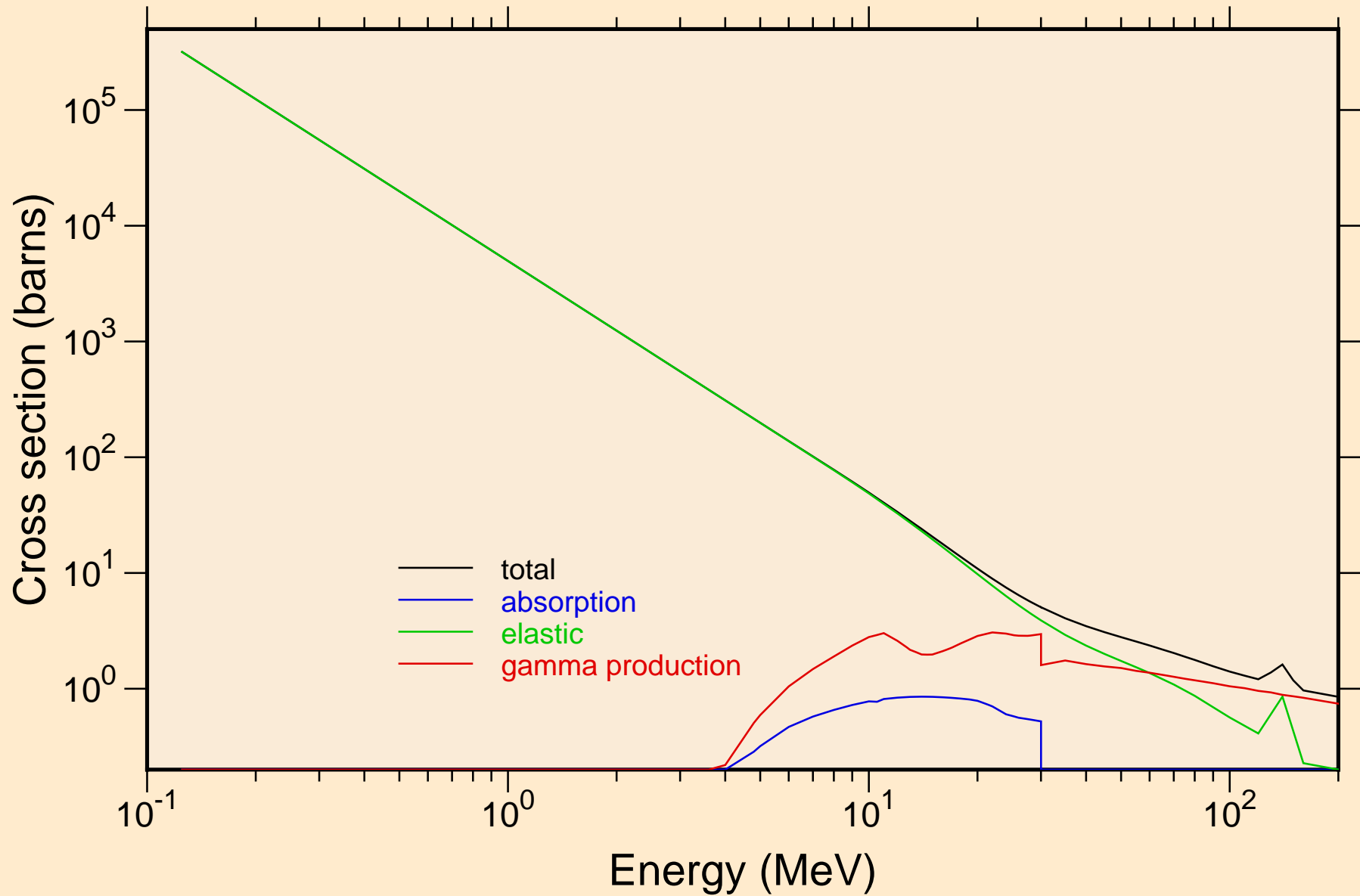
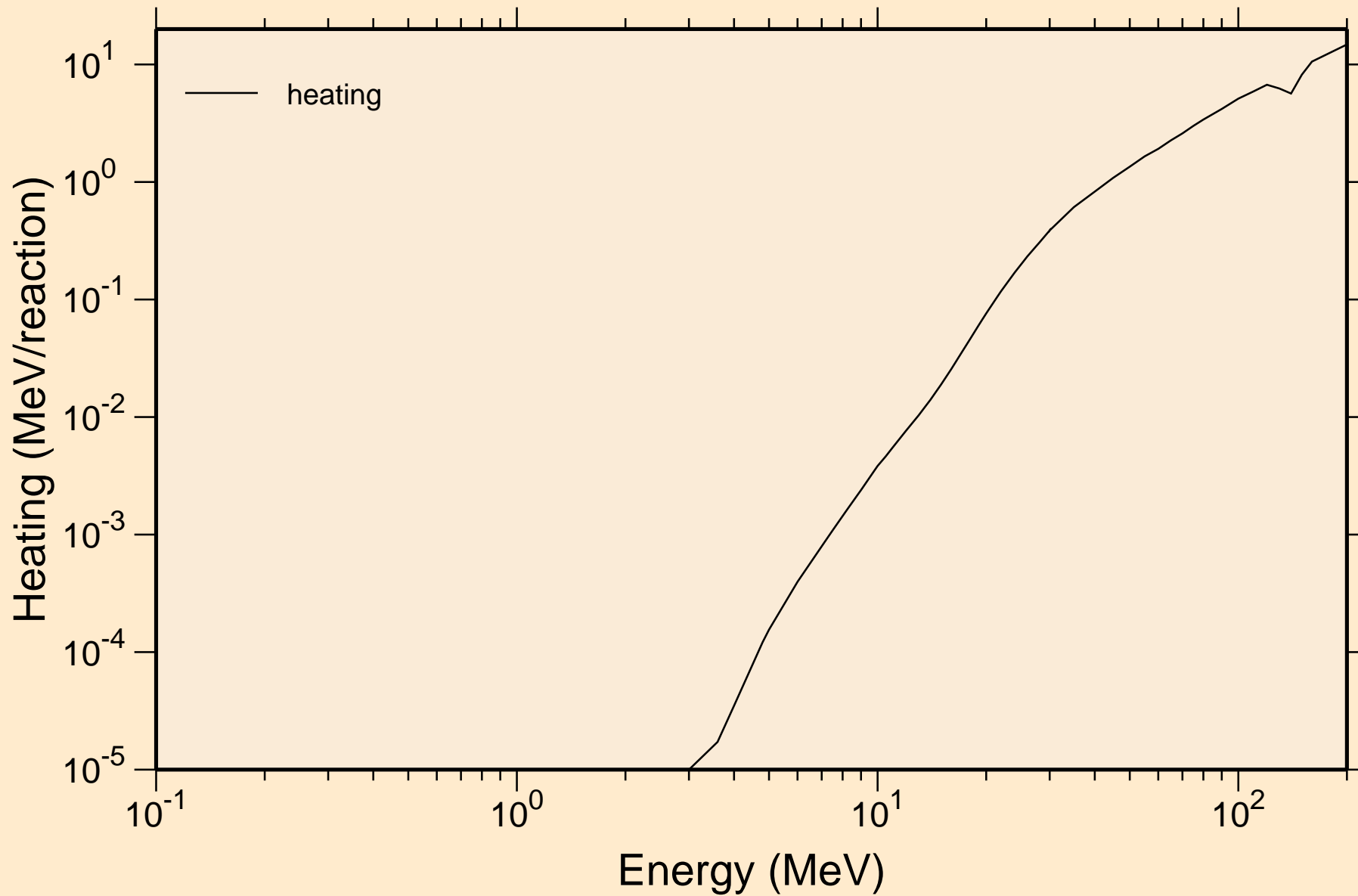


# NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K

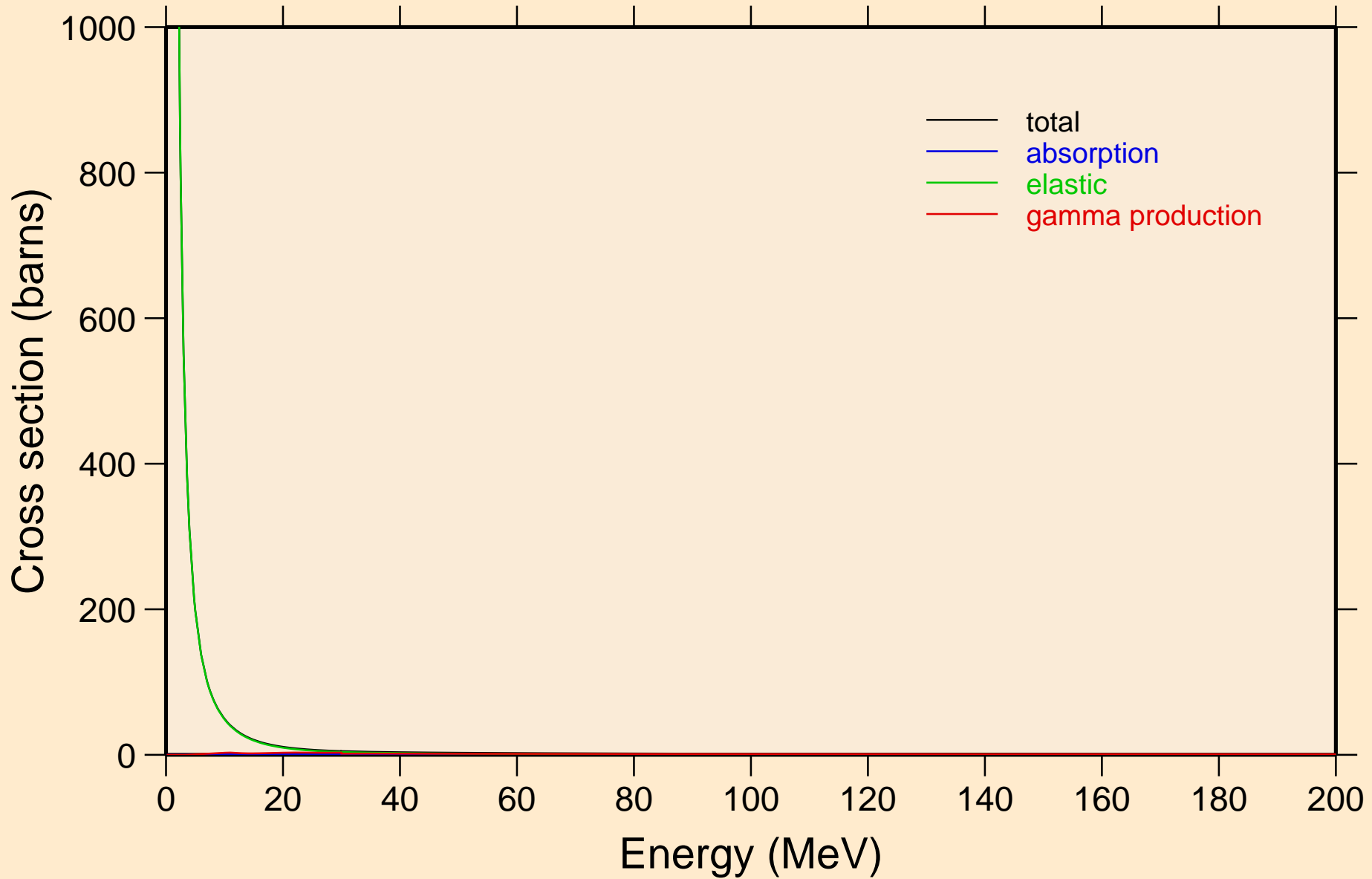
## Principal cross sections



NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating

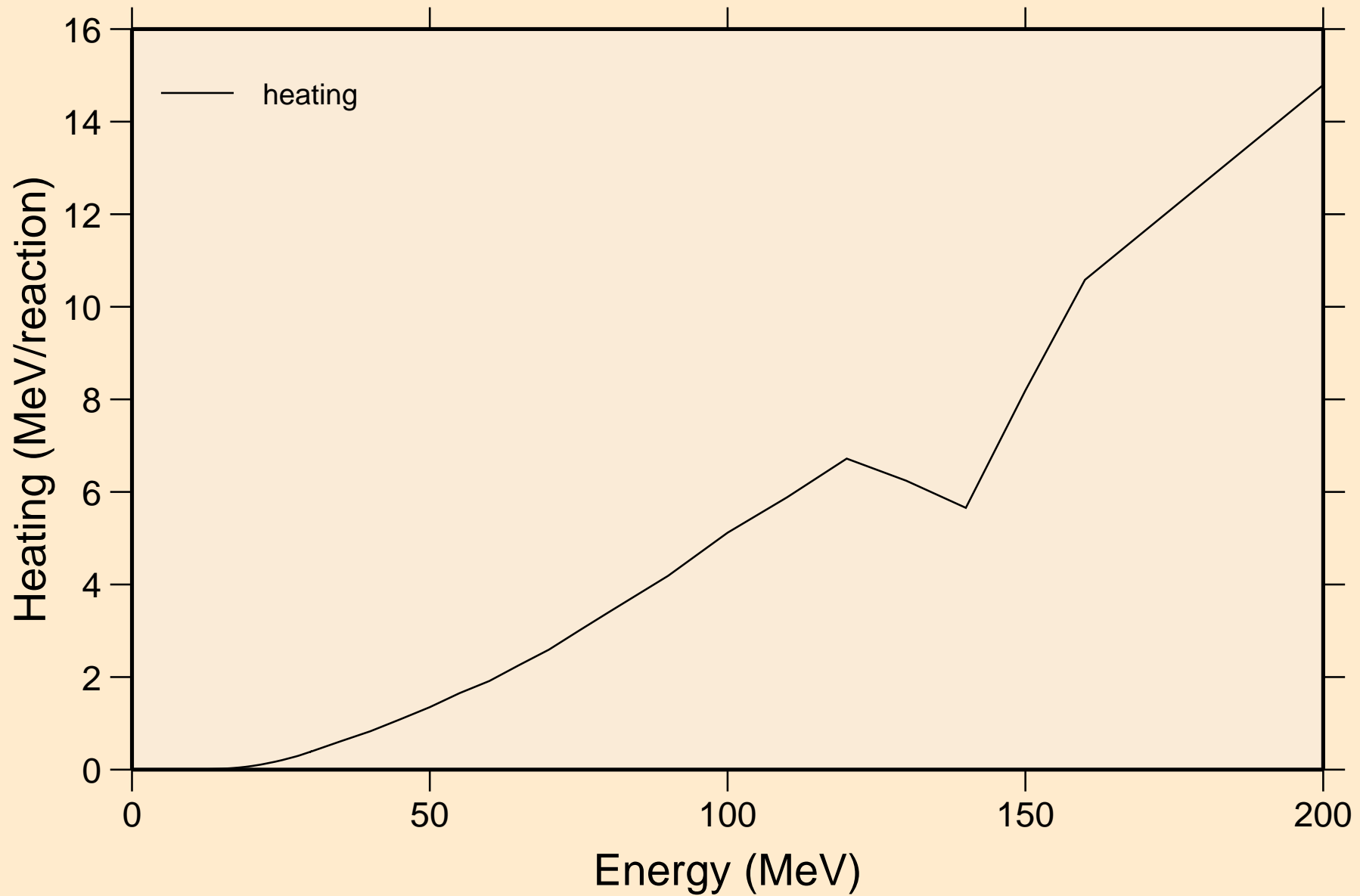


NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

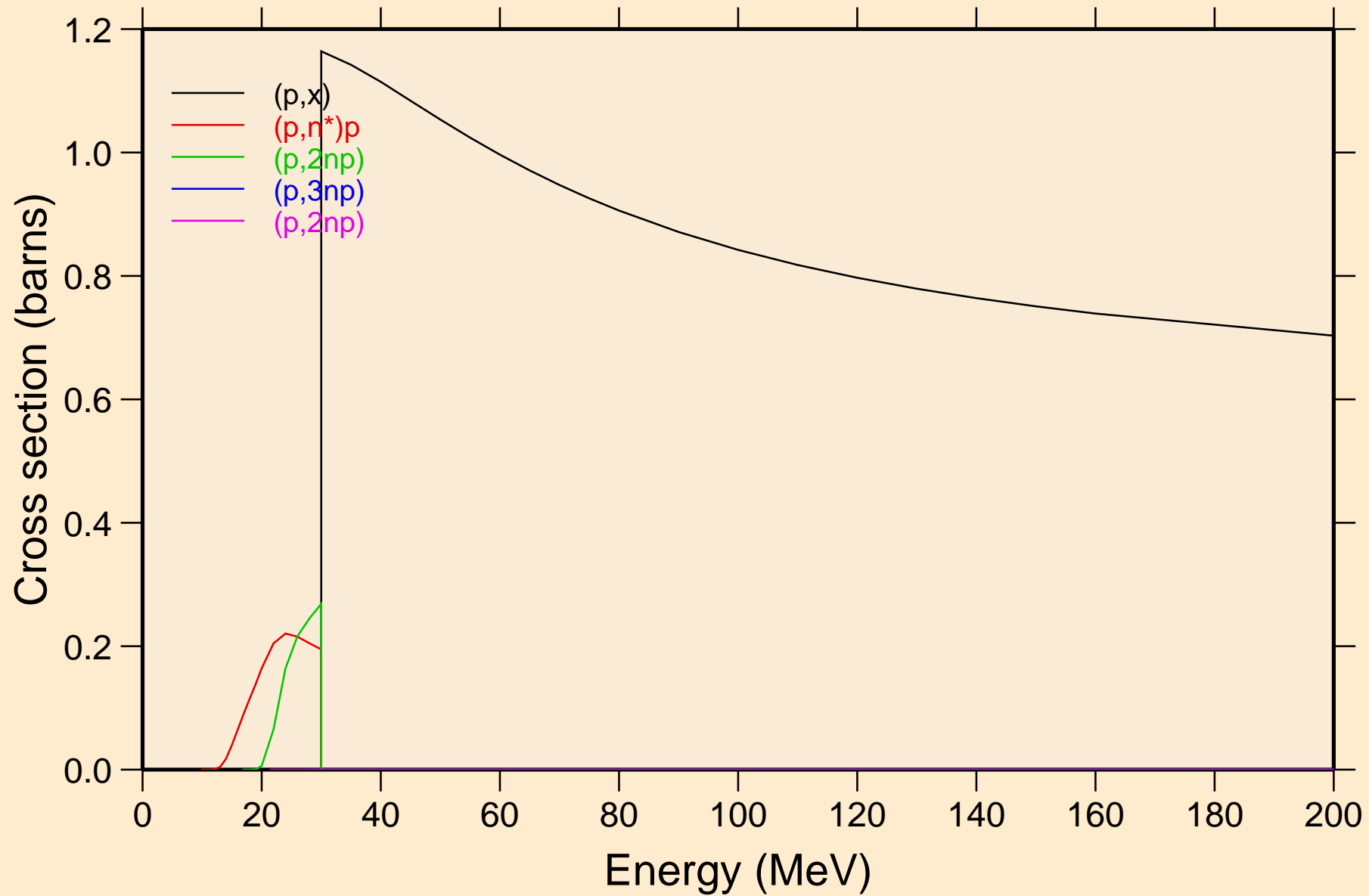


# NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating

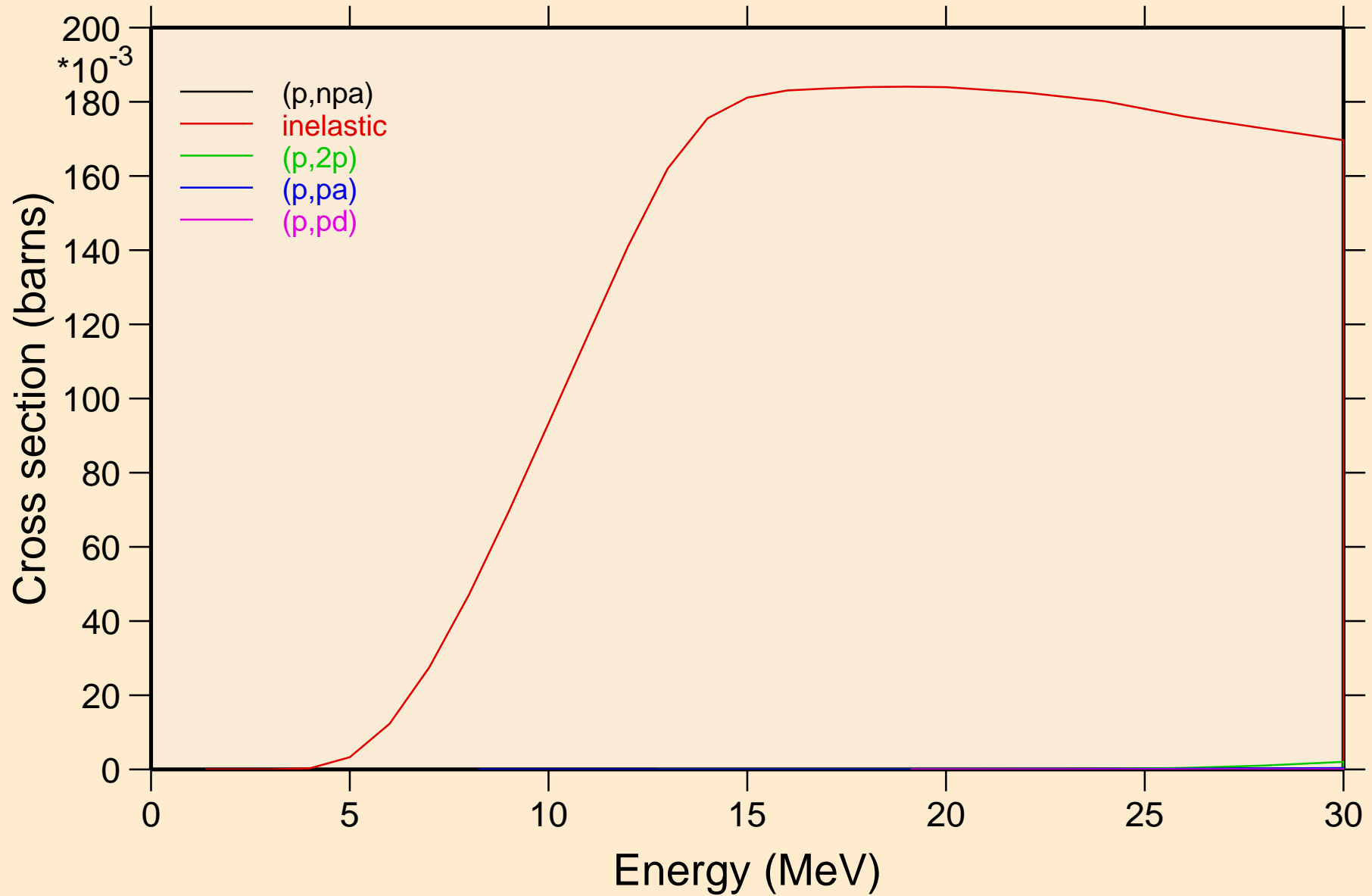


NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

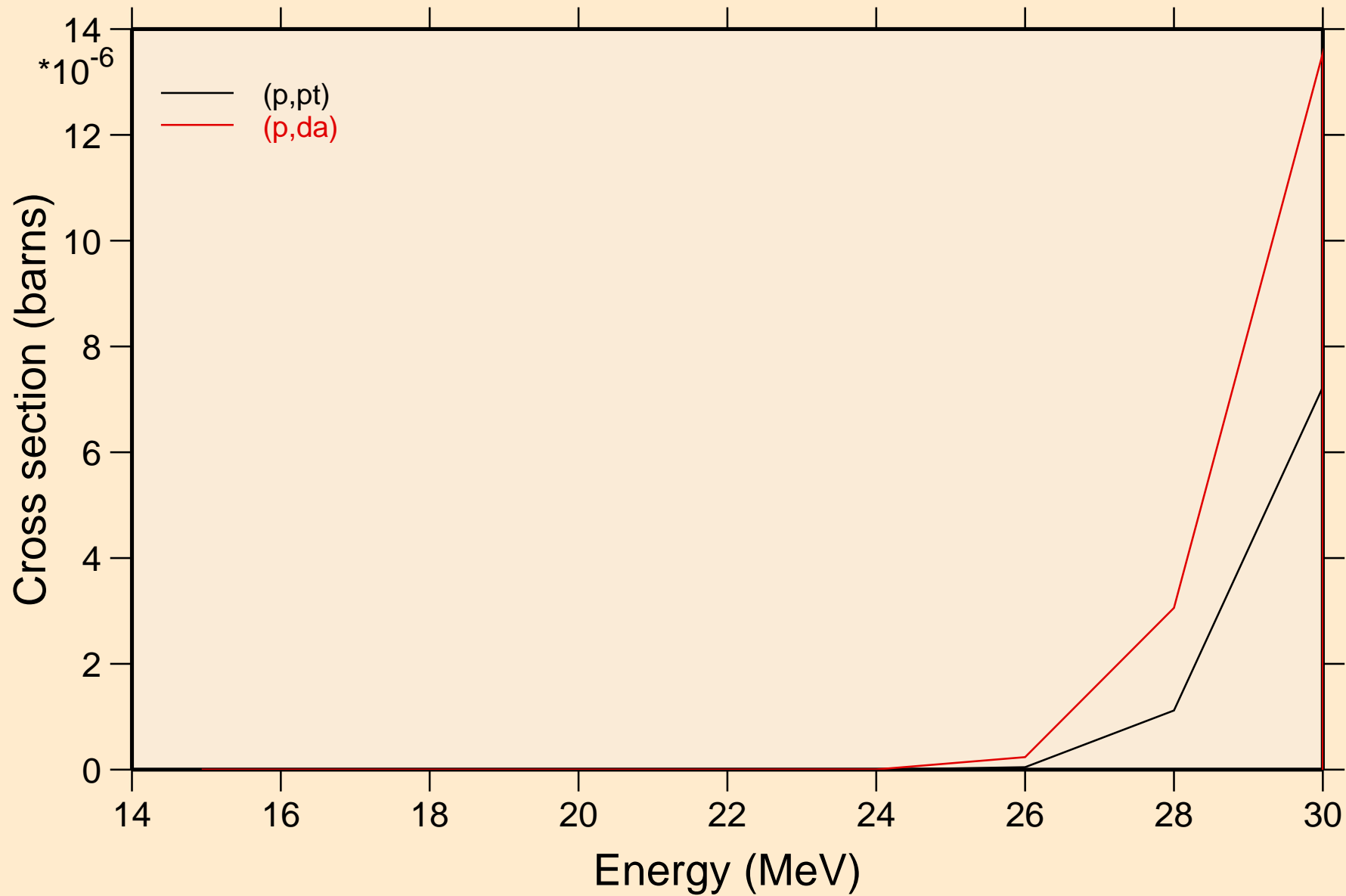


# NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K

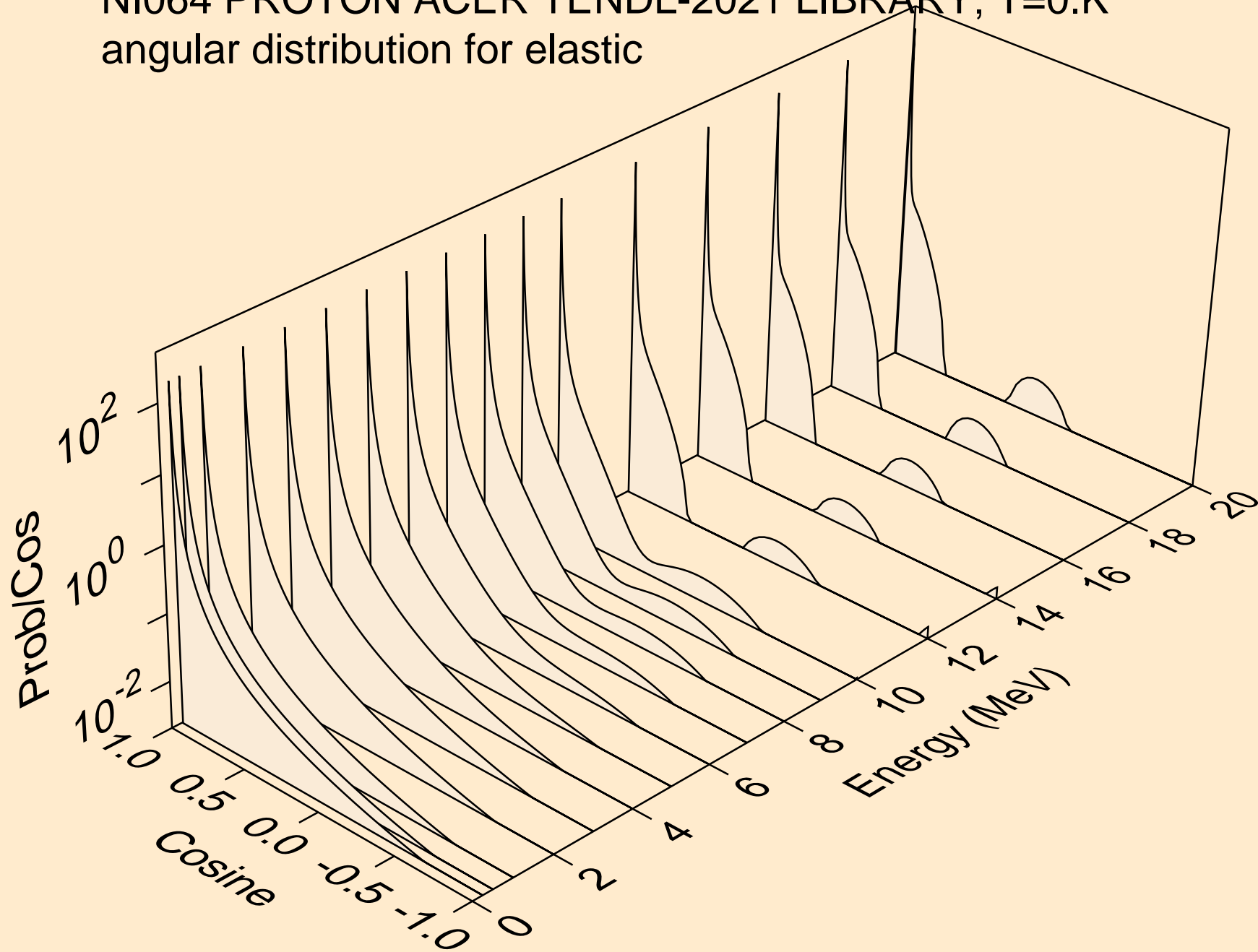
## Threshold reactions



NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

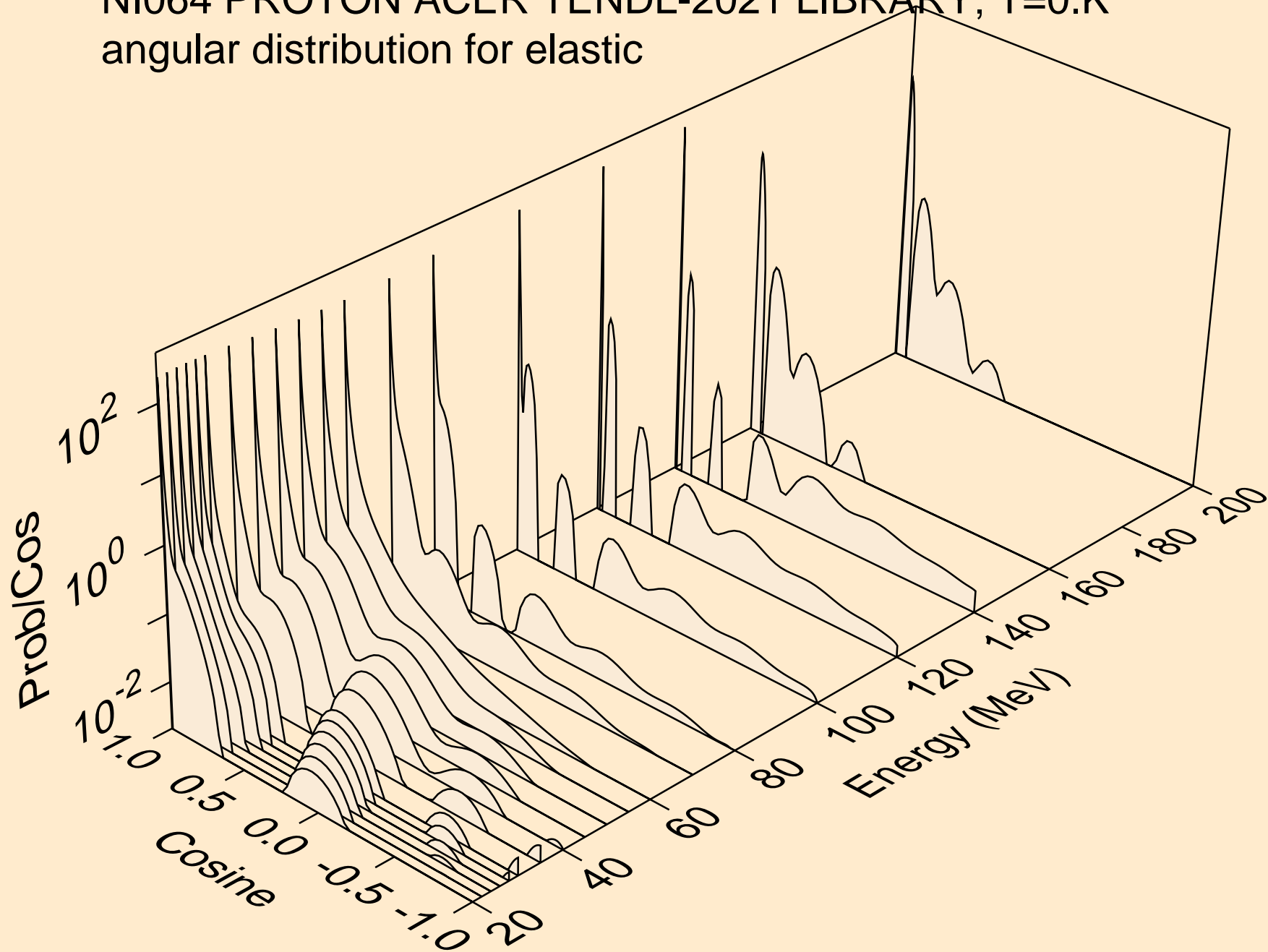


NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

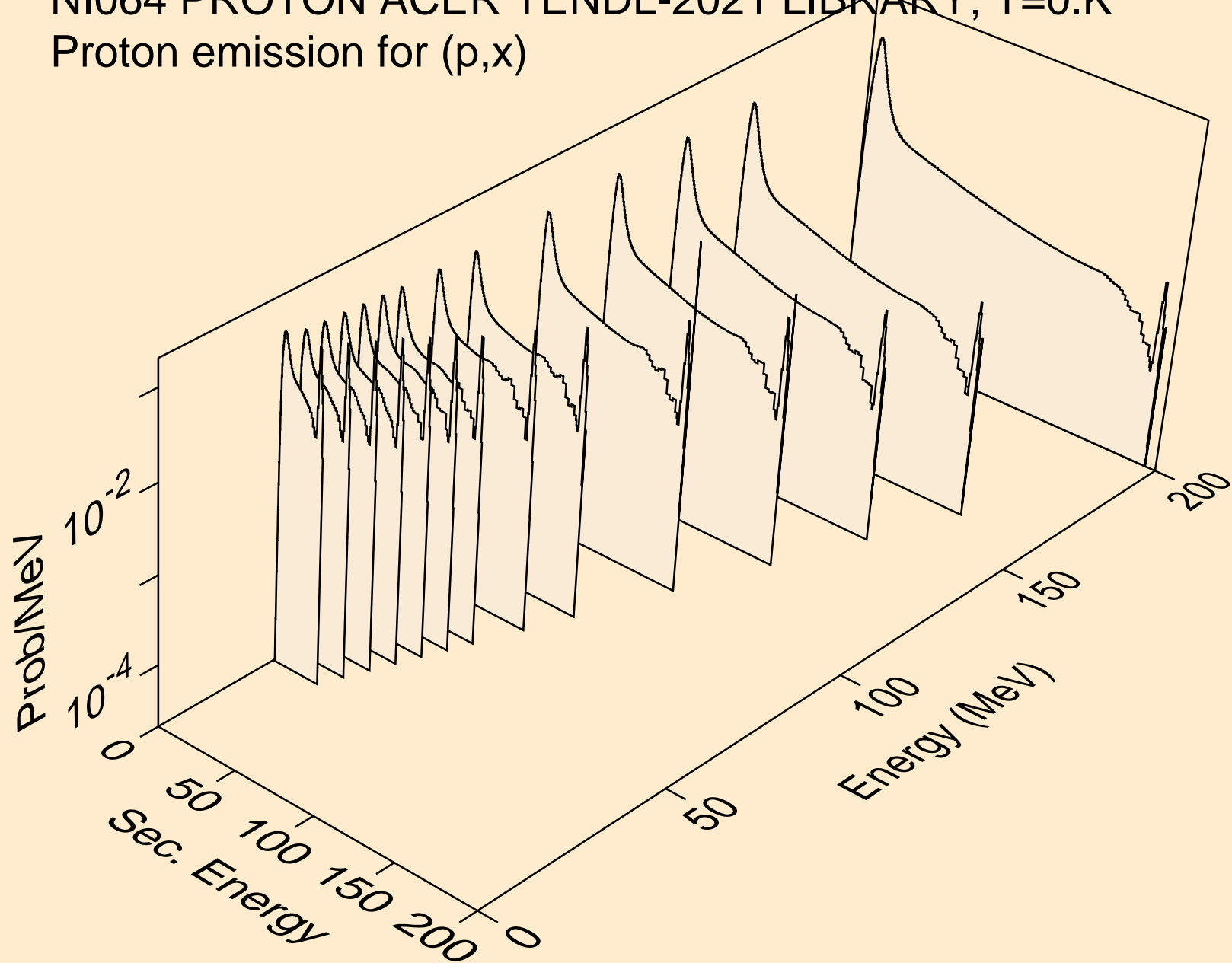




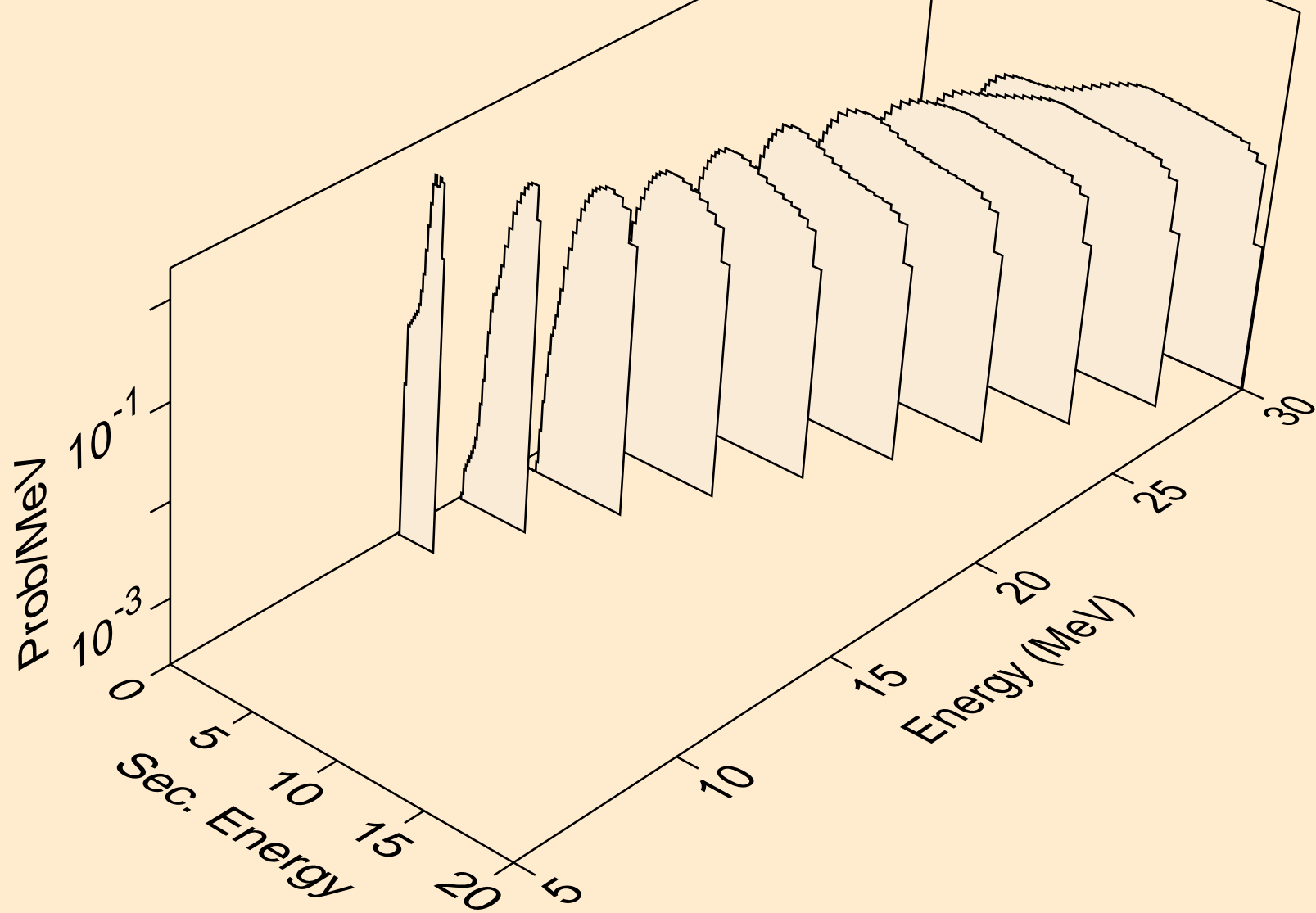
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



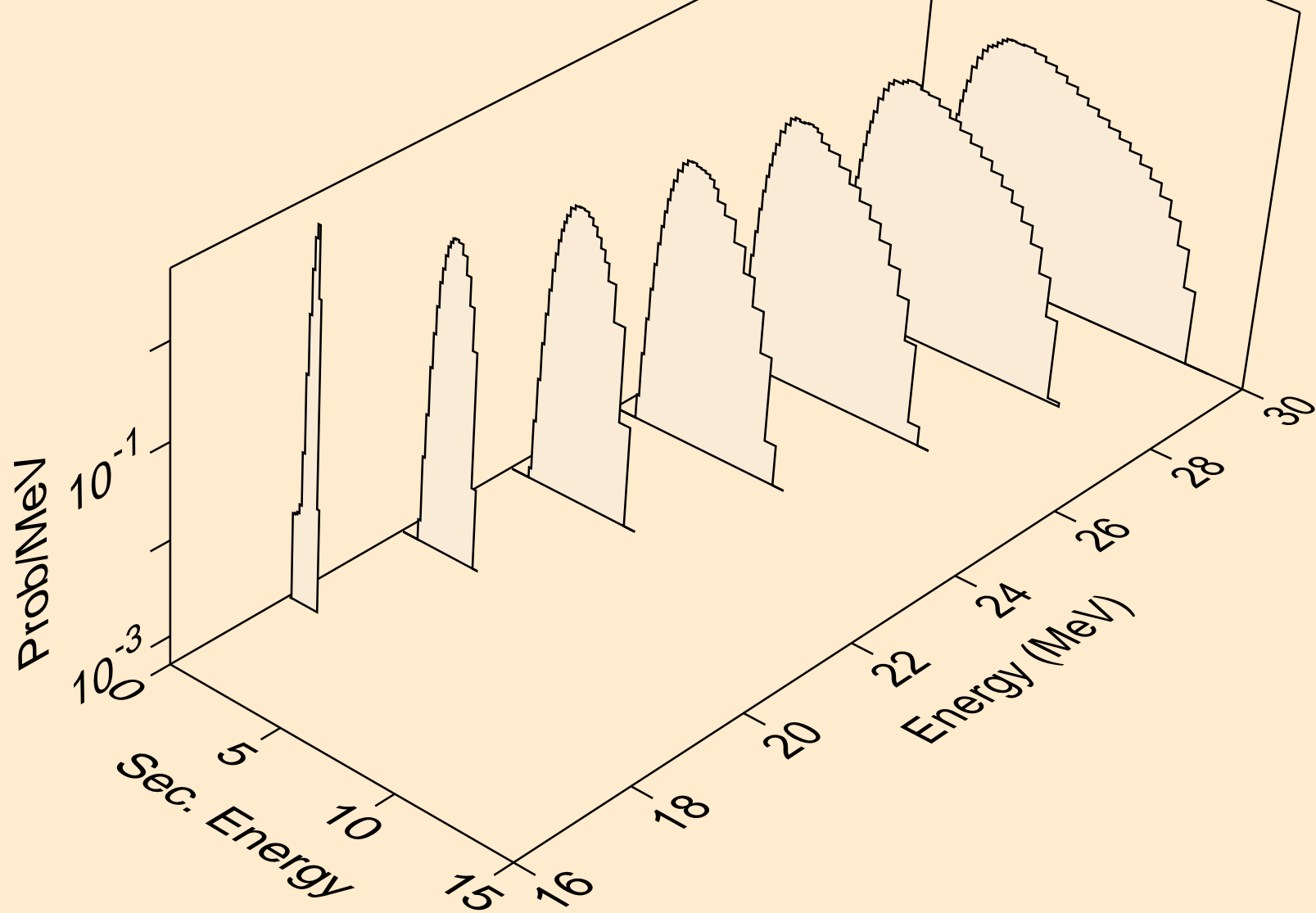
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



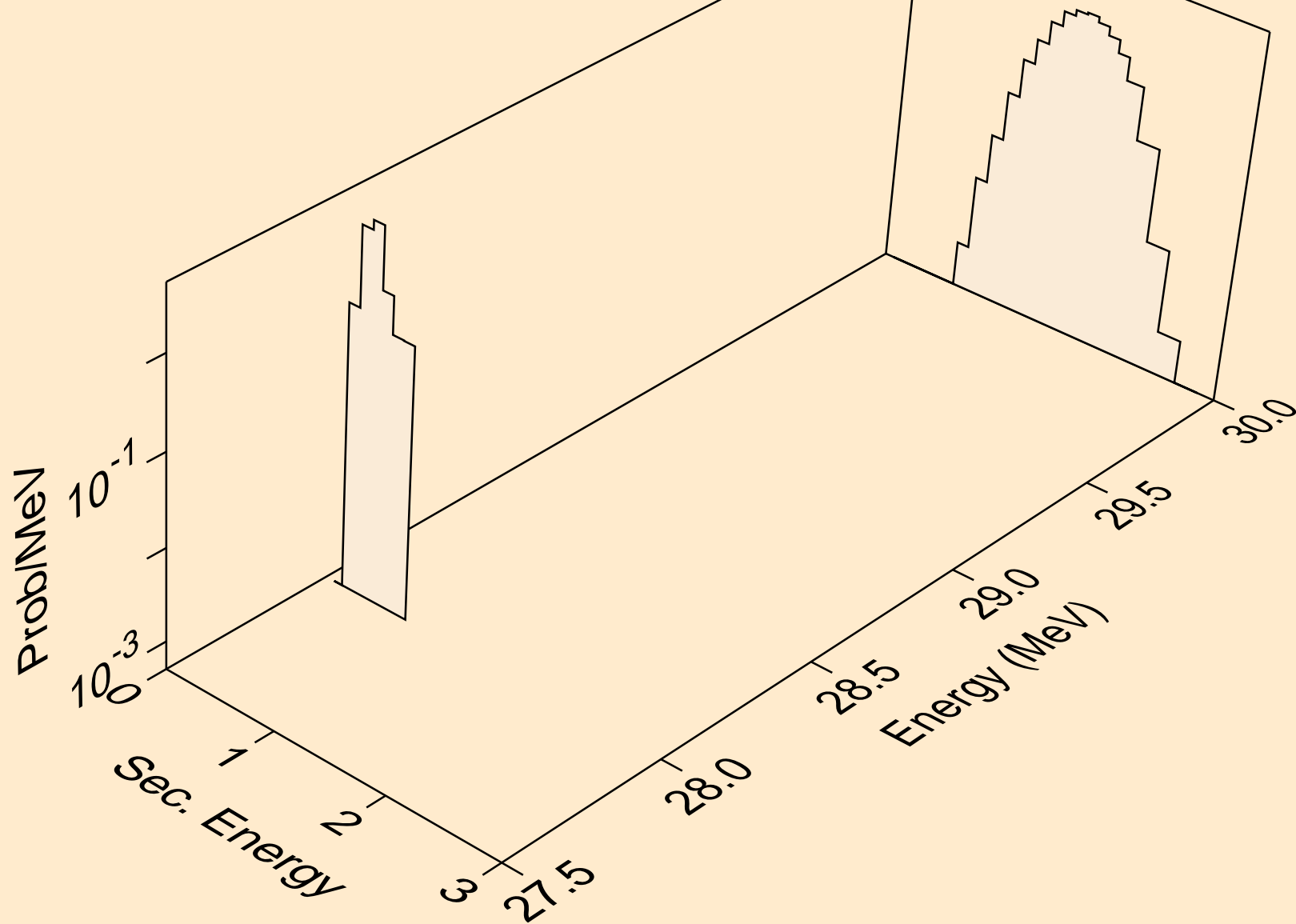
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



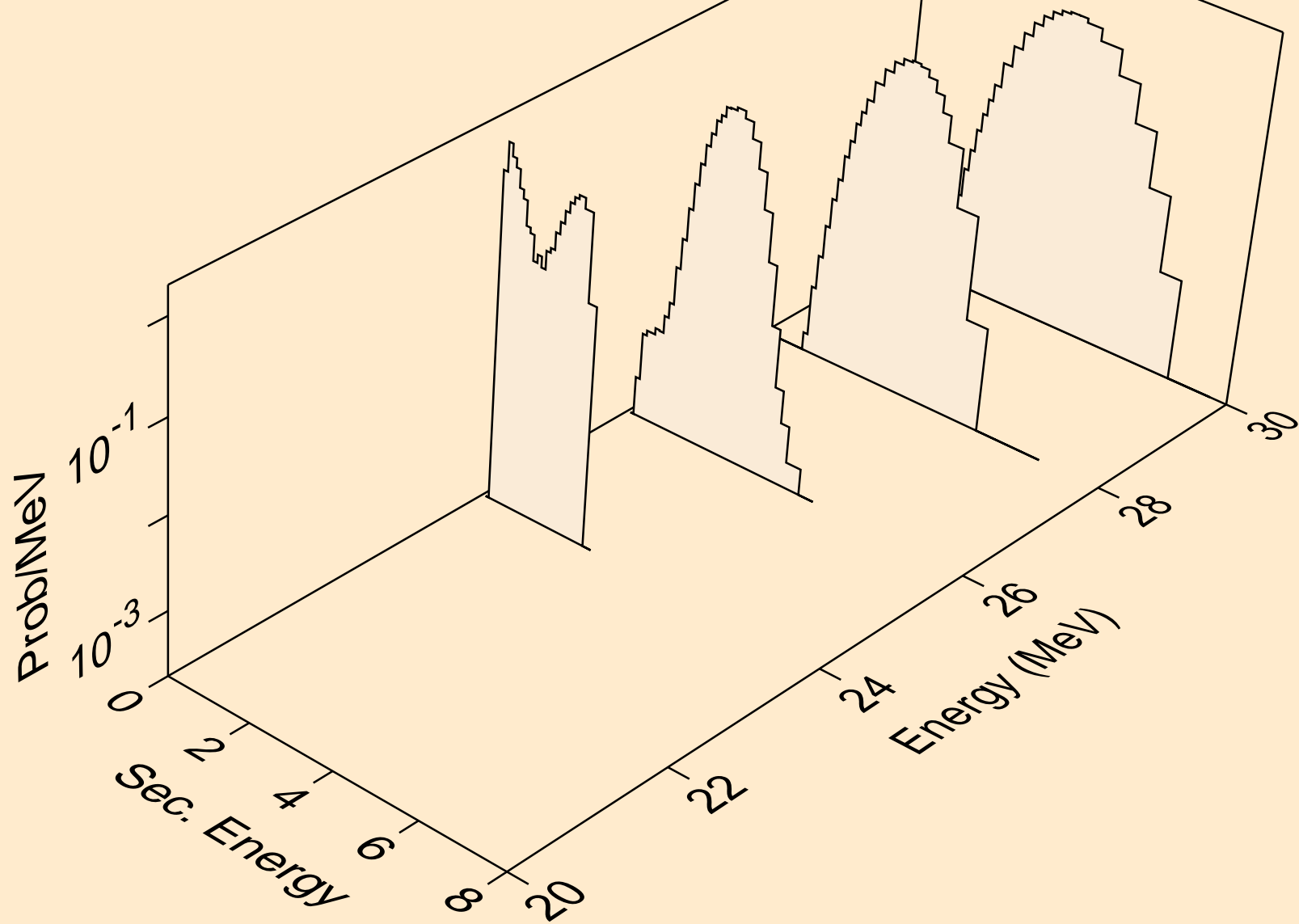
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



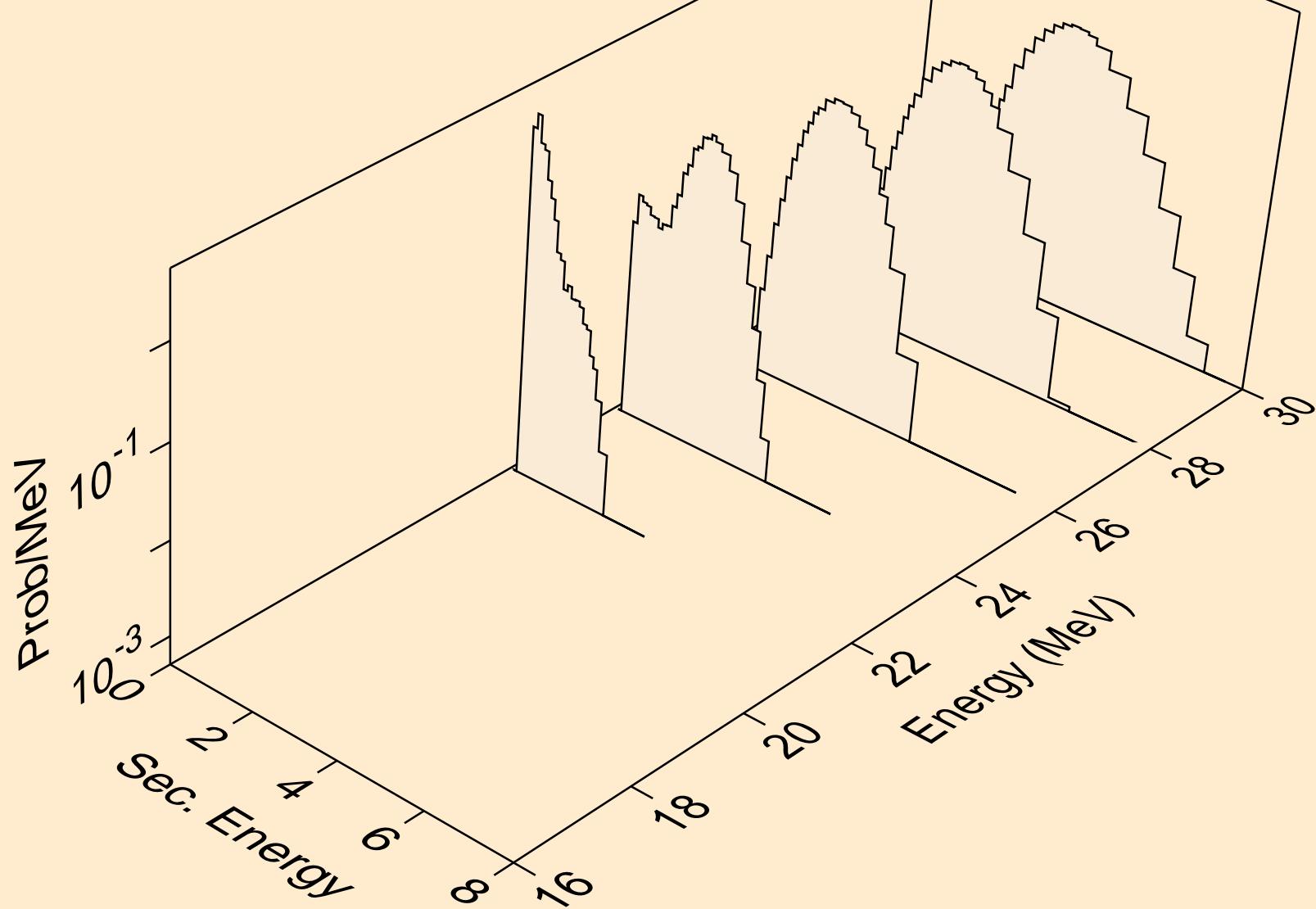
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



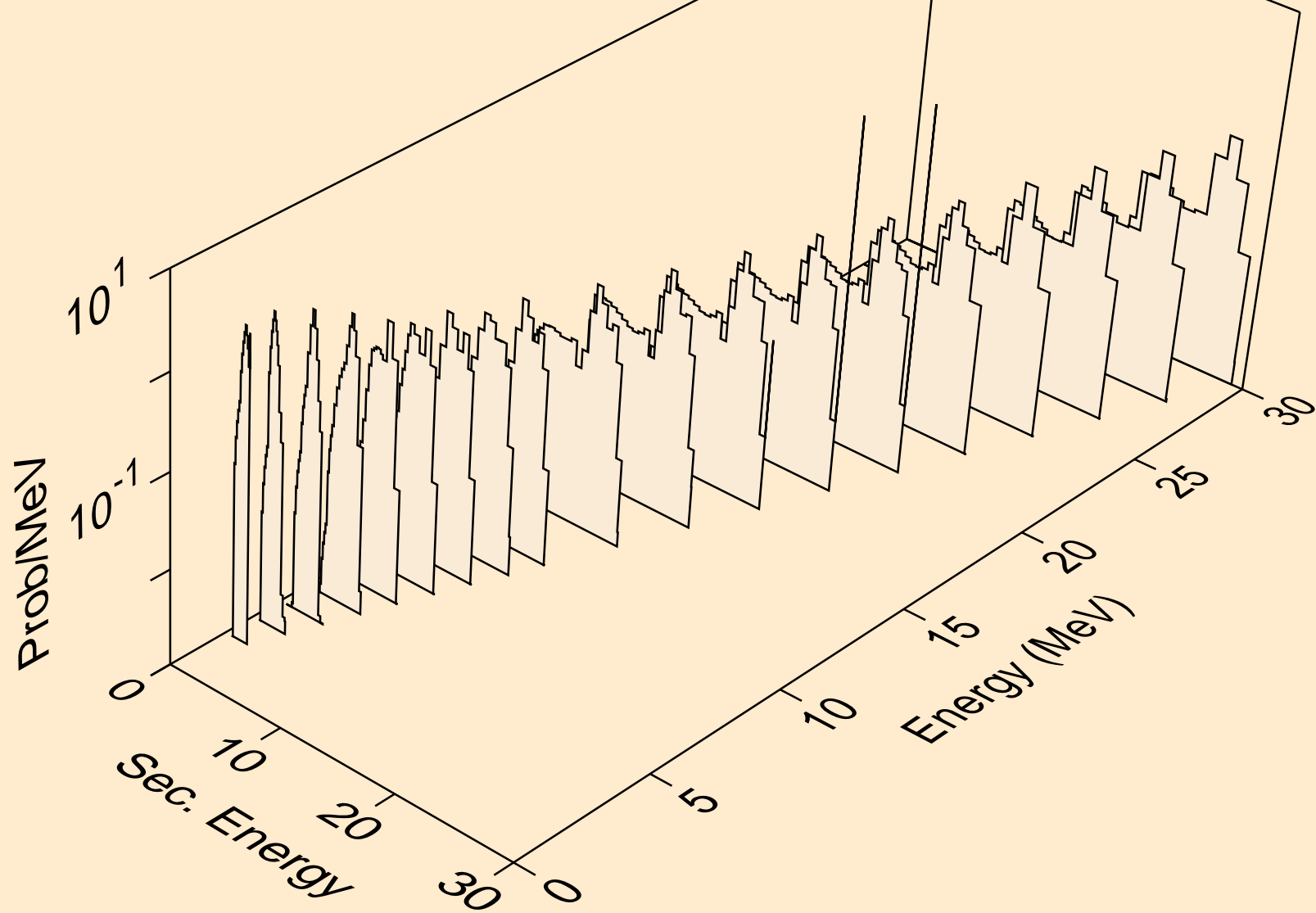
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

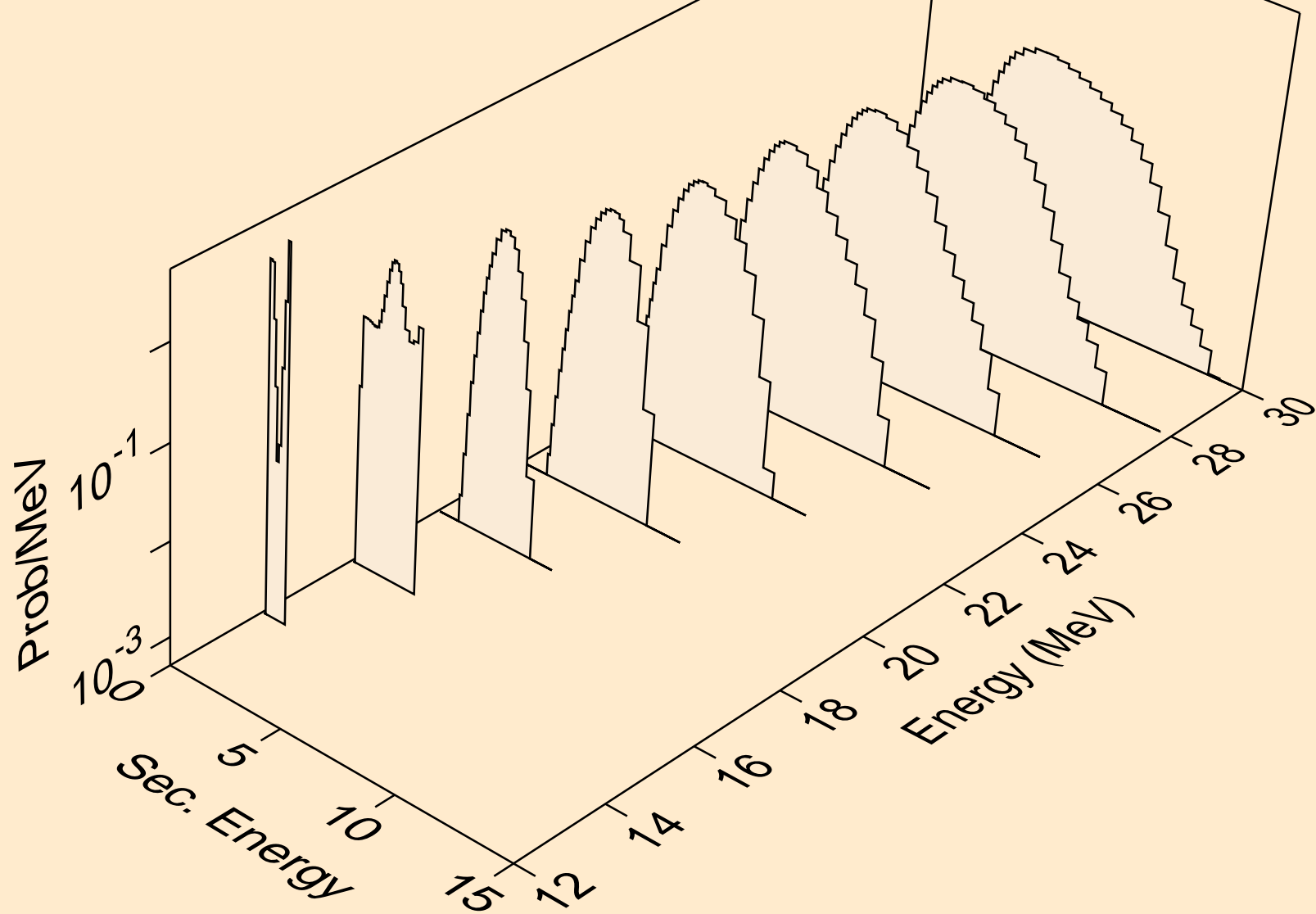


NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

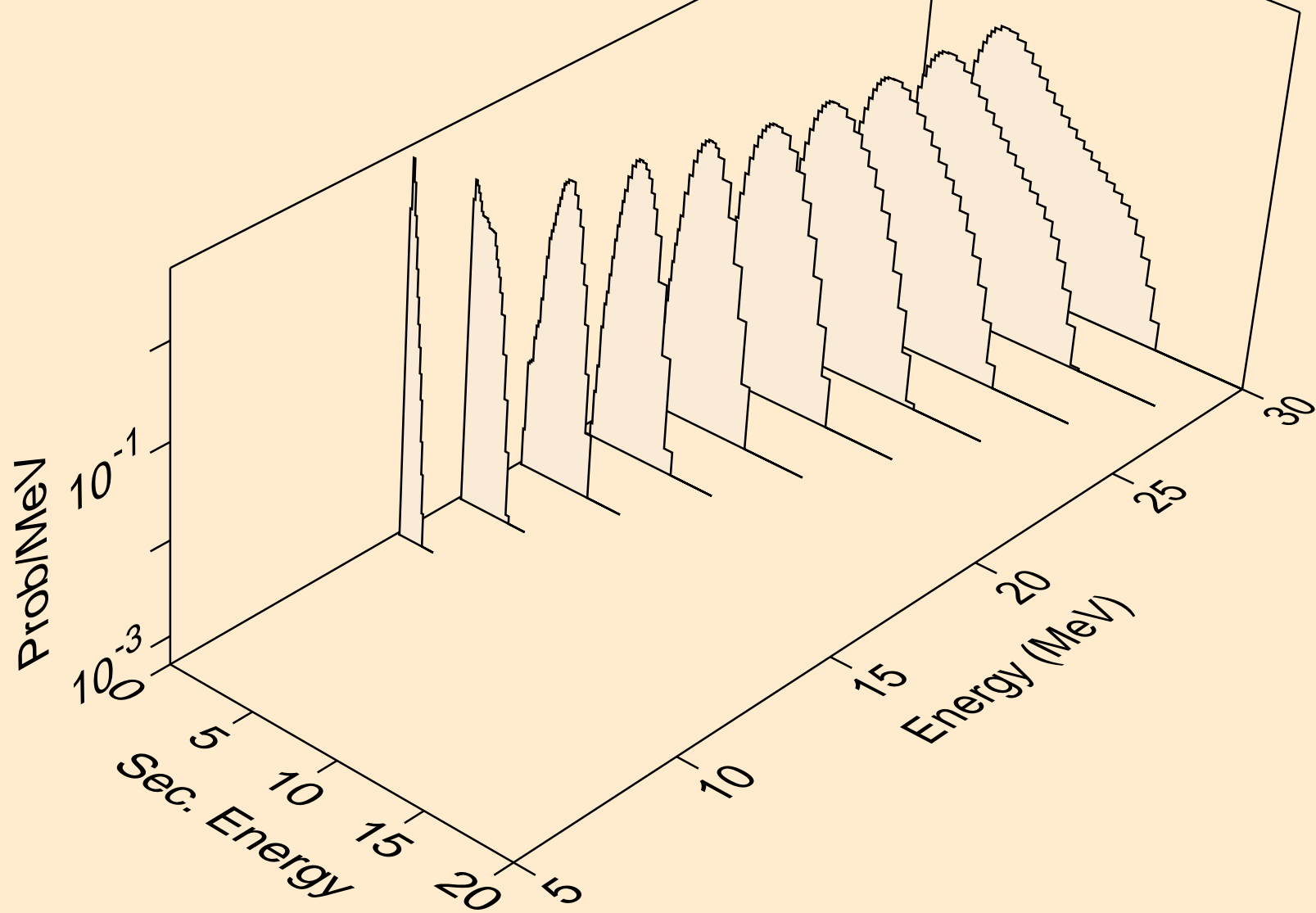




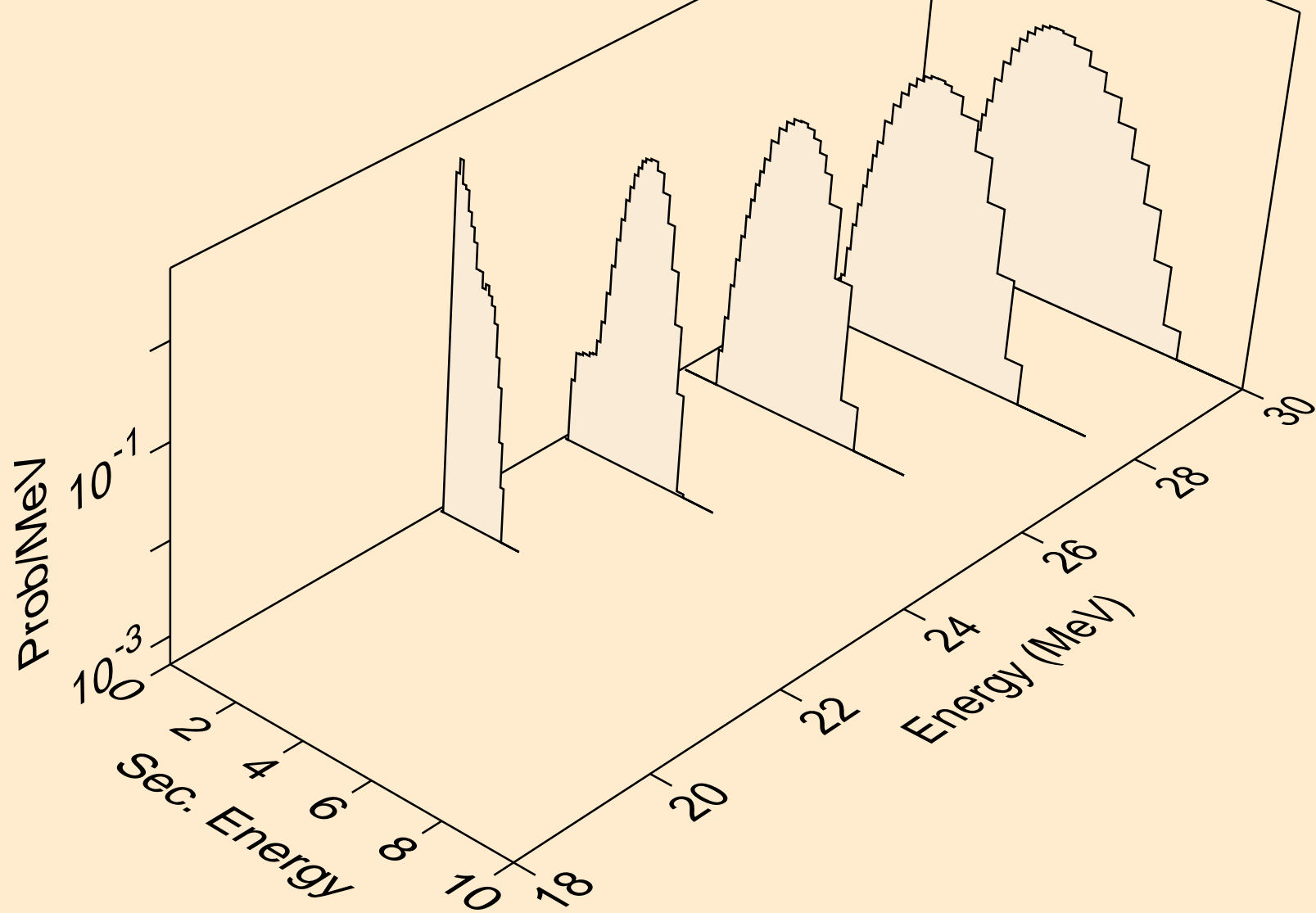
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



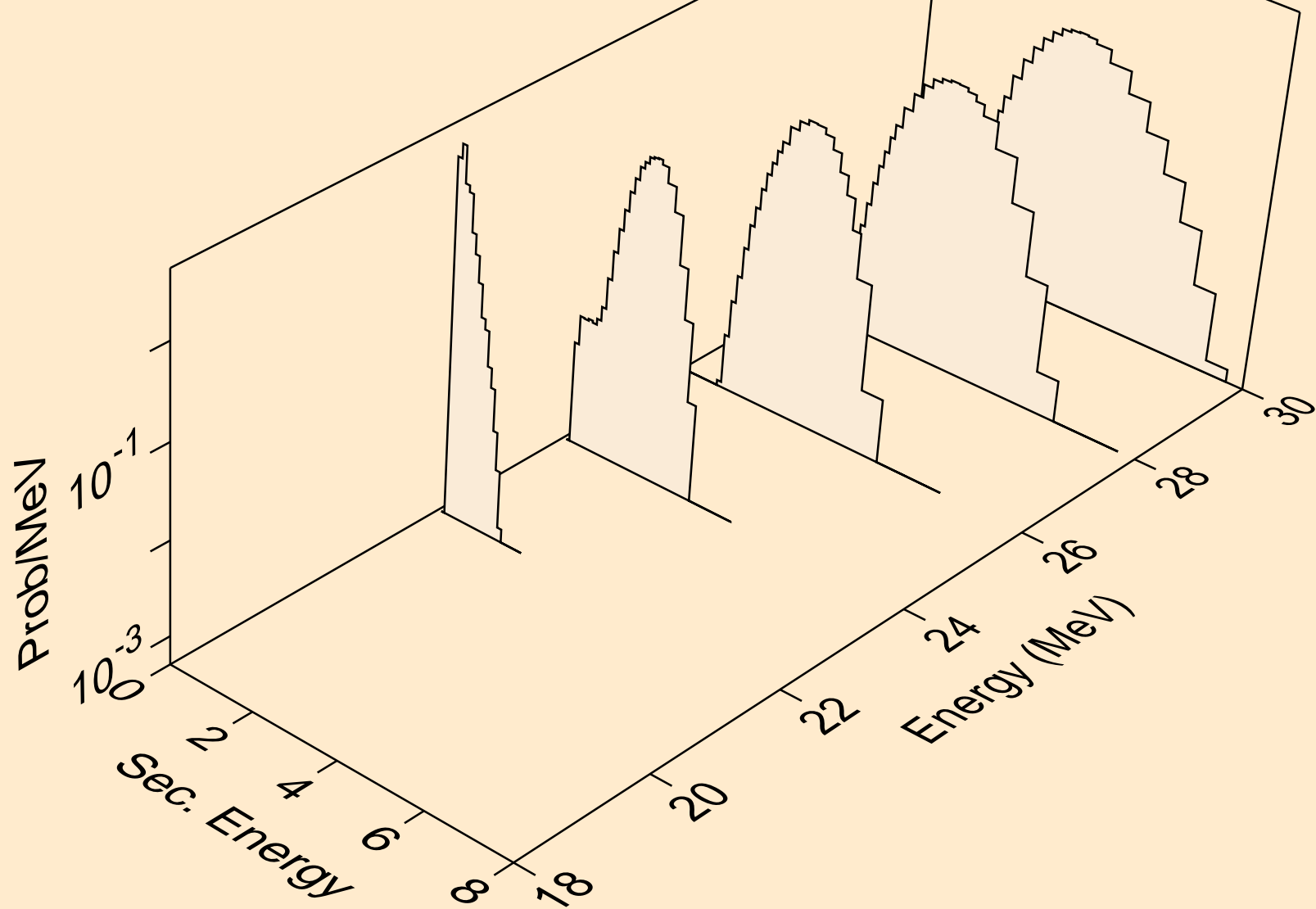
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



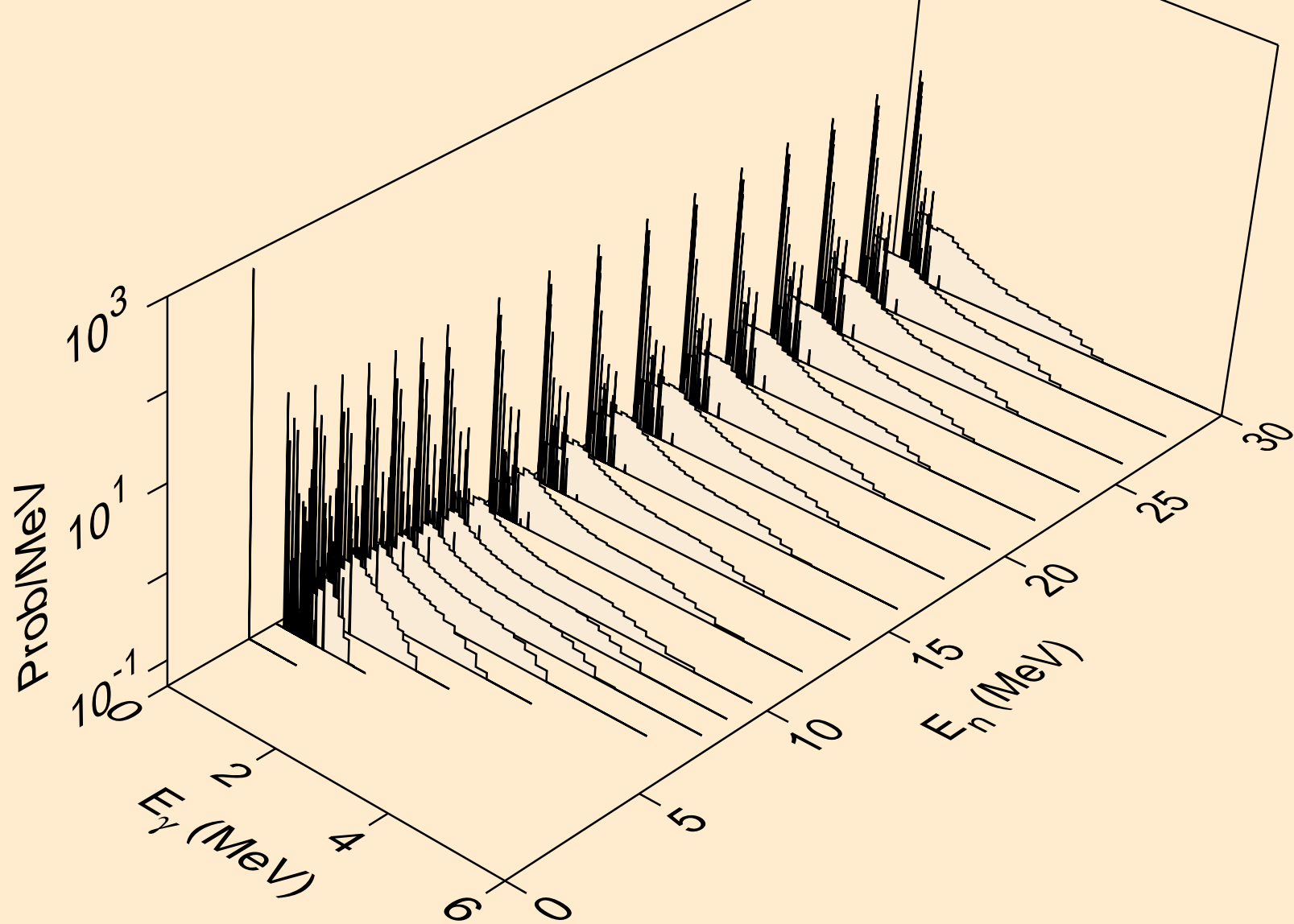
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



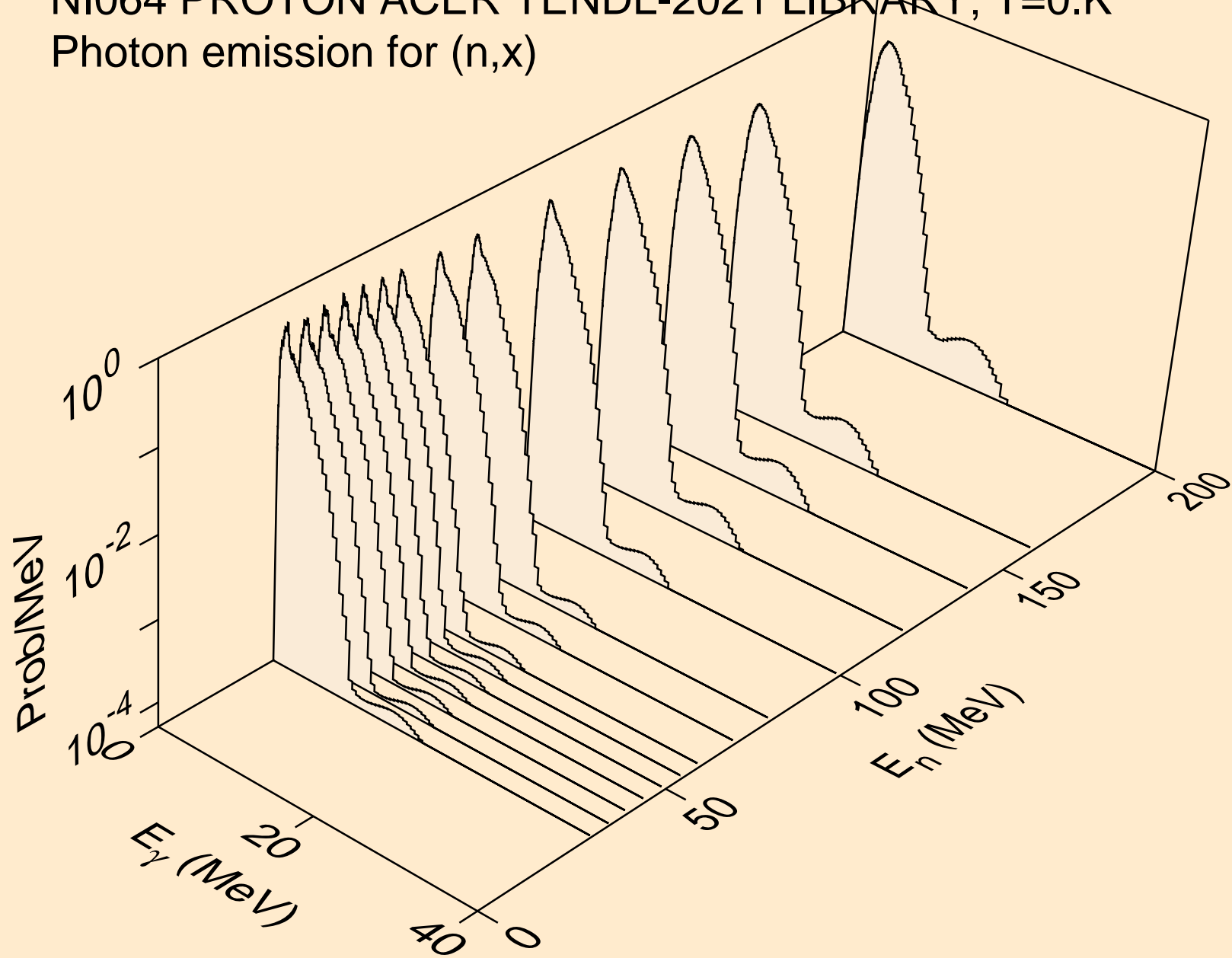
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



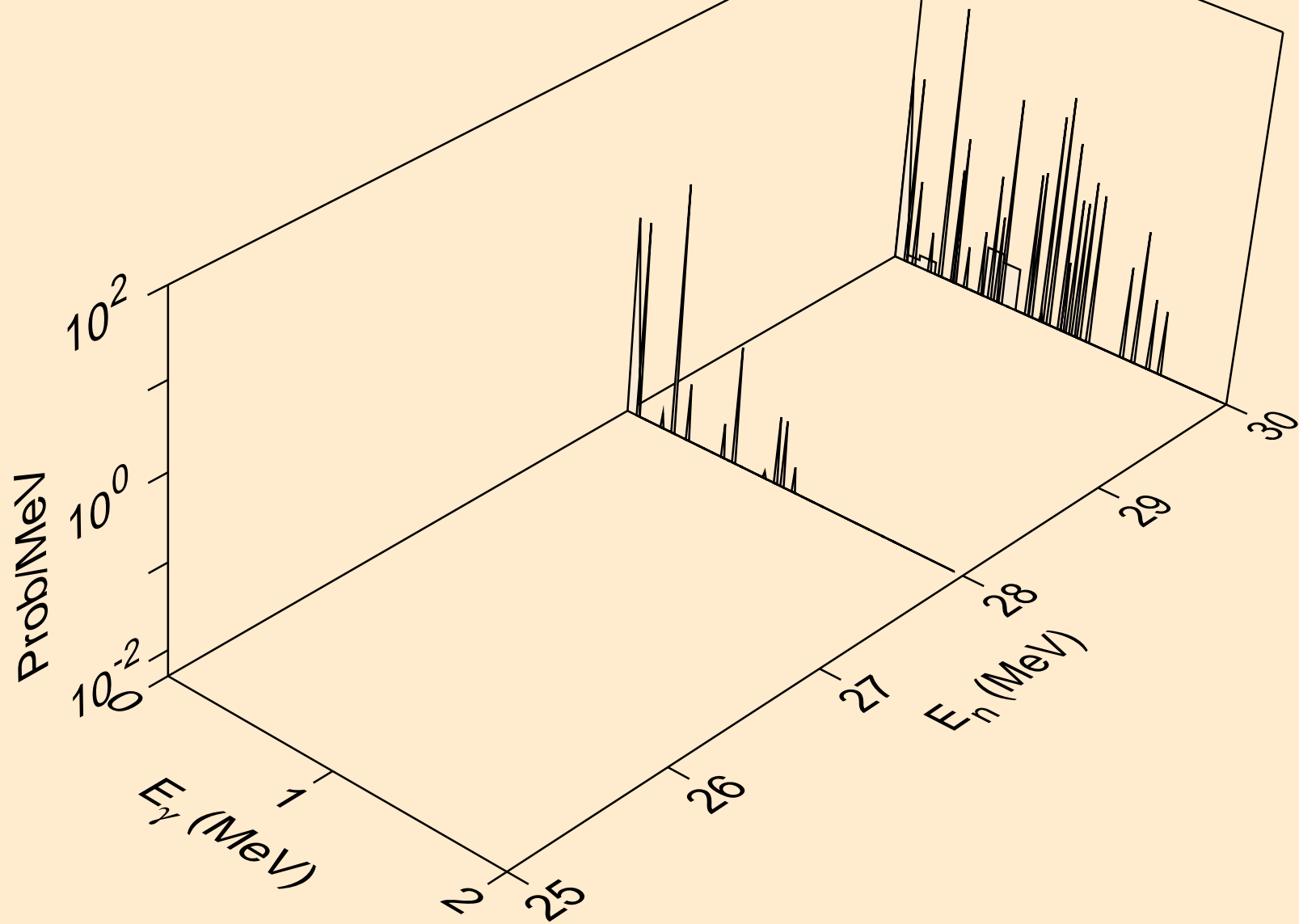
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



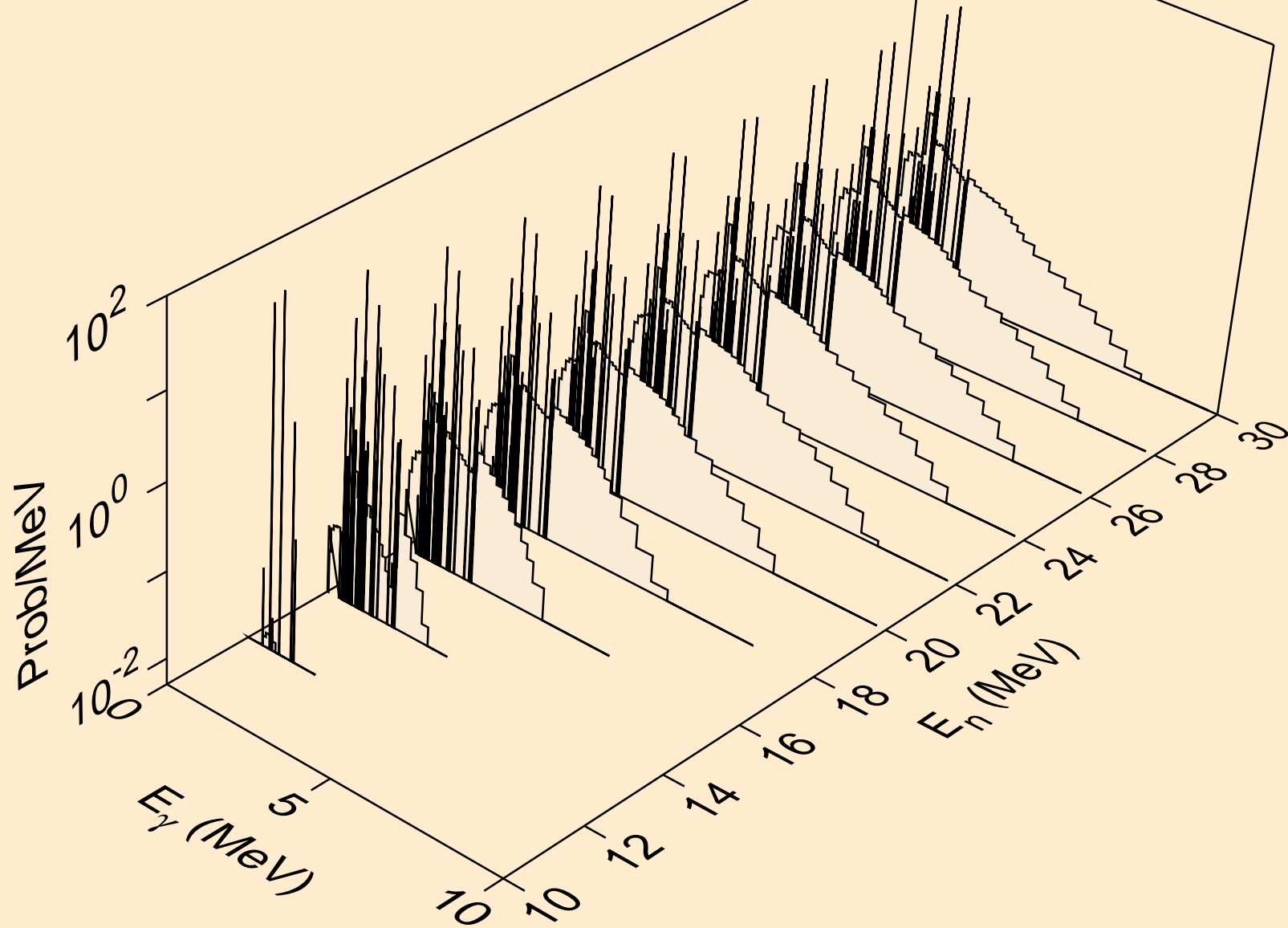
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

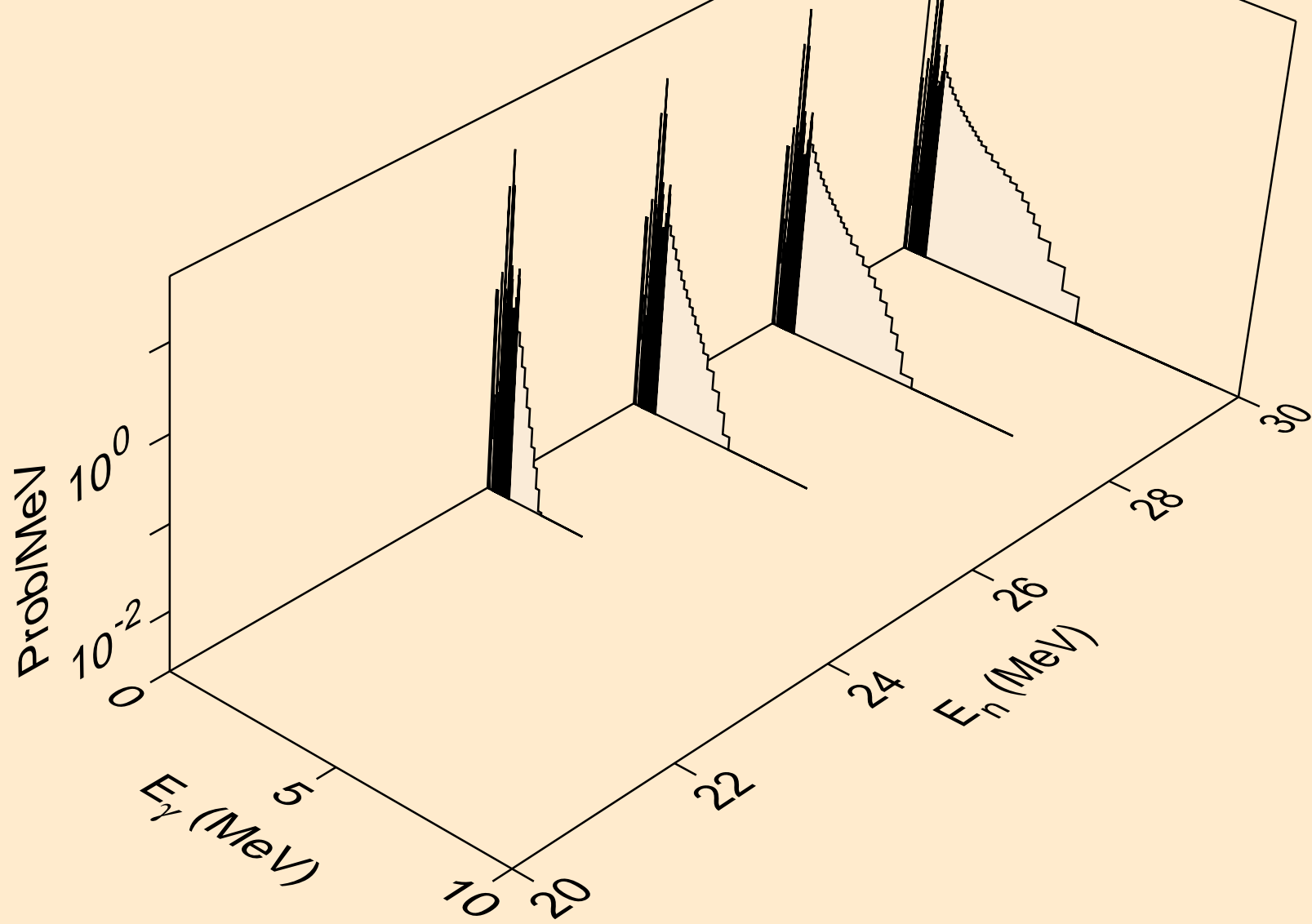


NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

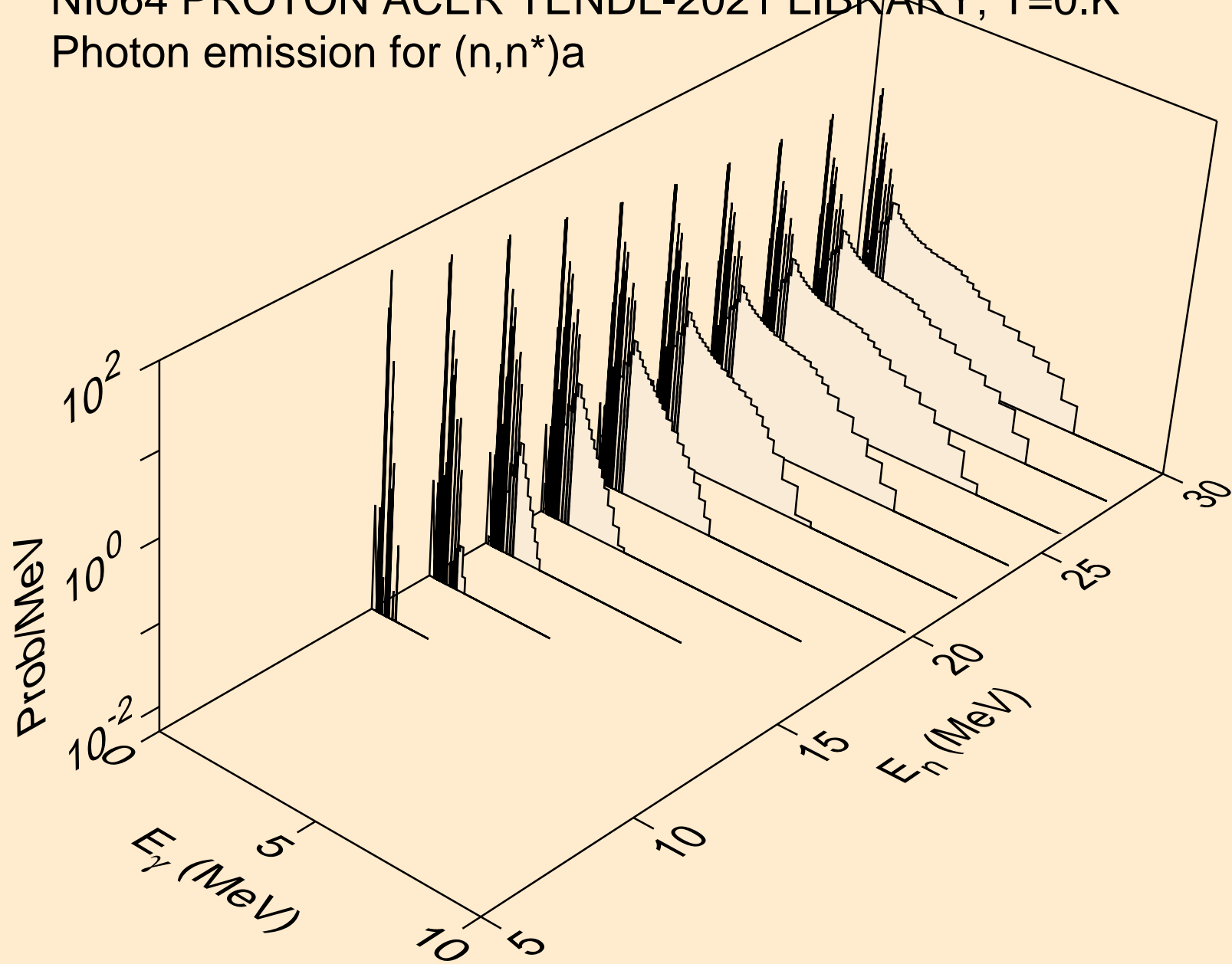




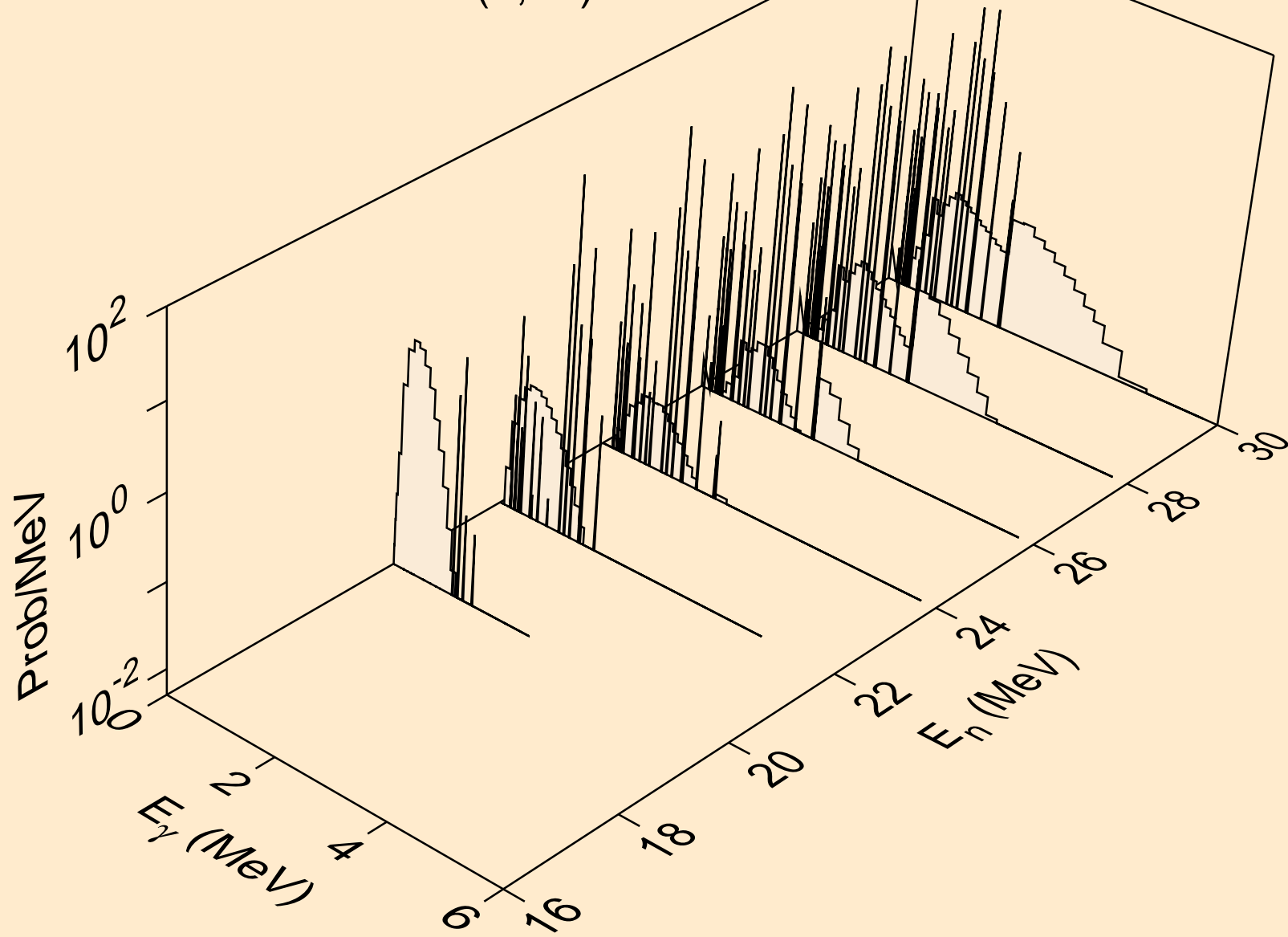
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



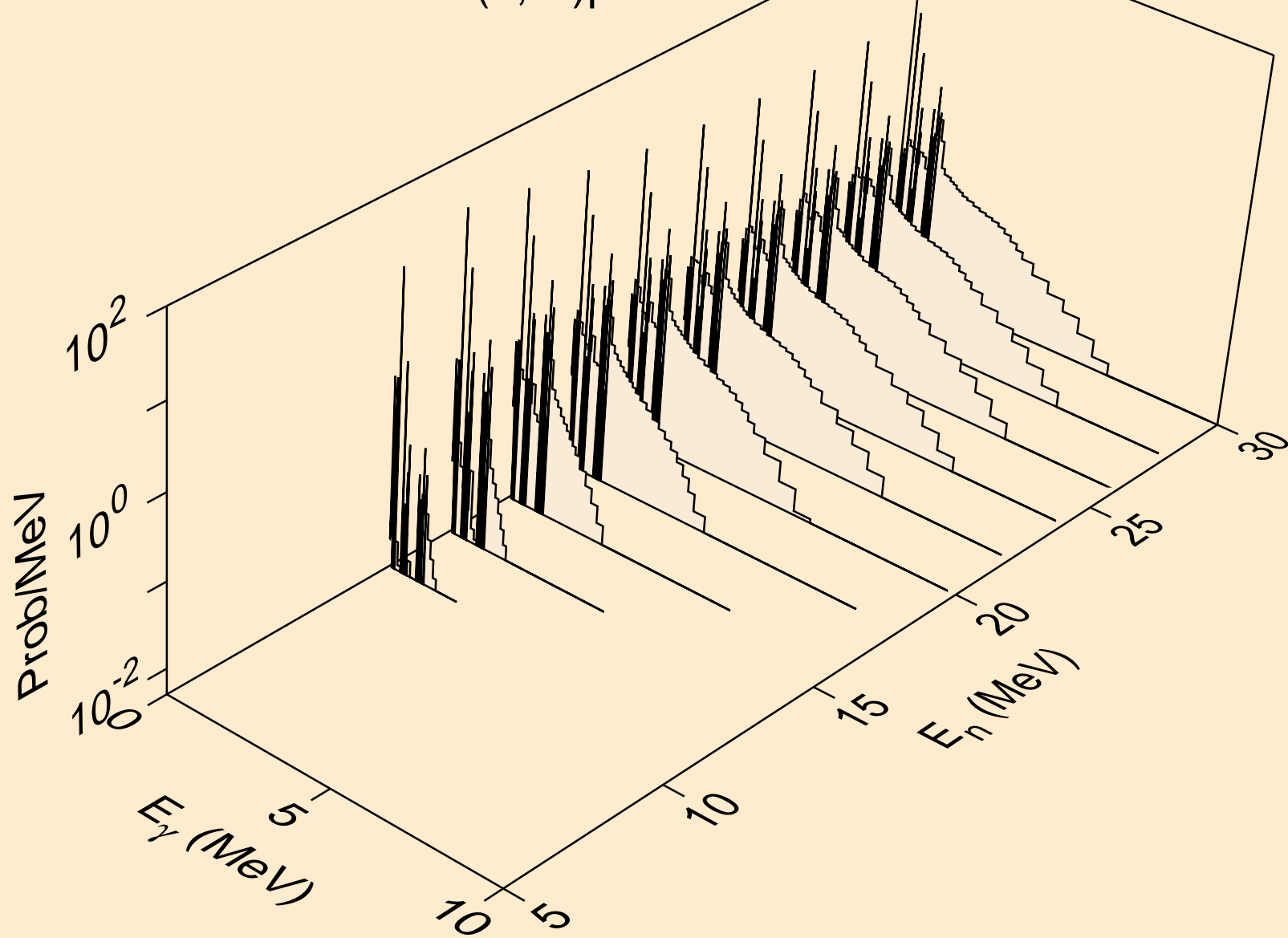
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



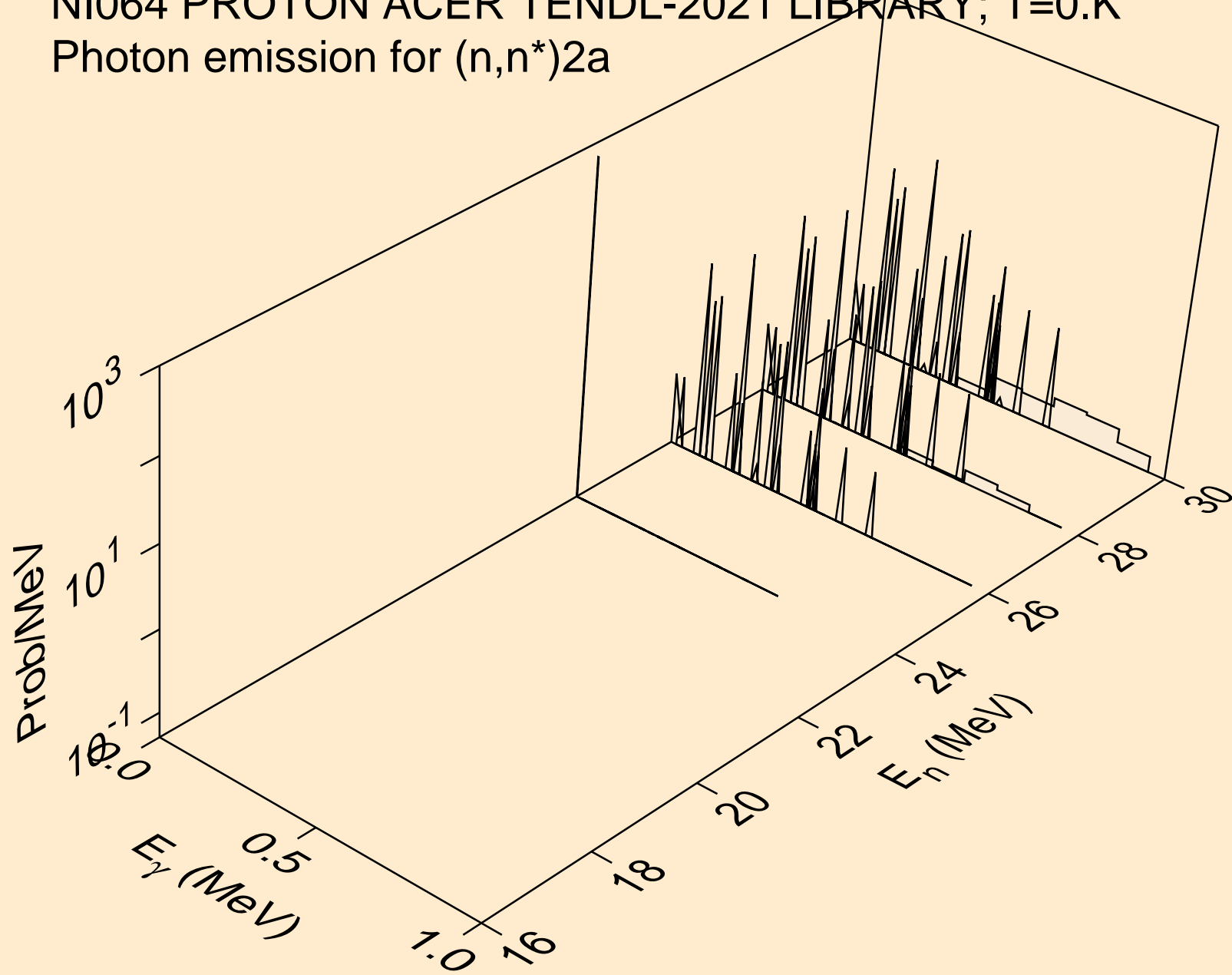
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



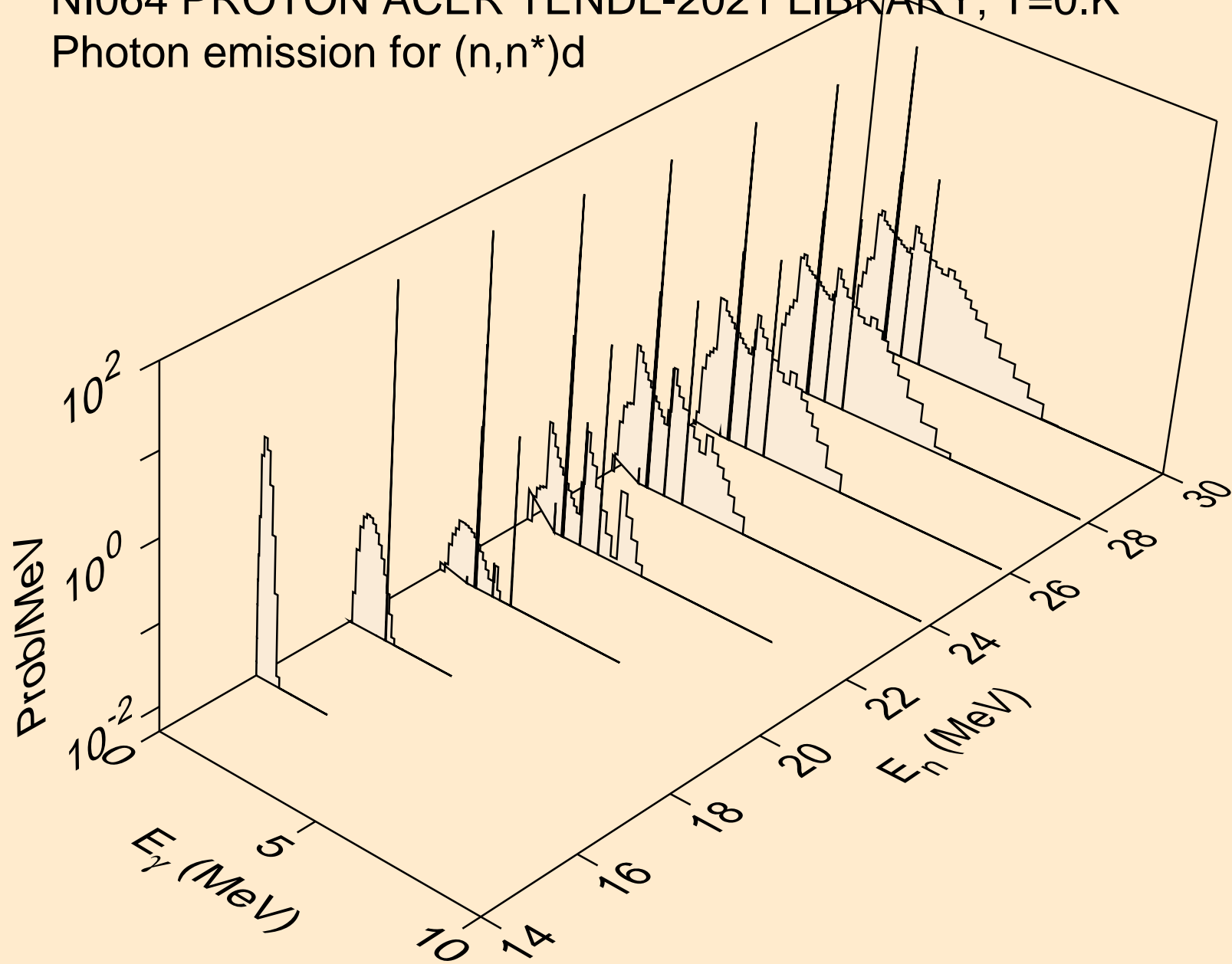
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Photon emission for (n,n\*)p



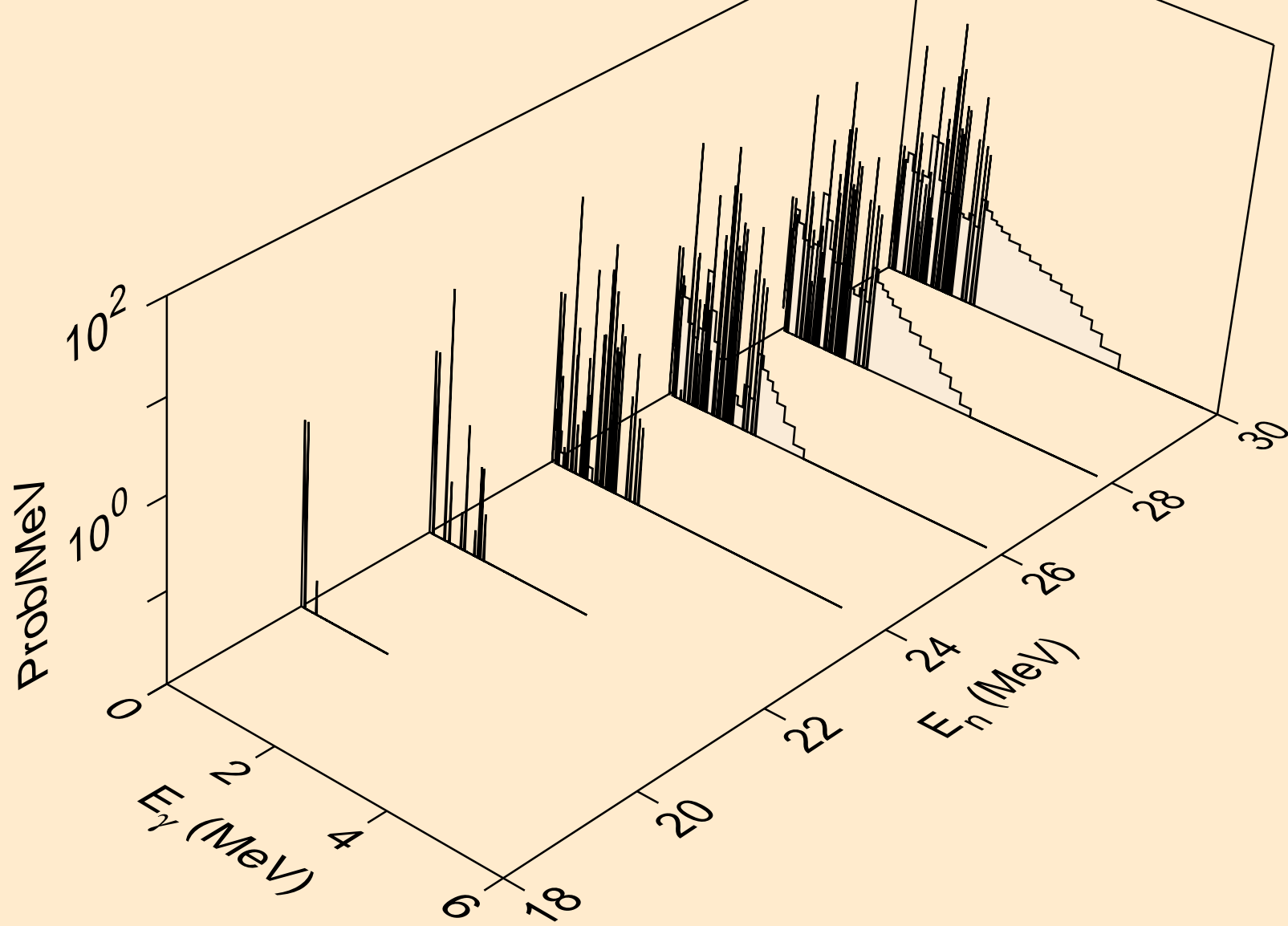
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Photon emission for (n,n\*)2a



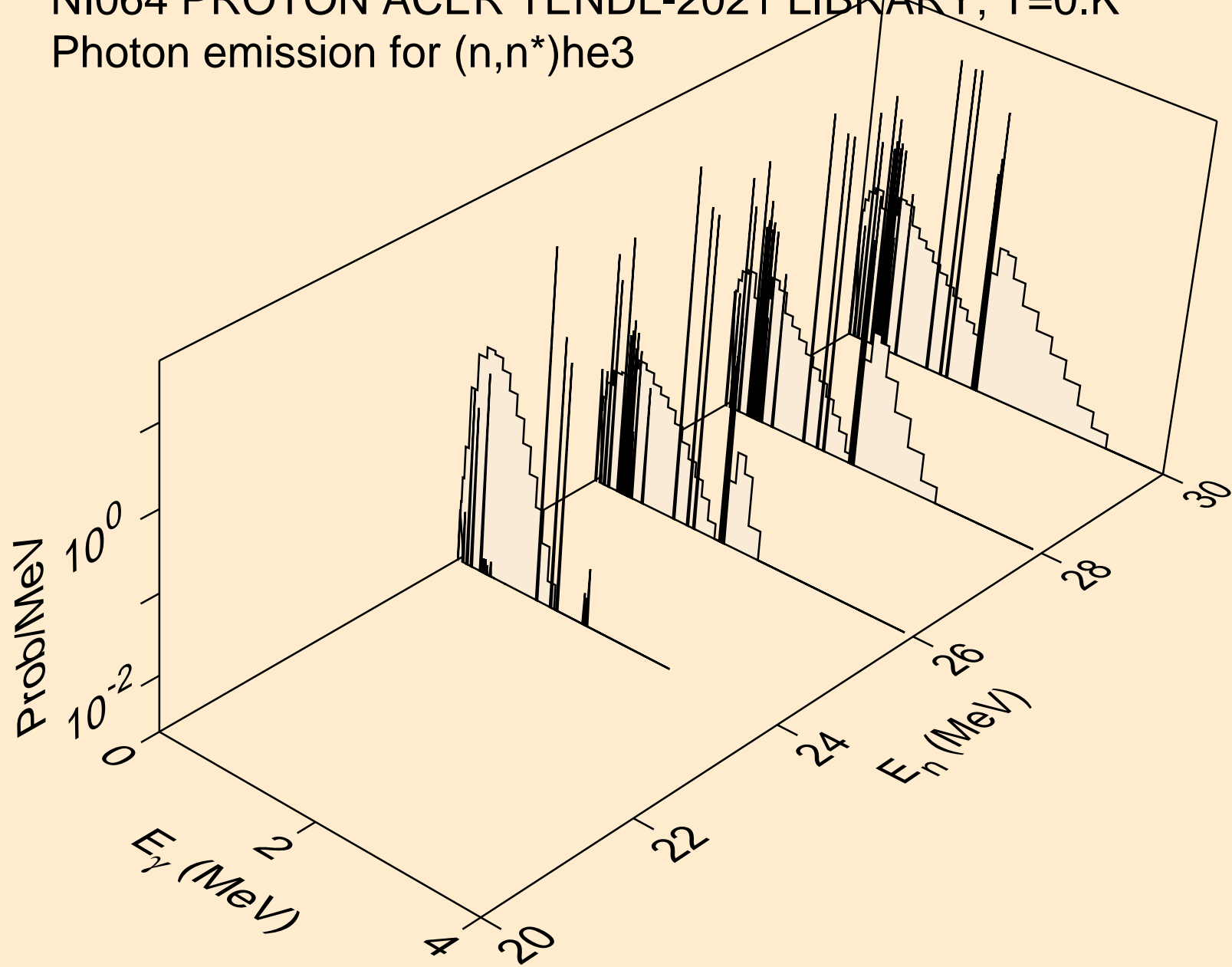
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

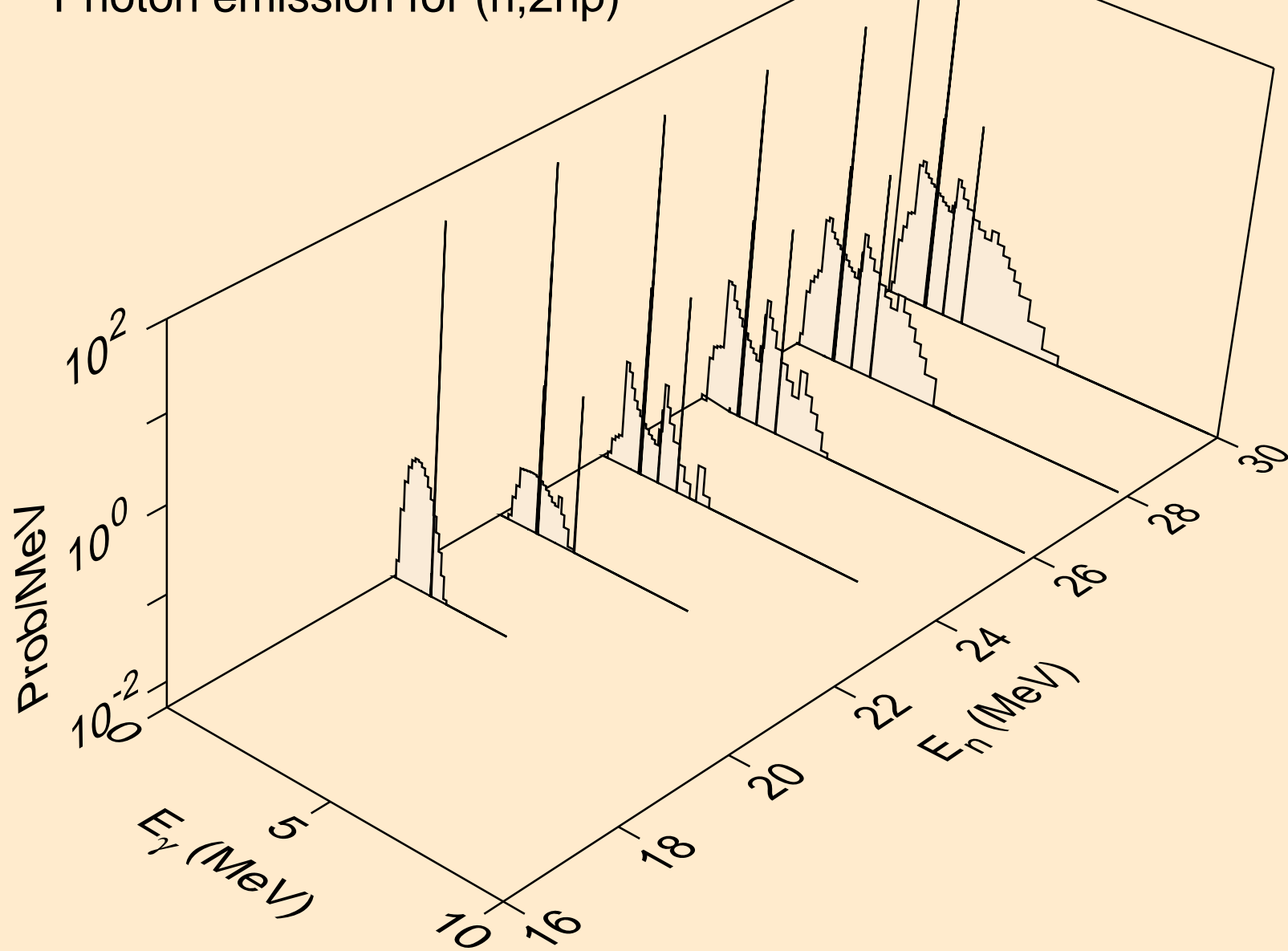


NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

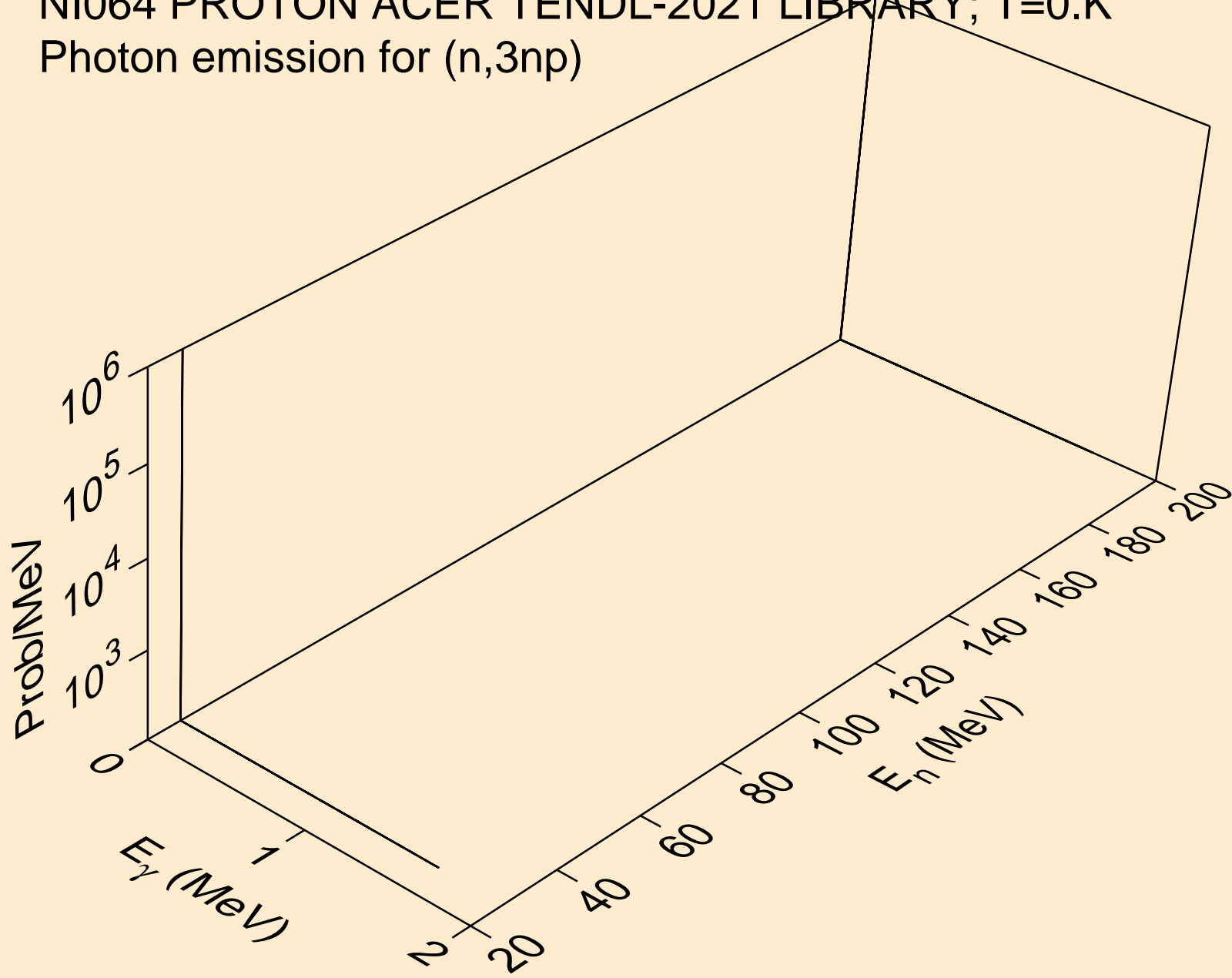




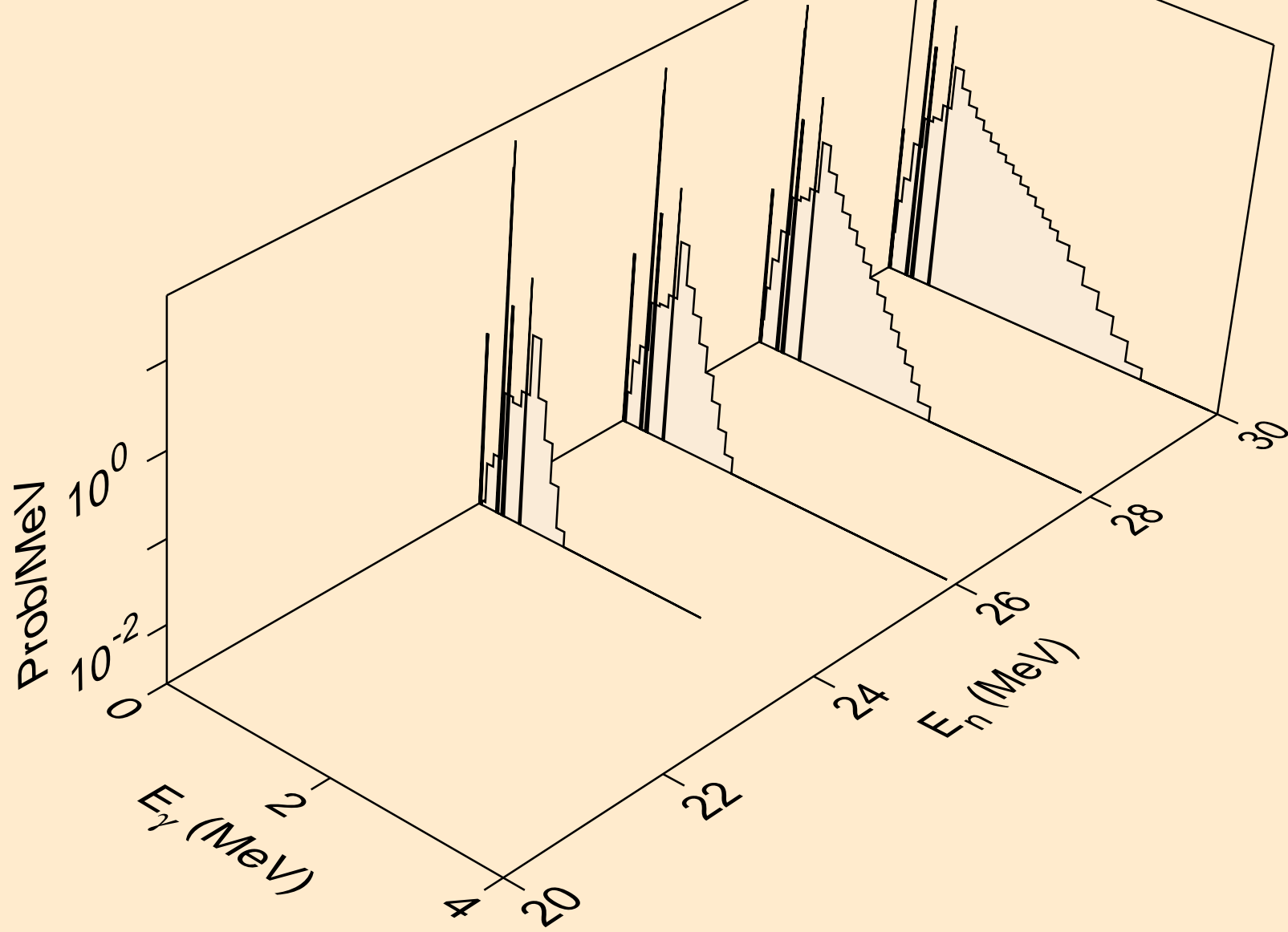
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Photon emission for (n,2np)



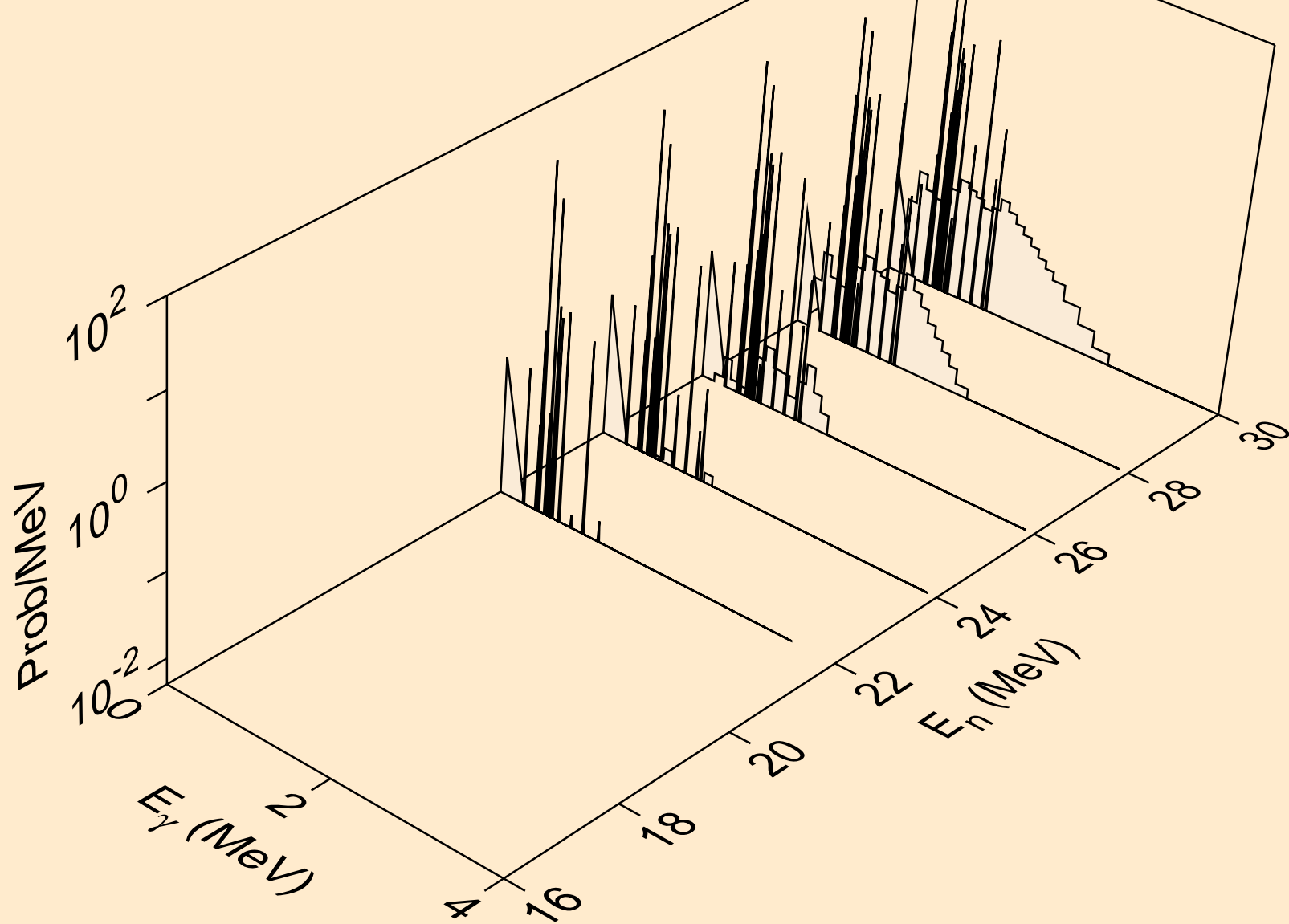
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Photon emission for (n,3np)



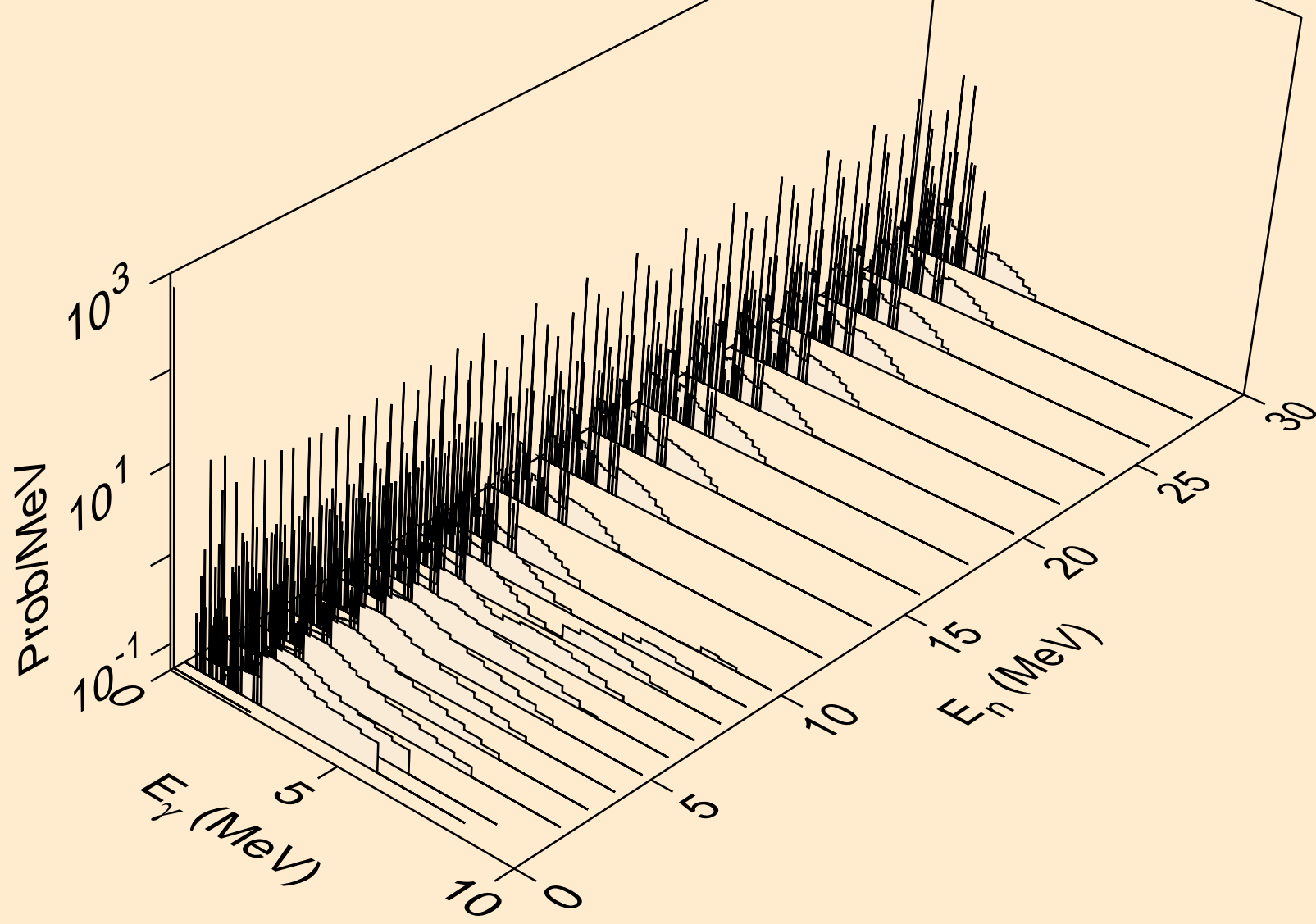
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Photon emission for (n,2np)



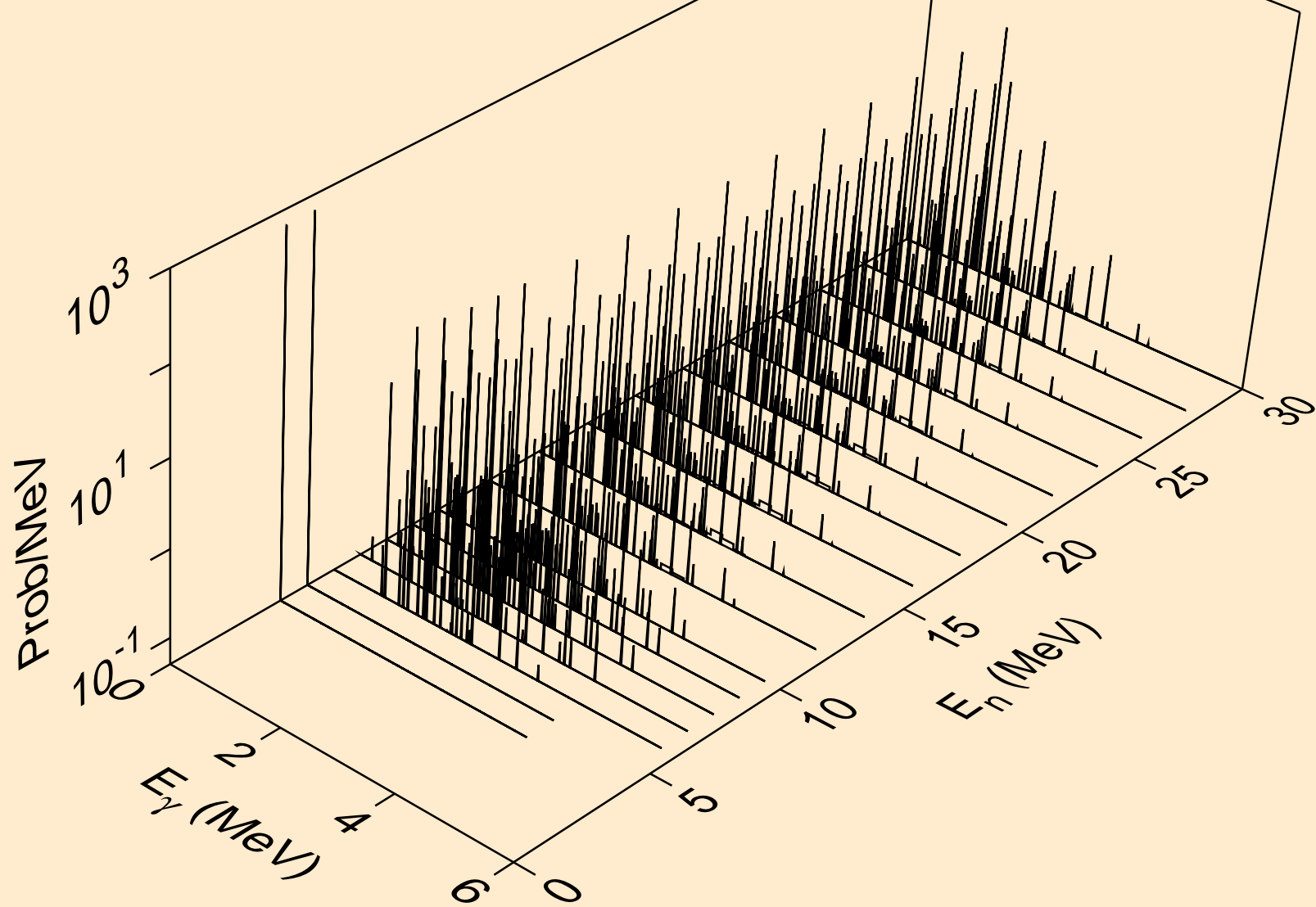
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Photon emission for (n,npa)



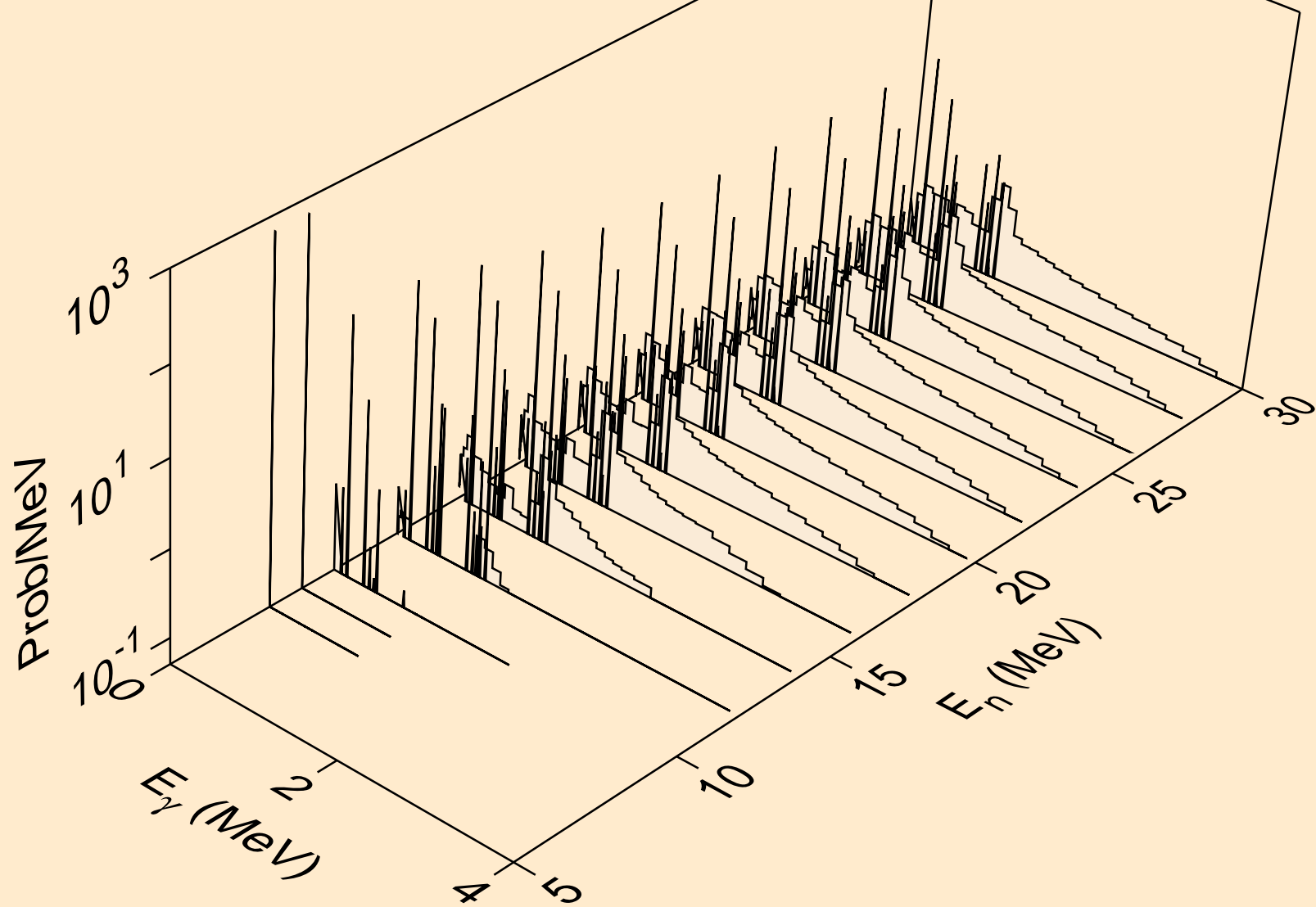
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Photon emission for (n,gma)



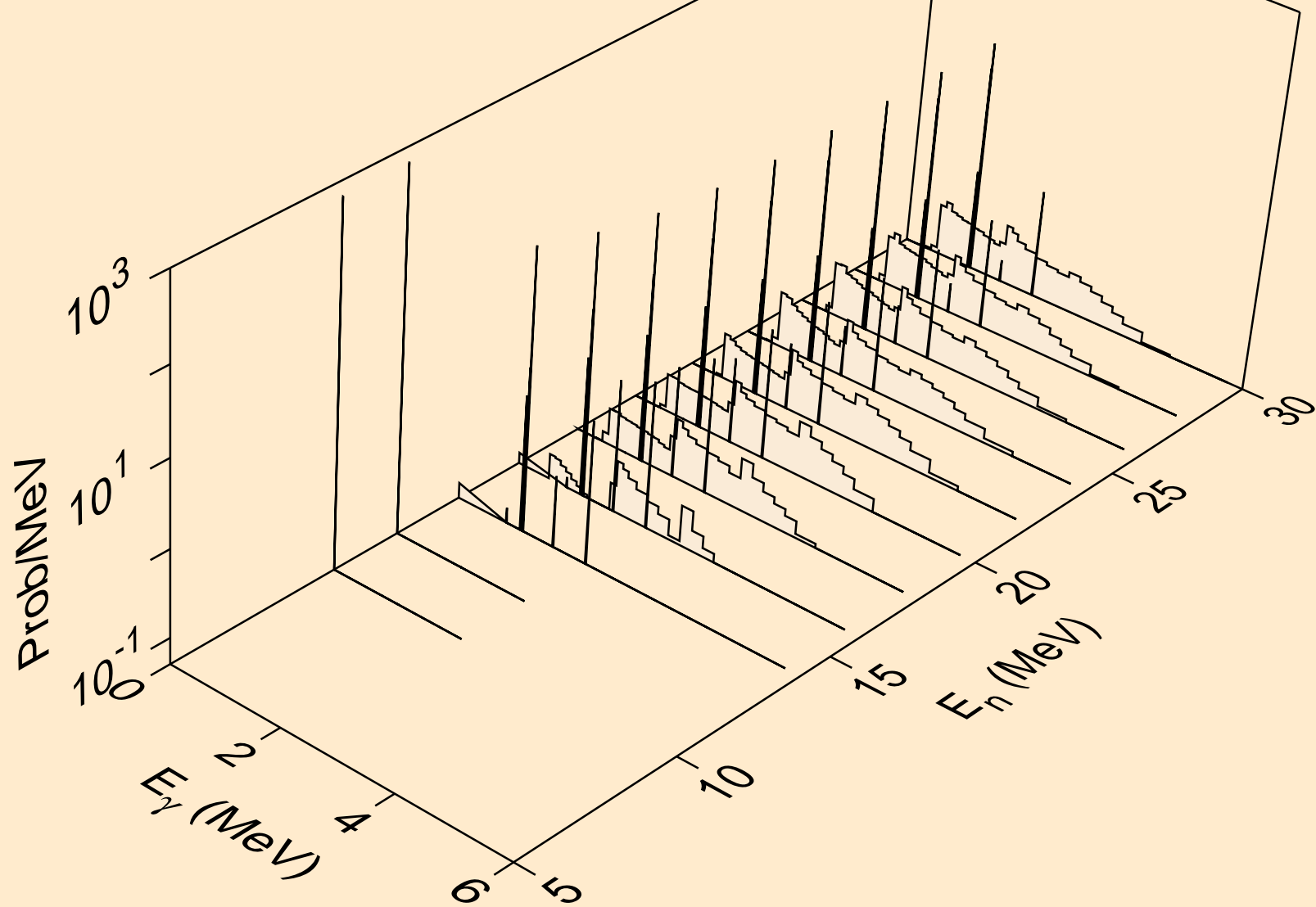
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

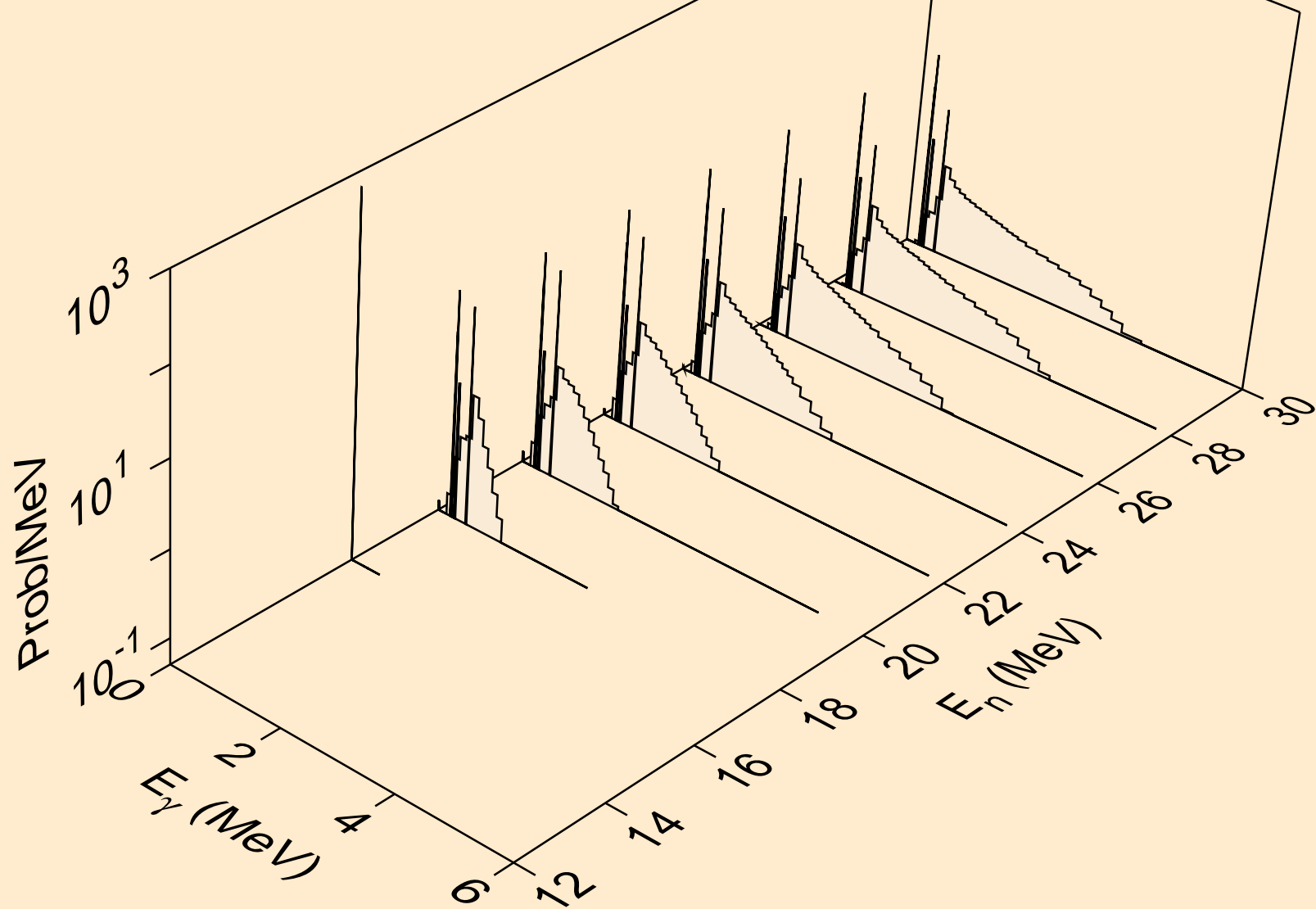


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Photon emission for (n,t)

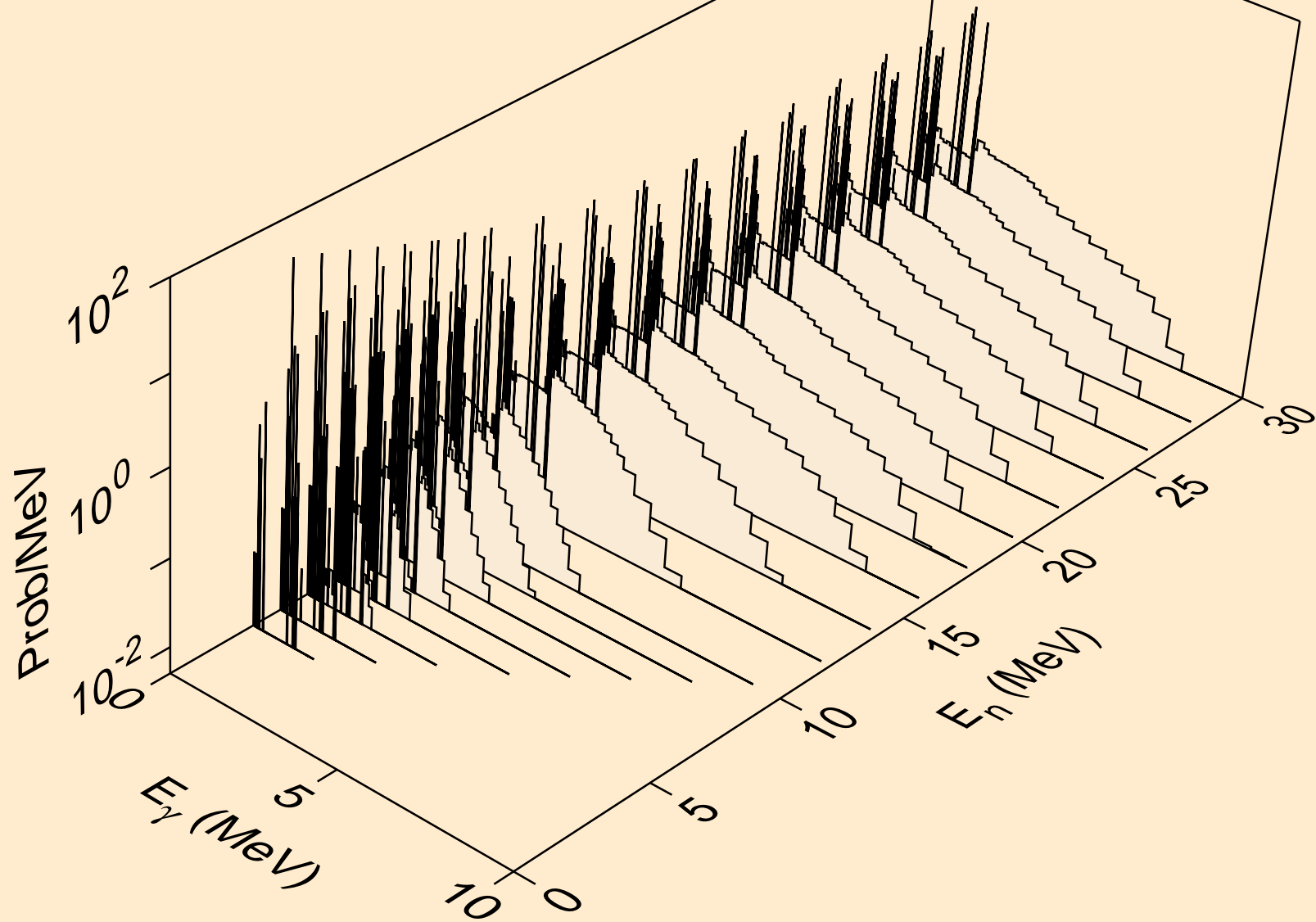




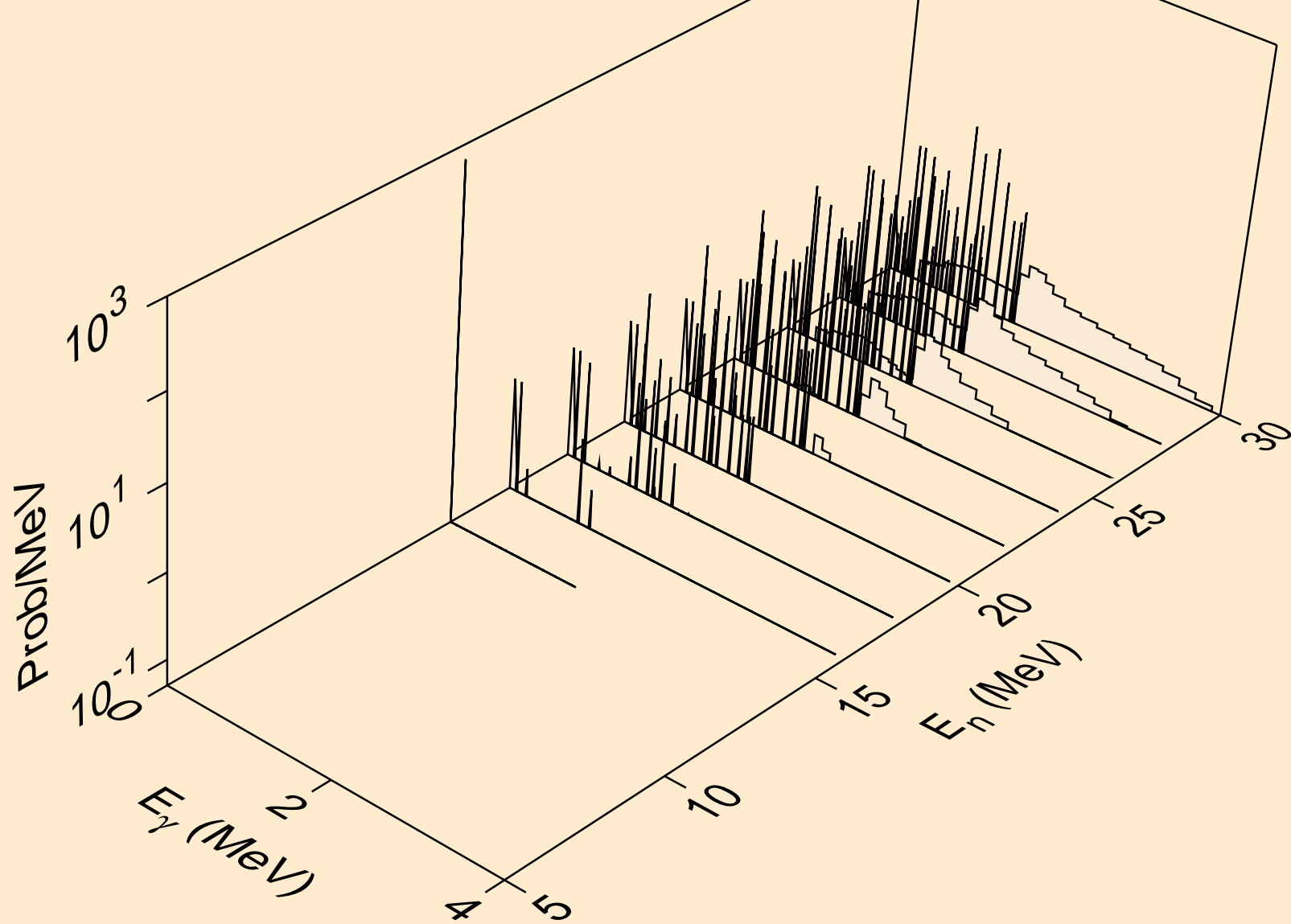
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Photon emission for (n,he3)



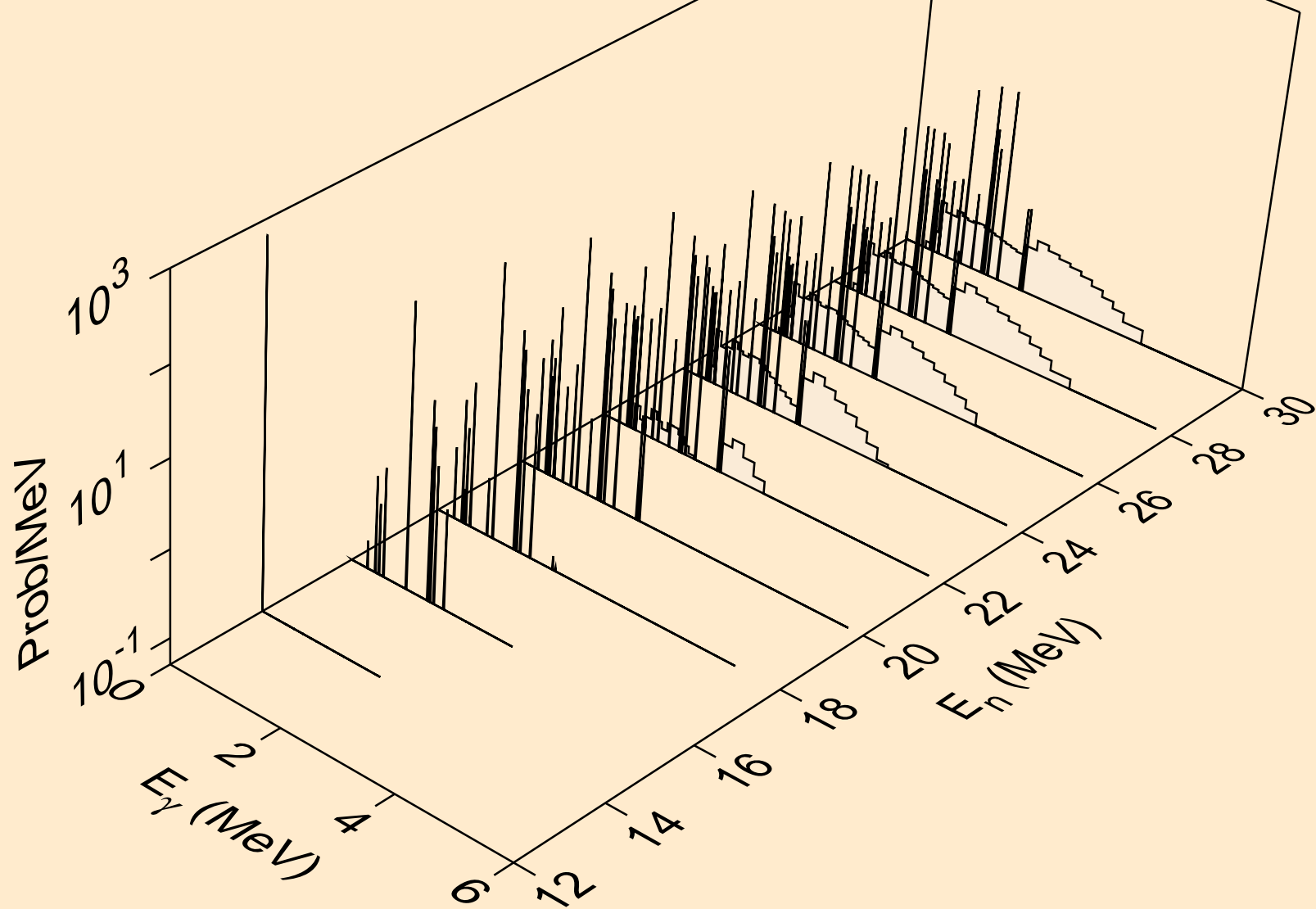
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Photon emission for (n,a)



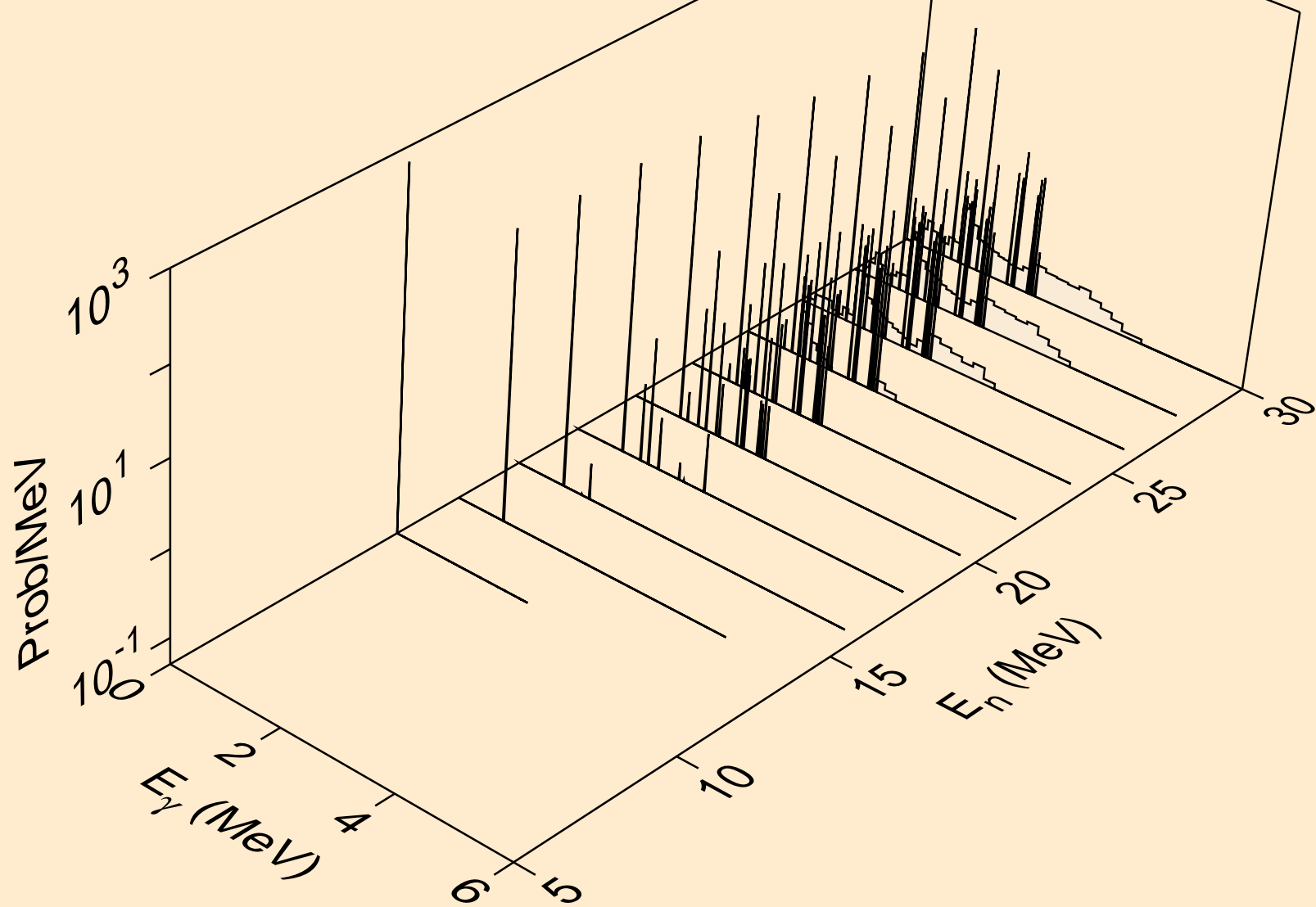
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



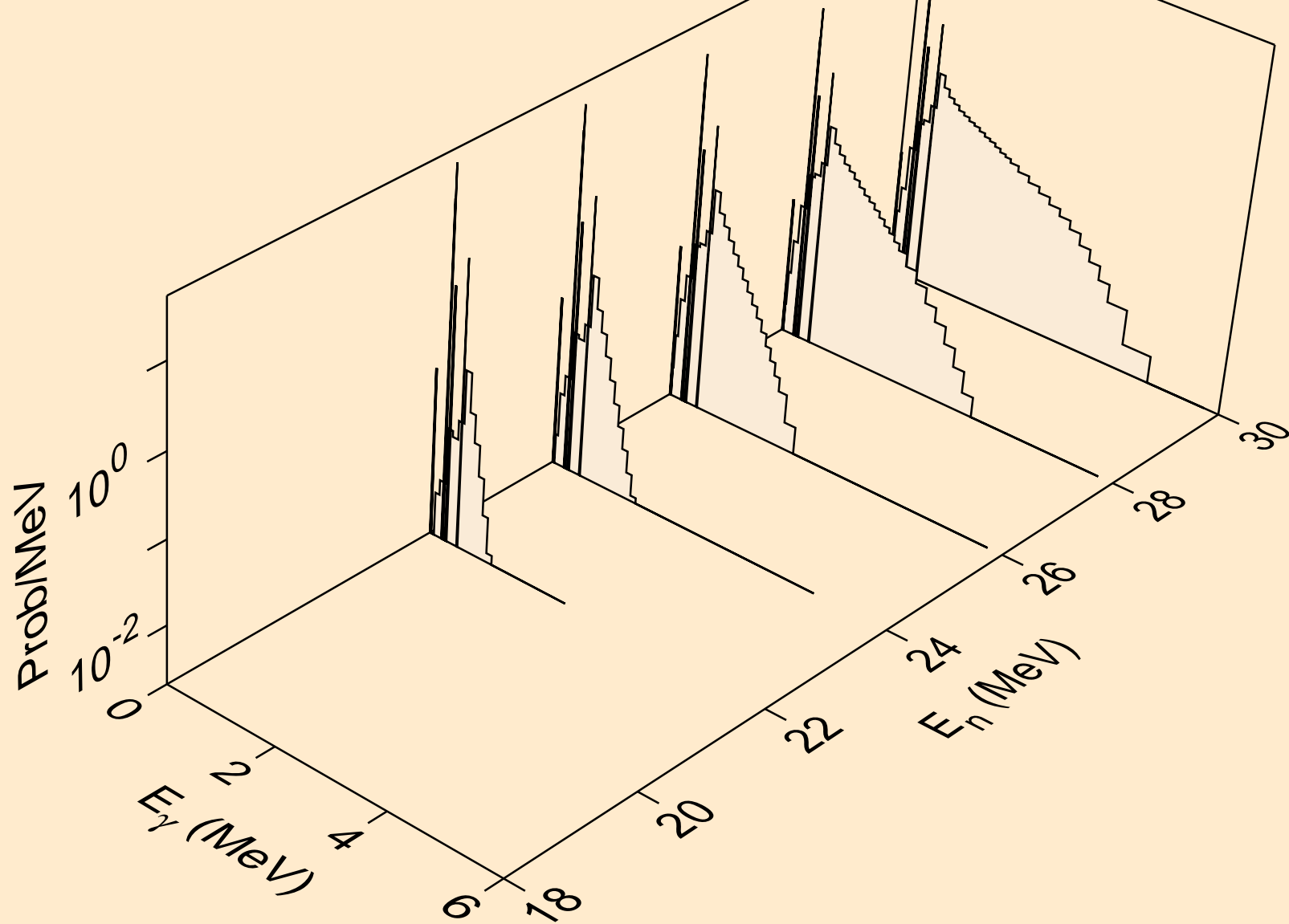
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Photon emission for (n,2p)



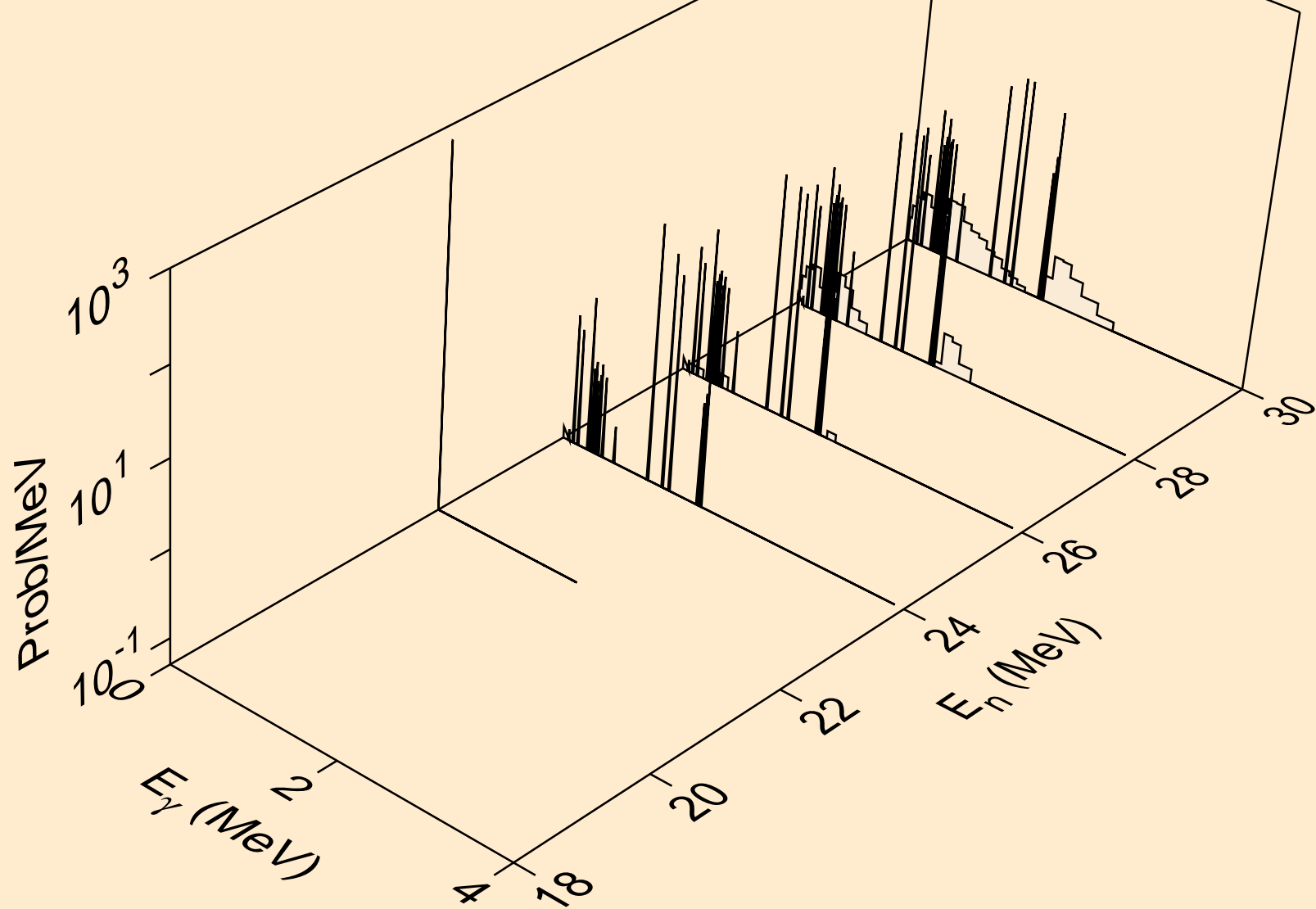
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



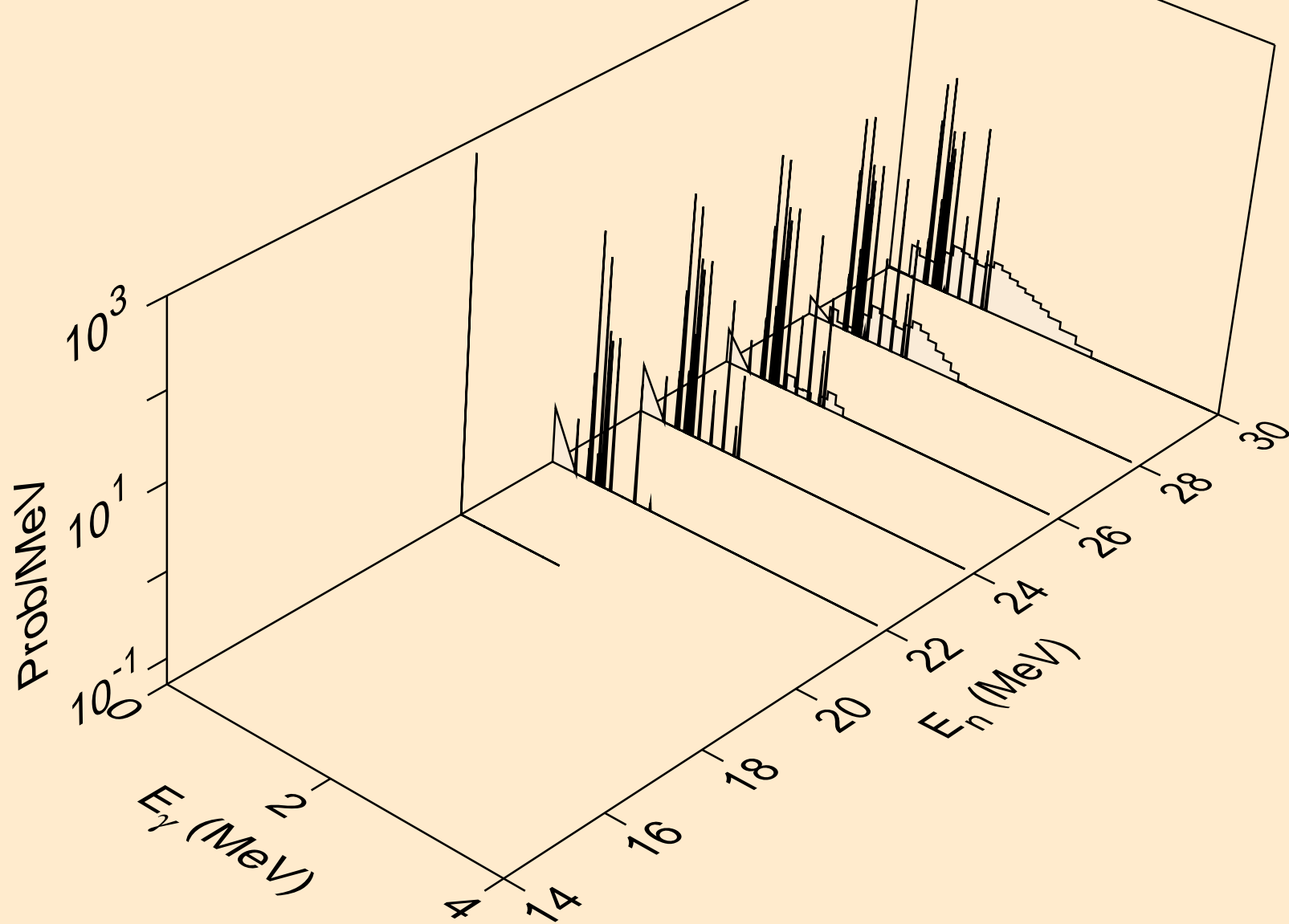
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



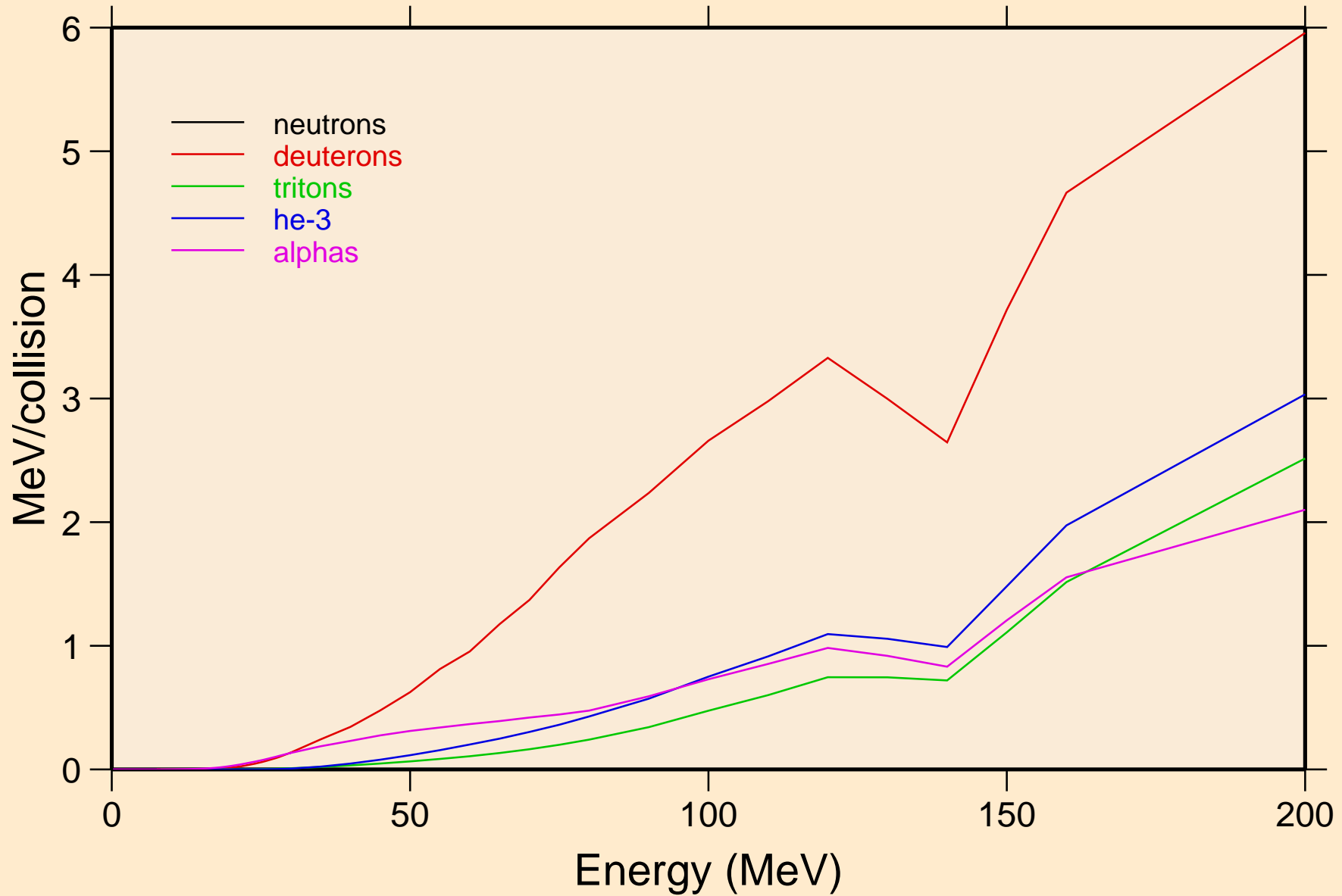
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Photon emission for (n,da)



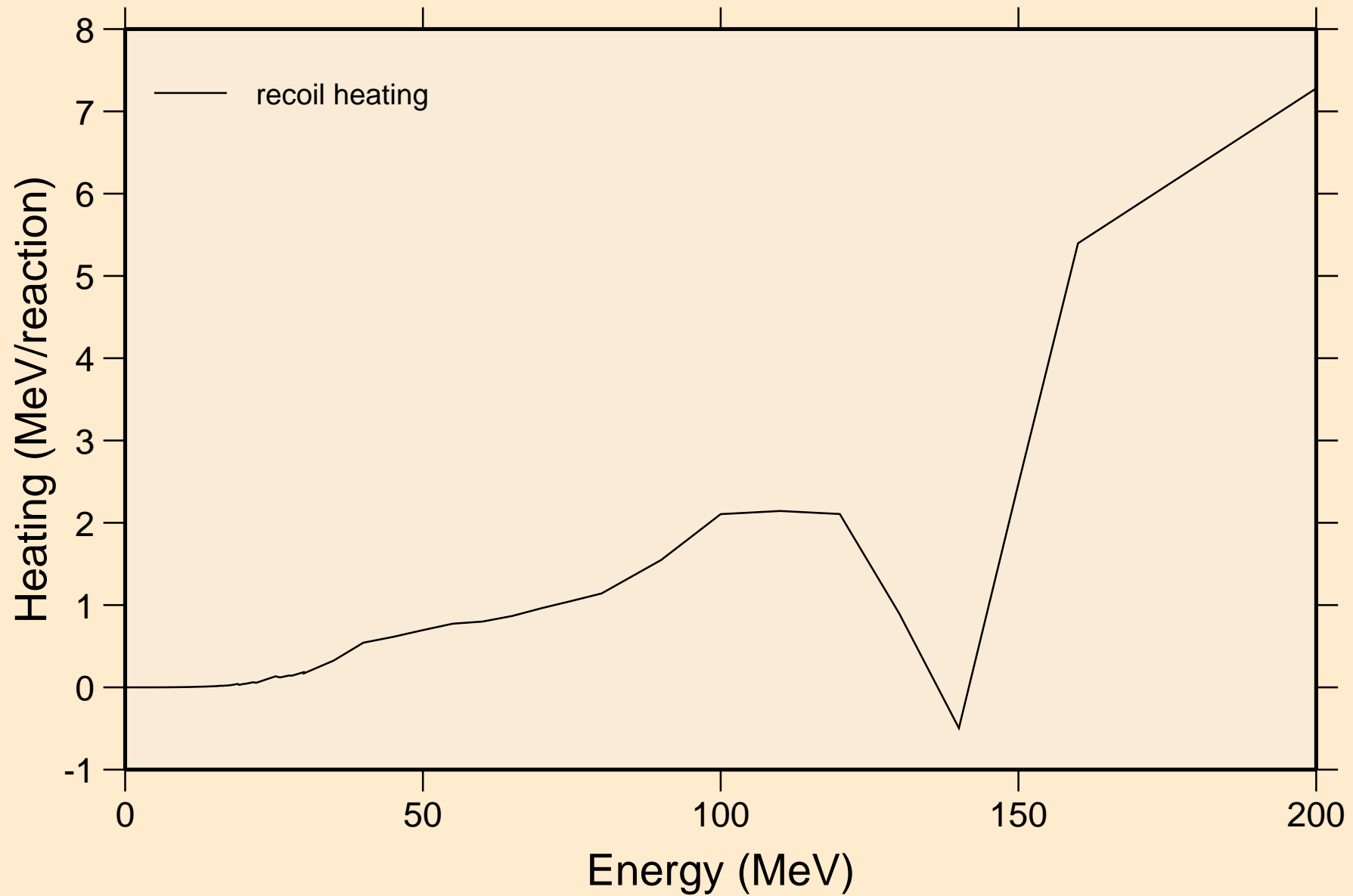


# NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K

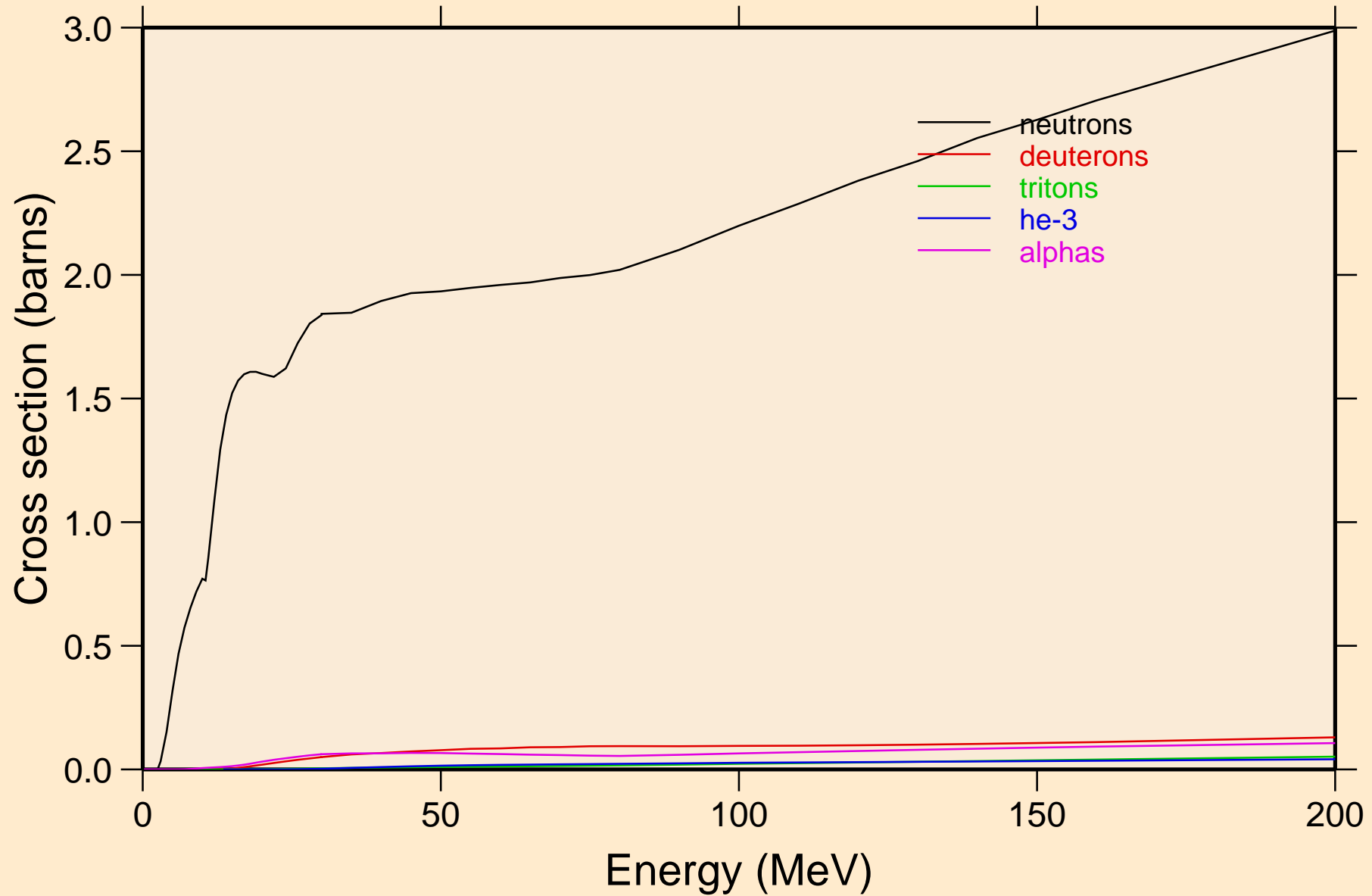
## Particle heating contributions



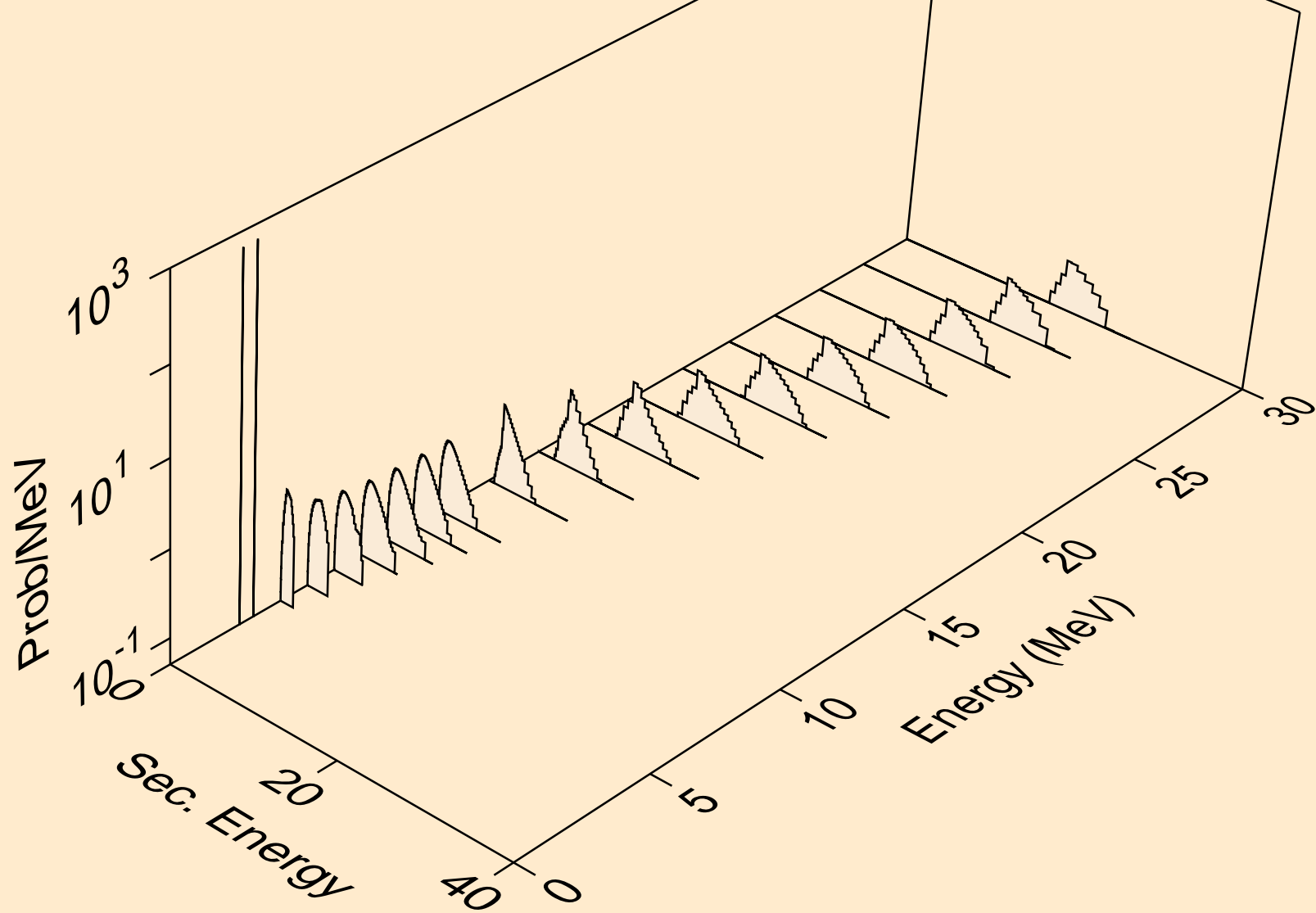
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



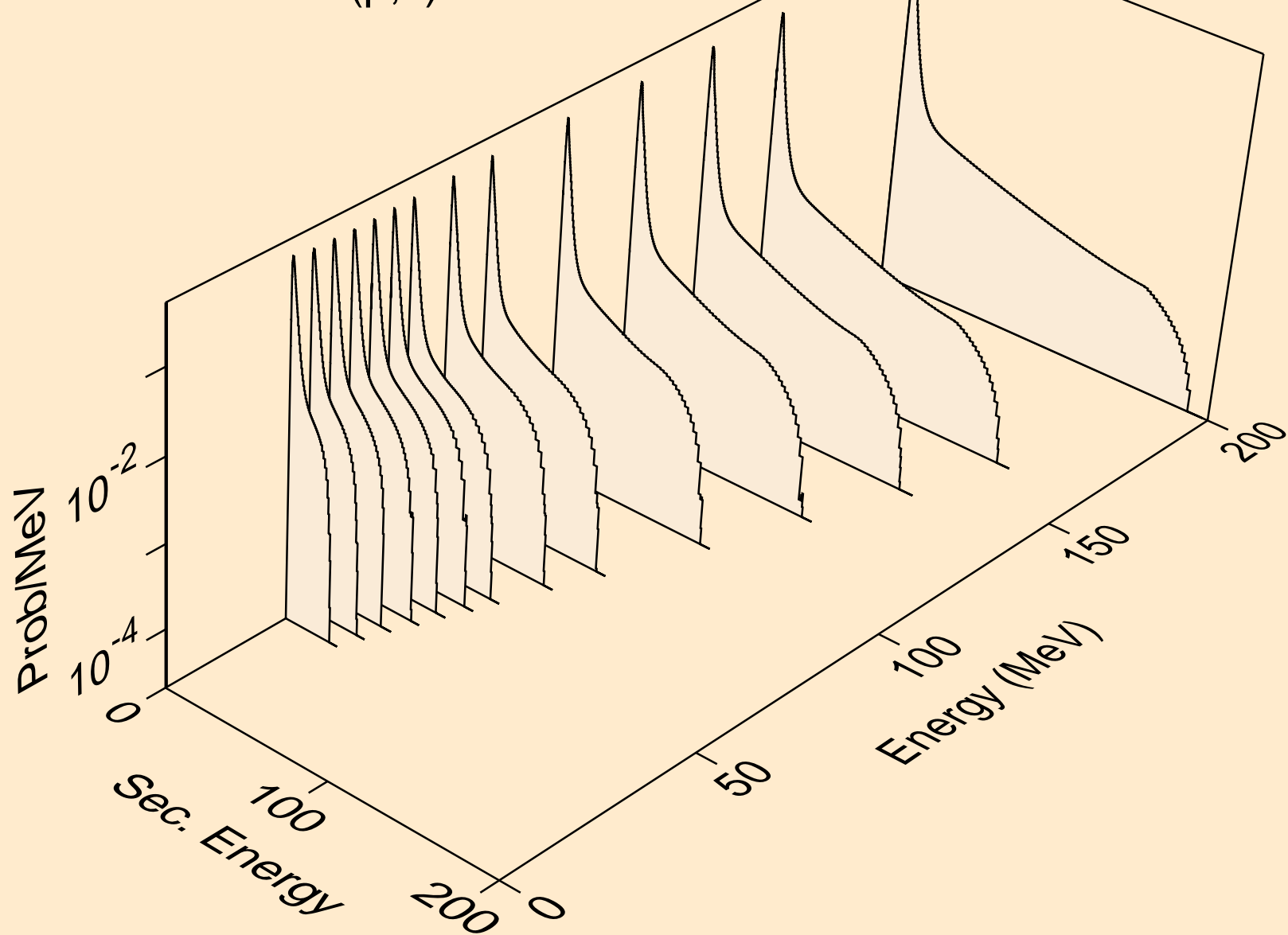
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



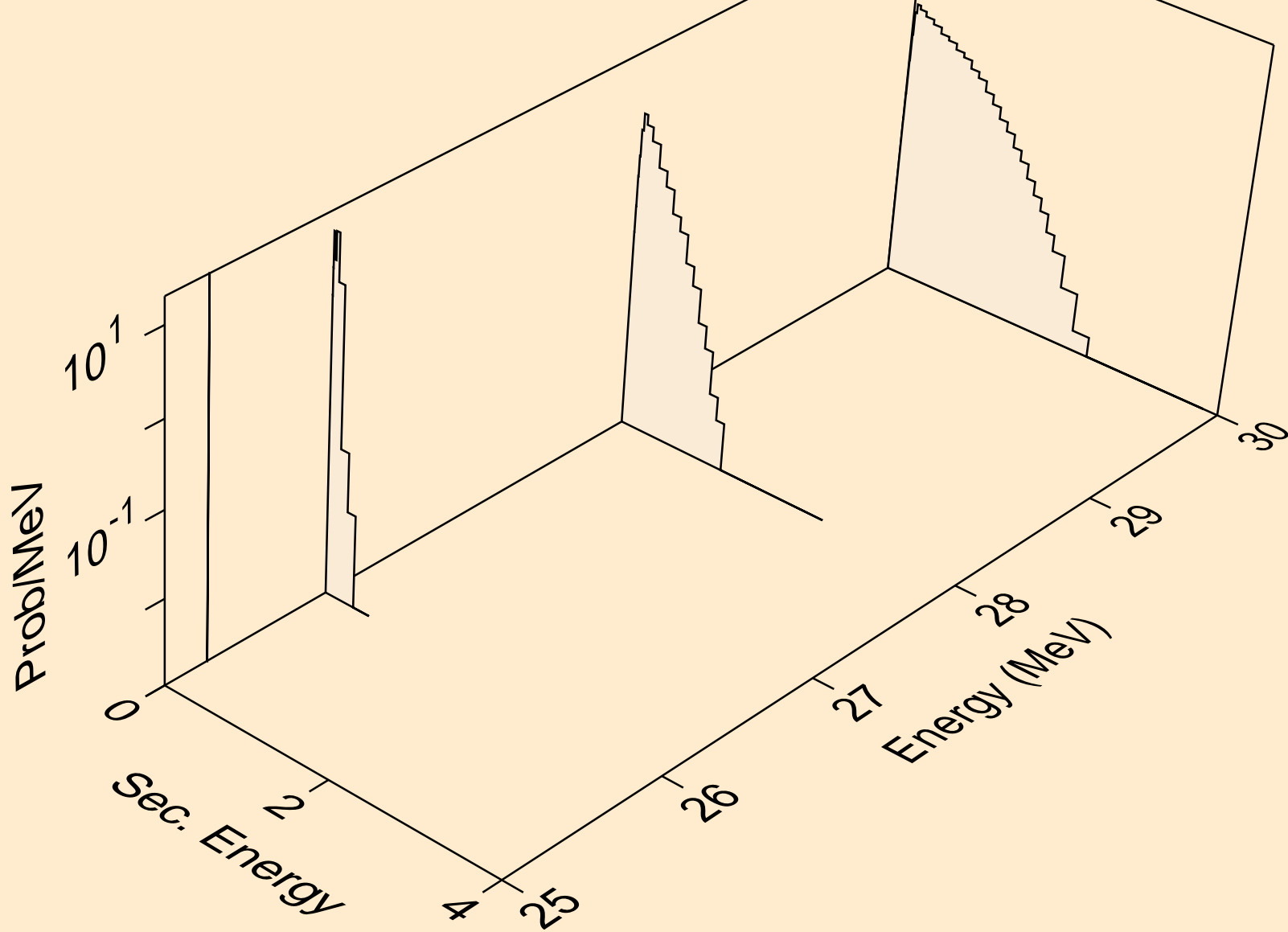
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



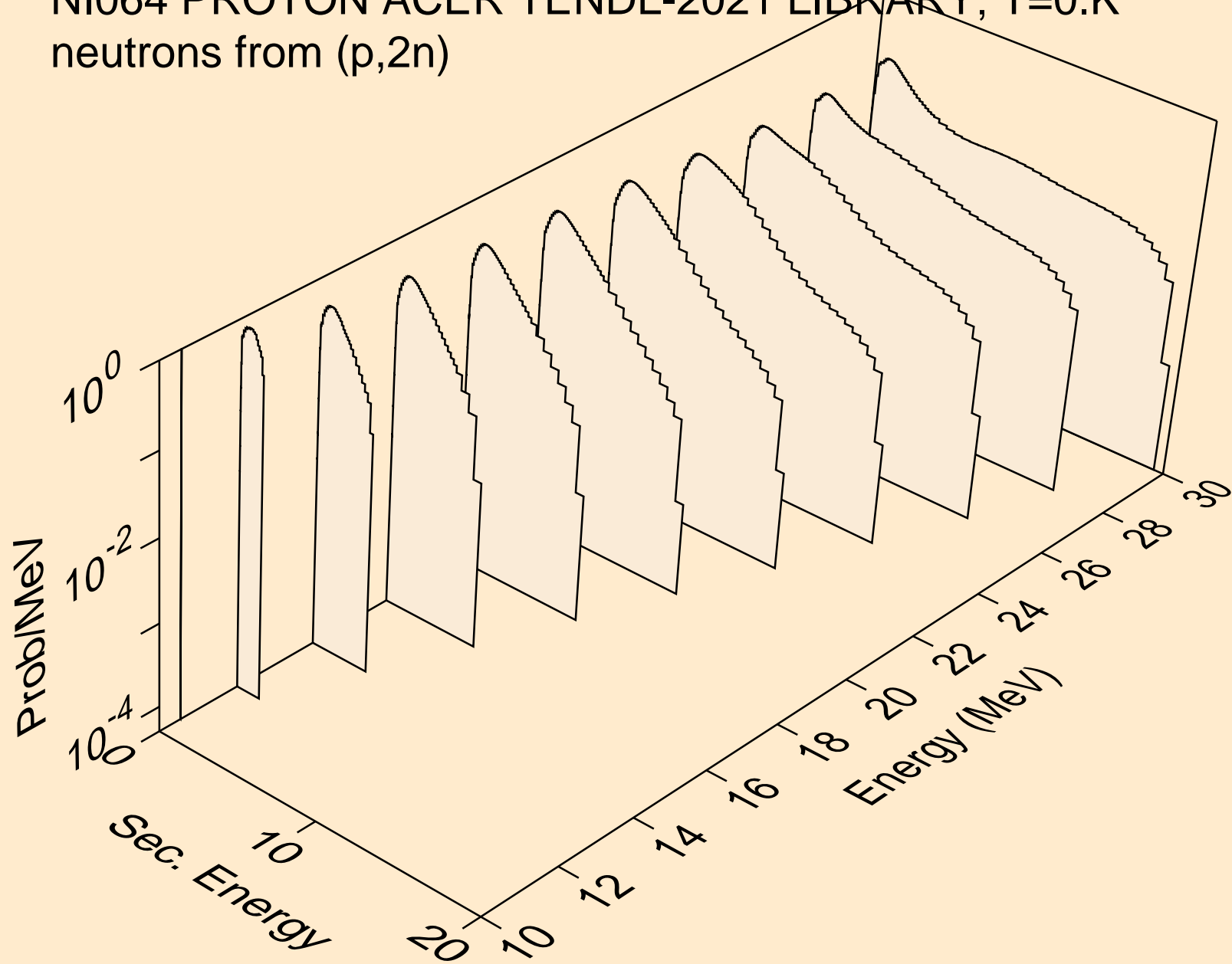
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



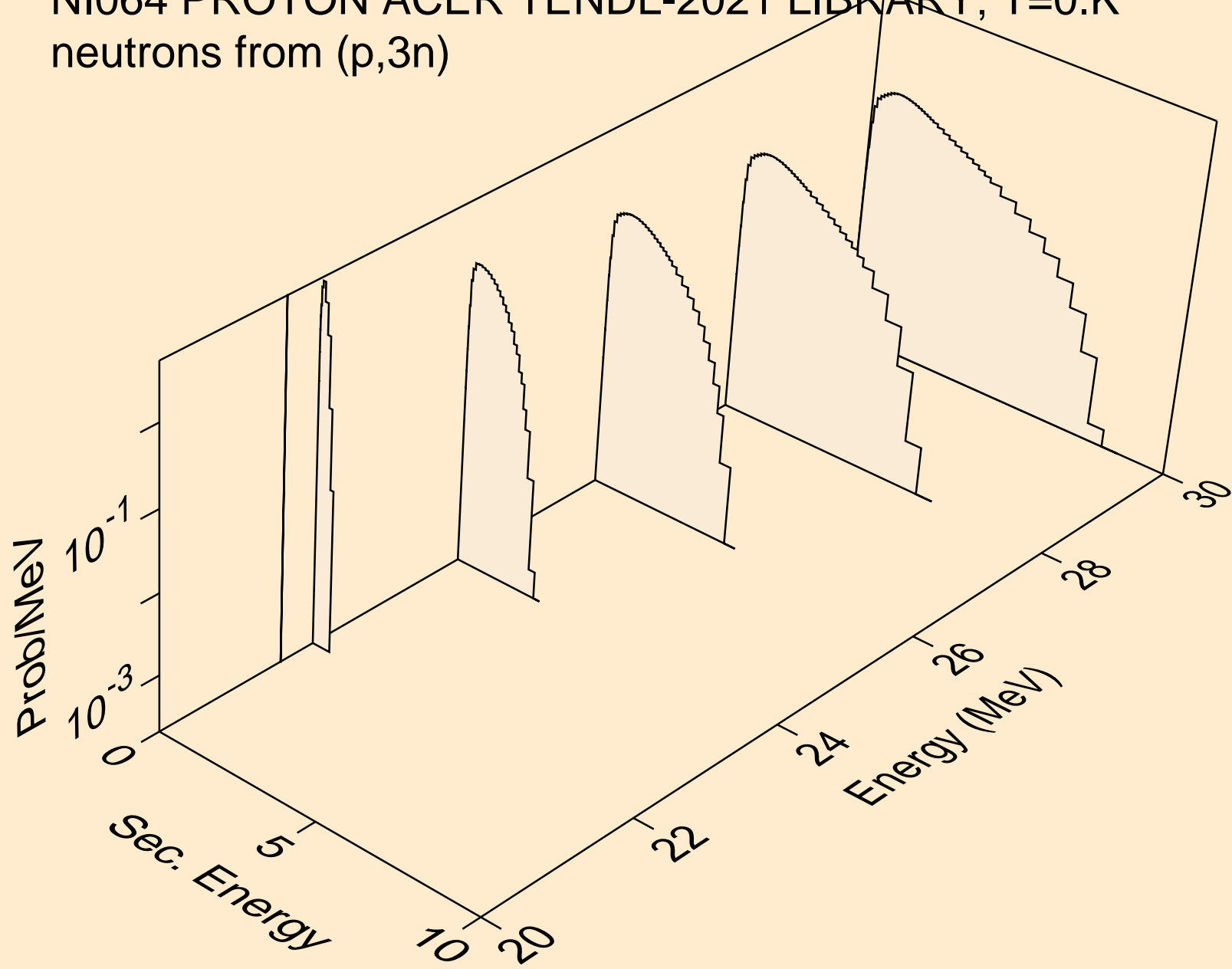
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)



NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

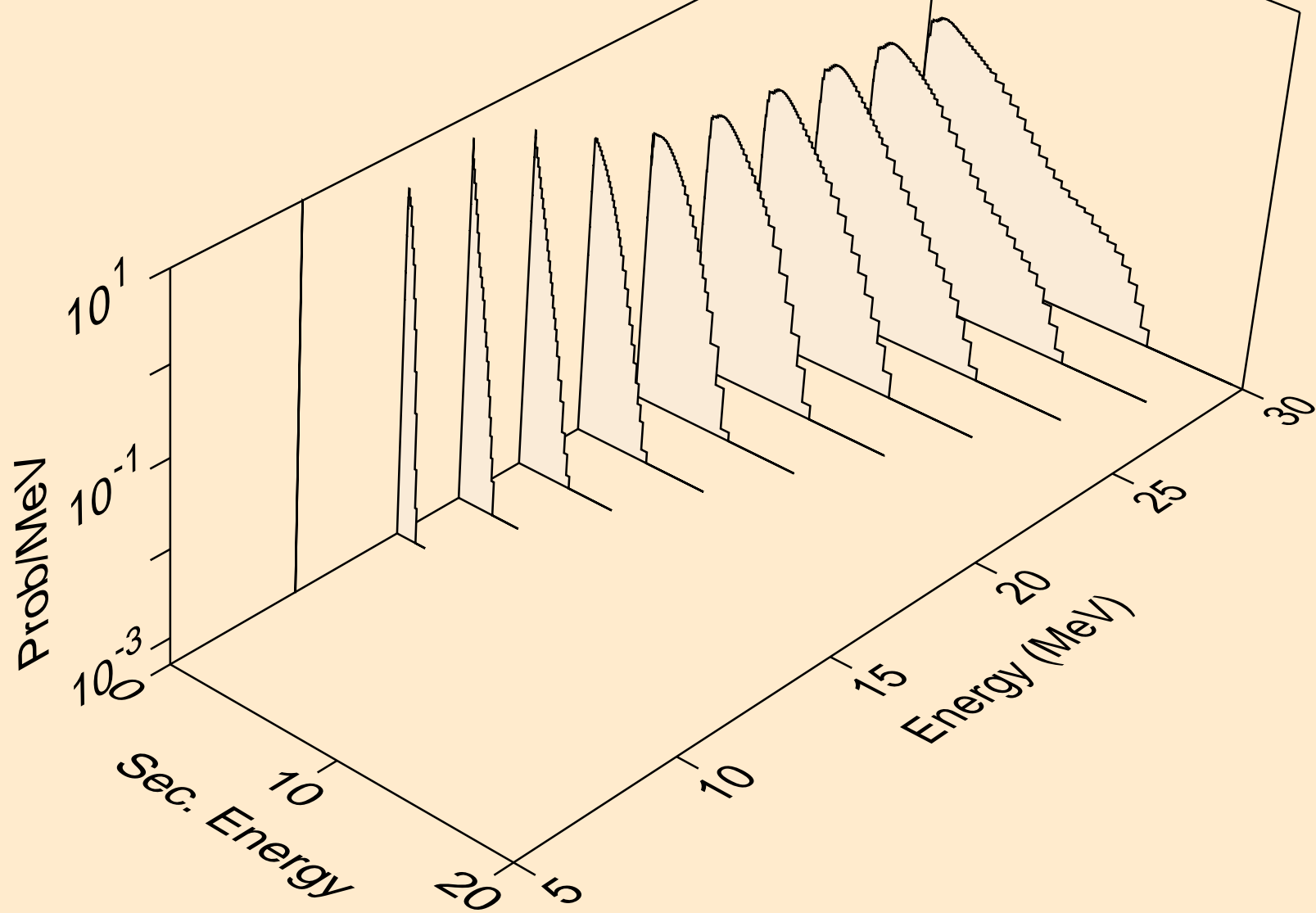


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neutrons from (p,3n)

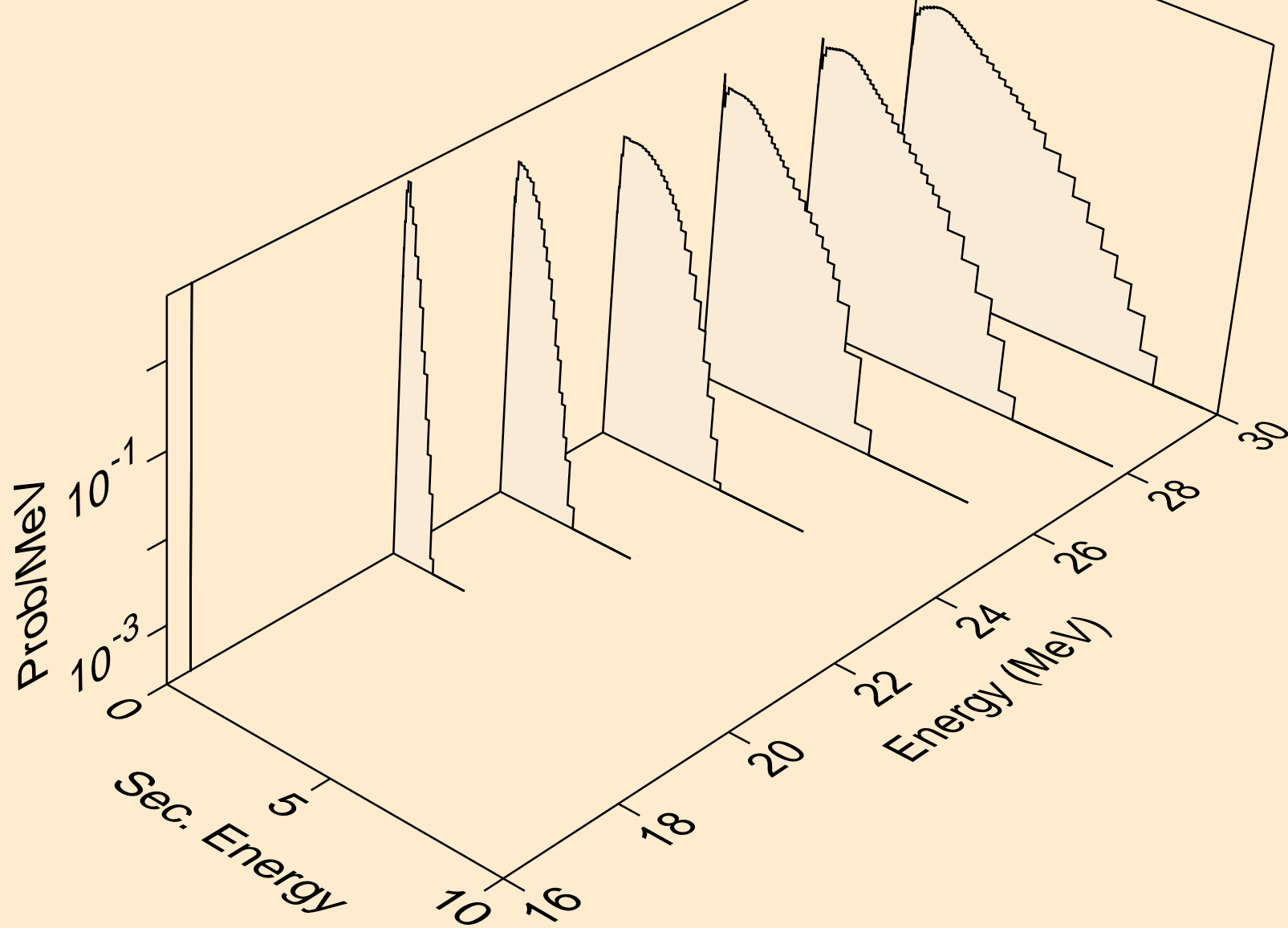




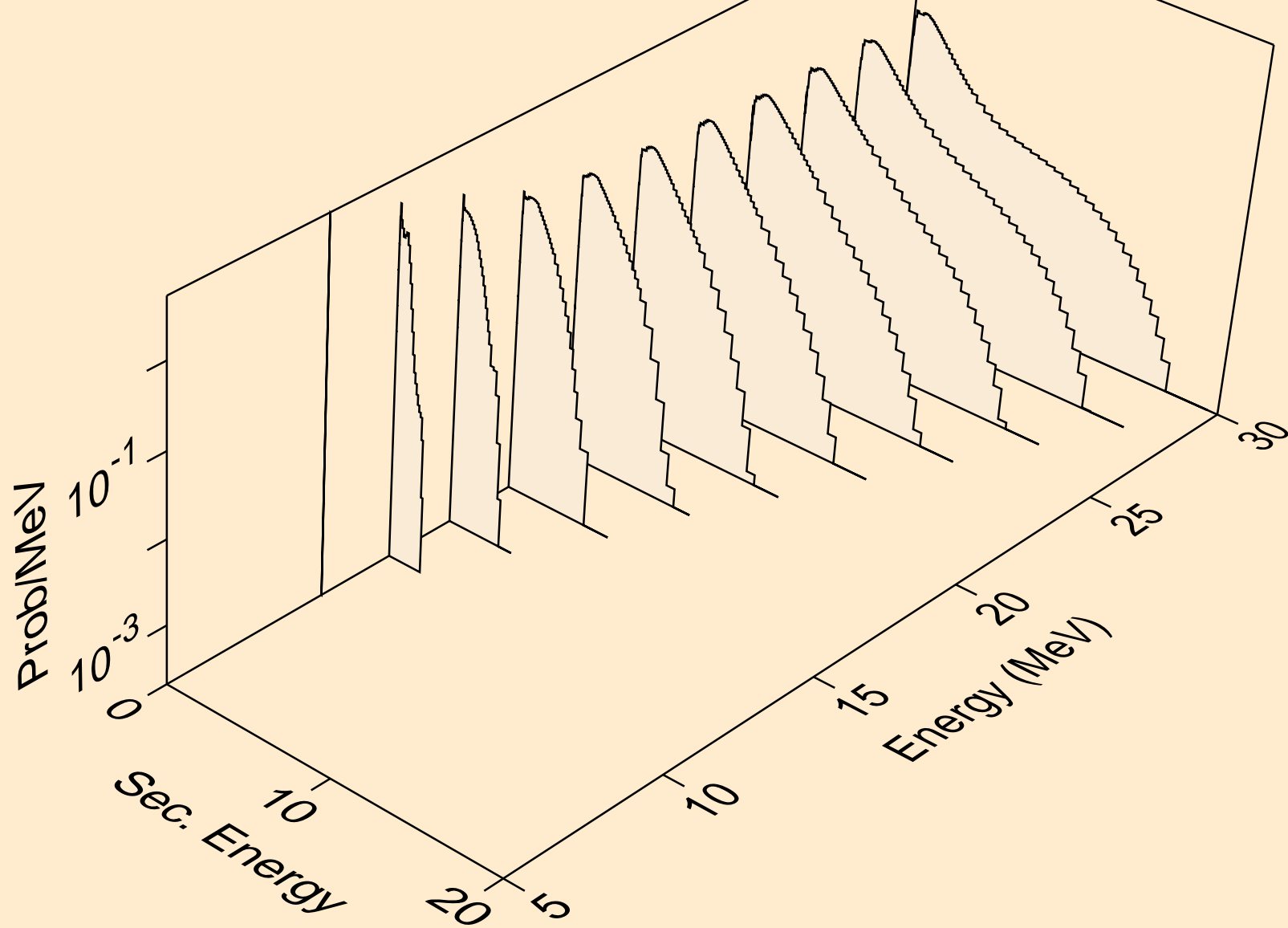
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



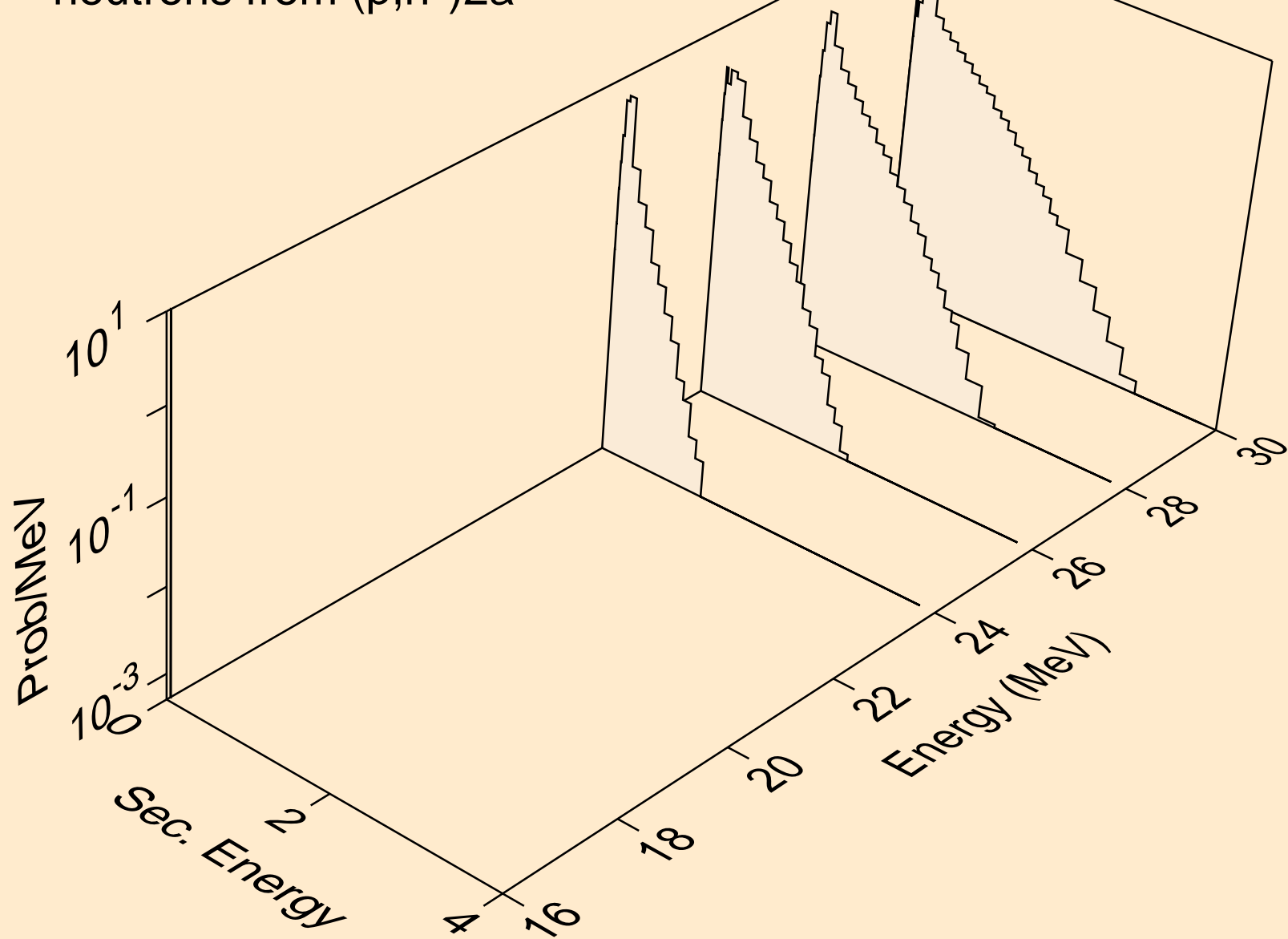
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



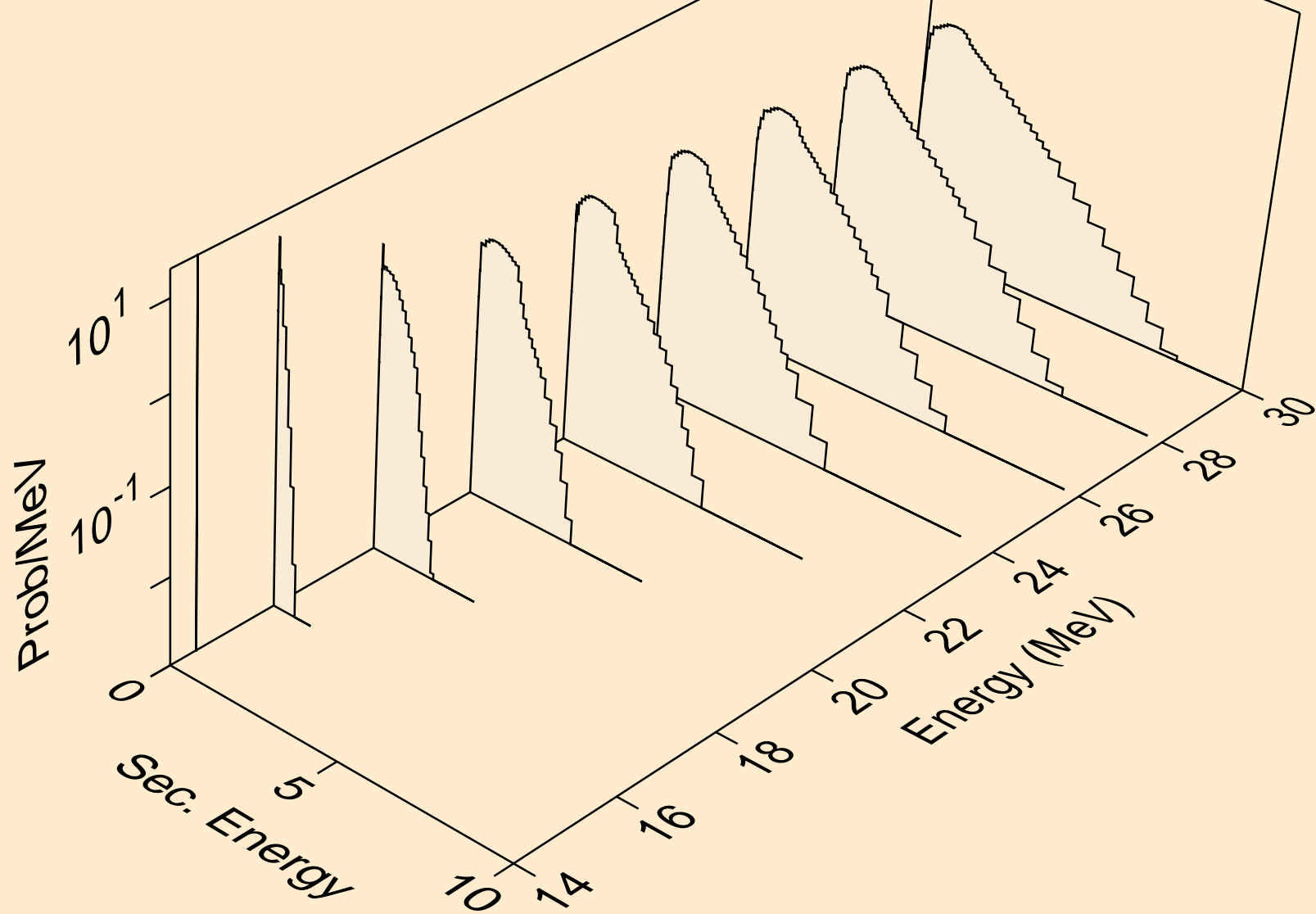
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



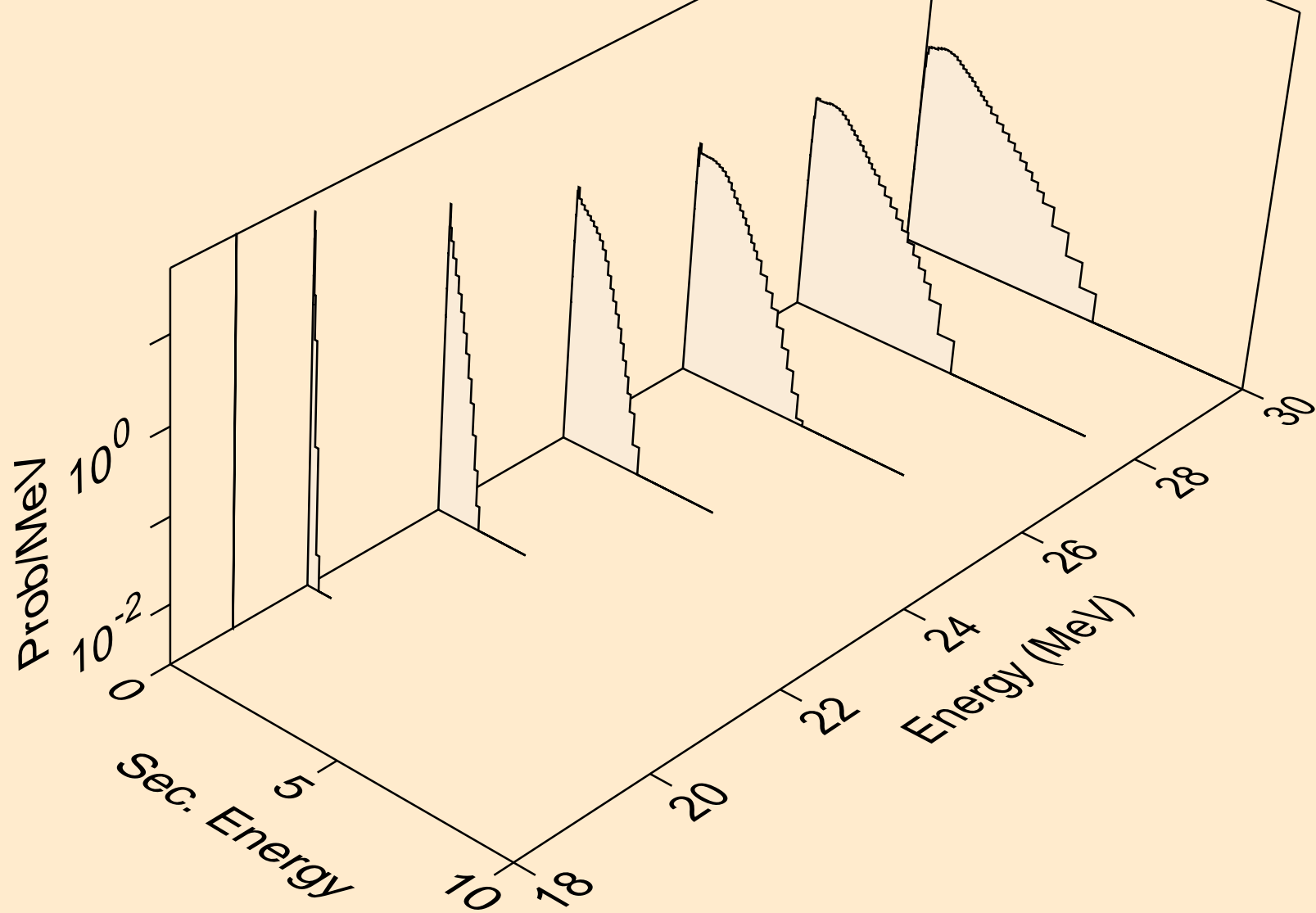
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



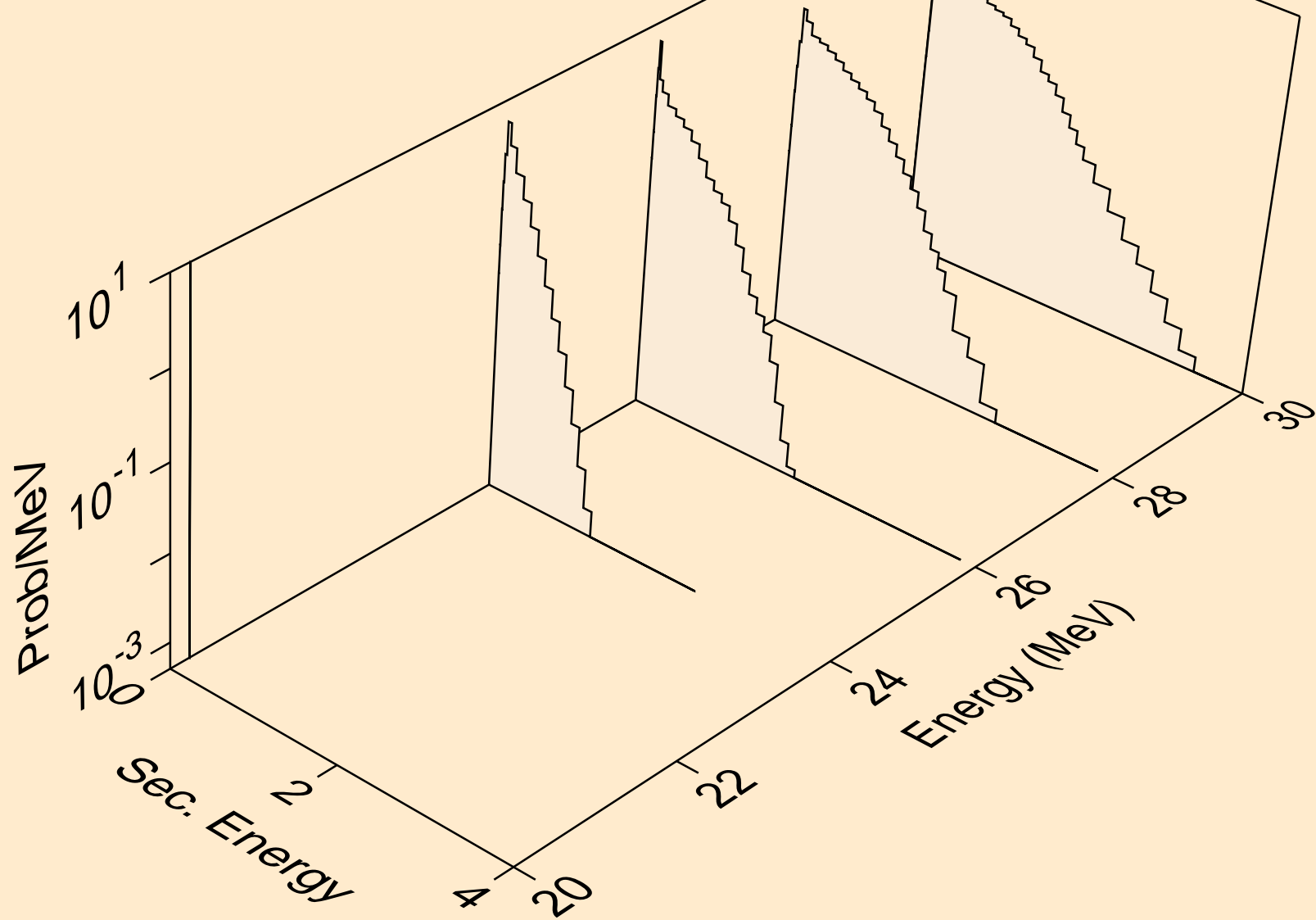
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neutrons from (p,n\*)d



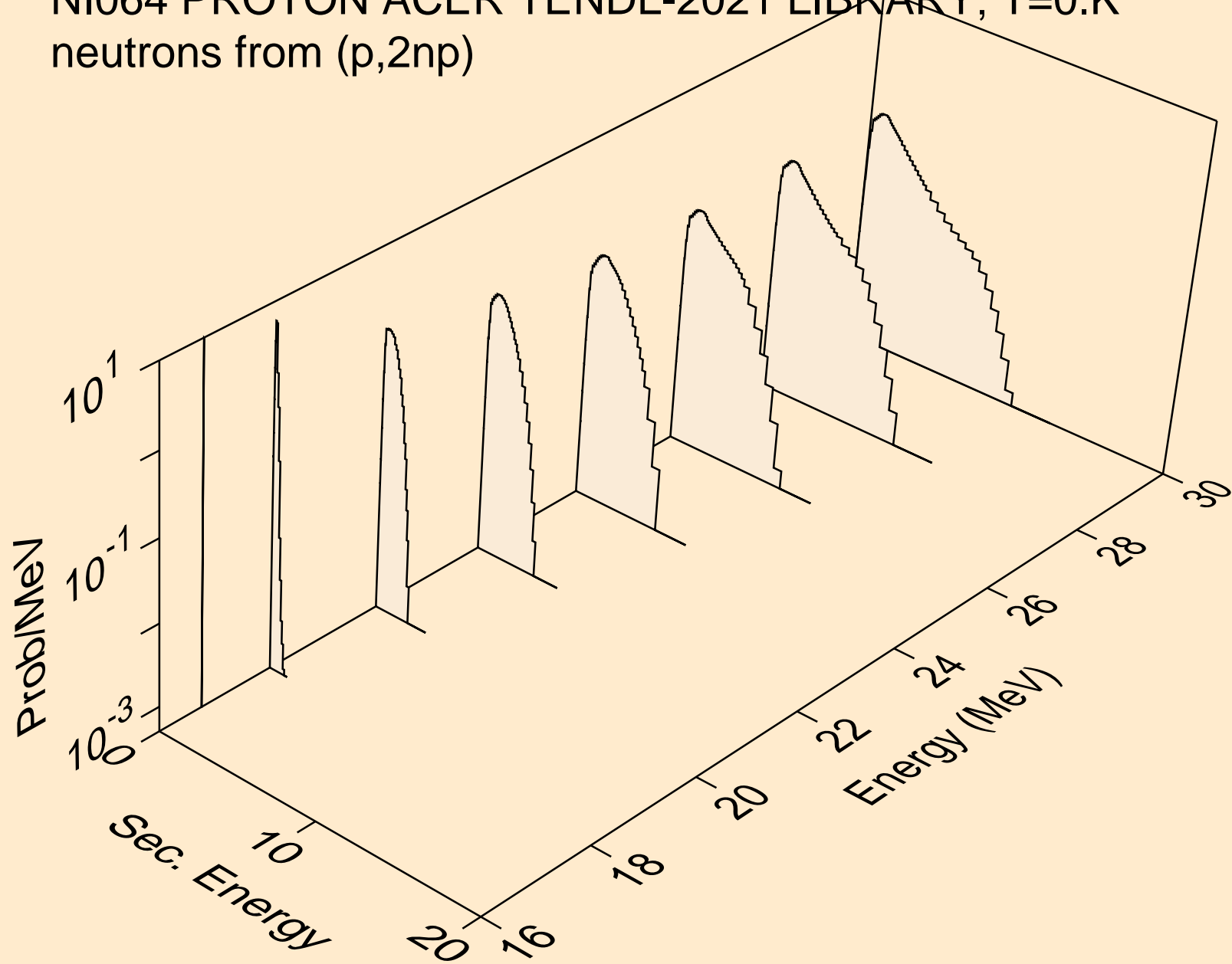
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

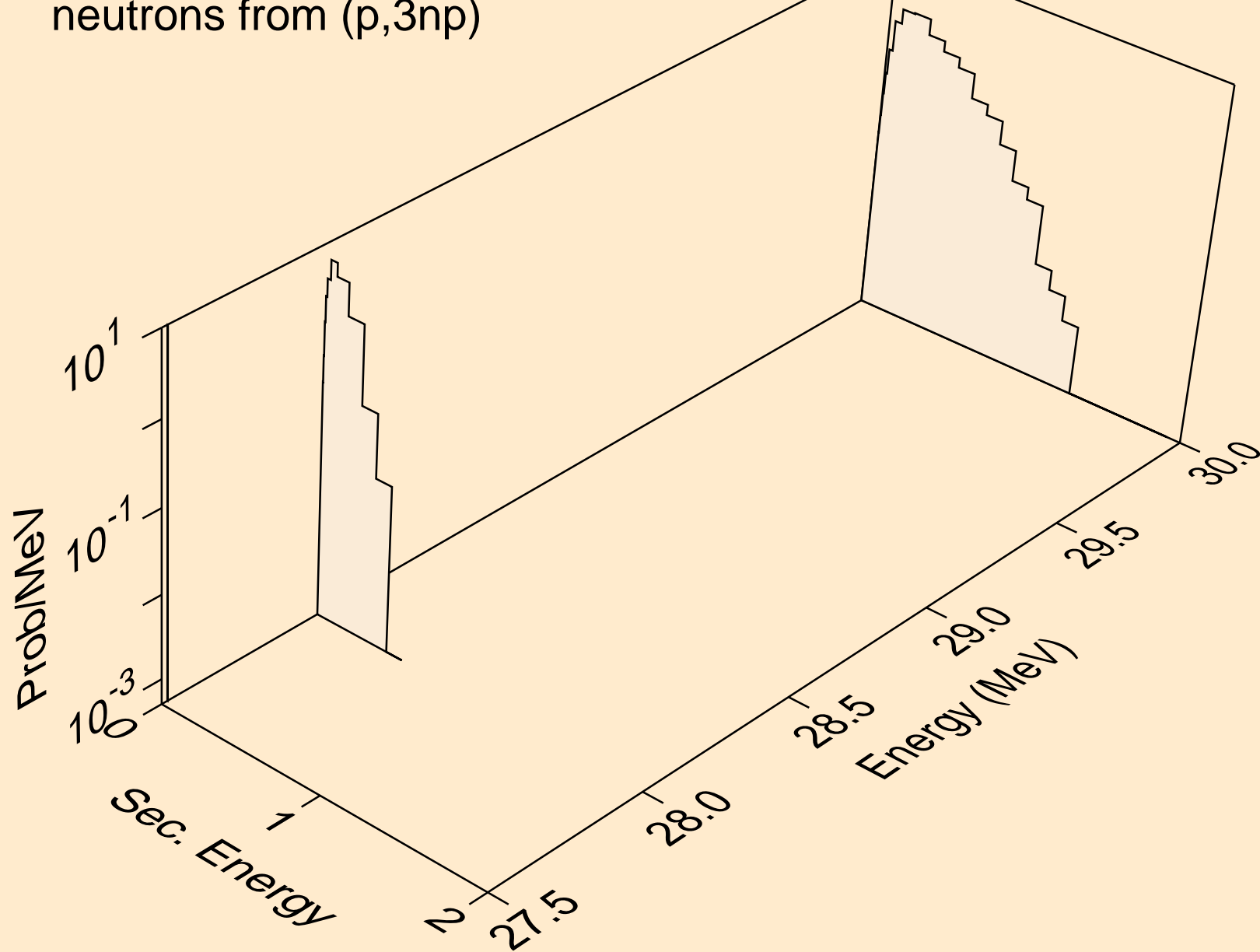


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neutrons from (p,2np)

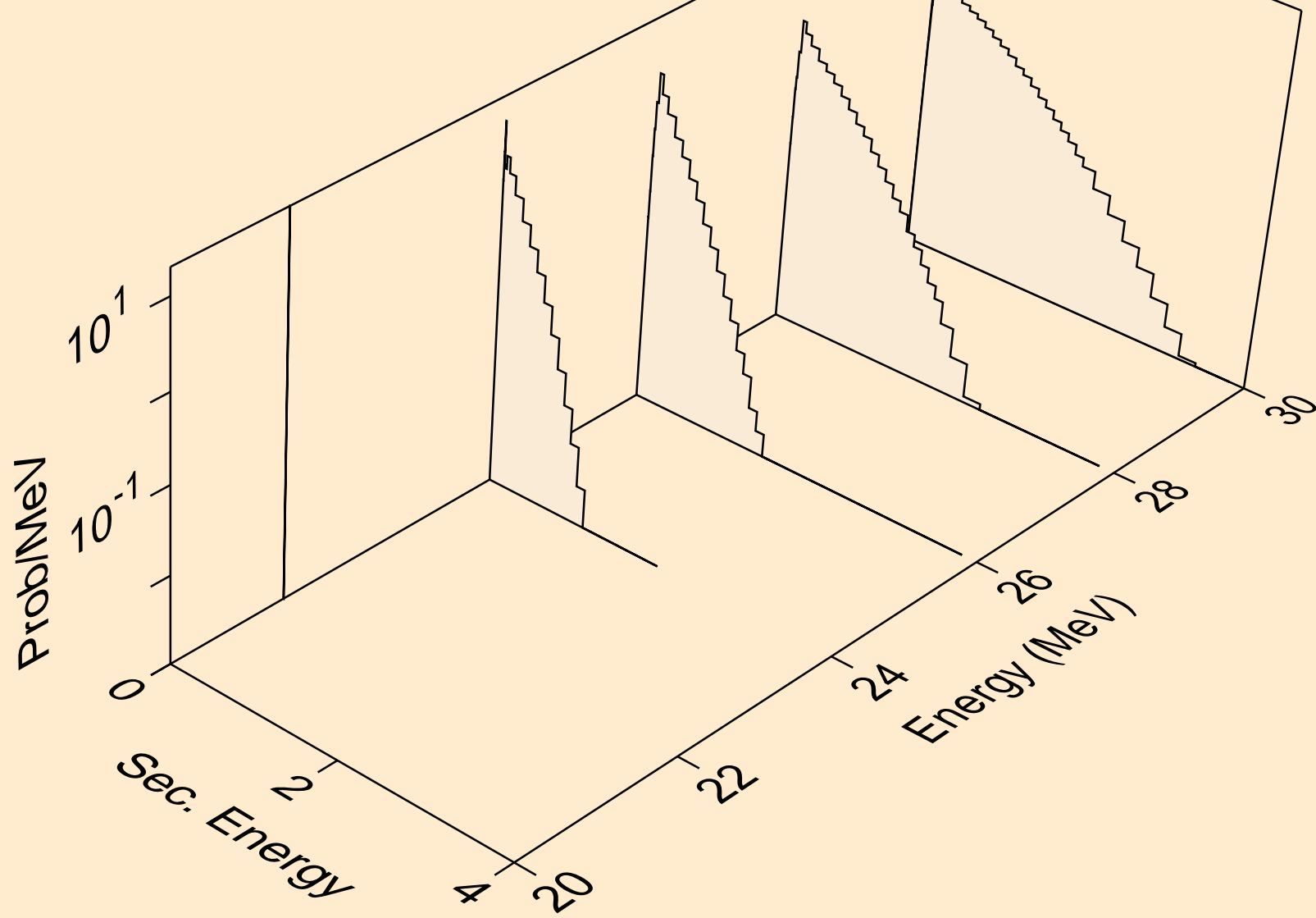




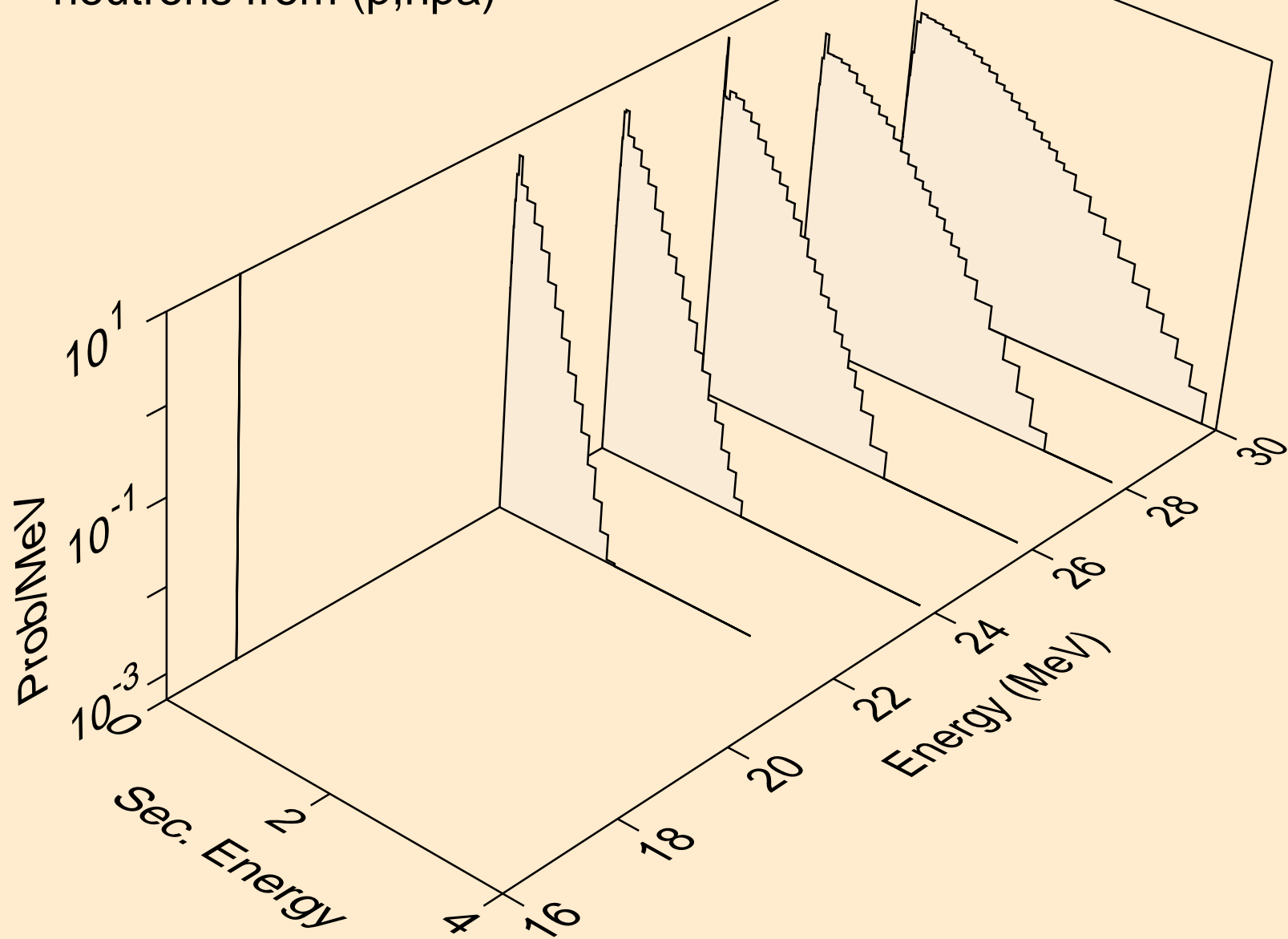
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neutrons from (p,3np)



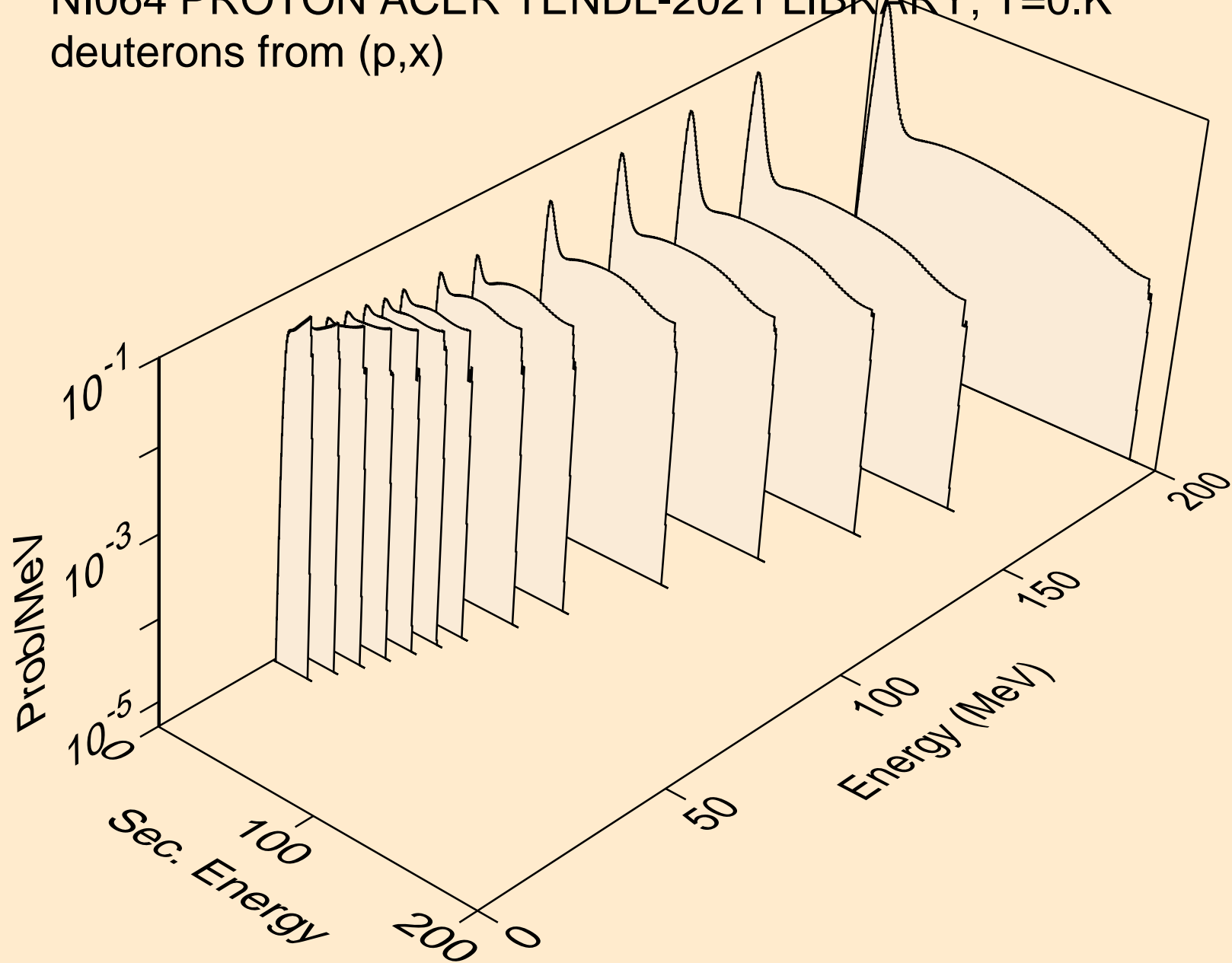
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



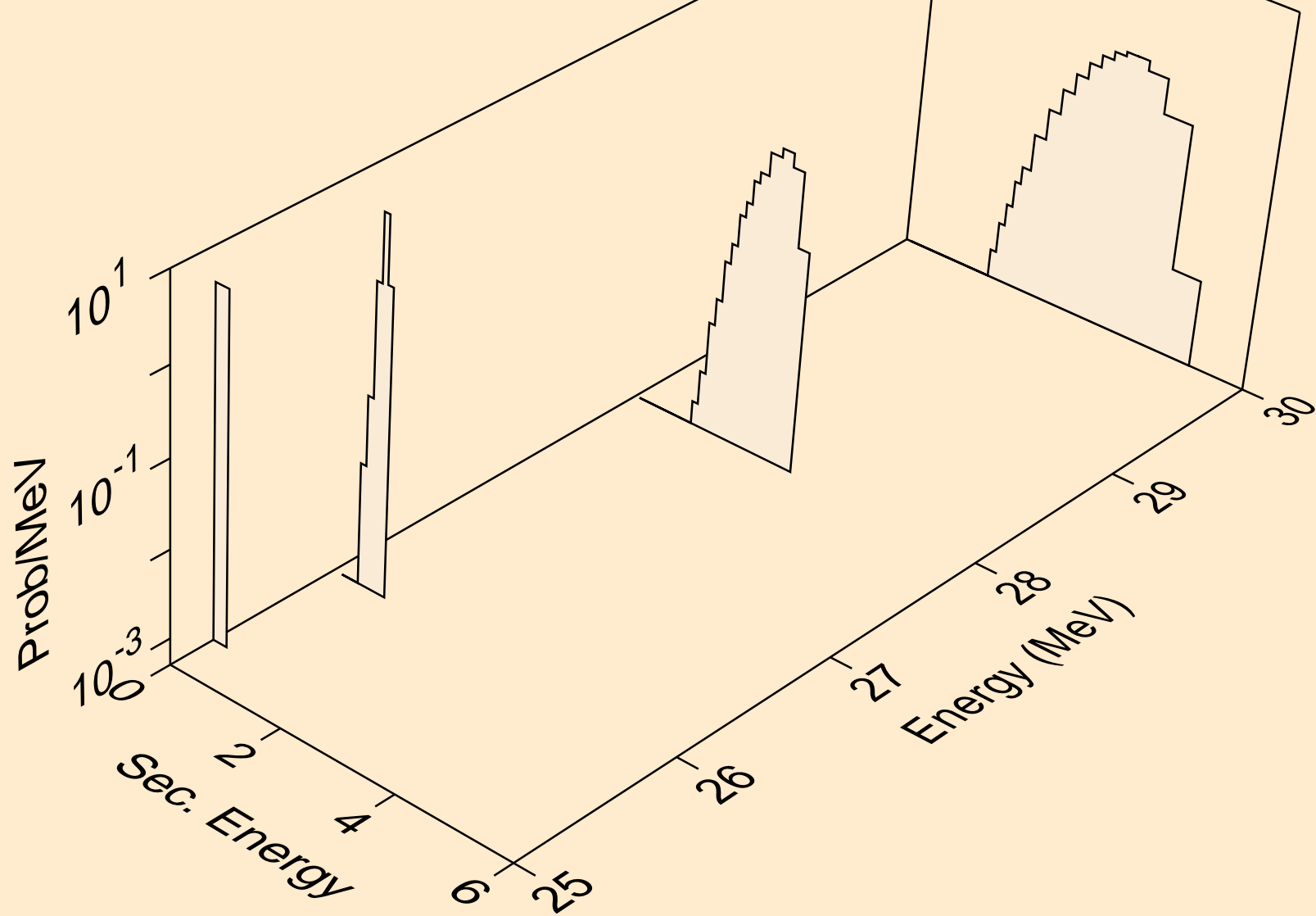
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)



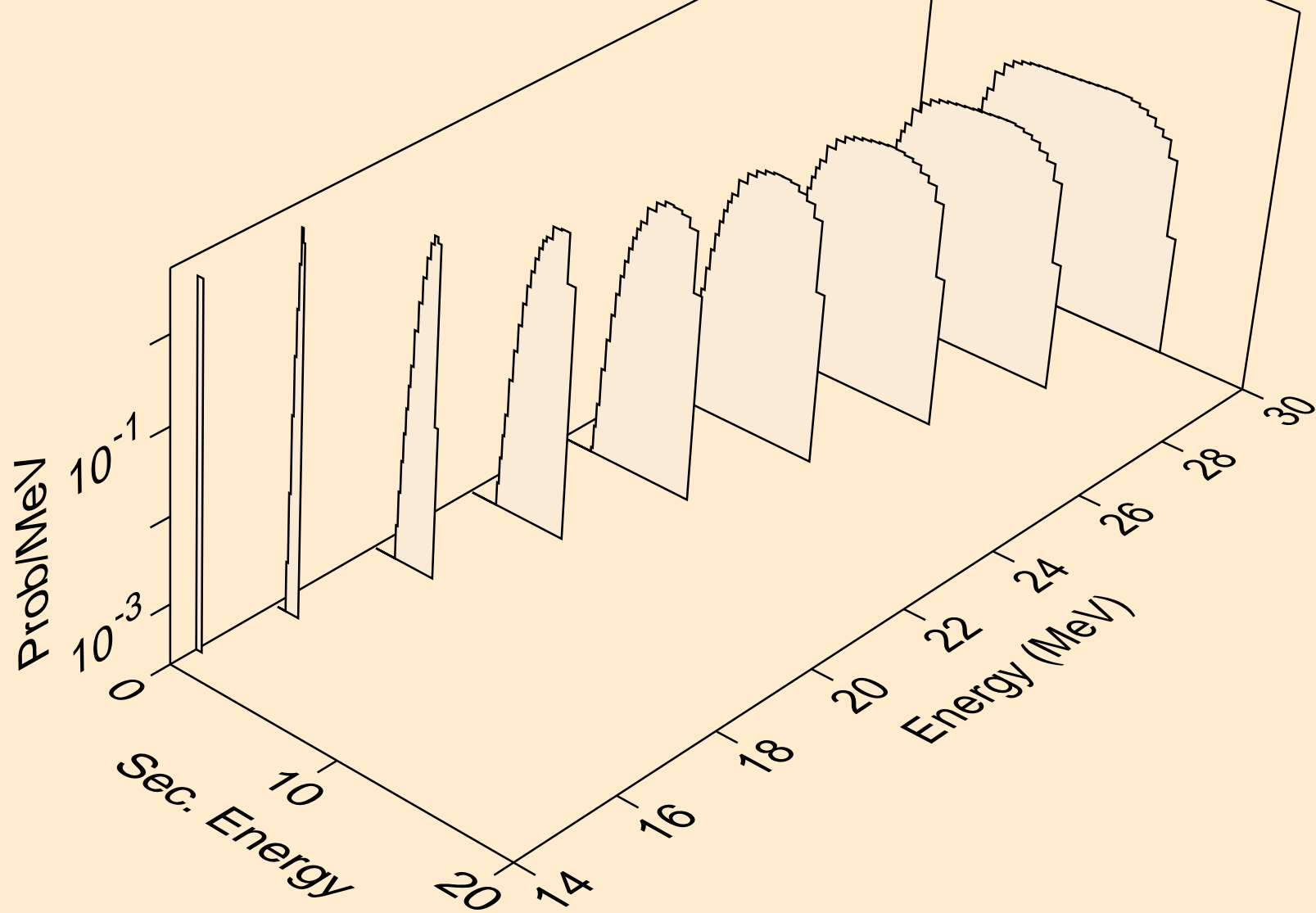
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



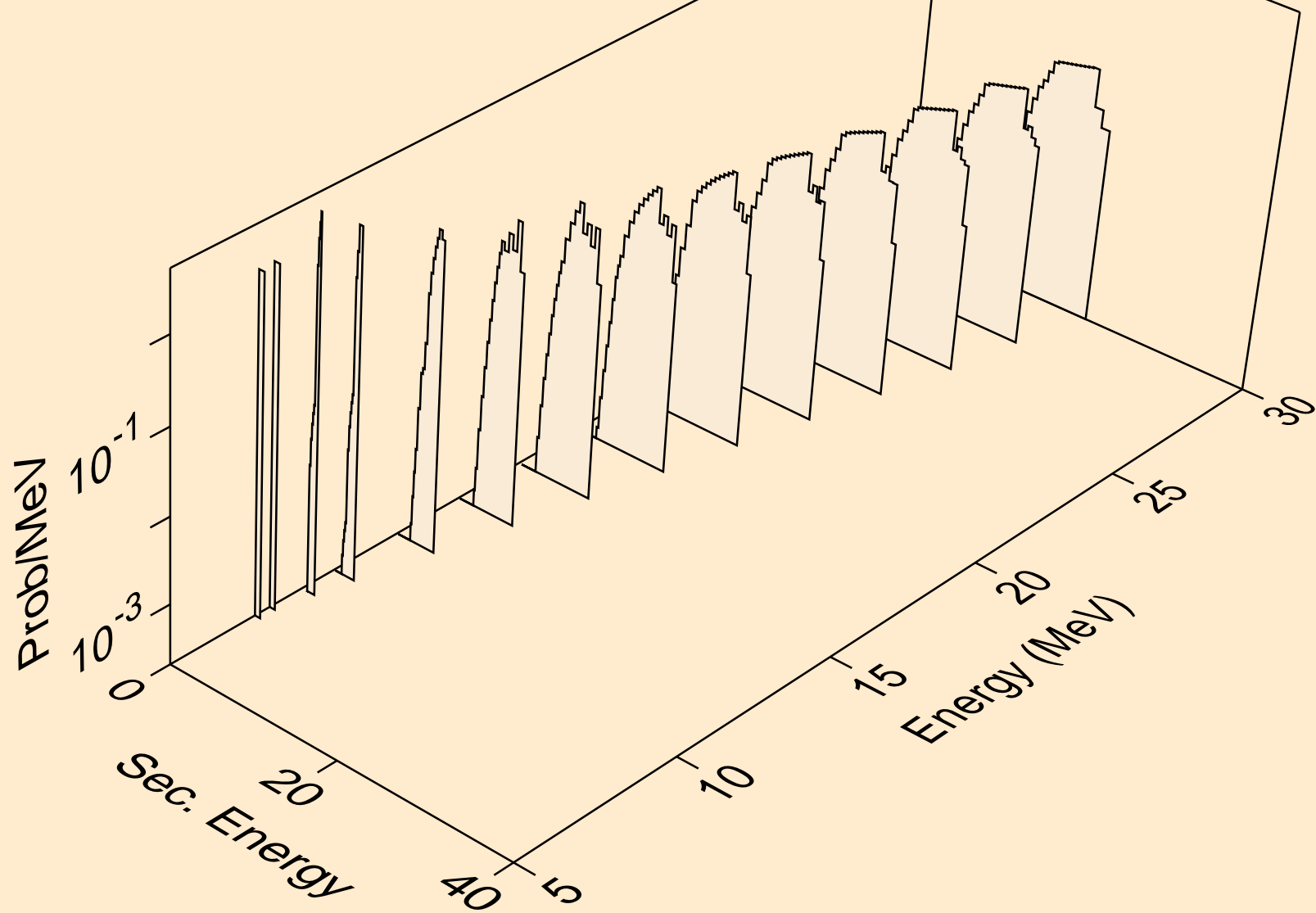
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deuterons from (p,2nd)



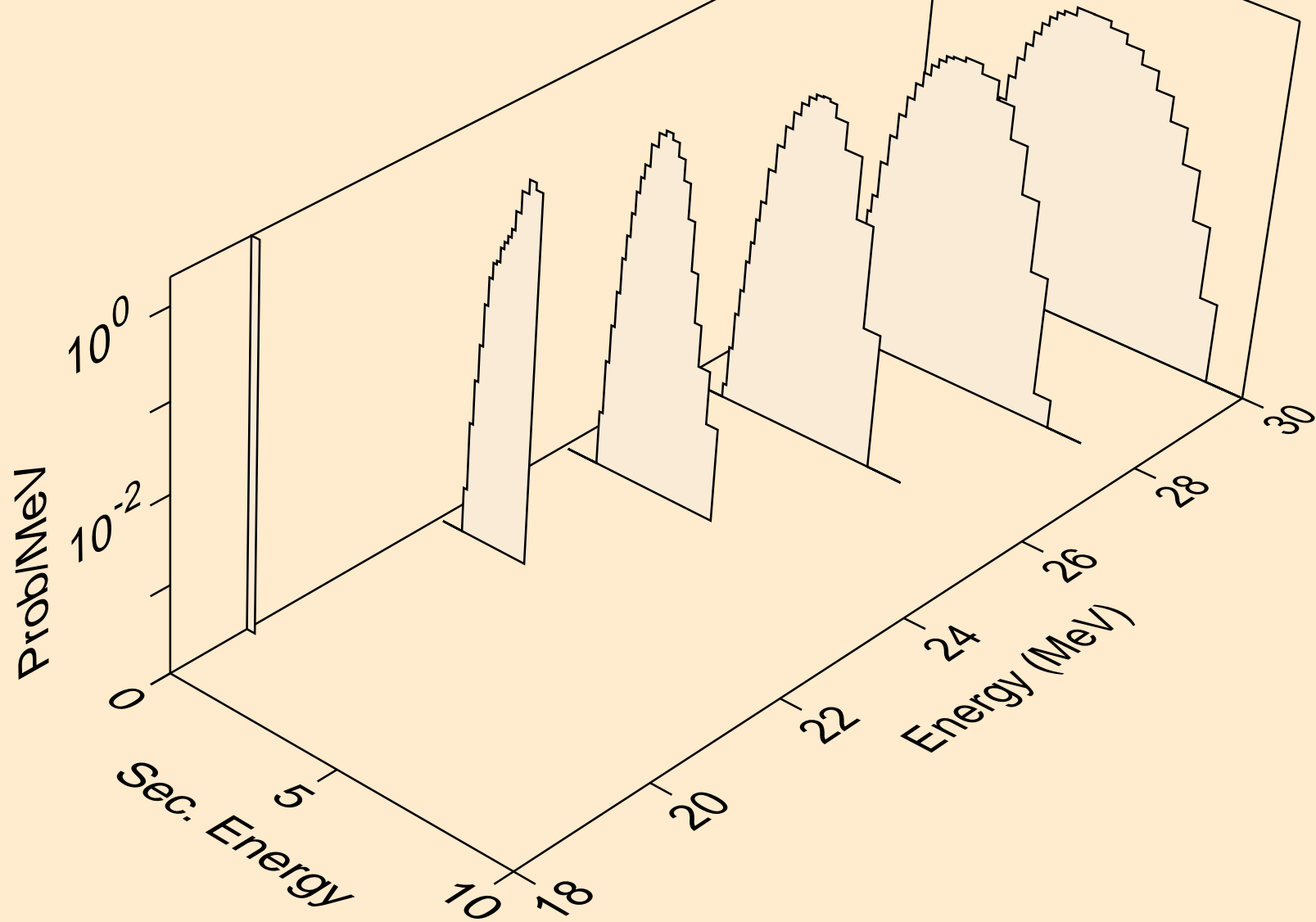
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)

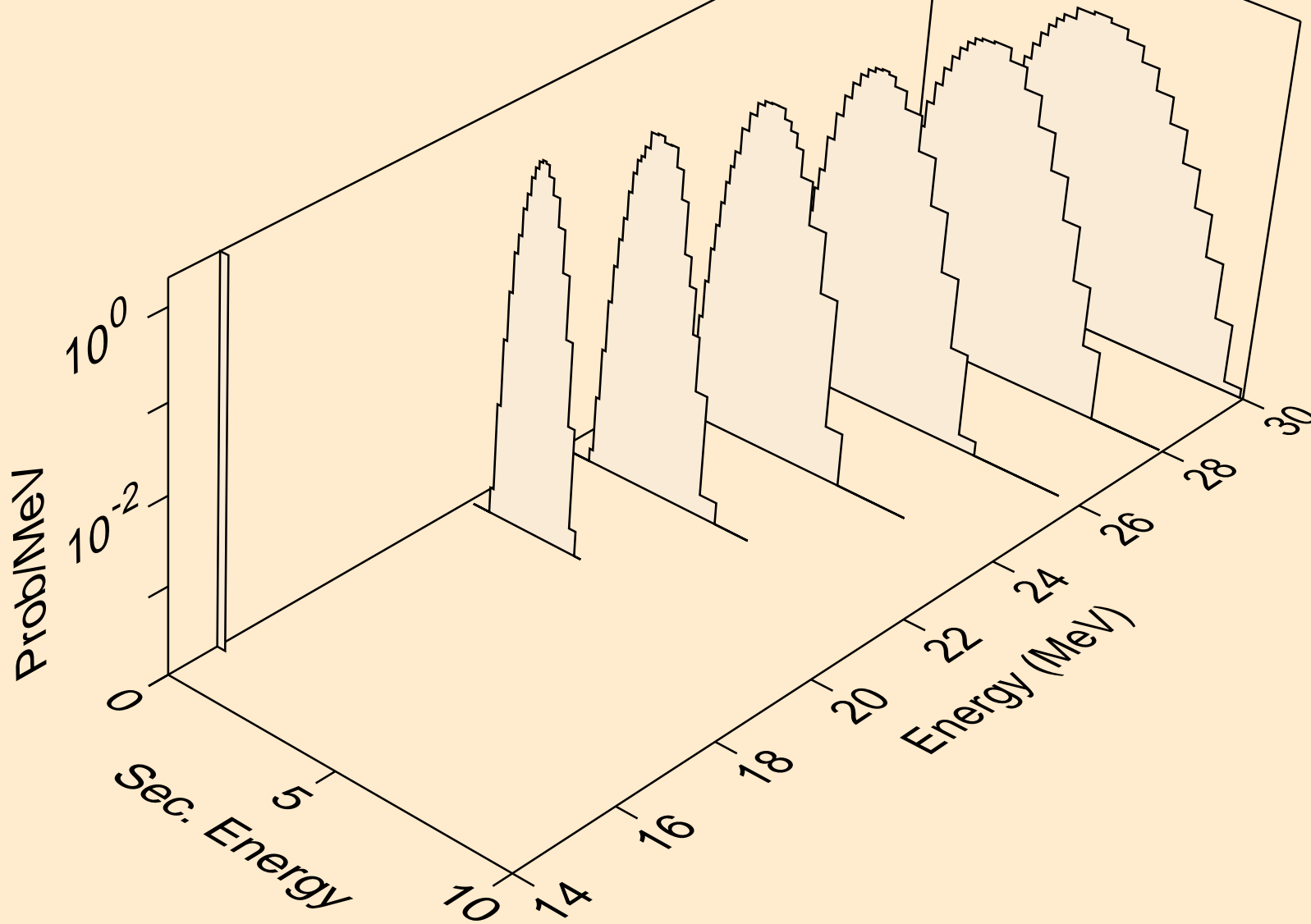


NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)

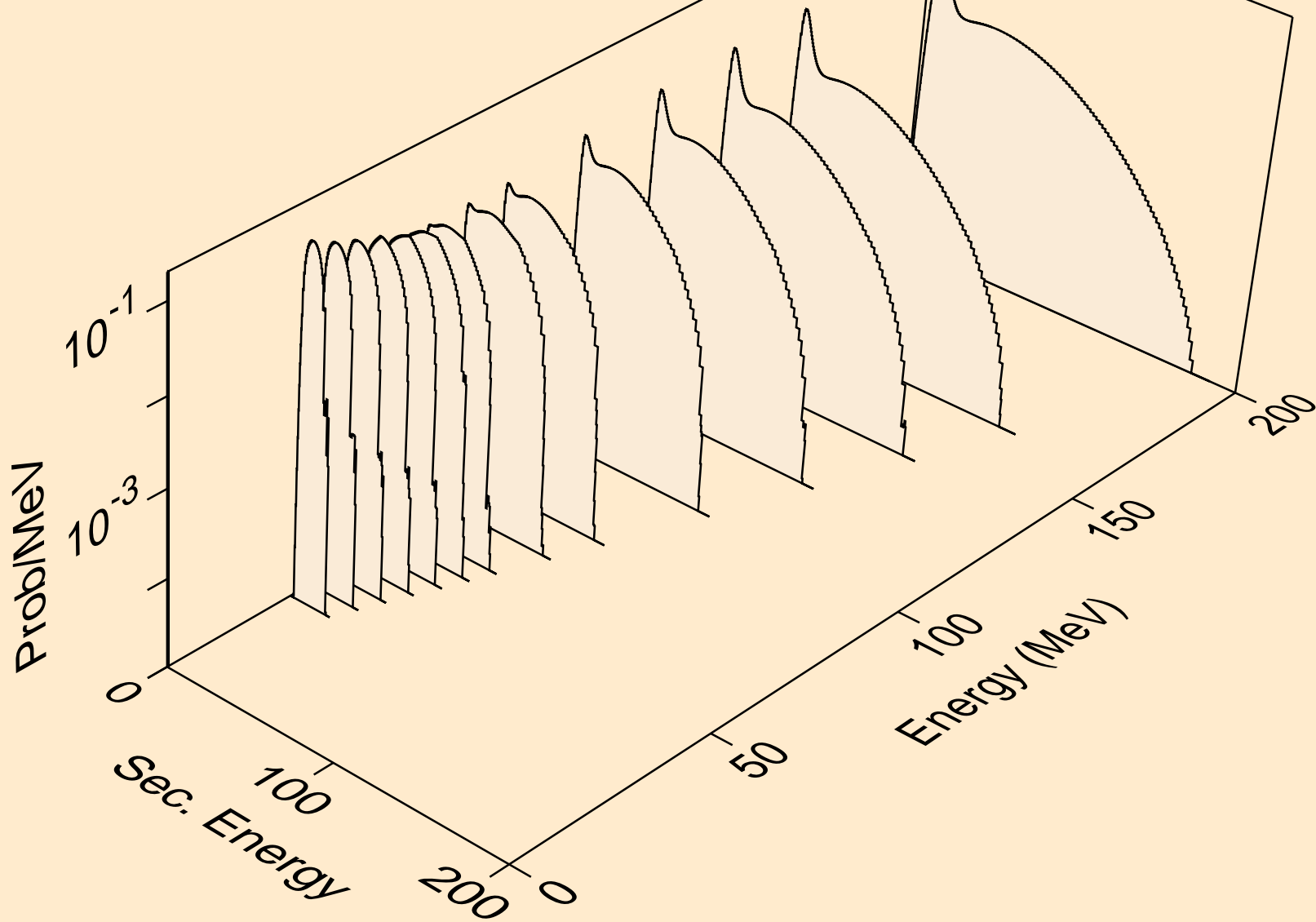




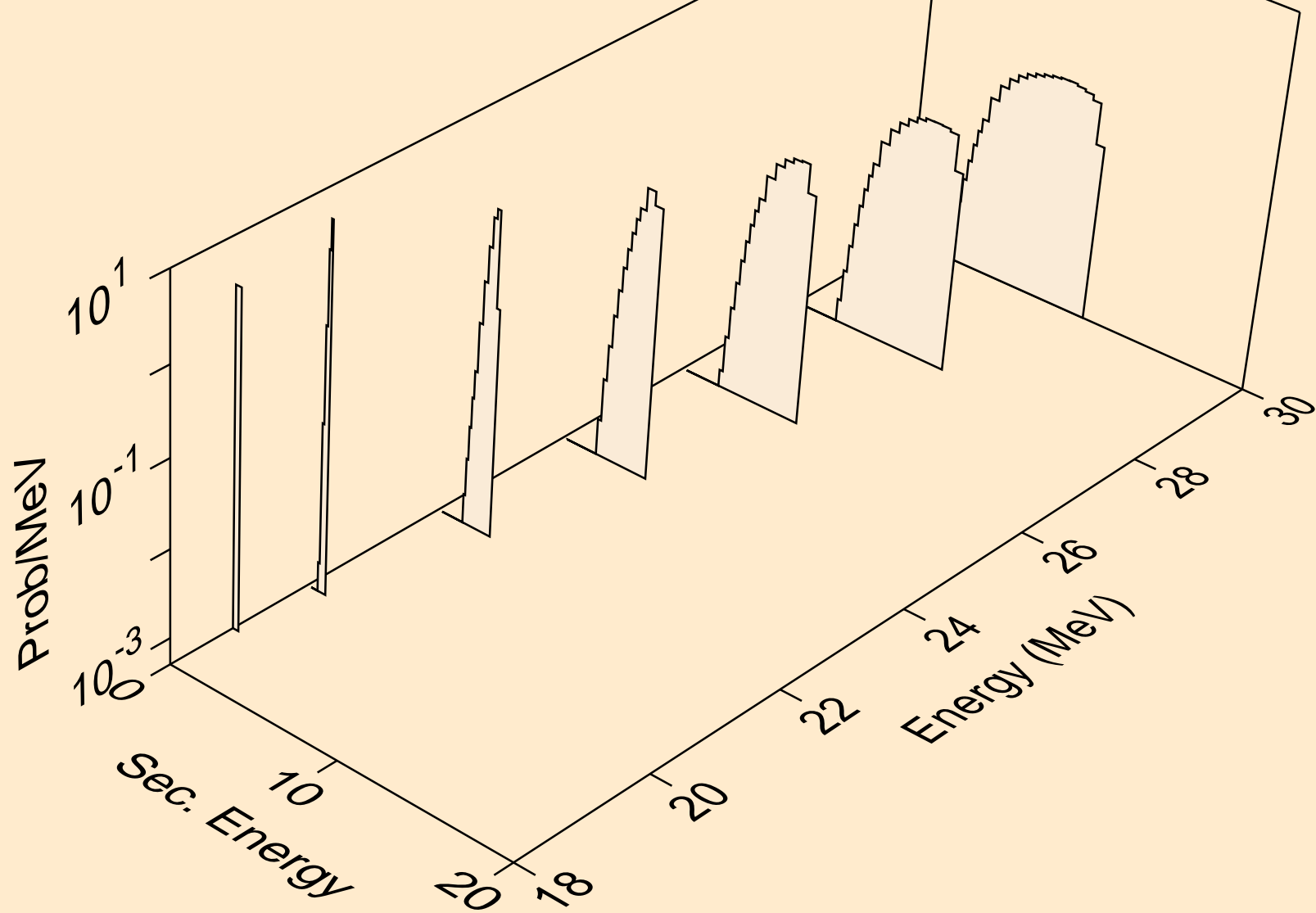
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deuterons from (p,da)



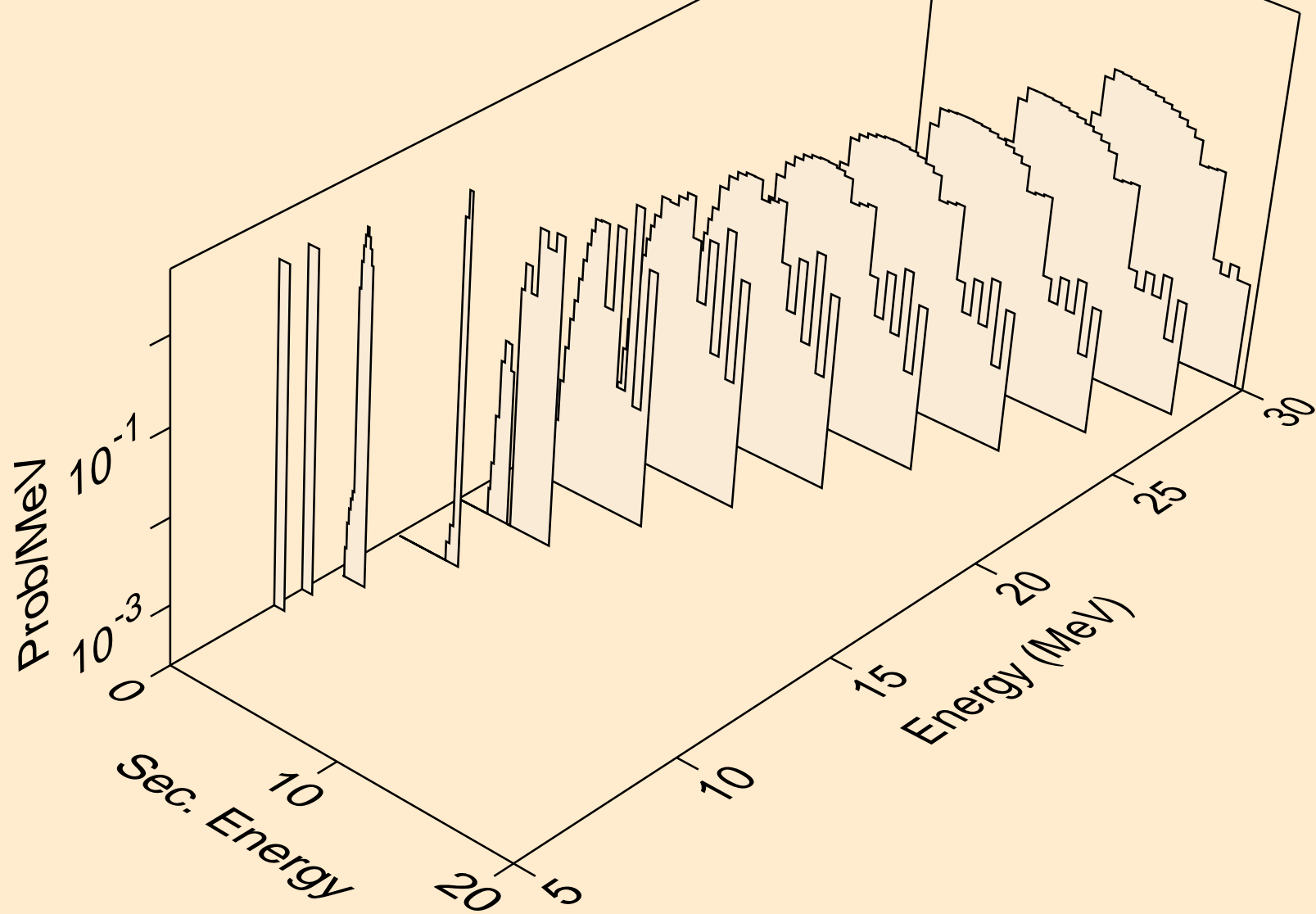
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tritons from (p,x)



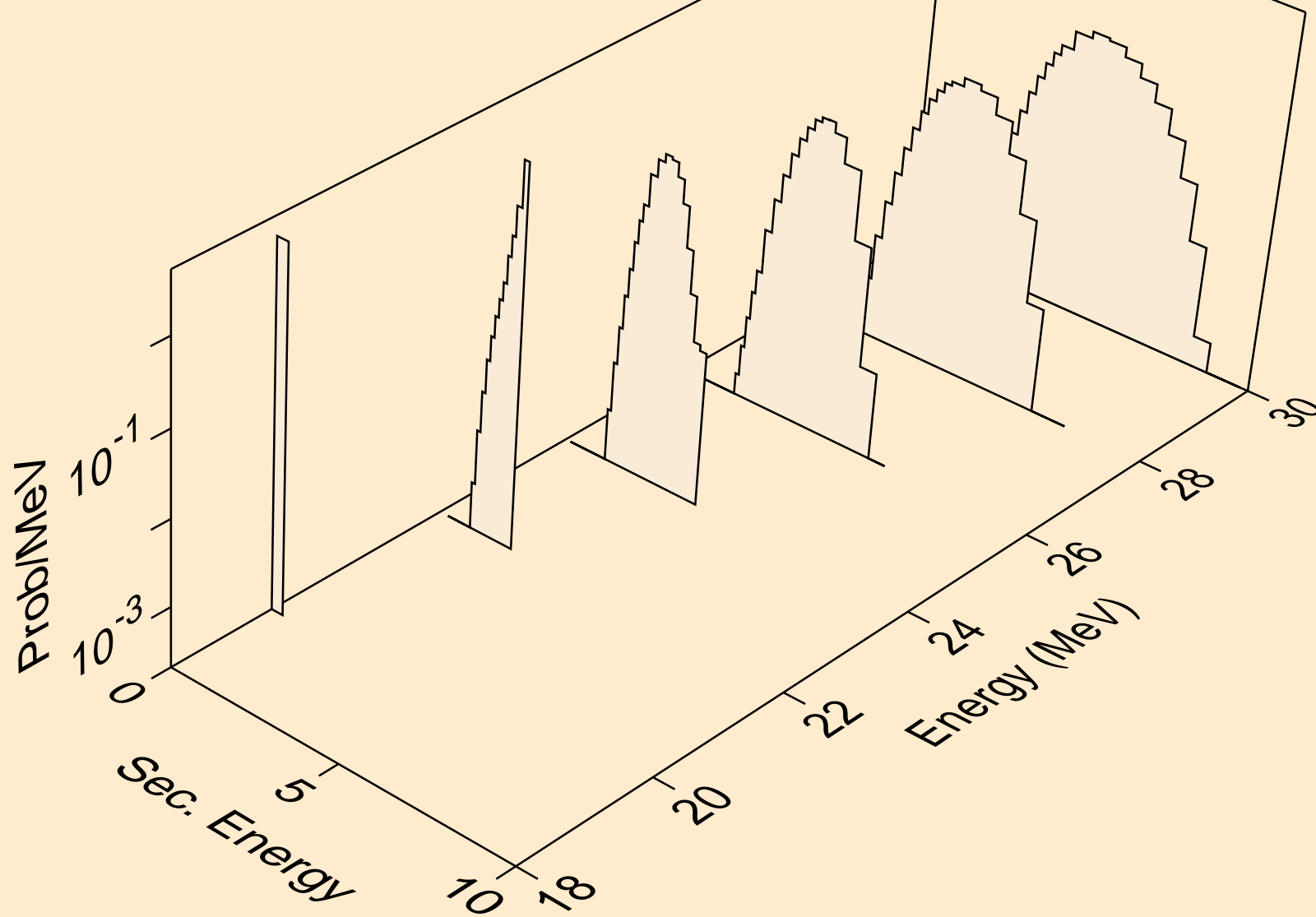
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



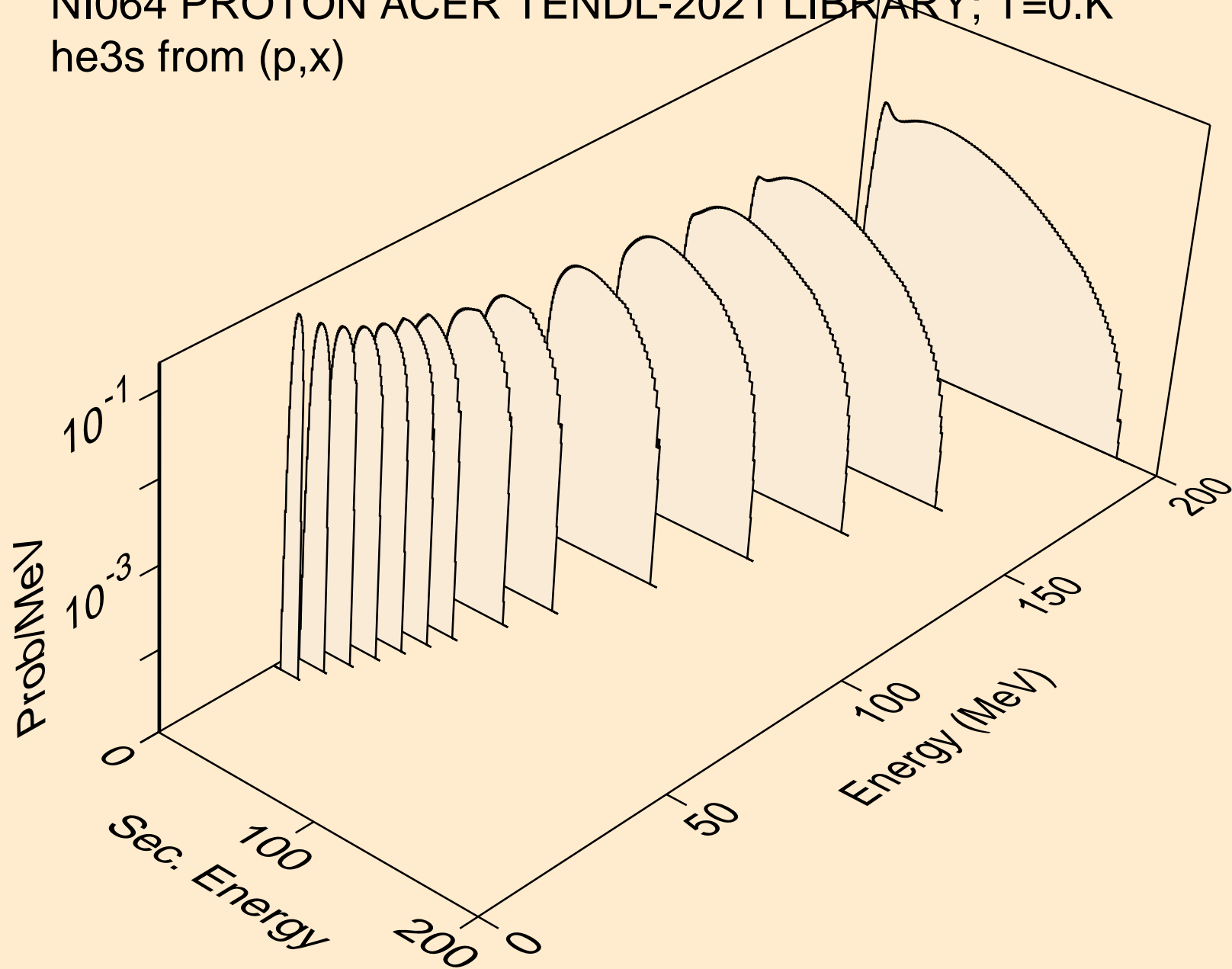
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tritons from (p,t)



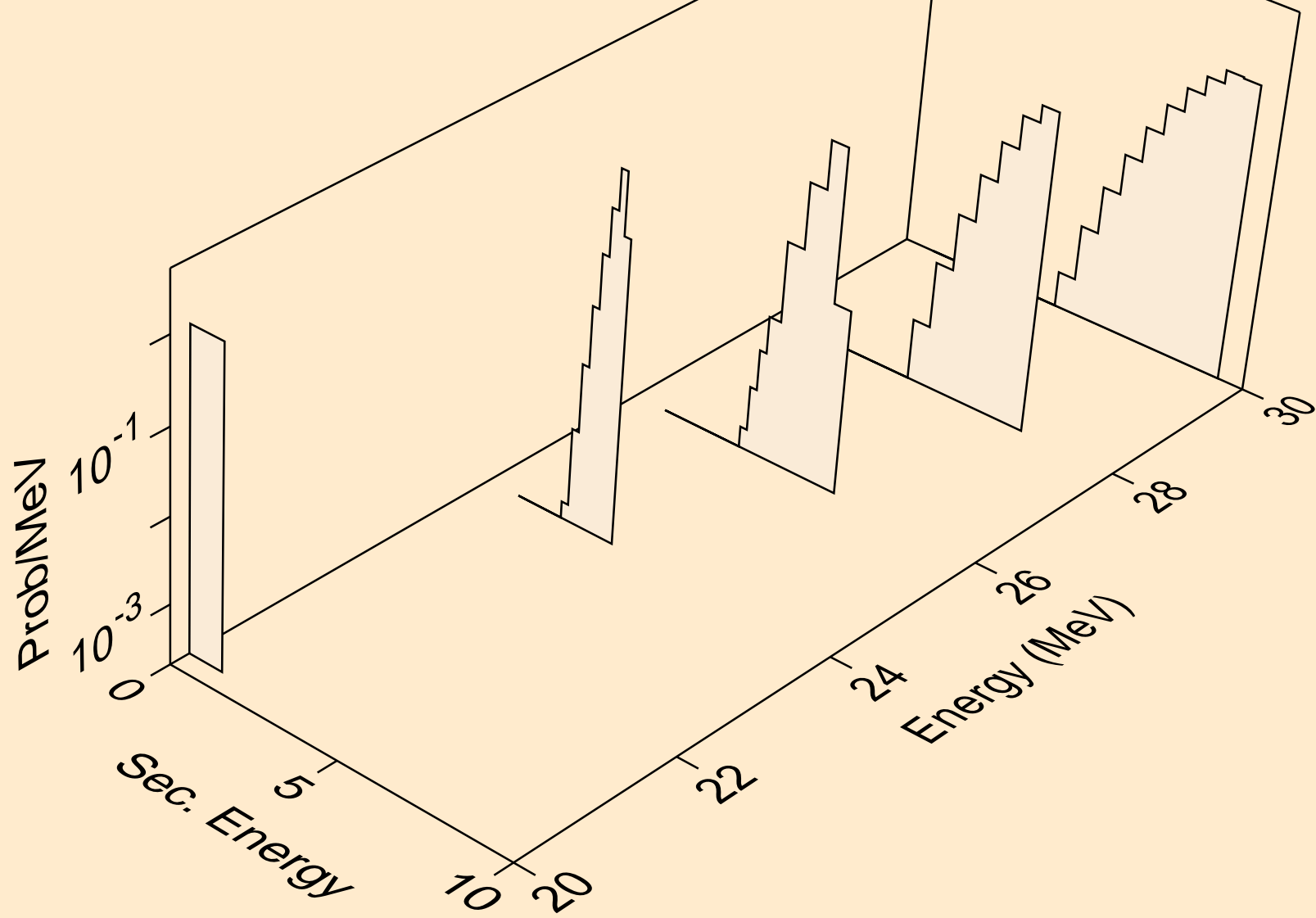
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tritons from (p,pt)



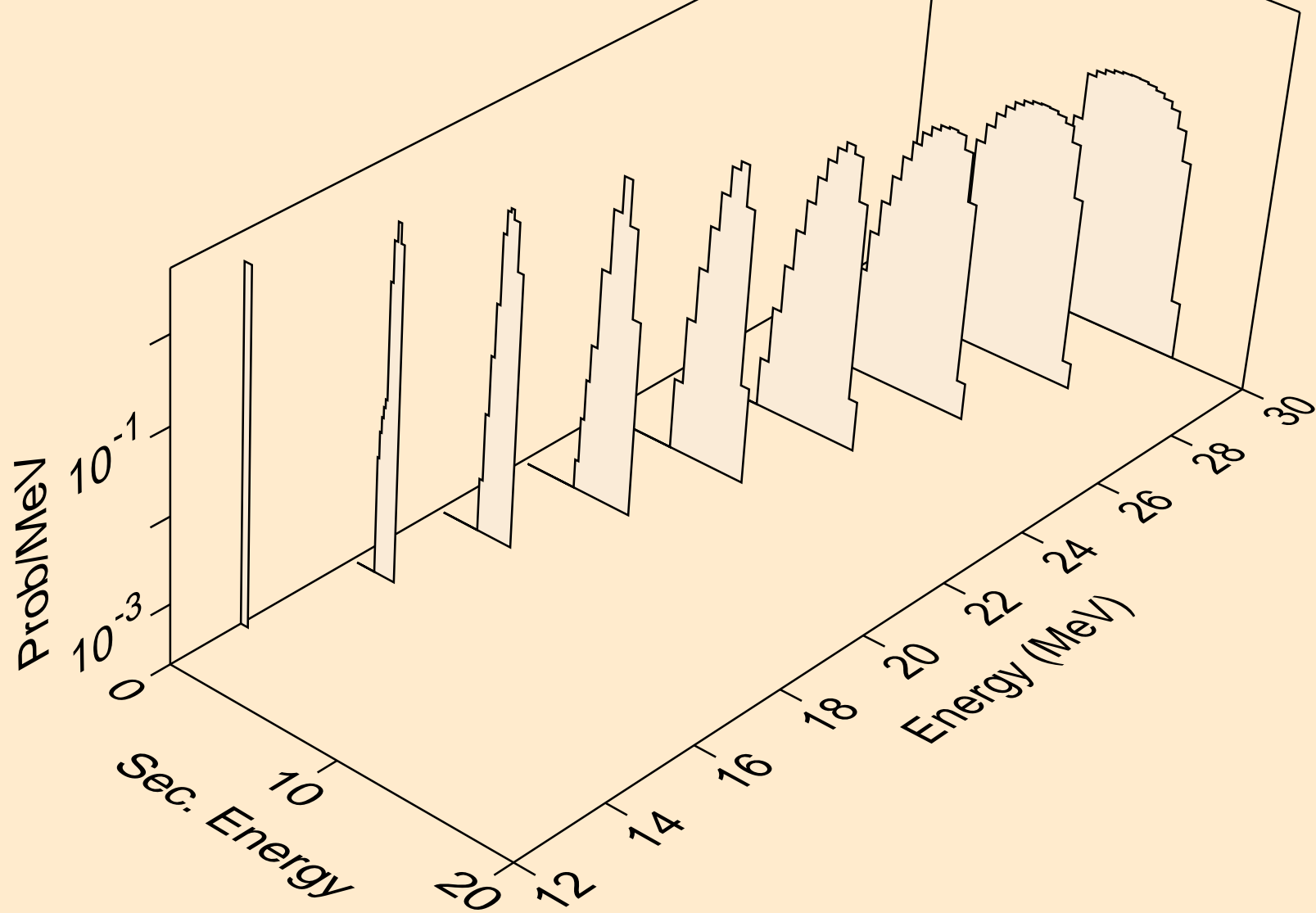
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3

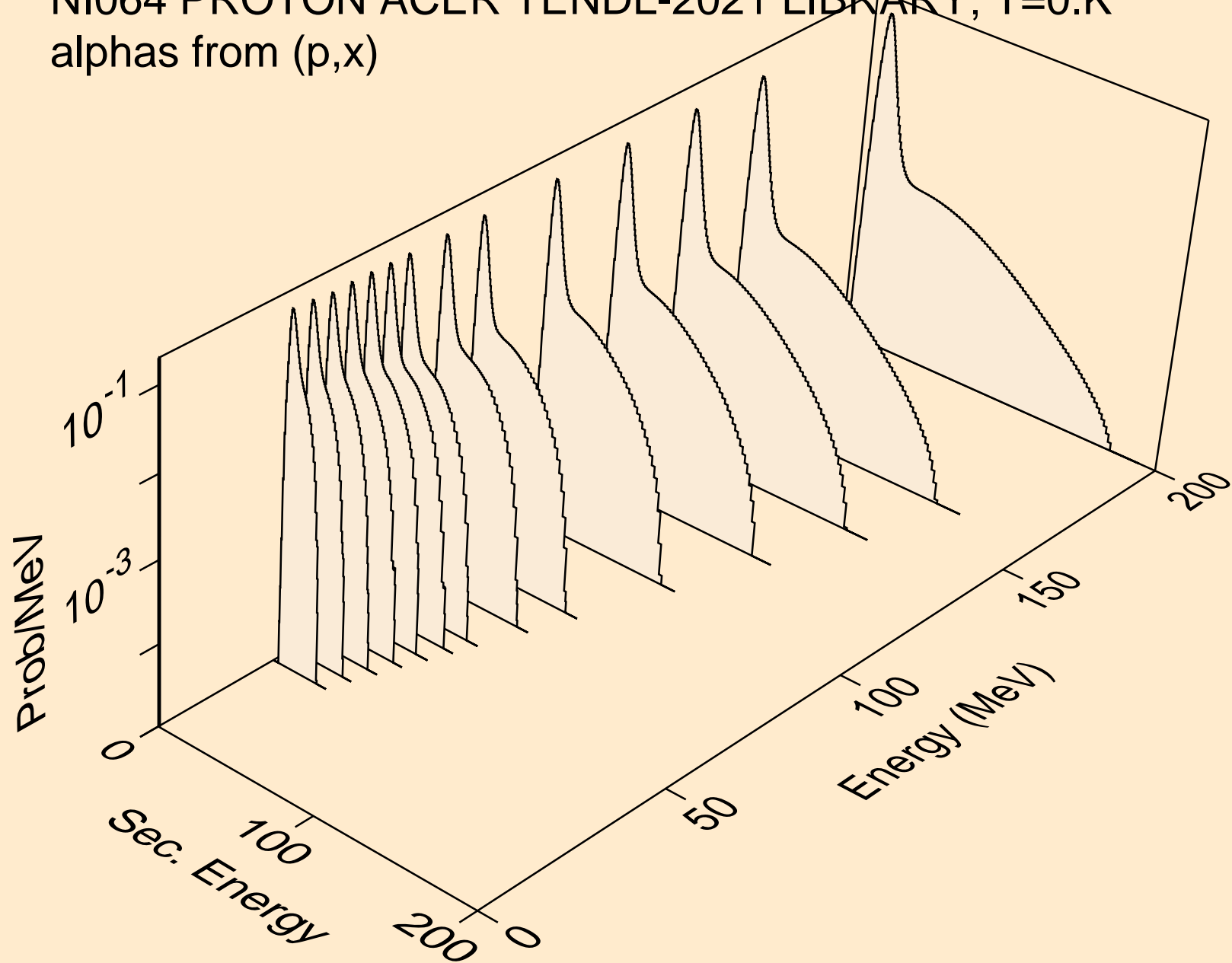


NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)

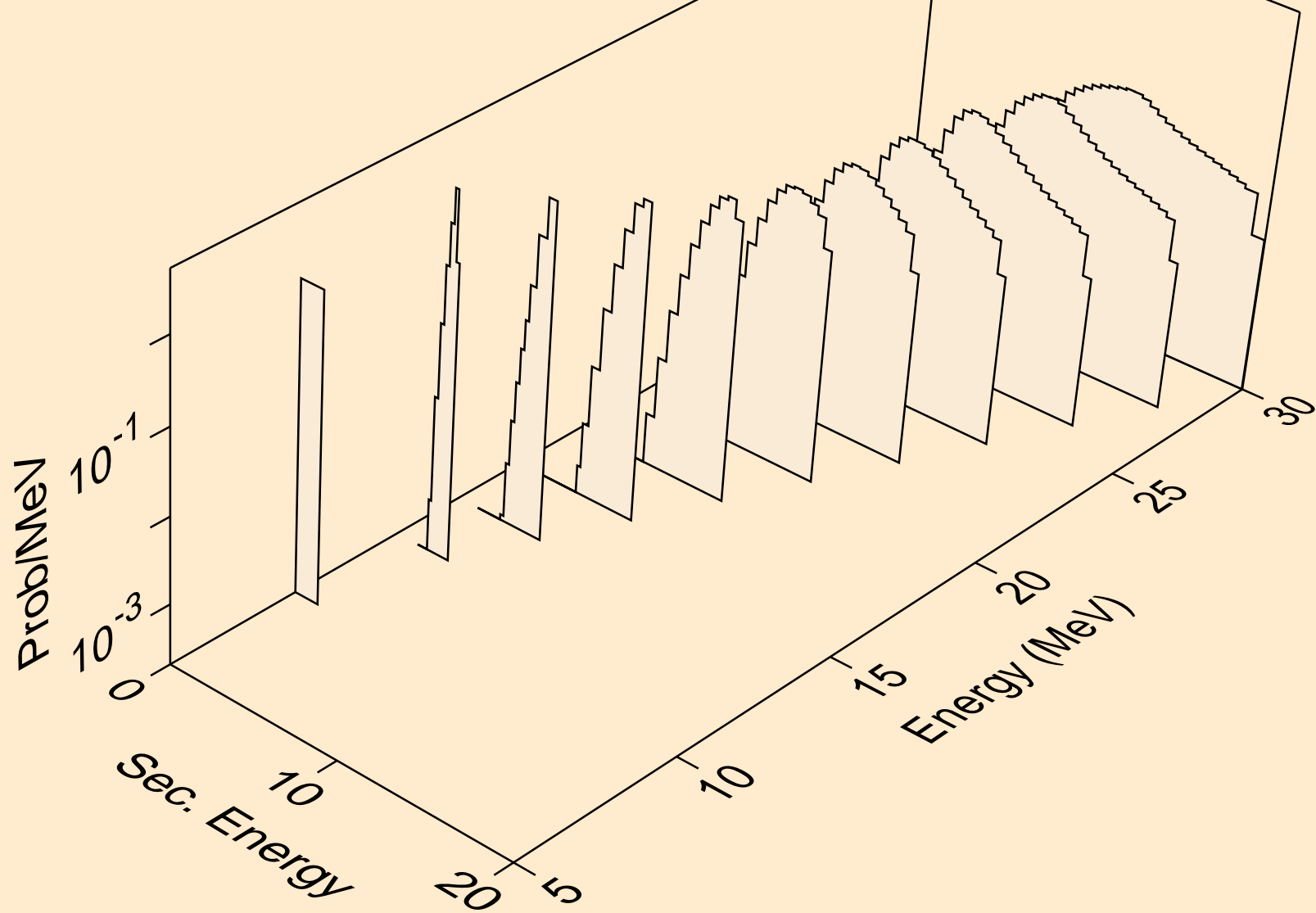




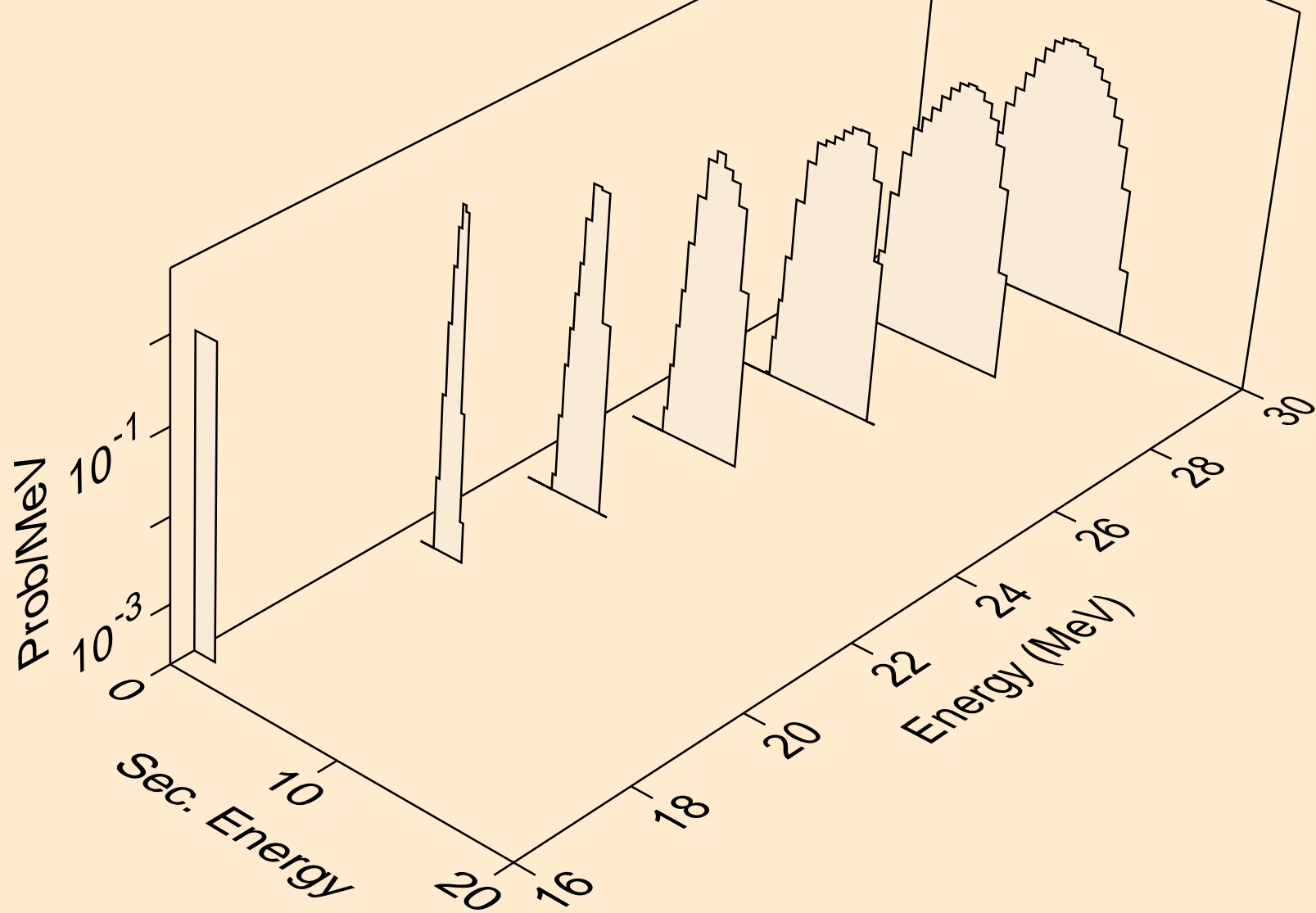
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



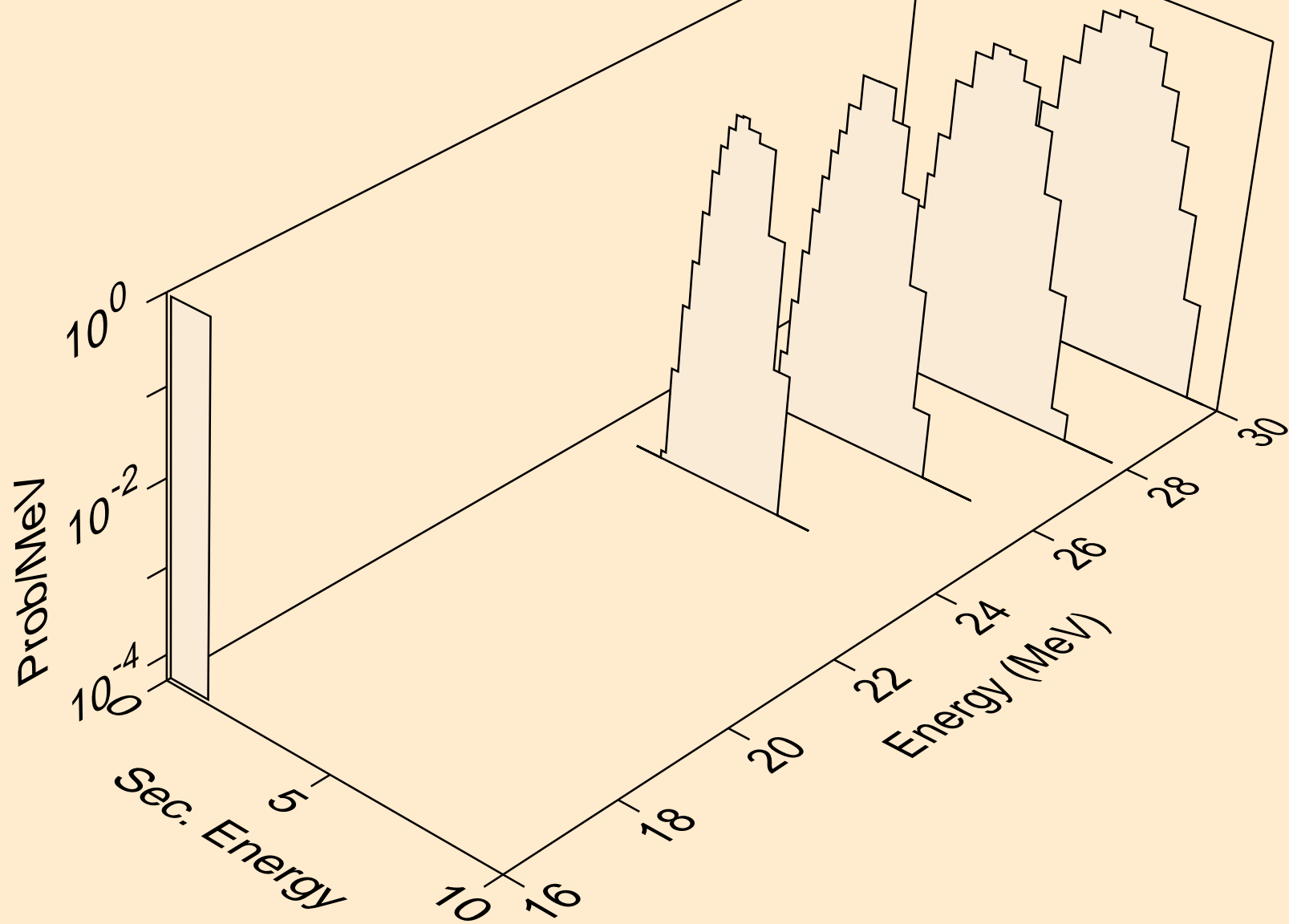
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



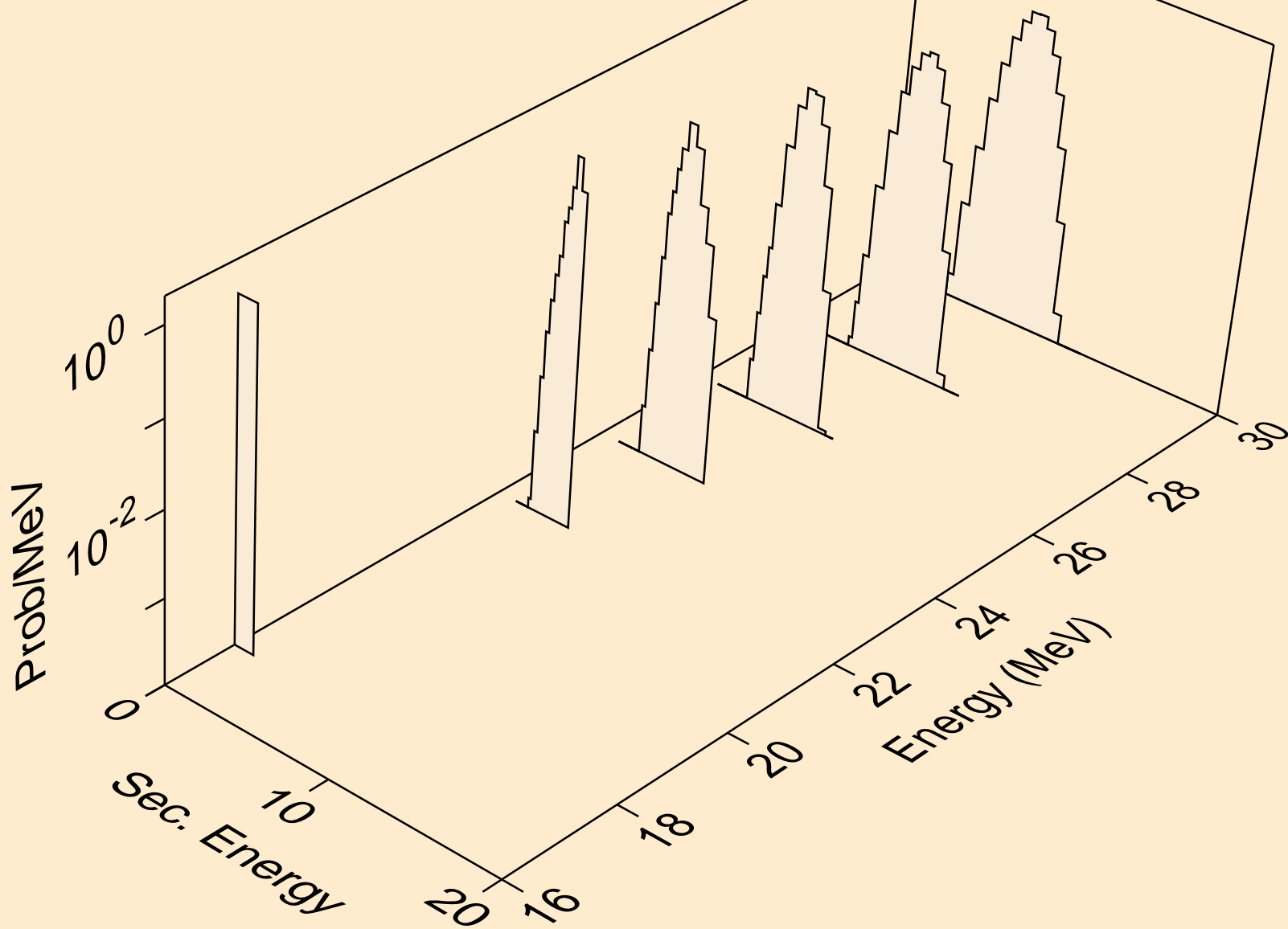
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



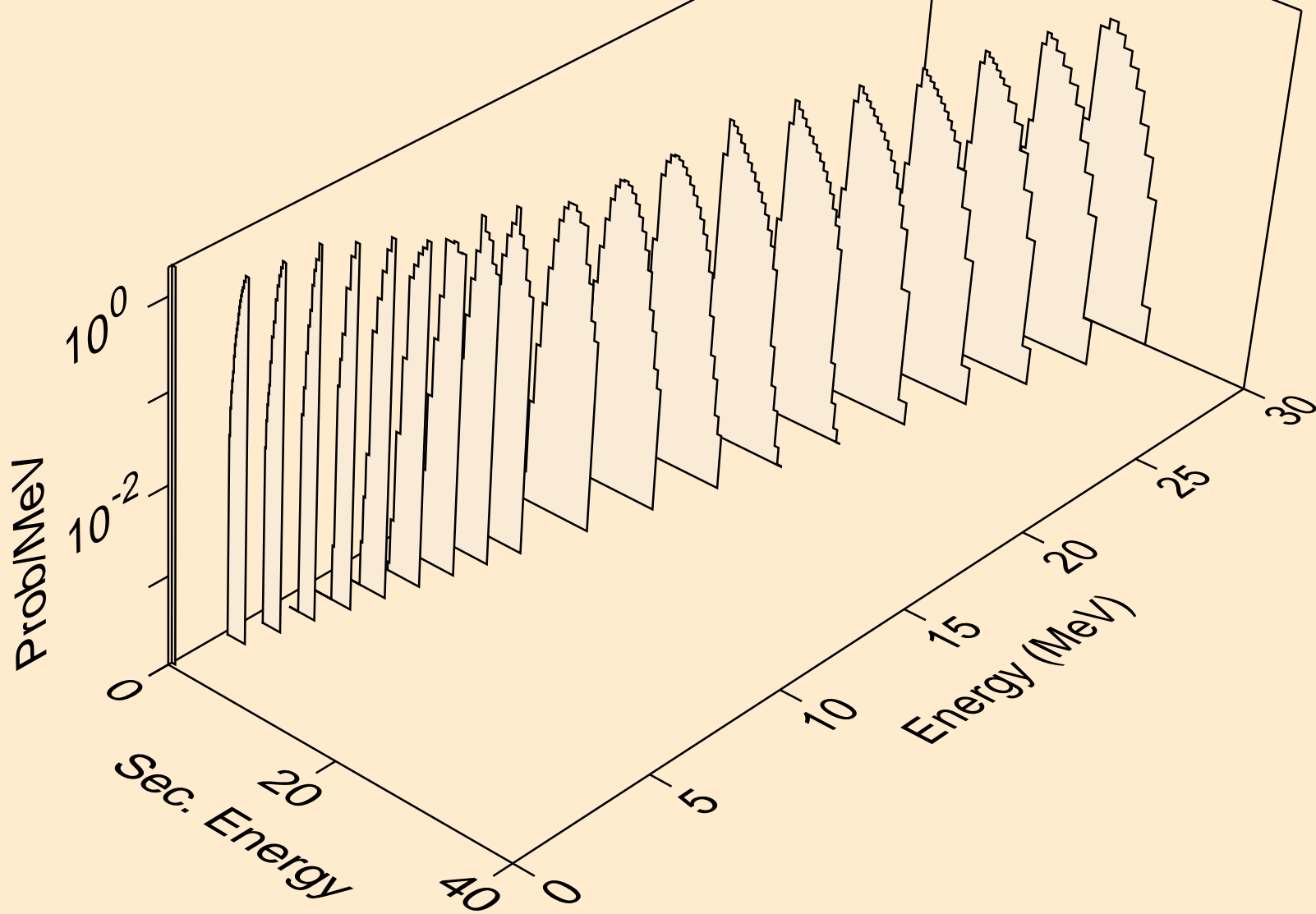
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a



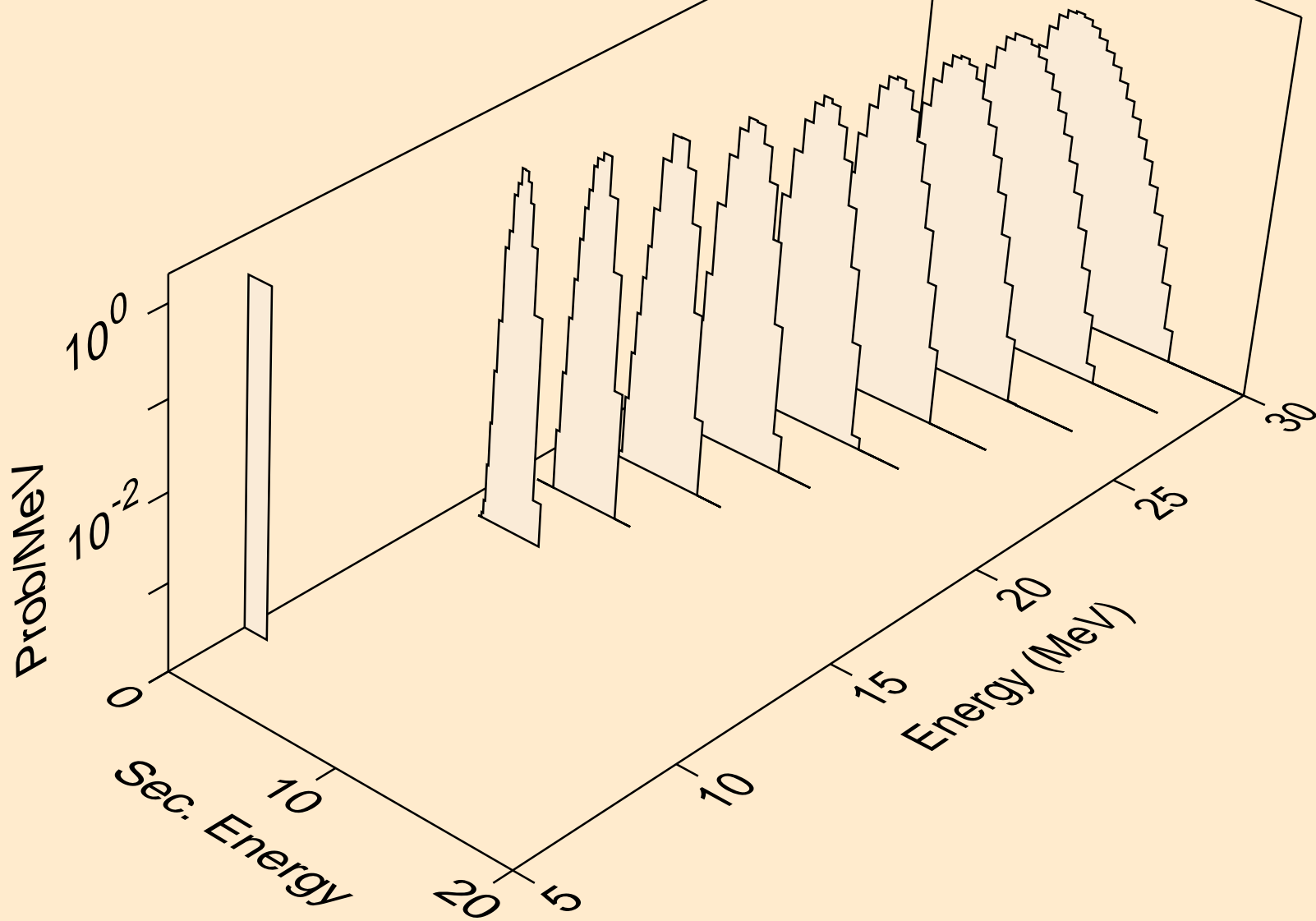
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



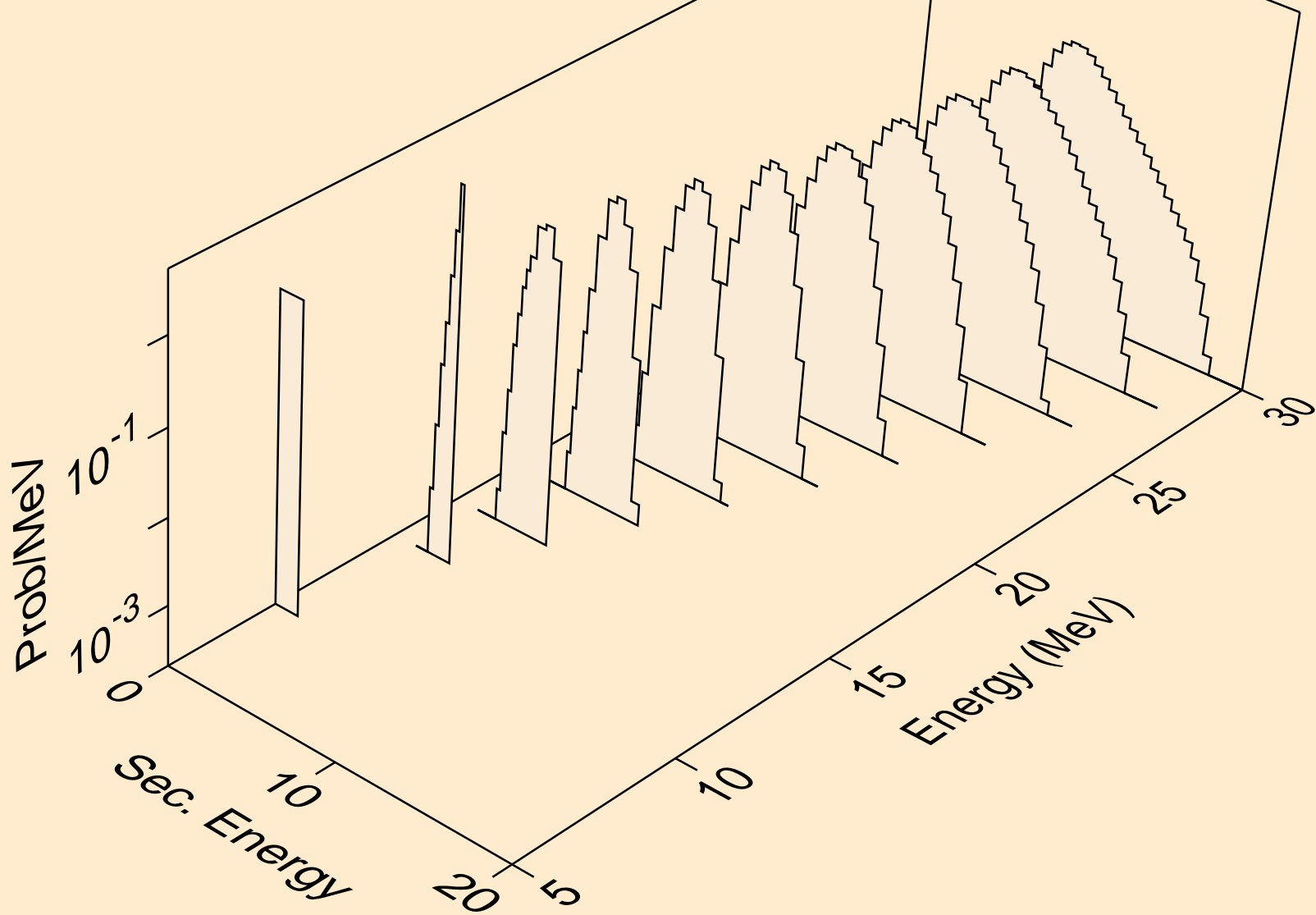
NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)





NI064 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

