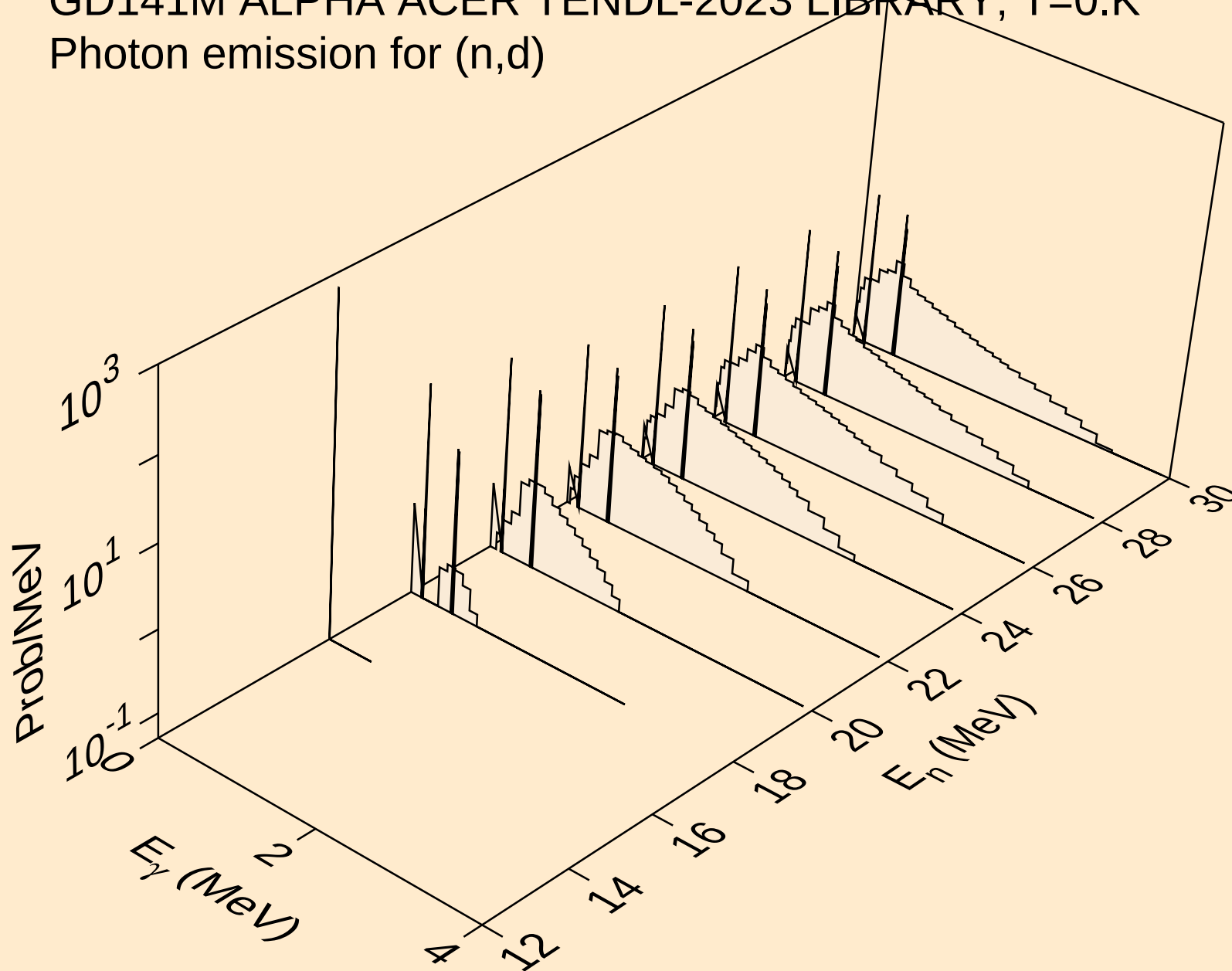
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Photon emission for (n,gma)



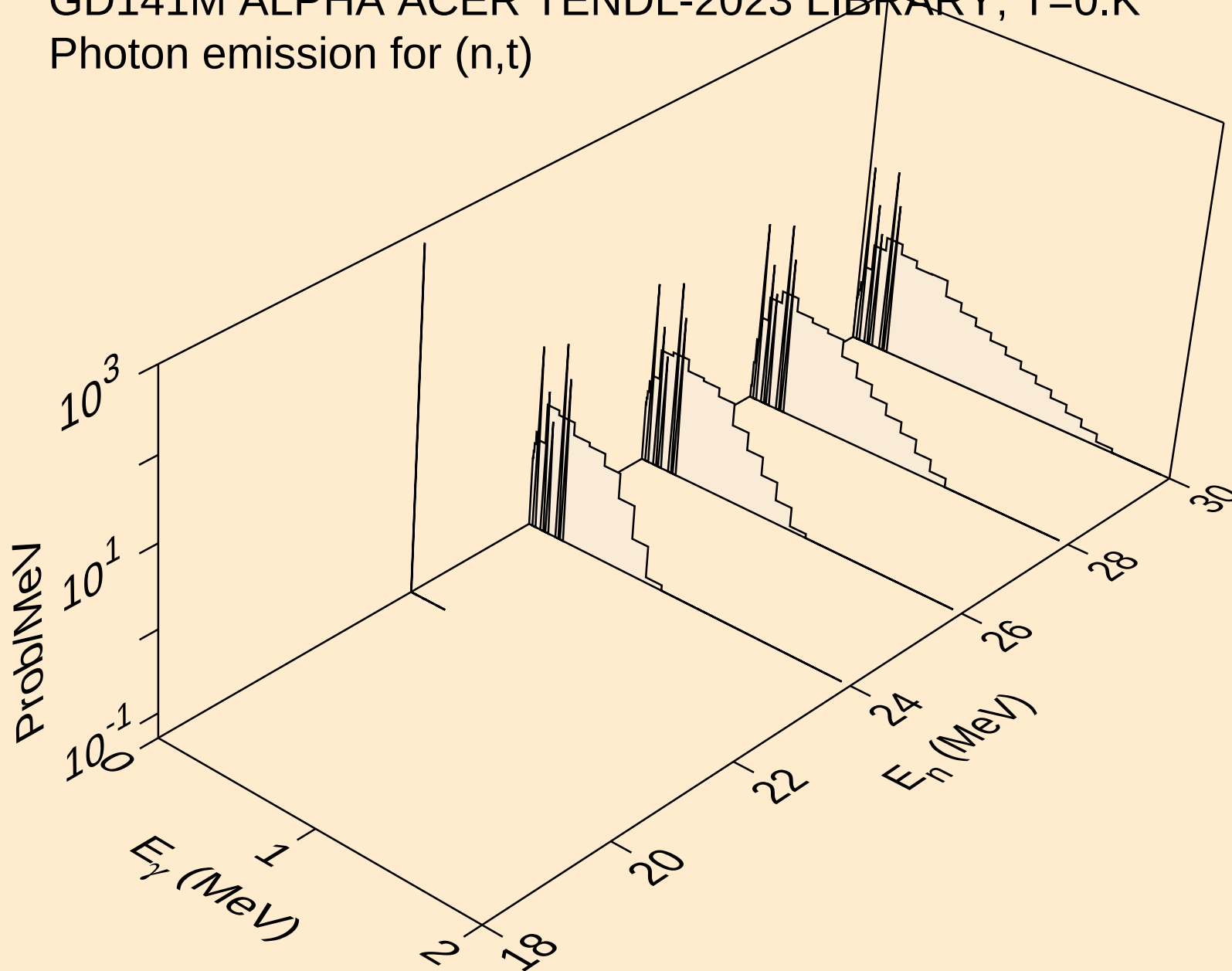
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Photon emission for (n,p)



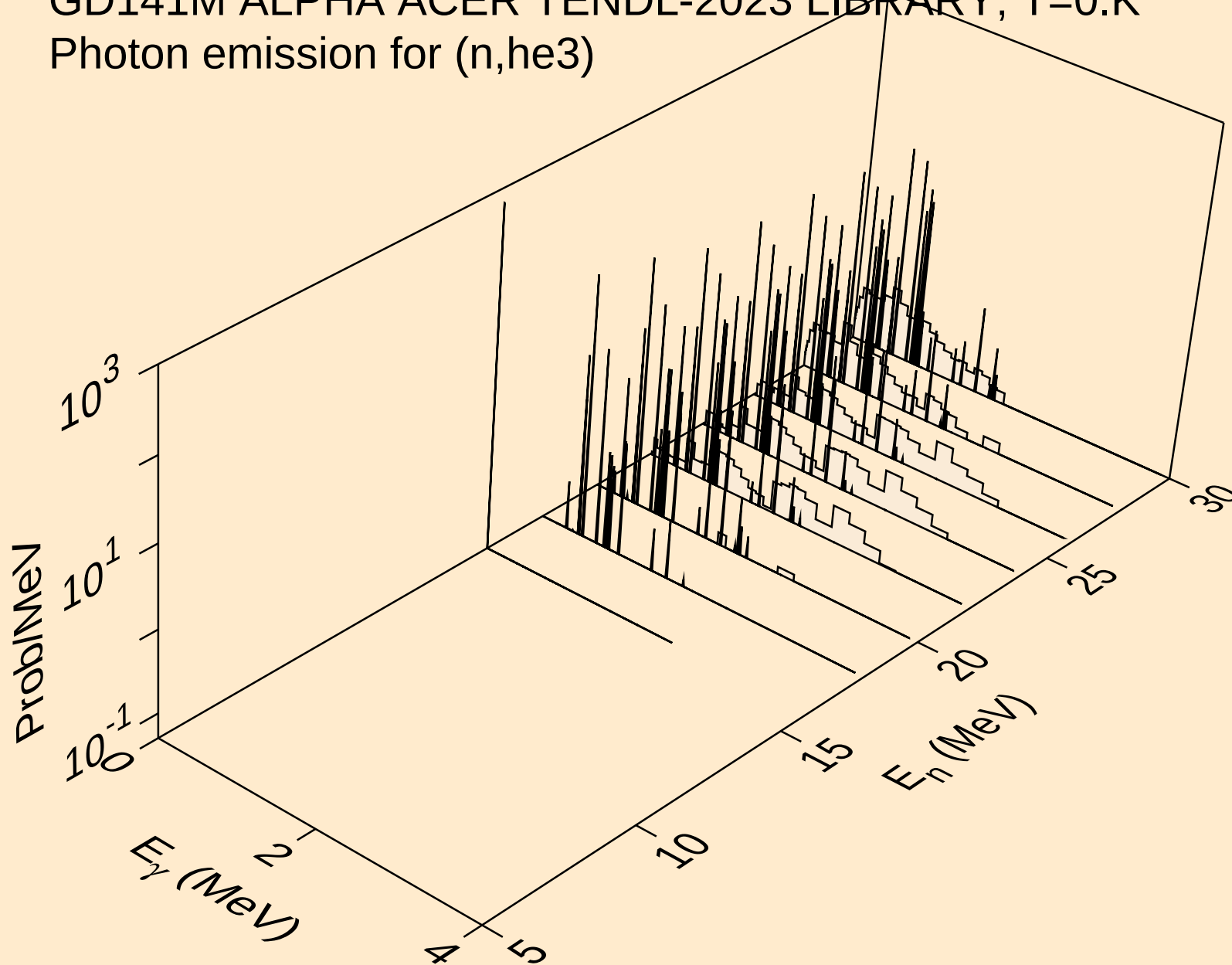
GD141M ALPHA ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,d)



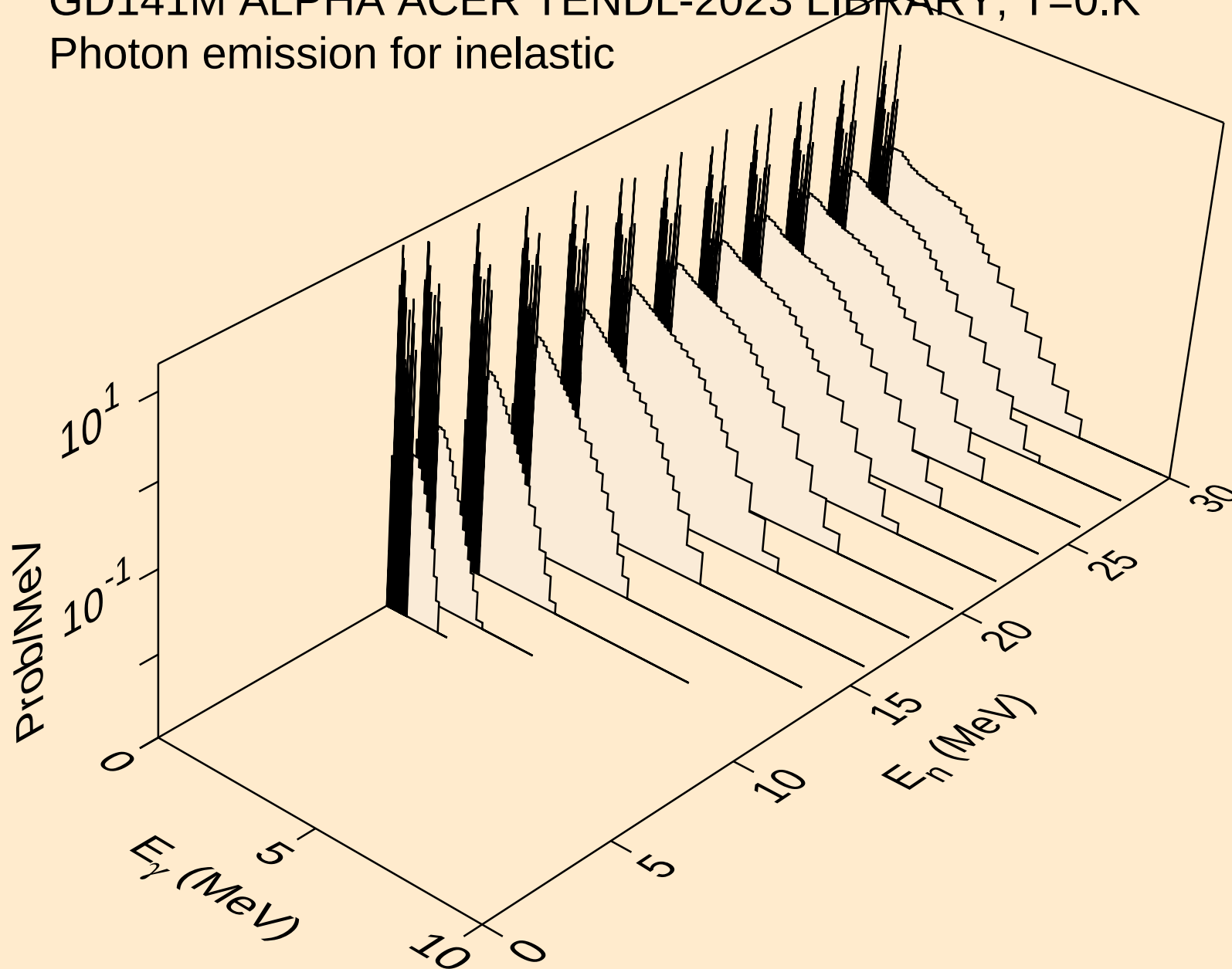
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Photon emission for (n,t)



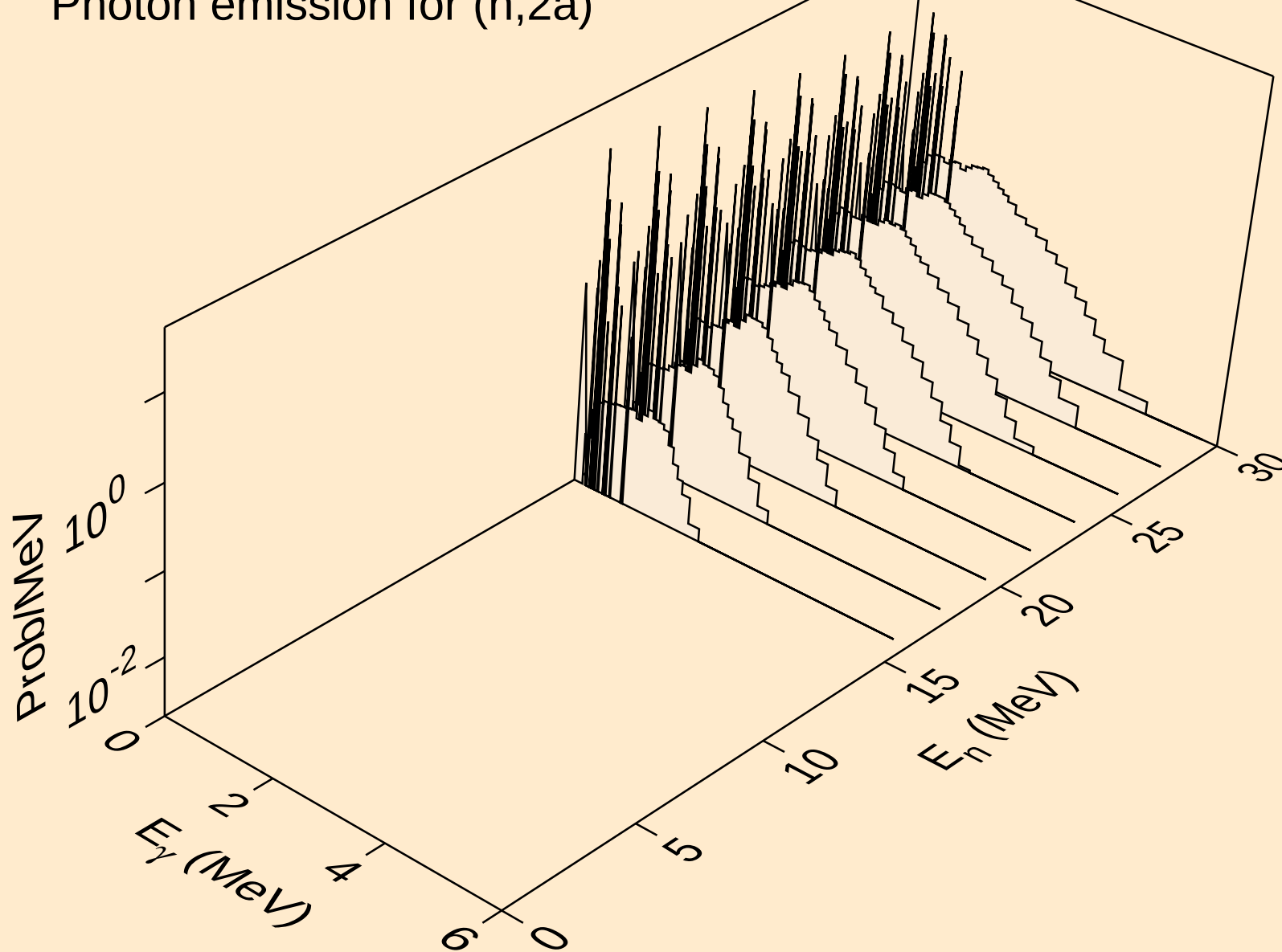
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Photon emission for (n,he3)



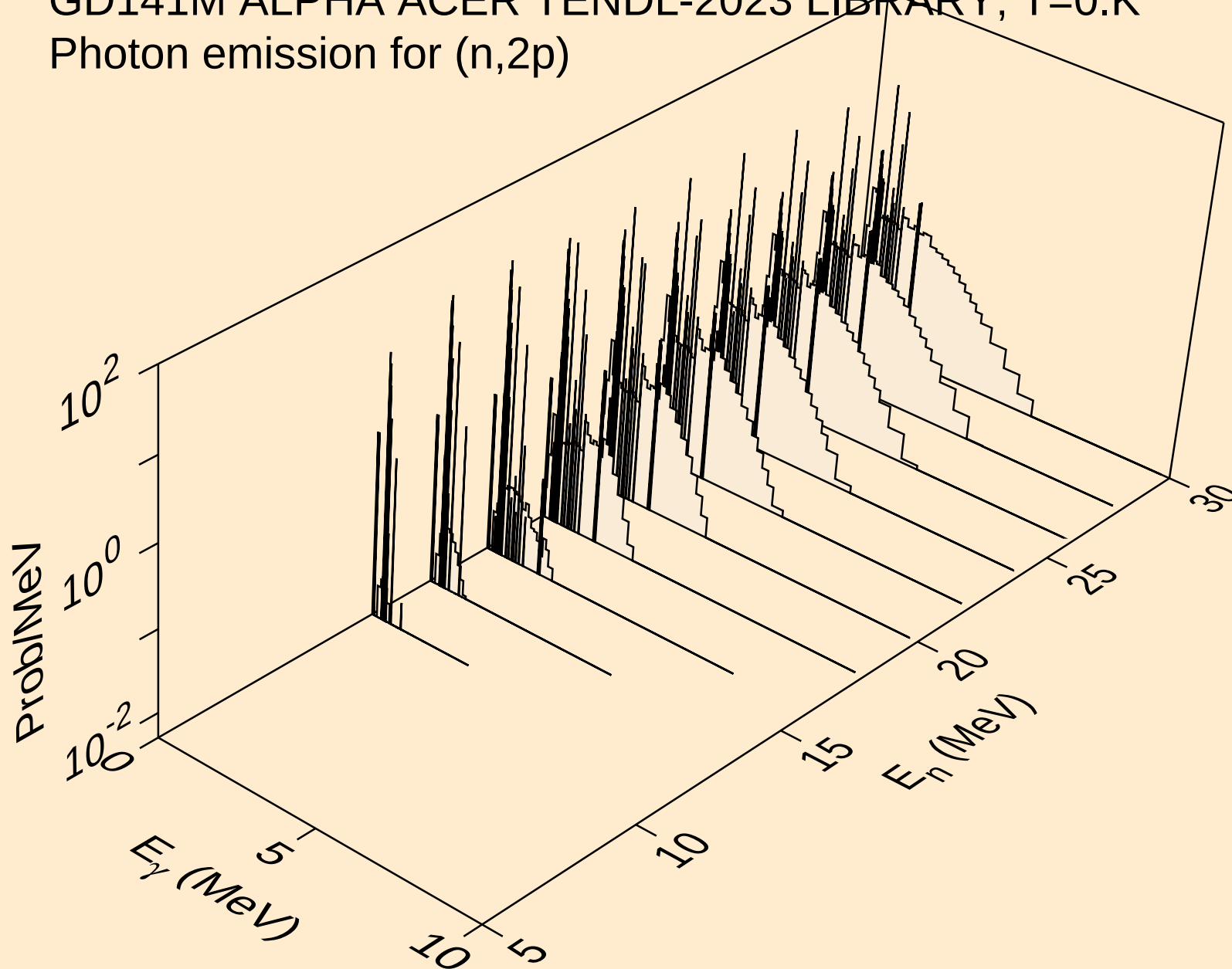
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



GD141M ALPHA ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,2a)

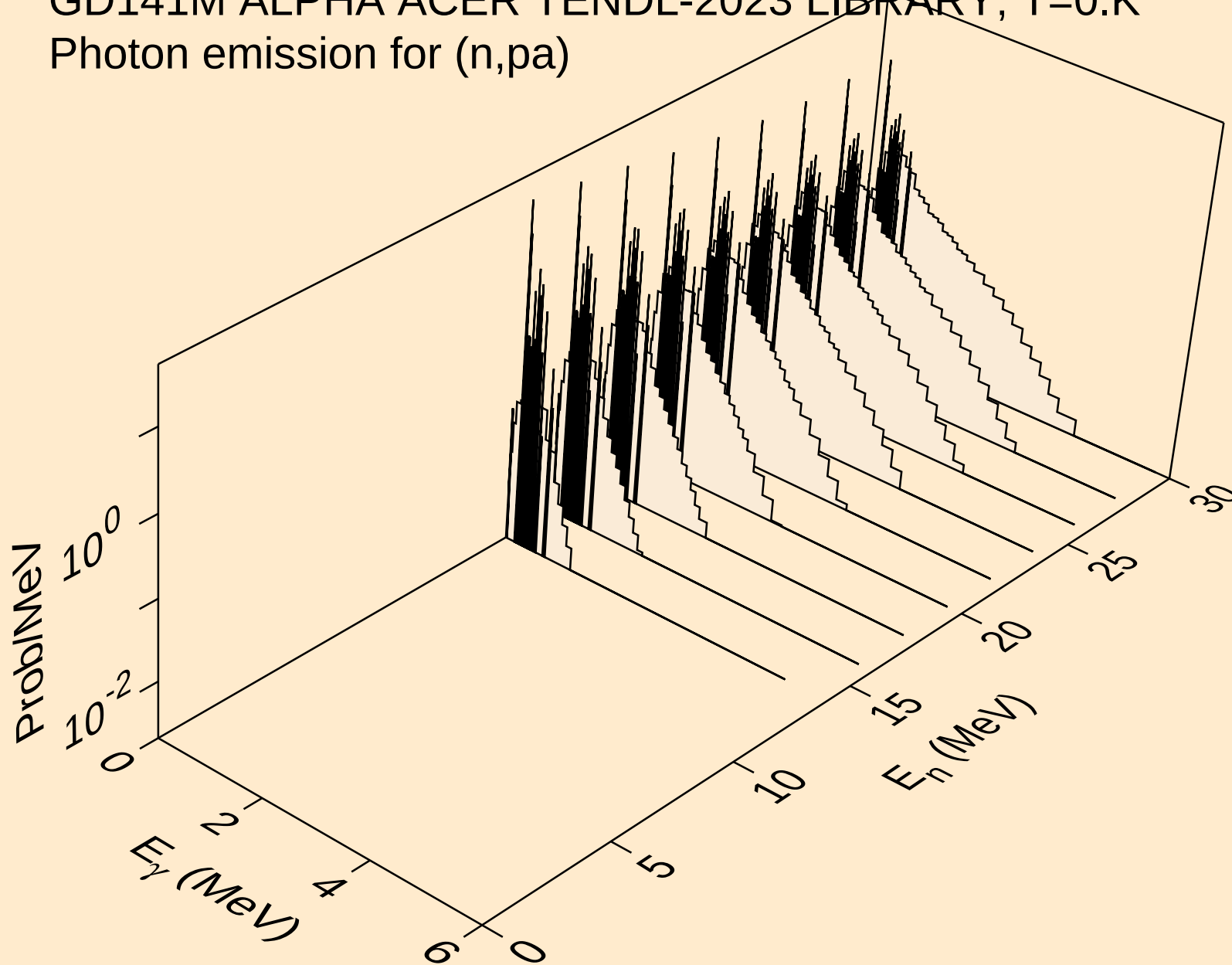


GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



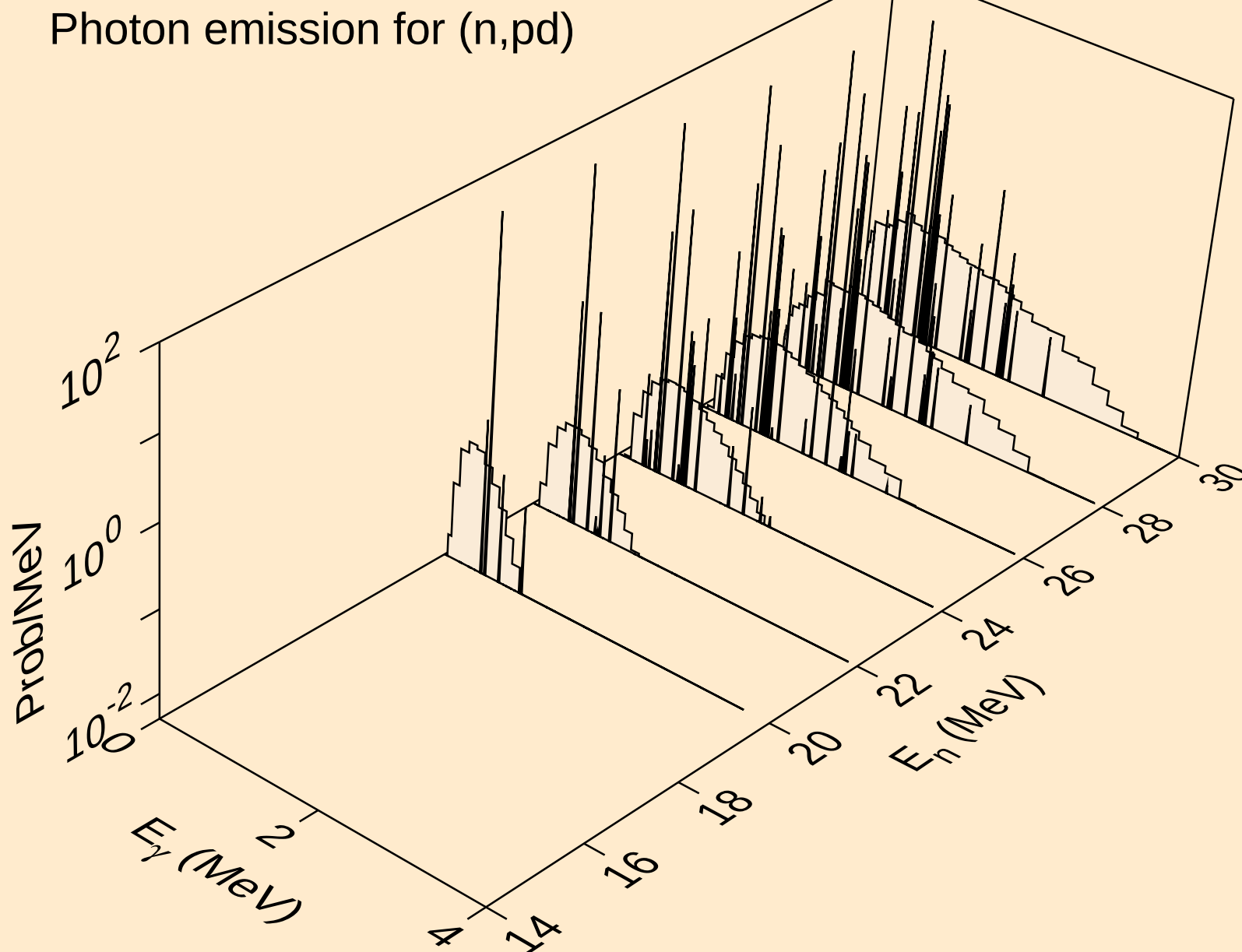


GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



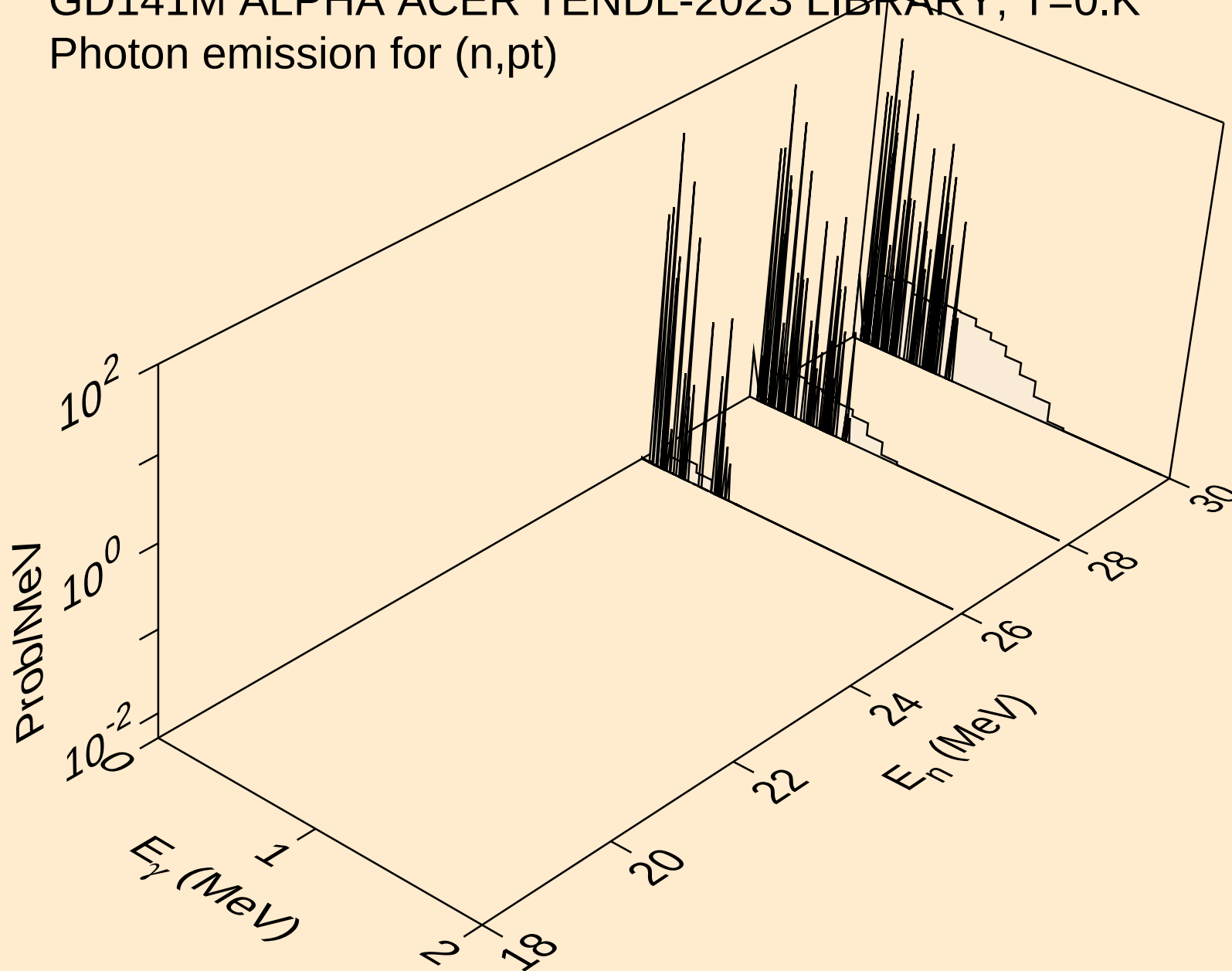
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pd)

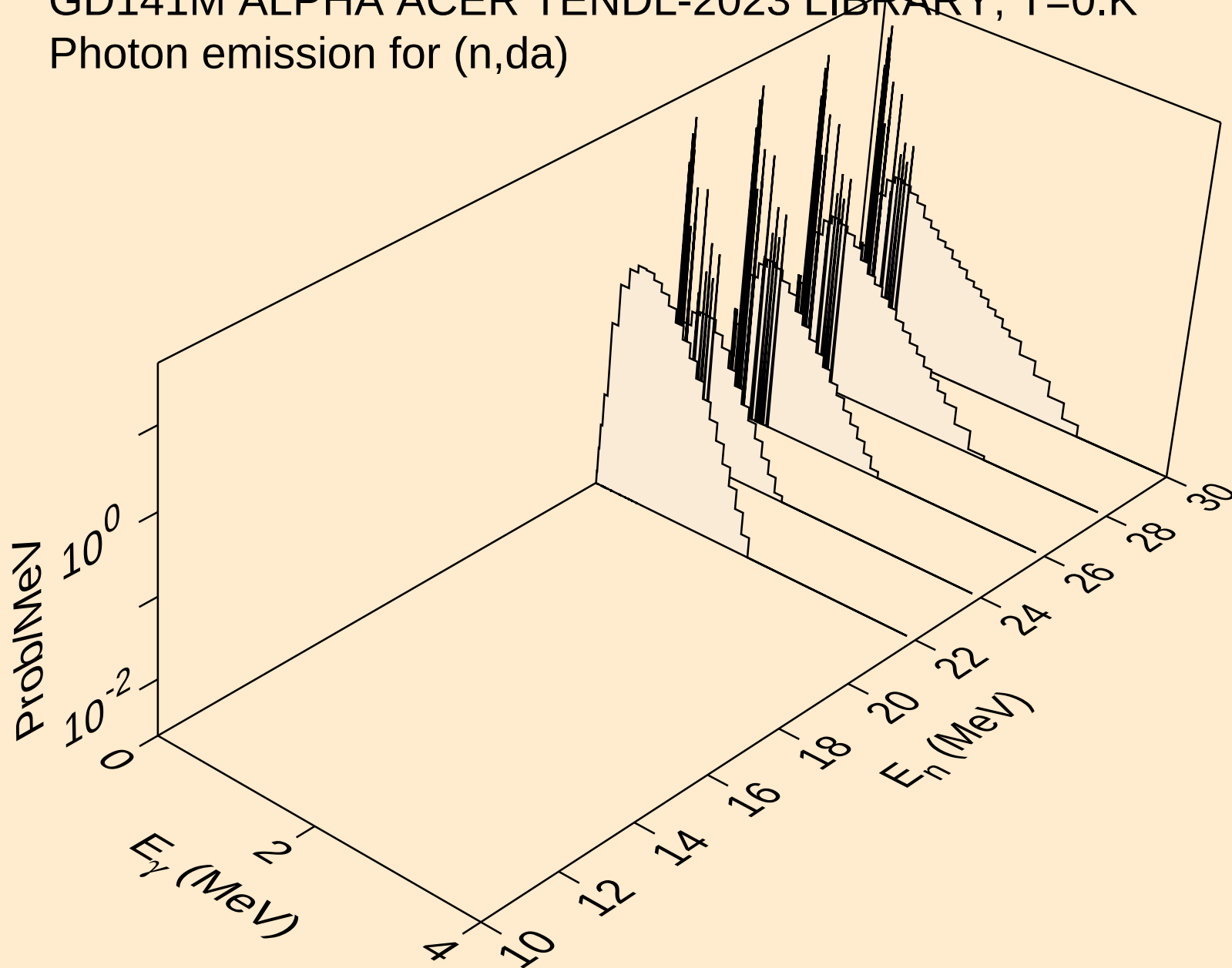


GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

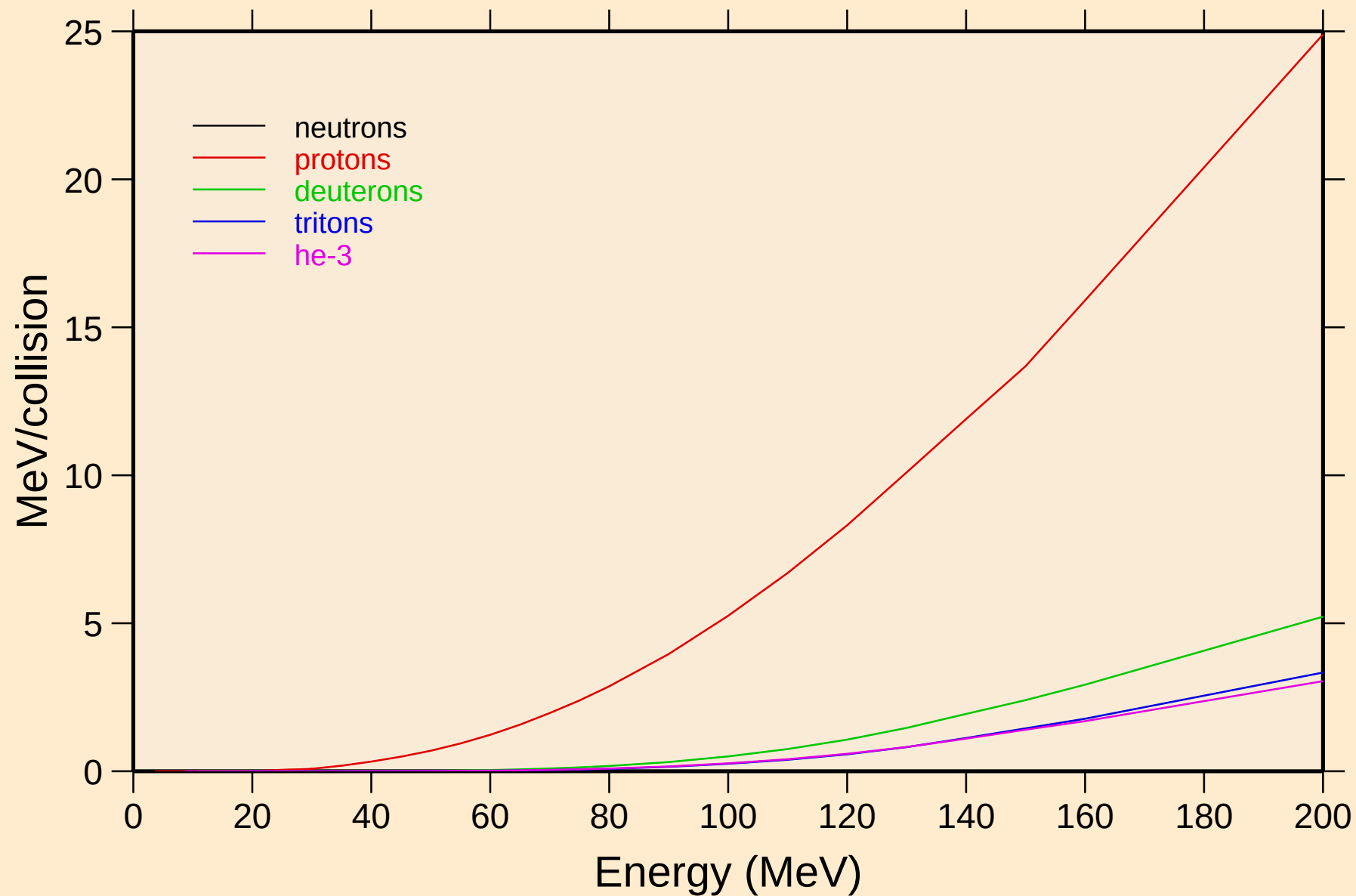


GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



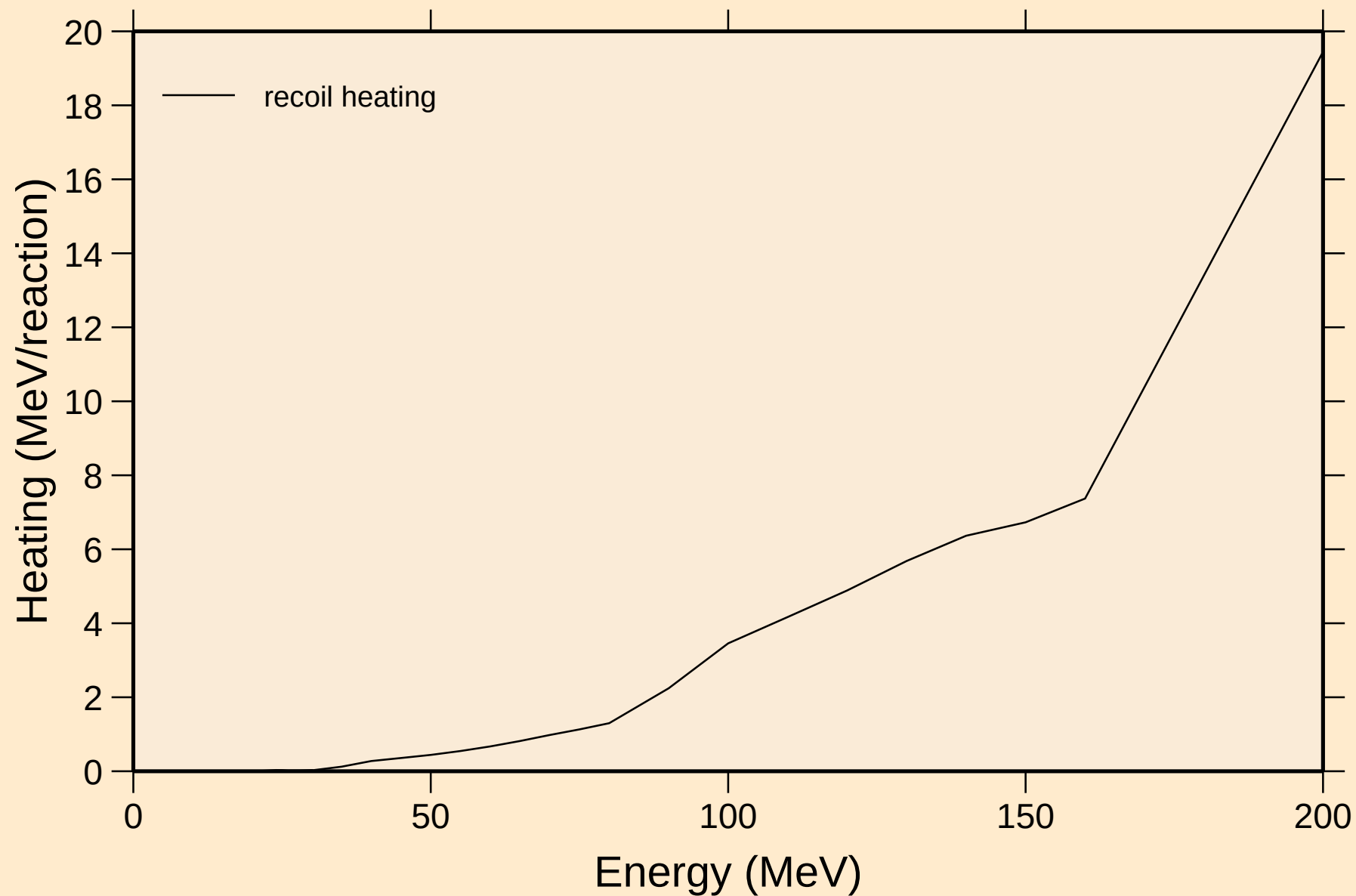
# GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



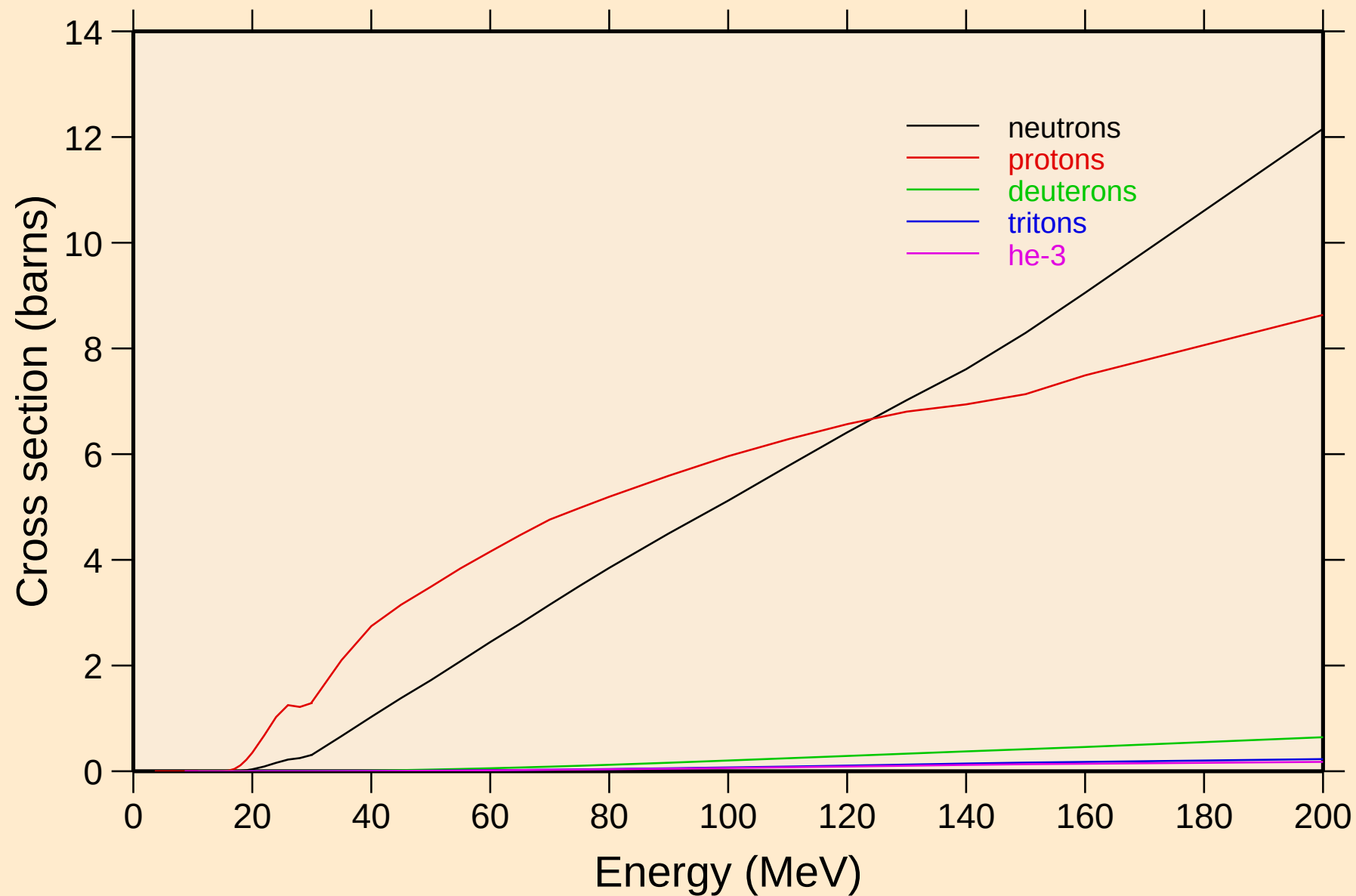
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

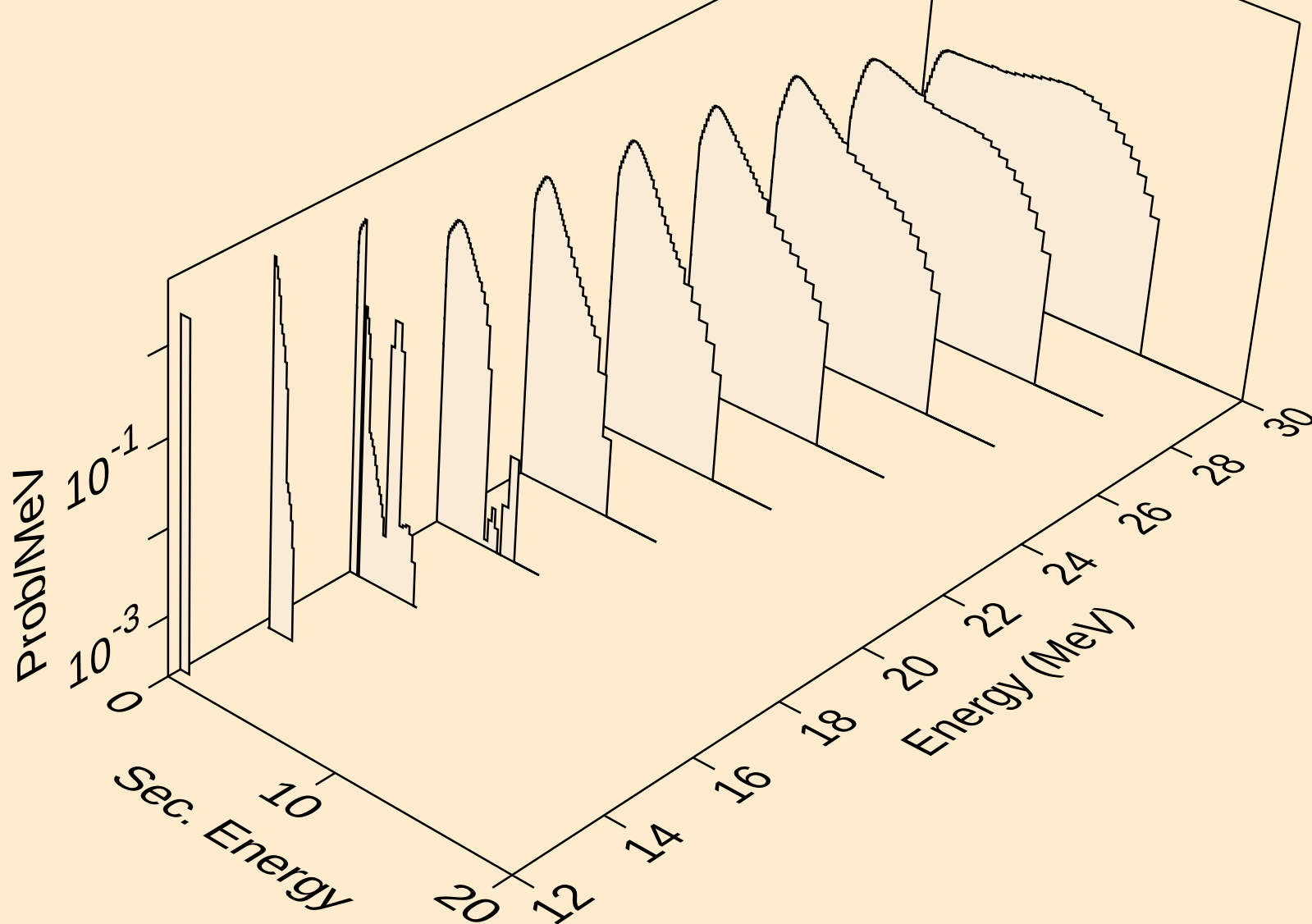


# GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle production cross sections

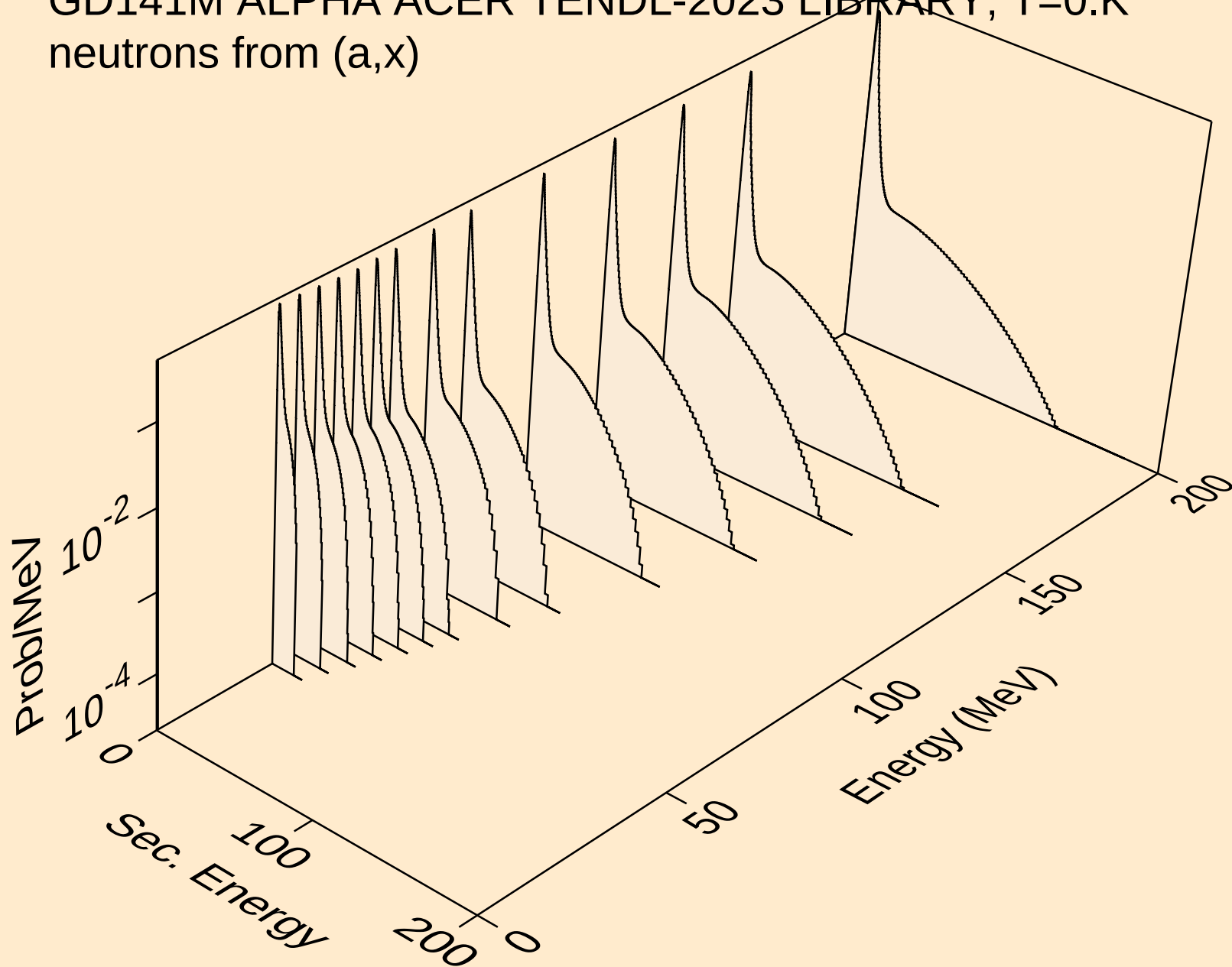


GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

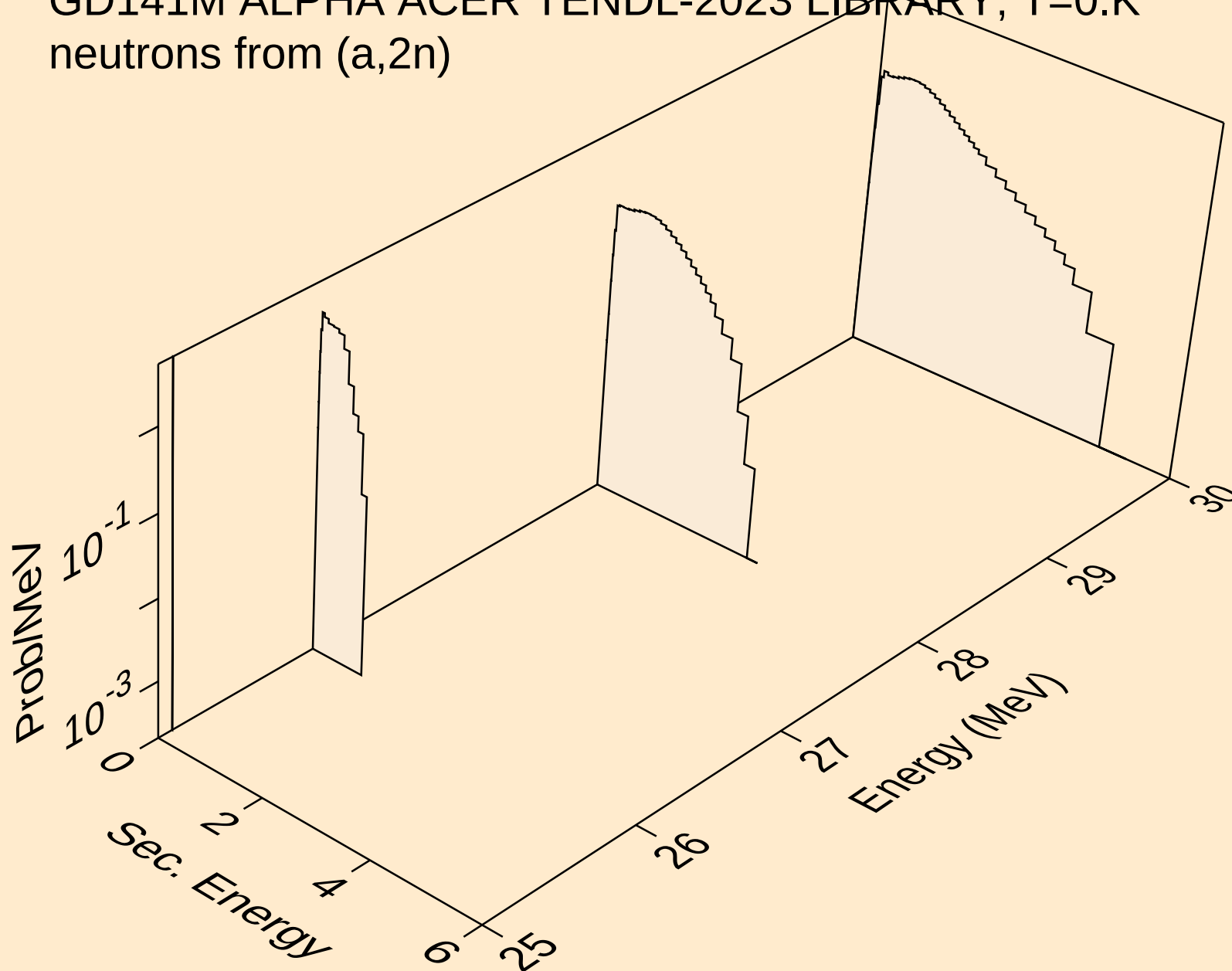




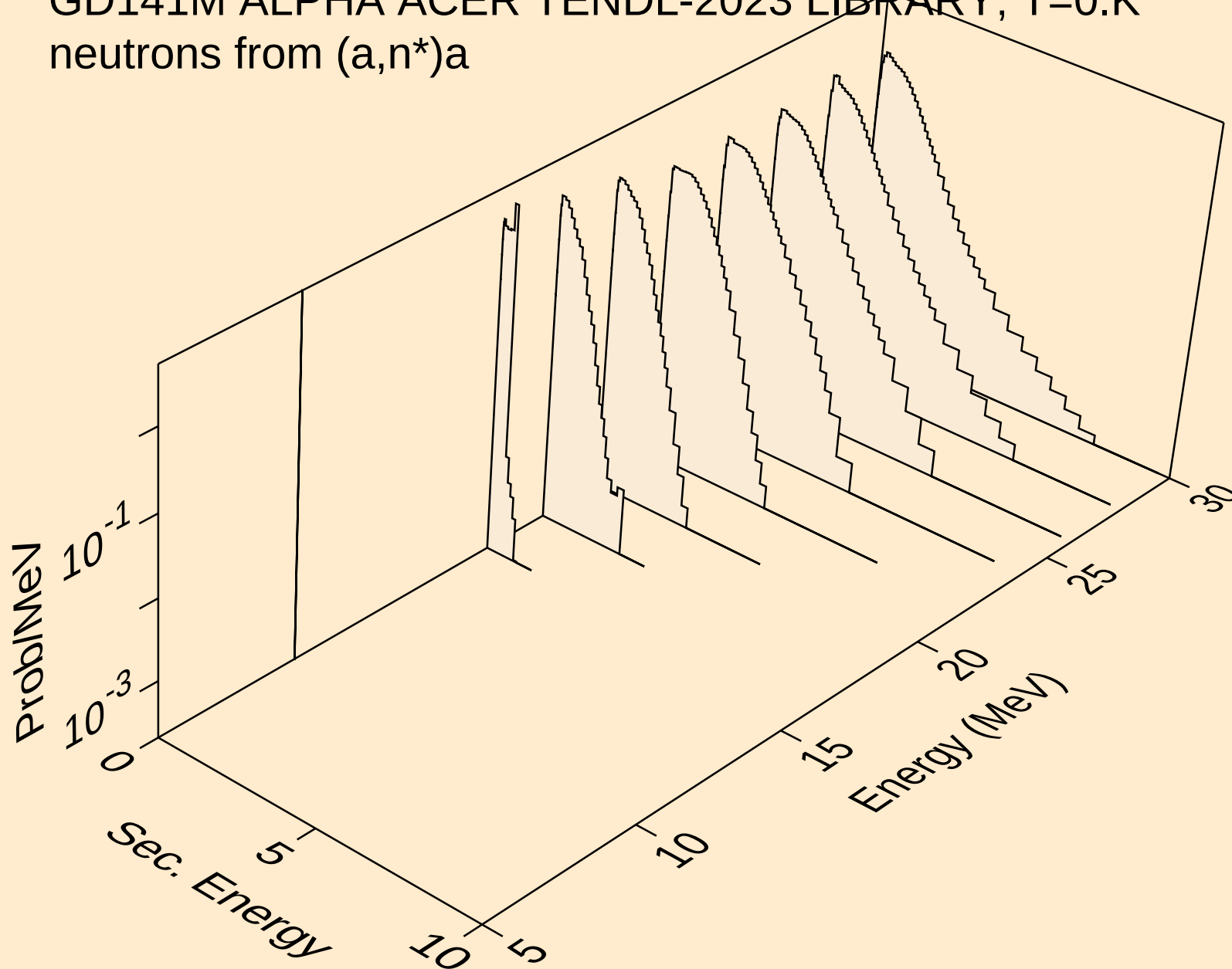
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neutrons from (a,x)



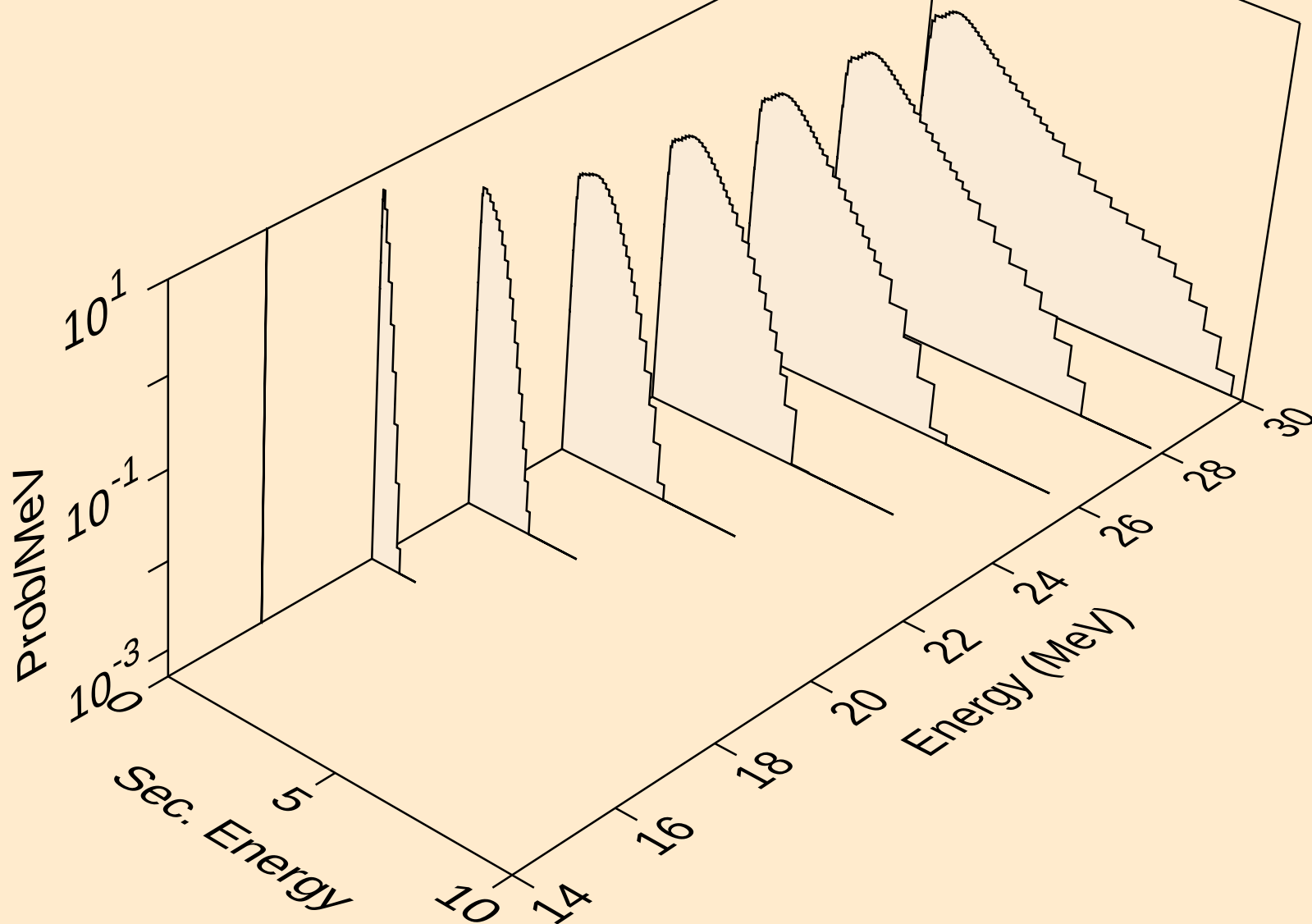
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neutrons from (a,2n)



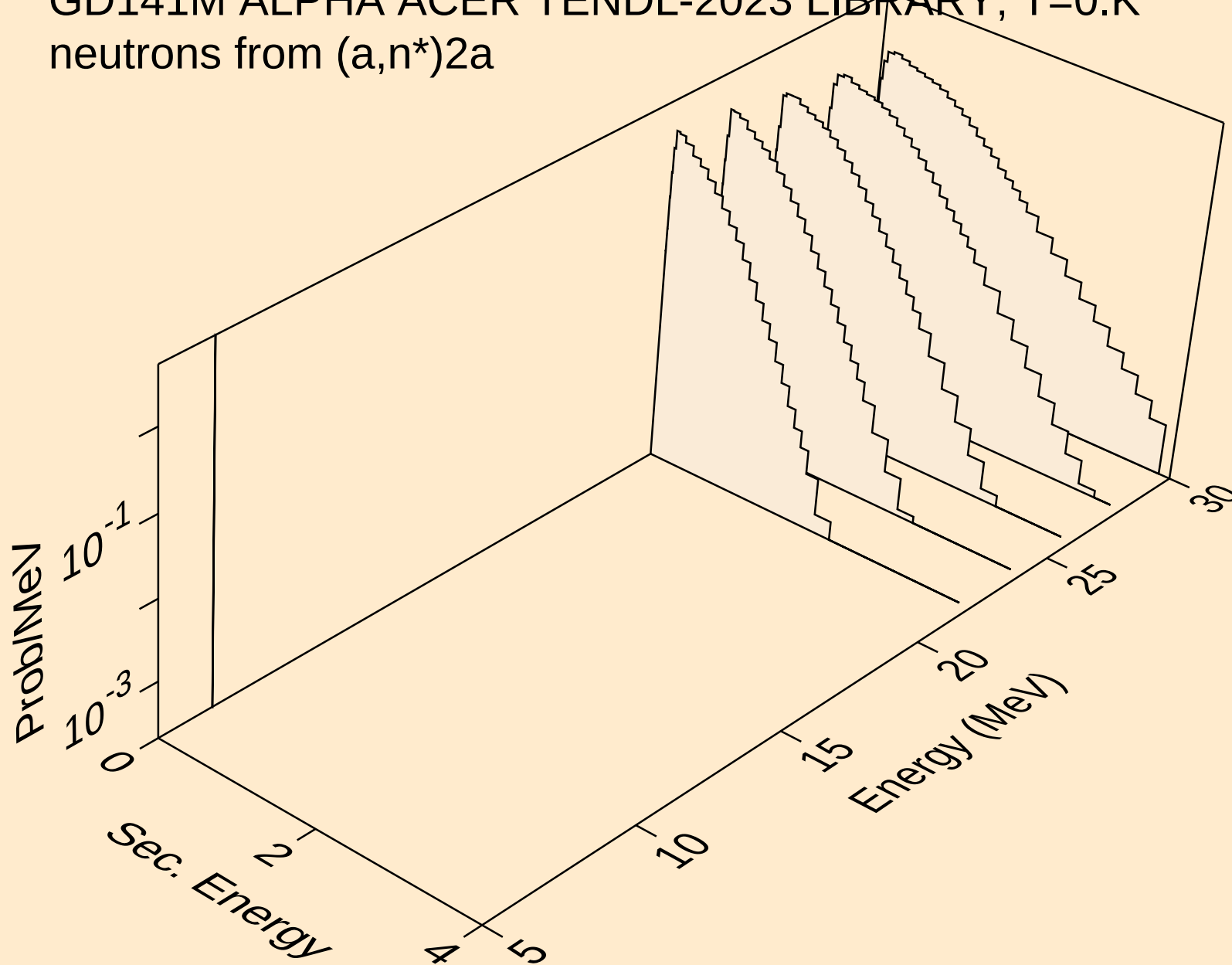
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



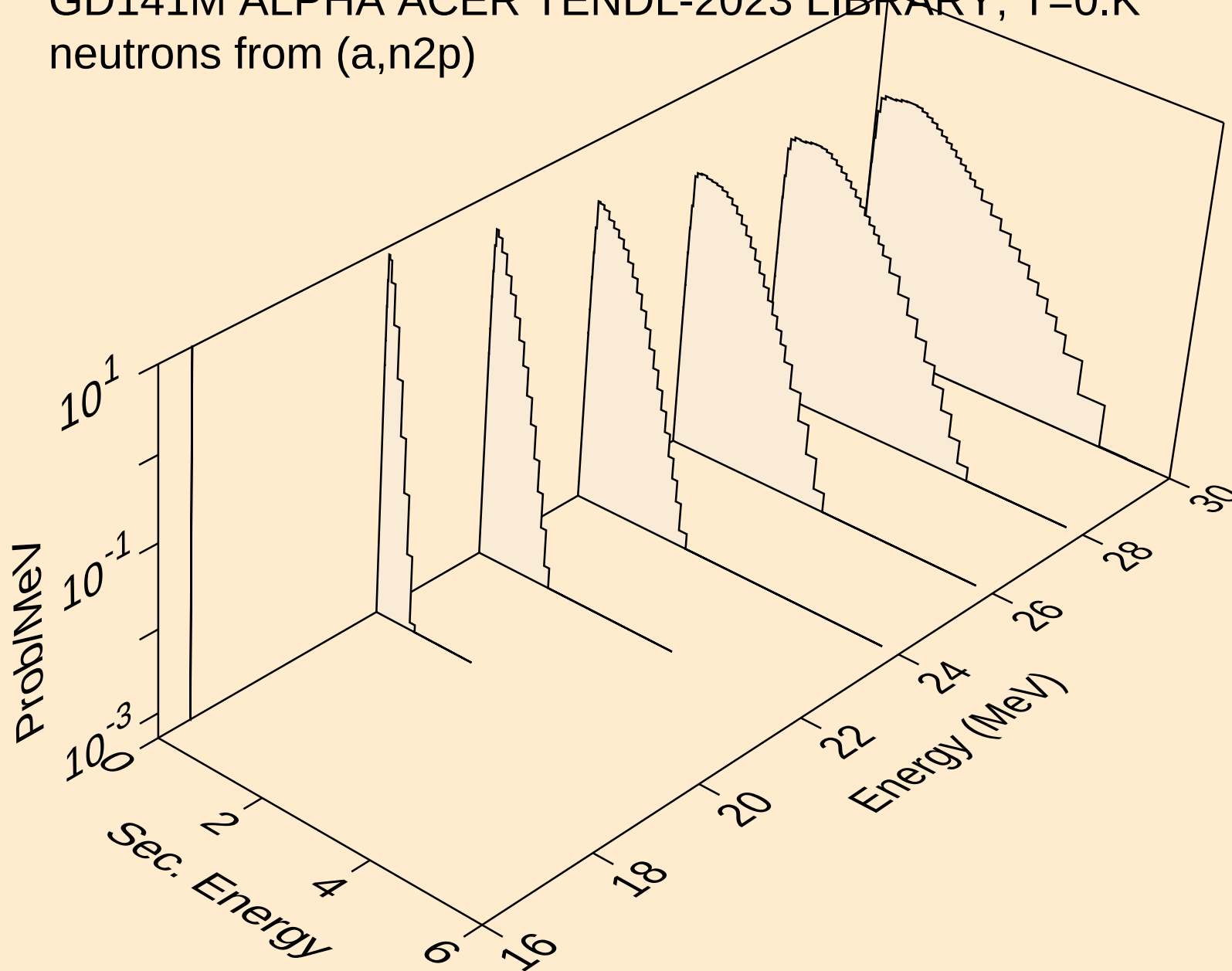
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neutrons from (a,n\*)p



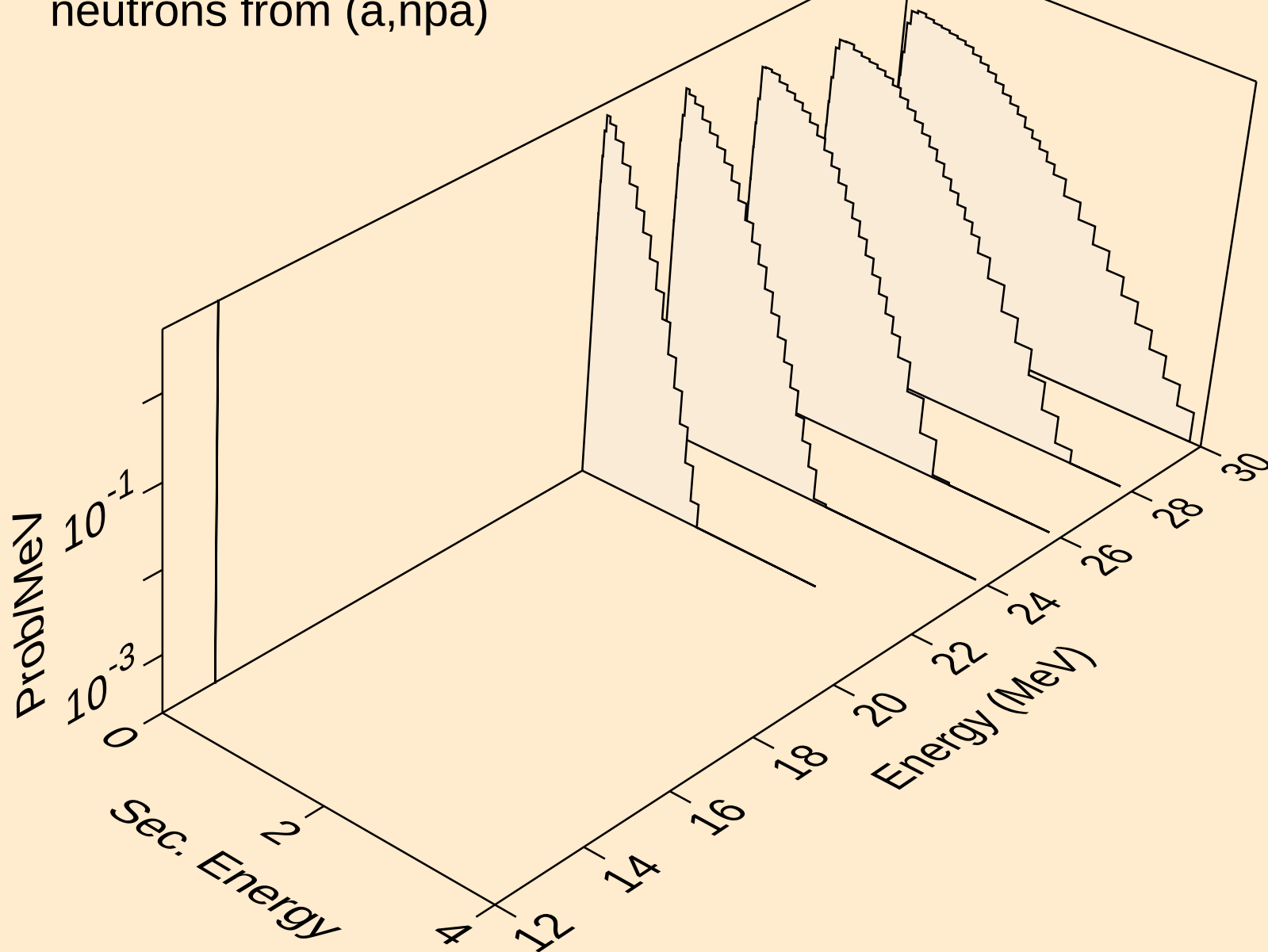
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neutrons from (a,n\*)2a



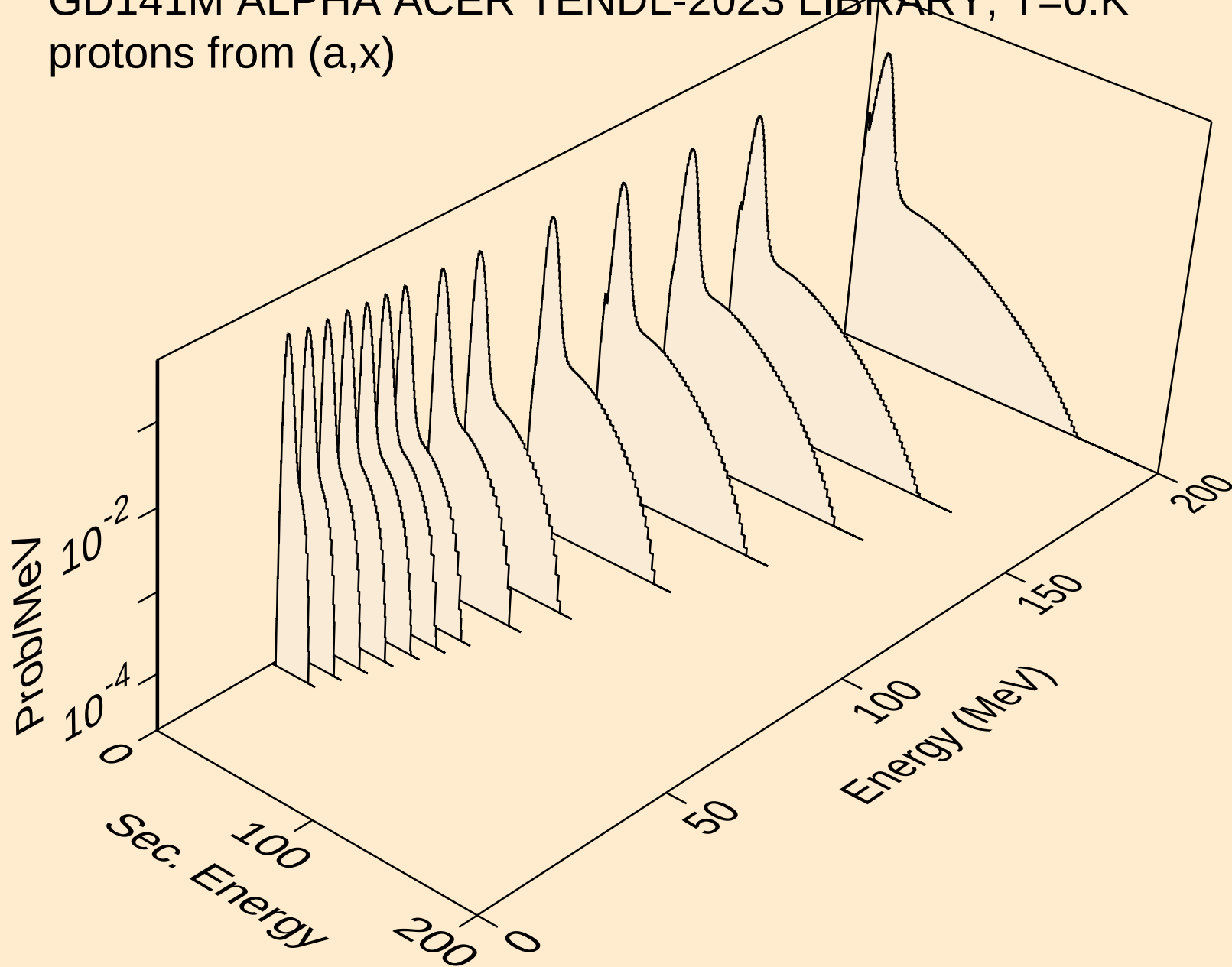
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)

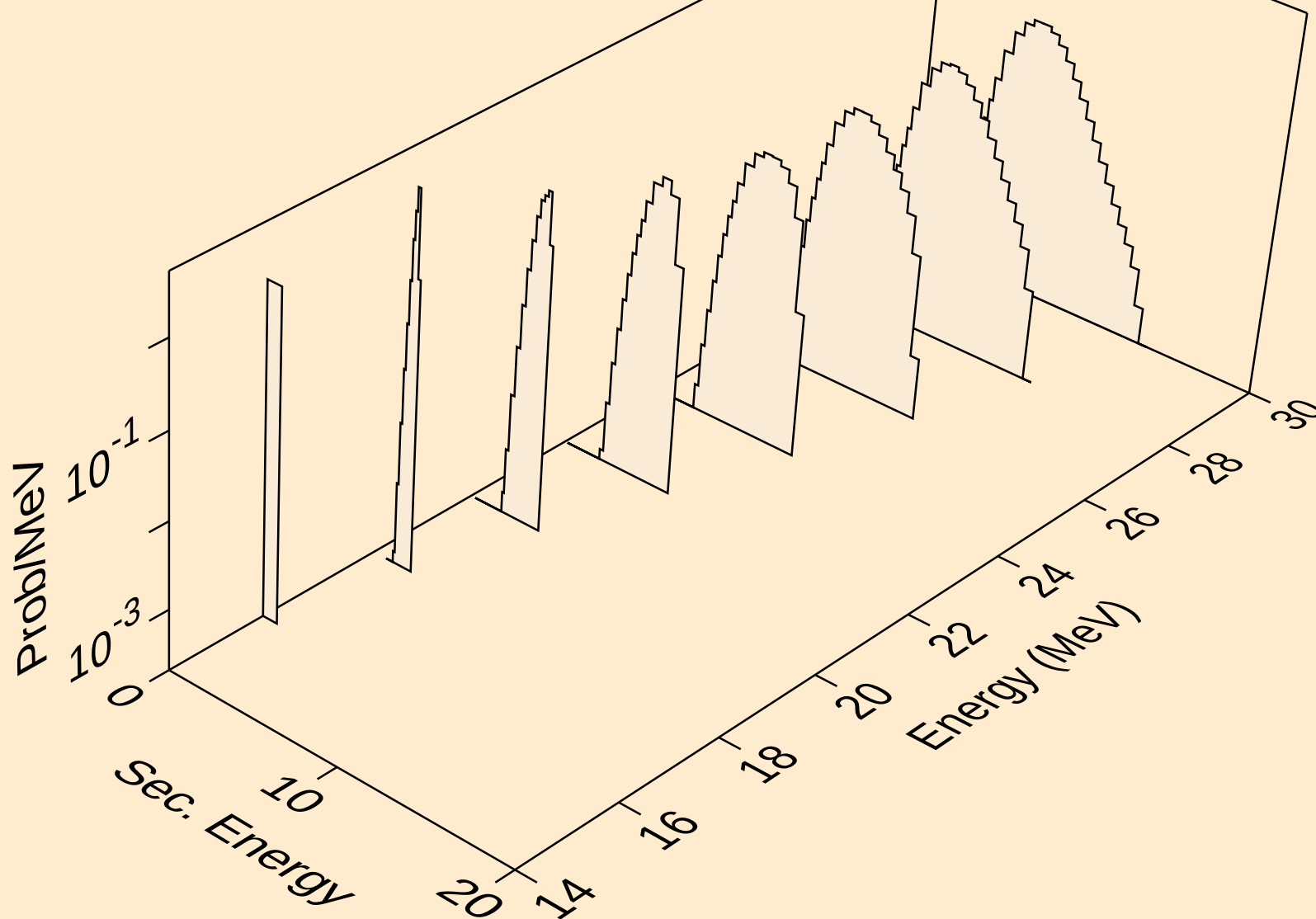


GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

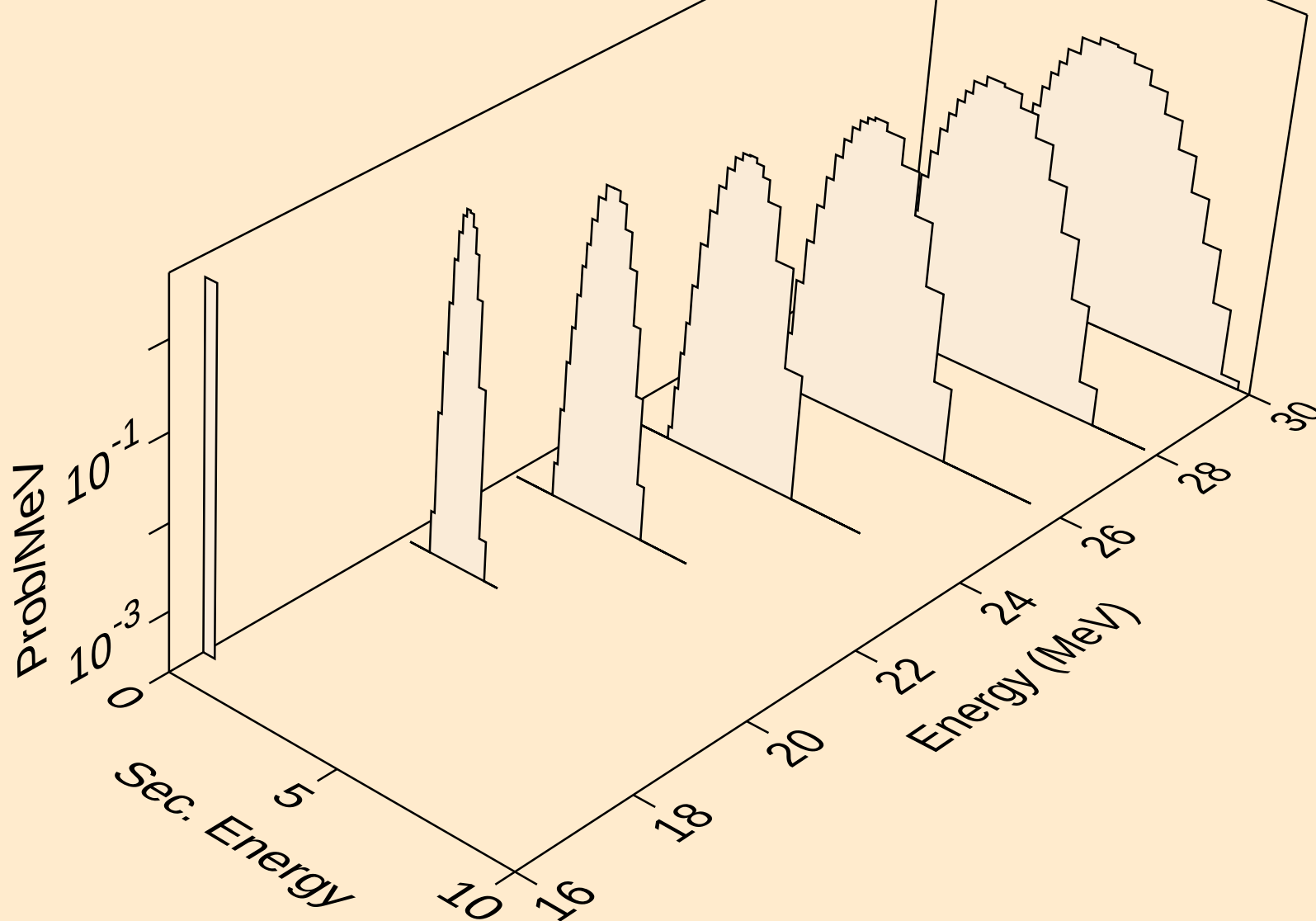




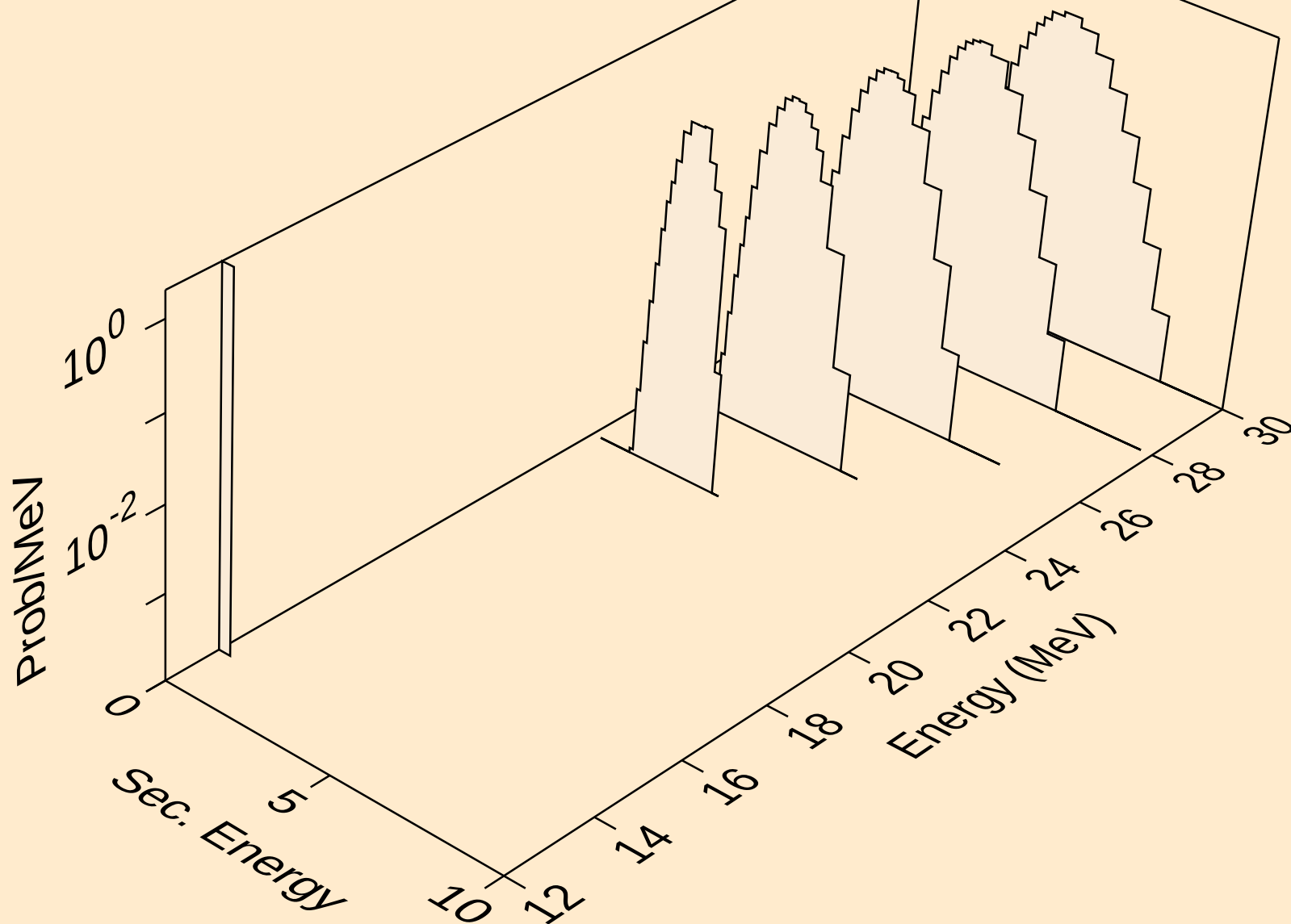
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protons from (a,n\*)p



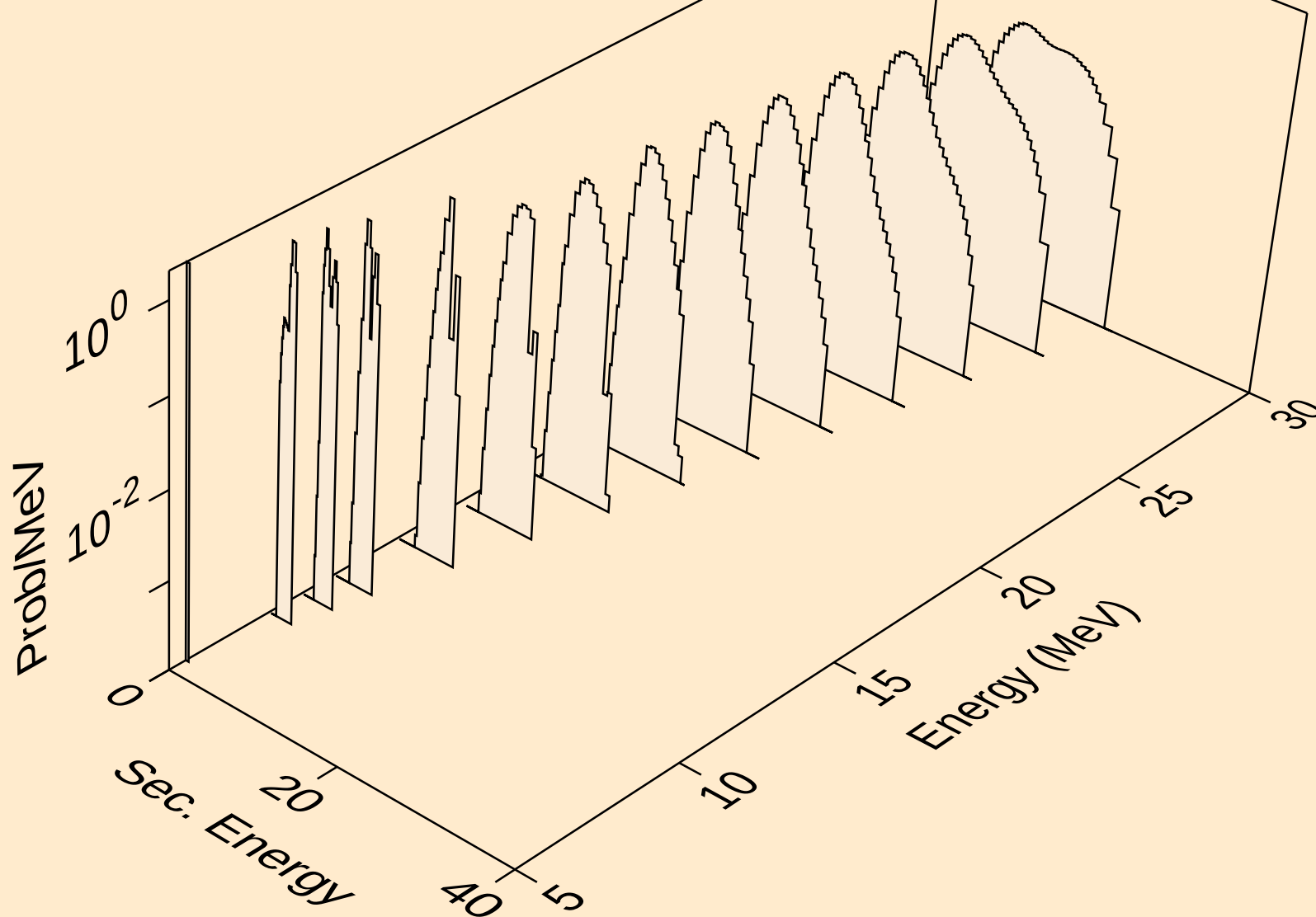
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protons from (a,n2p)



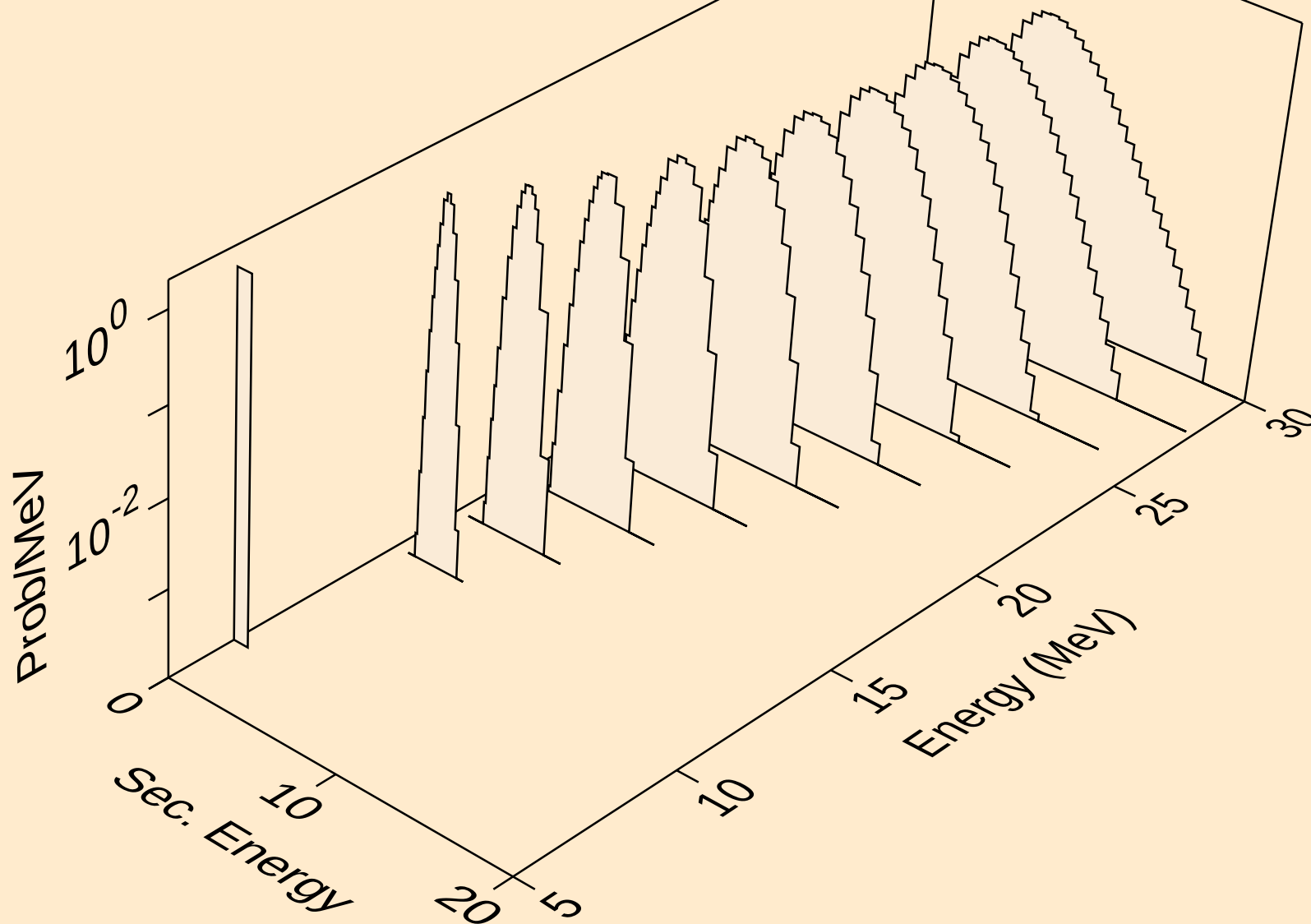
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protons from (a,npa)



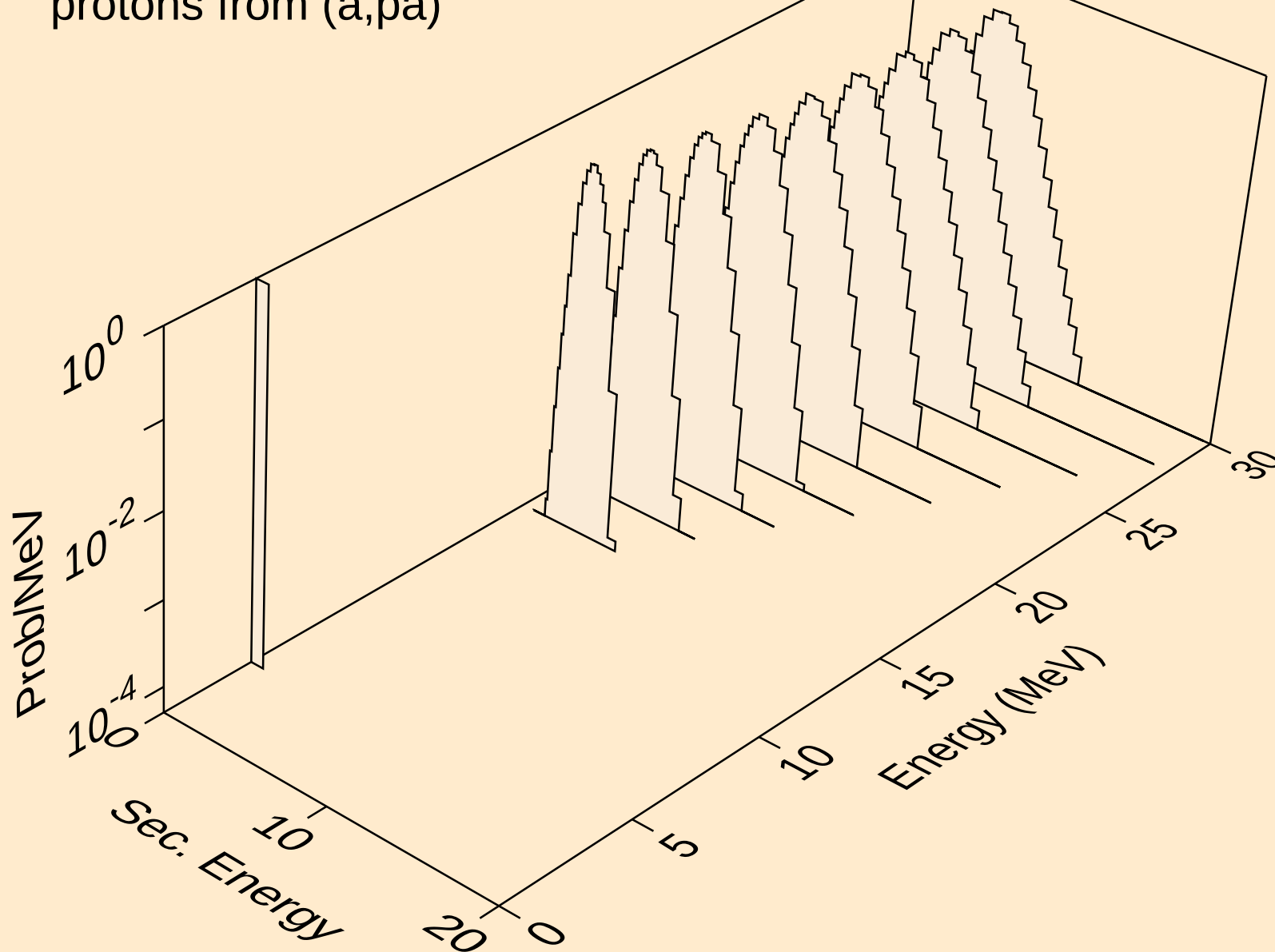
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protons from (a,p)



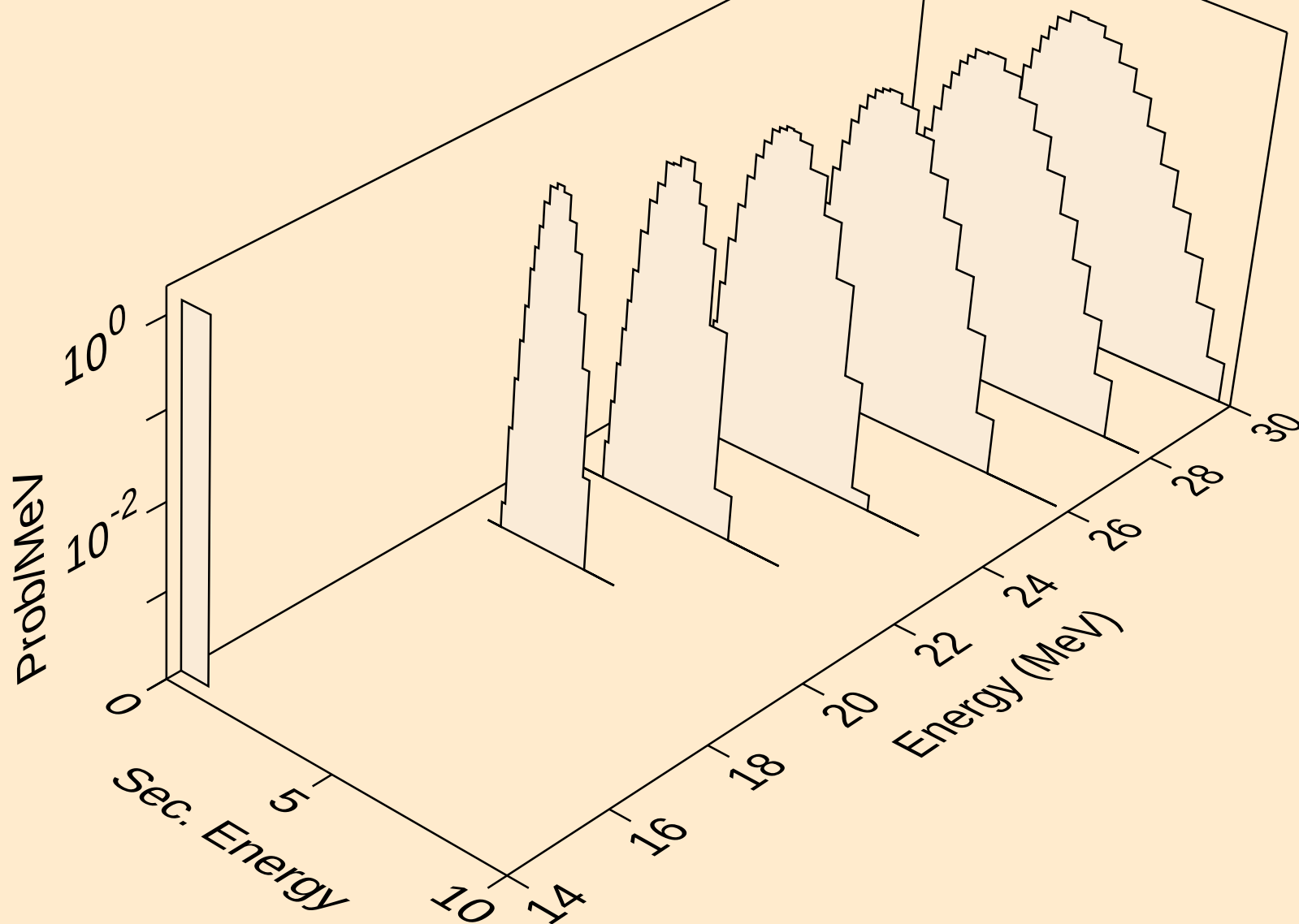
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protons from (a,2p)



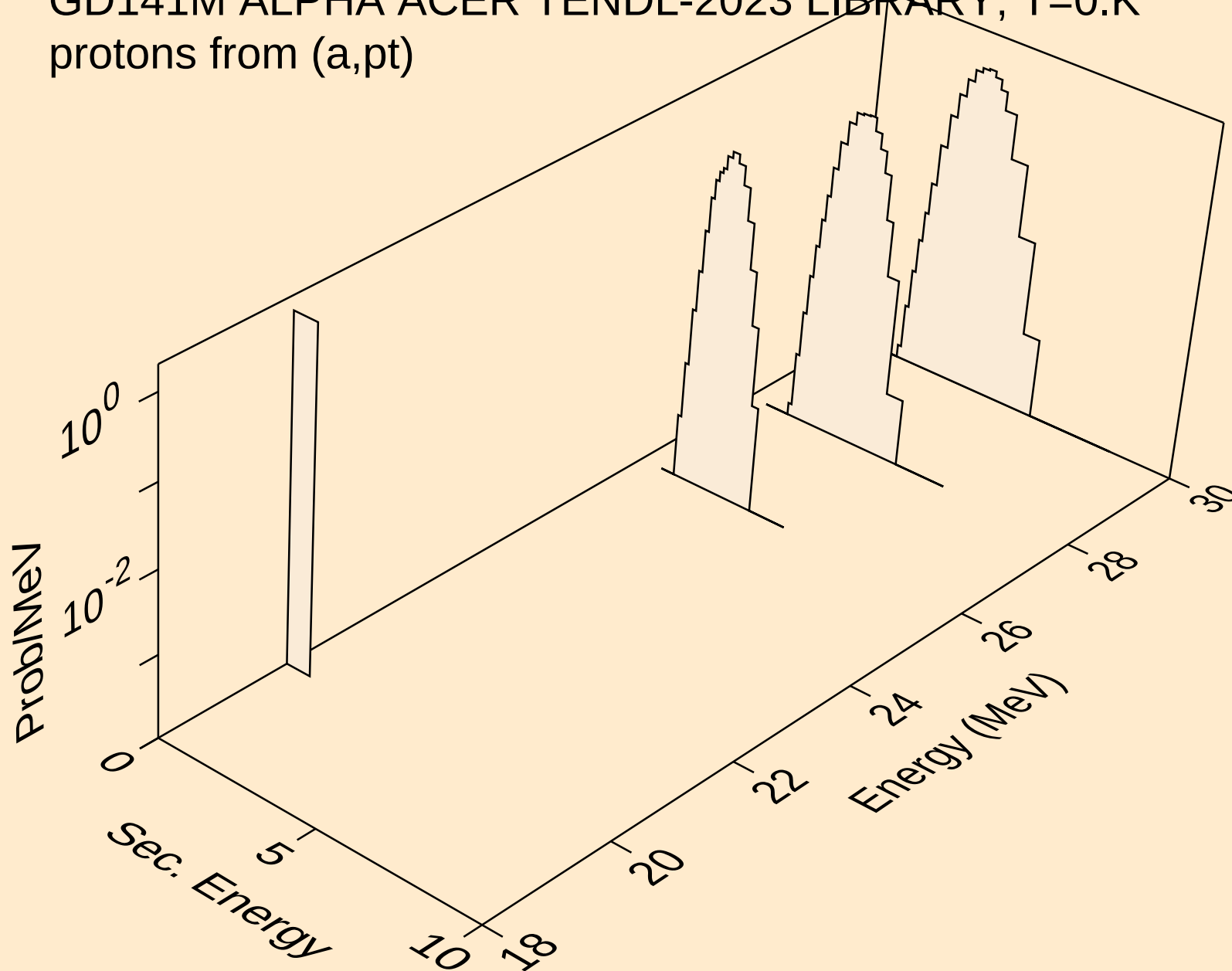
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)

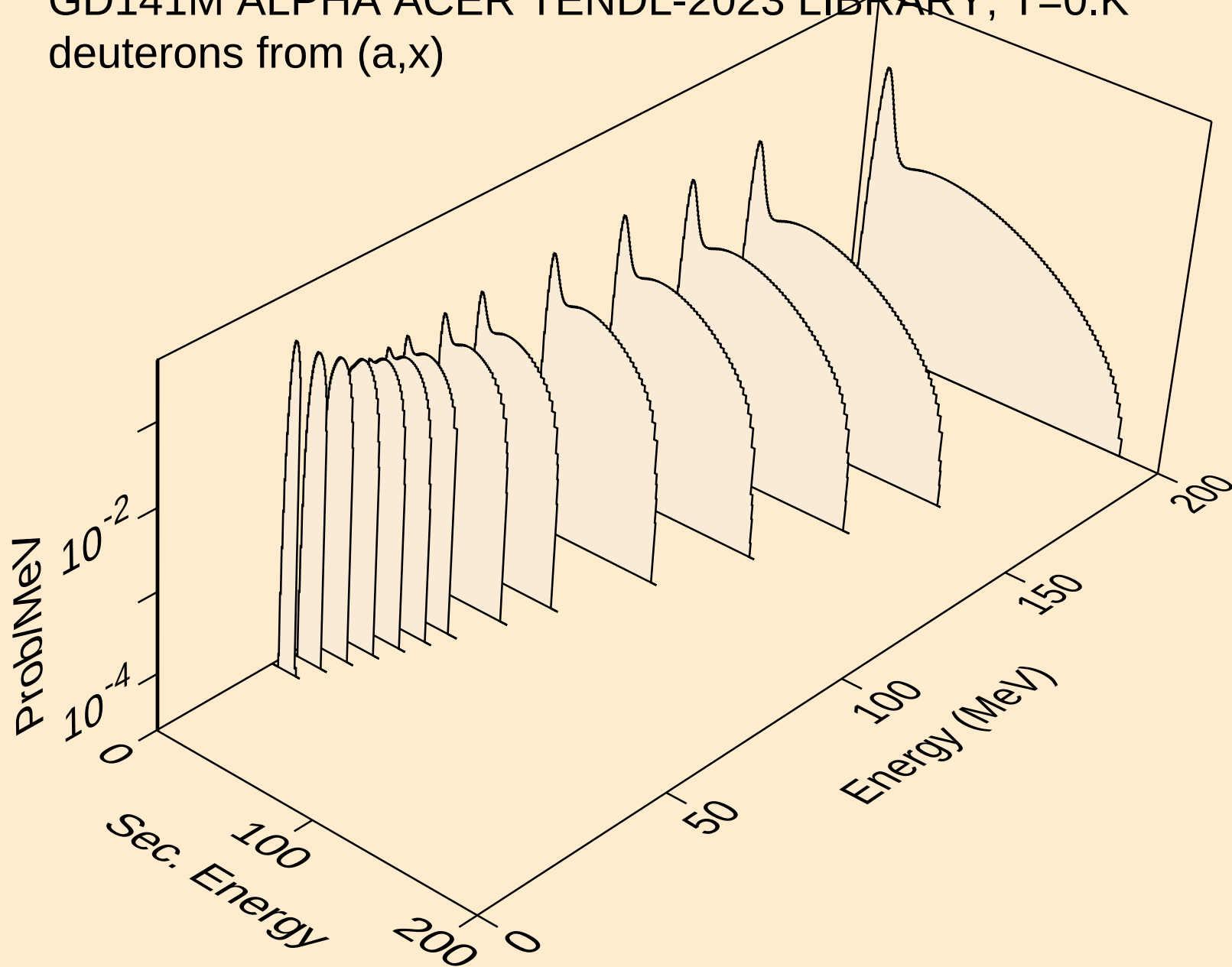


GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)

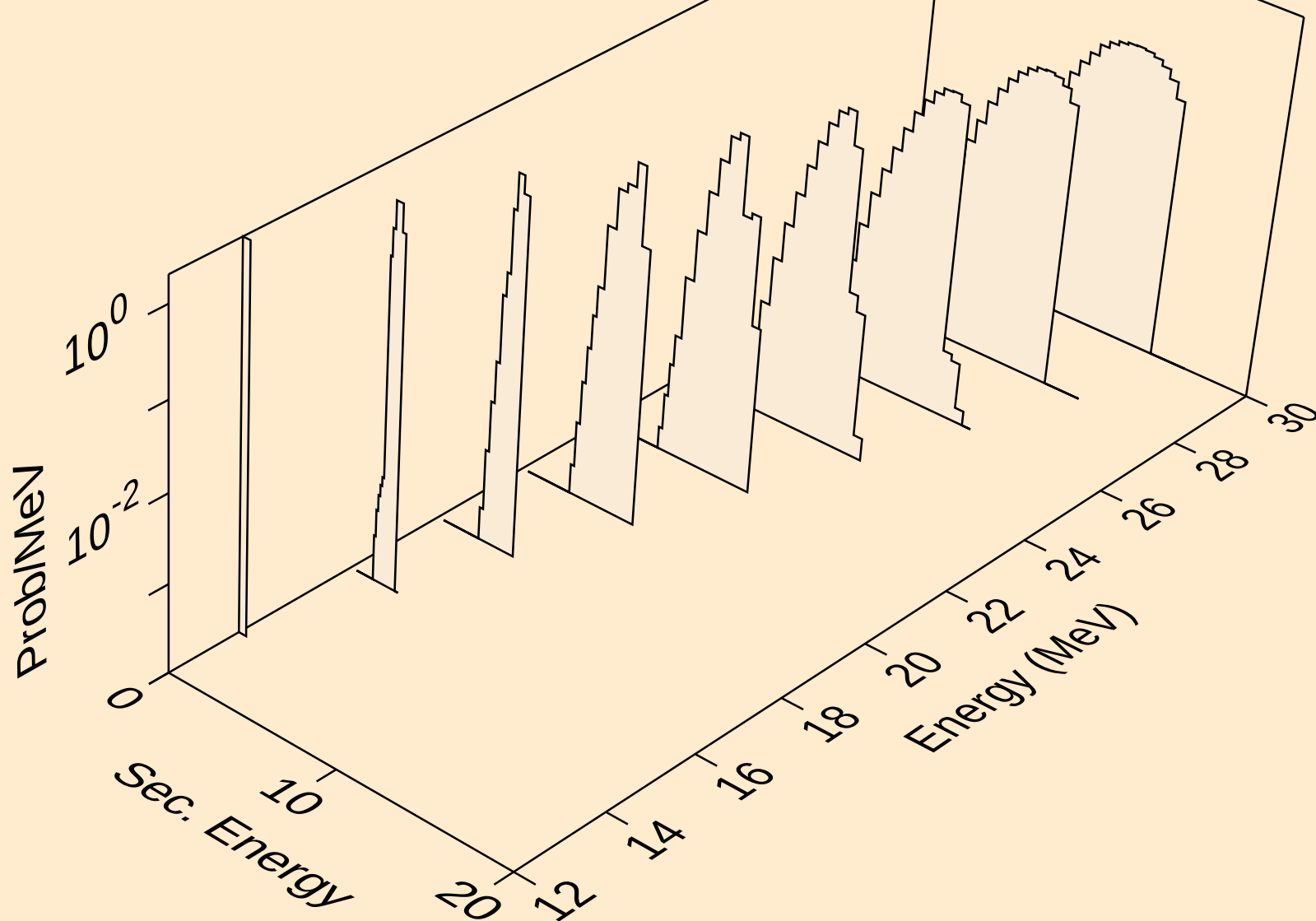




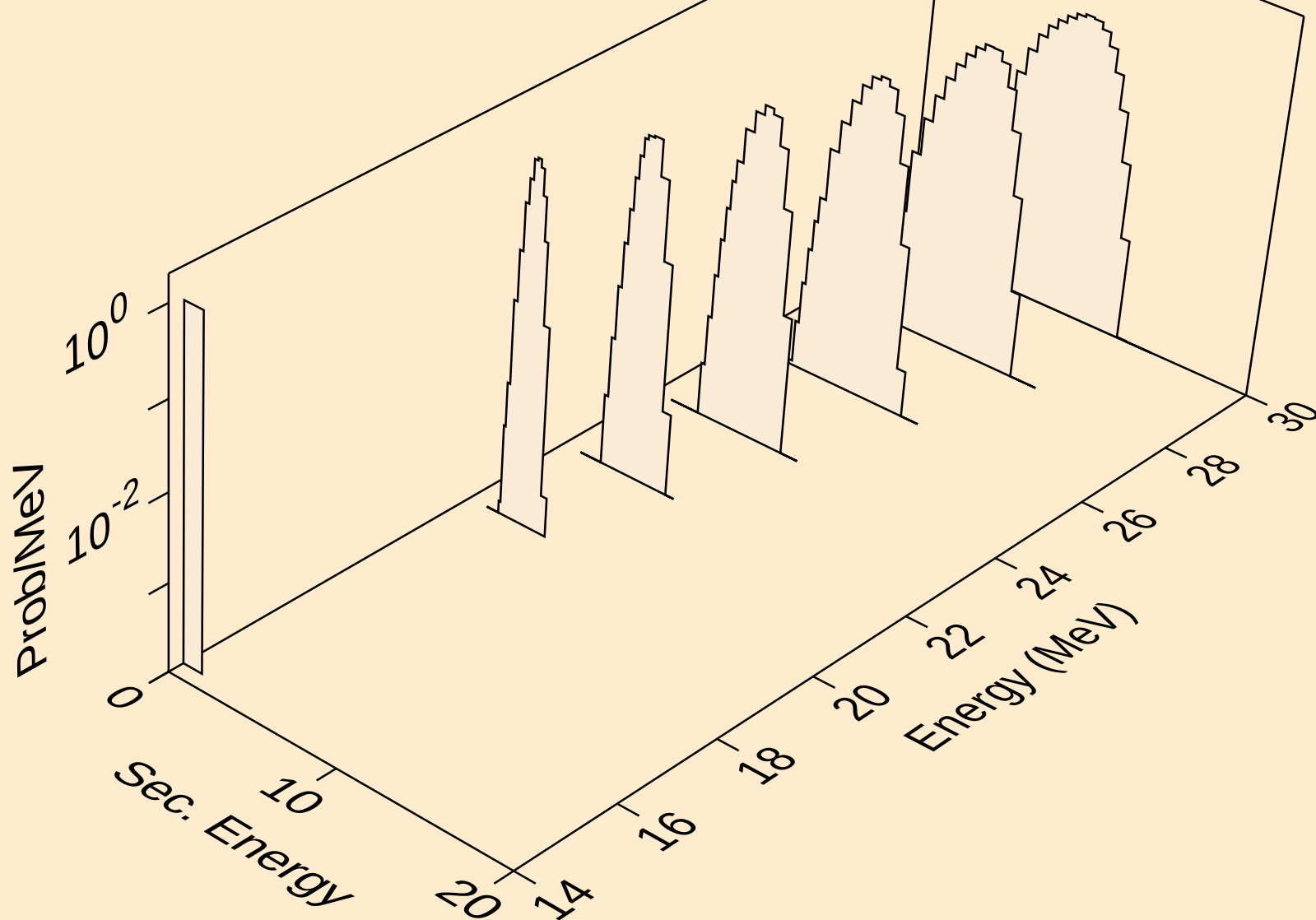
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



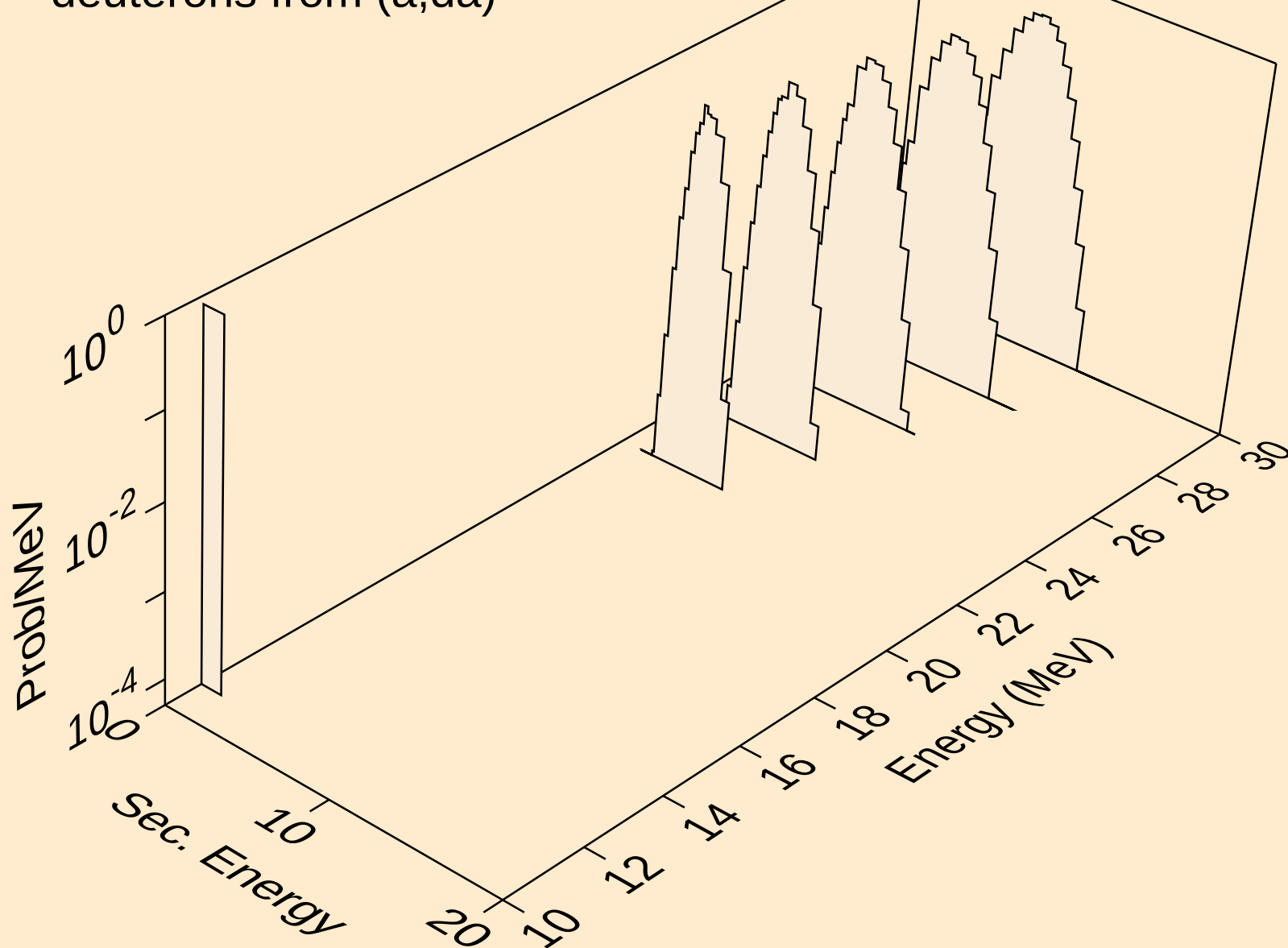
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deuterons from (a,d)



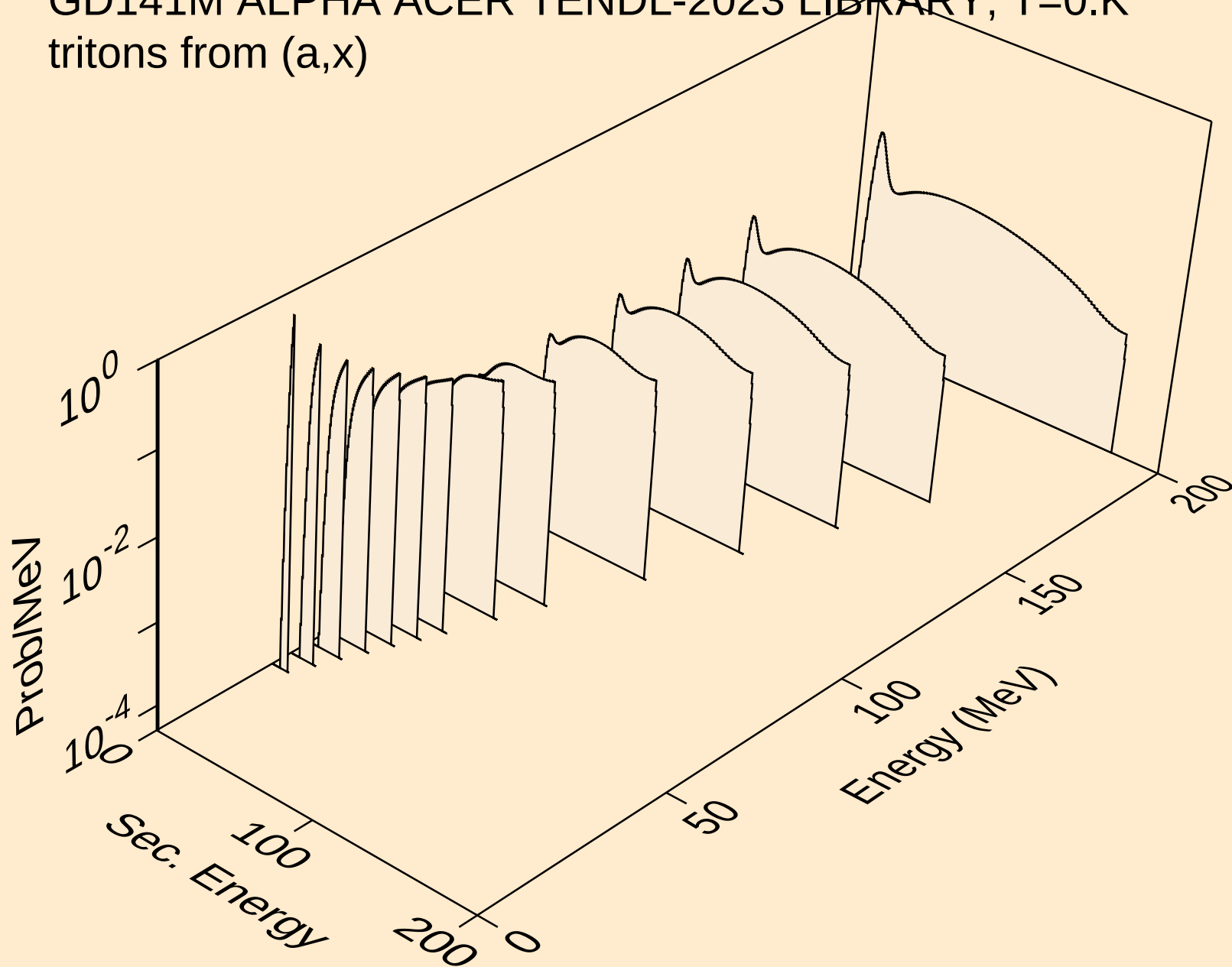
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deuterons from (a,pd)



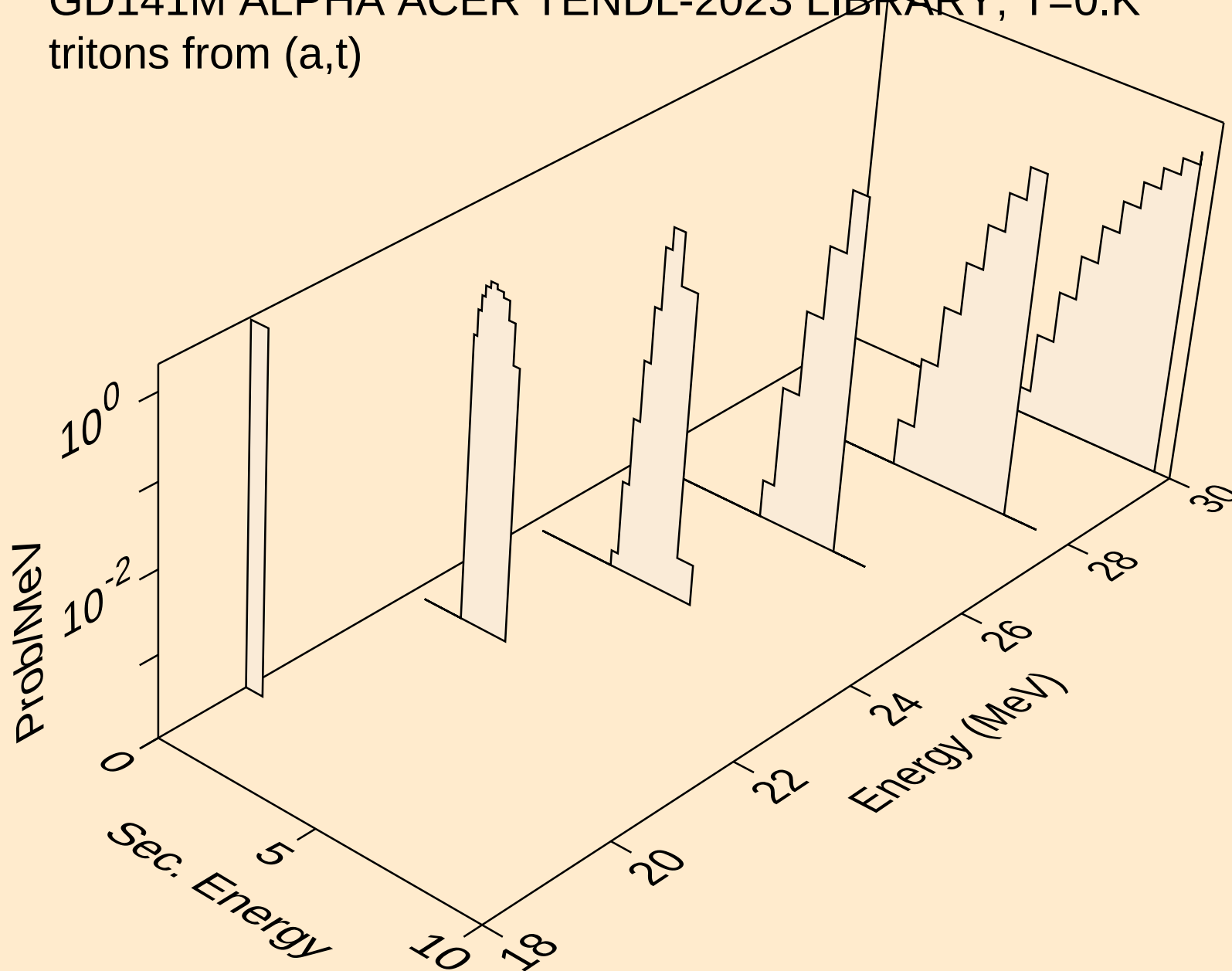
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deuterons from (a,da)



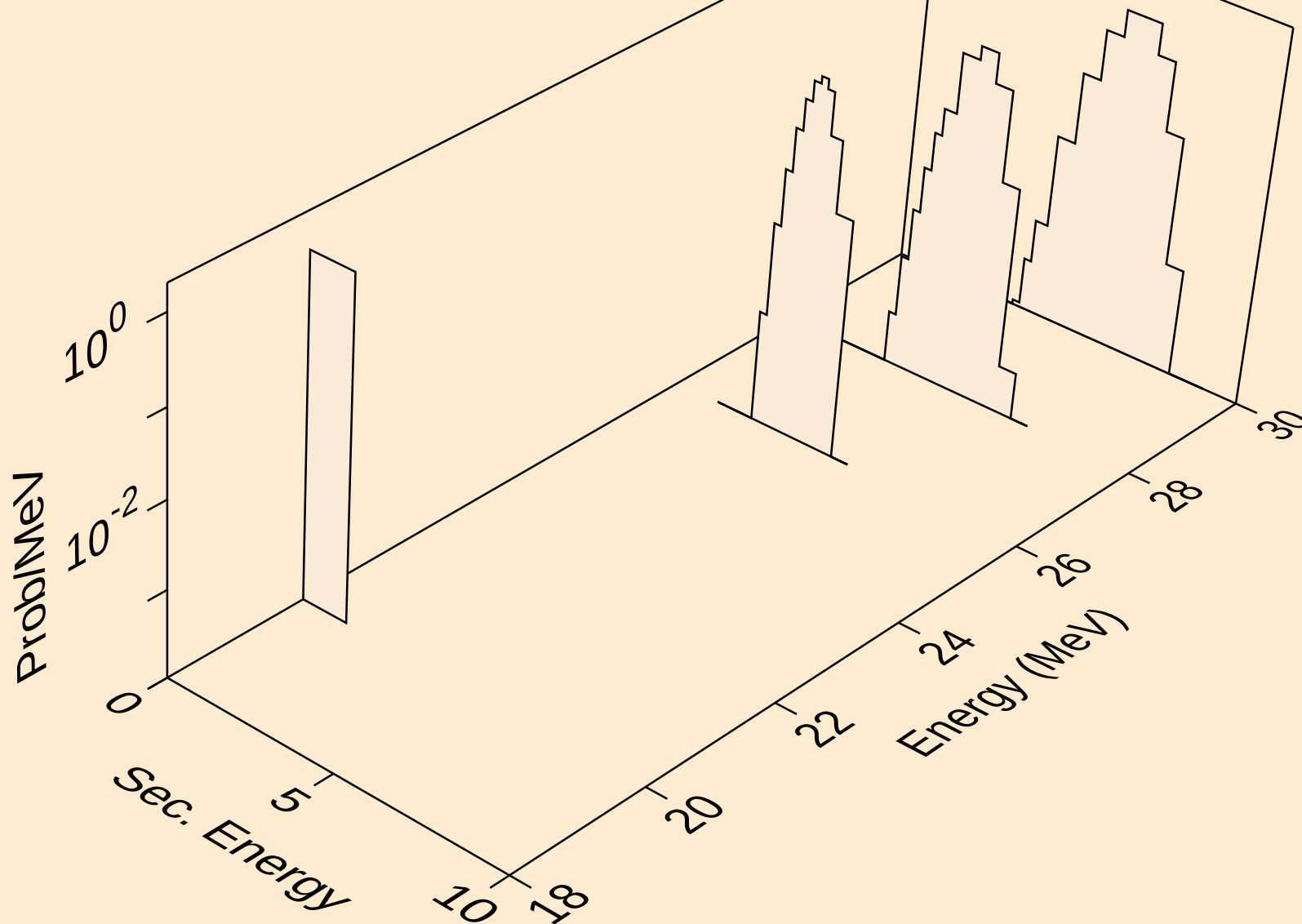
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tritons from (a,x)



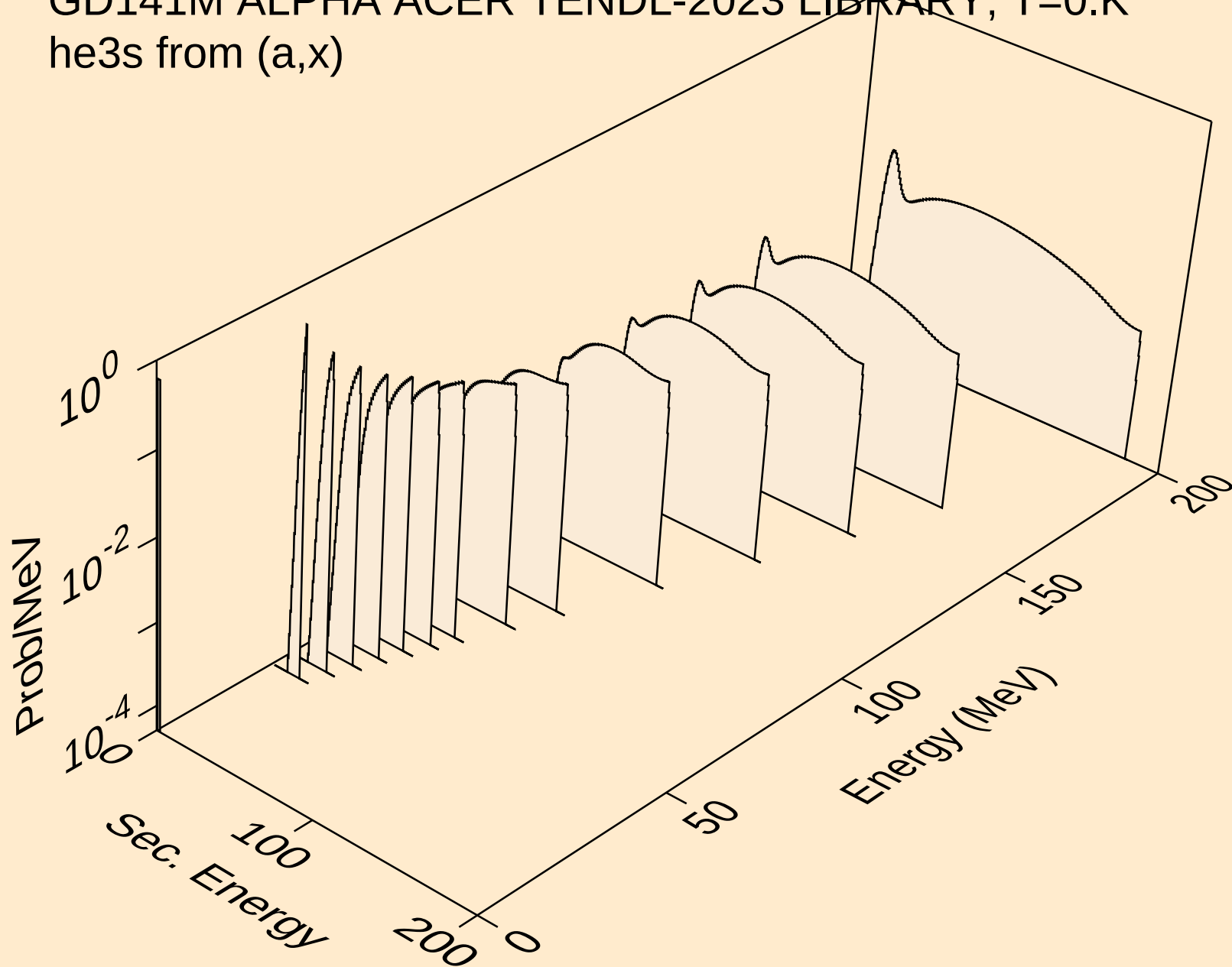
GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)





GD141M ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

