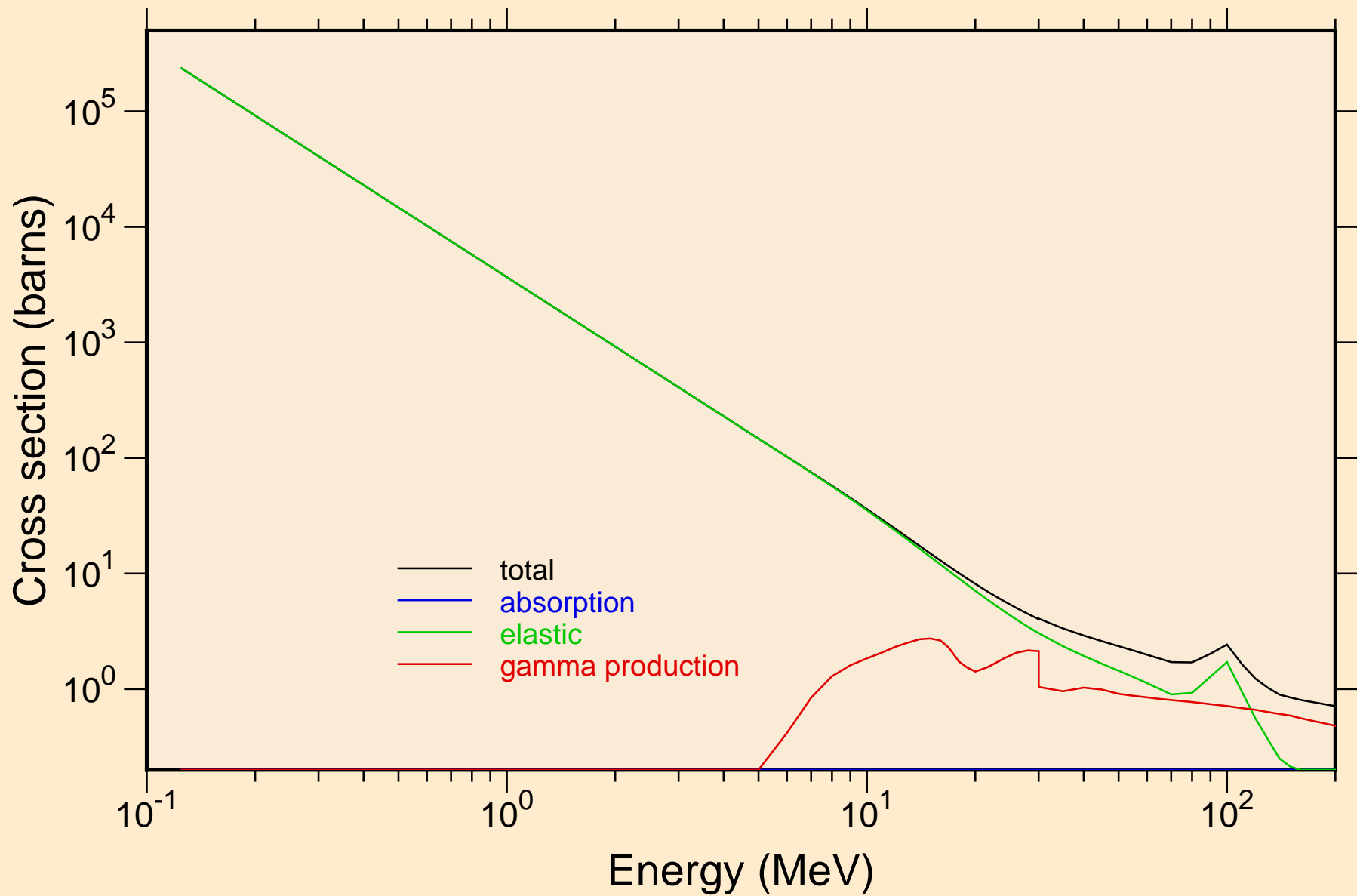


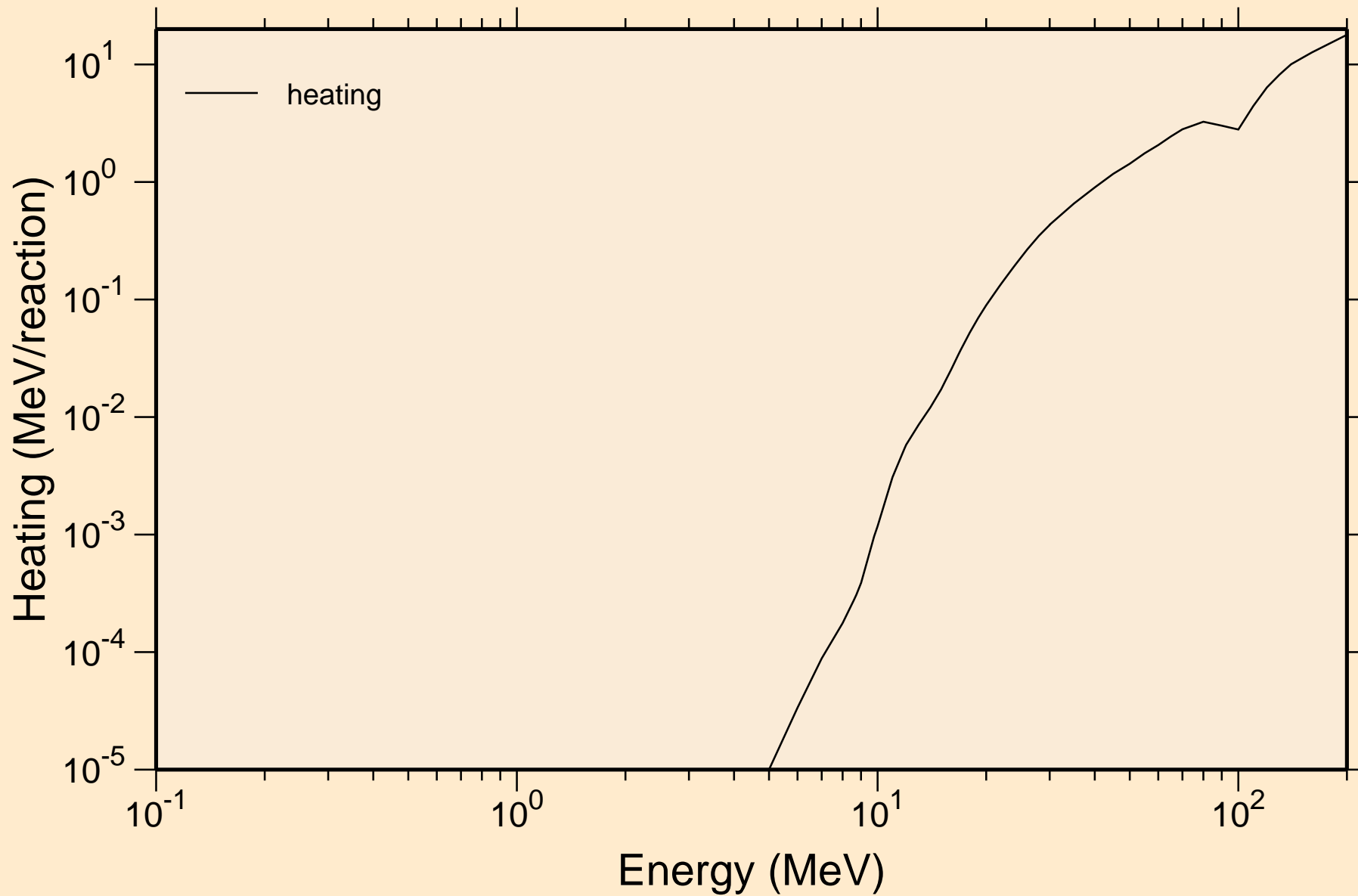
# CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



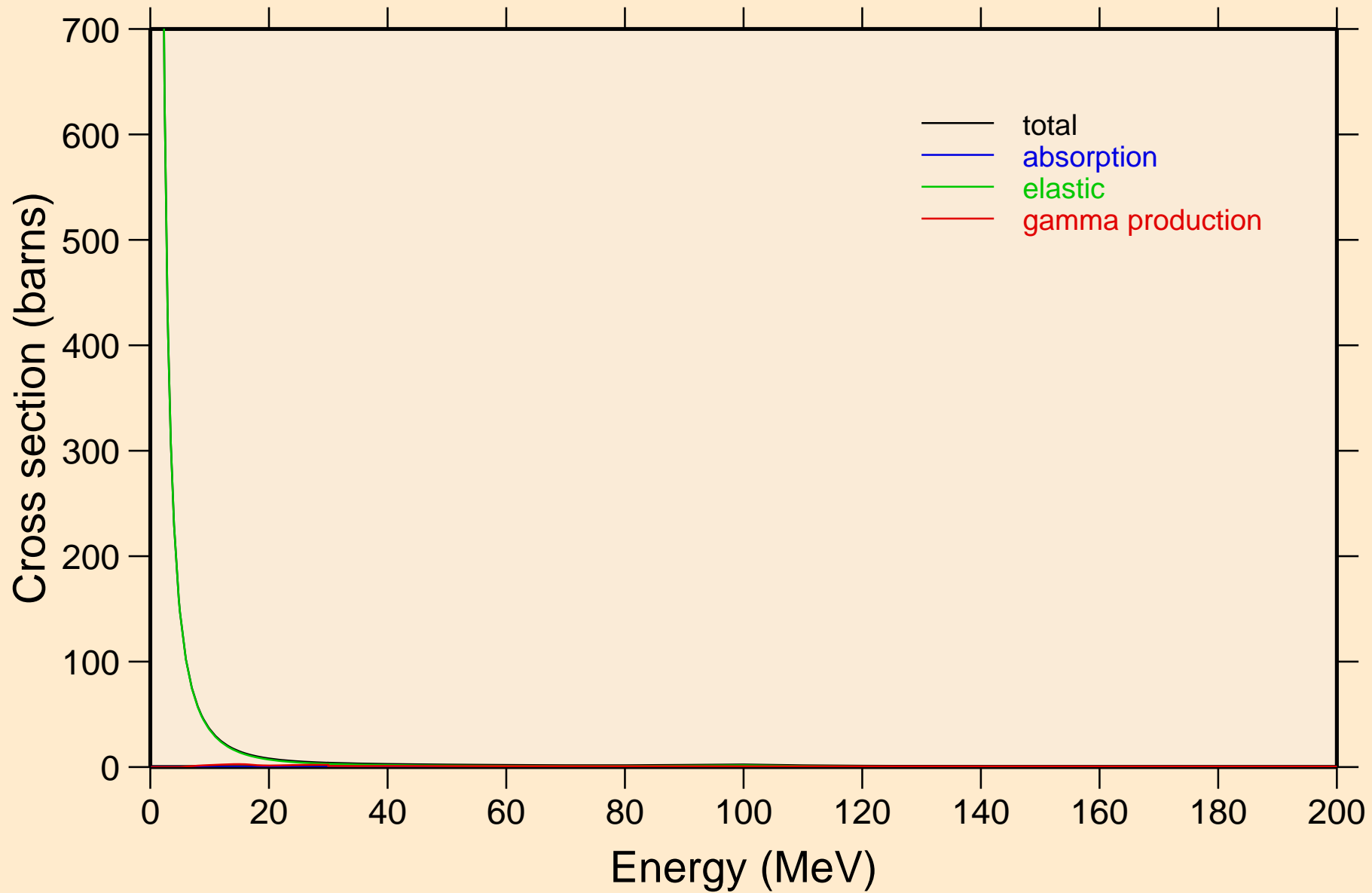
# CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



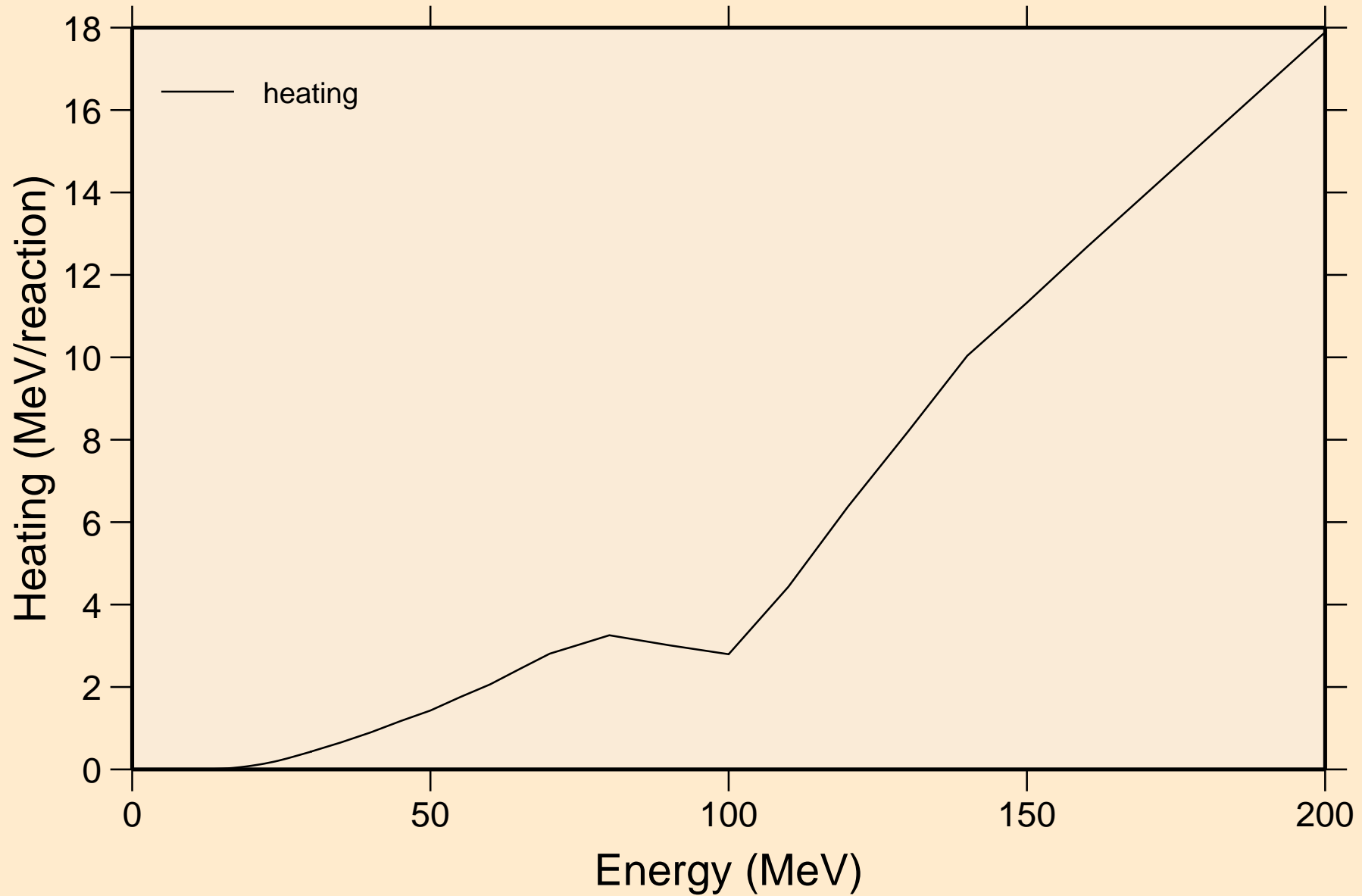
# CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



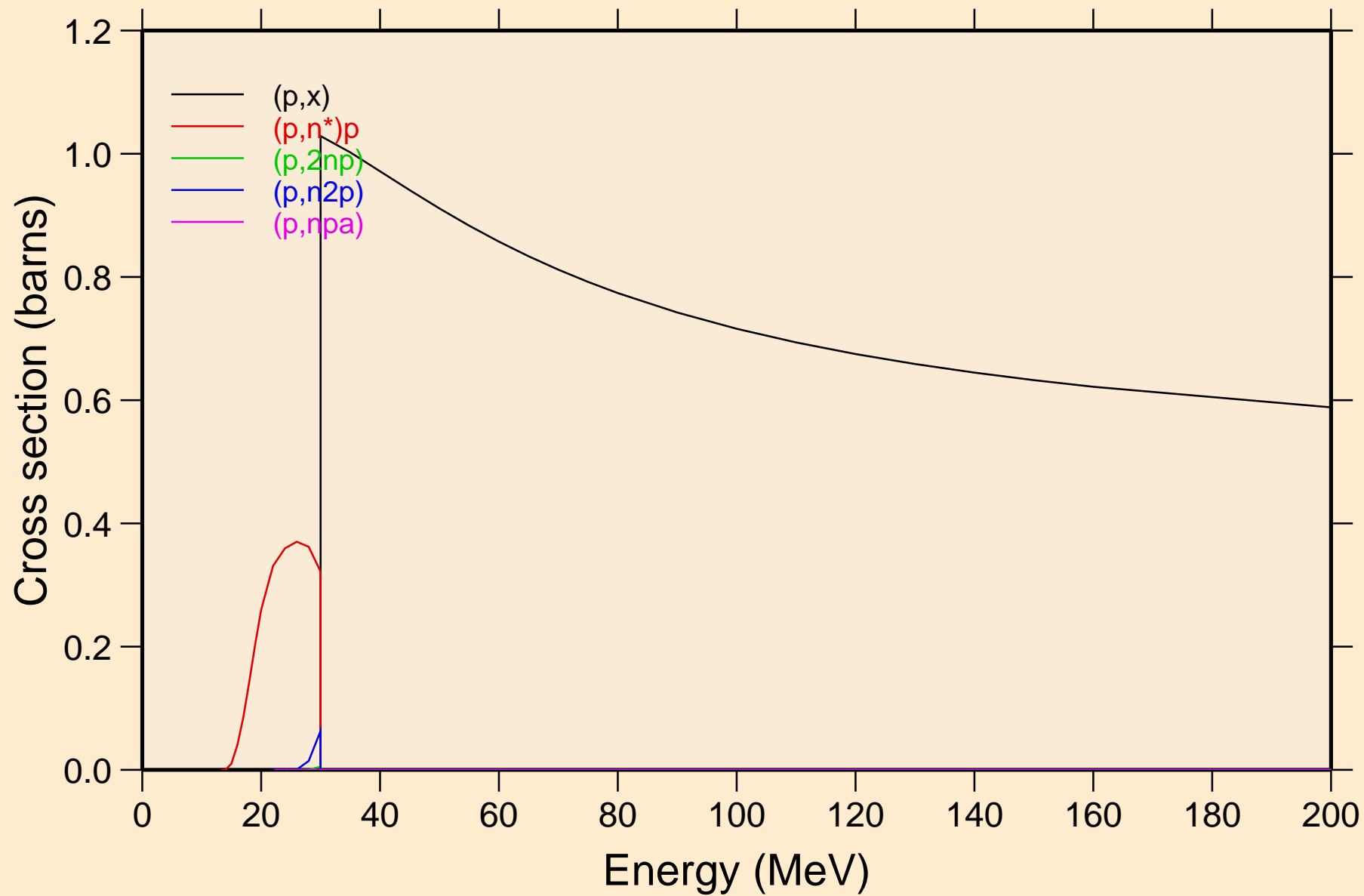
# CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



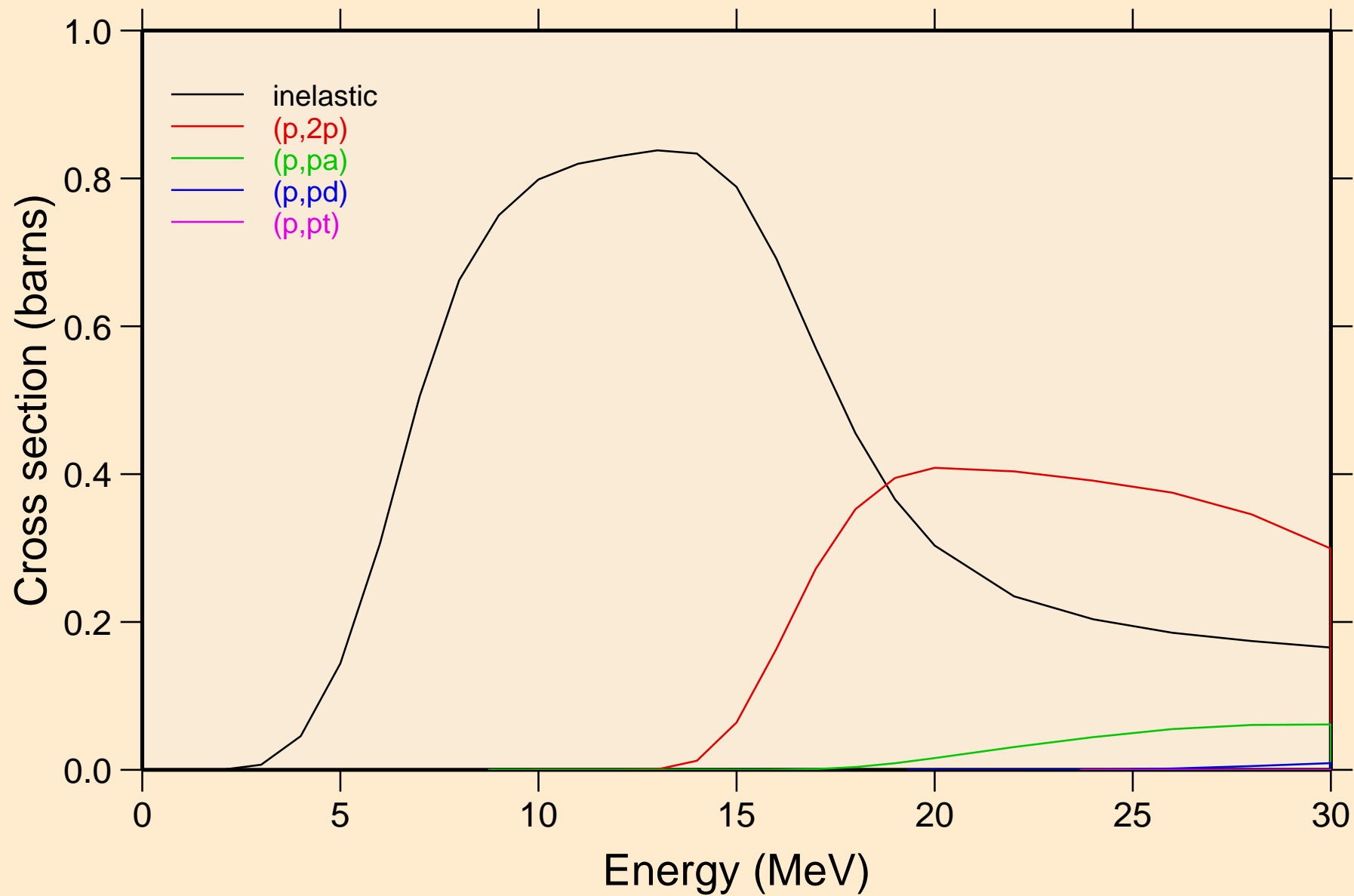
# CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

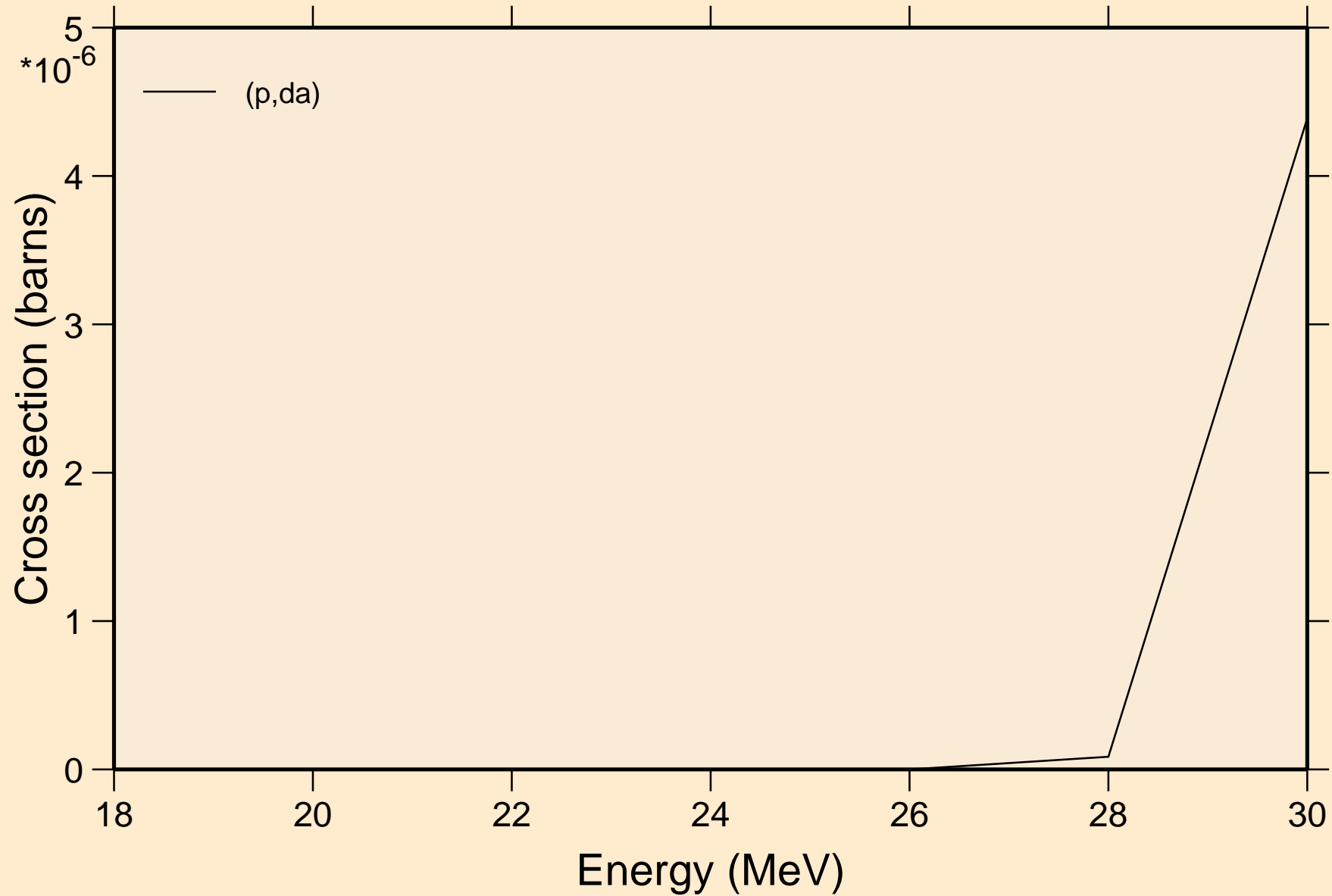


# CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K

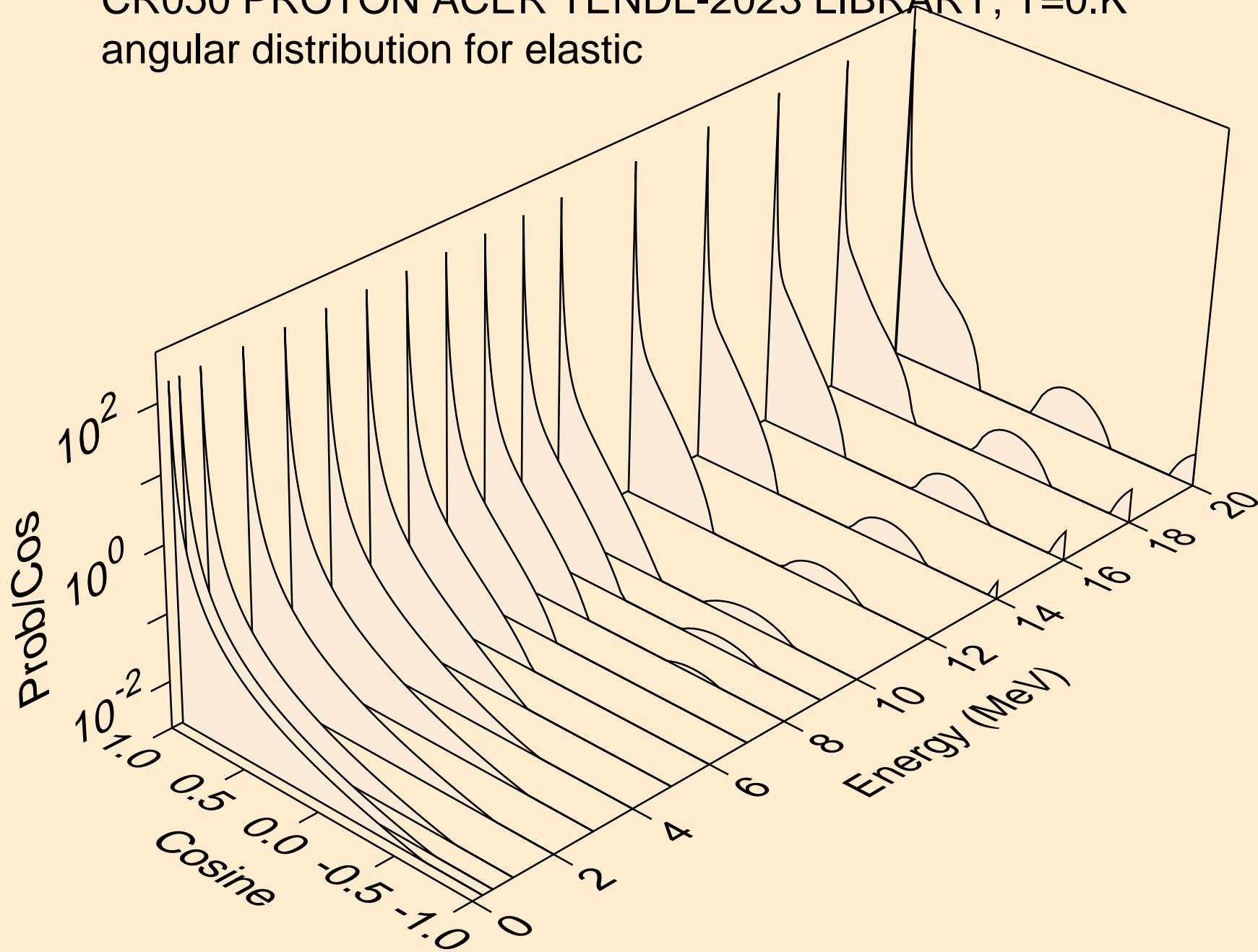
## Threshold reactions



CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

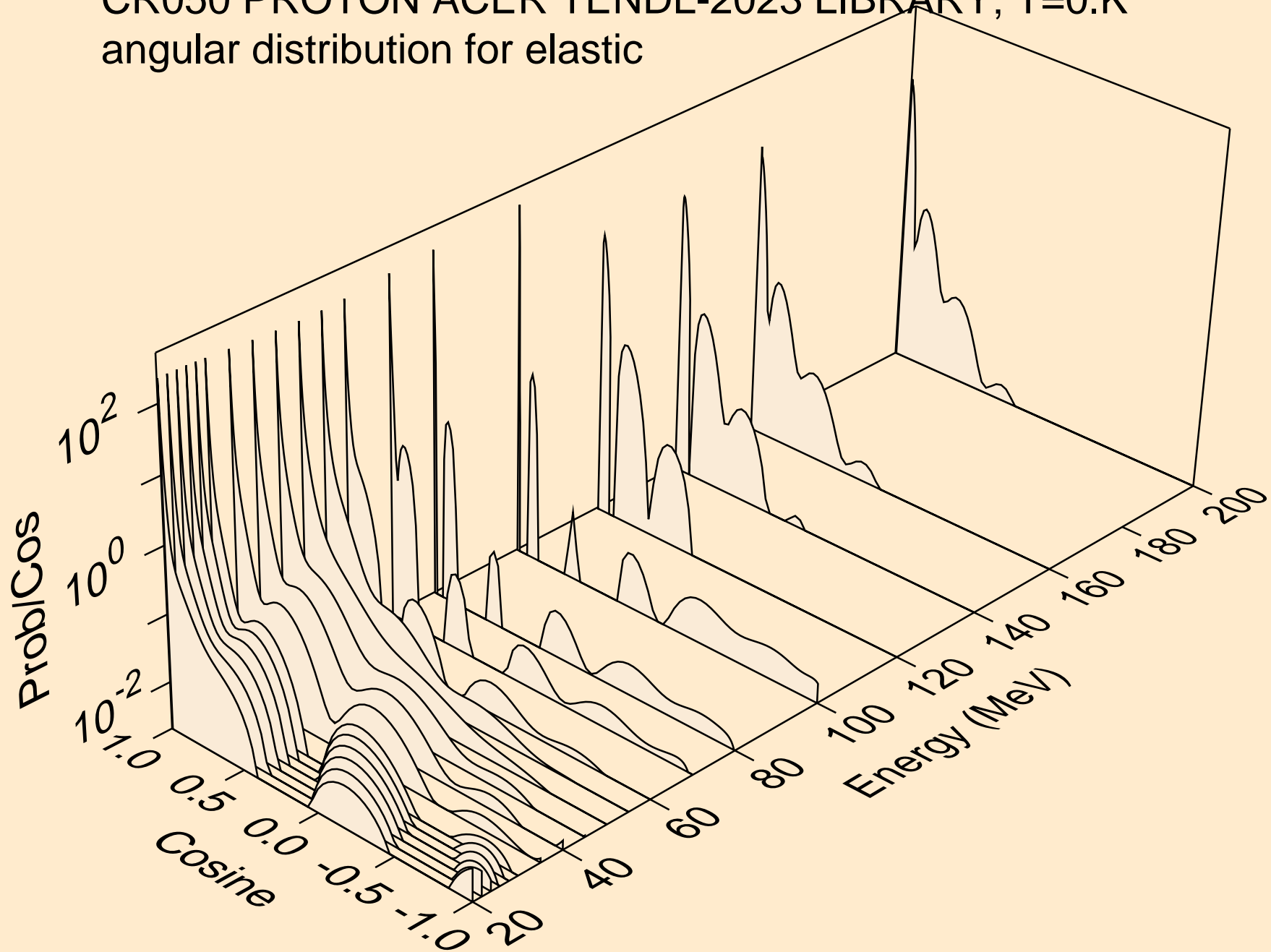


CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

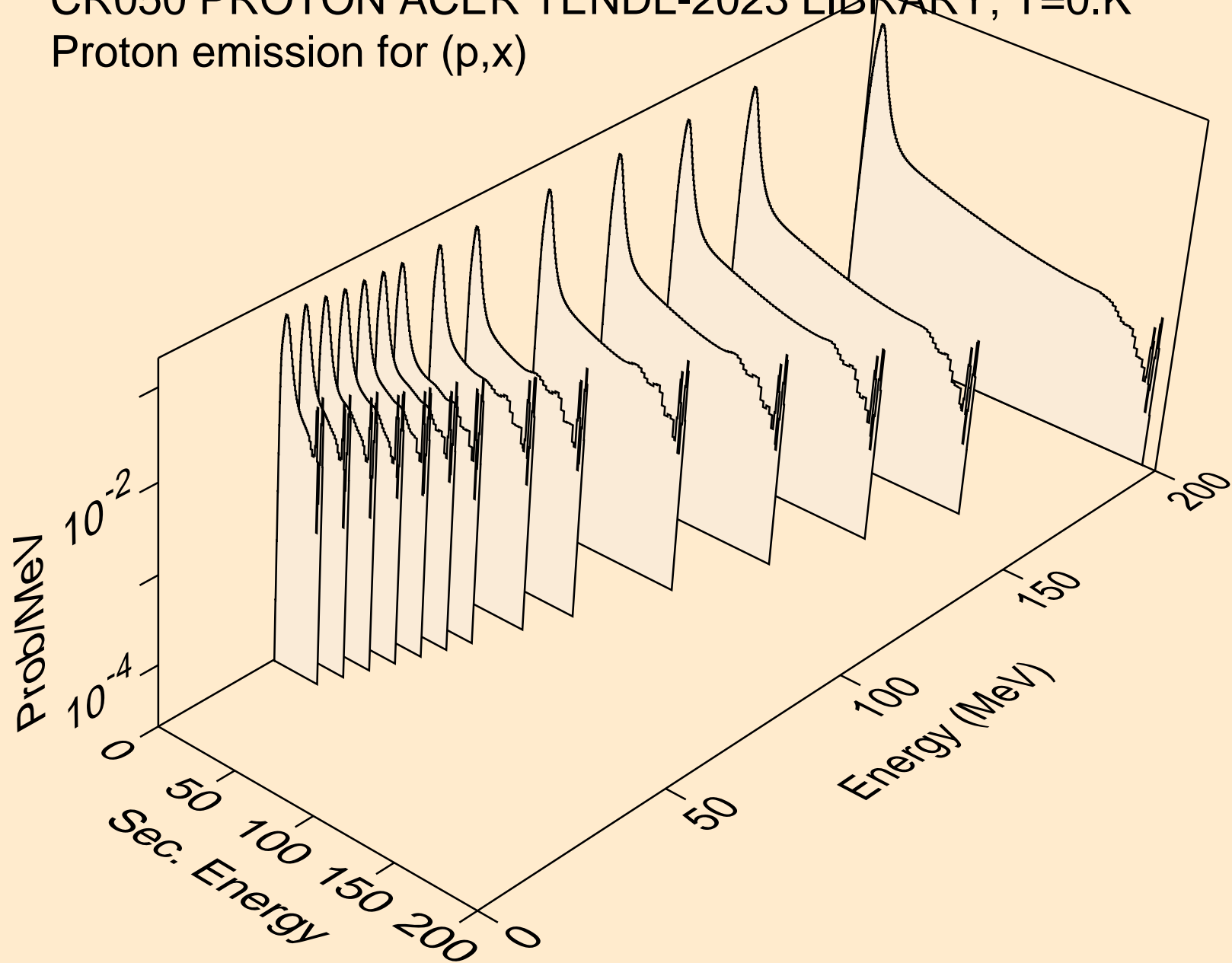




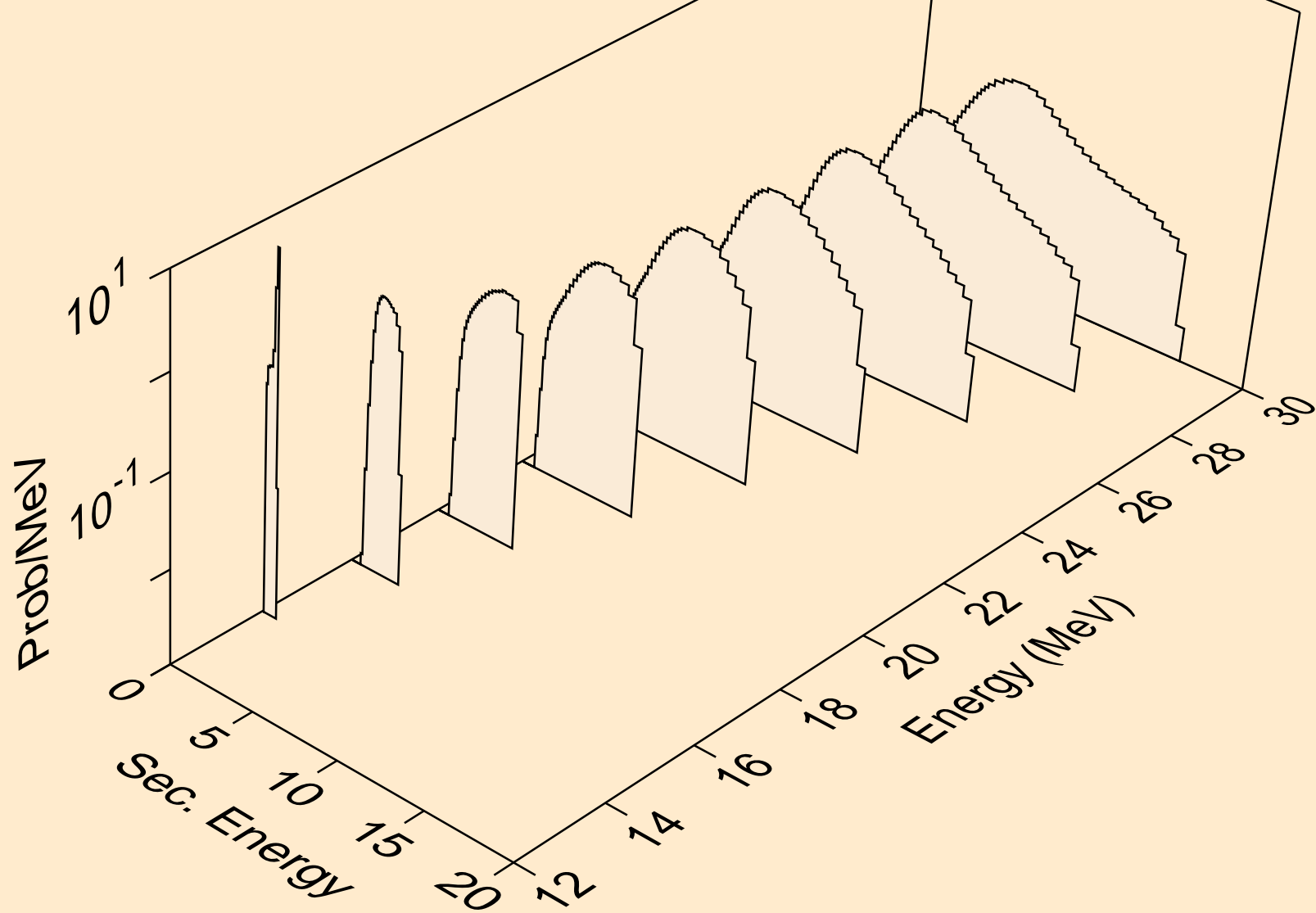
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



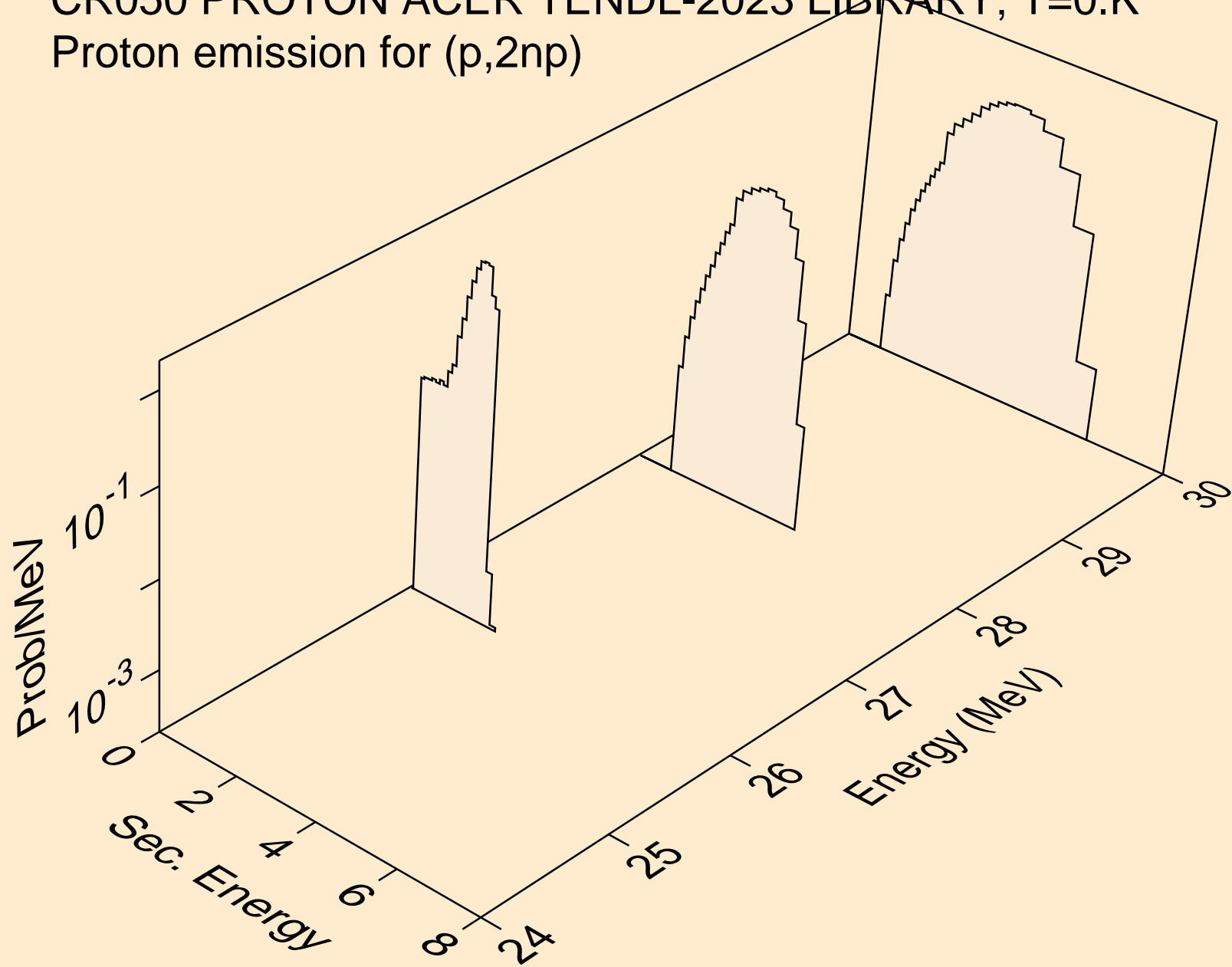
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



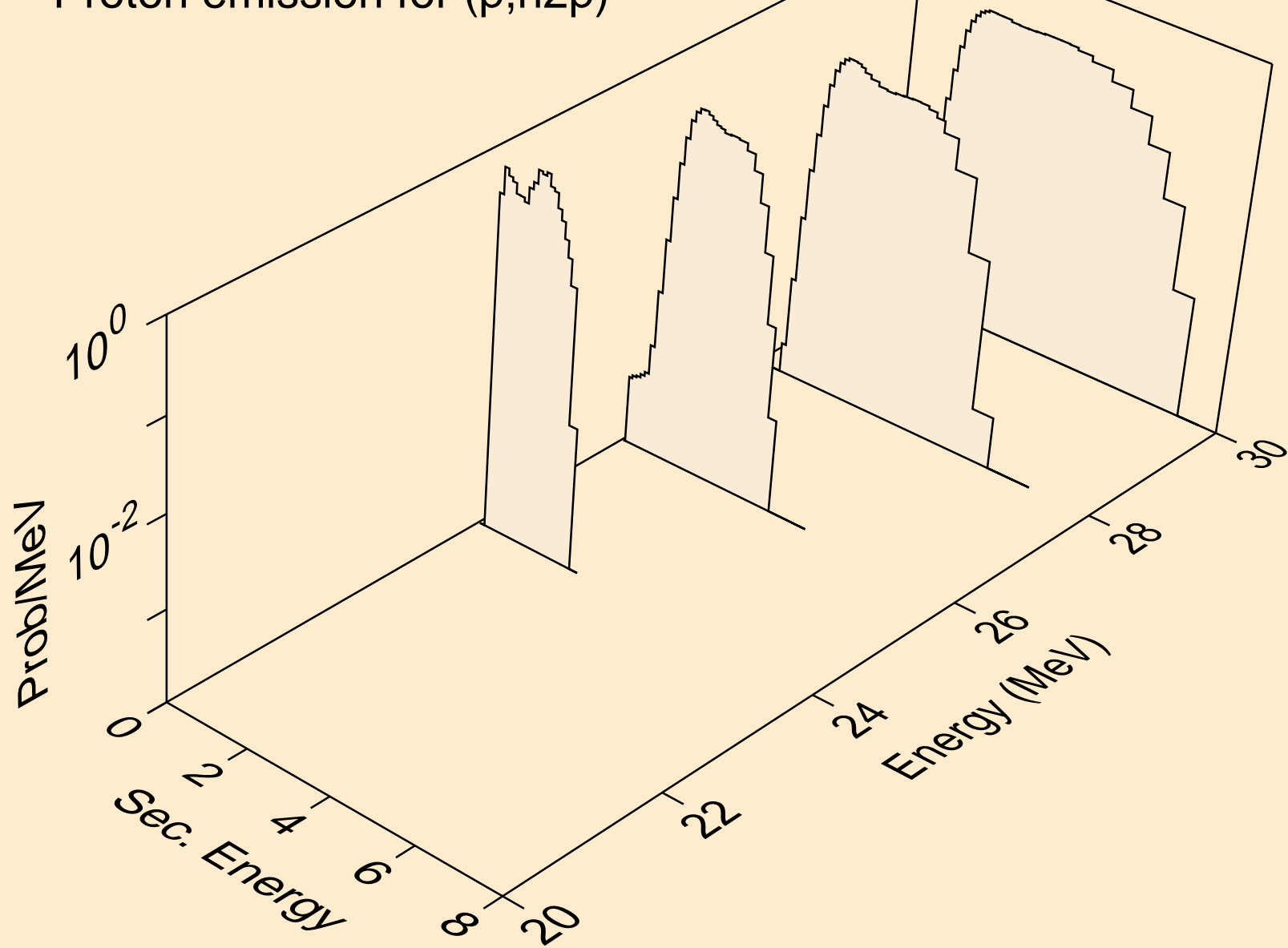
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



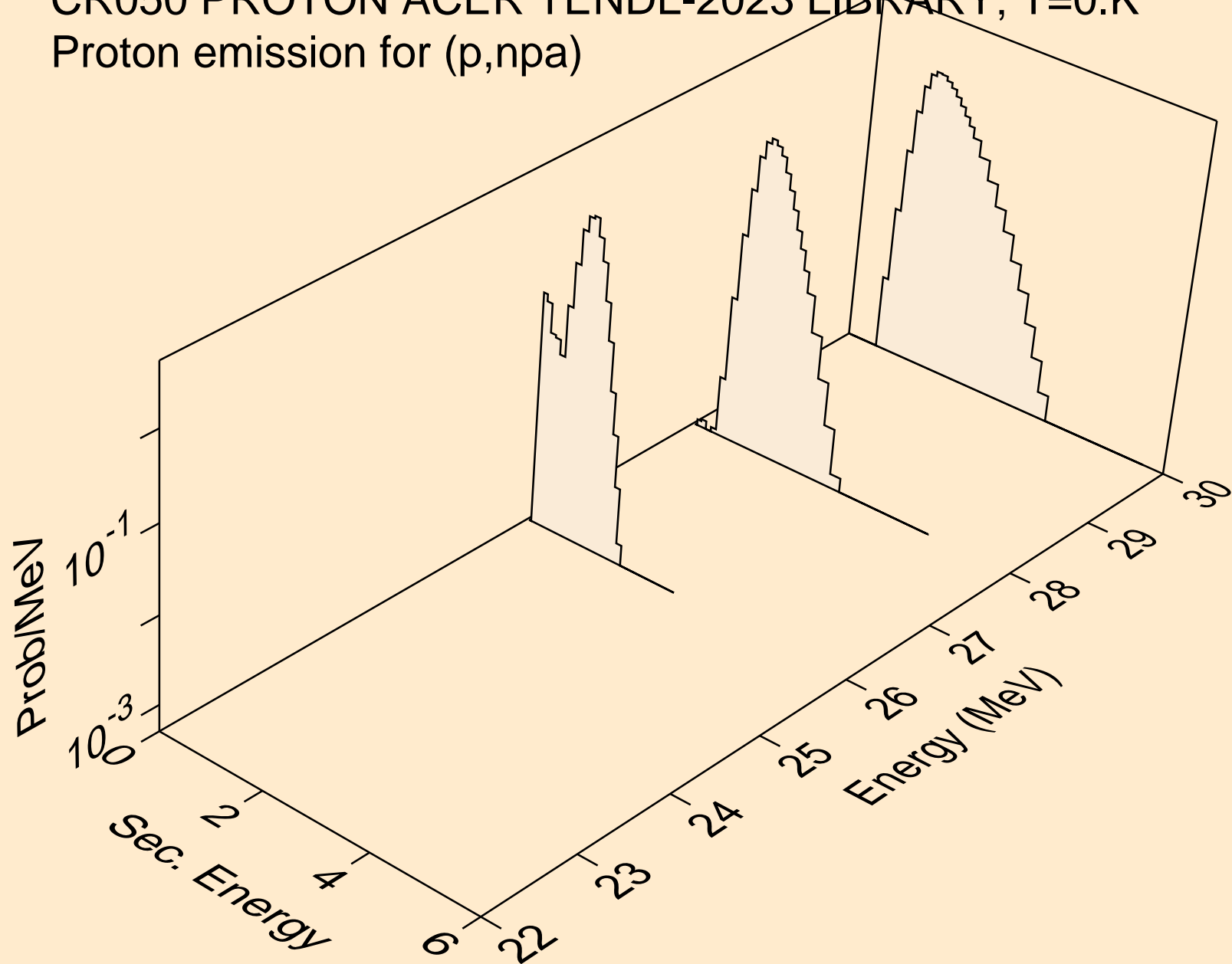
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



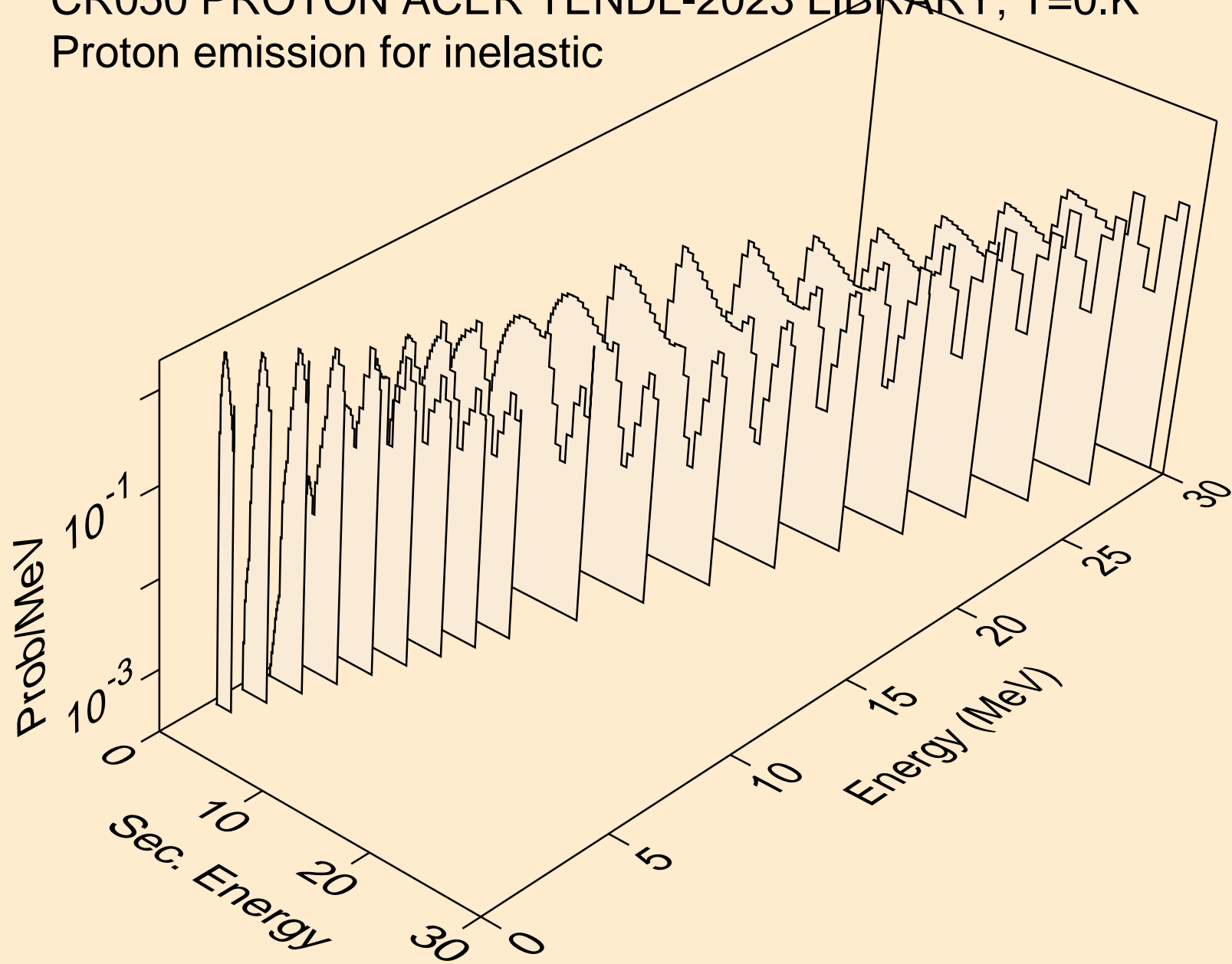
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



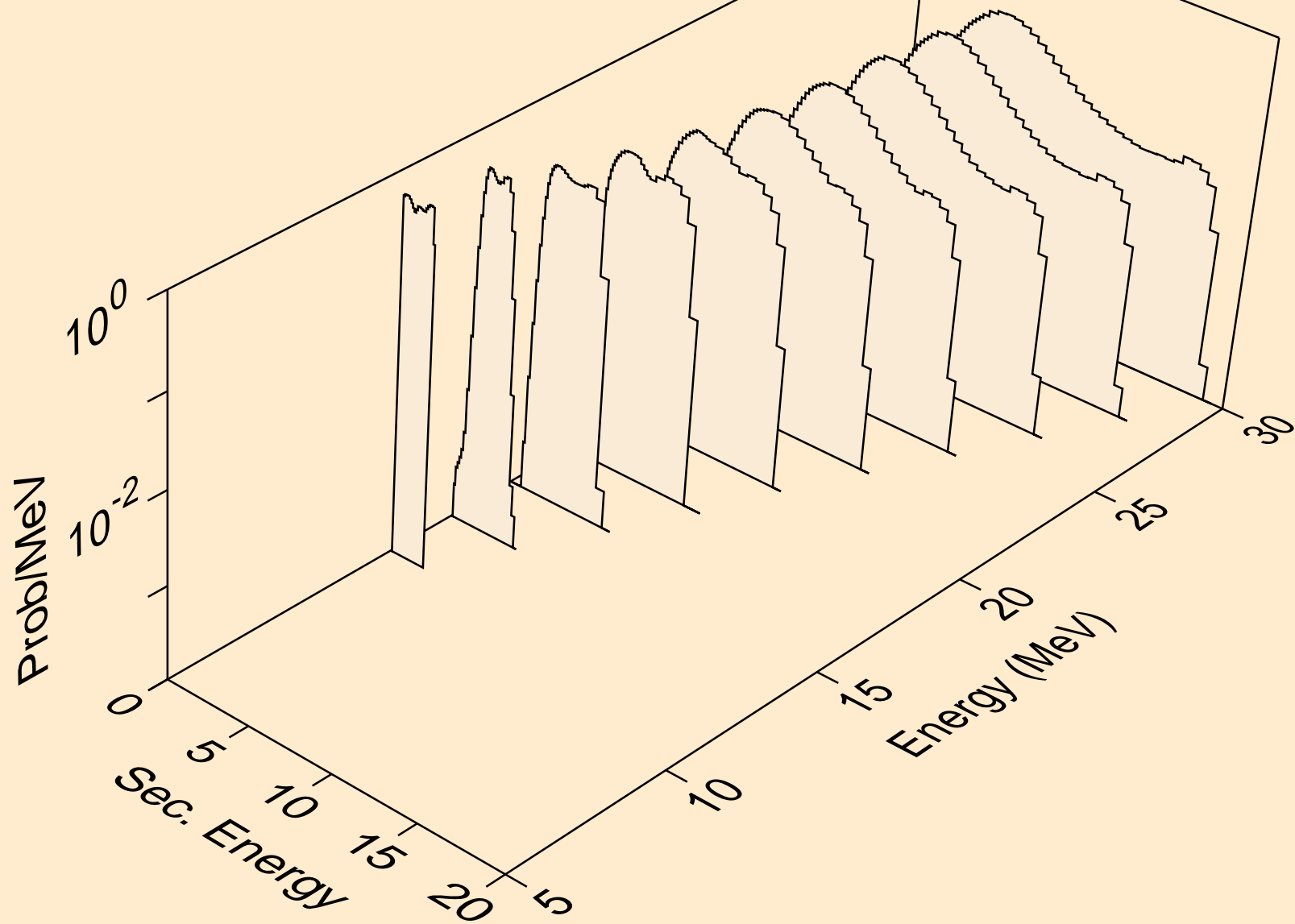
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

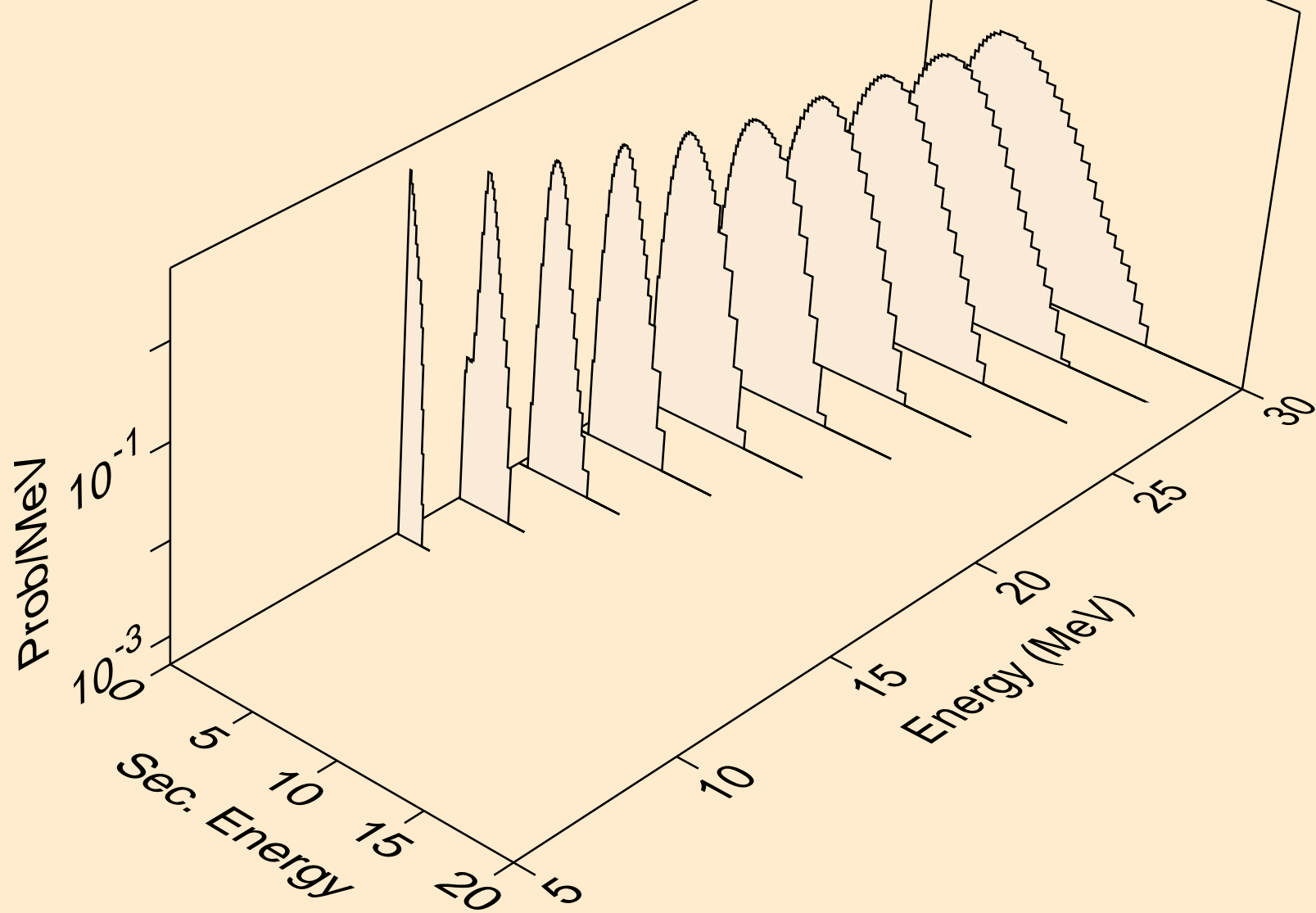


CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

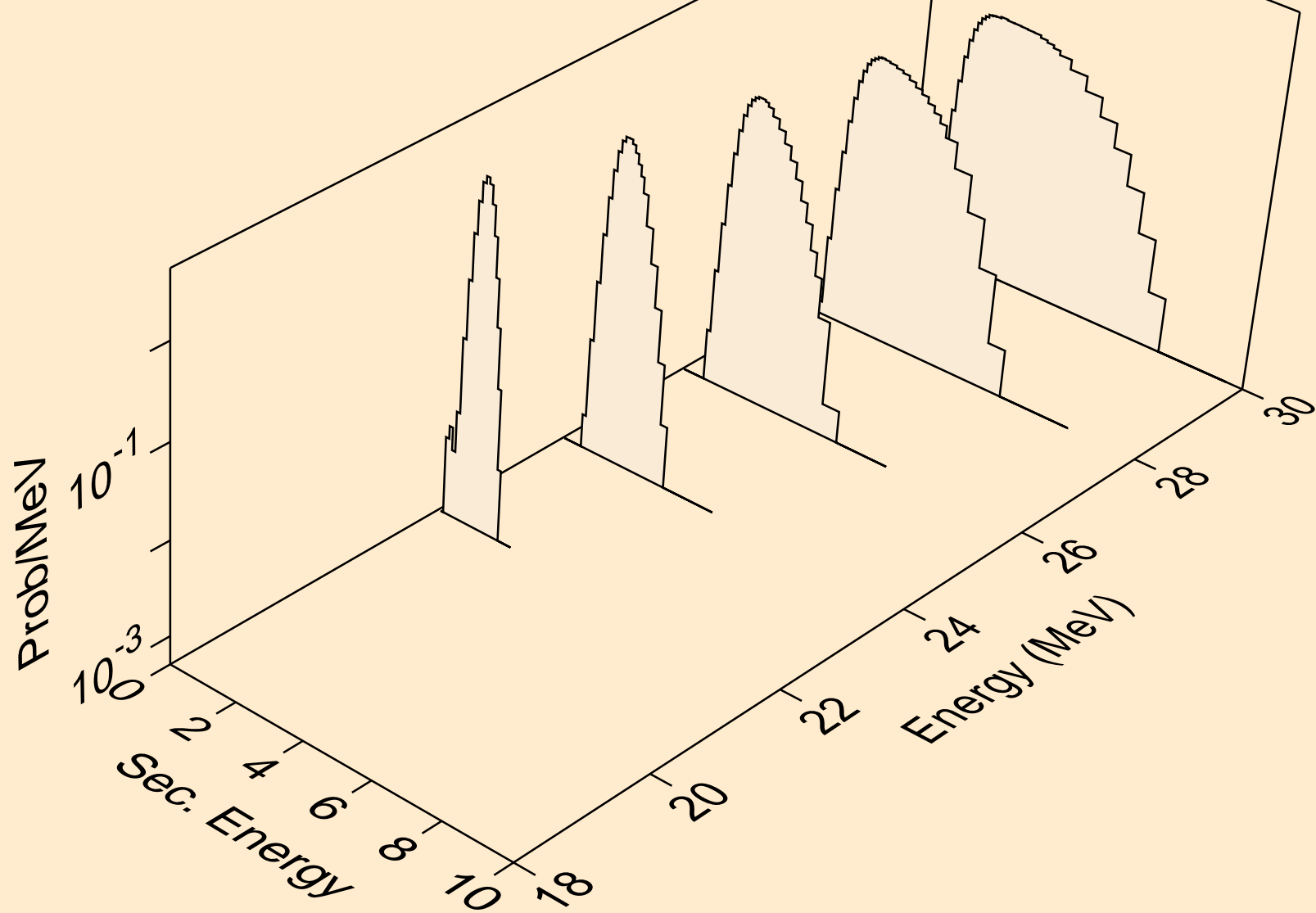




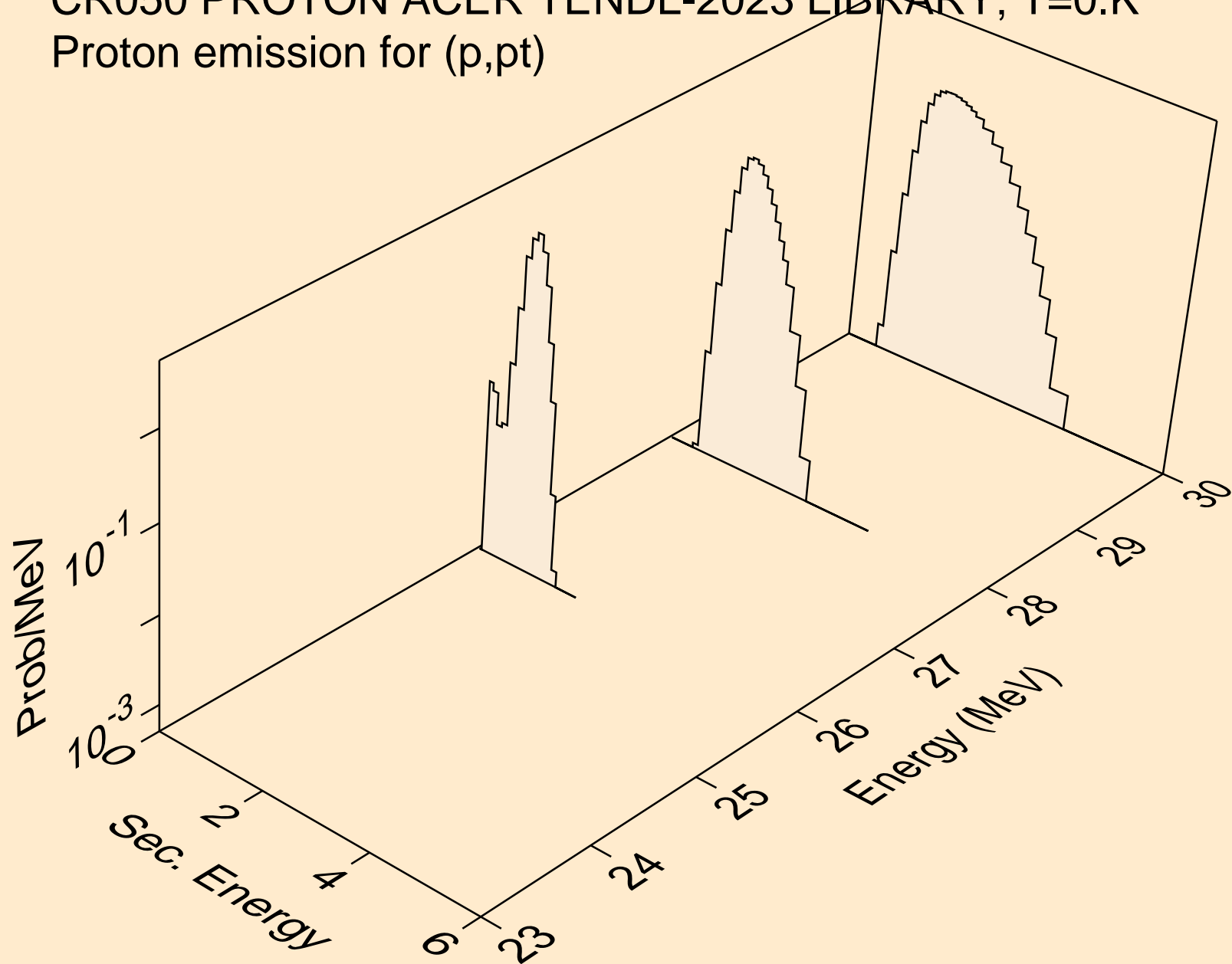
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



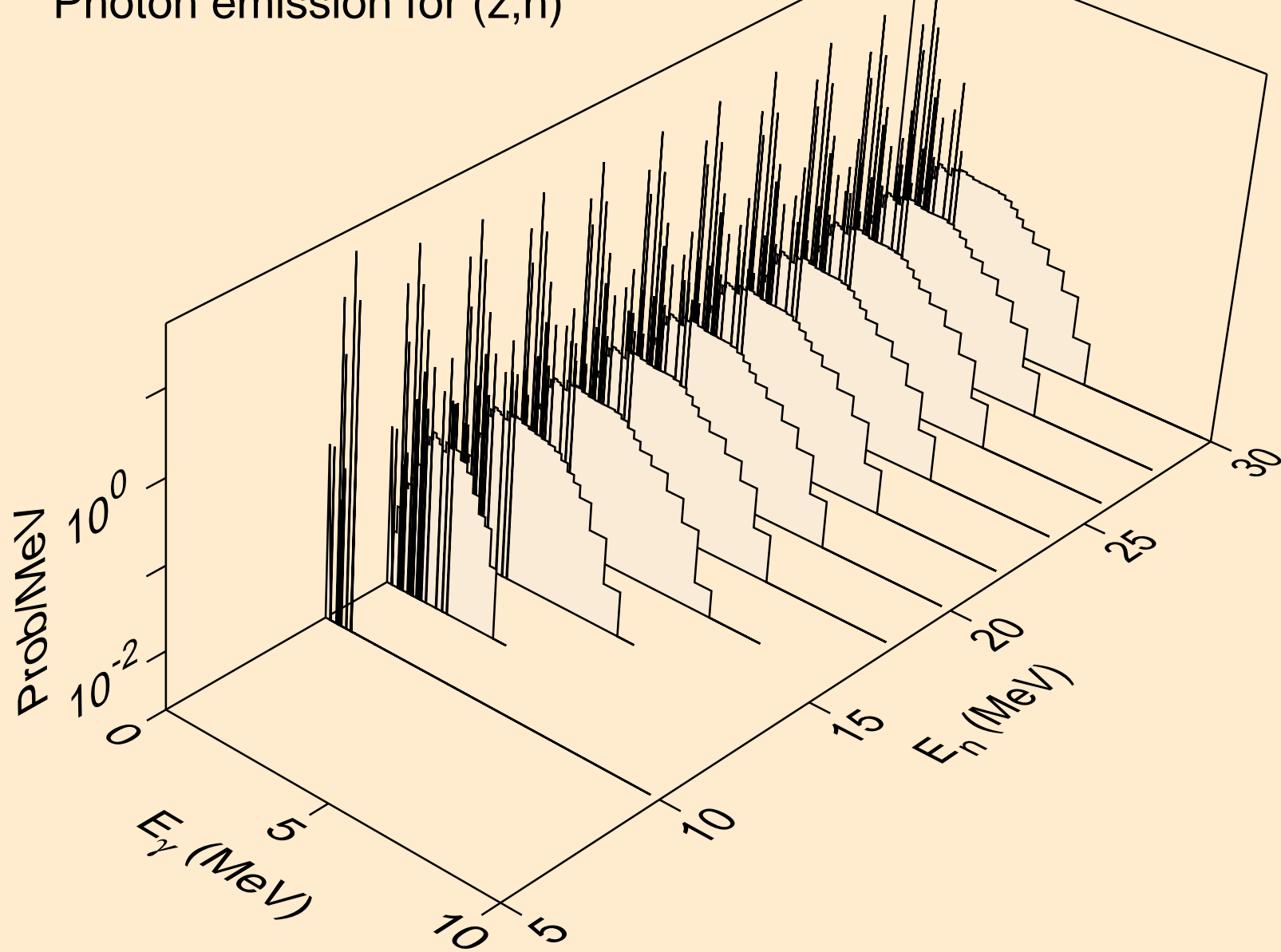
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



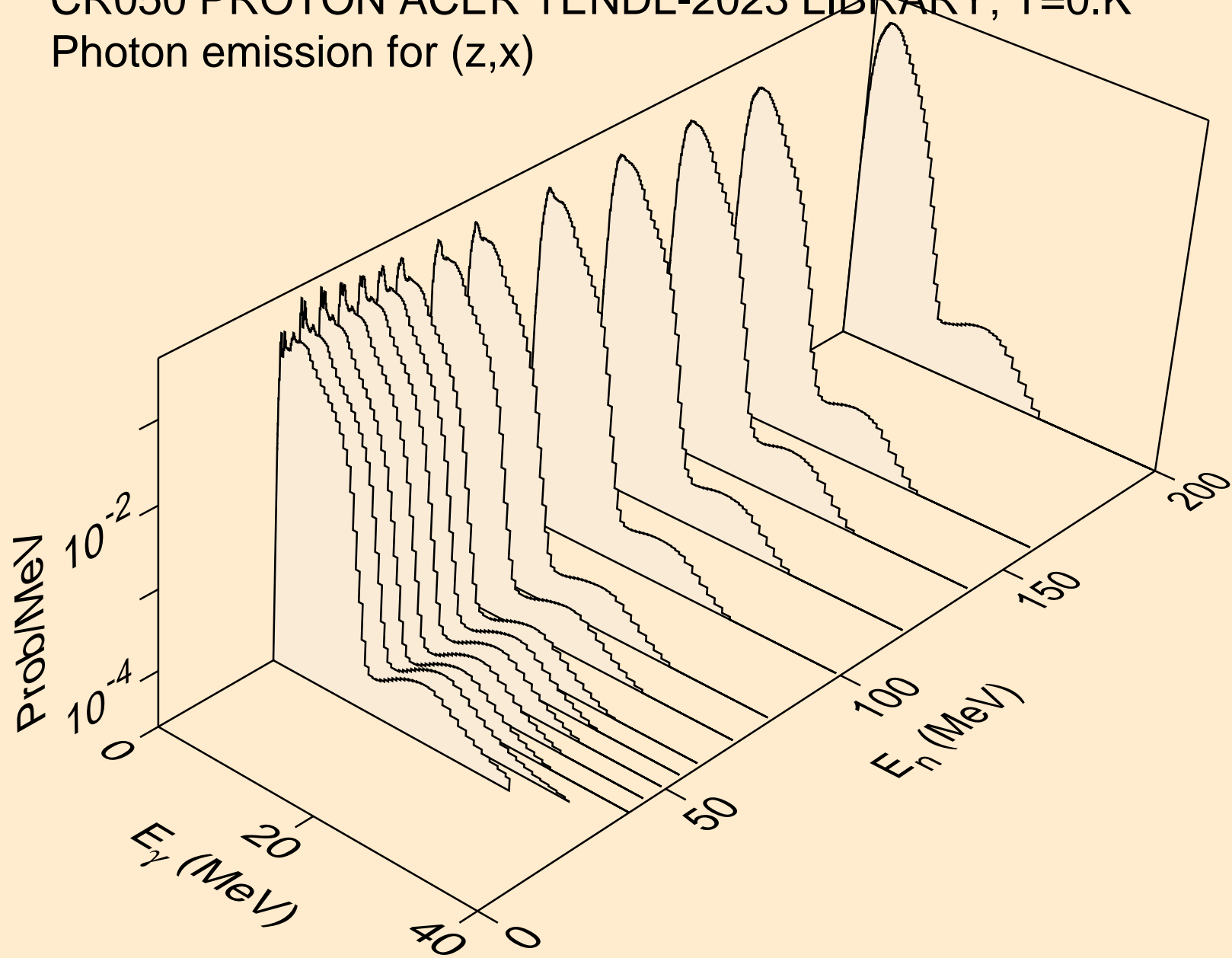
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



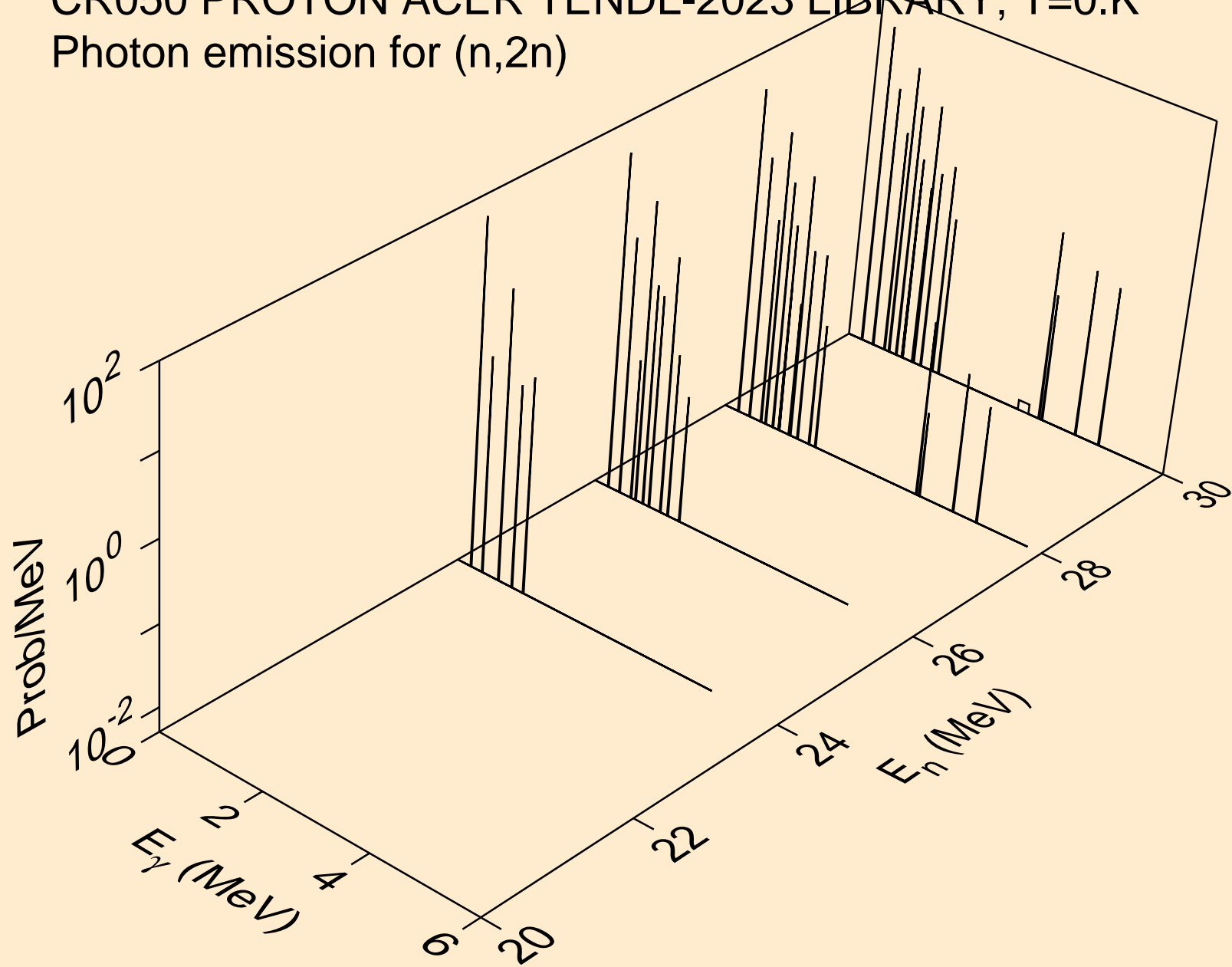
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



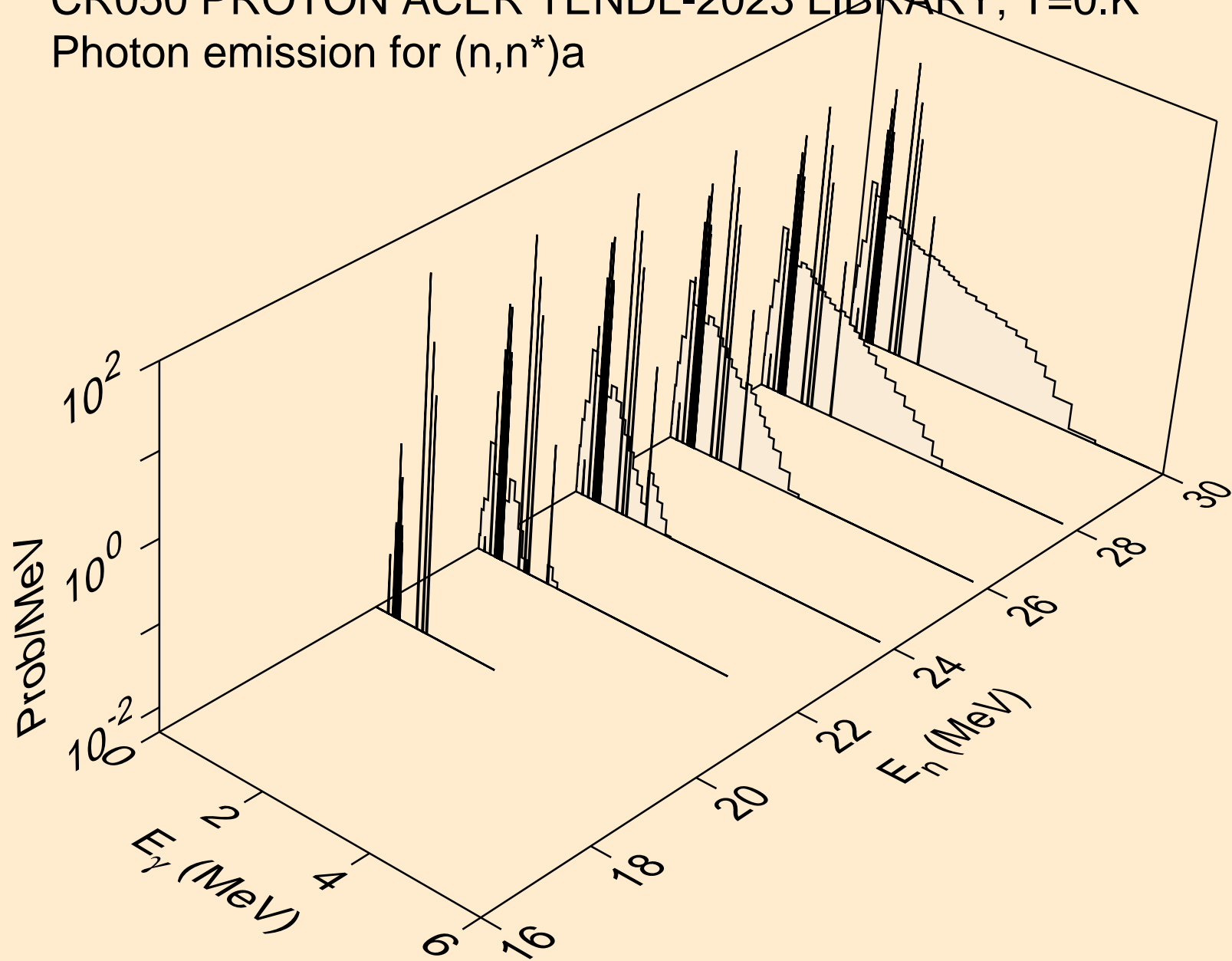
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Photon emission for (z,x)



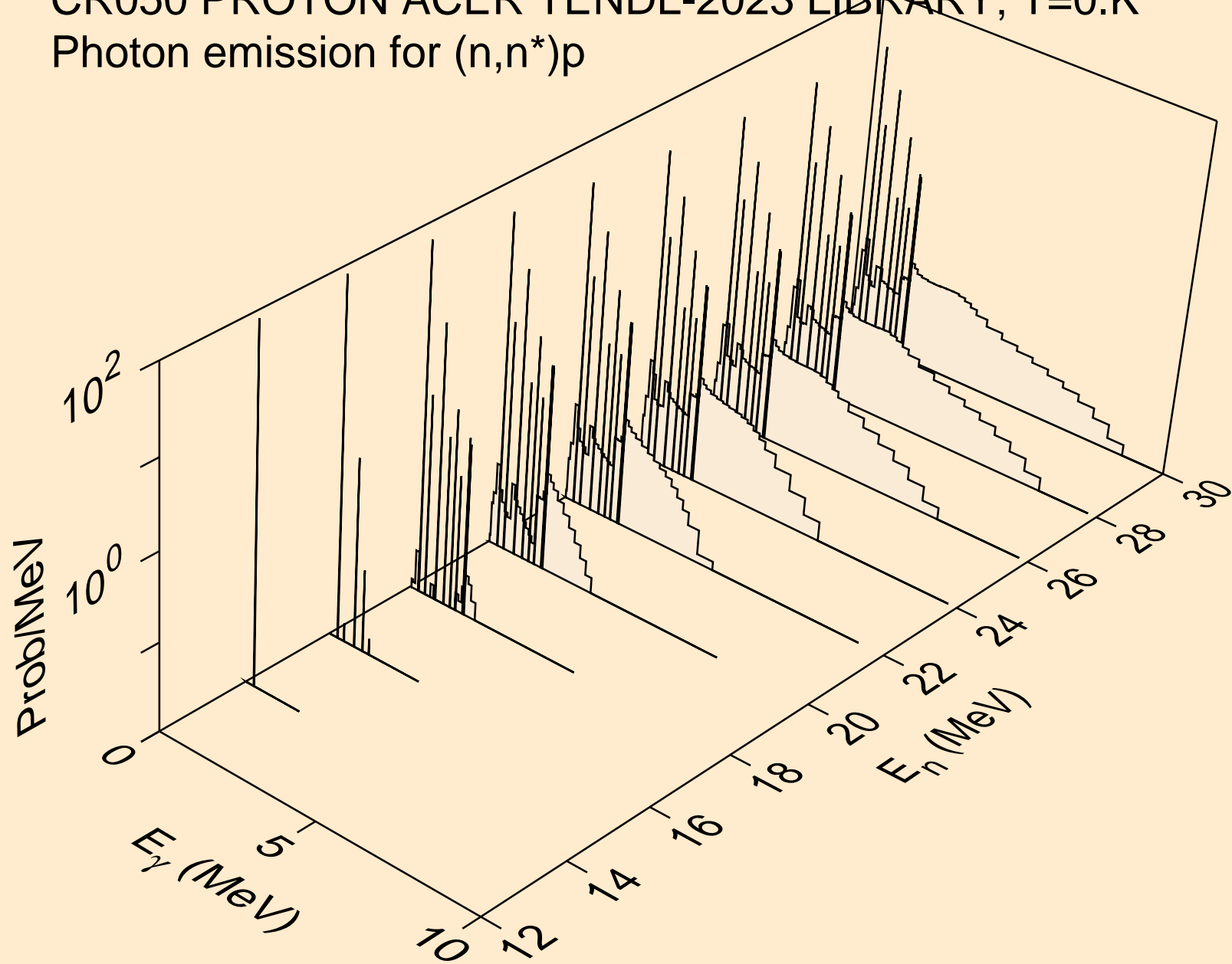
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

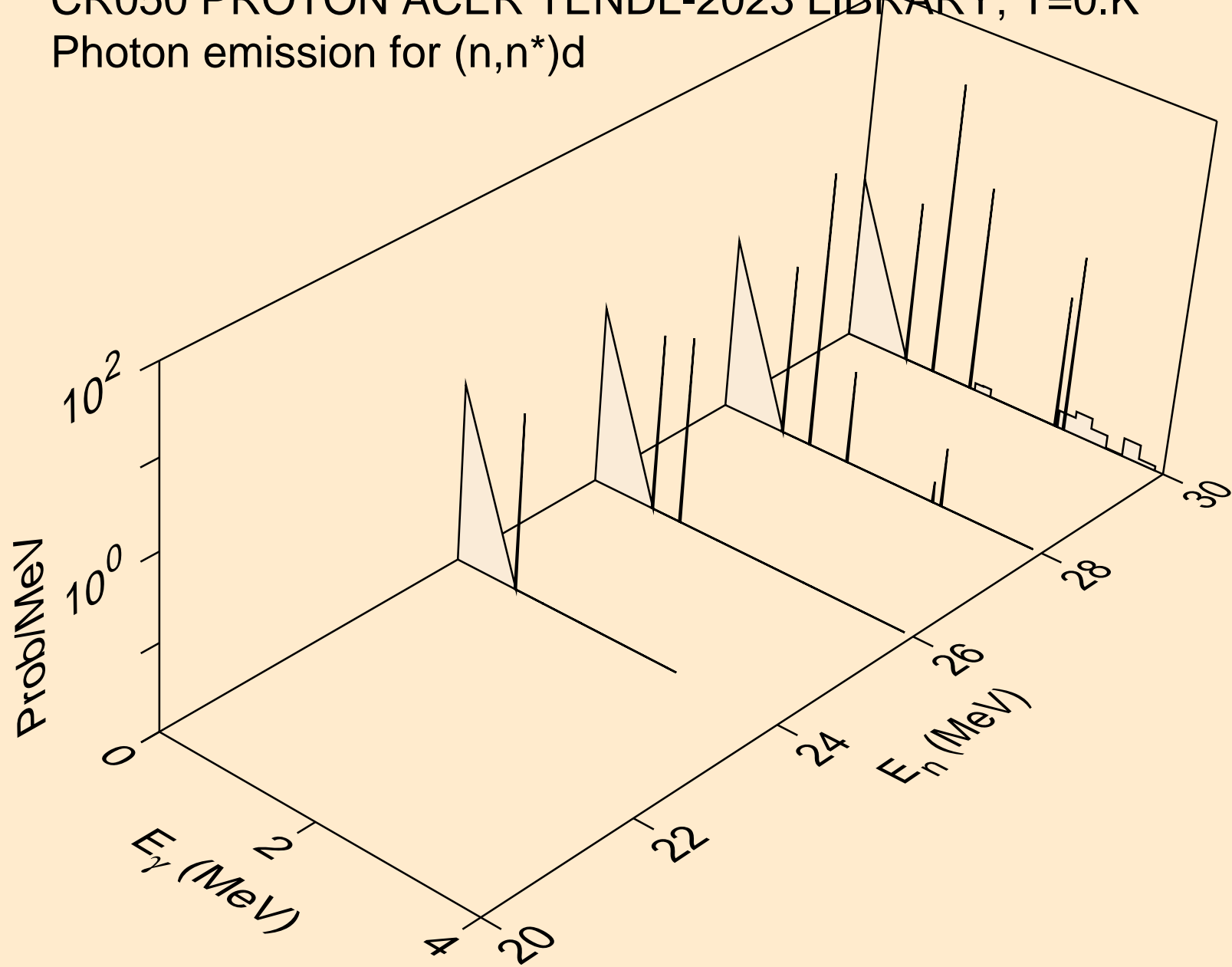


CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

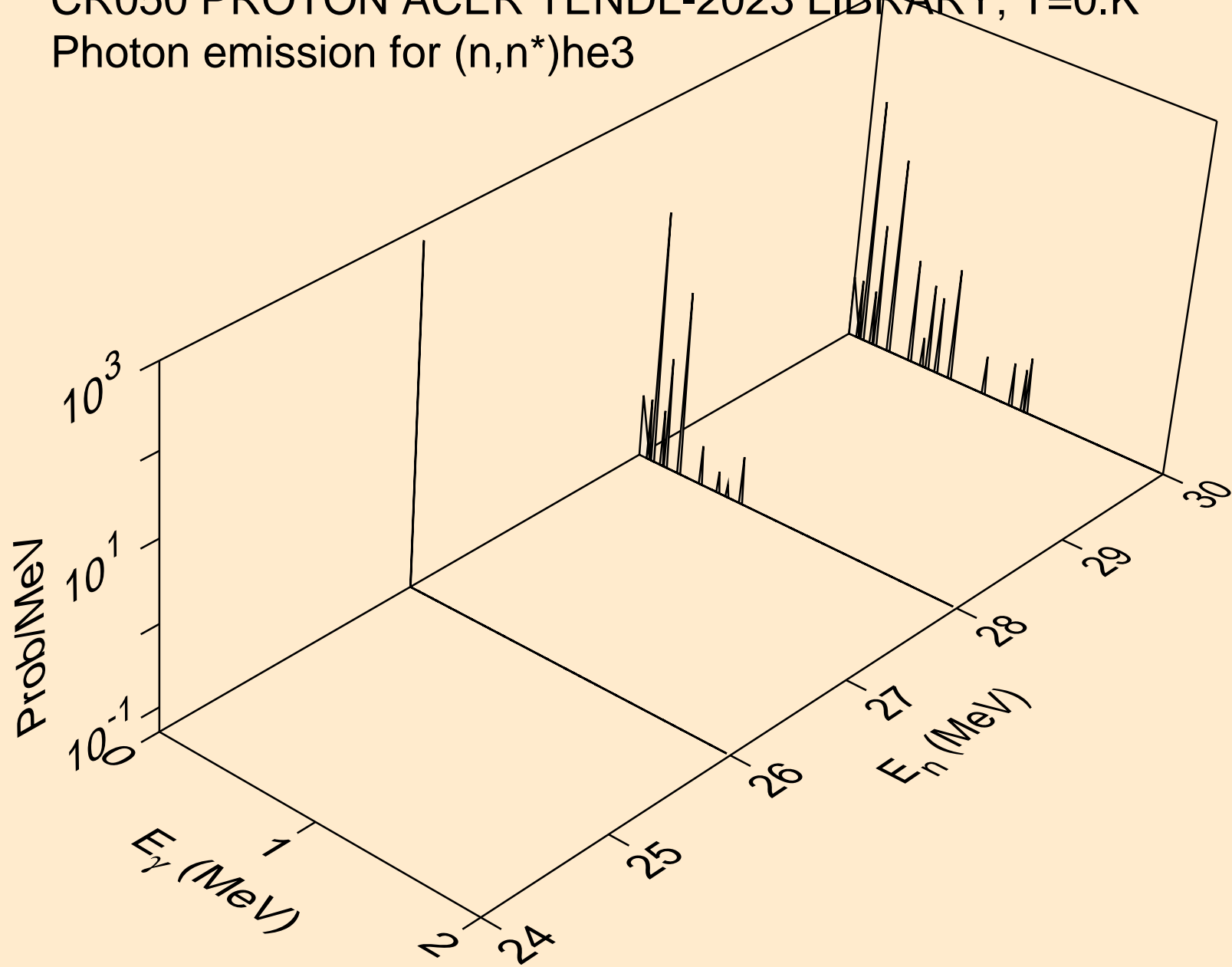




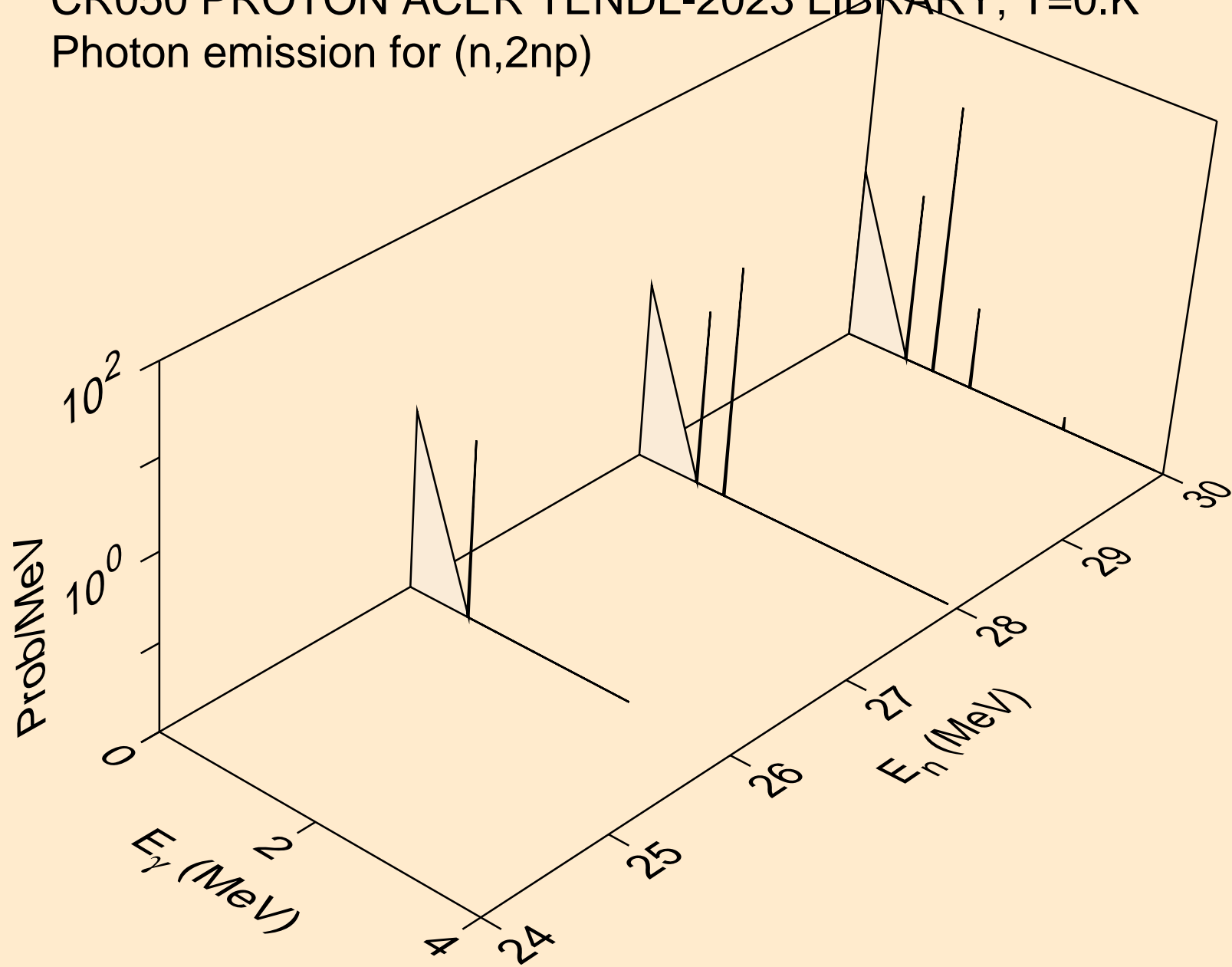
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



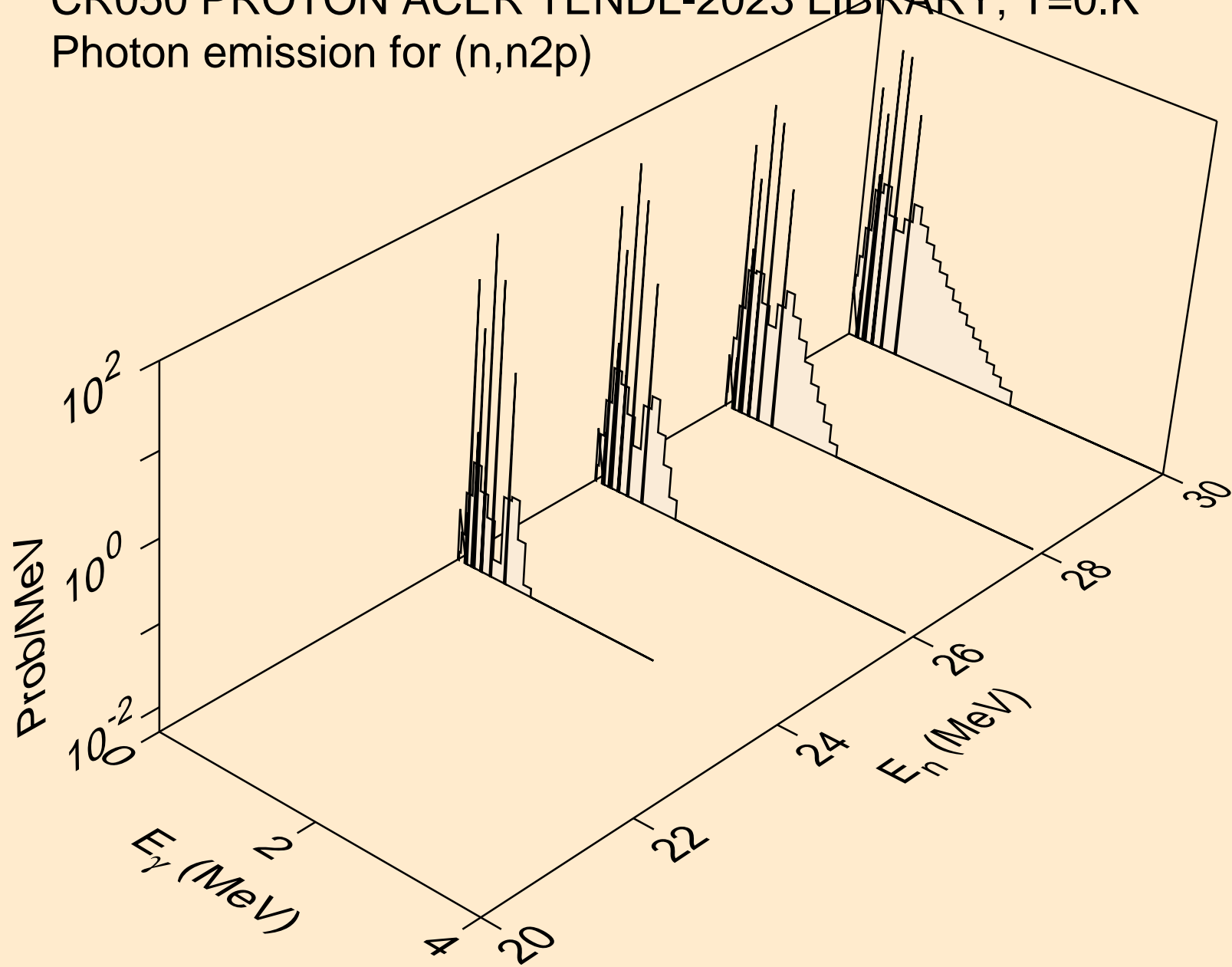
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Photon emission for (n,n\*)he3



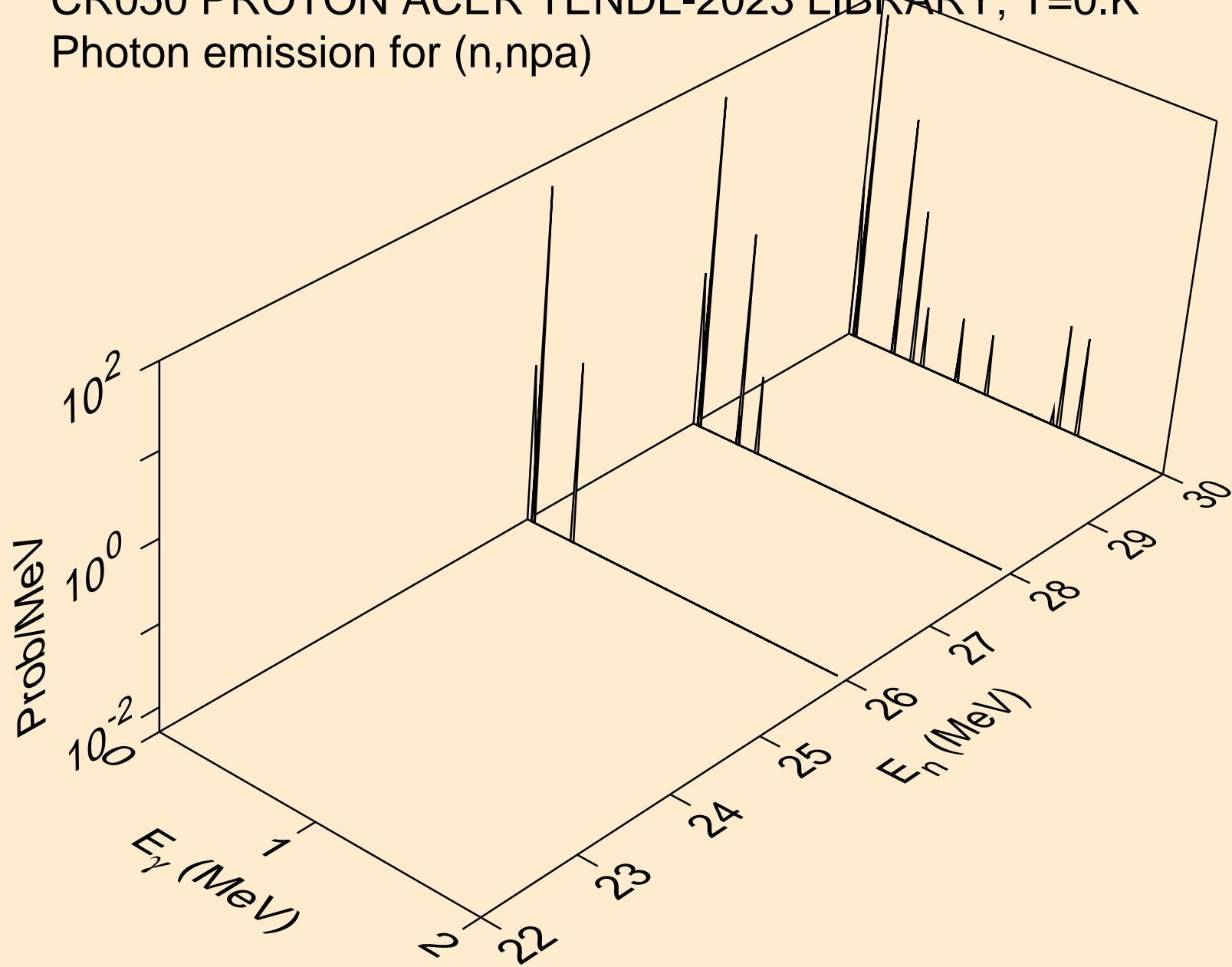
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Photon emission for (n,2np)



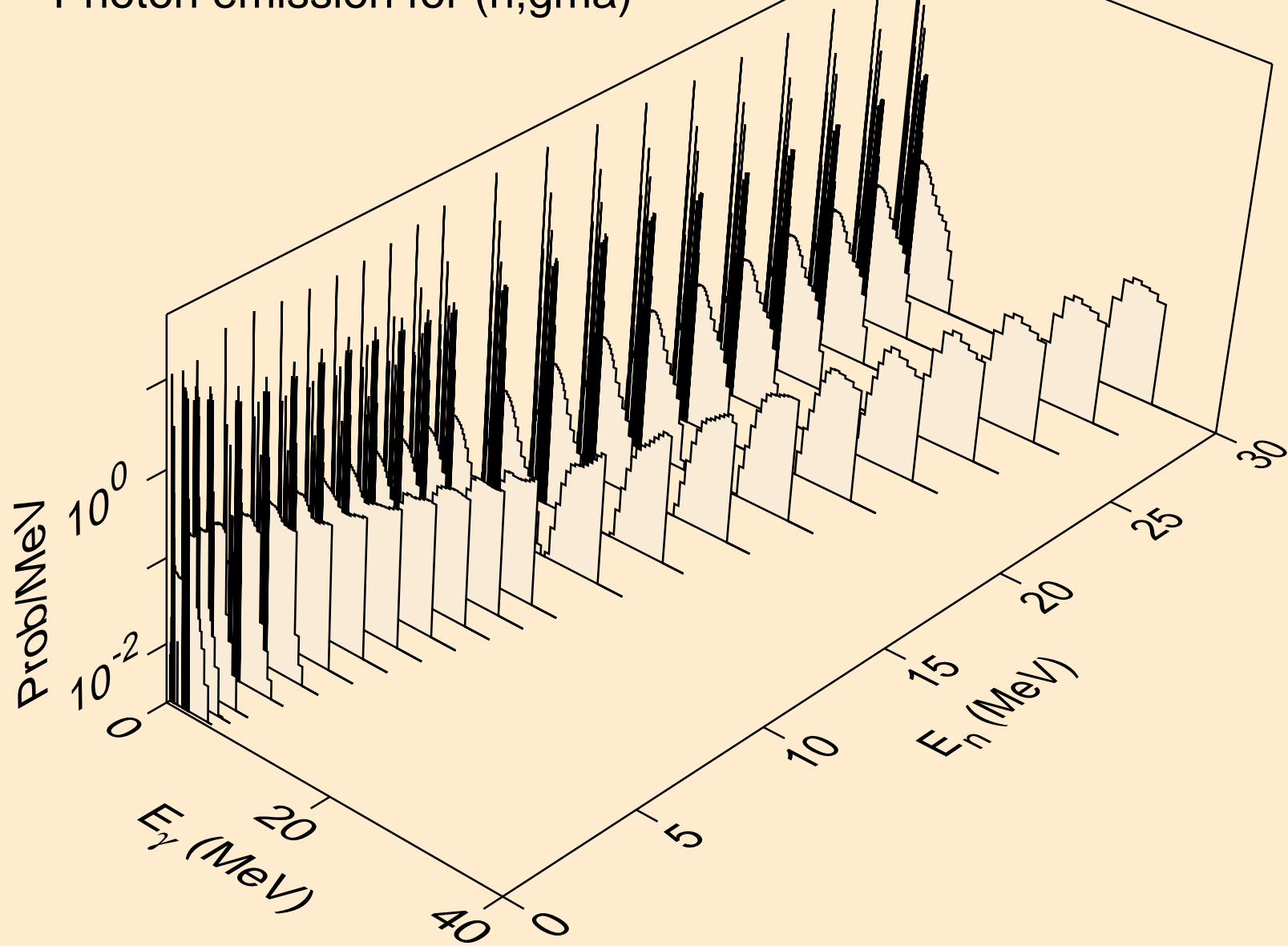
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Photon emission for (n,n2p)



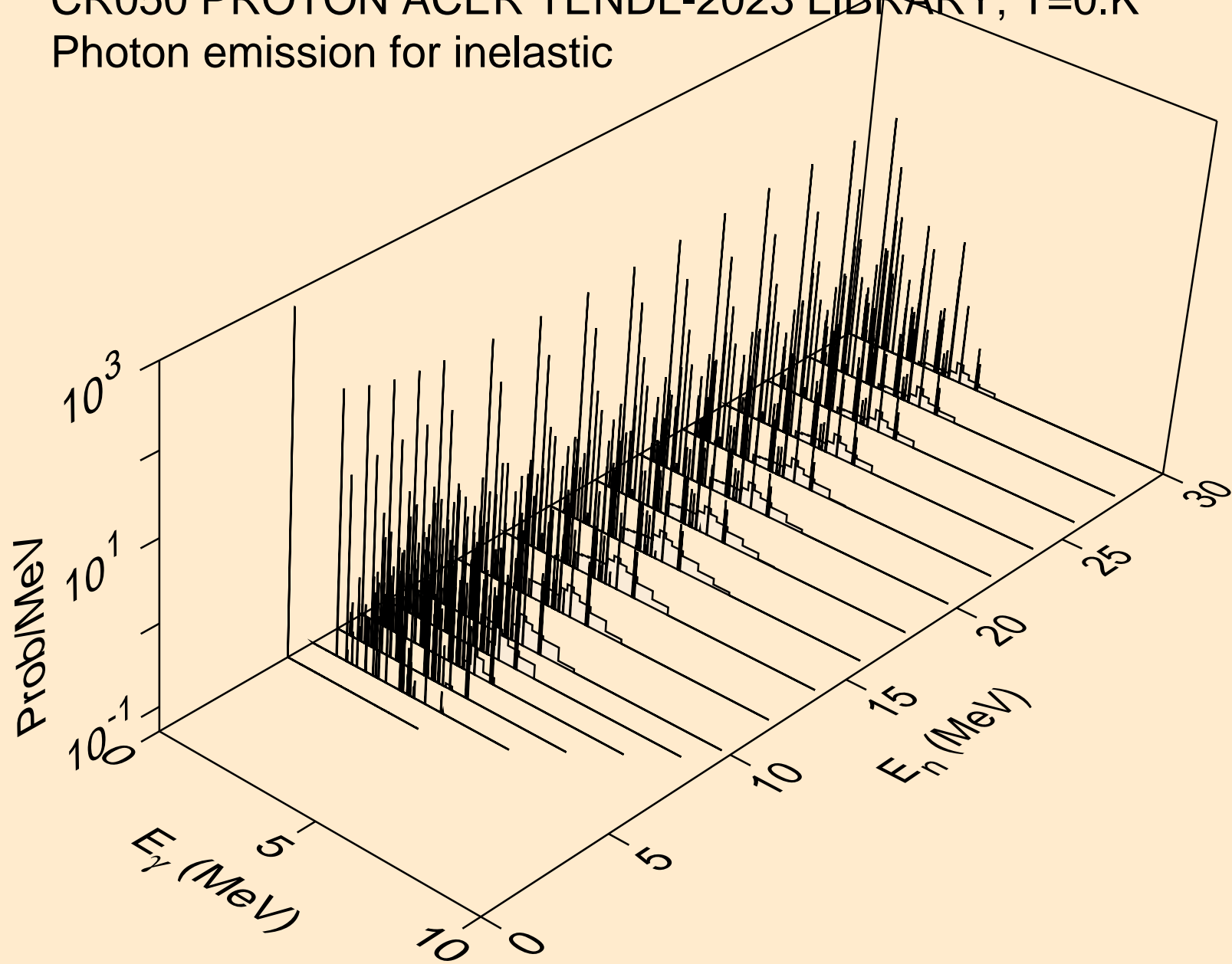
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Photon emission for (n,npa)



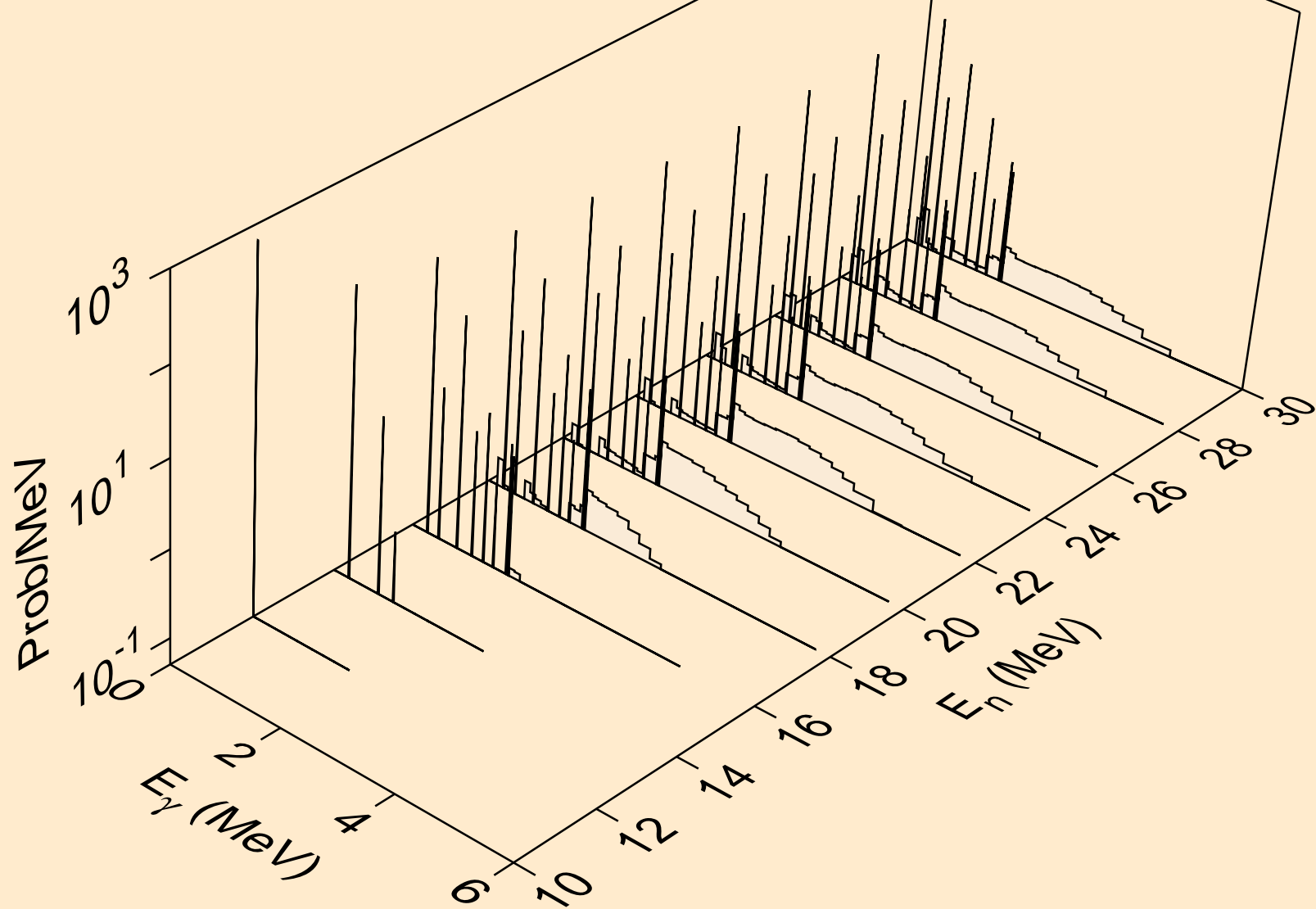
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

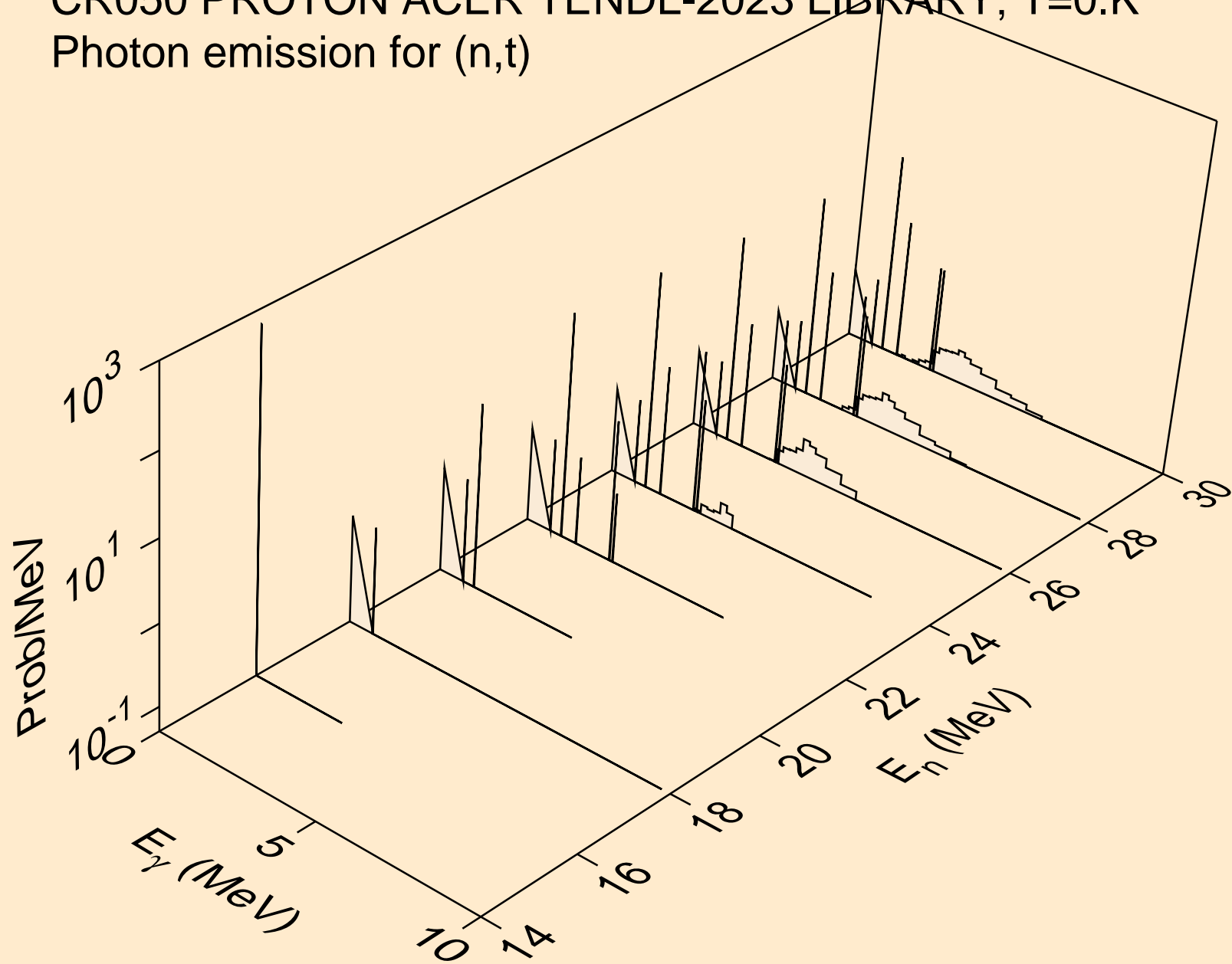


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Photon emission for (n,d)

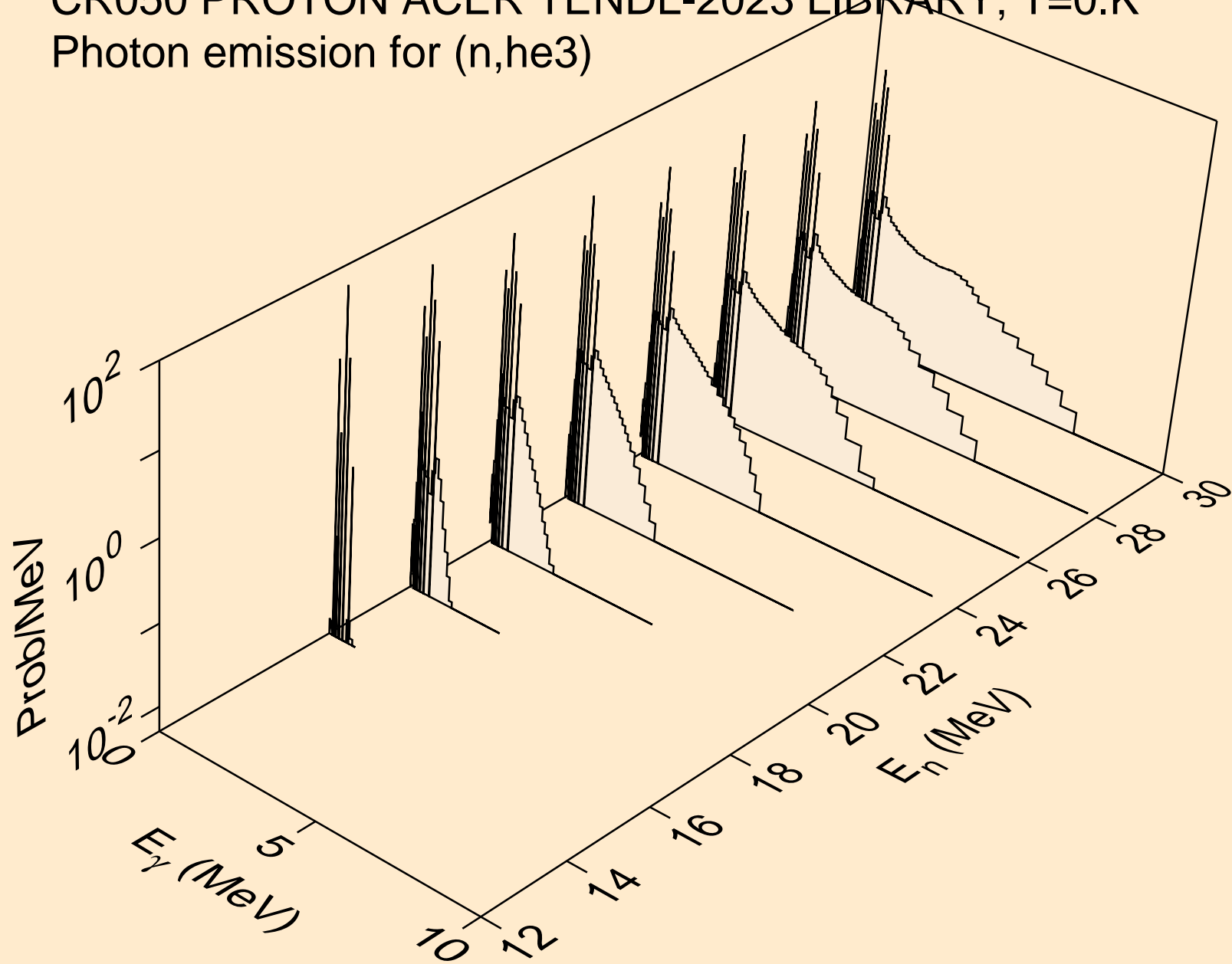




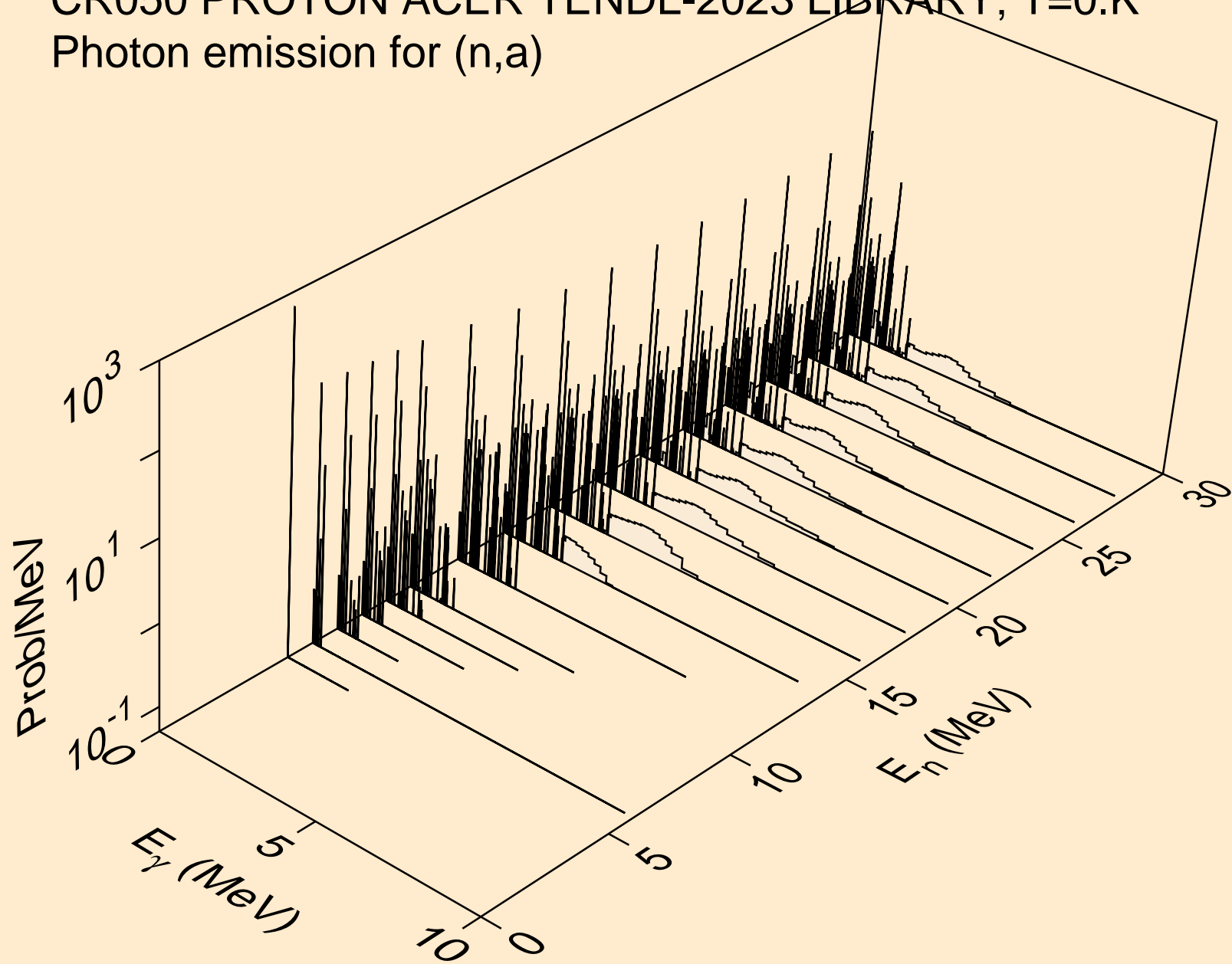
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Photon emission for (n,t)



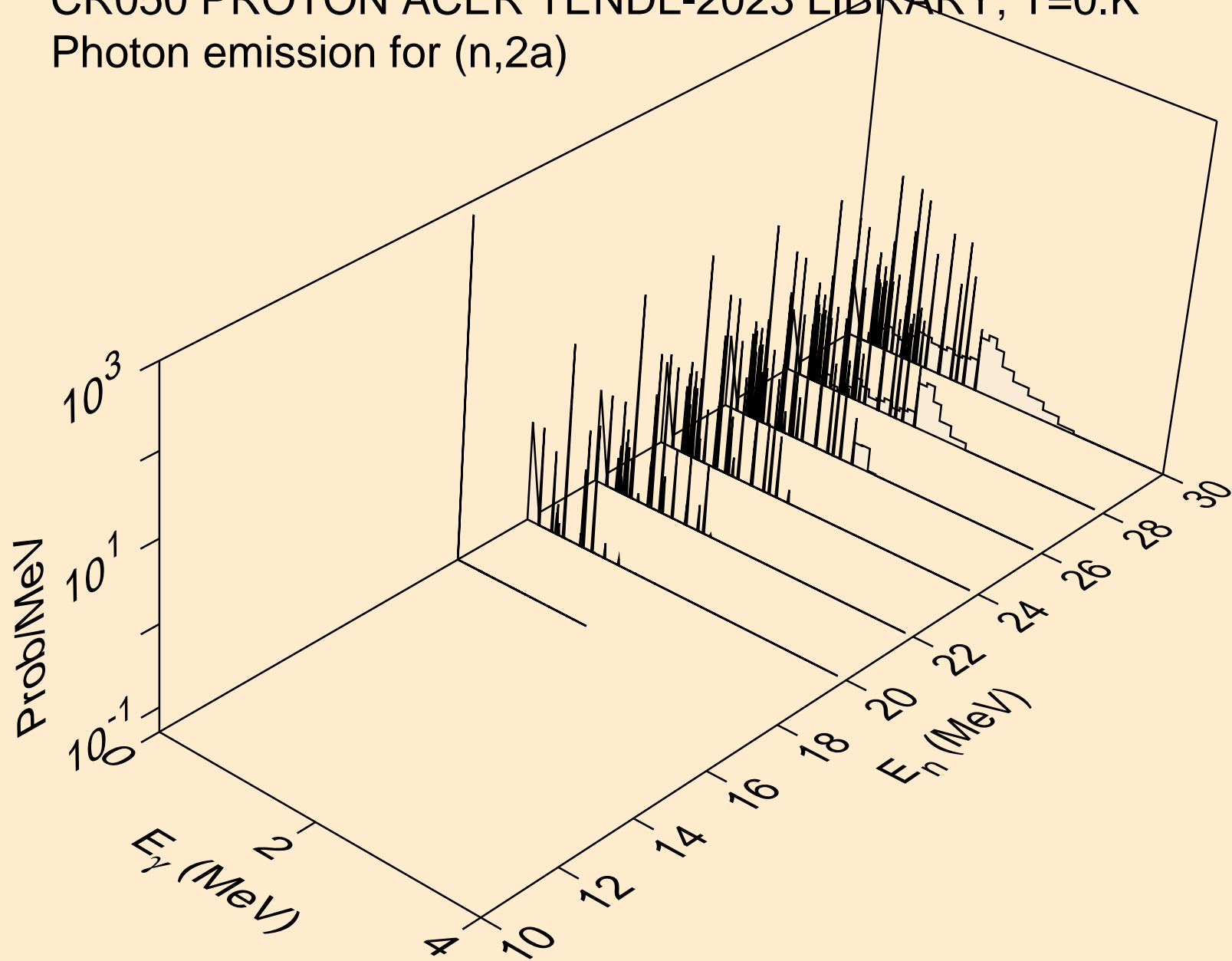
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Photon emission for (n,he3)



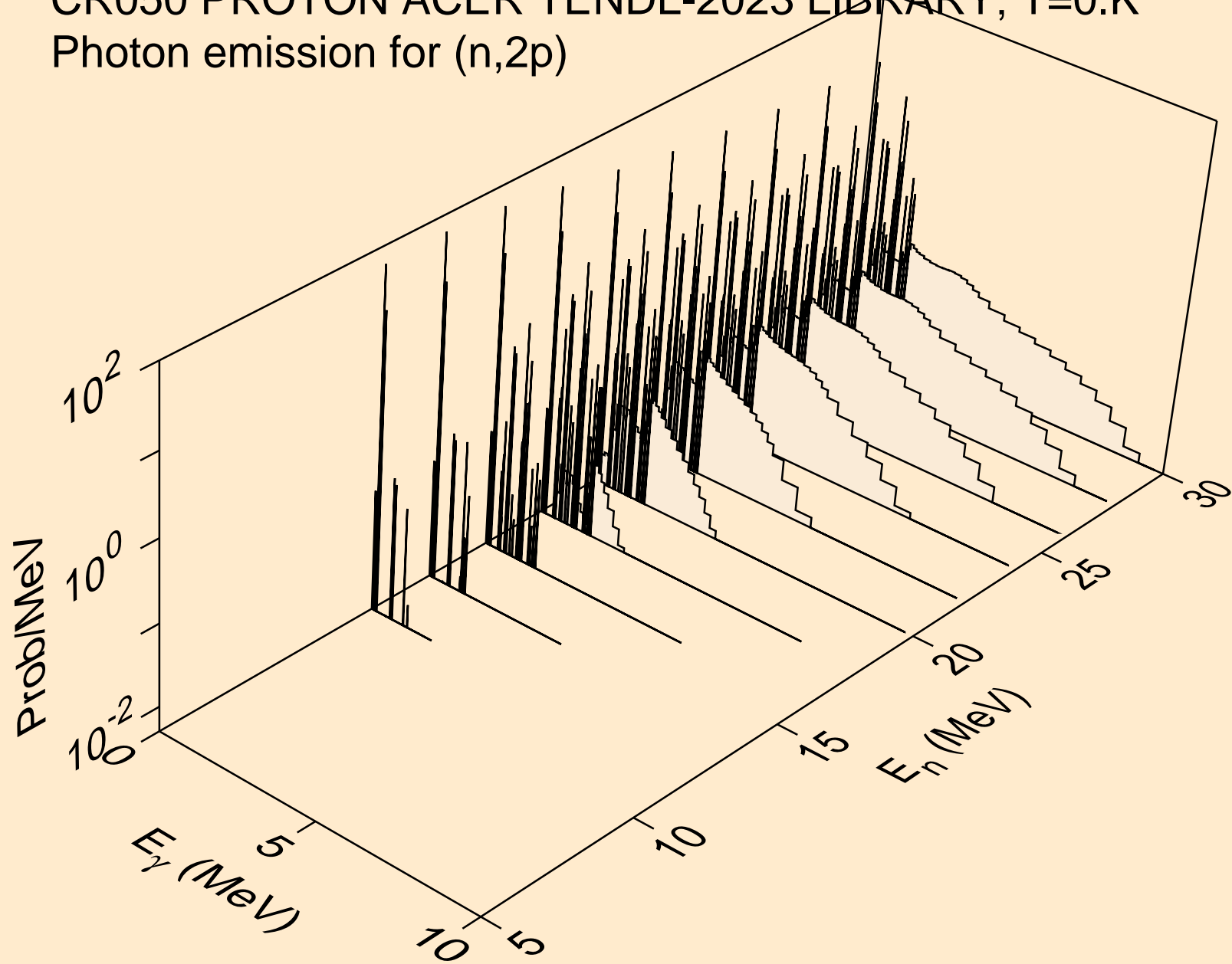
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Photon emission for (n,a)



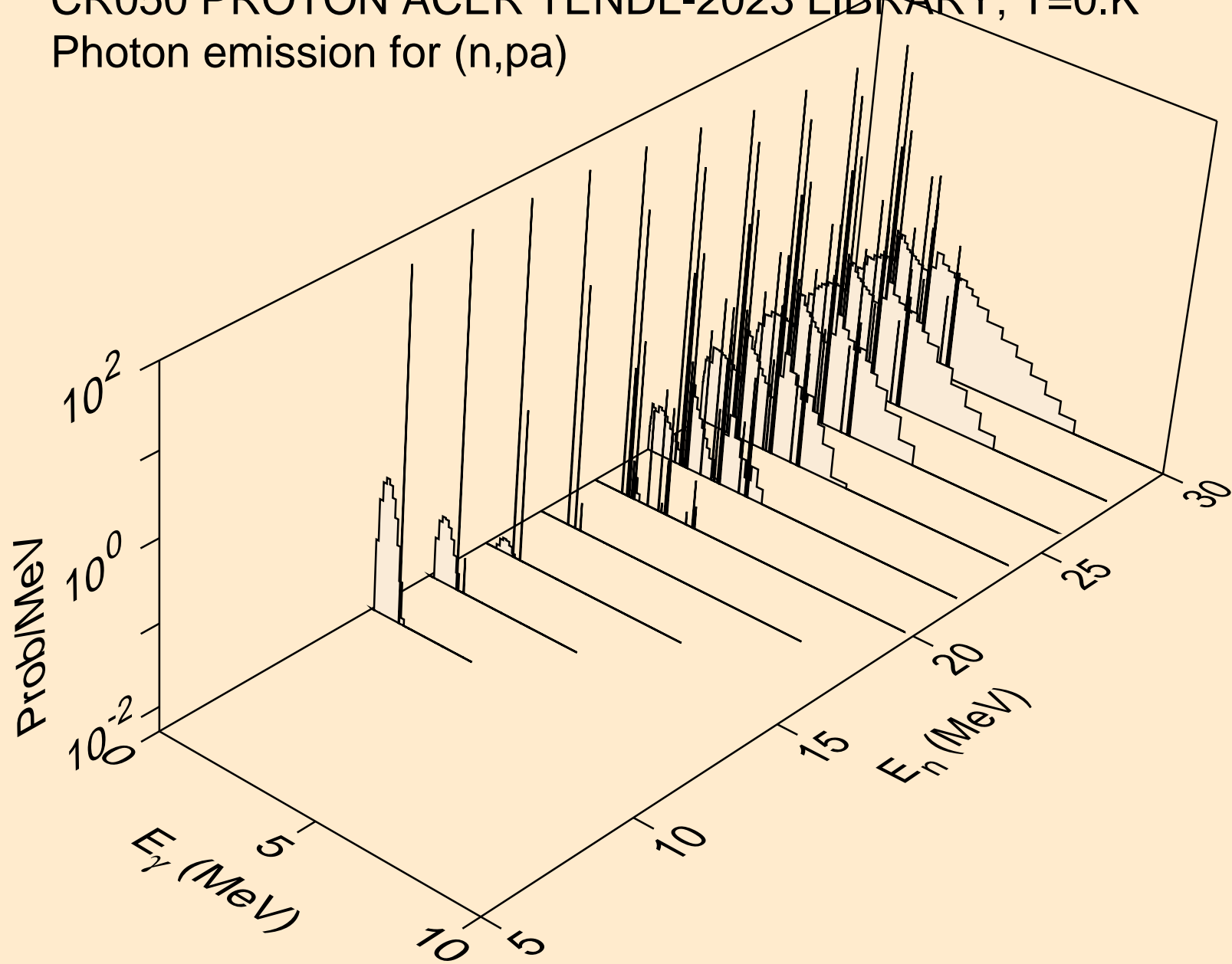
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Photon emission for (n,2a)



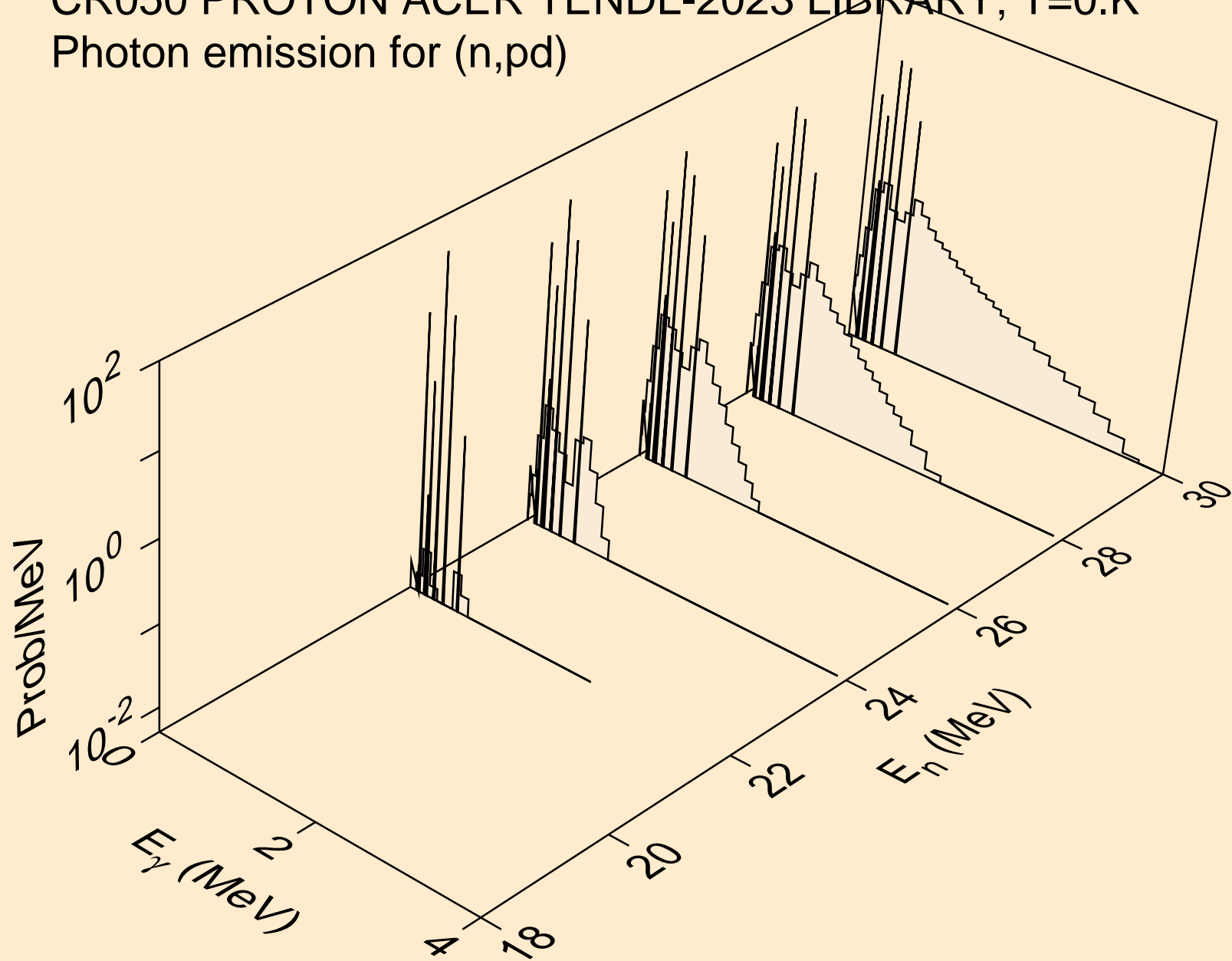
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Photon emission for (n,2p)



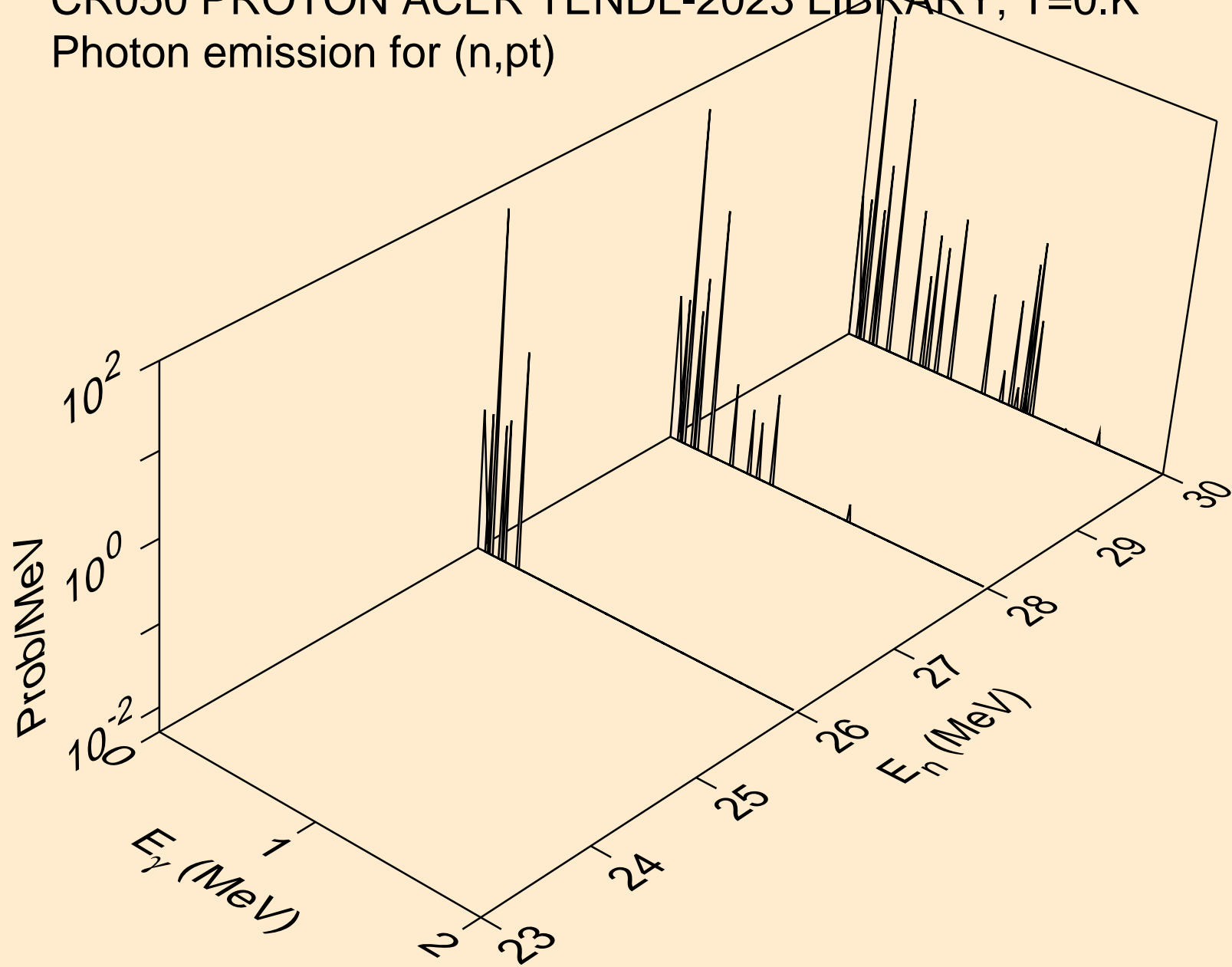
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

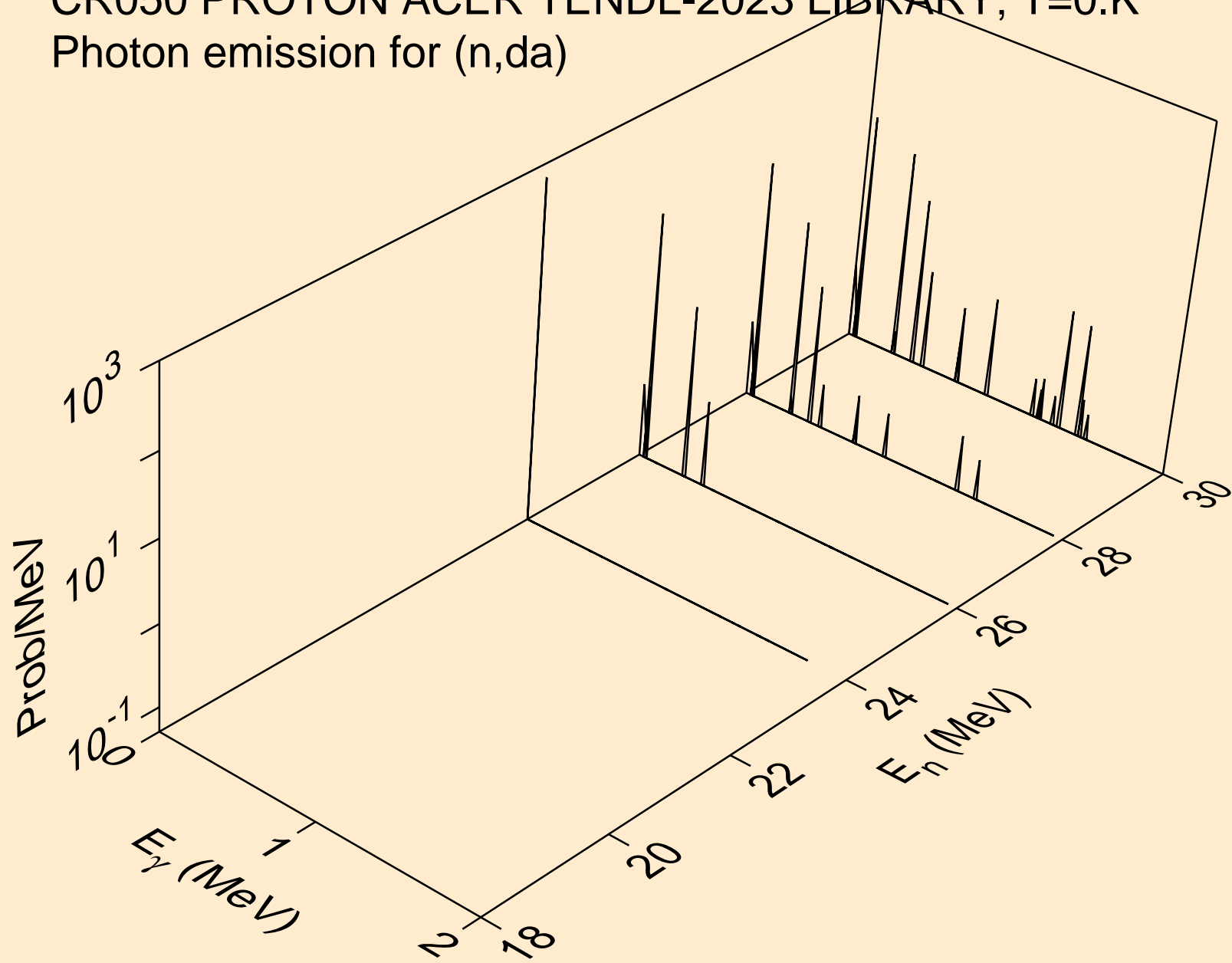


CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



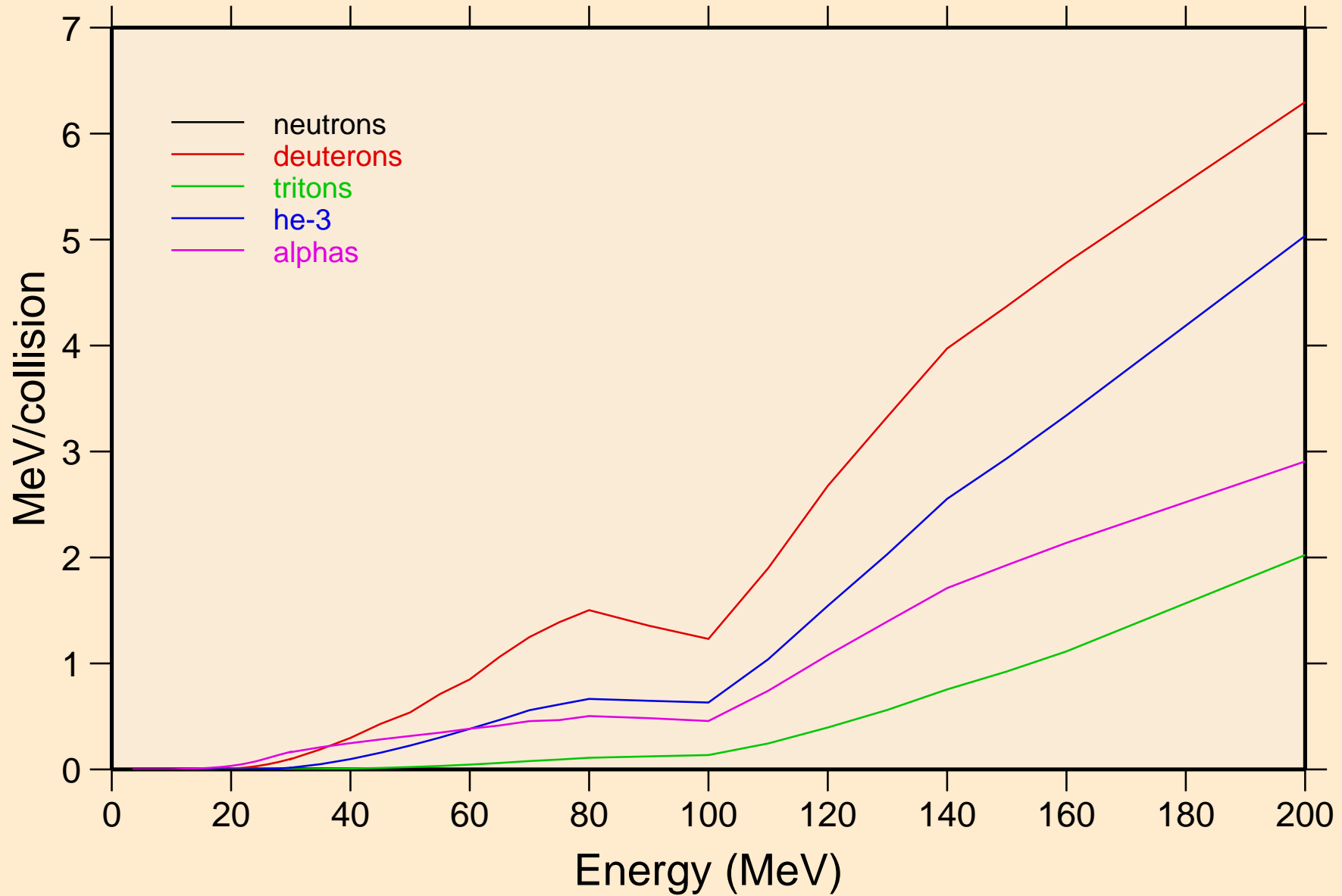


CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



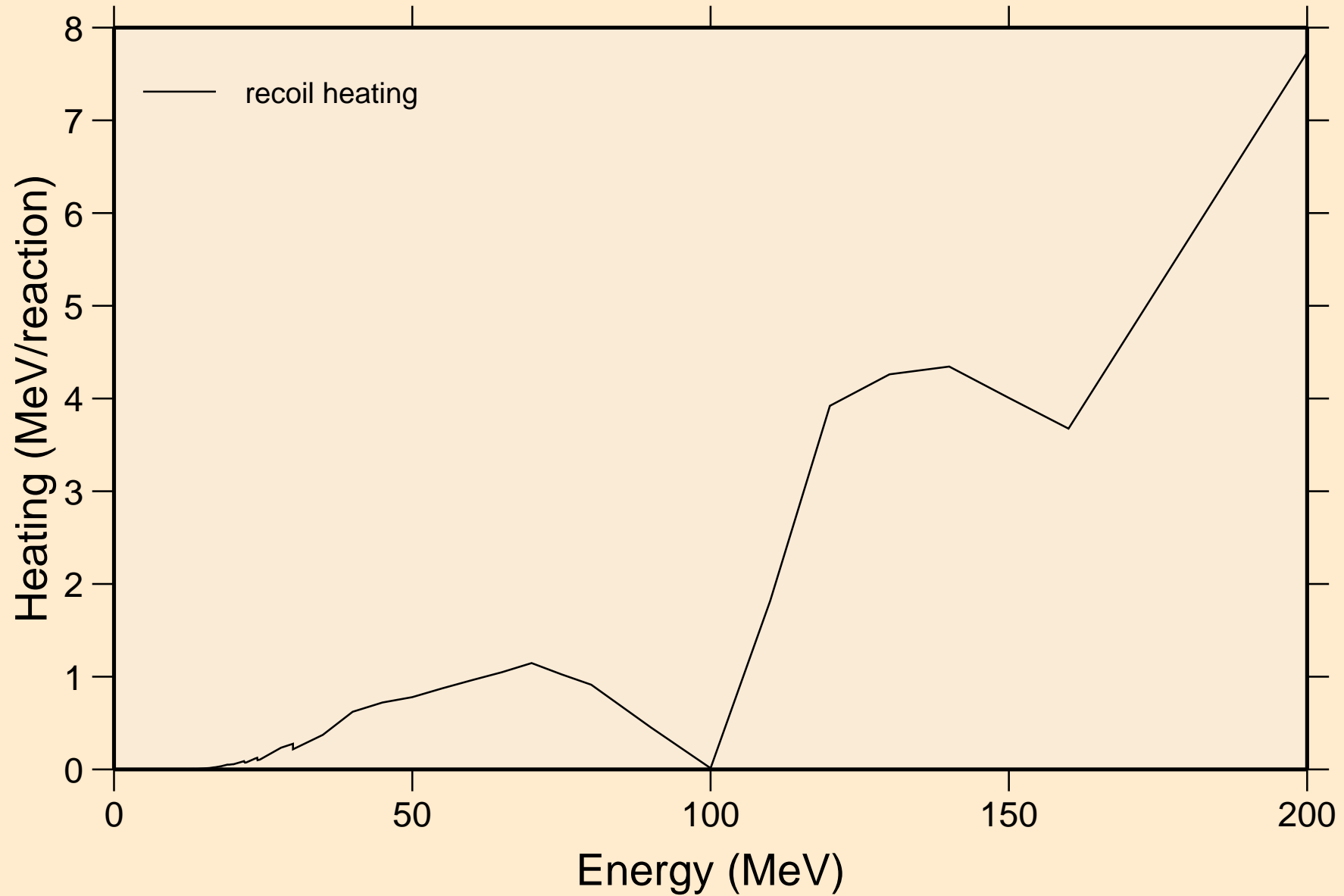
# CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



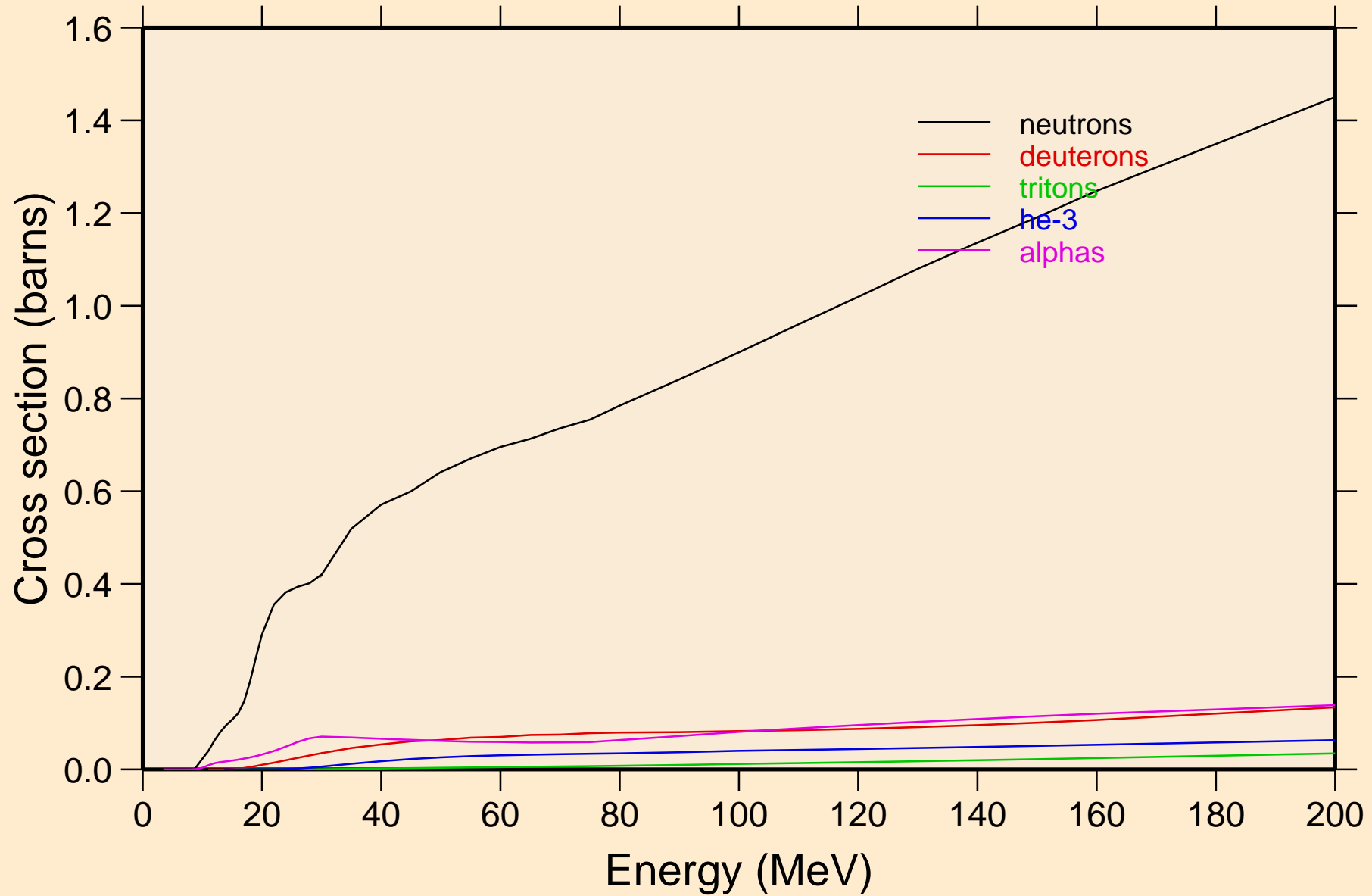
# CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

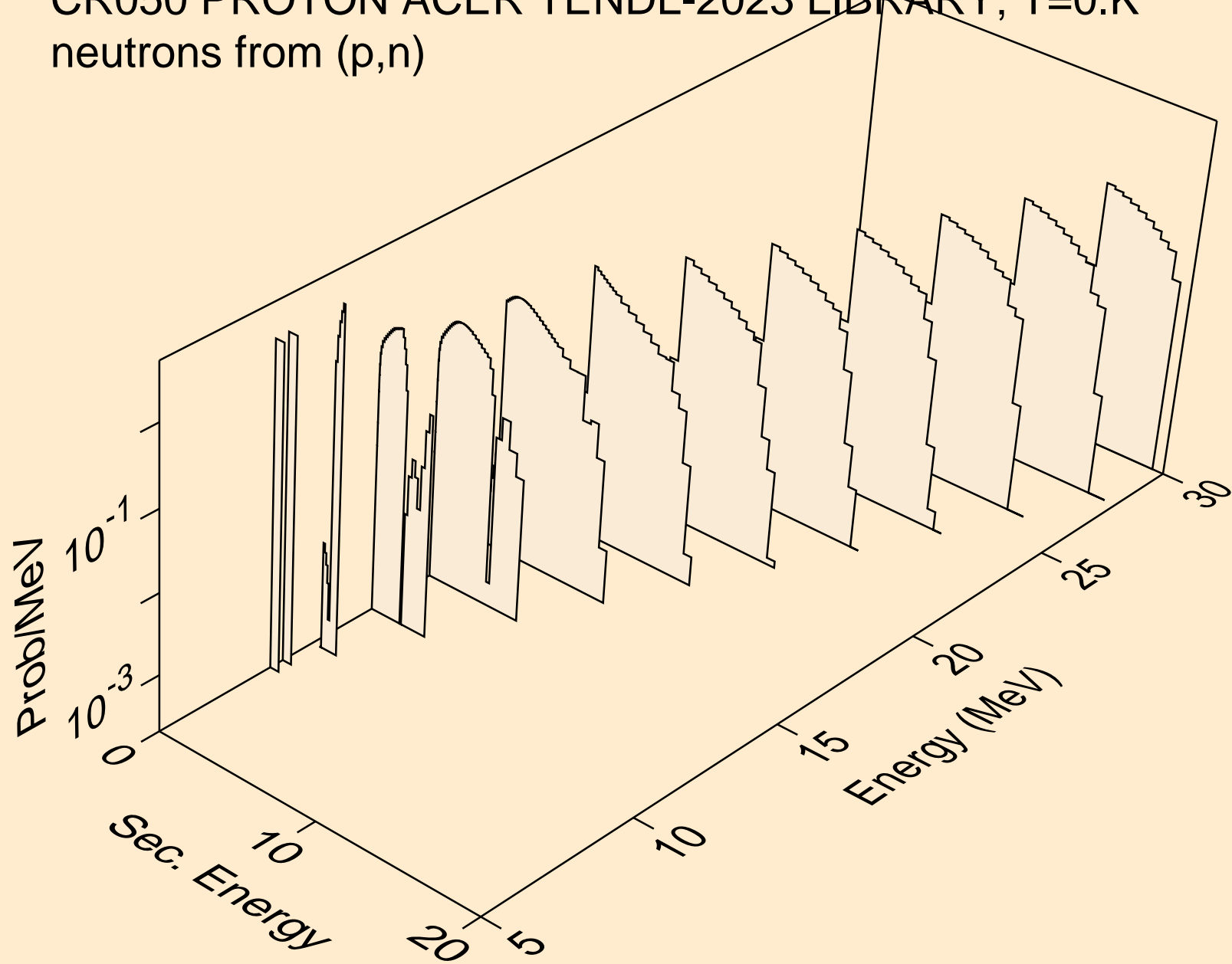


# CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K

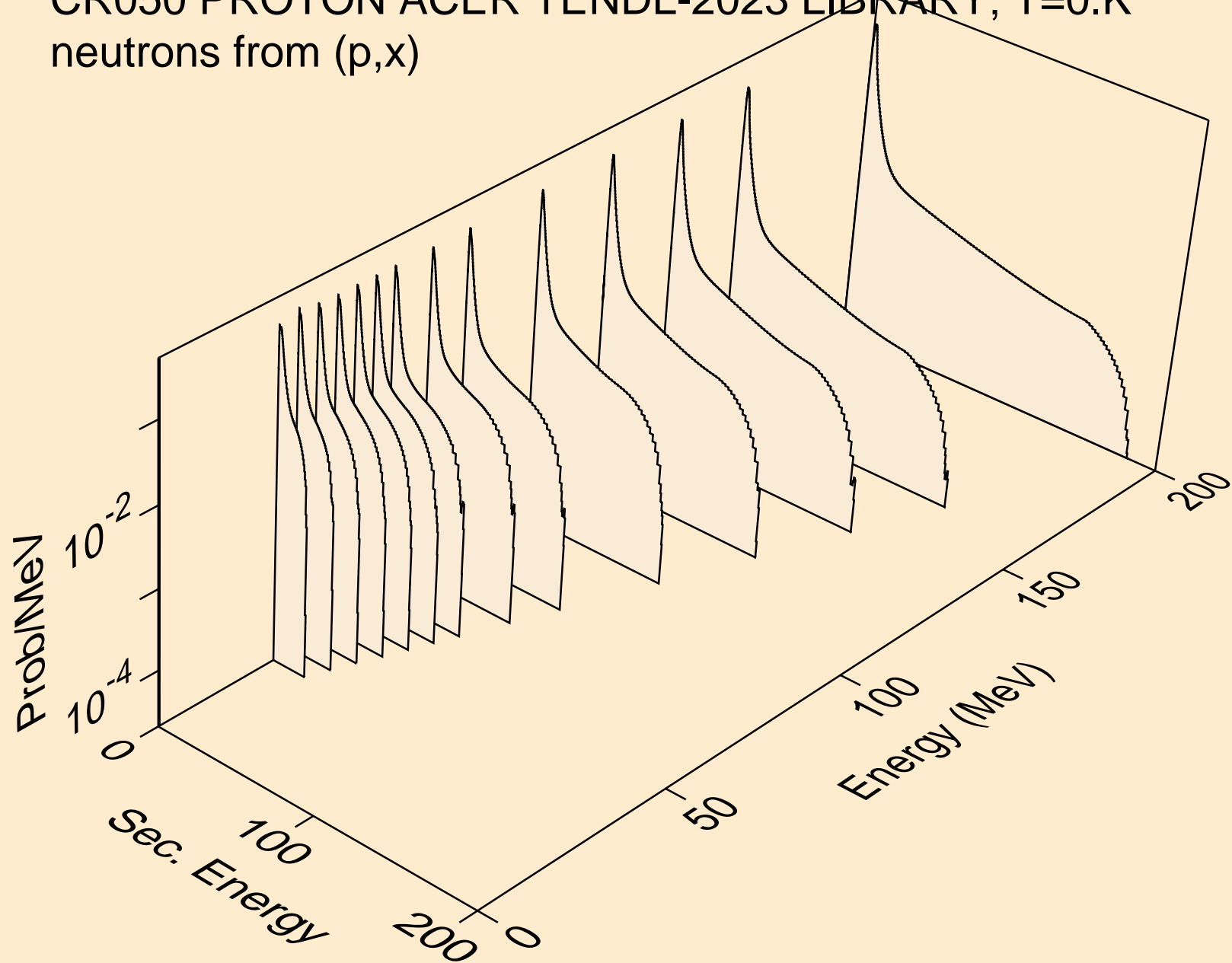
## Particle production cross sections



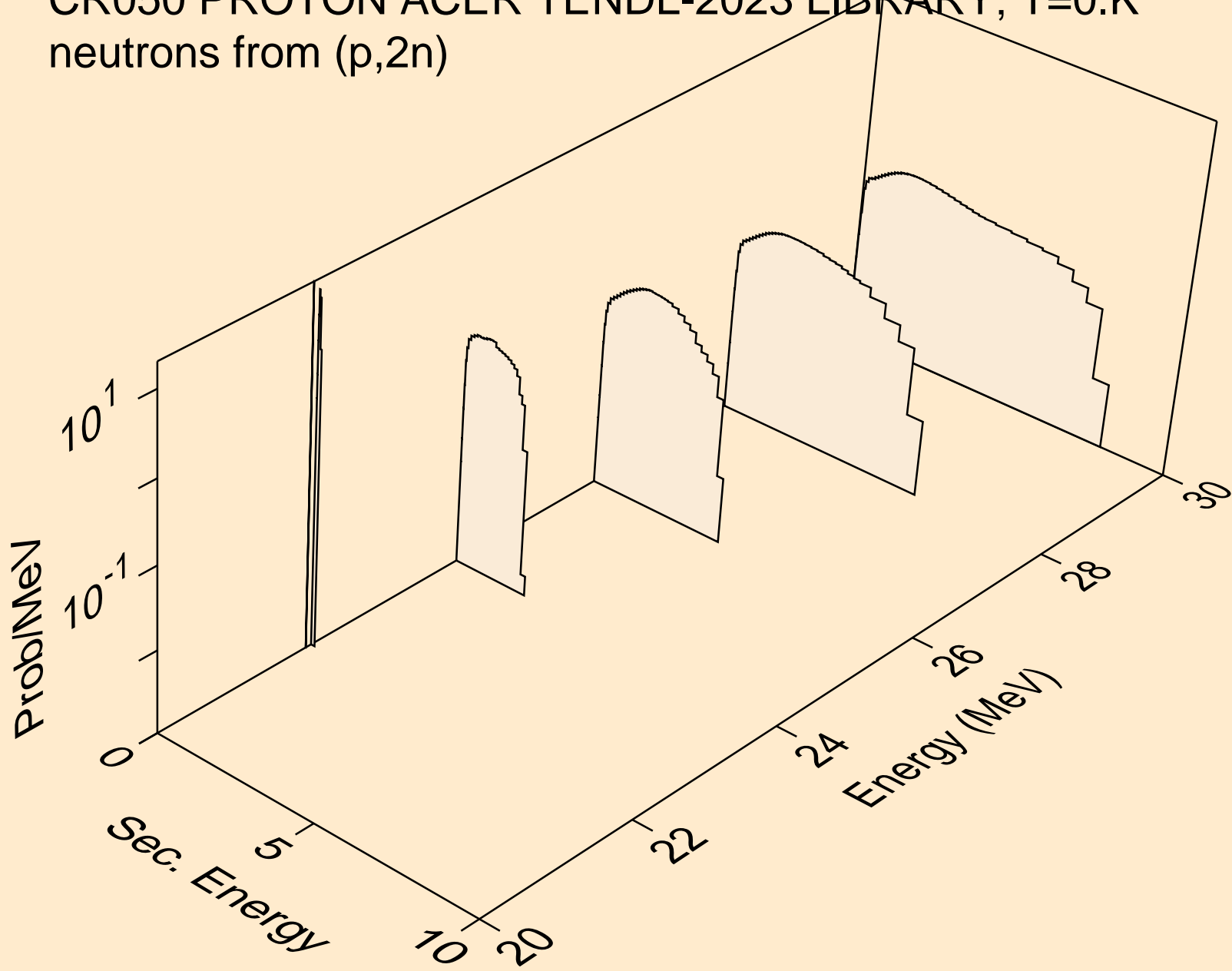
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



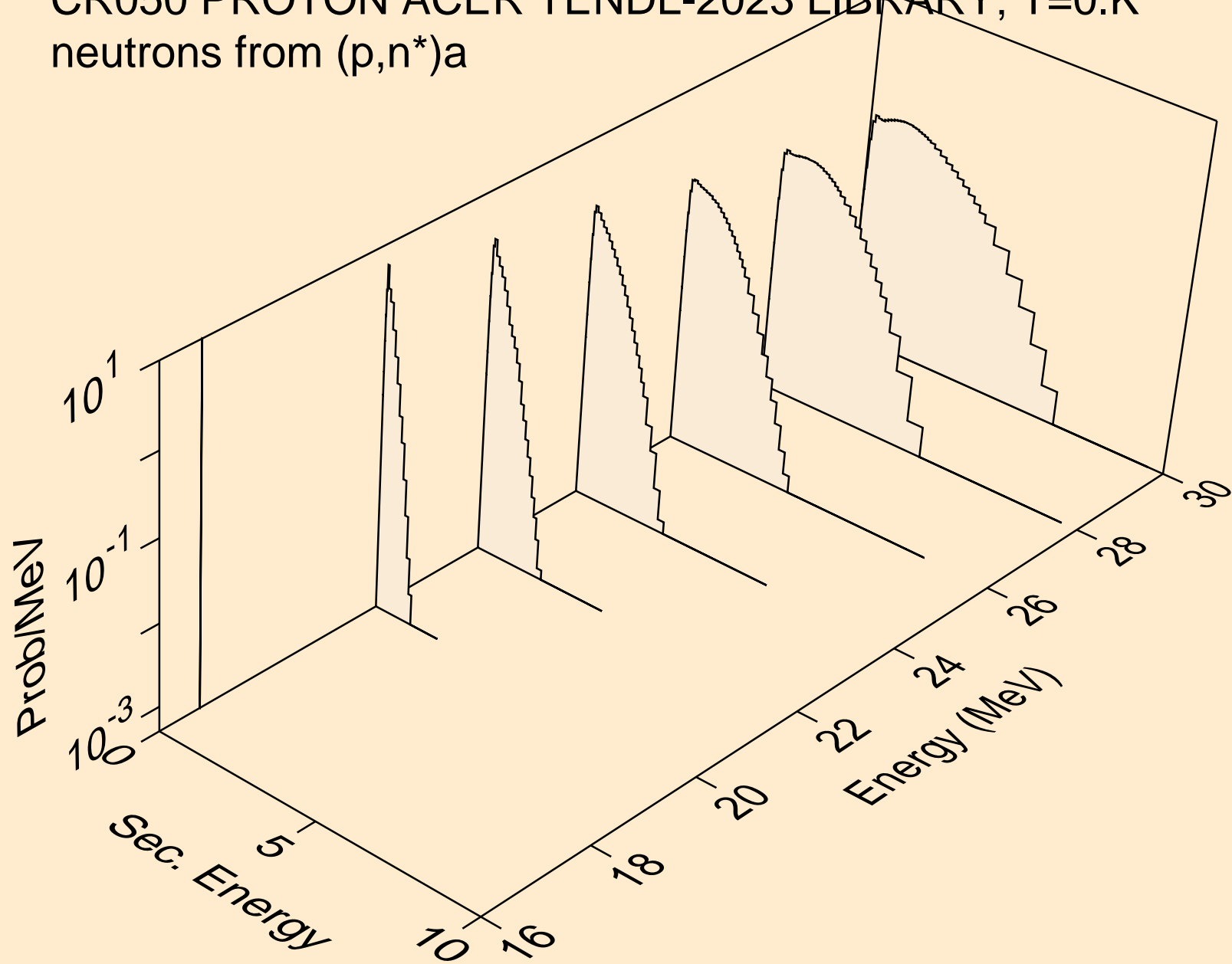
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

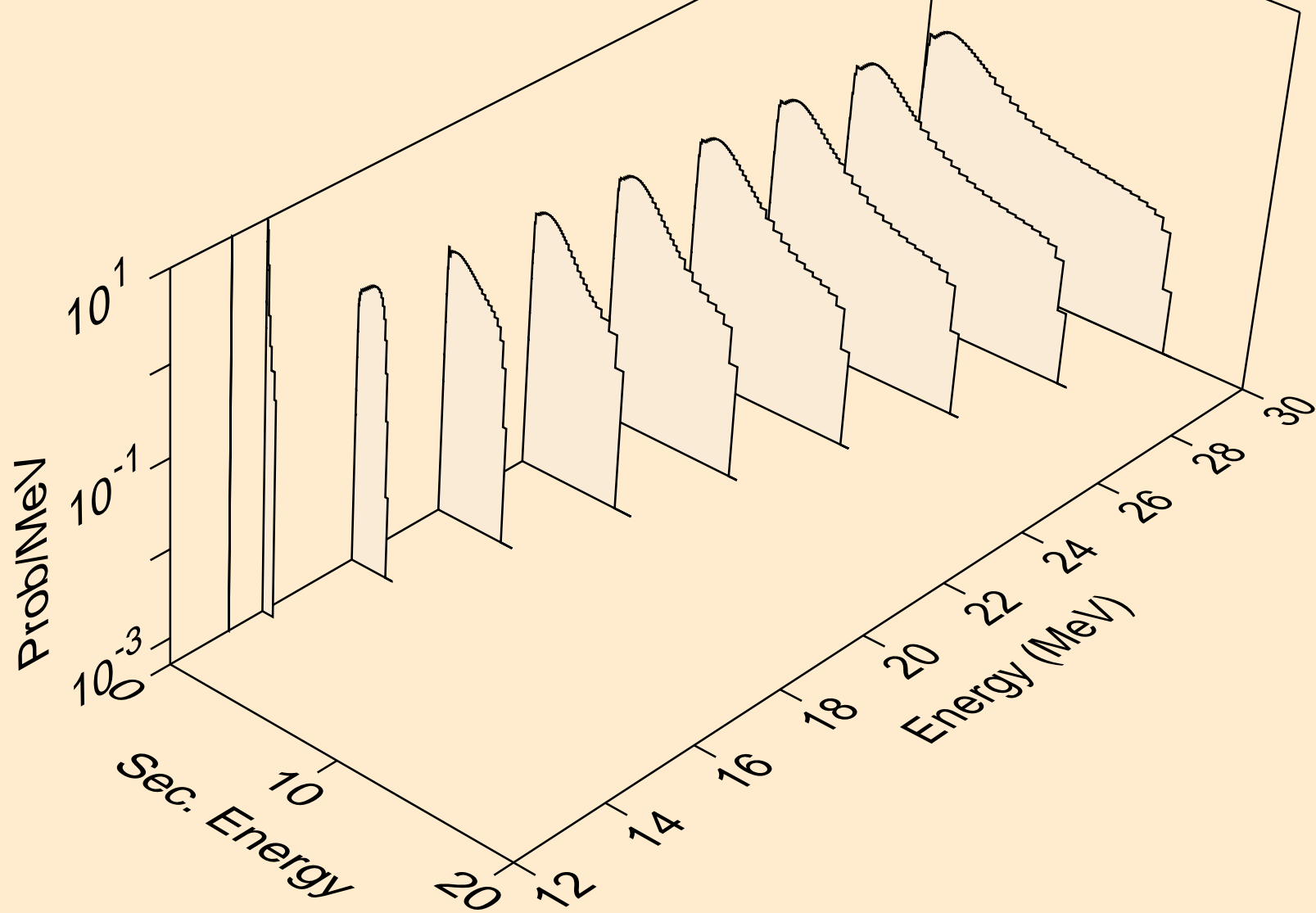


CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a

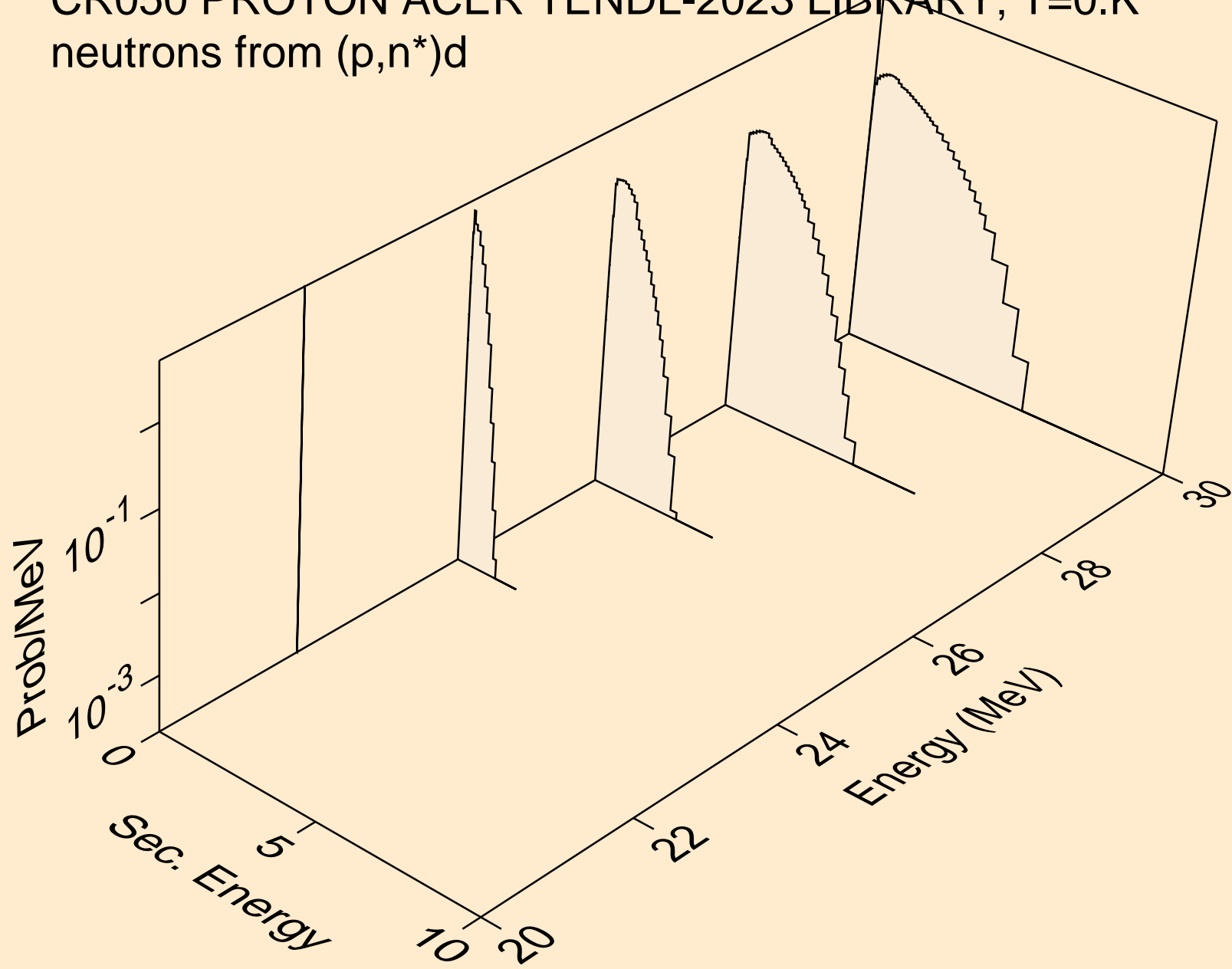




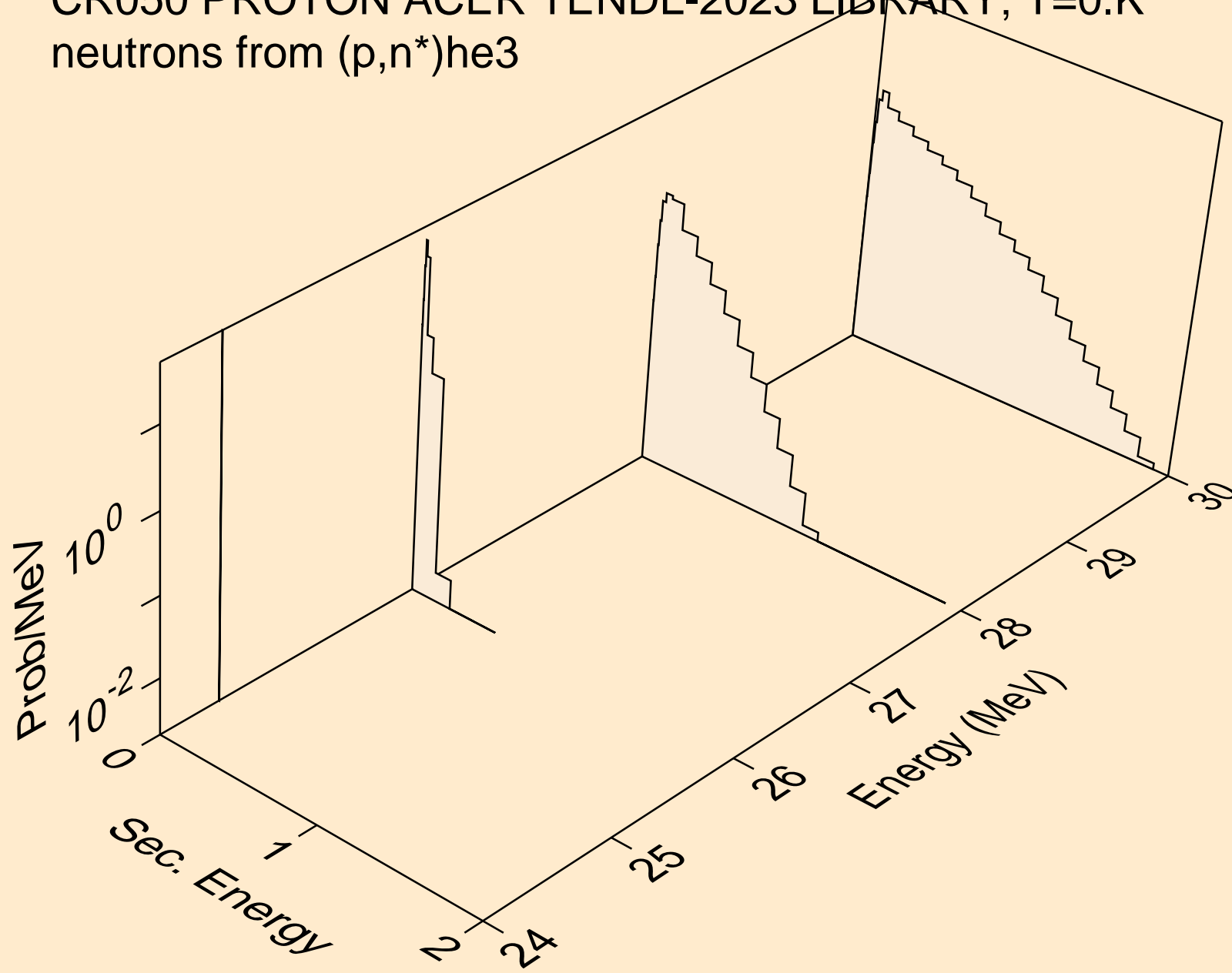
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neutrons from (p,n\*)p



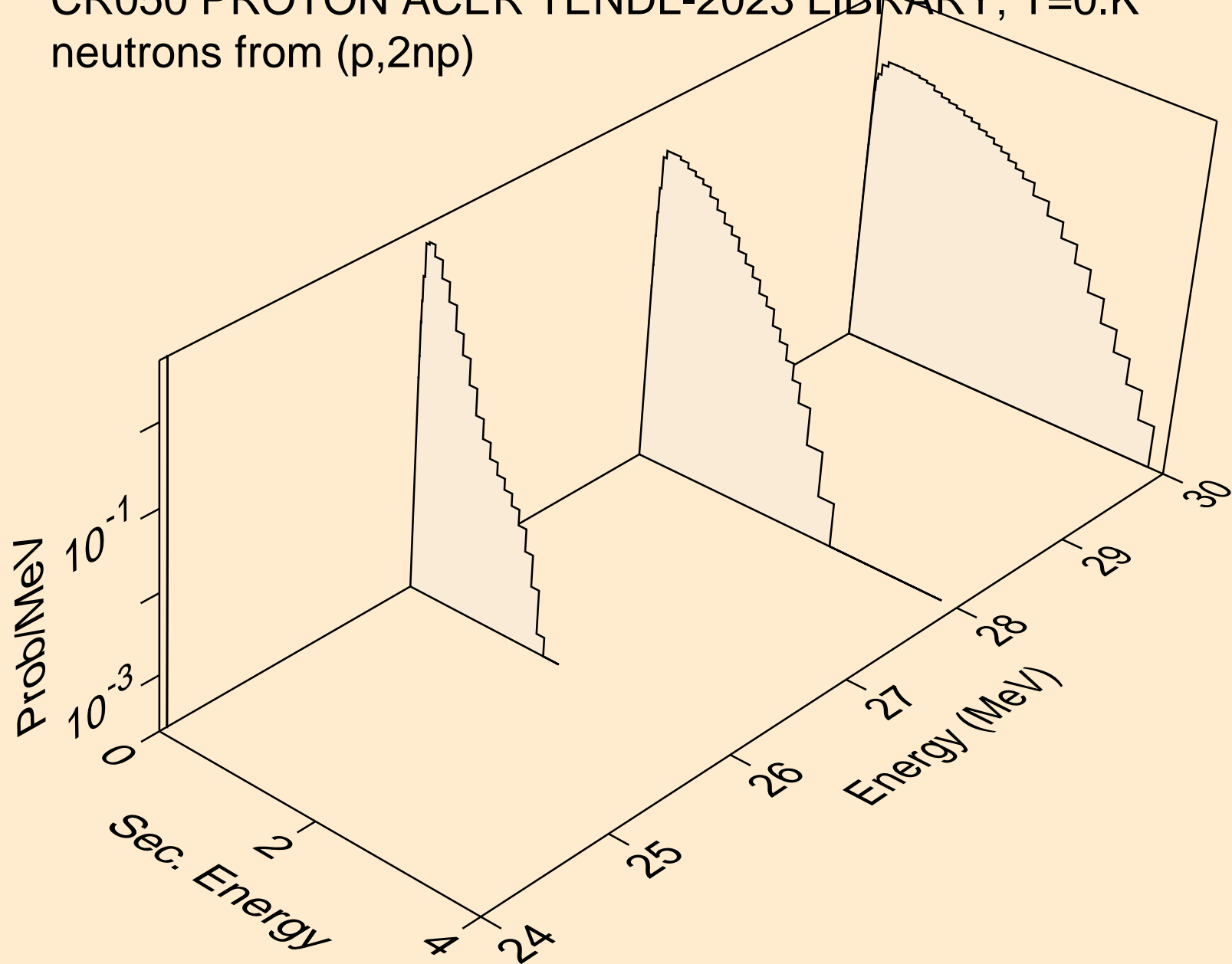
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neutrons from (p,n\*)d



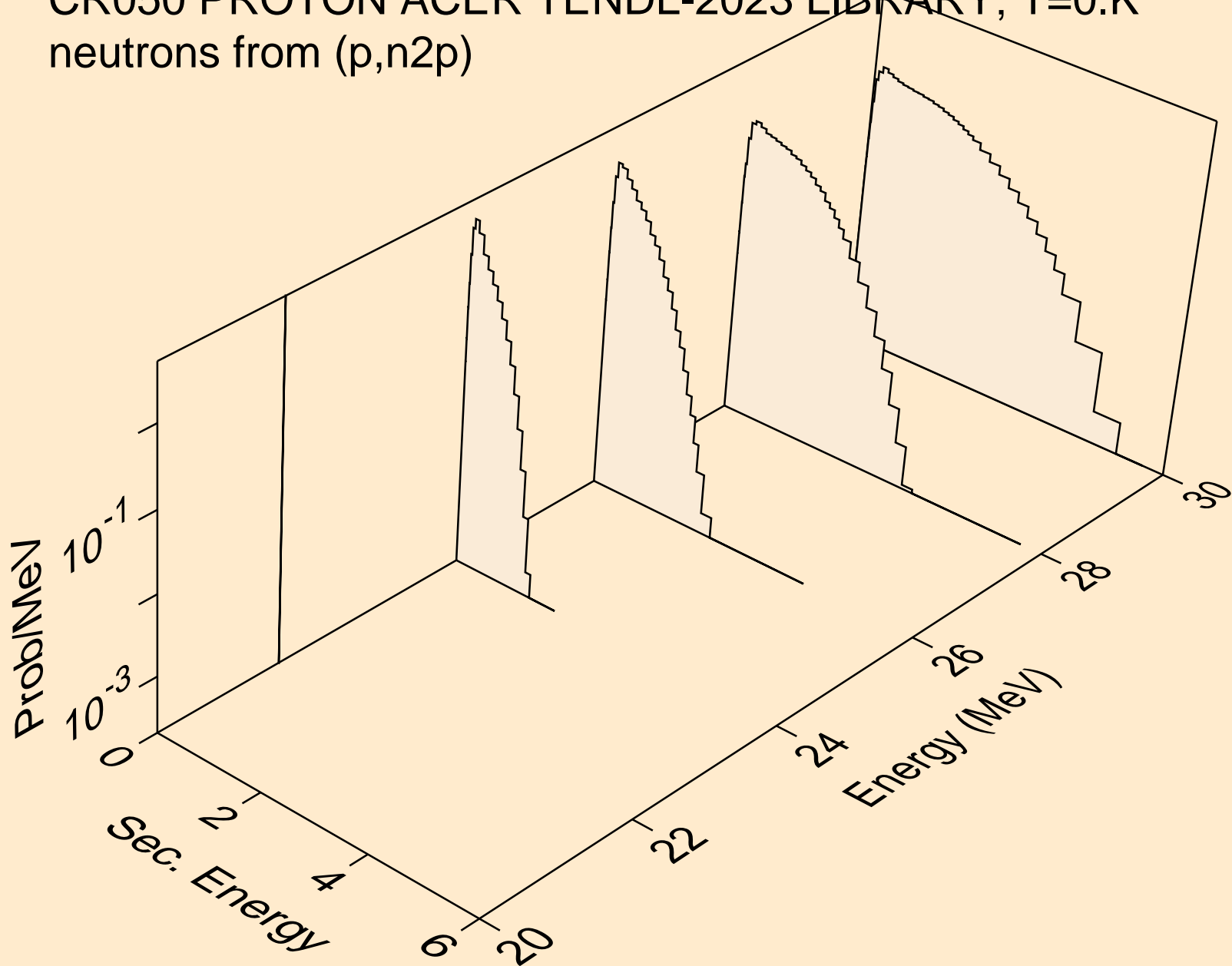
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



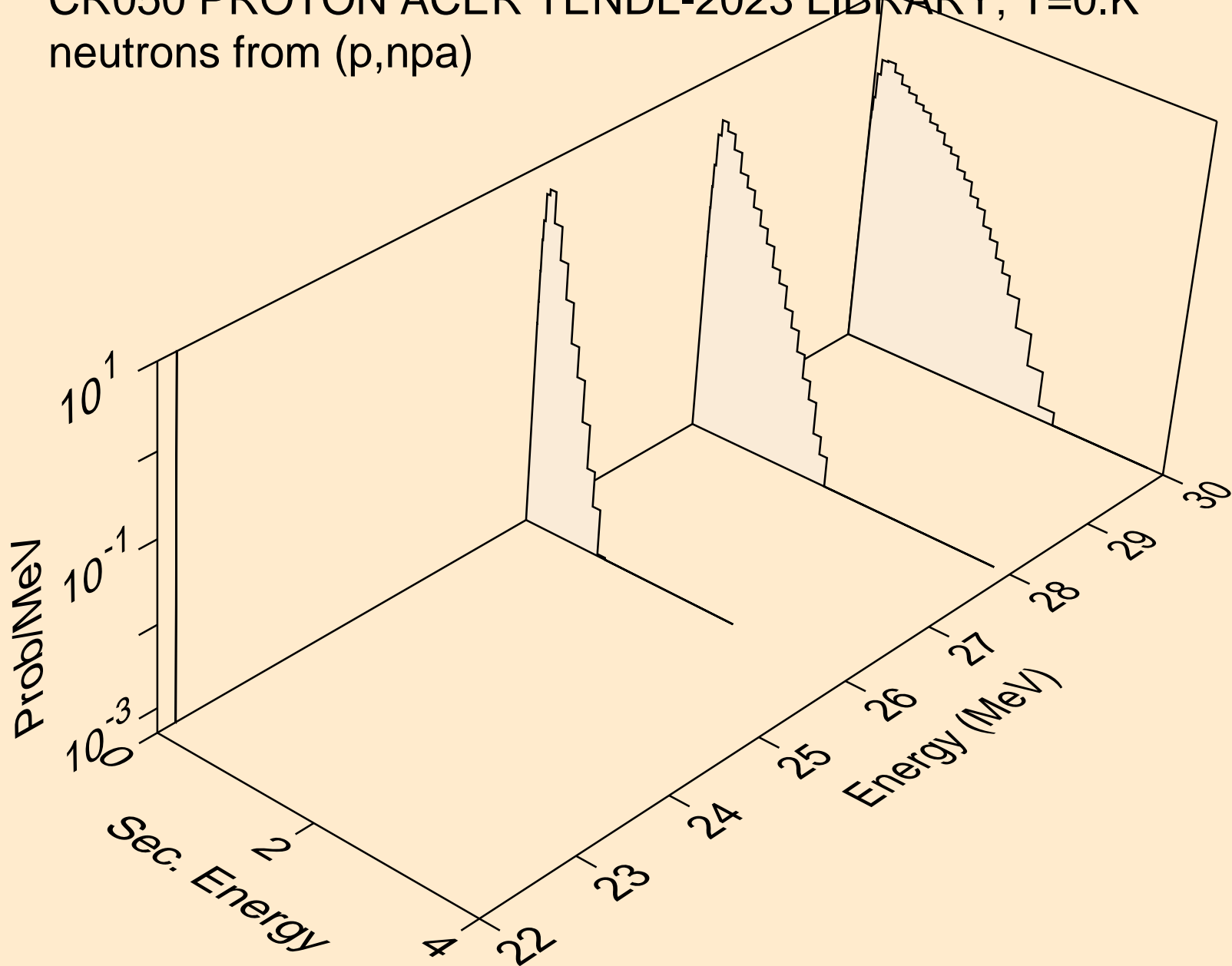
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neutrons from (p,2np)



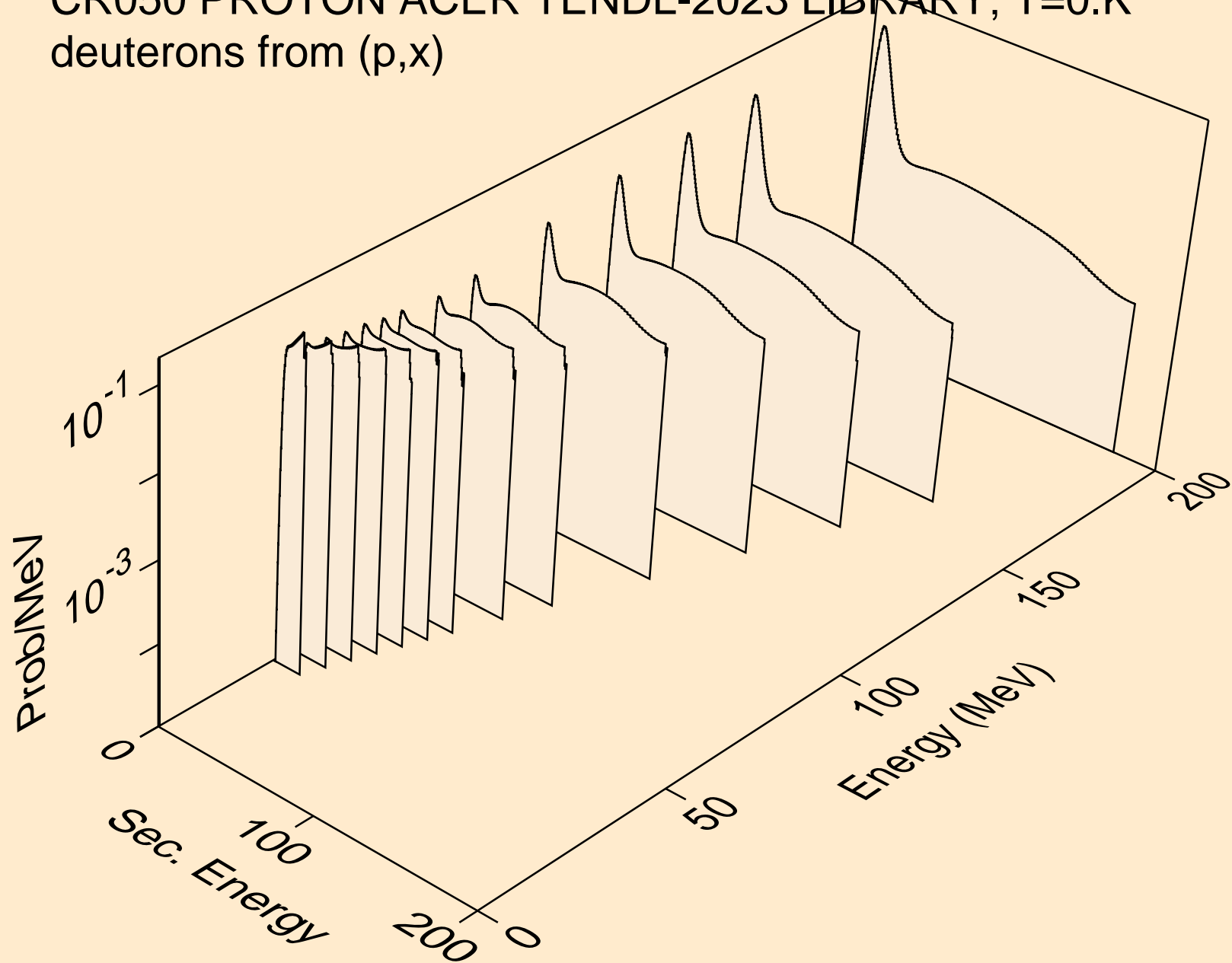
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neutrons from (p,n2p)



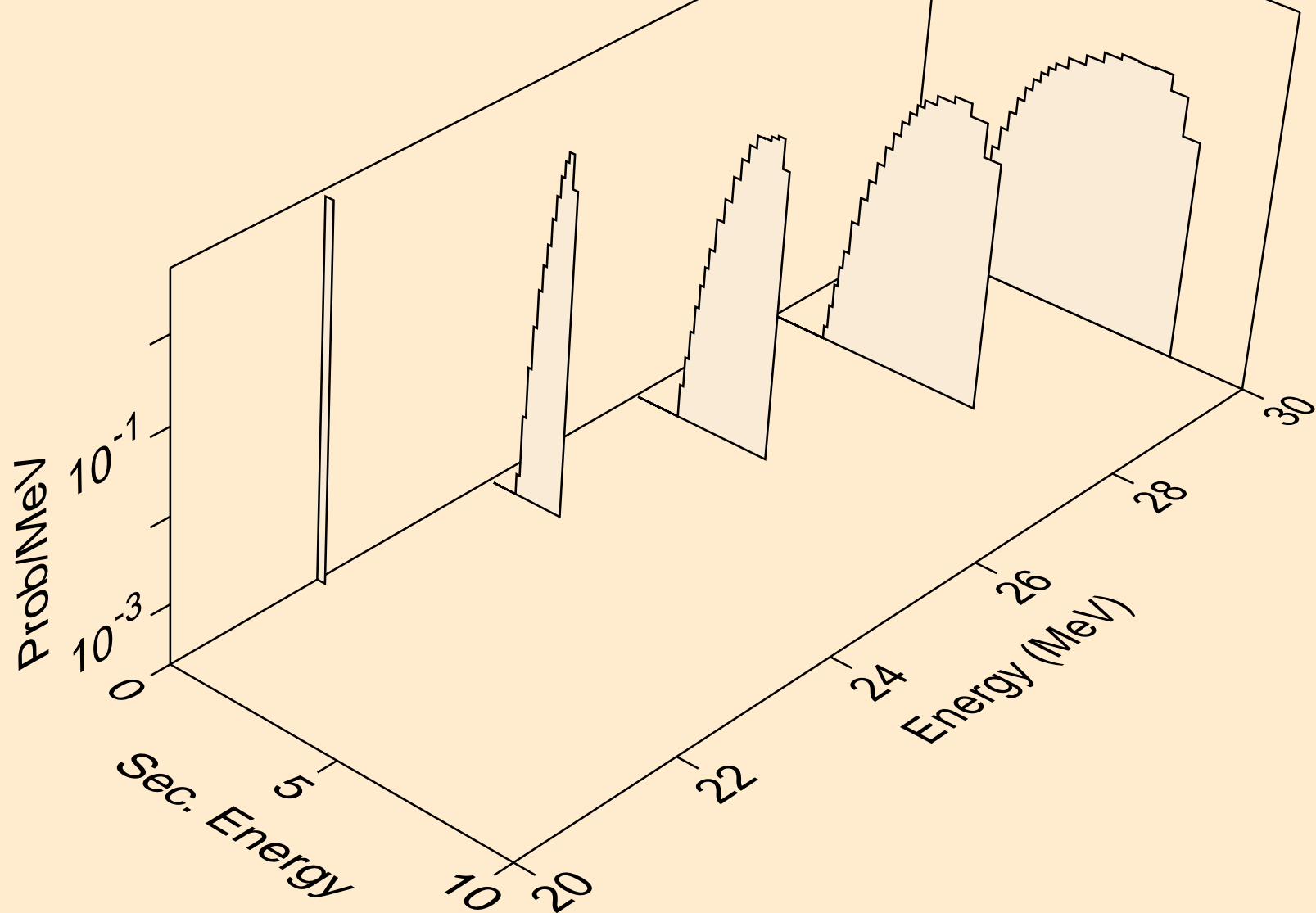
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

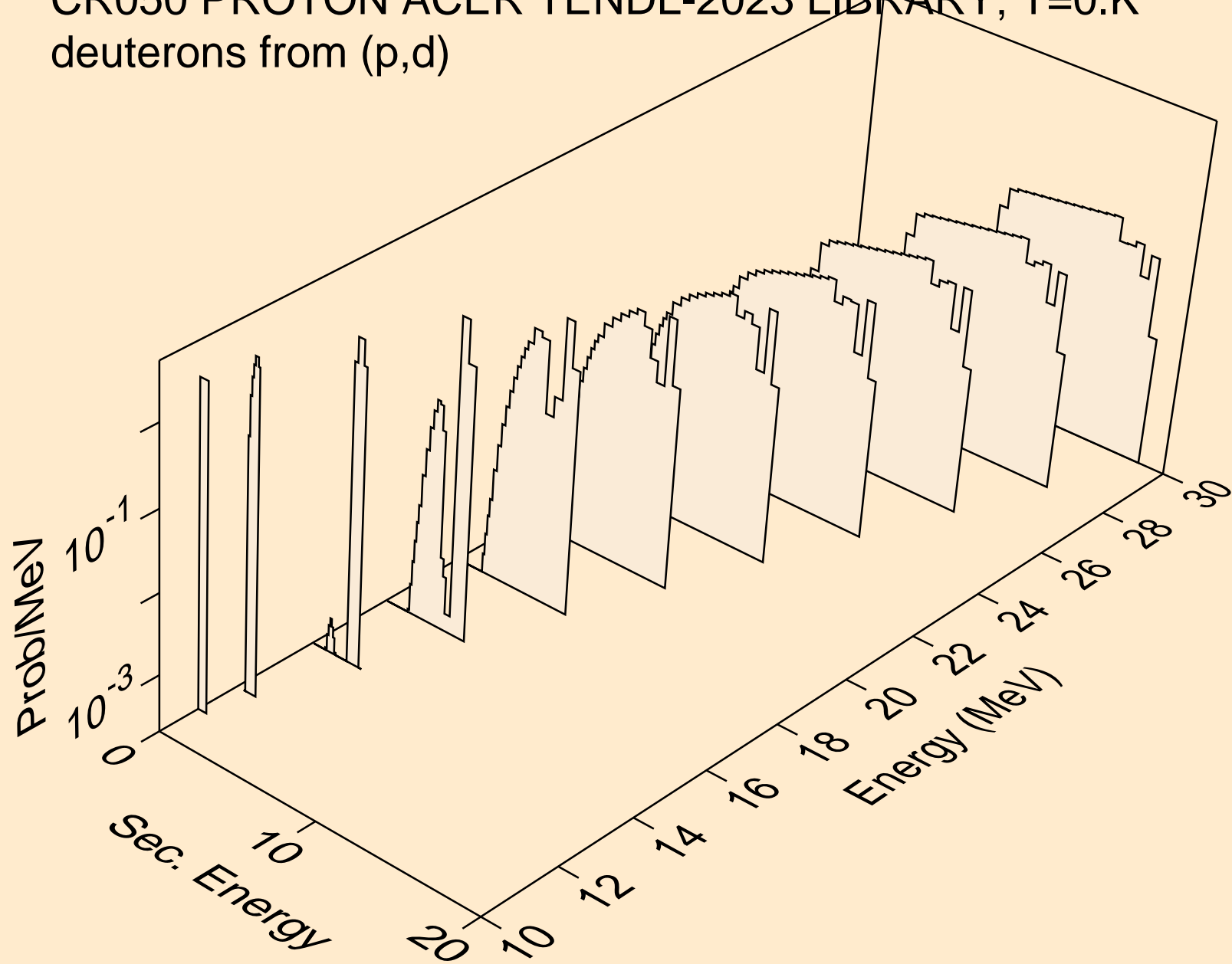


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deuterons from (p,n\*)d

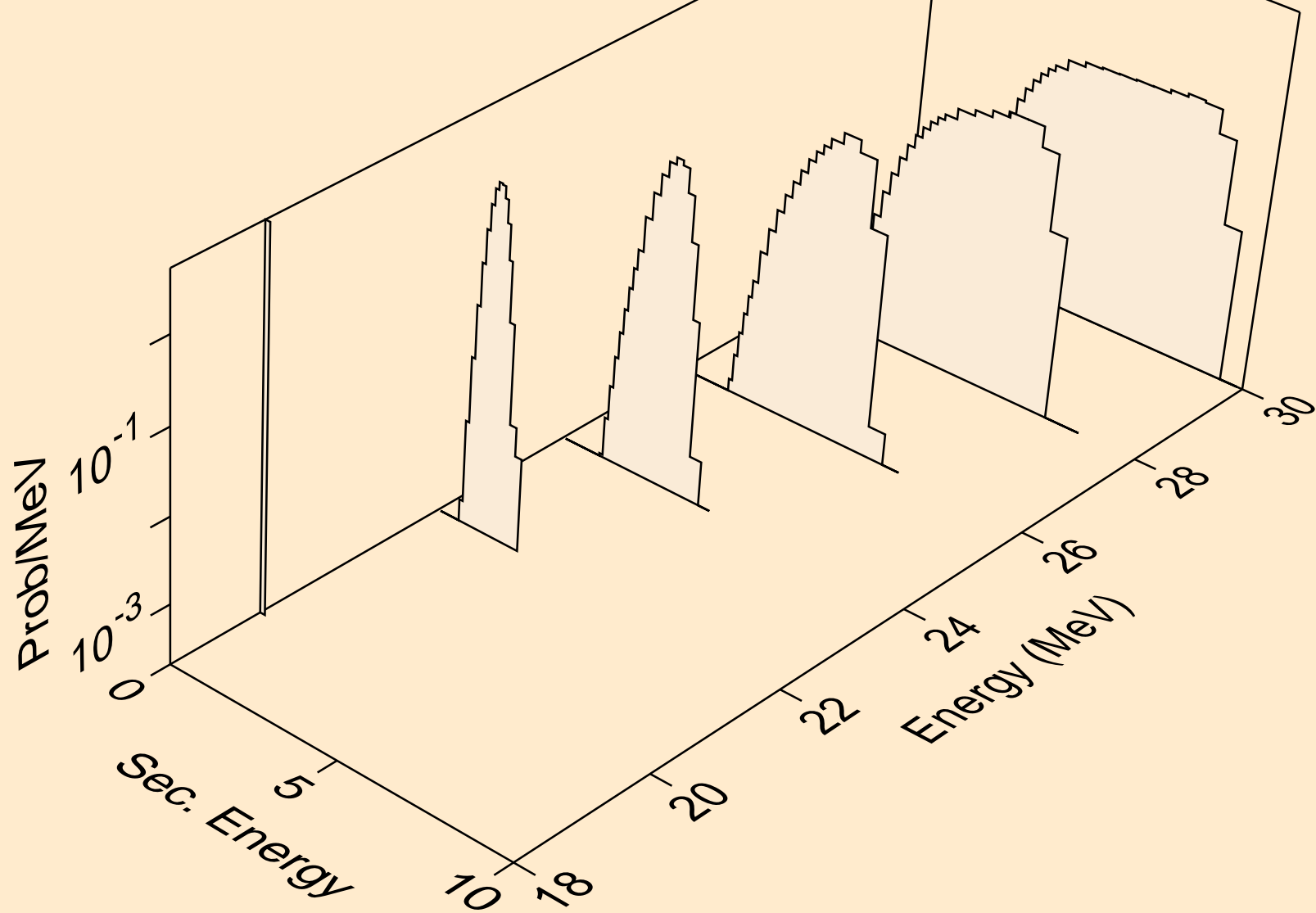




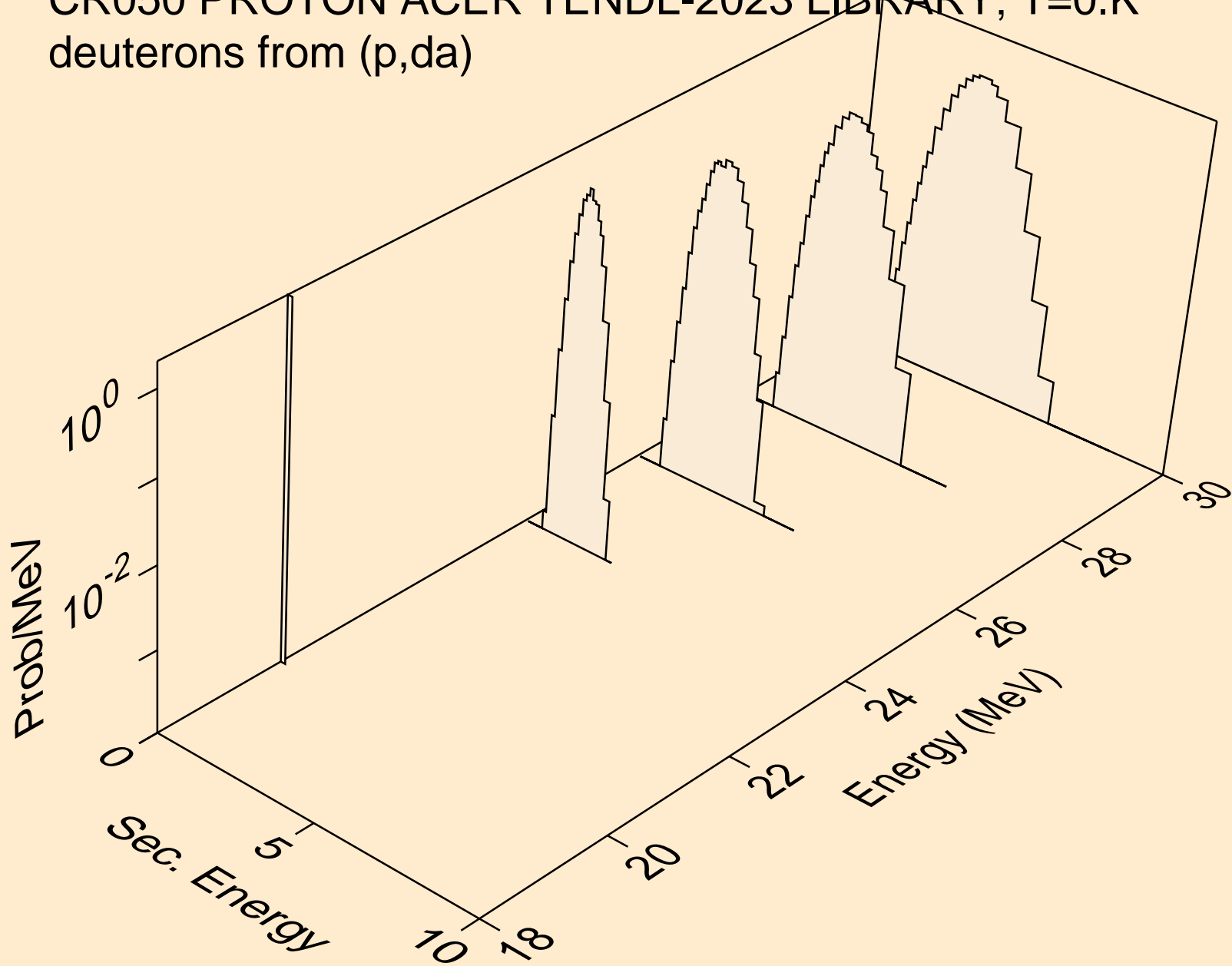
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deuterons from (p,d)



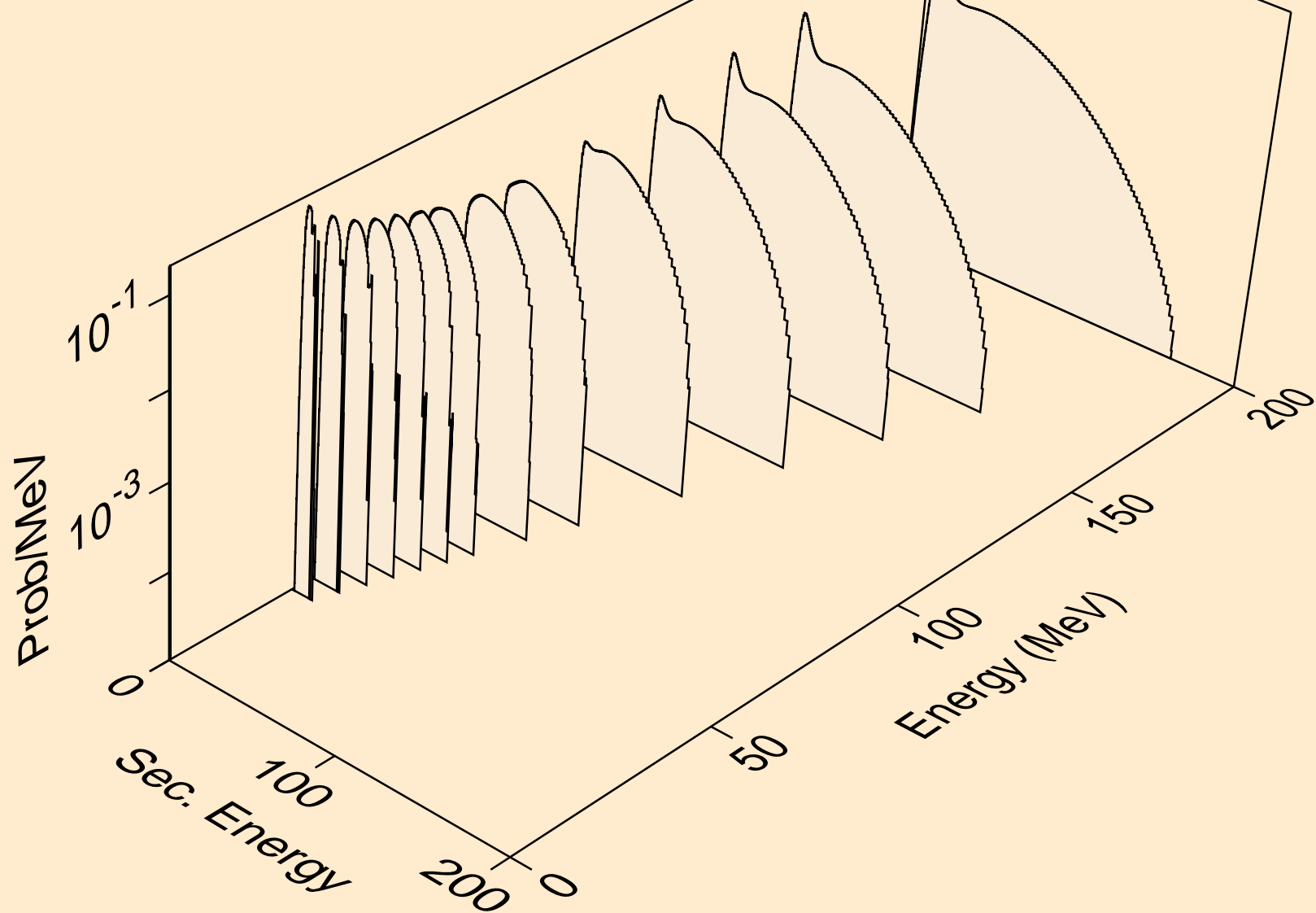
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deuterons from (p,pd)



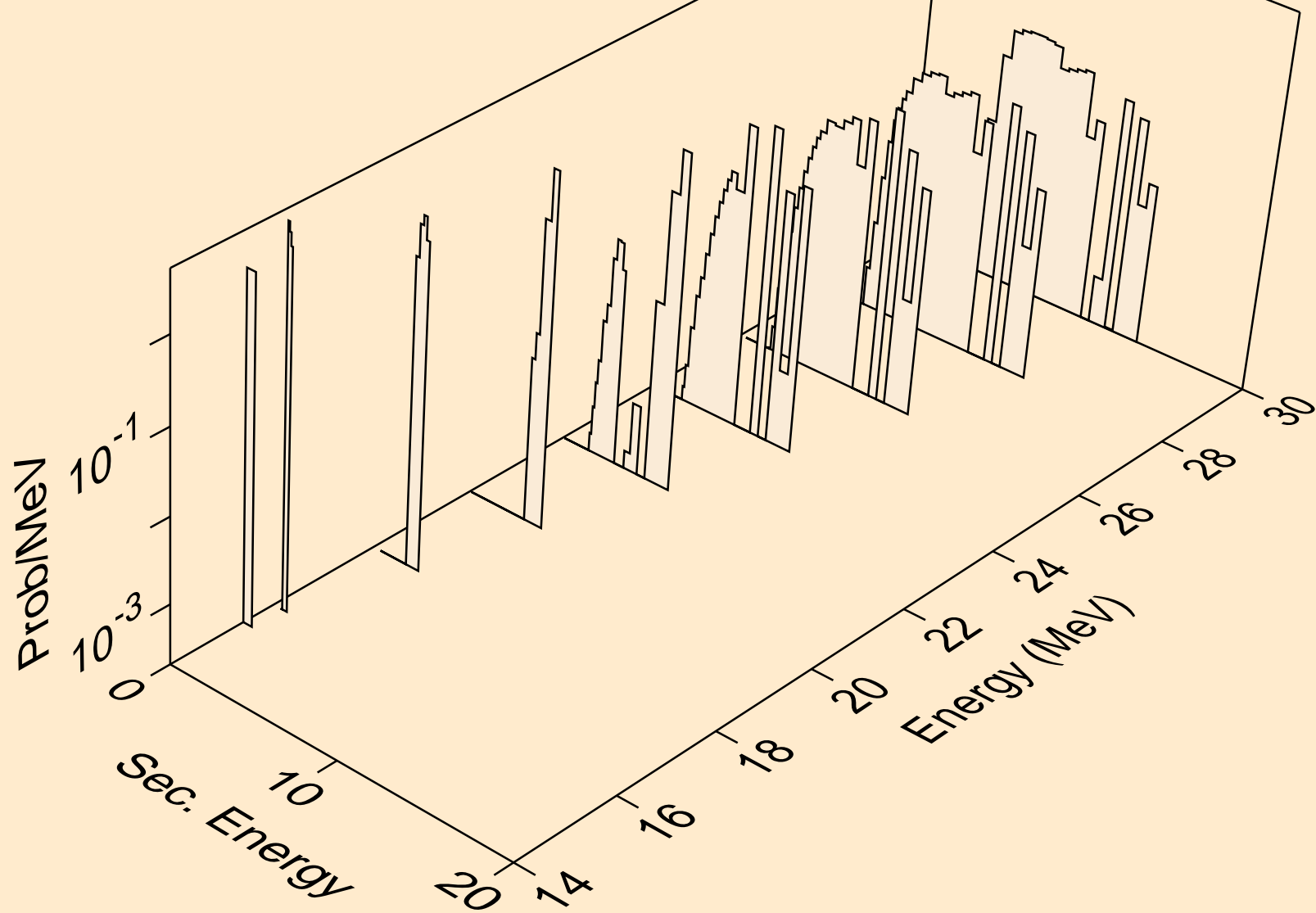
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deuterons from (p,da)



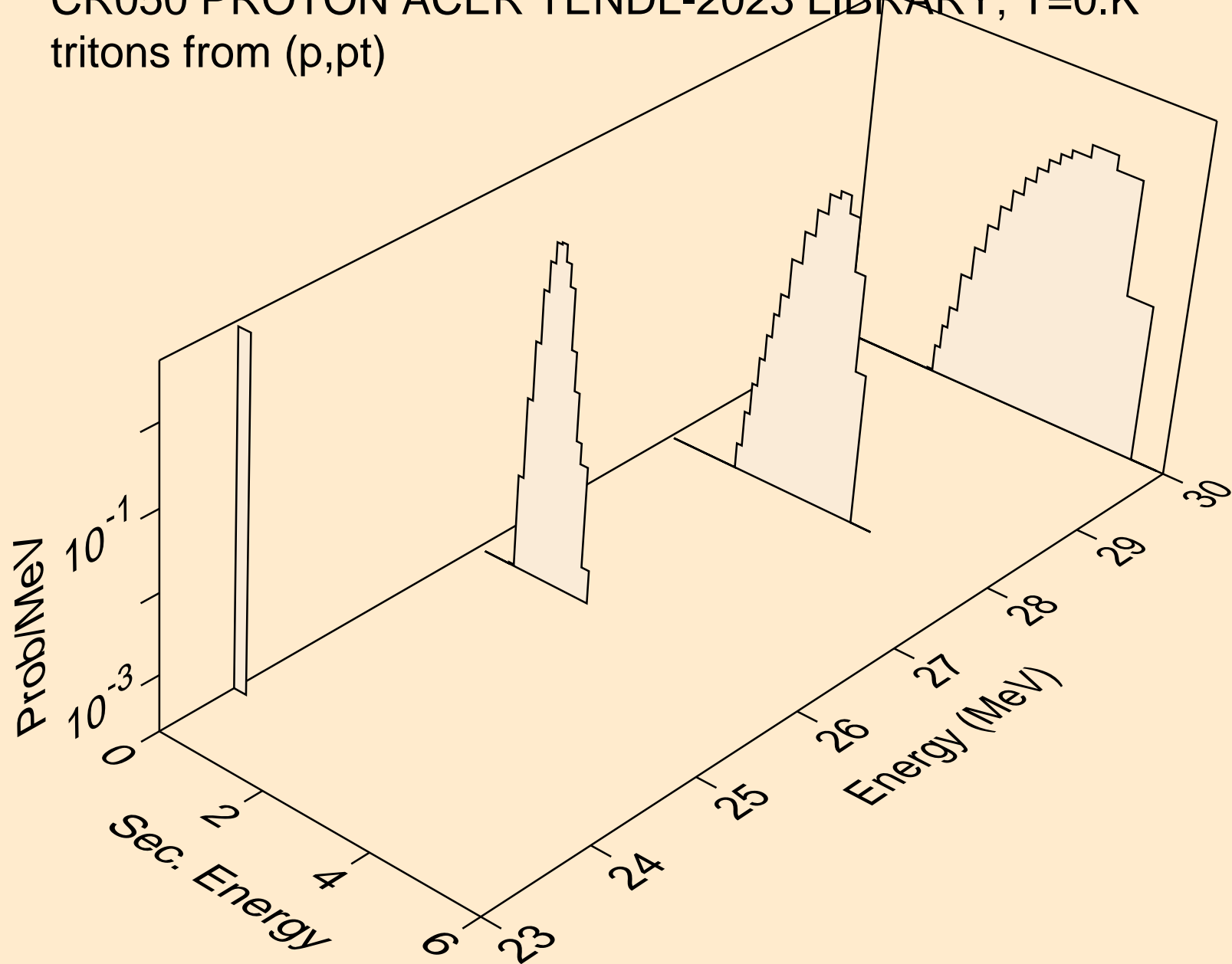
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tritons from (p,x)



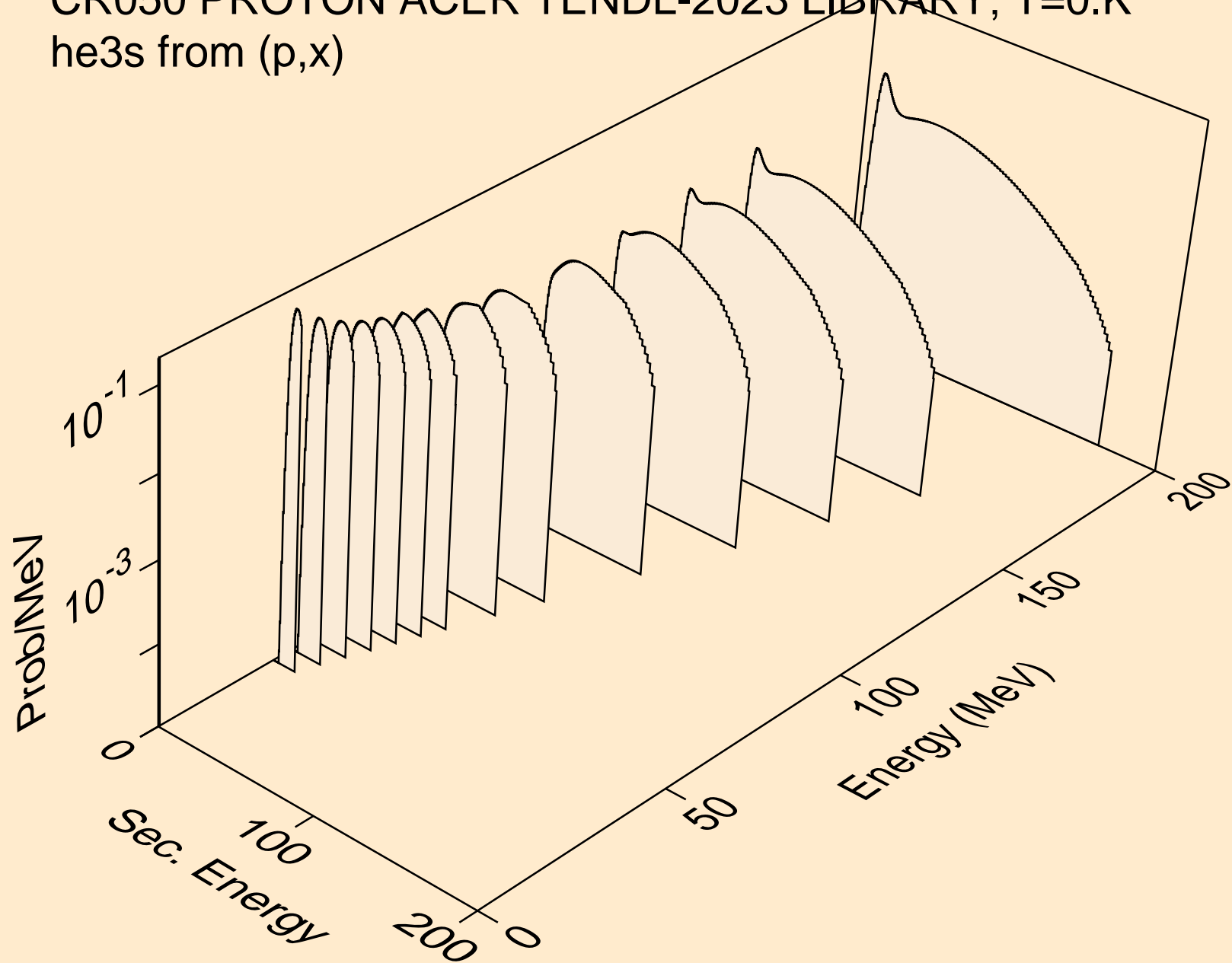
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tritons from (p,t)



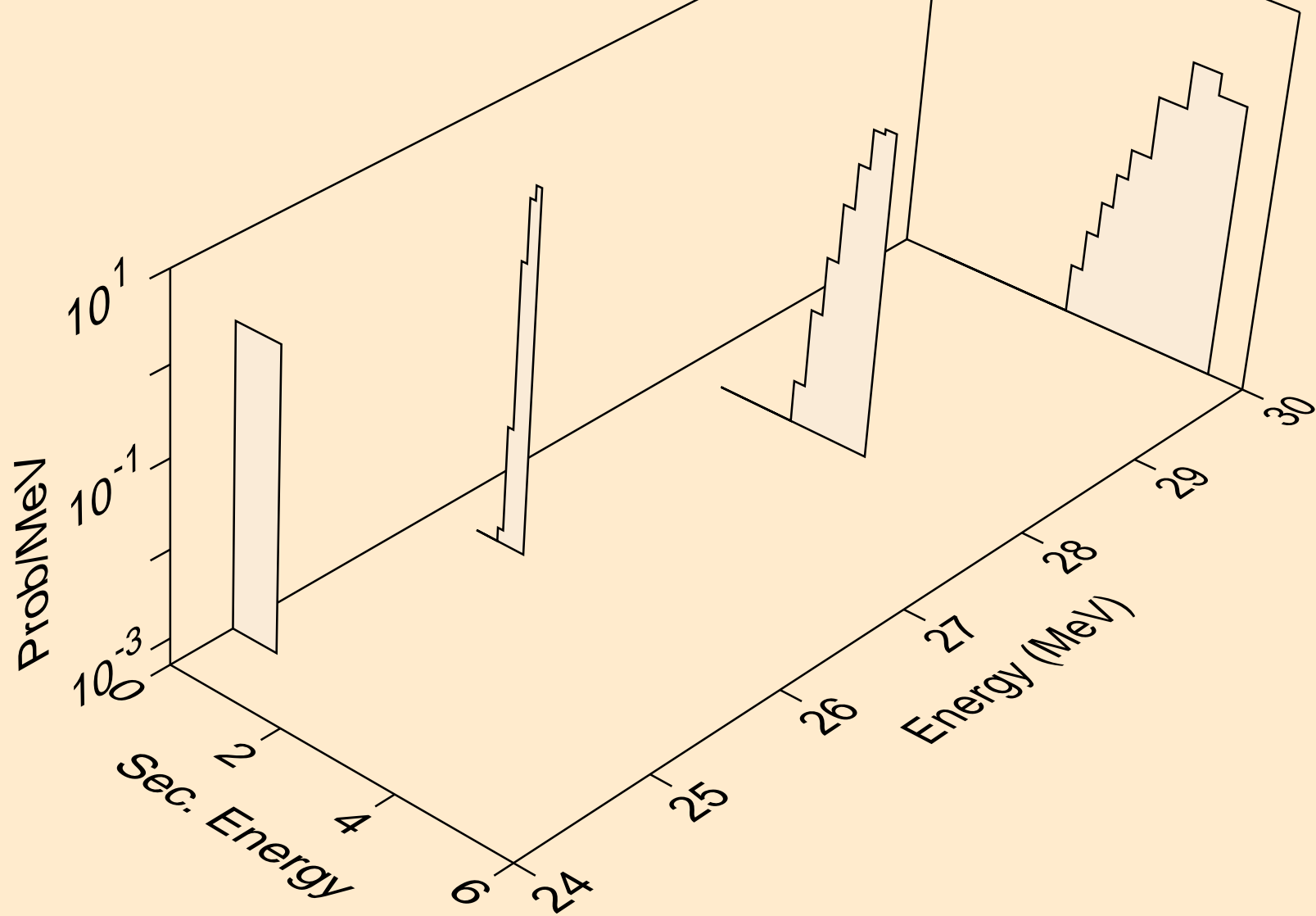
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

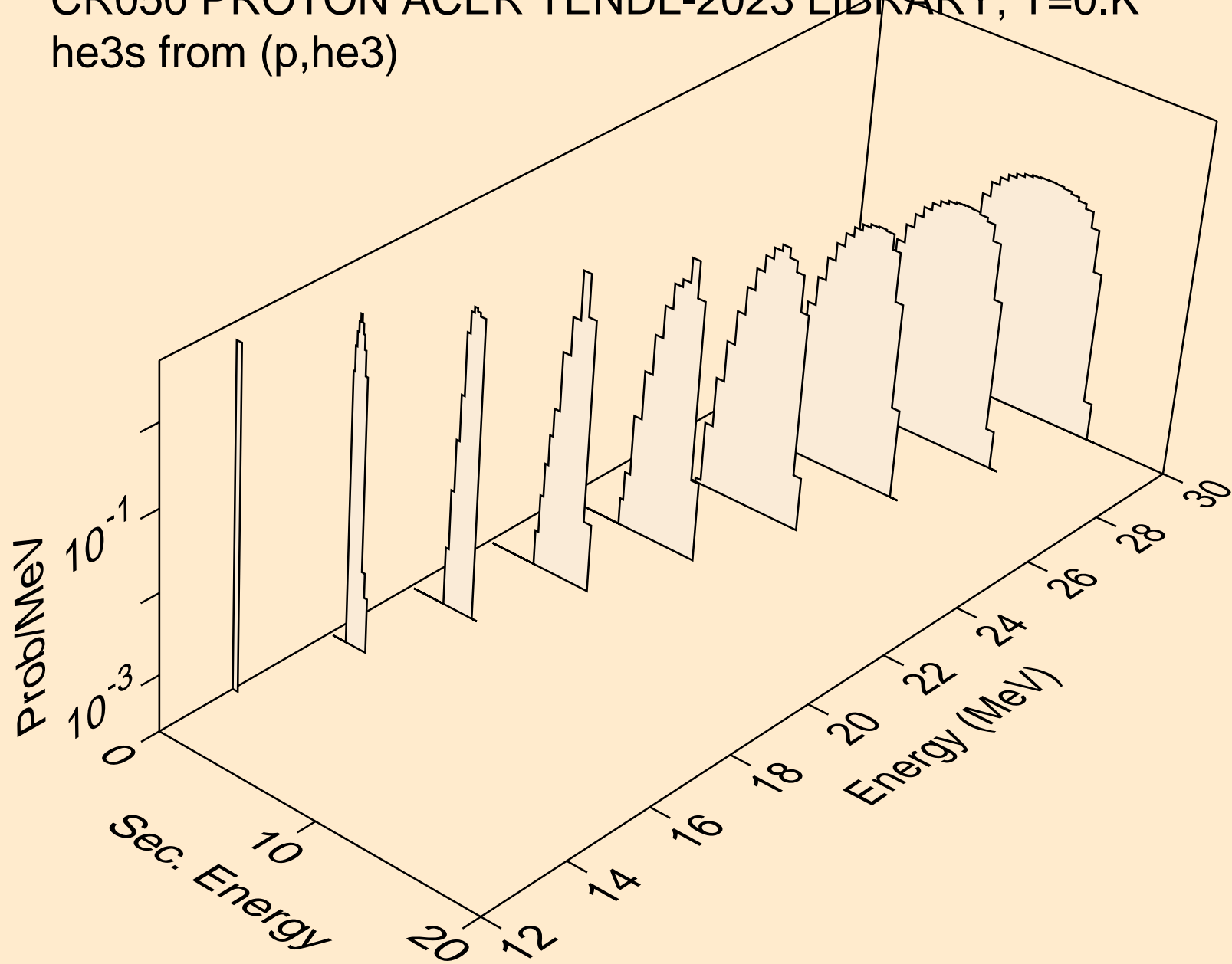


CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

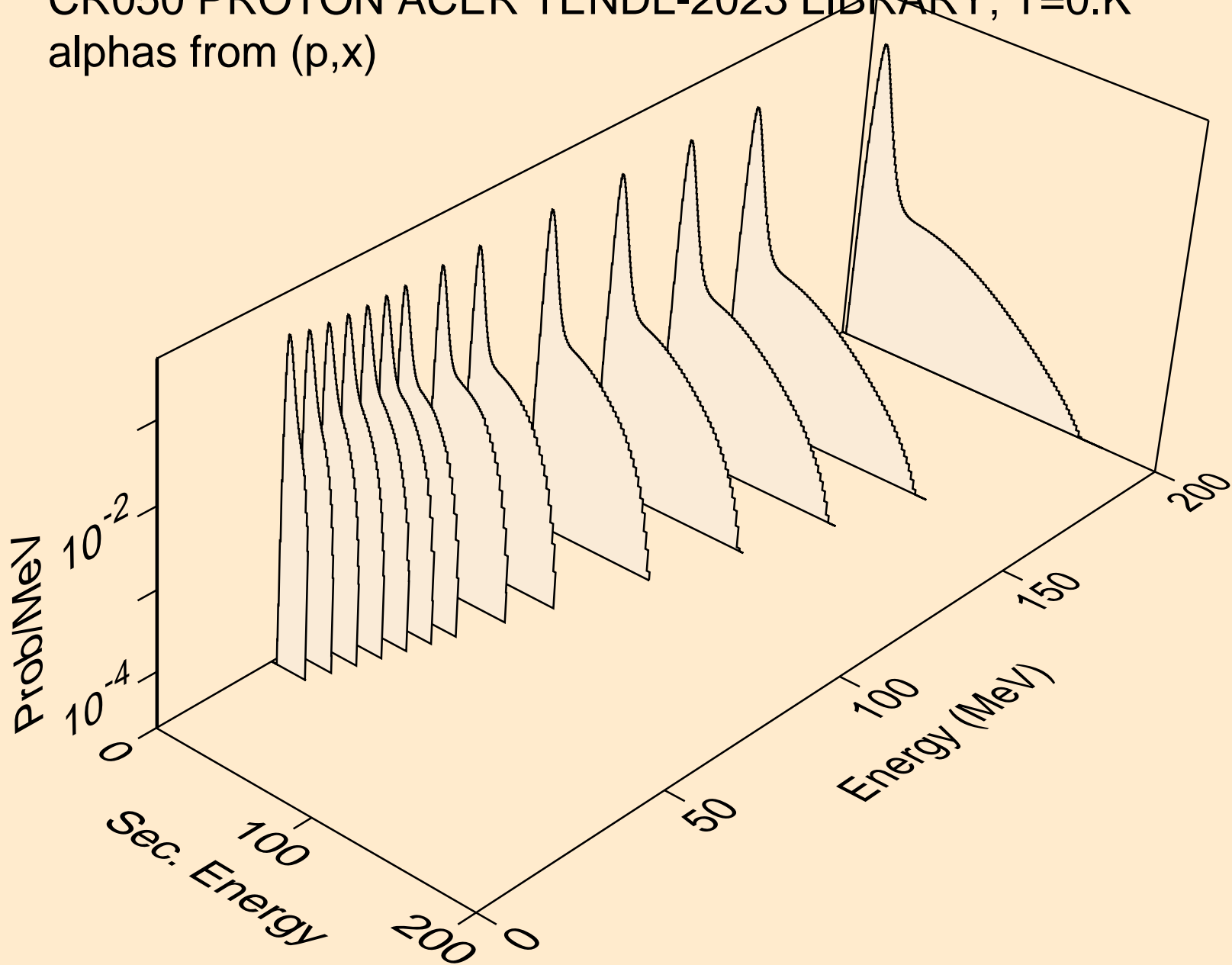




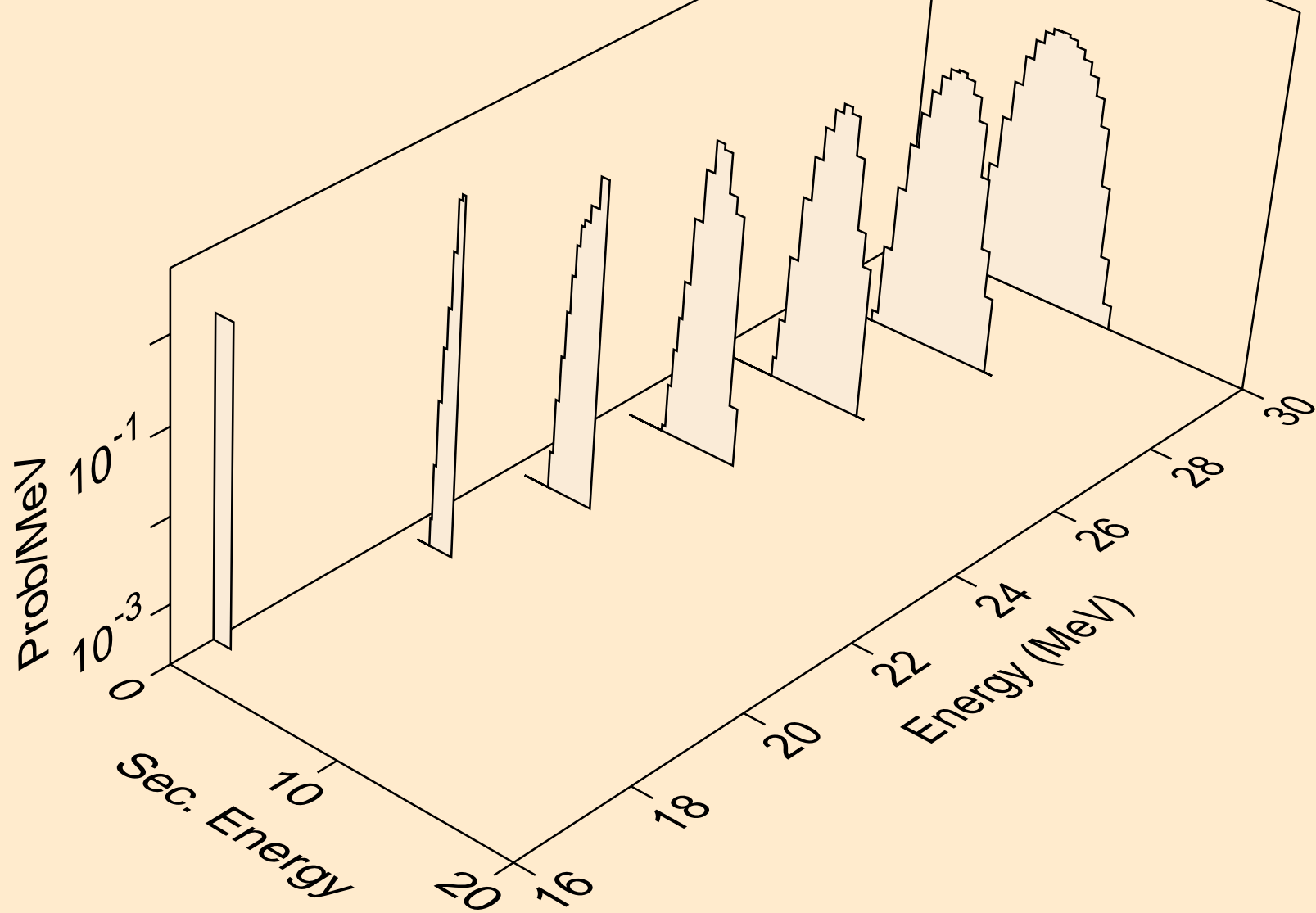
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he3s from (p,he3)



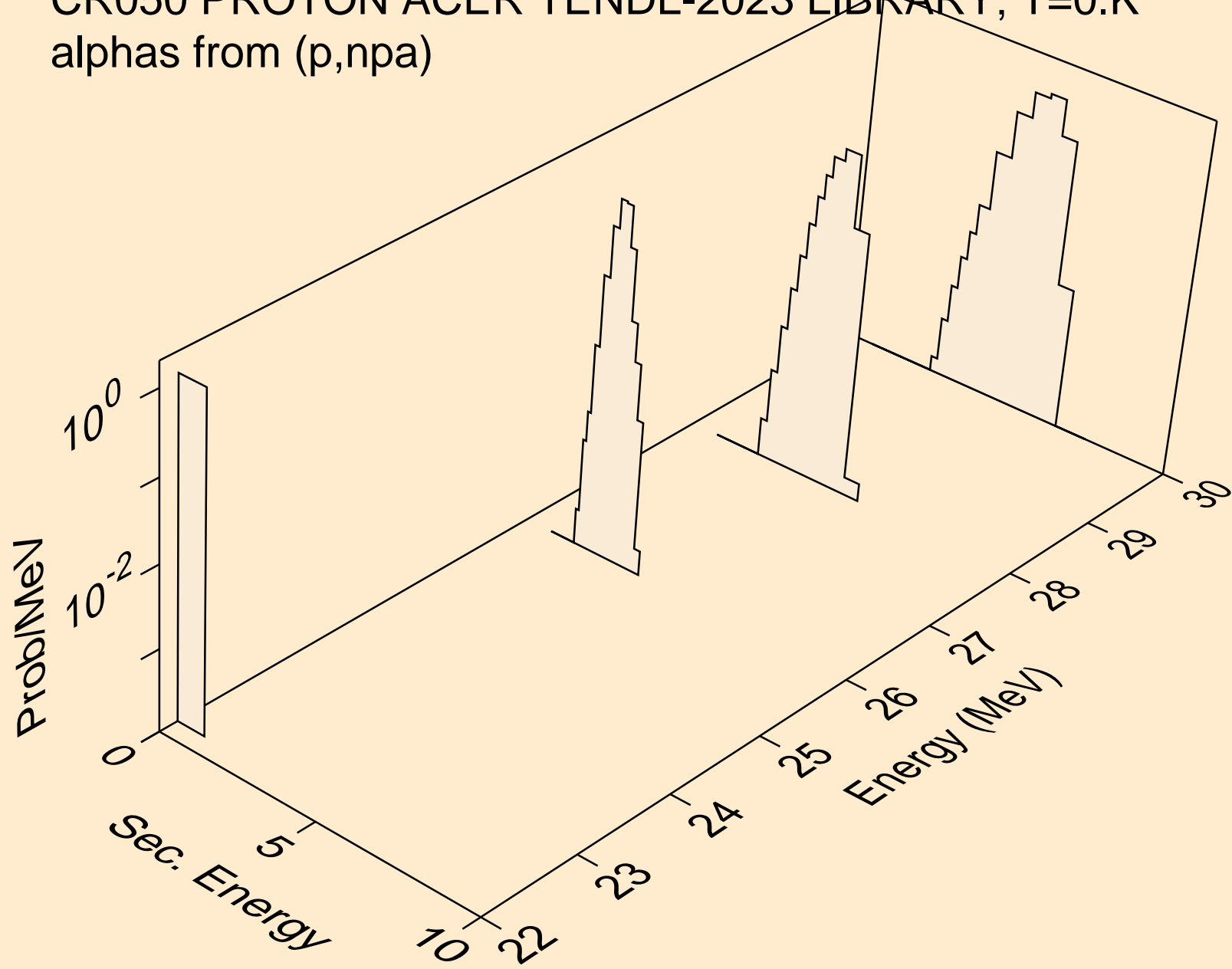
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alphas from (p,x)



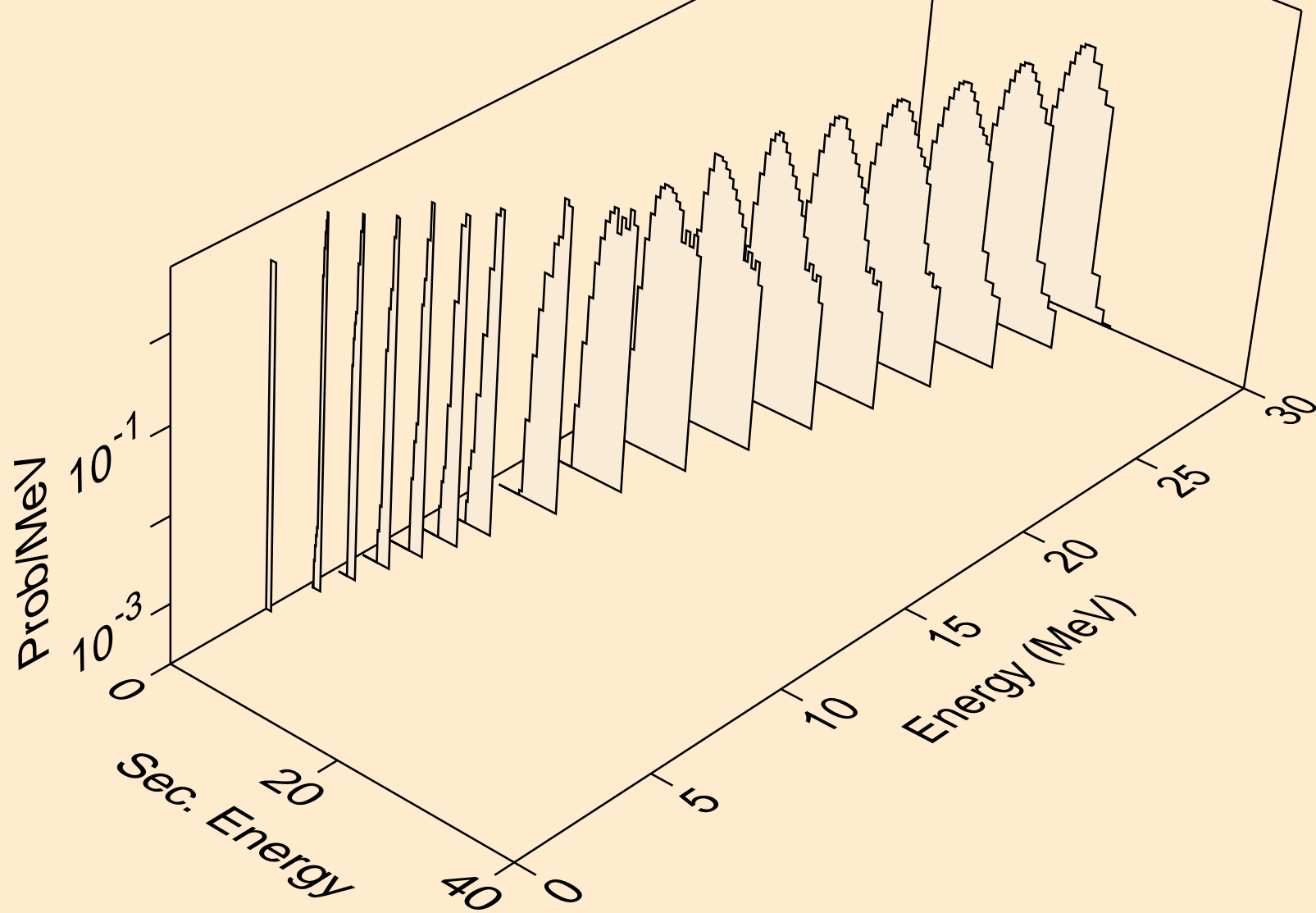
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



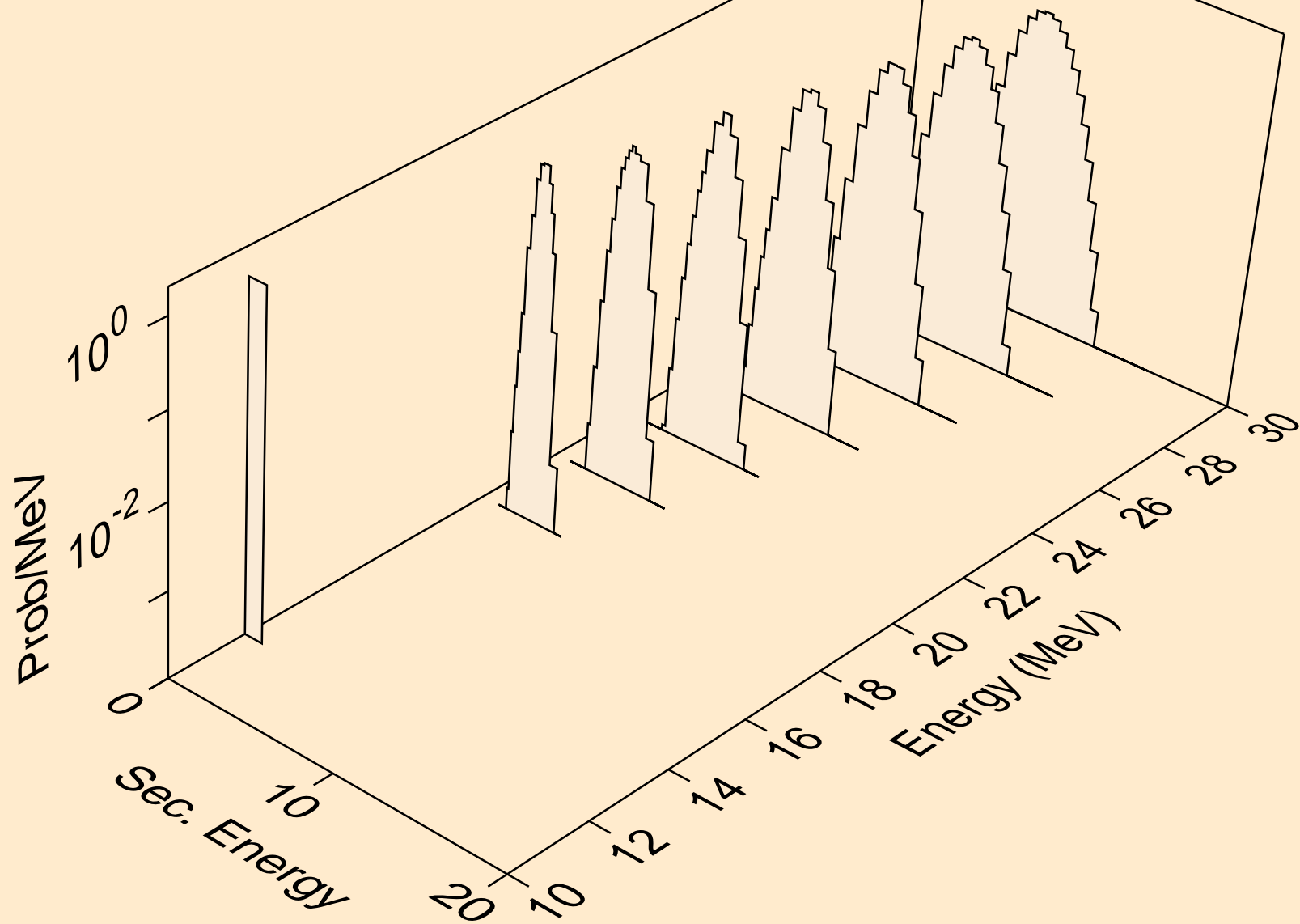
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alphas from (p,npa)



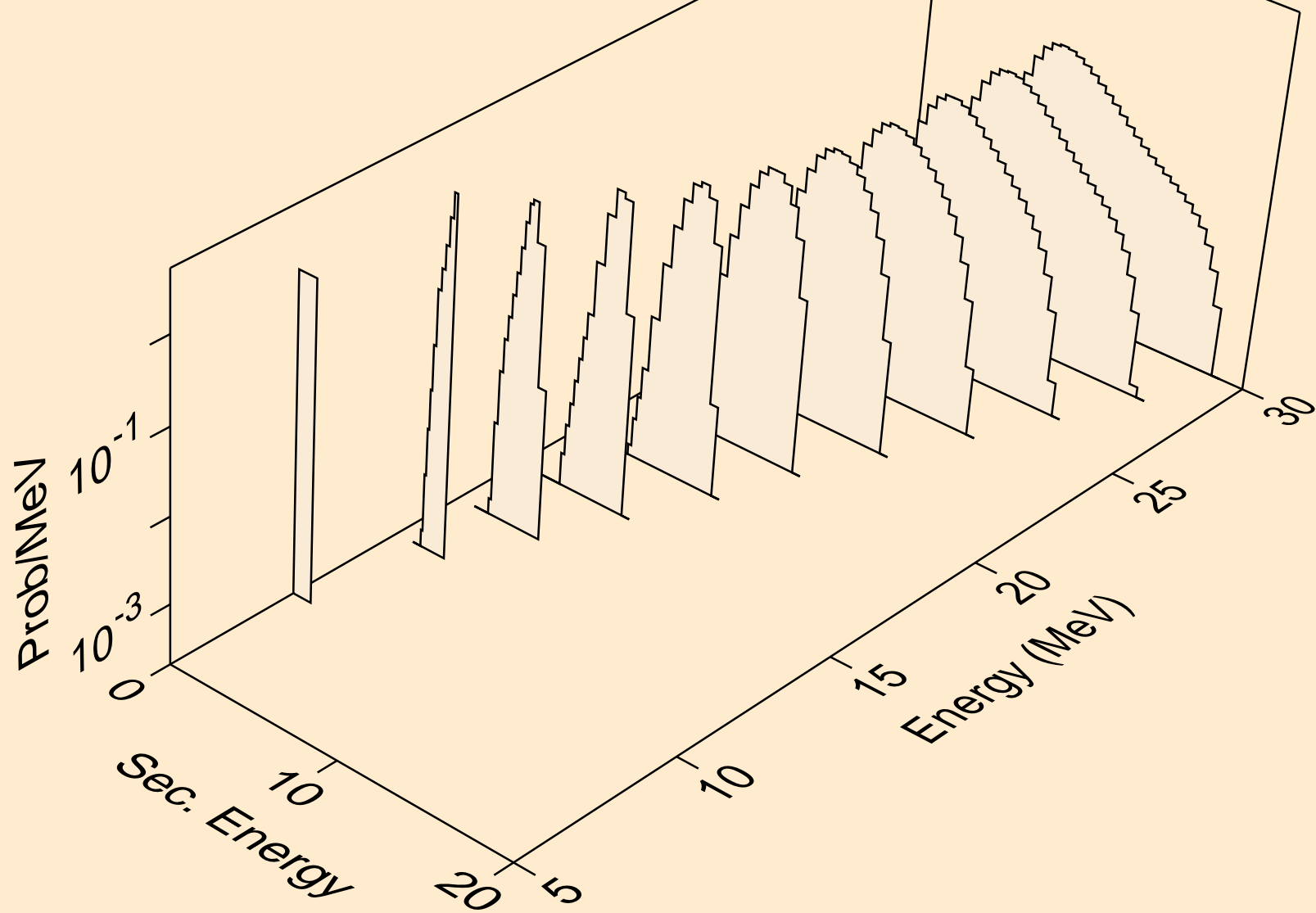
CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



CR050 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

