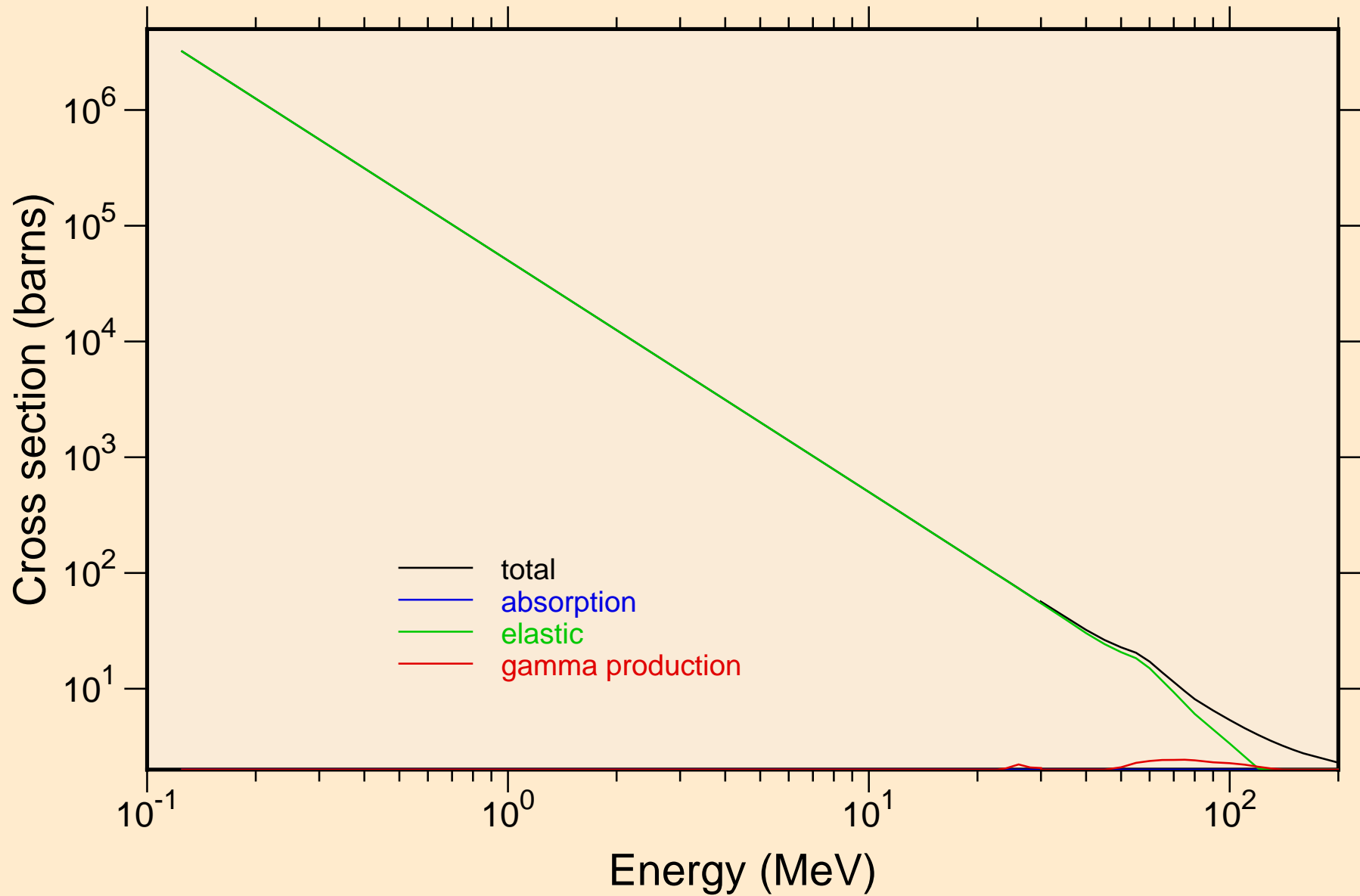
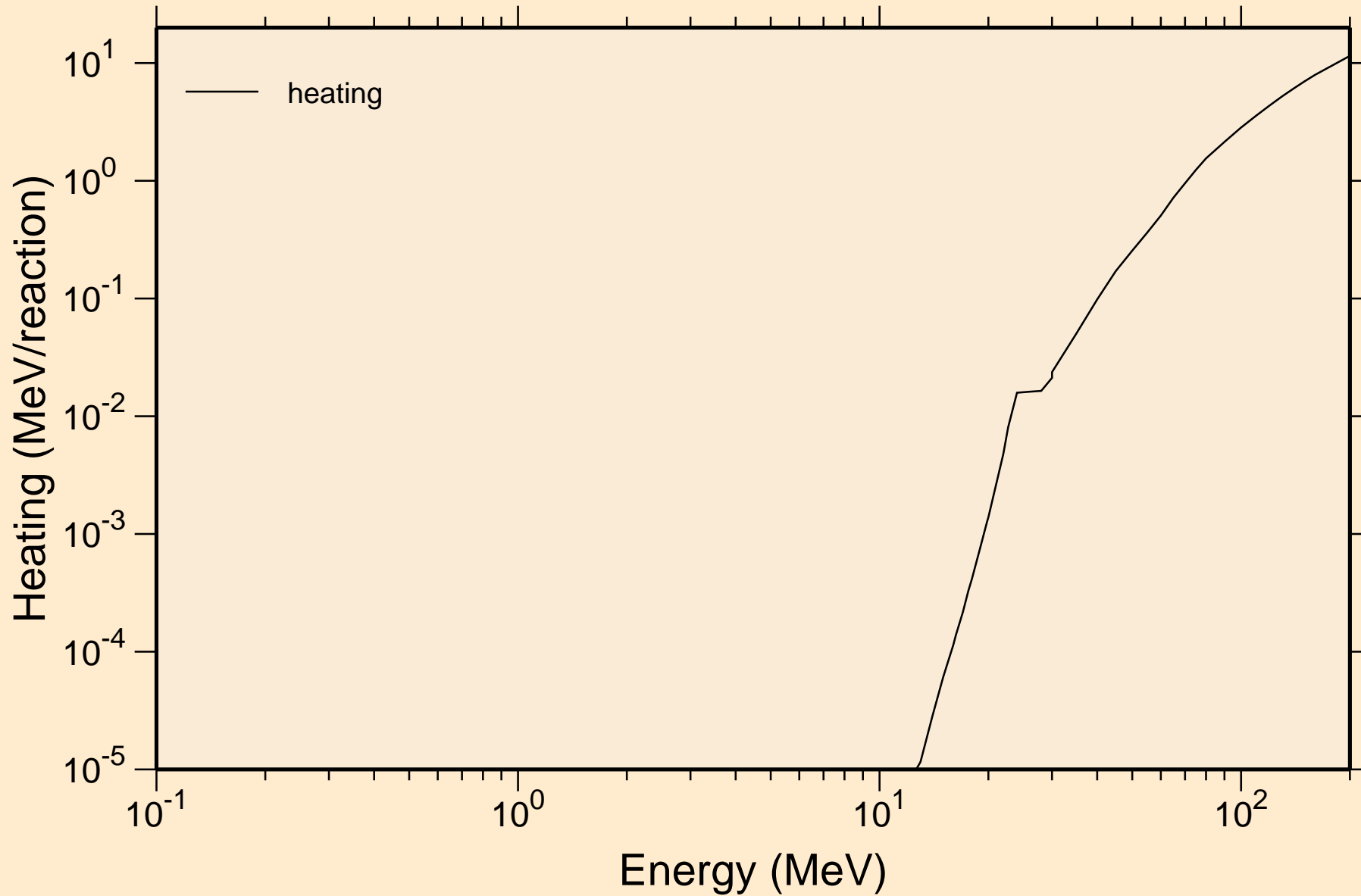


TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



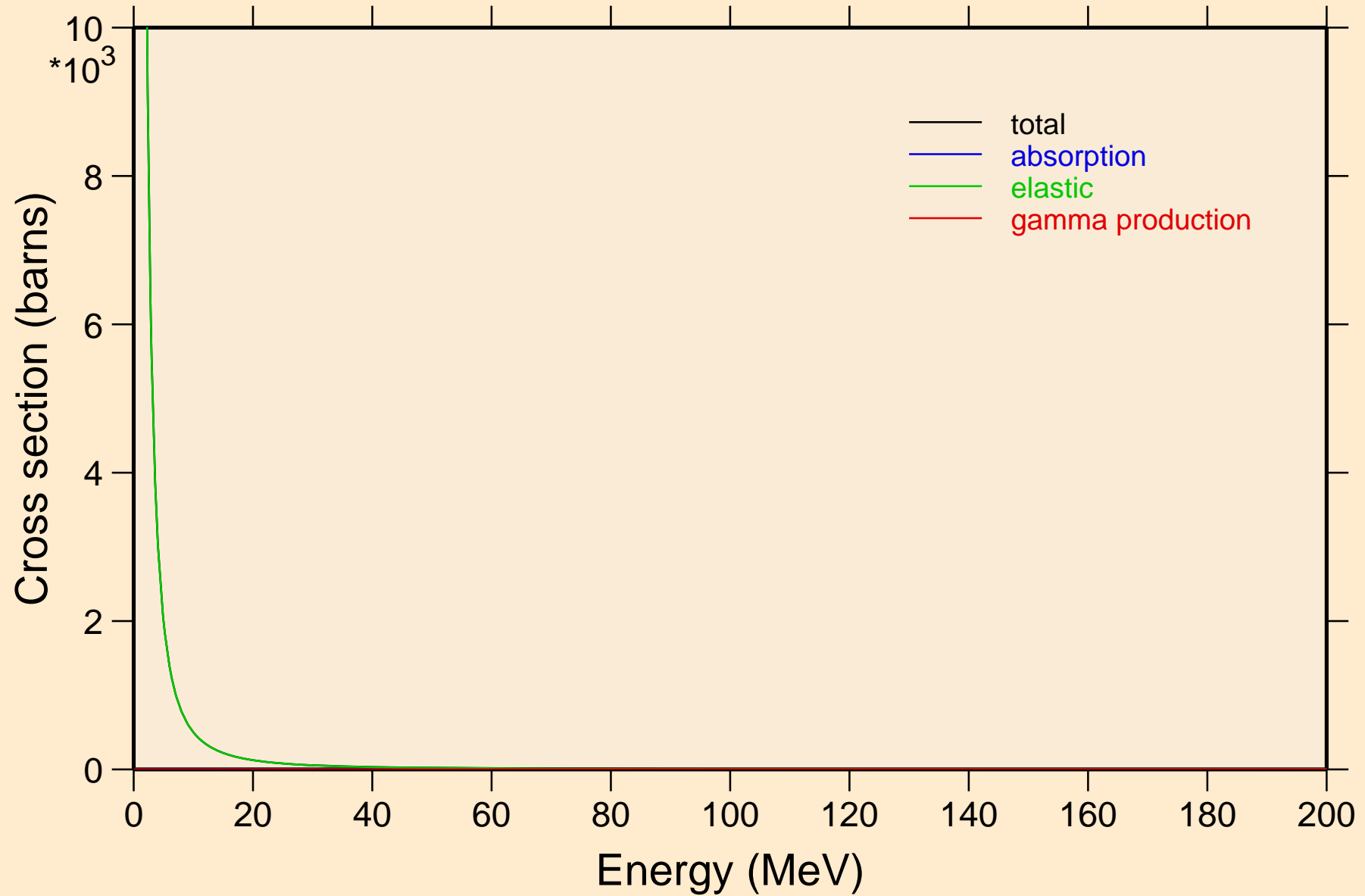
# TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



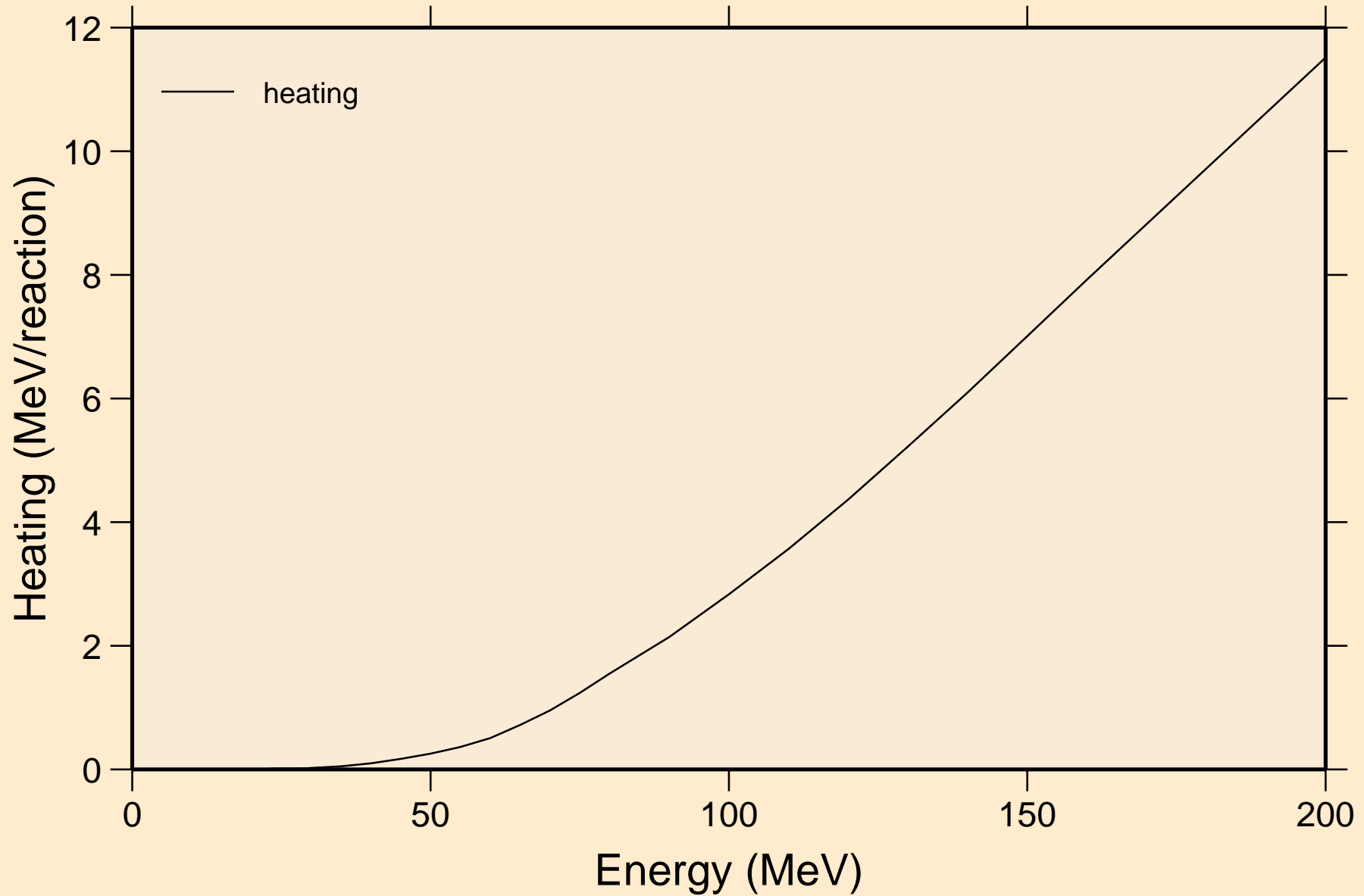
# TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



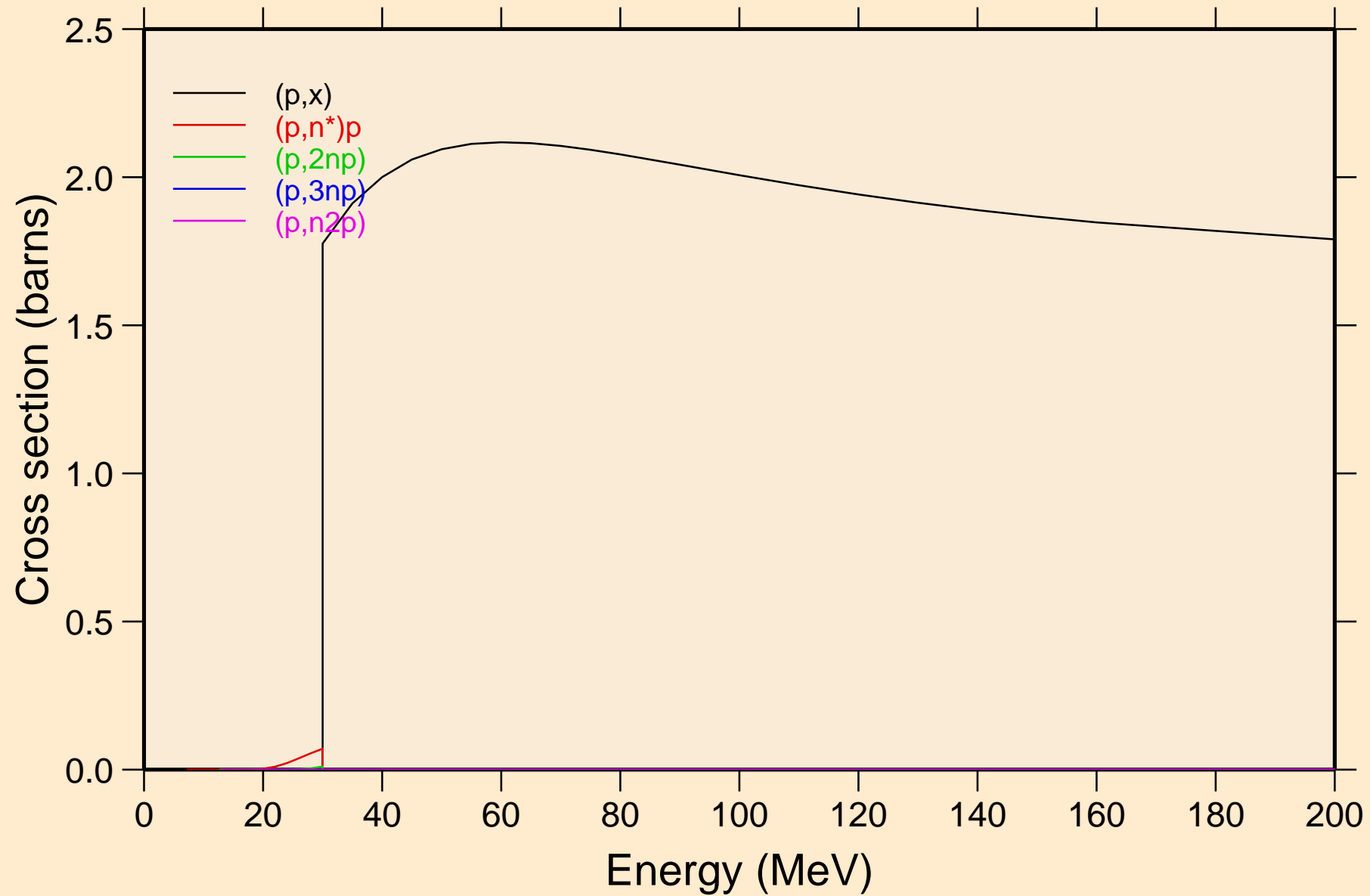
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## Heating

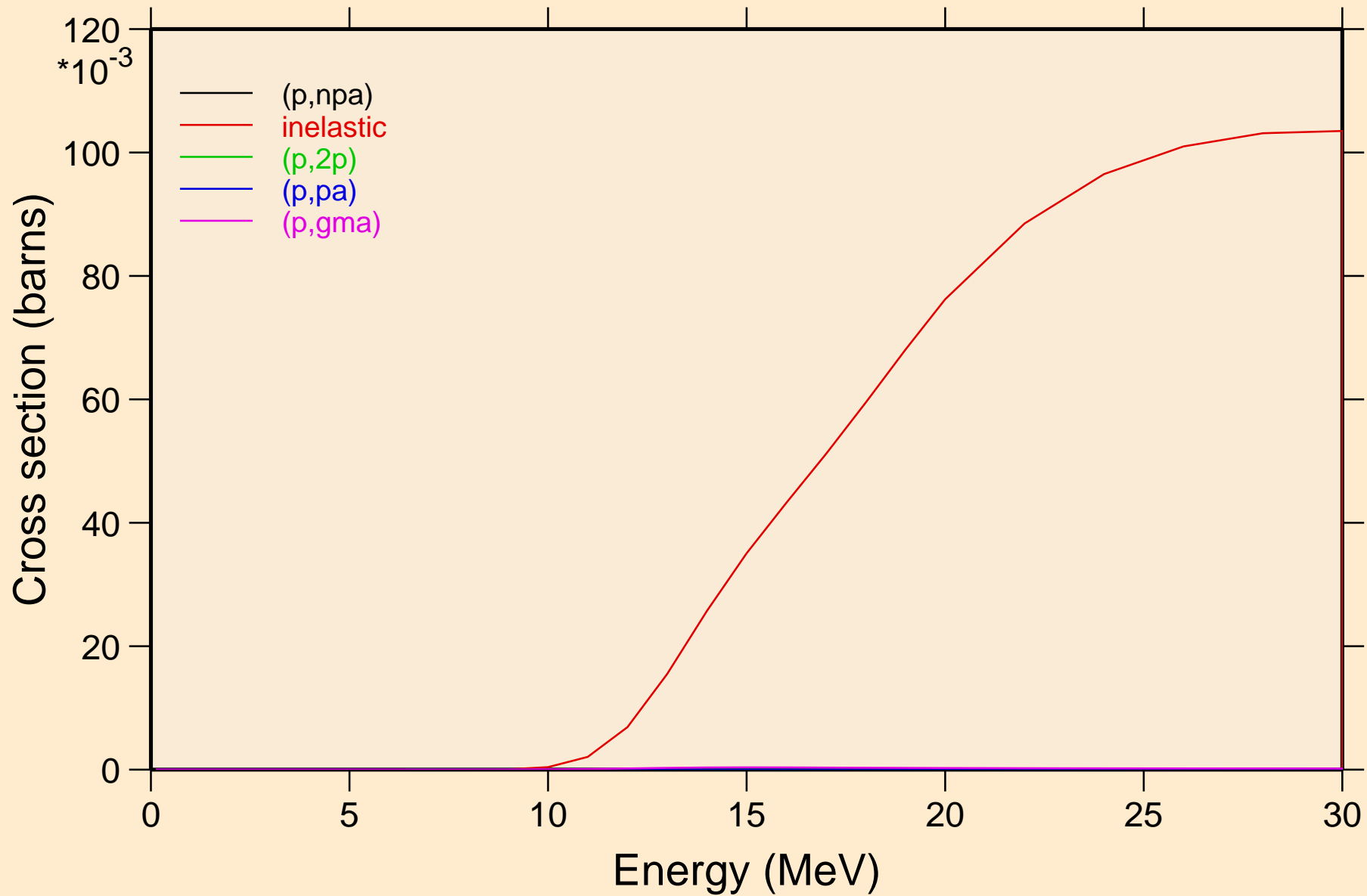


# TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K

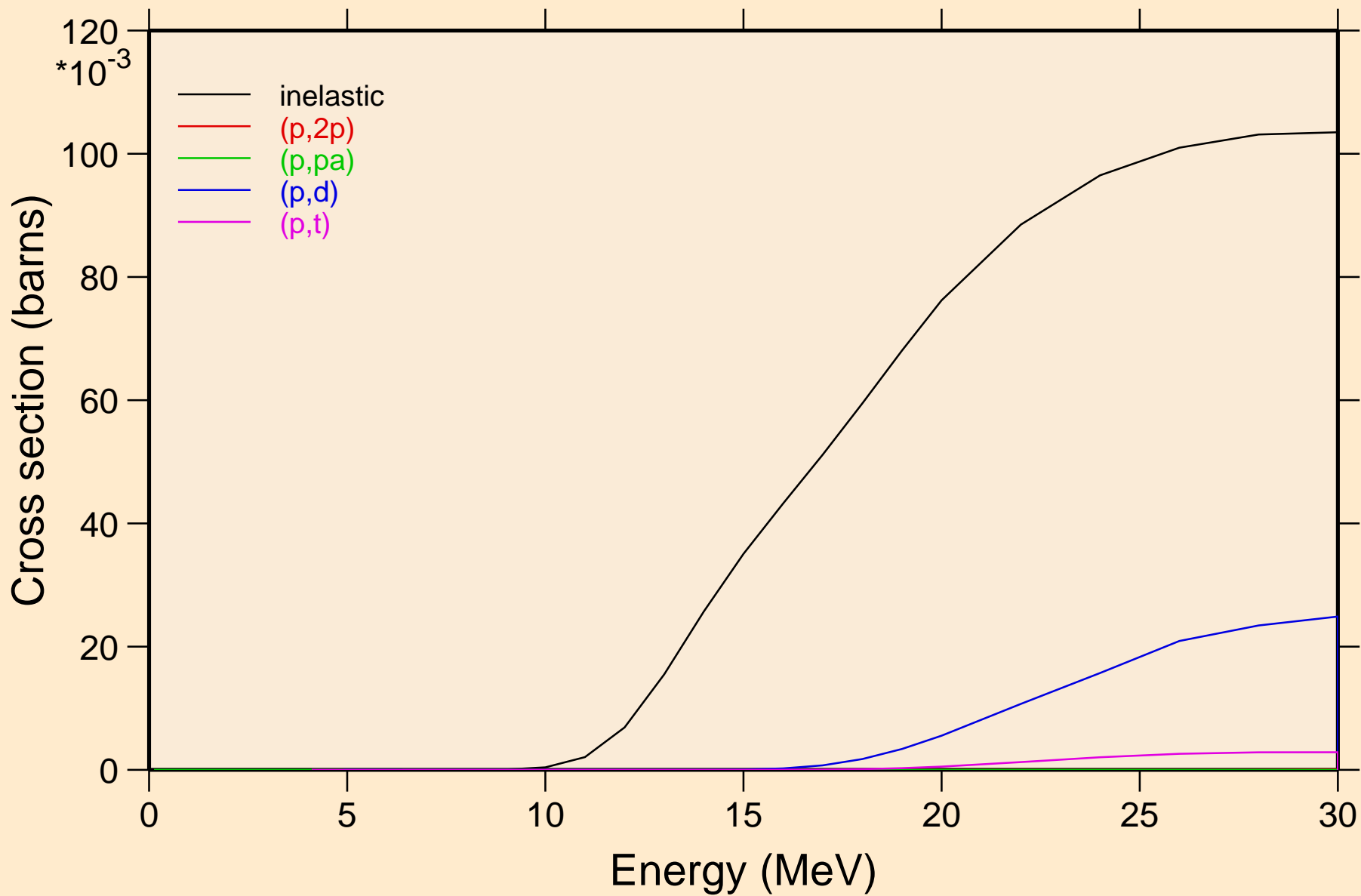
## Threshold reactions



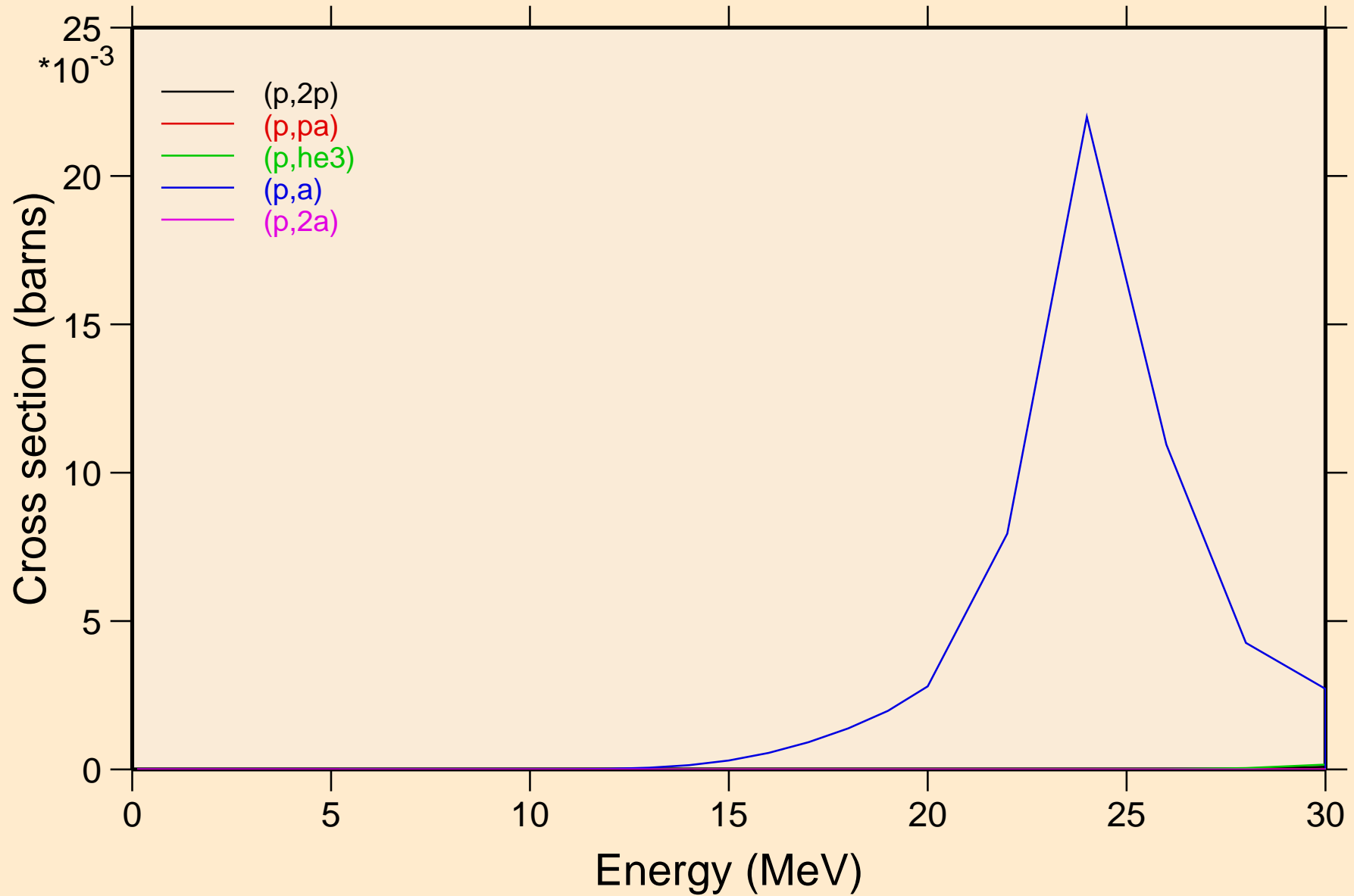
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

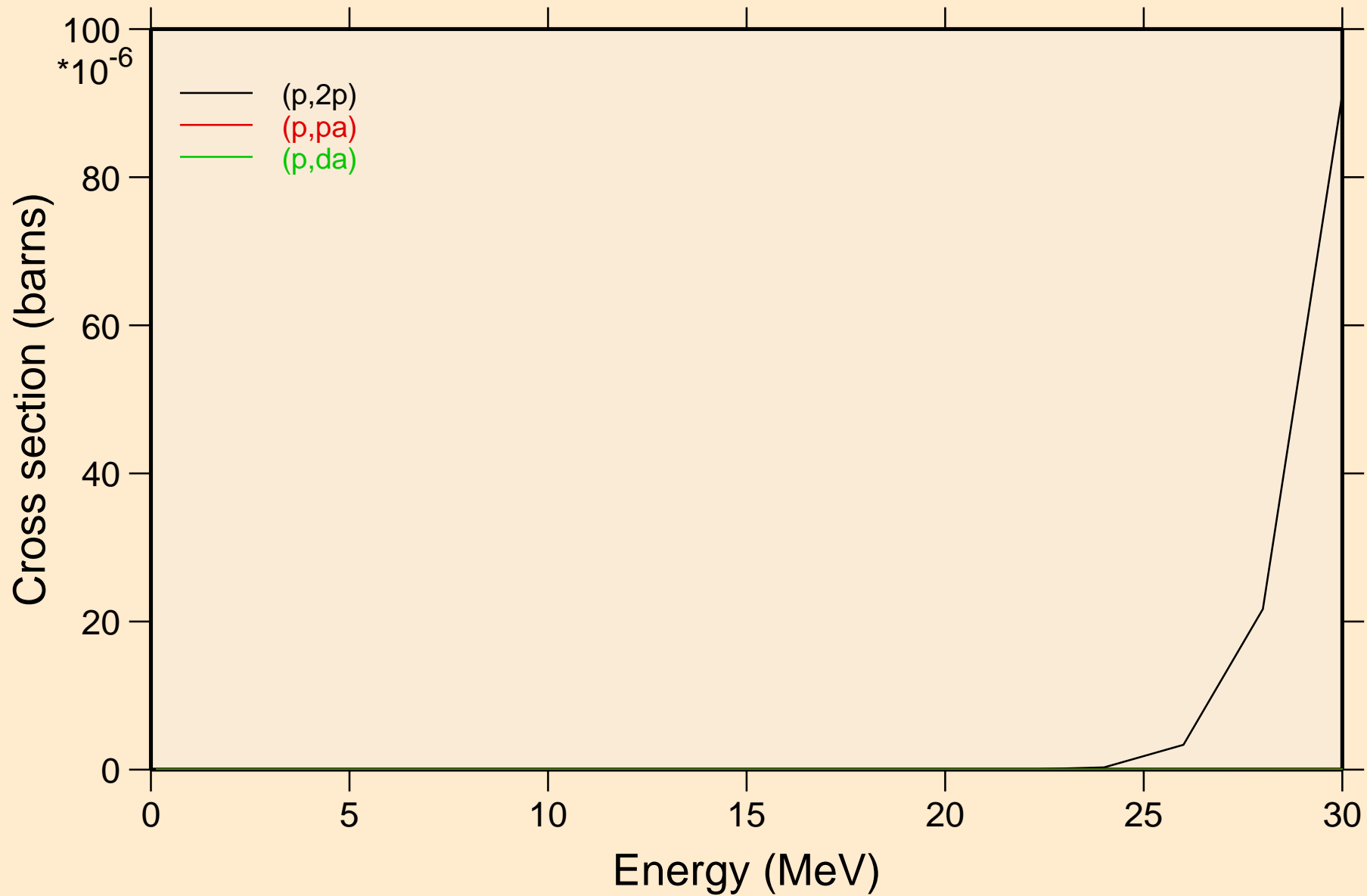


TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

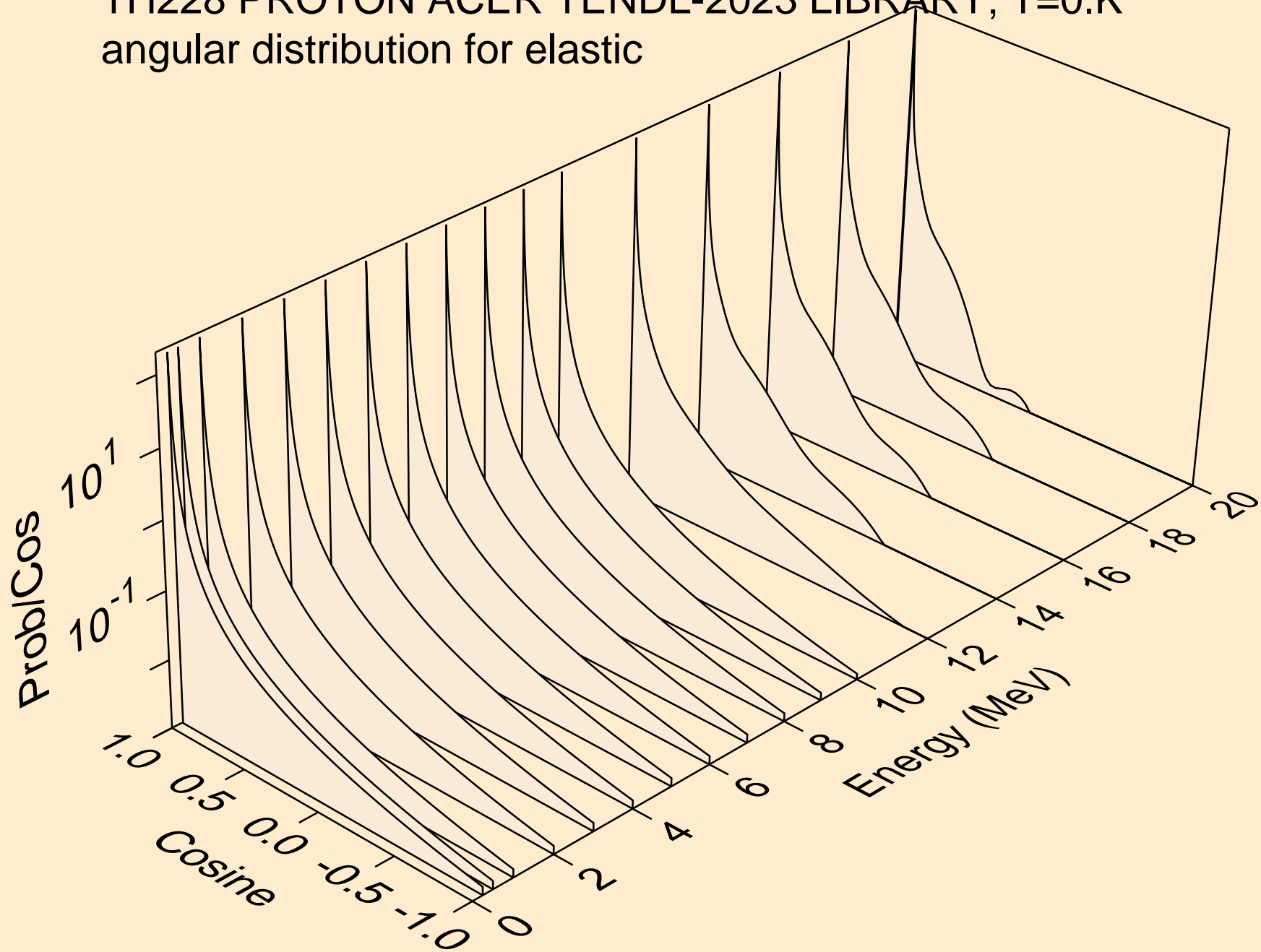




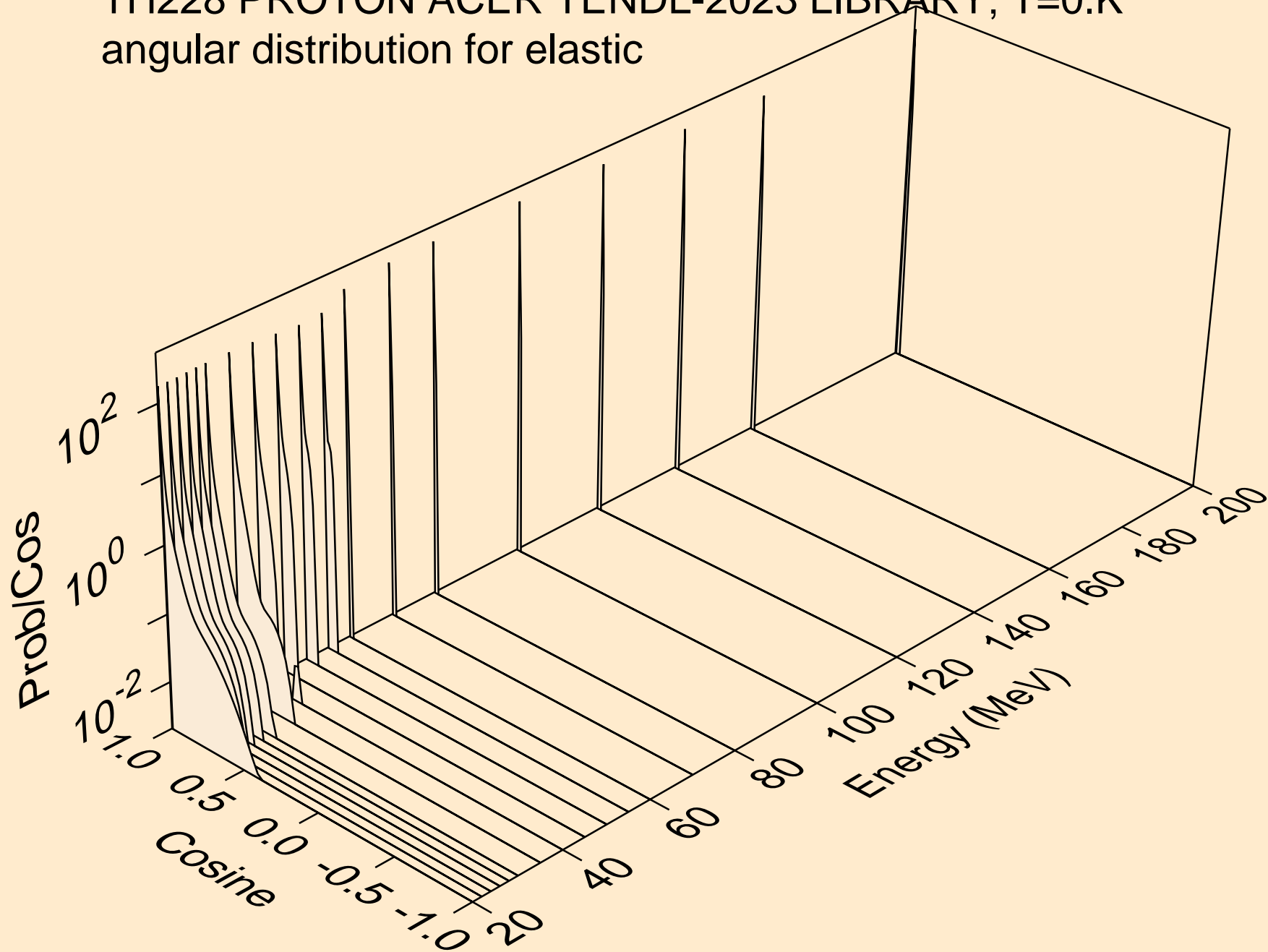
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Threshold reactions



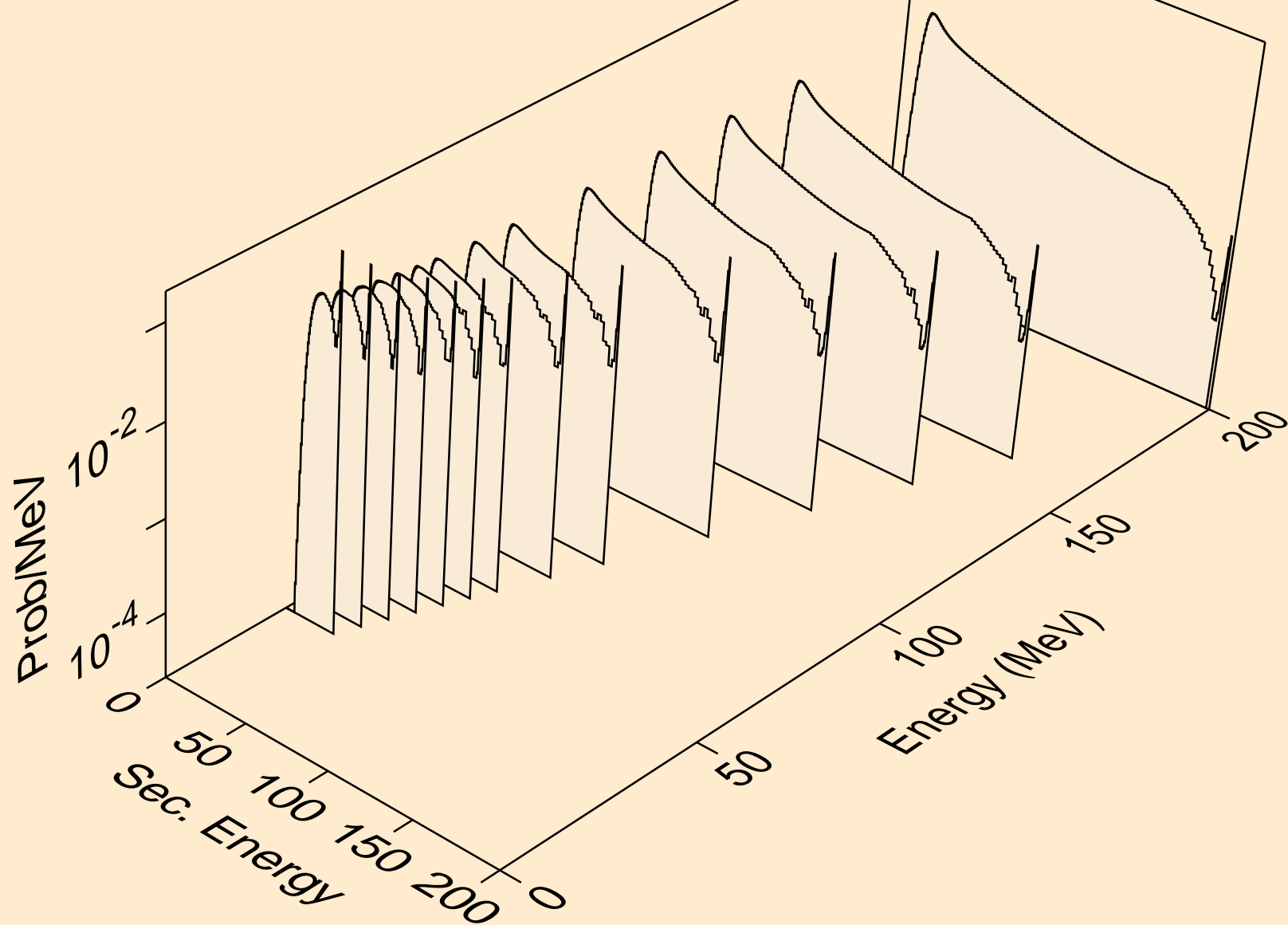
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



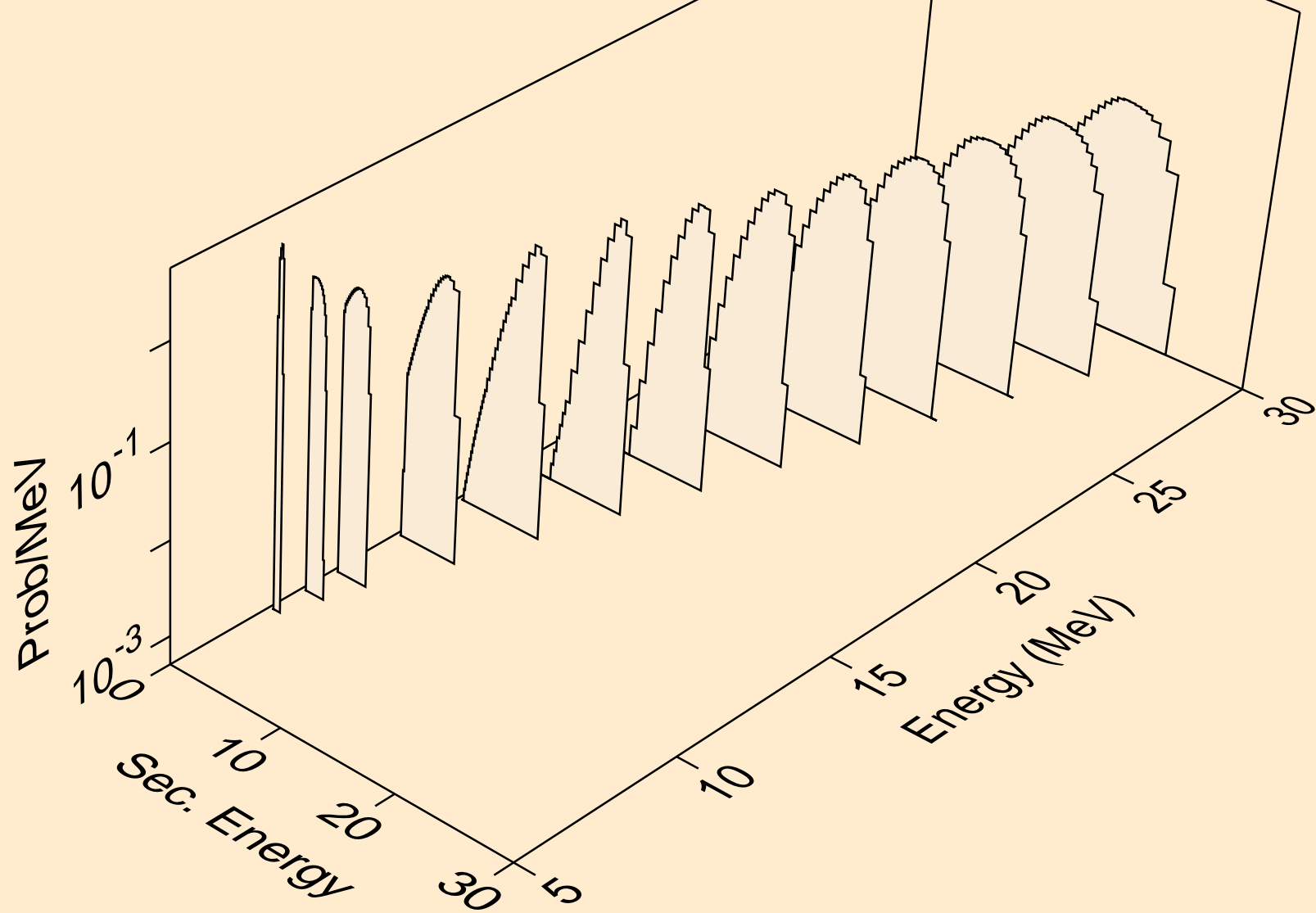
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



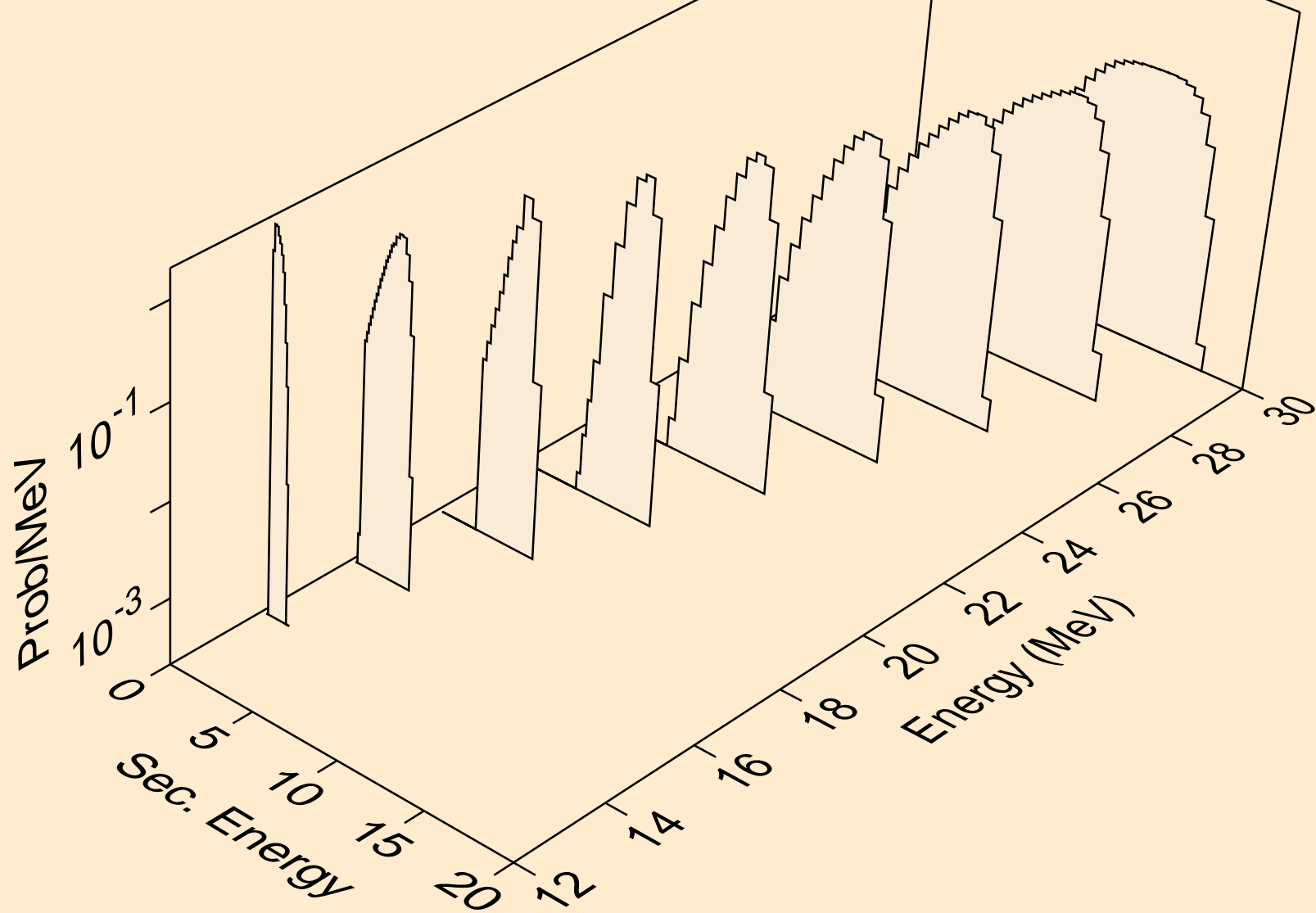
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



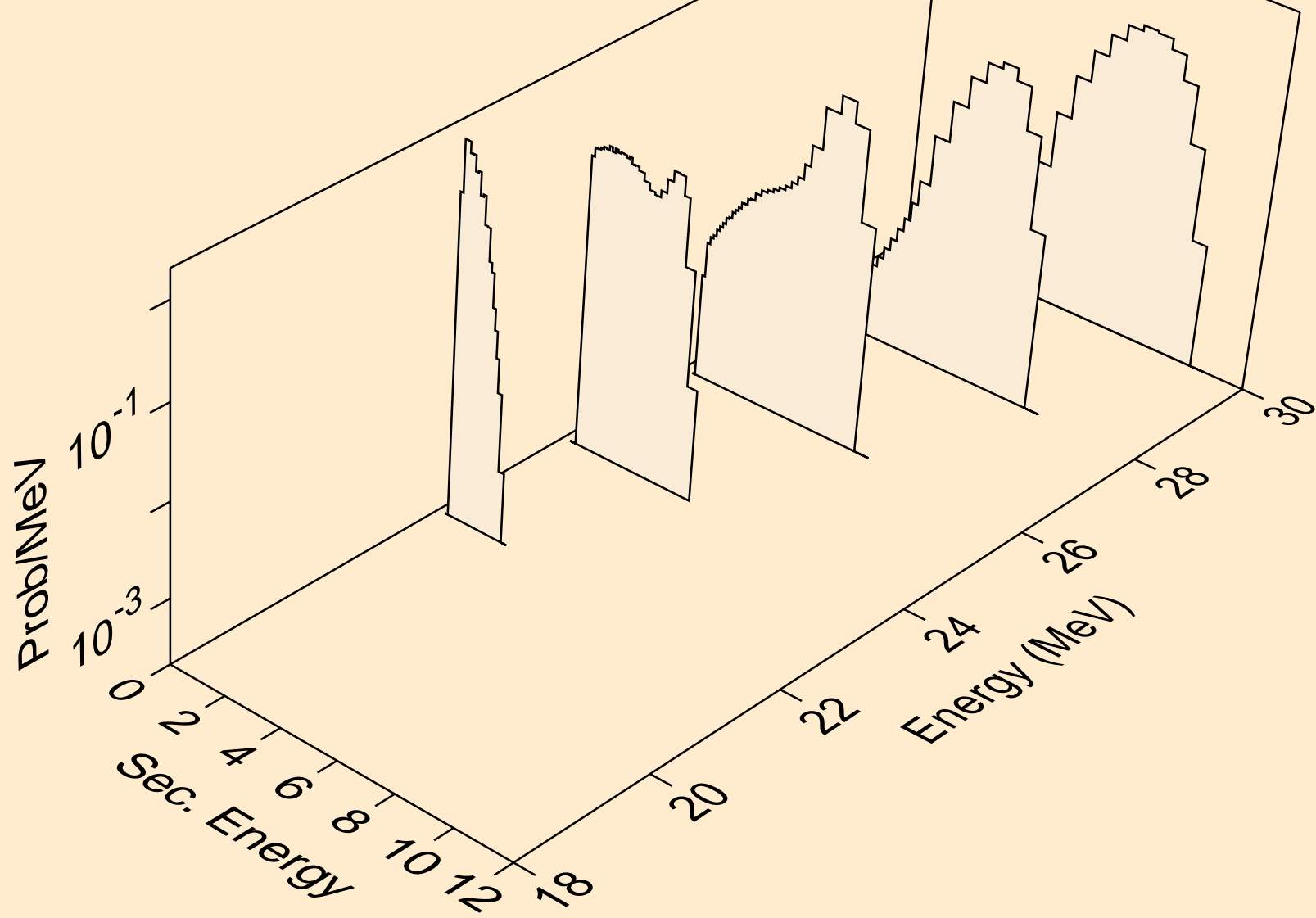
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



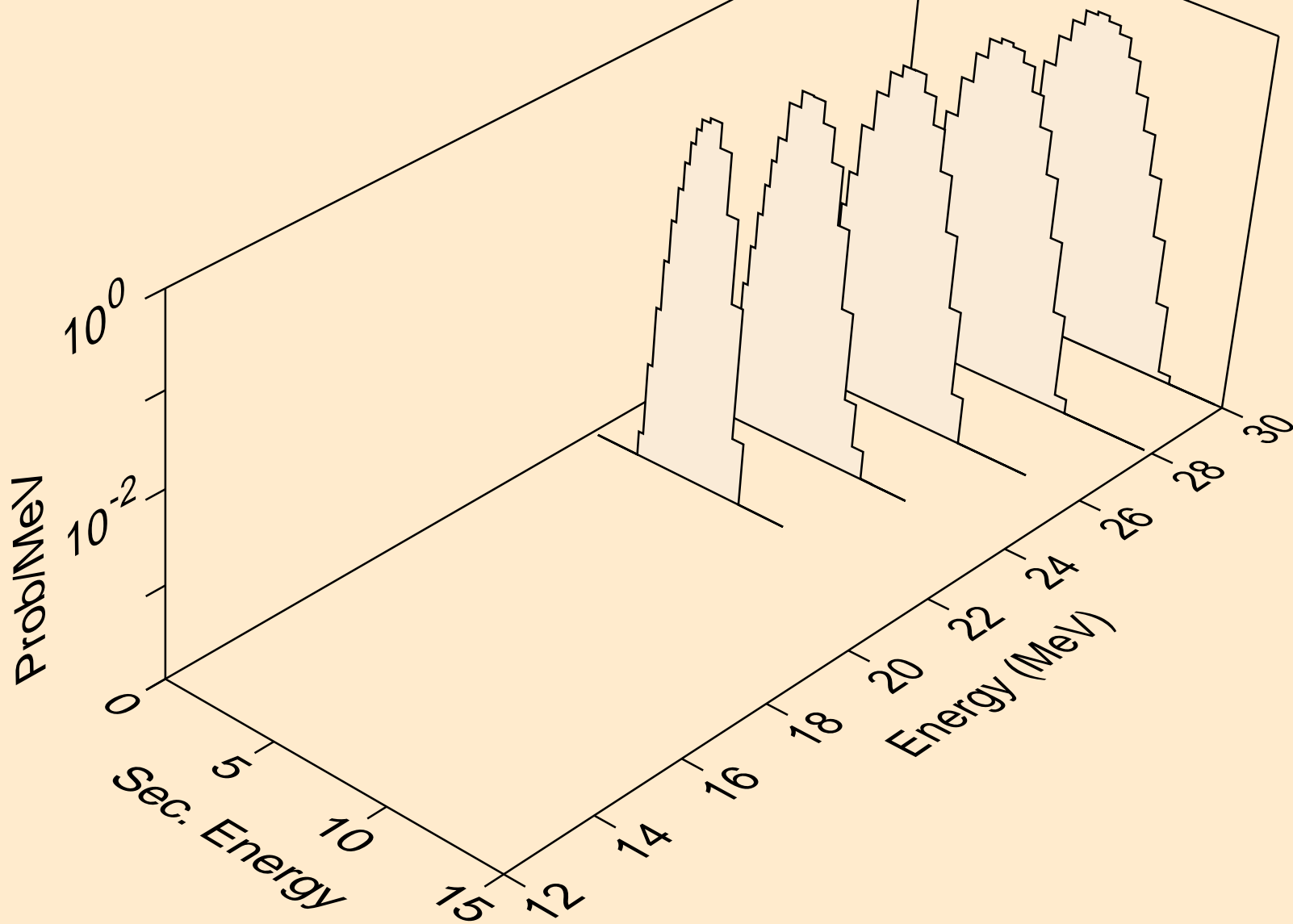
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)

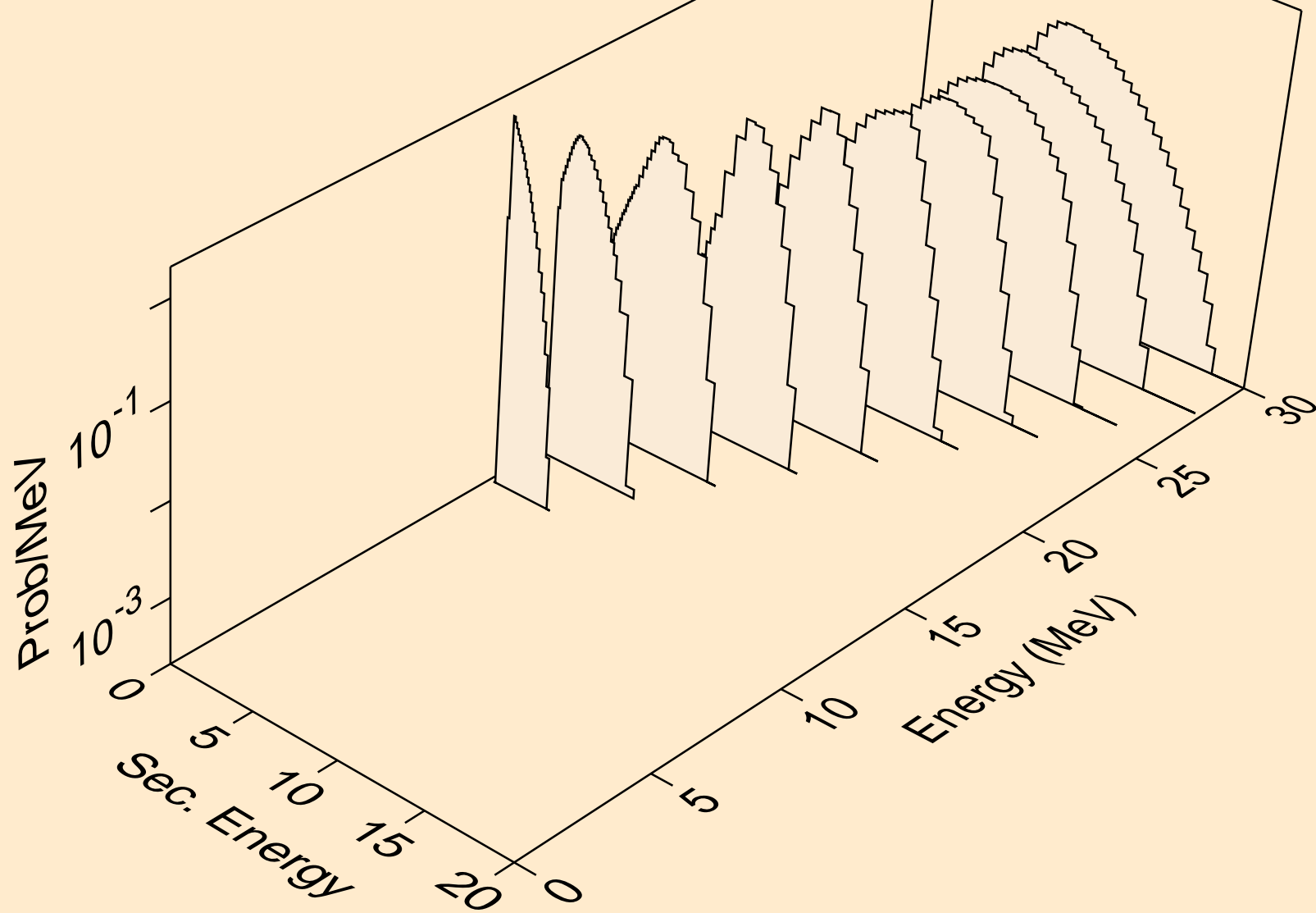


TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

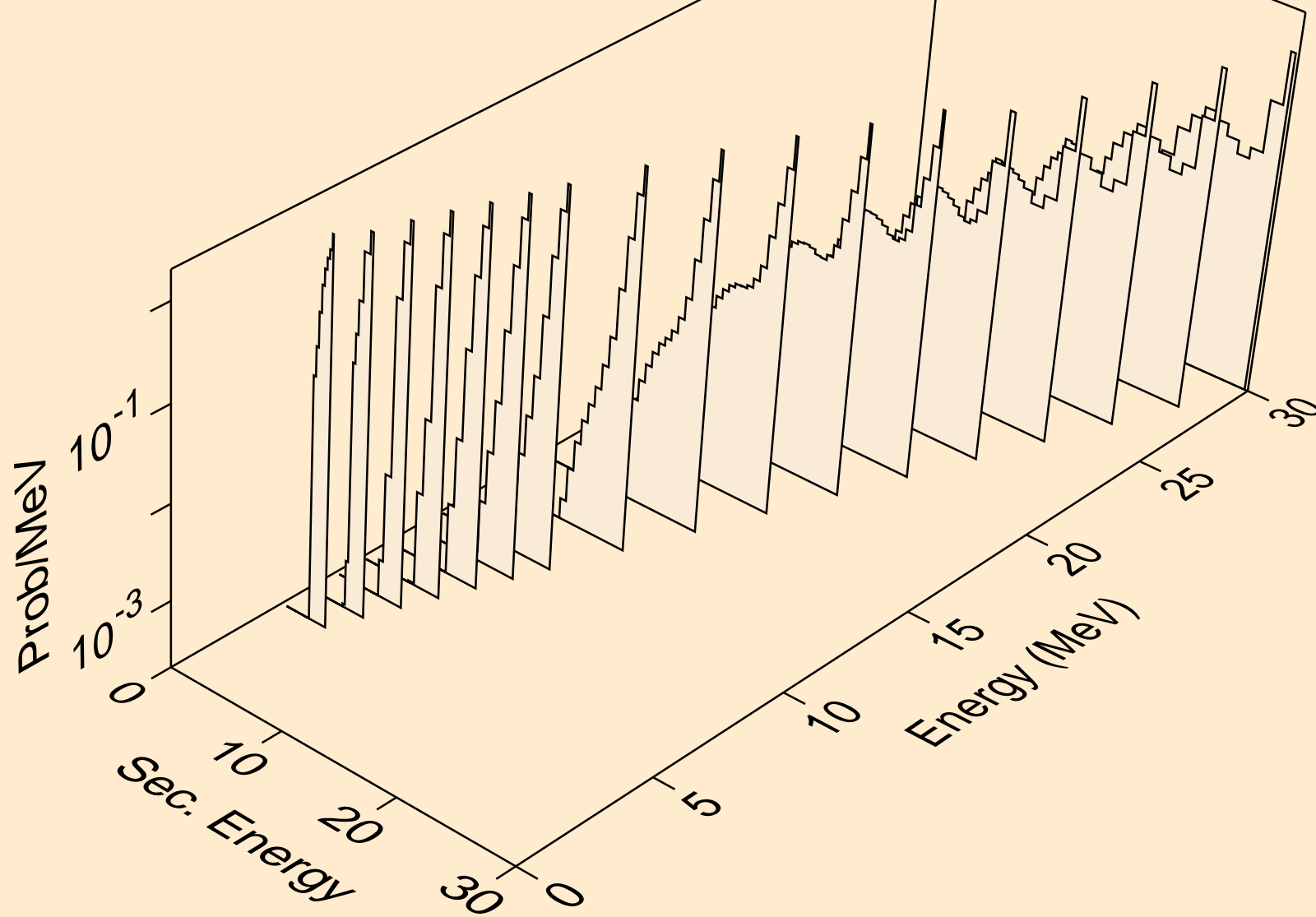




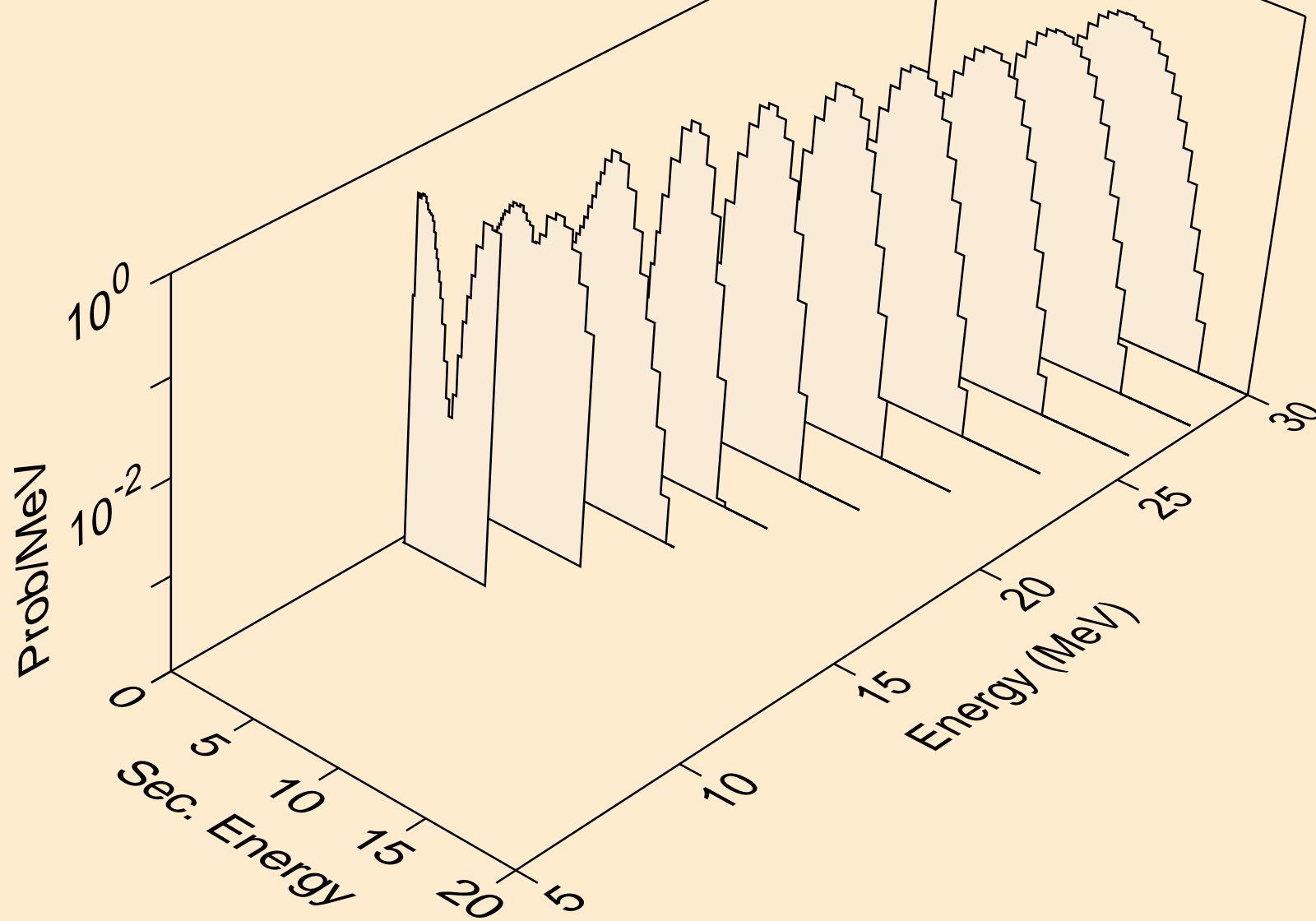
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



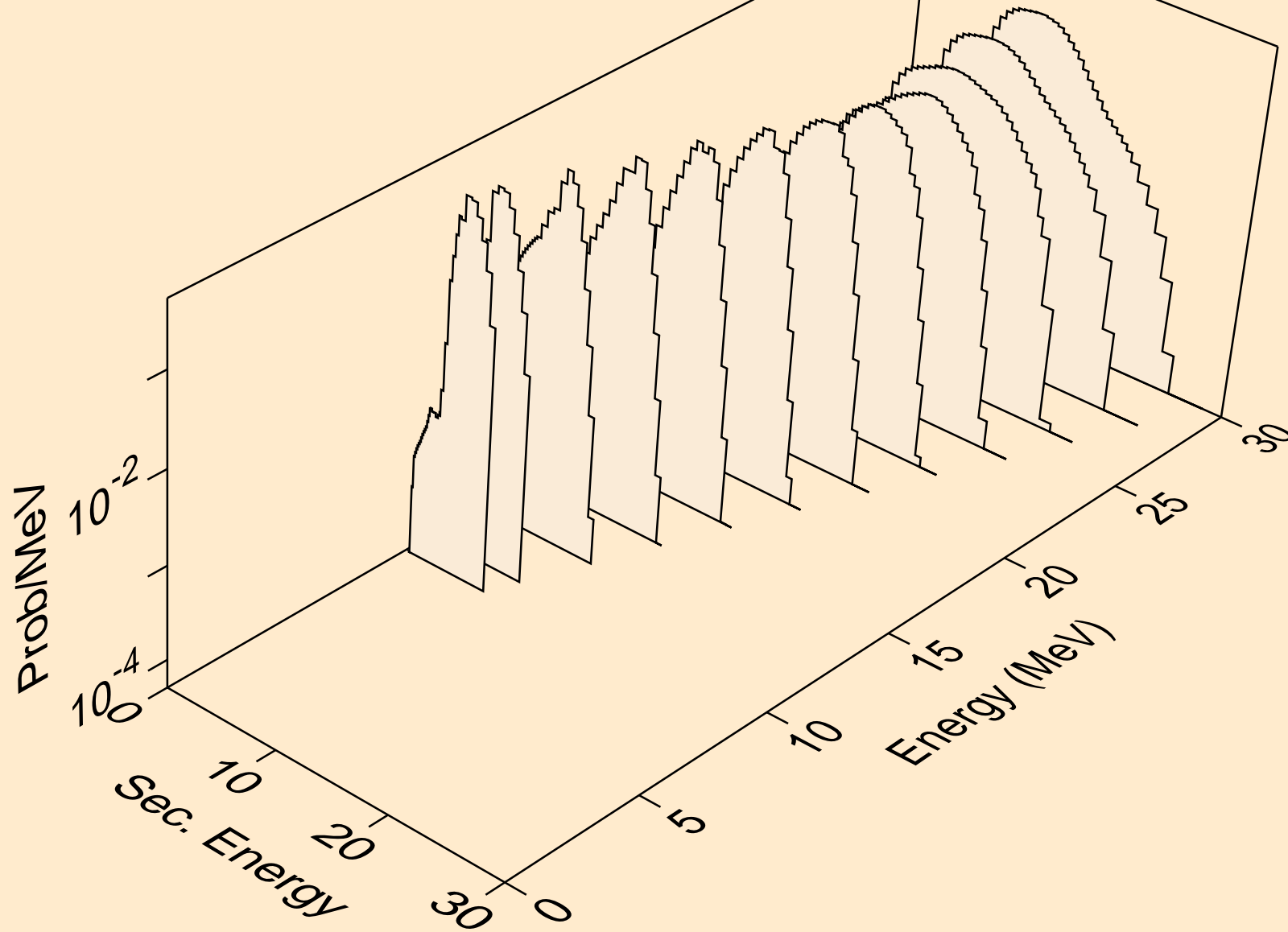
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



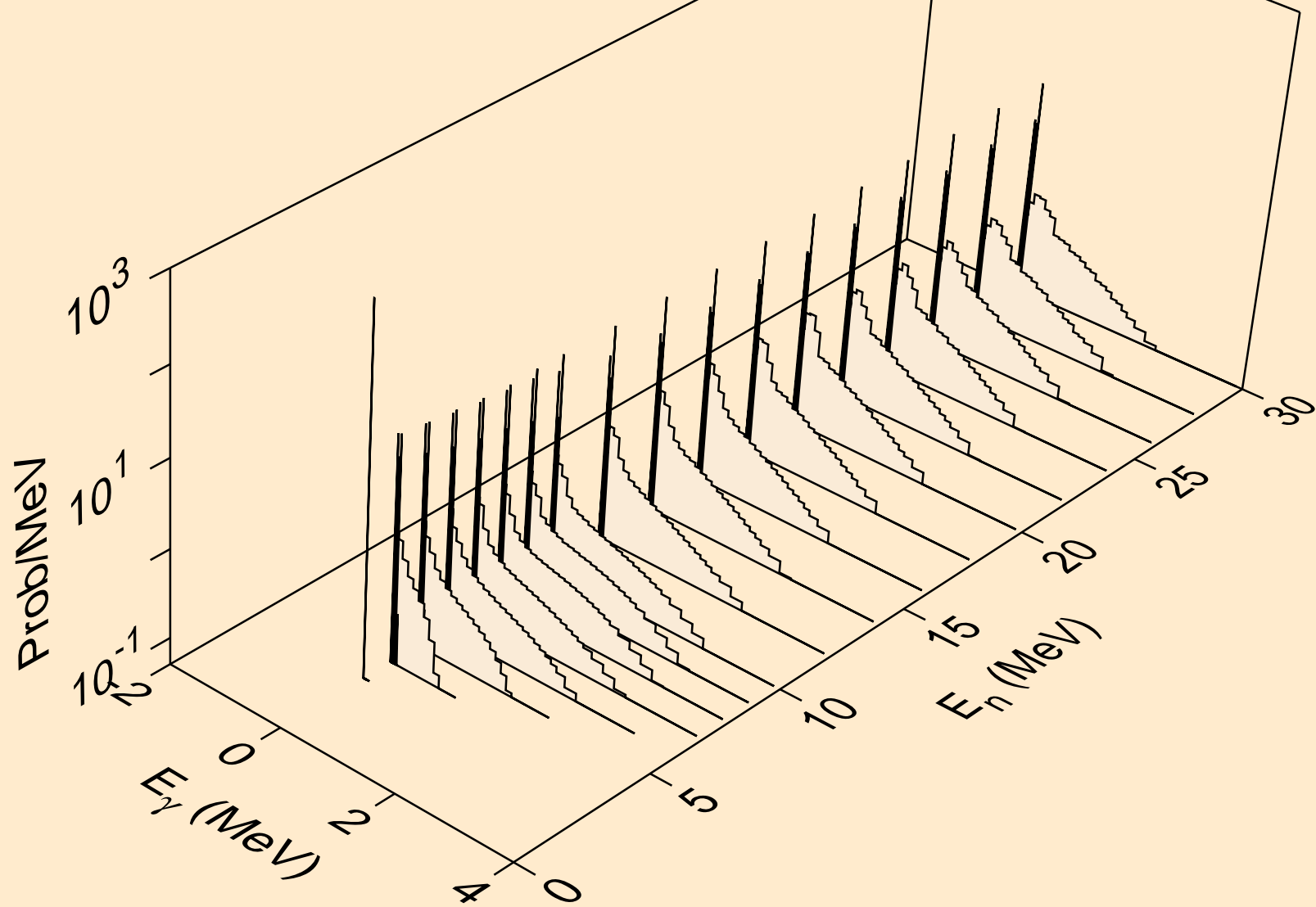
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



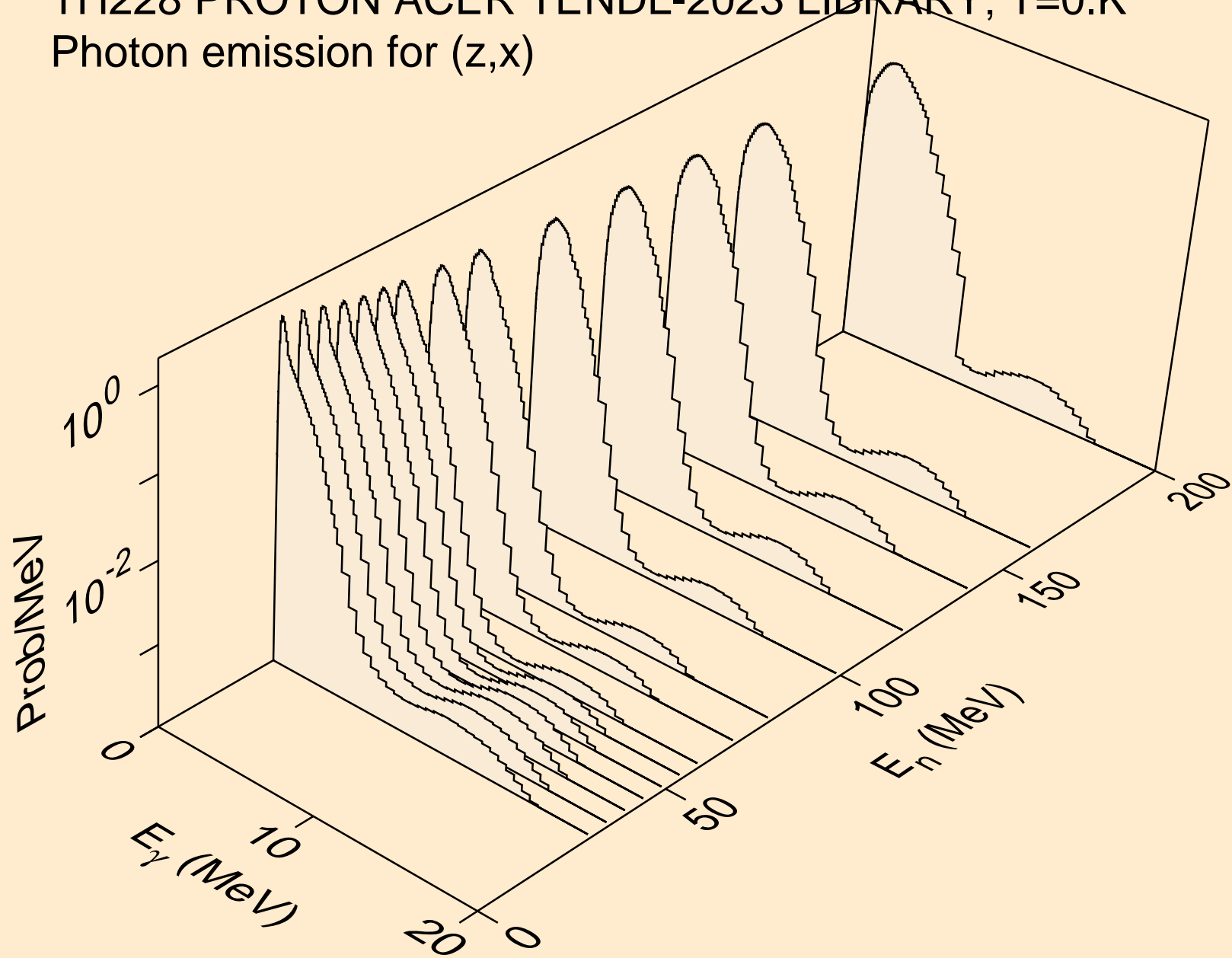
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Proton emission for (p,pa)



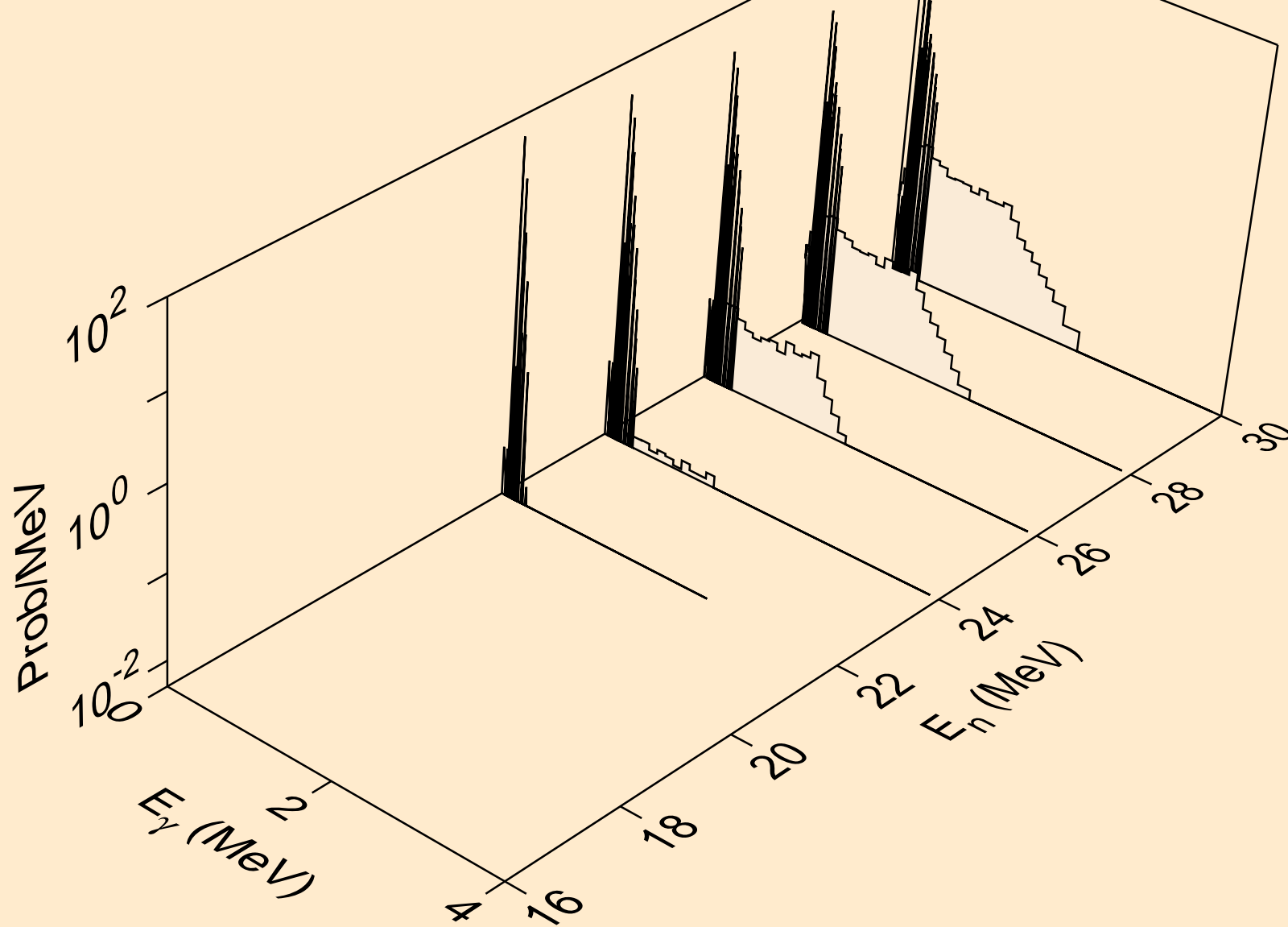
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Photon emission for (z,n)



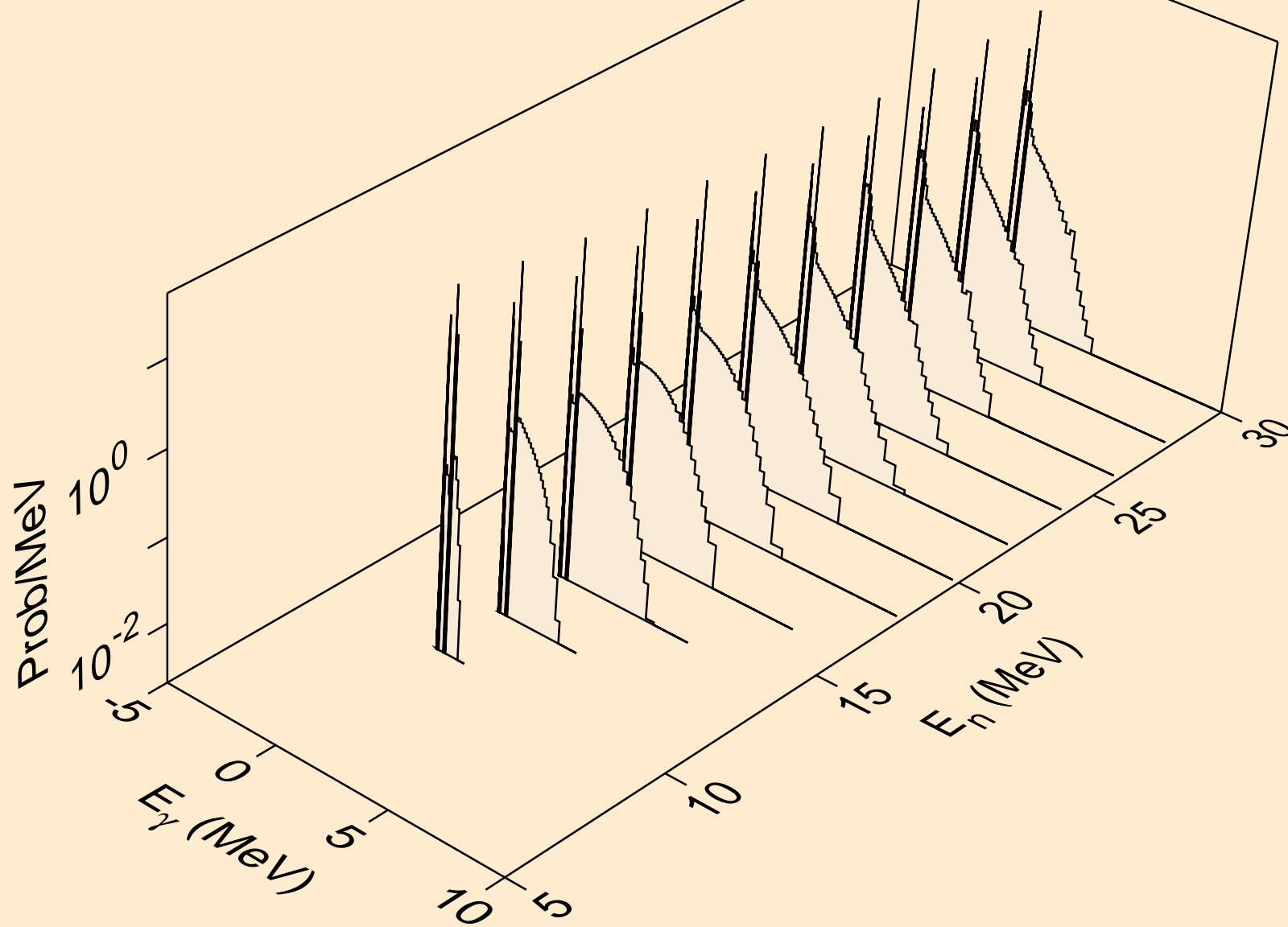
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

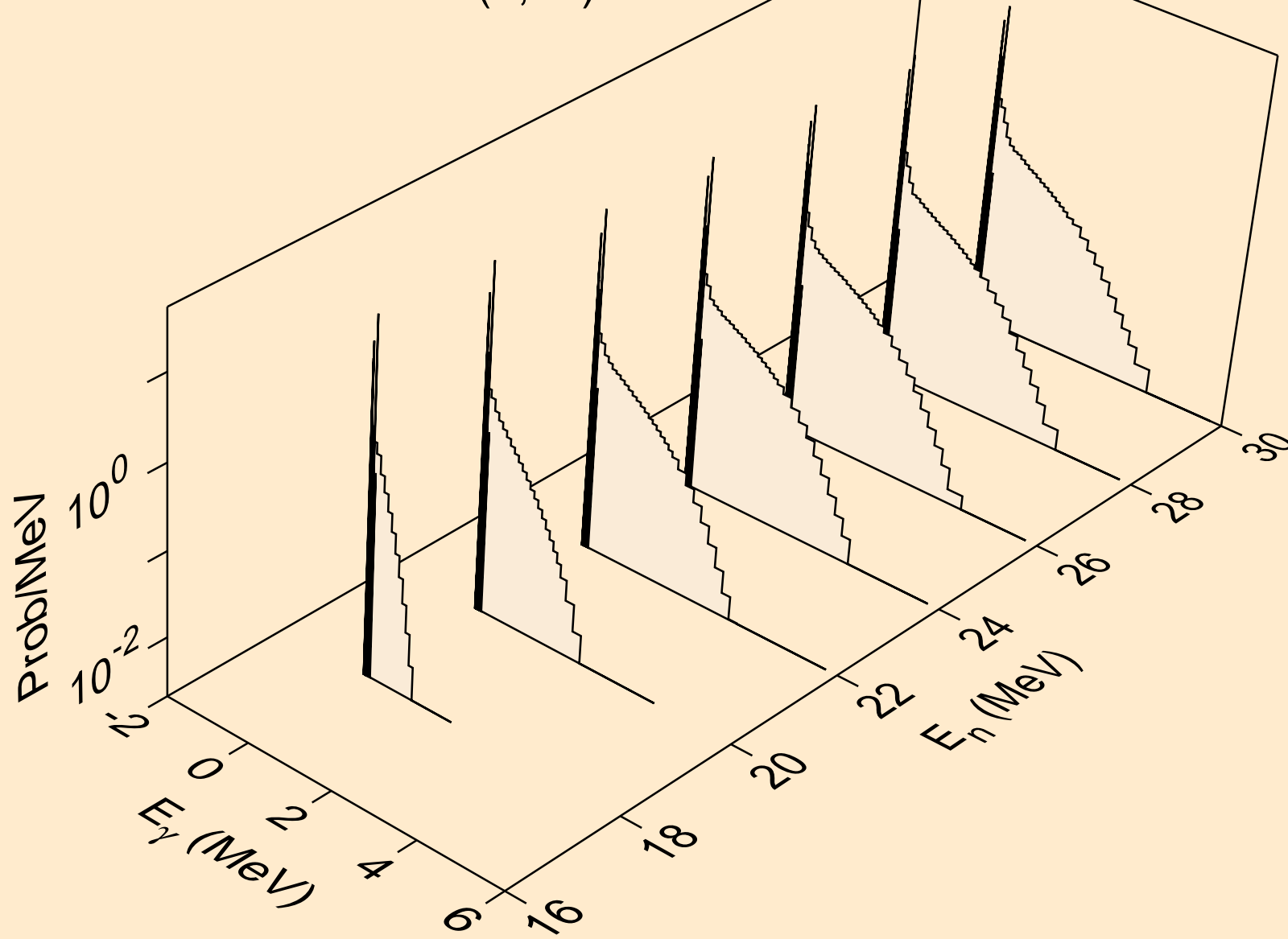


TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

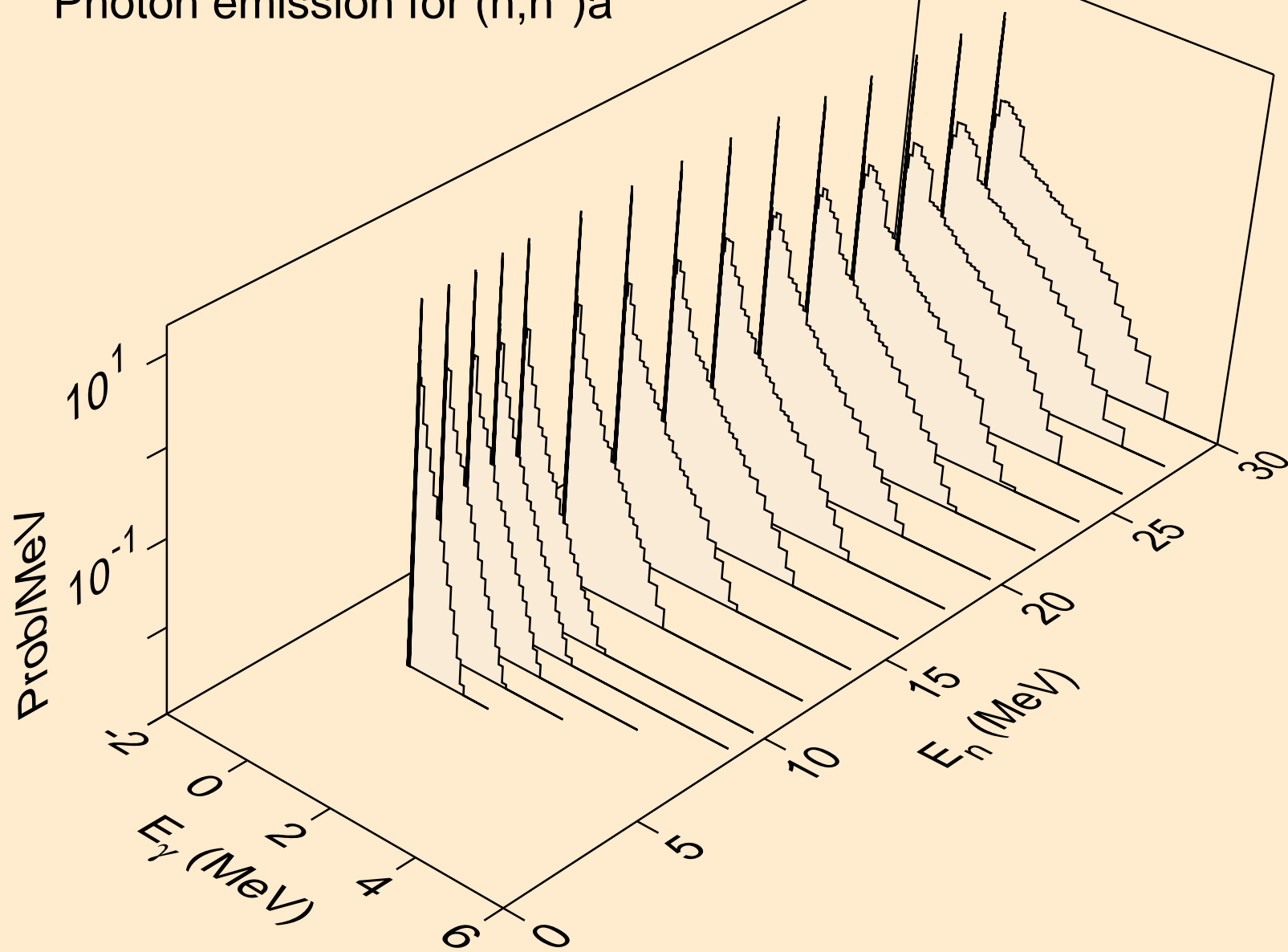




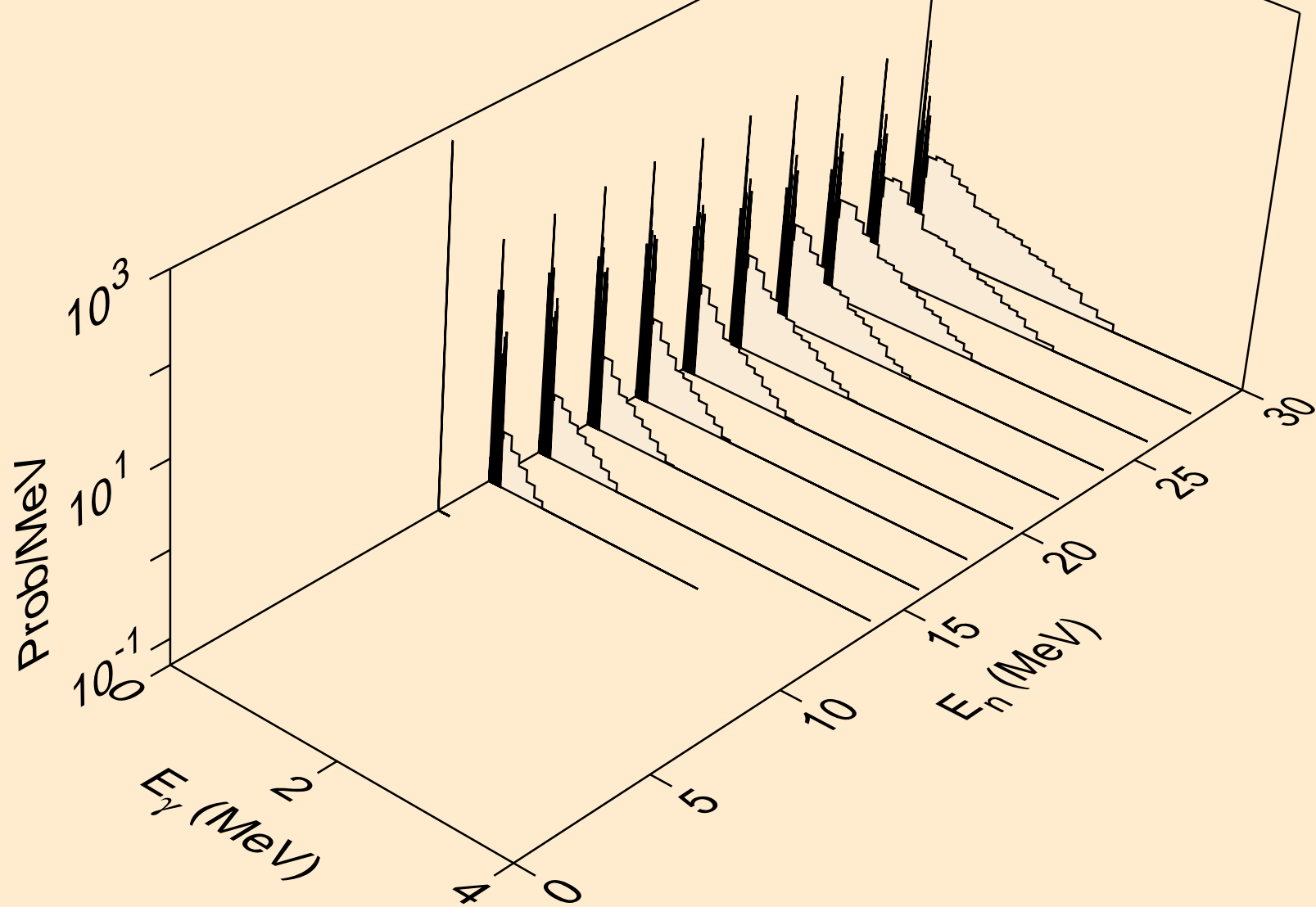
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Photon emission for (n,3n)



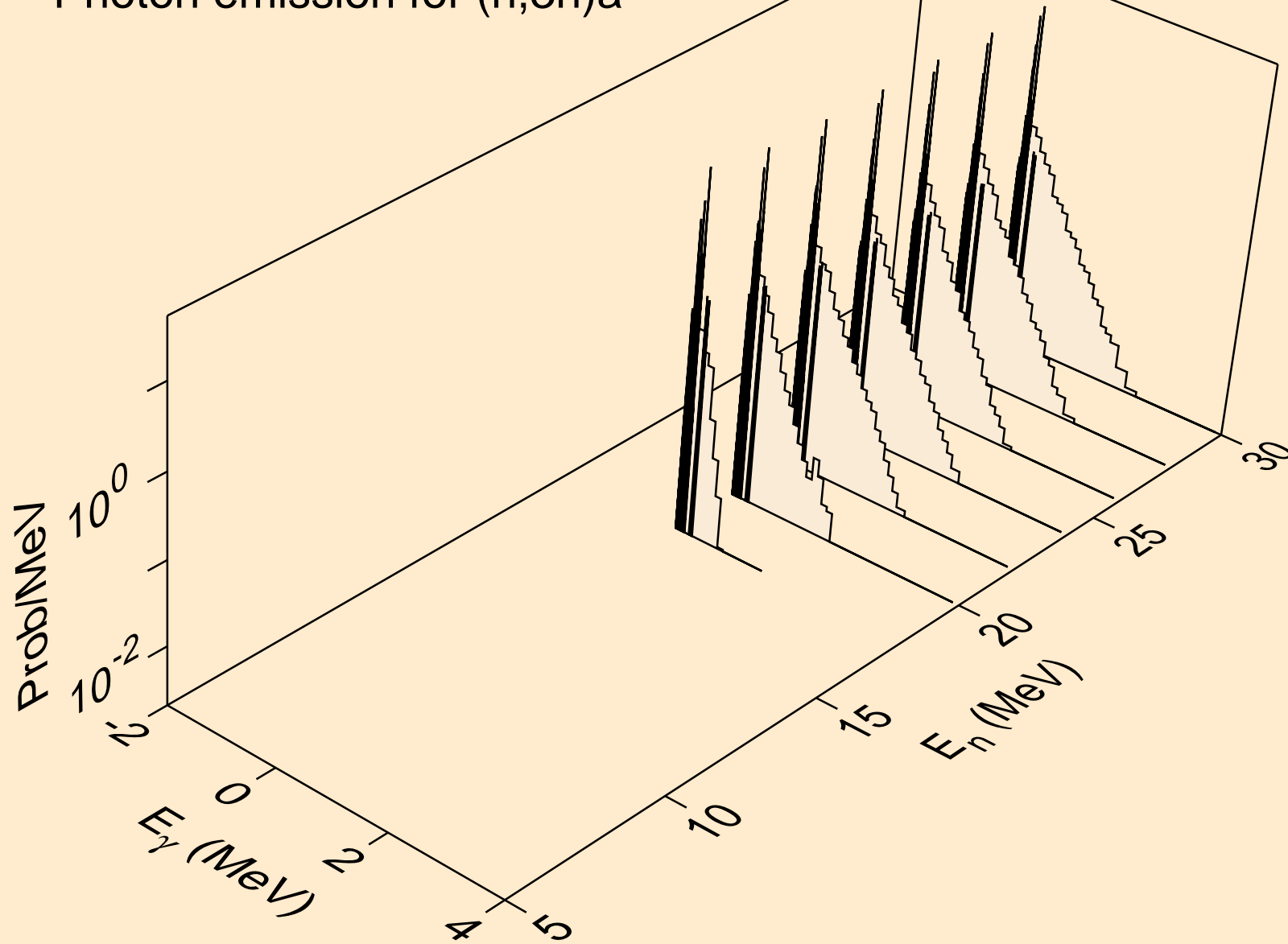
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



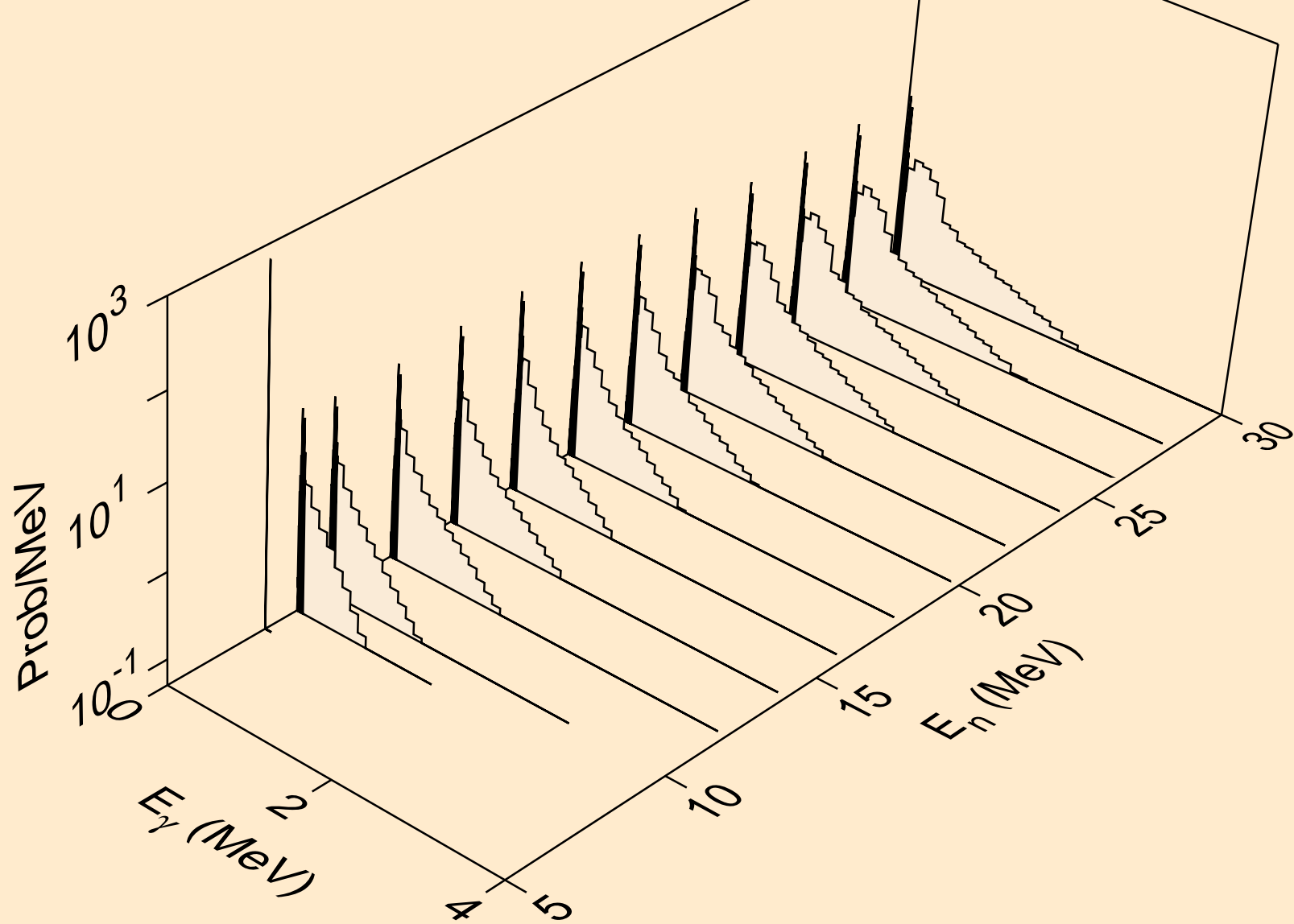
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Photon emission for (n,2n) $\alpha$



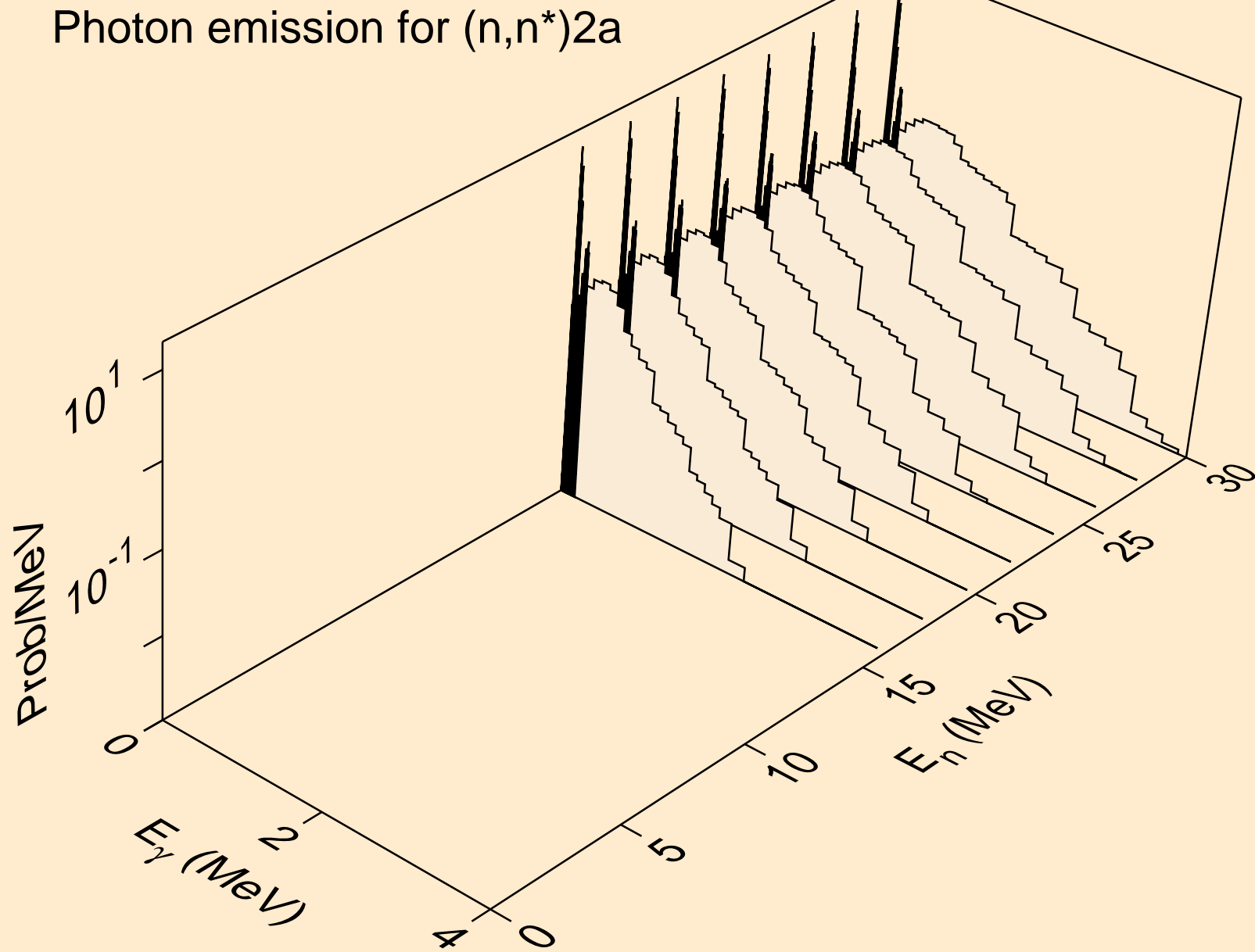
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Photon emission for (n,3n)a



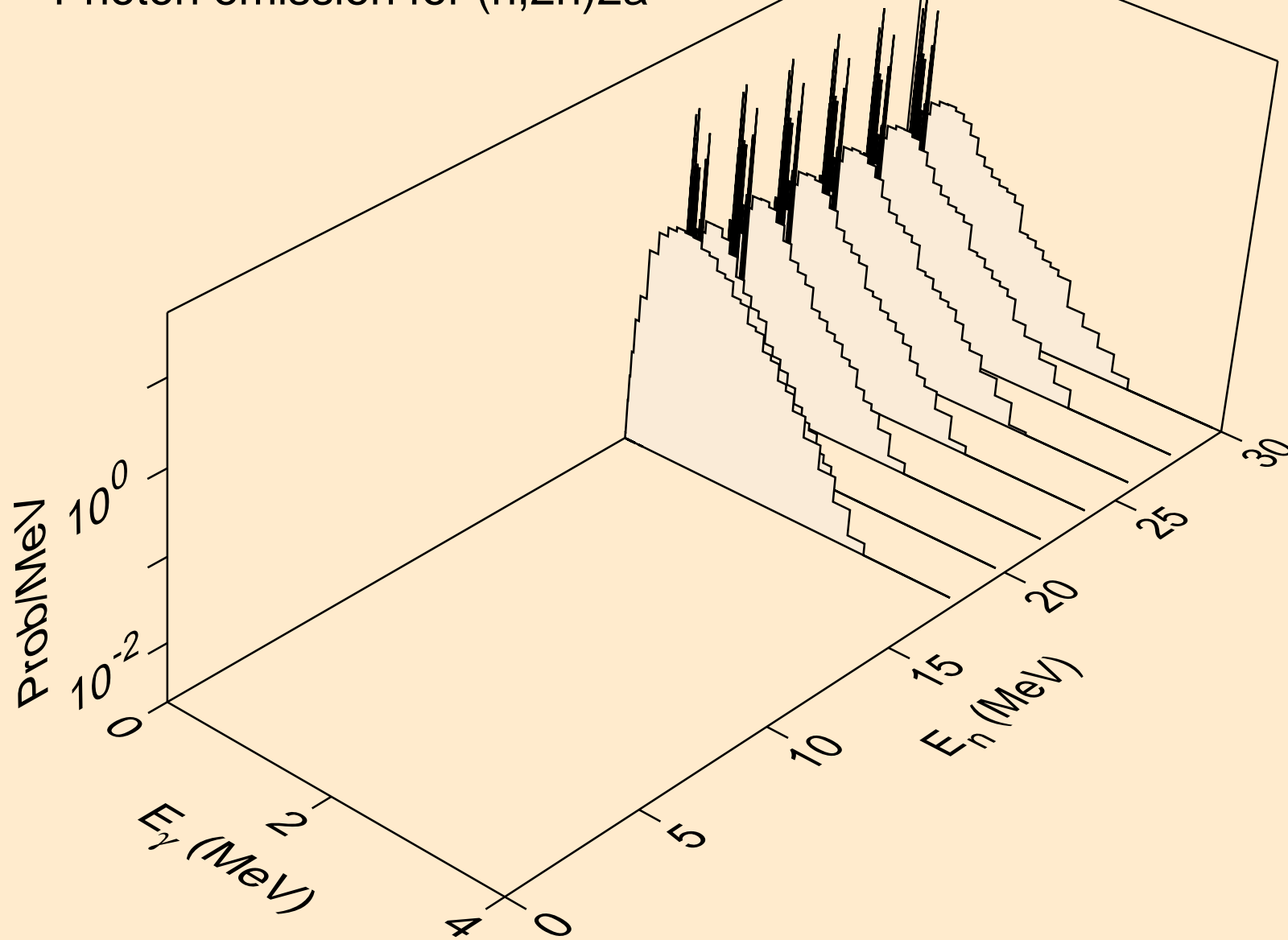
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Photon emission for (n,n\*)p



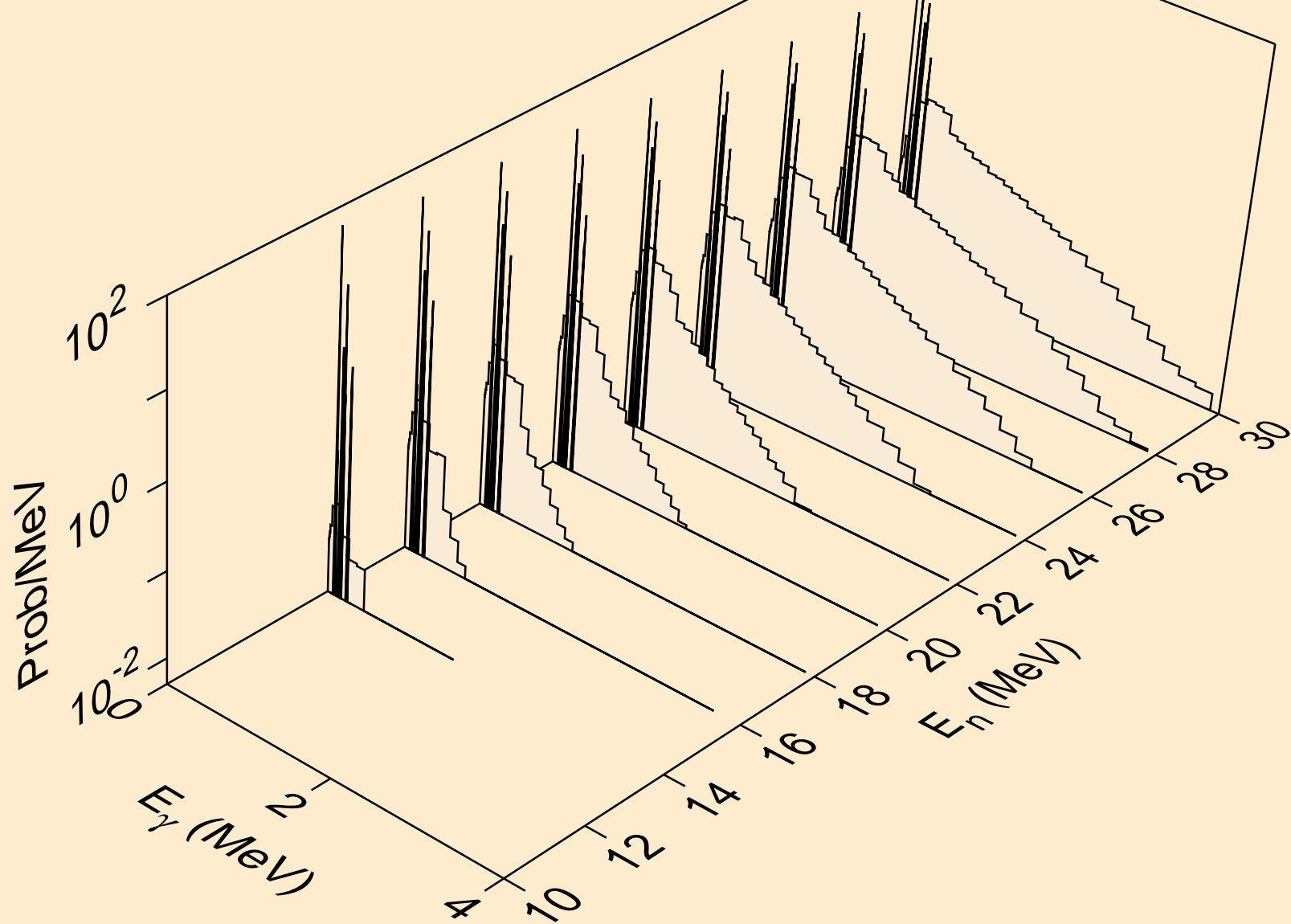
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

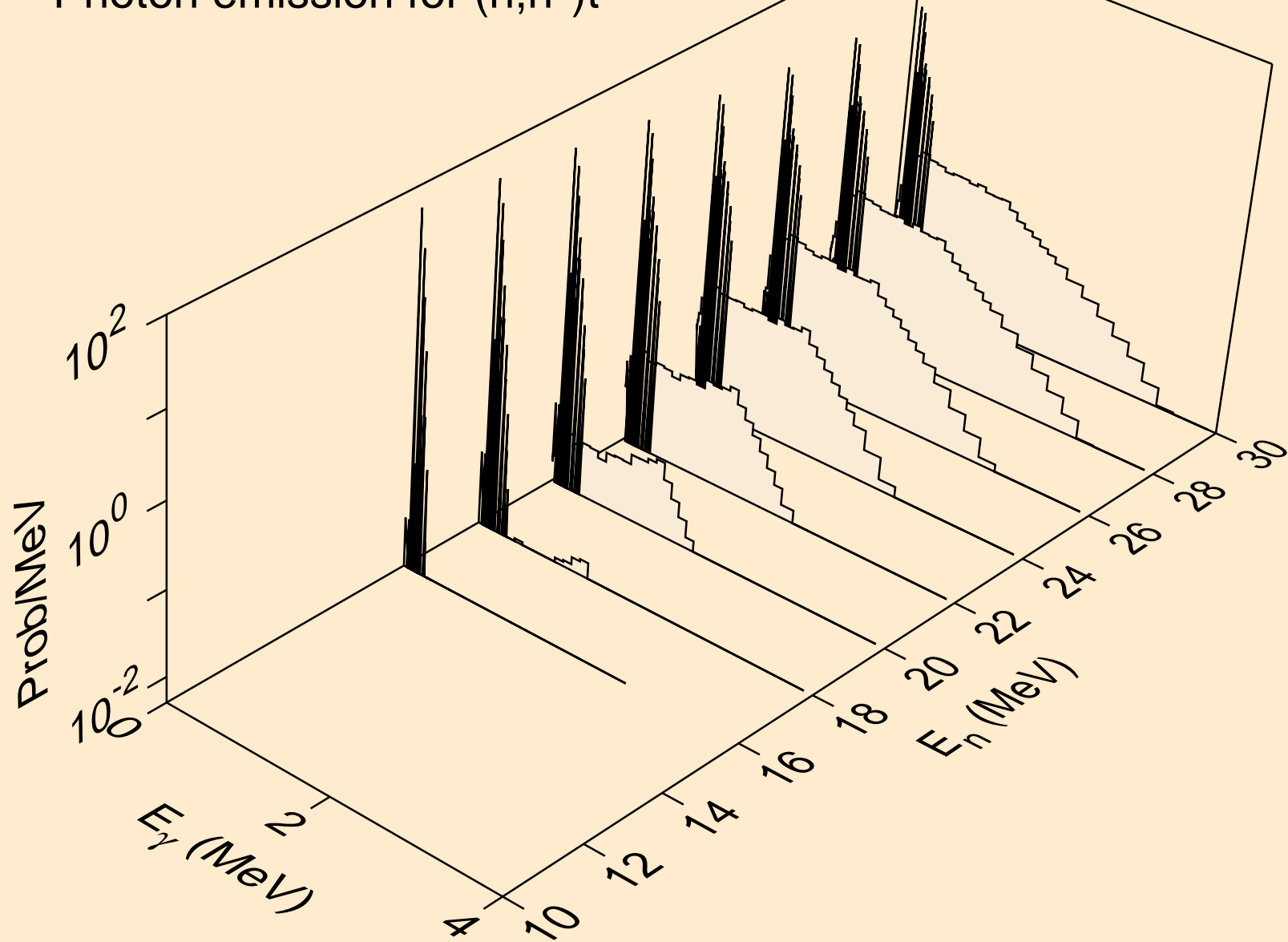


TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

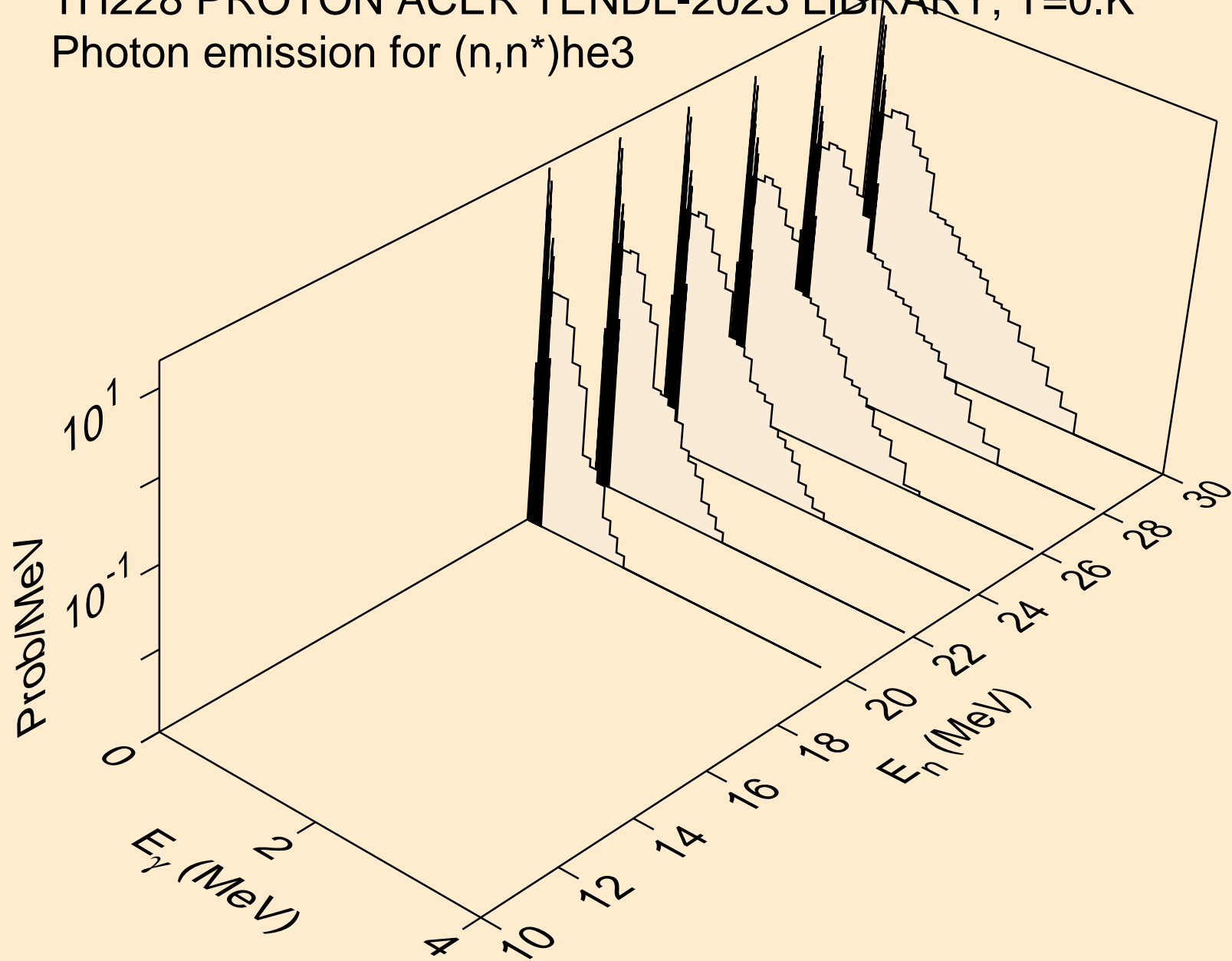




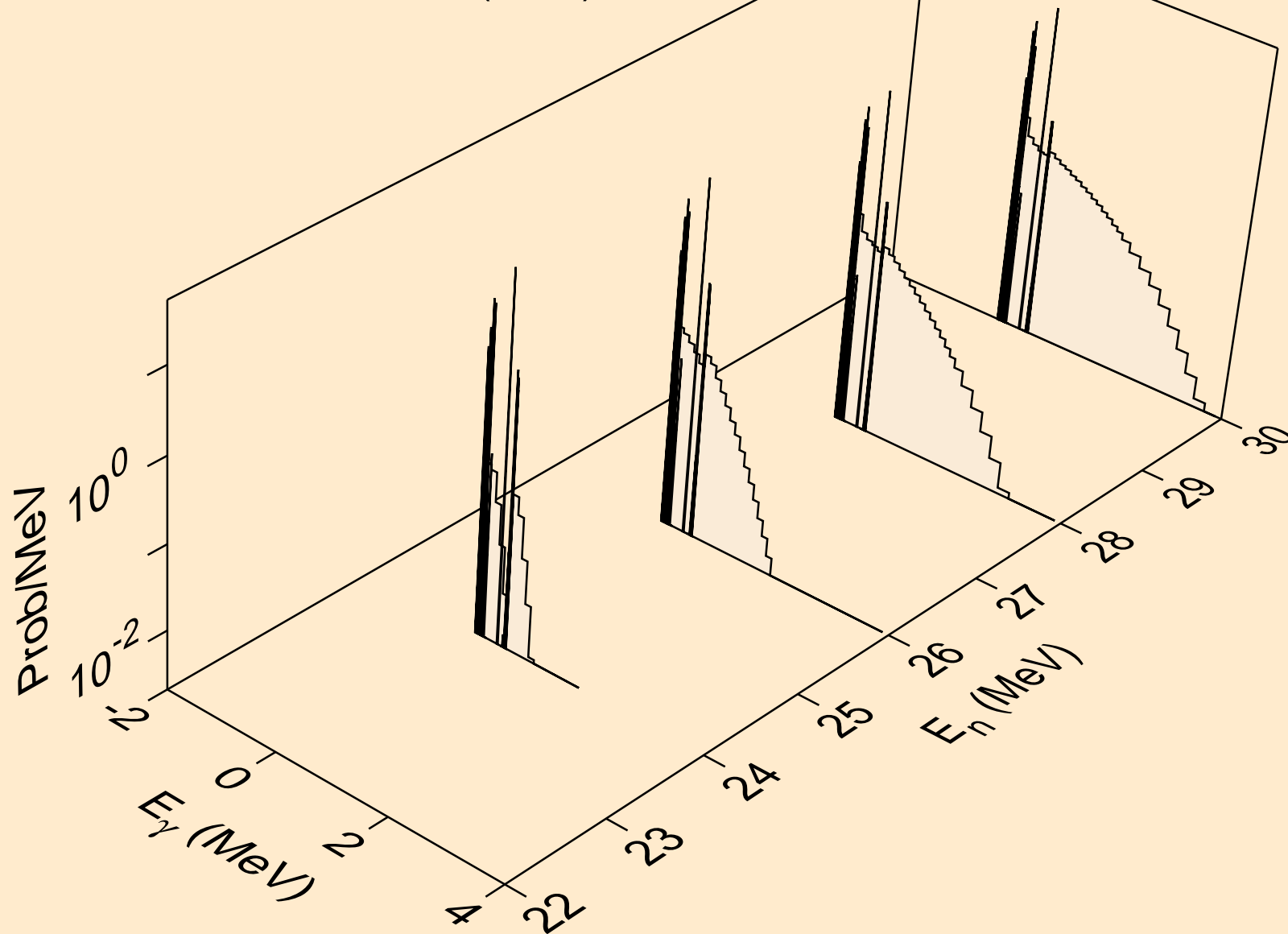
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Photon emission for (n,n\*)t



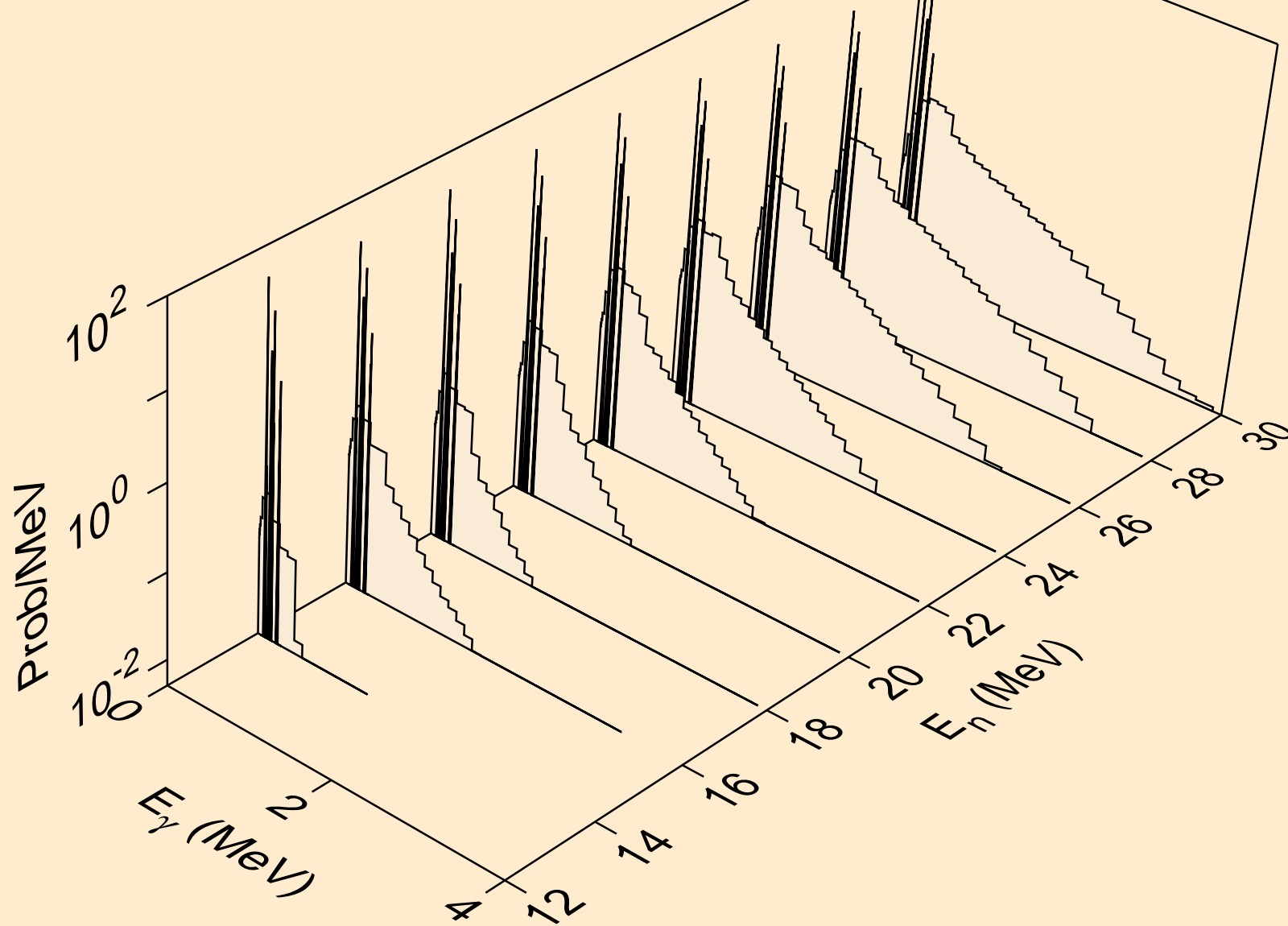
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



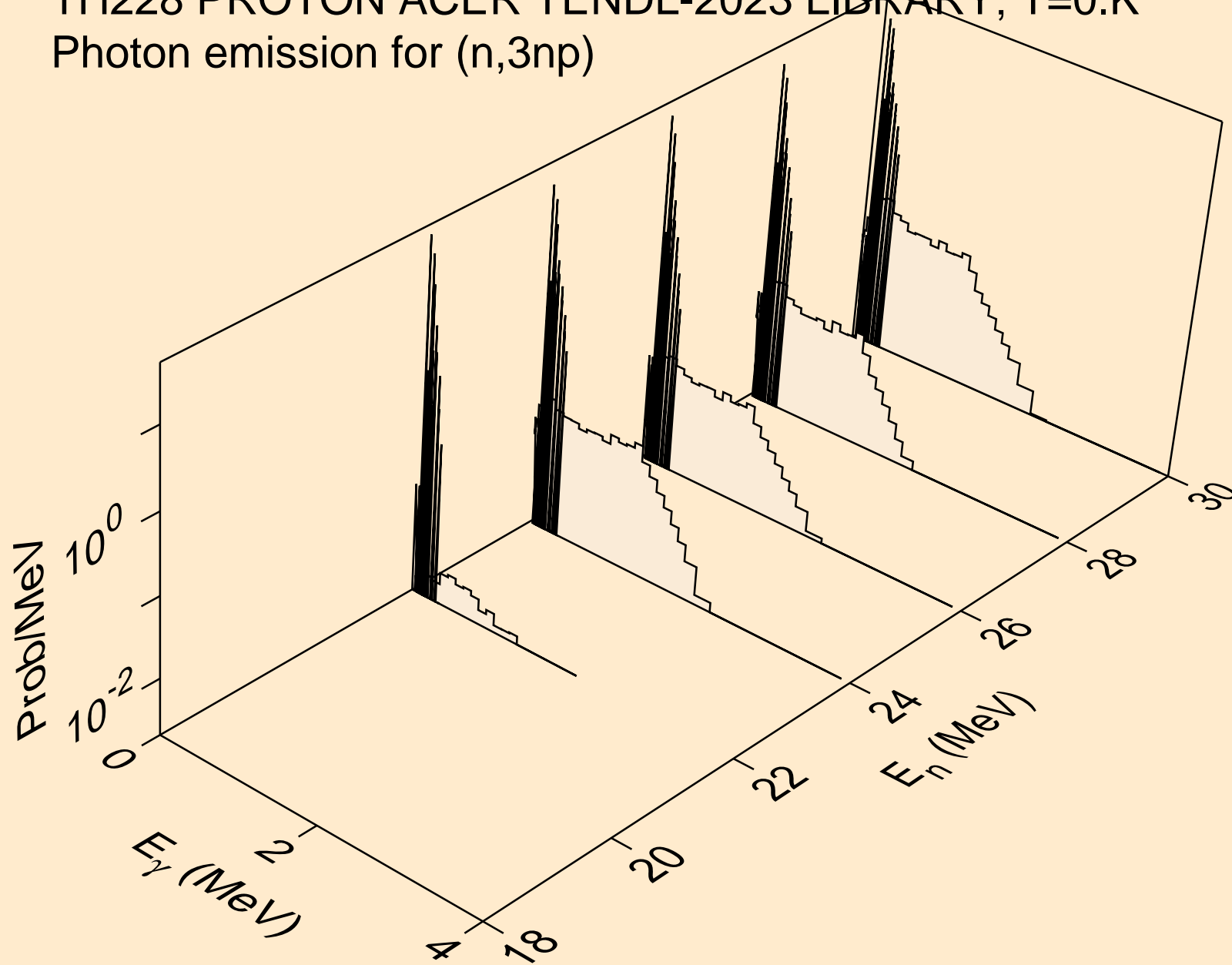
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Photon emission for (n,4n)



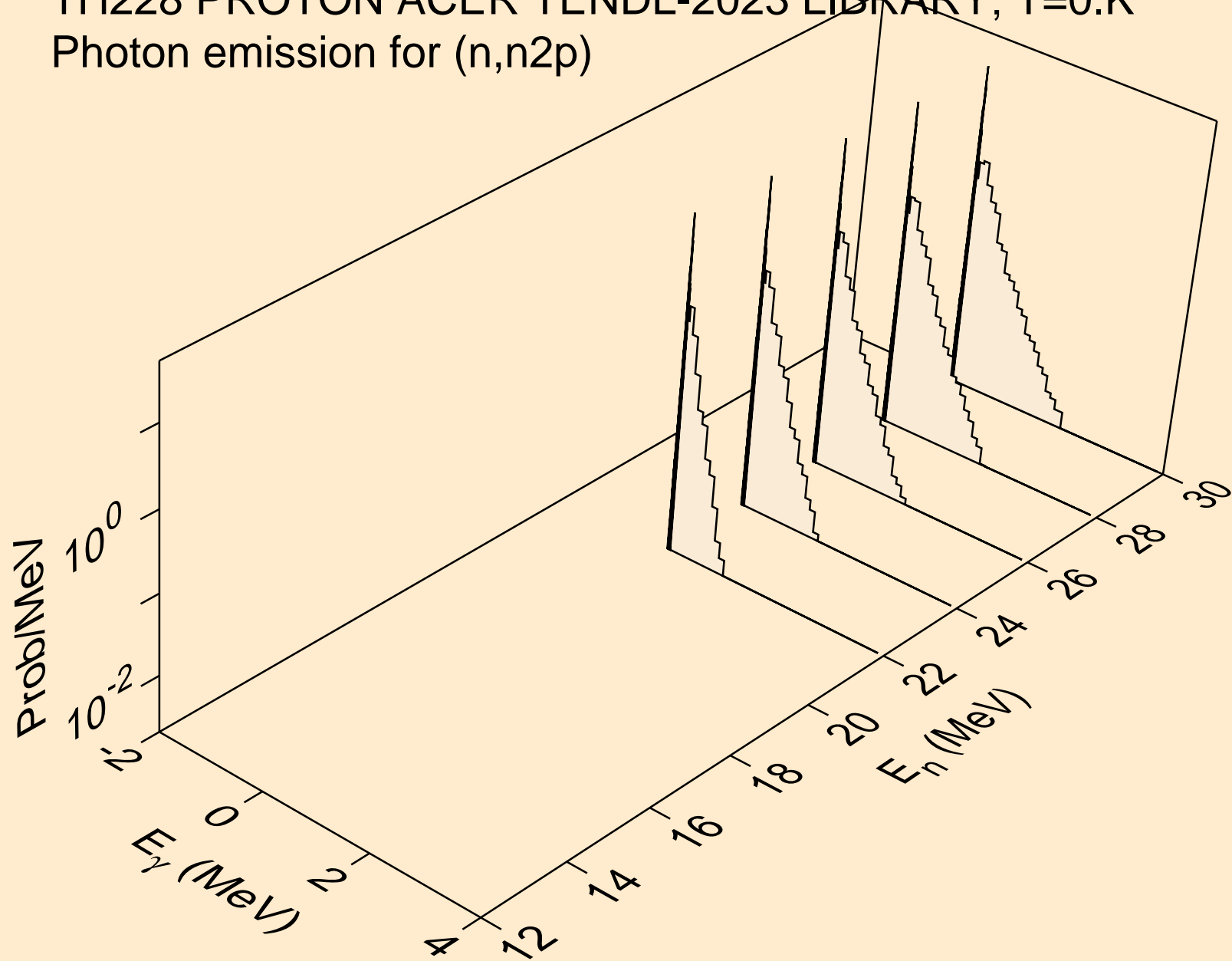
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Photon emission for (n,2np)



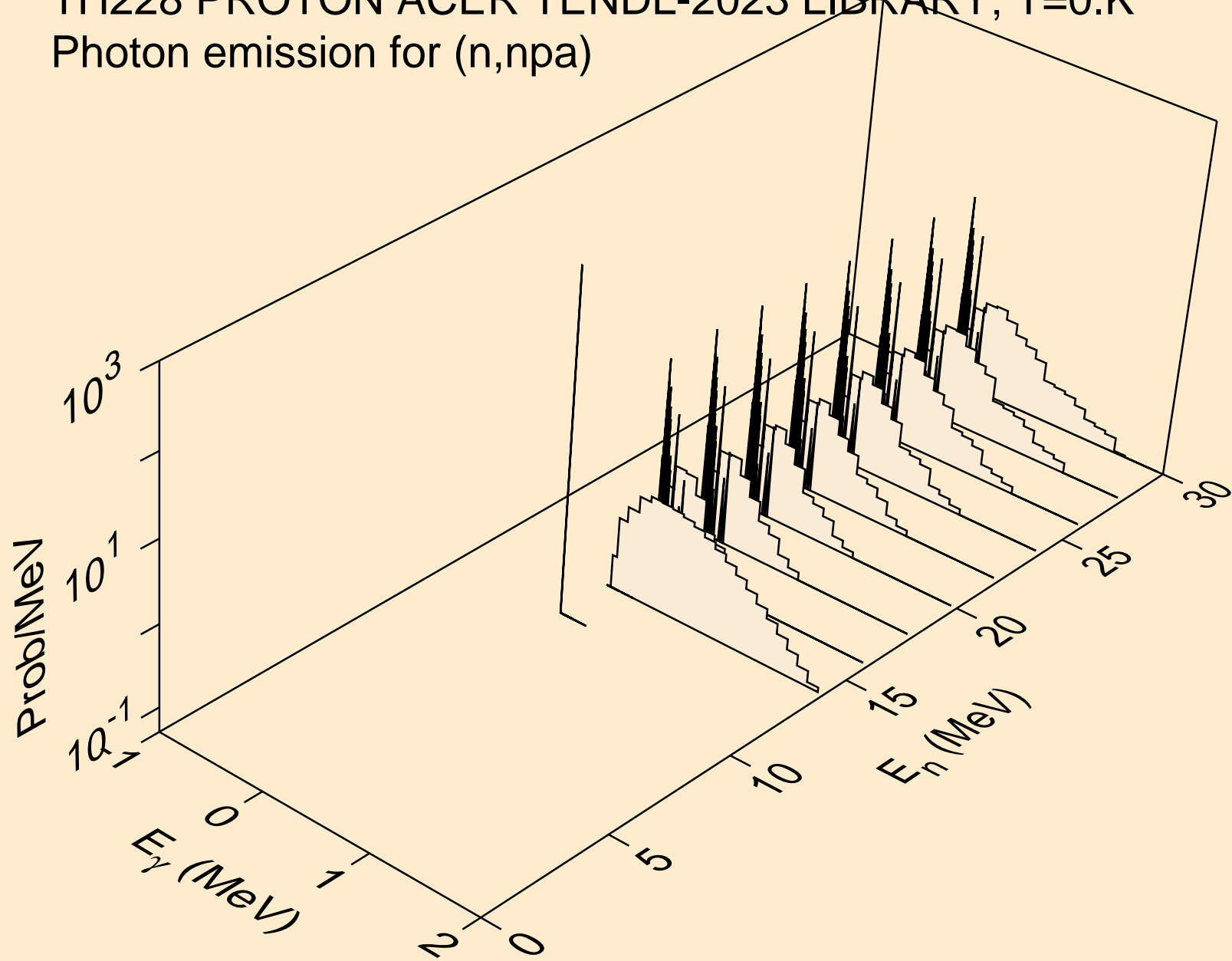
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Photon emission for (n,3np)



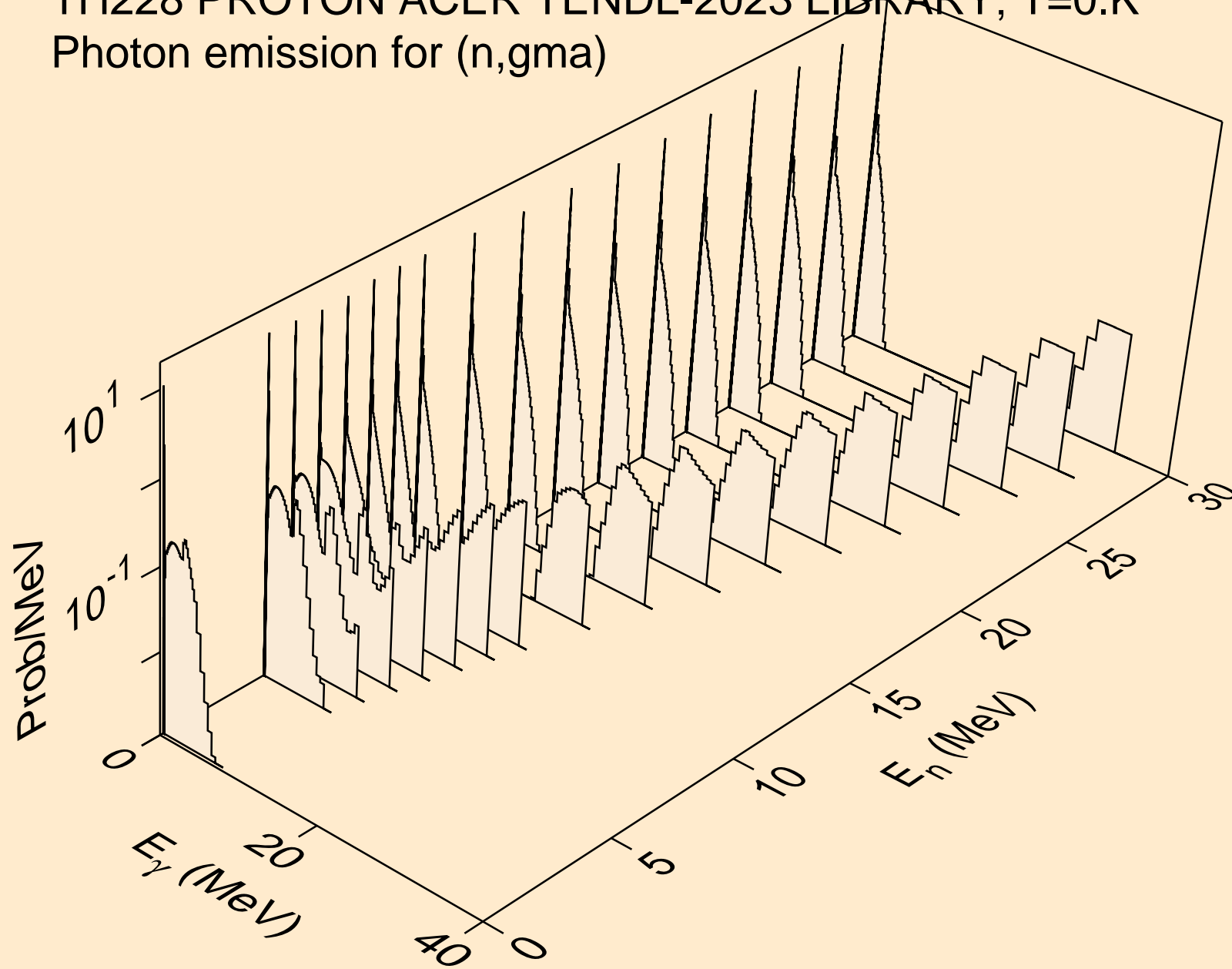
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

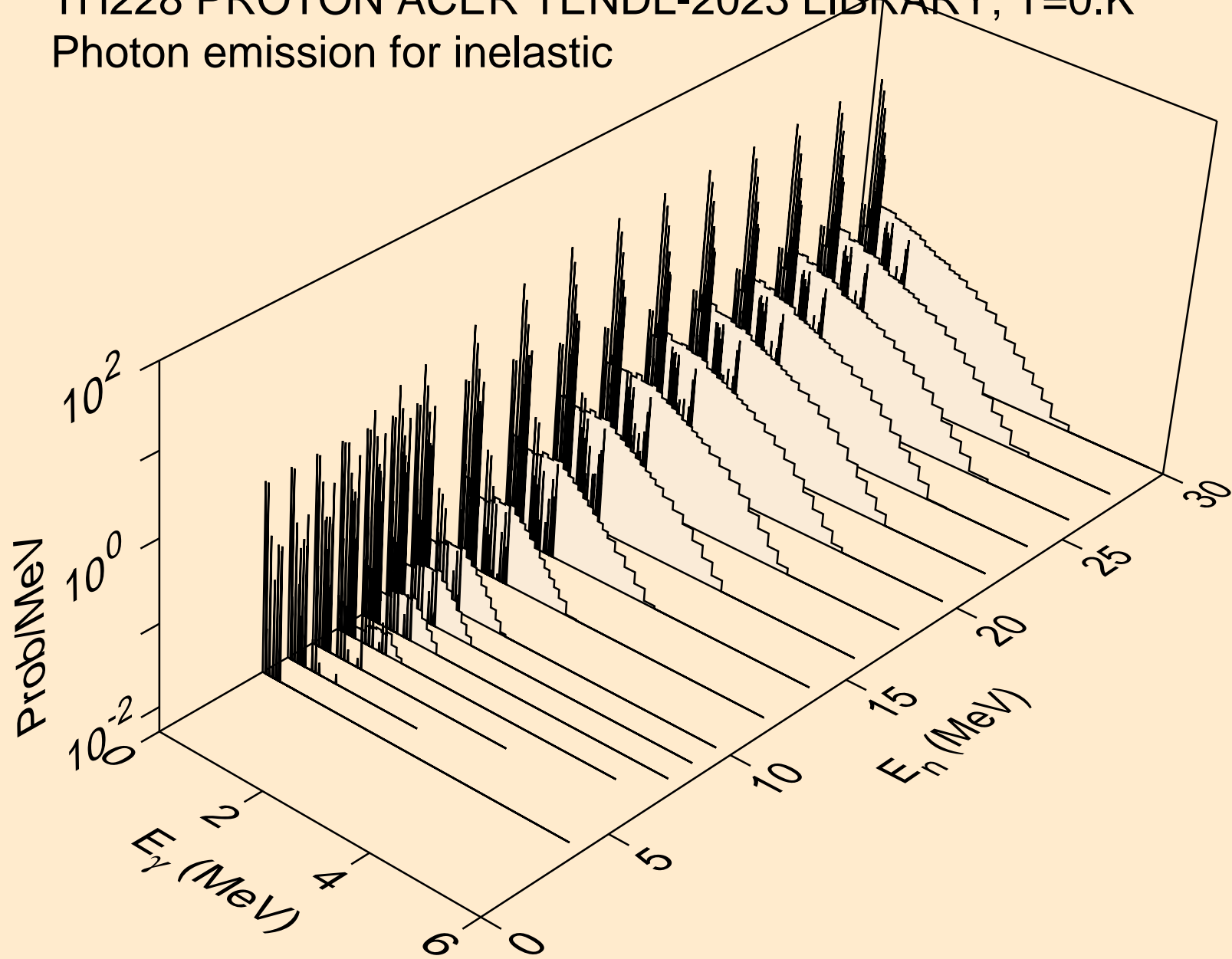


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Photon emission for (n,gma)

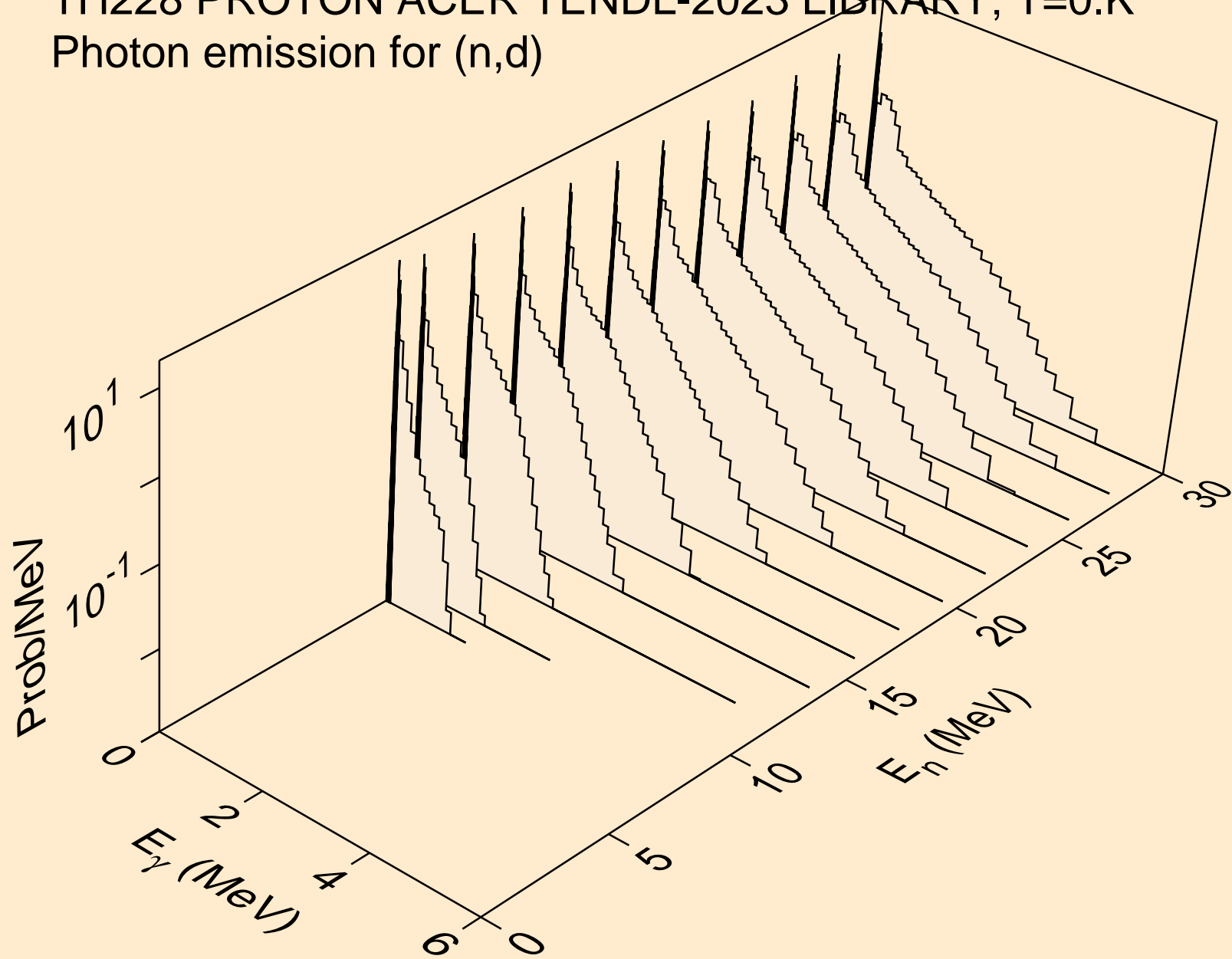




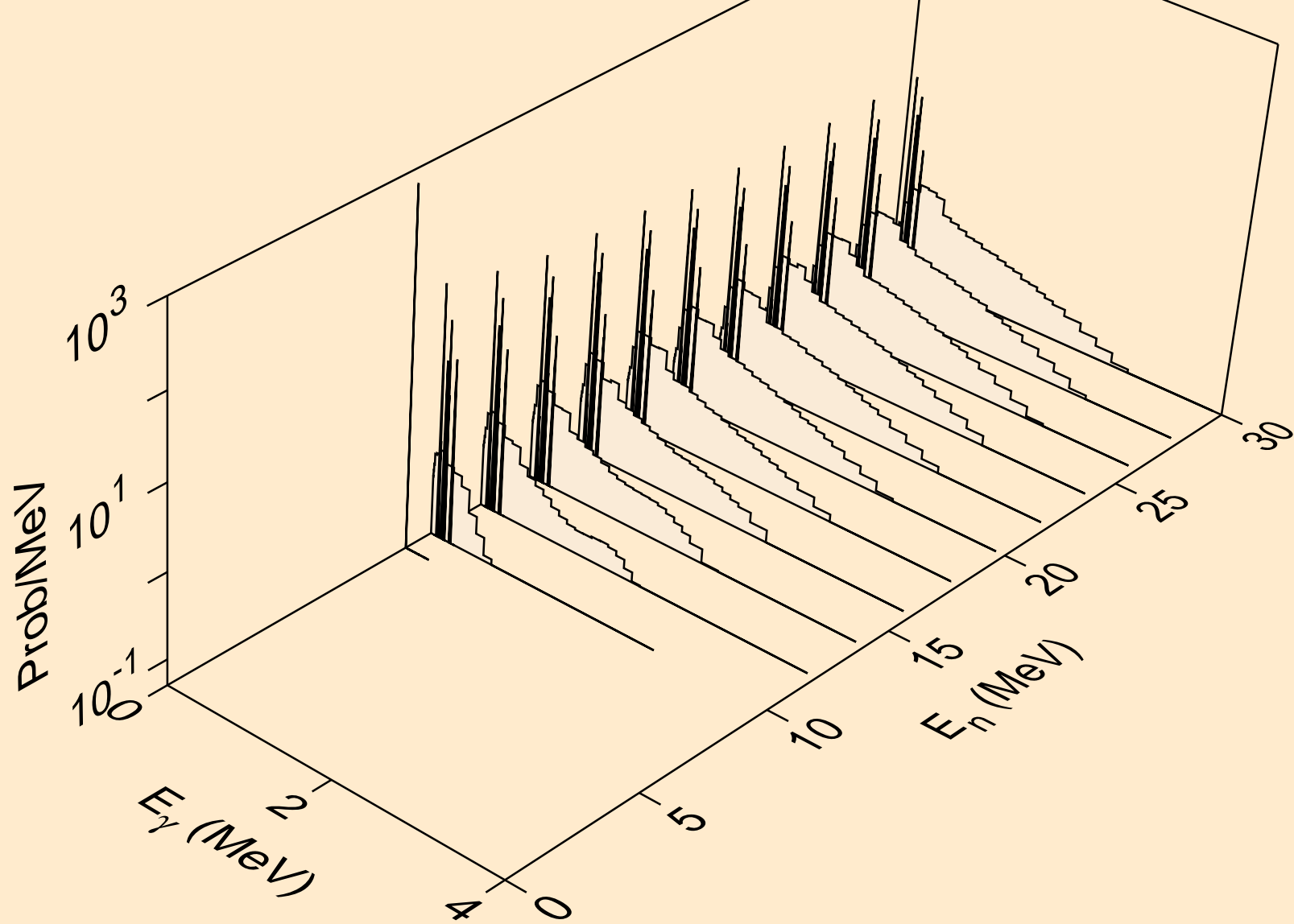
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



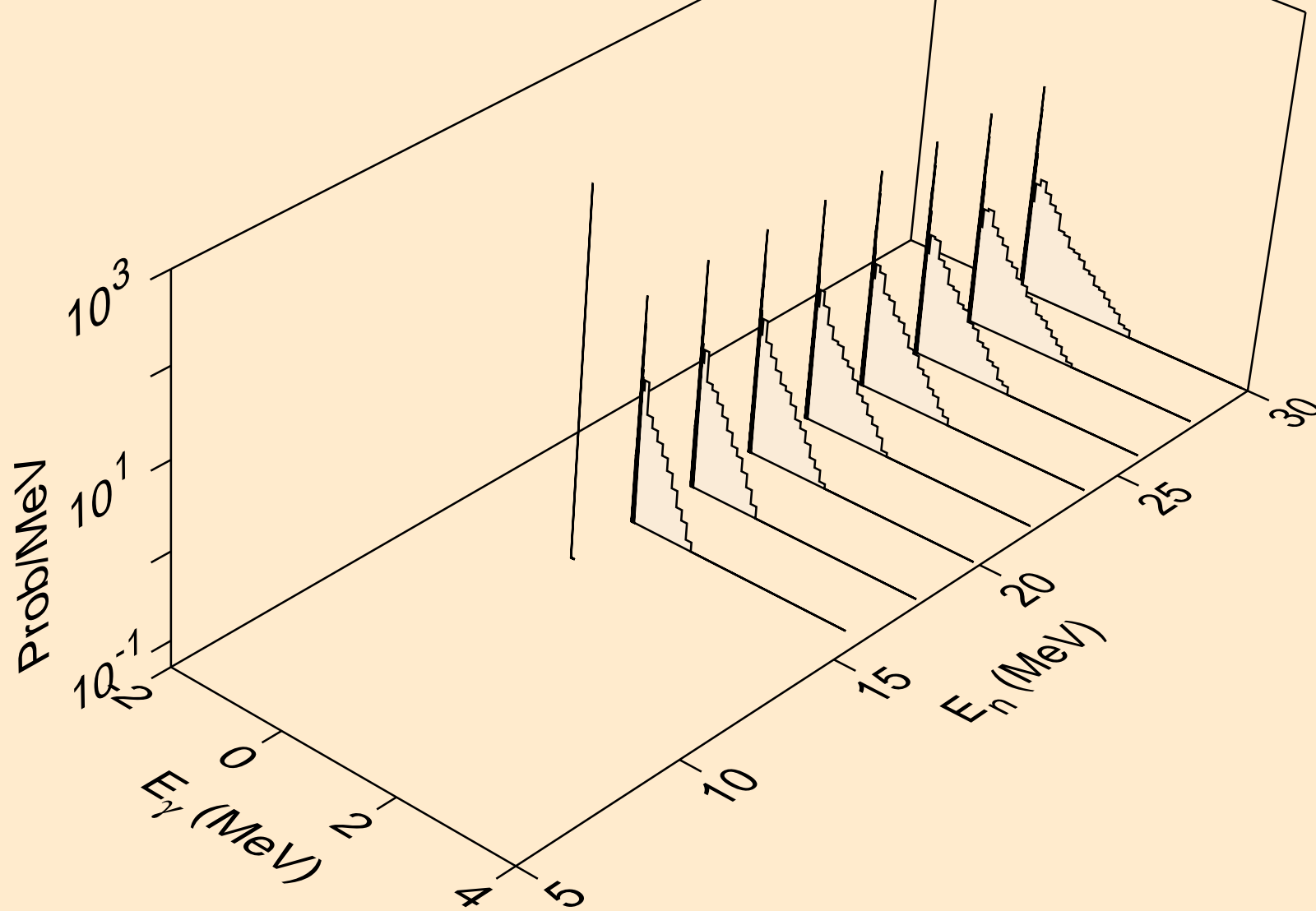
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Photon emission for (n,d)



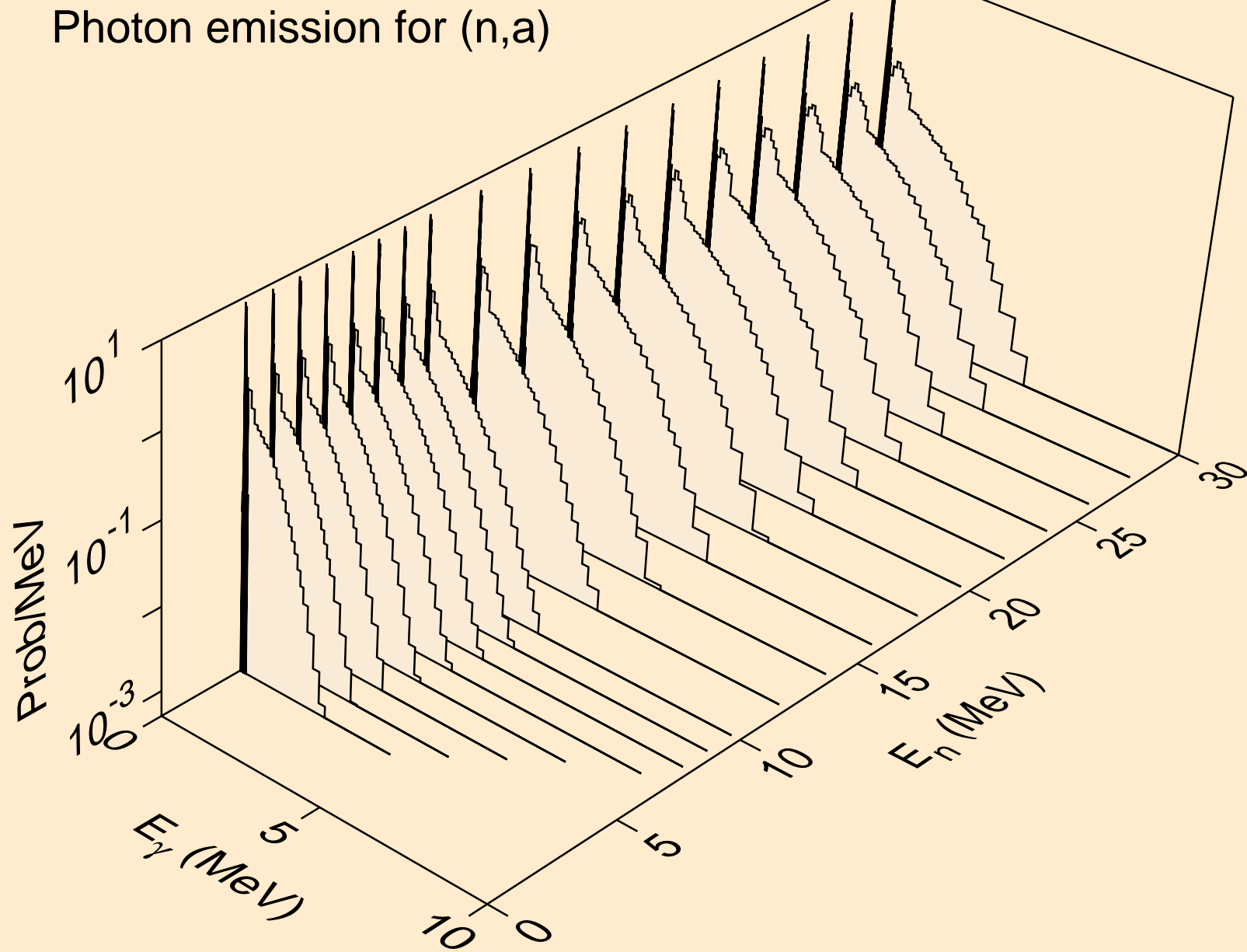
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Photon emission for (n,t)



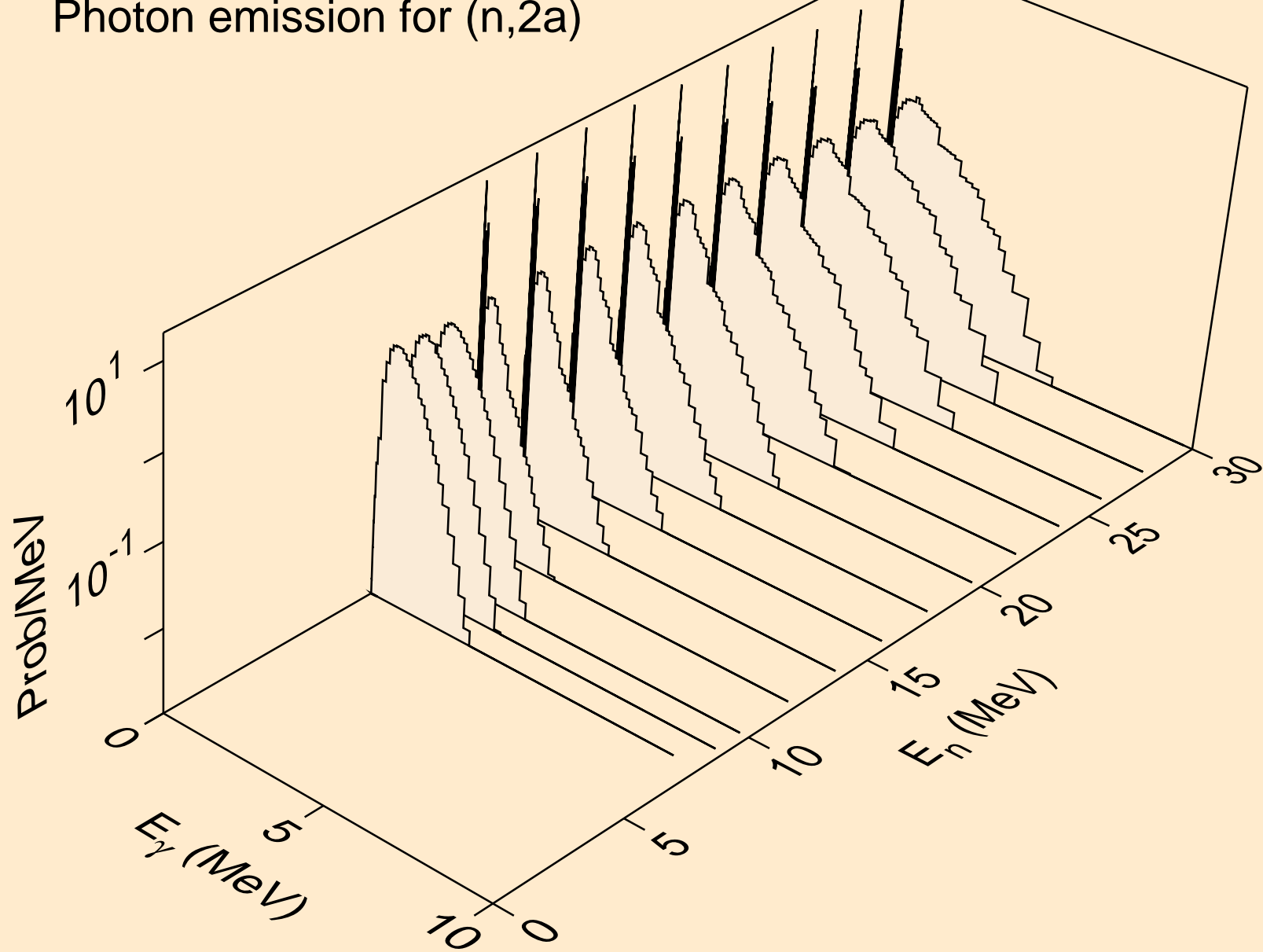
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Photon emission for (n,he3)



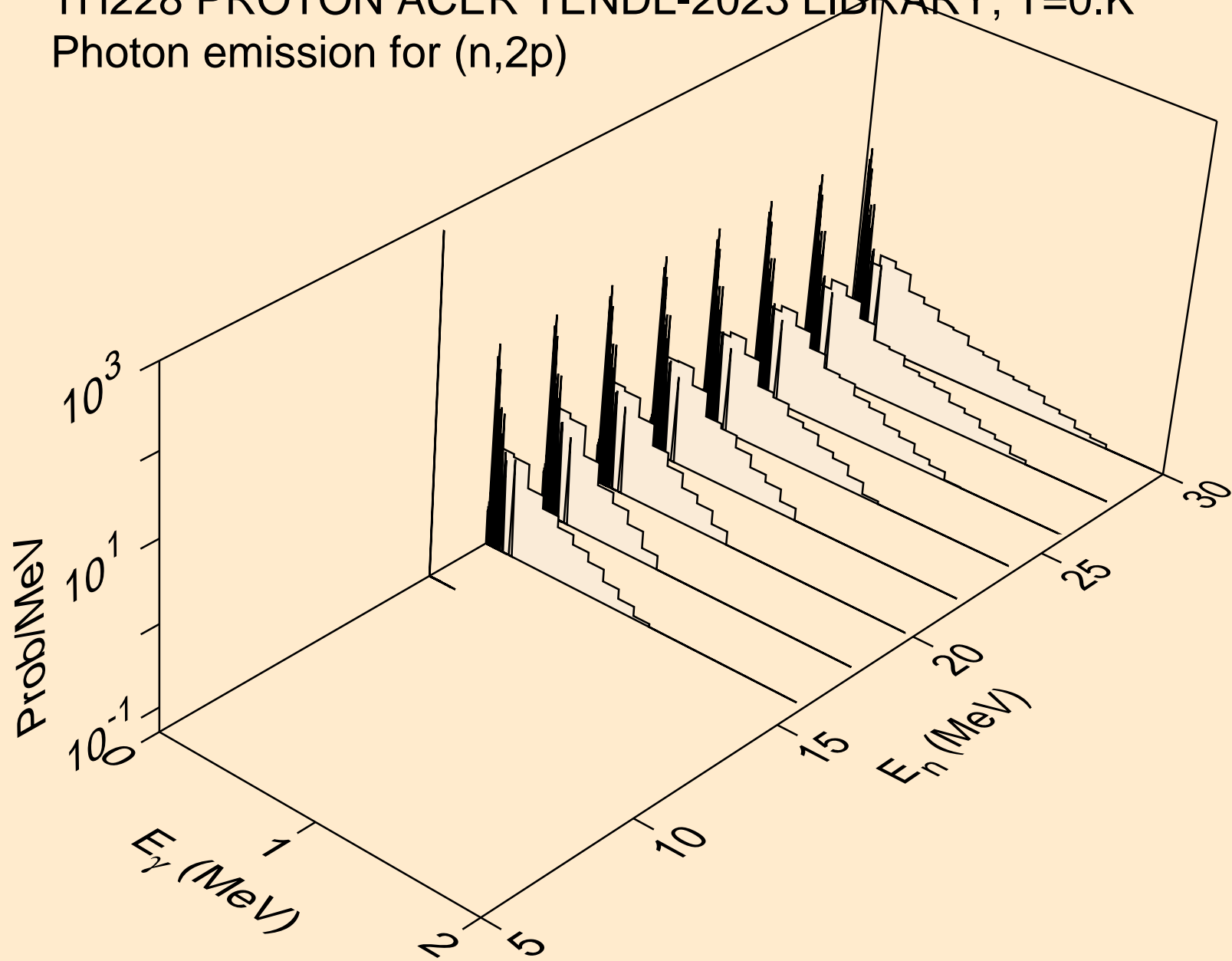
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



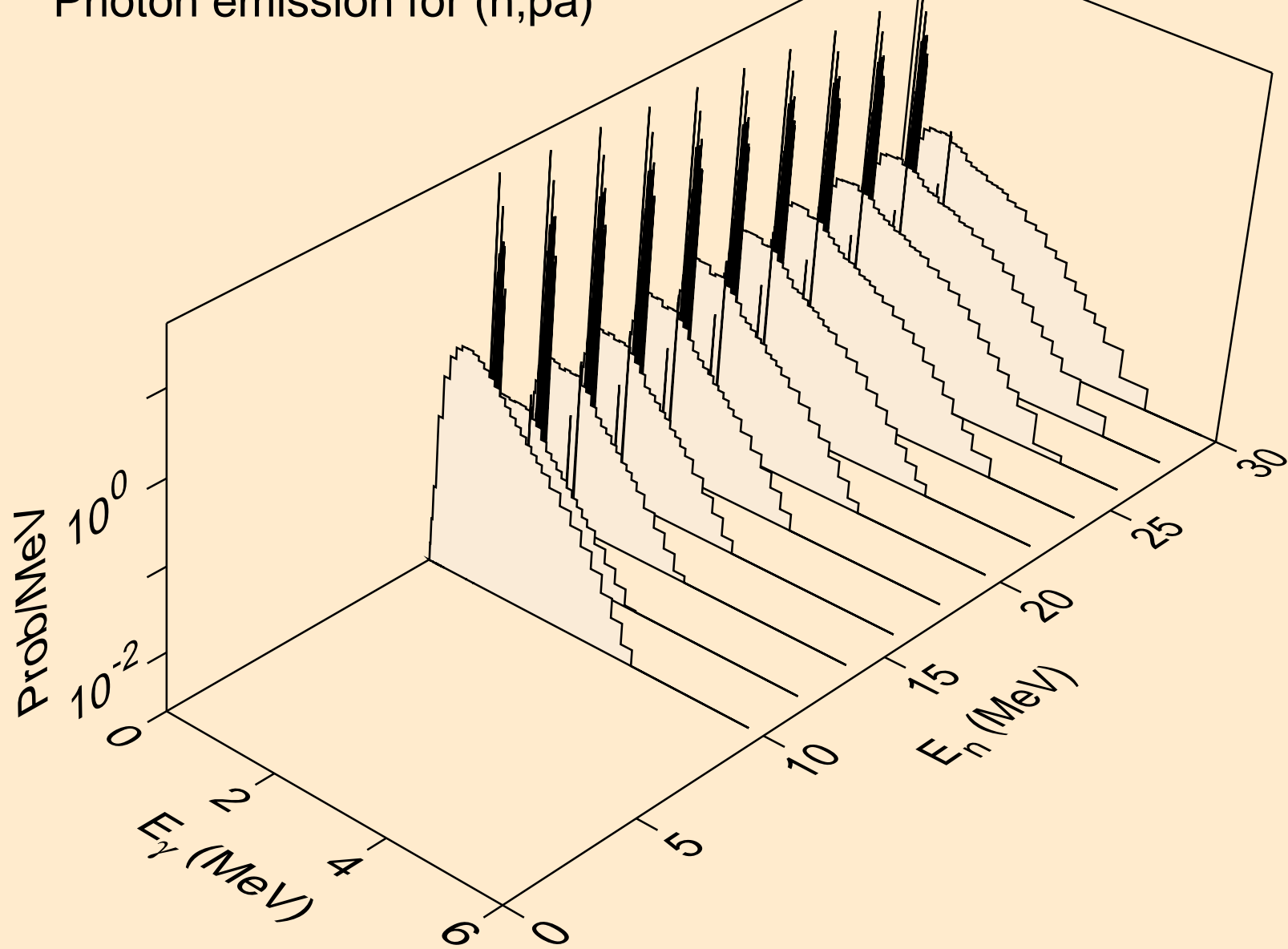
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

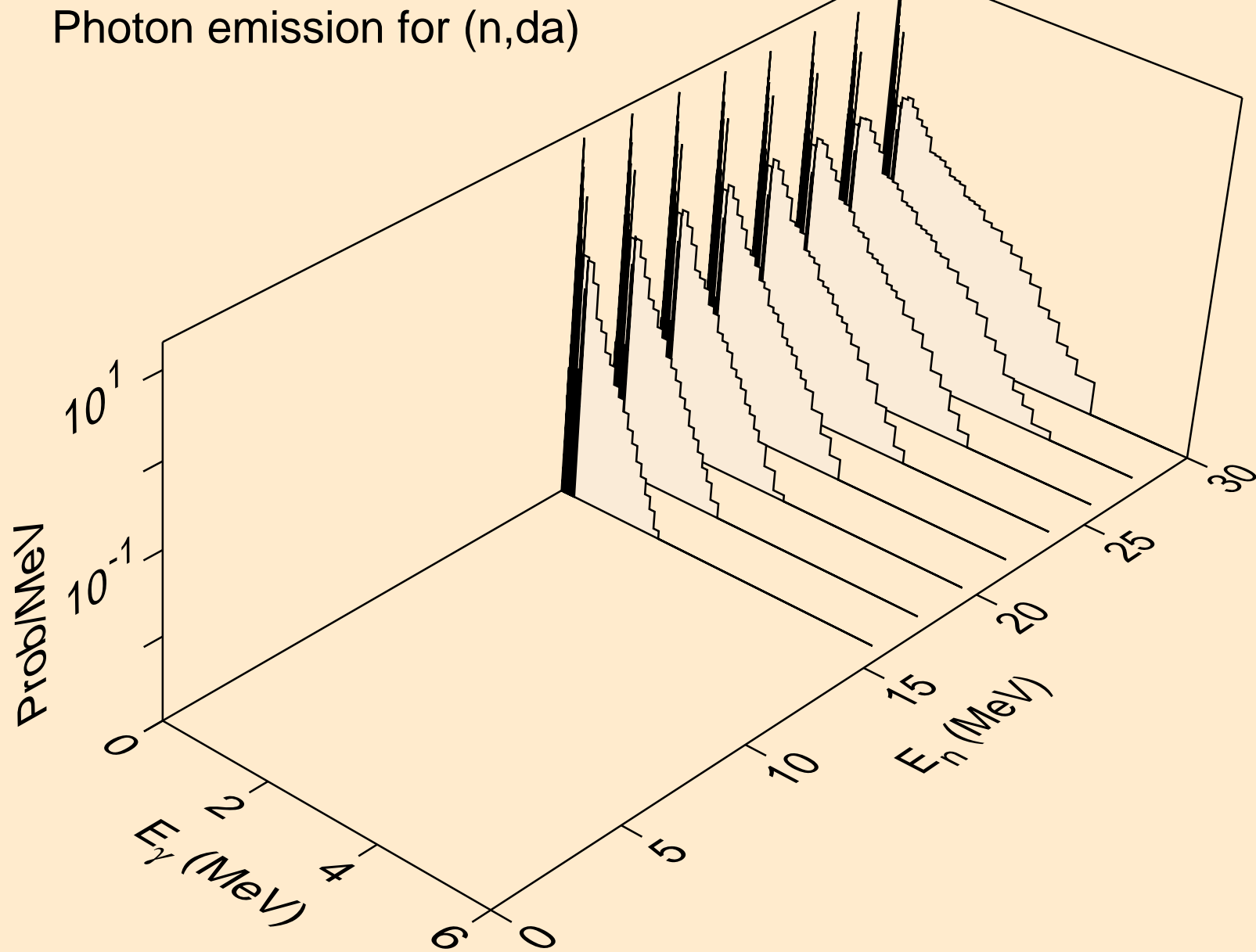


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Photon emission for (n,pa)

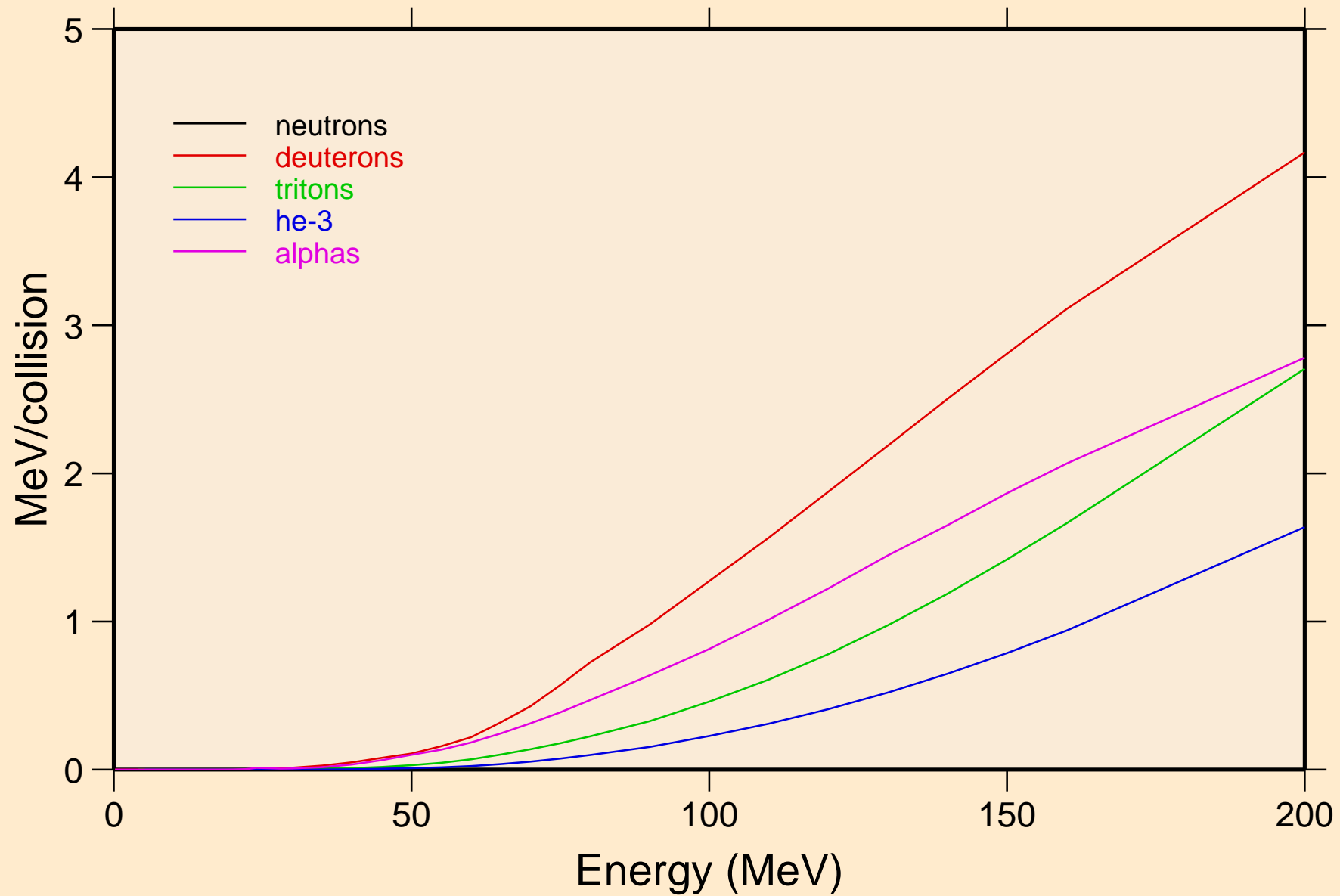




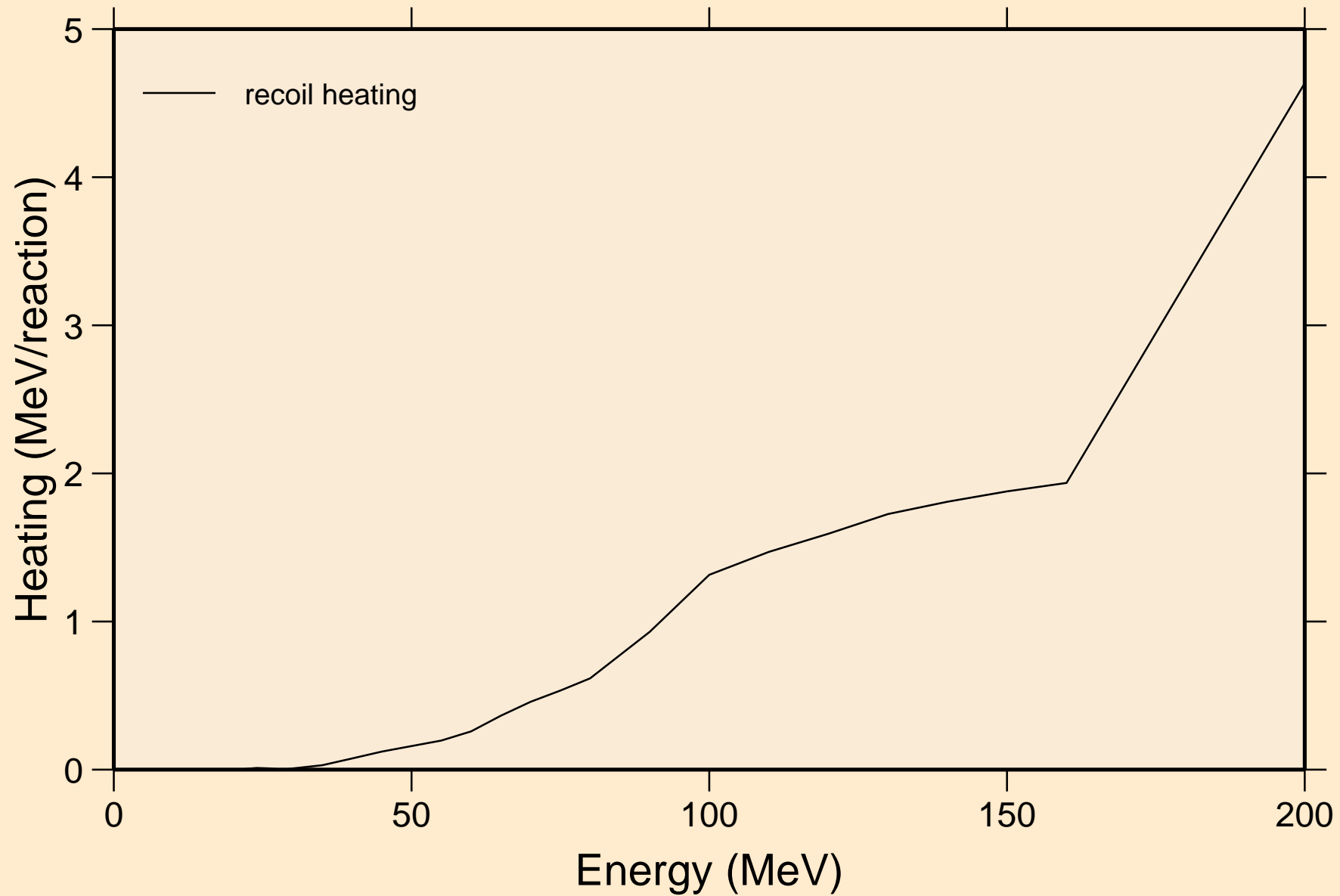
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Photon emission for (n,da)



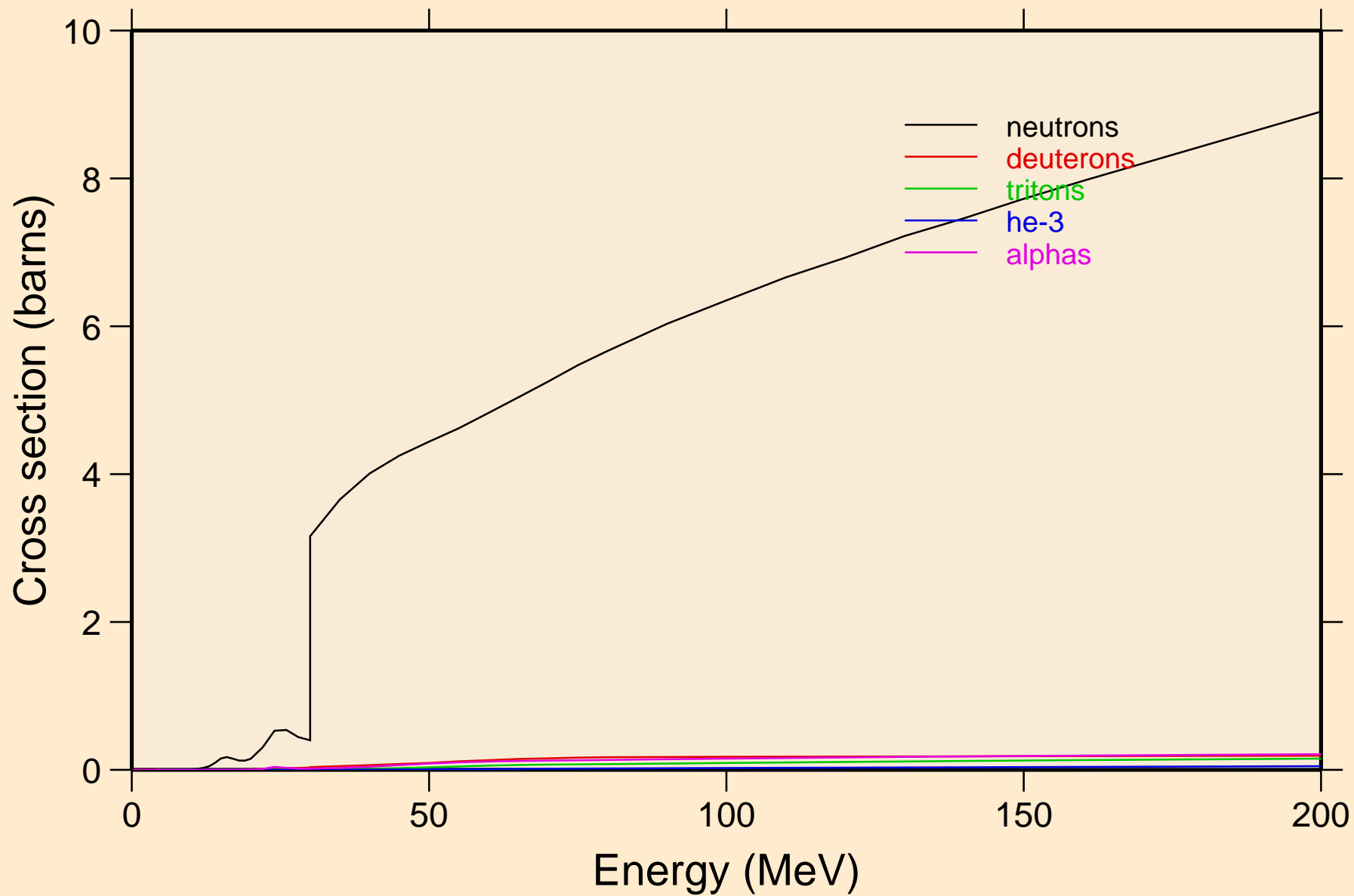
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



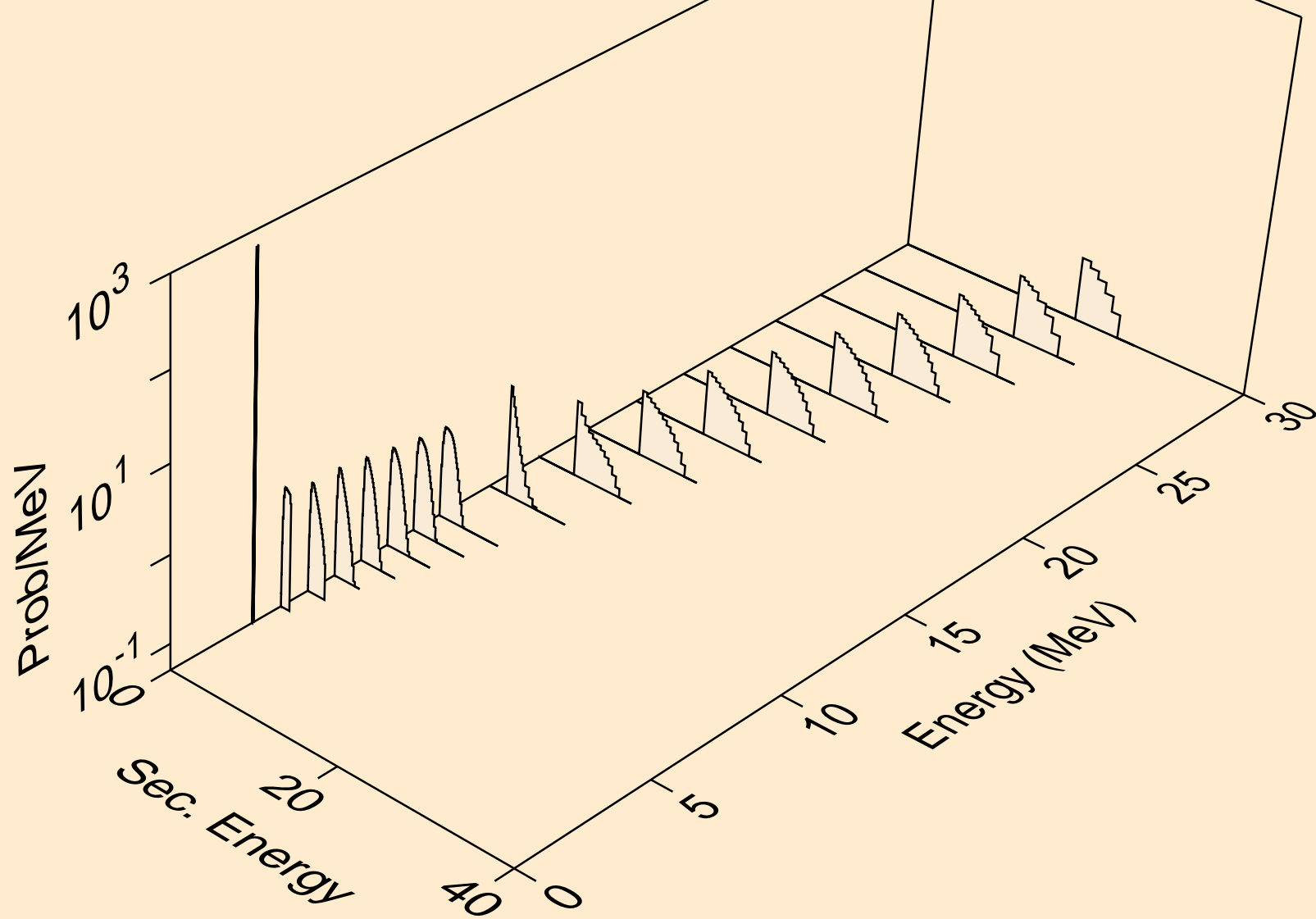
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Recoil Heating



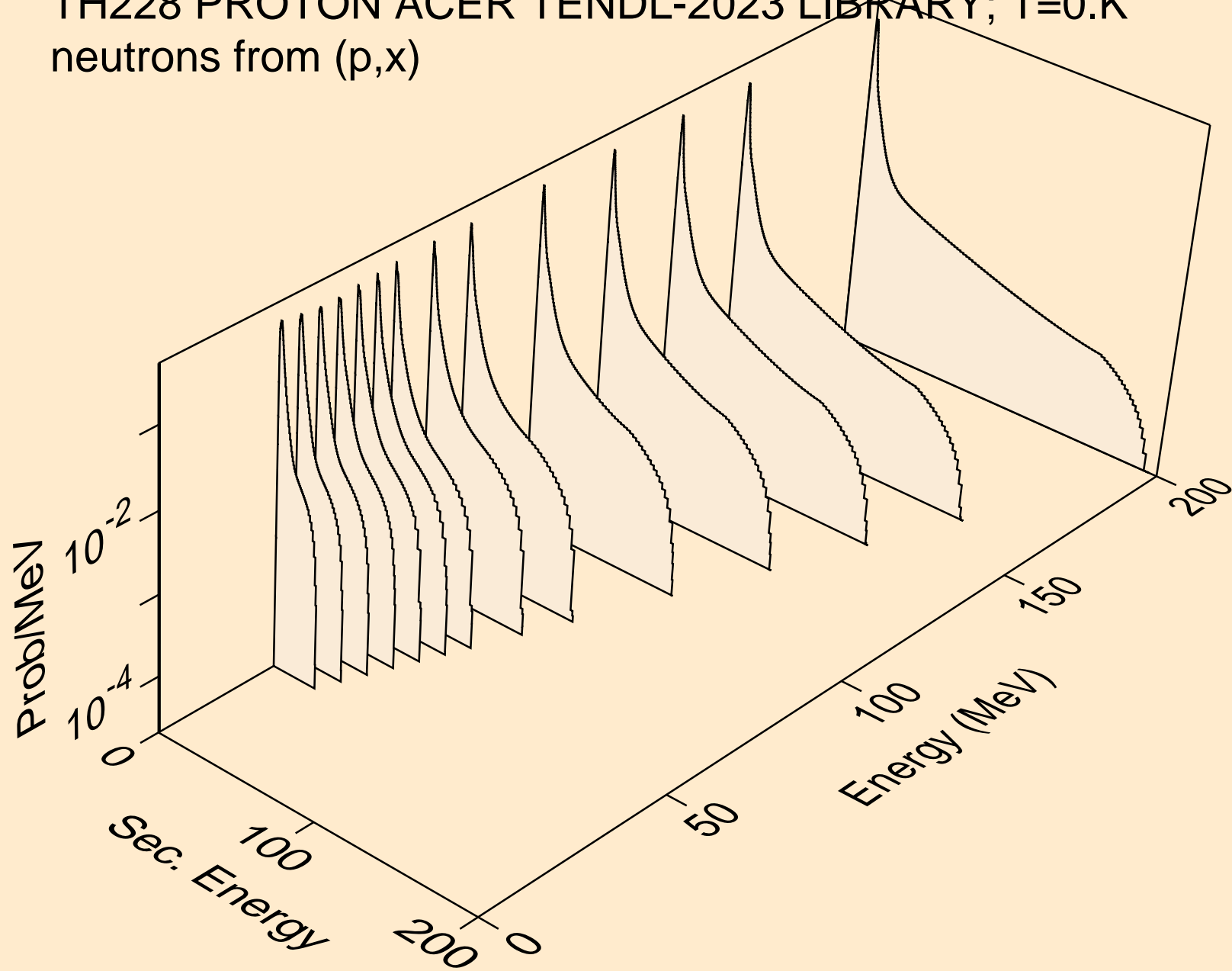
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



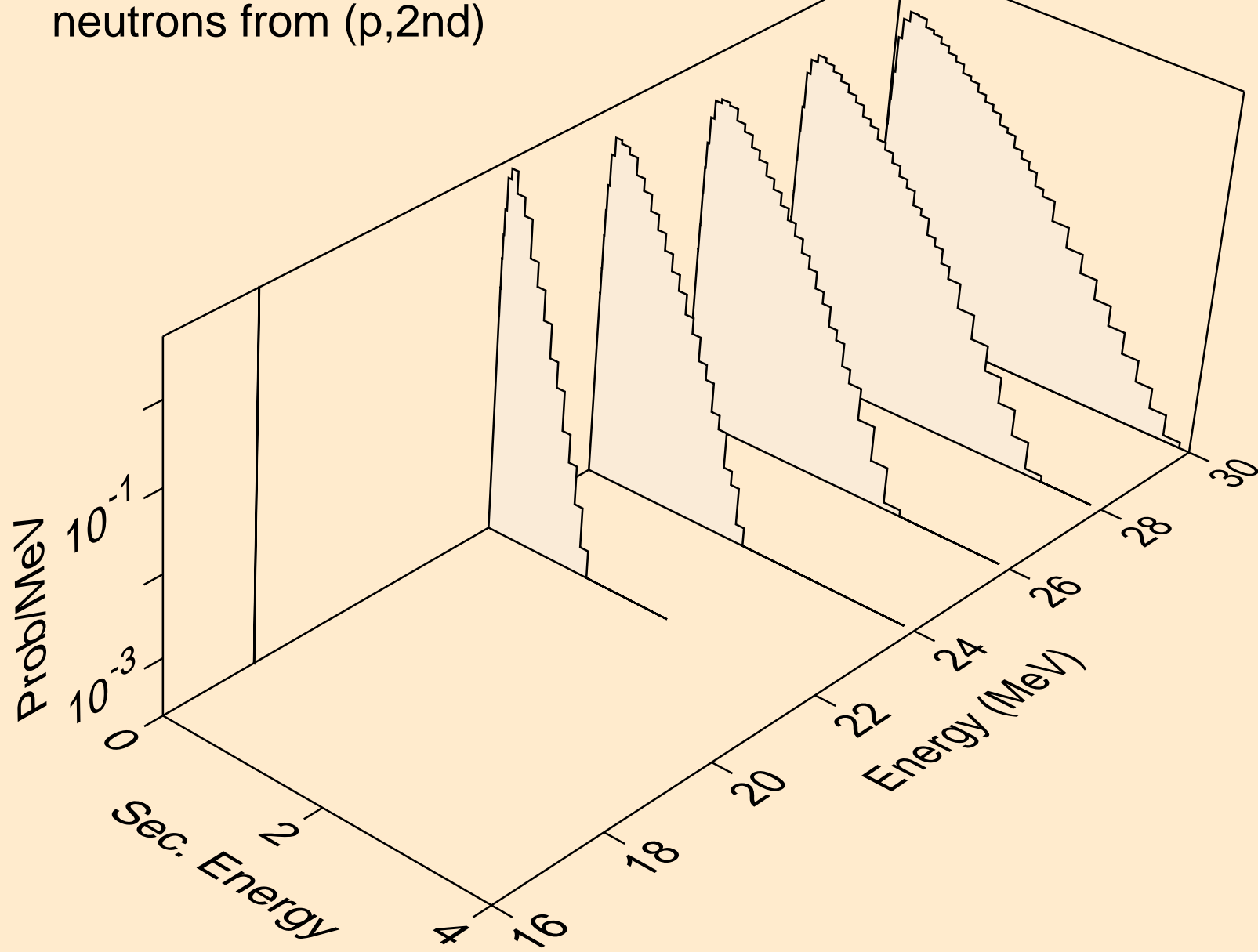
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



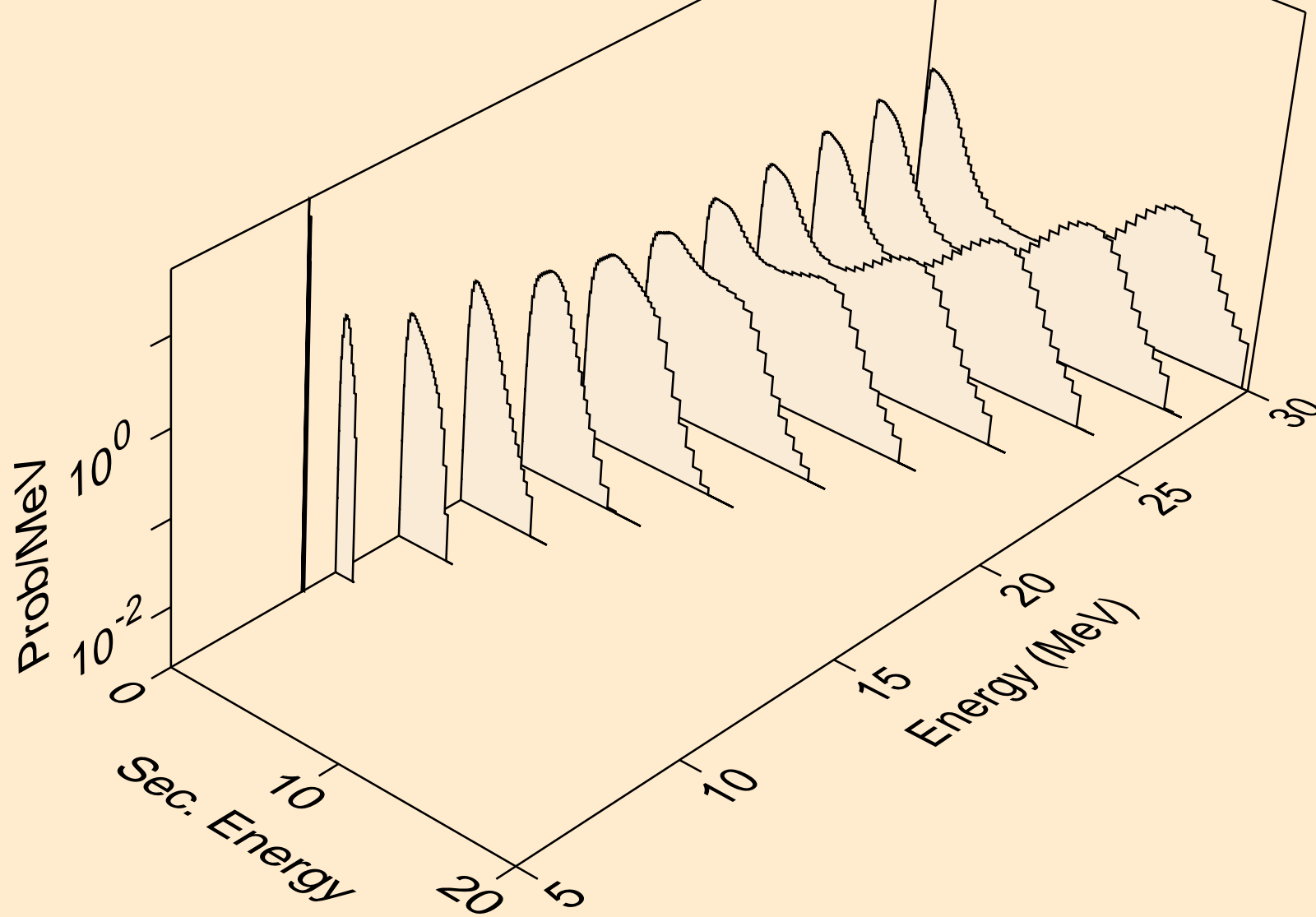
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

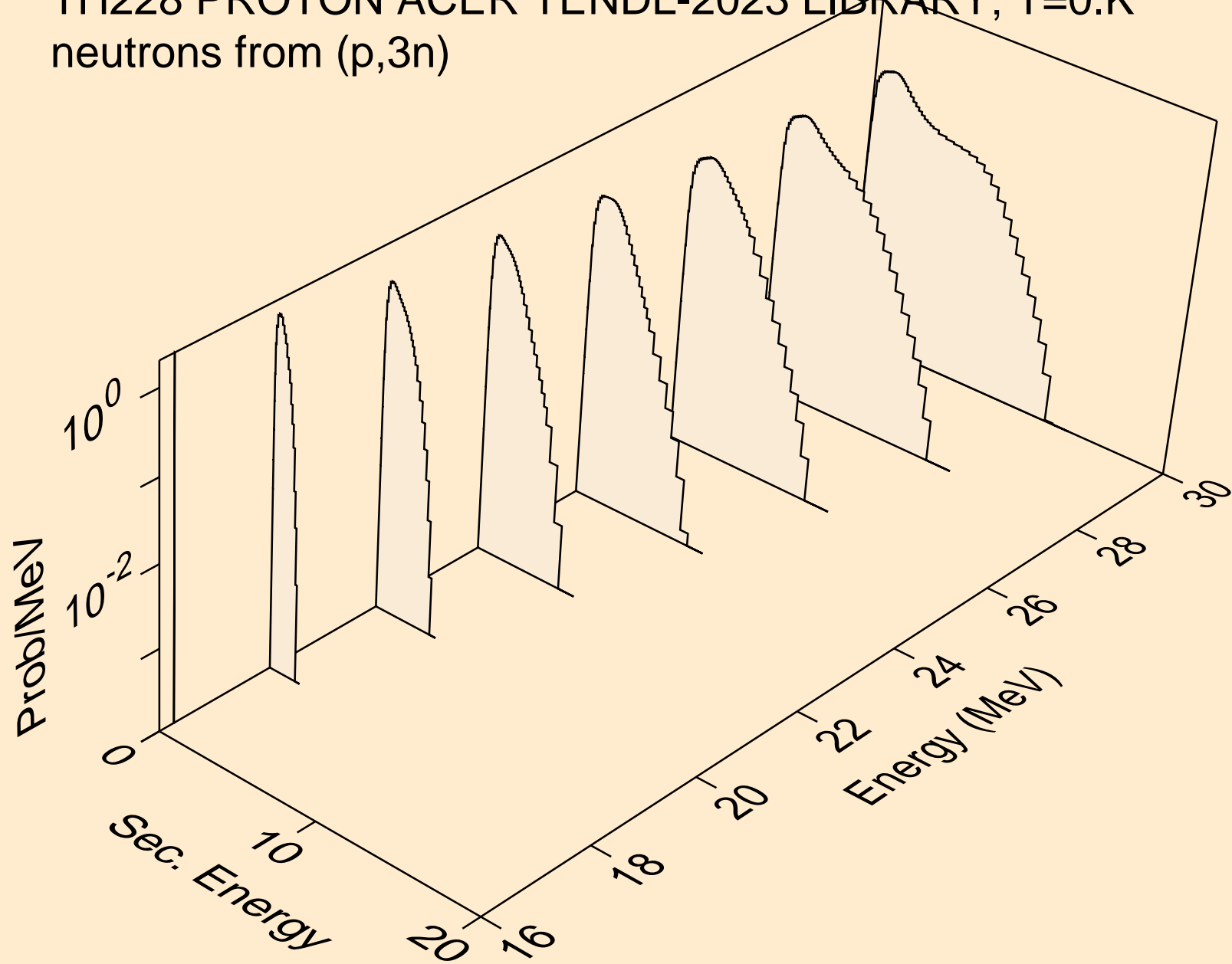


TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

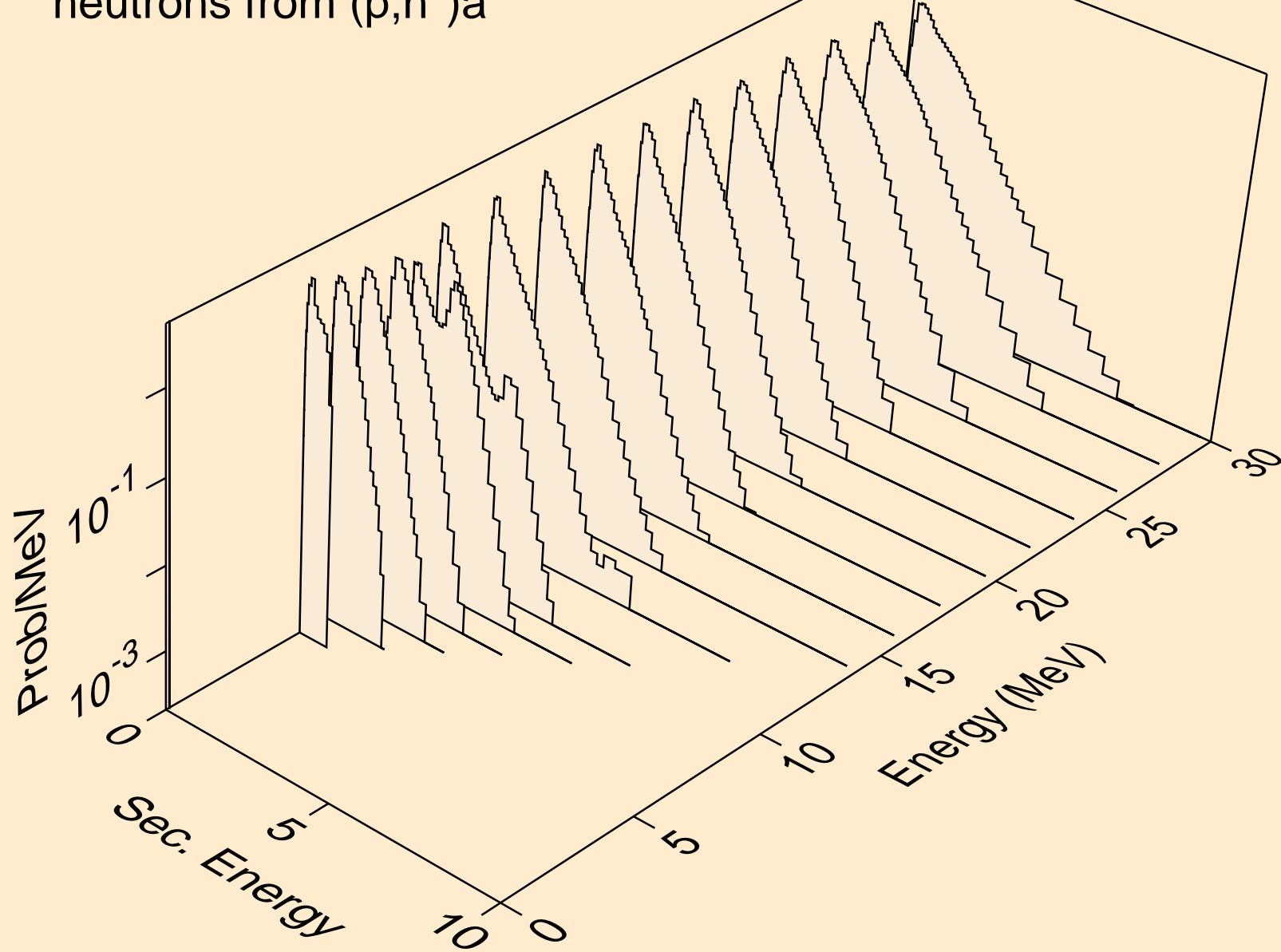




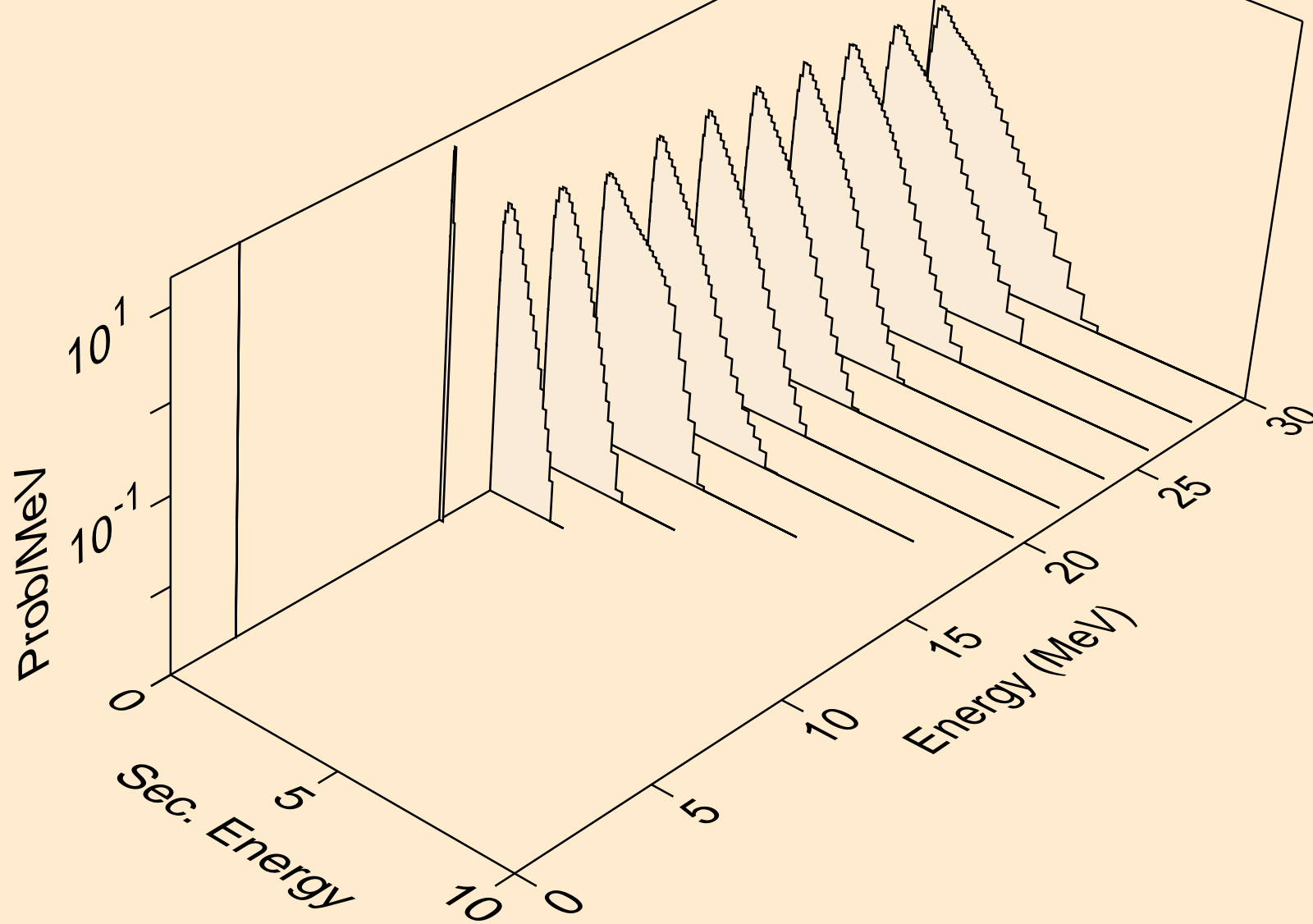
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neutrons from (p,3n)



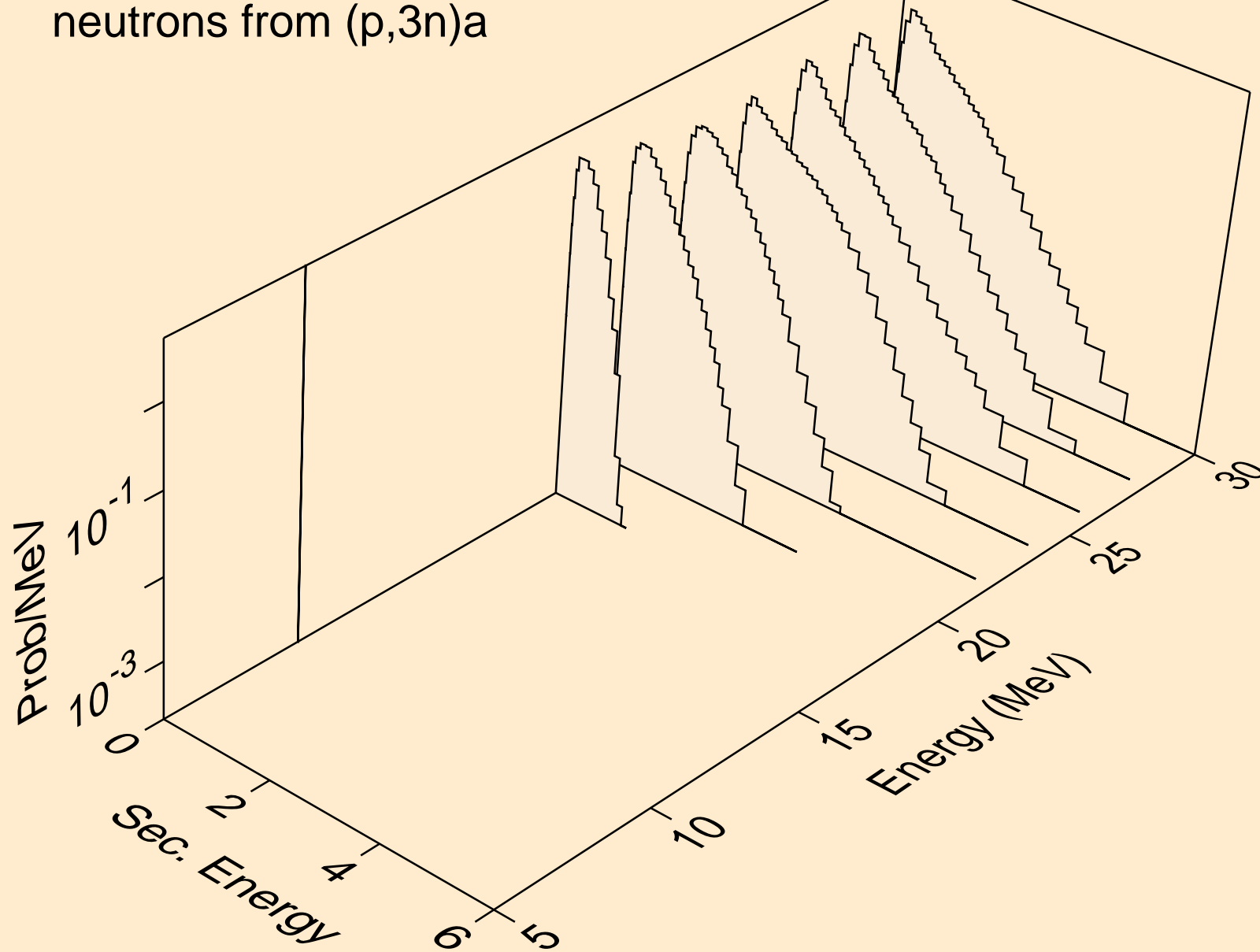
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



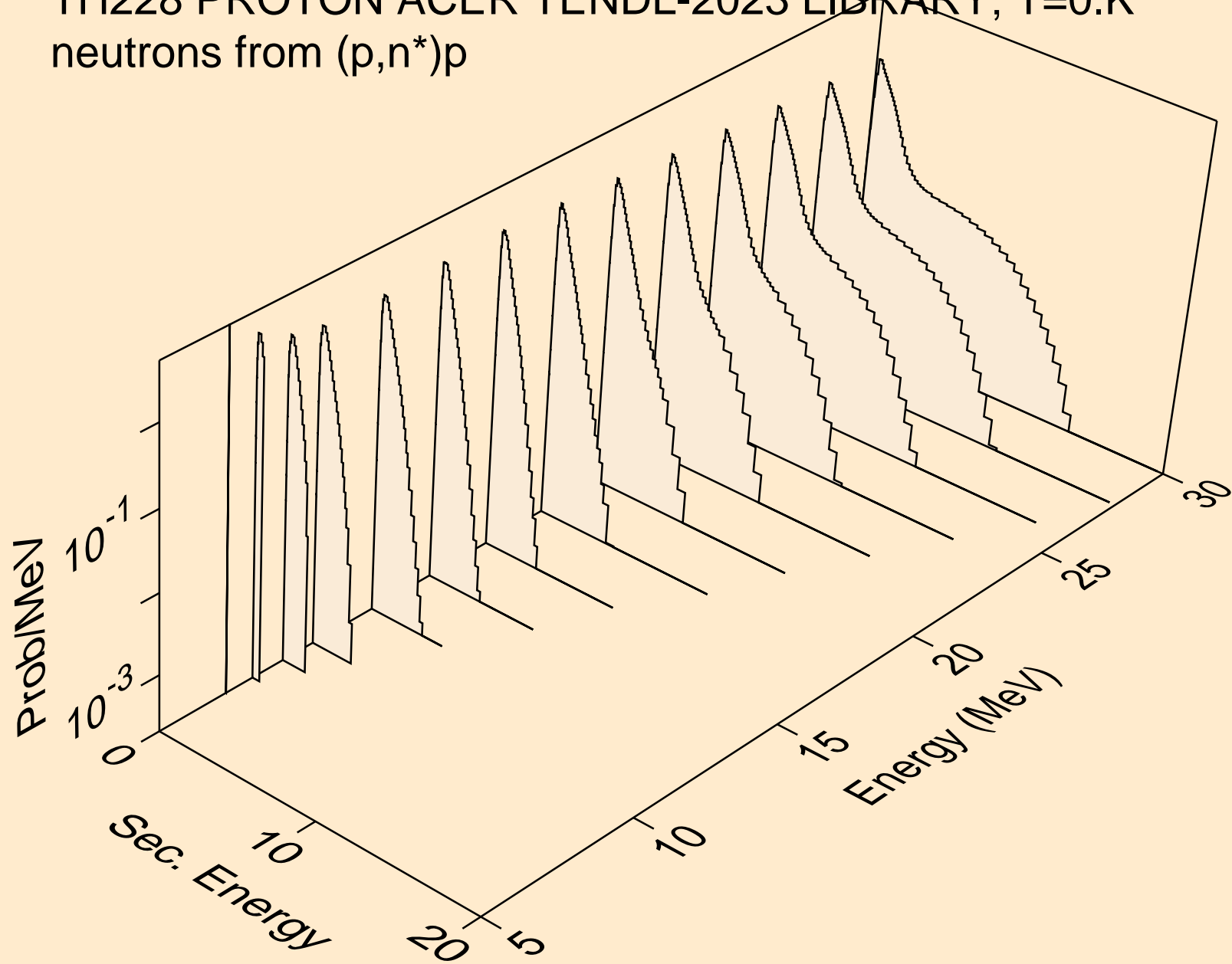
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neutrons from (p,2n)a



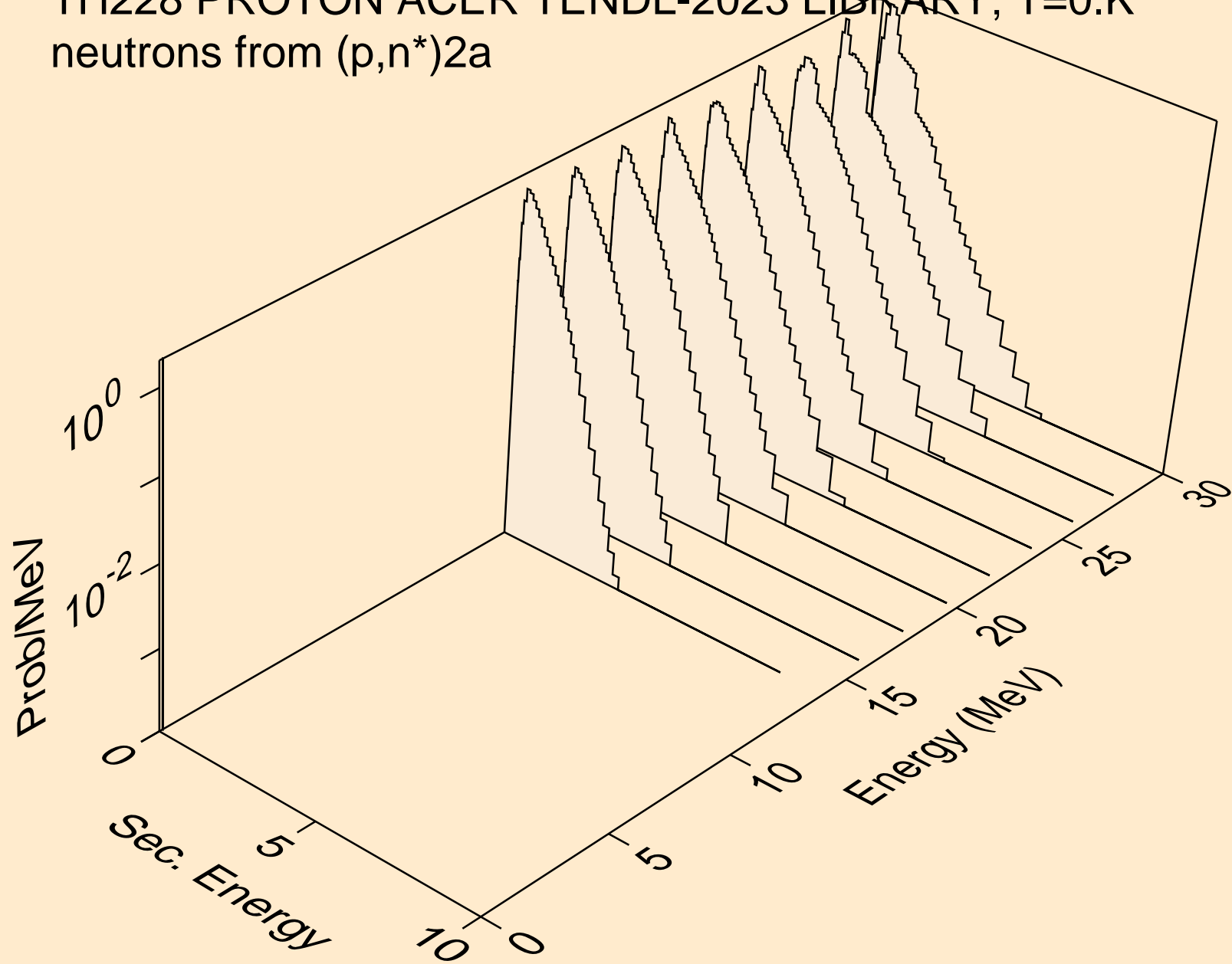
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neutrons from (p,3n)a



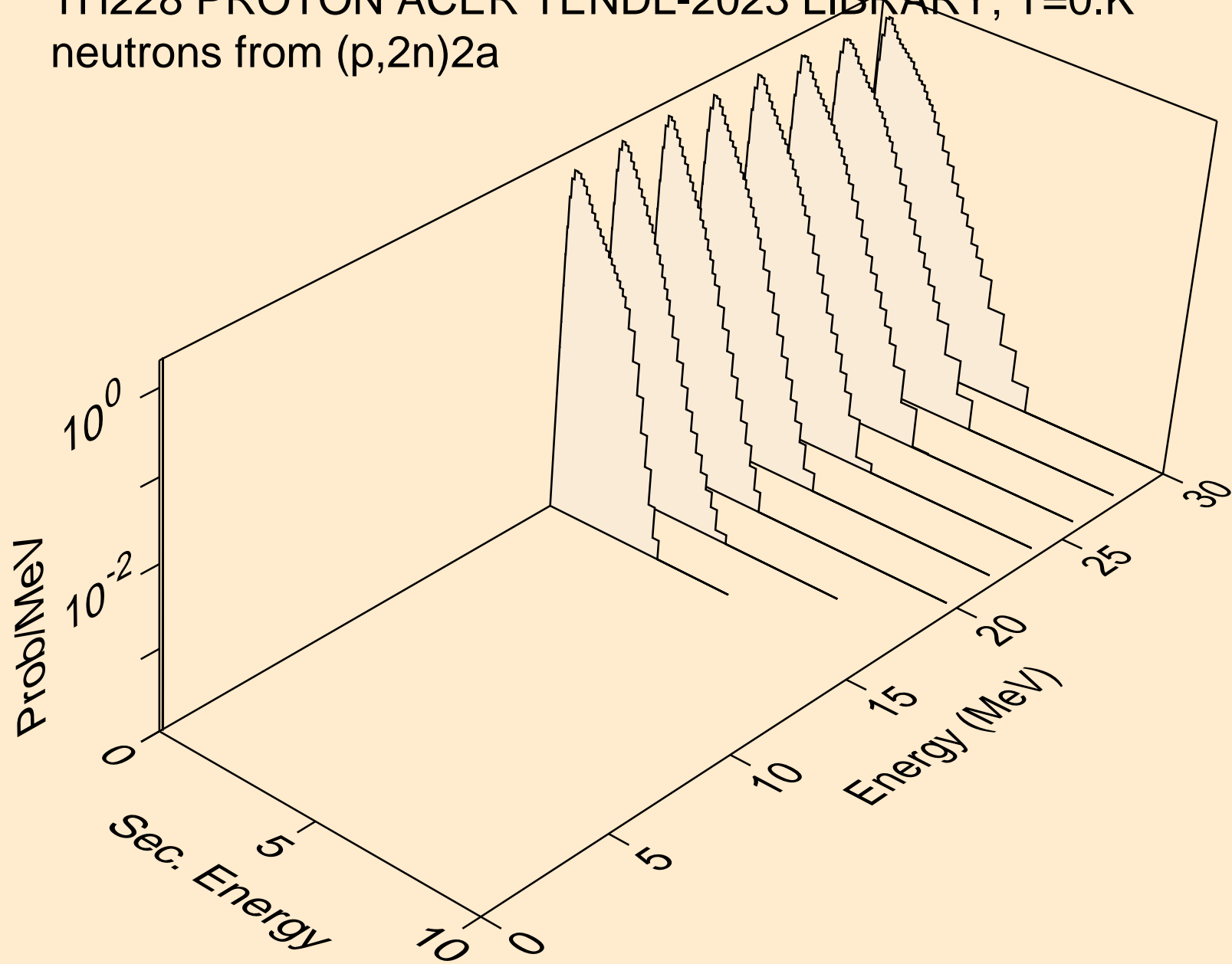
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neutrons from (p,n\*)p



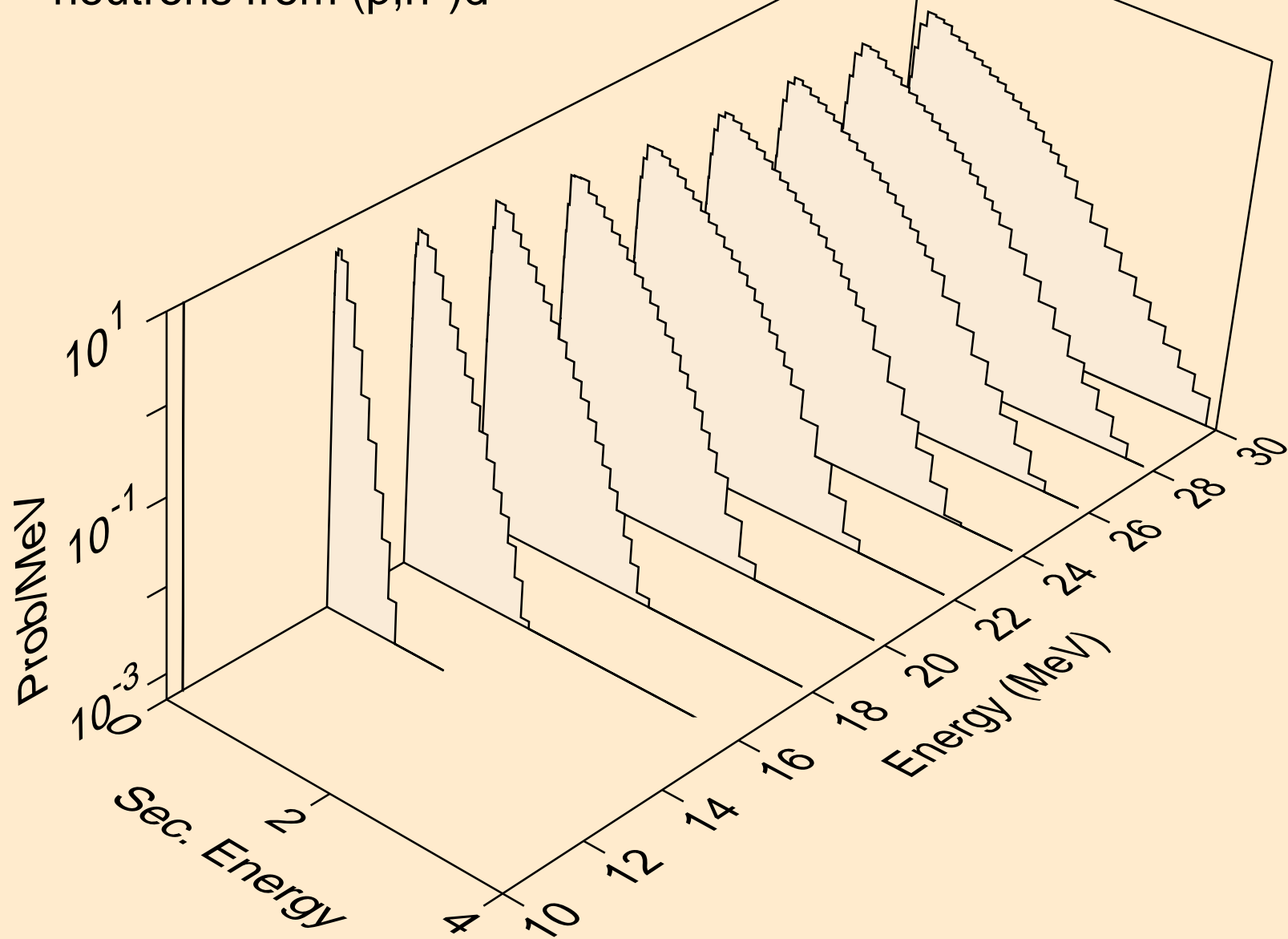
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)2a

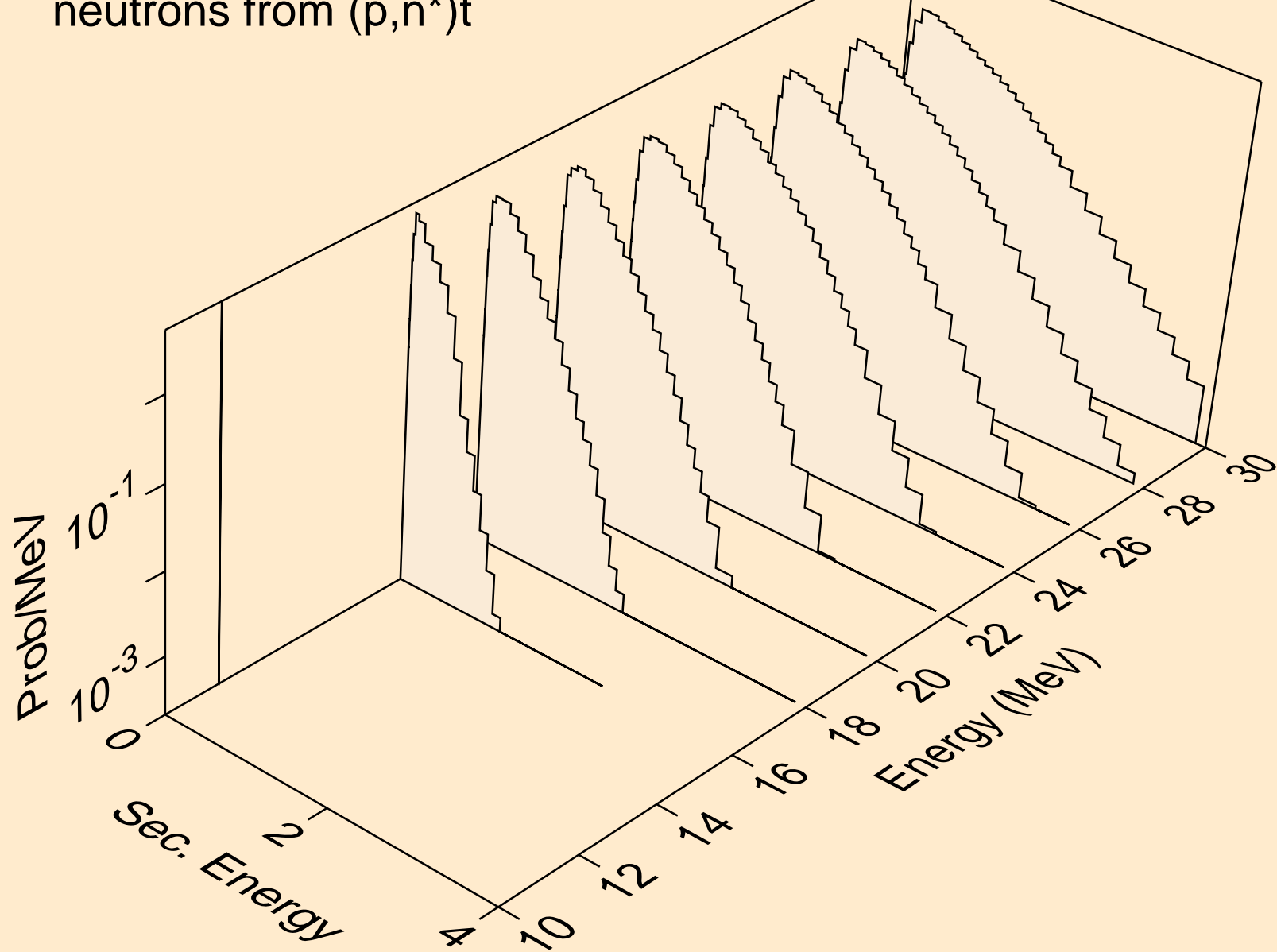


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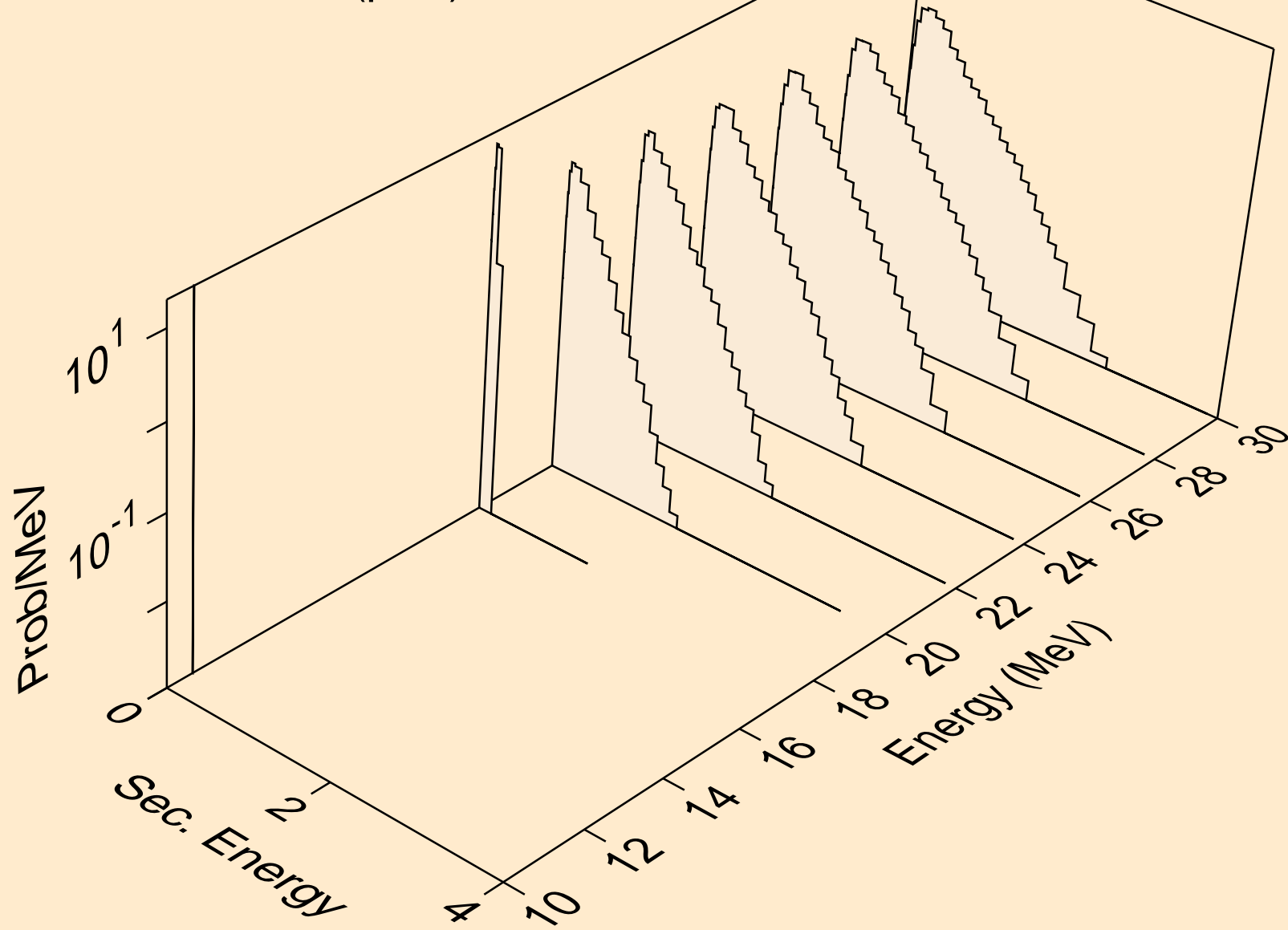




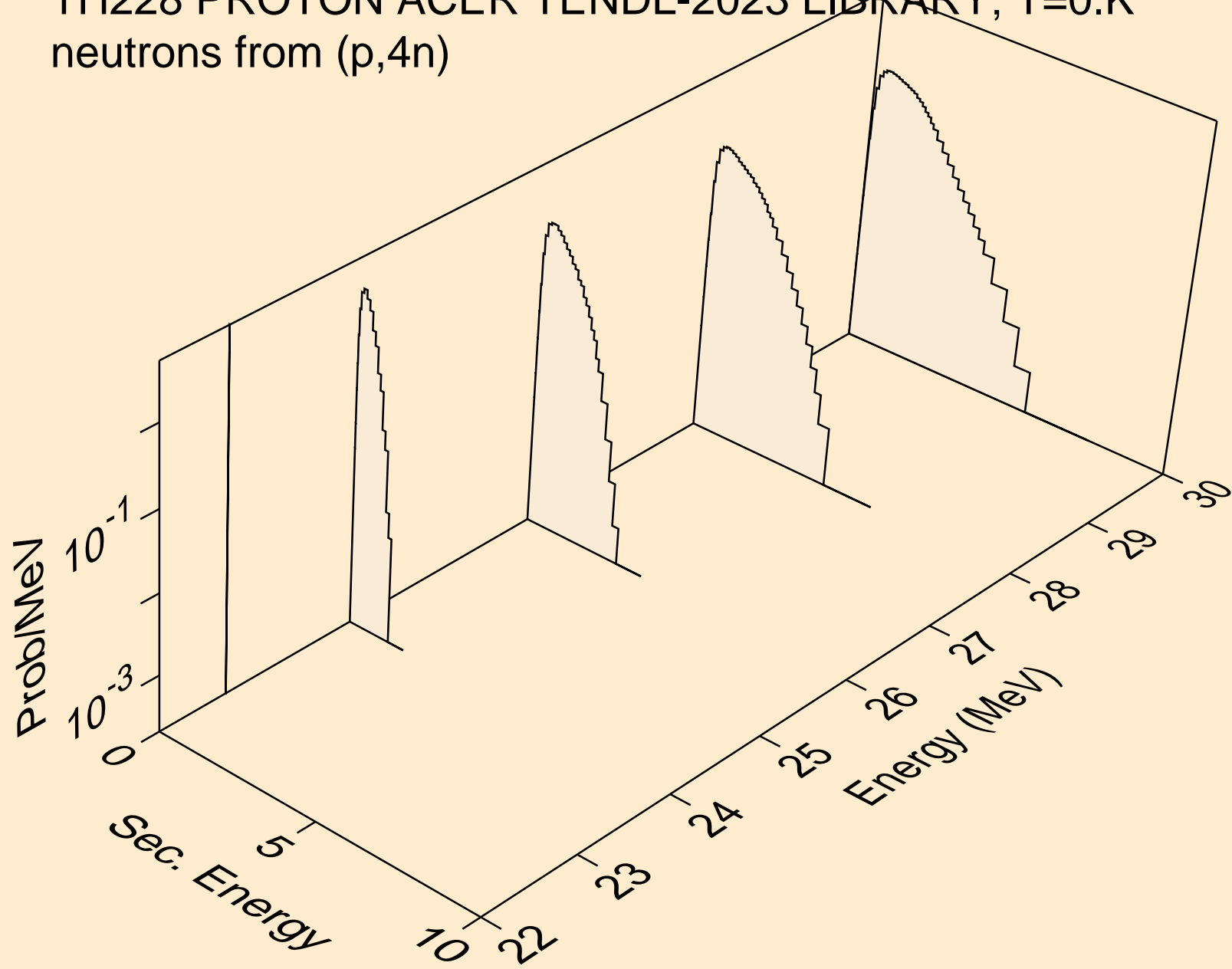
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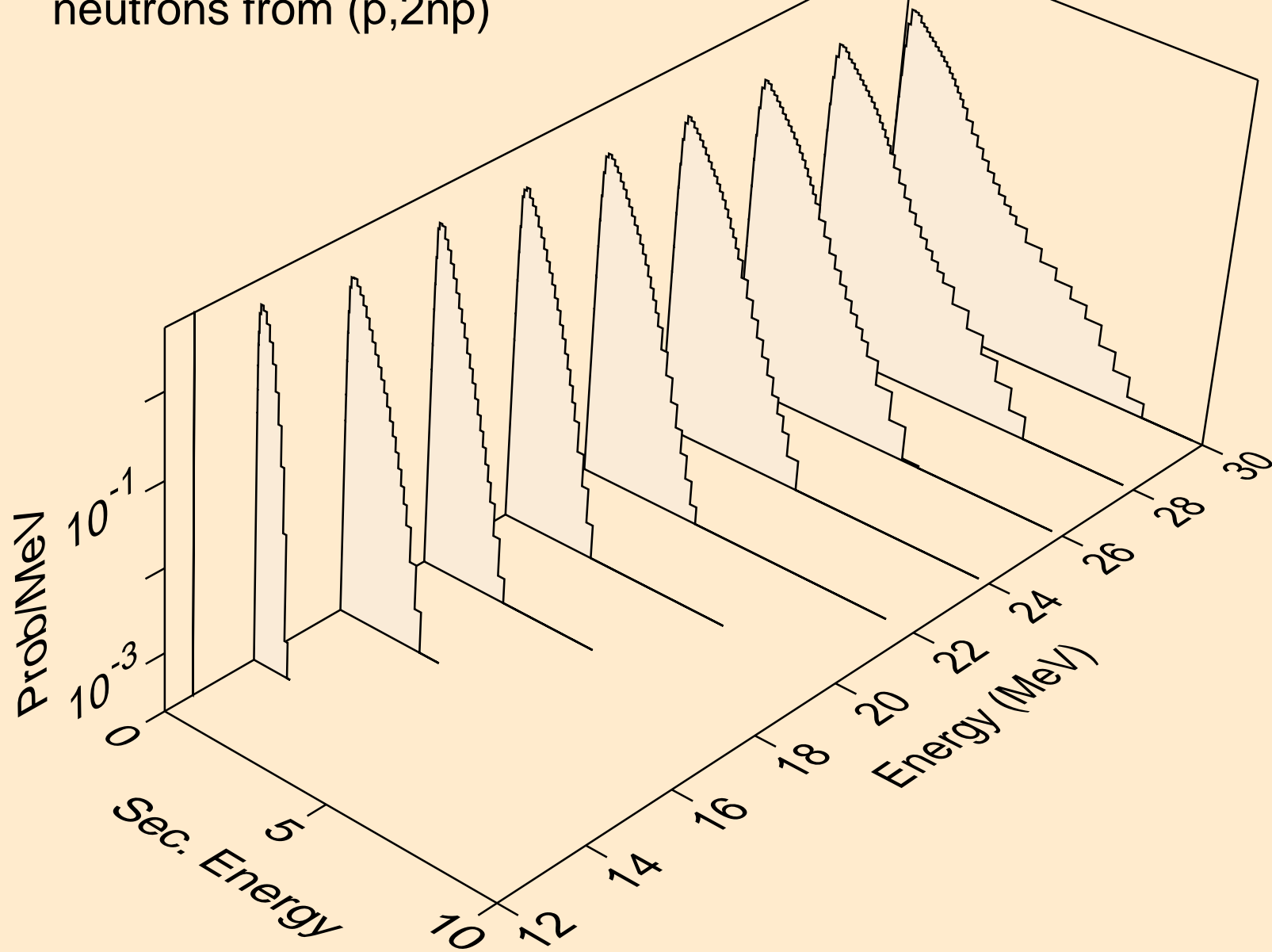
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



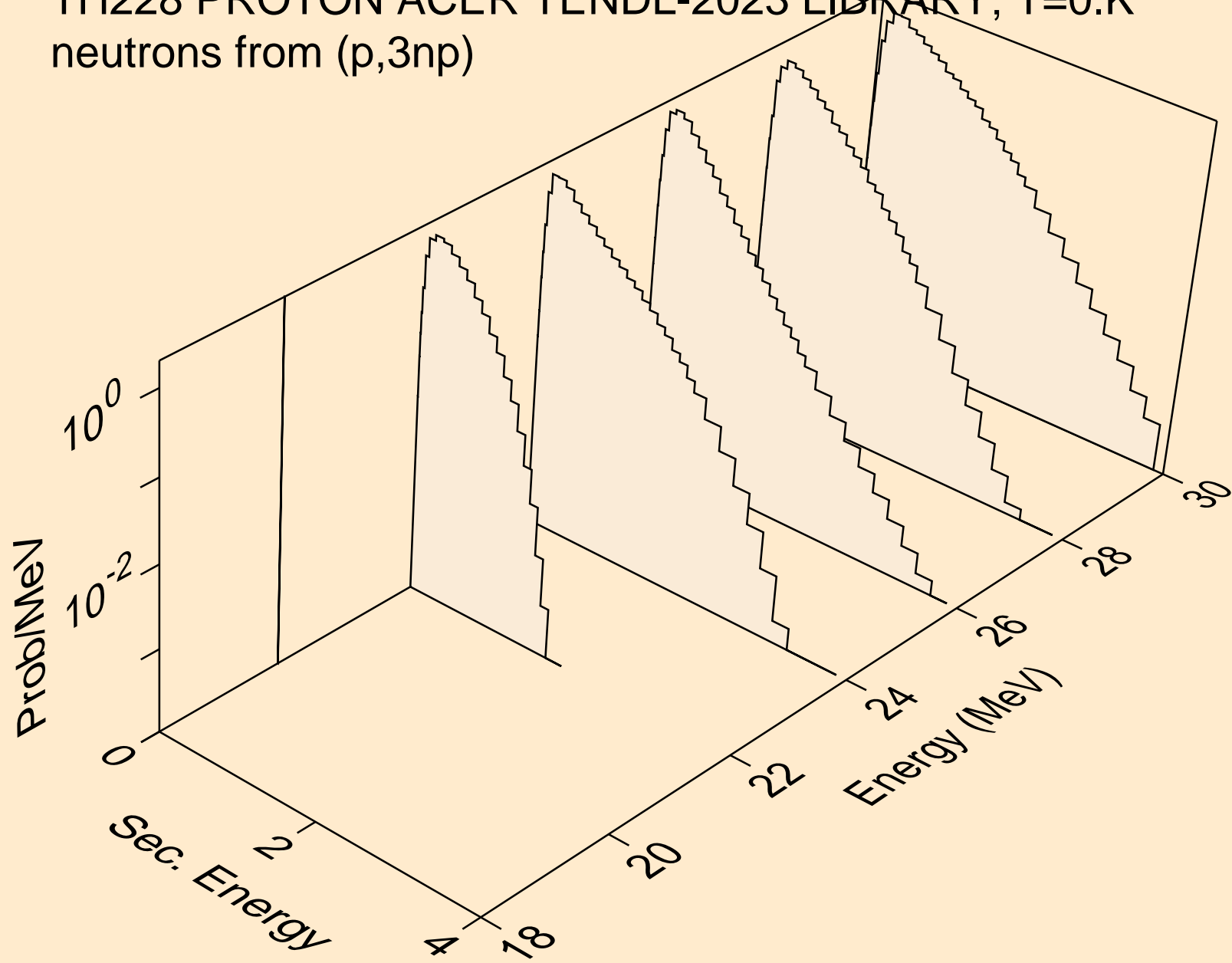
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



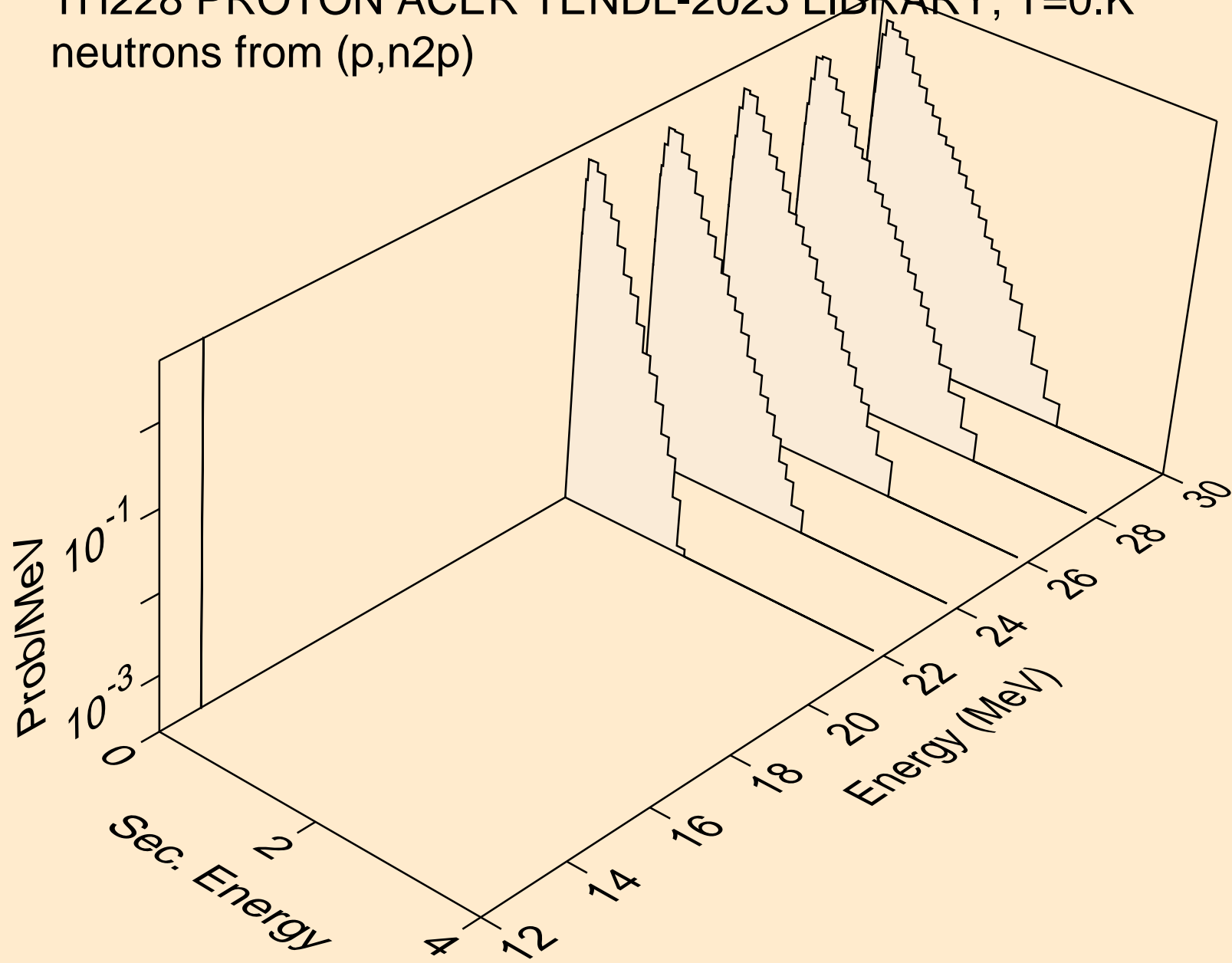
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



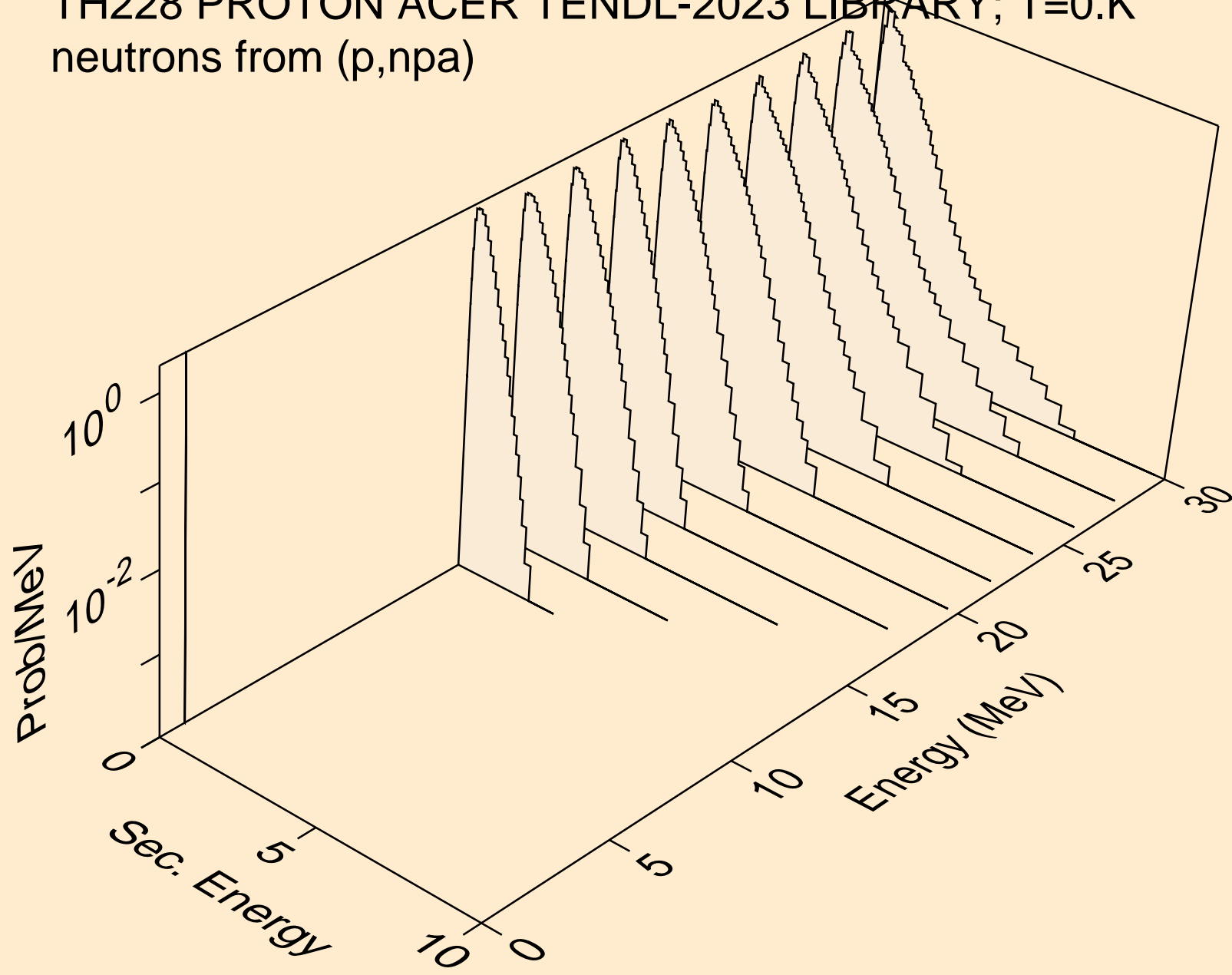
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



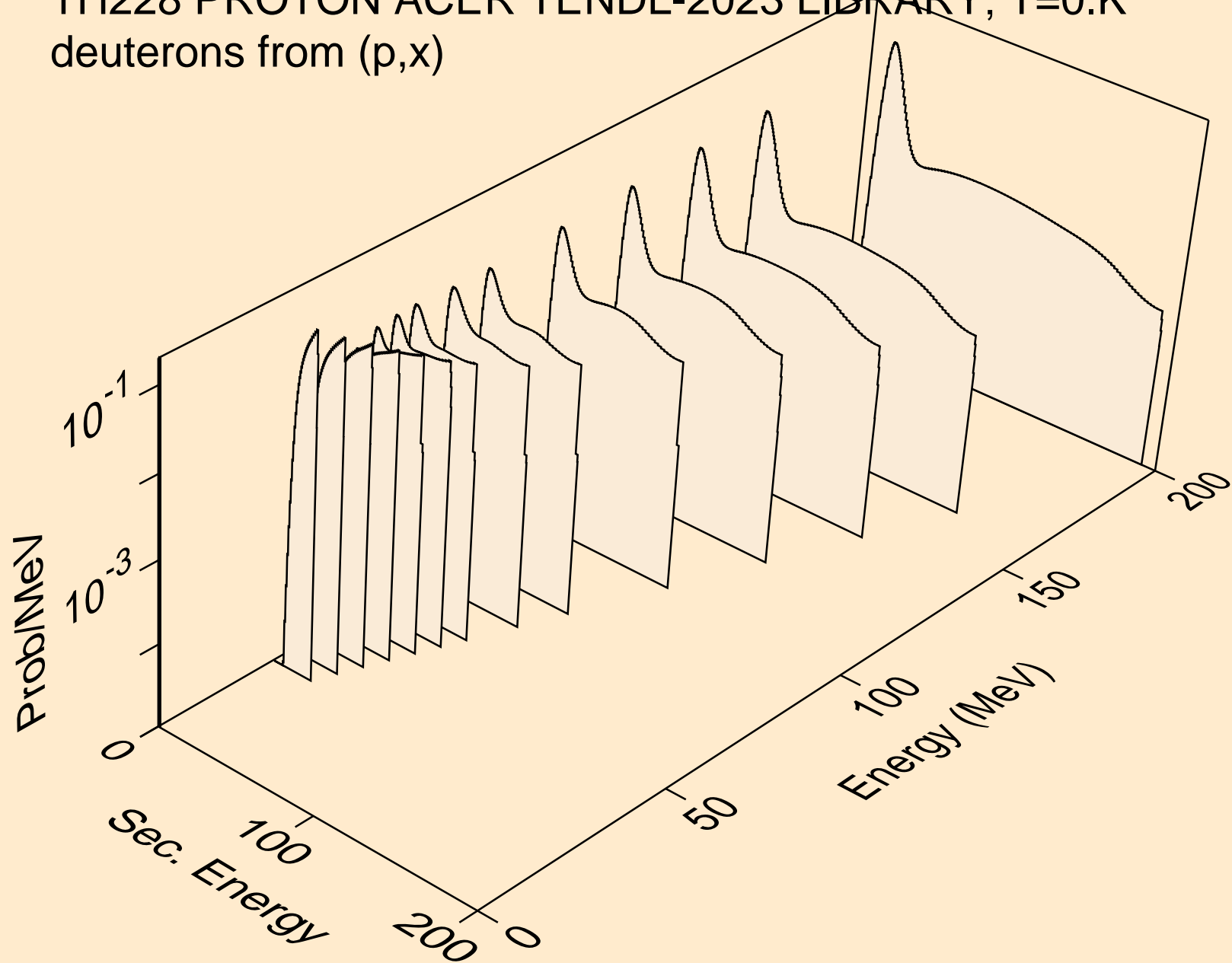
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)

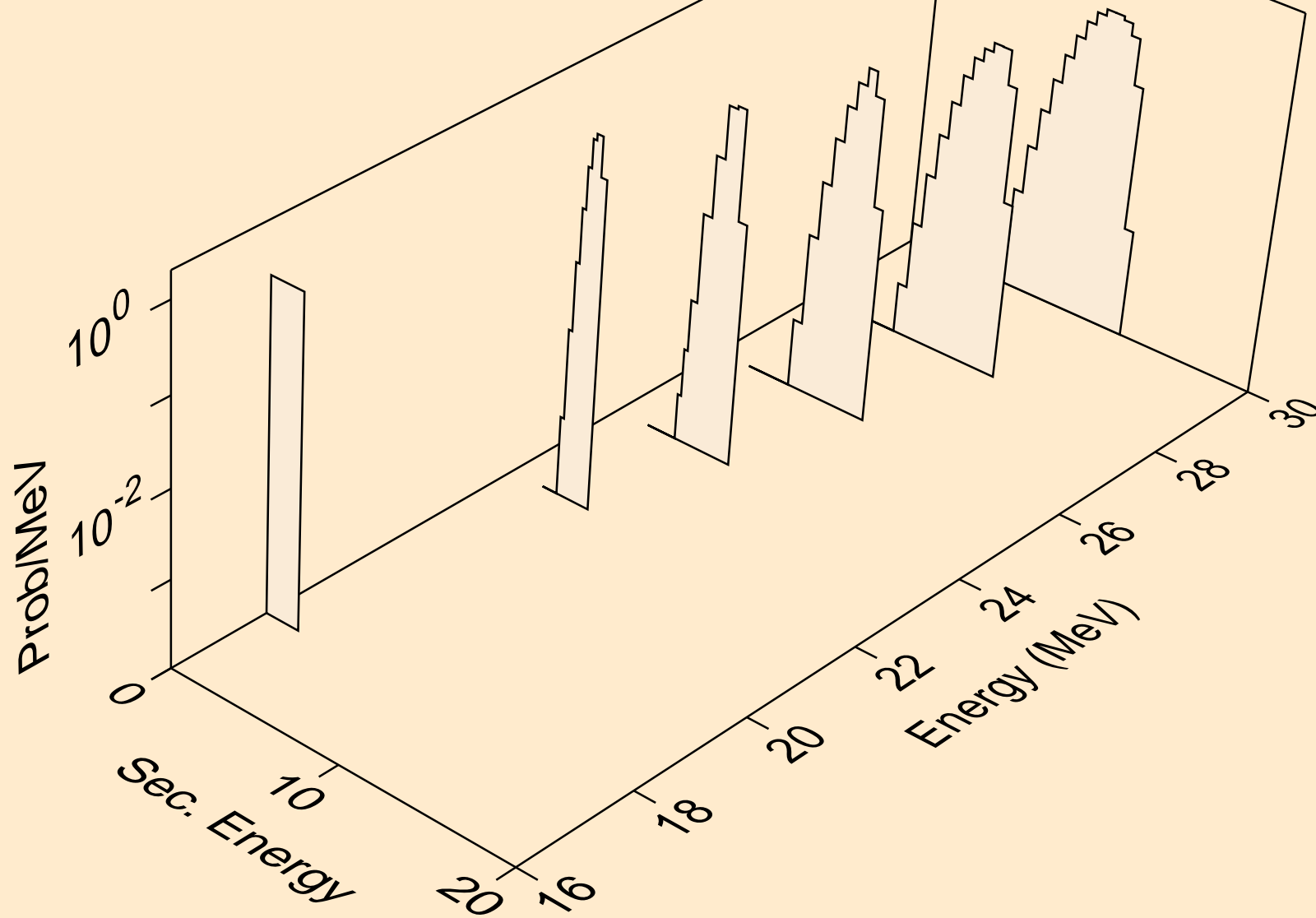


TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

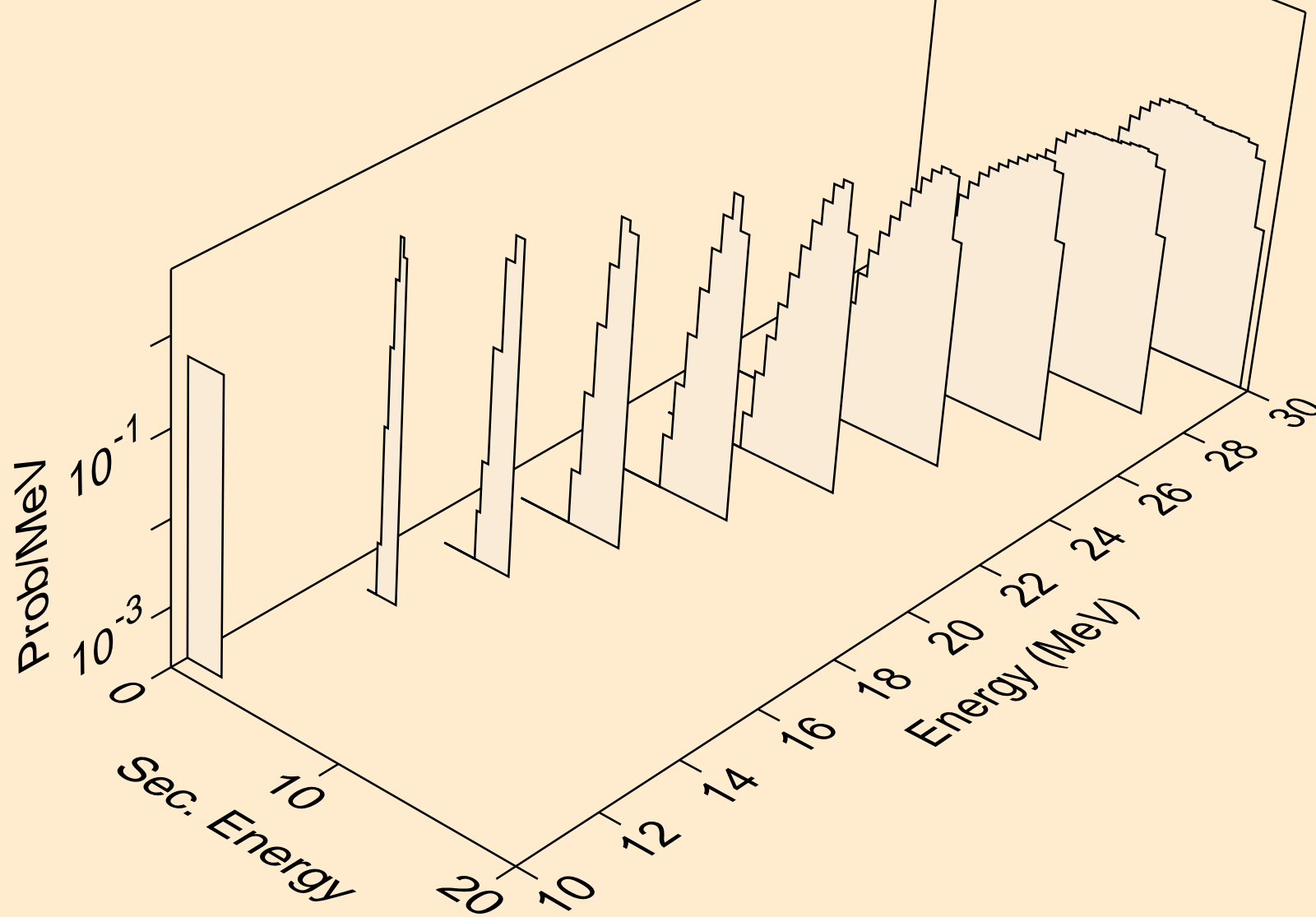




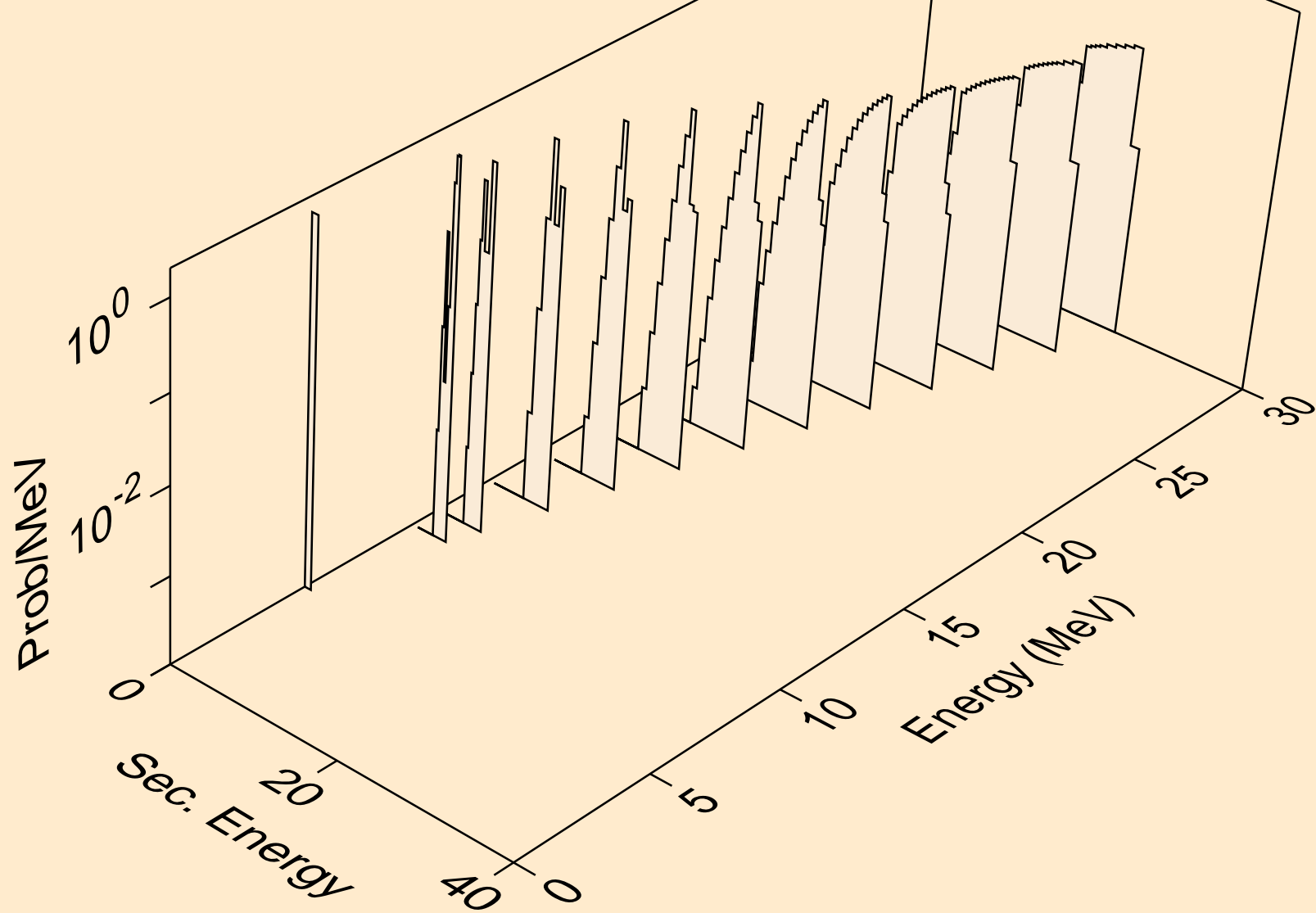
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



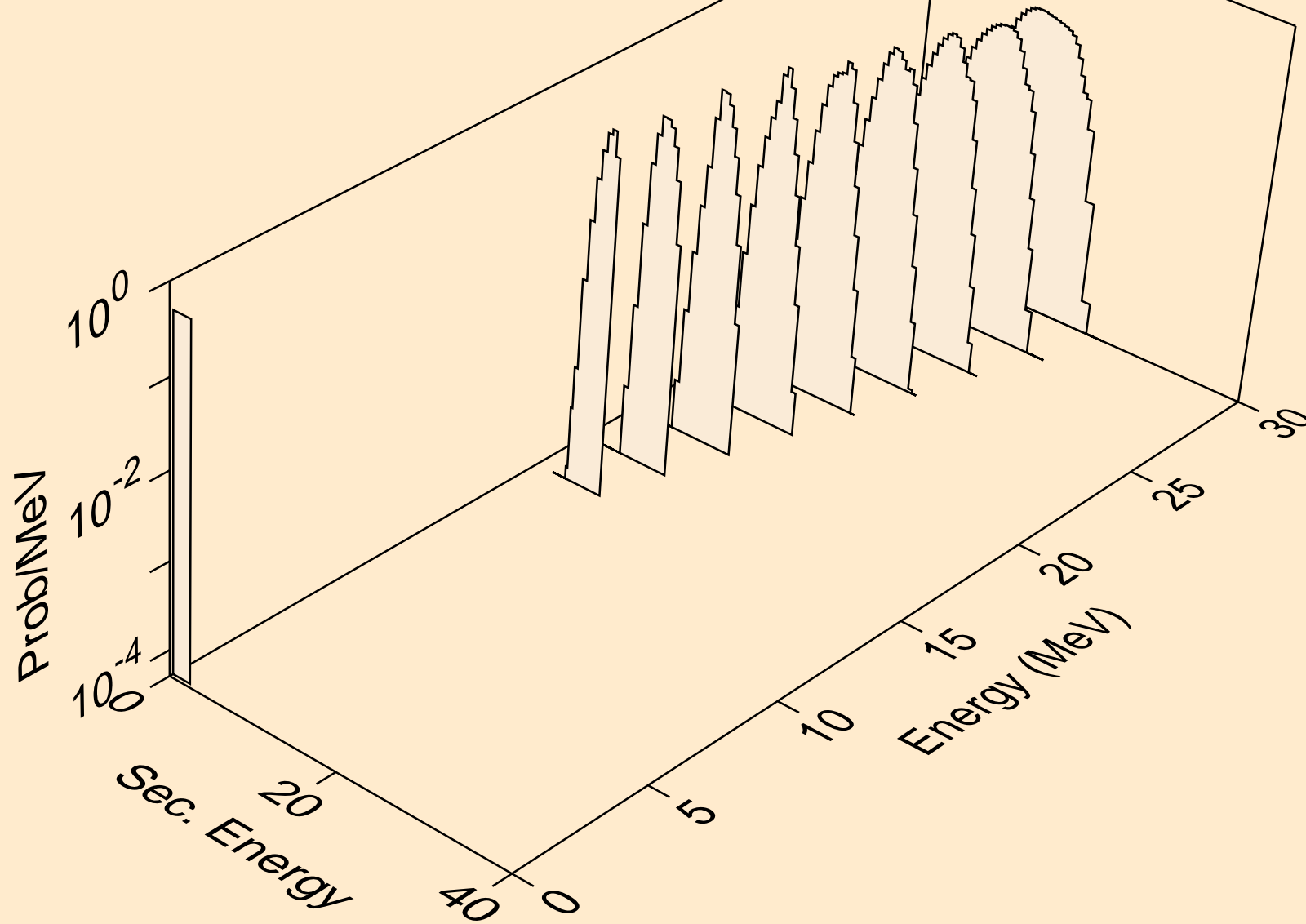
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



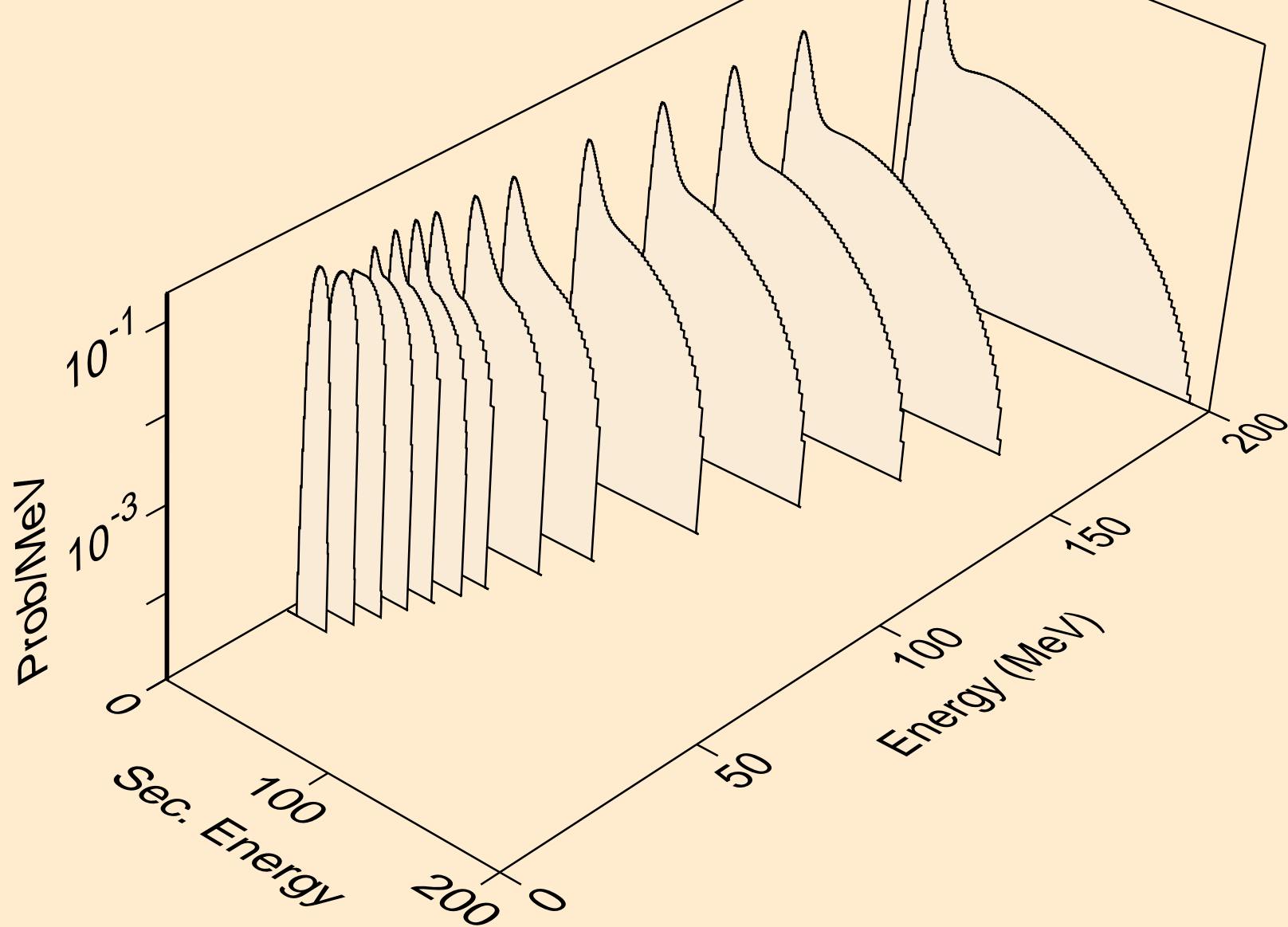
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



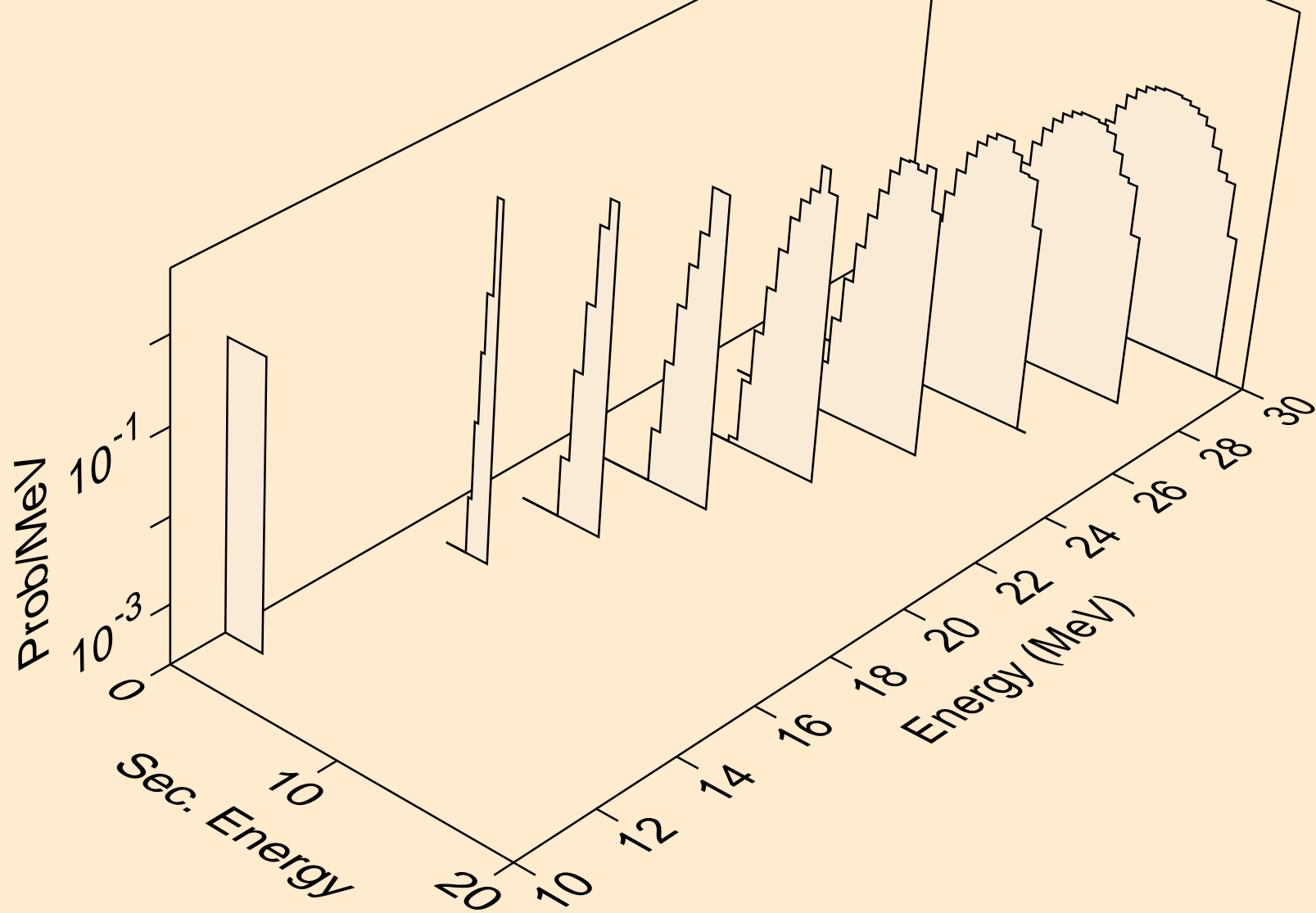
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



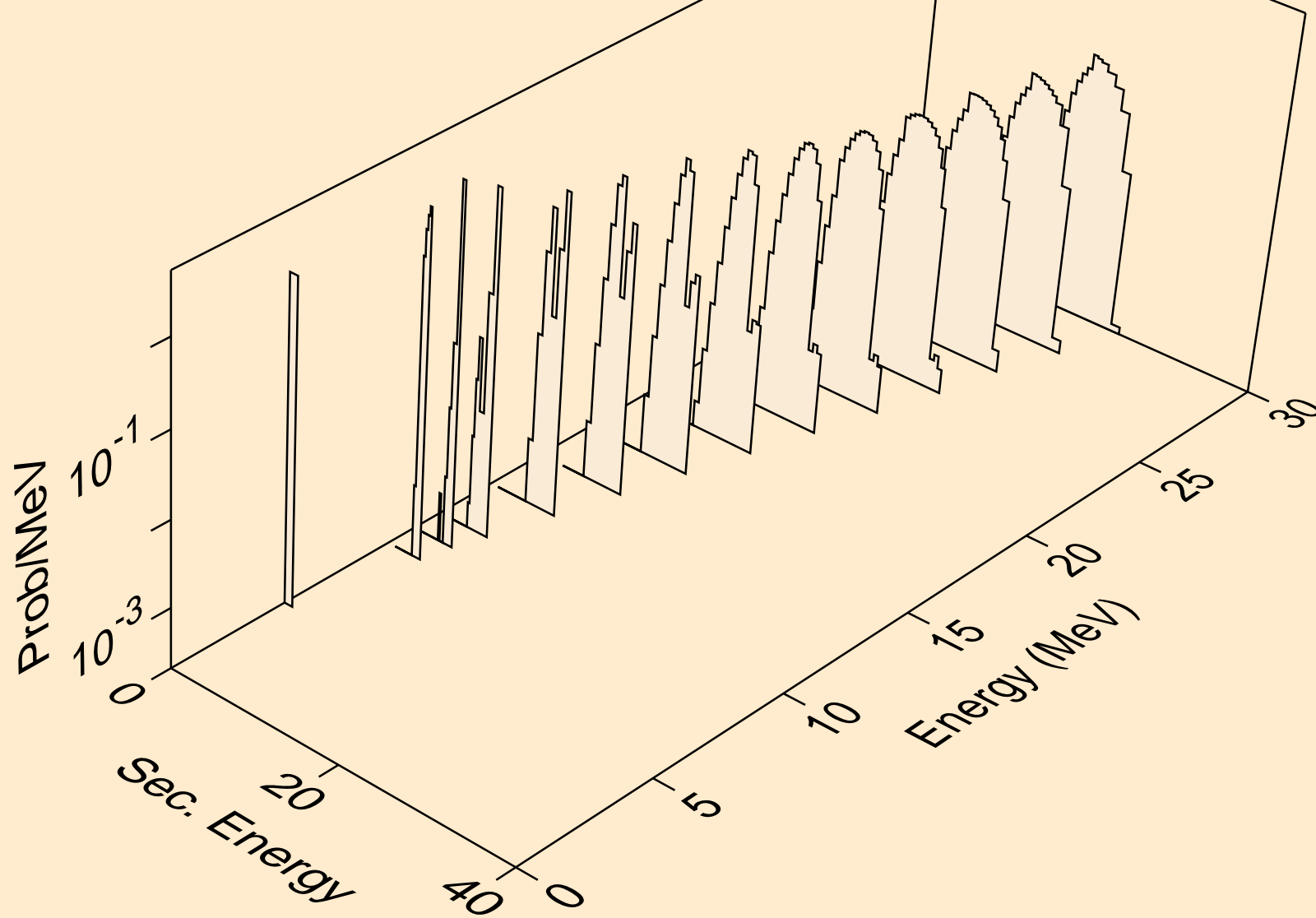
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



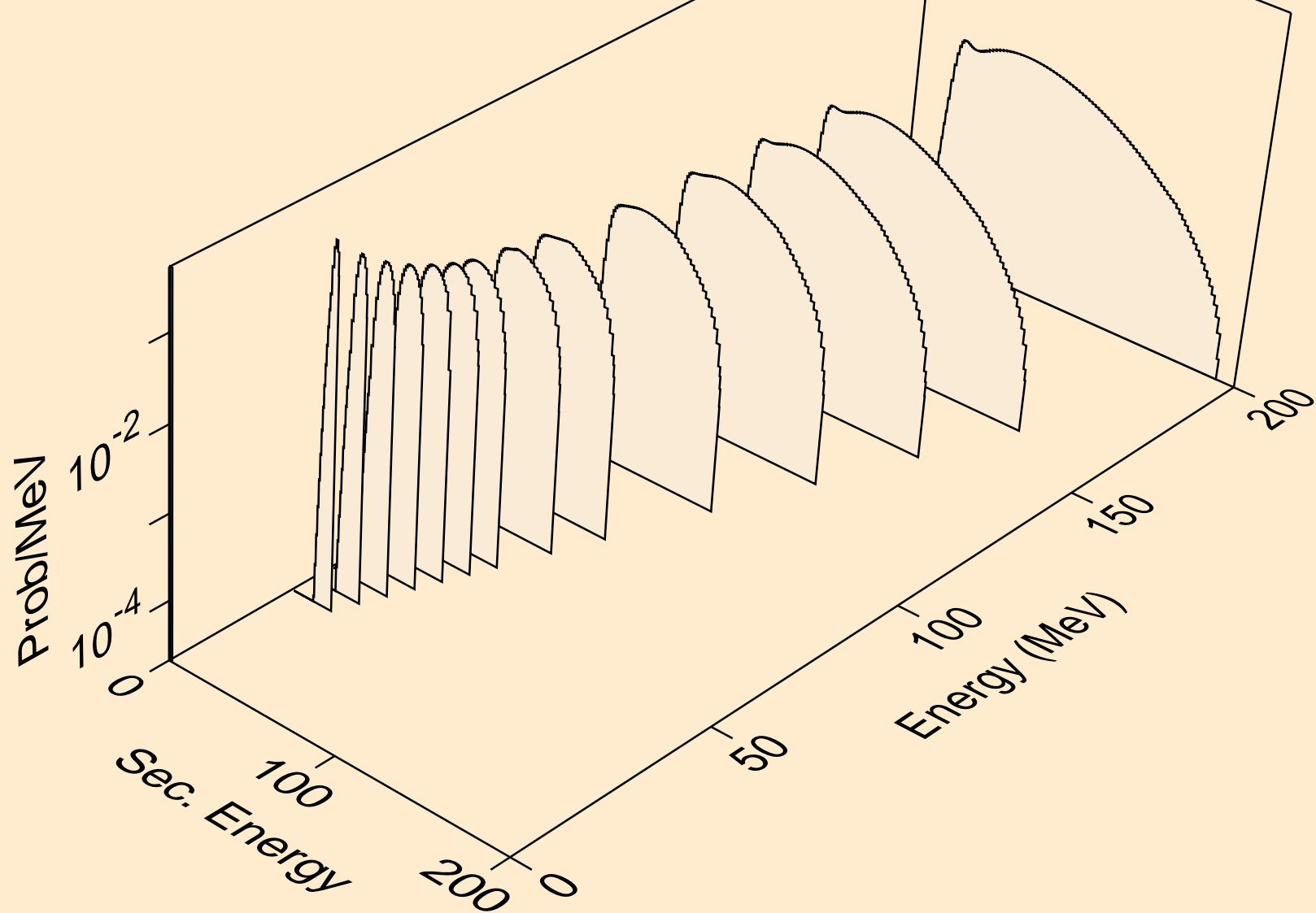
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

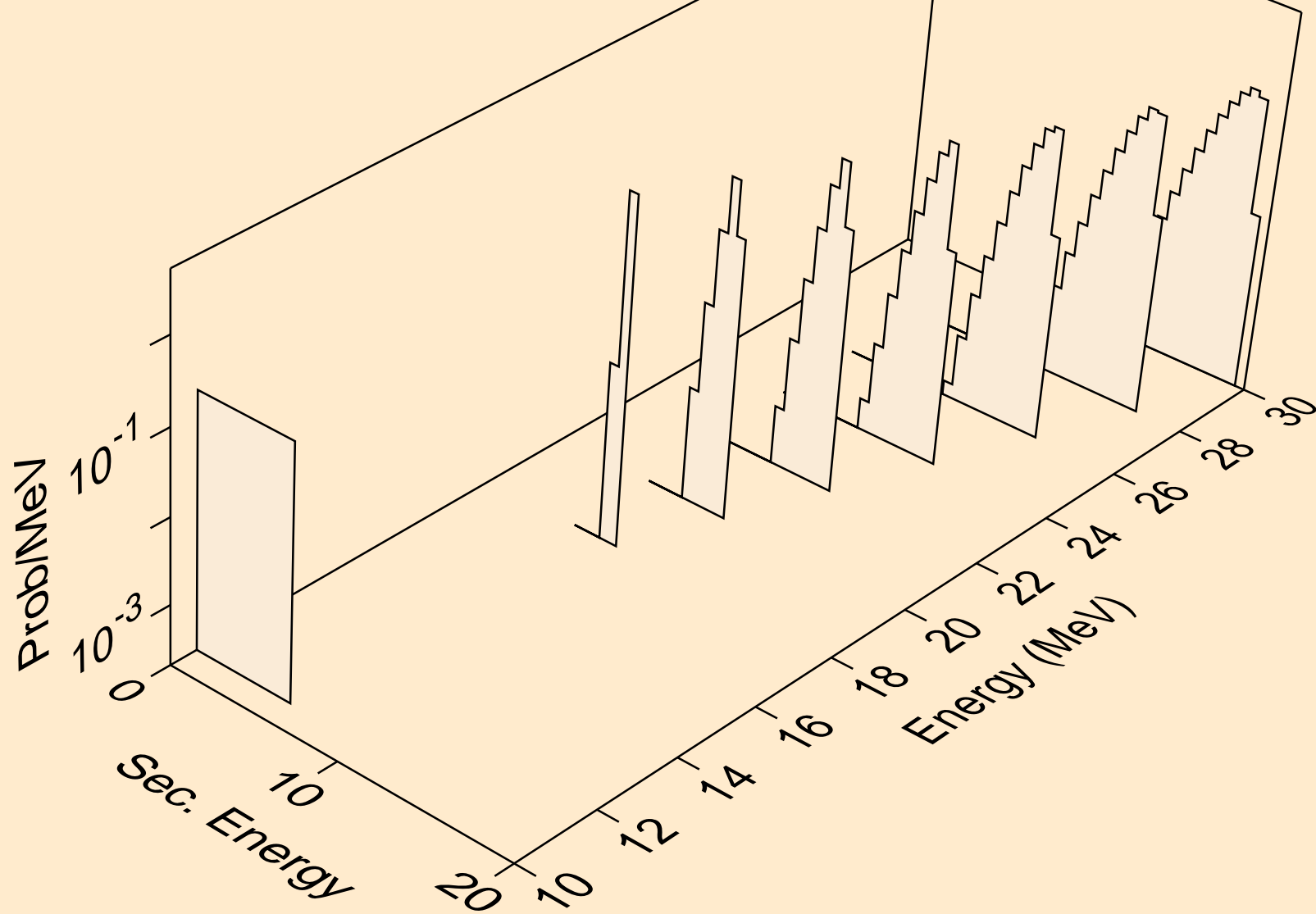


TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

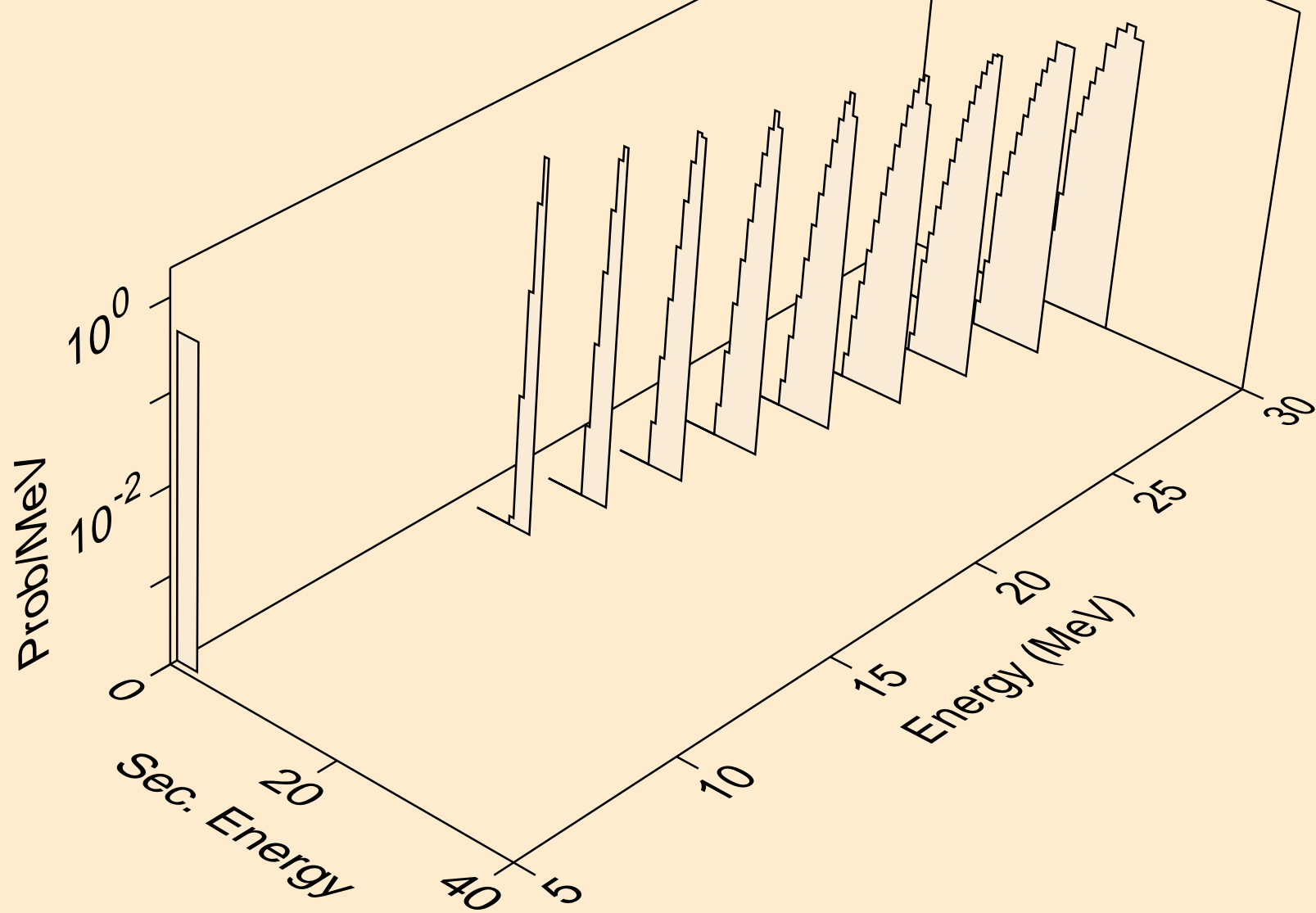




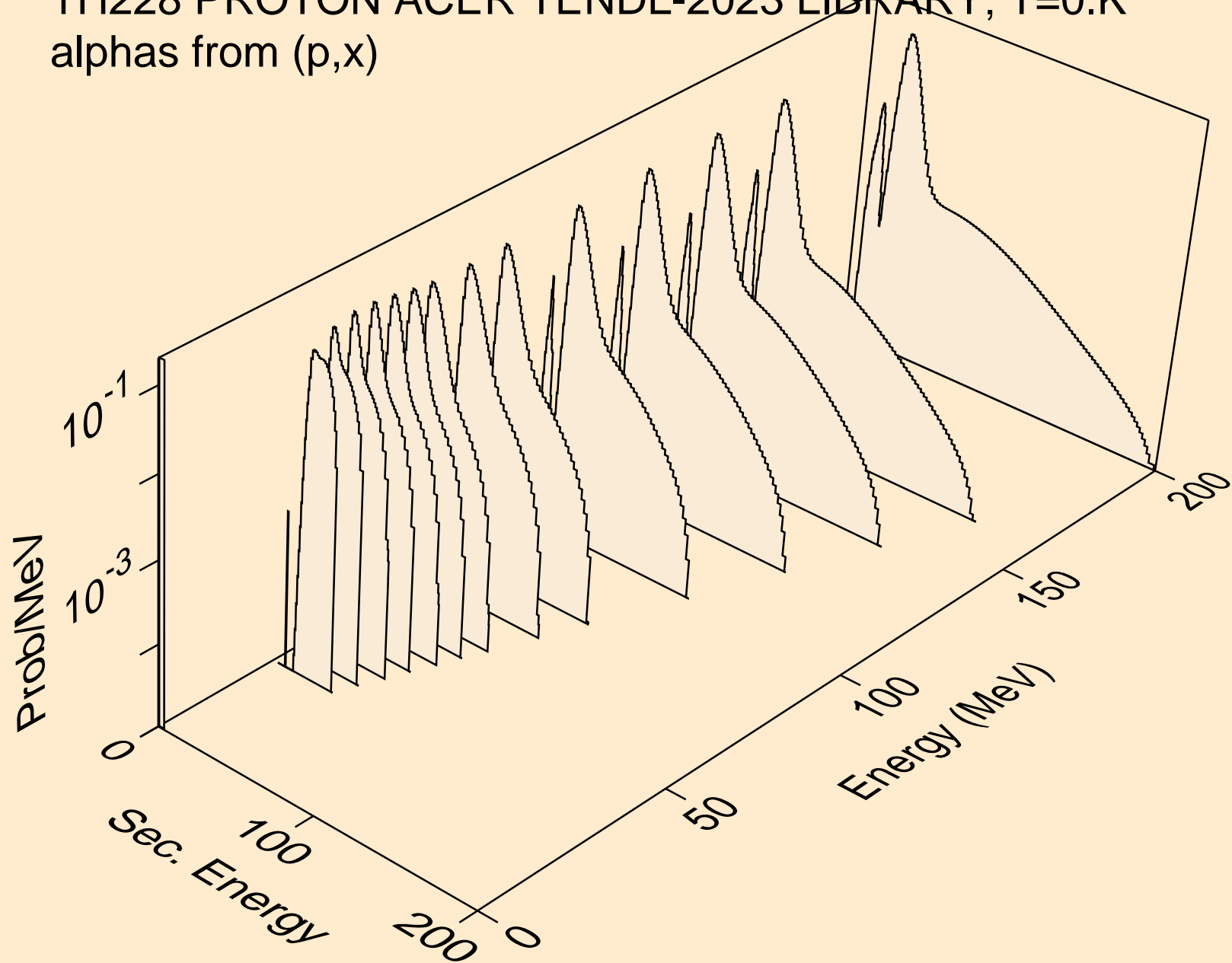
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



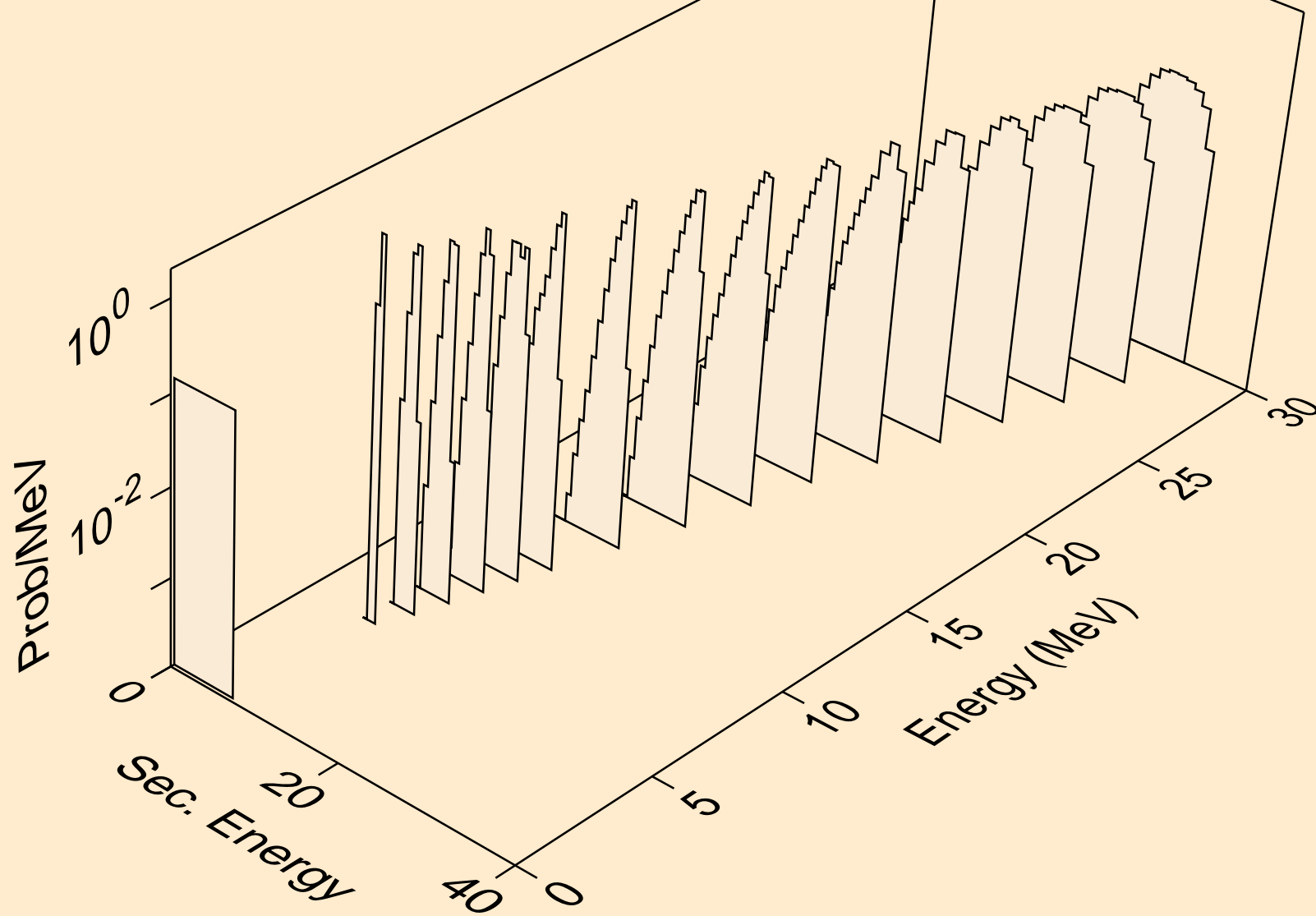
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



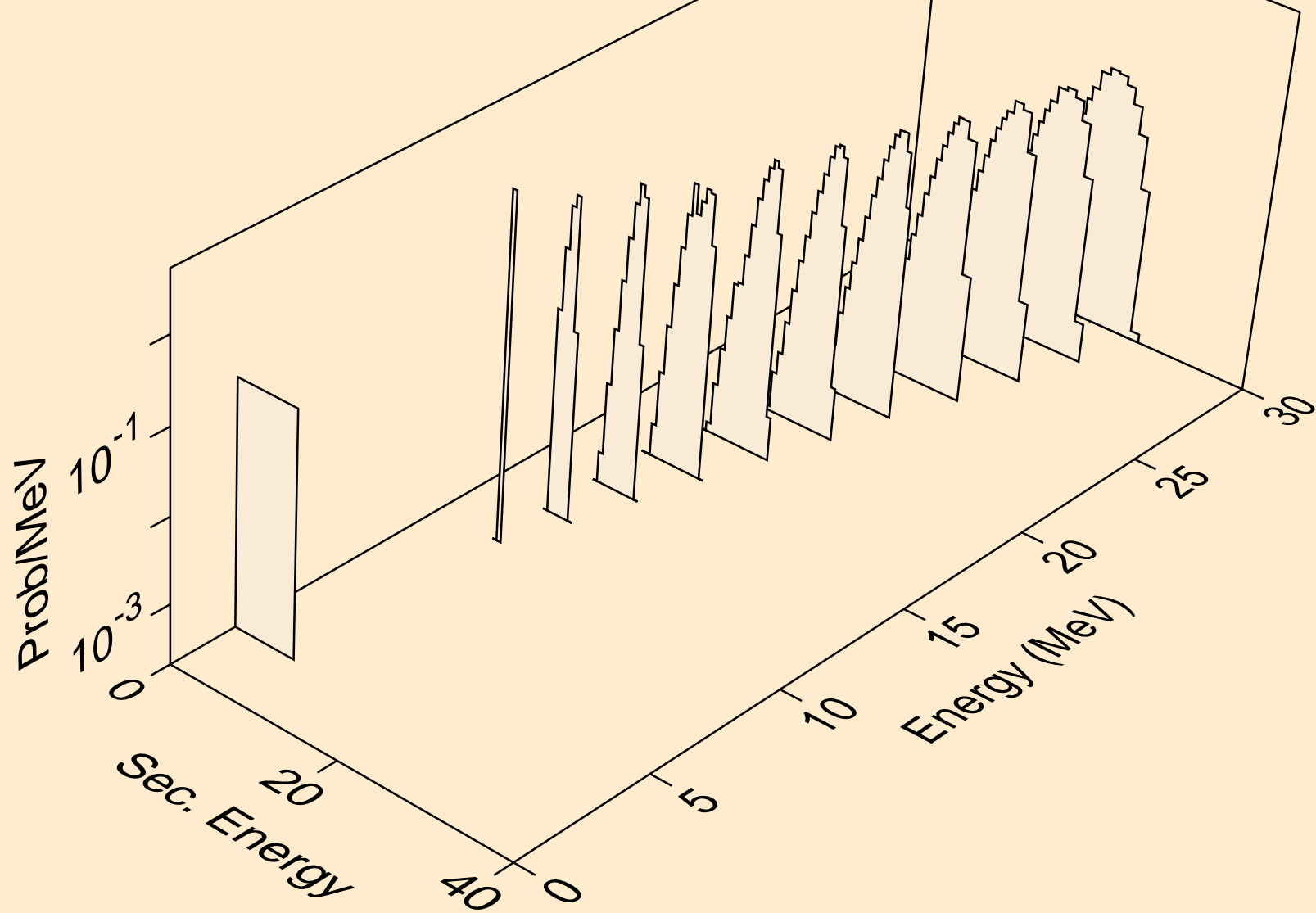
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



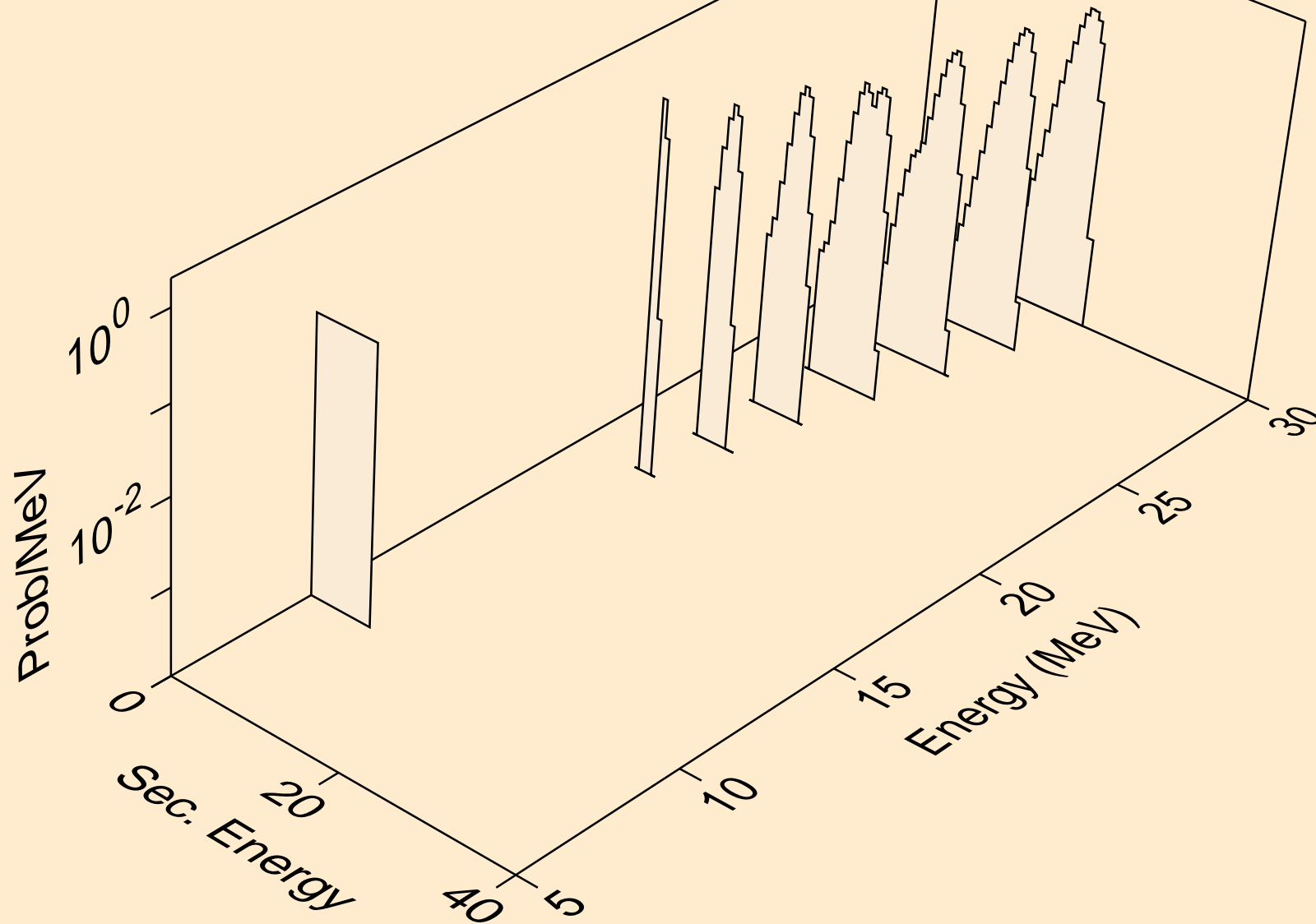
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



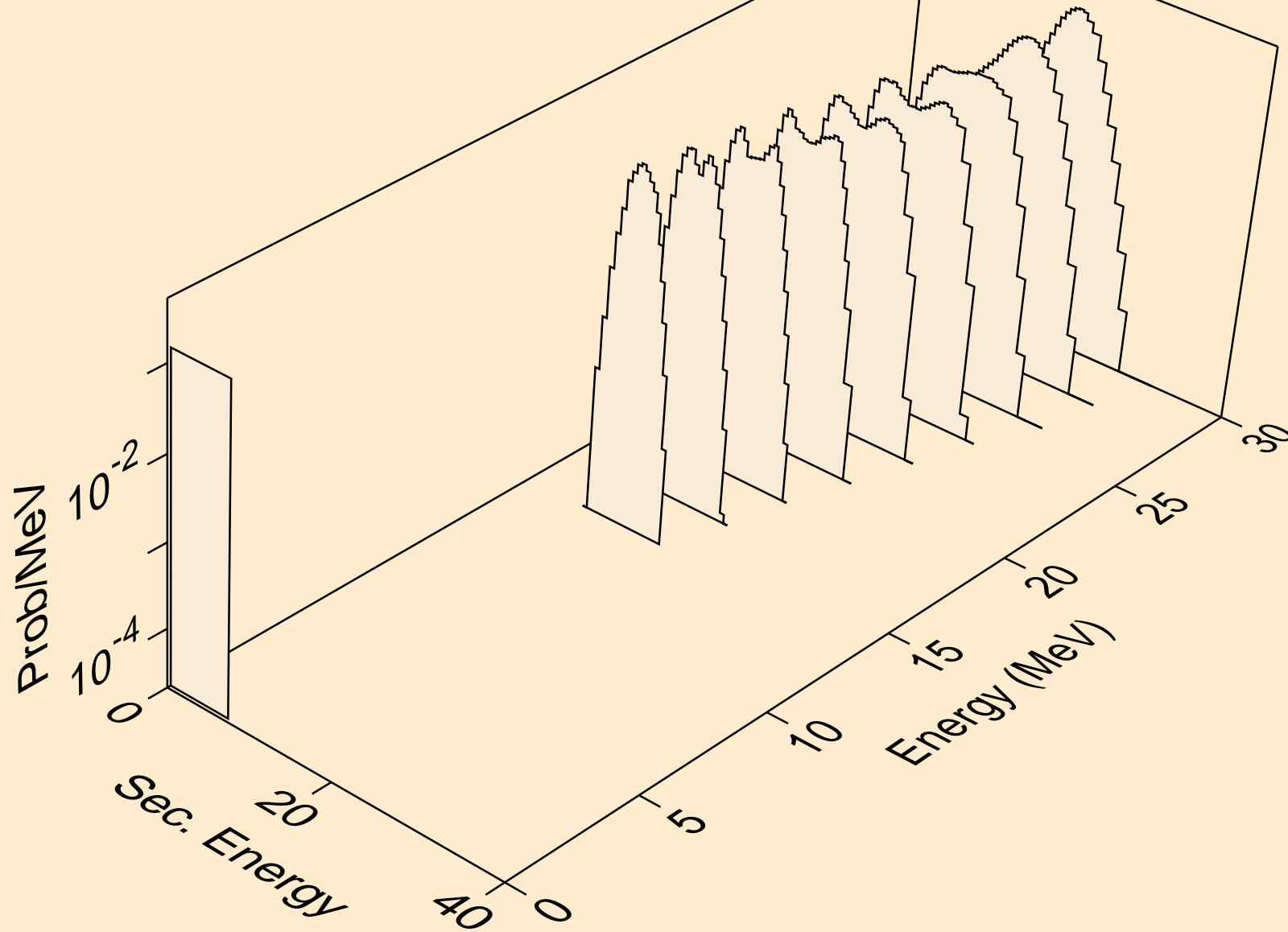
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



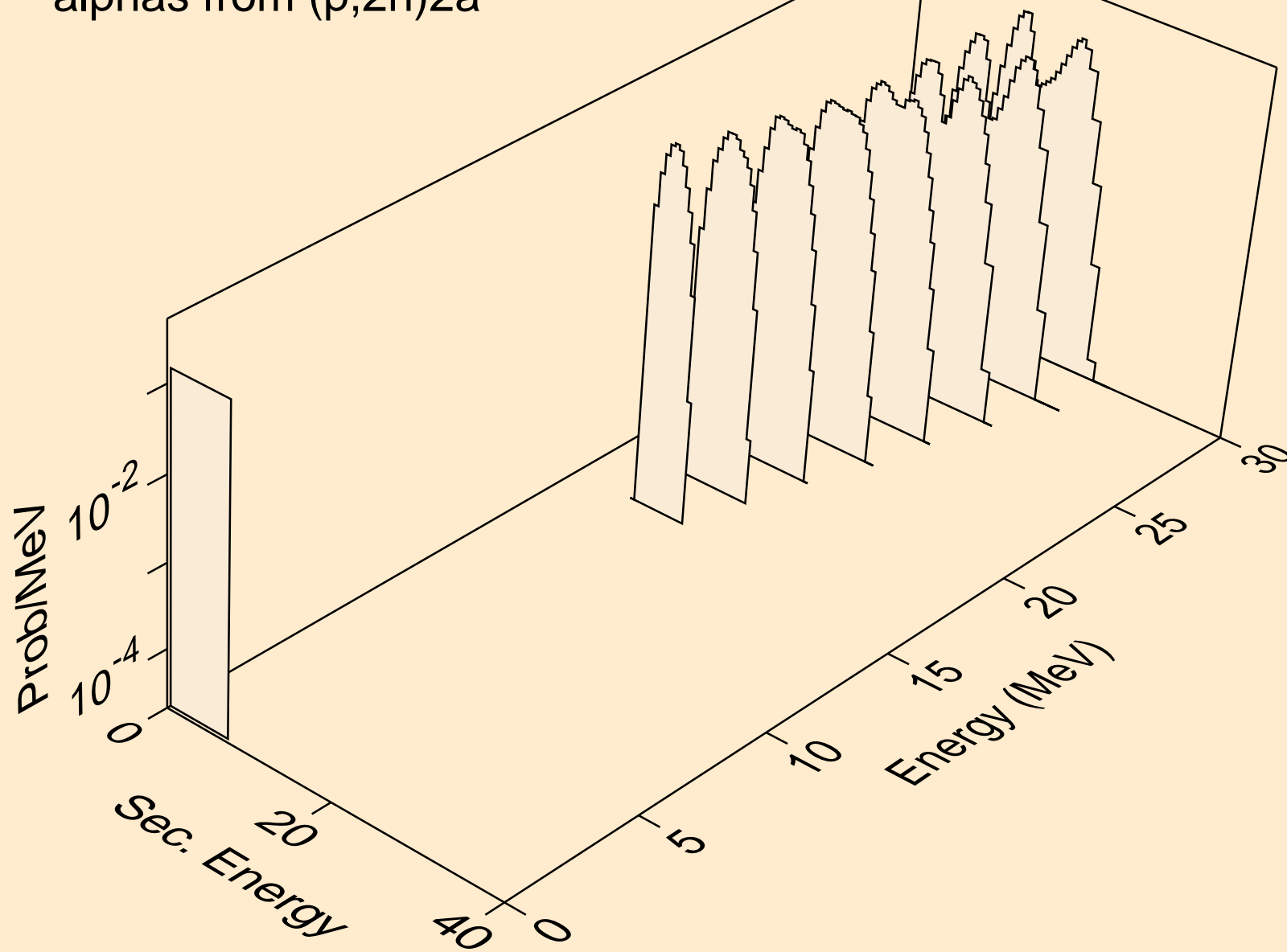
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a

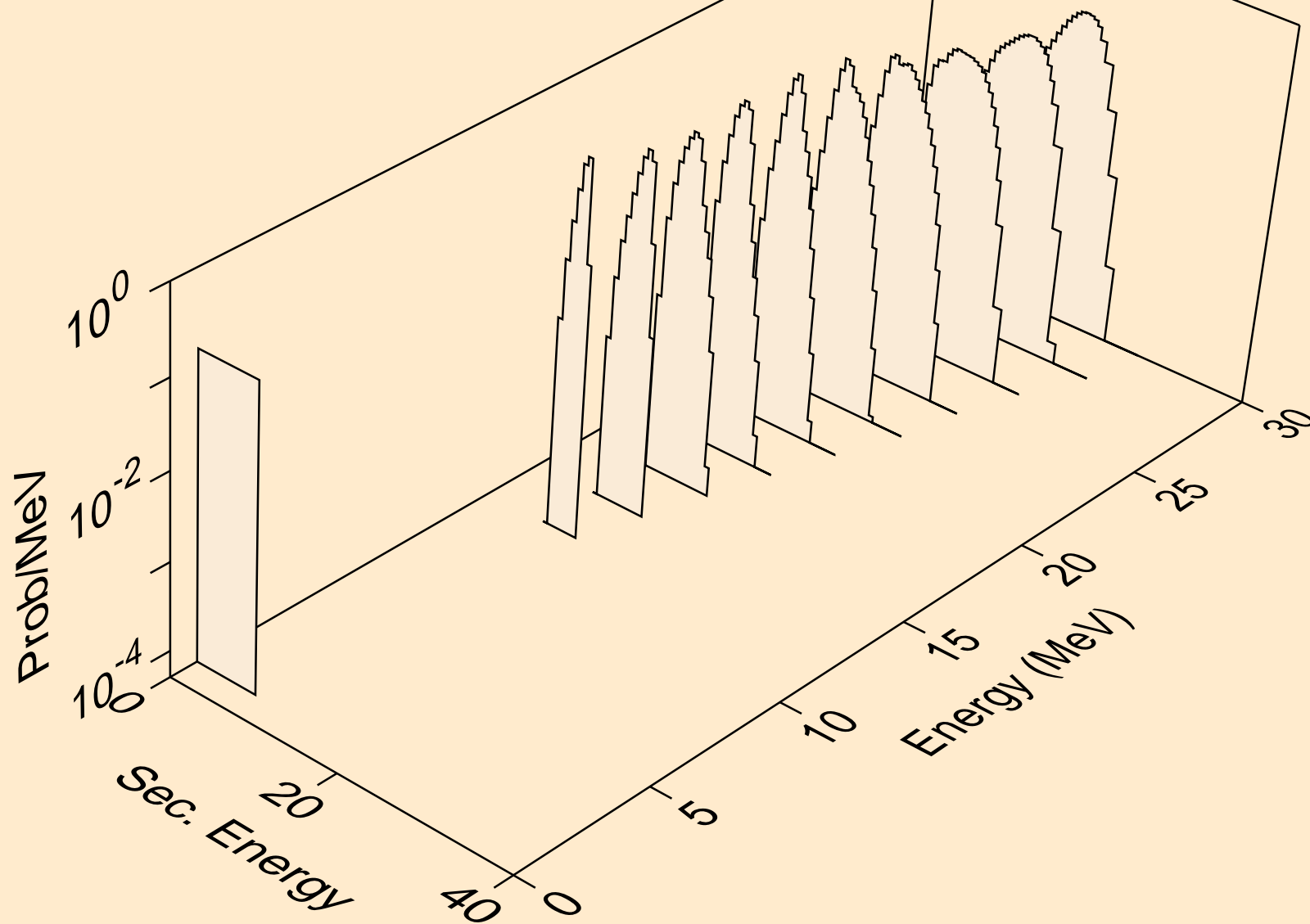


TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)2a

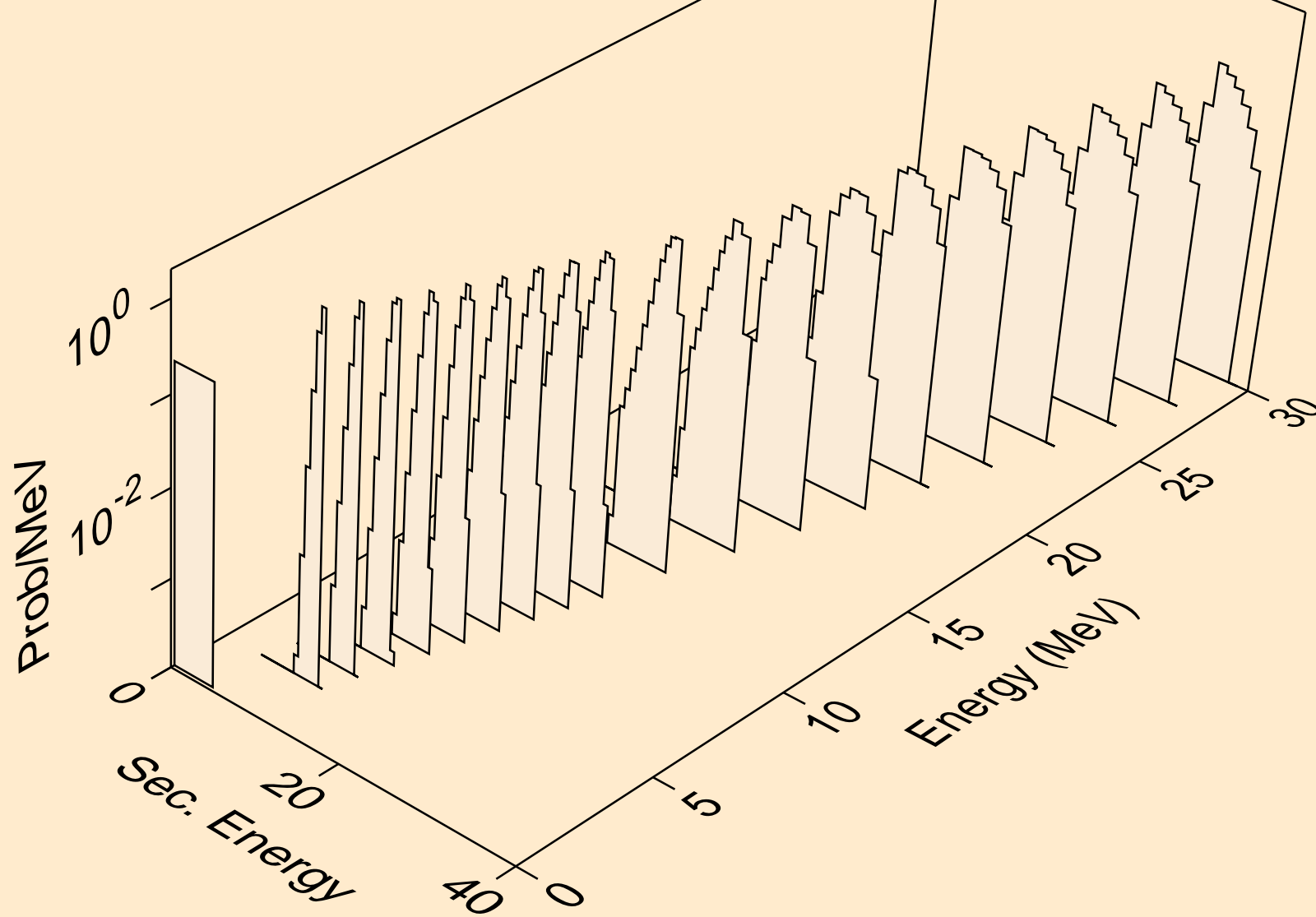




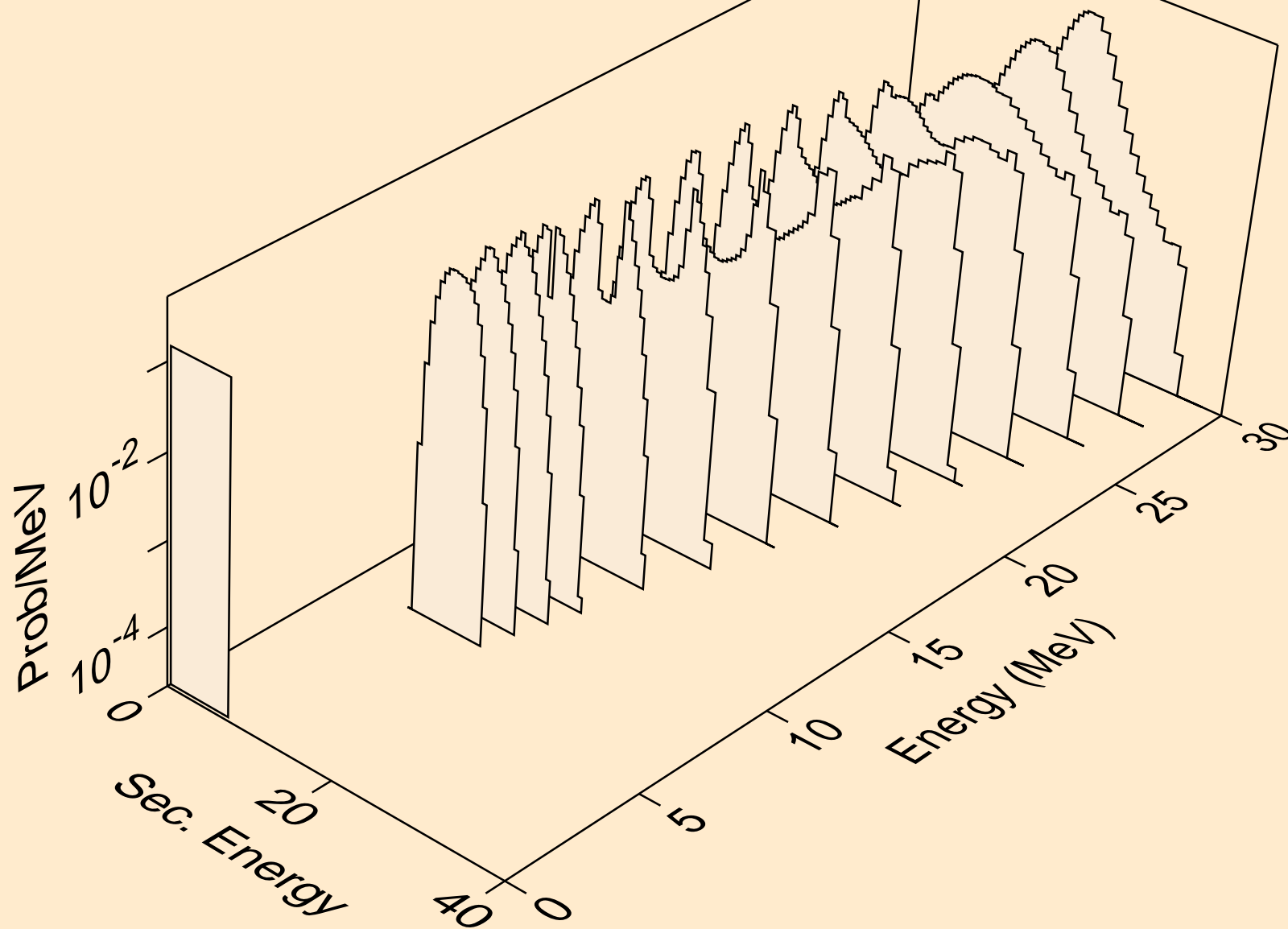
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



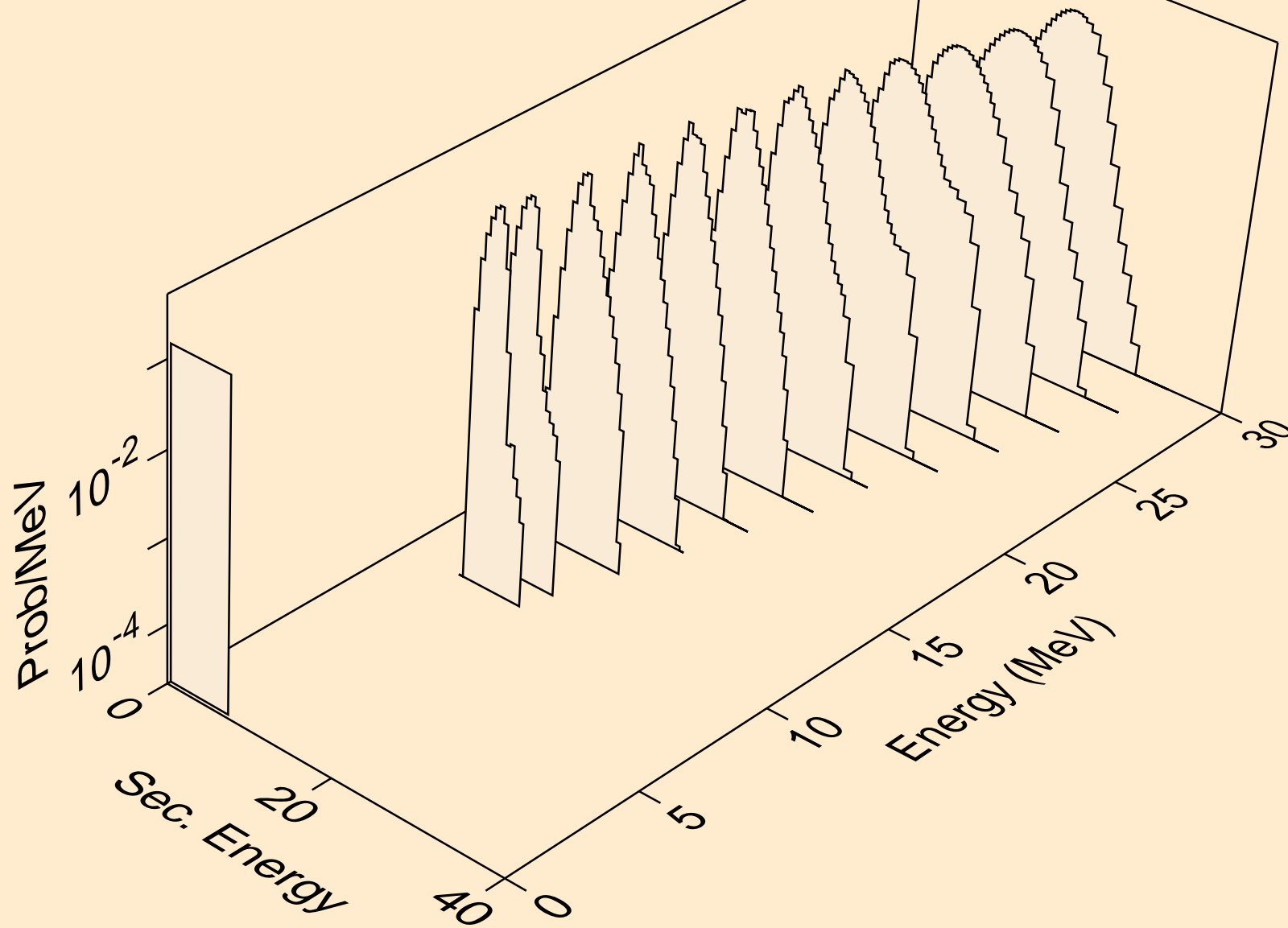
TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



TH228 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

