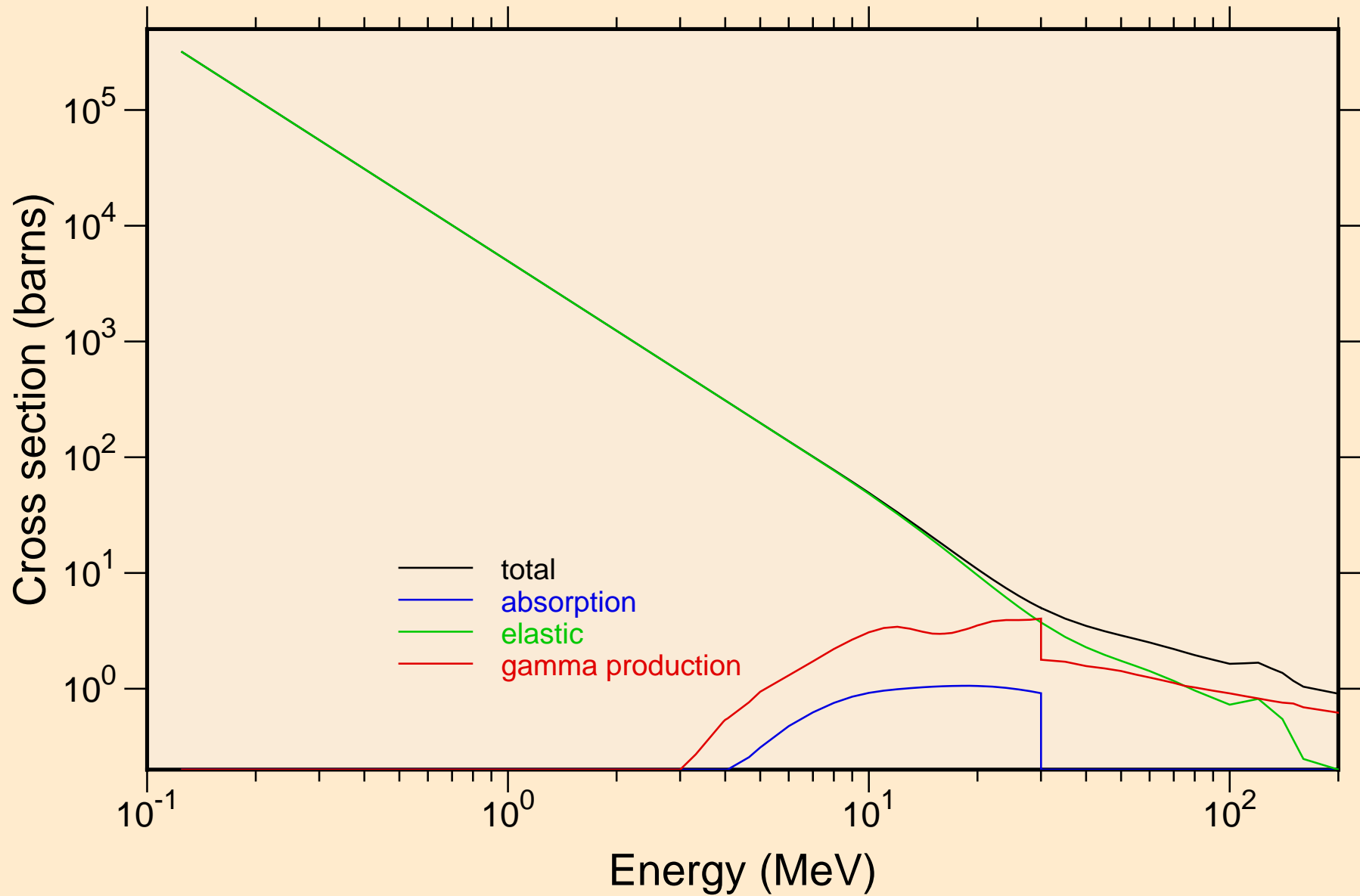
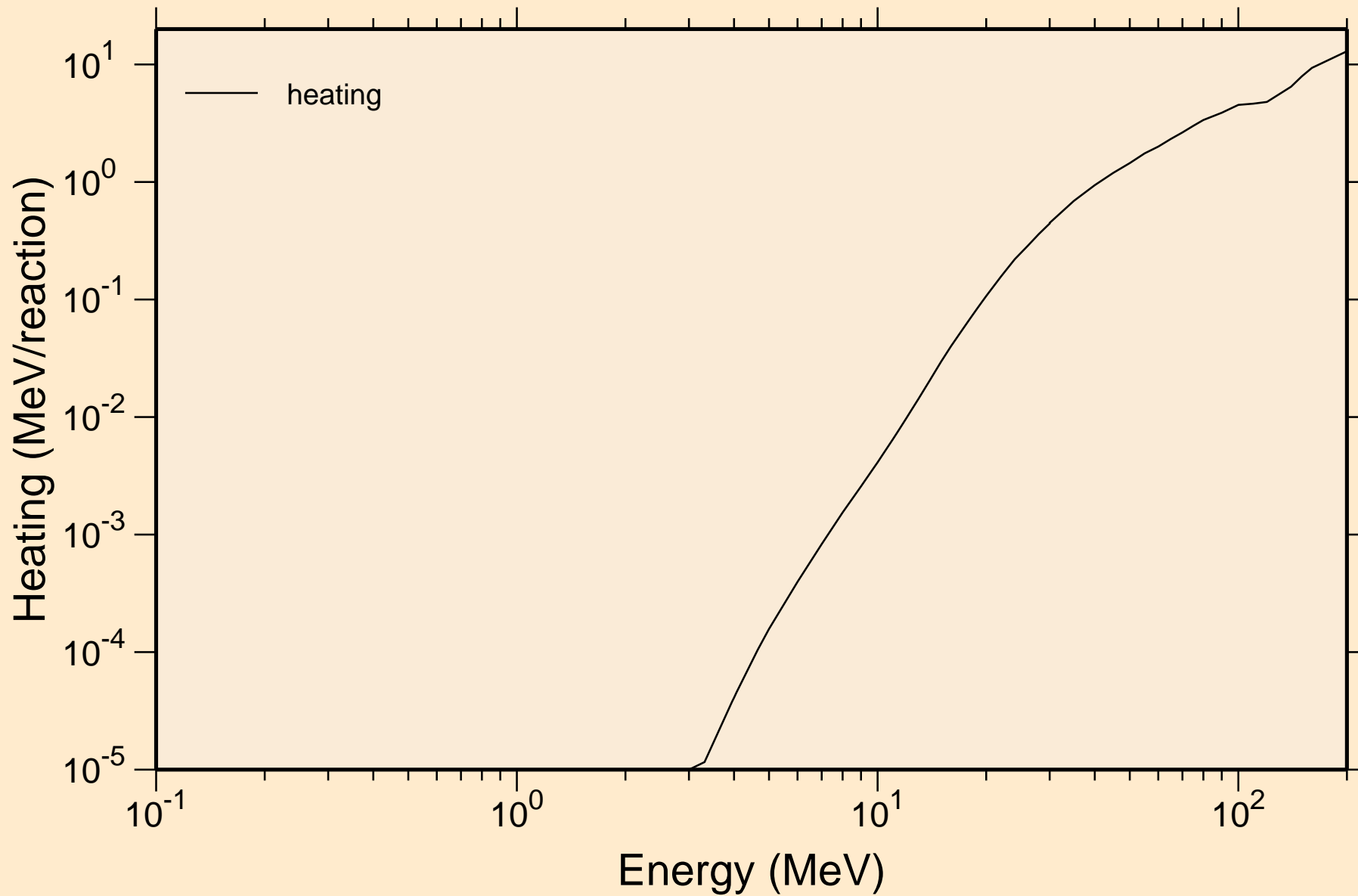


# NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K

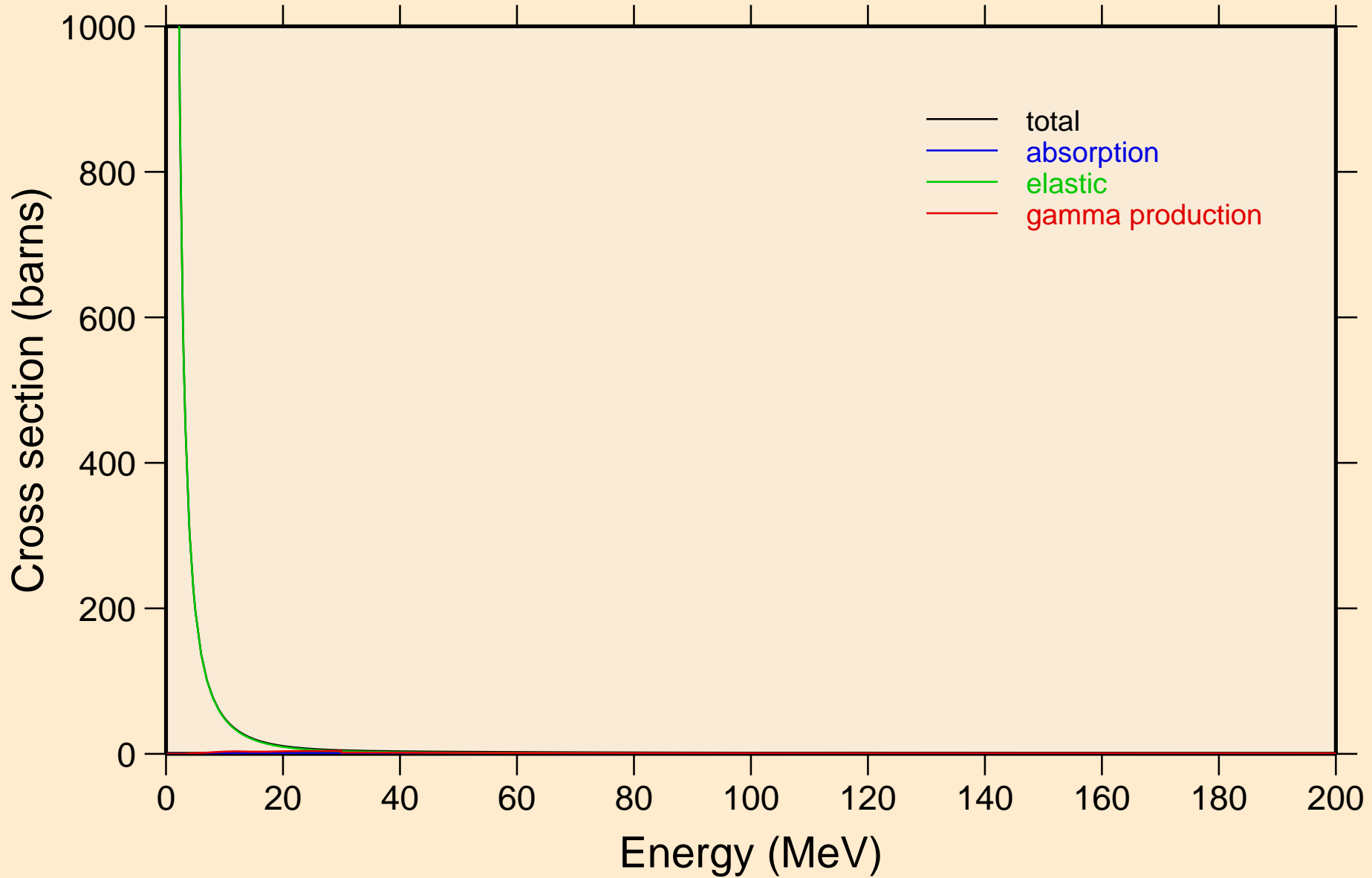
## Principal cross sections



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

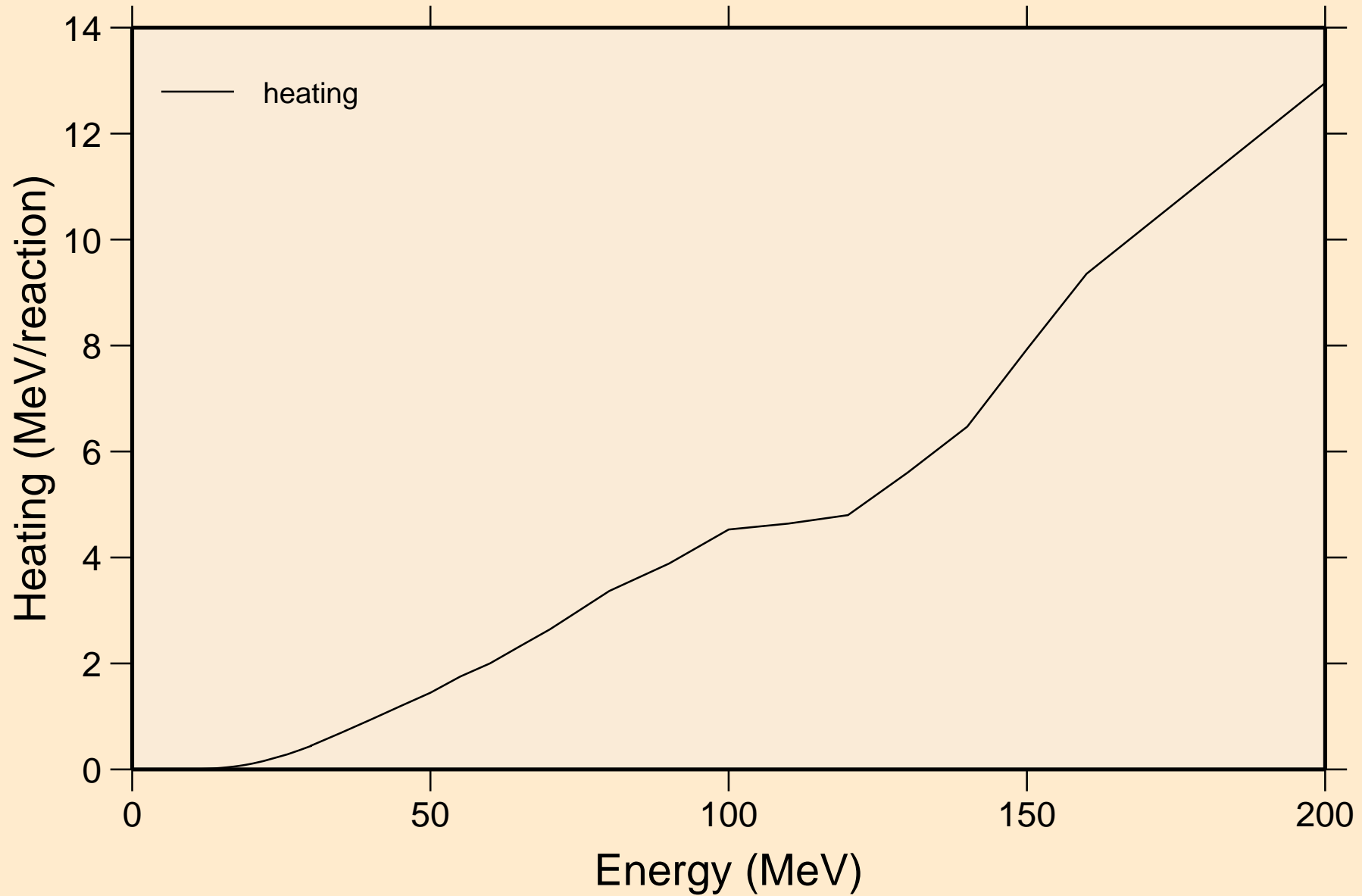


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

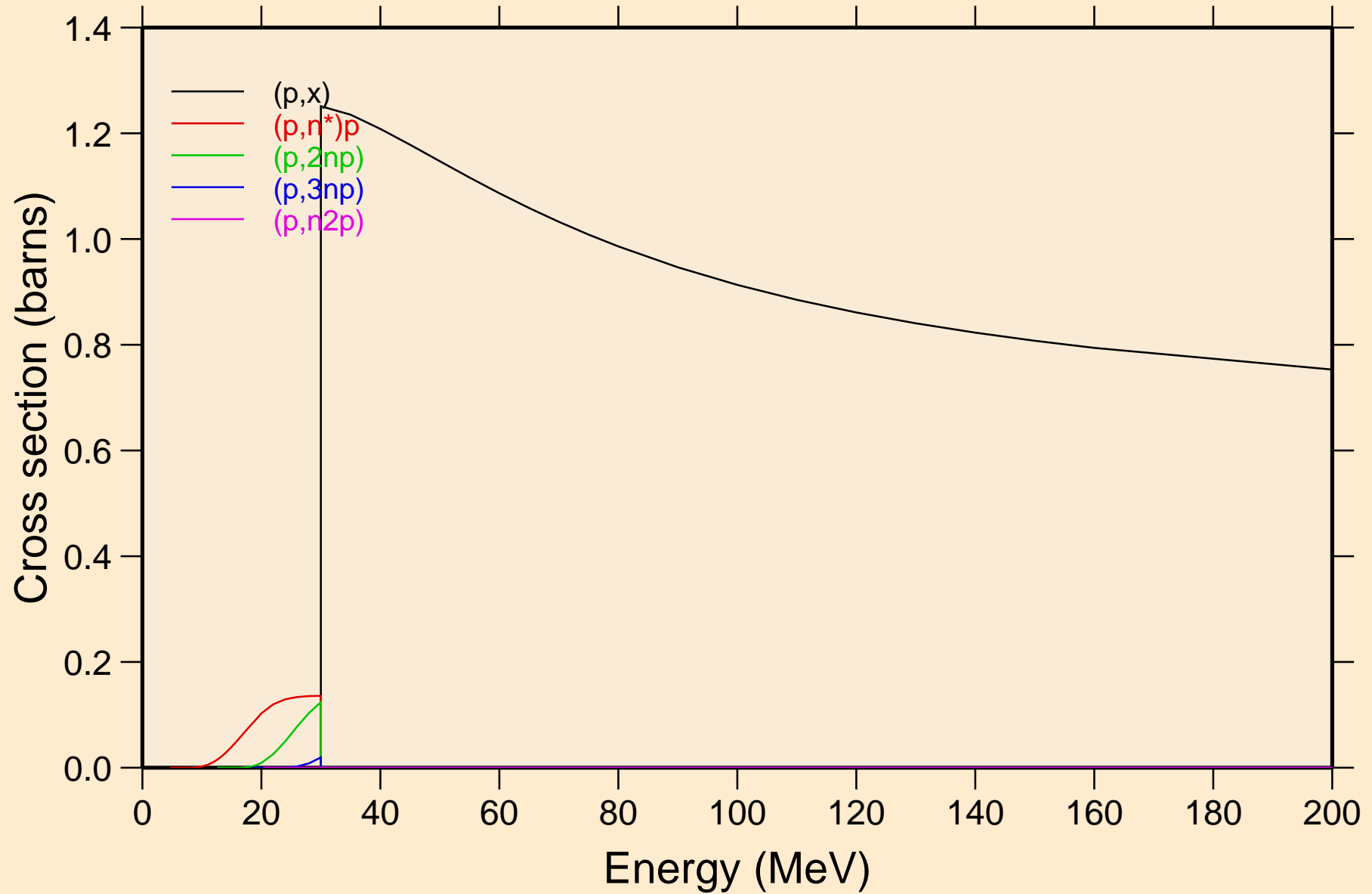


# NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

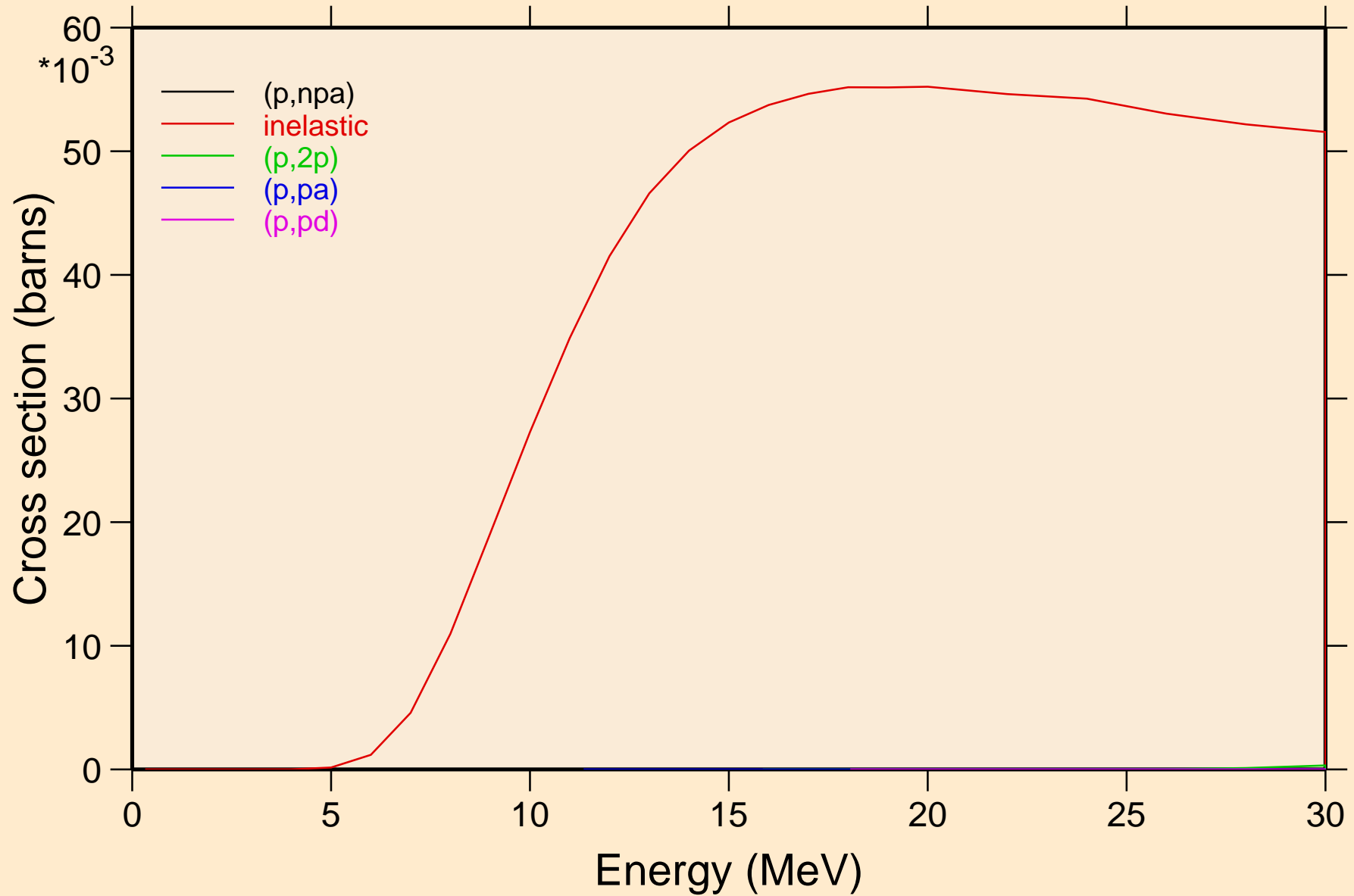


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

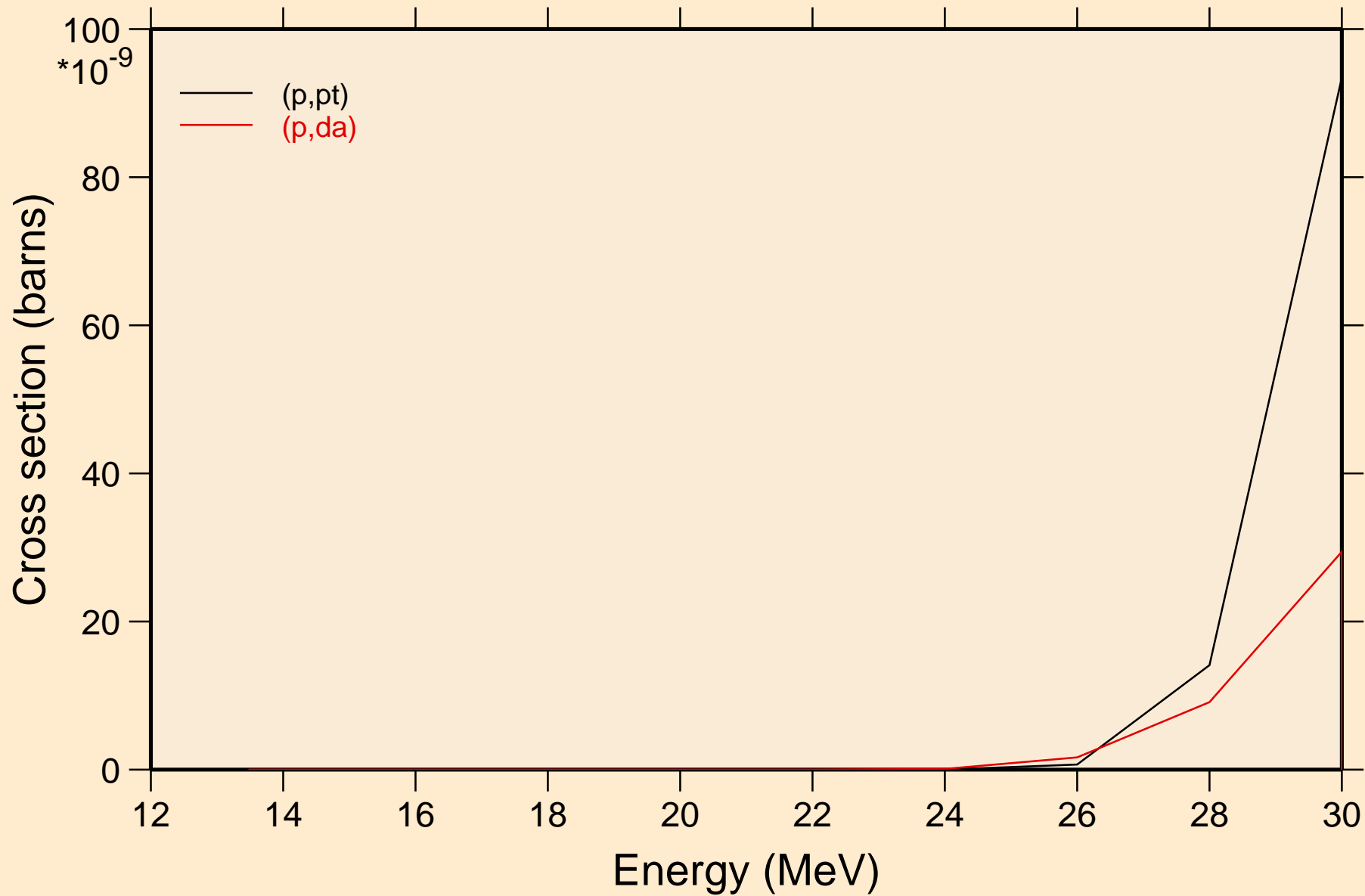


# NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K

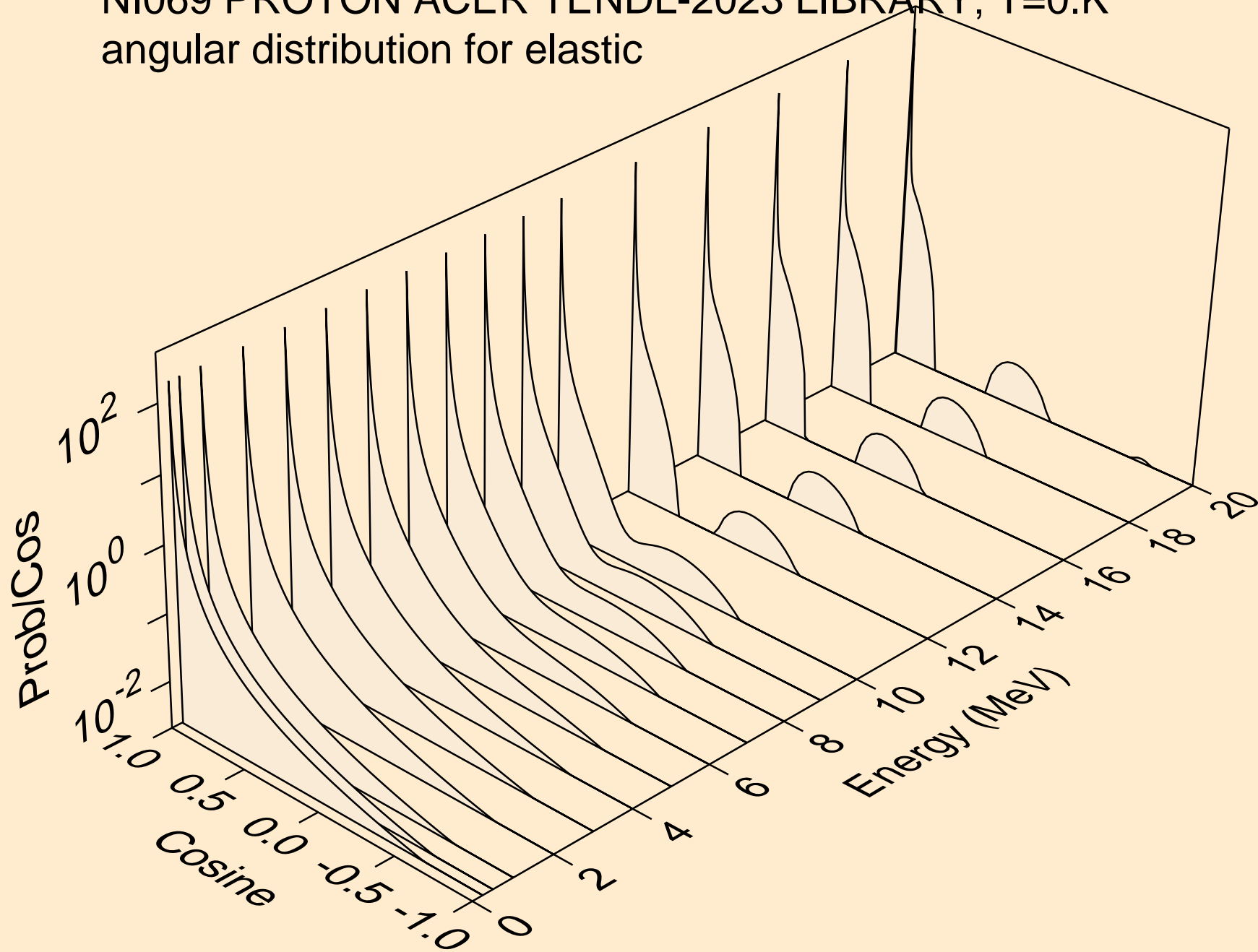
## Threshold reactions



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

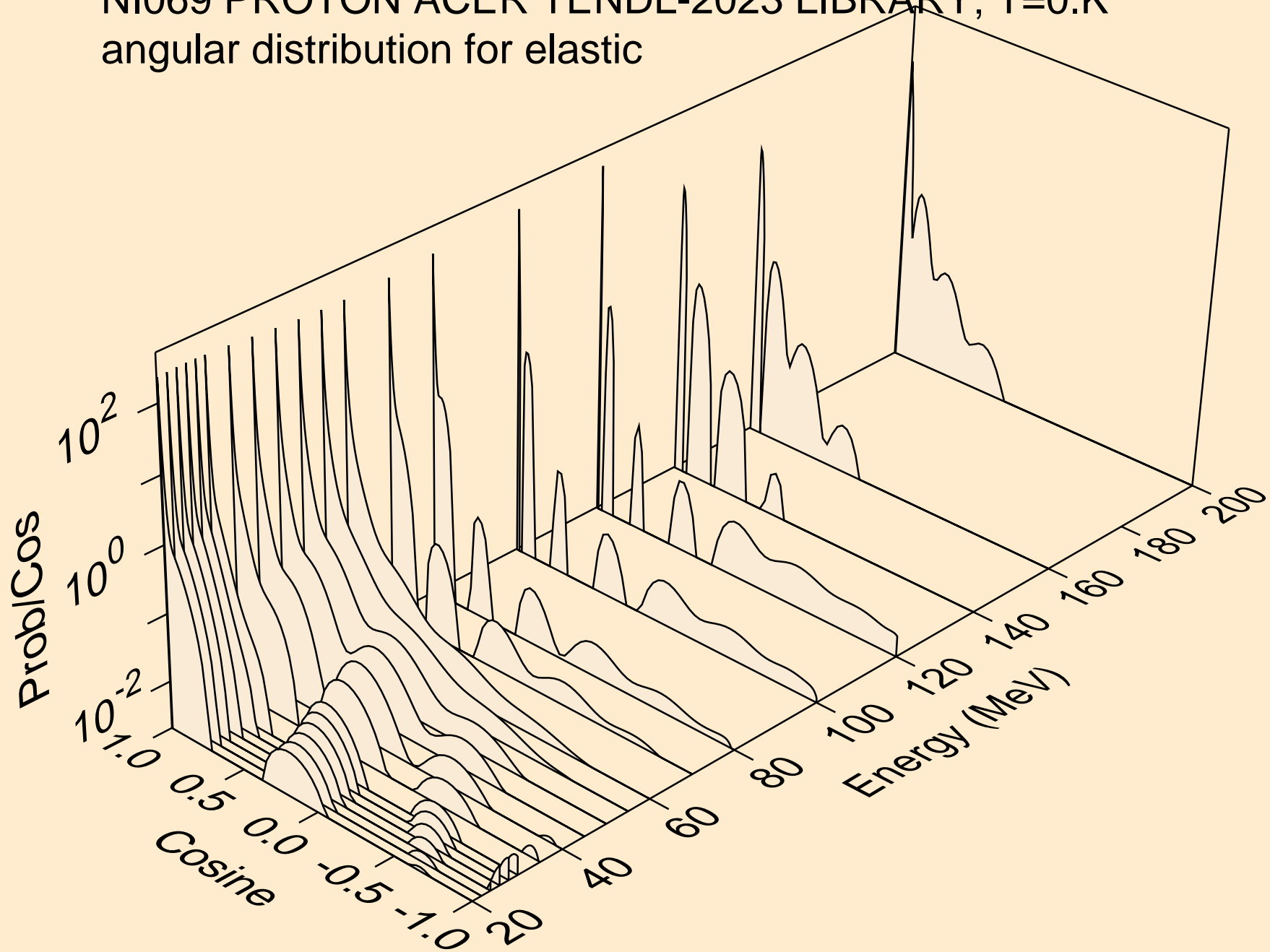


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

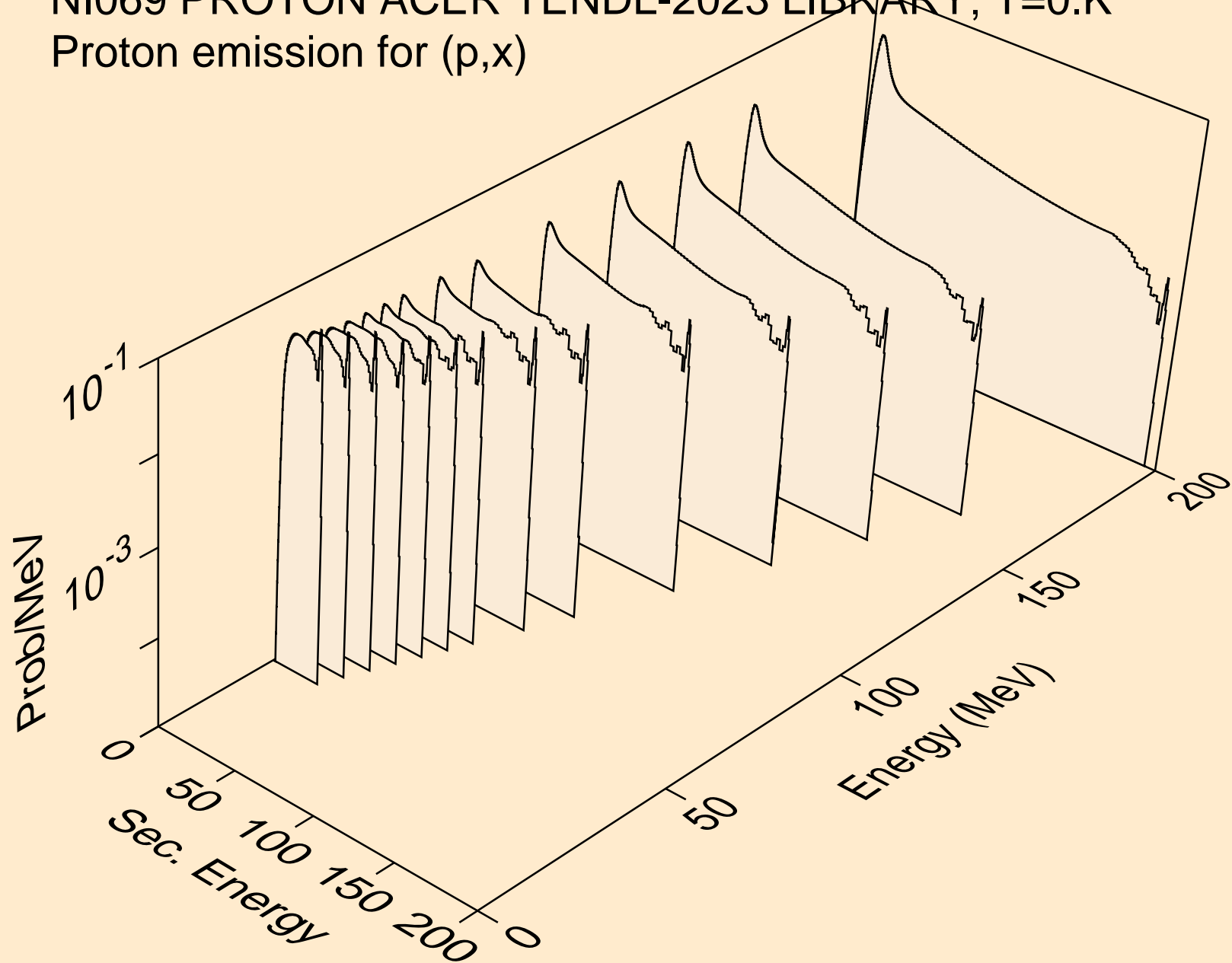




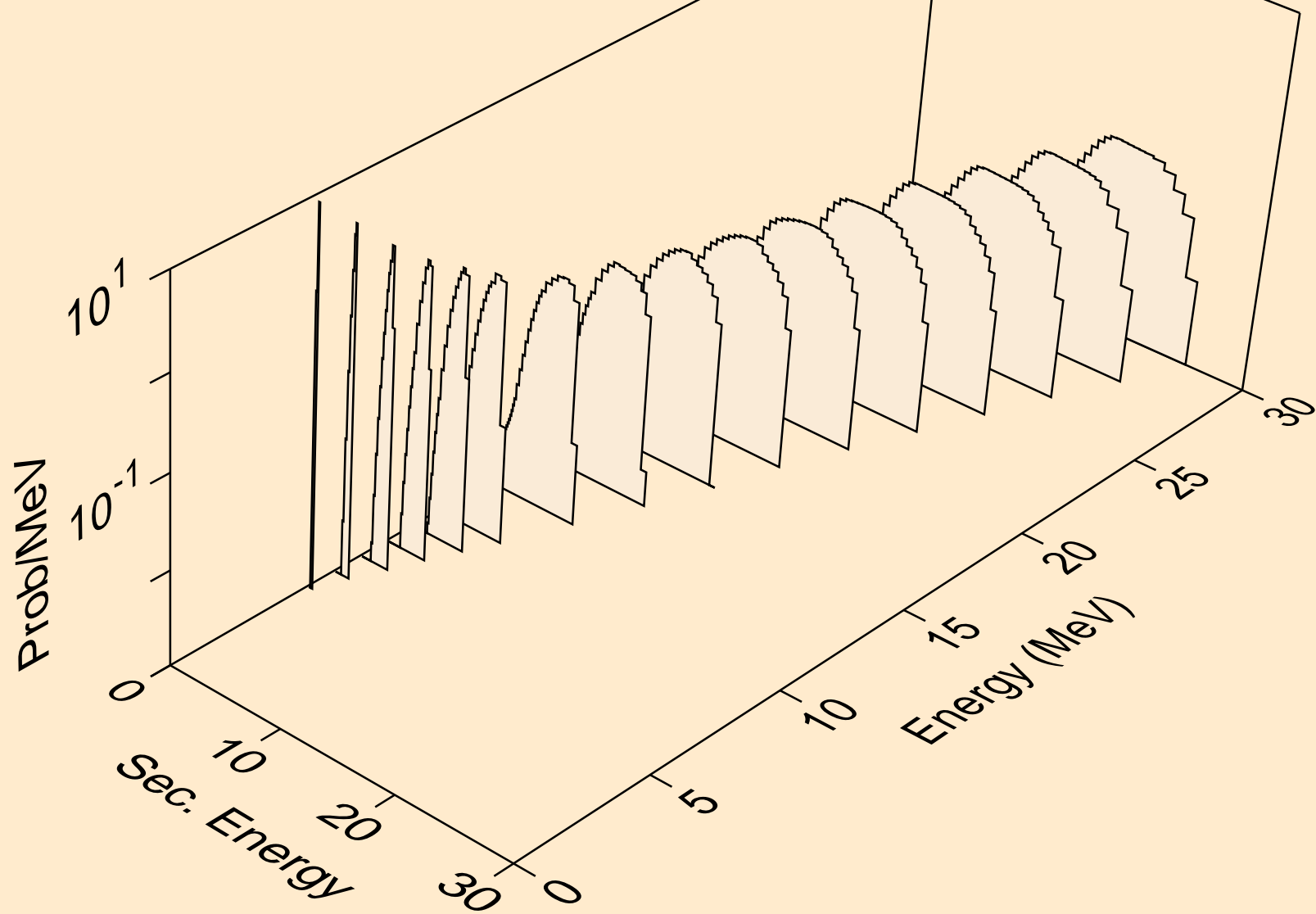
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



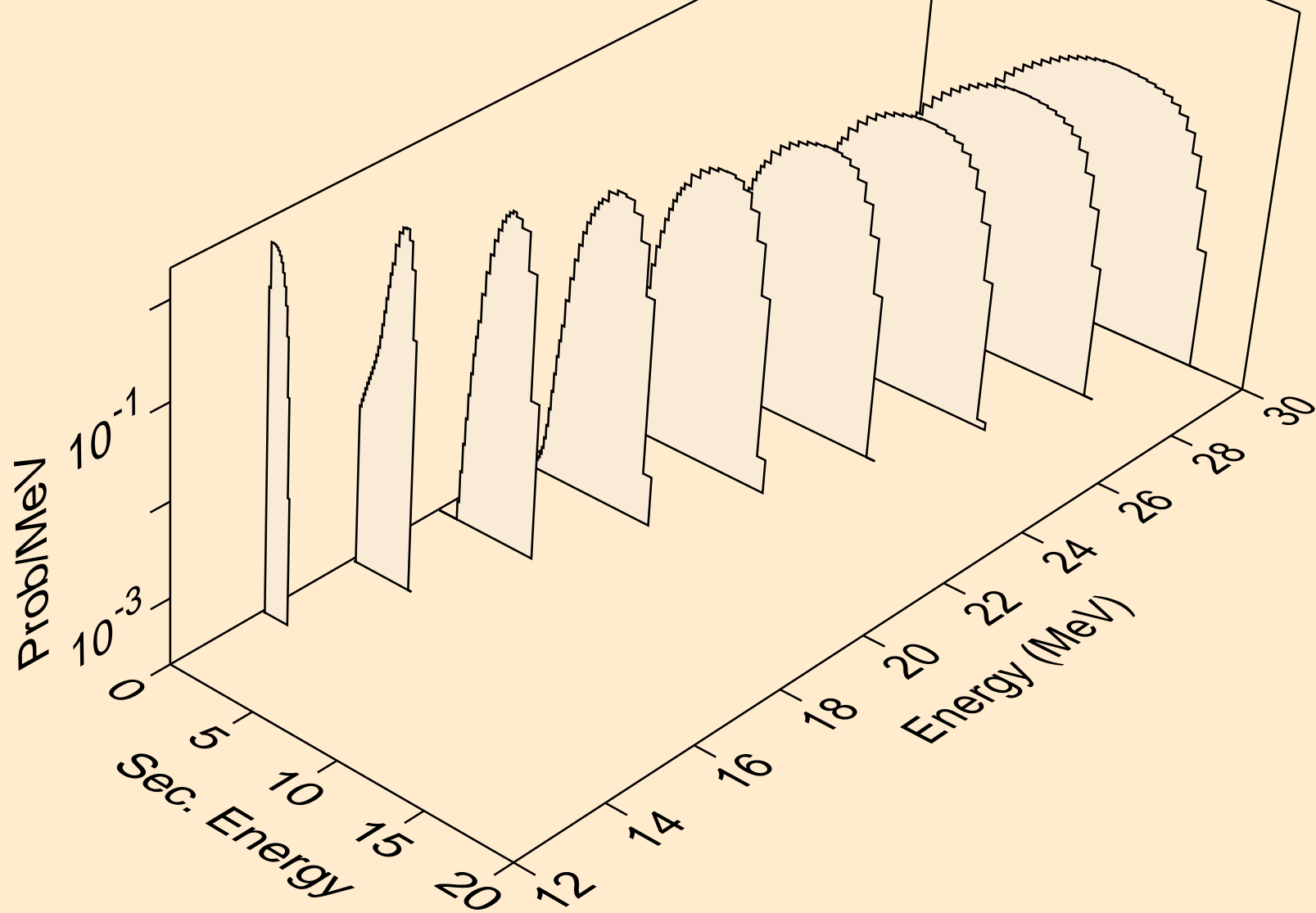
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



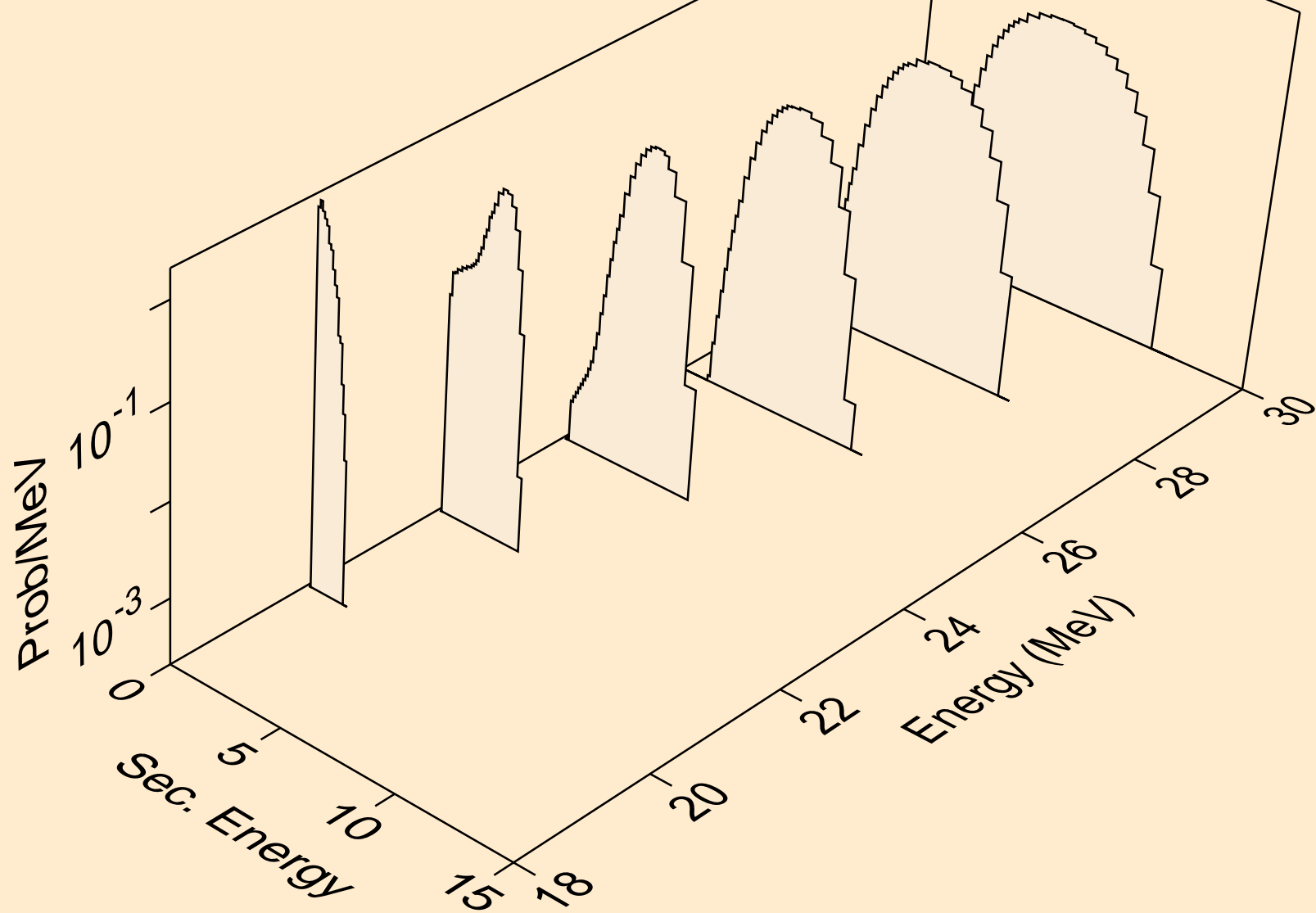
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



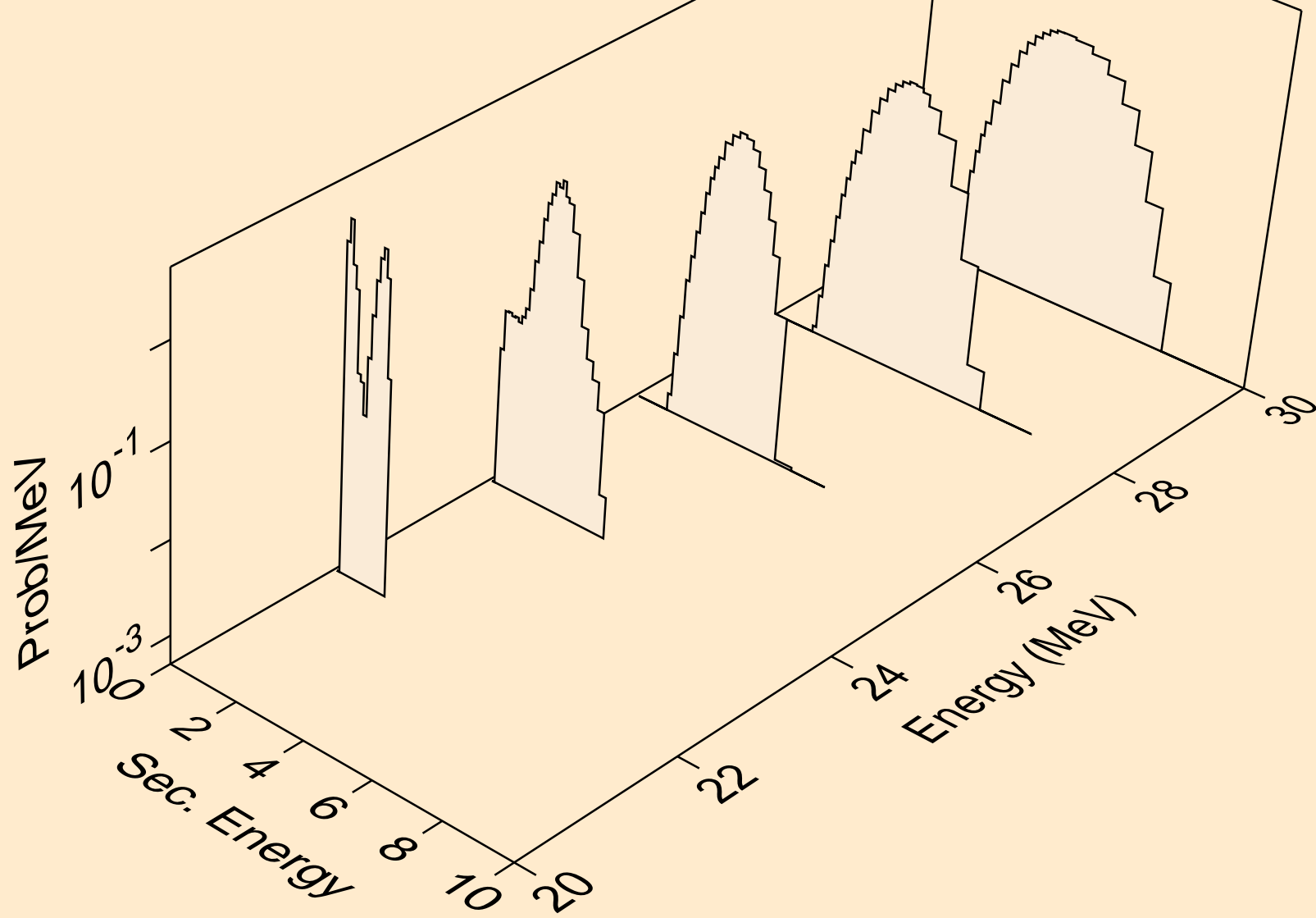
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



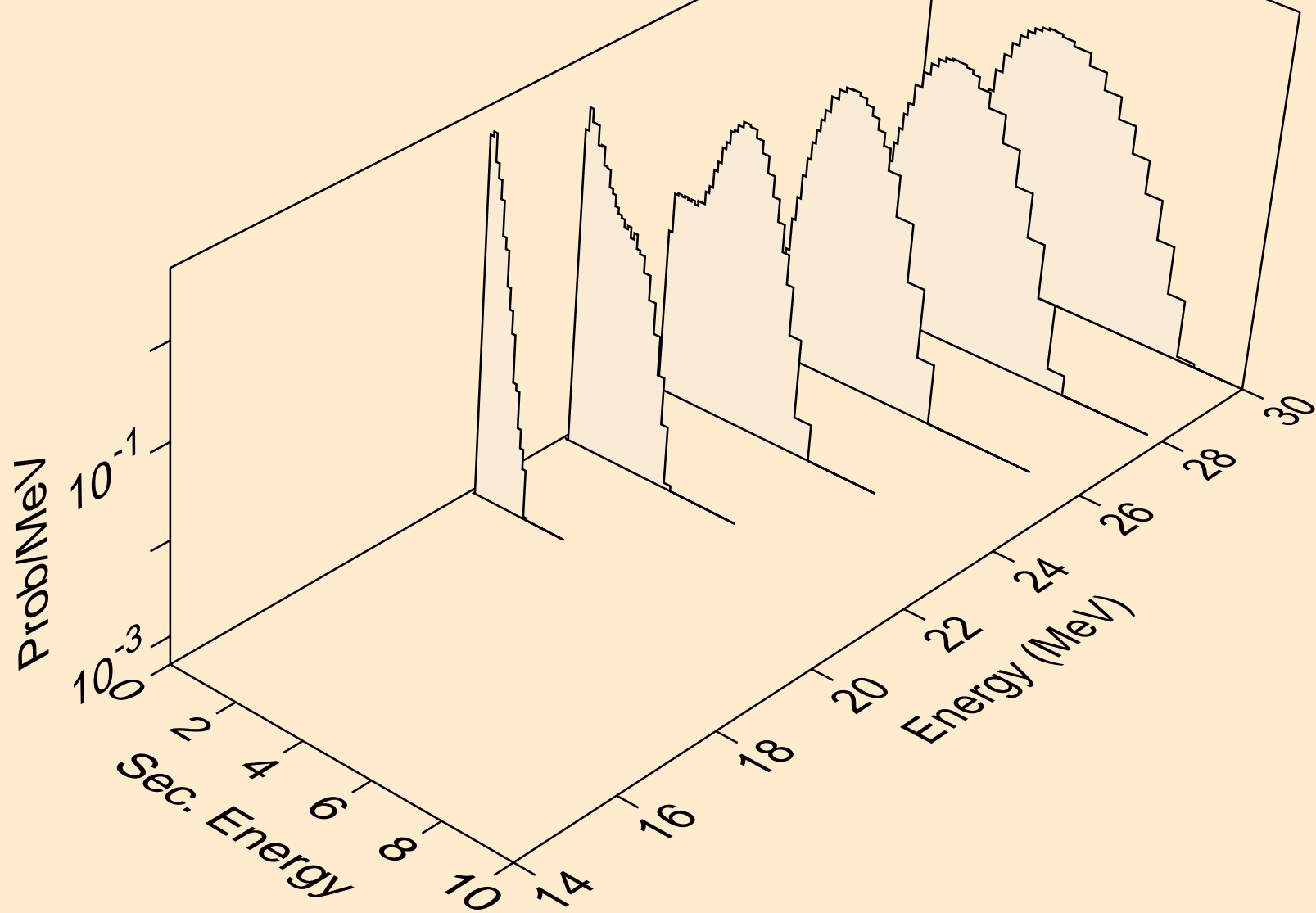
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



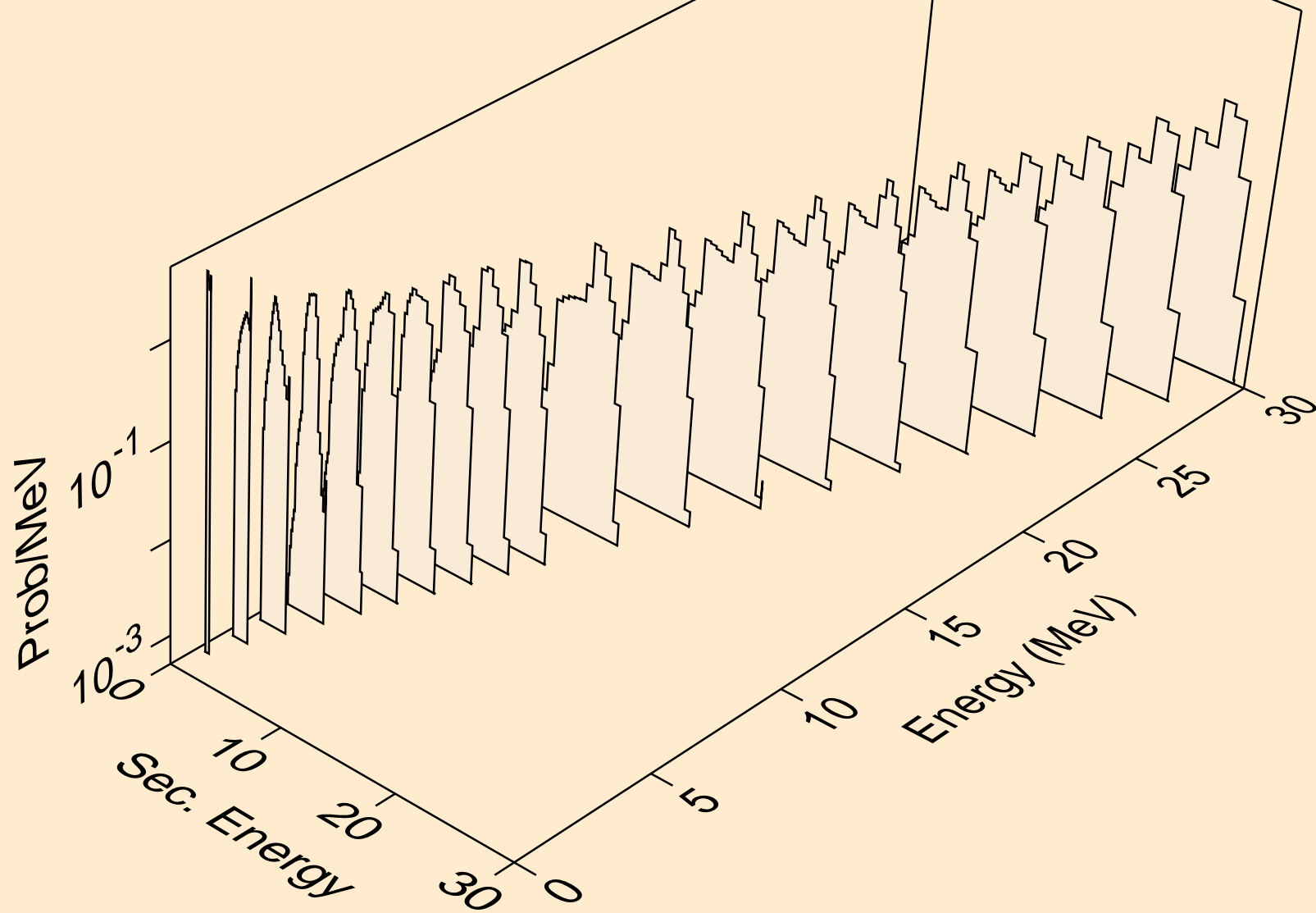
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

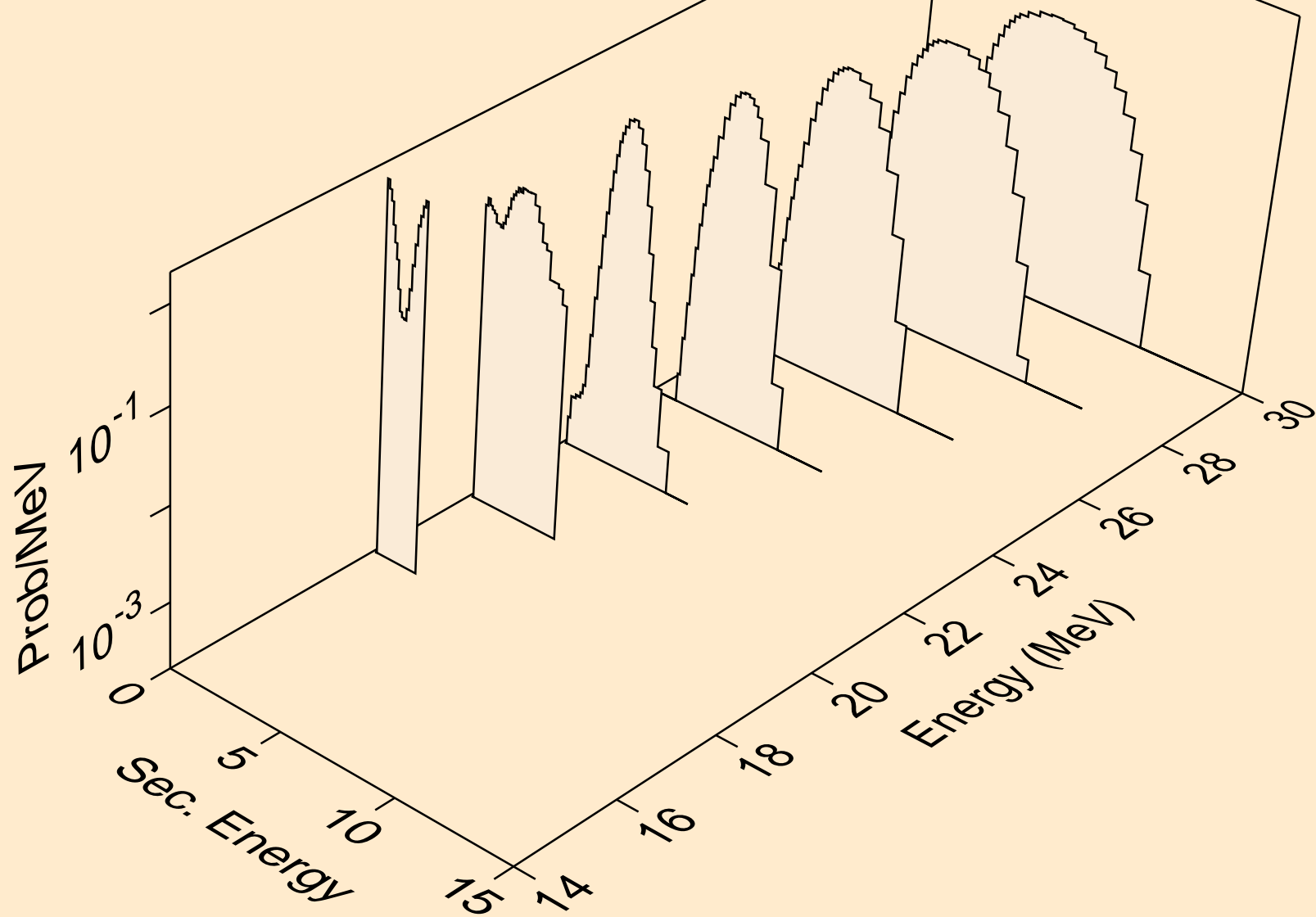


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

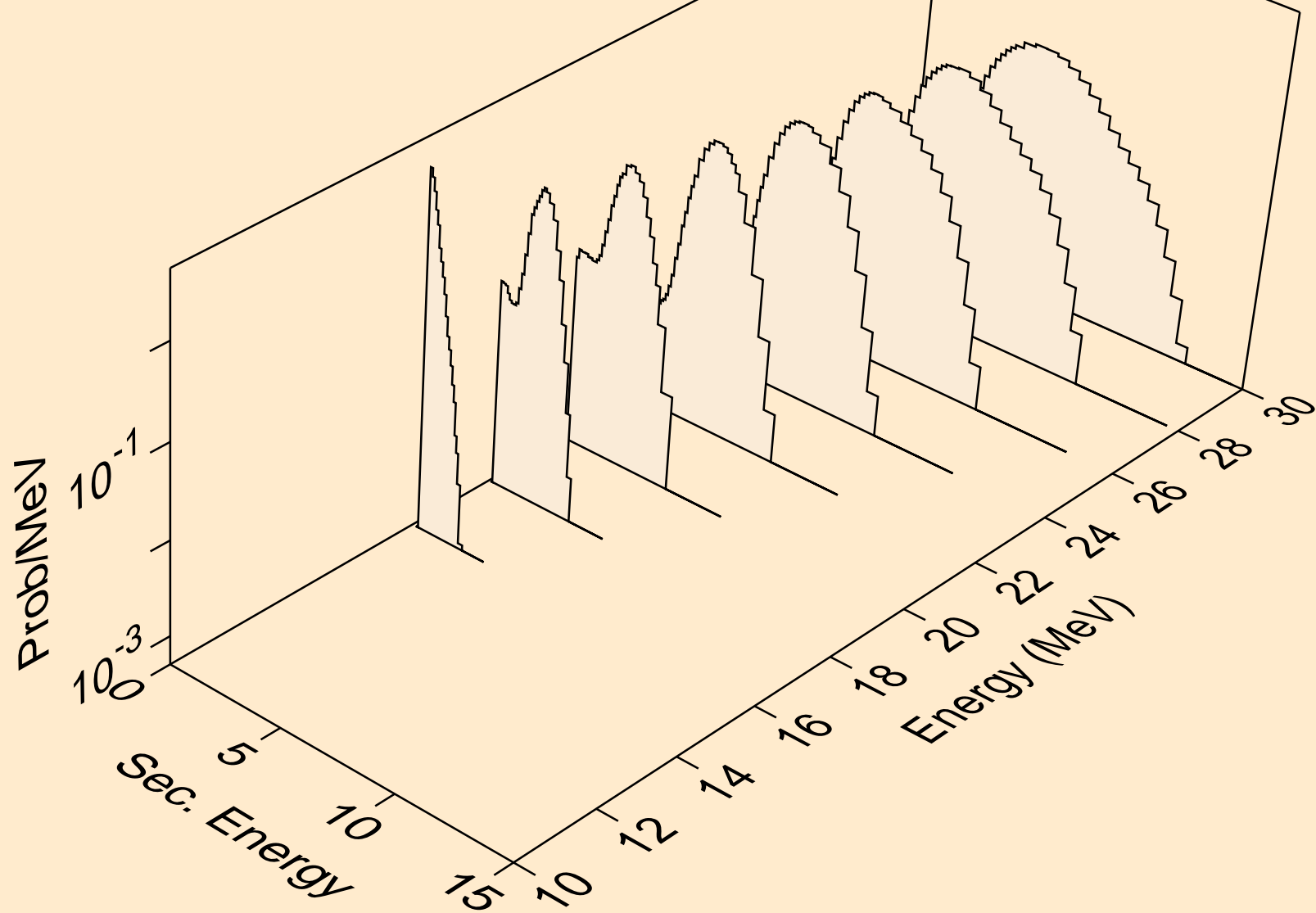




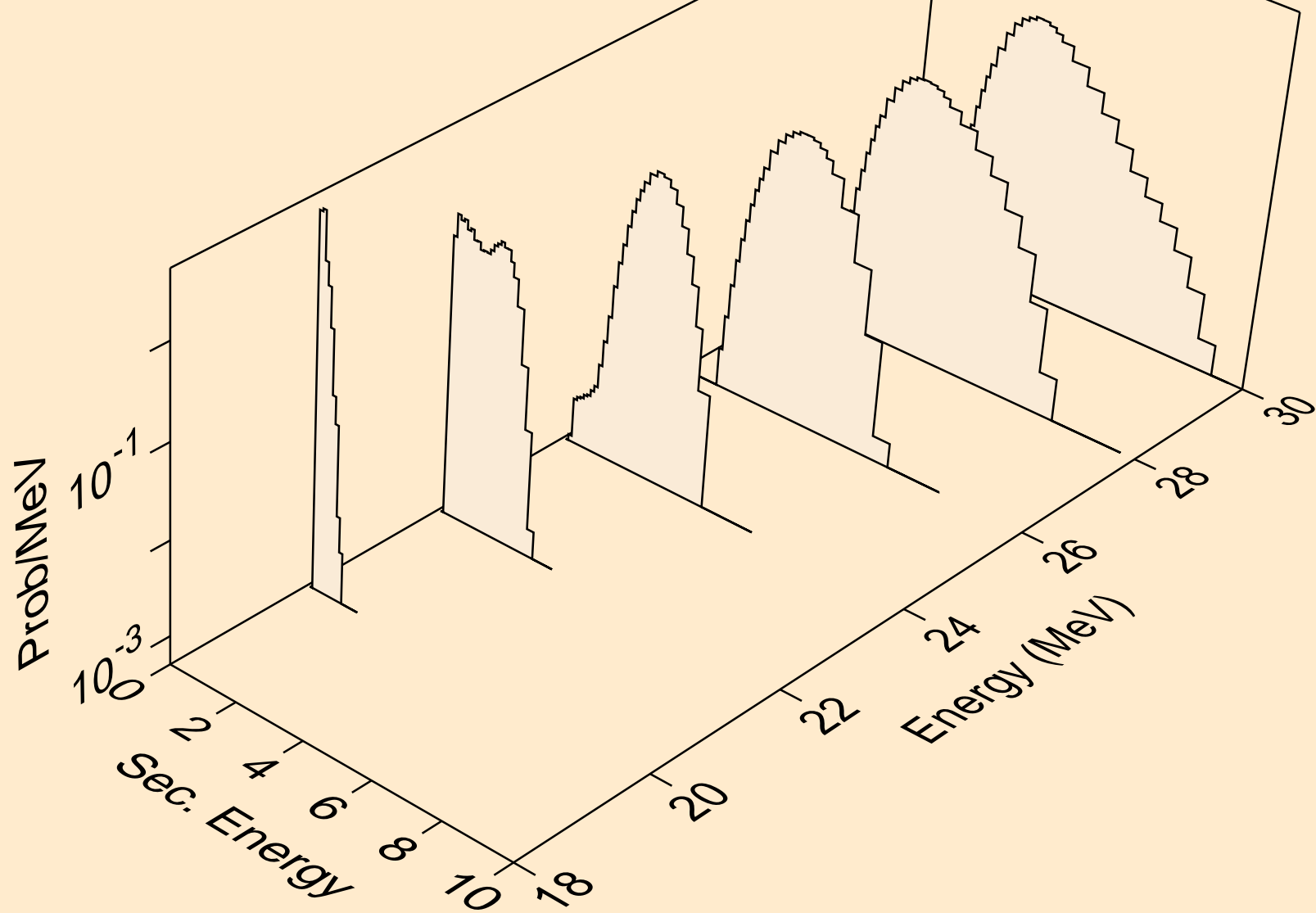
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



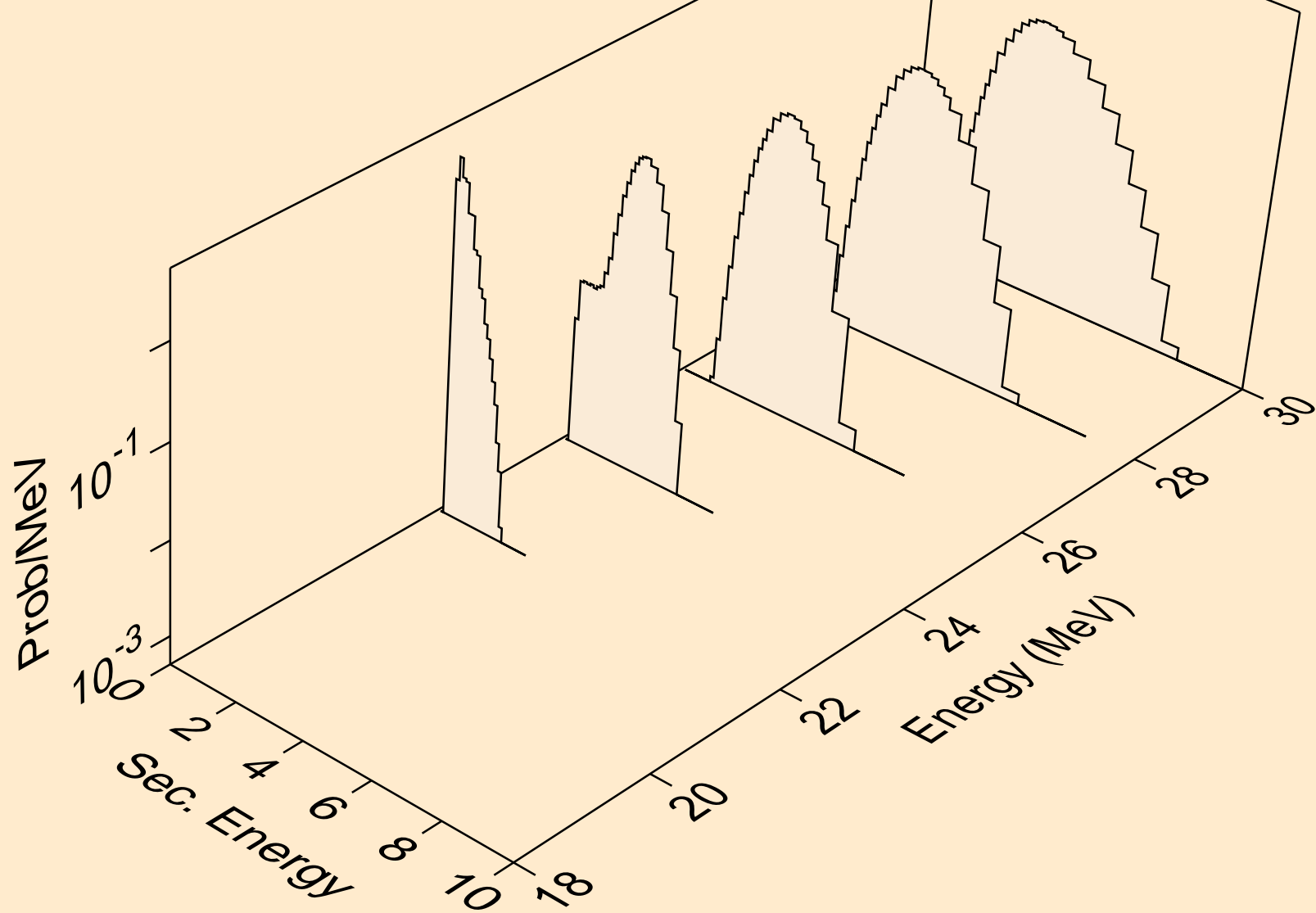
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



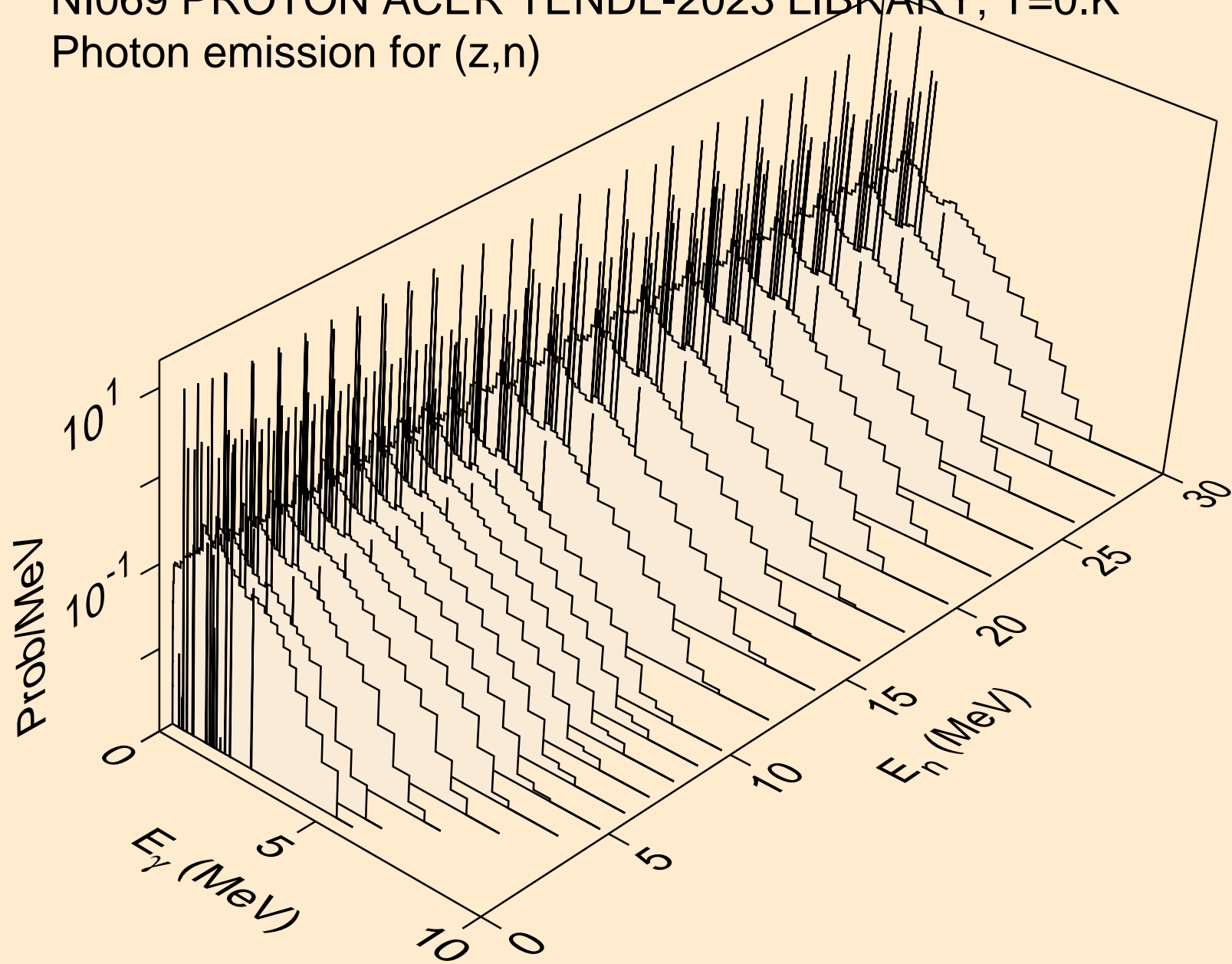
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



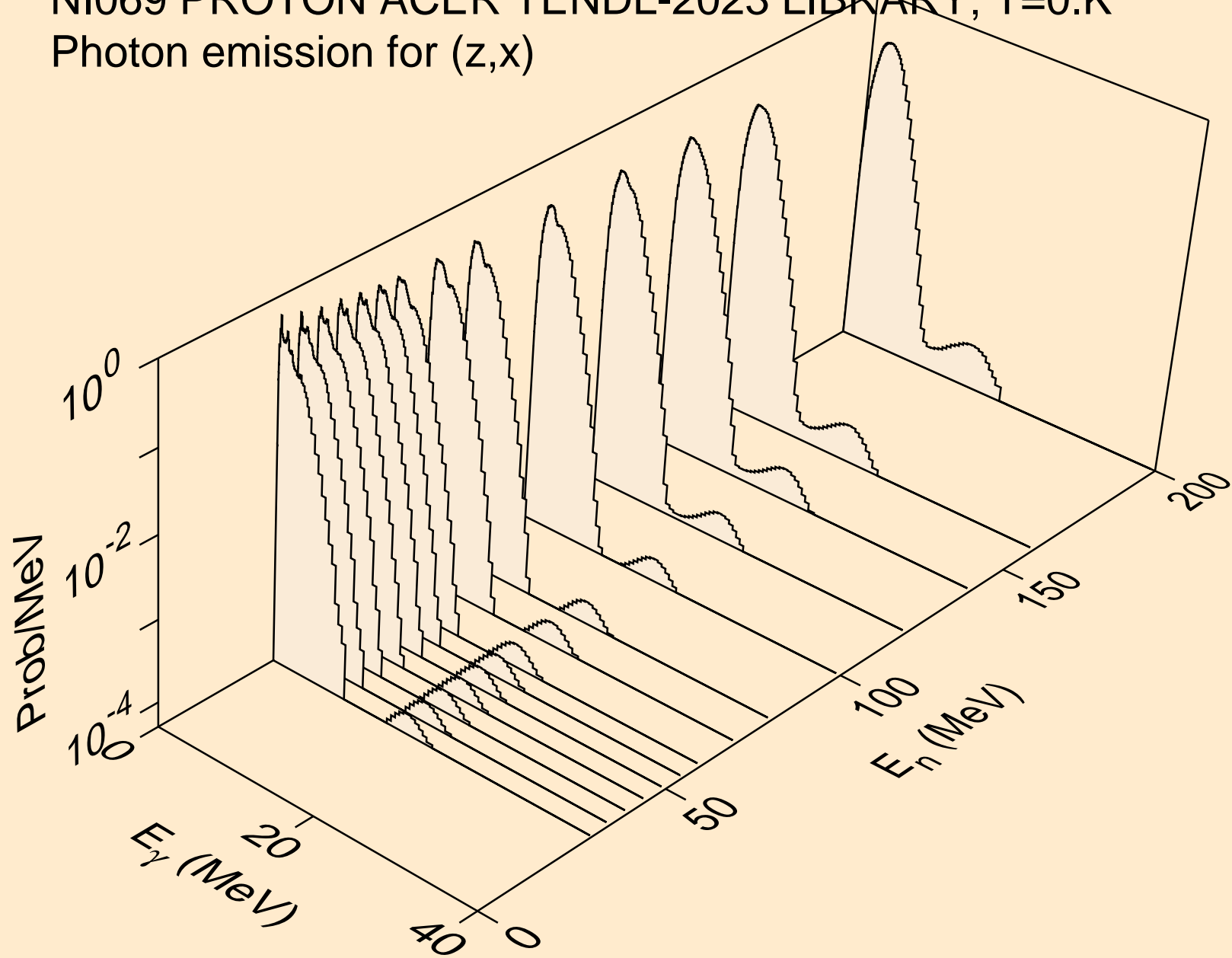
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



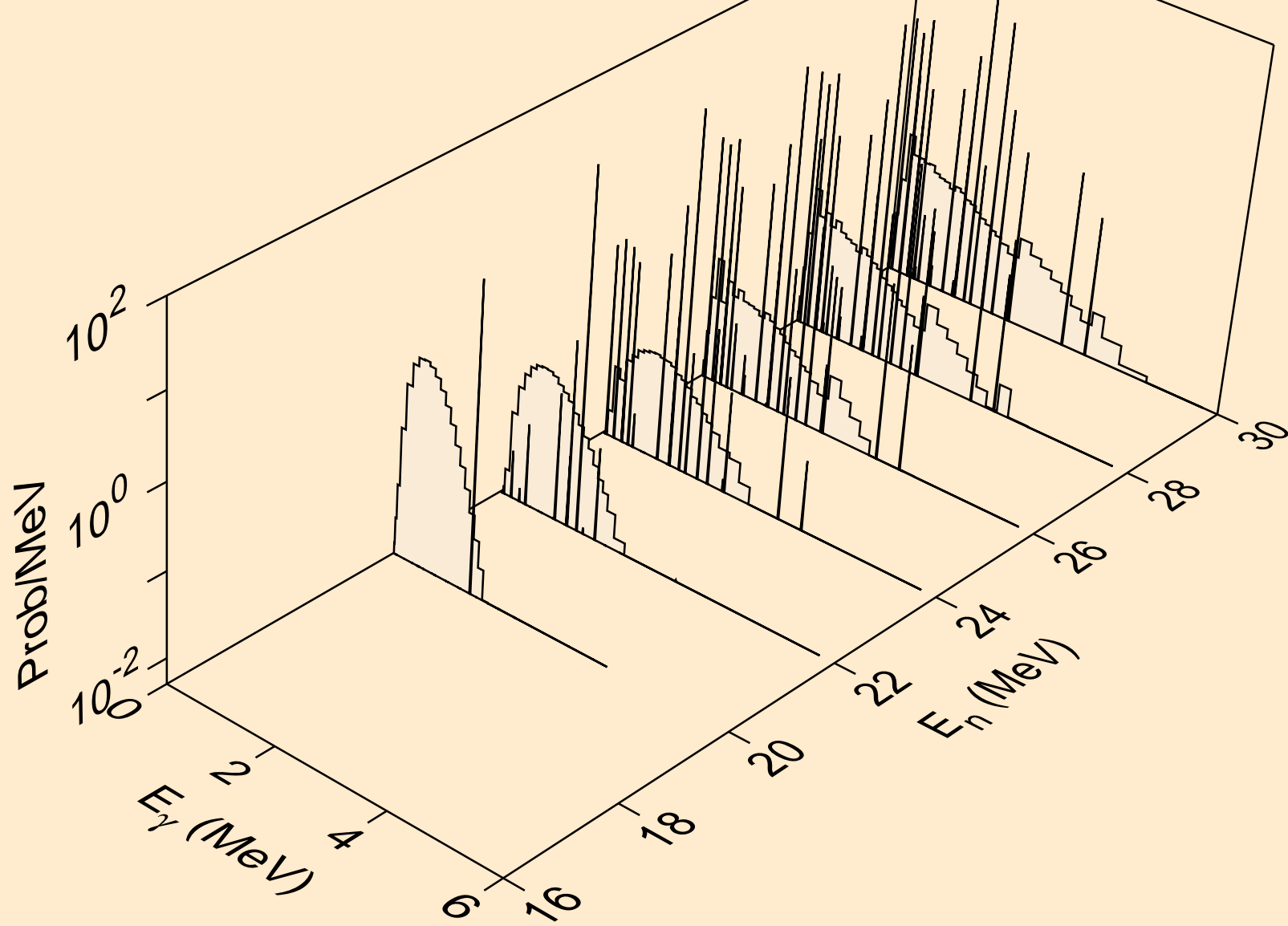
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



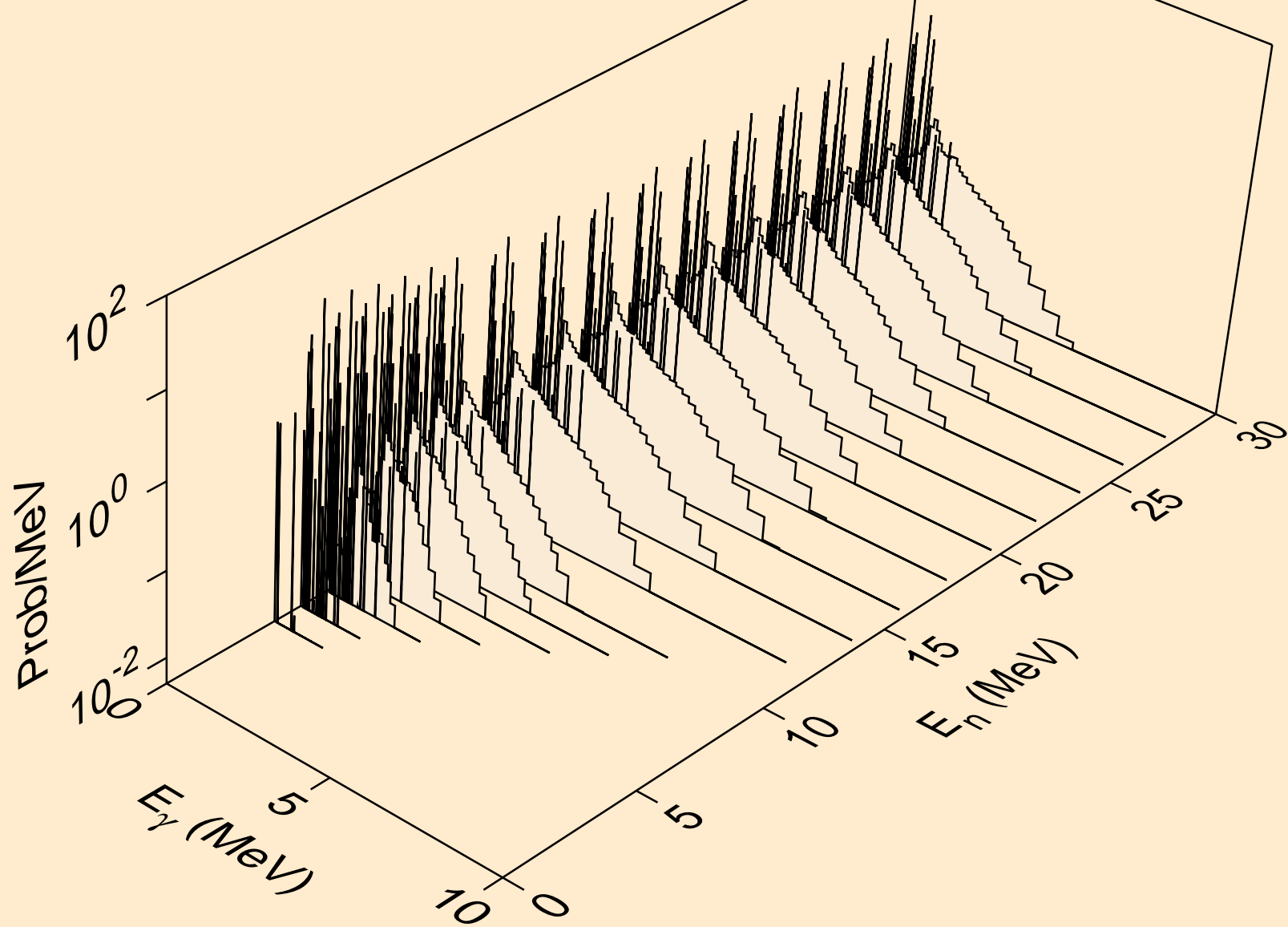
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

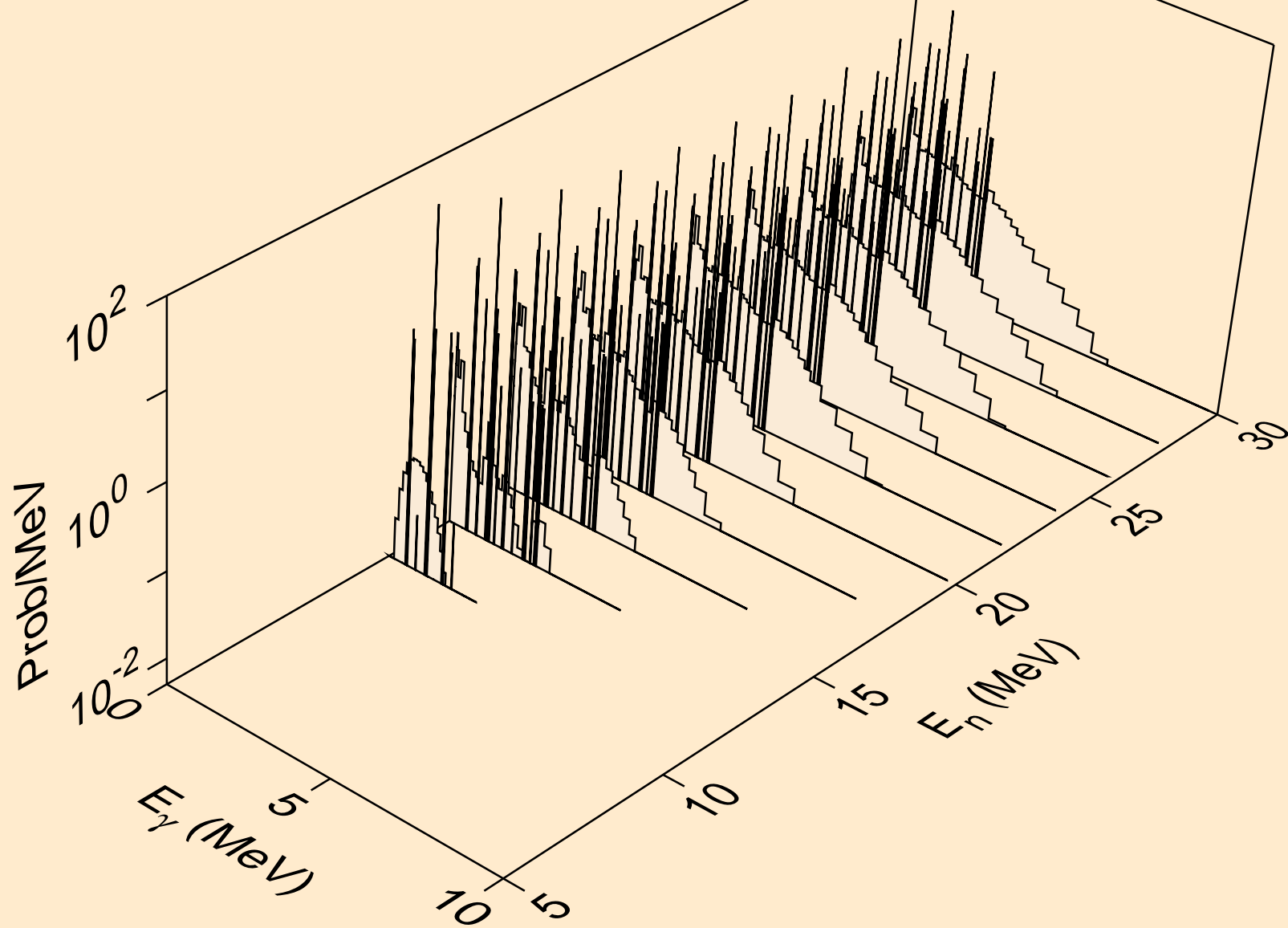


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

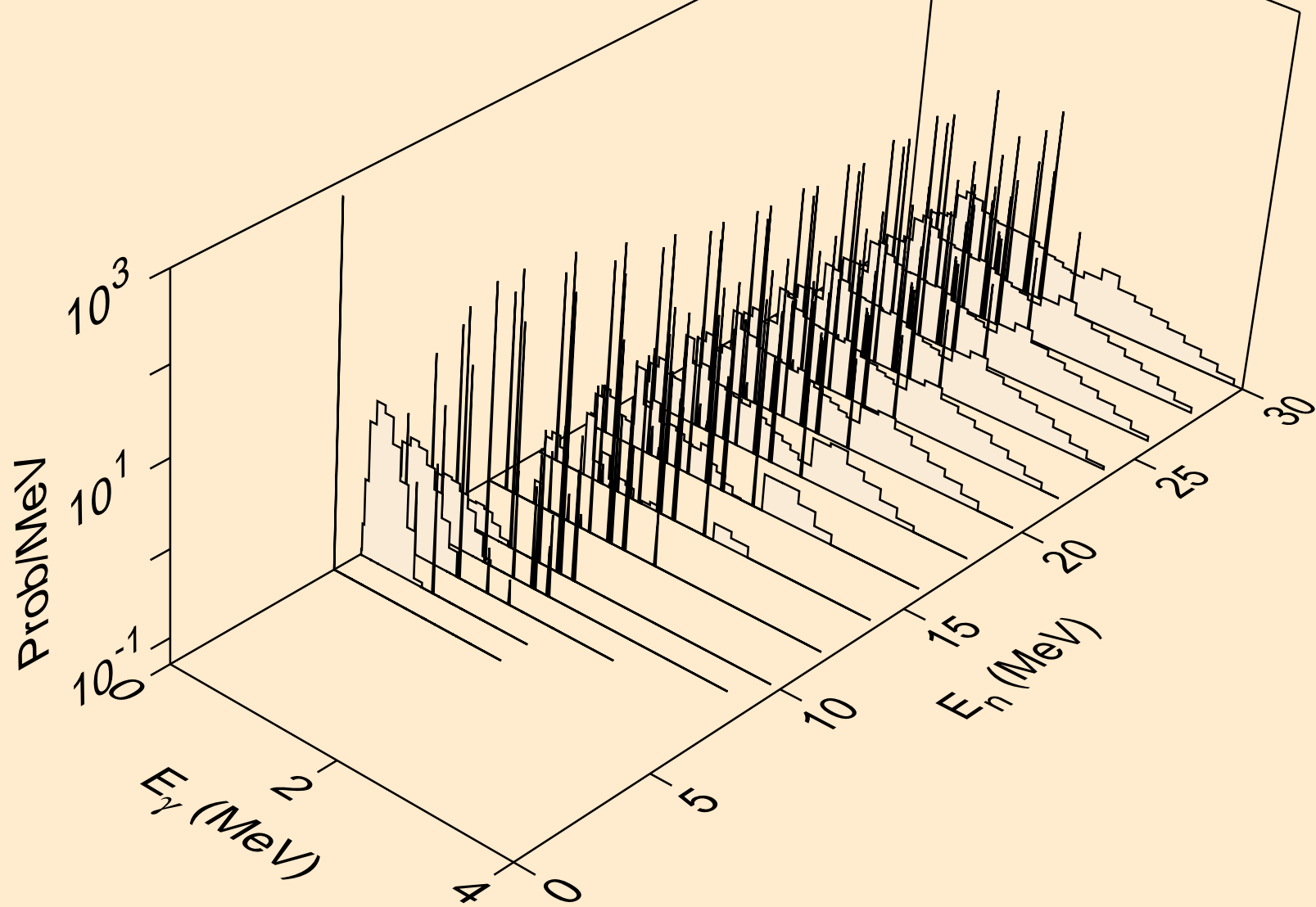




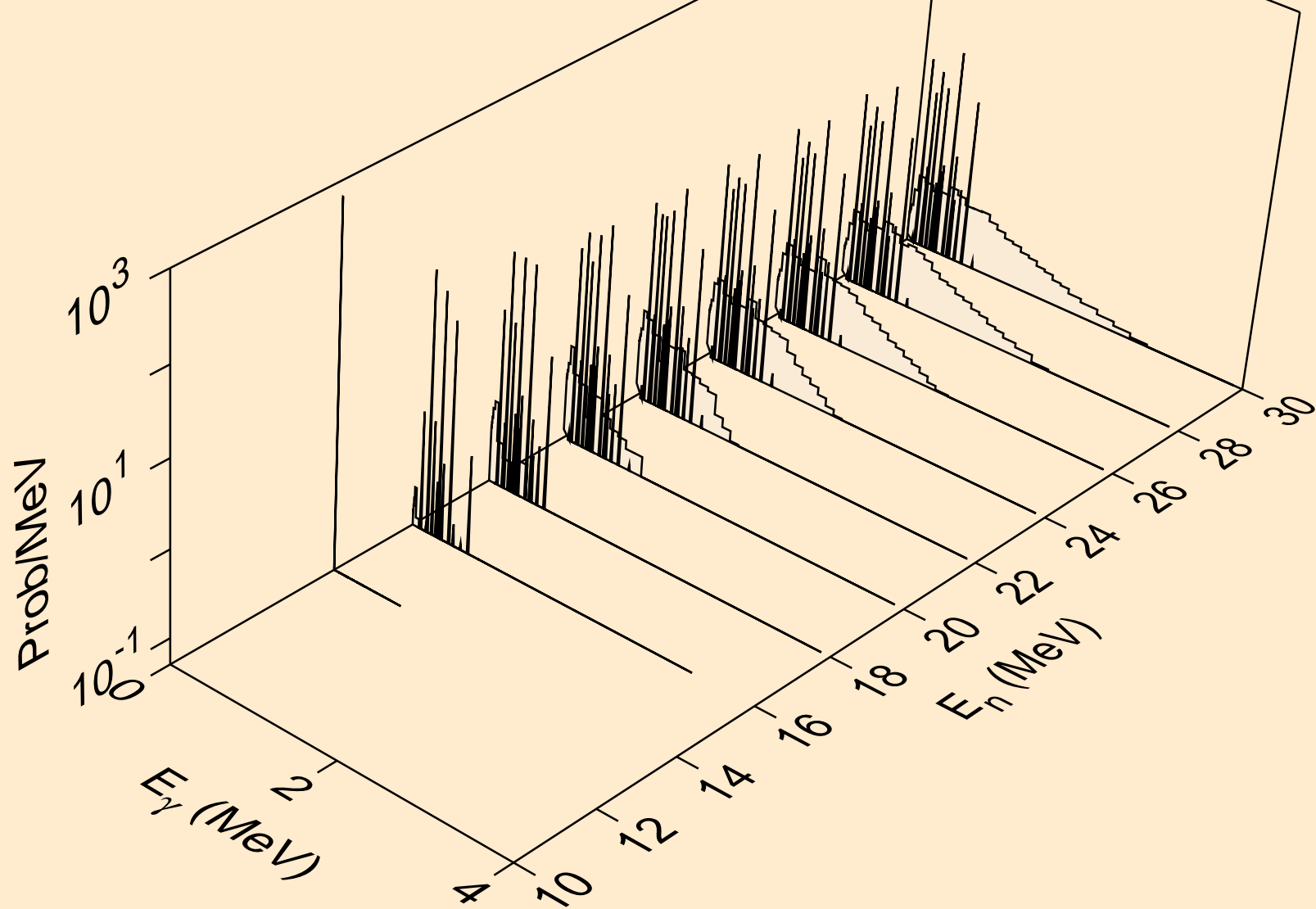
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



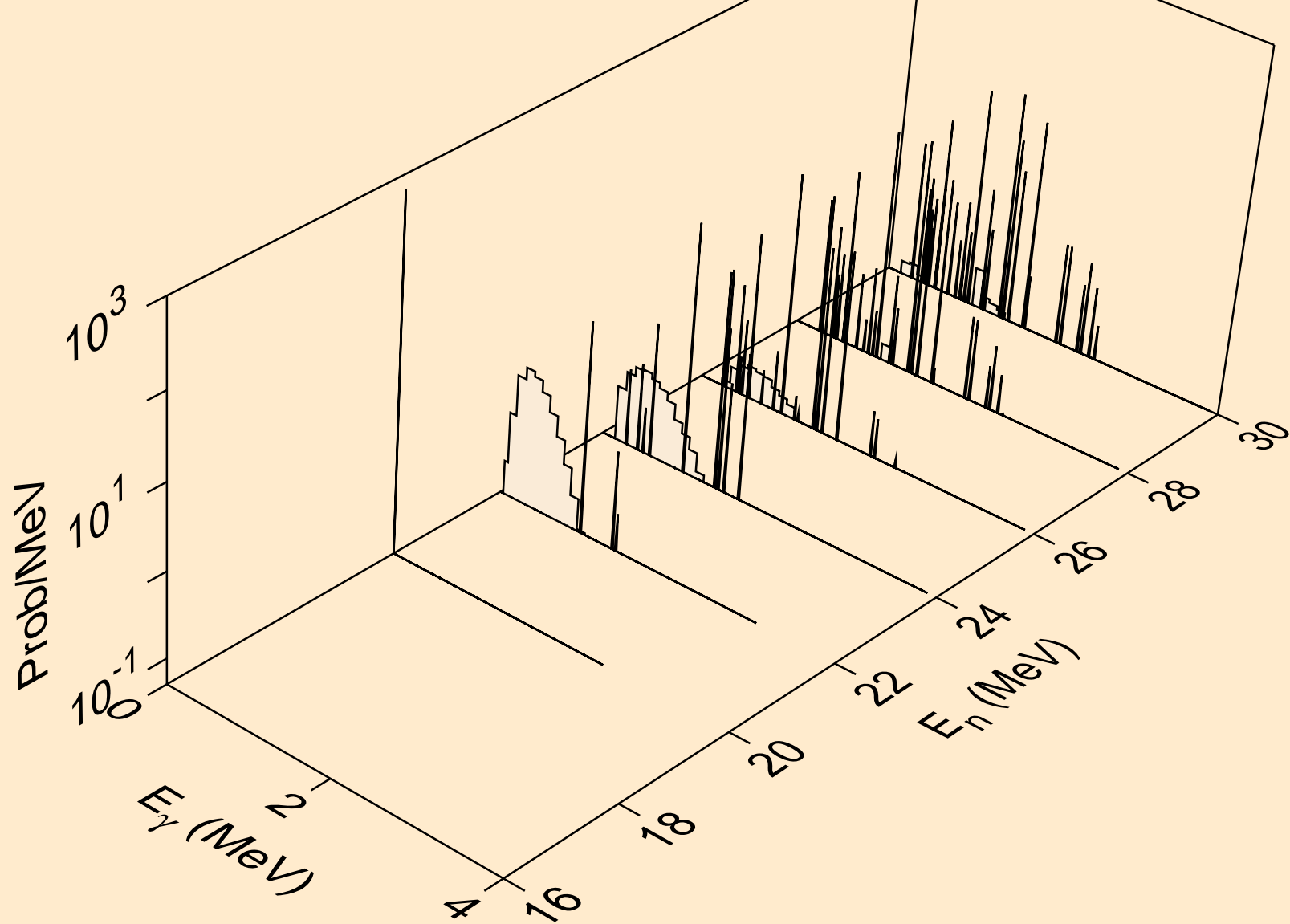
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



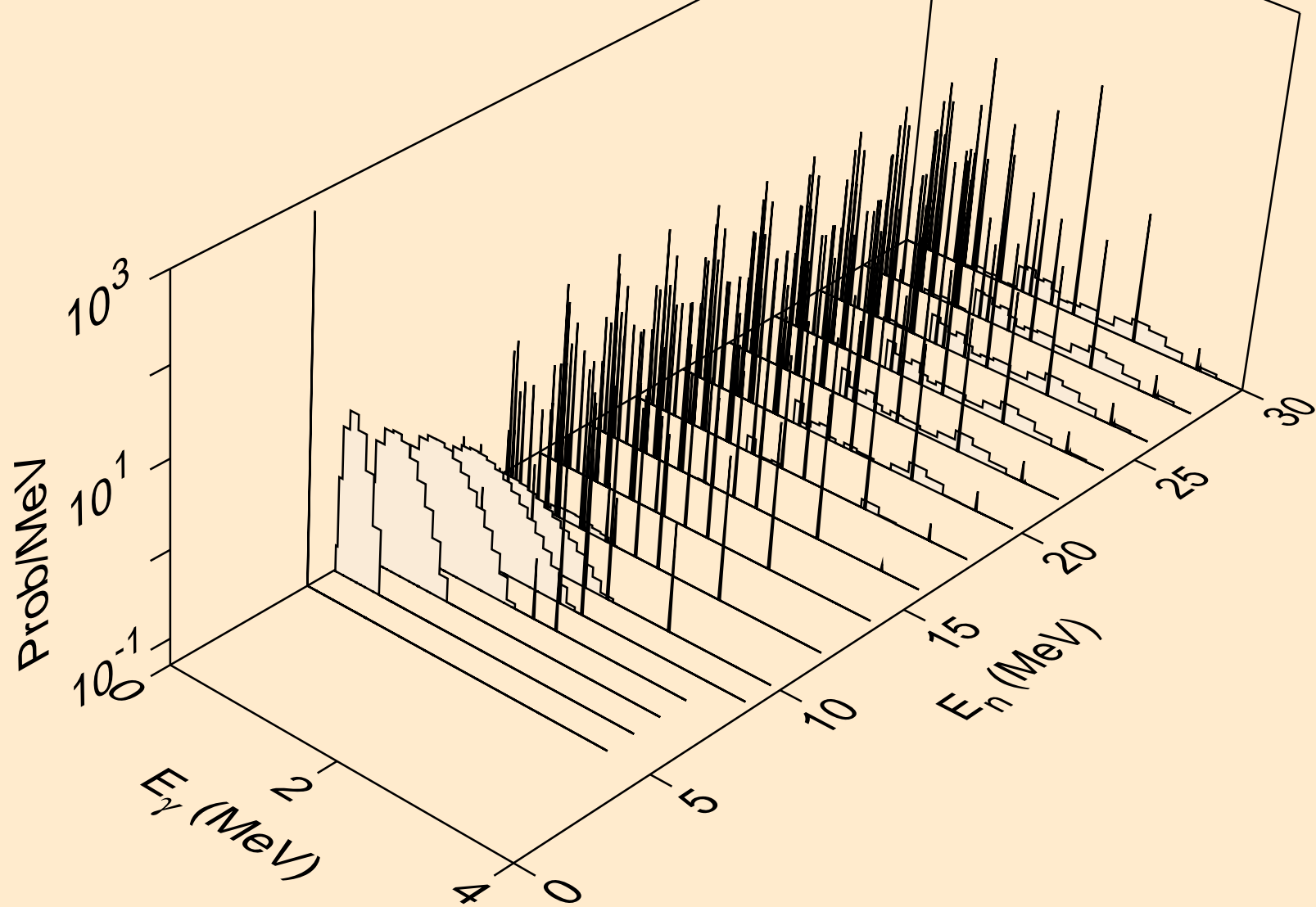
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



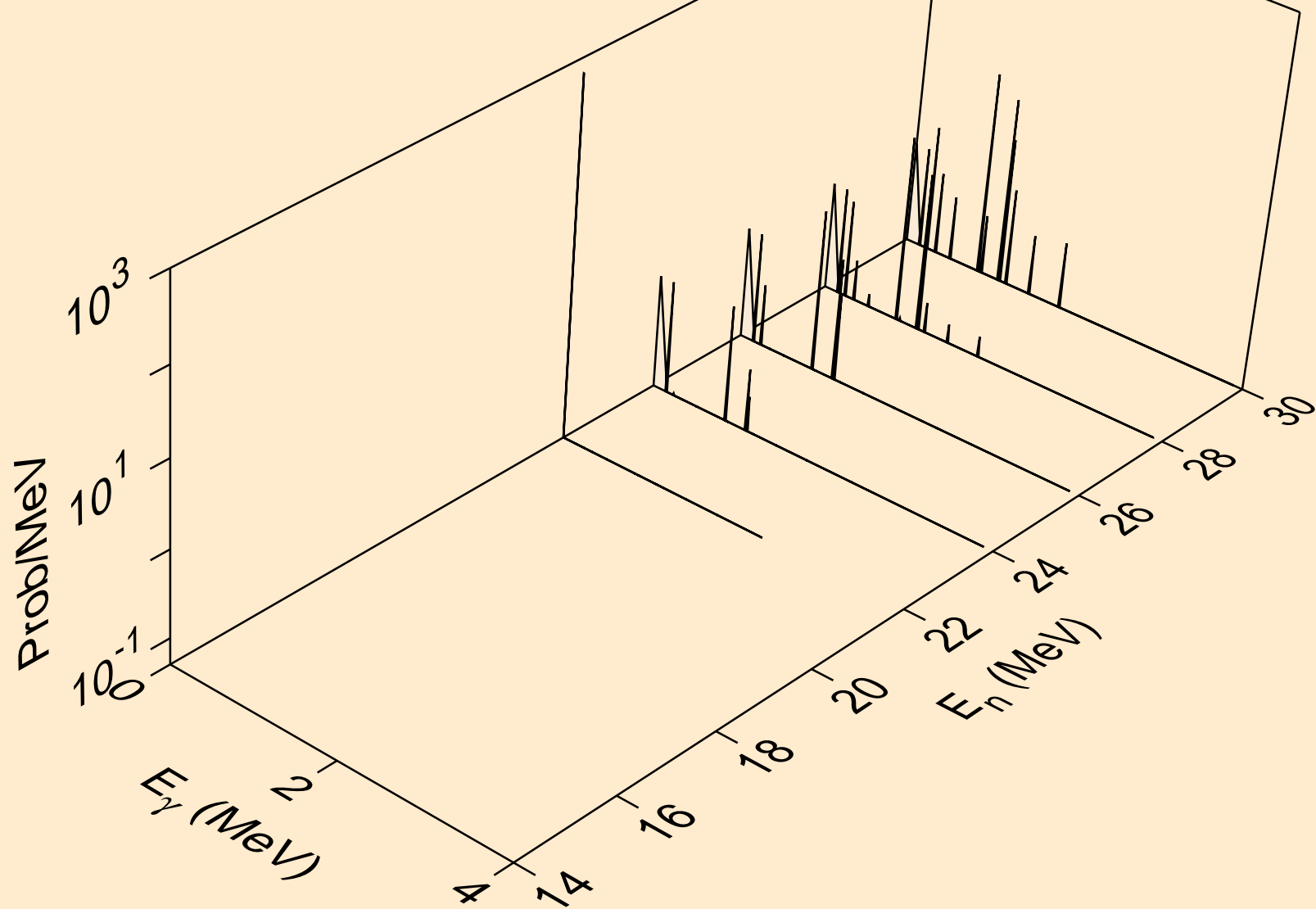
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



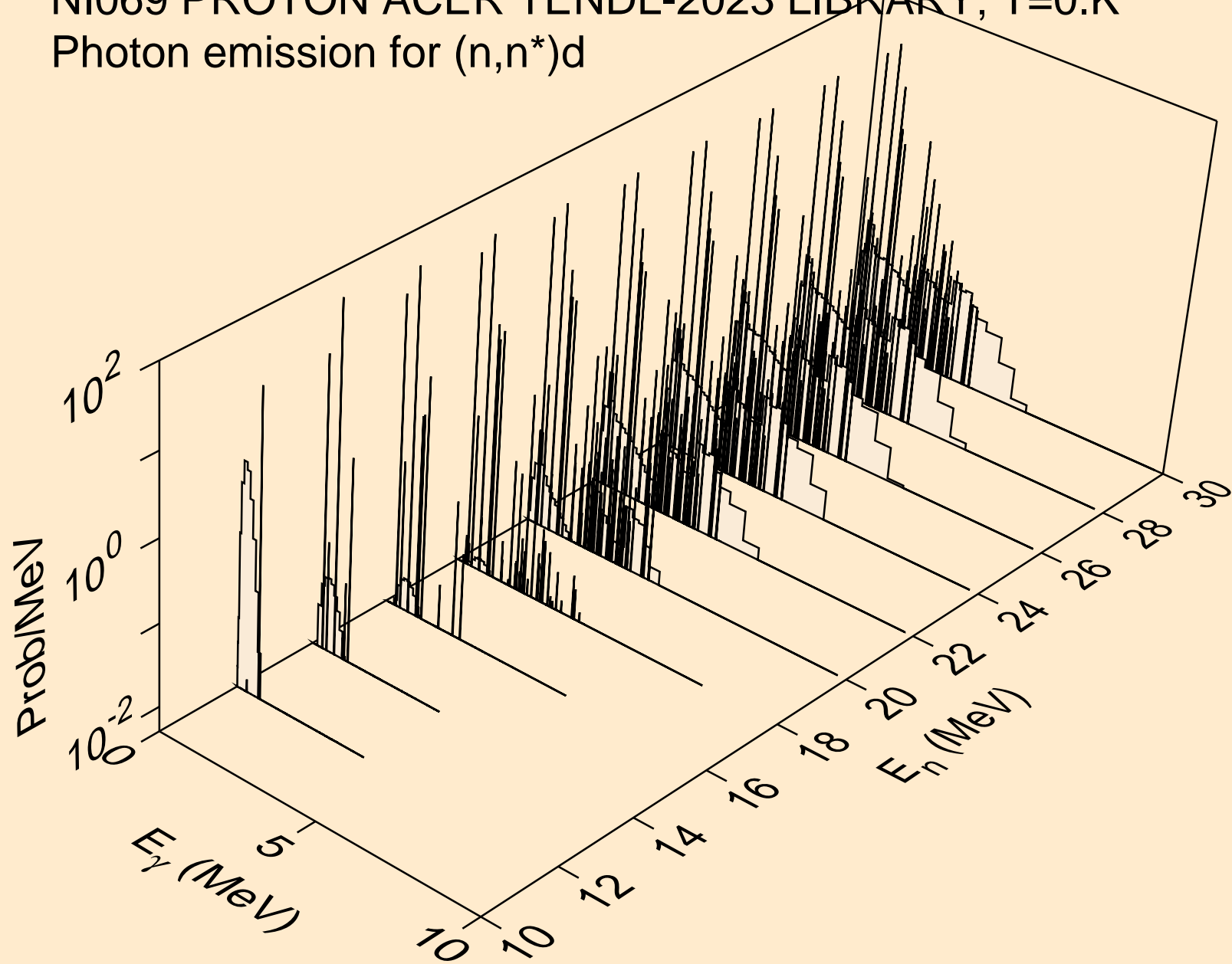
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



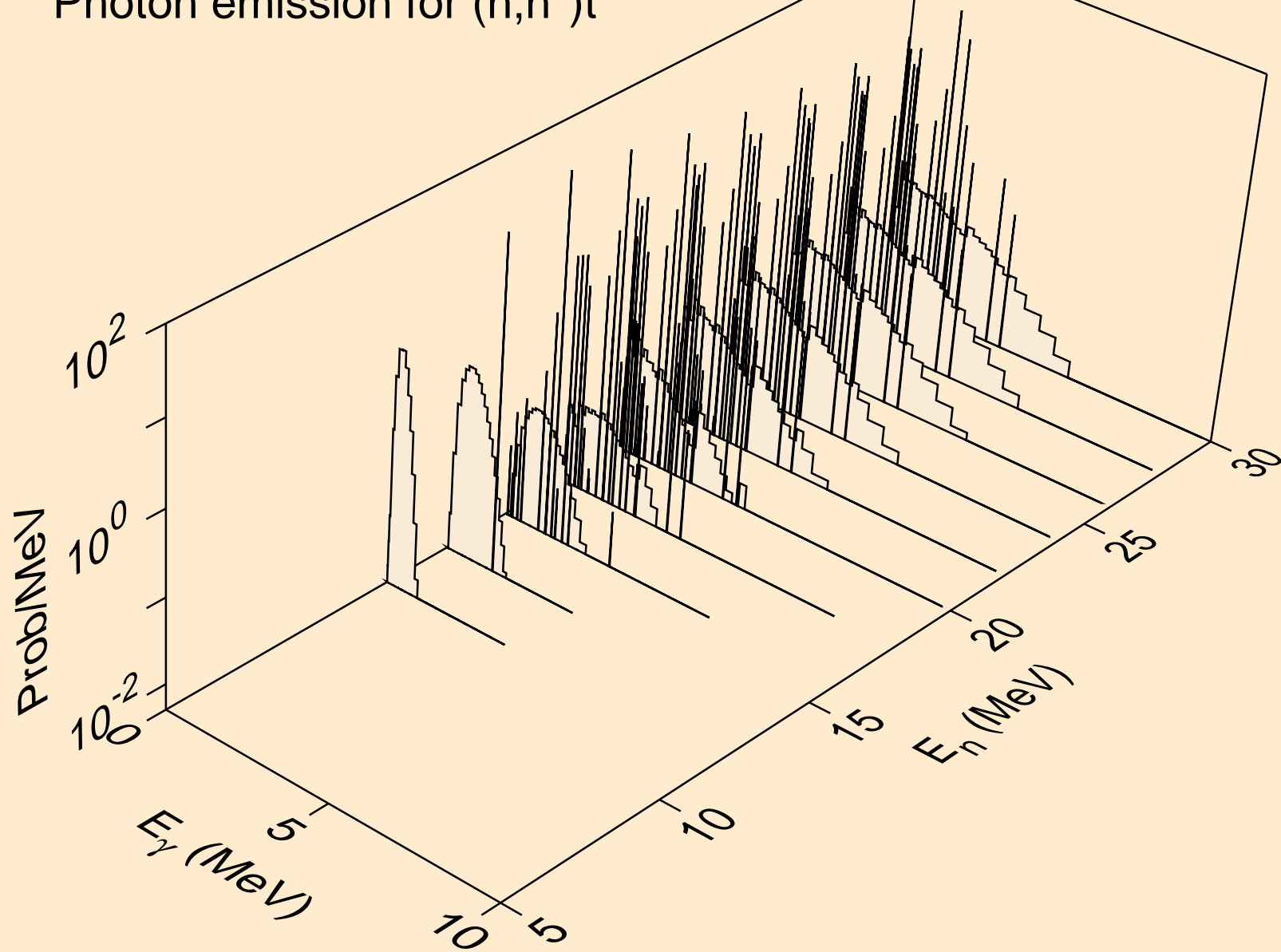
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

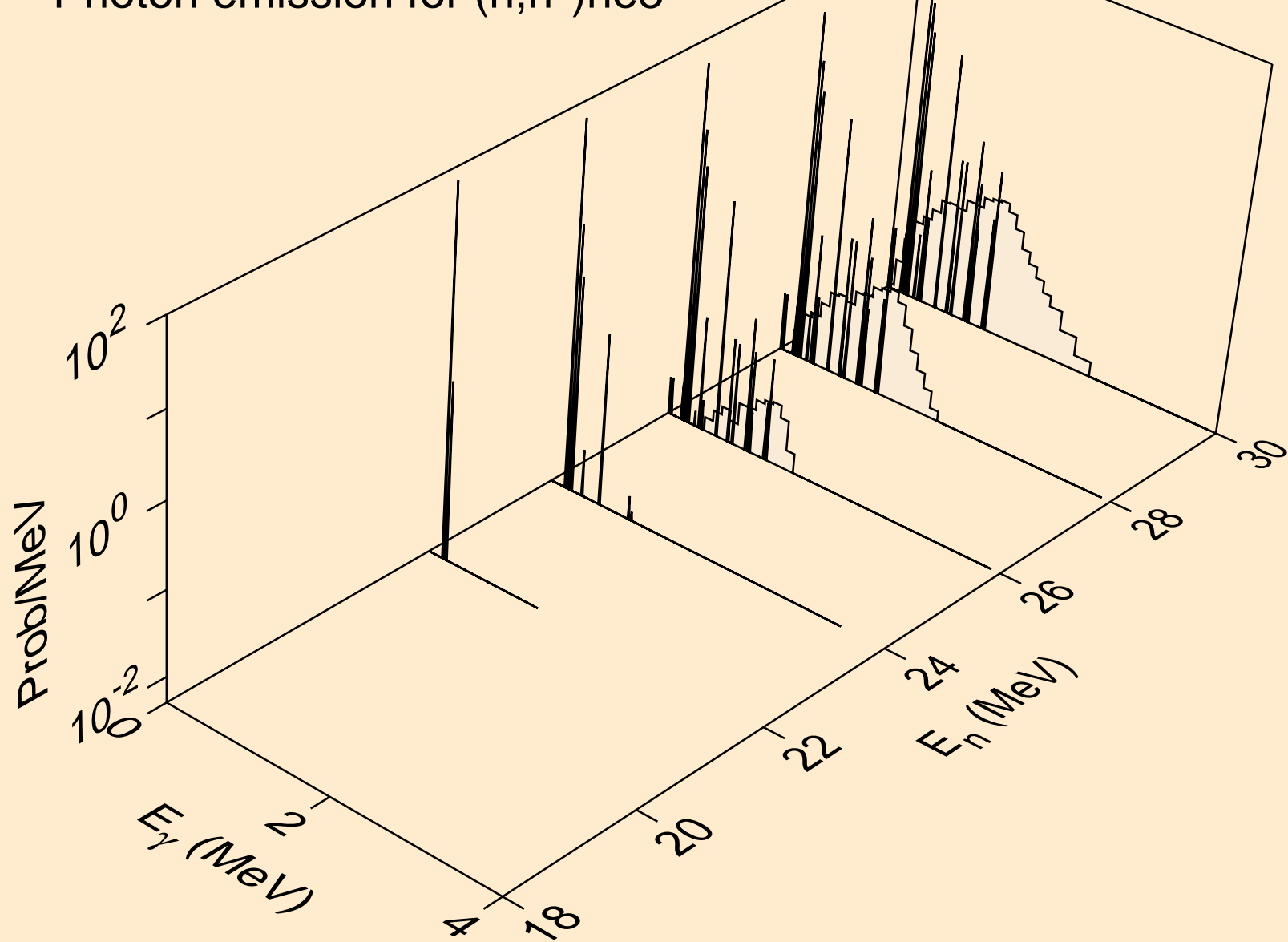


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

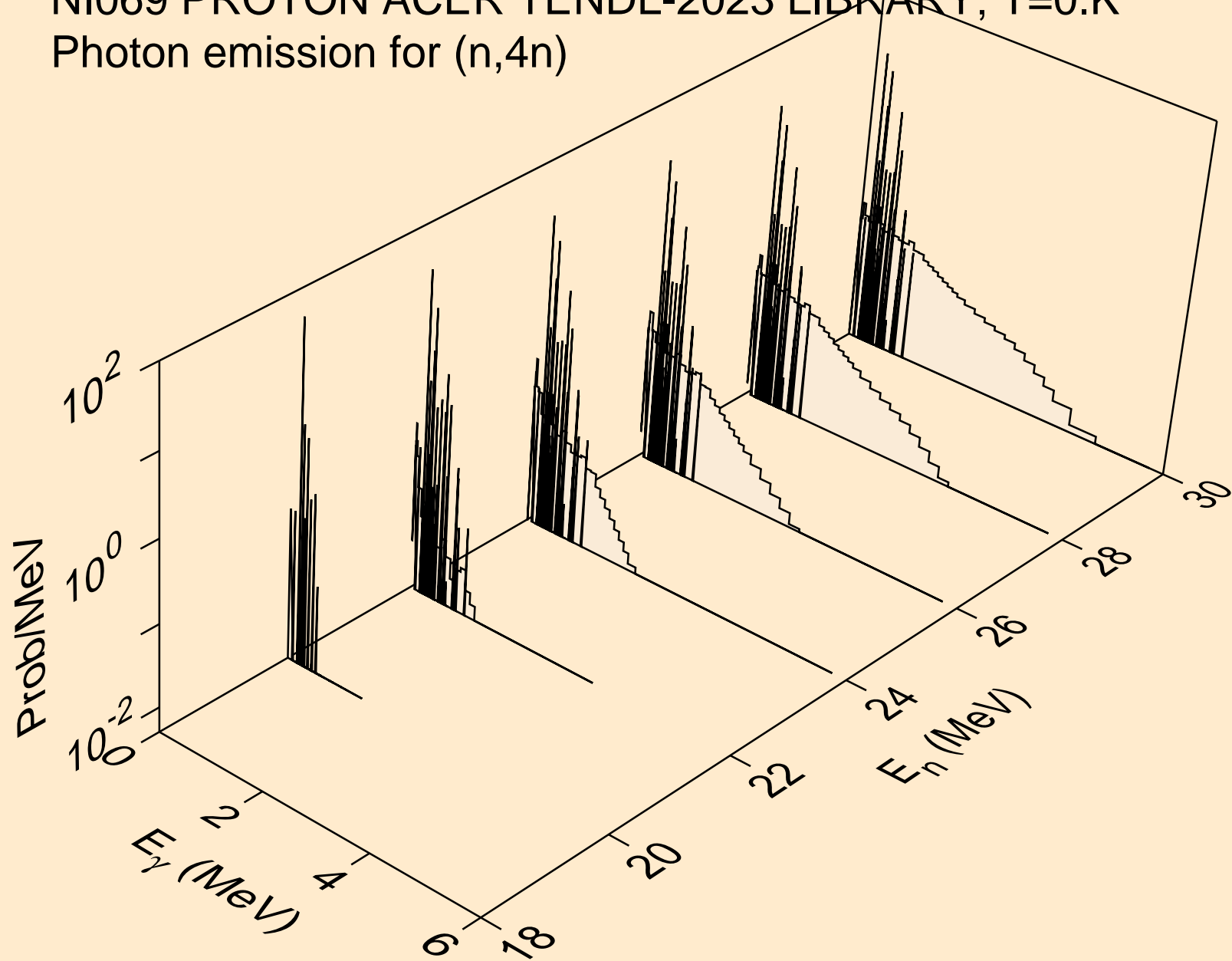




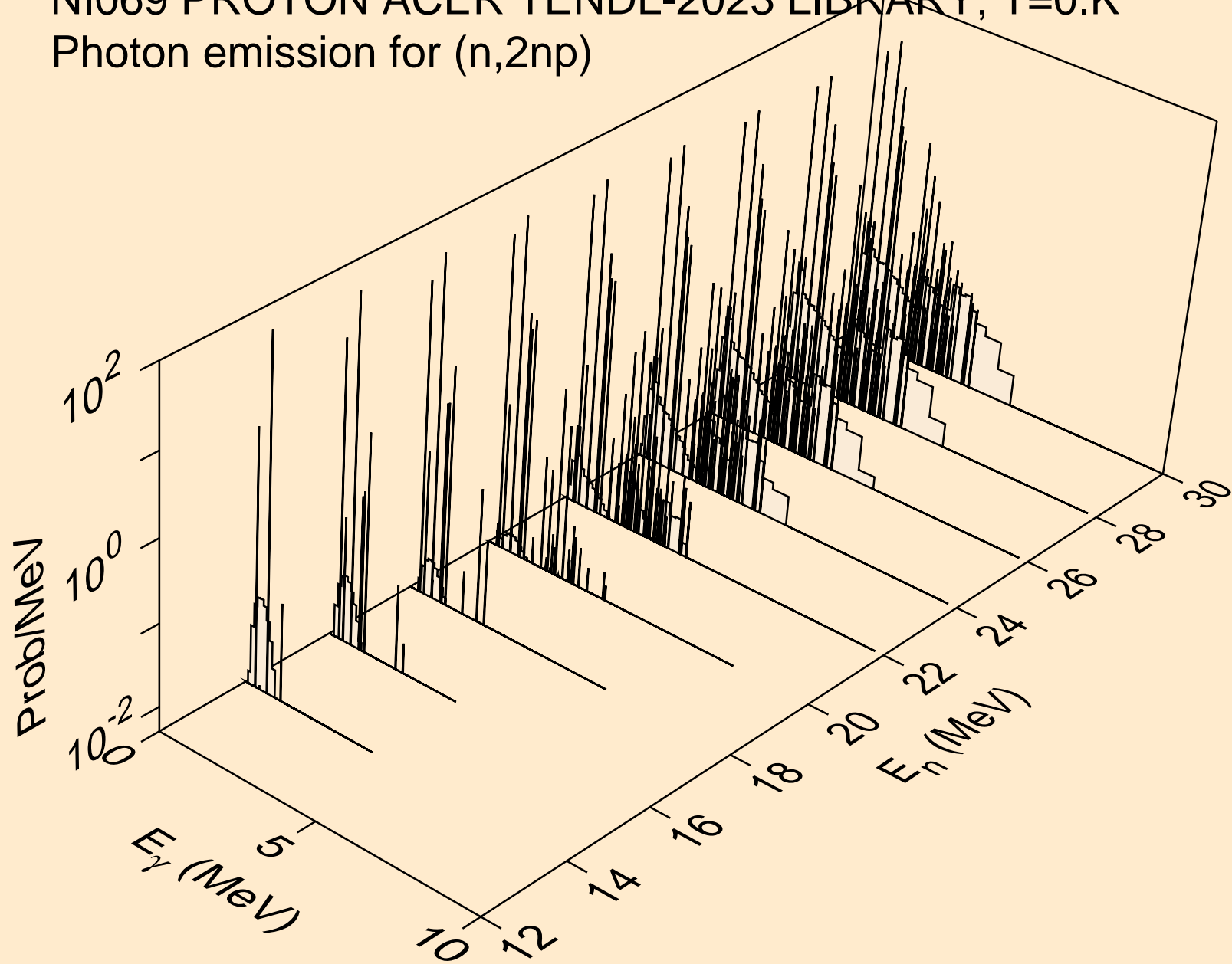
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



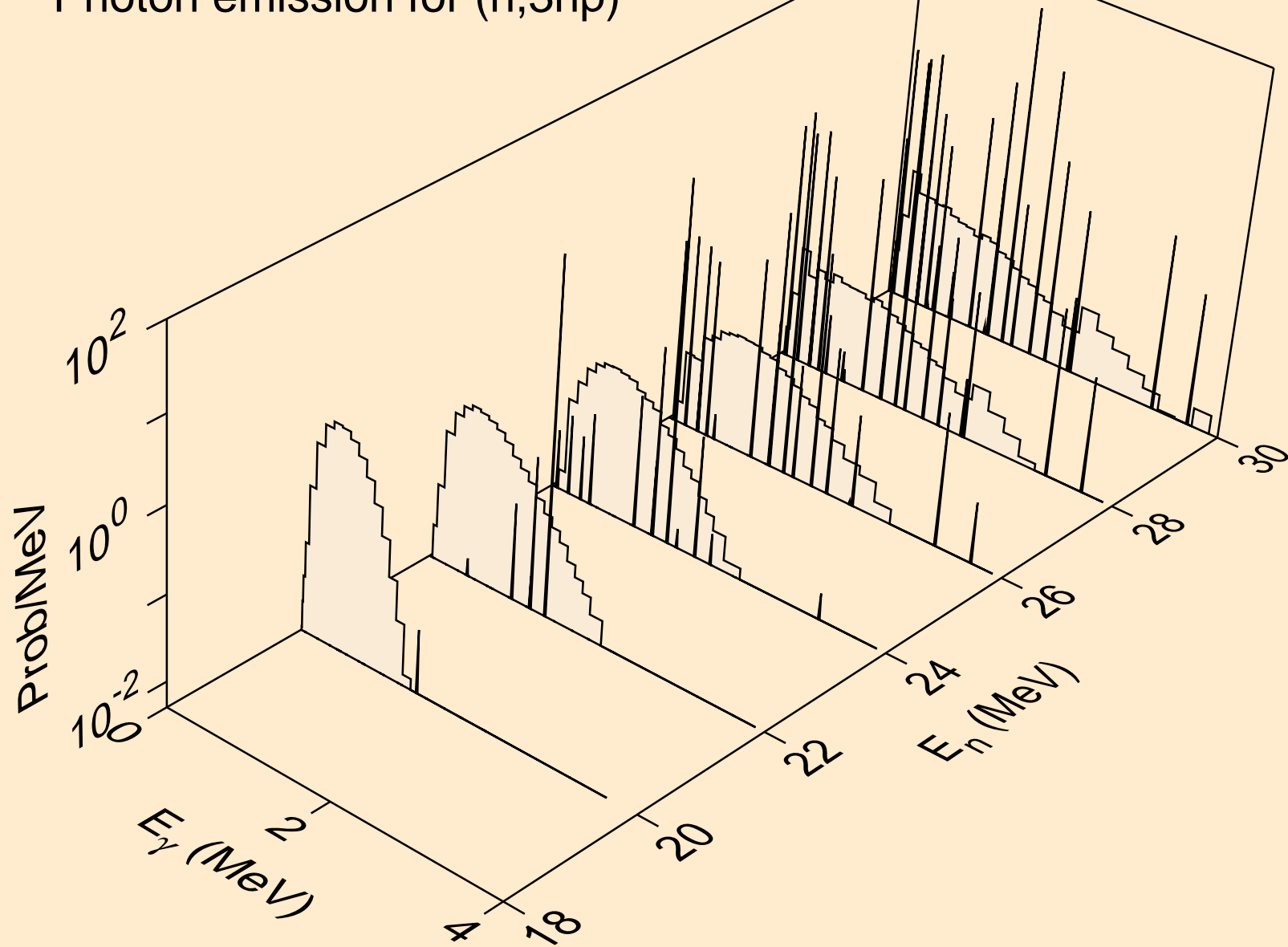
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



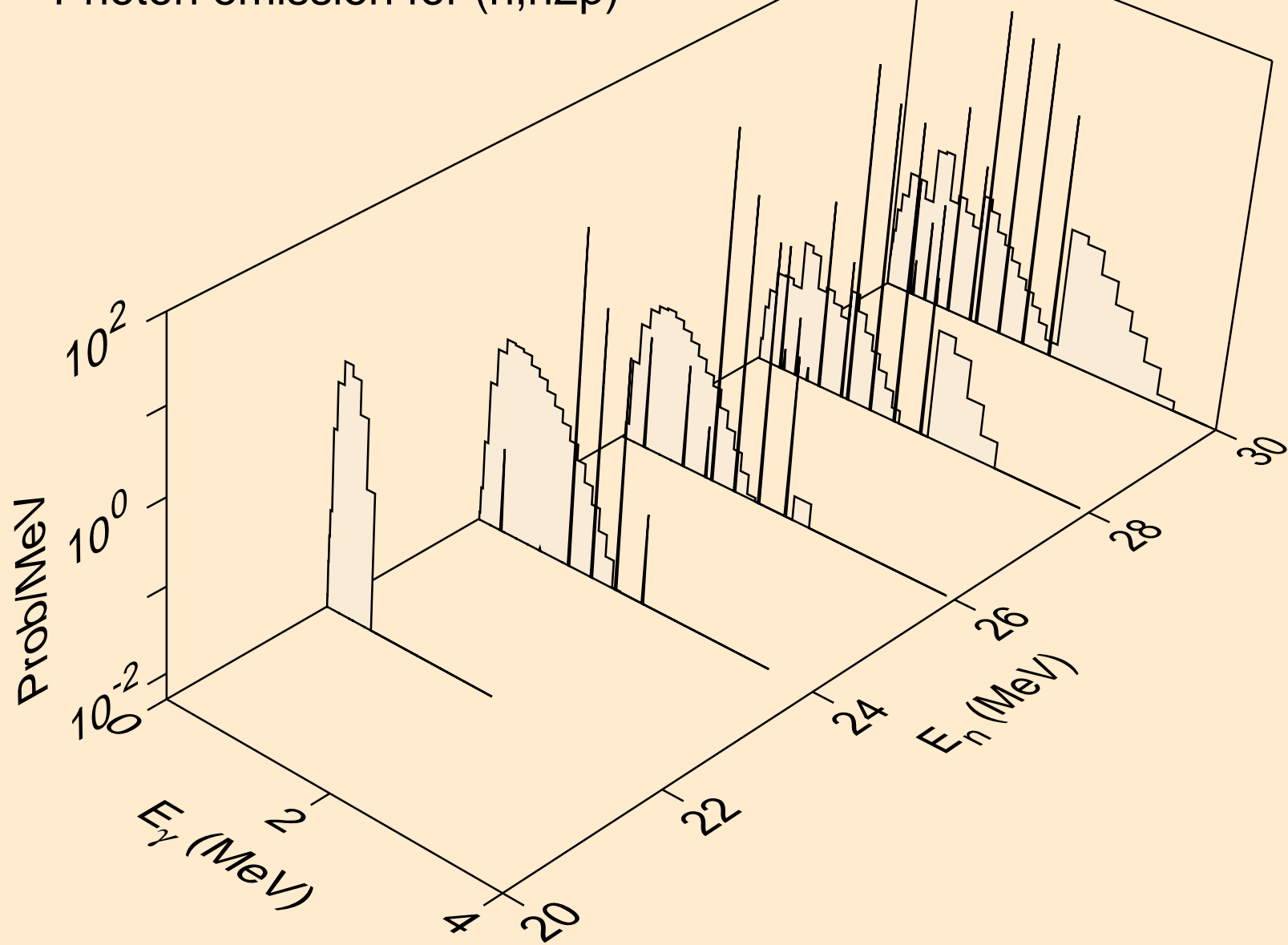
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Photon emission for (n,2np)



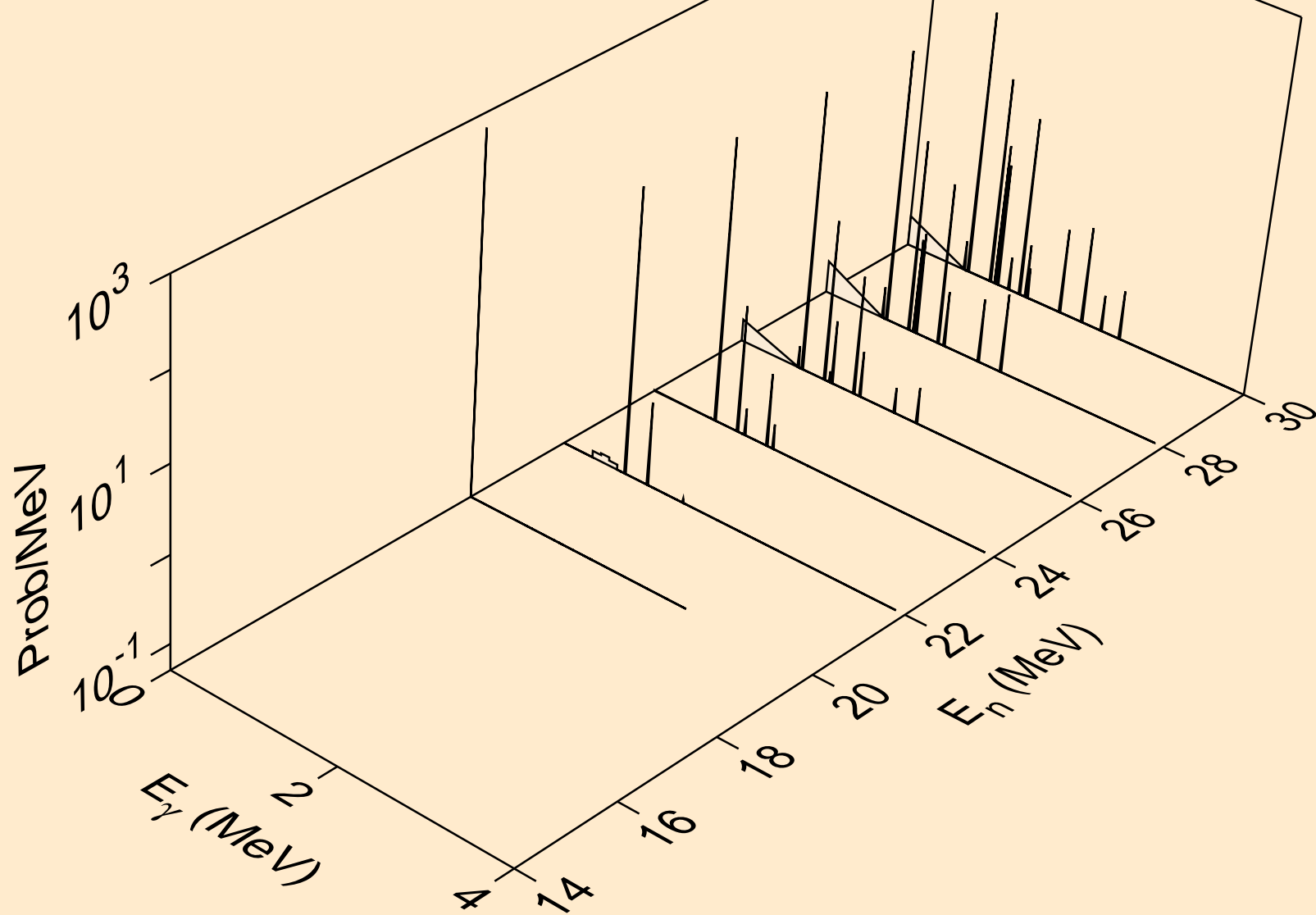
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Photon emission for (n,3np)



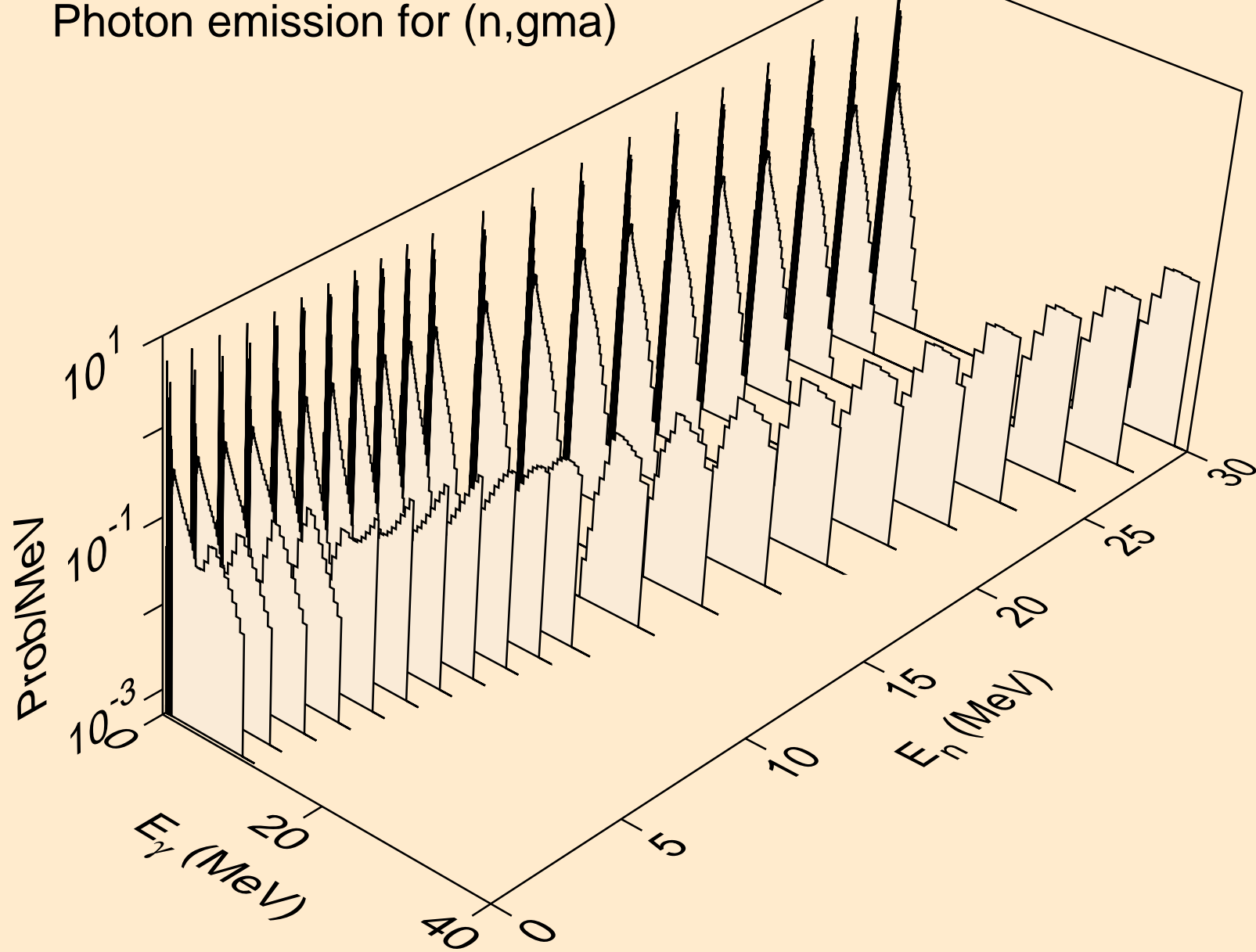
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



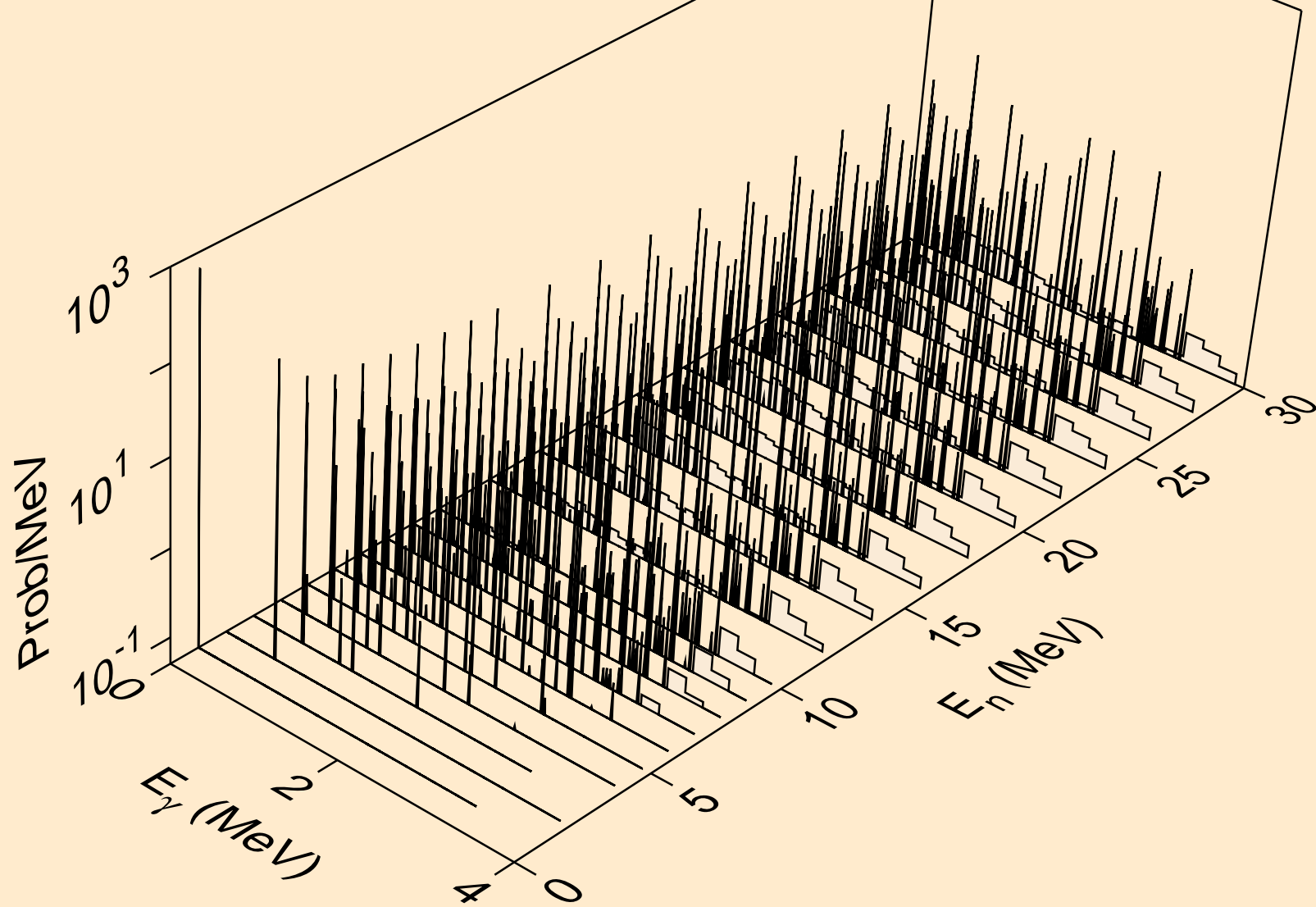
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

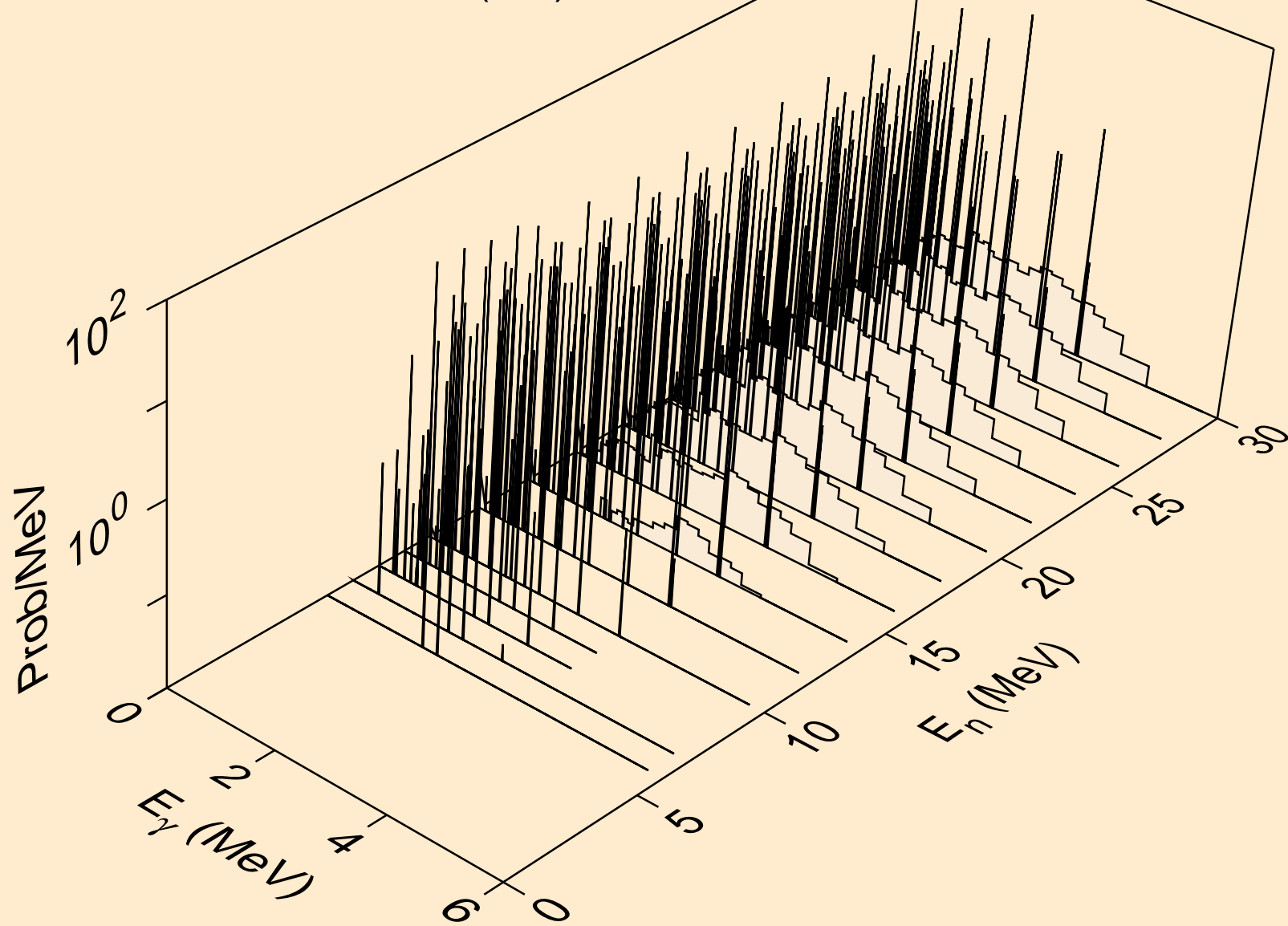


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

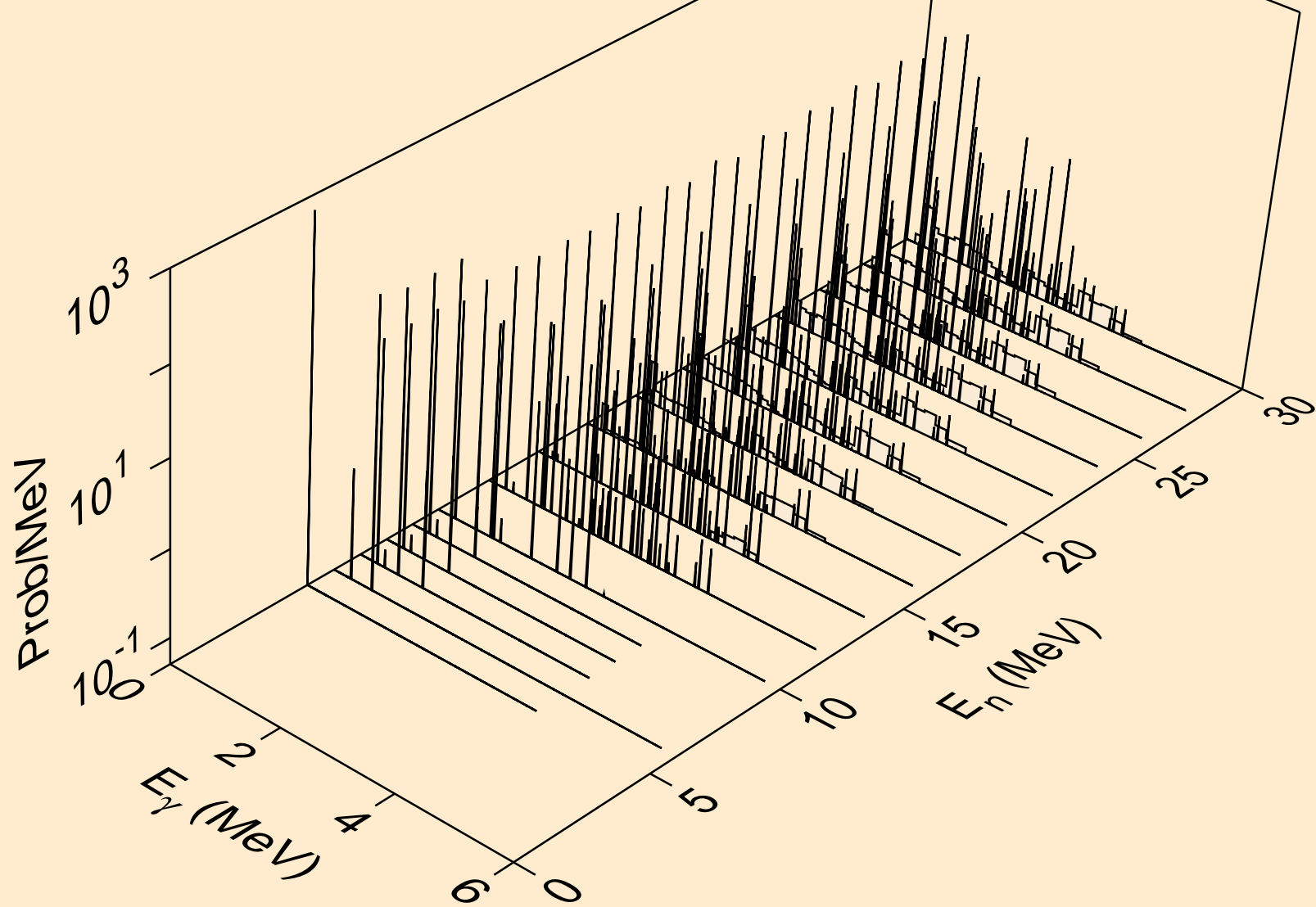




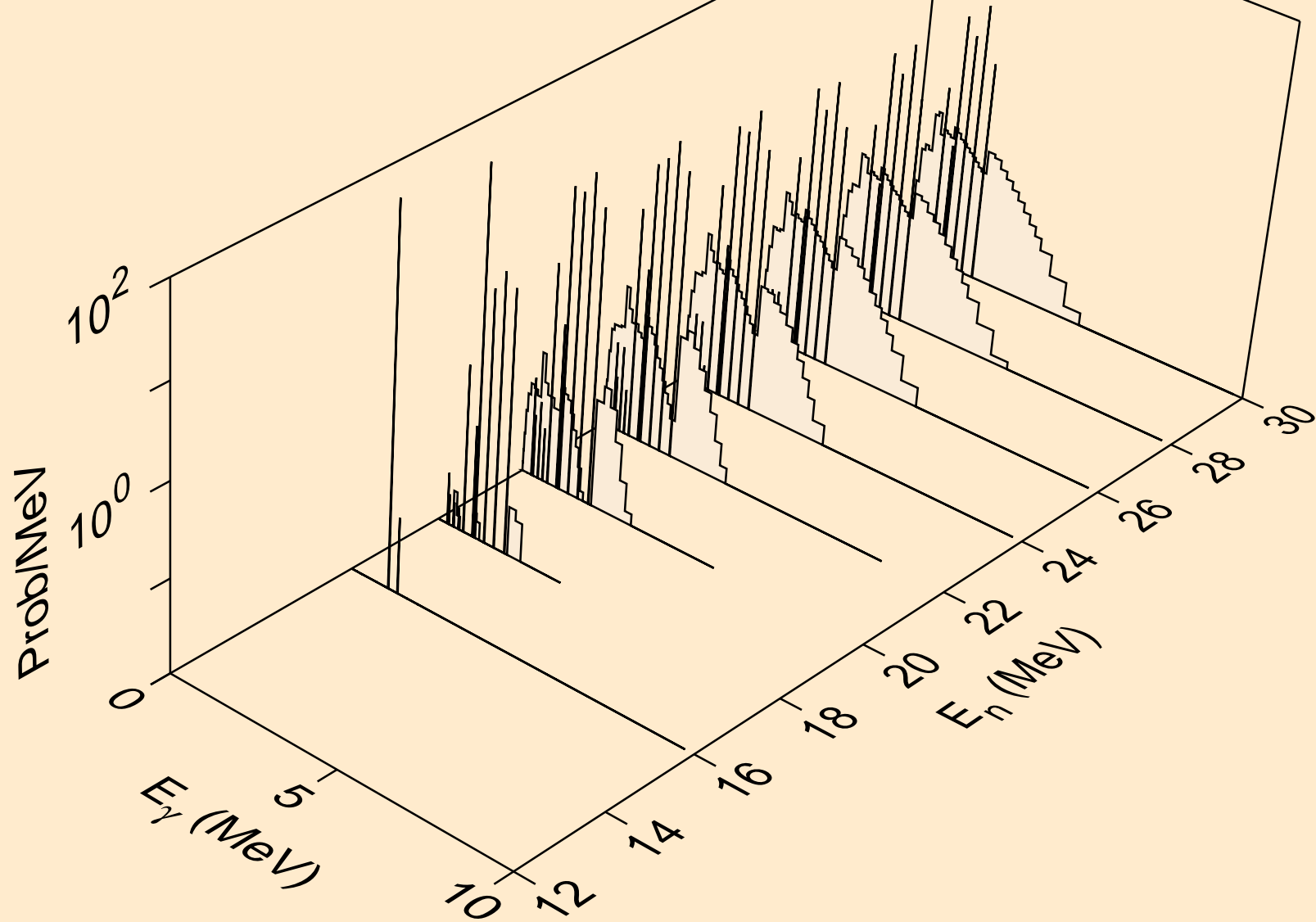
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



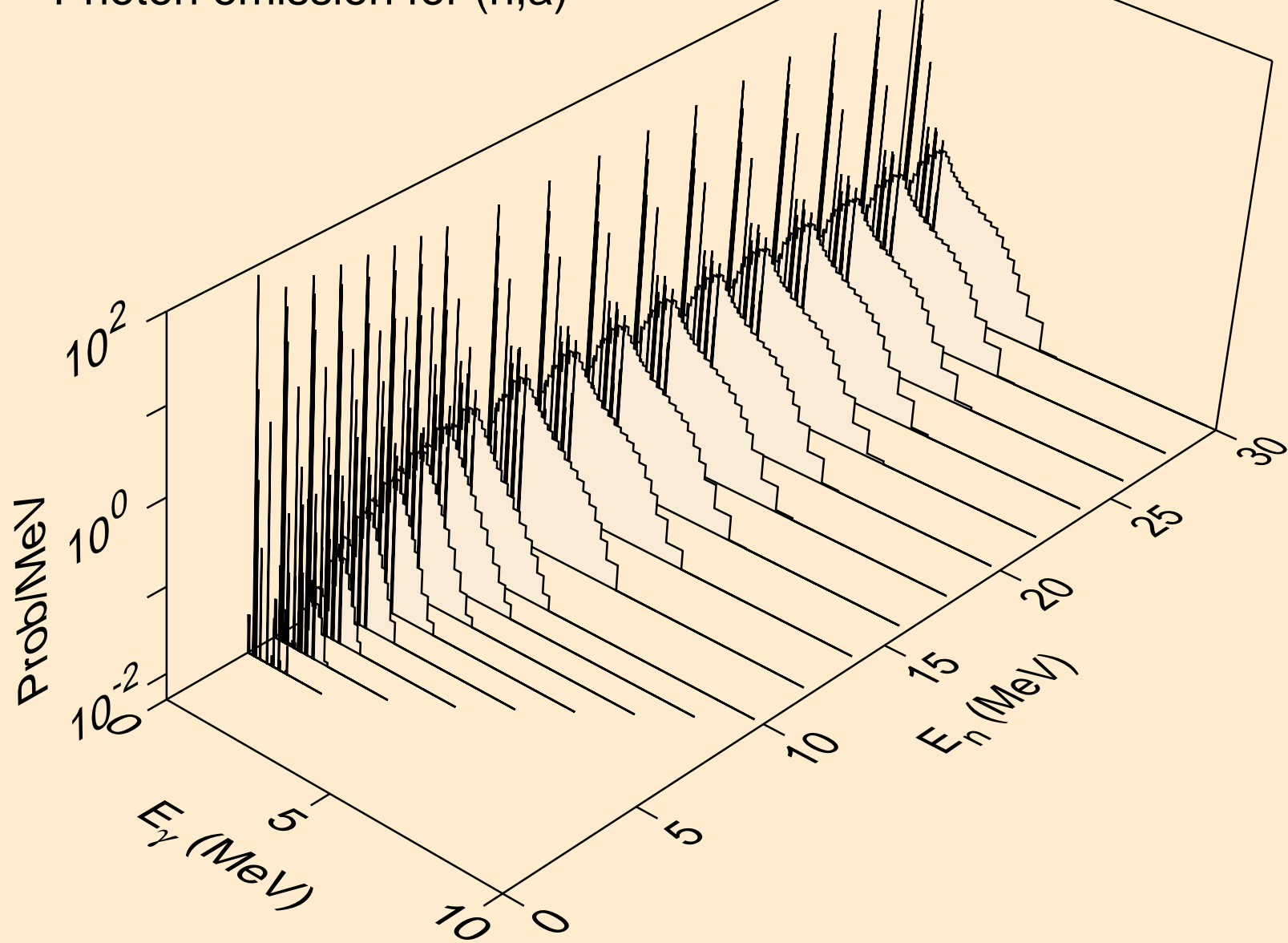
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



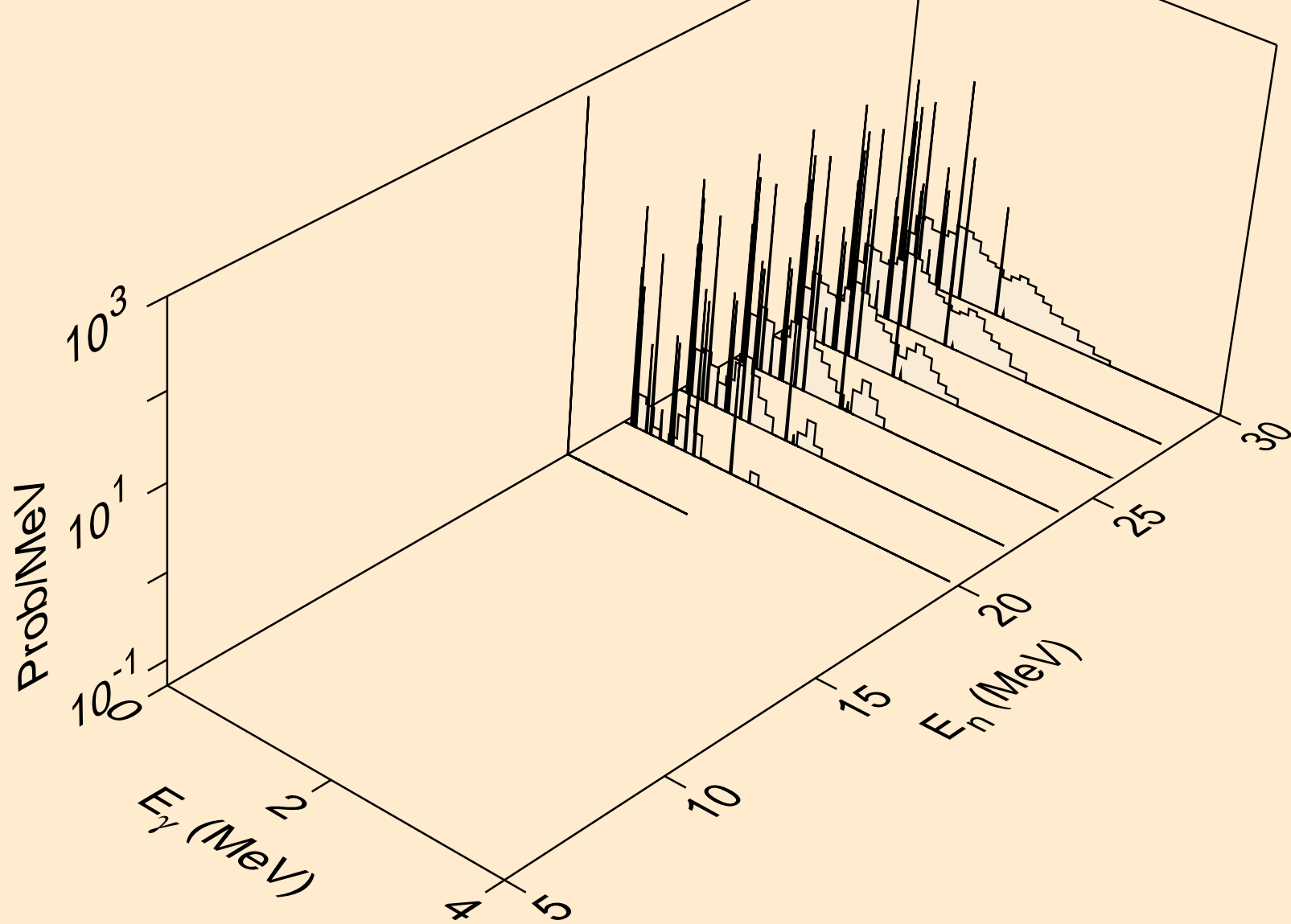
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



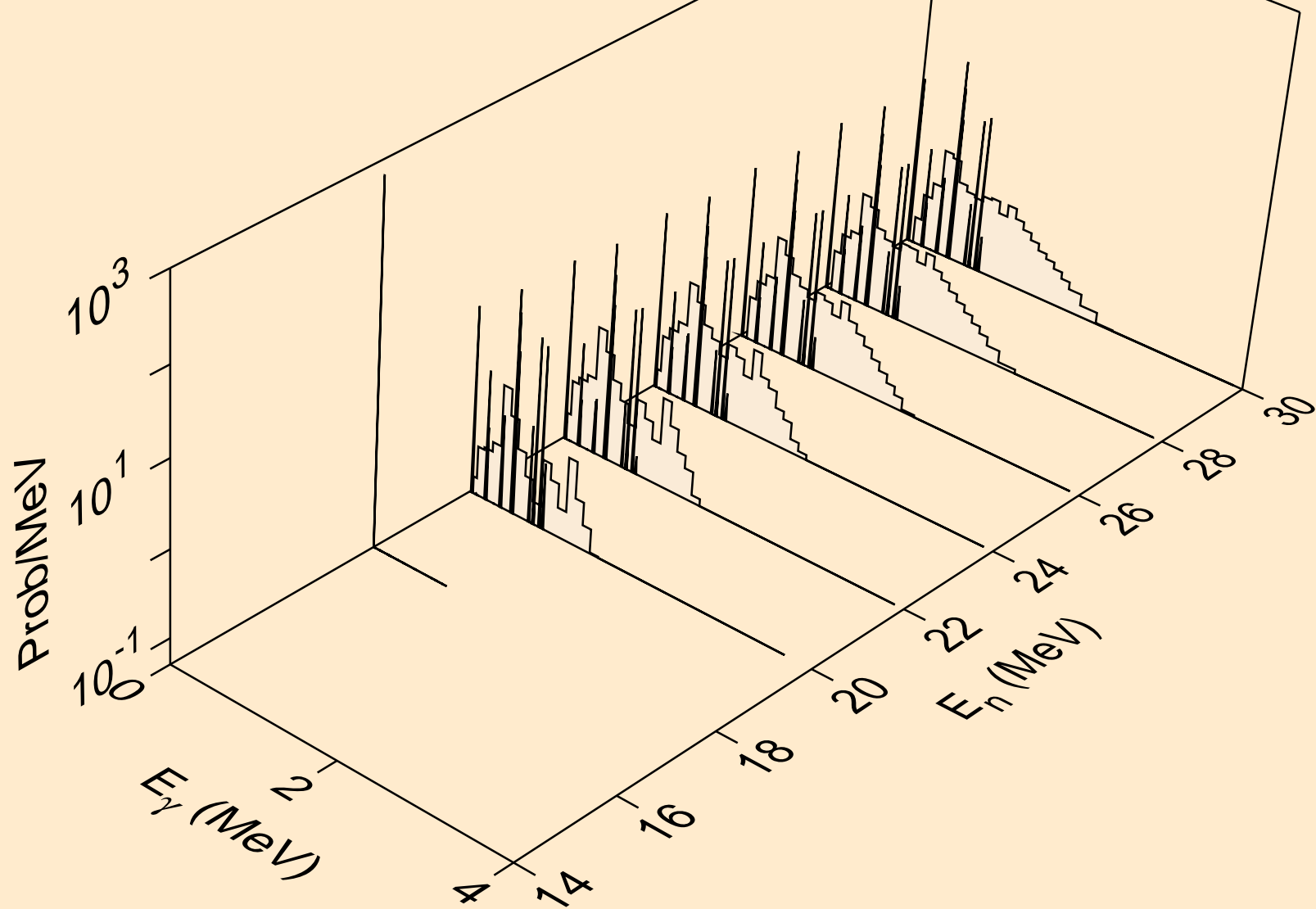
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



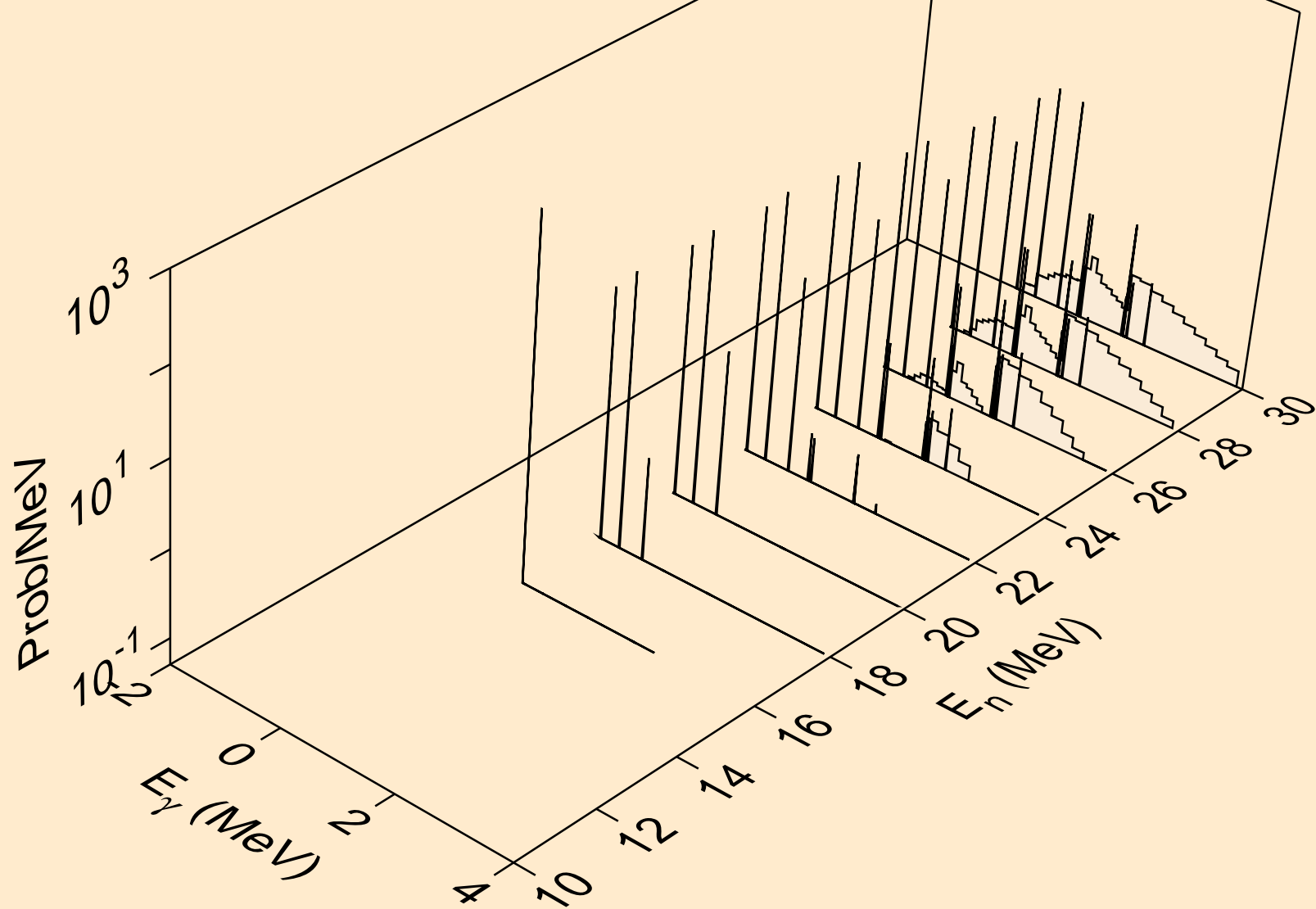
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



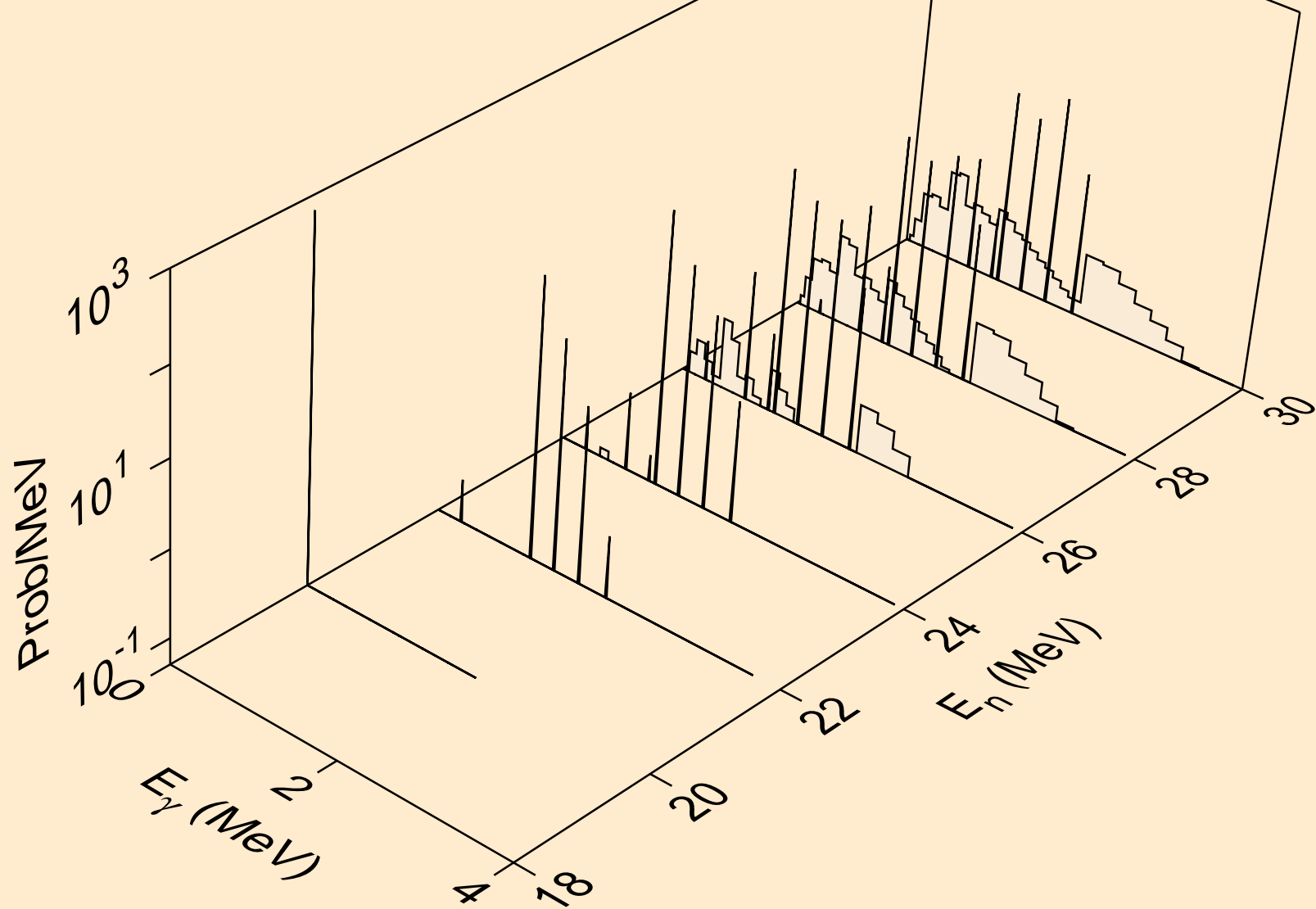
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

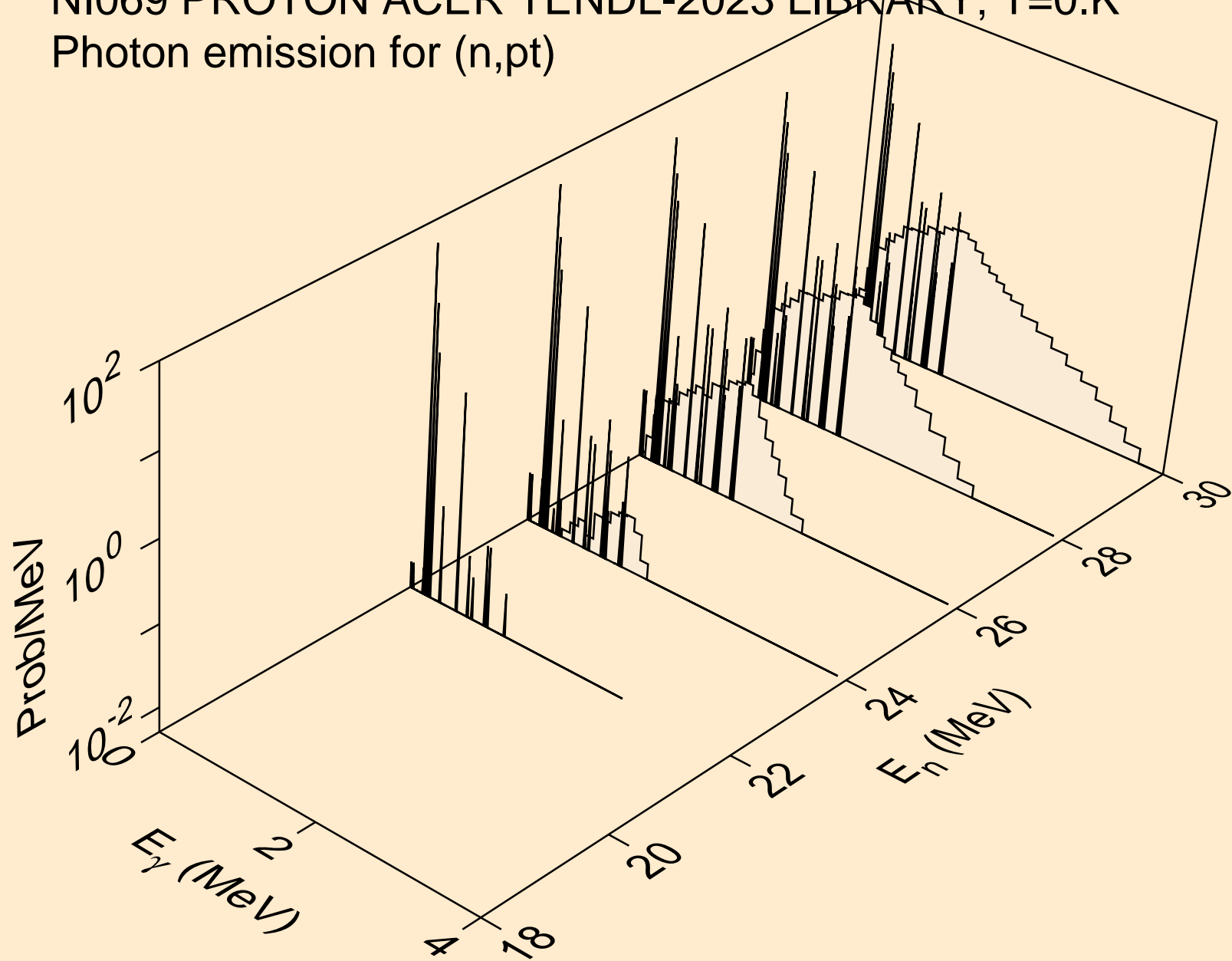


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

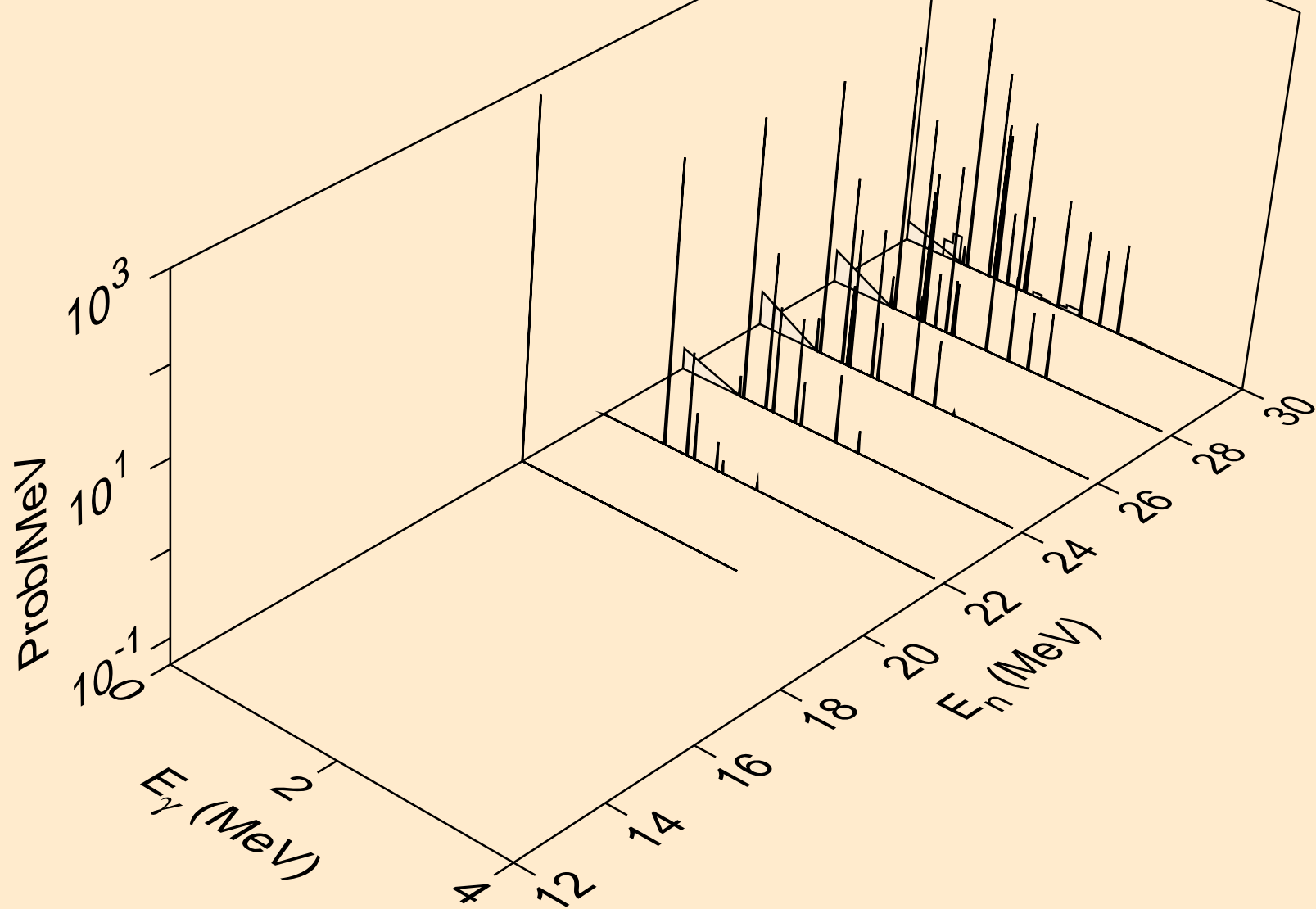




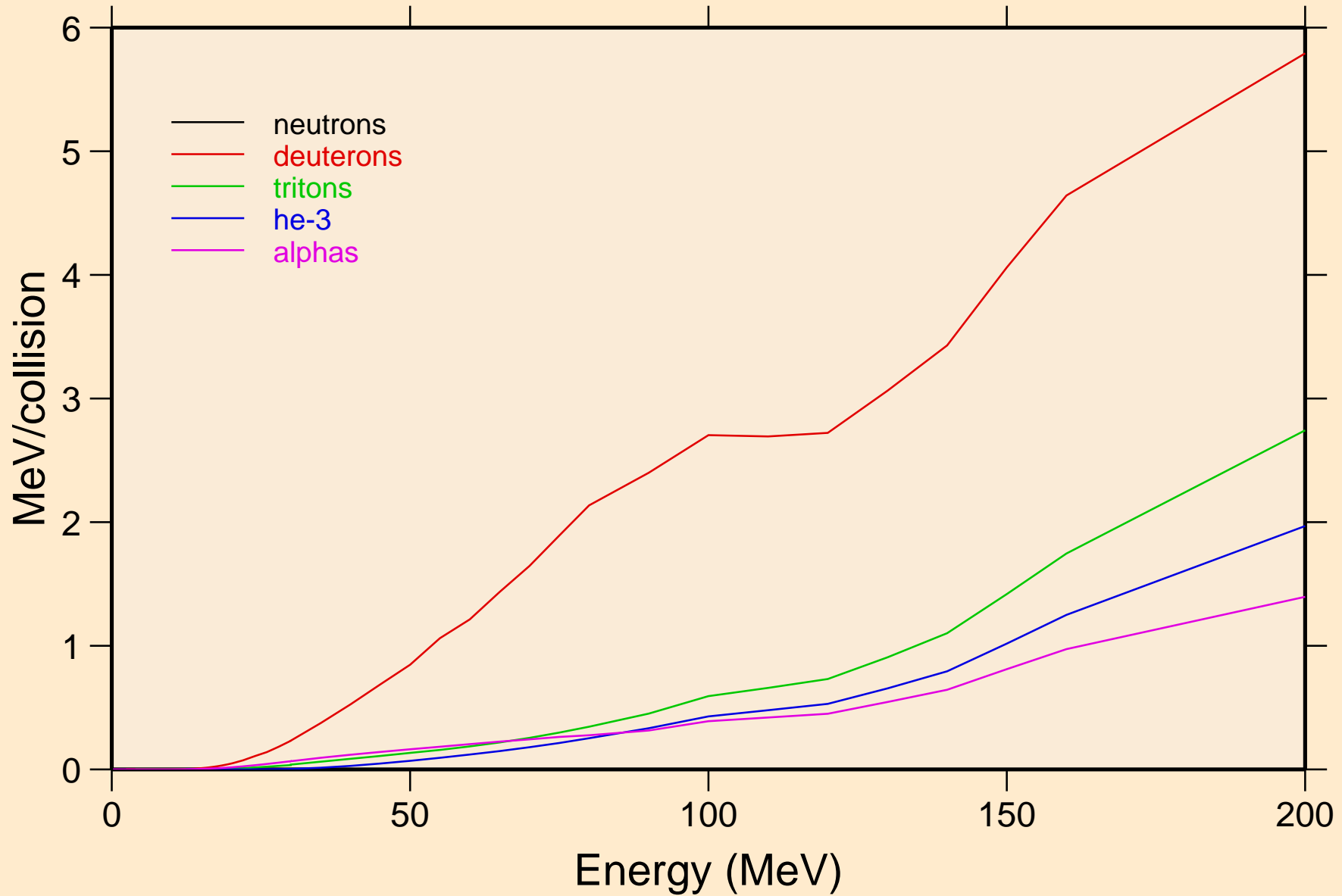
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

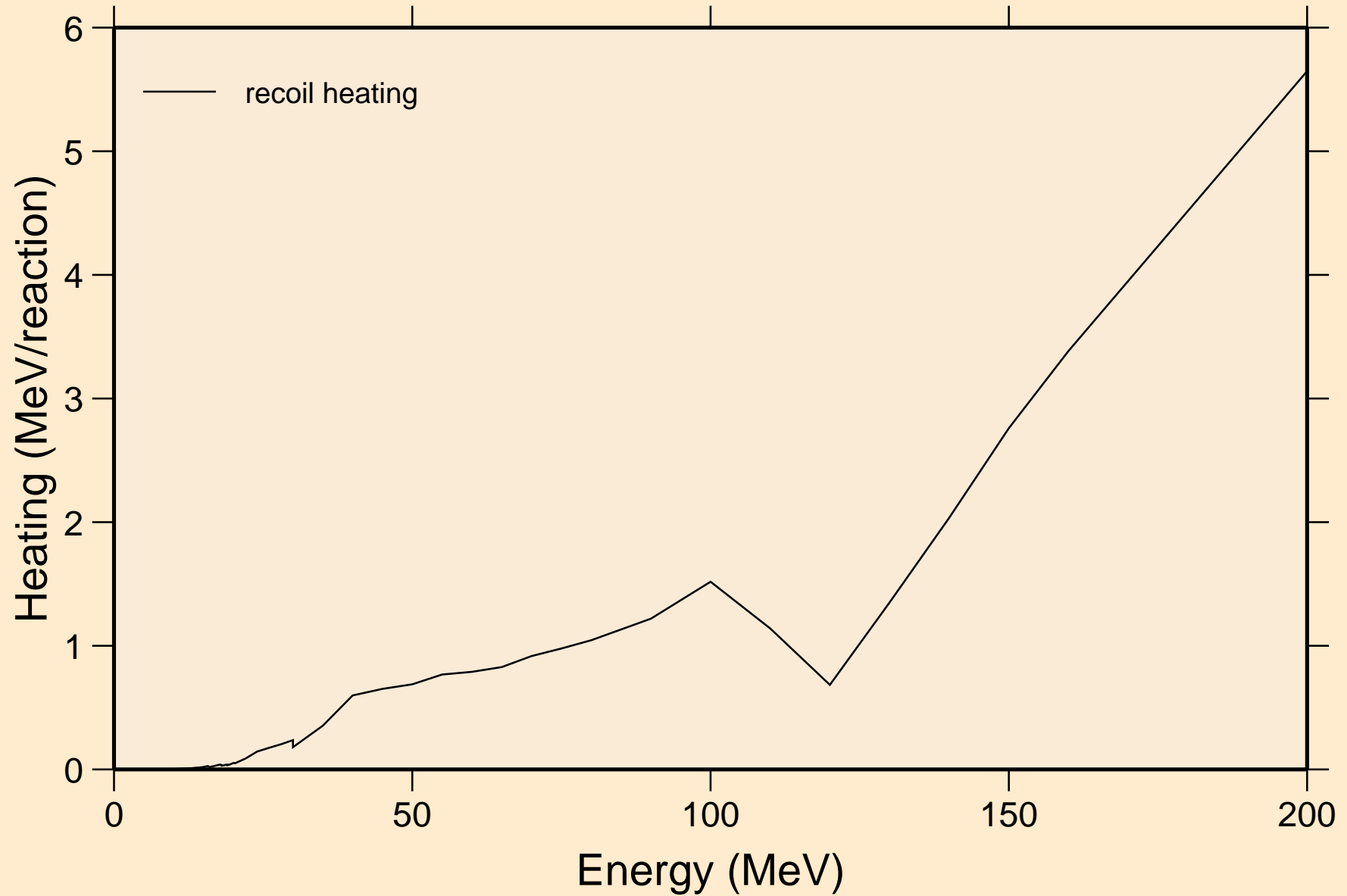


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

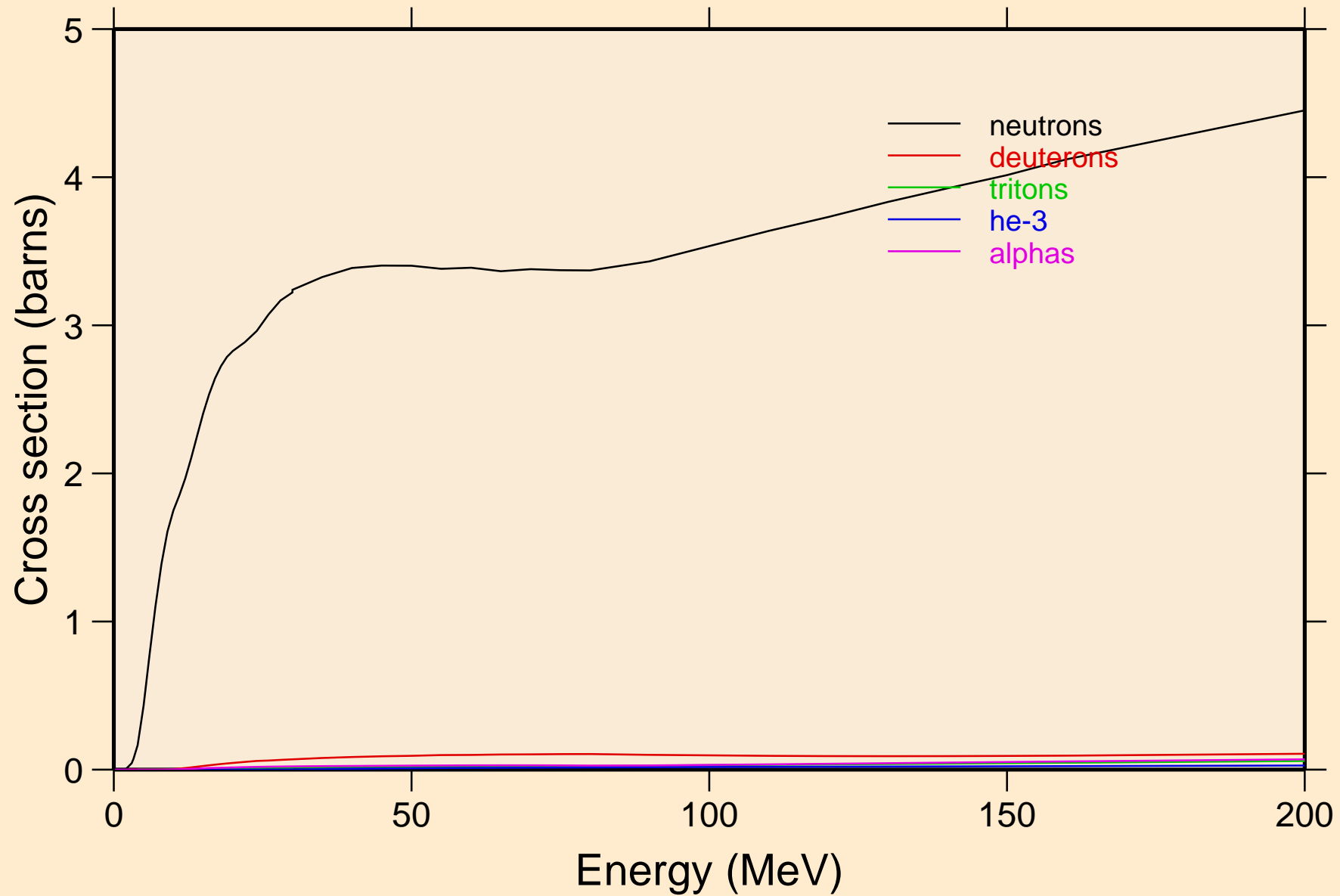


# NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K

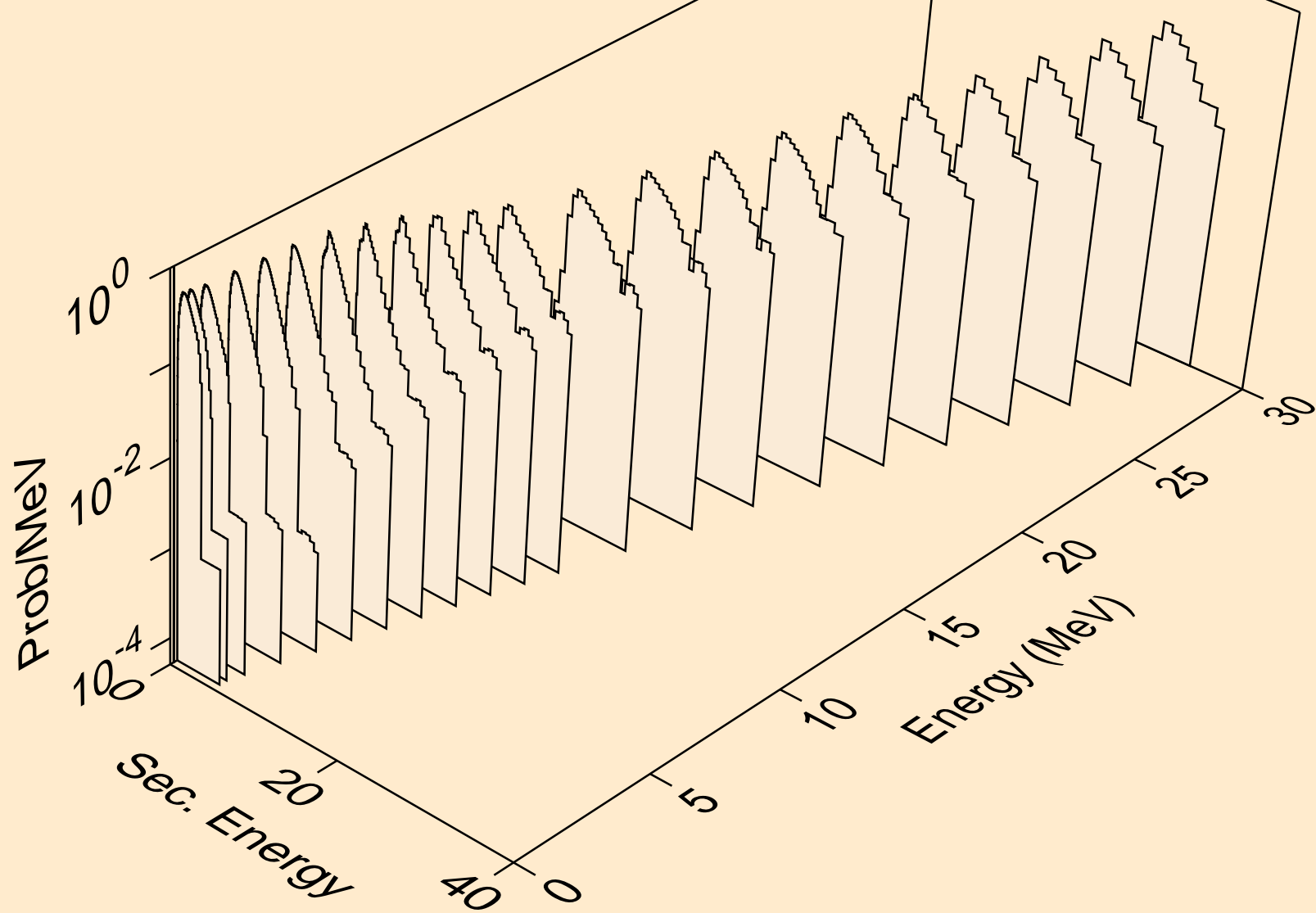
## Recoil Heating



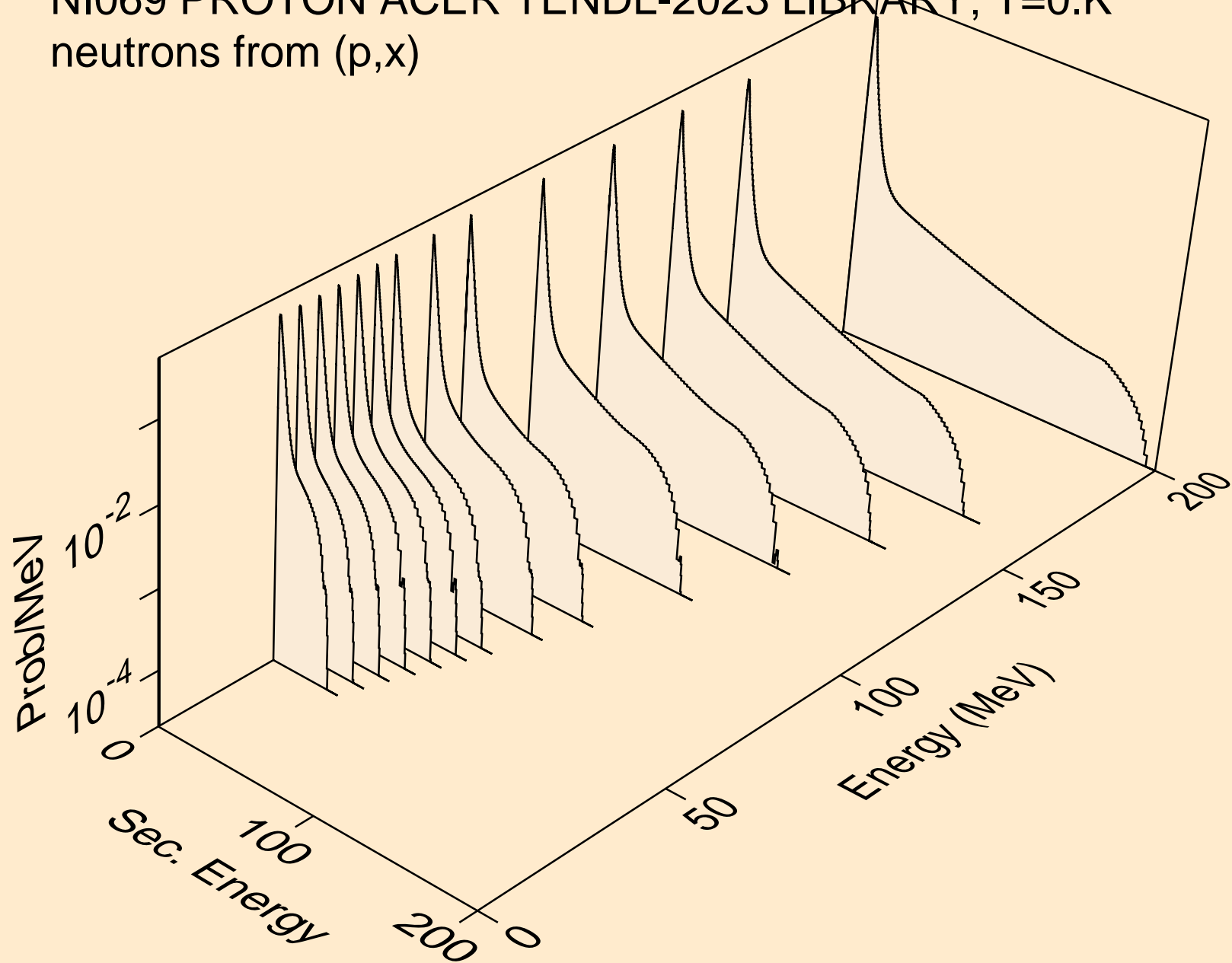
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



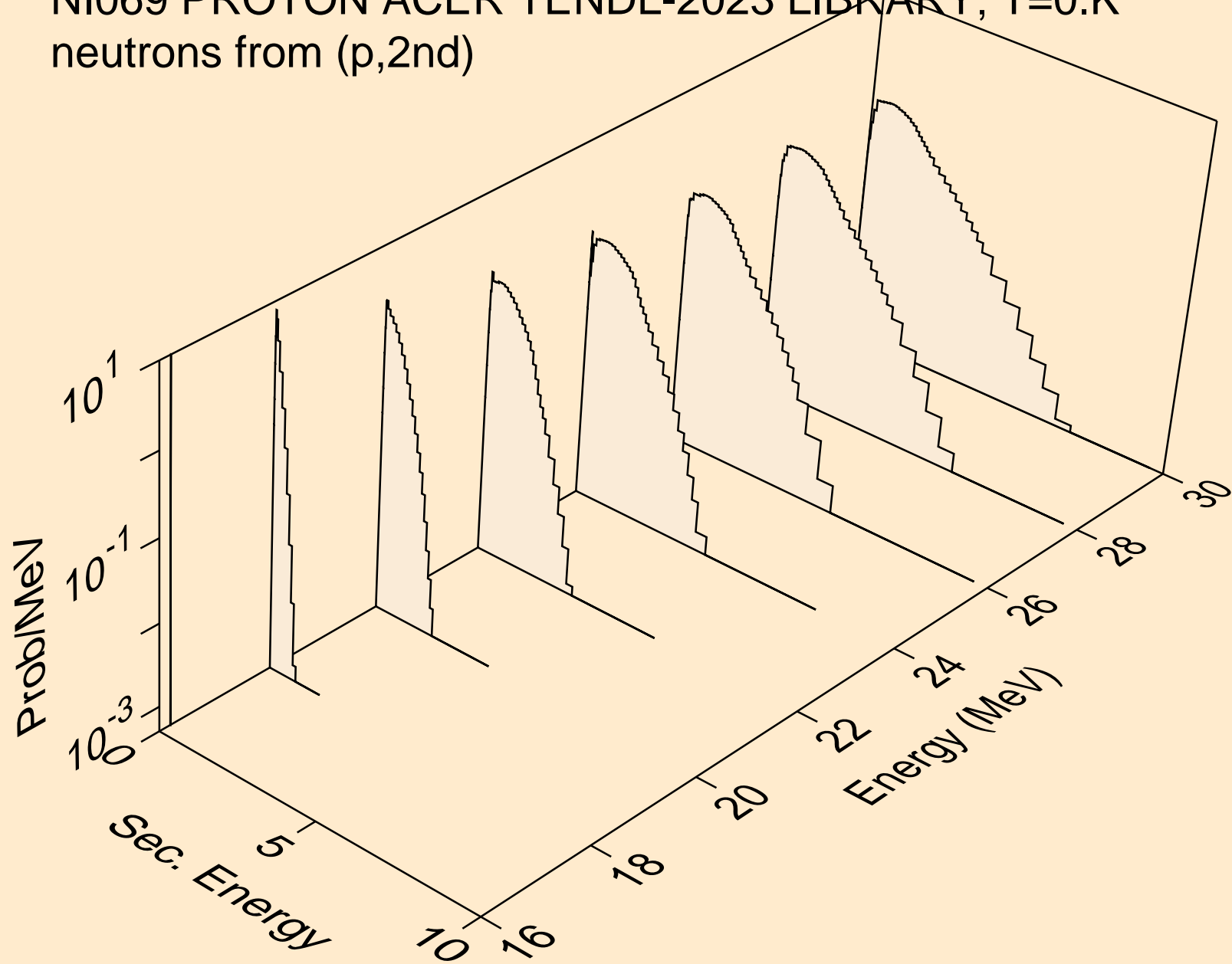
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

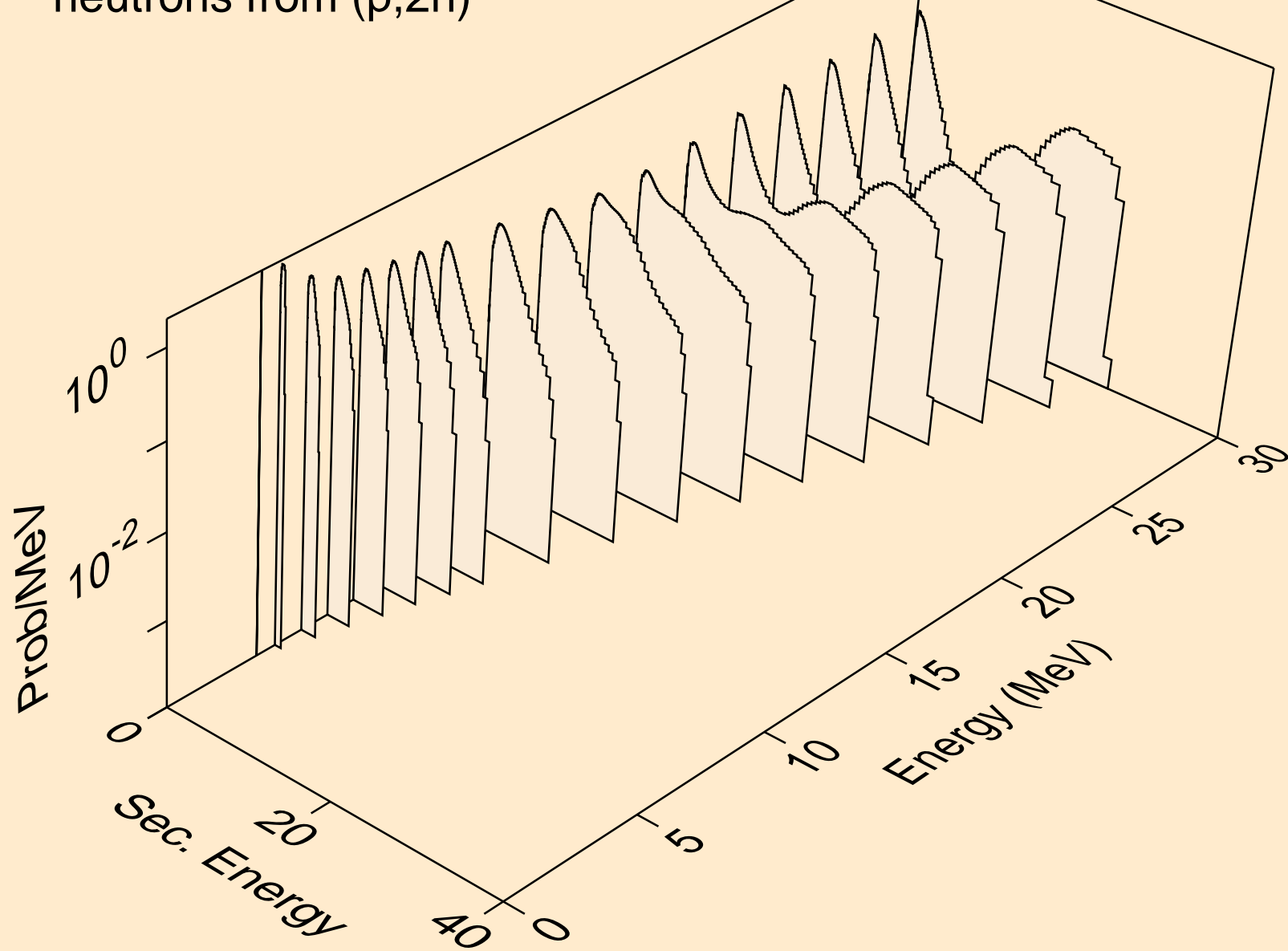


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

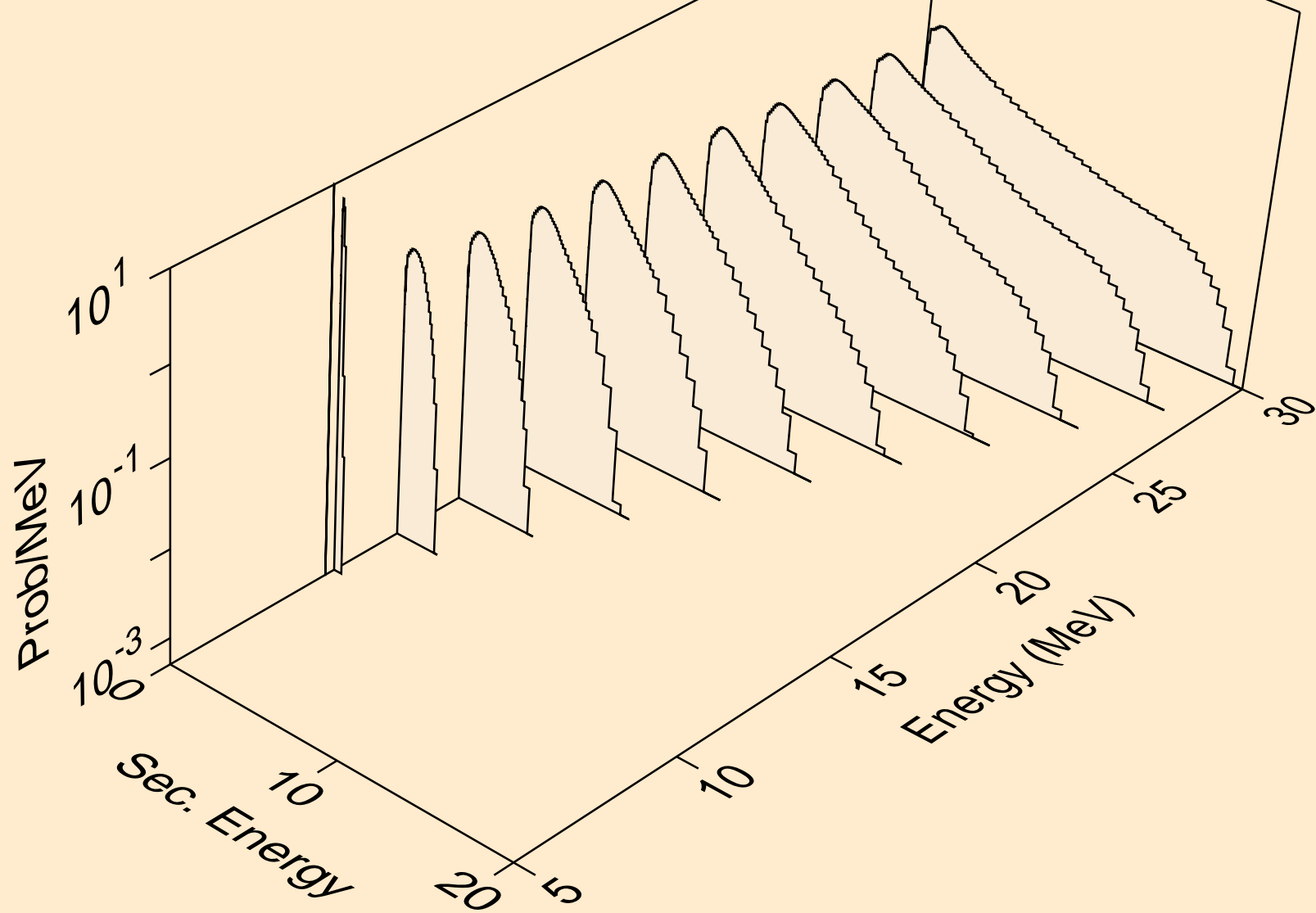




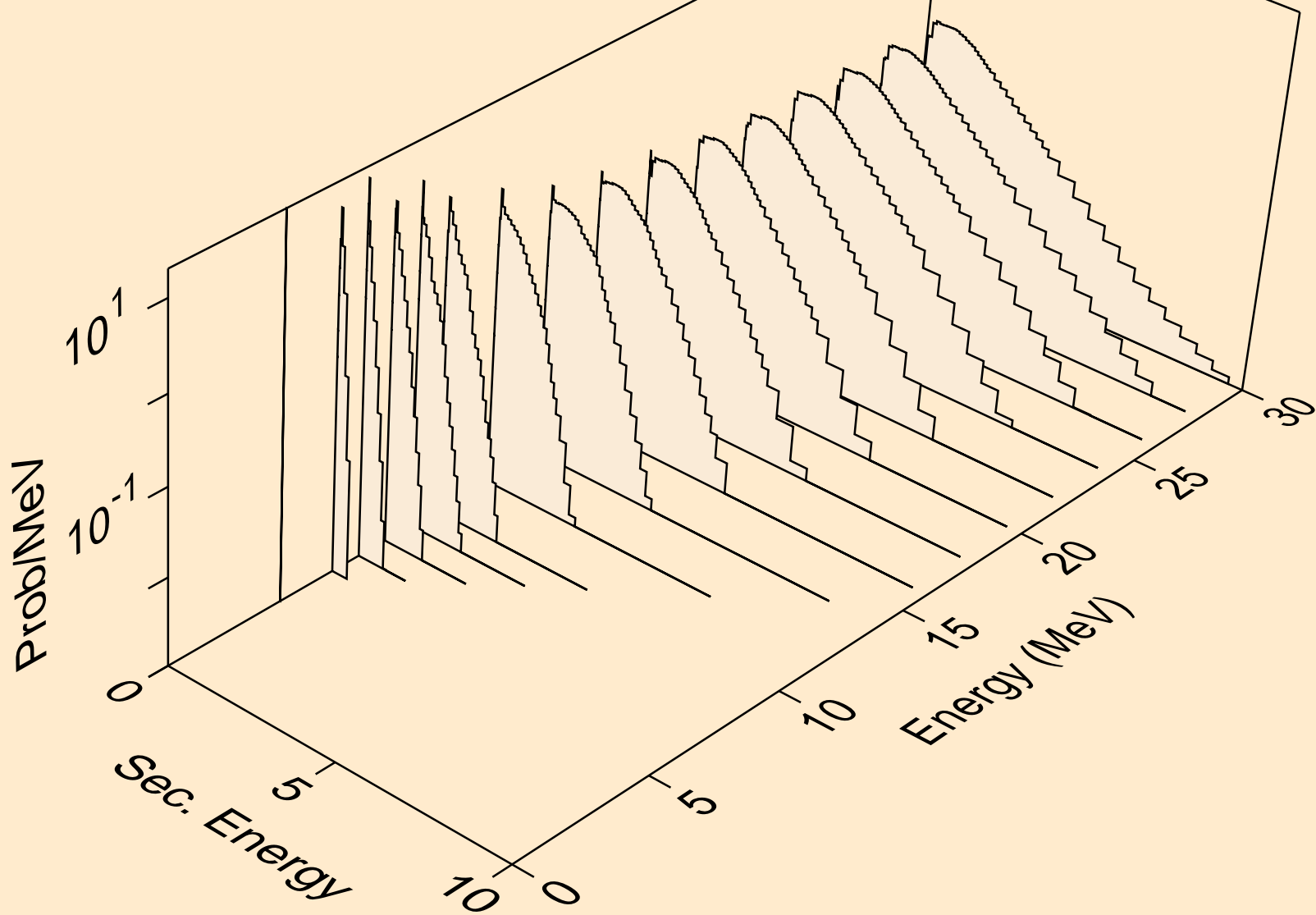
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



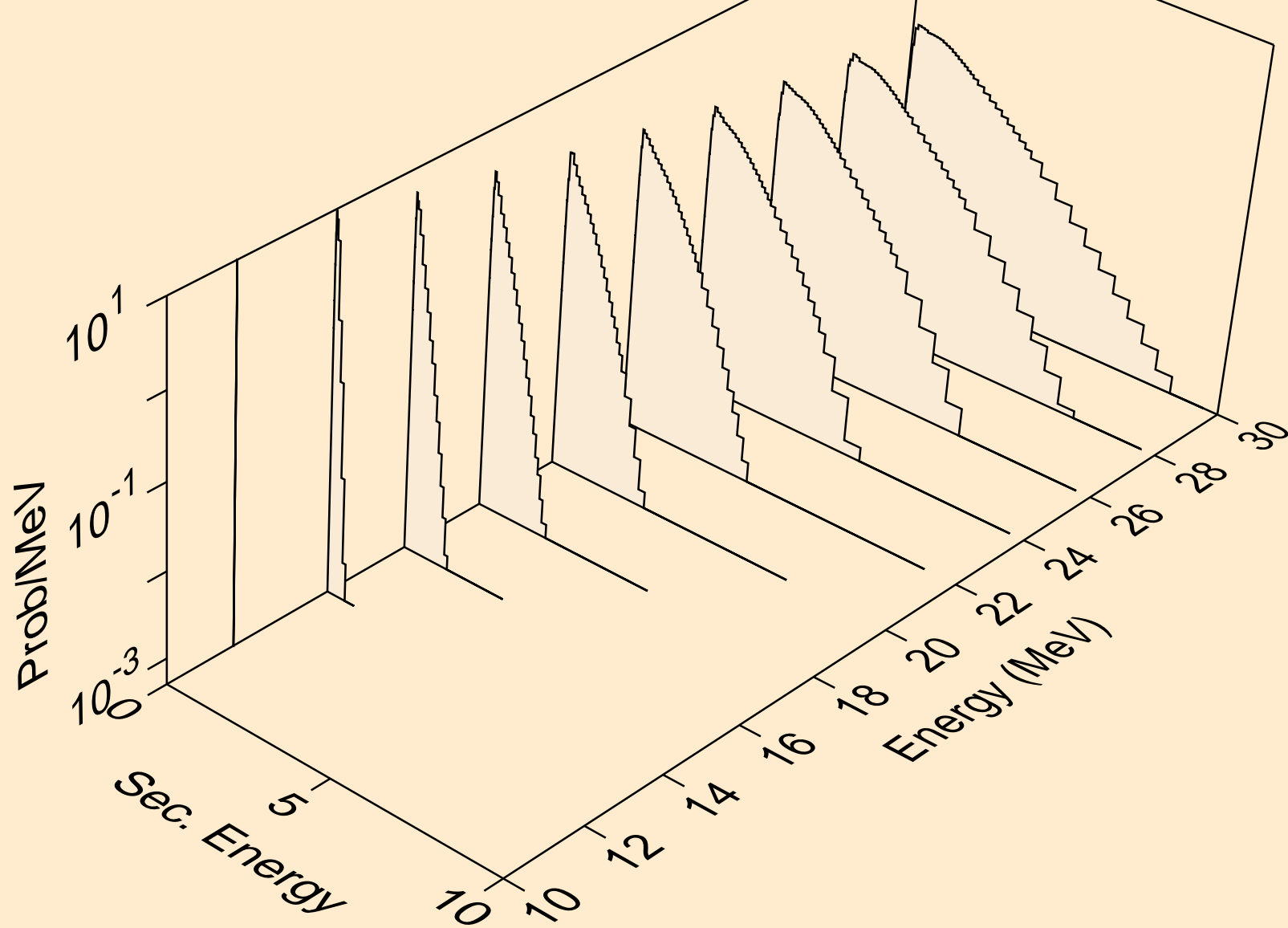
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



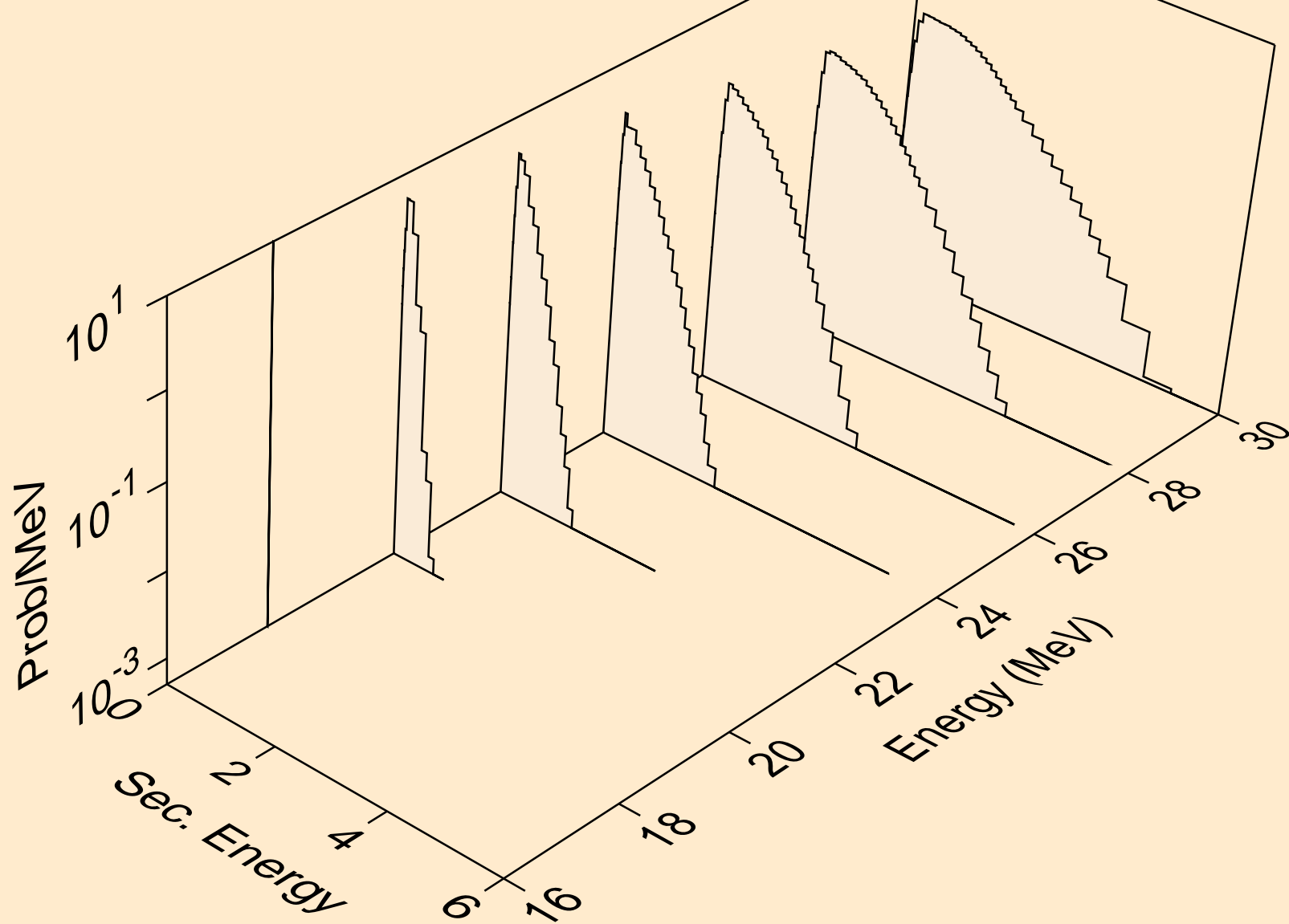
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



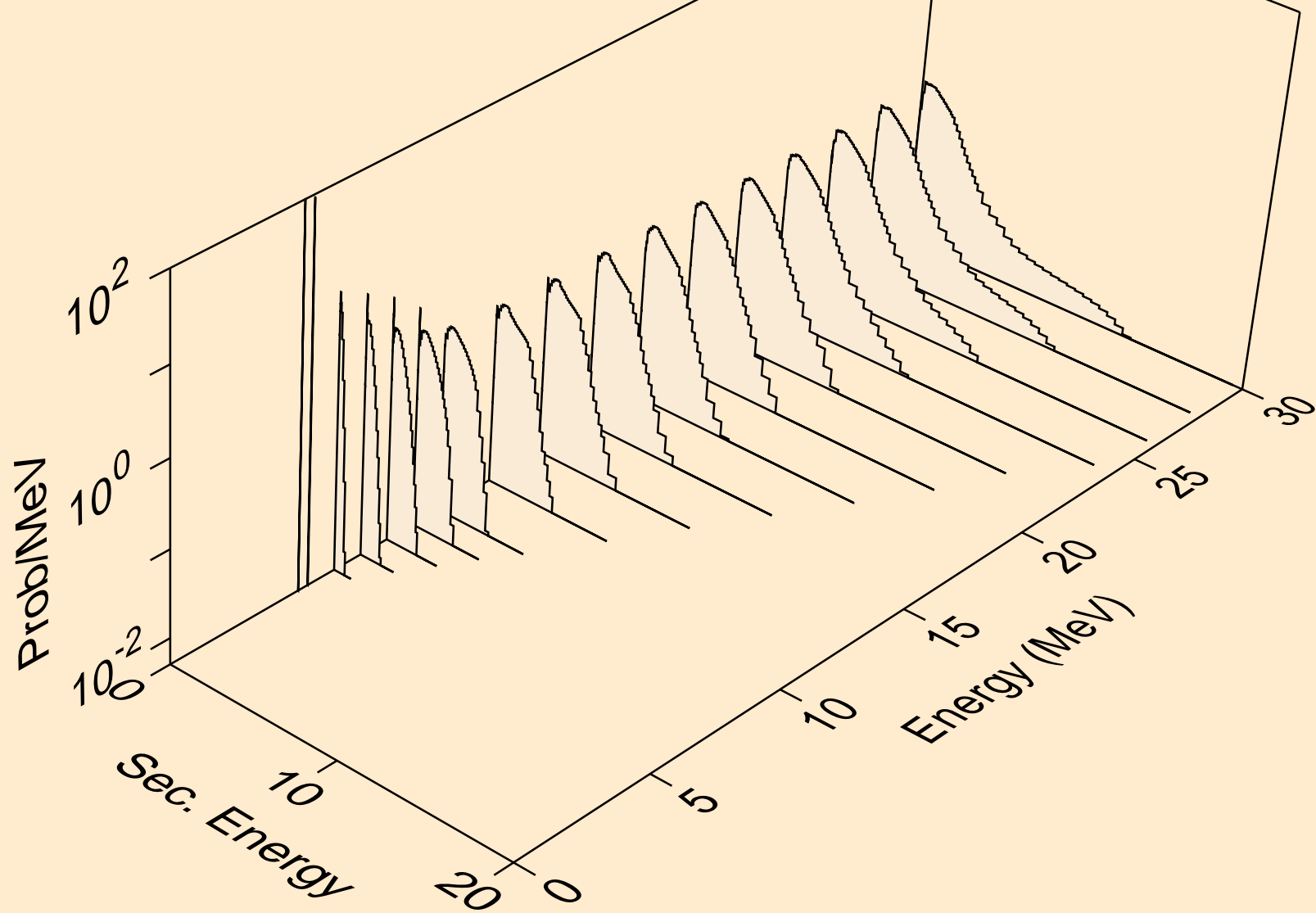
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



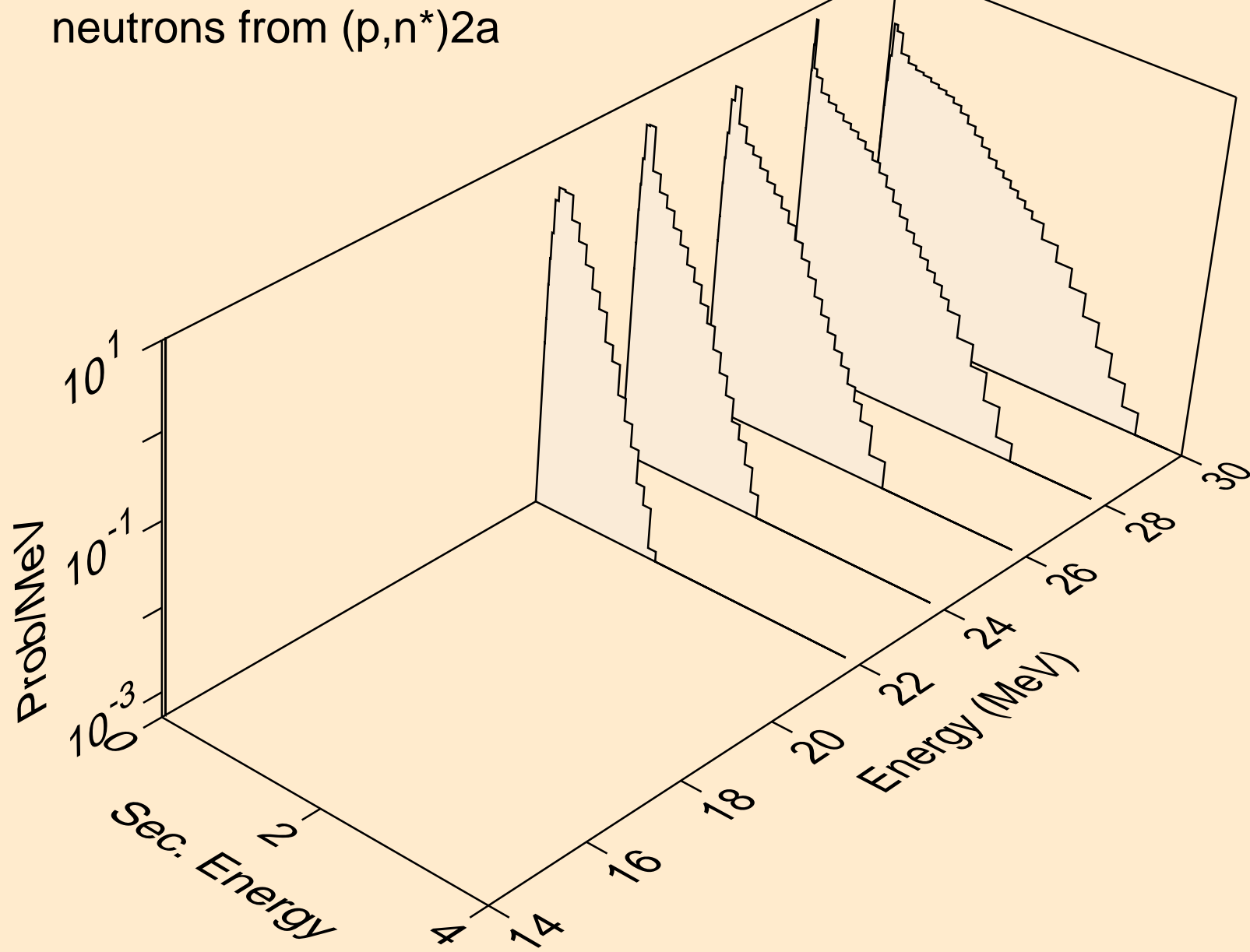
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



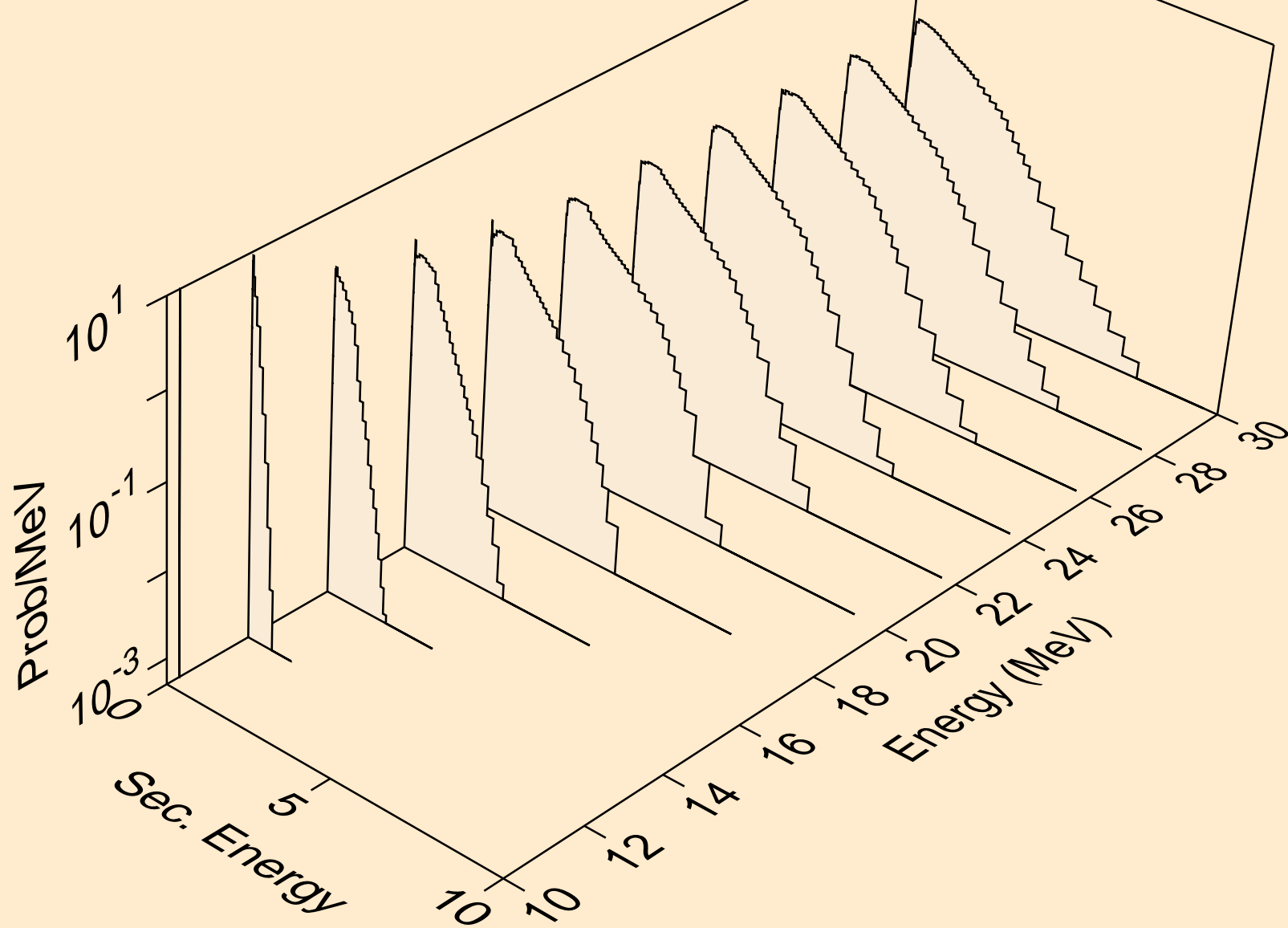
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

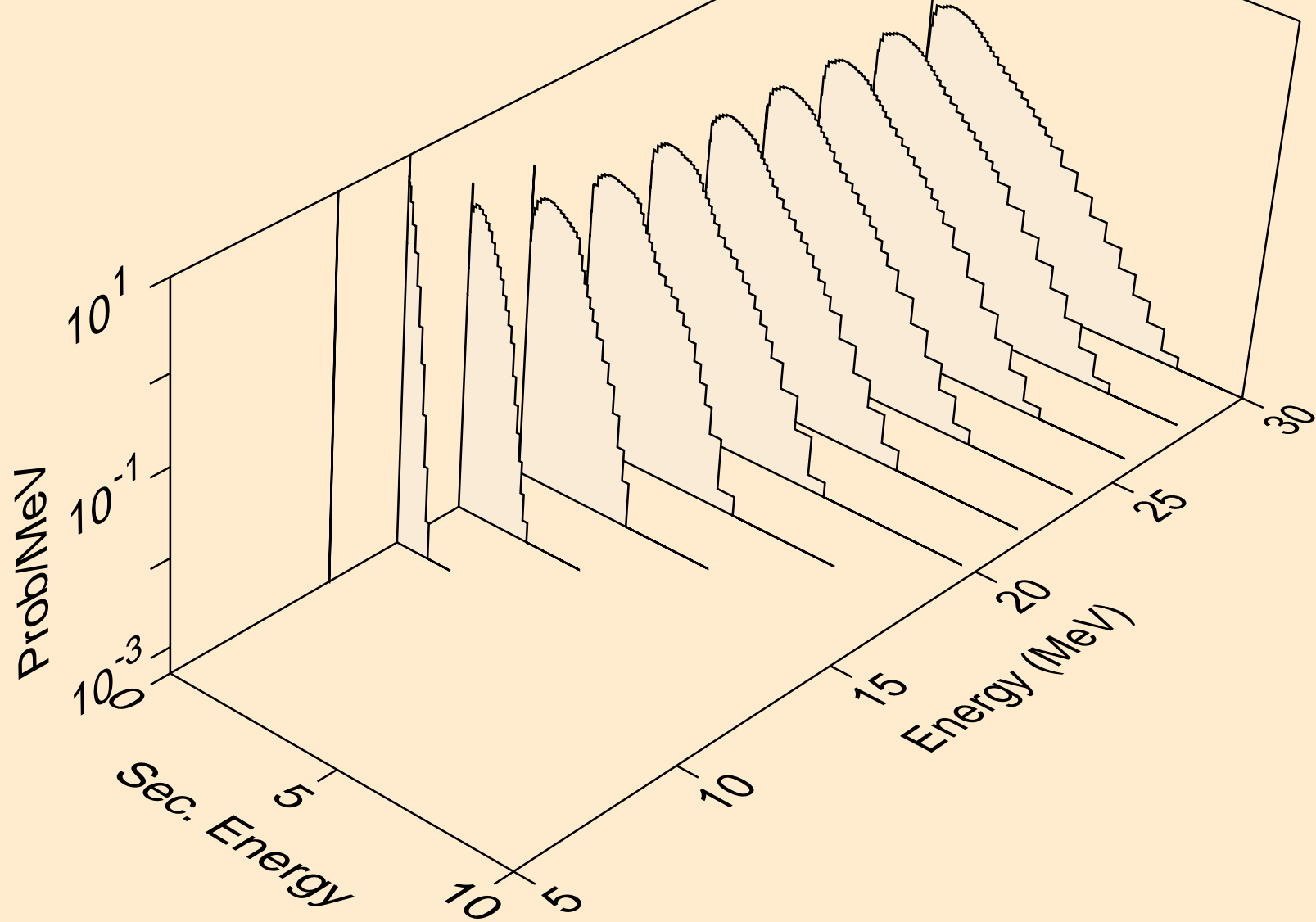


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

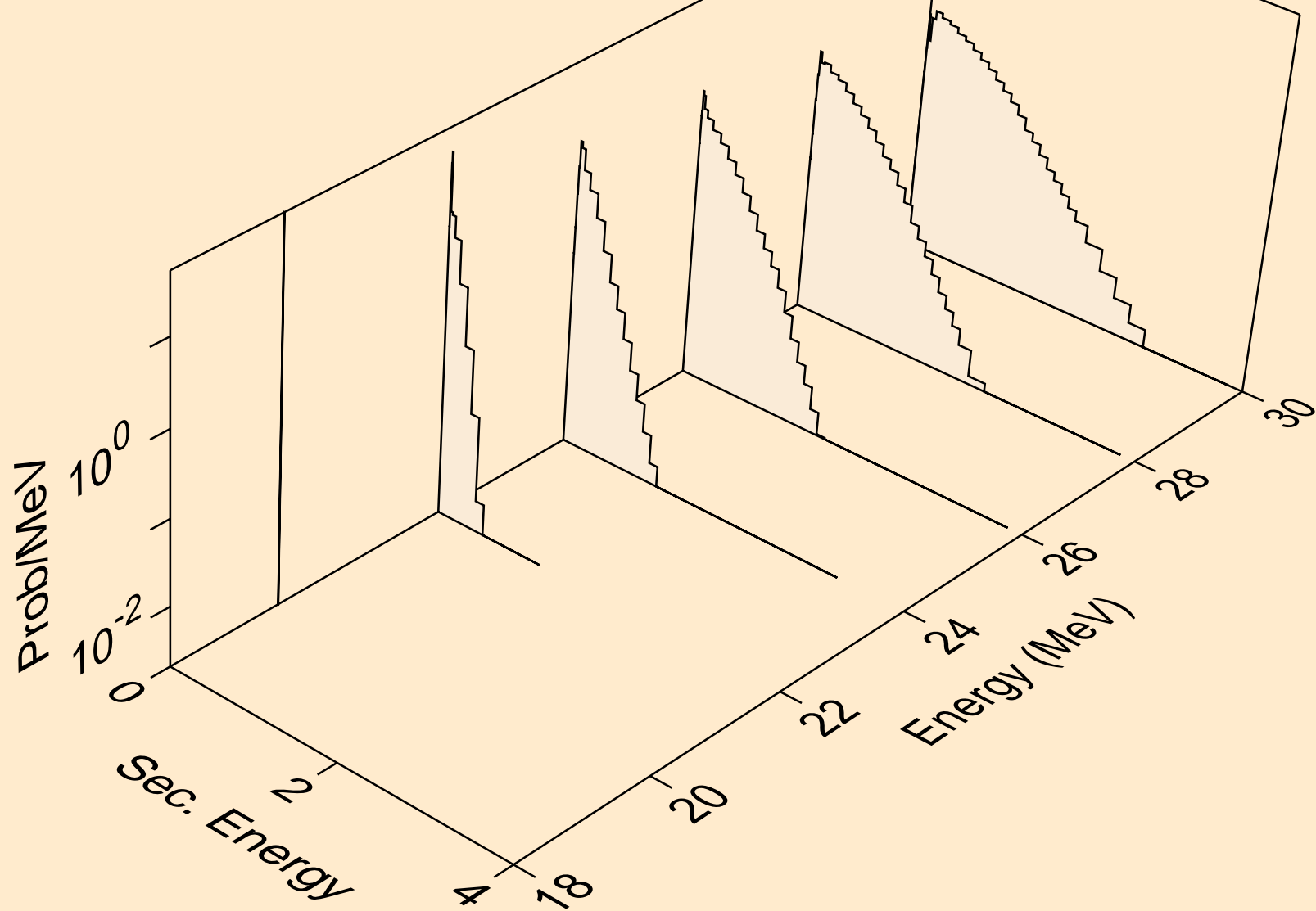




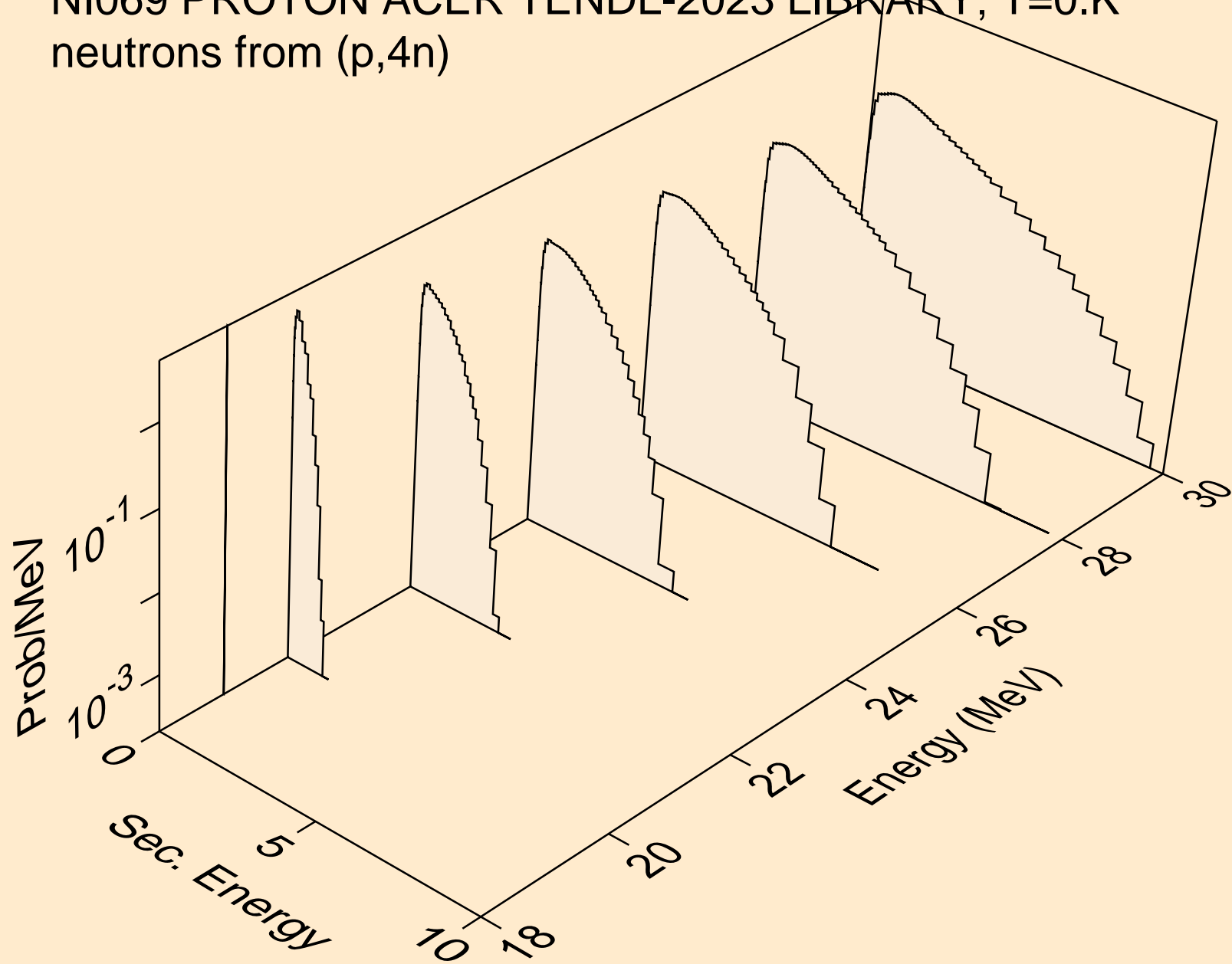
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



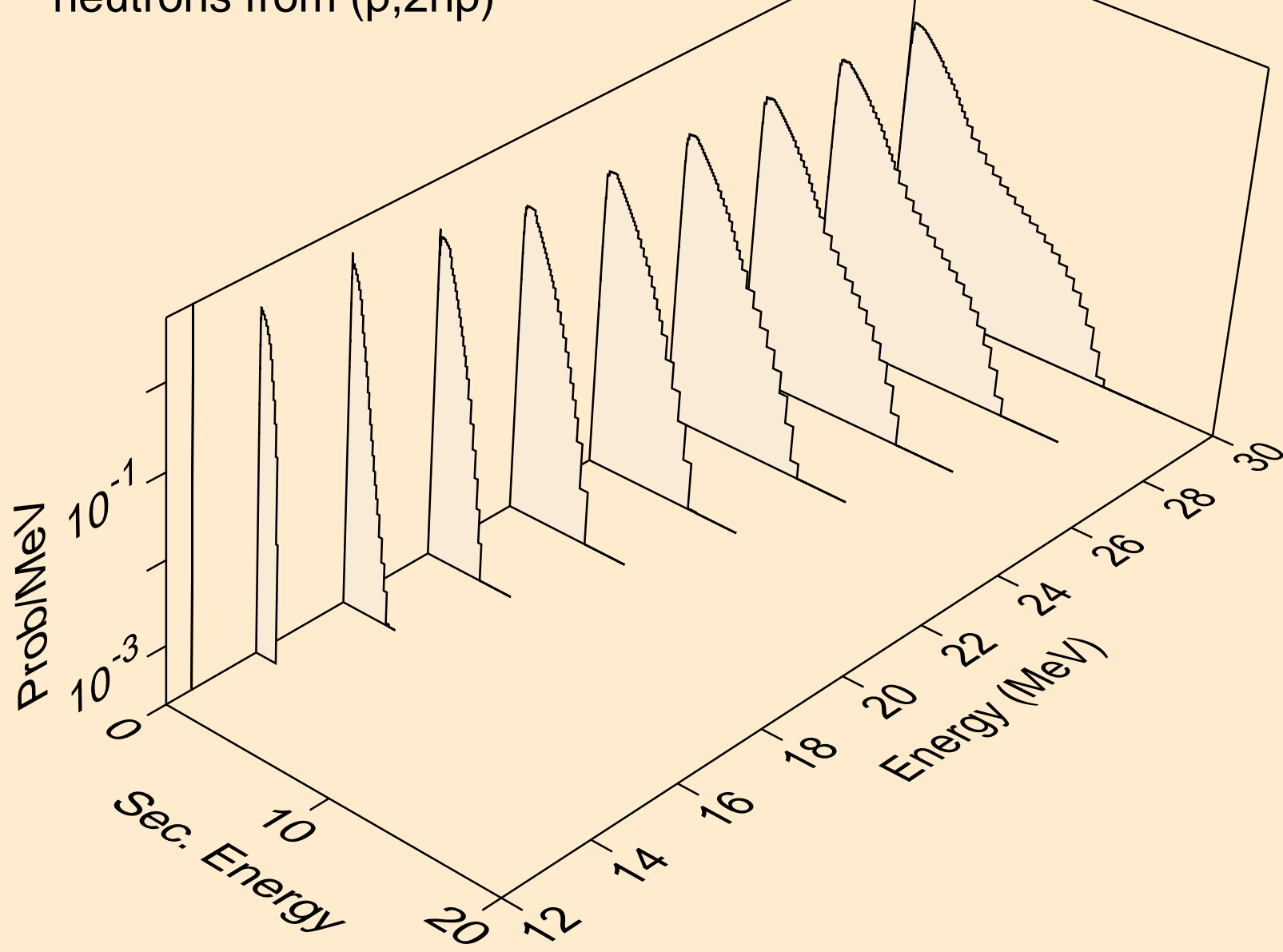
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



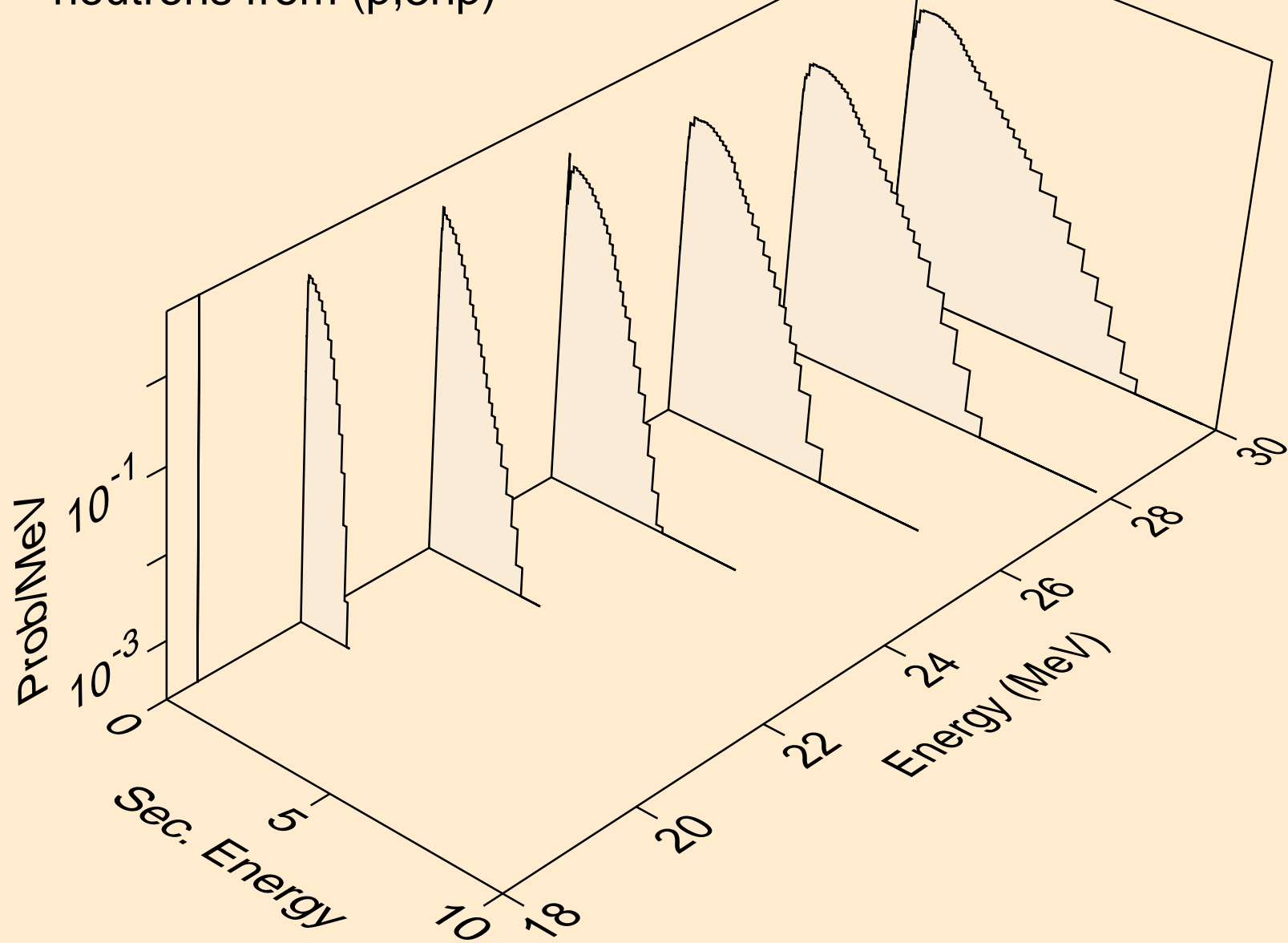
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



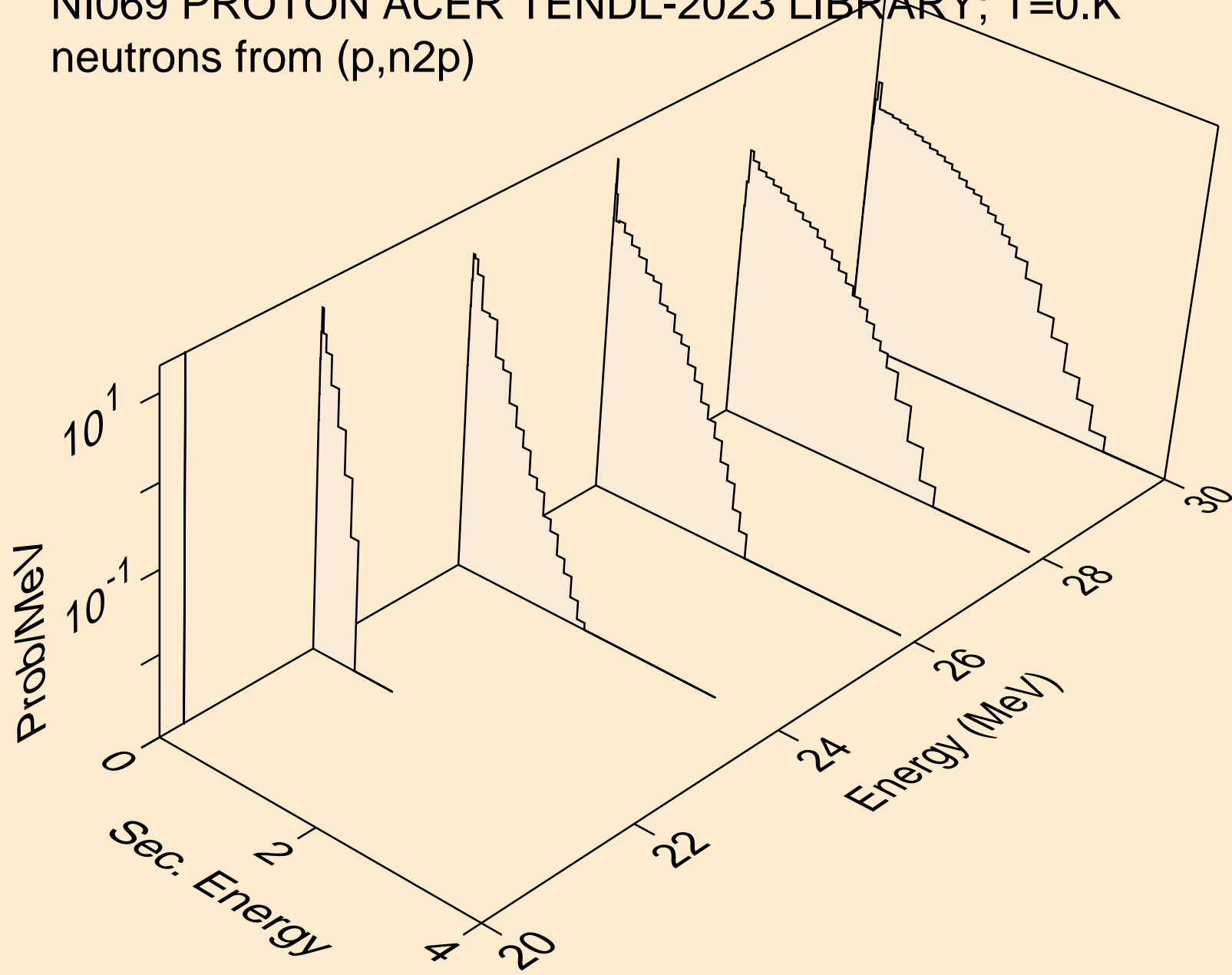
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



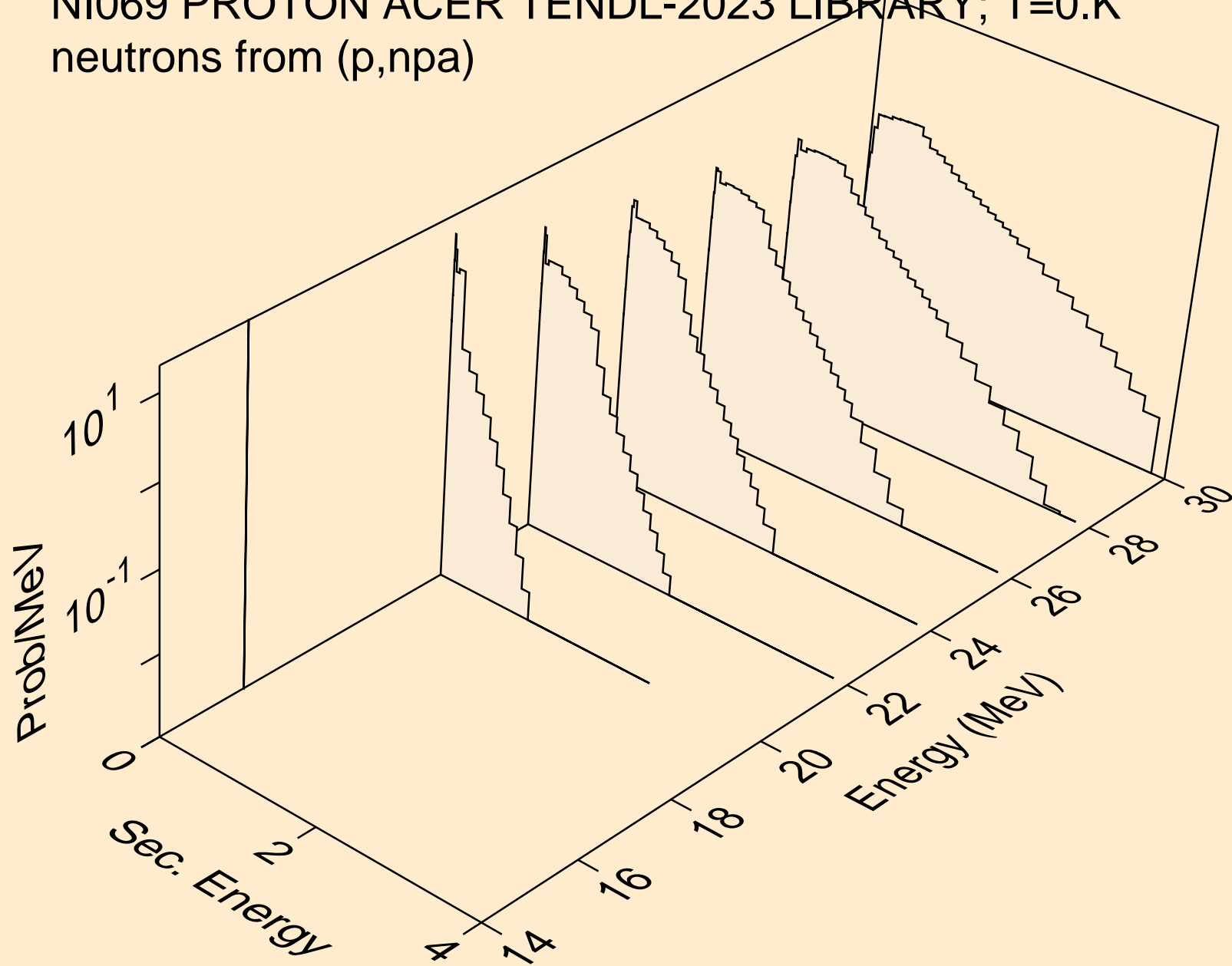
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



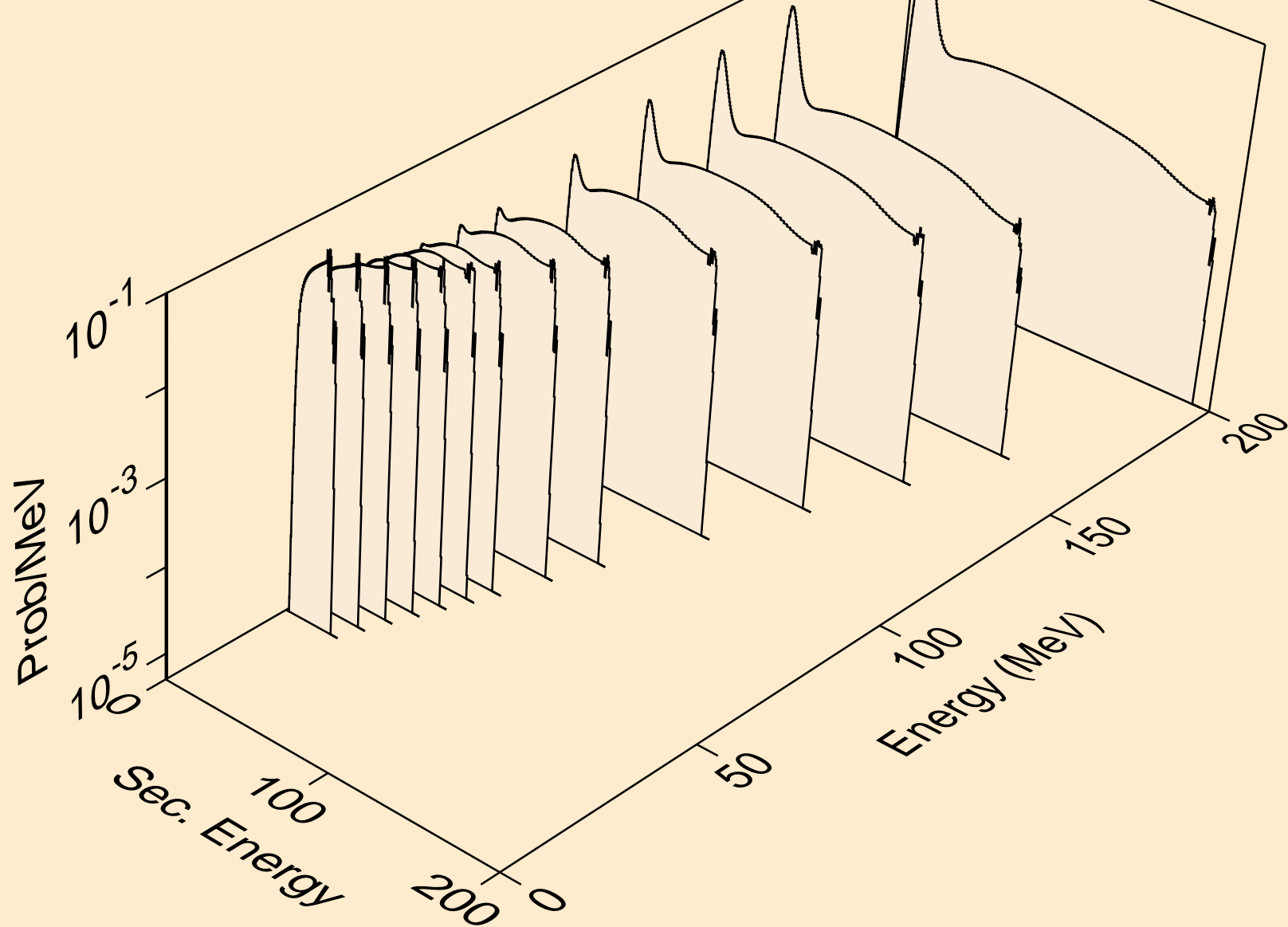
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)

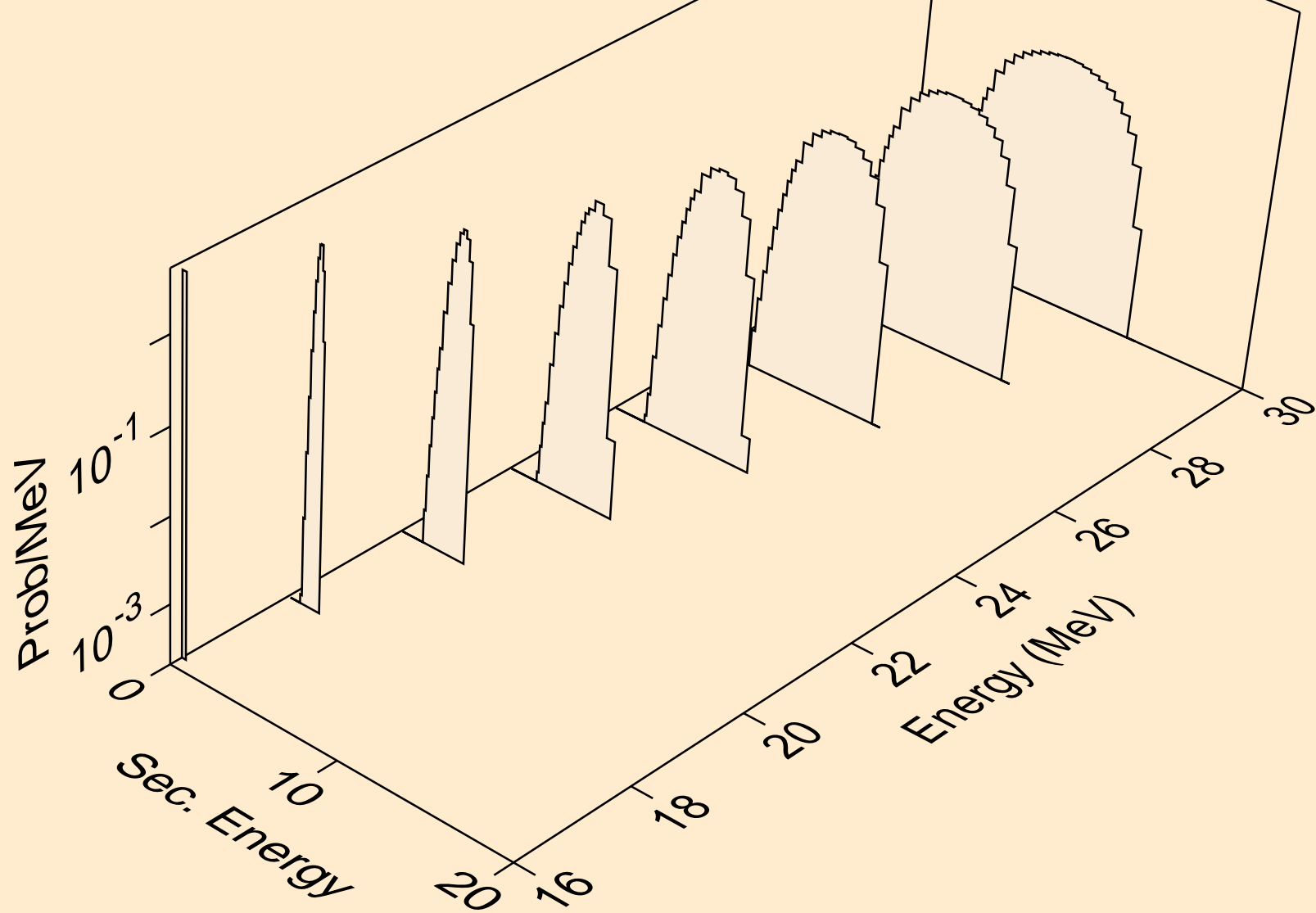


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

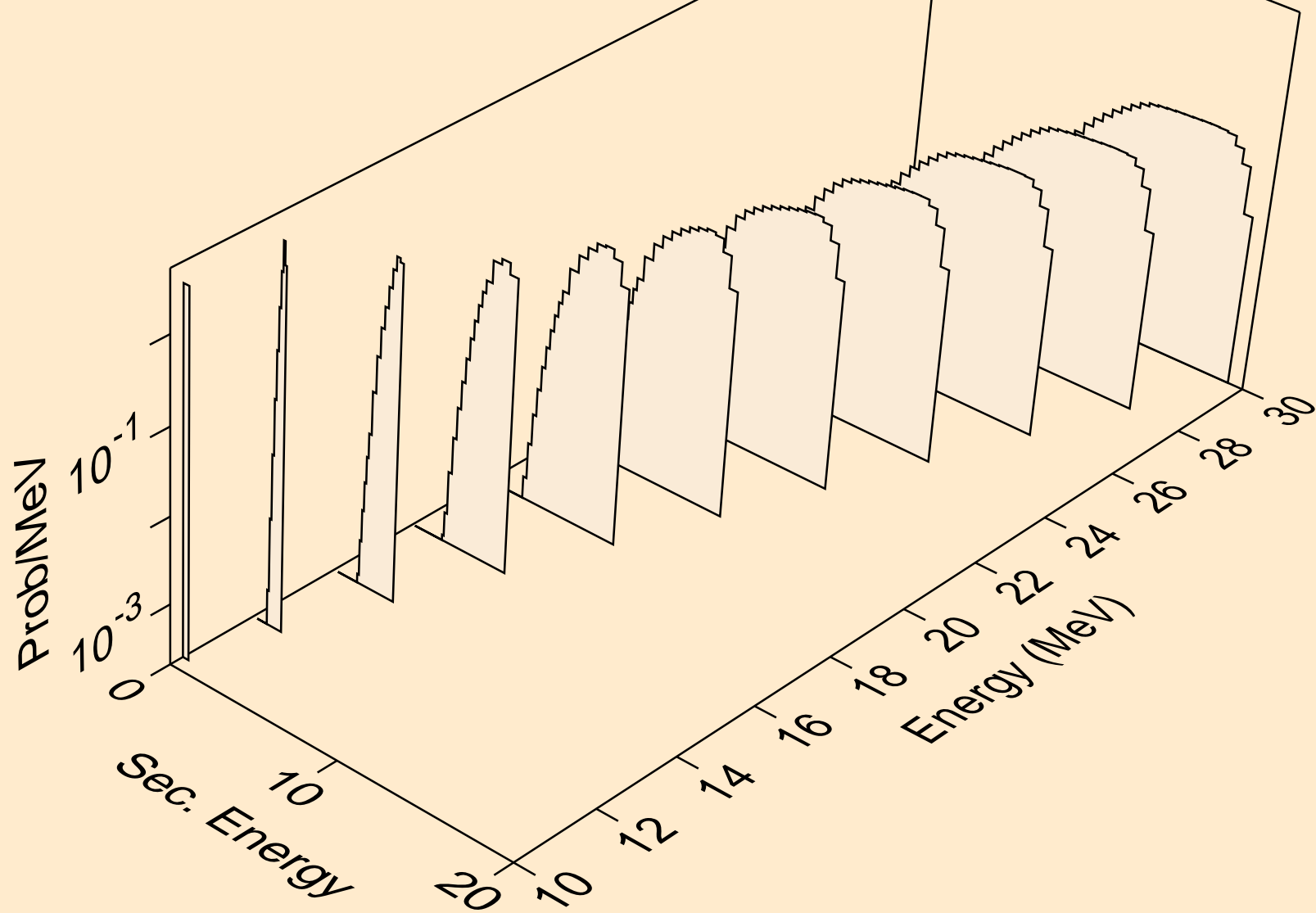




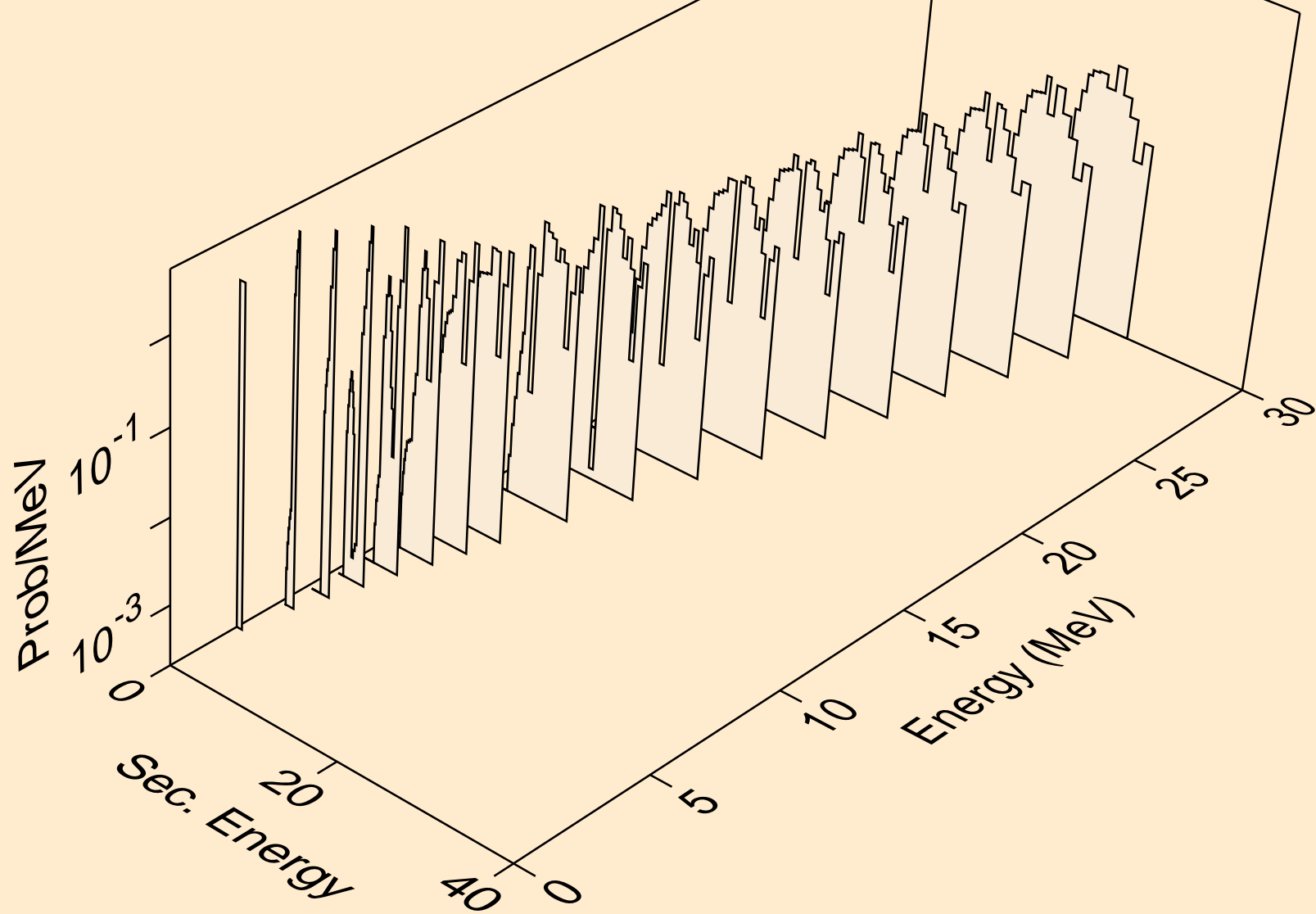
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



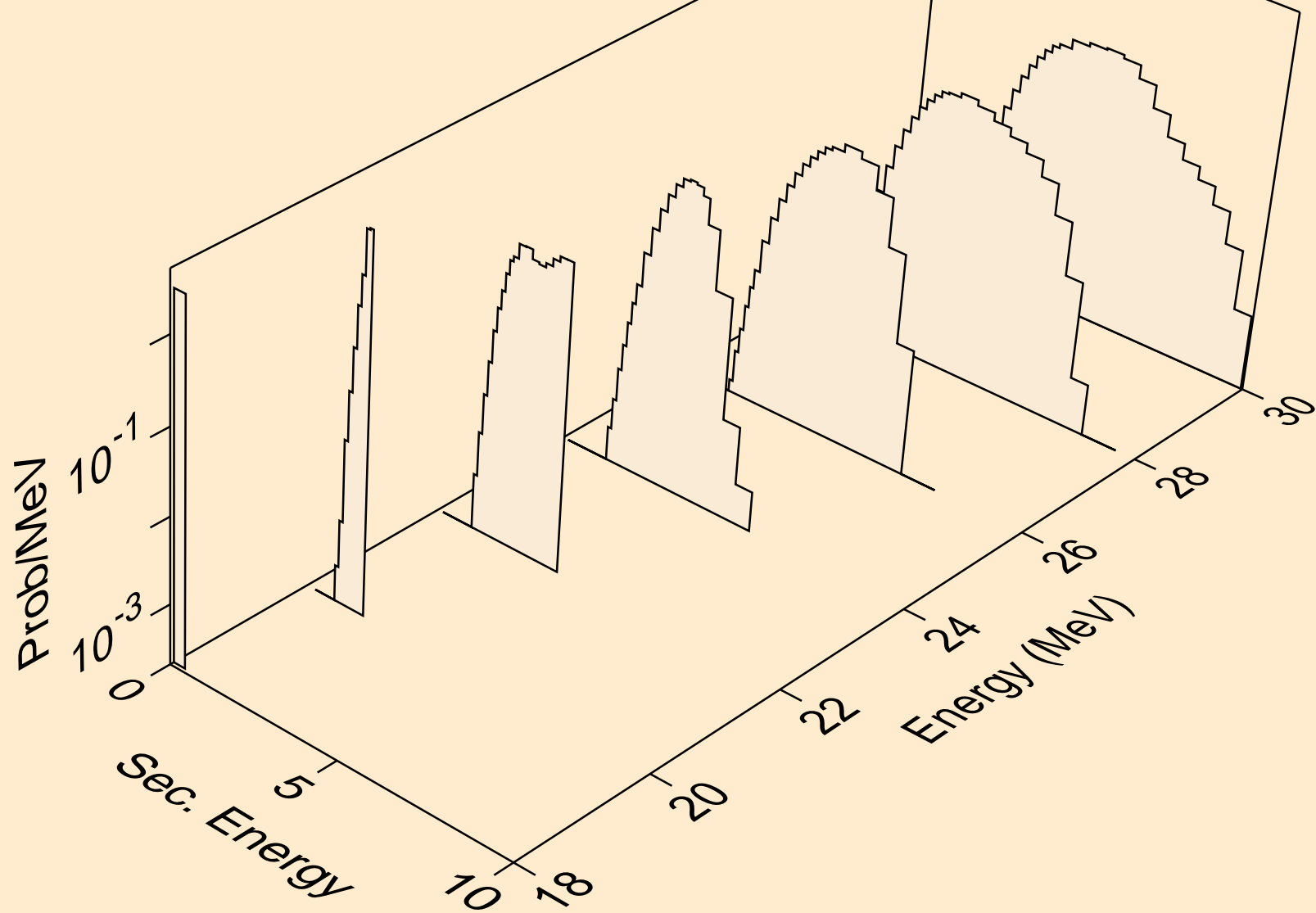
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



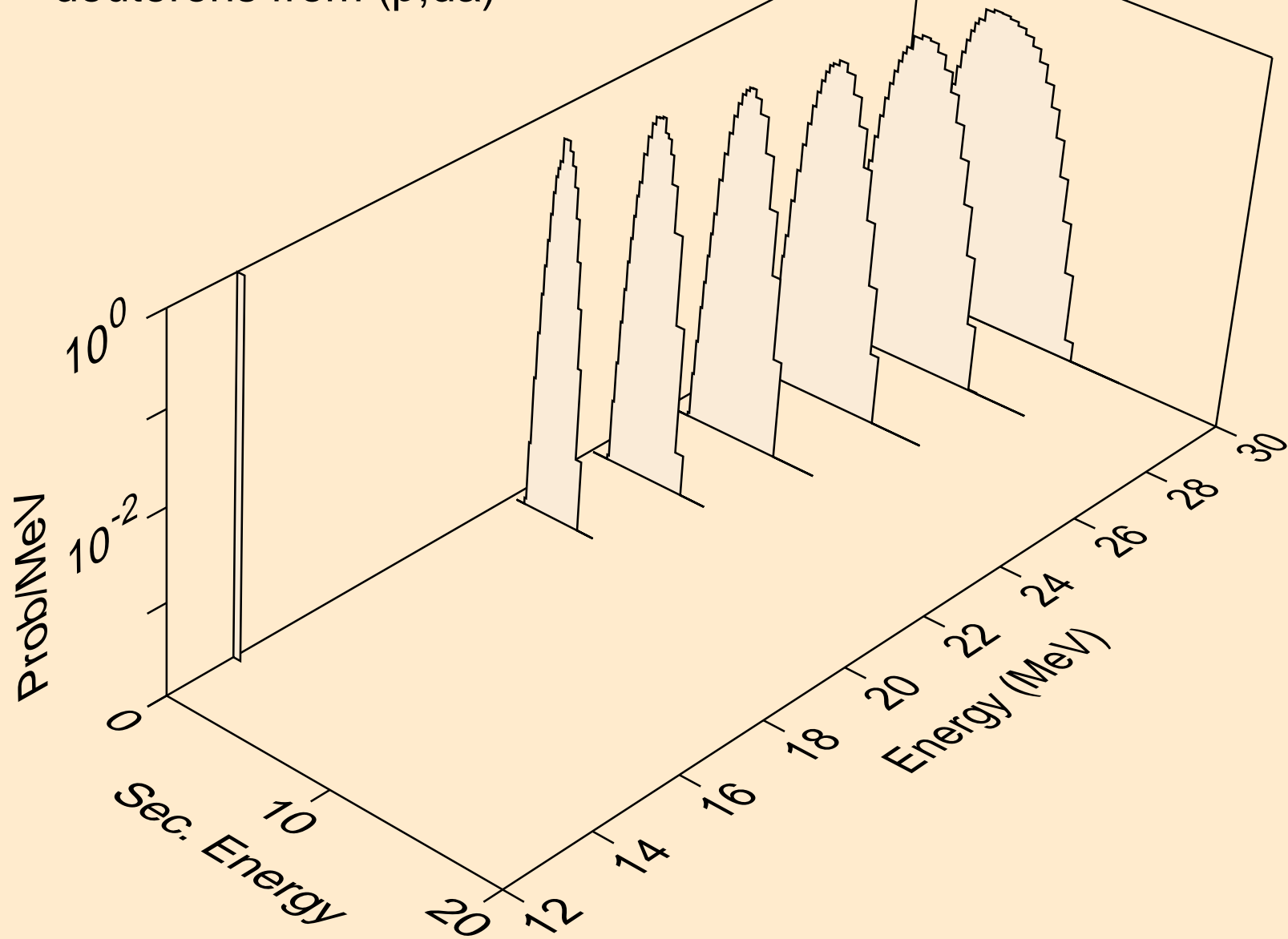
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deuterons from (p,d)



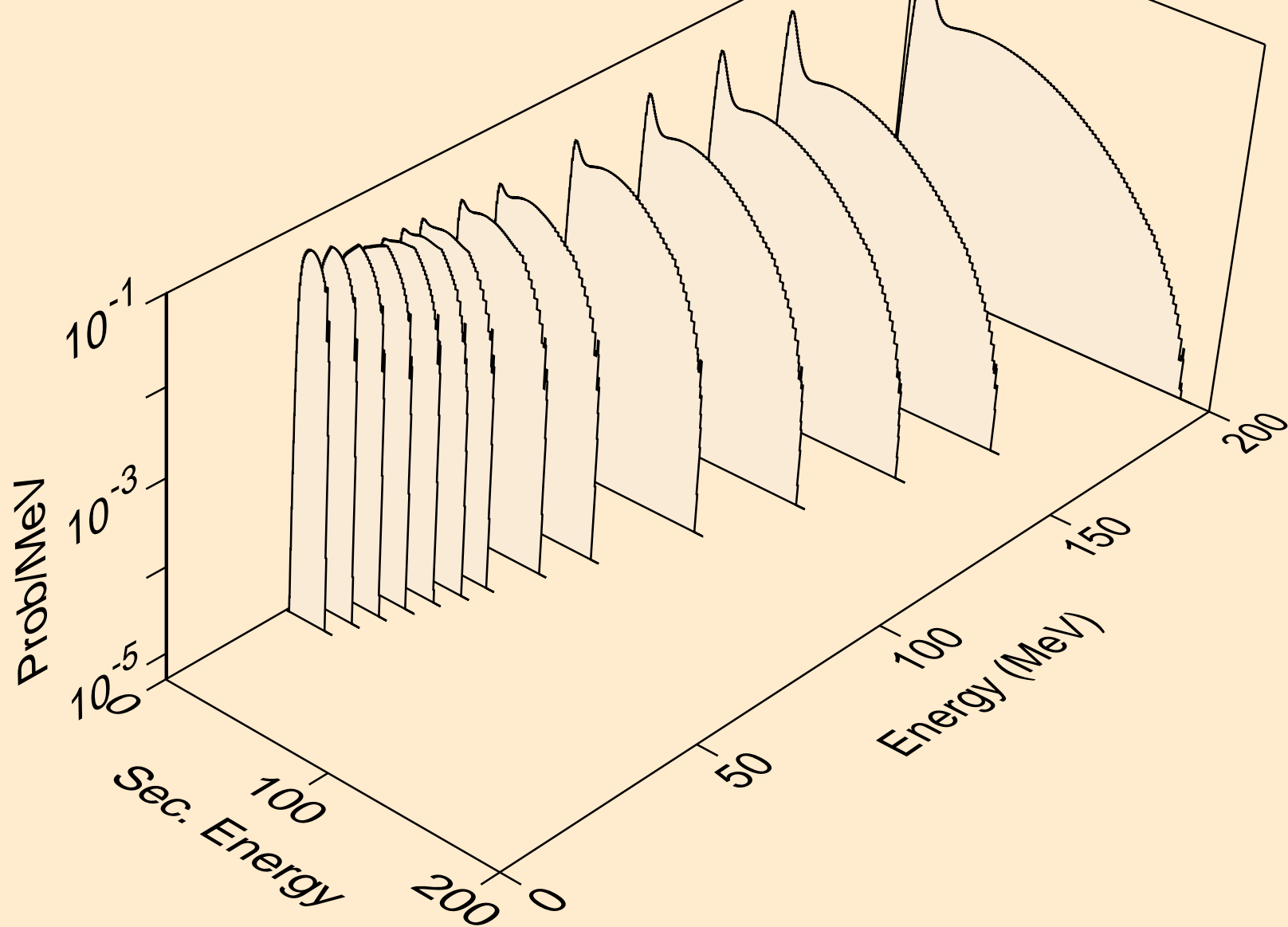
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



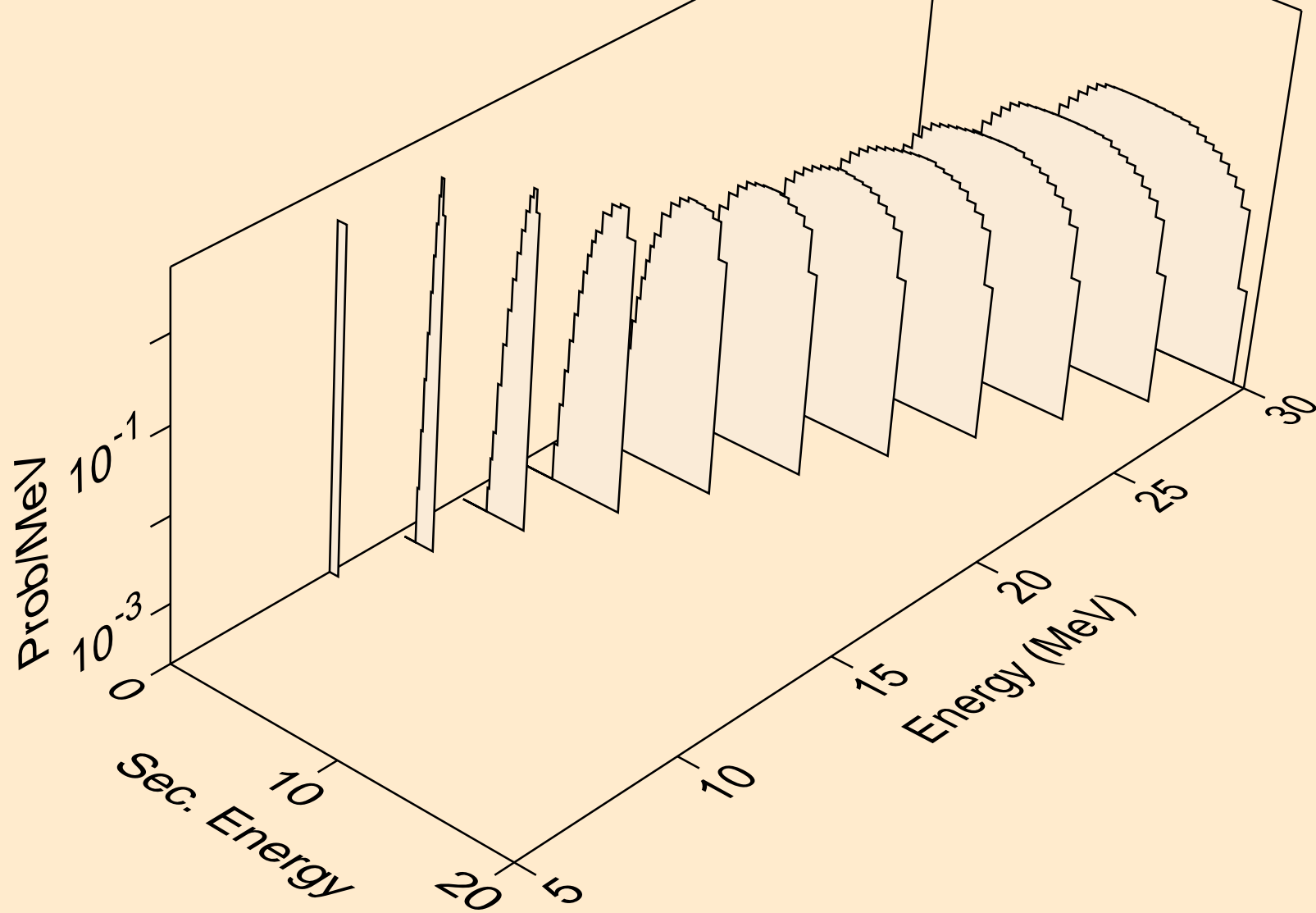
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deuterons from (p,da)



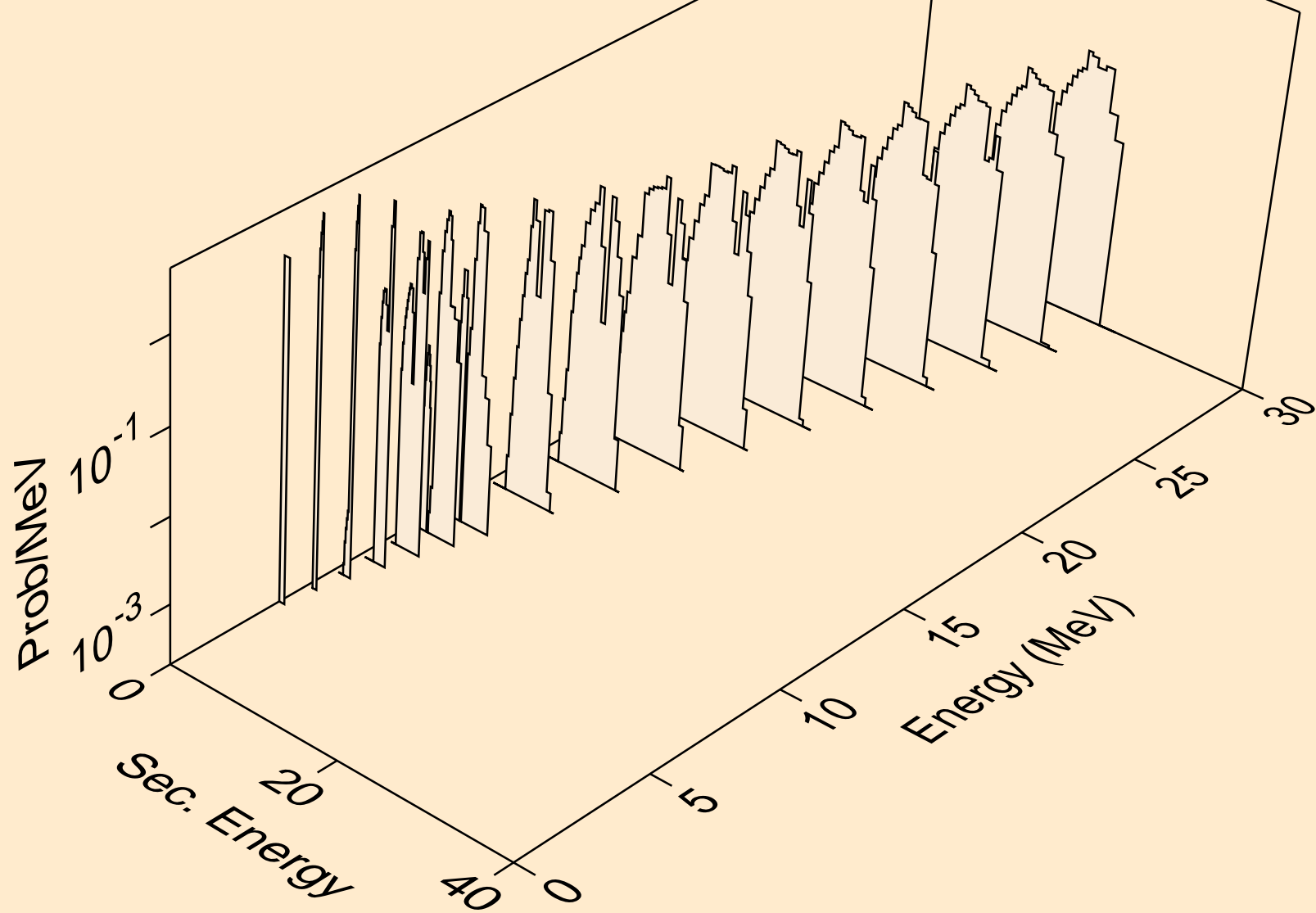
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

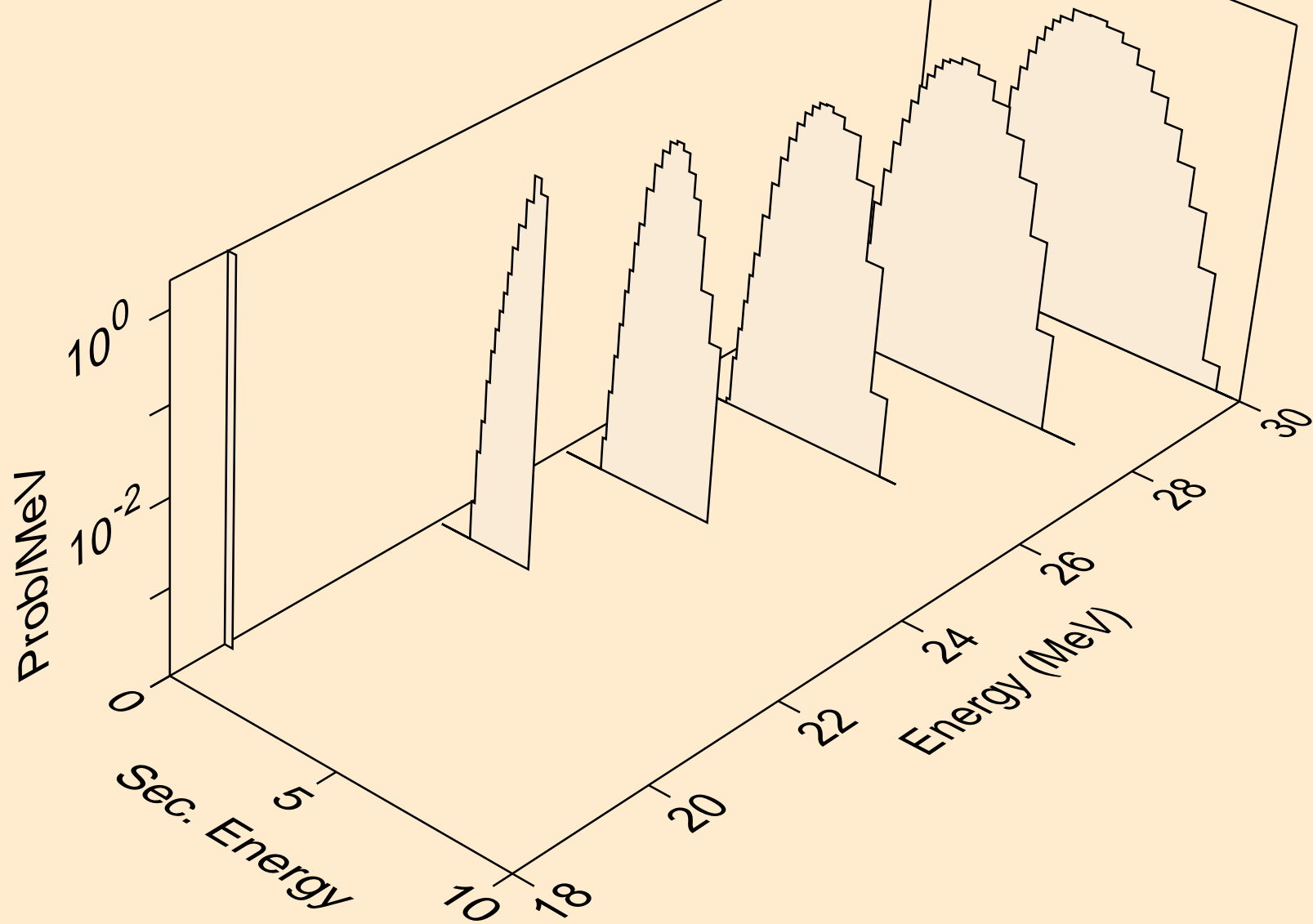


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

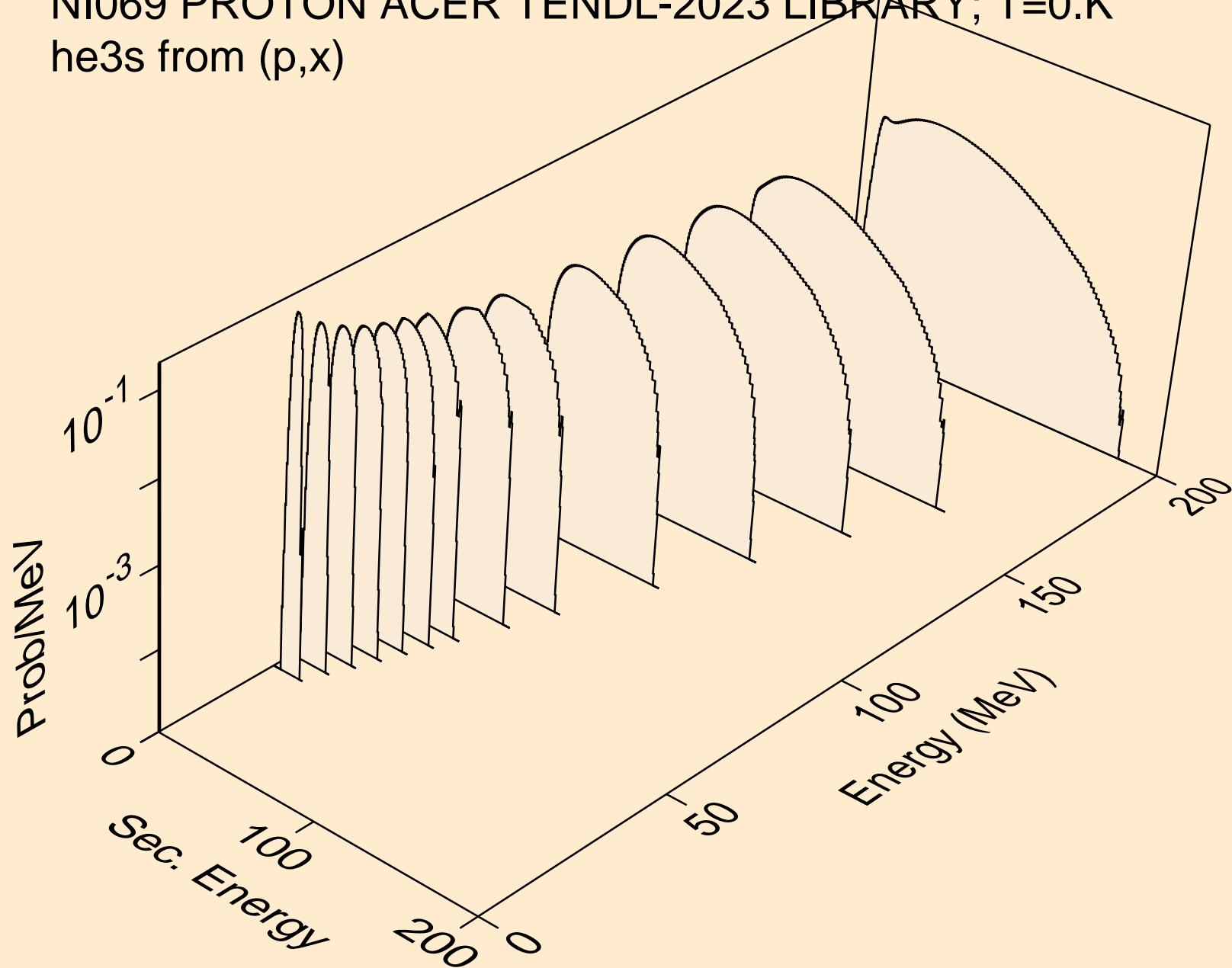




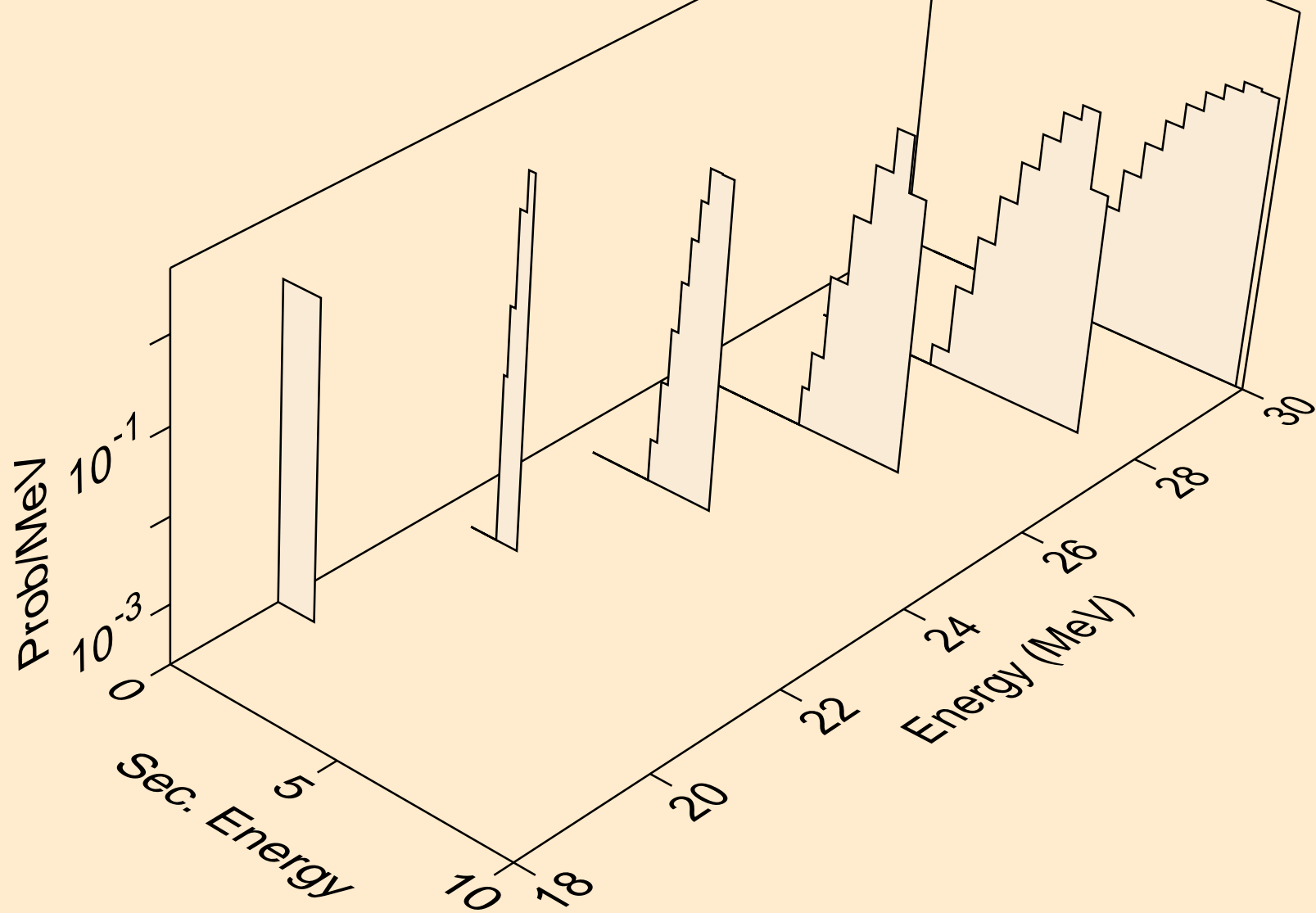
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tritons from (p,pt)



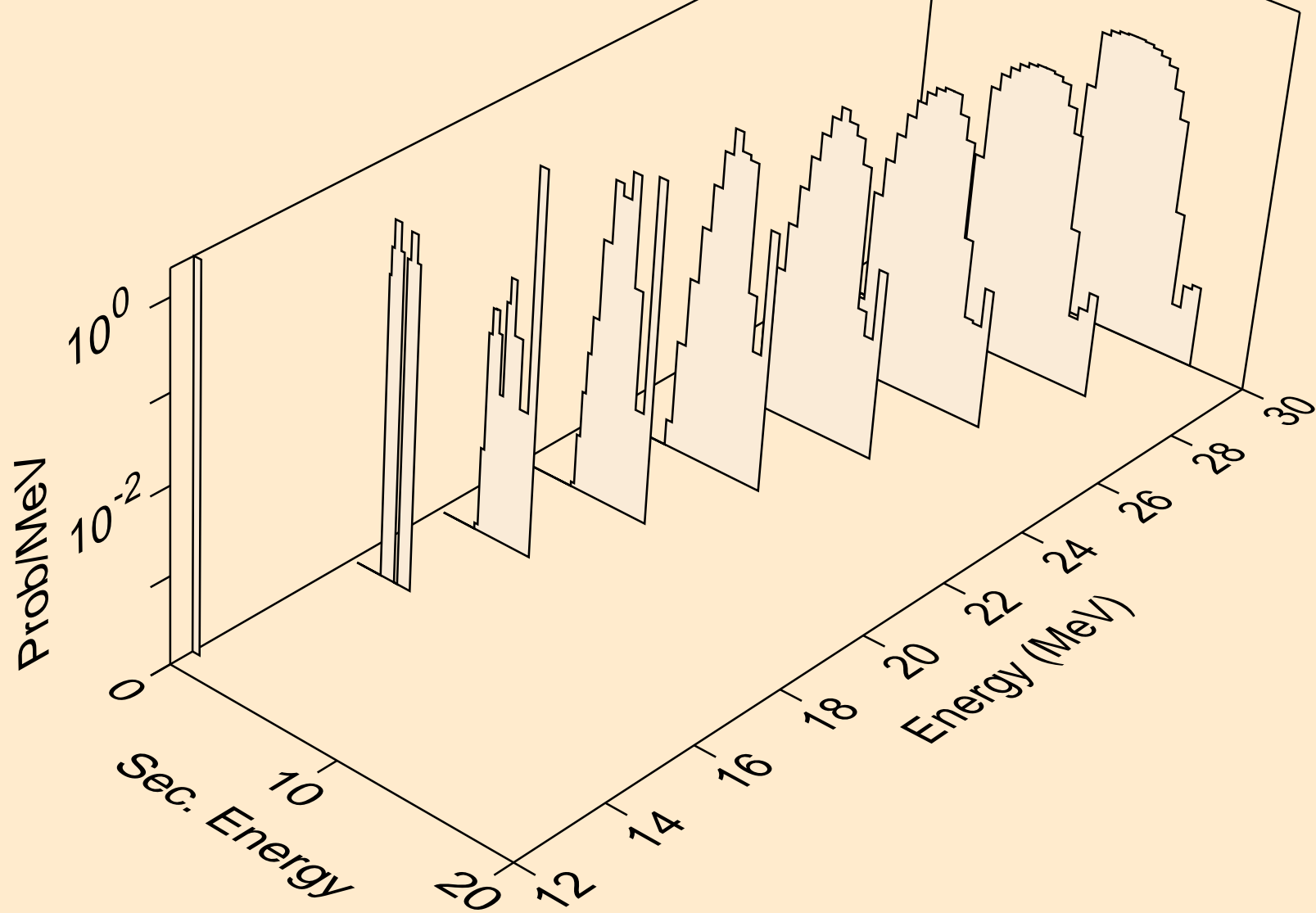
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he3s from (p,x)



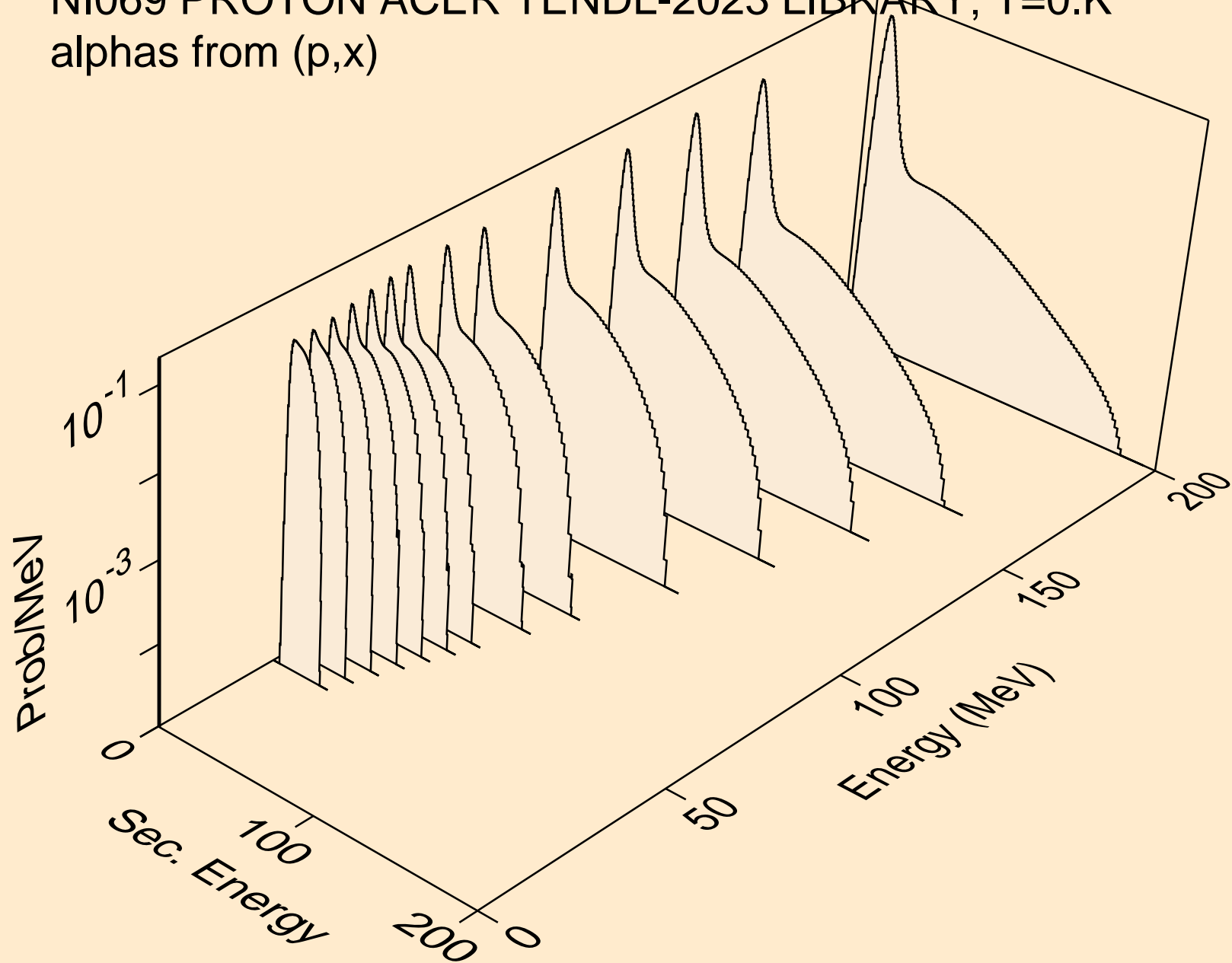
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



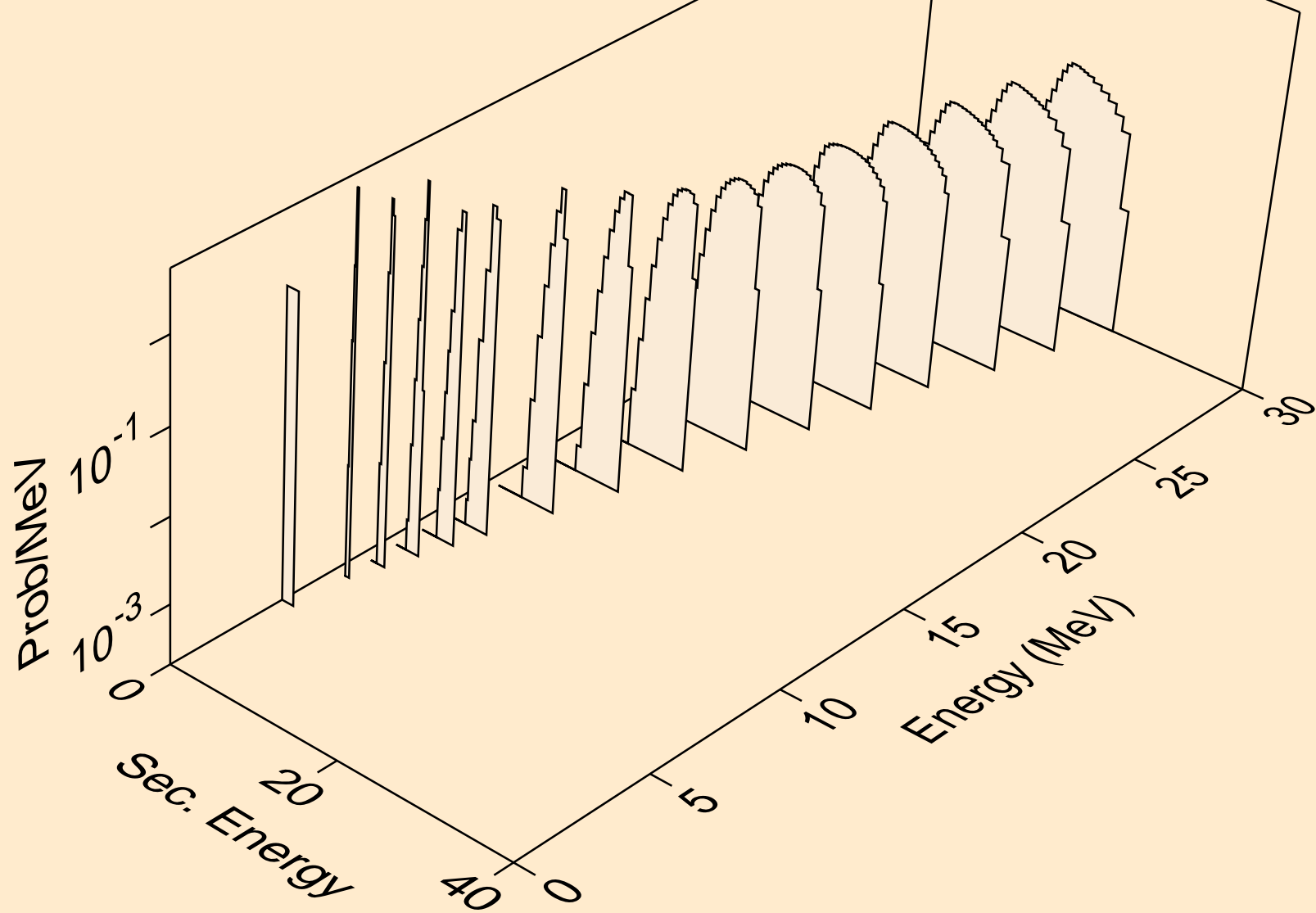
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he3s from (p,he3)



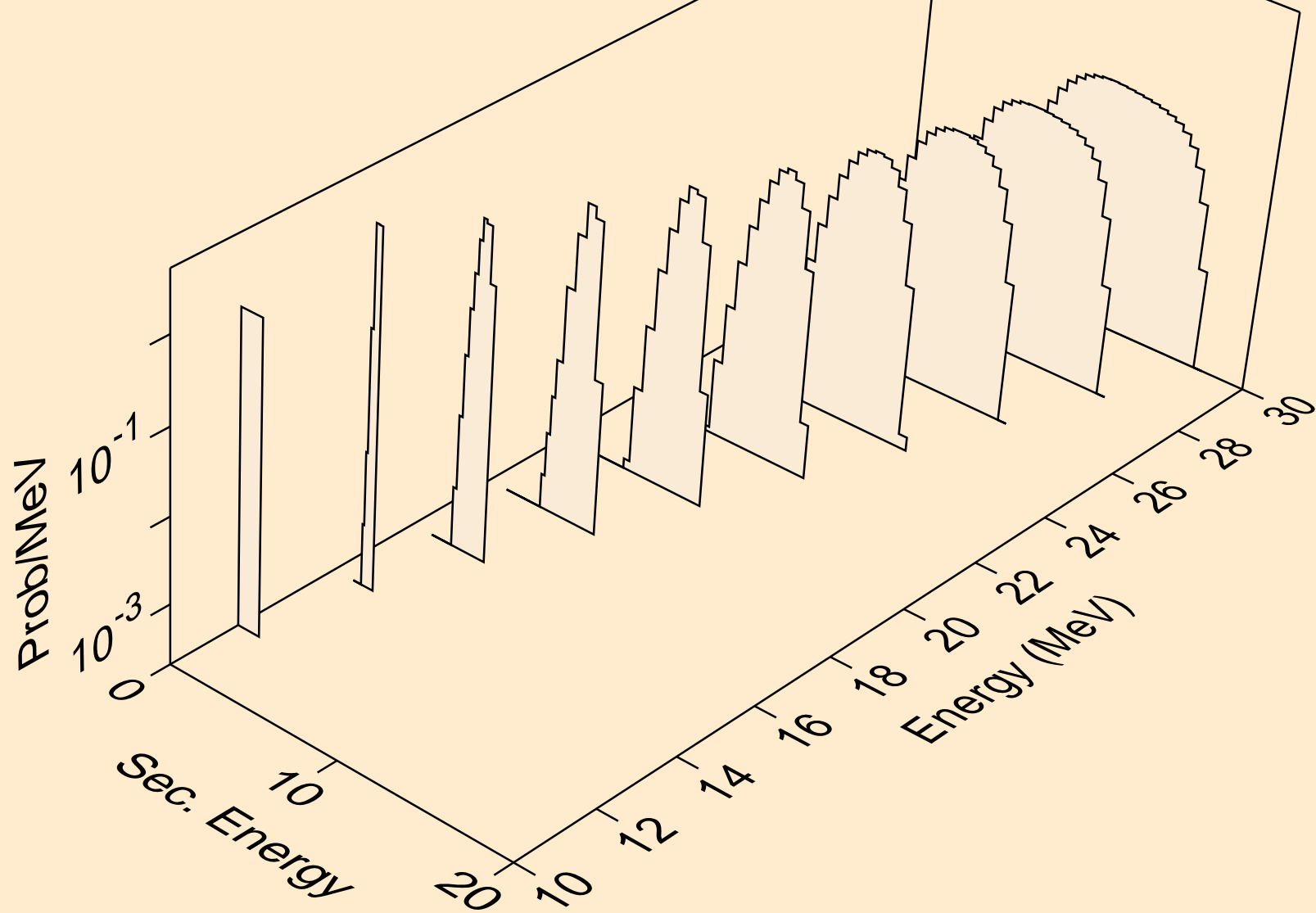
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



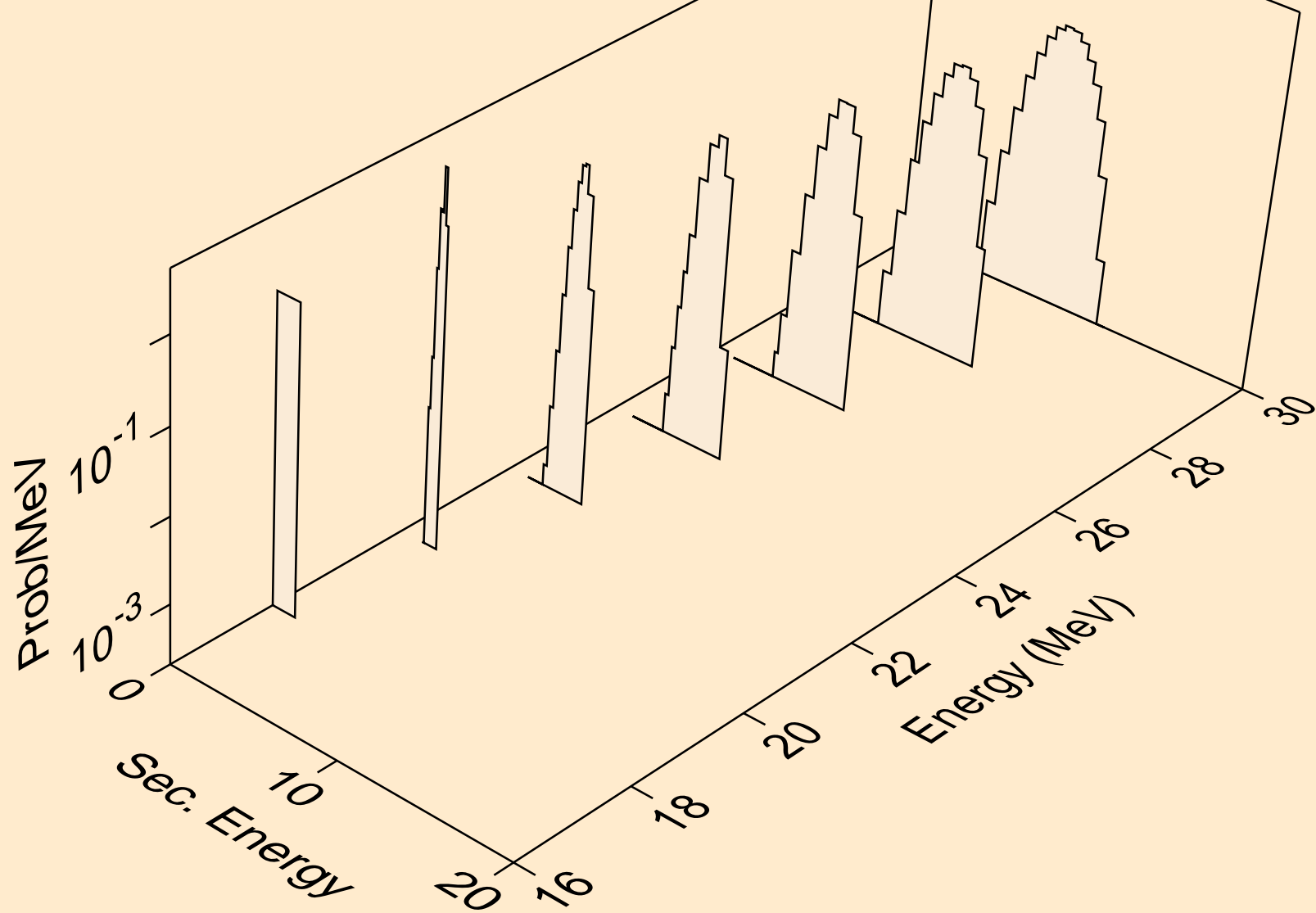
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

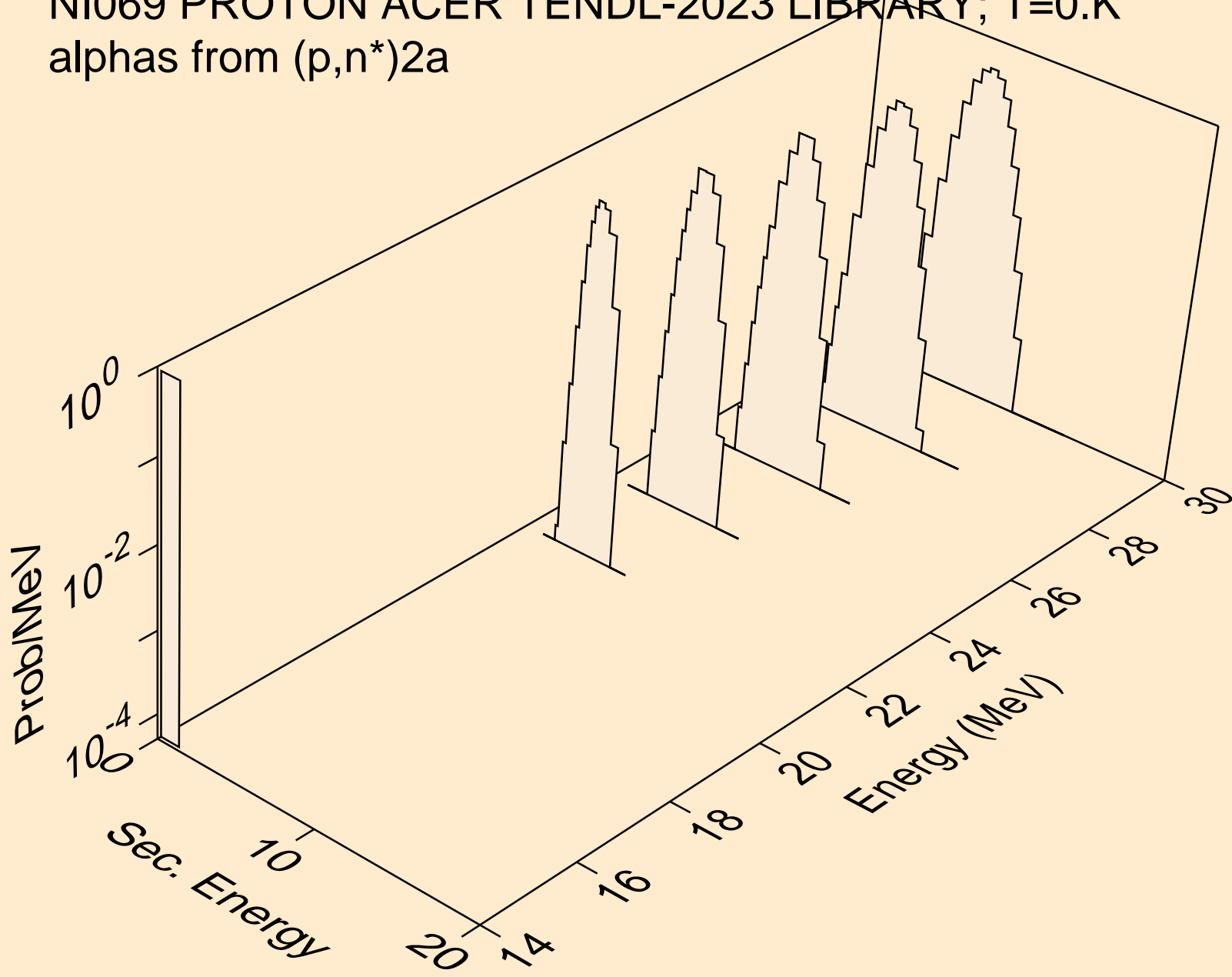


NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

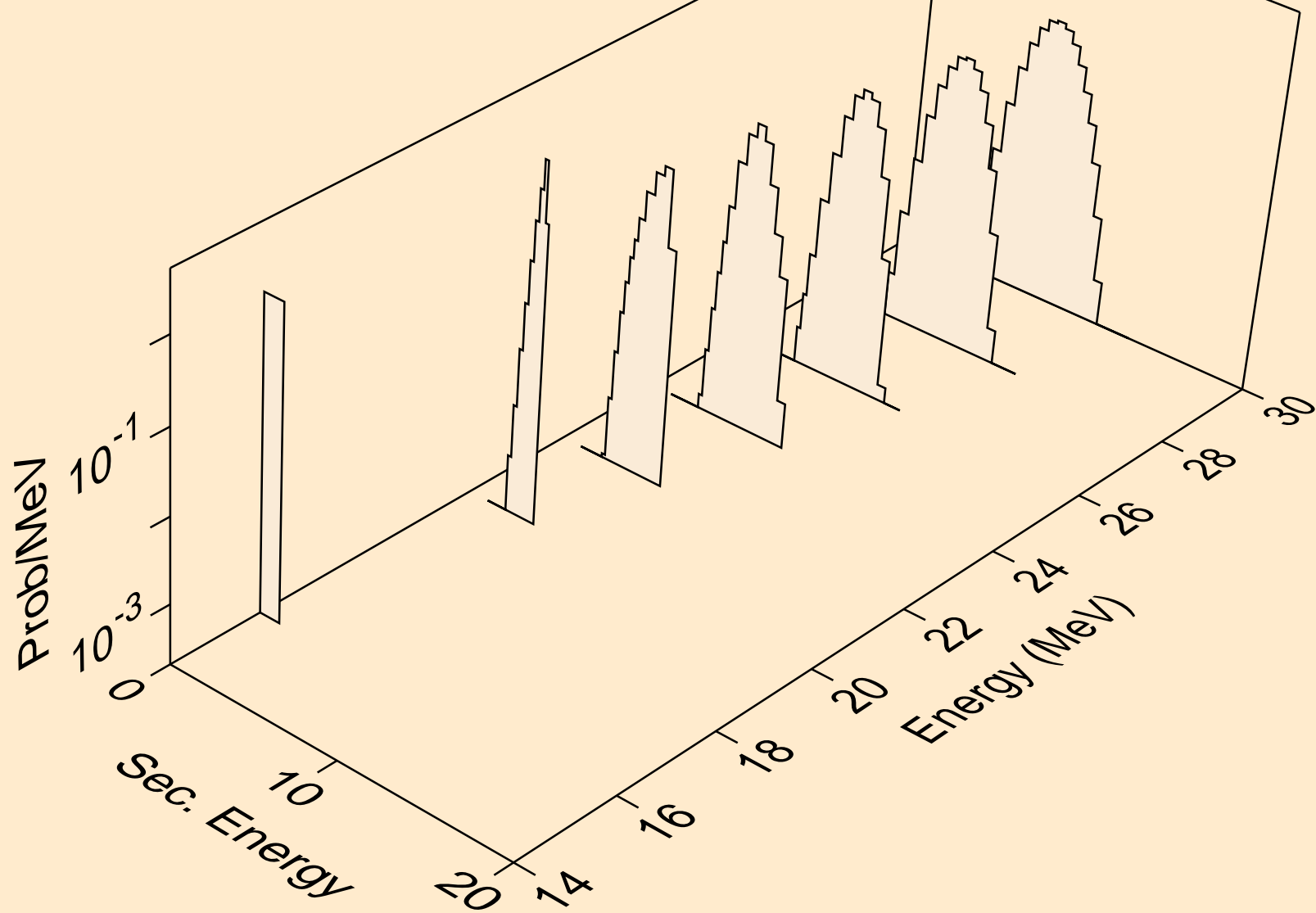




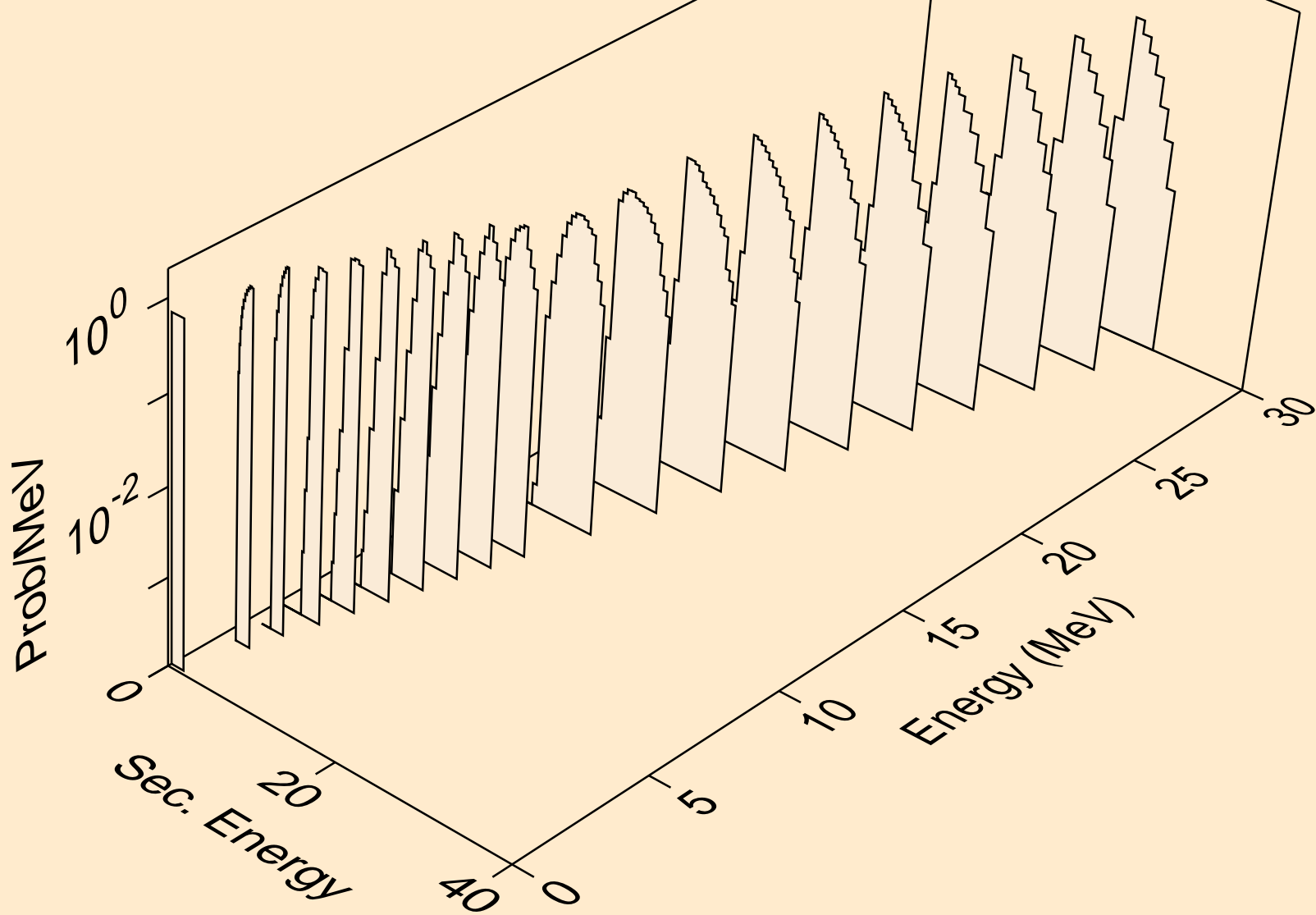
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



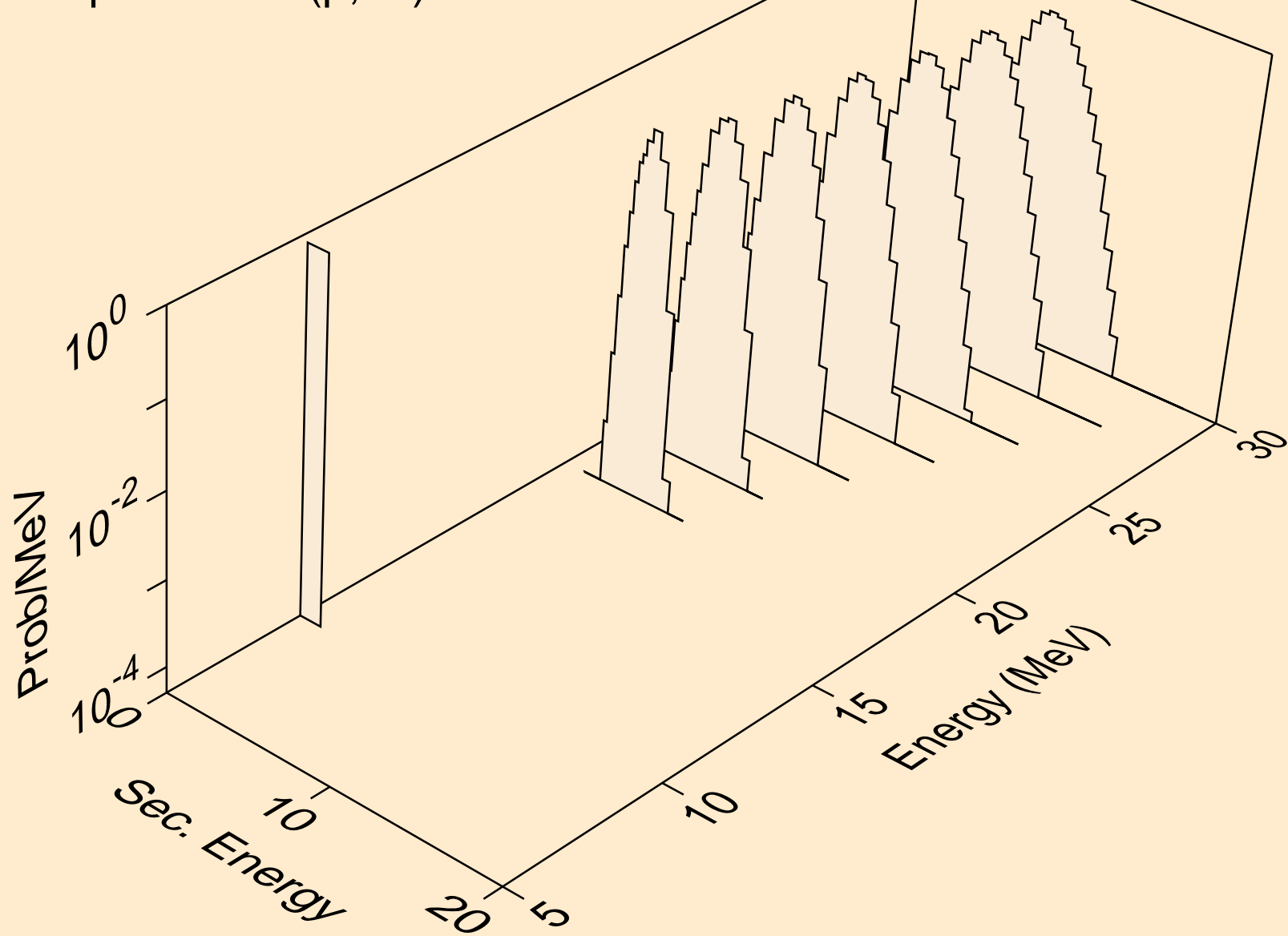
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alphas from (p,npa)



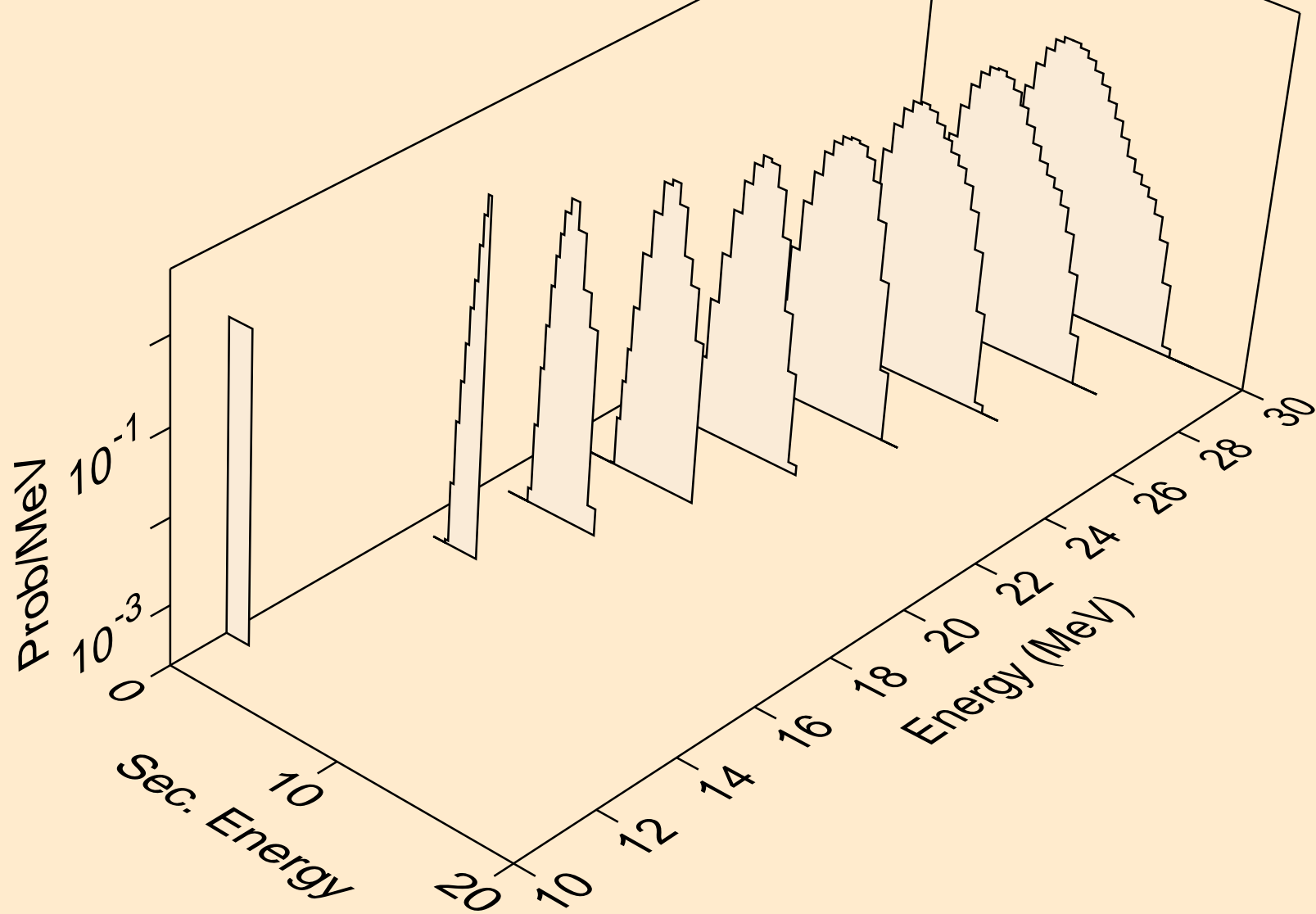
NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



NI069 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

