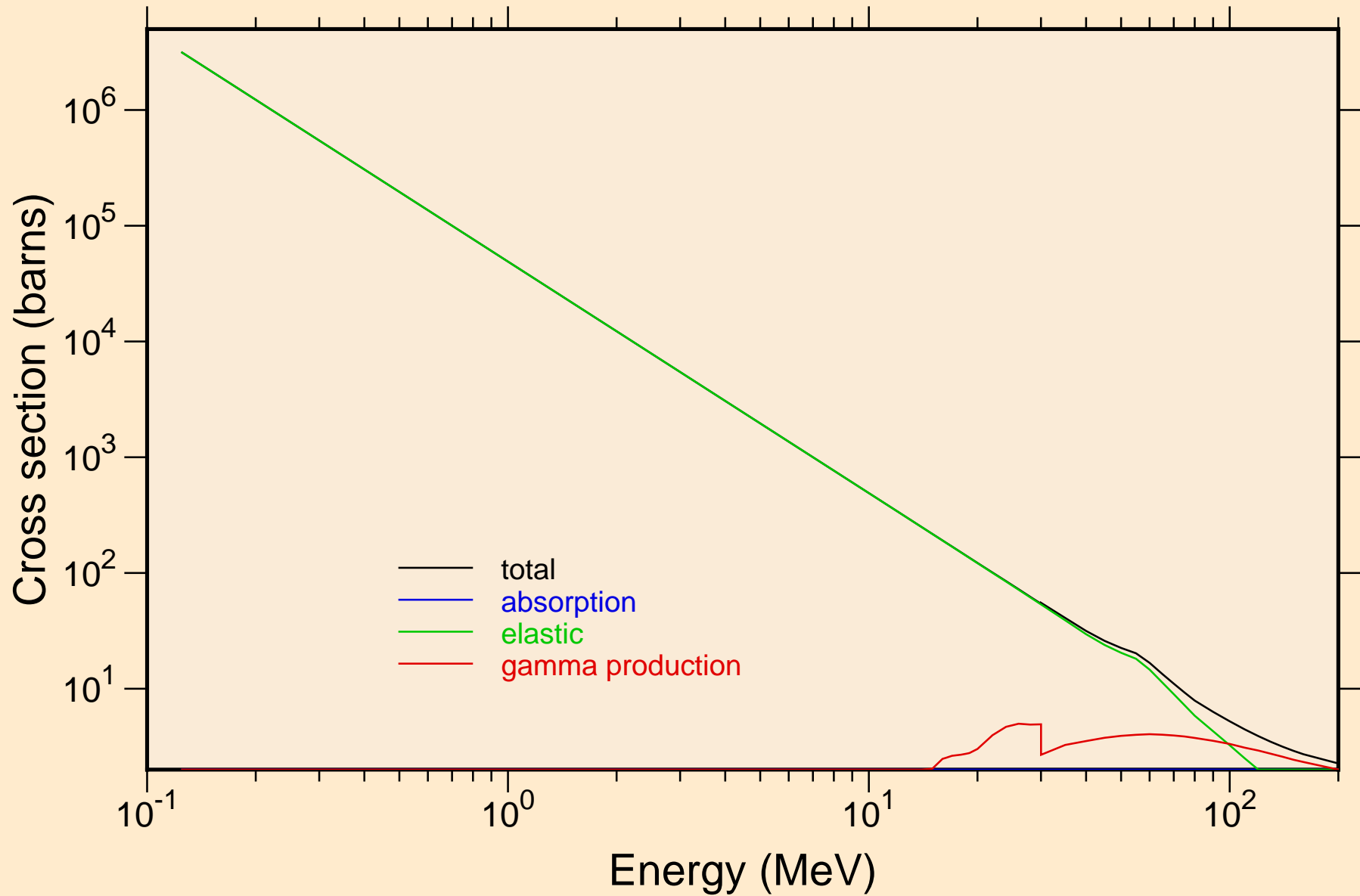


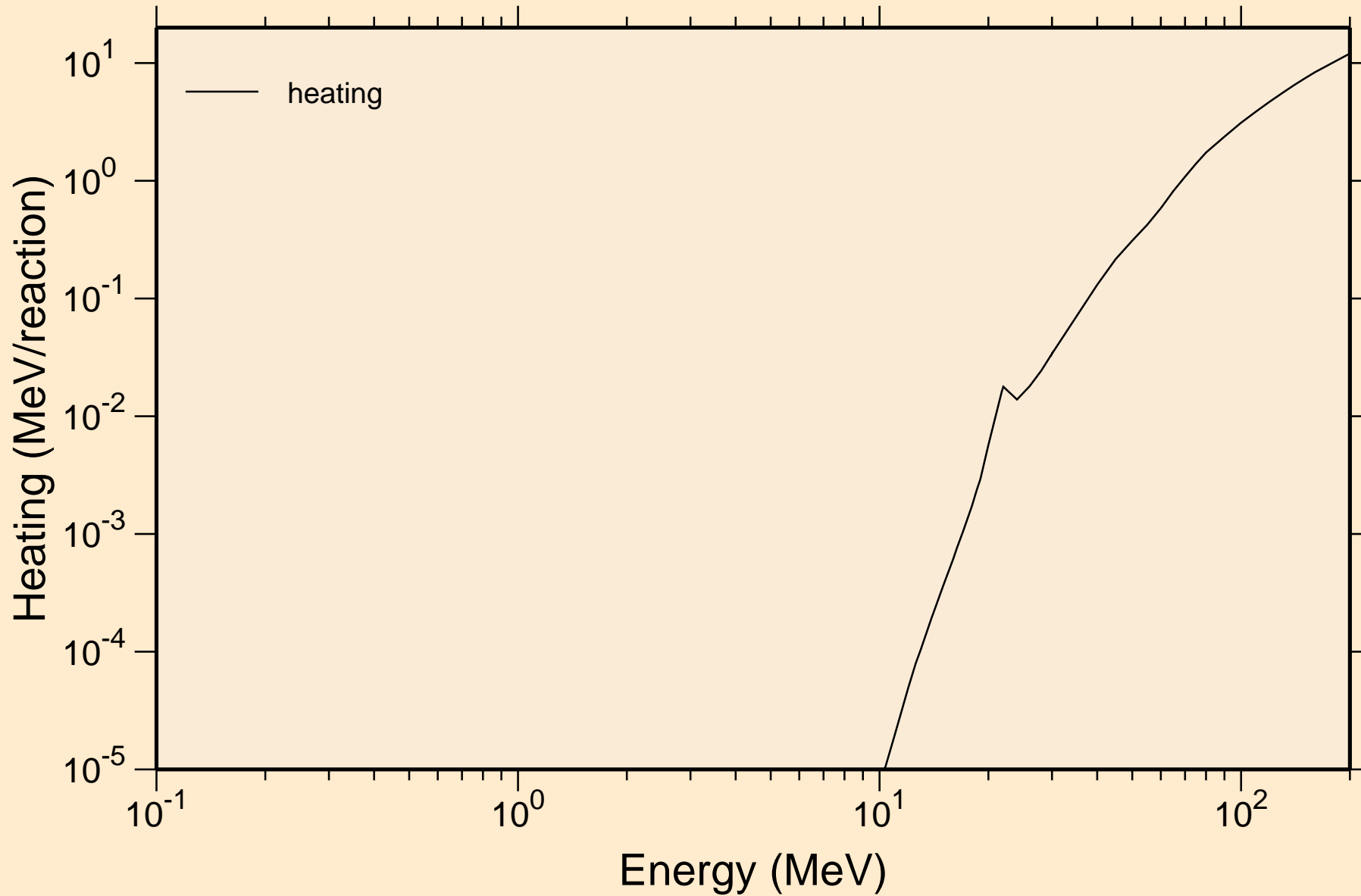
# AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



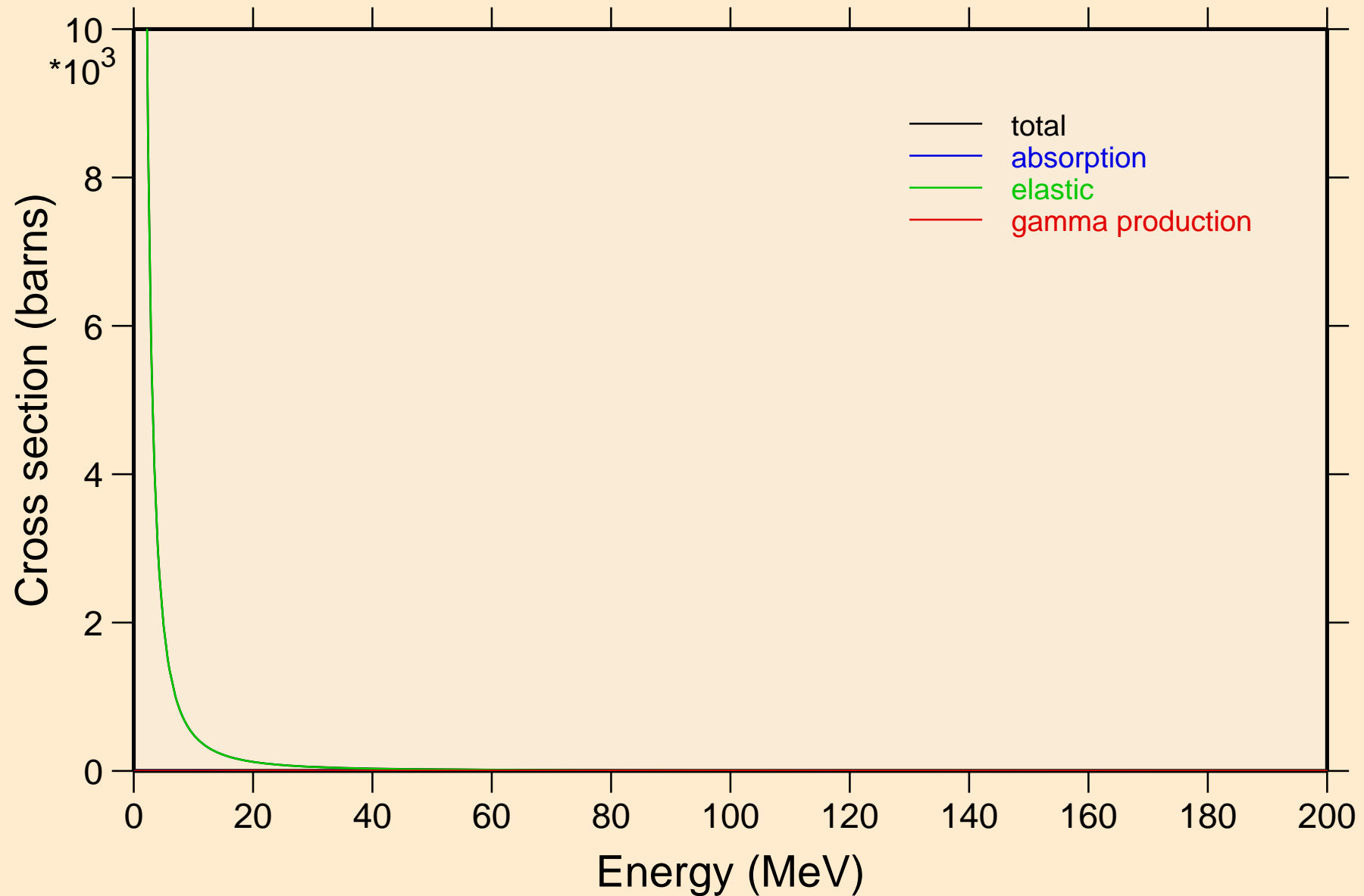
# AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



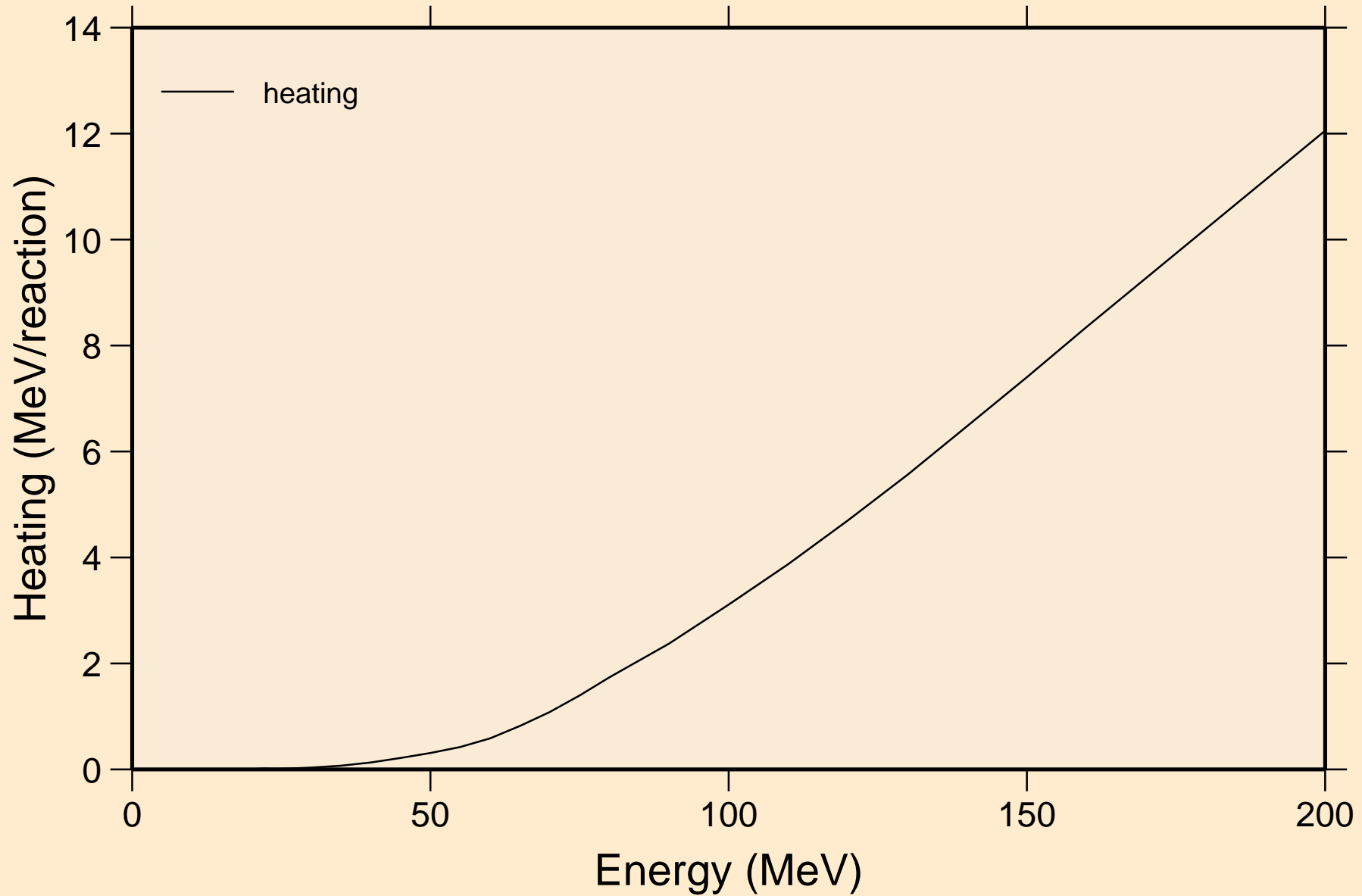
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## Principal cross sections



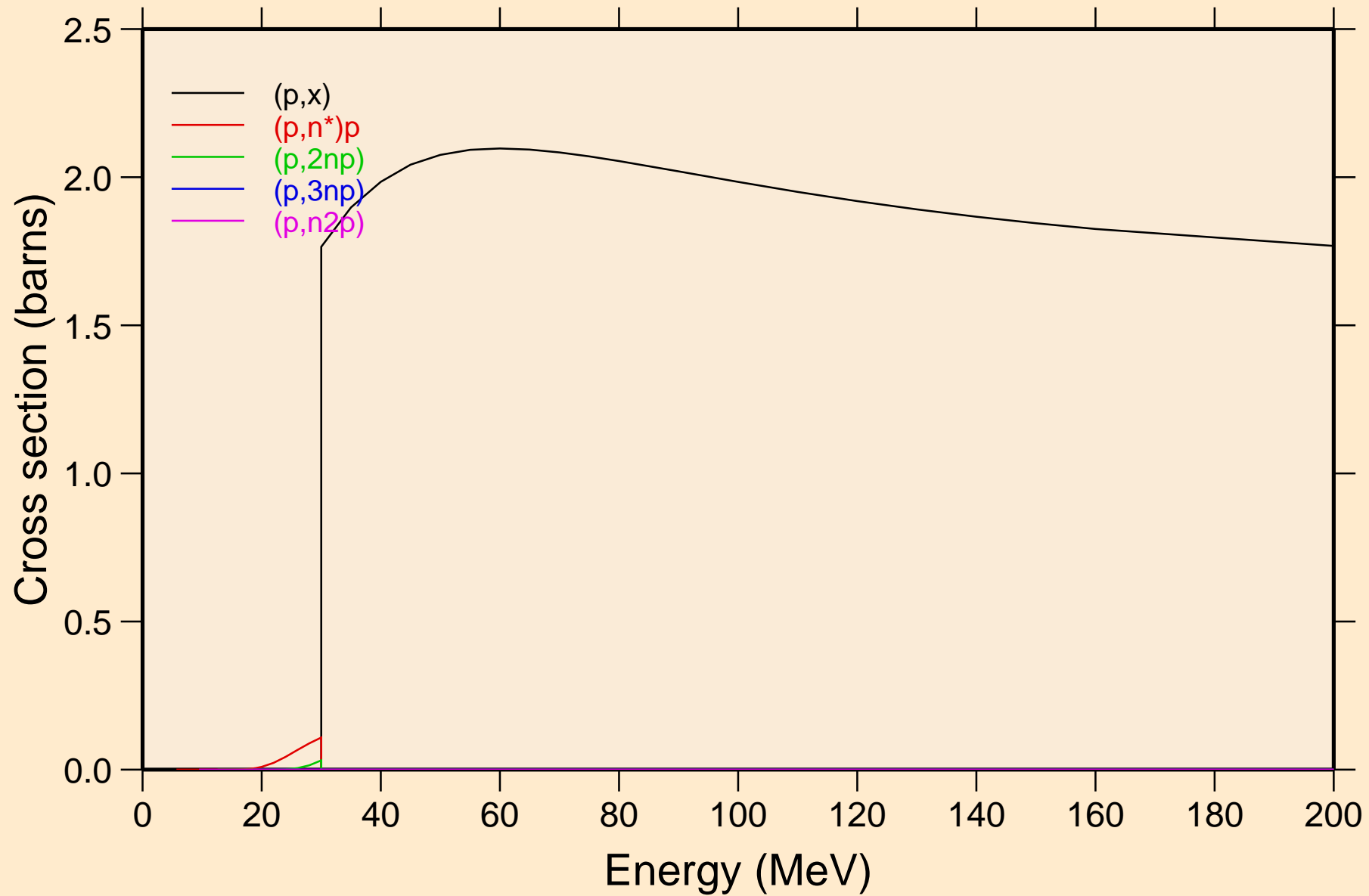
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## Heating



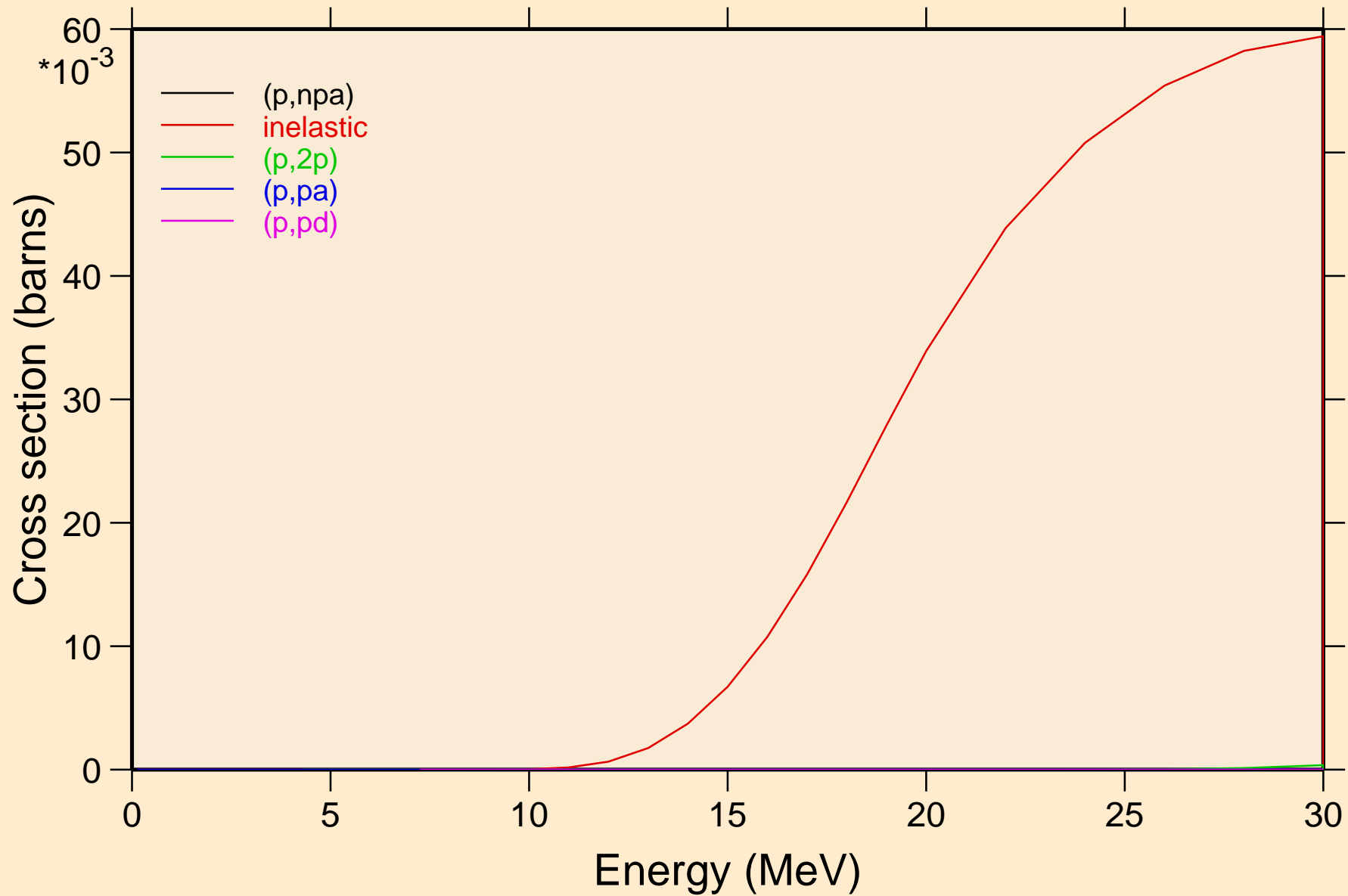
# AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

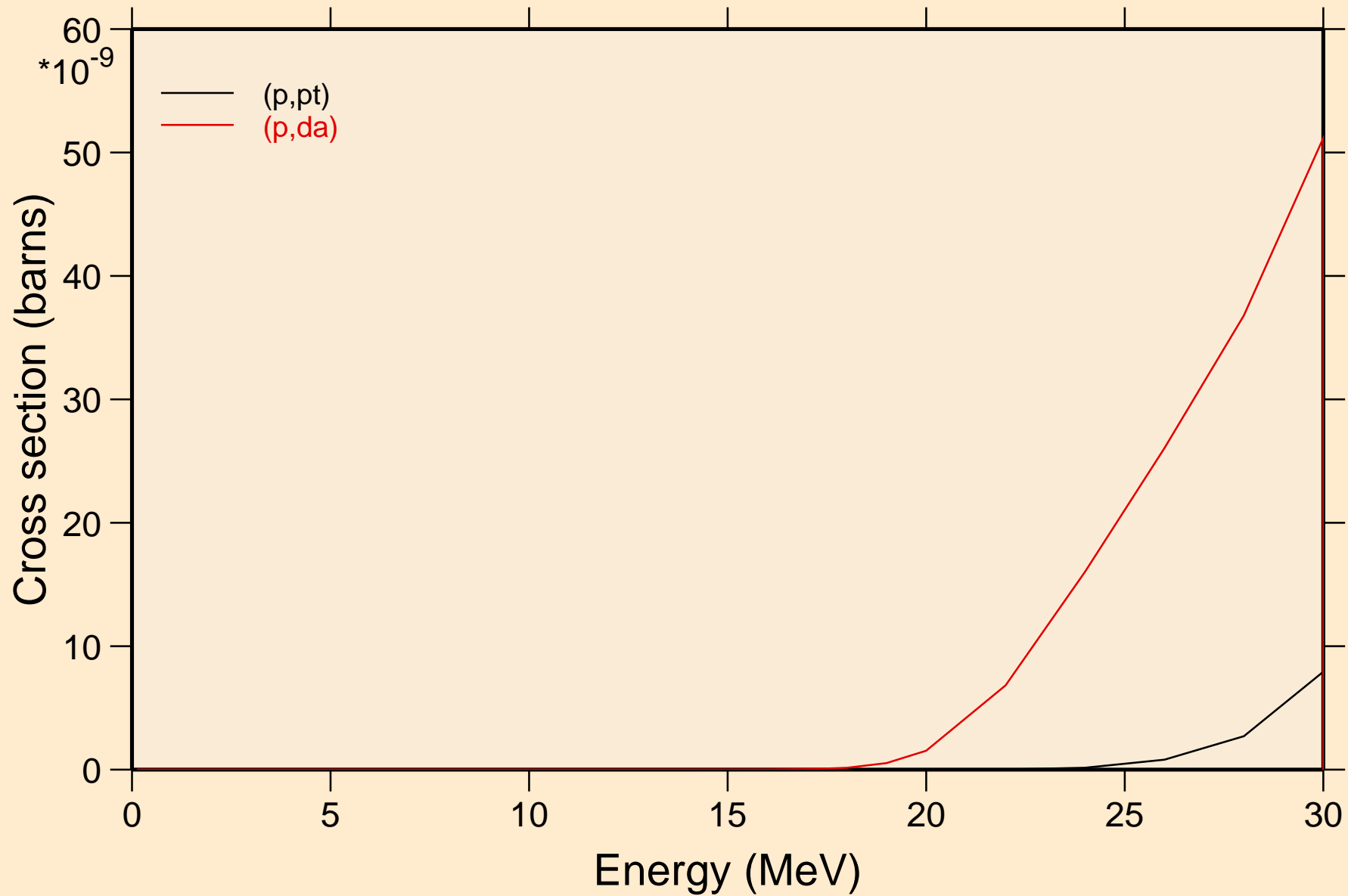


# AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

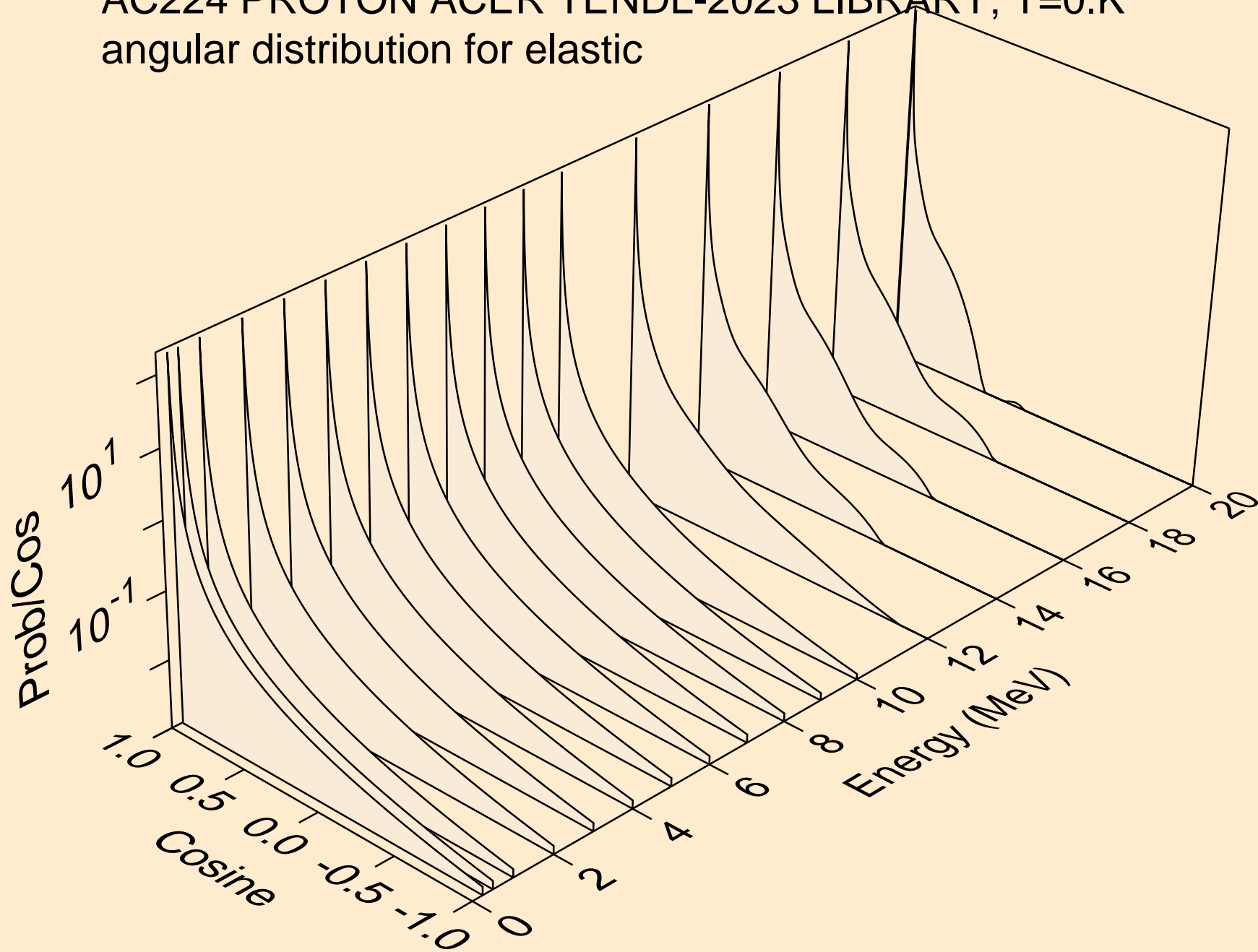
## Threshold reactions



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

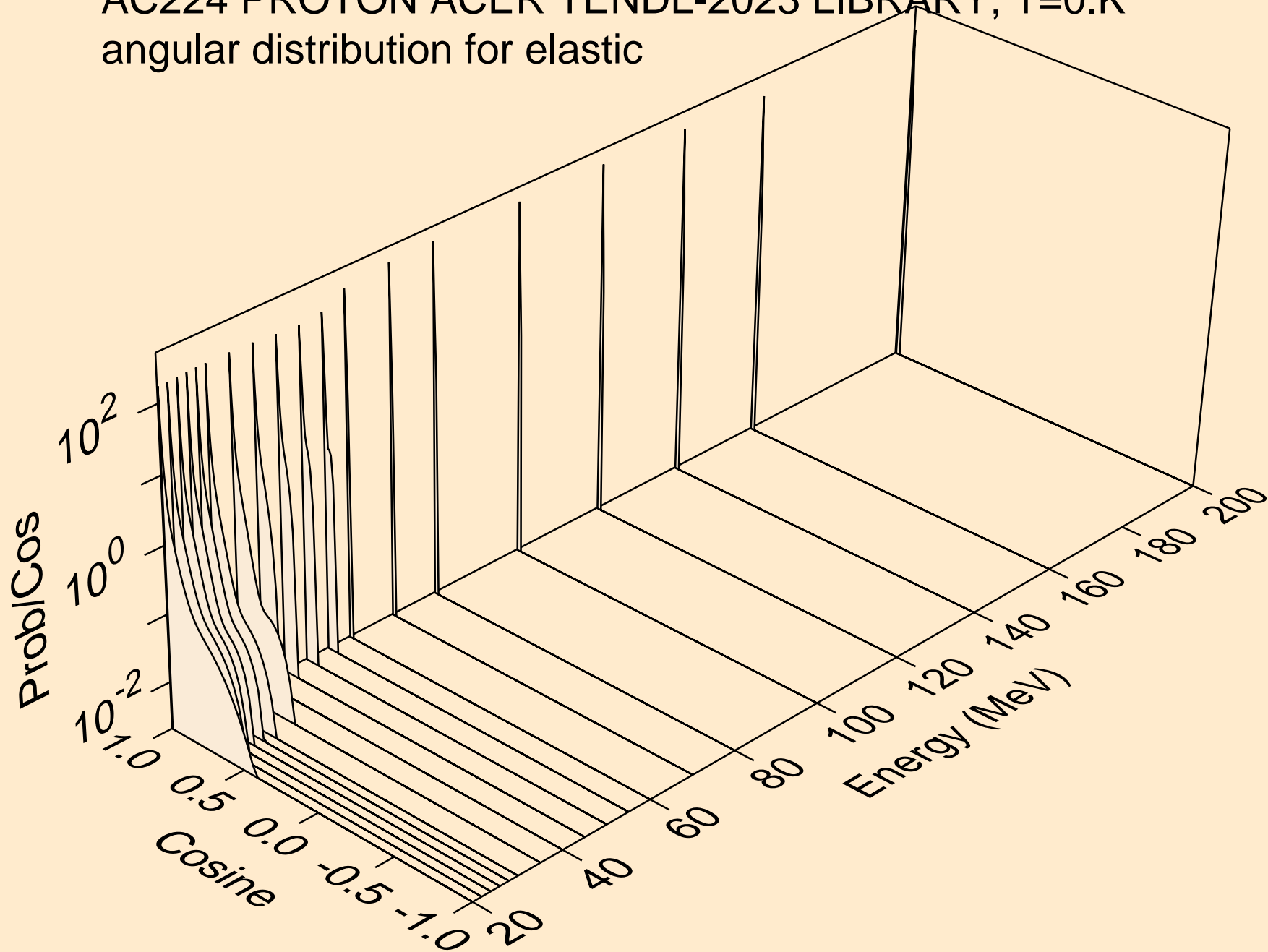


AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

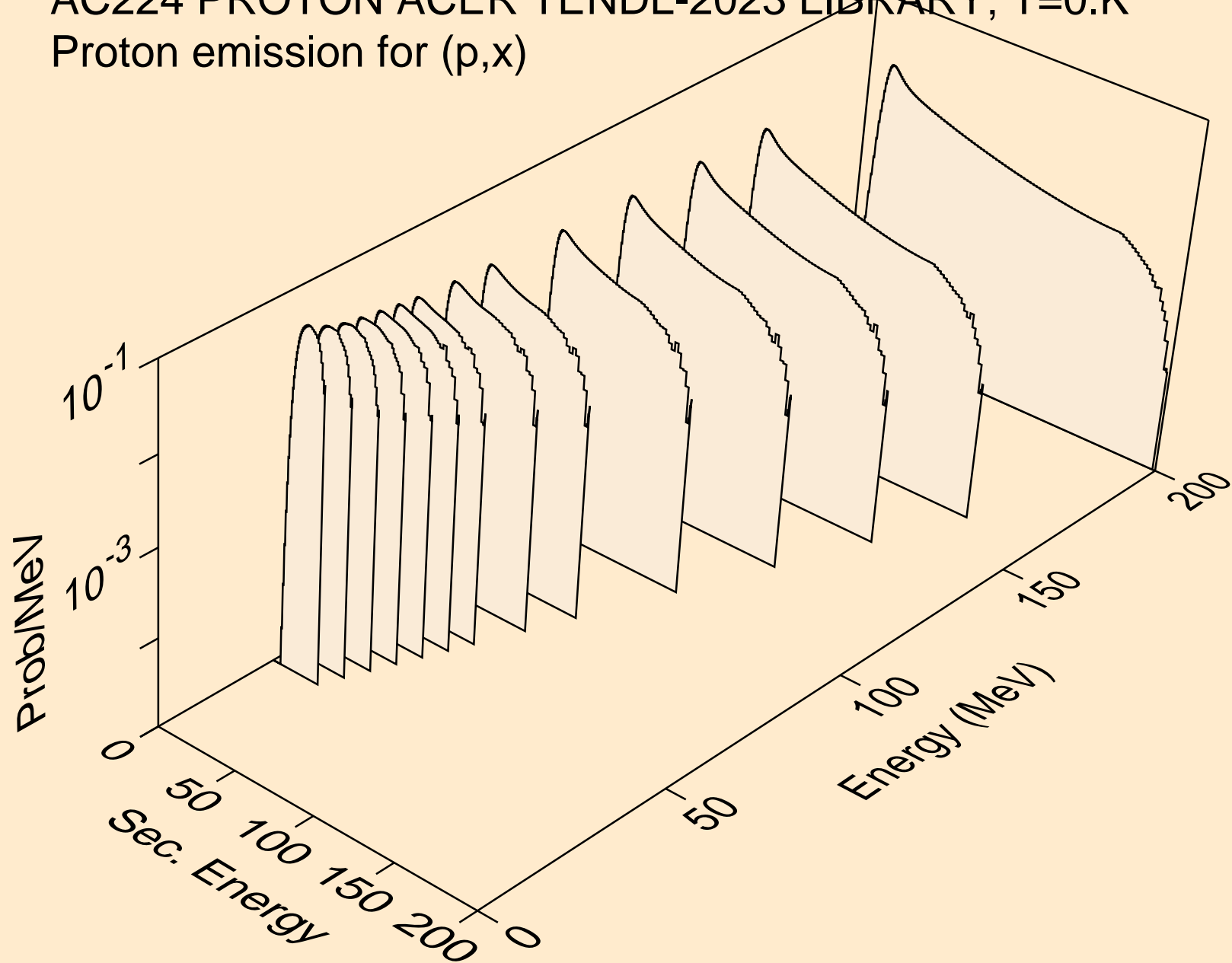




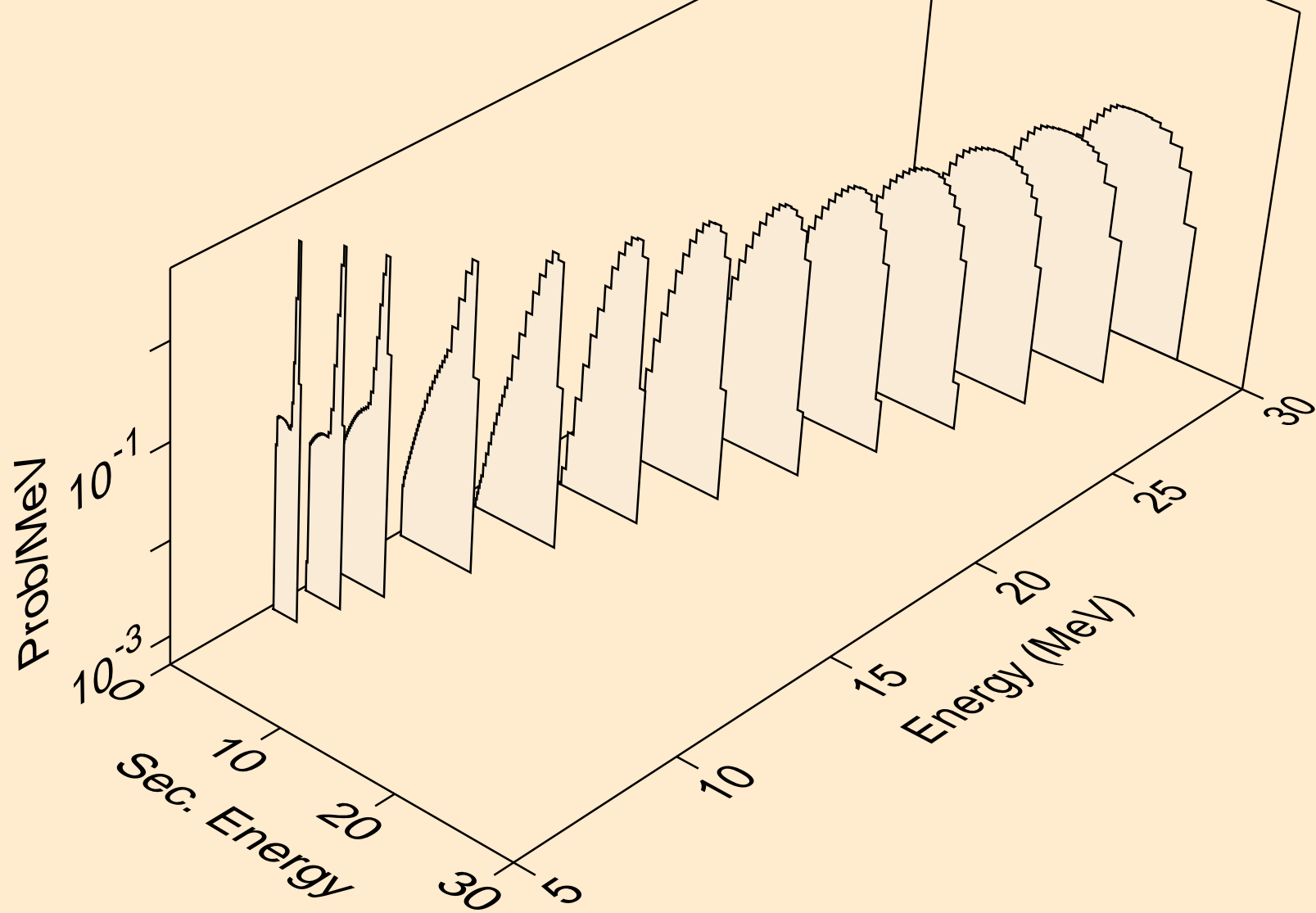
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



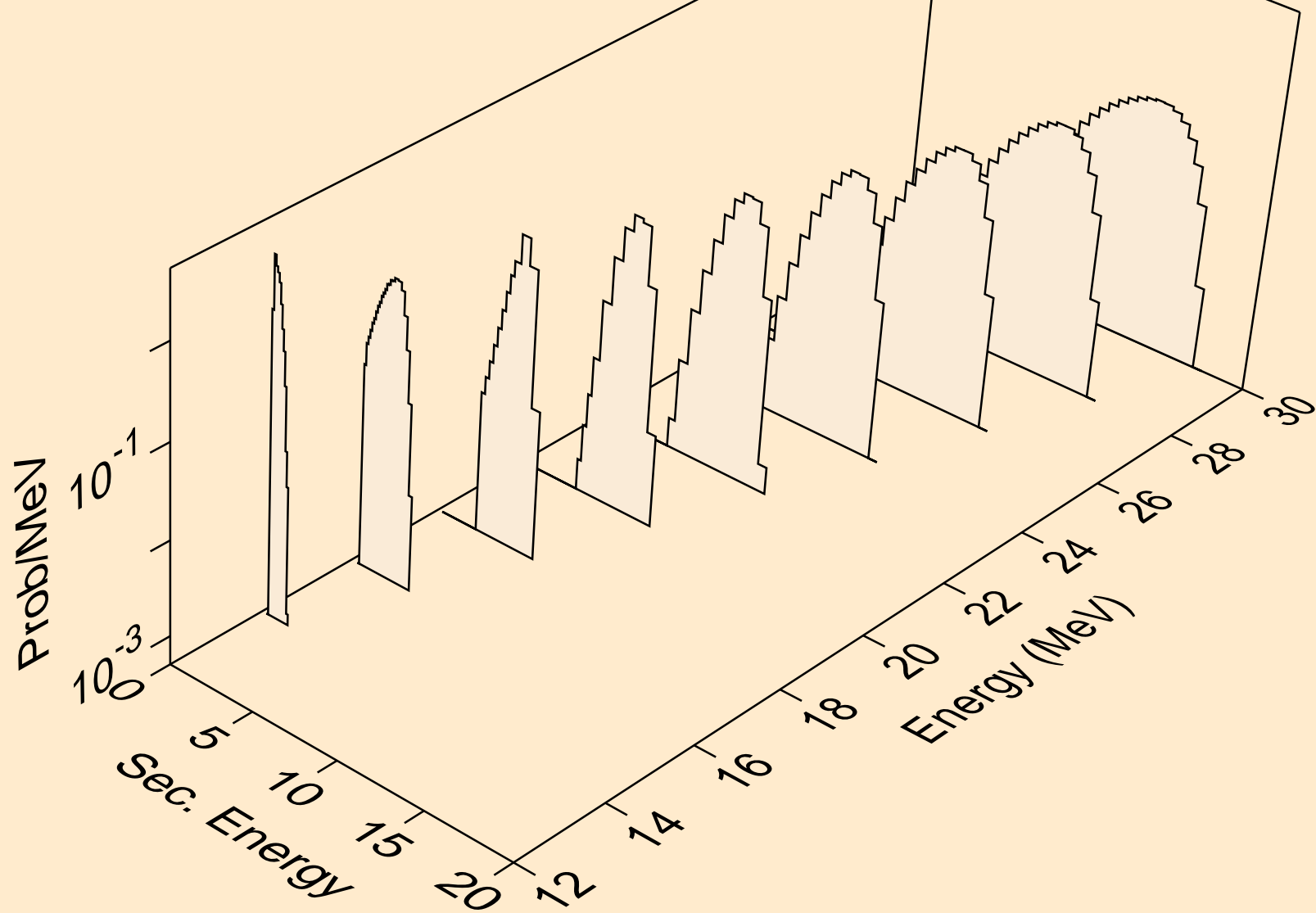
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



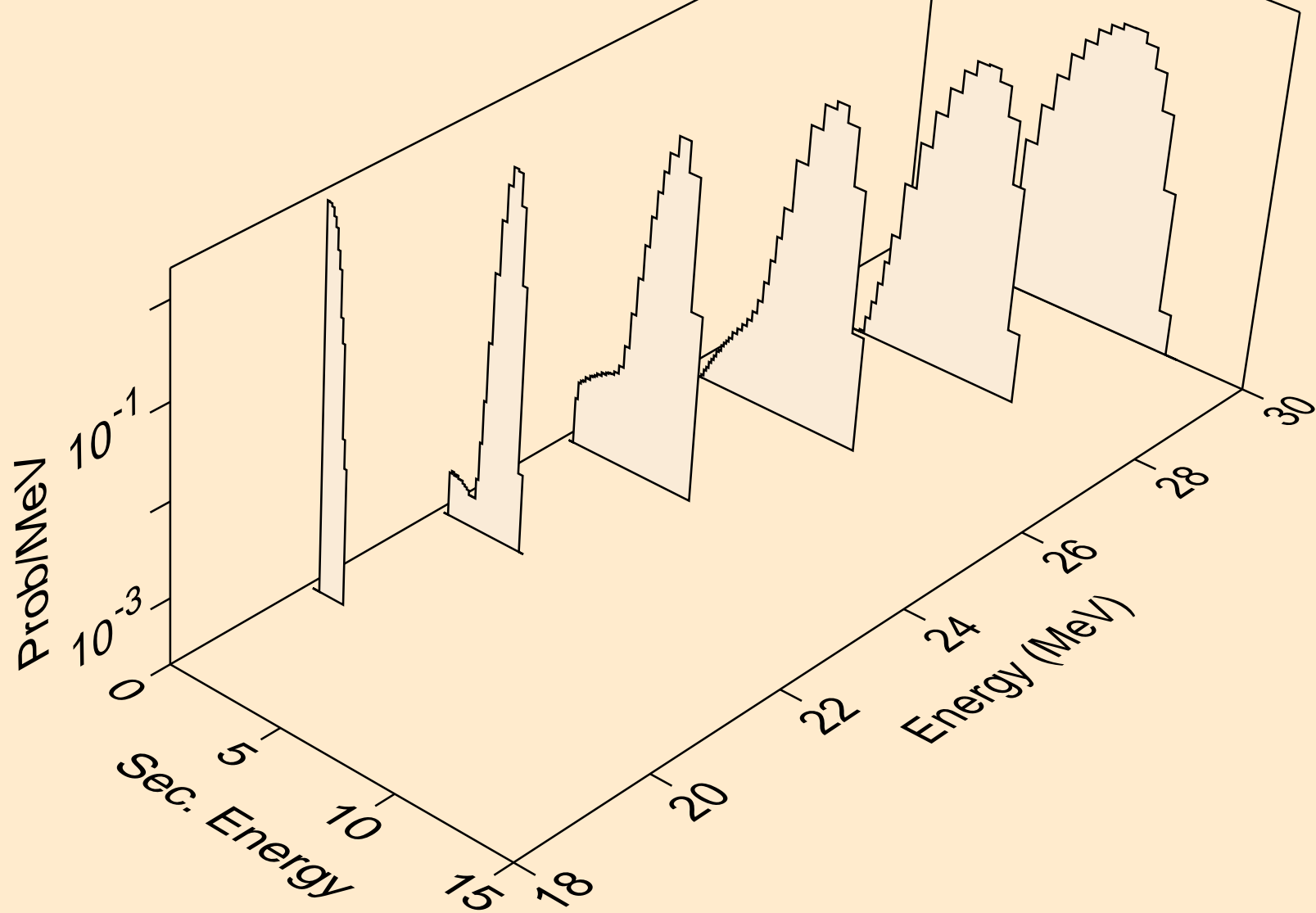
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



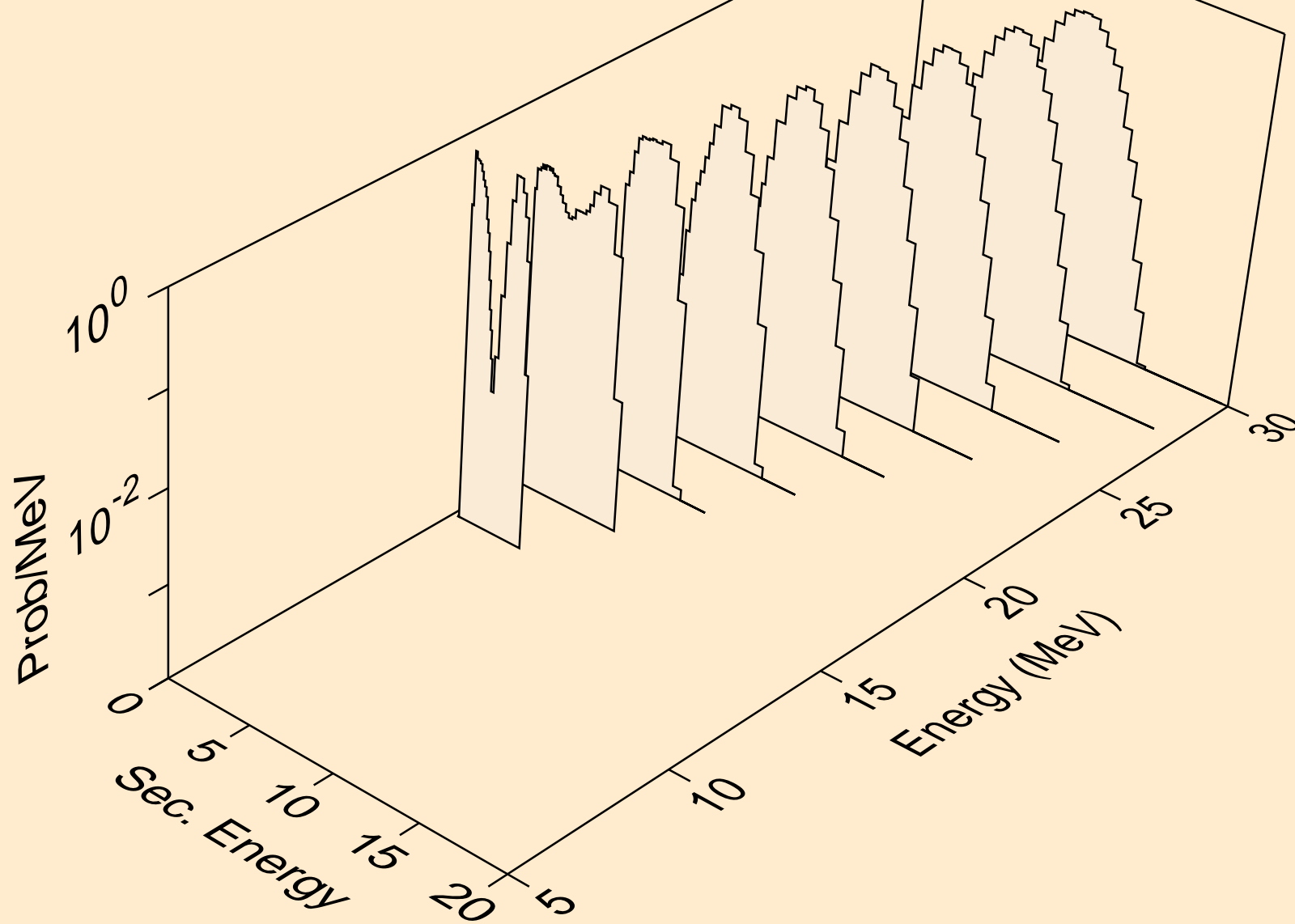
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



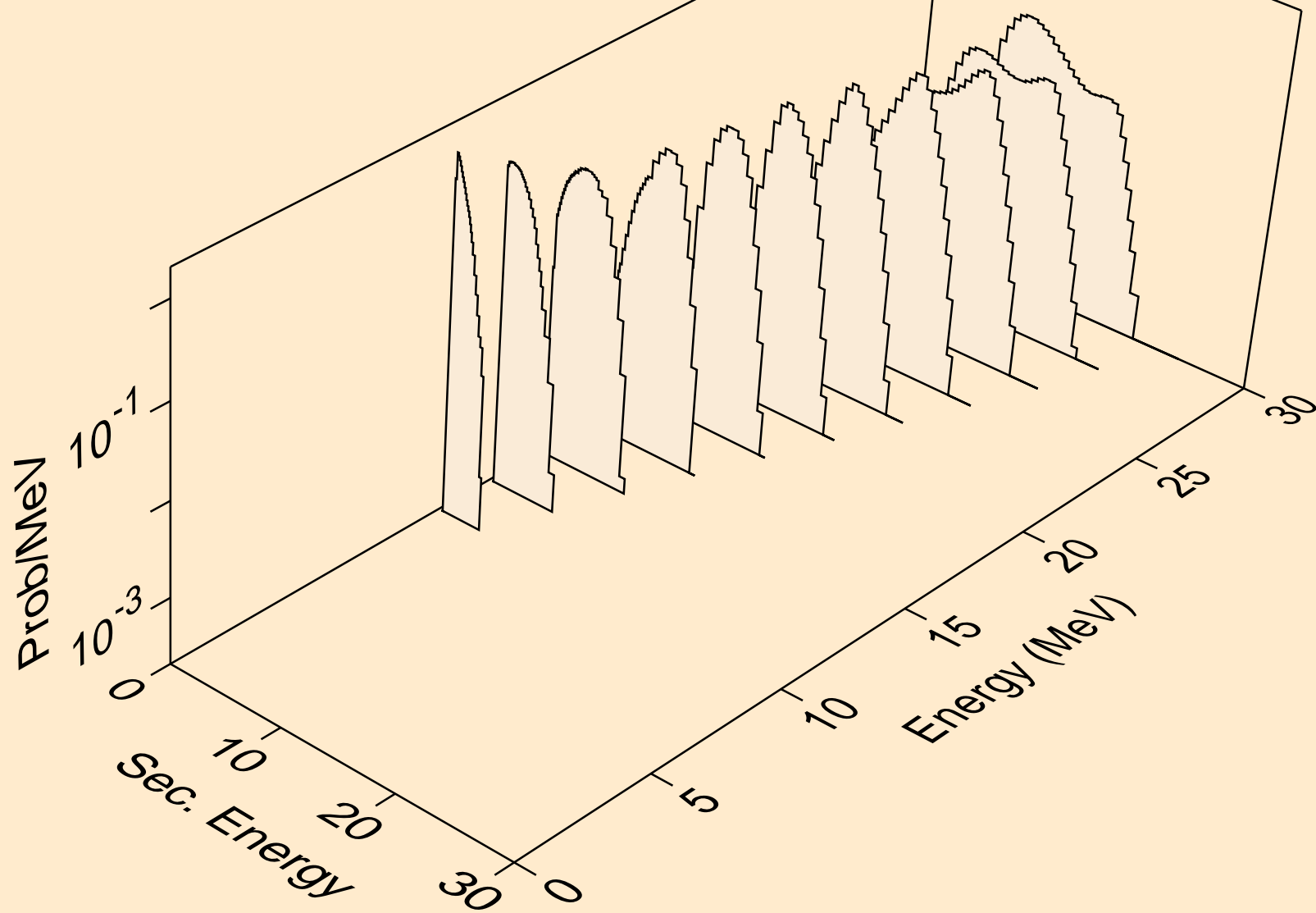
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



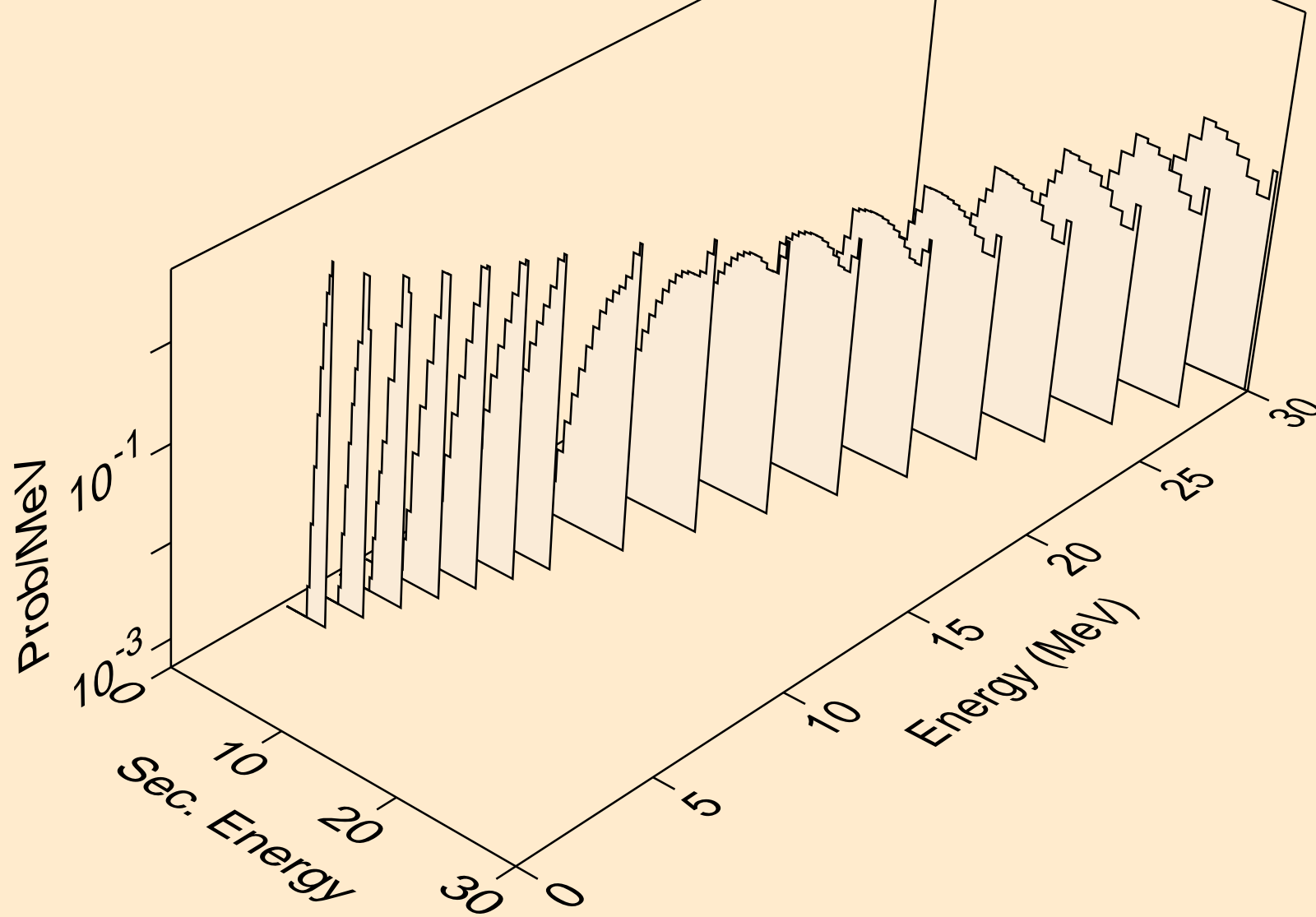
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

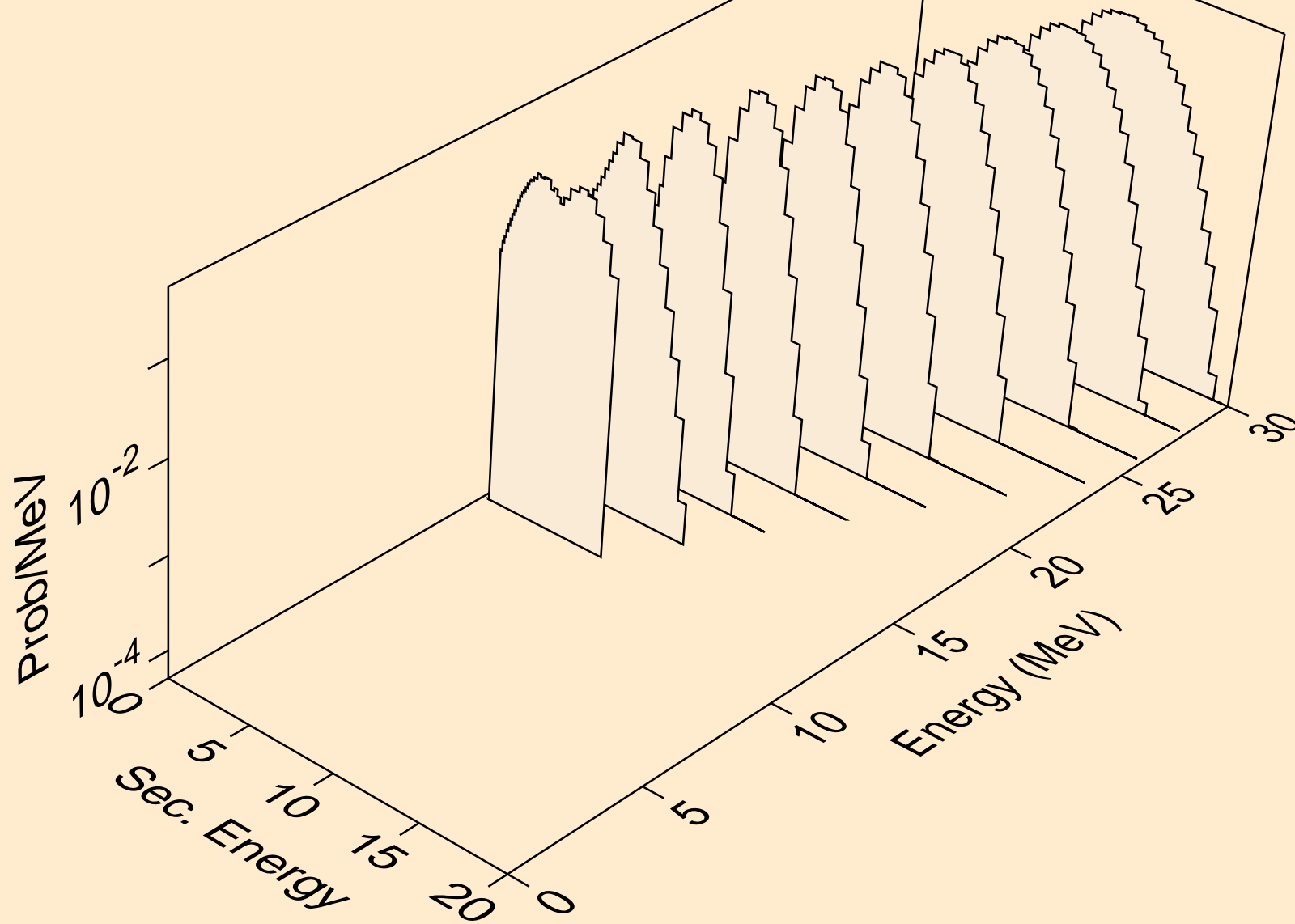


AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

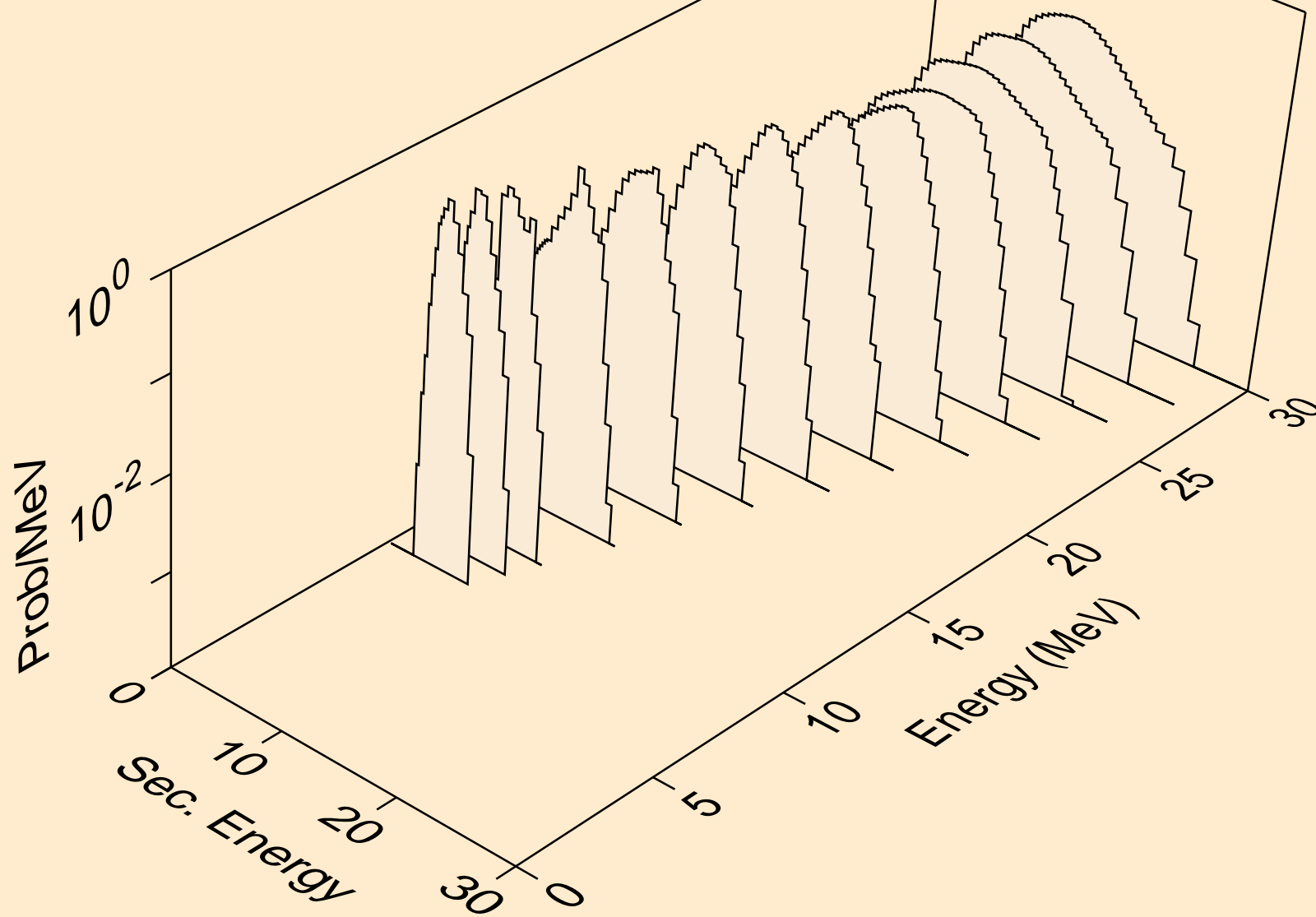




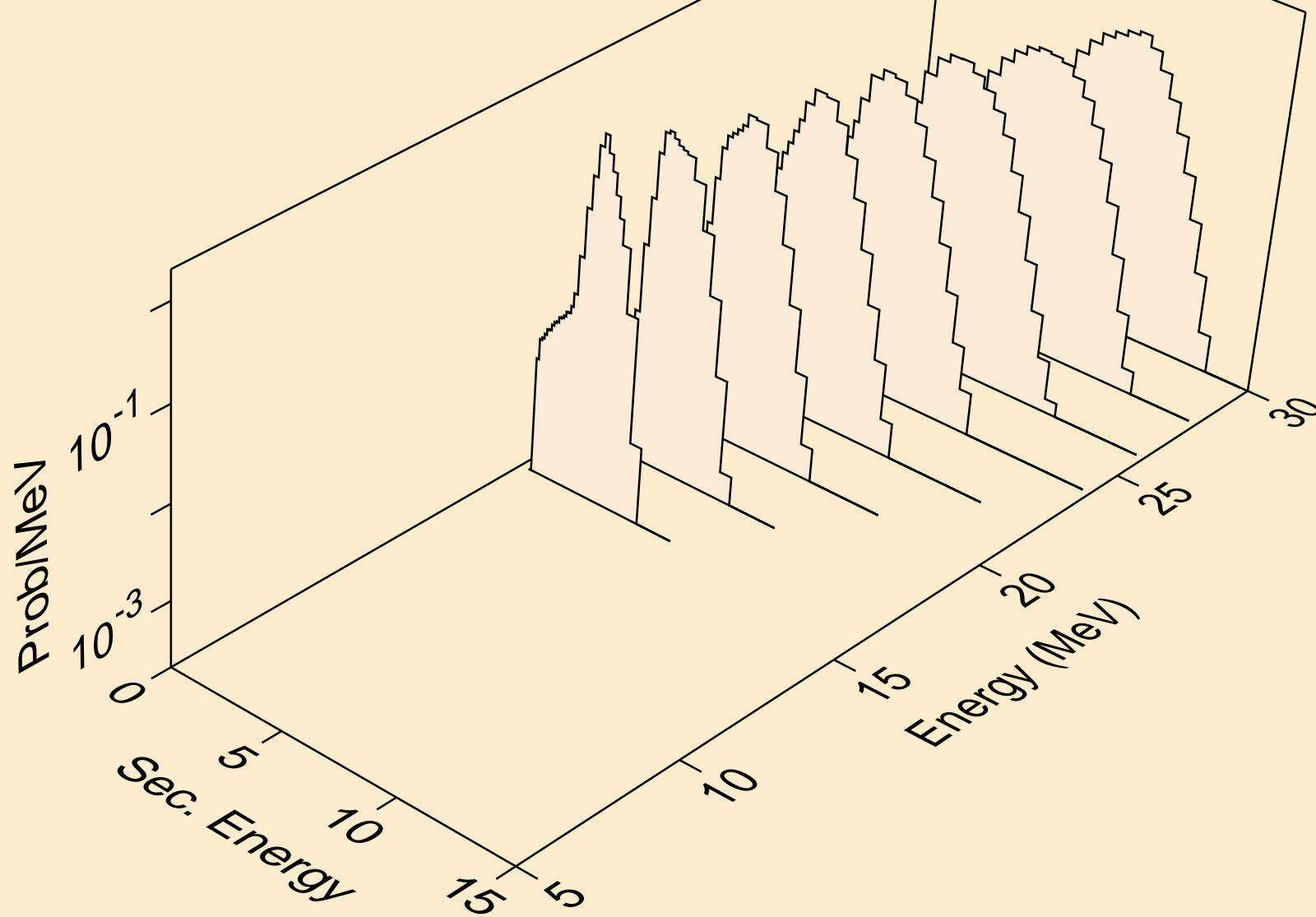
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



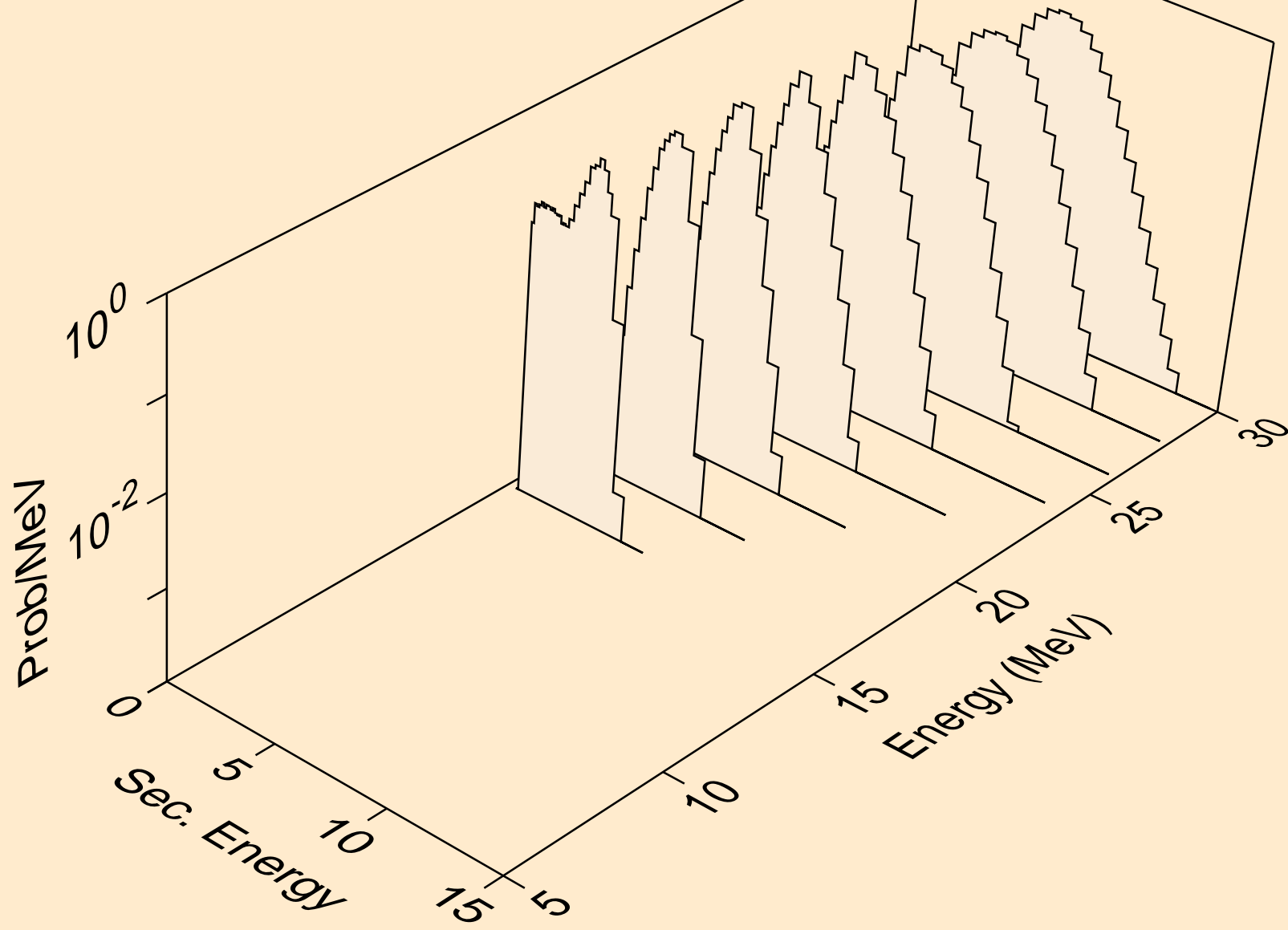
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



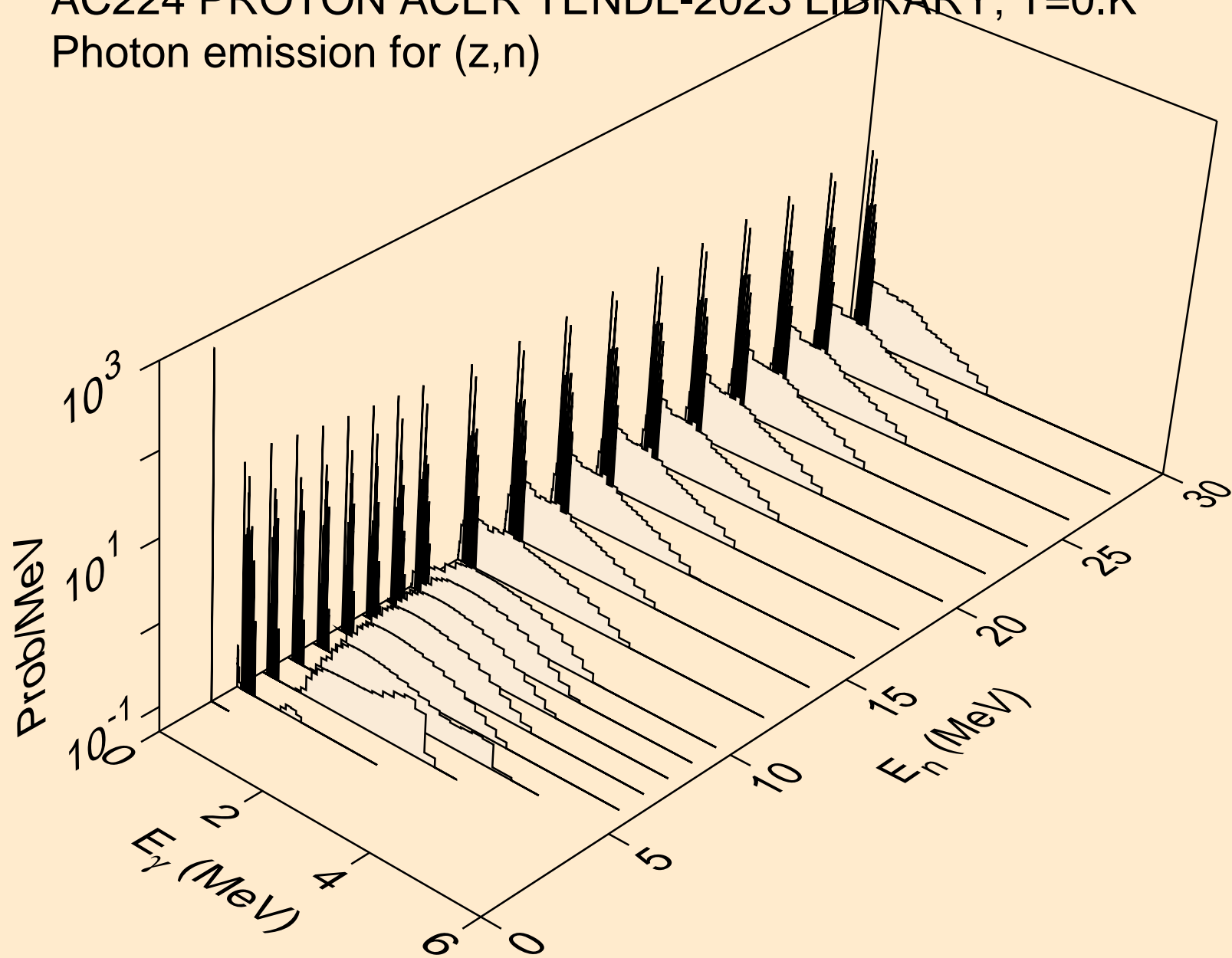
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



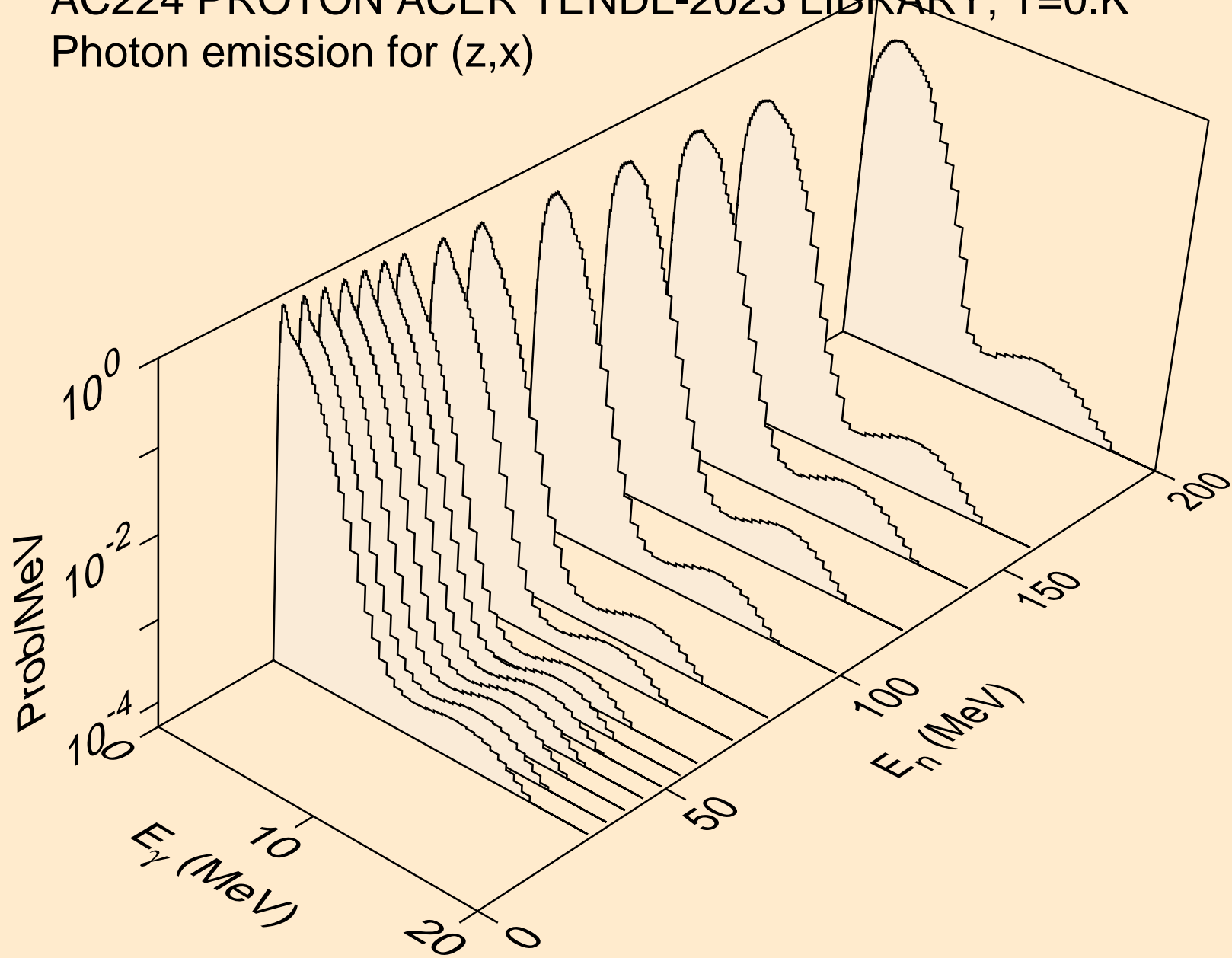
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



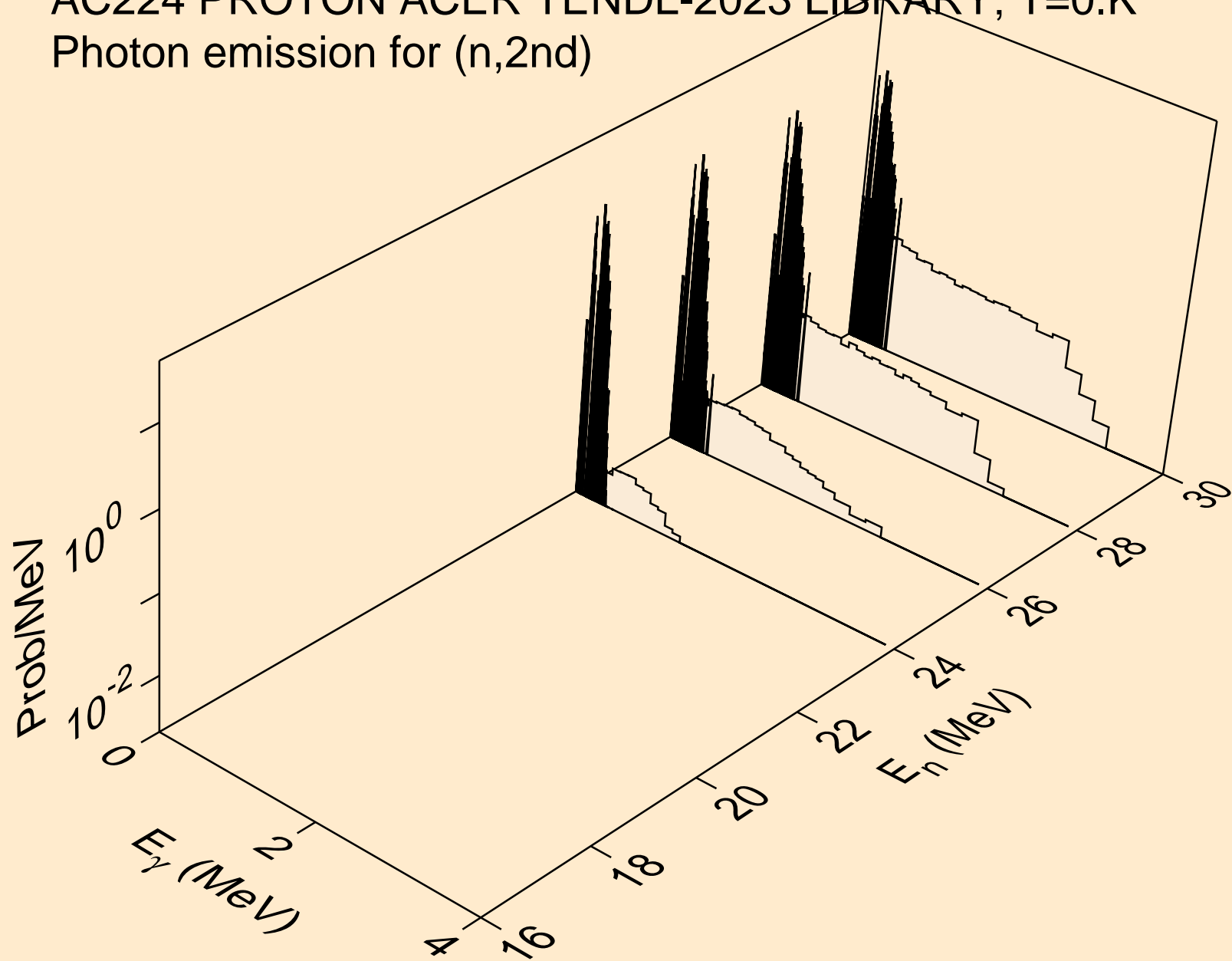
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



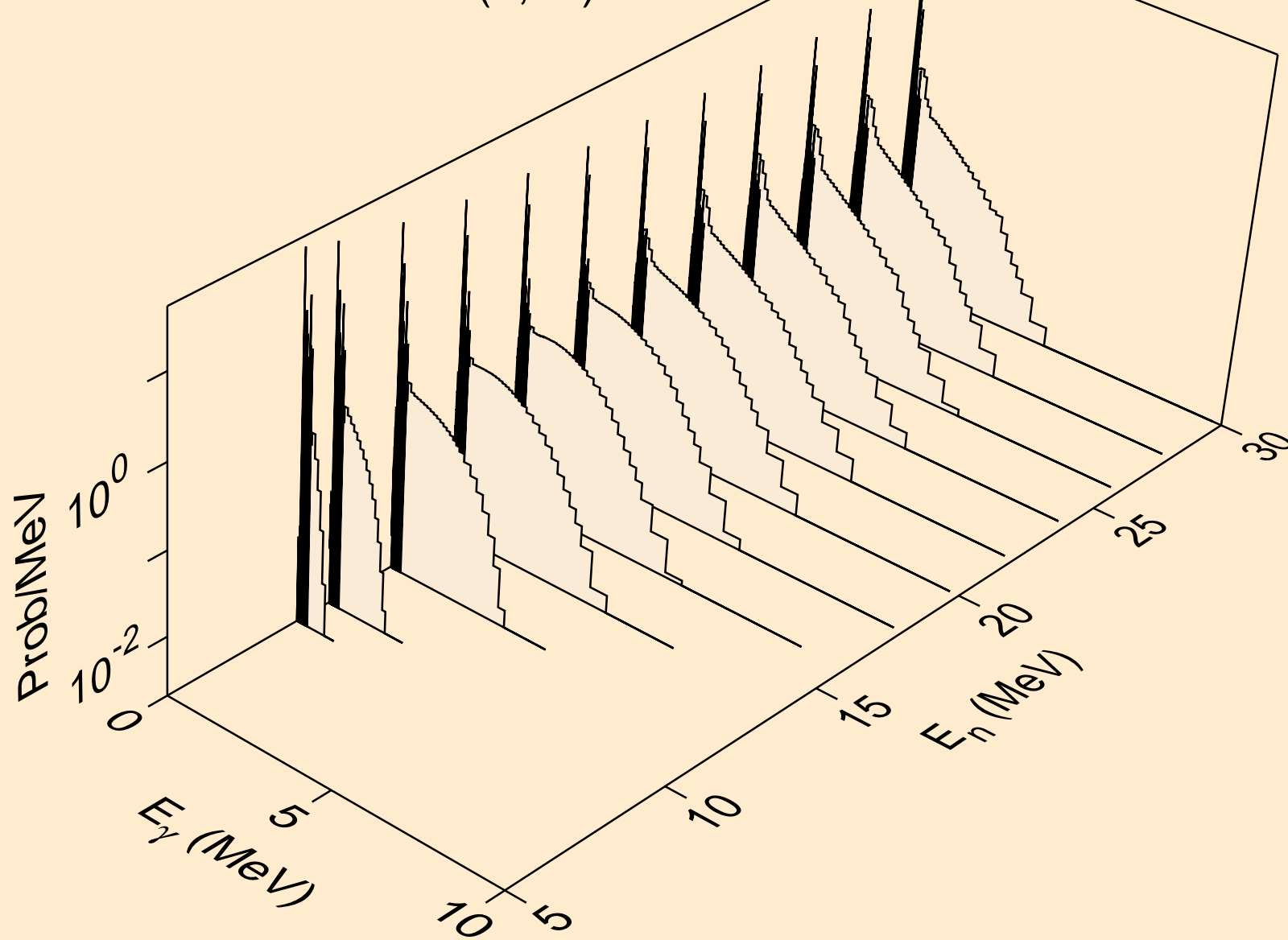
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

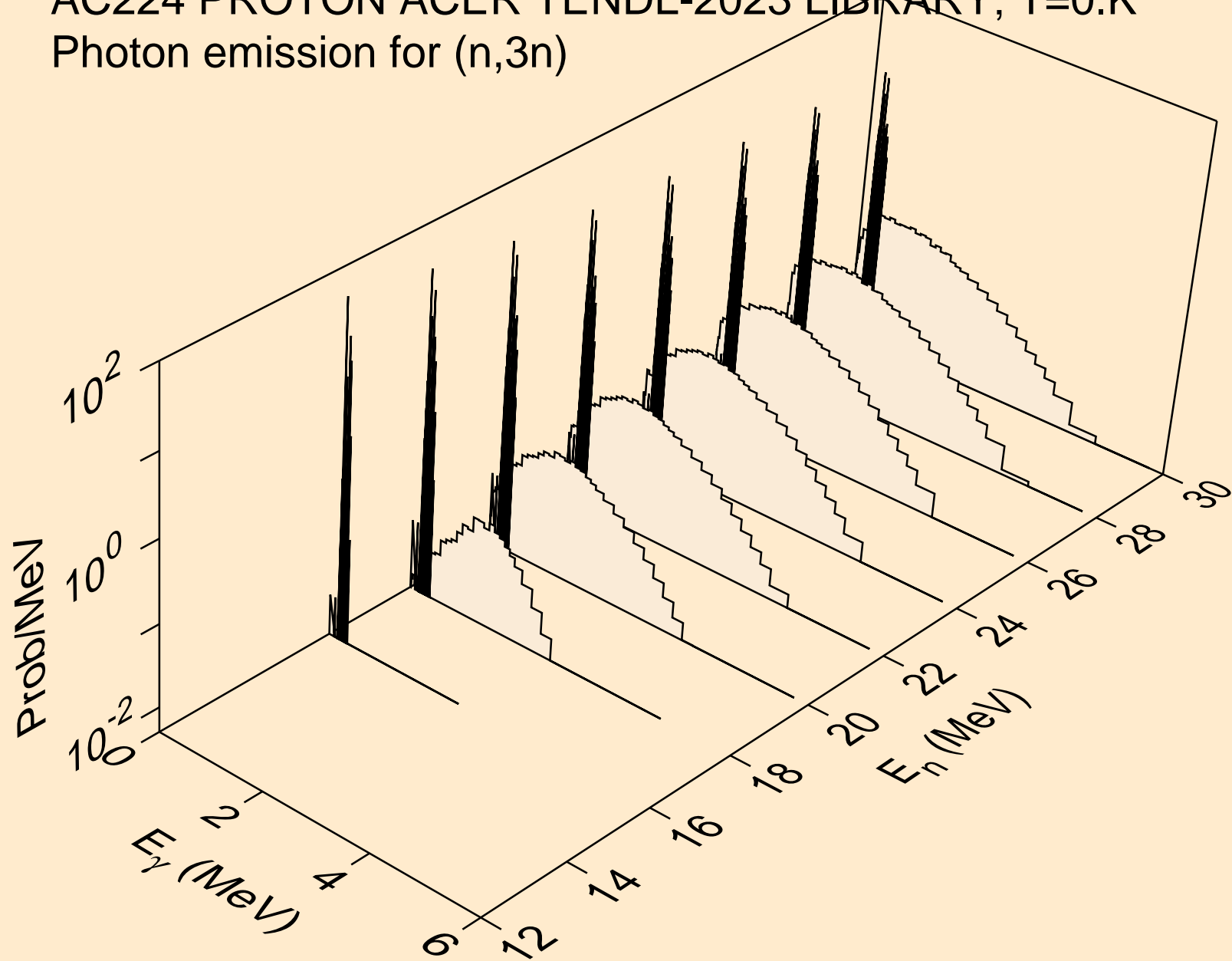


AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

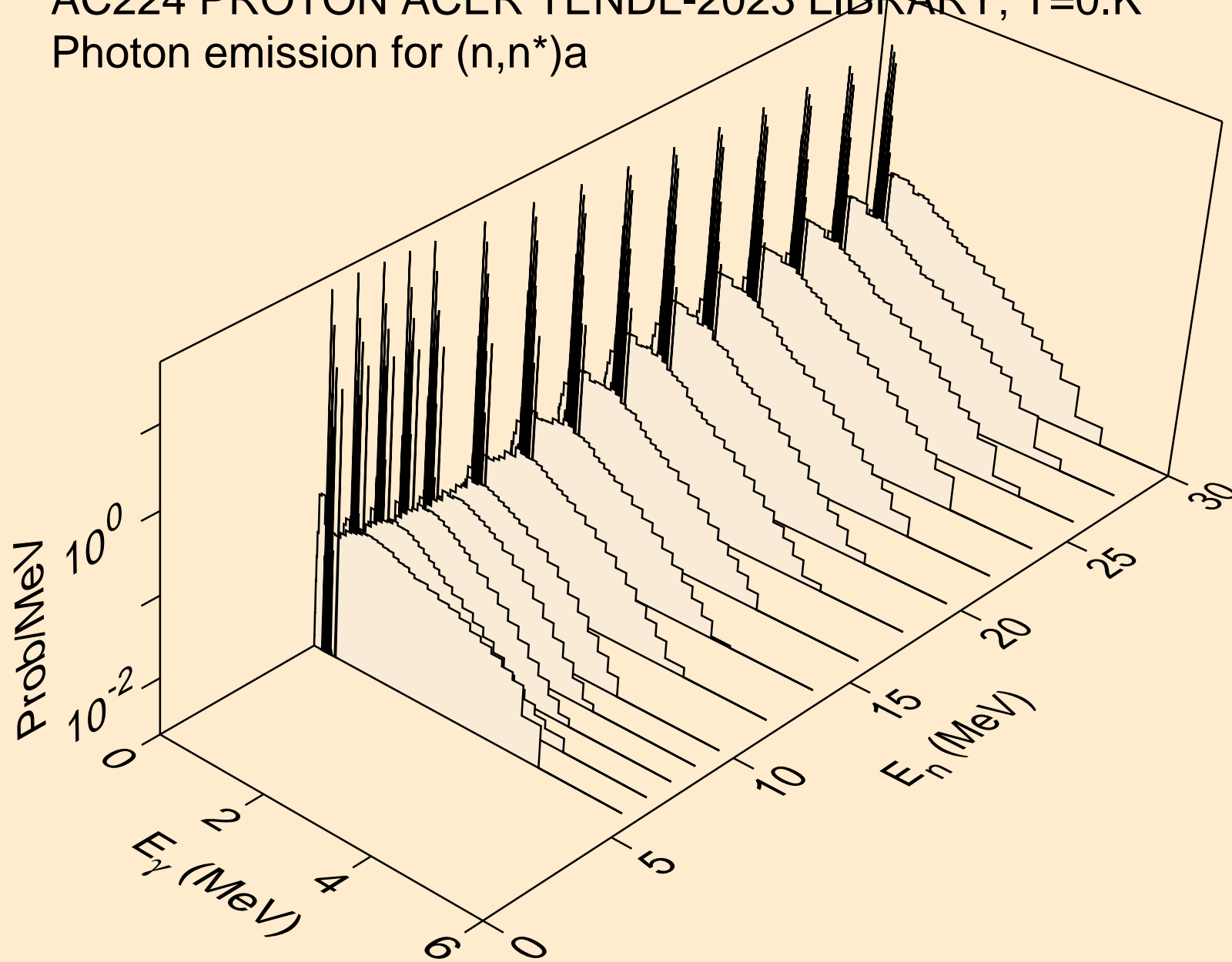




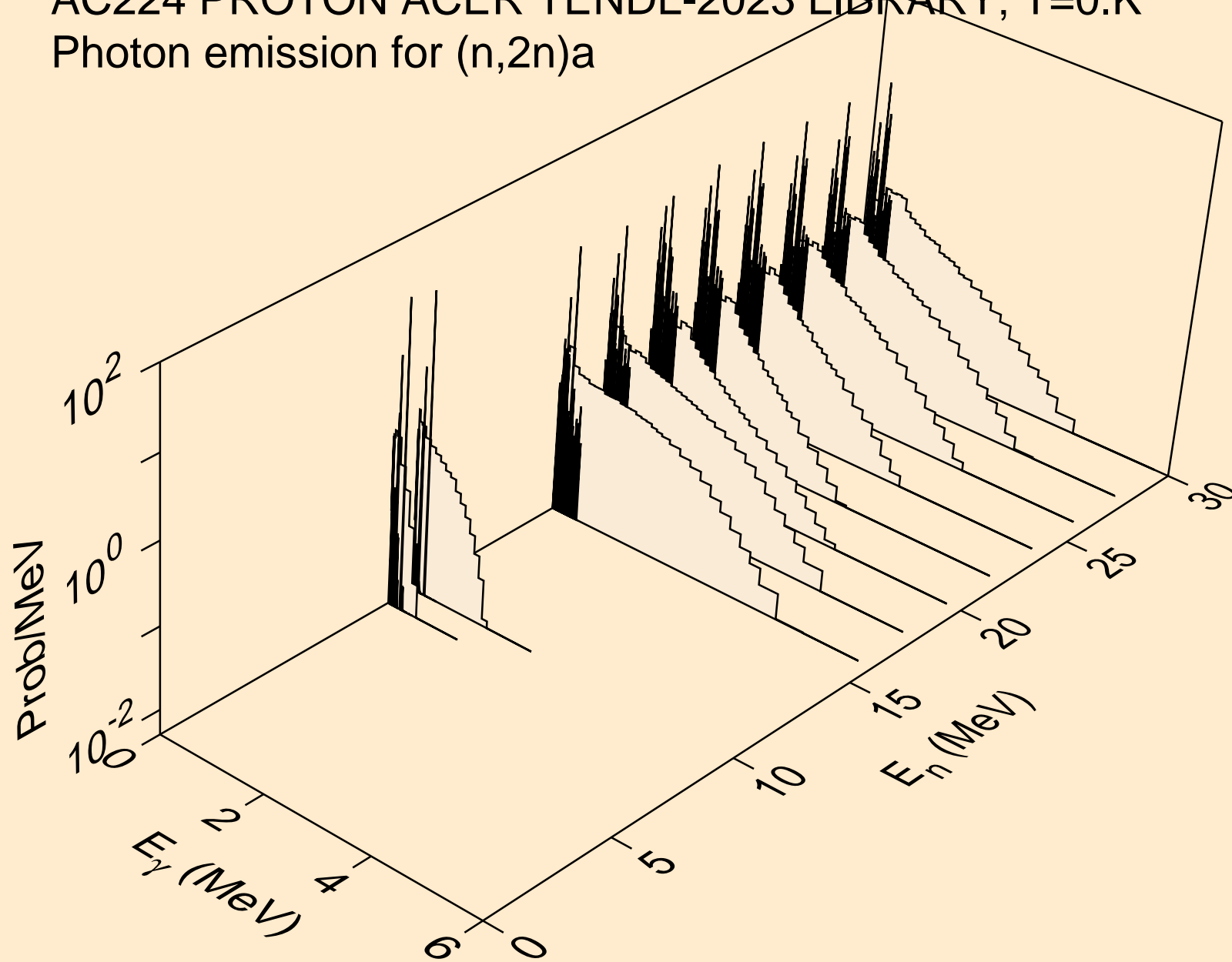
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Photon emission for (n,3n)



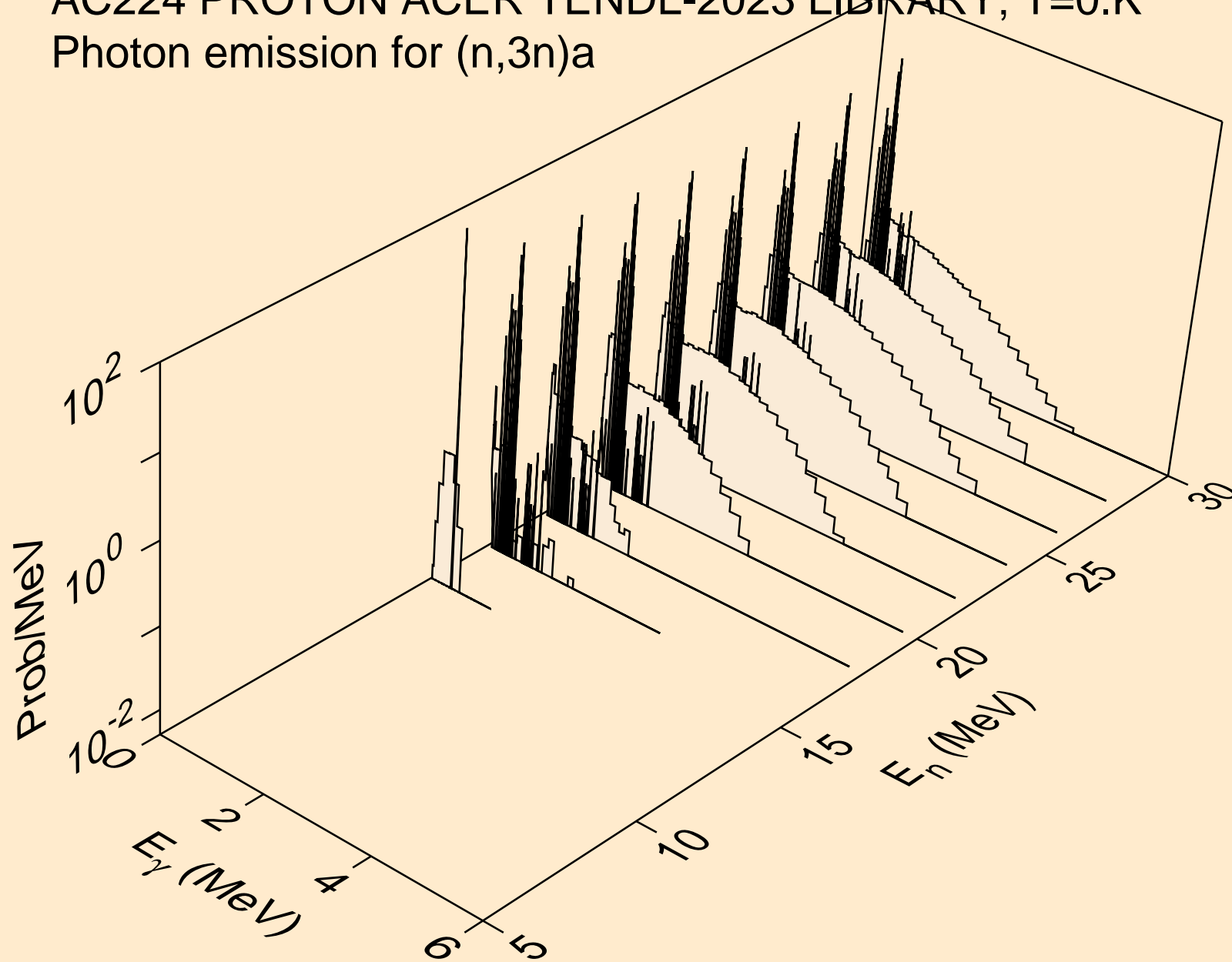
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



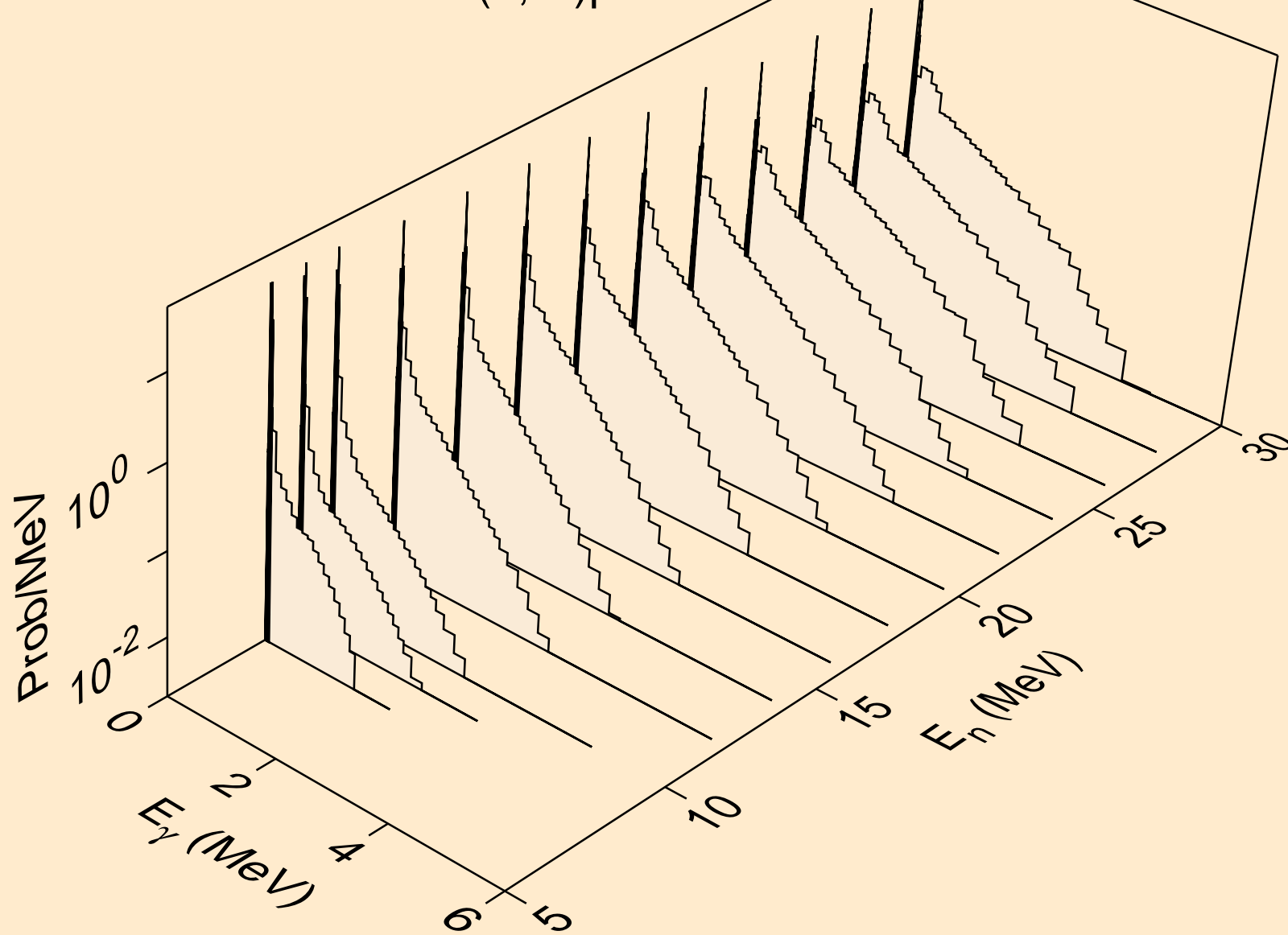
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Photon emission for (n,2n)a



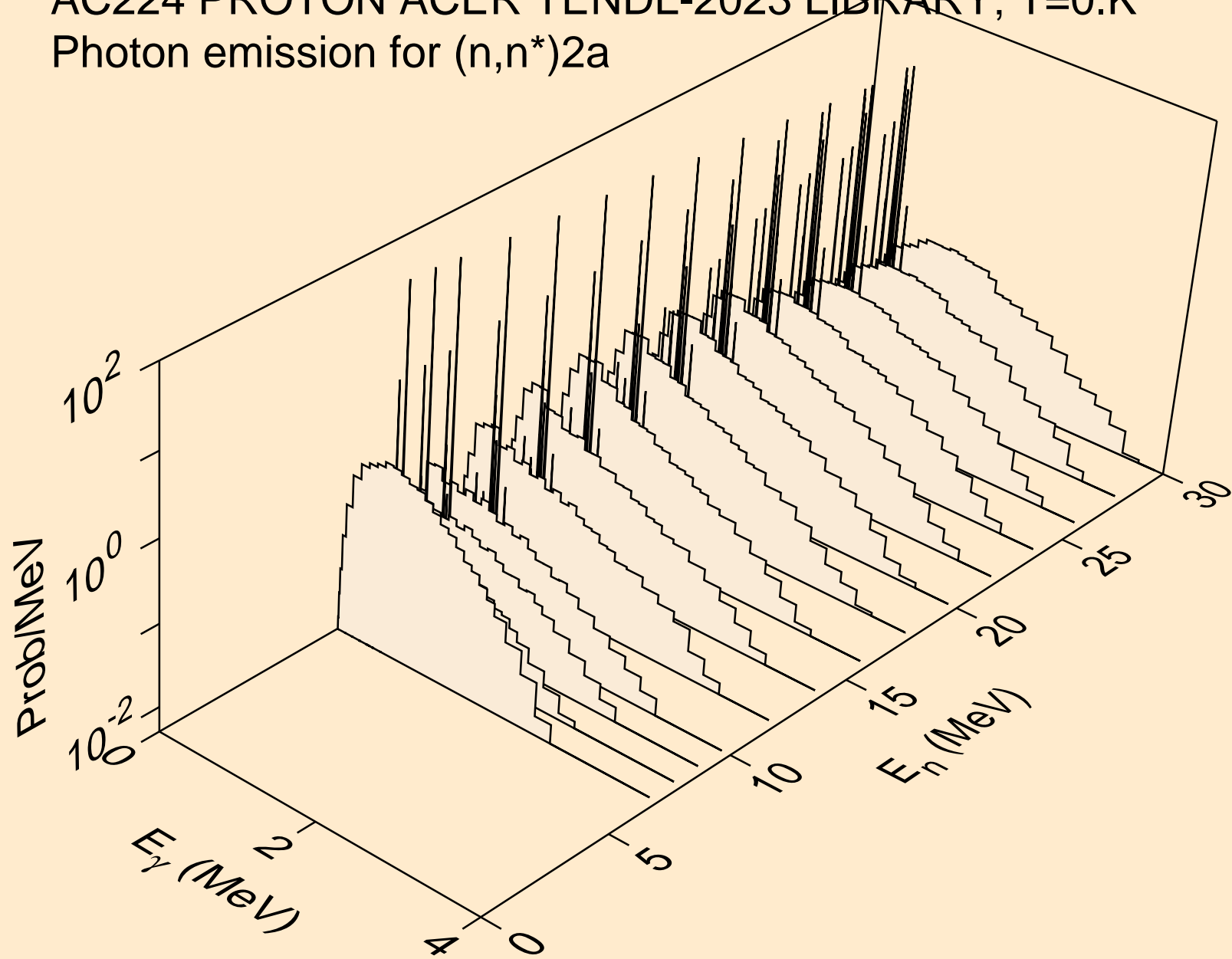
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Photon emission for (n,3n)a



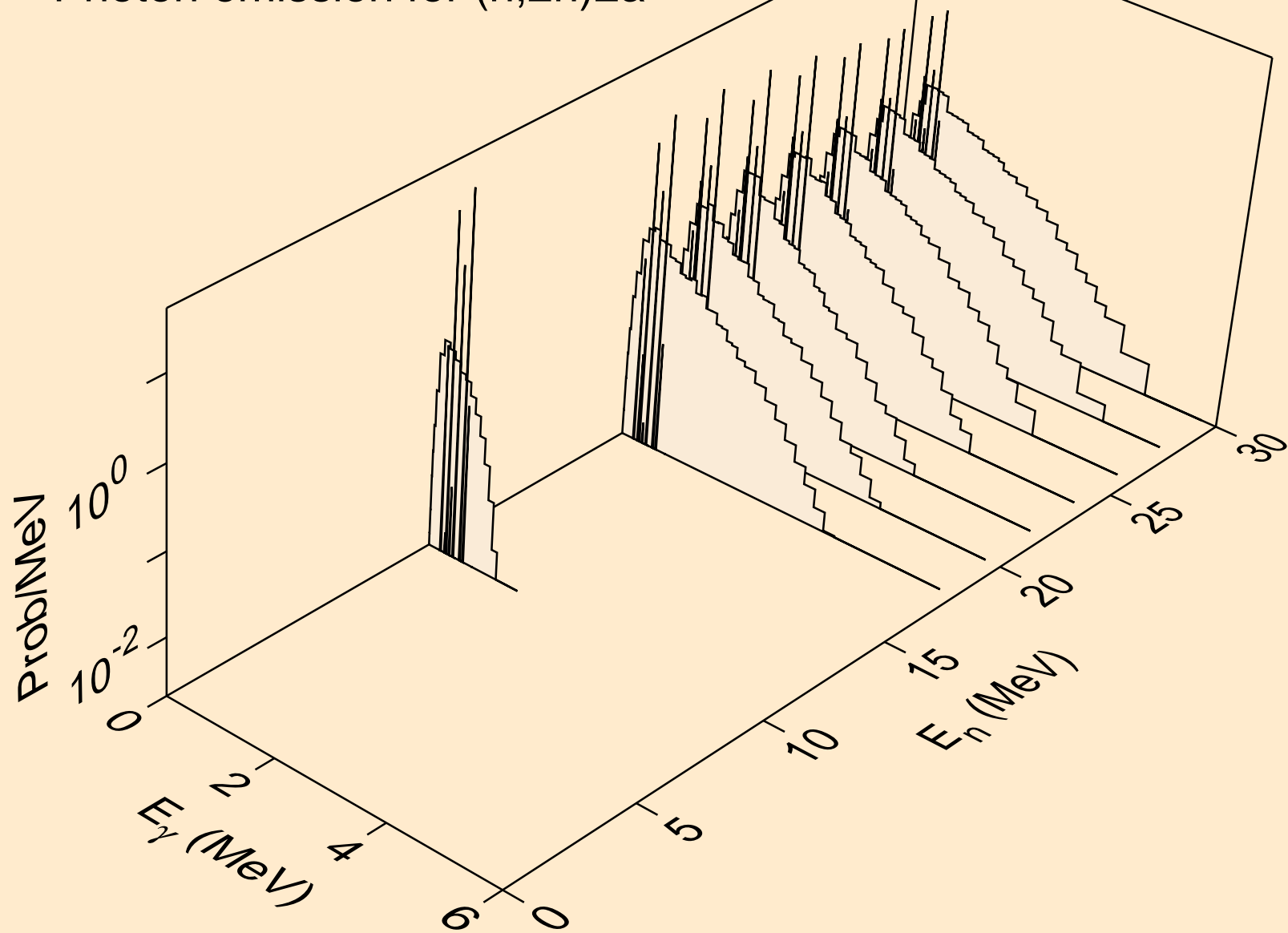
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Photon emission for (n,n\*)p



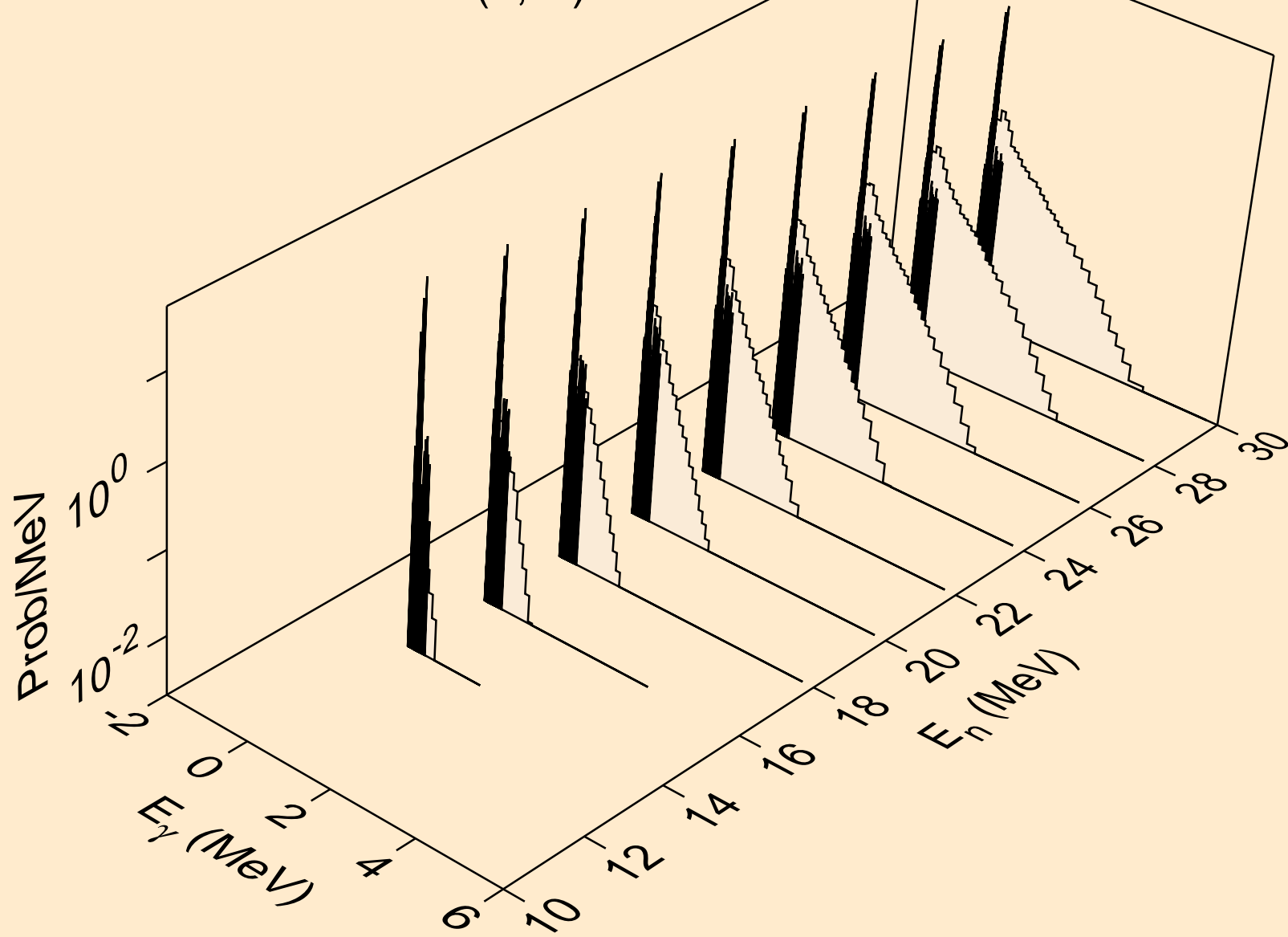
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

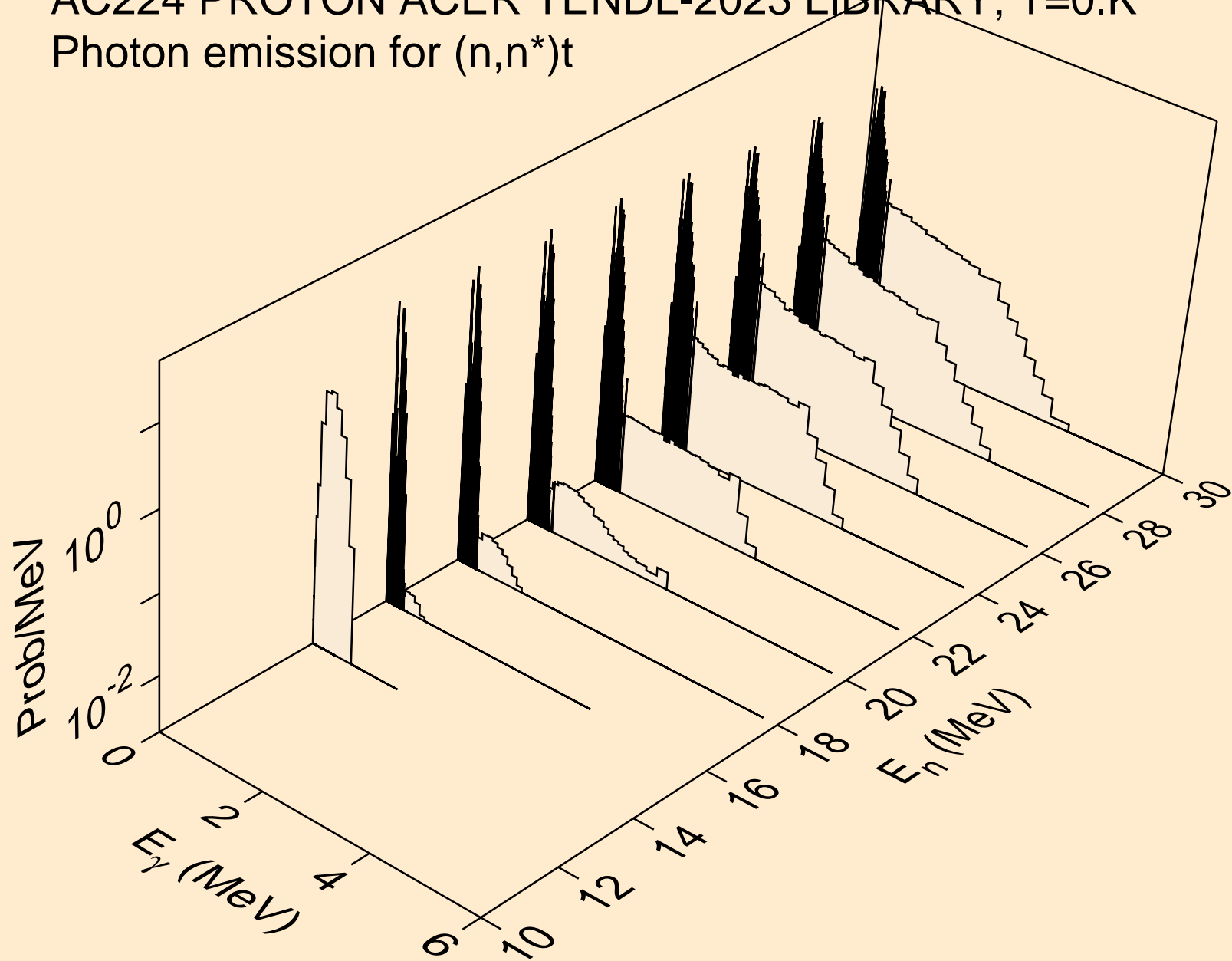


AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

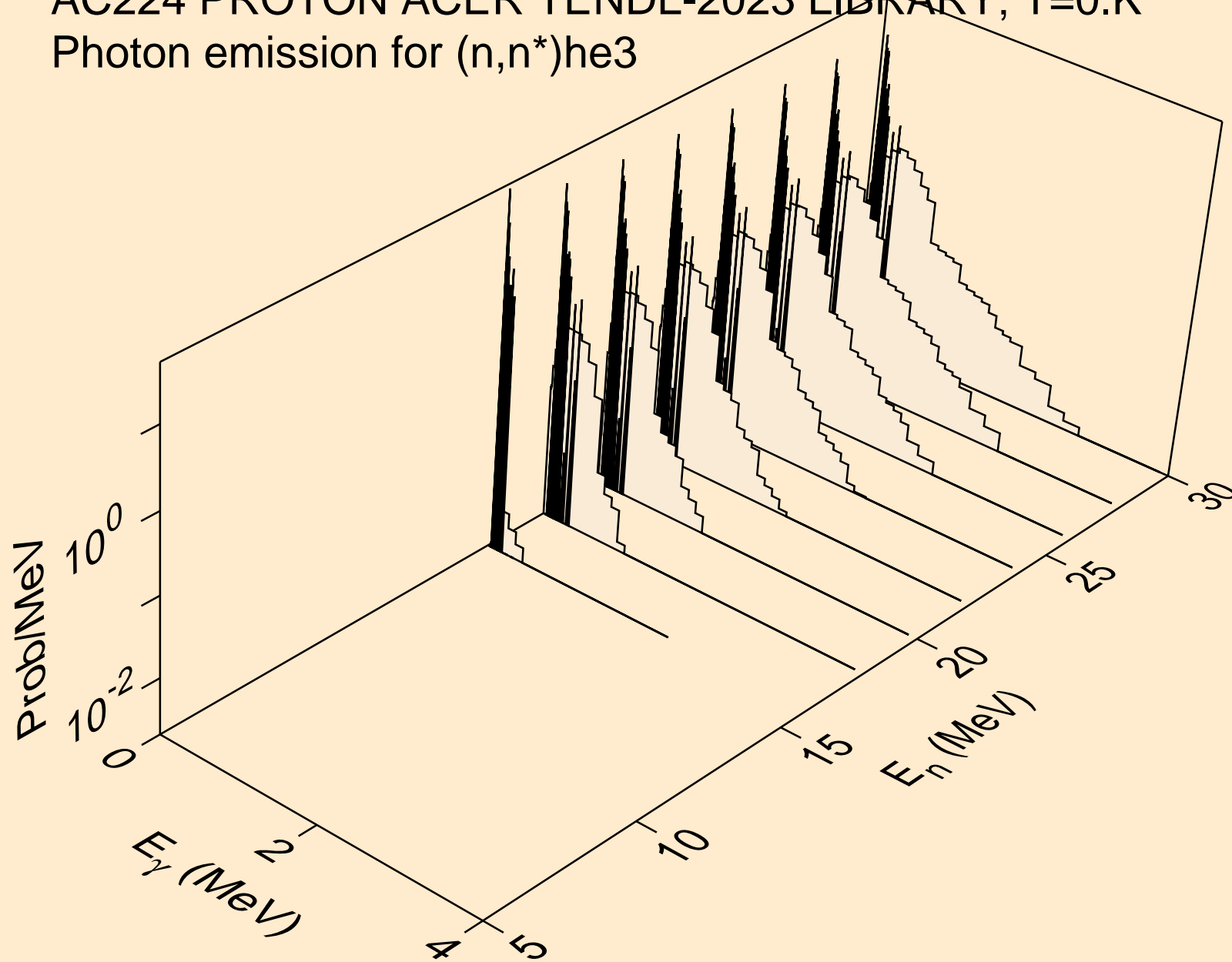




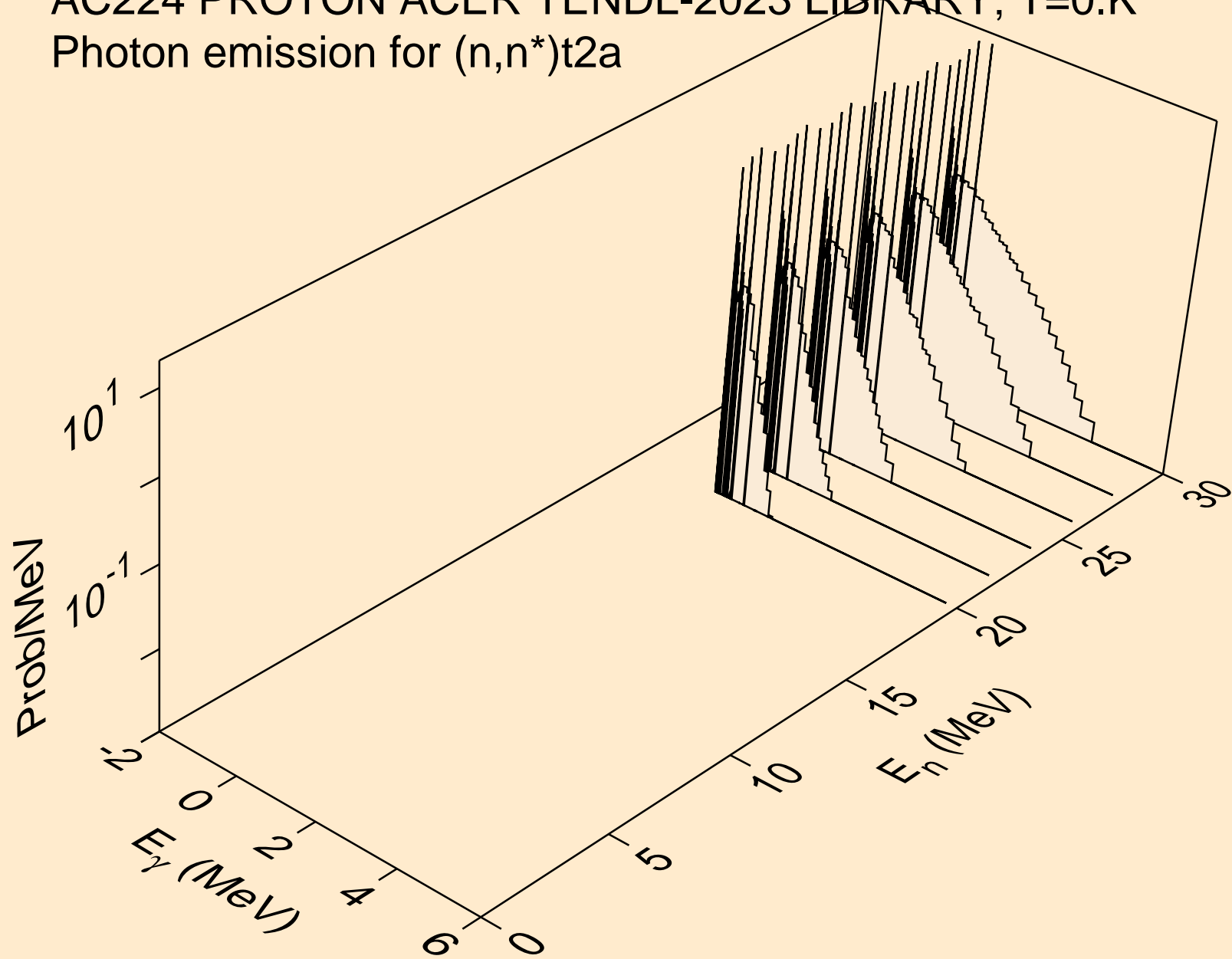
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Photon emission for (n,n\*)t



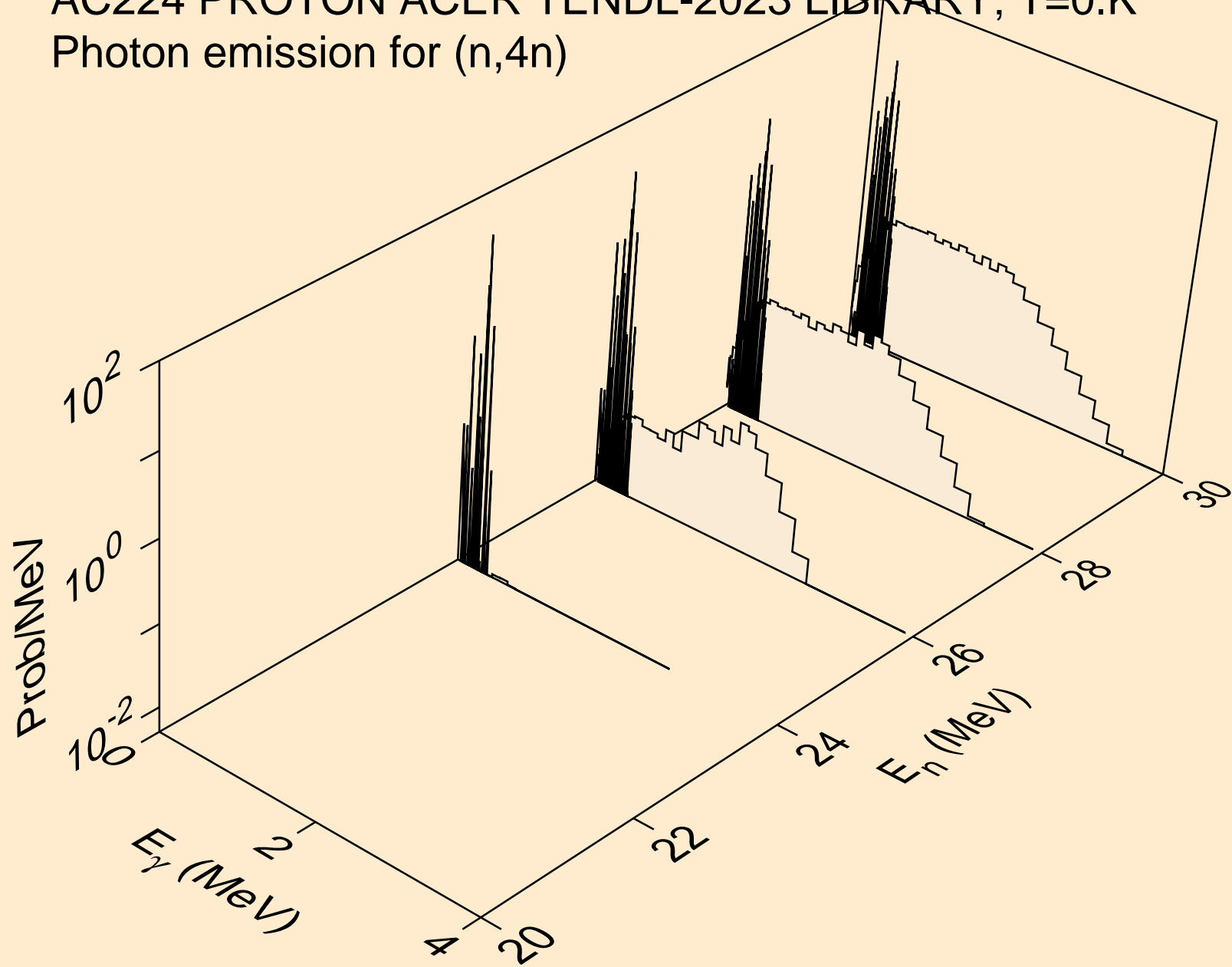
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Photon emission for (n,n\*)he3



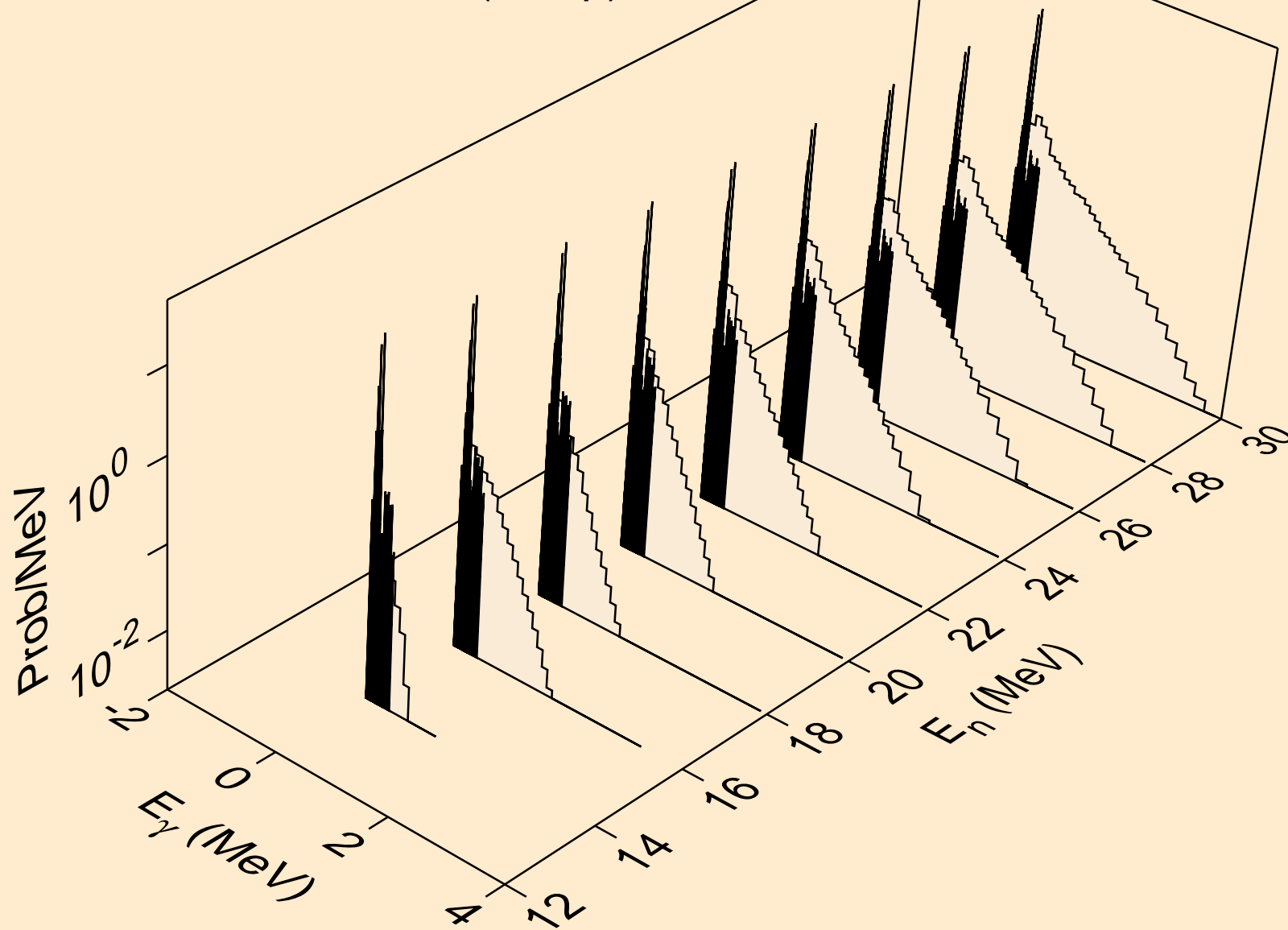
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Photon emission for (n,n\*)t2a



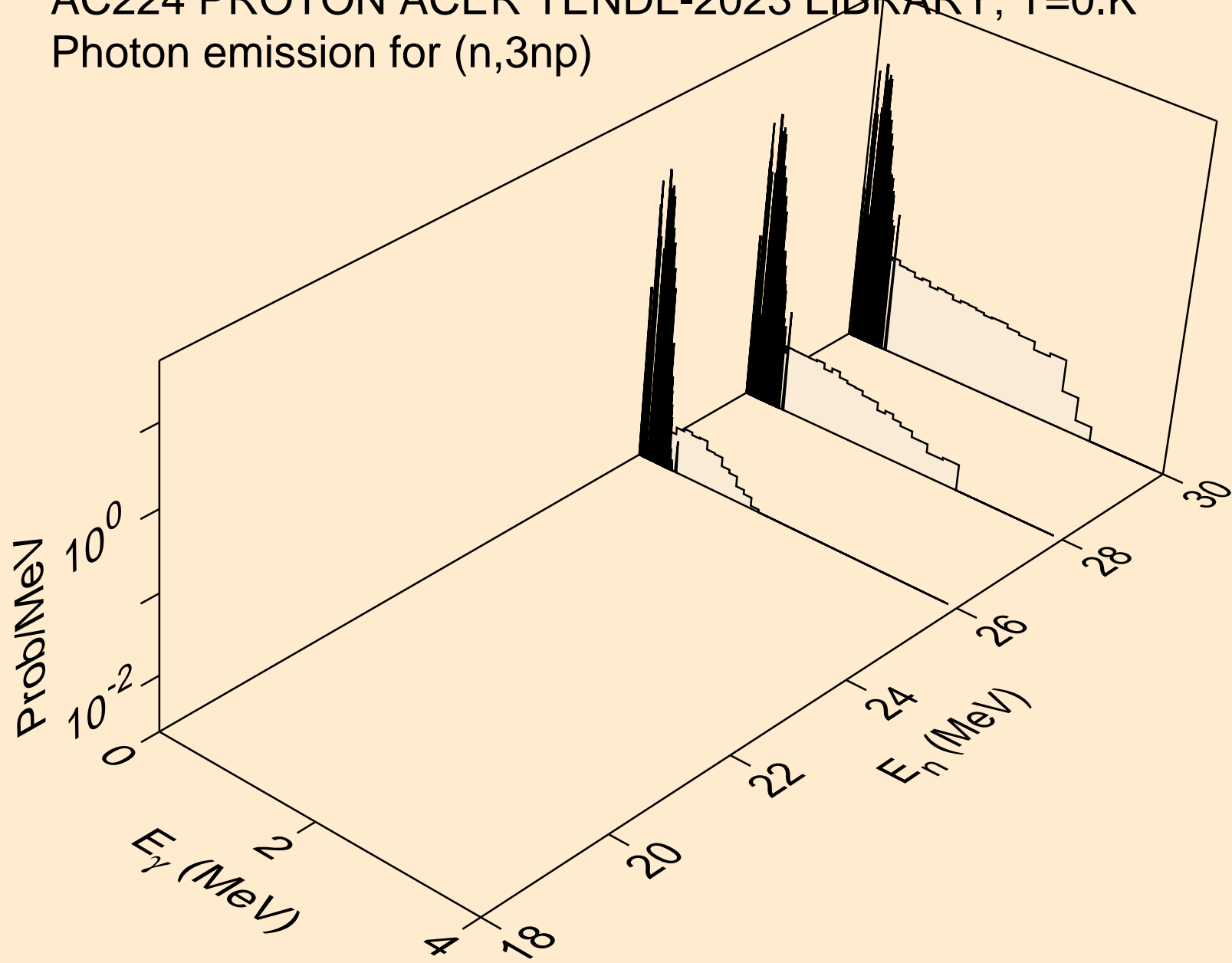
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Photon emission for (n,4n)



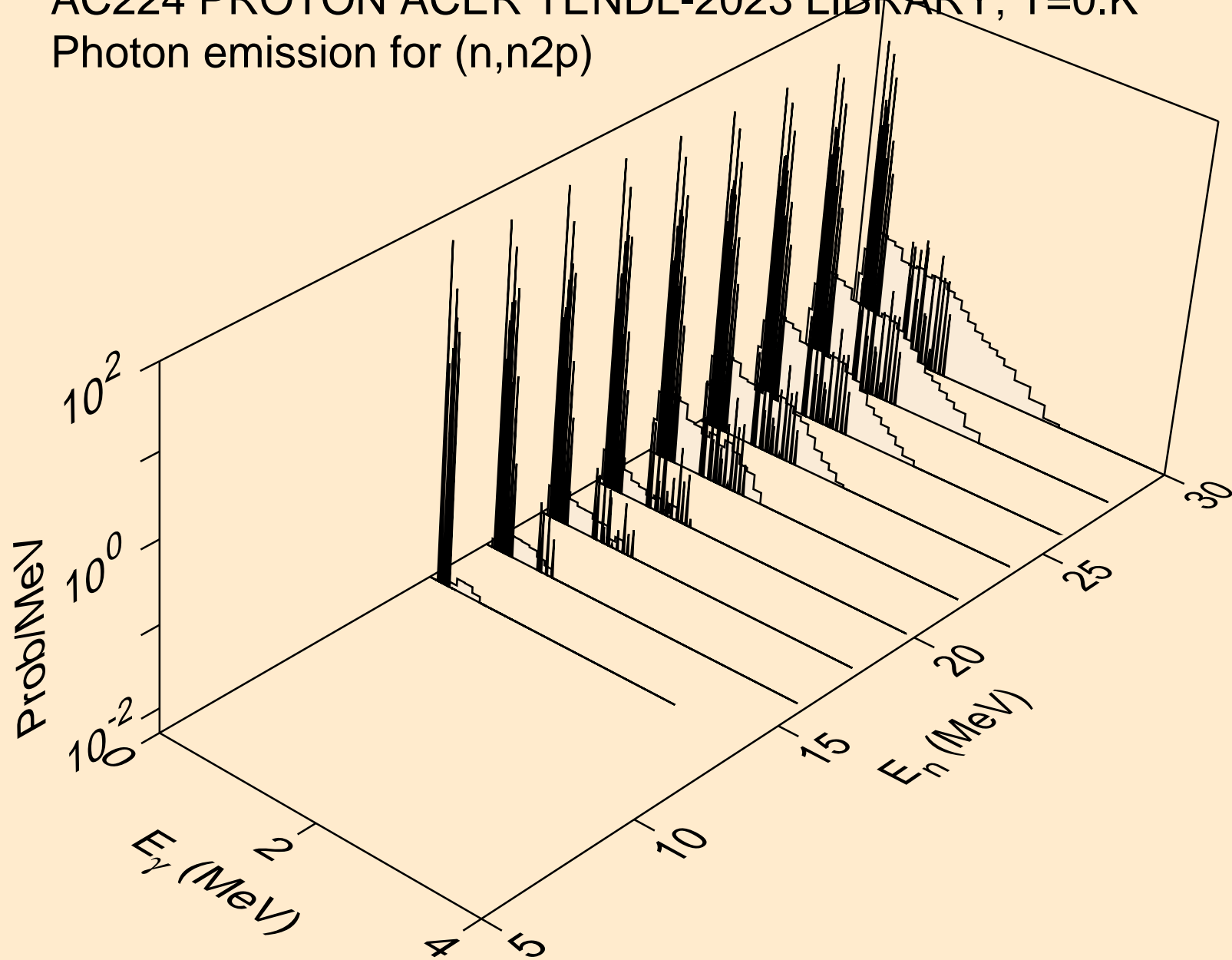
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Photon emission for (n,2np)



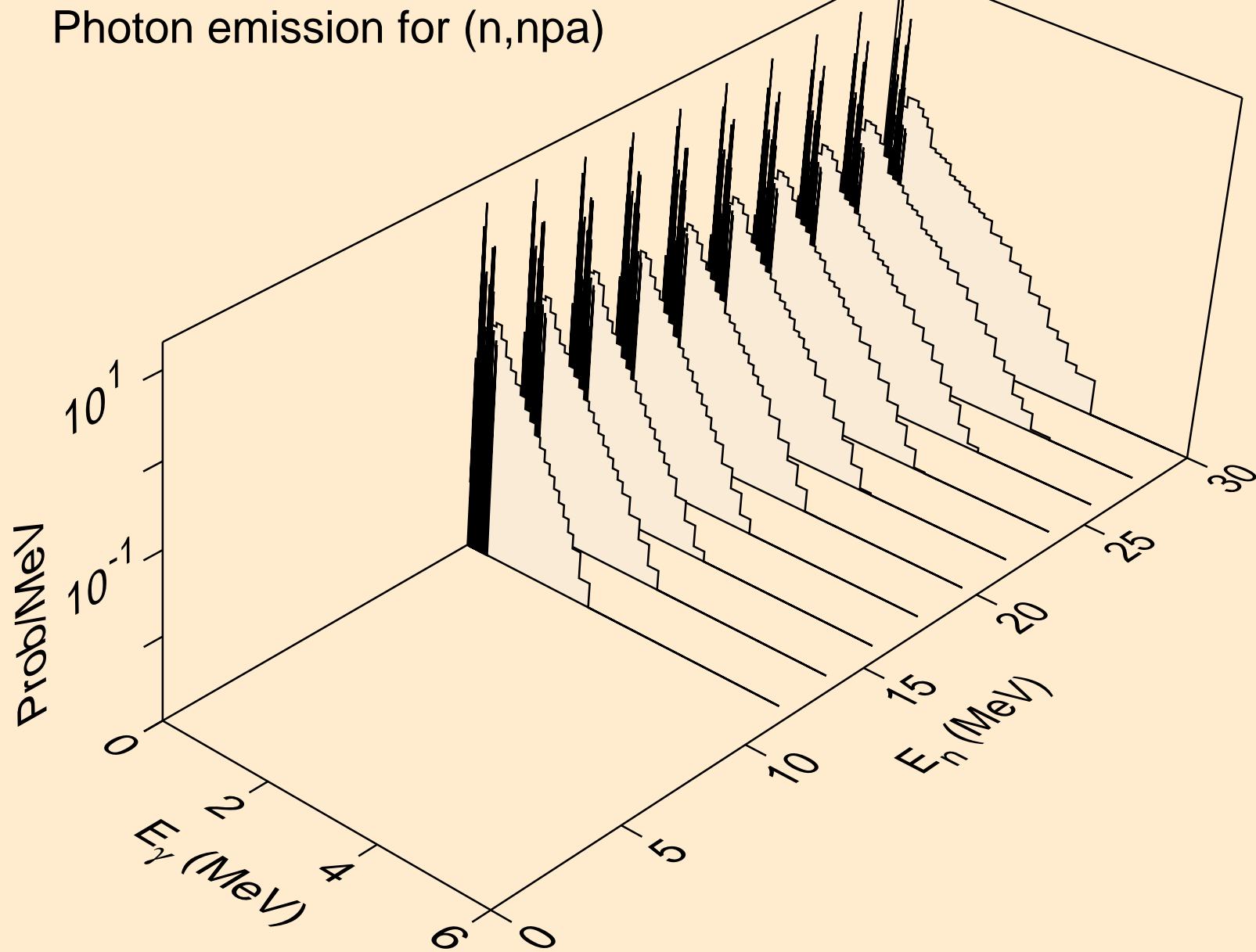
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

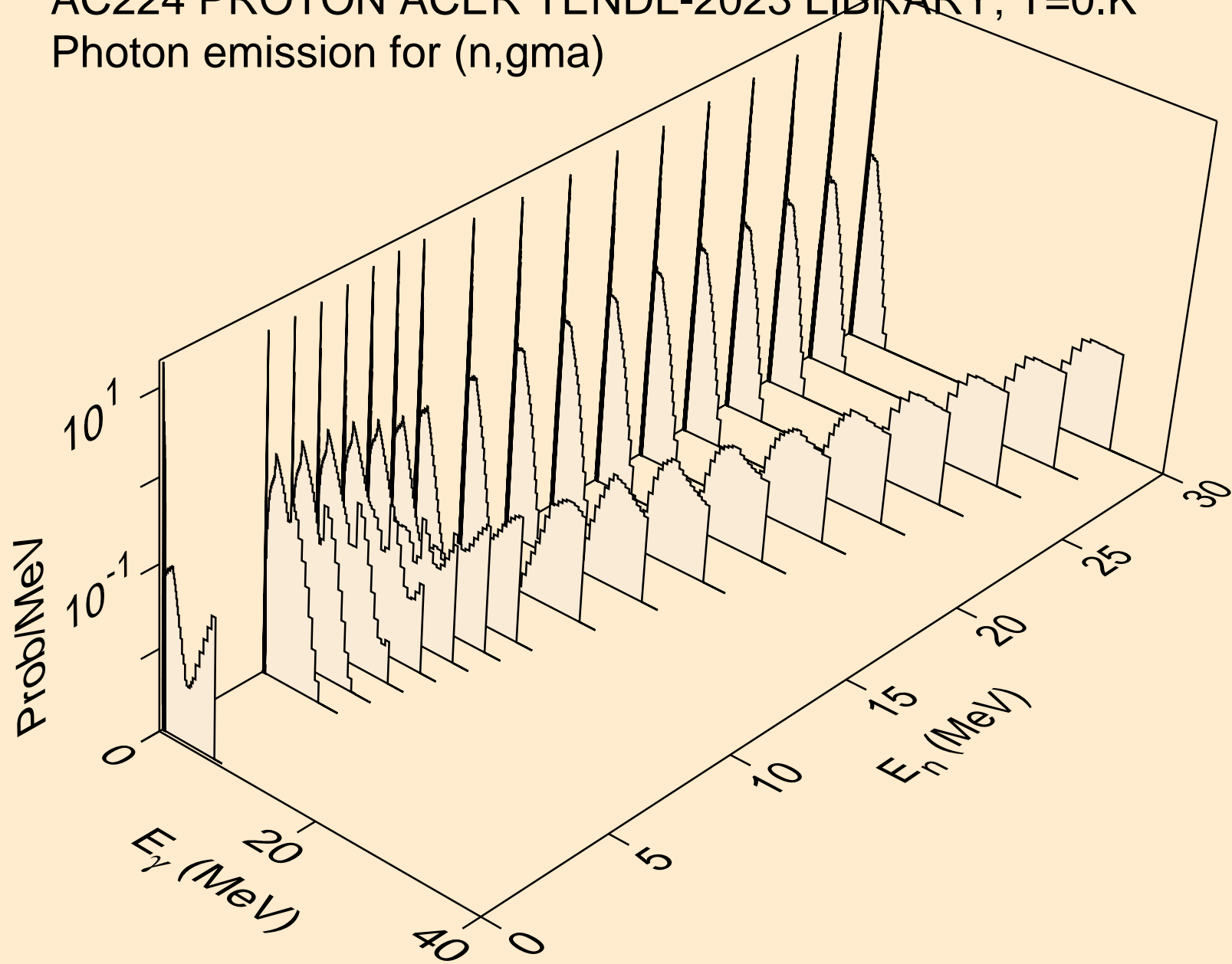


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Photon emission for (n,npa)

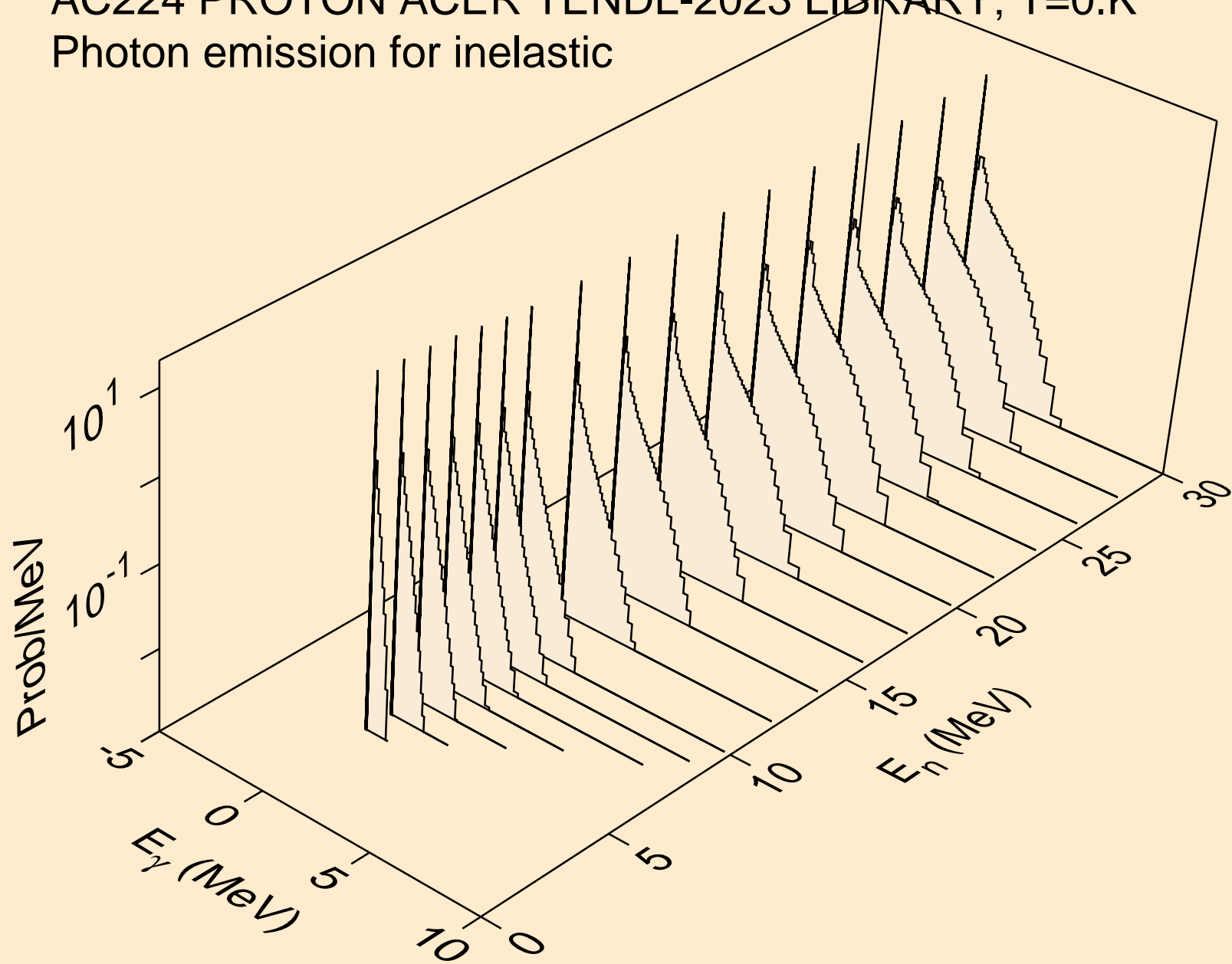




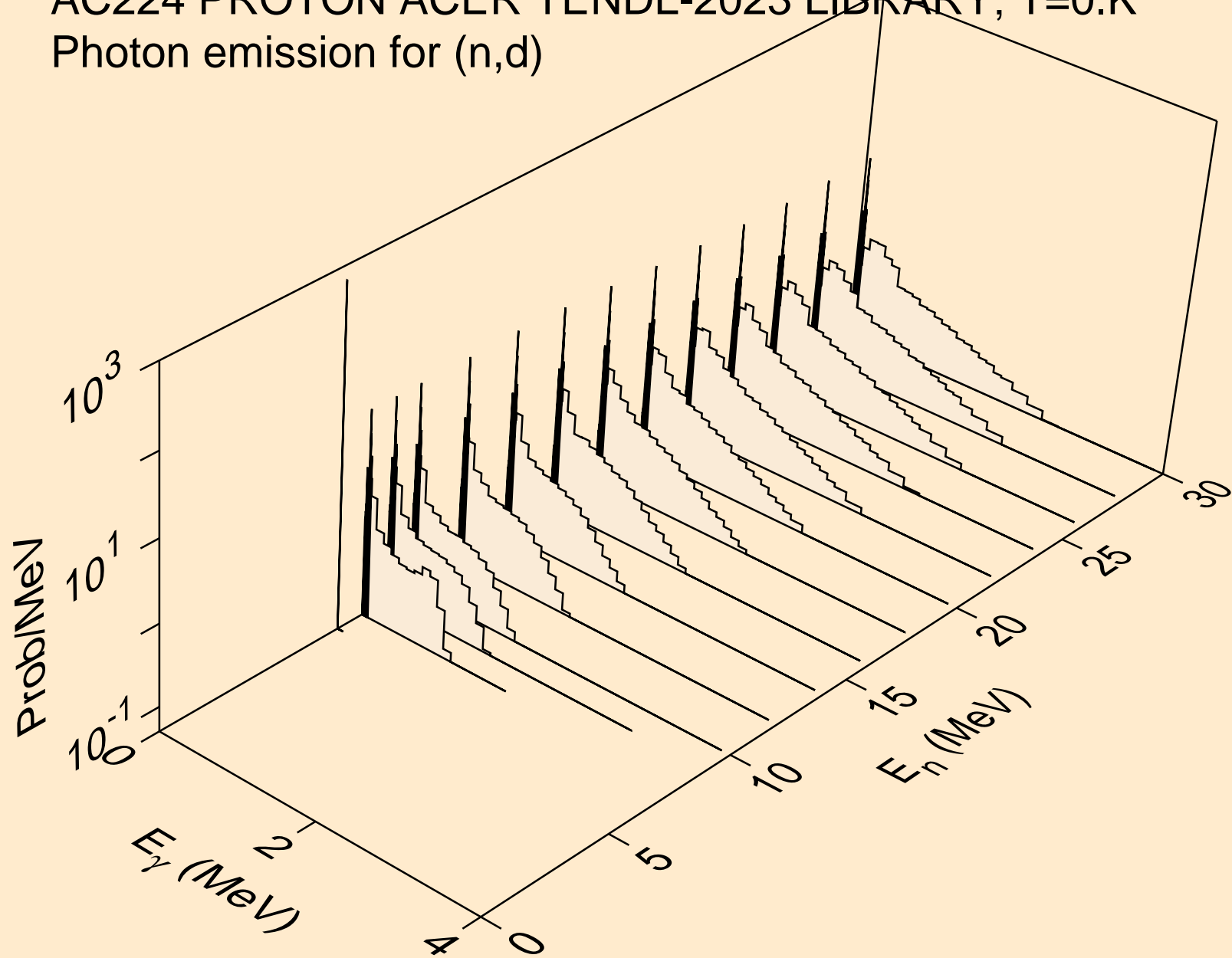
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Photon emission for (n,gma)



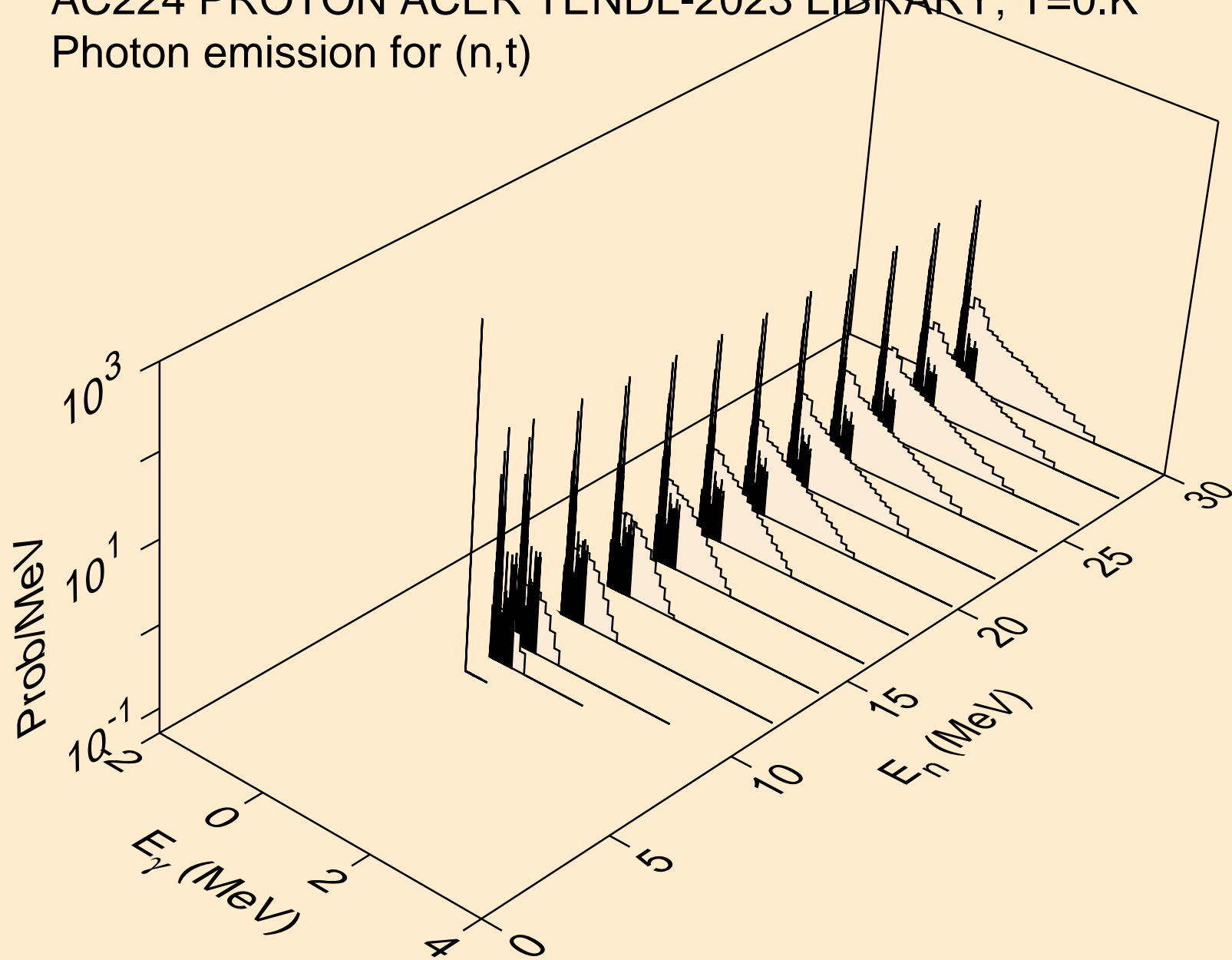
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



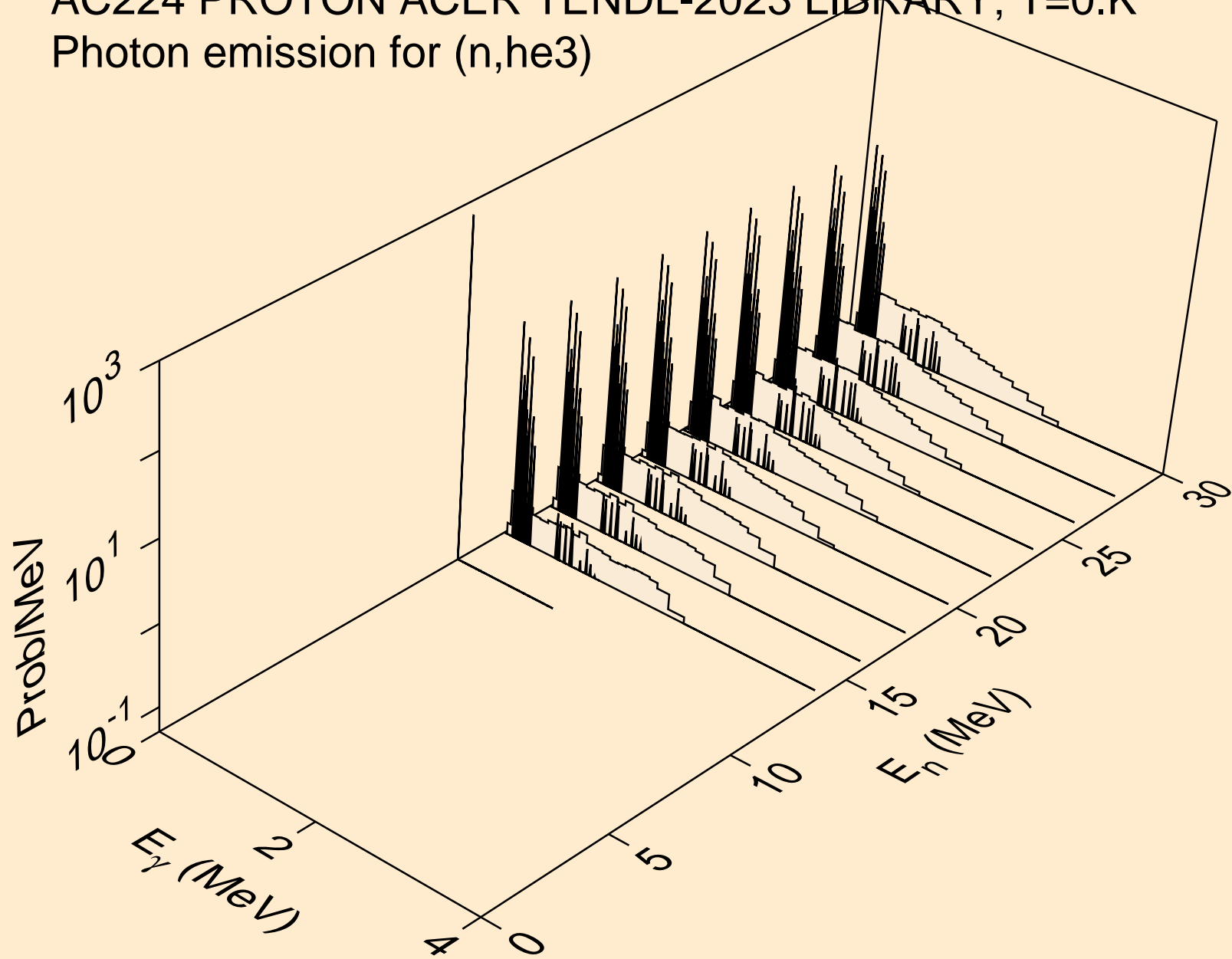
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Photon emission for (n,d)



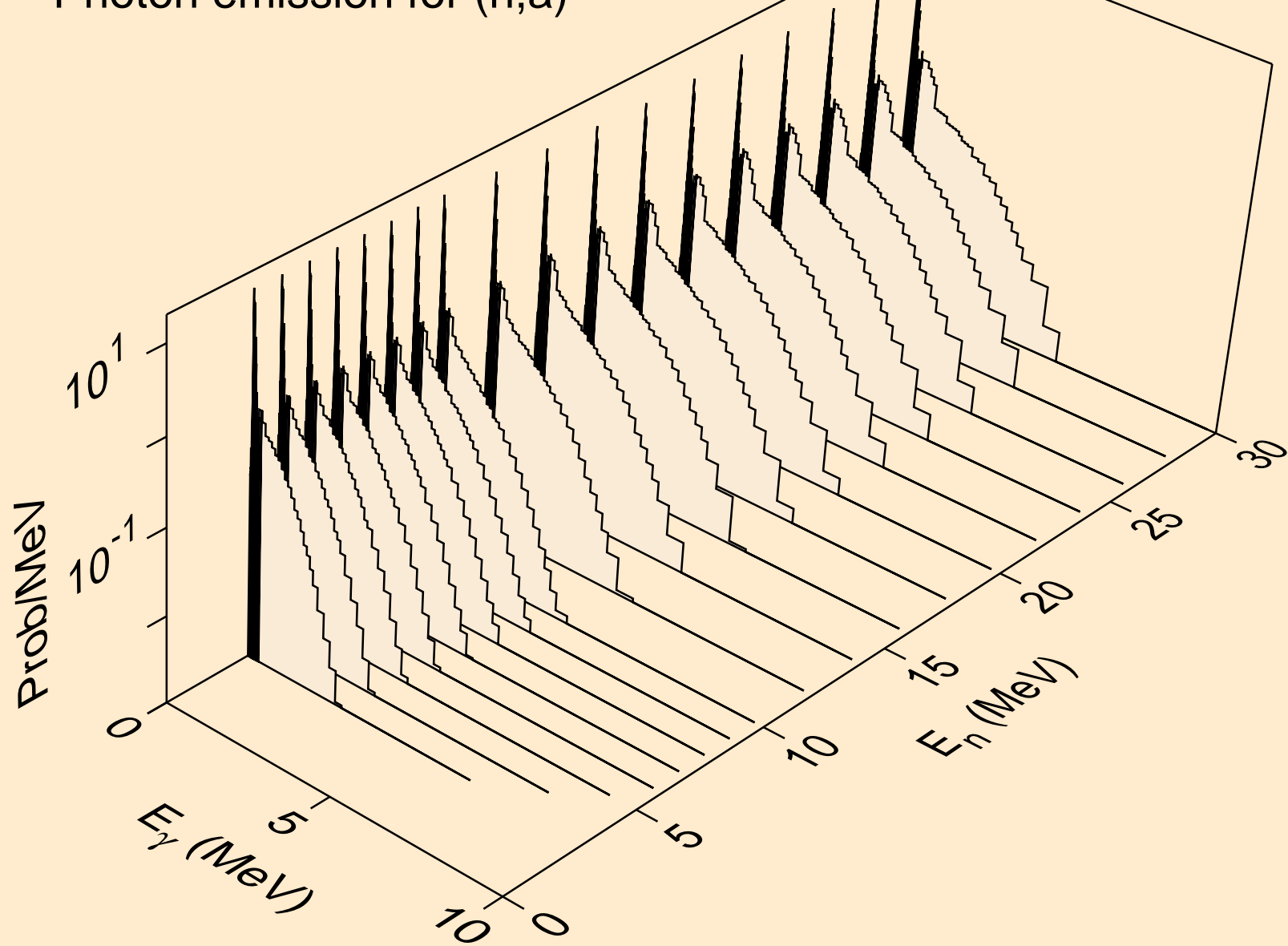
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Photon emission for (n,t)



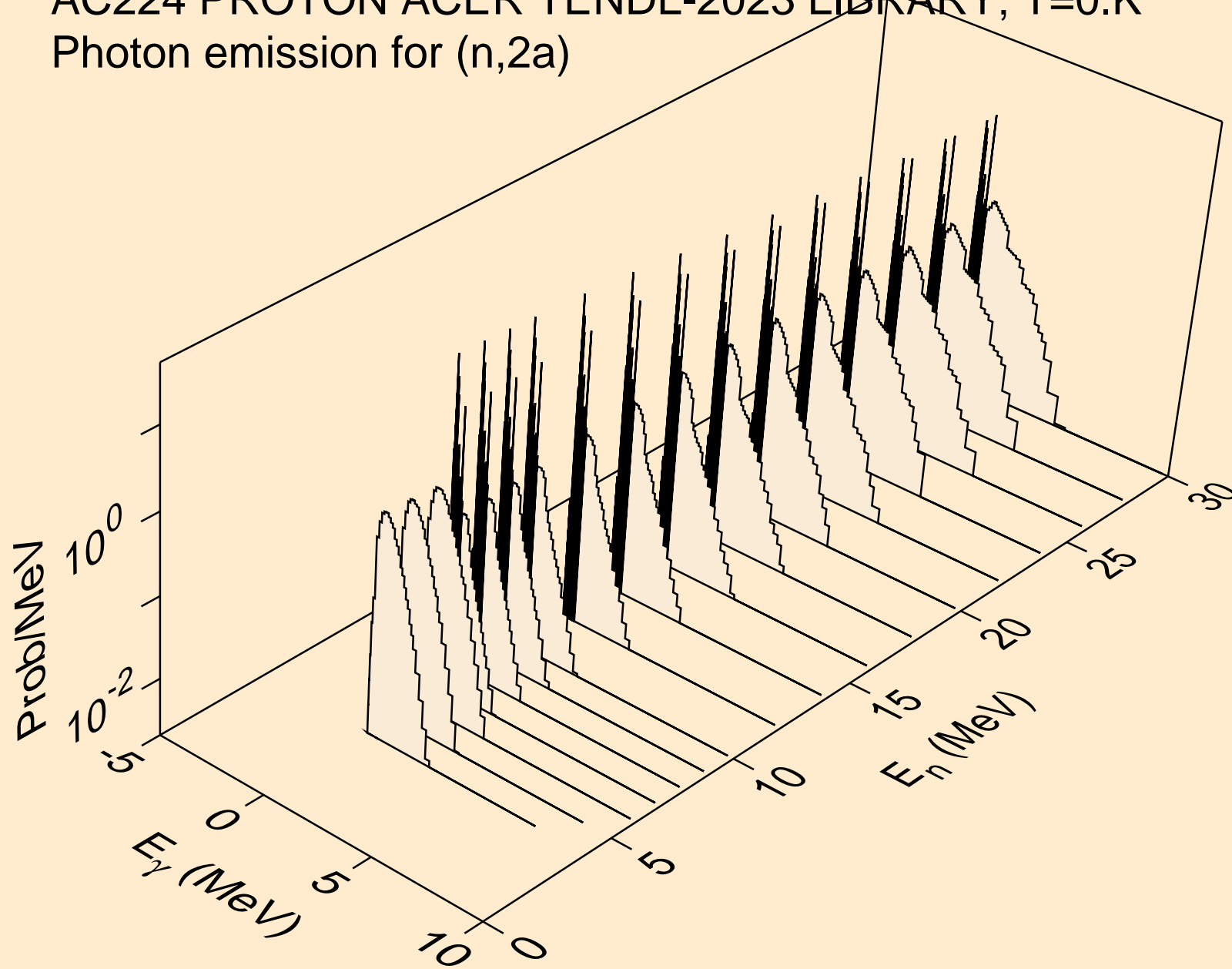
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Photon emission for (n,he3)



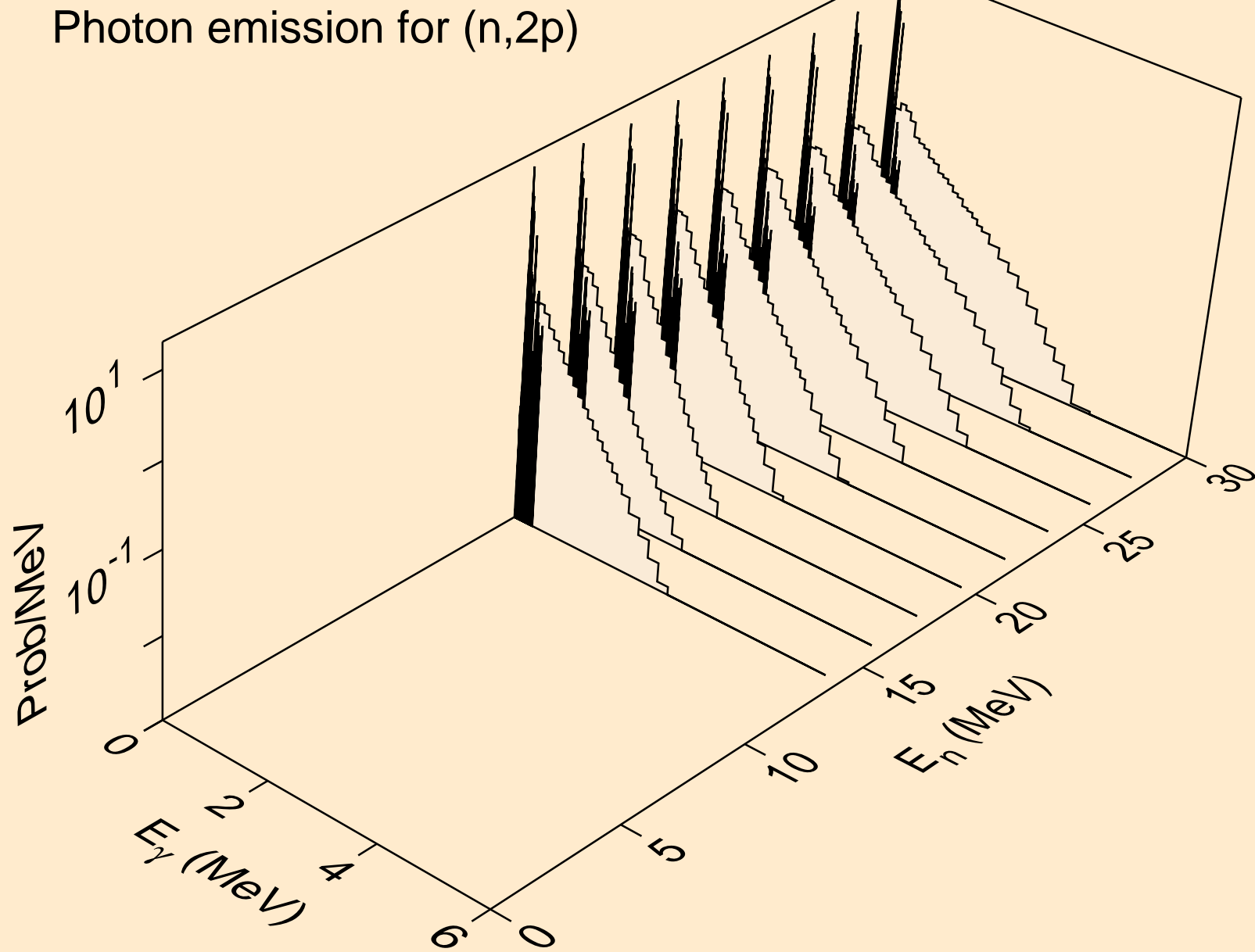
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

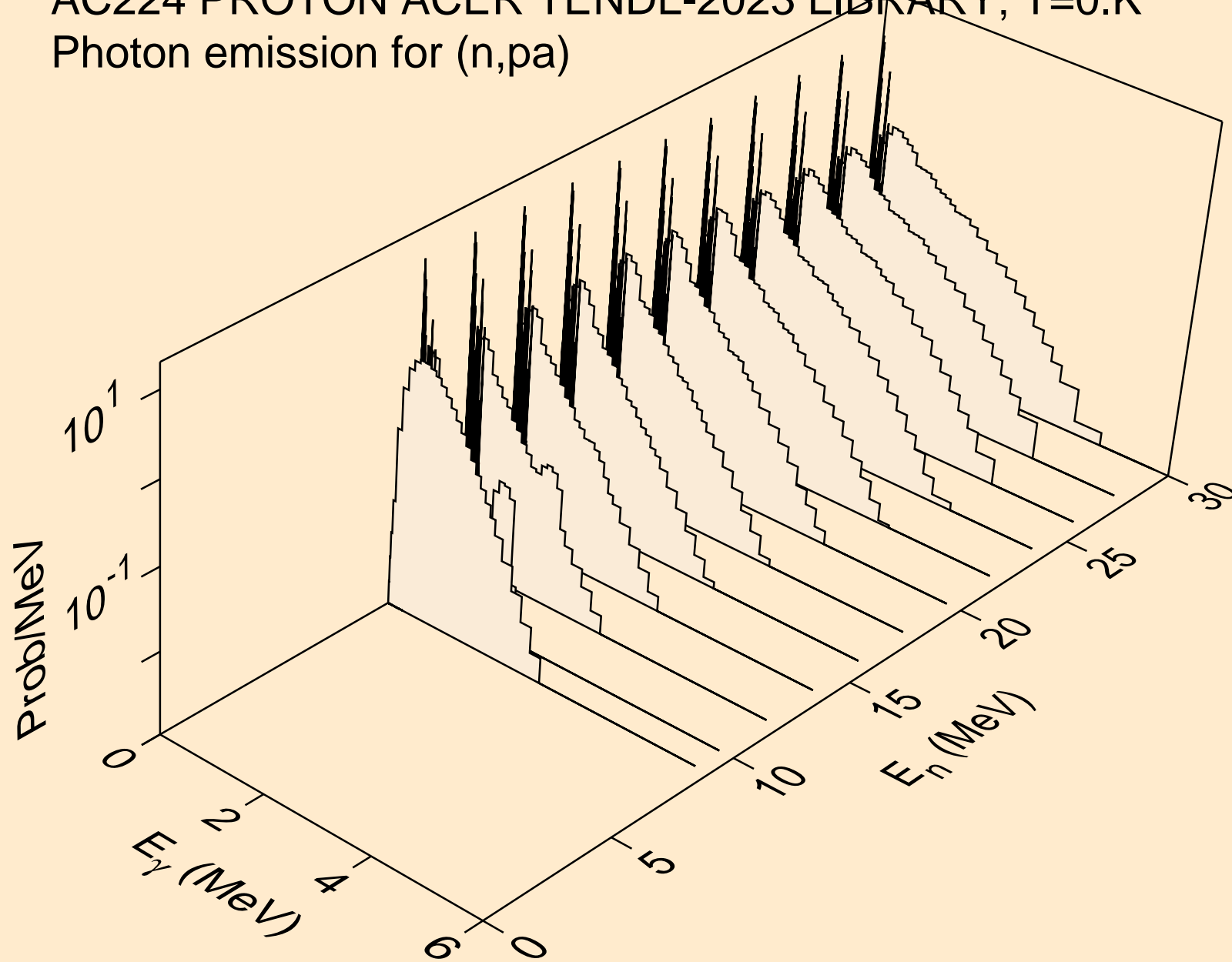


AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

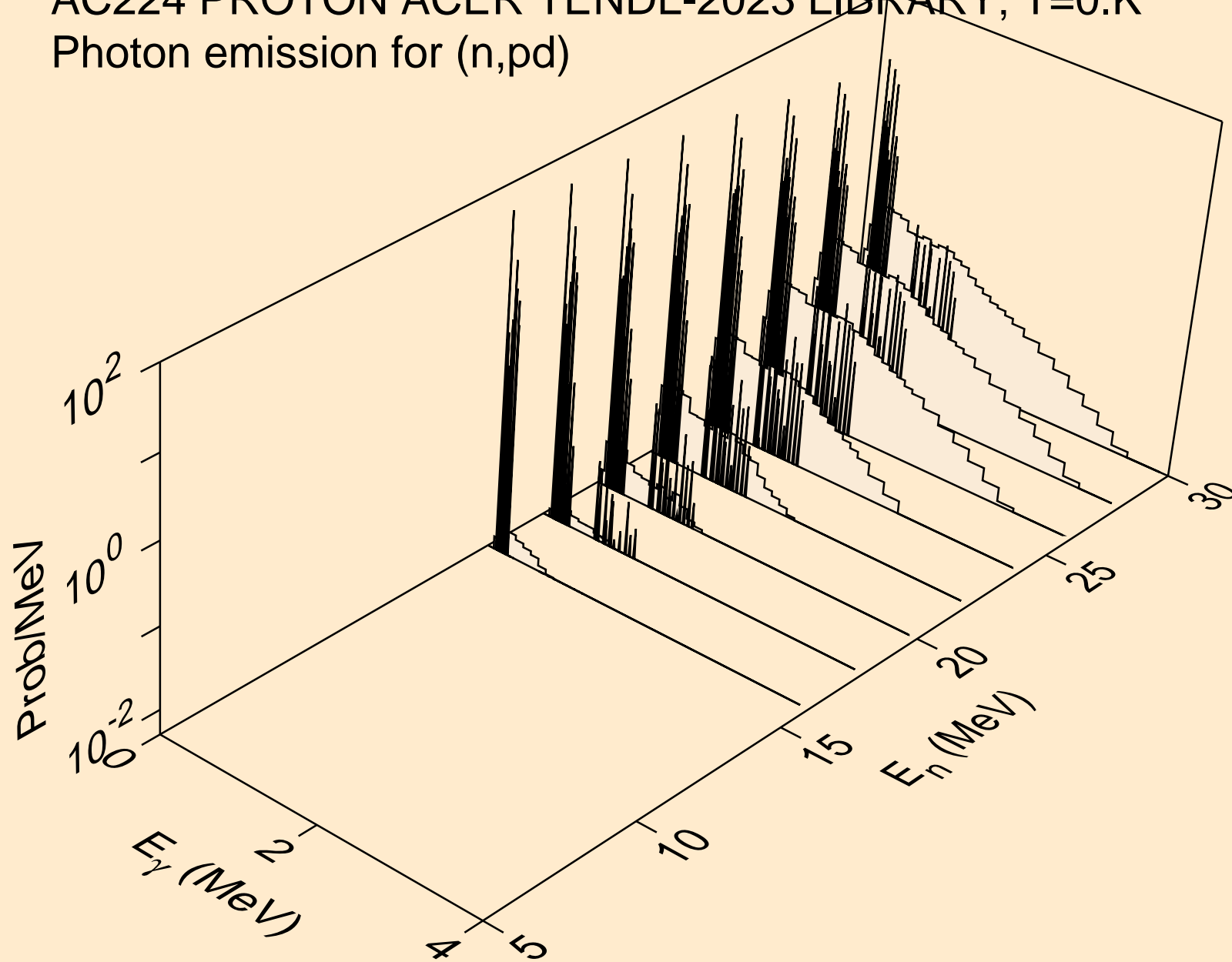




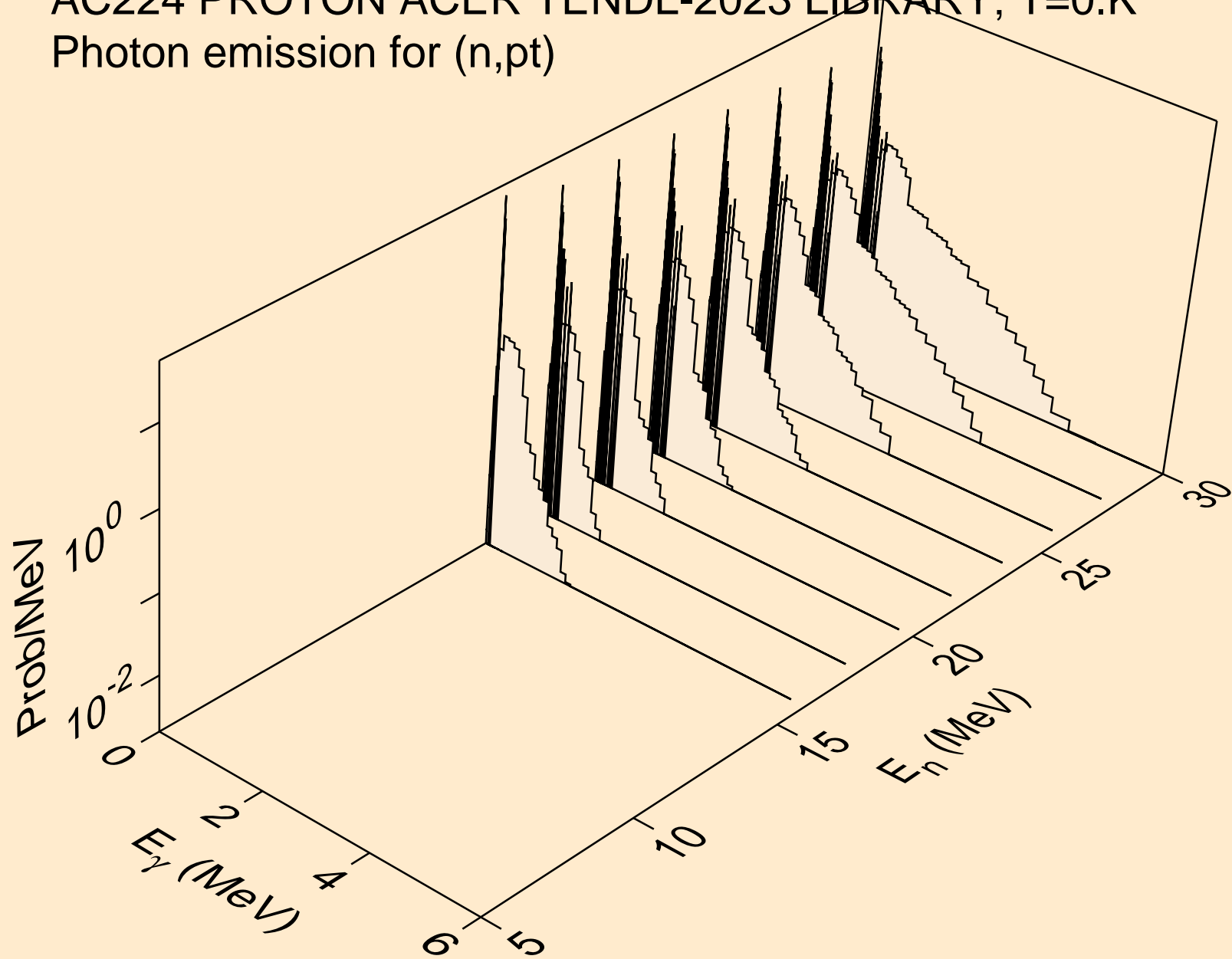
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Photon emission for (n,pa)



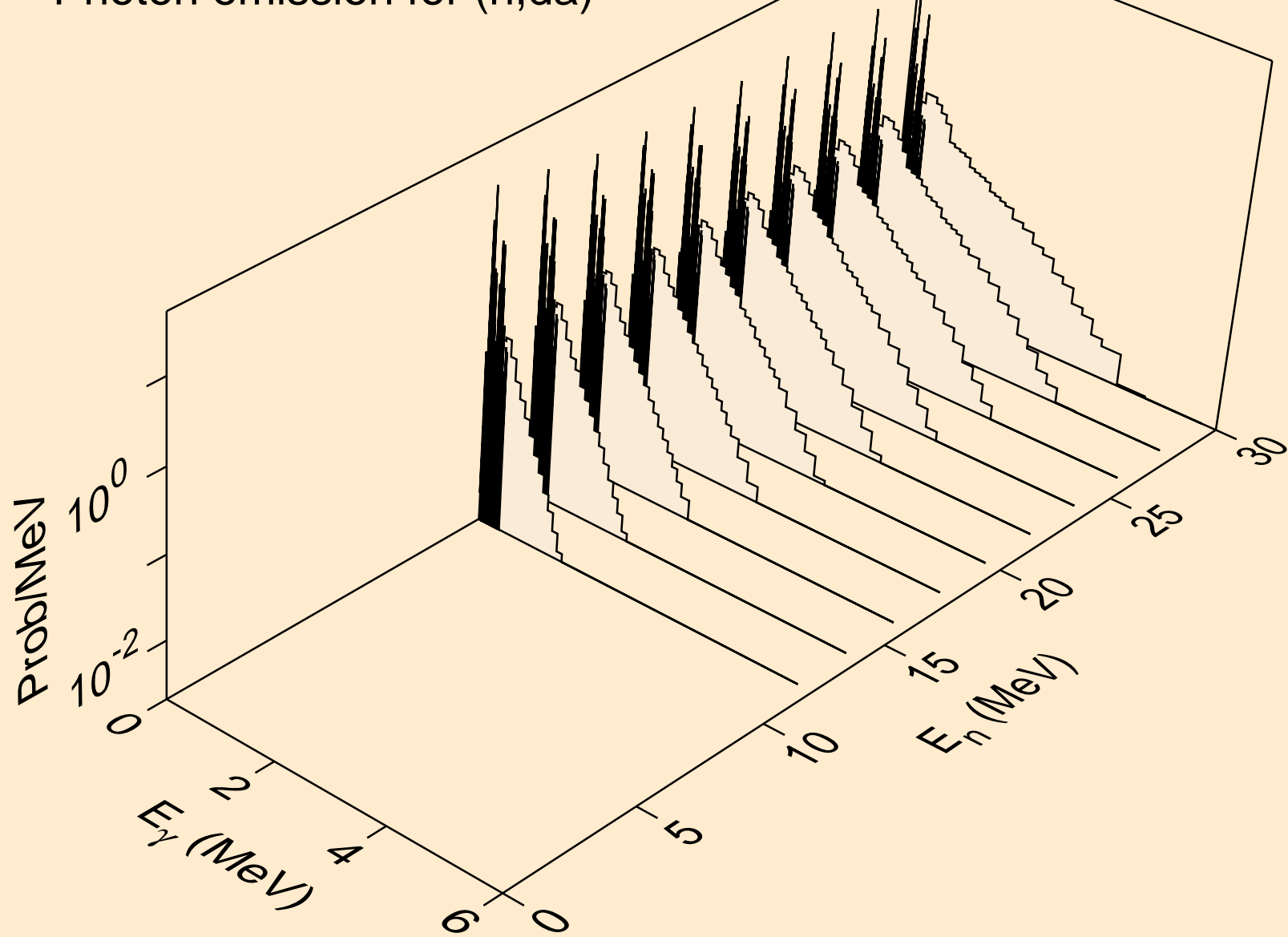
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



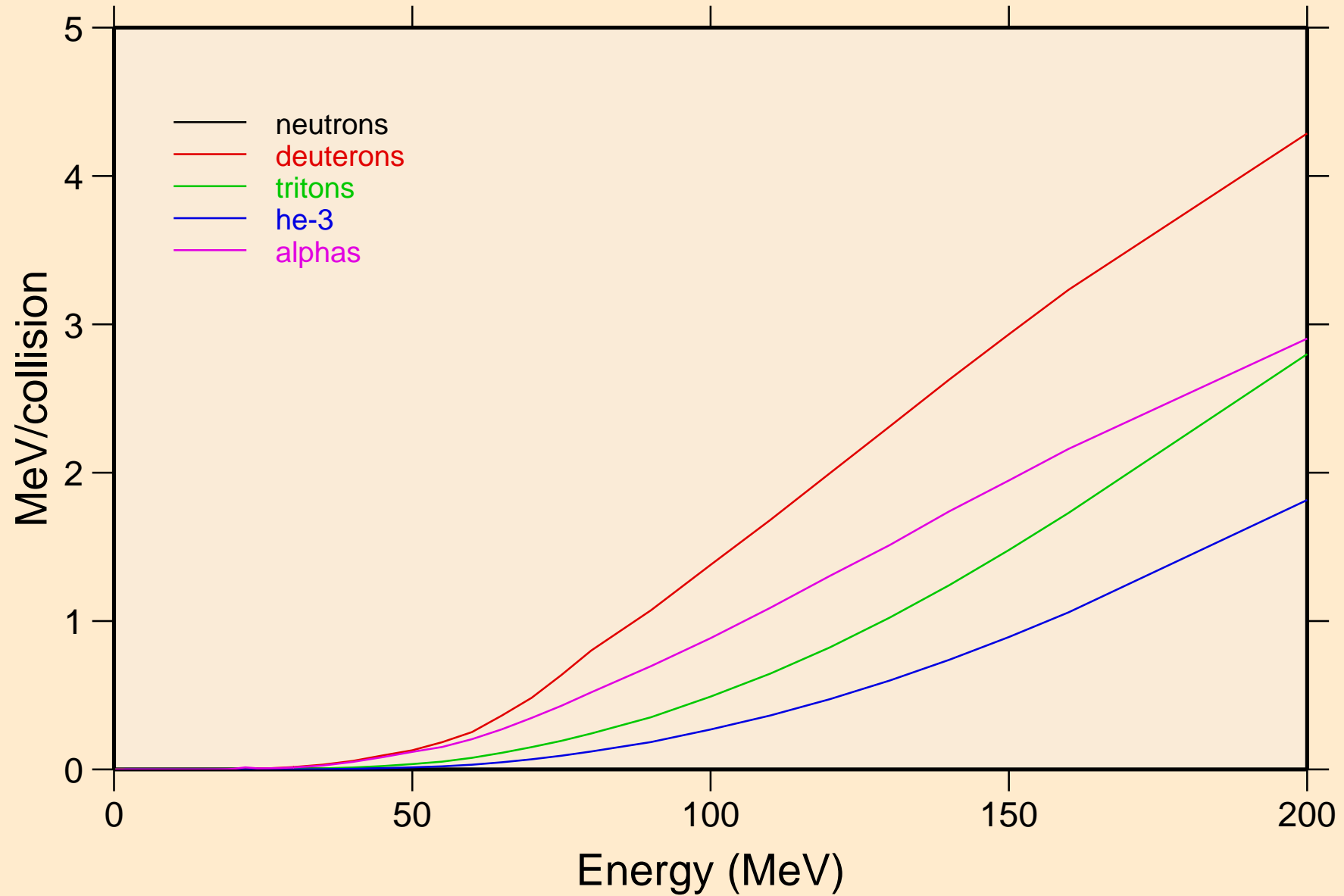
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

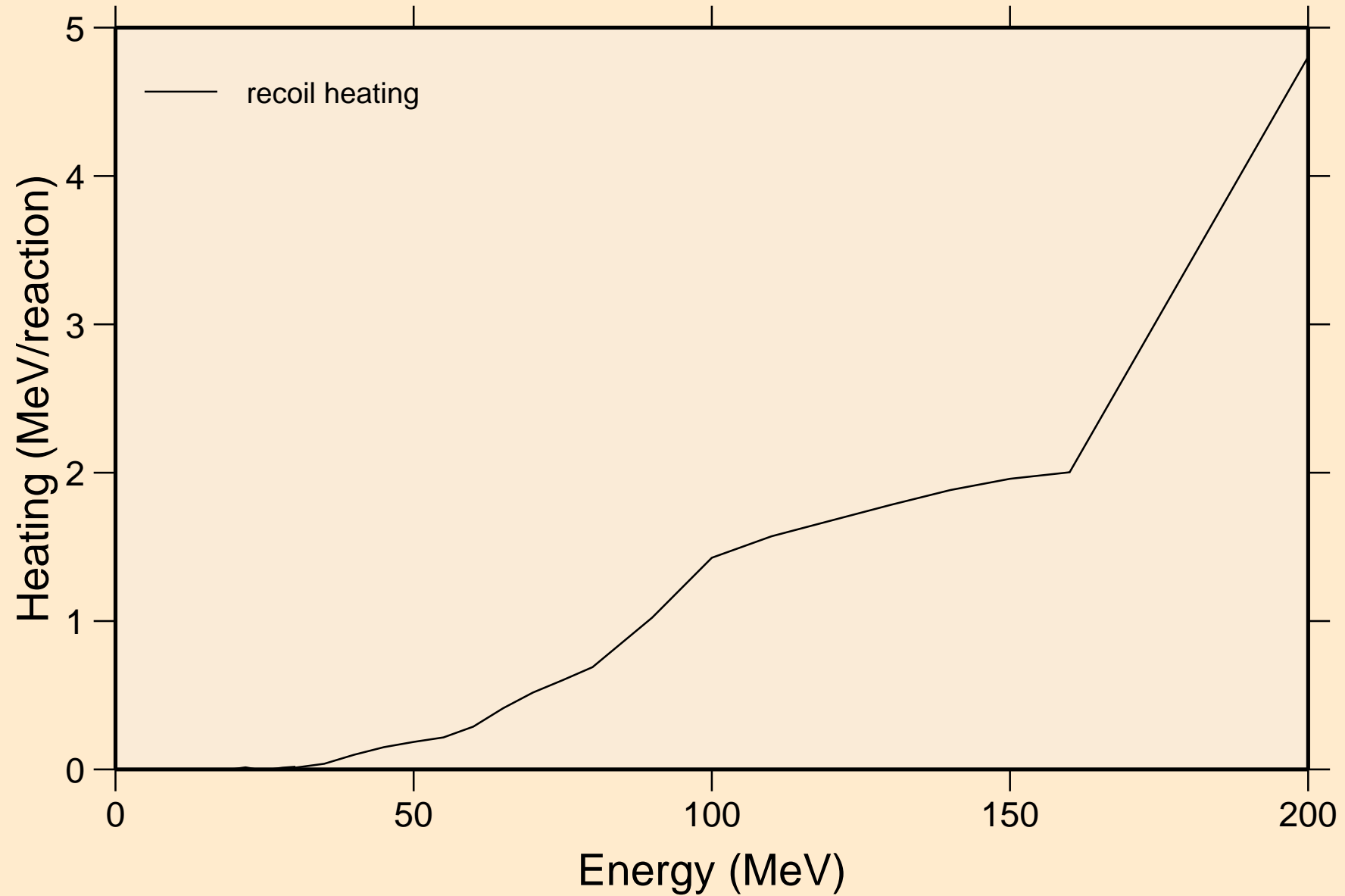


AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

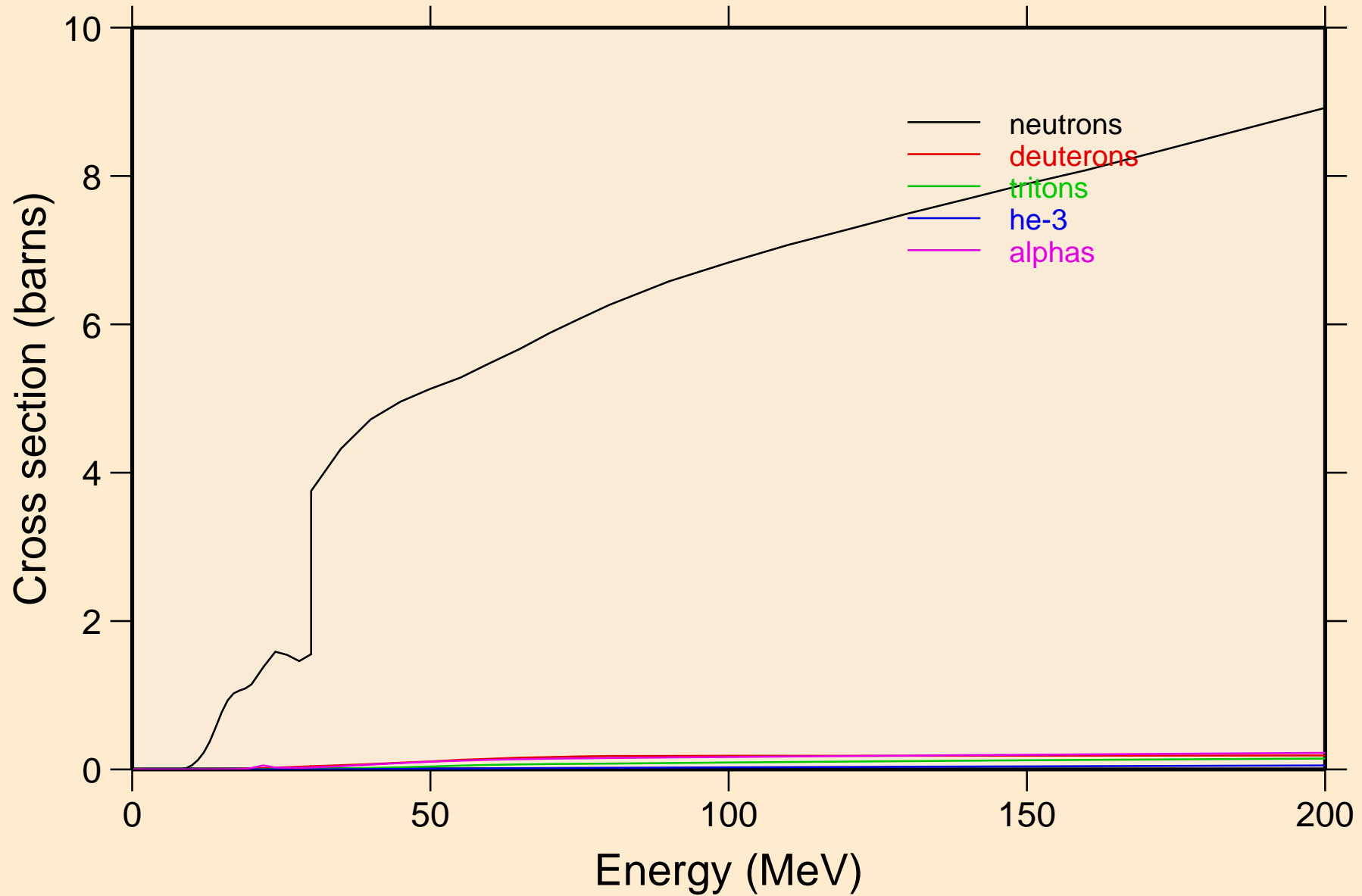


# AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K

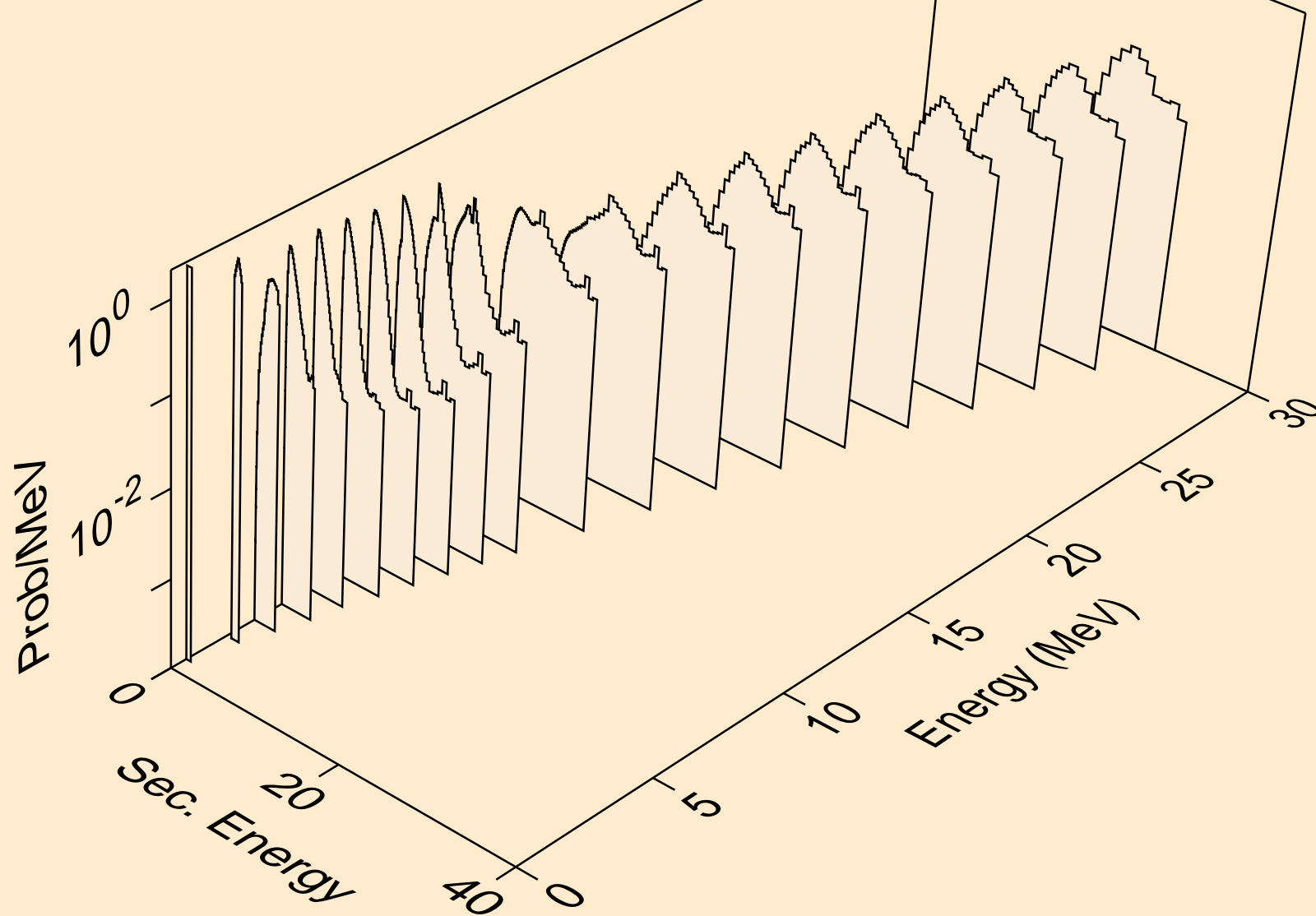
## Recoil Heating



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

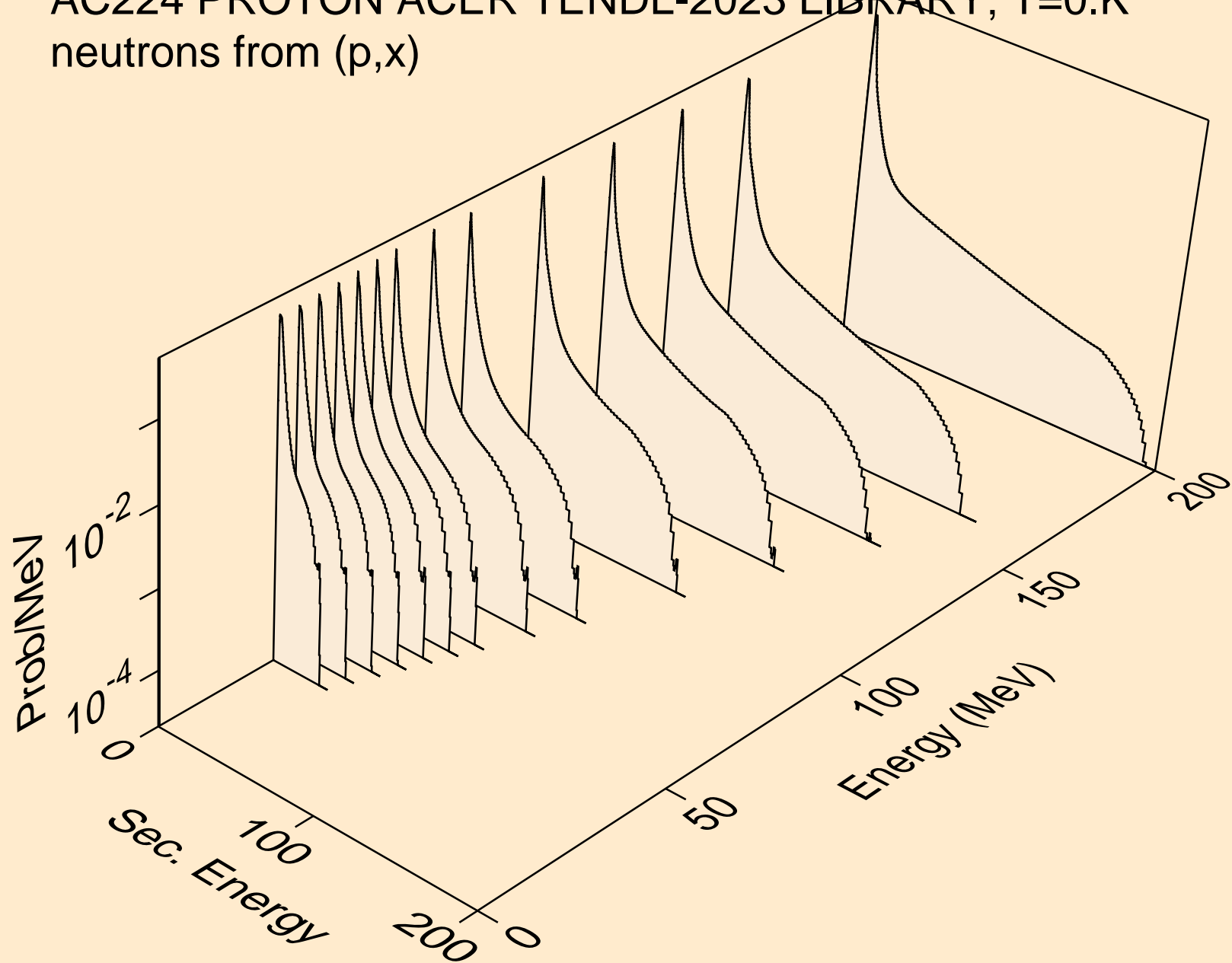


AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)

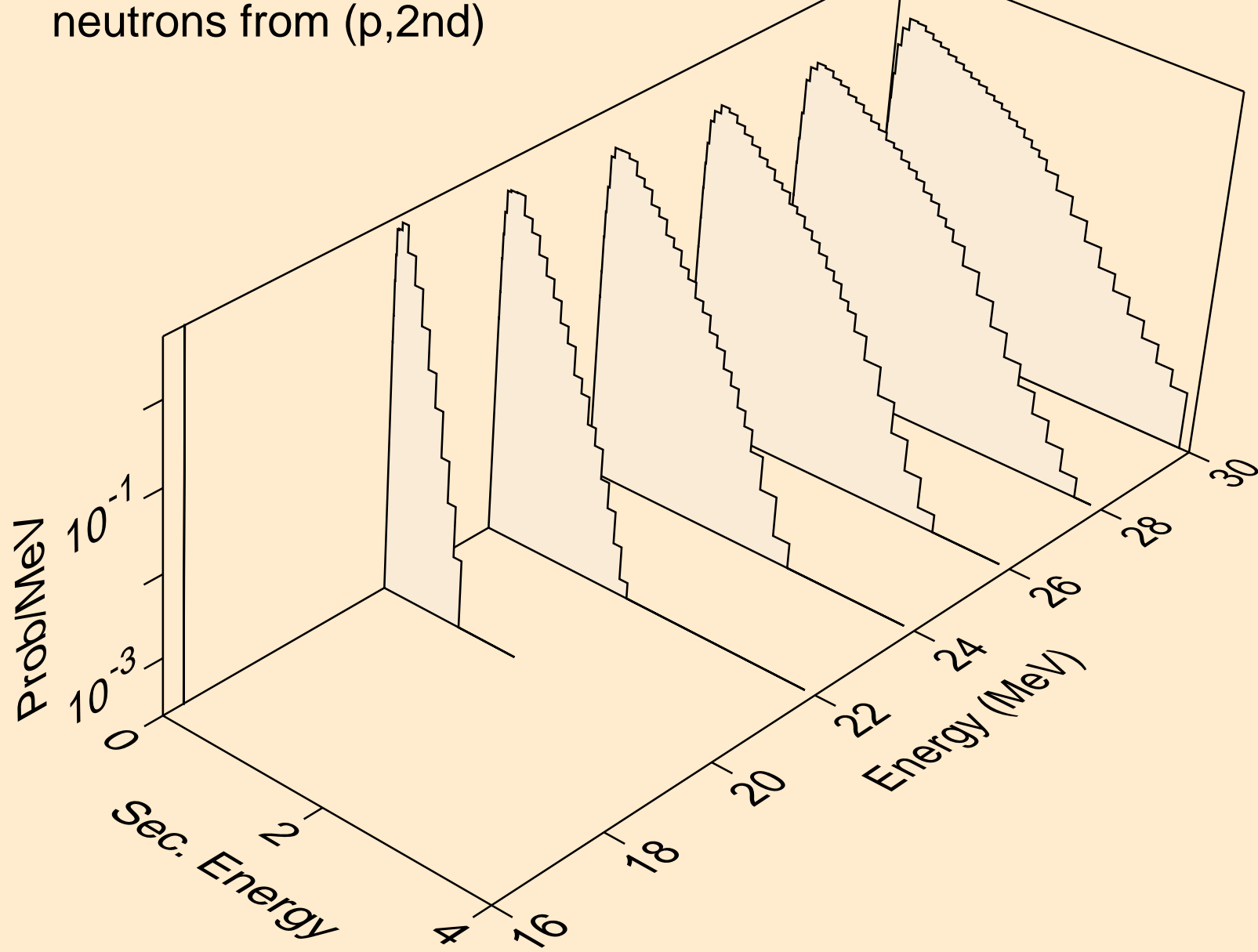




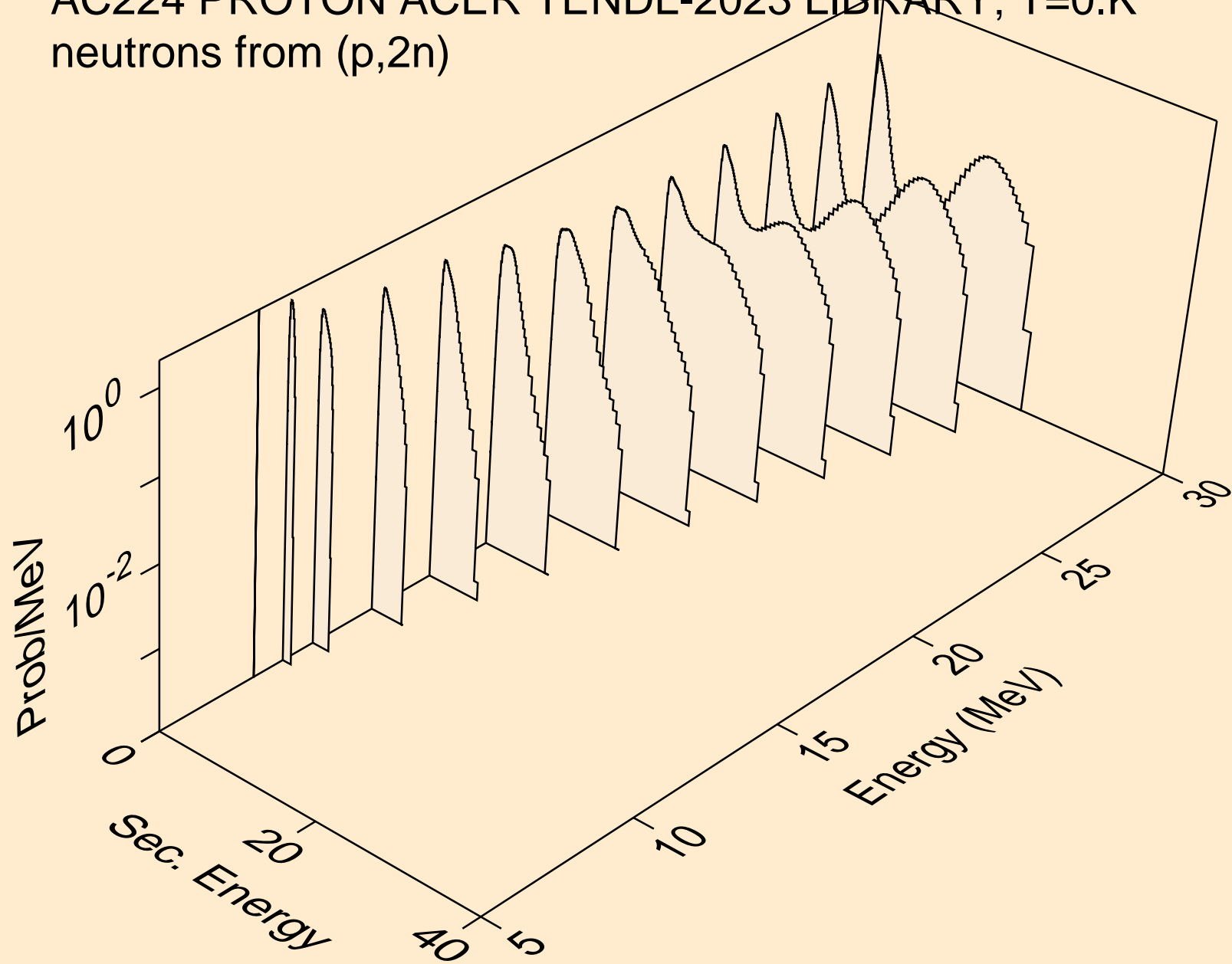
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



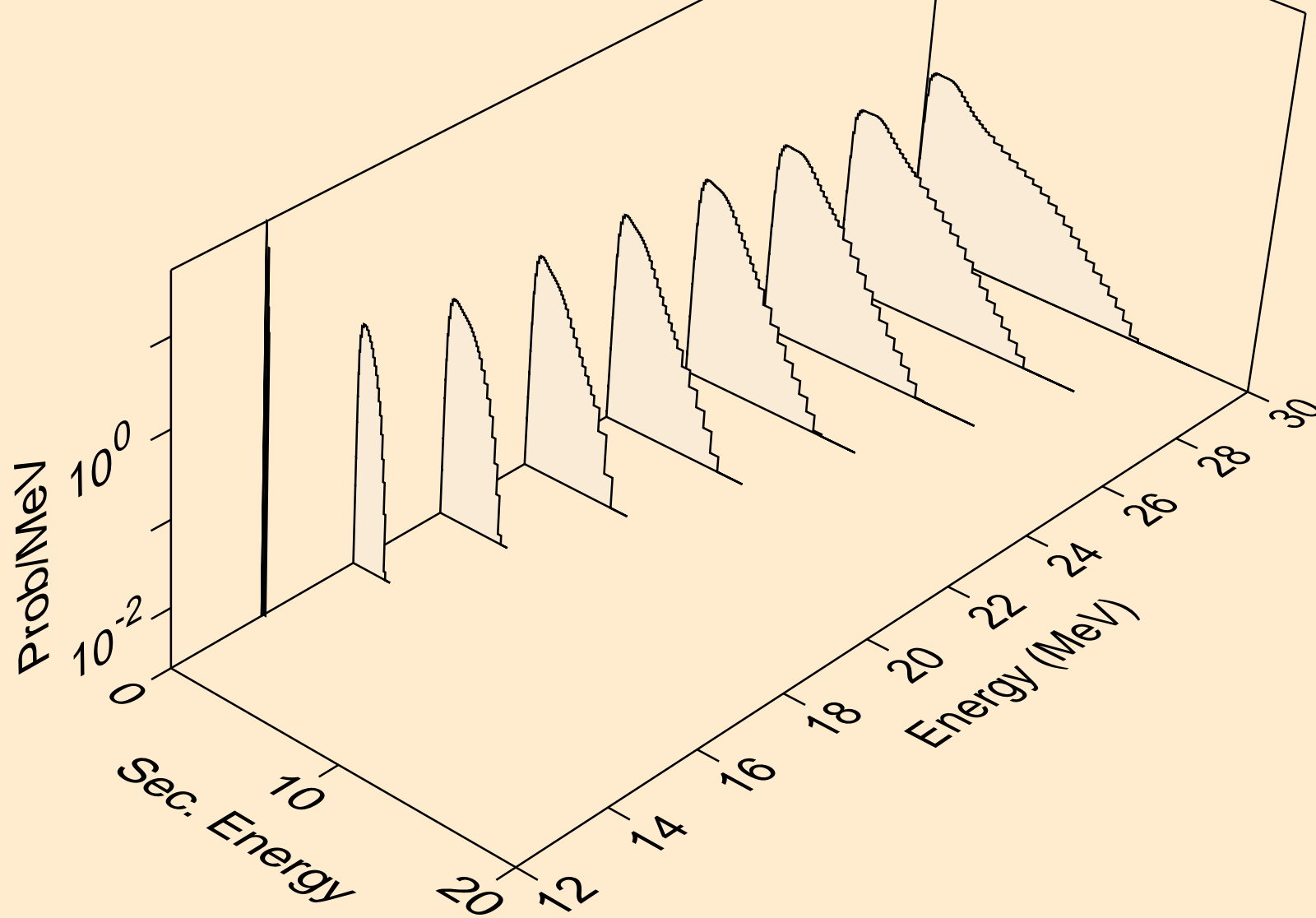
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neutrons from (p,2nd)



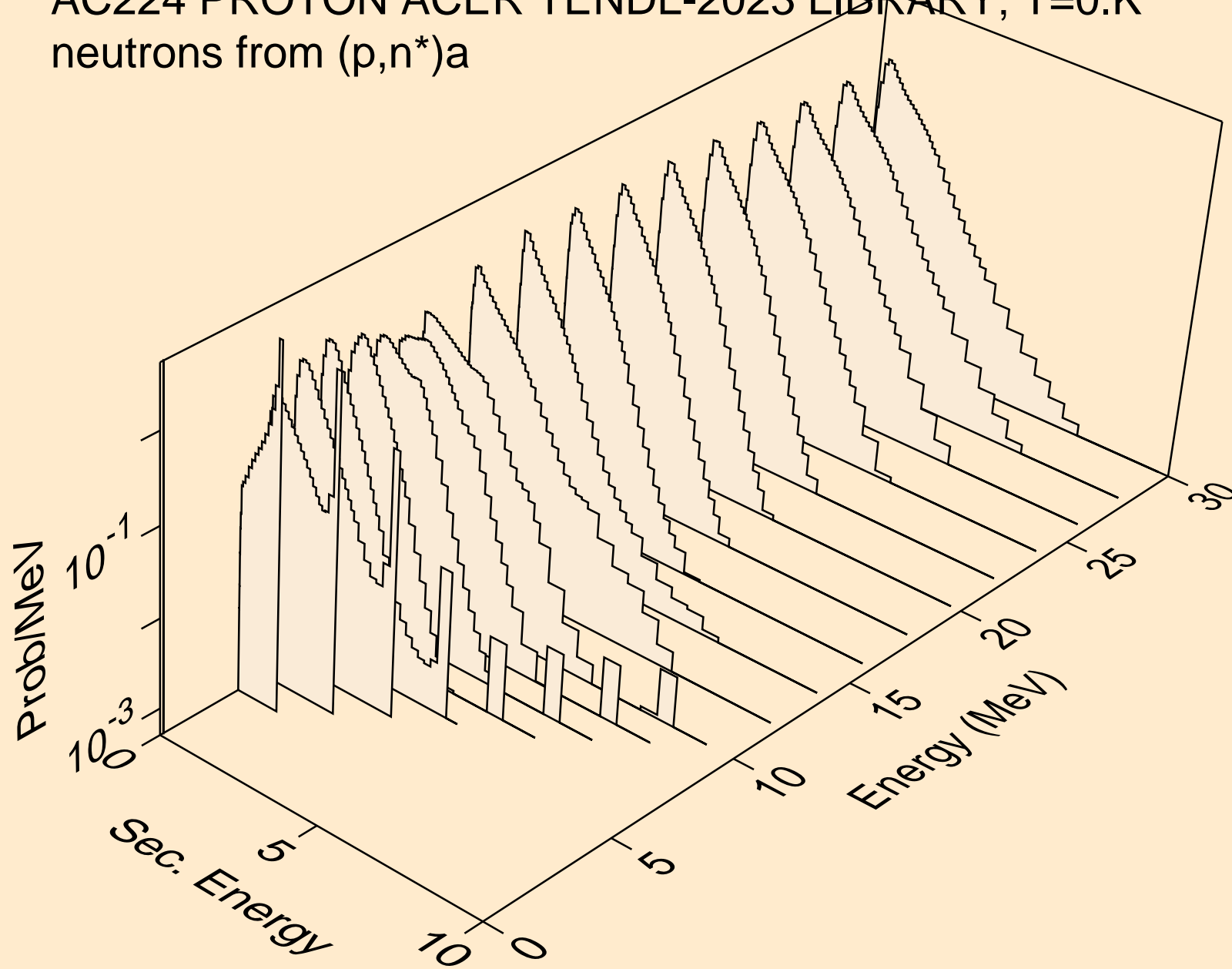
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neutrons from (p,2n)



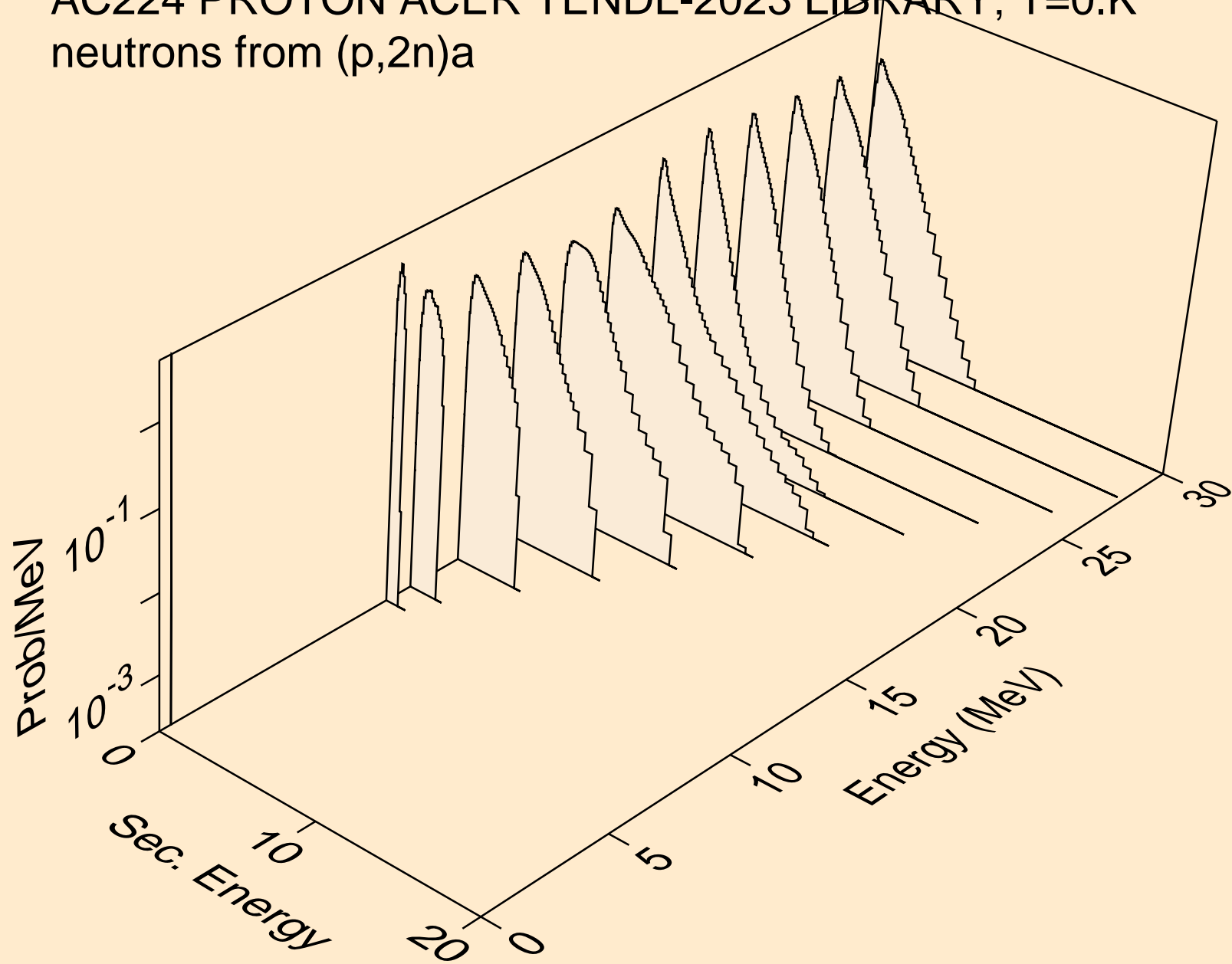
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



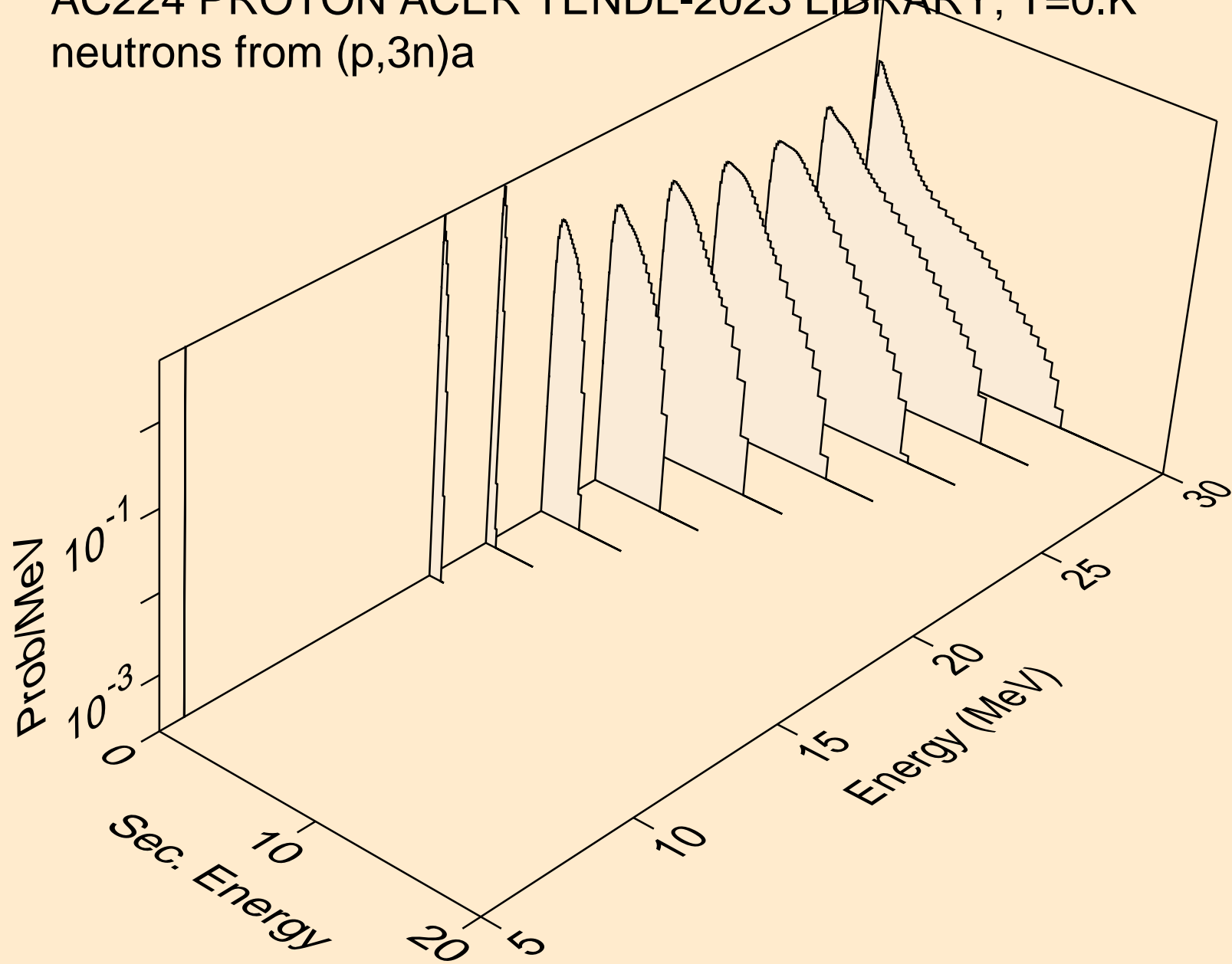
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



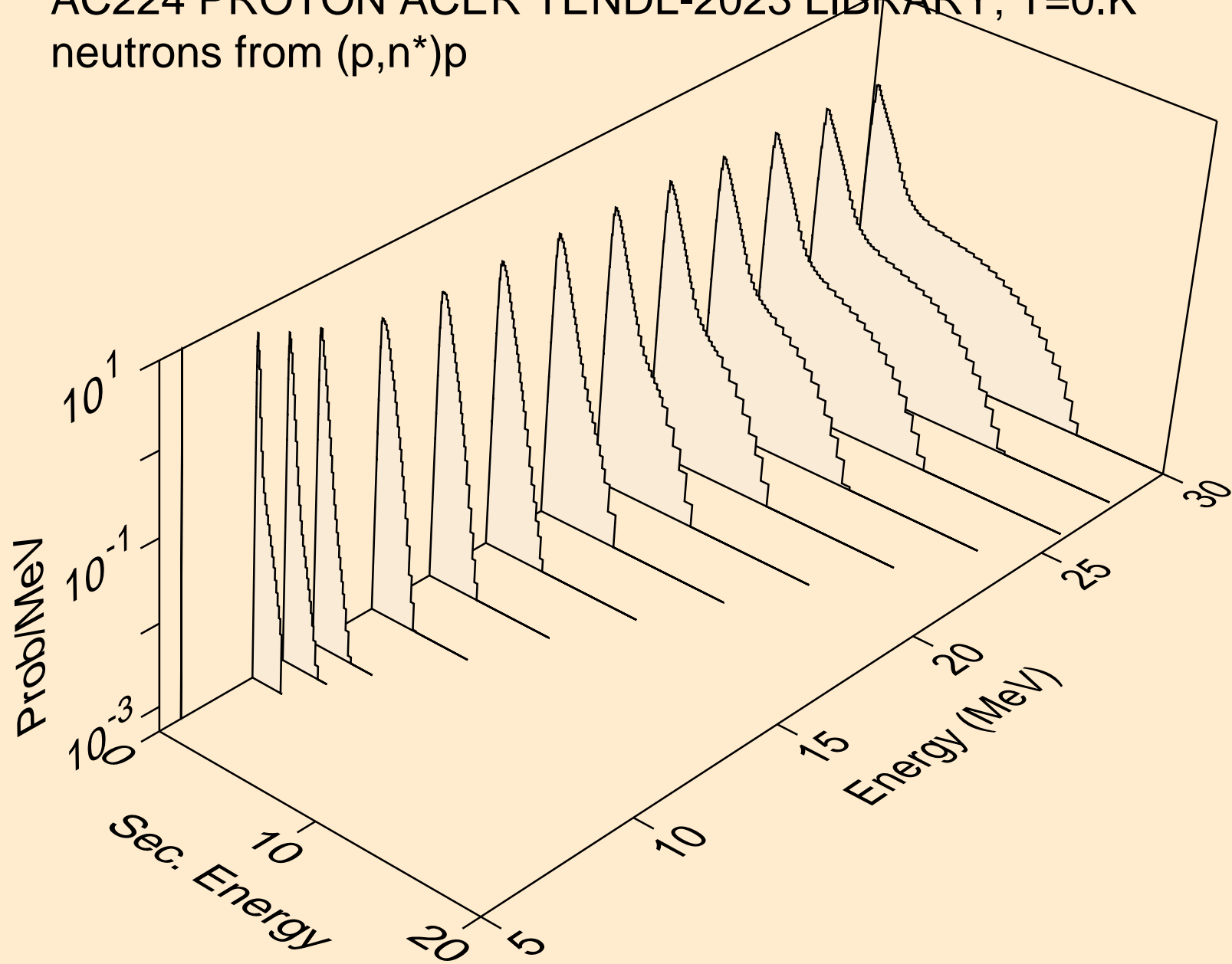
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a

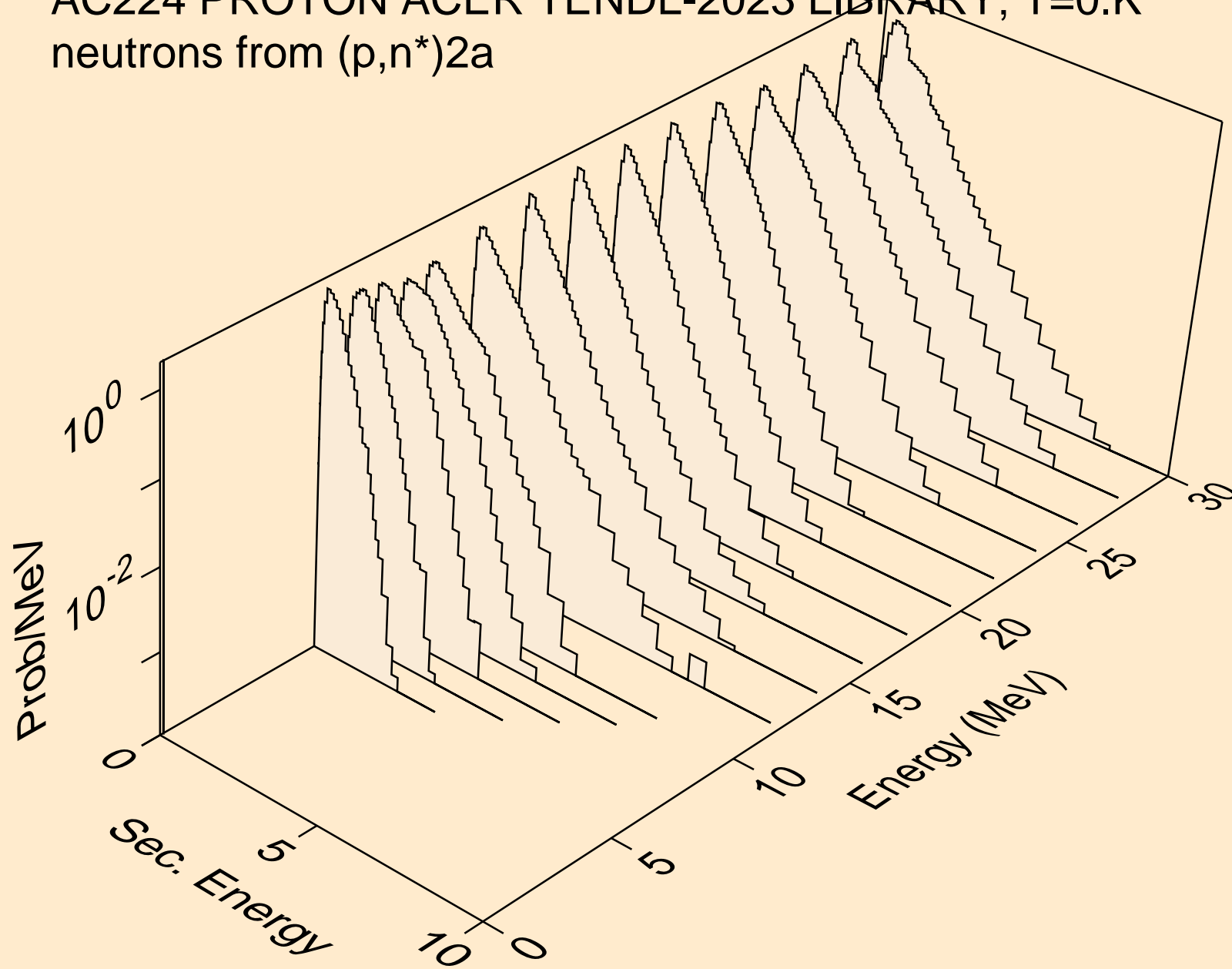


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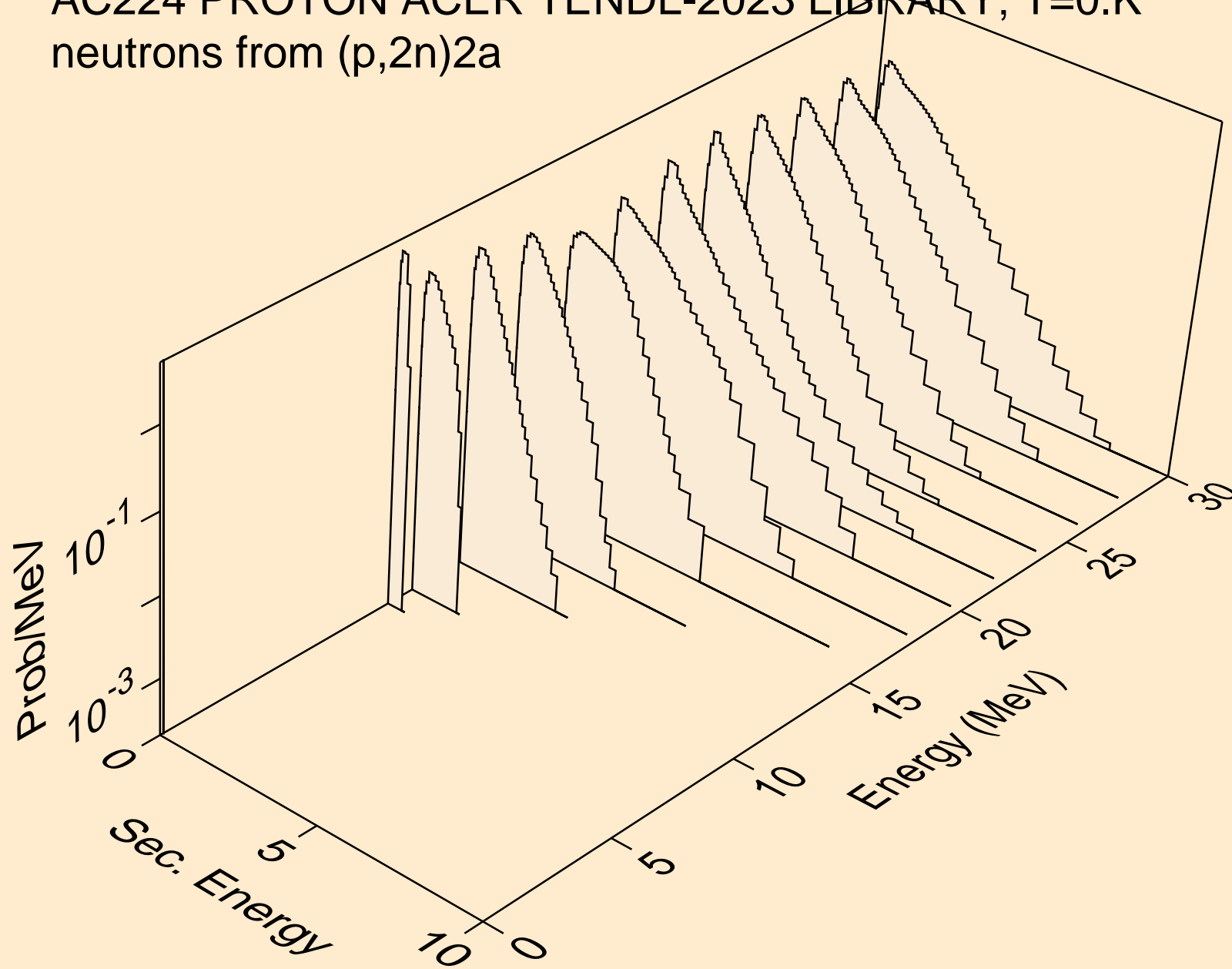




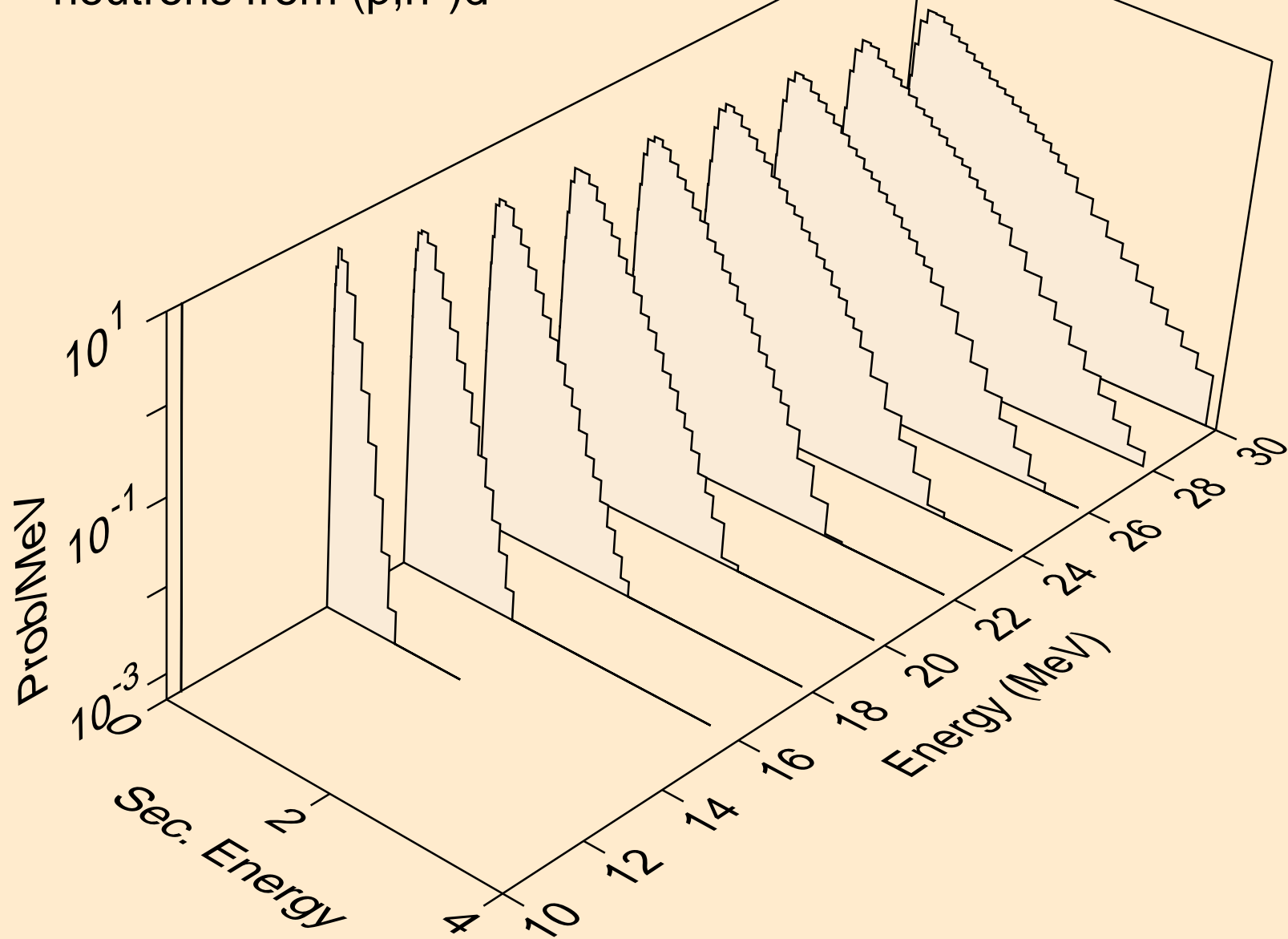
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neutrons from (p,n\*)2a



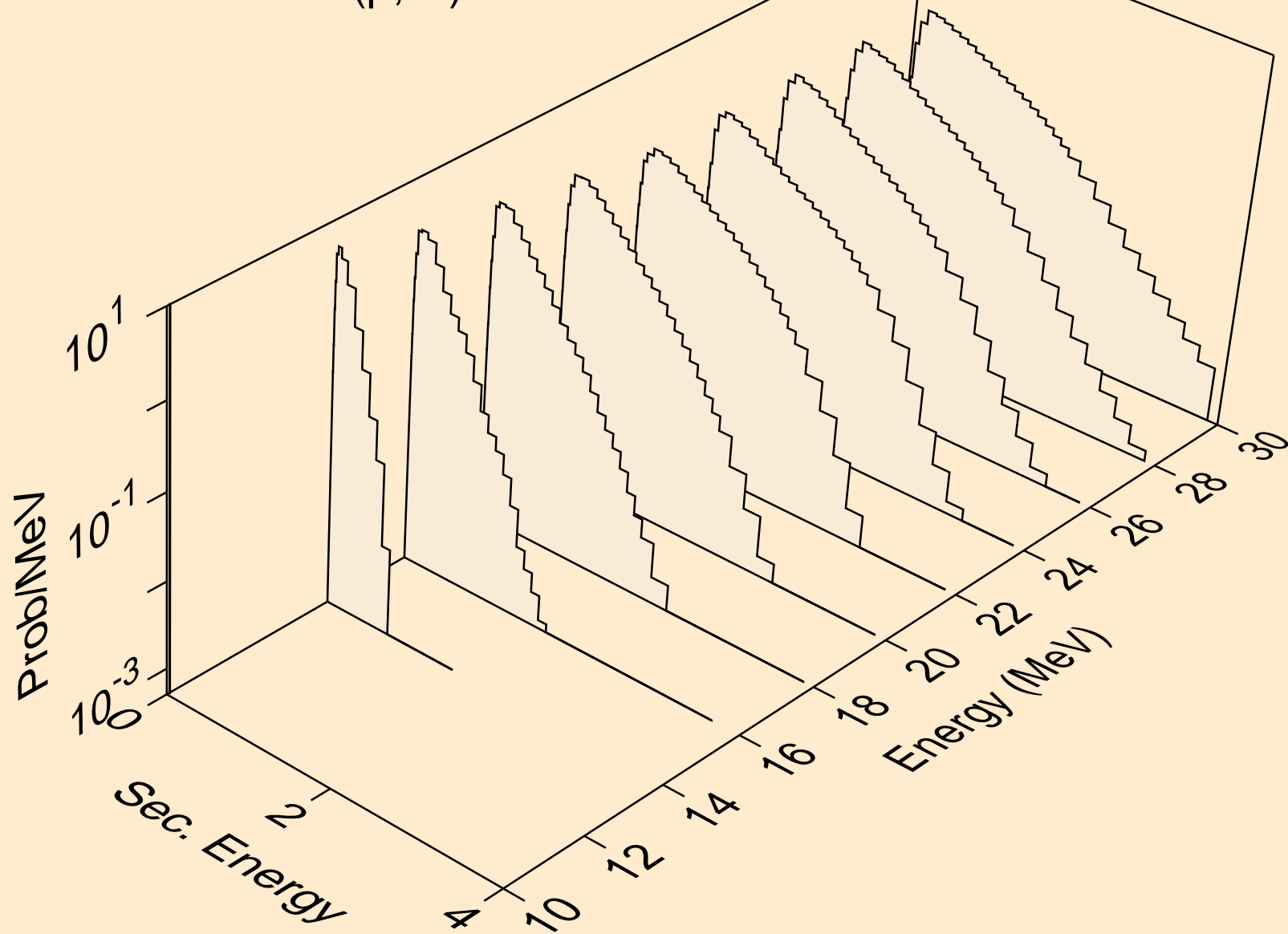
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)2a



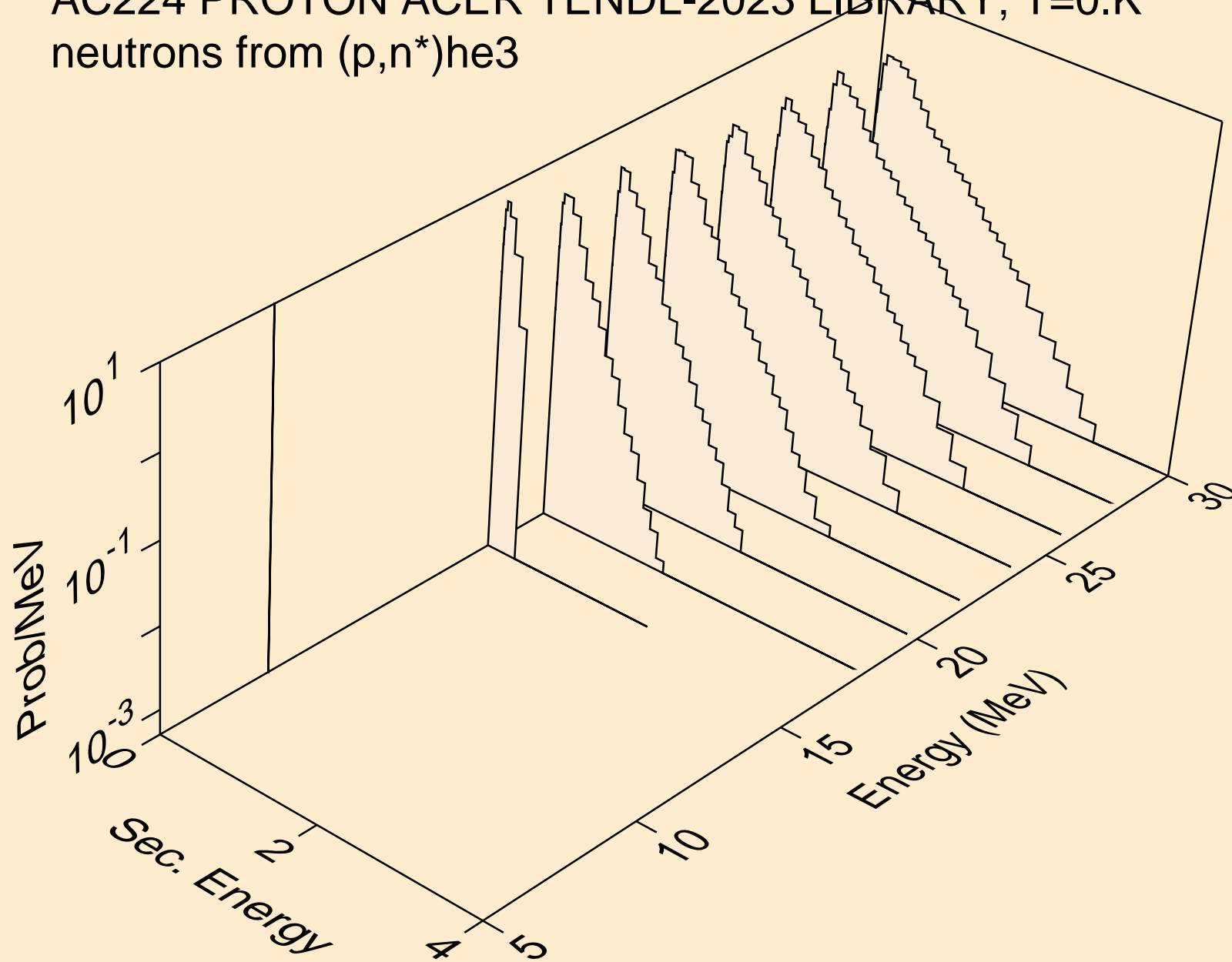
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



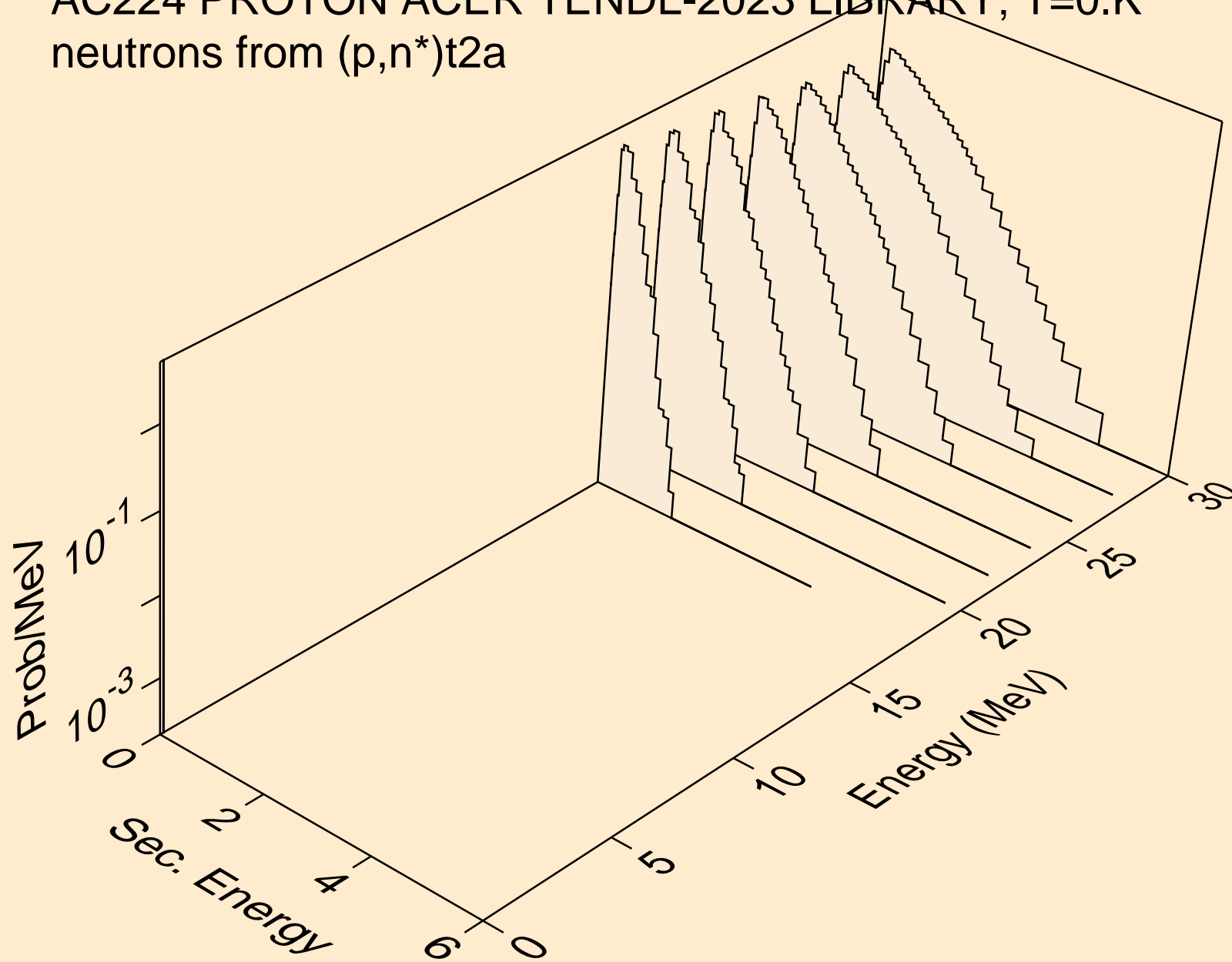
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



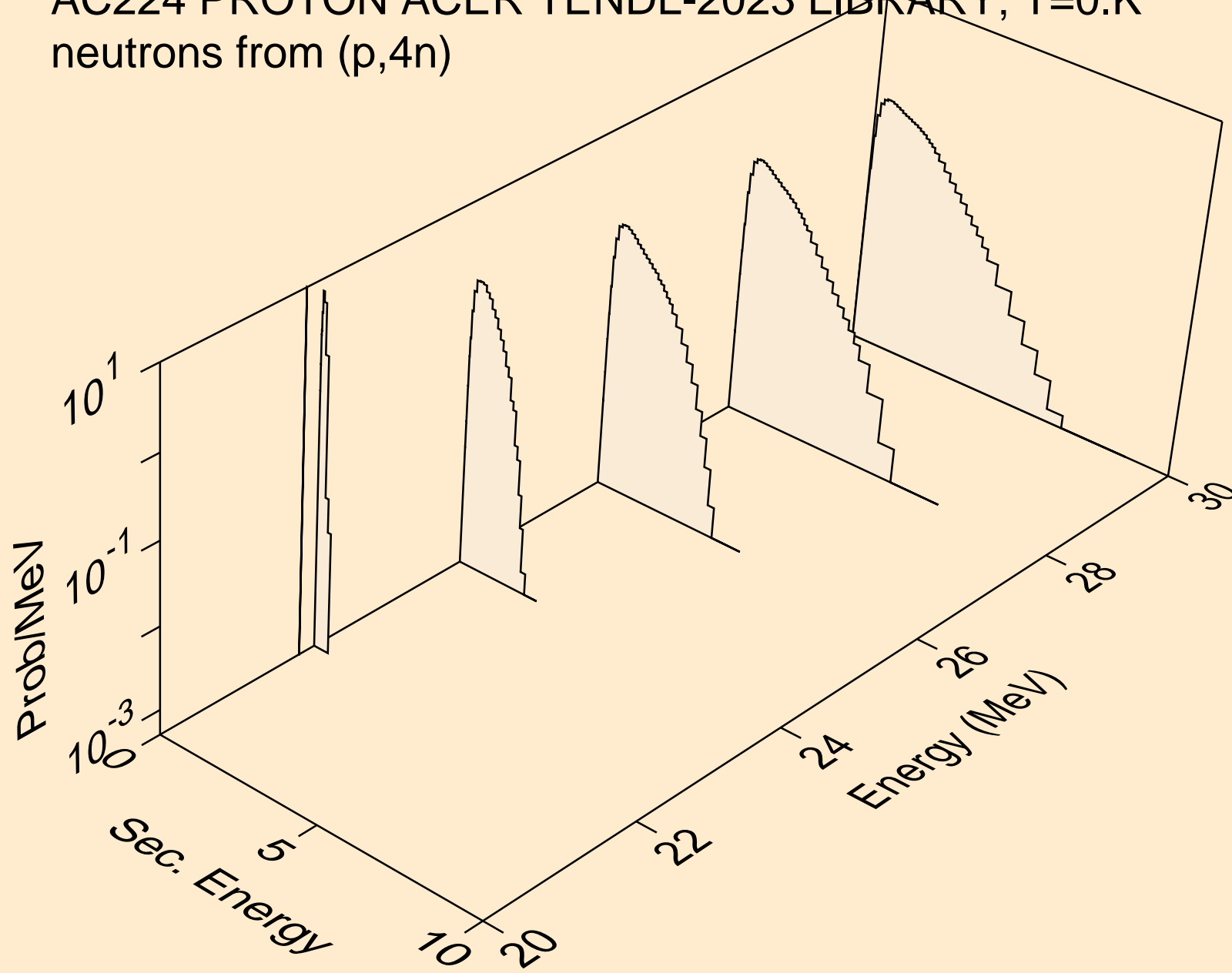
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



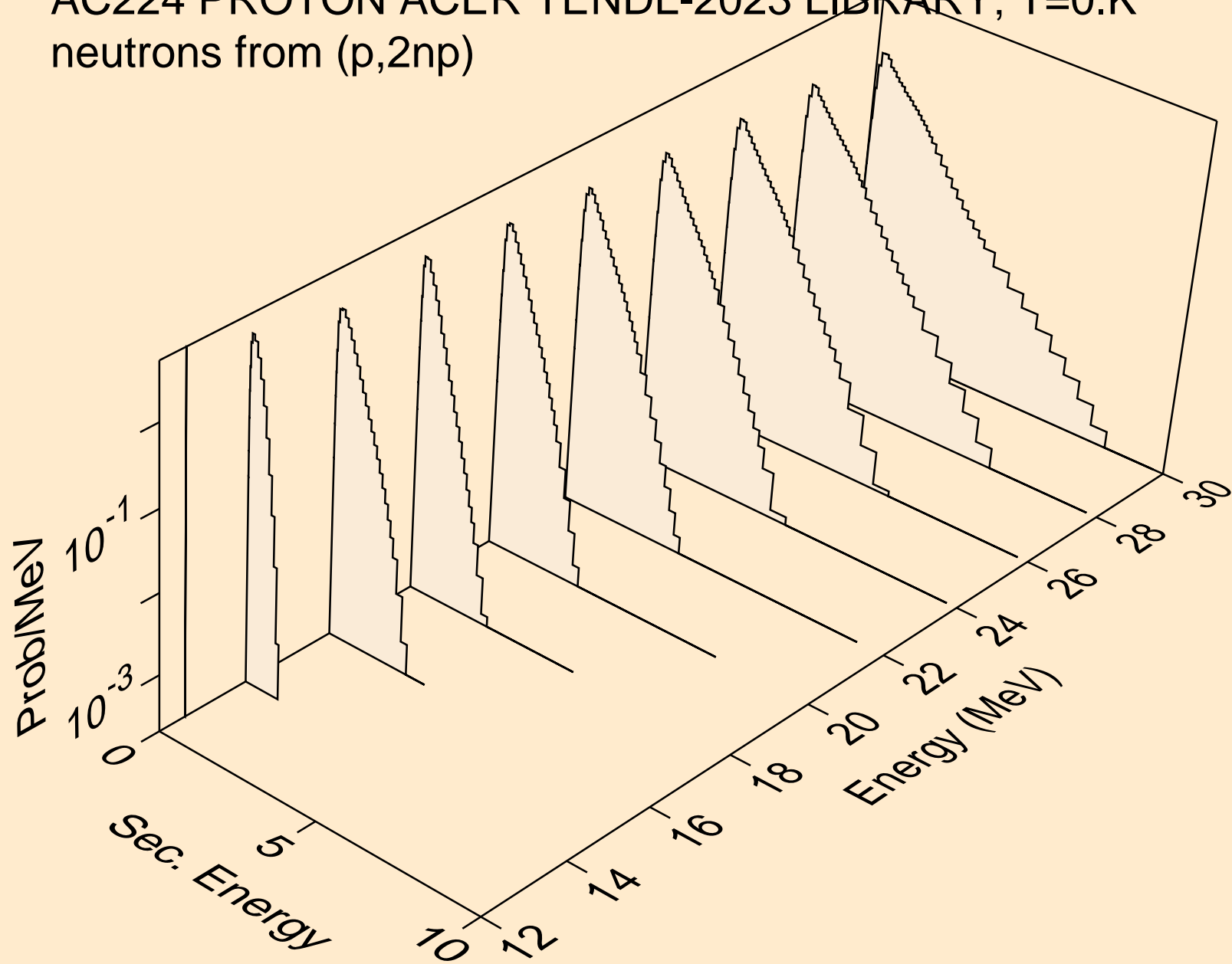
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t2a



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)

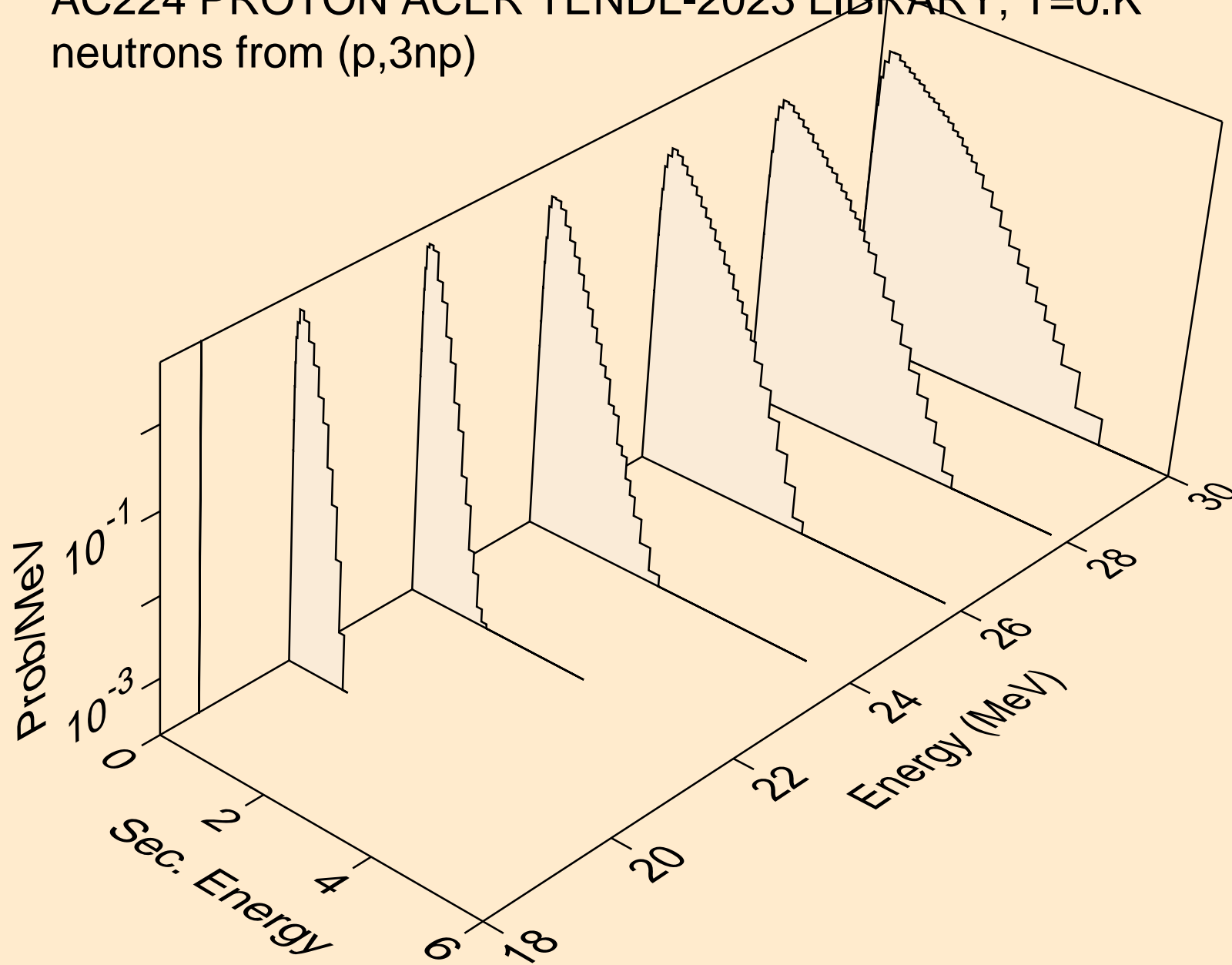


AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)

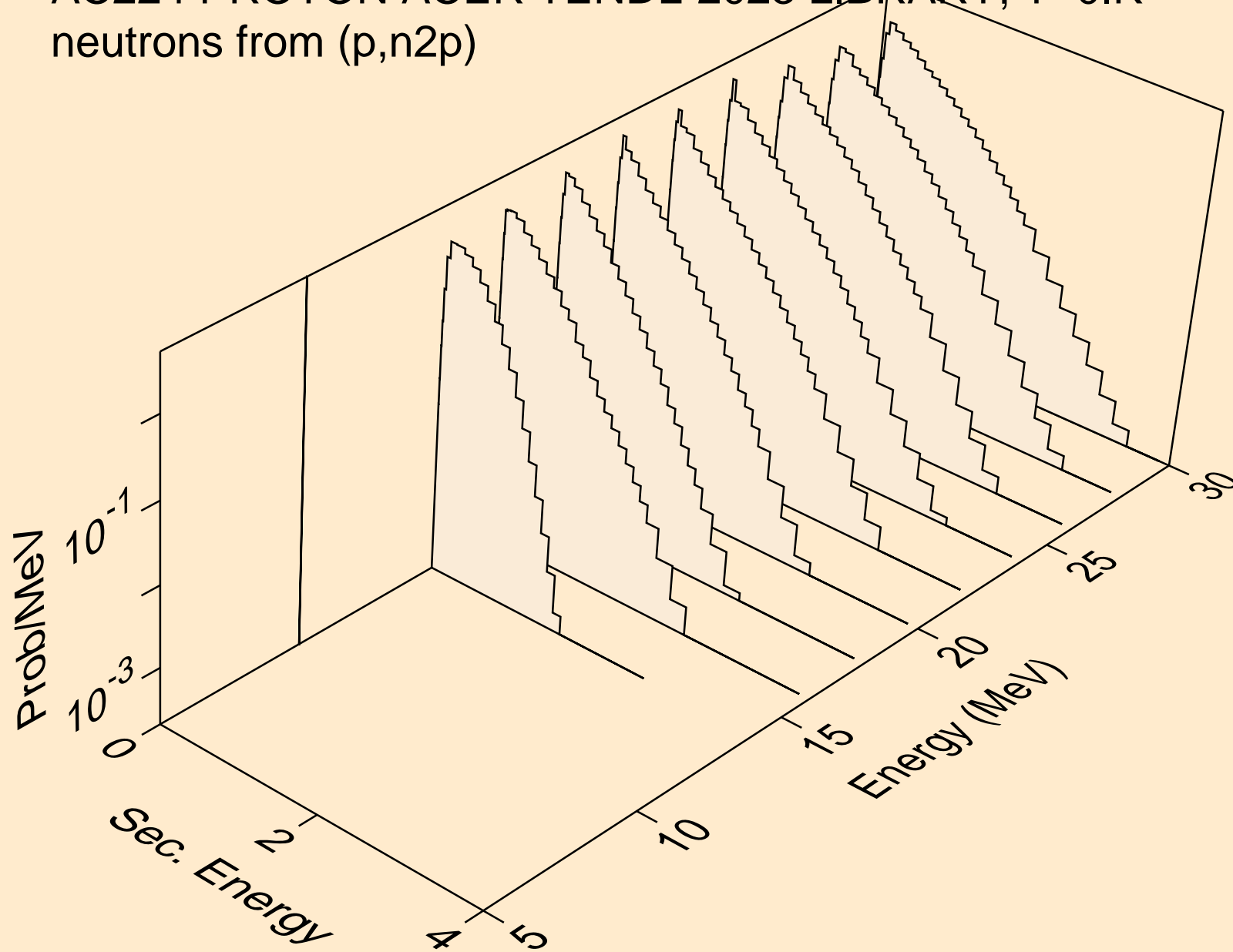




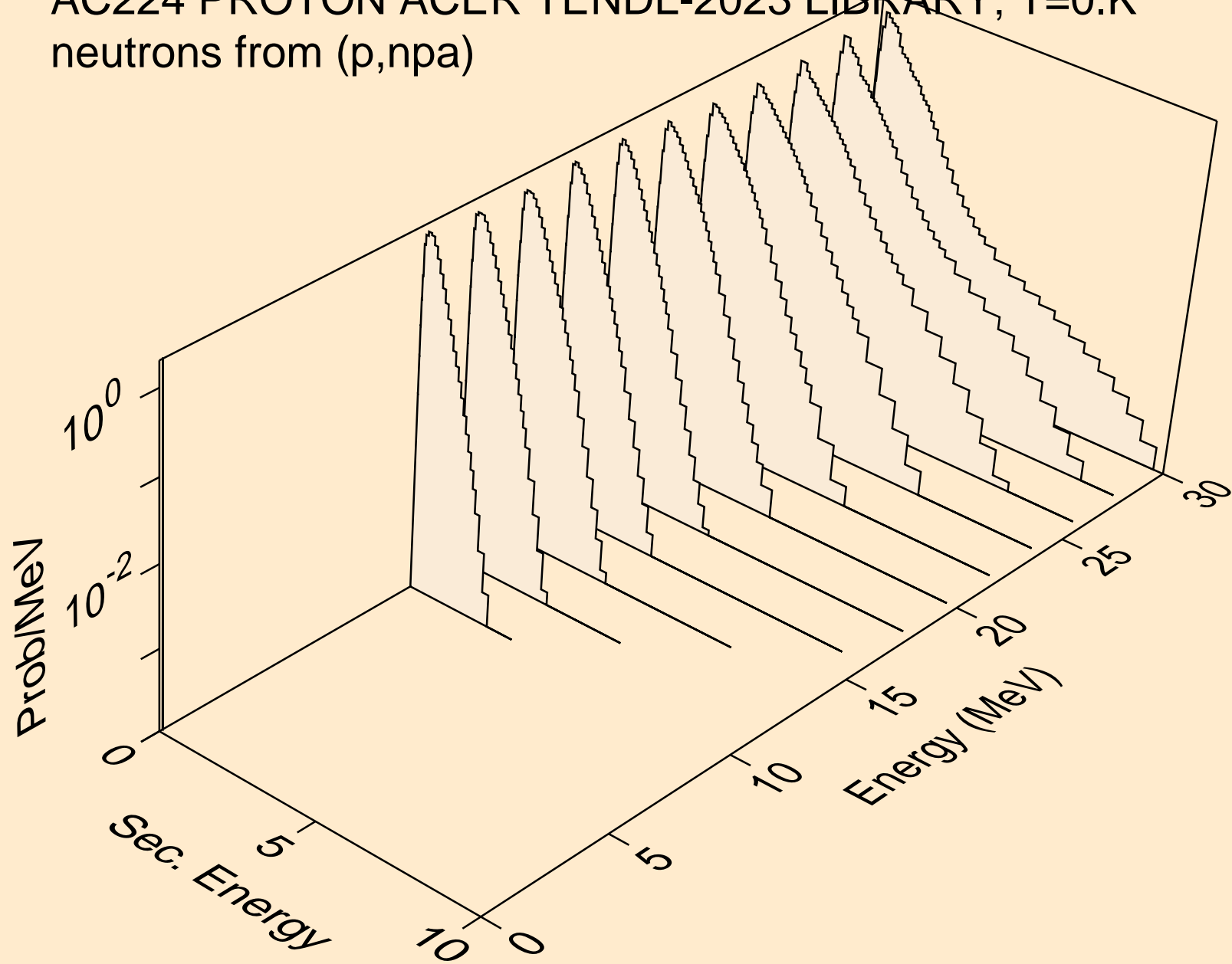
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neutrons from (p,3np)



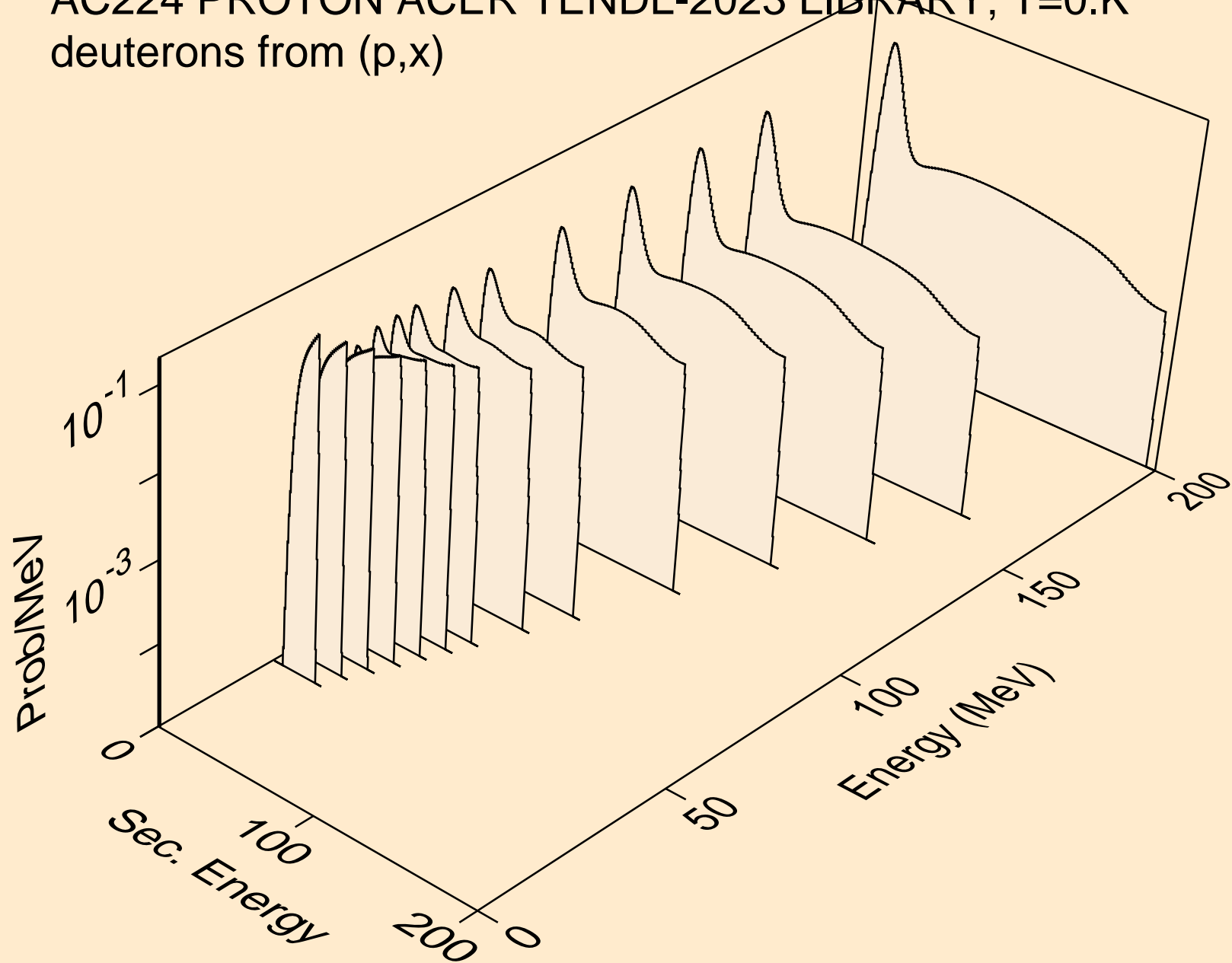
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neutrons from (p,n2p)



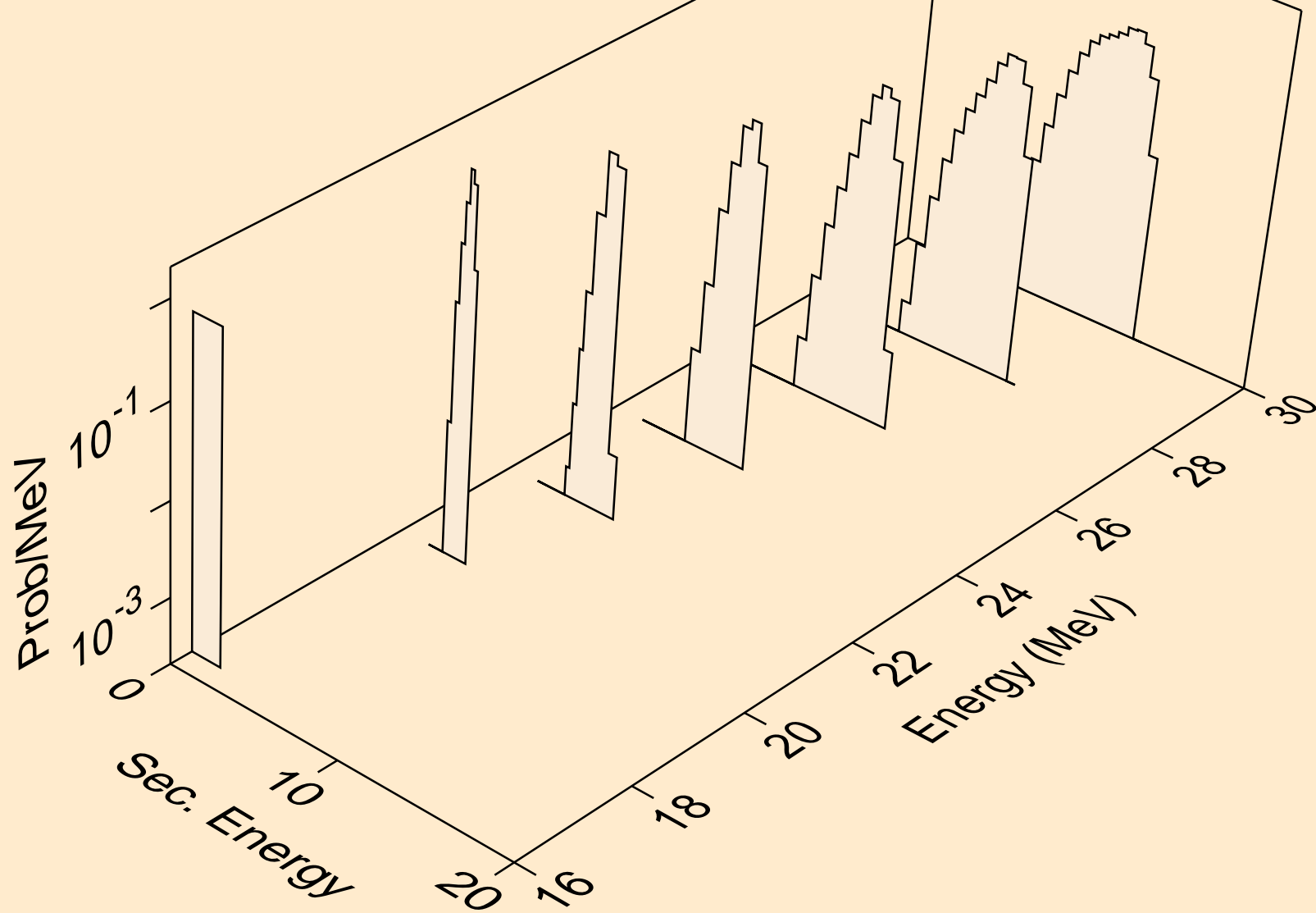
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neutrons from (p,npa)



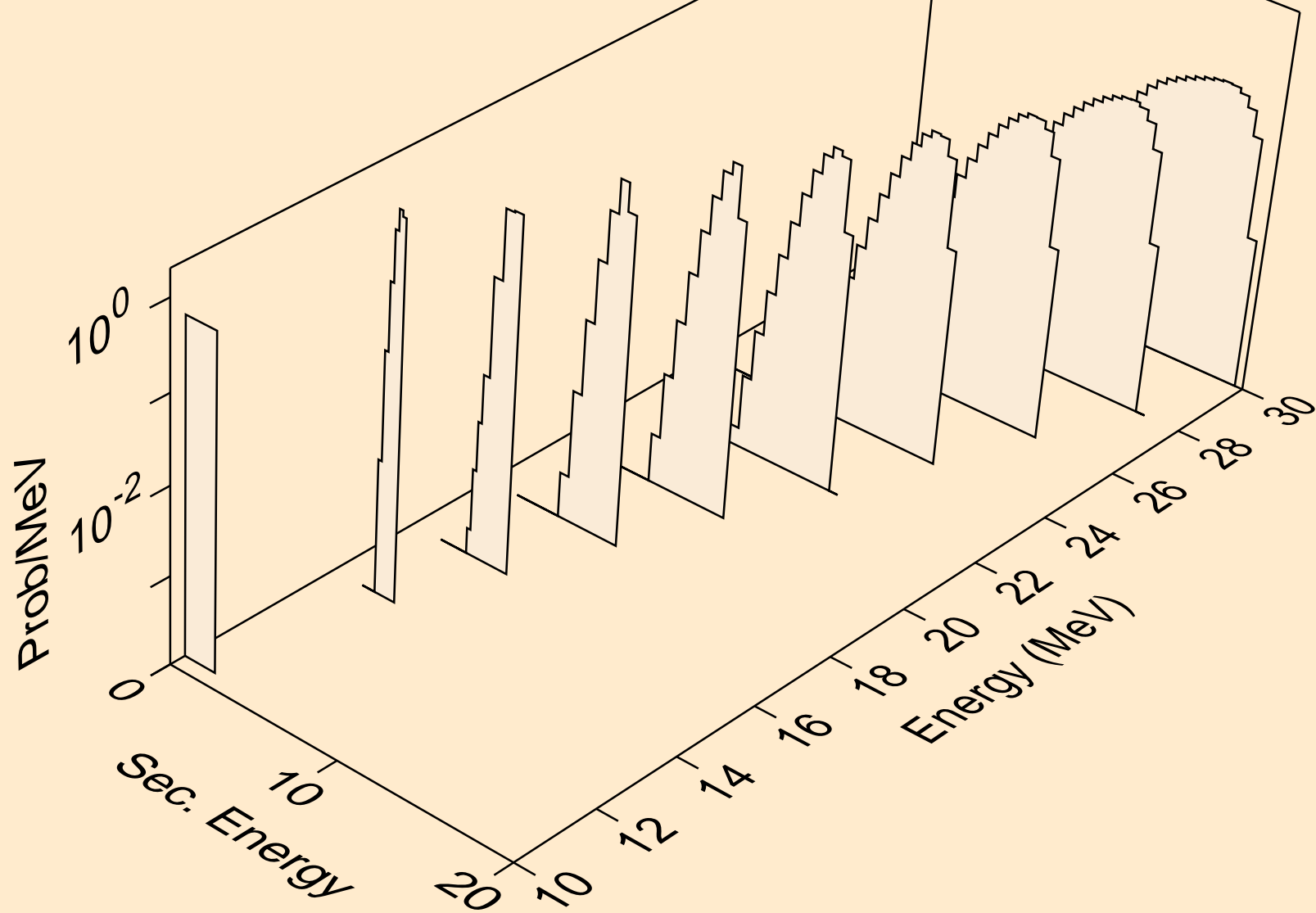
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deuterons from (p,x)



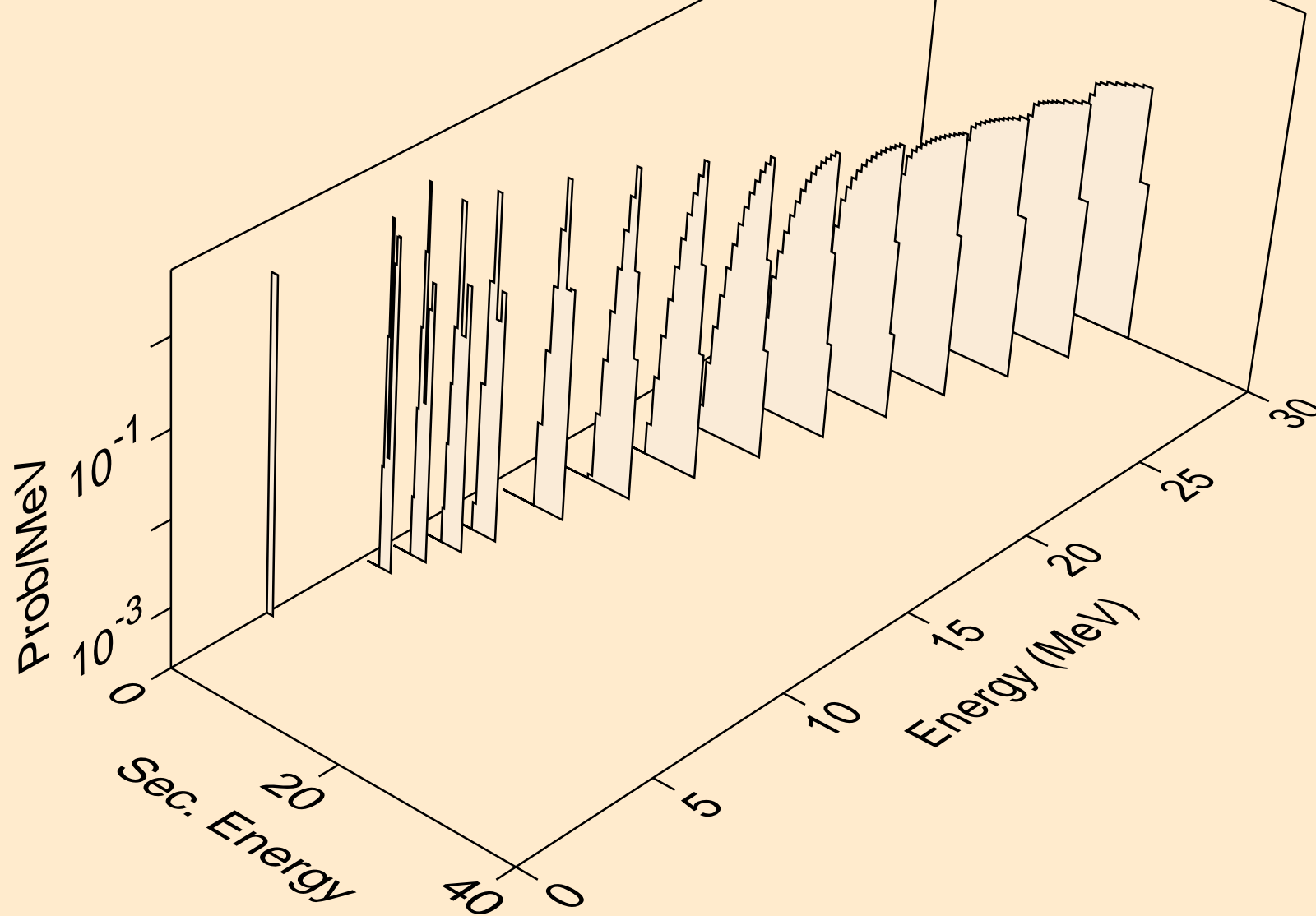
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deuterons from (p,2nd)



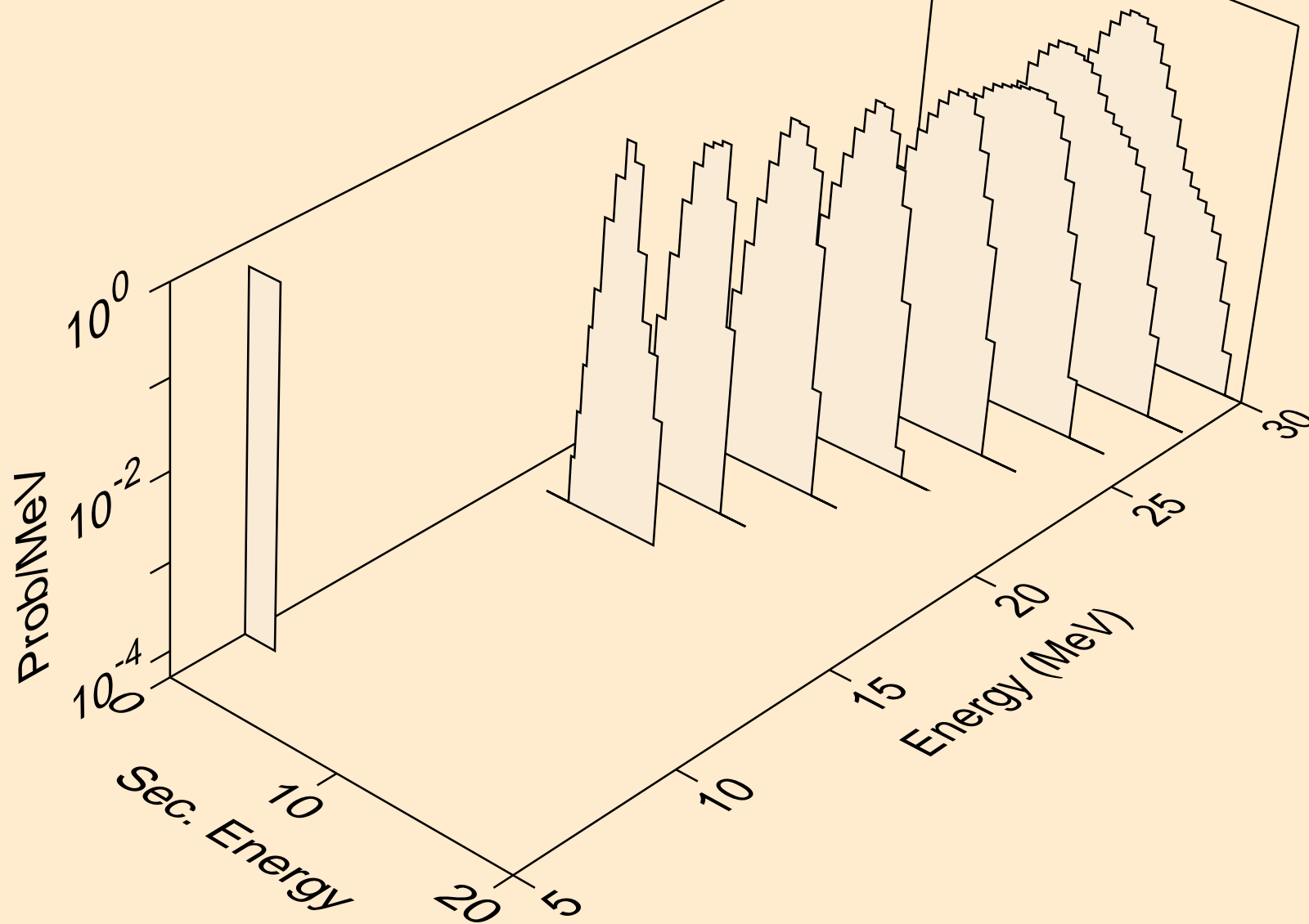
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

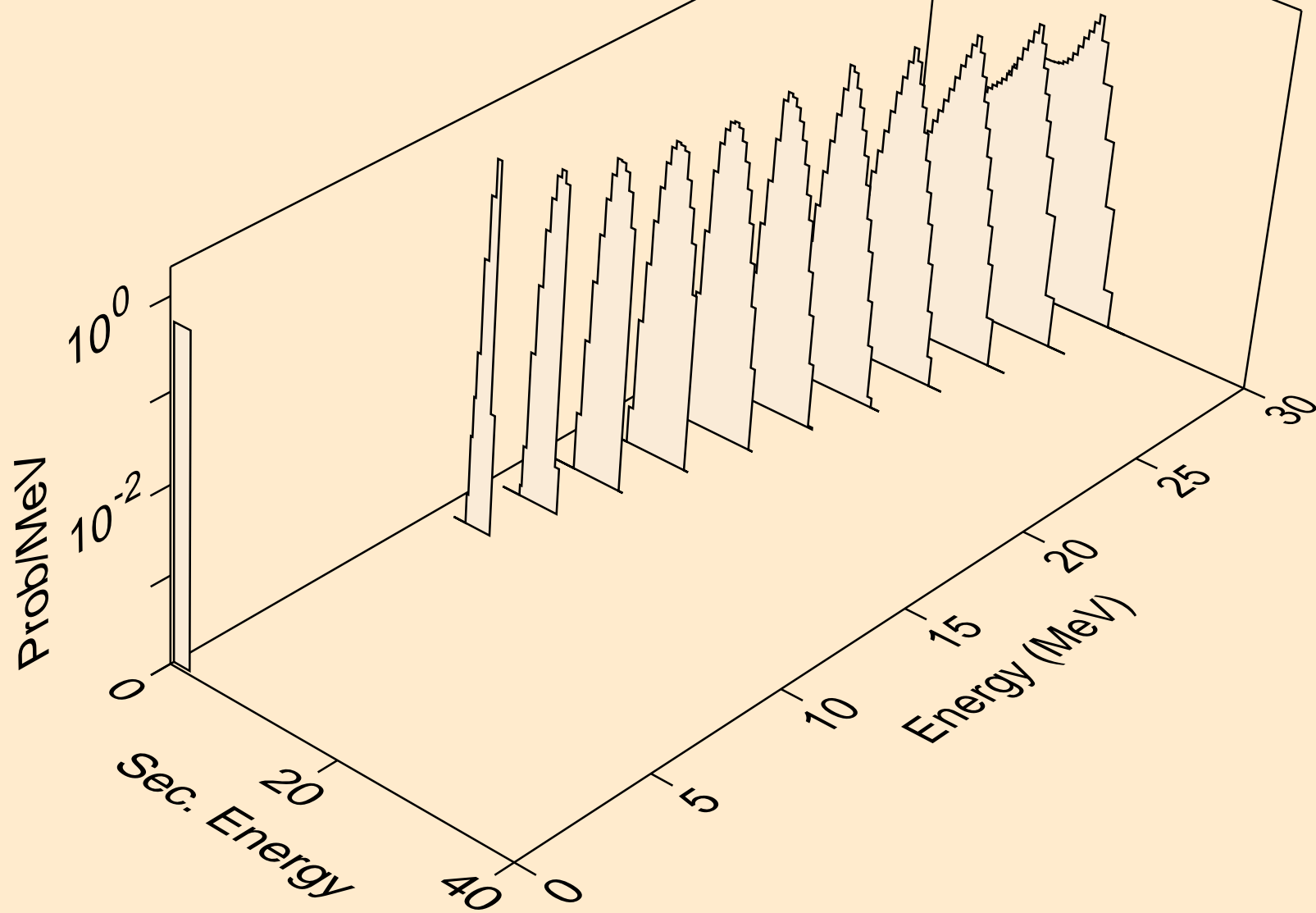


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deuterons from (p,pd)

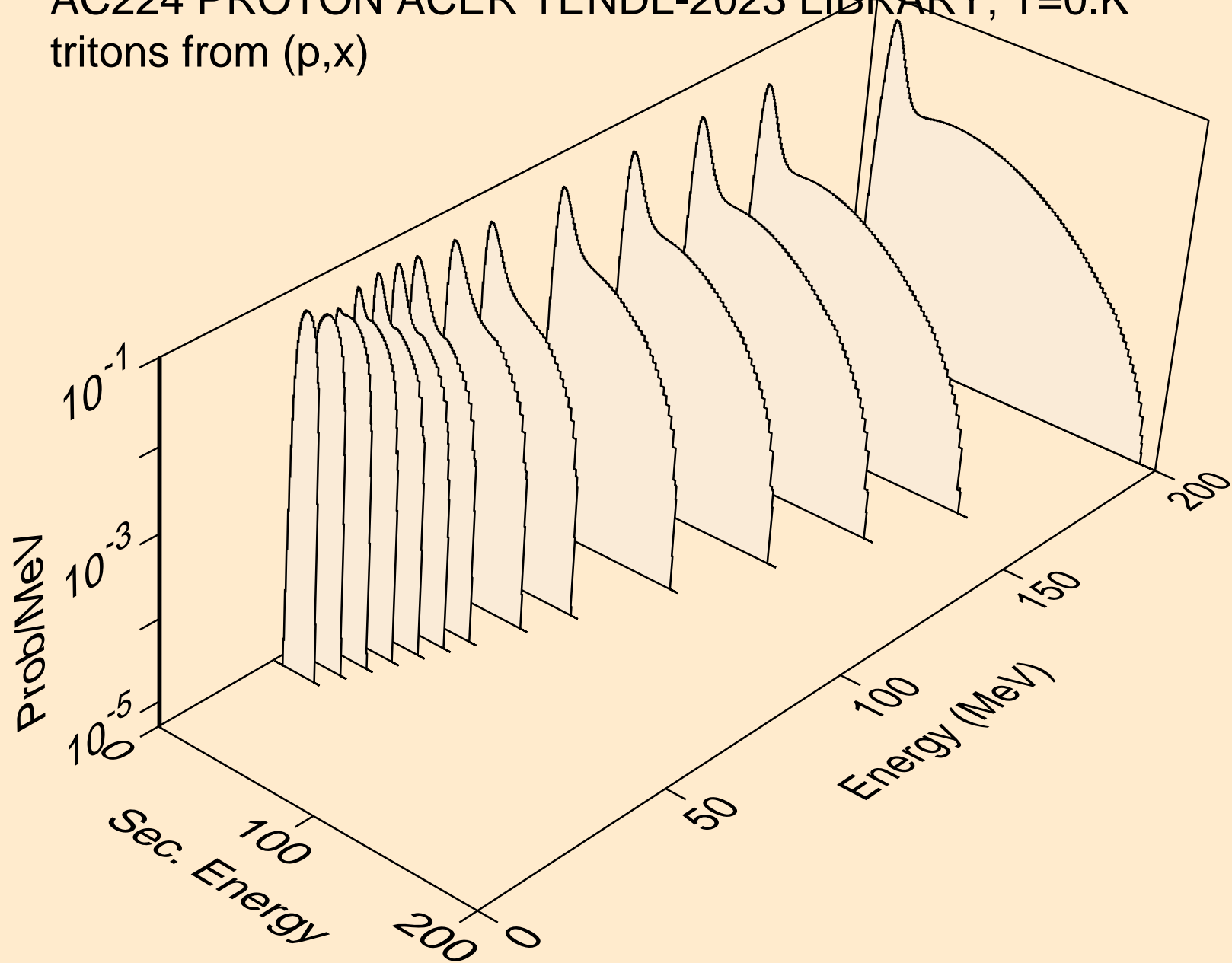




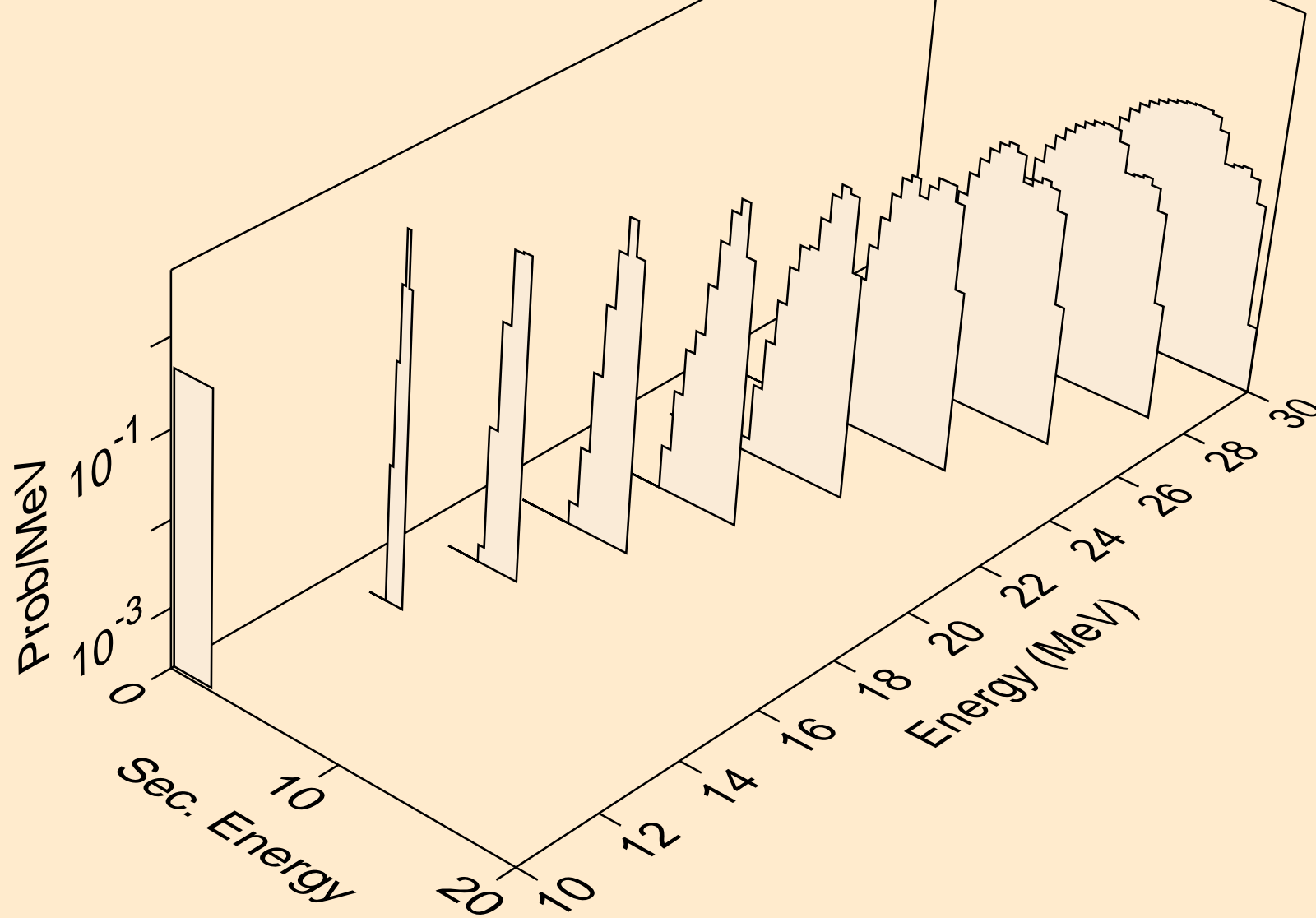
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deuterons from (p,da)



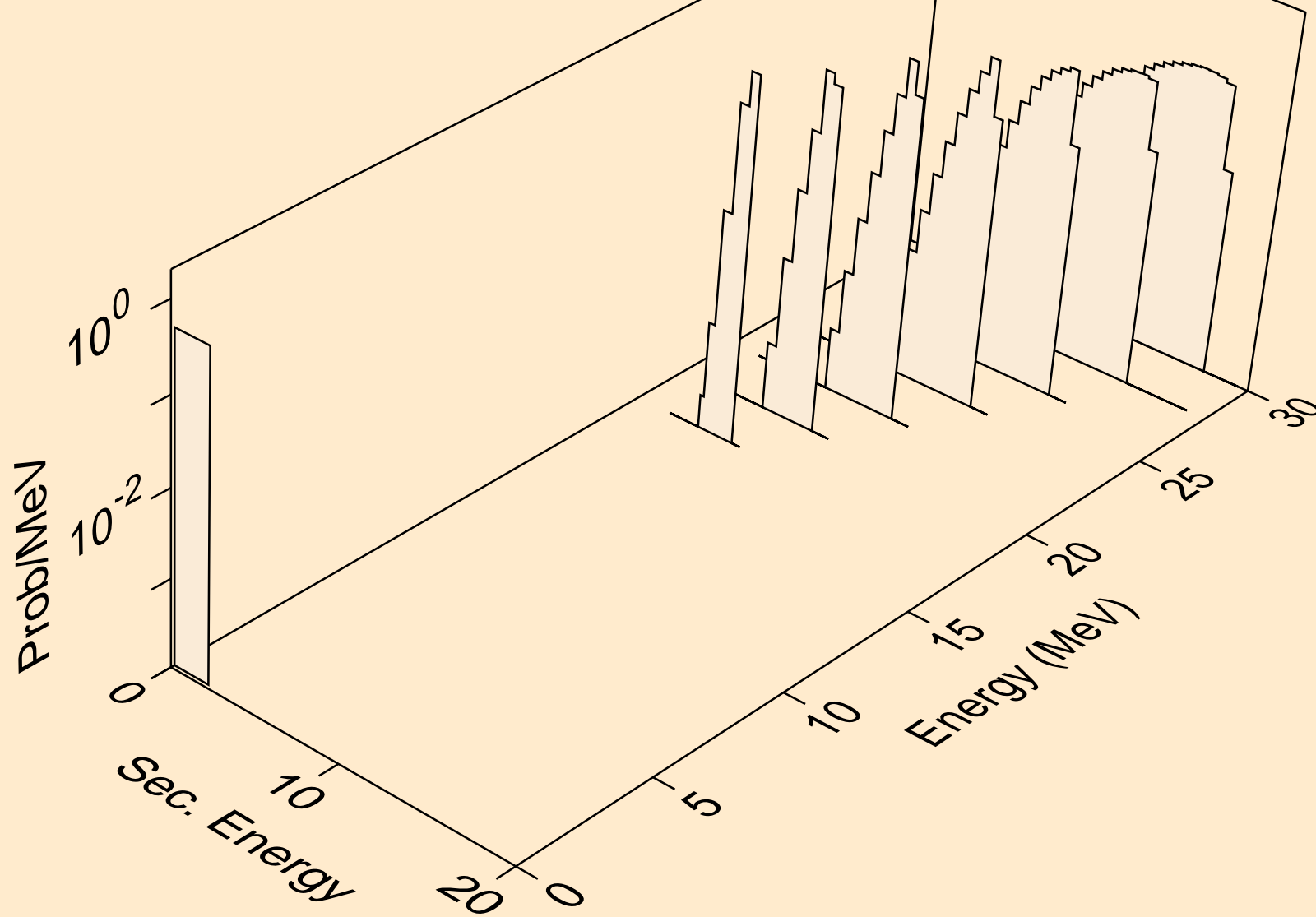
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tritons from (p,x)



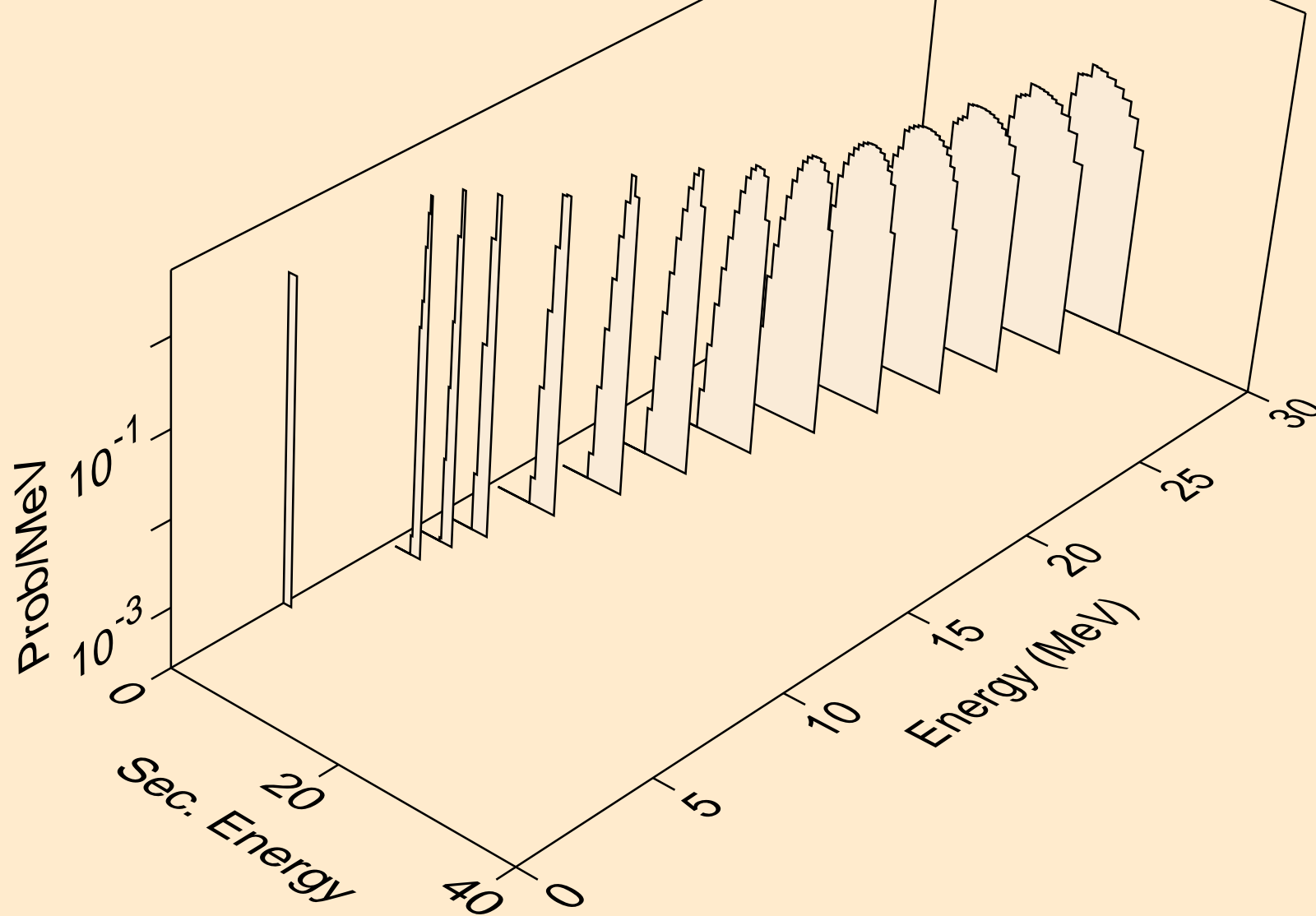
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



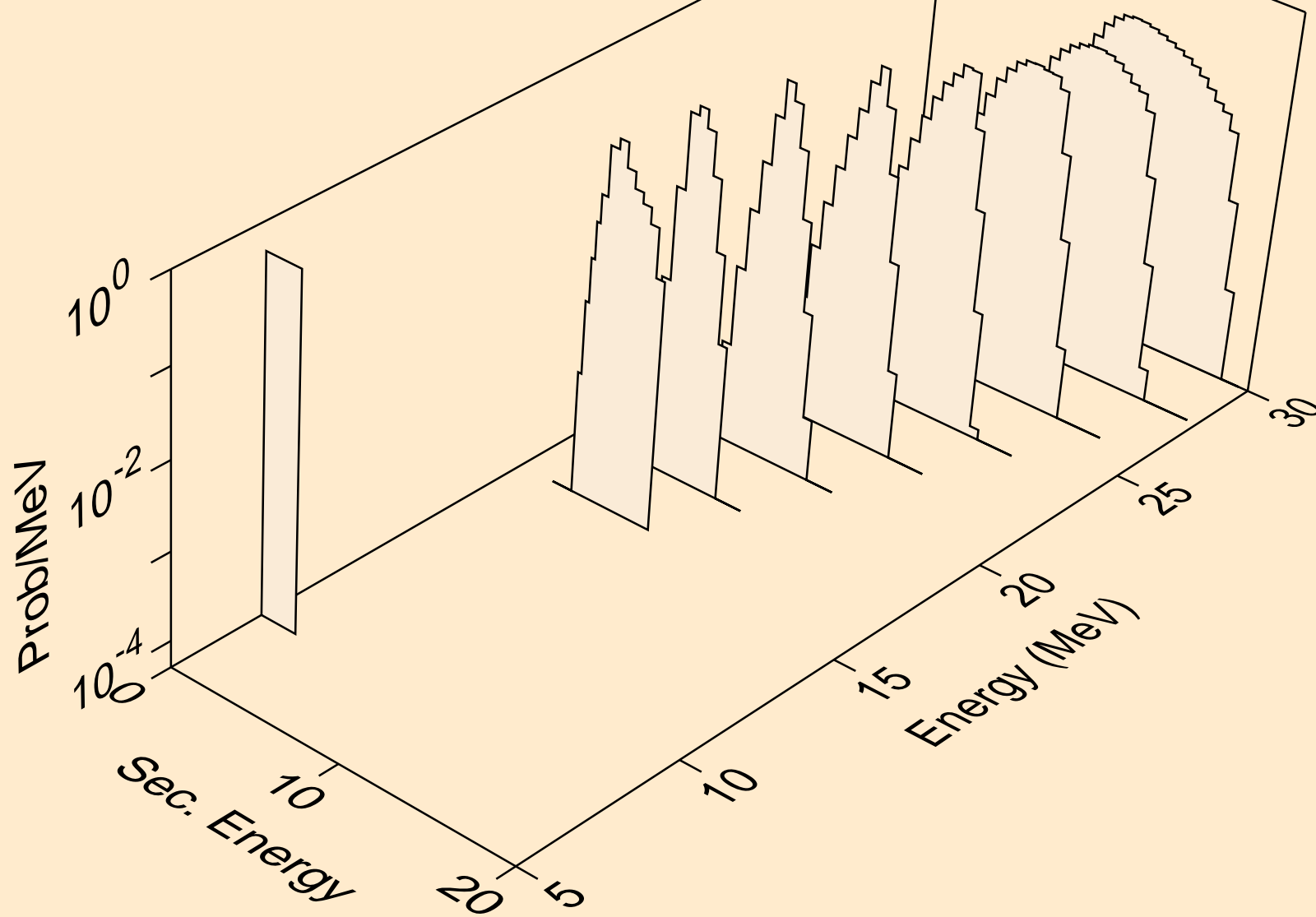
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tritons from (p,n\*)t2a



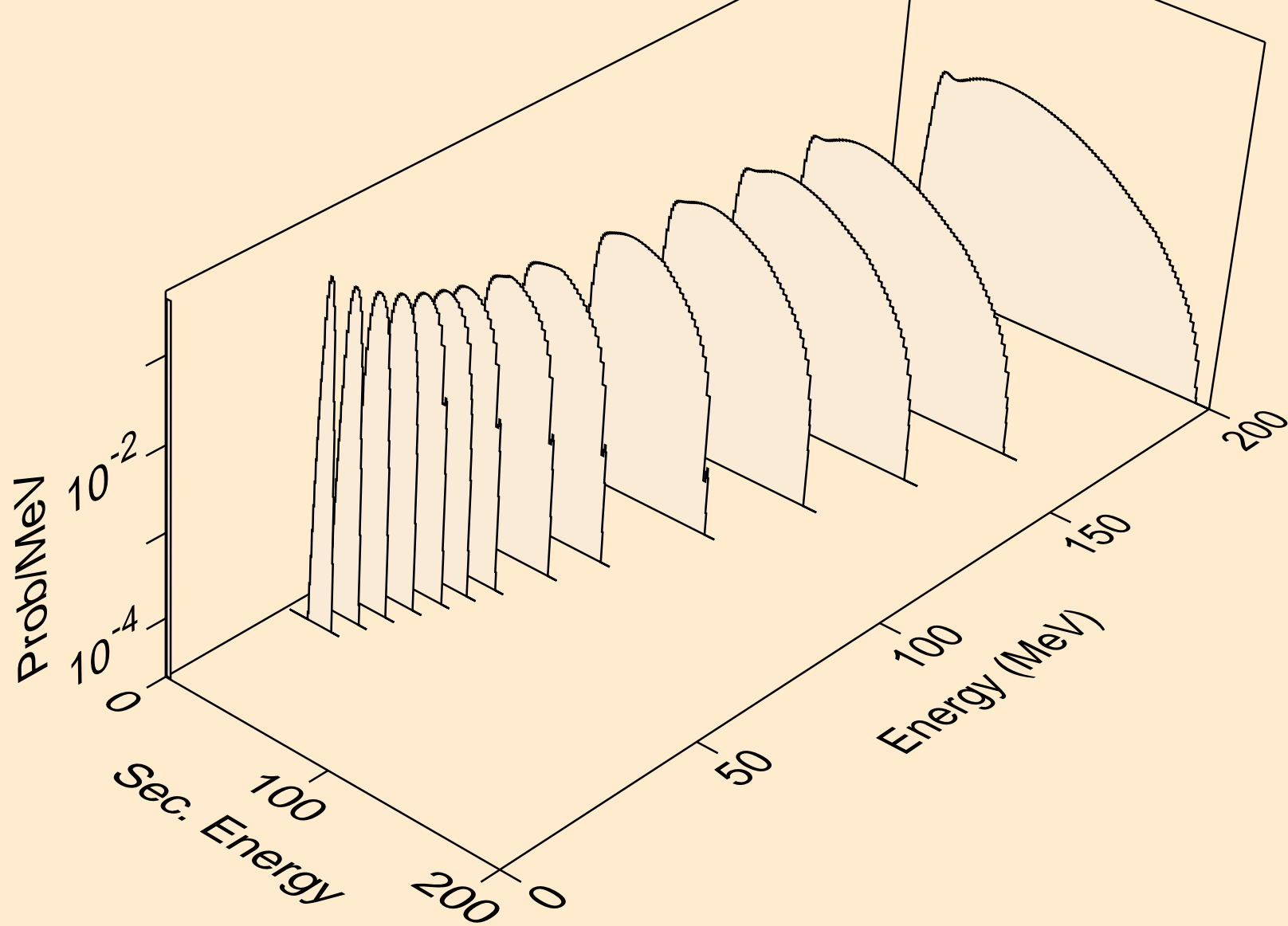
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tritons from (p,t)



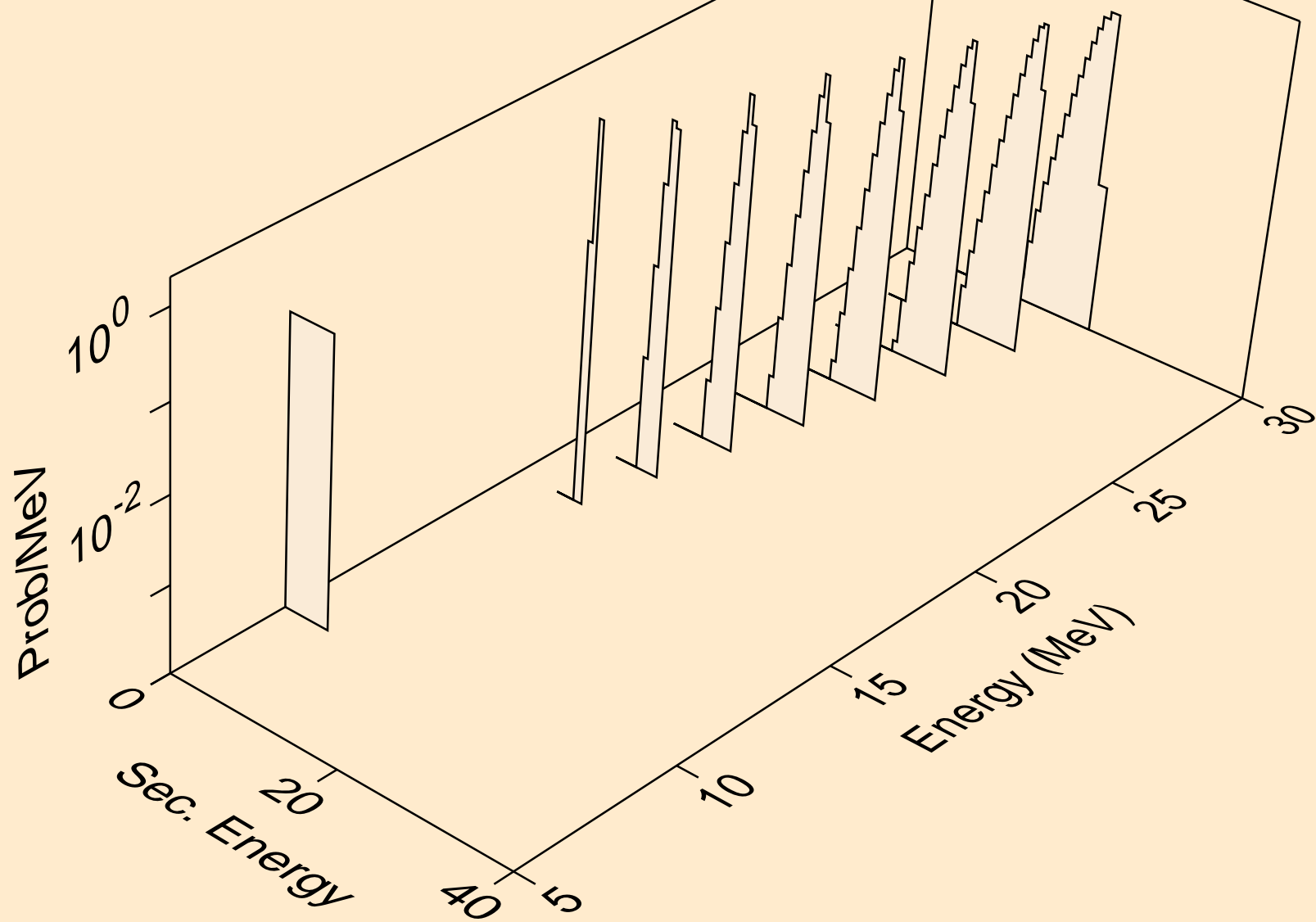
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

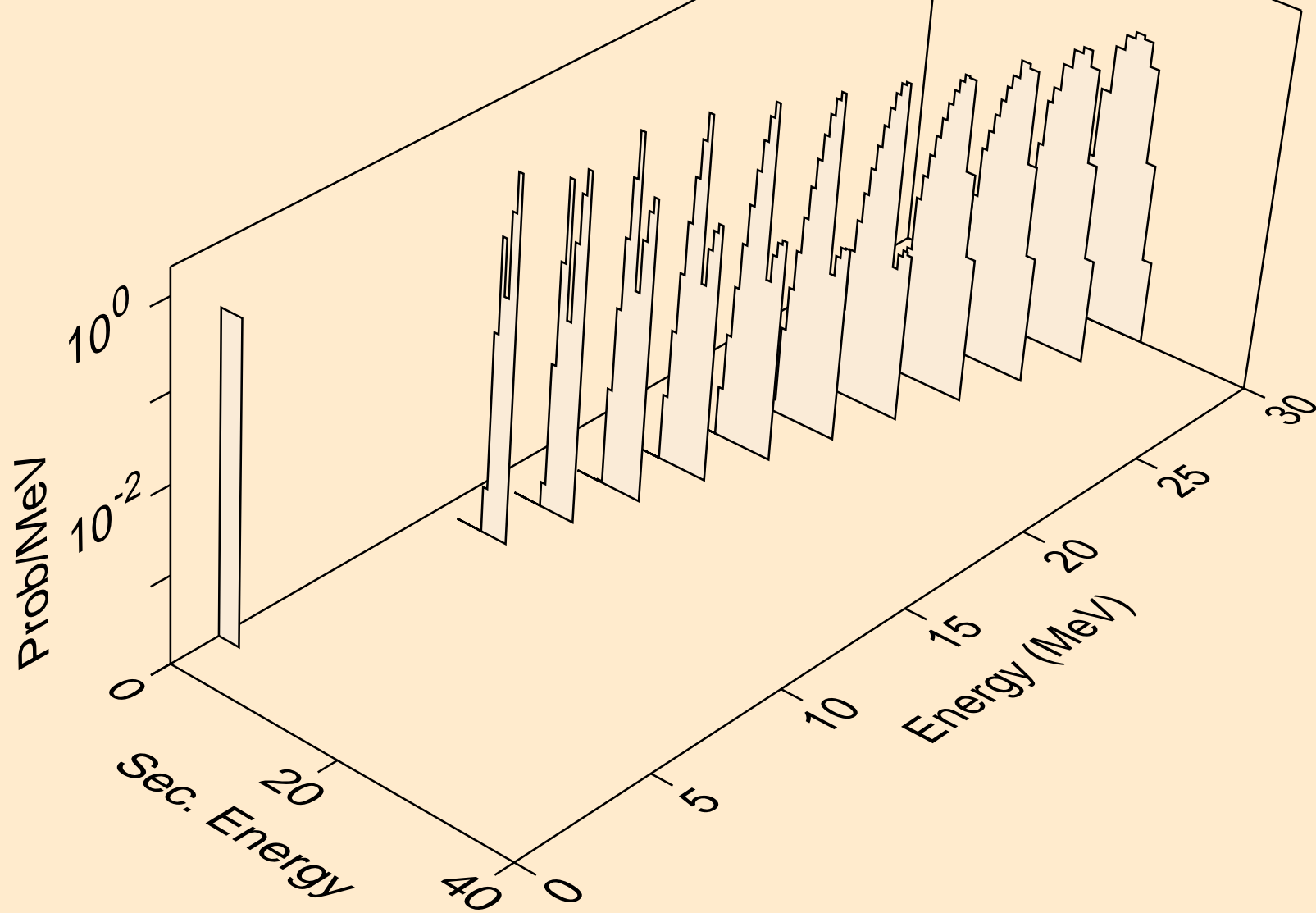


AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

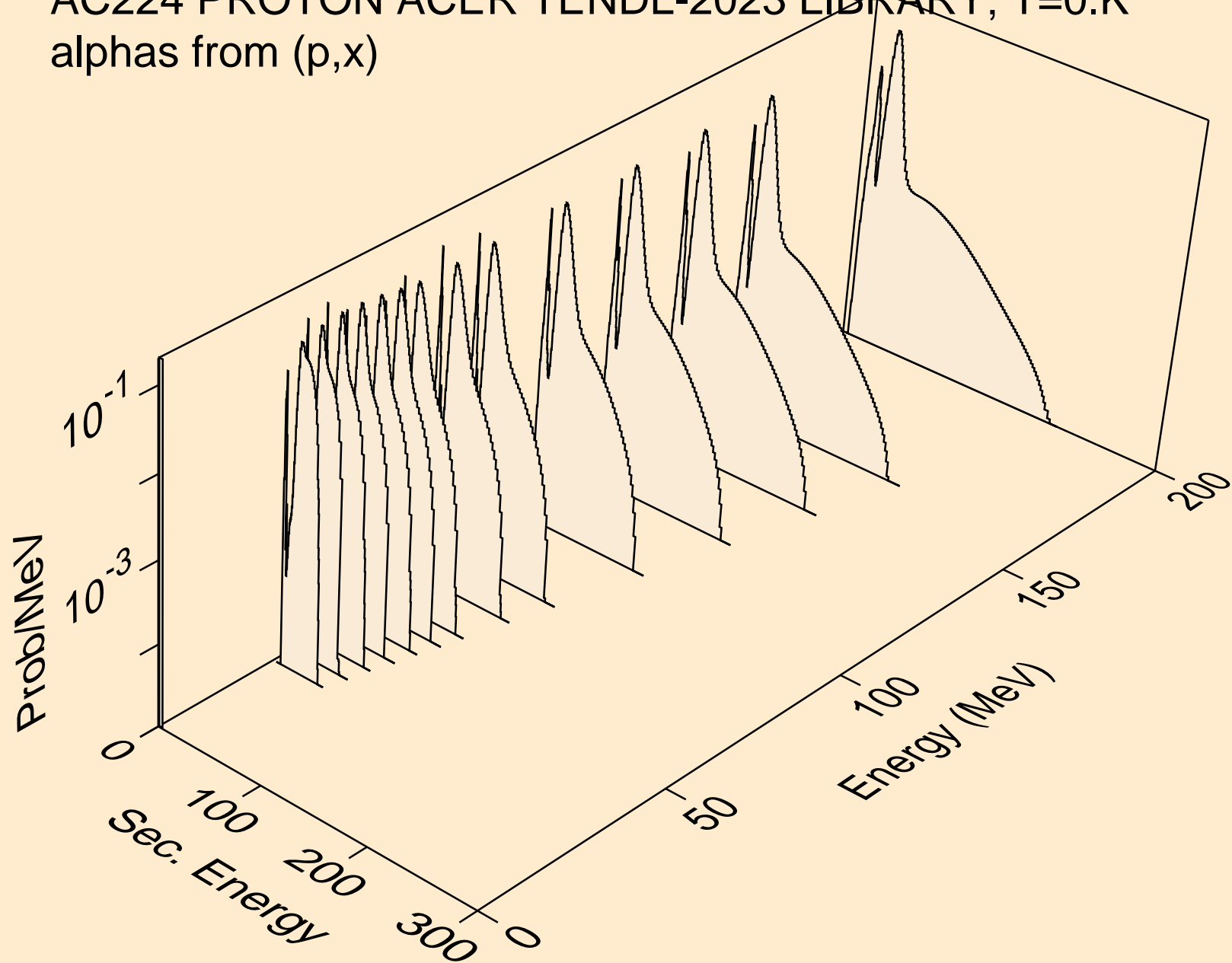




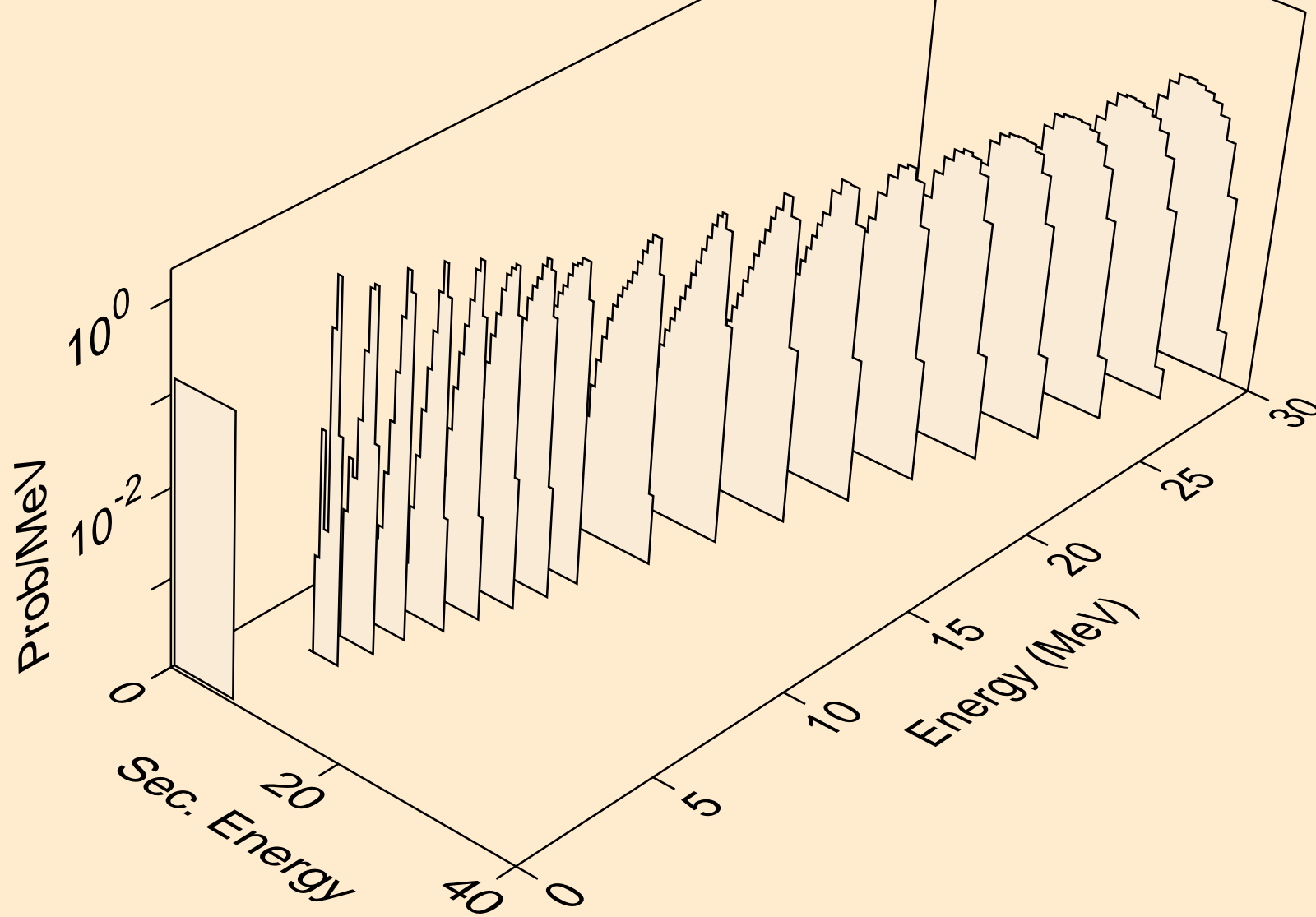
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he3s from (p,he3)



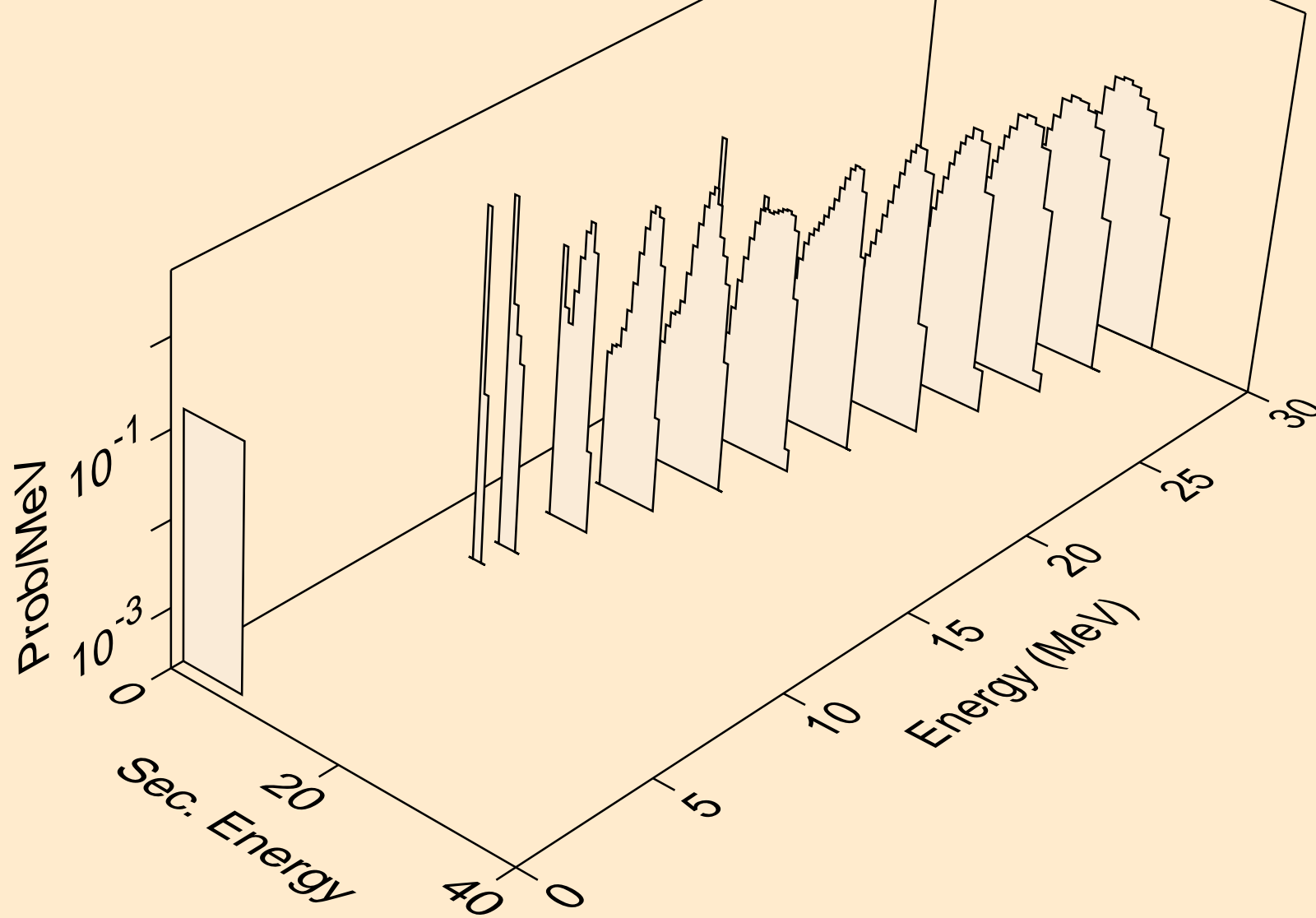
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



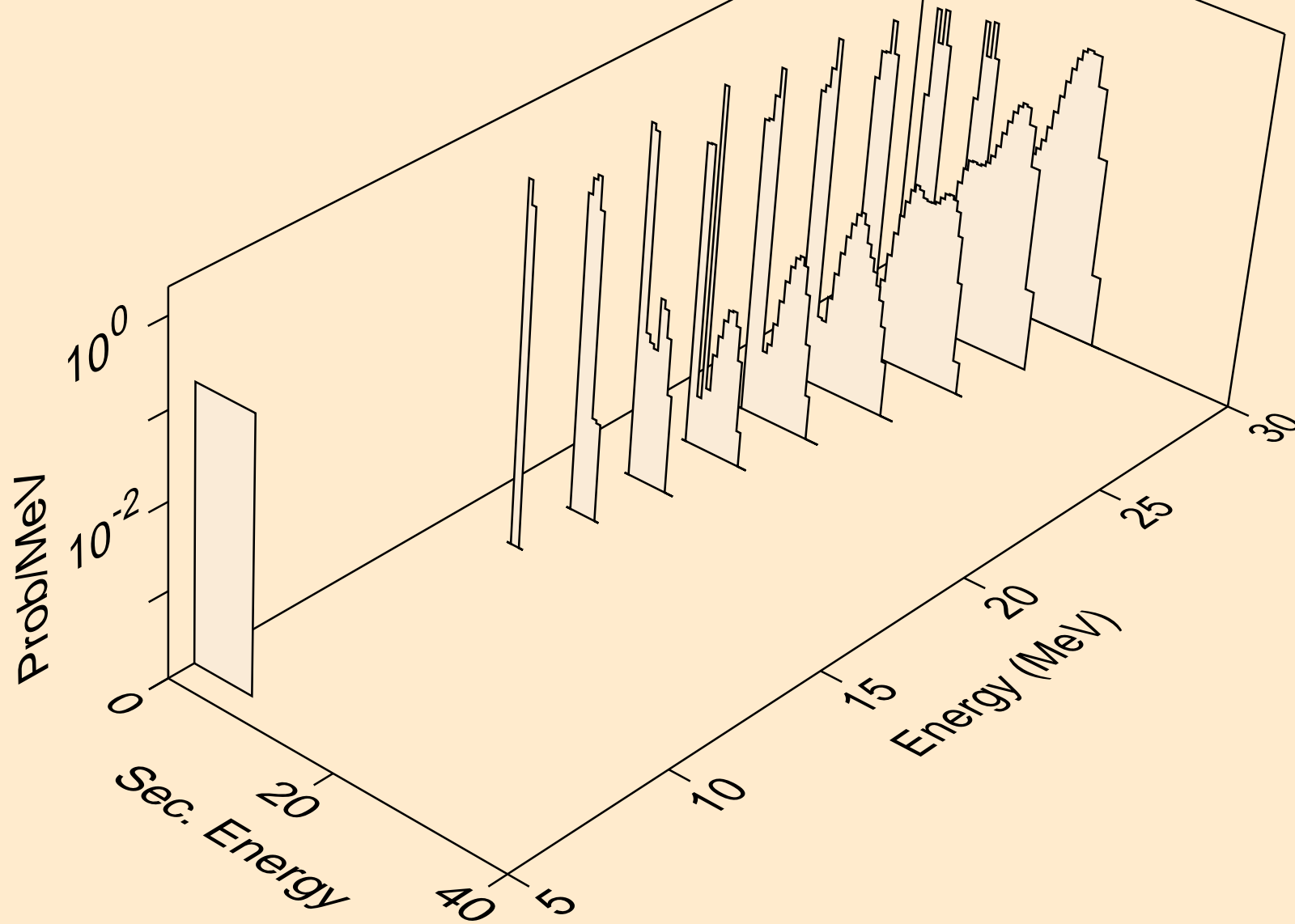
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



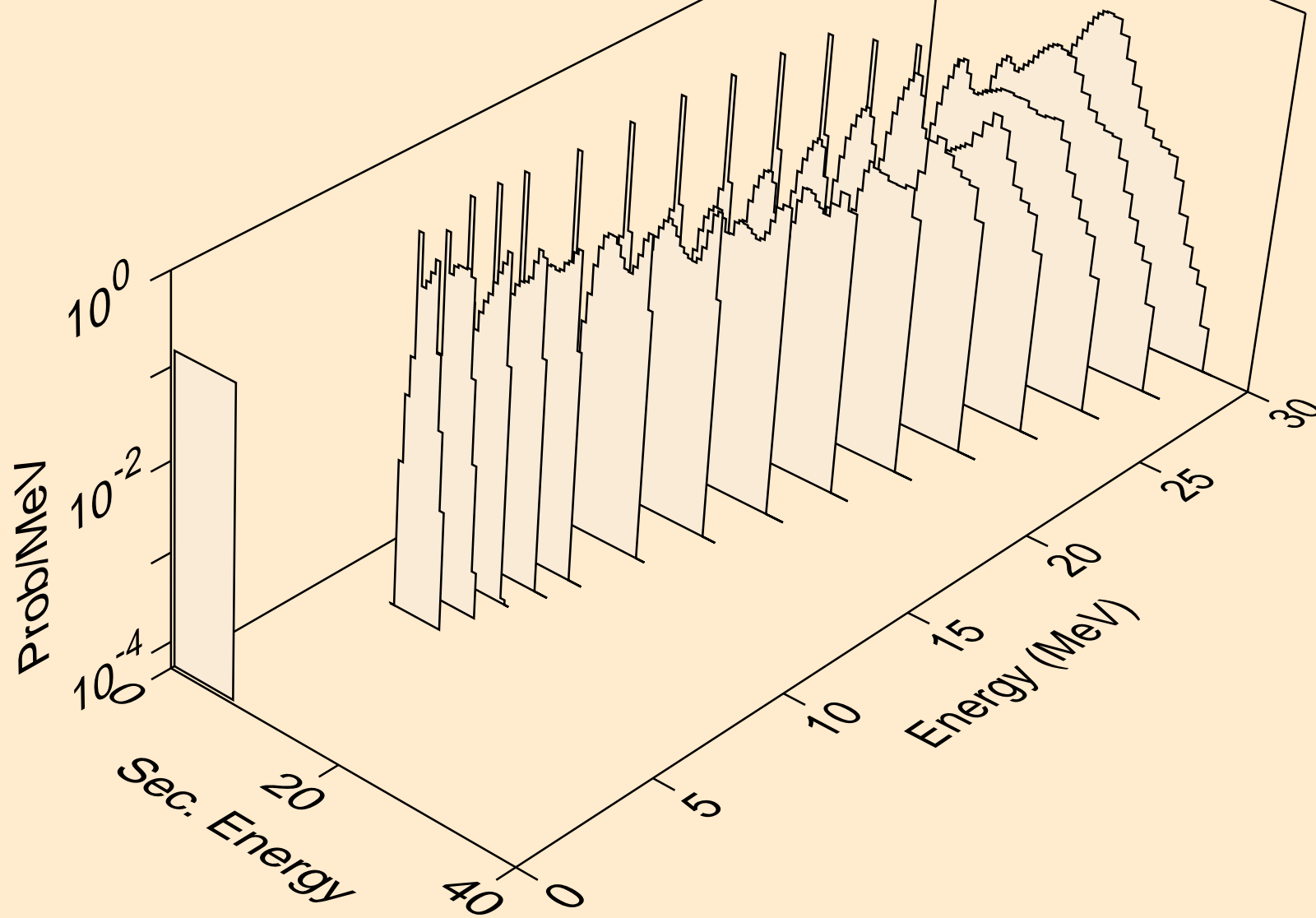
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



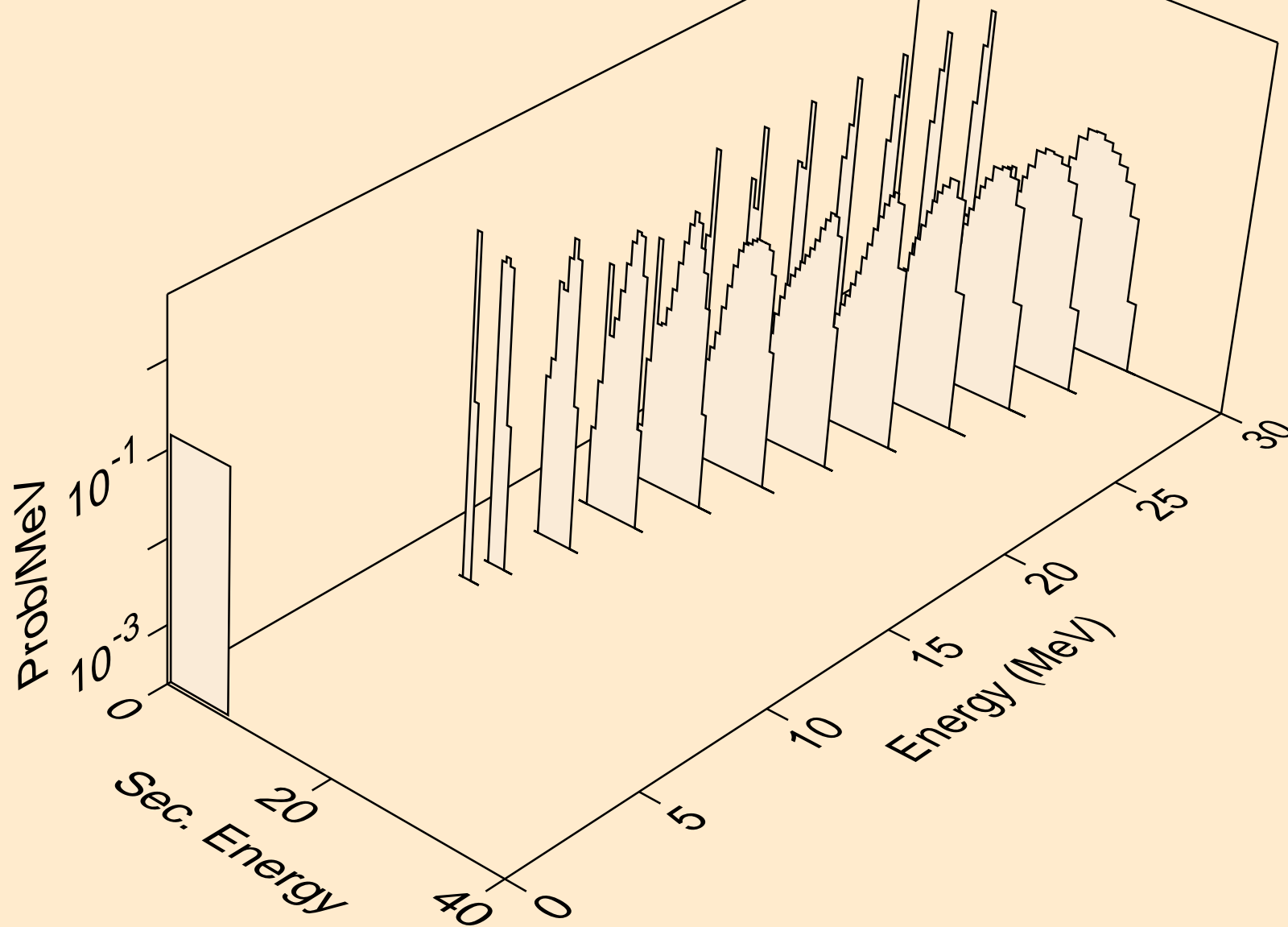
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alphas from (p,3n)a



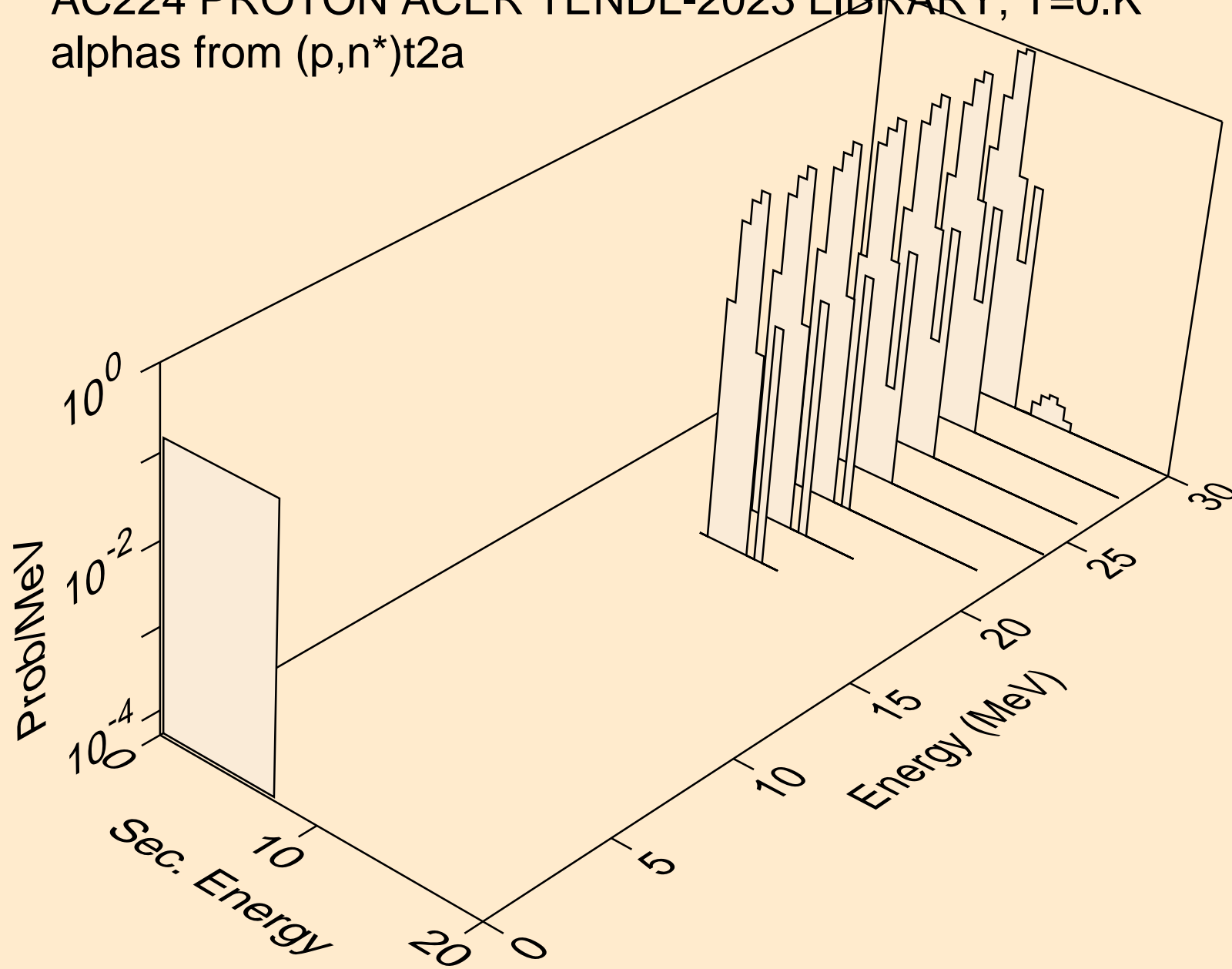
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)2a

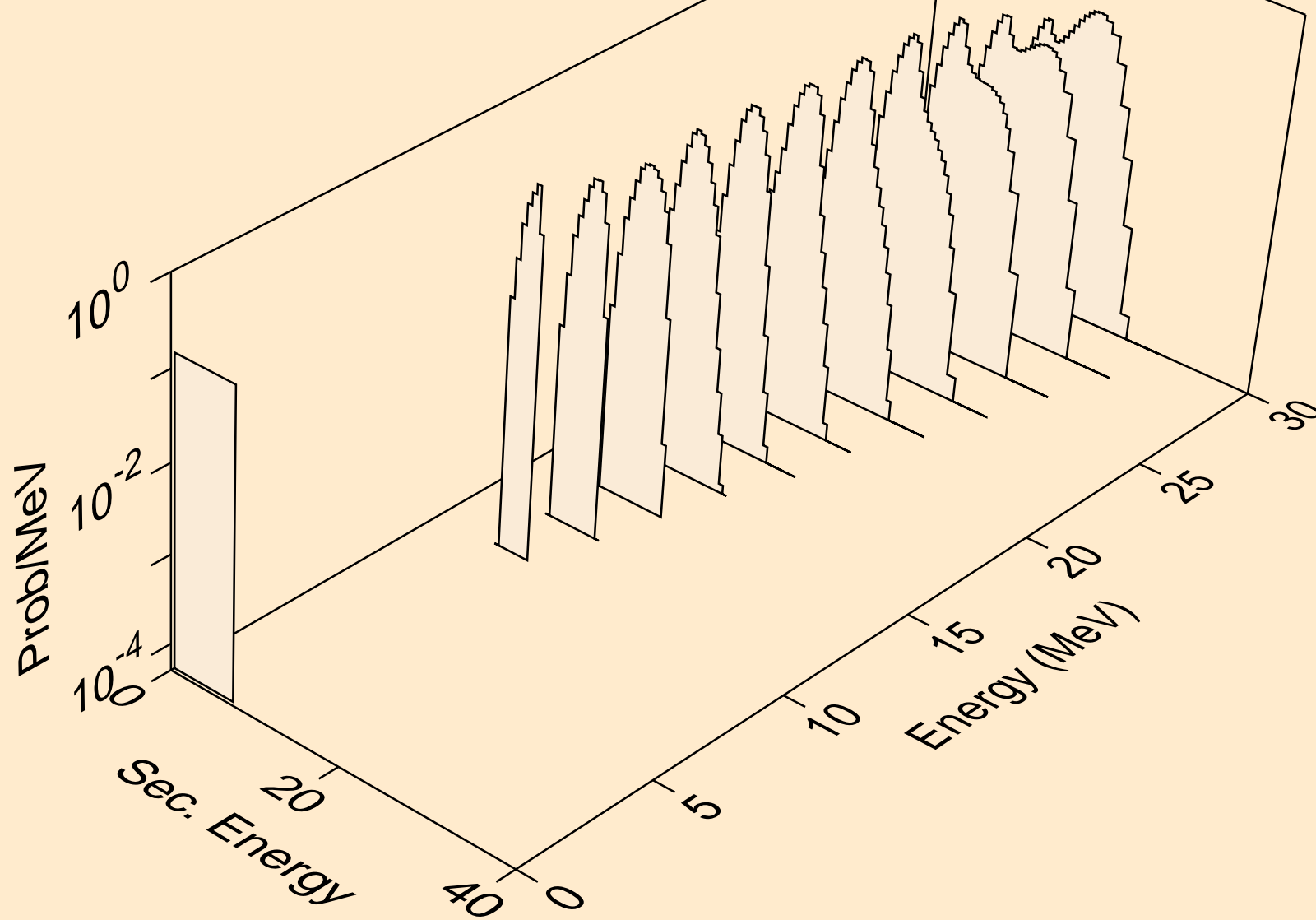


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alphas from (p,n\*)t2a

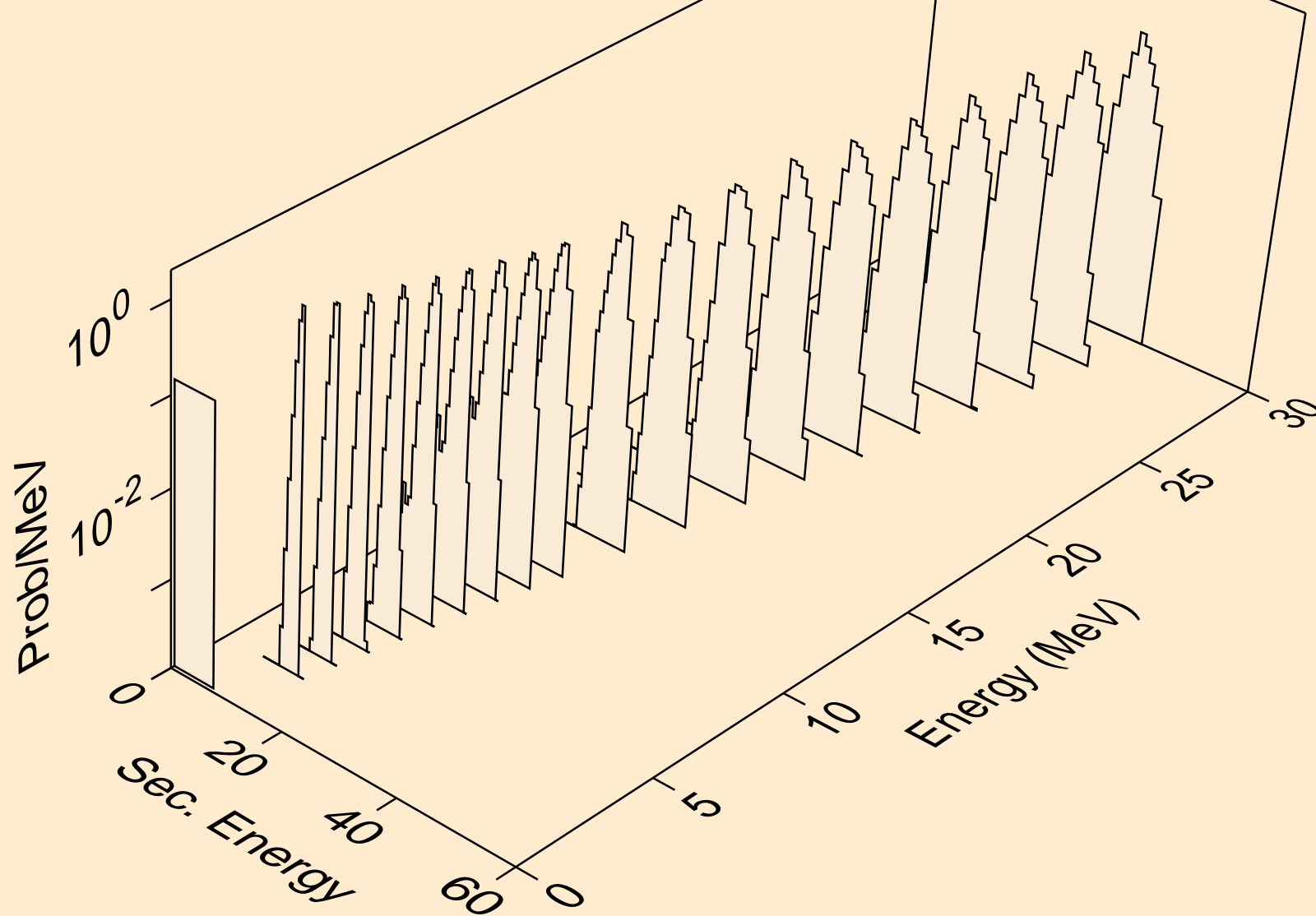




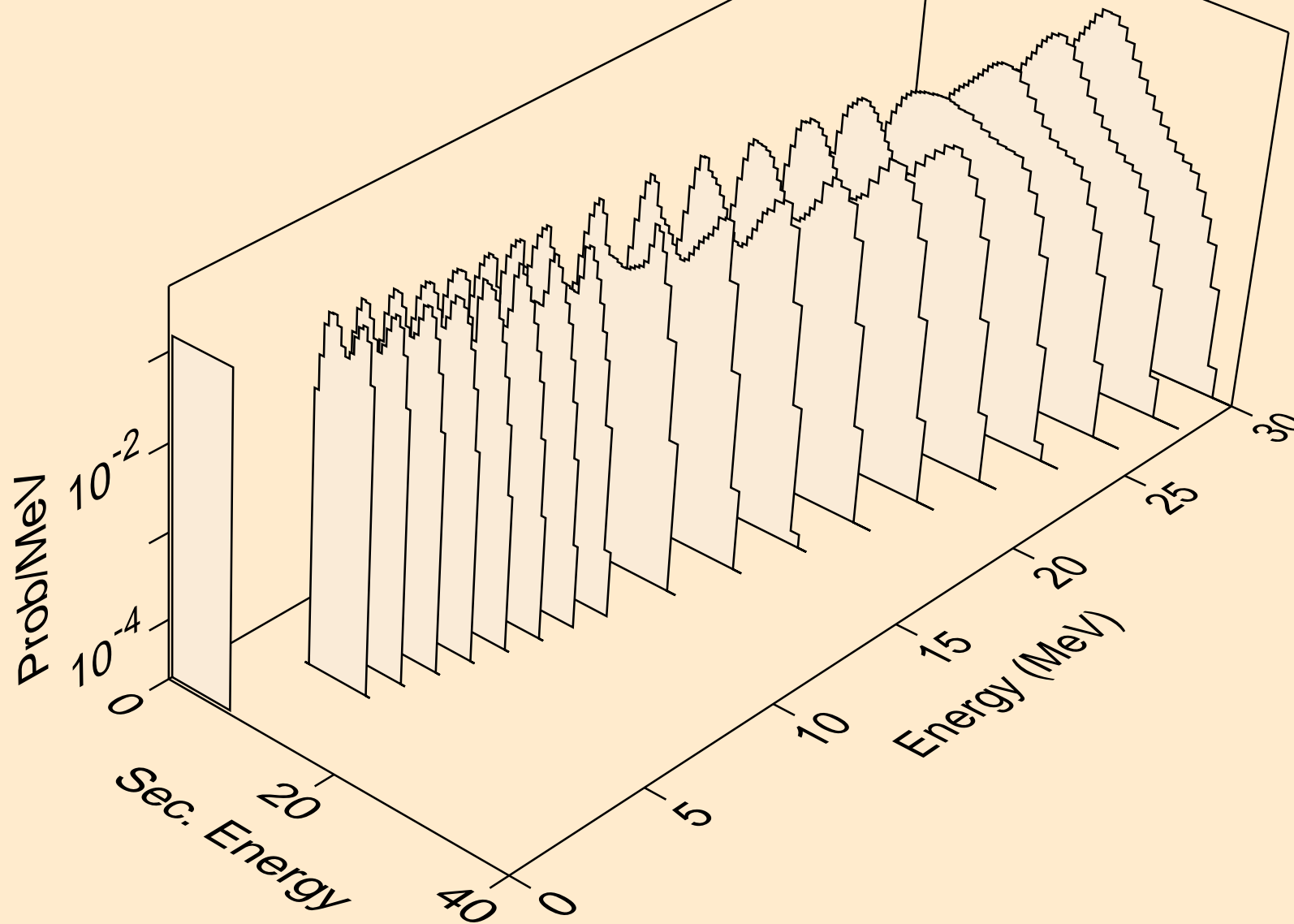
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alphas from (p,npa)



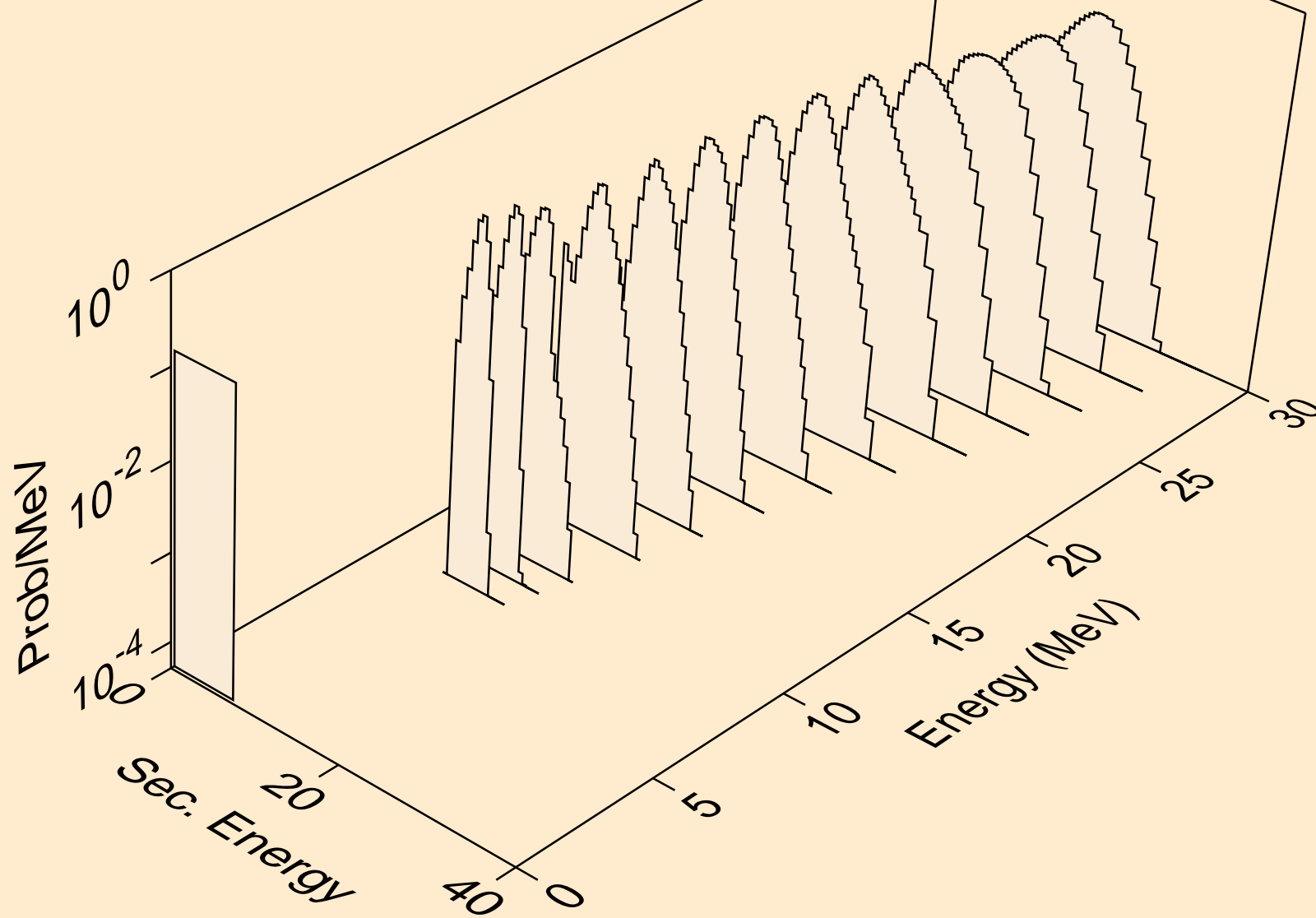
AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



AC224 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

