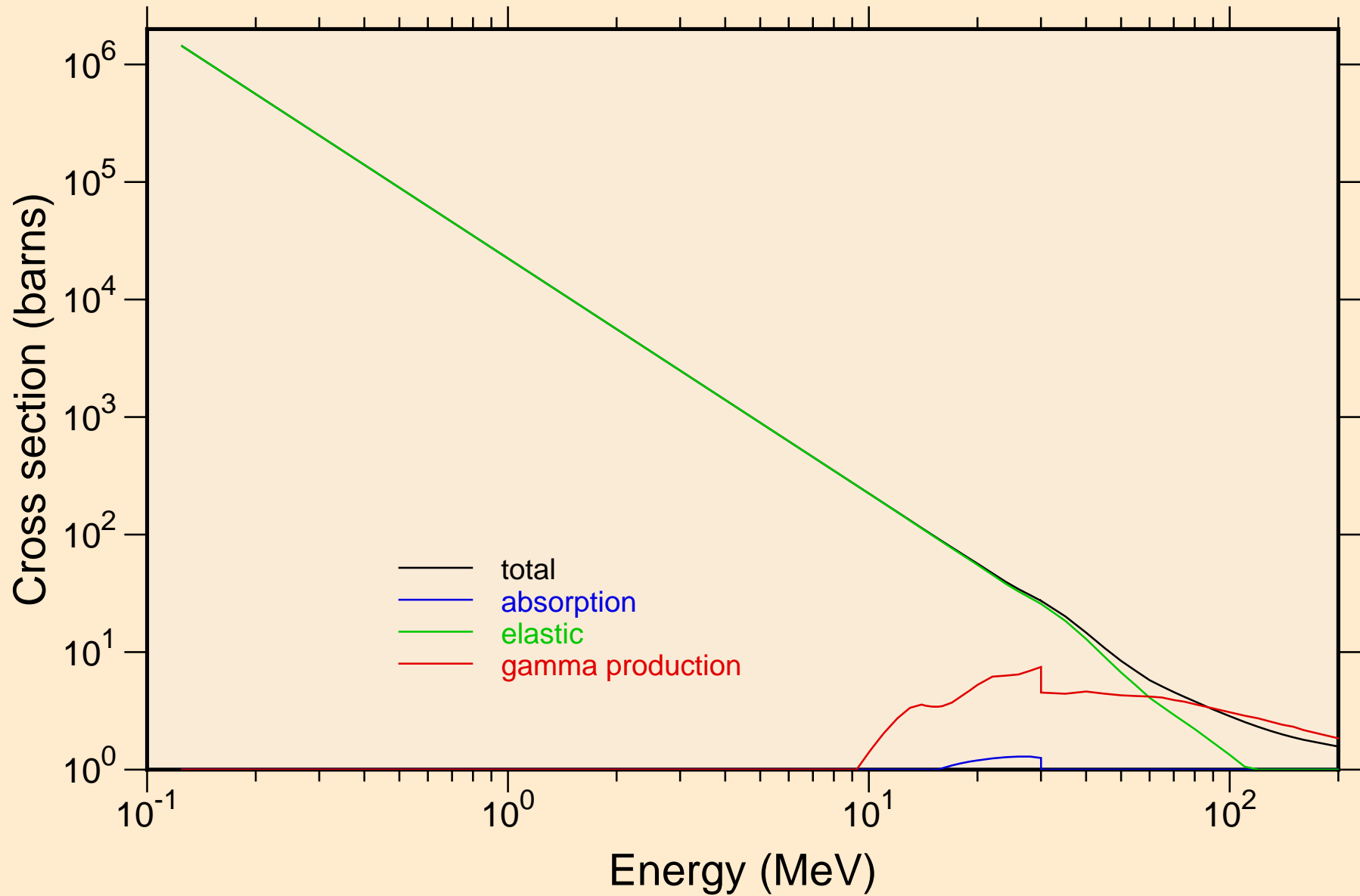
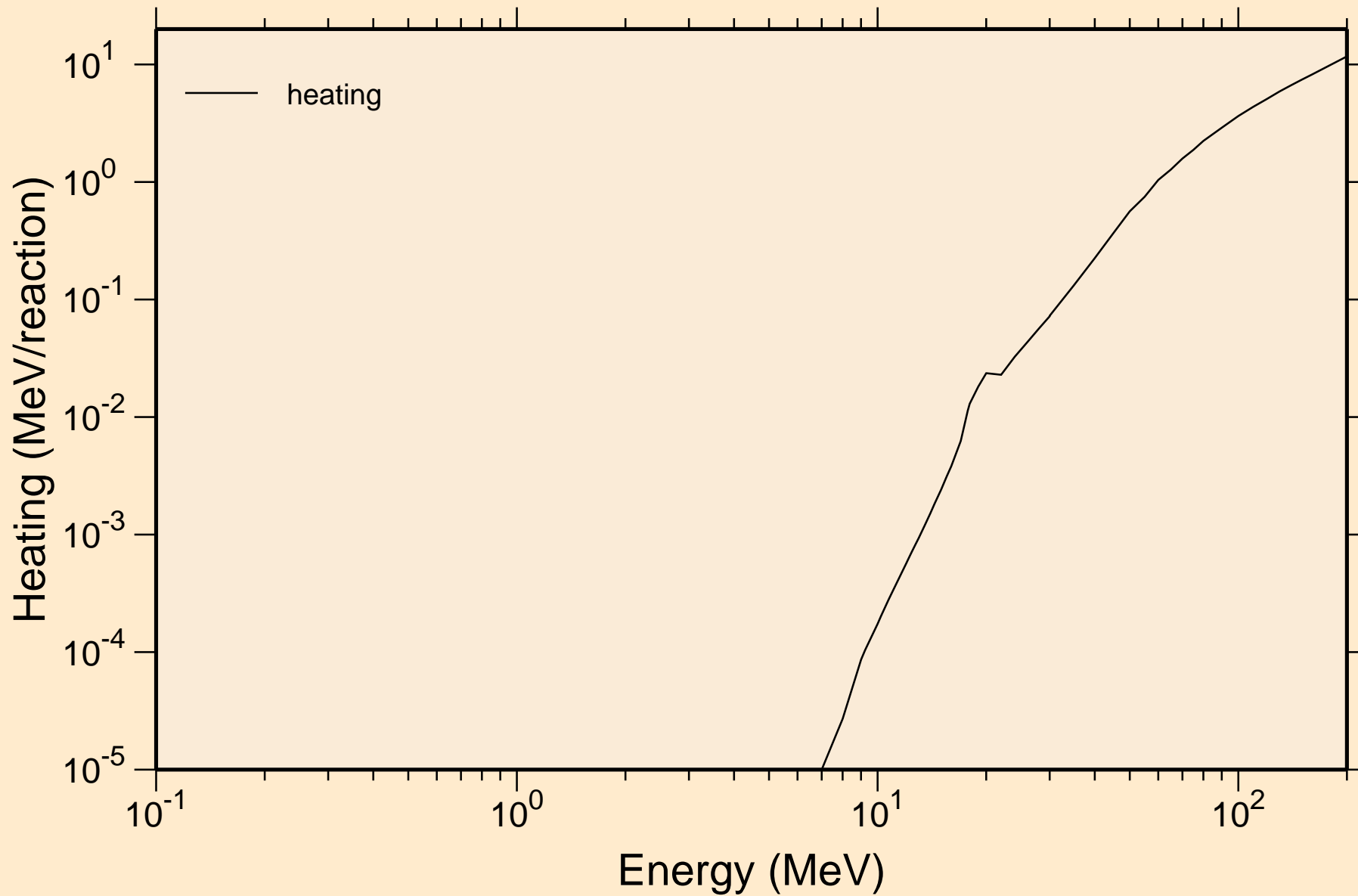


# ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

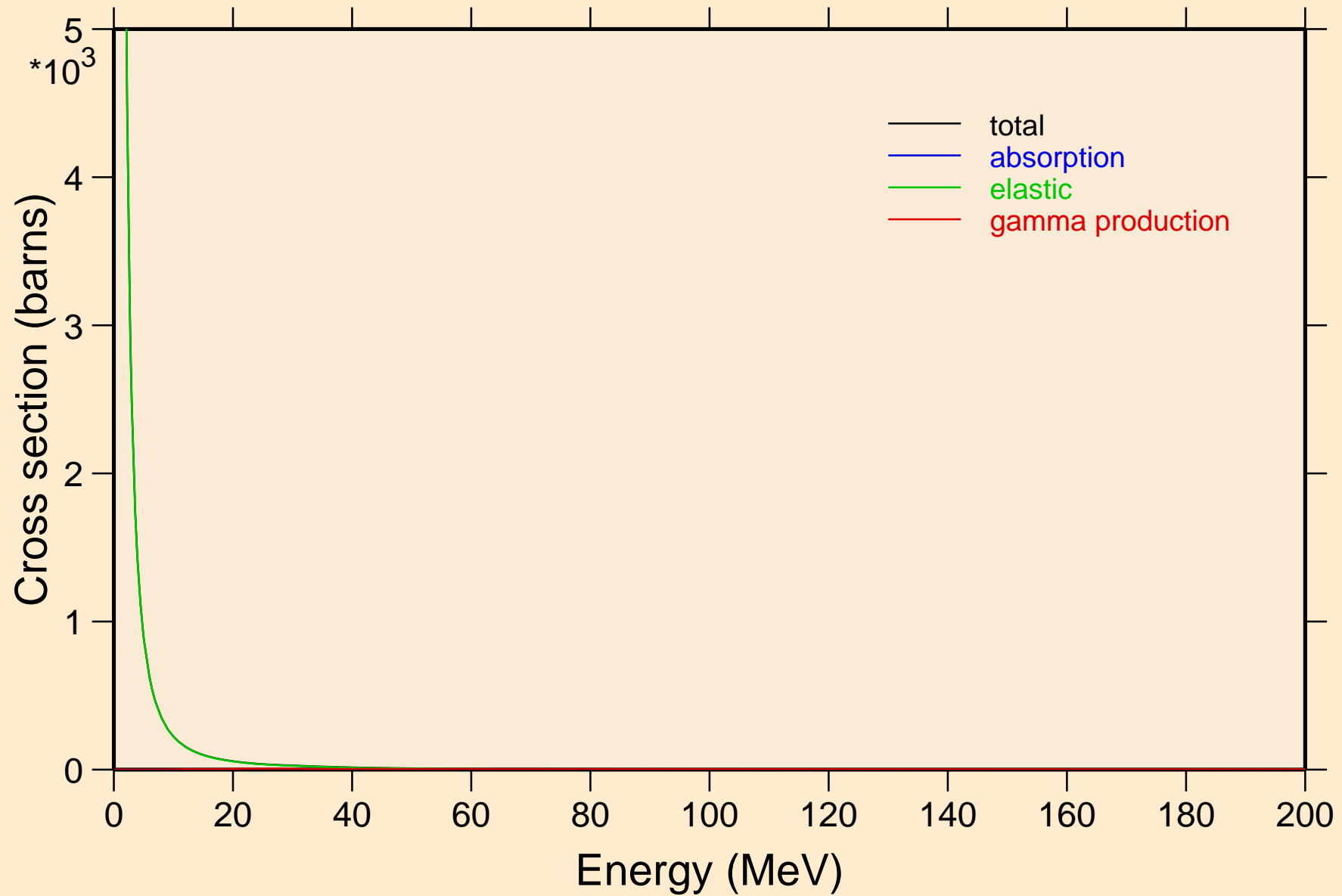
## Principal cross sections



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

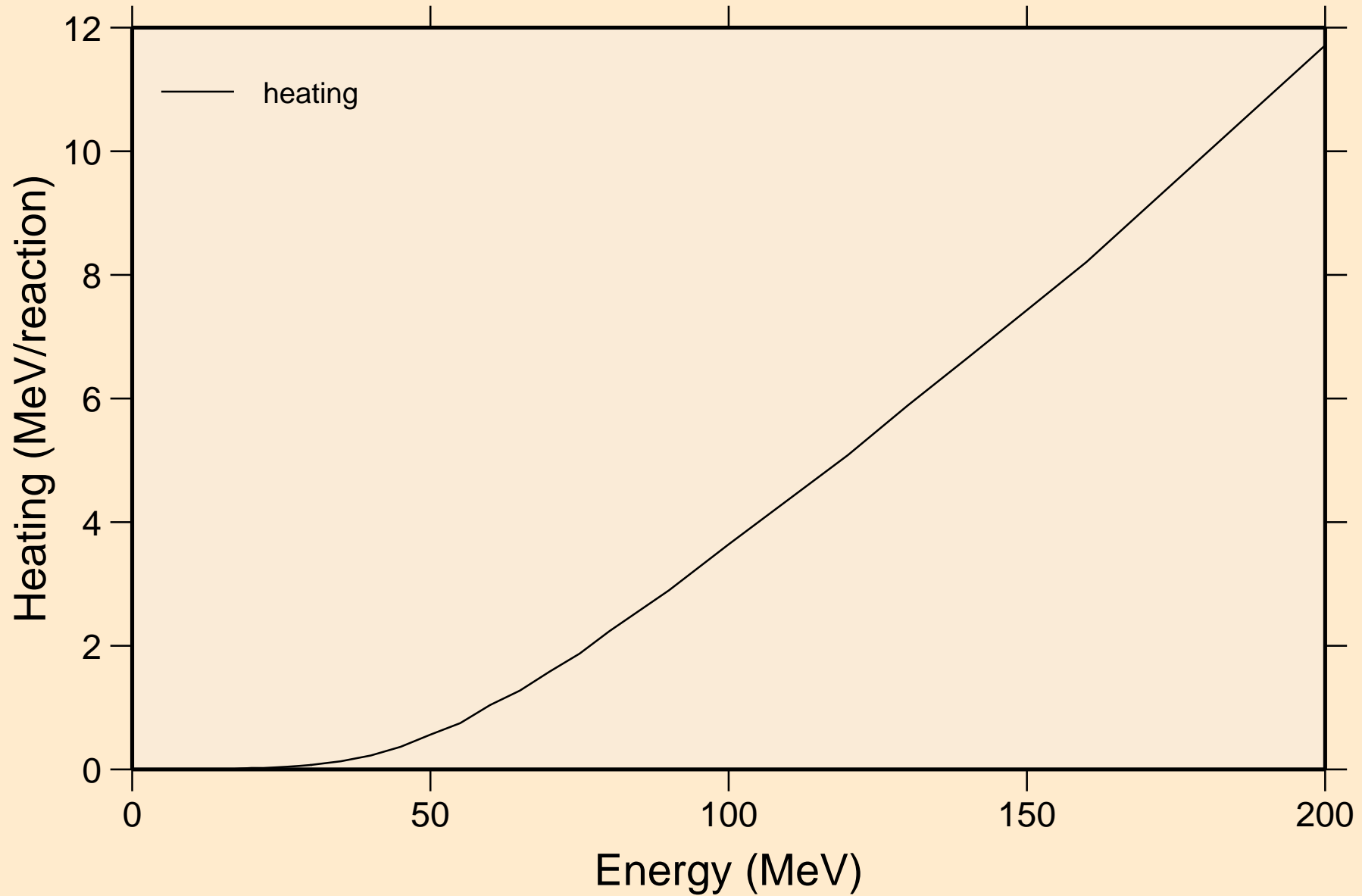


ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



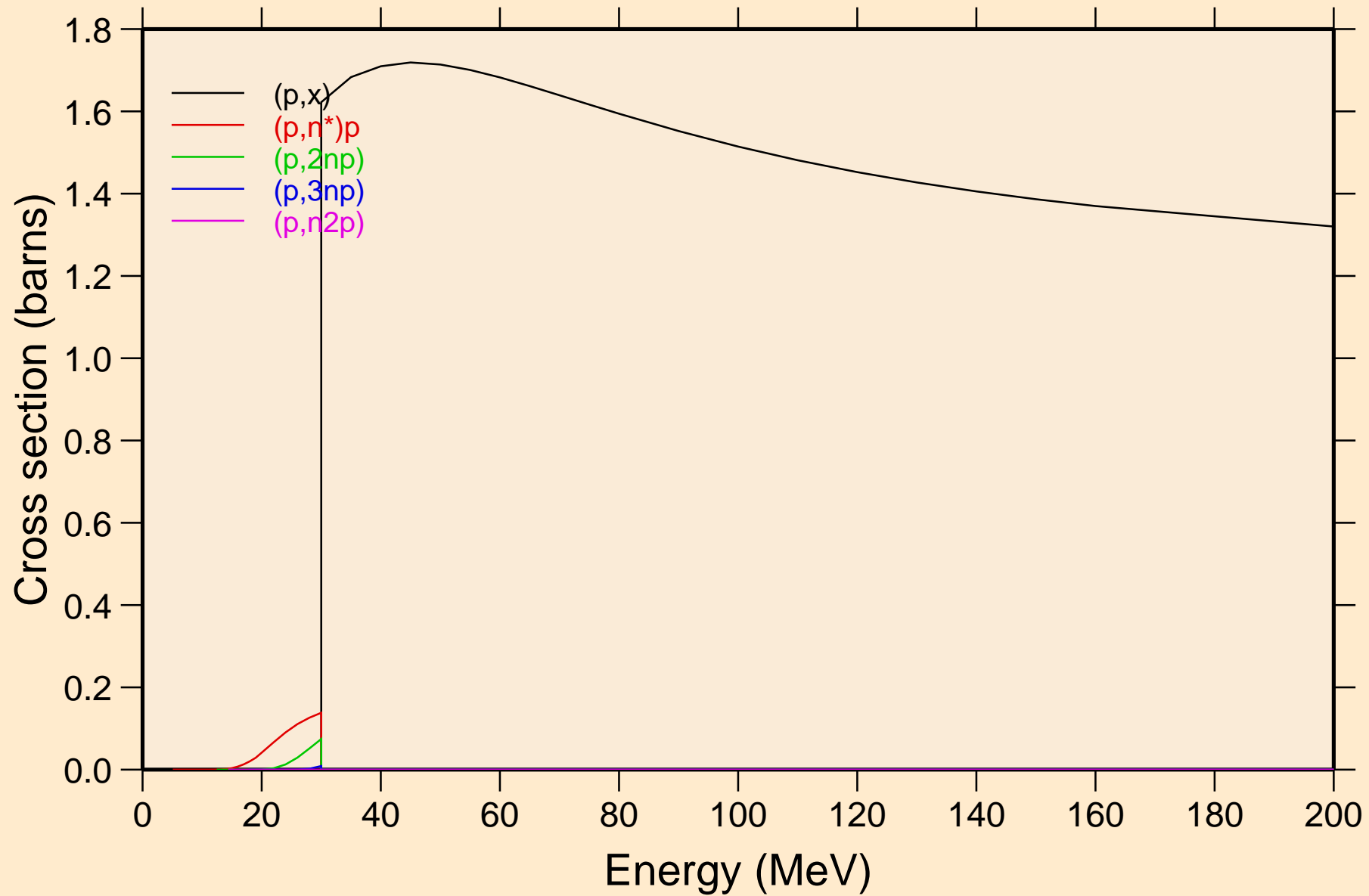
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## Heating



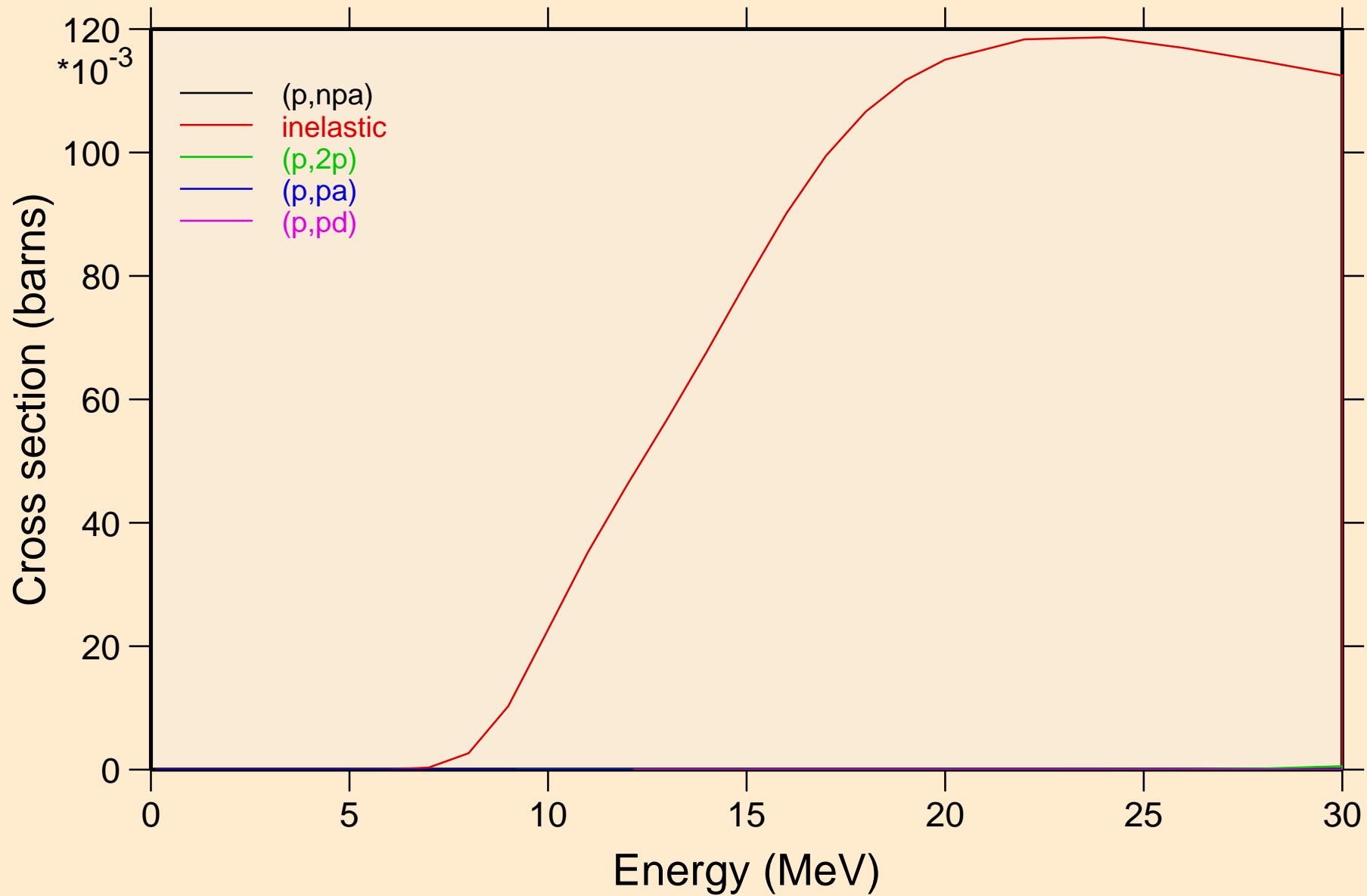
# ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

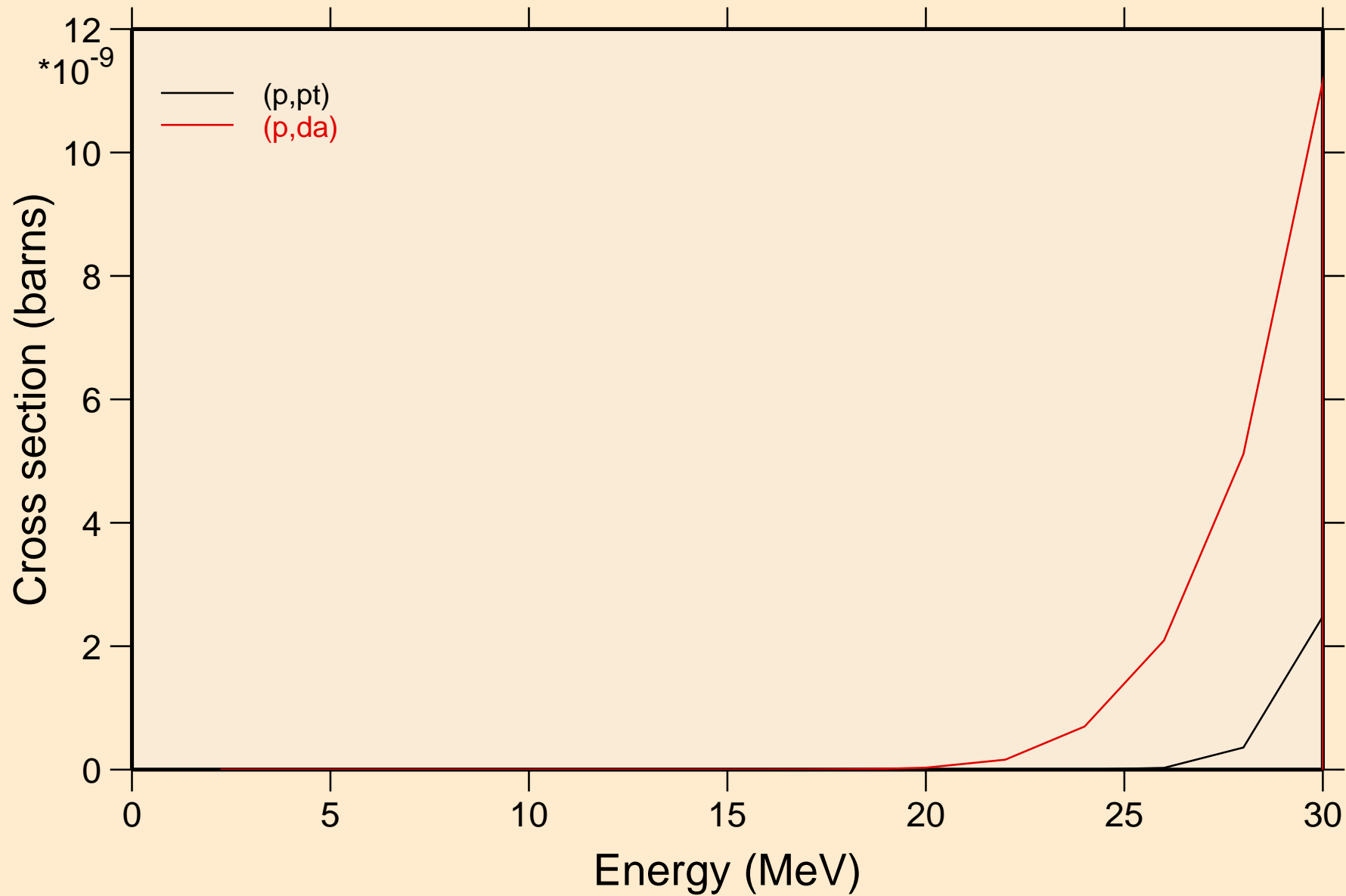


# ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

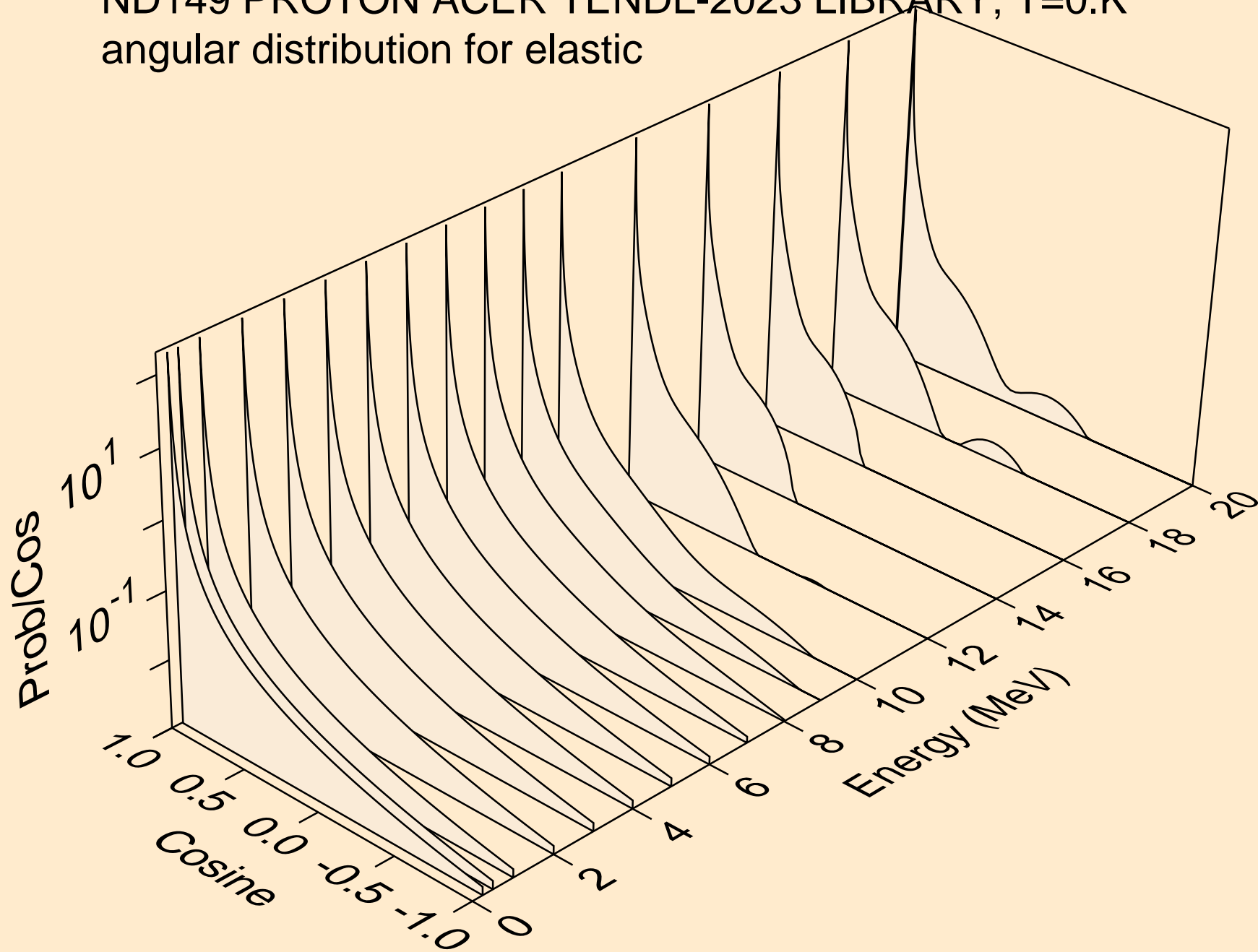
## Threshold reactions



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

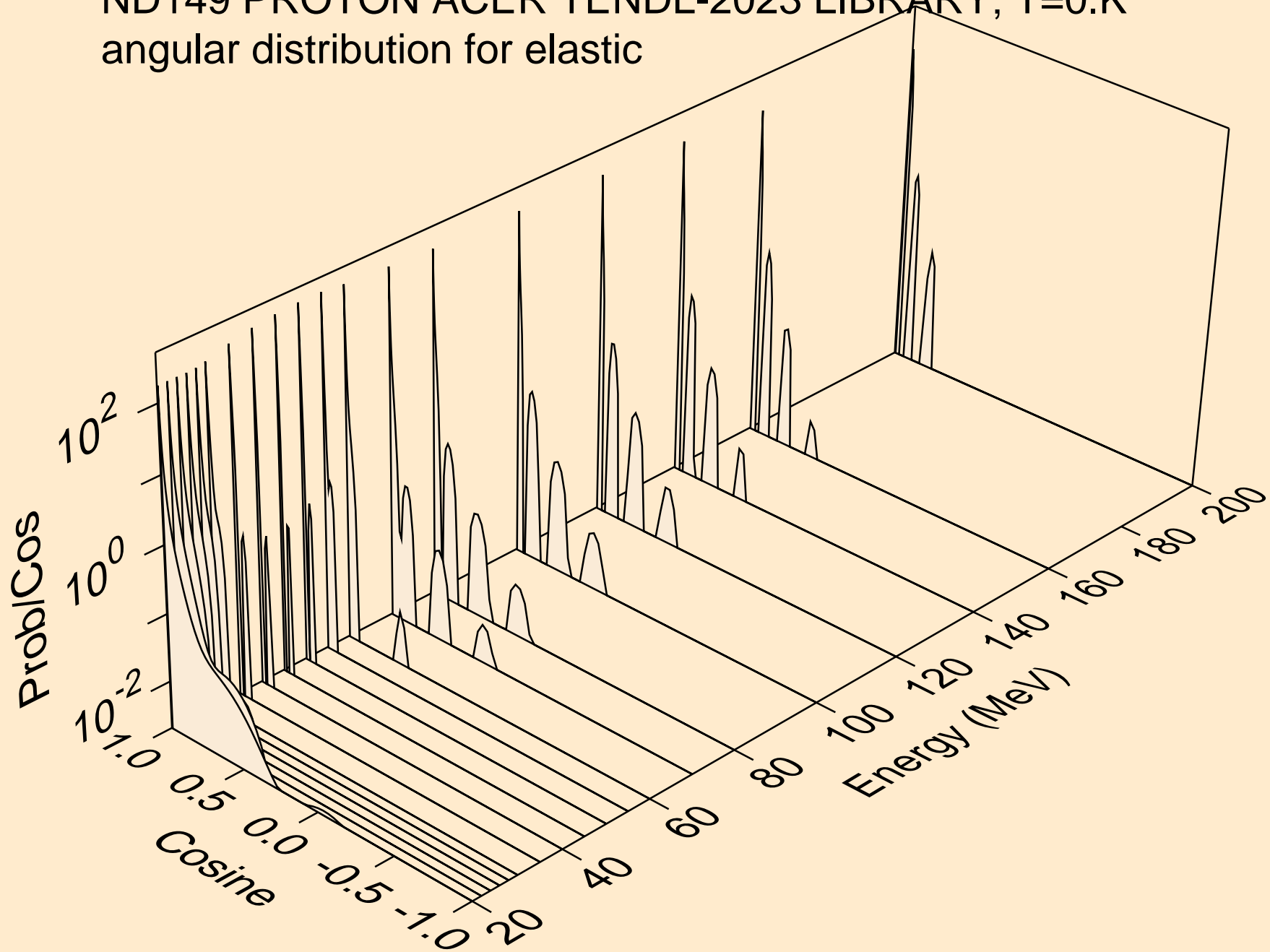


ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

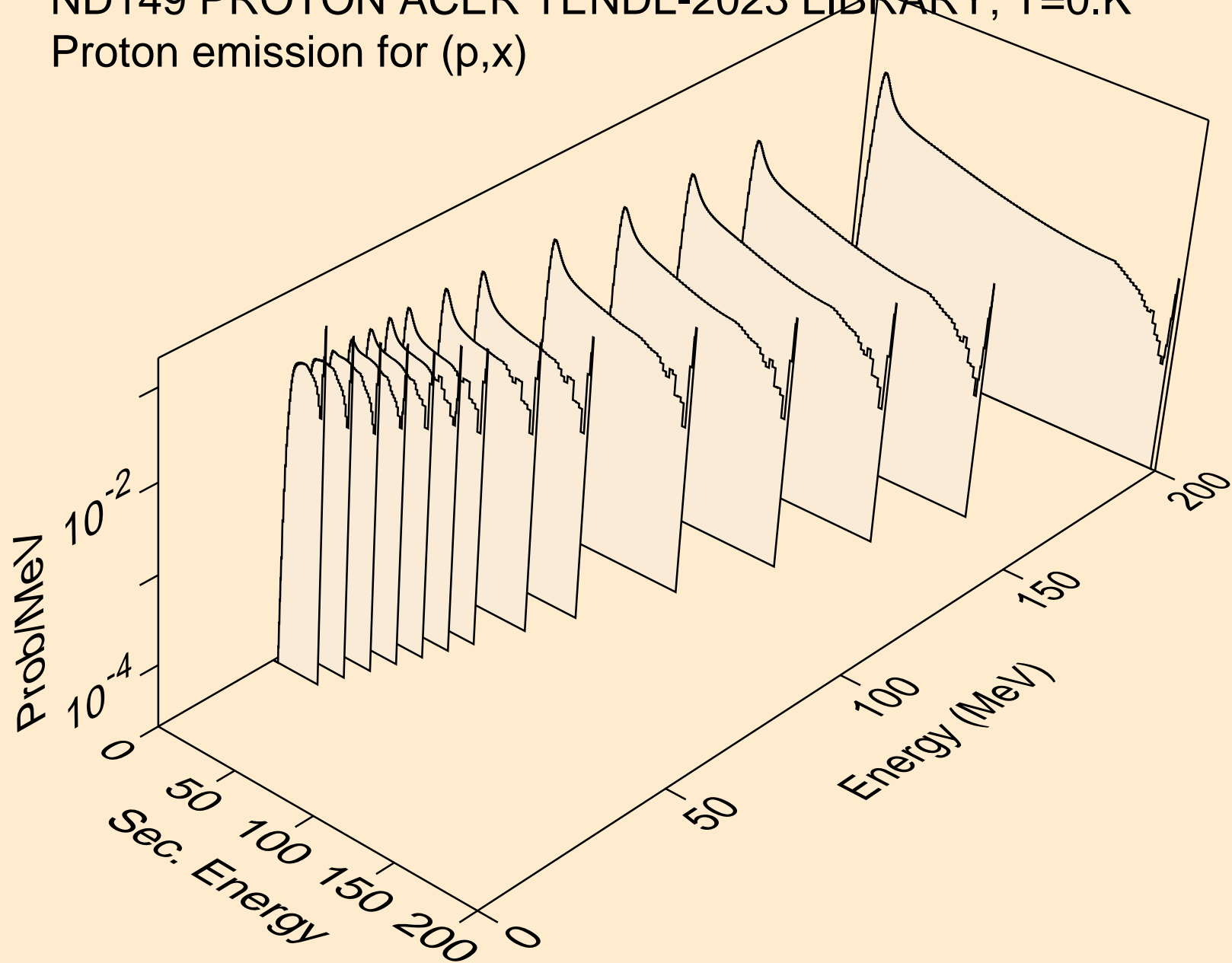




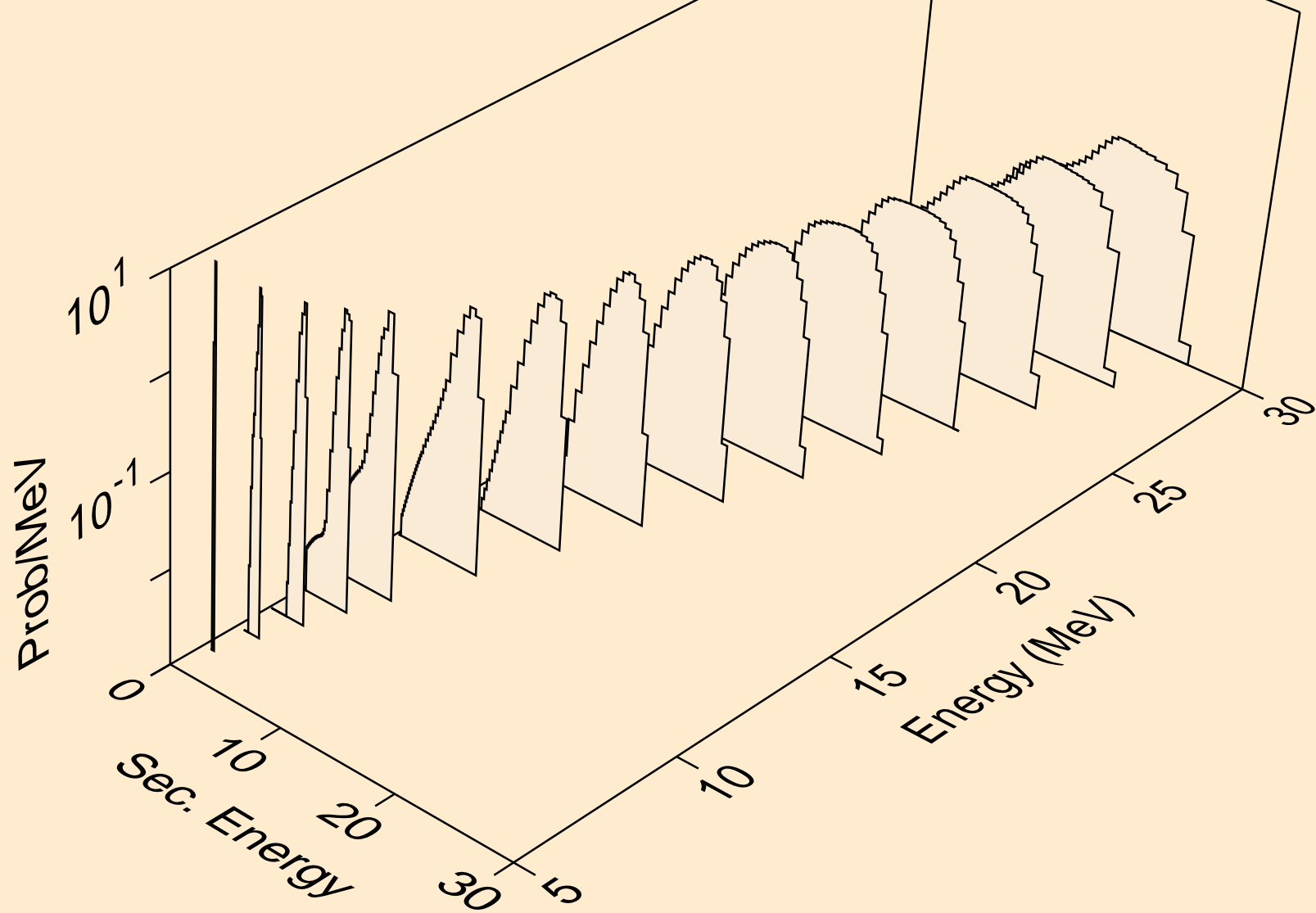
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



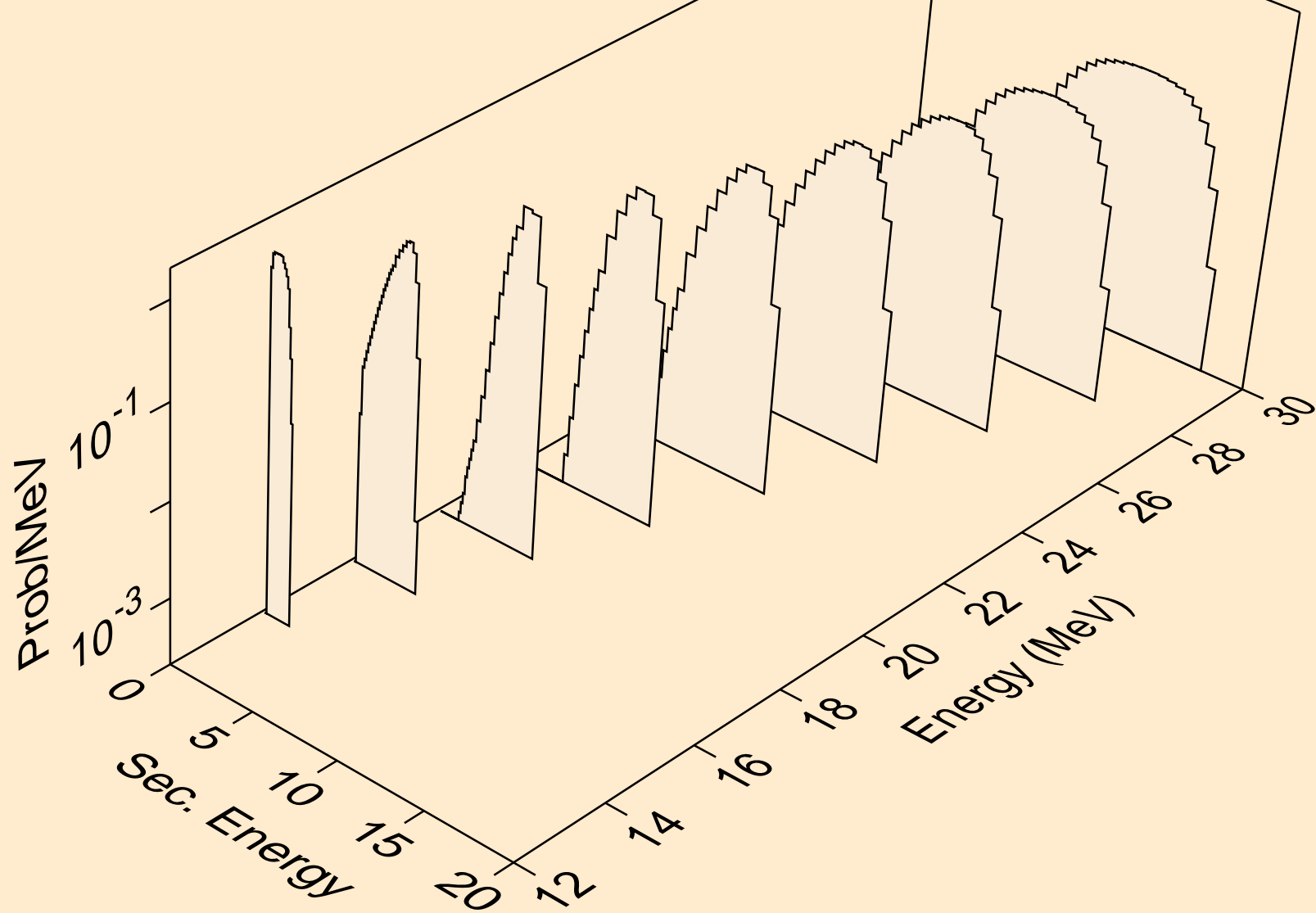
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



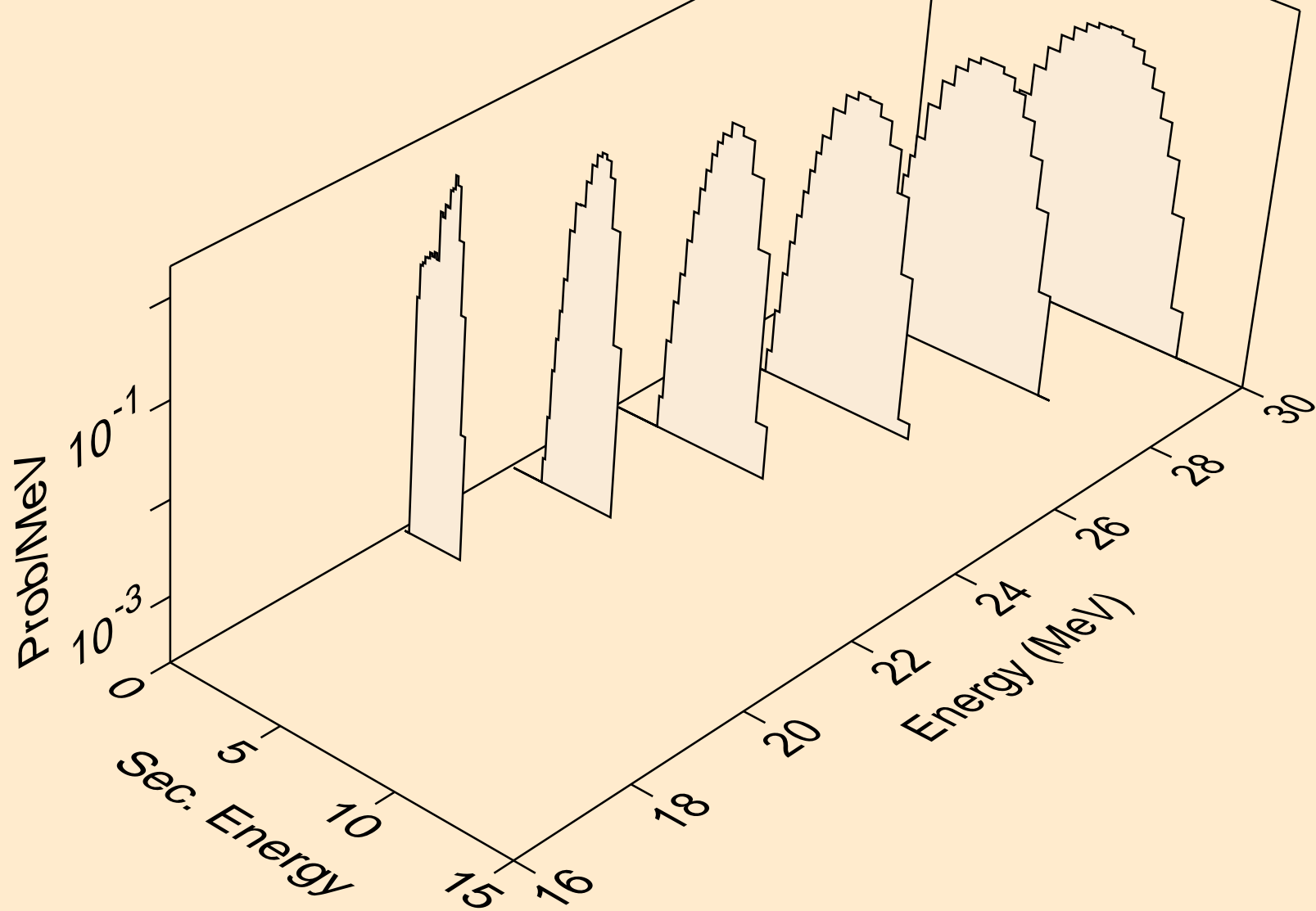
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



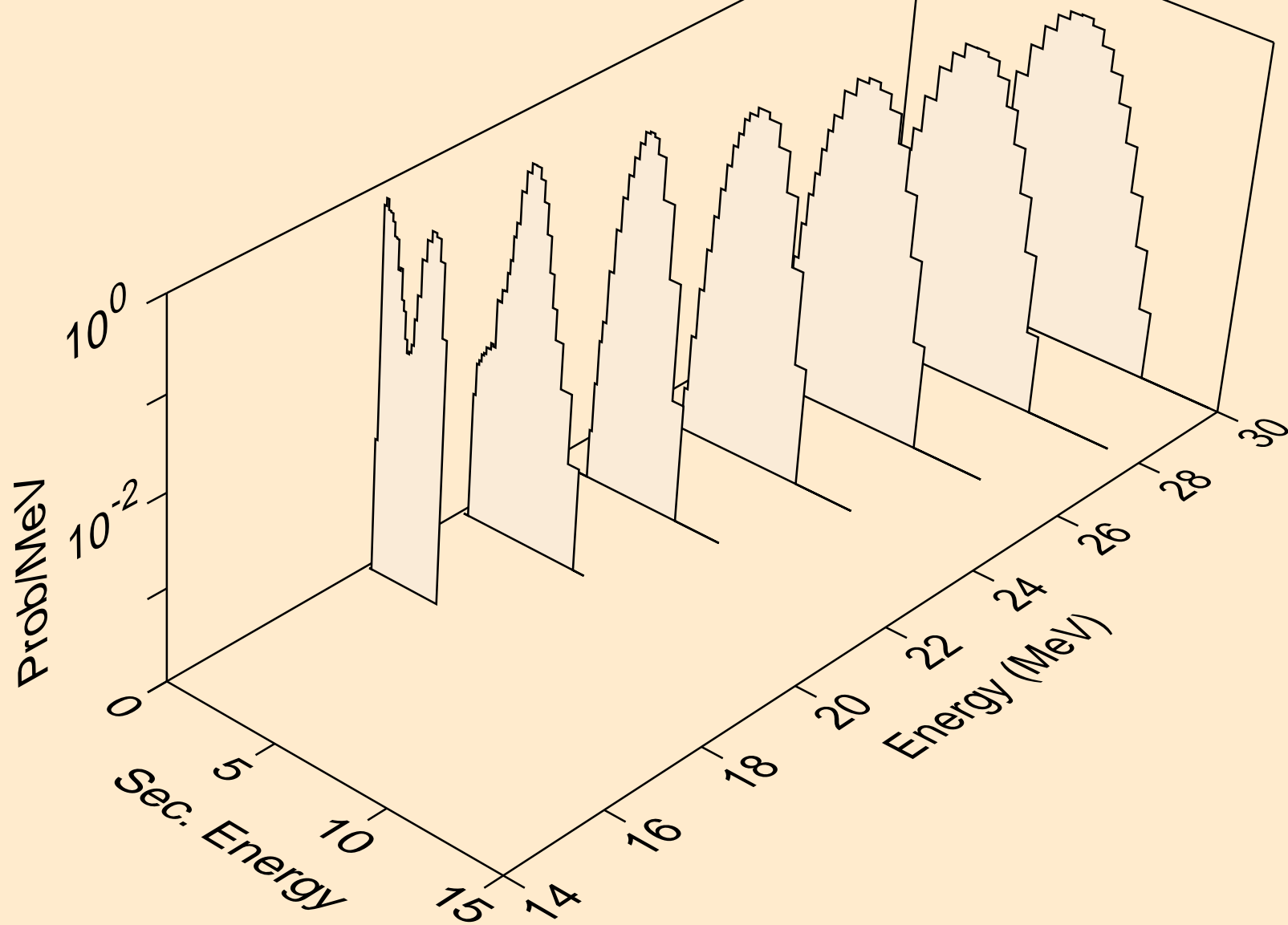
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



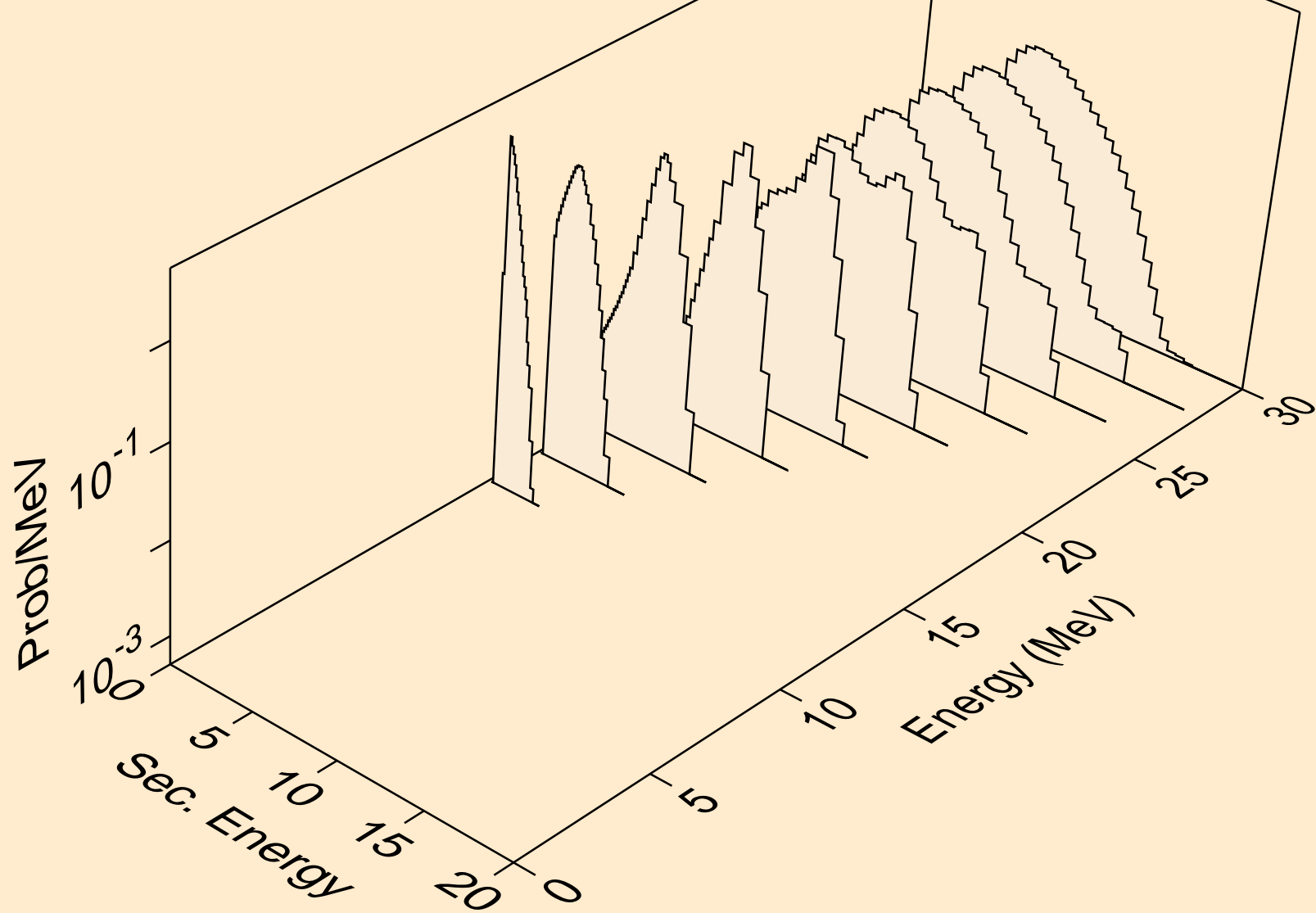
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



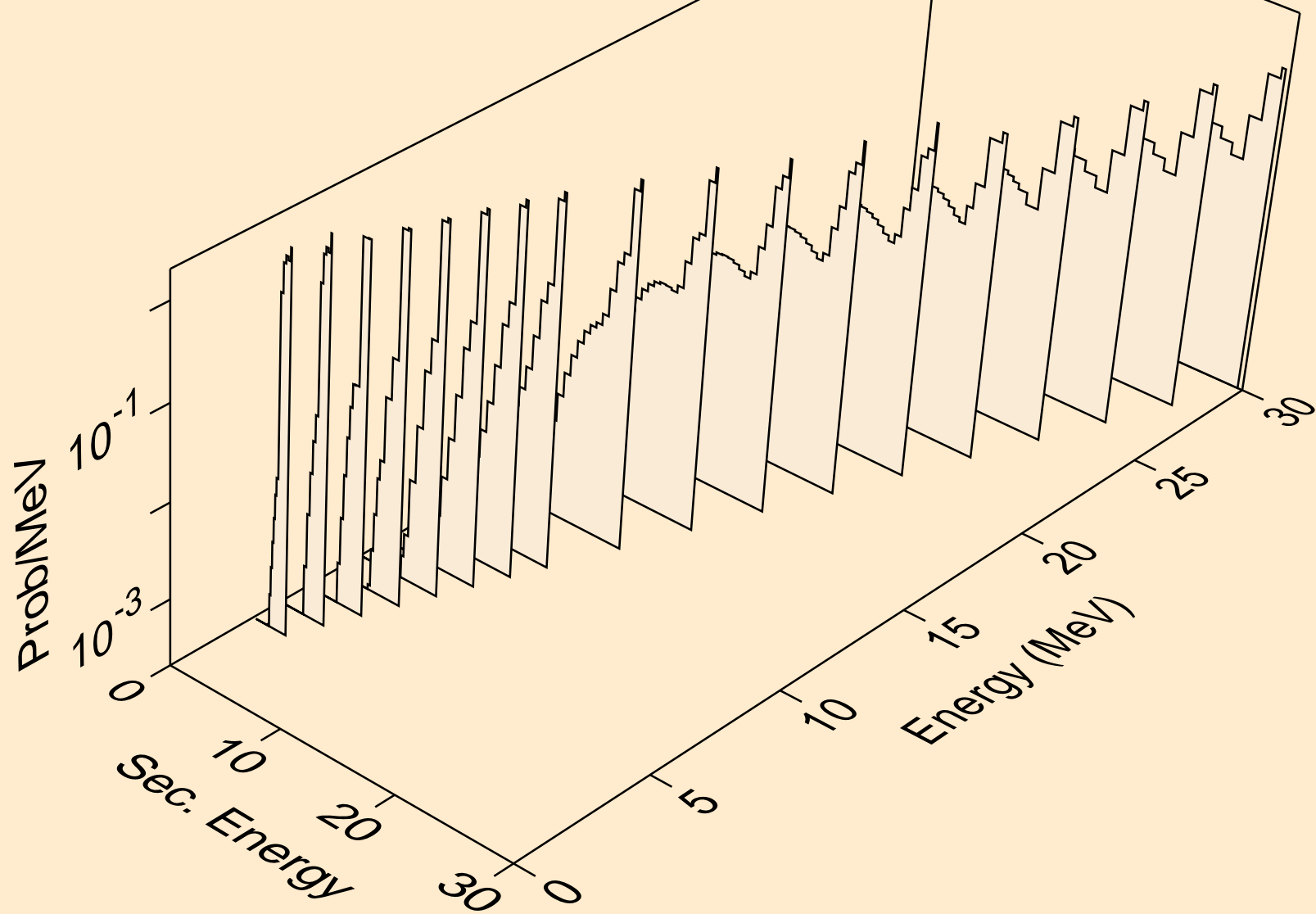
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

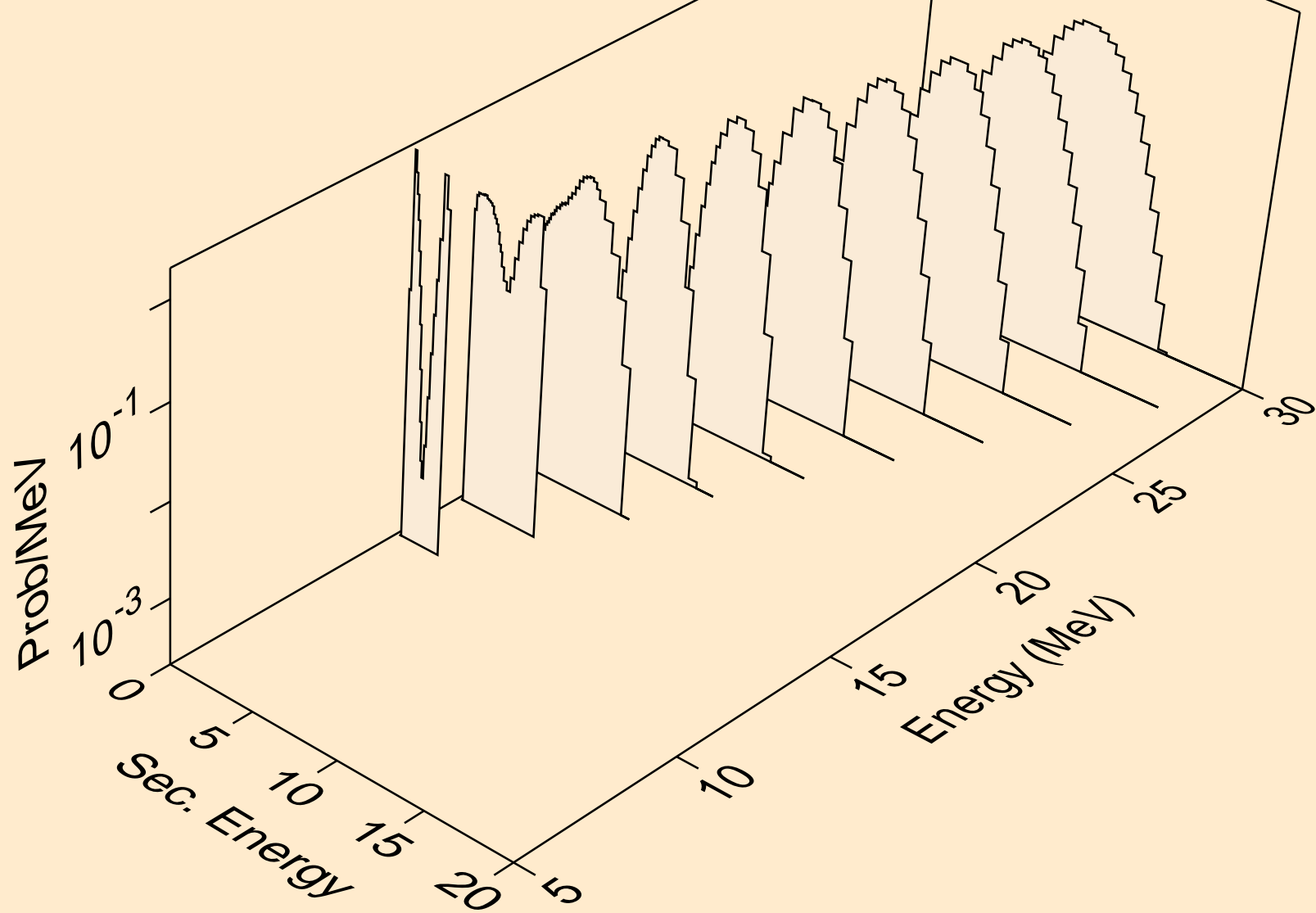


ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

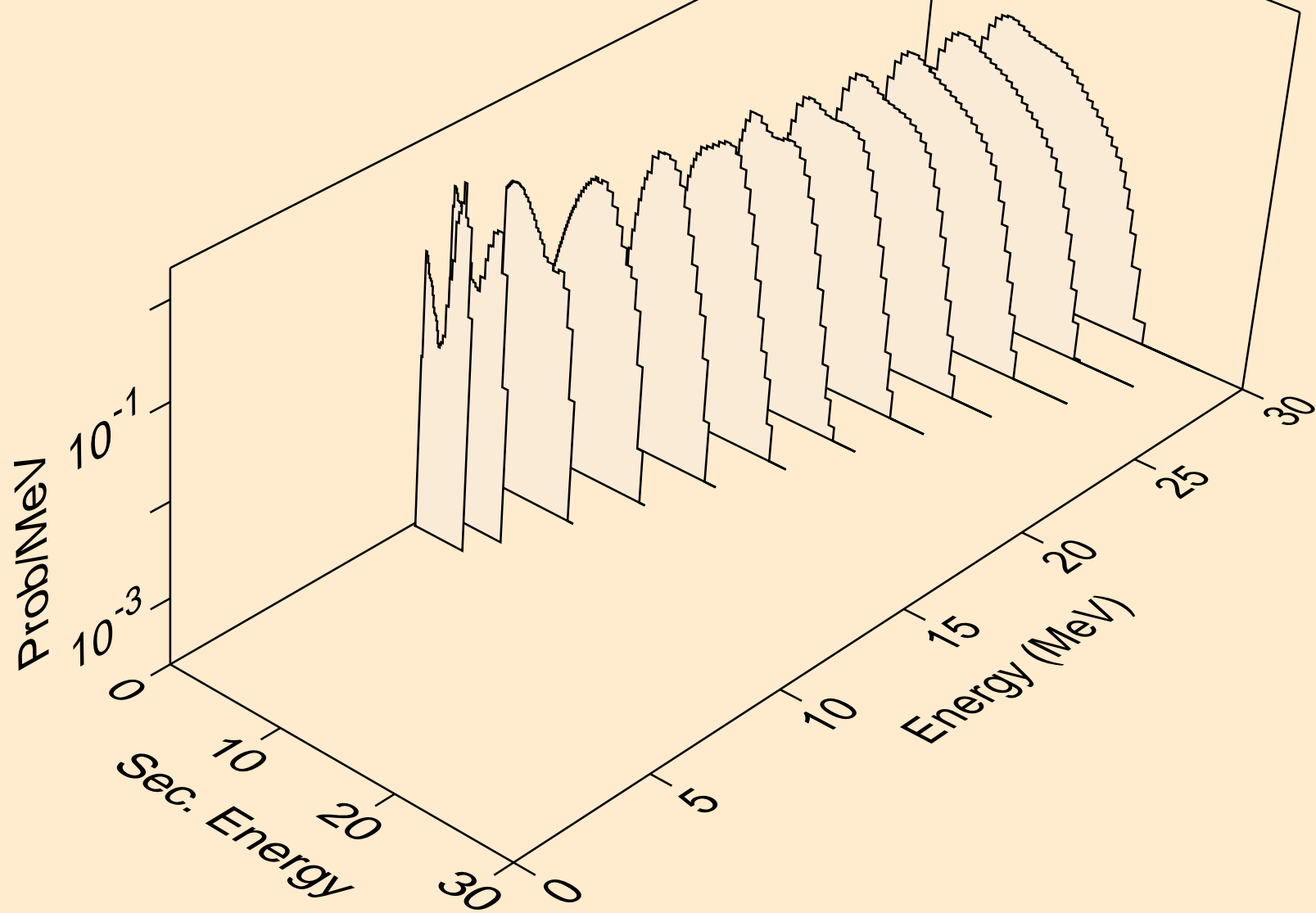




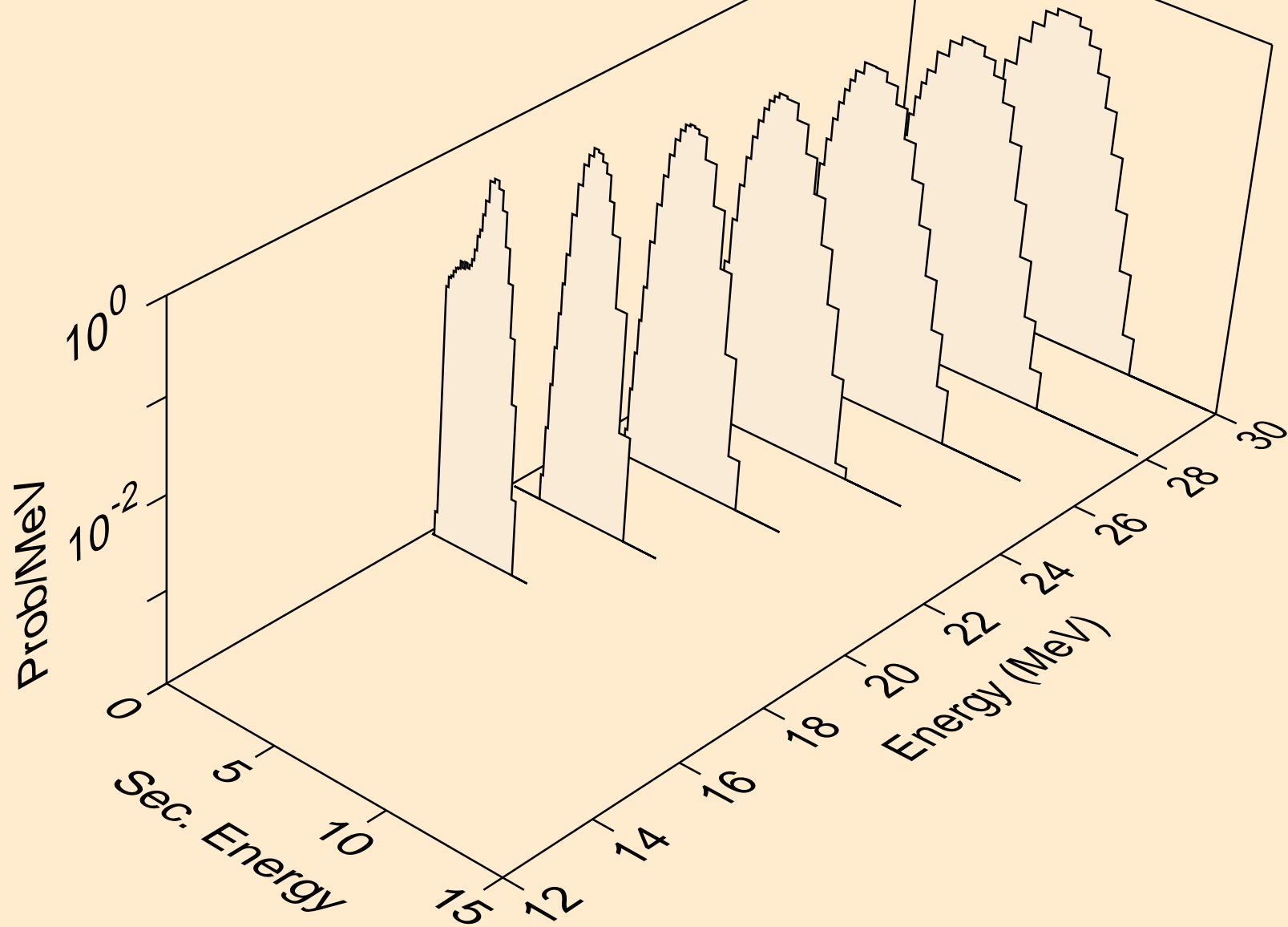
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



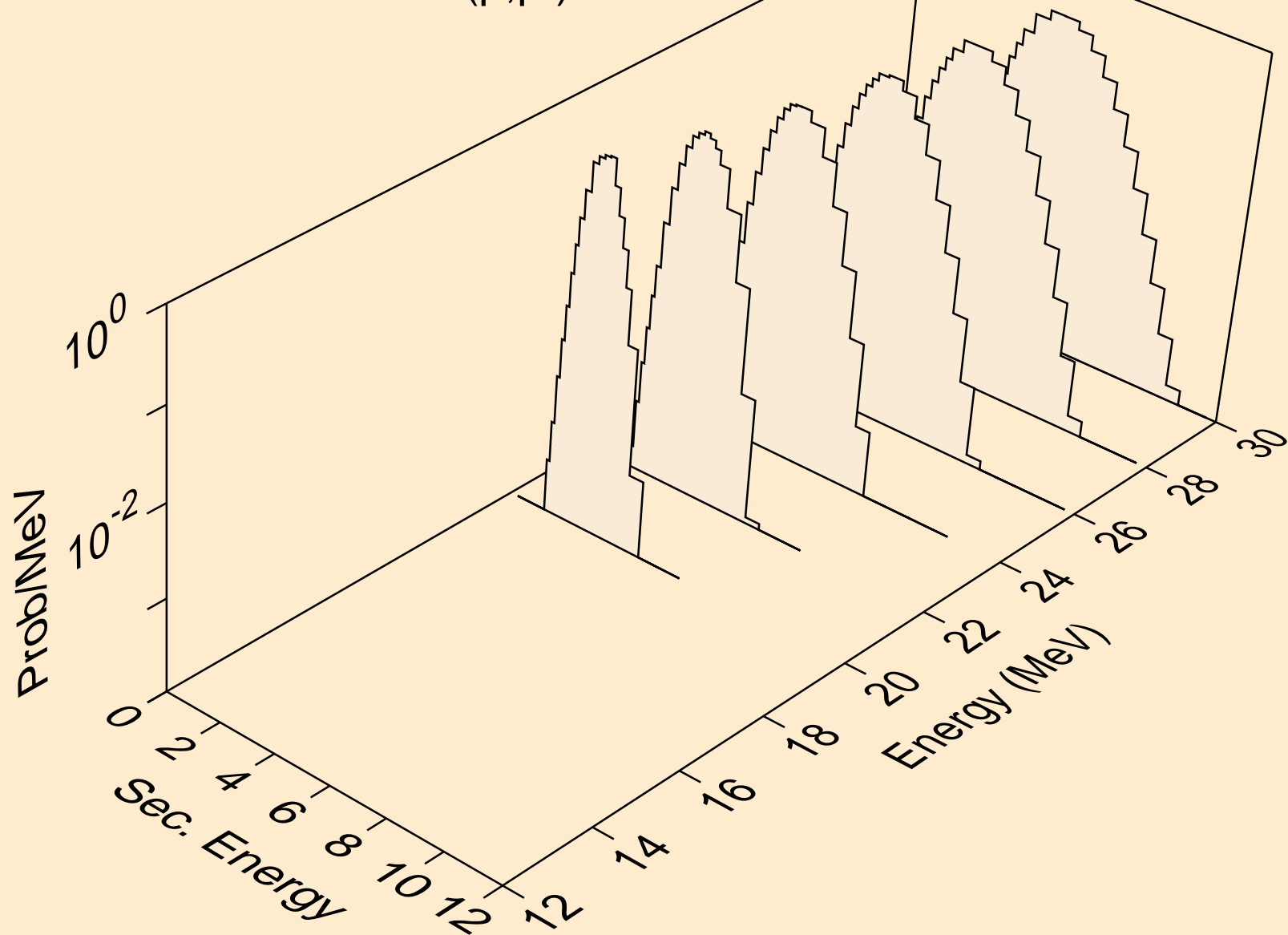
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



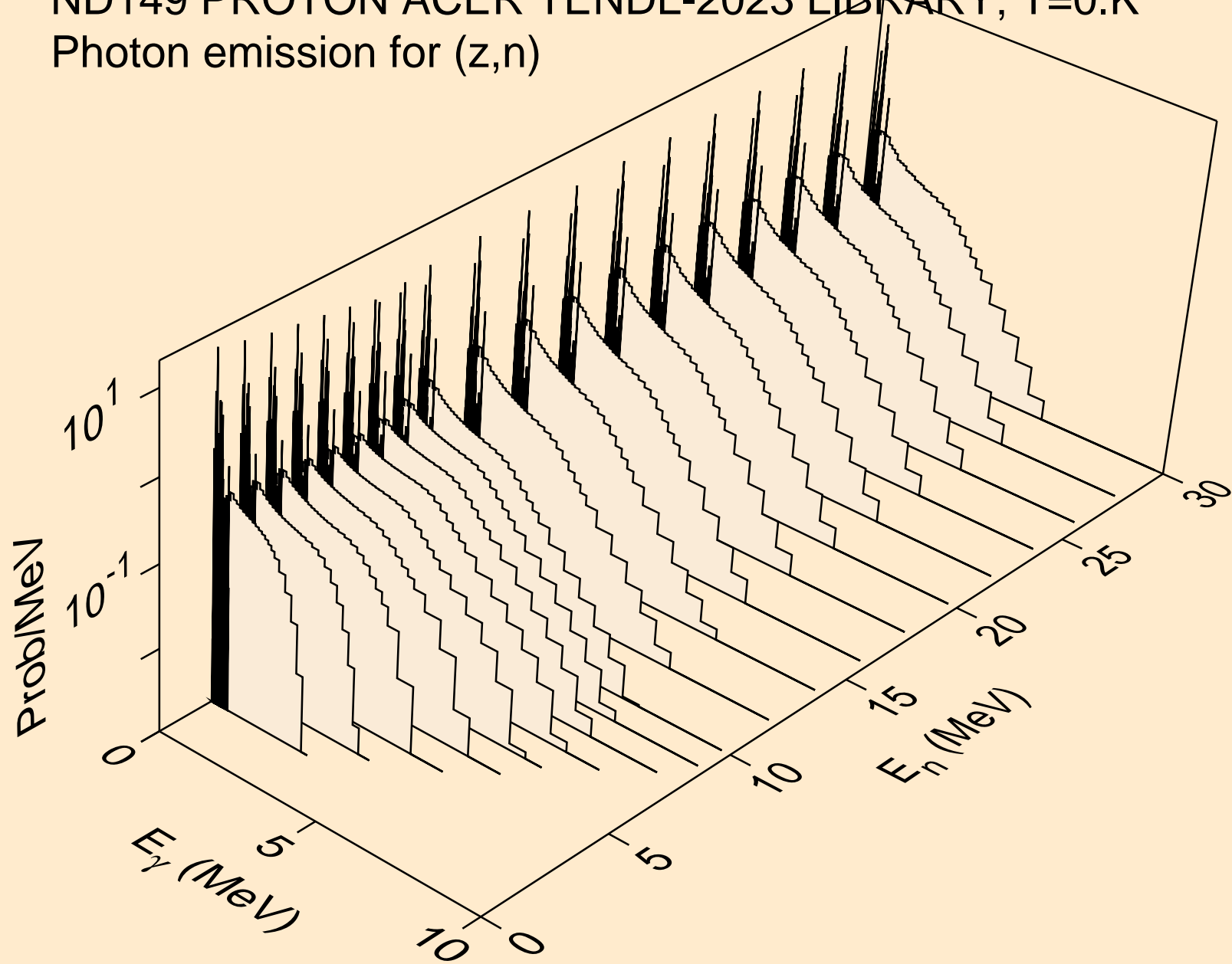
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



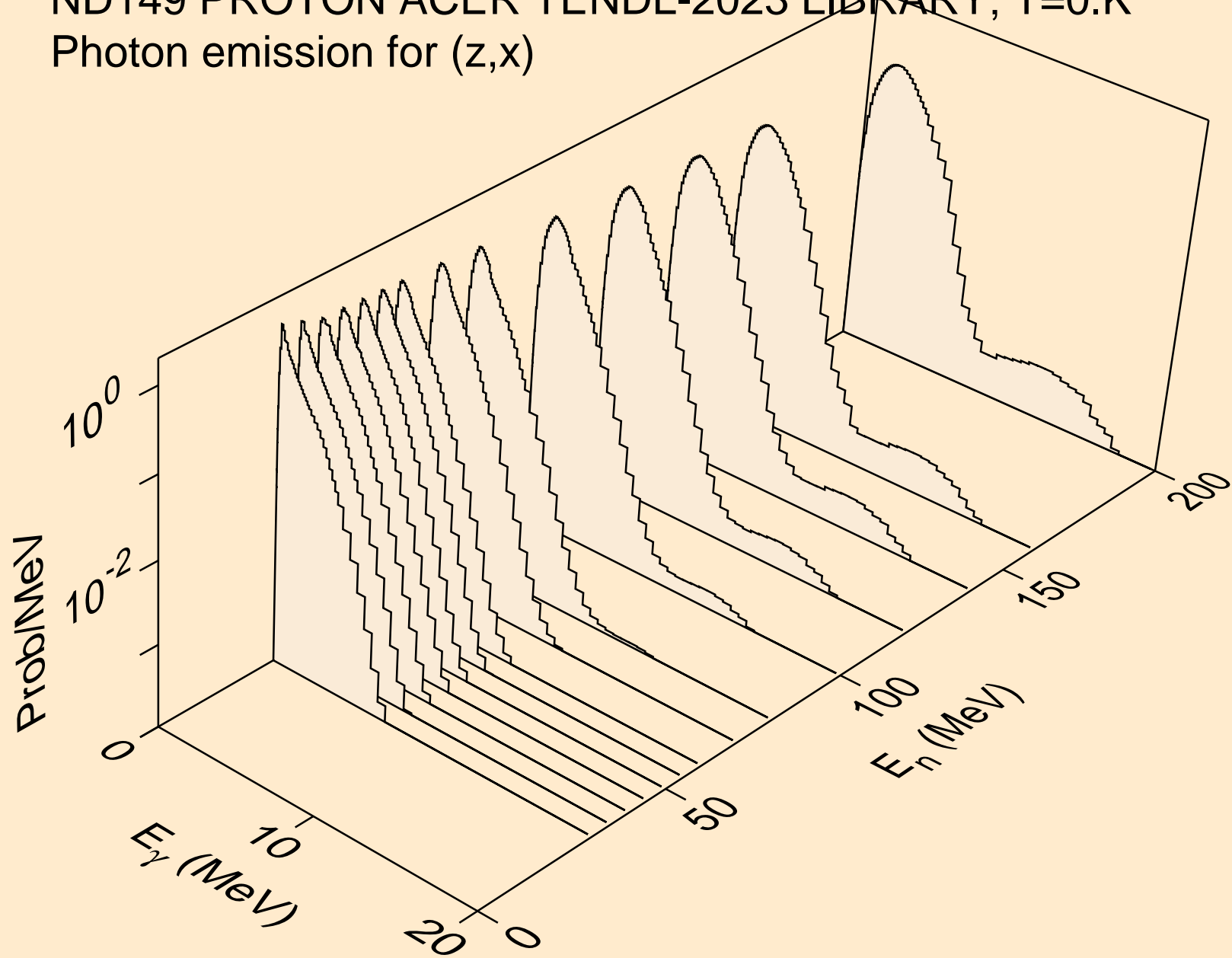
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



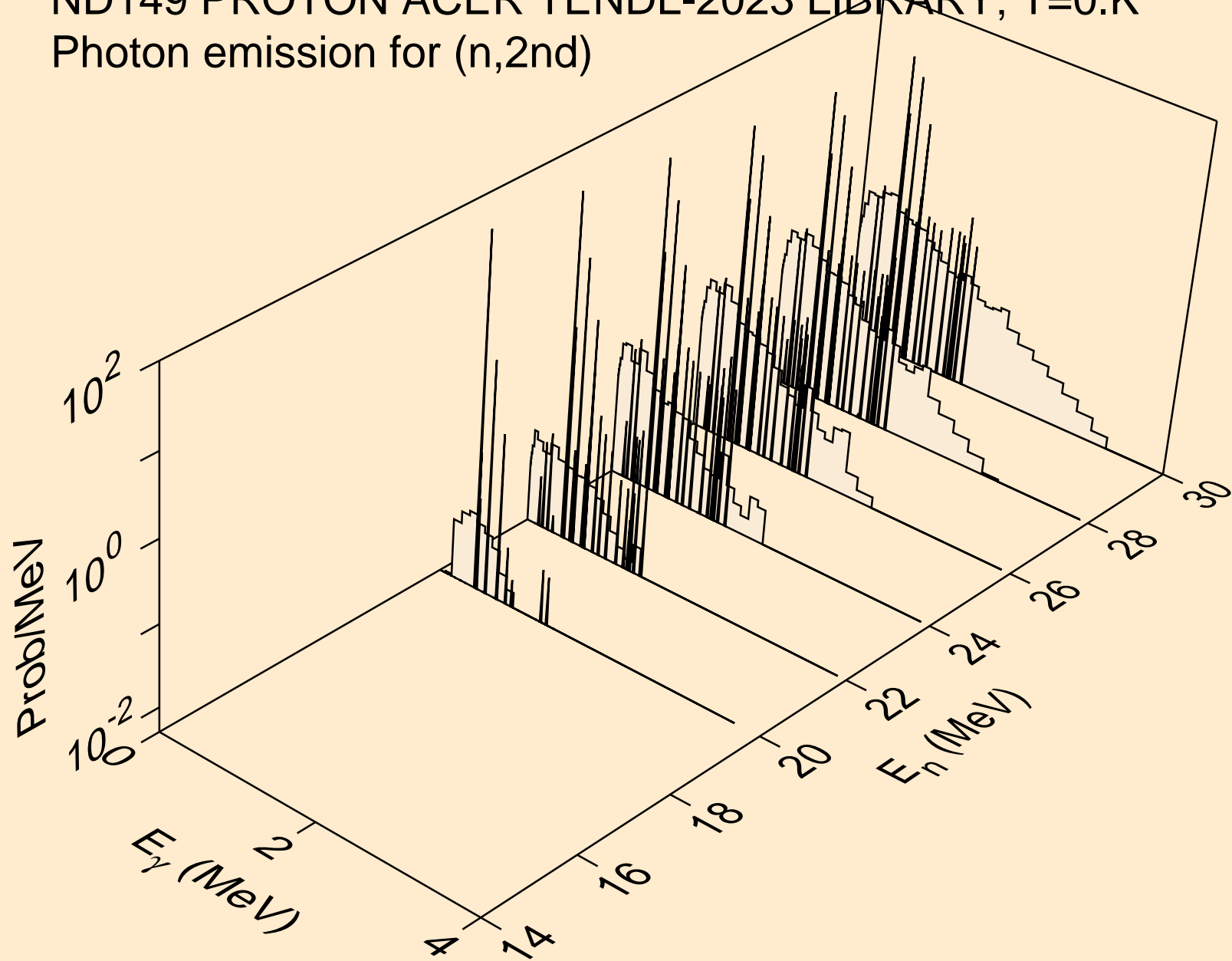
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



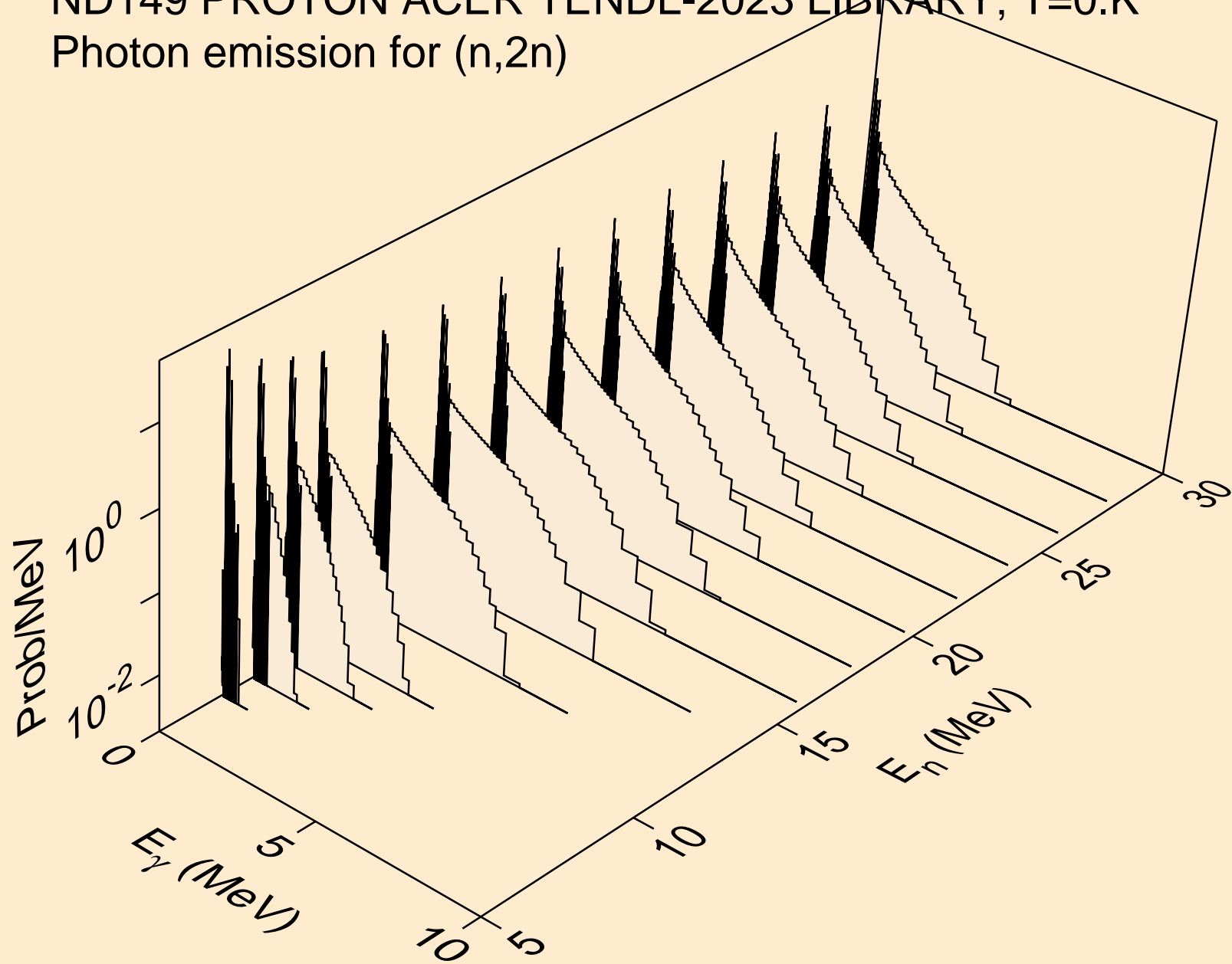
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

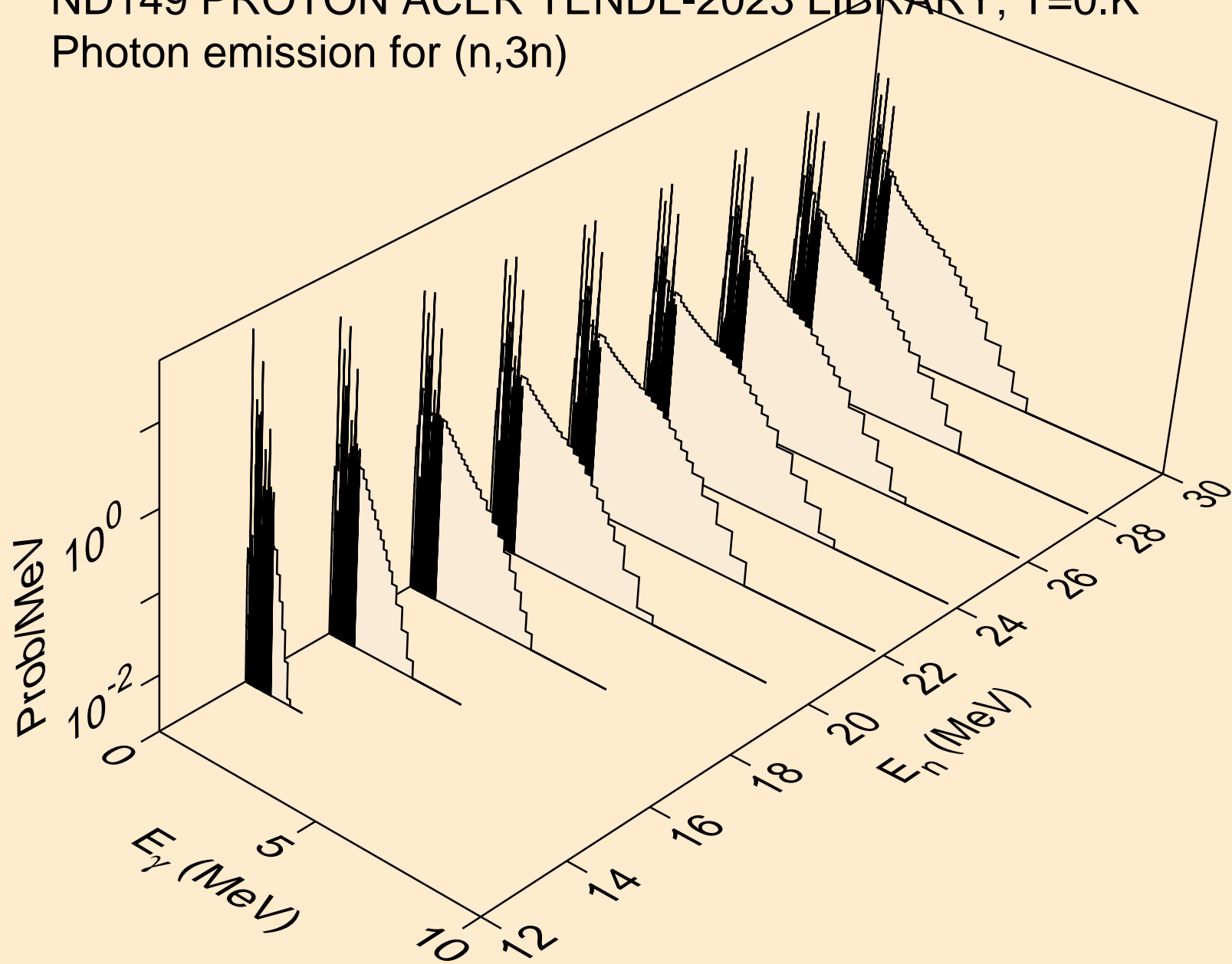


ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

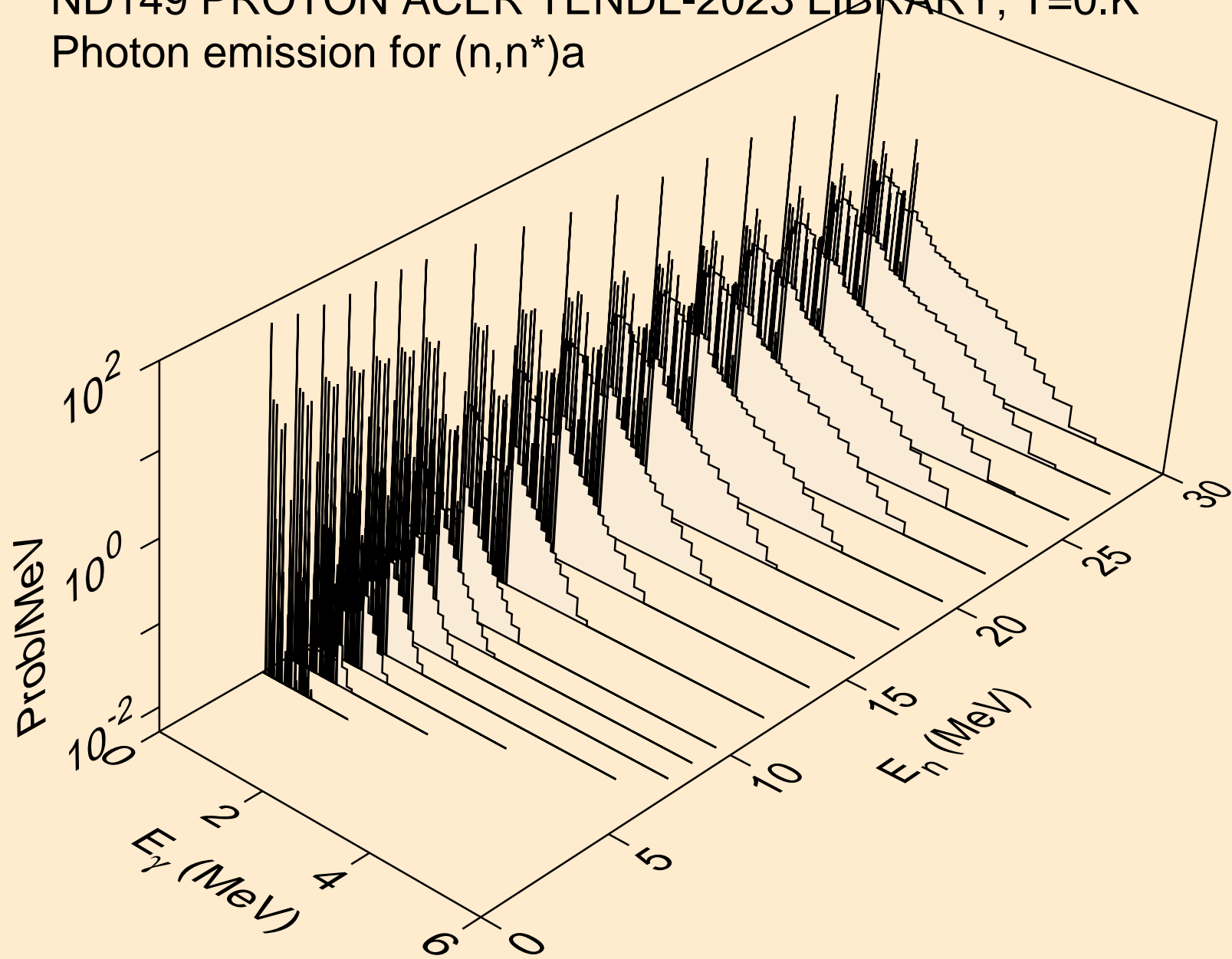




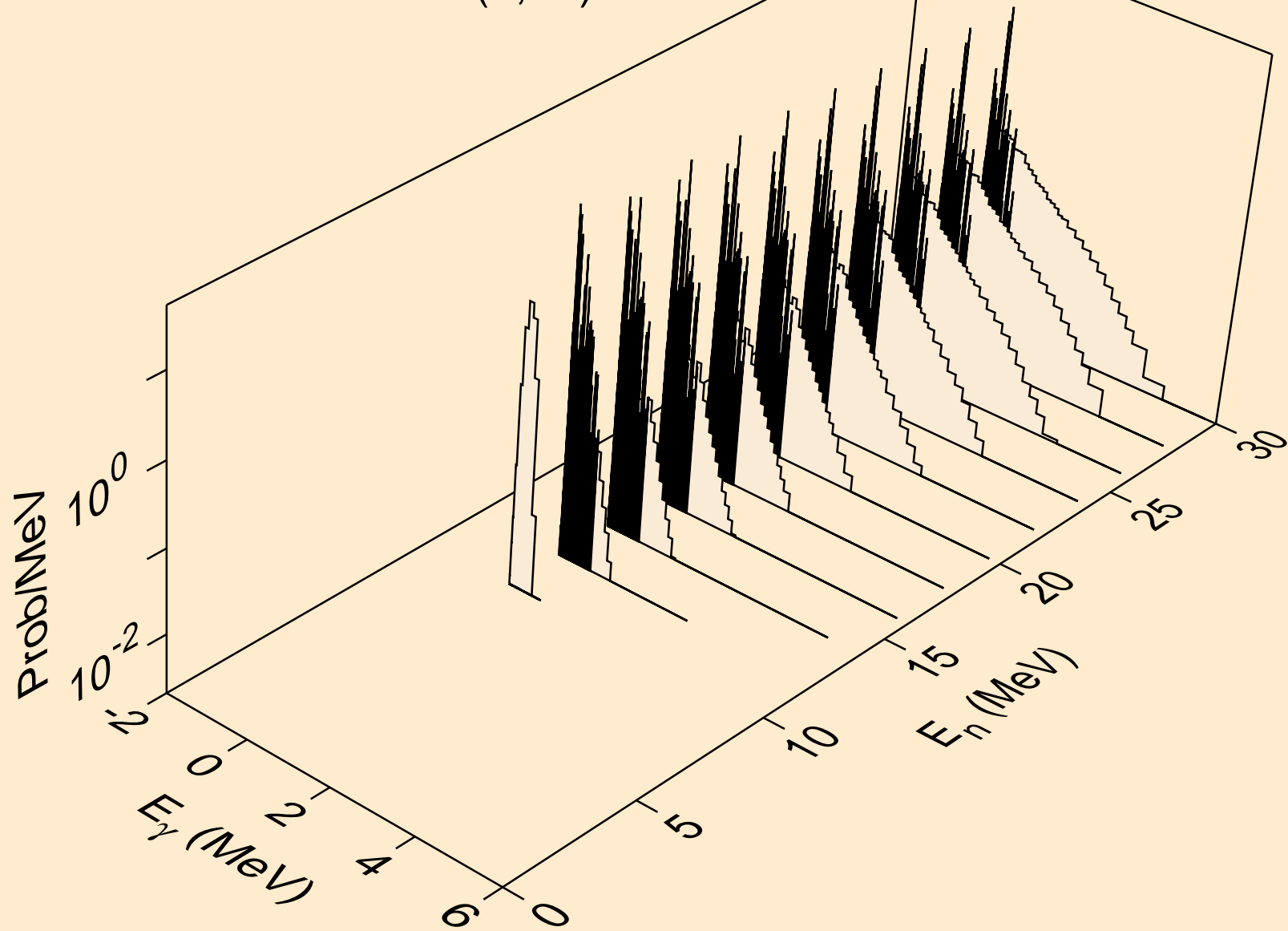
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Photon emission for (n,3n)



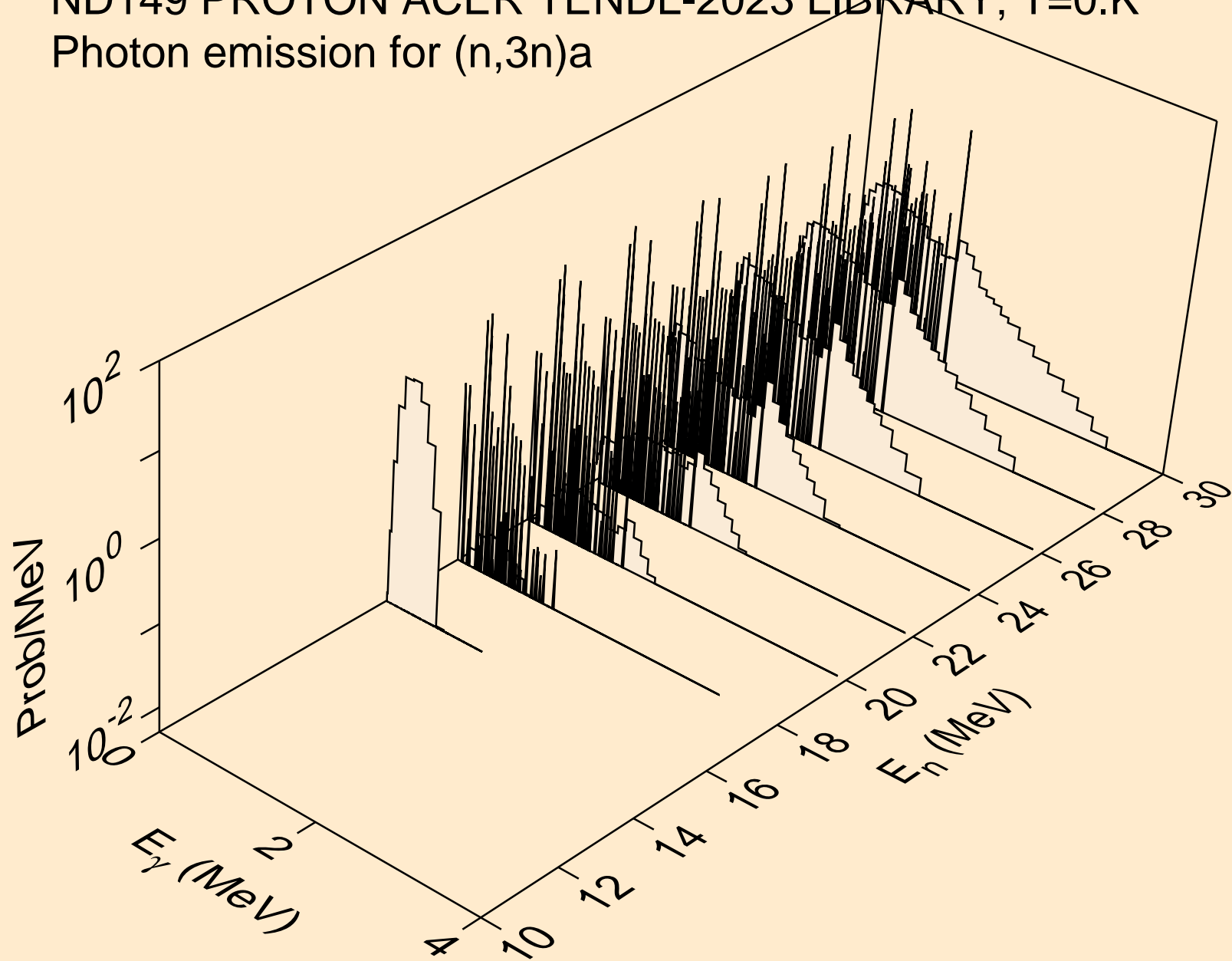
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



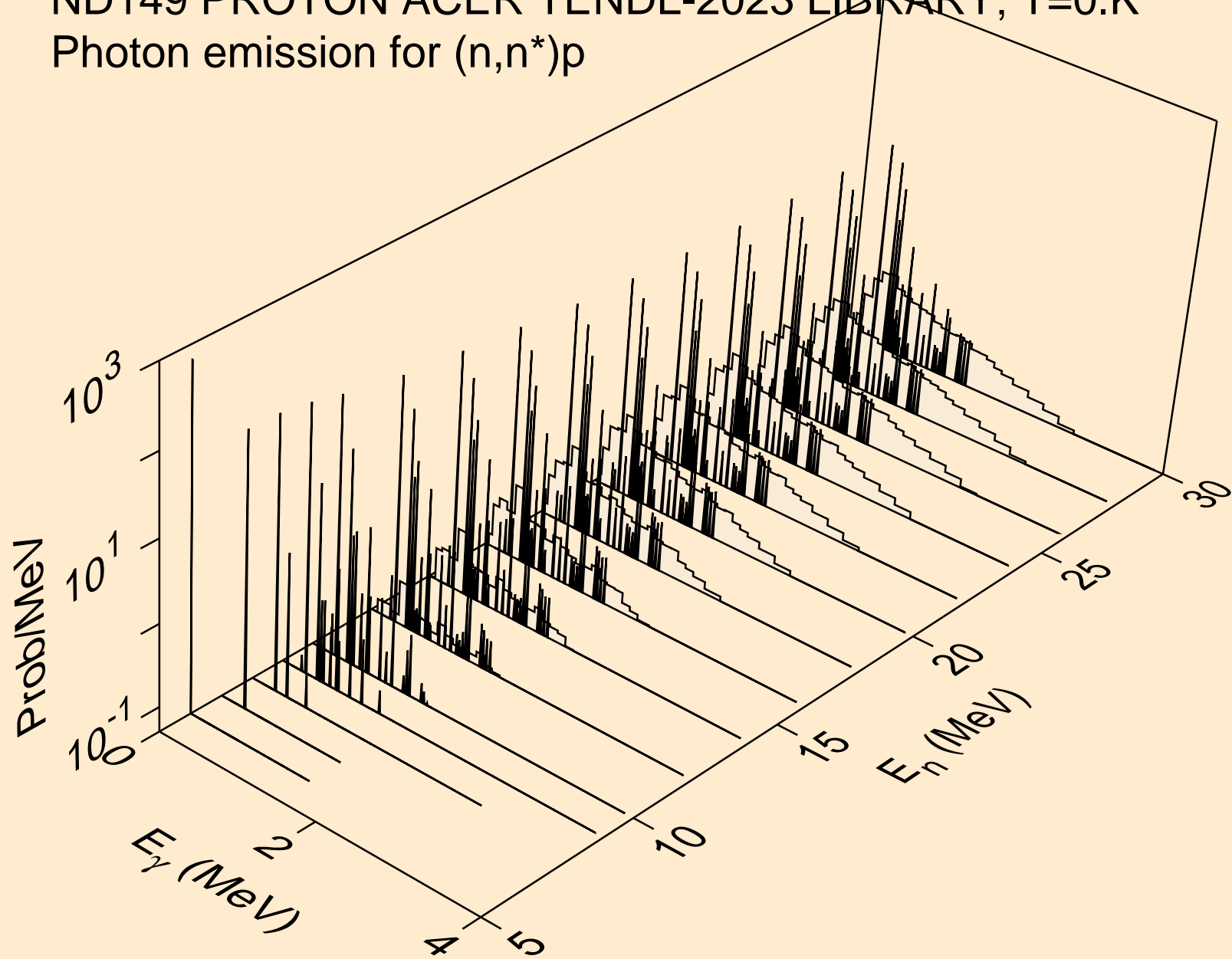
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



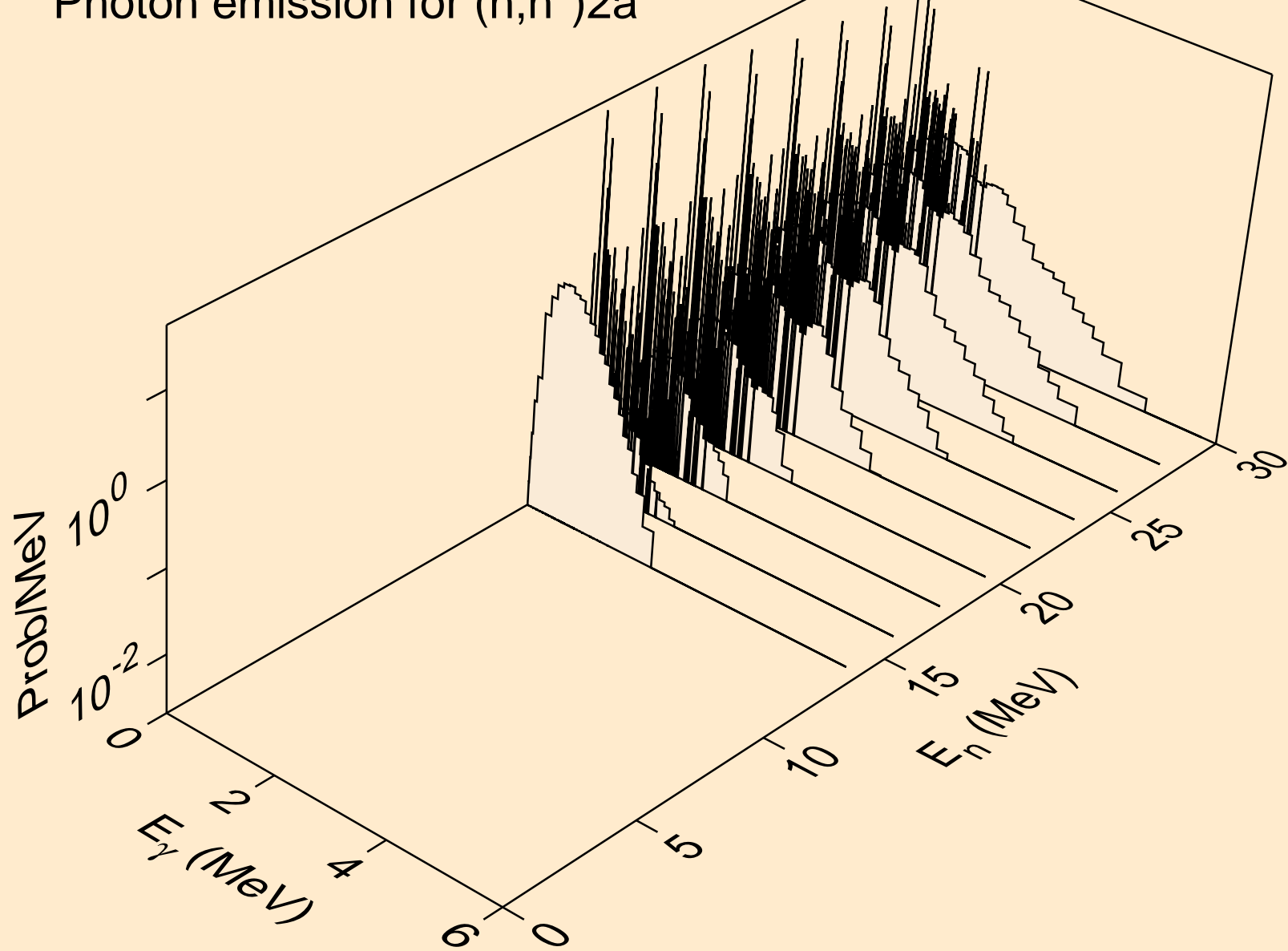
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Photon emission for (n,3n)a



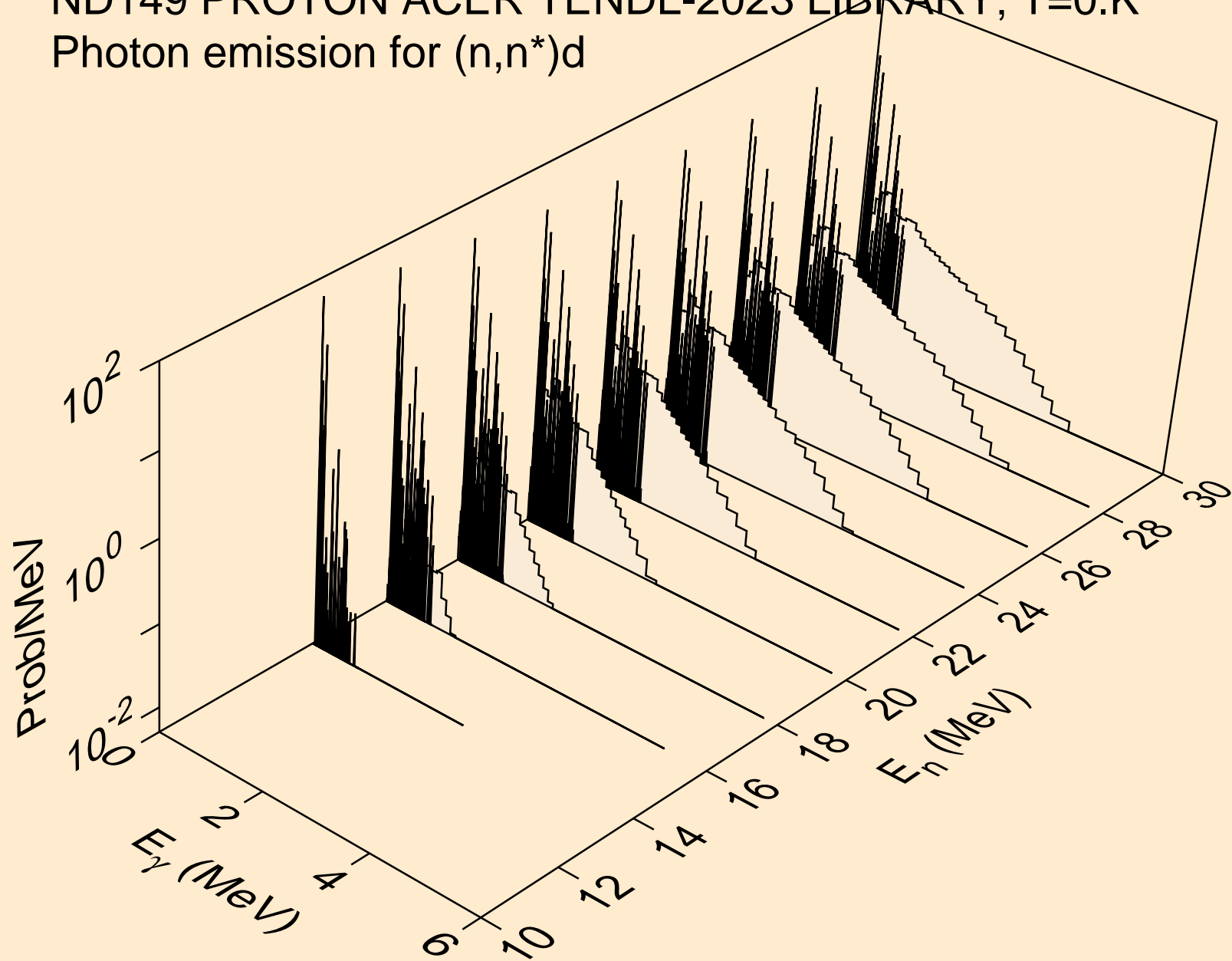
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



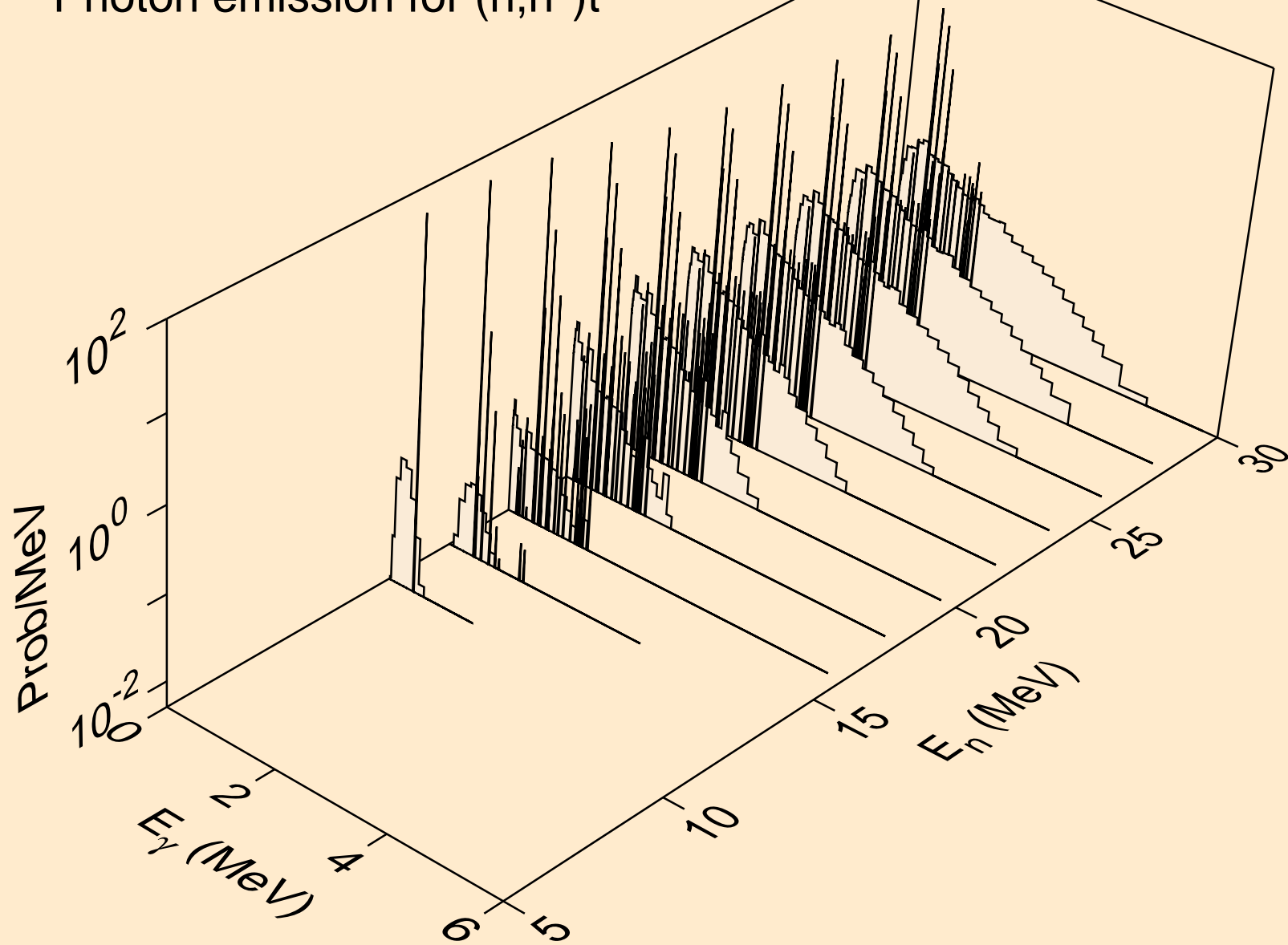
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

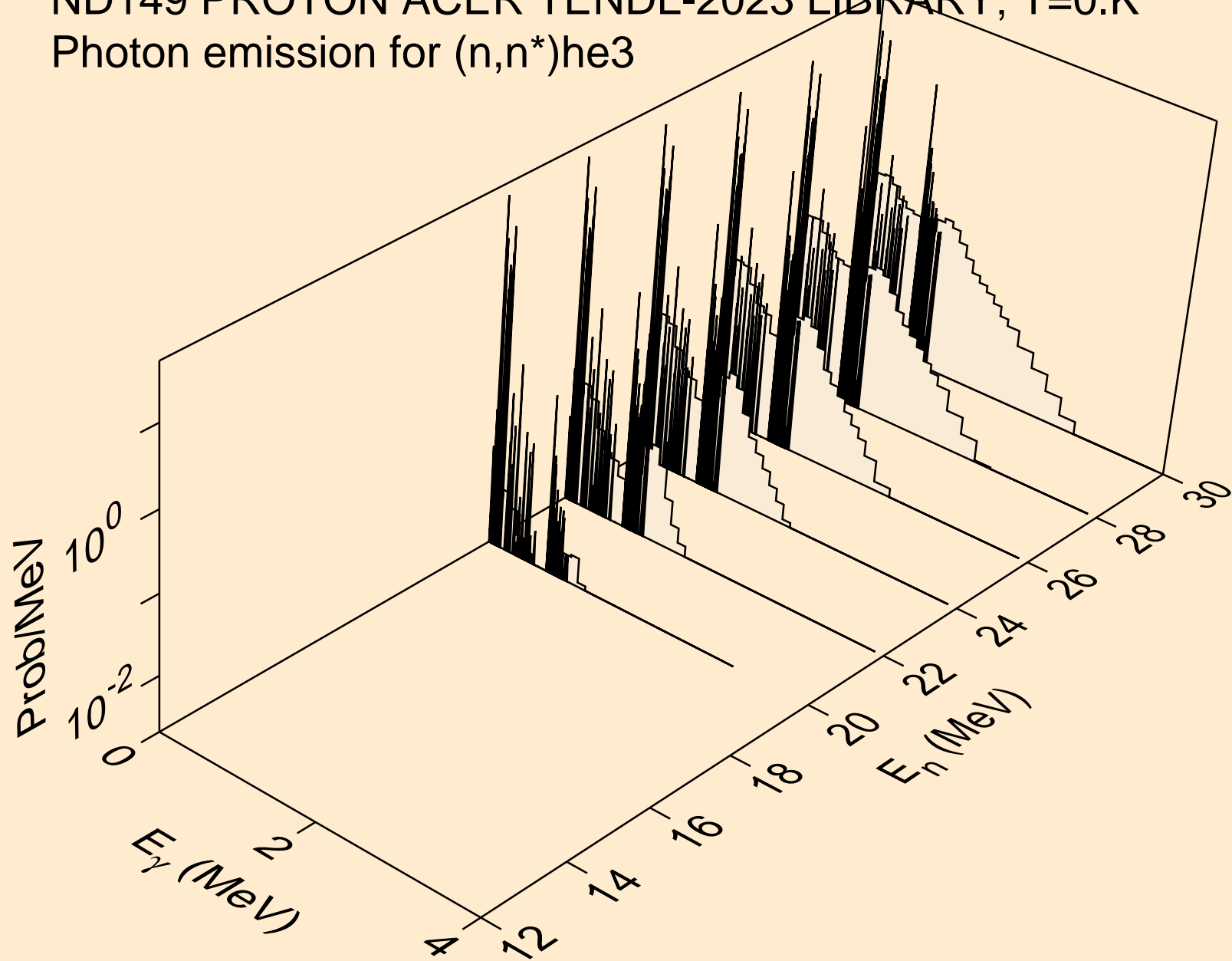


ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

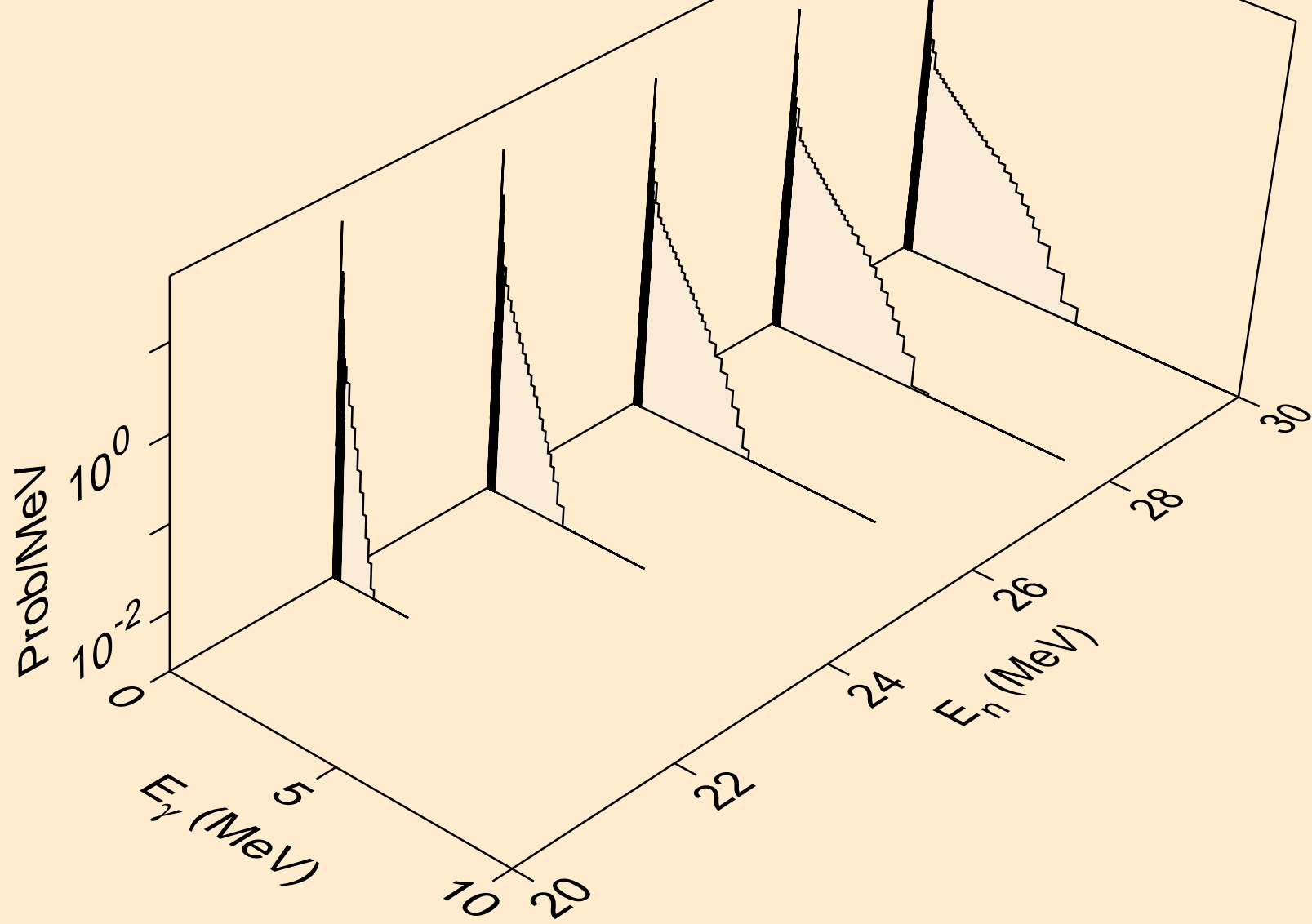




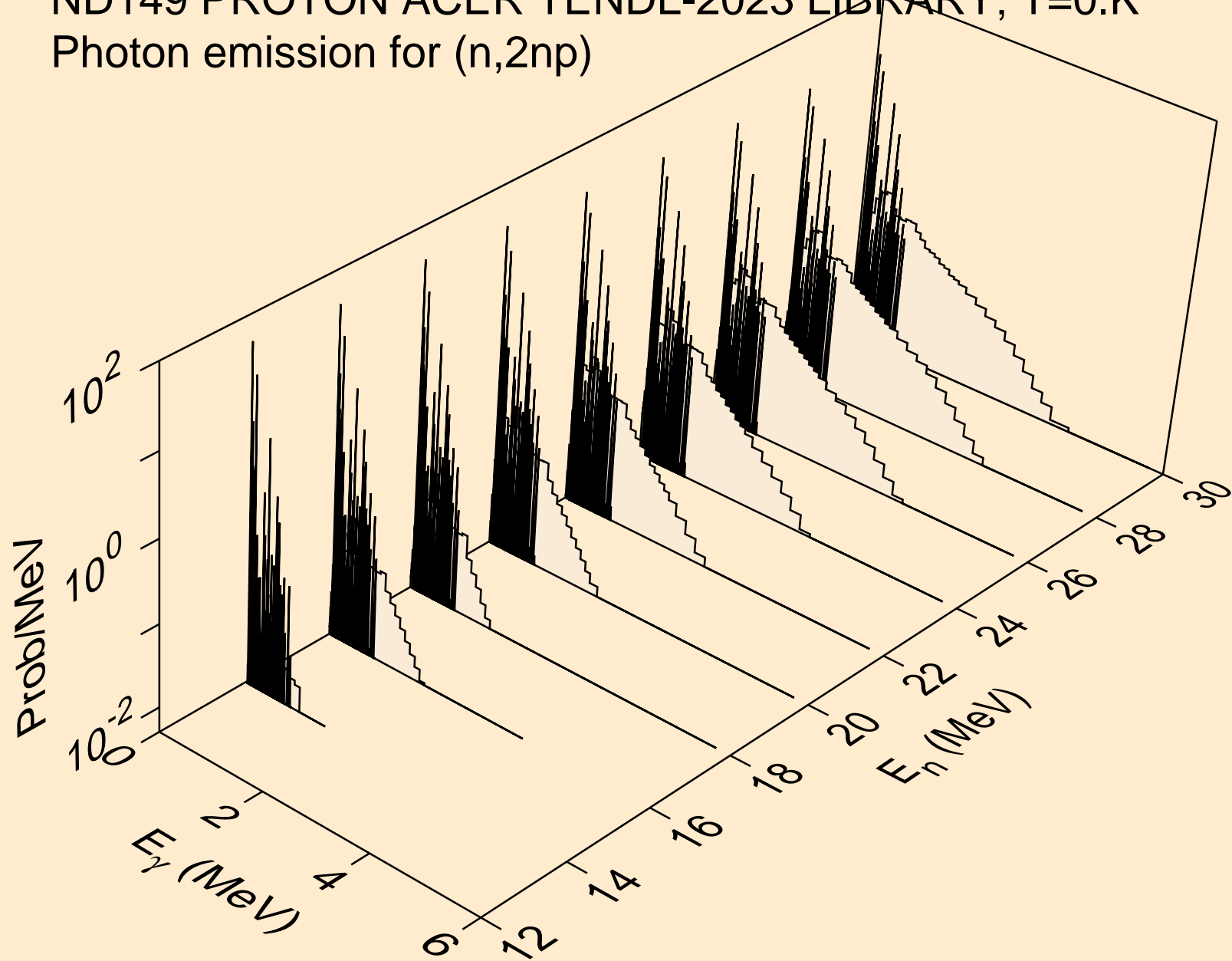
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



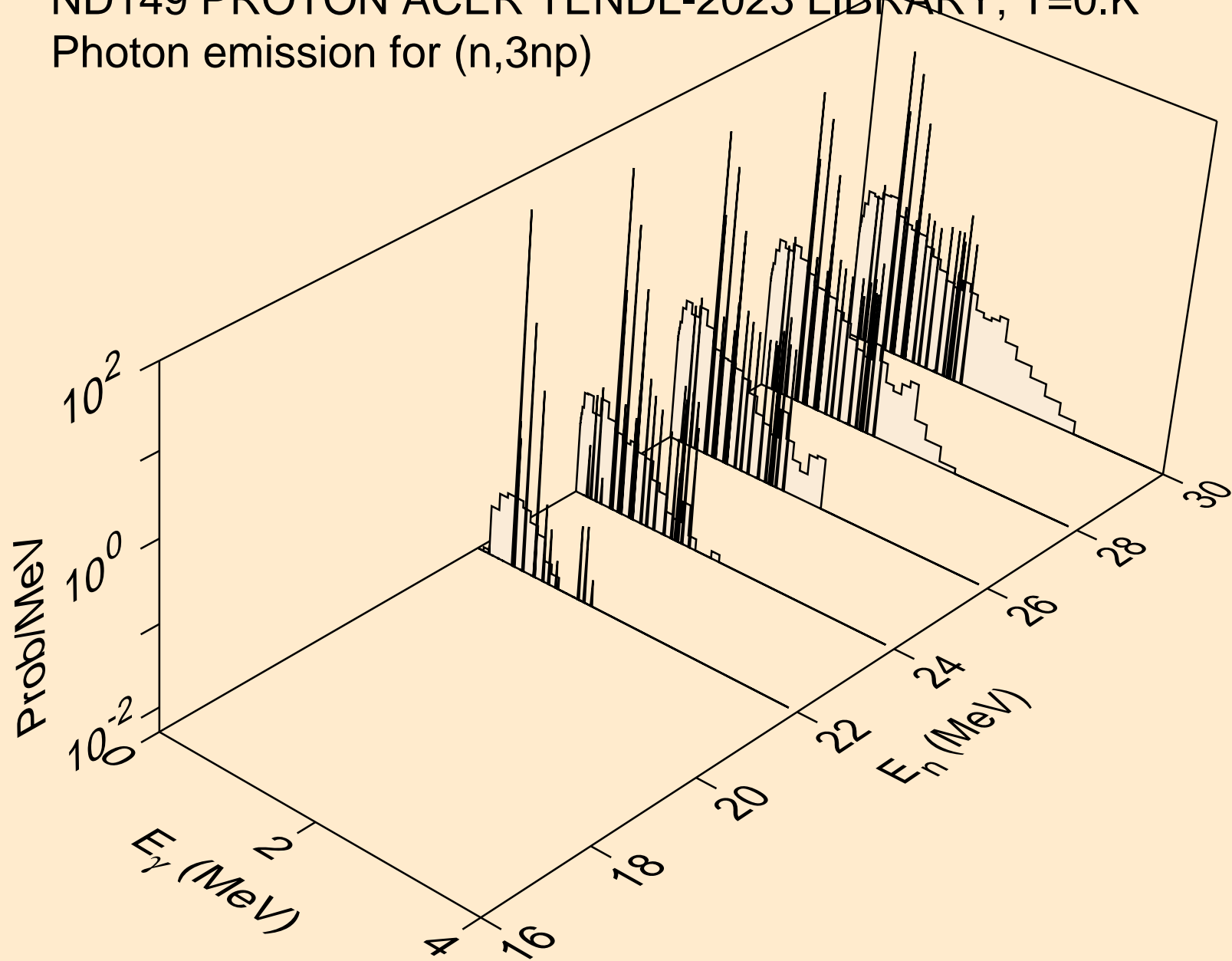
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



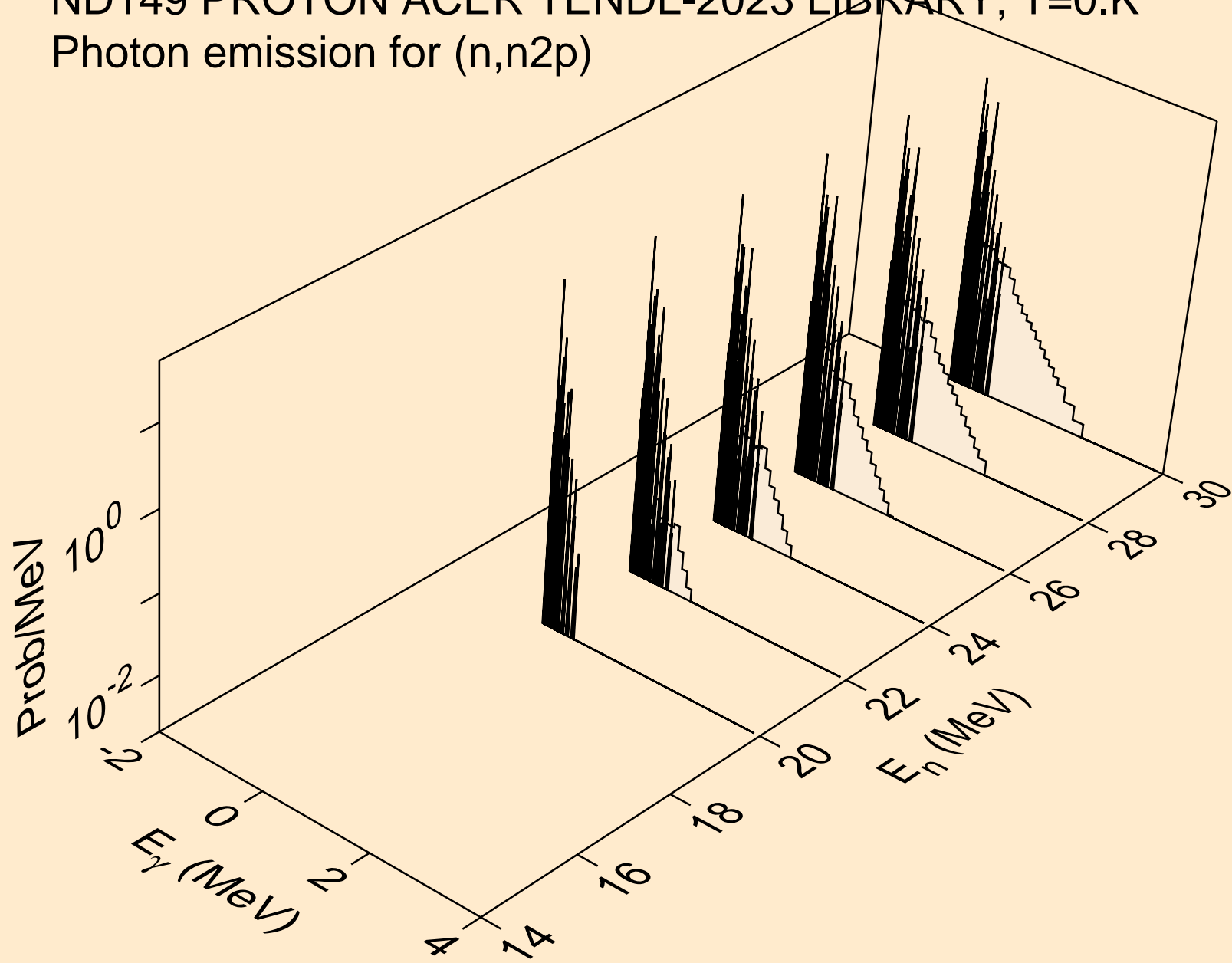
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Photon emission for (n,2np)



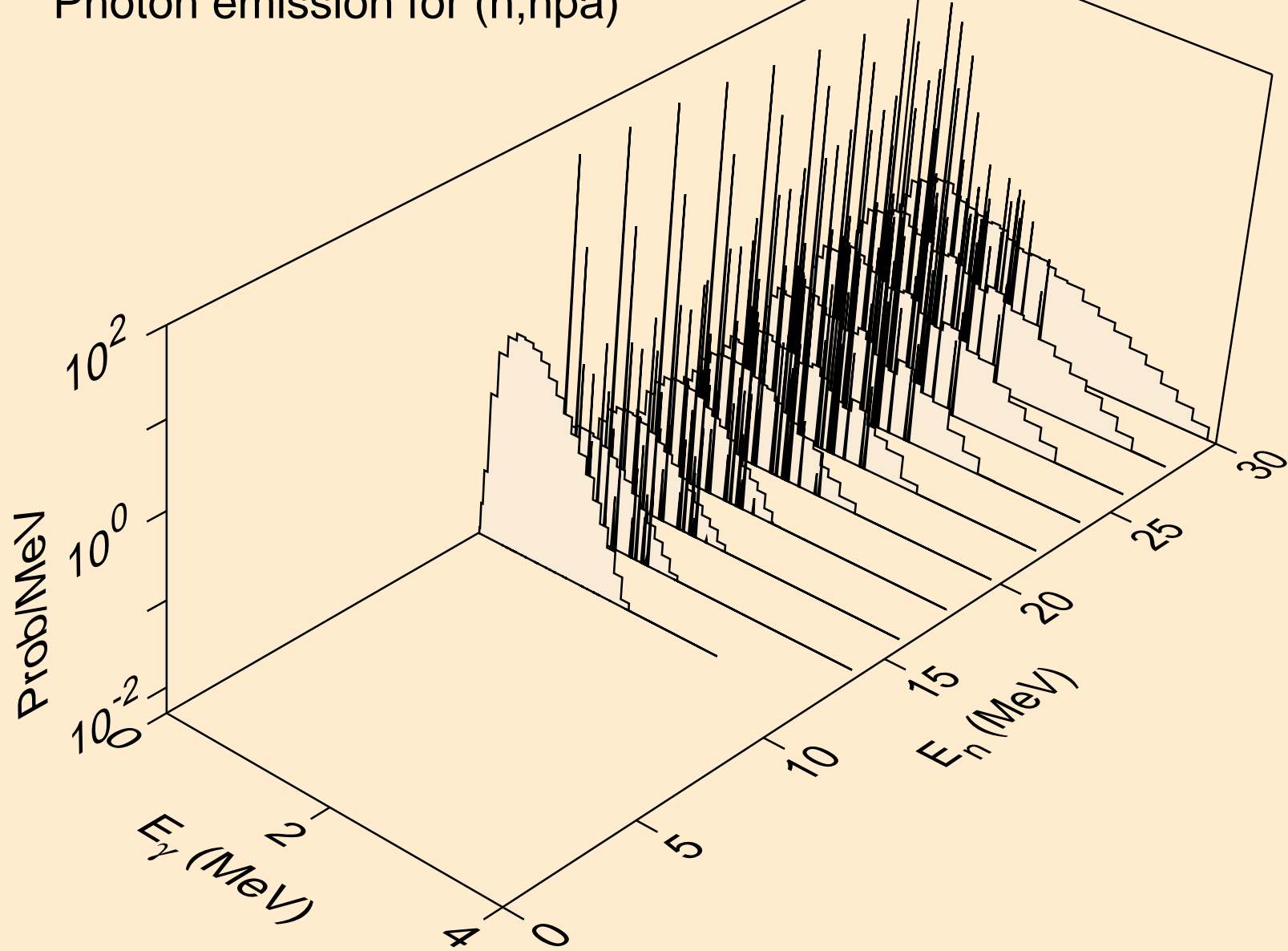
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Photon emission for (n,3np)



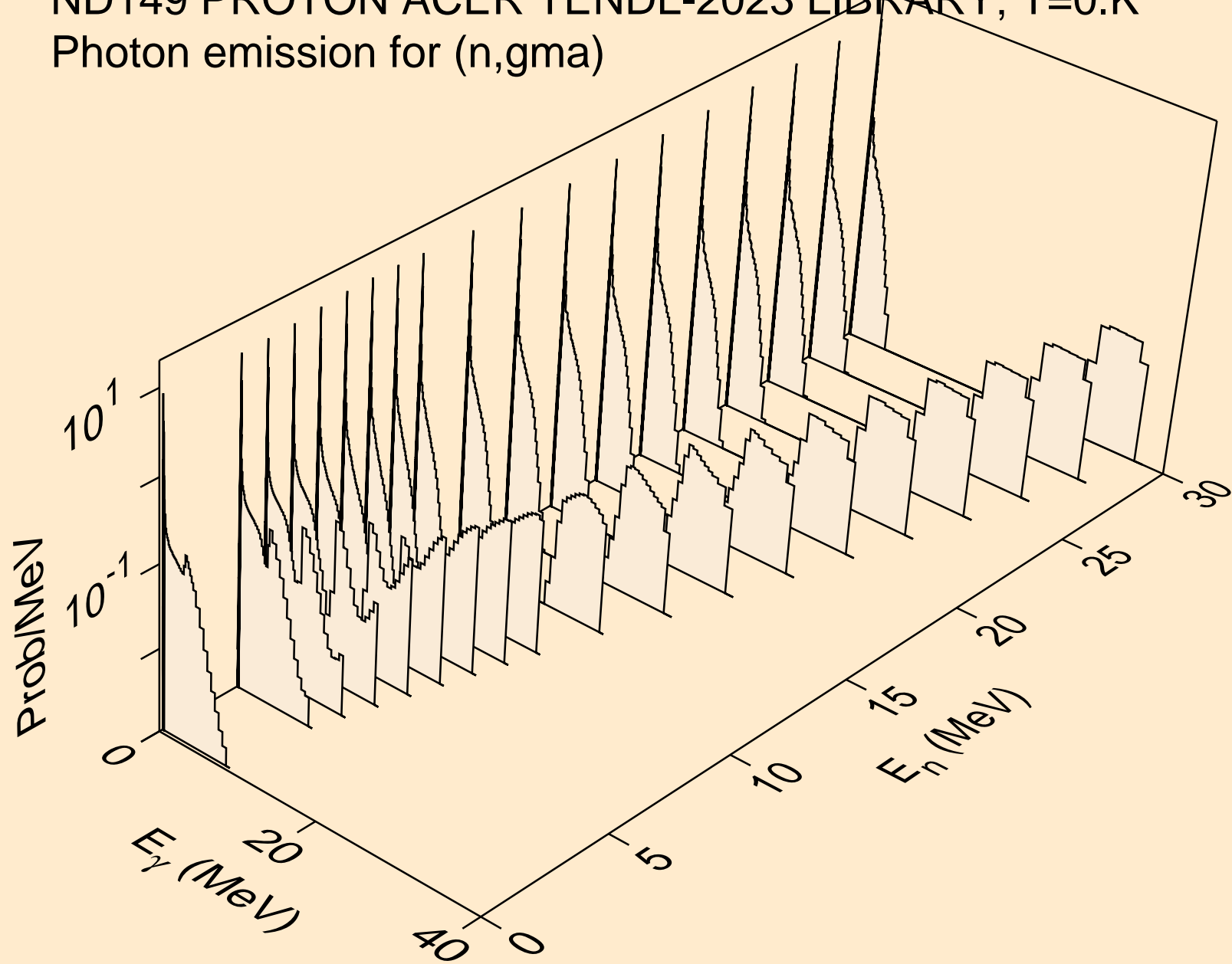
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Photon emission for (n,n2p)



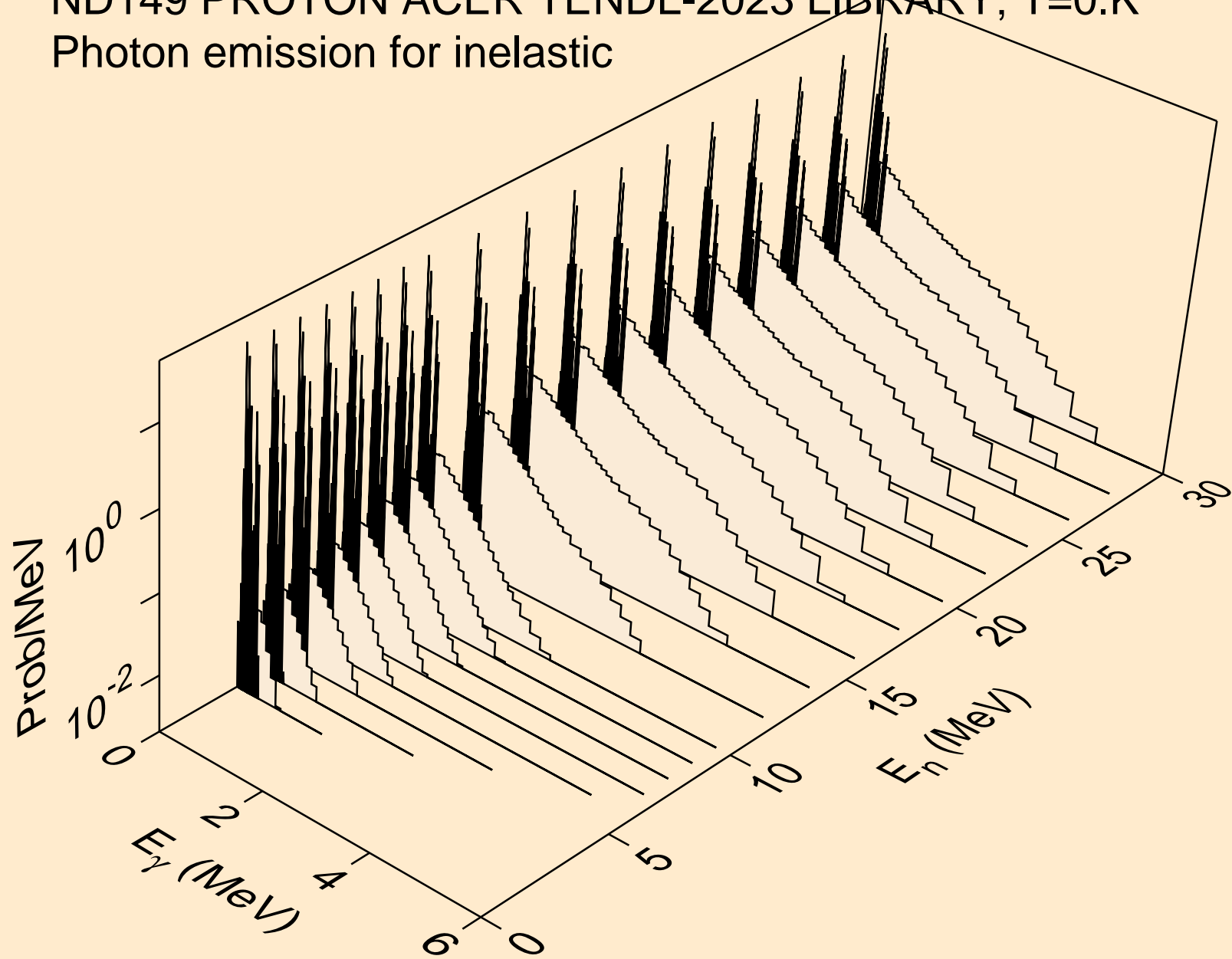
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

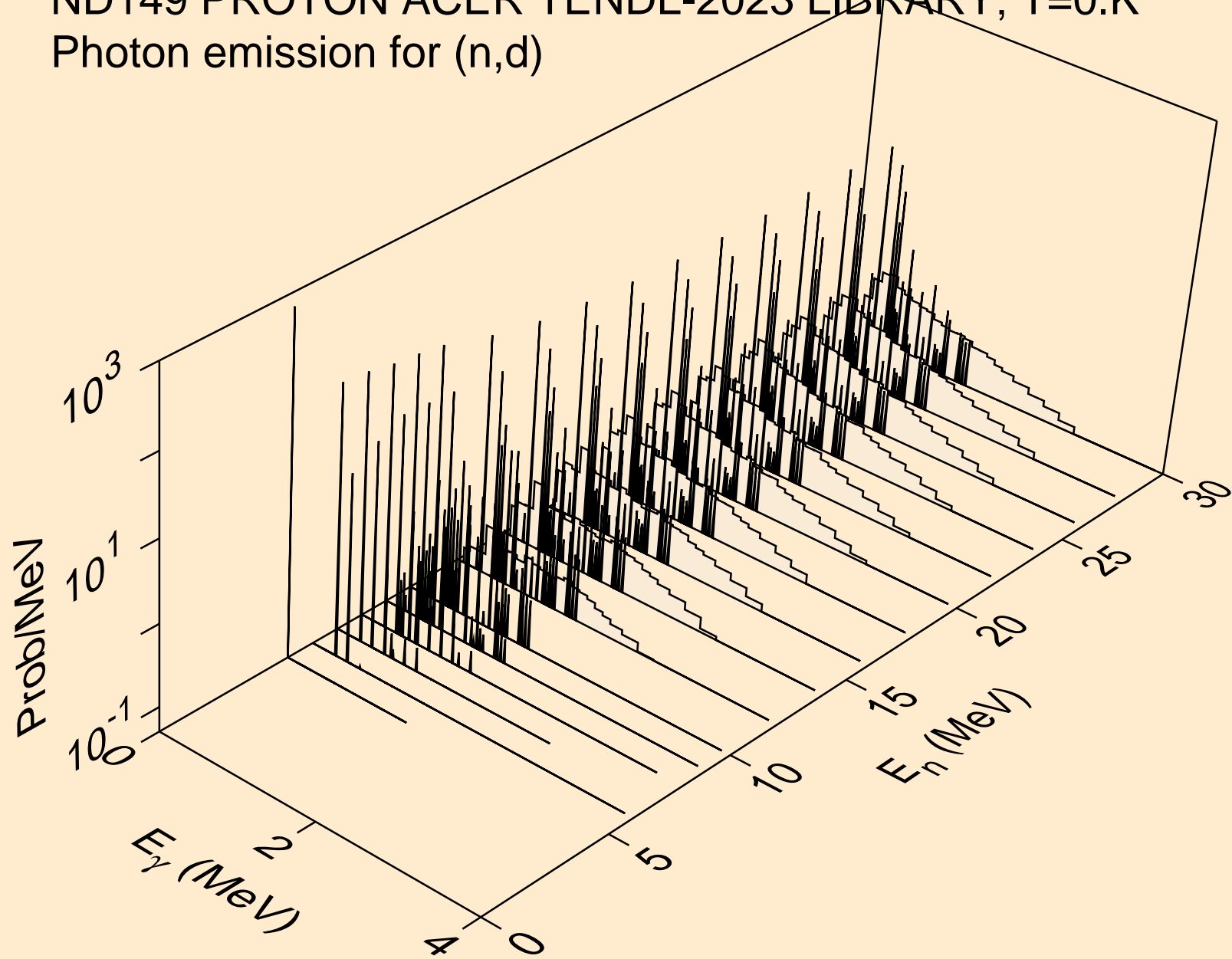


ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

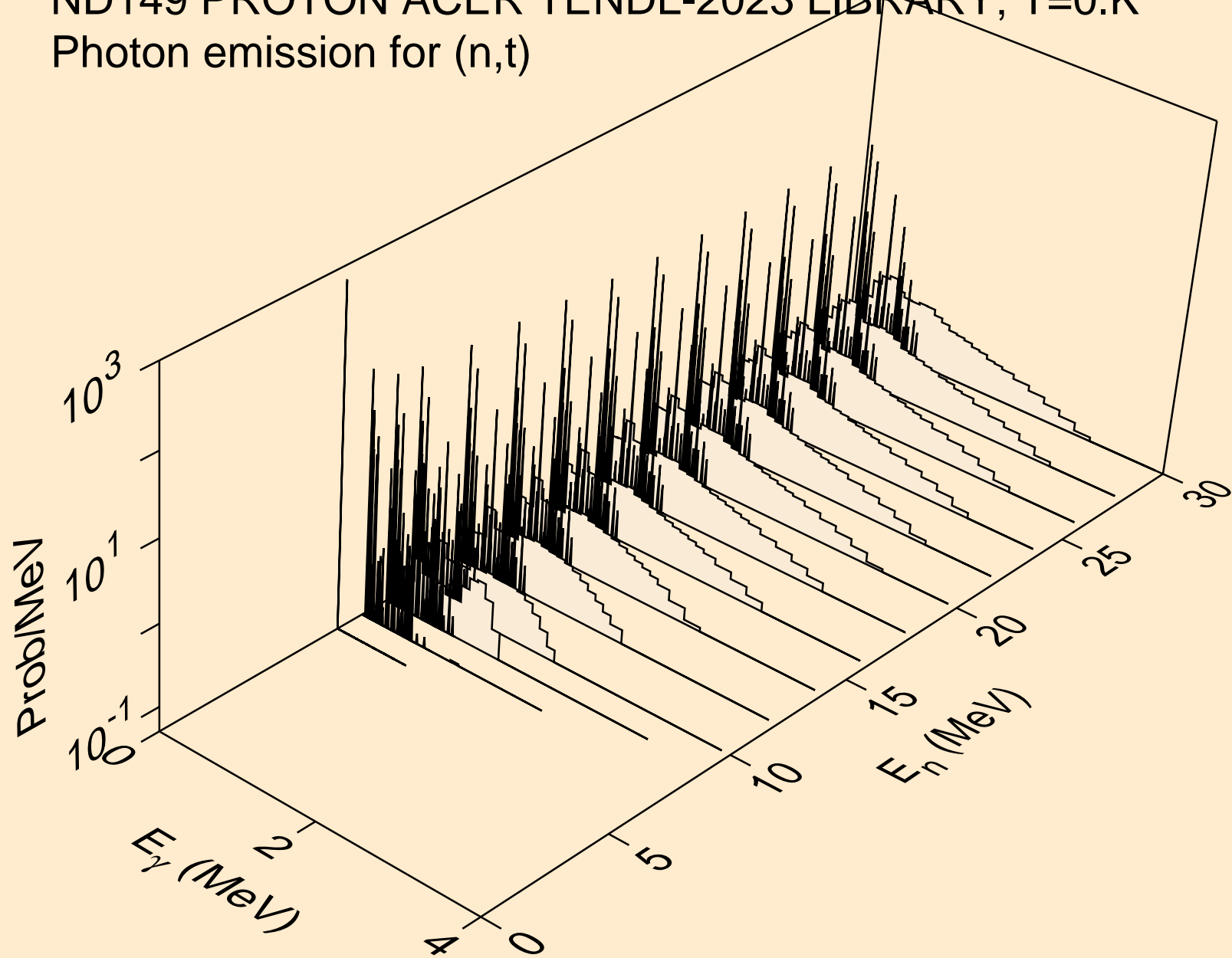




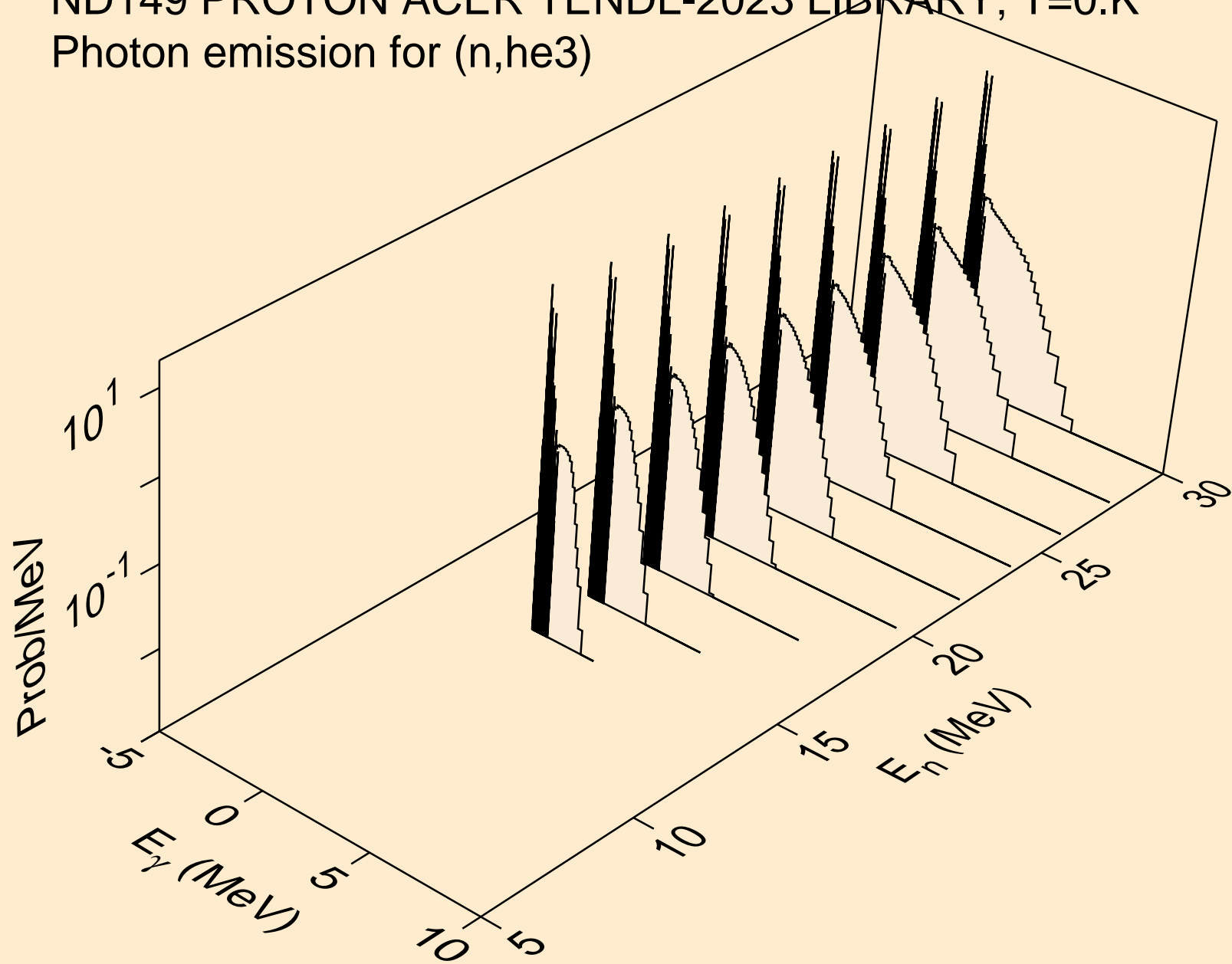
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Photon emission for (n,d)



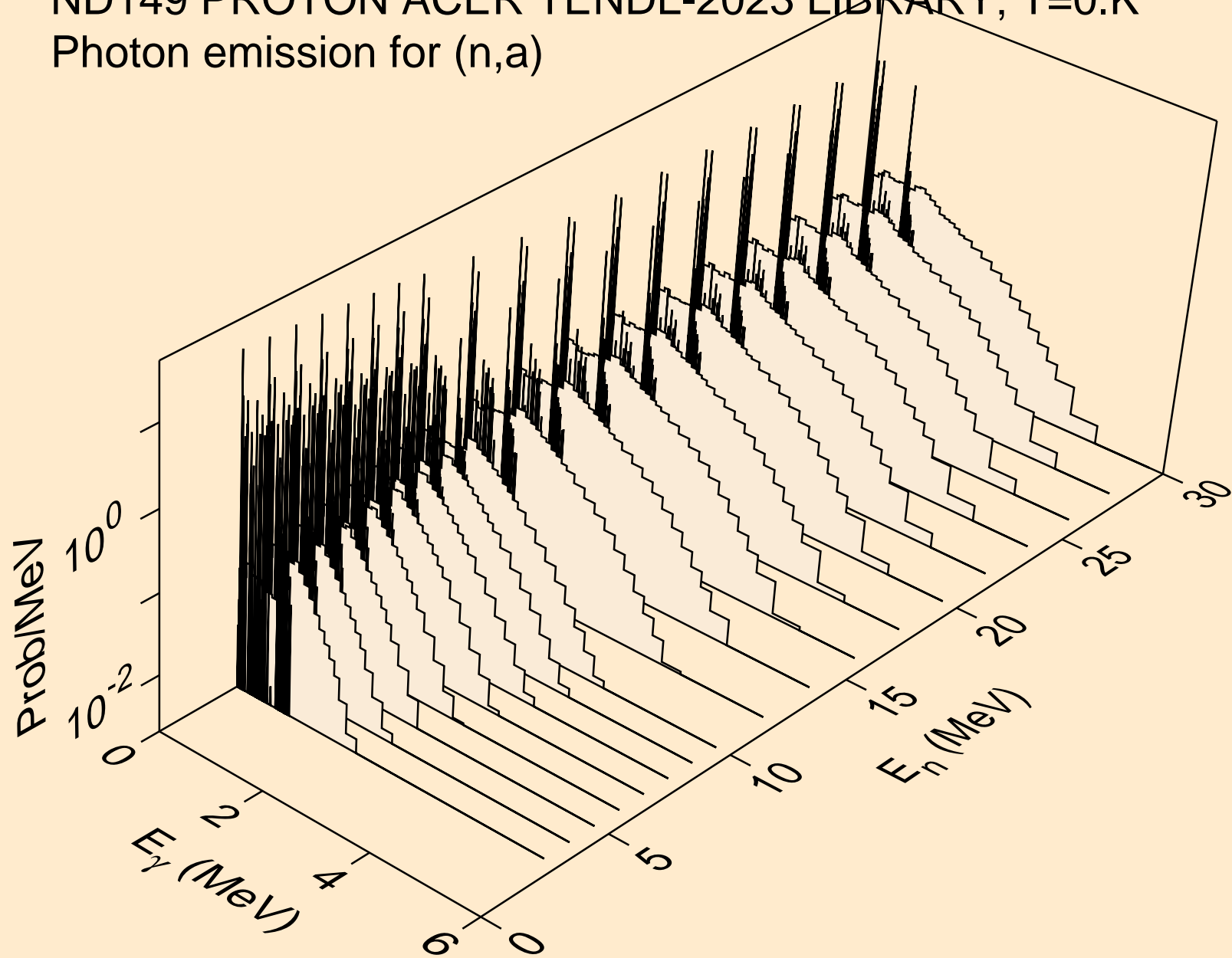
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



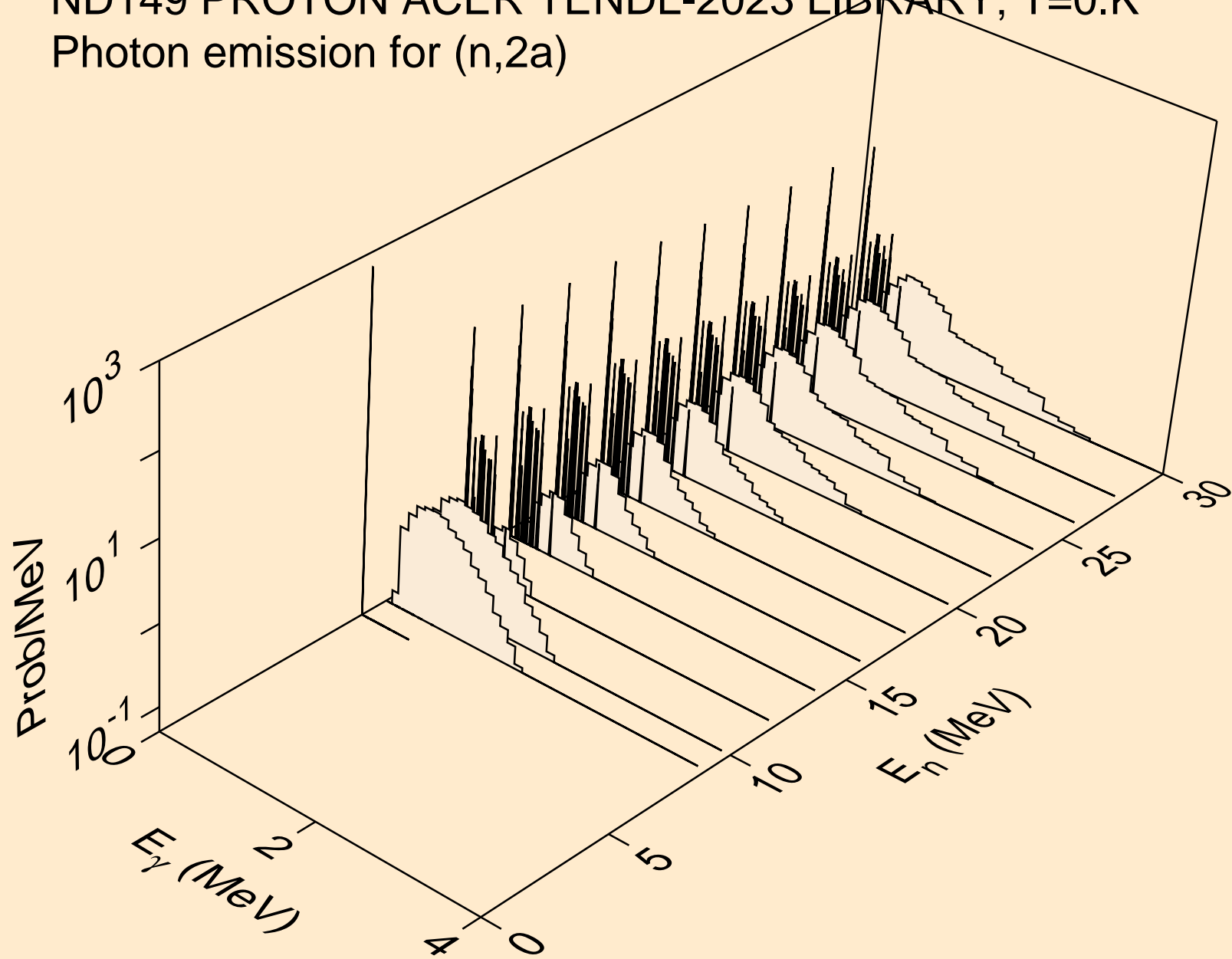
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Photon emission for (n,he3)



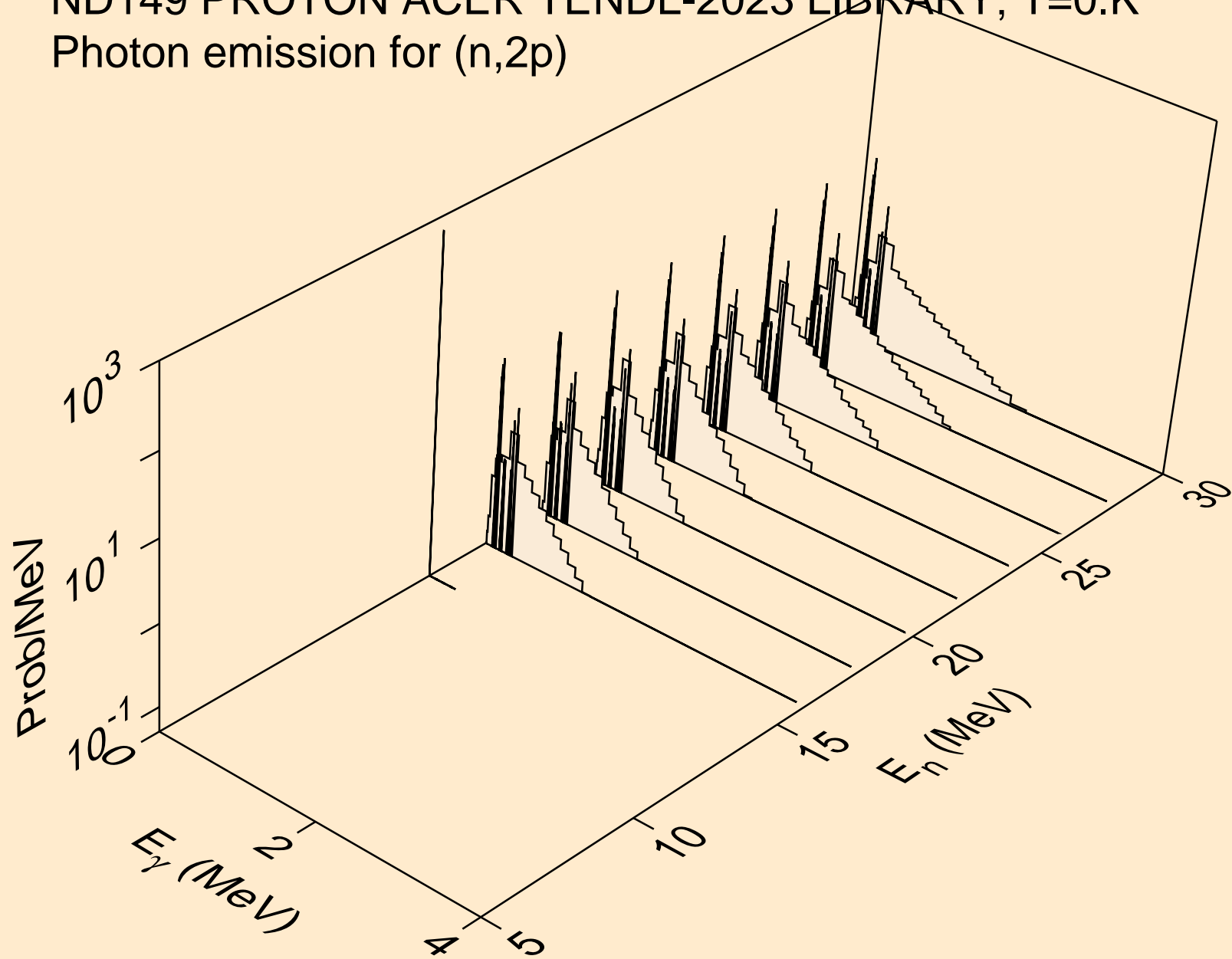
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Photon emission for (n,a)



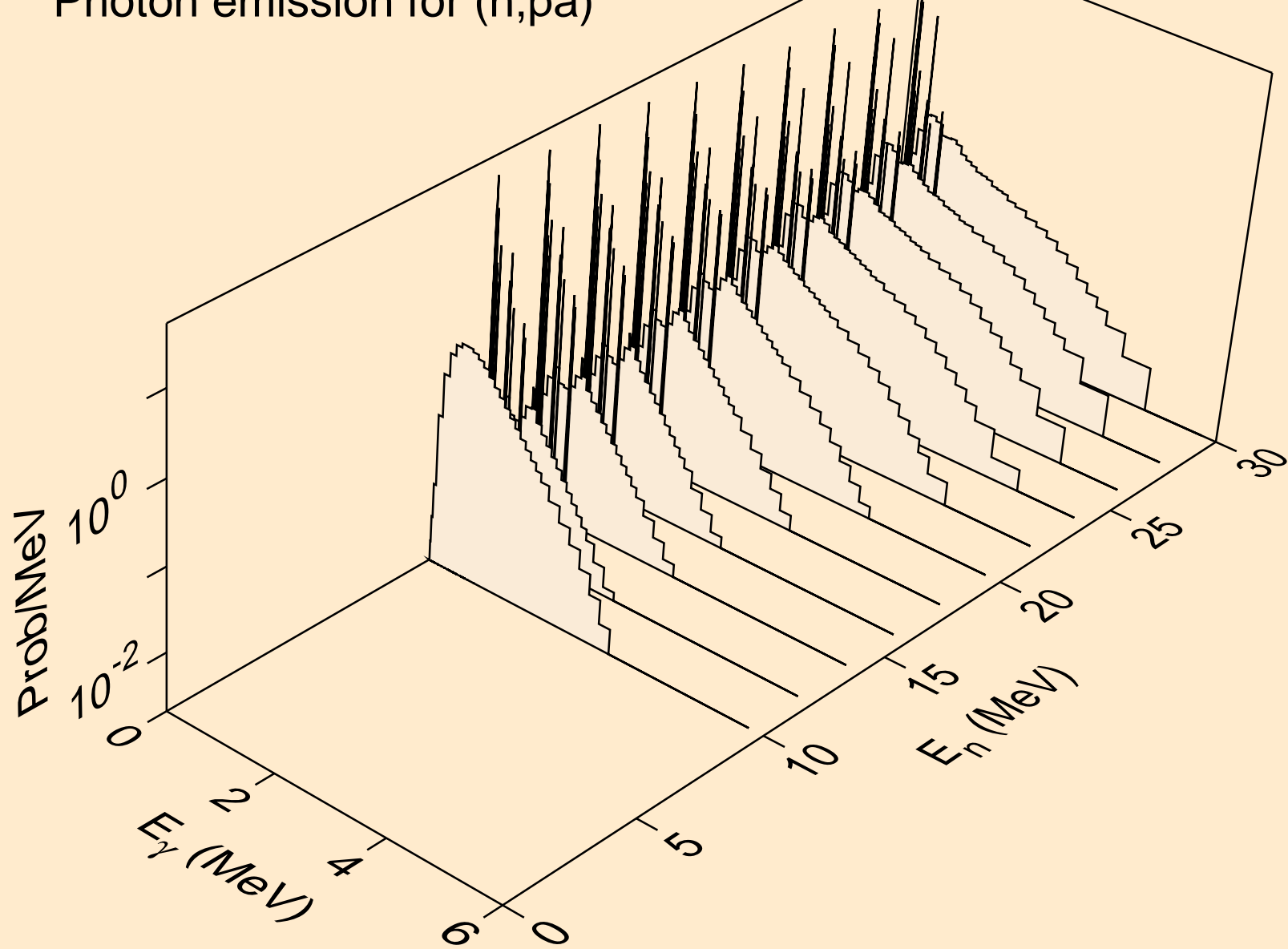
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Photon emission for (n,2a)



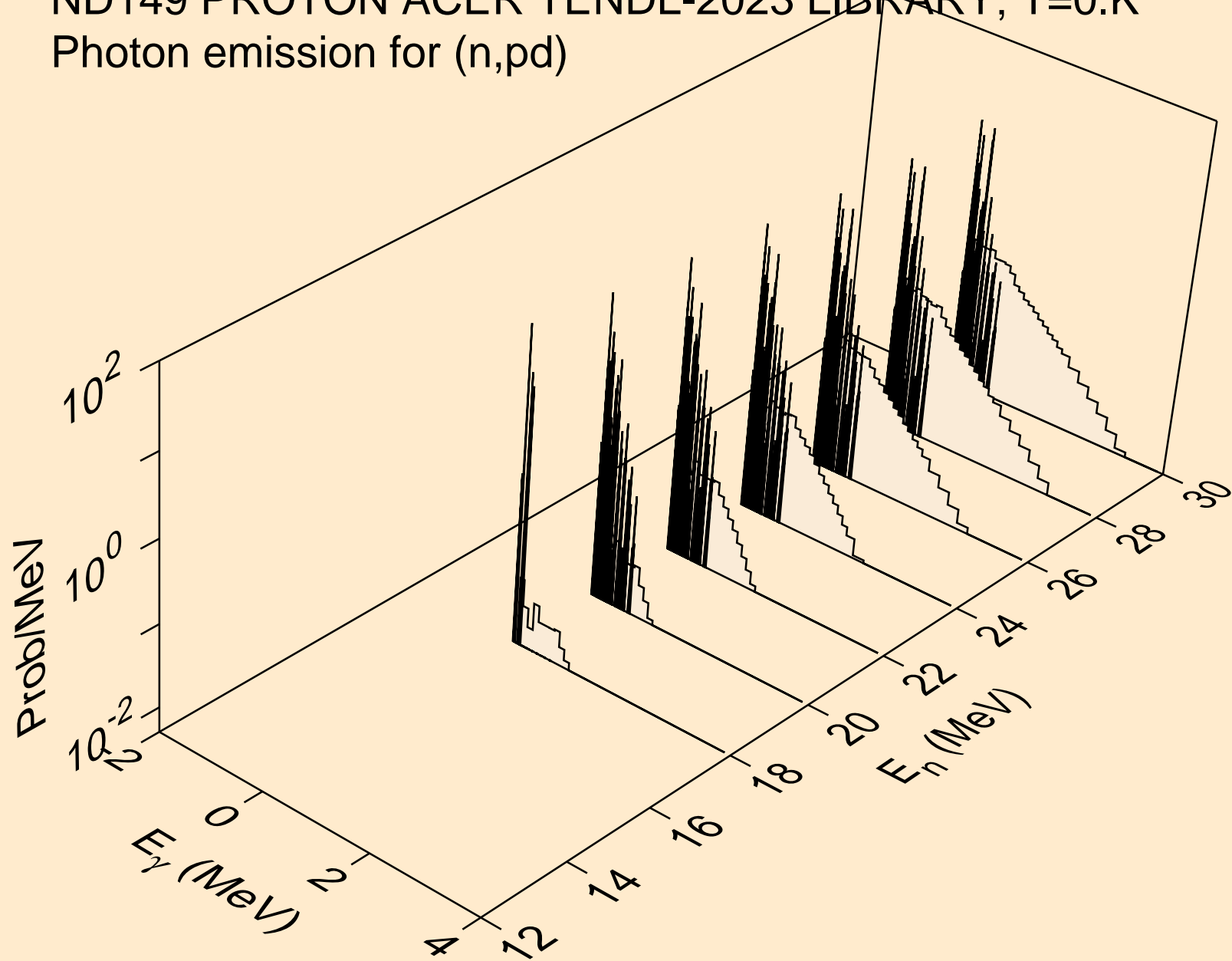
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

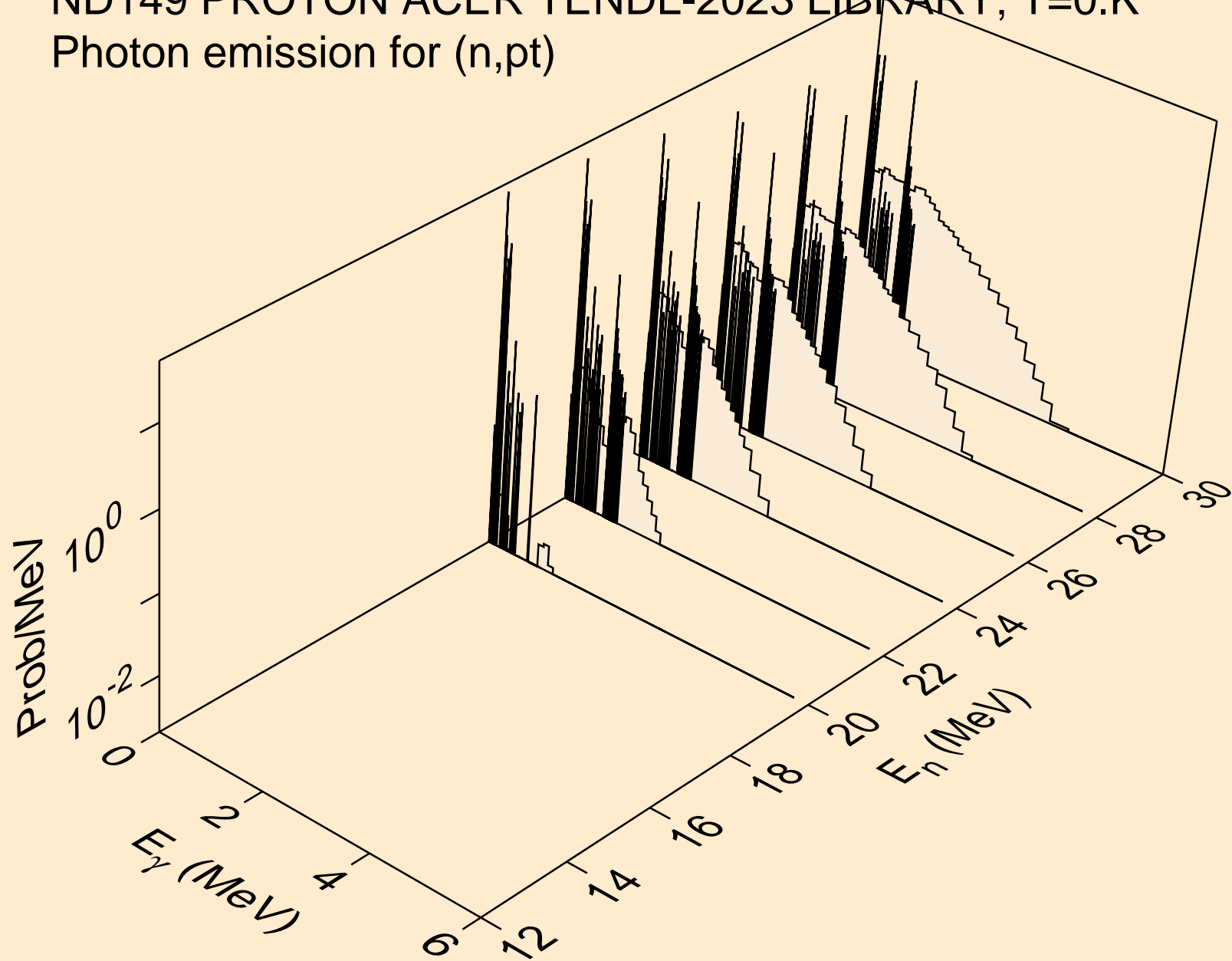


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Photon emission for (n,pd)

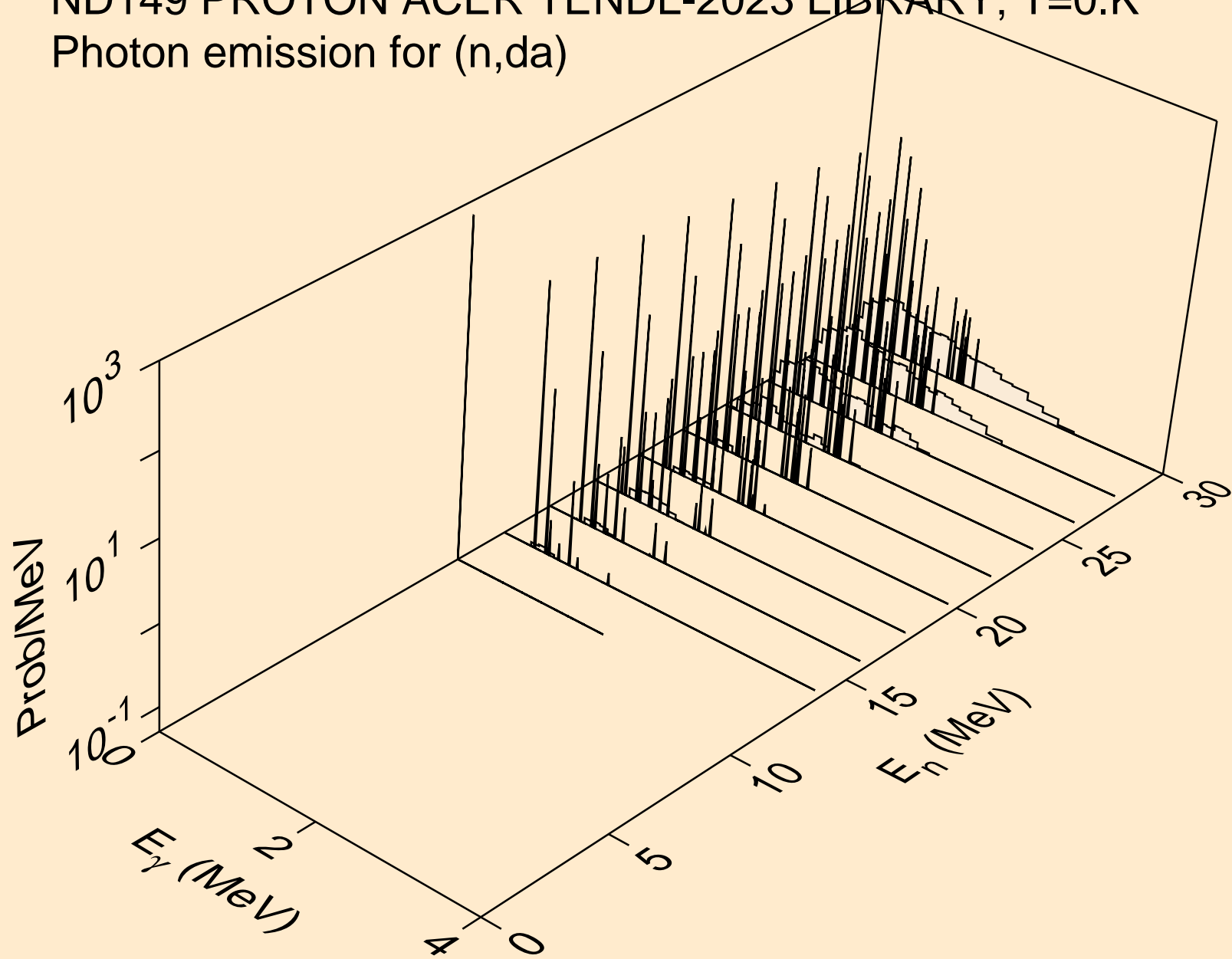




ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

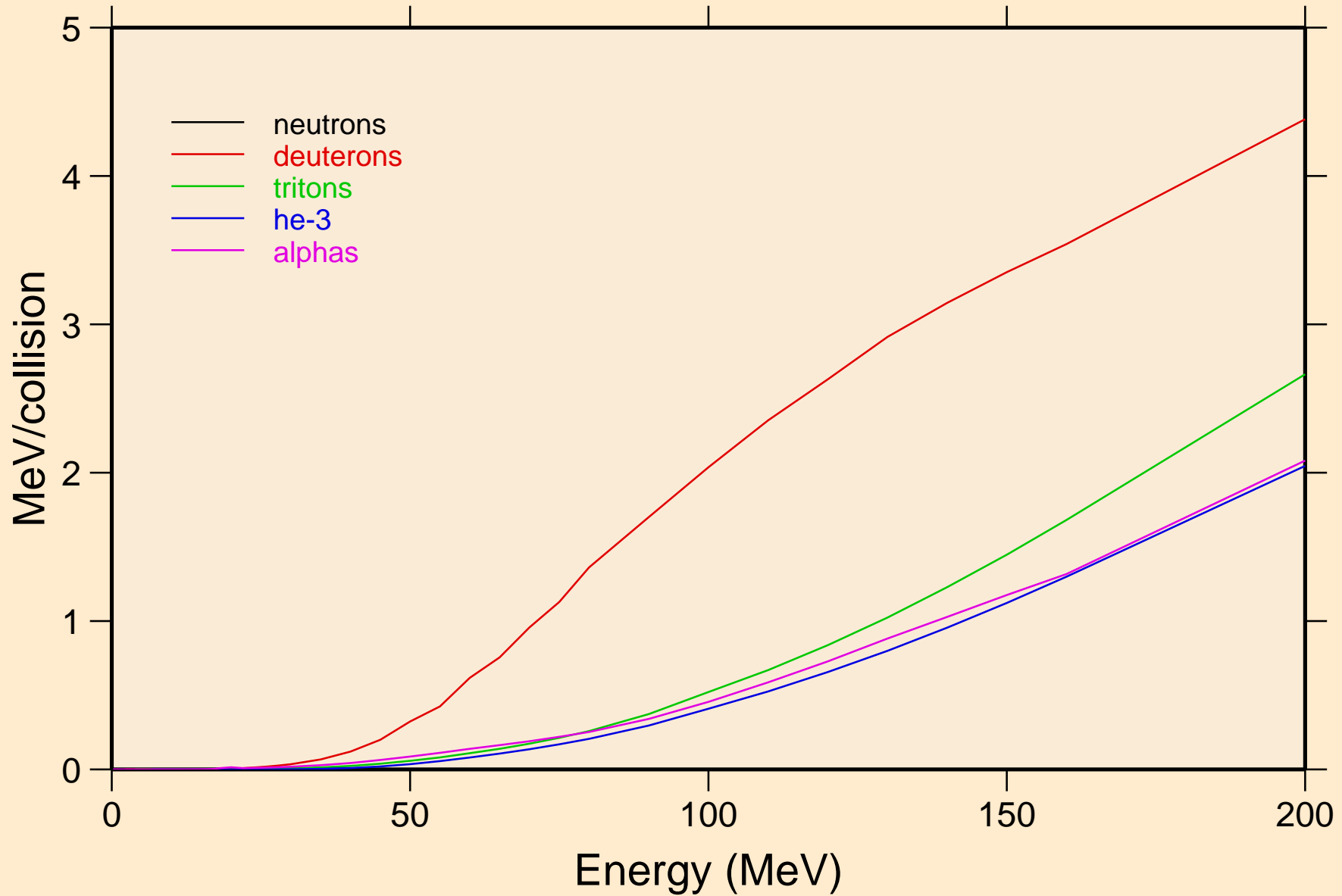


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Photon emission for (n,da)

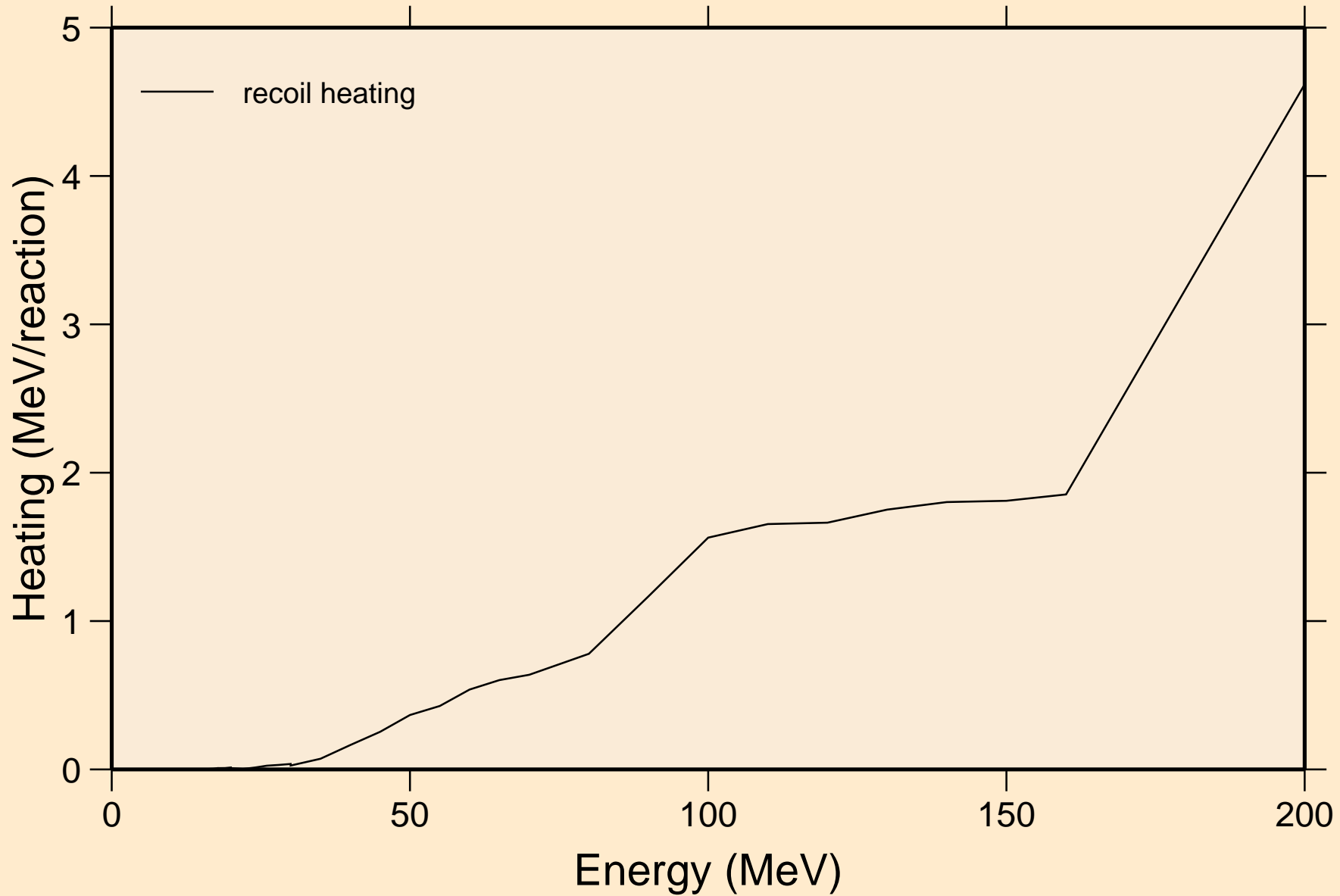


# ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

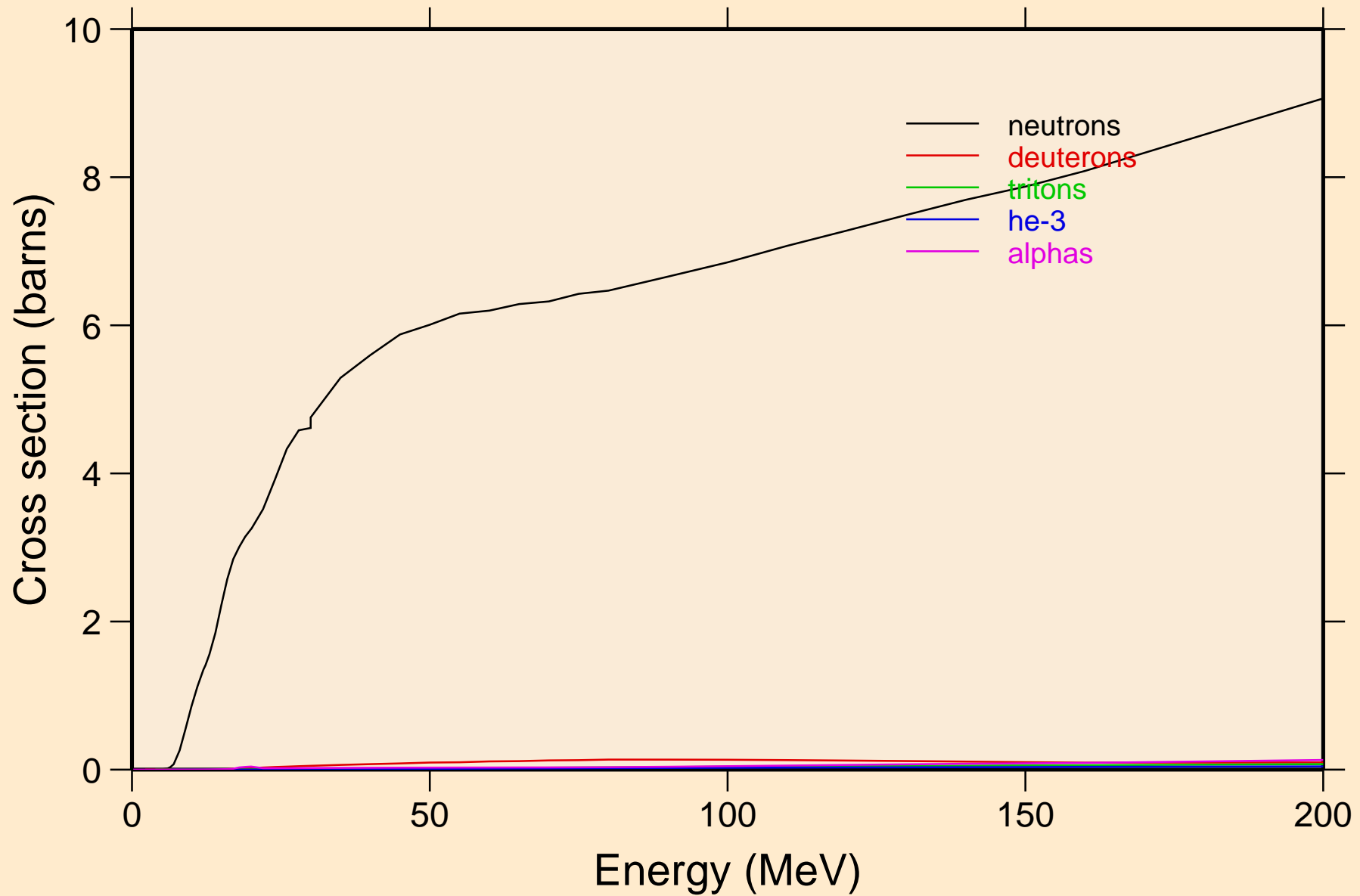


ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

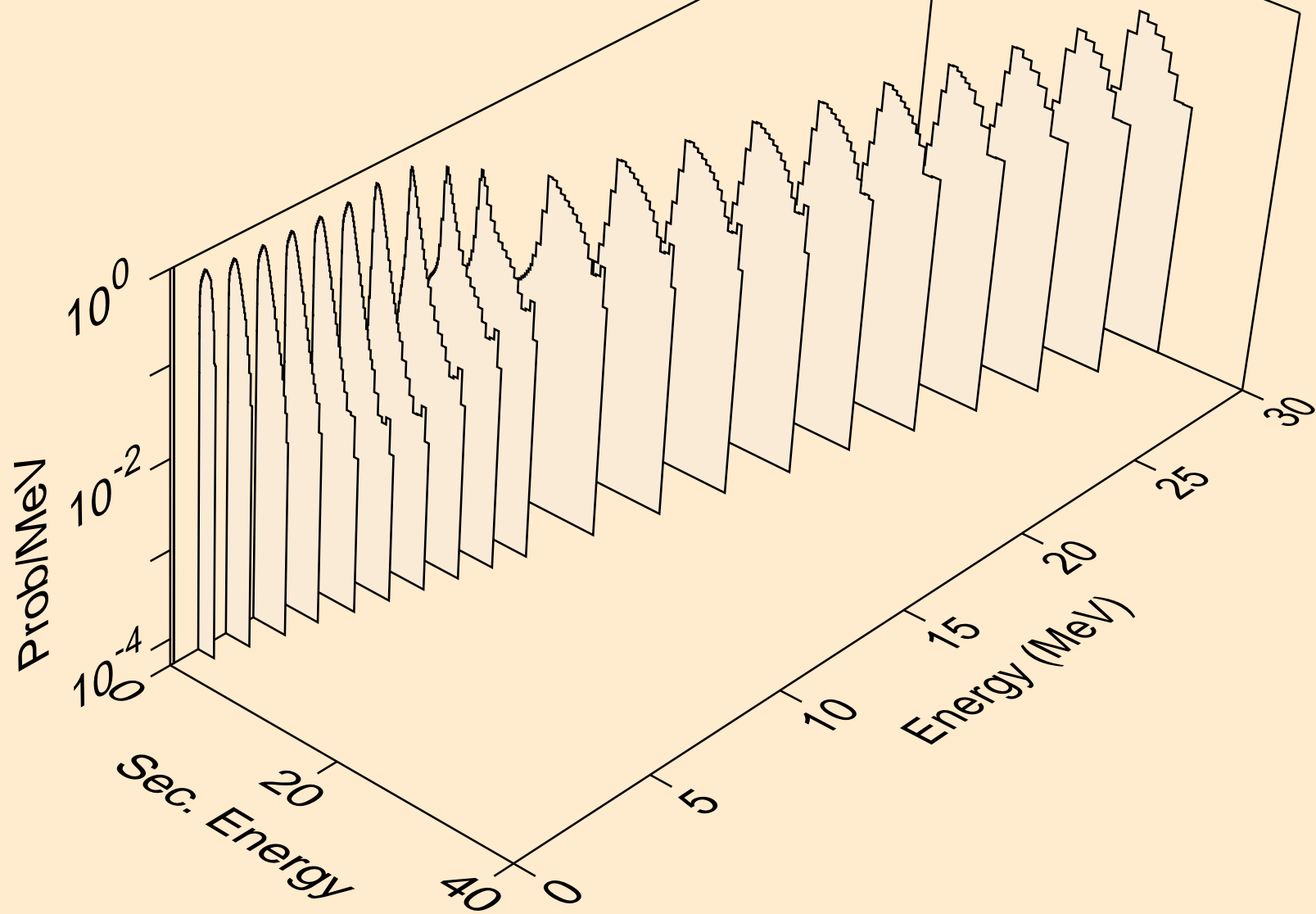


# ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K

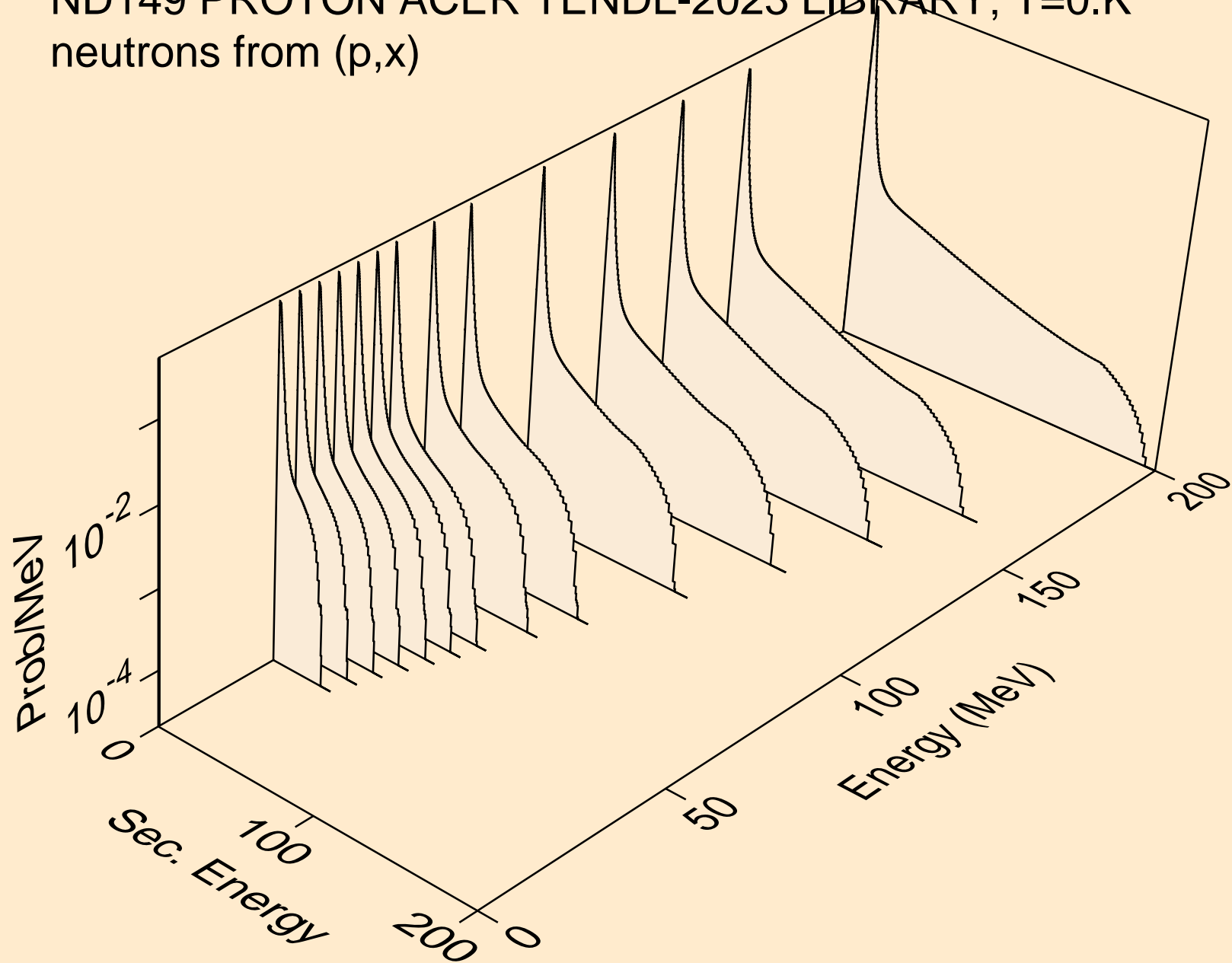
## Particle production cross sections



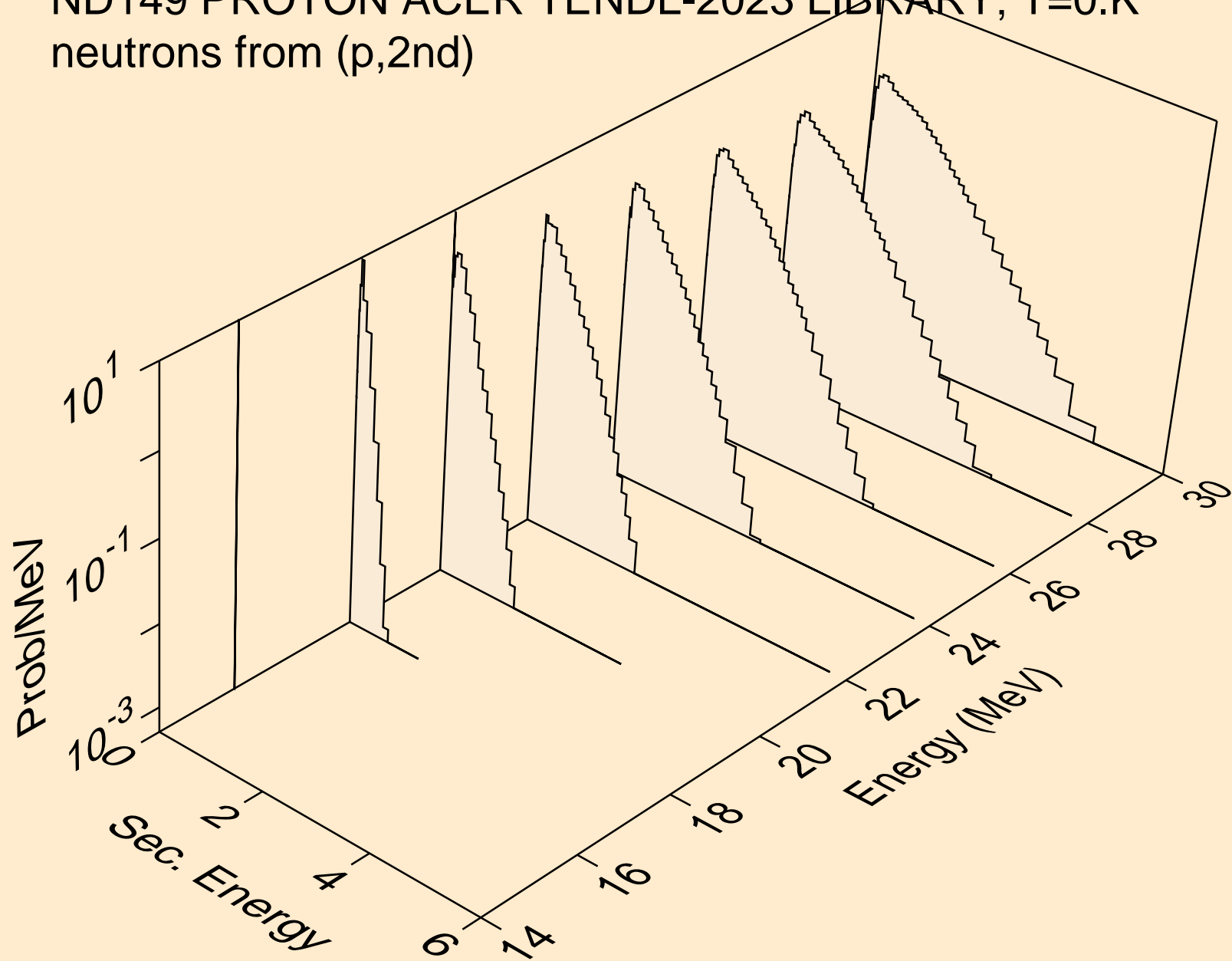
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

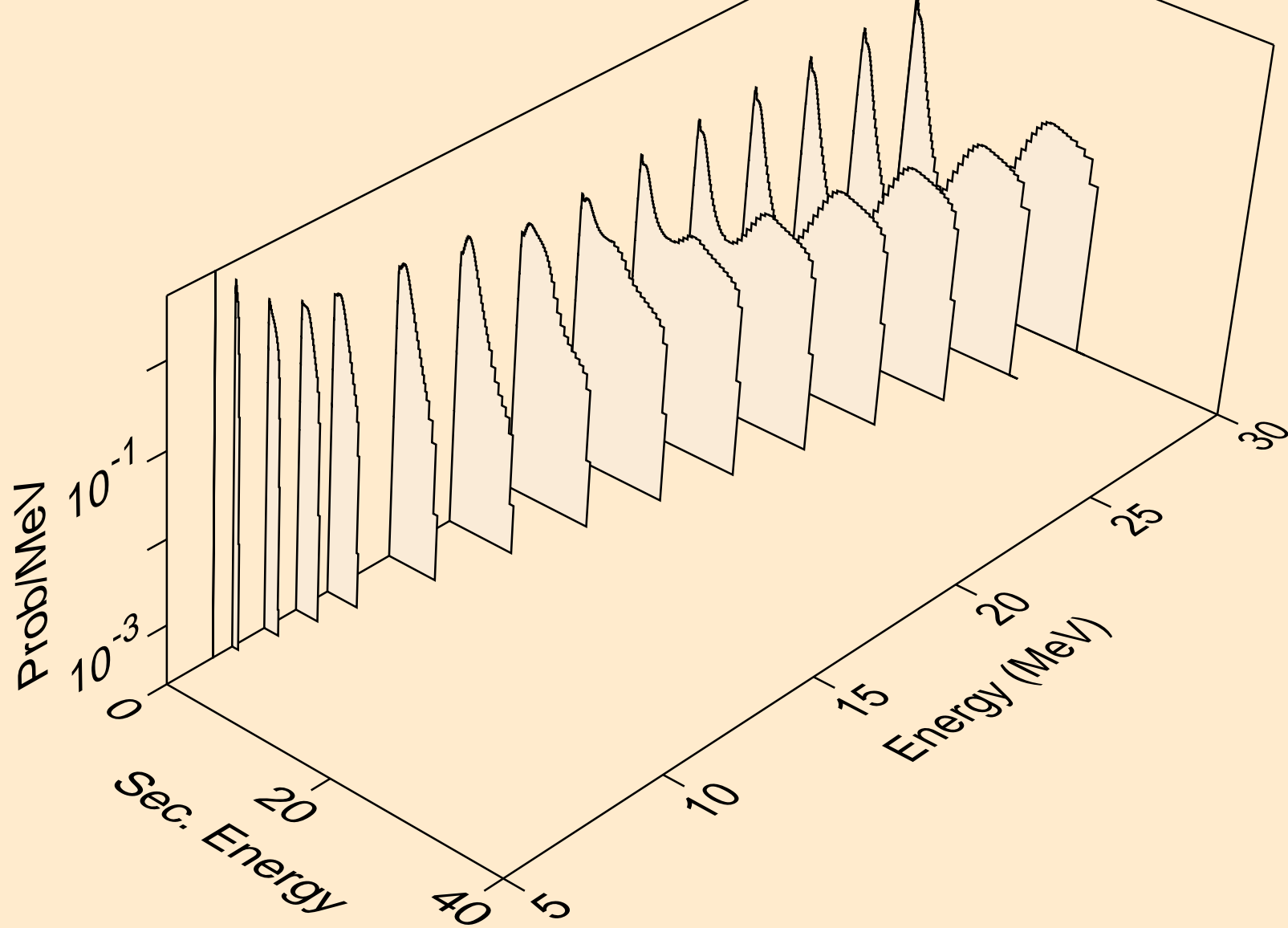


ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

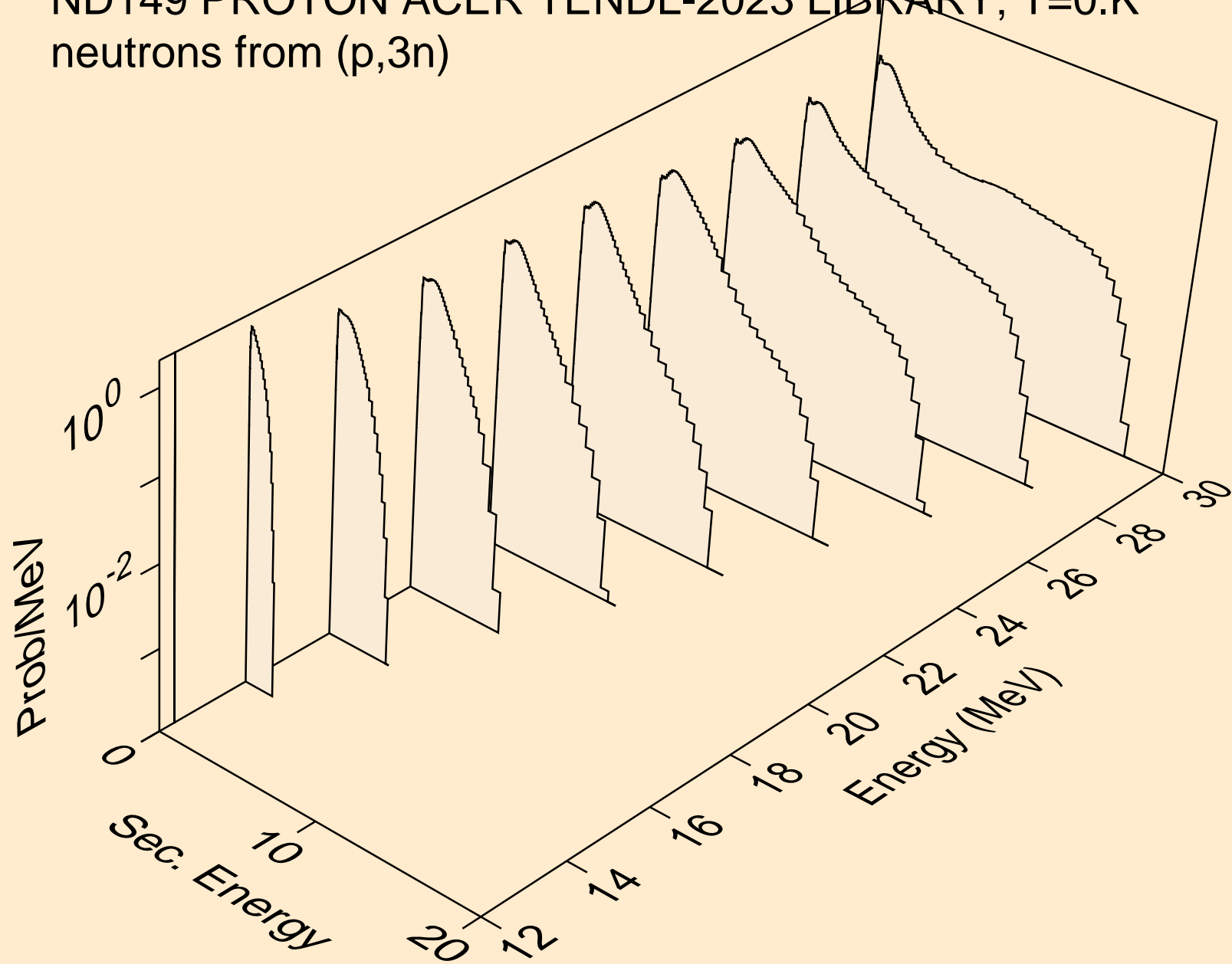




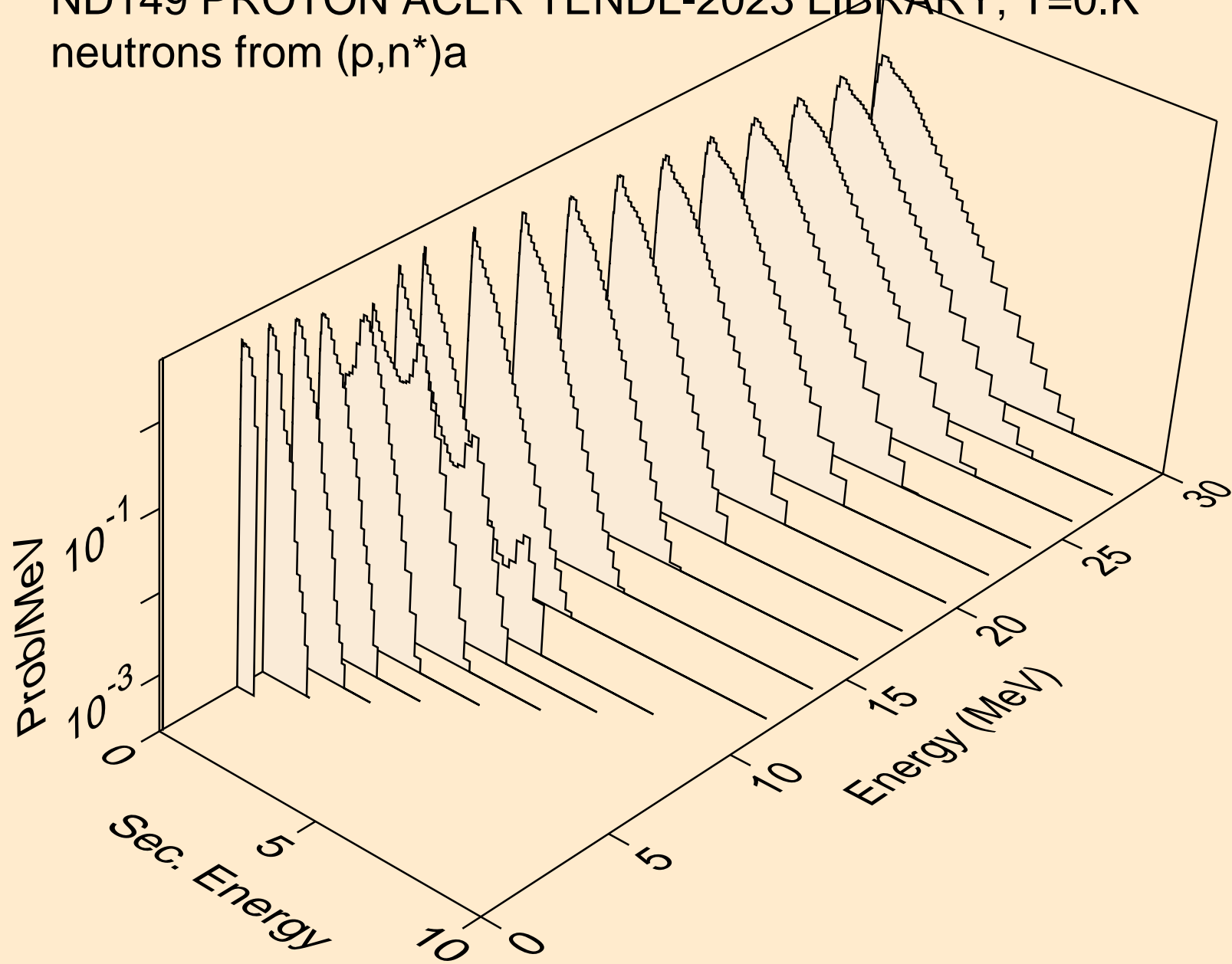
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



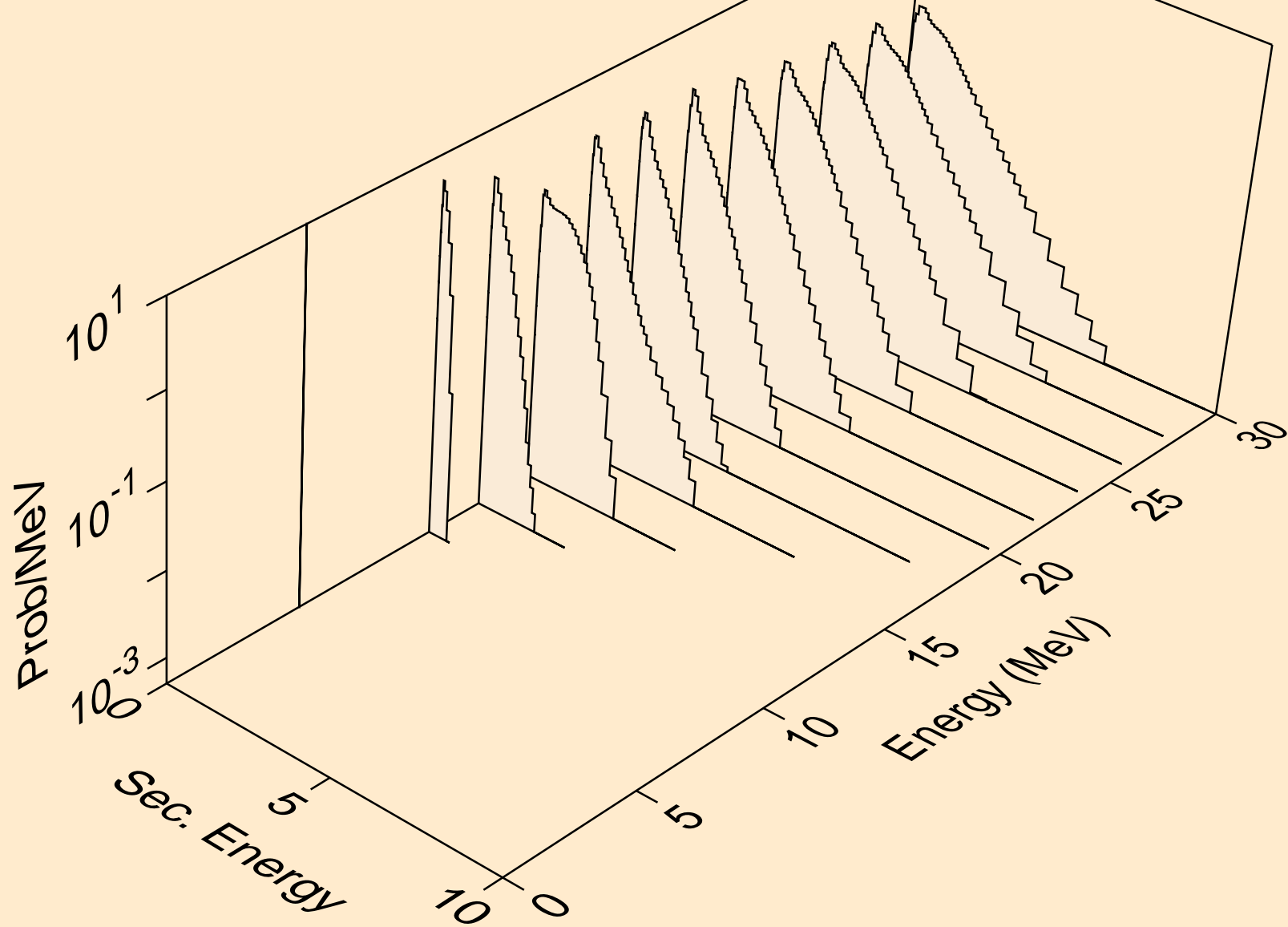
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



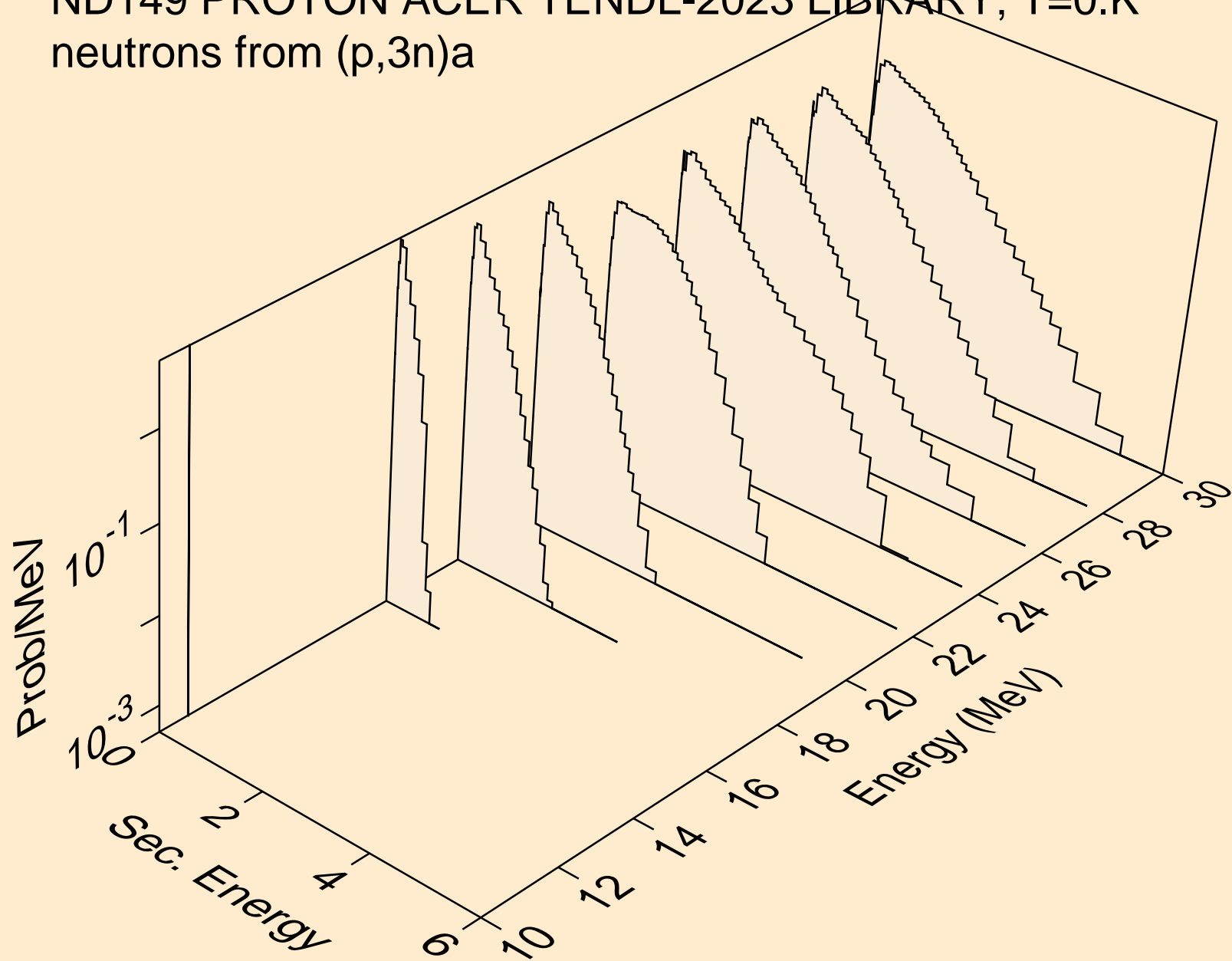
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



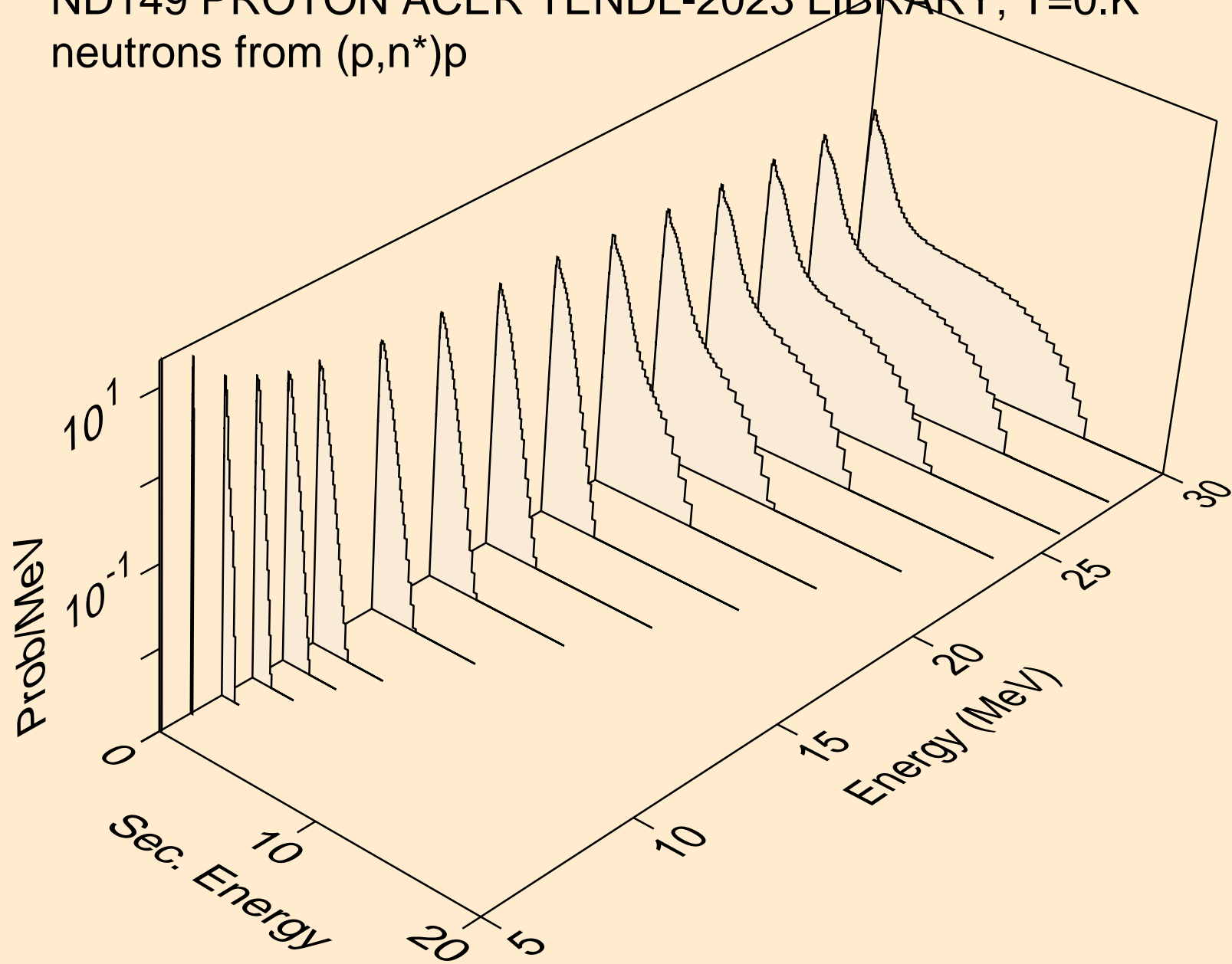
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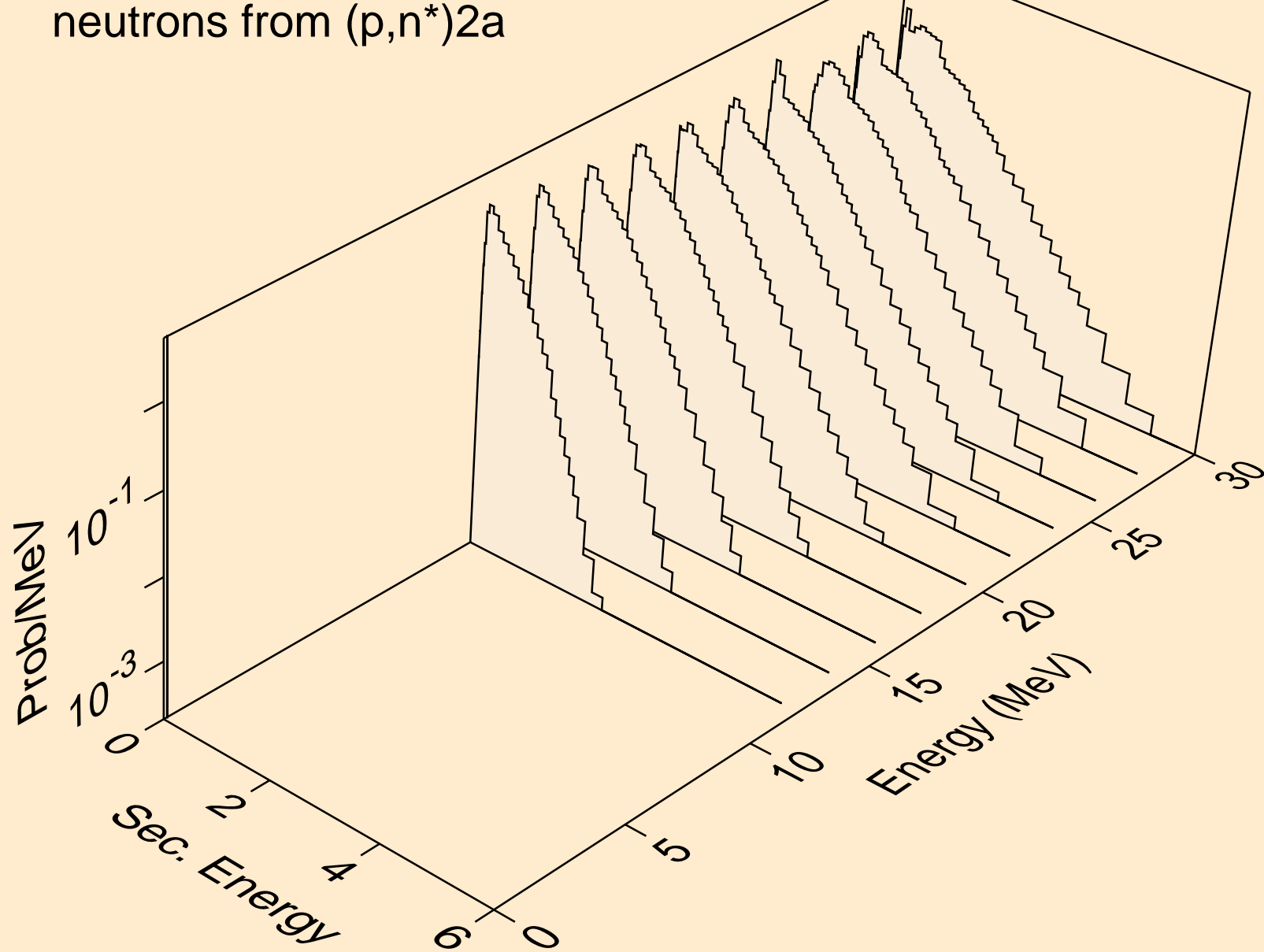
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neutrons from (p,3n)a



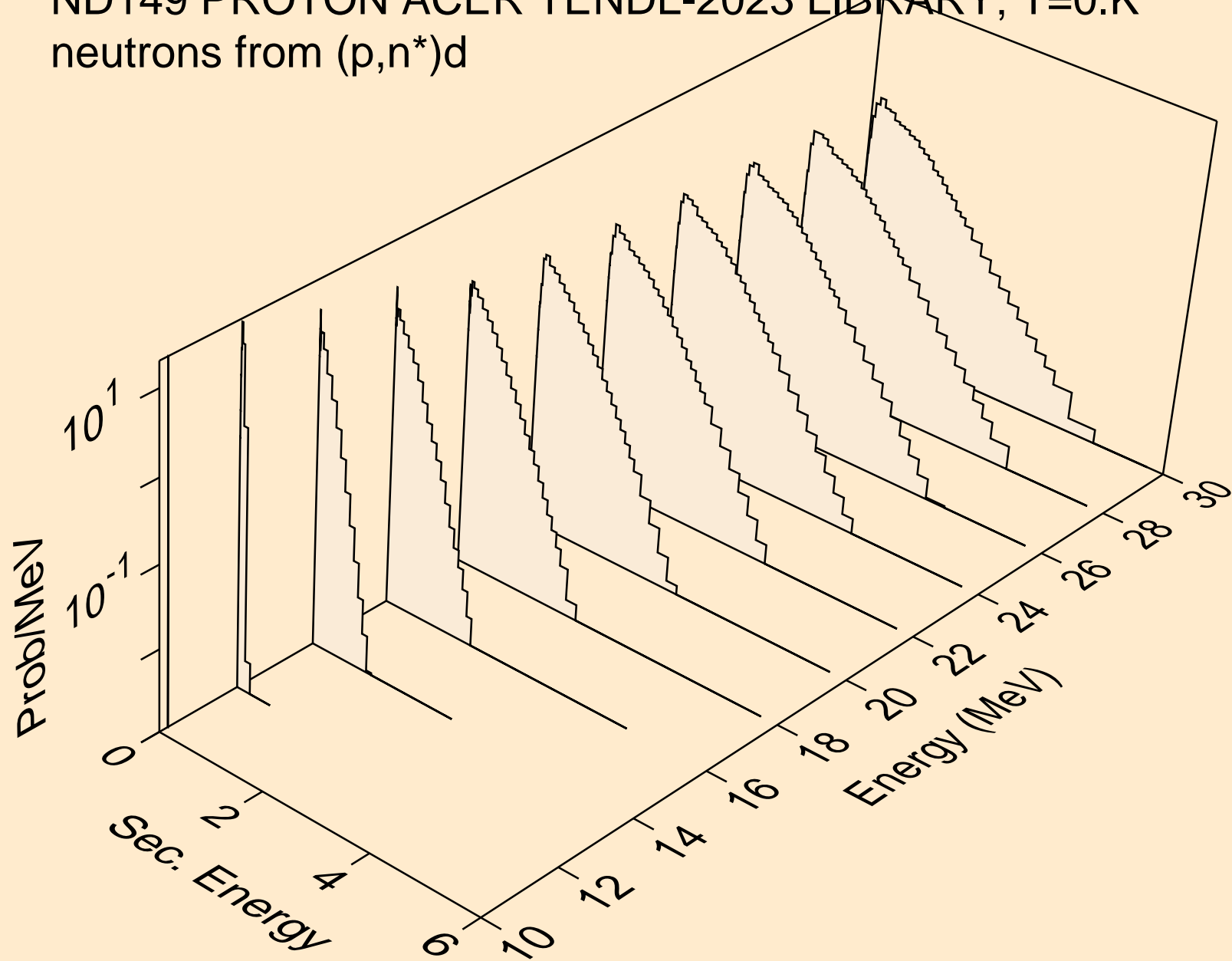
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

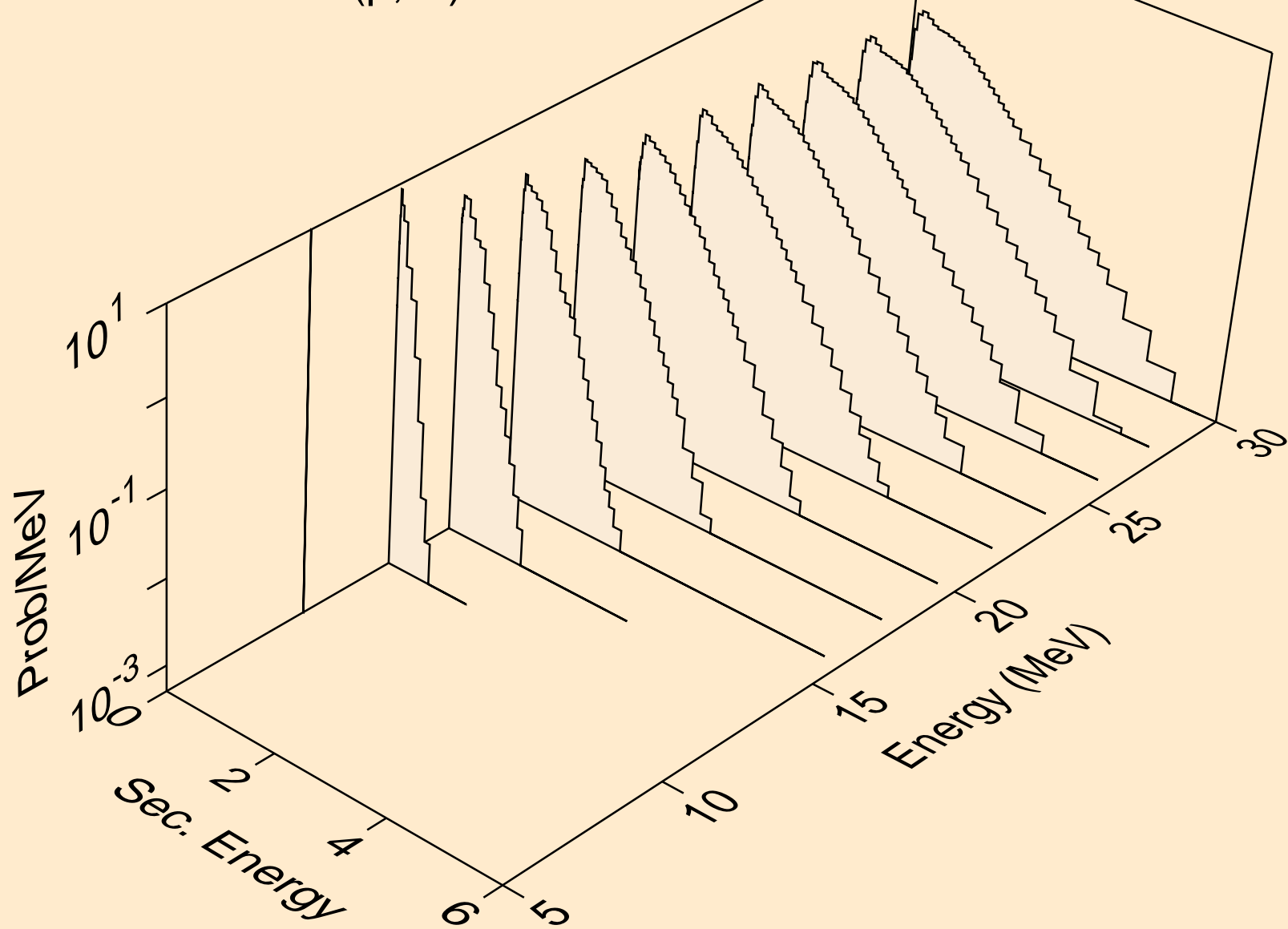


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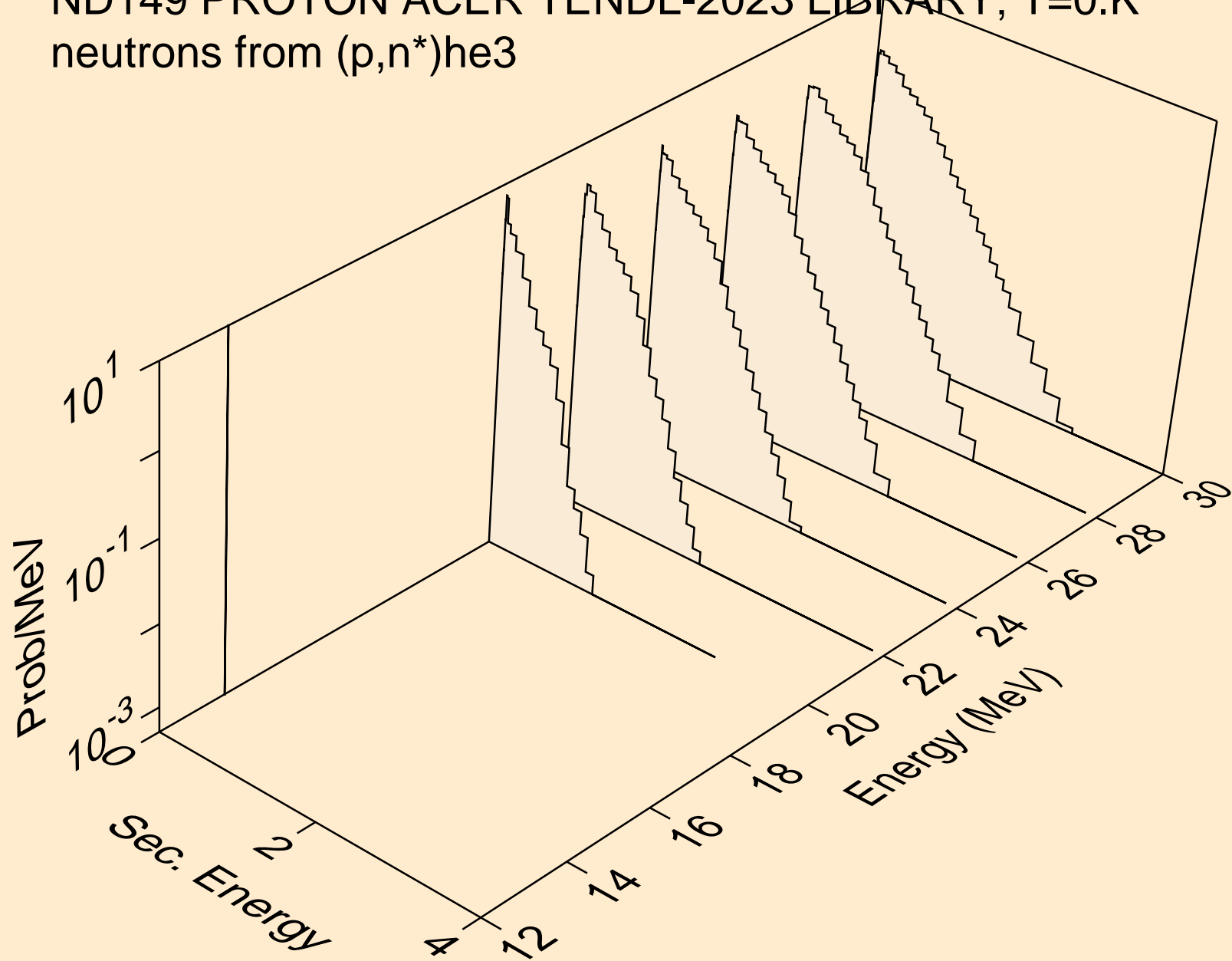




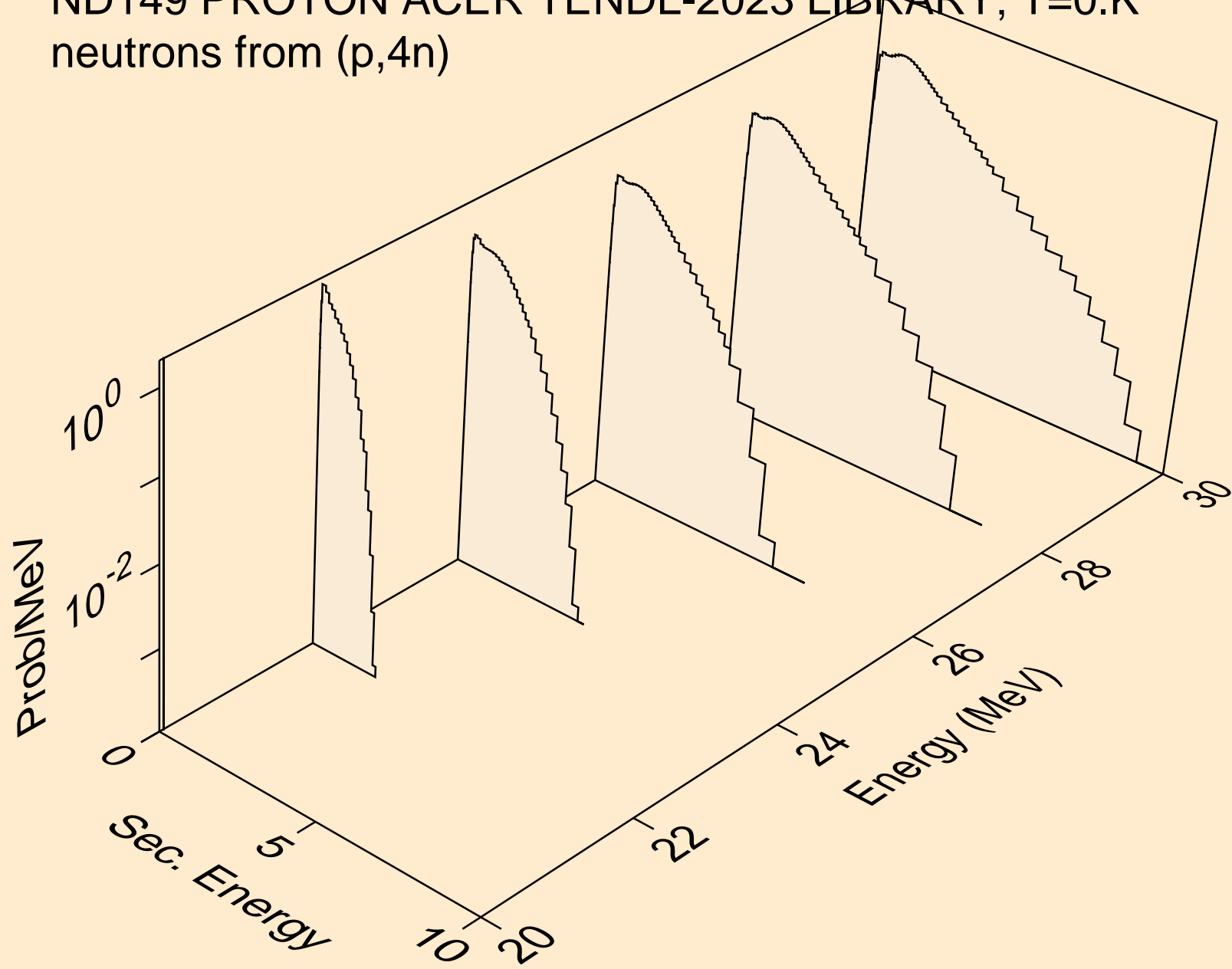
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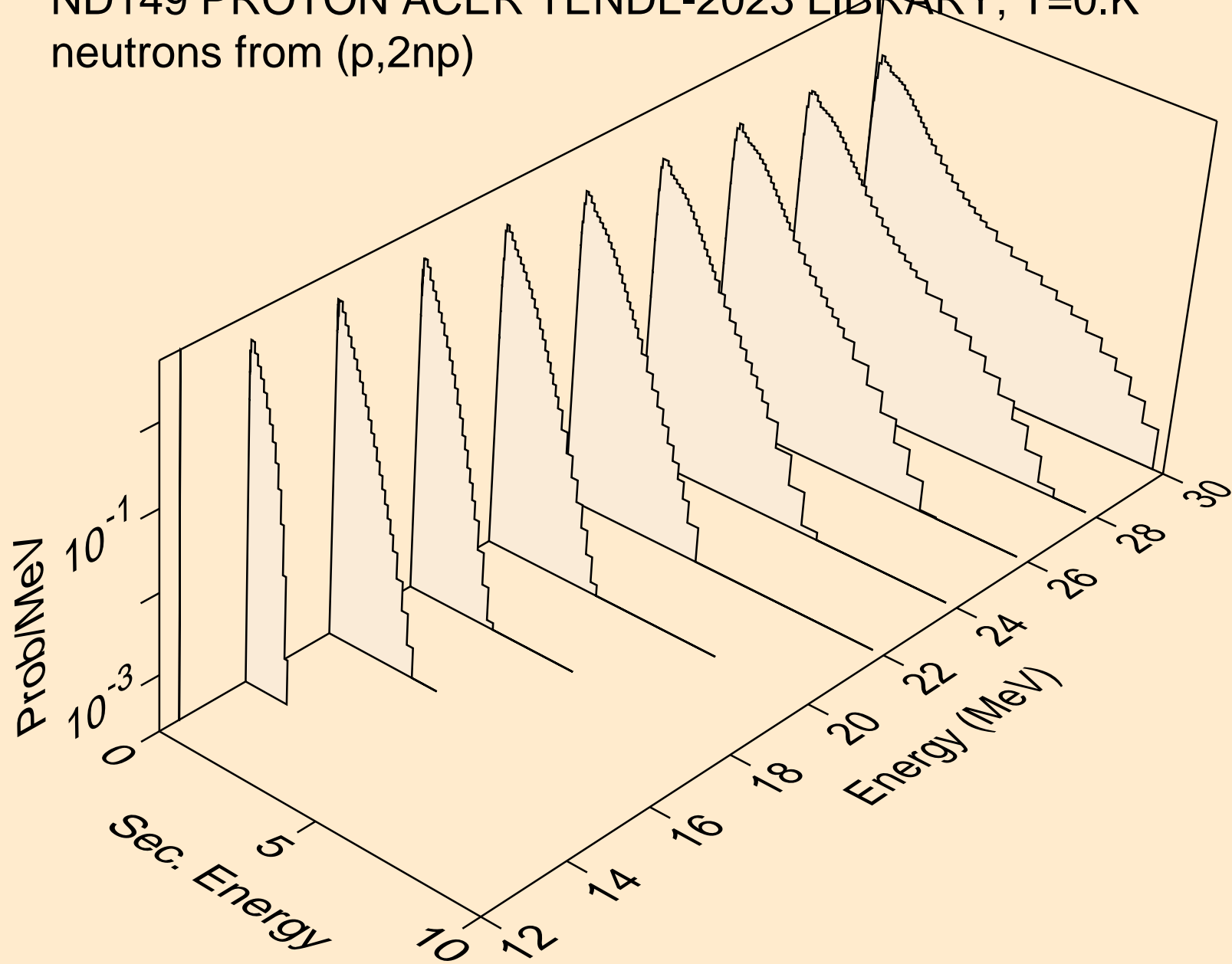
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



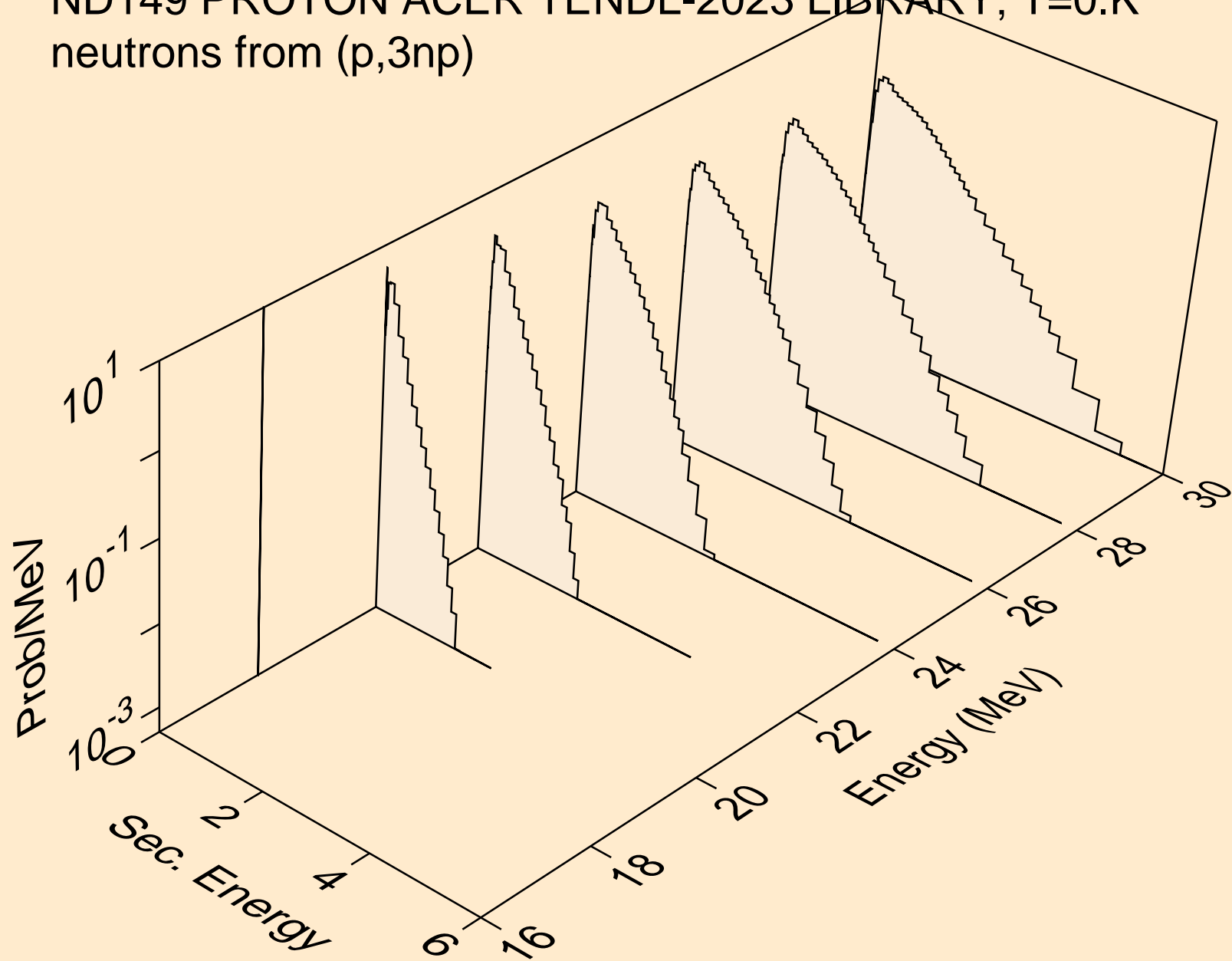
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



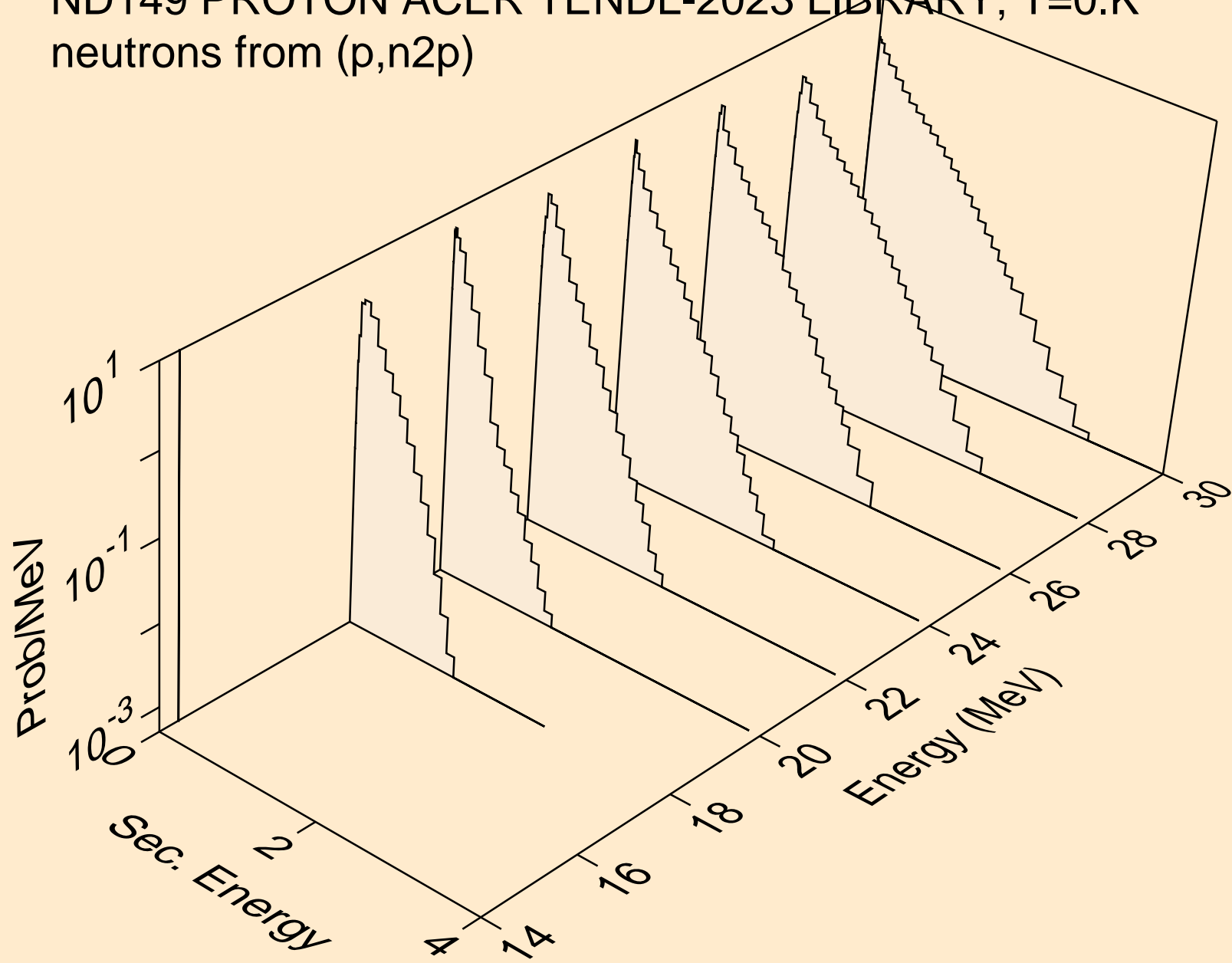
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



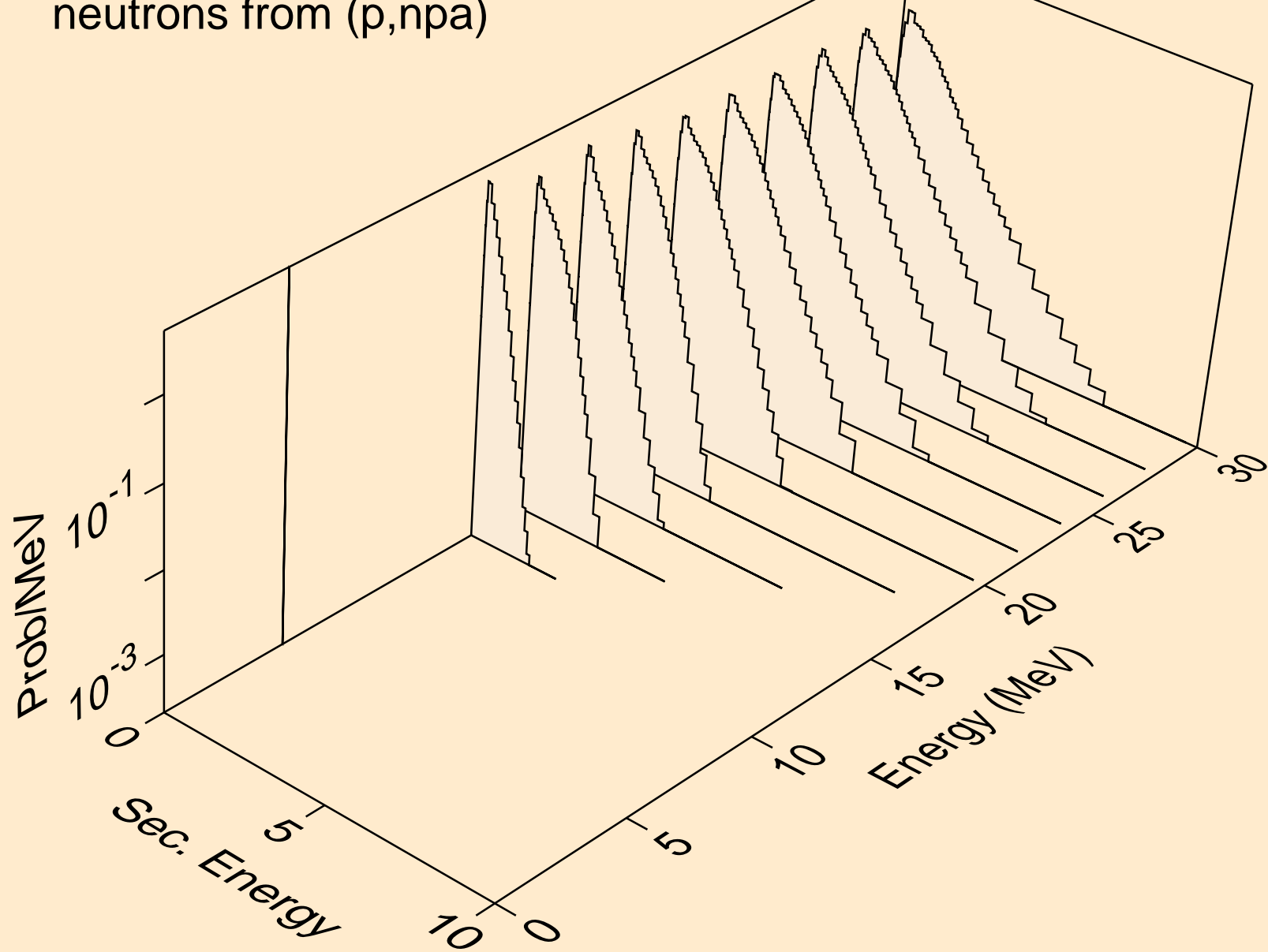
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



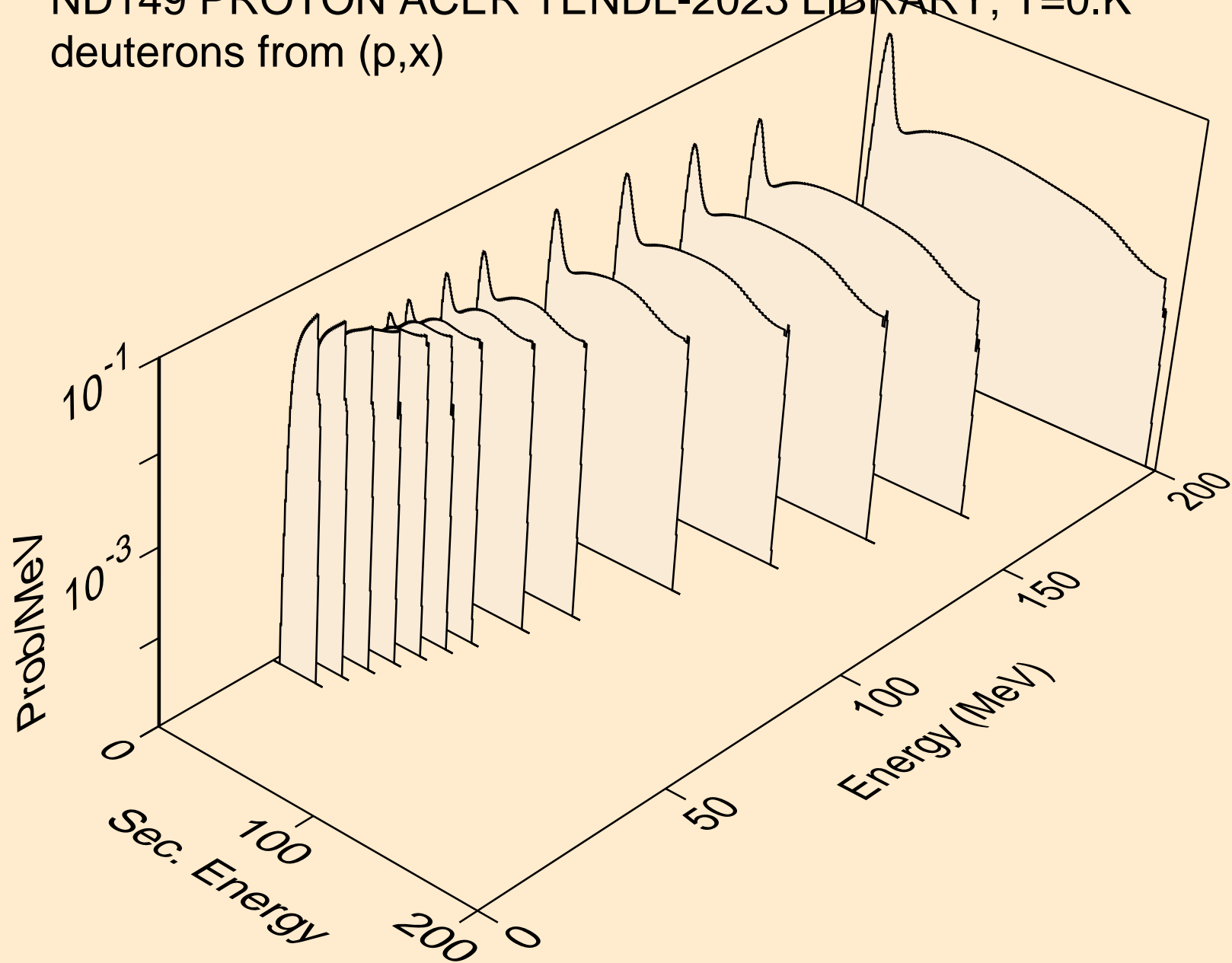
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)

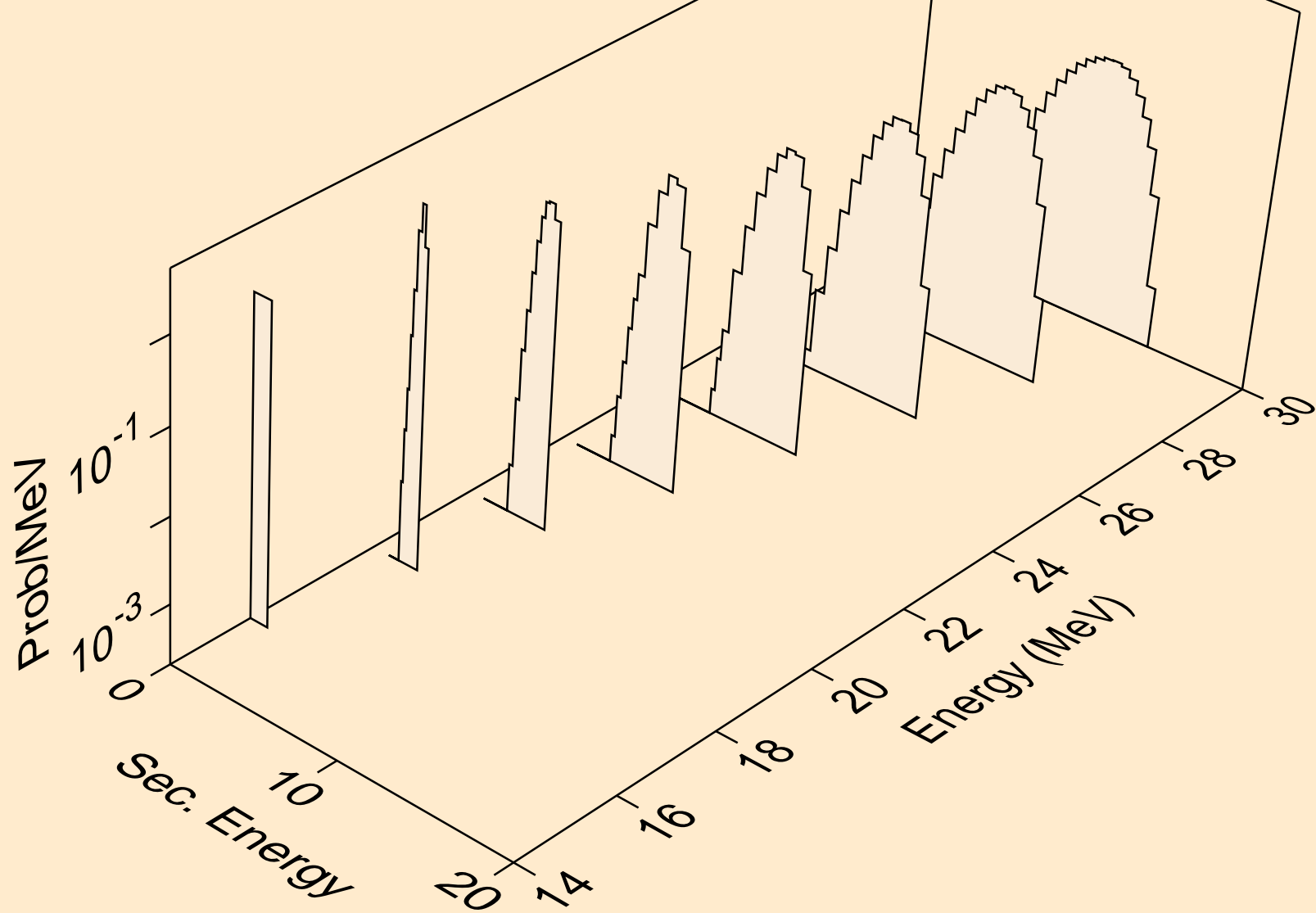


ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

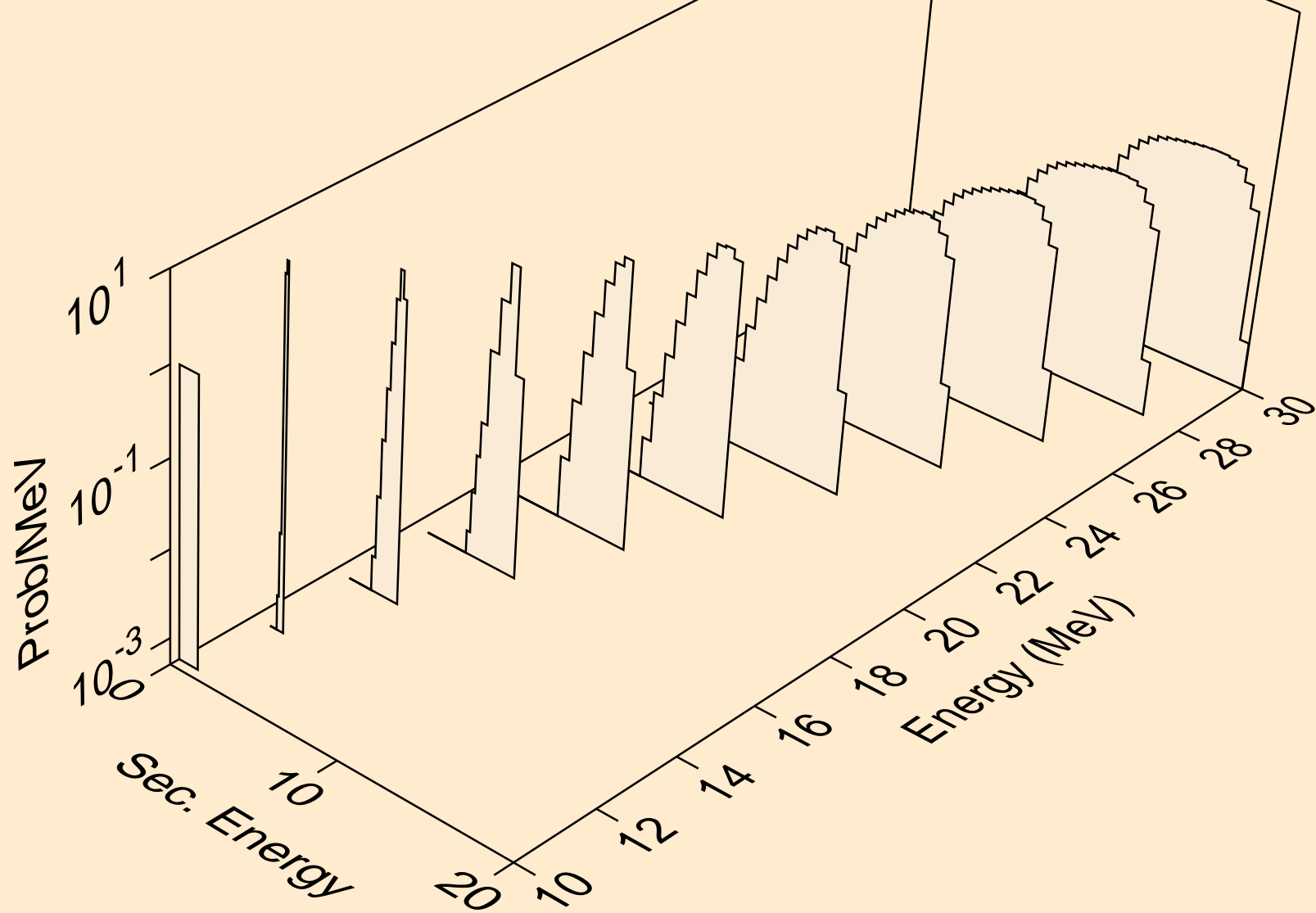




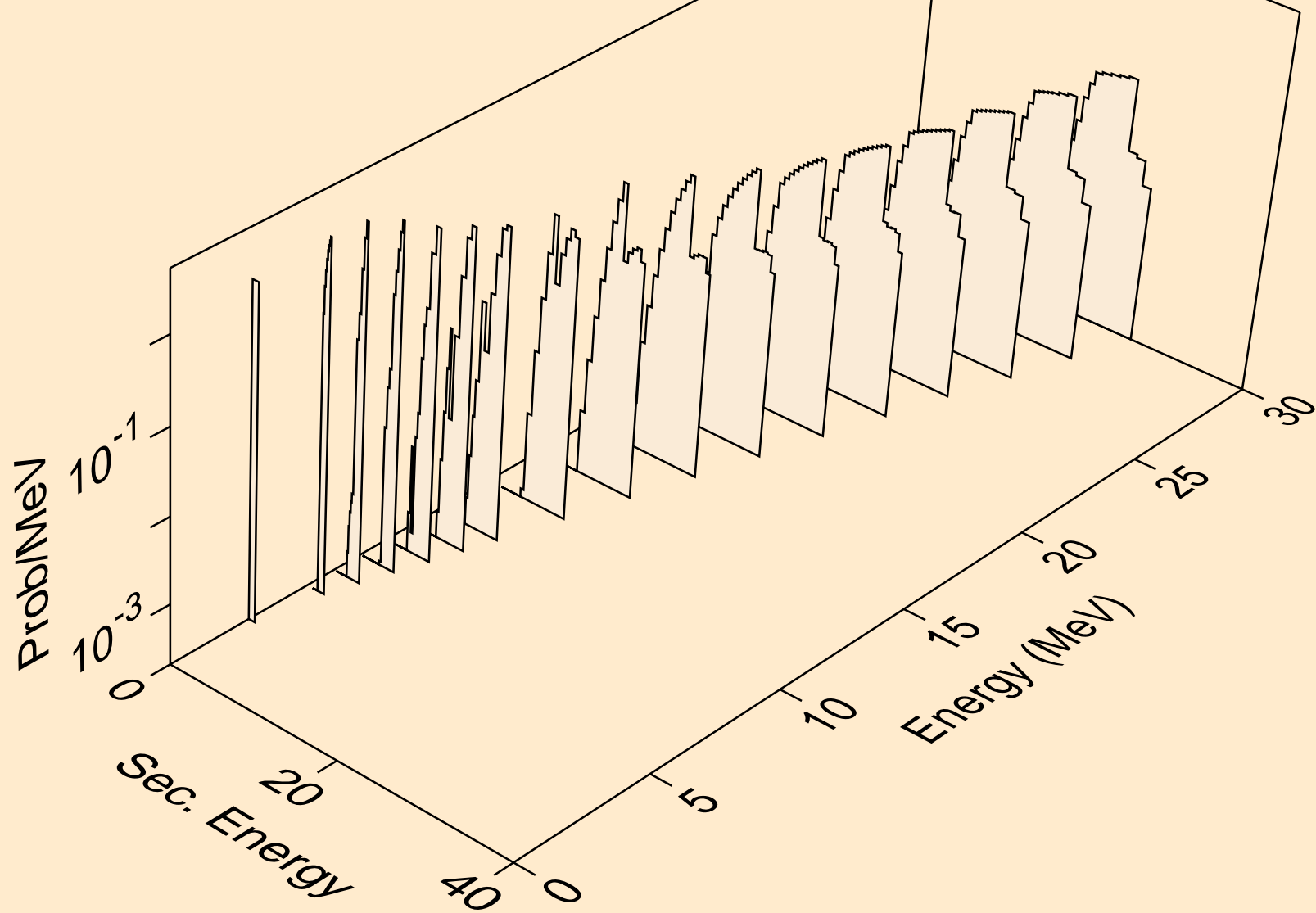
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



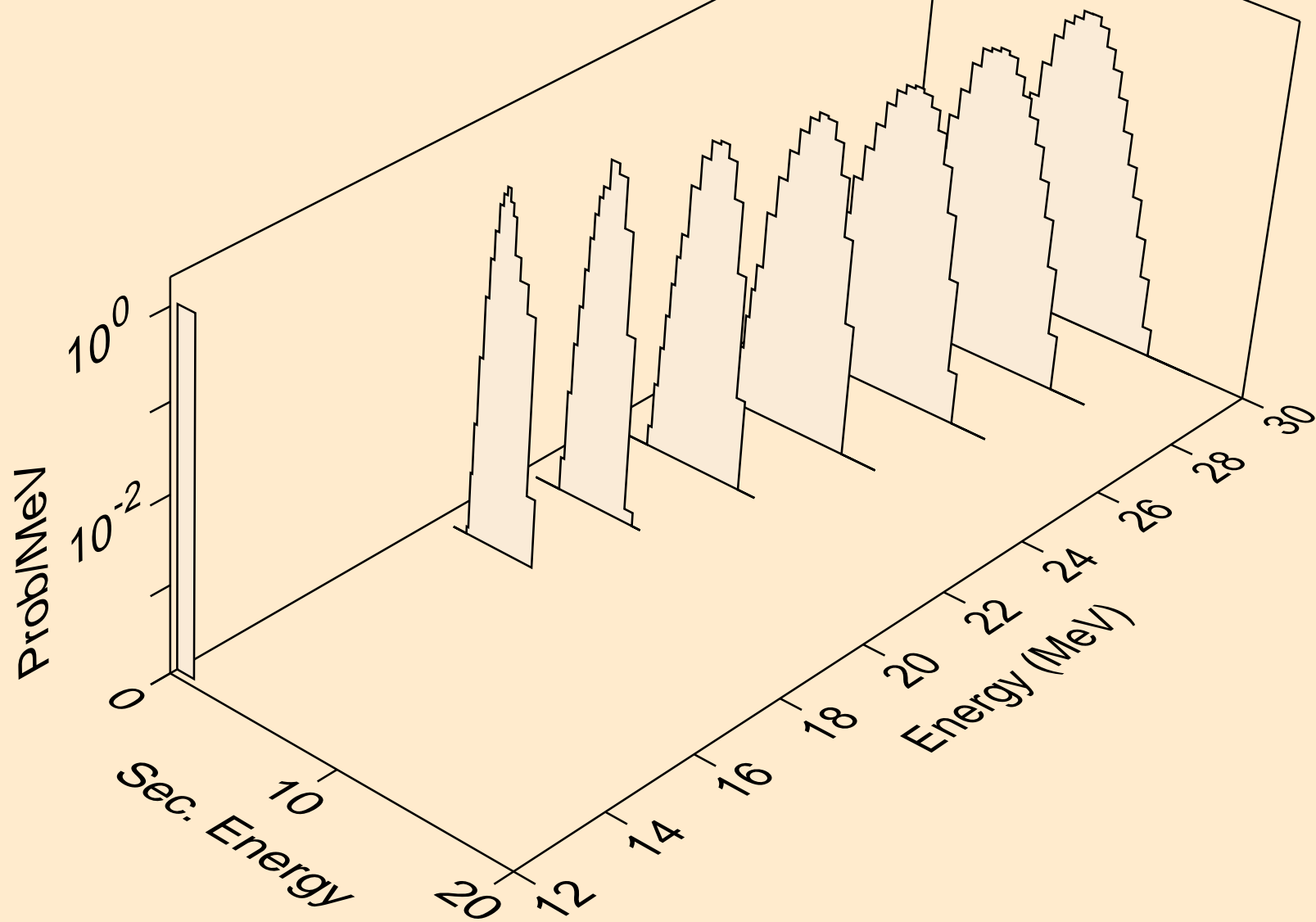
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



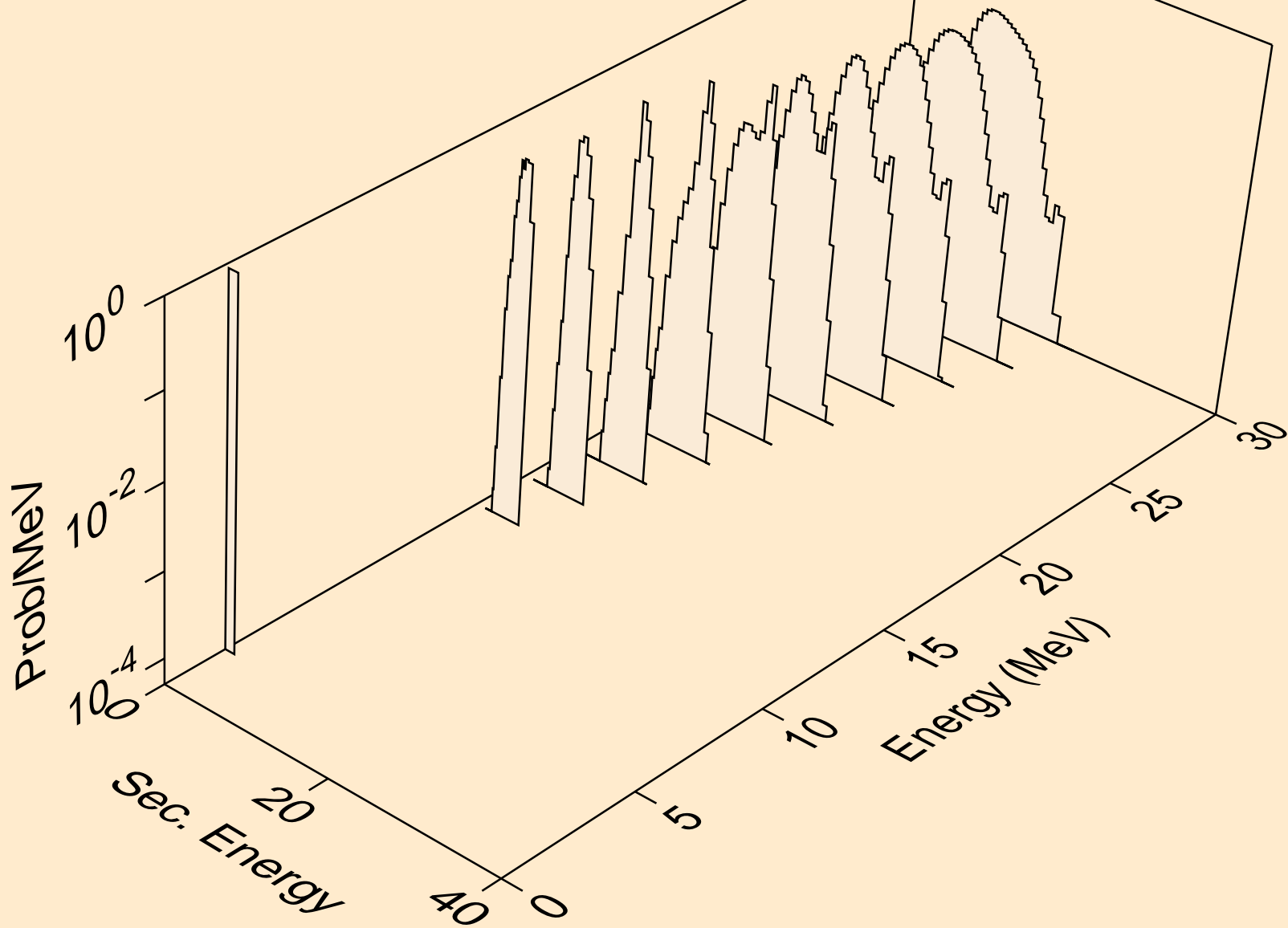
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



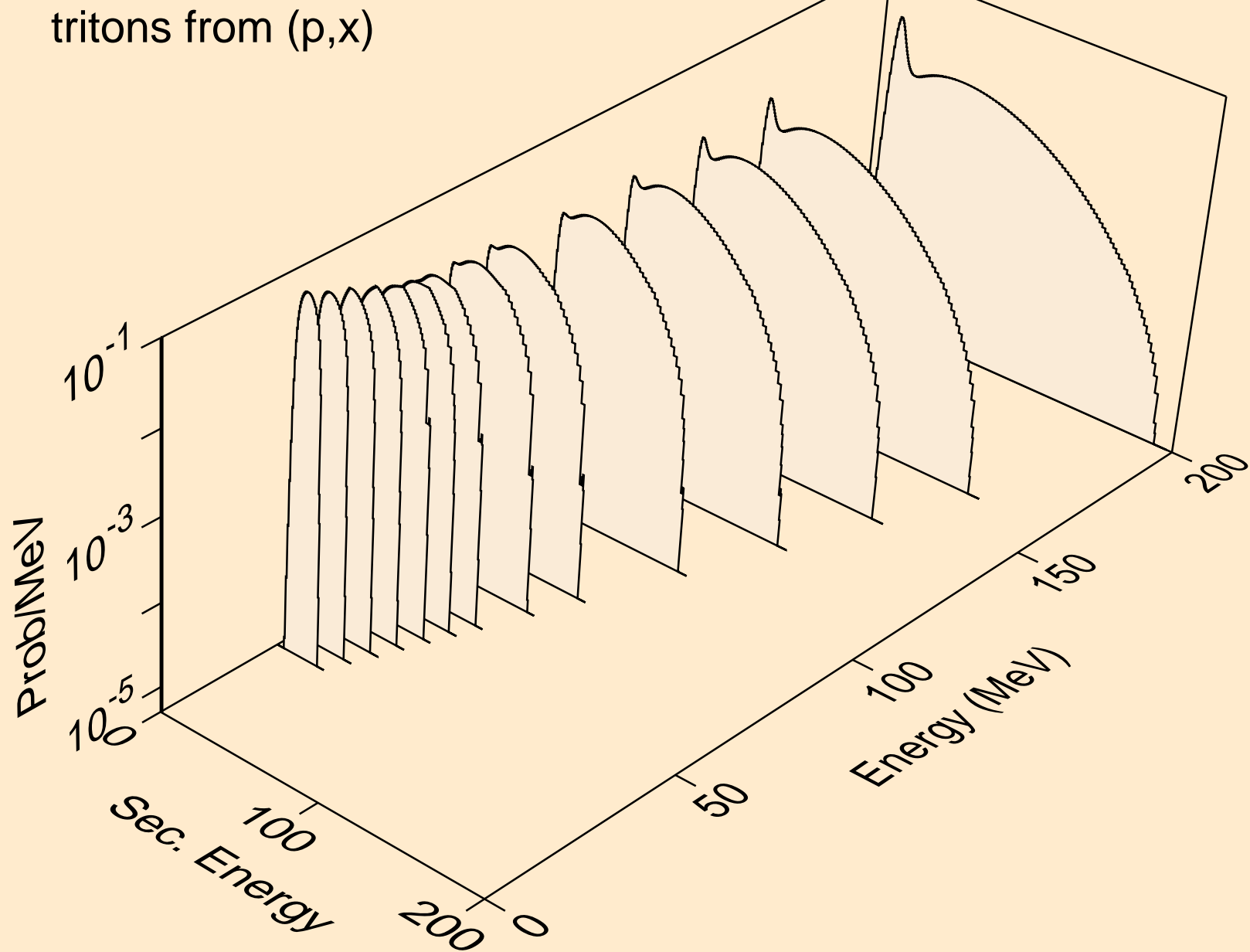
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



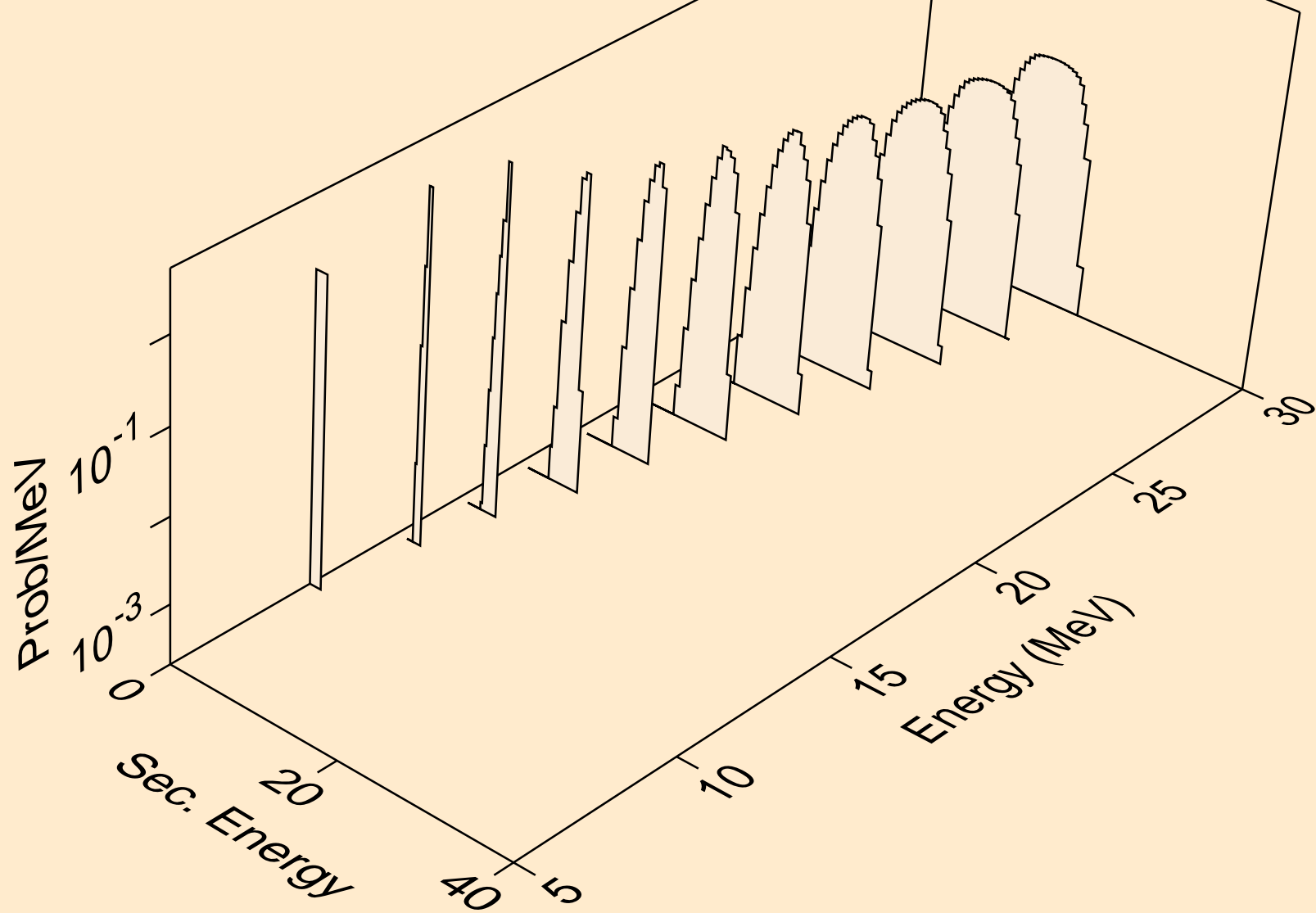
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



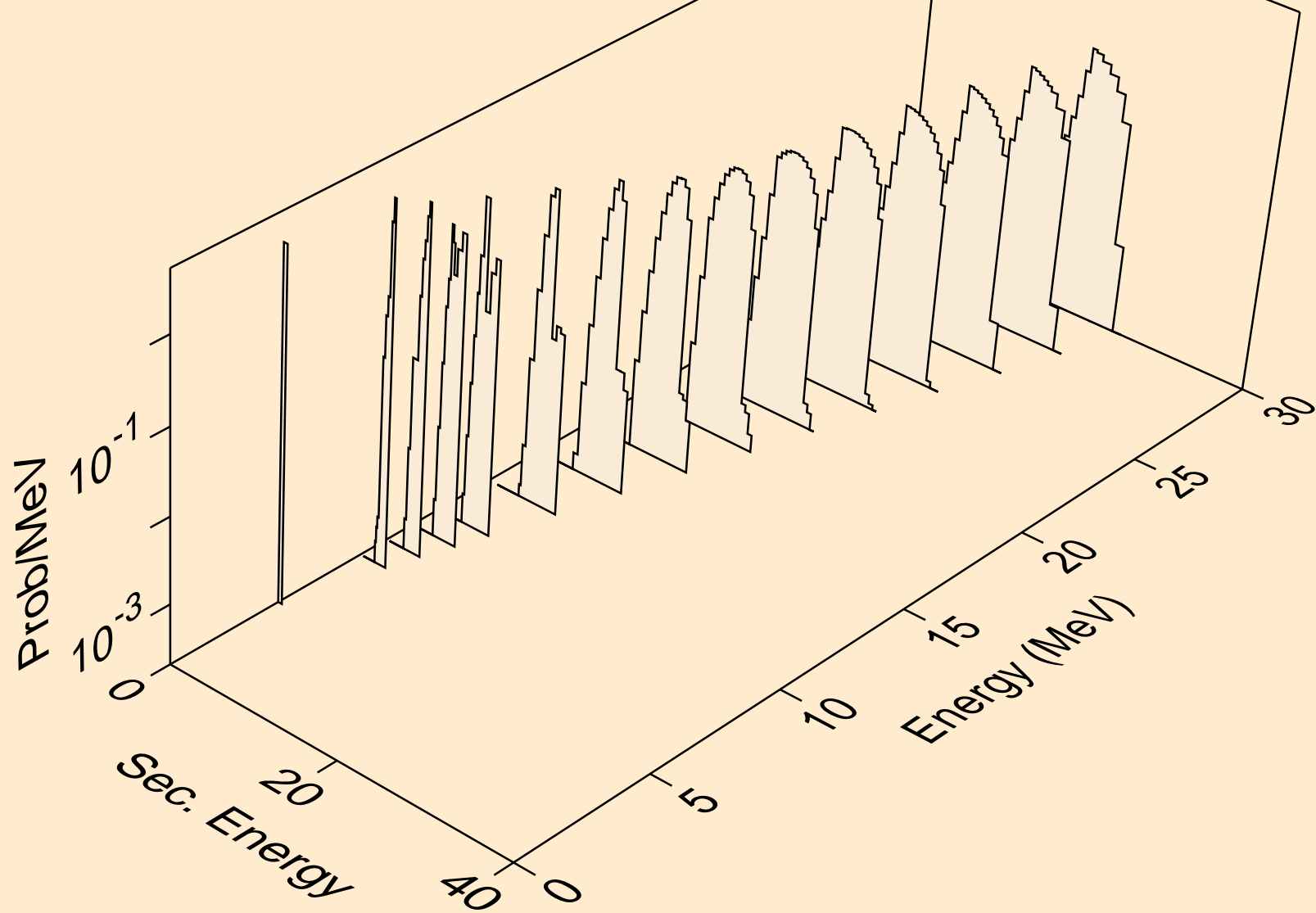
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

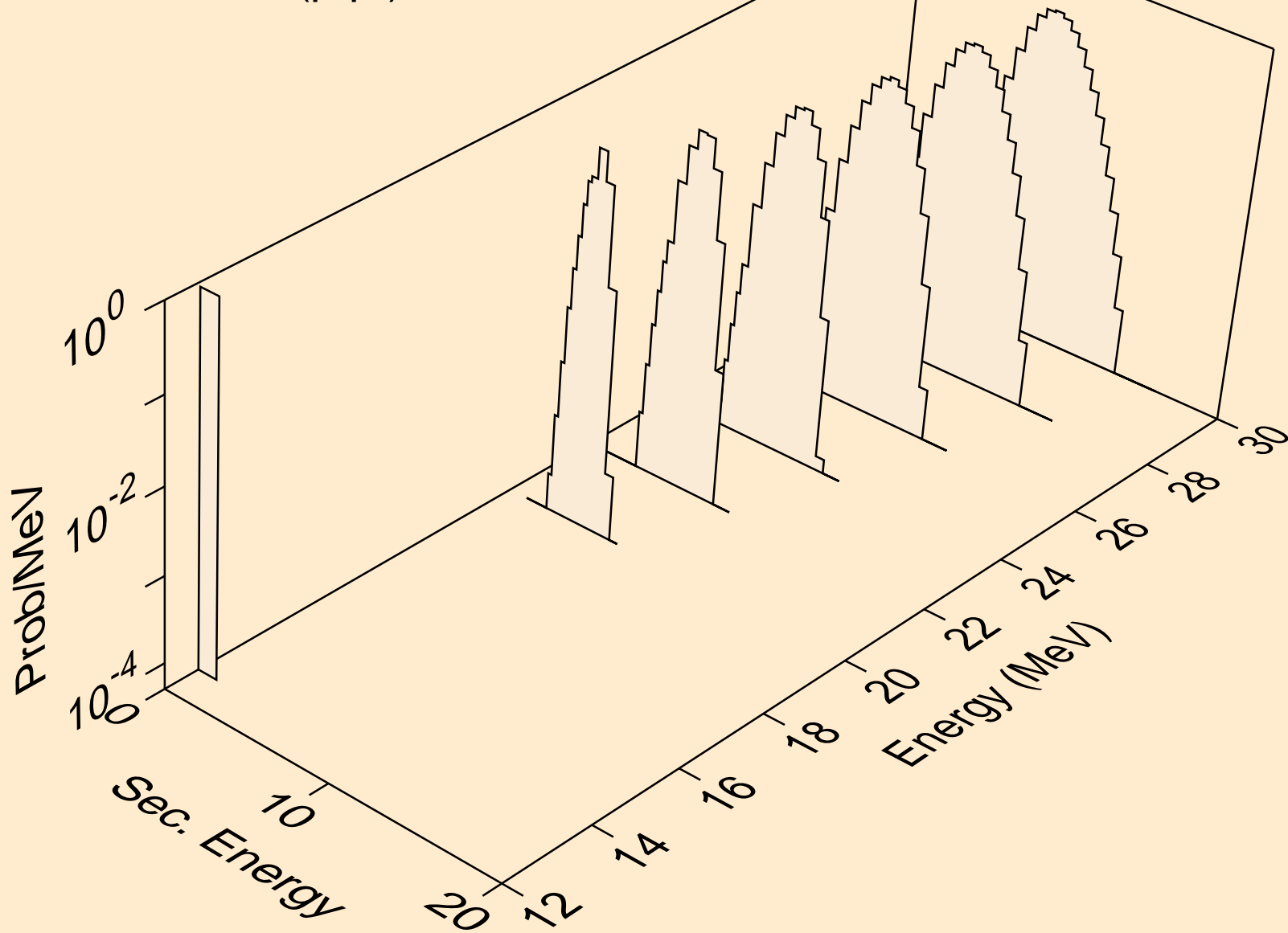


ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

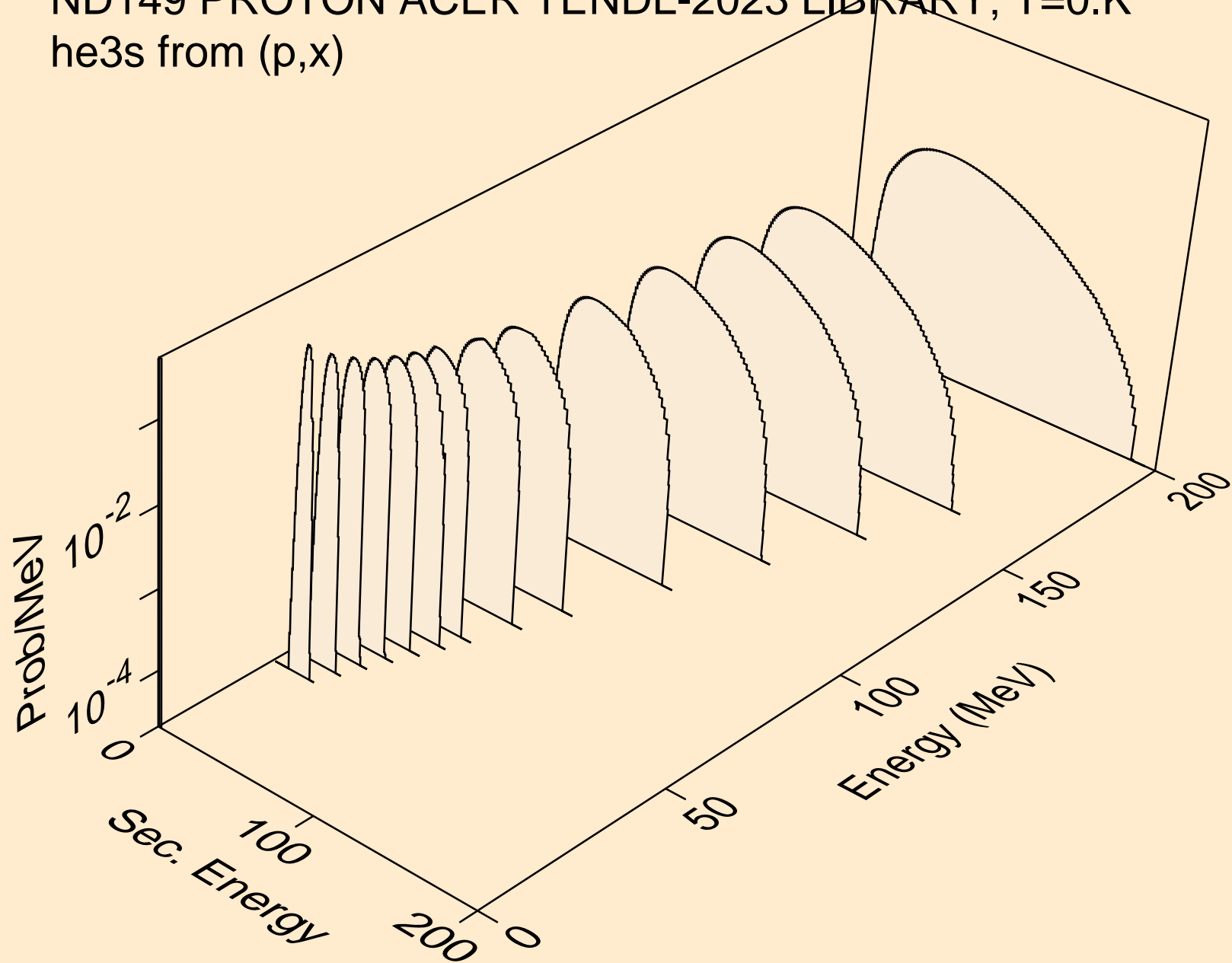




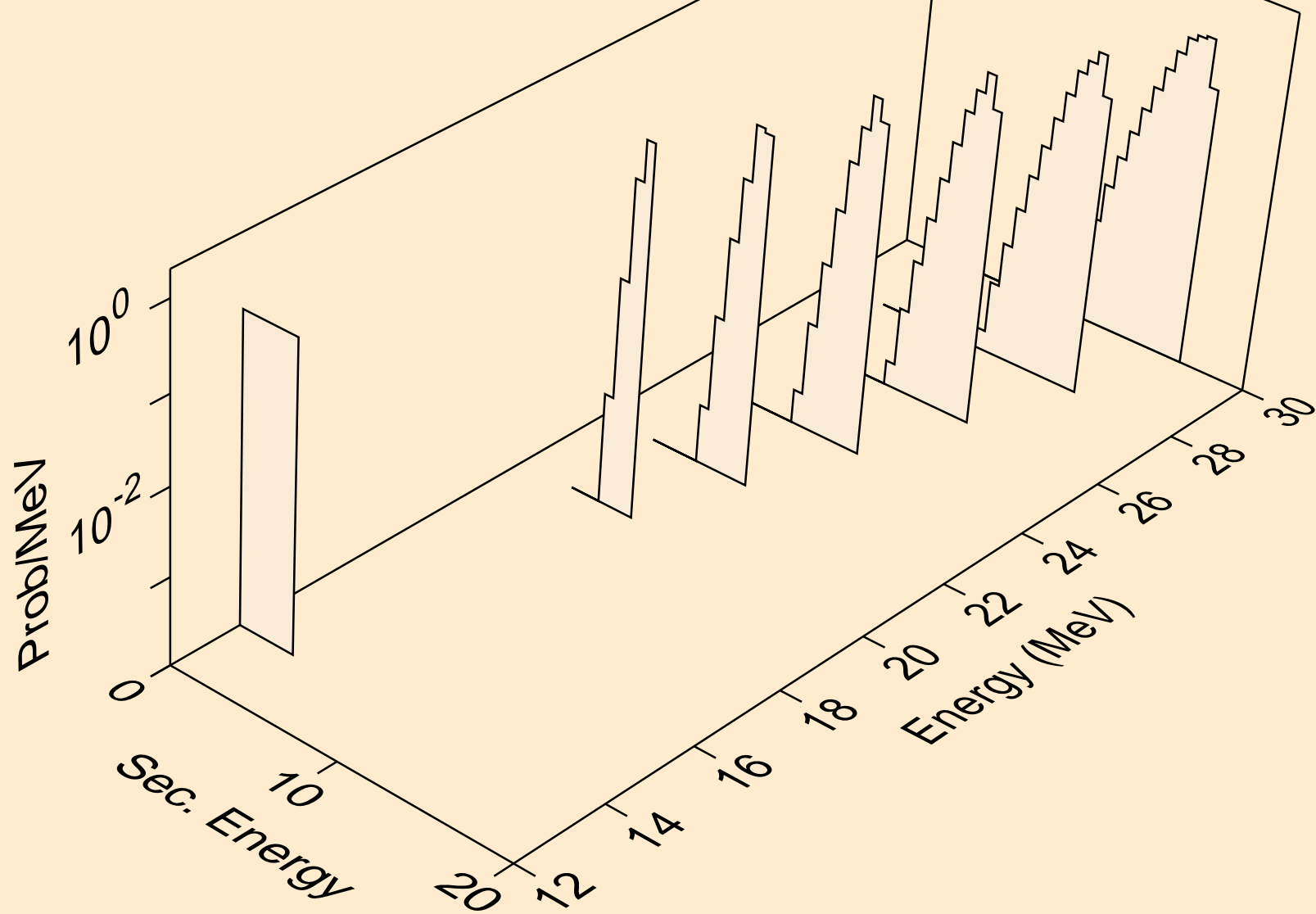
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



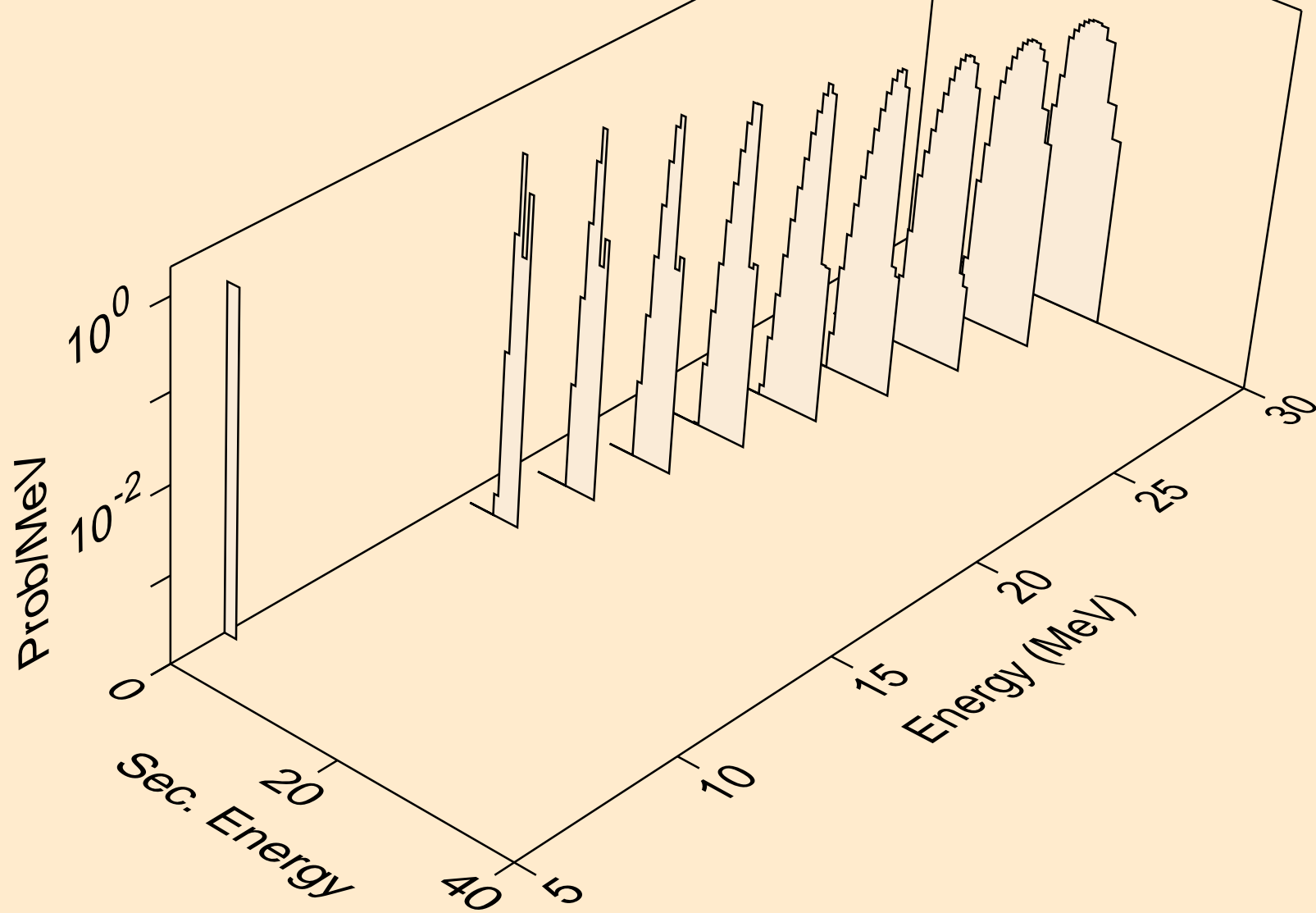
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



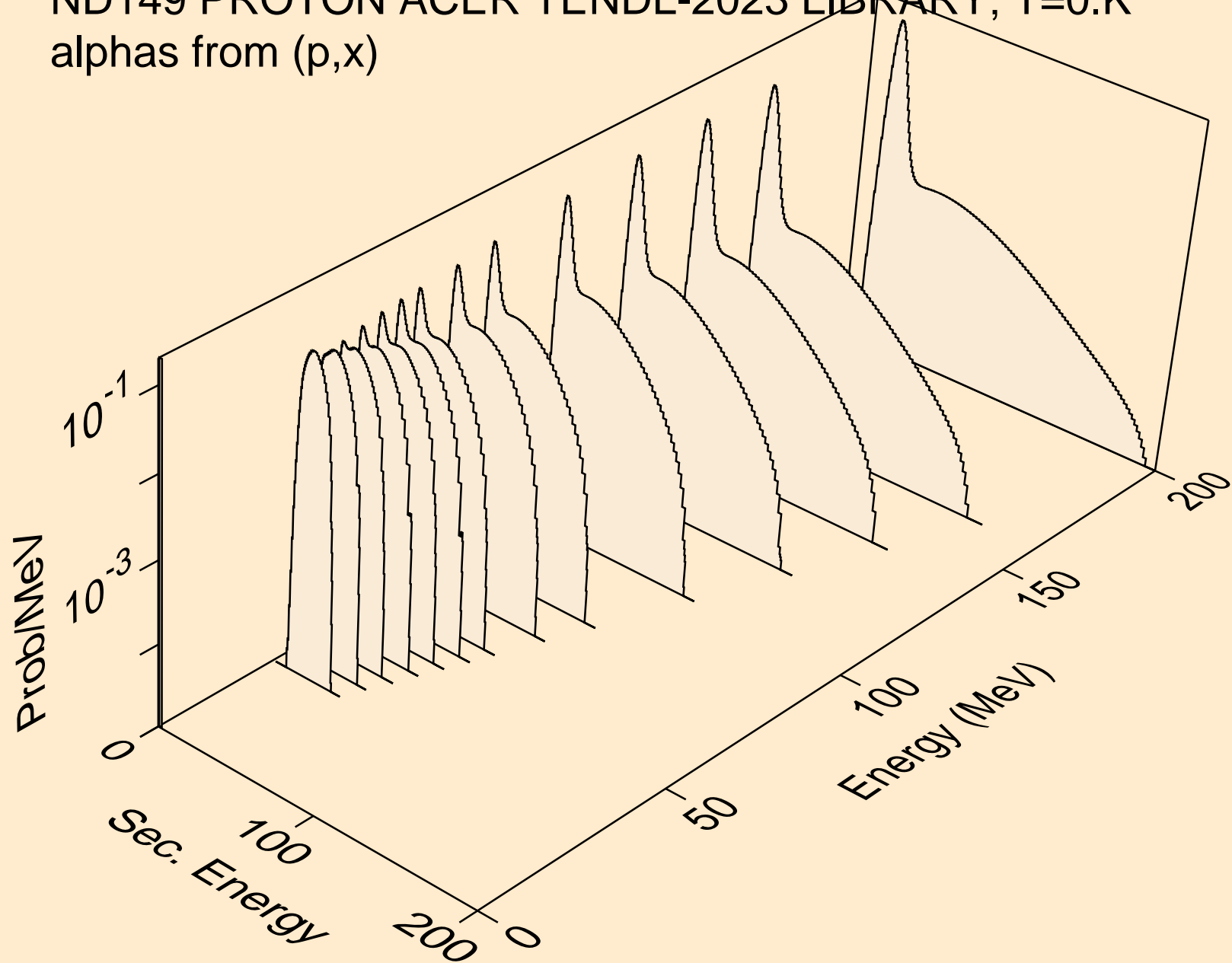
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



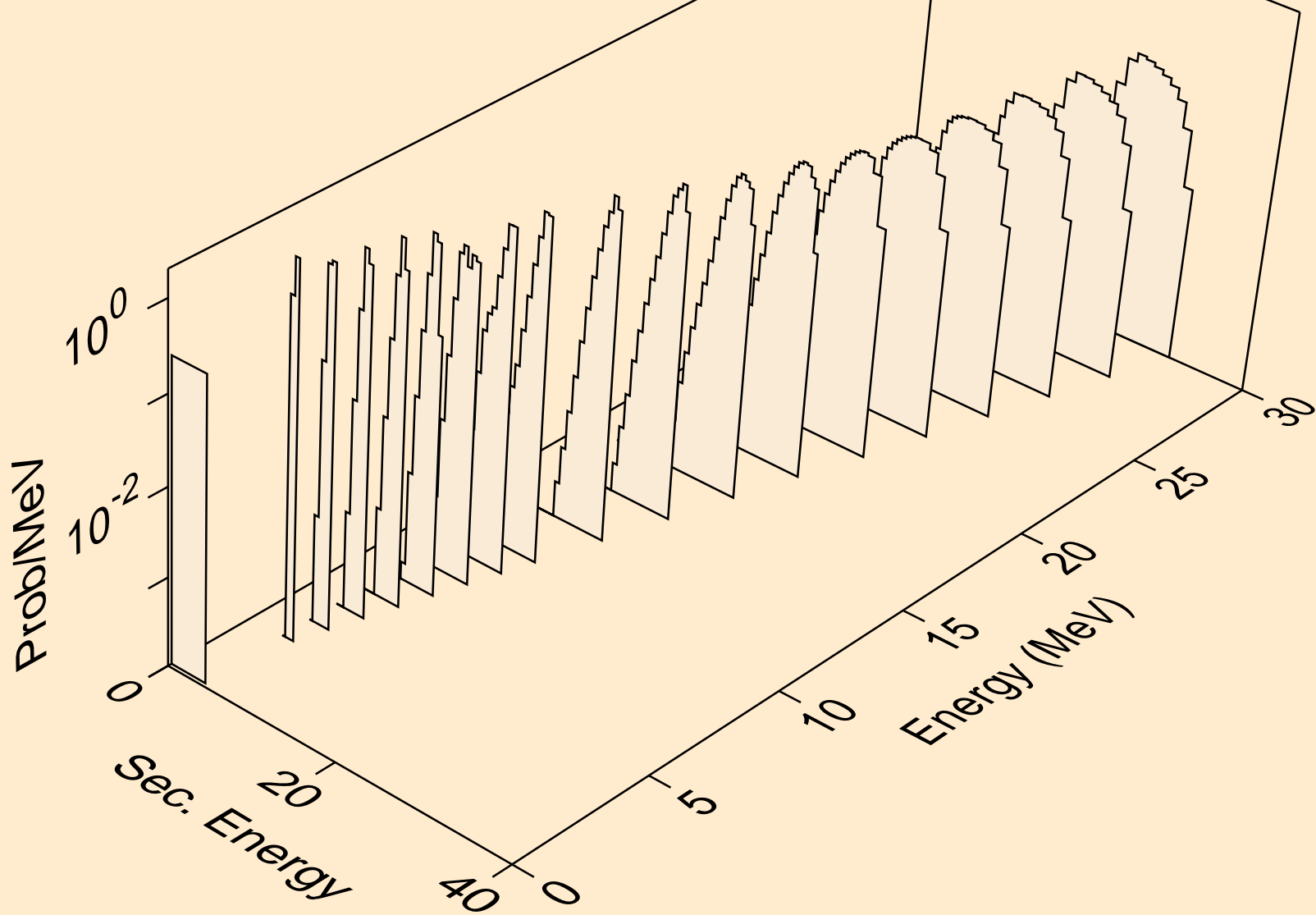
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



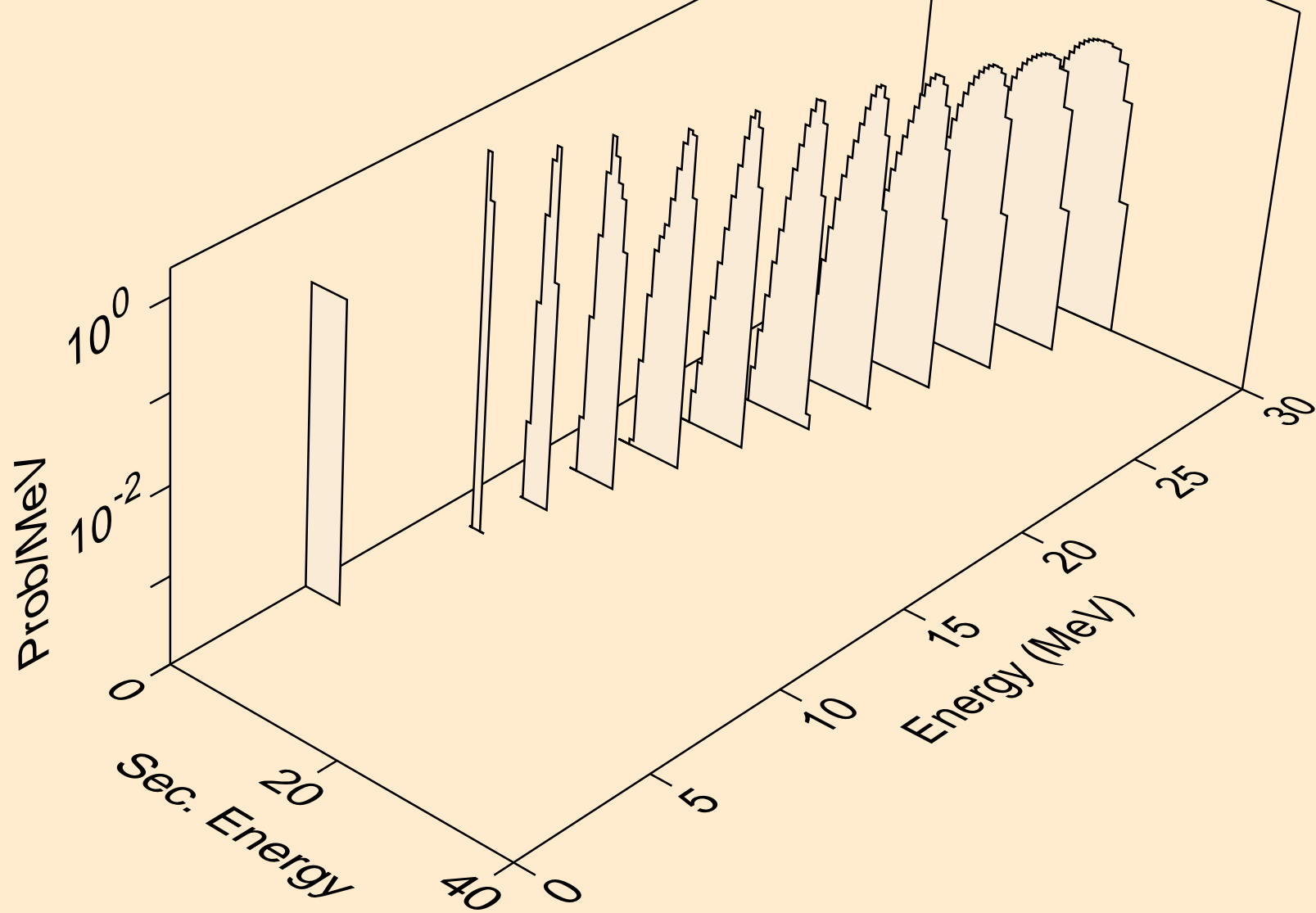
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



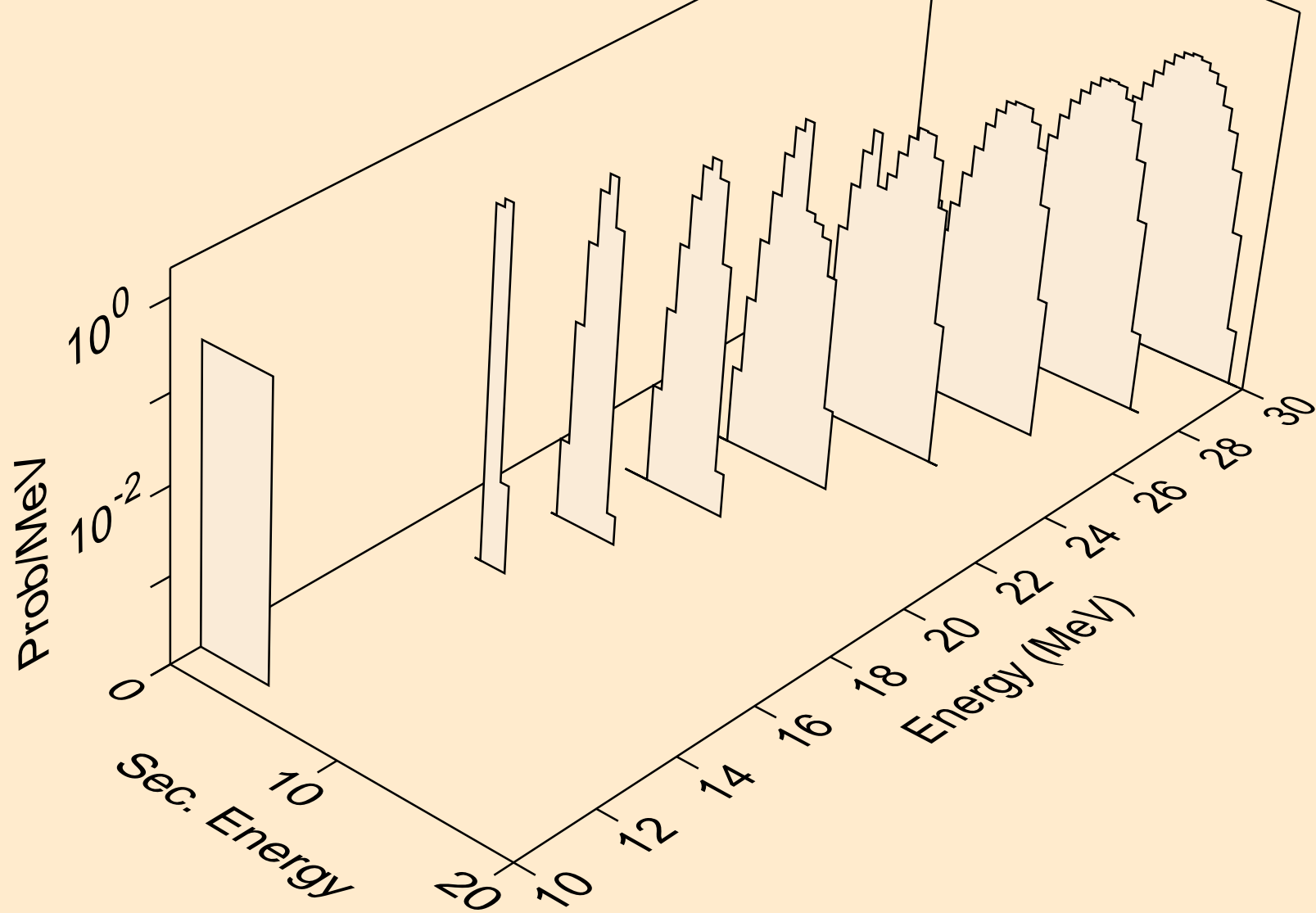
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

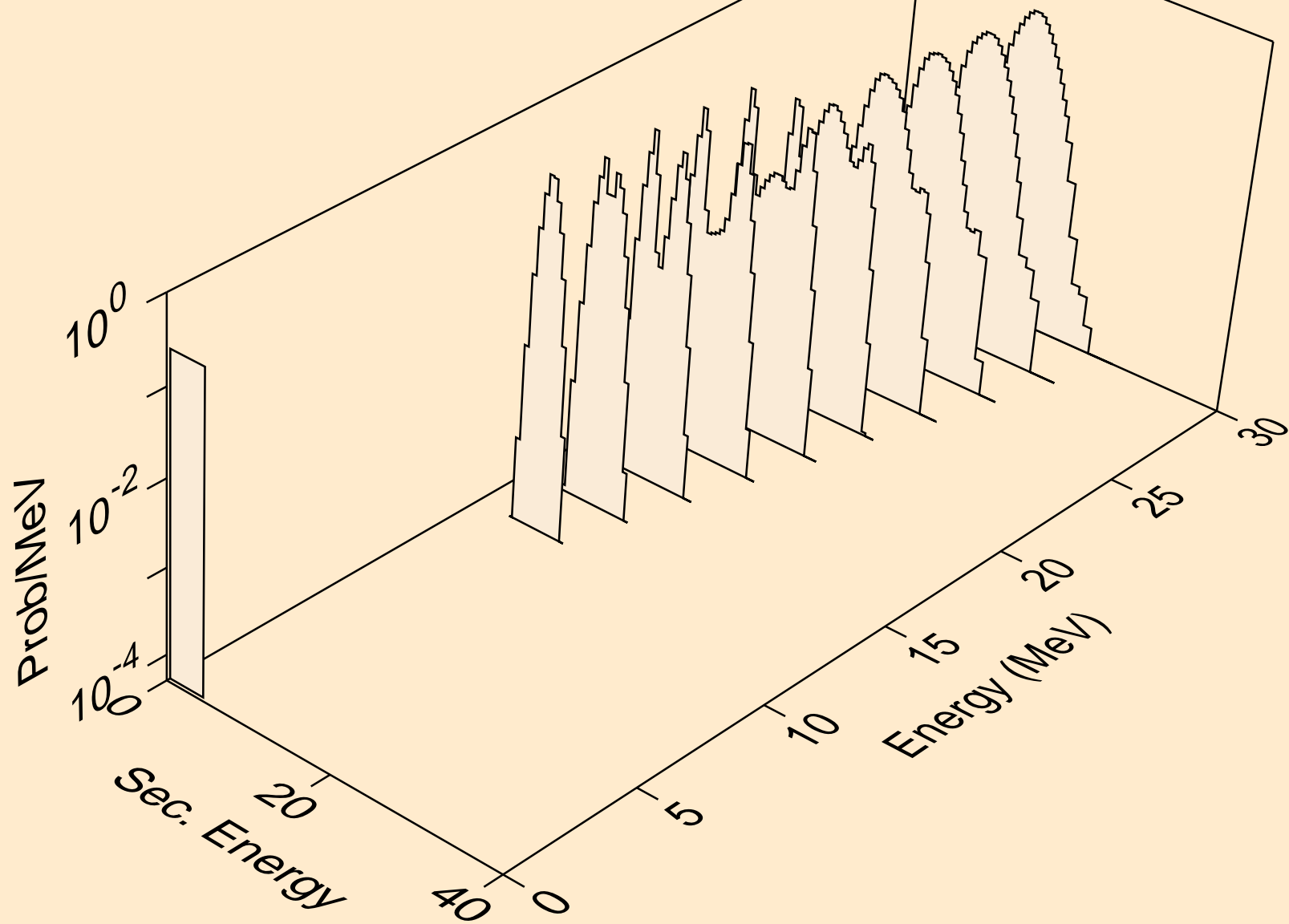


ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

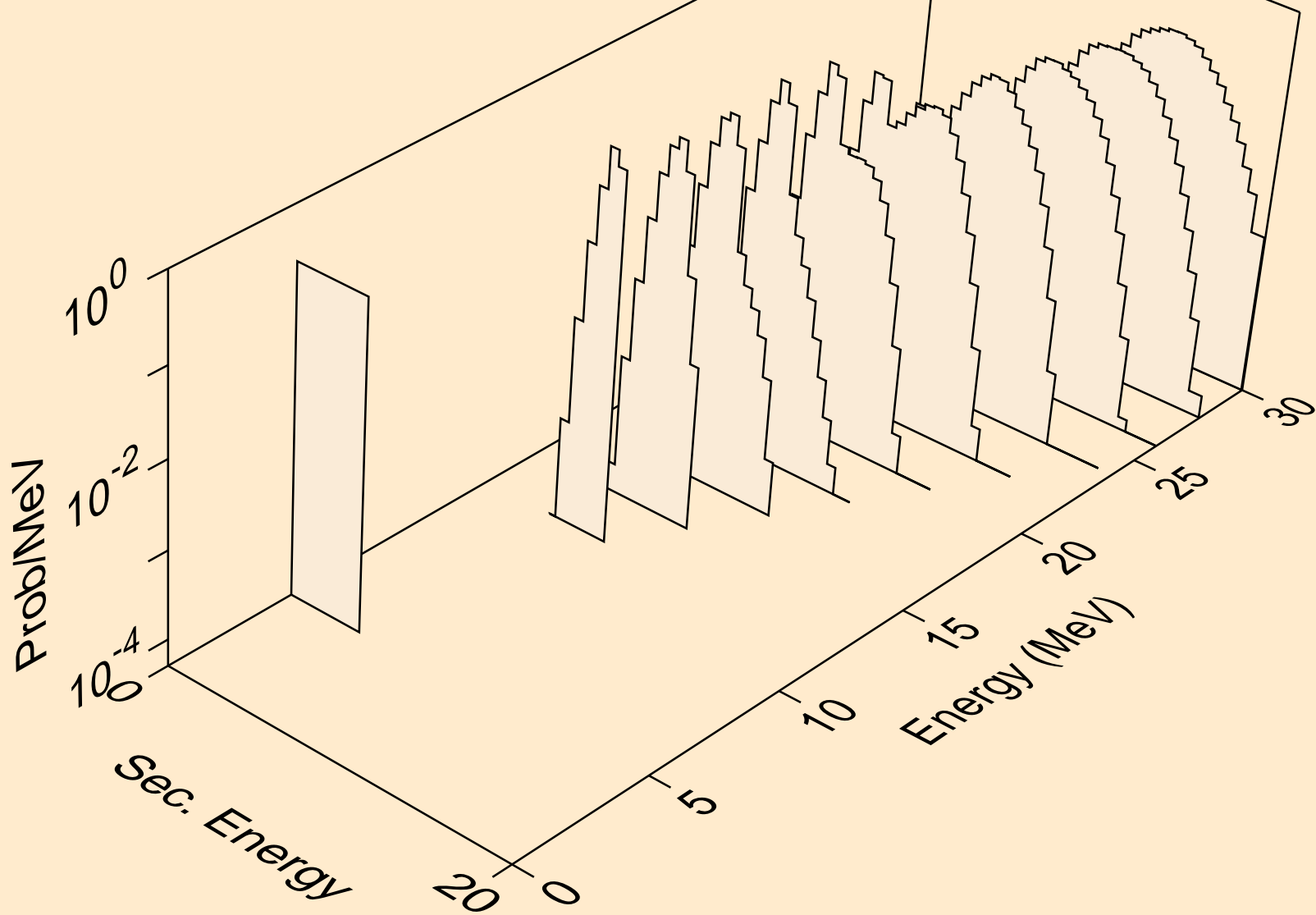




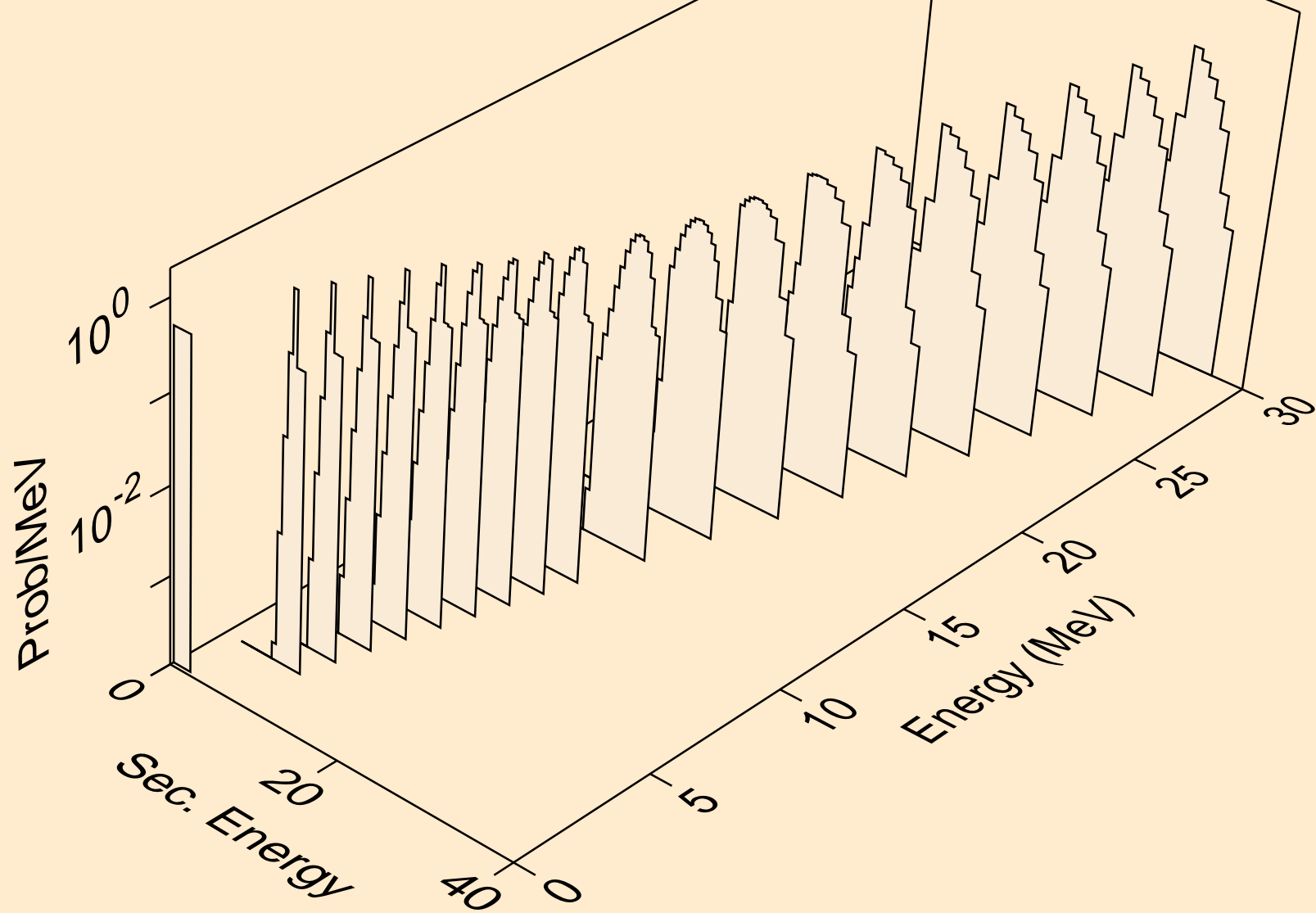
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



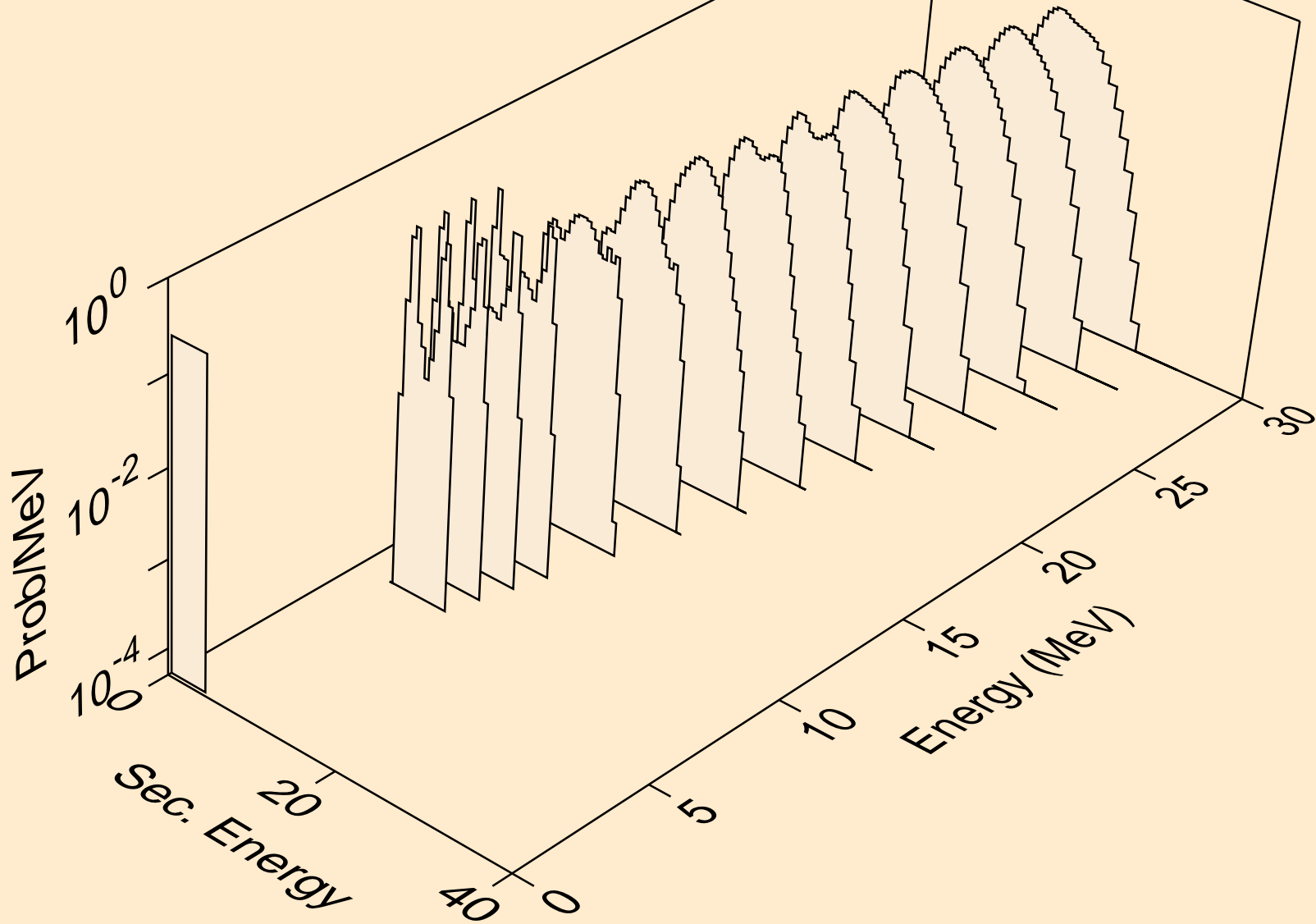
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



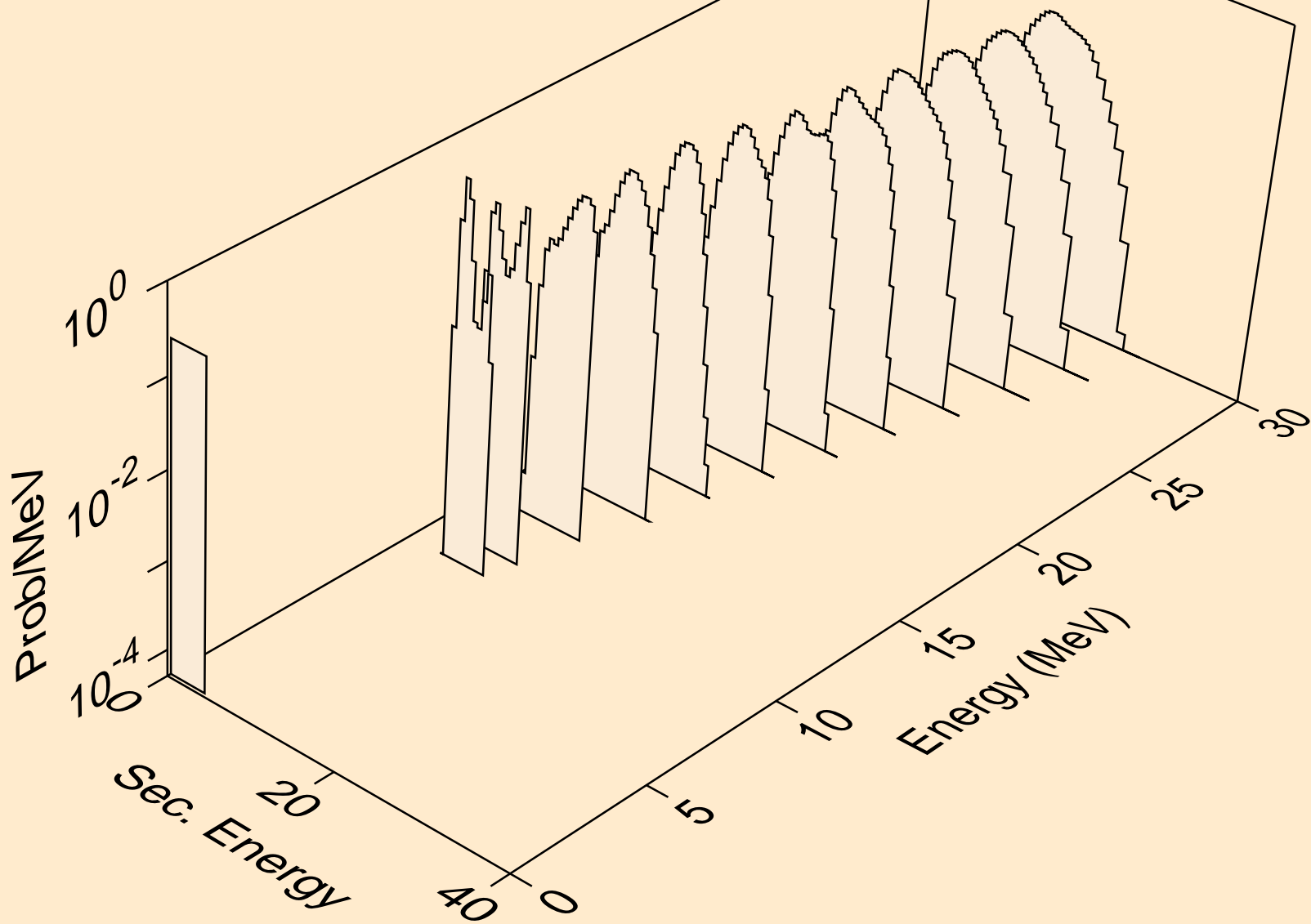
ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



ND149 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

