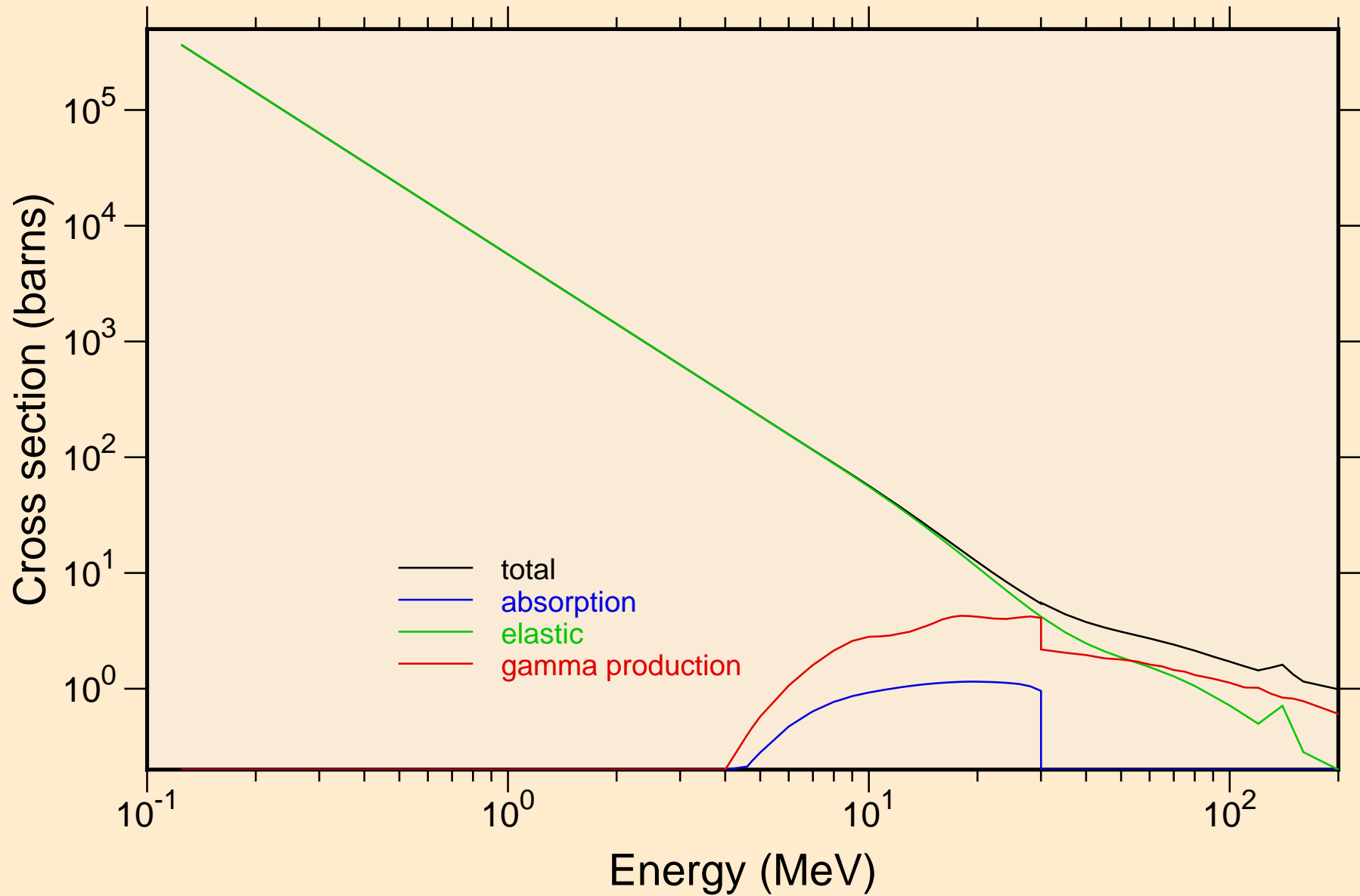


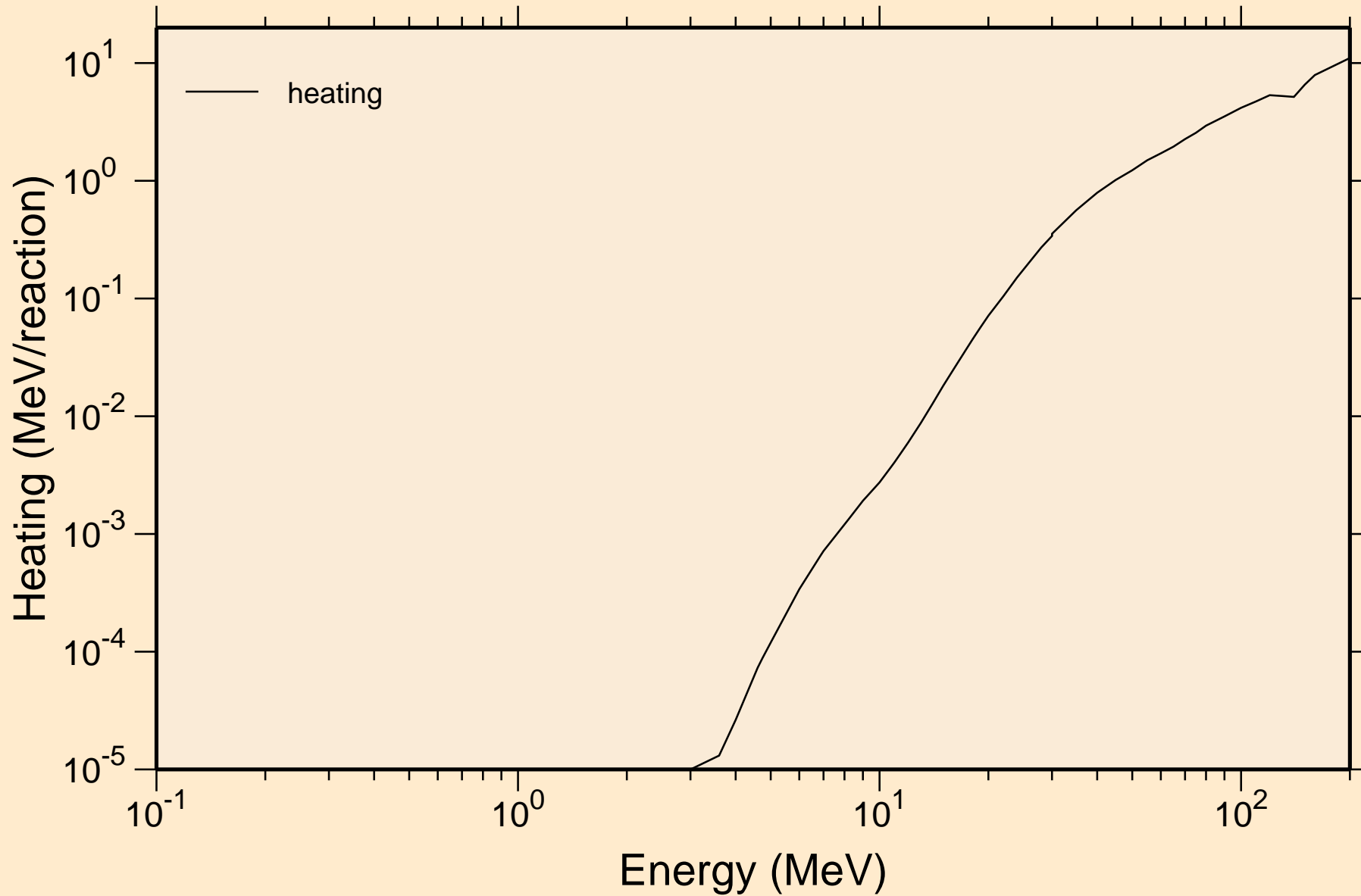
# ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



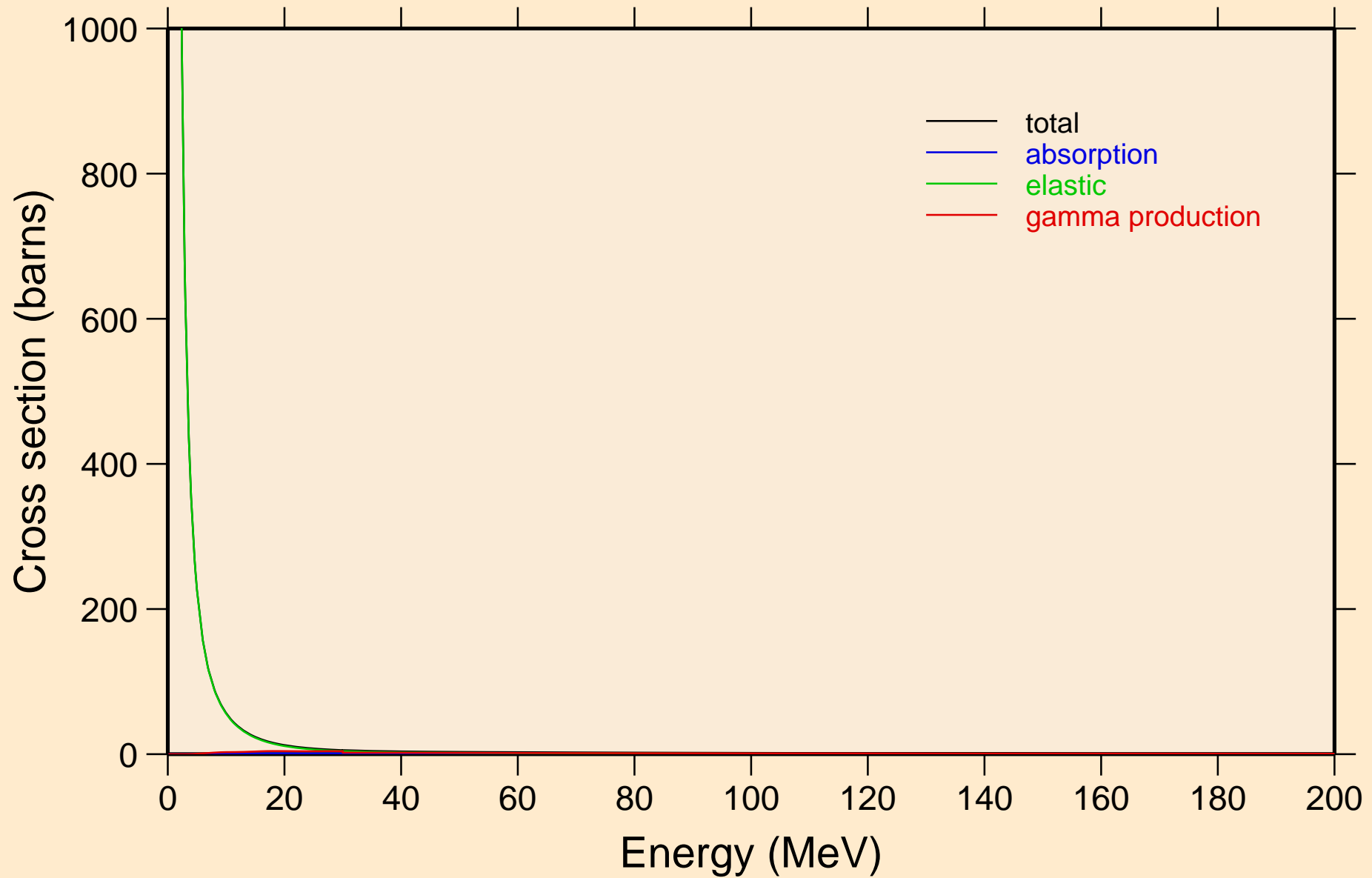
# ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



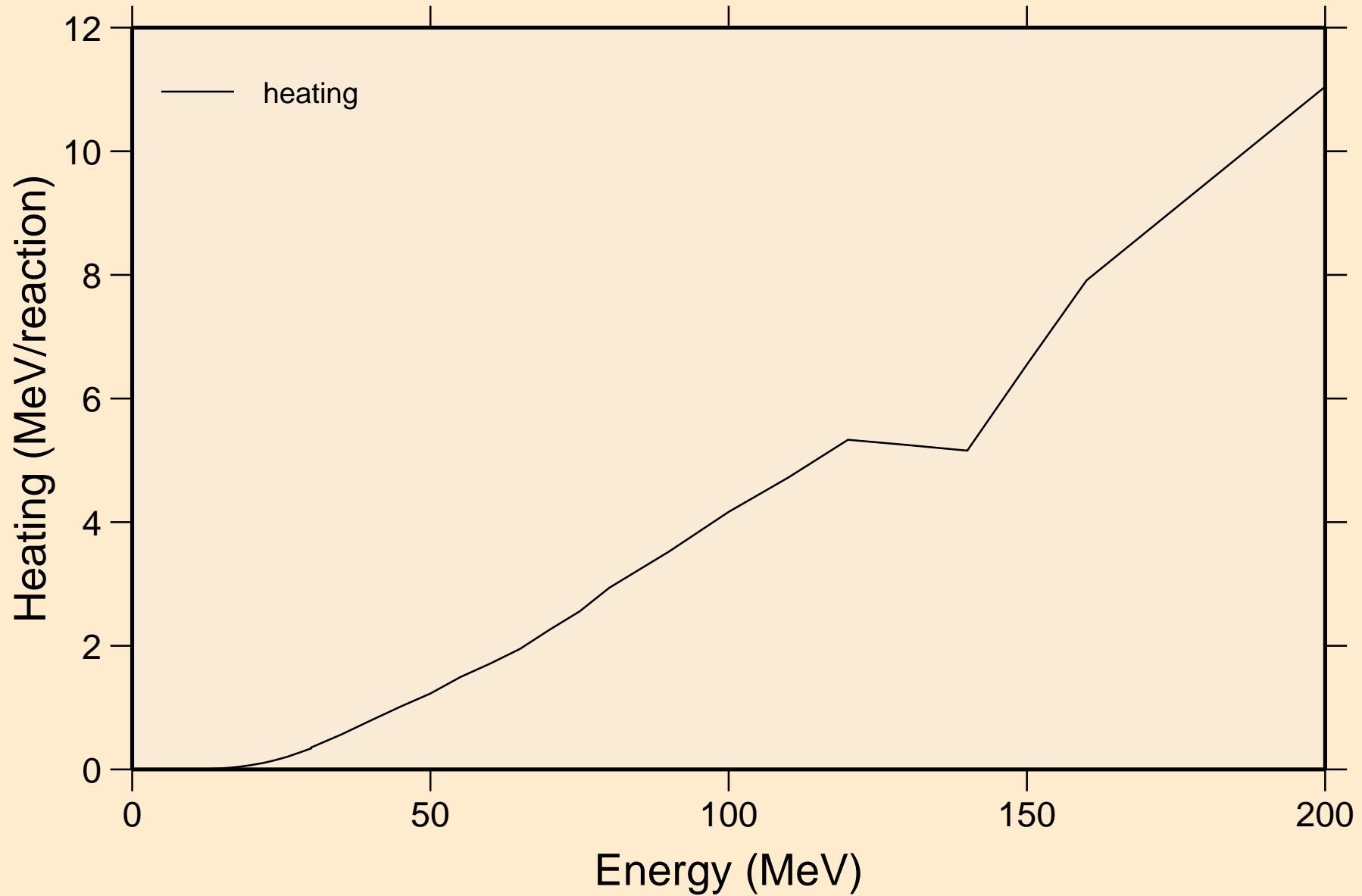
# ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



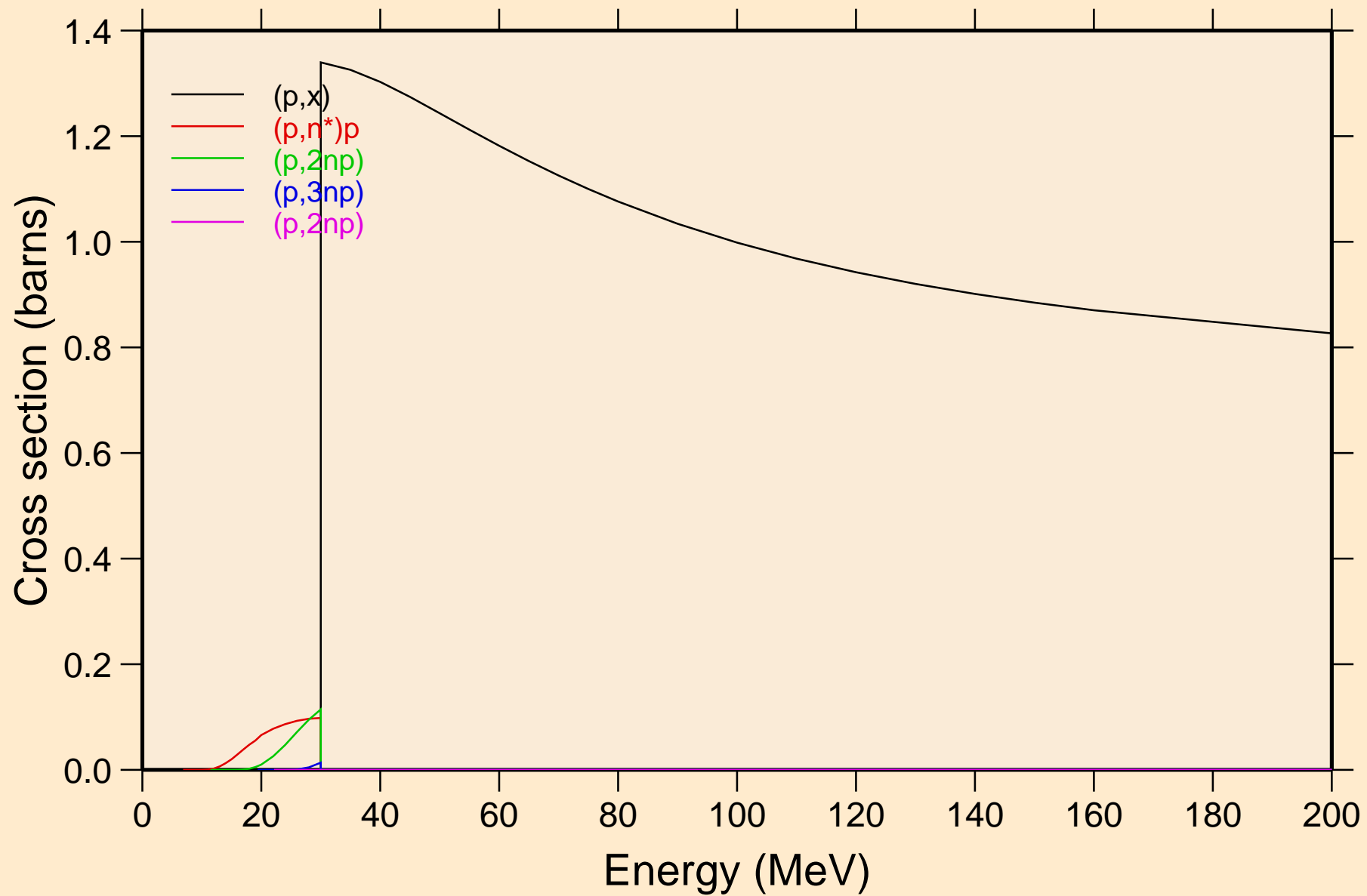
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## Heating

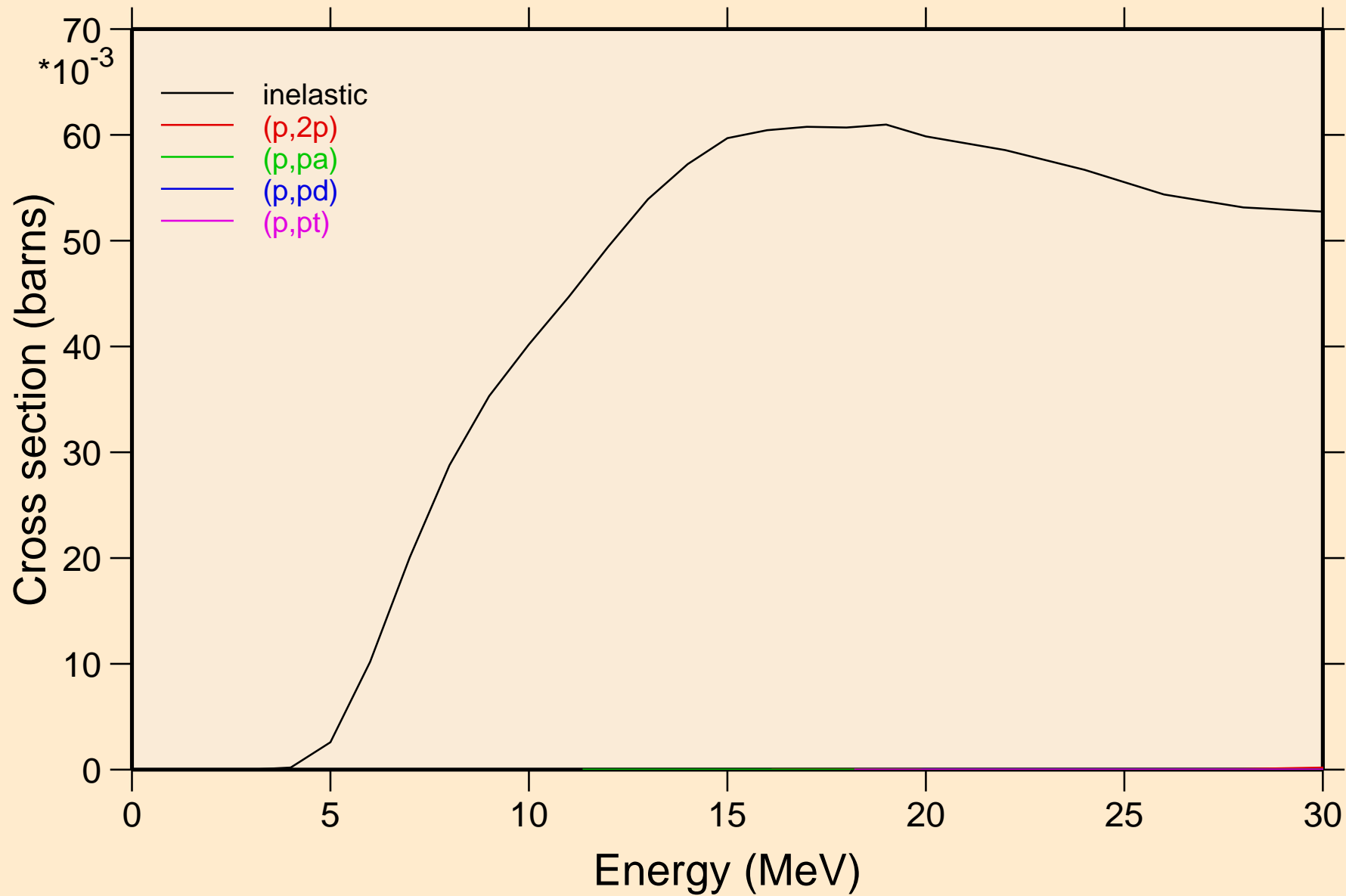


# ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K

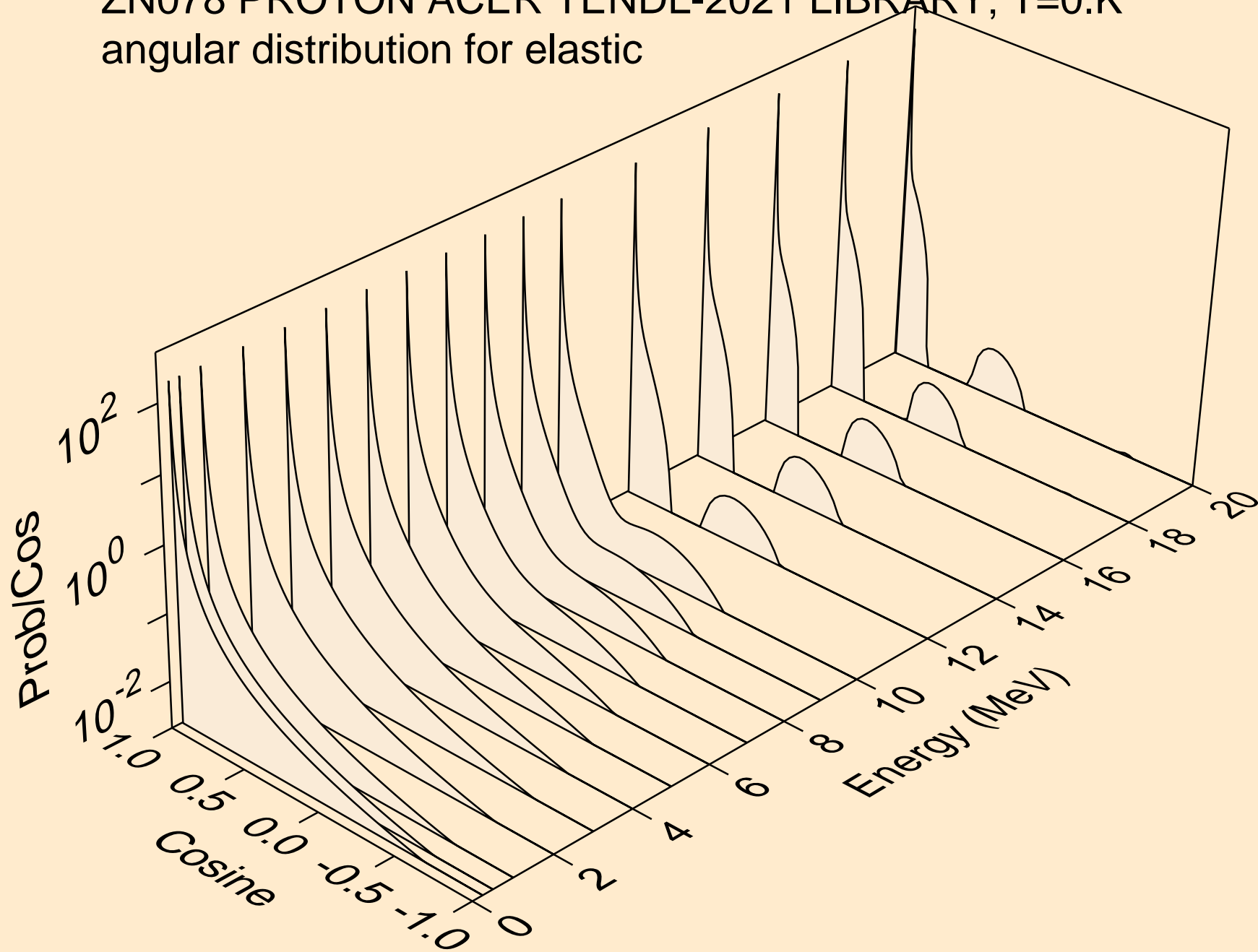
## Threshold reactions



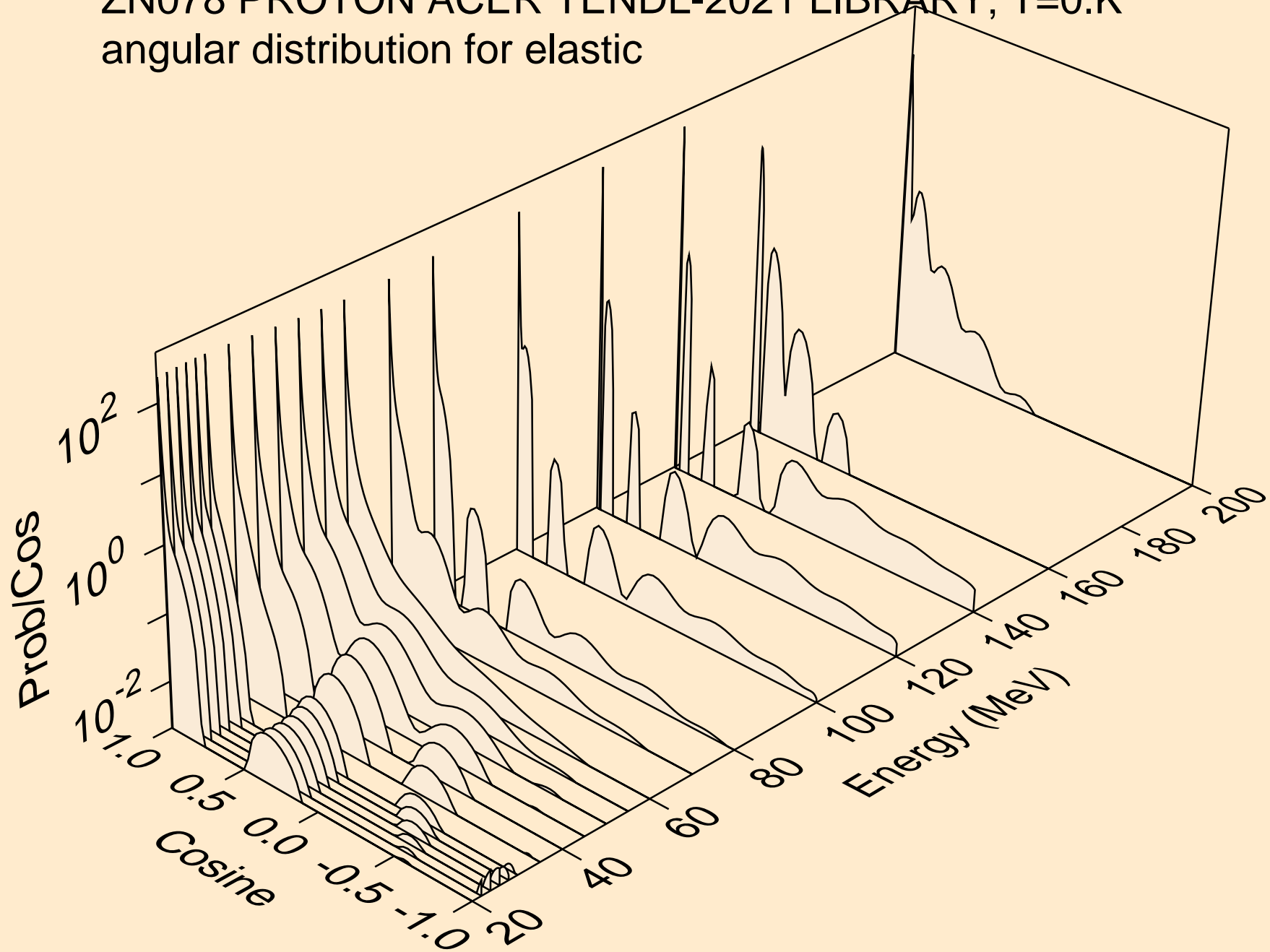
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

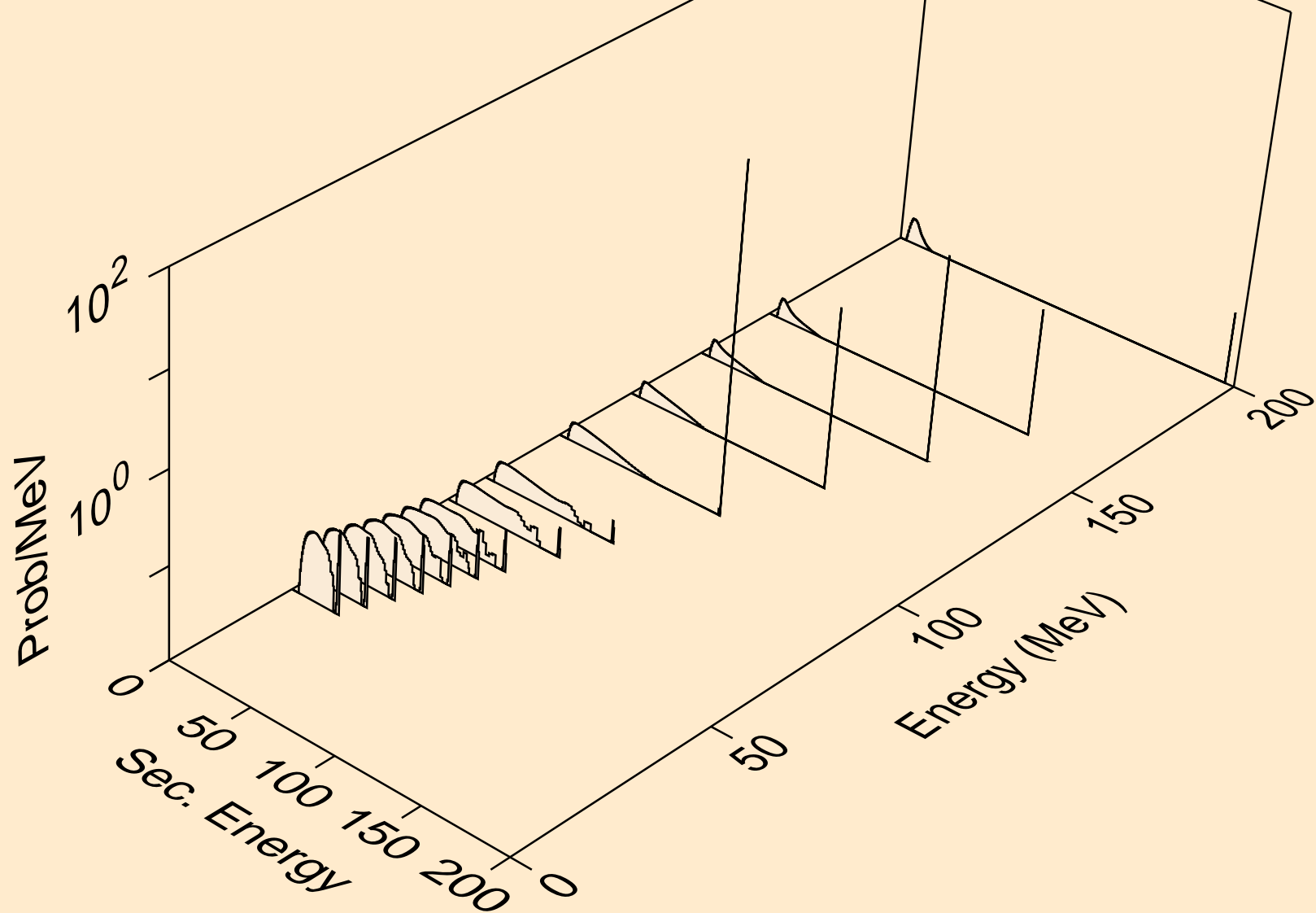


ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

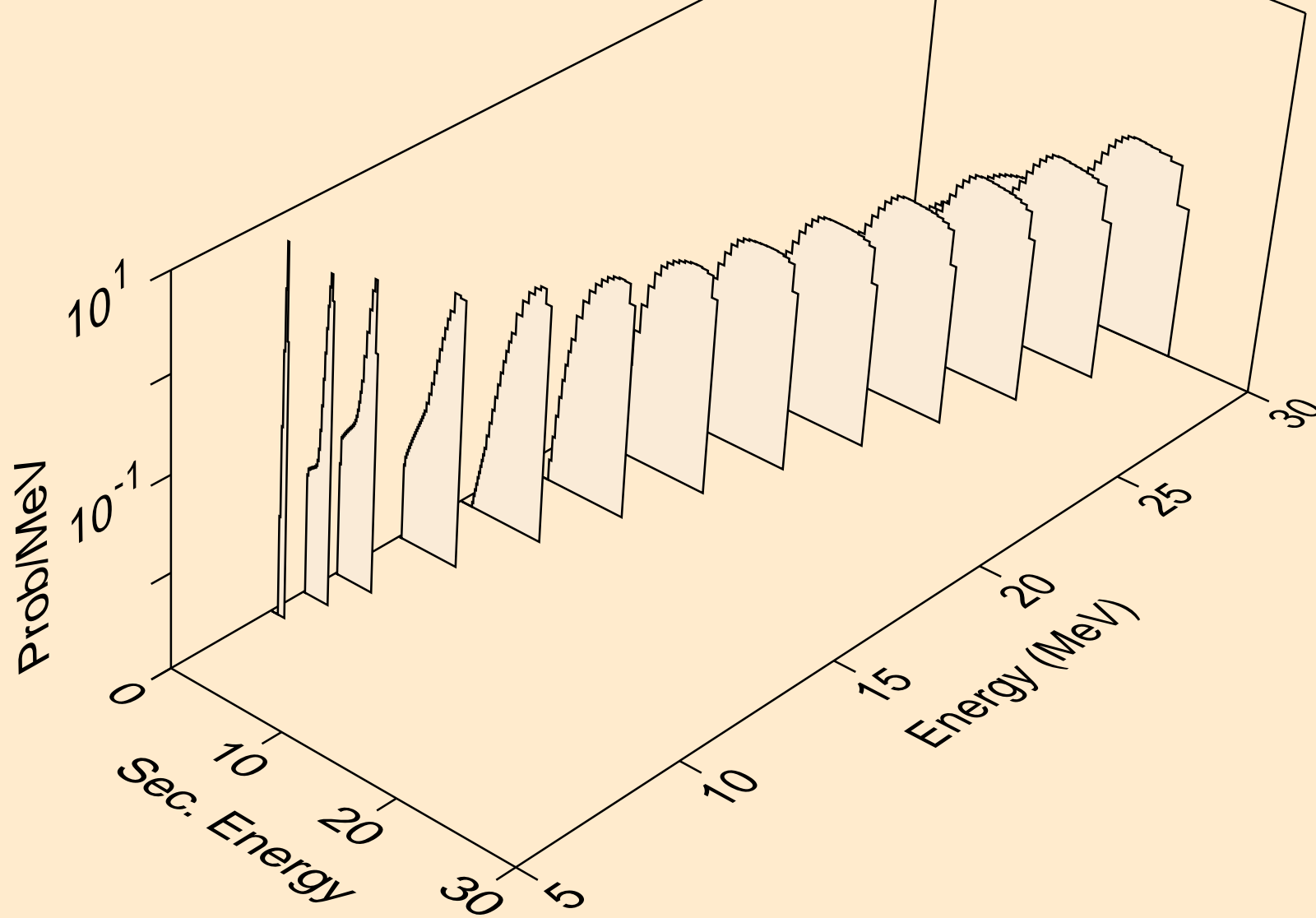




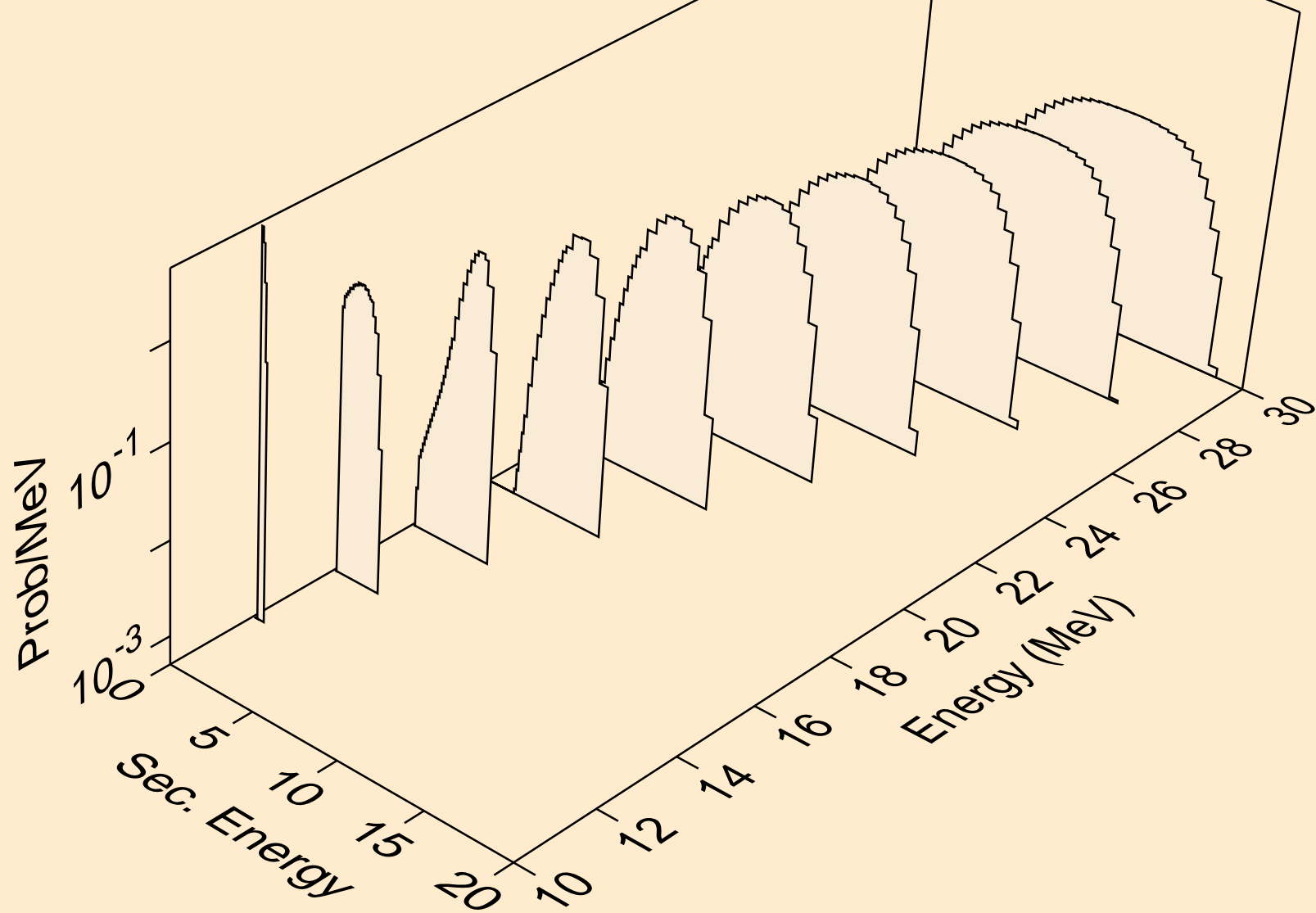
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



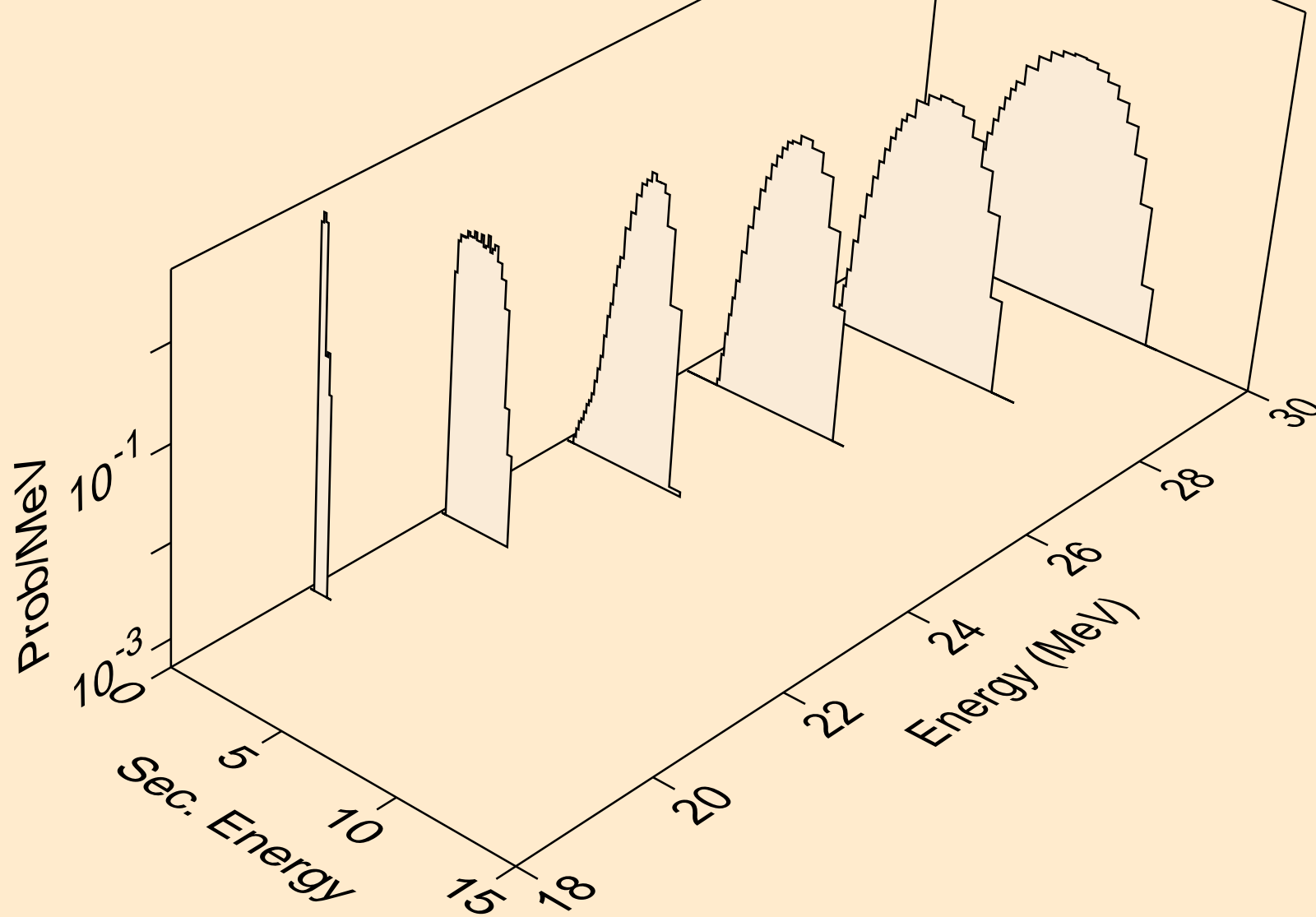
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



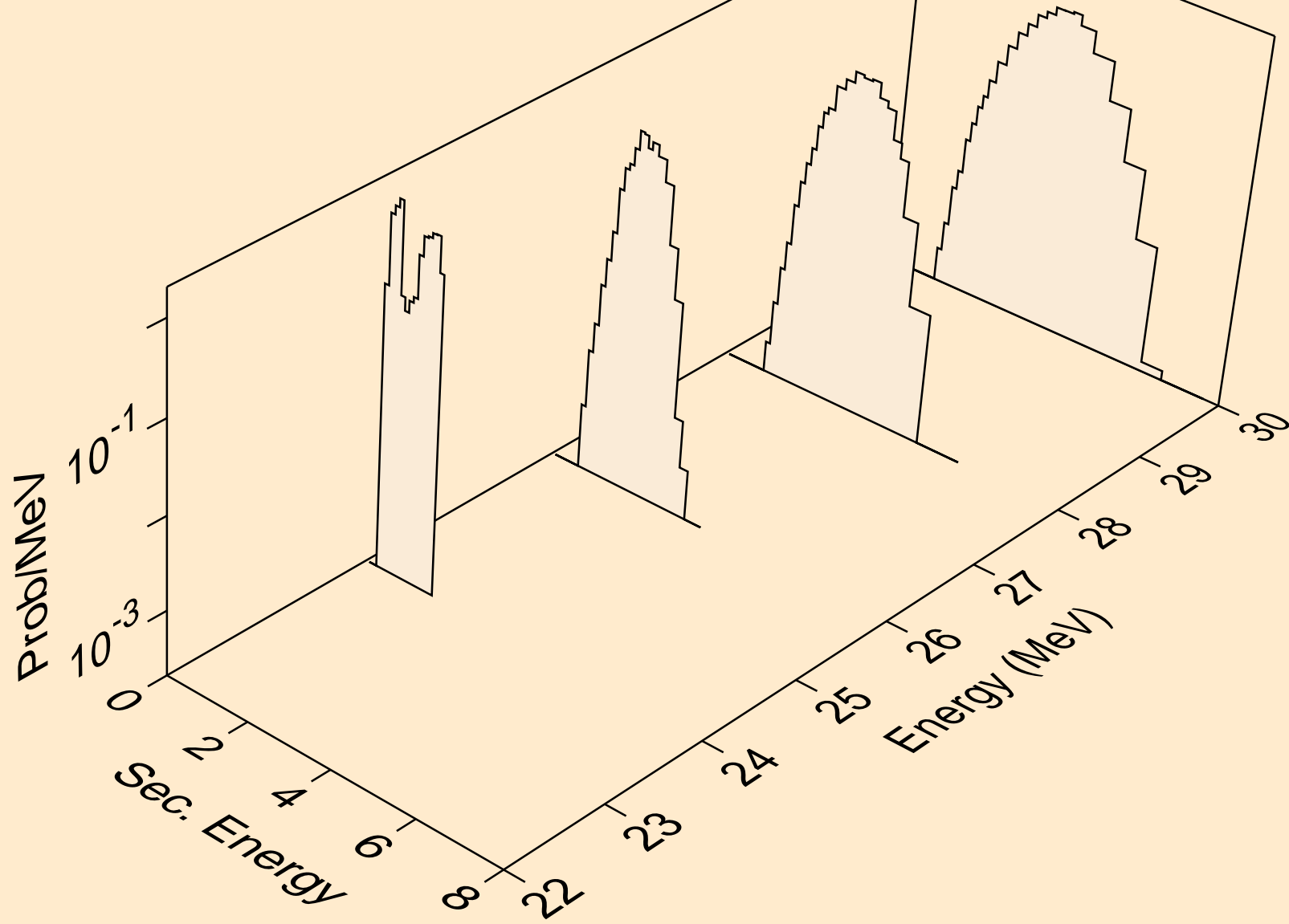
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



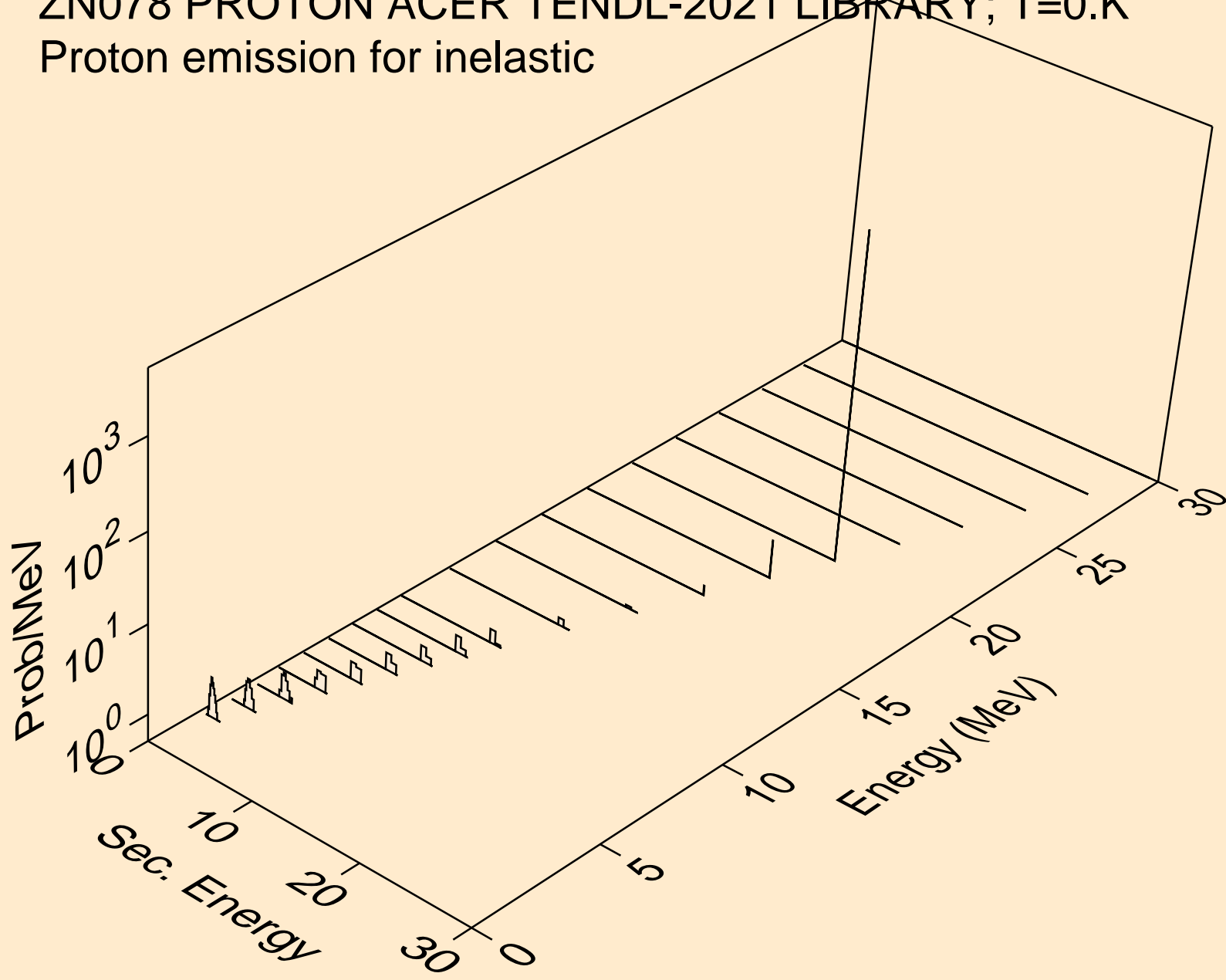
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



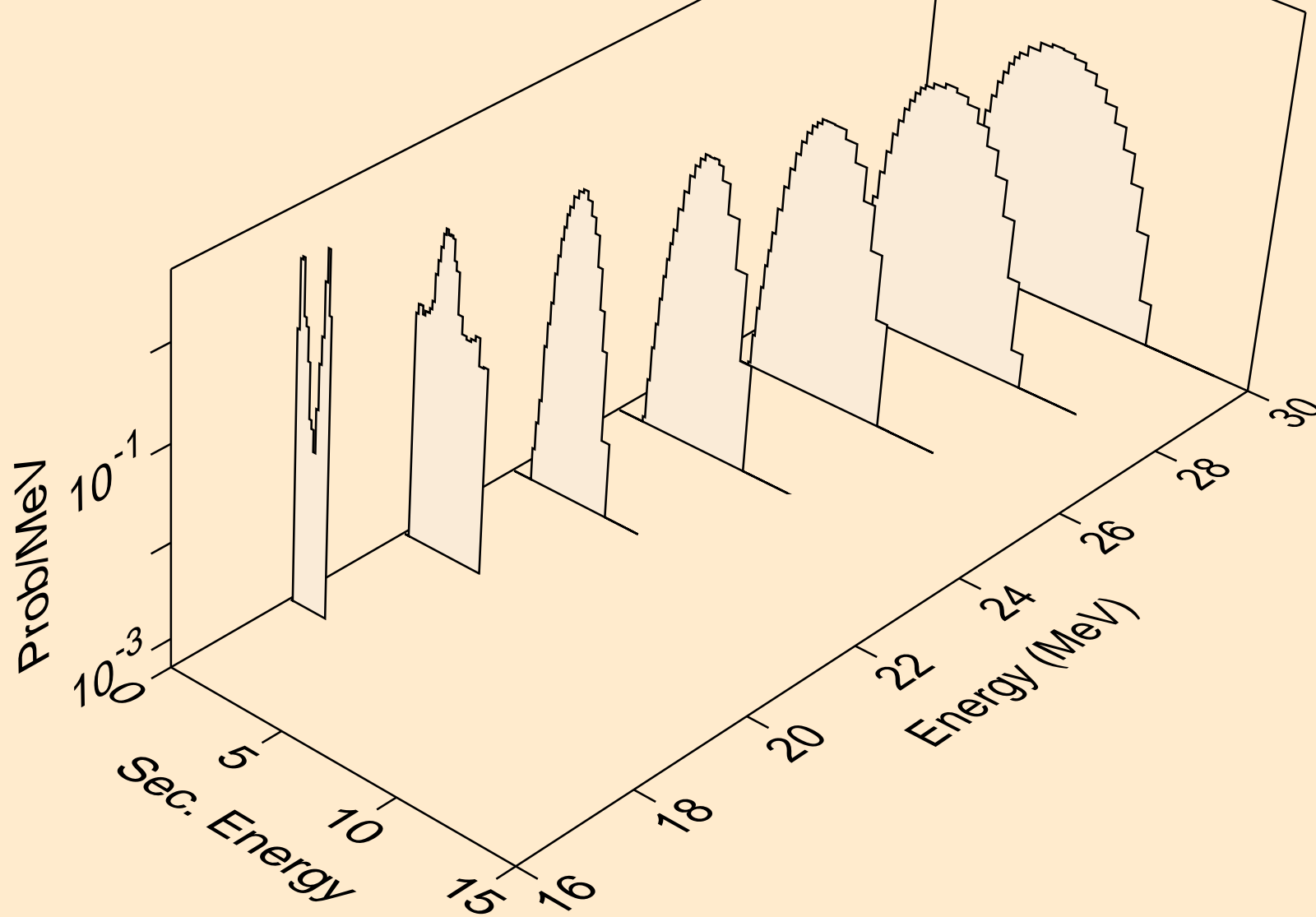
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



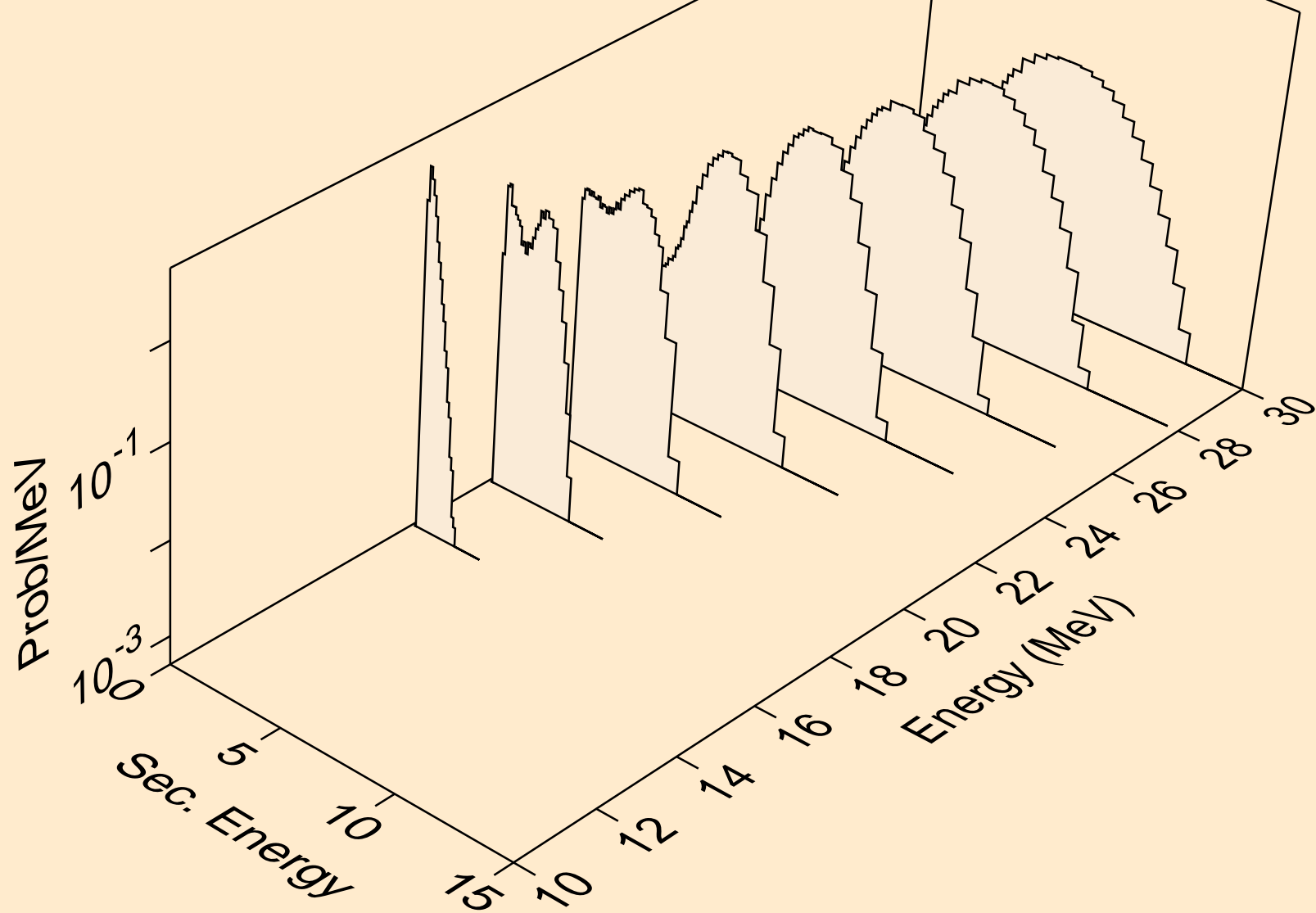
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic



ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)

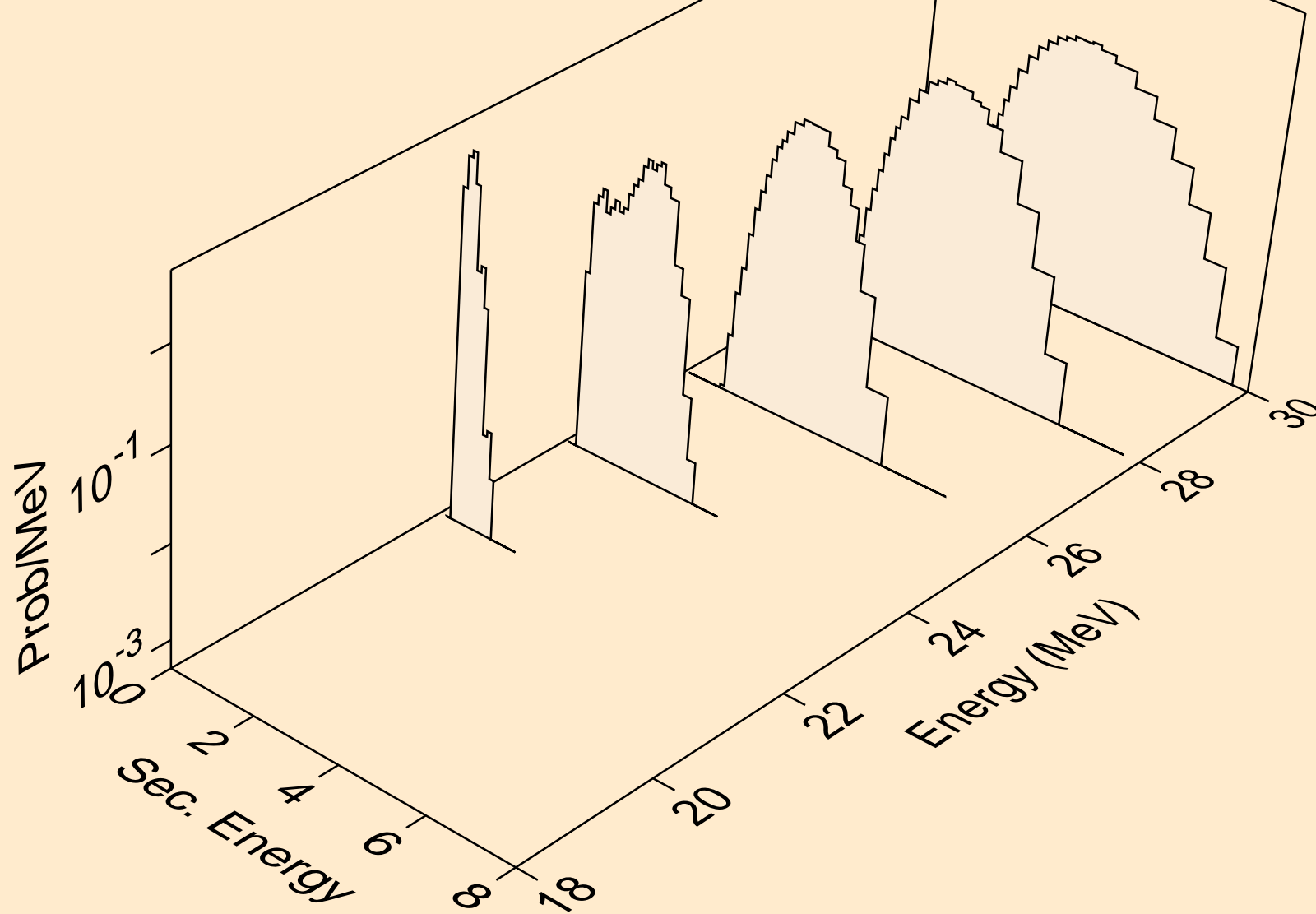


ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)

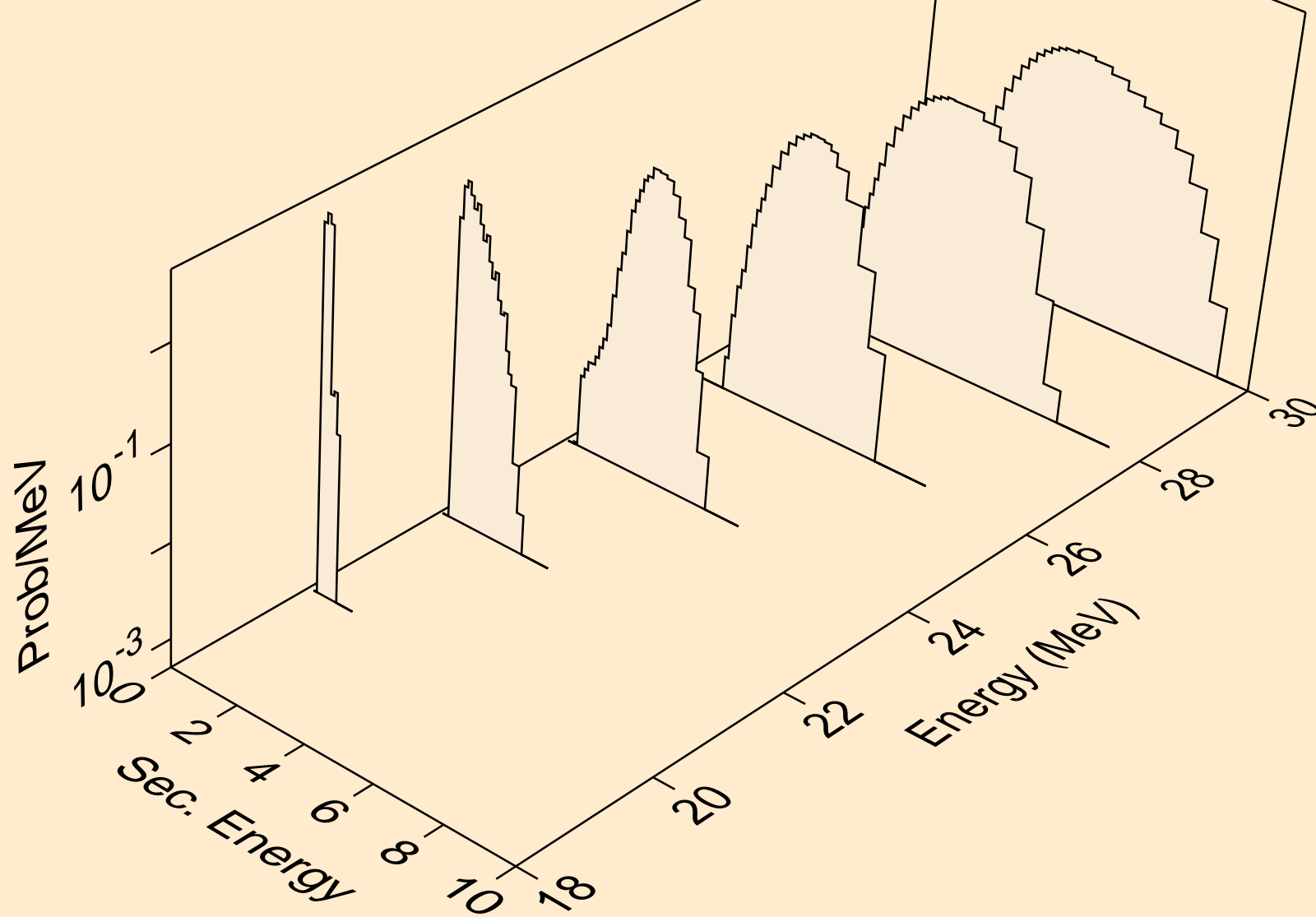




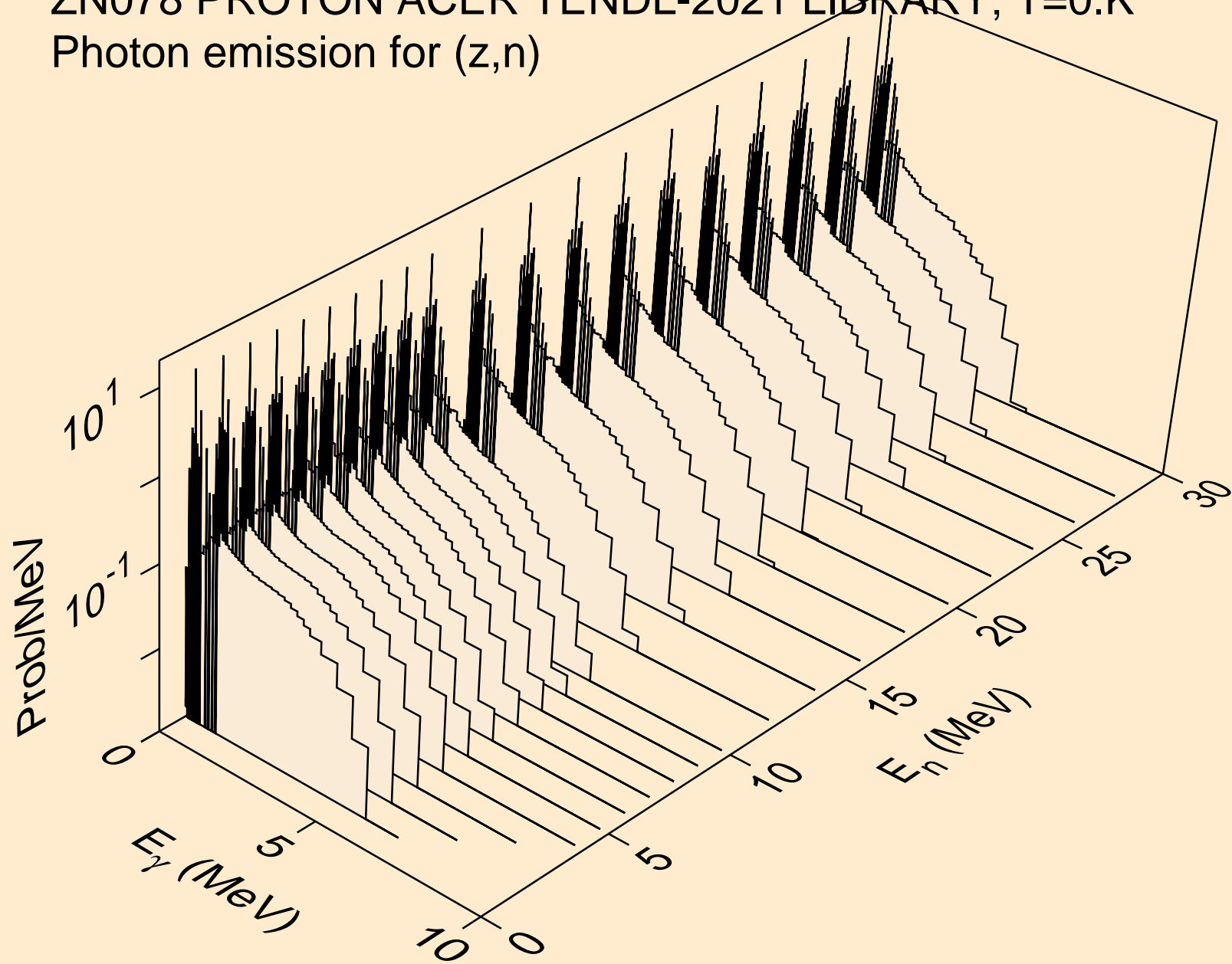
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



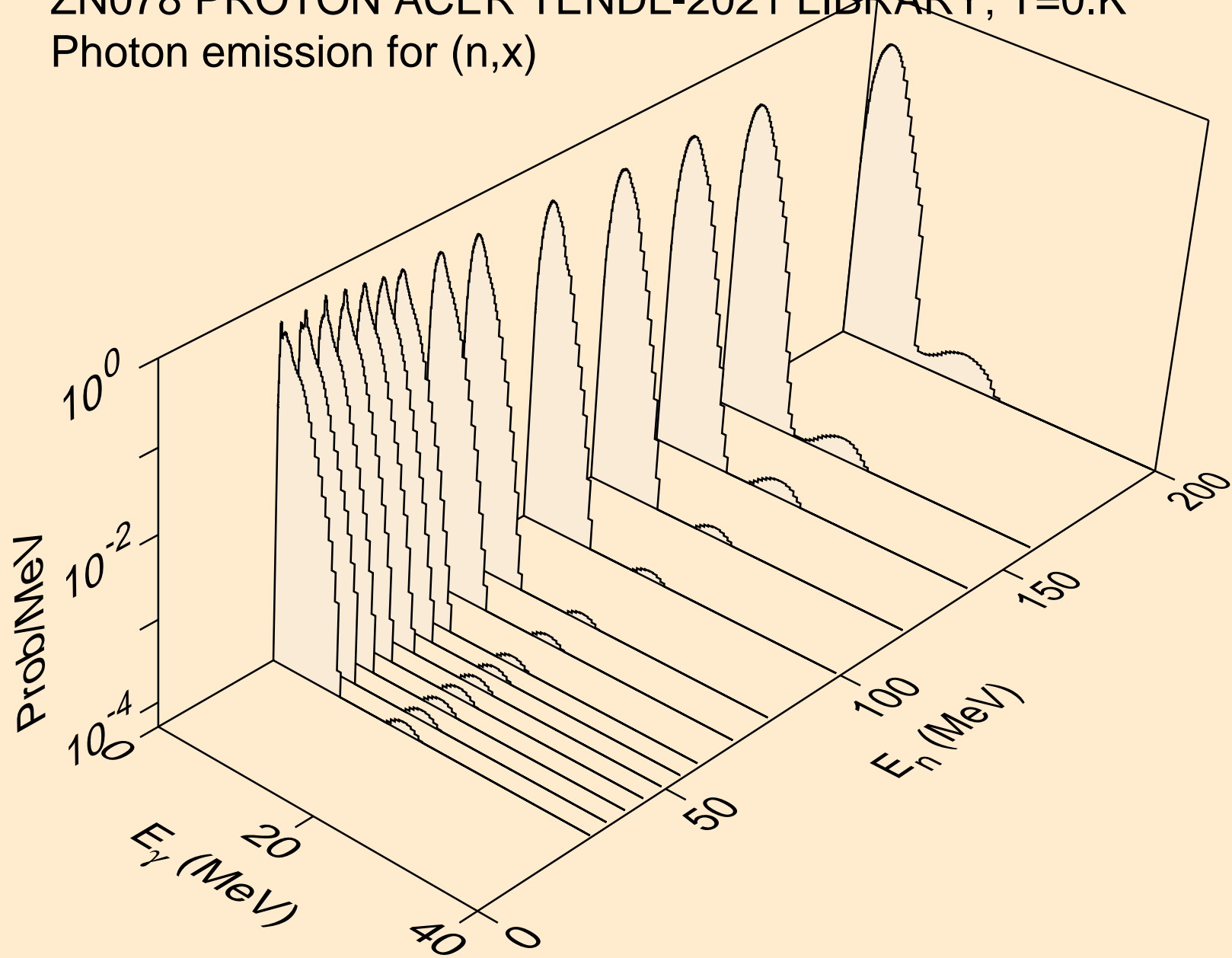
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



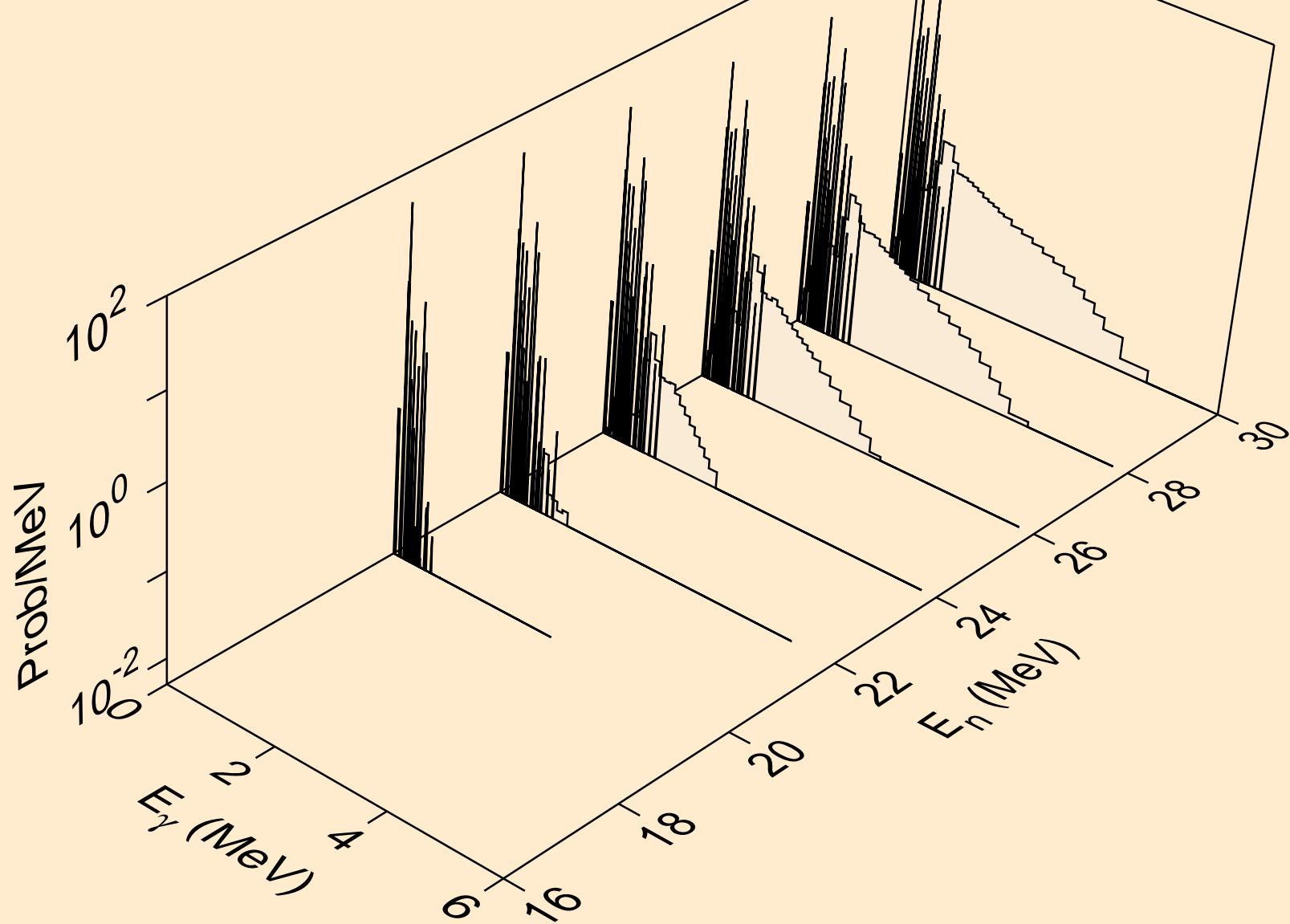
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



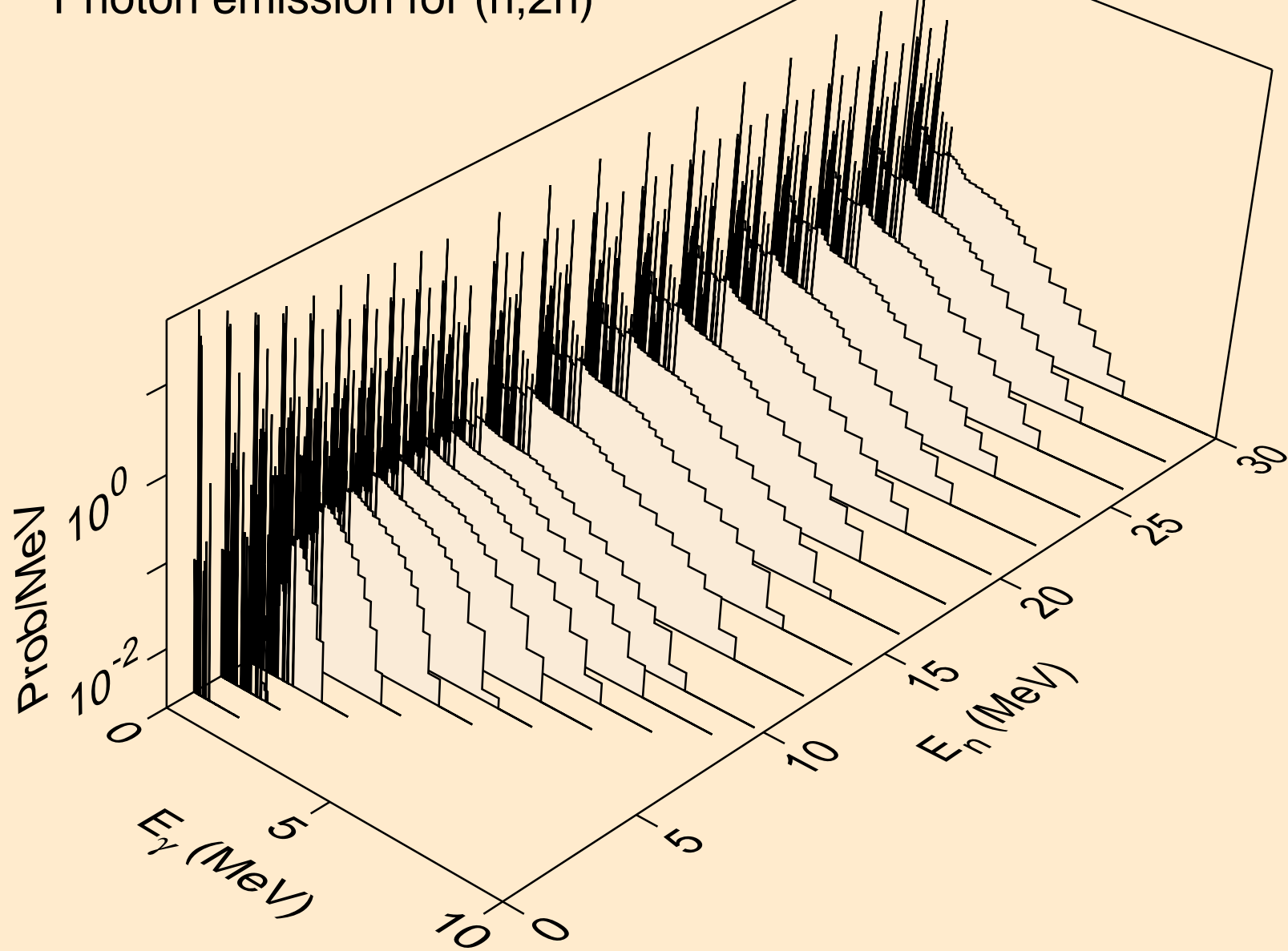
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



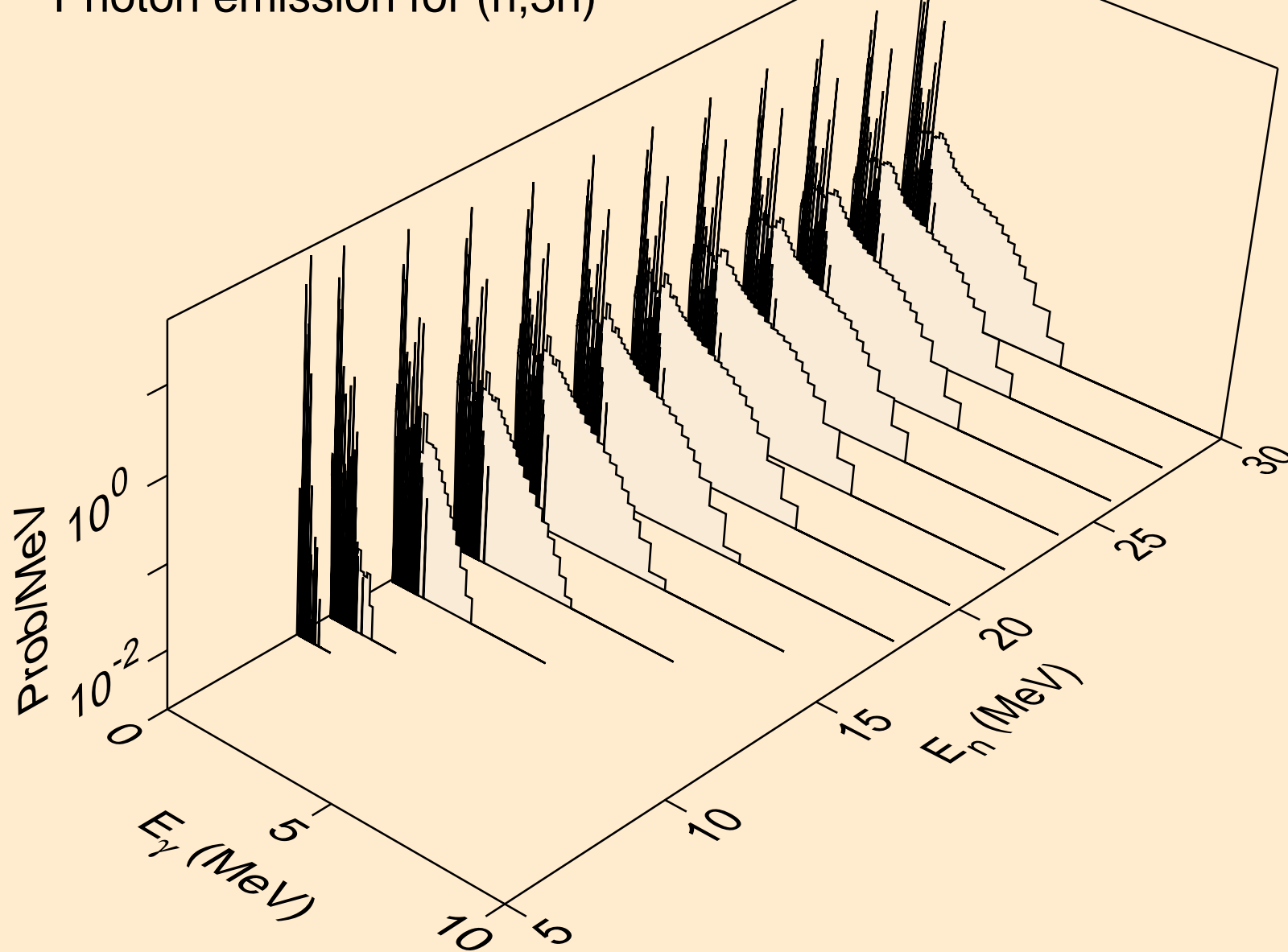
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Photon emission for (n,2nd)



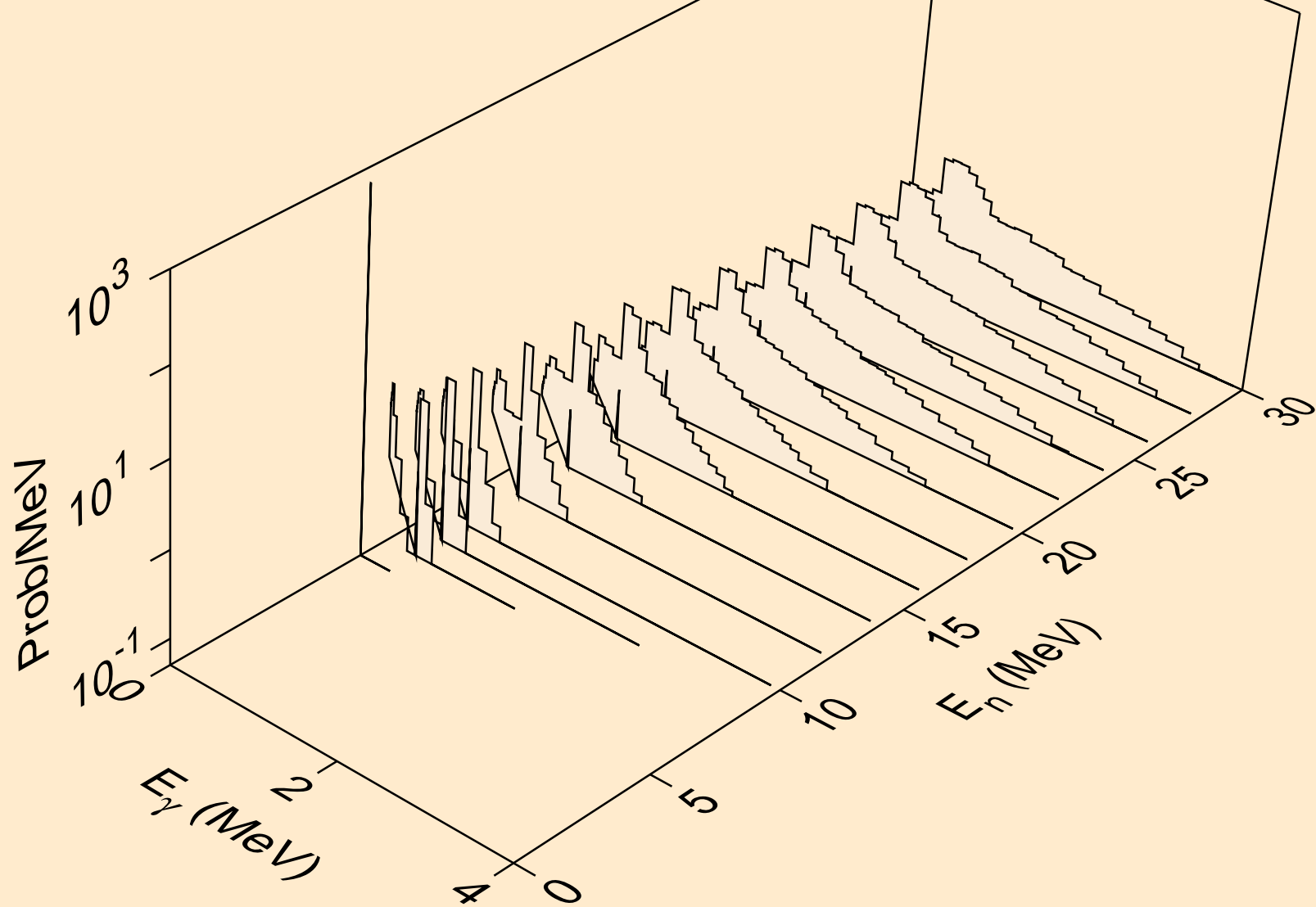
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

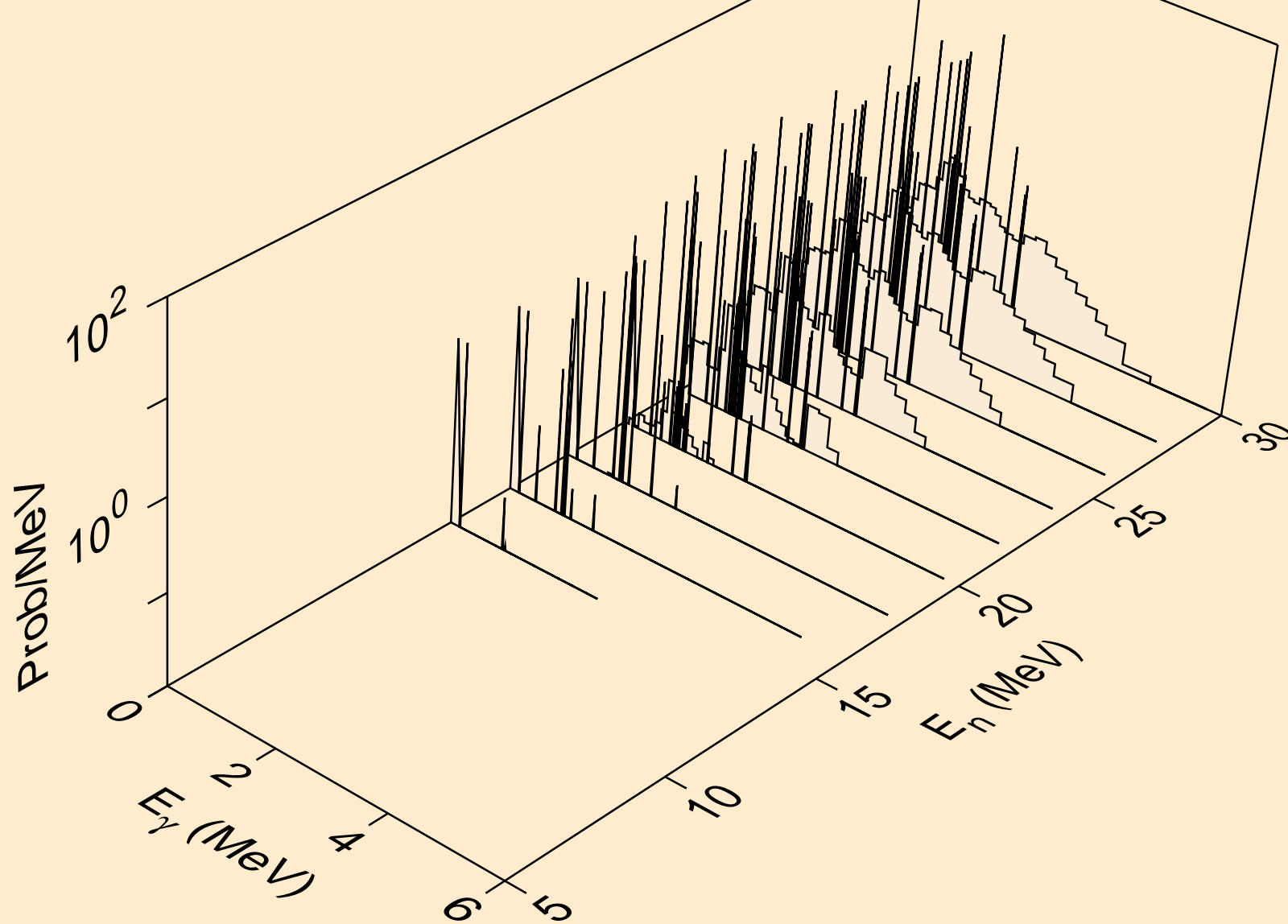


ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

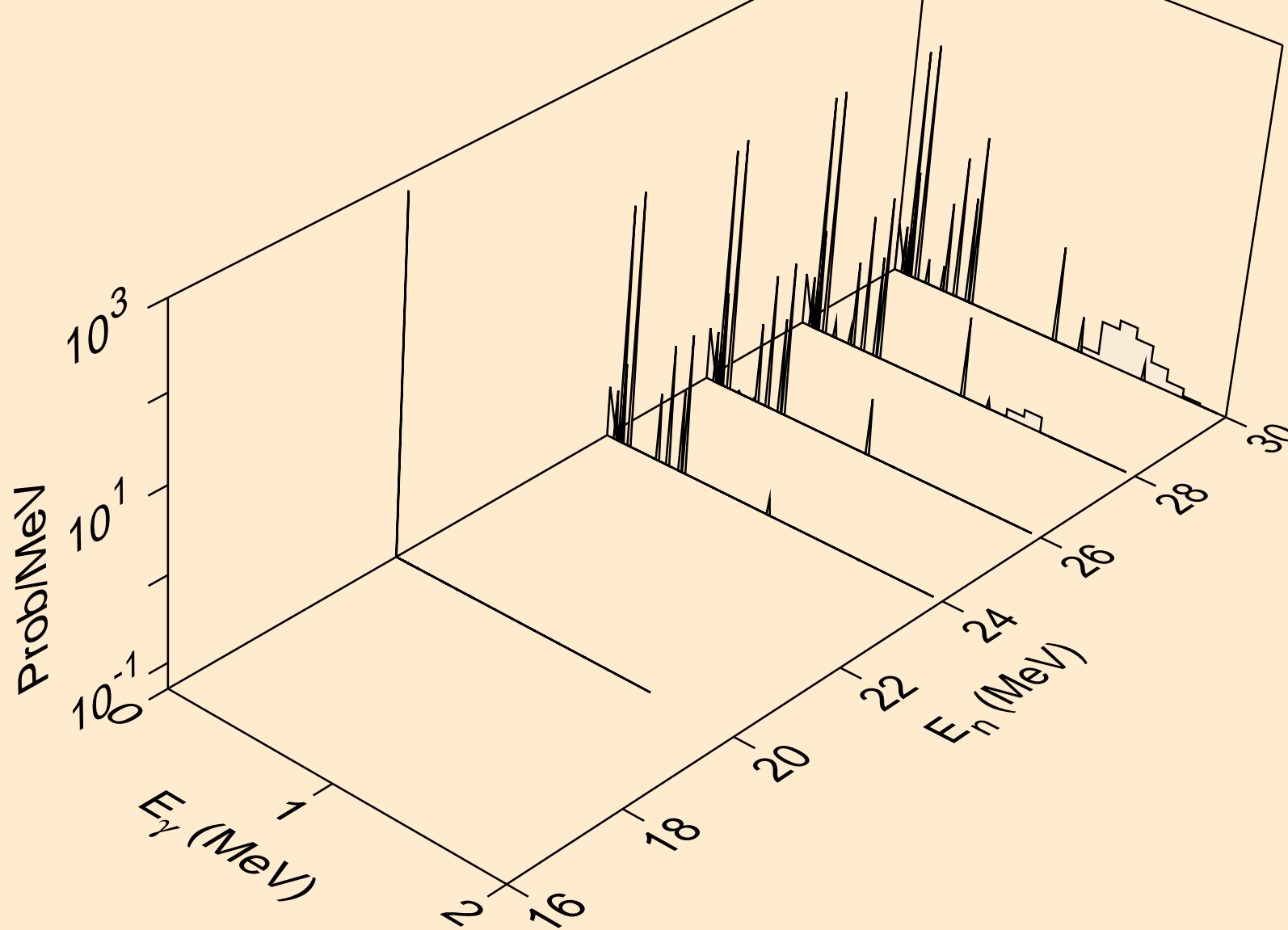




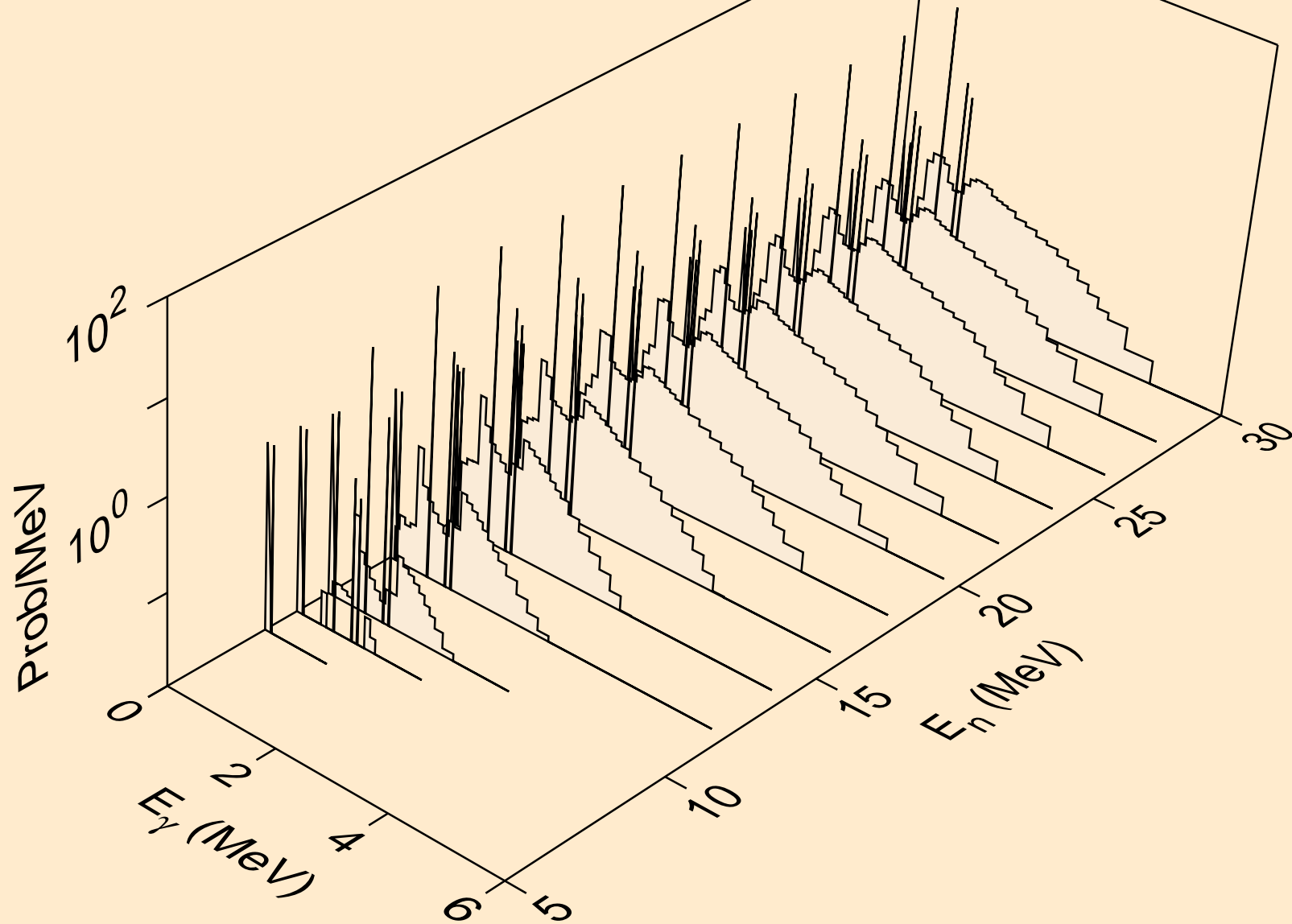
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Photon emission for (n,2n)a



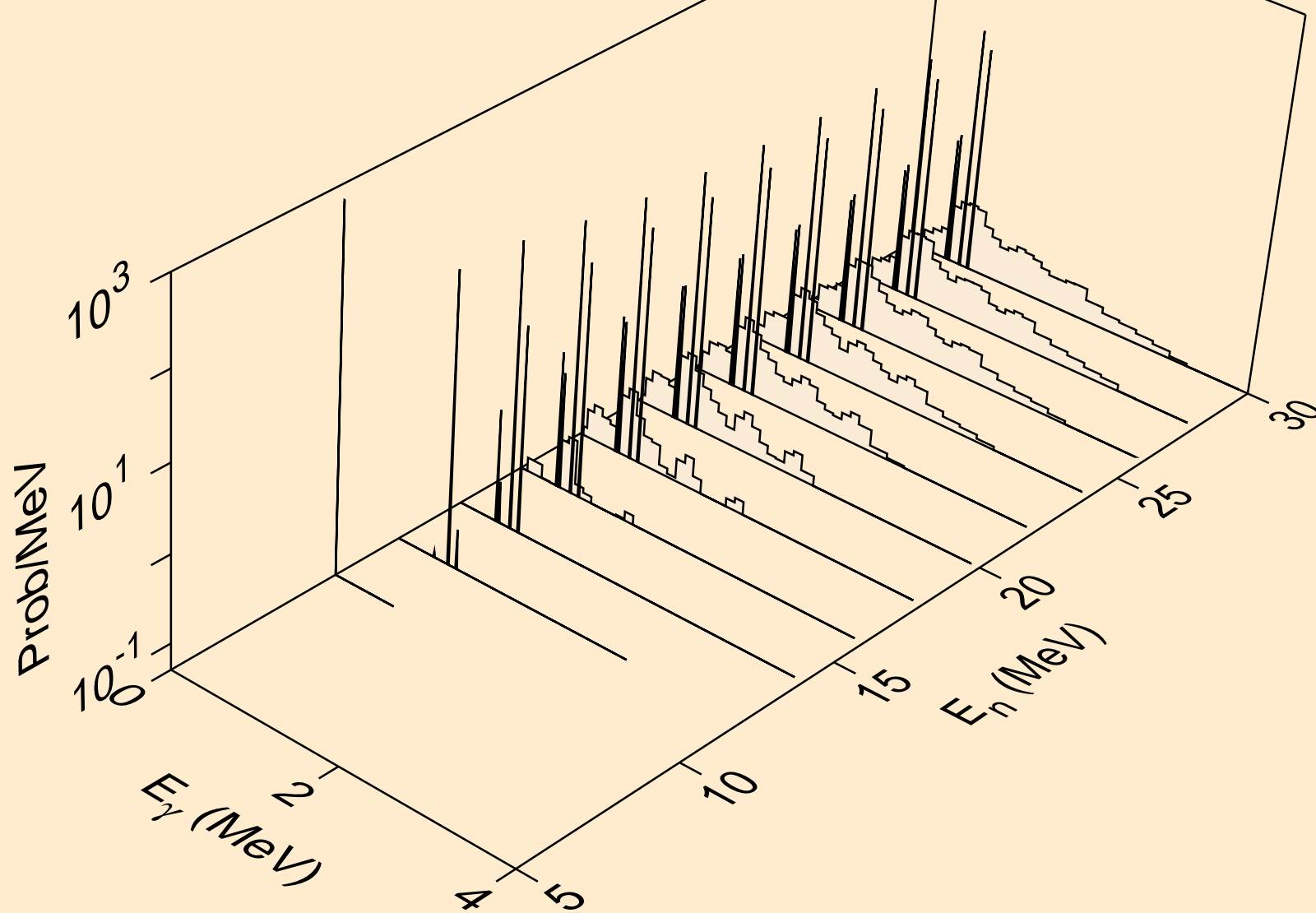
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Photon emission for (n,3n)a



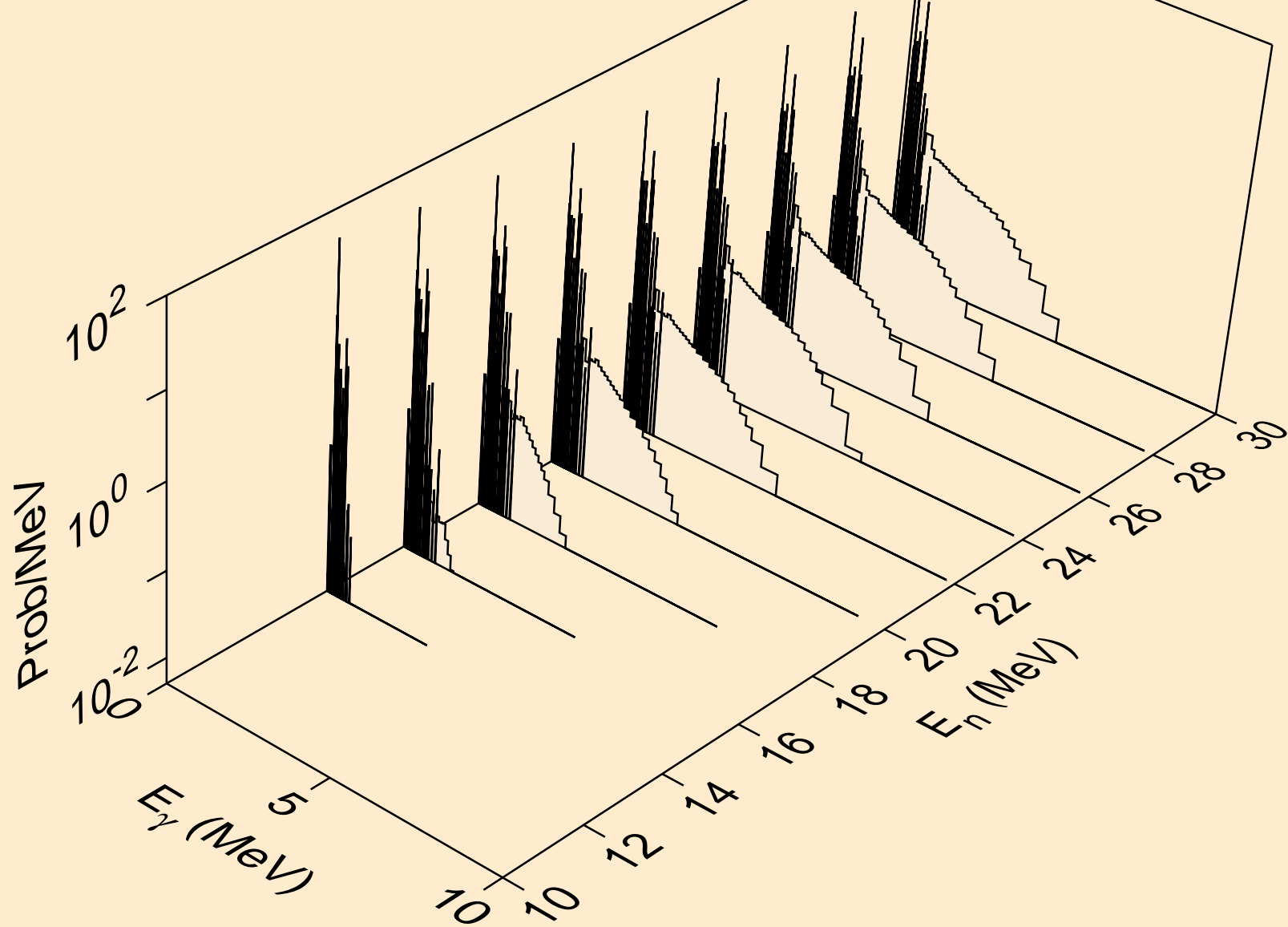
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



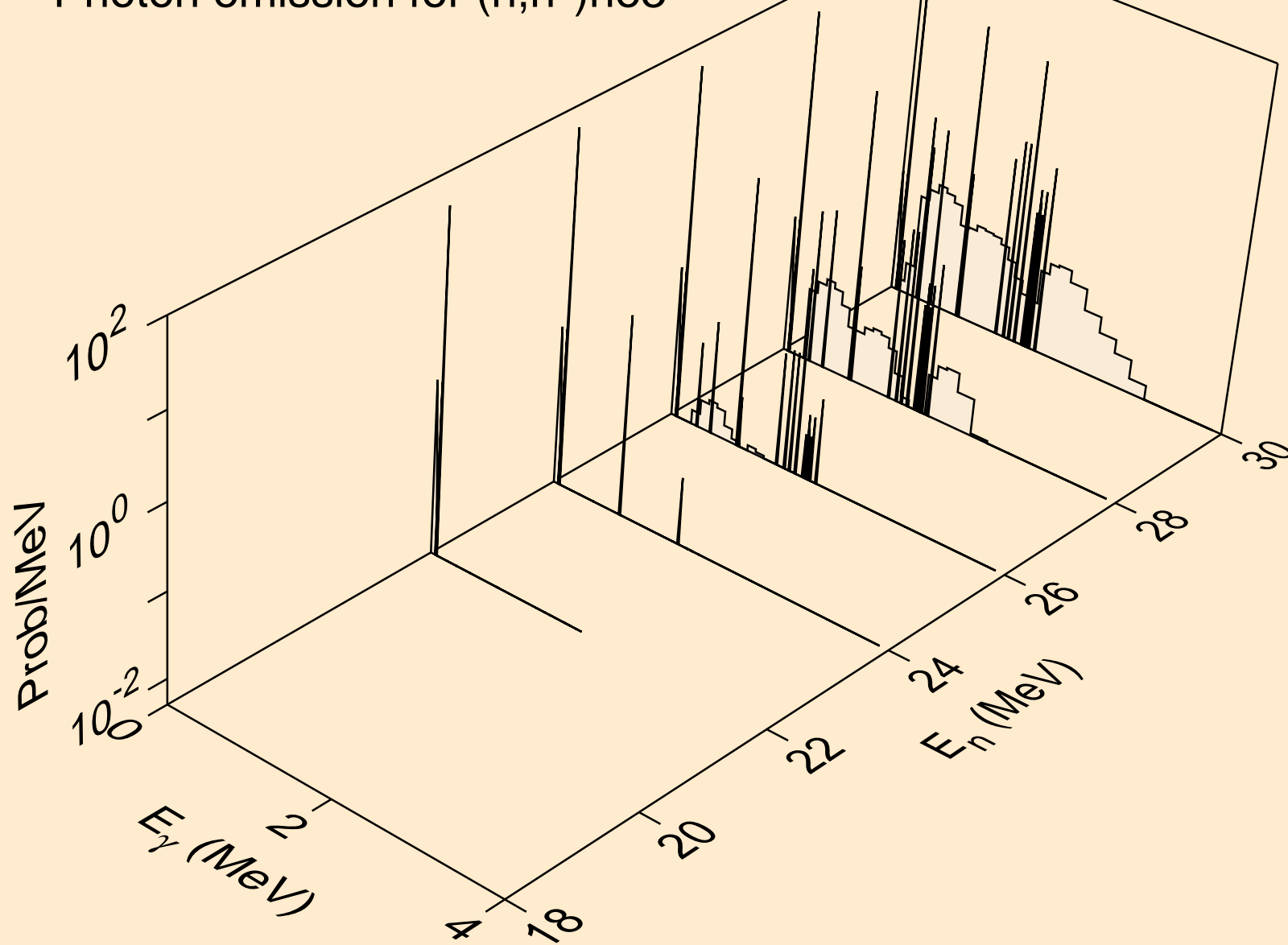
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



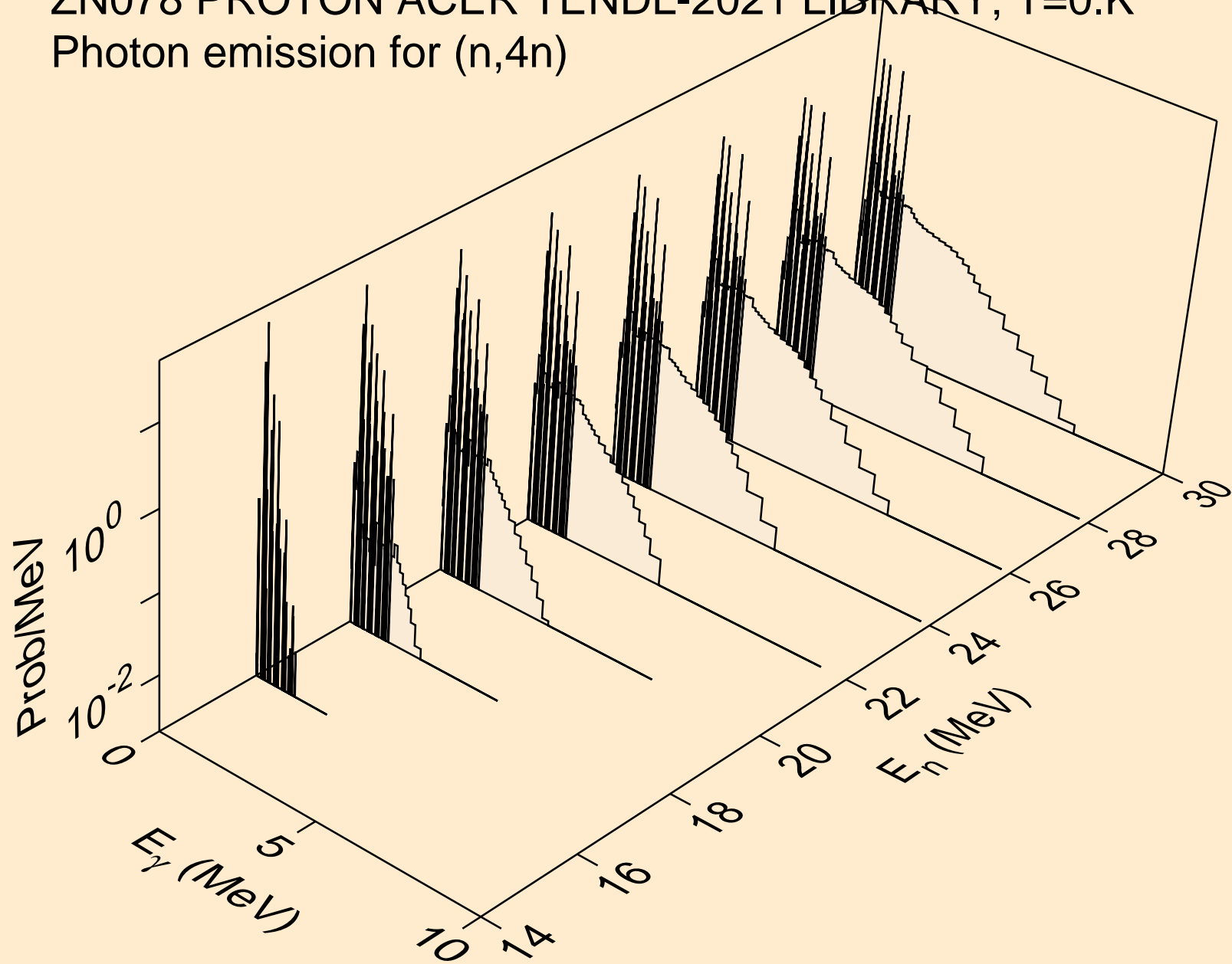
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



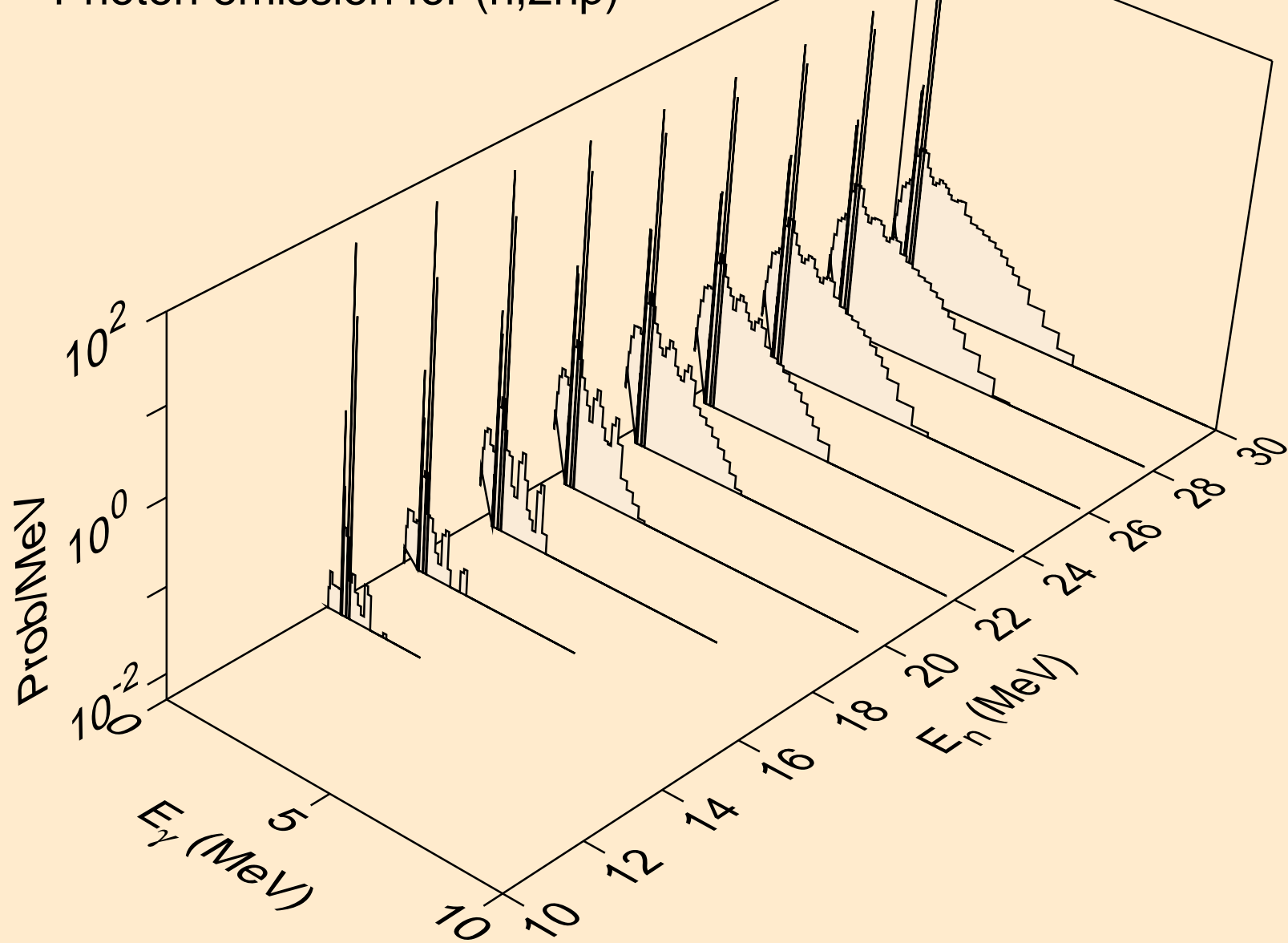
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

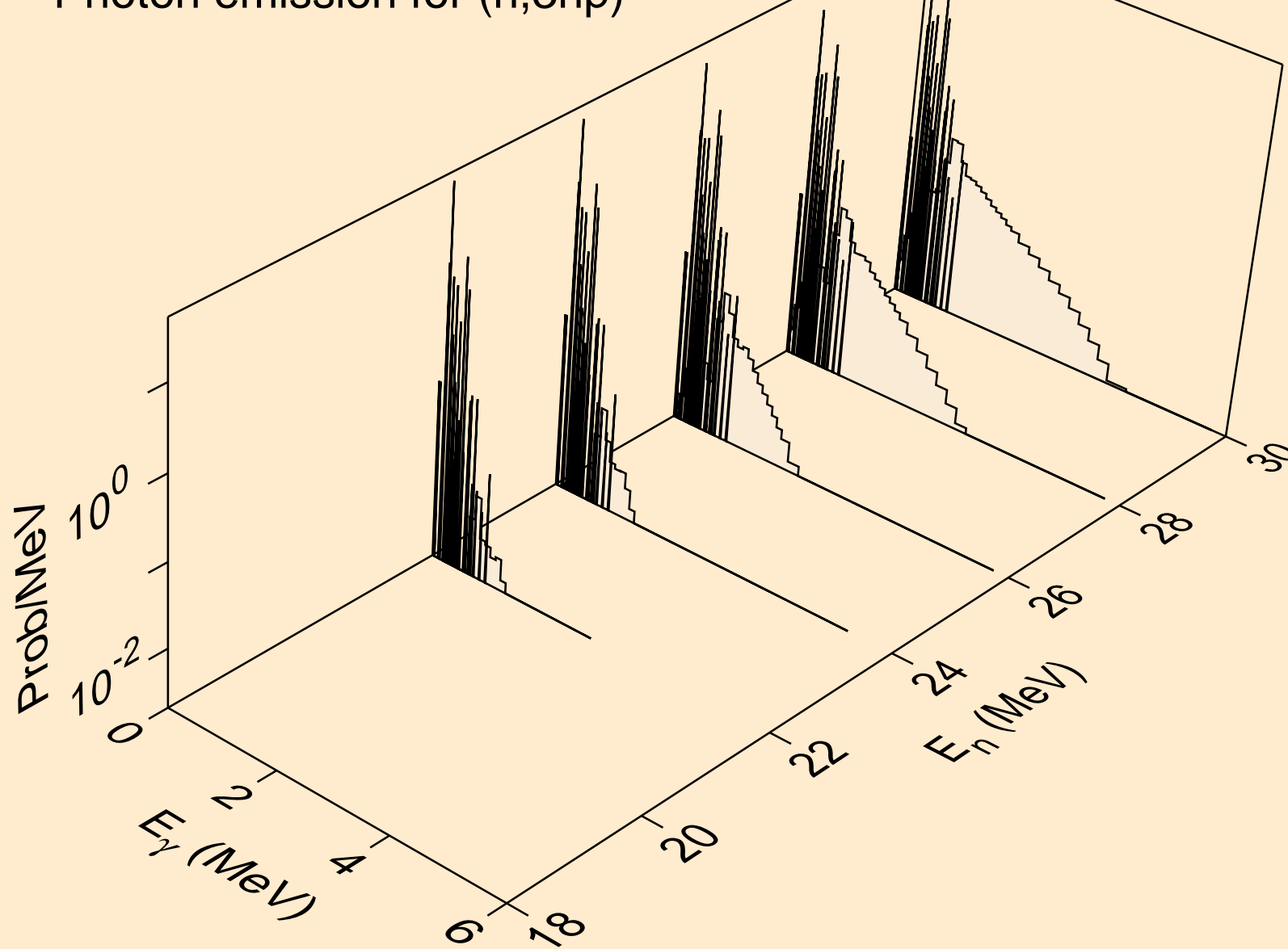


ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

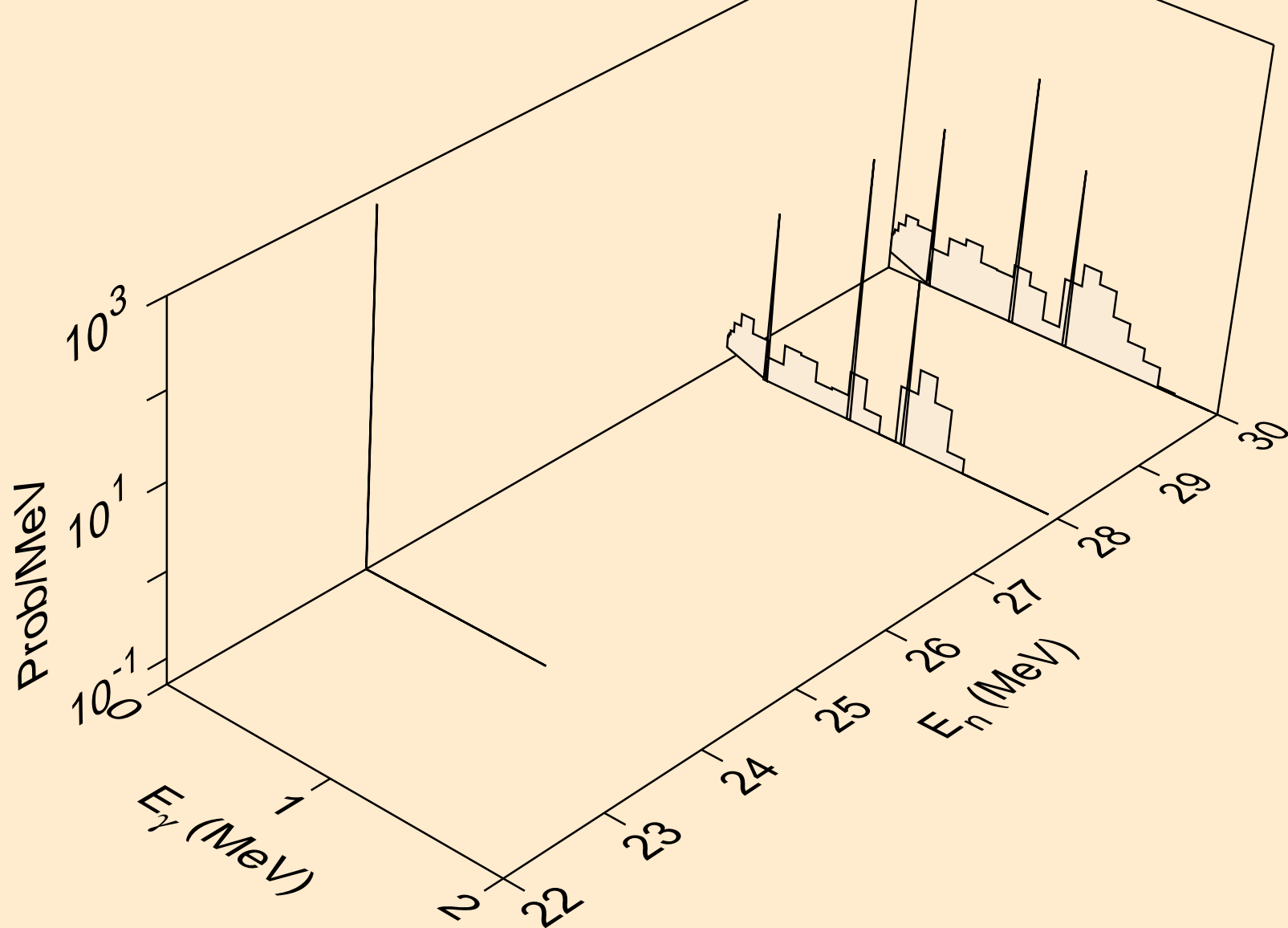




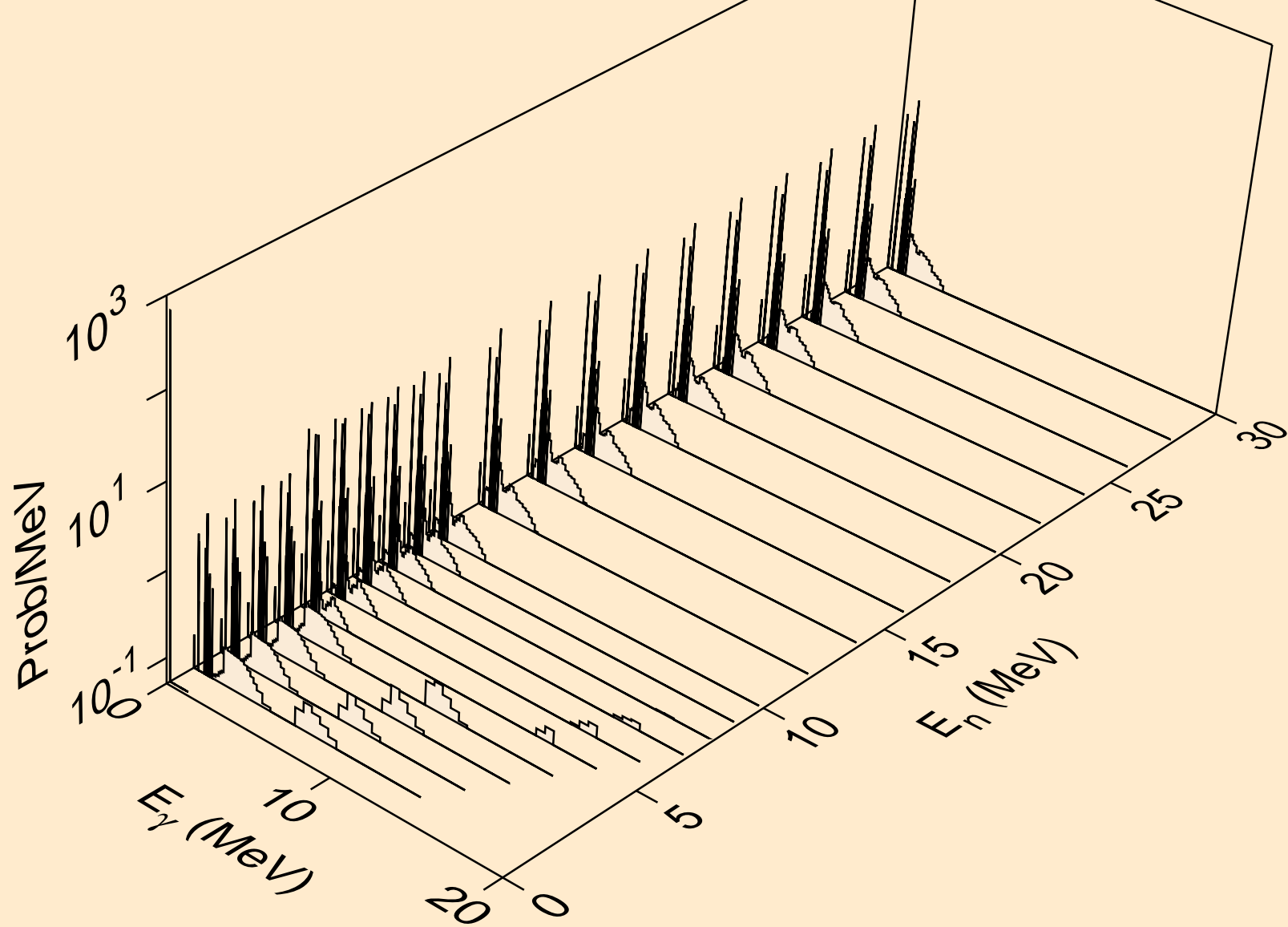
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Photon emission for (n,3np)



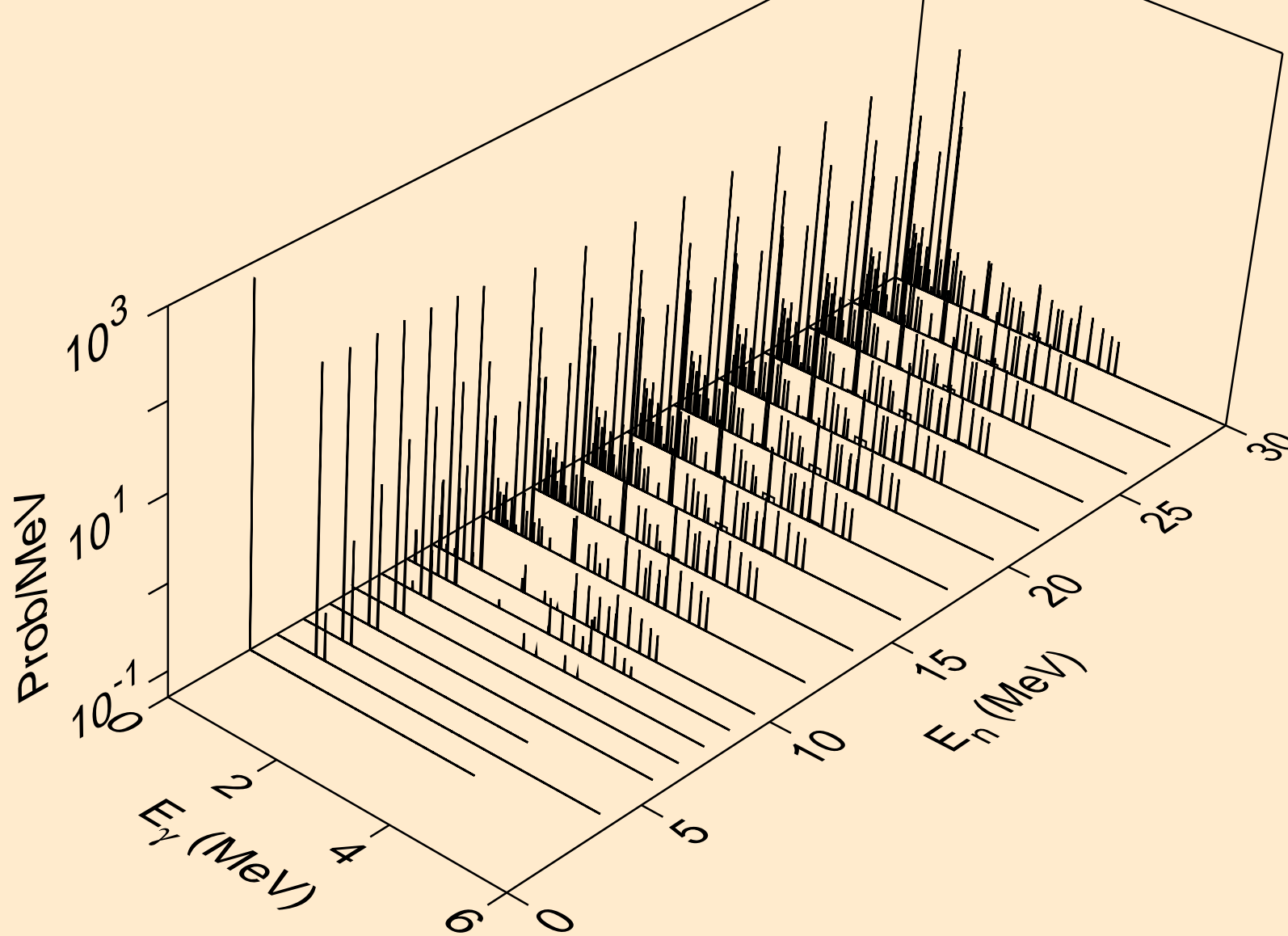
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Photon emission for (n,2np)



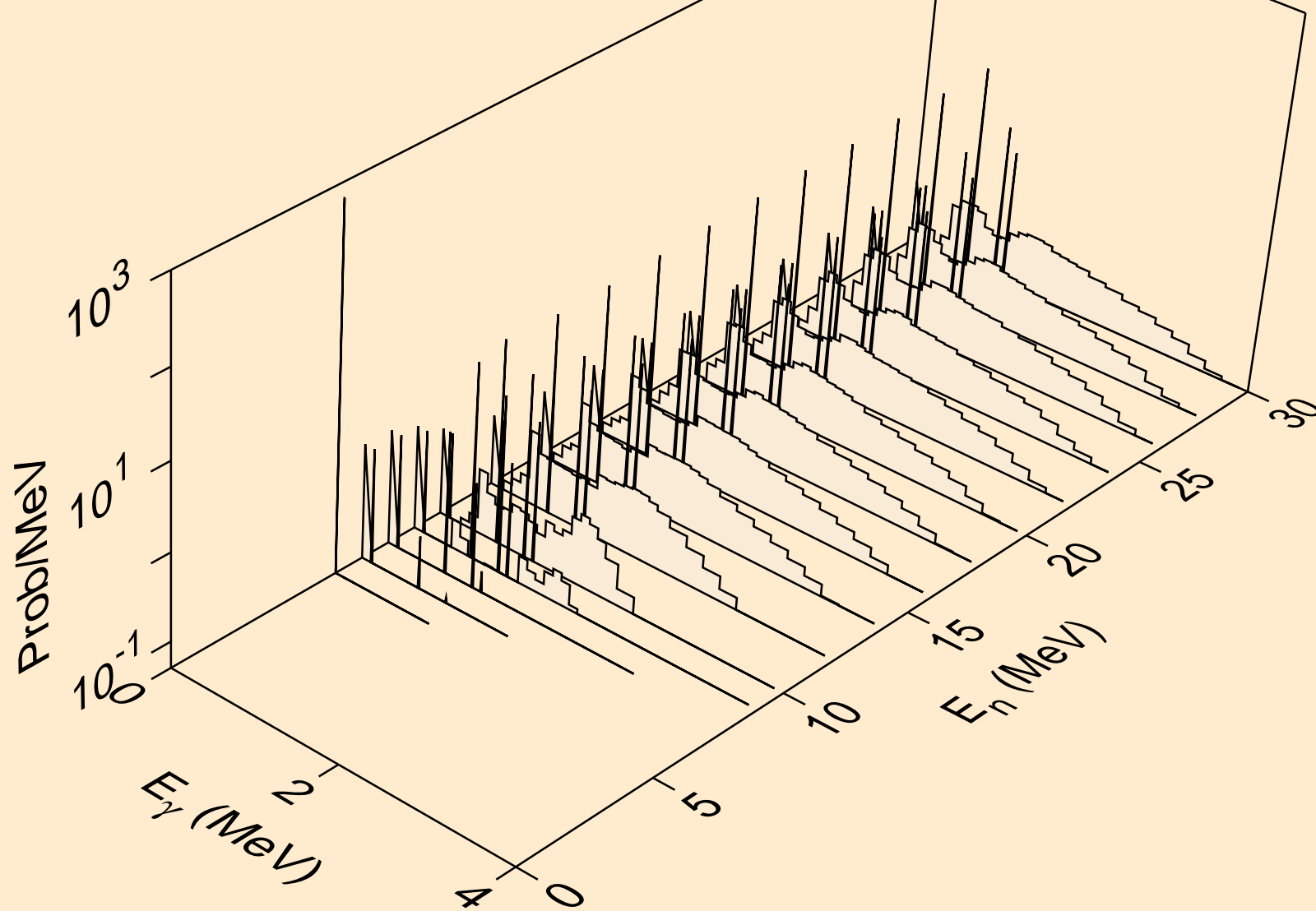
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Photon emission for (n,gma)



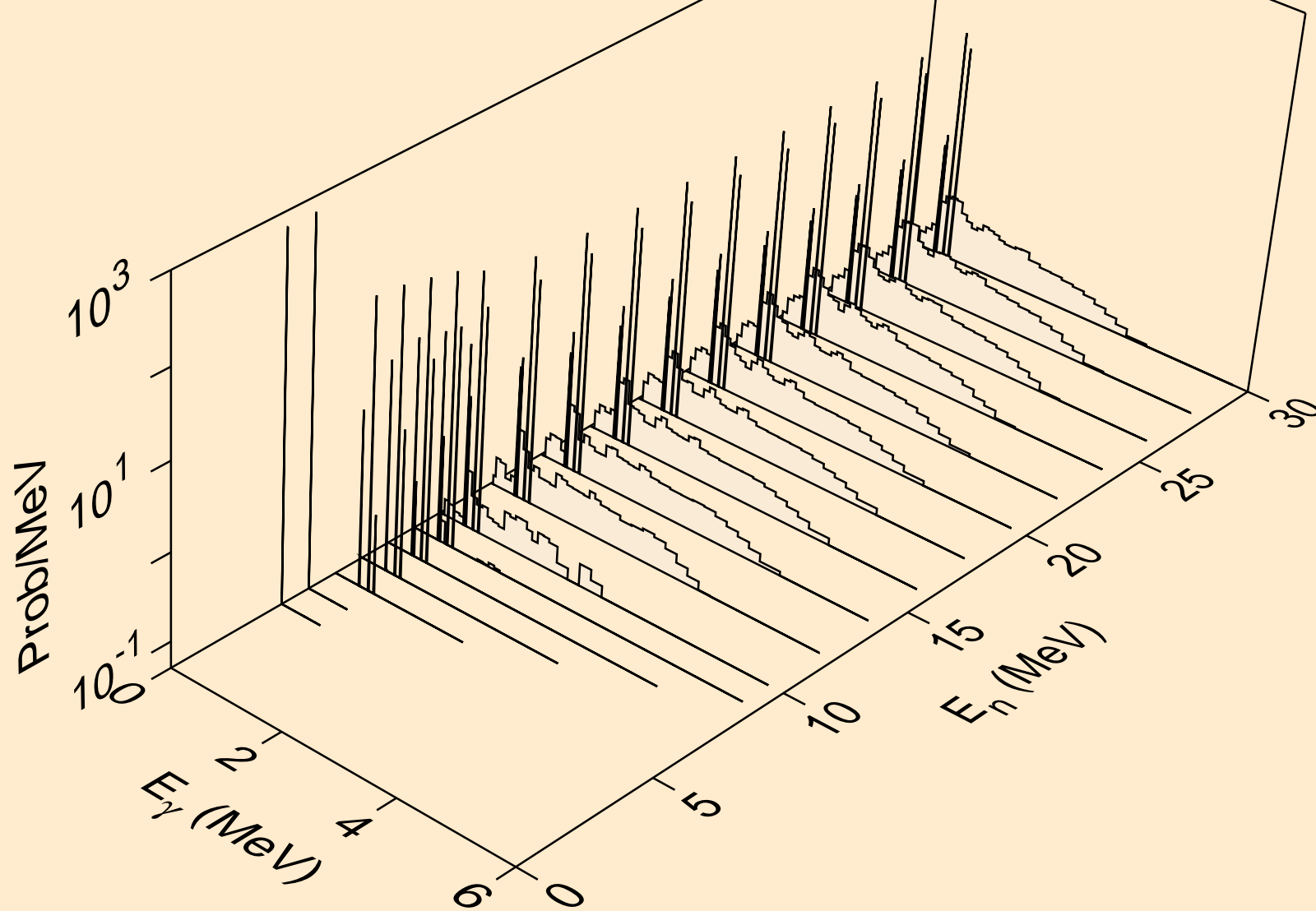
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



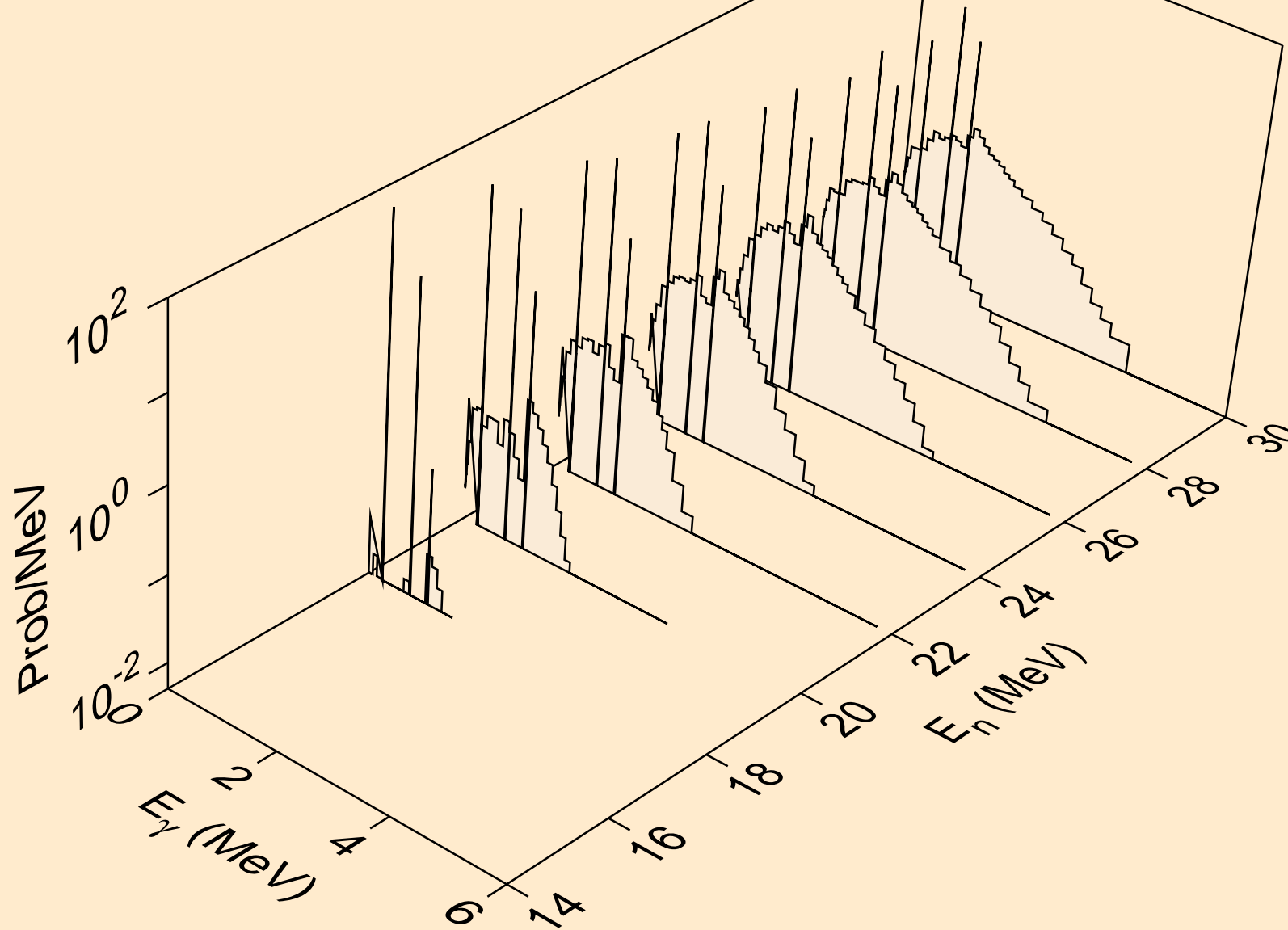
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Photon emission for (n,d)



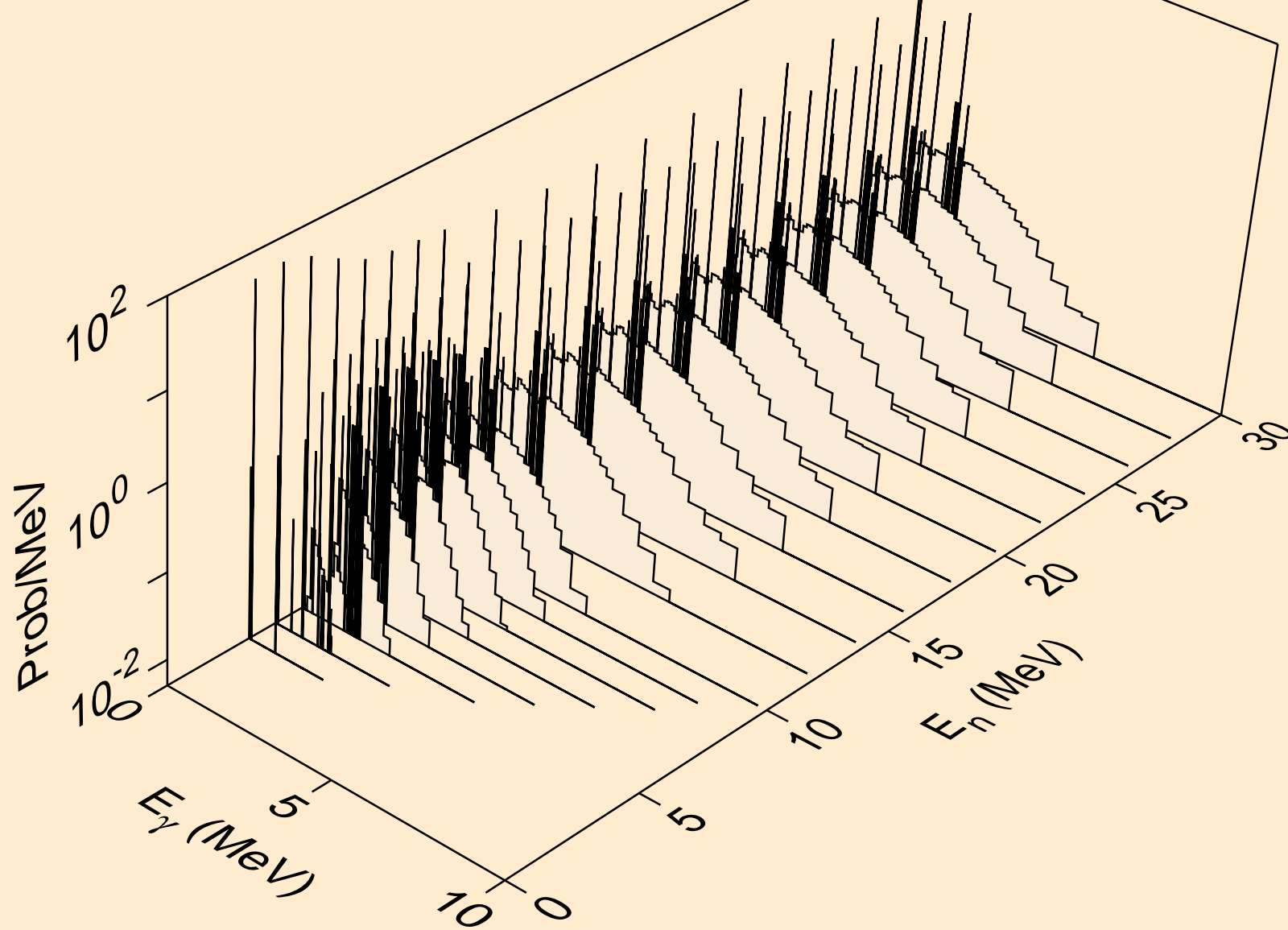
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

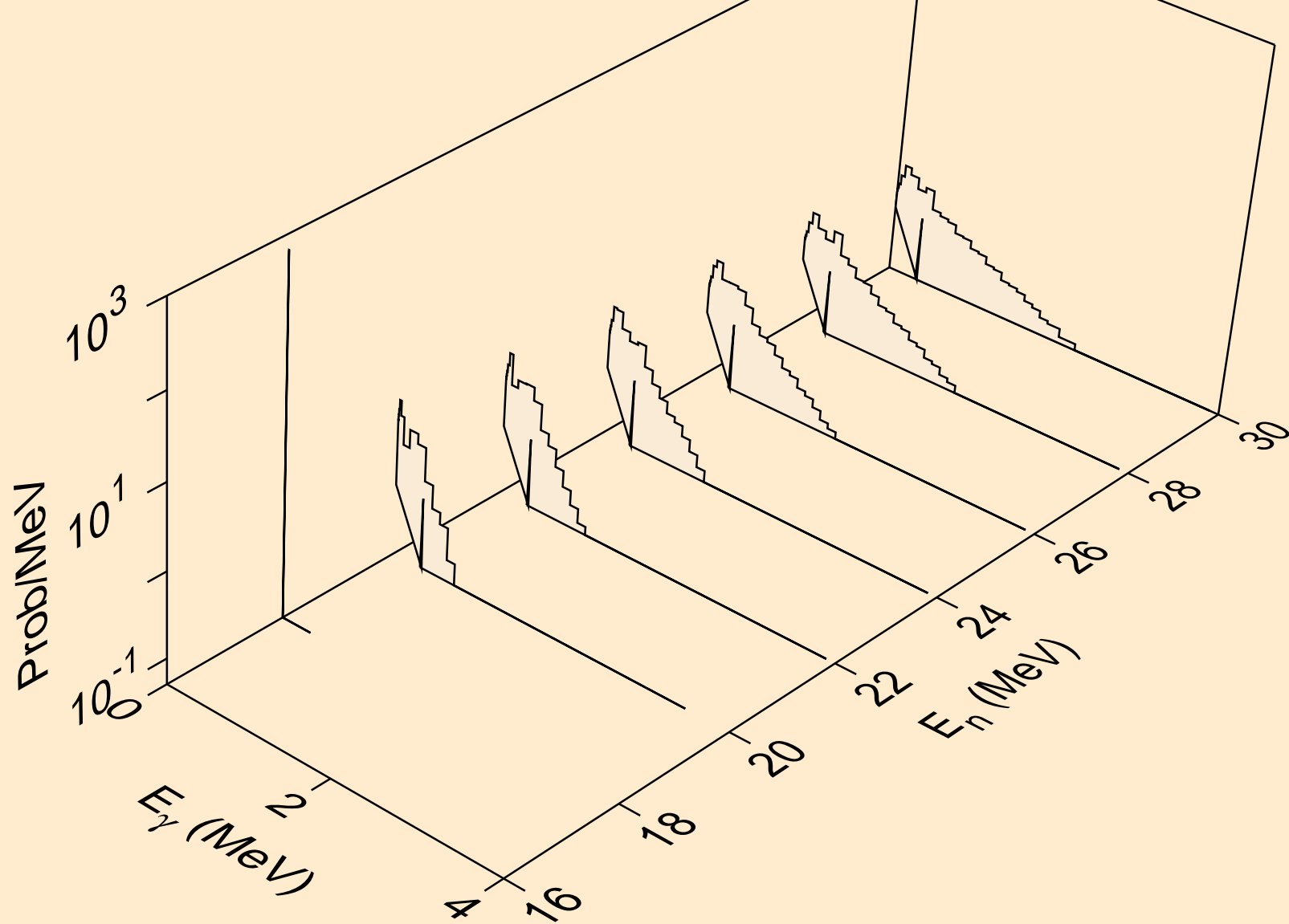


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Photon emission for (n,a)

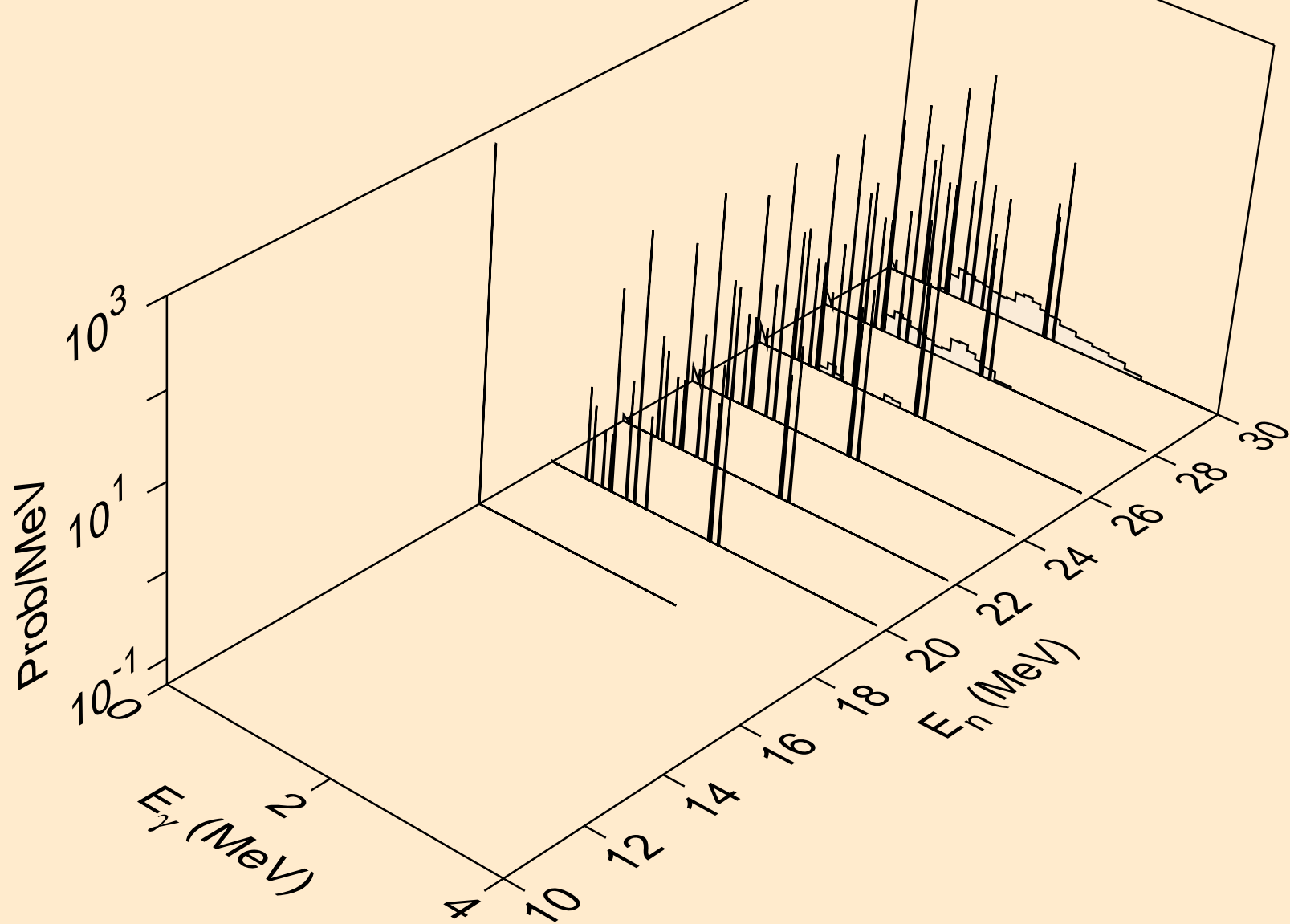




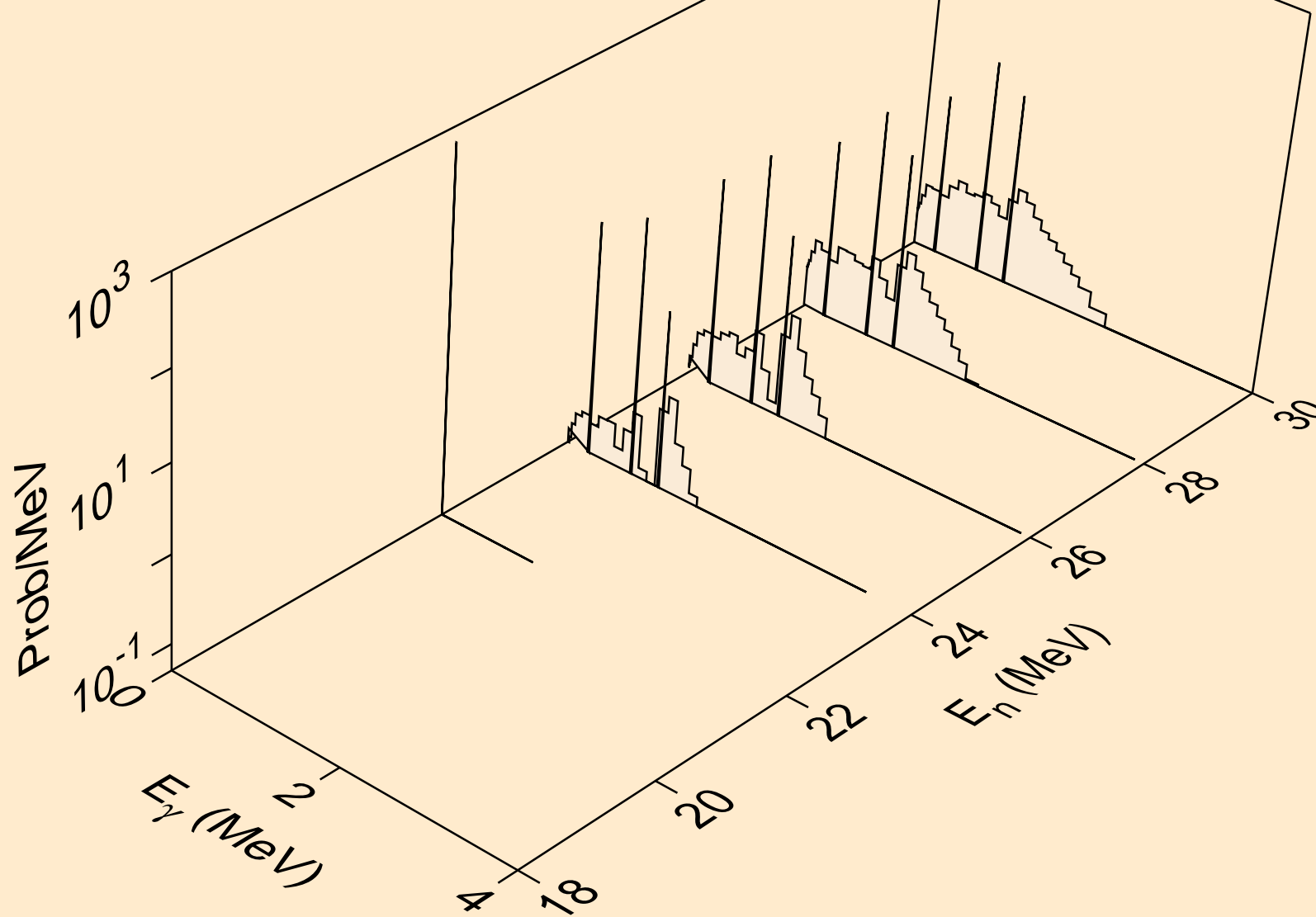
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Photon emission for (n,2p)



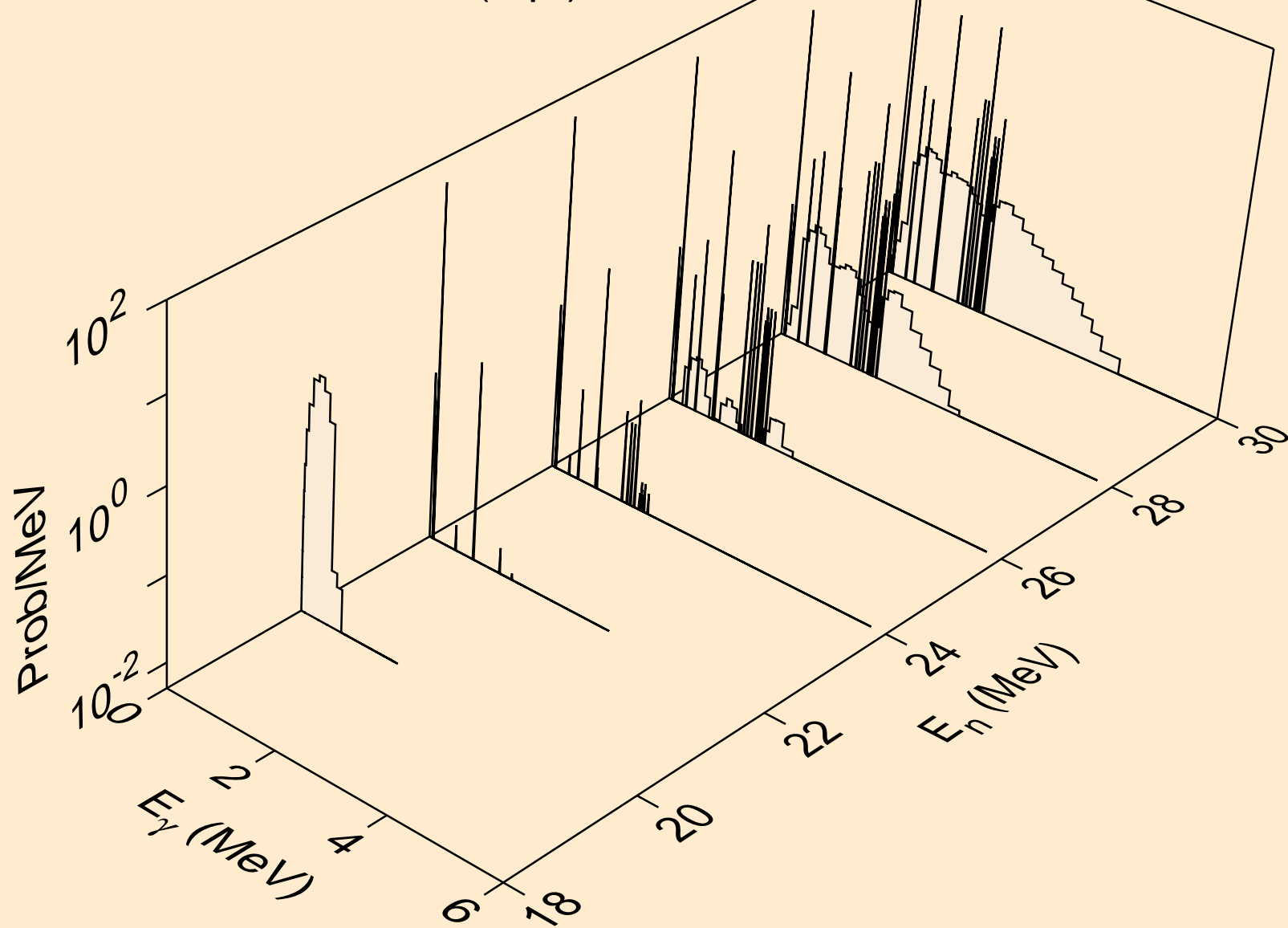
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Photon emission for (n,pa)



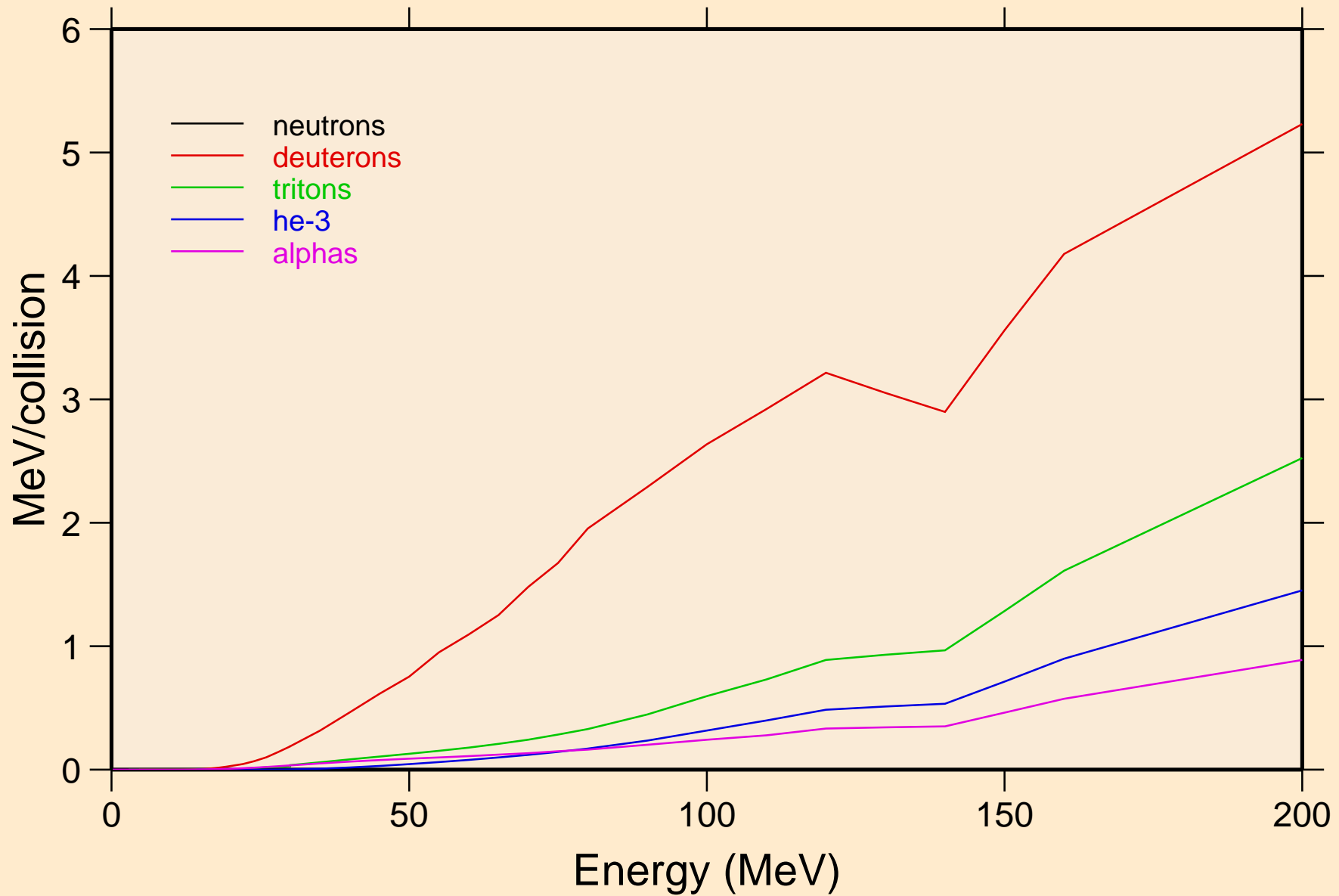
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

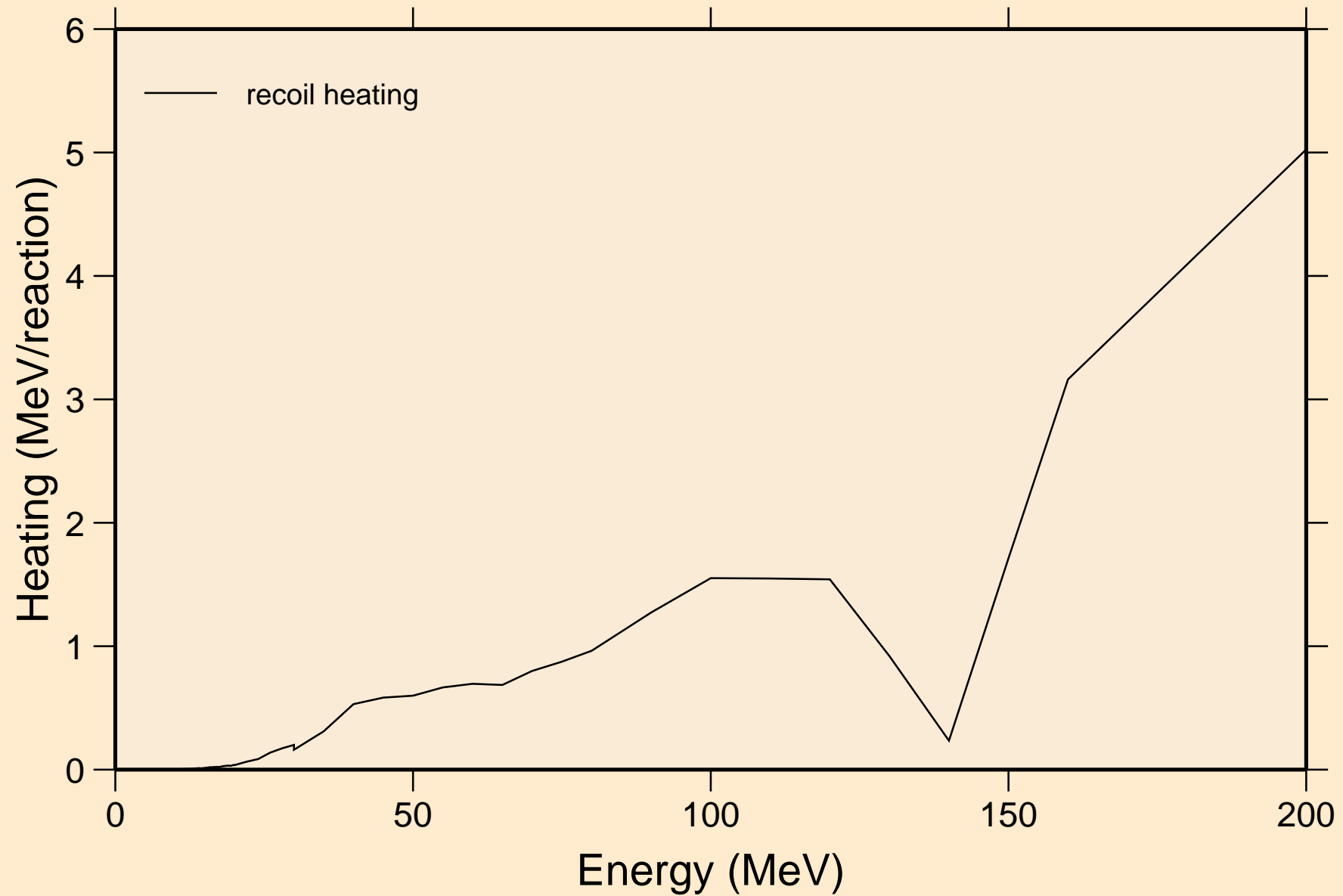


ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

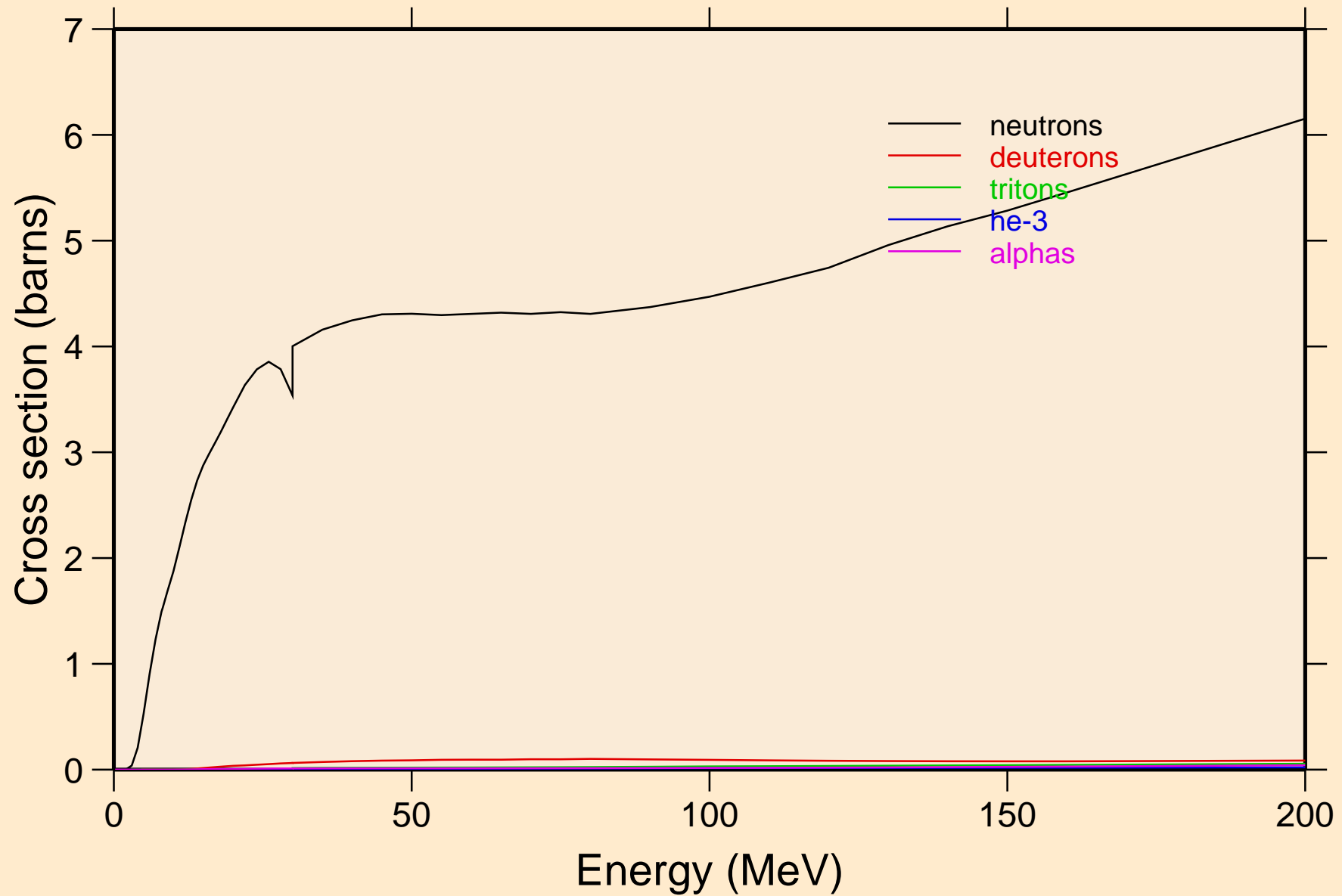


# ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K

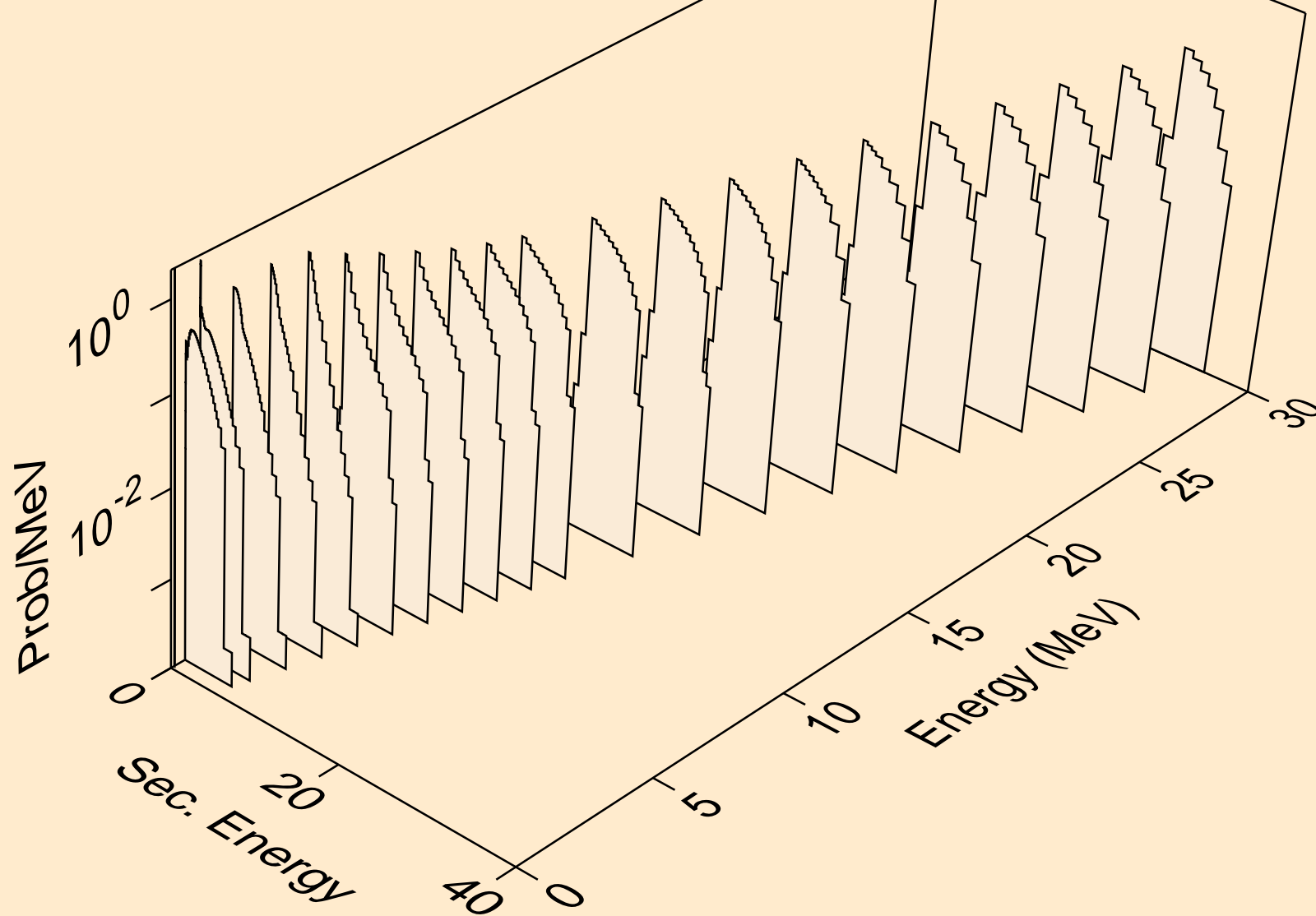
## Recoil Heating



ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

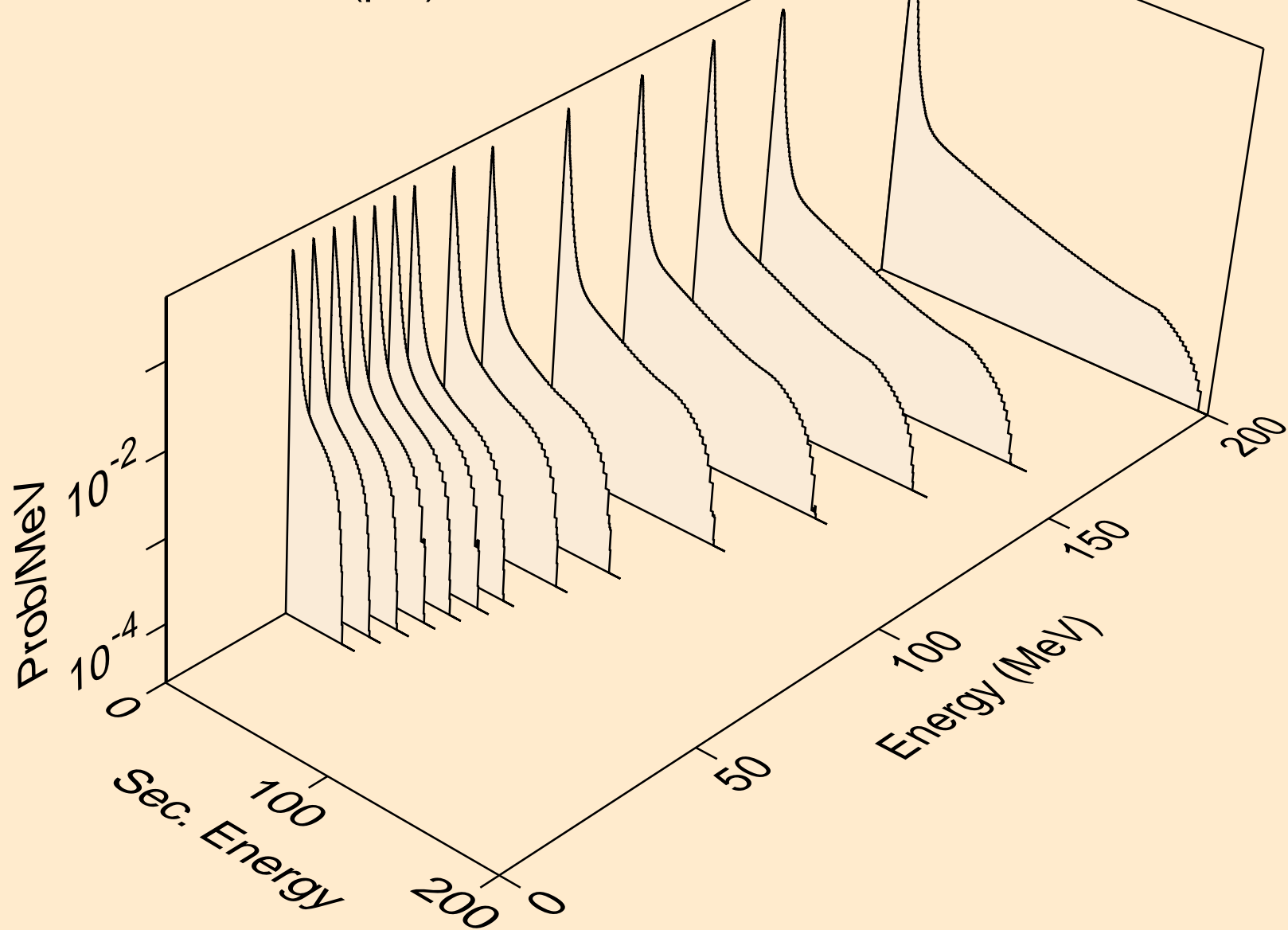


ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)

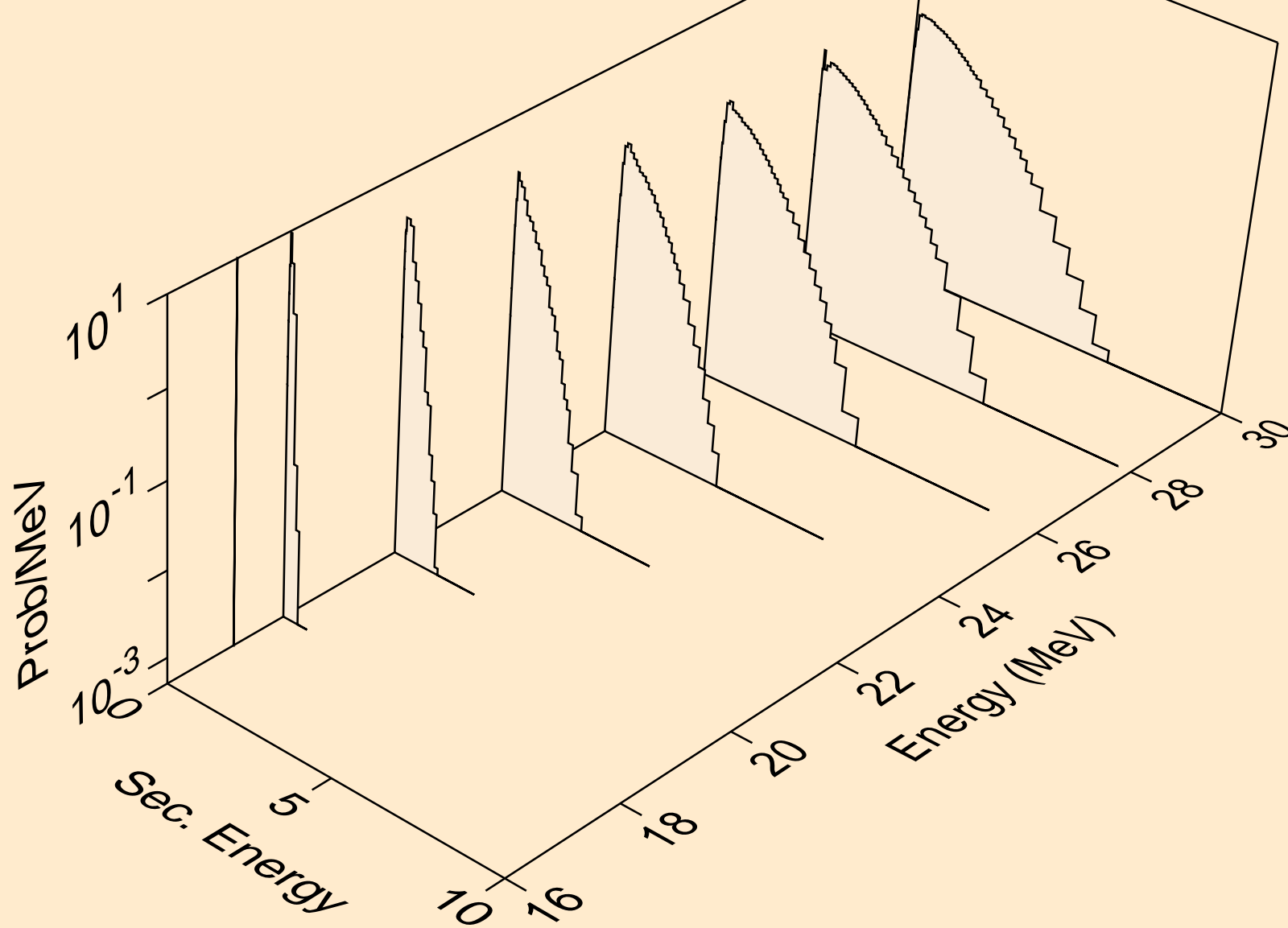




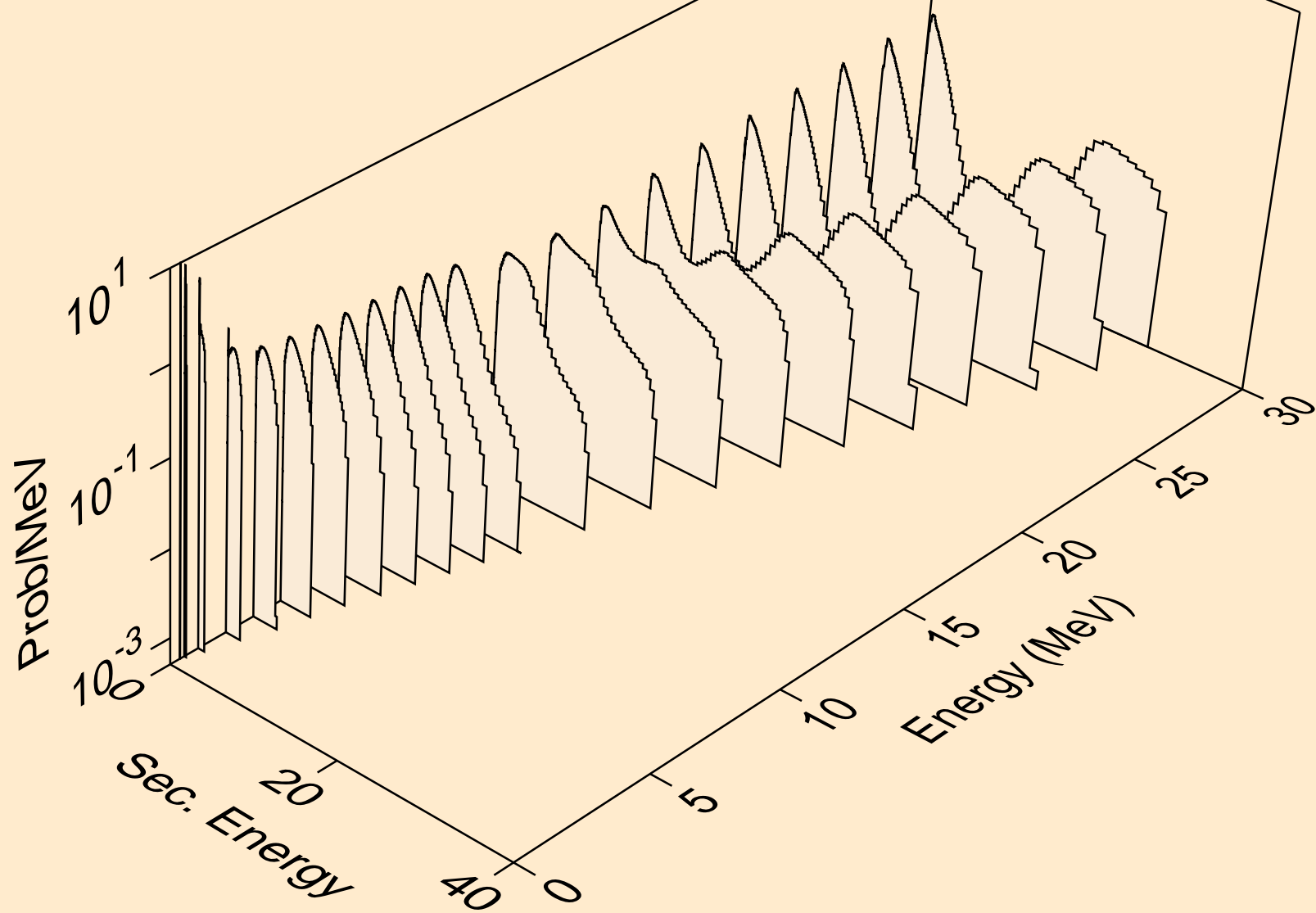
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



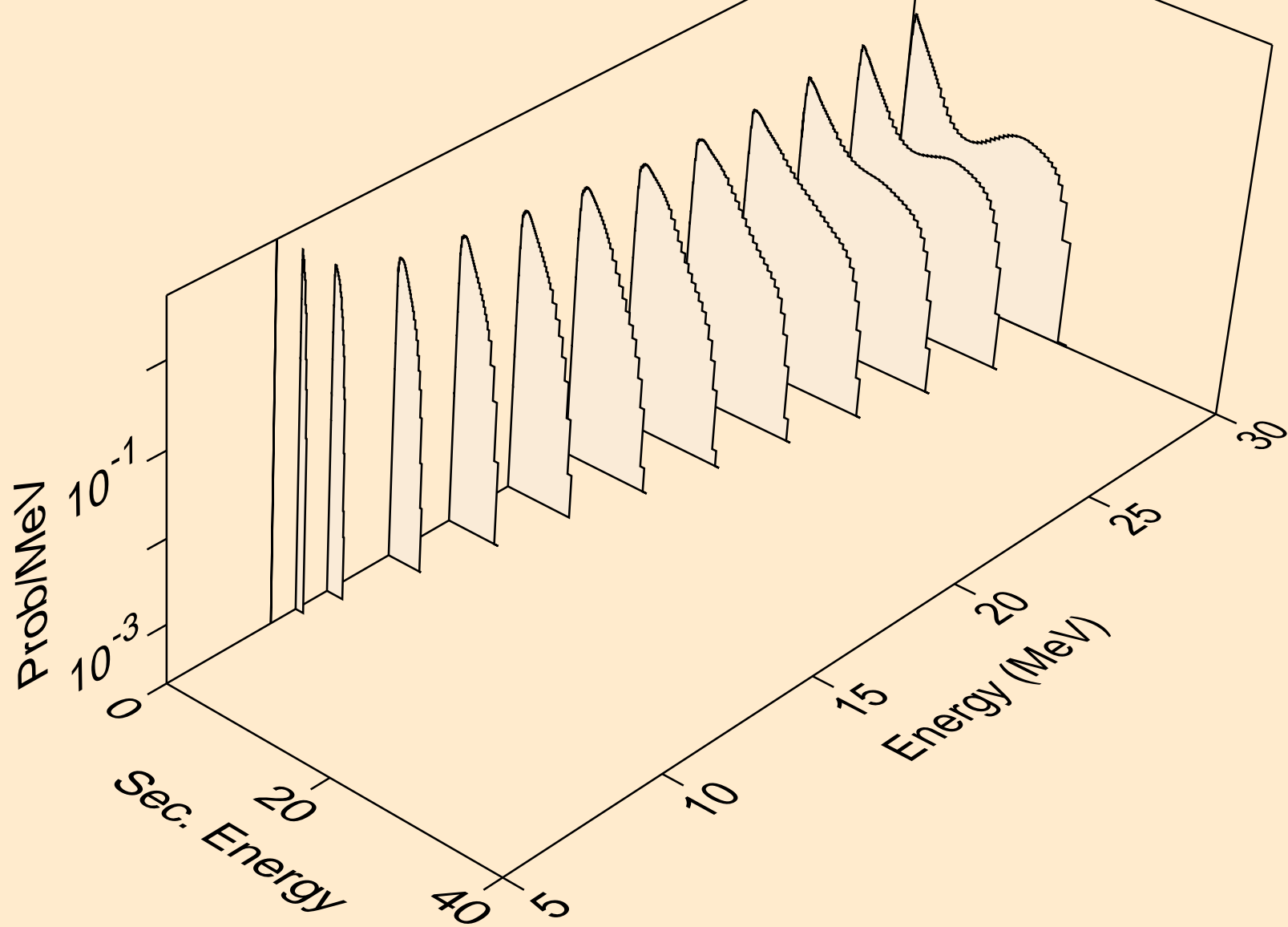
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)



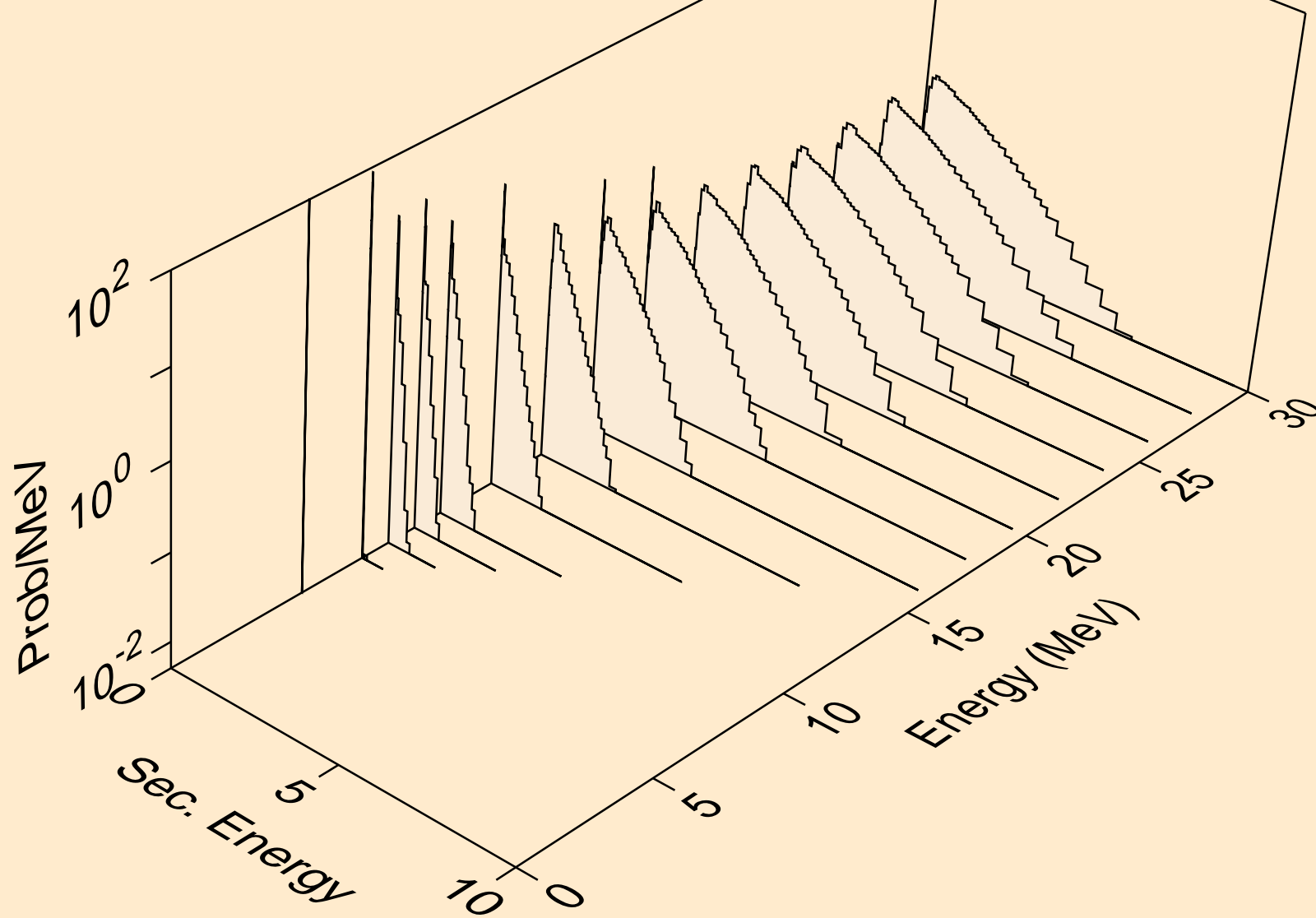
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)



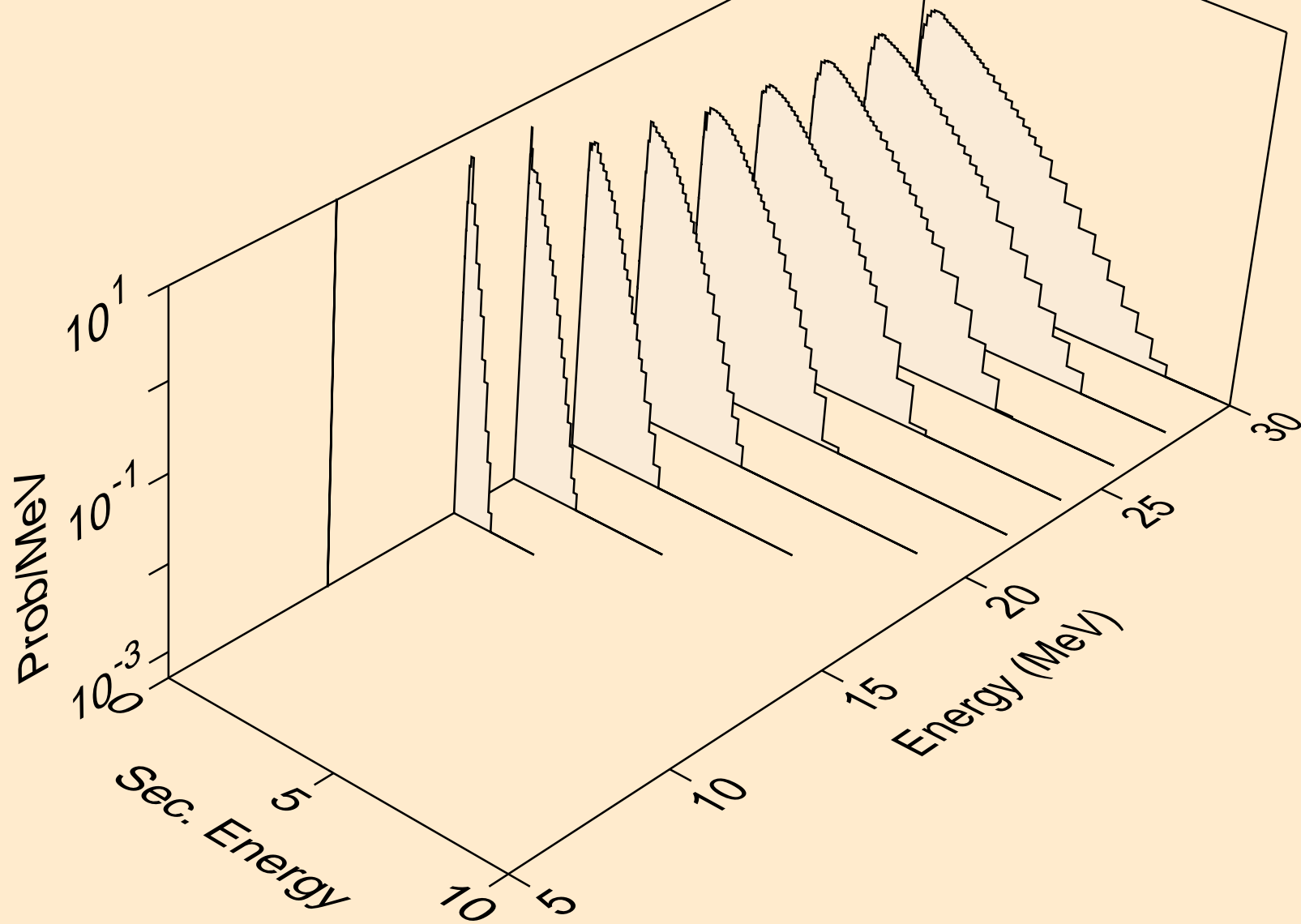
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



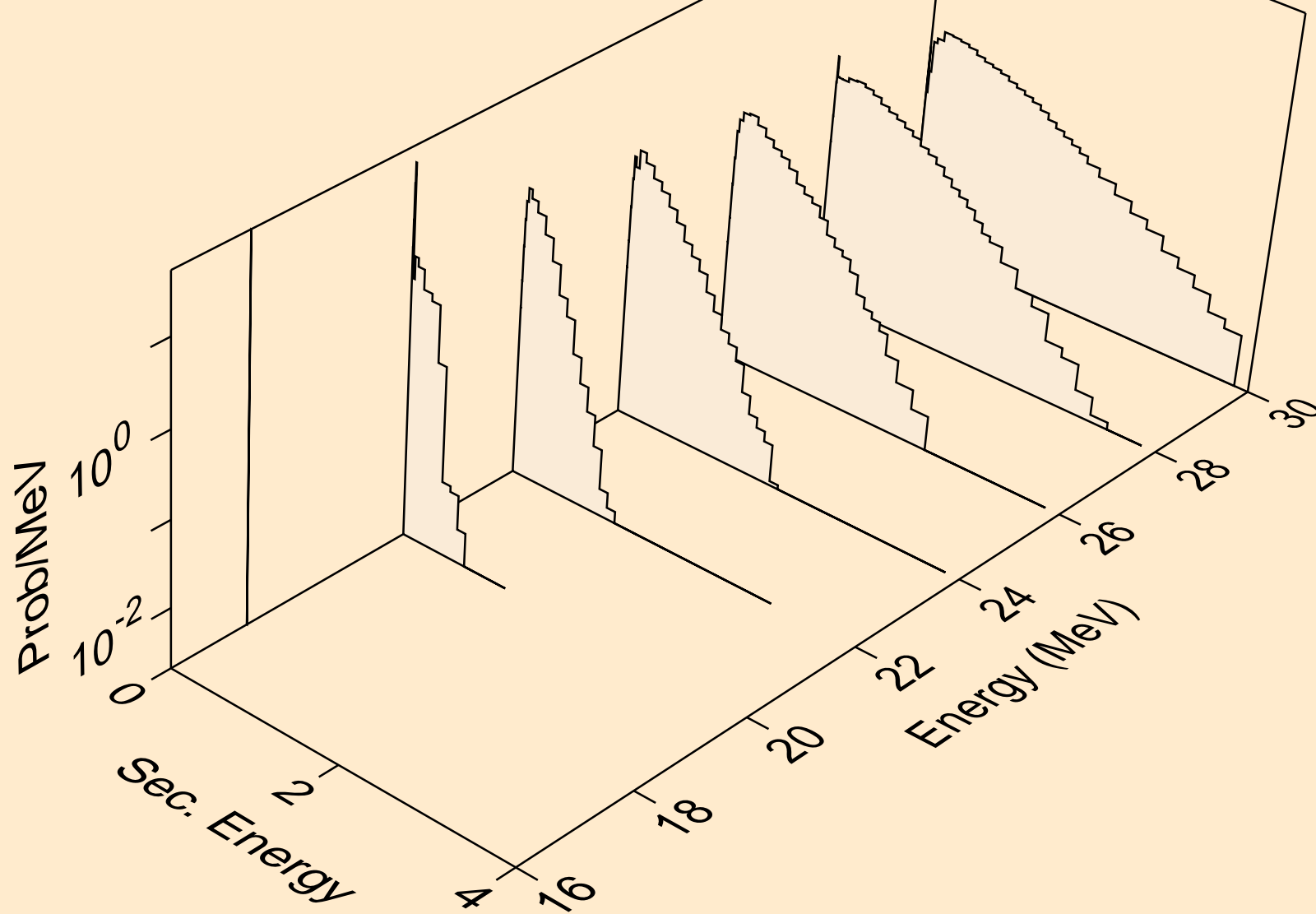
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



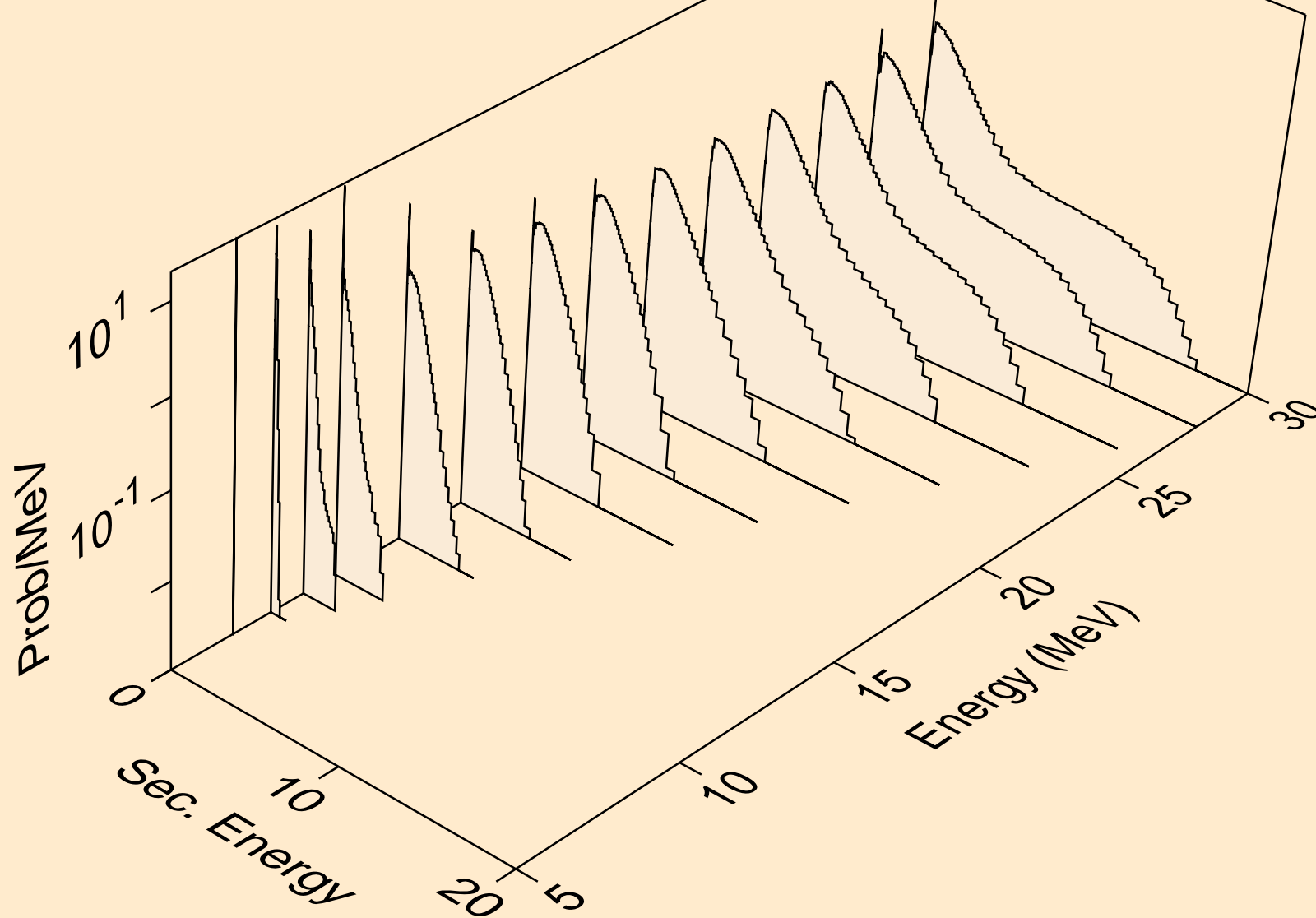
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)a

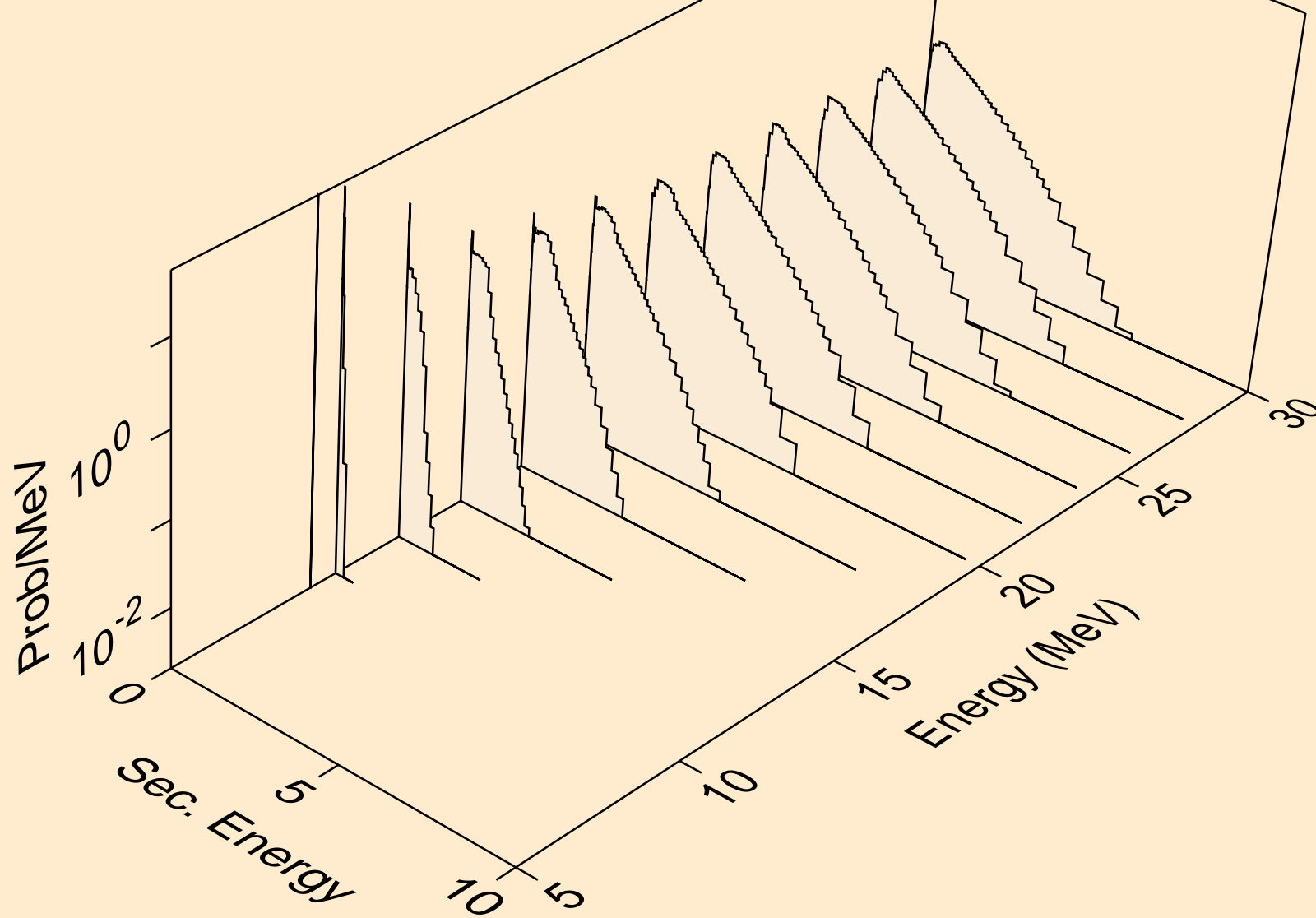


ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p

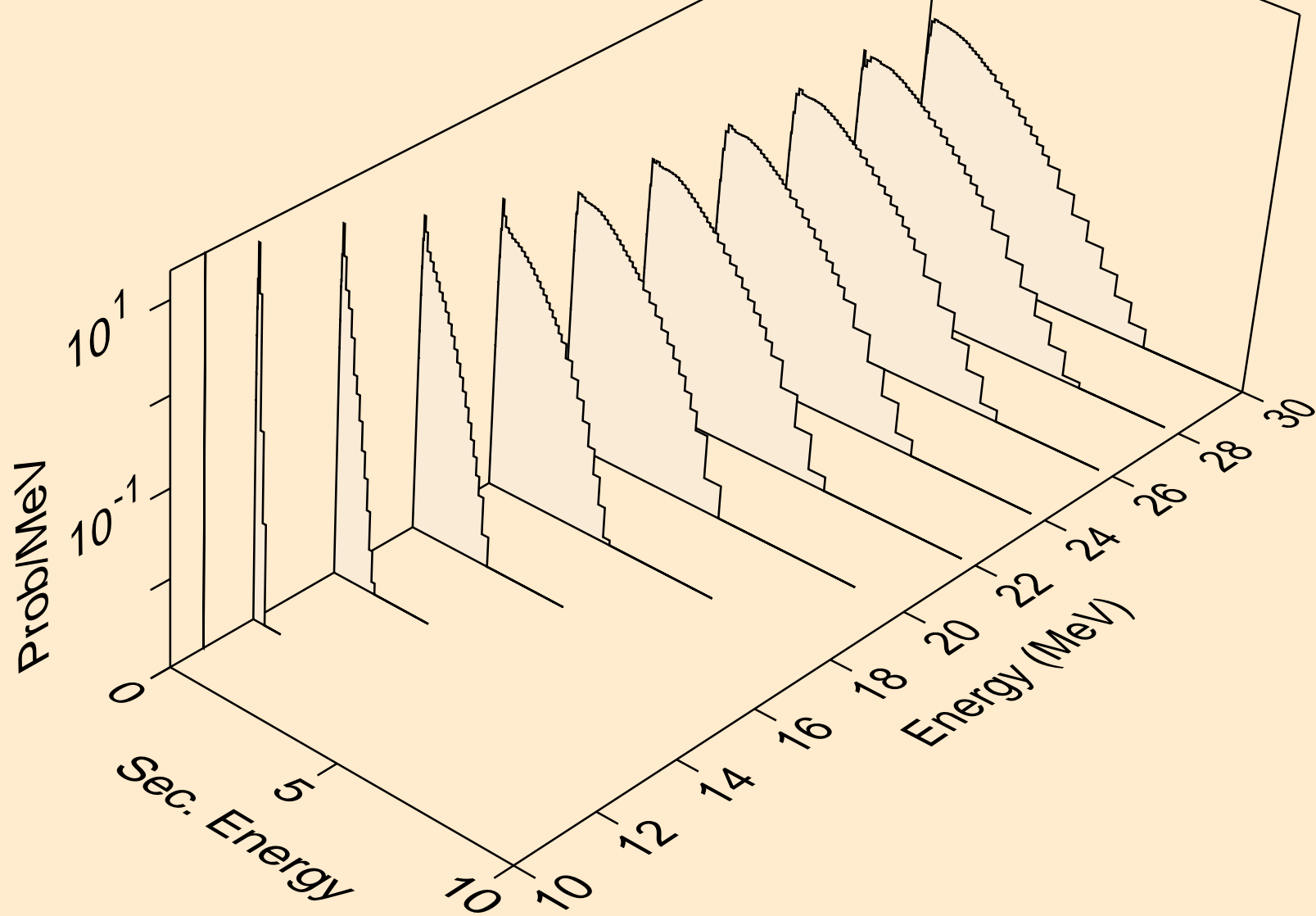




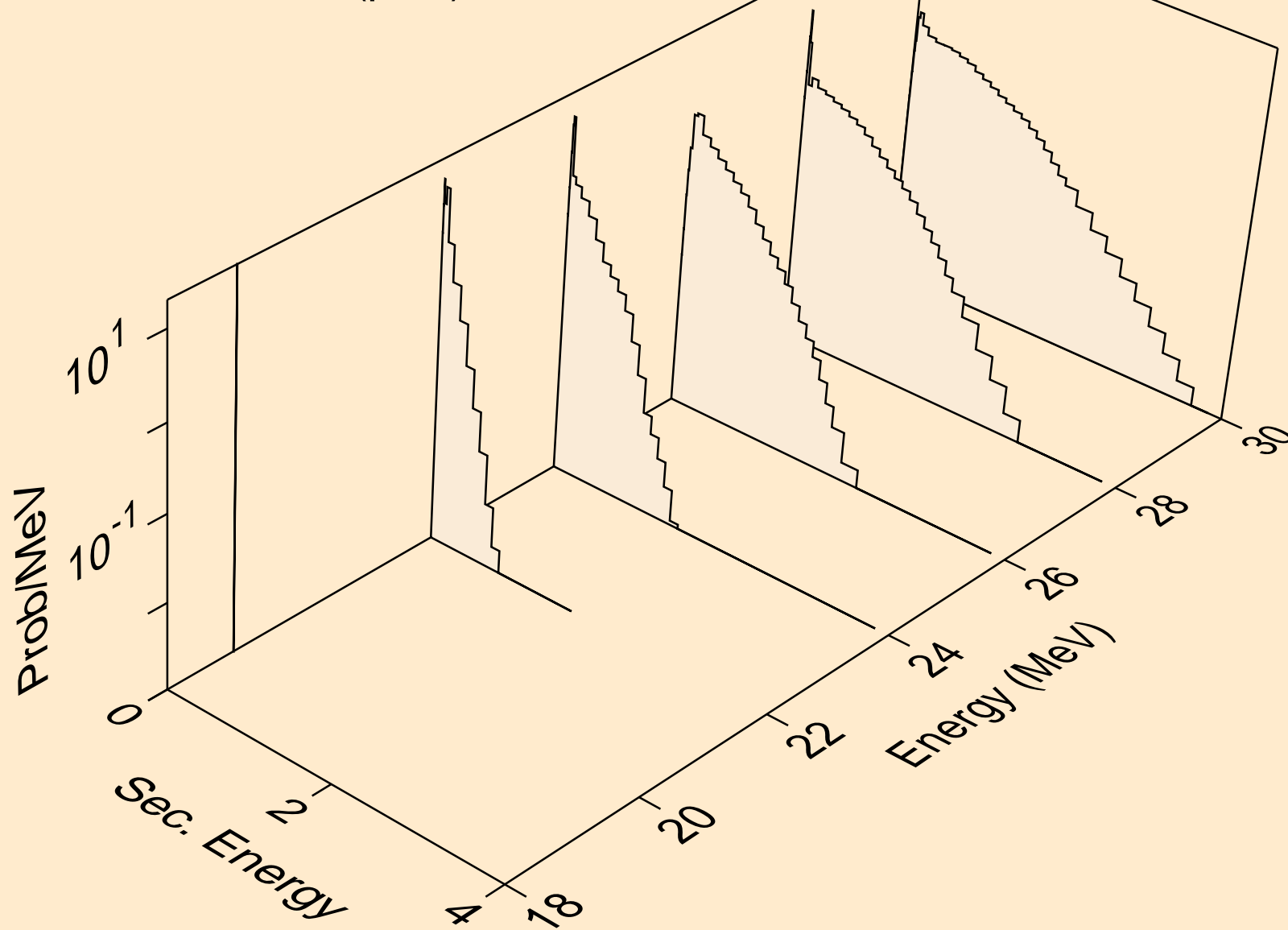
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neutrons from (p,n\*)d



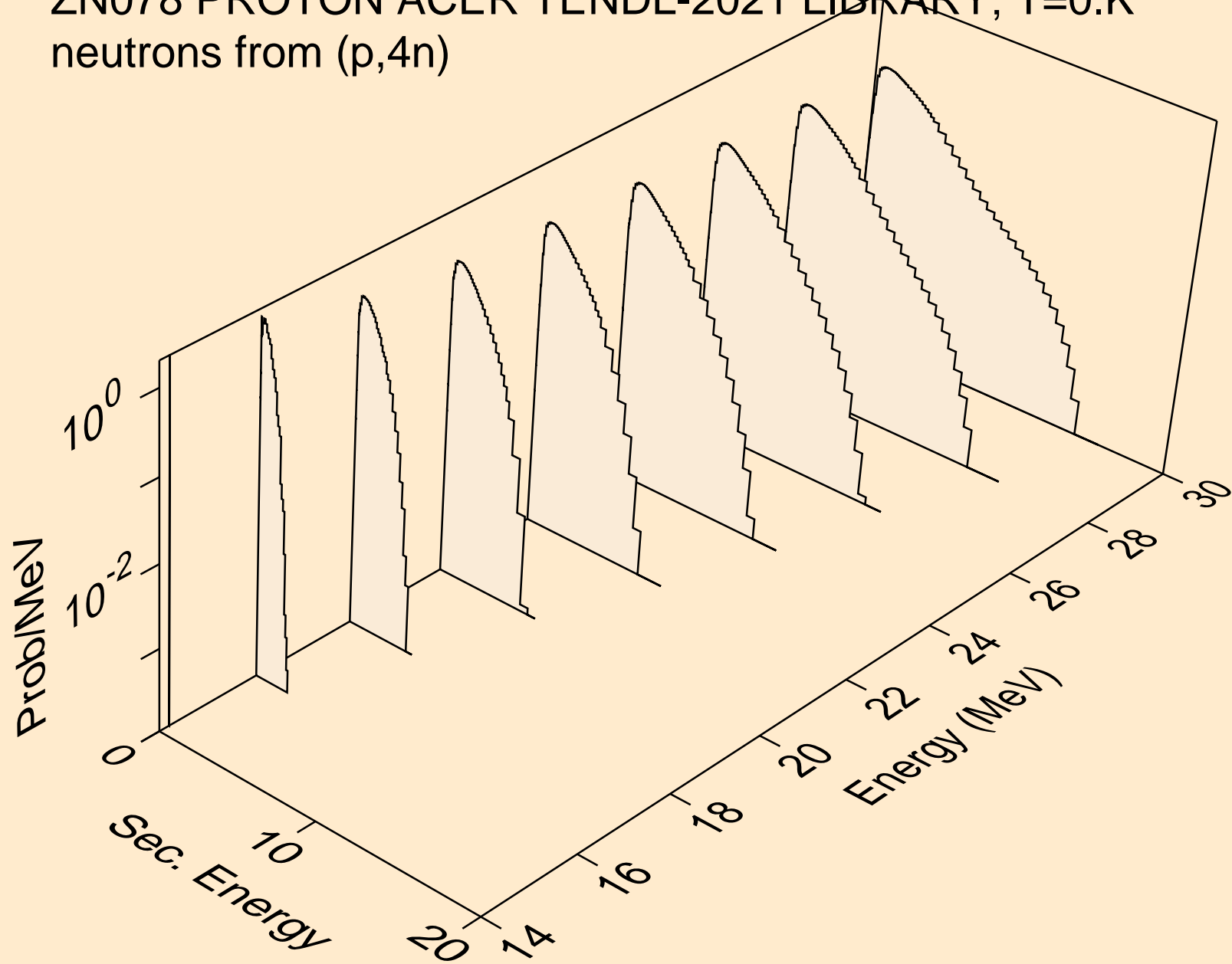
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neutrons from (p,n\*)t



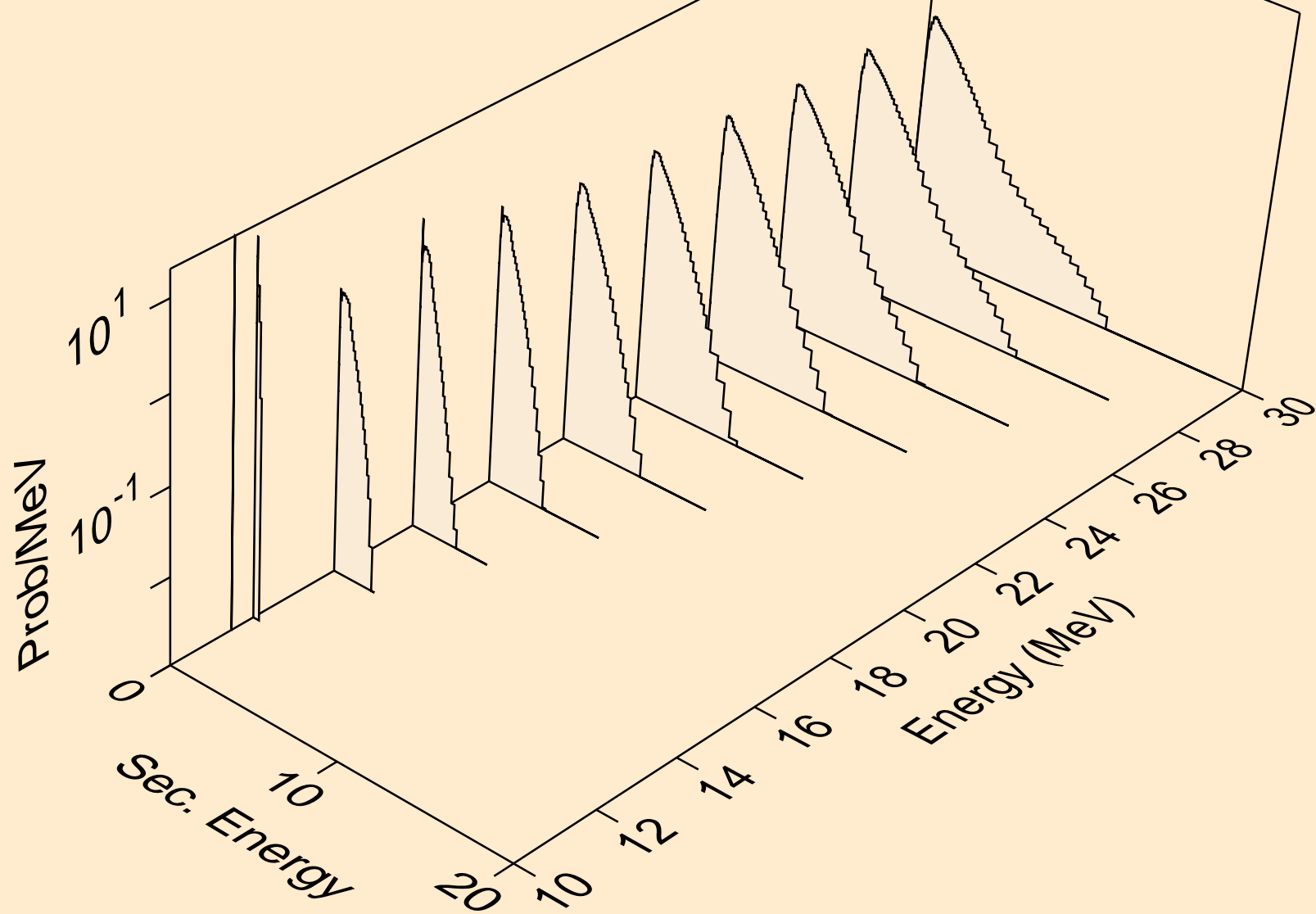
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



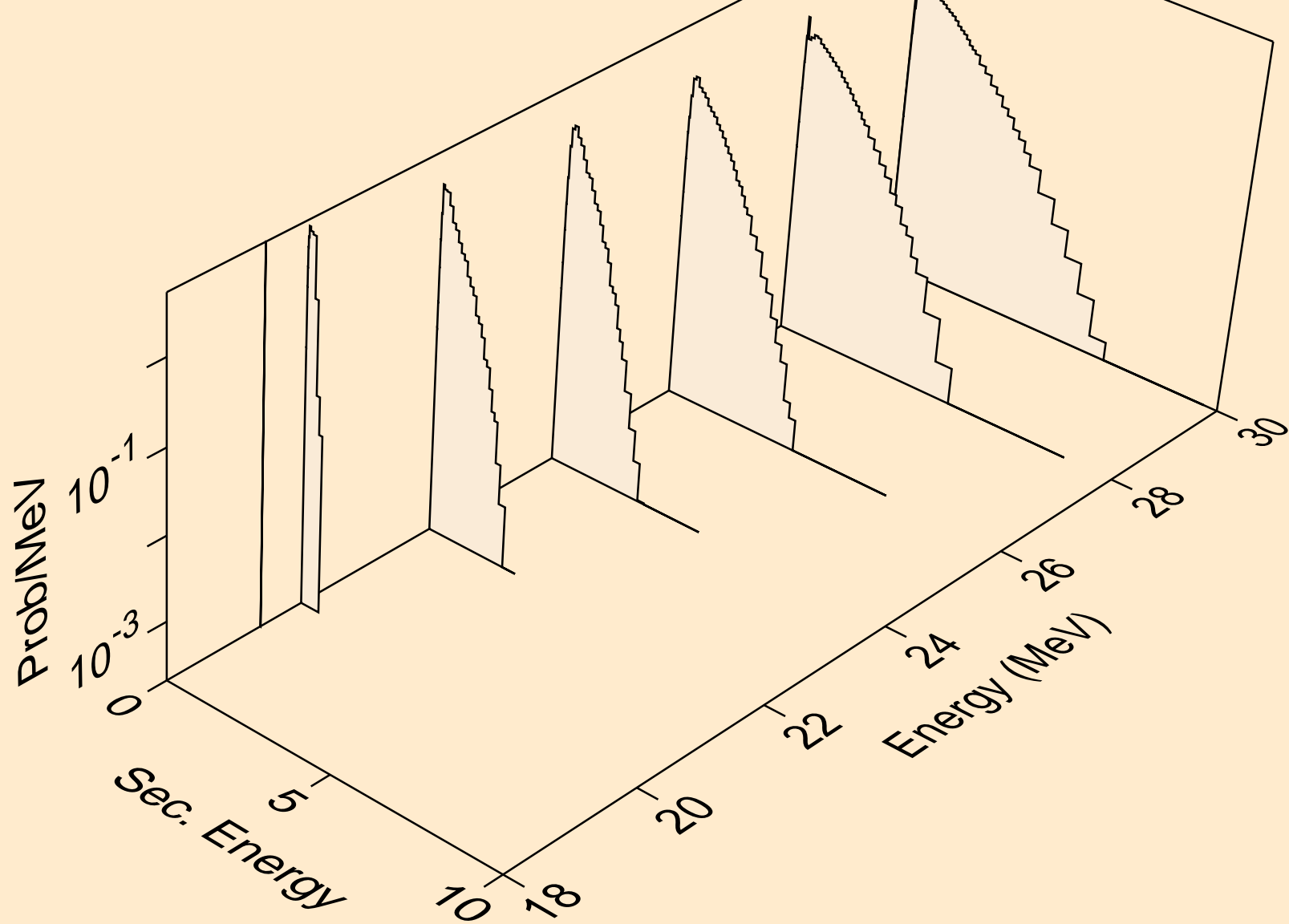
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,4n)



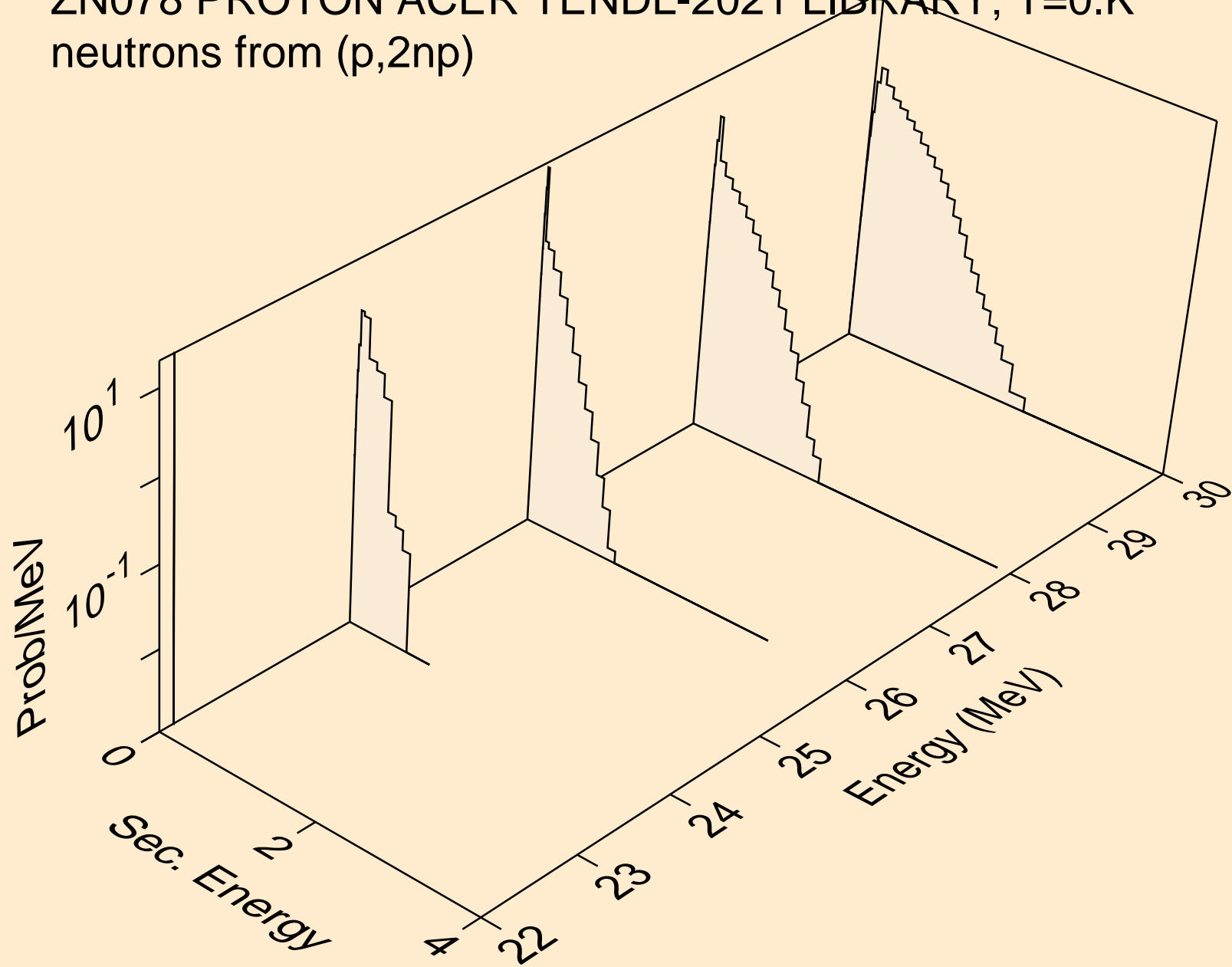
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neutrons from (p,2np)



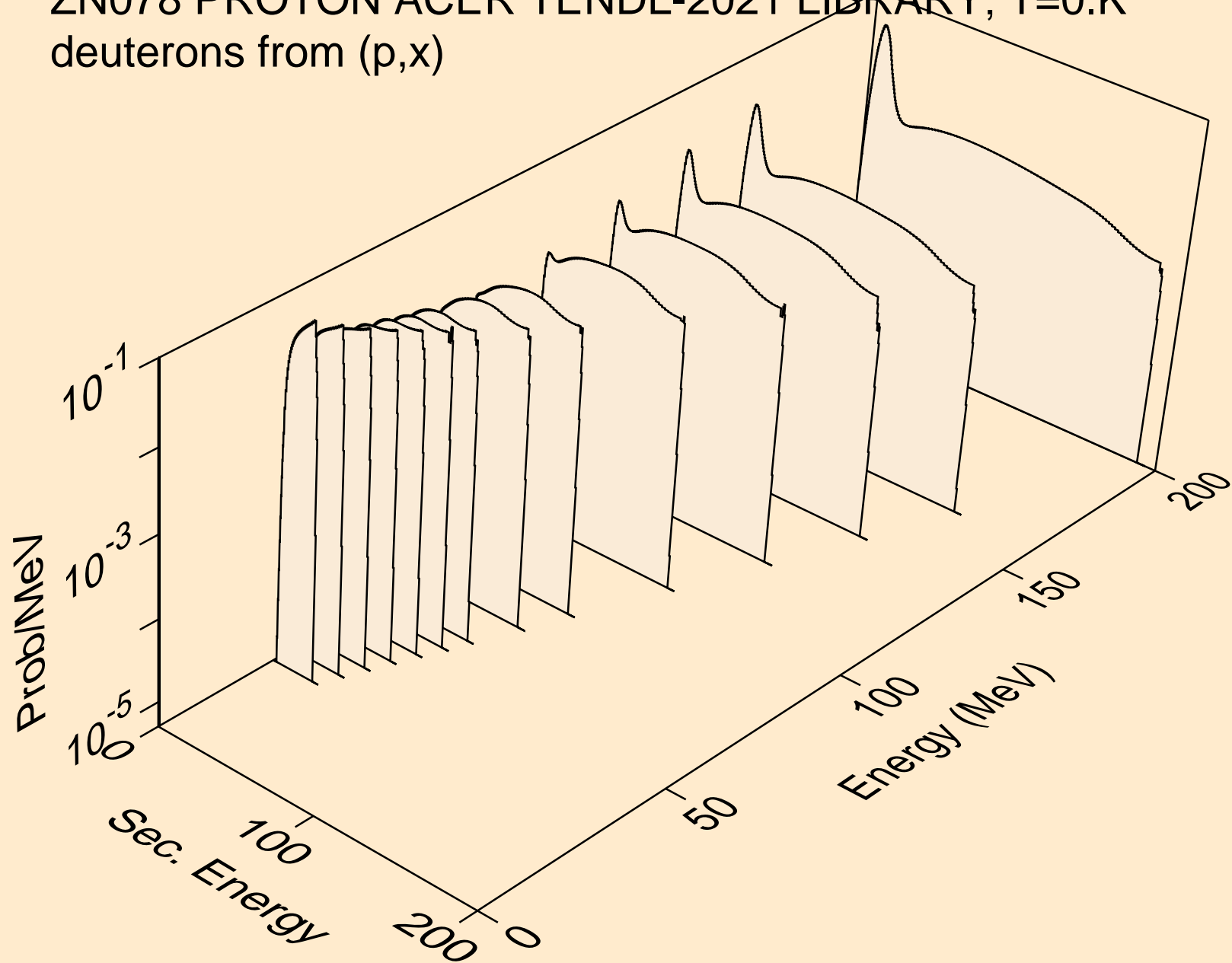
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)



ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)

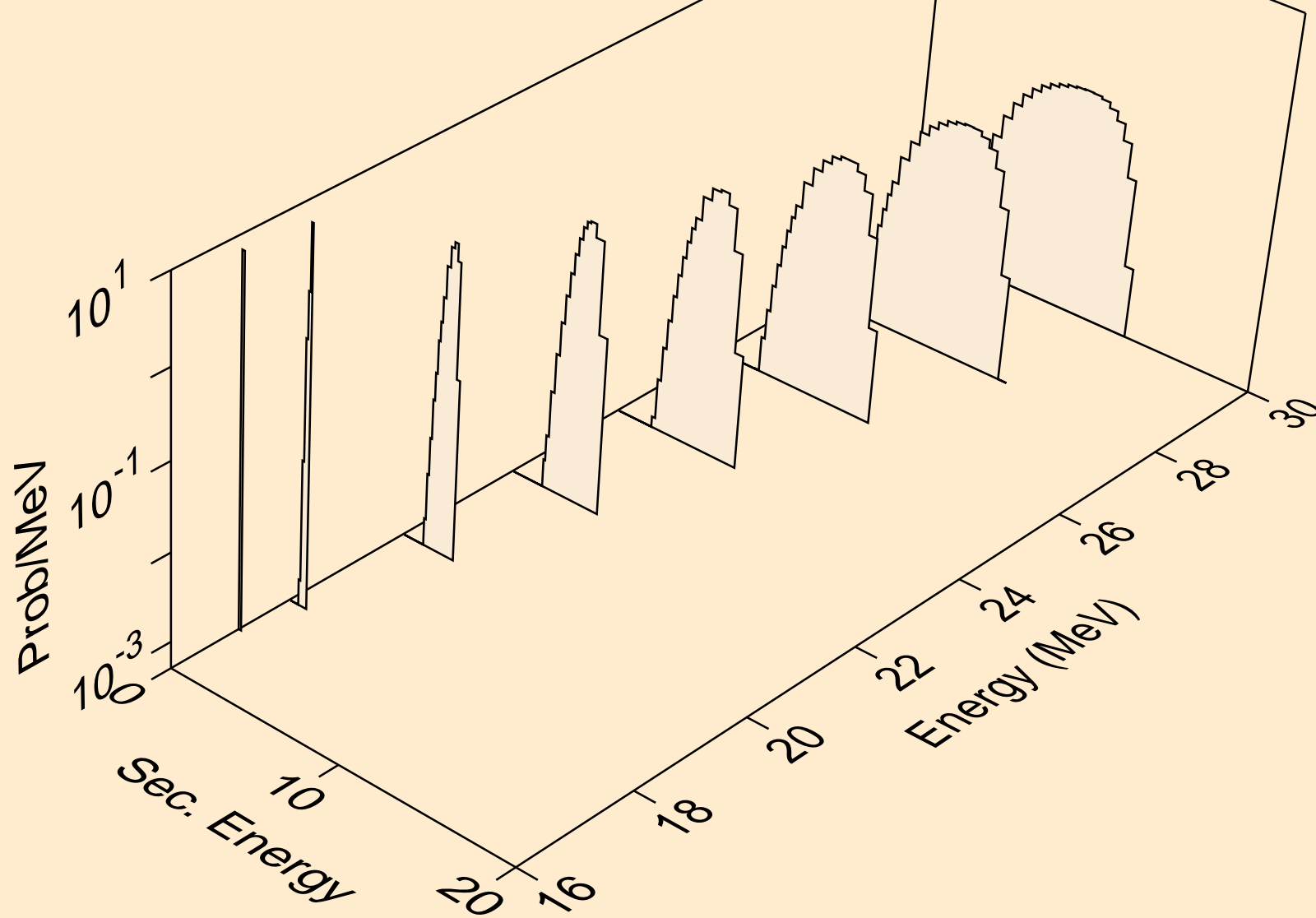


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deuterons from (p,x)

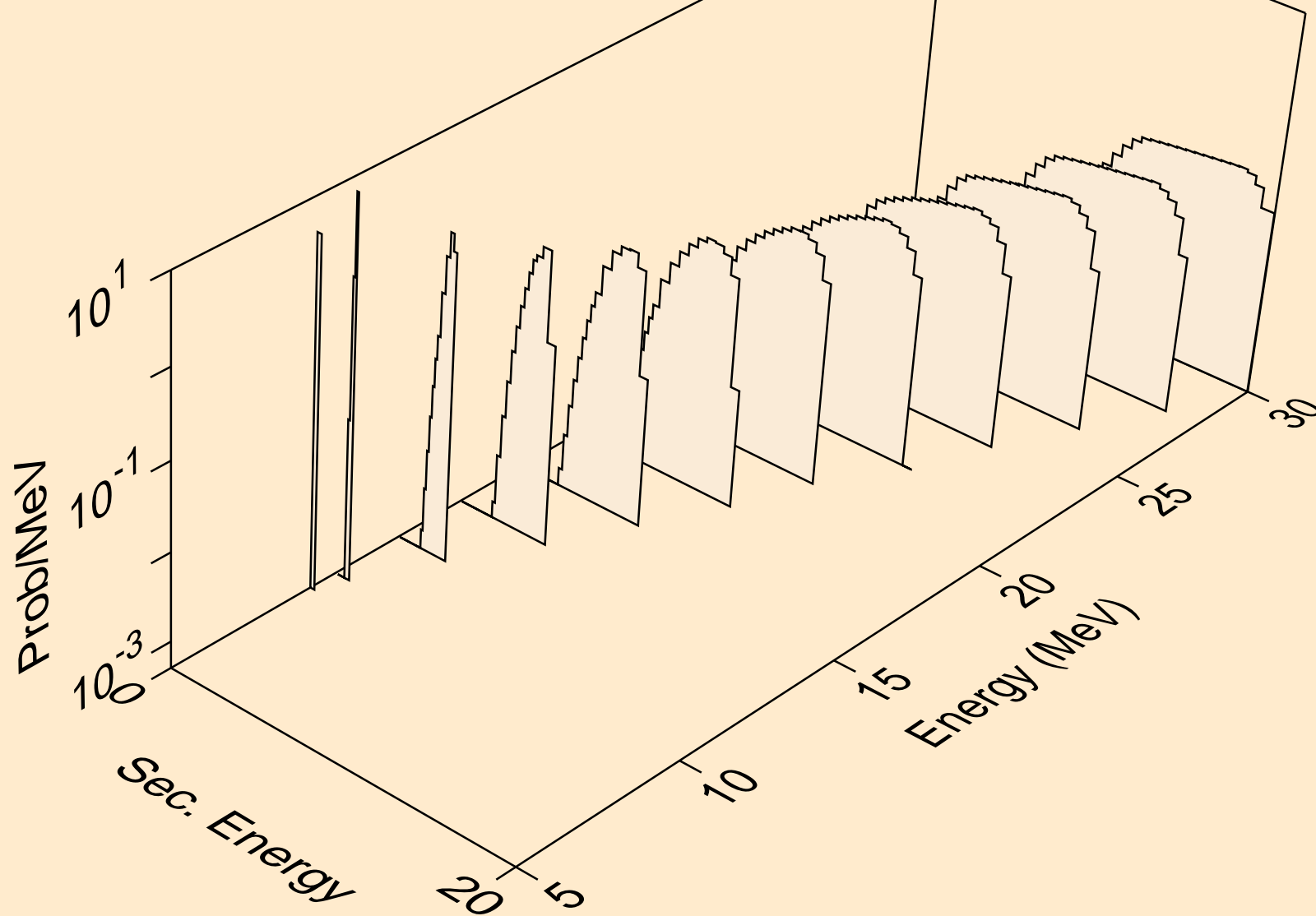




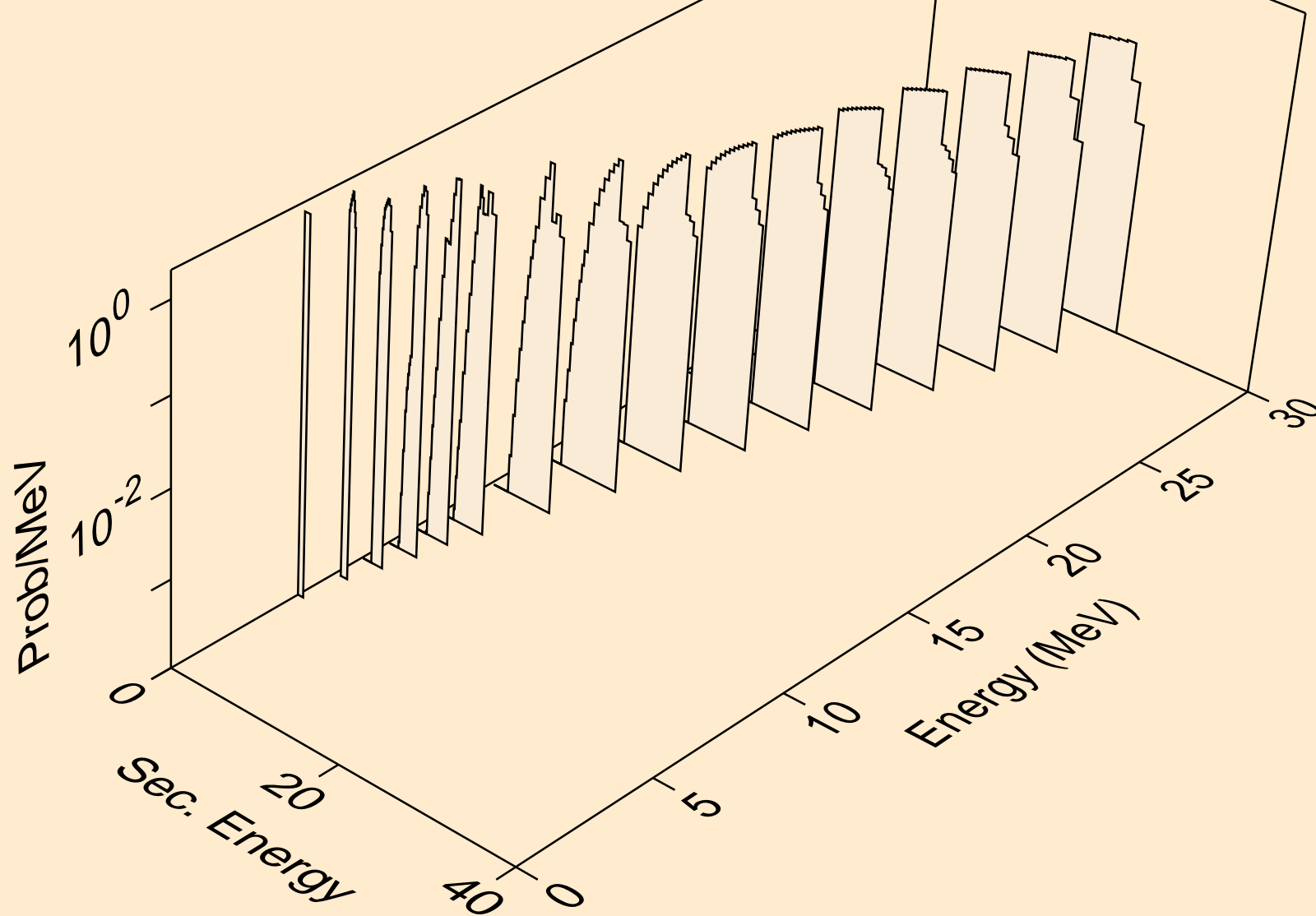
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deuterons from (p,2nd)



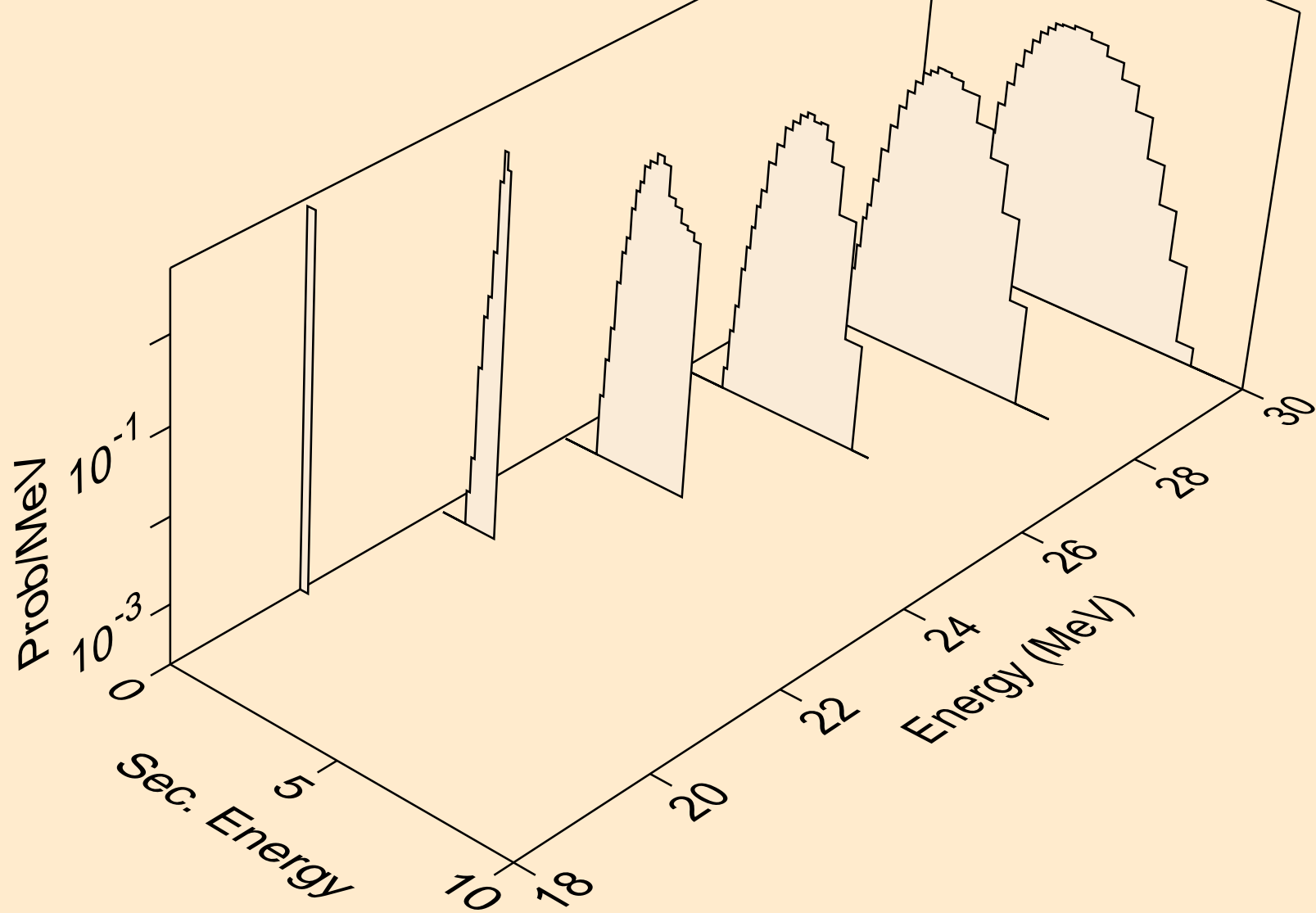
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



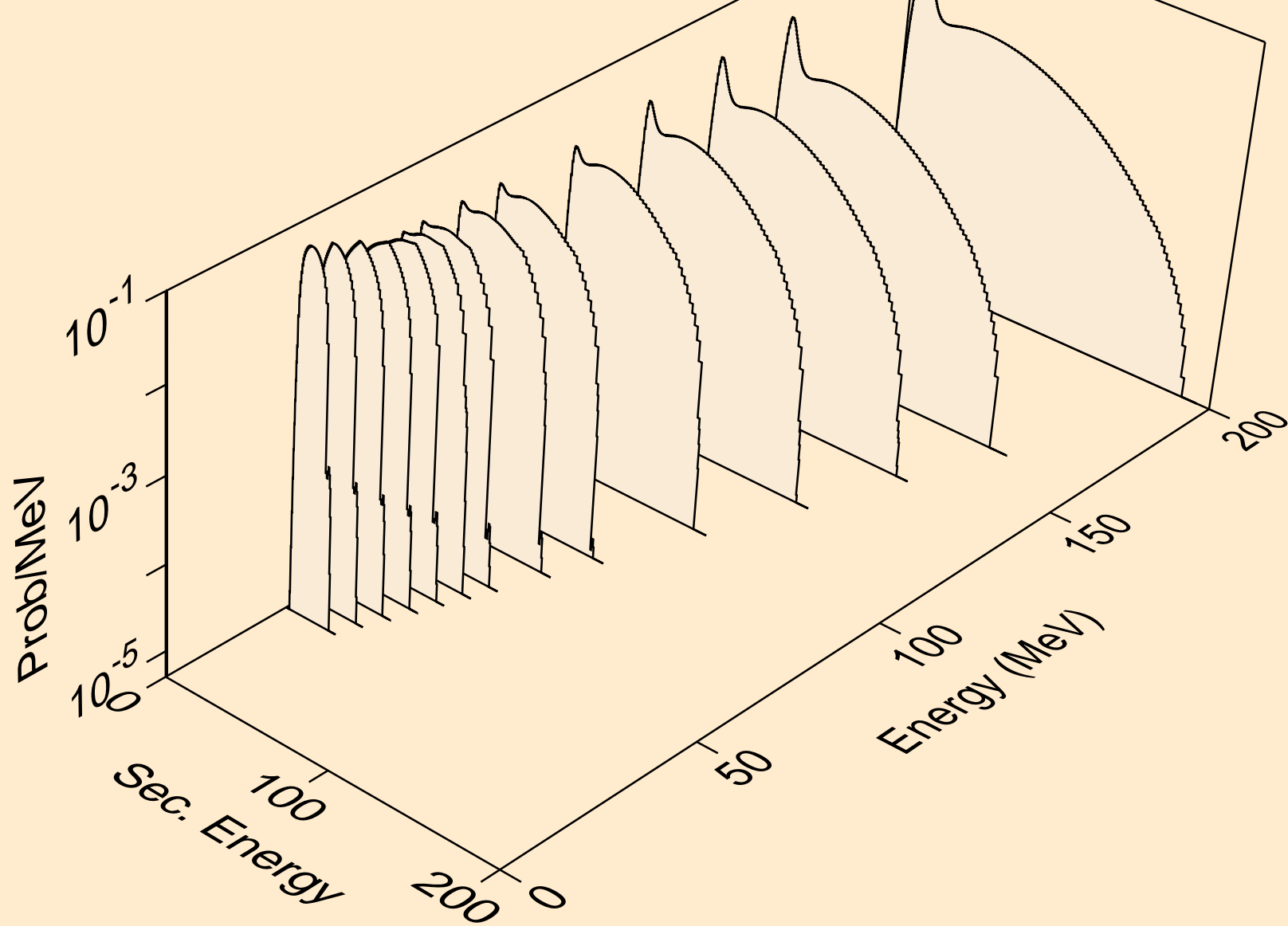
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



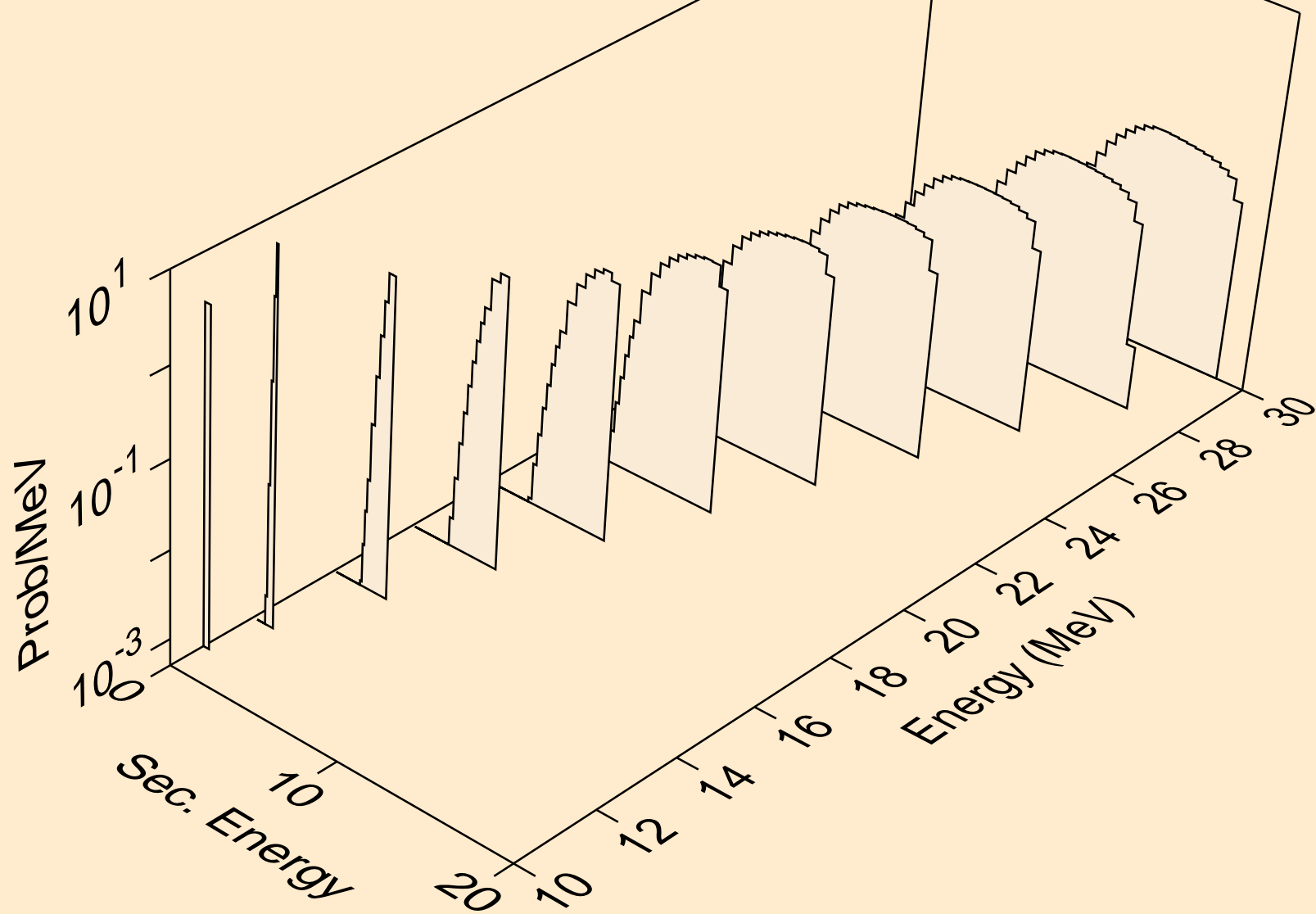
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)



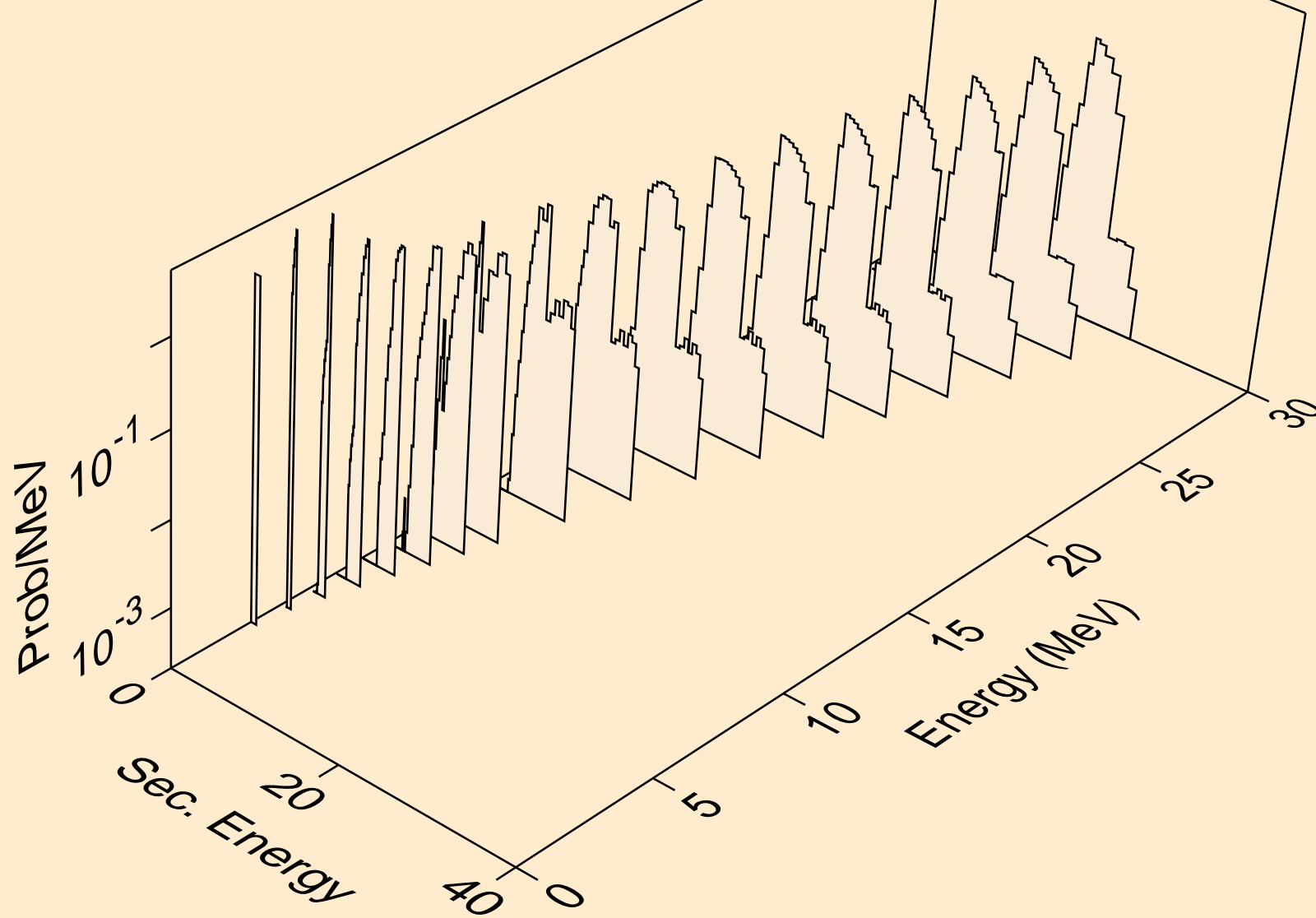
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



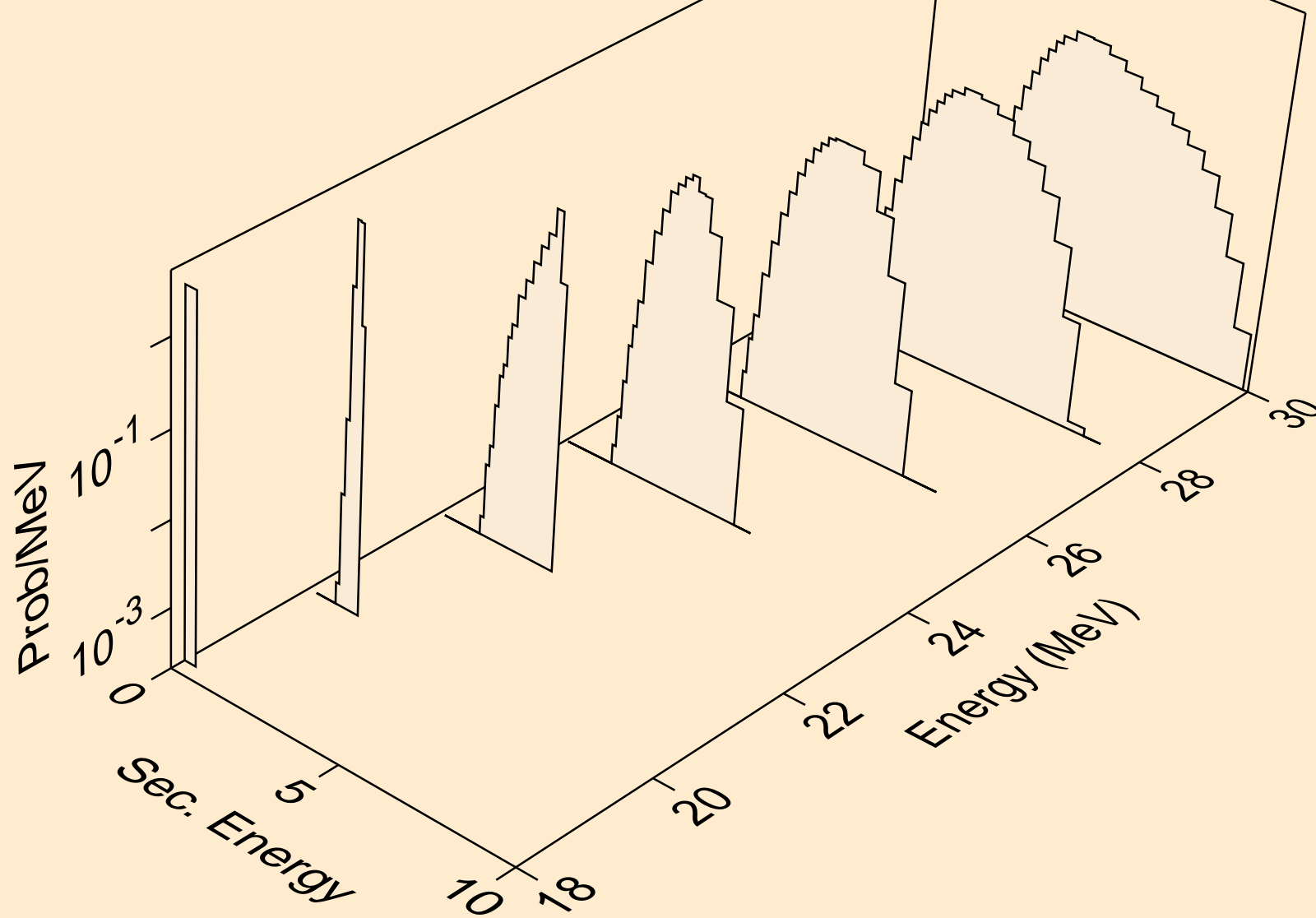
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)

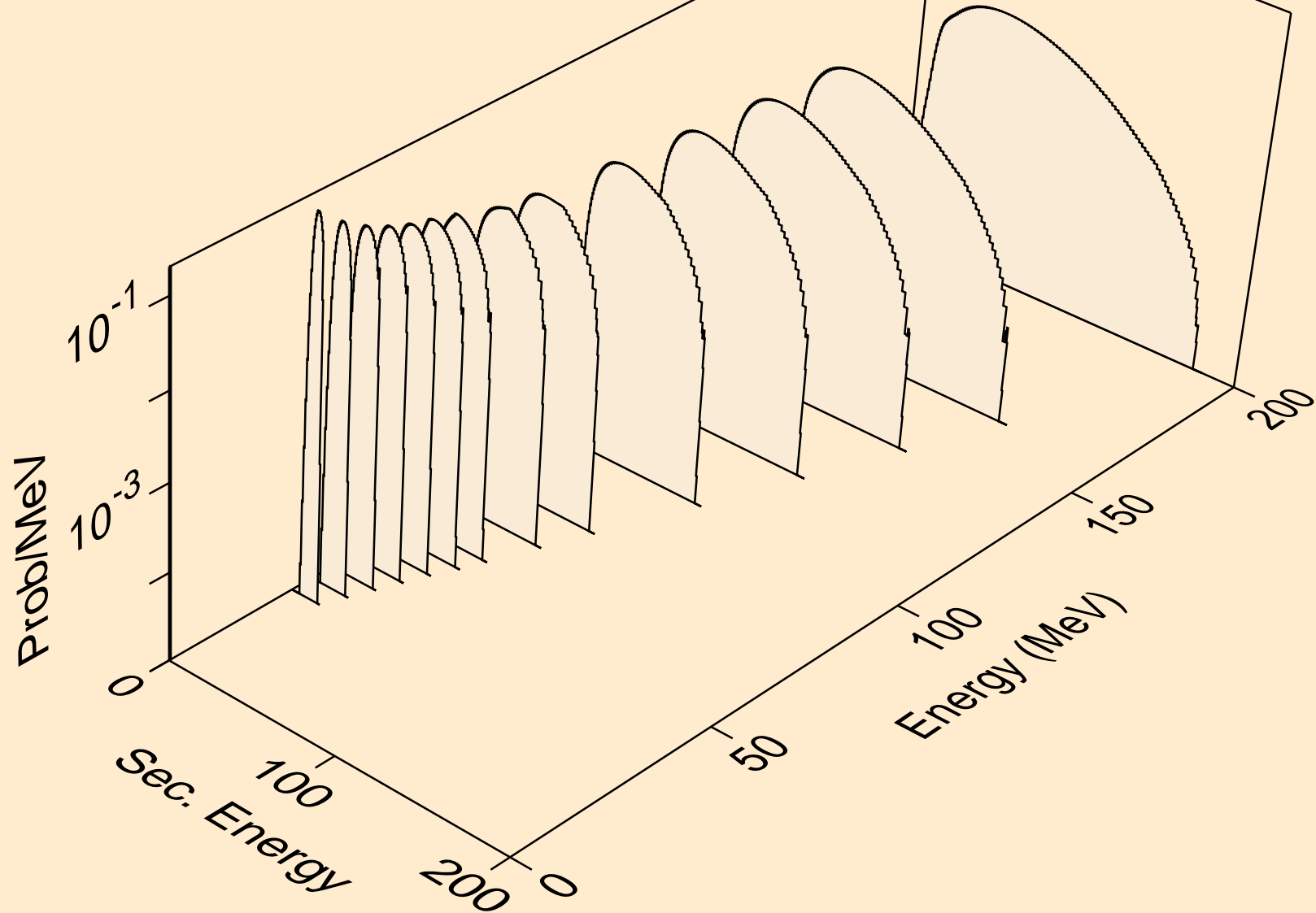


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tritons from (p,pt)

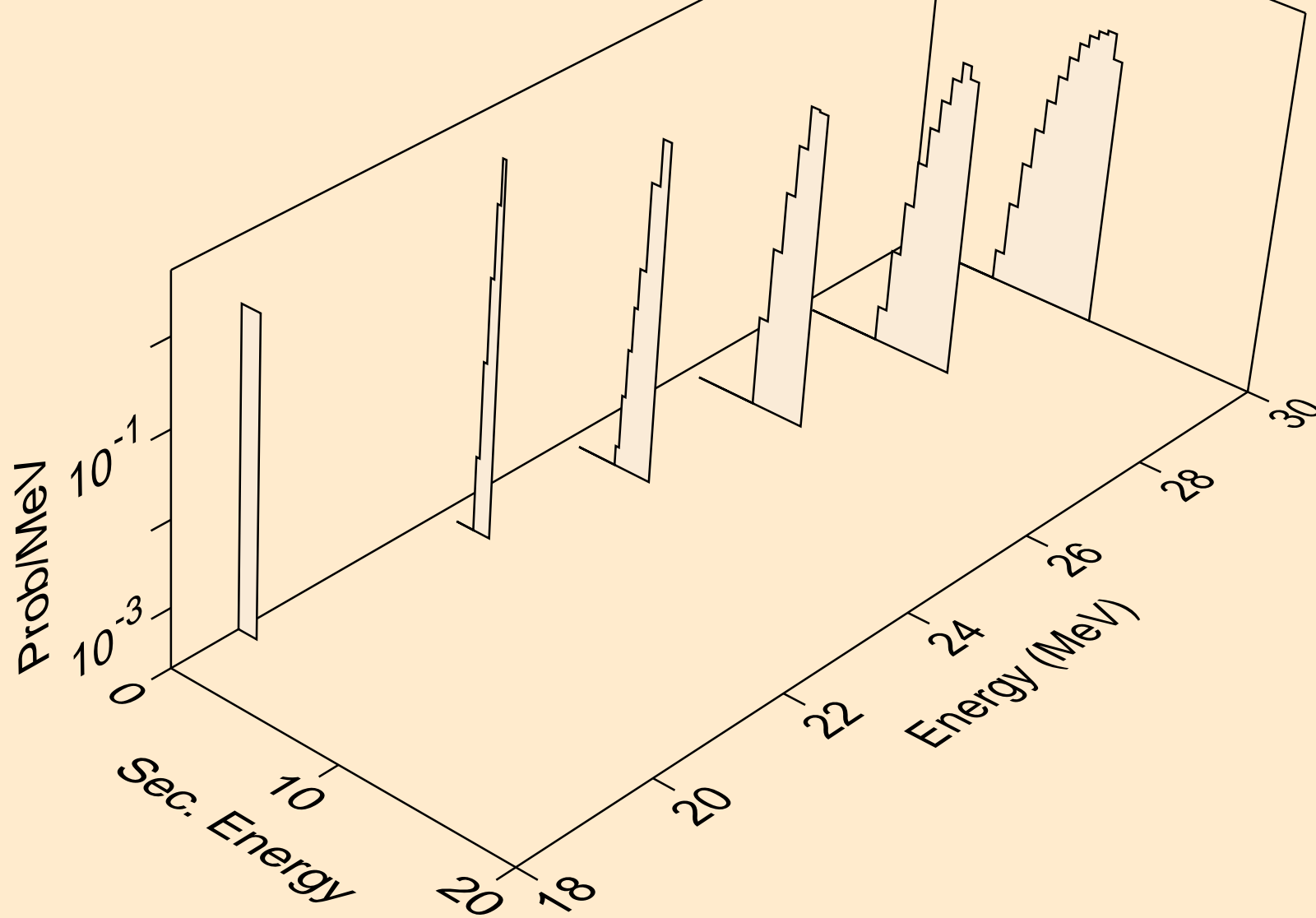




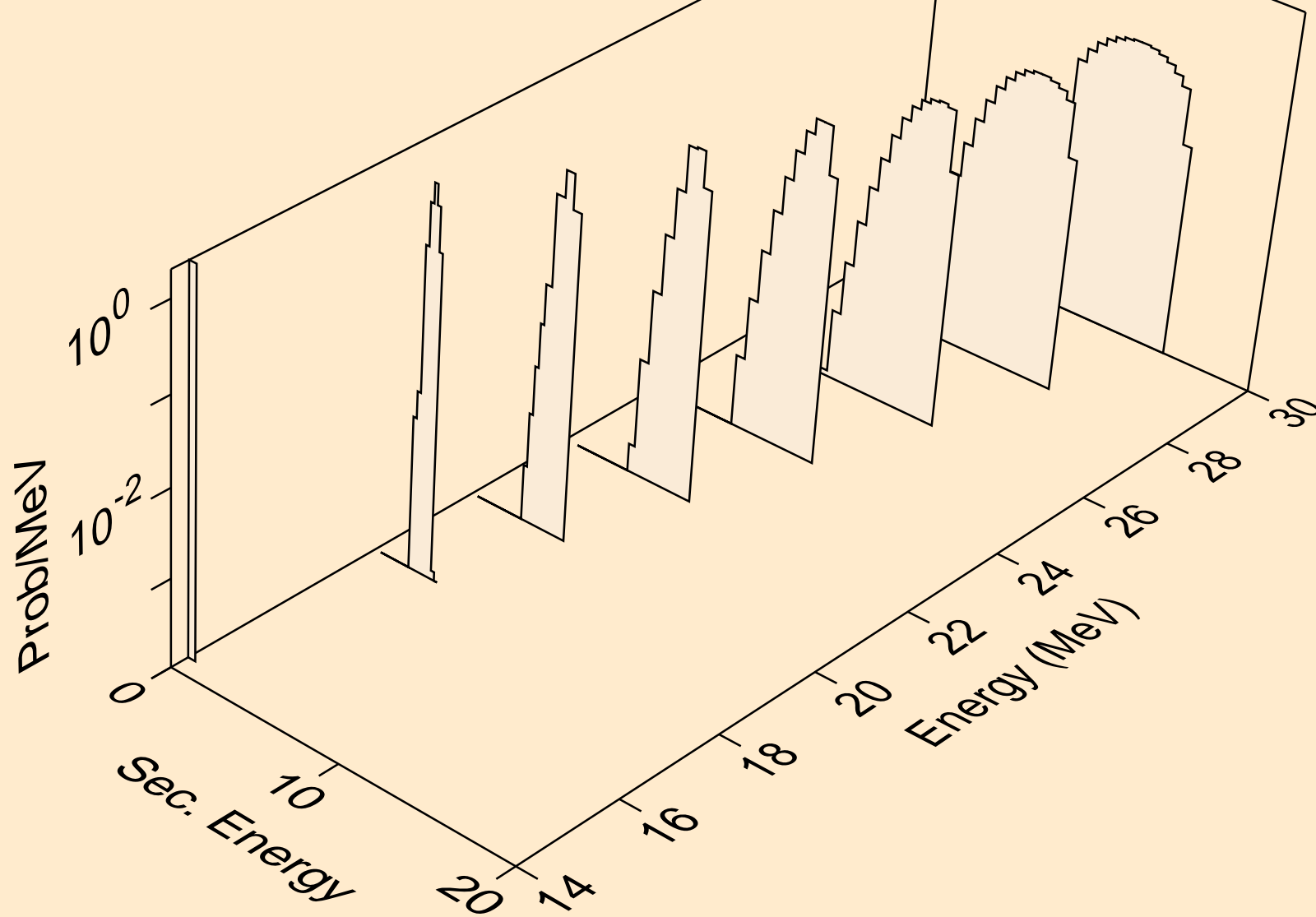
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he3s from (p,x)



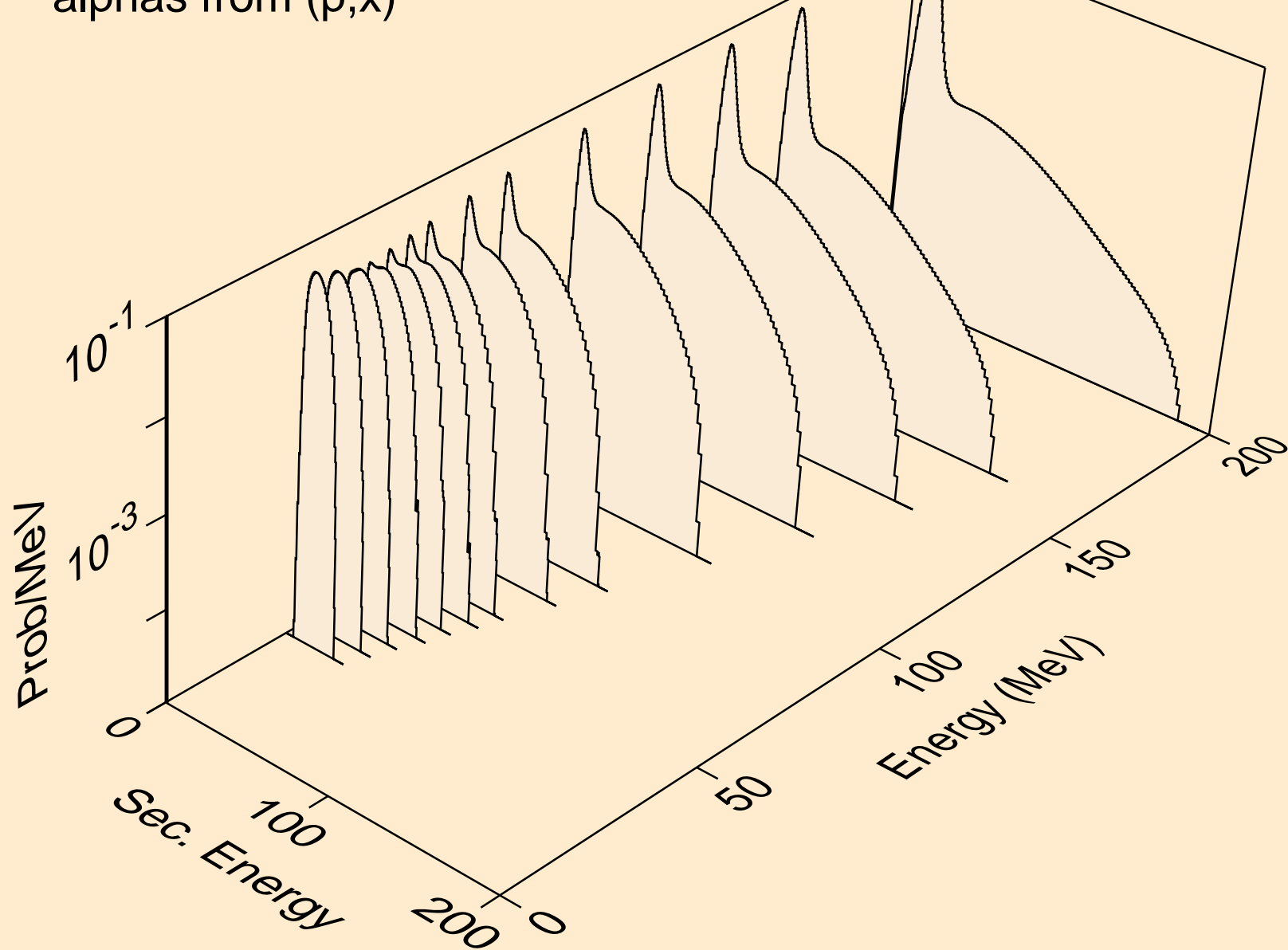
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he3s from (p,n\*)he3



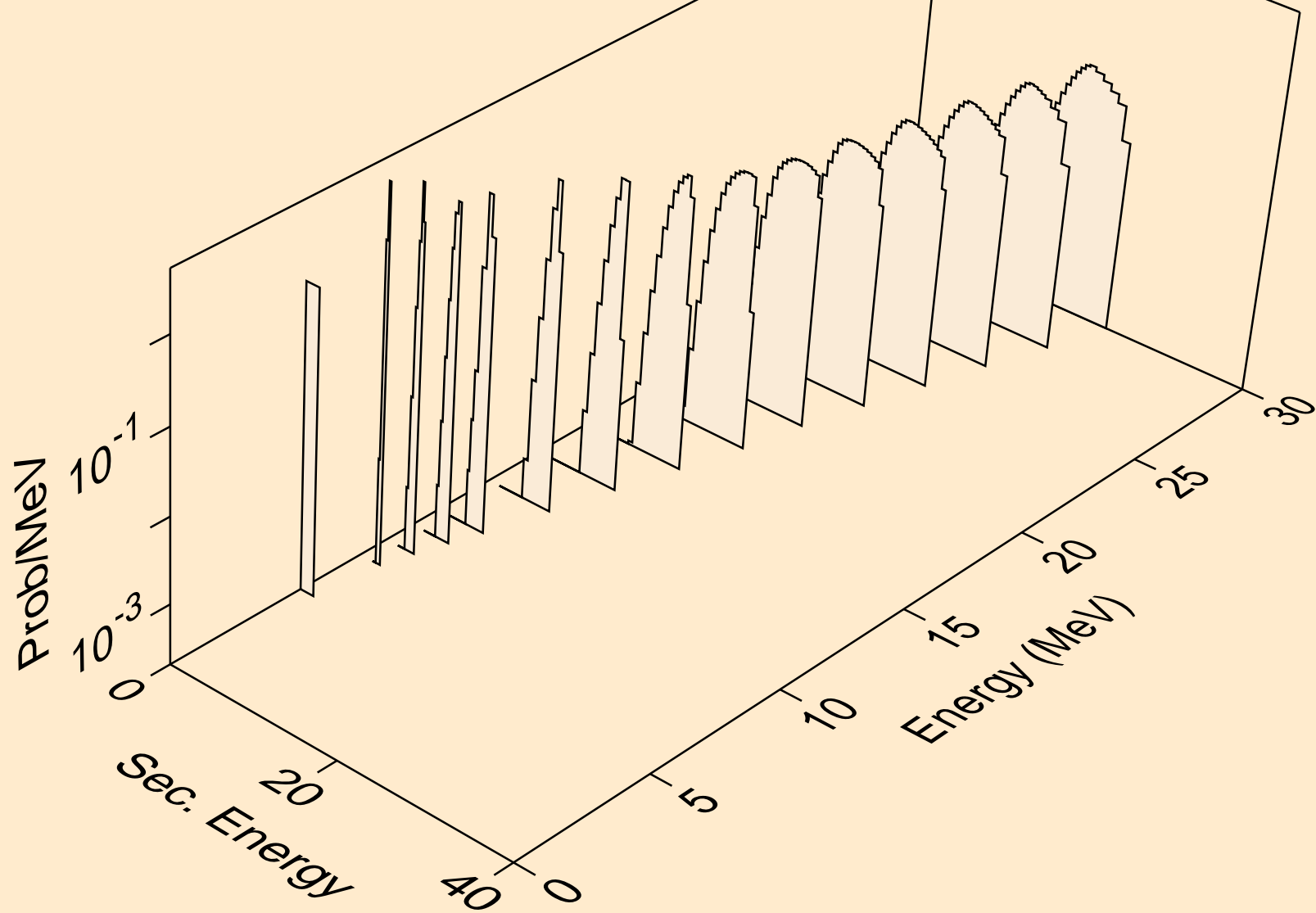
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he3s from (p,he3)



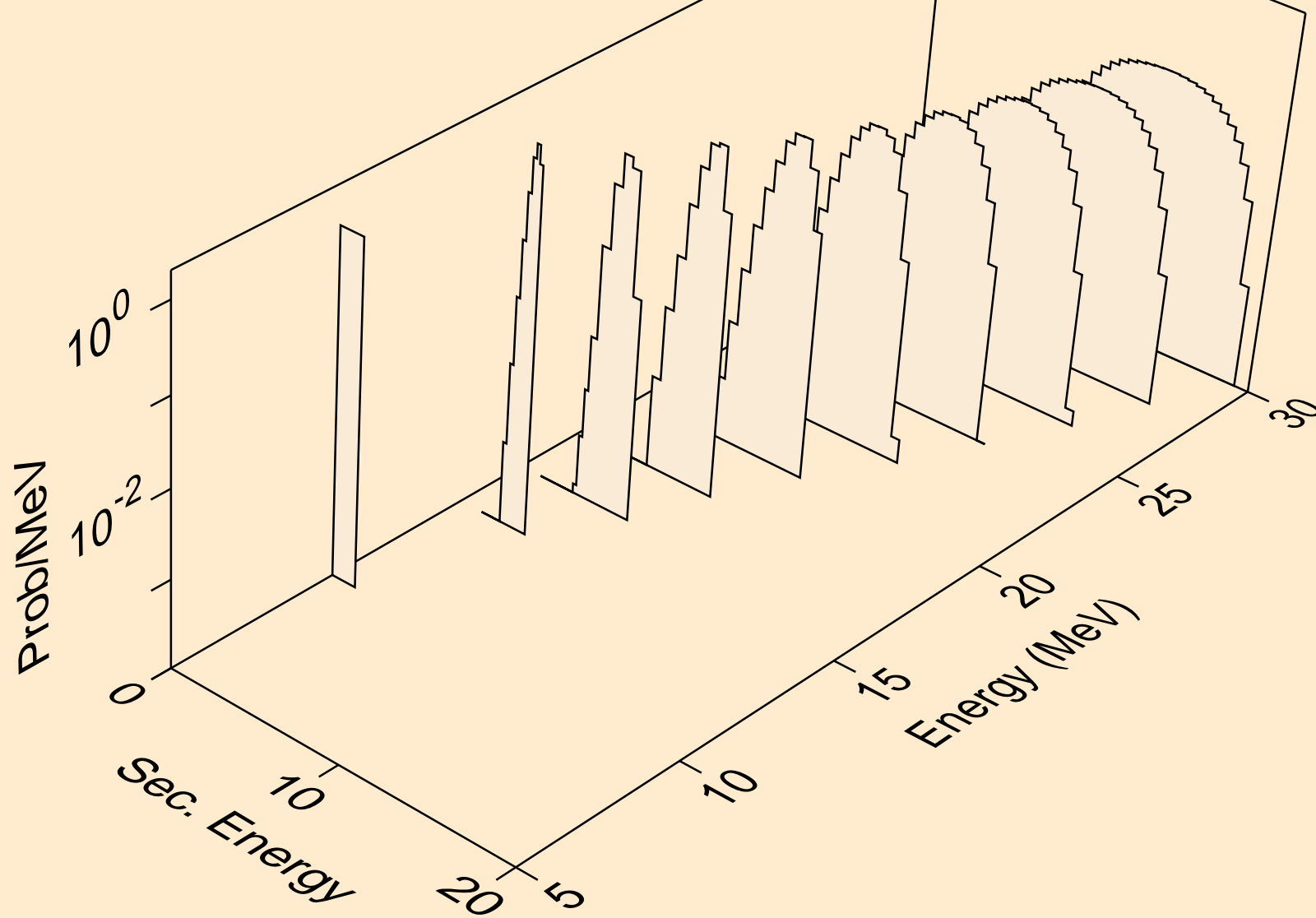
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alphas from (p,x)



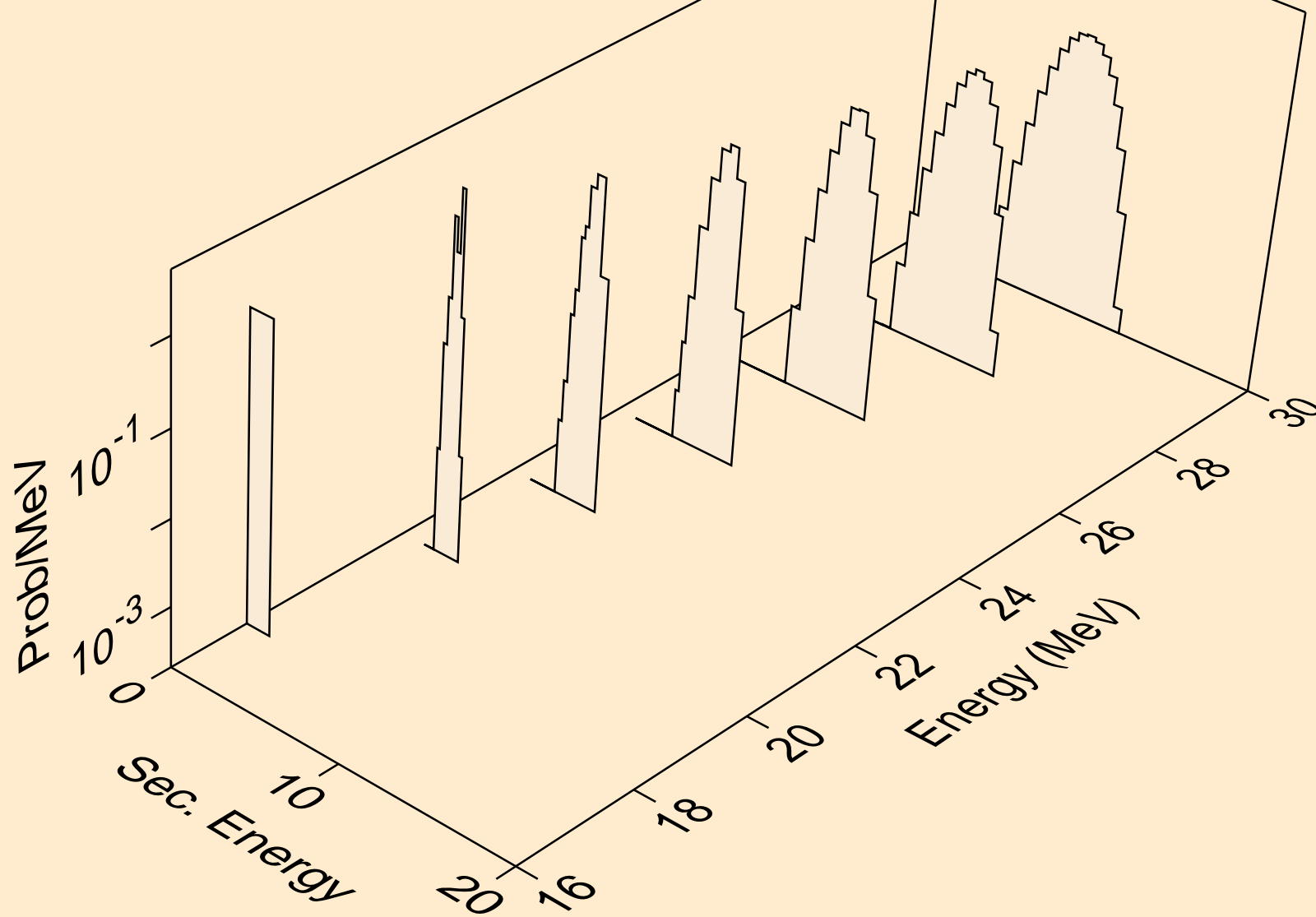
ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



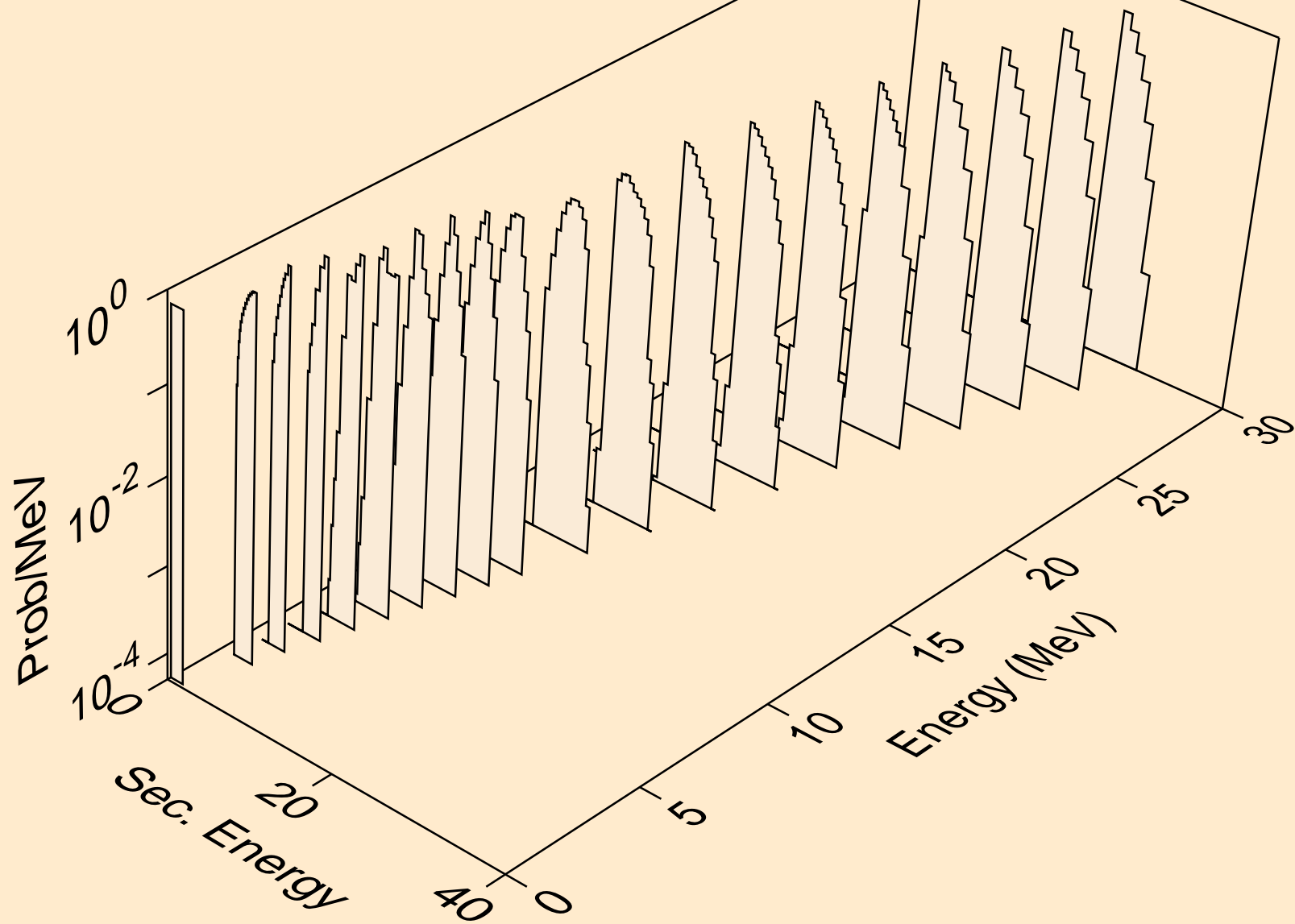
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alphas from (p,2n)a



ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)





ZN078 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)

