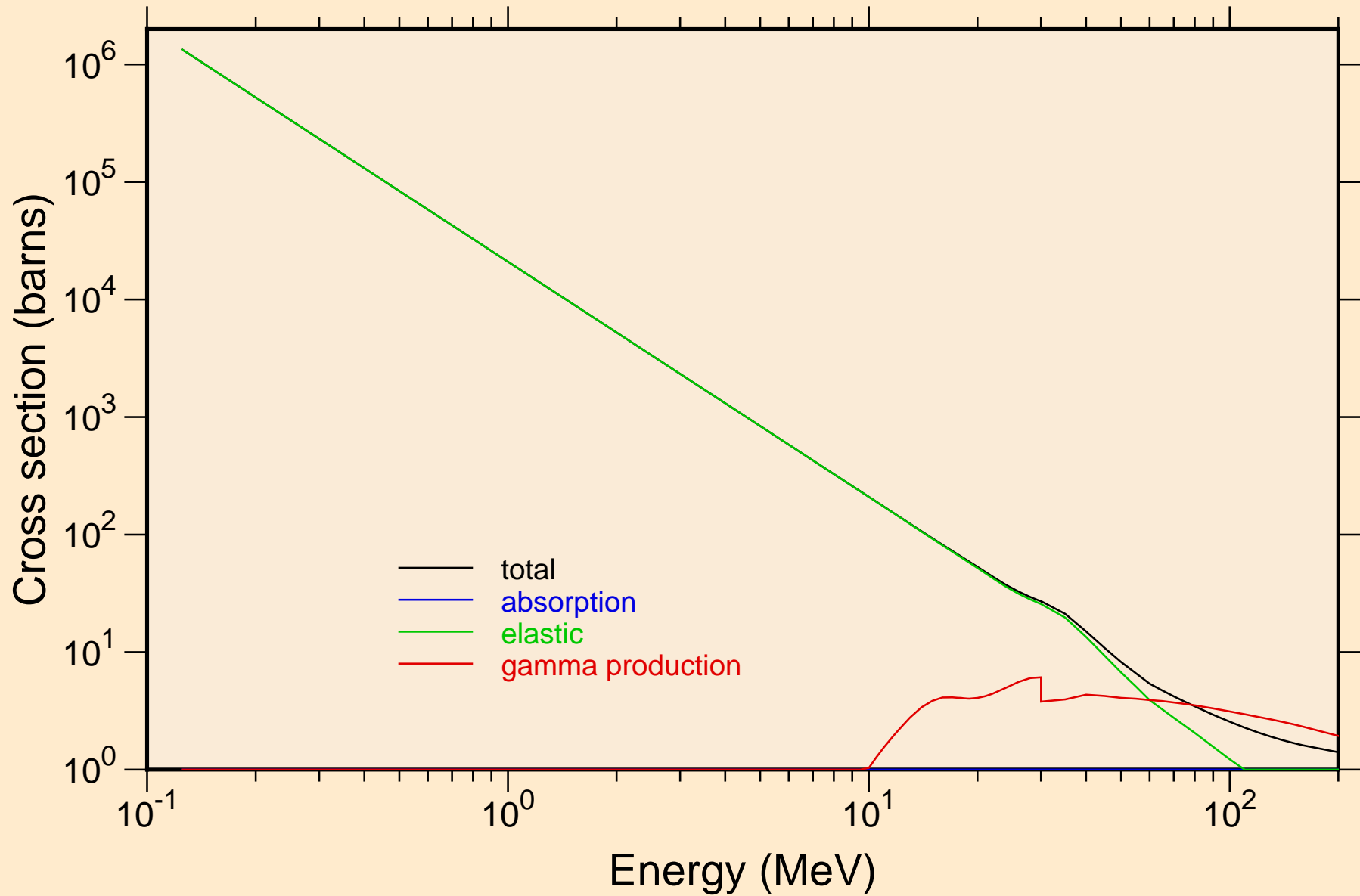


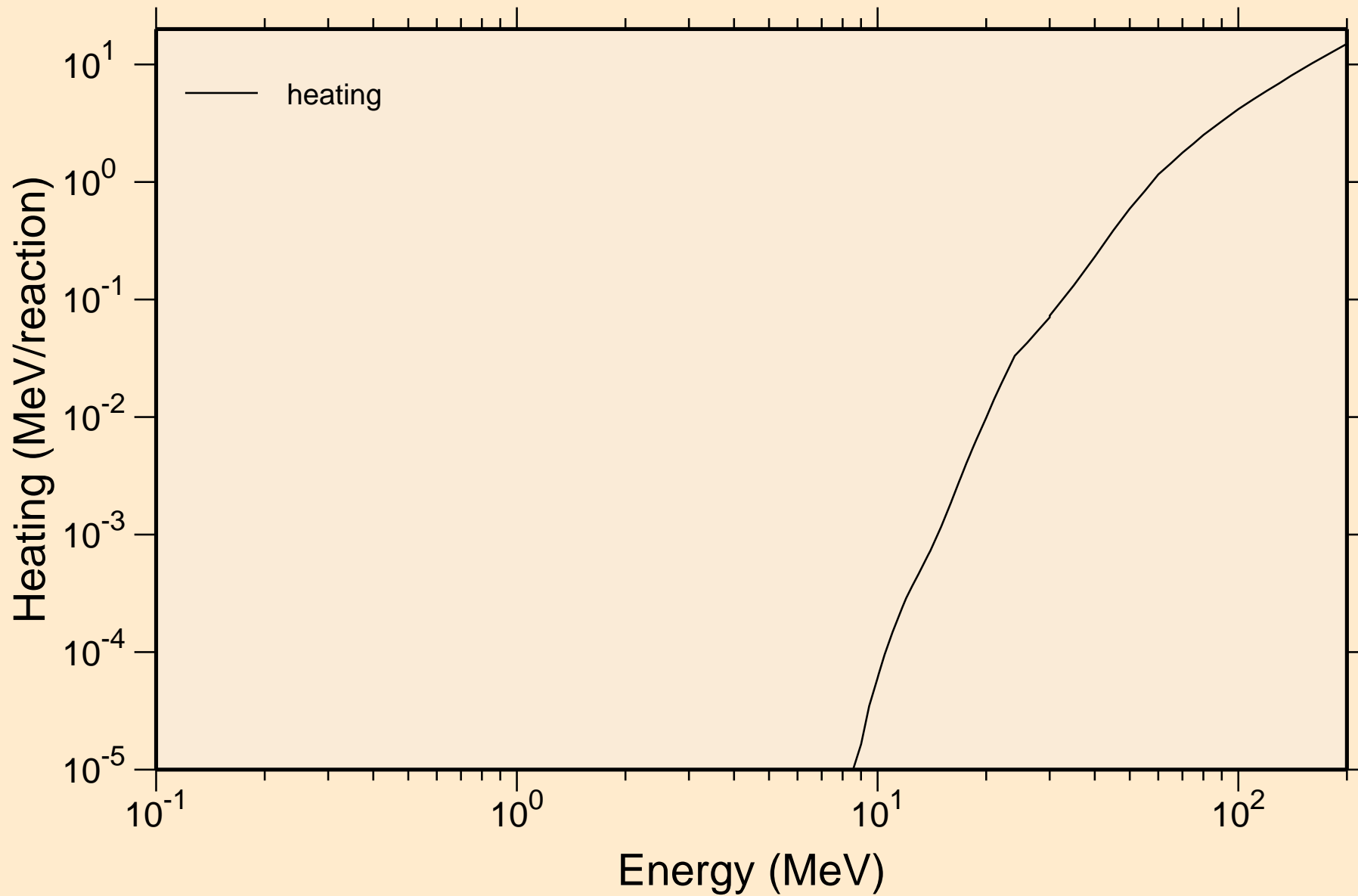
# CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



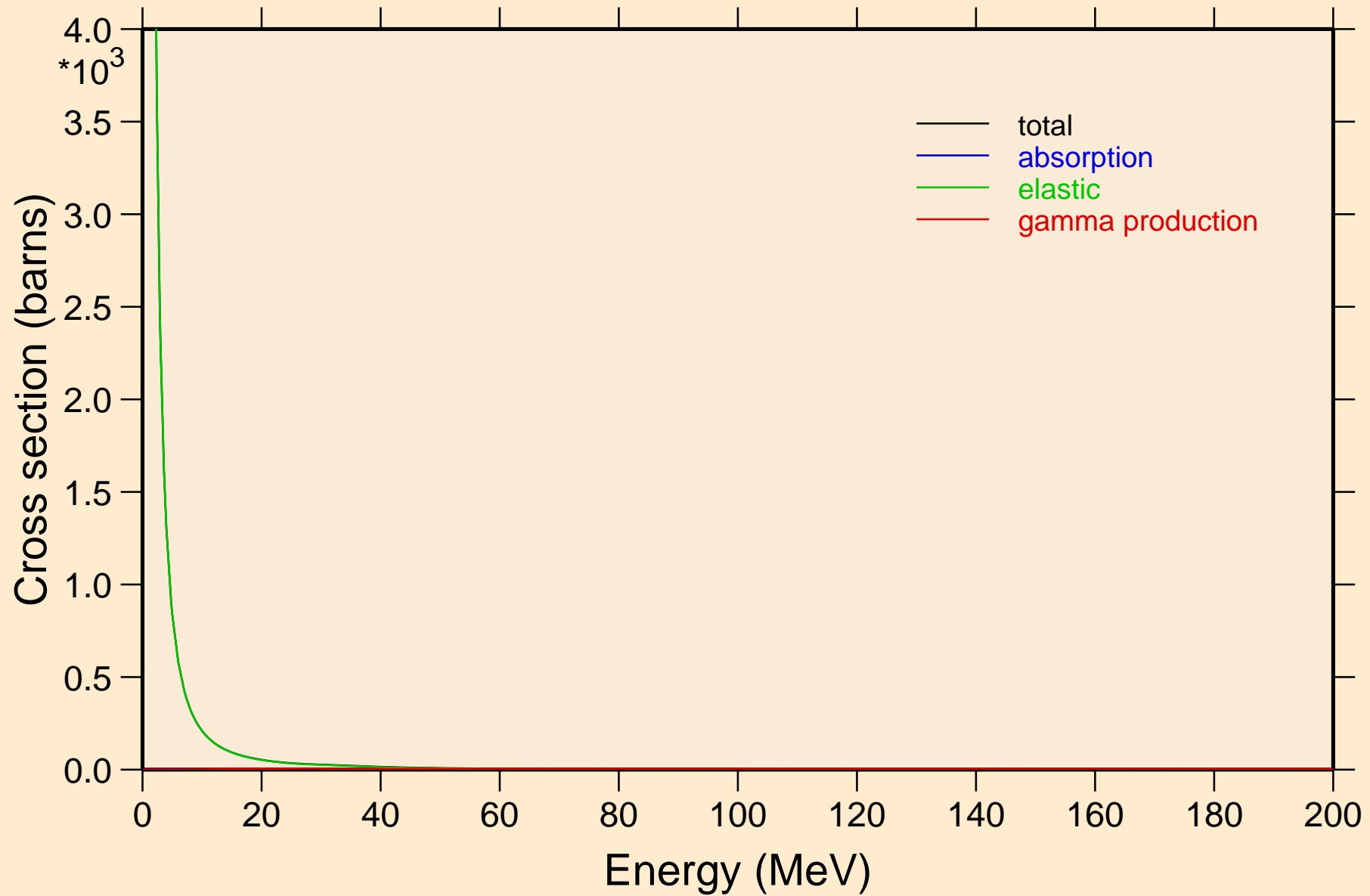
# CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



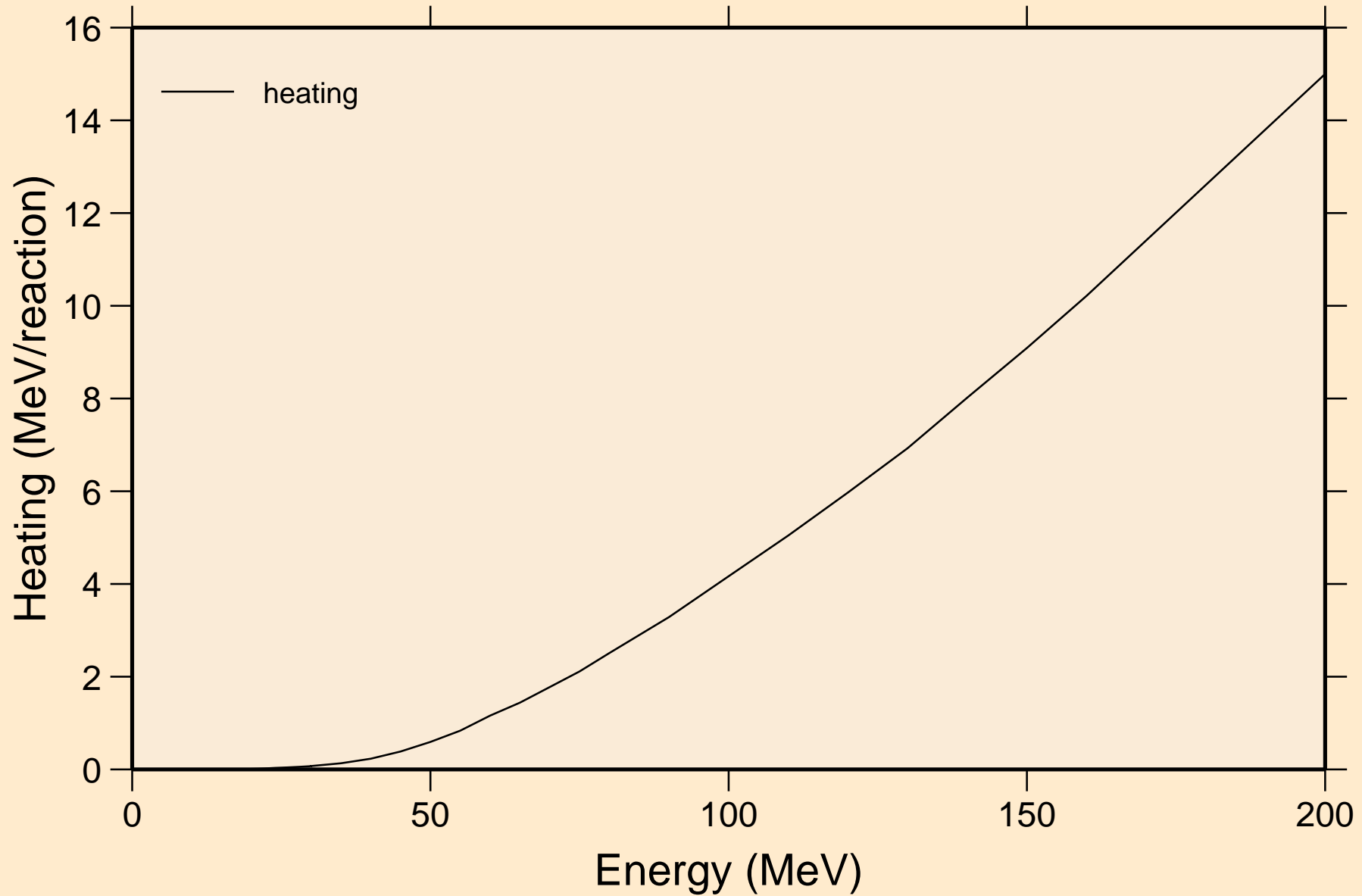
# CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



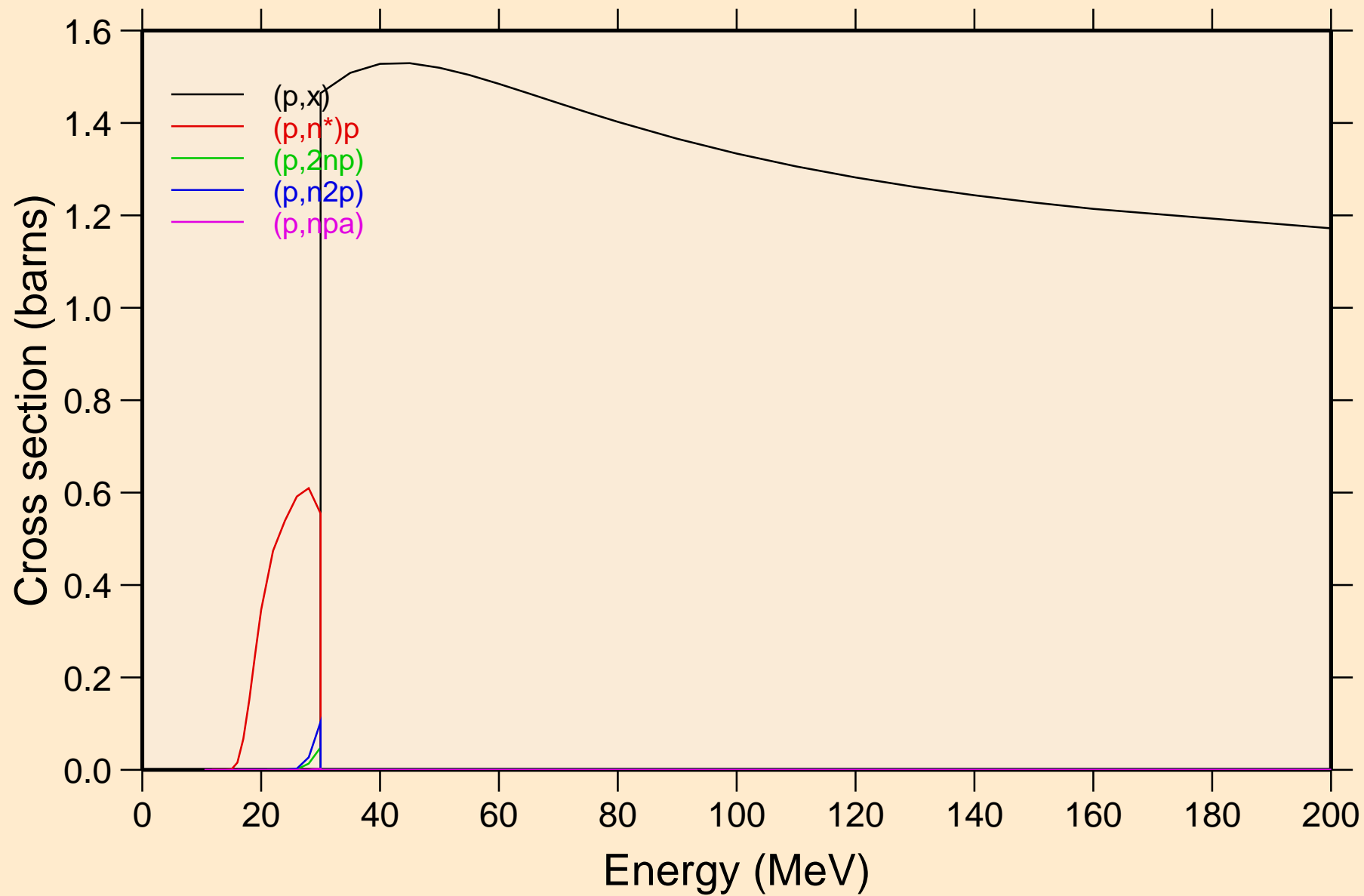
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## Heating



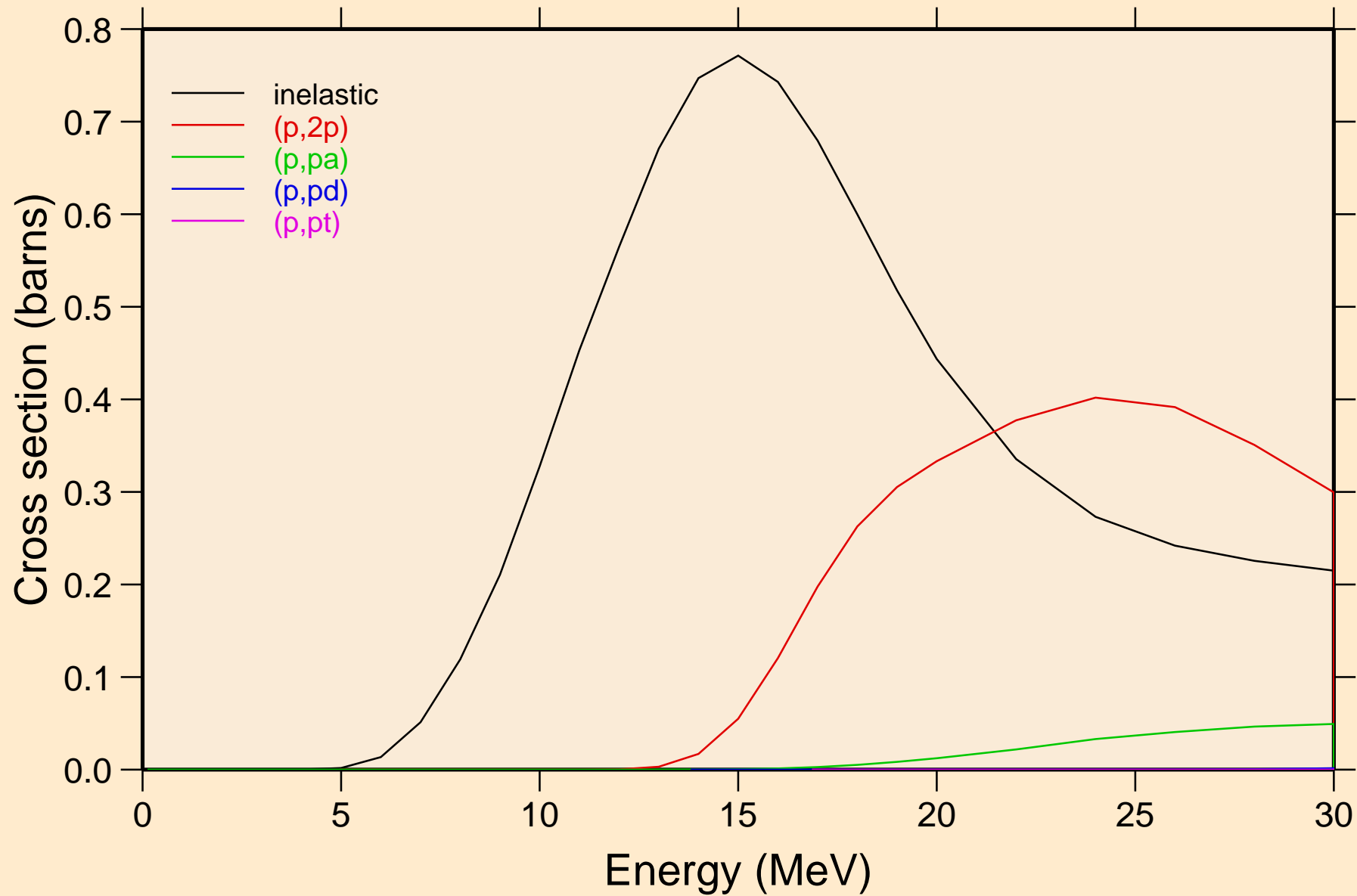
# CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

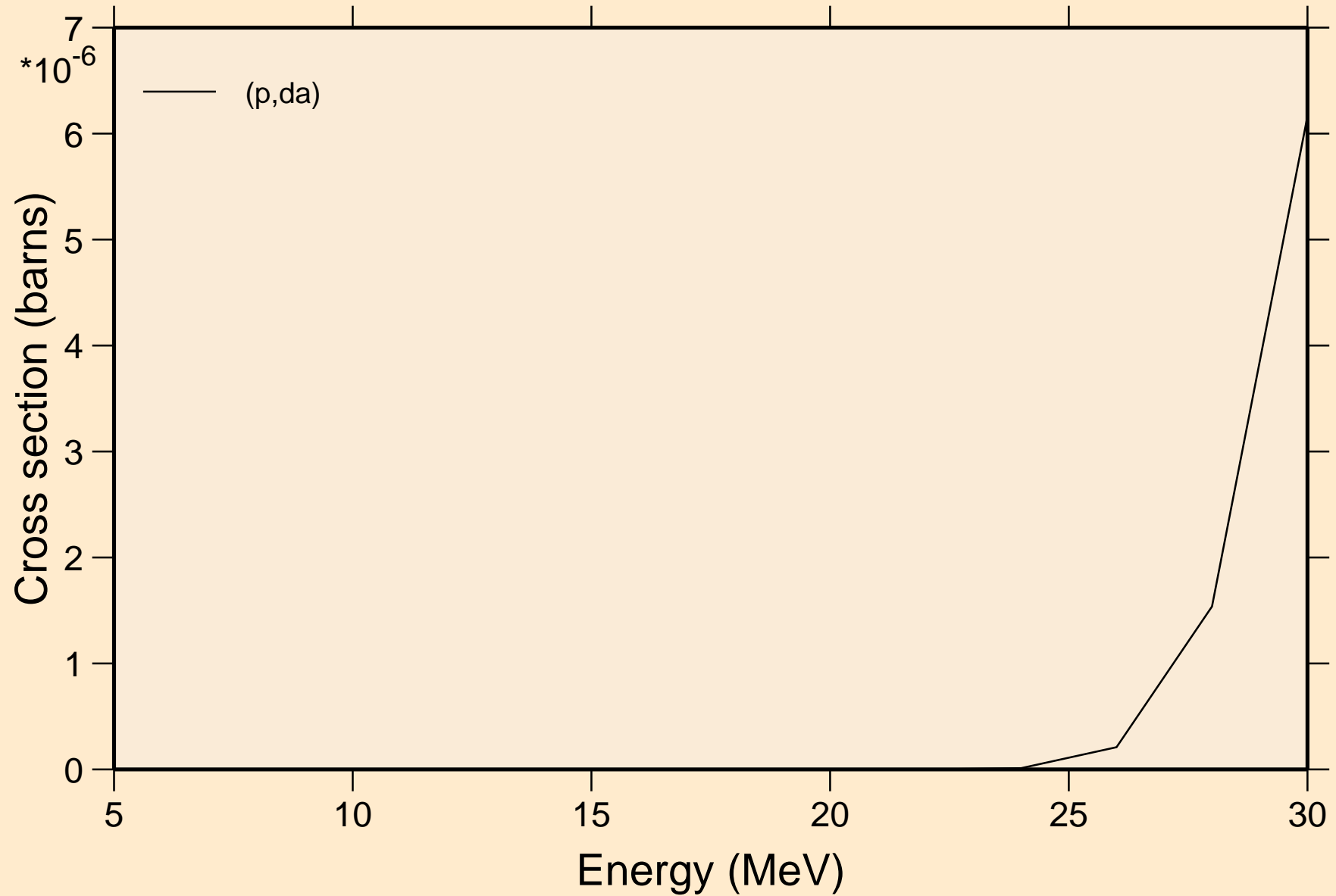


# CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K

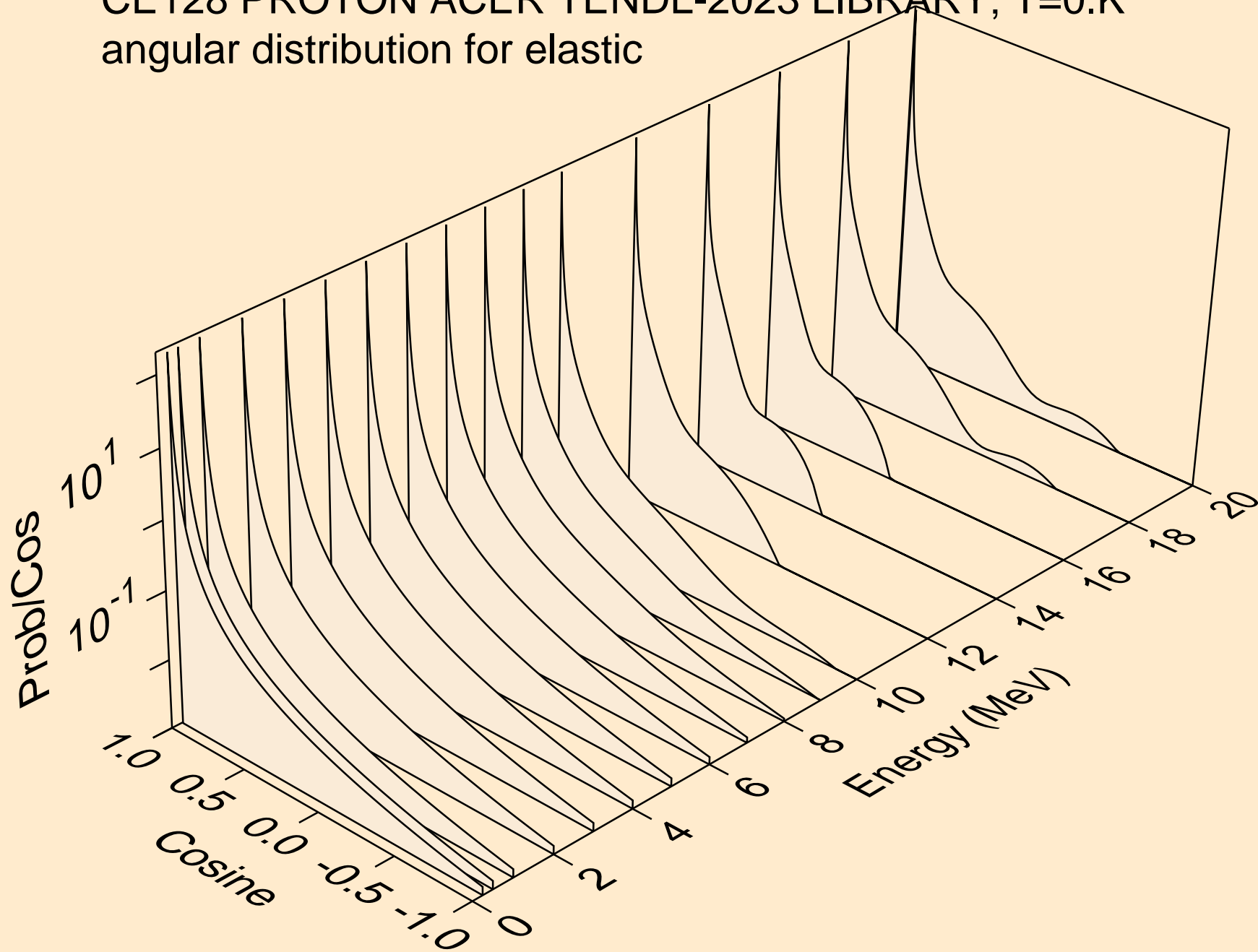
## Threshold reactions



CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

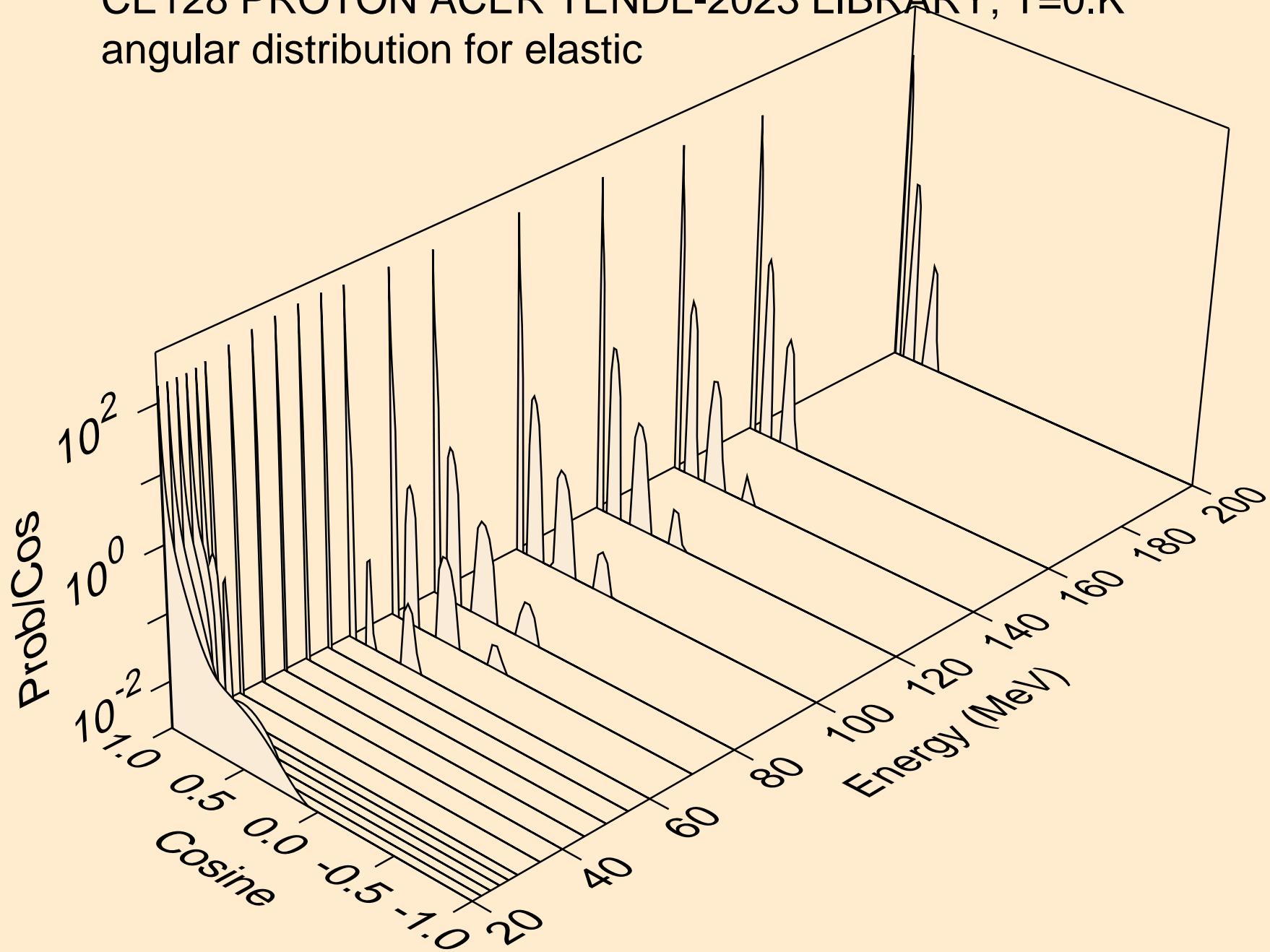


CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

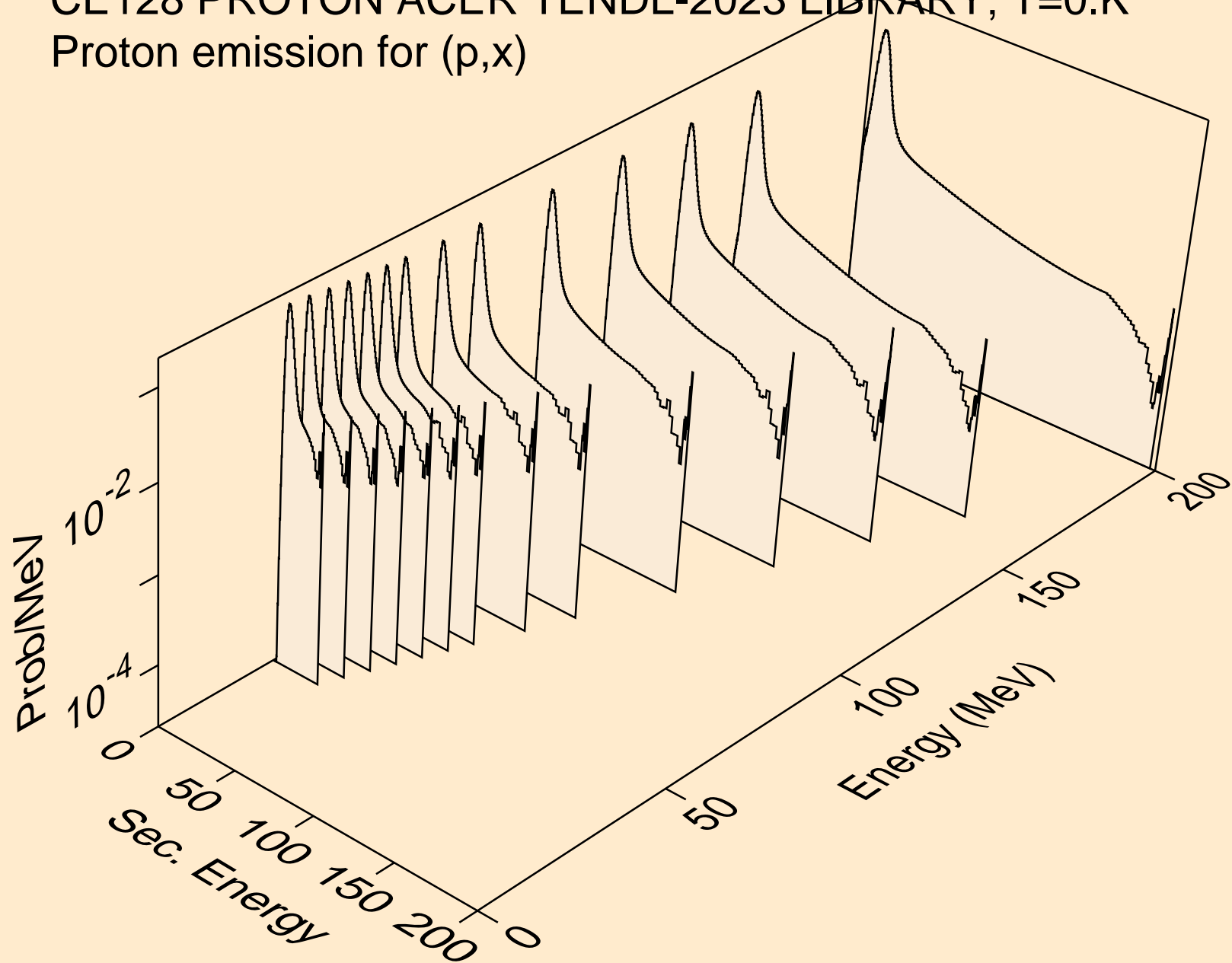




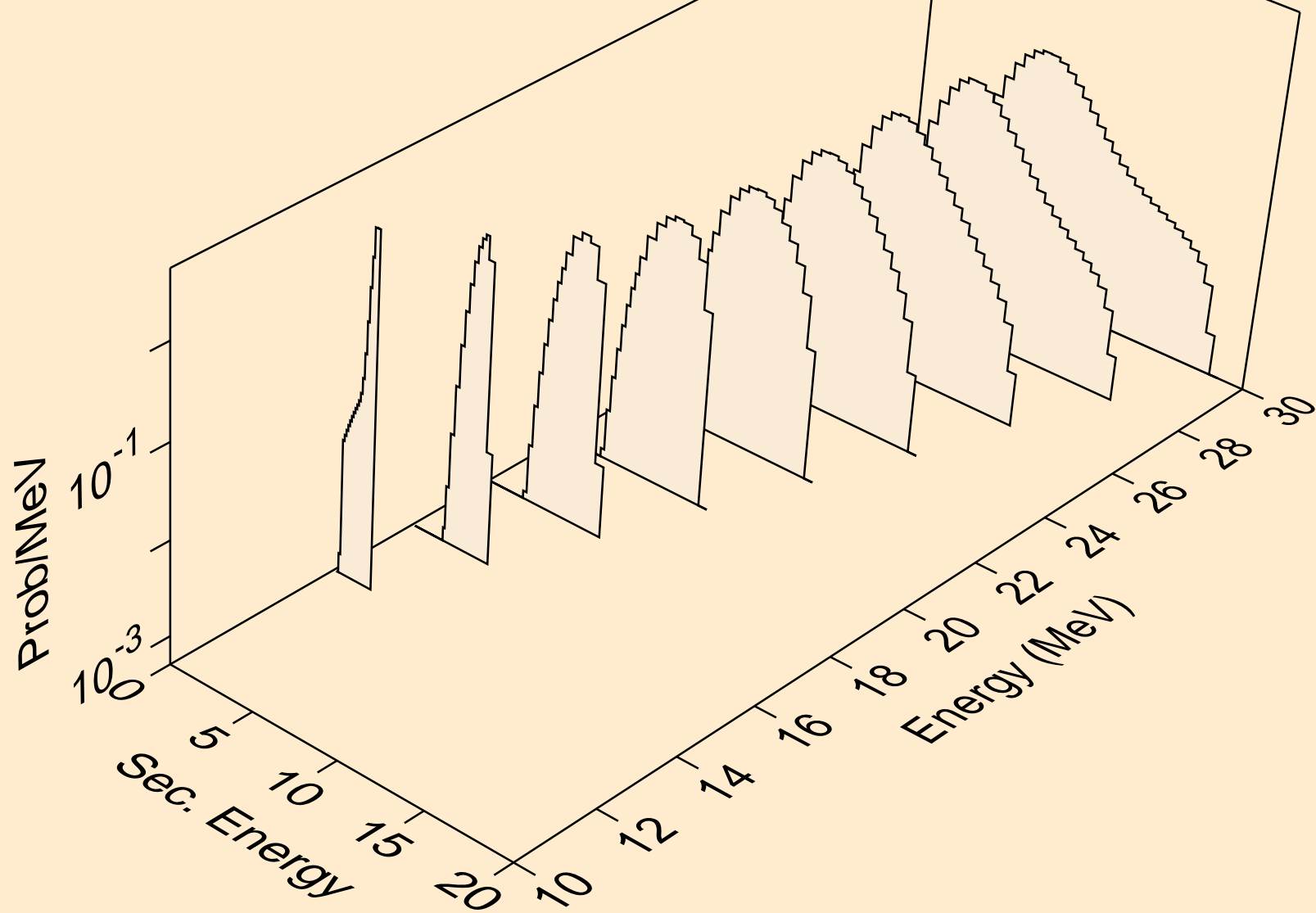
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



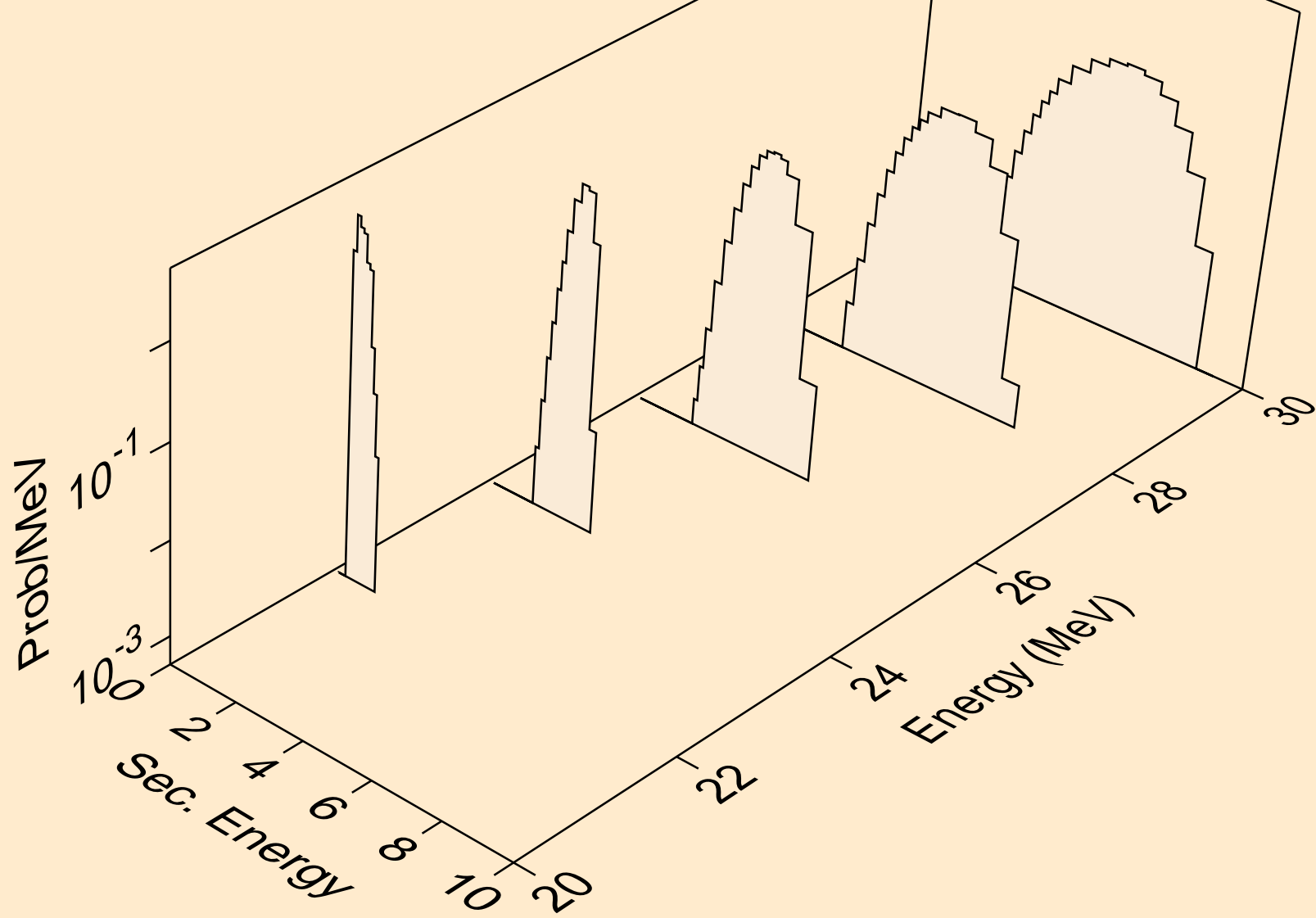
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



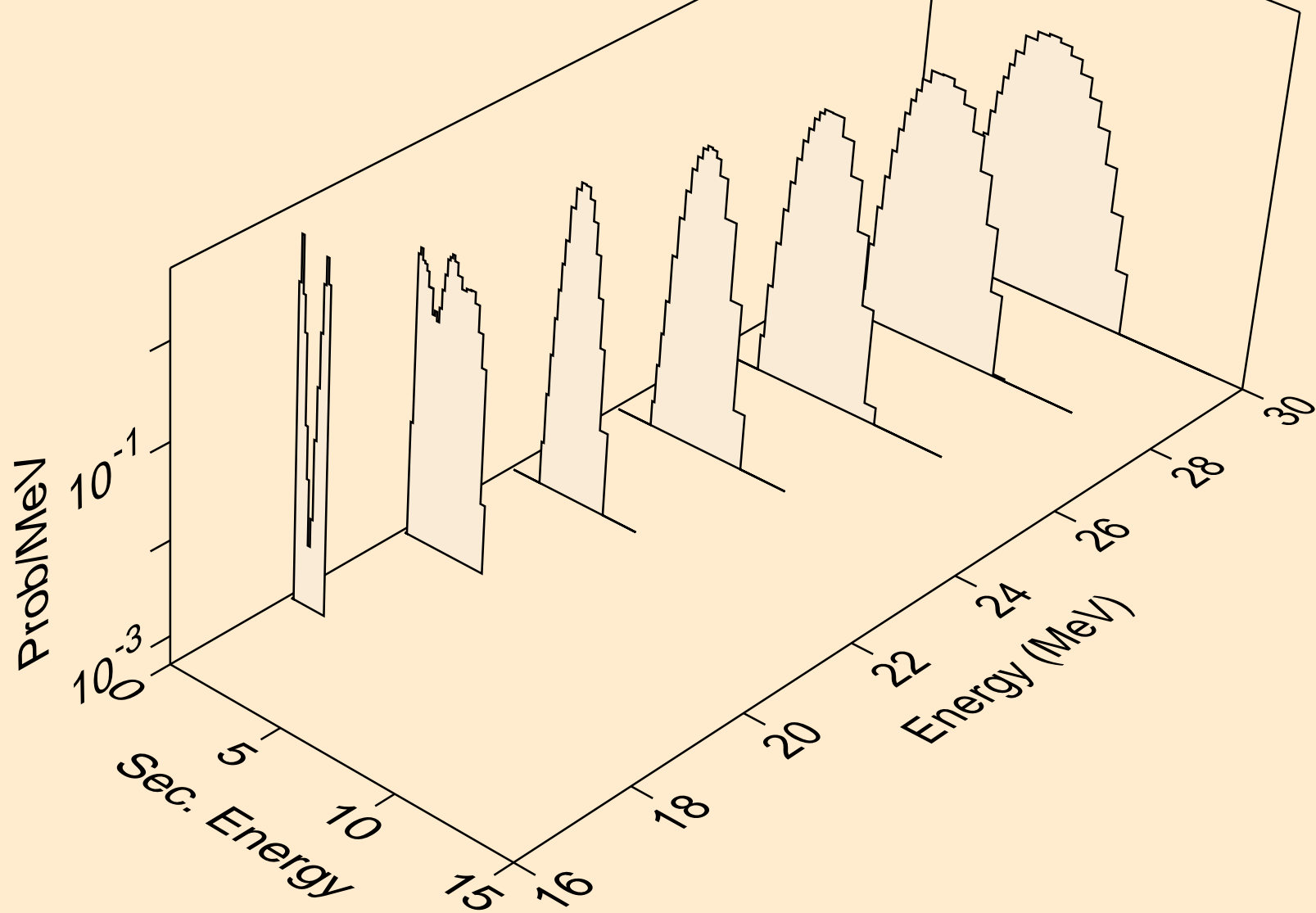
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



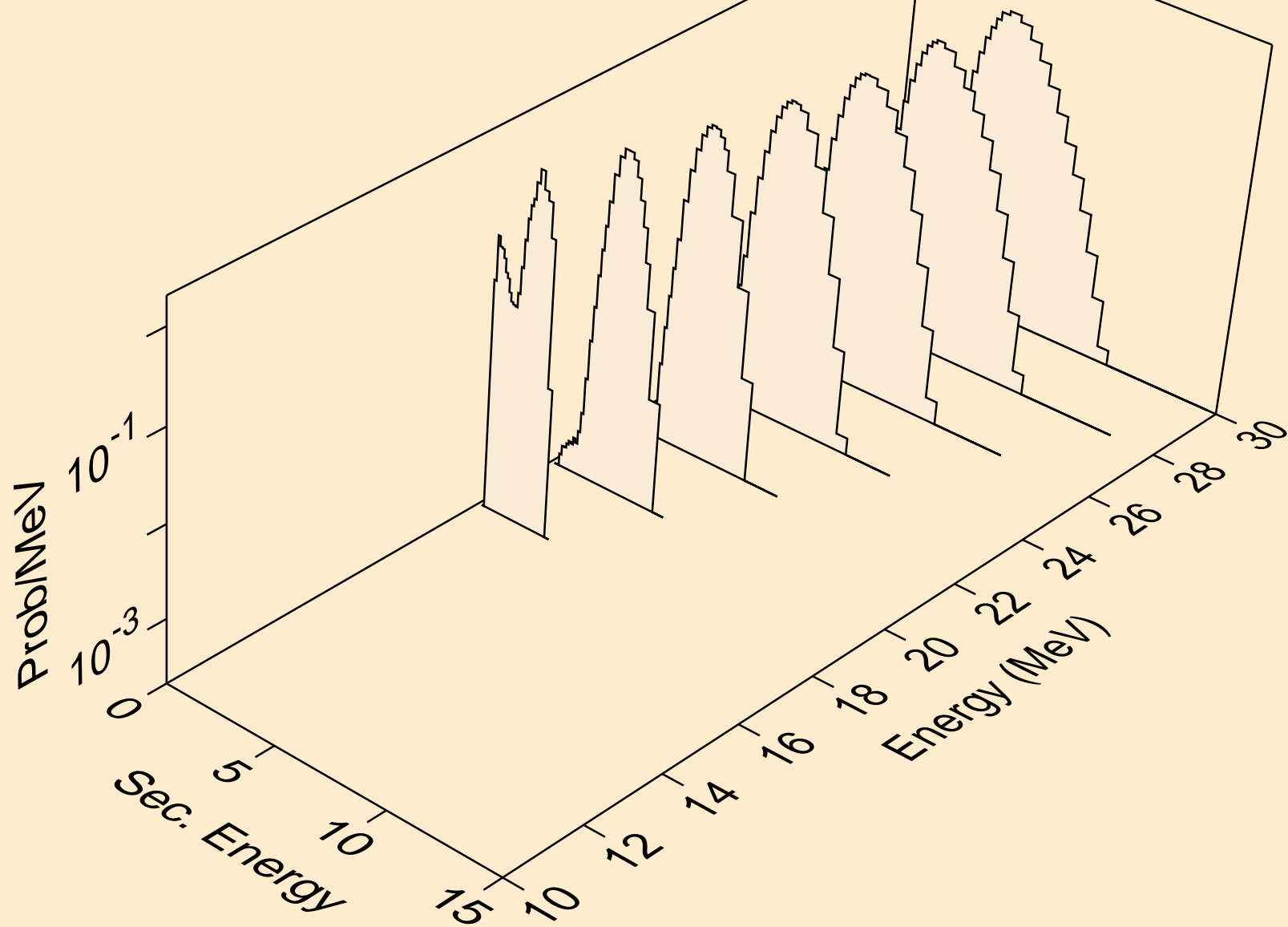
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



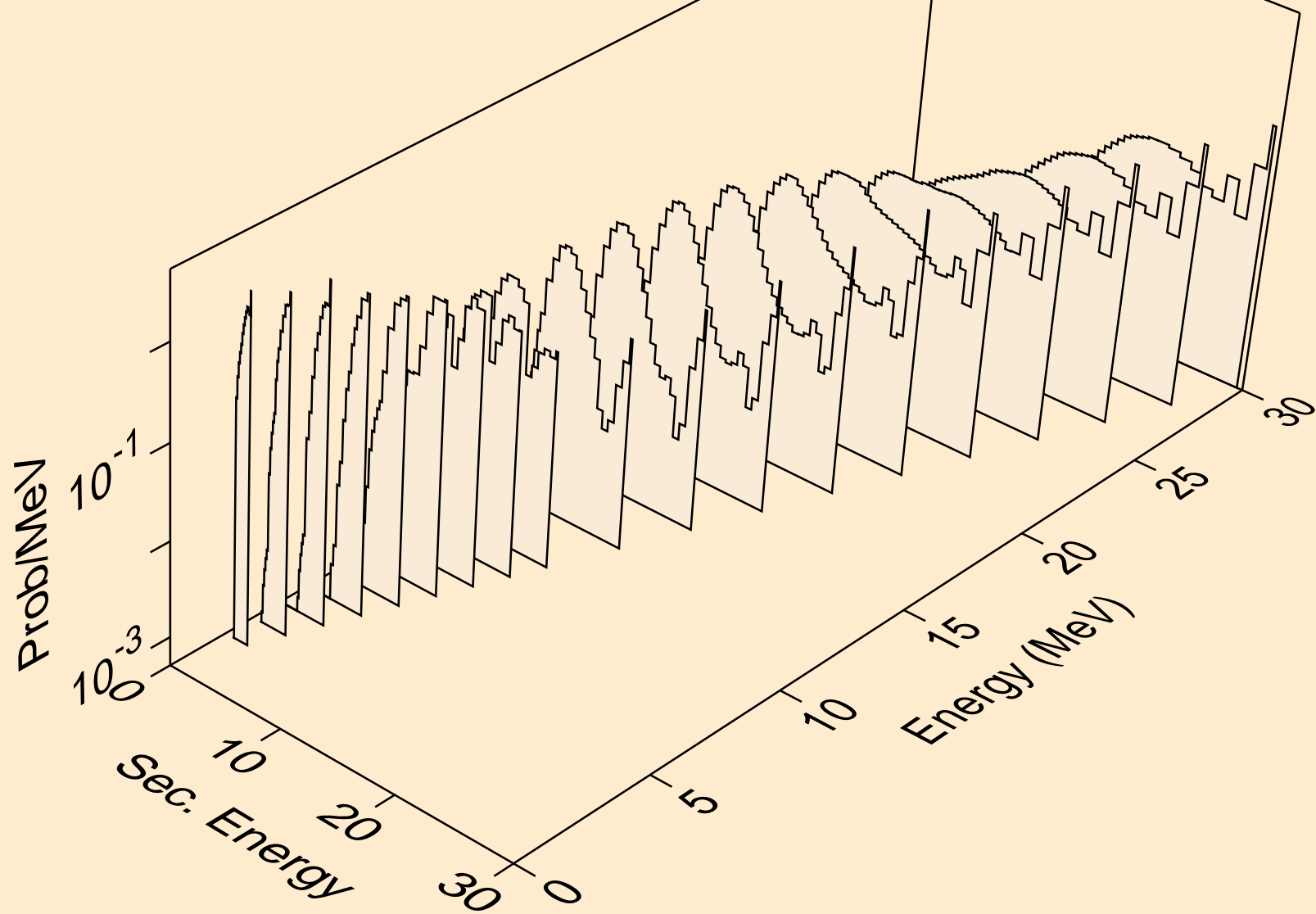
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



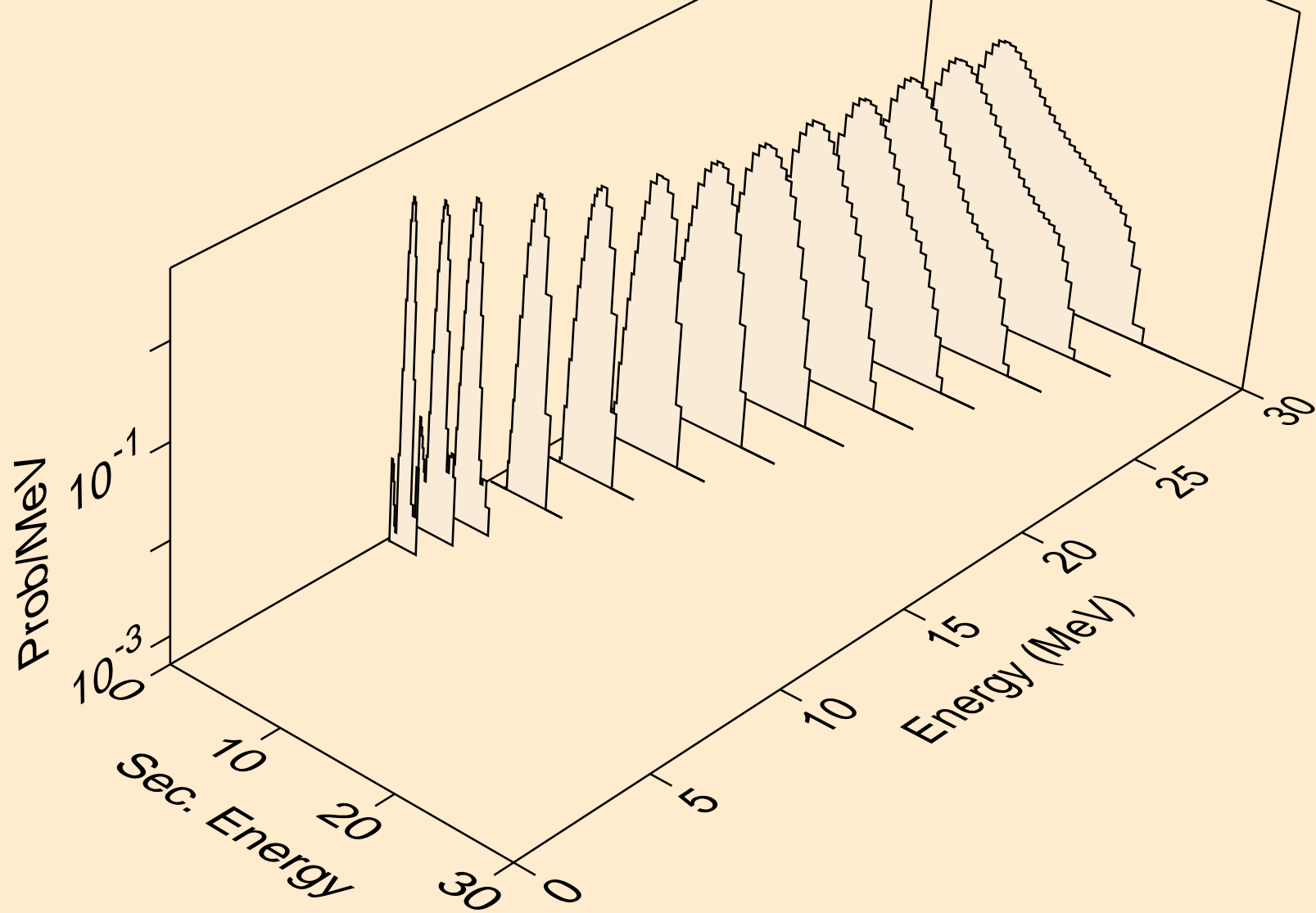
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

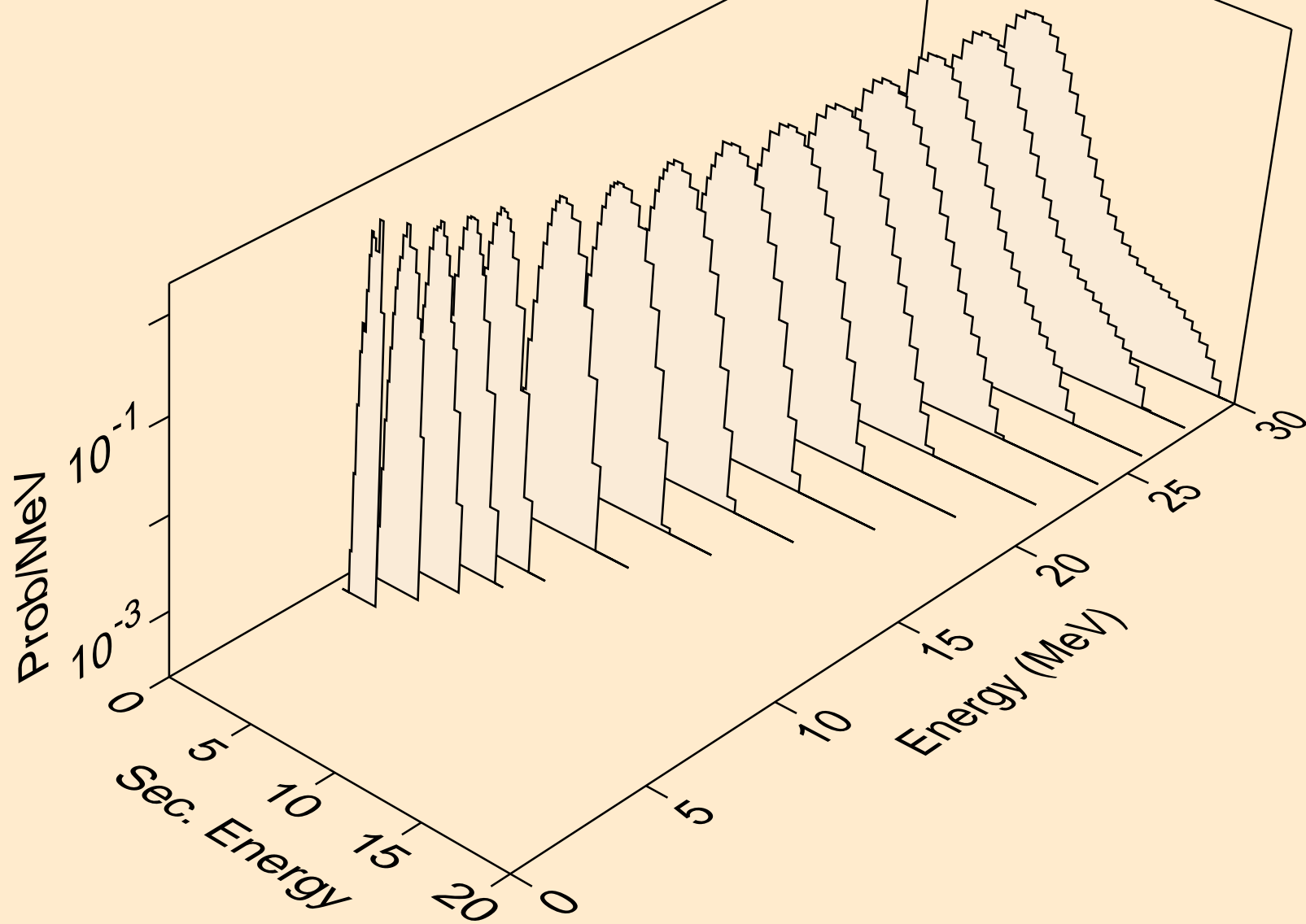


CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

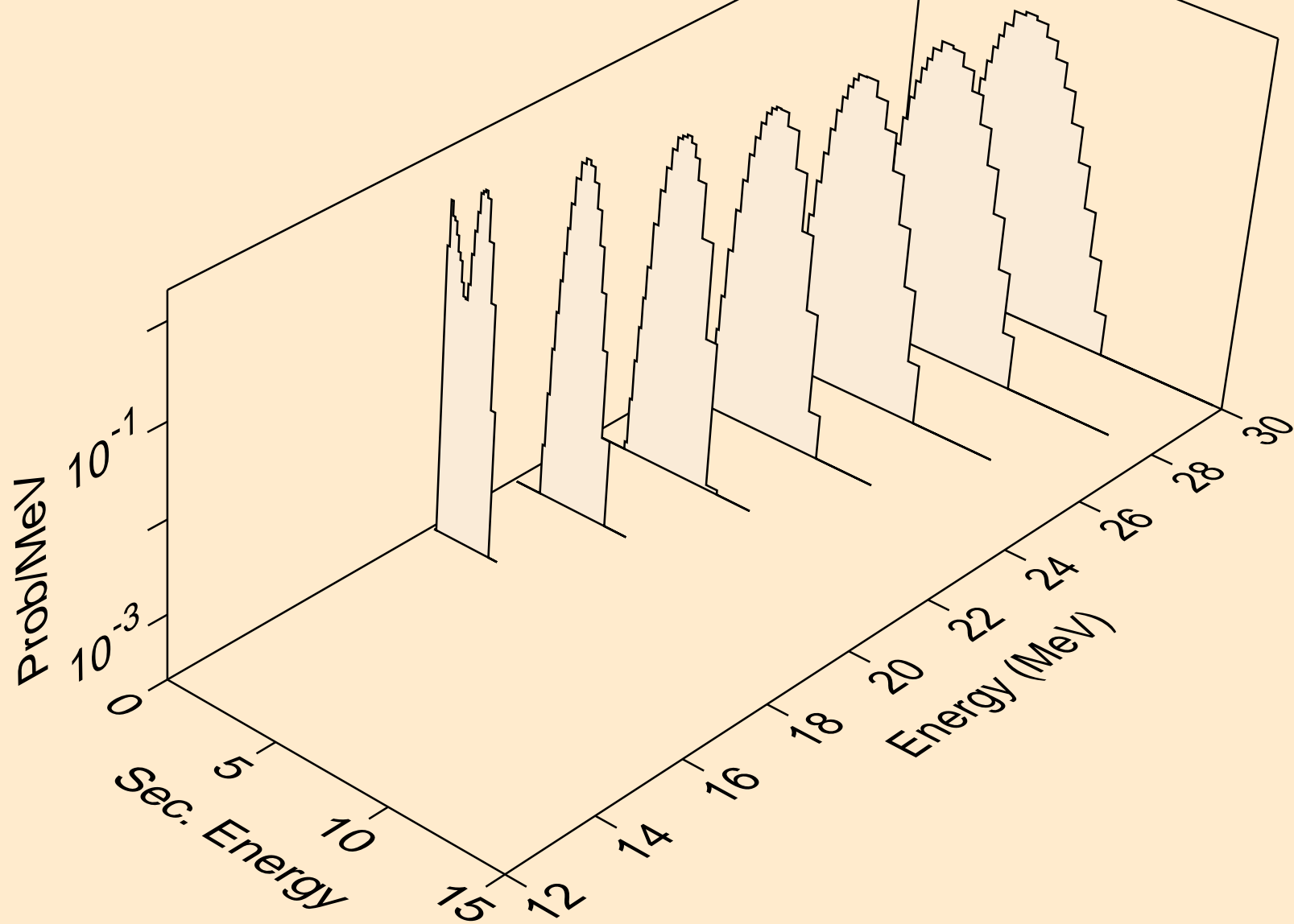




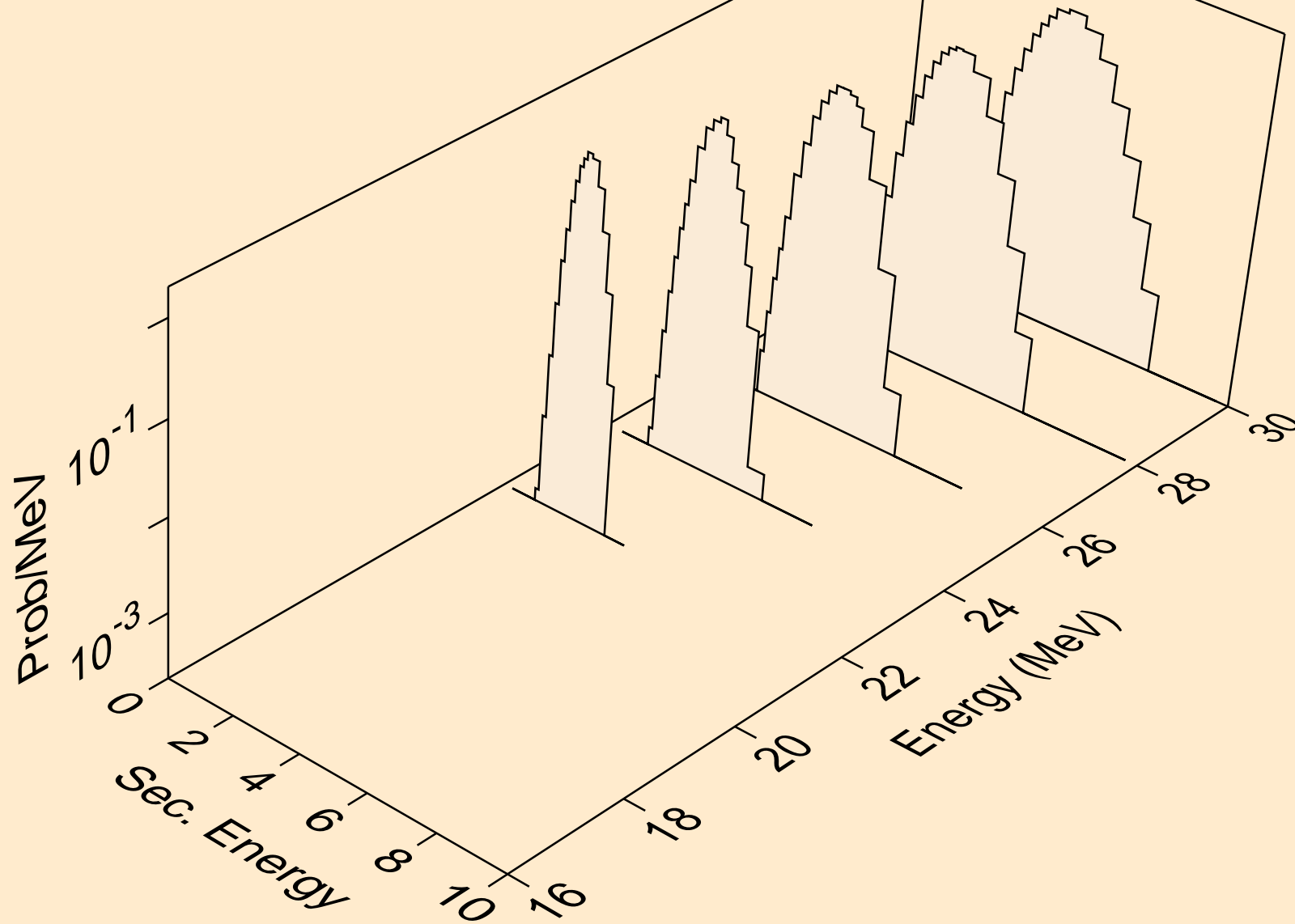
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Proton emission for (p,pa)



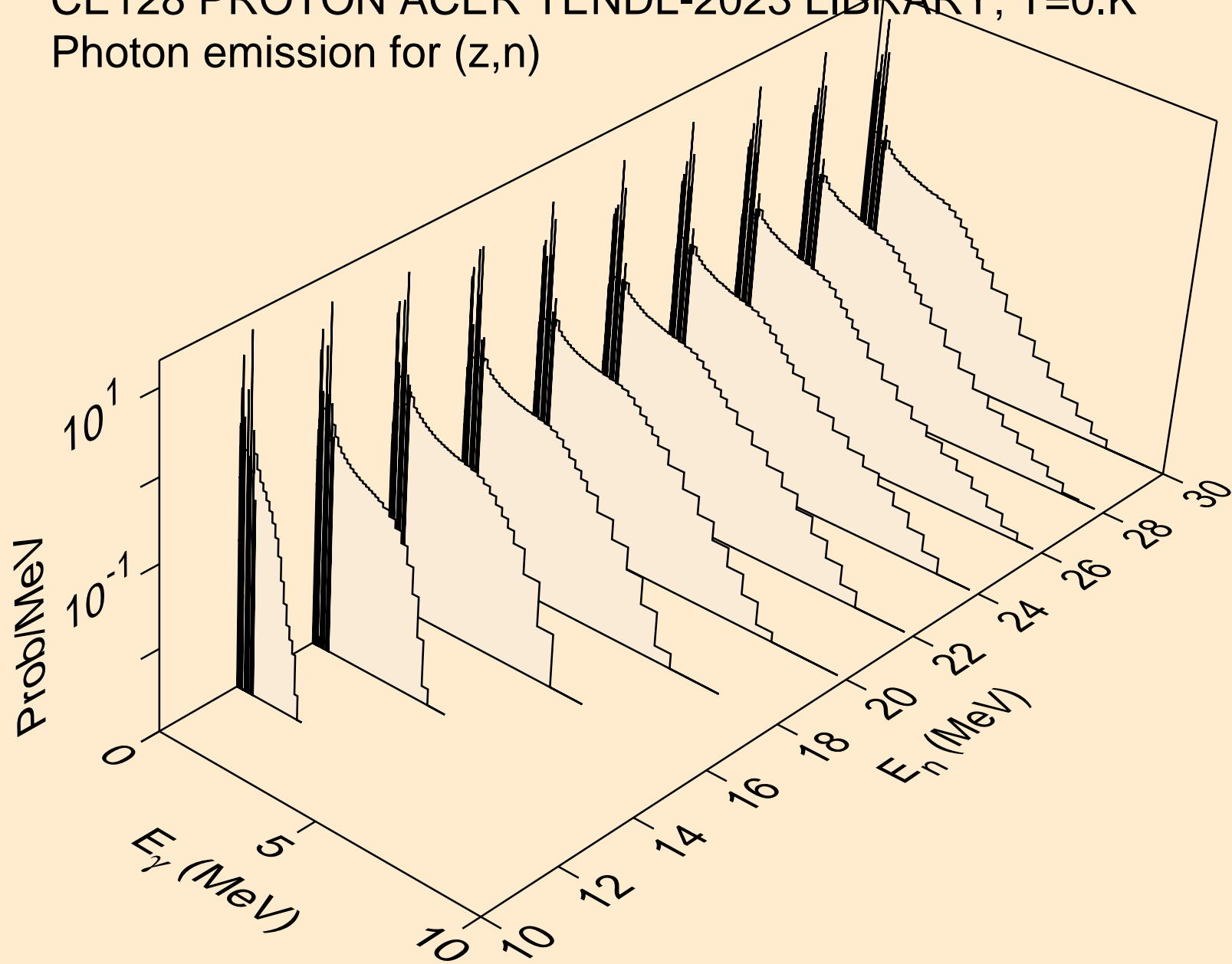
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



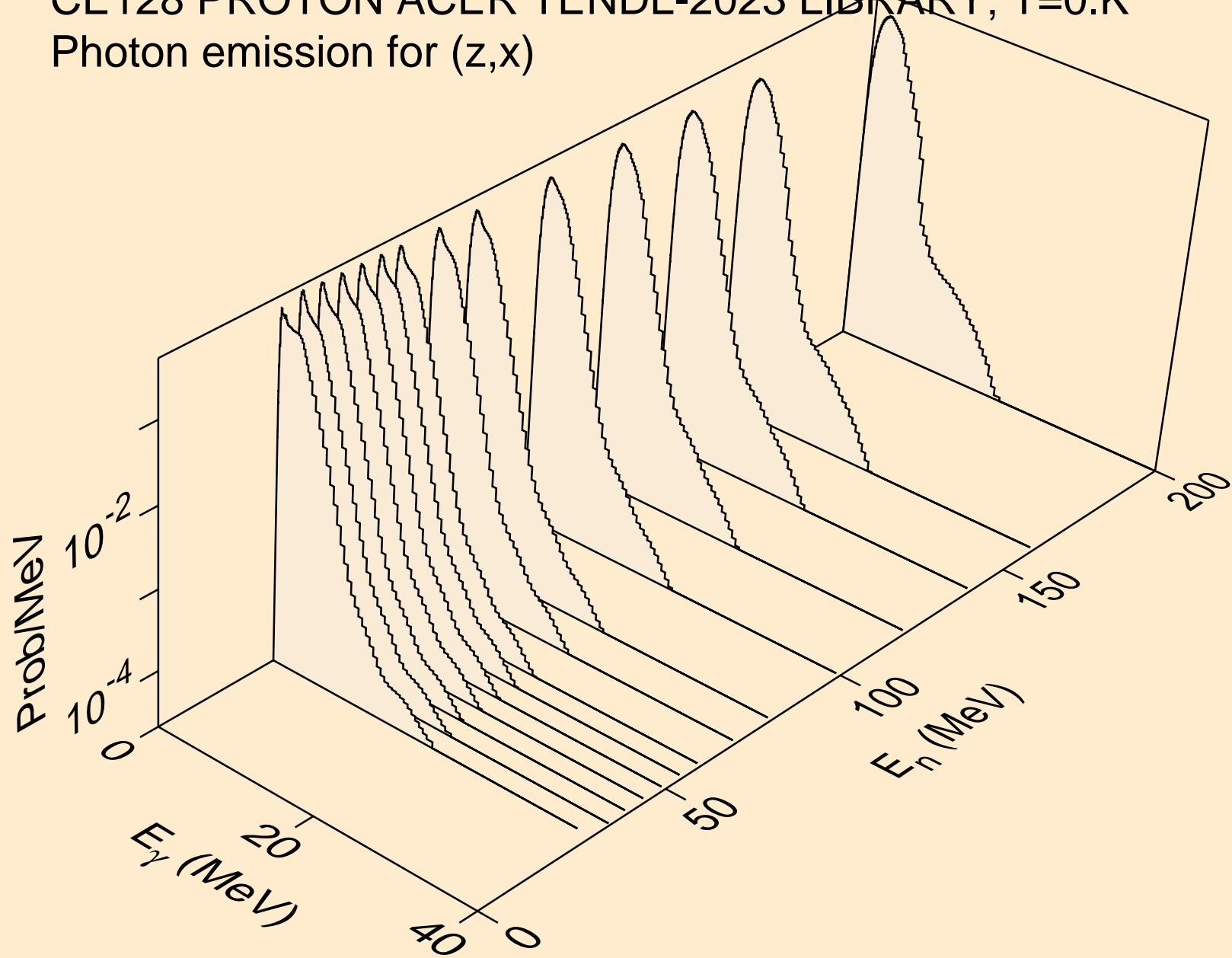
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



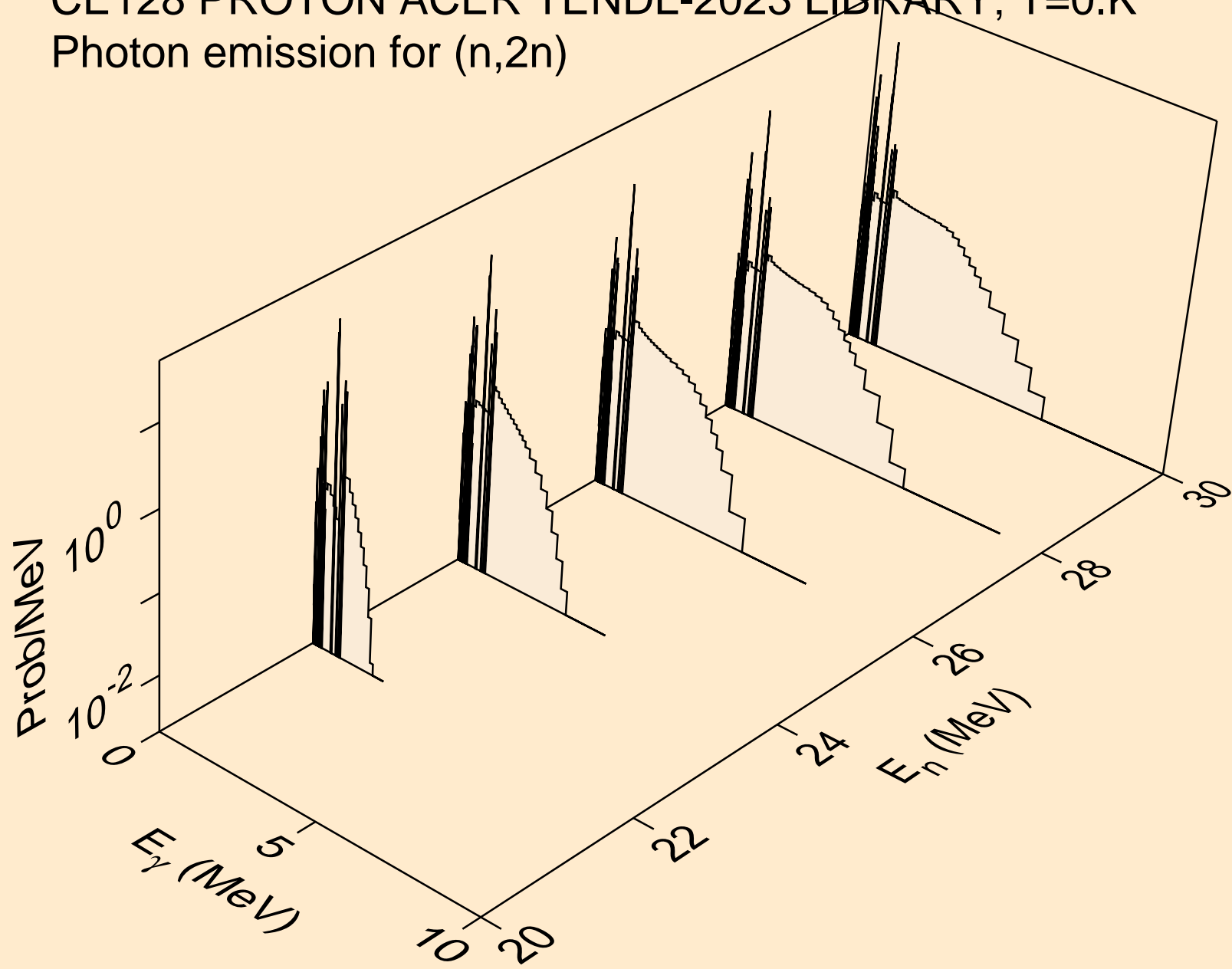
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



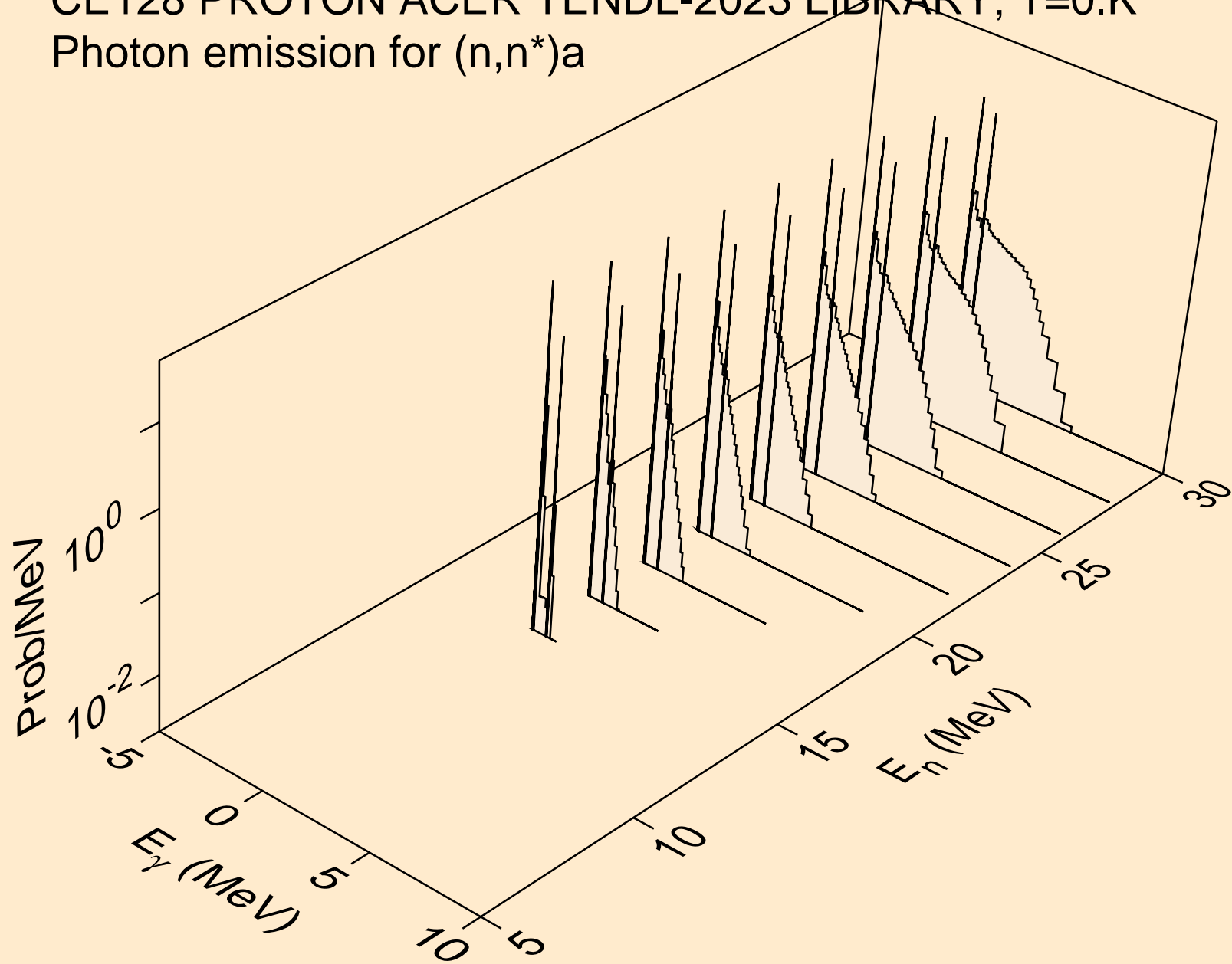
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Photon emission for (z,x)



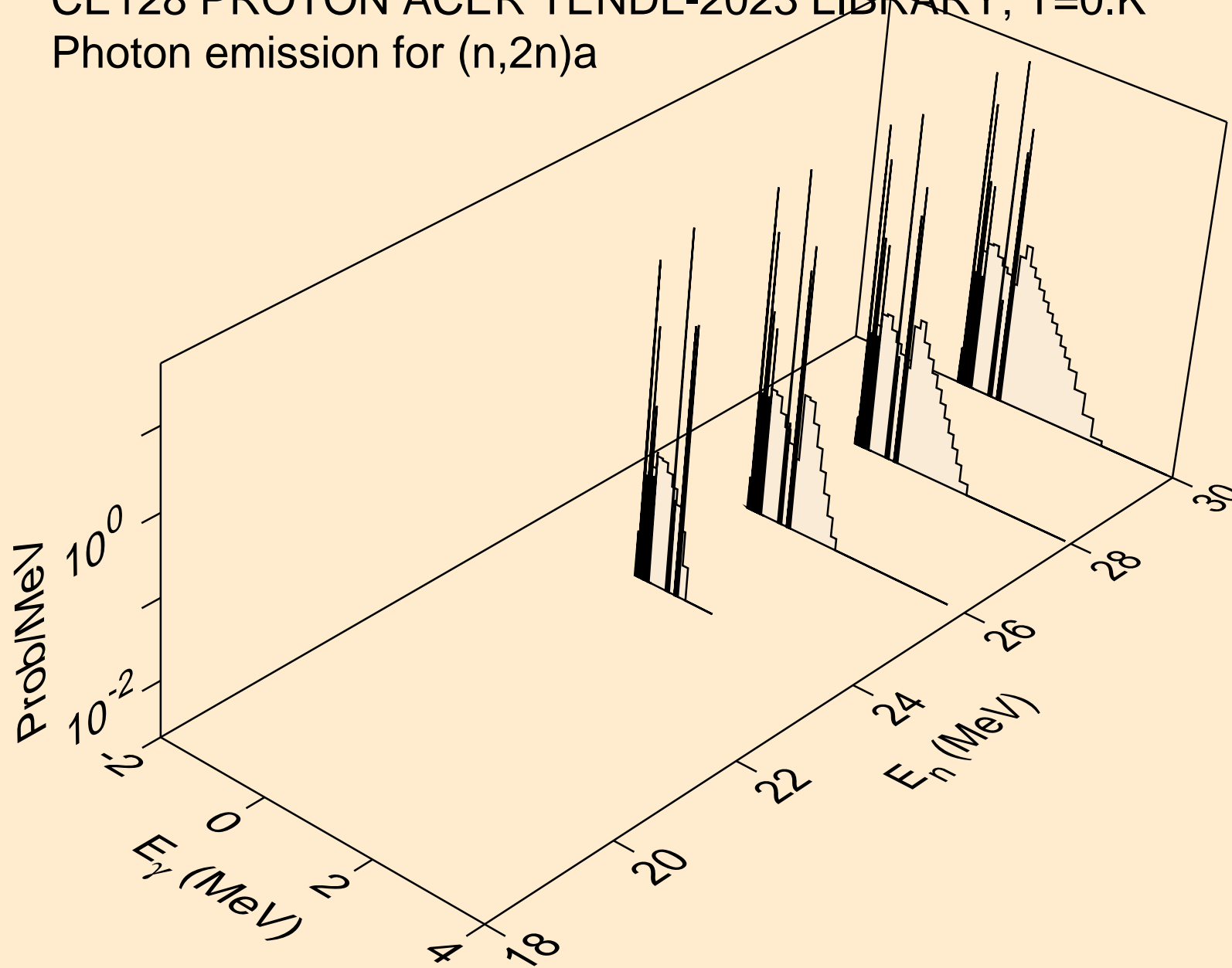
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

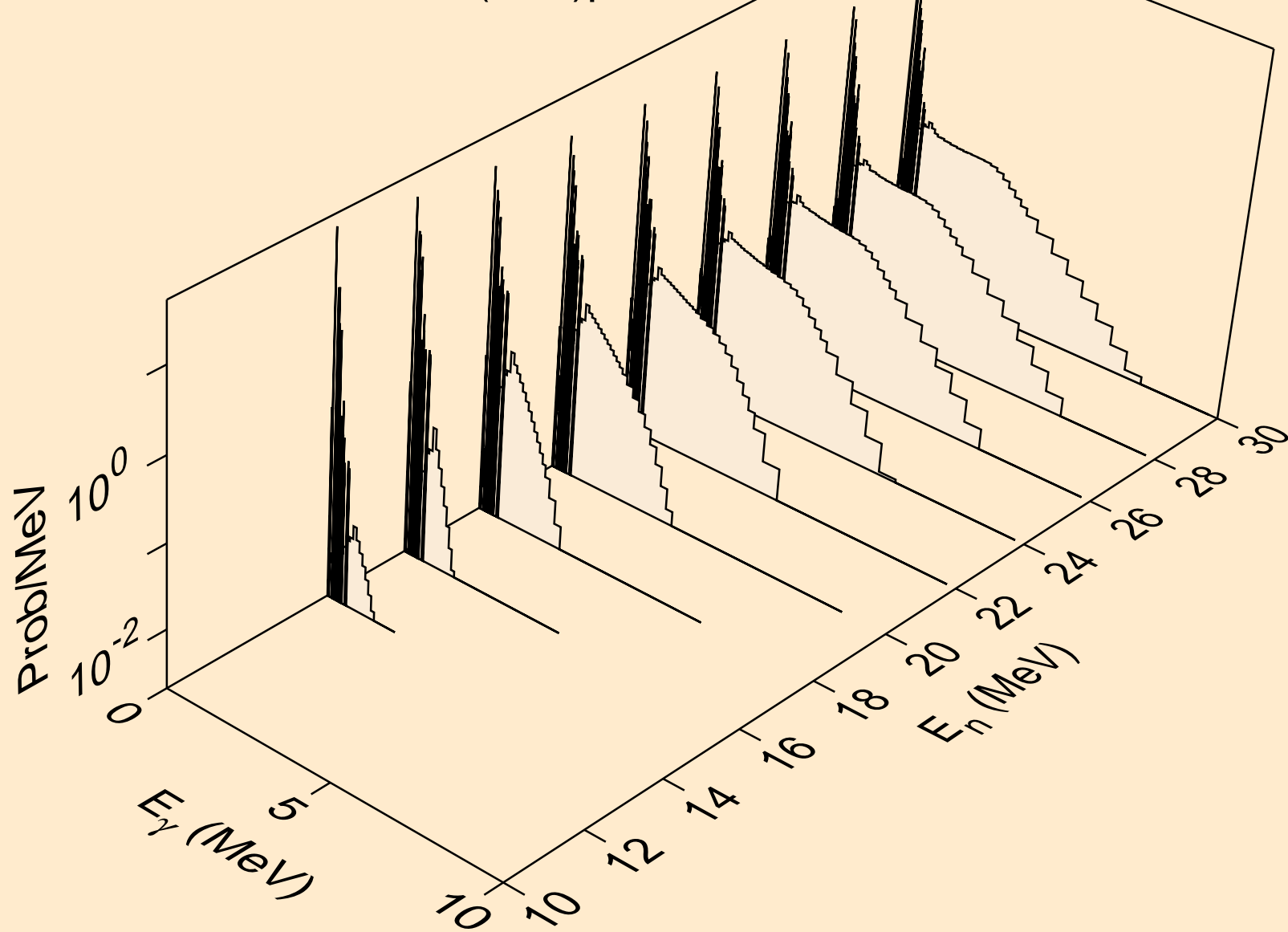


CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

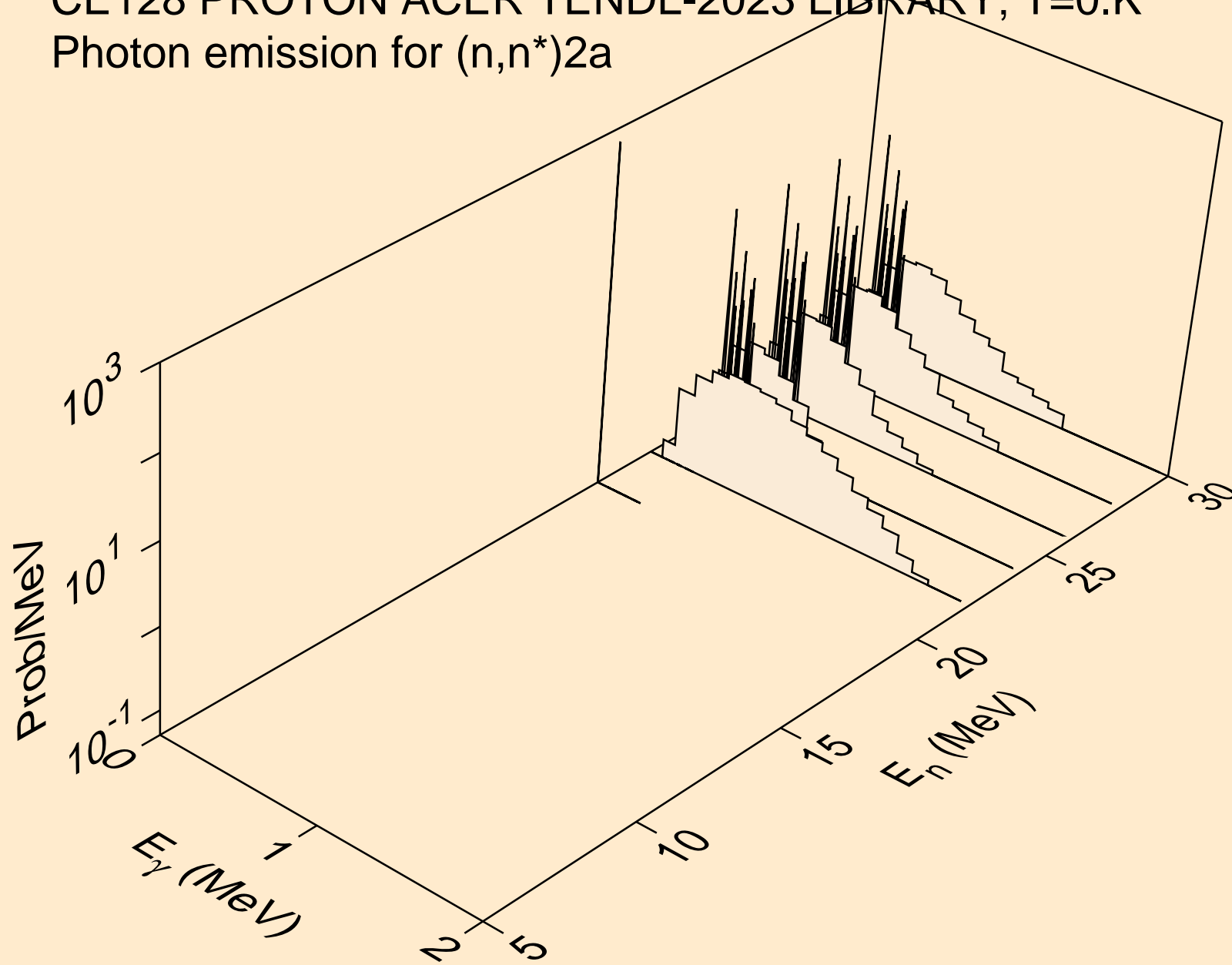




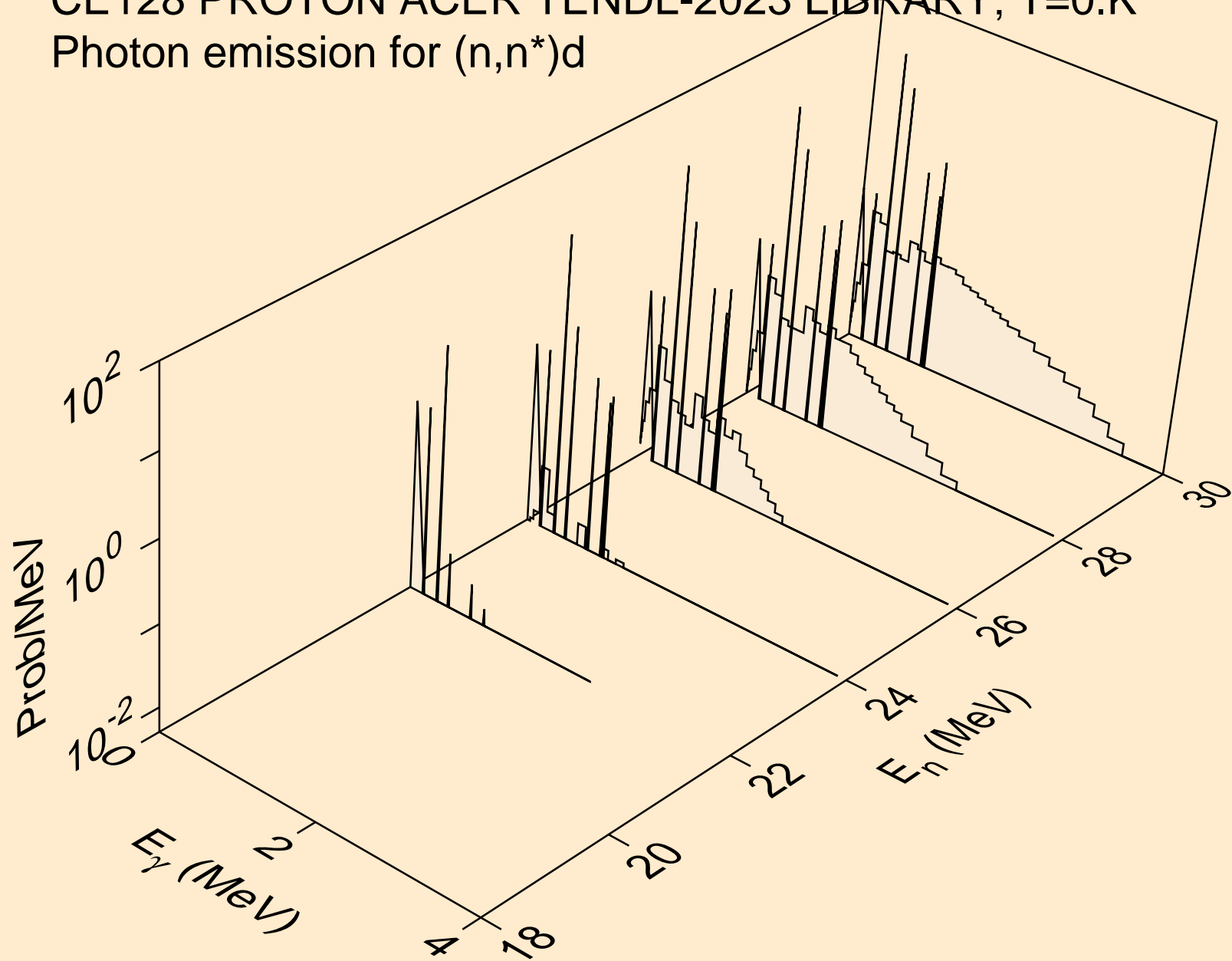
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Photon emission for (n,n\*)p



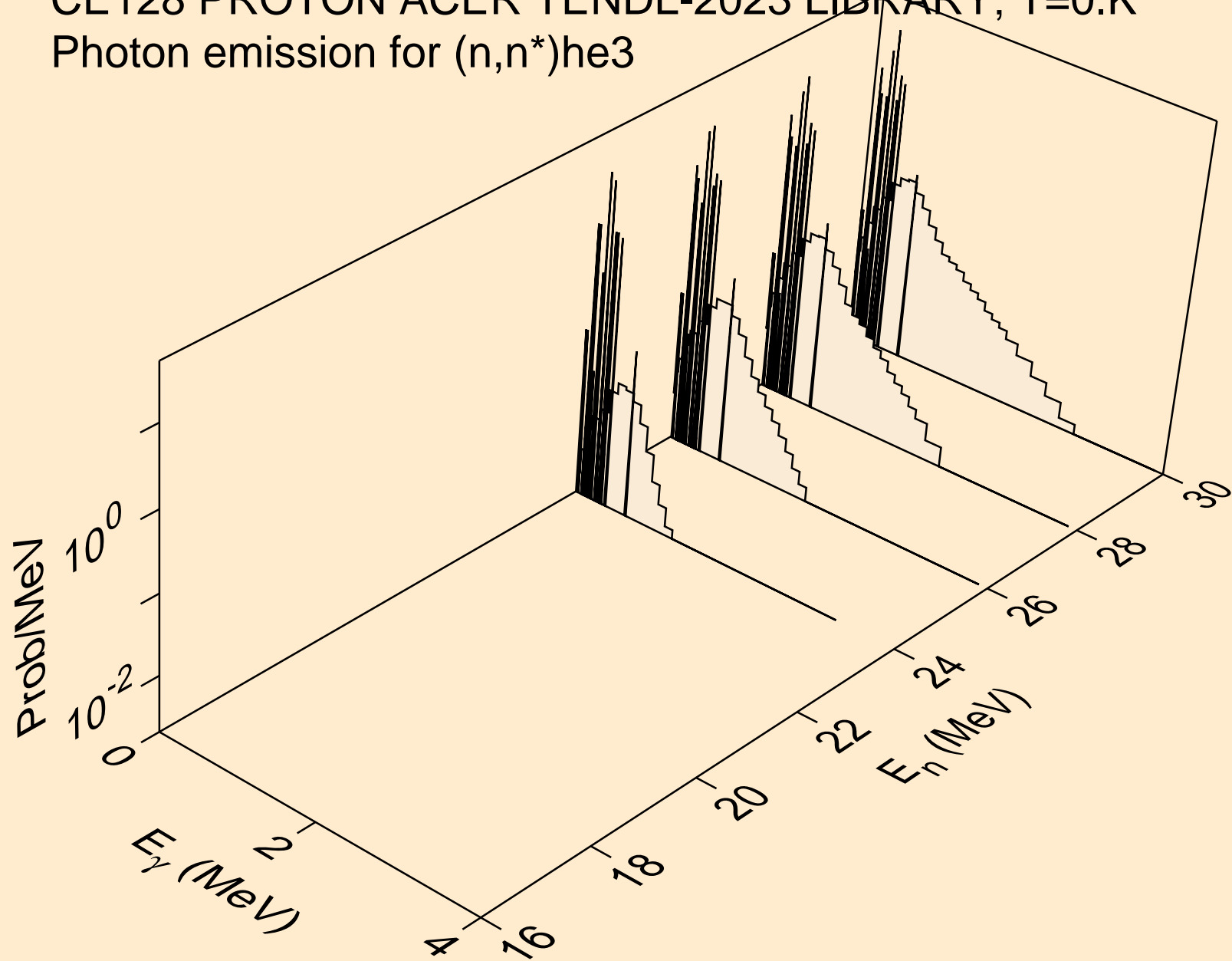
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Photon emission for (n,n\*)2a



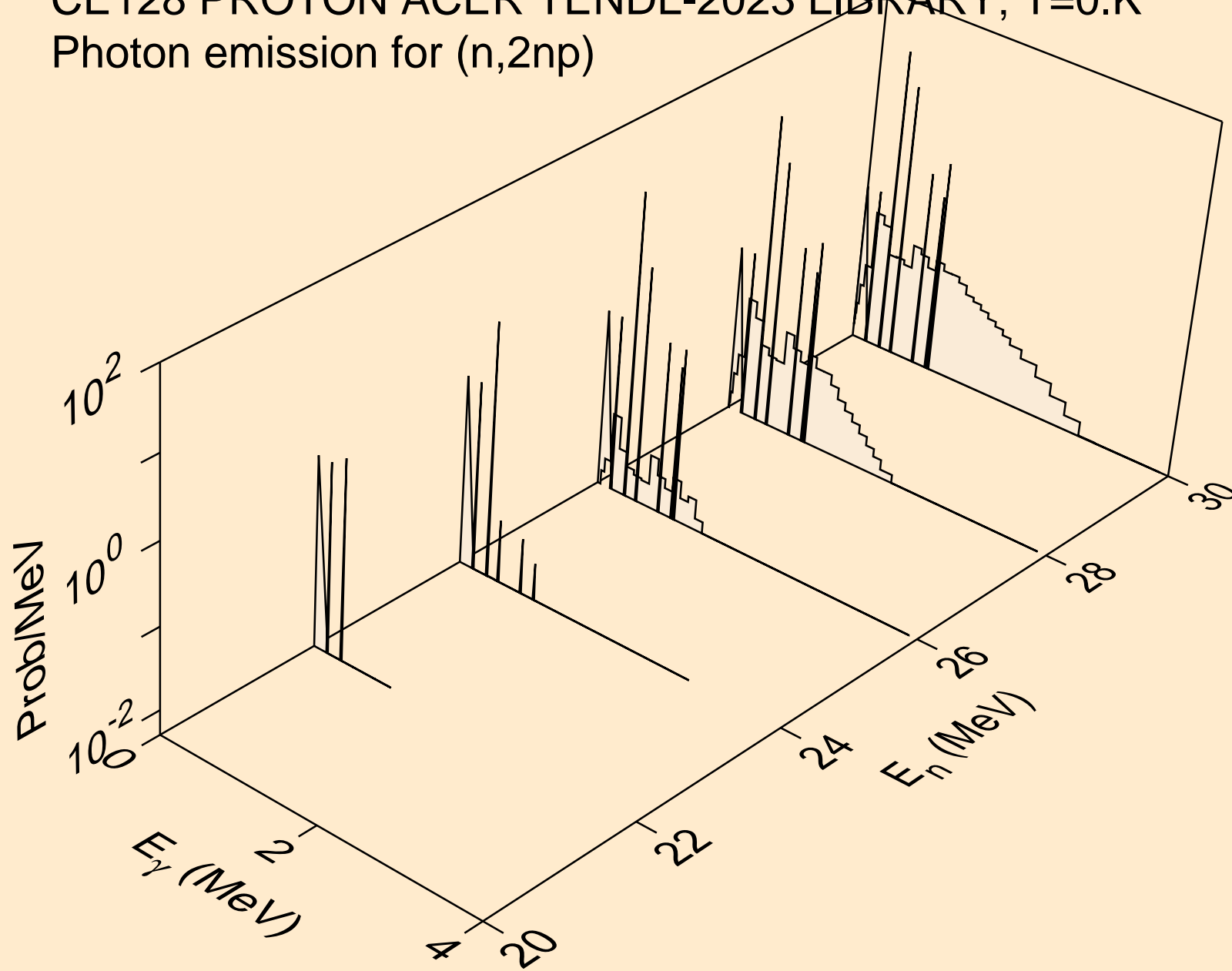
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



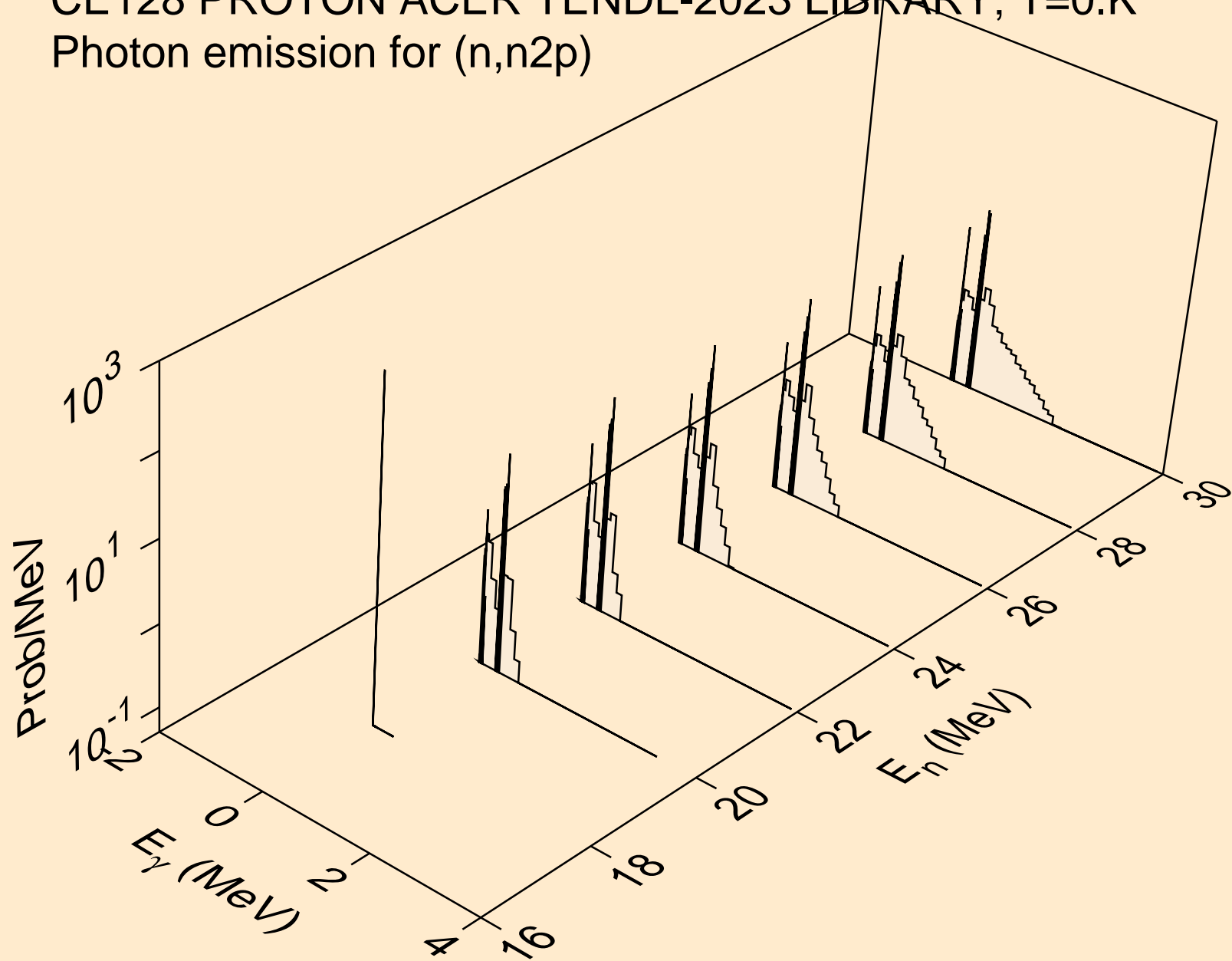
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



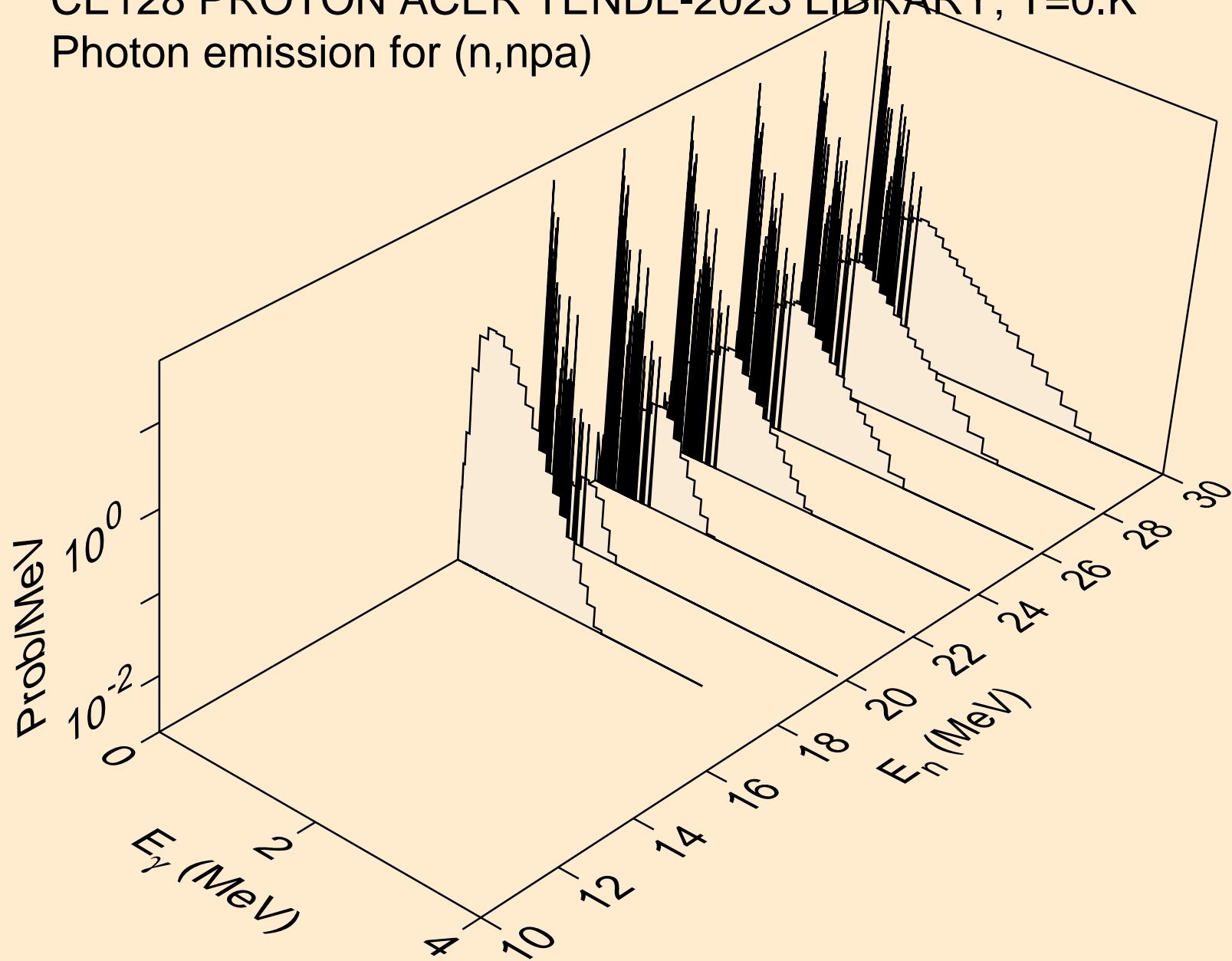
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Photon emission for (n,2np)



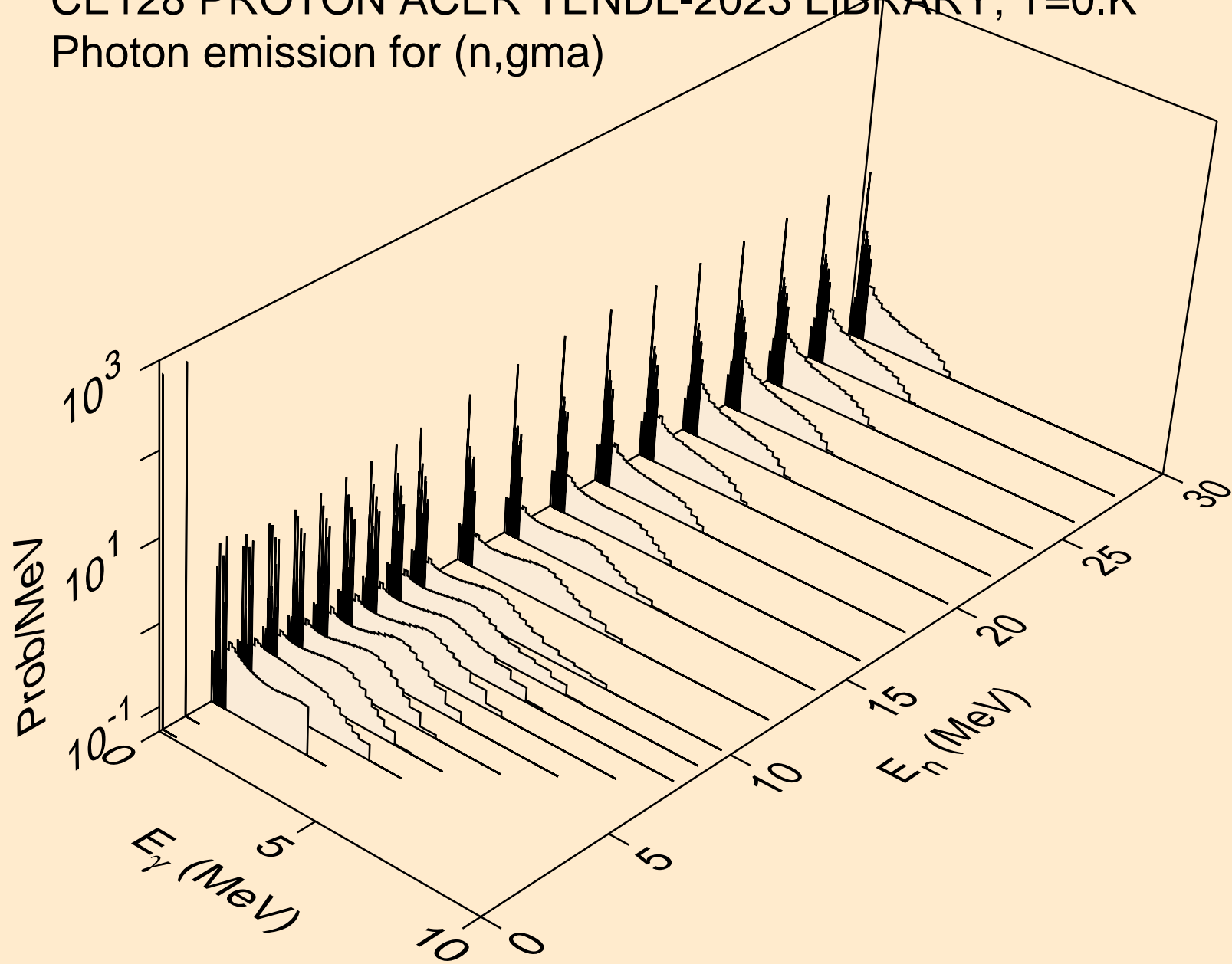
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

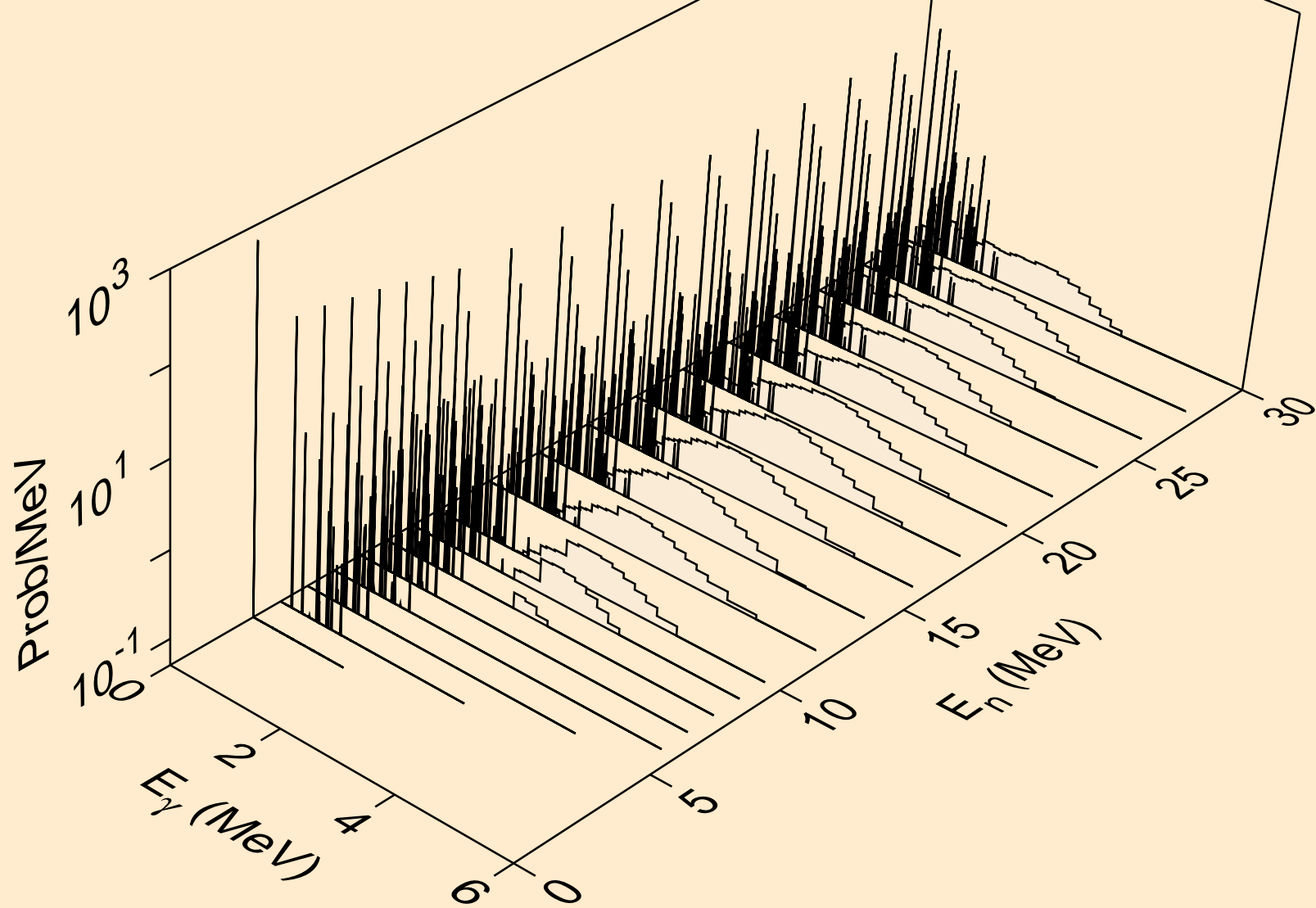


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Photon emission for (n,gma)

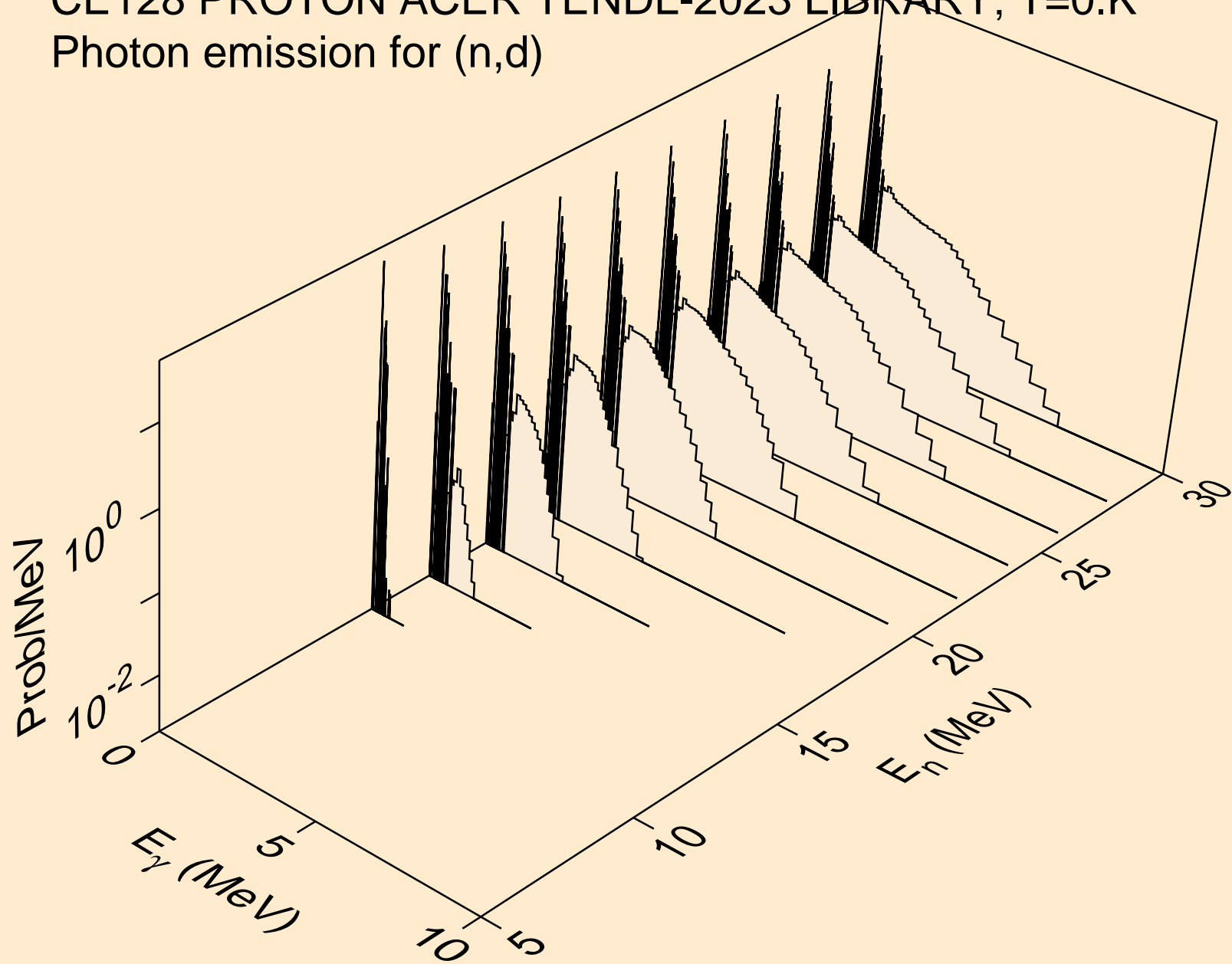




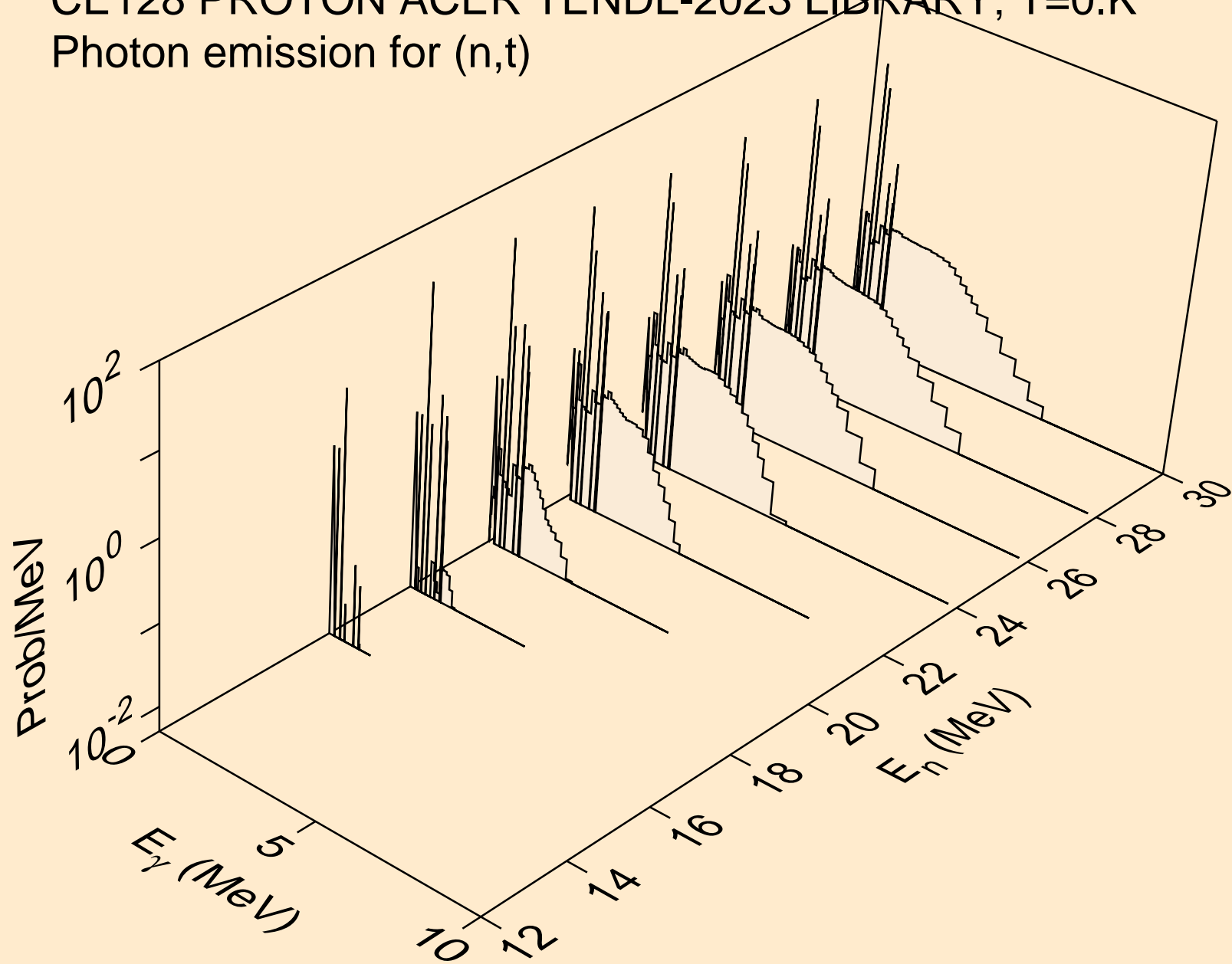
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



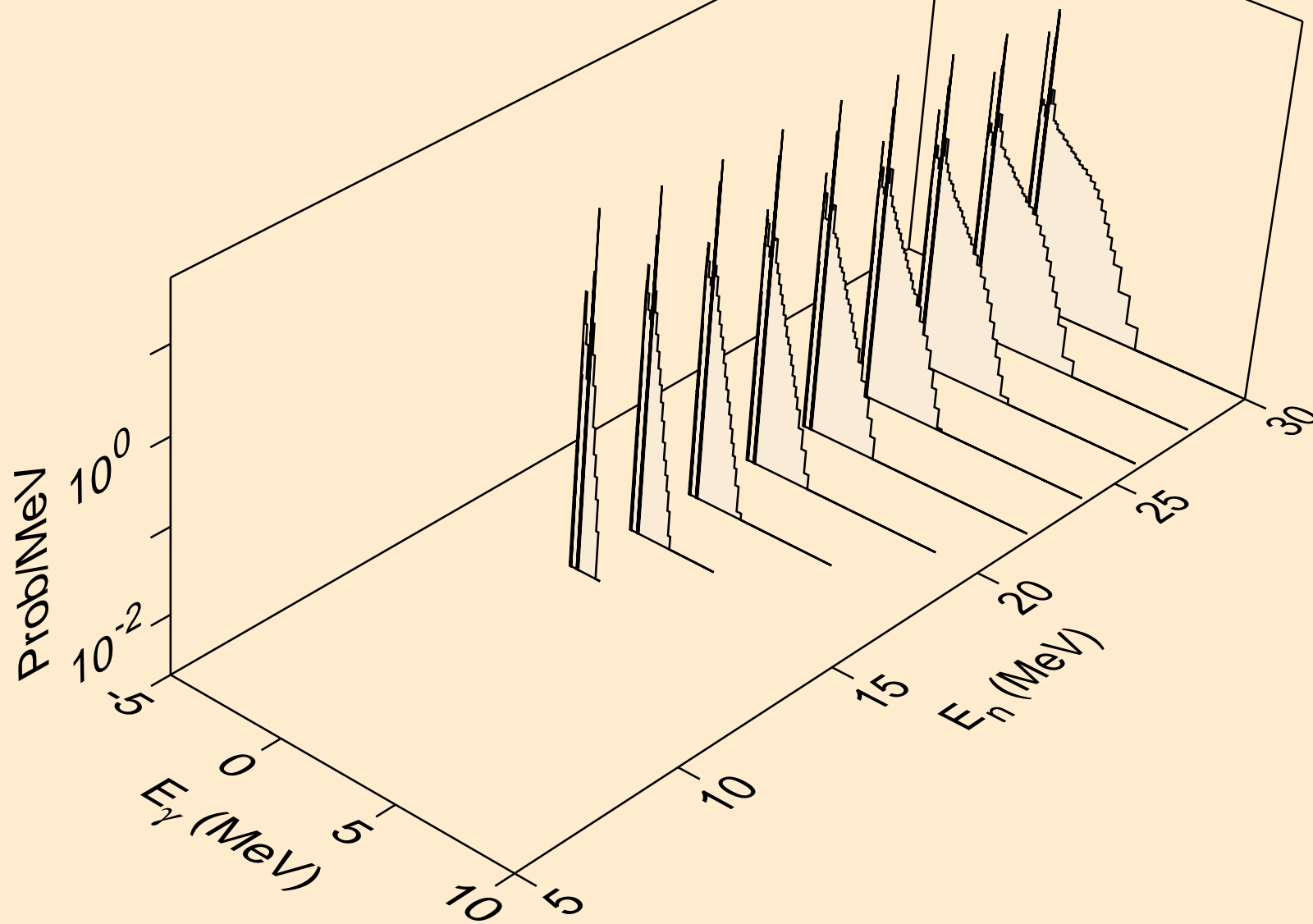
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Photon emission for (n,d)



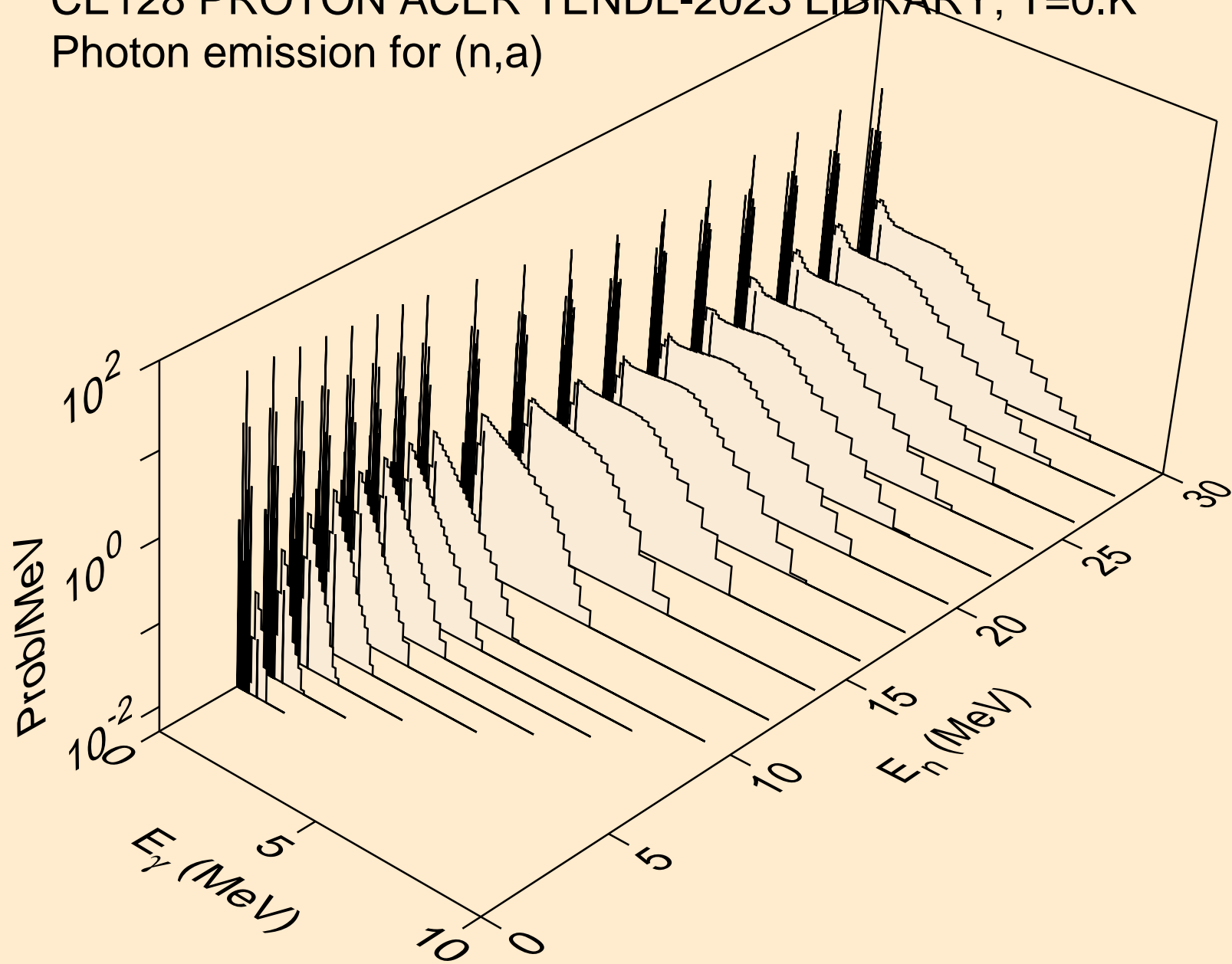
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Photon emission for (n,t)



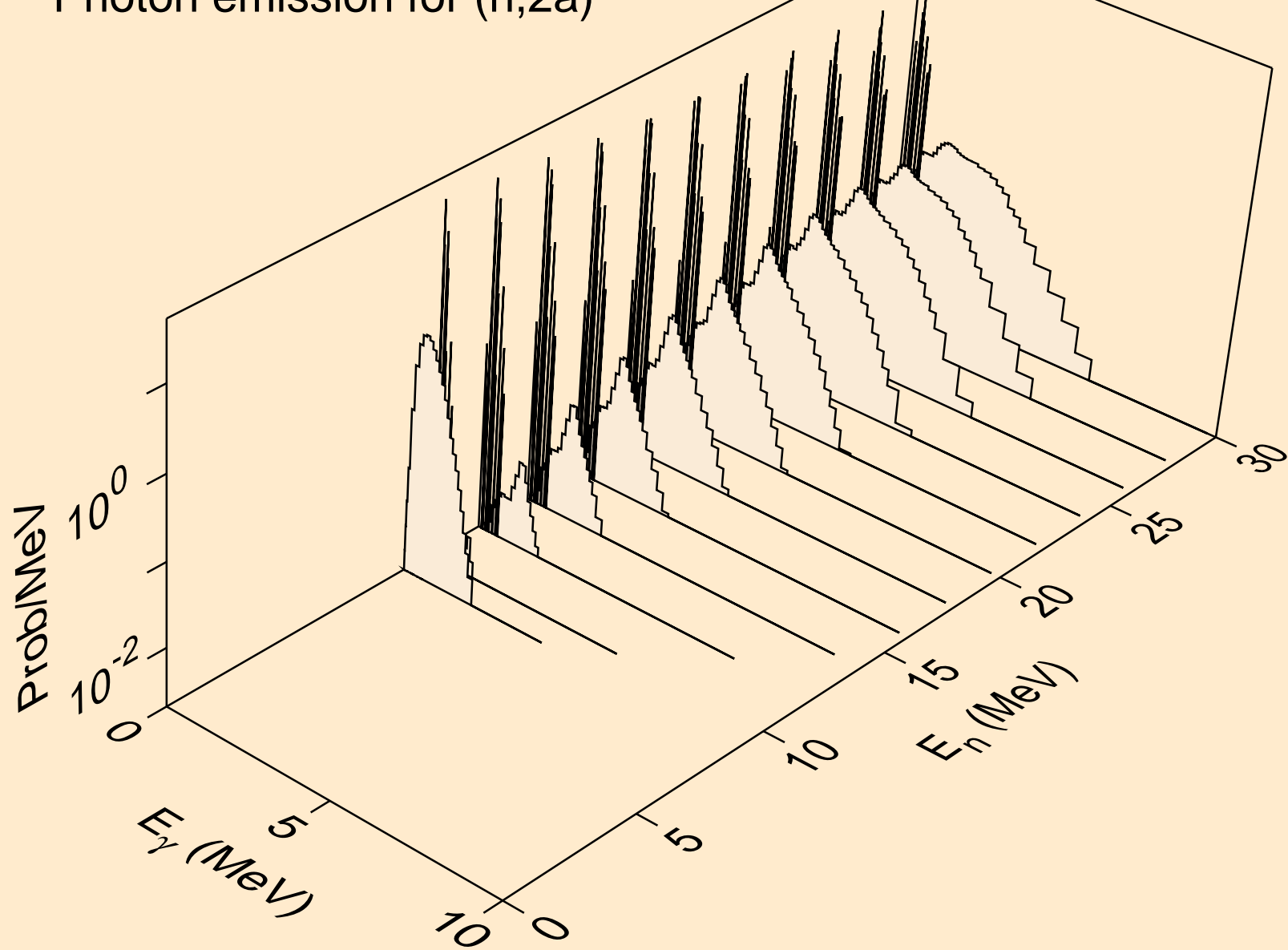
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Photon emission for (n,he3)



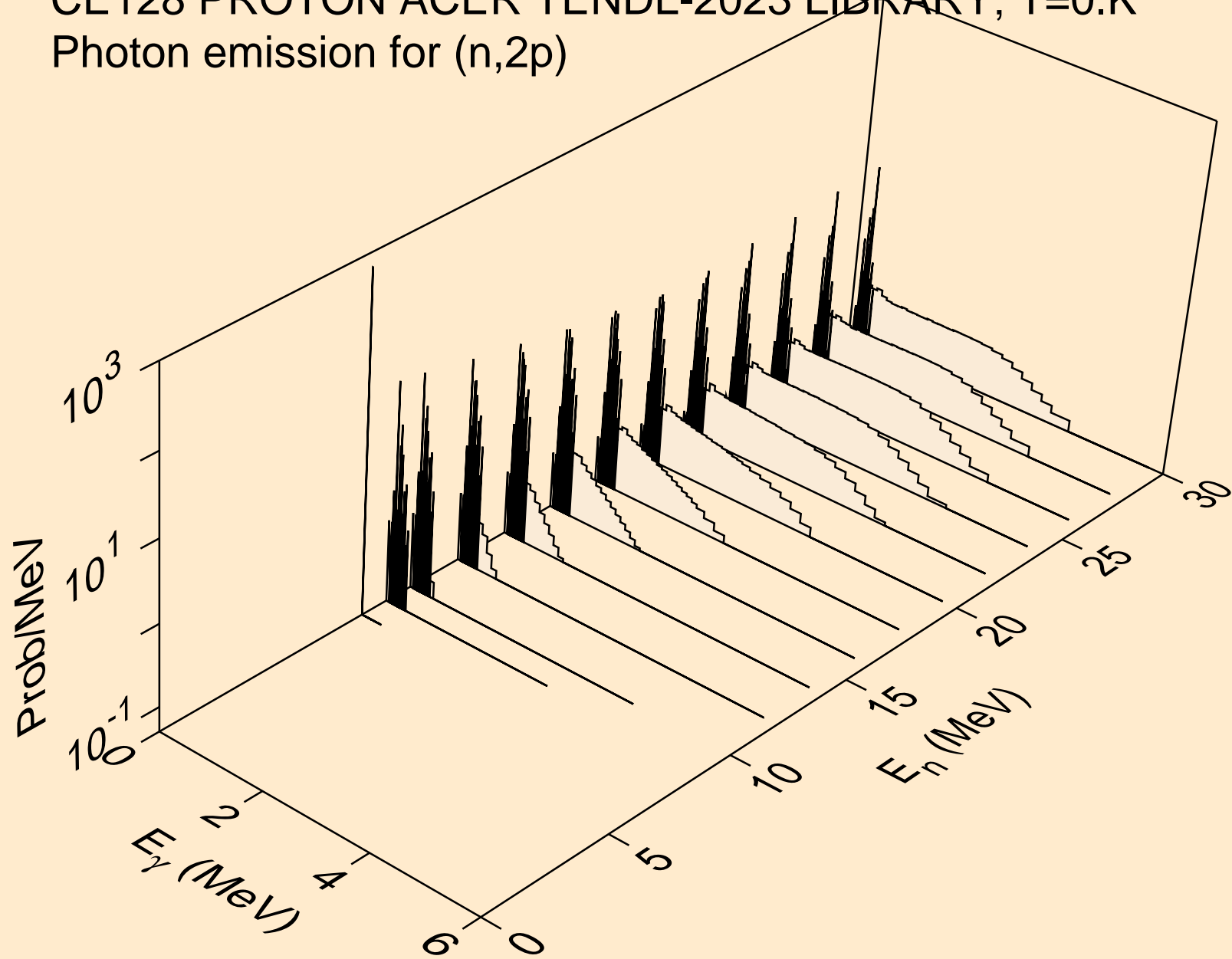
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Photon emission for (n,a)



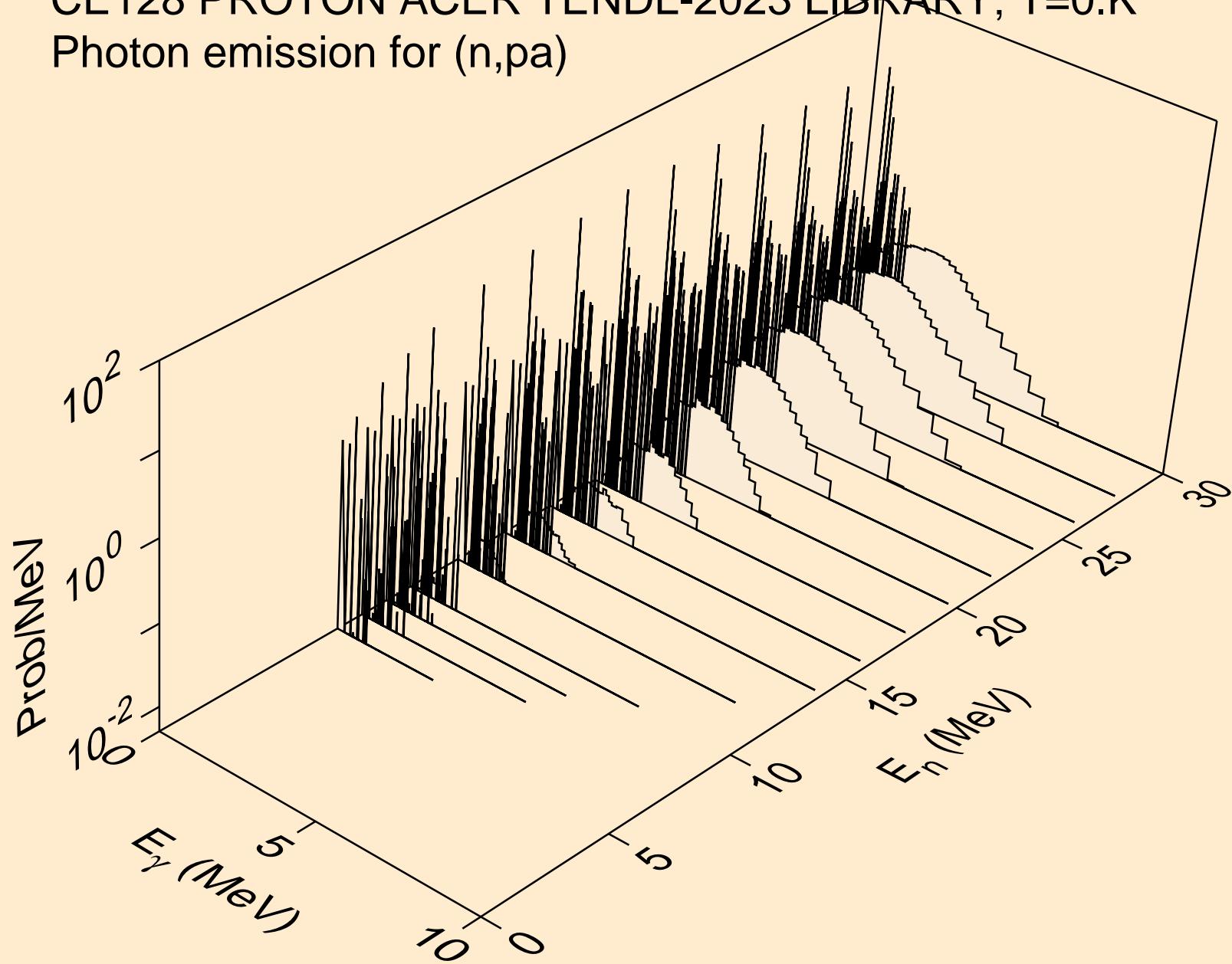
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

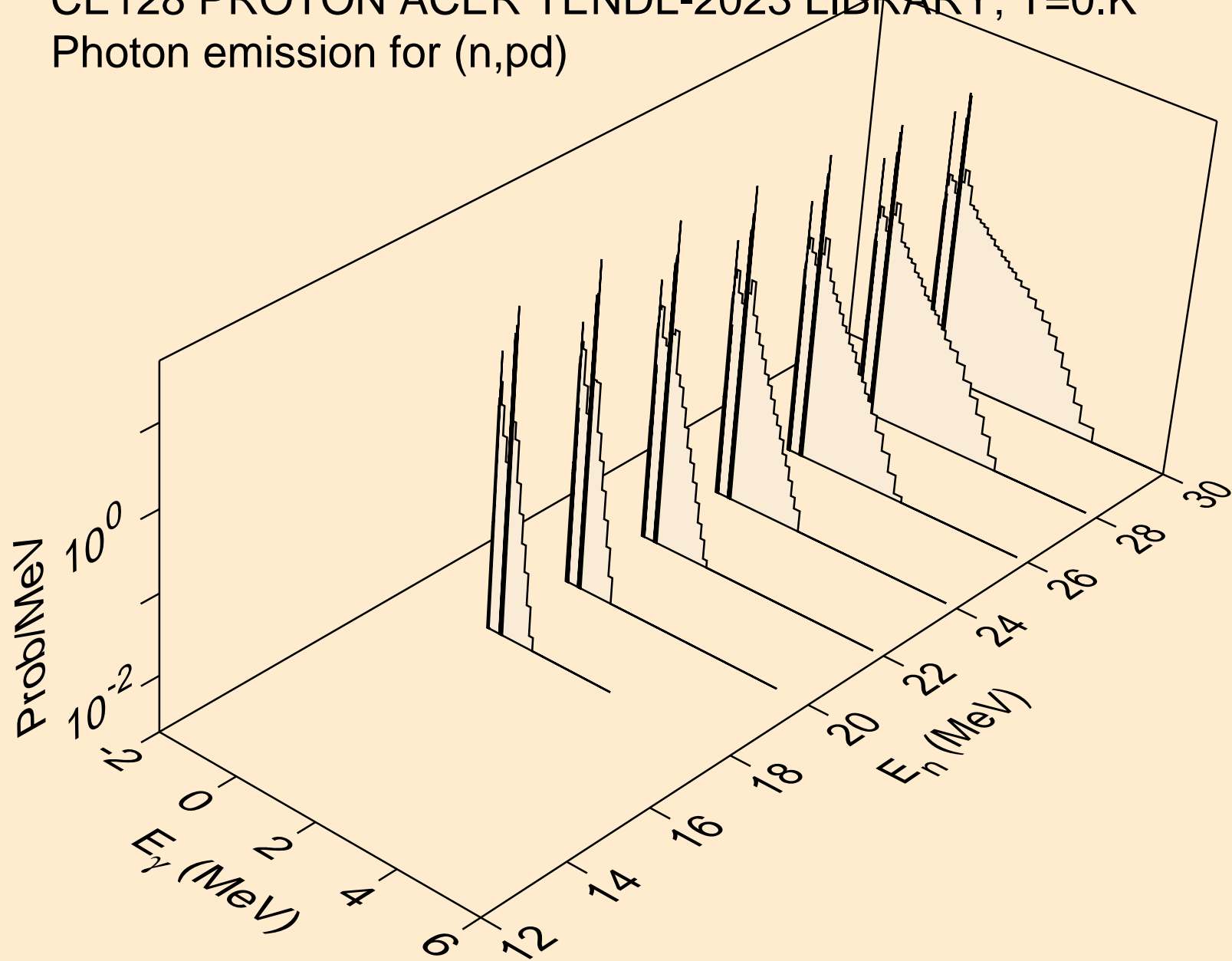


CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

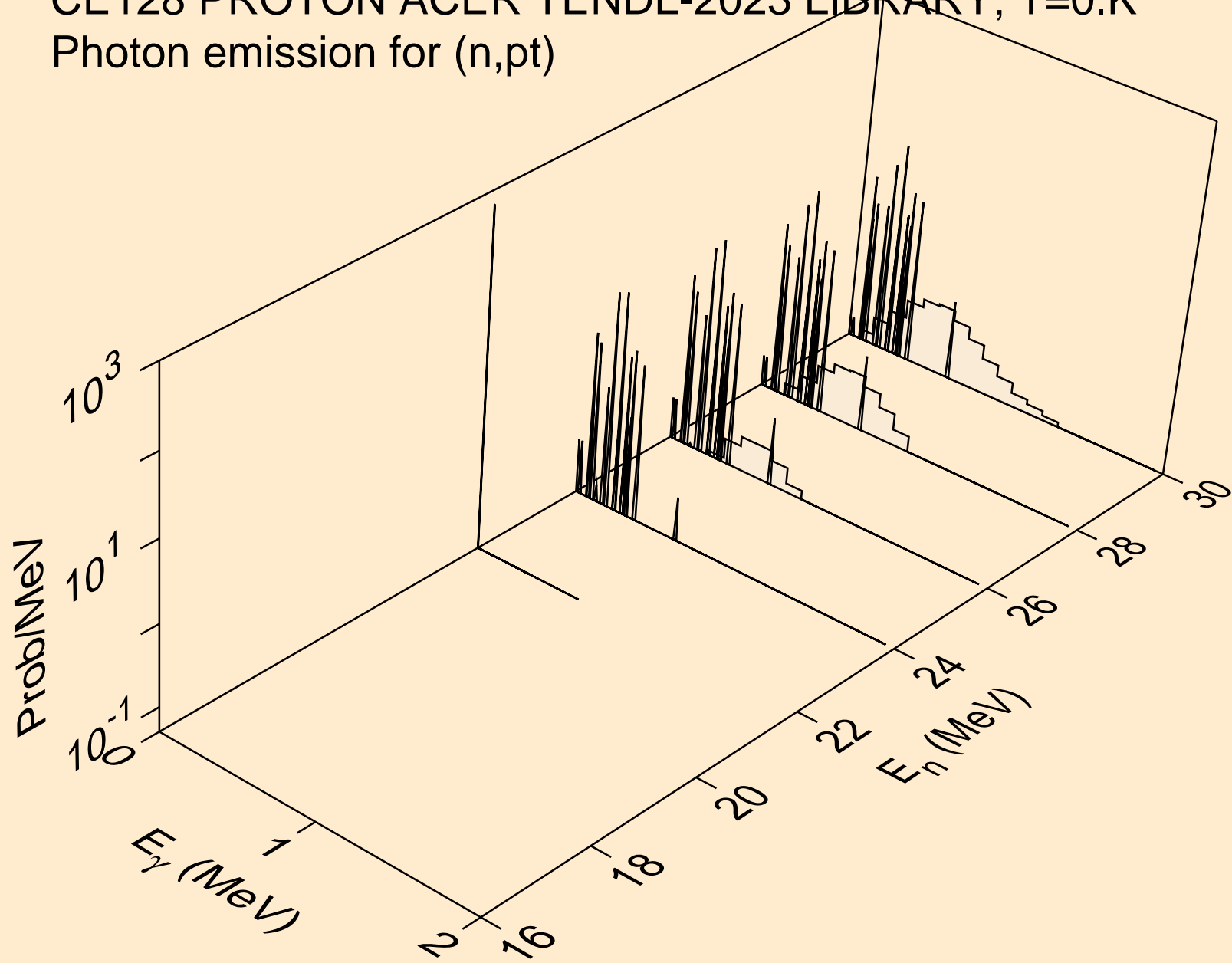




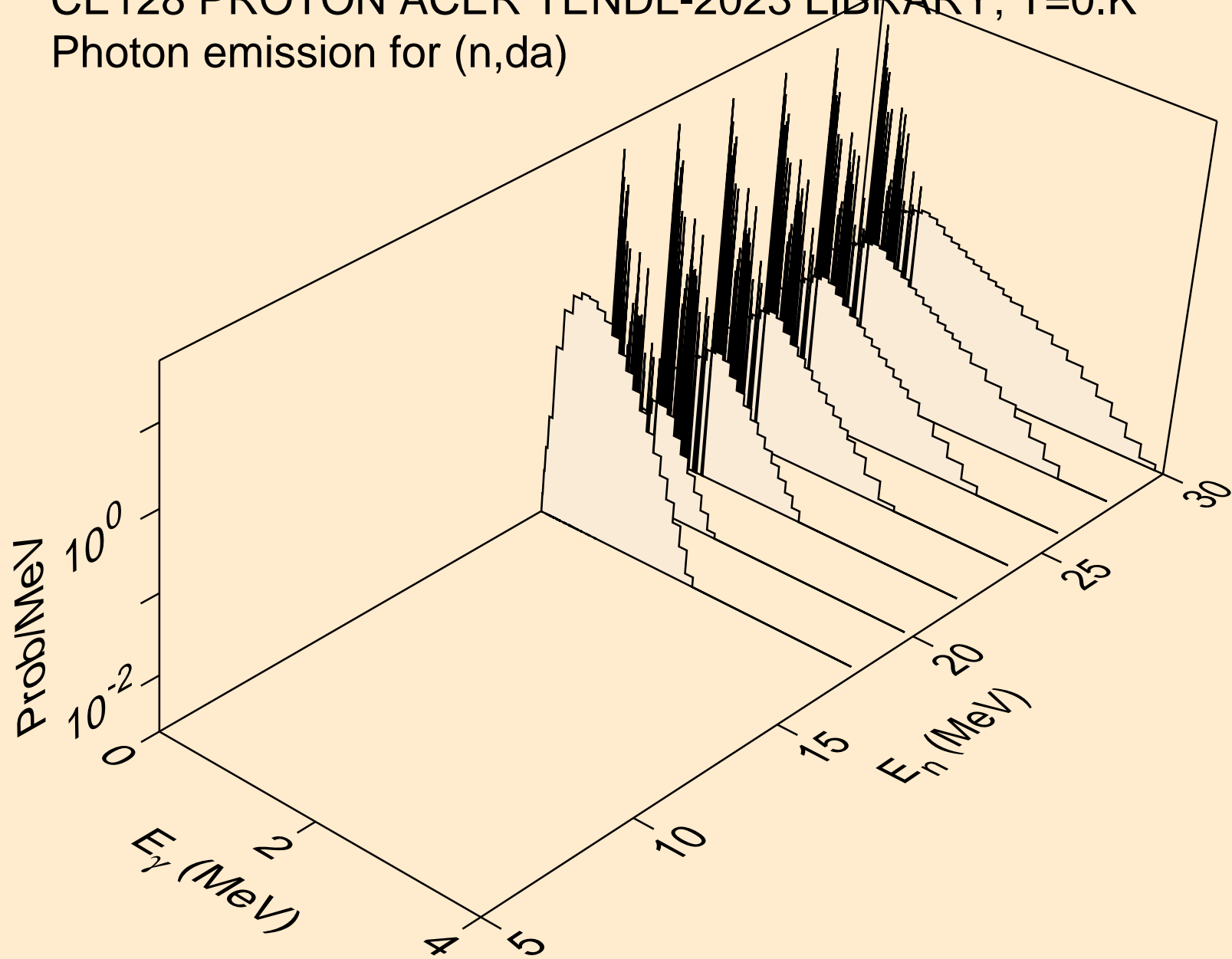
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

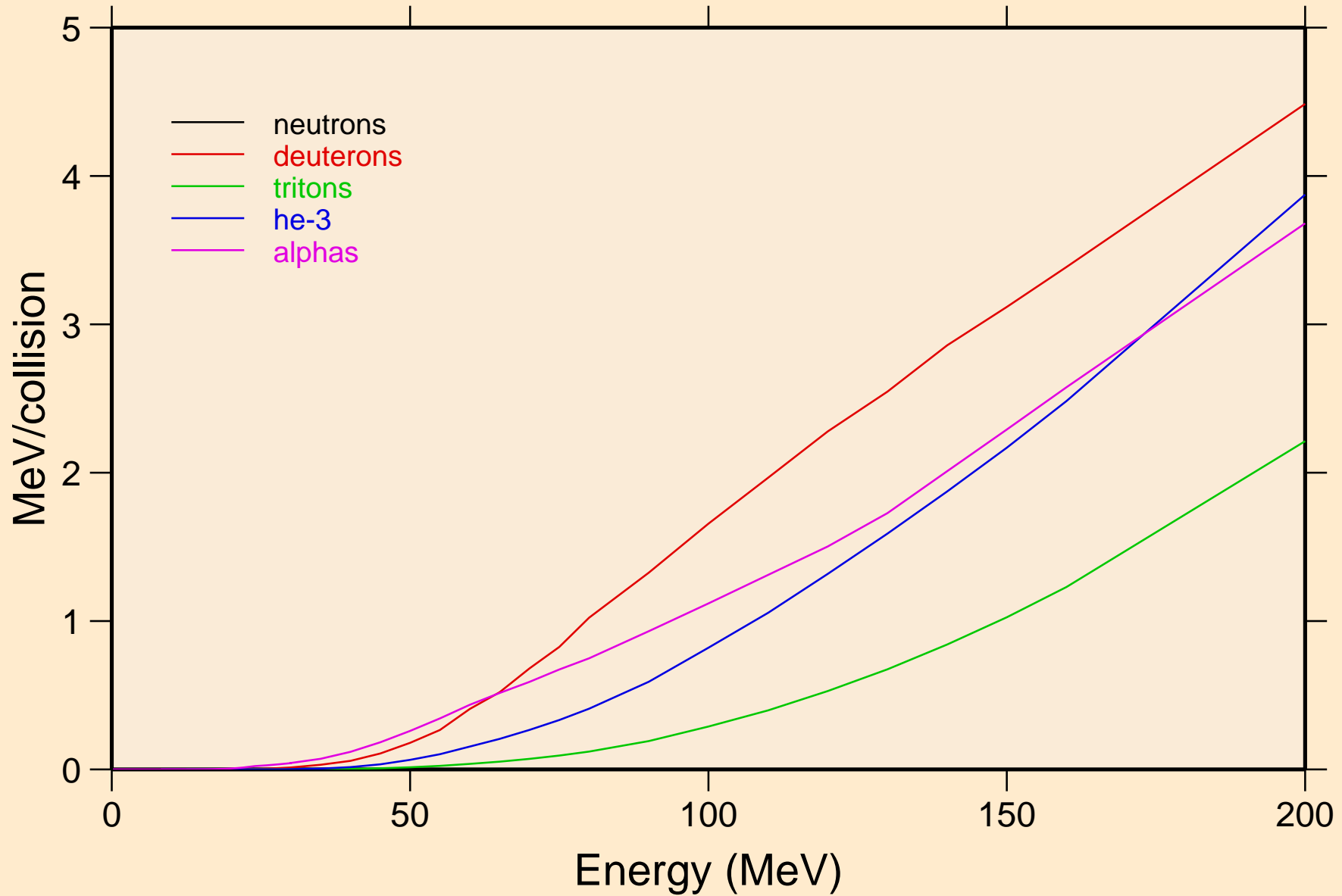


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Photon emission for (n,da)



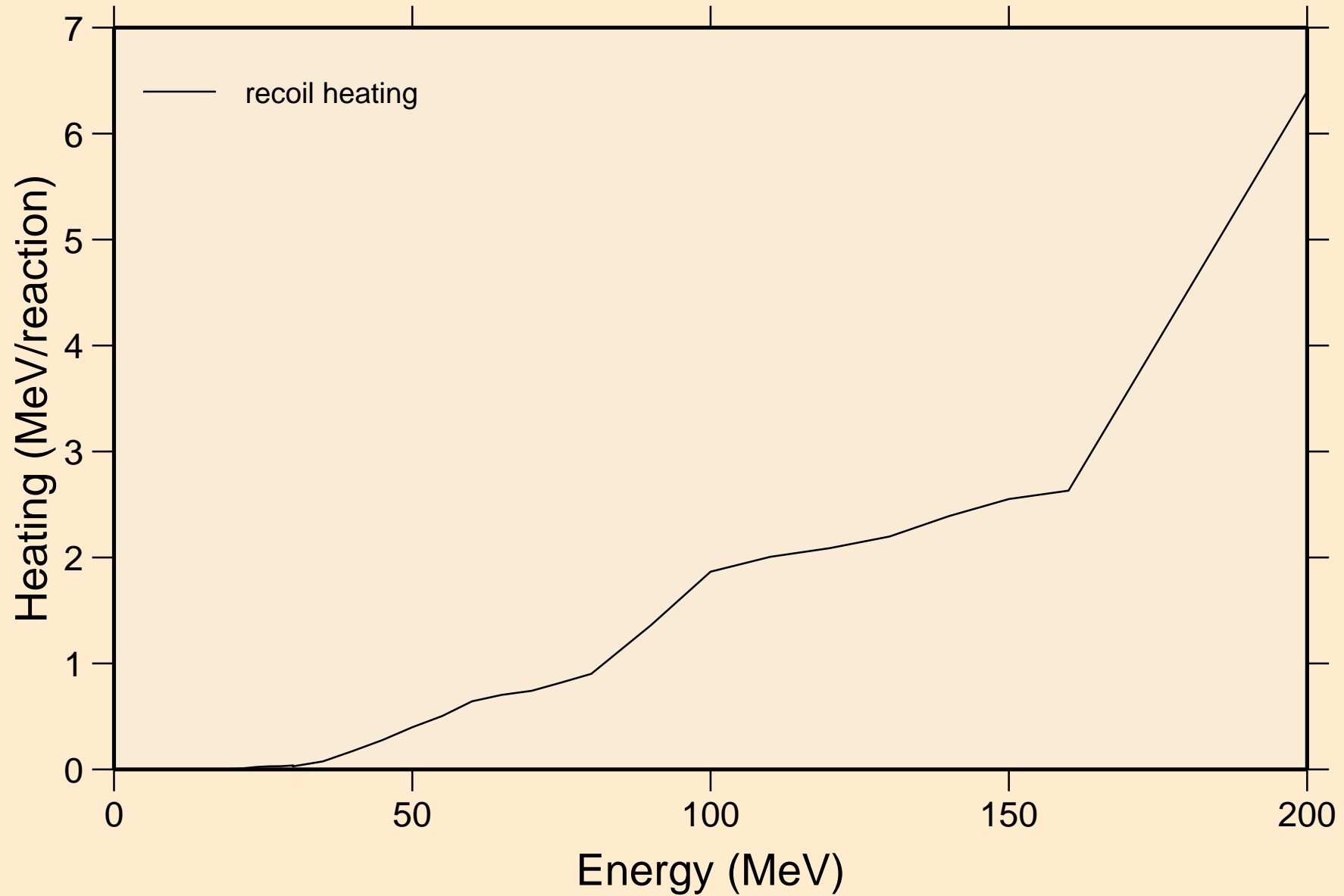
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## Particle heating contributions



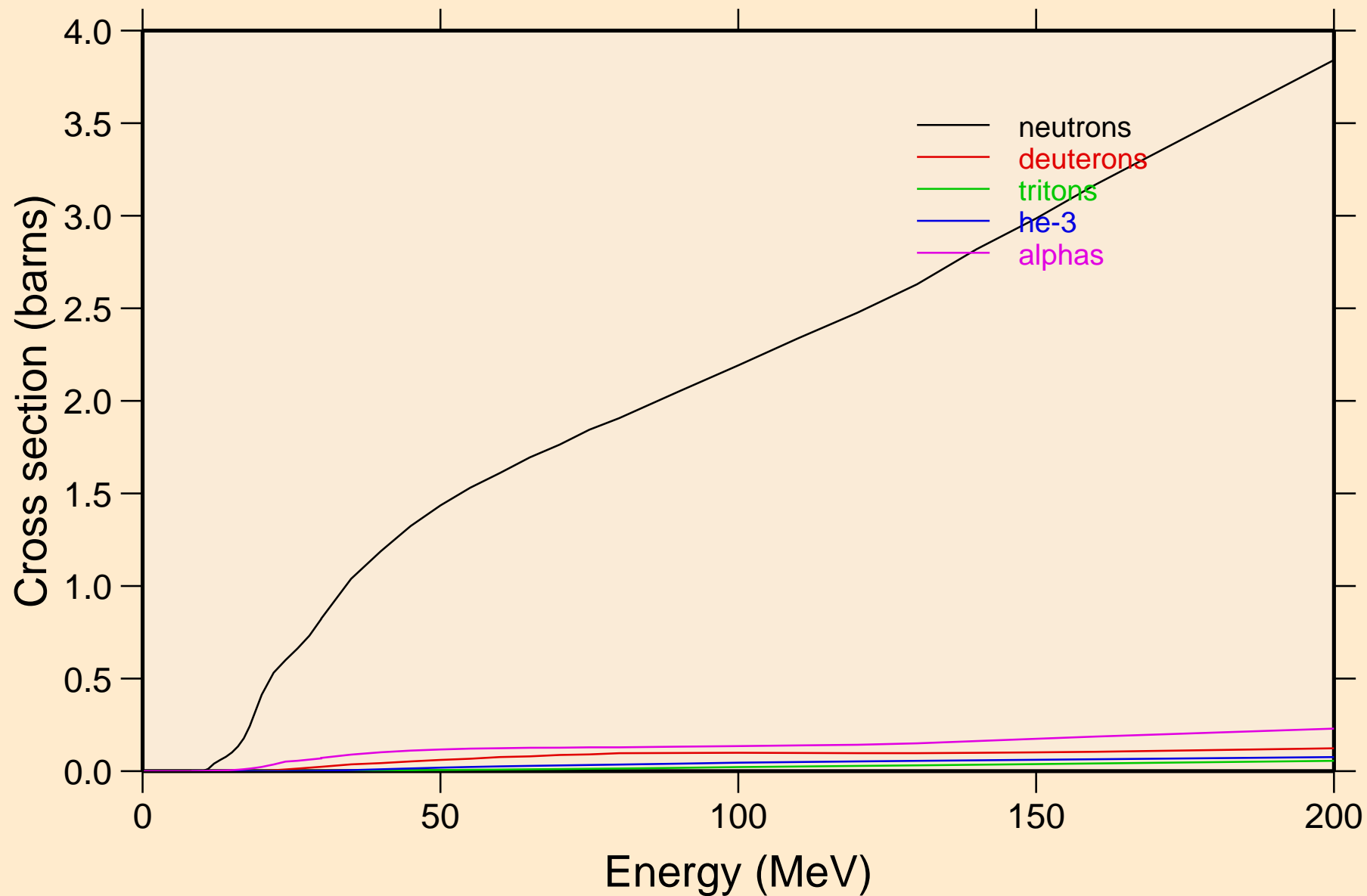
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## Recoil Heating

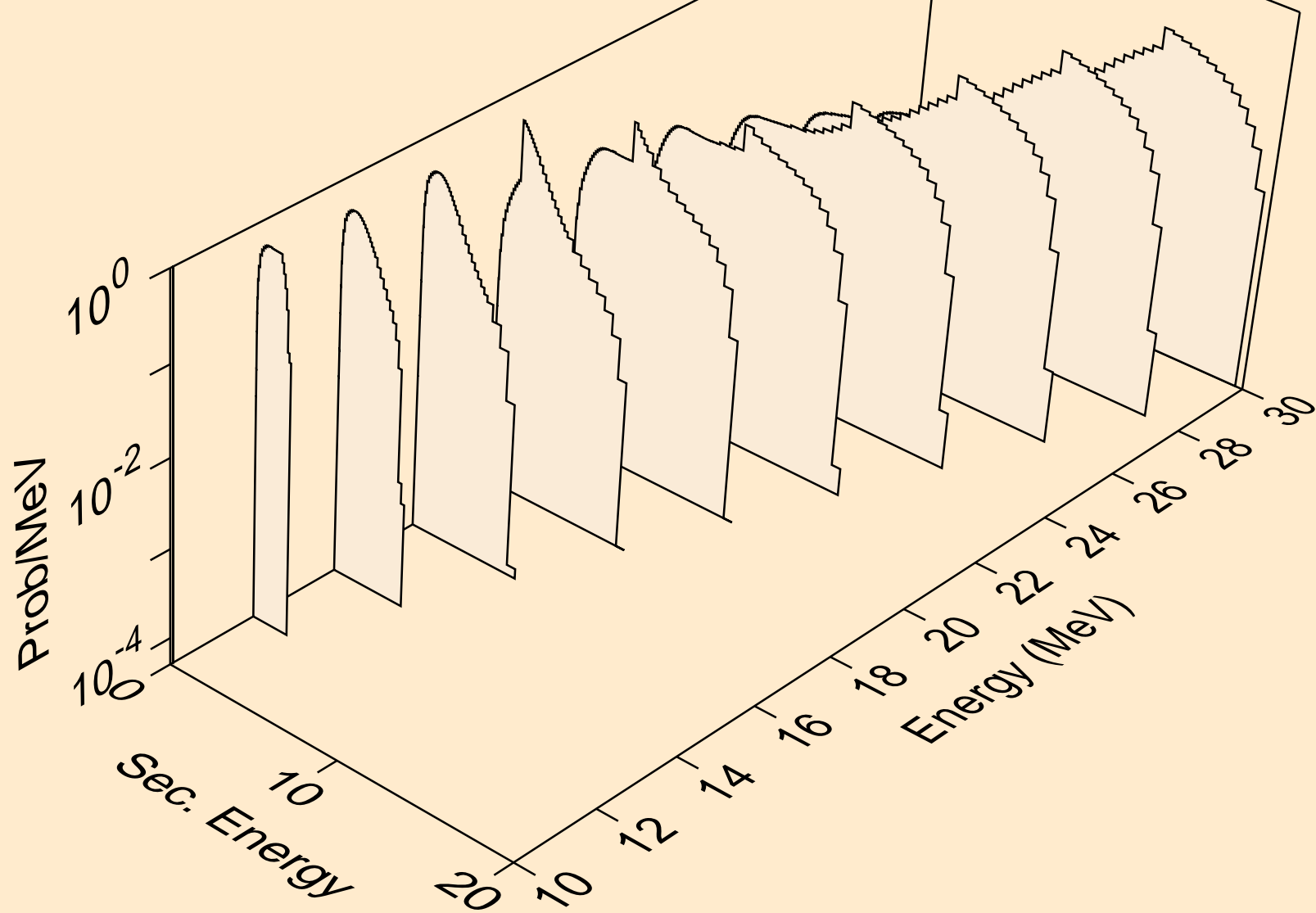


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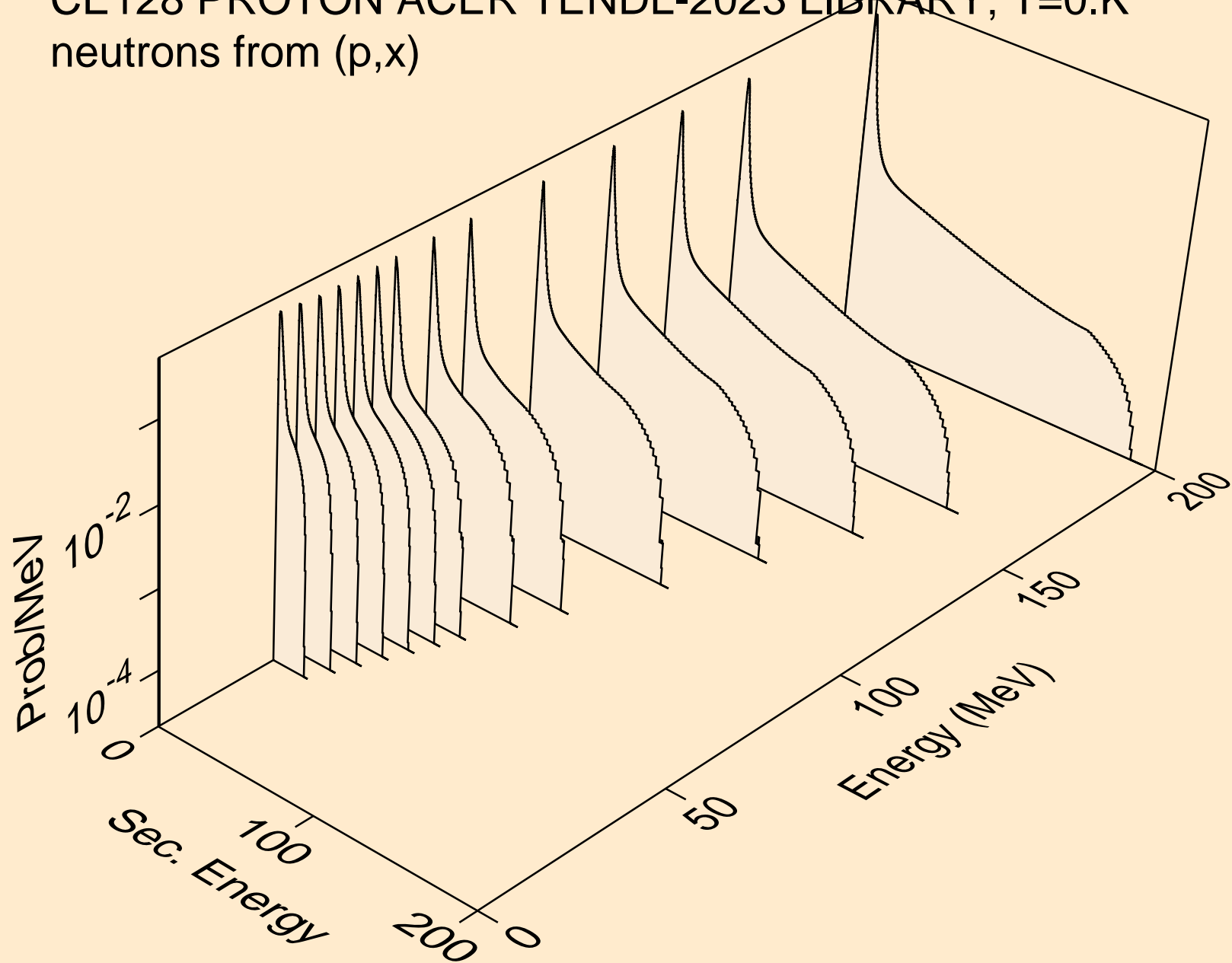
## Particle production cross sections



CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)

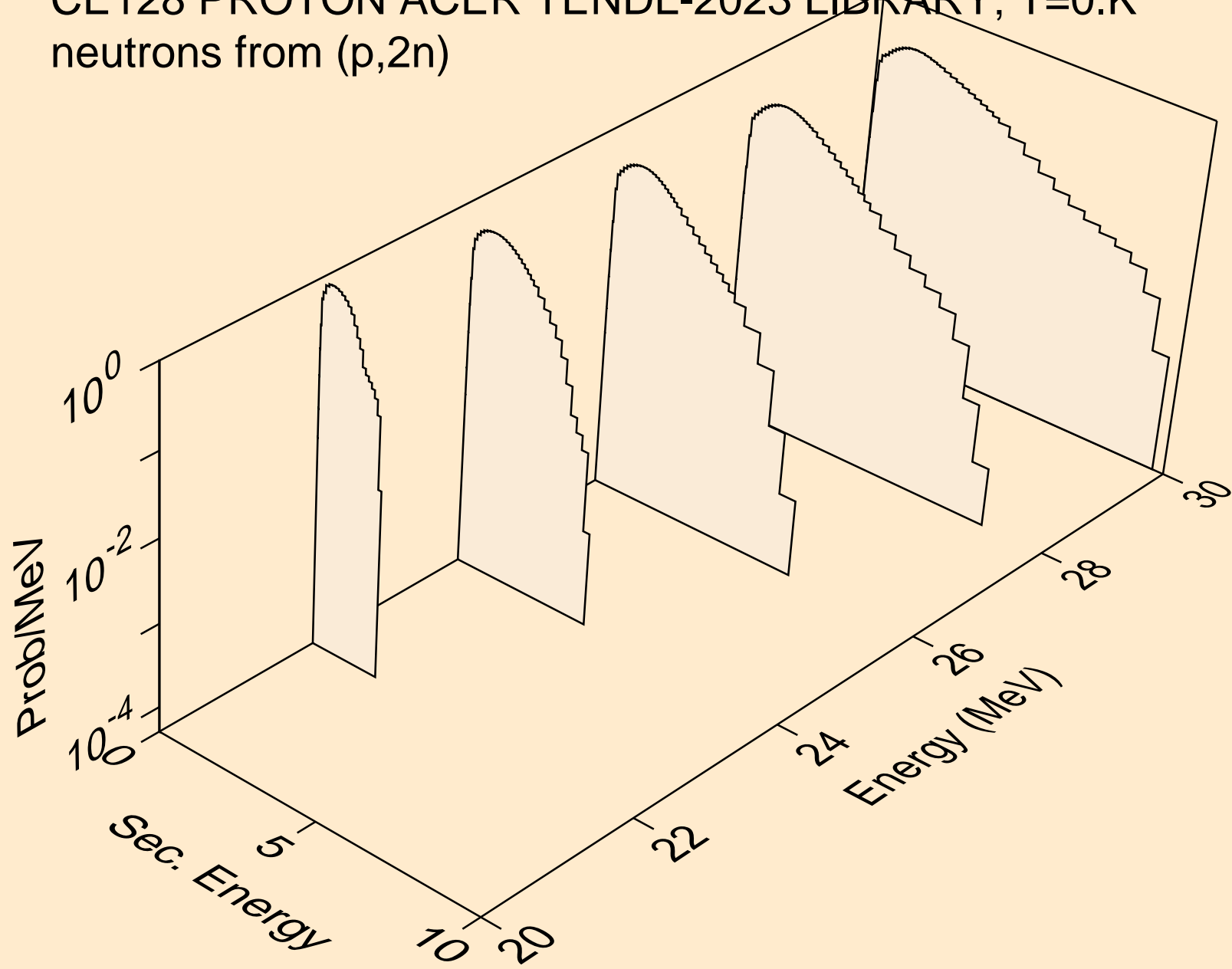


CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

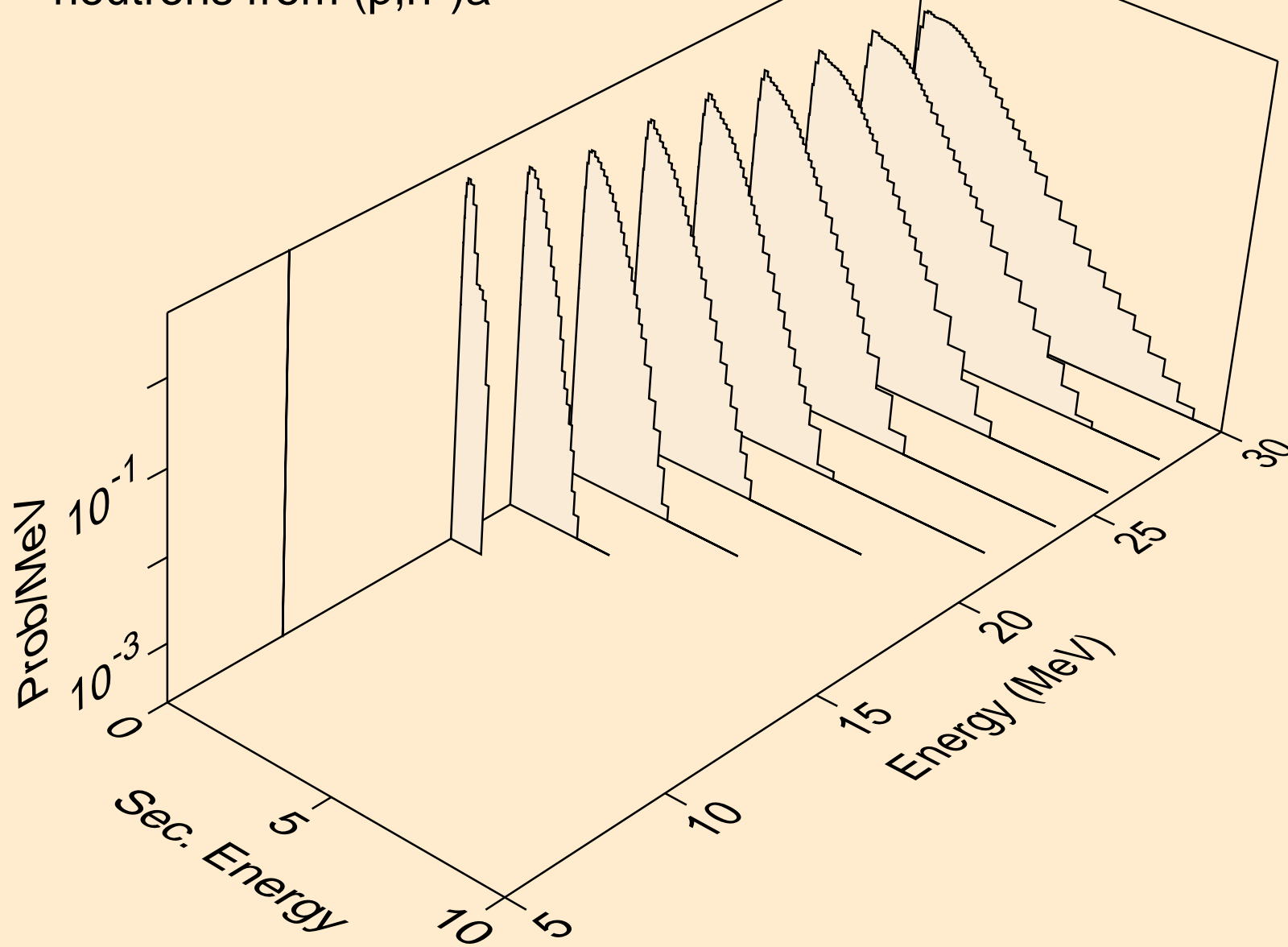




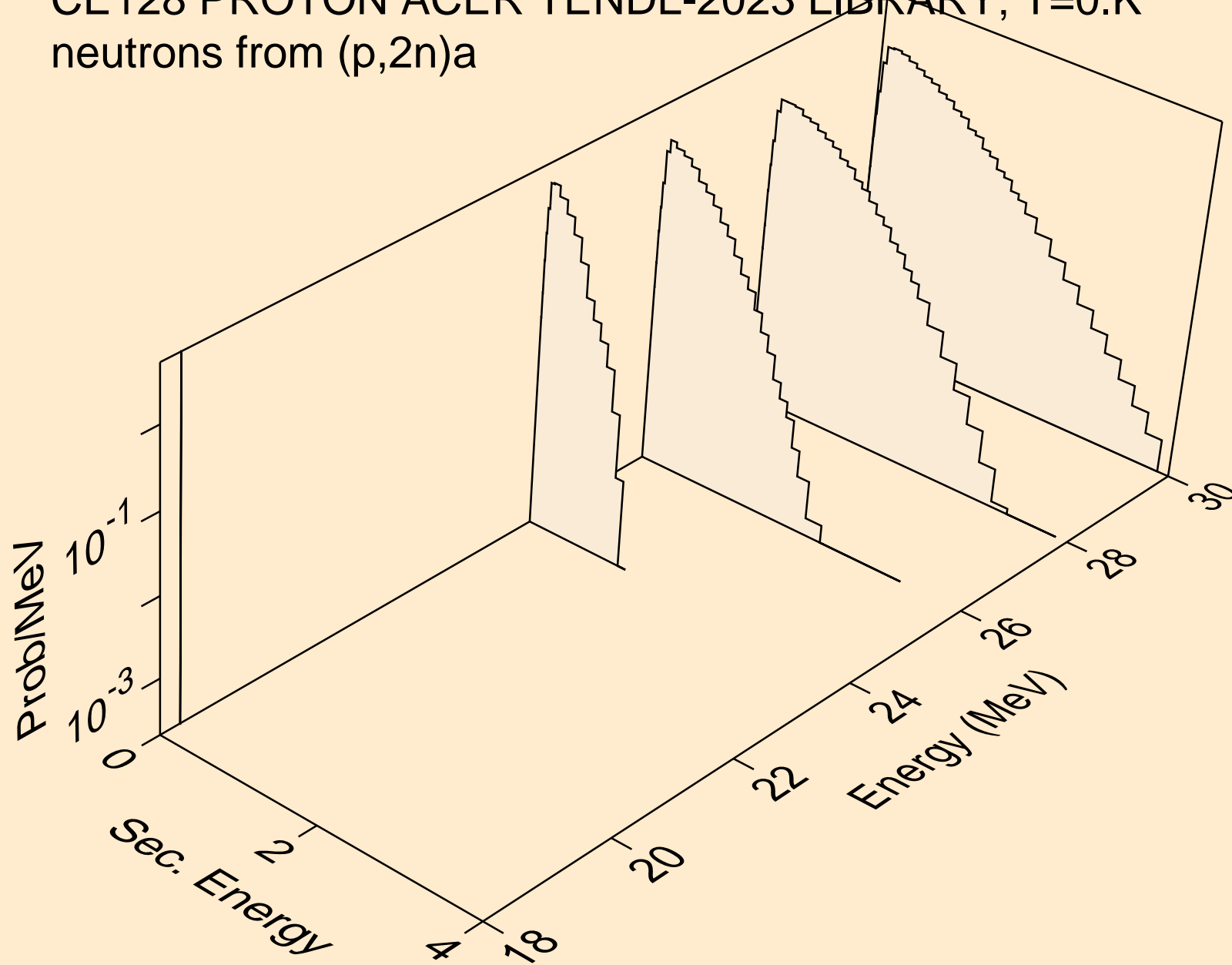
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



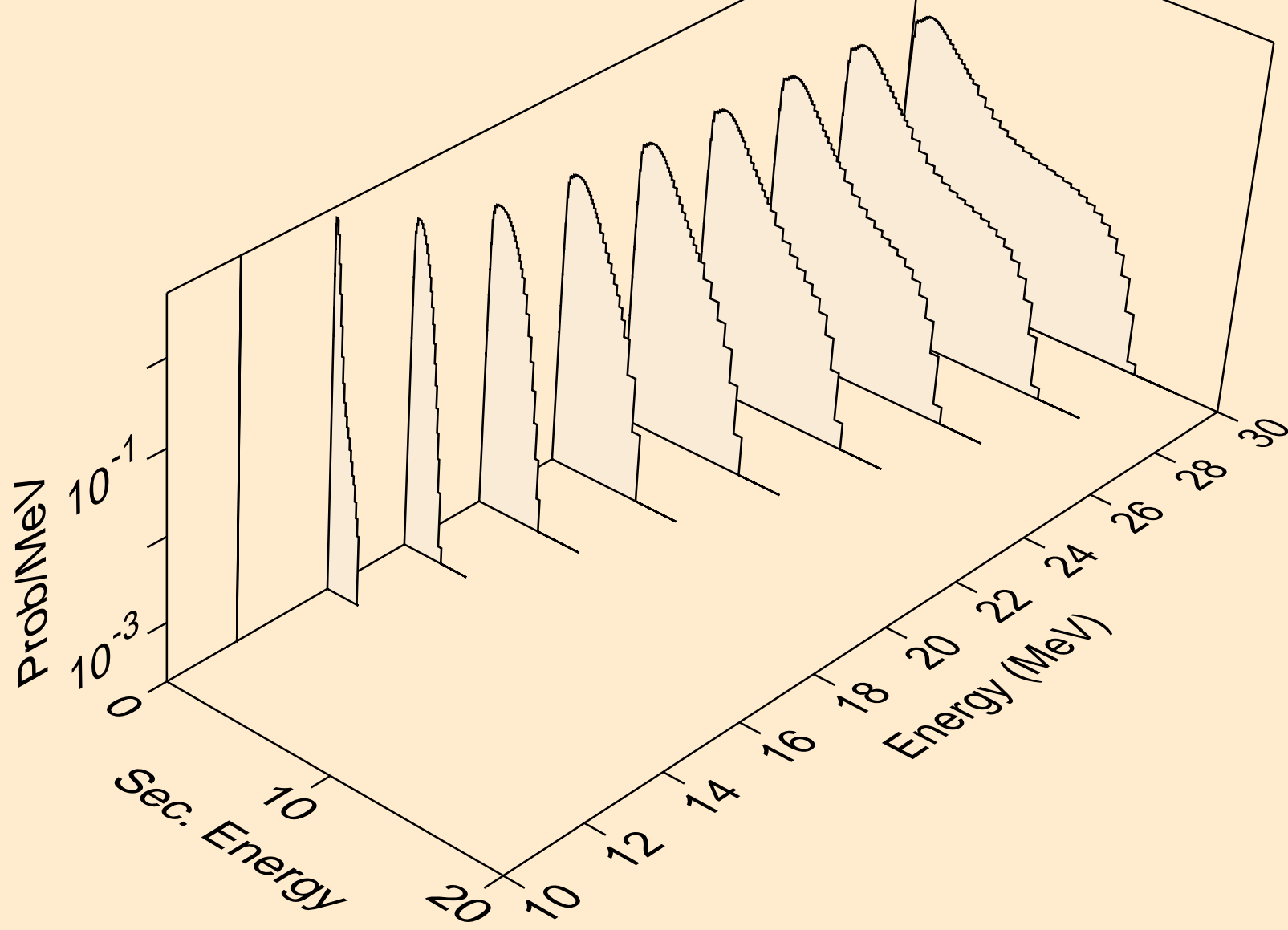
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



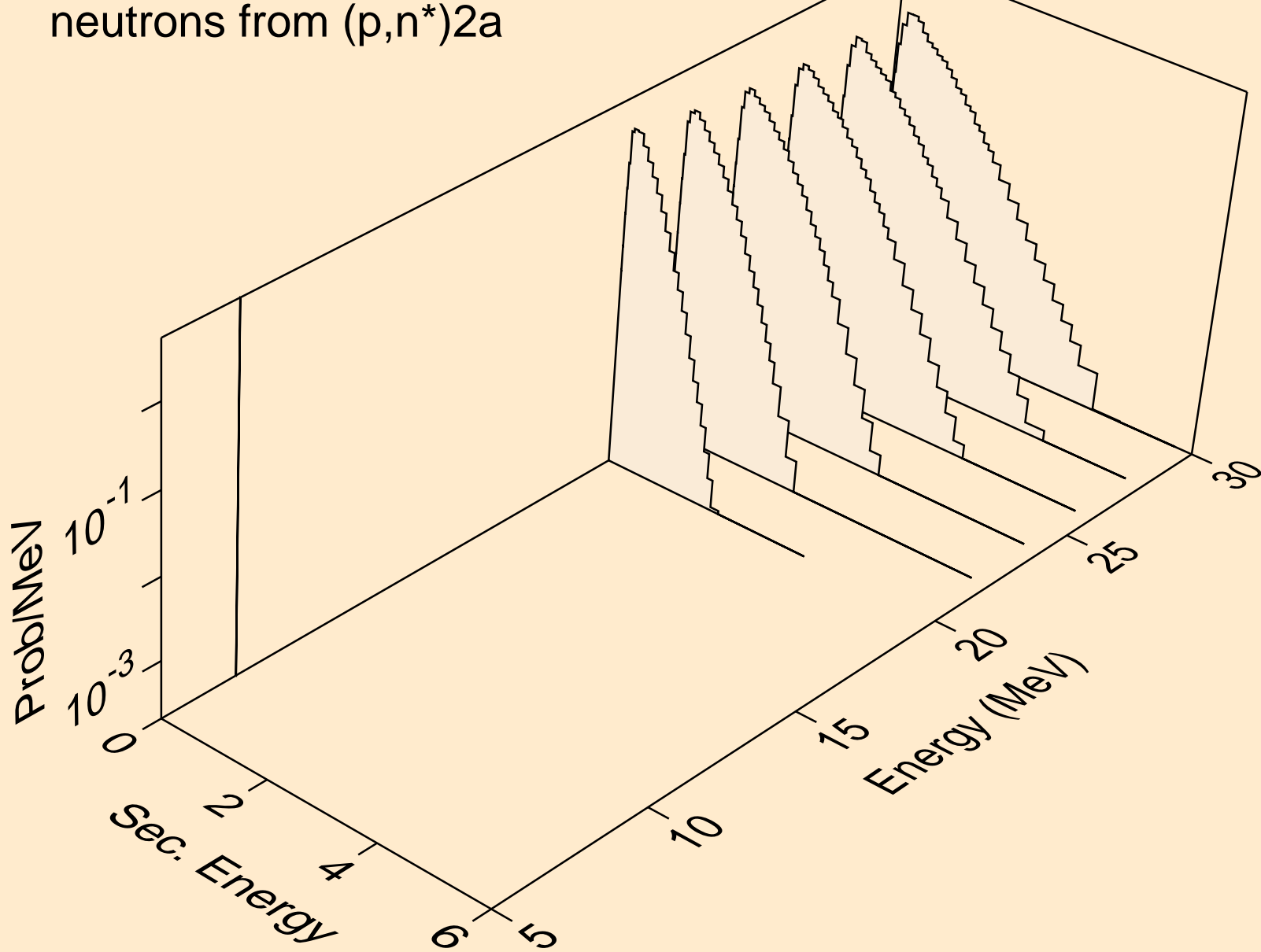
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neutrons from (p,2n)a



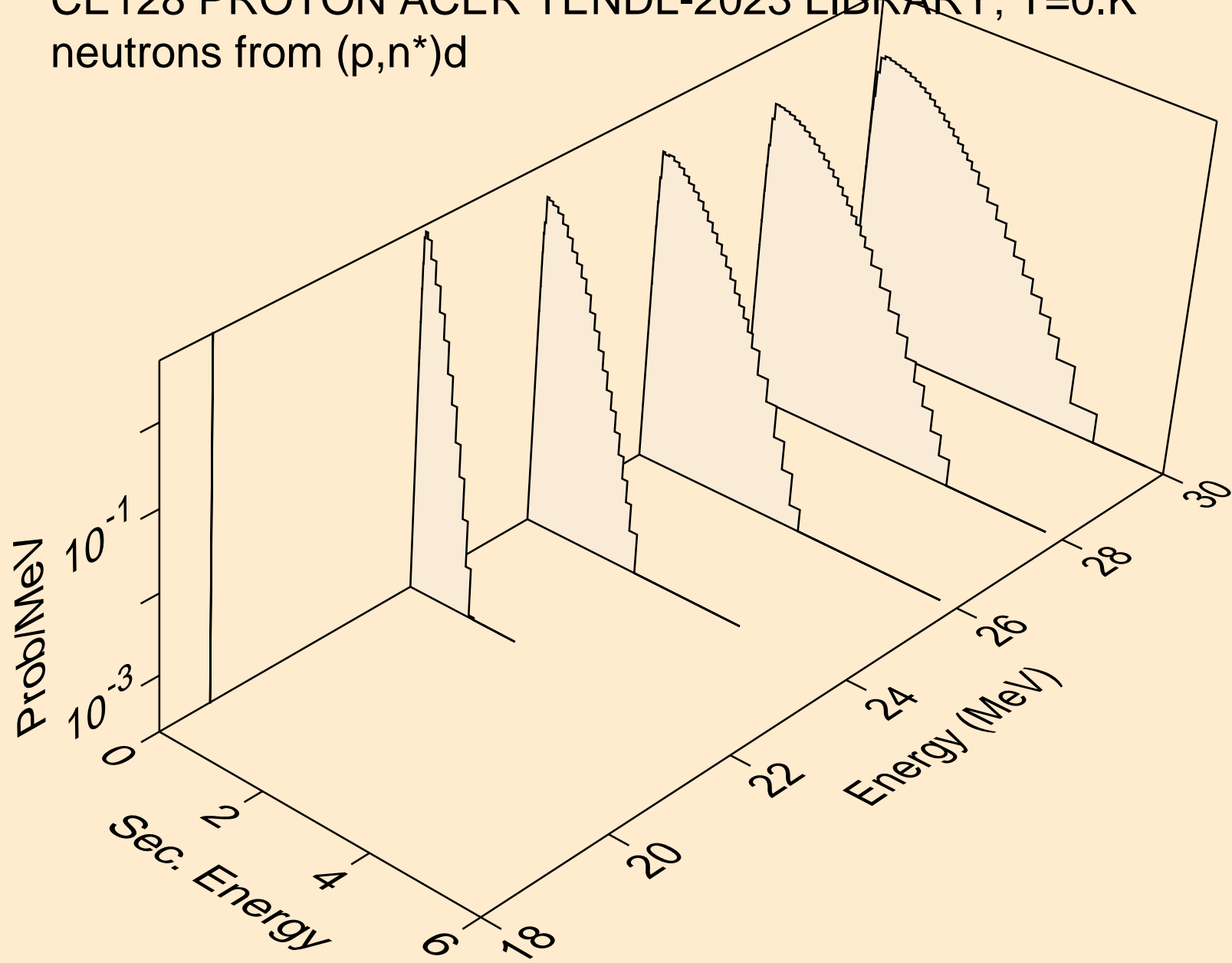
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neutrons from (p,n\*)p



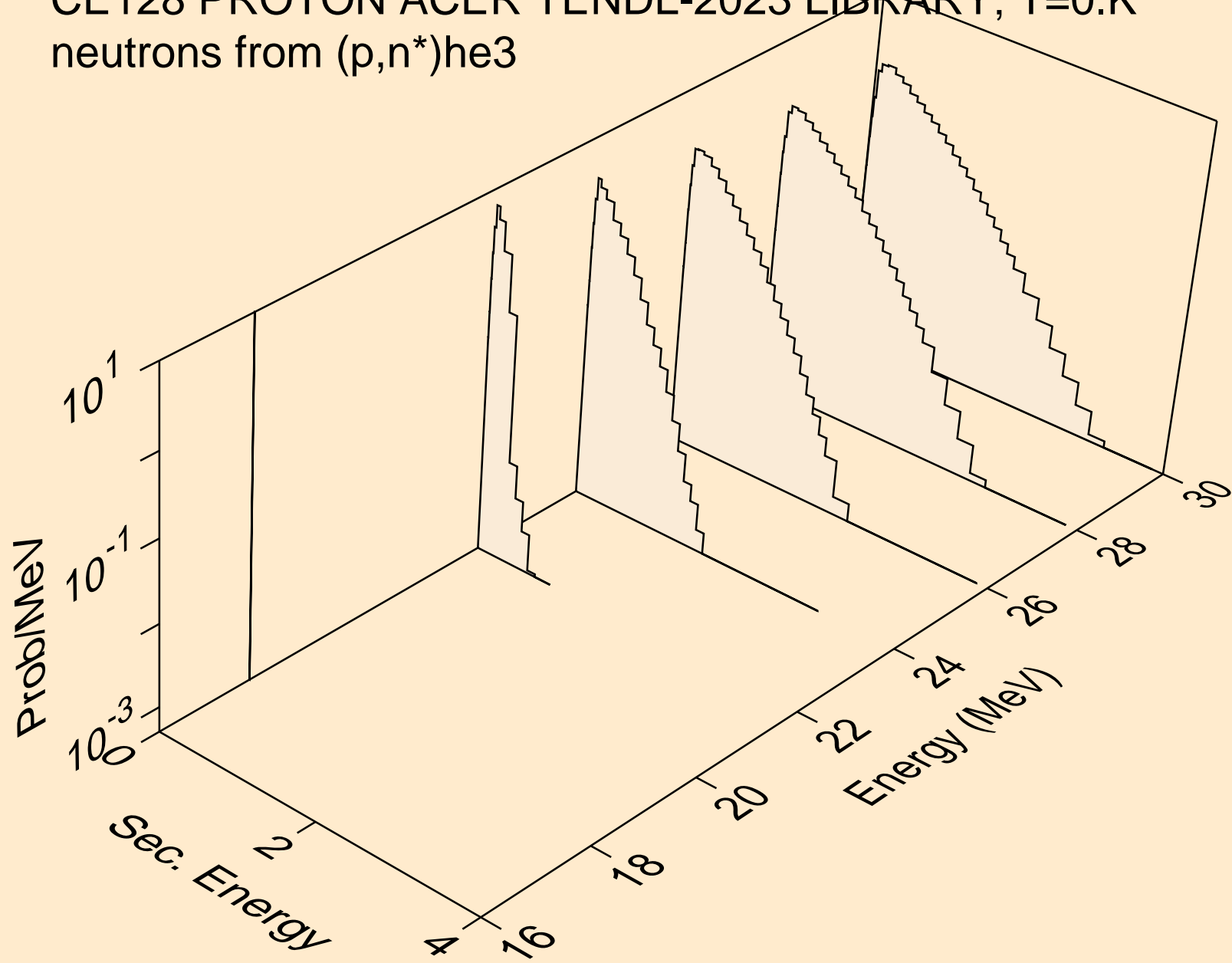
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neutrons from (p,n\*)2a



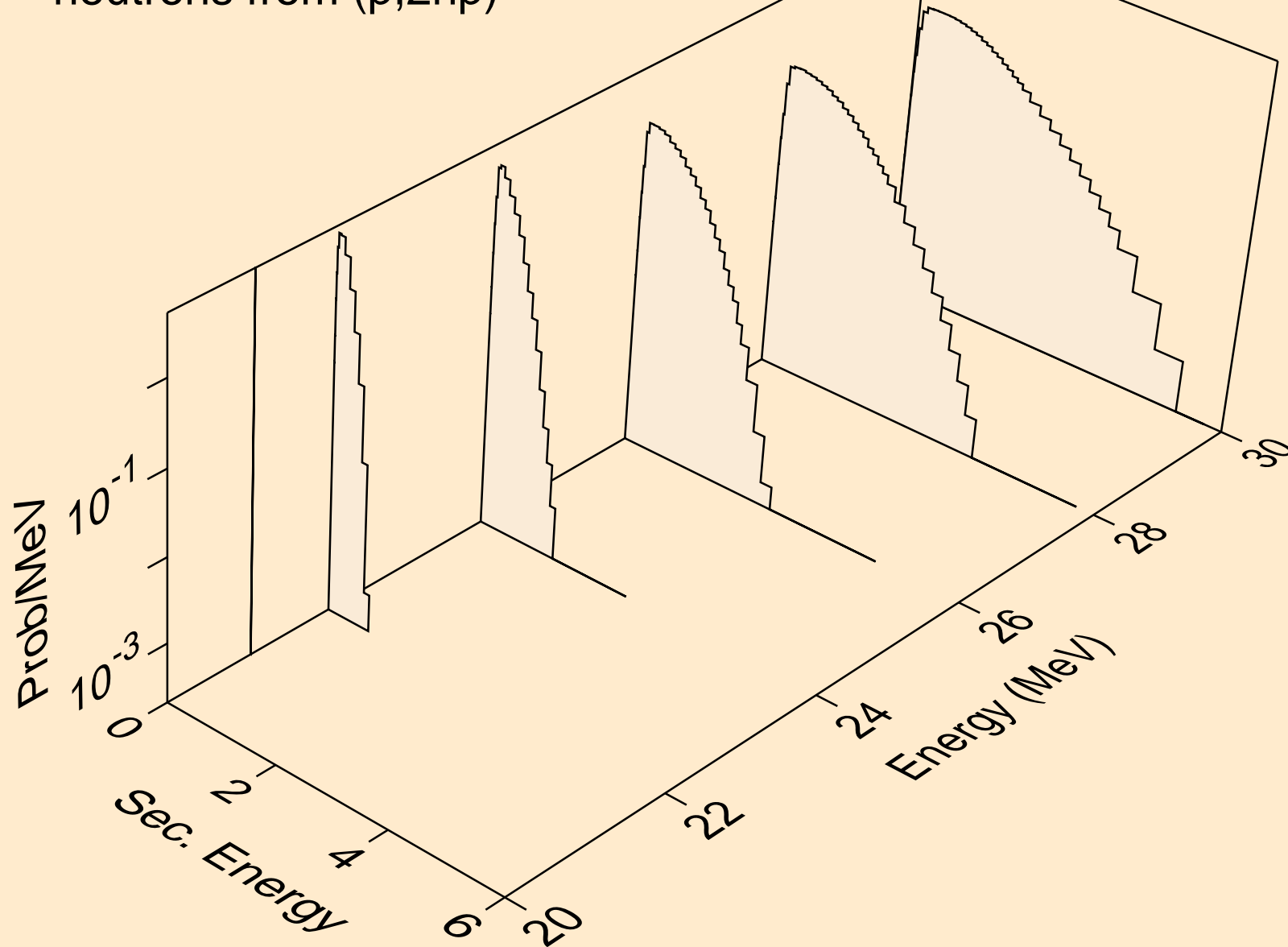
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

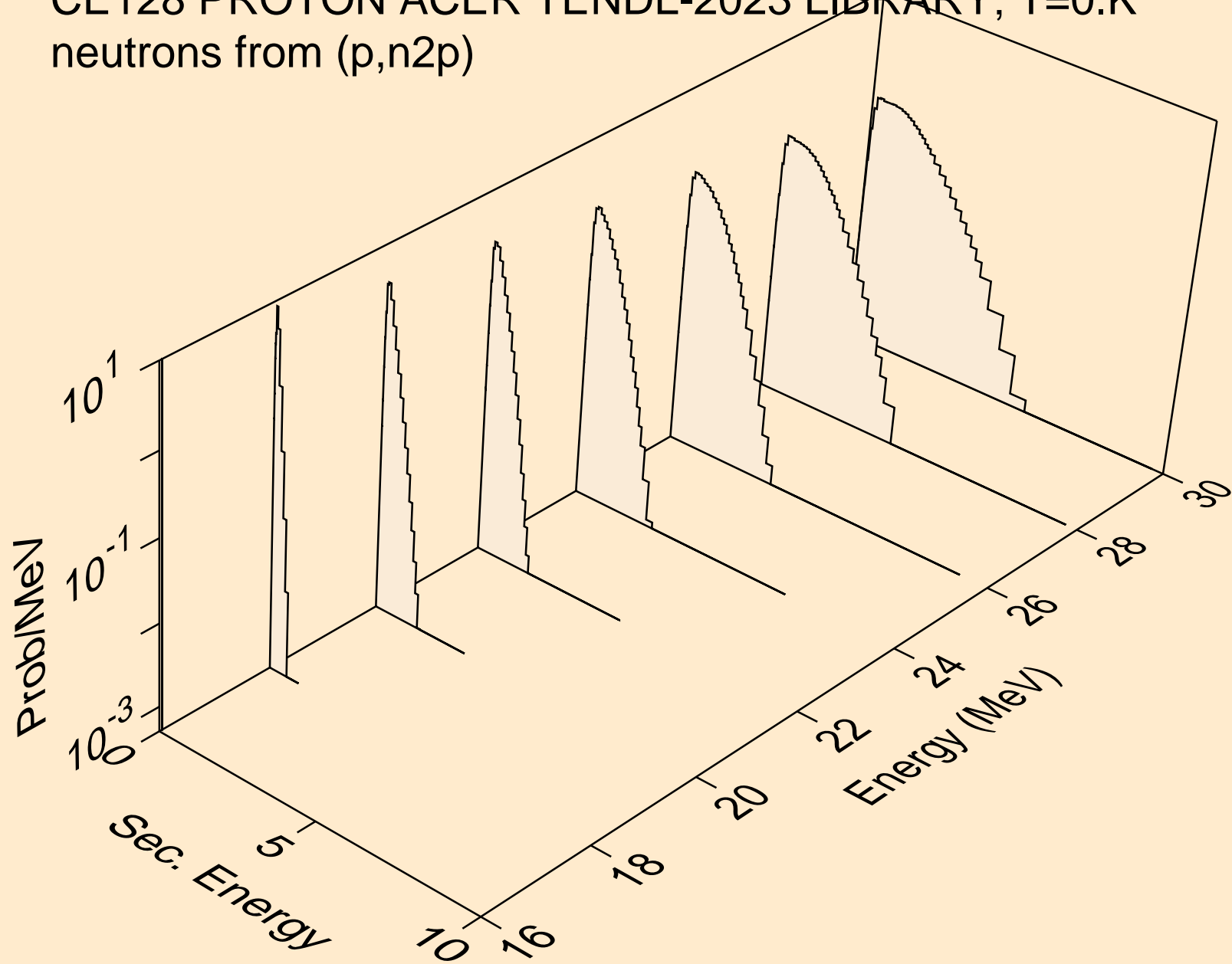


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neutrons from (p,2np)

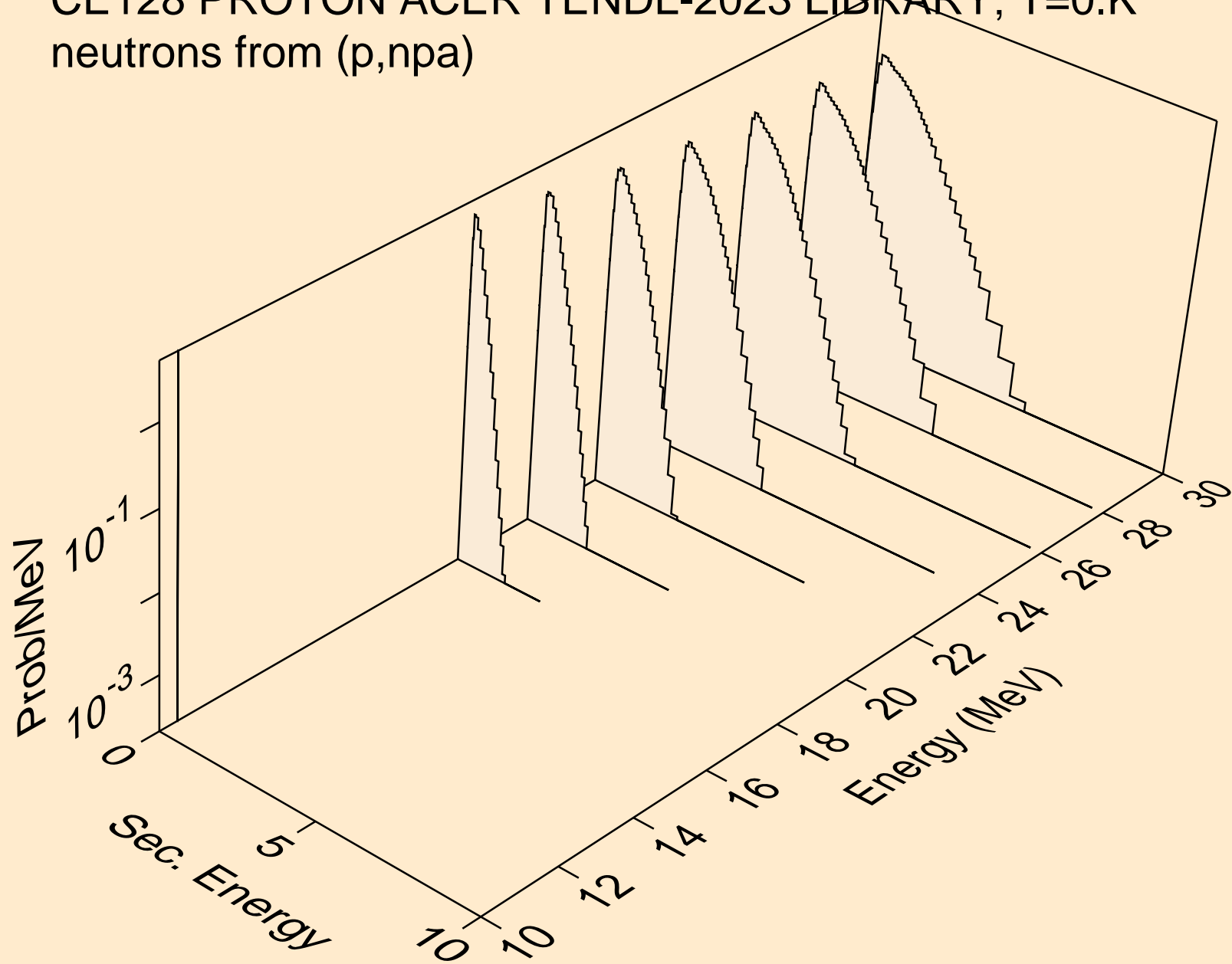




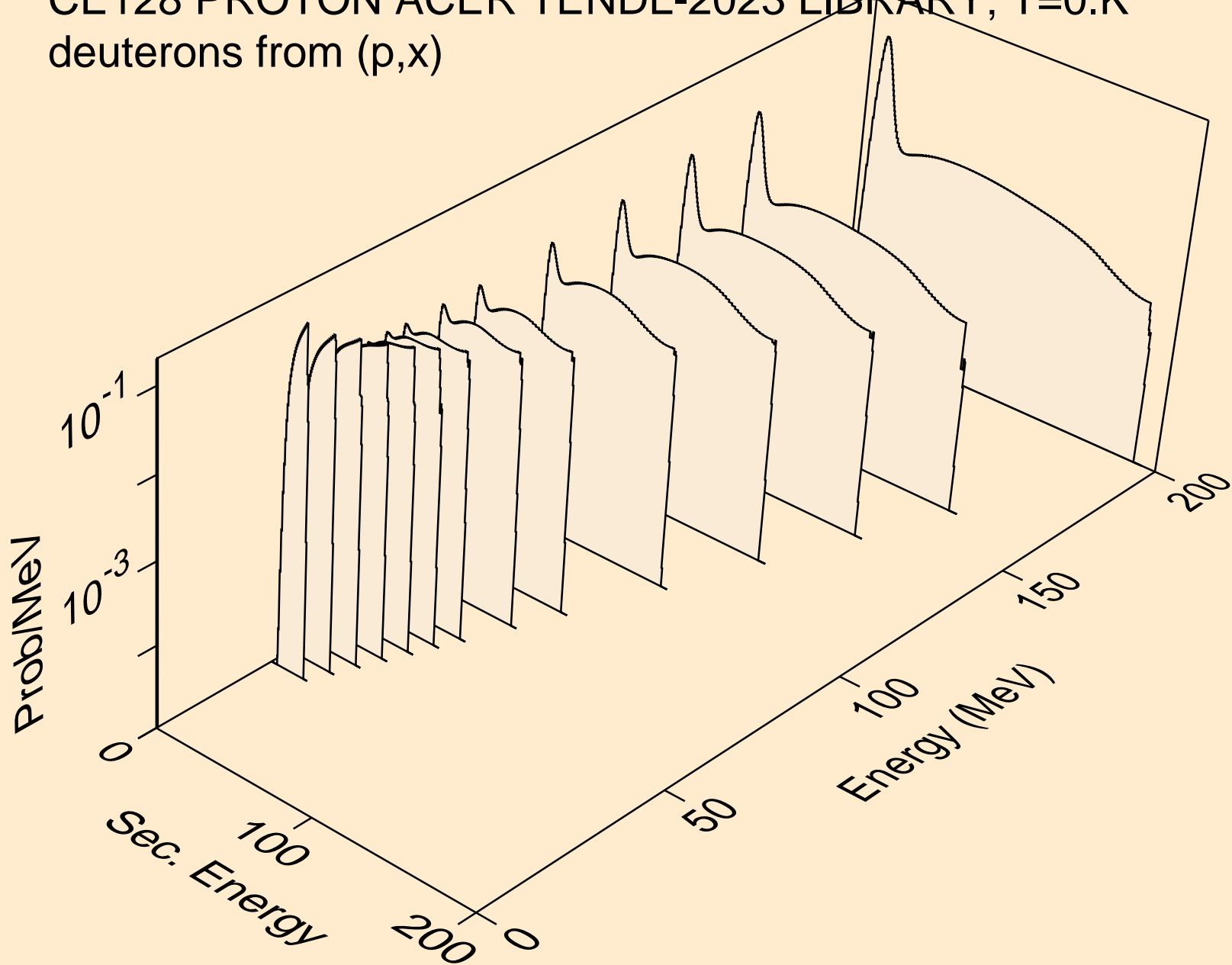
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neutrons from (p,n2p)



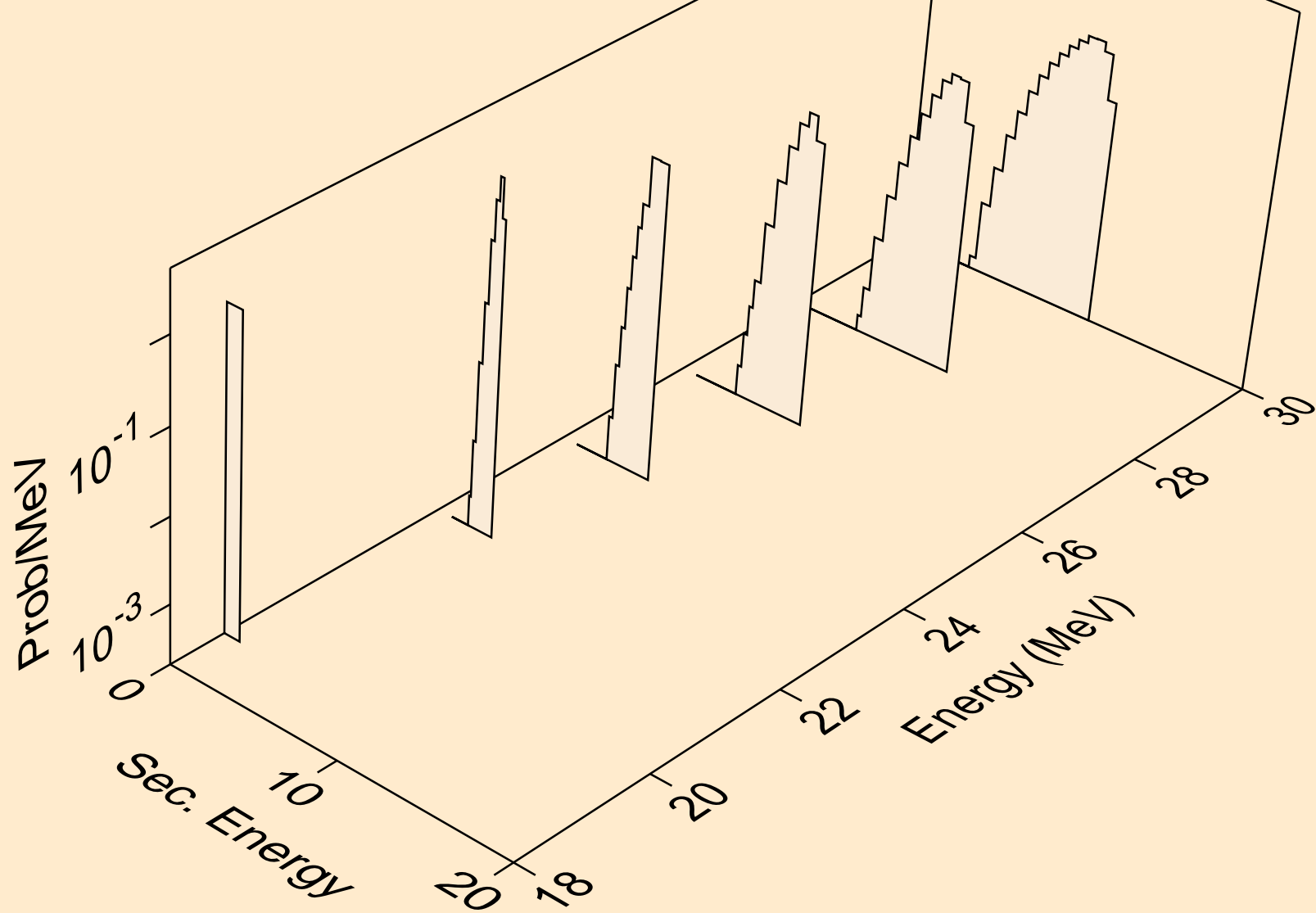
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neutrons from (p,npa)



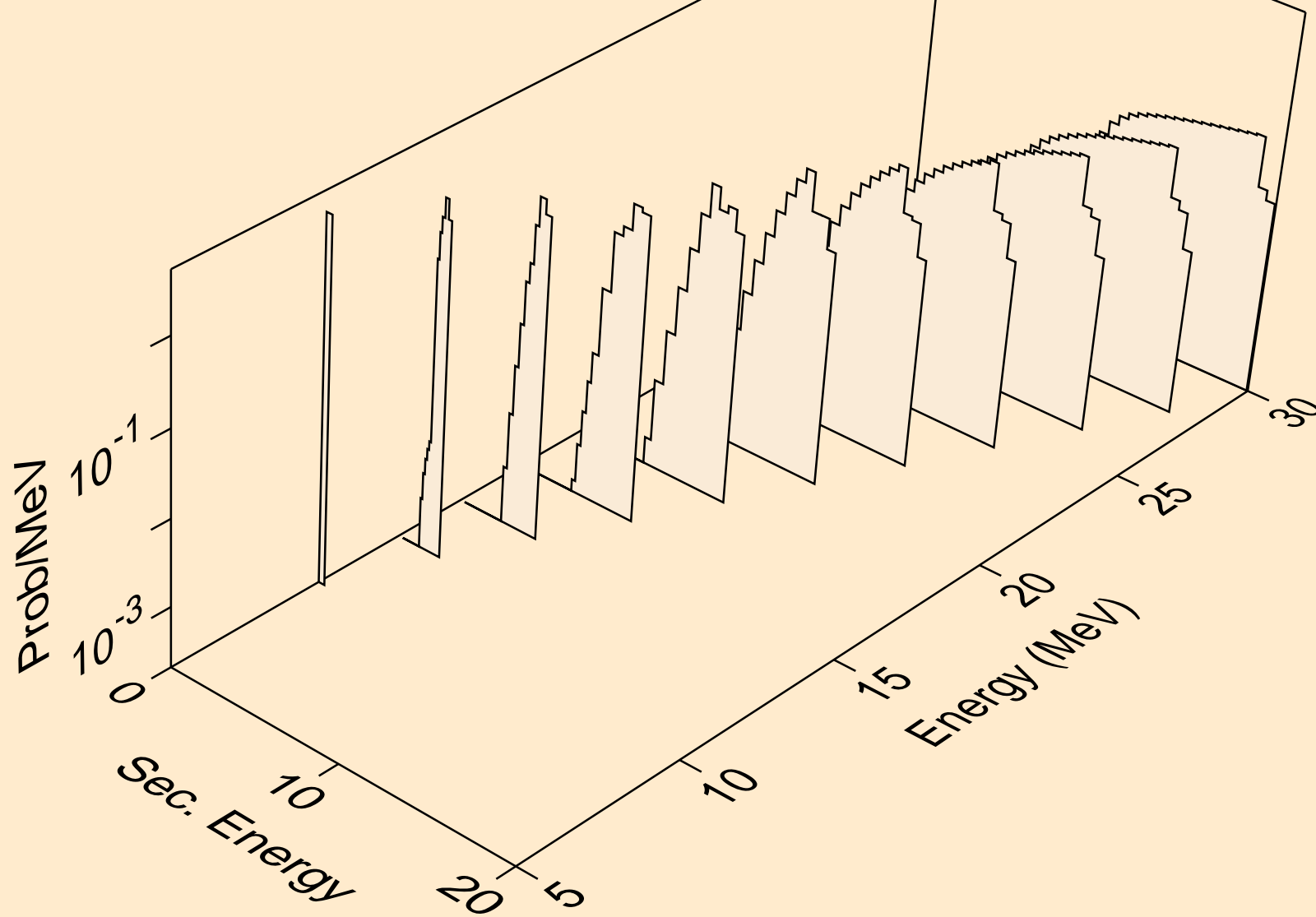
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deuterons from (p,x)



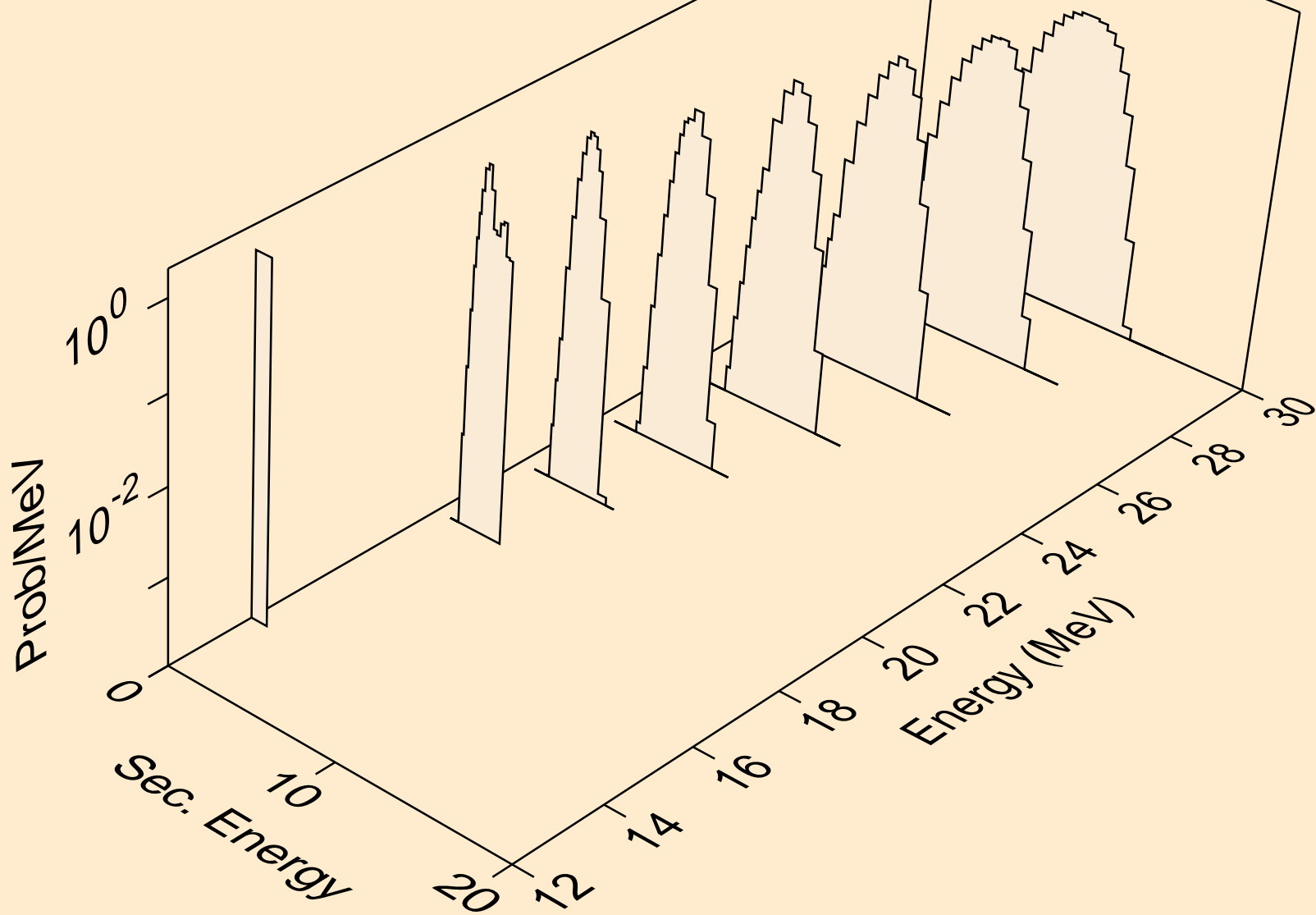
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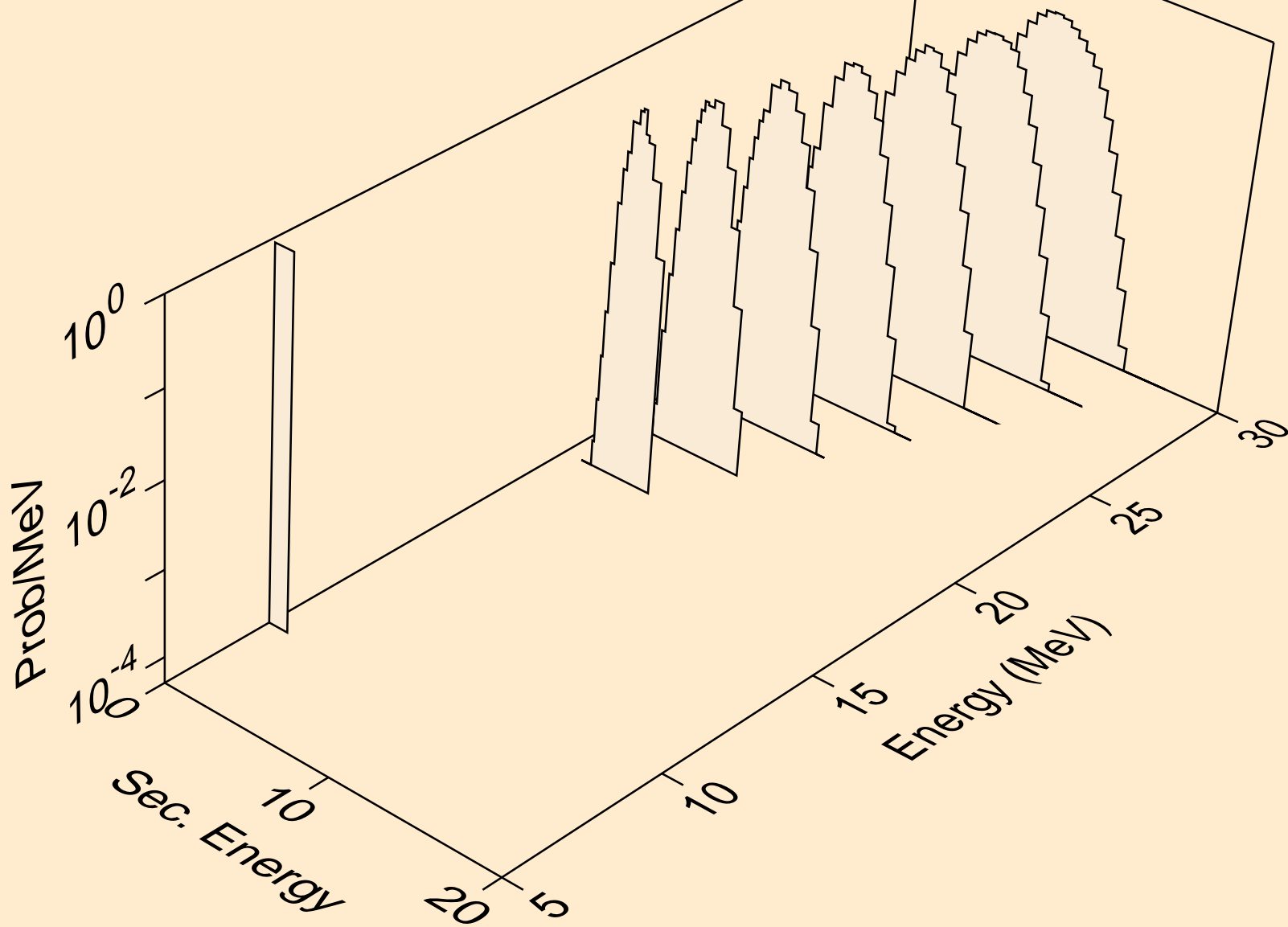
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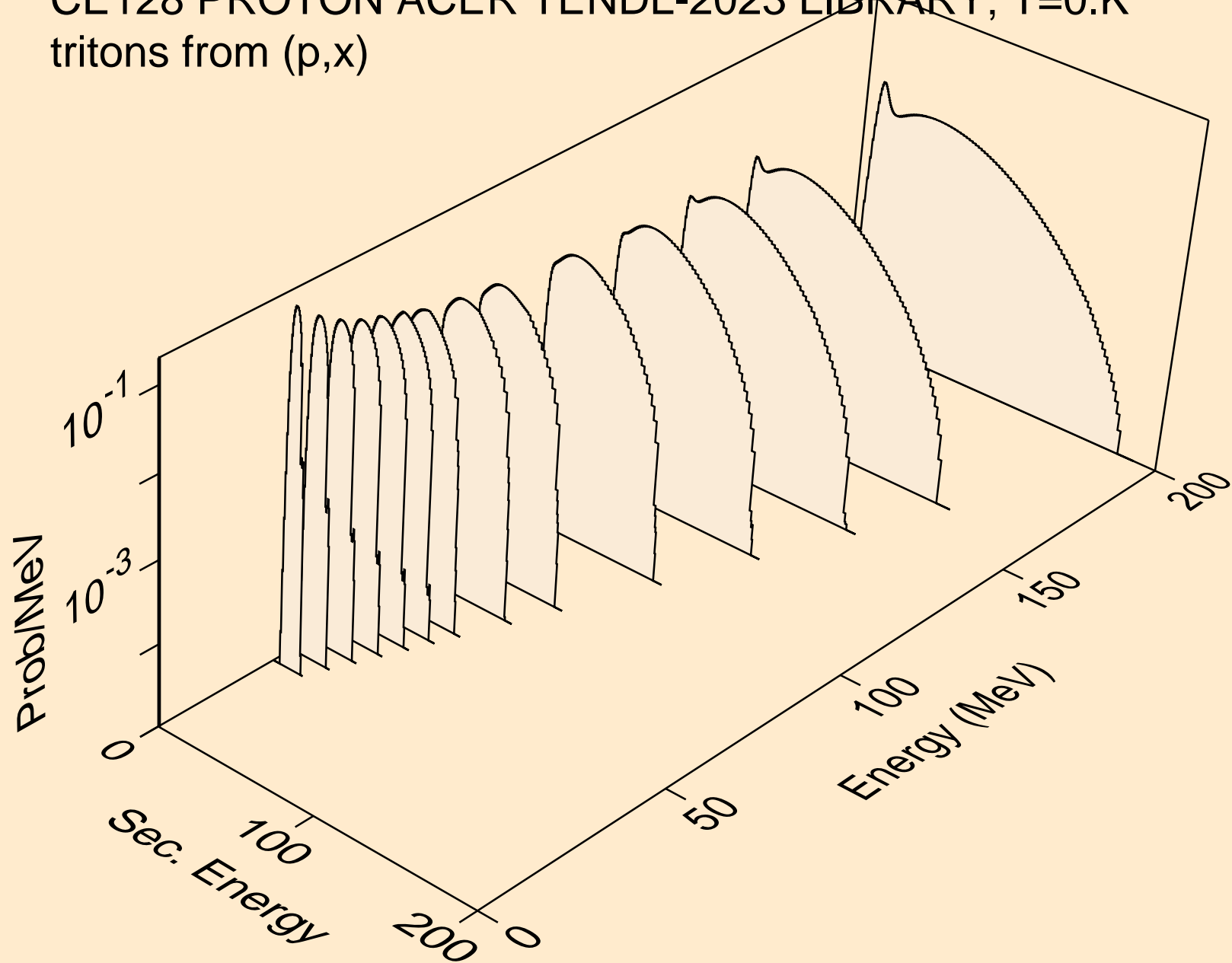
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)

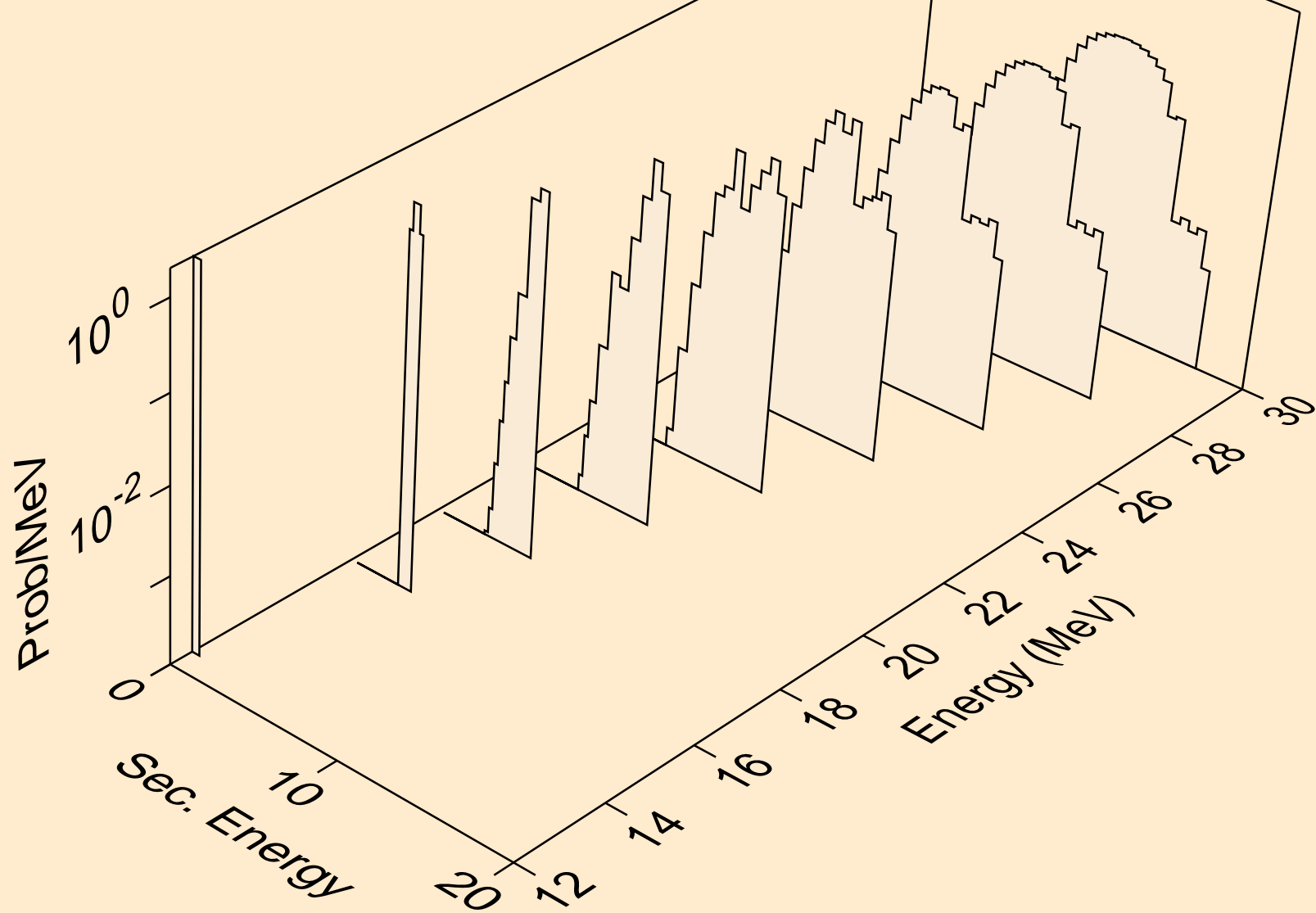


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tritons from (p,x)

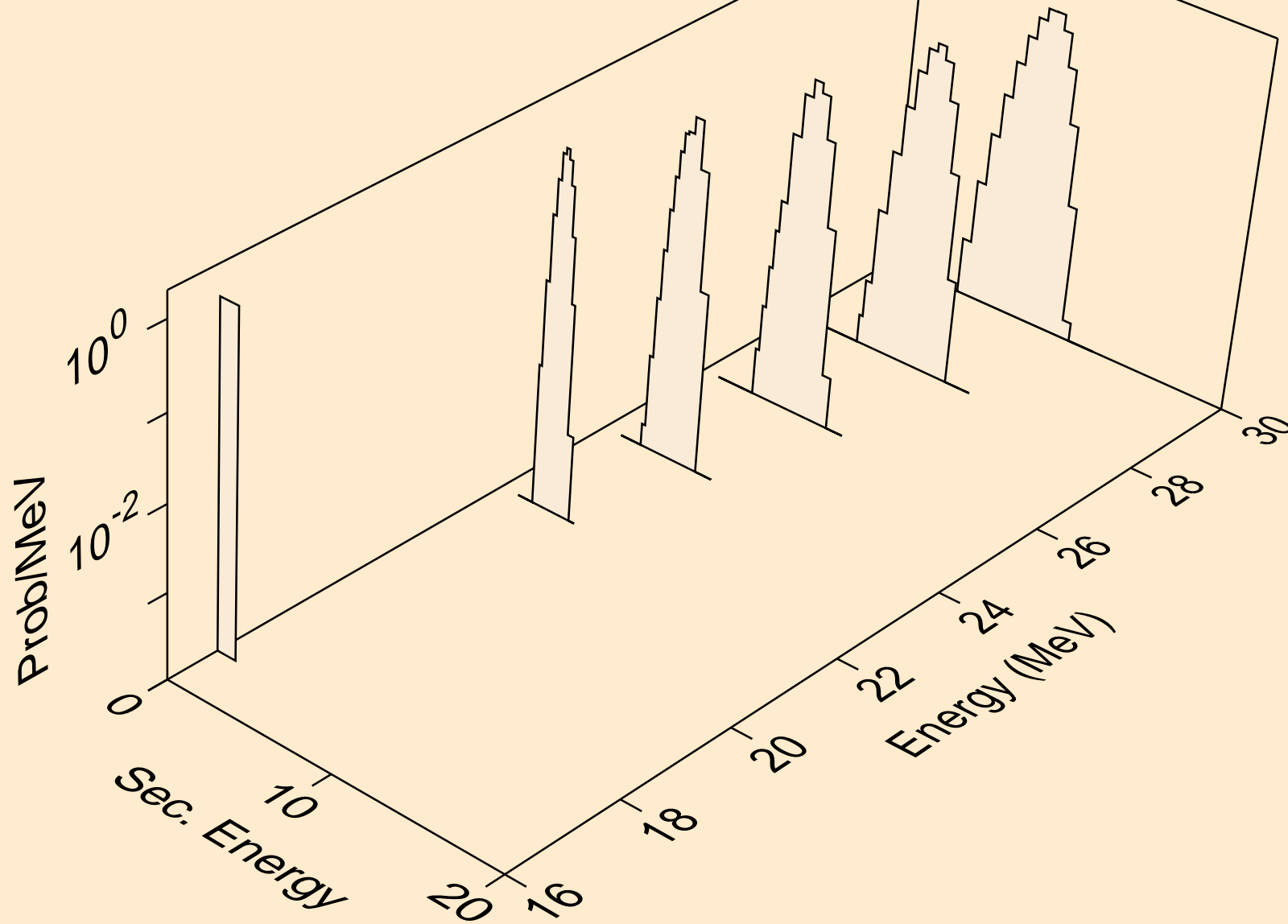




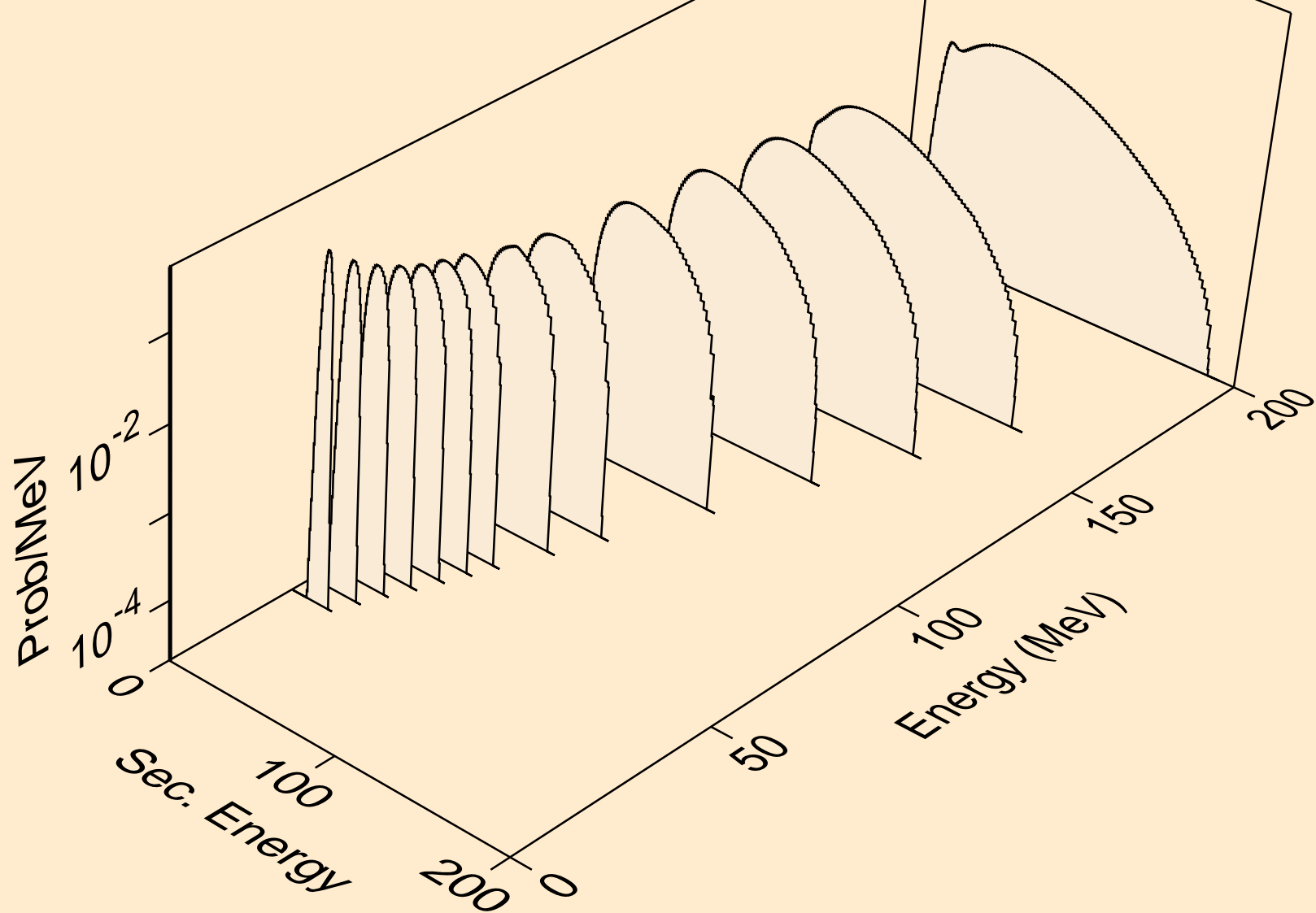
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tritons from (p,t)



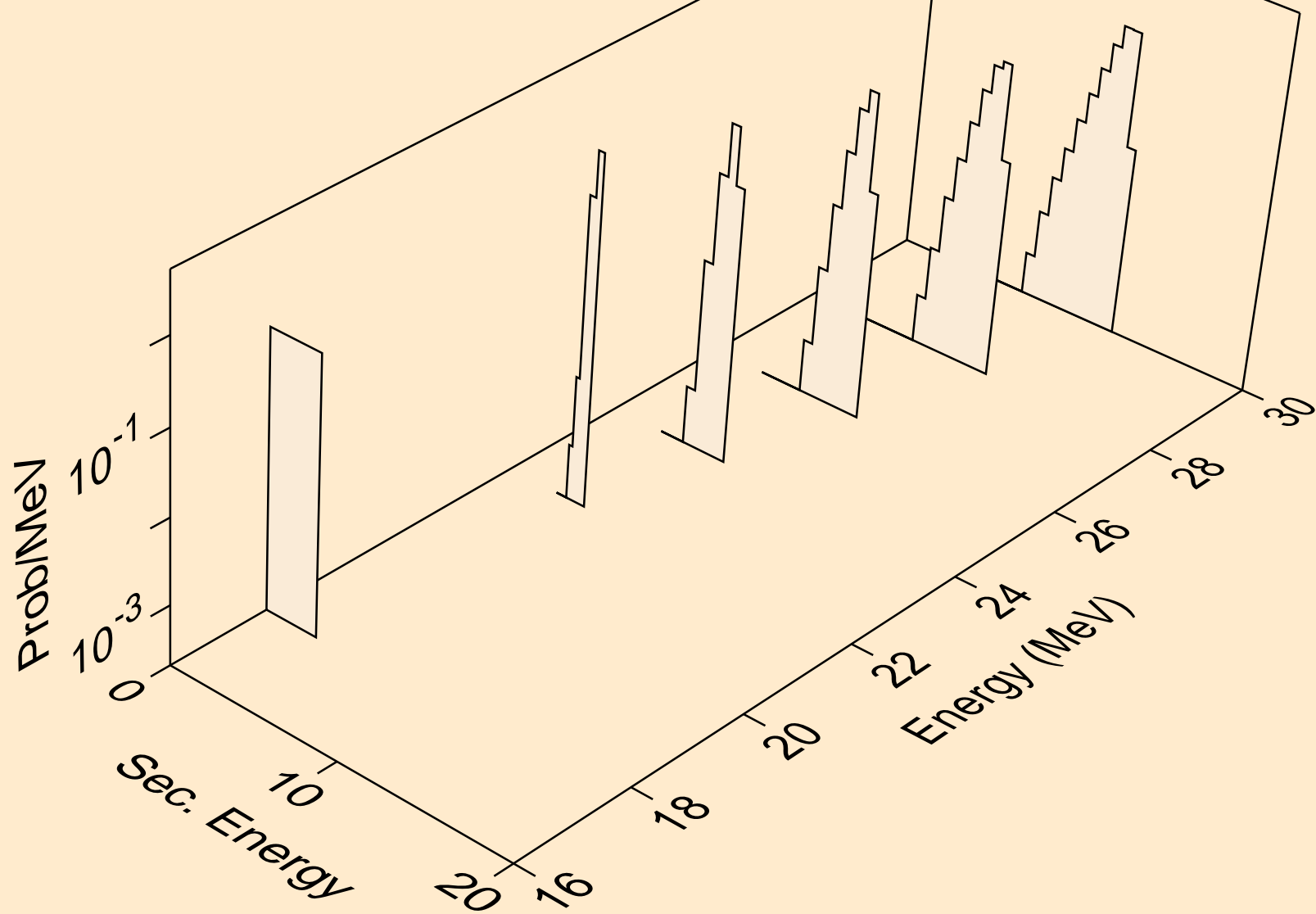
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



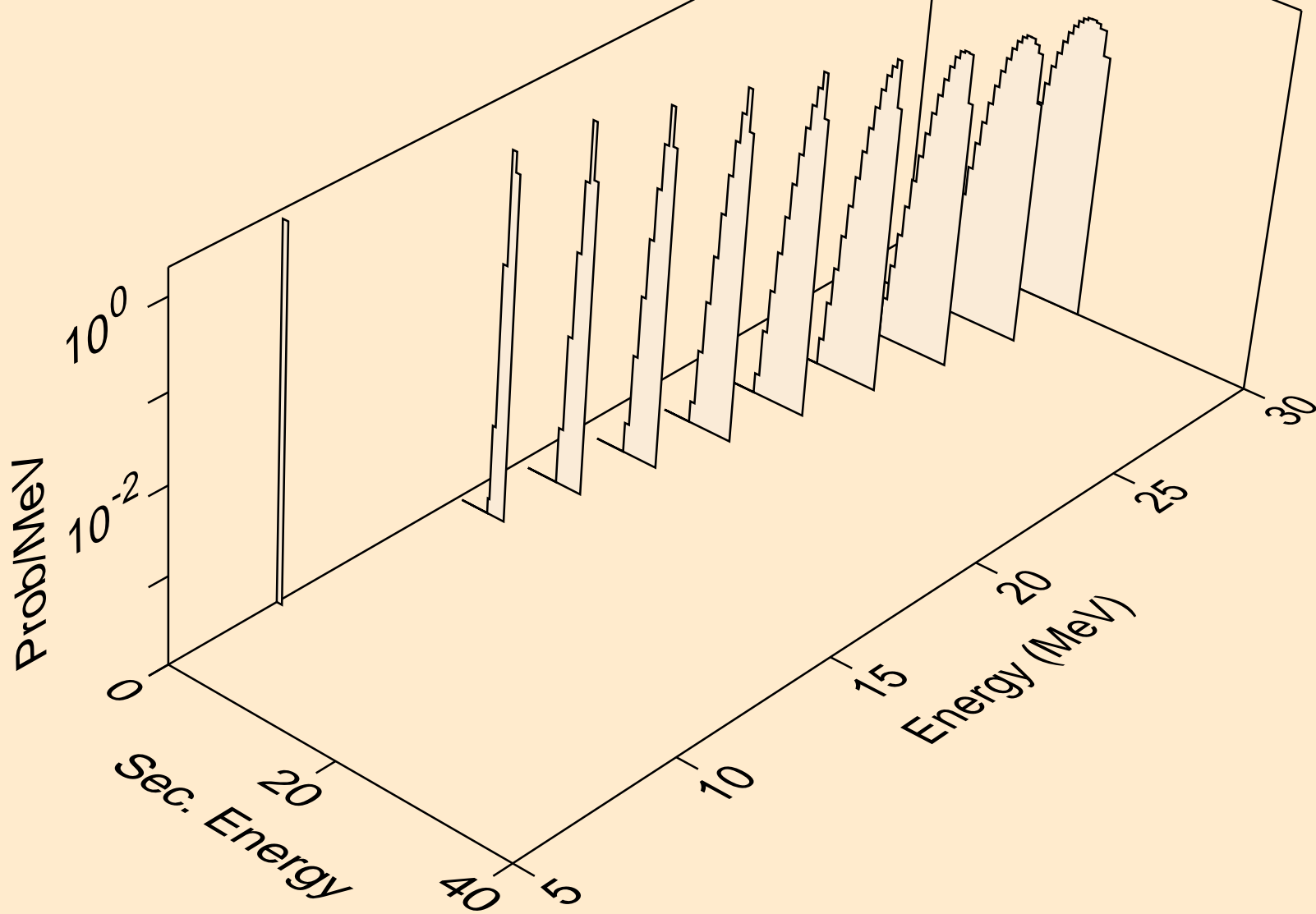
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



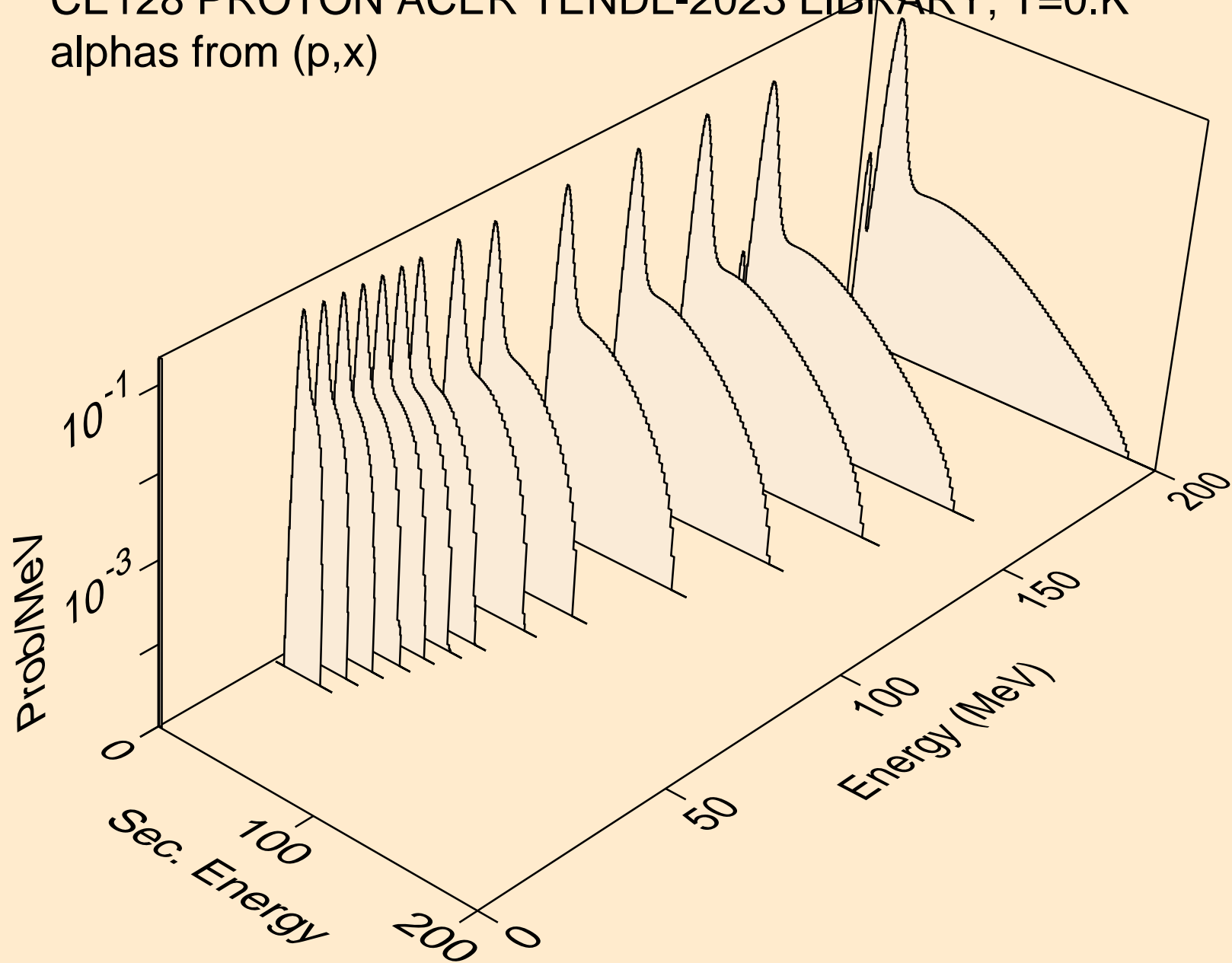
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



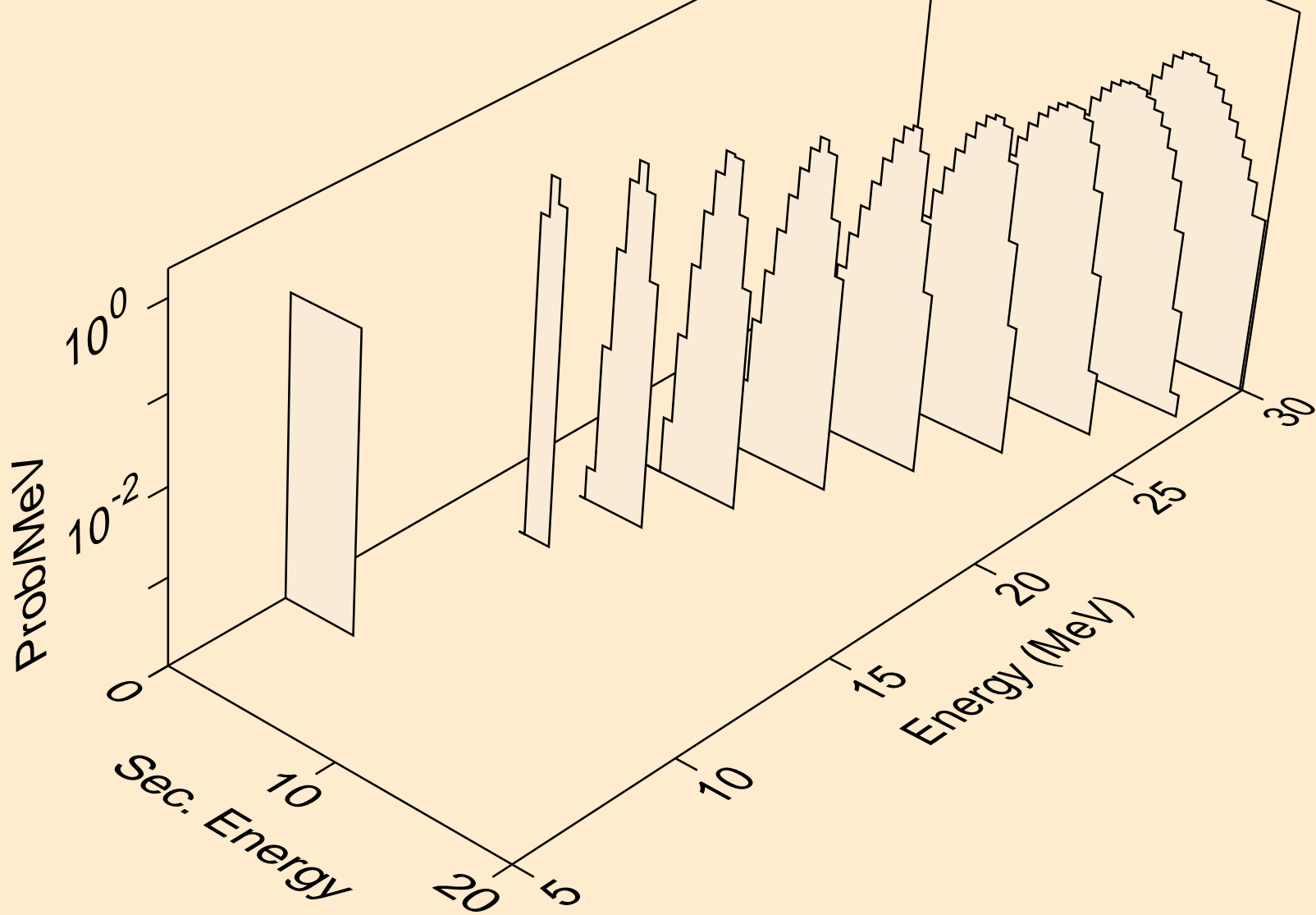
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



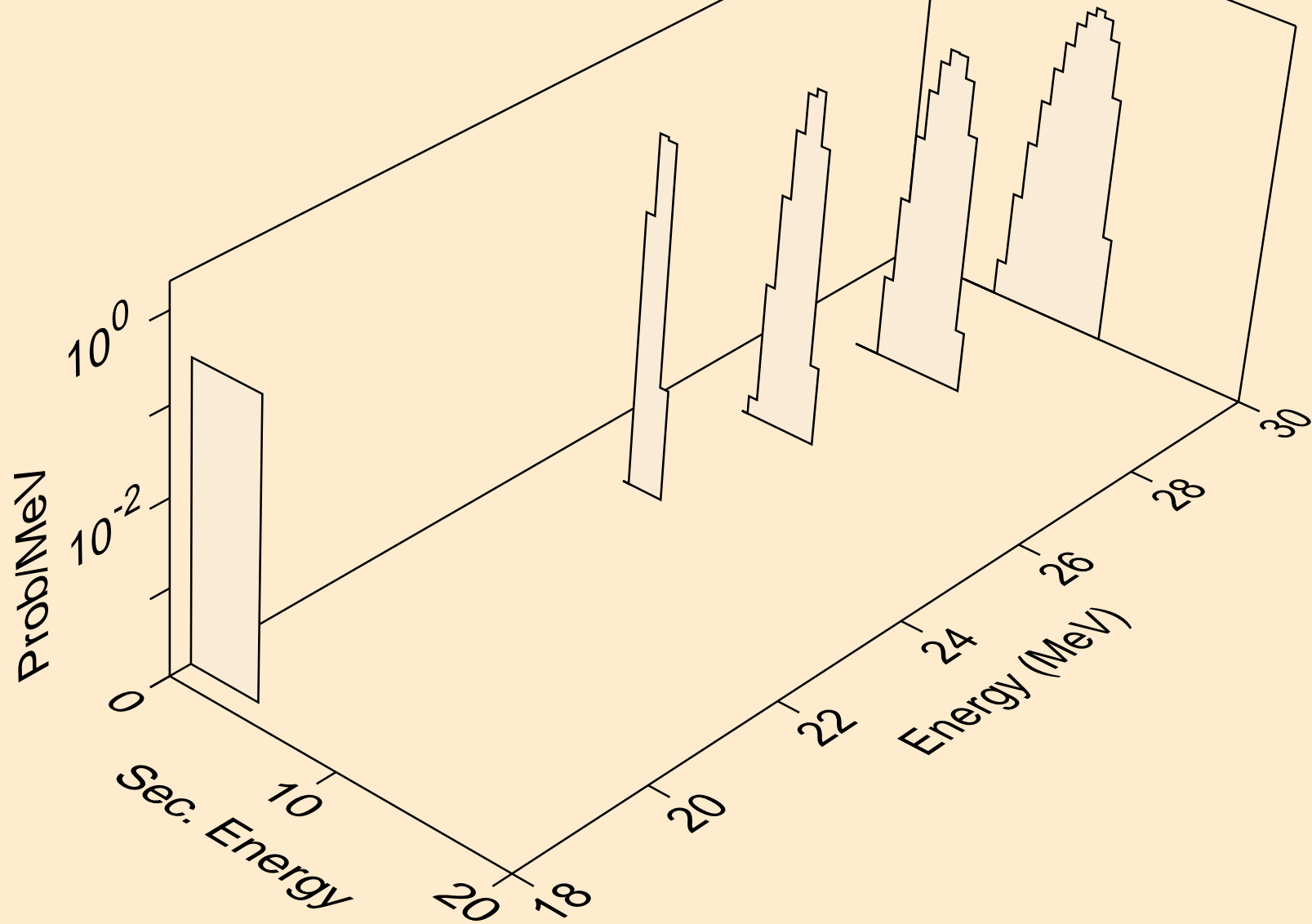
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

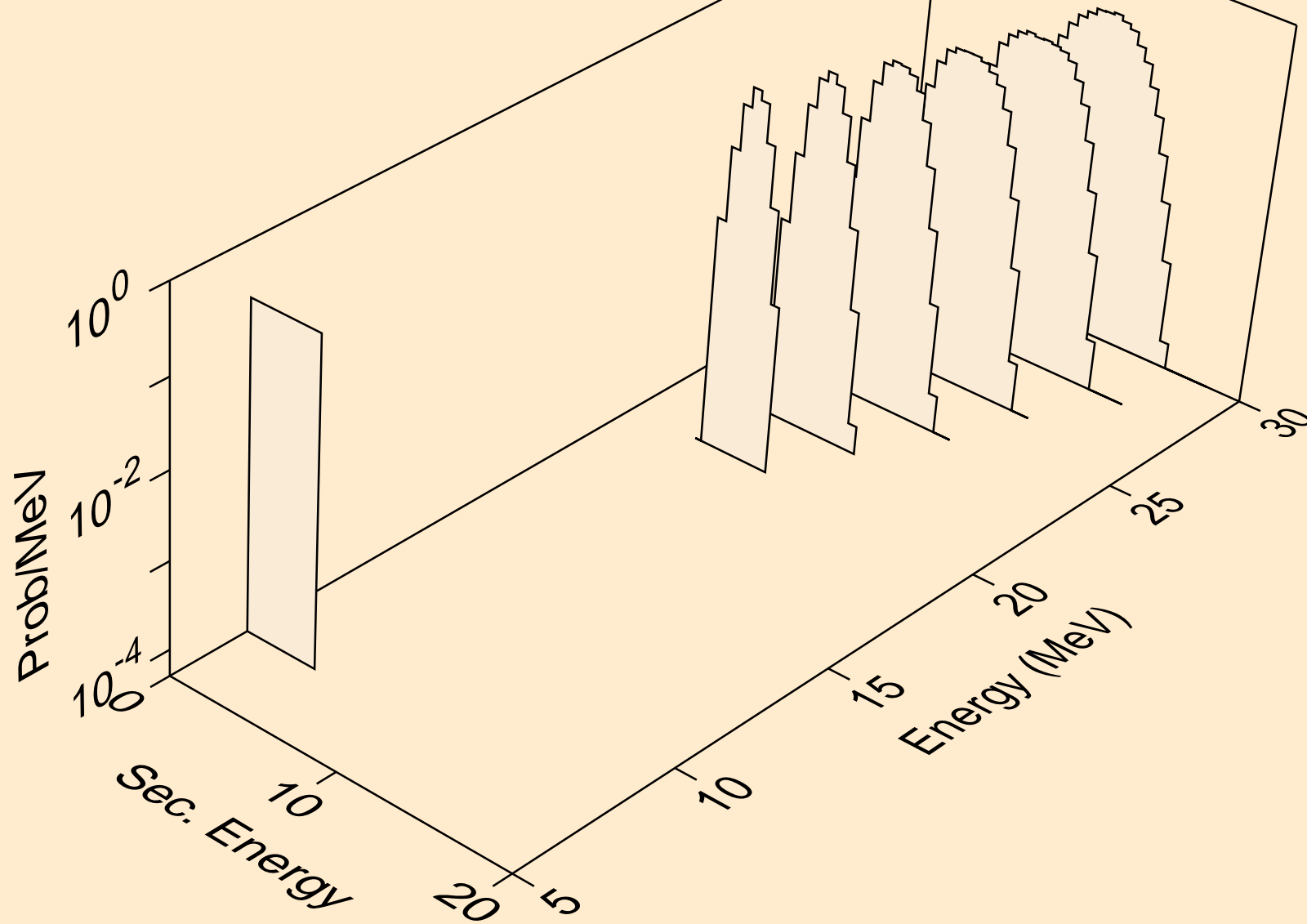


CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

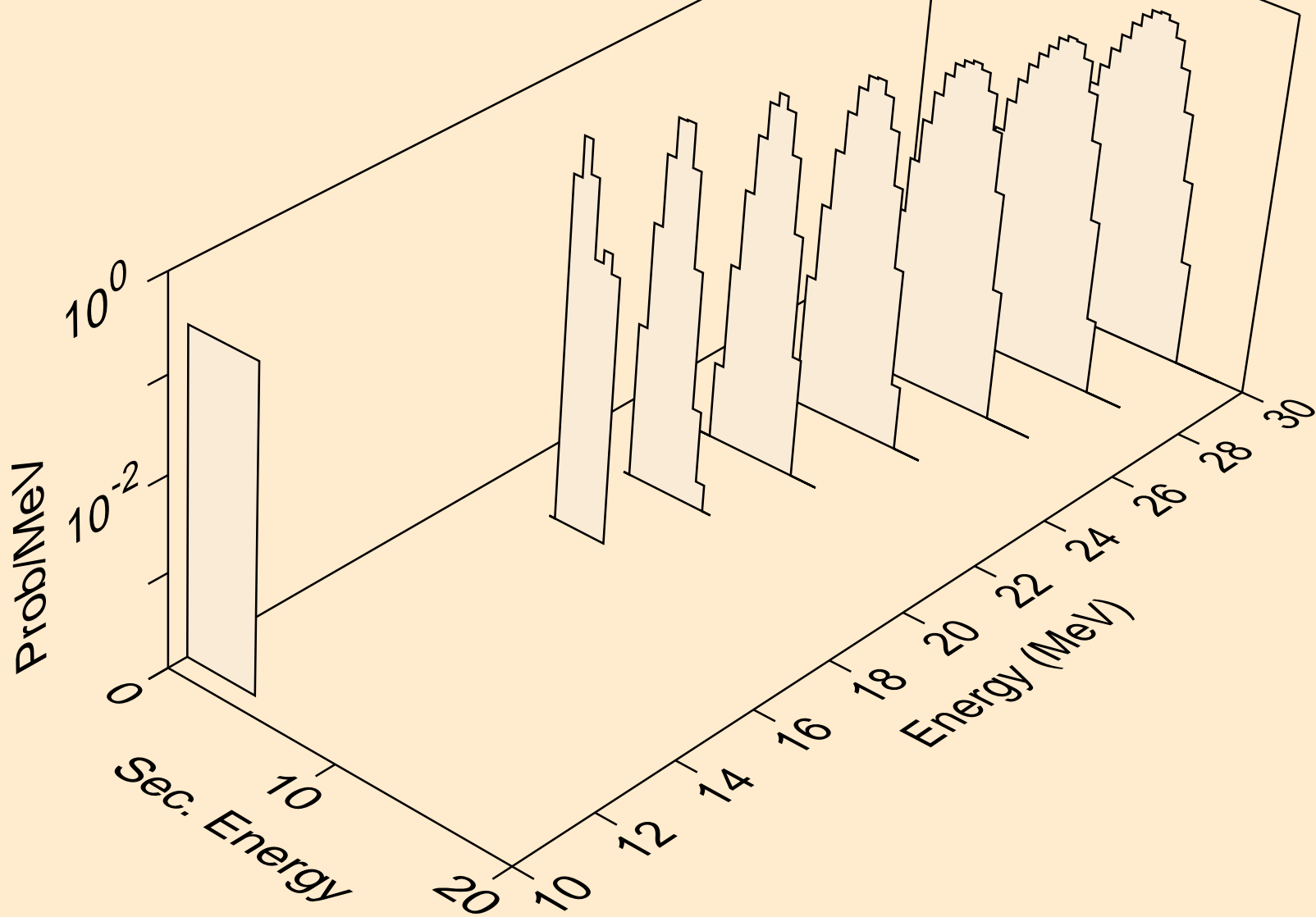




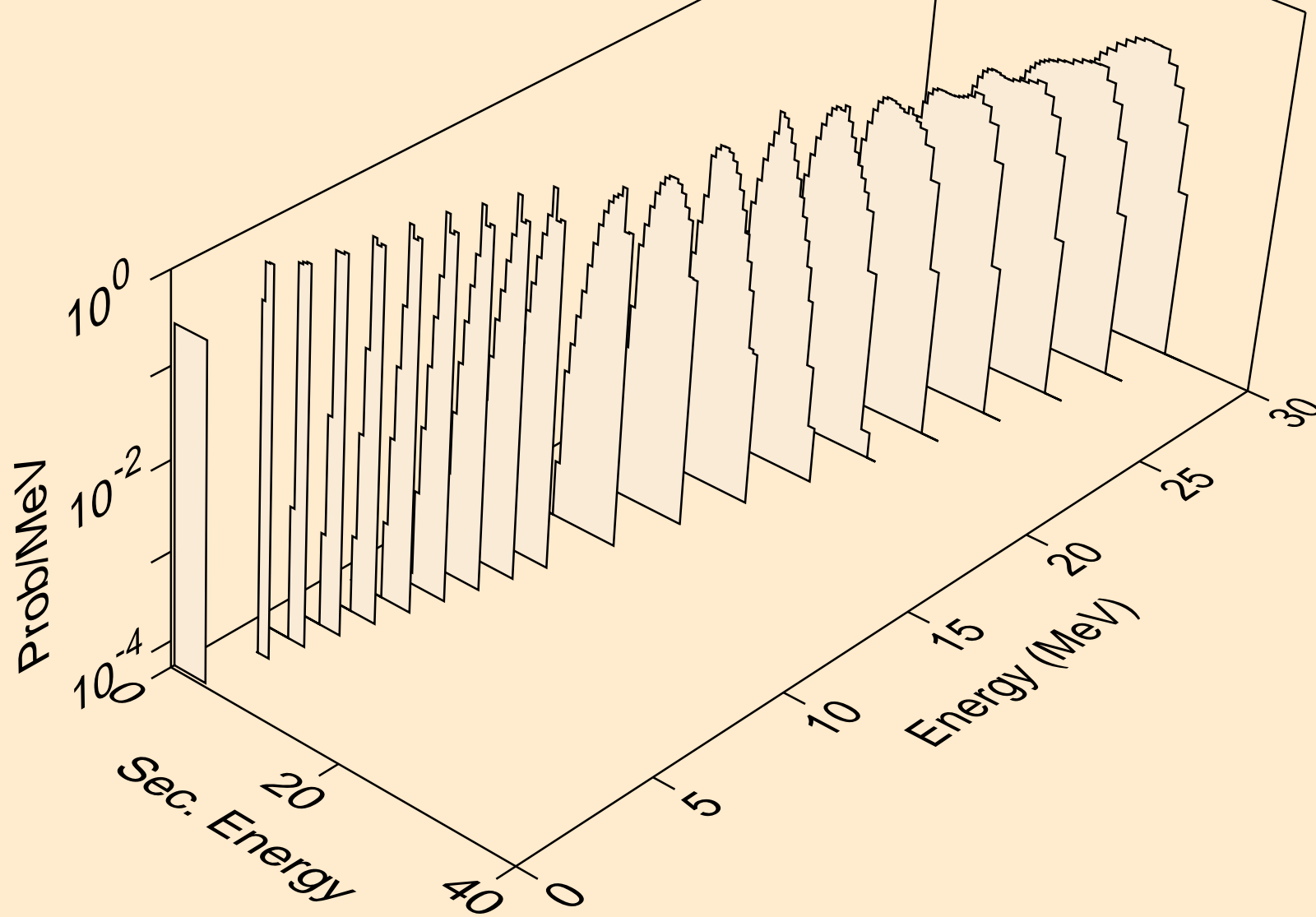
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



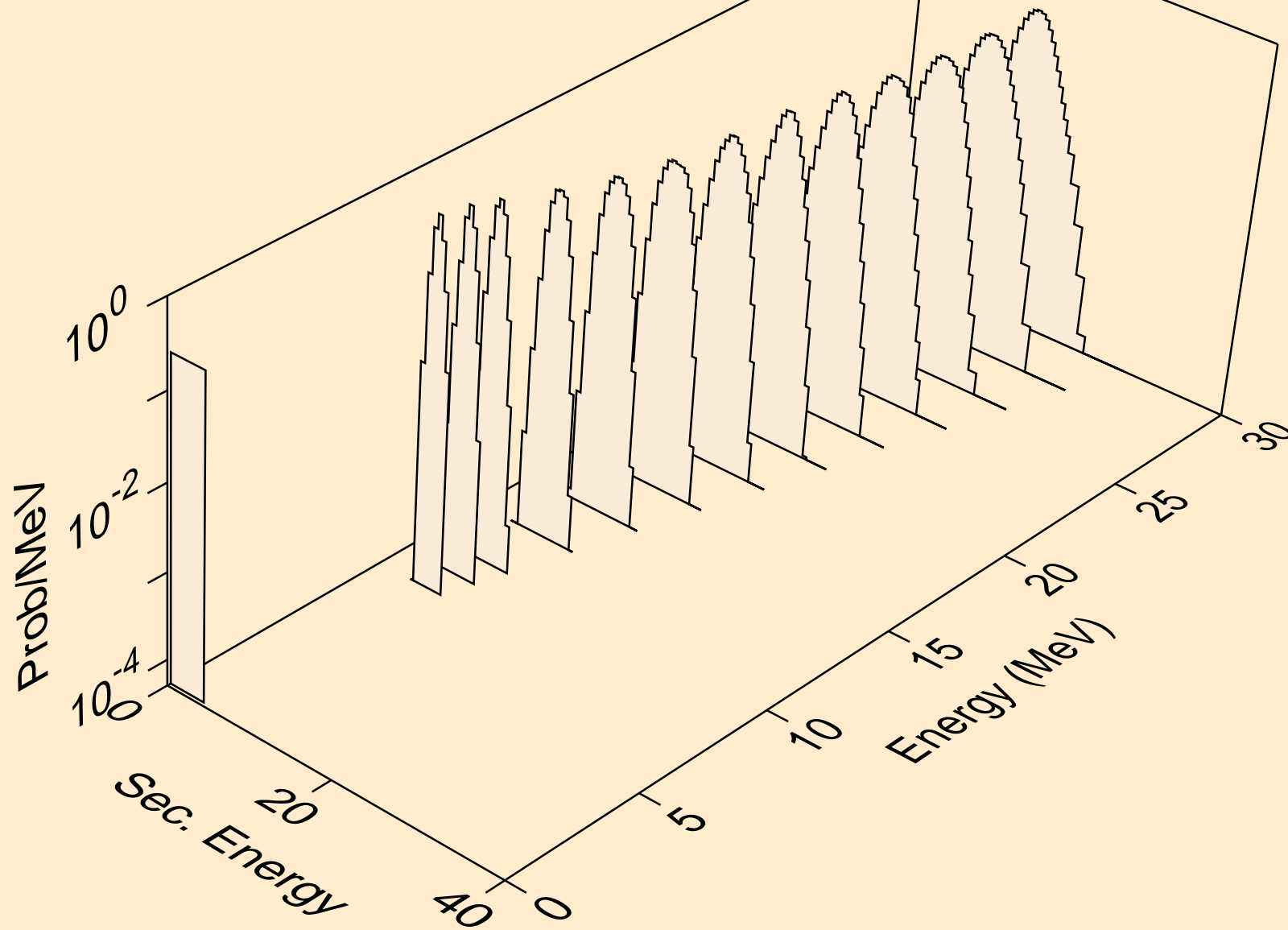
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



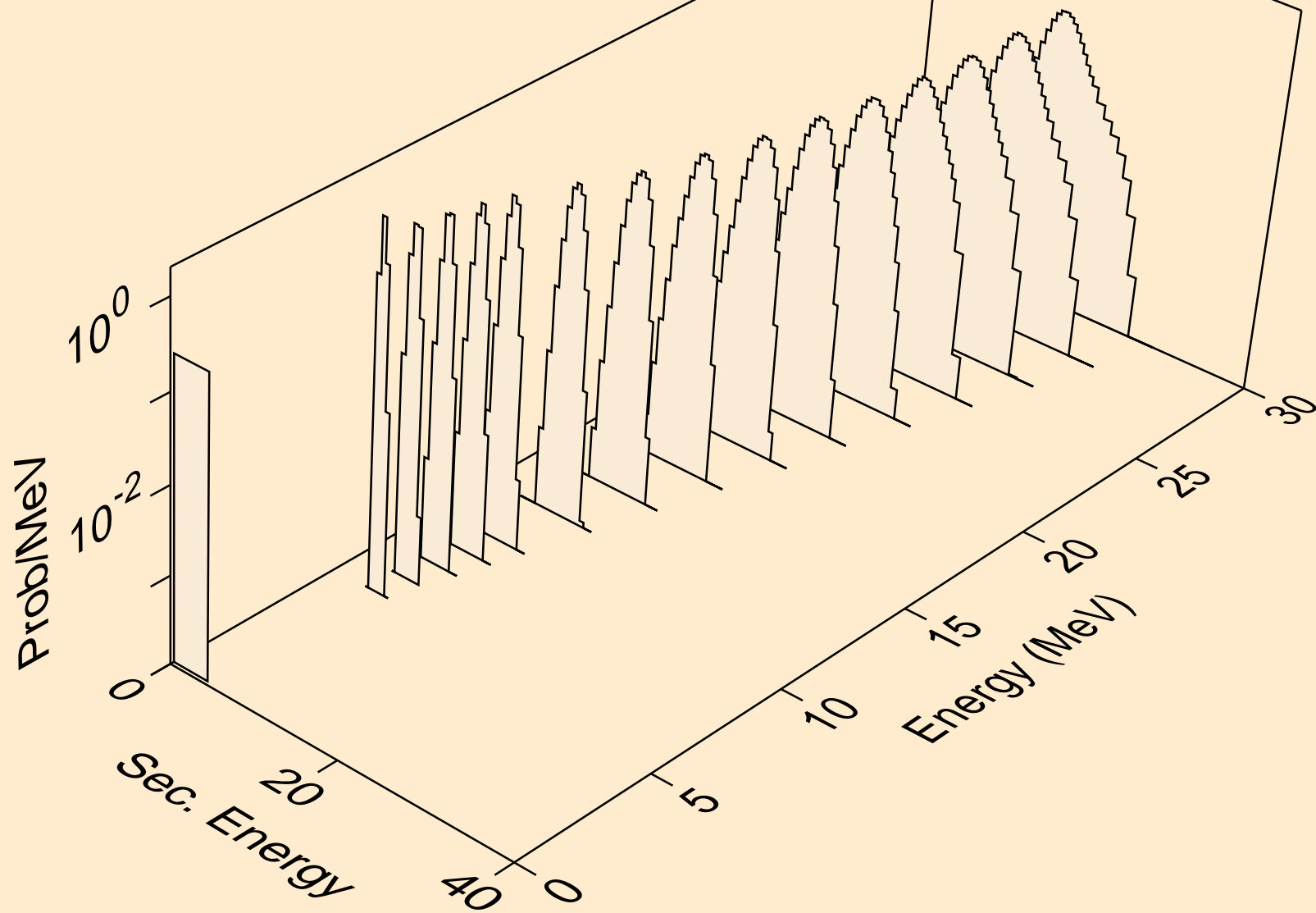
CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



CE128 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

