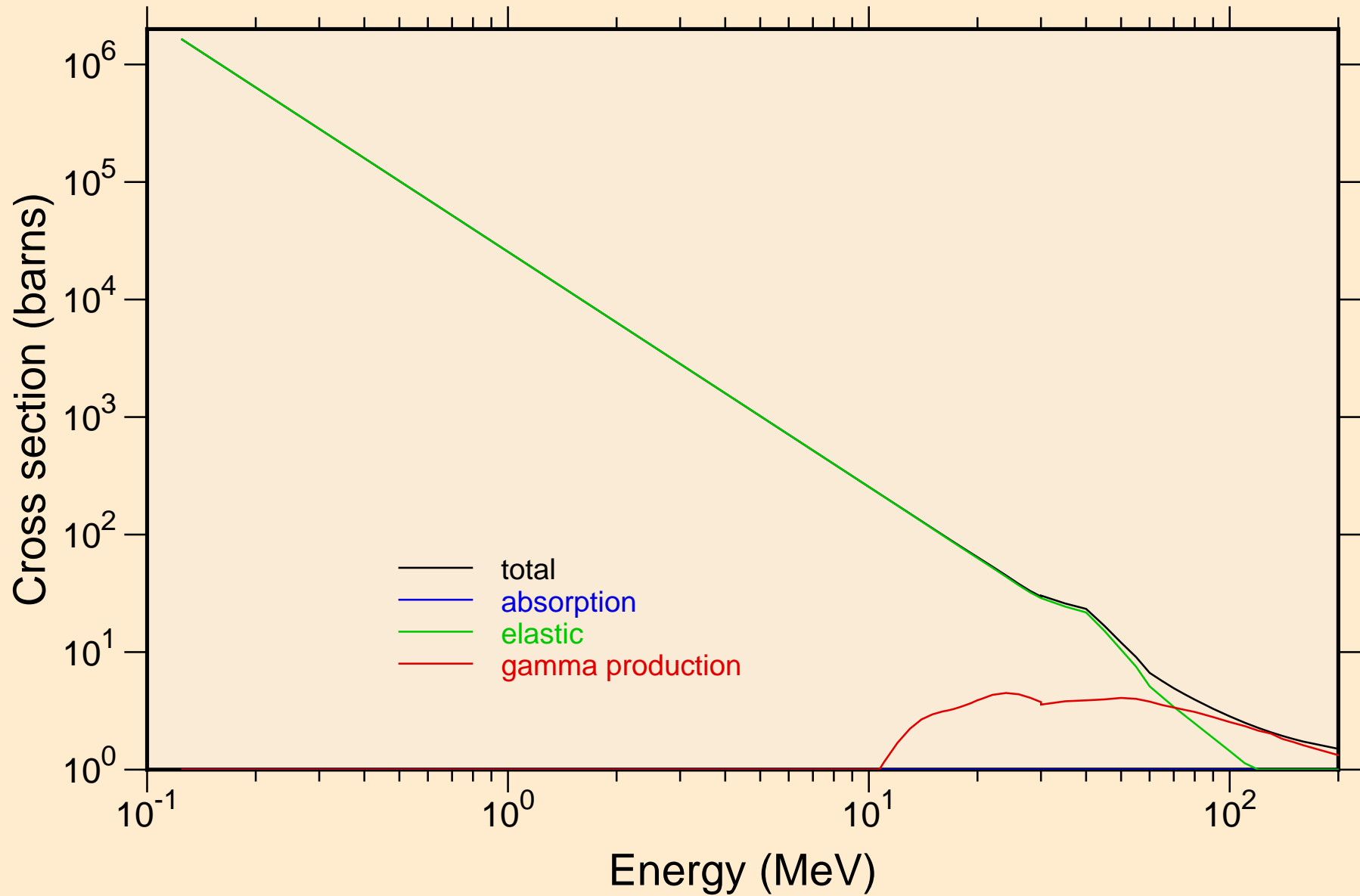
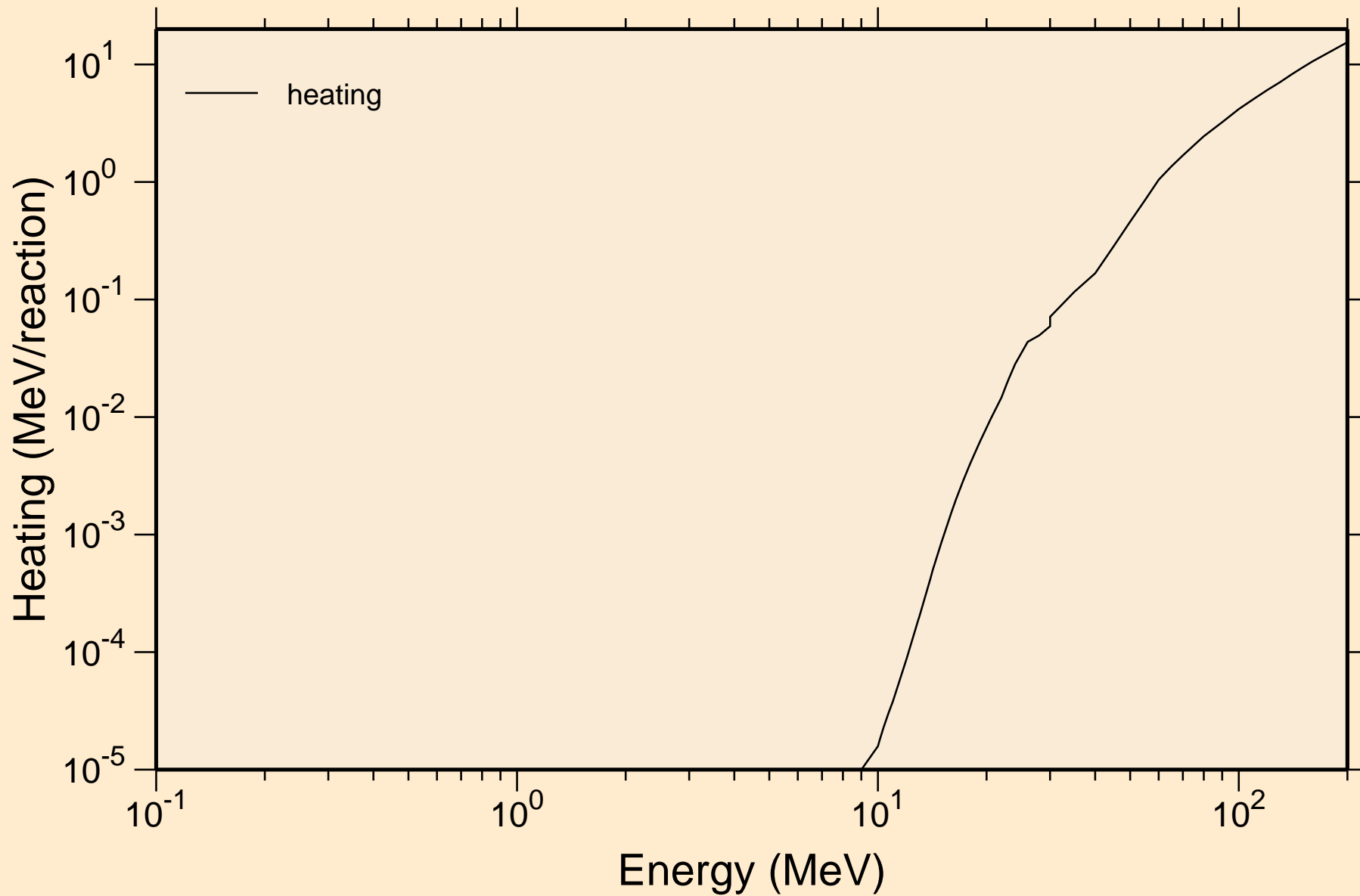


# GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

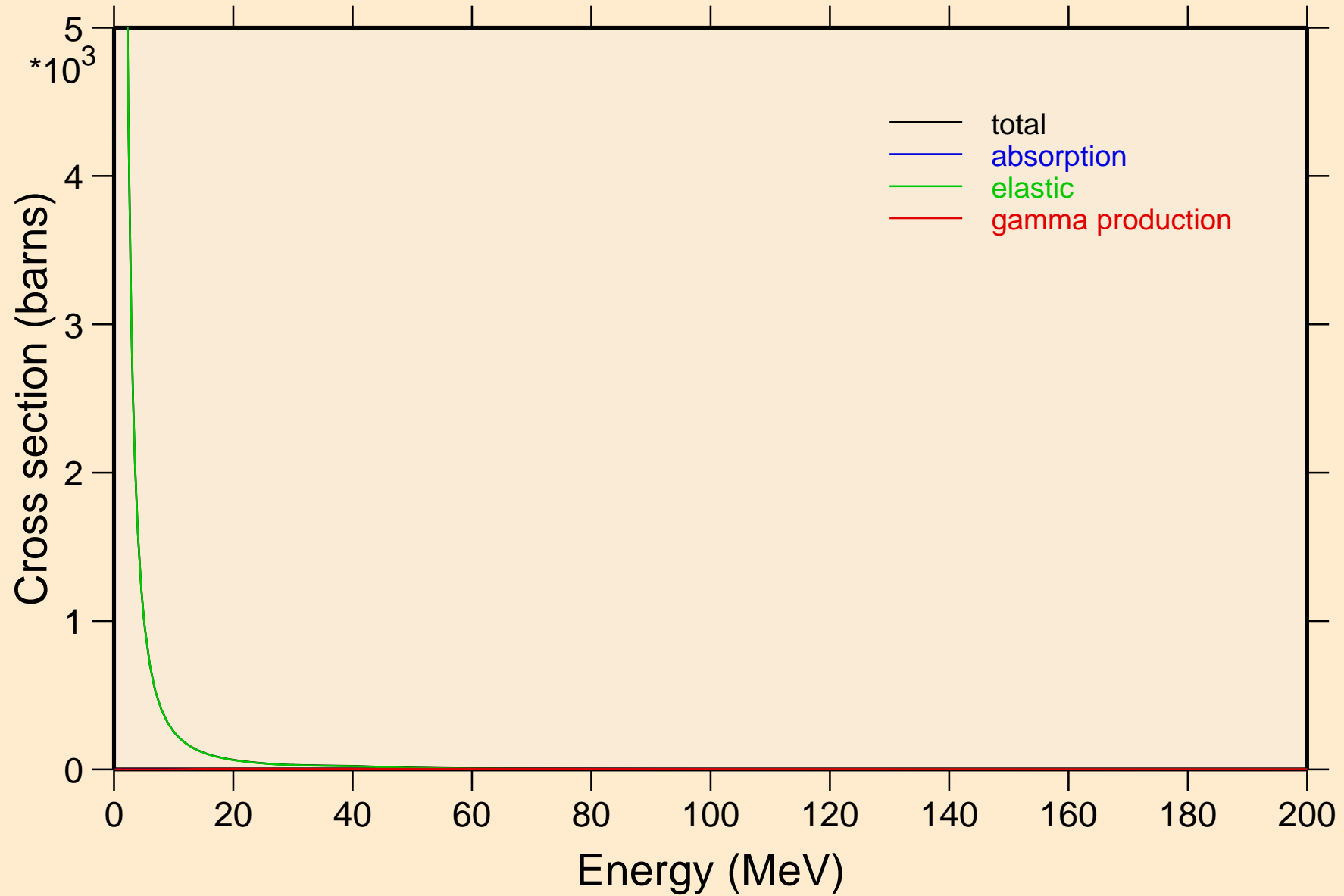


GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating



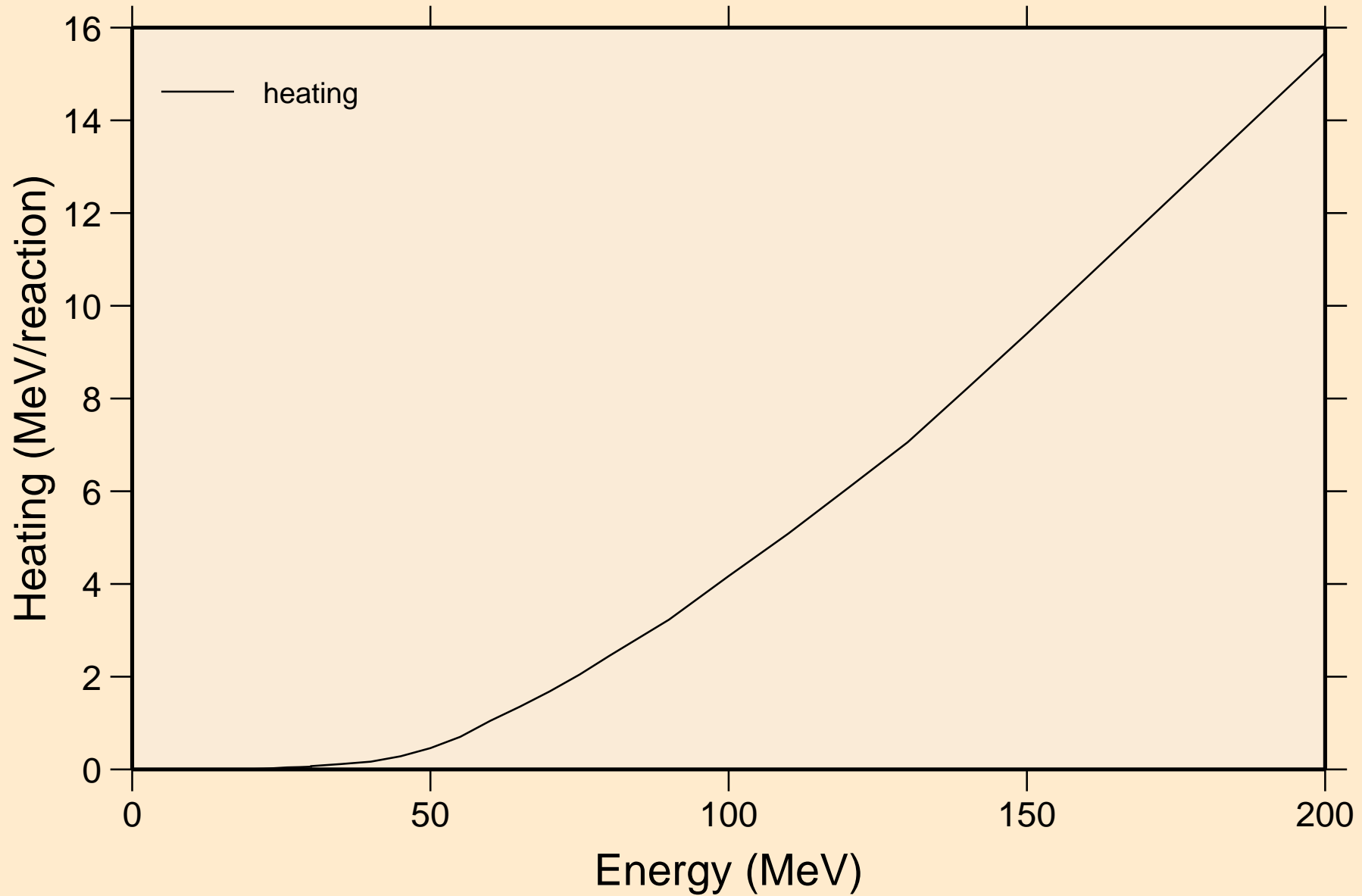
# GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



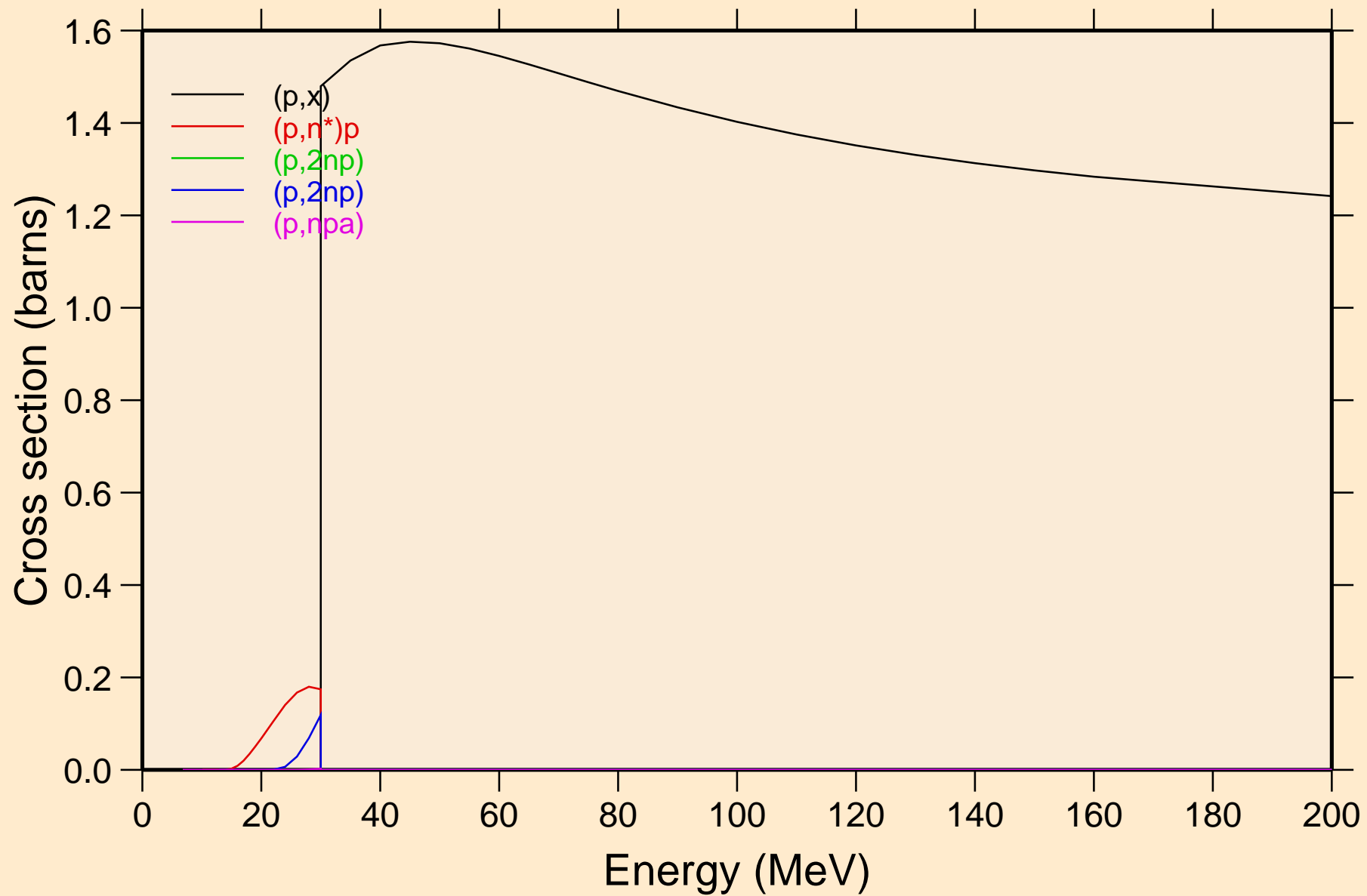
# GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



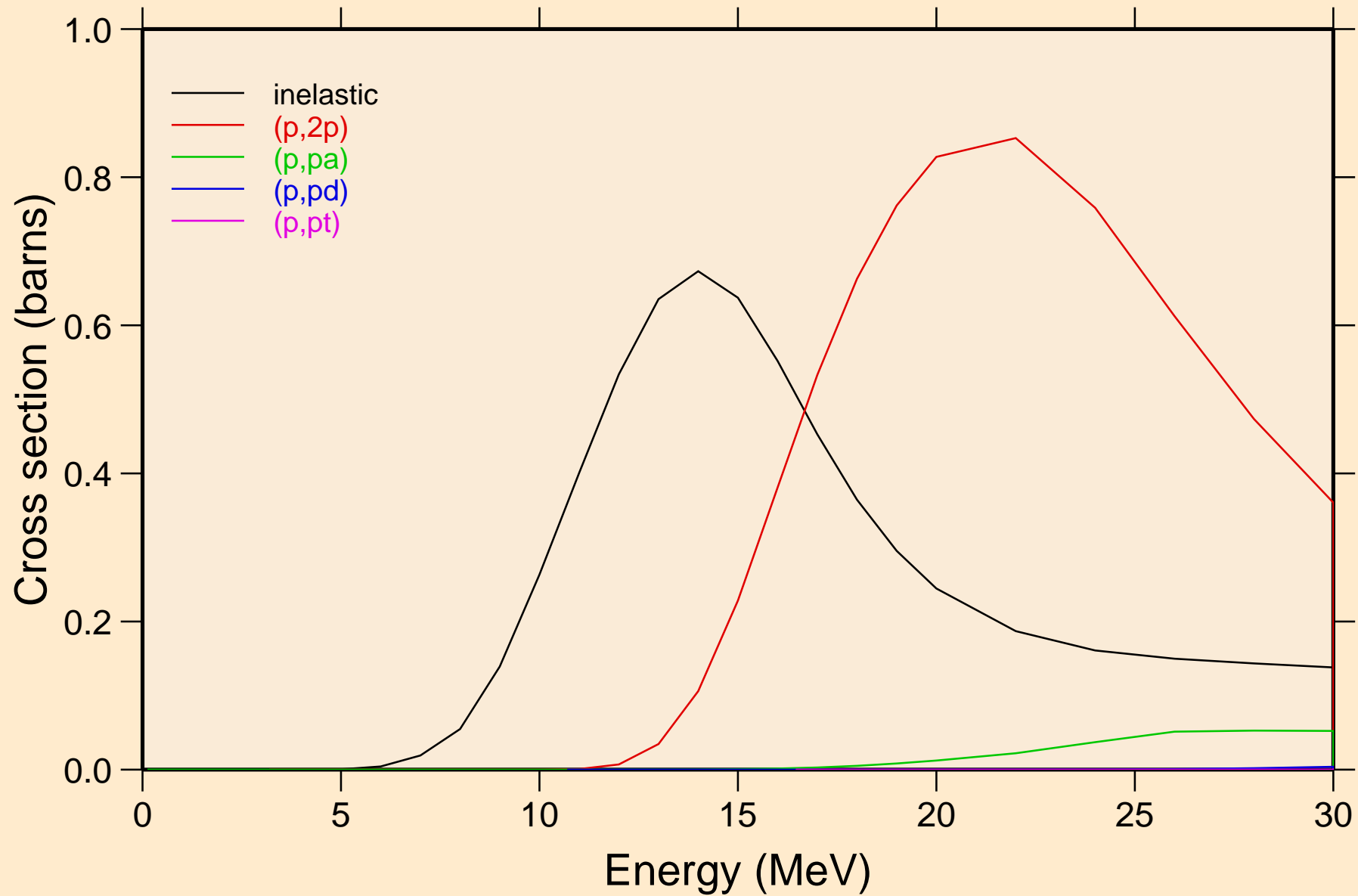
# GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

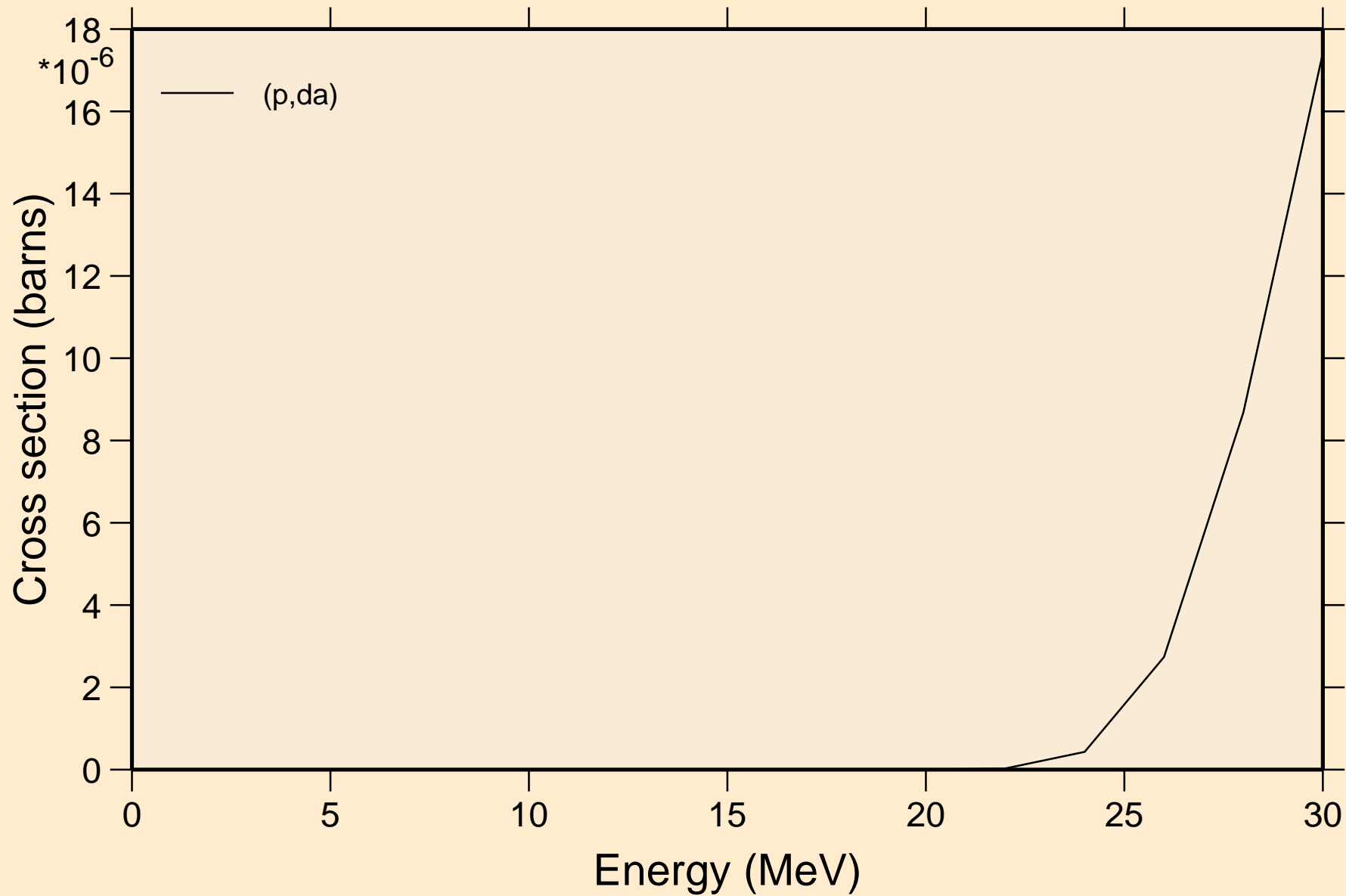


# GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K

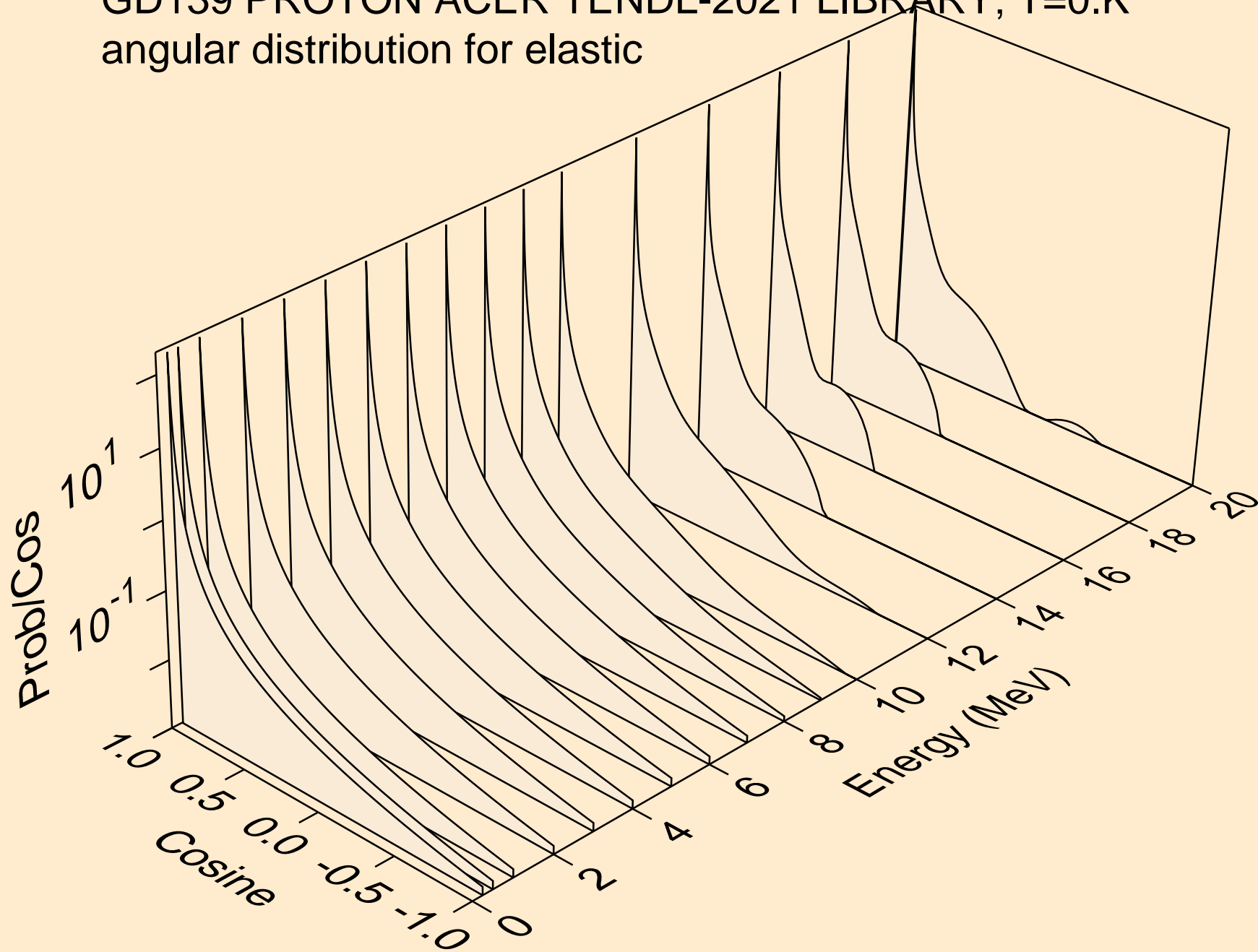
## Threshold reactions



GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

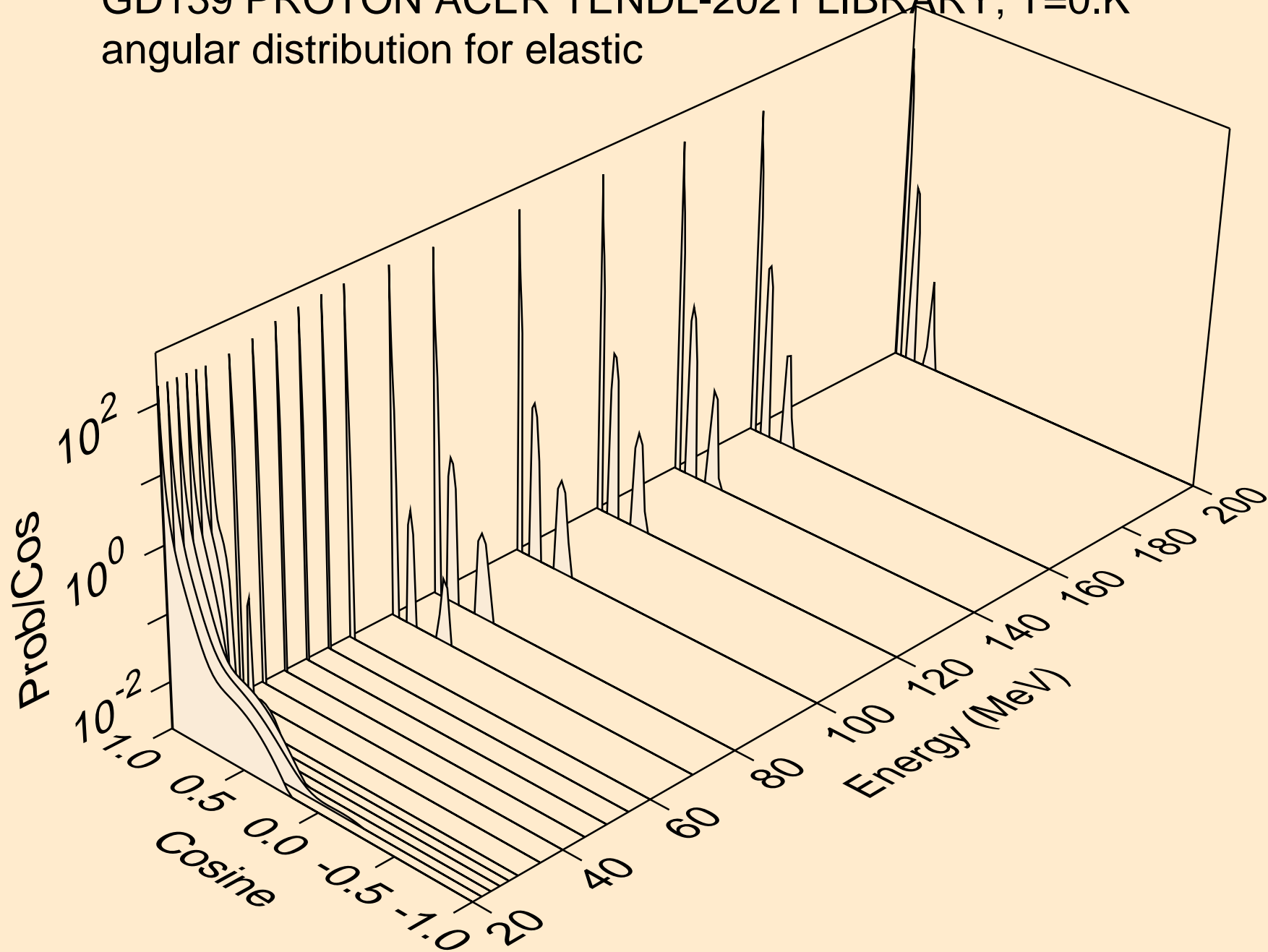


GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

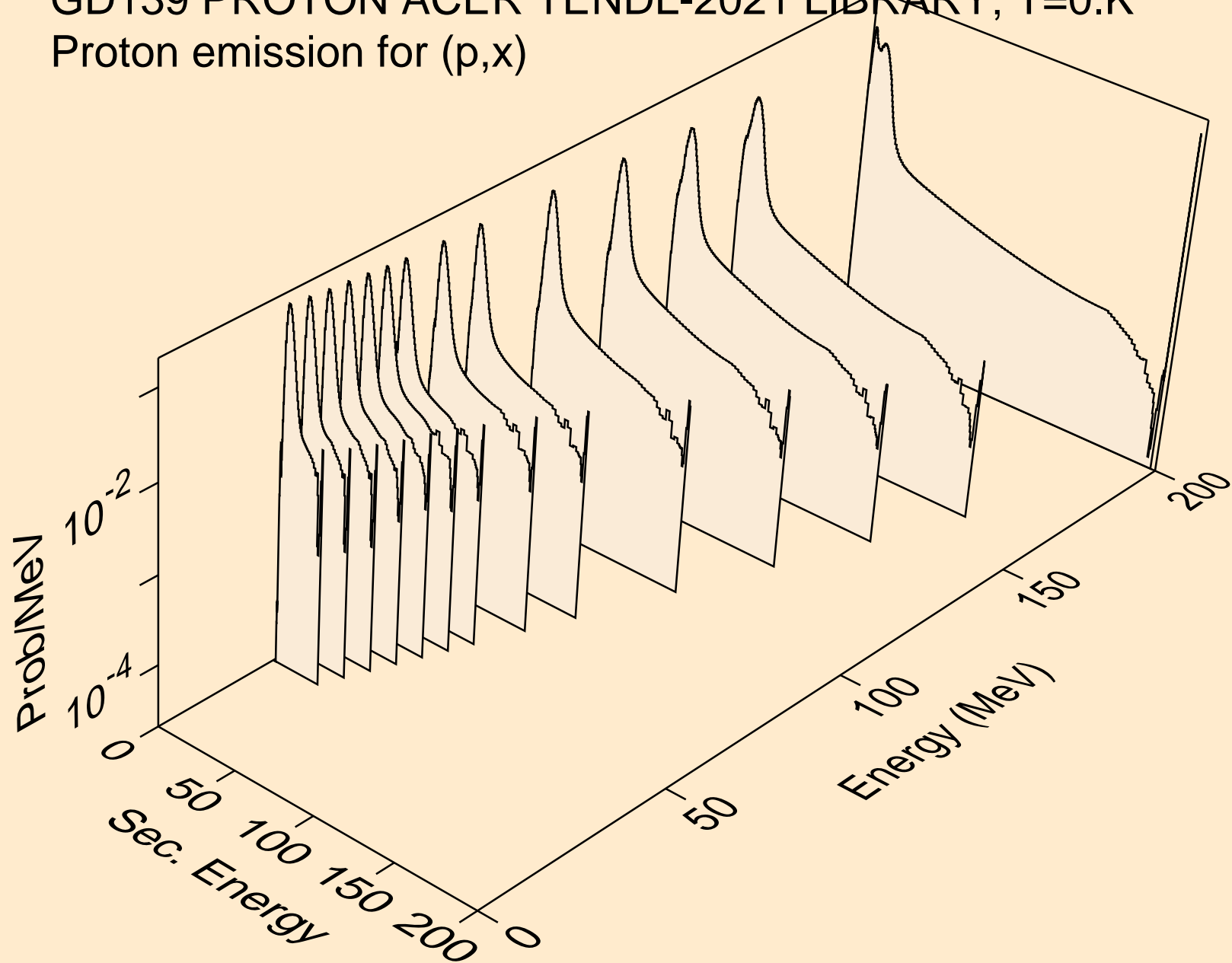




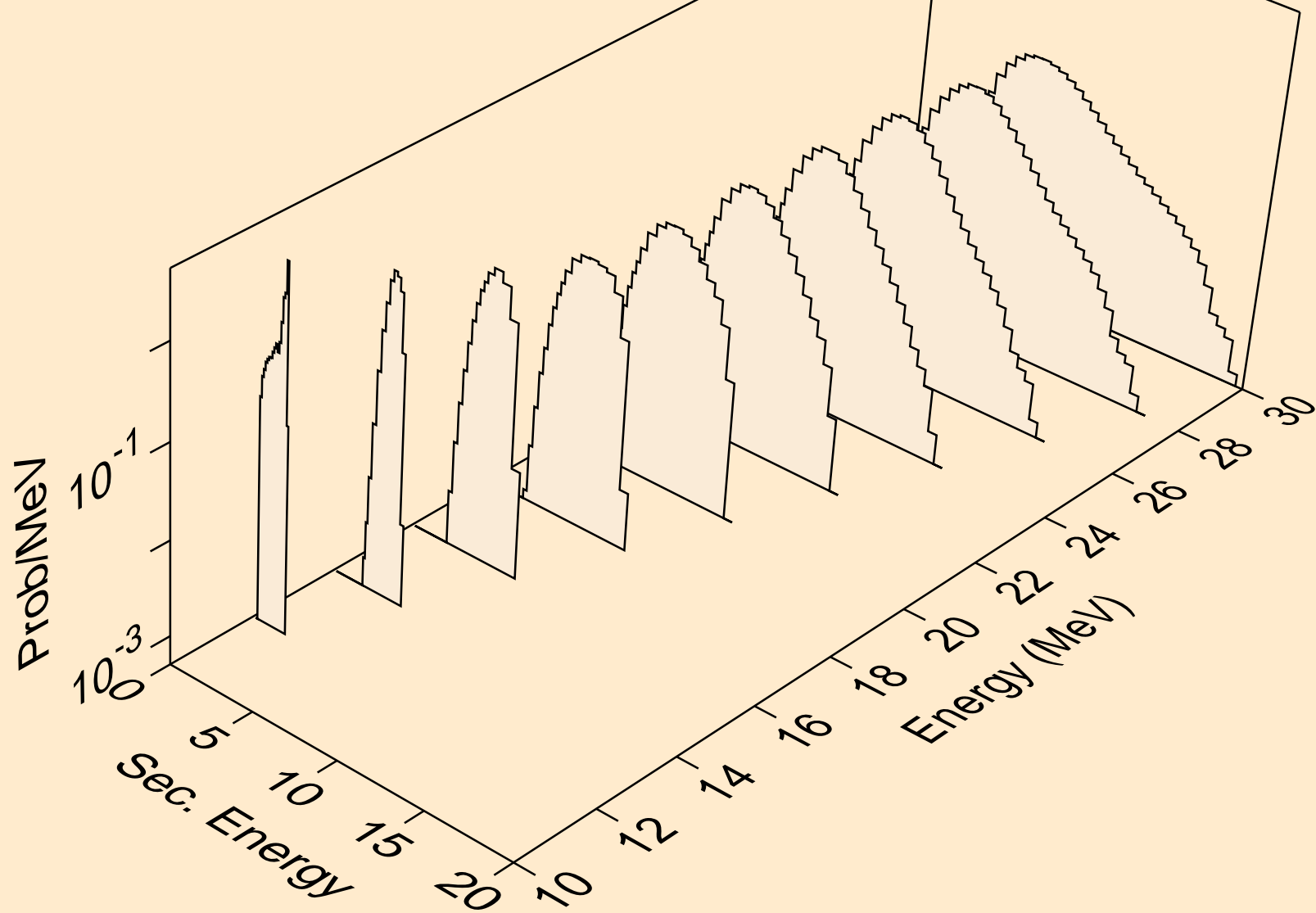
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



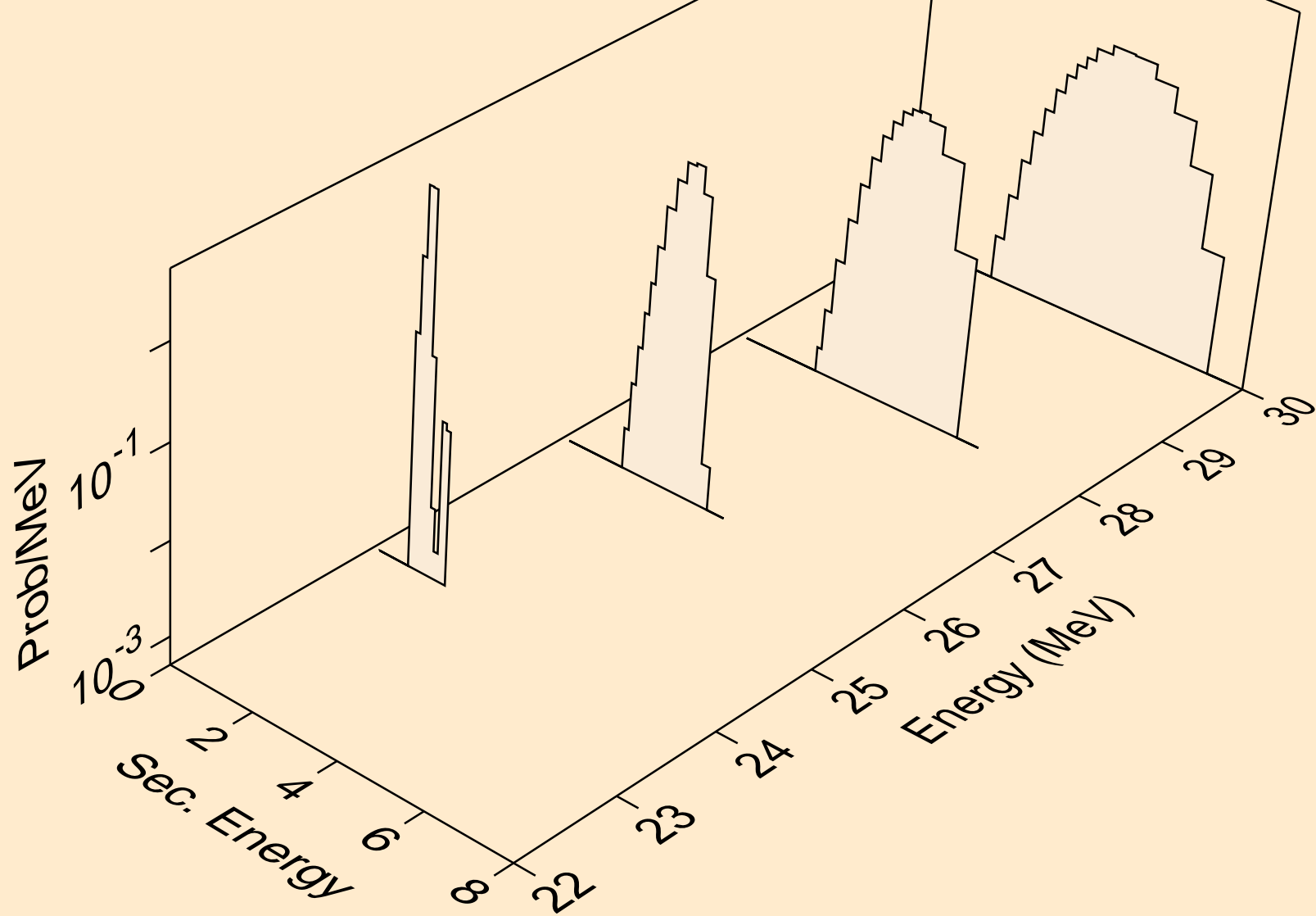
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



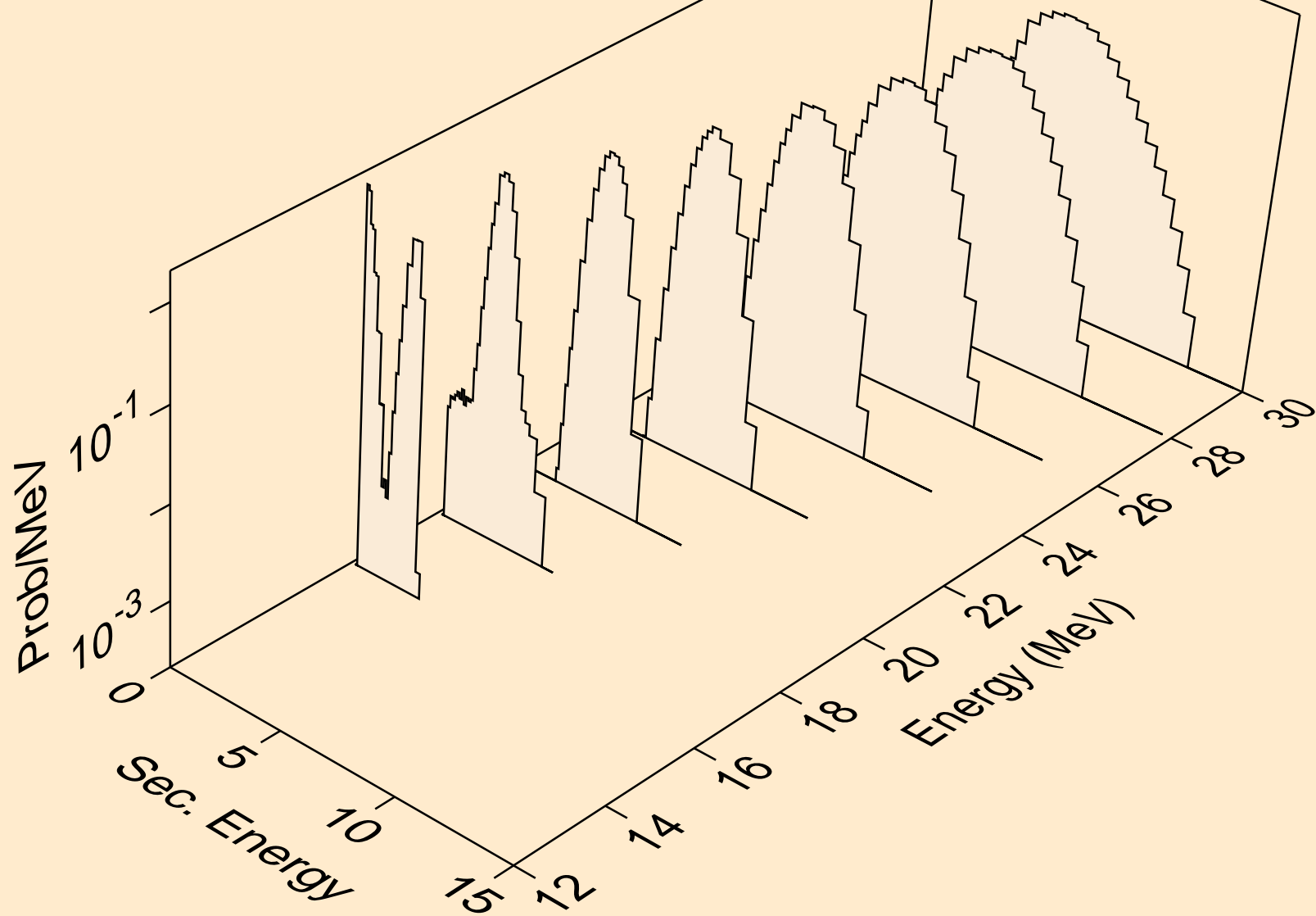
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



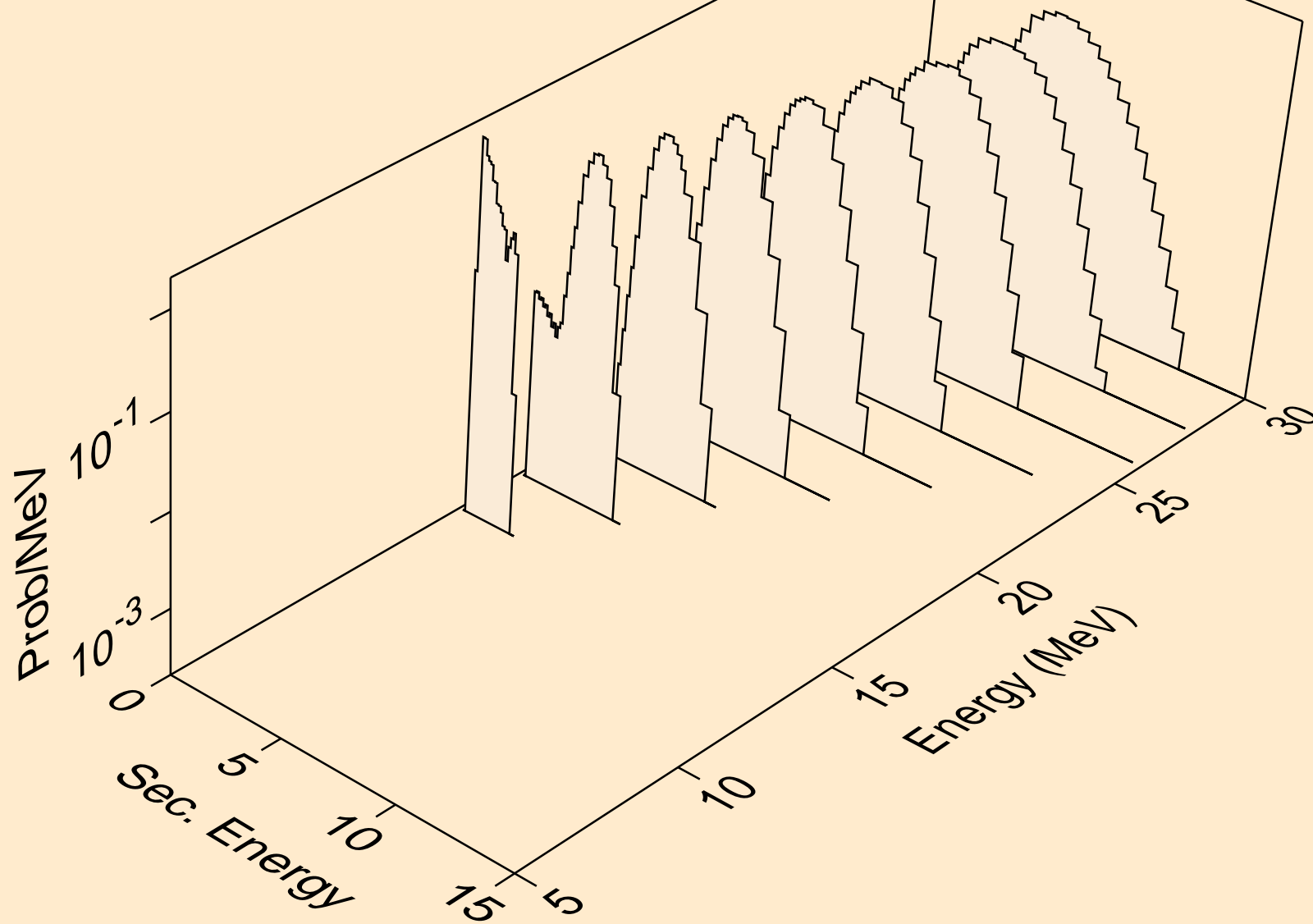
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



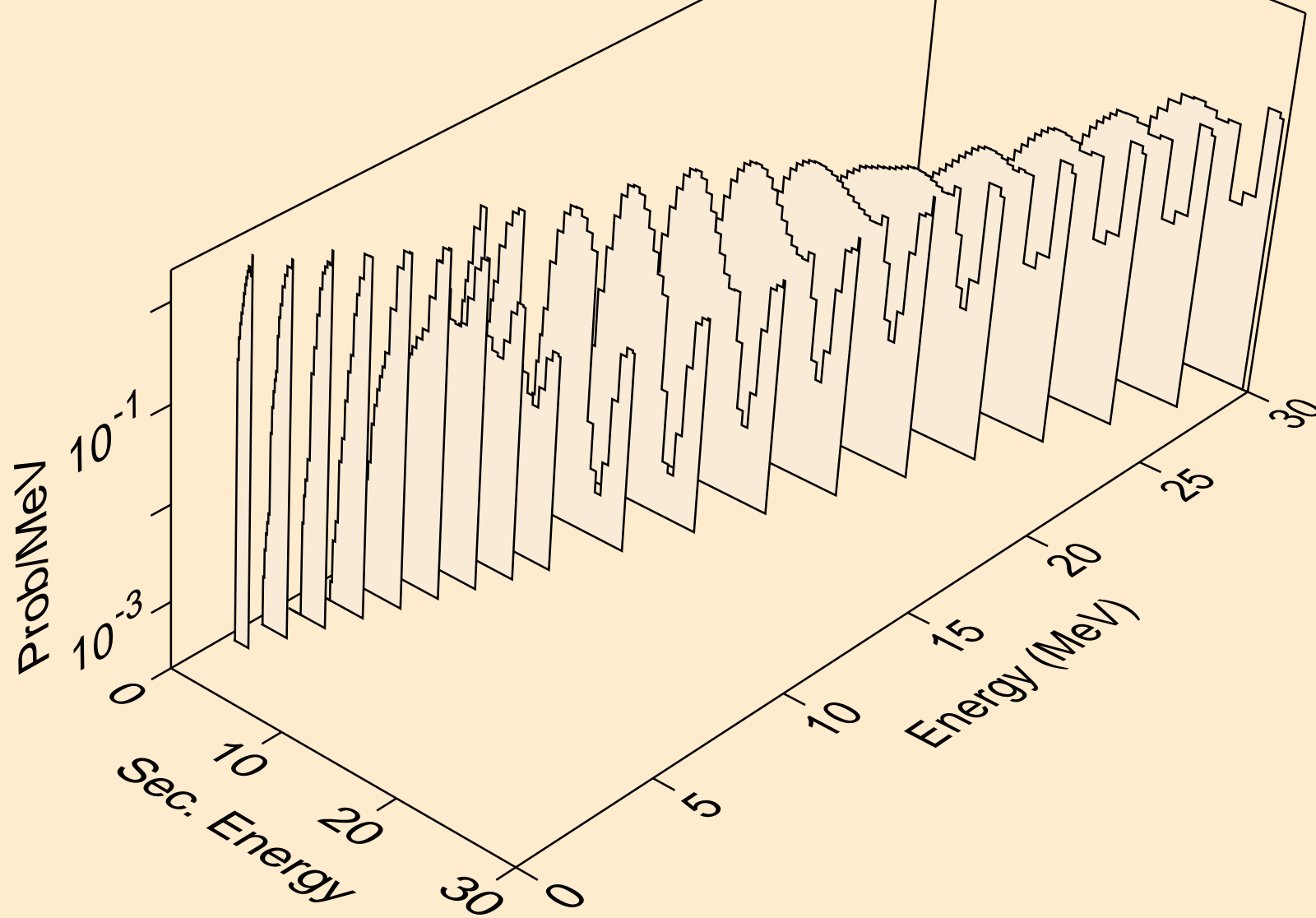
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Proton emission for (p,2np)



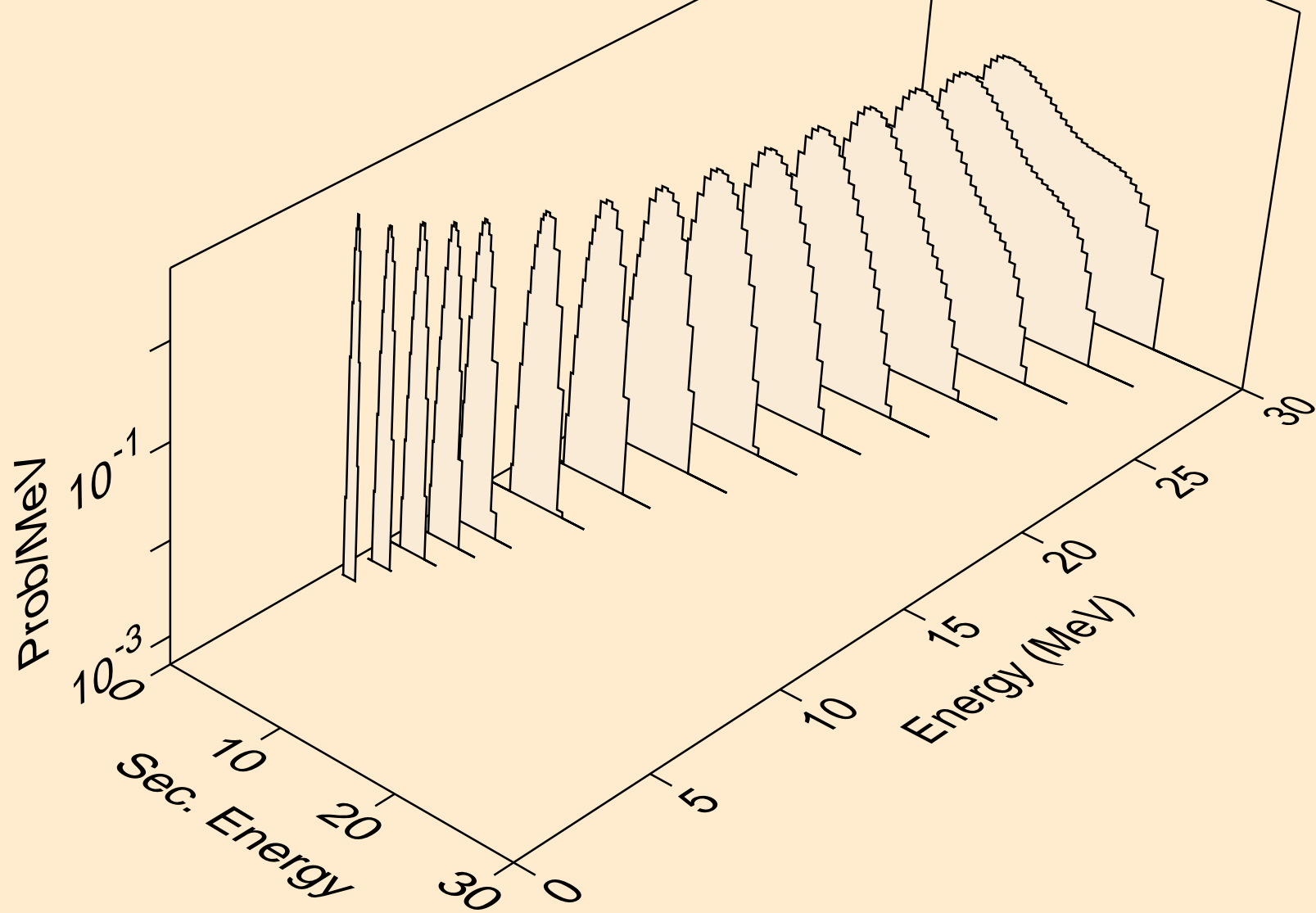
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)



GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

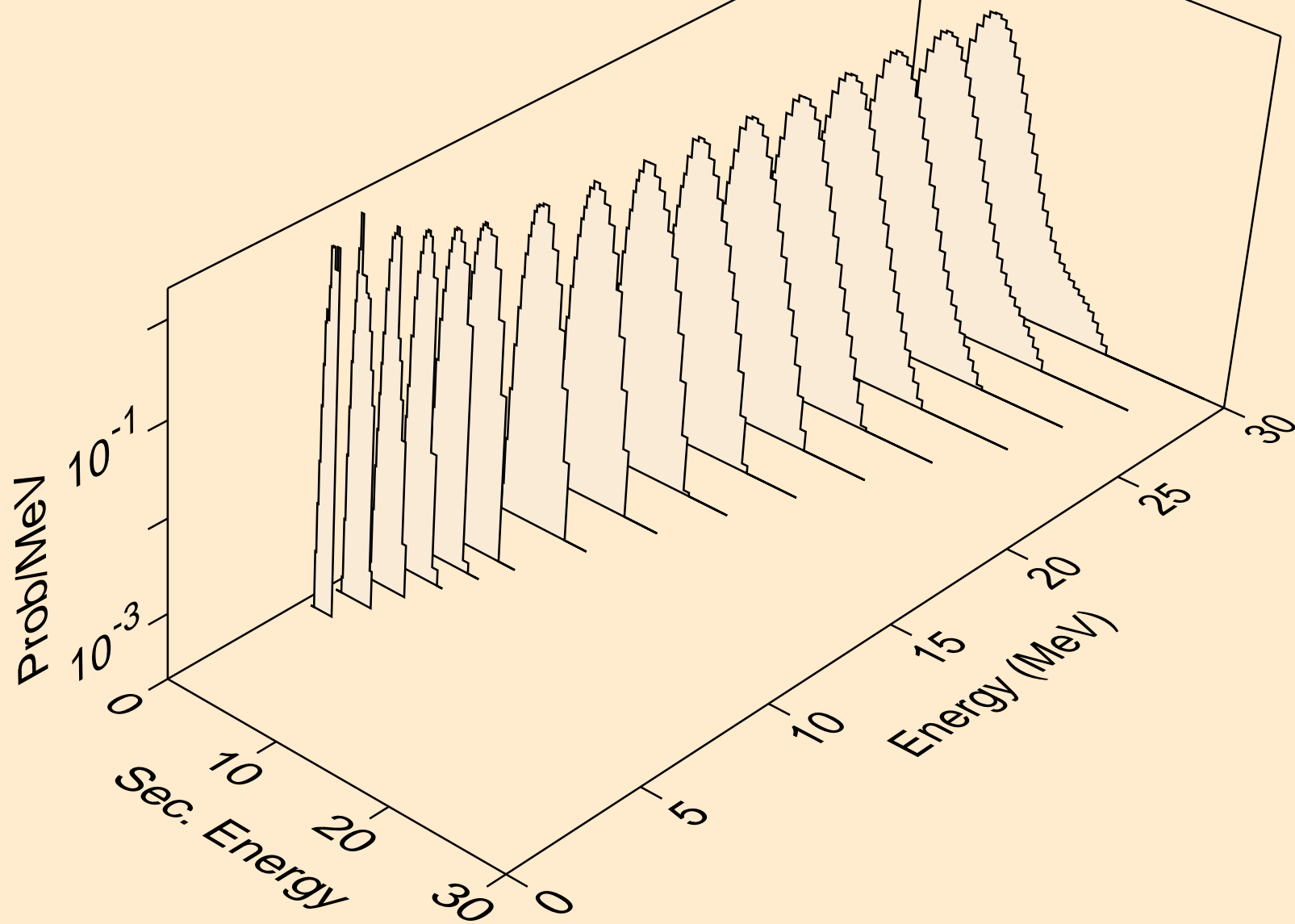


GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)

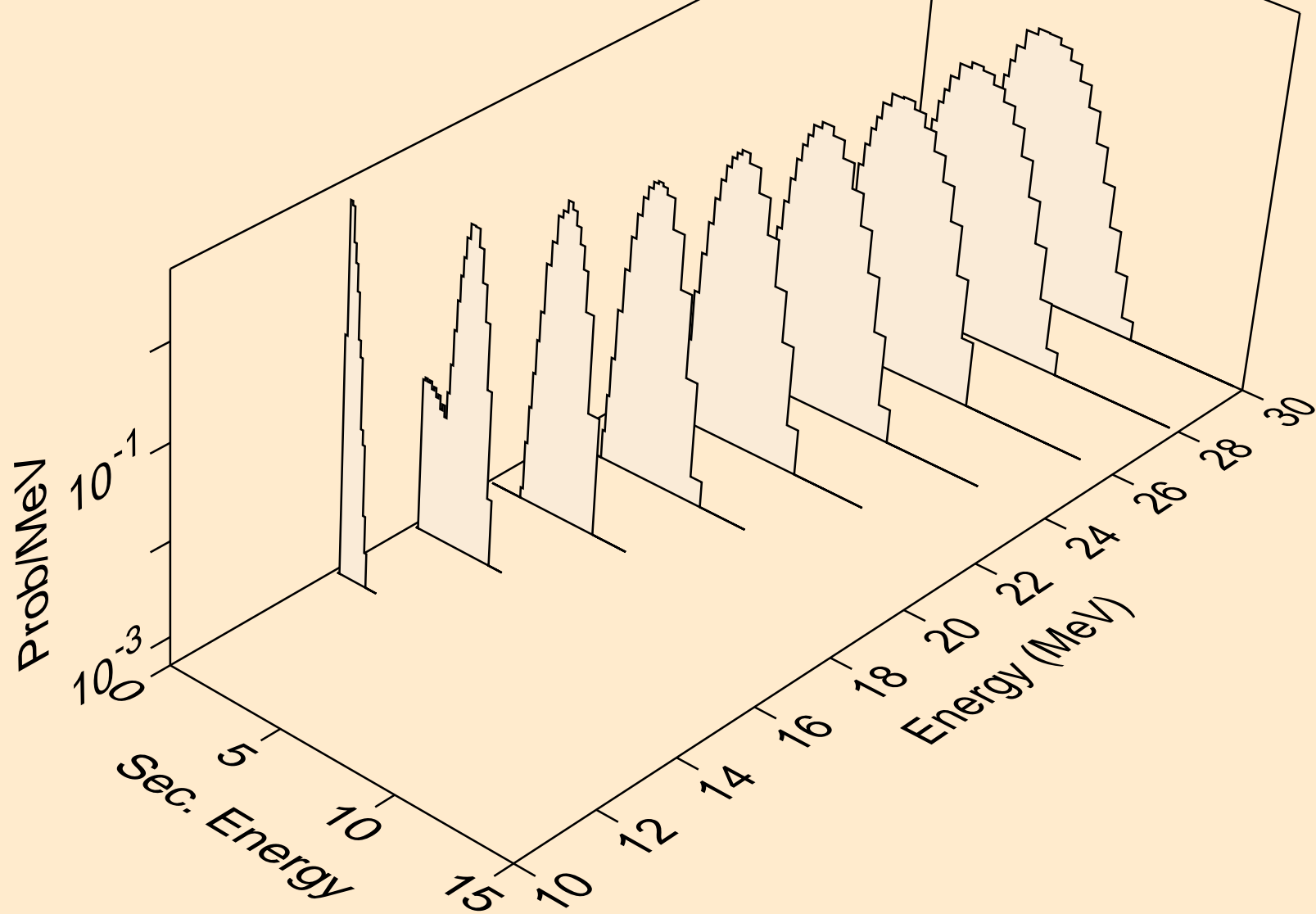




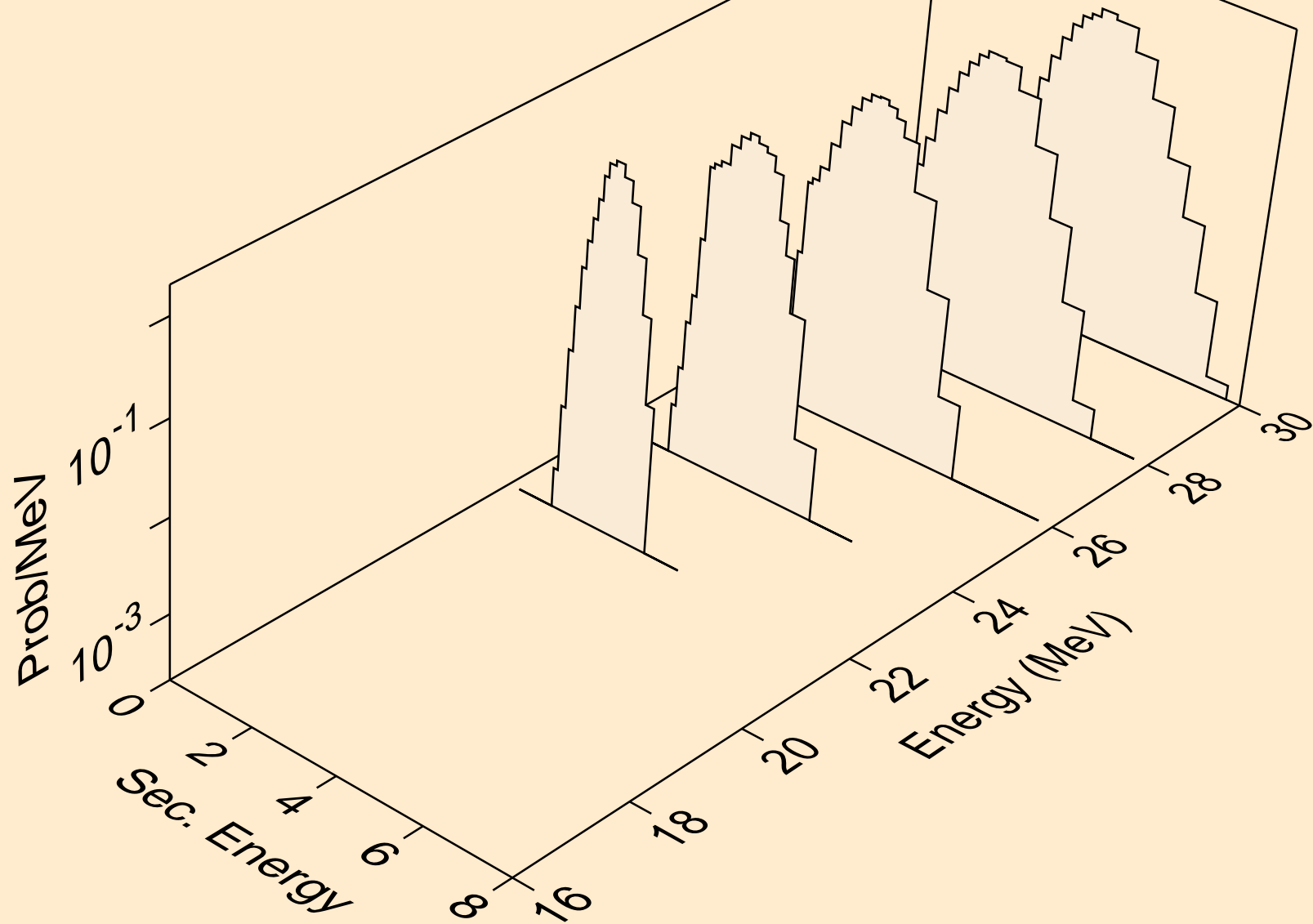
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Proton emission for (p,pa)



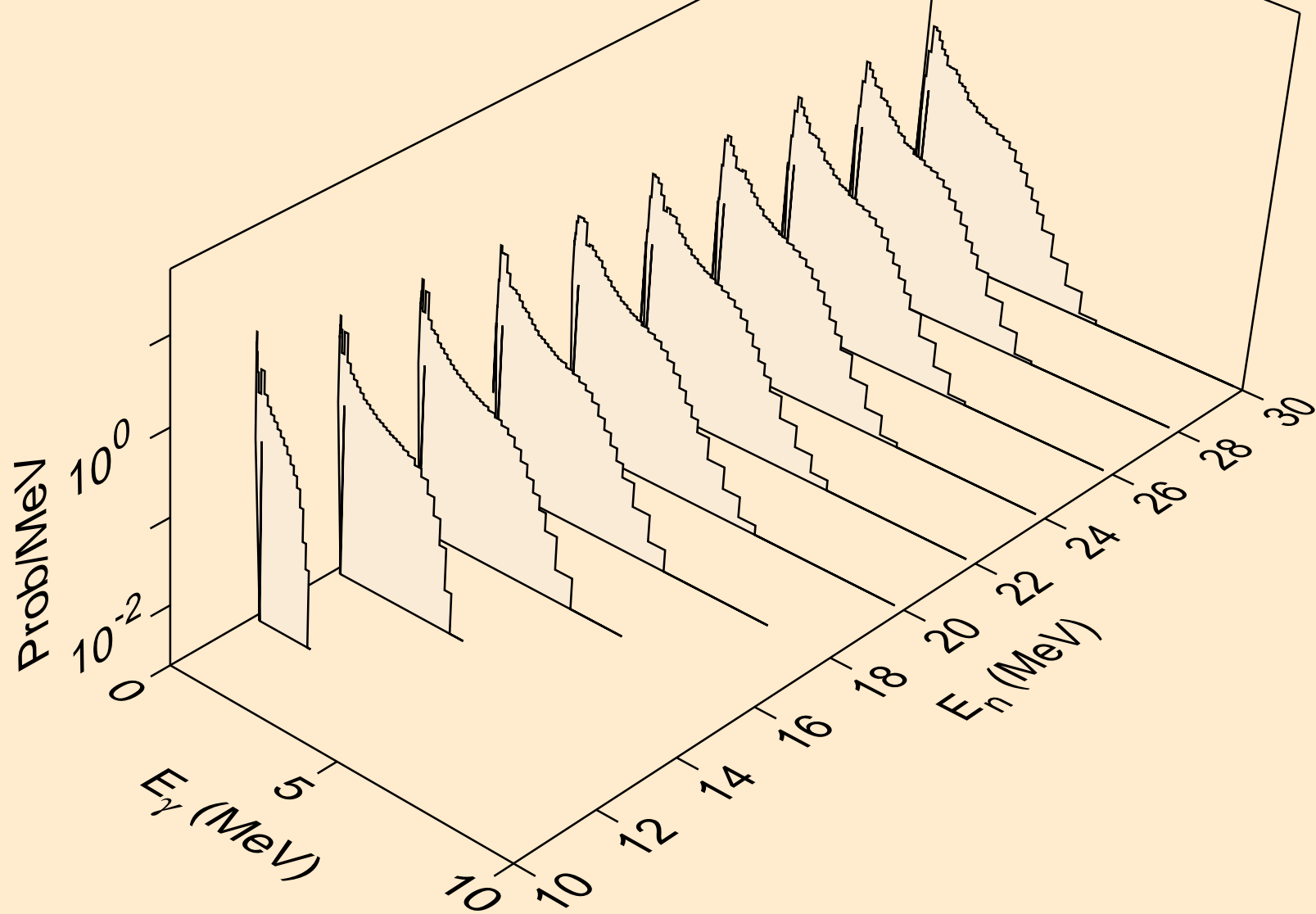
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



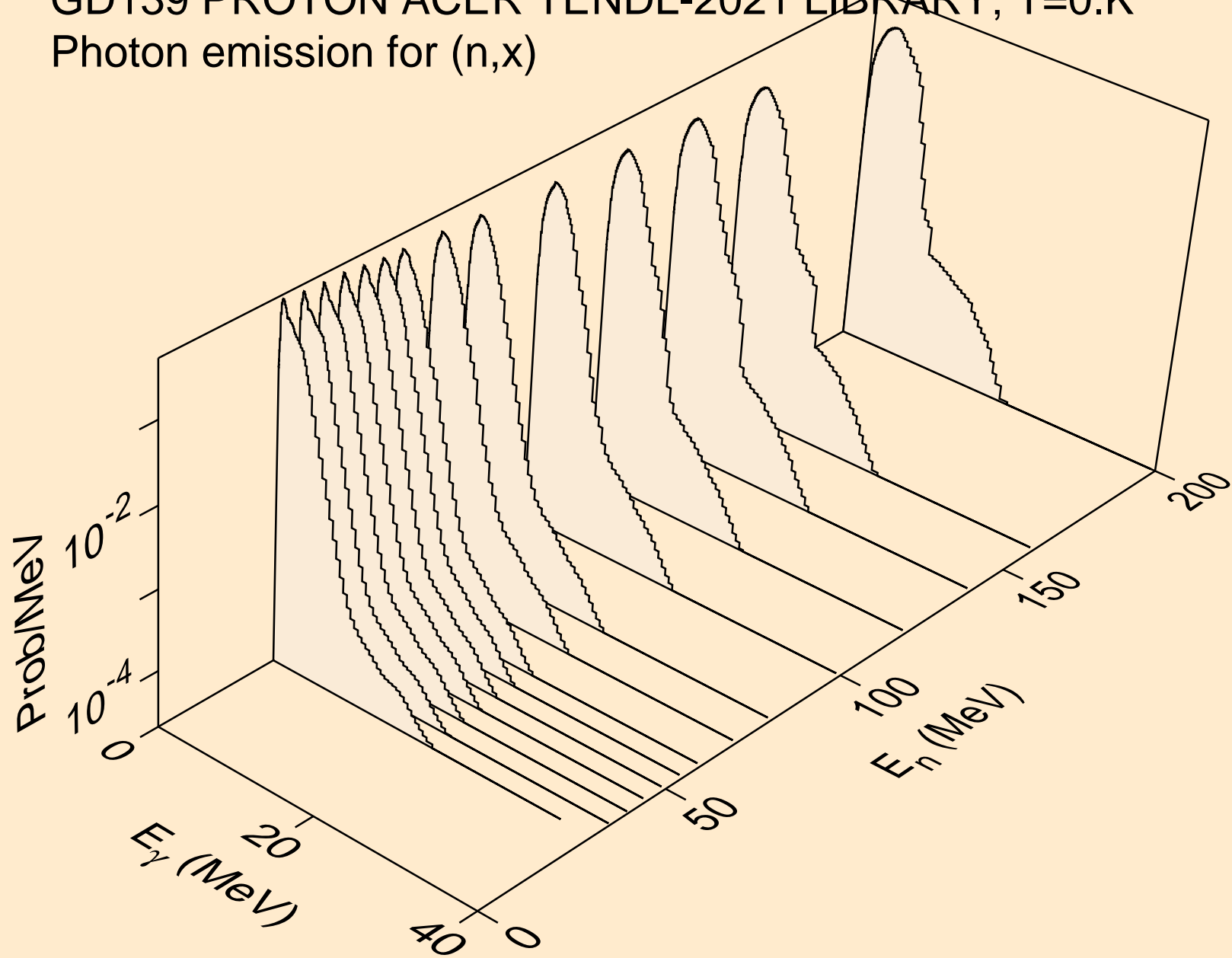
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



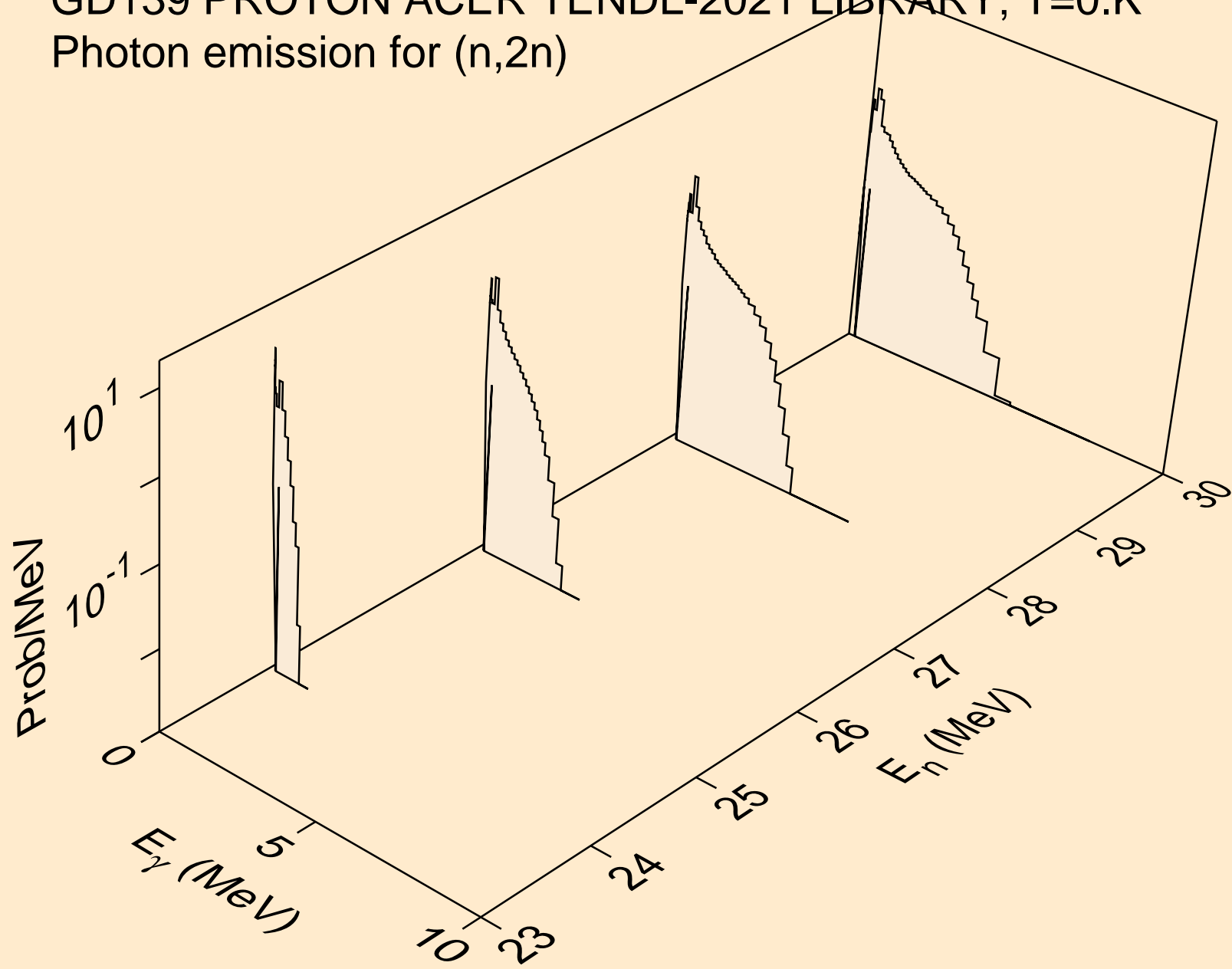
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Photon emission for (z,n)



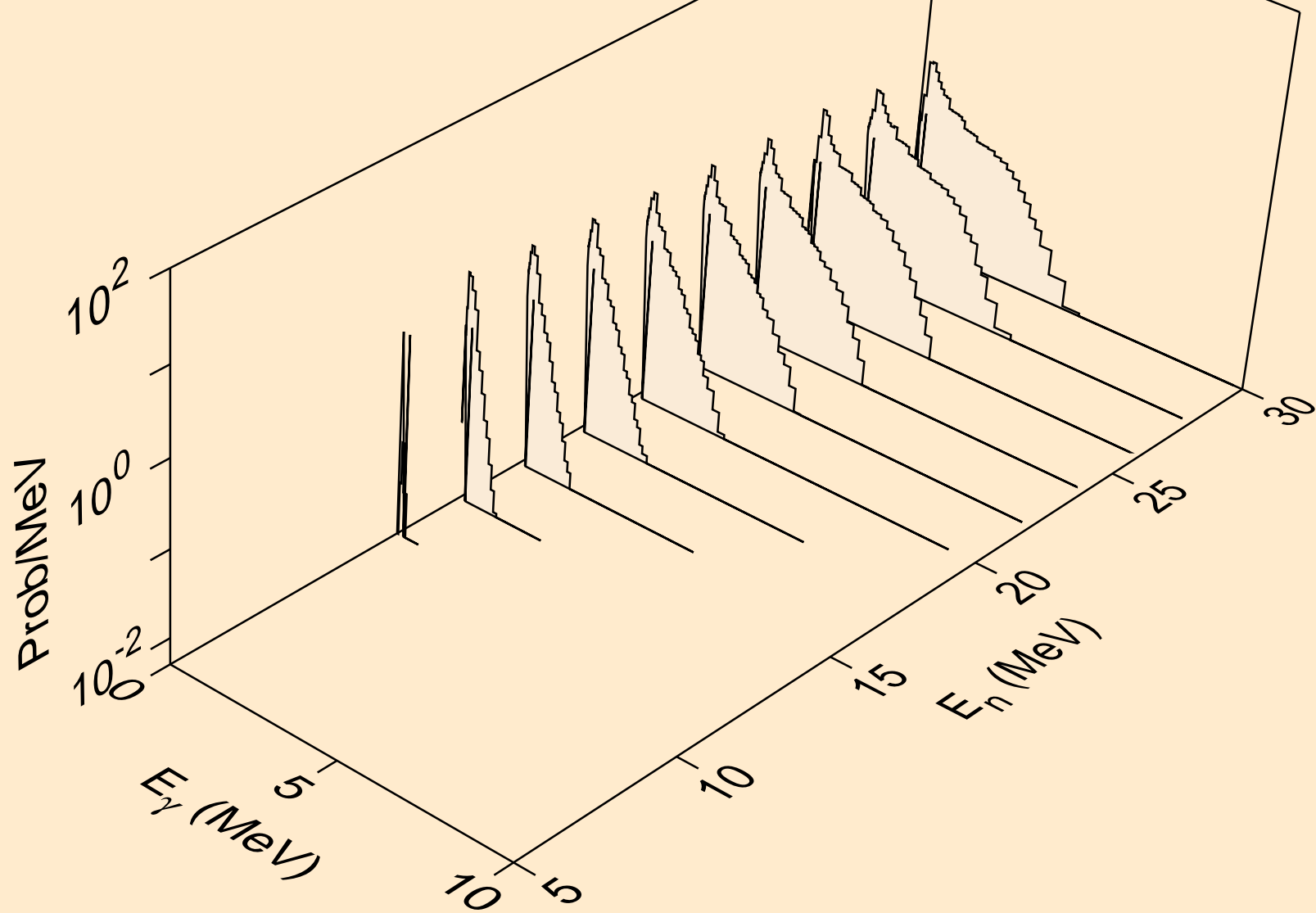
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Photon emission for (n,x)



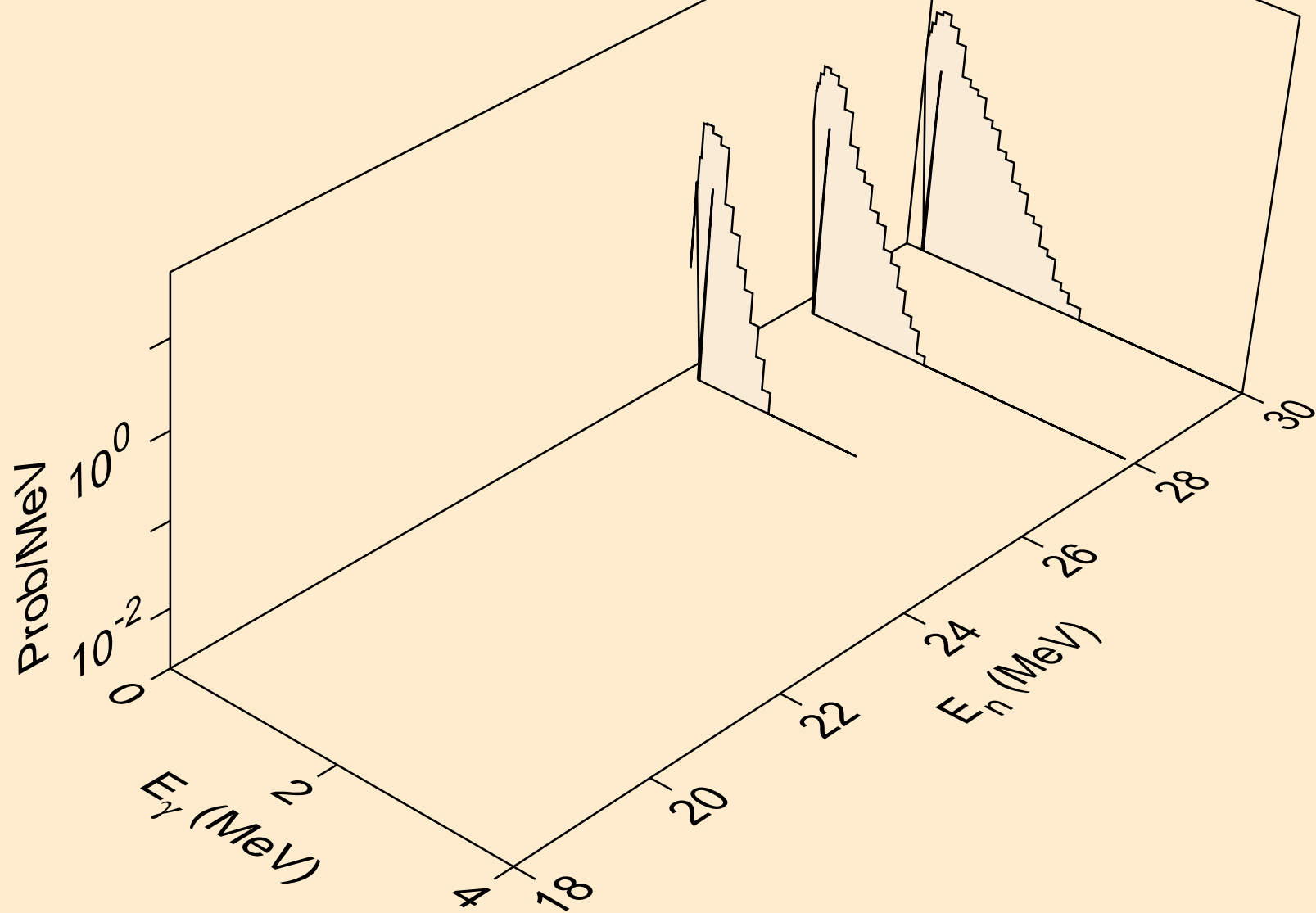
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

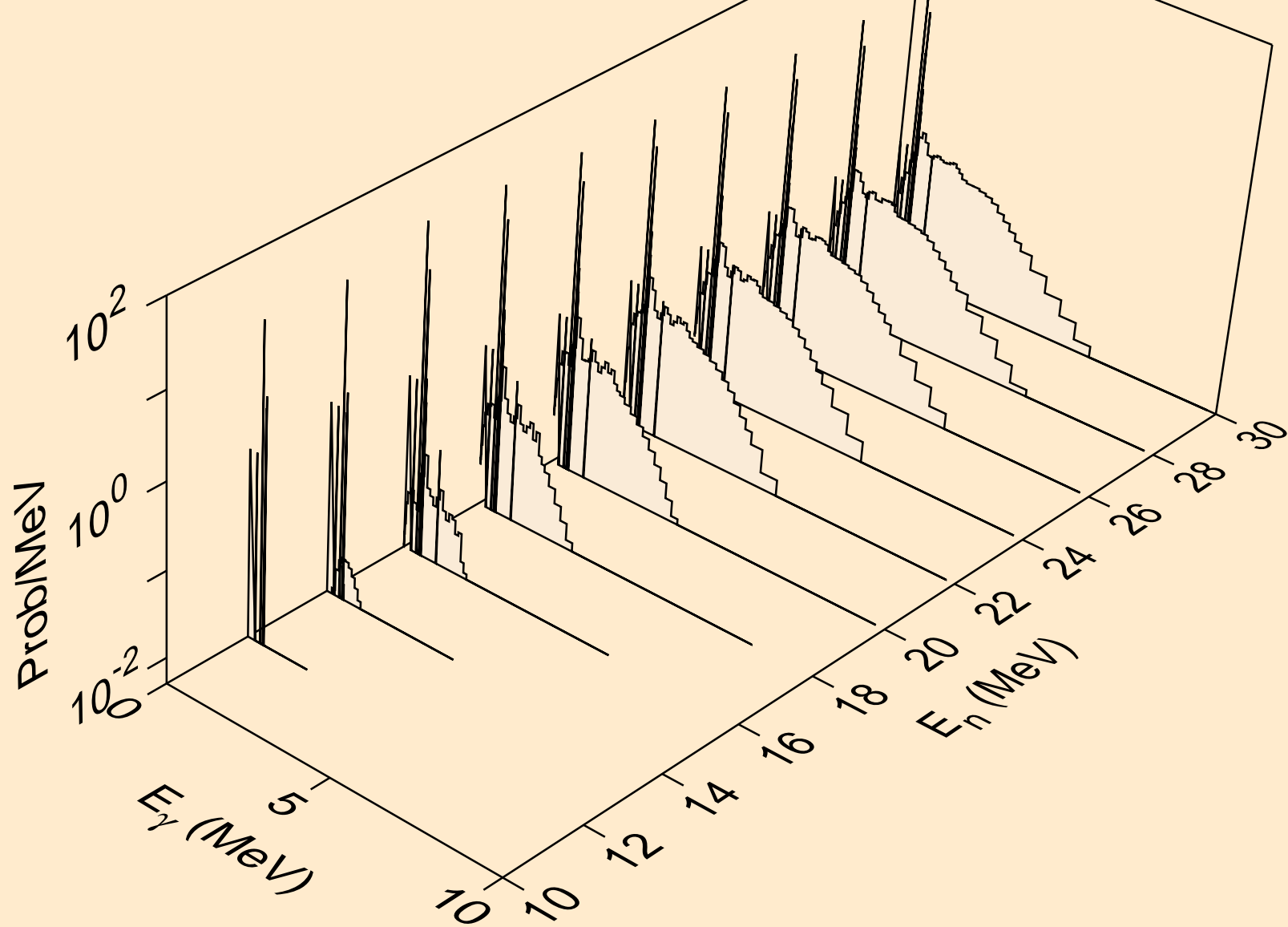


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Photon emission for (n,2n)a

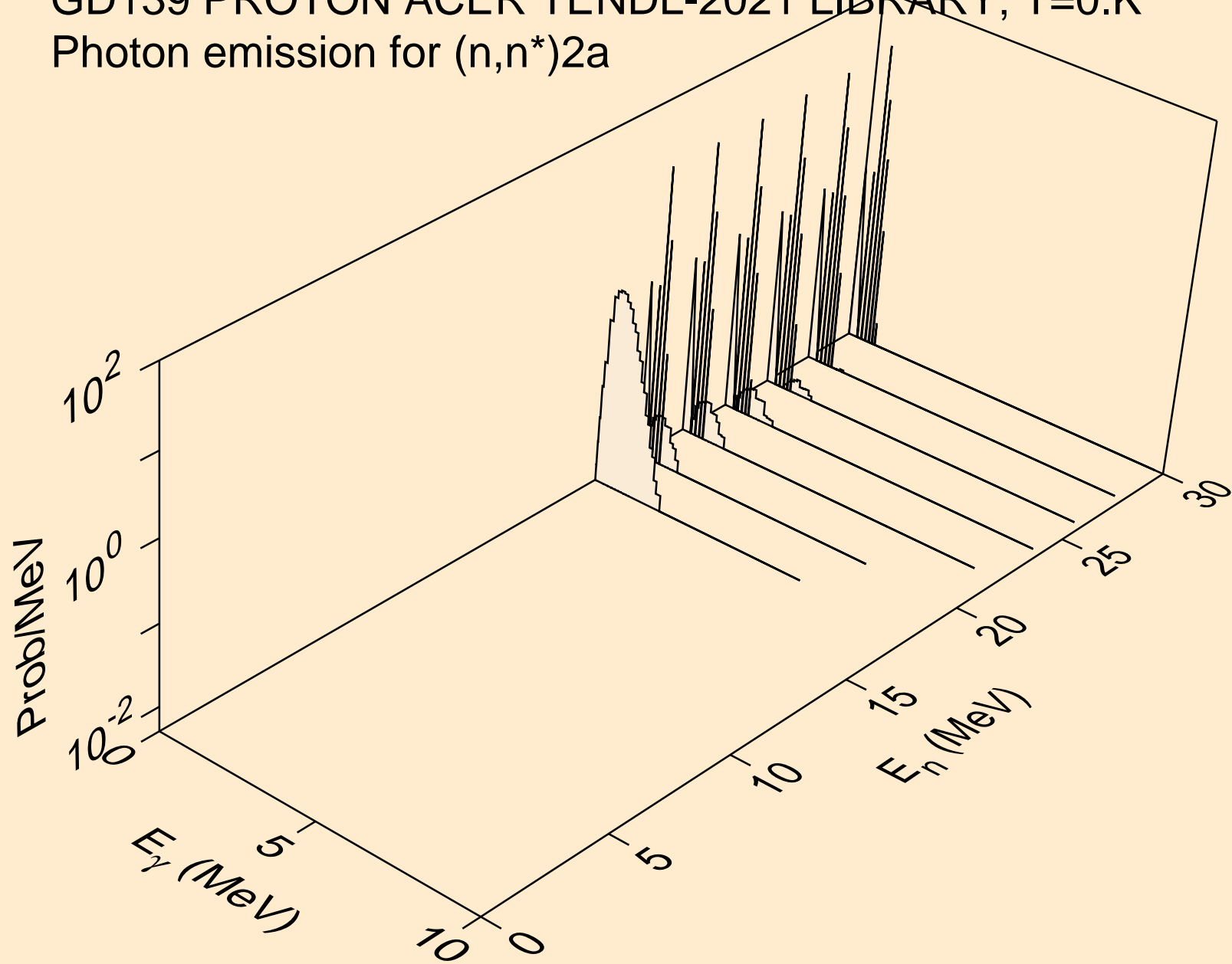




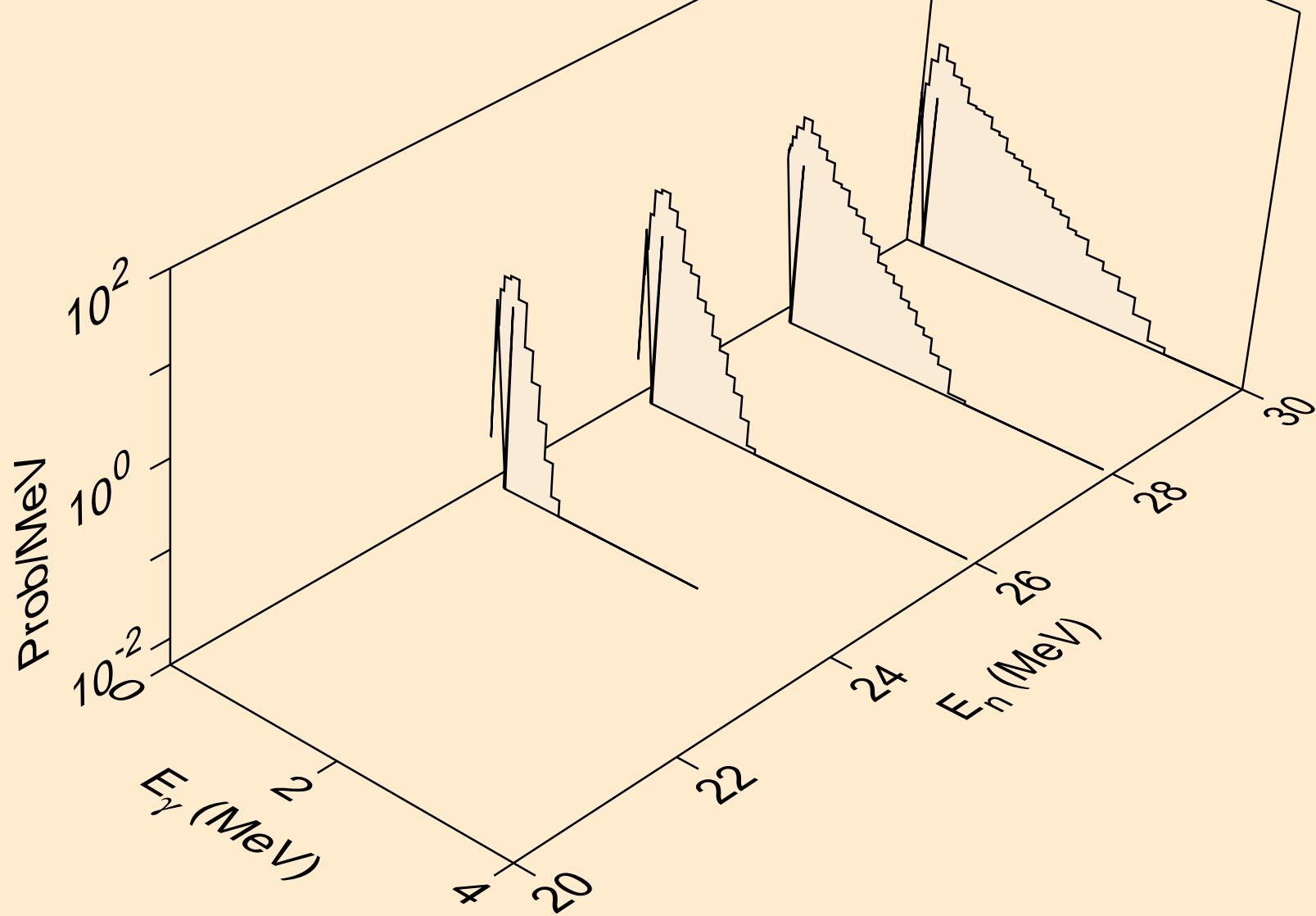
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Photon emission for (n,n\*)p



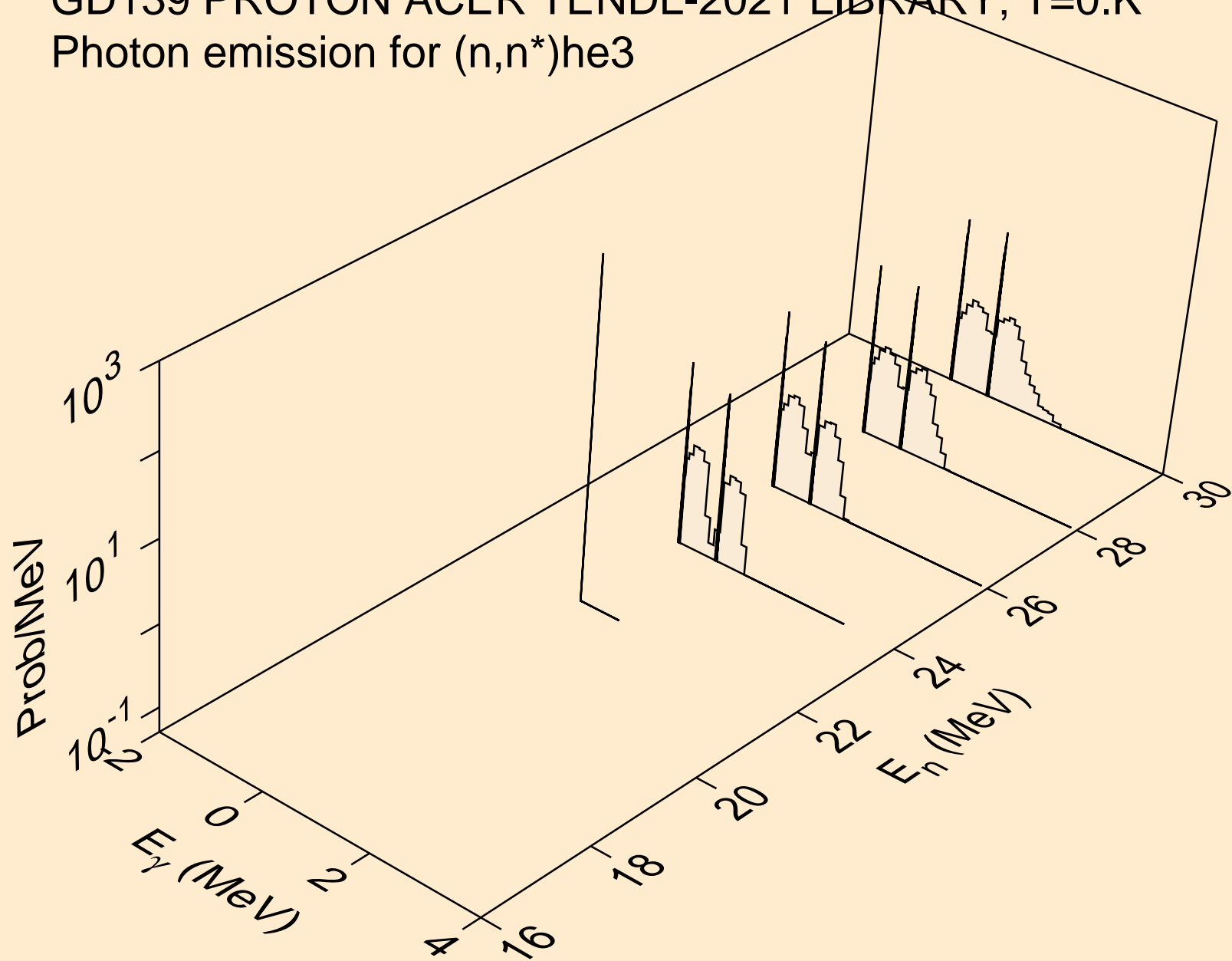
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Photon emission for (n,n\*)2a



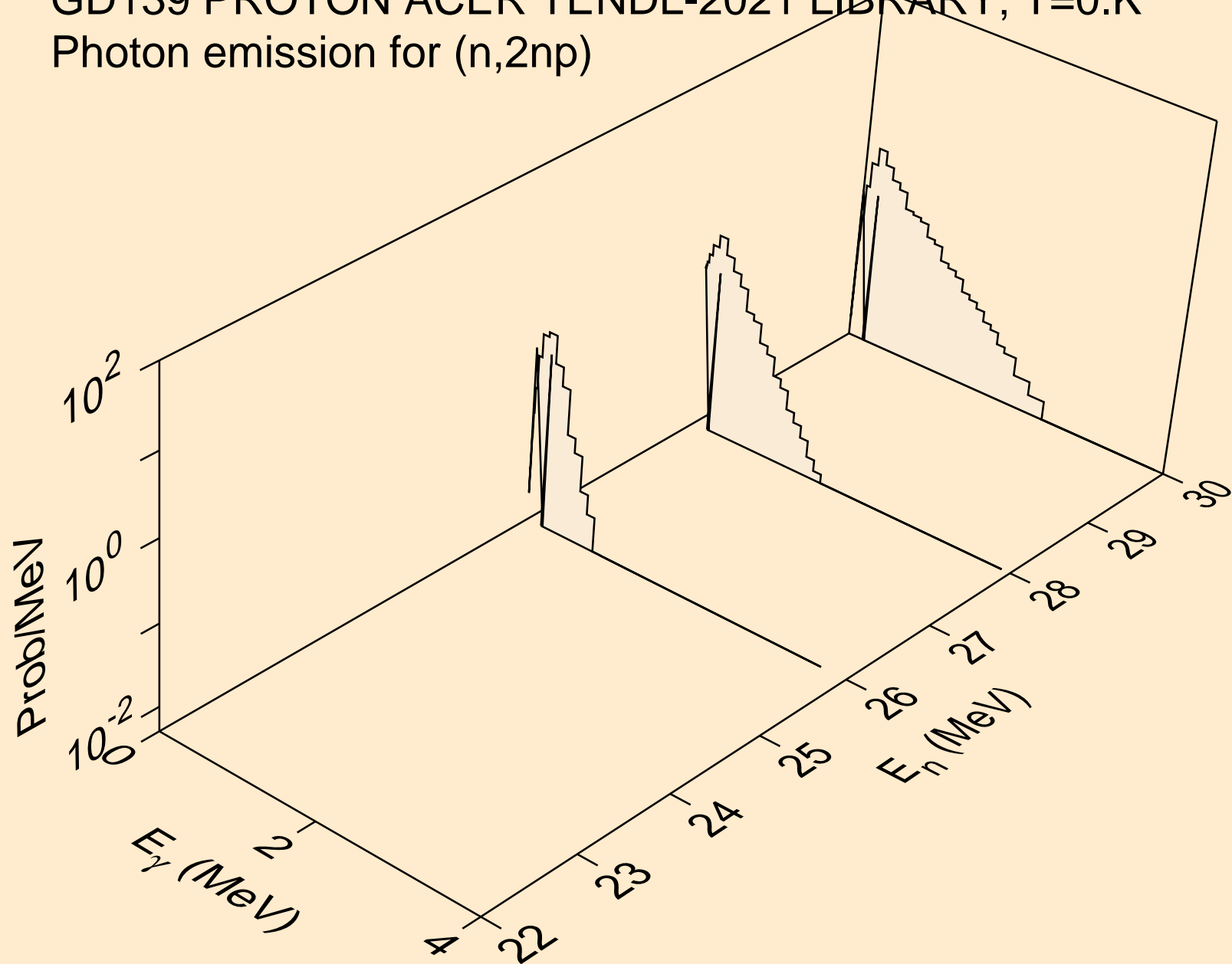
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Photon emission for (n,n\*)d



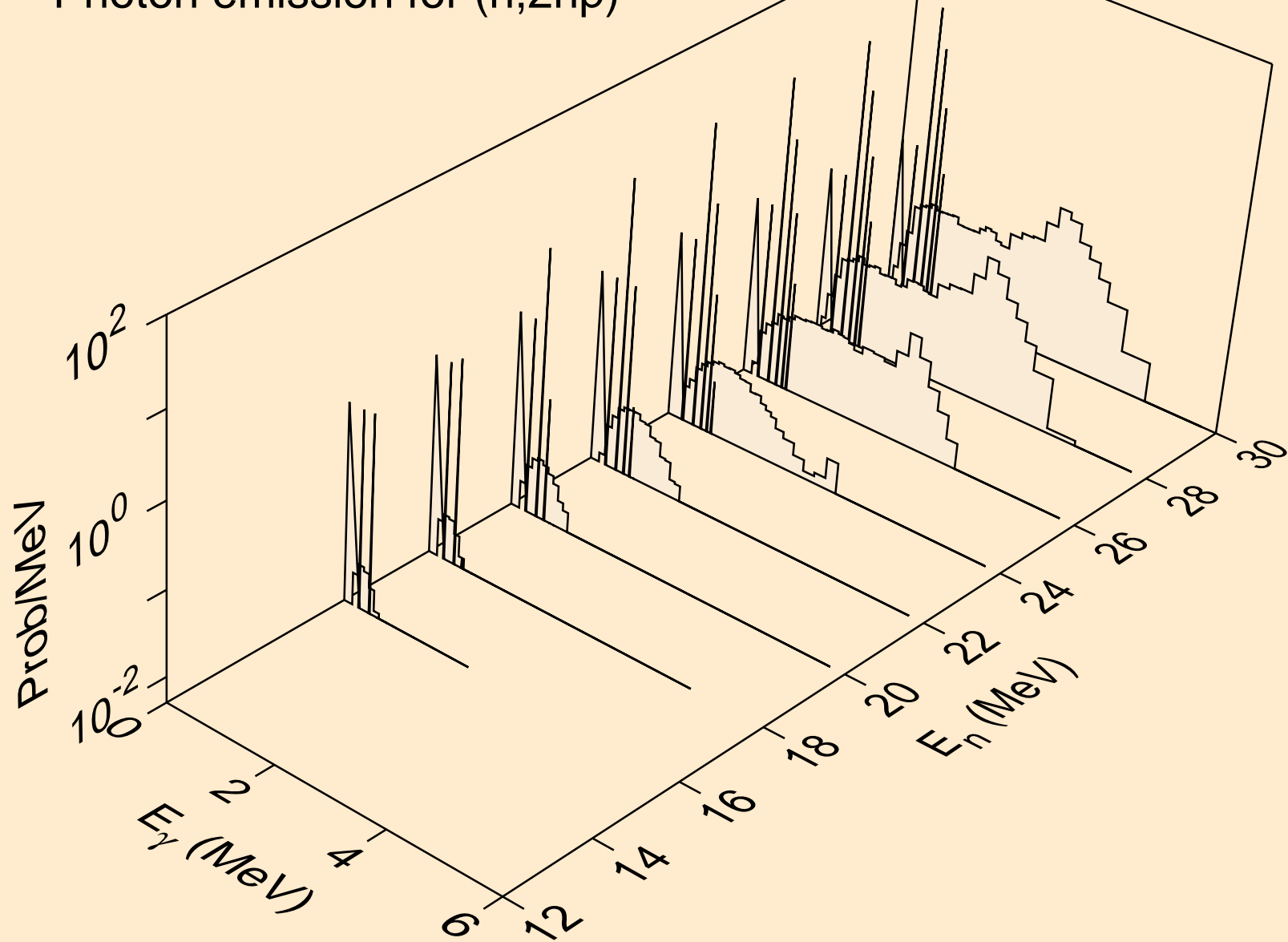
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



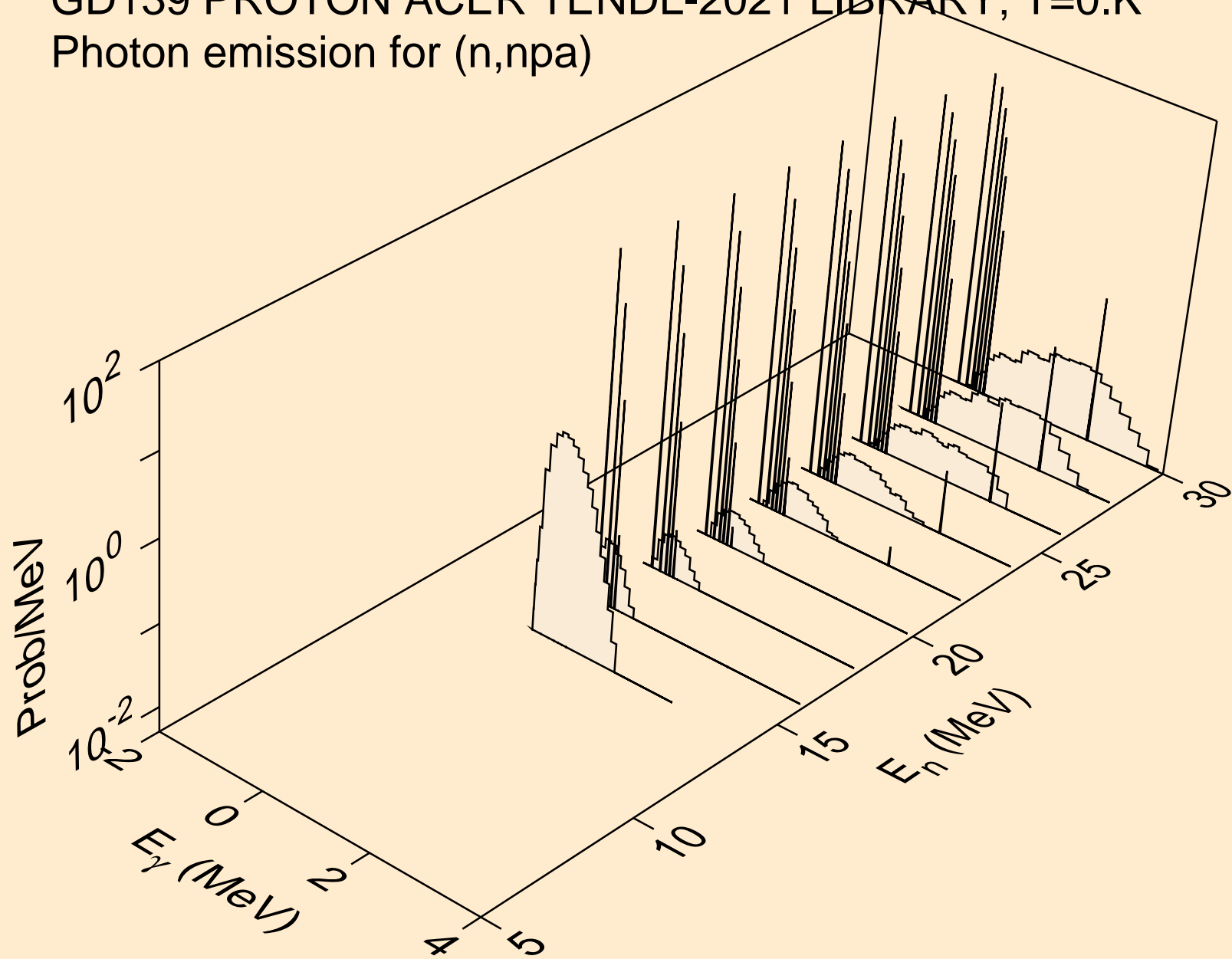
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Photon emission for (n,2np)



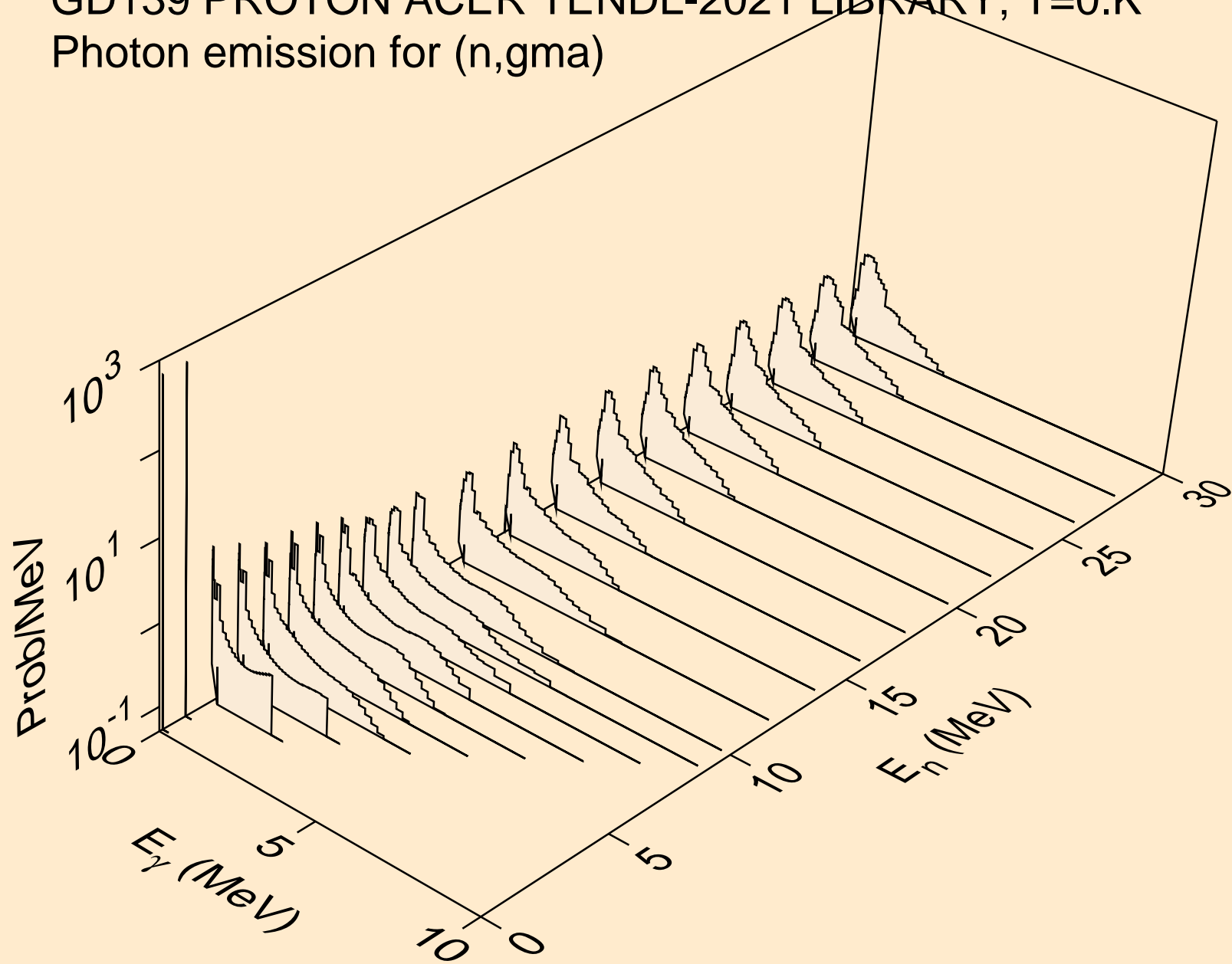
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Photon emission for (n,2np)



GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

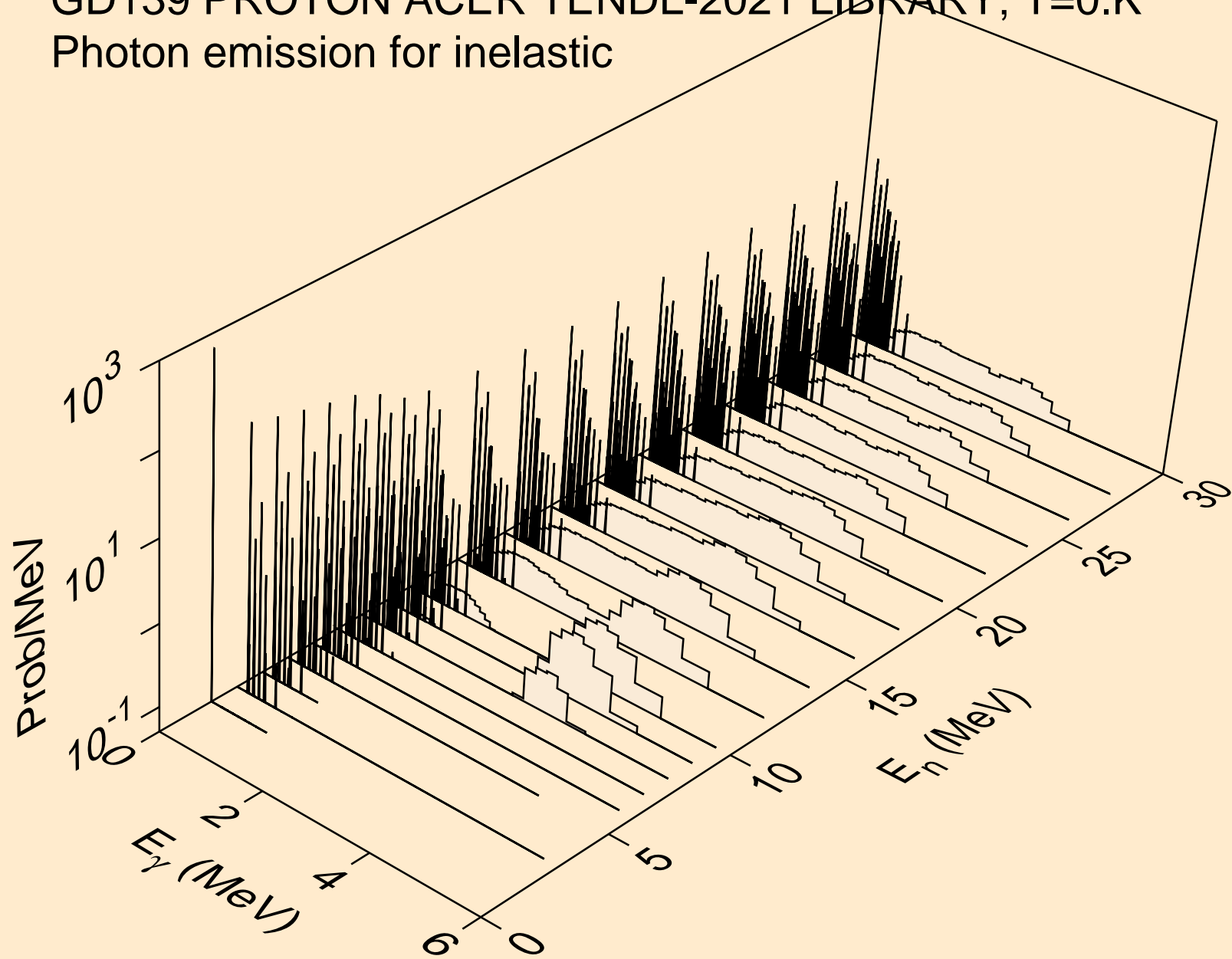


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Photon emission for (n,gma)

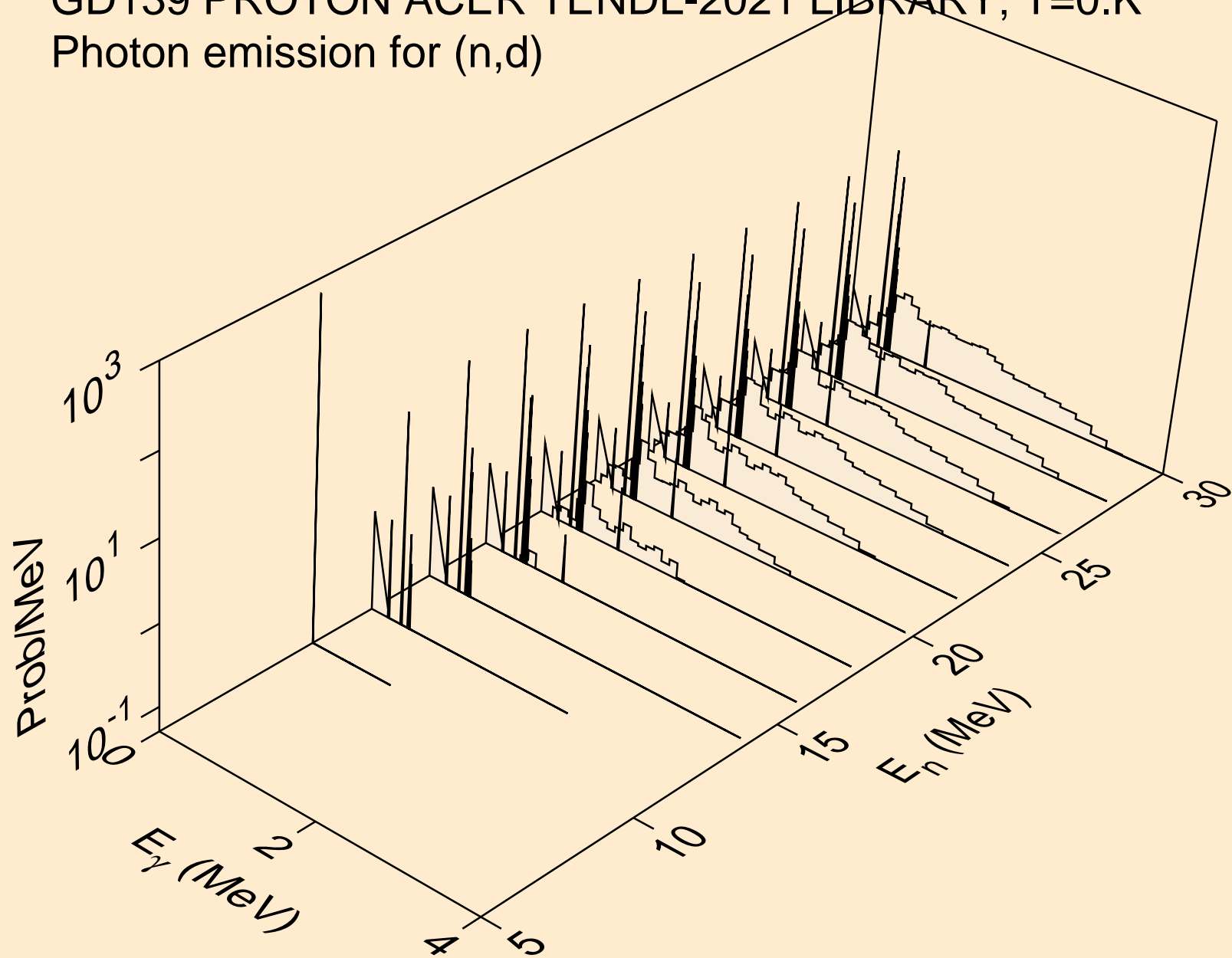




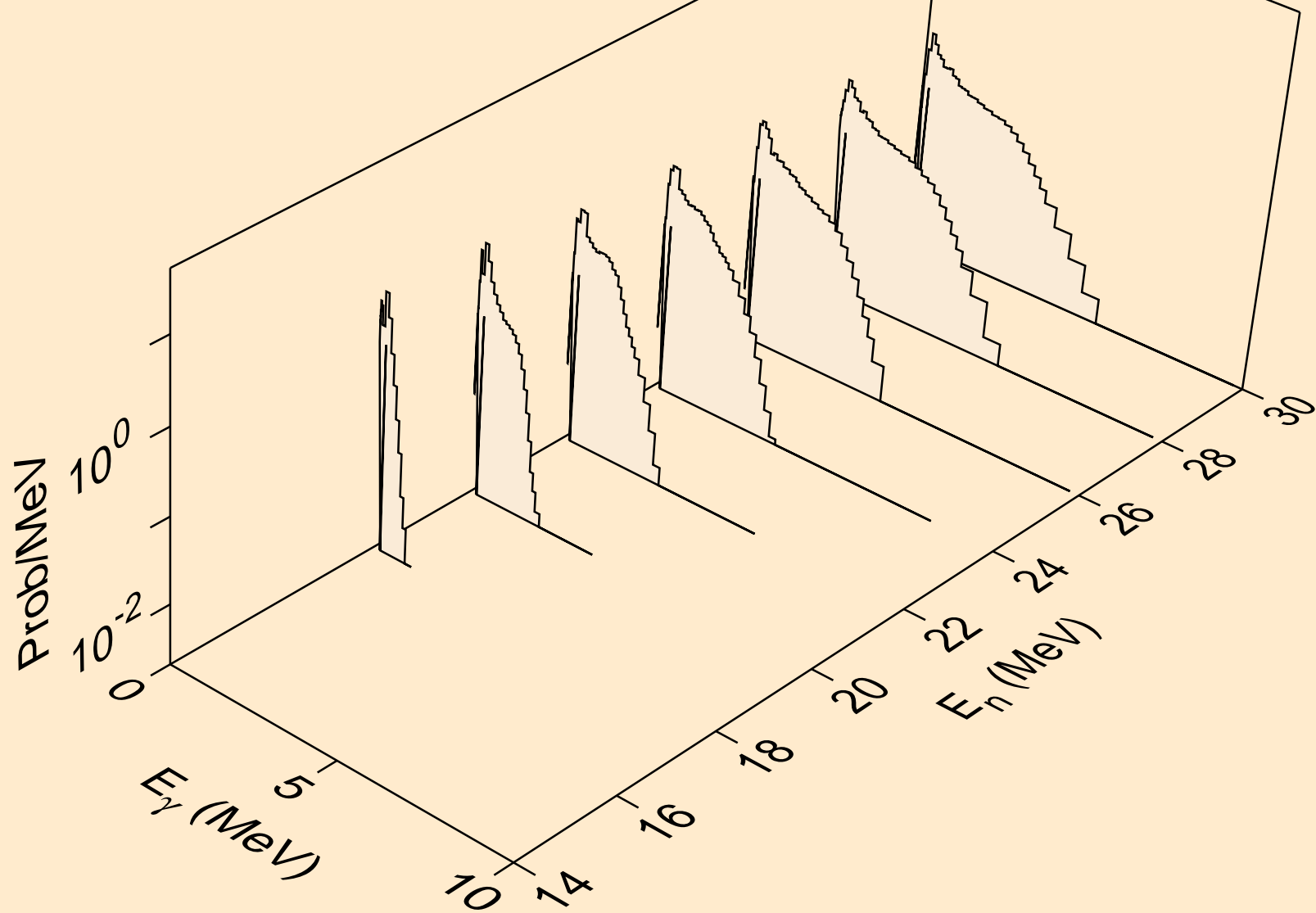
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Photon emission for inelastic



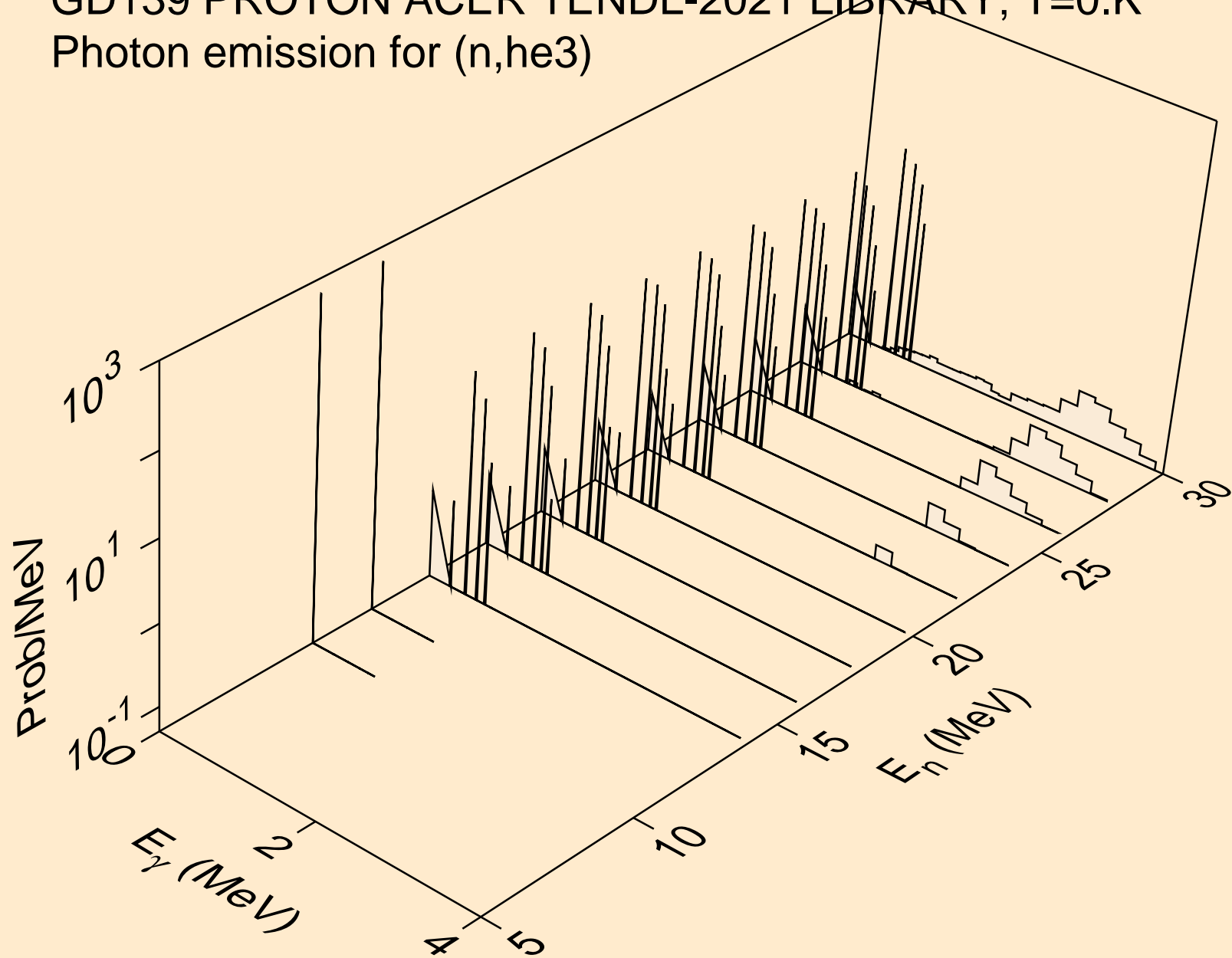
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Photon emission for (n,d)



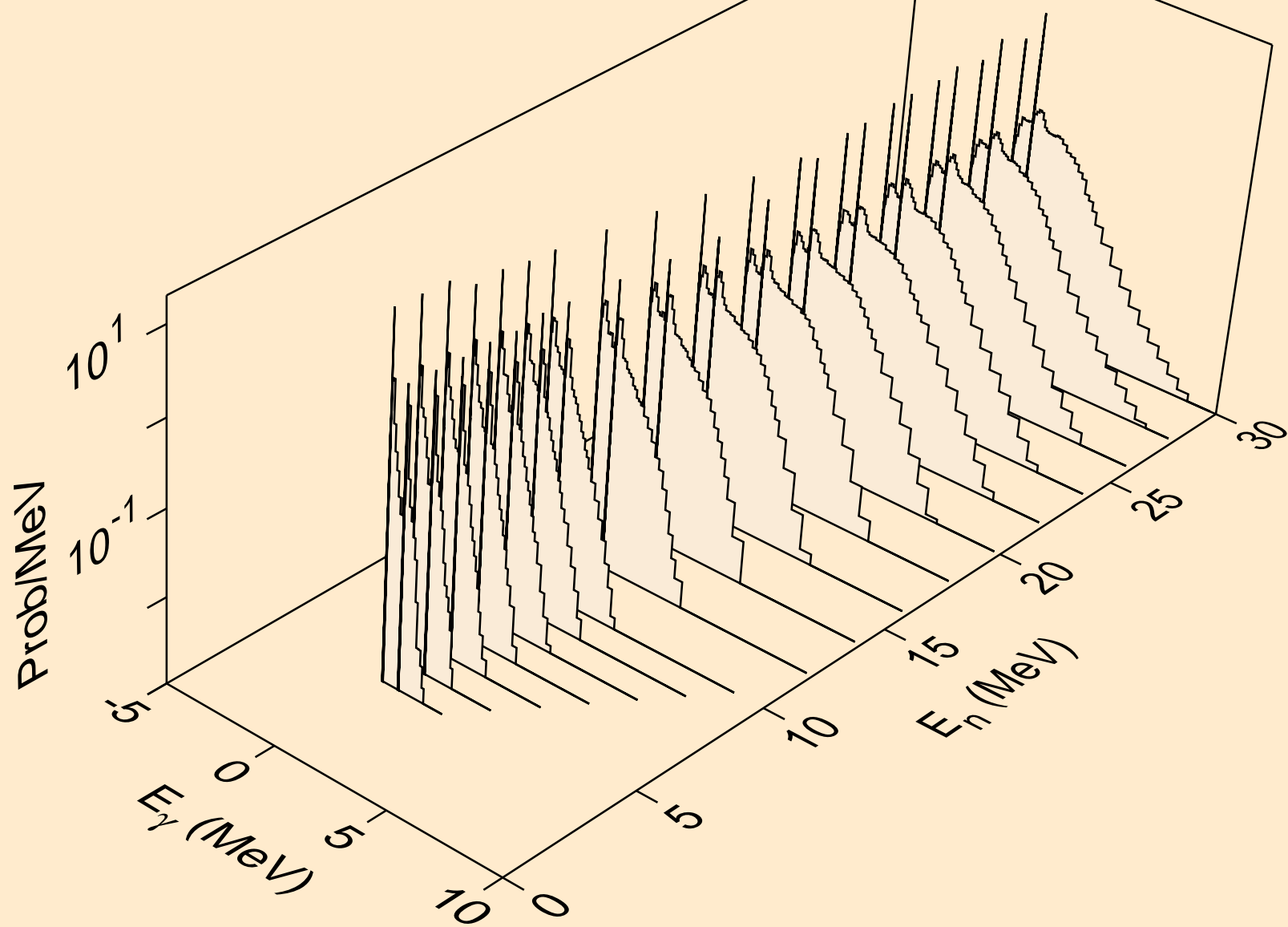
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Photon emission for (n,t)



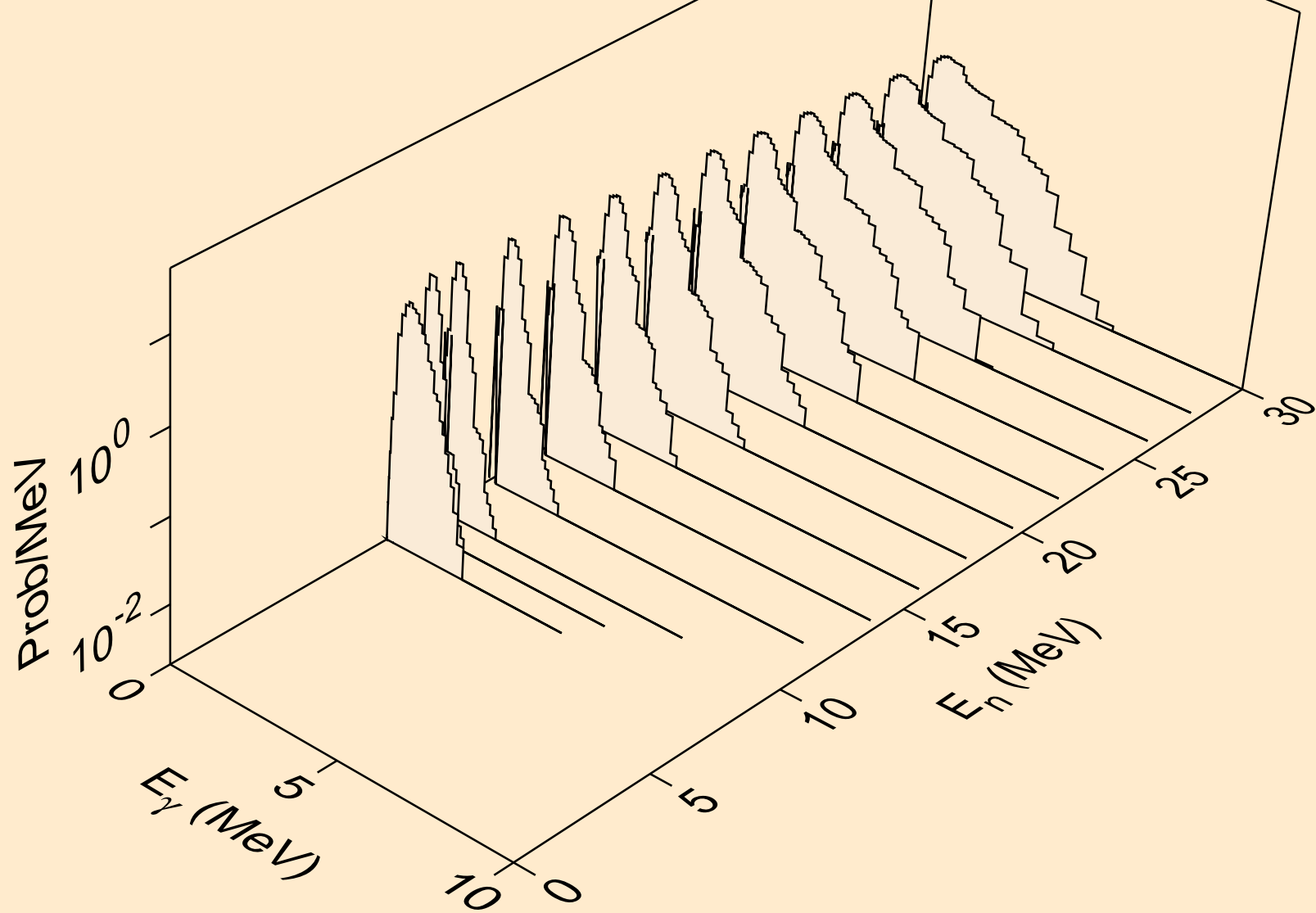
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Photon emission for (n,he3)



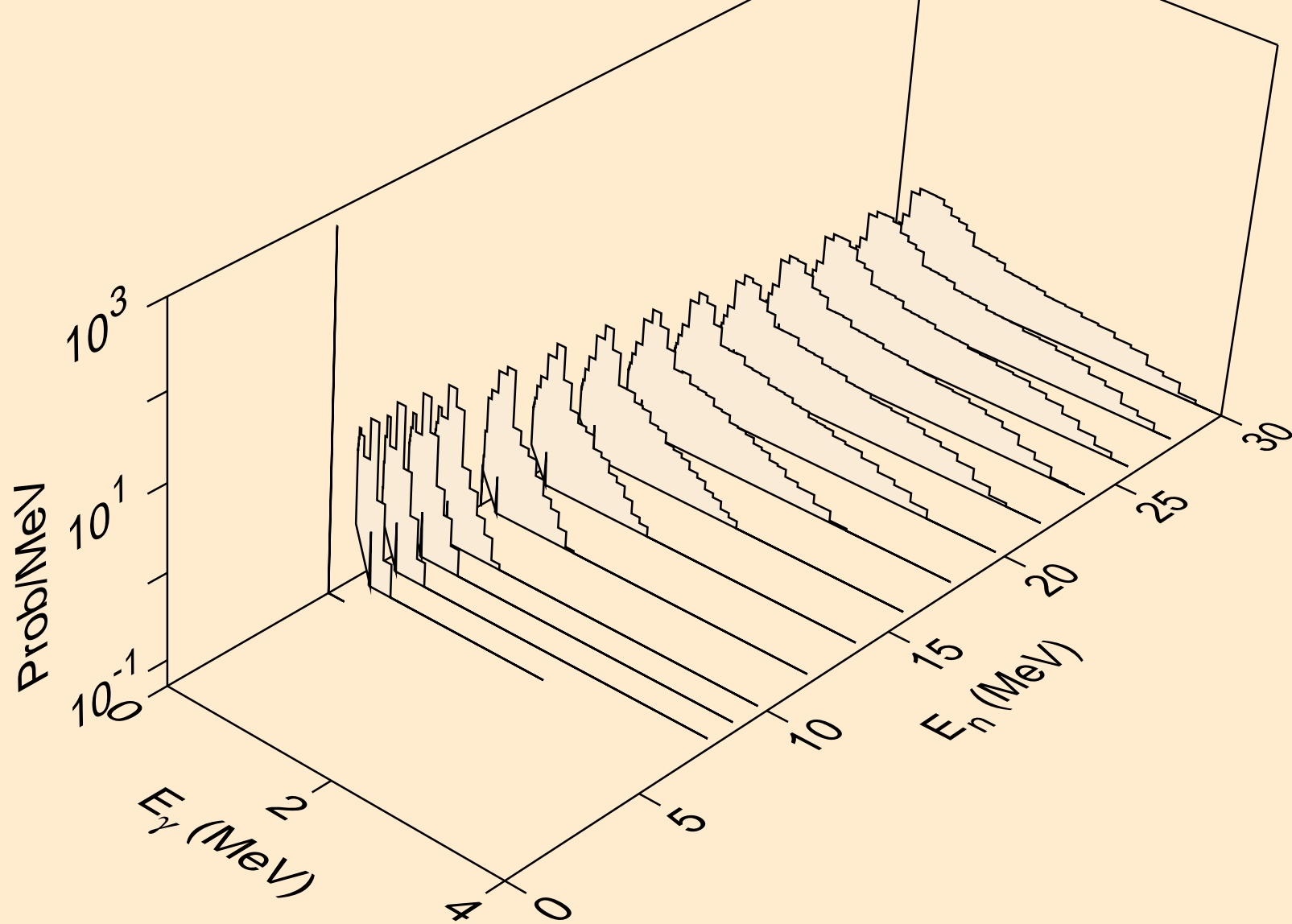
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Photon emission for (n,a)



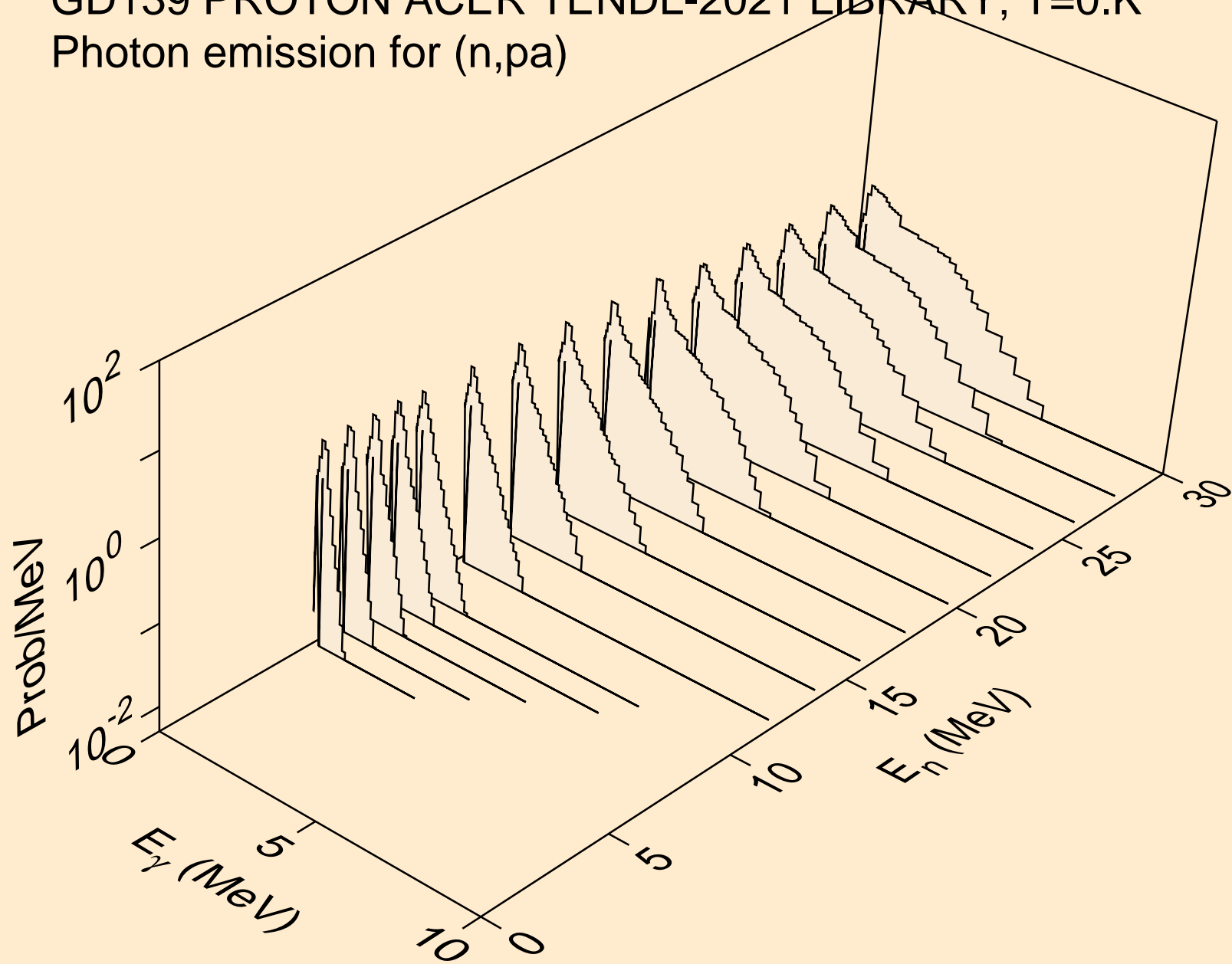
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

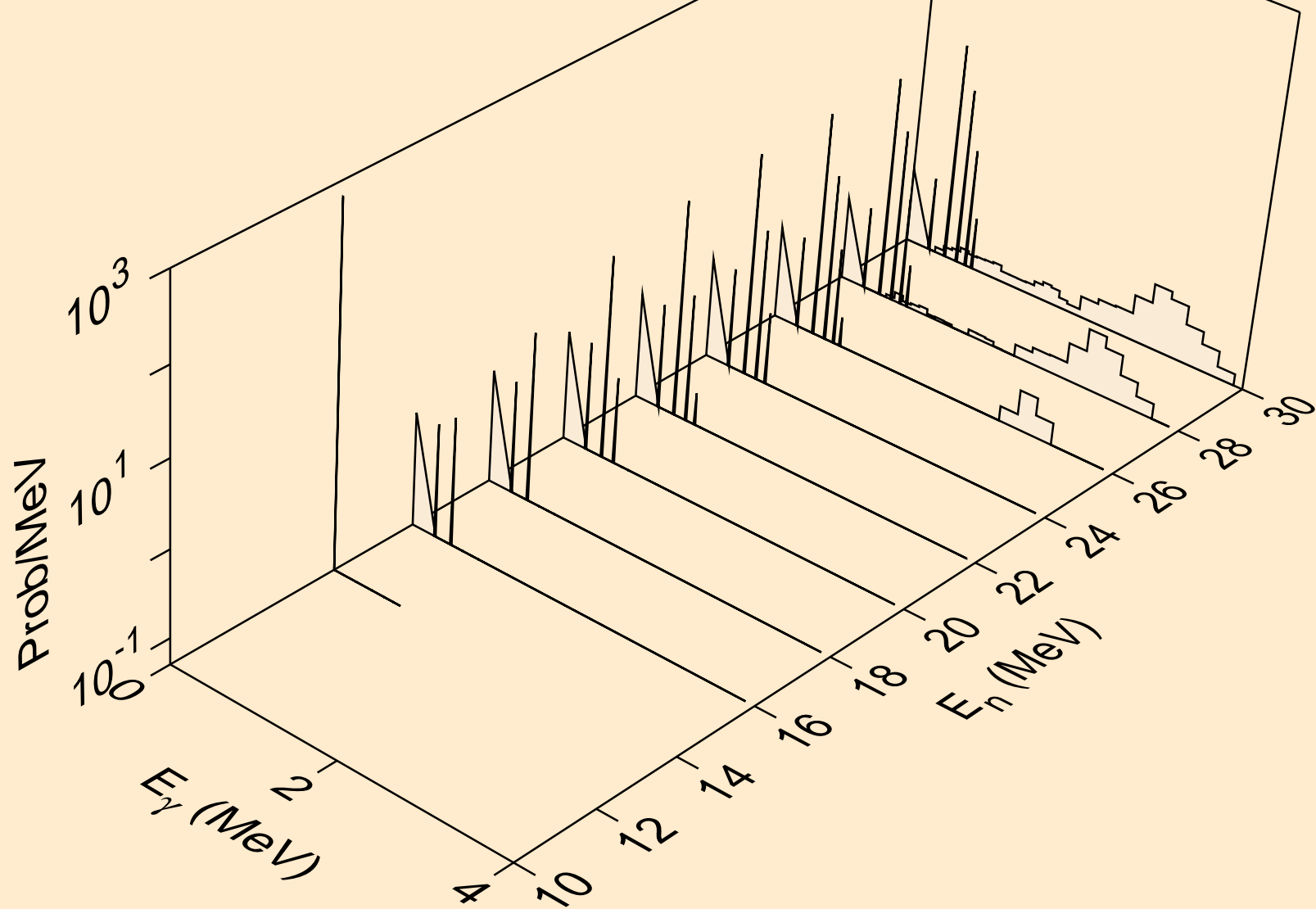


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Photon emission for (n,pa)

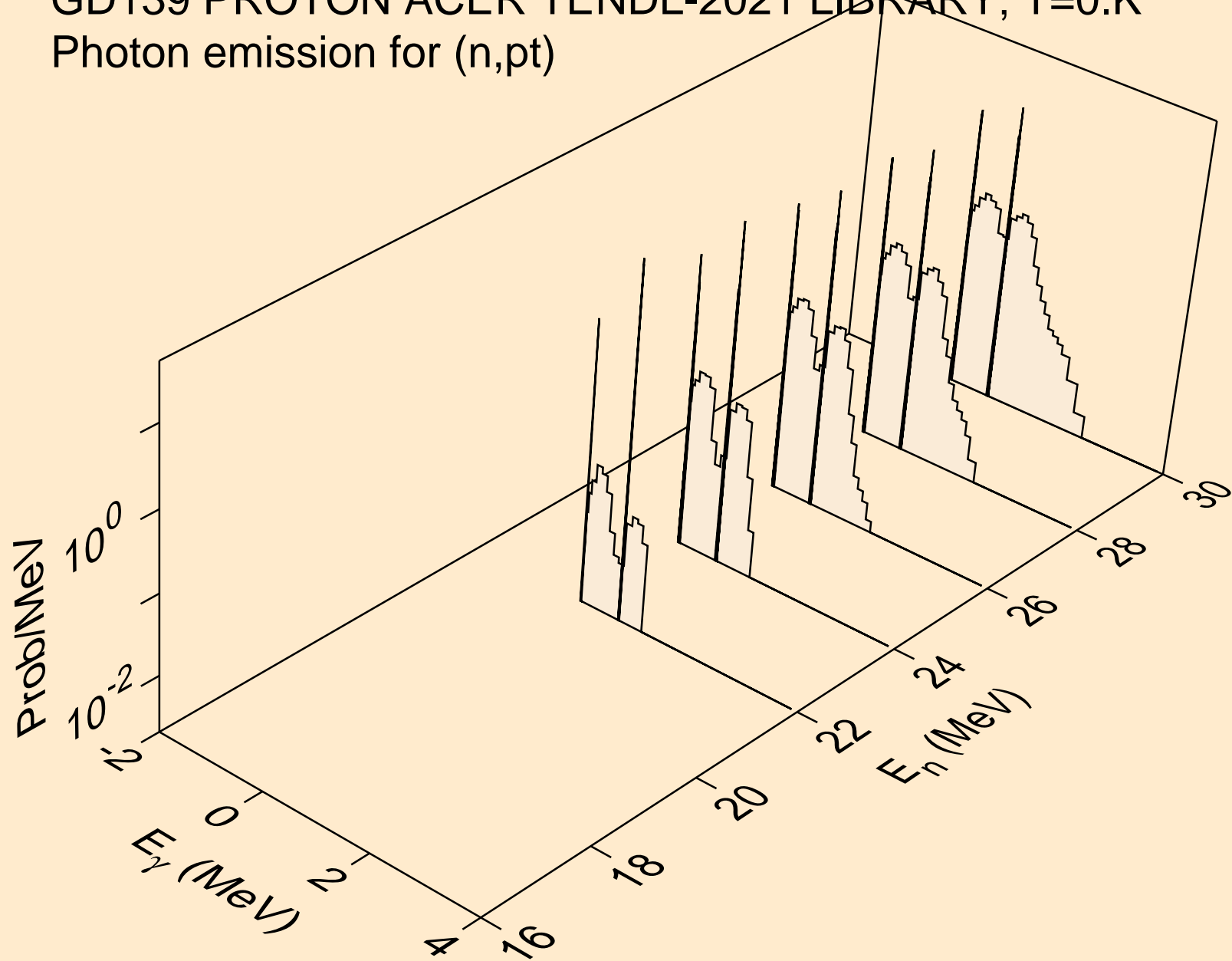




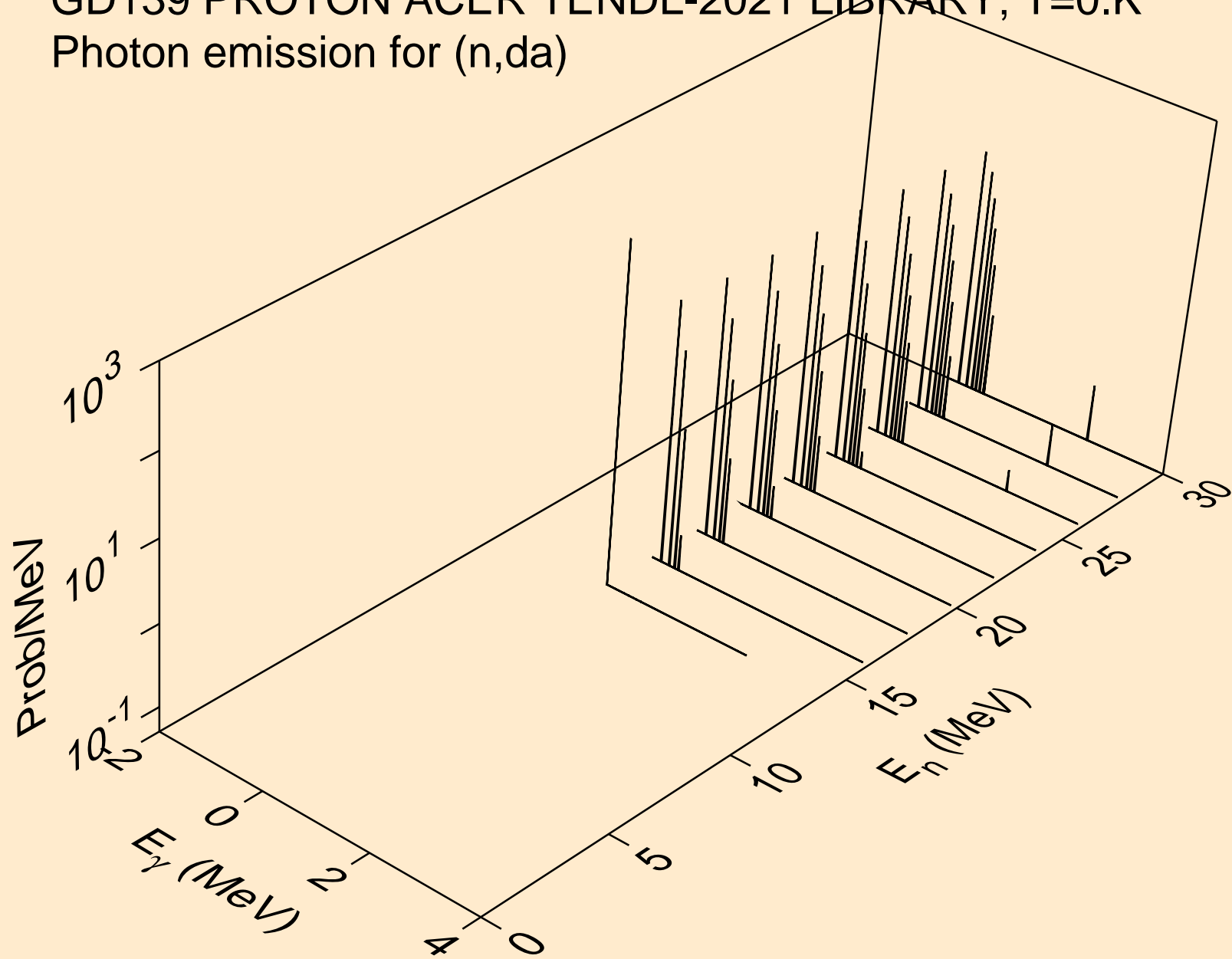
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Photon emission for (n,pd)



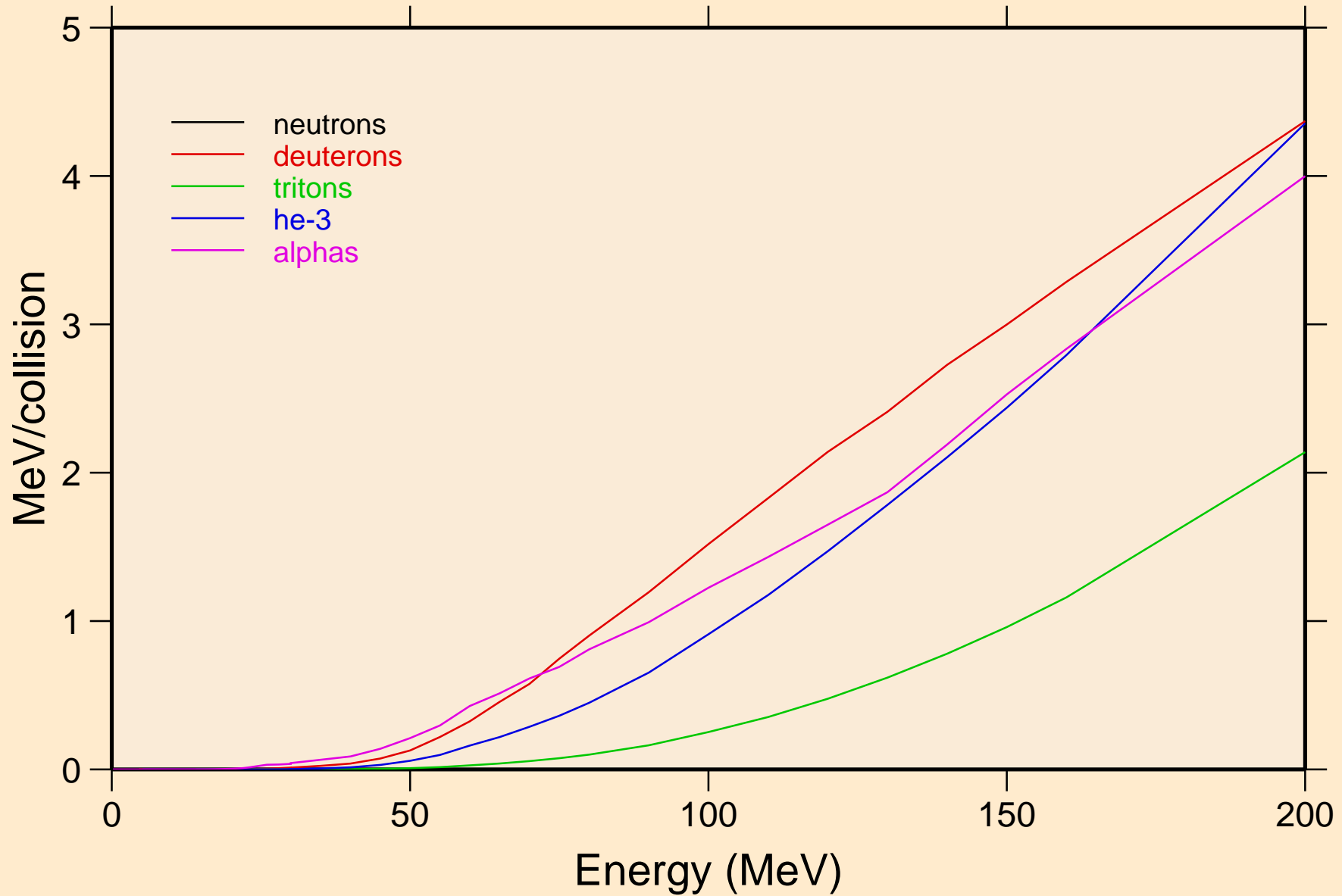
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Photon emission for (n,pt)



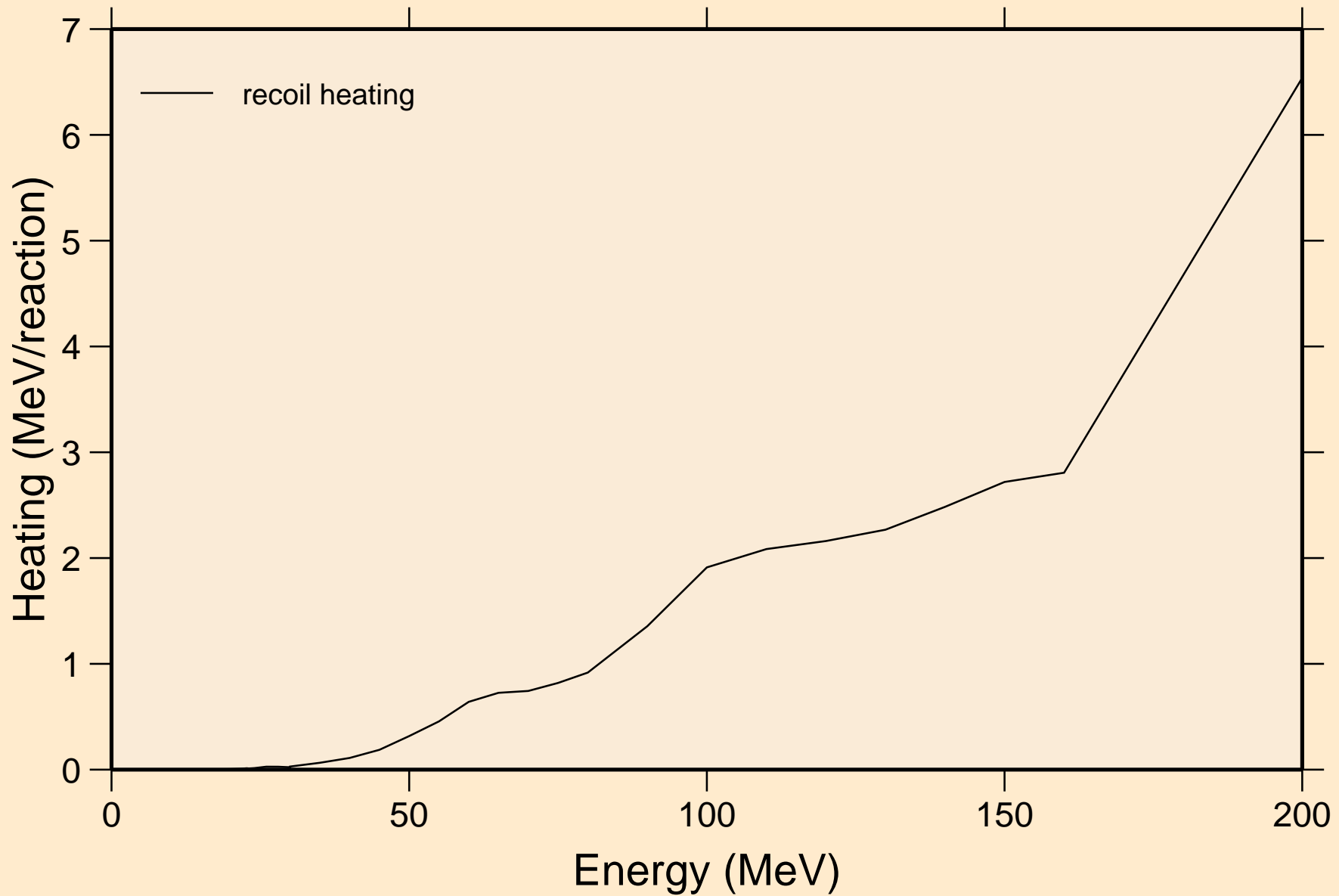
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Photon emission for (n,da)



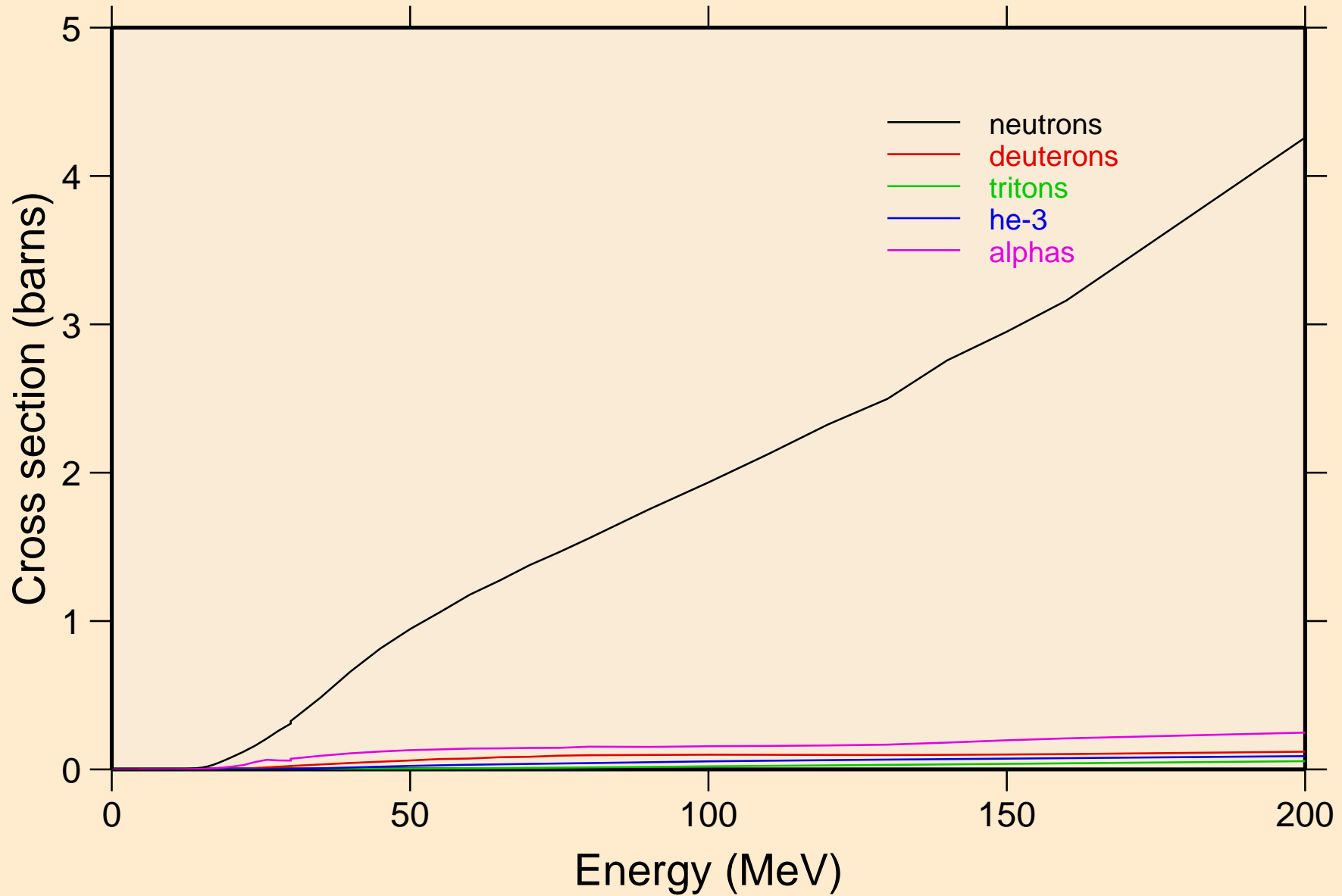
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Particle heating contributions



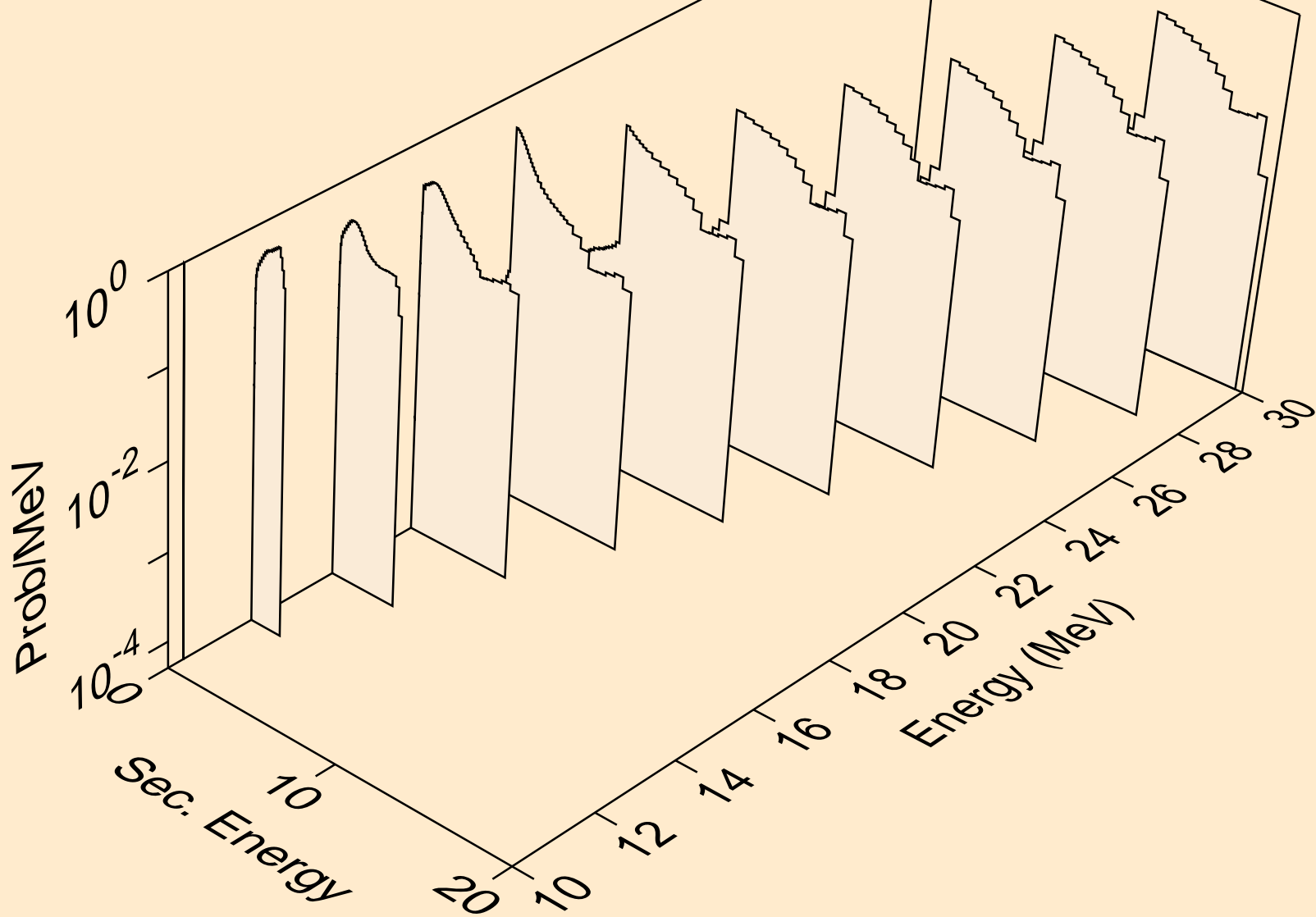
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Recoil Heating



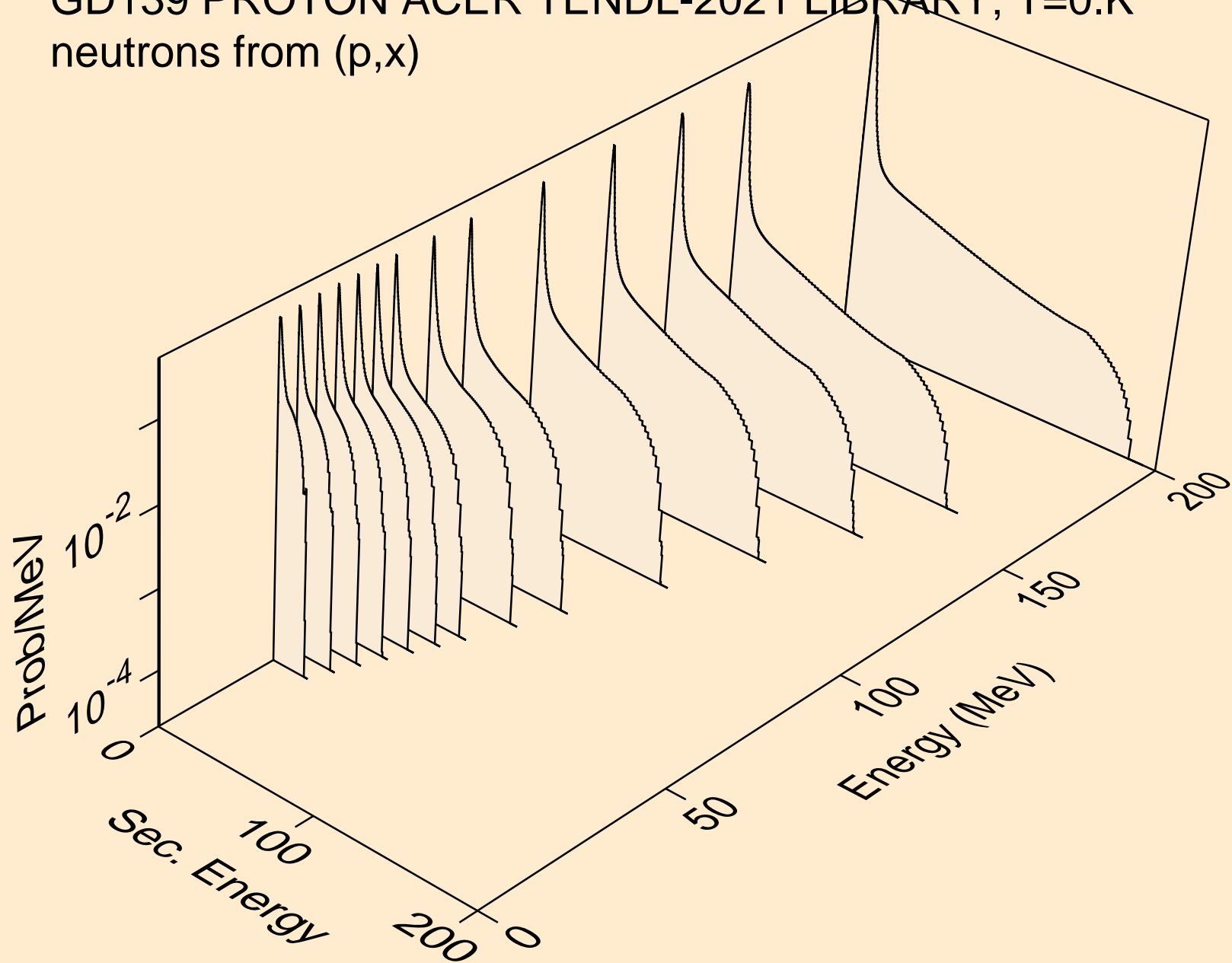
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)

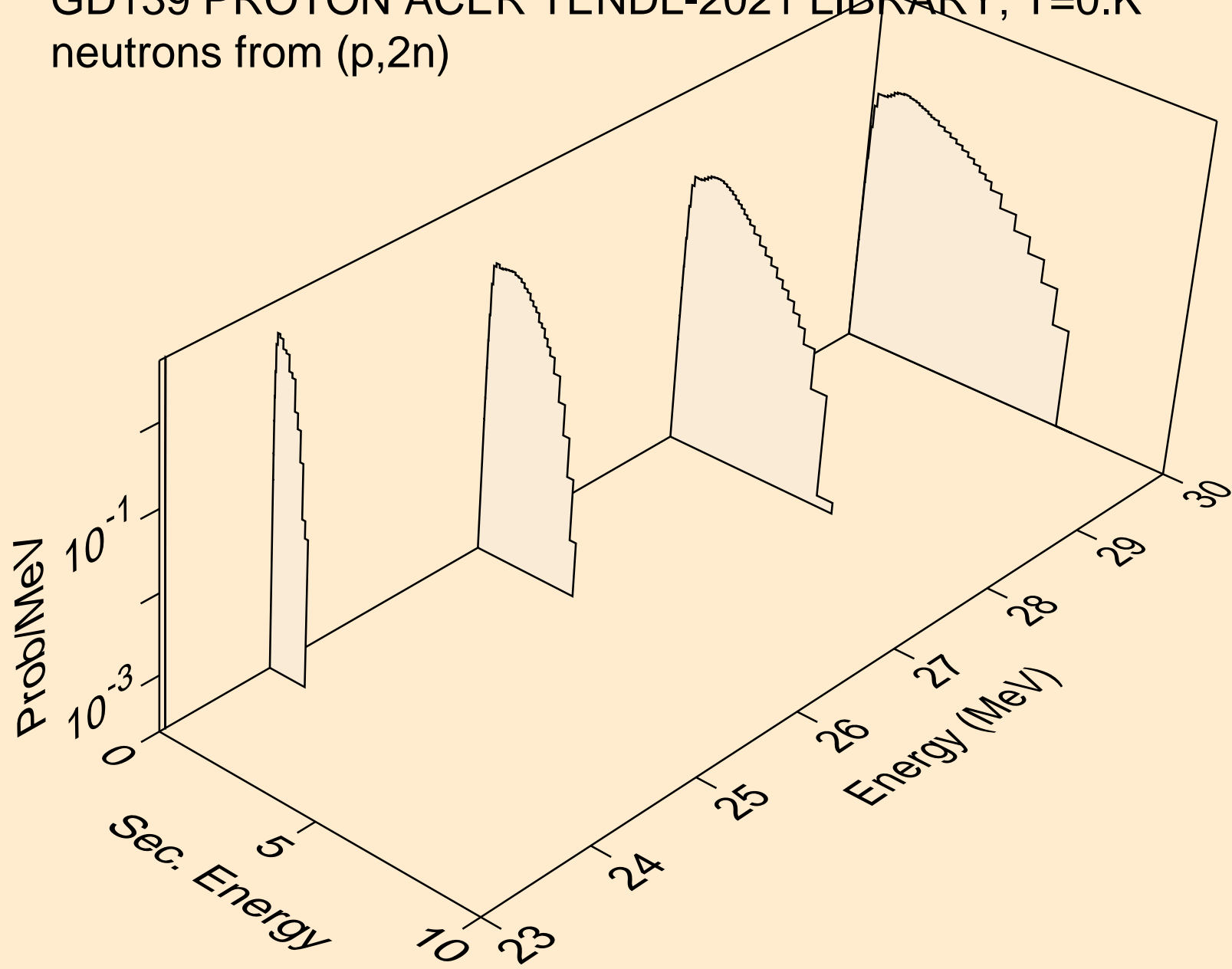


GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)

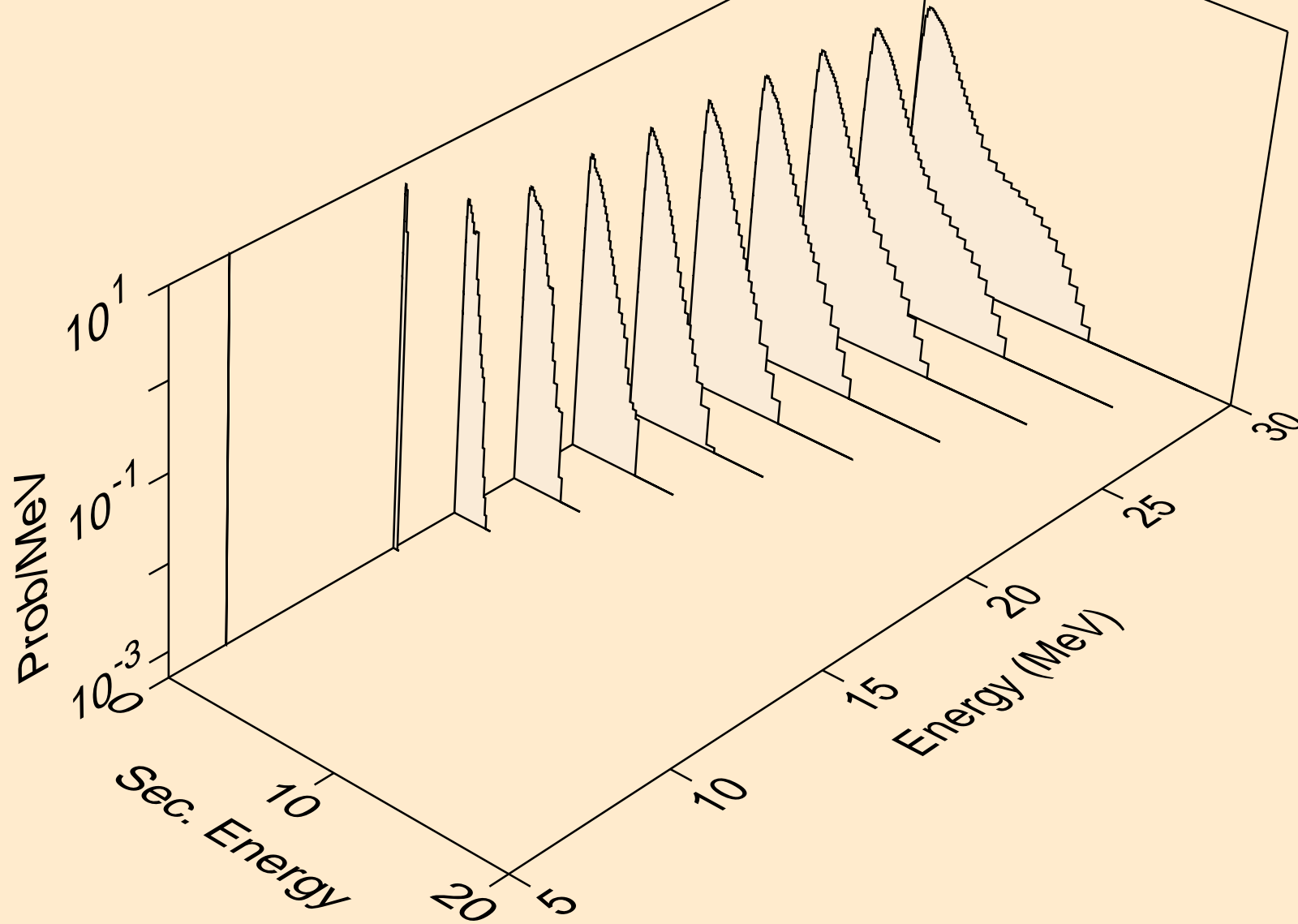




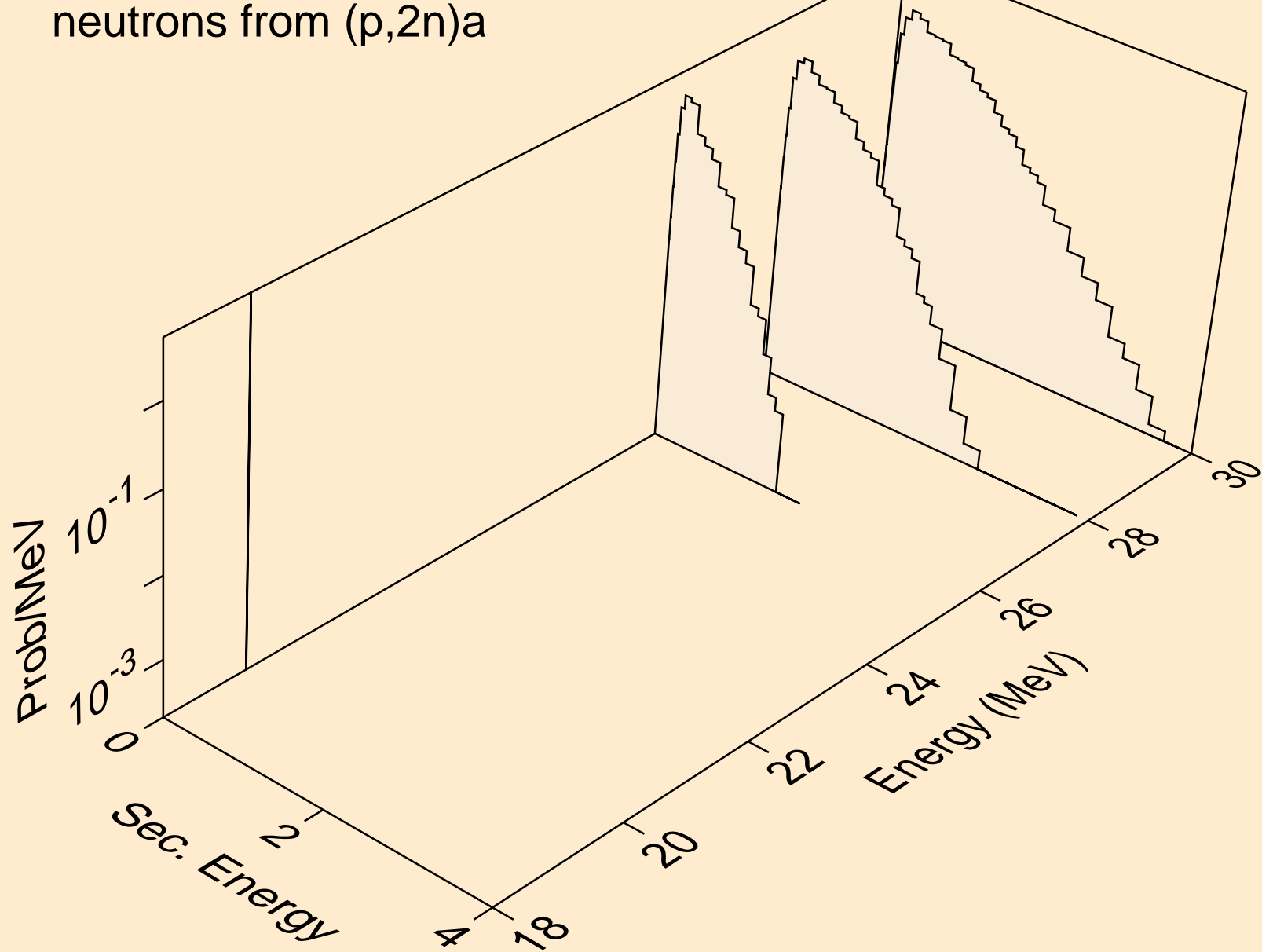
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neutrons from (p,2n)



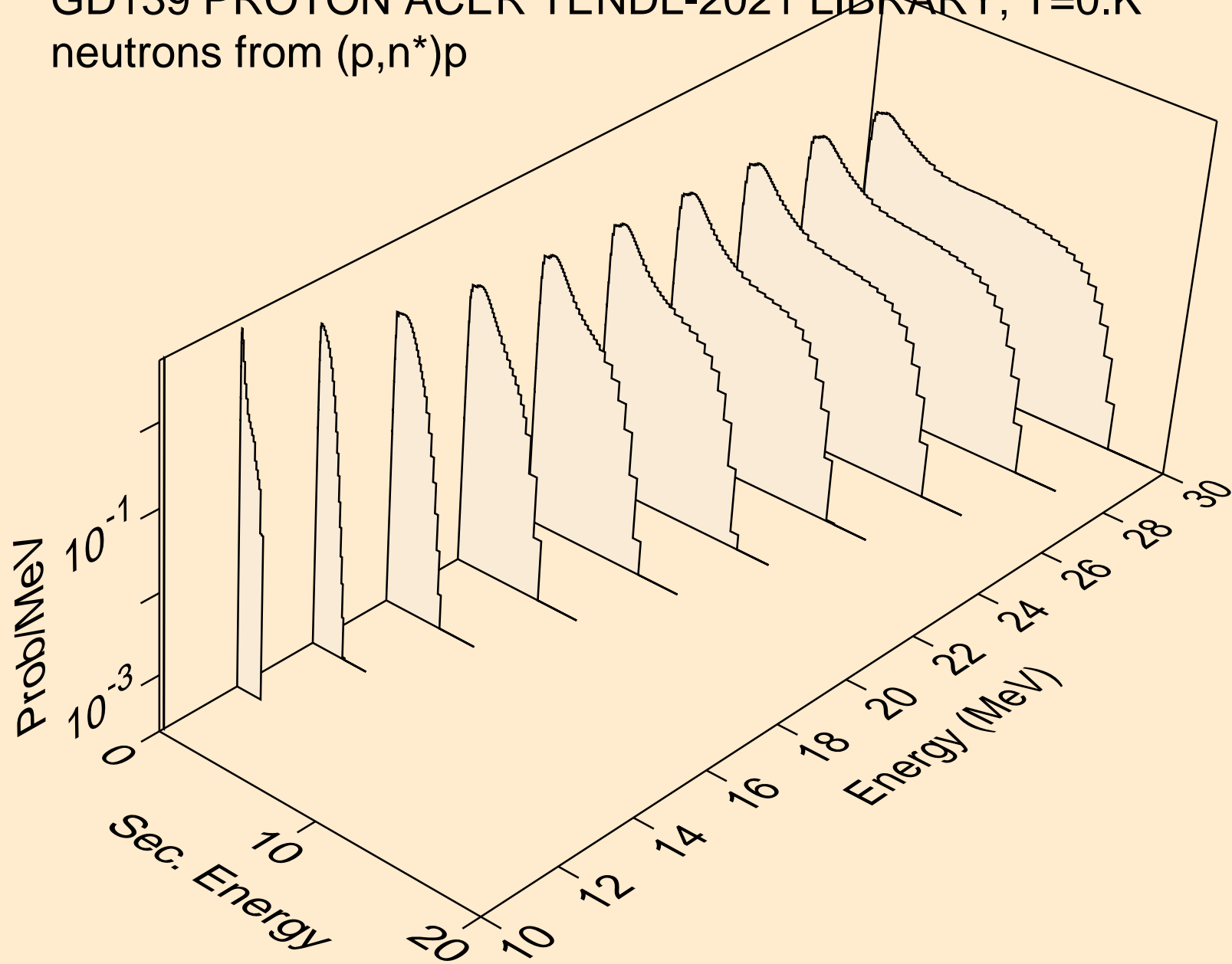
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



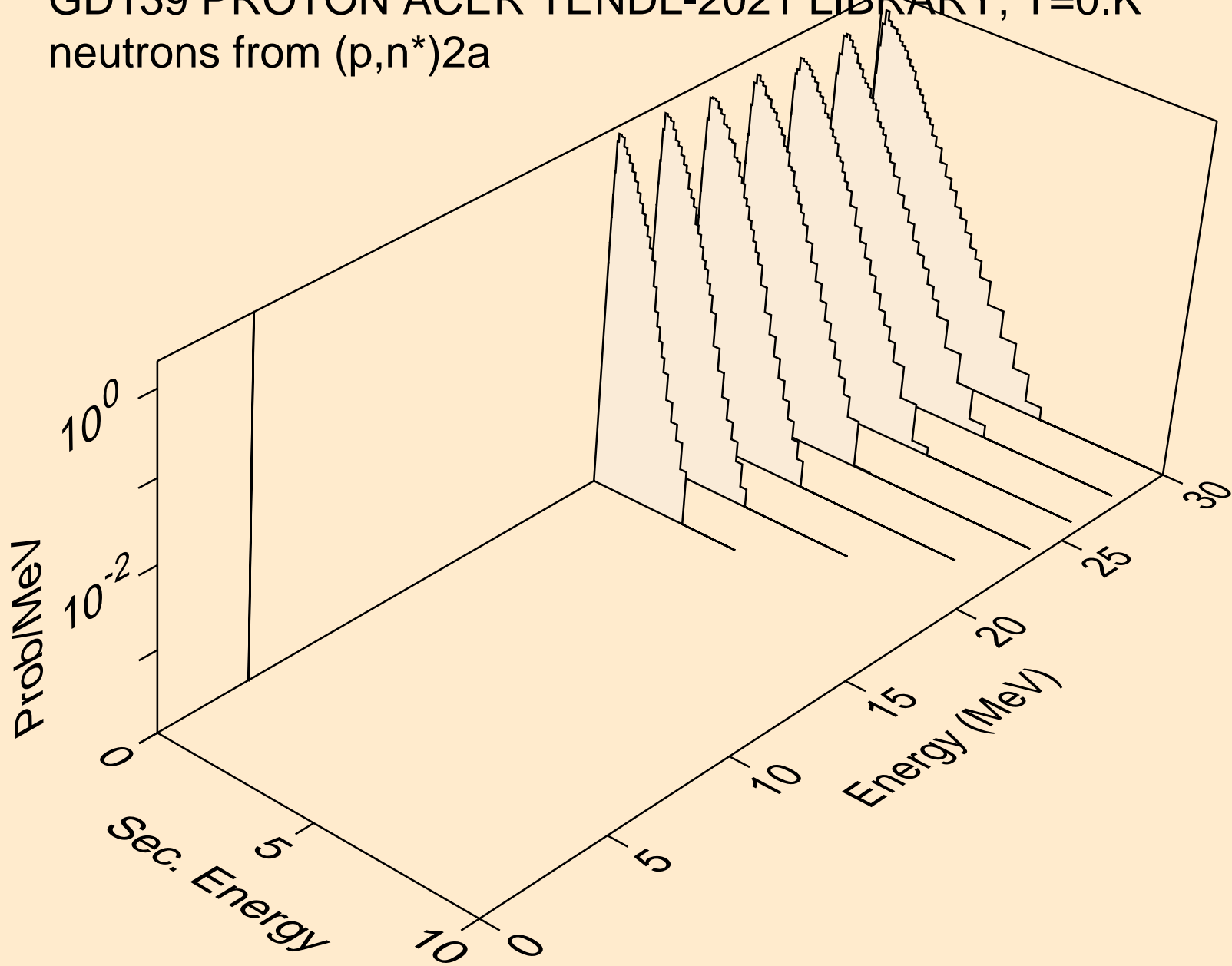
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neutrons from (p,2n)a



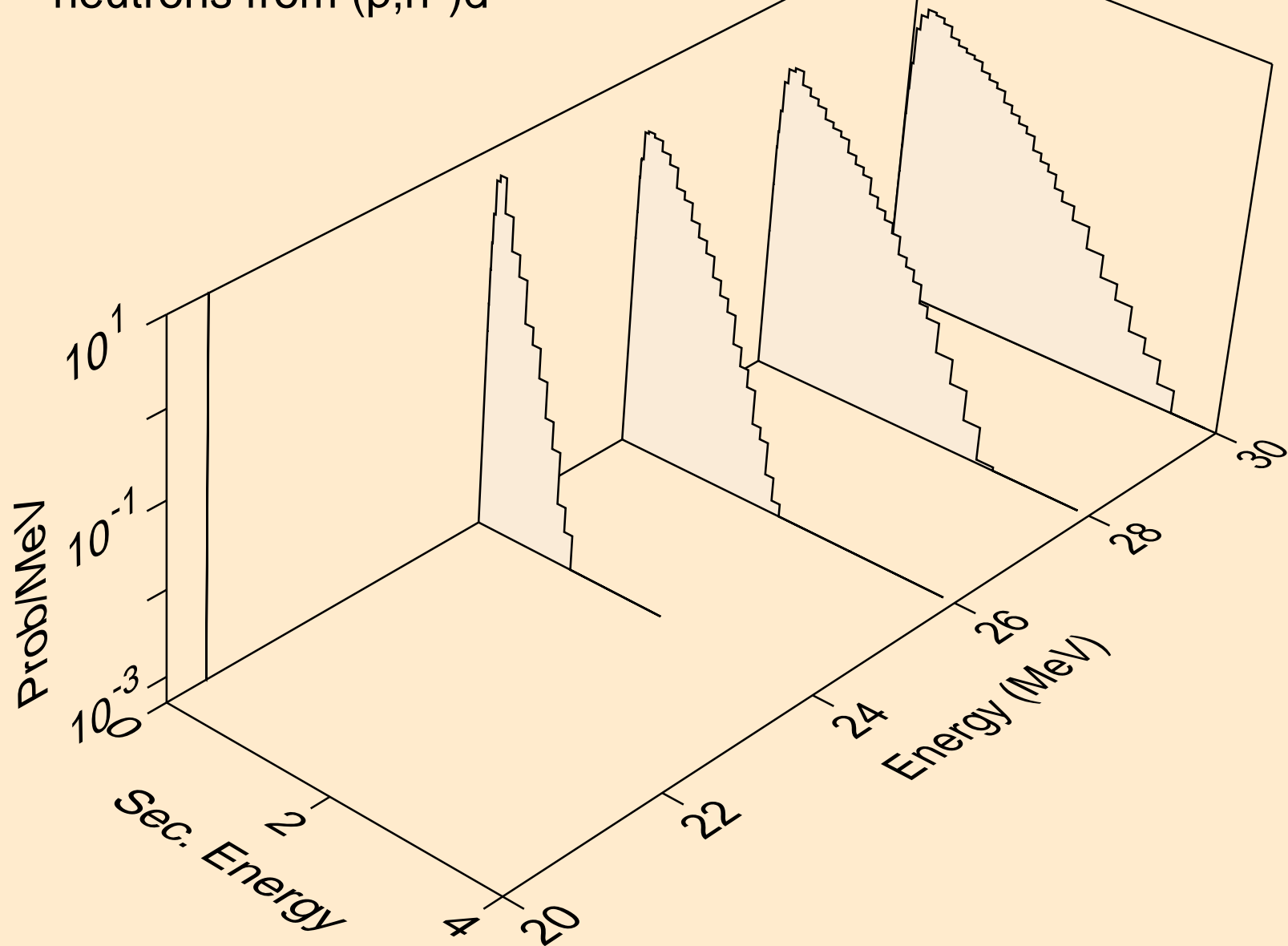
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neutrons from (p,n\*)p



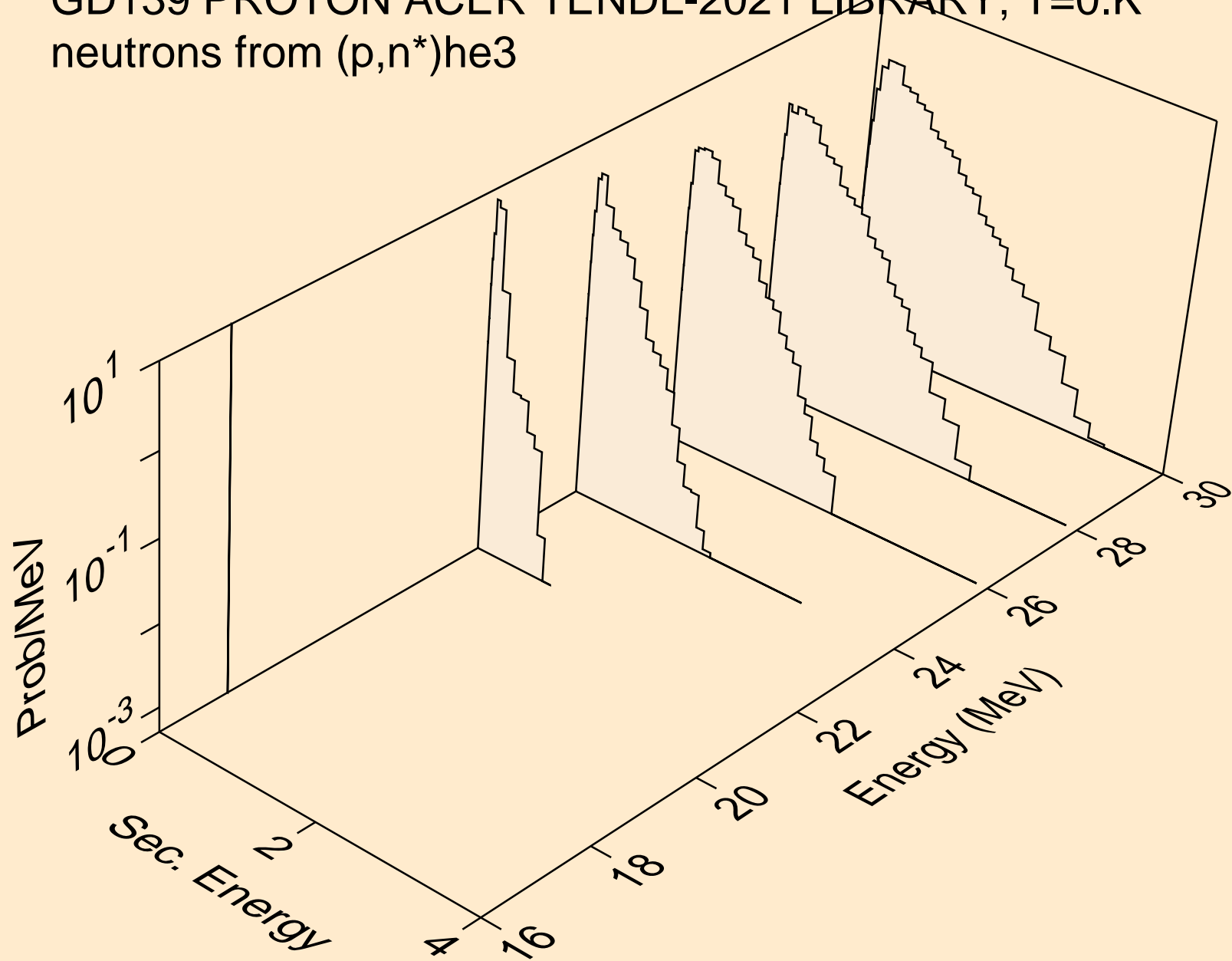
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neutrons from (p,n\*)2a



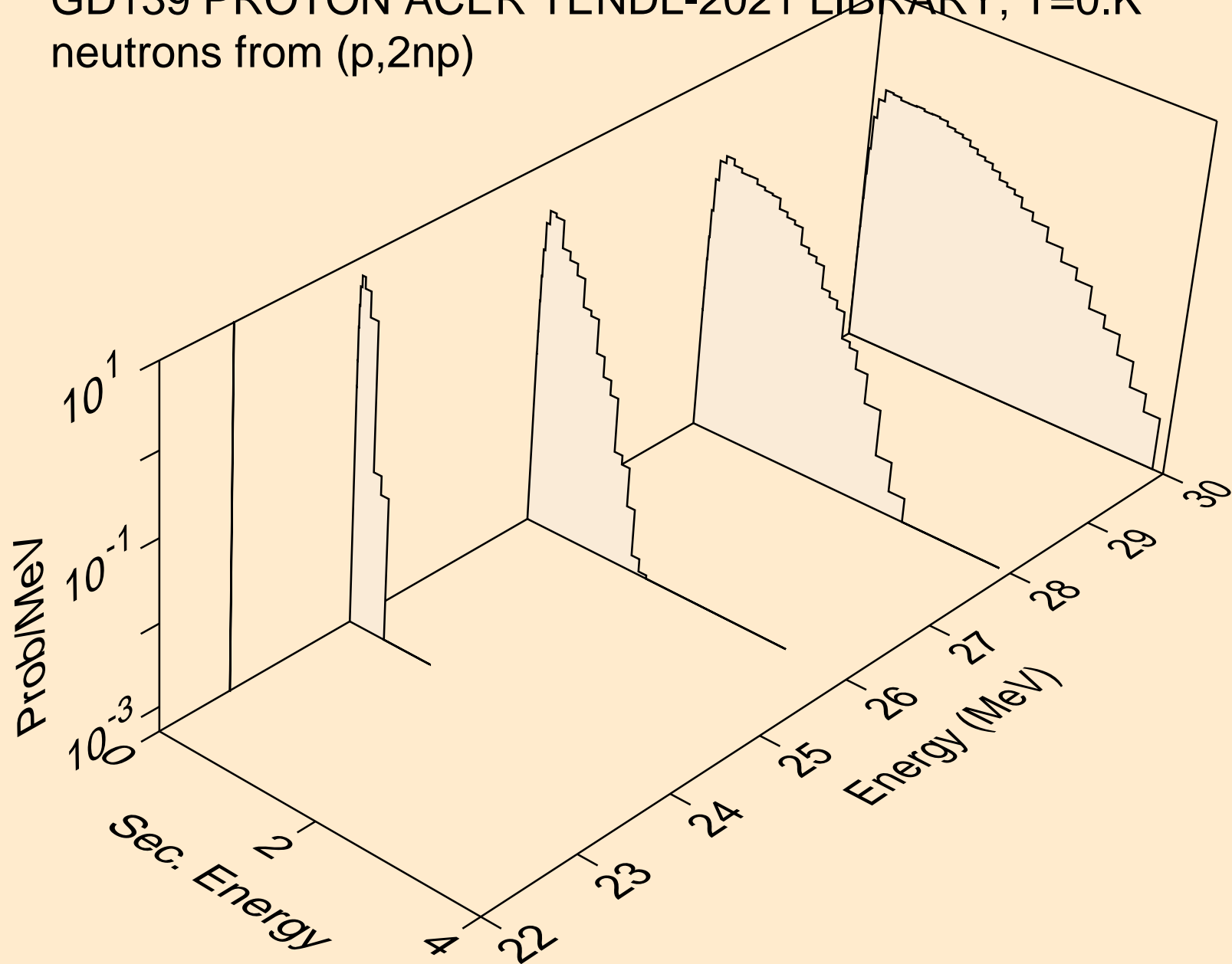
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d



GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

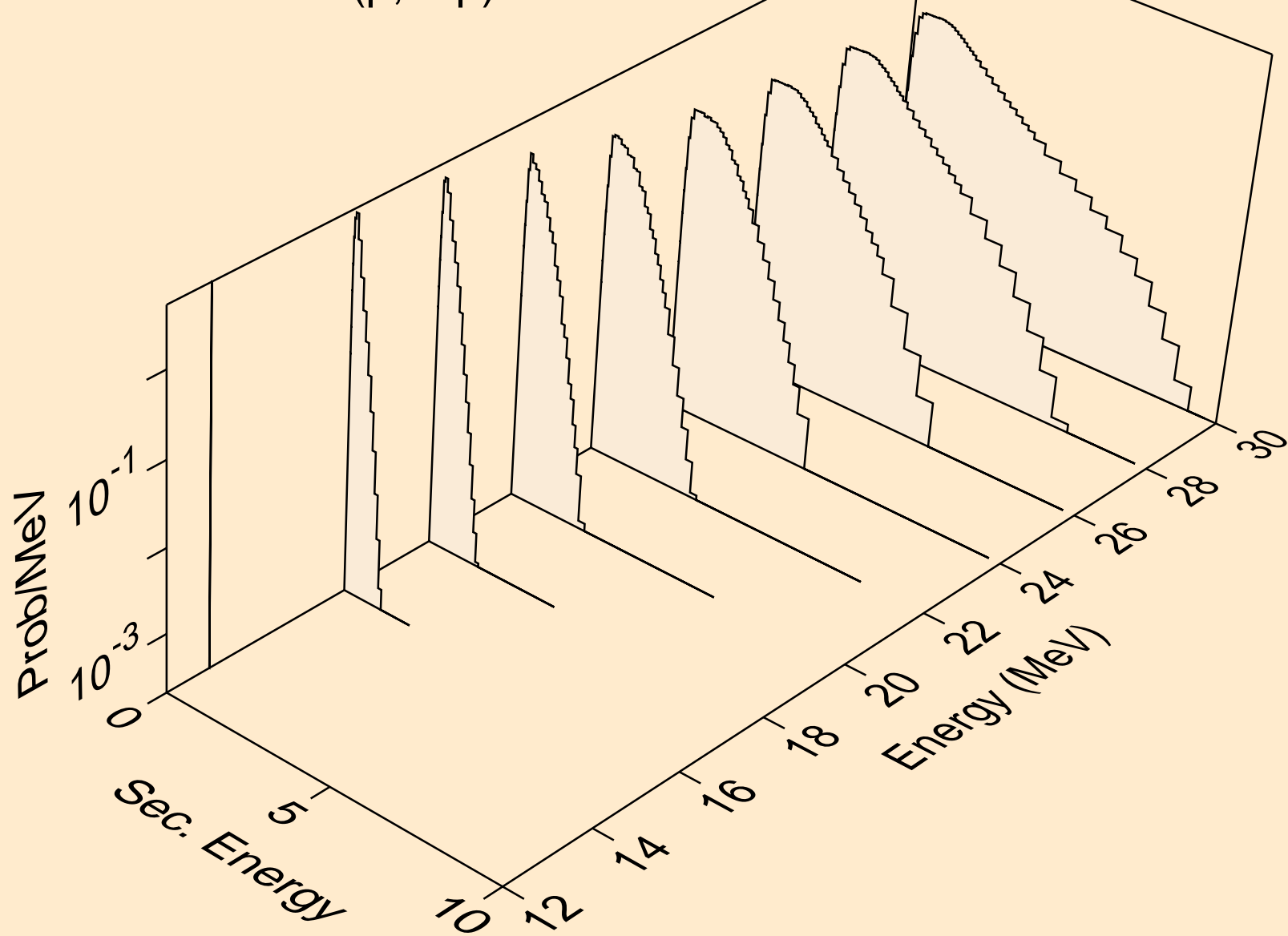


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neutrons from (p,2np)

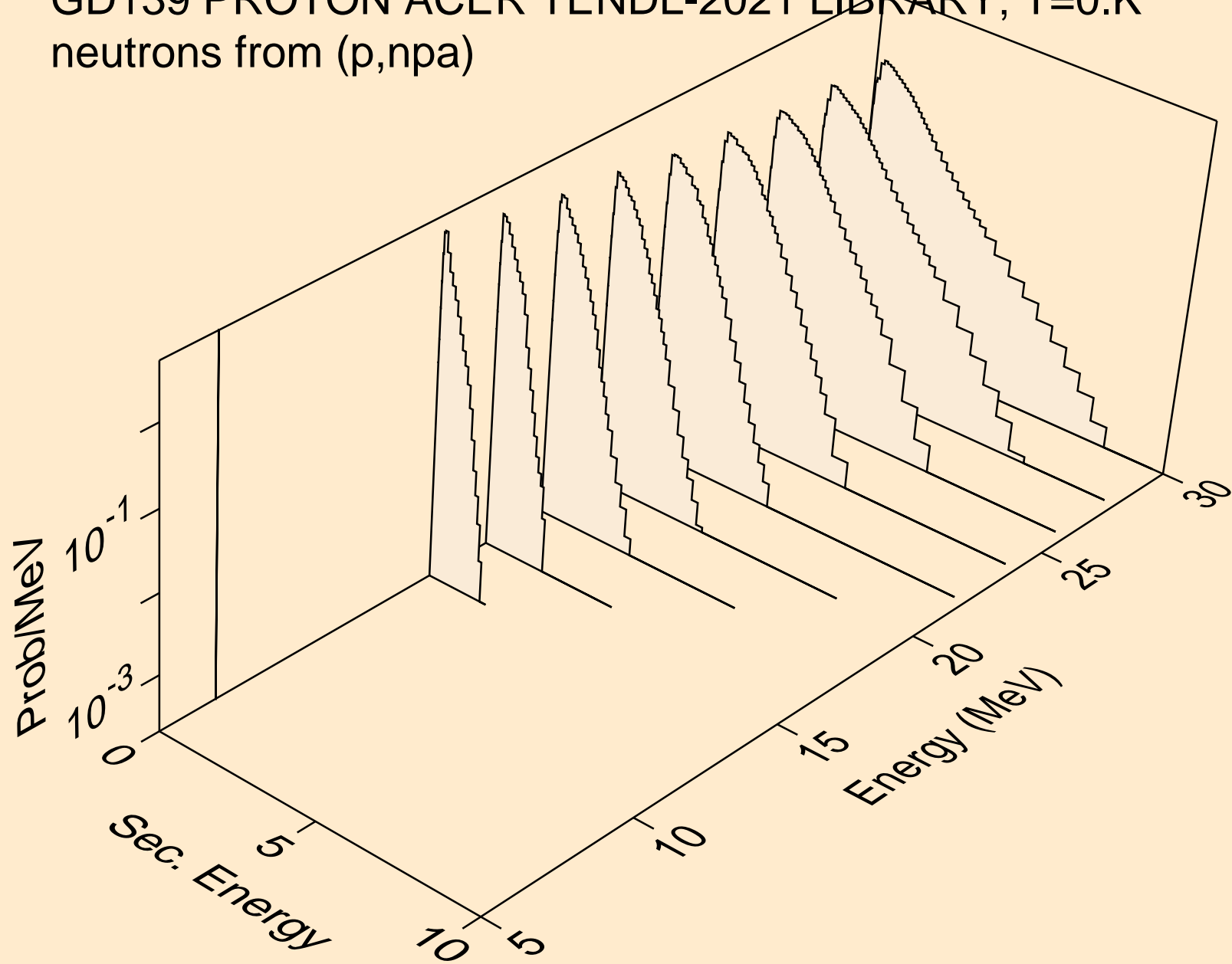




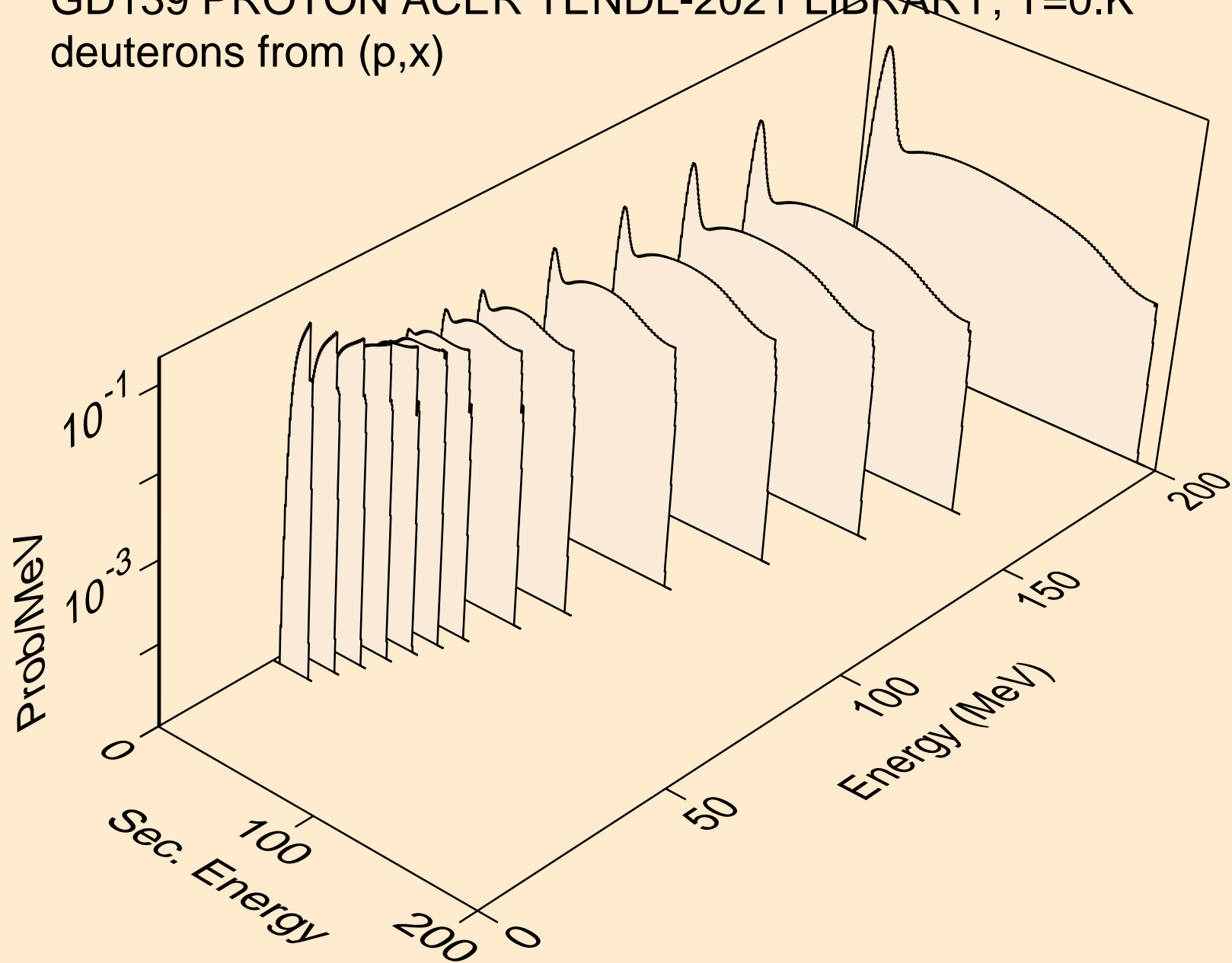
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neutrons from (p,2np)



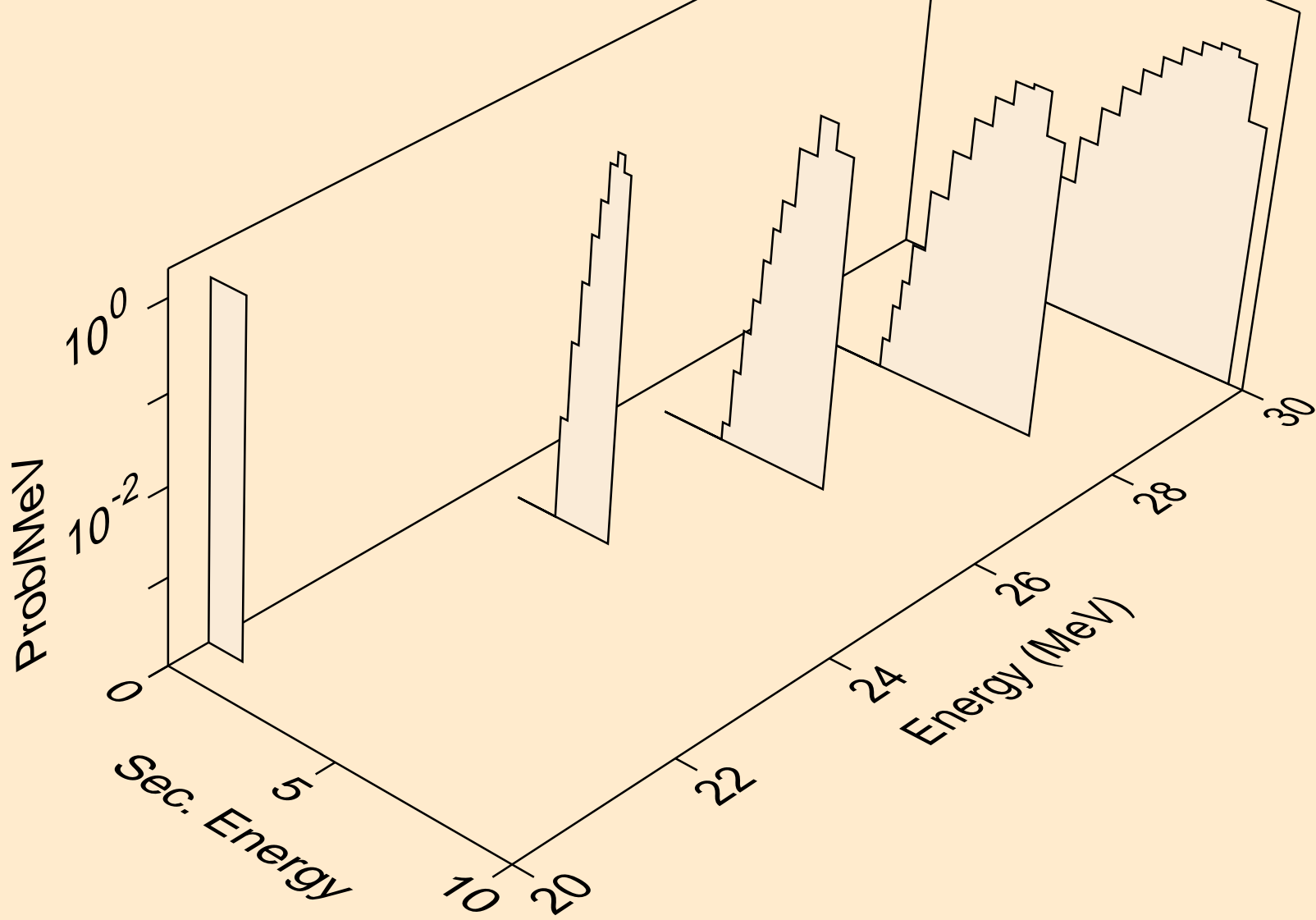
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neutrons from (p,npa)



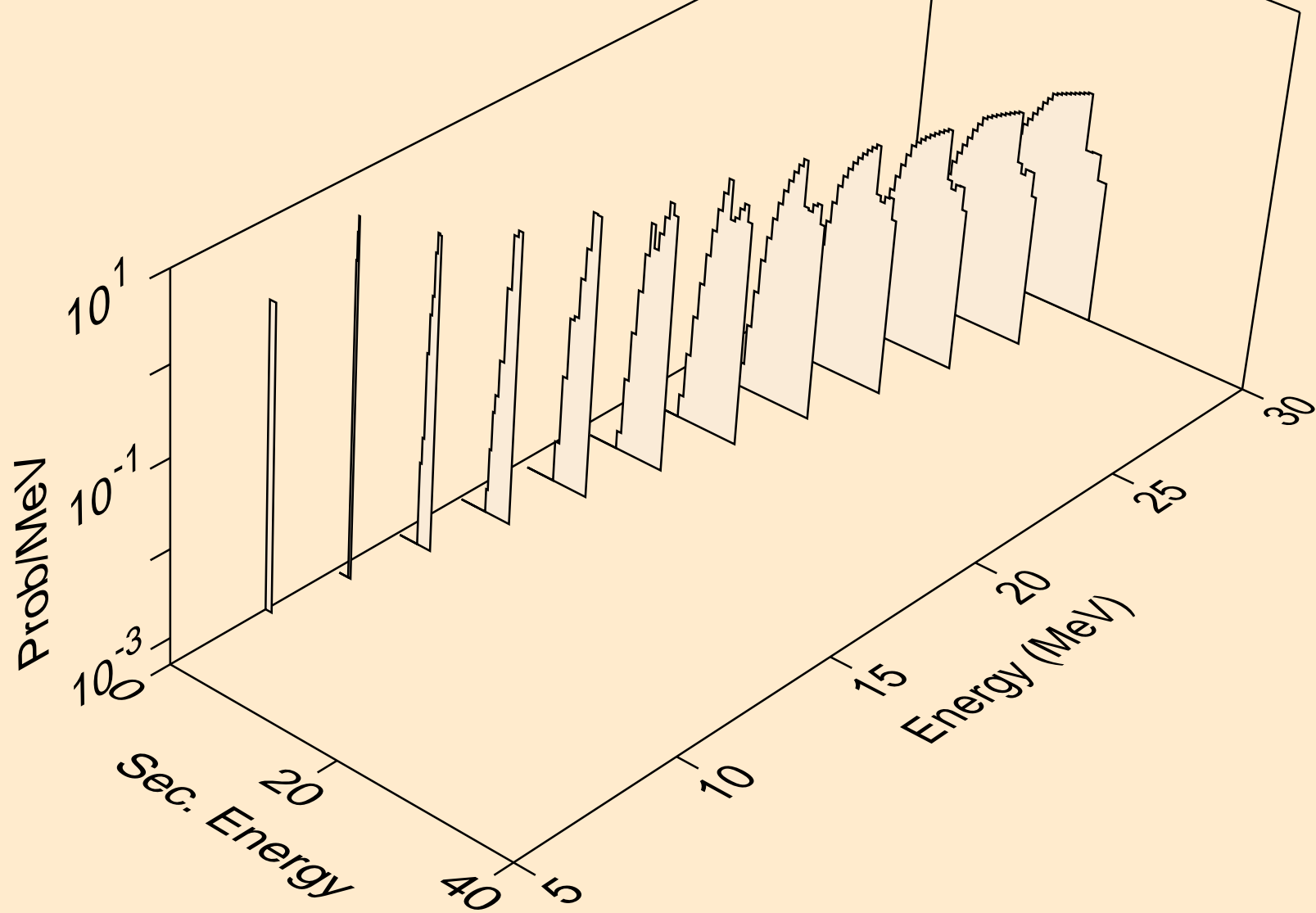
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deuterons from (p,x)



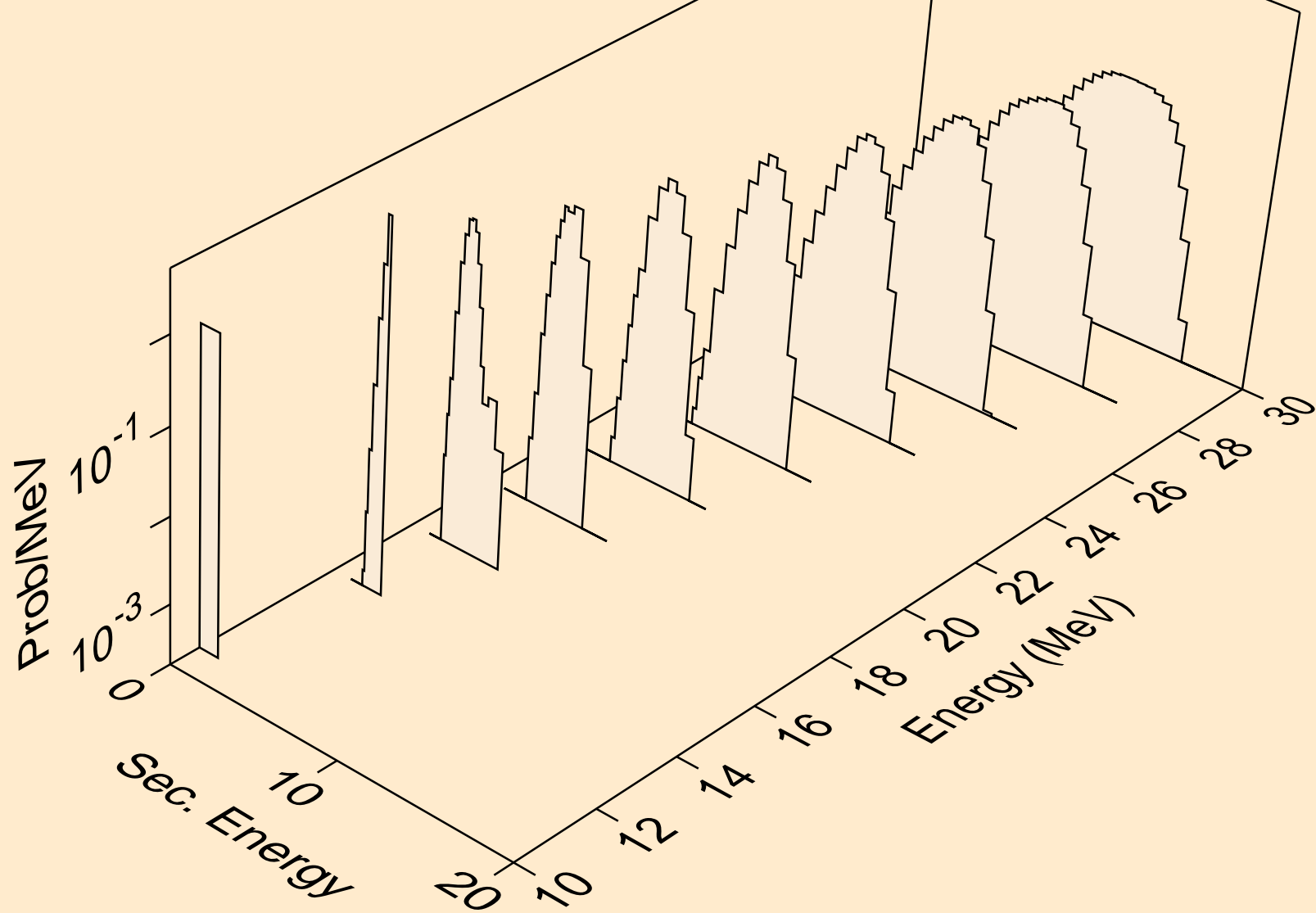
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deuterons from (p,n\*)d



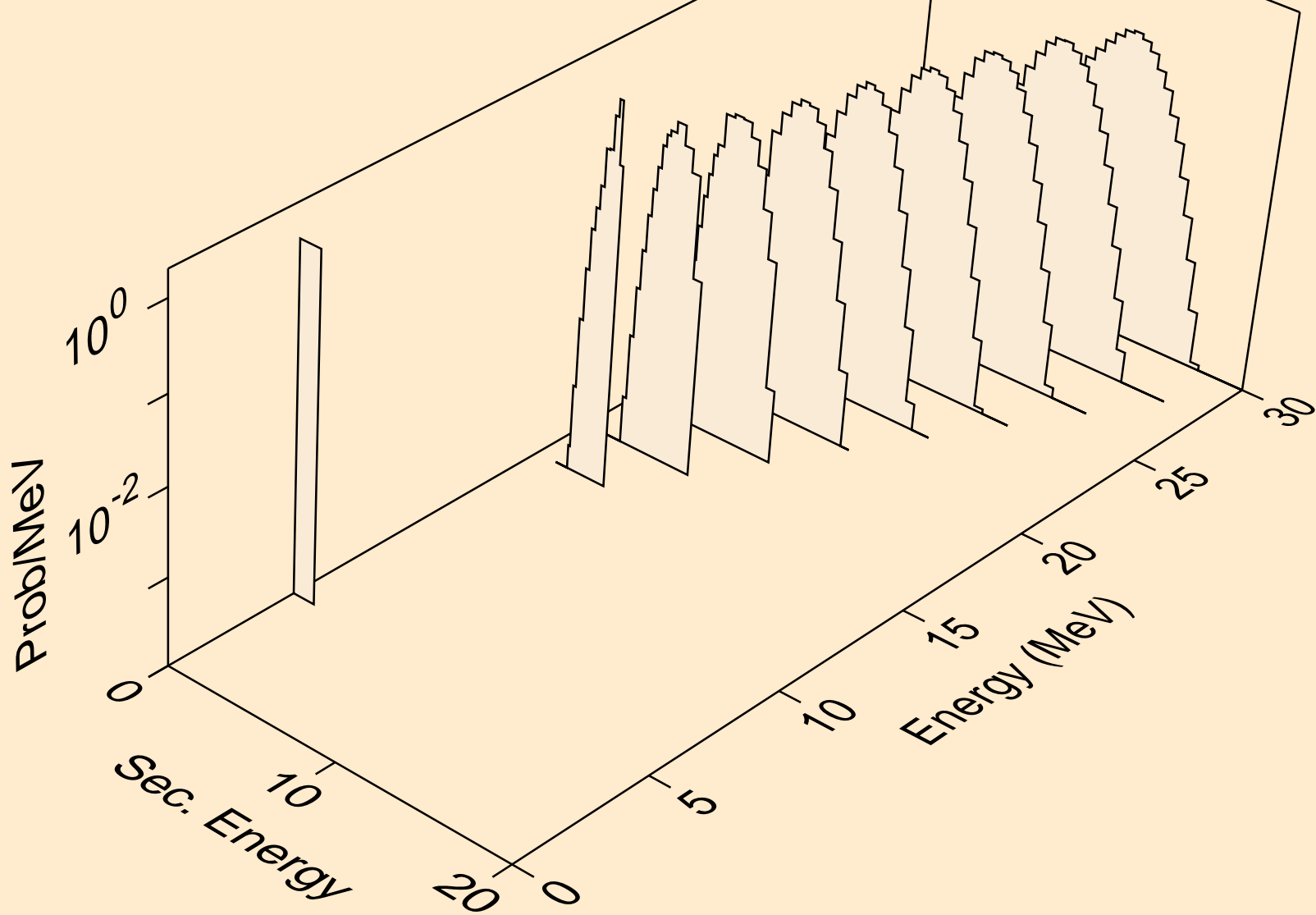
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deuterons from (p,d)



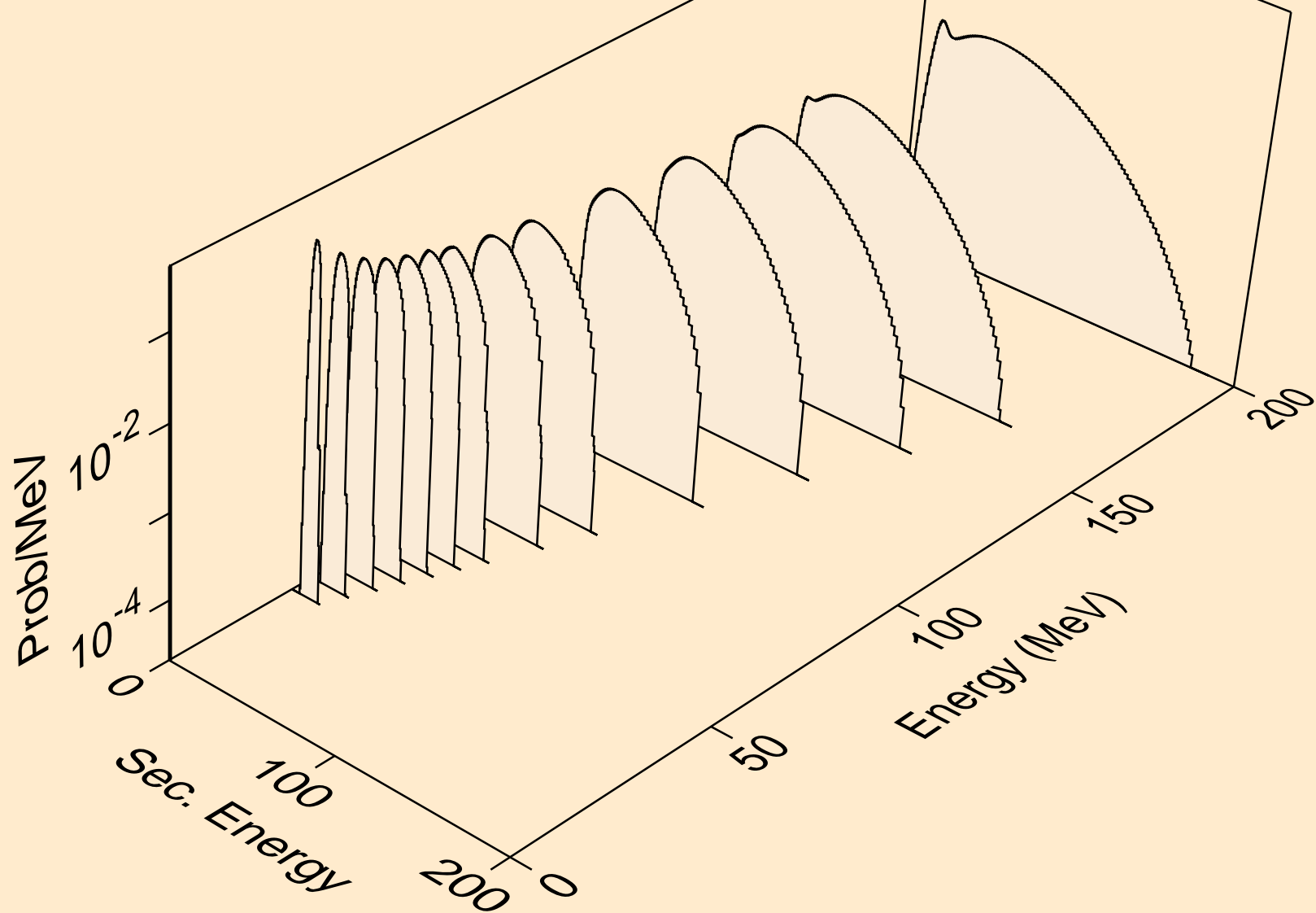
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)



GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)

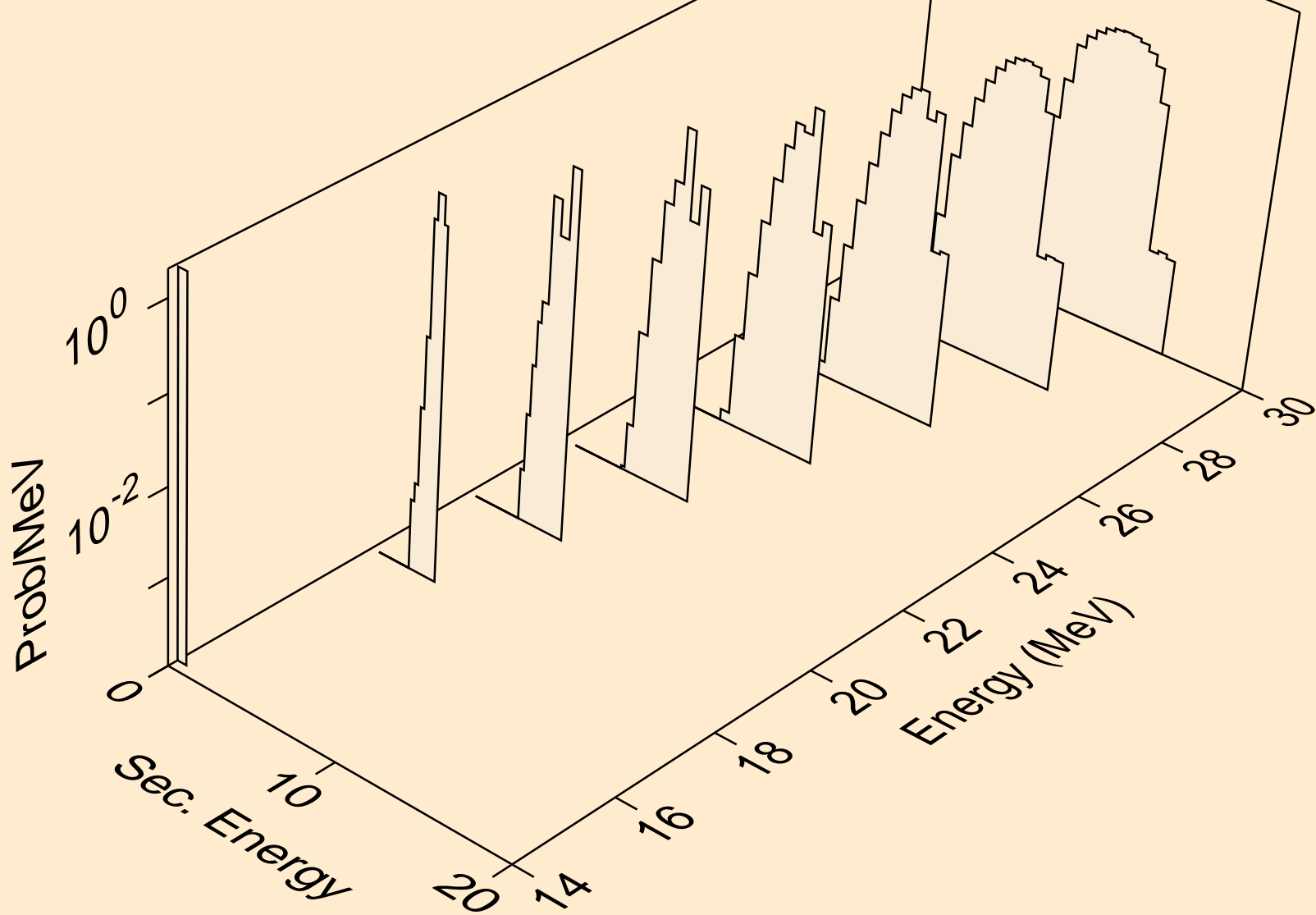


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tritons from (p,x)

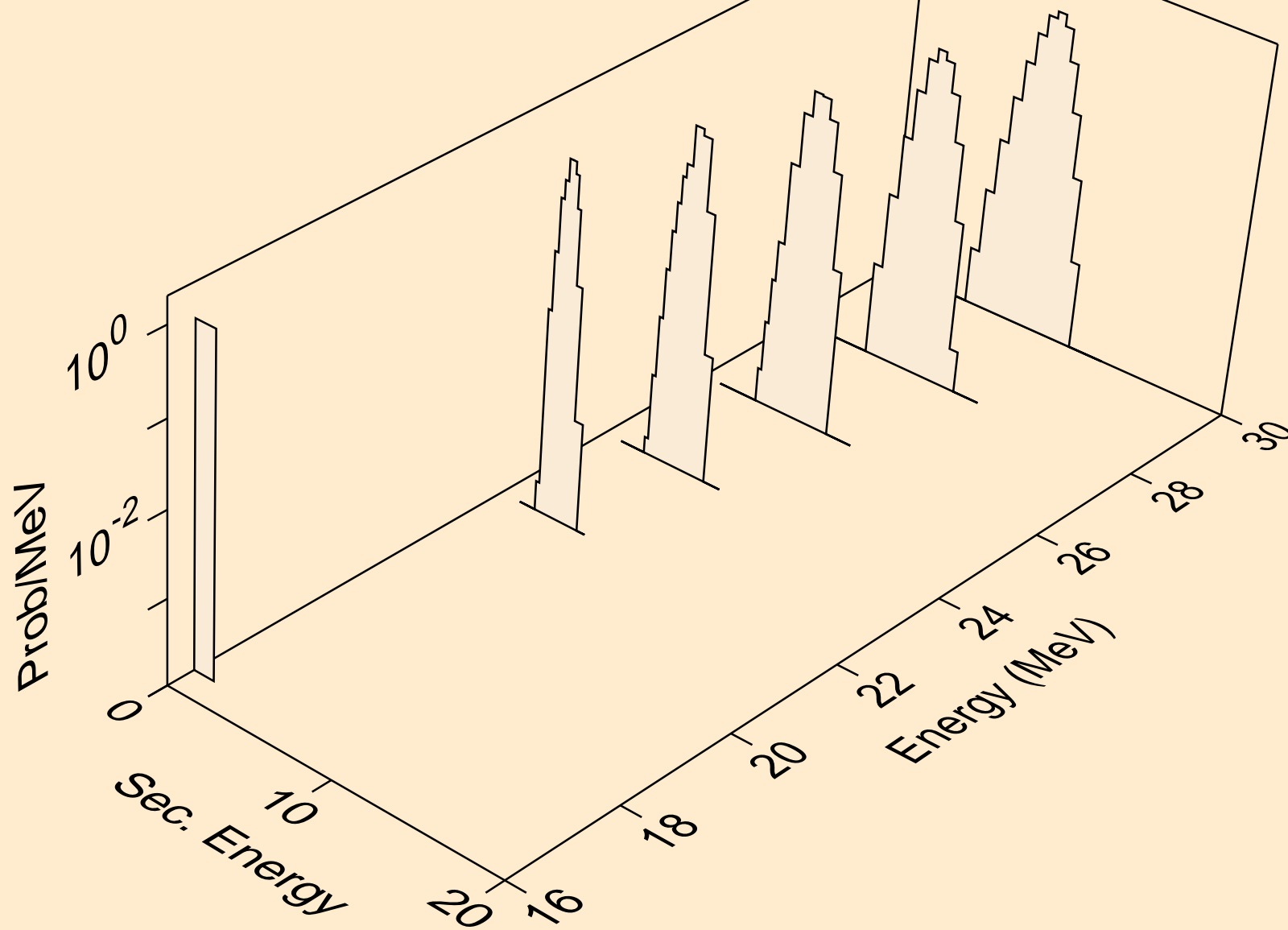




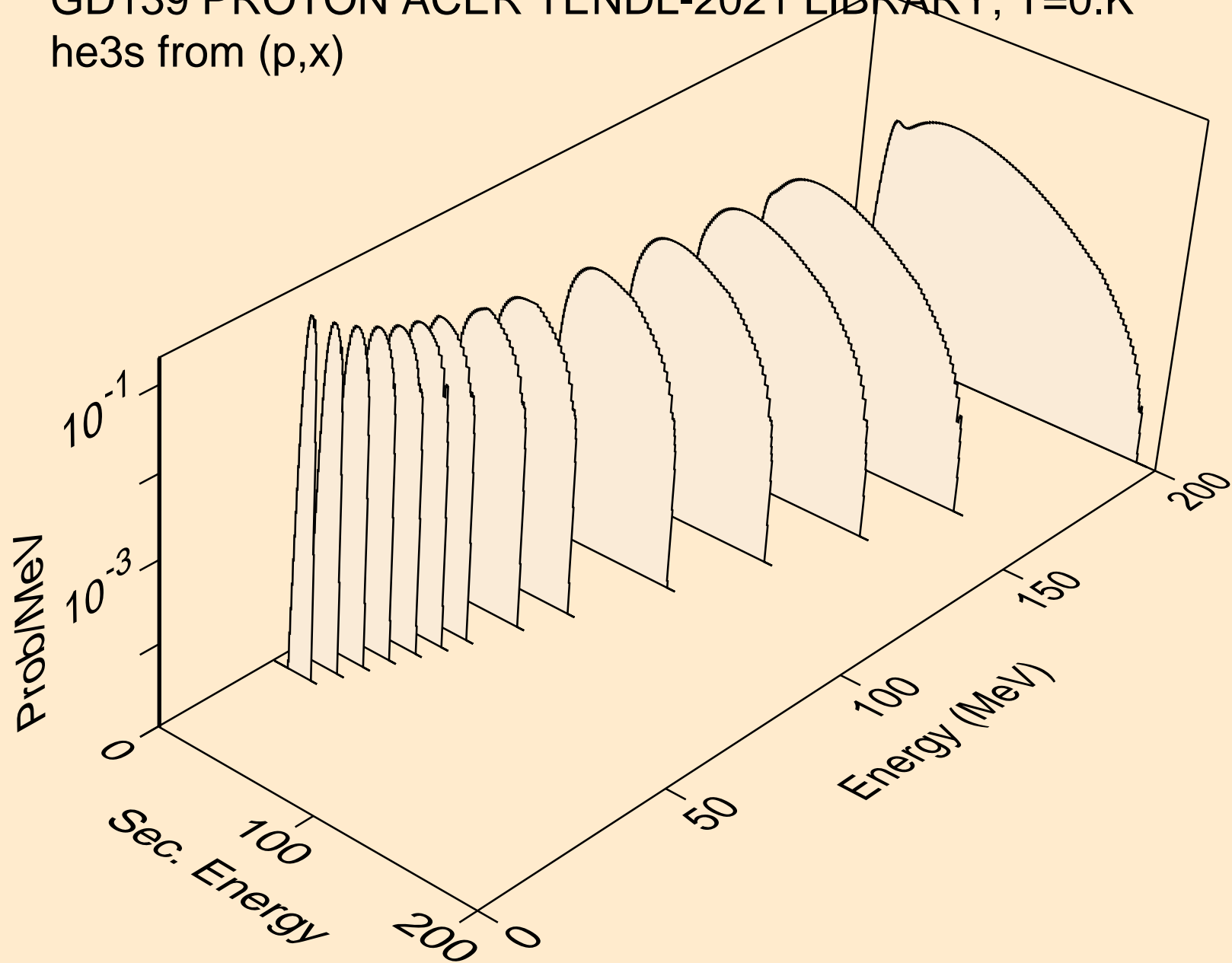
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tritons from (p,t)



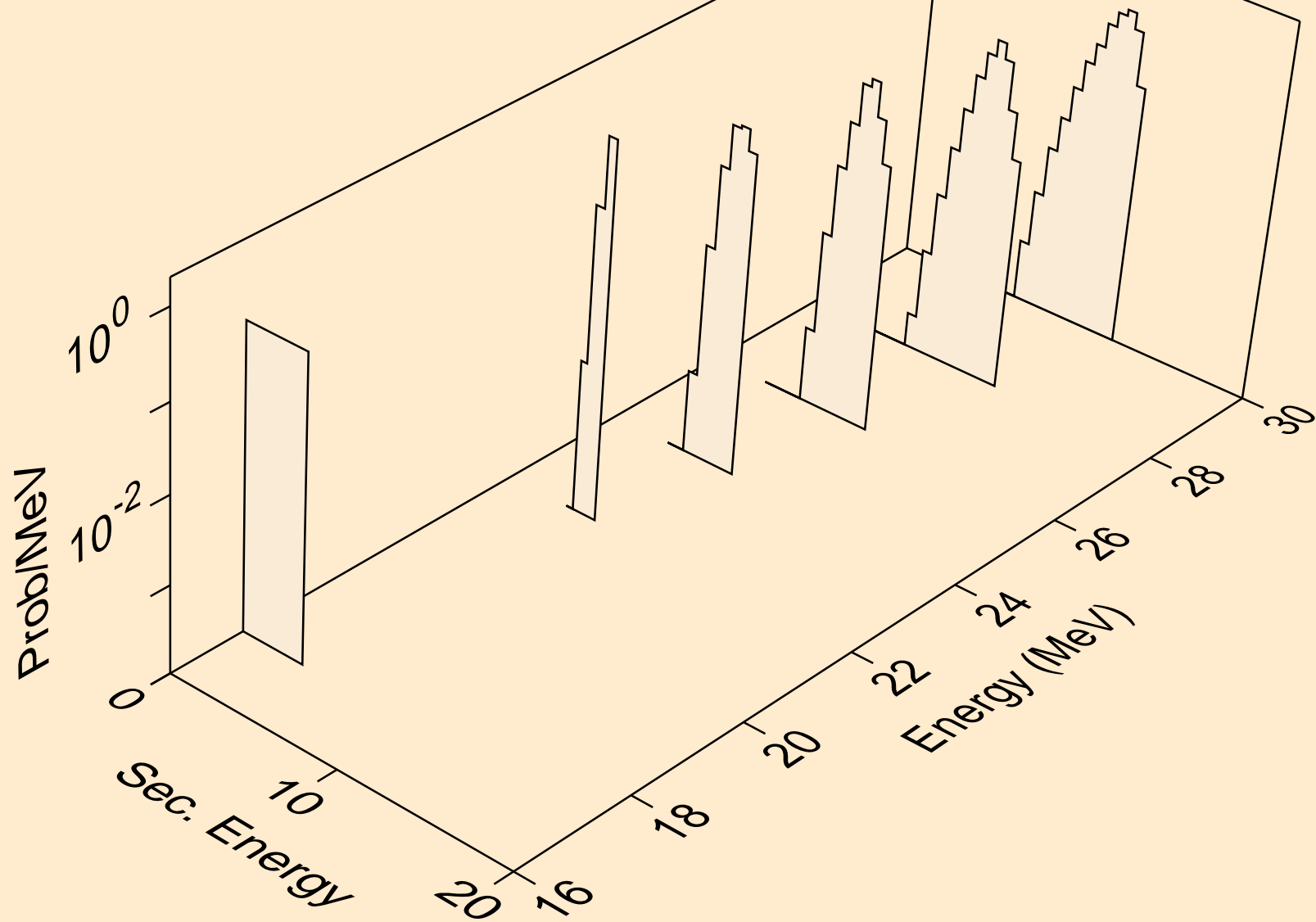
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tritons from (p,pt)



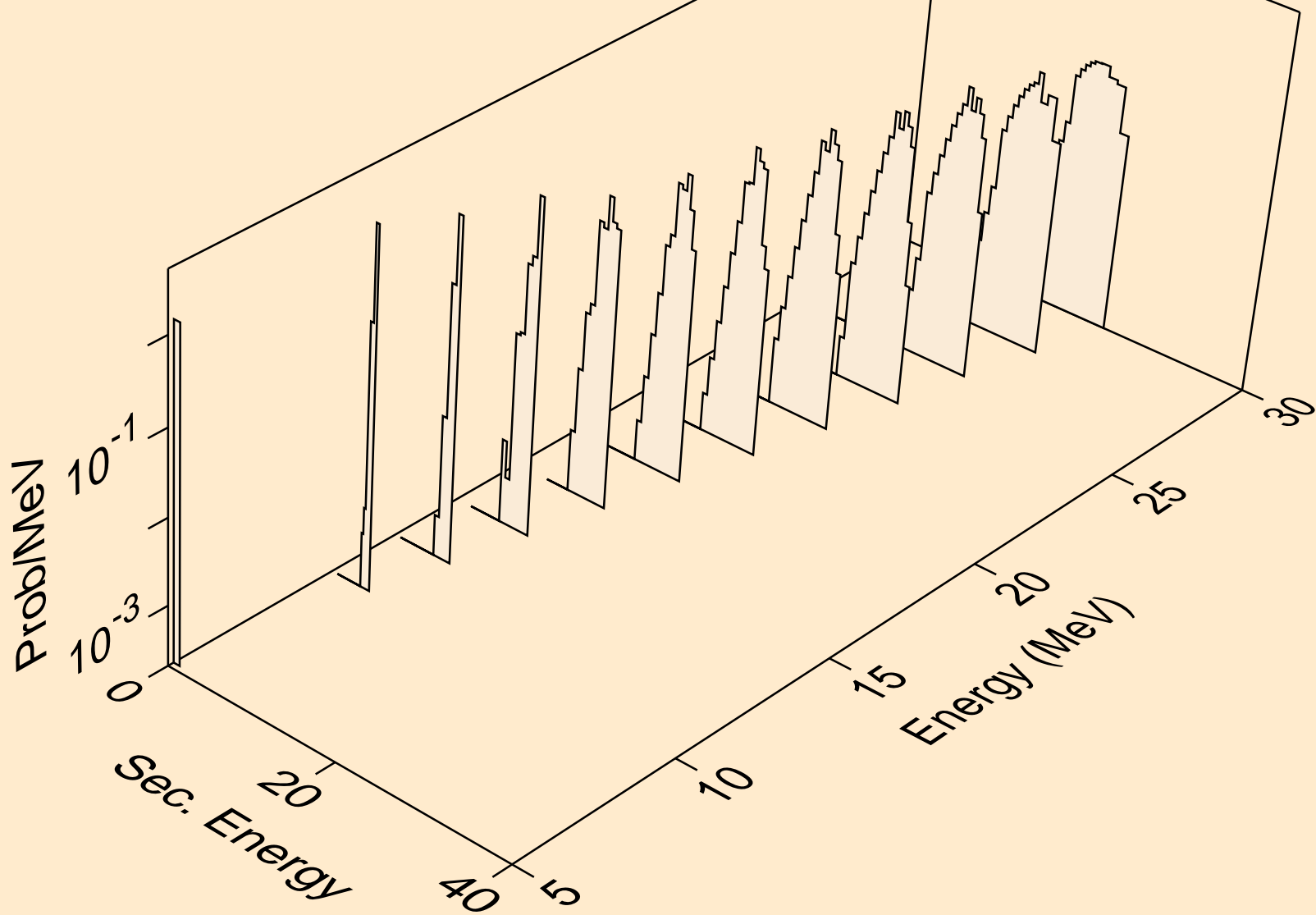
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



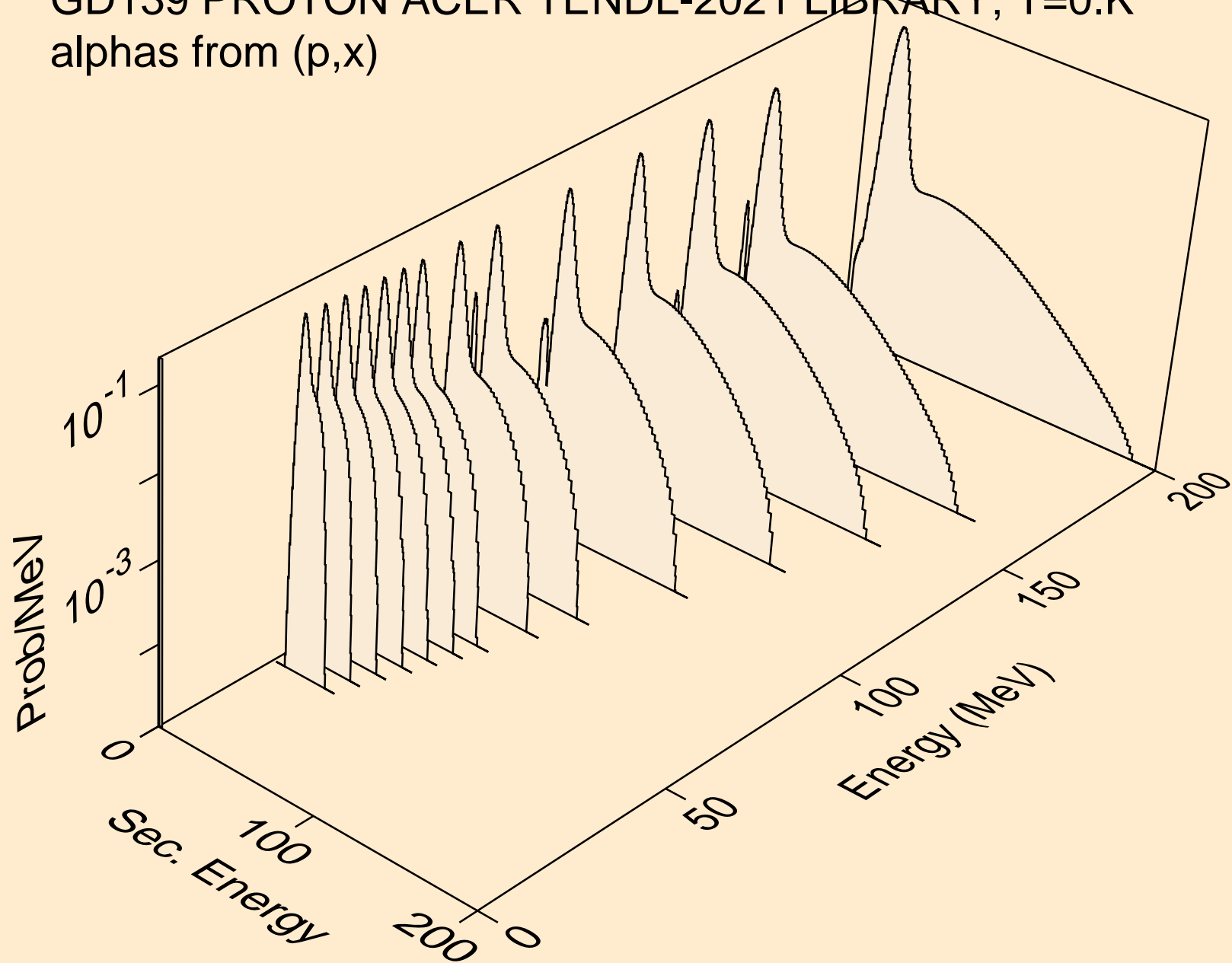
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



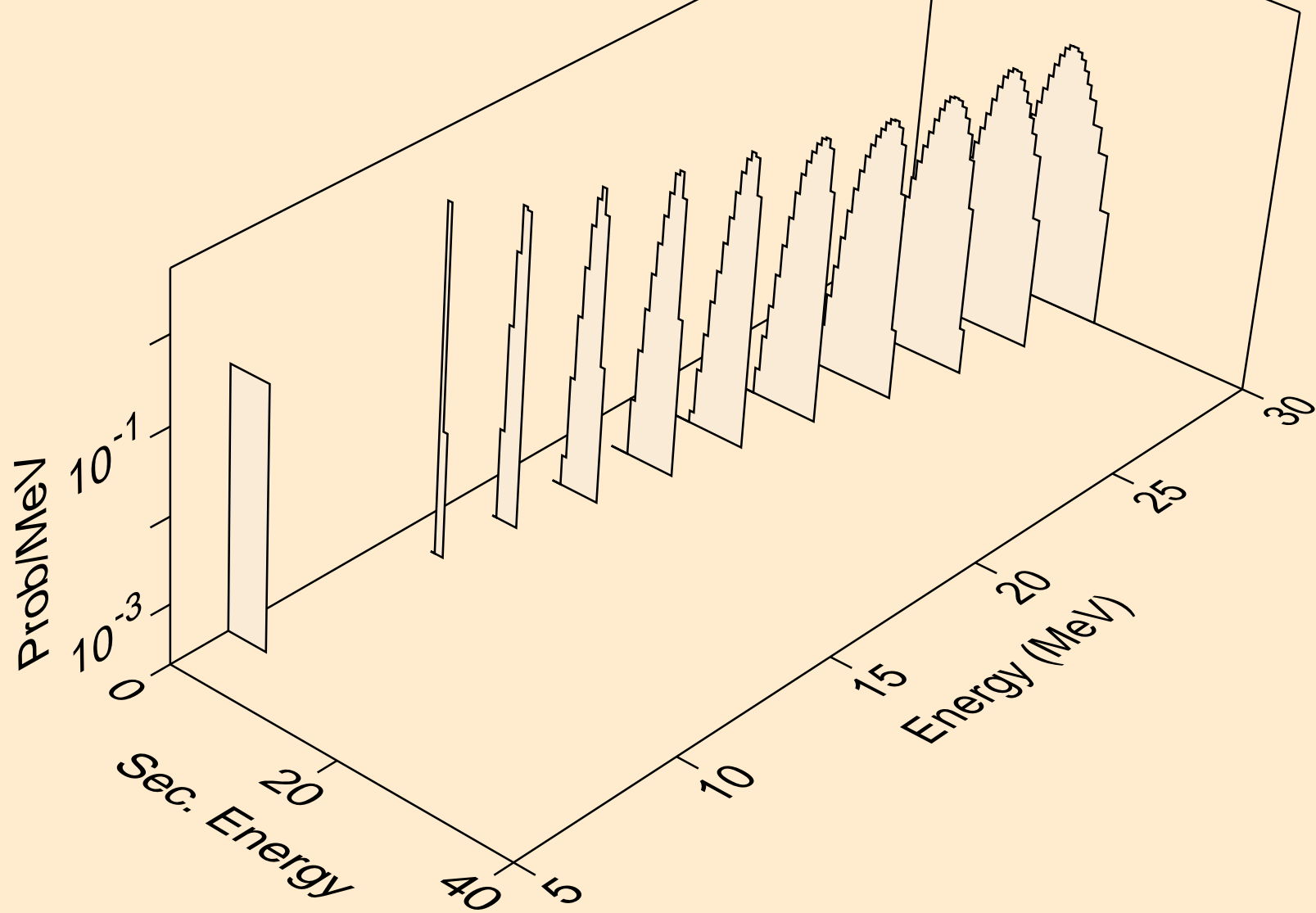
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



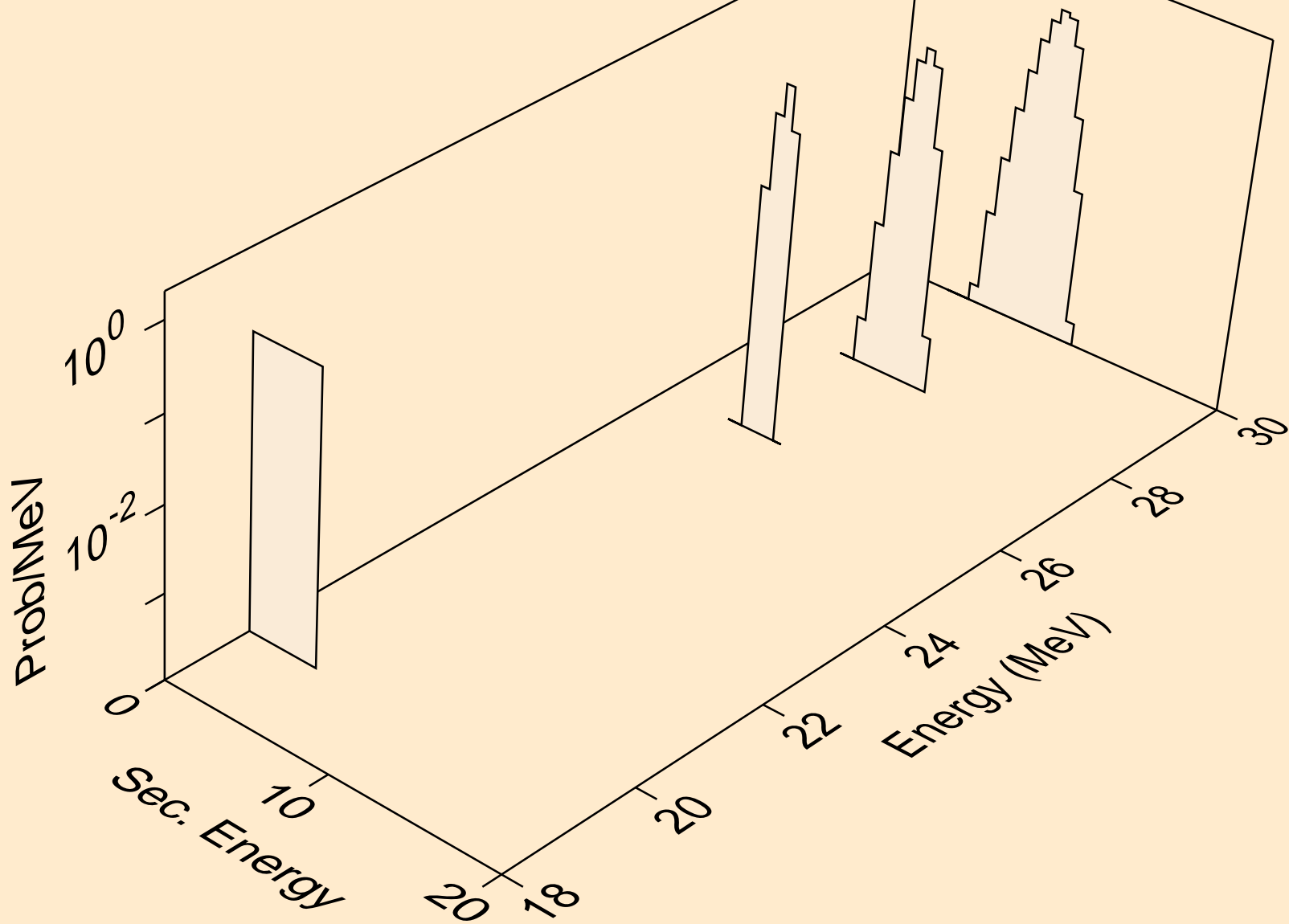
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a

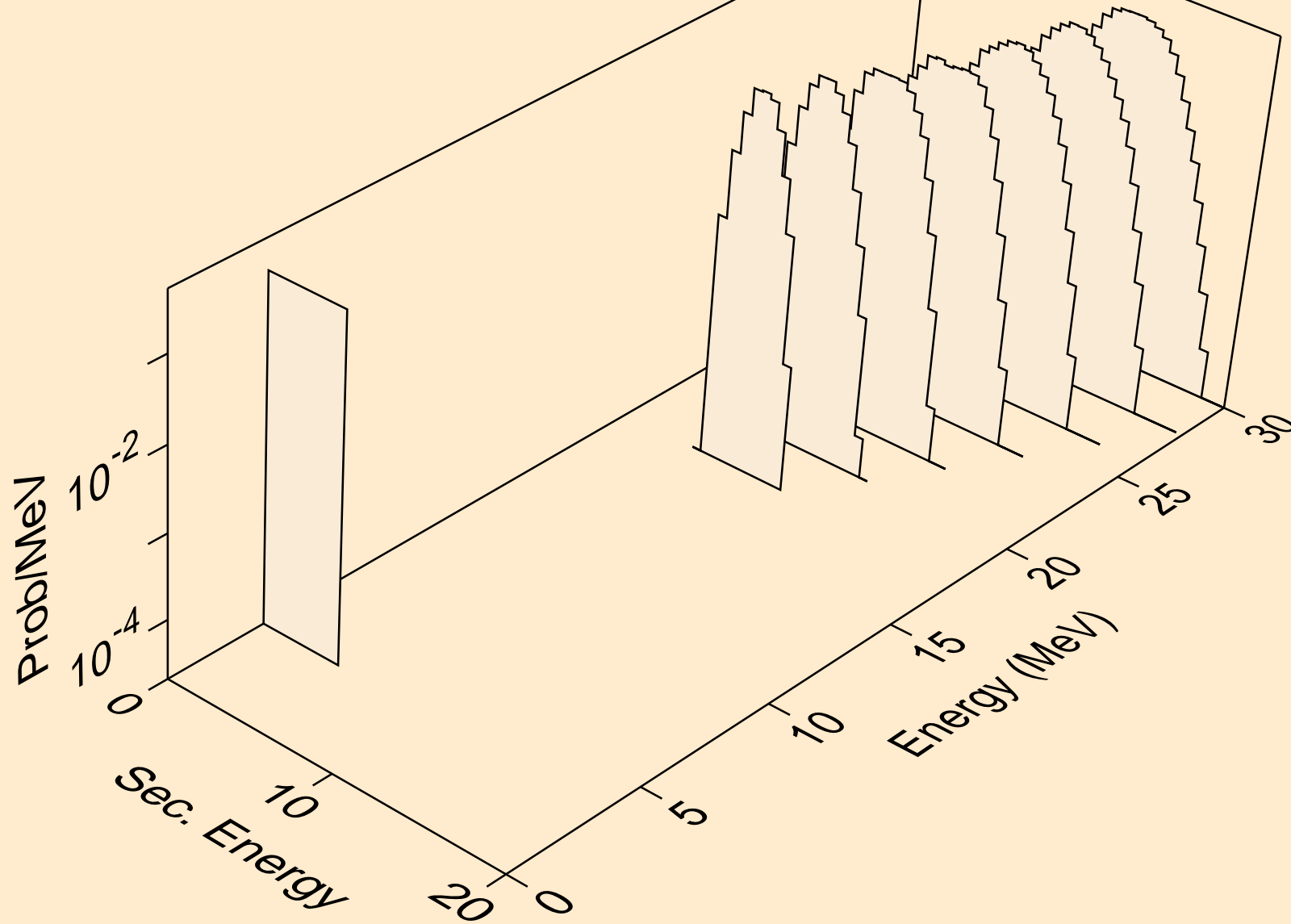


GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a

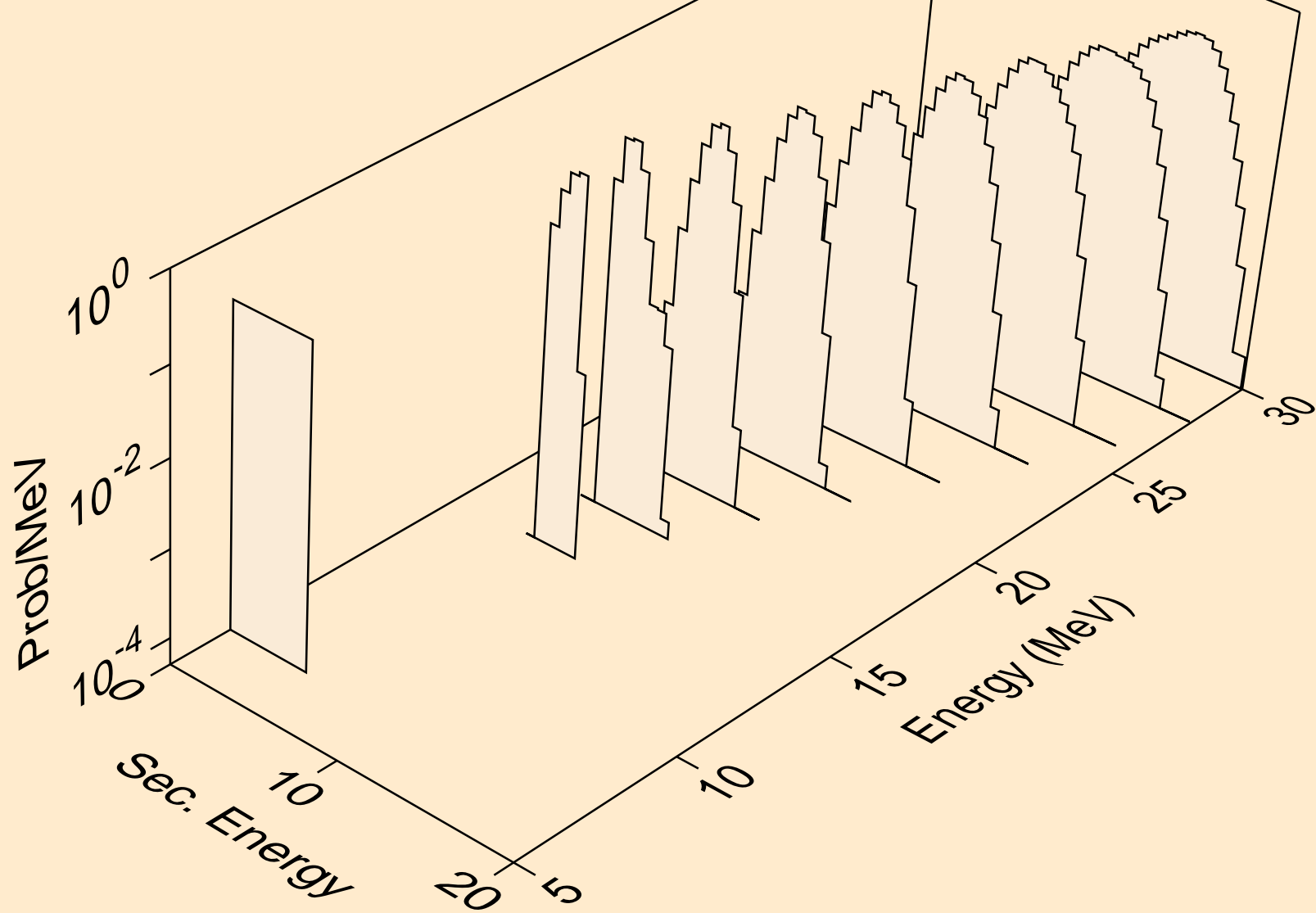




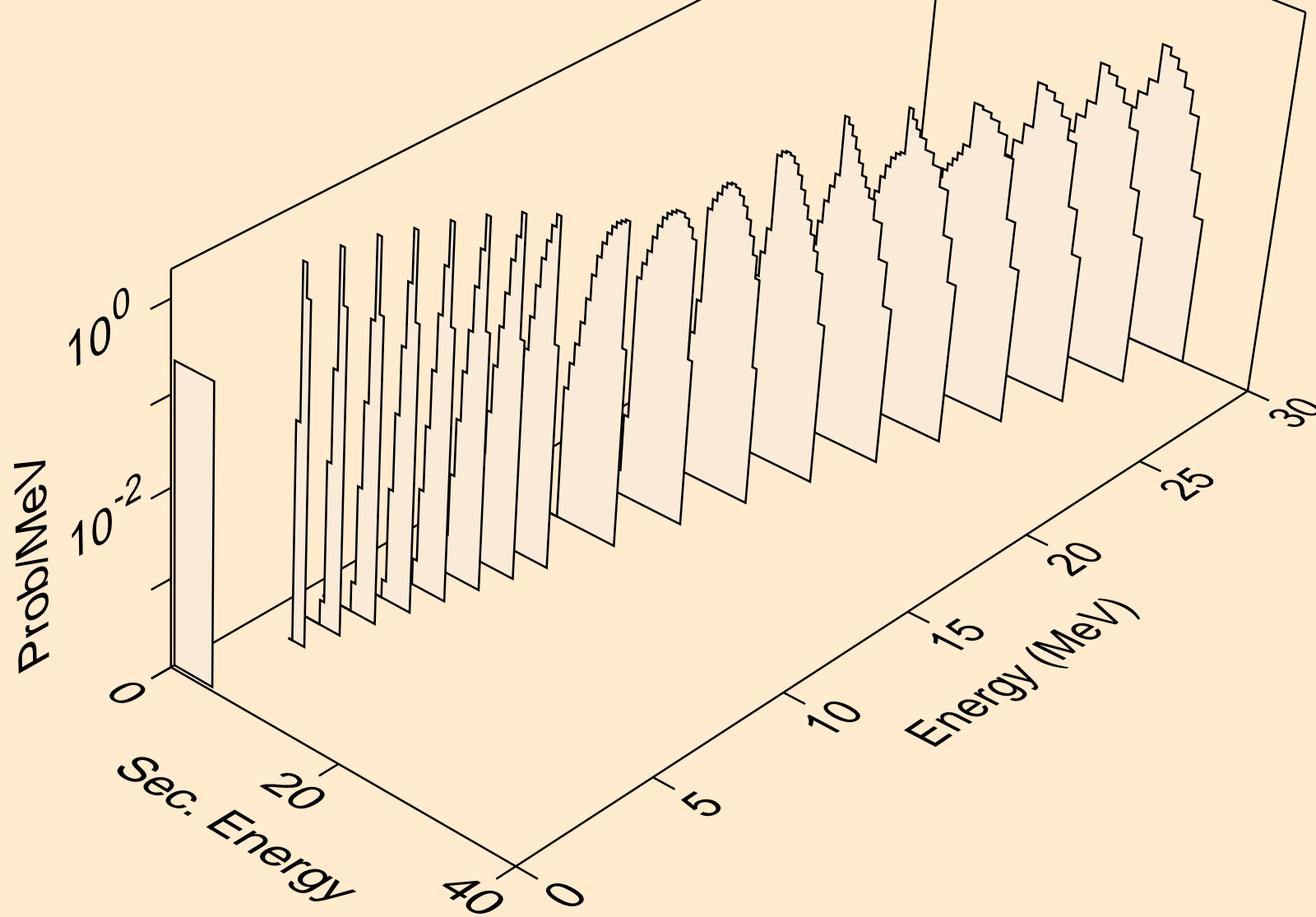
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a



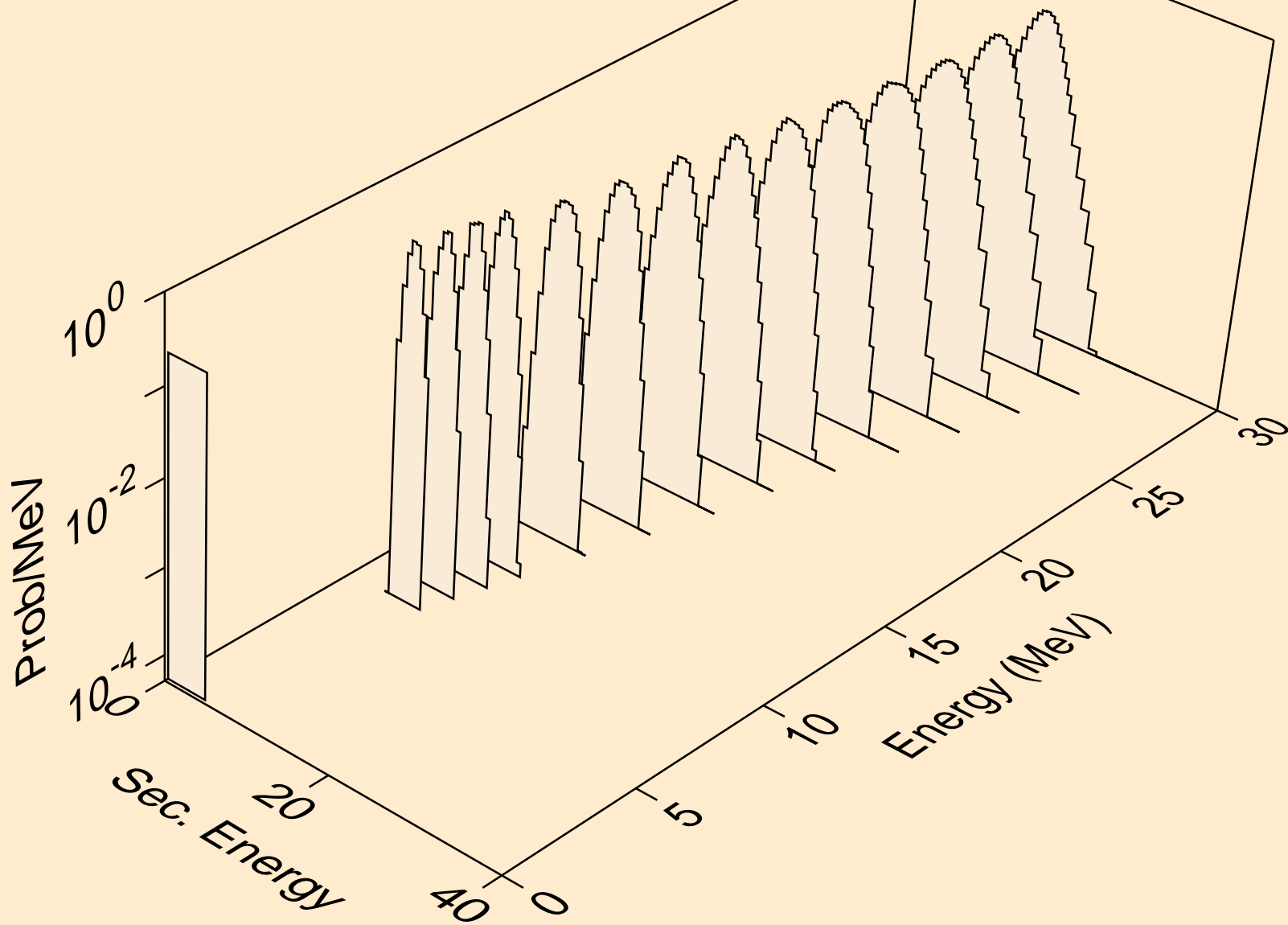
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



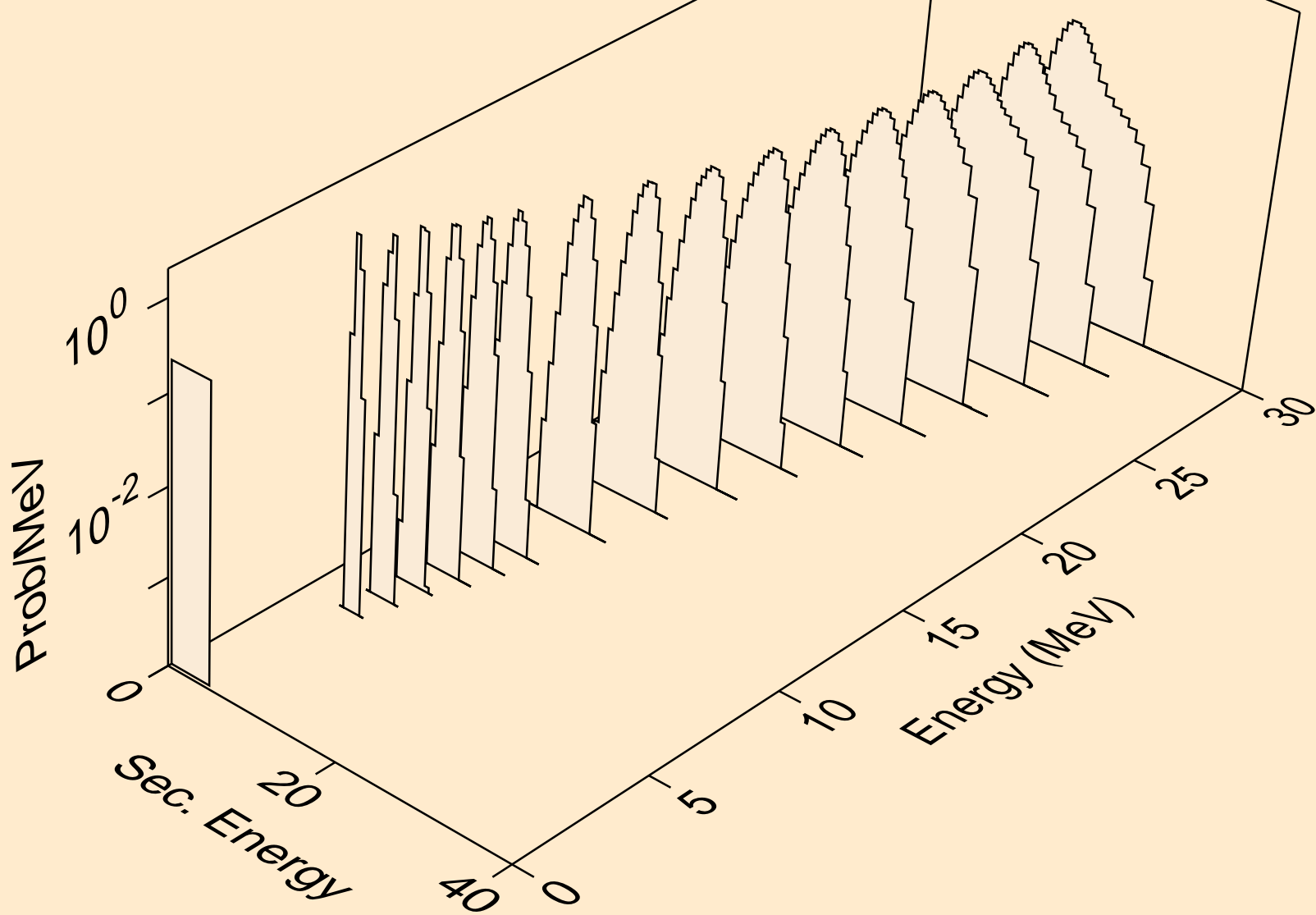
GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



GD139 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

