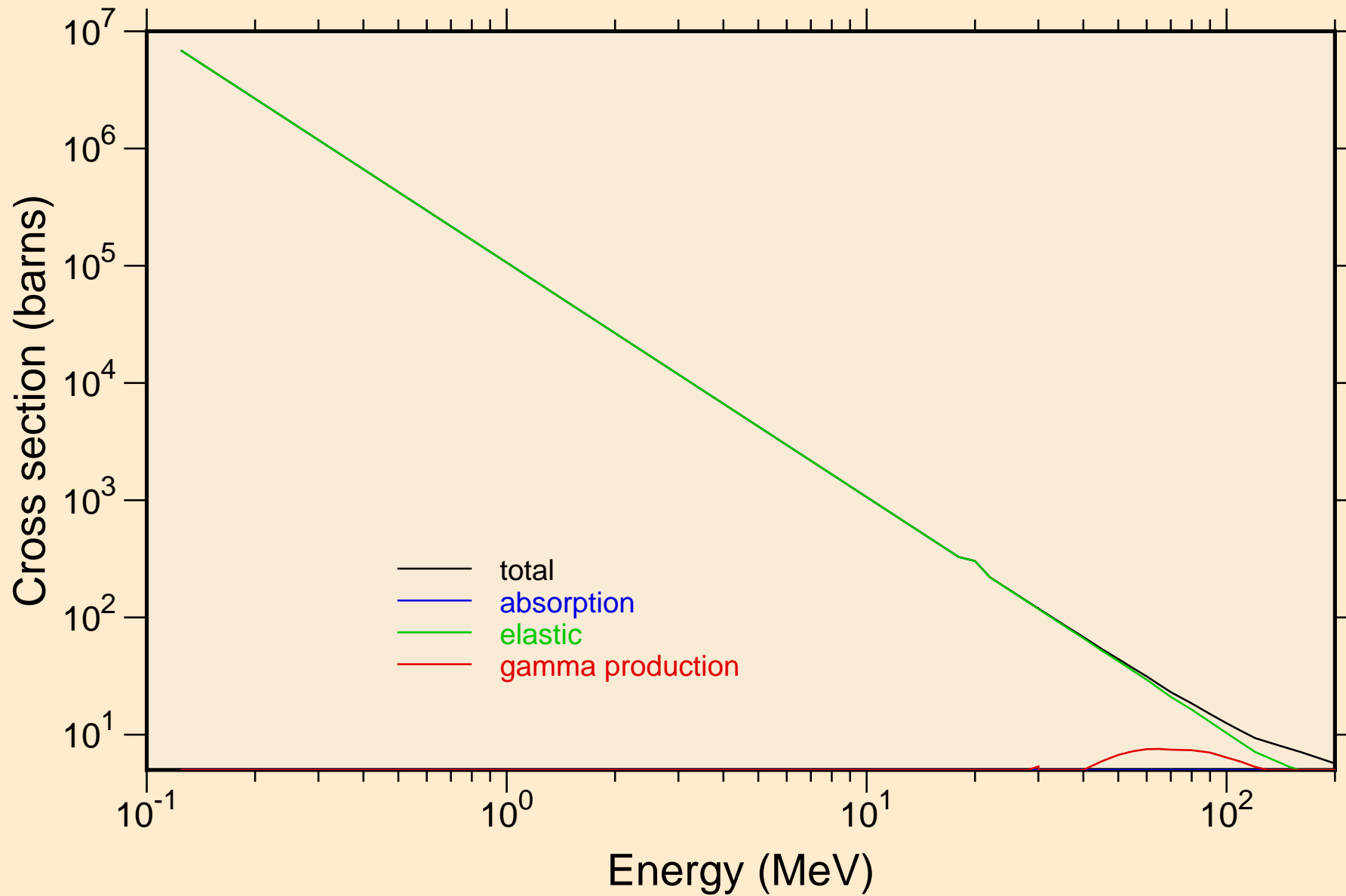


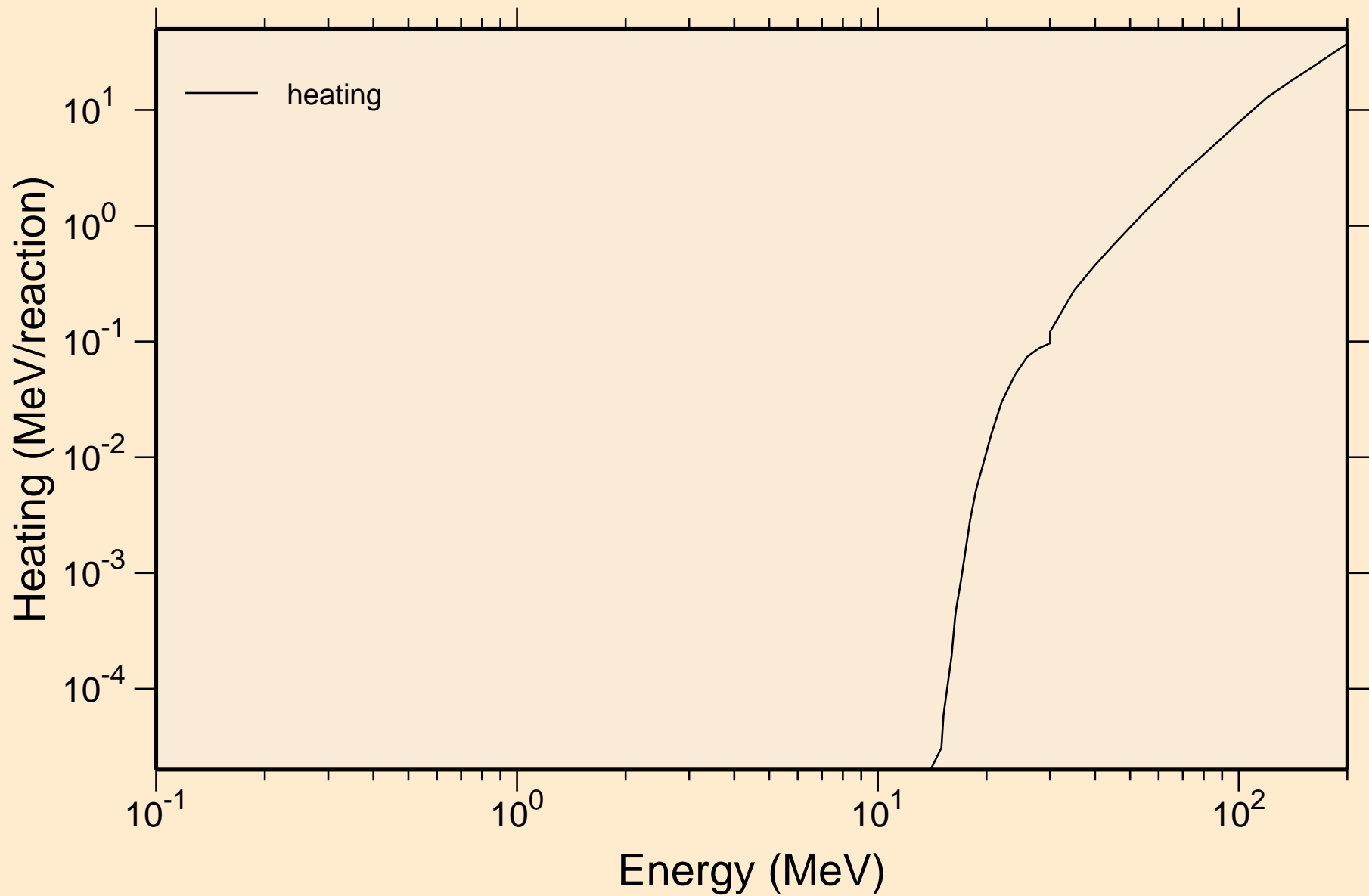
# GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



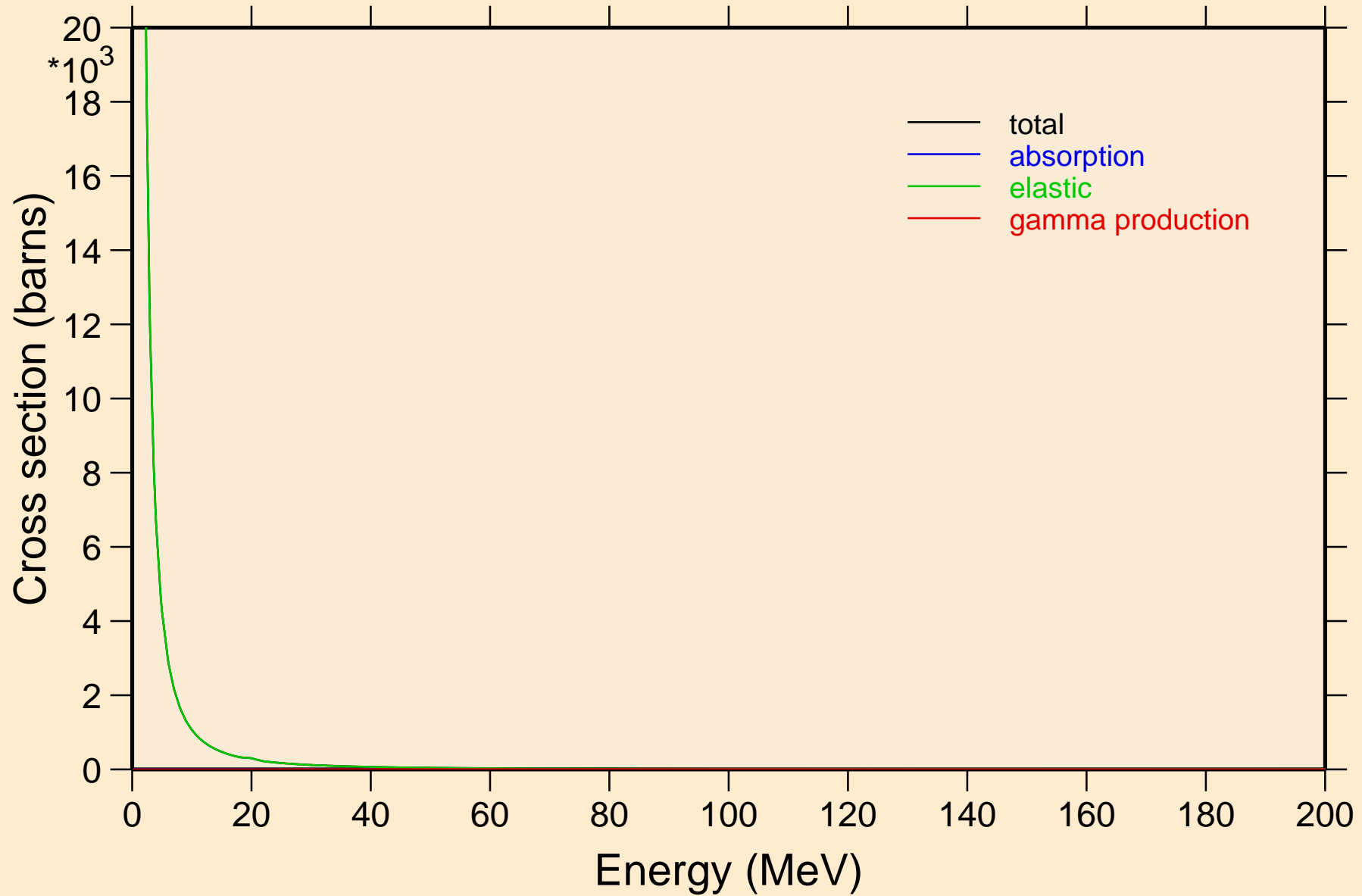
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



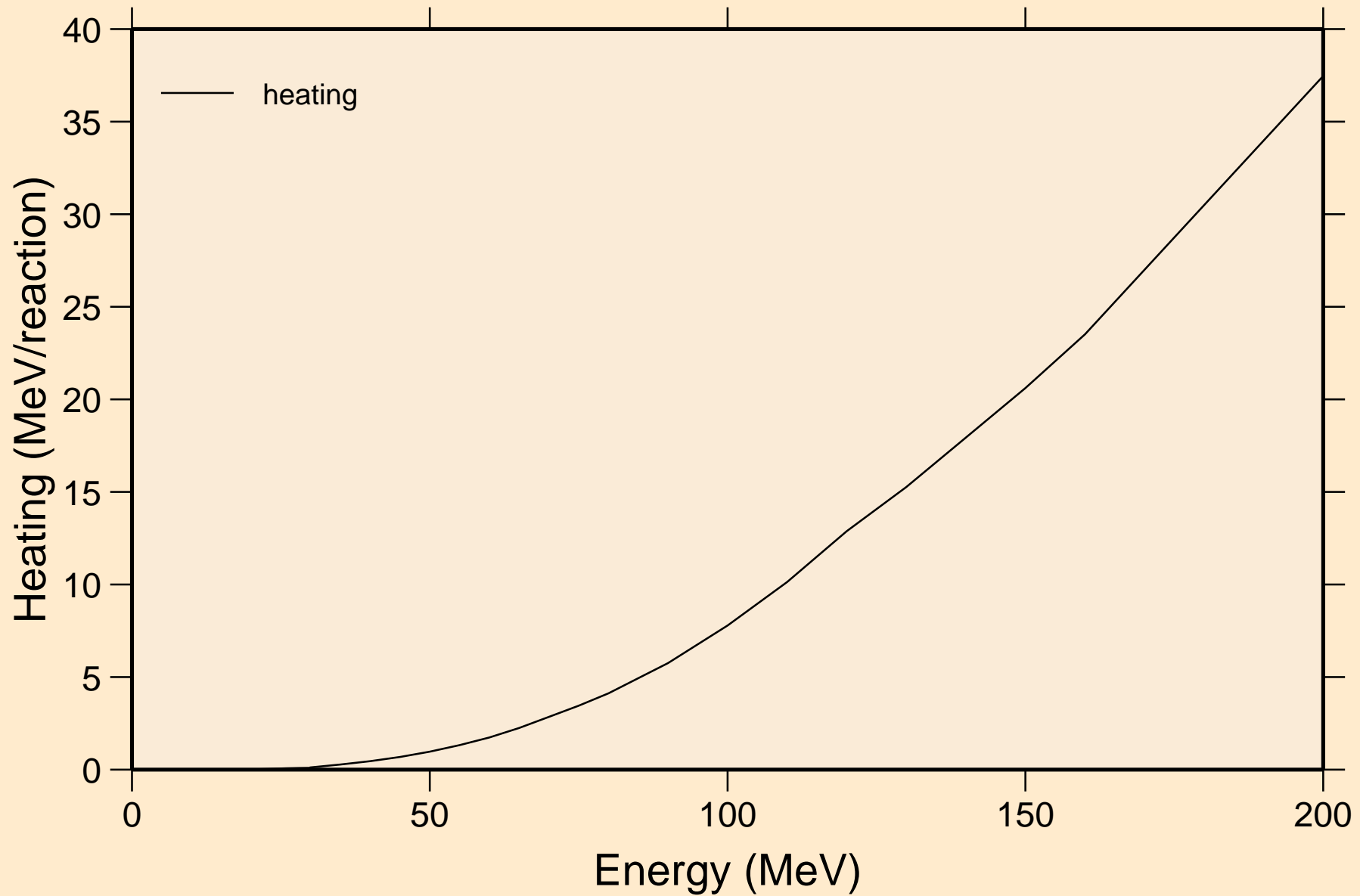
# GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

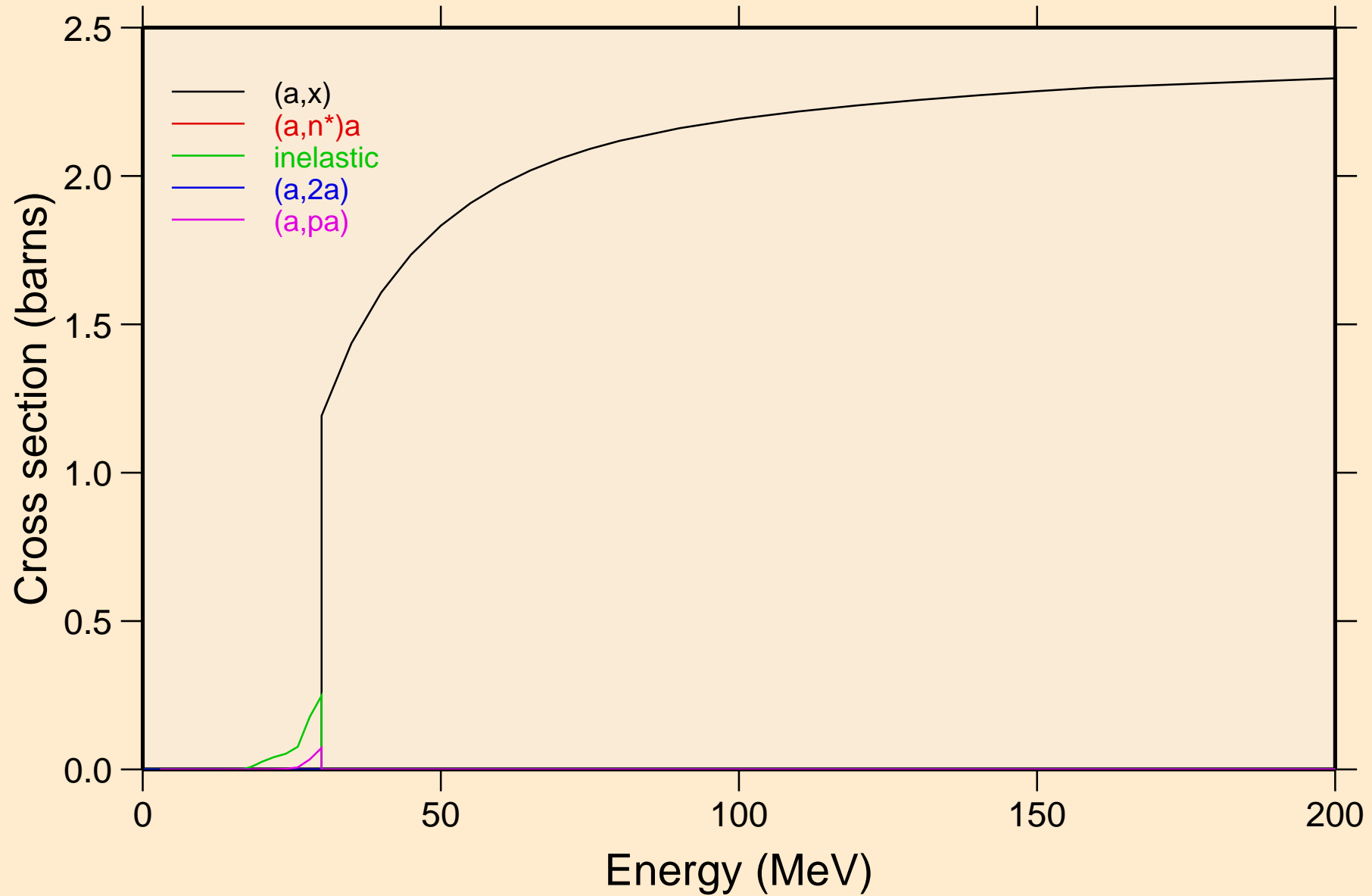


# GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

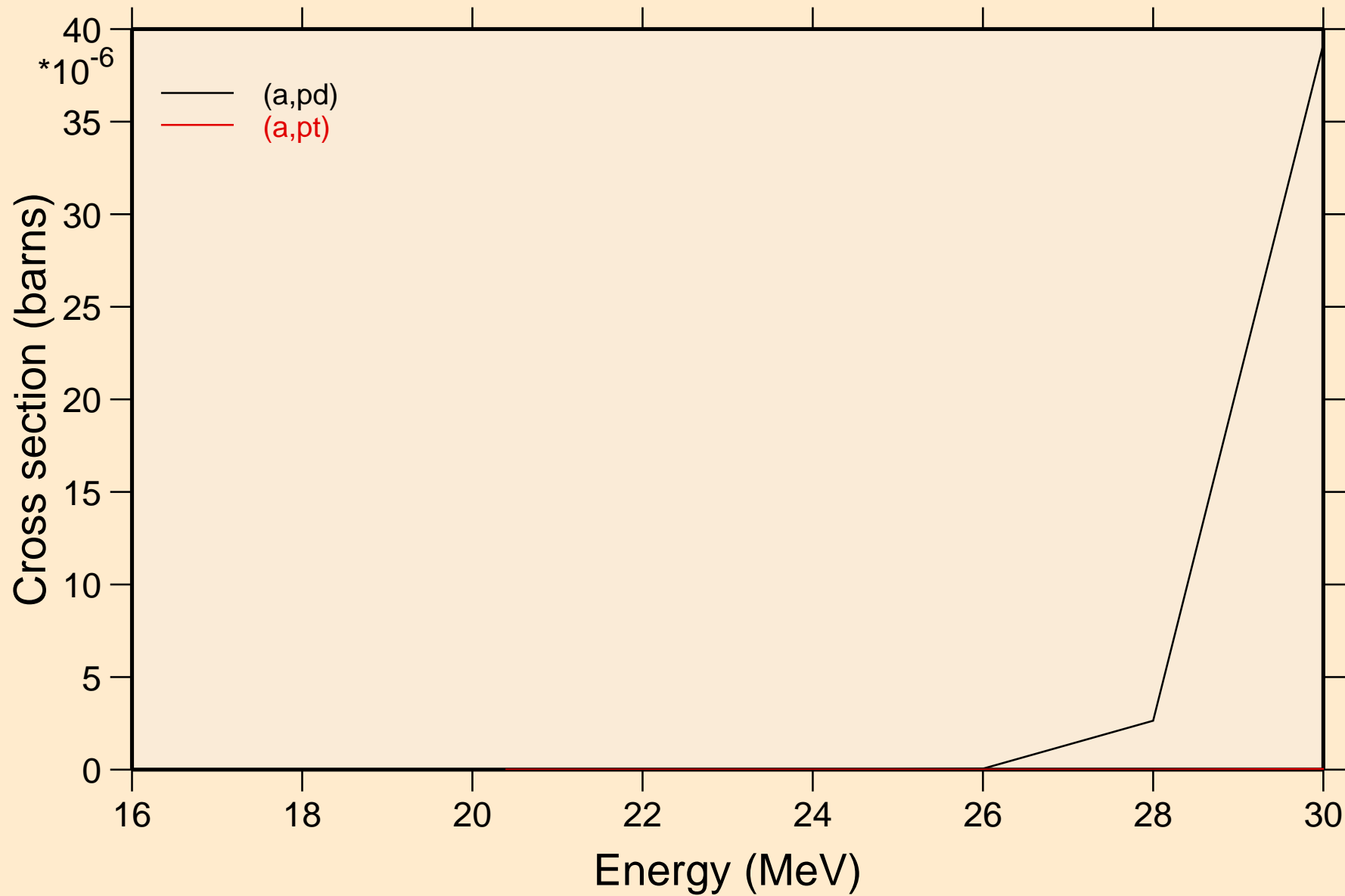
## Heating



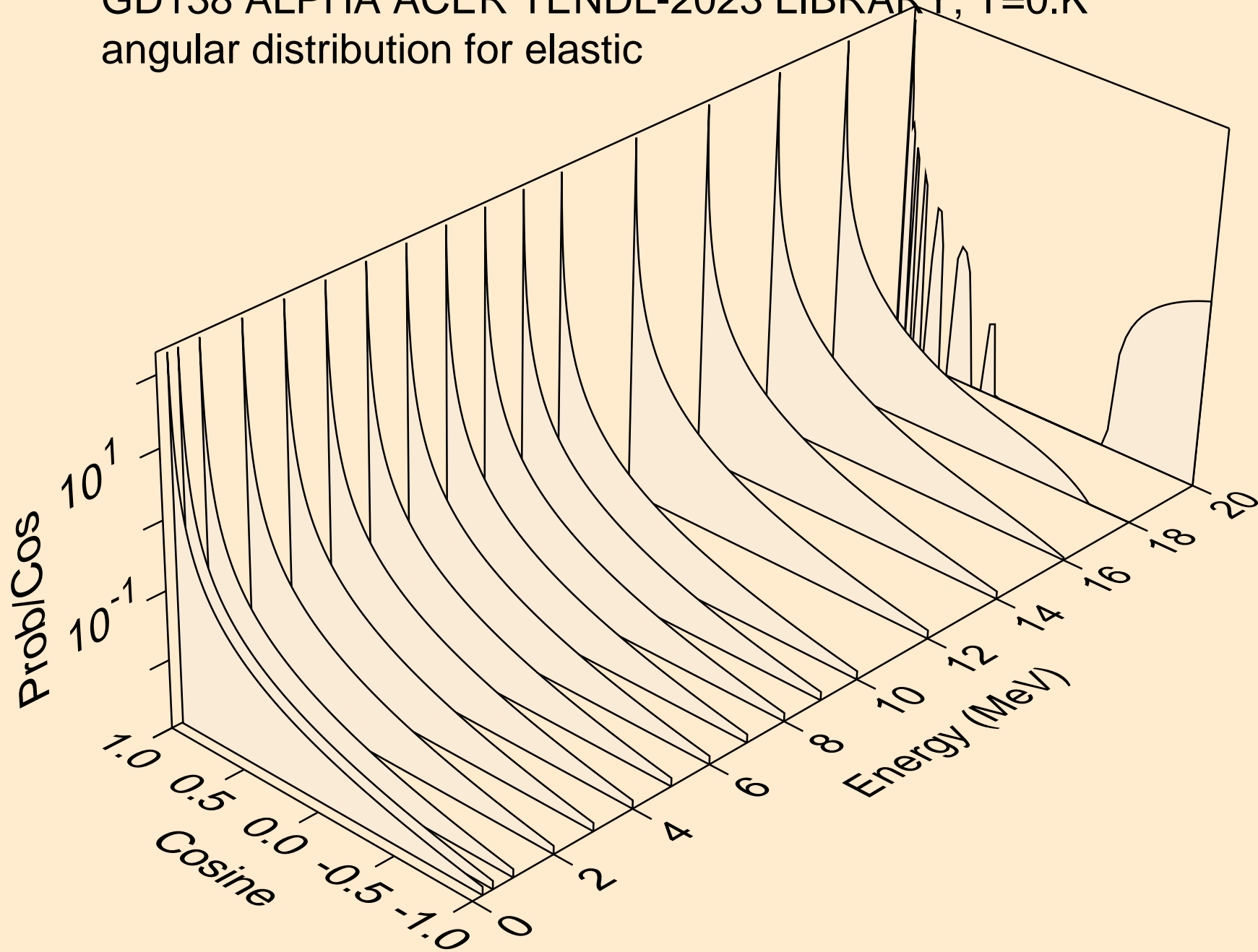
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



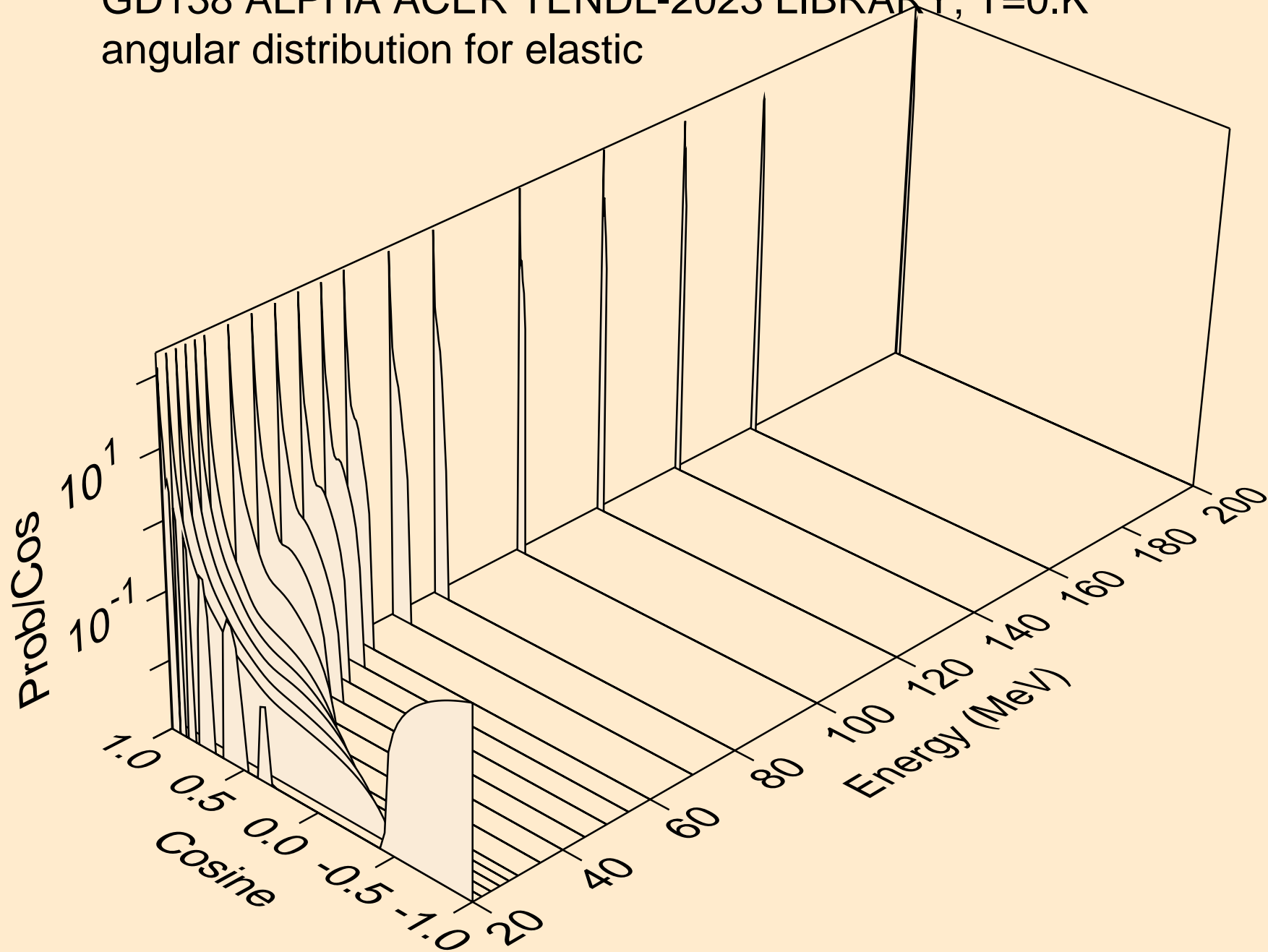
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

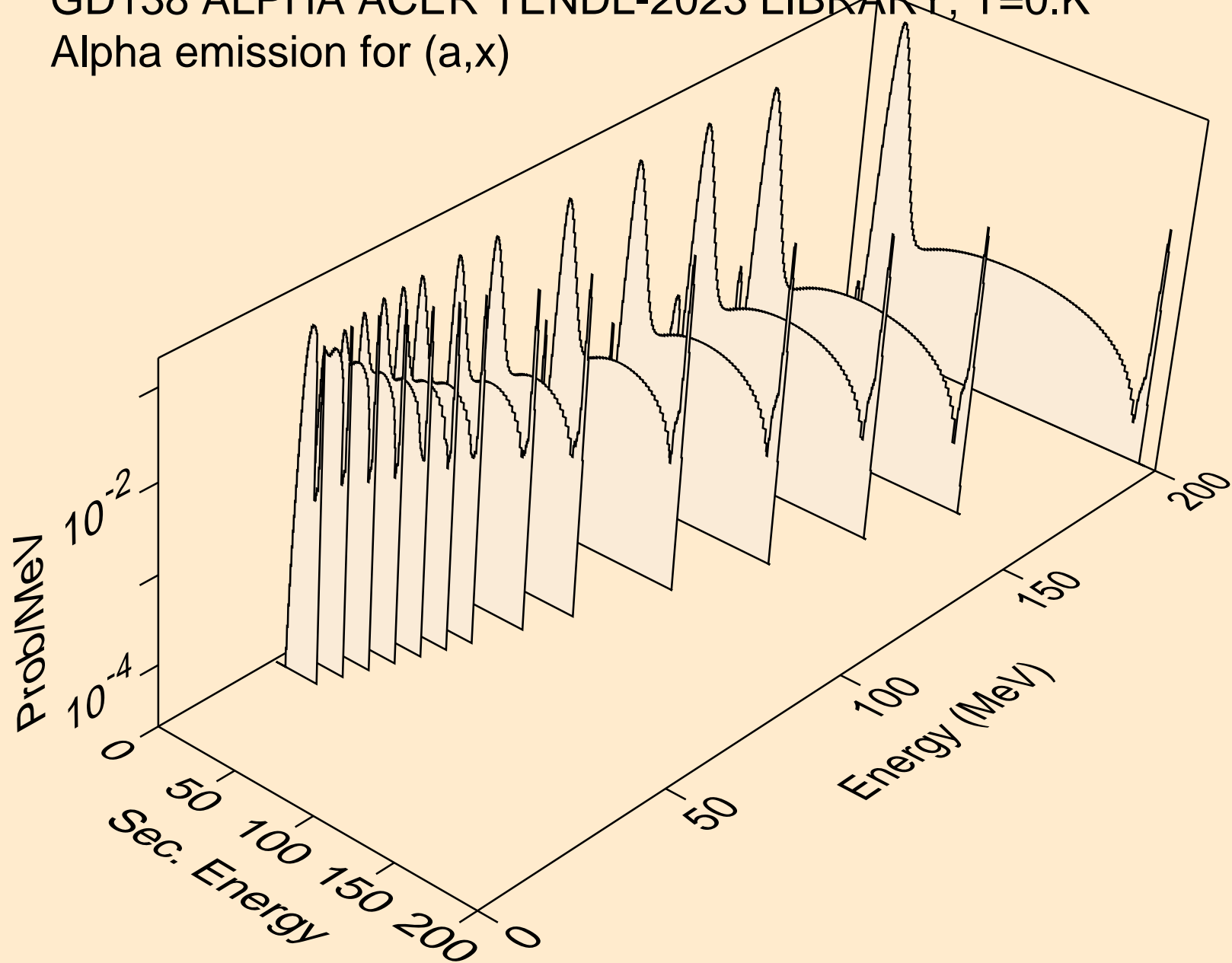


GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

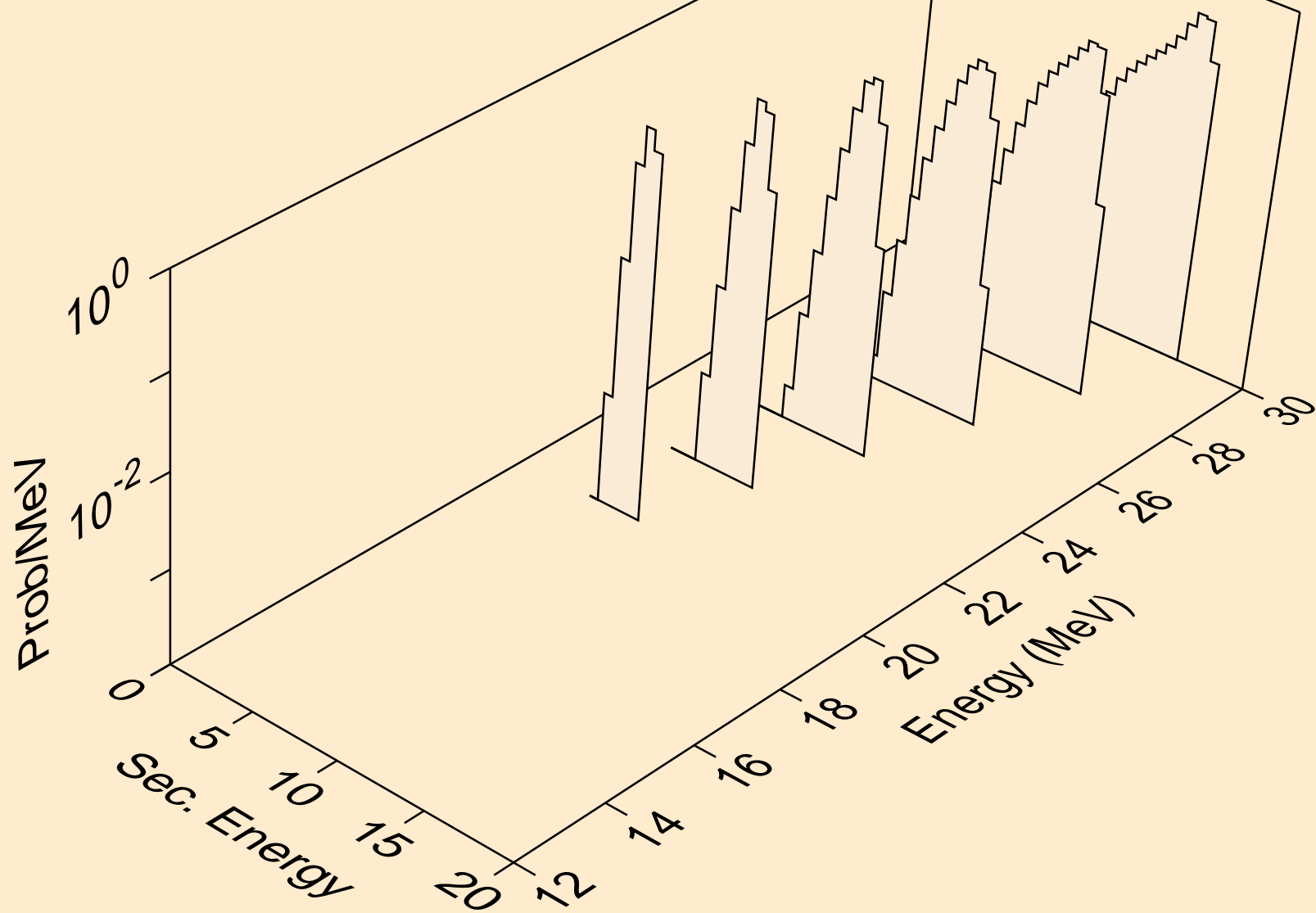




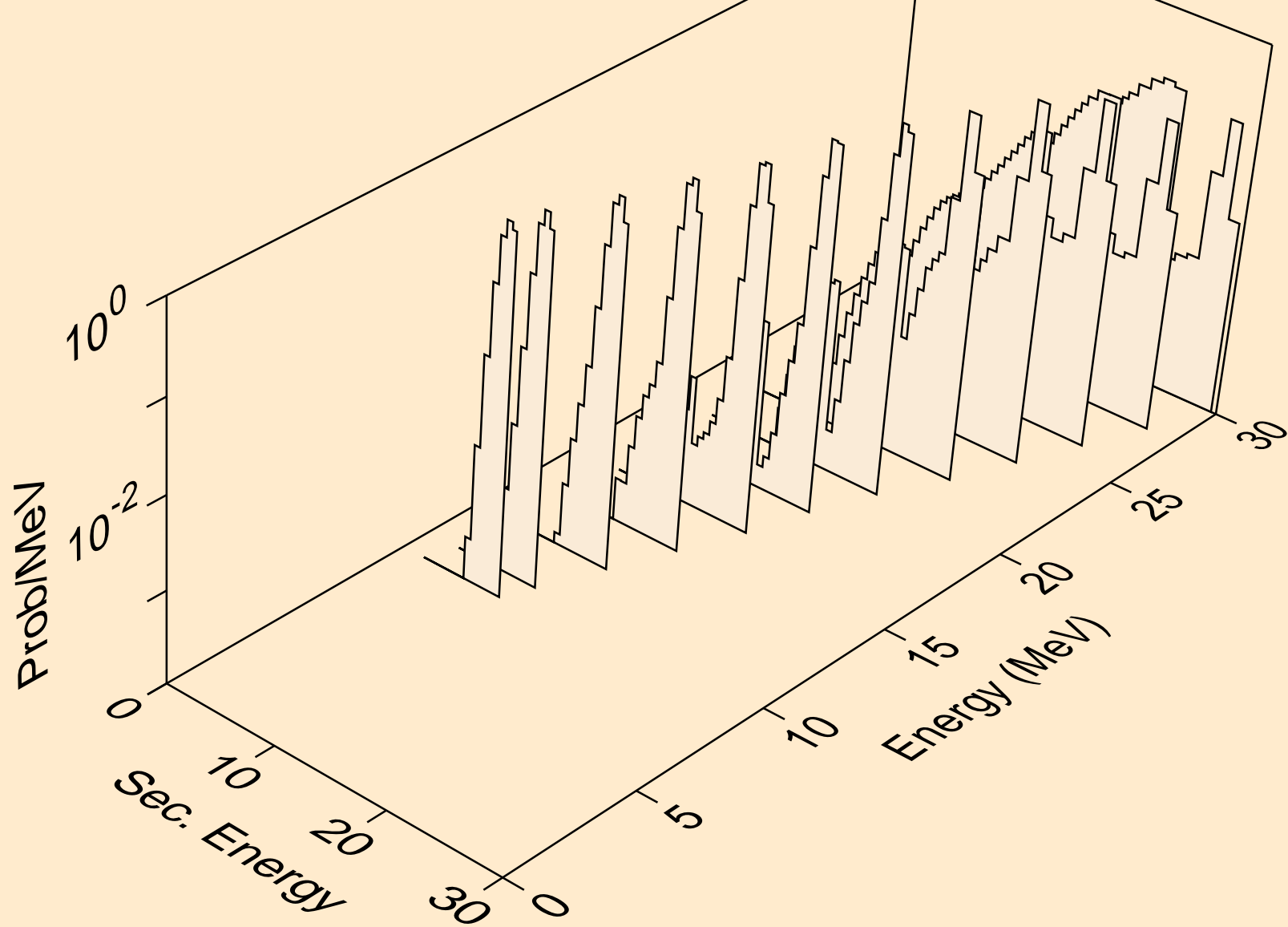
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



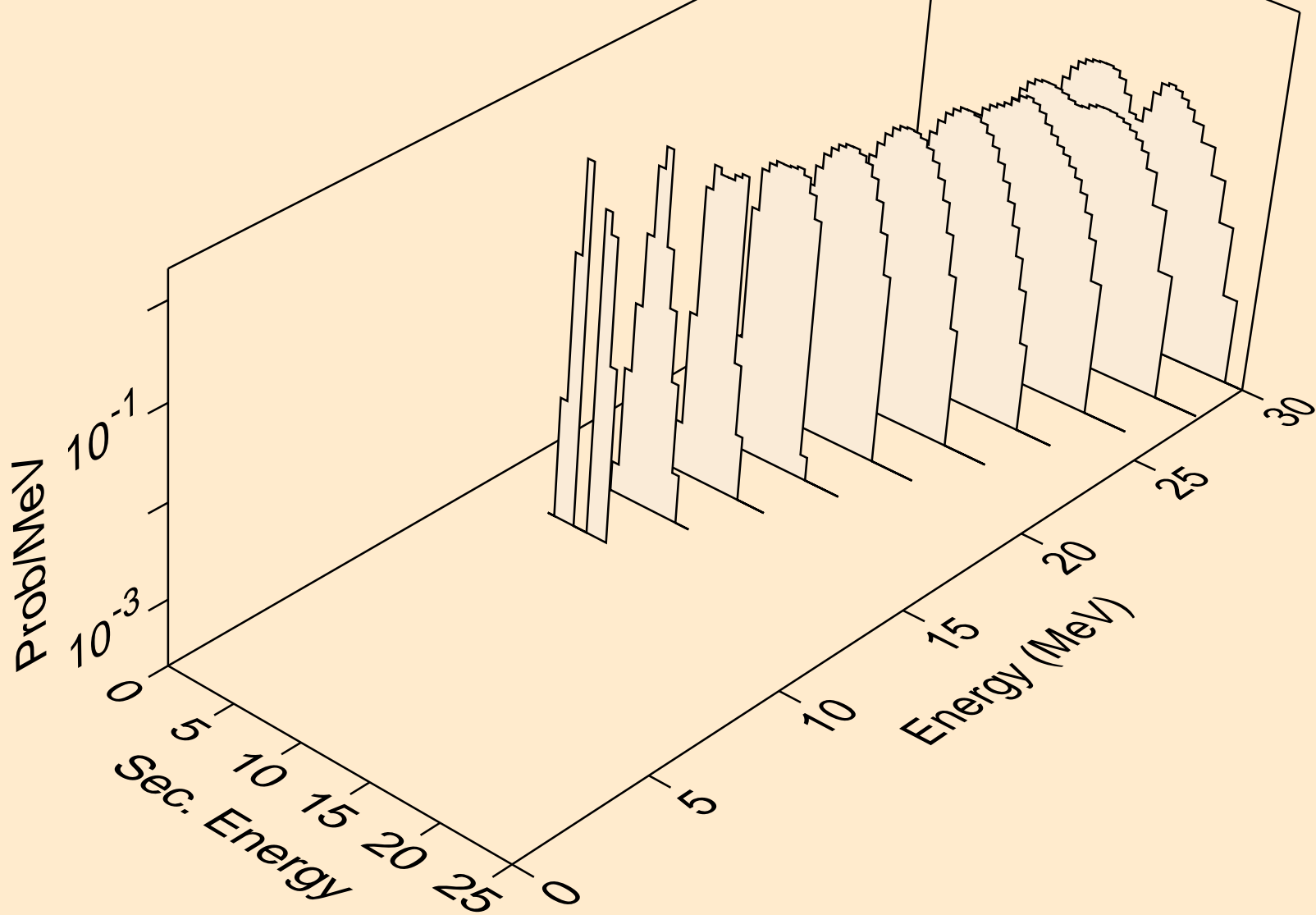
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



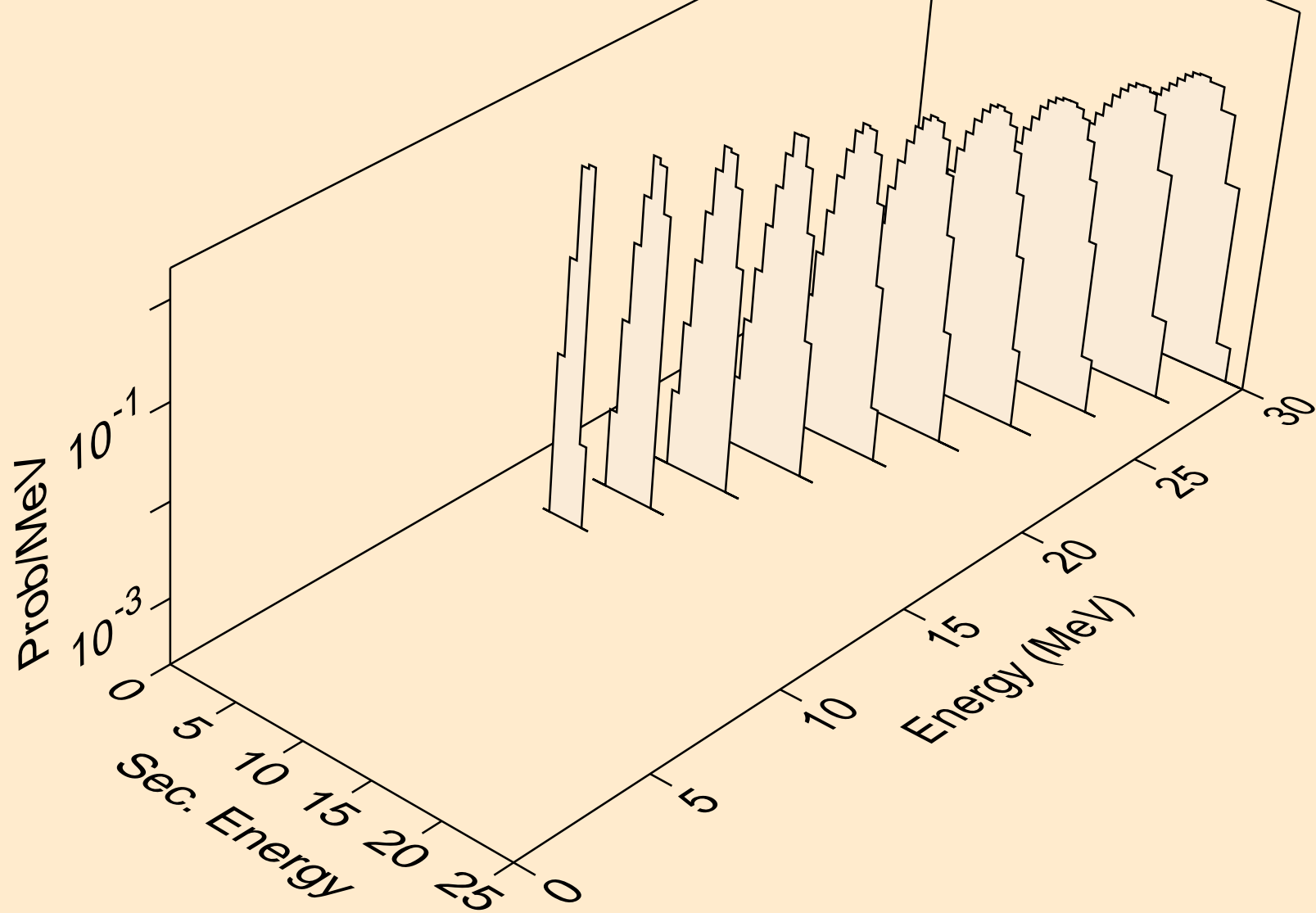
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



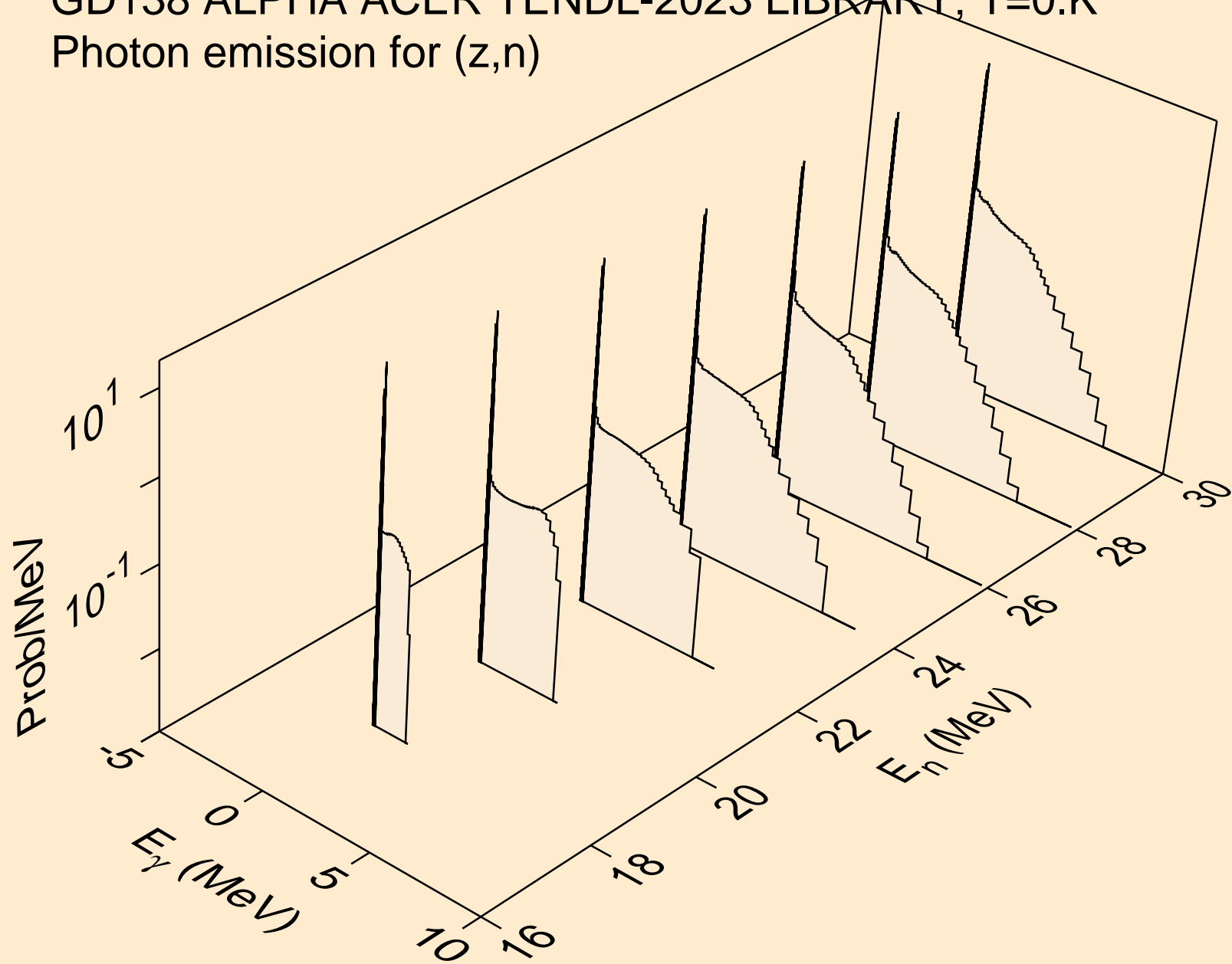
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



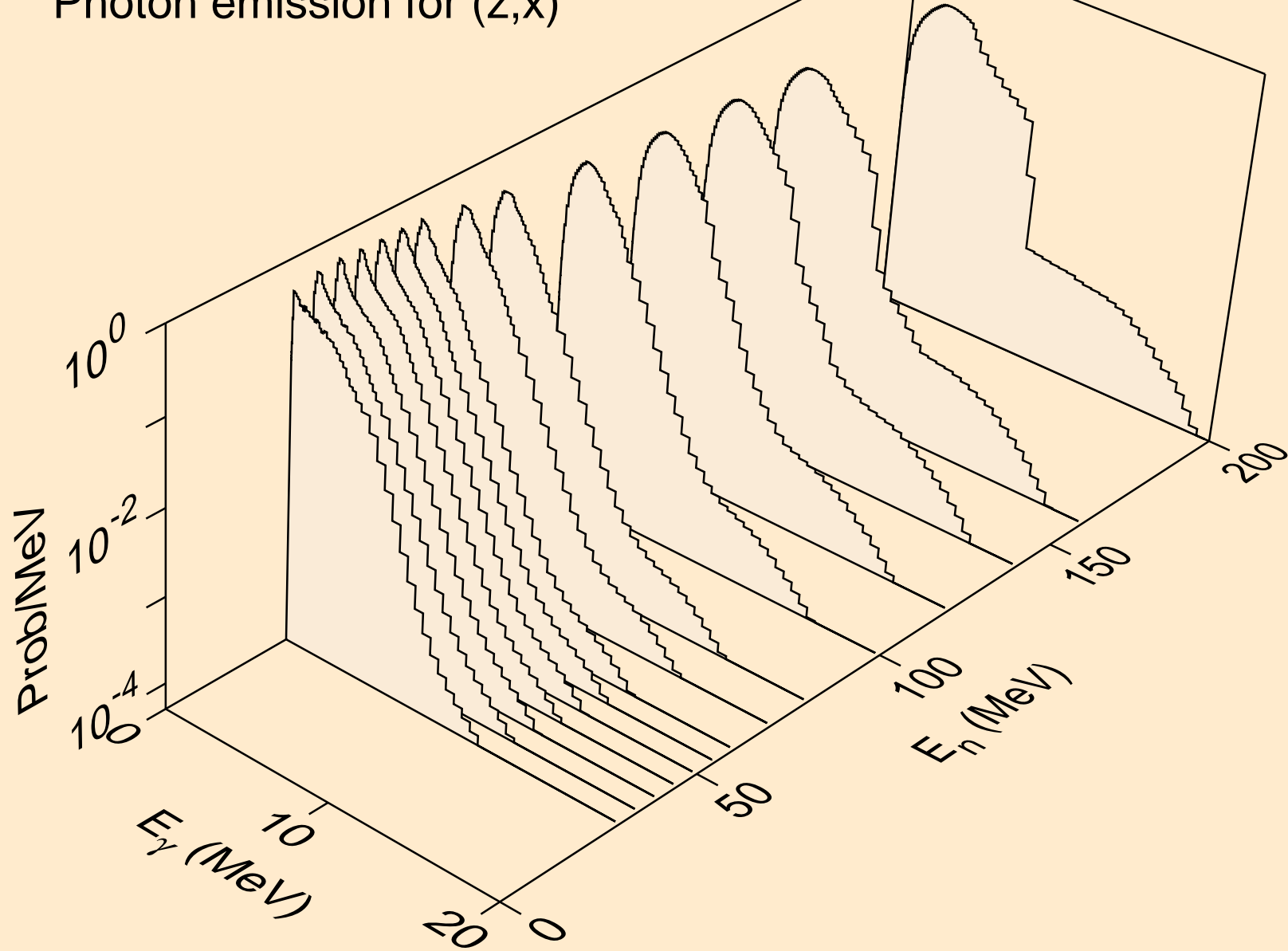
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



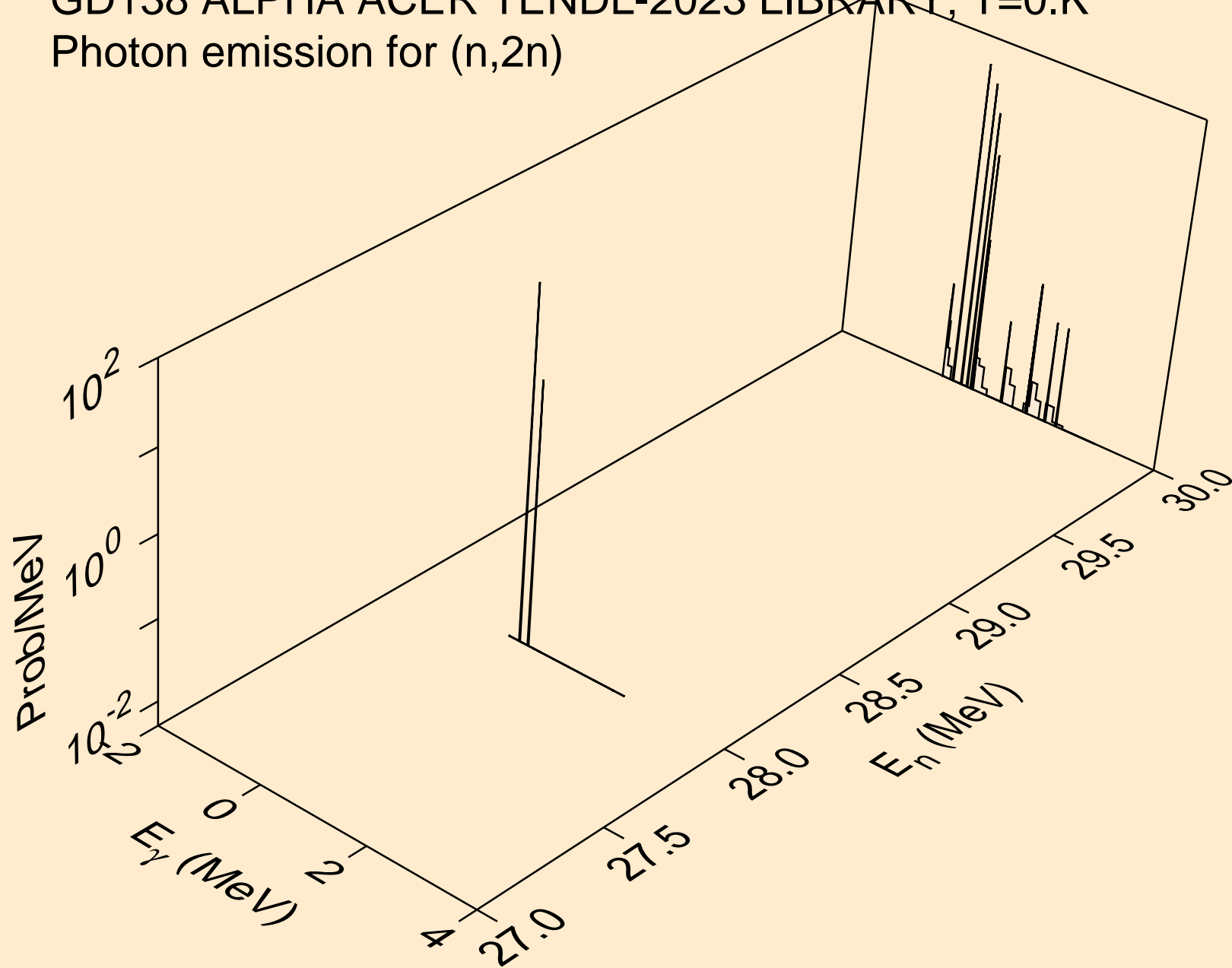
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

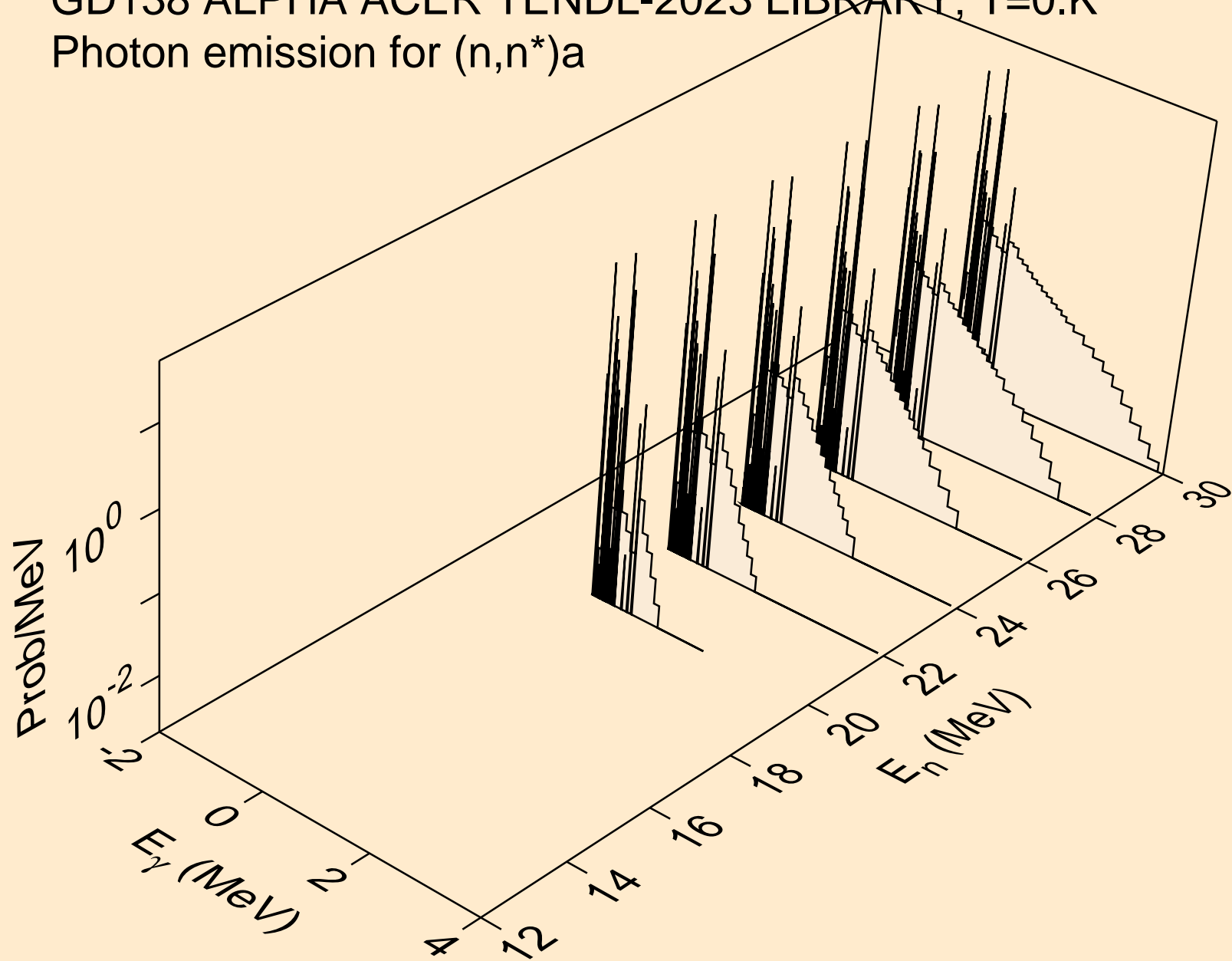


GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



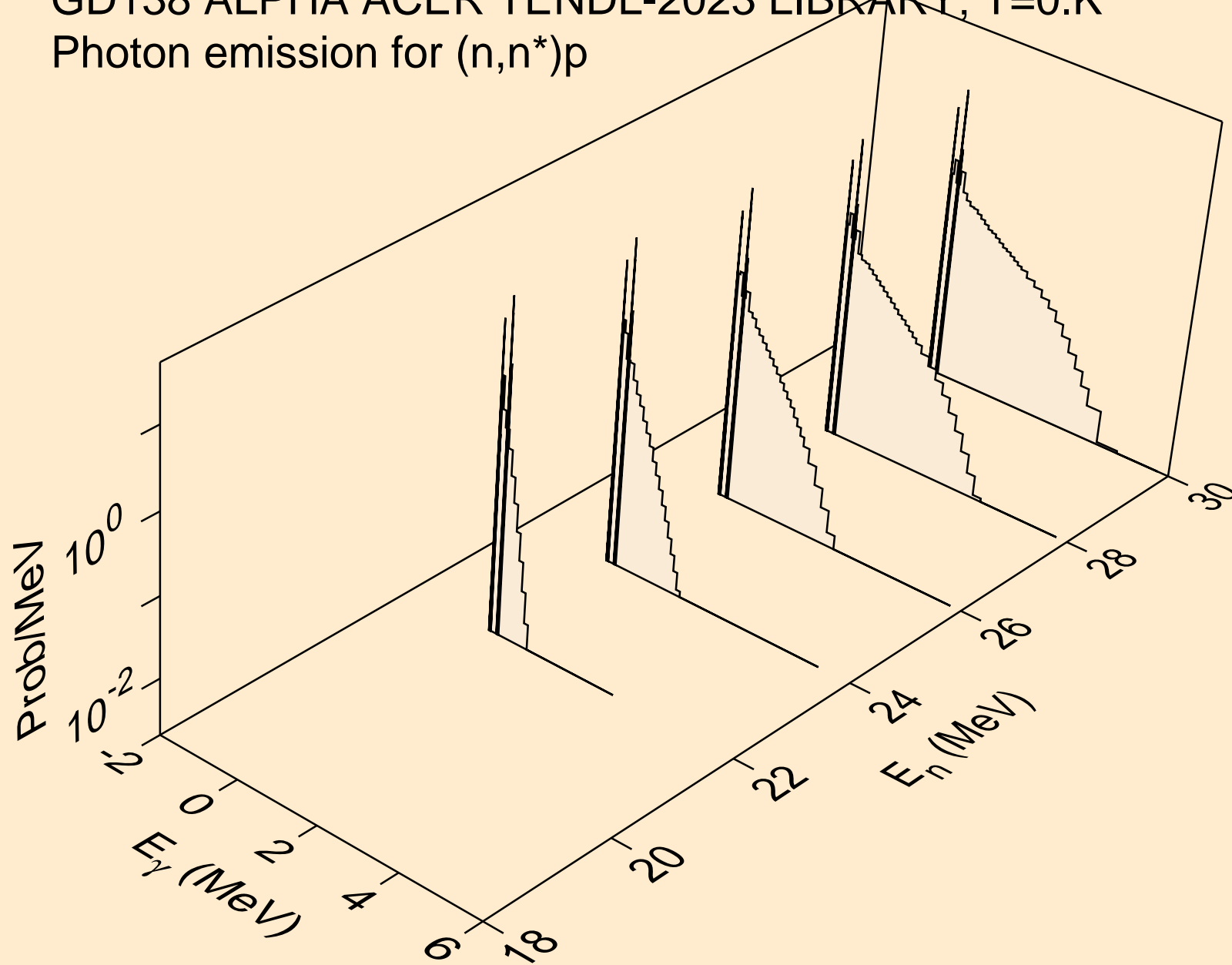


GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

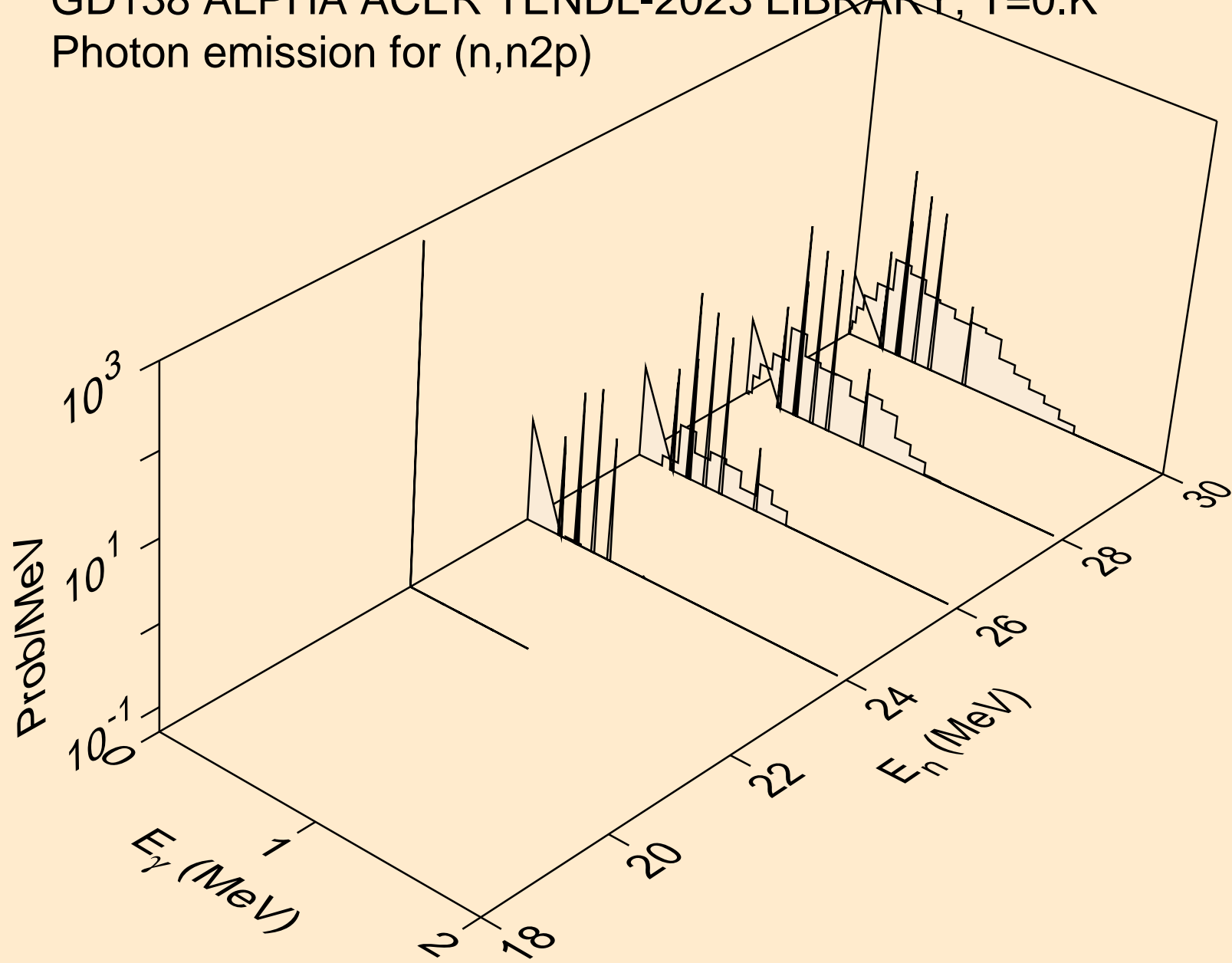


GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

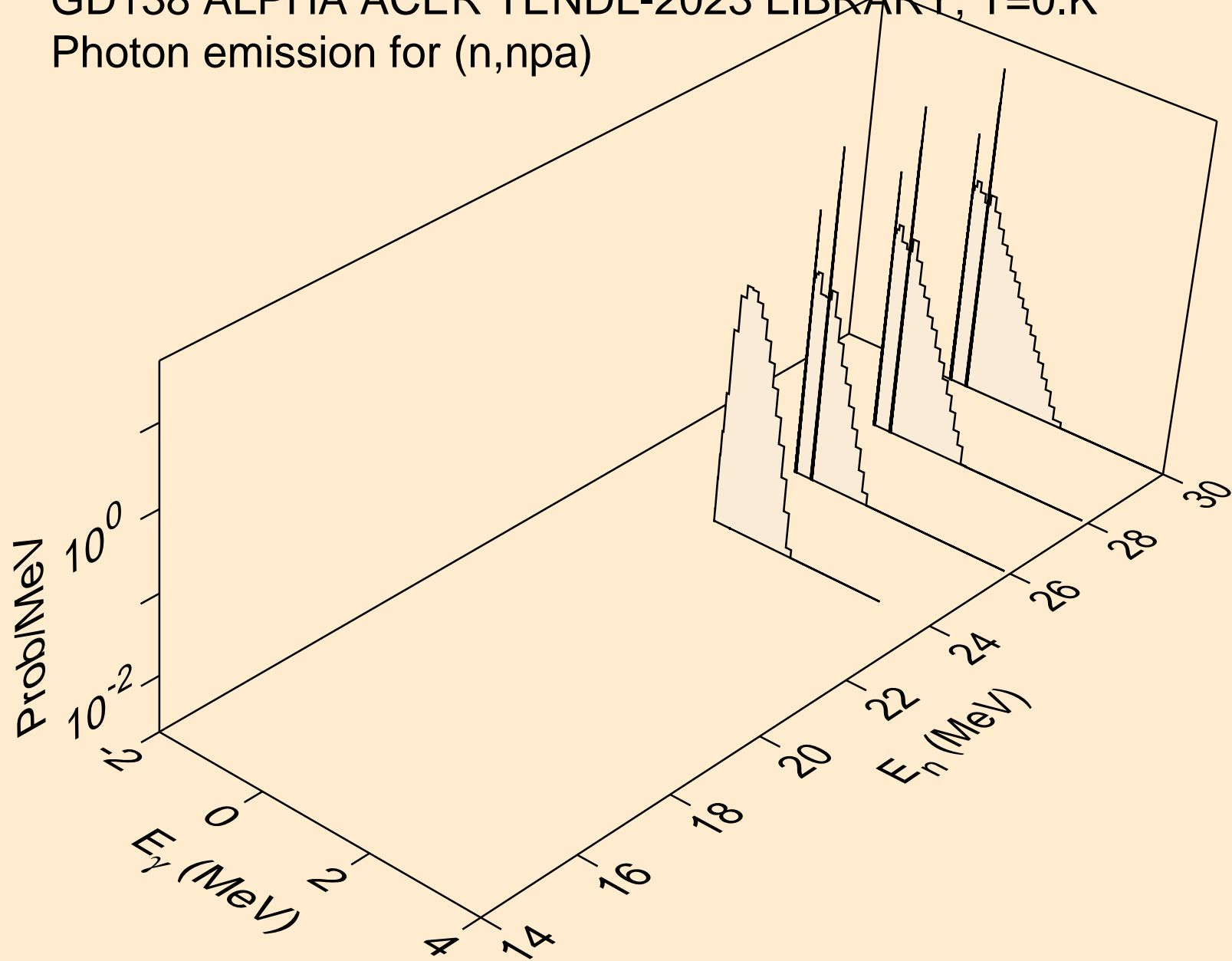
Photon emission for (n,n\*)p



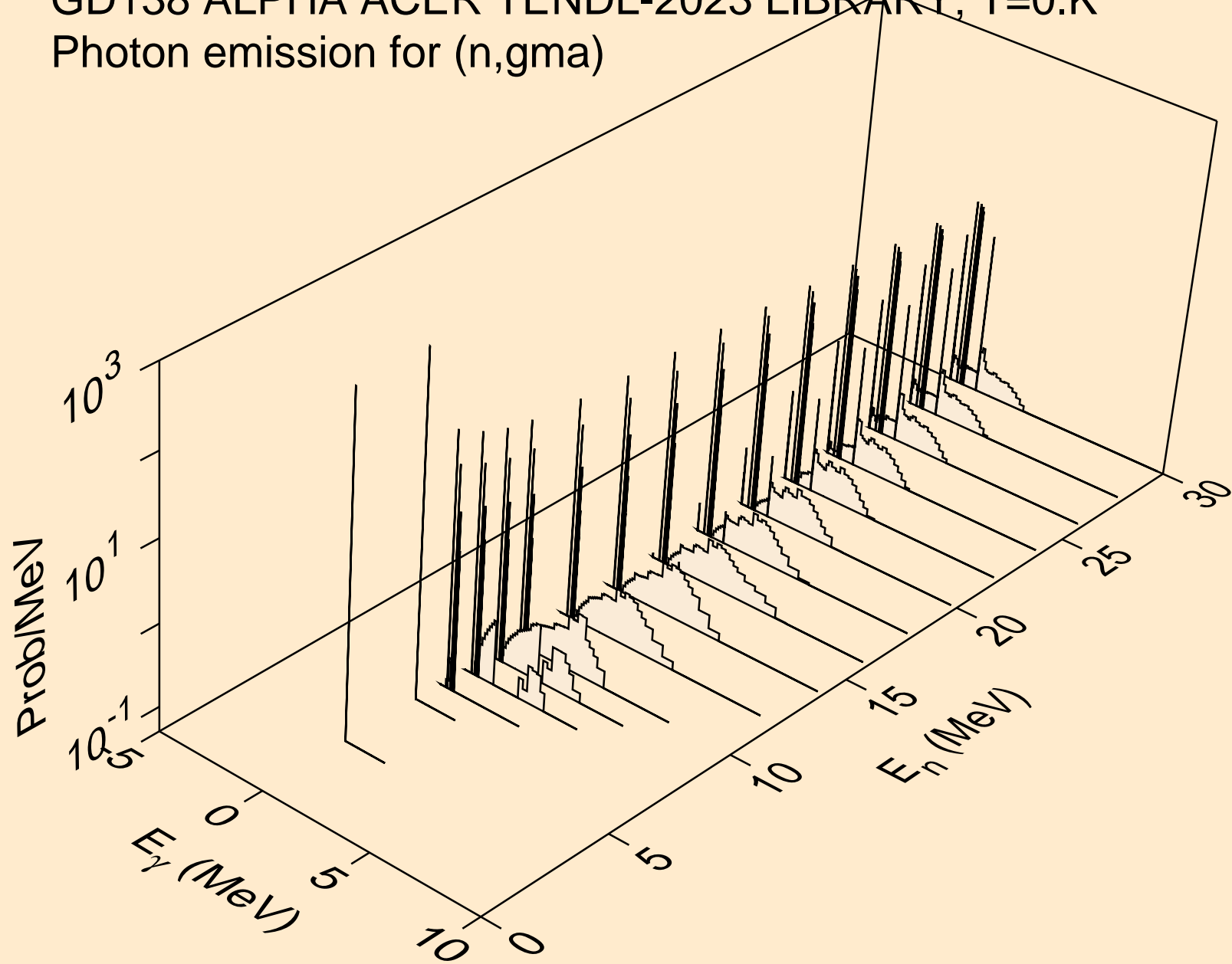
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



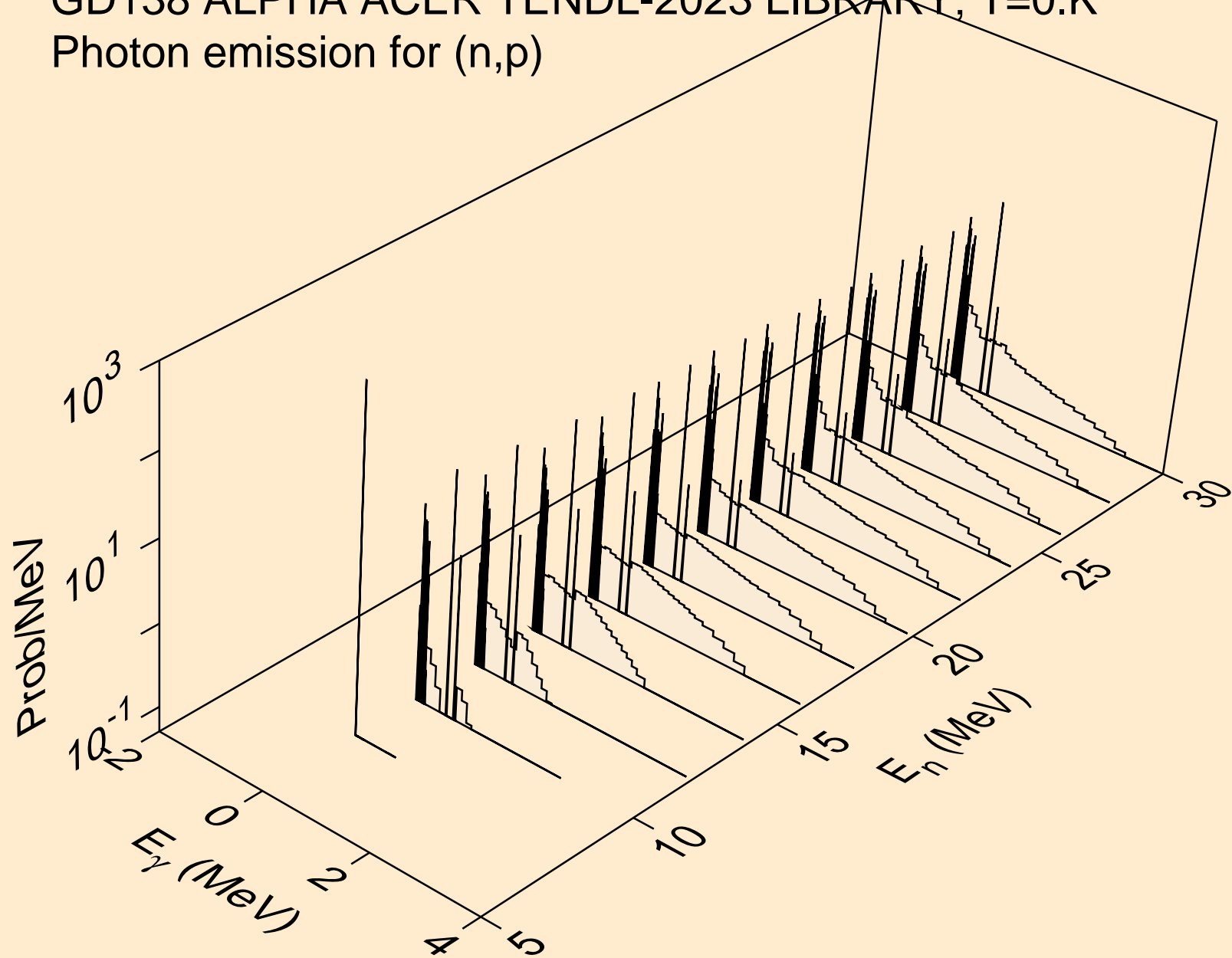
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



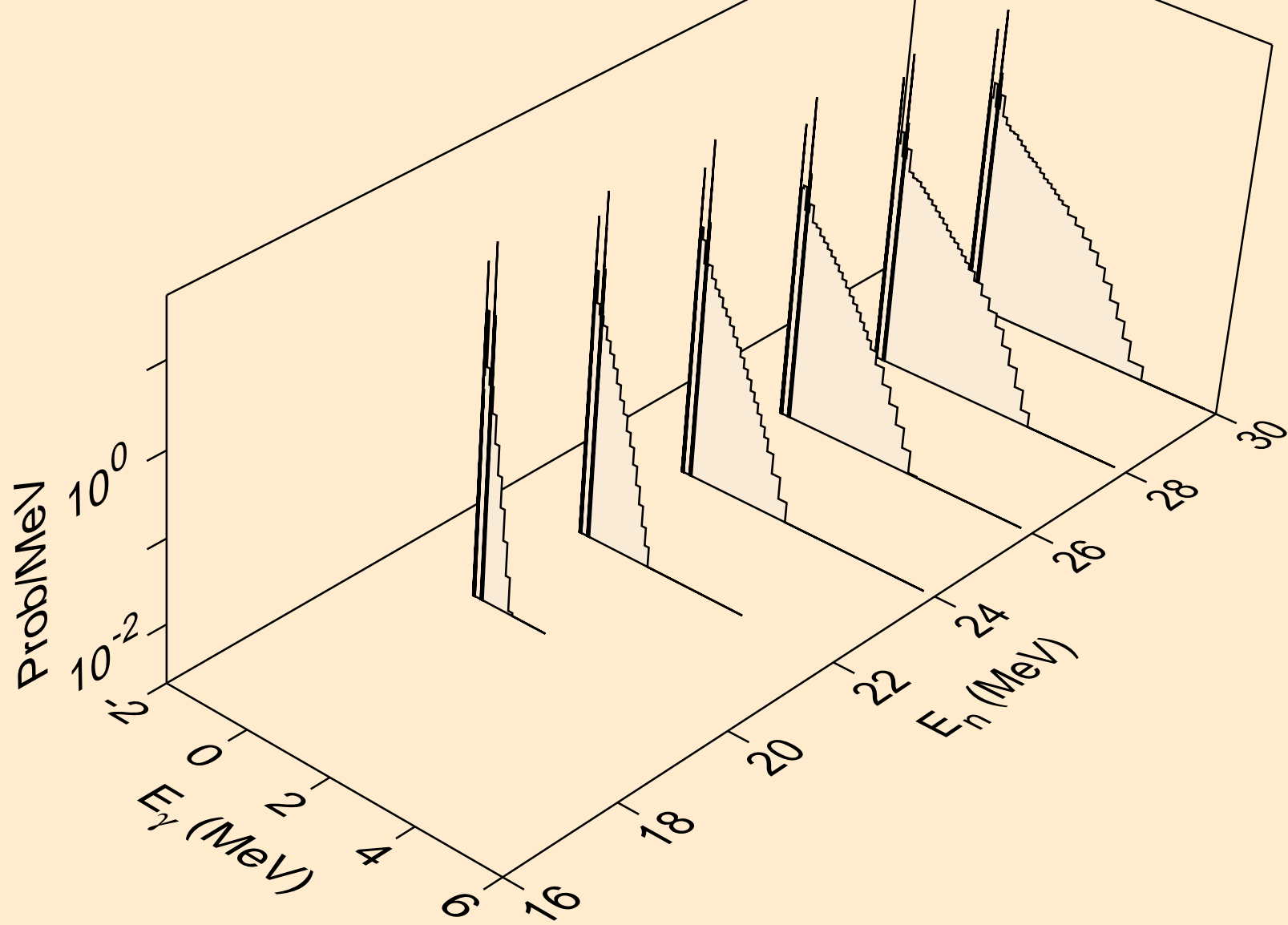
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



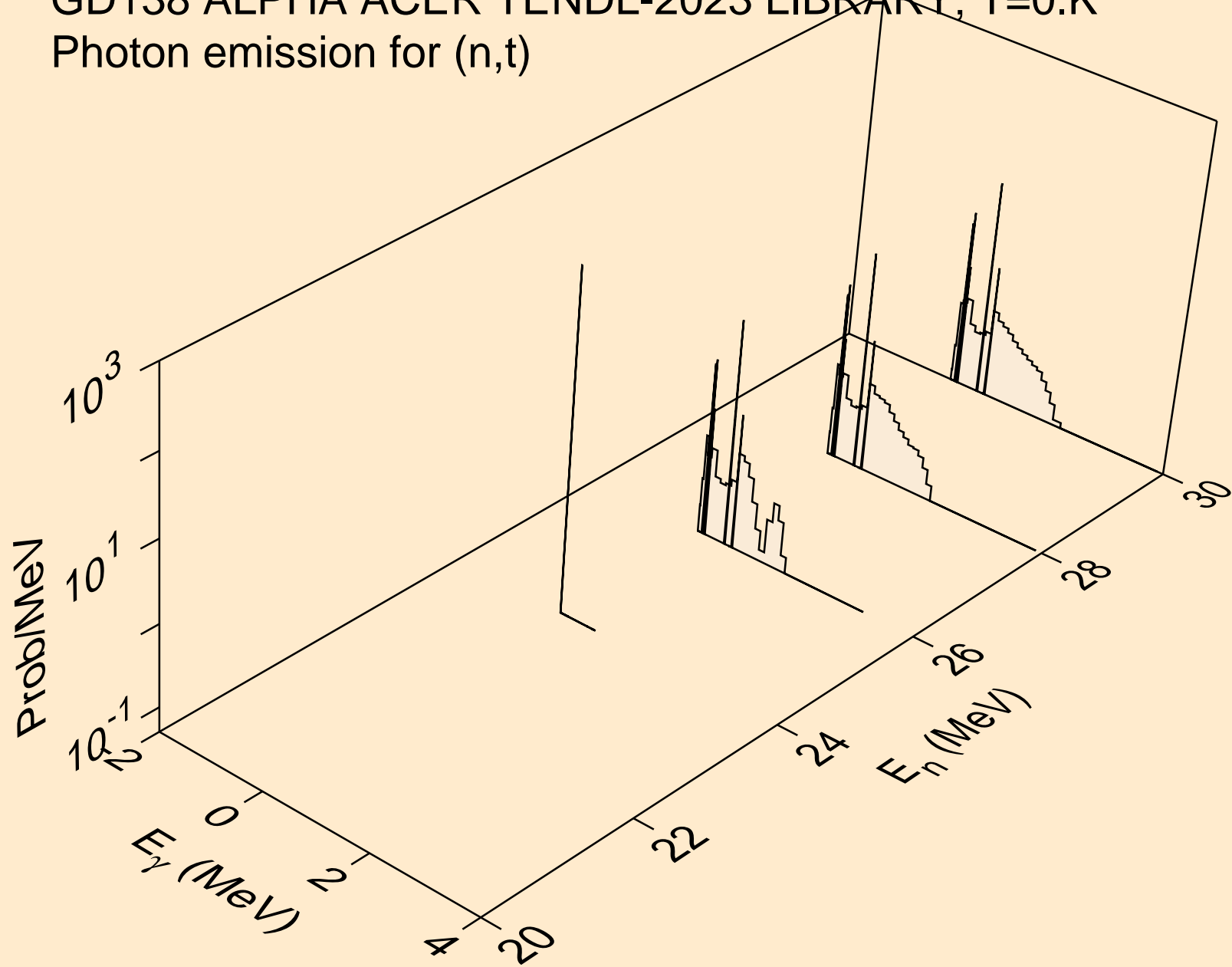
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

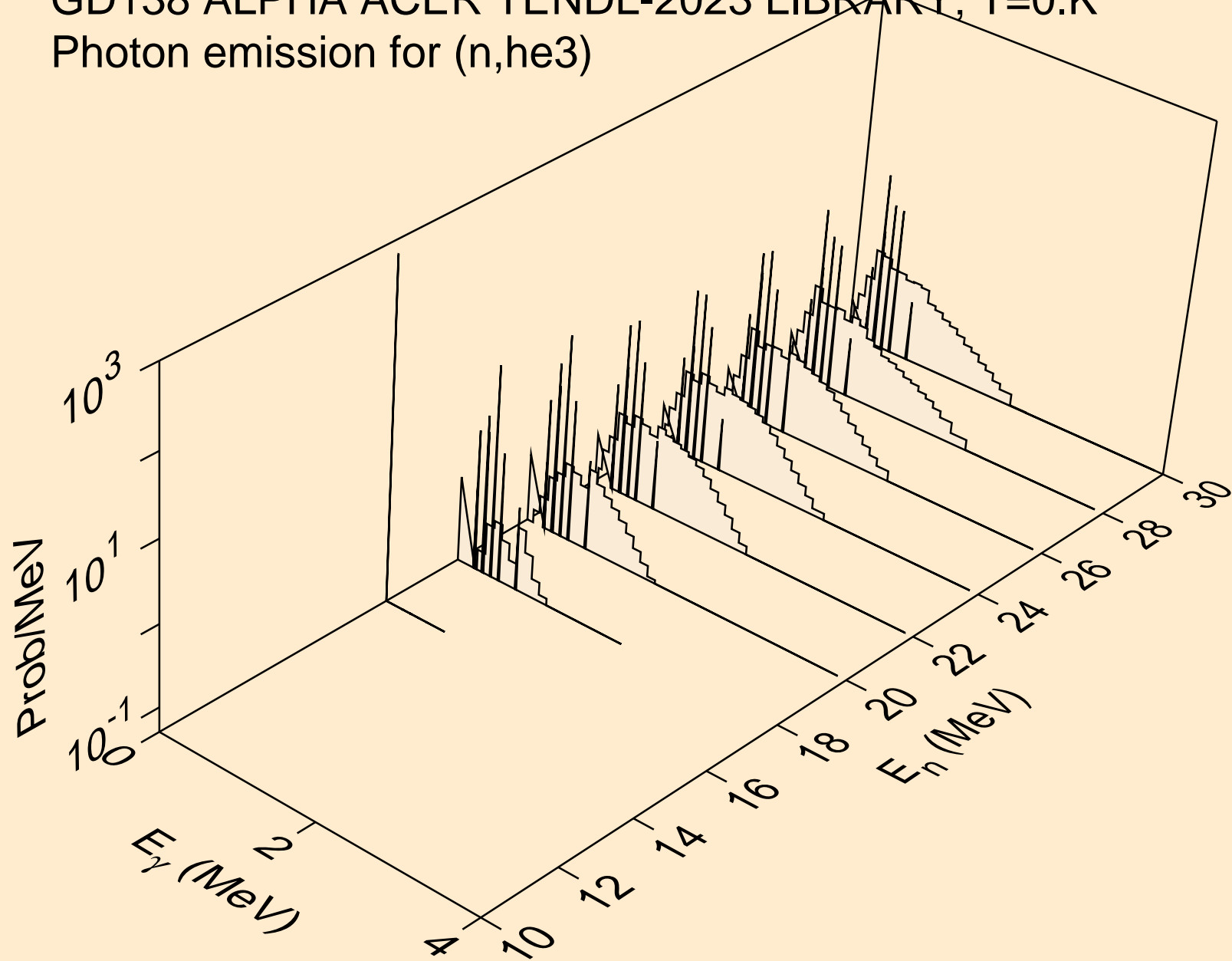


GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

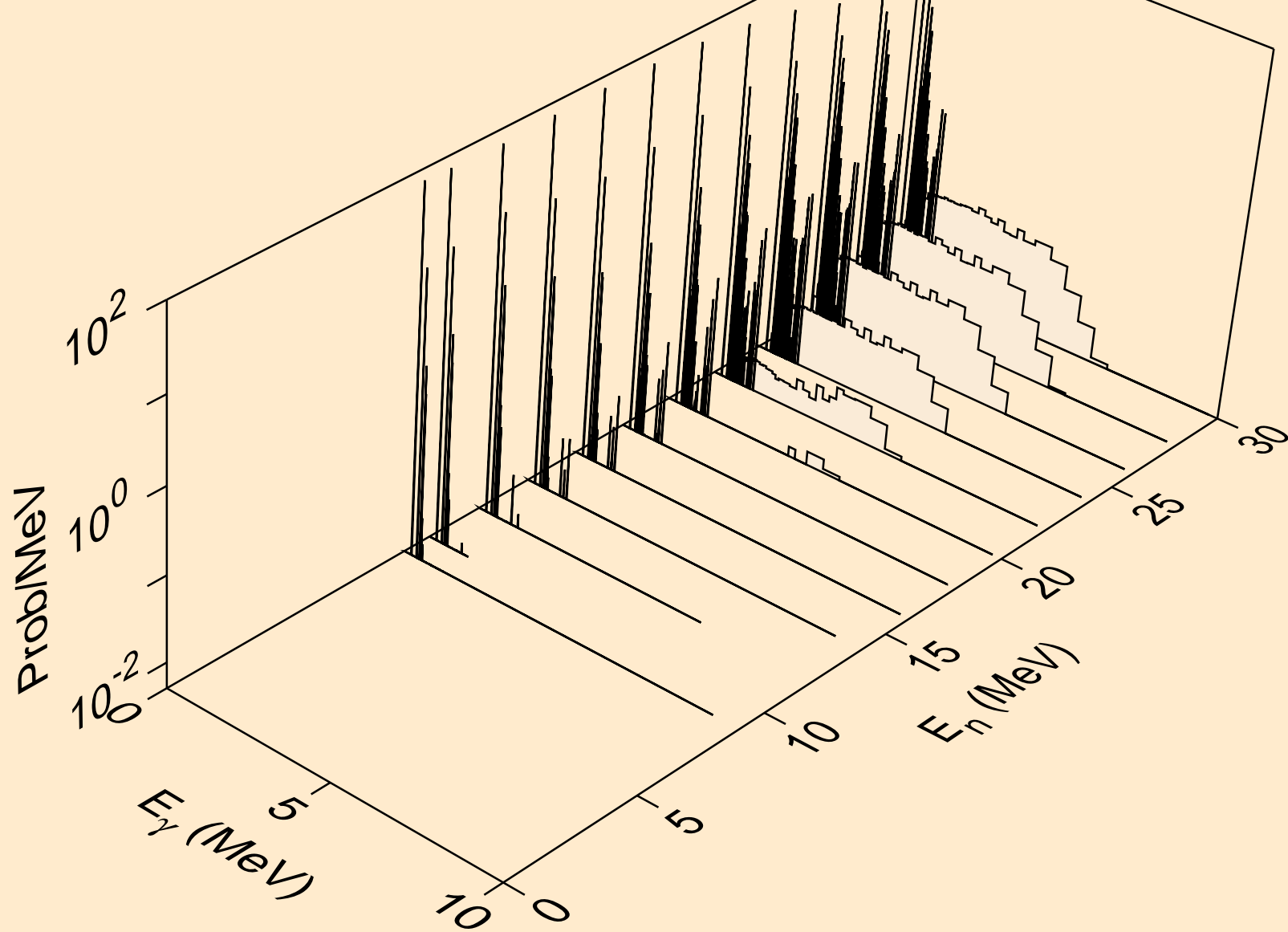




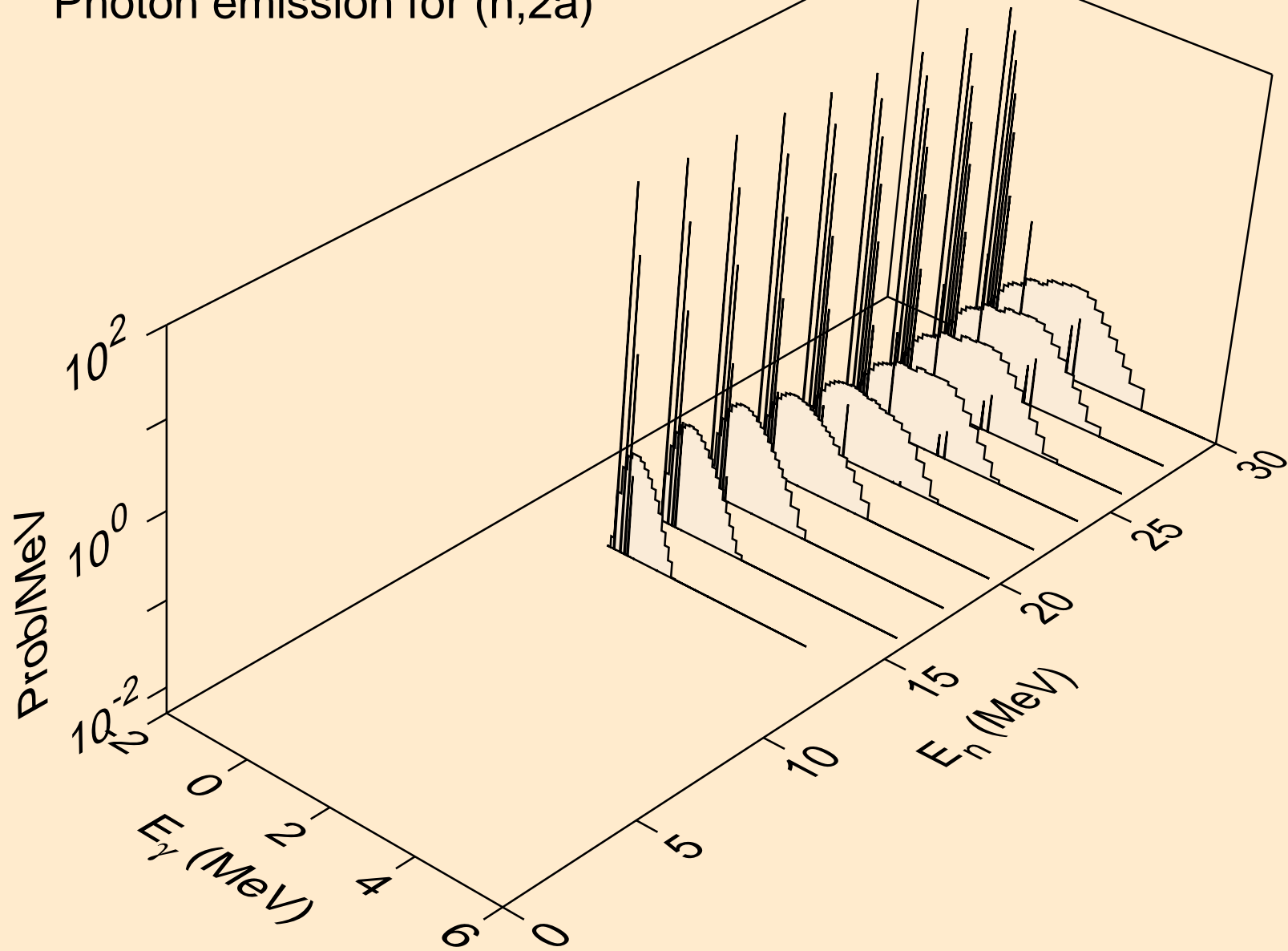
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



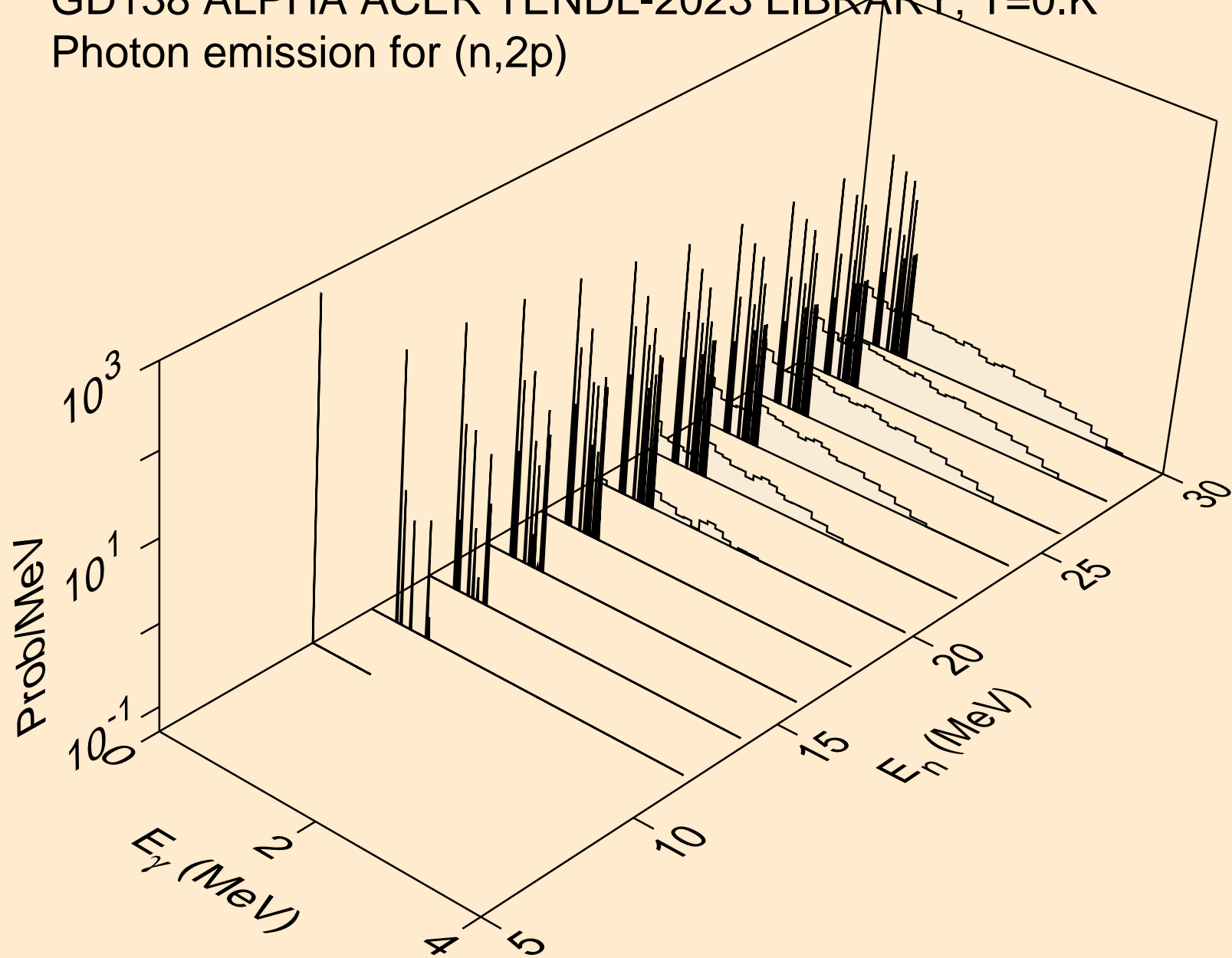
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



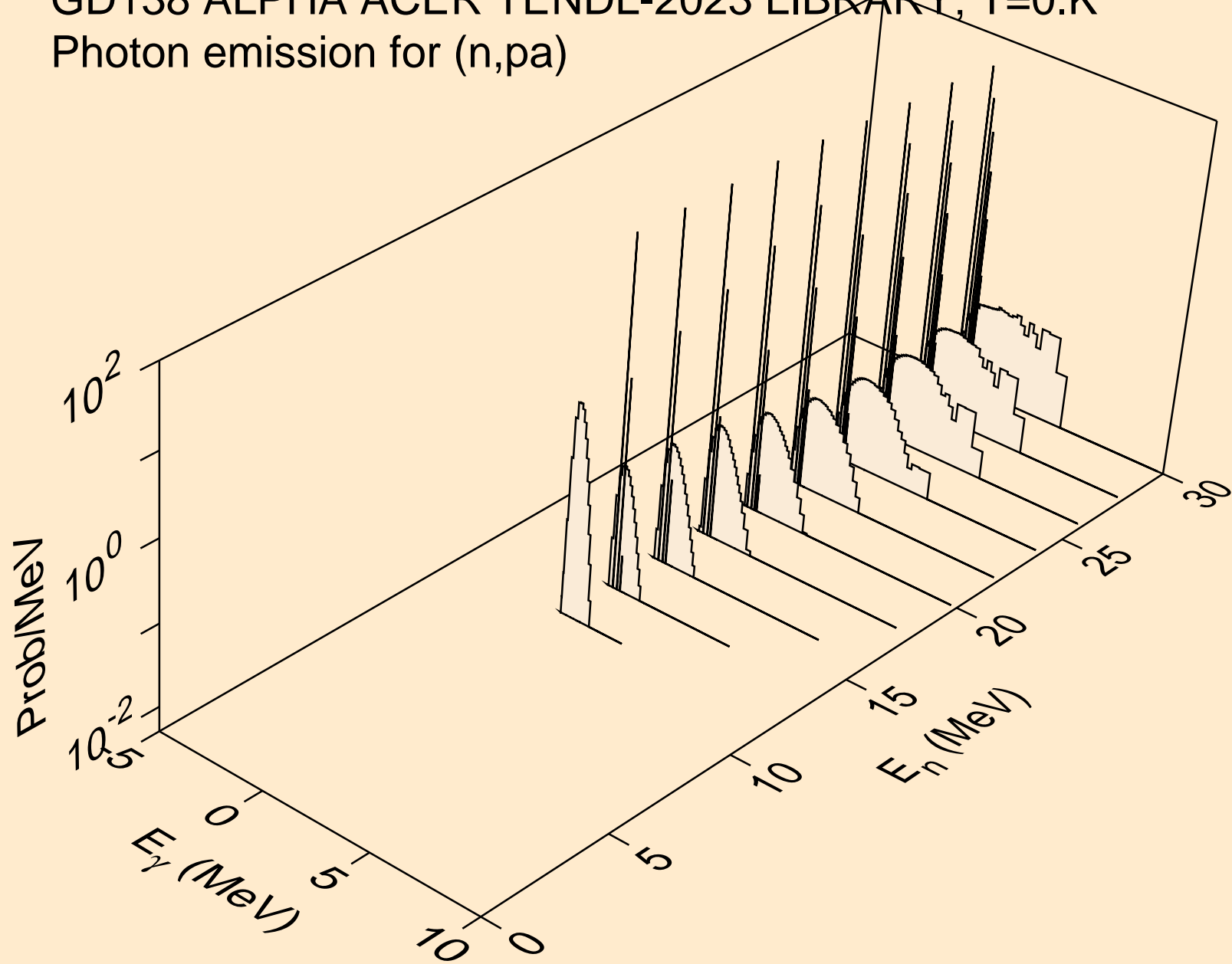
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



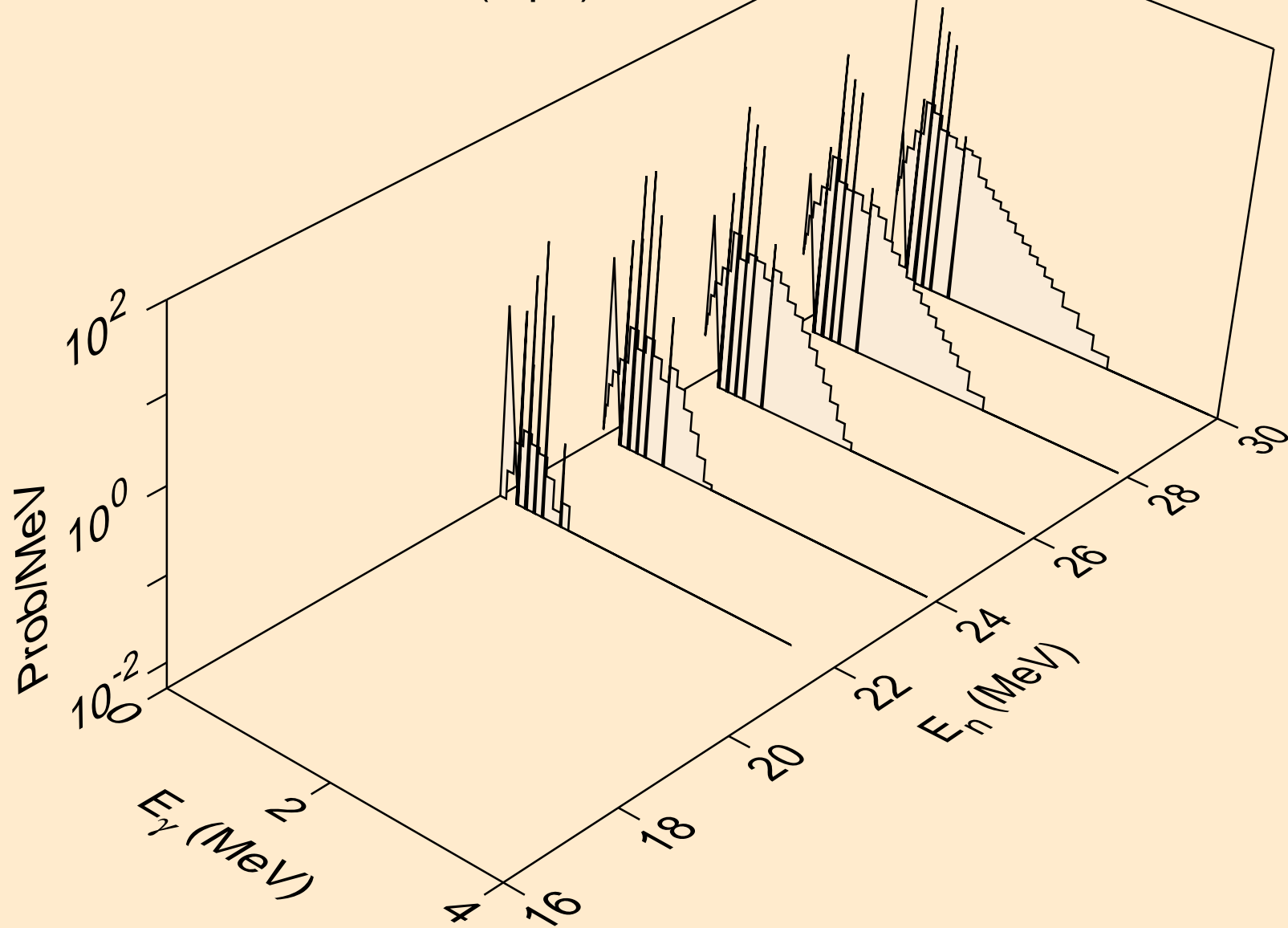
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



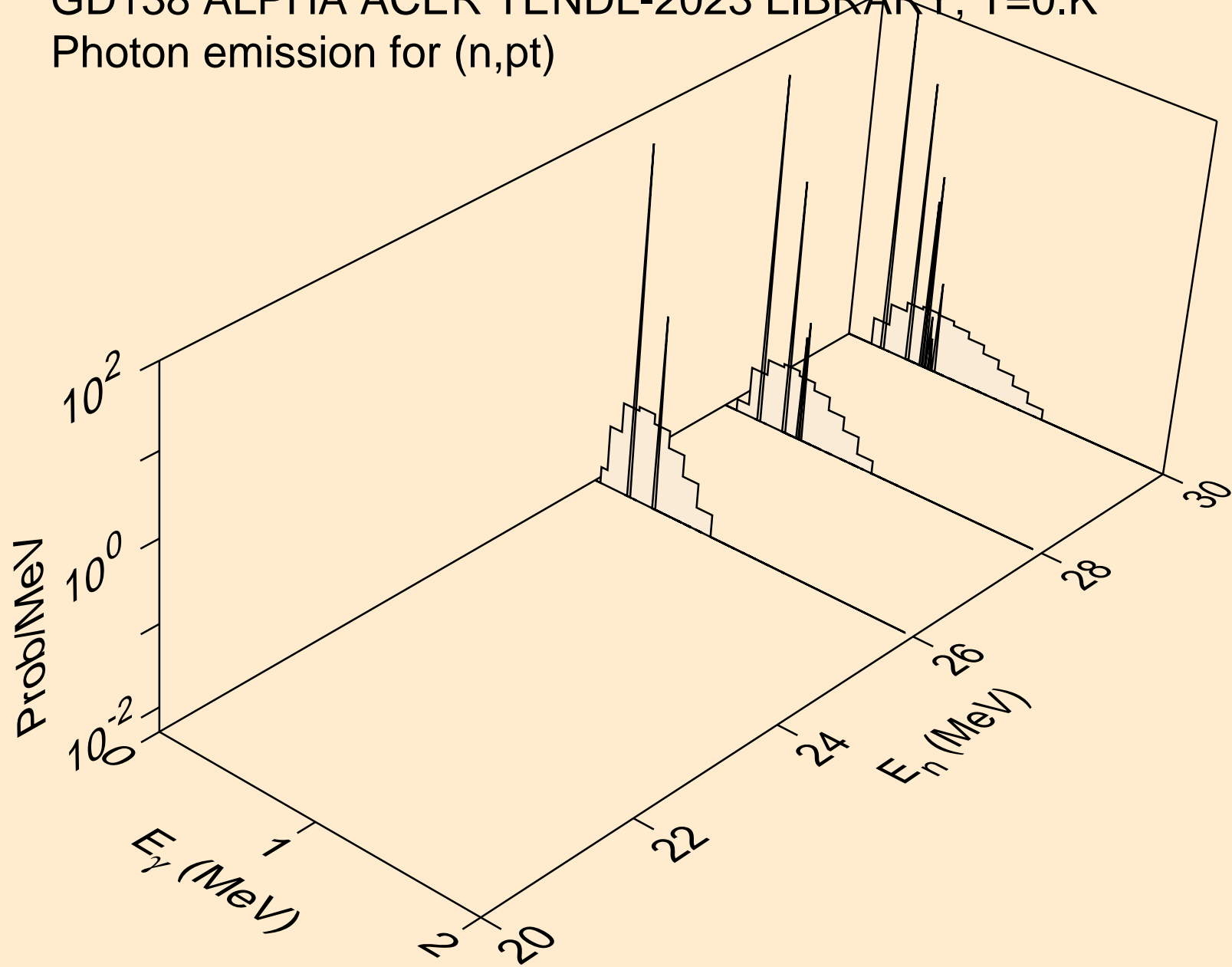
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



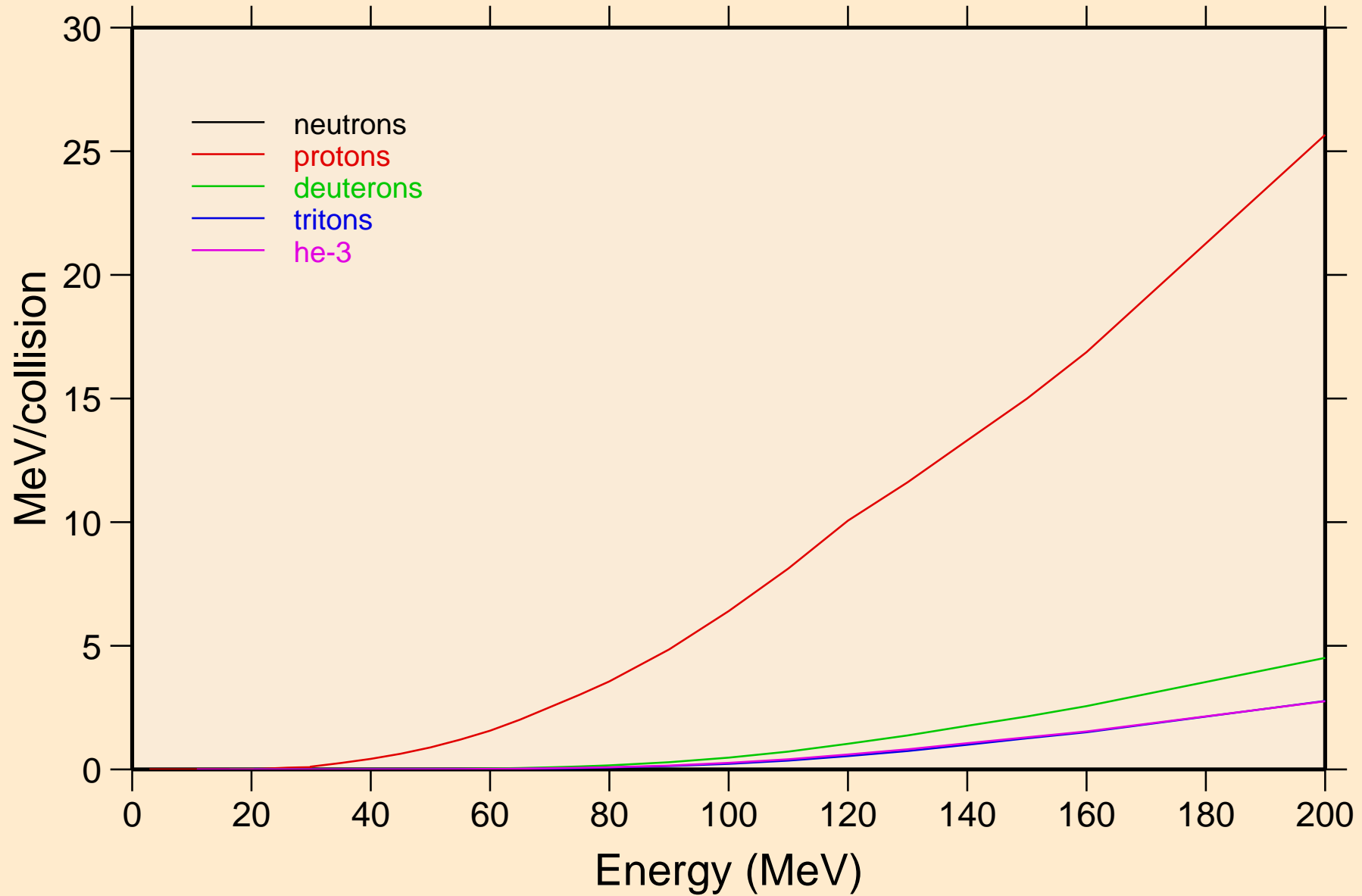
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



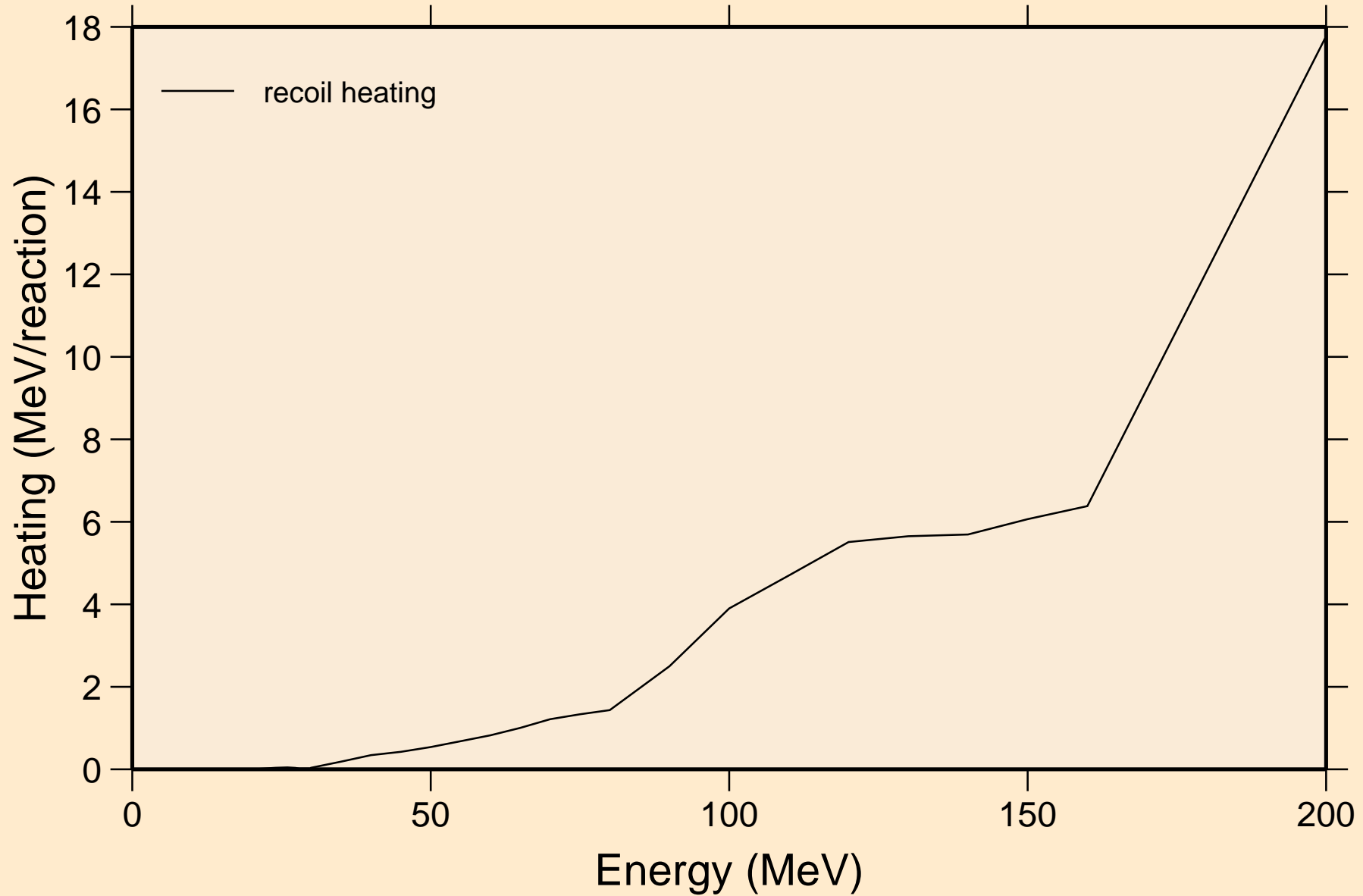
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



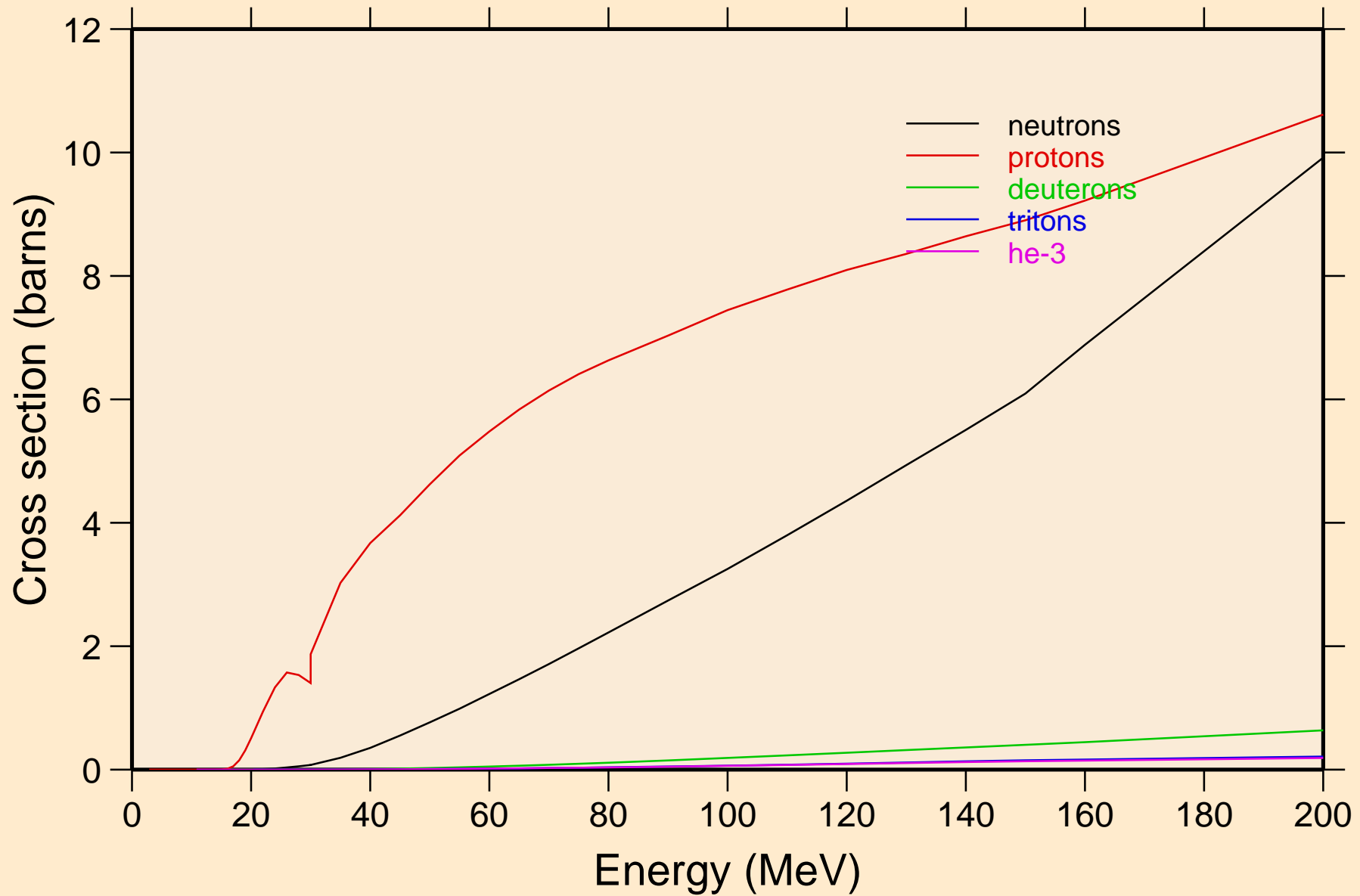


# GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

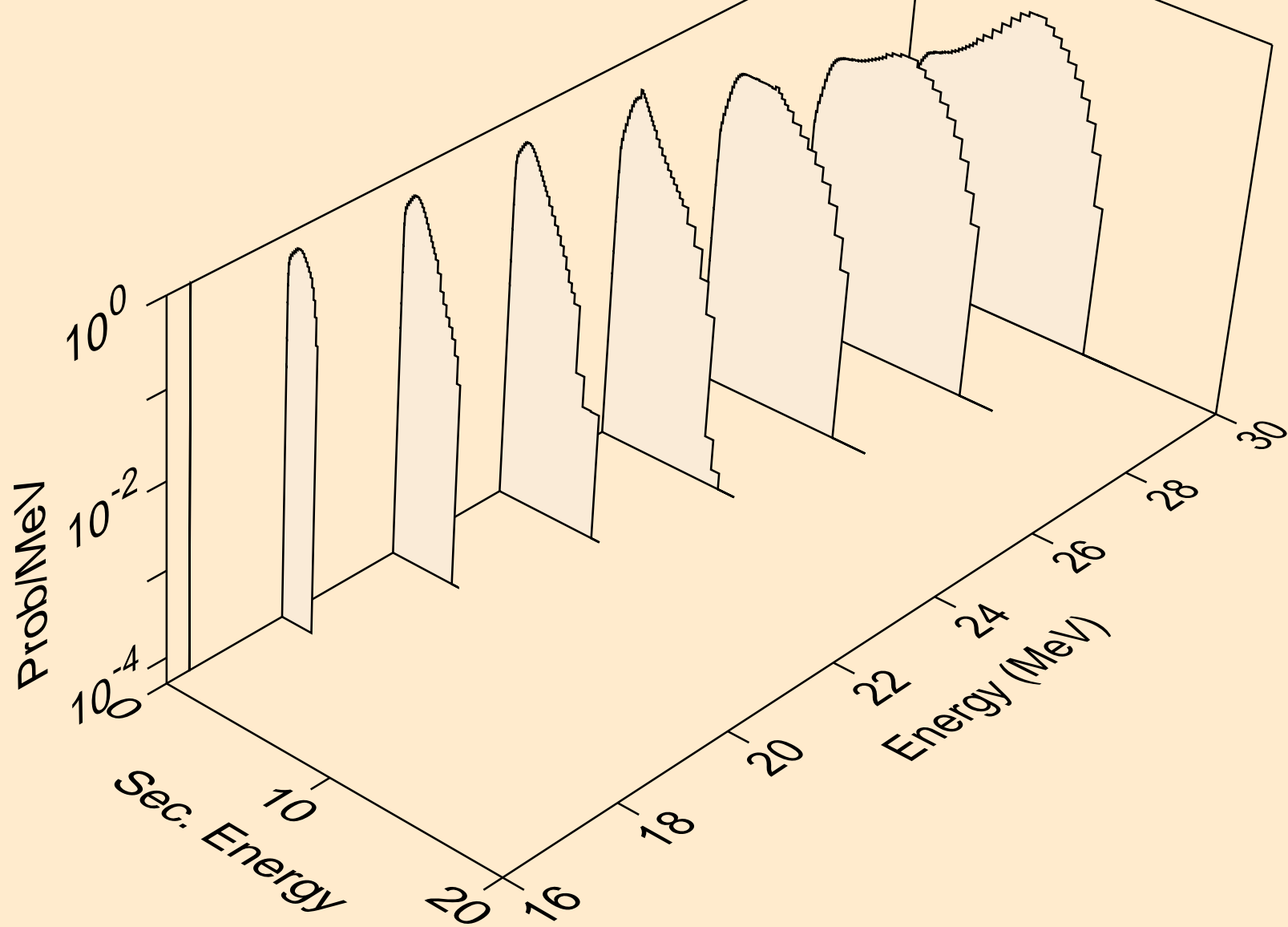
## Recoil Heating



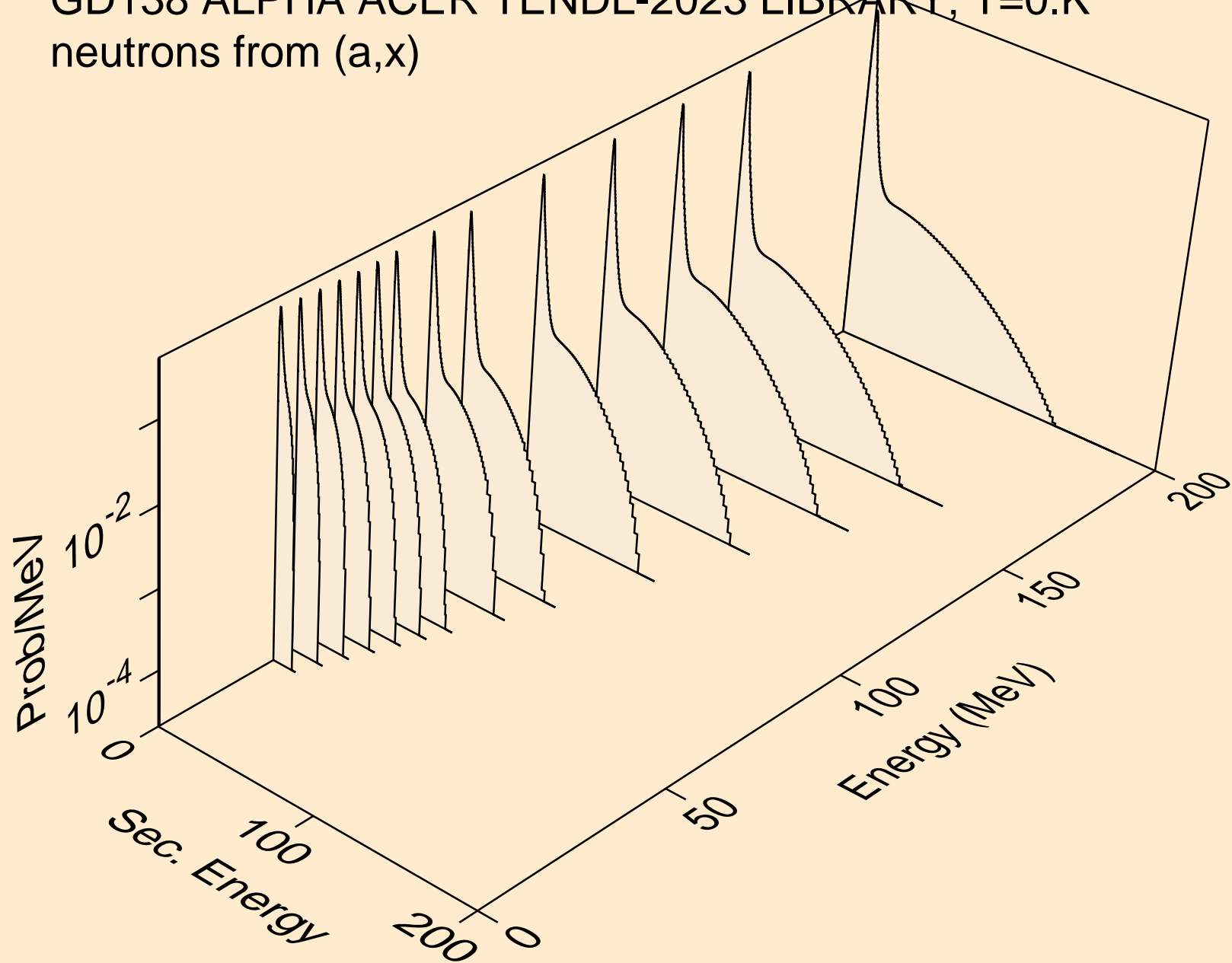
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



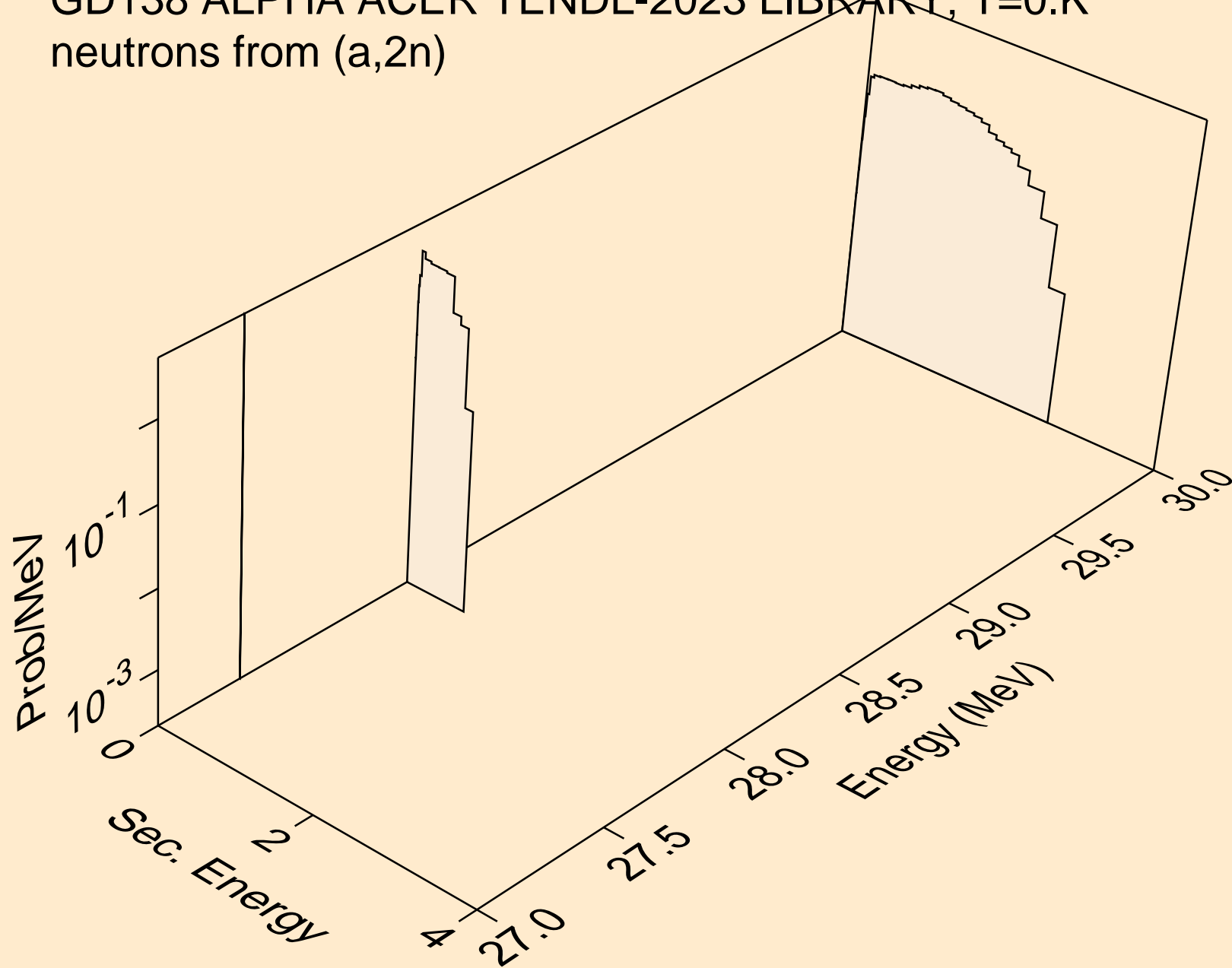
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



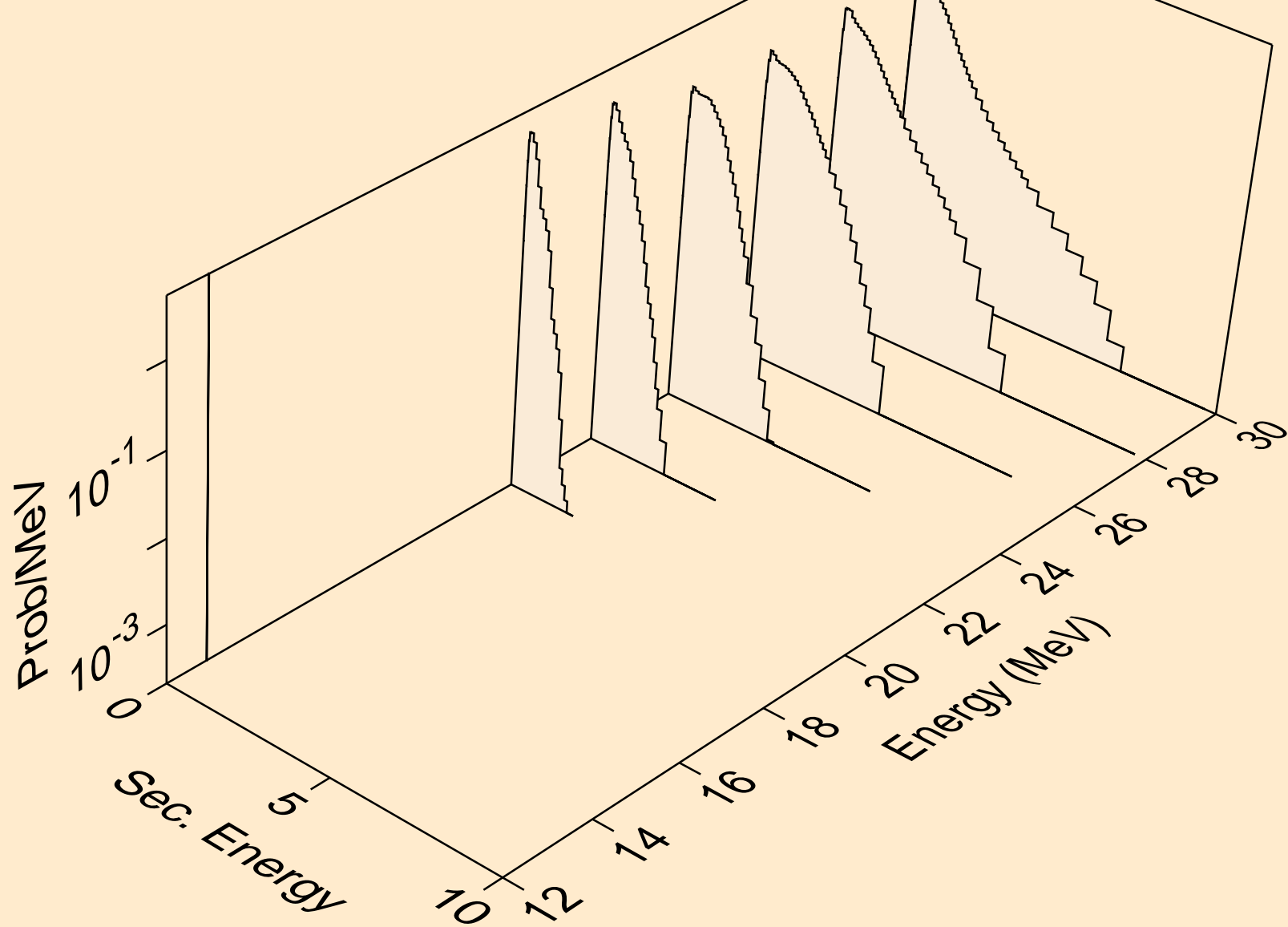
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



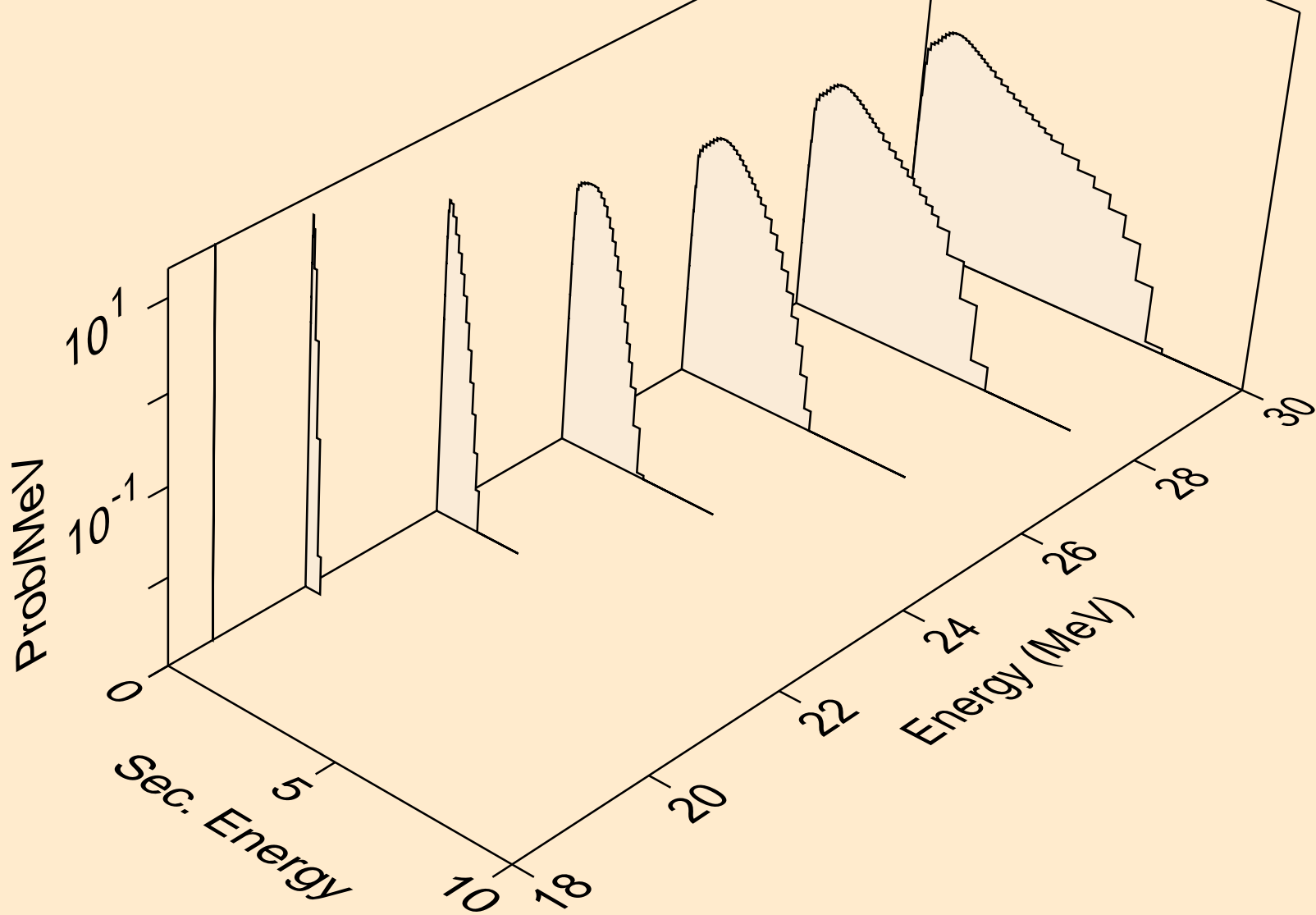
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



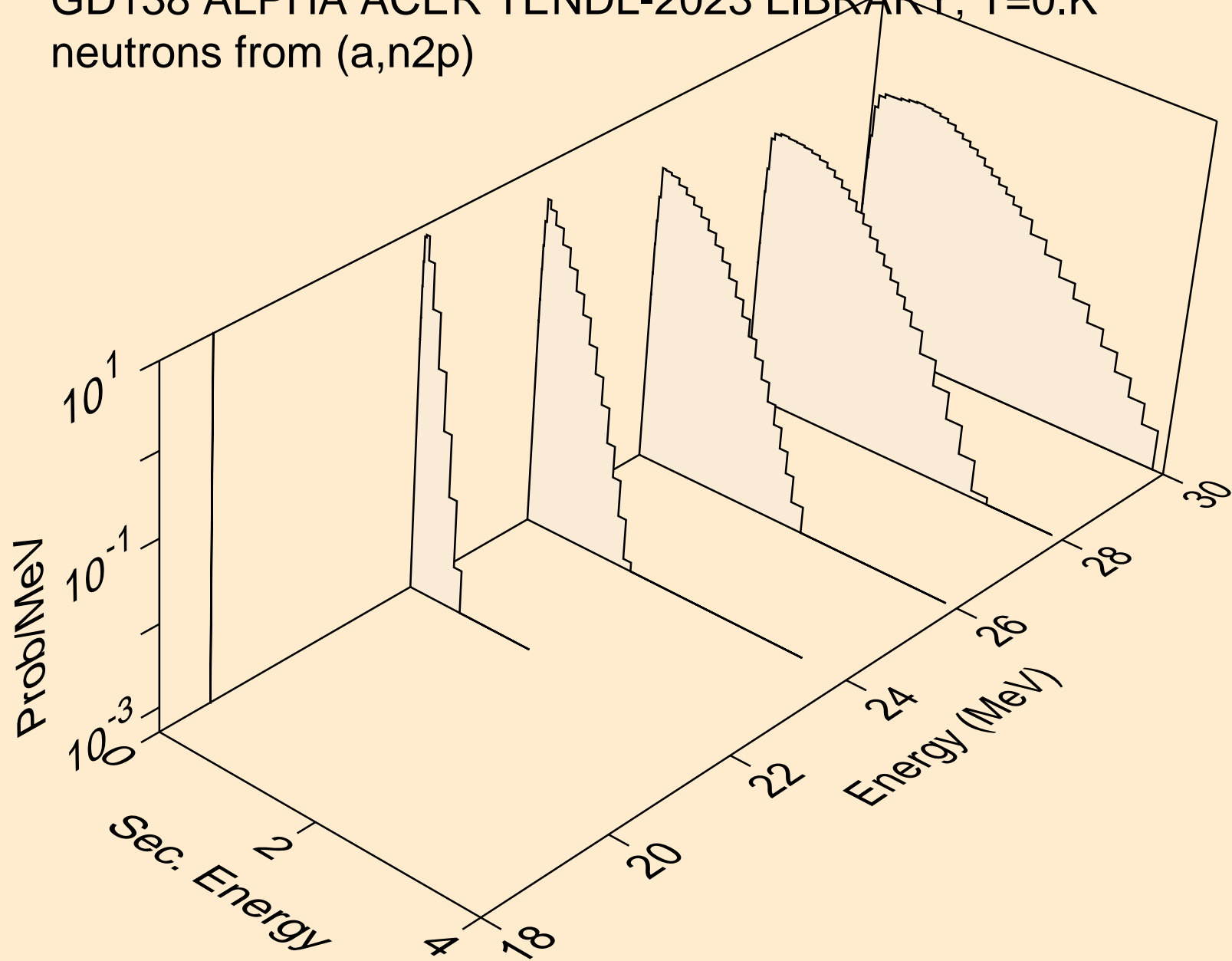
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

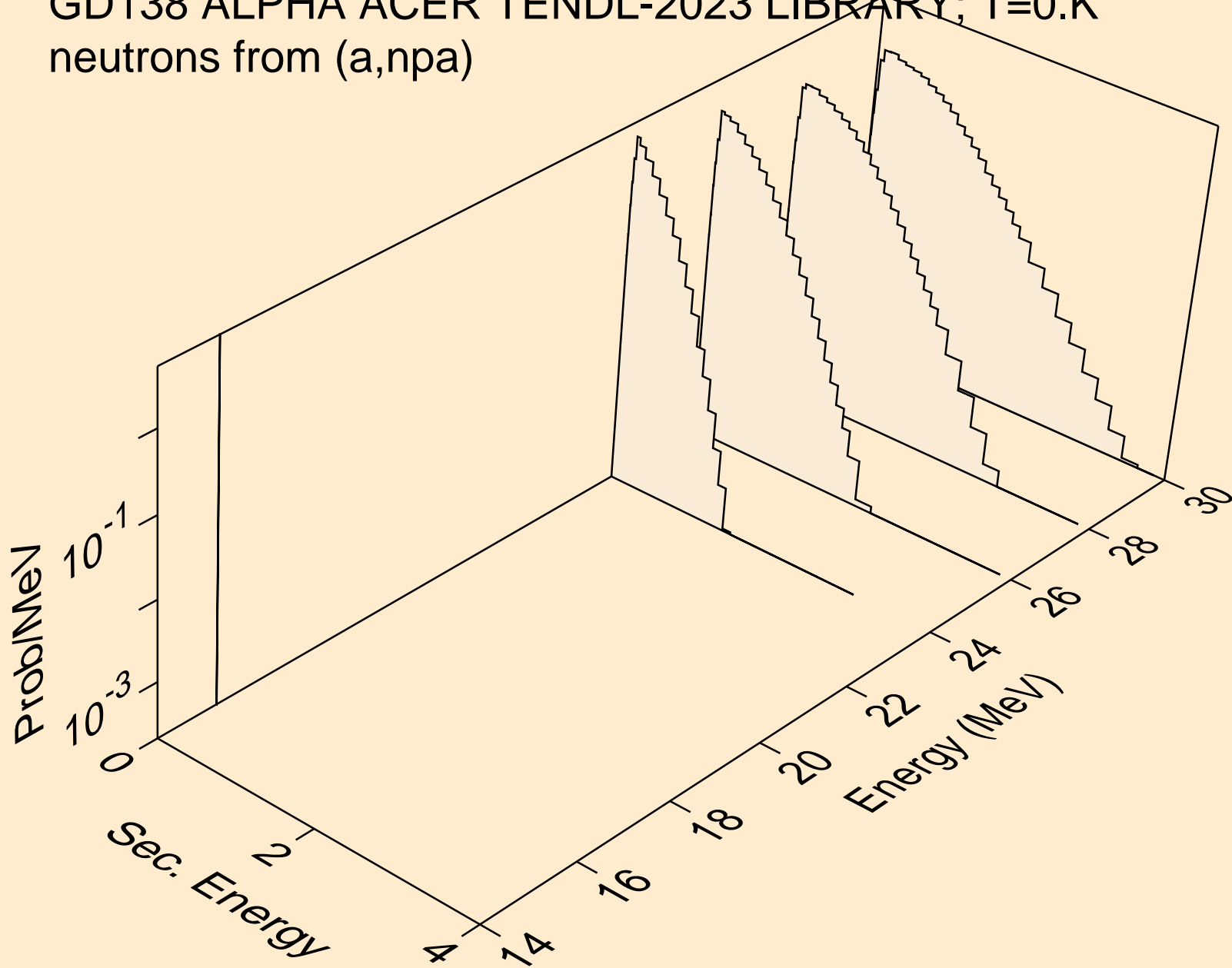


GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)

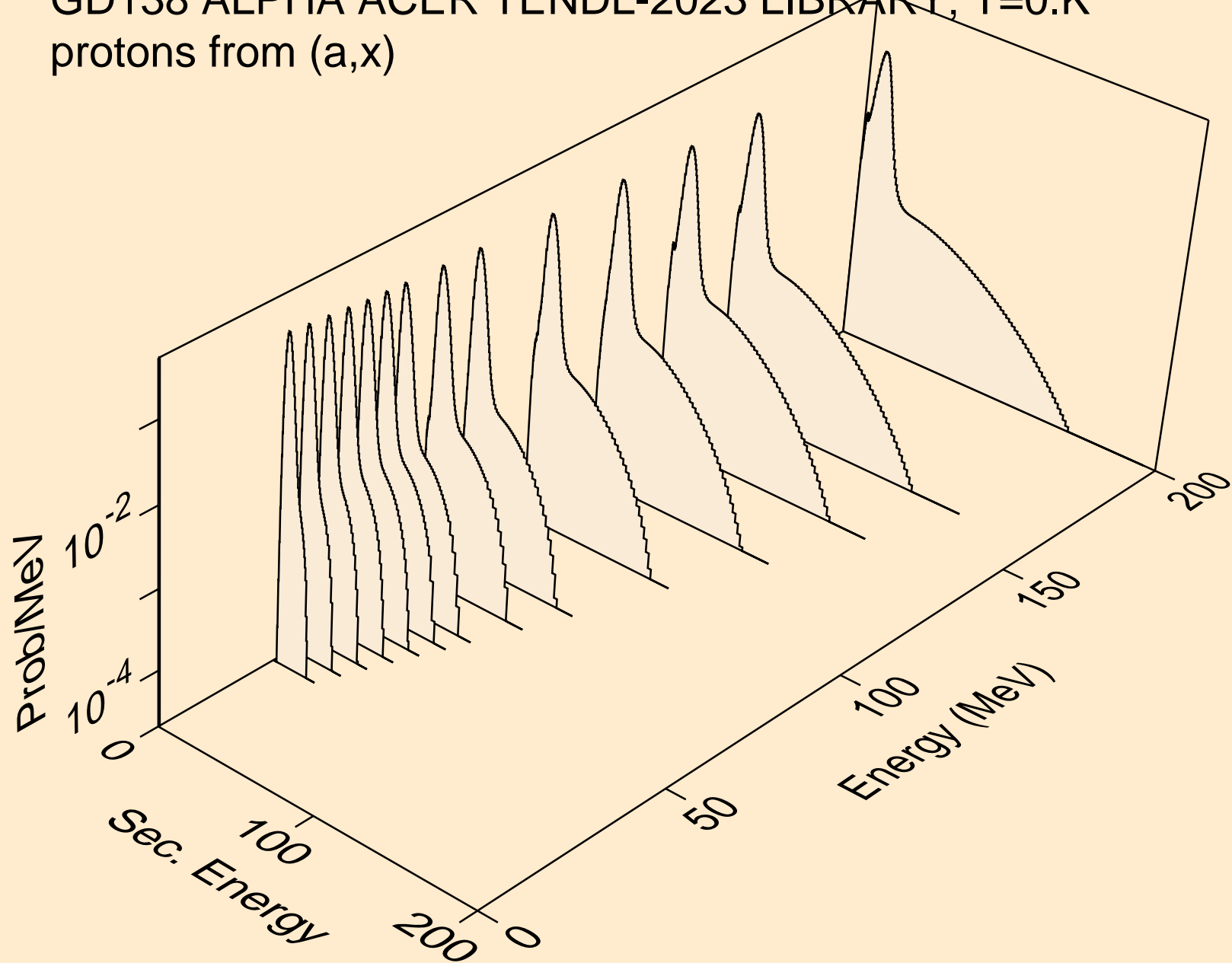




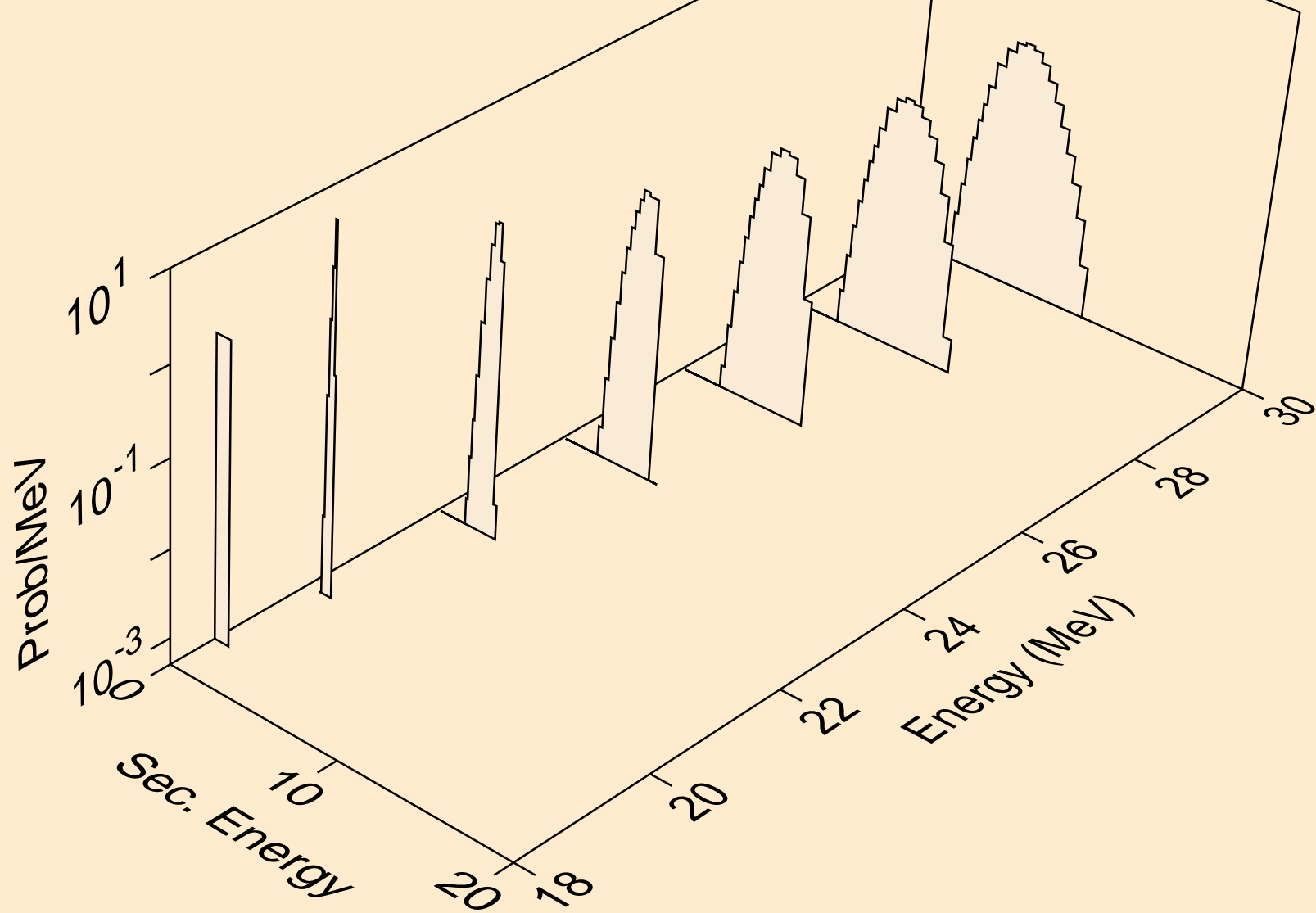
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



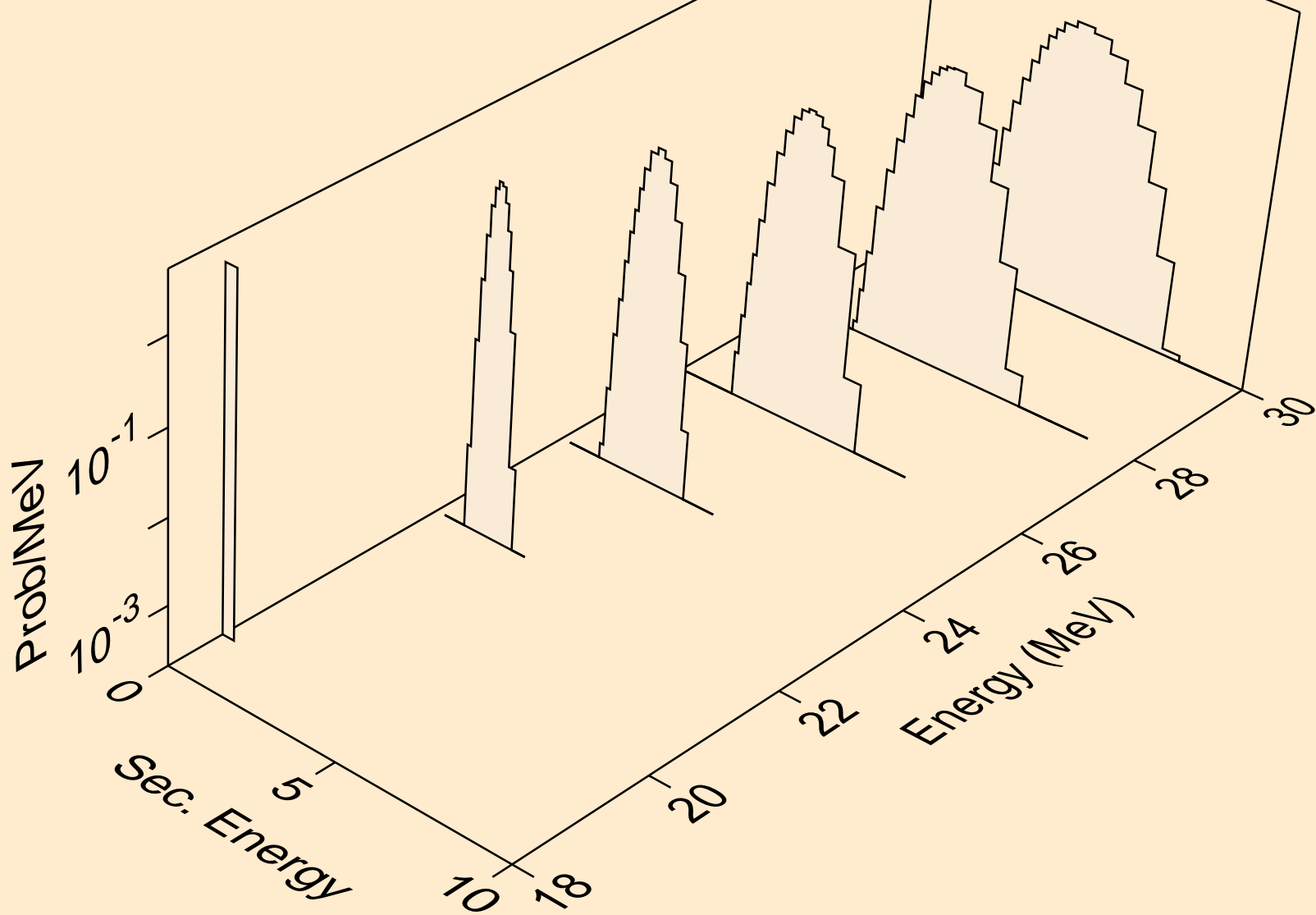
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



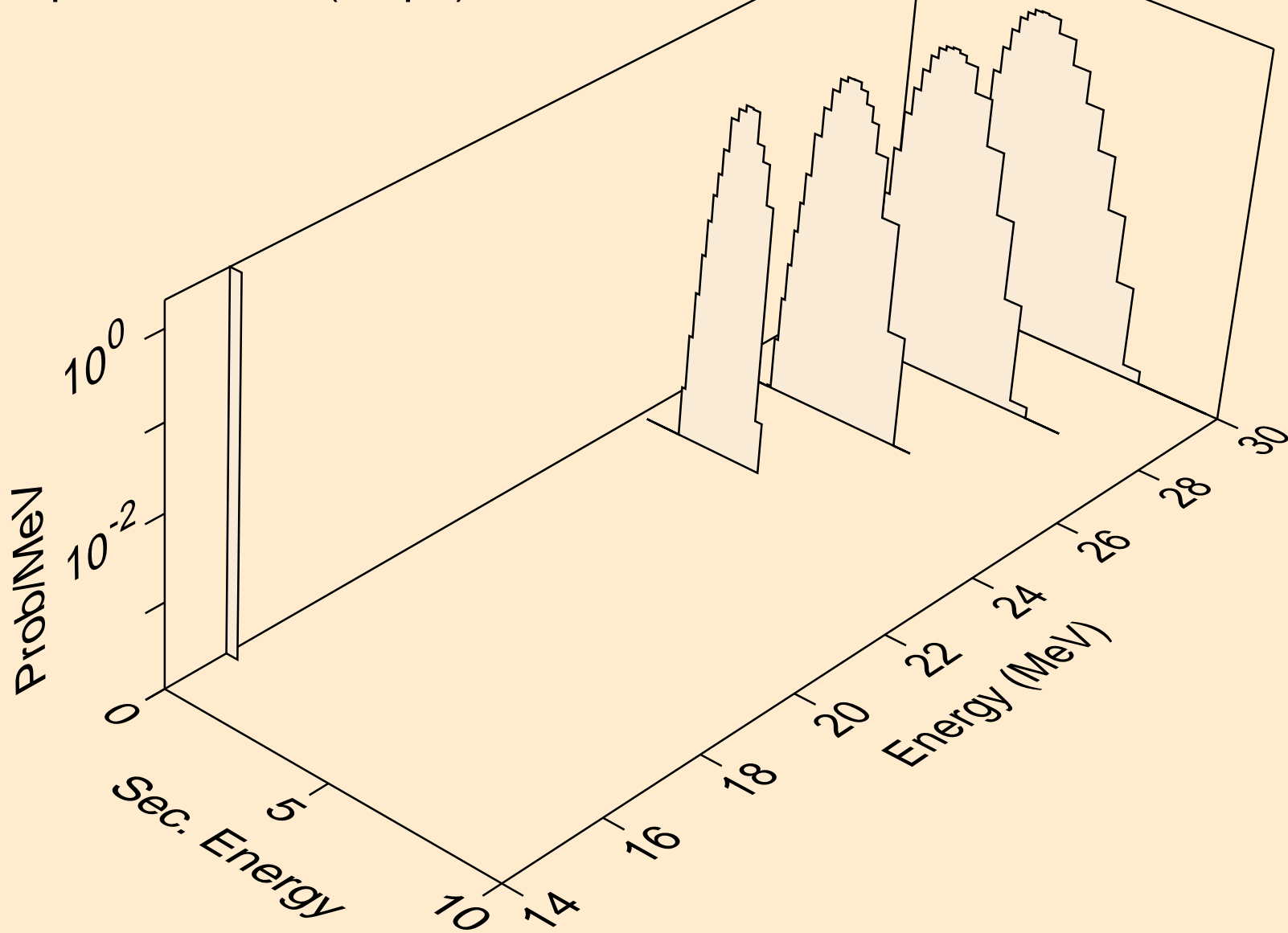
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



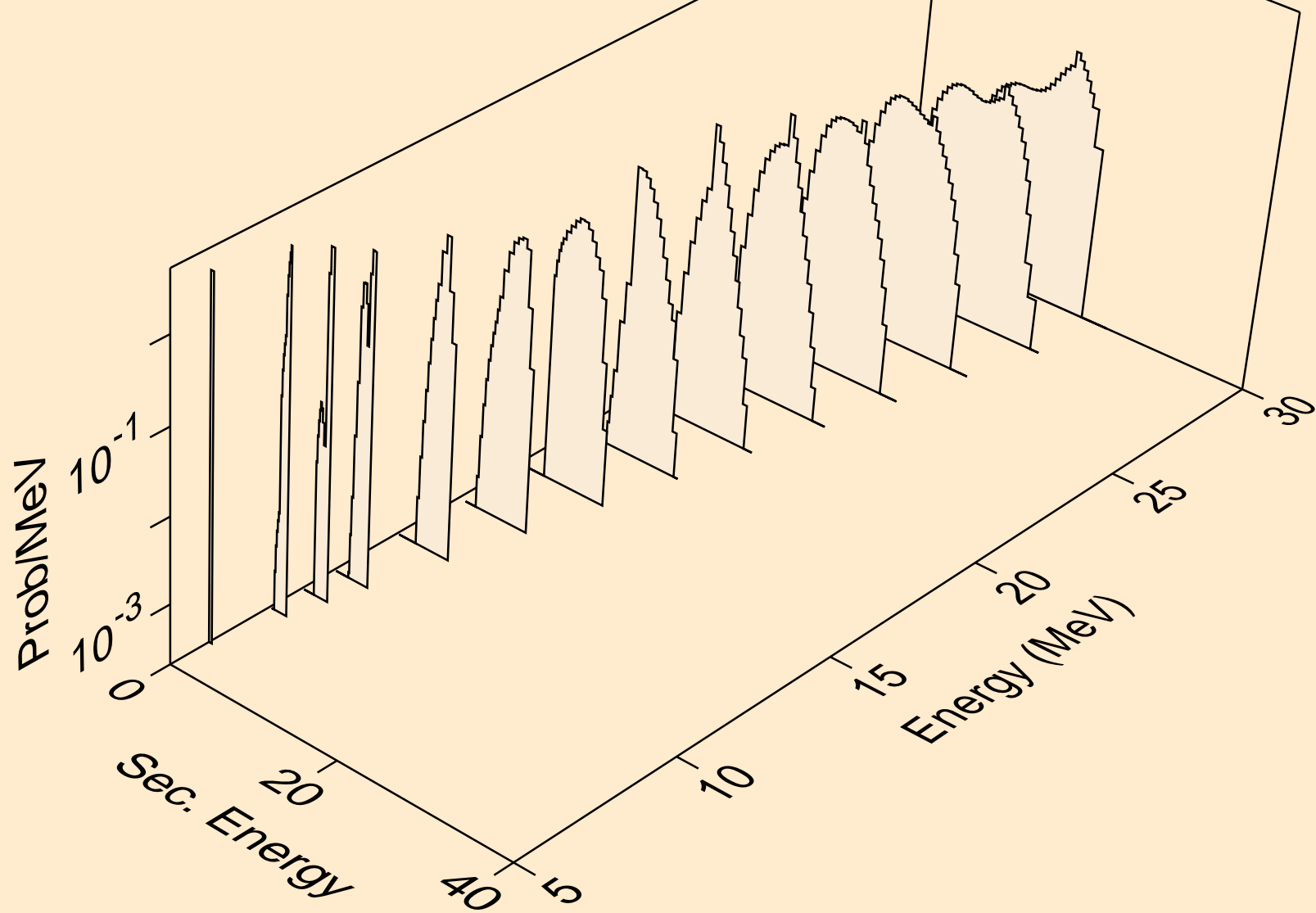
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



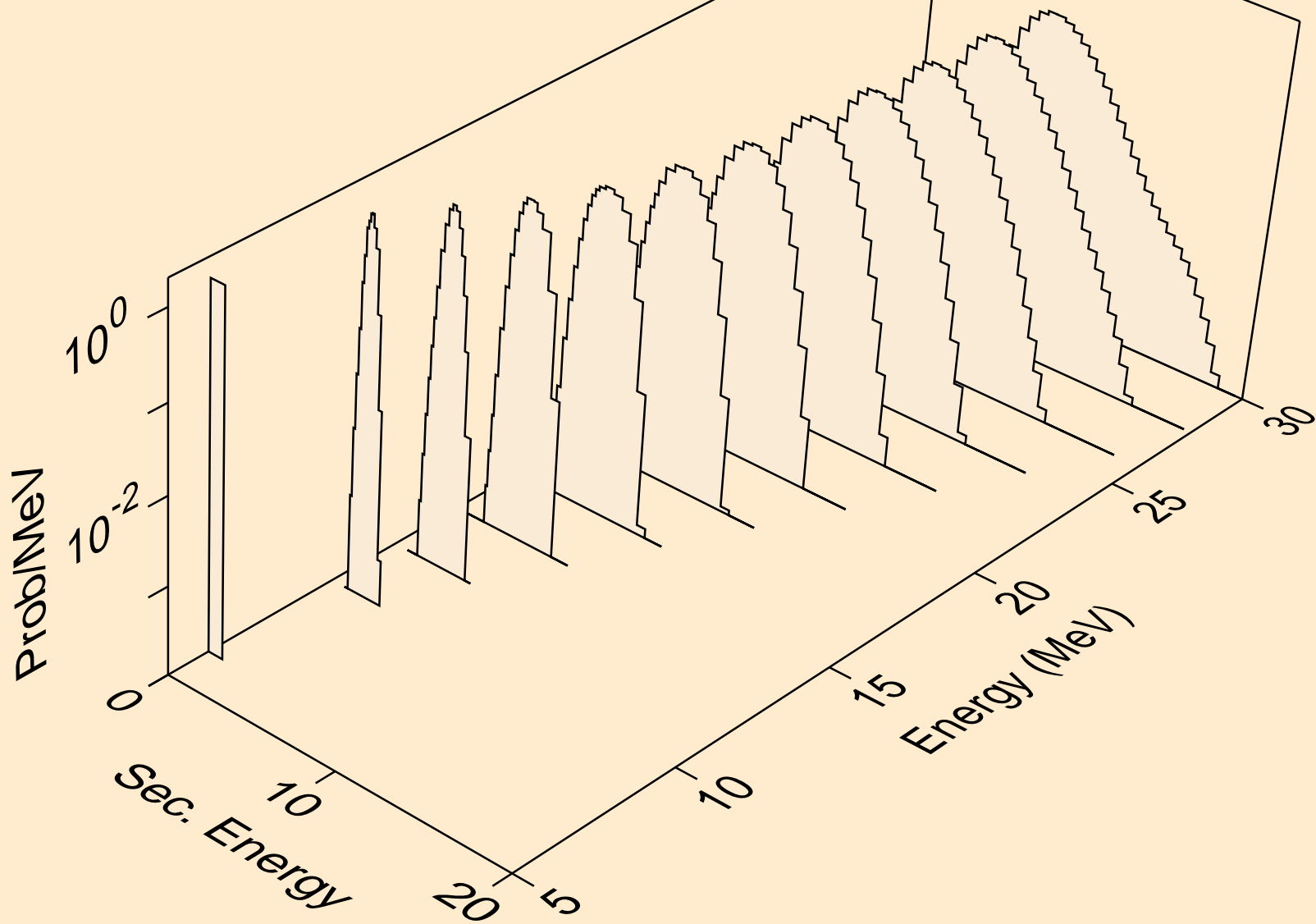
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protons from (a,npa)



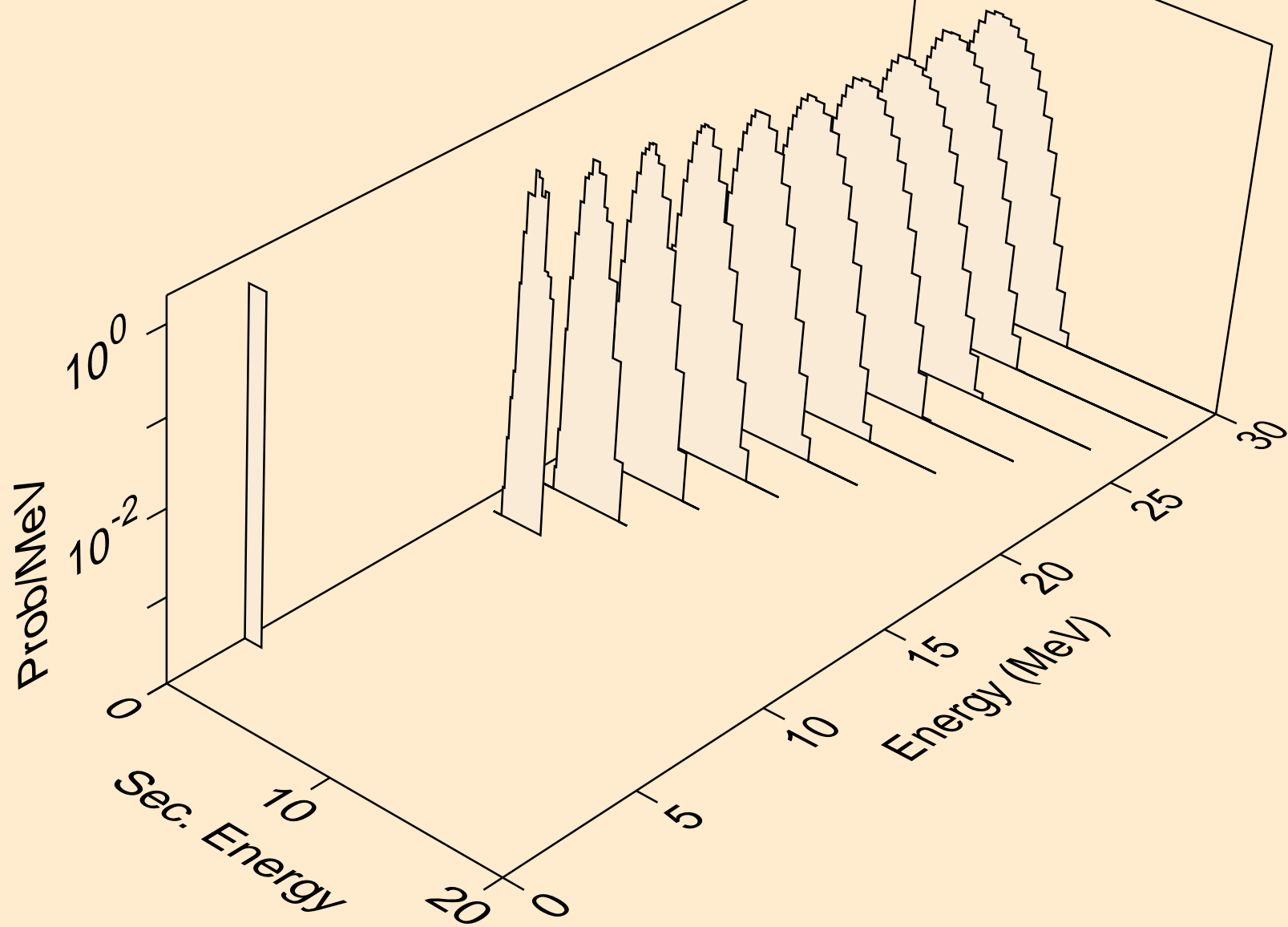
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)

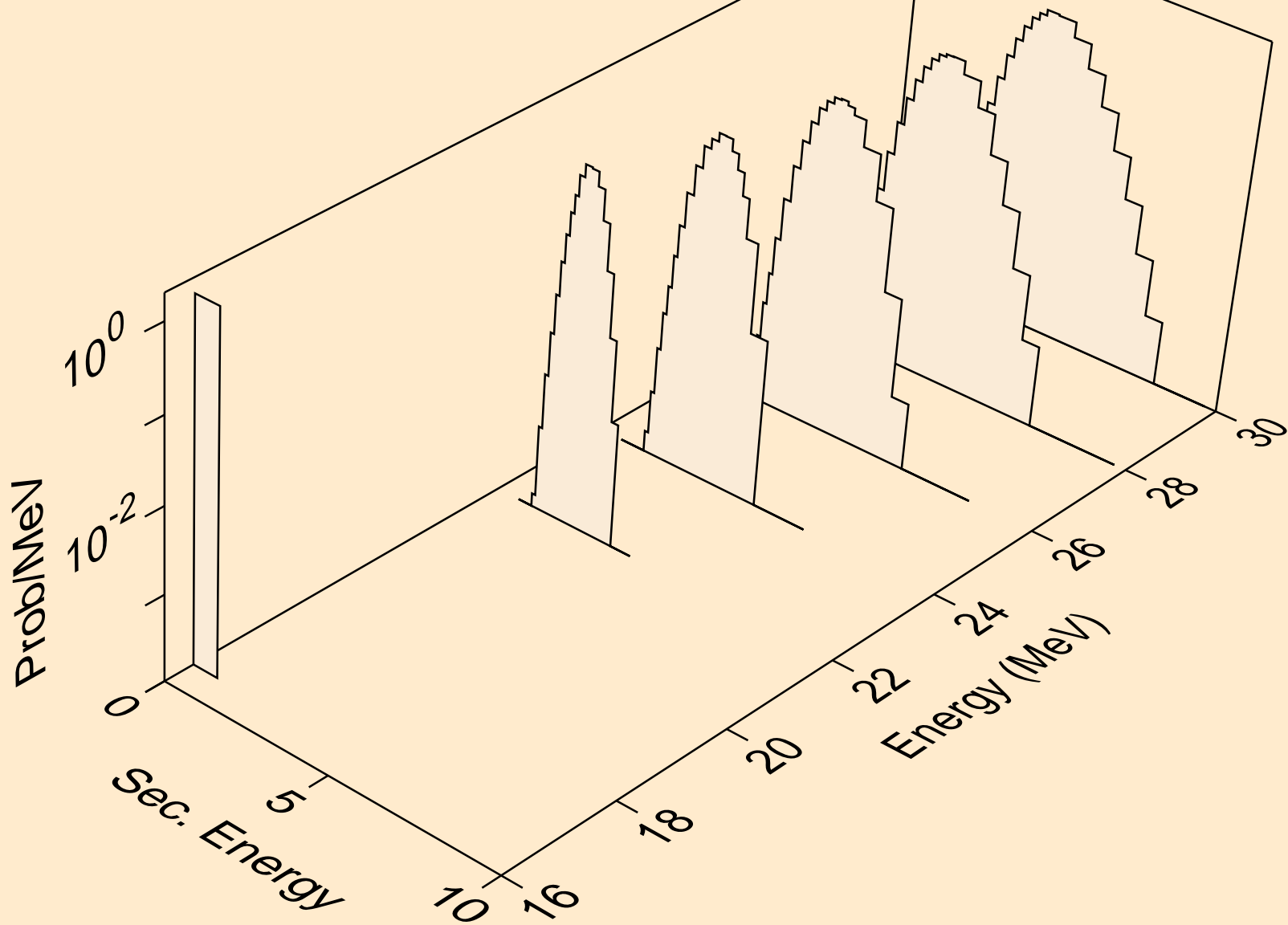


GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)

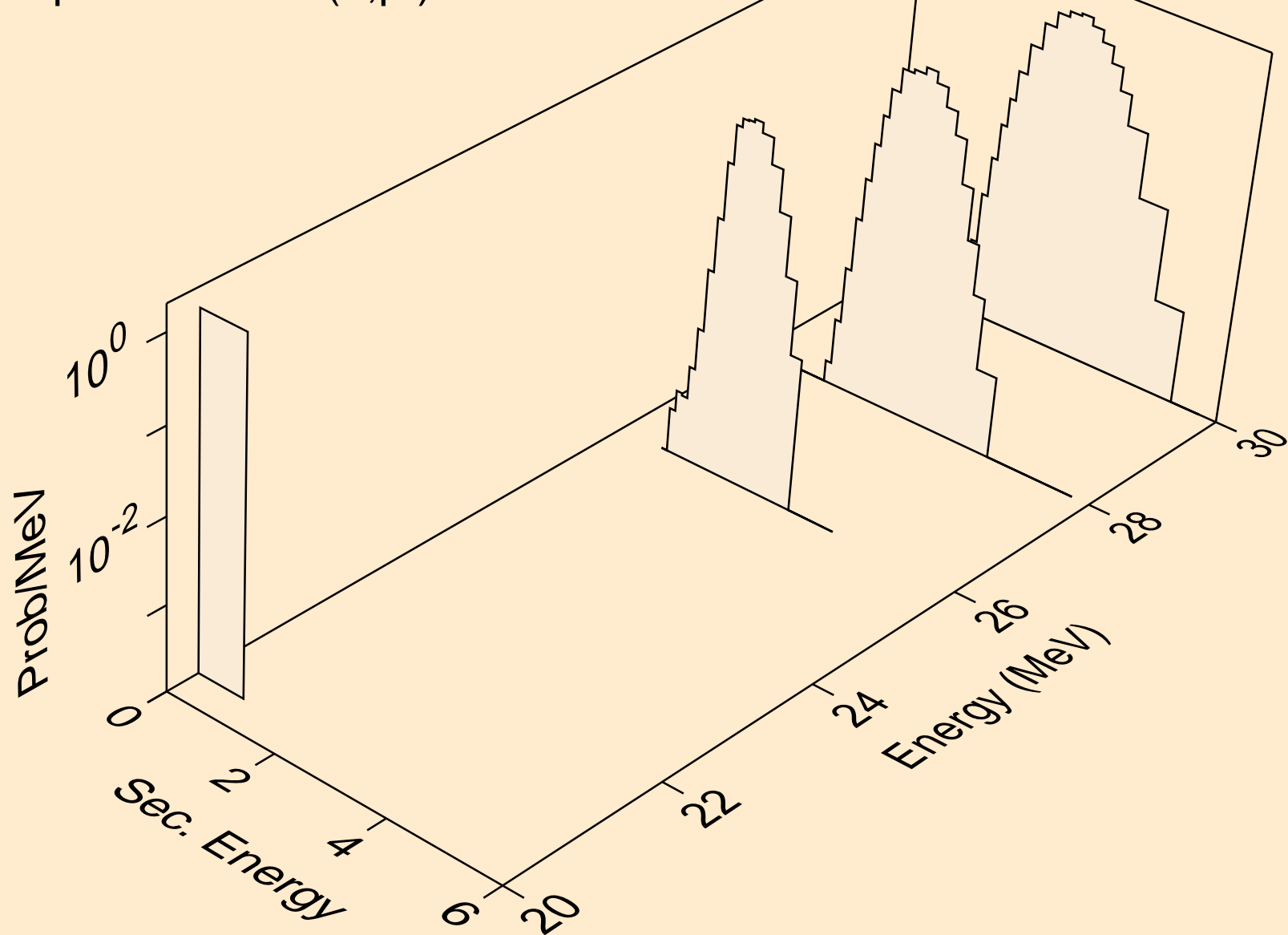




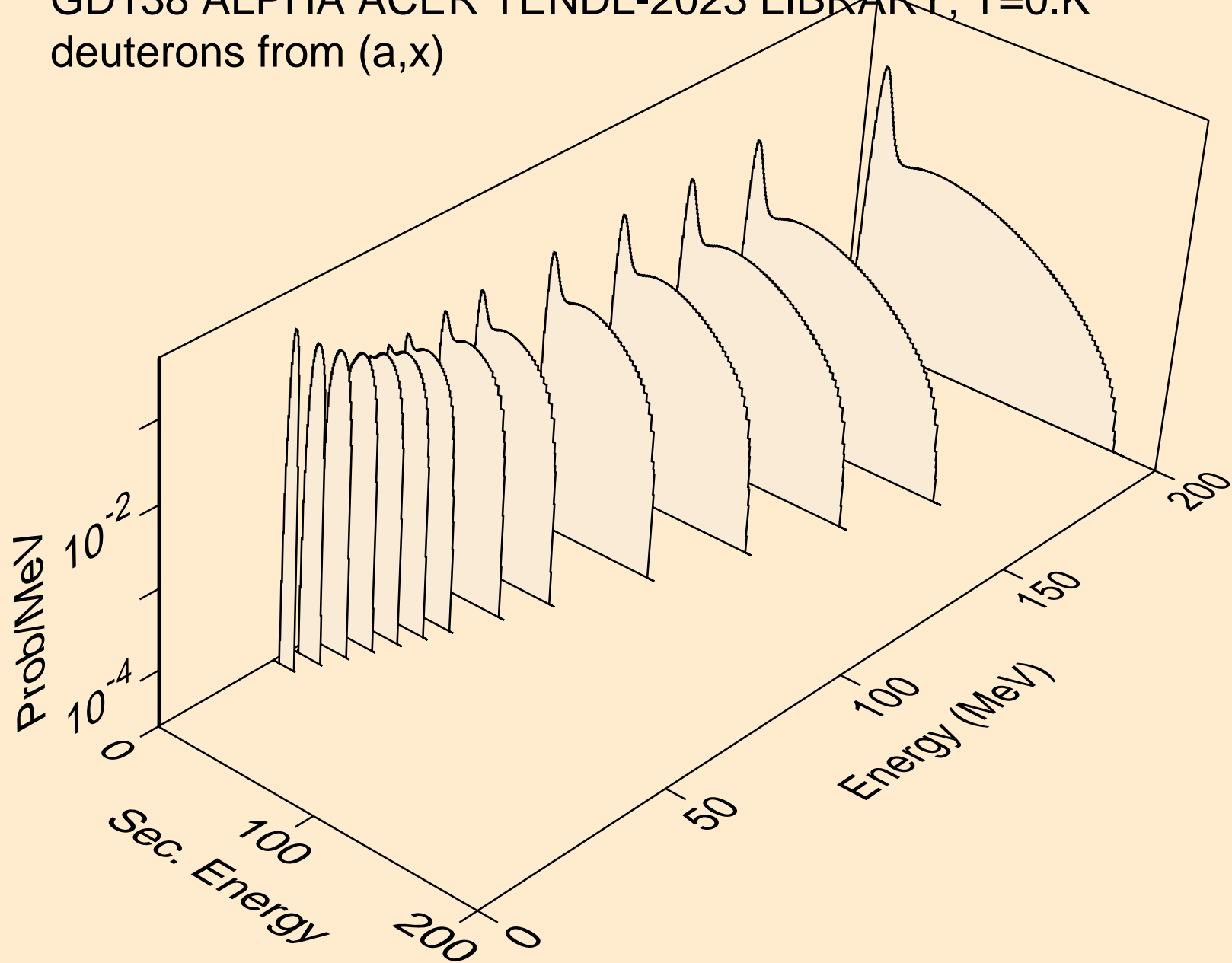
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



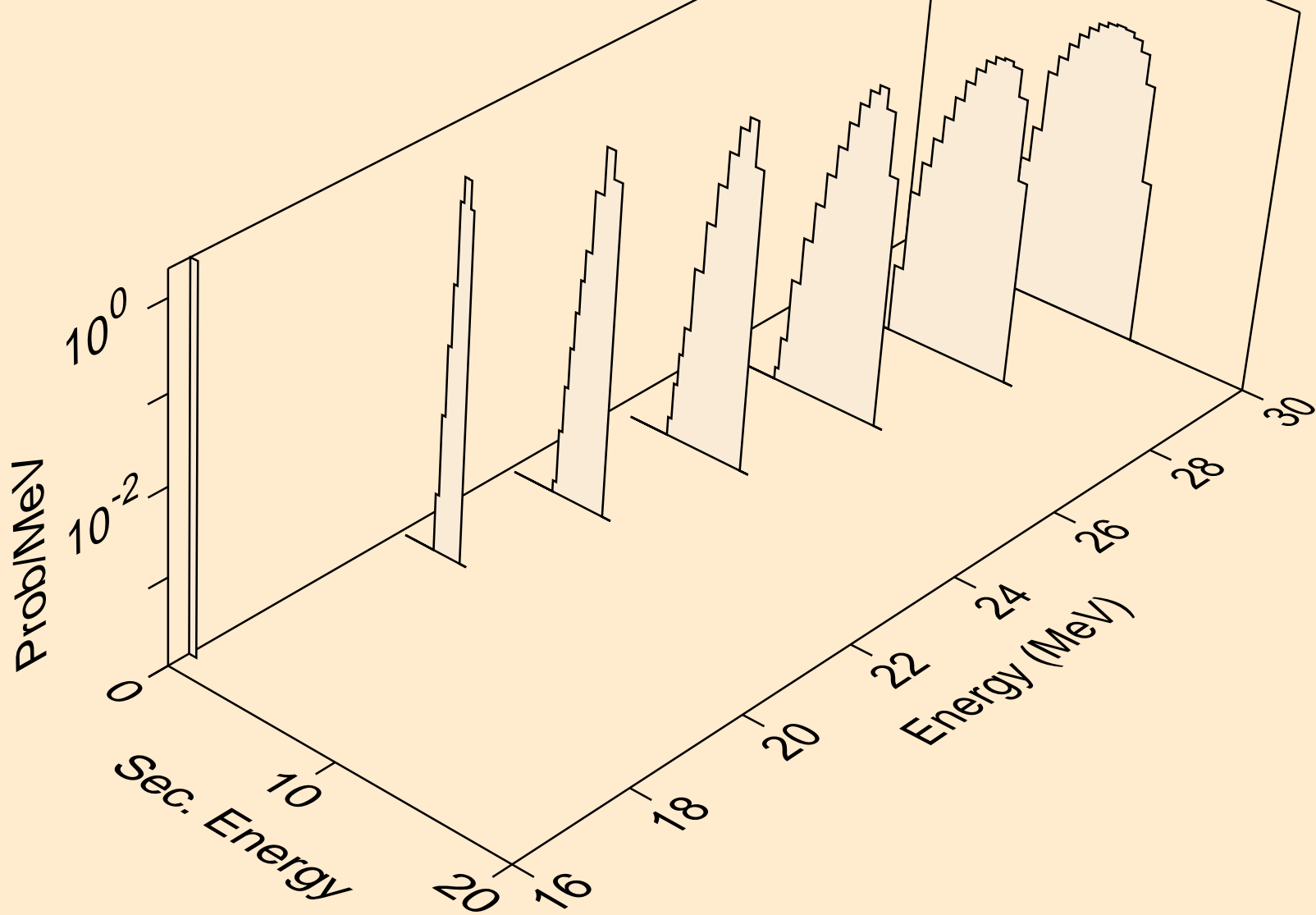
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



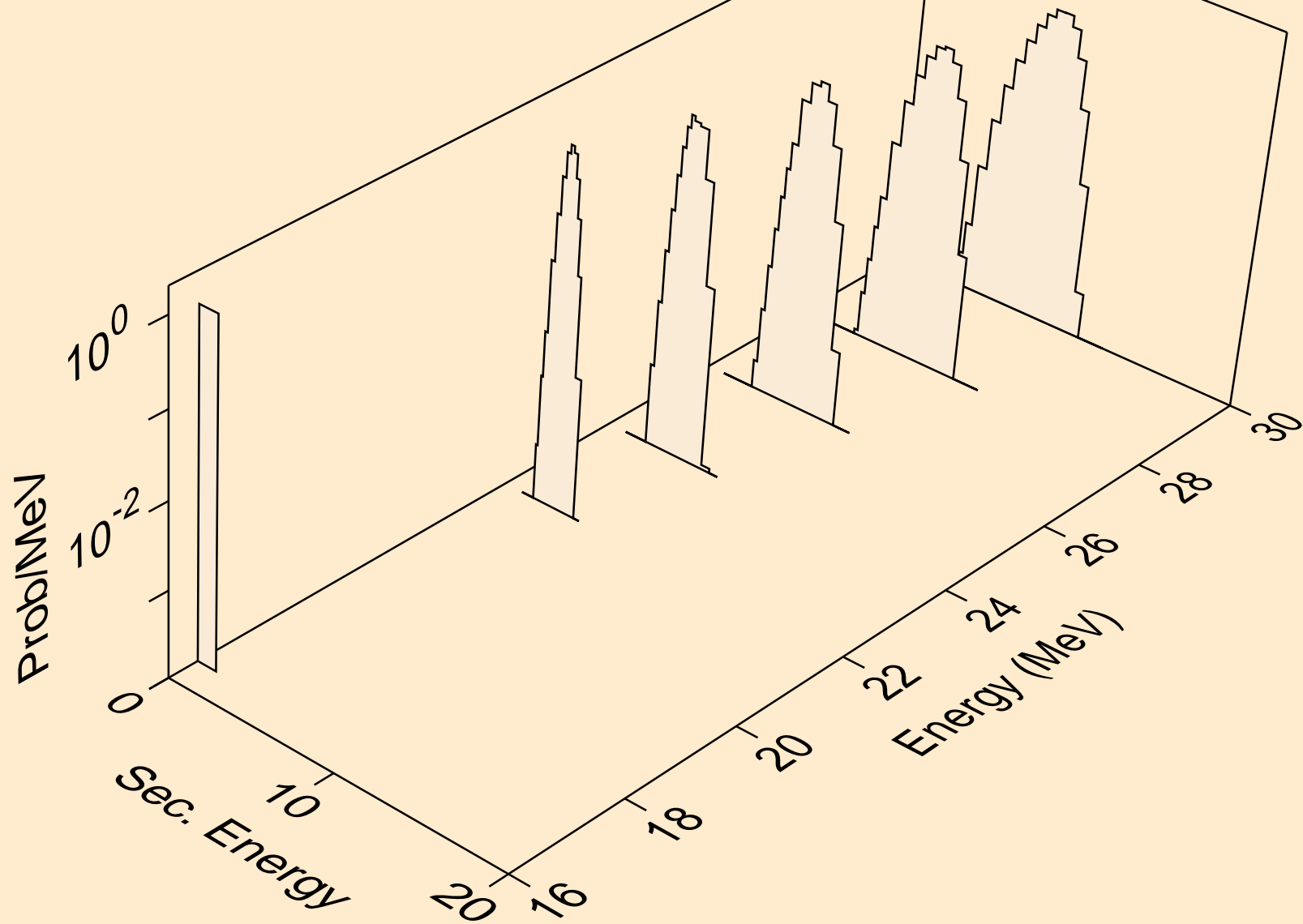
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



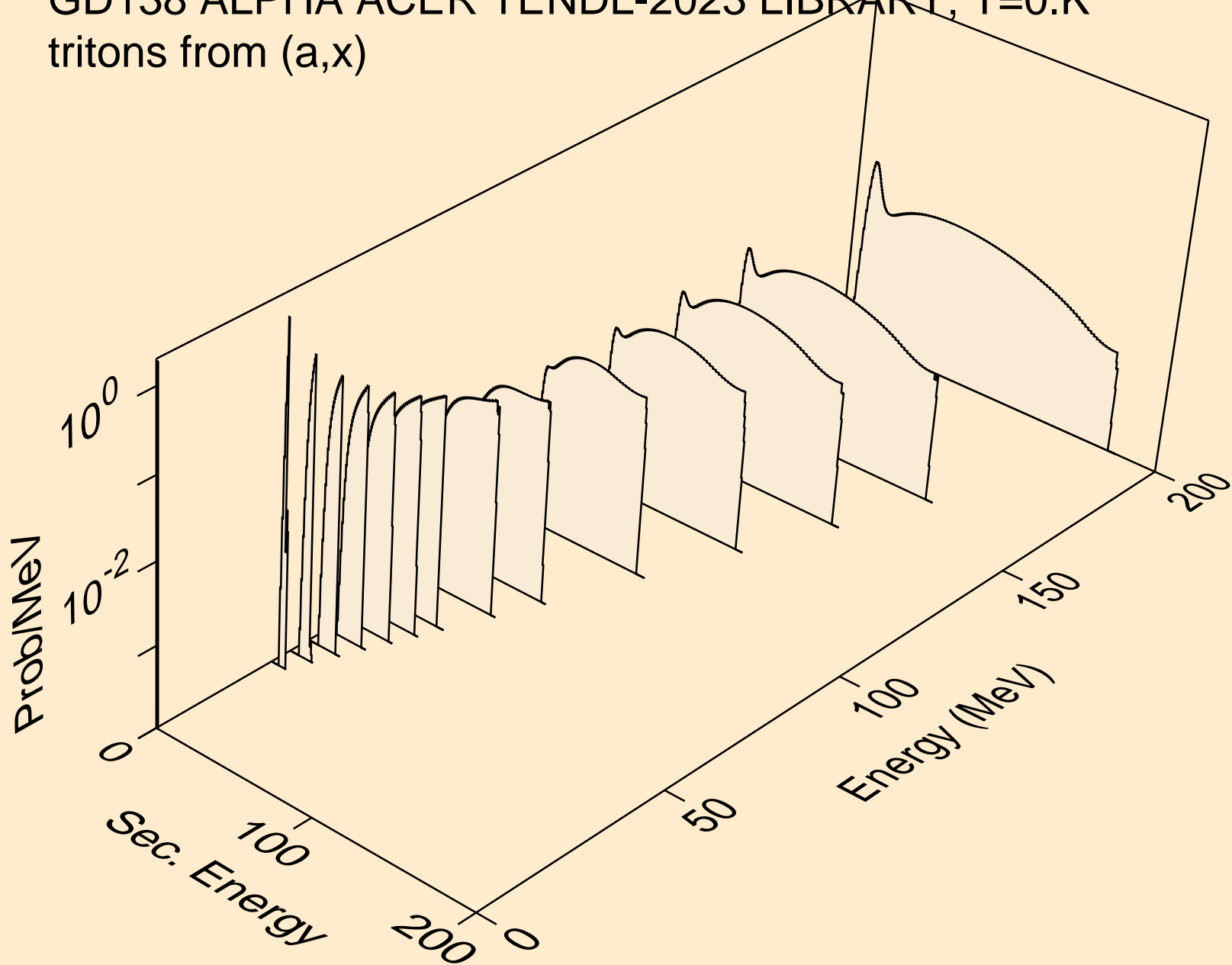
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



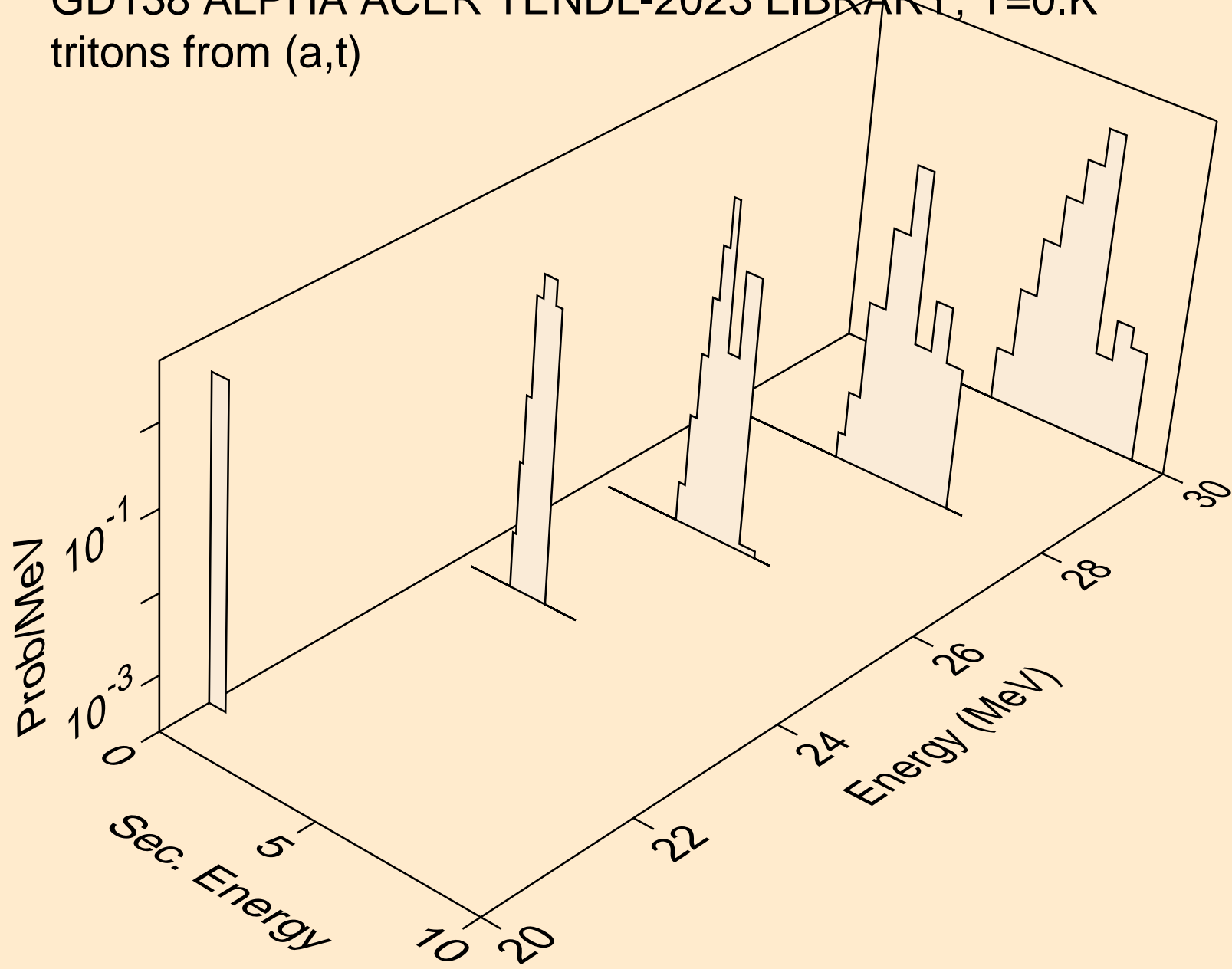
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



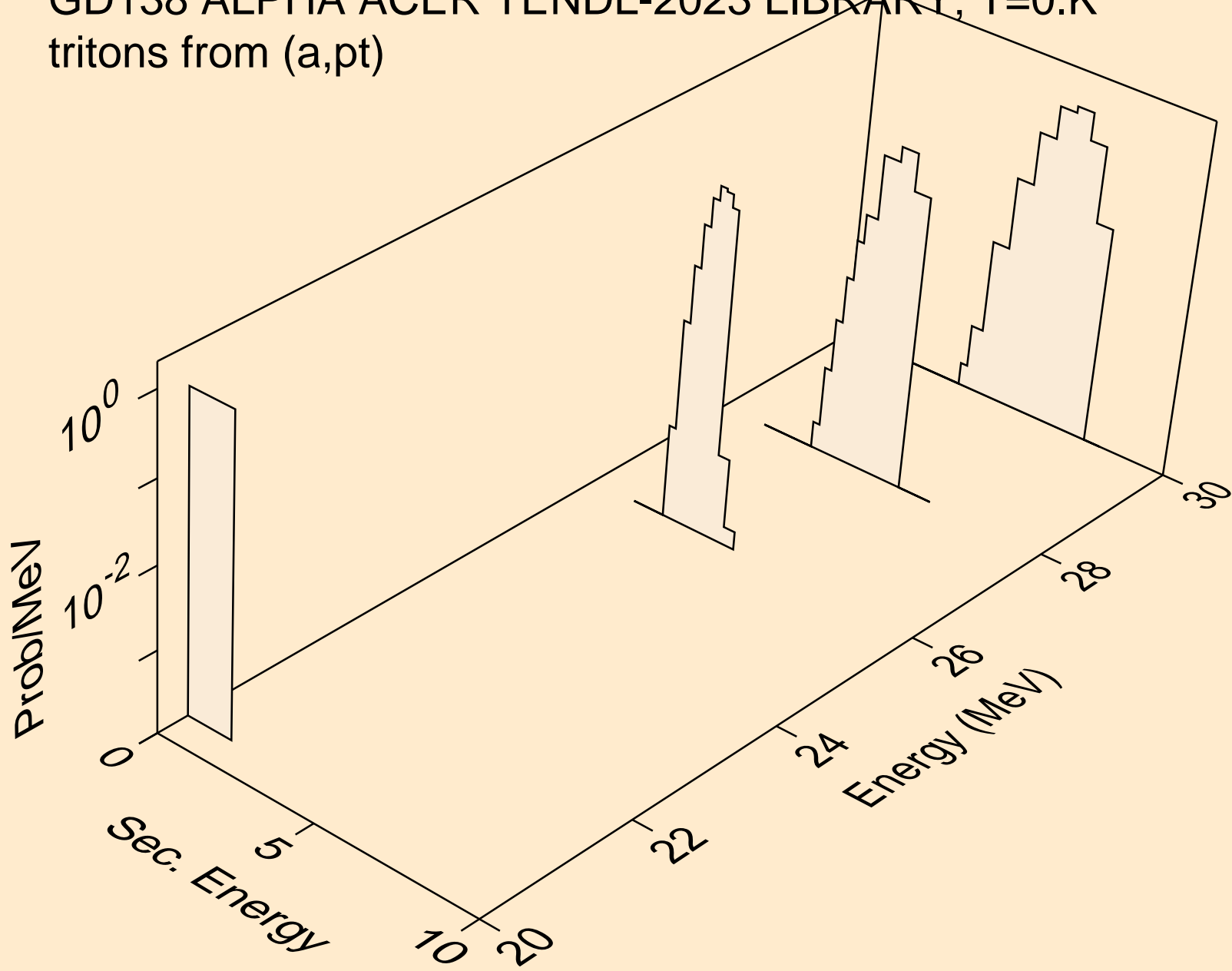
GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)

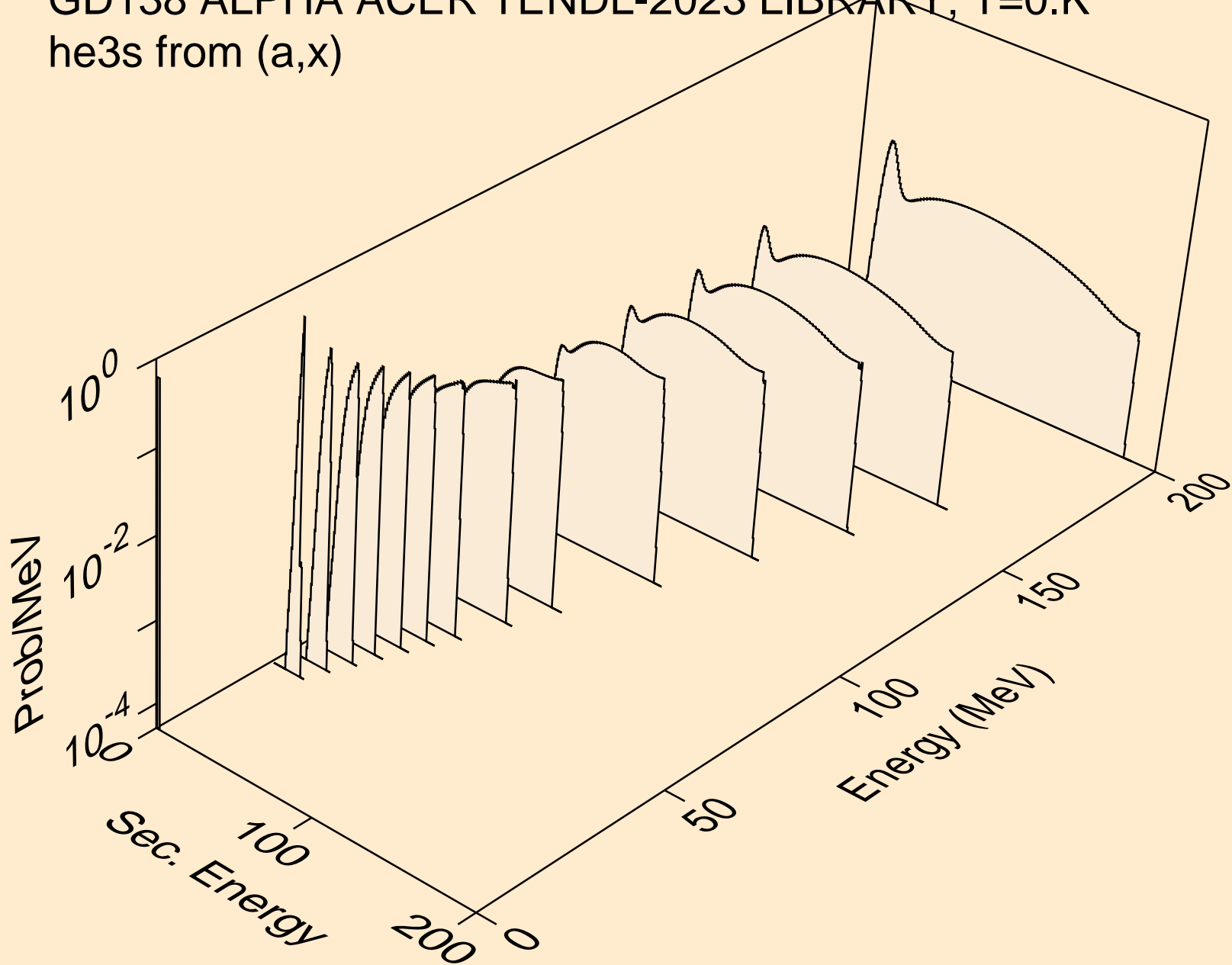


GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)





GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



GD138 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

