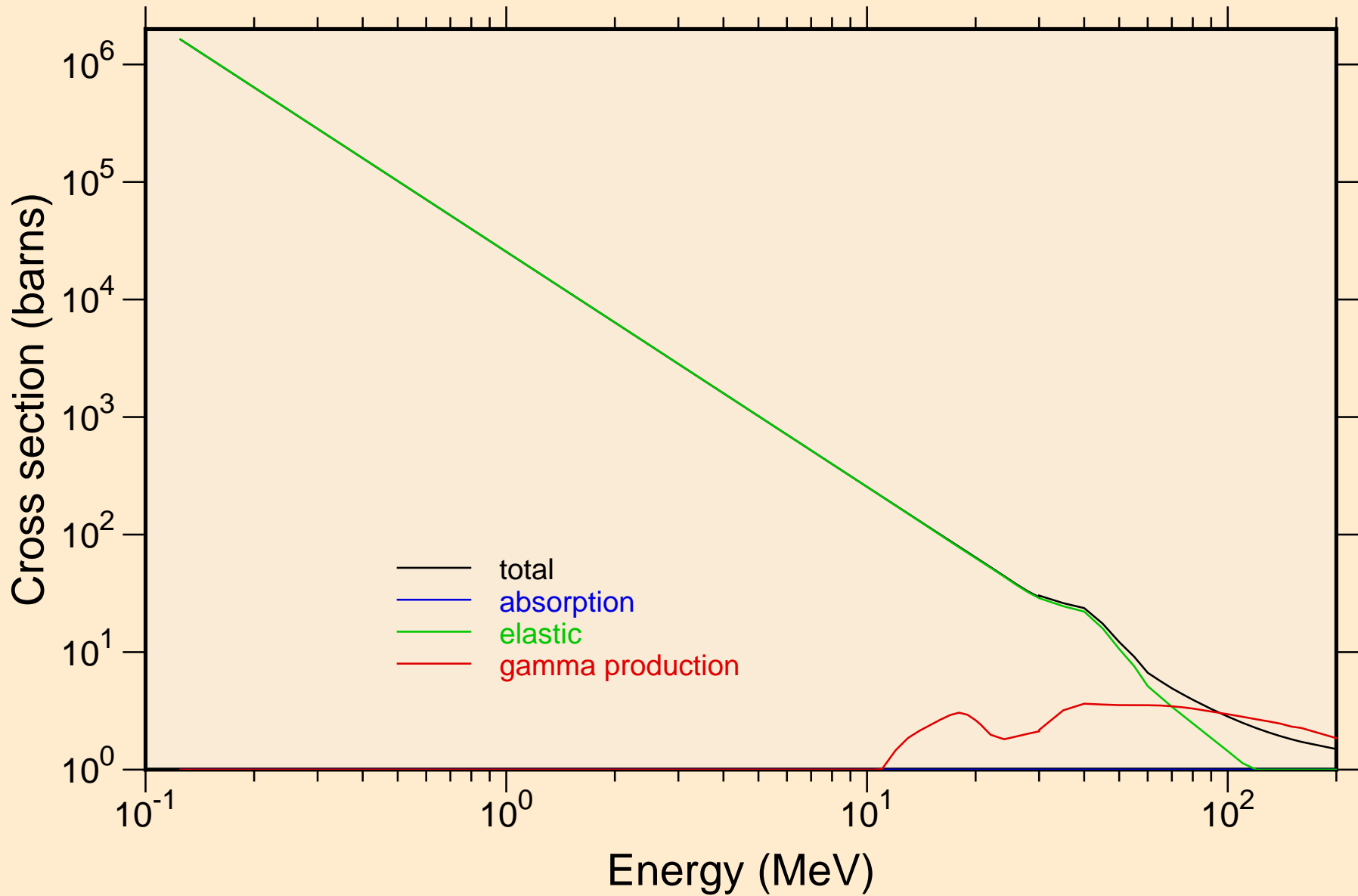
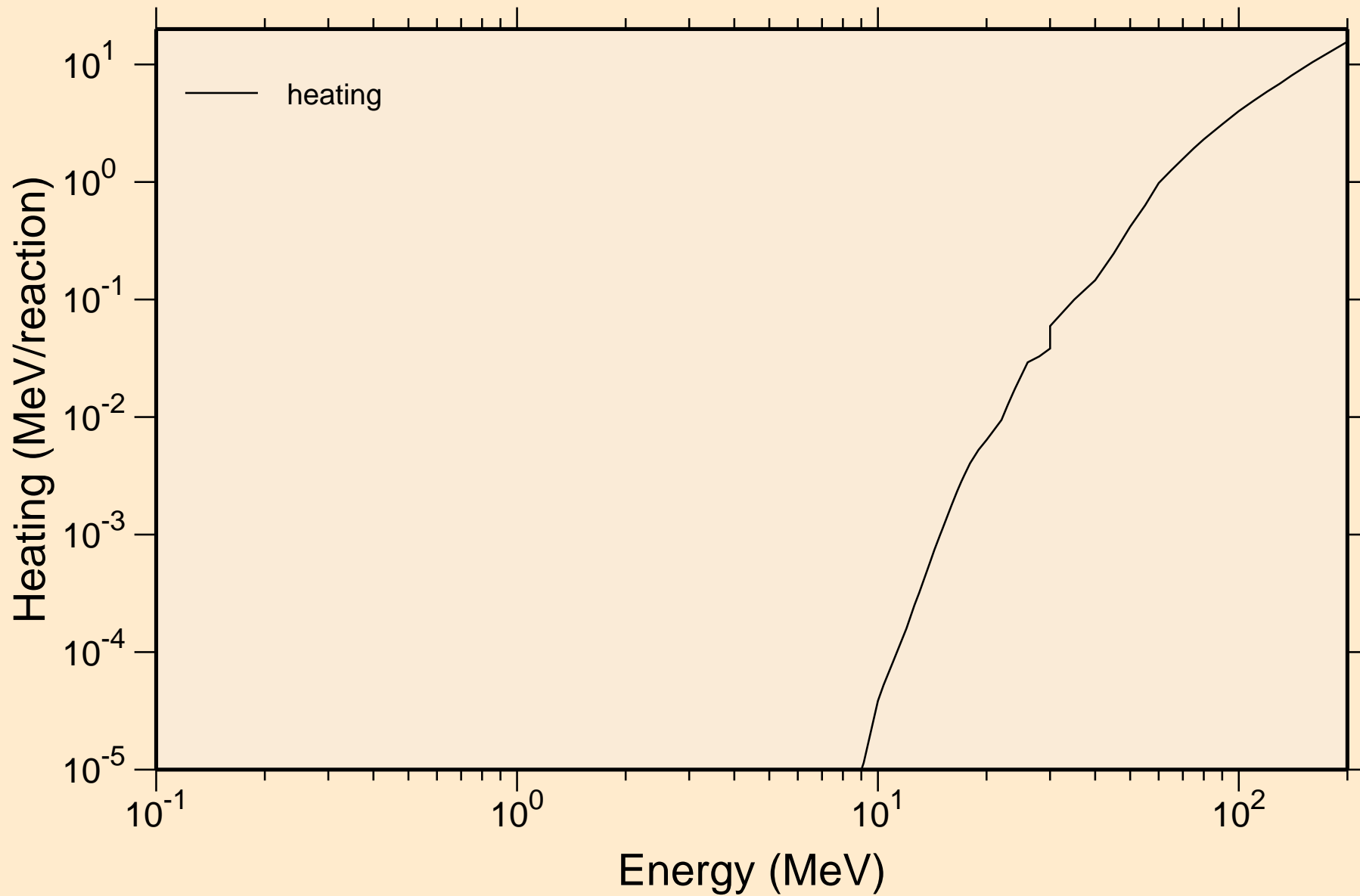


# GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

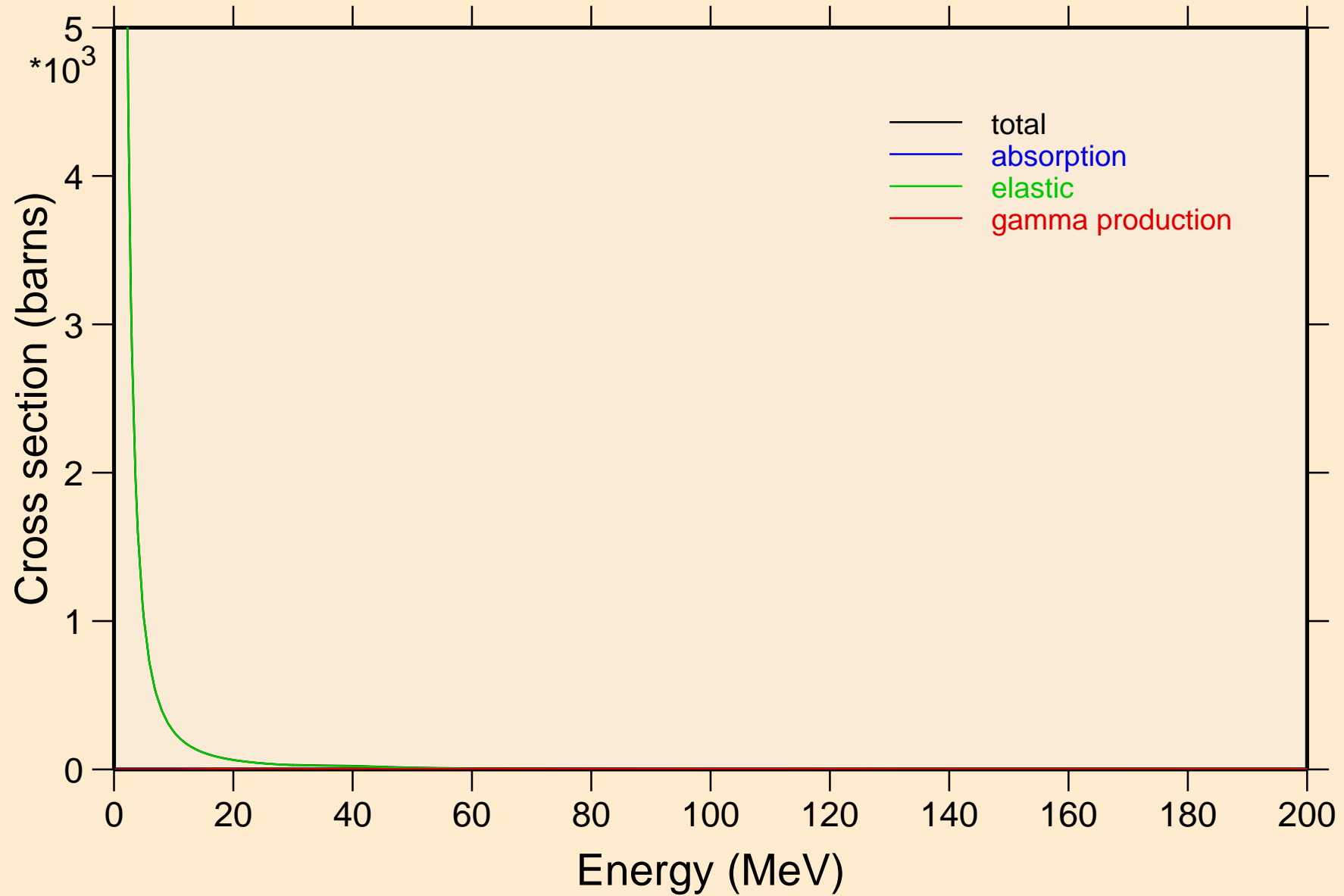


GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



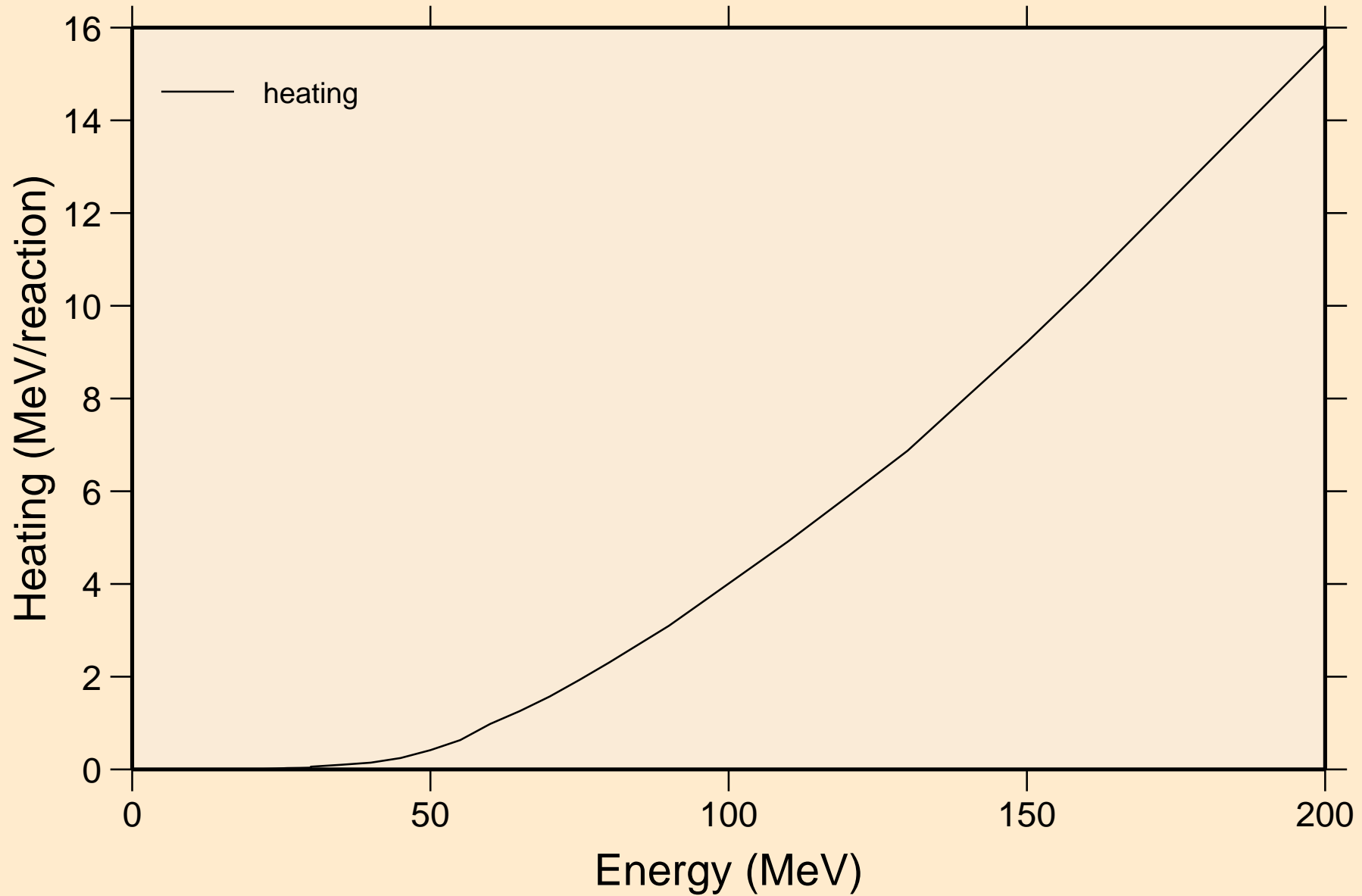
# GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



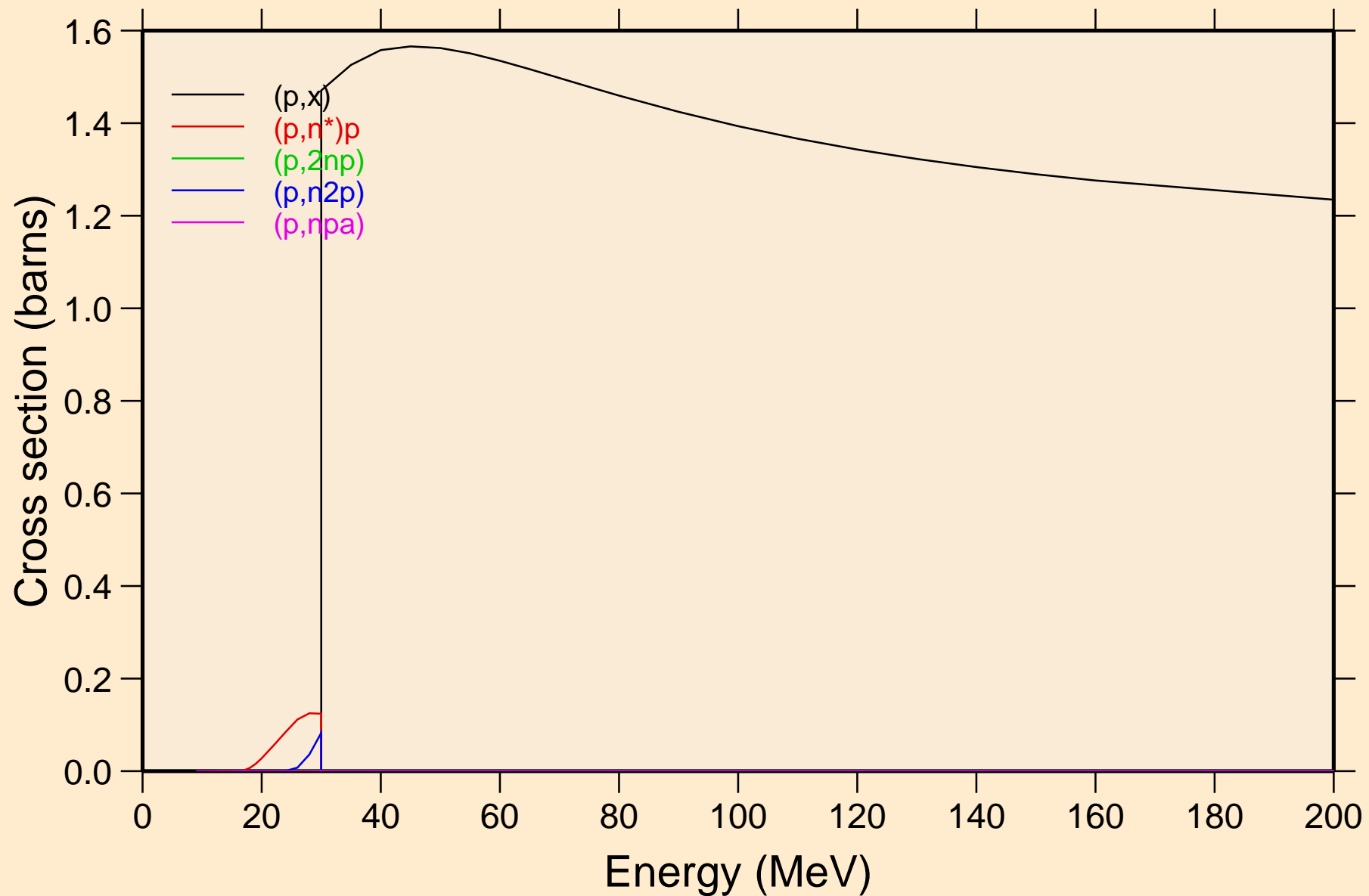
# GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



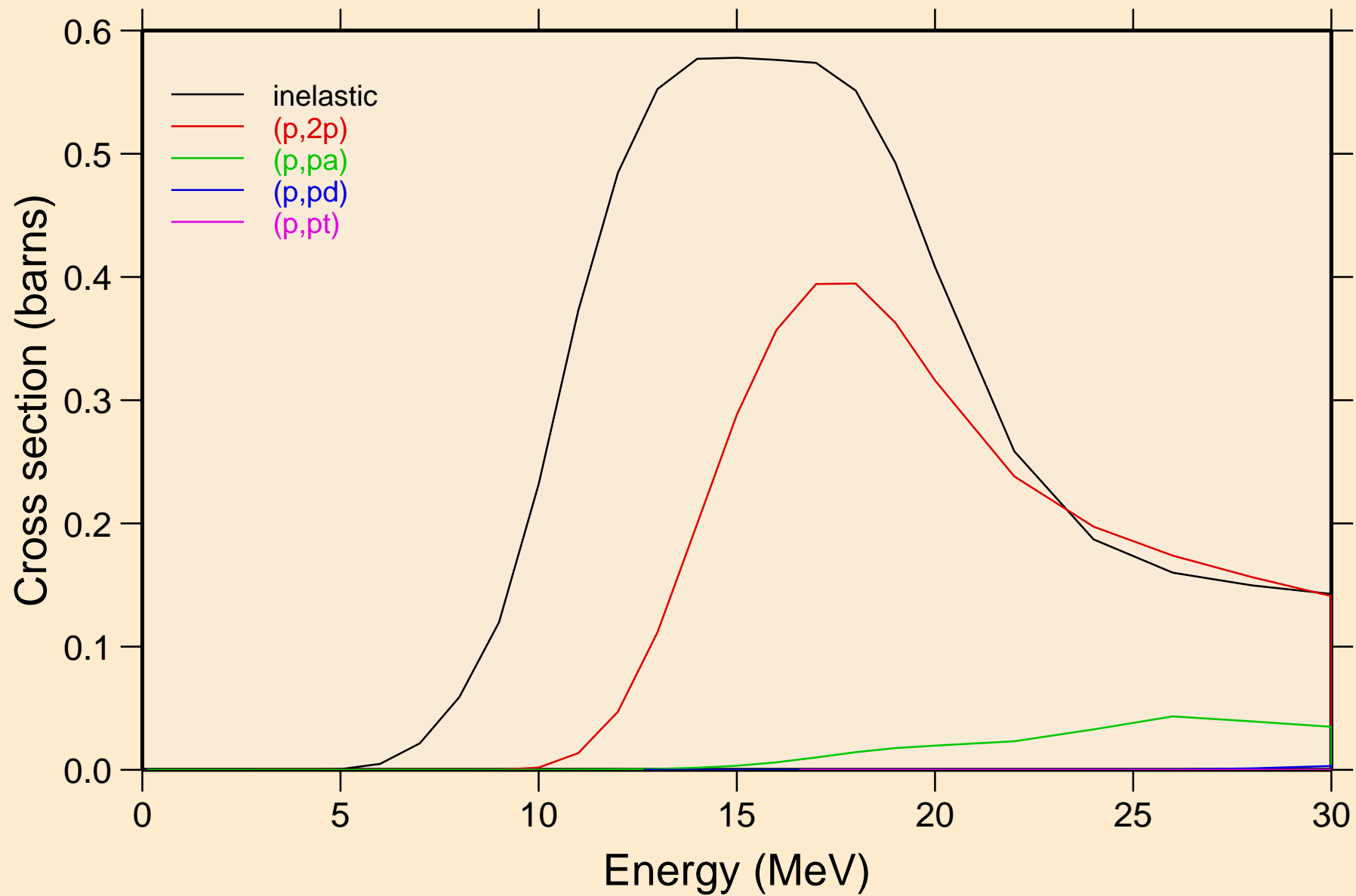
# GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

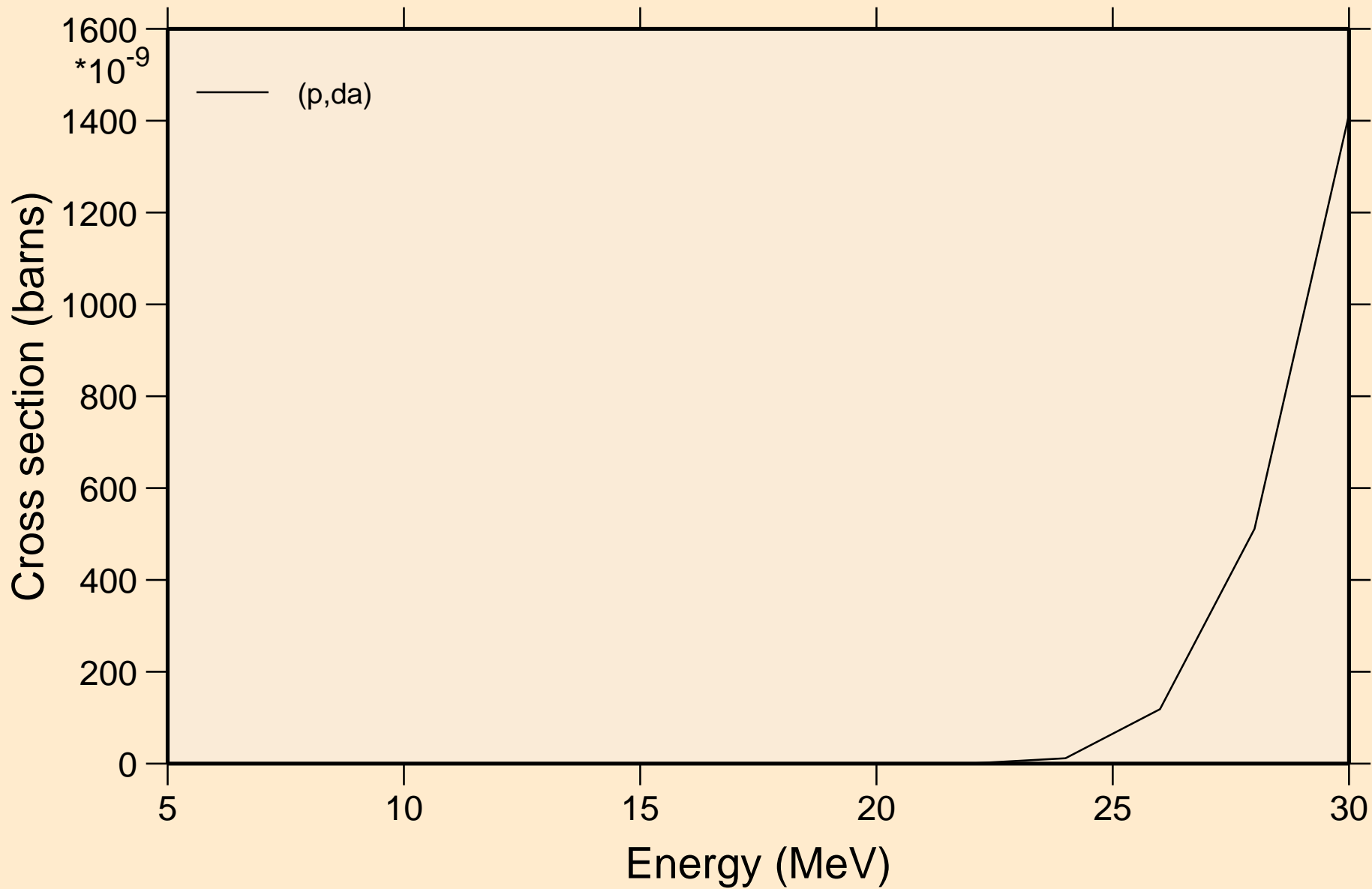


# GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

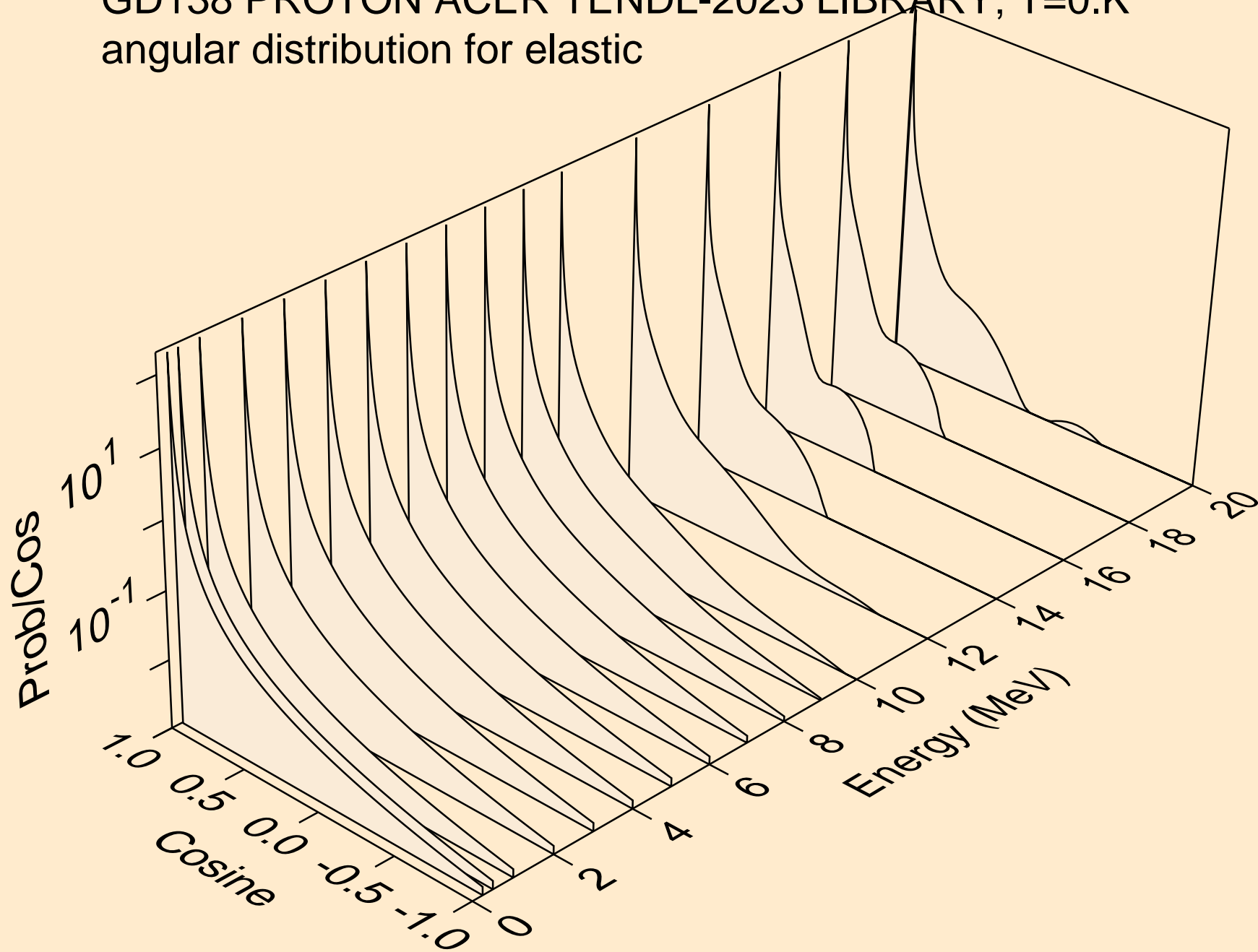
## Threshold reactions



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

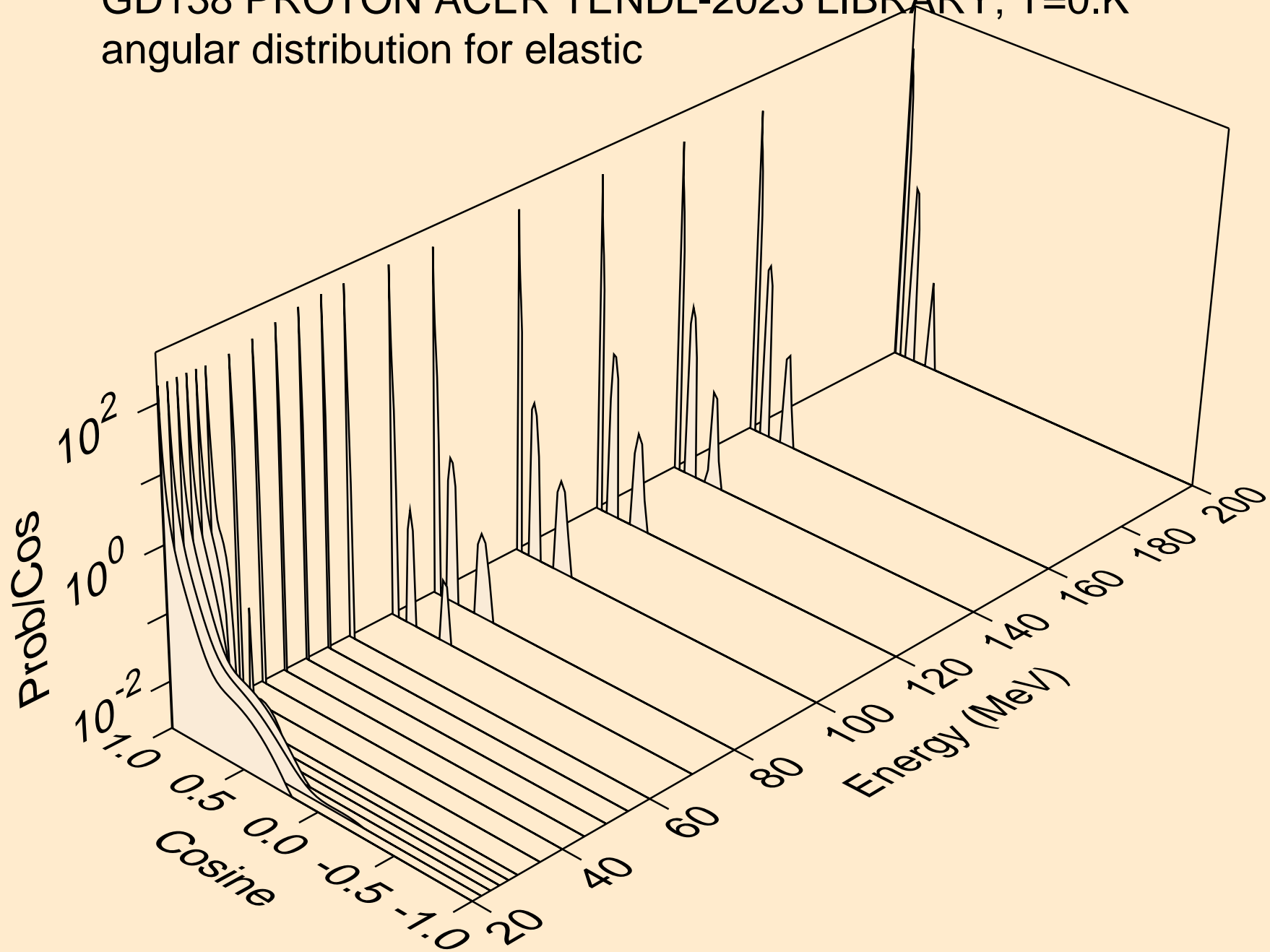


GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

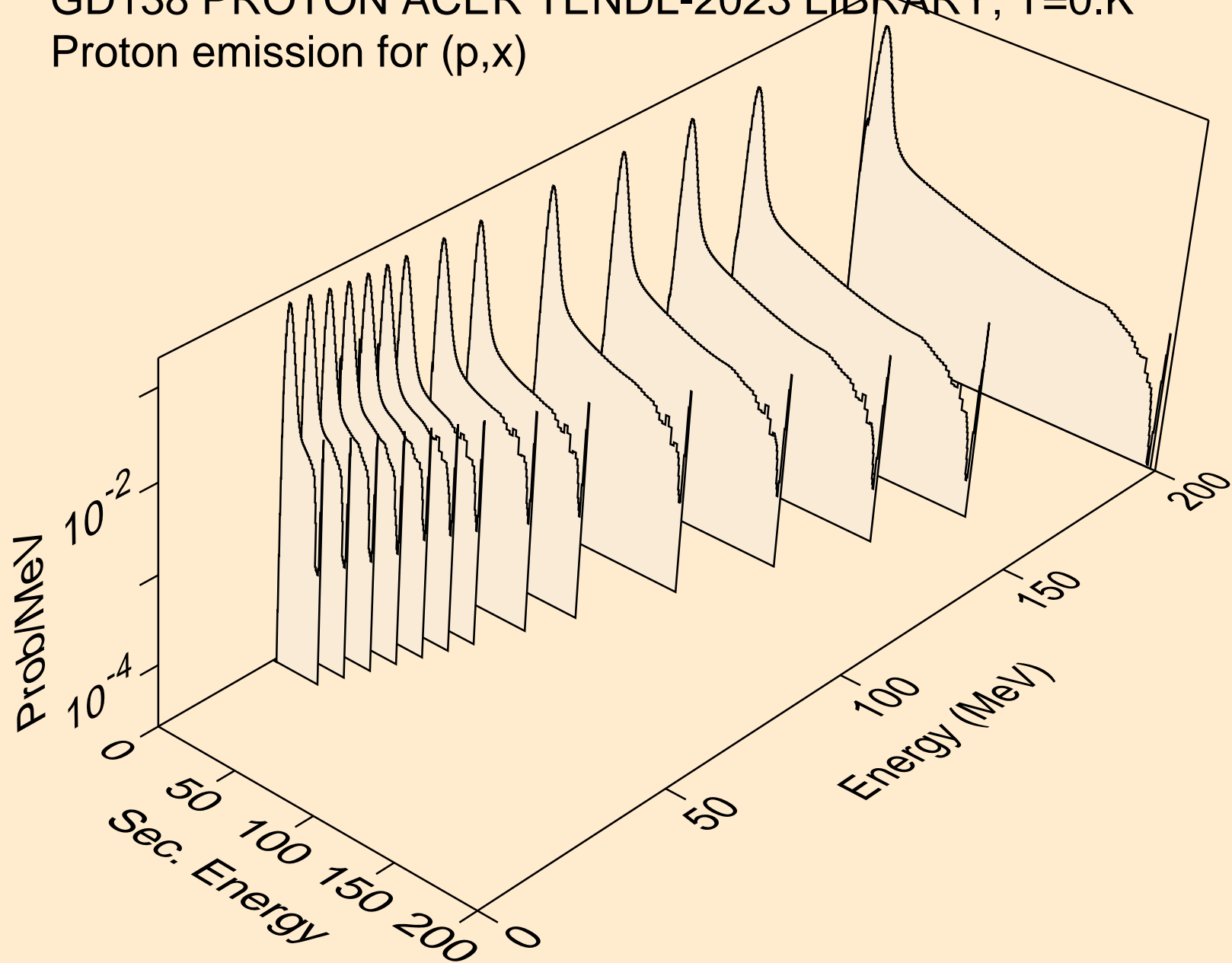




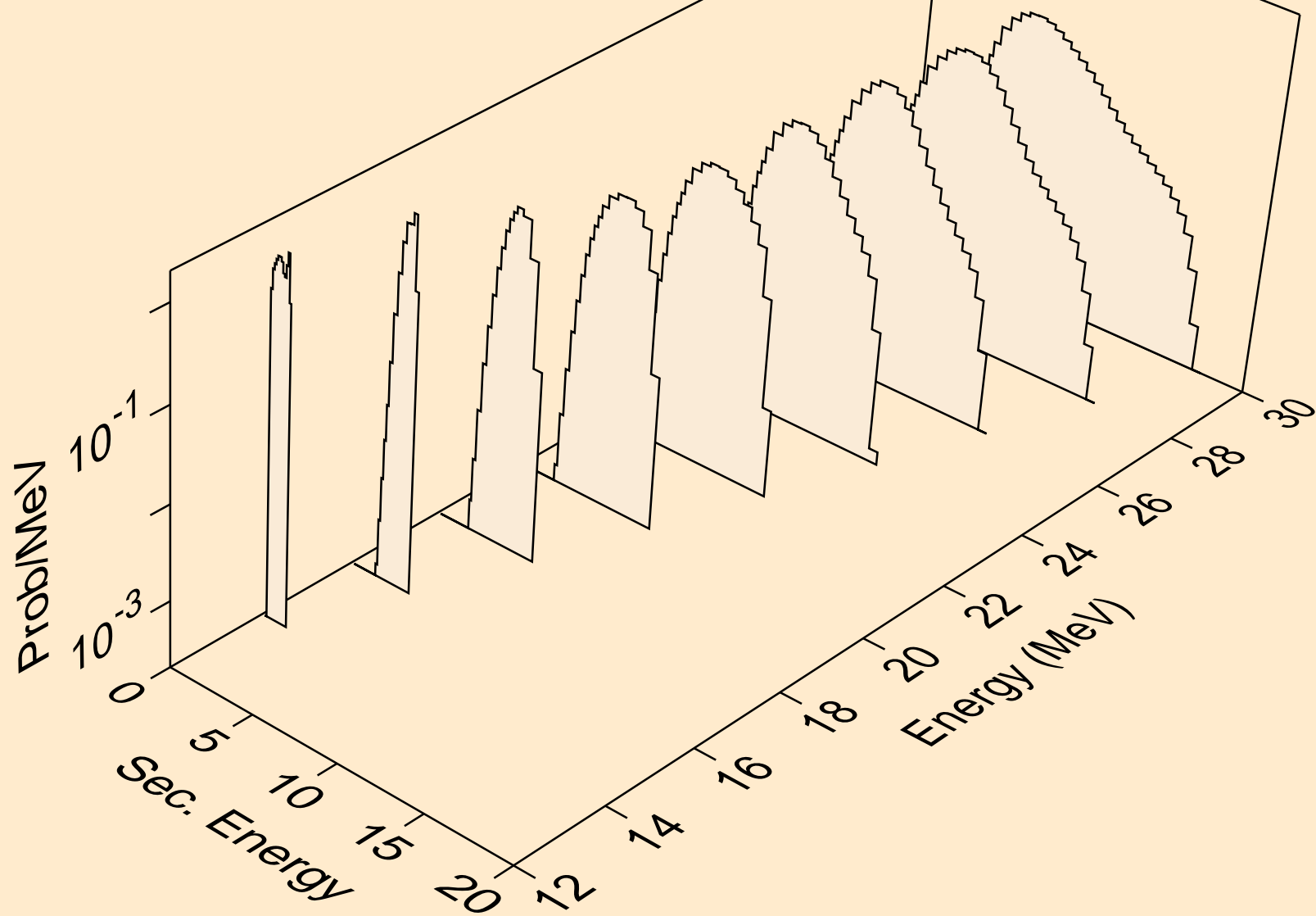
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



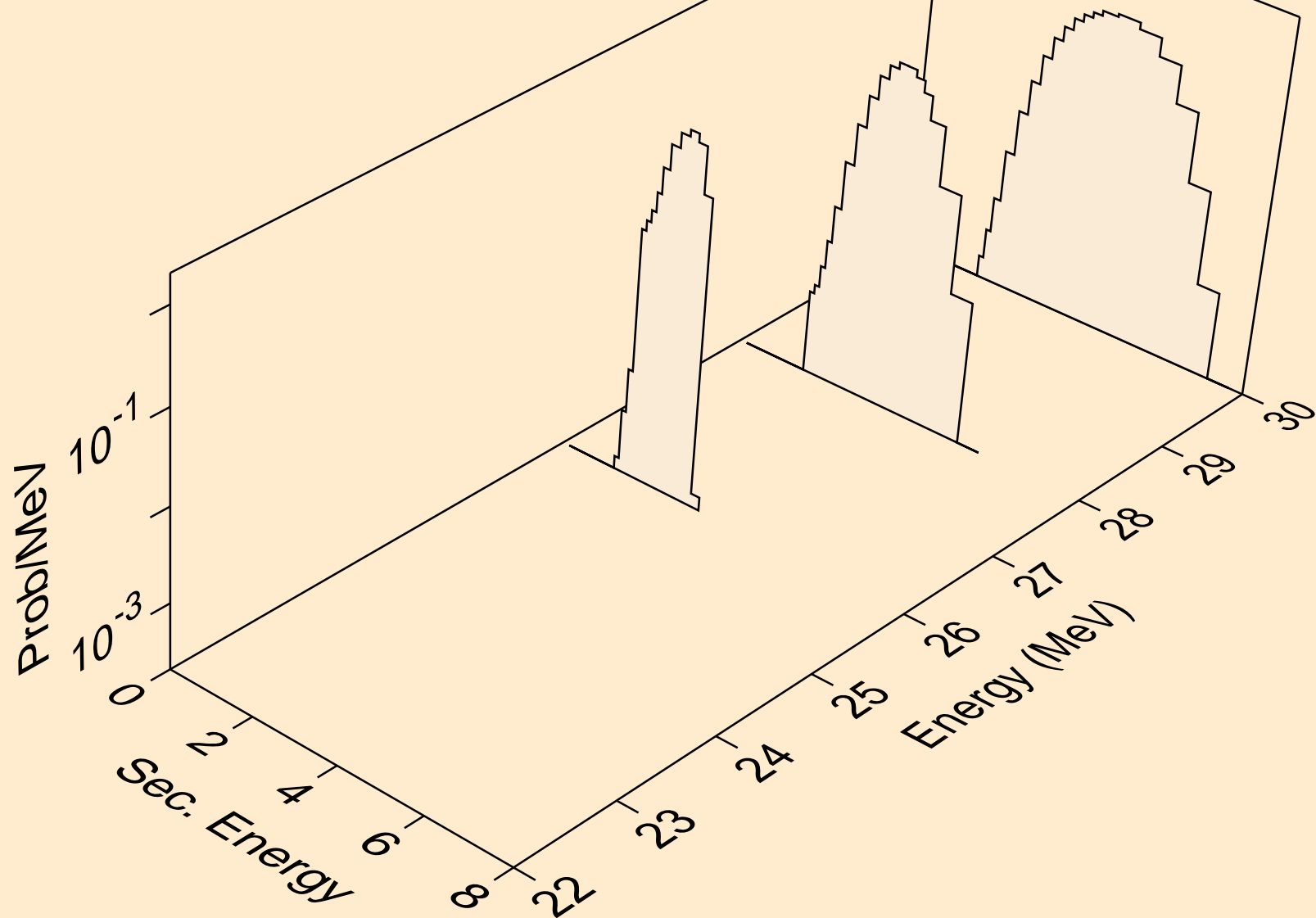
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



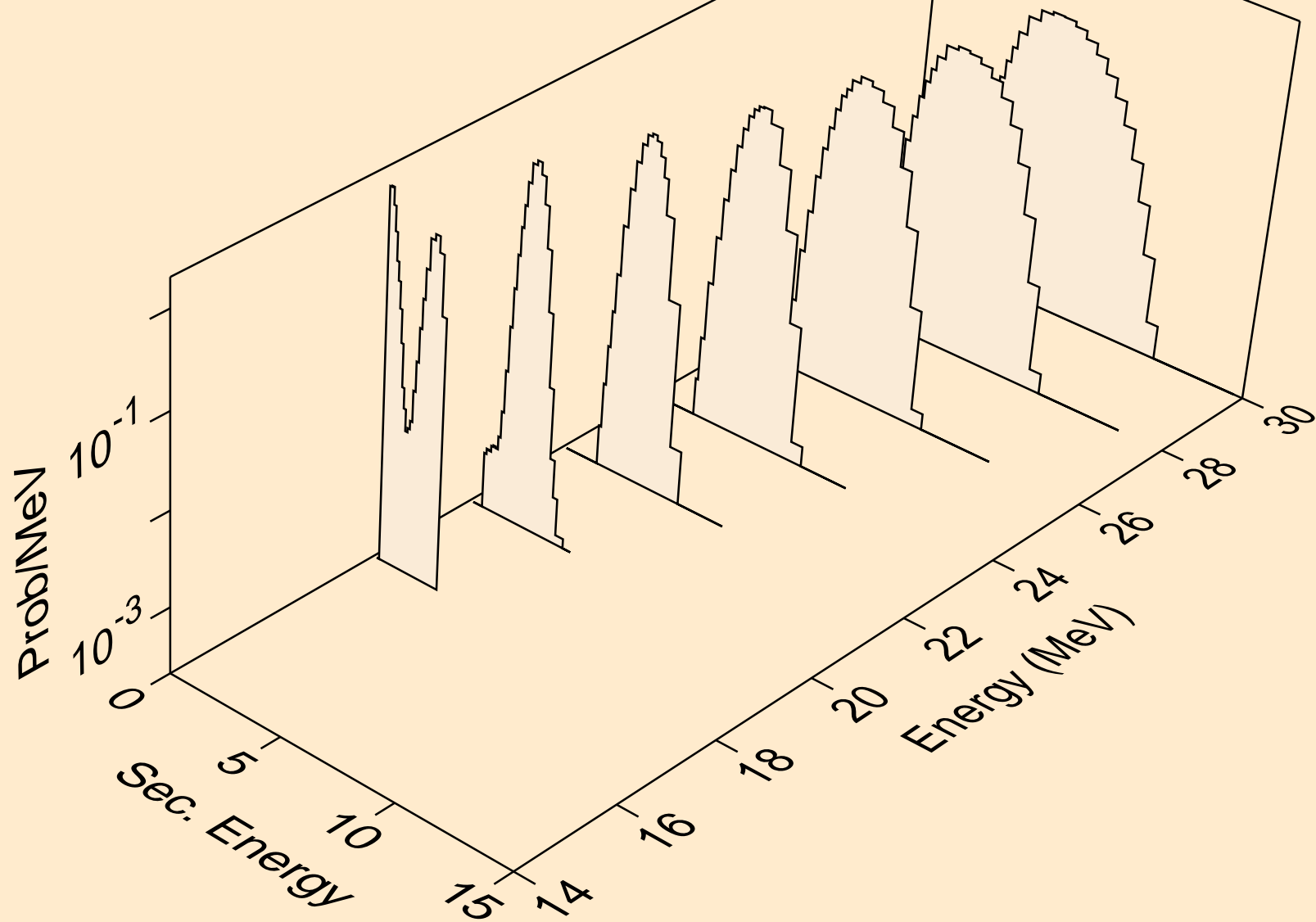
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



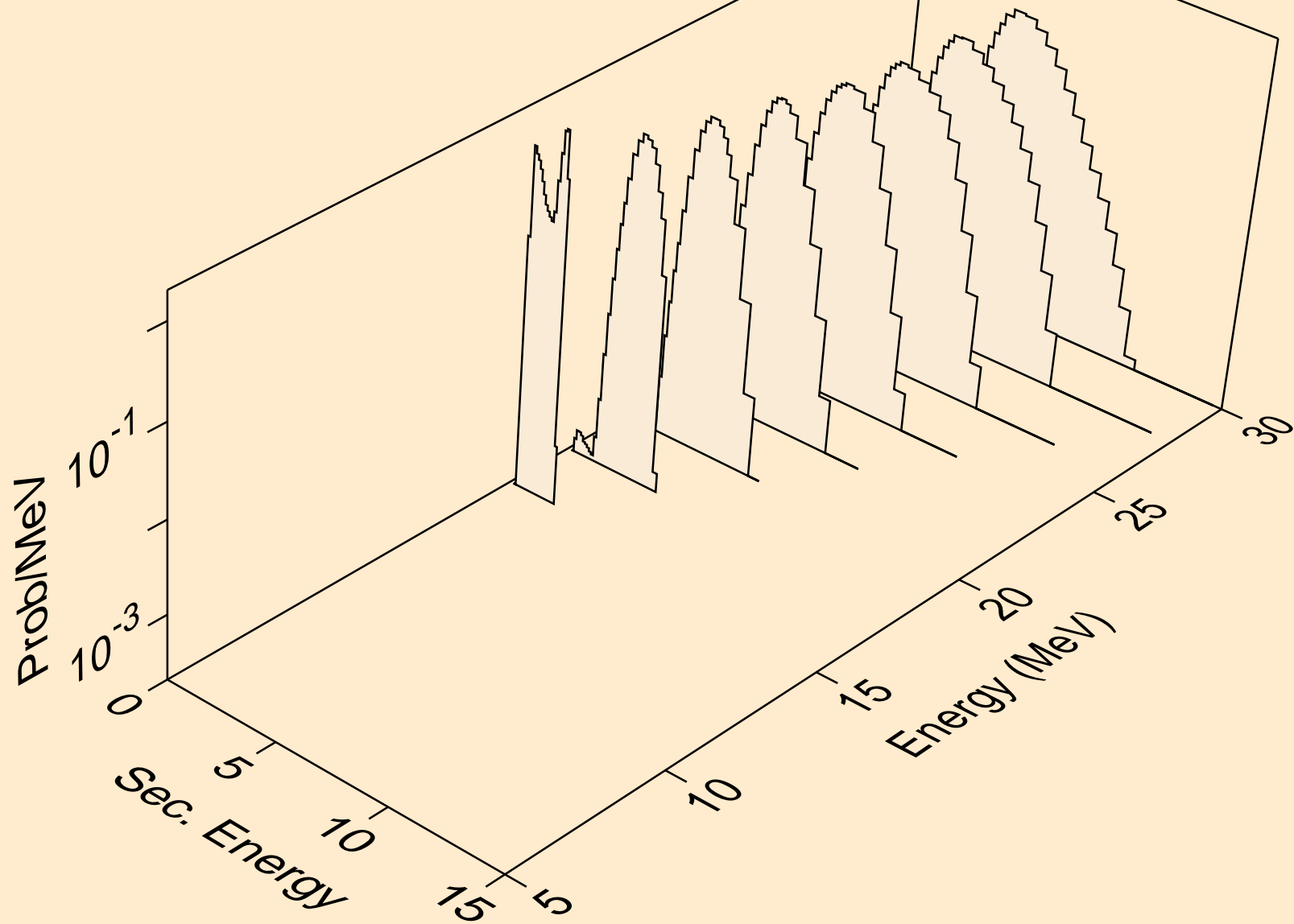
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



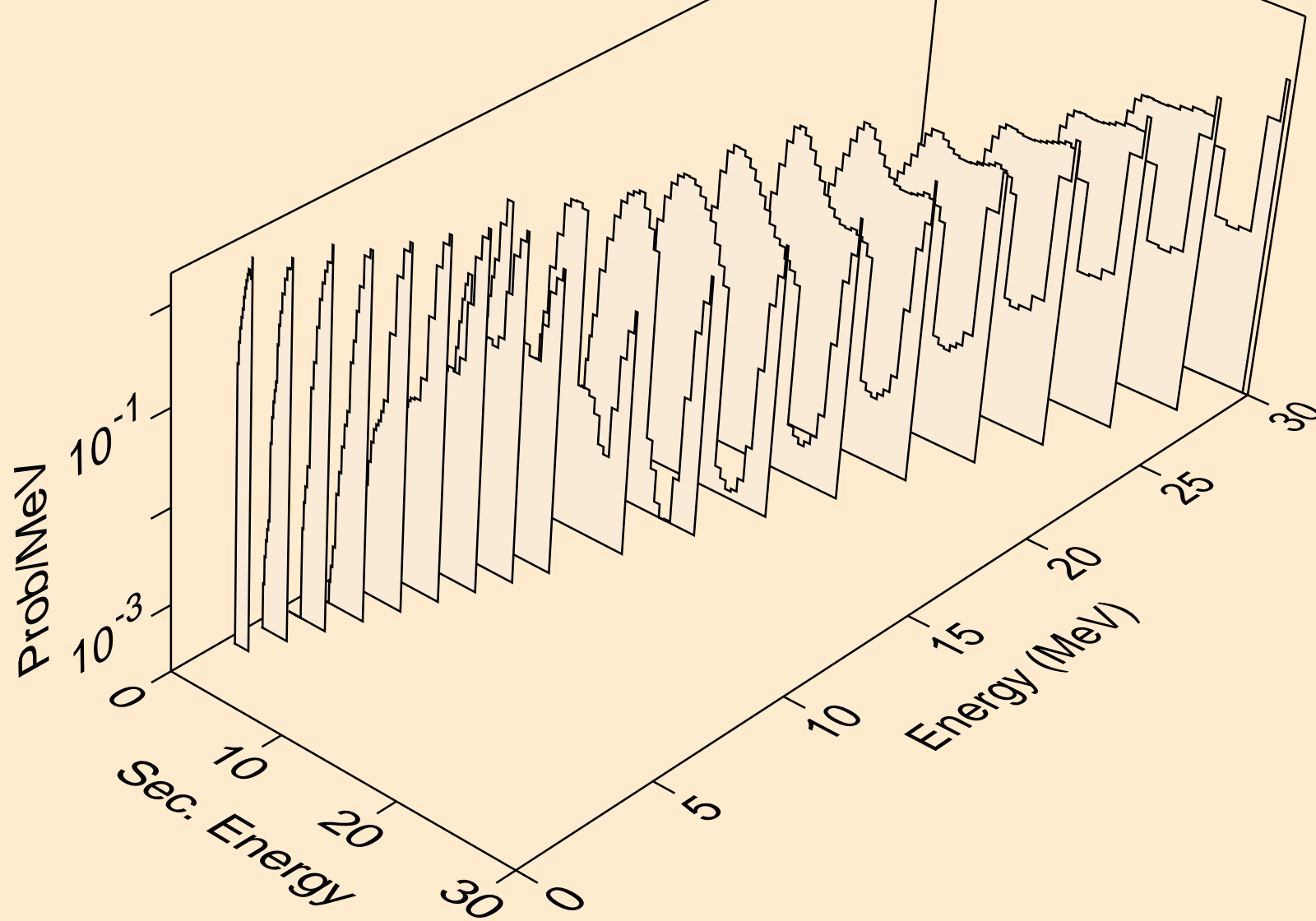
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



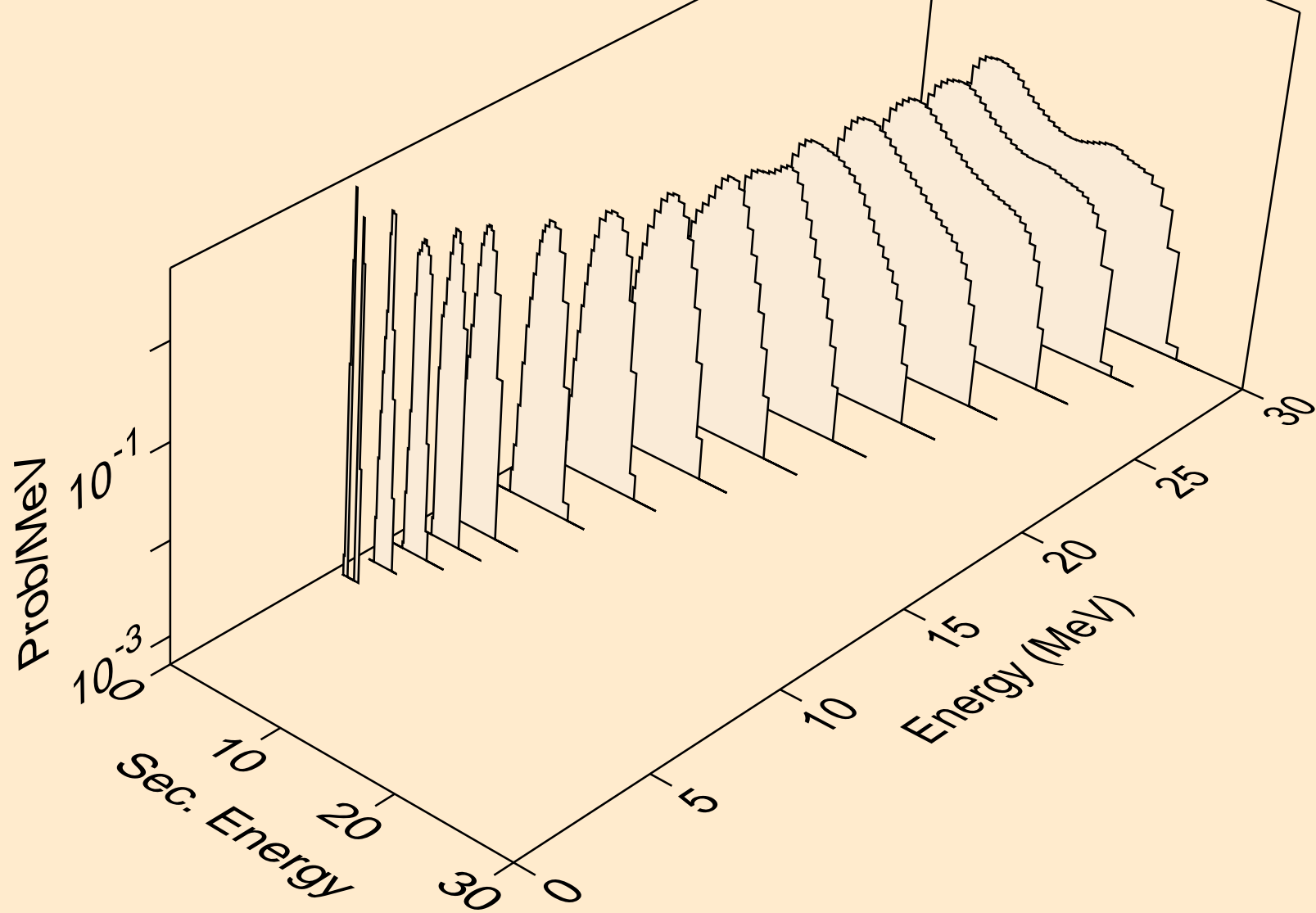
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

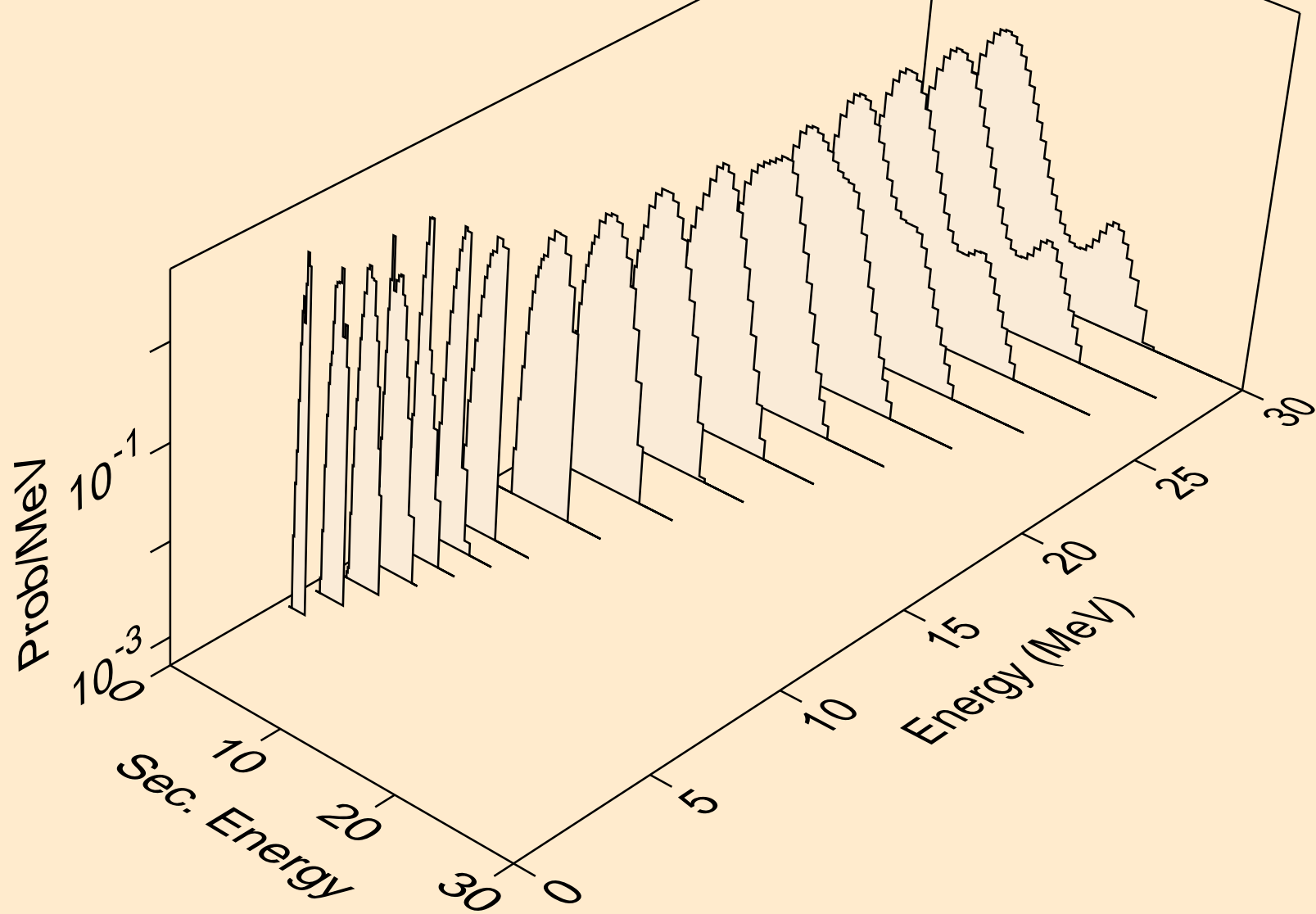


GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

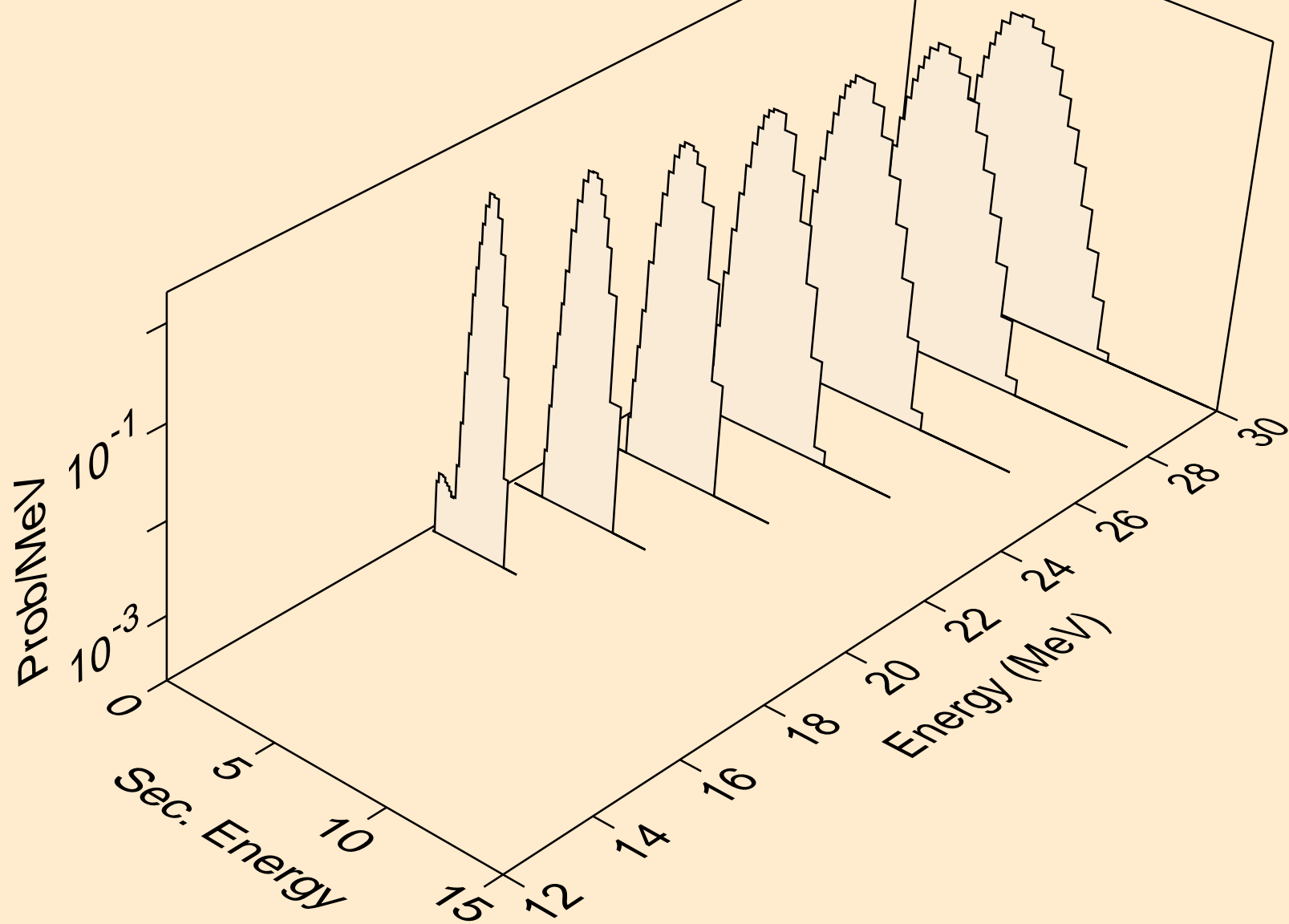




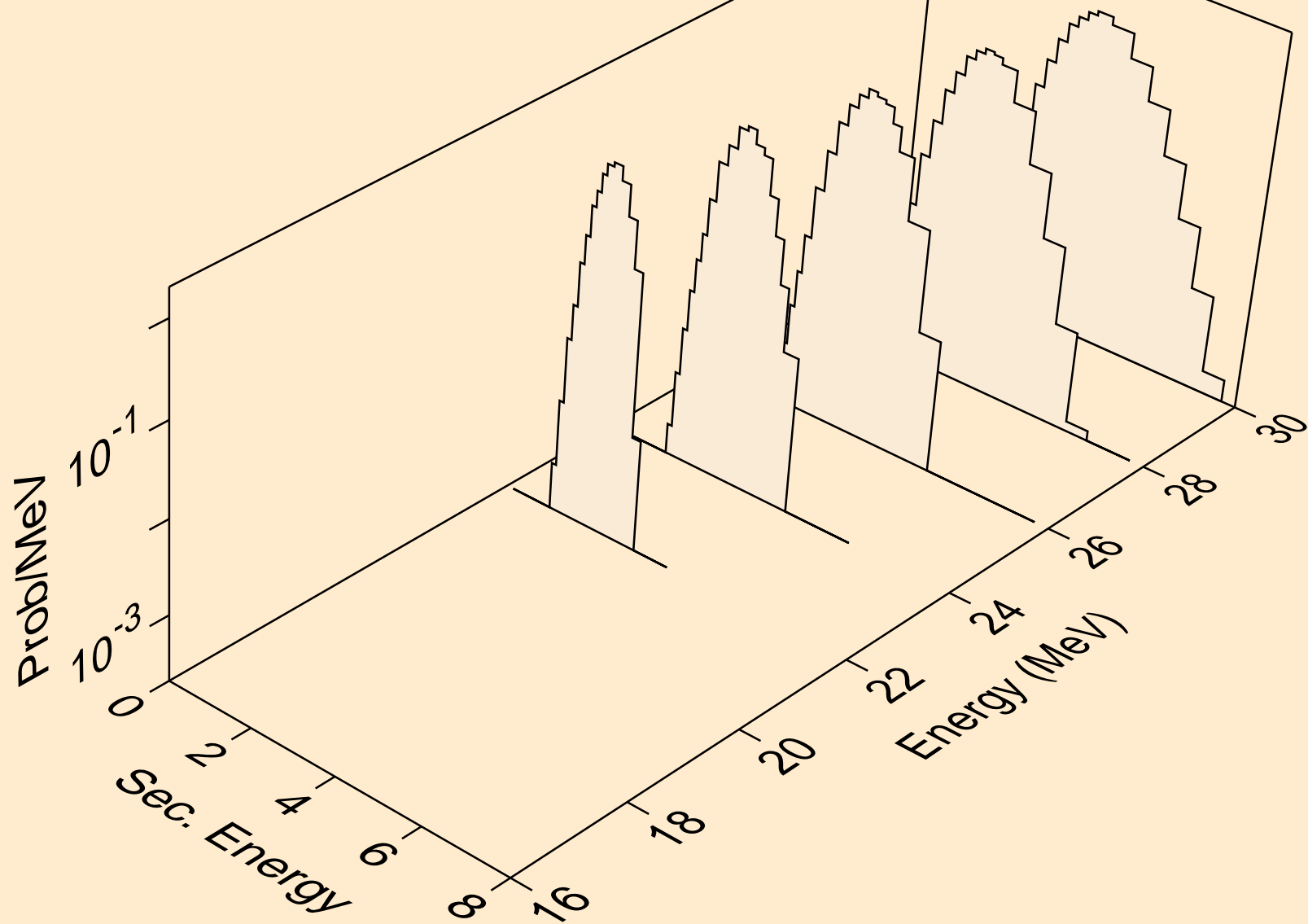
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Proton emission for (p,pa)



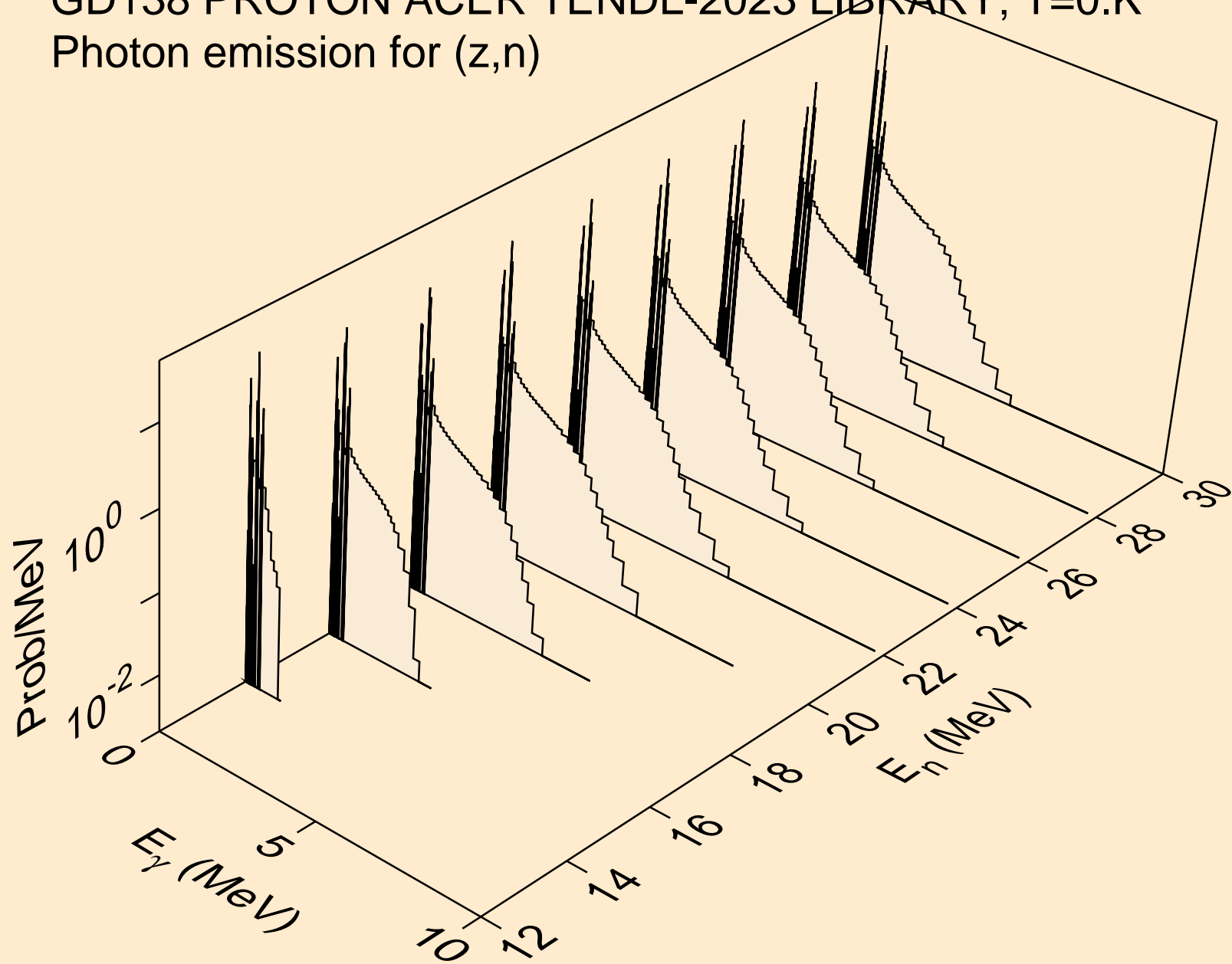
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



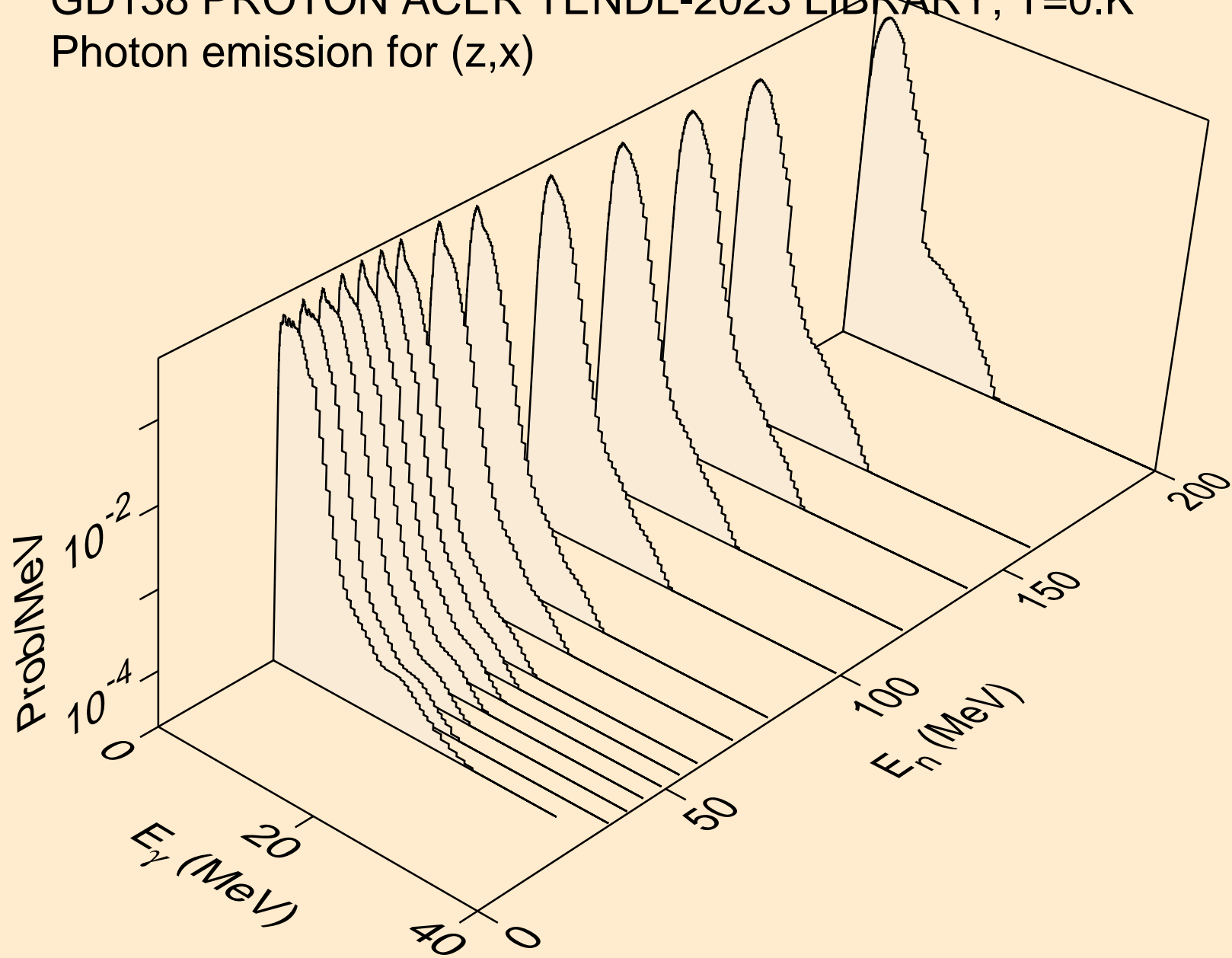
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



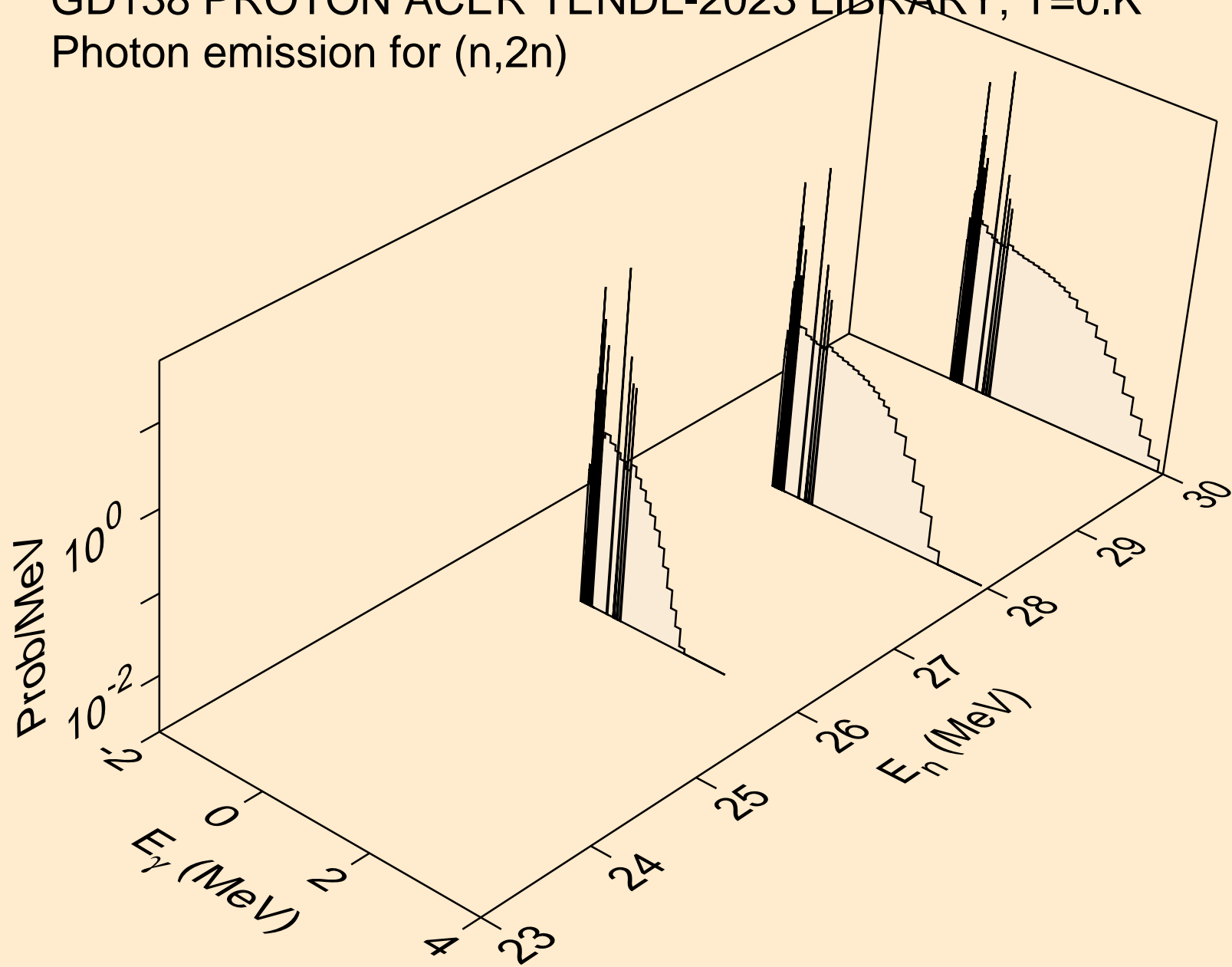
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



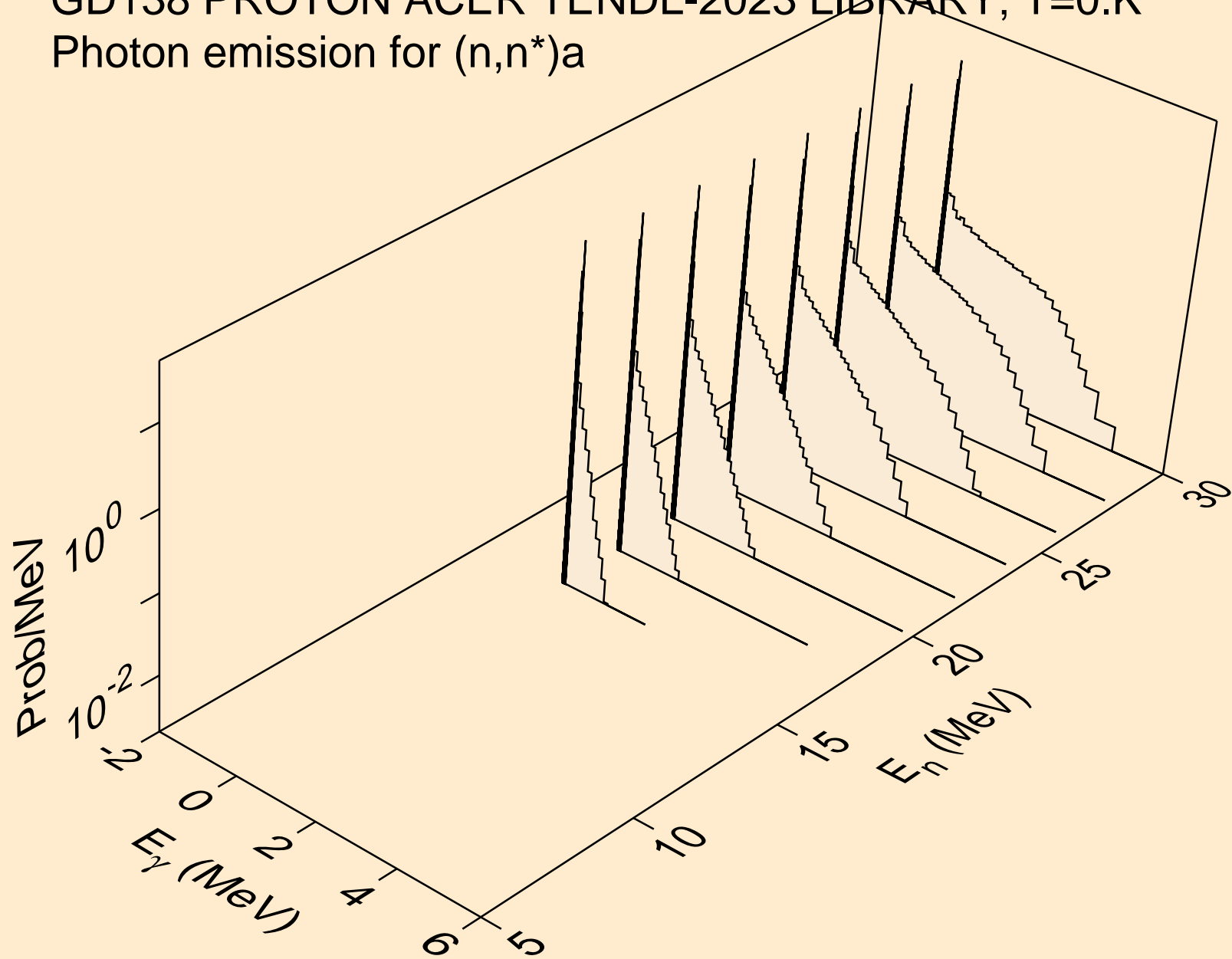
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Photon emission for (z,x)



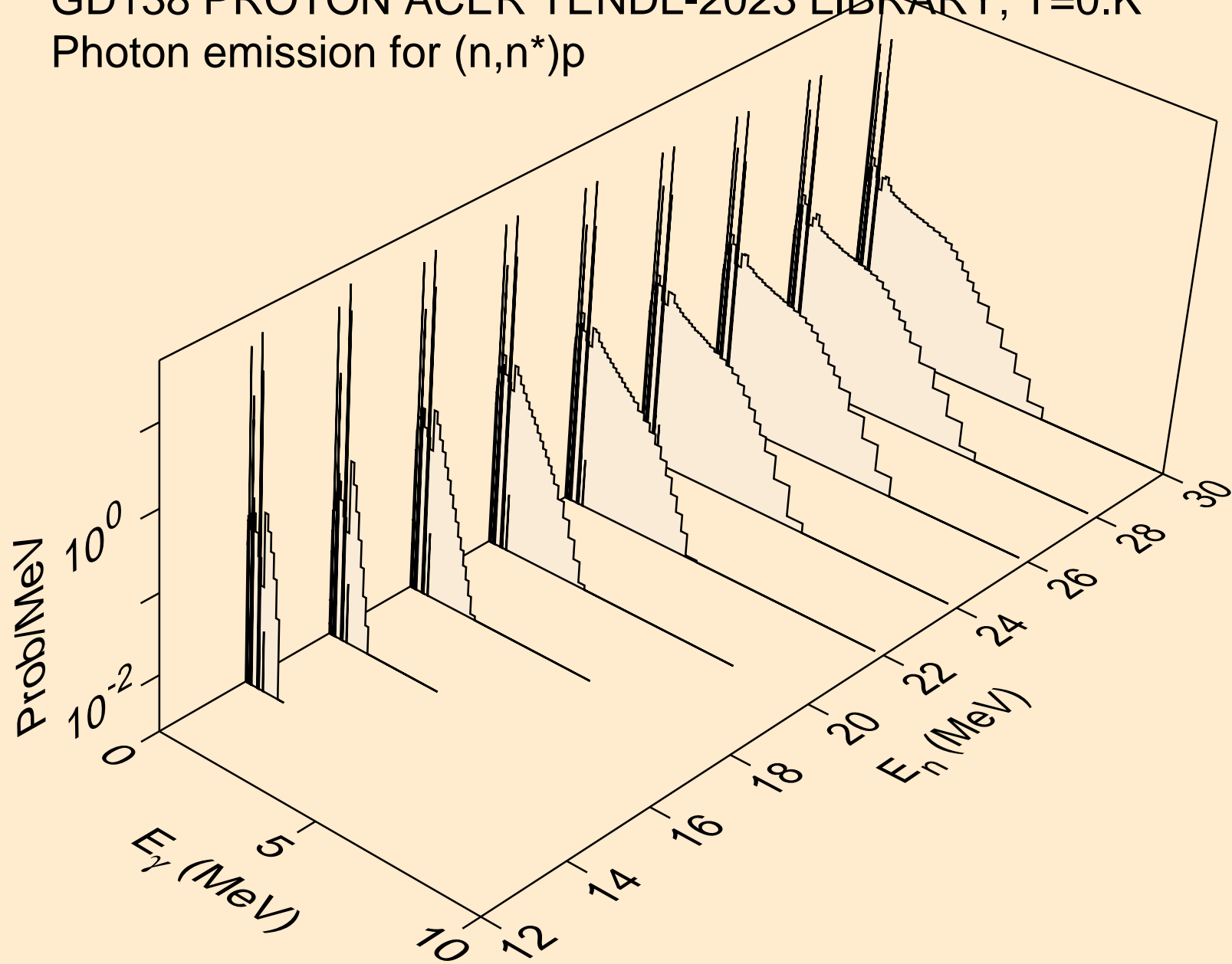
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



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

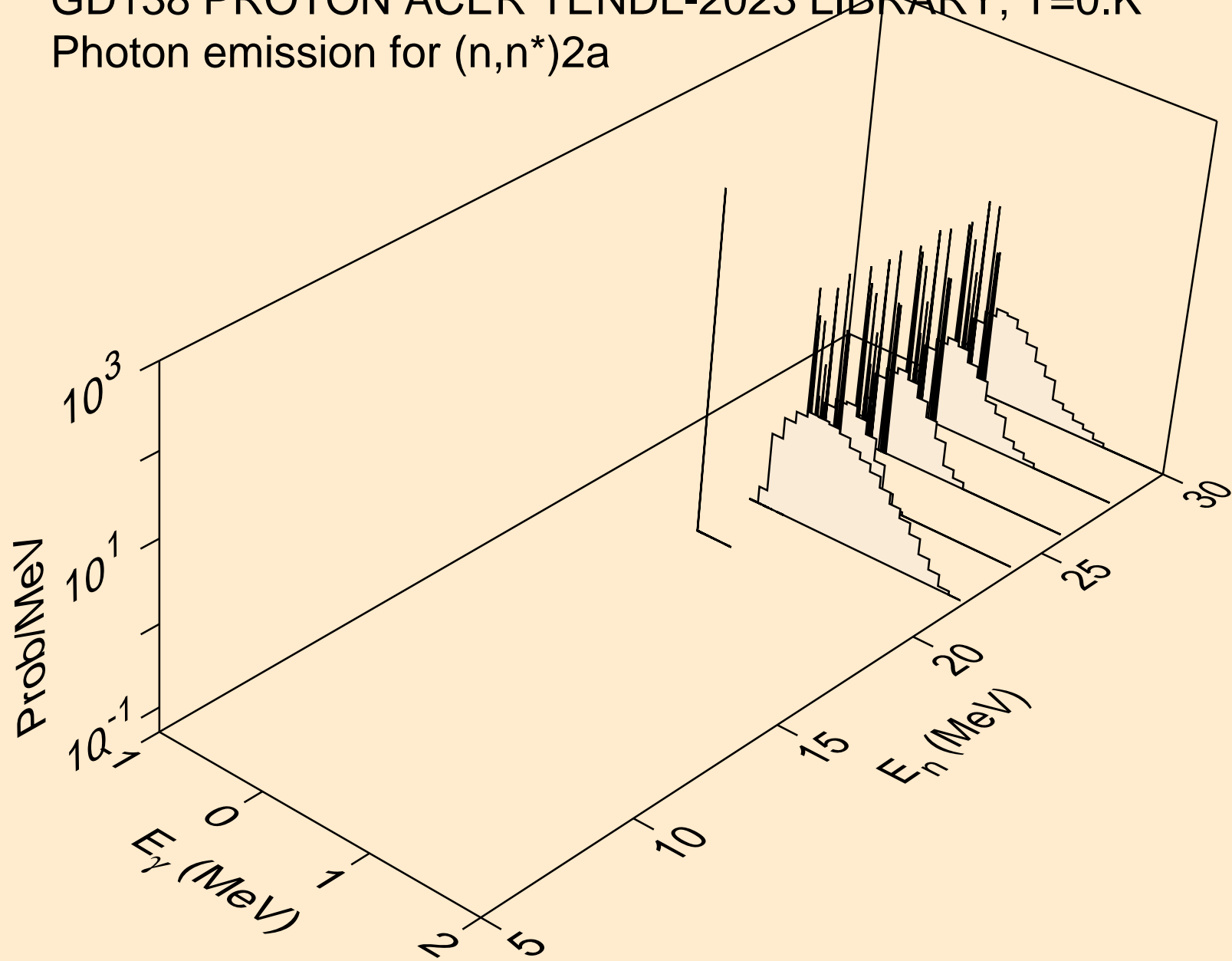


GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

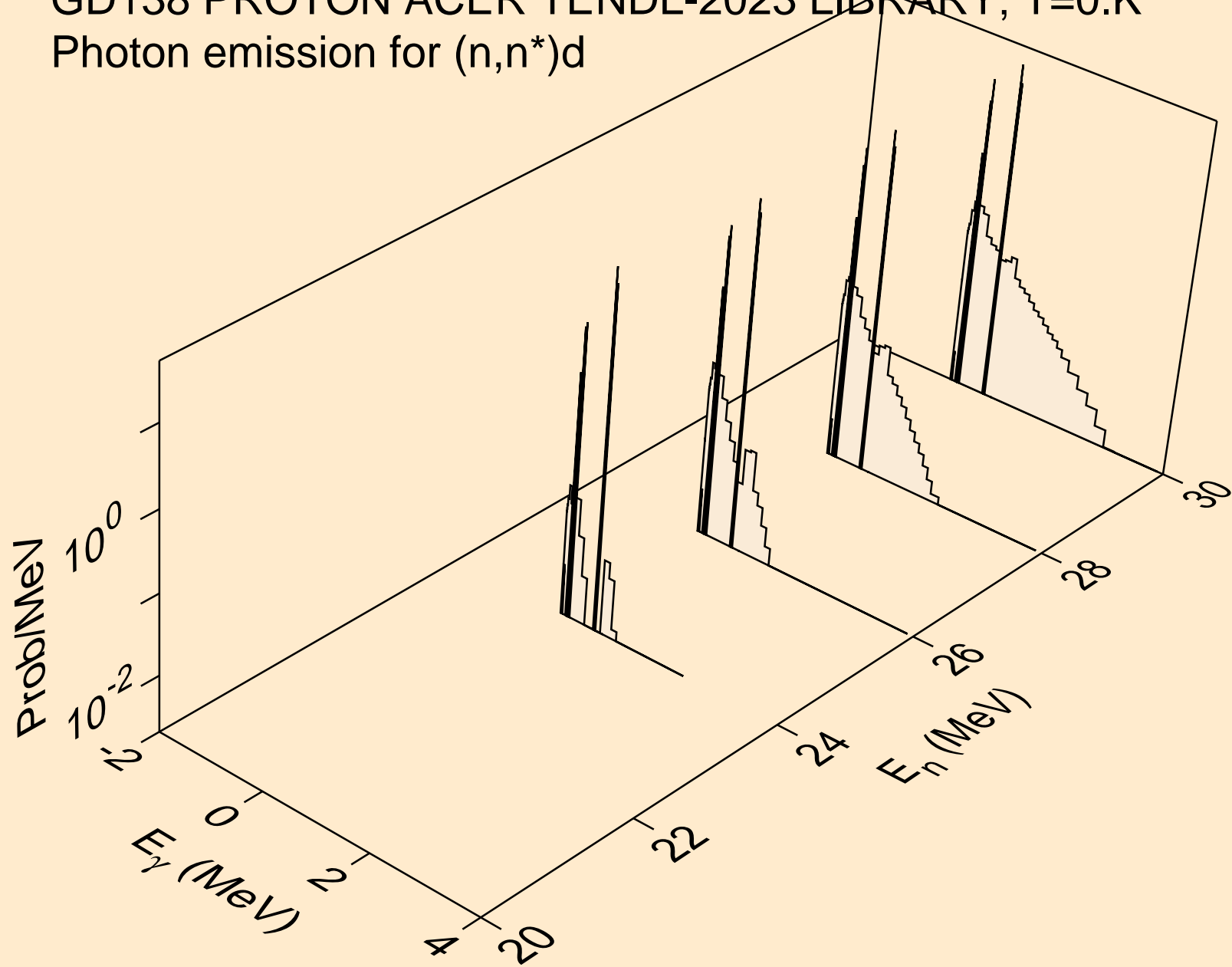




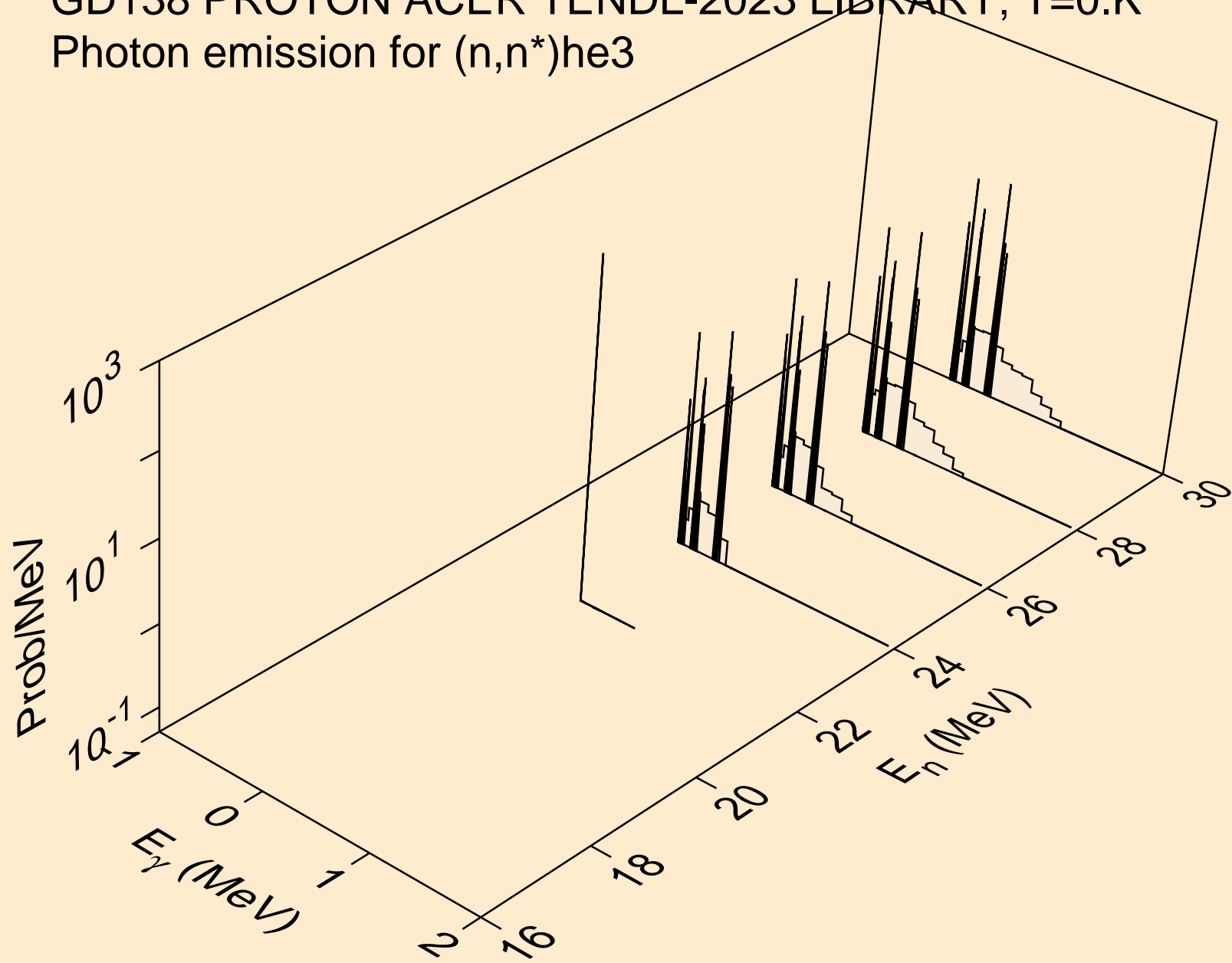
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



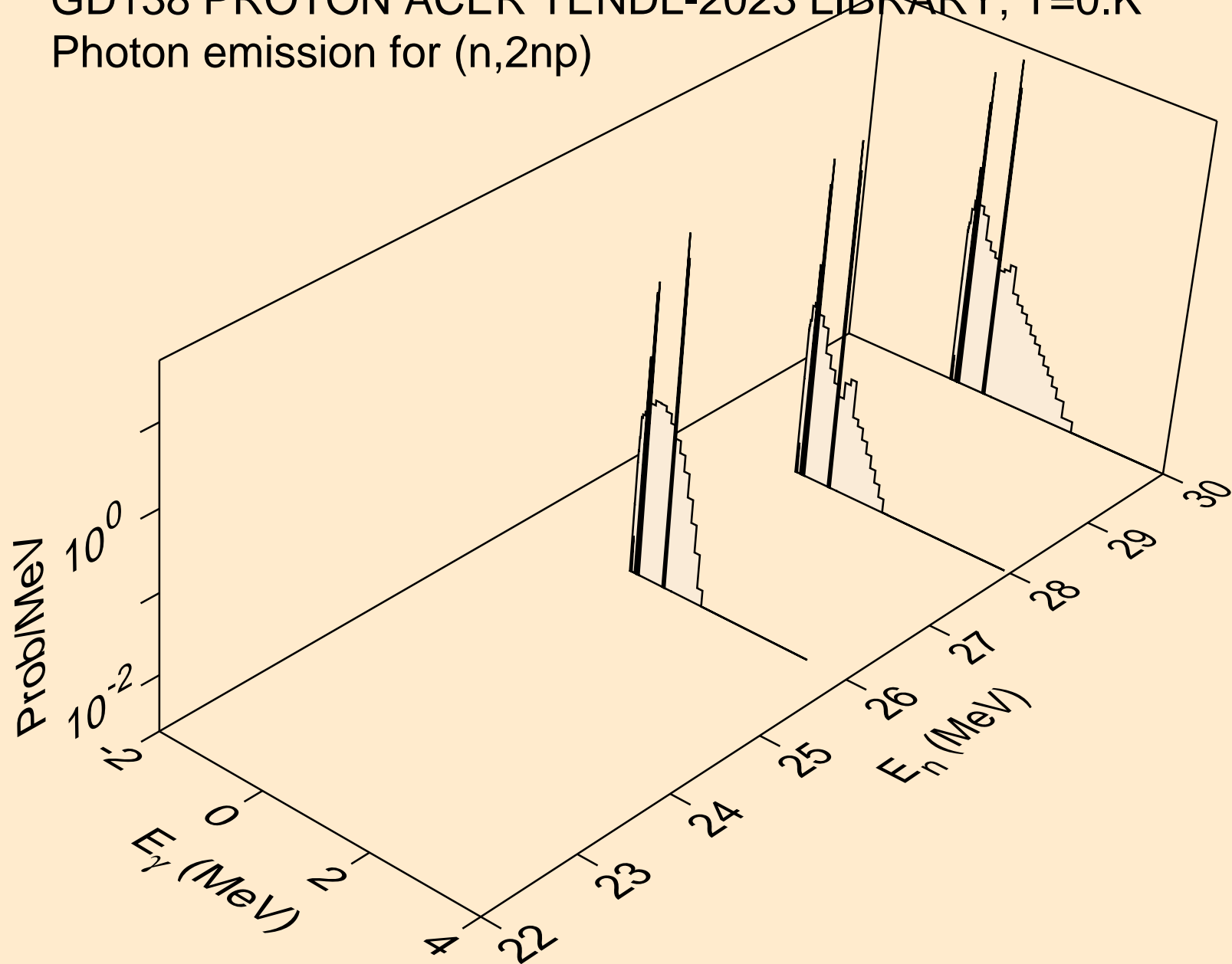
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



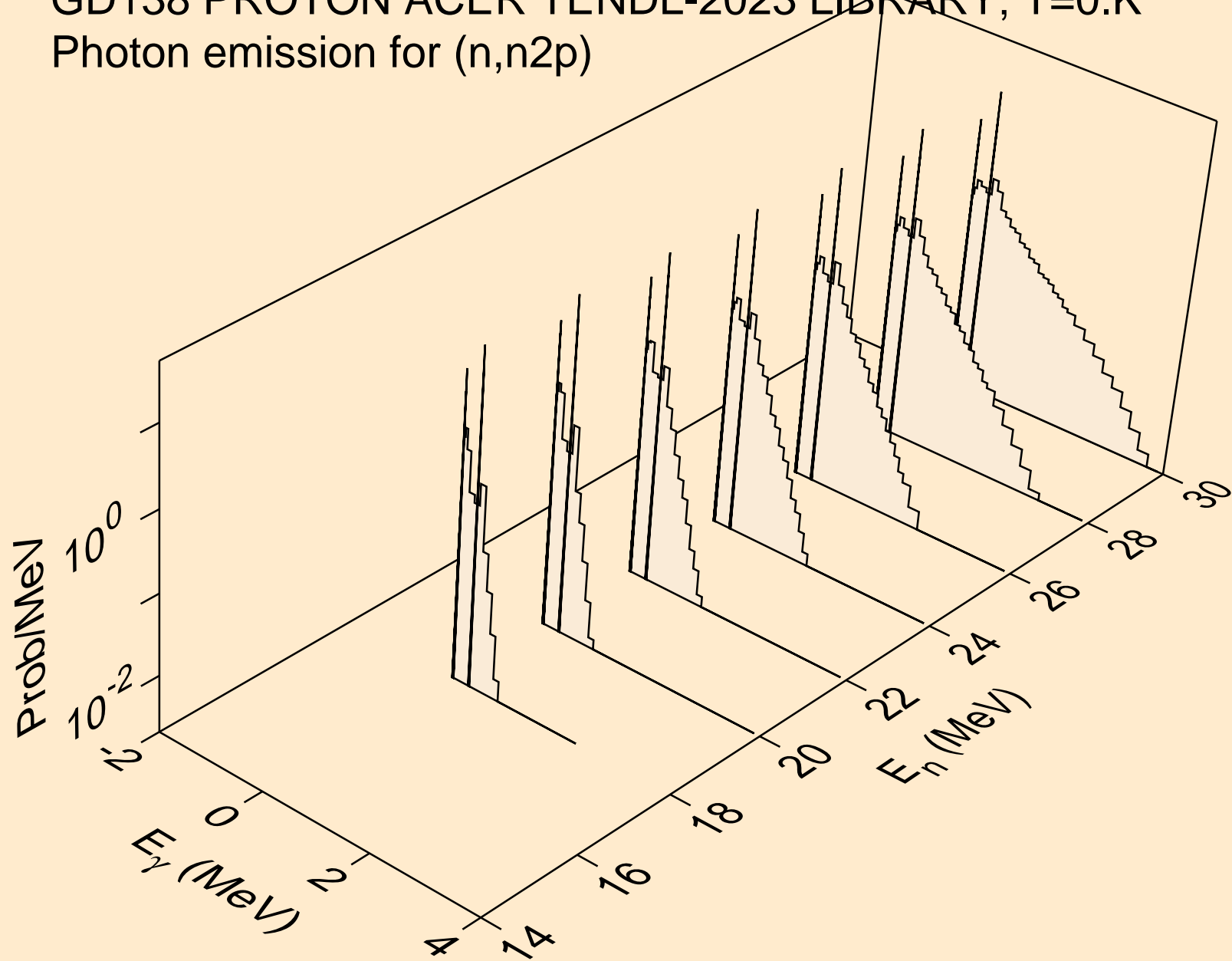
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Photon emission for (n,n\*)he3



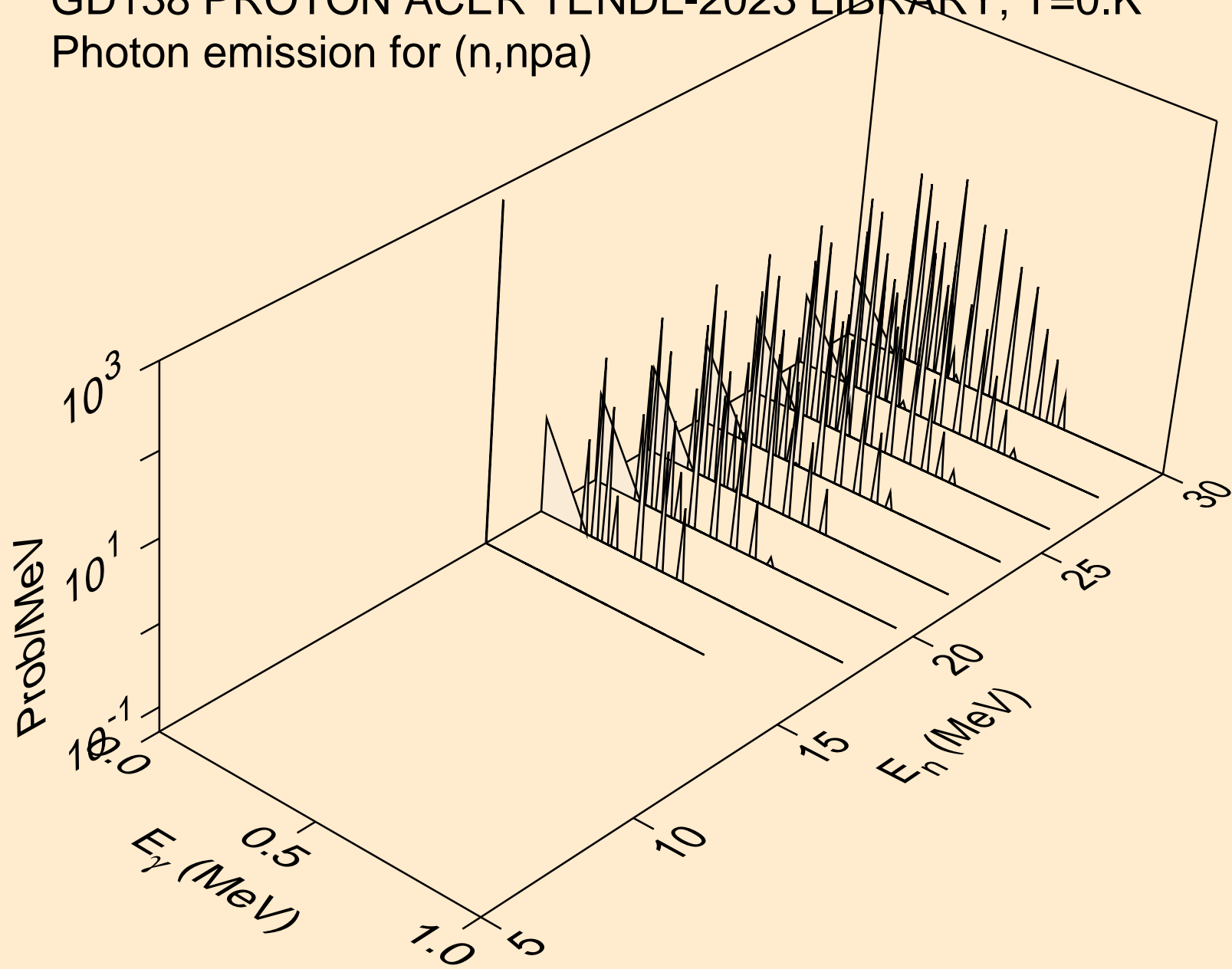
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Photon emission for (n,2np)



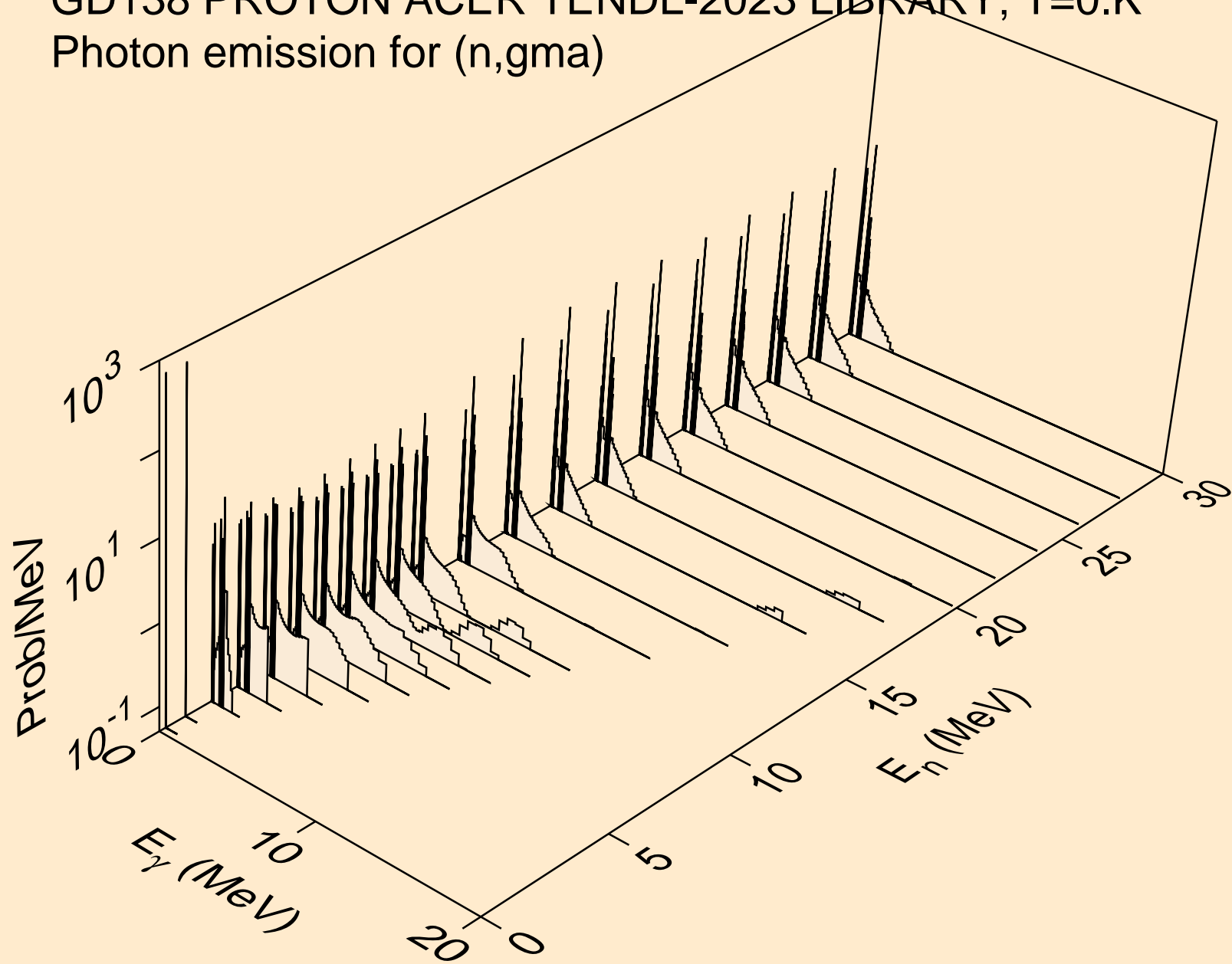
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Photon emission for (n,n2p)



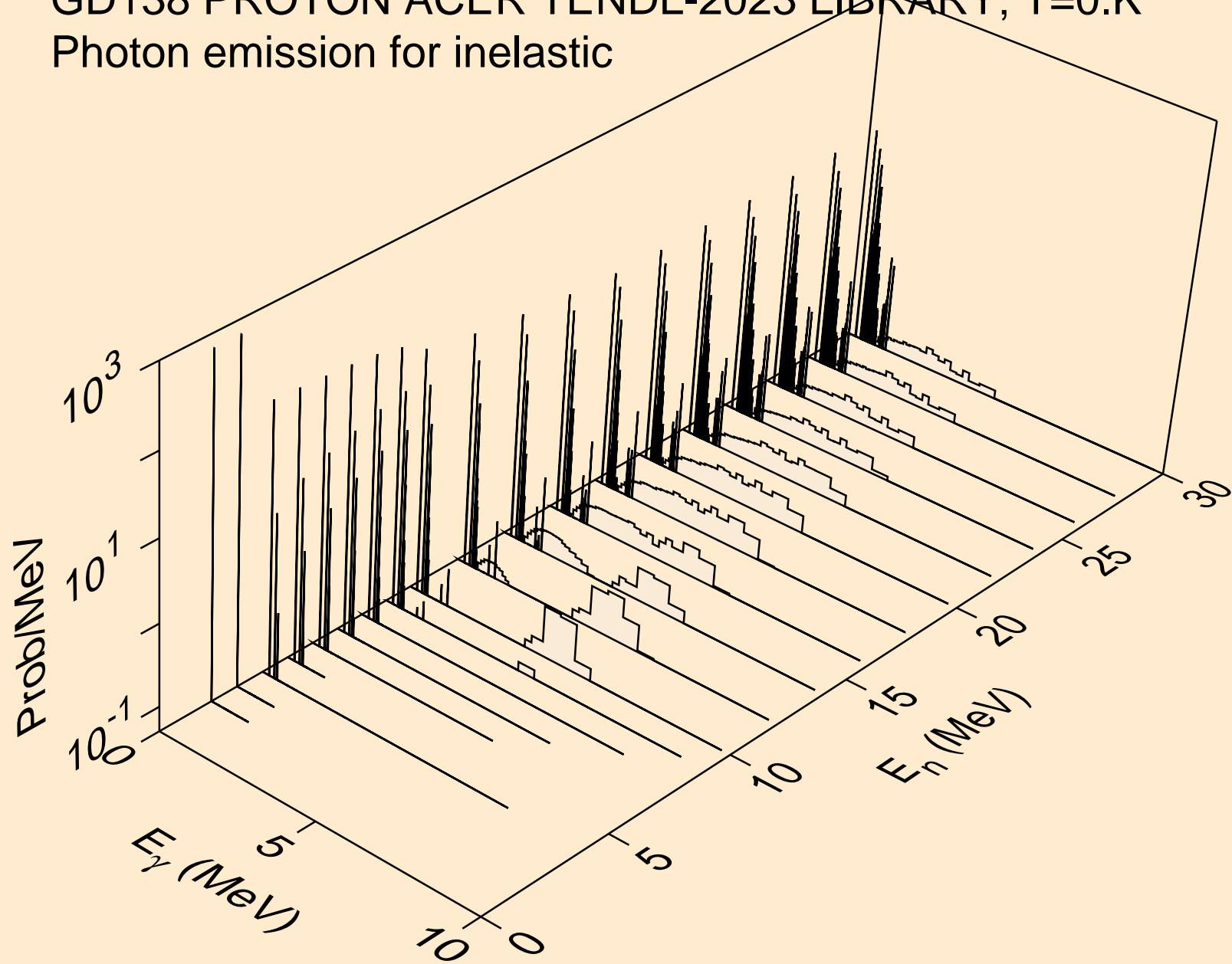
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



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

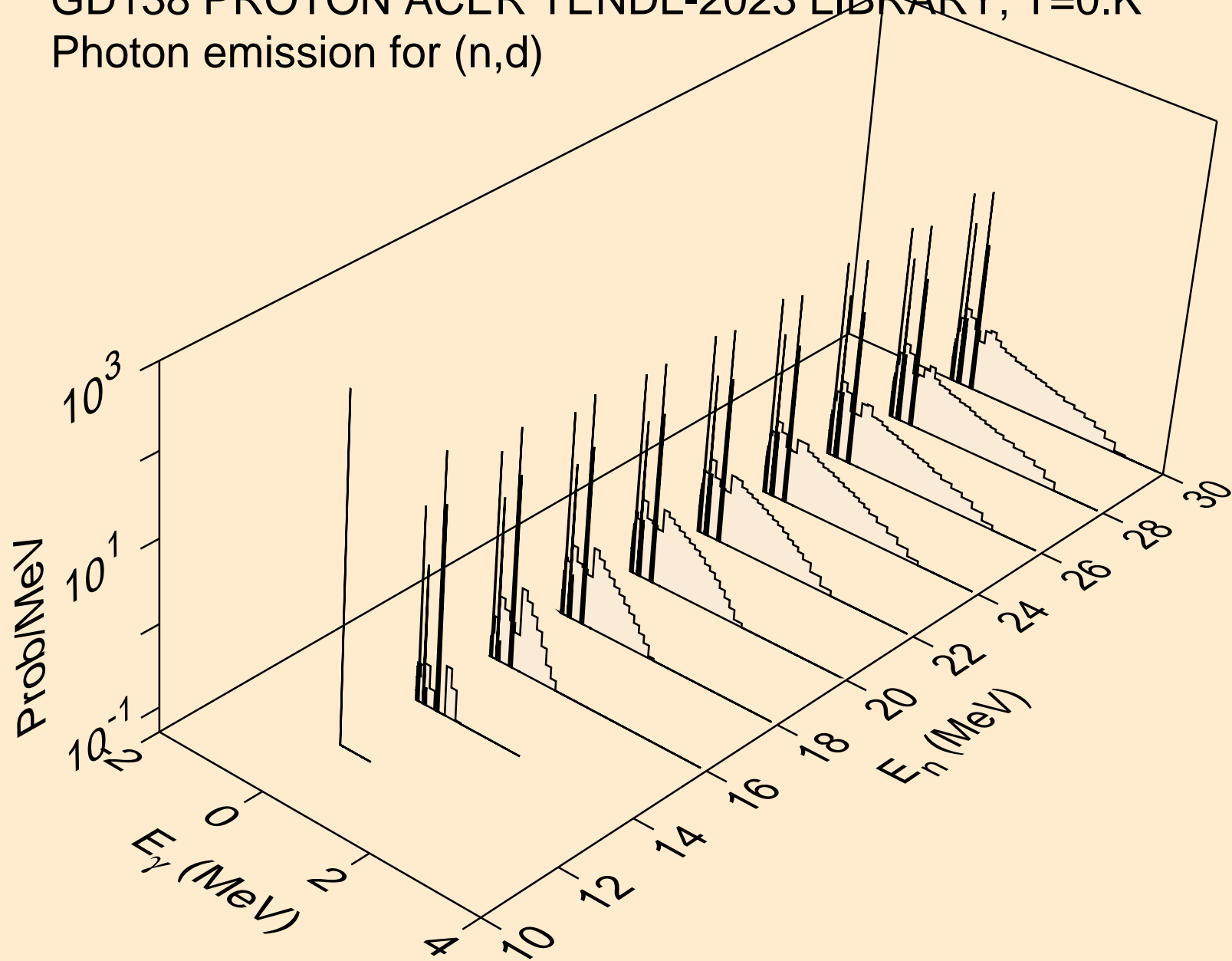


GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

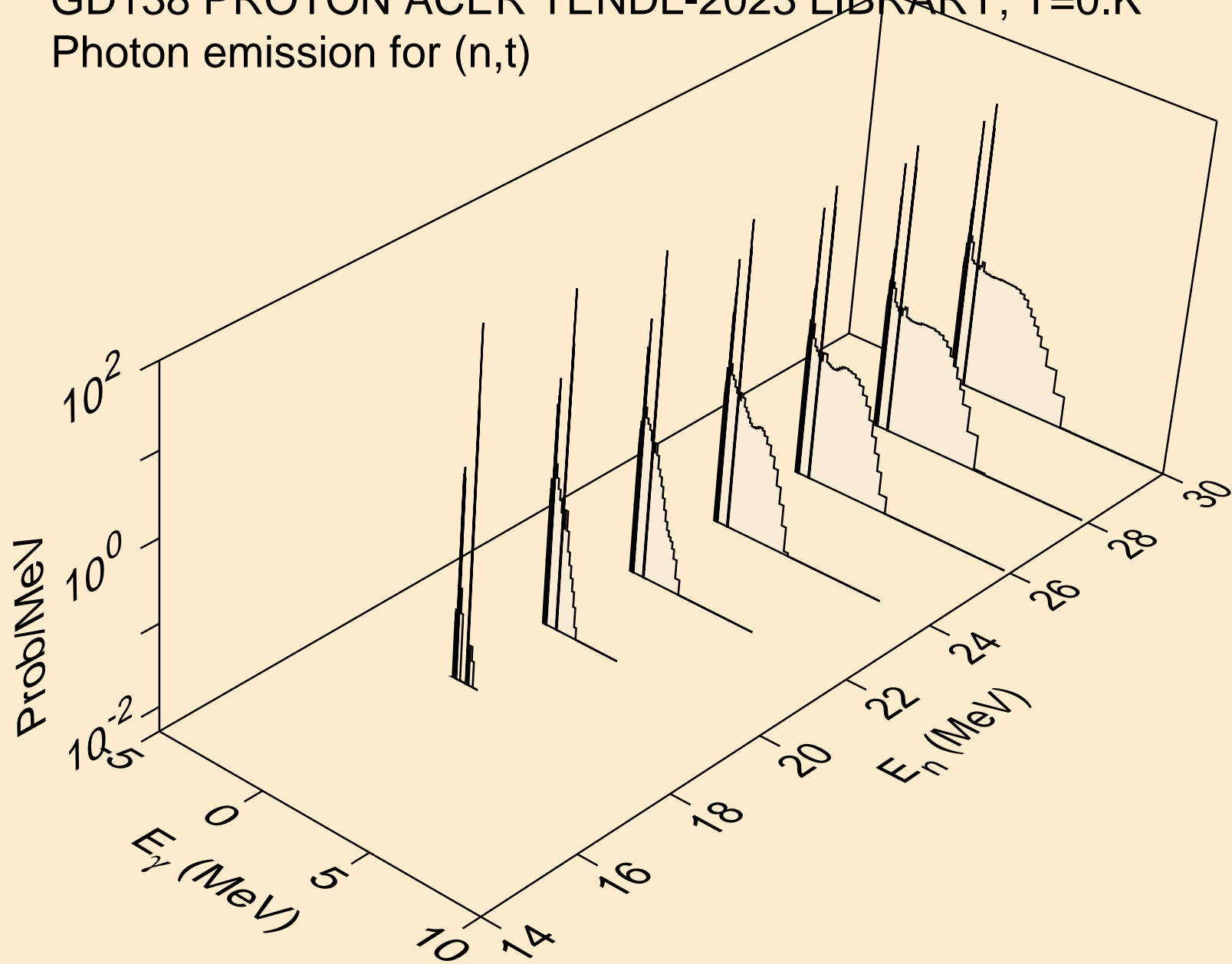




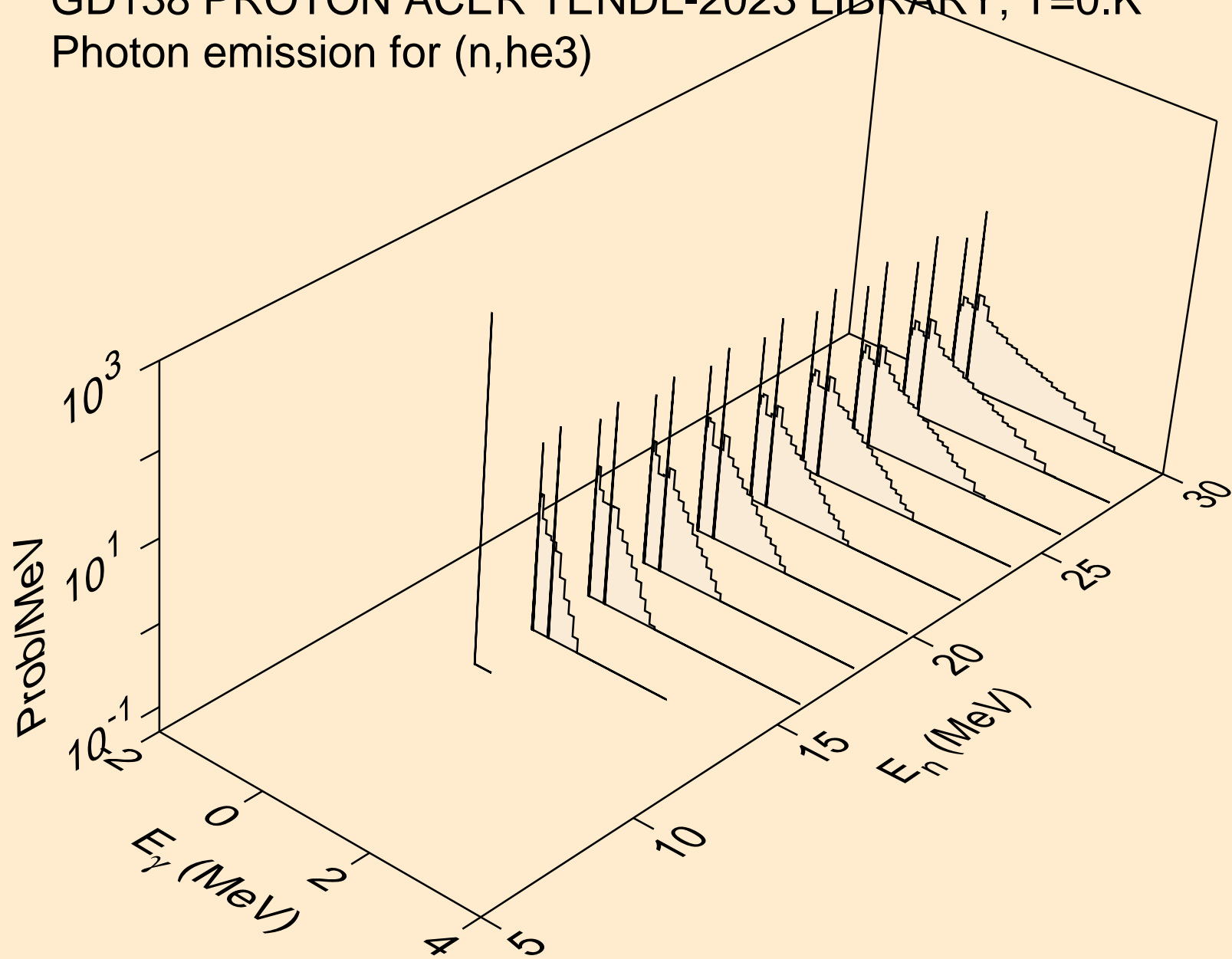
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Photon emission for (n,d)



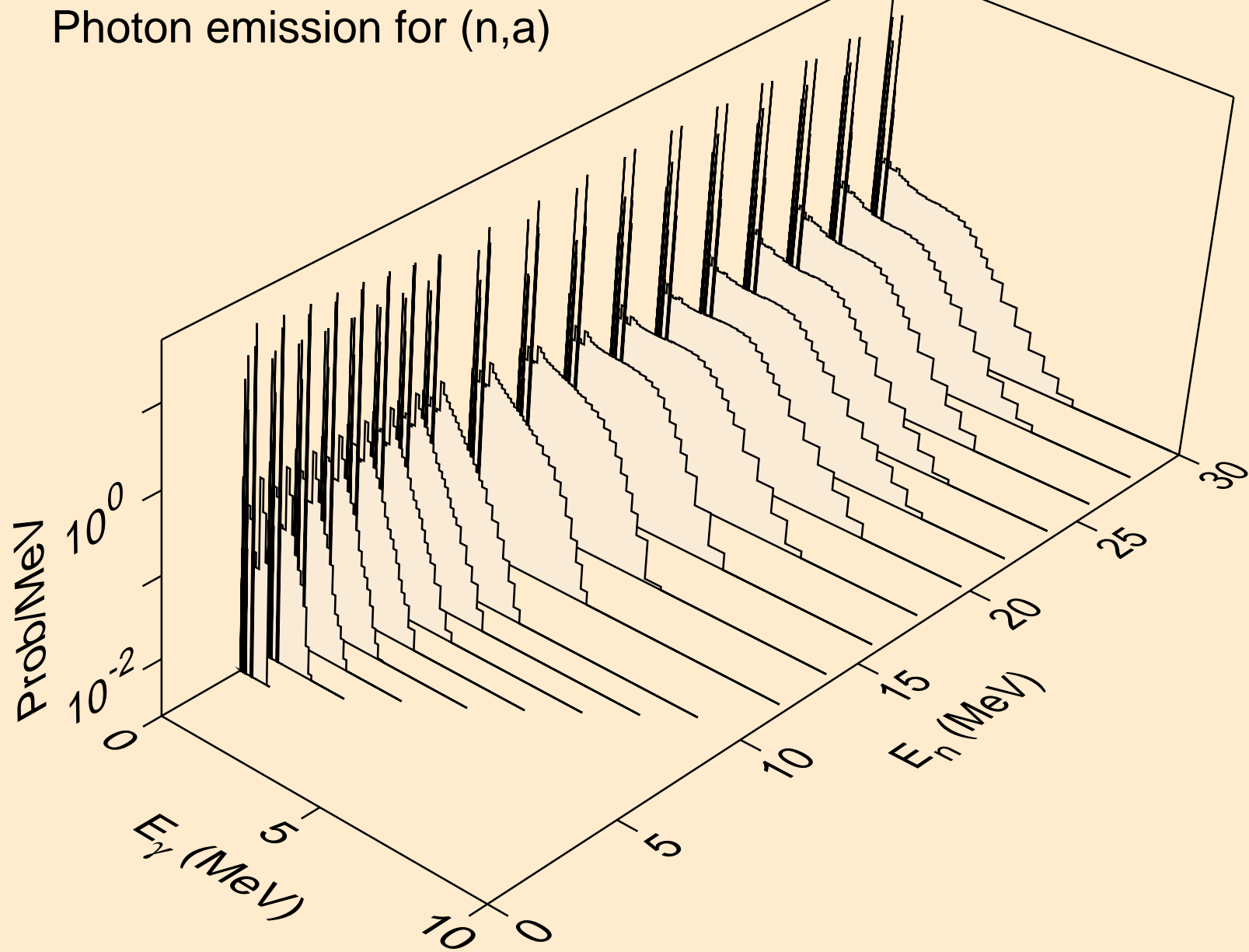
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Photon emission for (n,t)



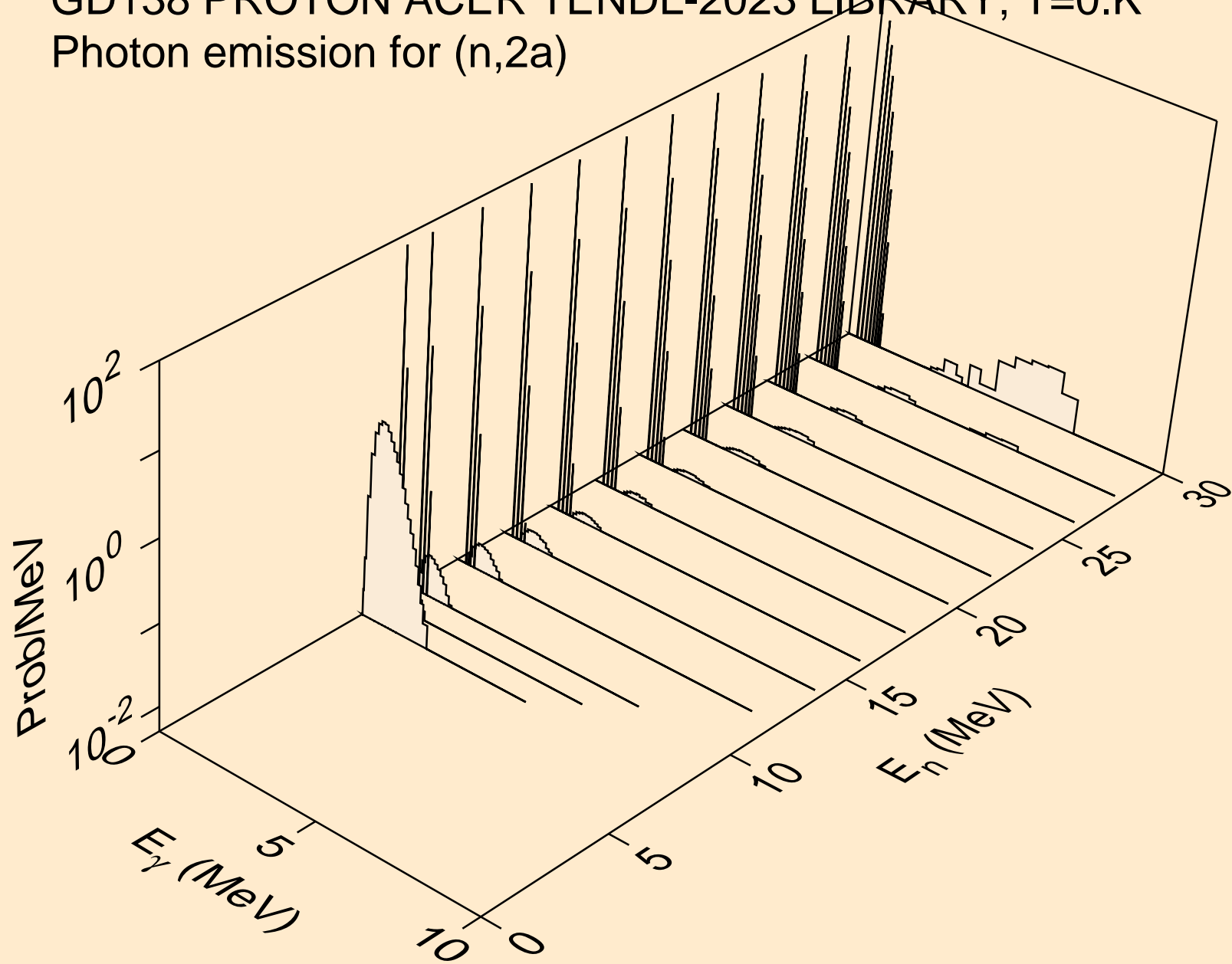
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Photon emission for (n,he3)



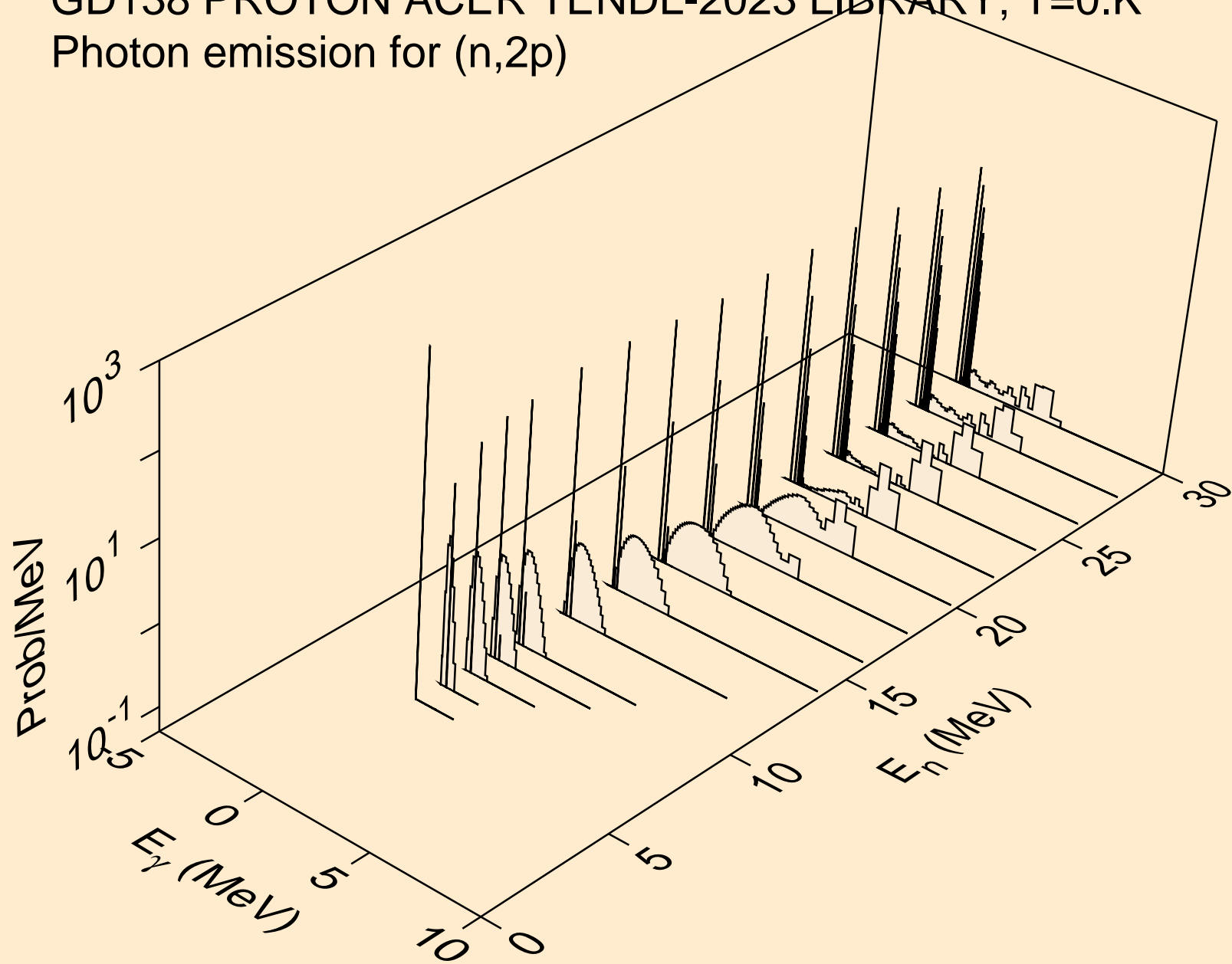
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Photon emission for (n,a)



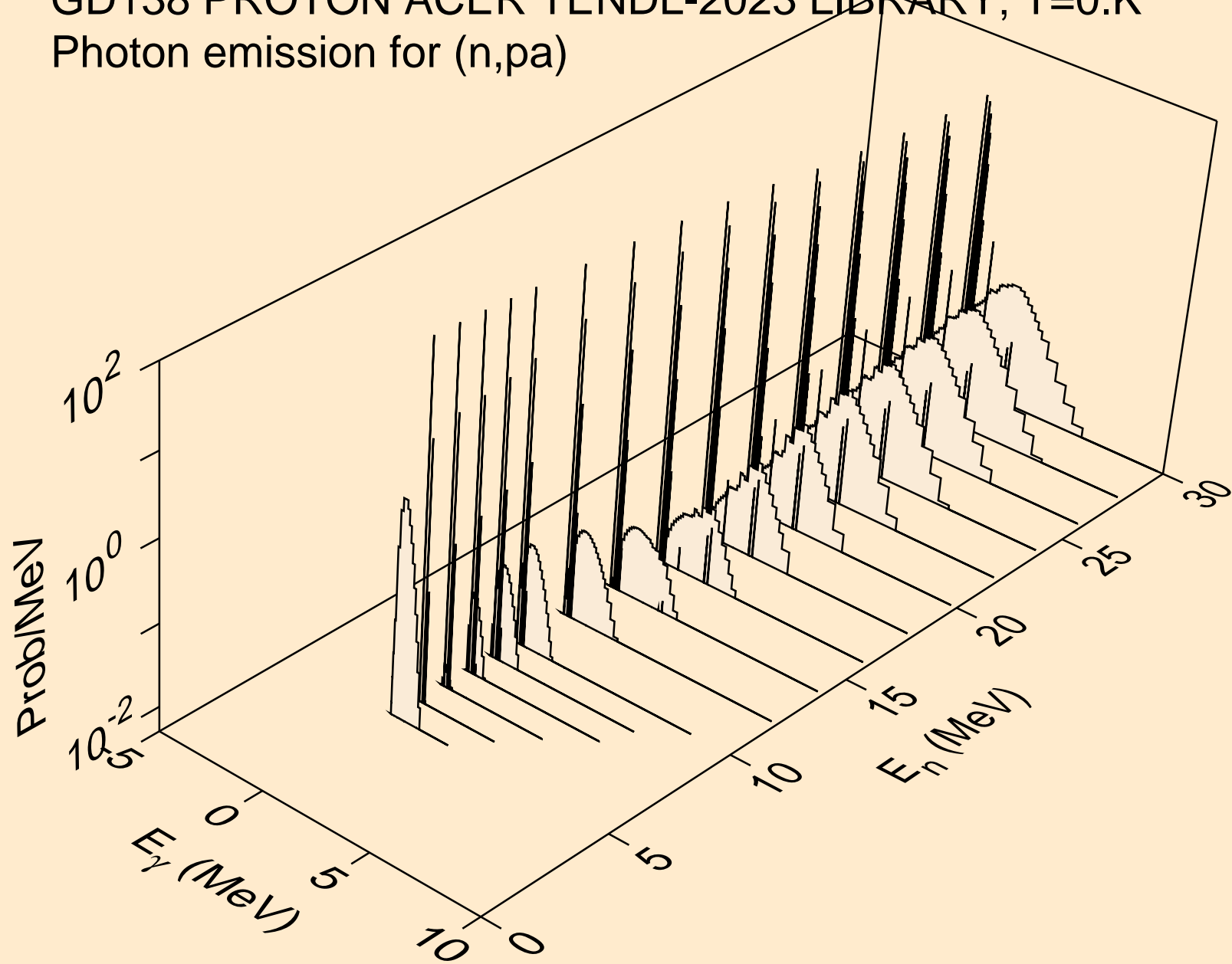
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



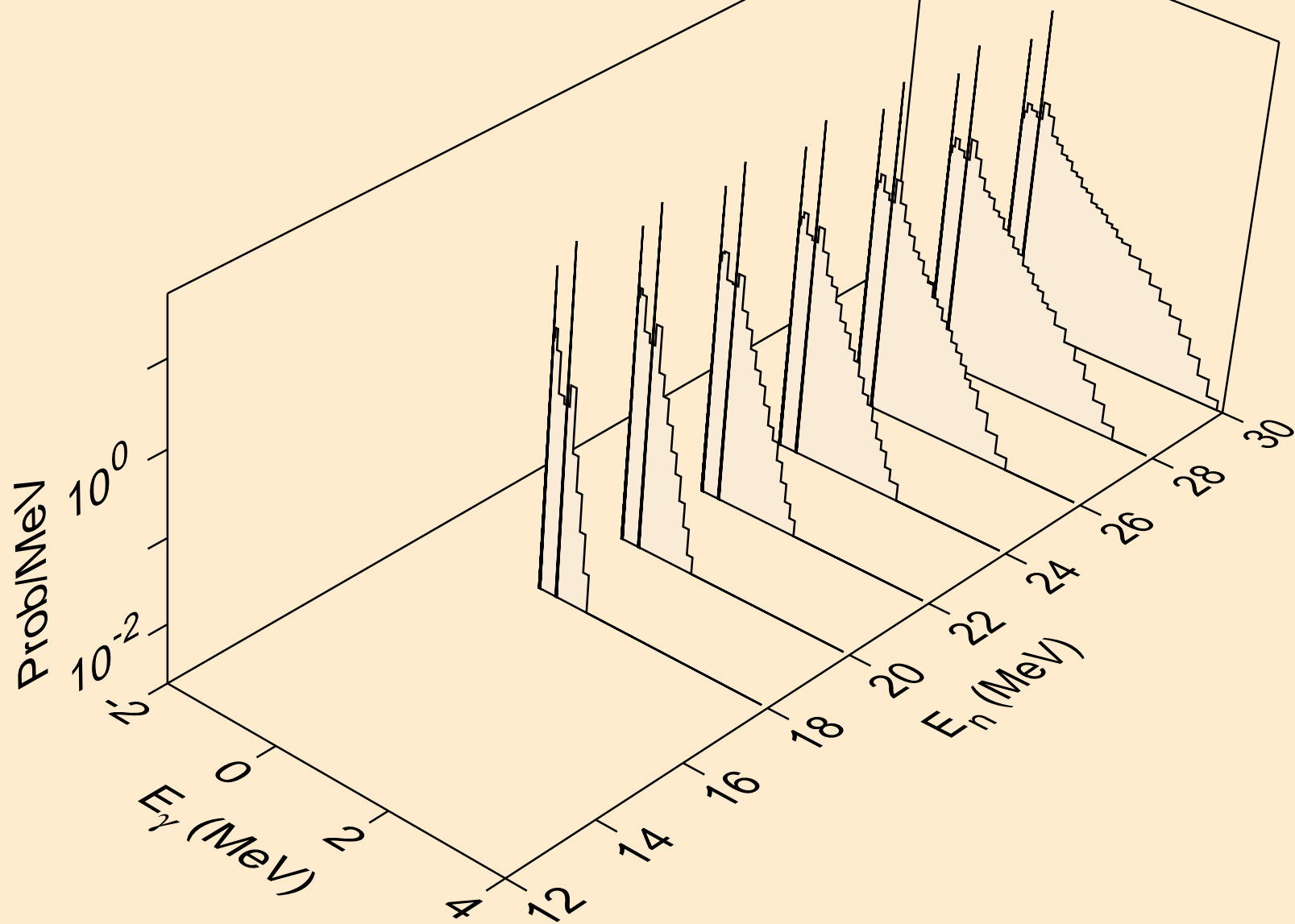
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



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

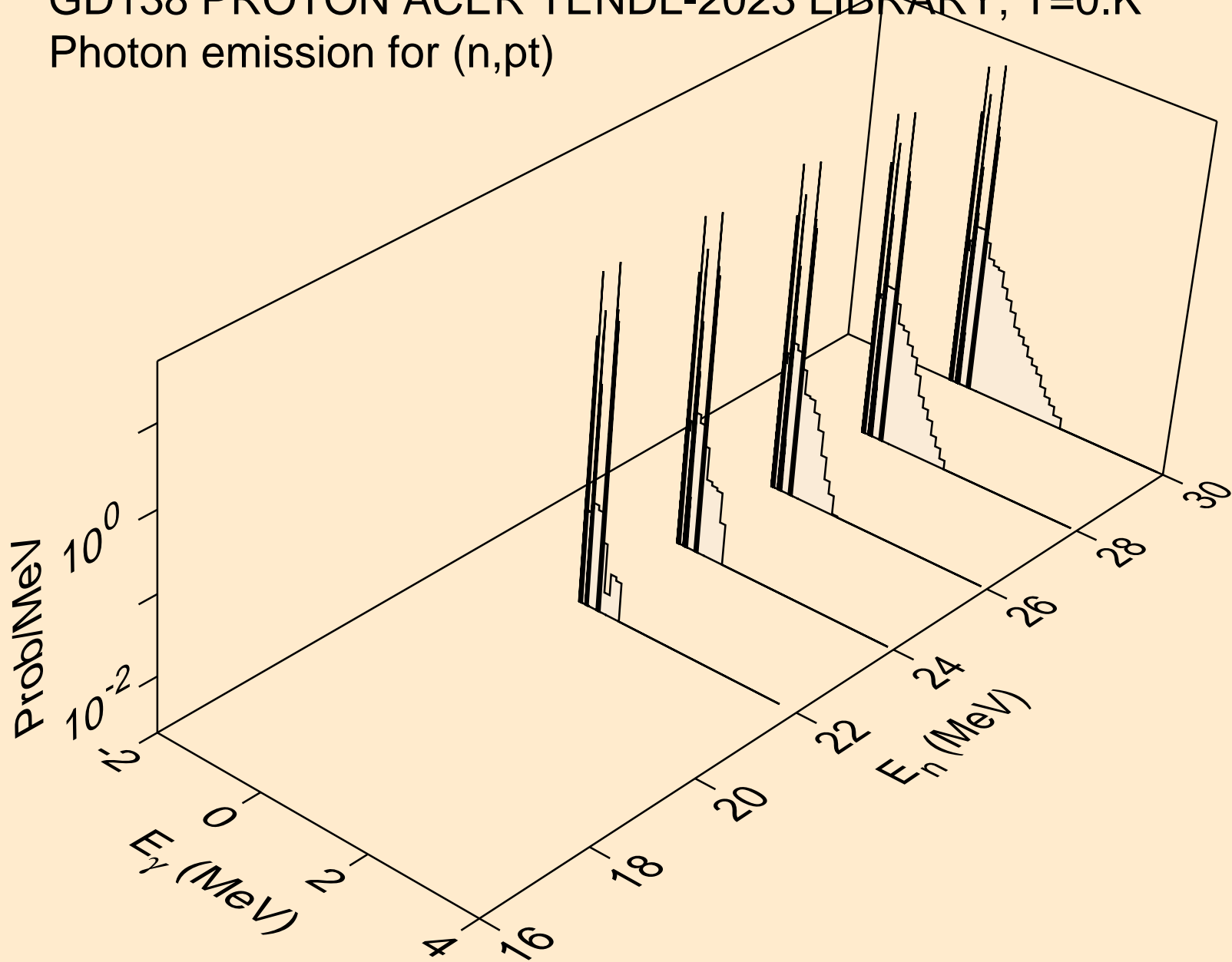


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Photon emission for (n,pd)

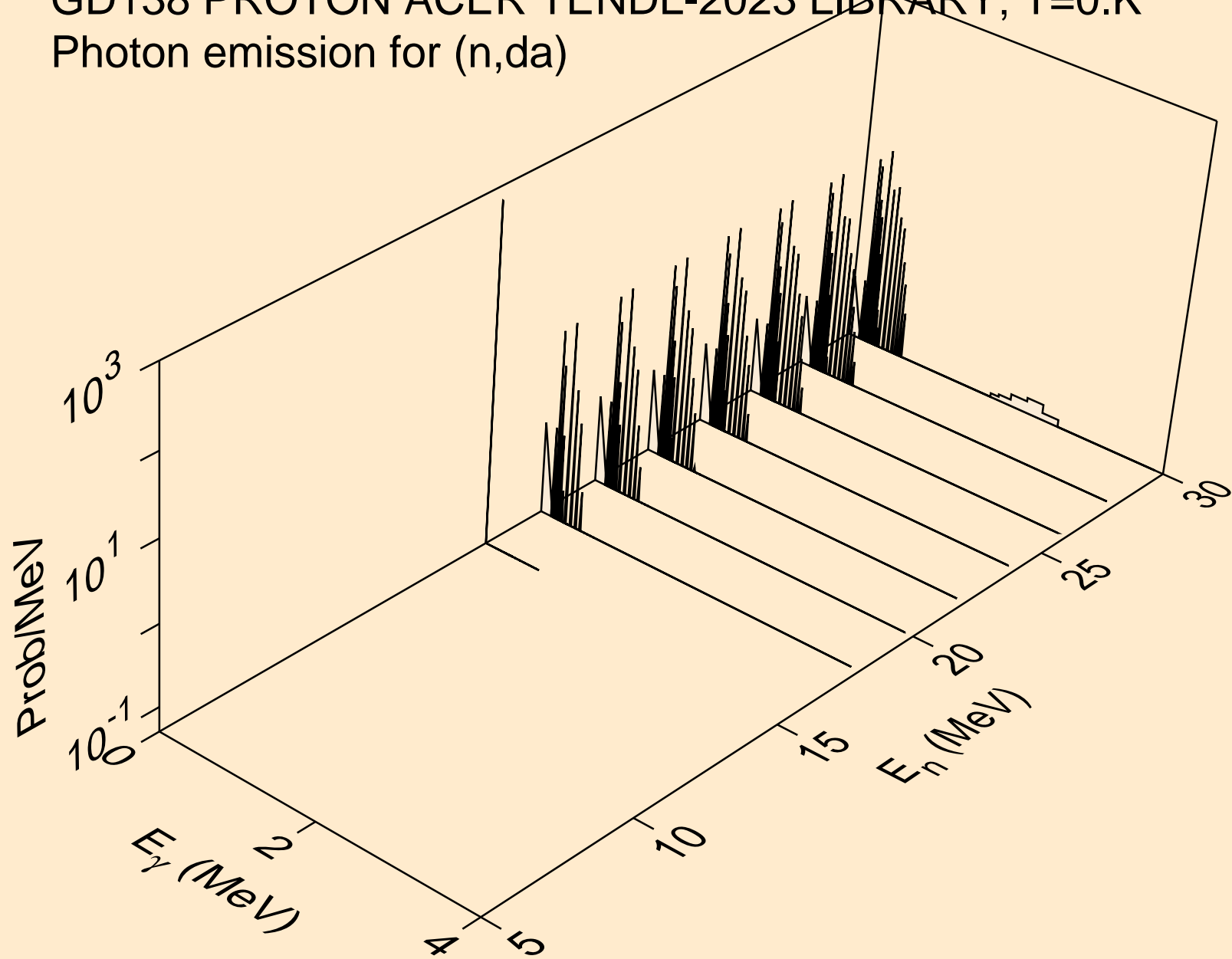




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Photon emission for (n,pt)

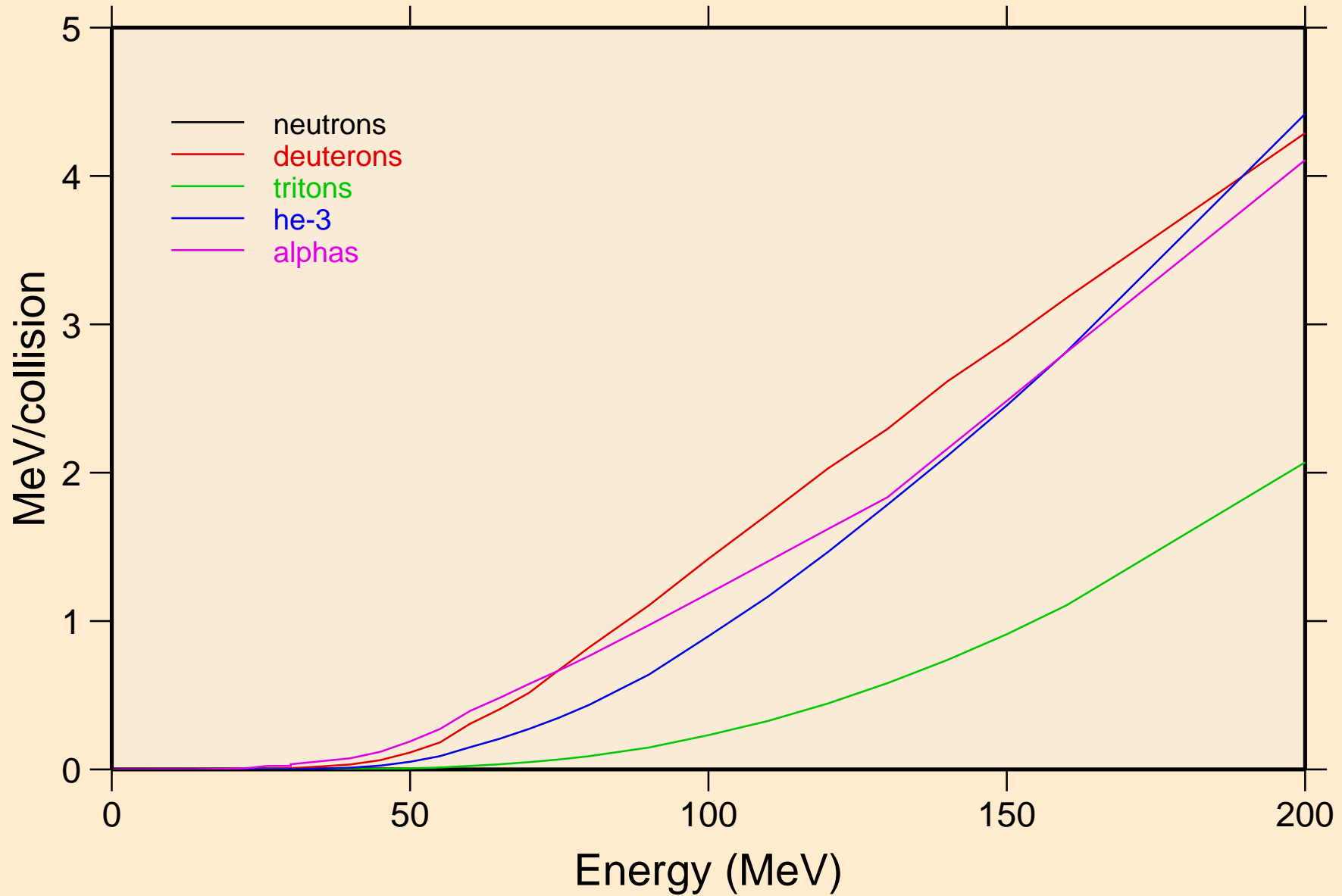


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Photon emission for (n,da)

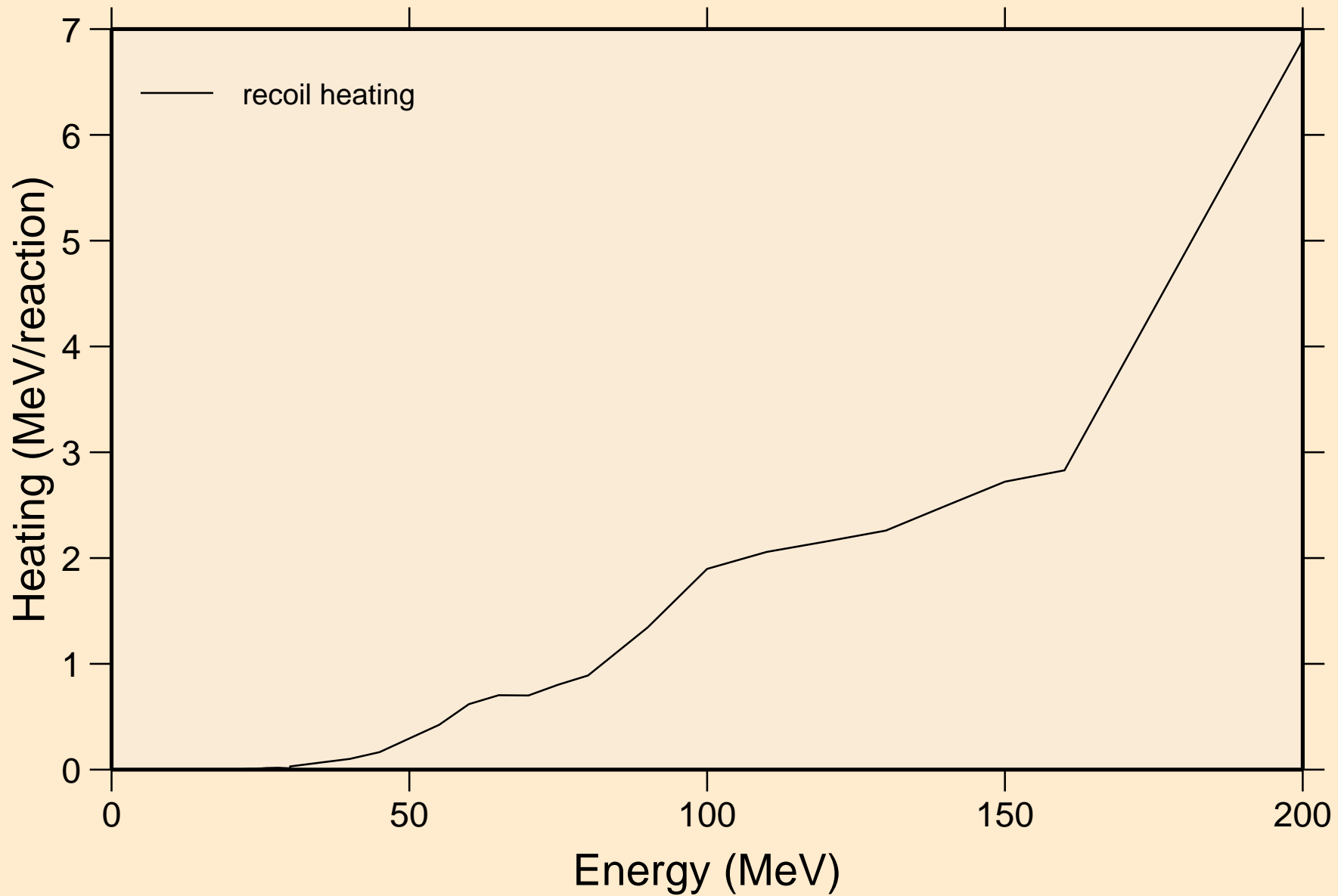


# GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

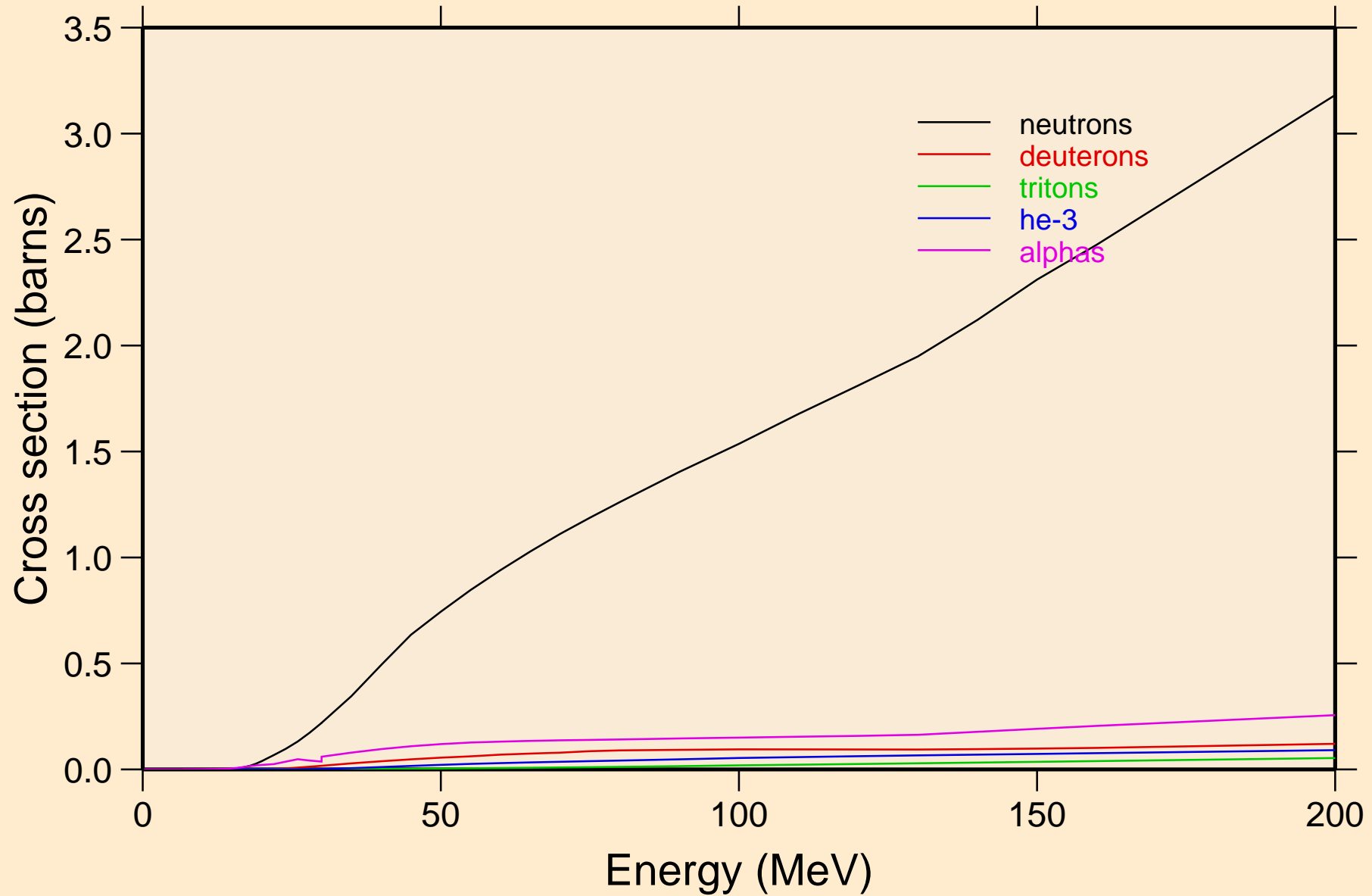


GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

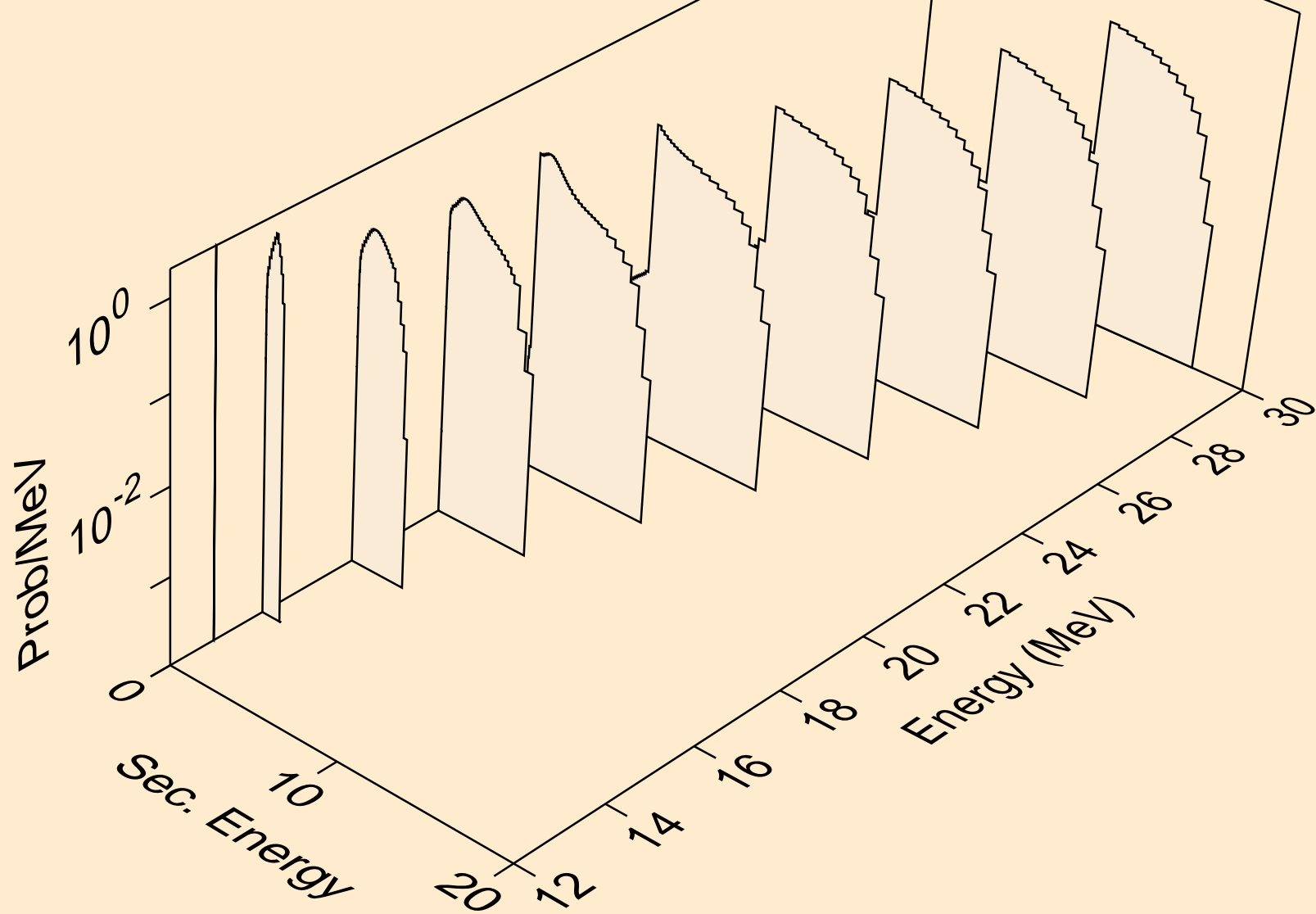


# GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K

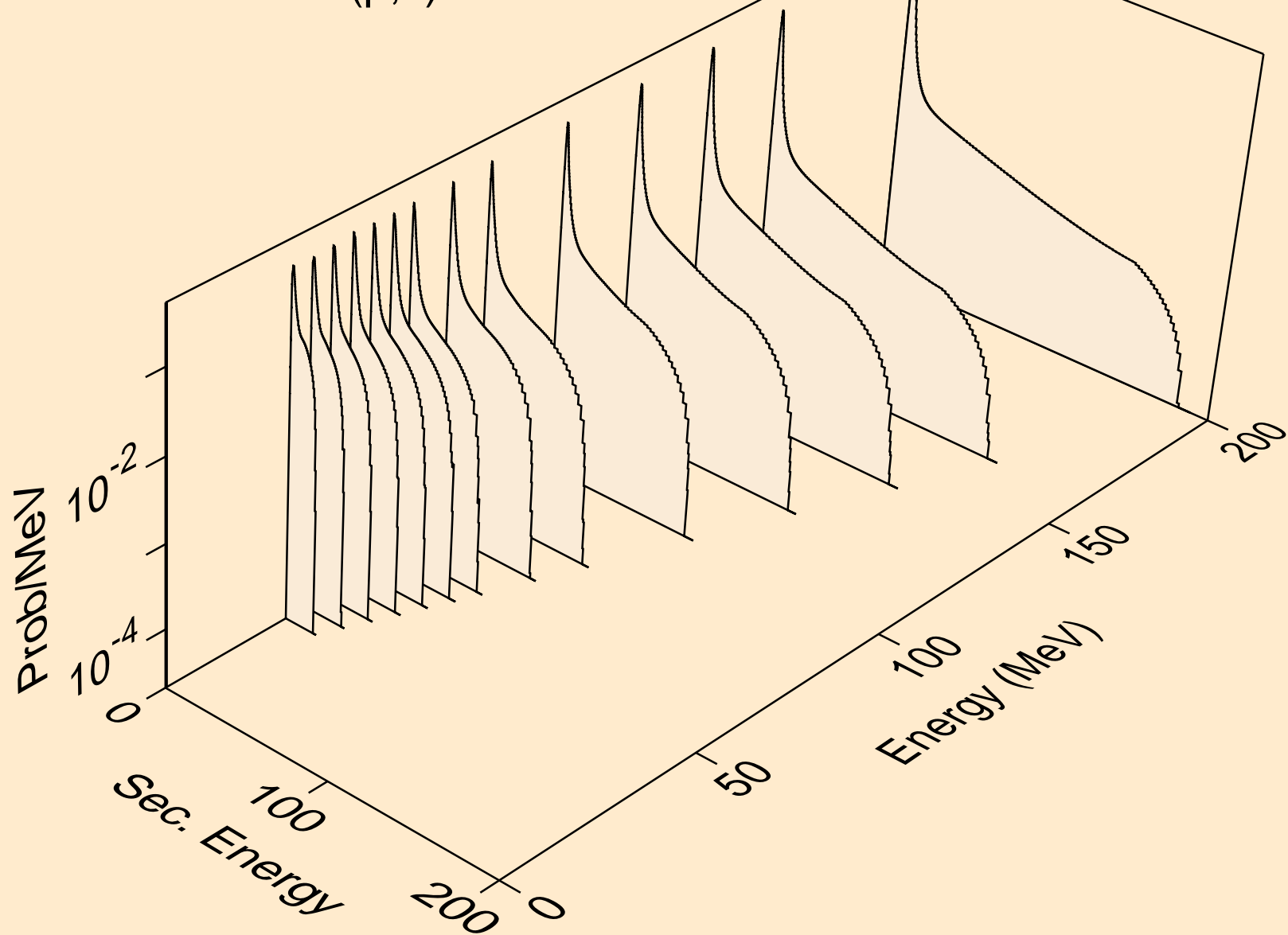
## Particle production cross sections



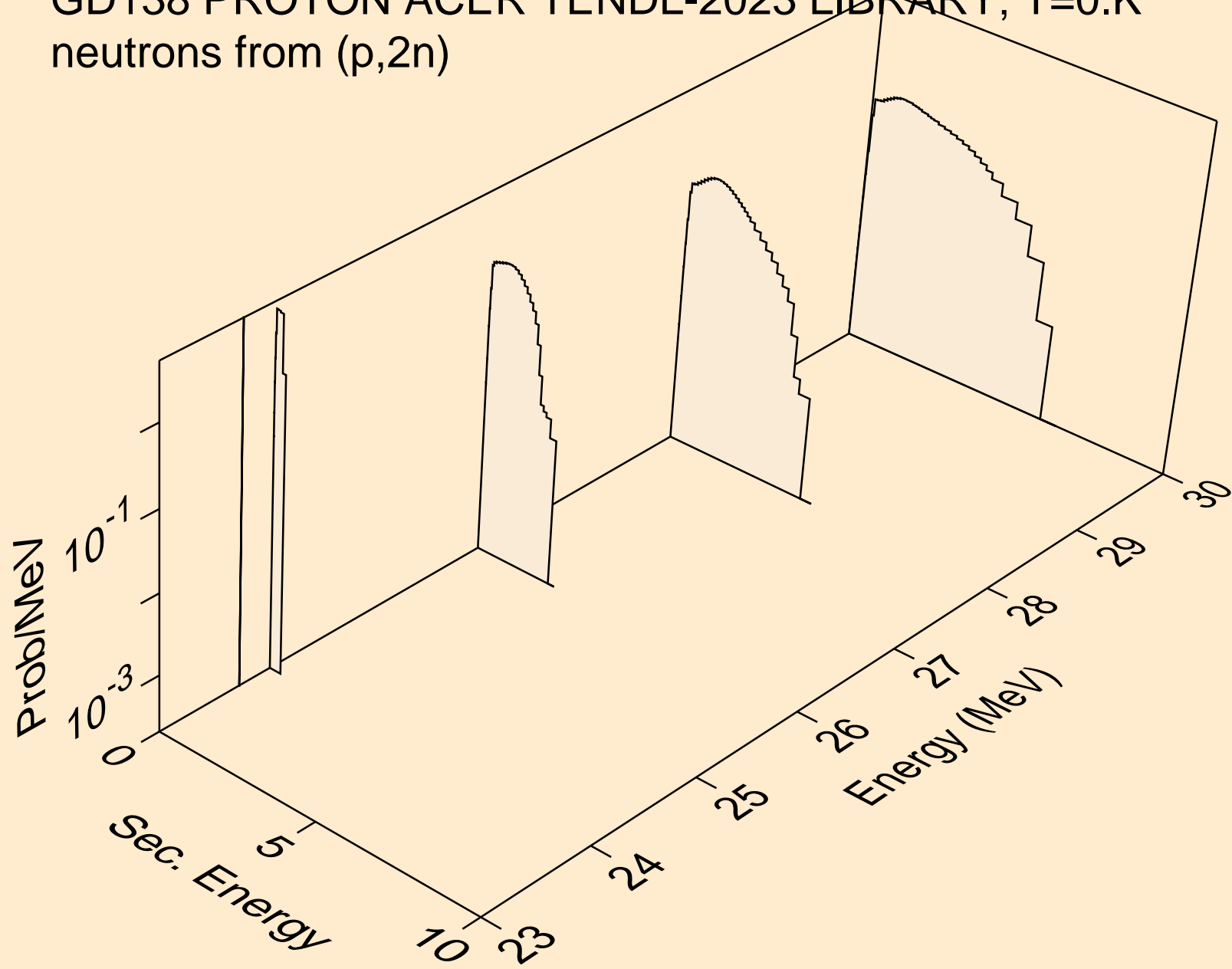
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



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

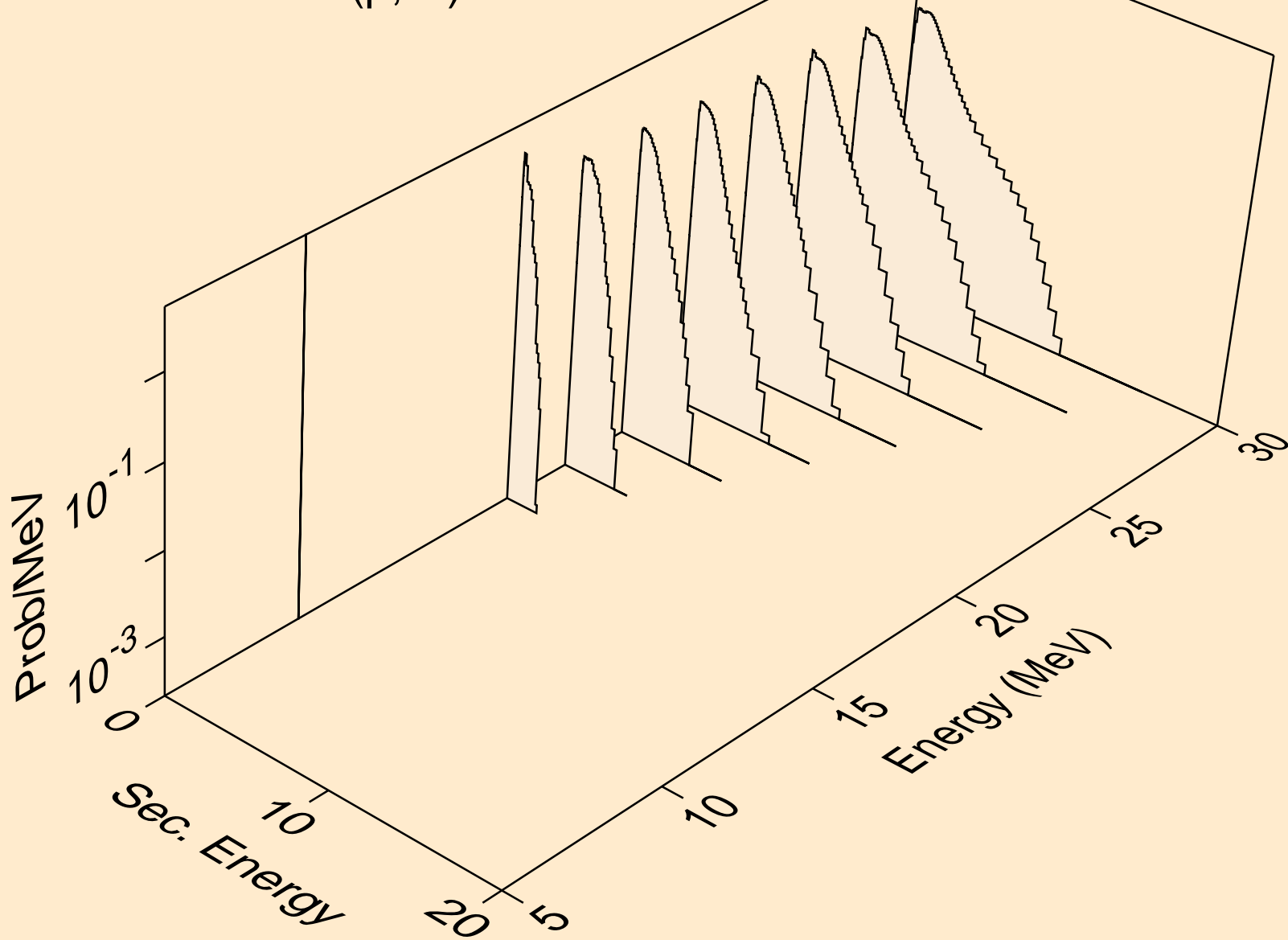


GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

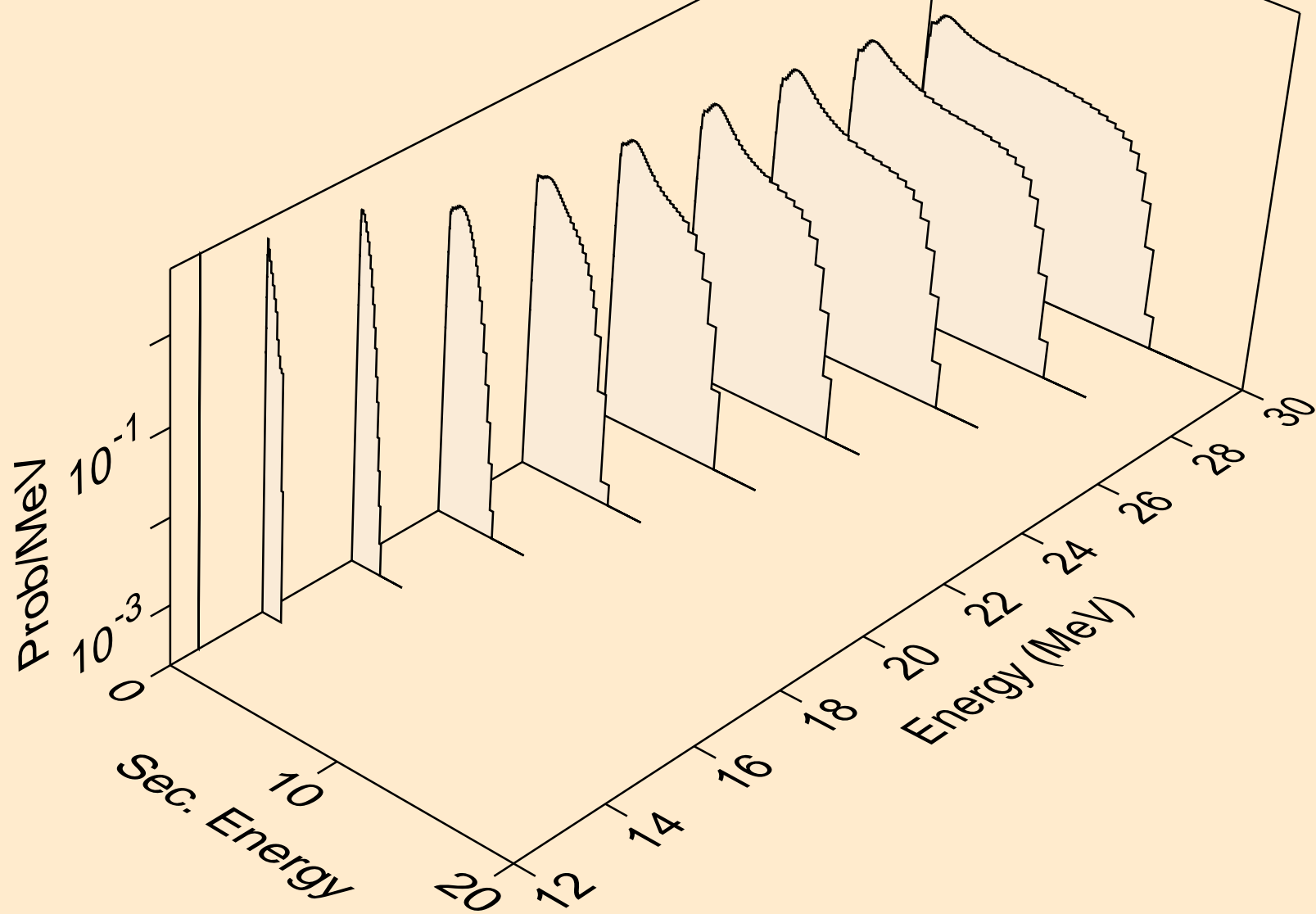




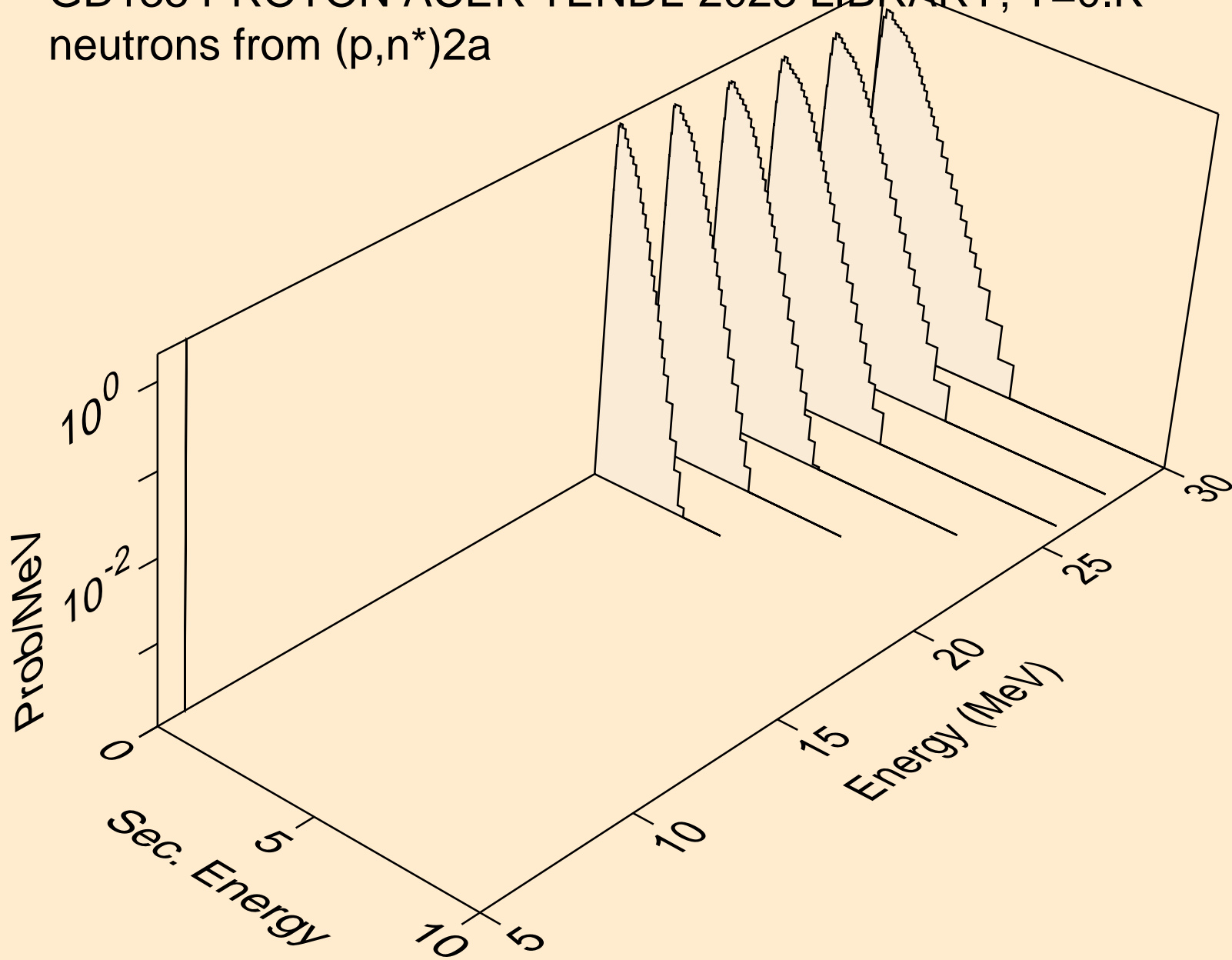
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



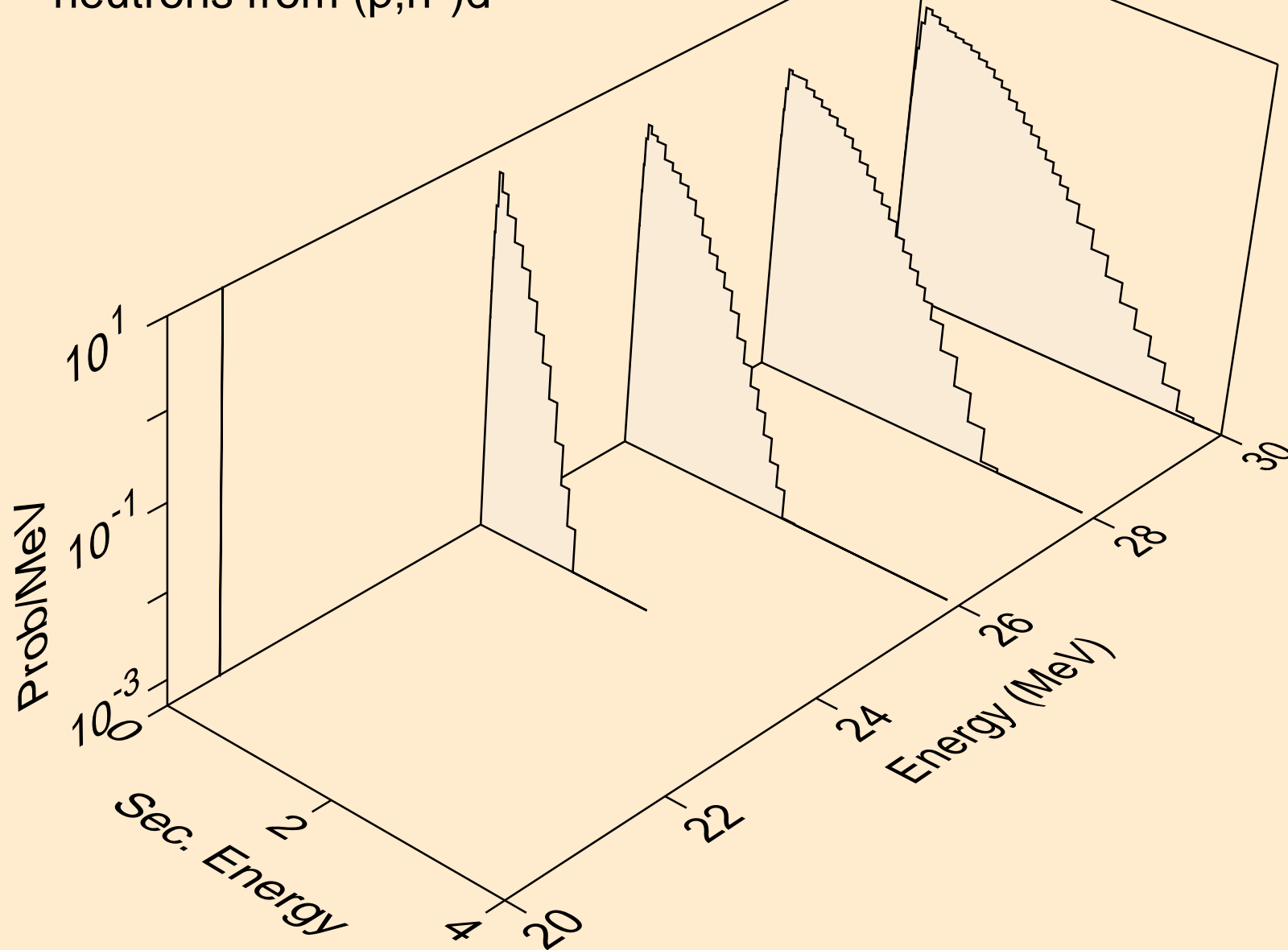
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neutrons from (p,n\*)p



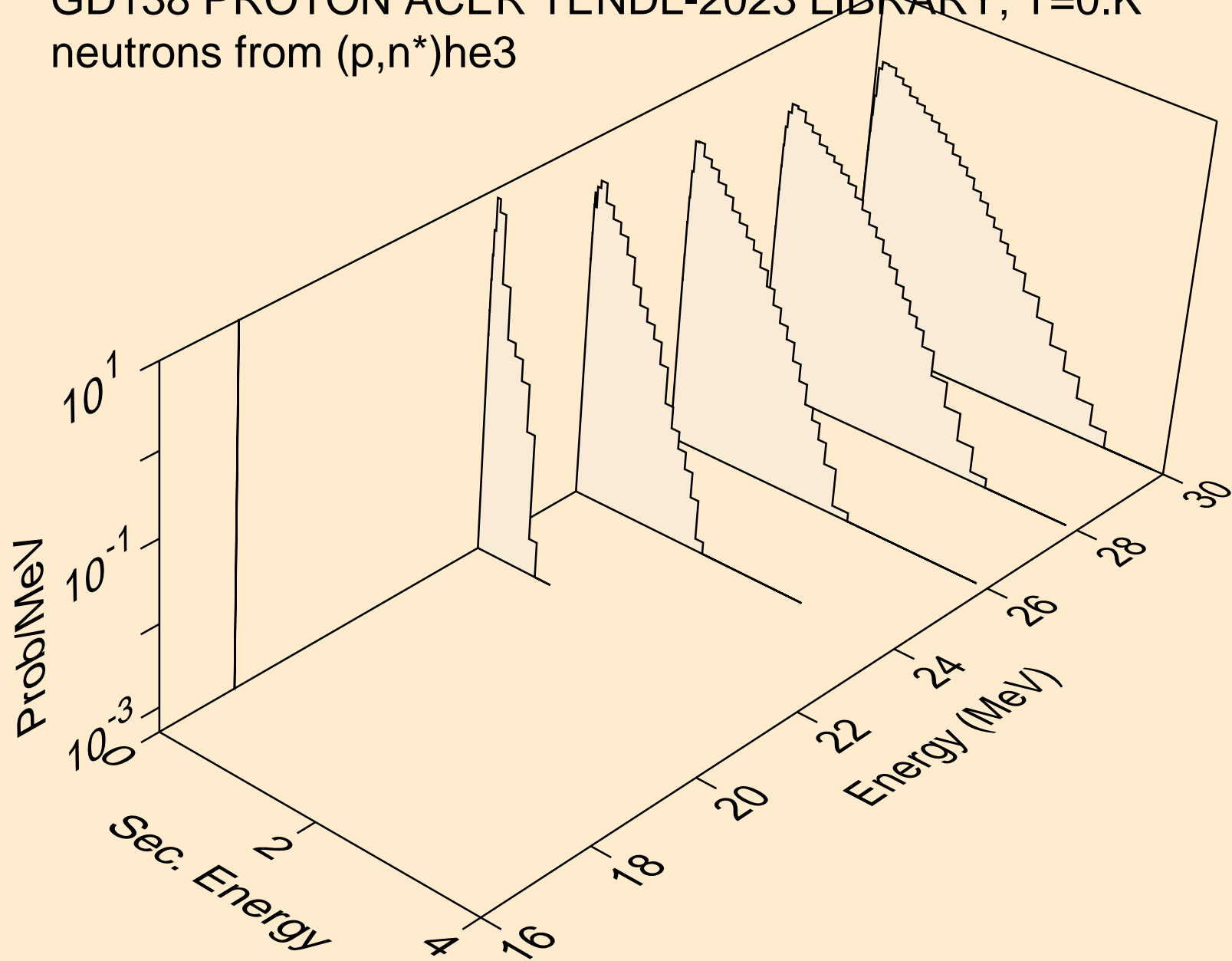
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neutrons from (p,n\*)2a



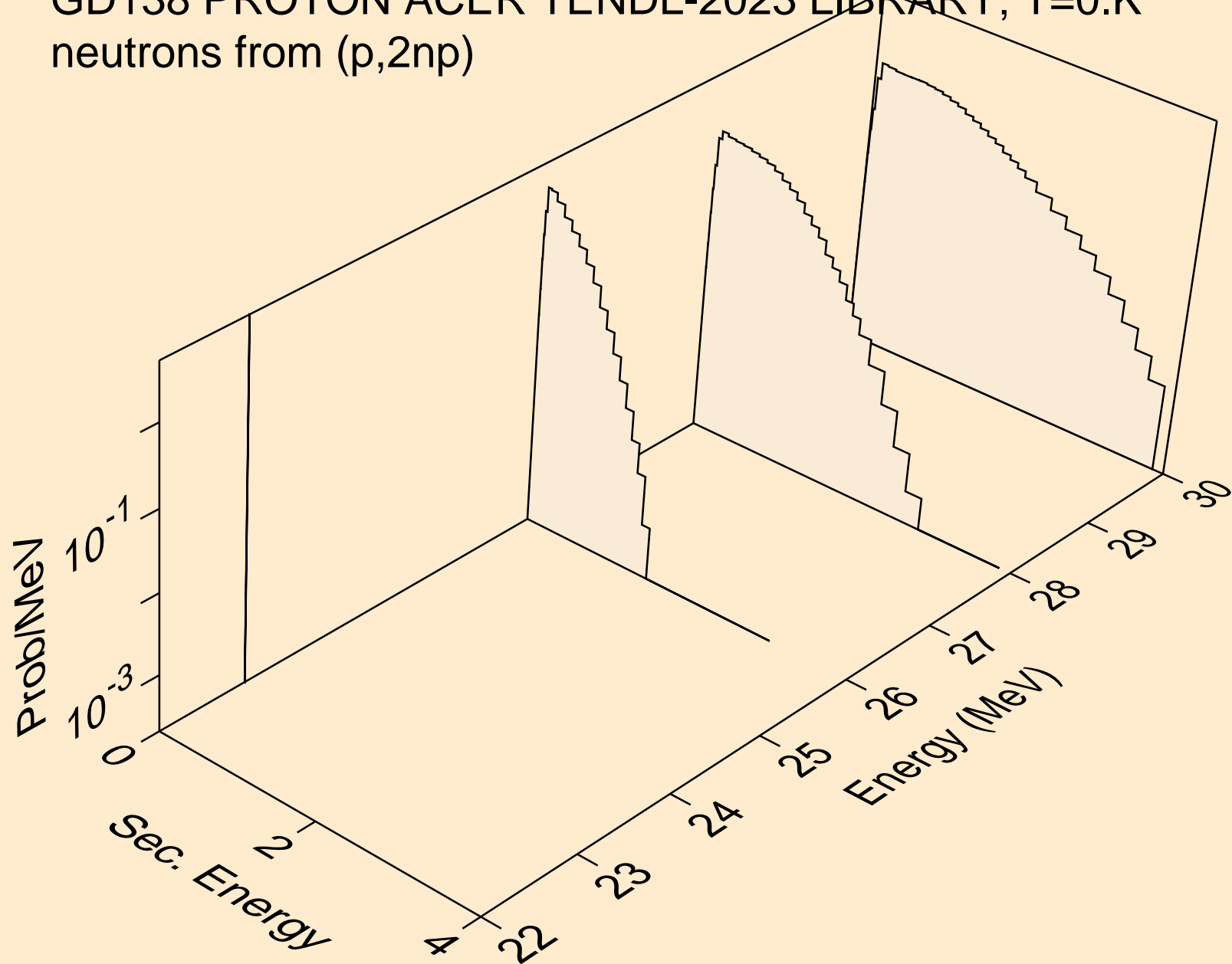
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



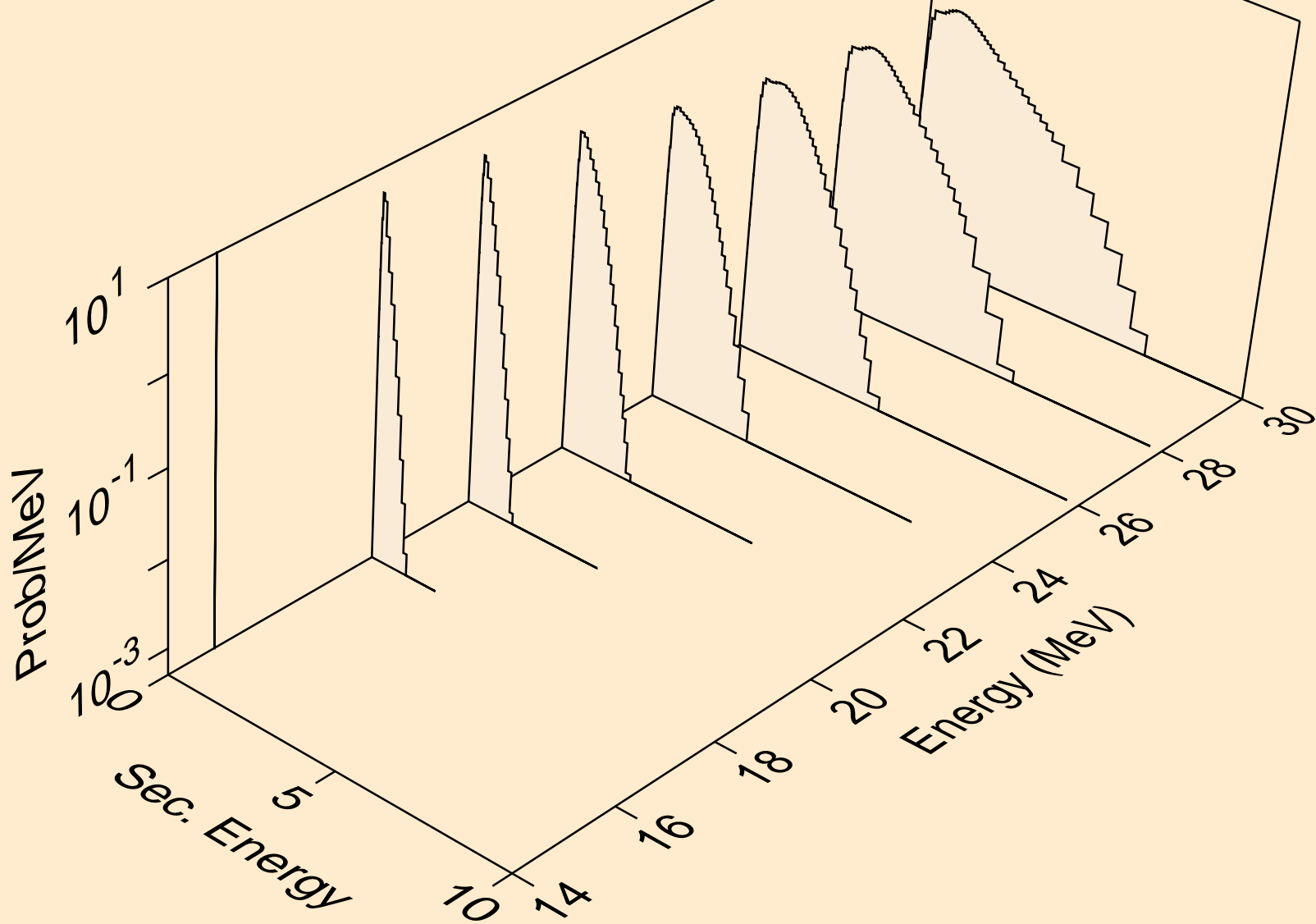
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neutrons from (p,n\*)he3



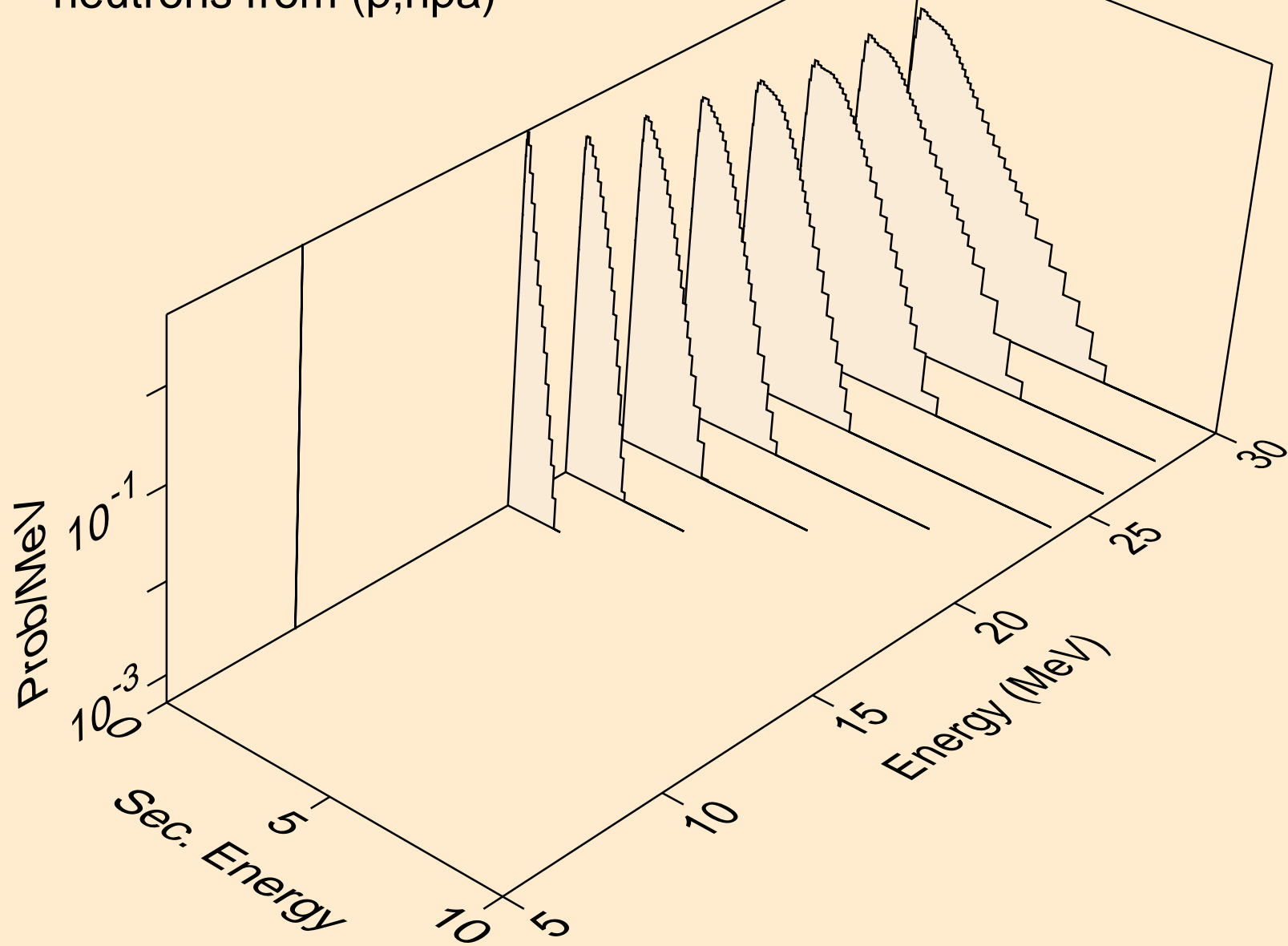
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



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

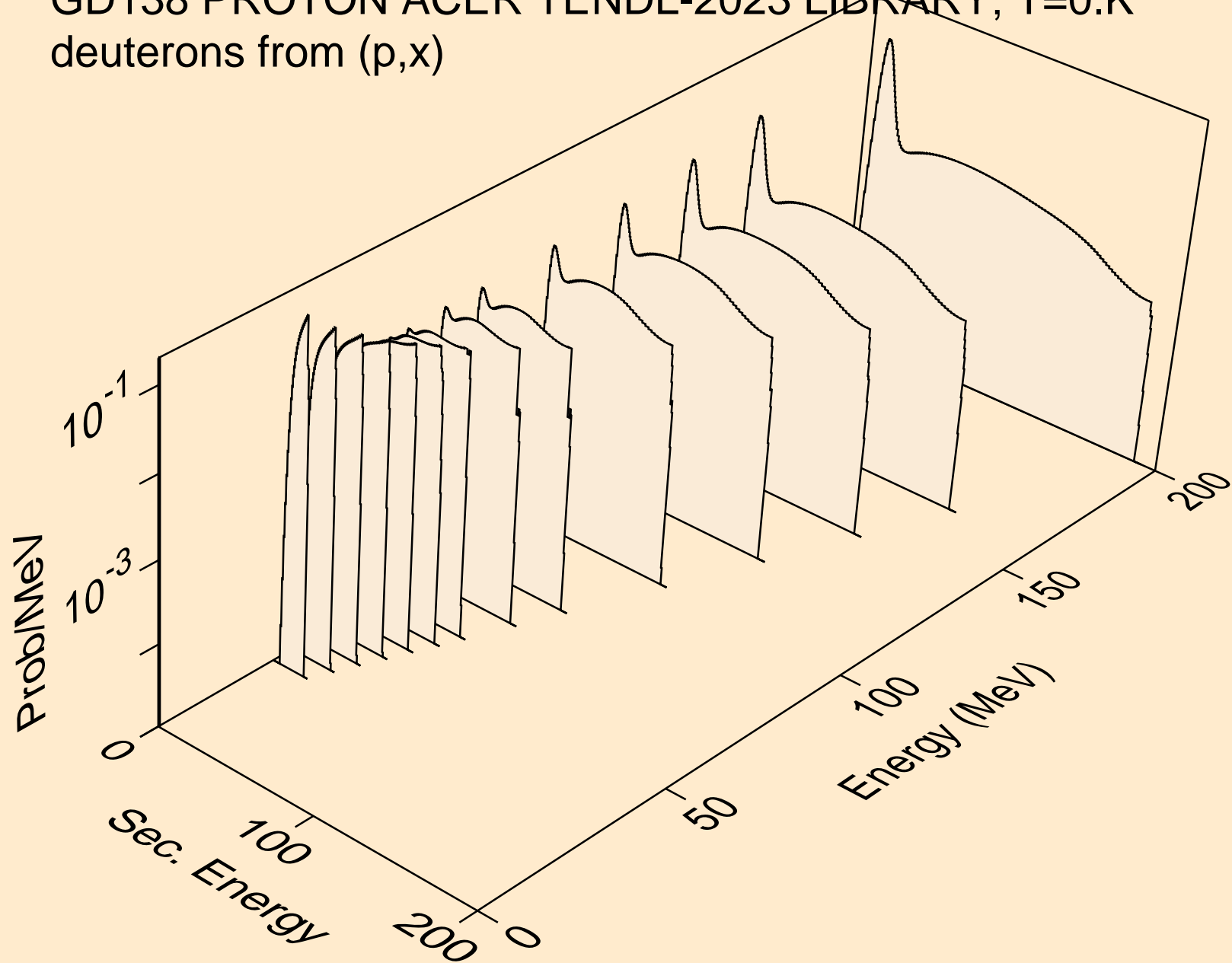


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neutrons from (p,npa)

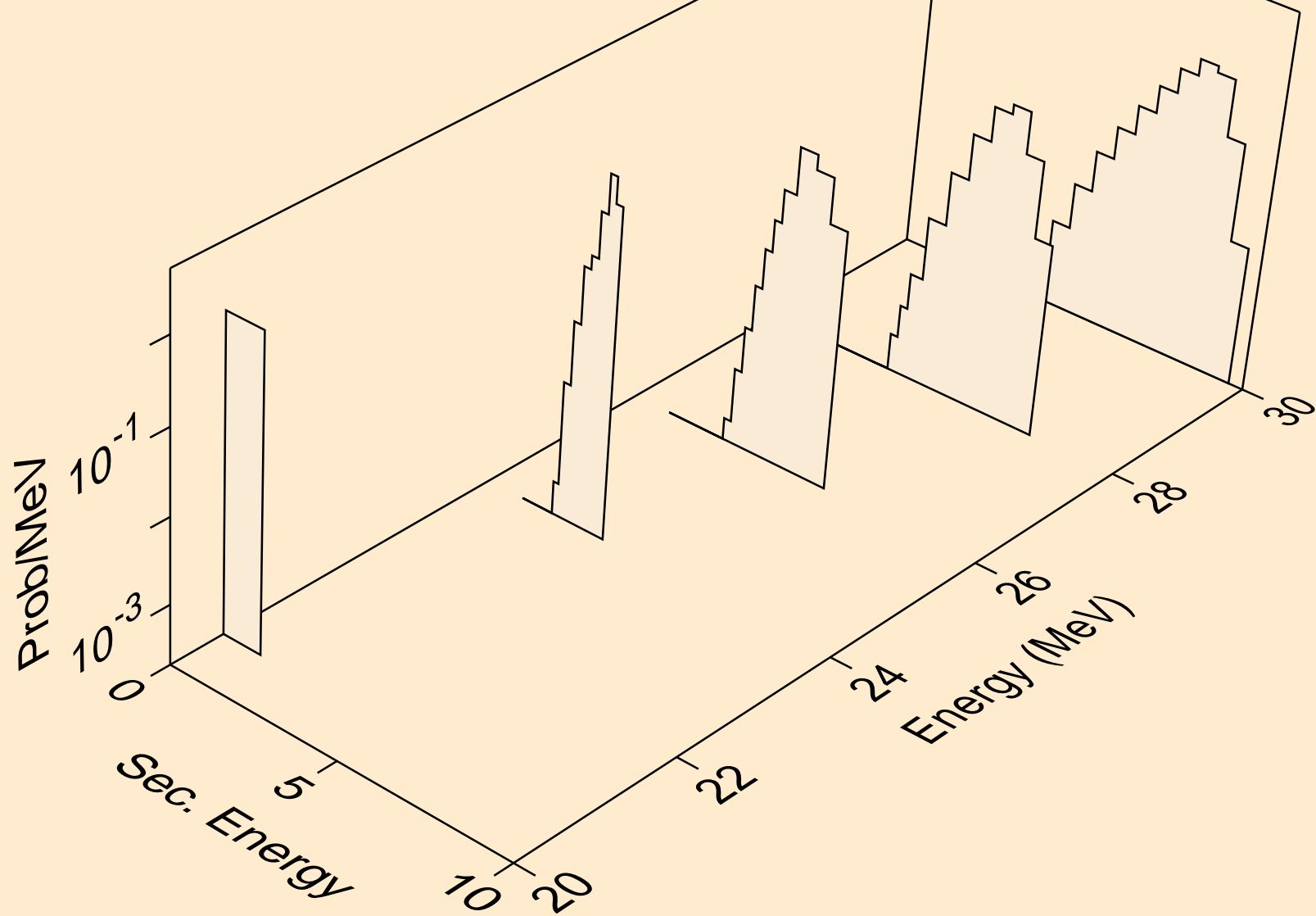




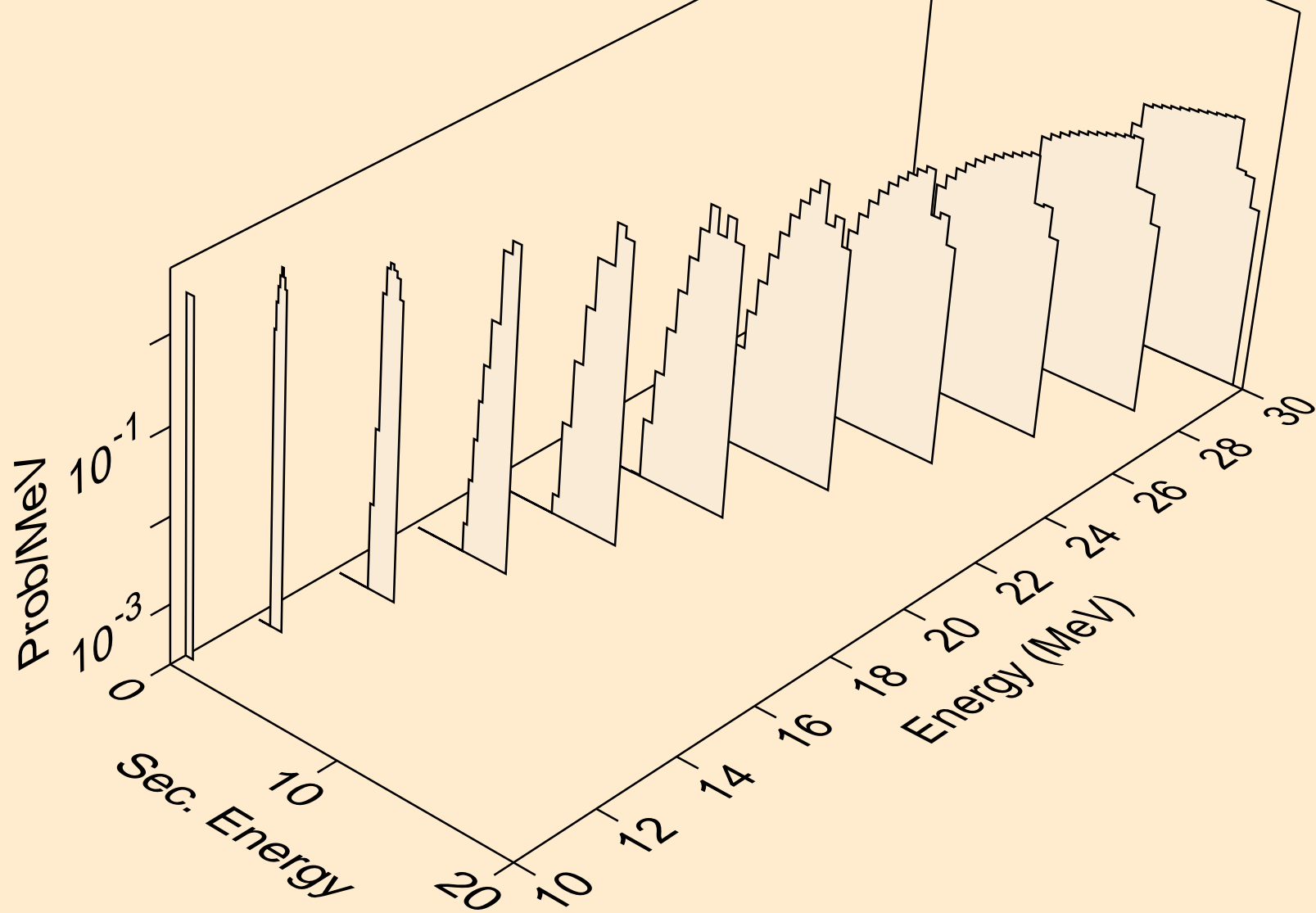
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deuterons from (p,x)



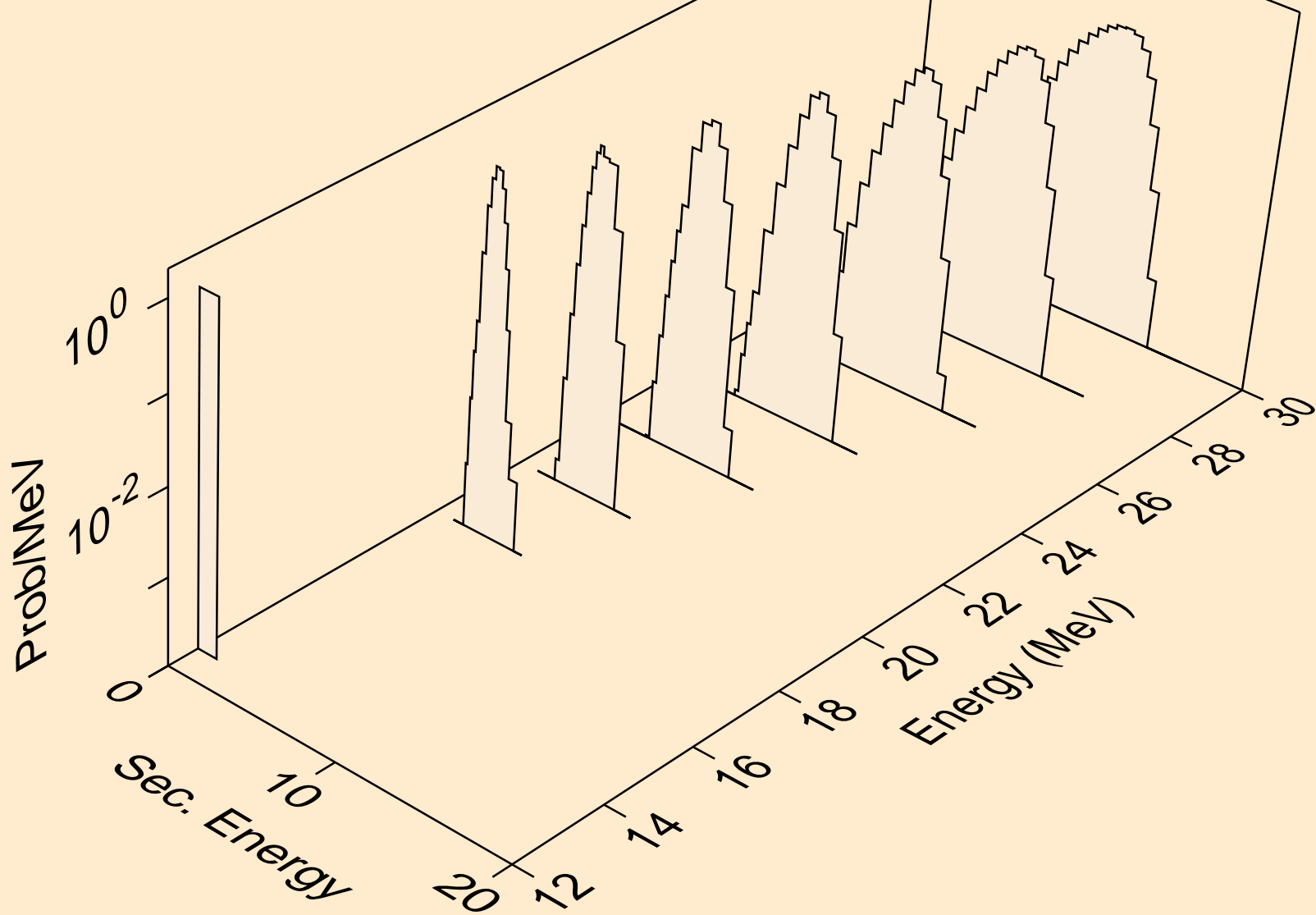
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deuterons from (p,n\*)d



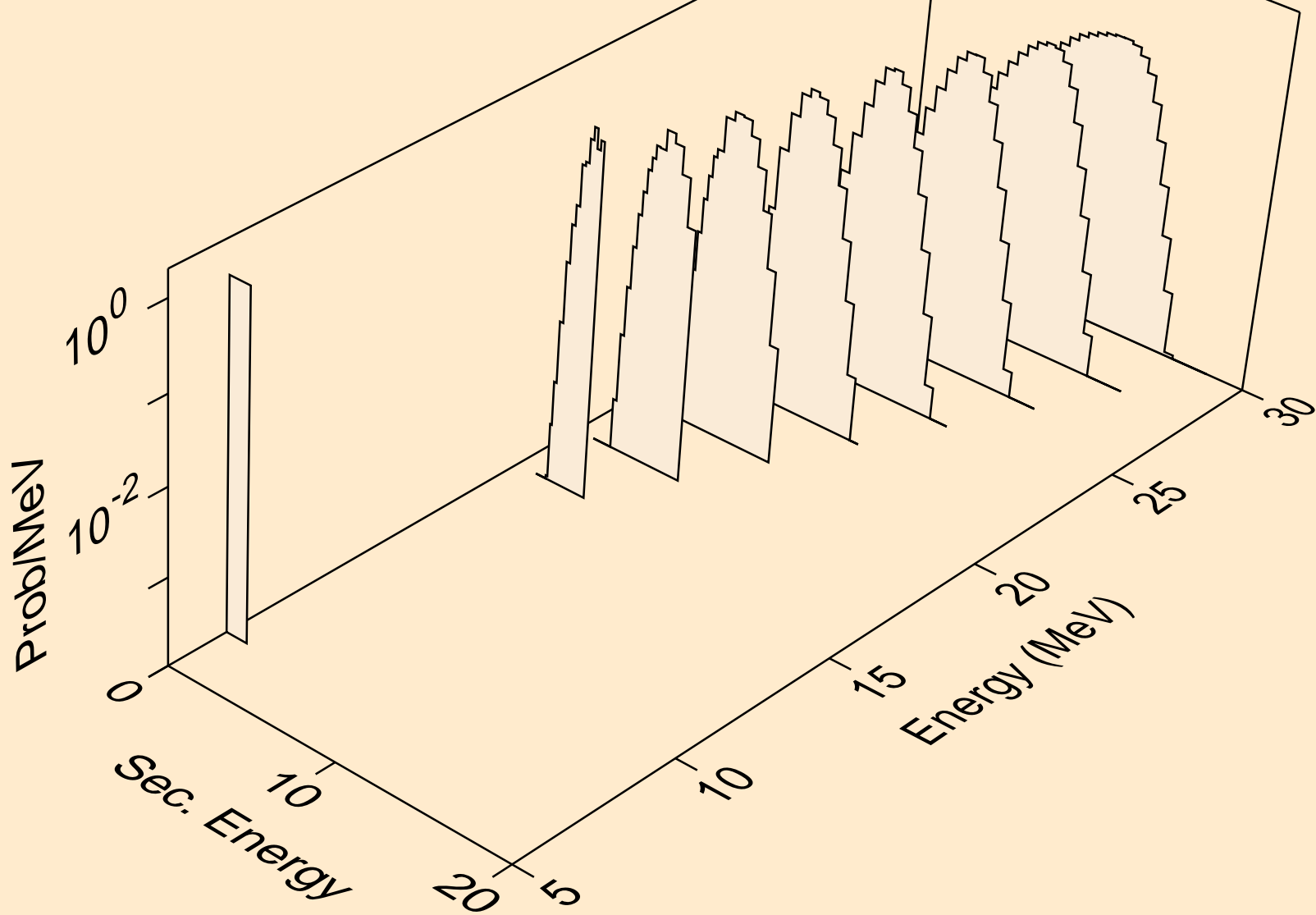
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deuterons from (p,d)



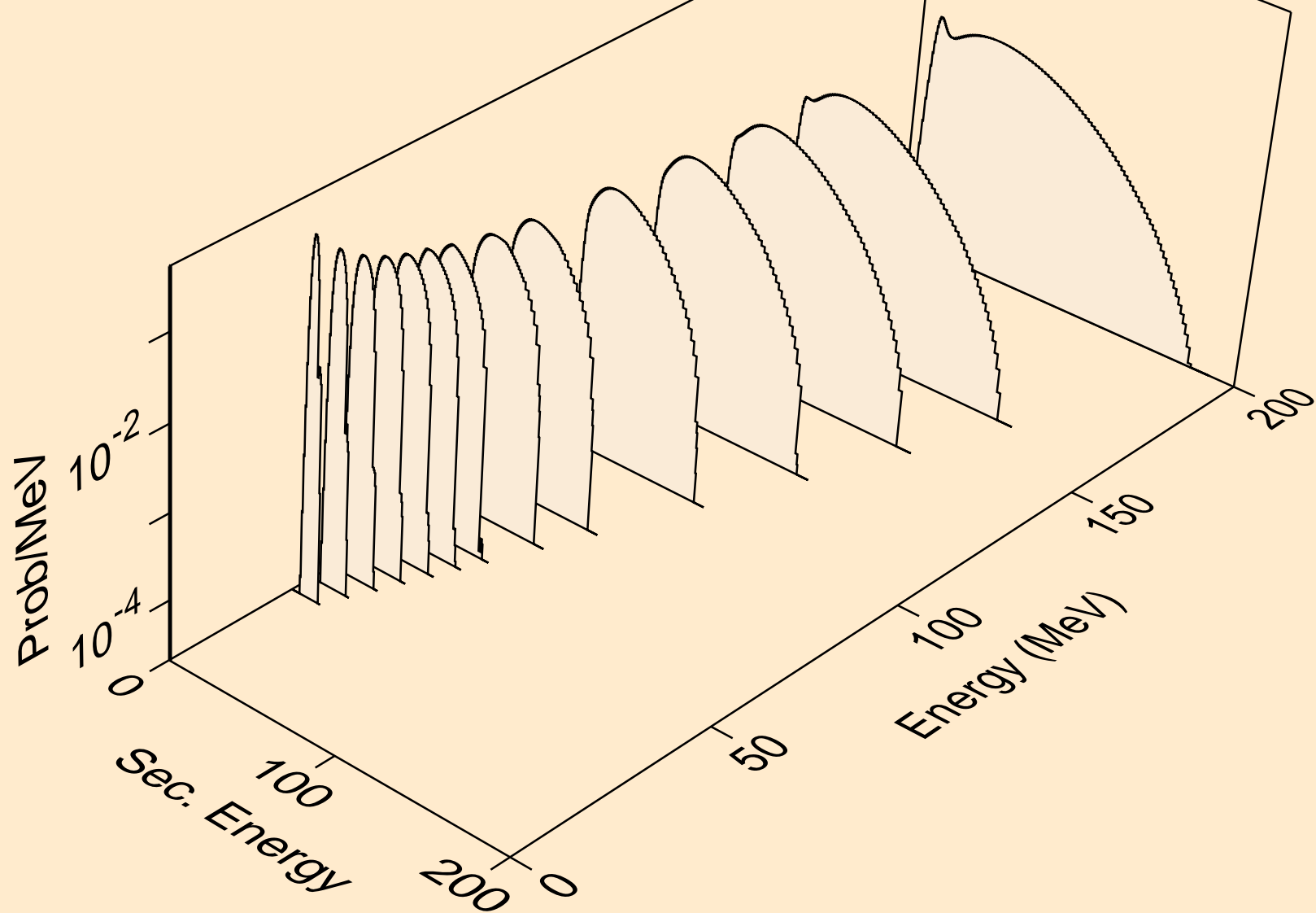
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deuterons from (p,pd)



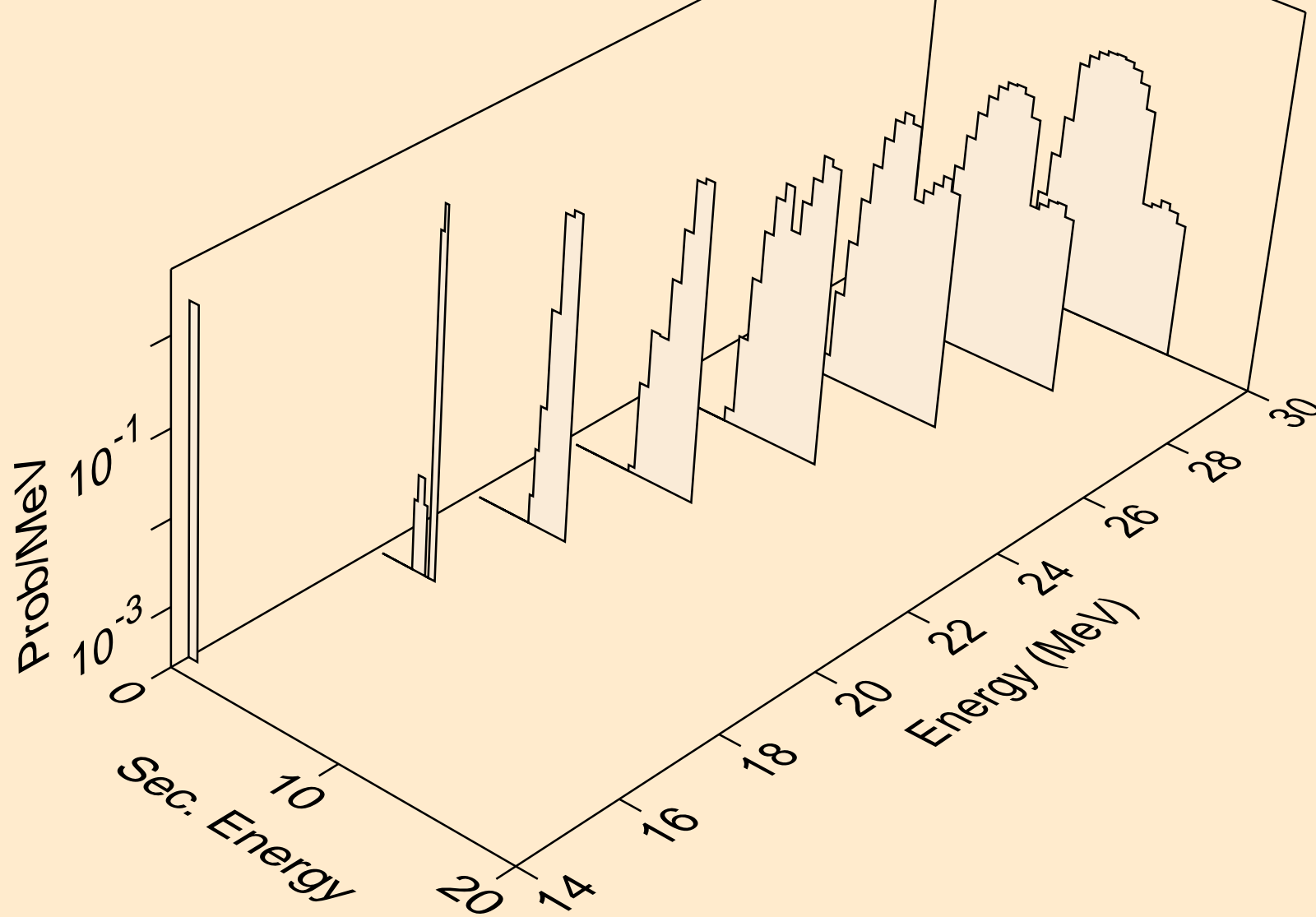
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deuterons from (p,da)



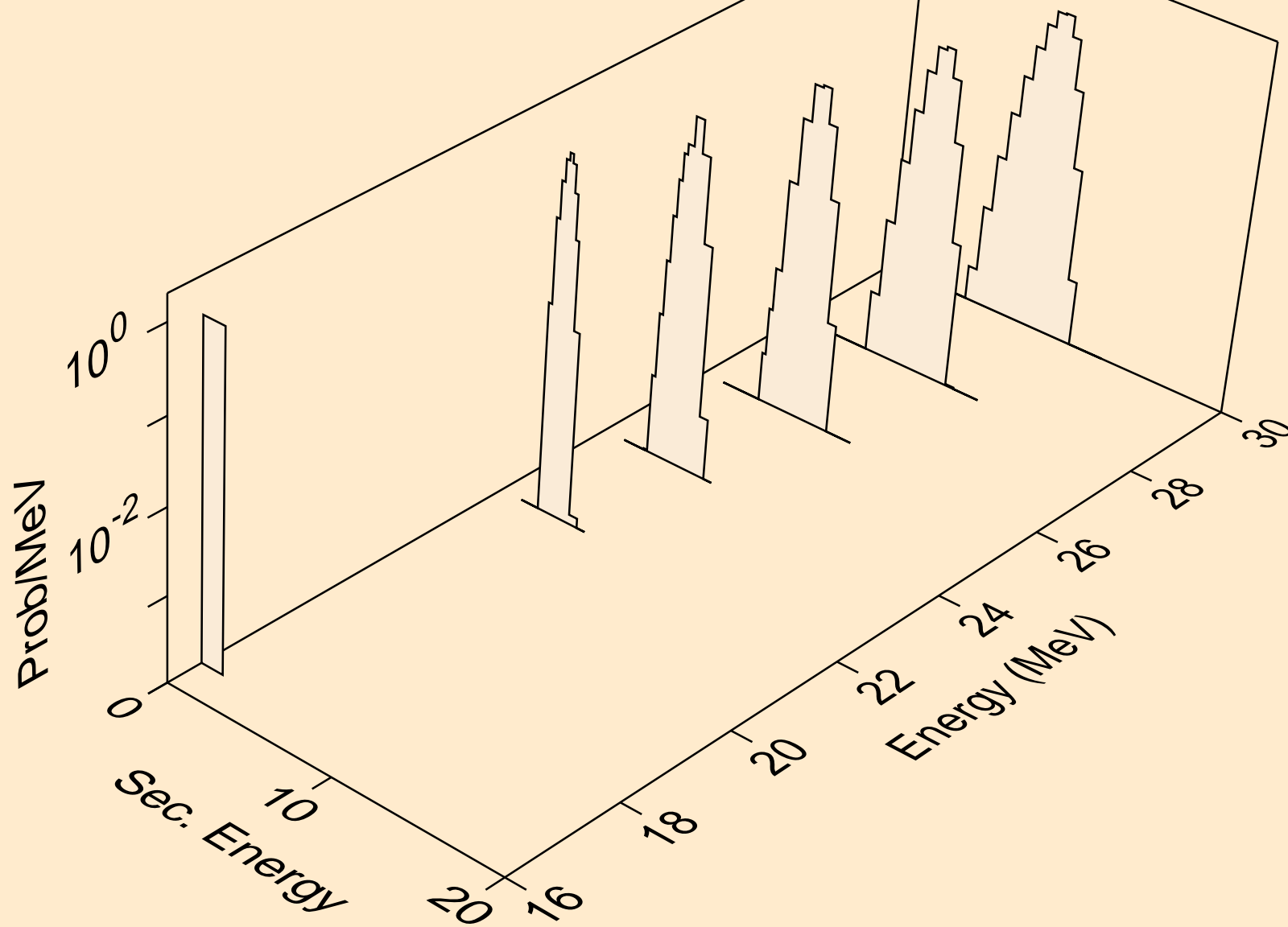
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



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

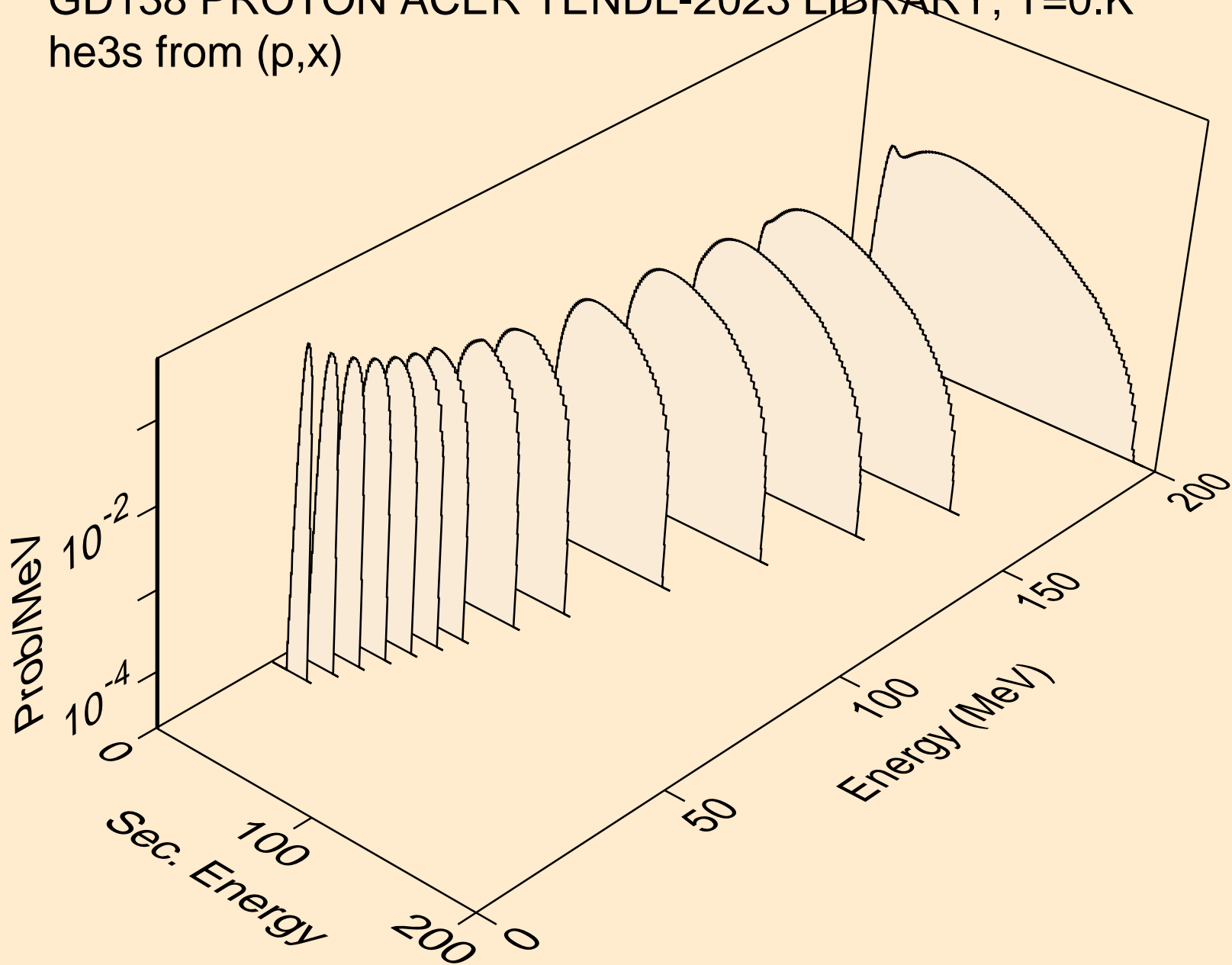


GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)

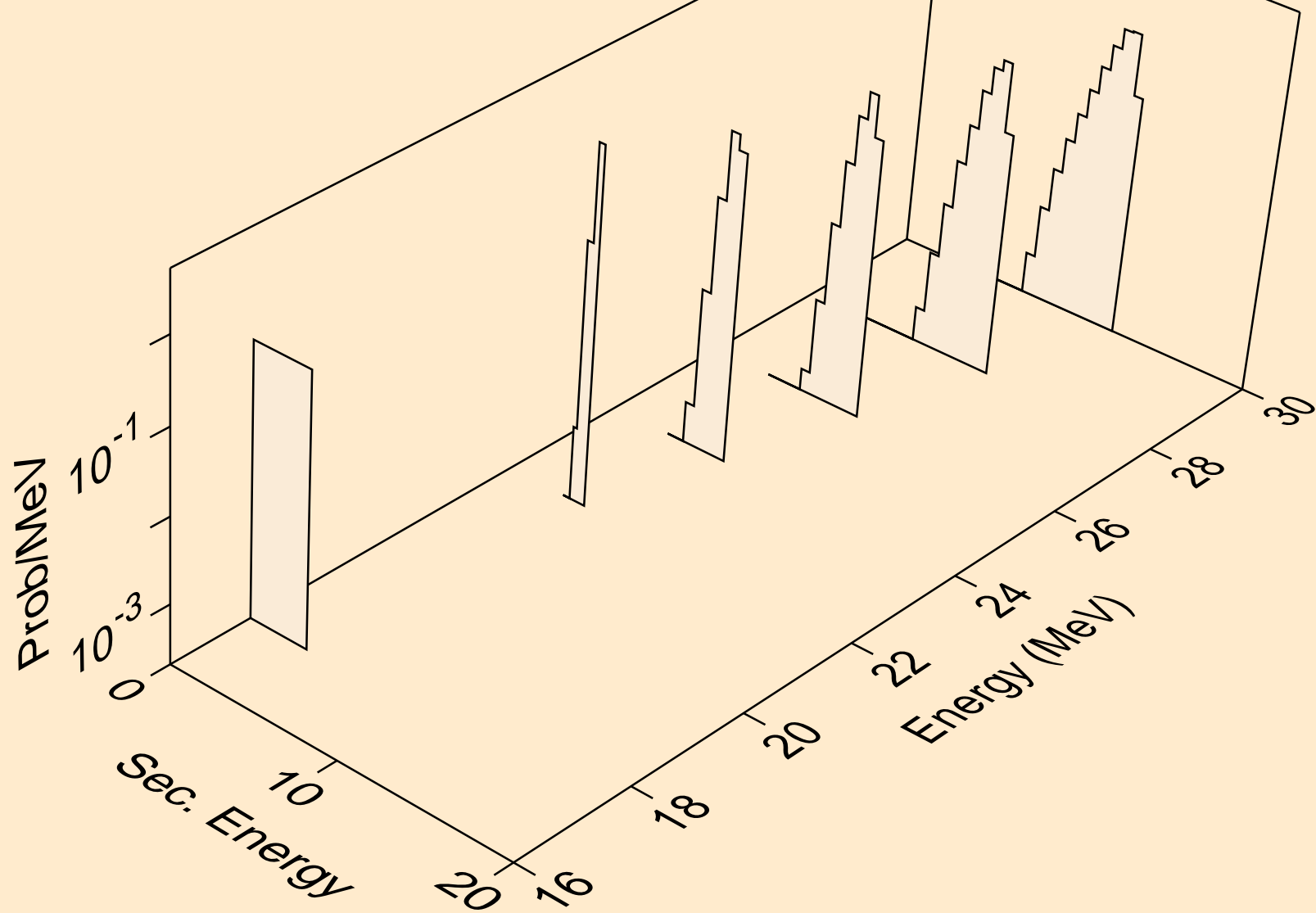




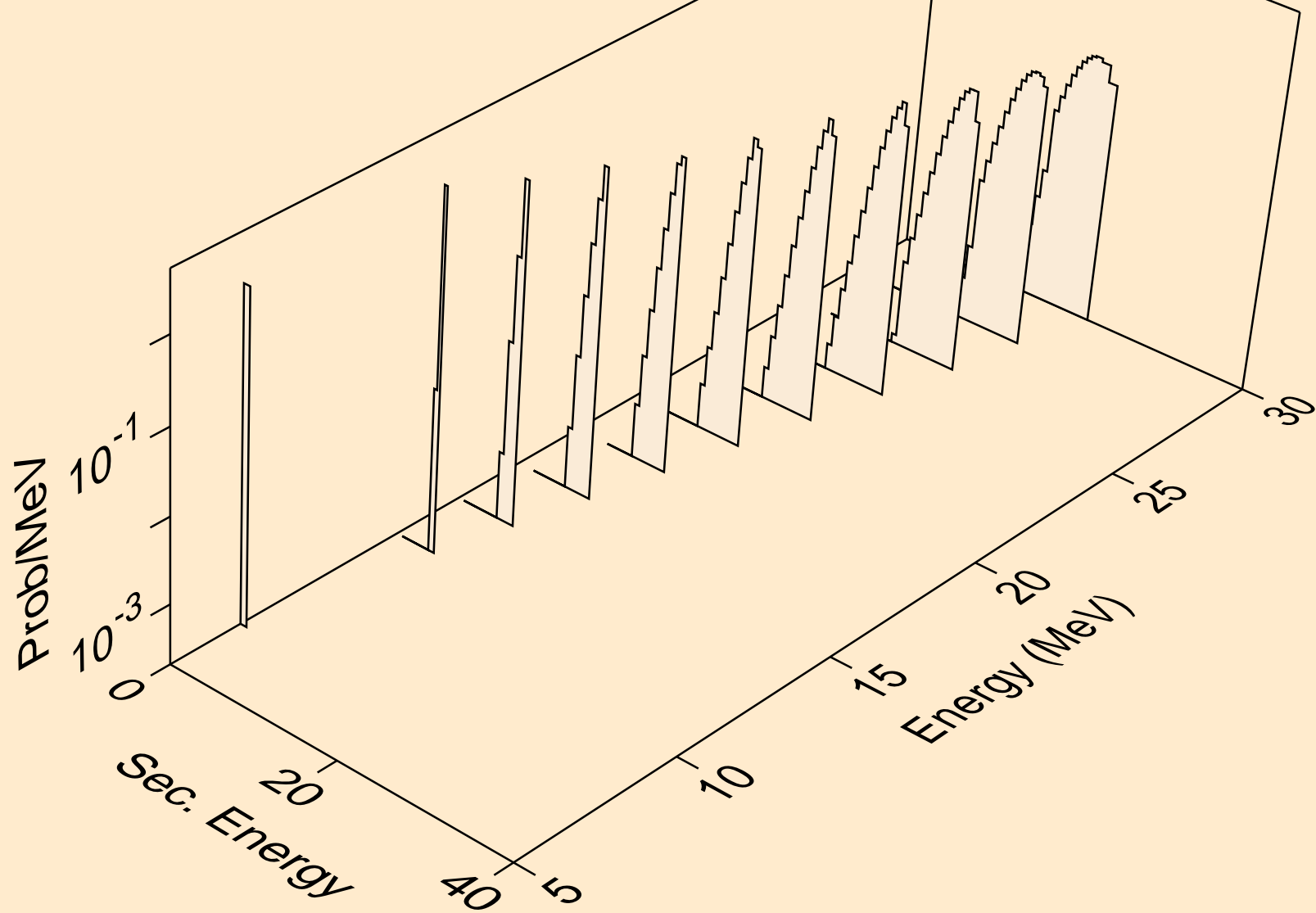
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



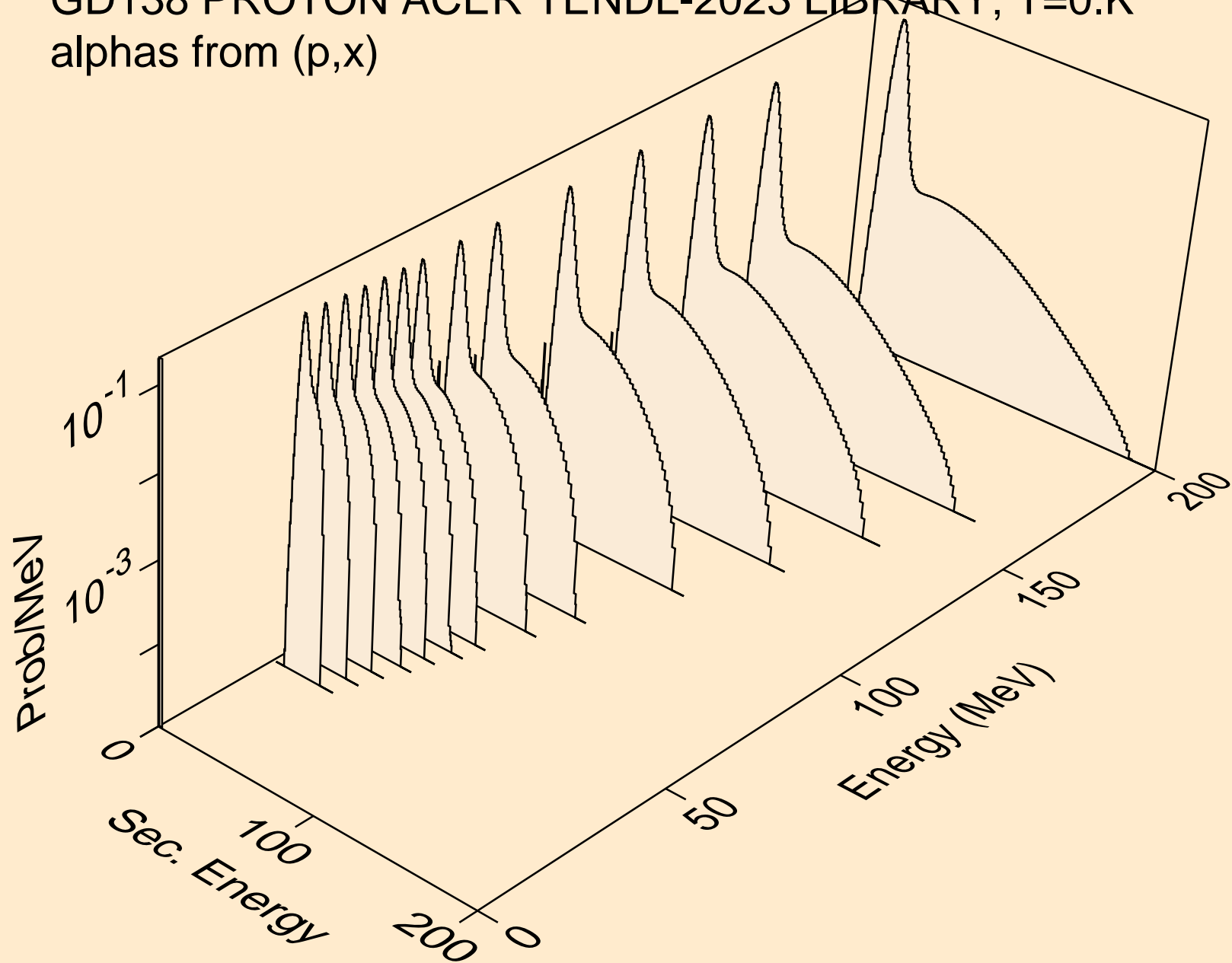
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



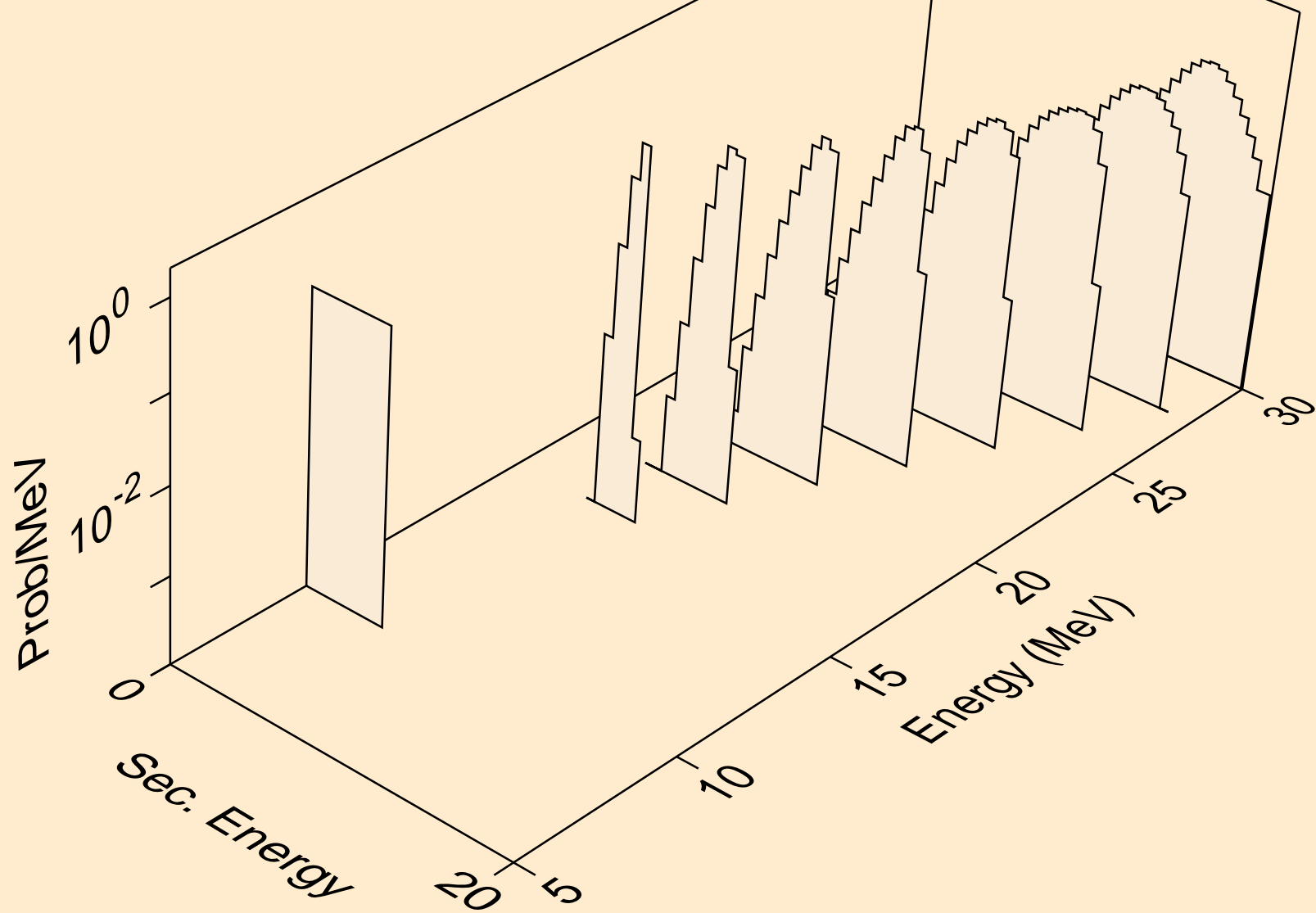
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



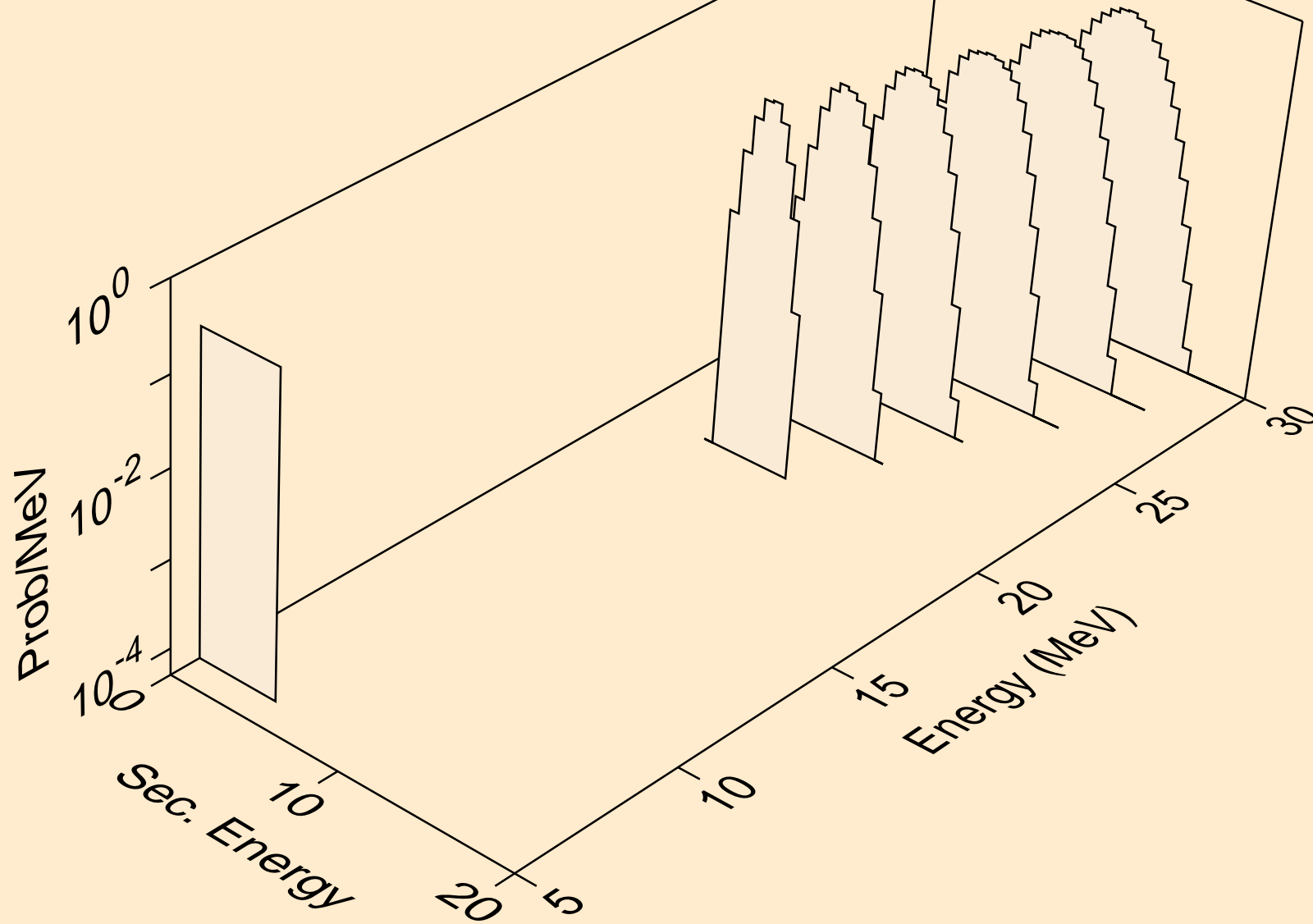
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



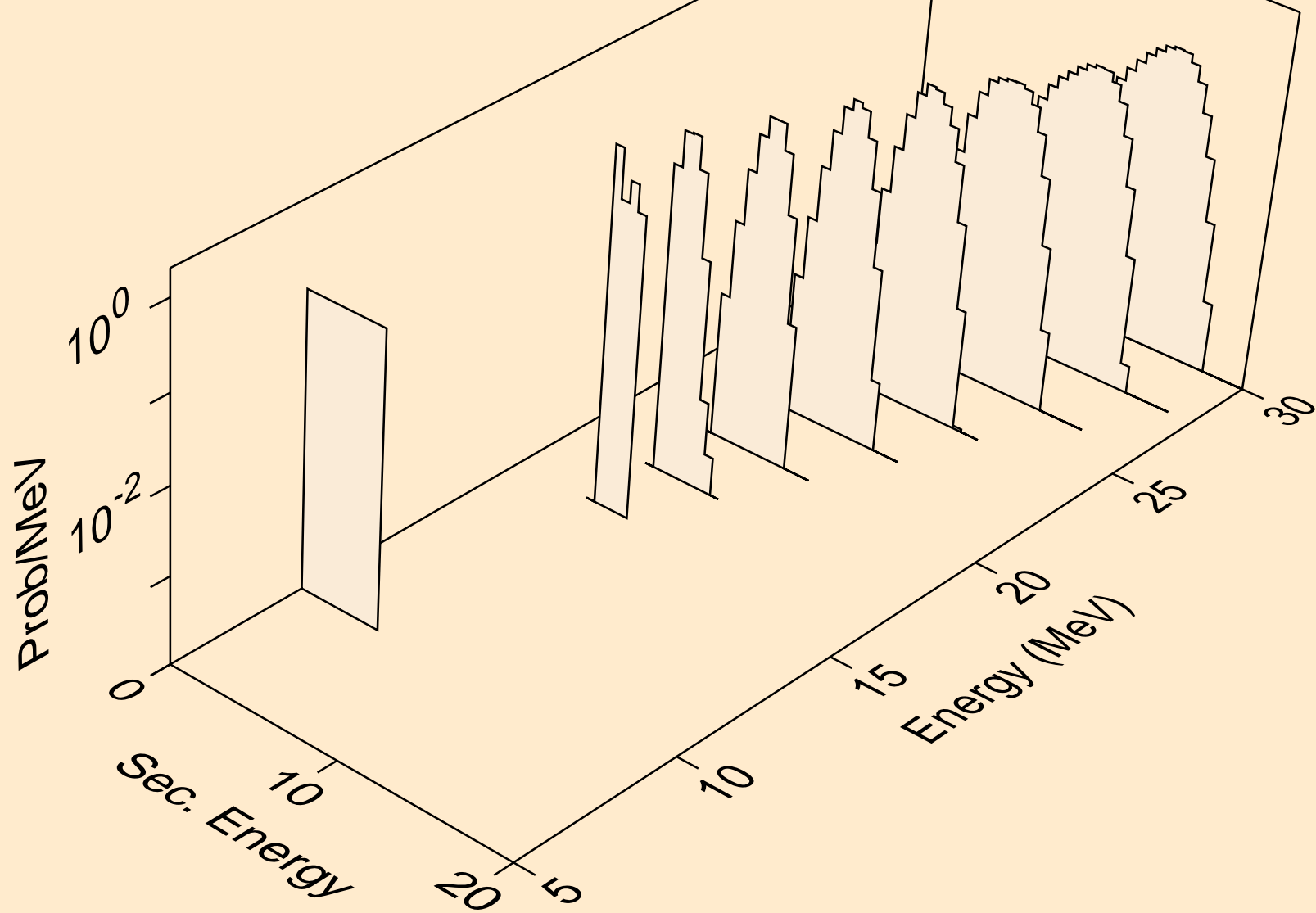
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



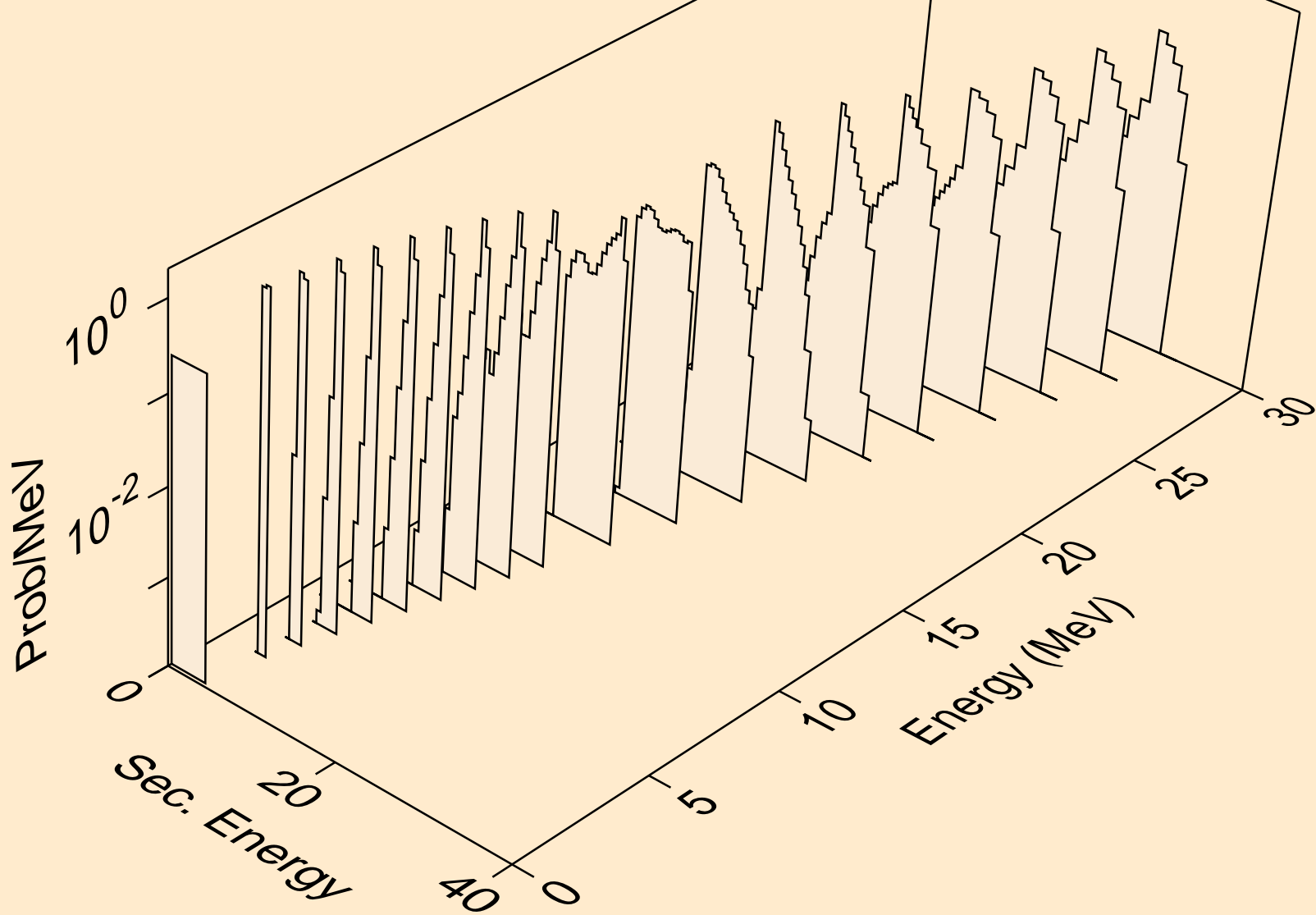
GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)

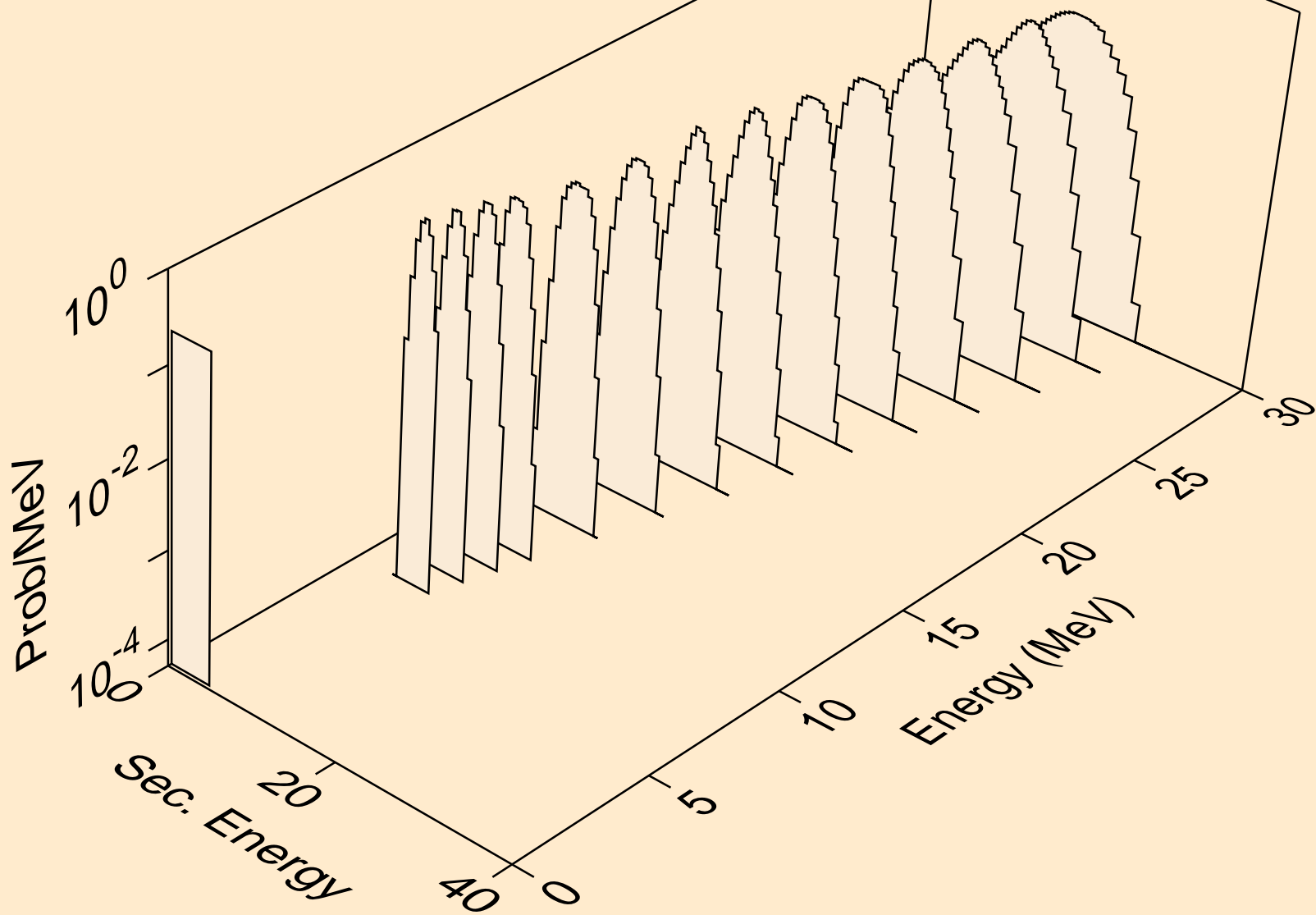


GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

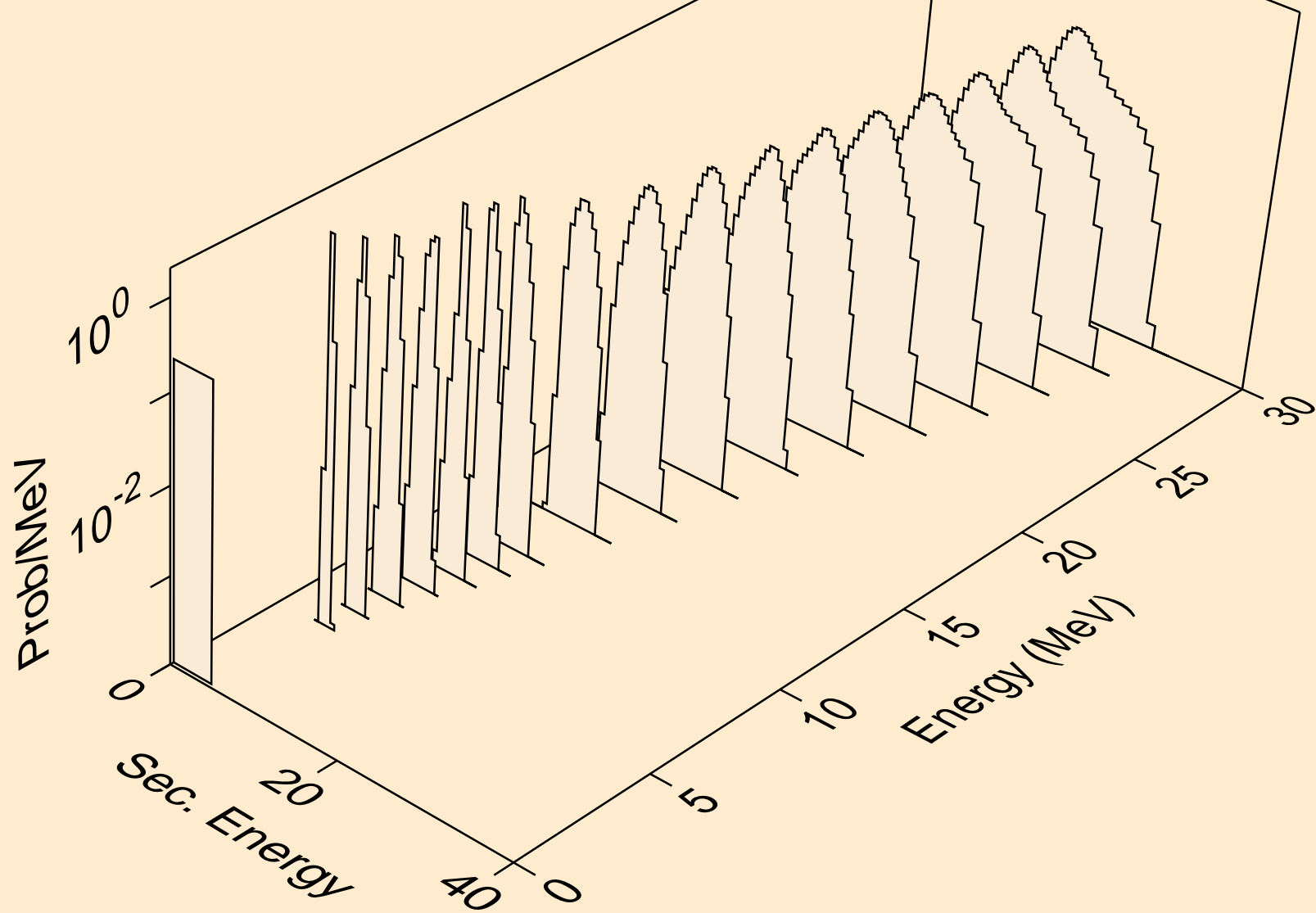




GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



GD138 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

