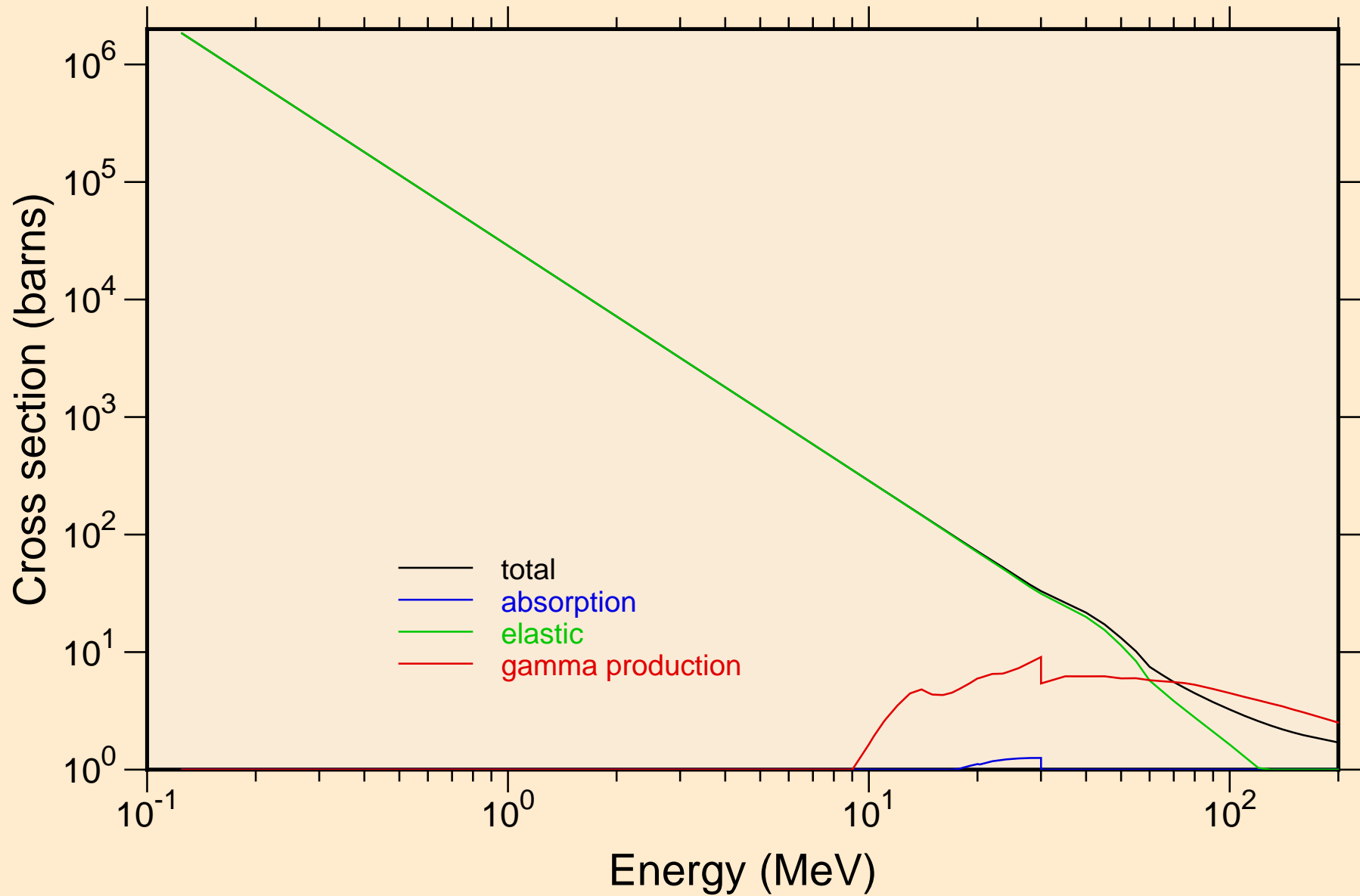


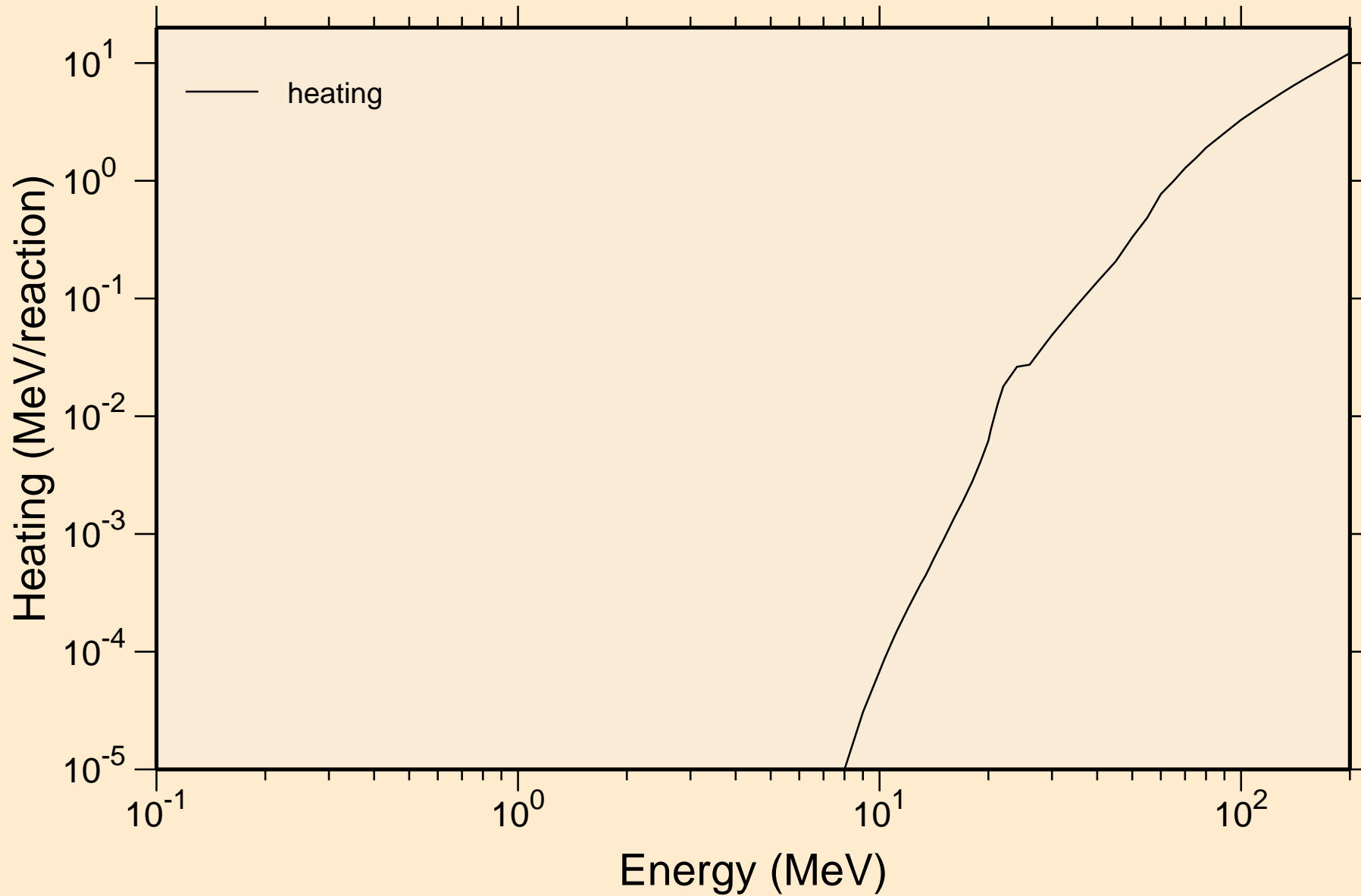
# ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



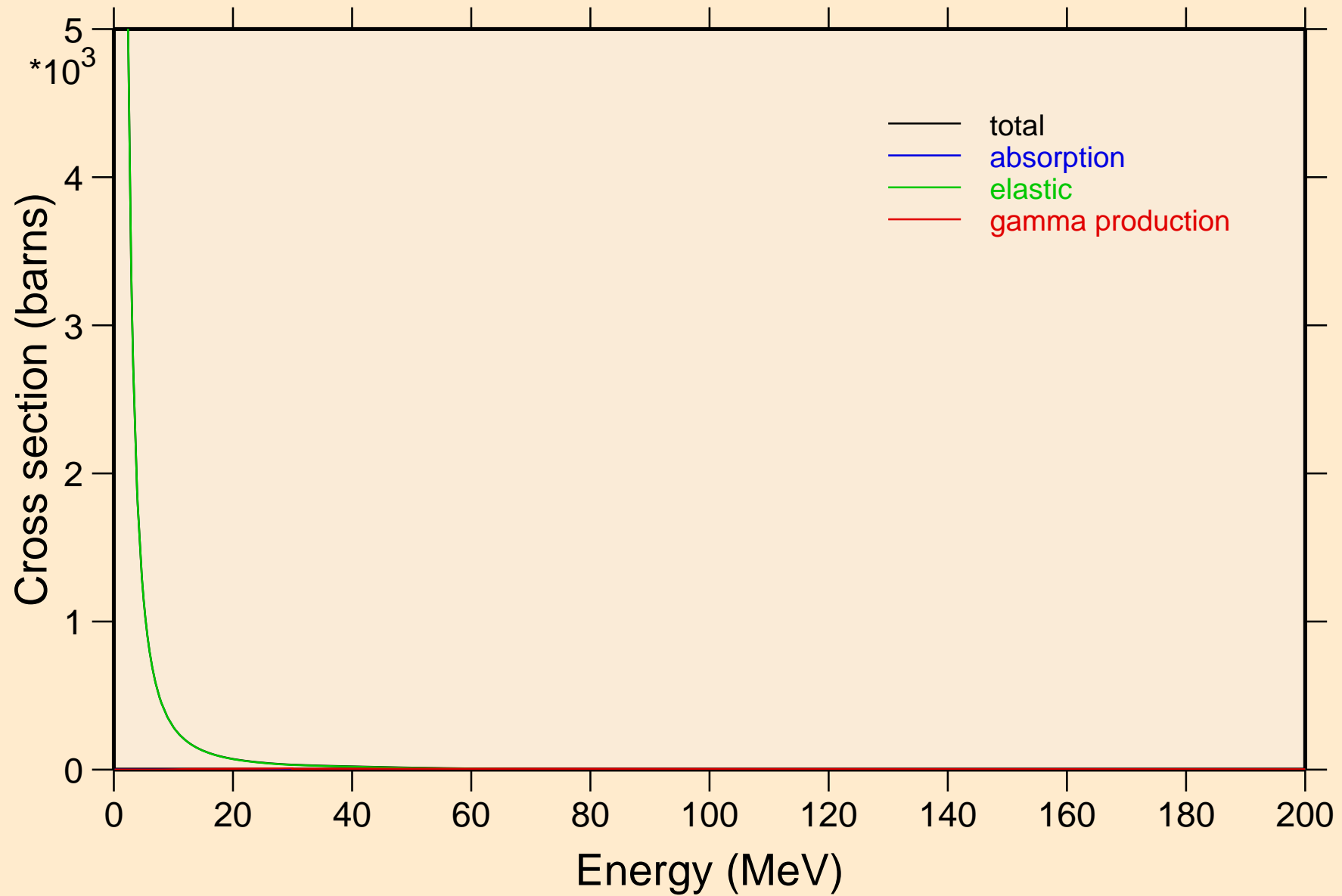
# ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



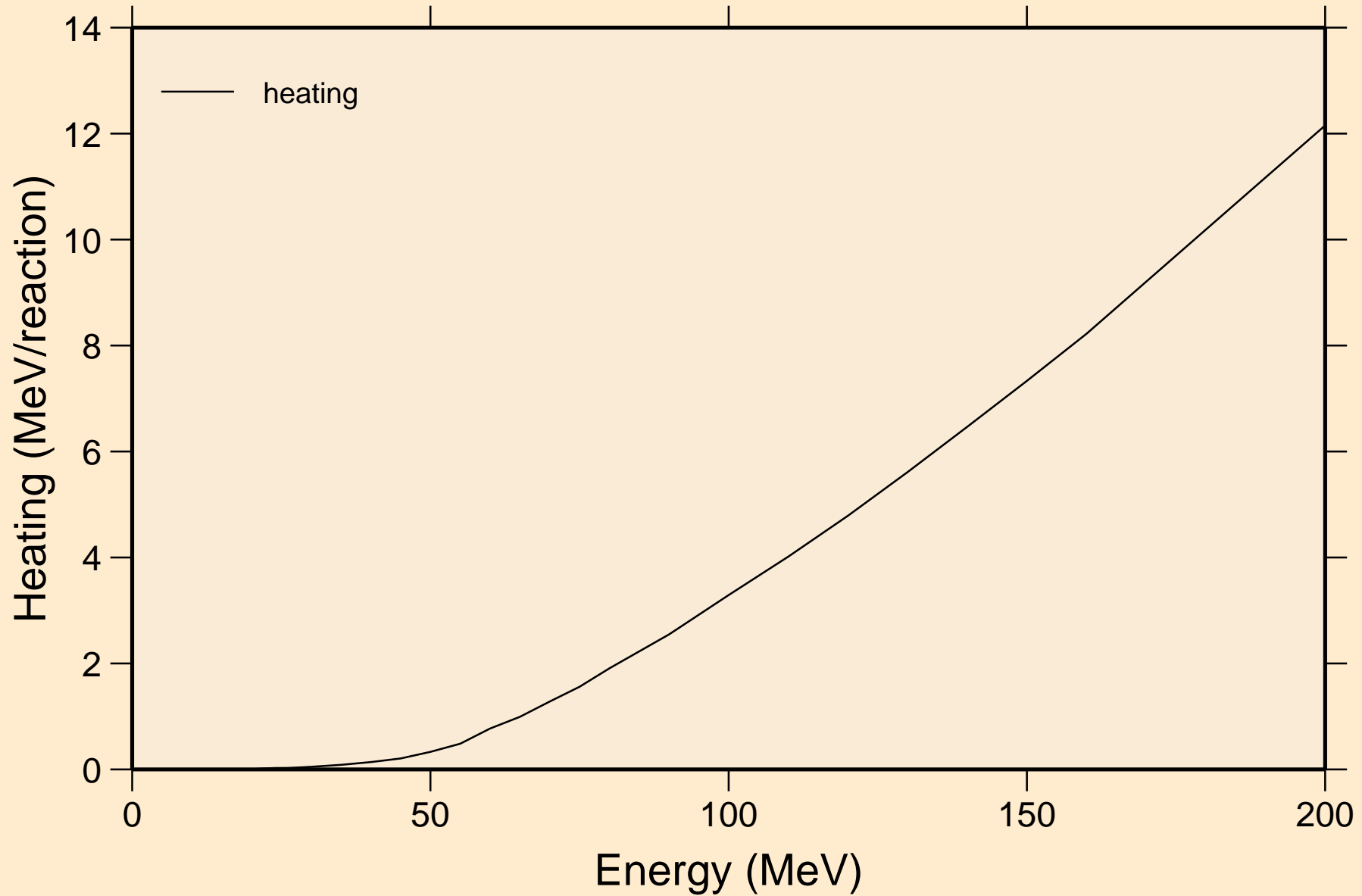
# ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



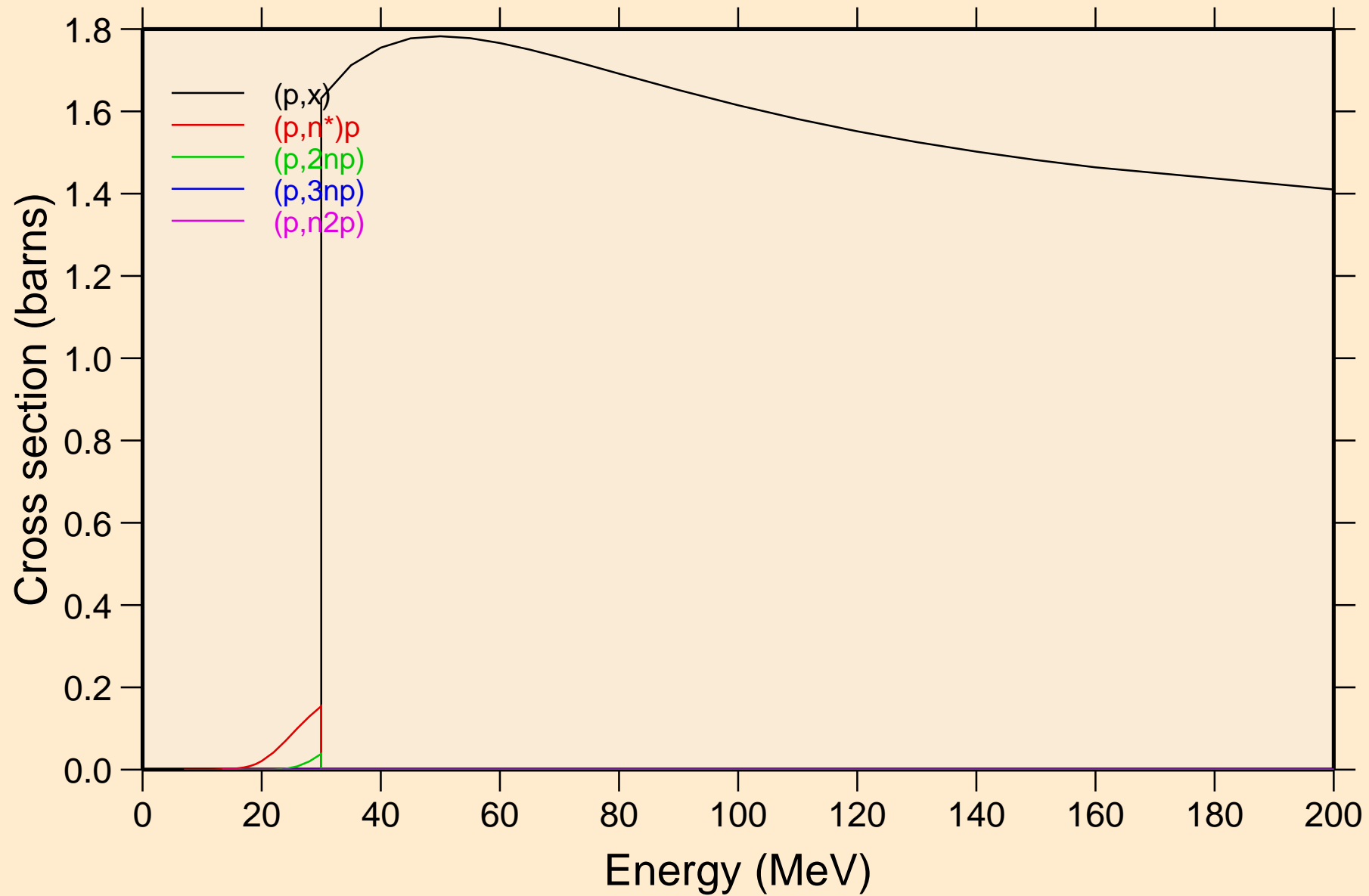
# ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



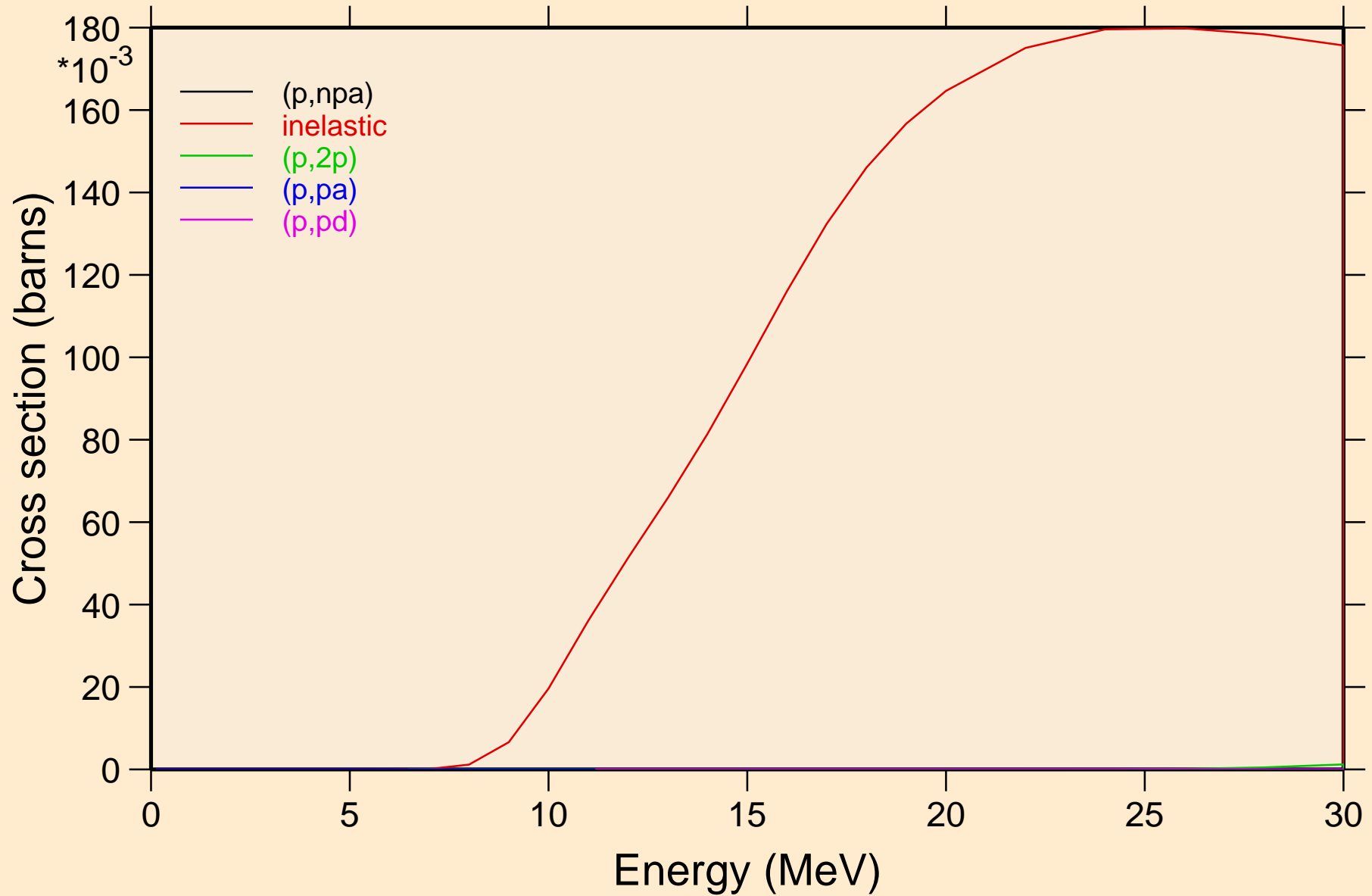
# ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

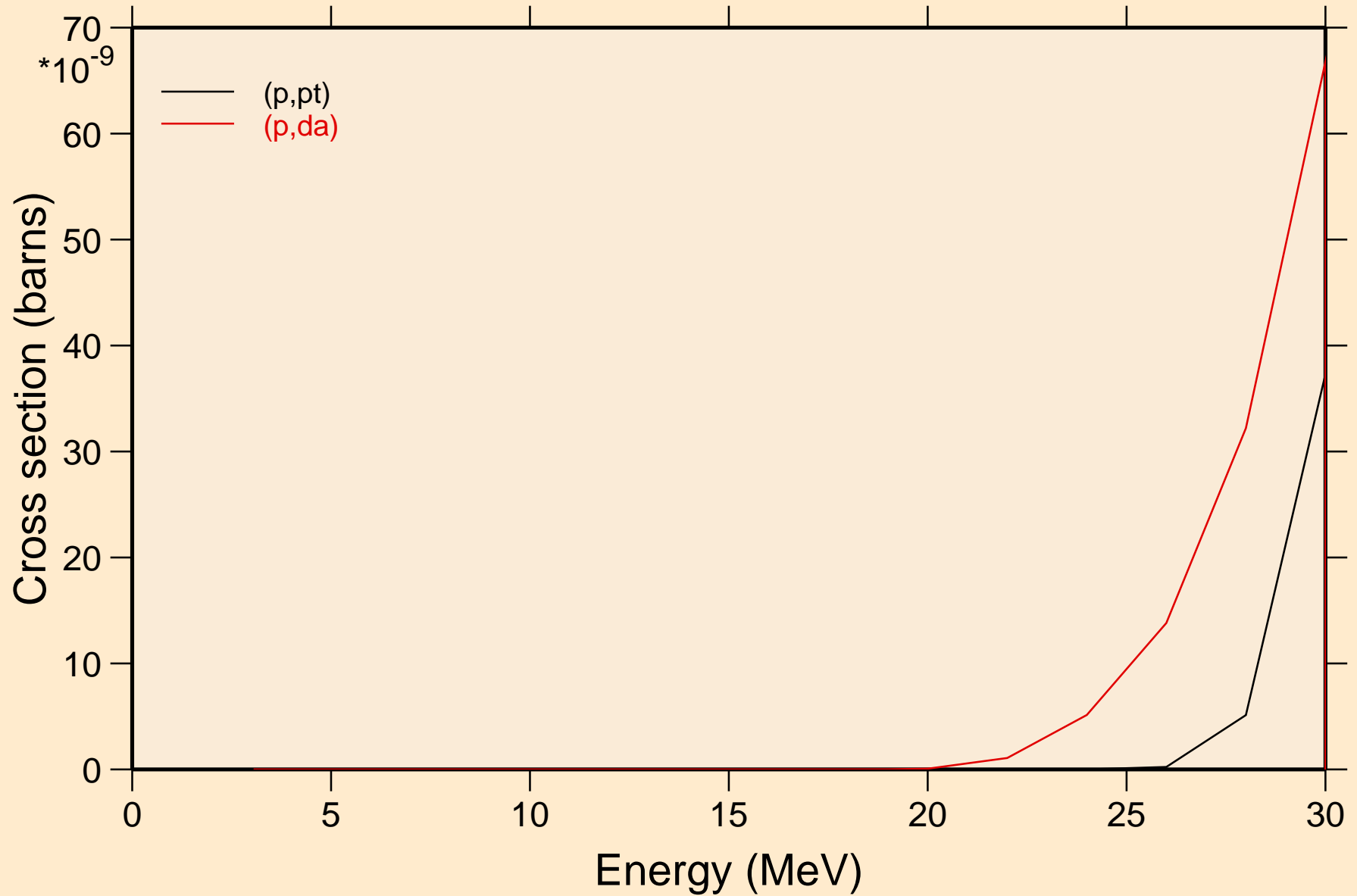


# ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K

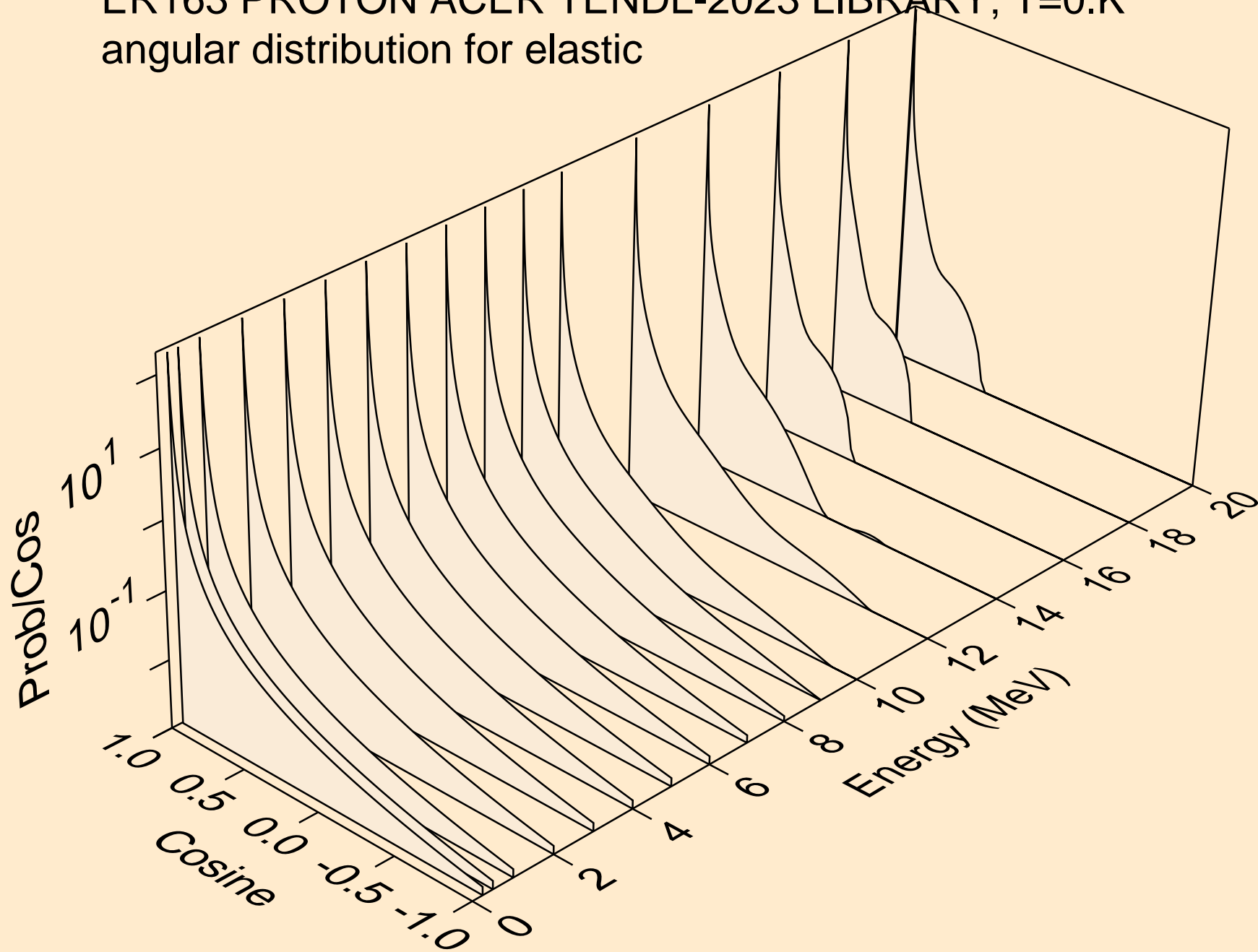
## Threshold reactions



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

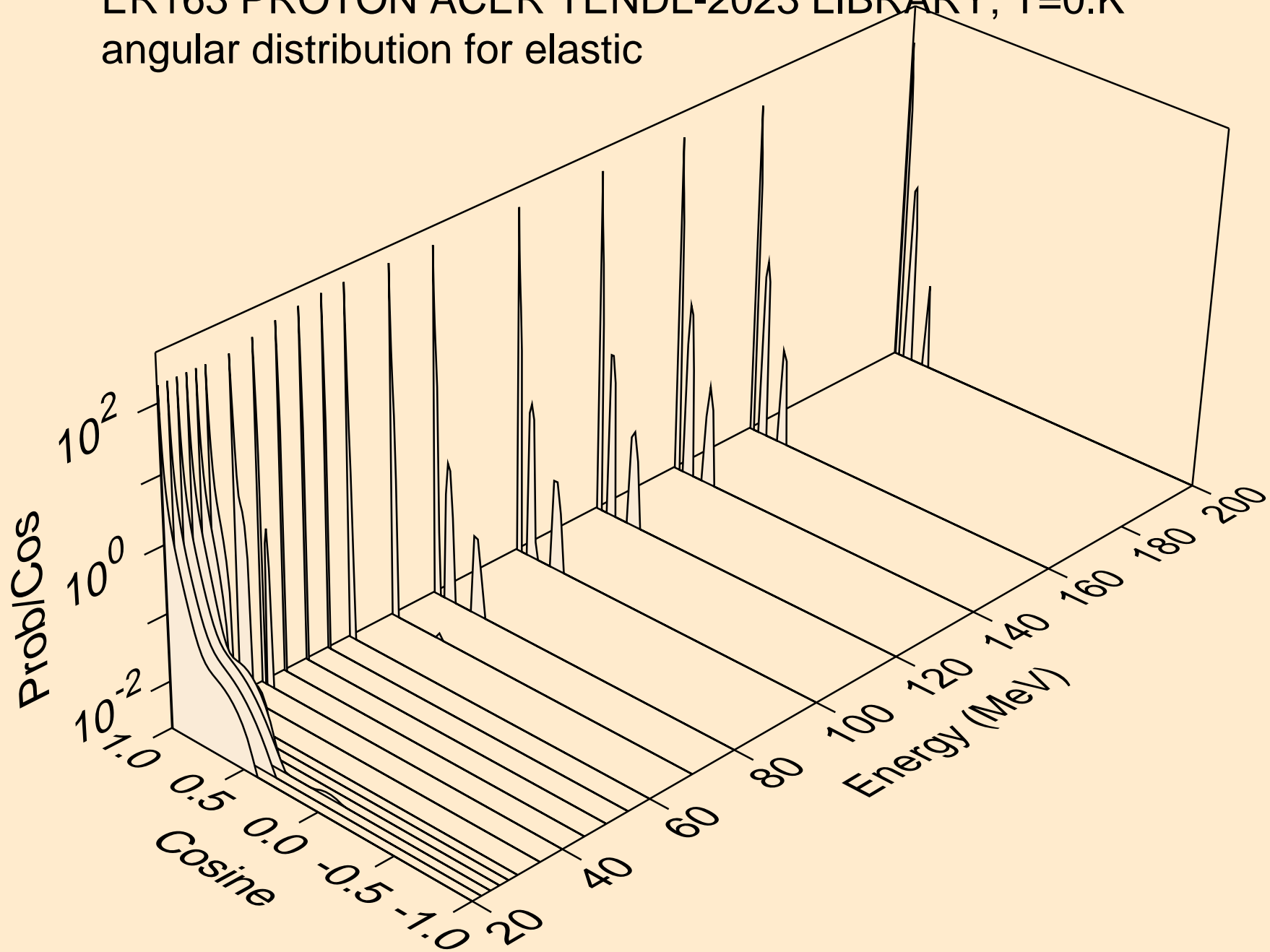


ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

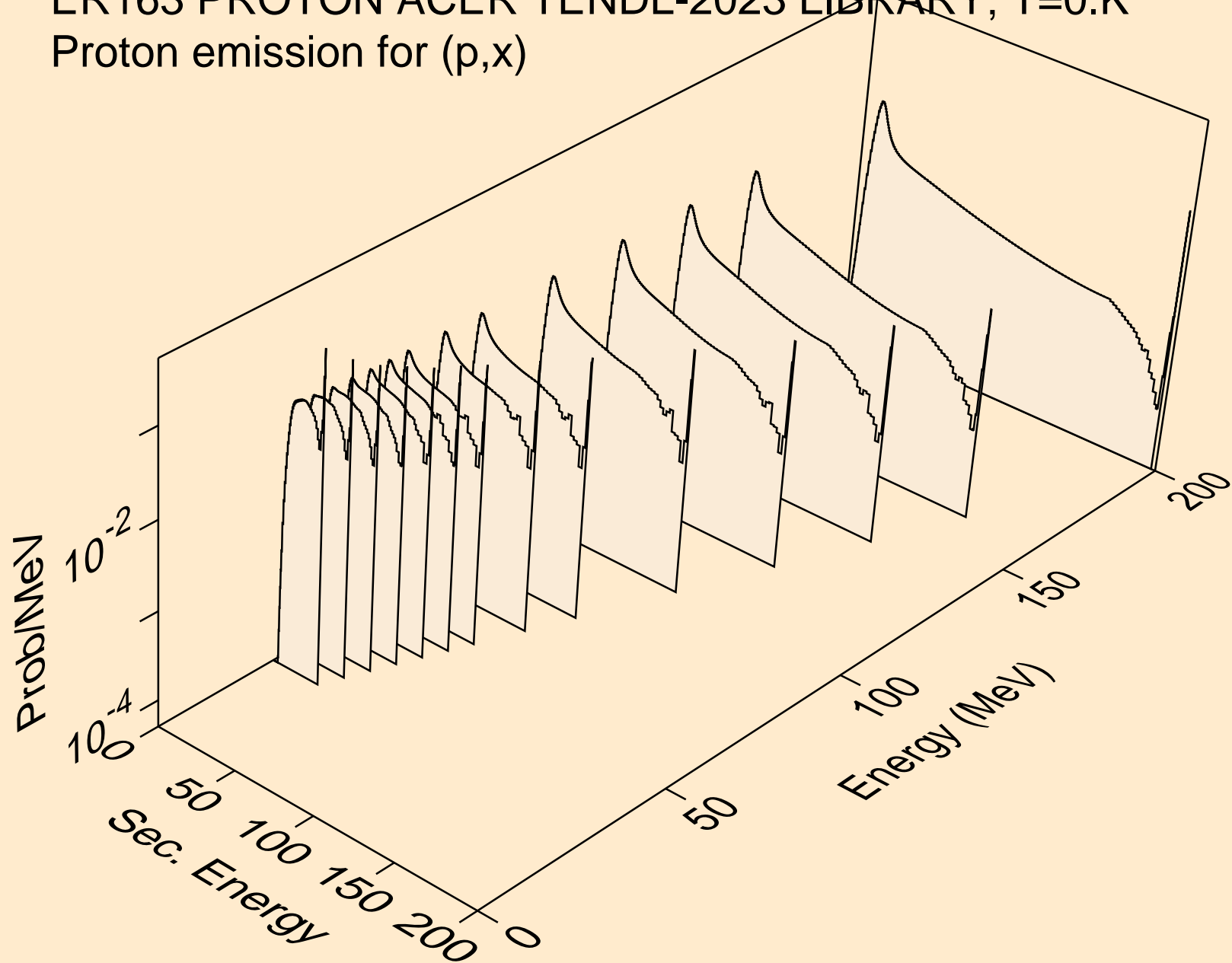




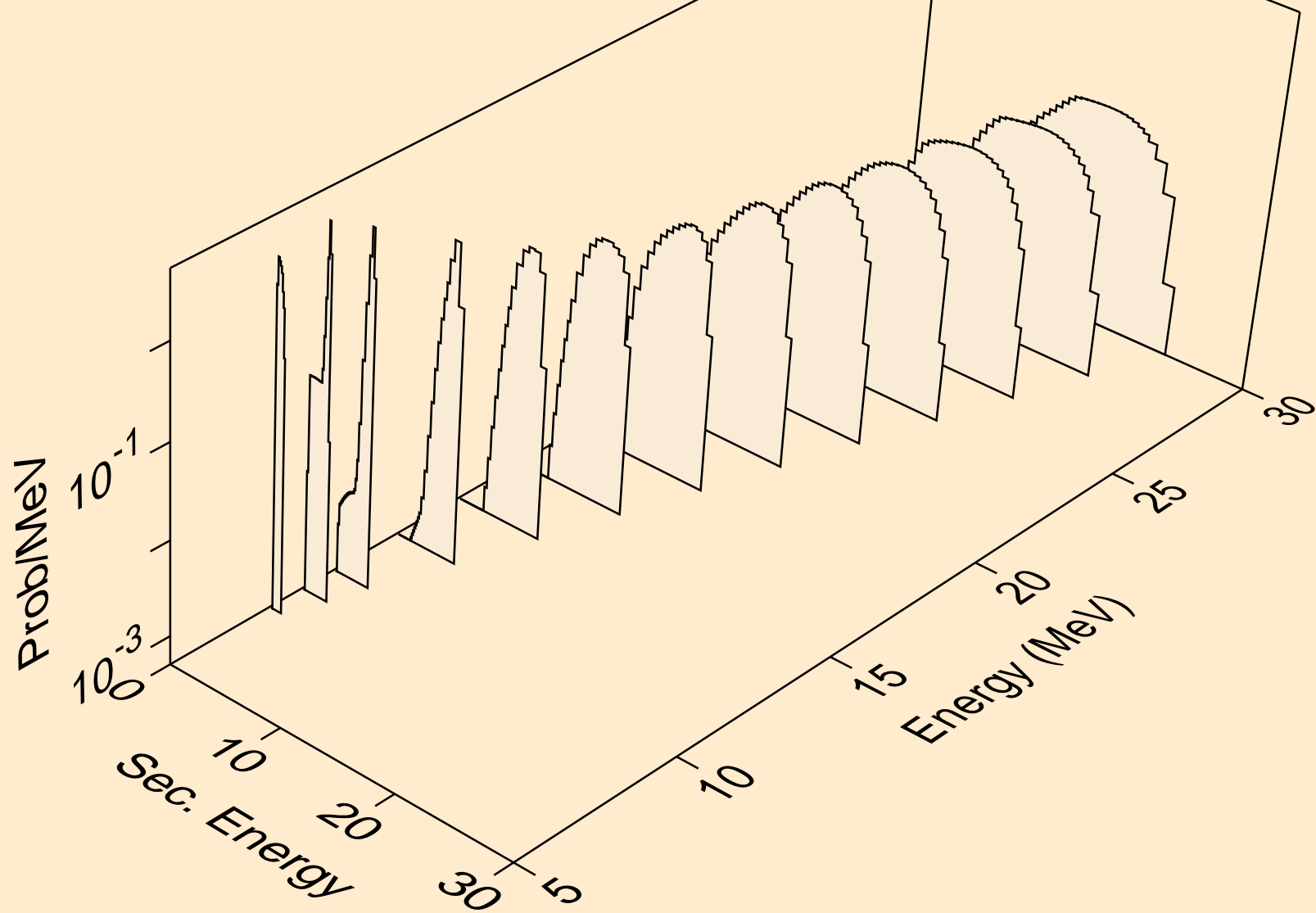
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



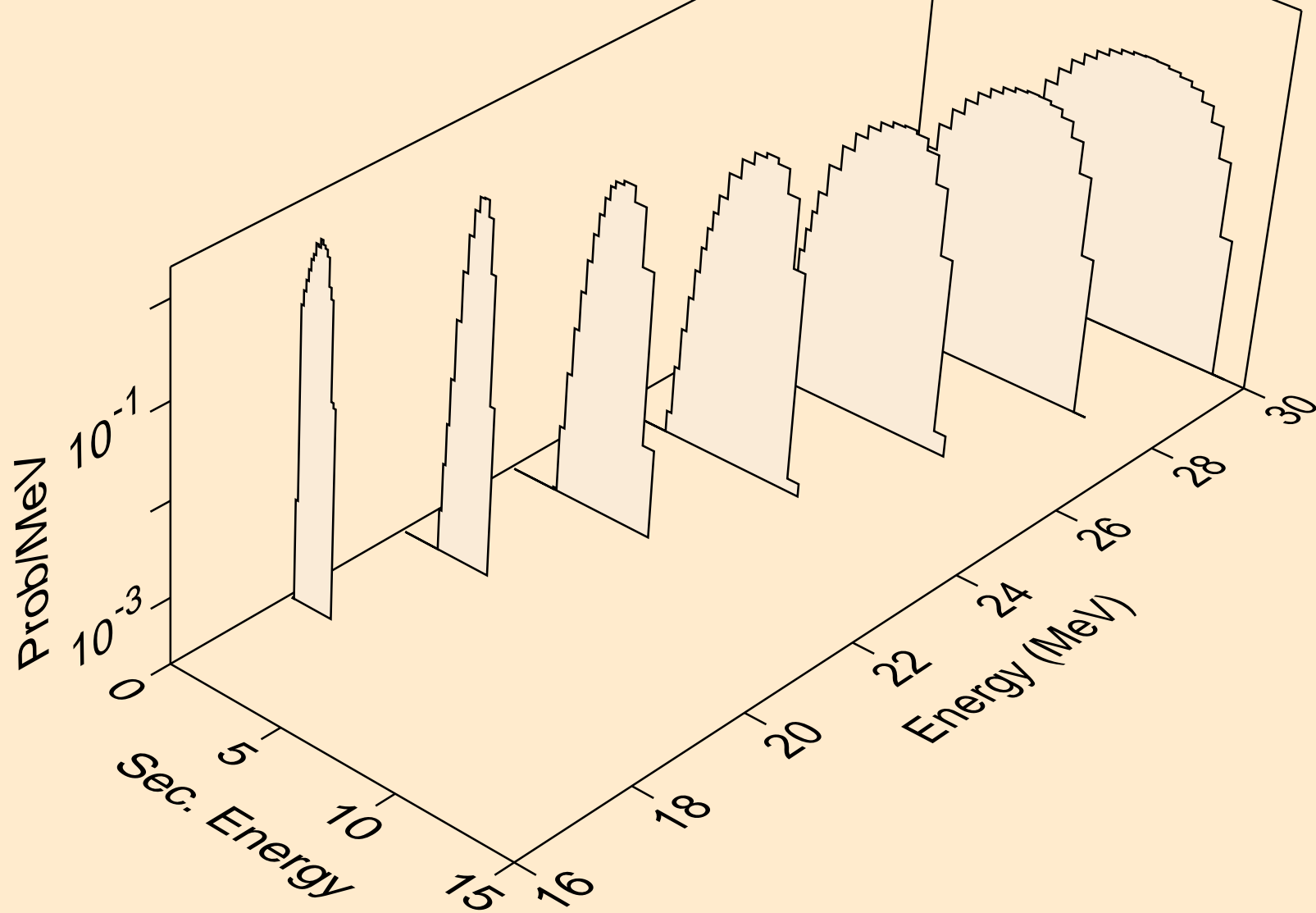
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



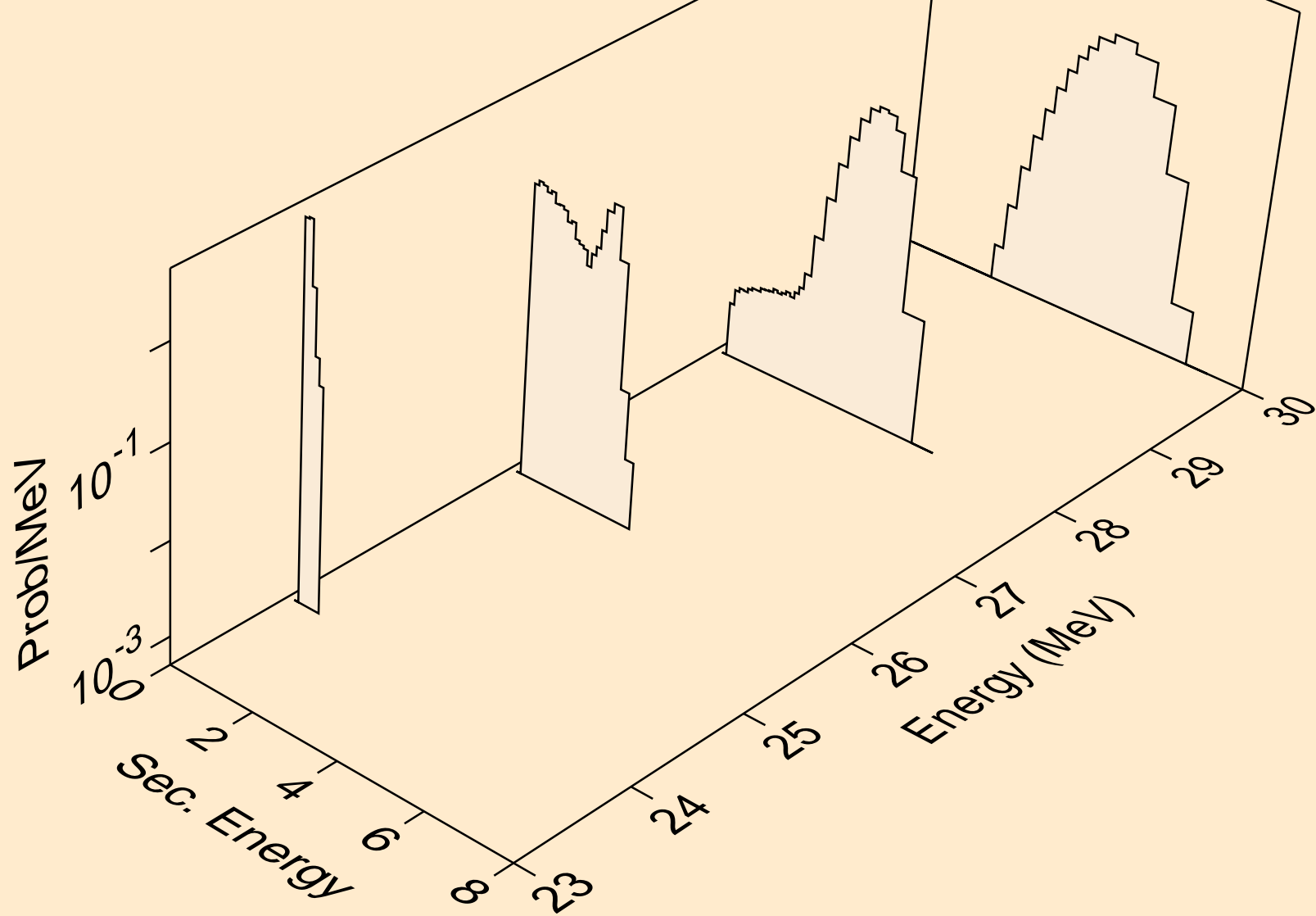
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



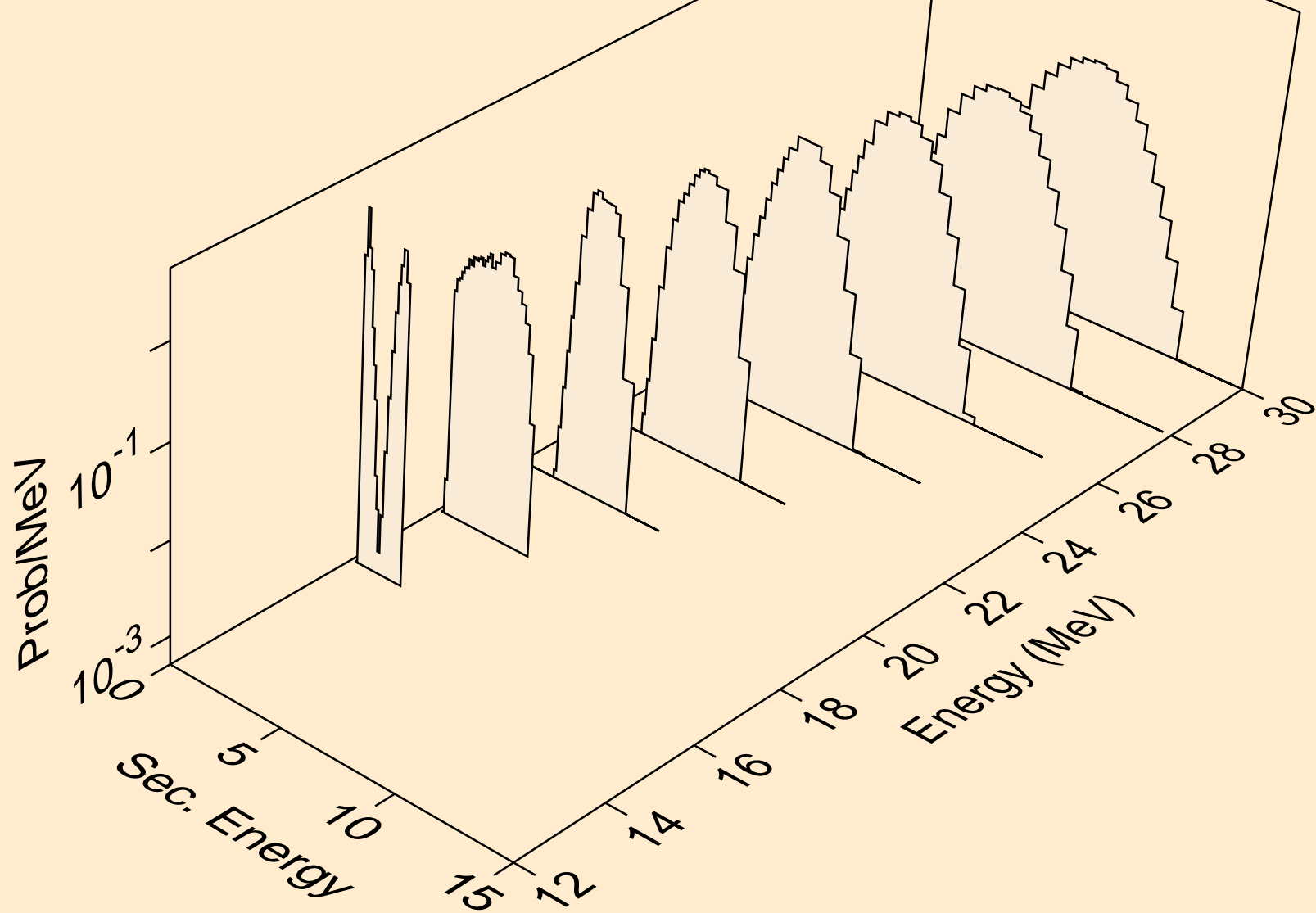
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



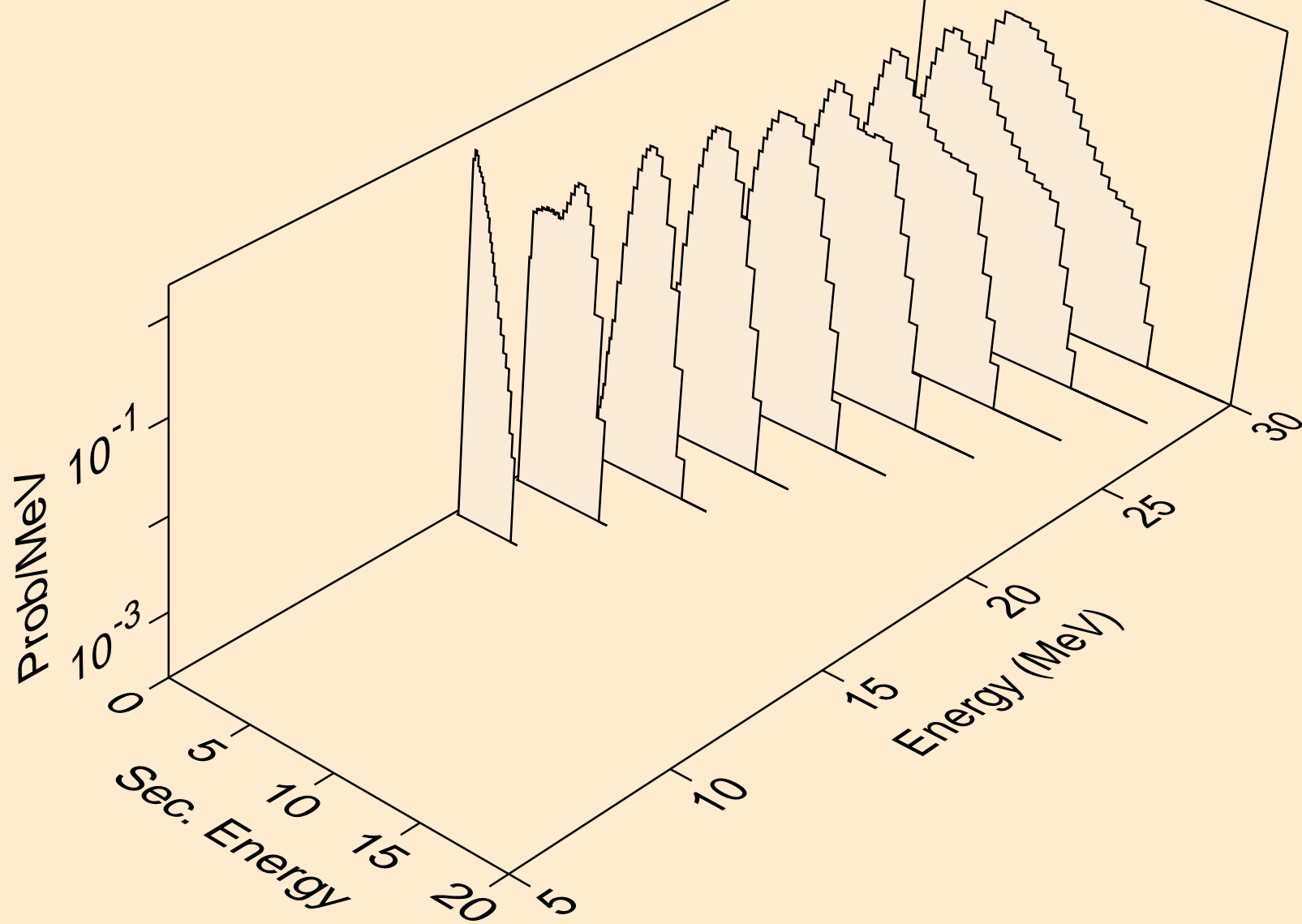
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



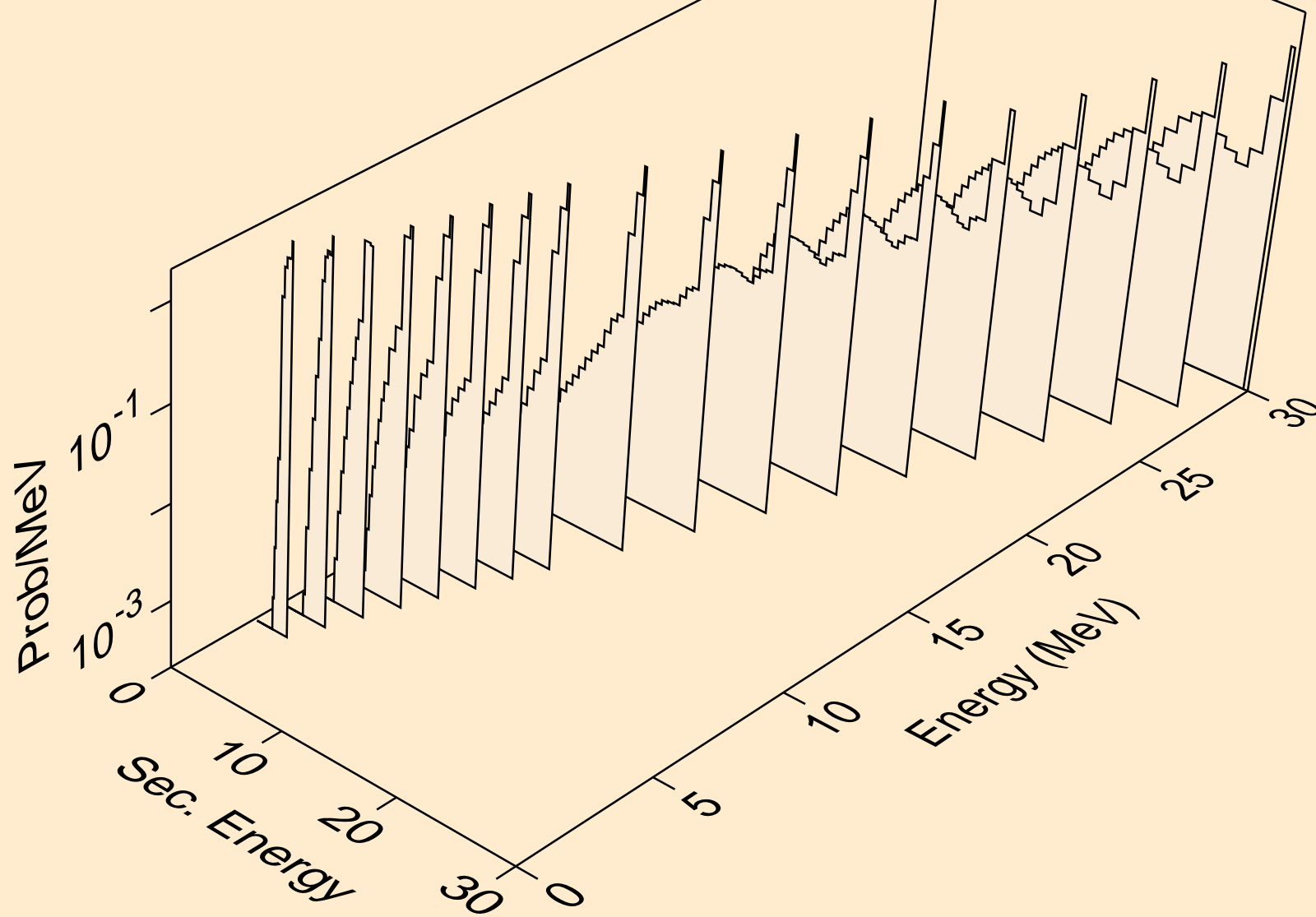
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

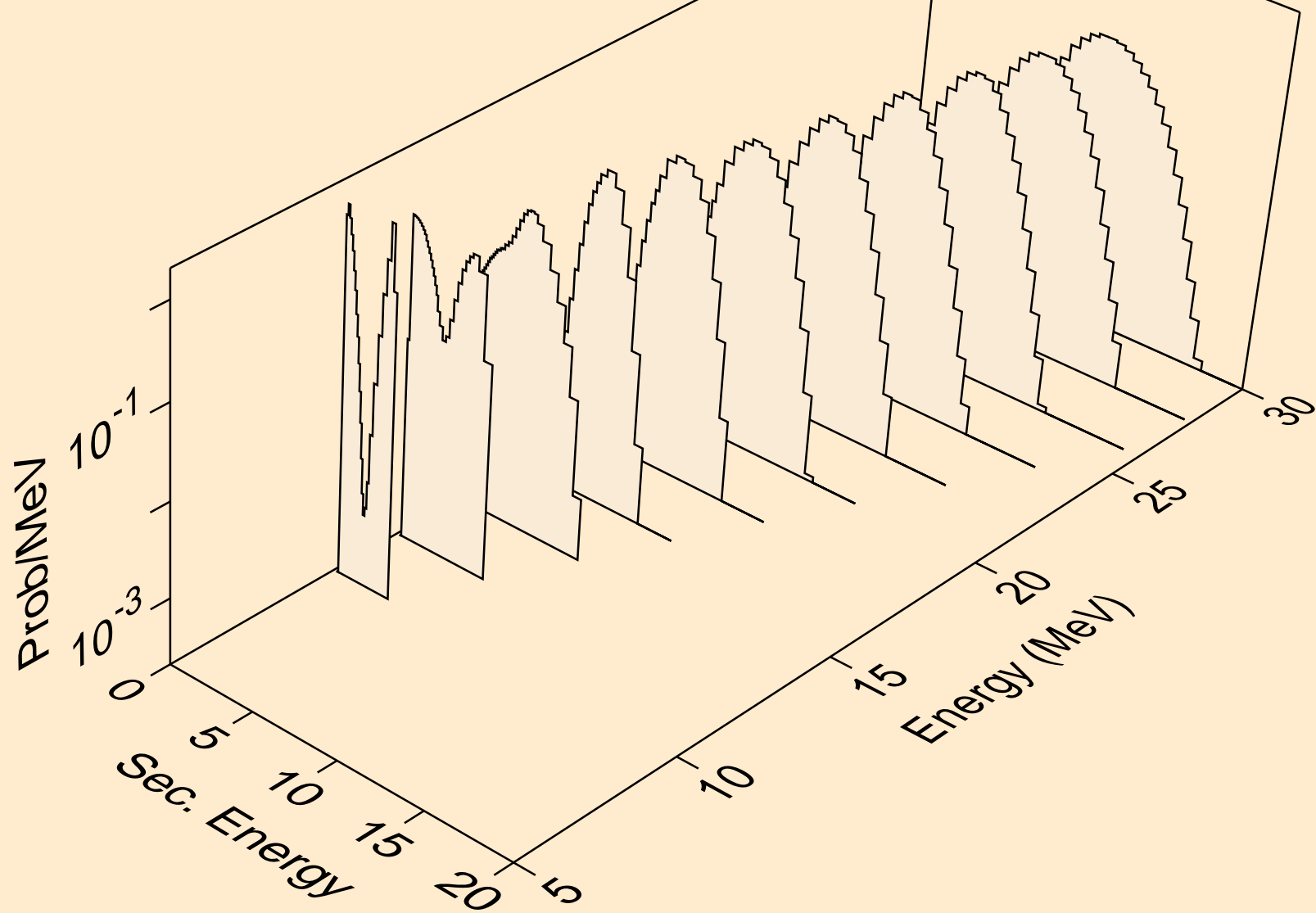


ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

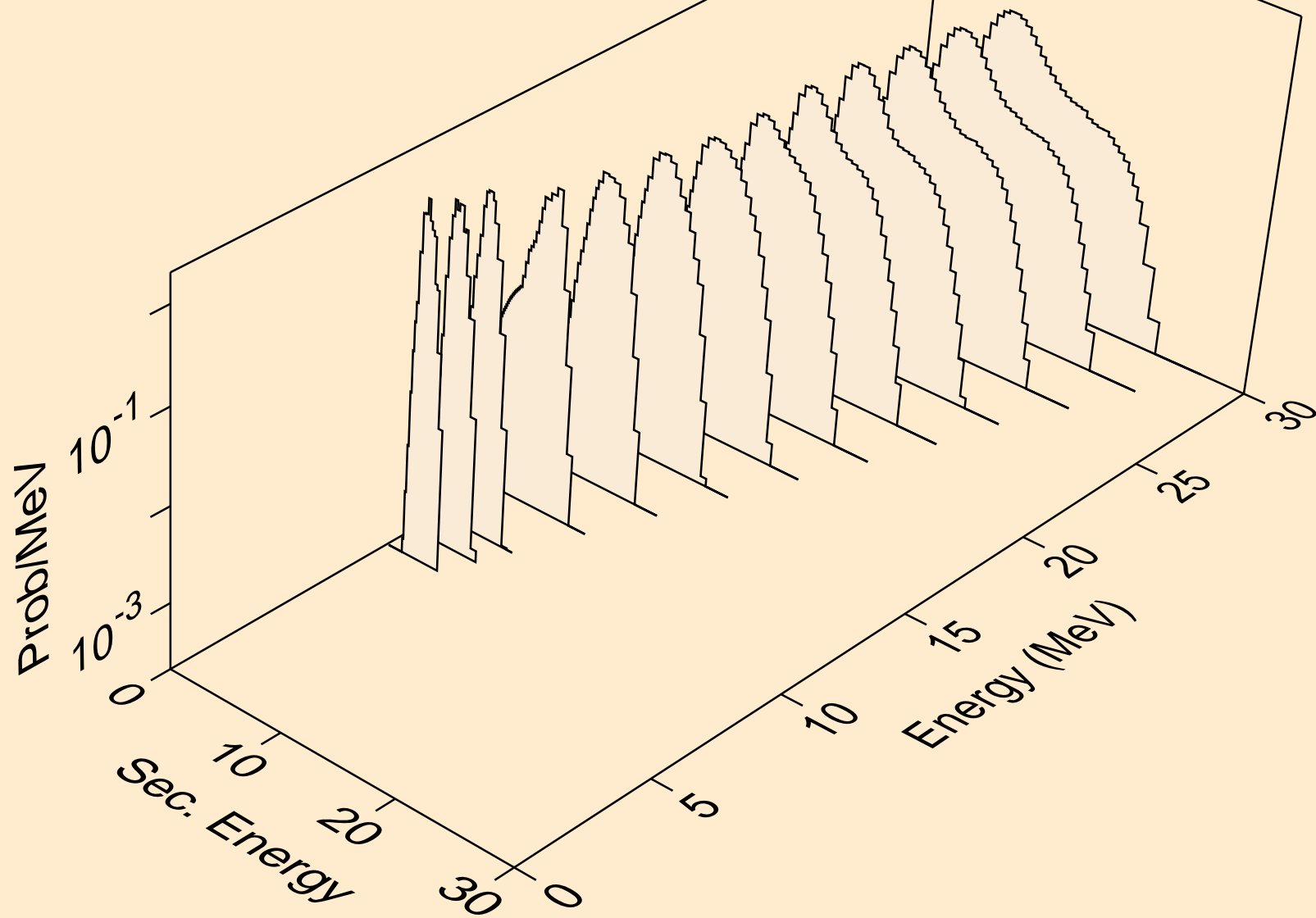




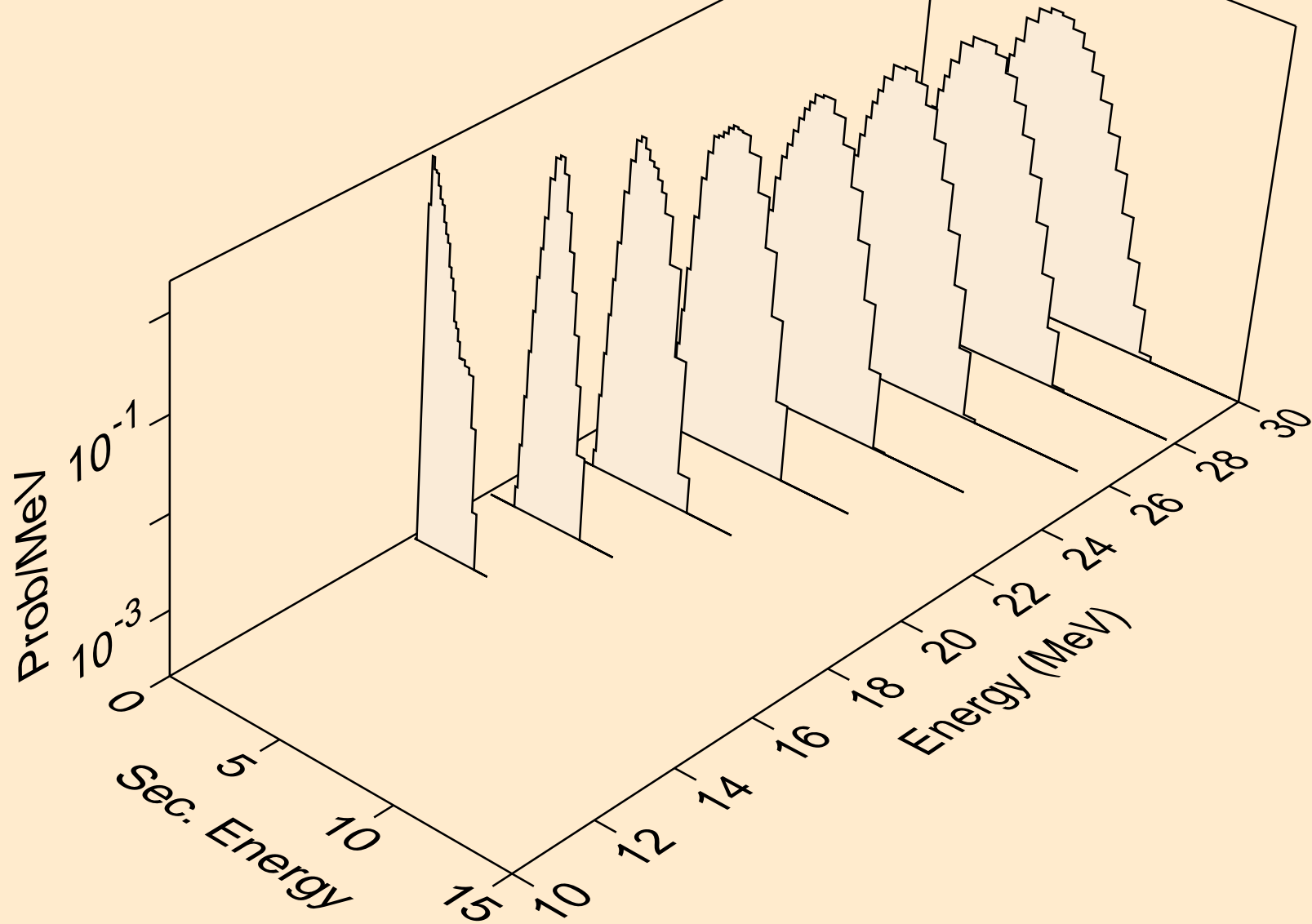
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



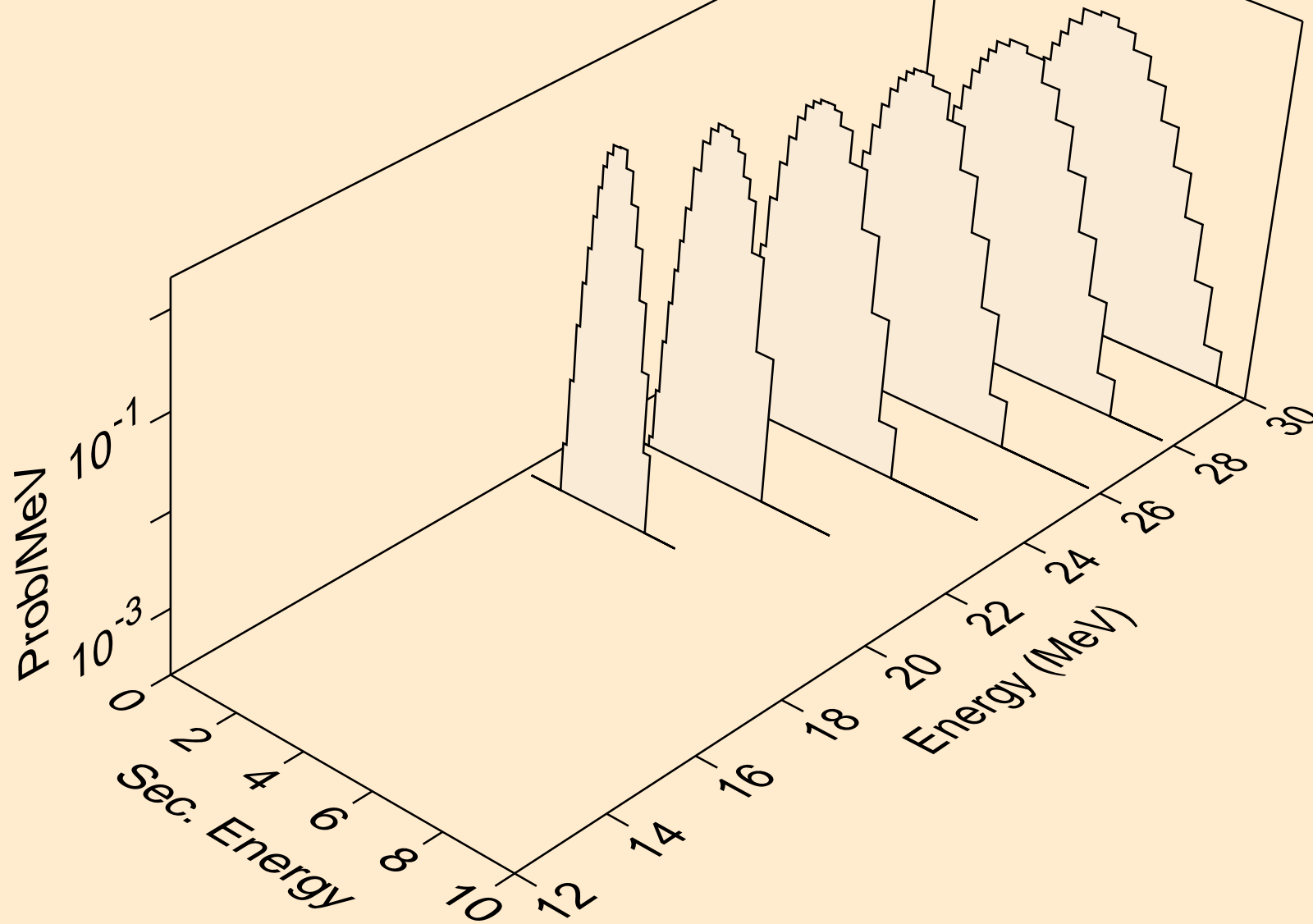
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



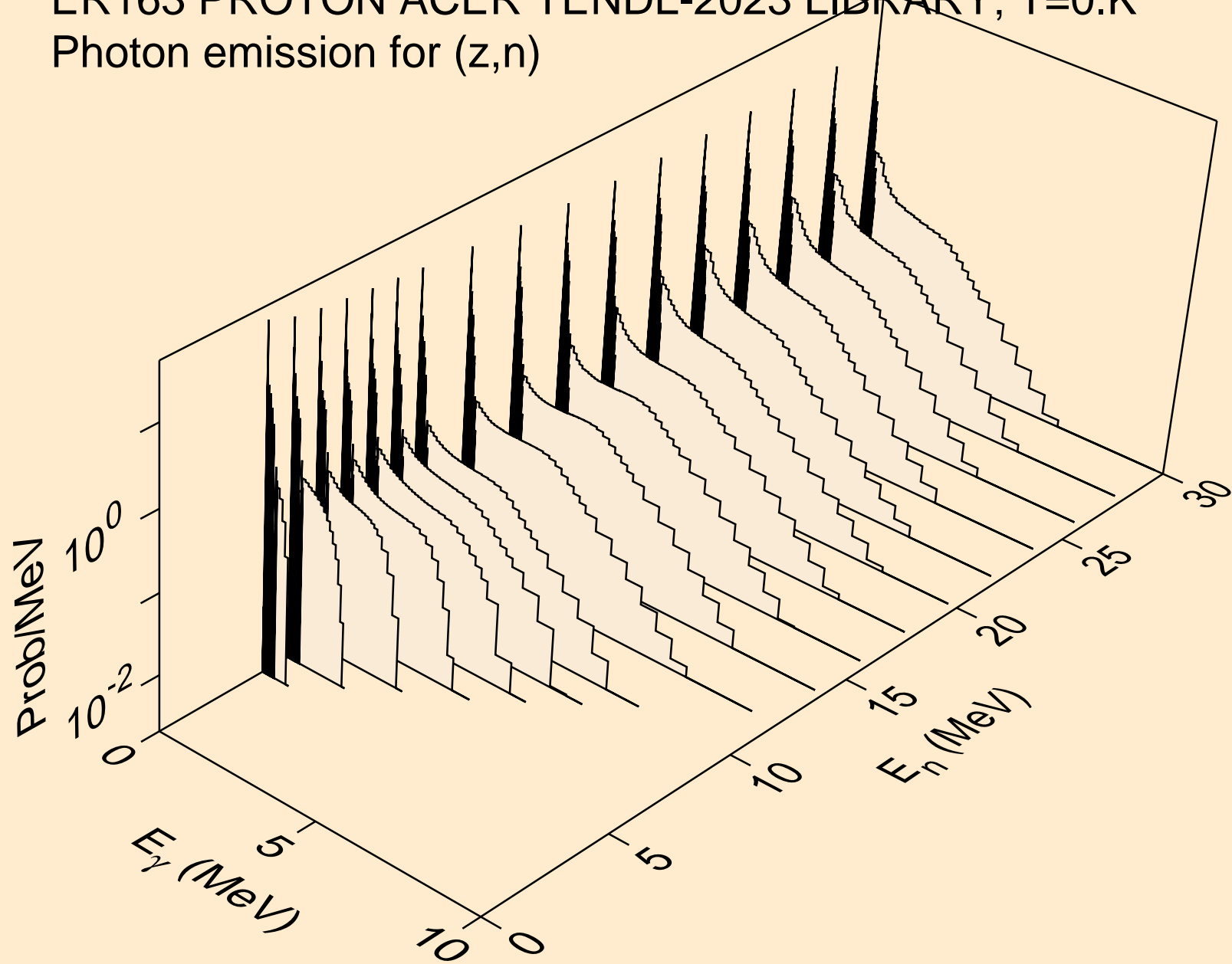
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



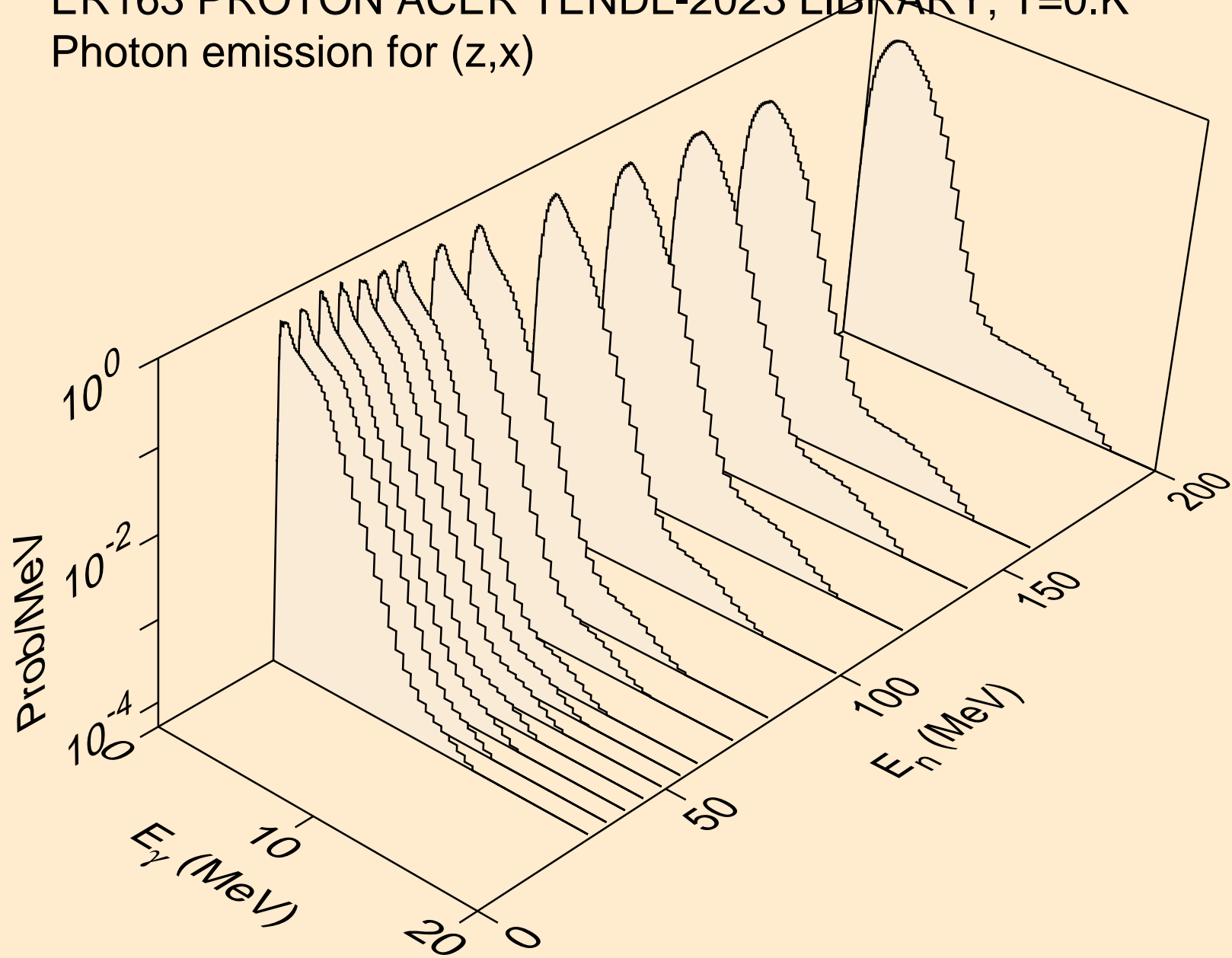
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



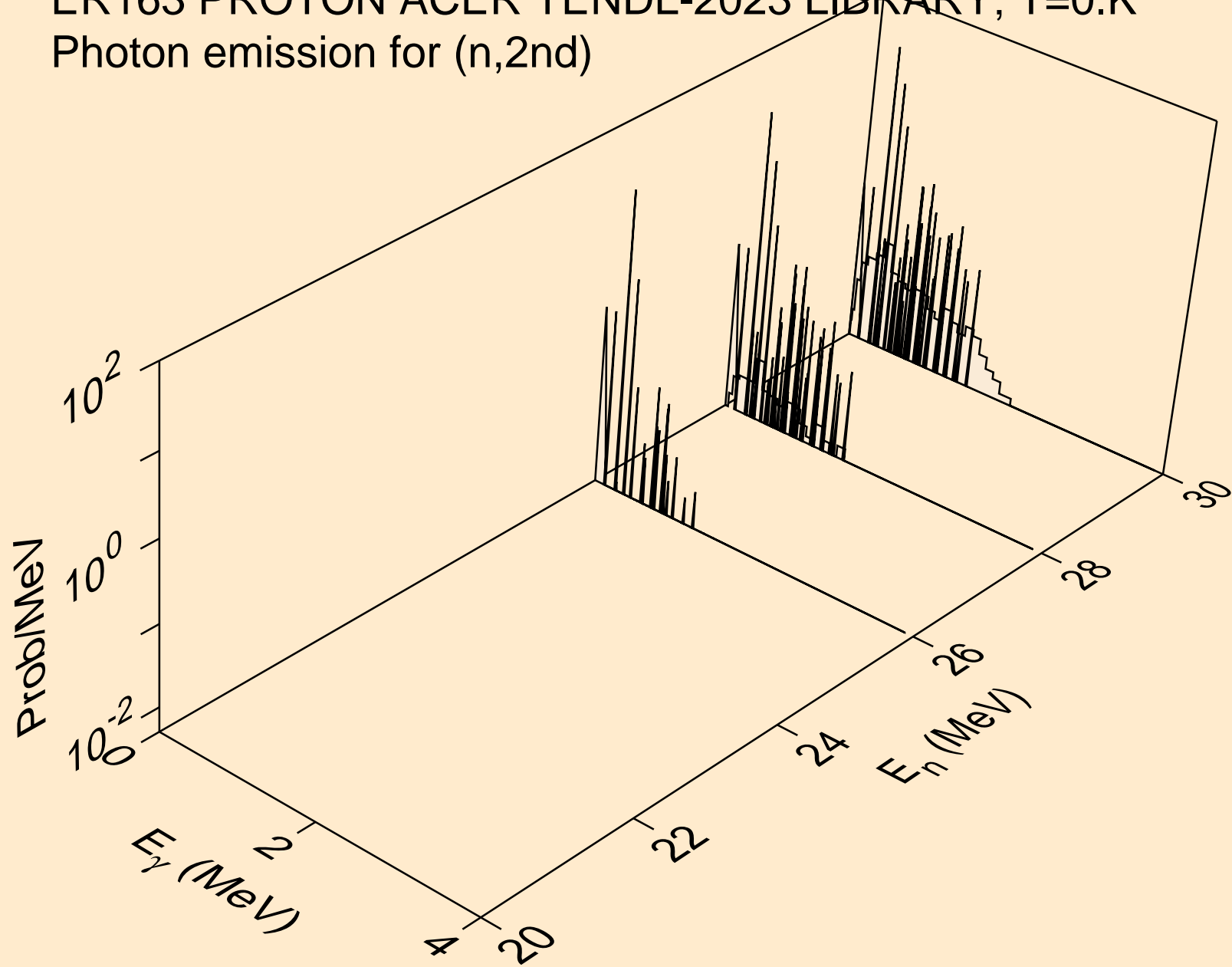
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



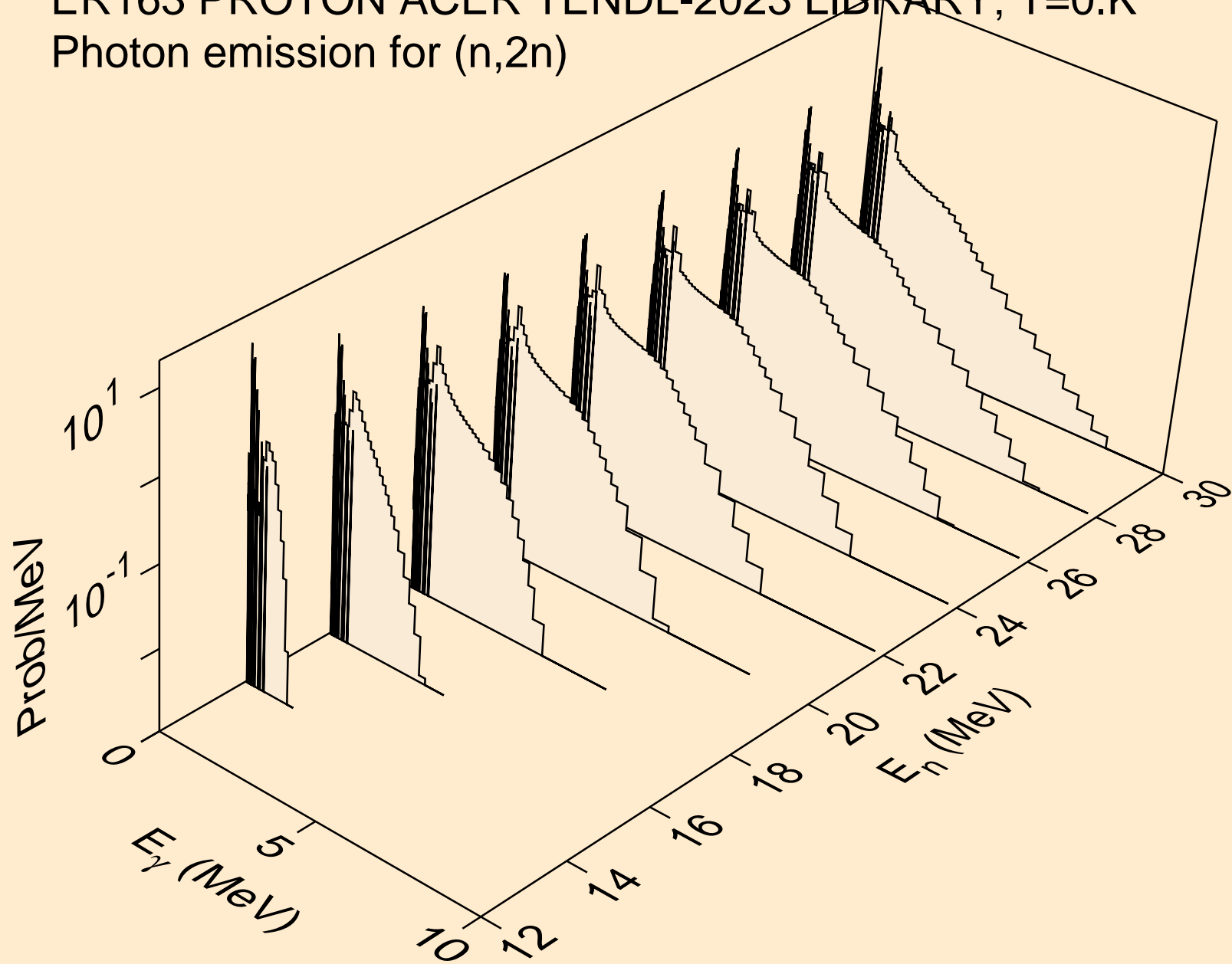
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

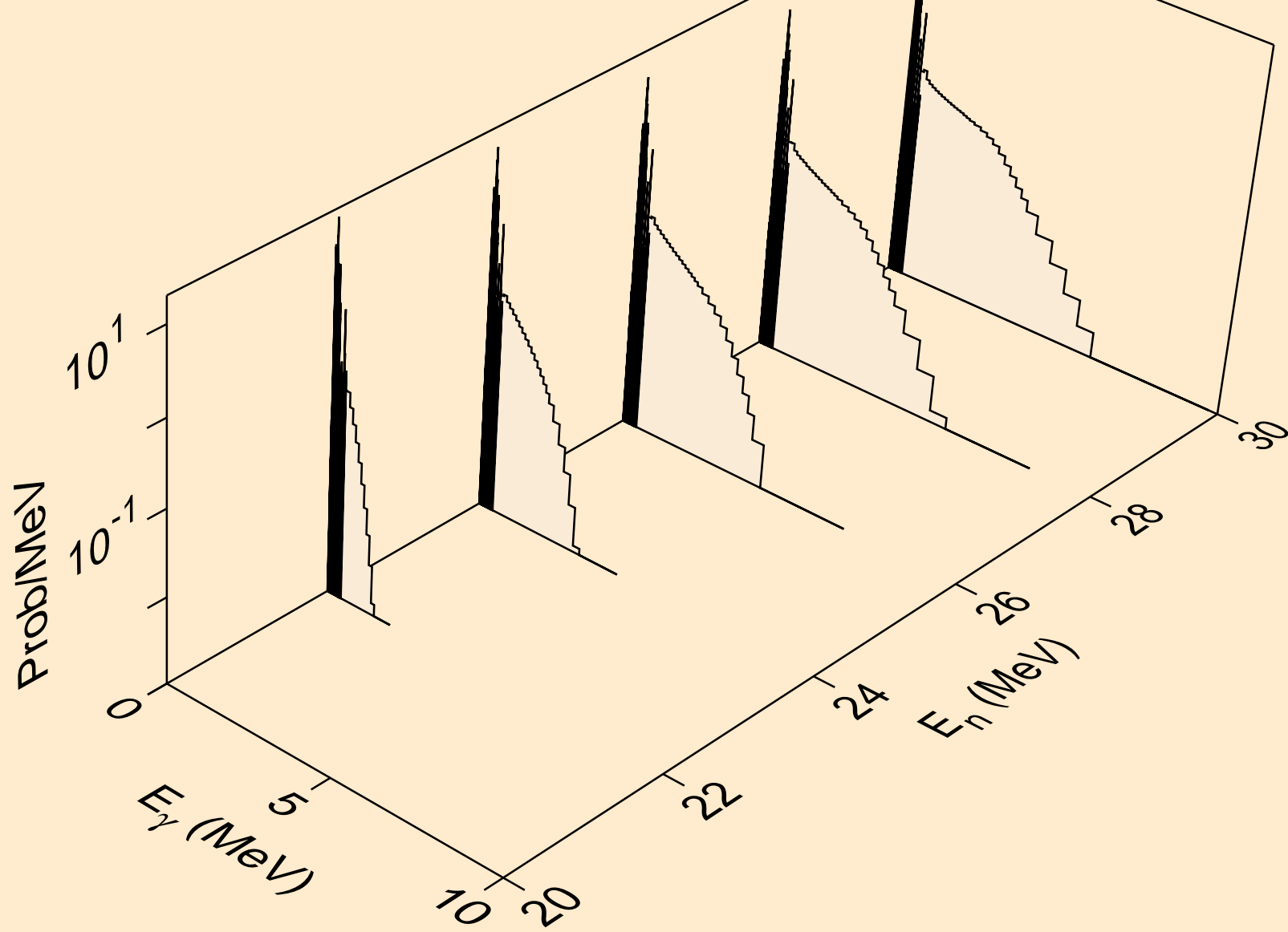


ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

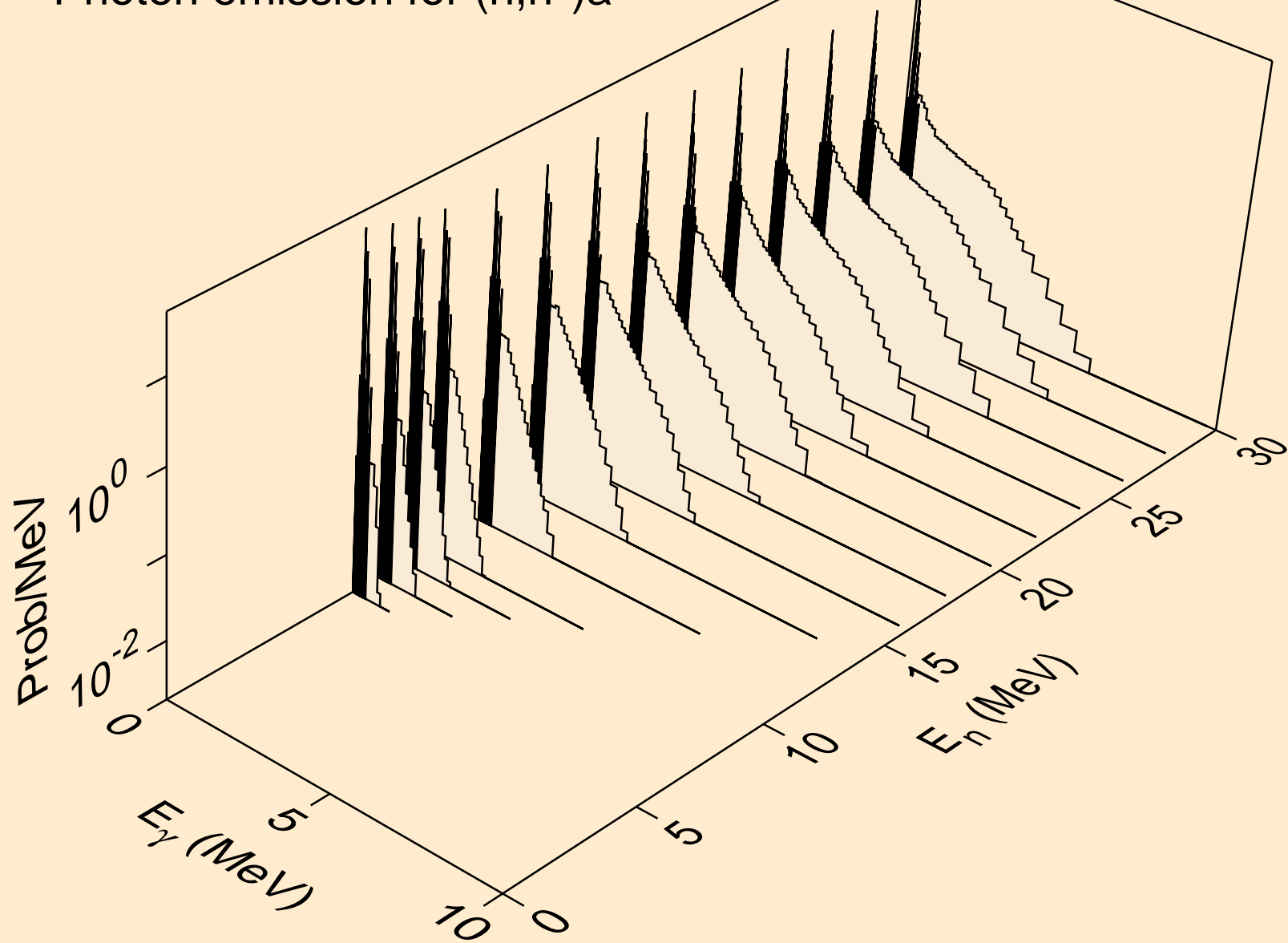




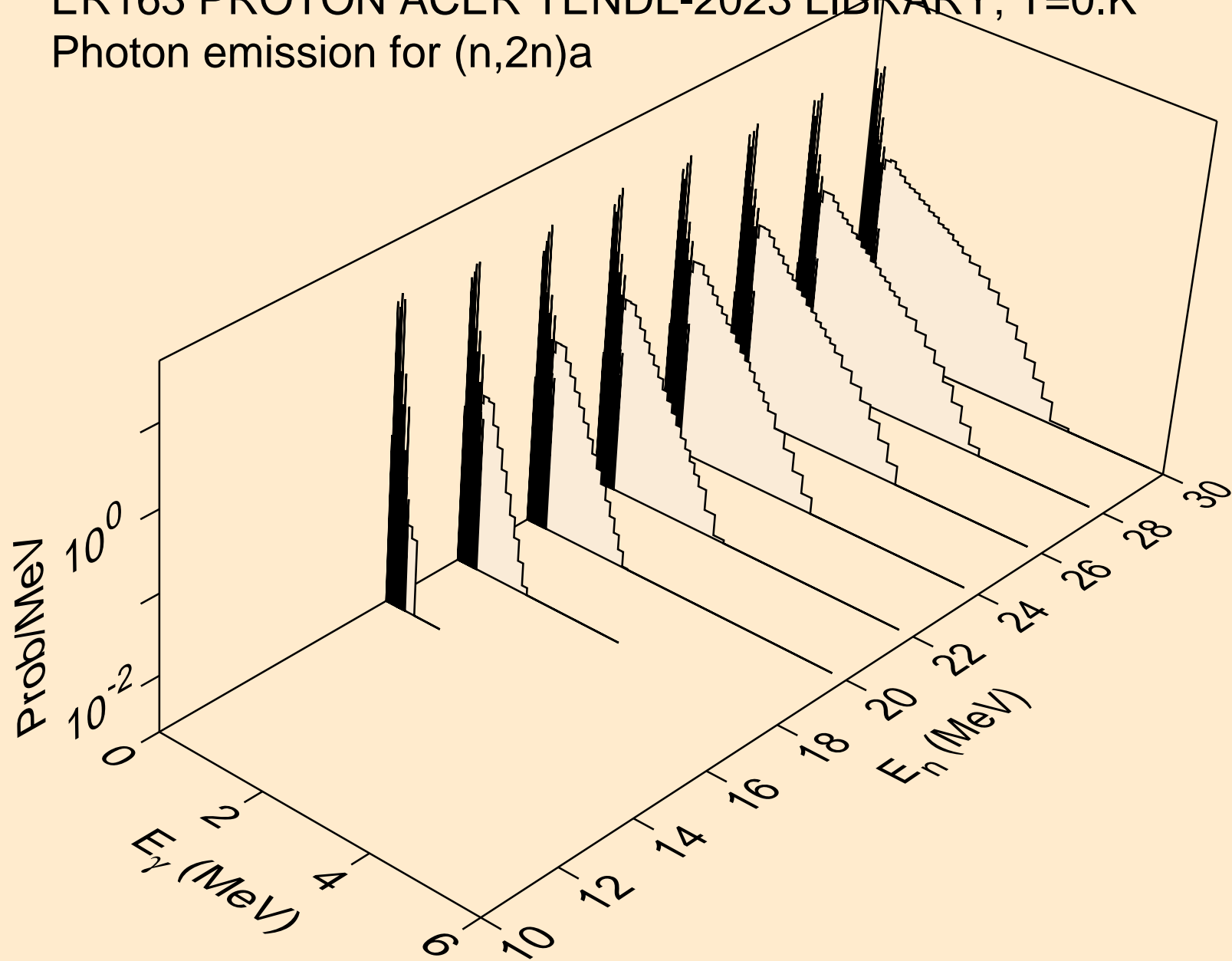
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



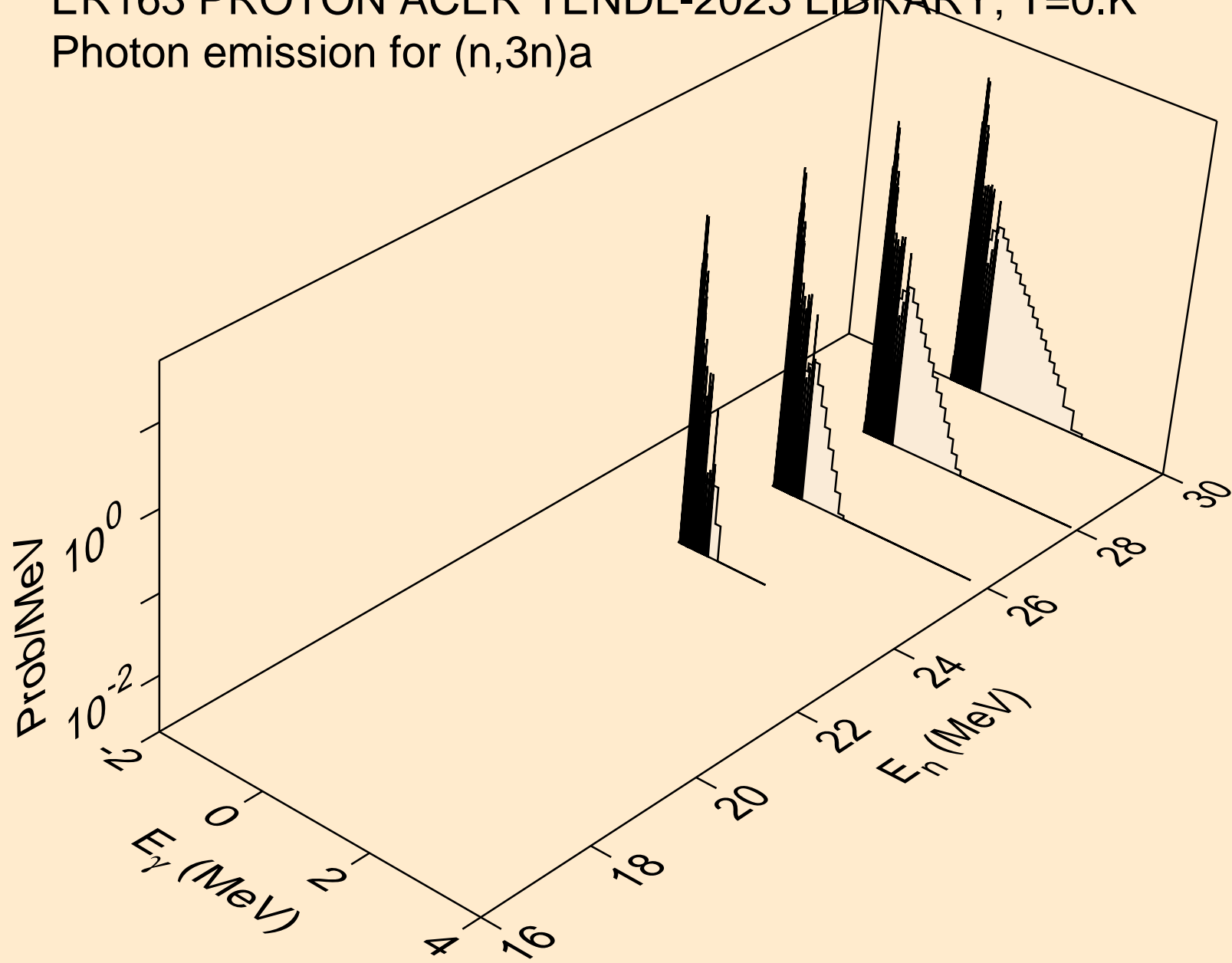
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



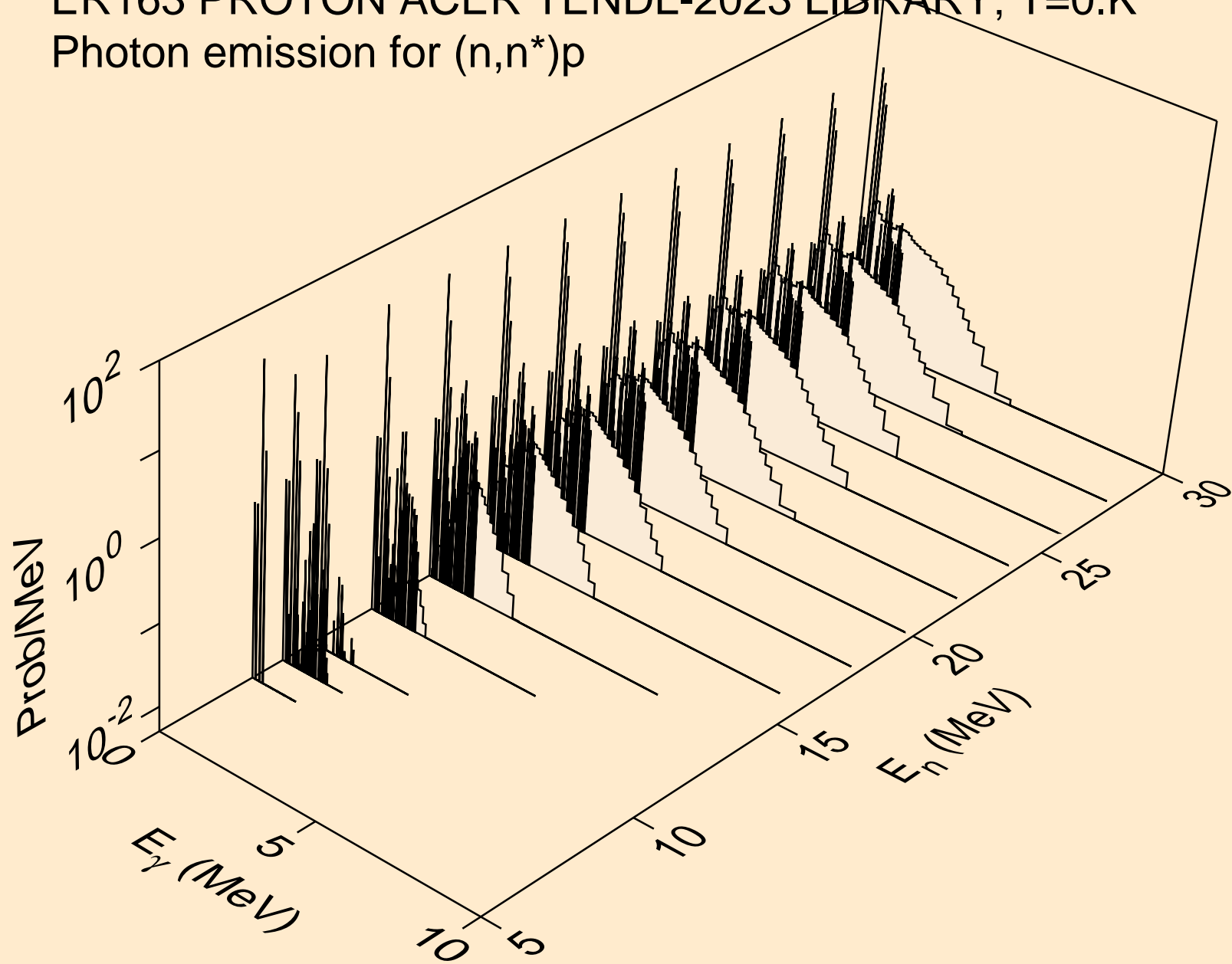
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Photon emission for (n,2n)a



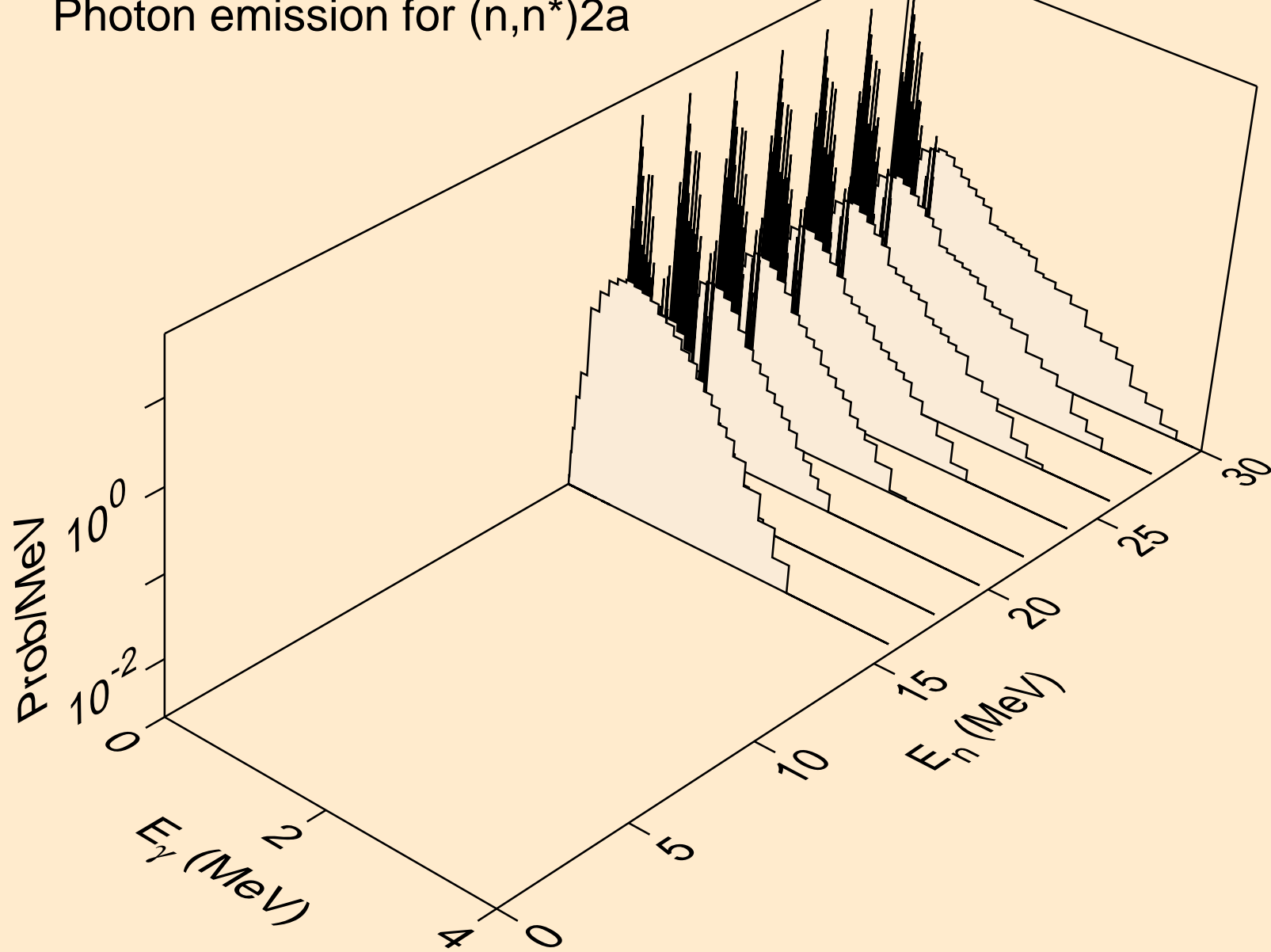
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Photon emission for (n,3n)a



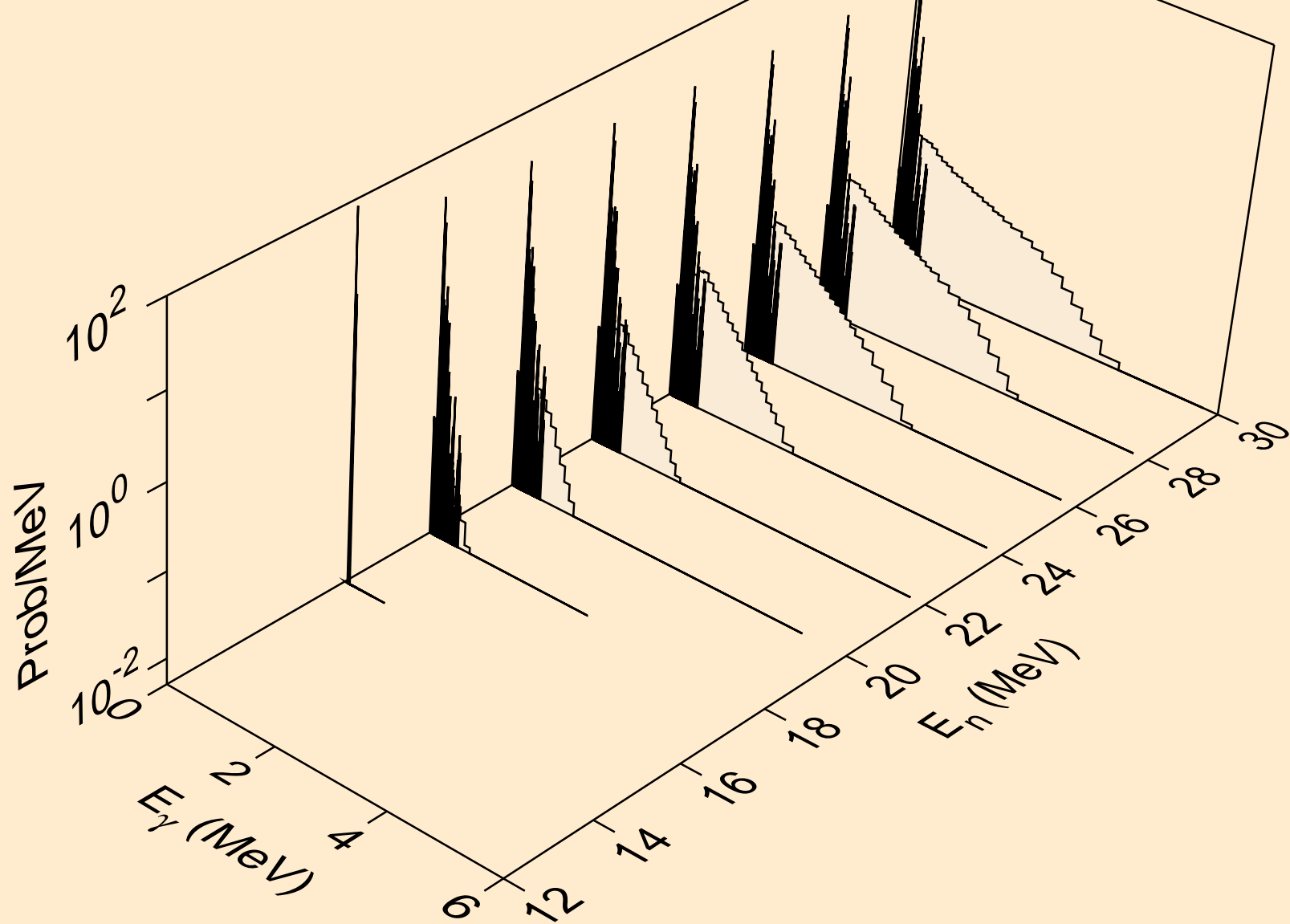
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



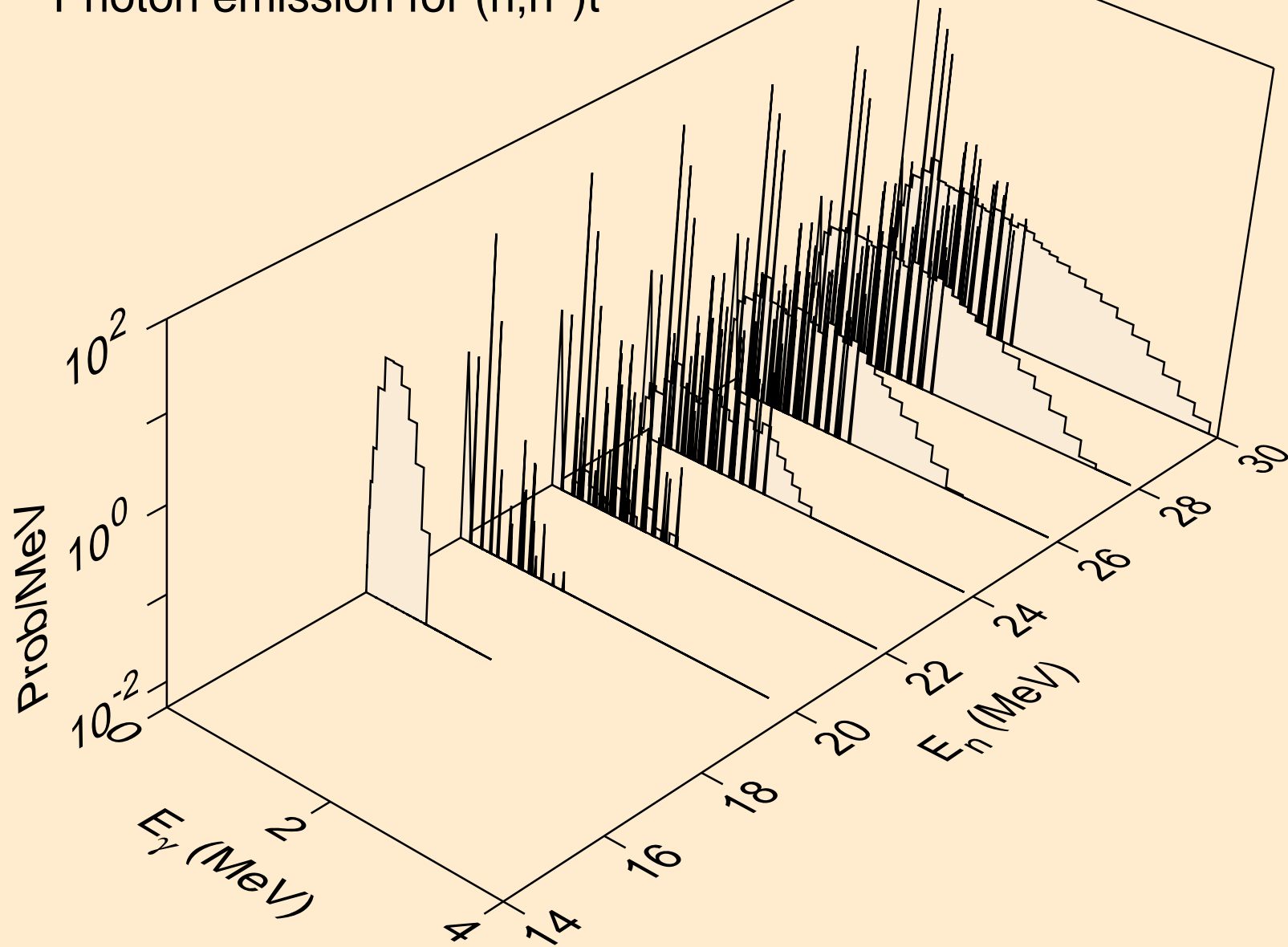
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

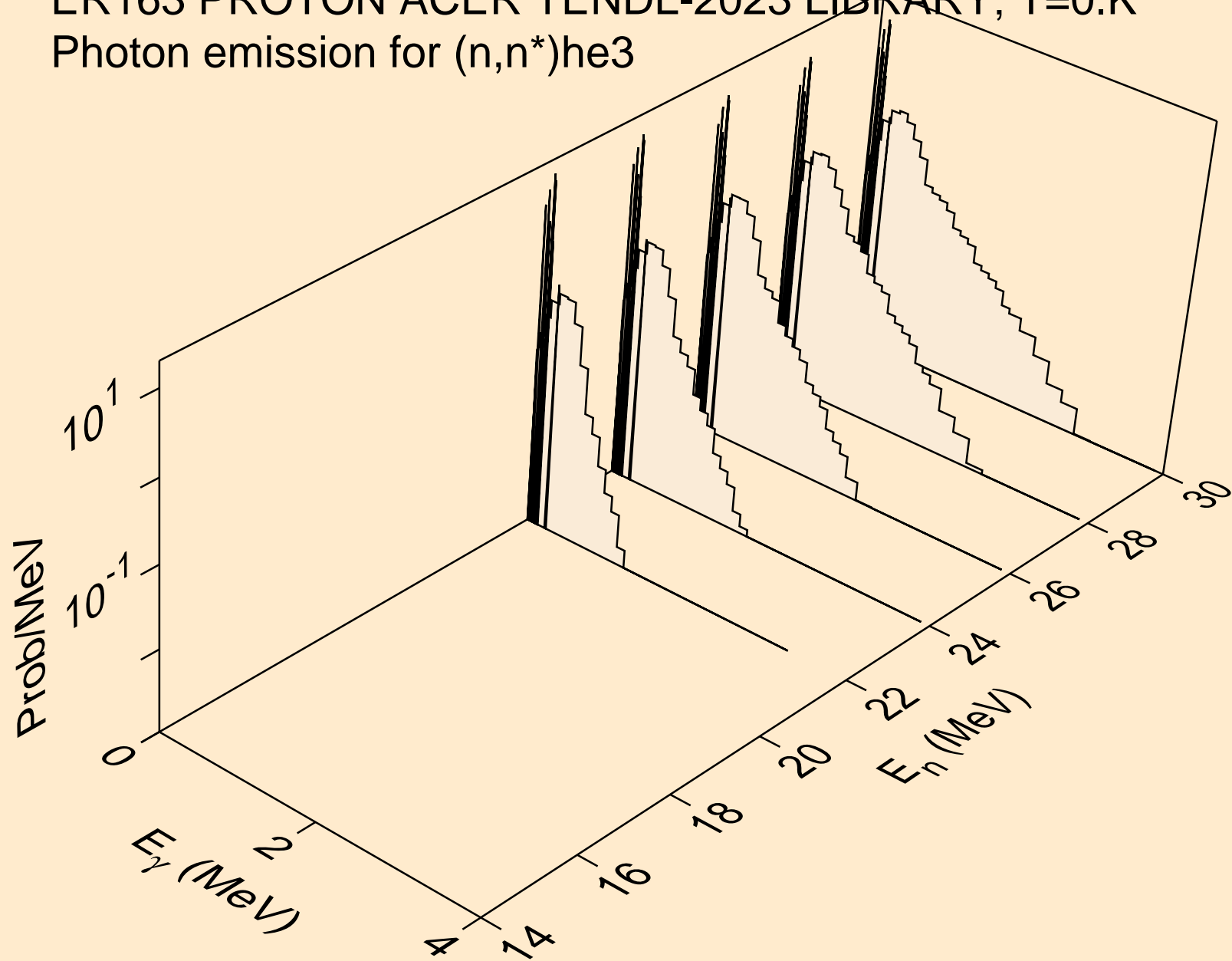


ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

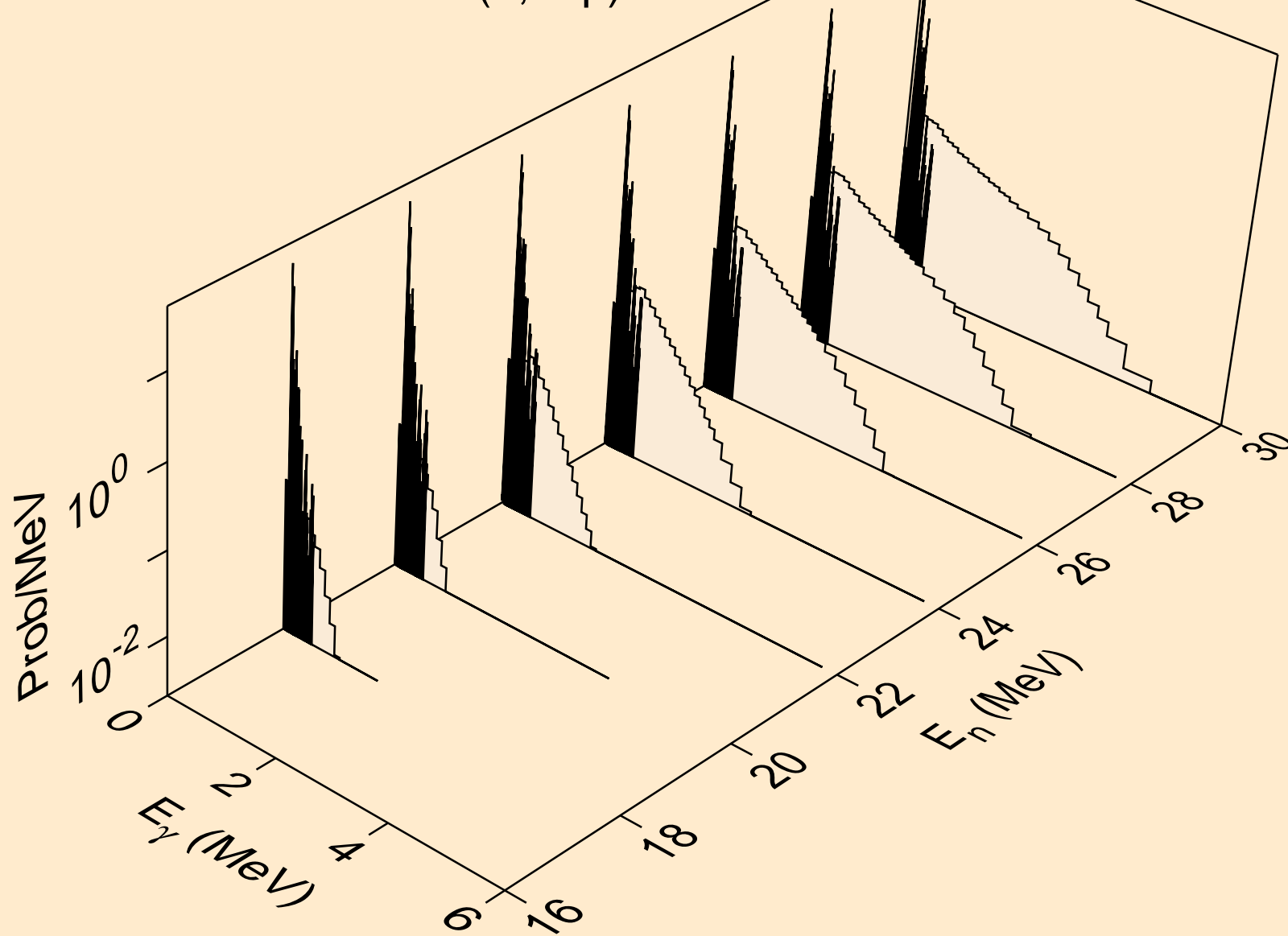




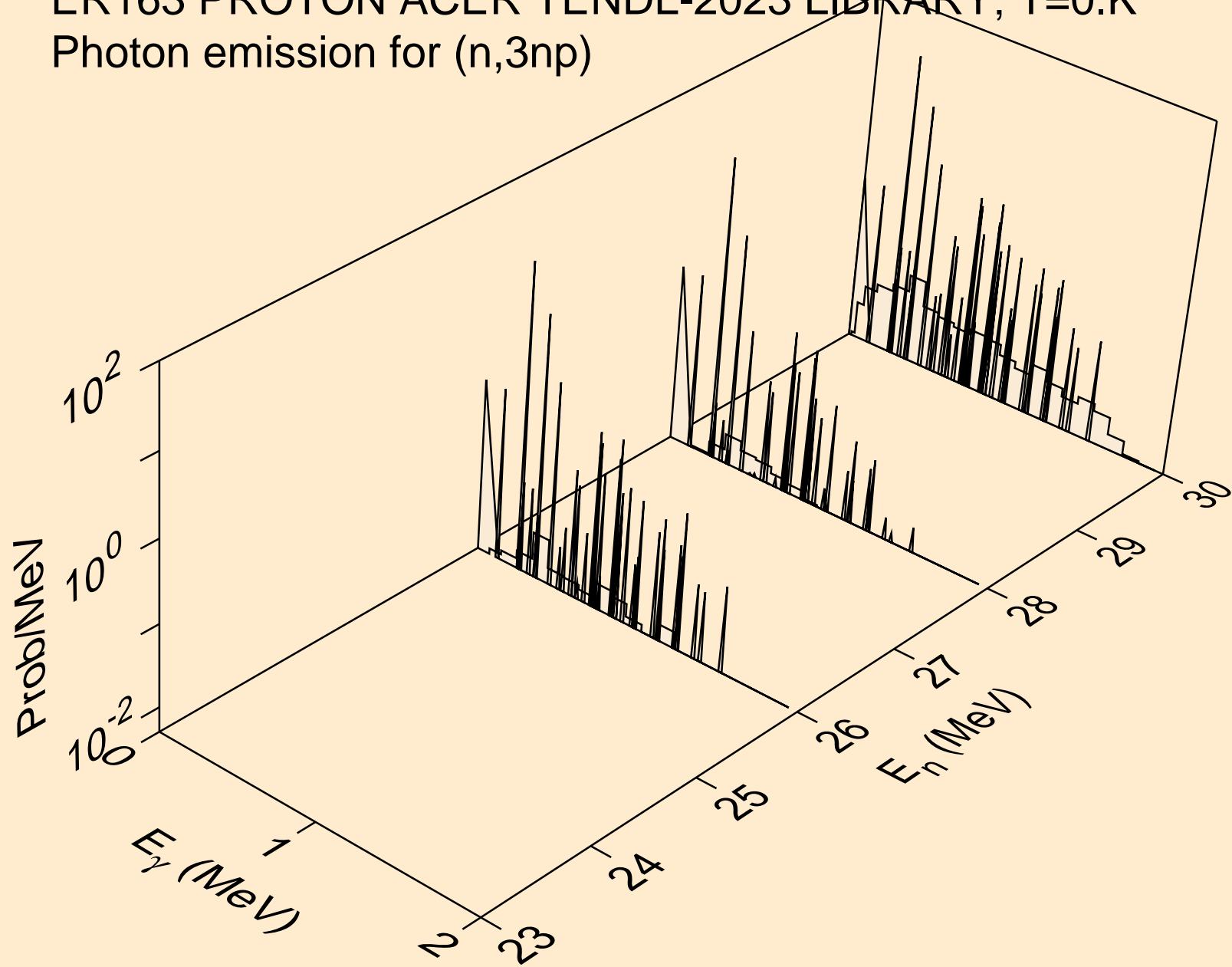
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



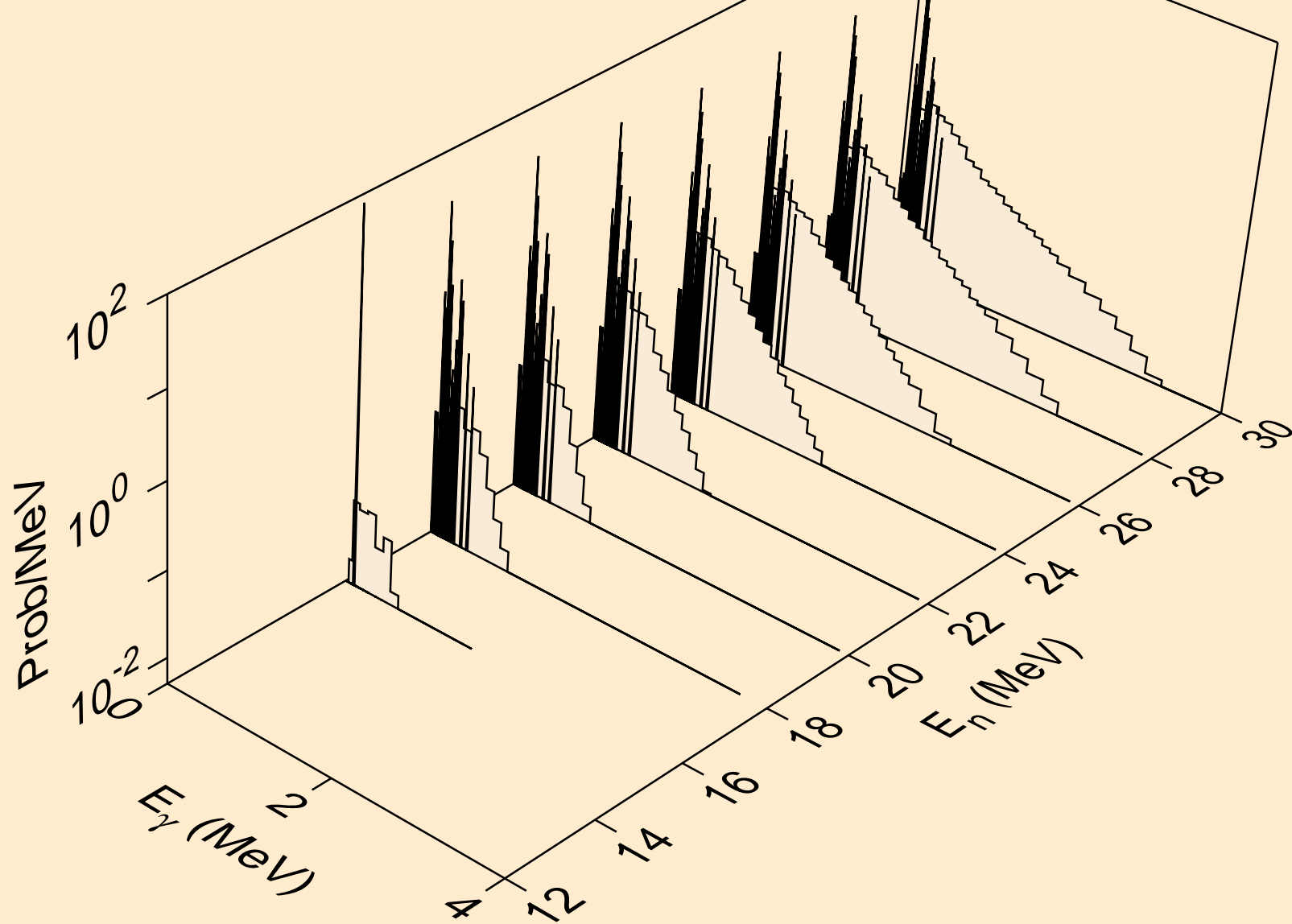
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



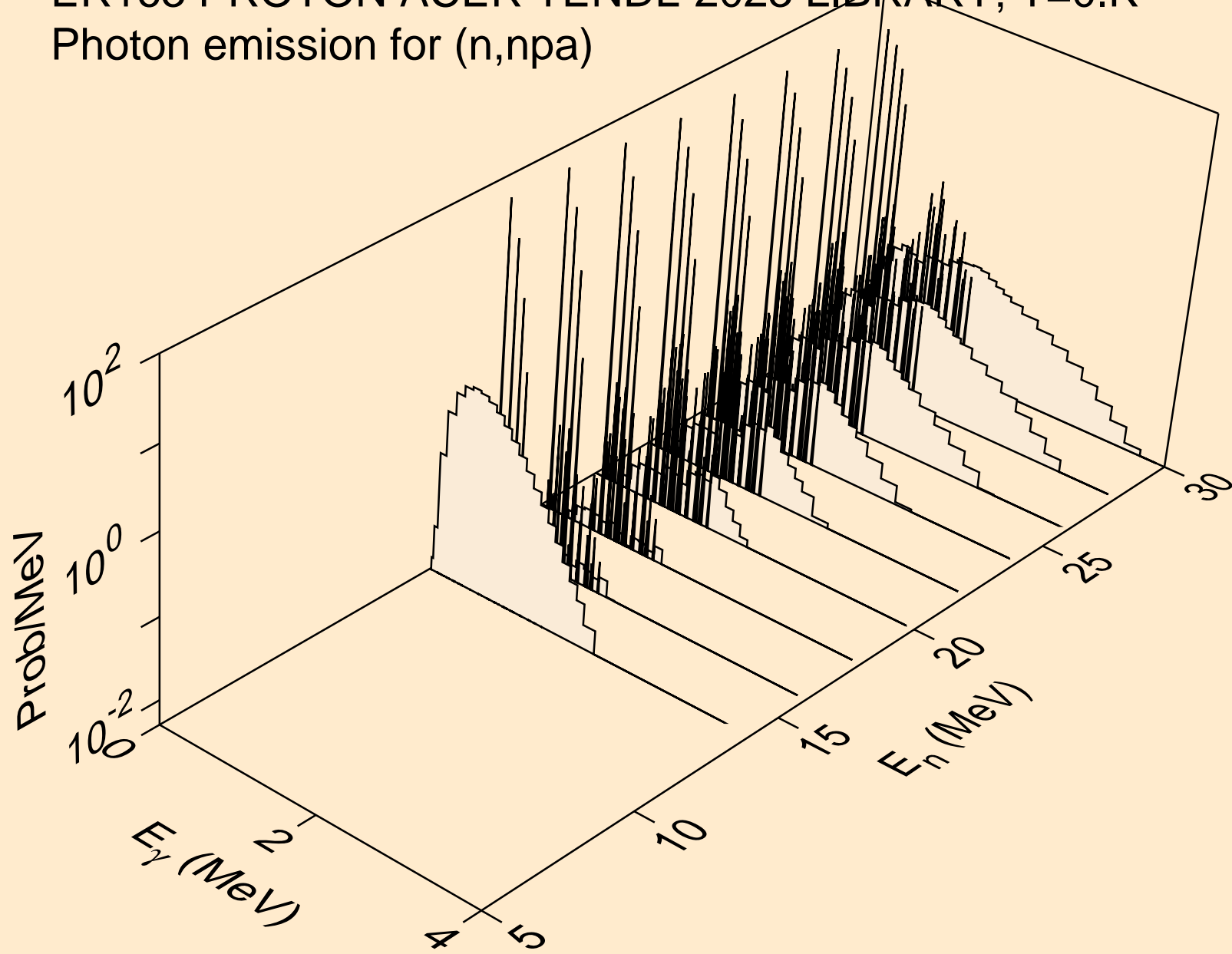
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Photon emission for (n,3np)



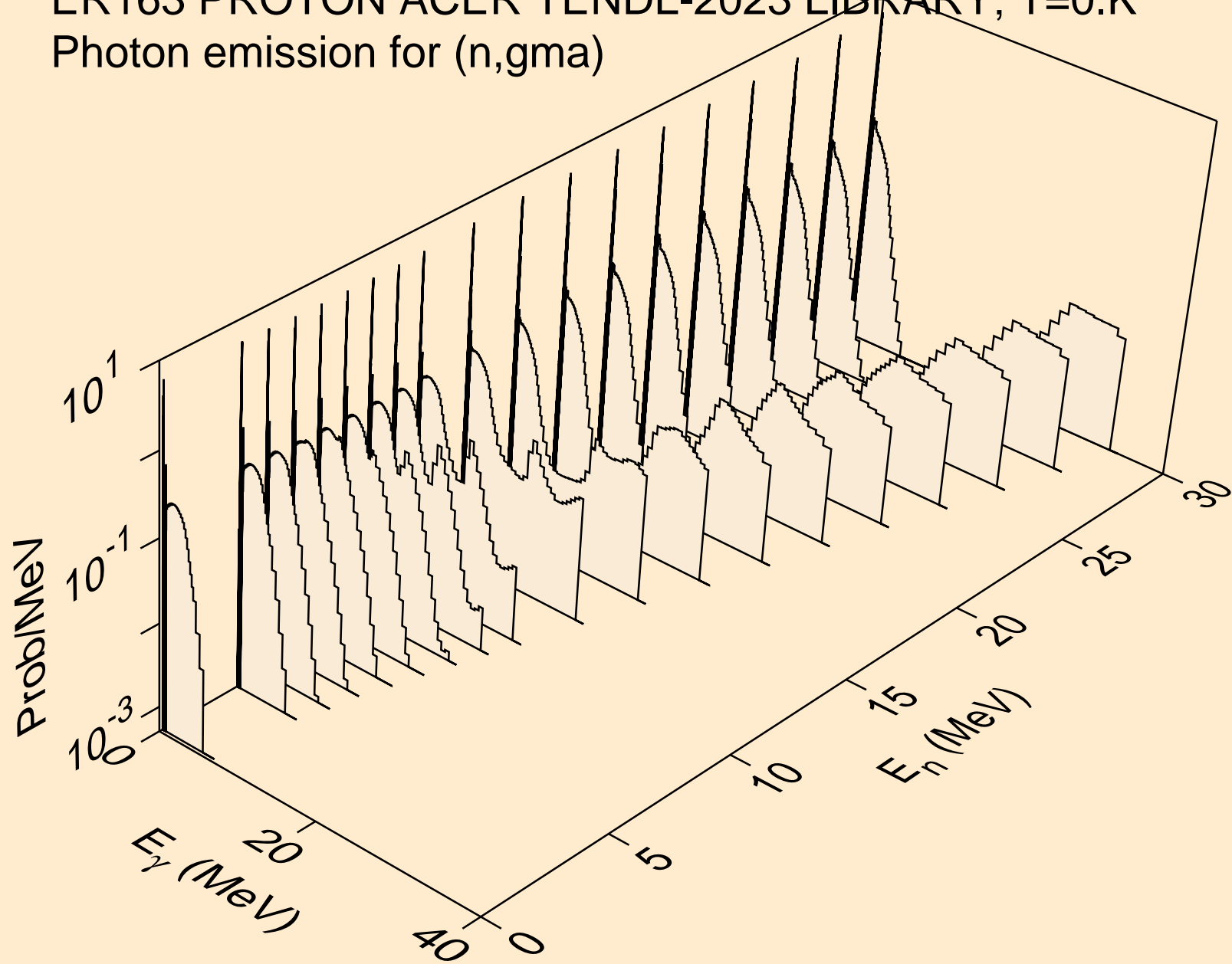
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Photon emission for (n,n2p)



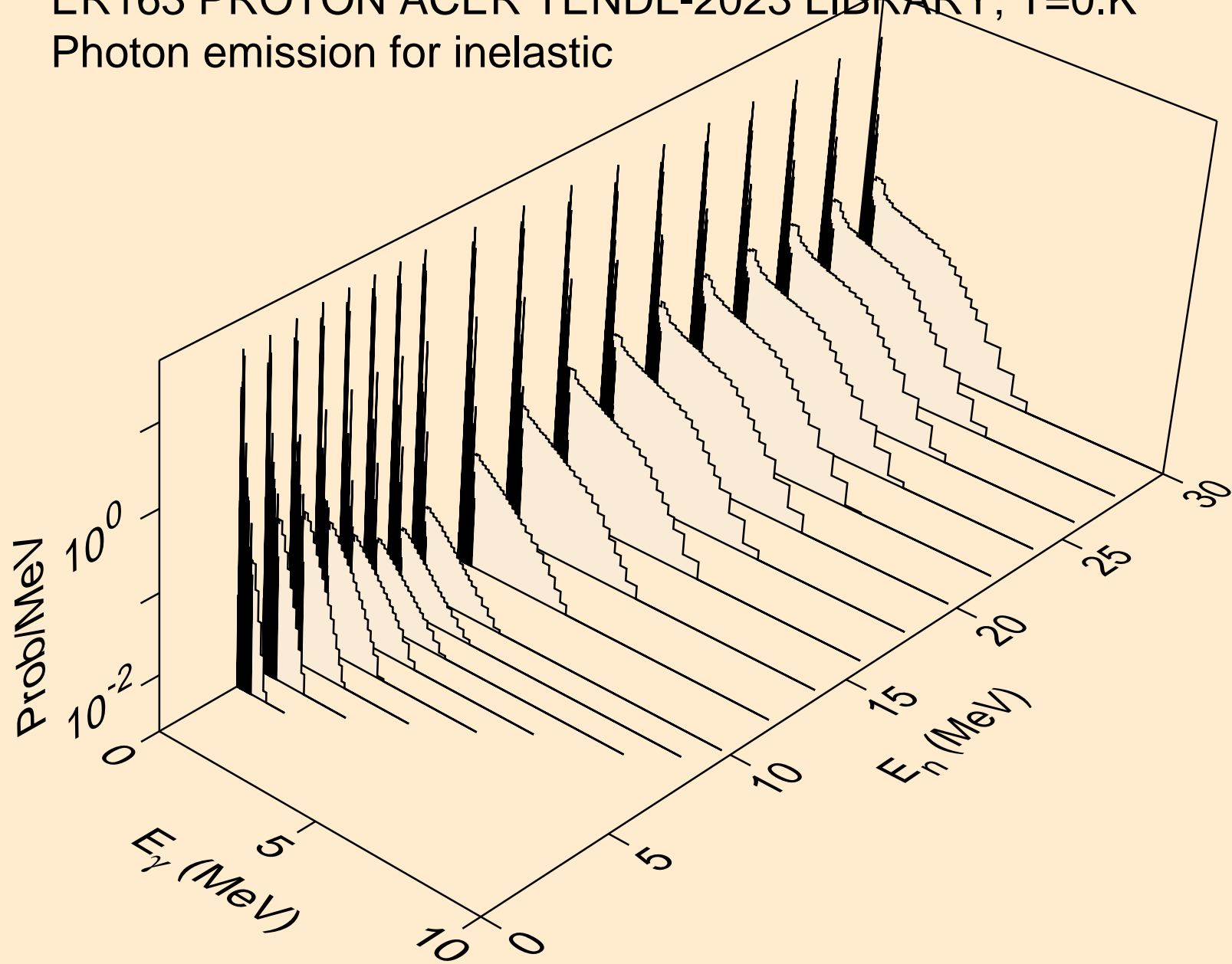
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Photon emission for (n,npa)



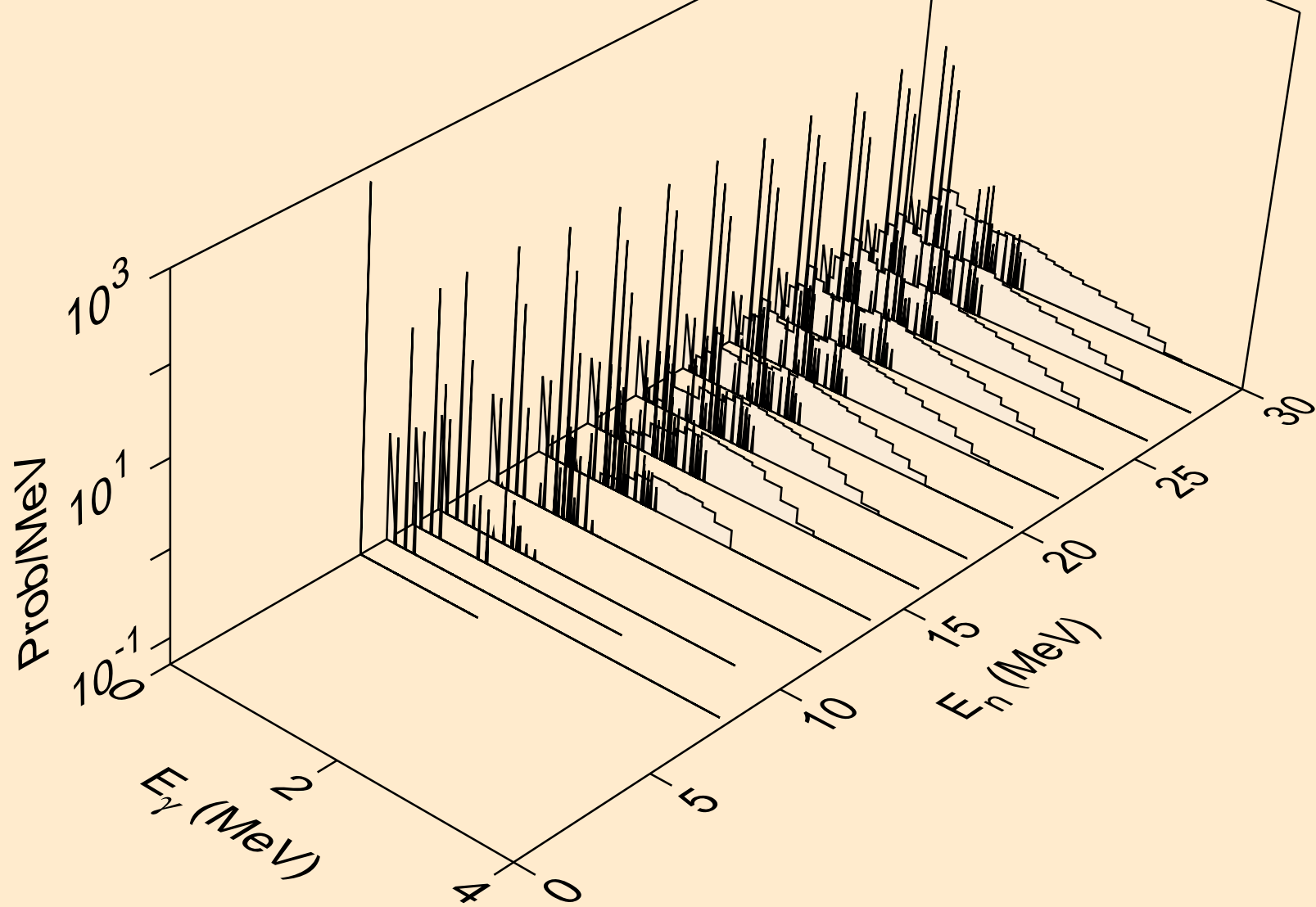
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

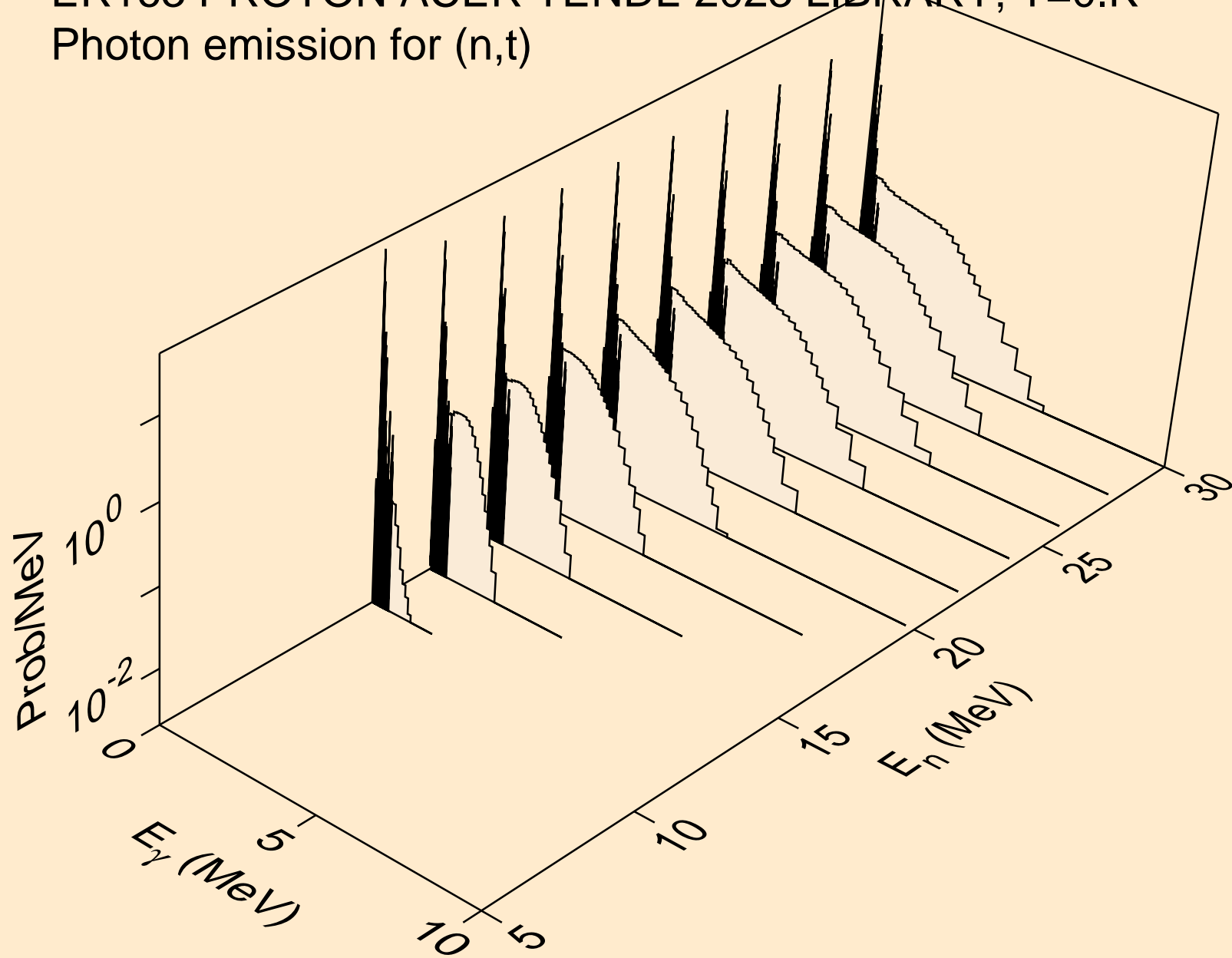


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Photon emission for (n,d)

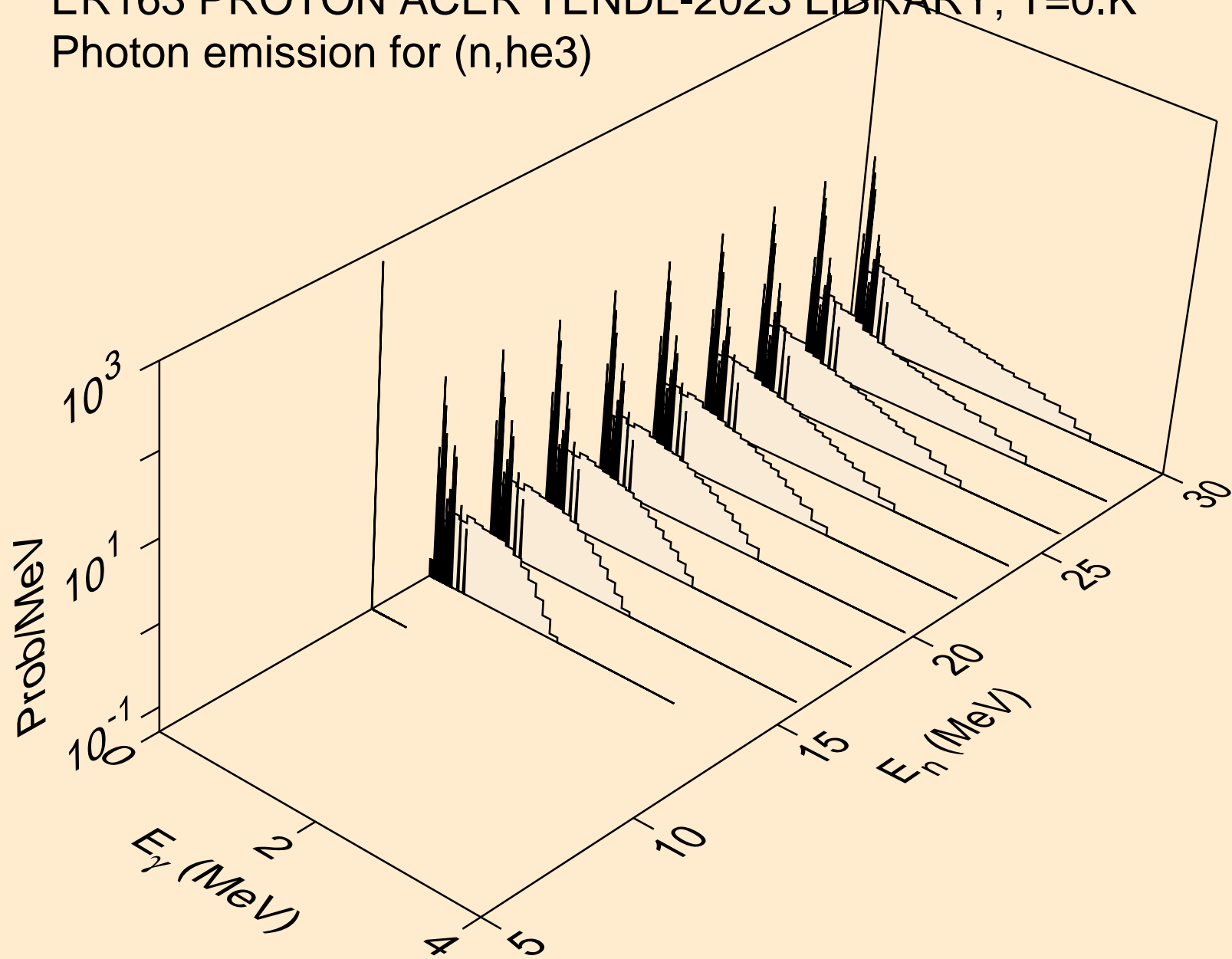




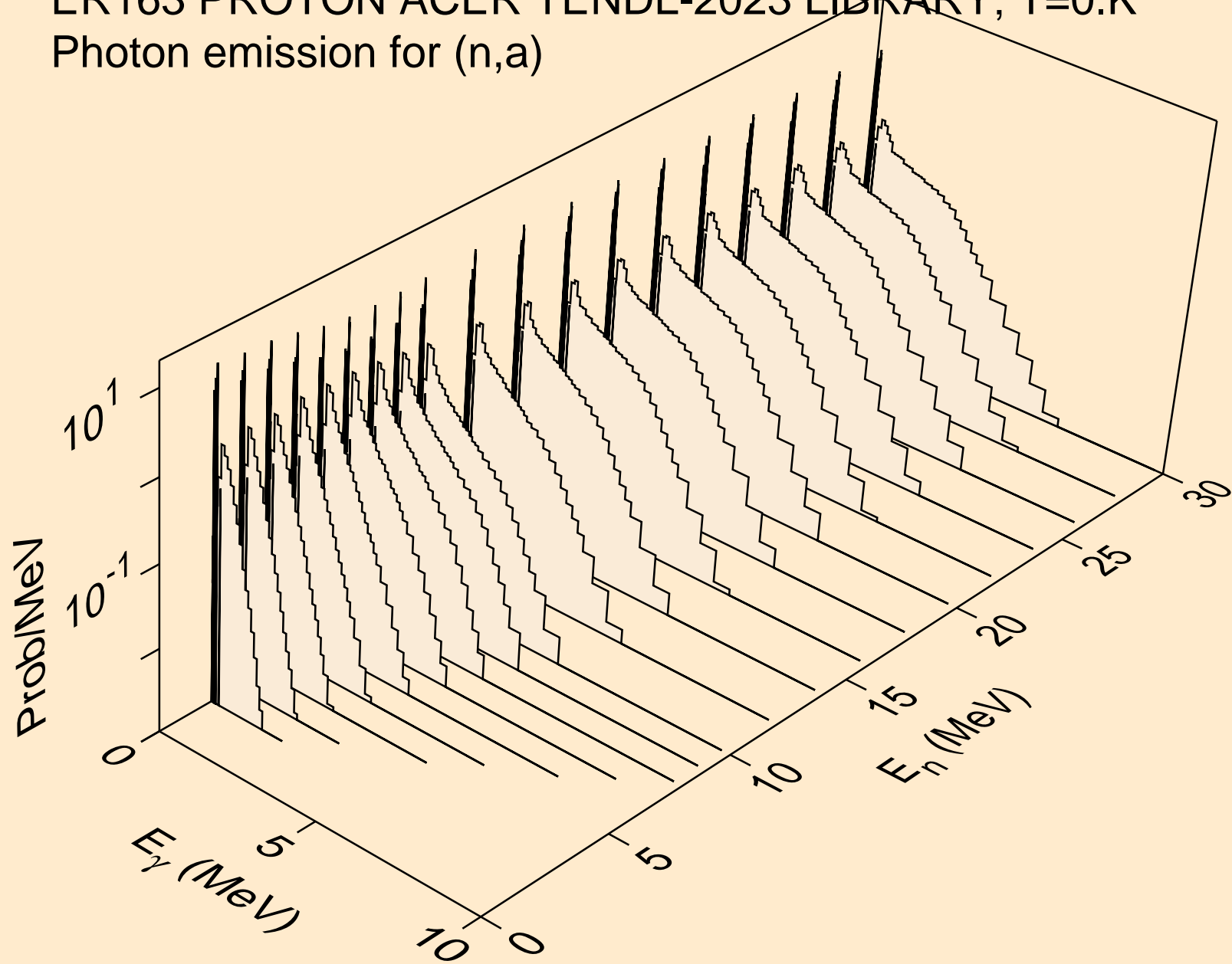
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Photon emission for (n,t)



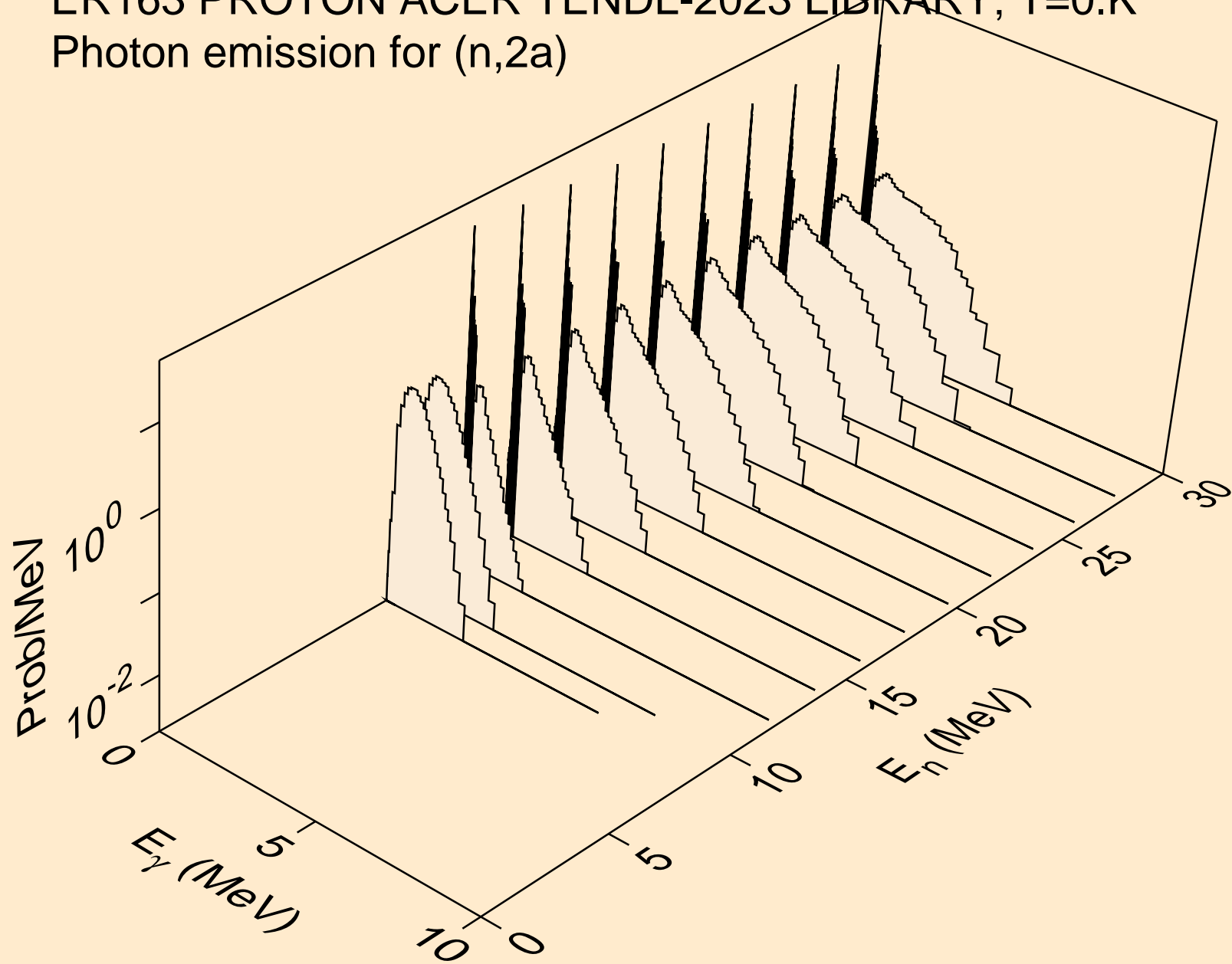
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Photon emission for (n,he3)



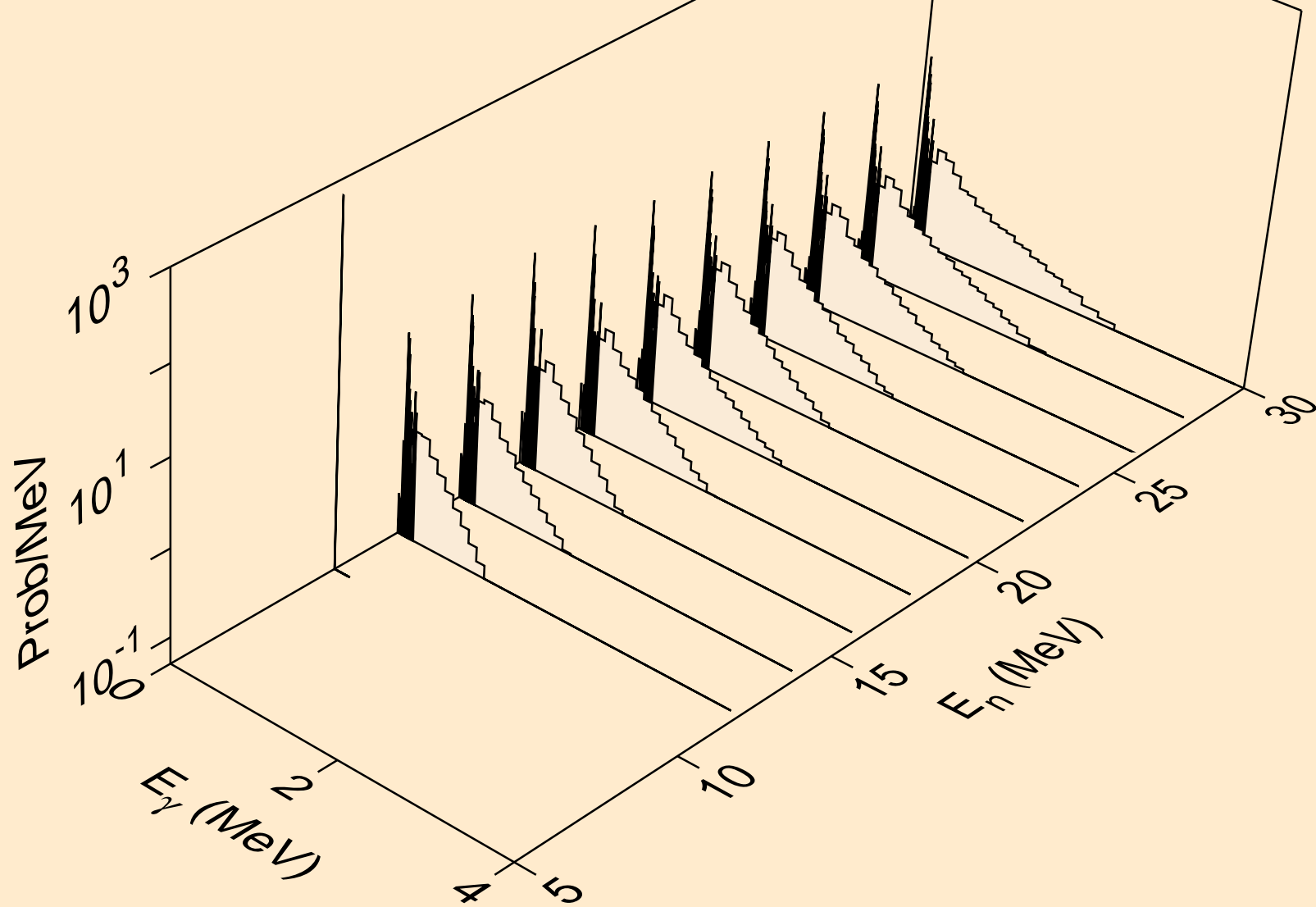
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



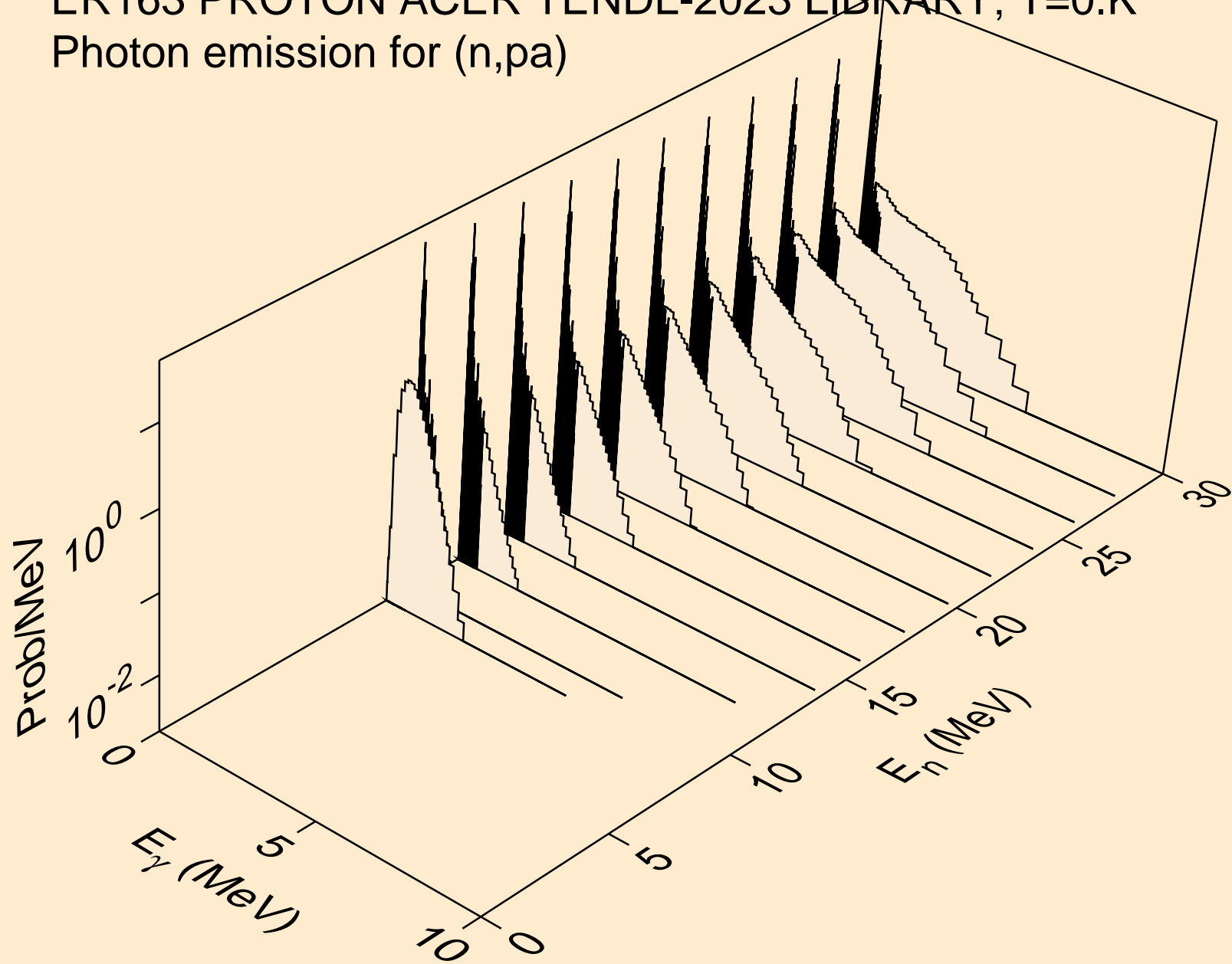
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Photon emission for (n,2a)



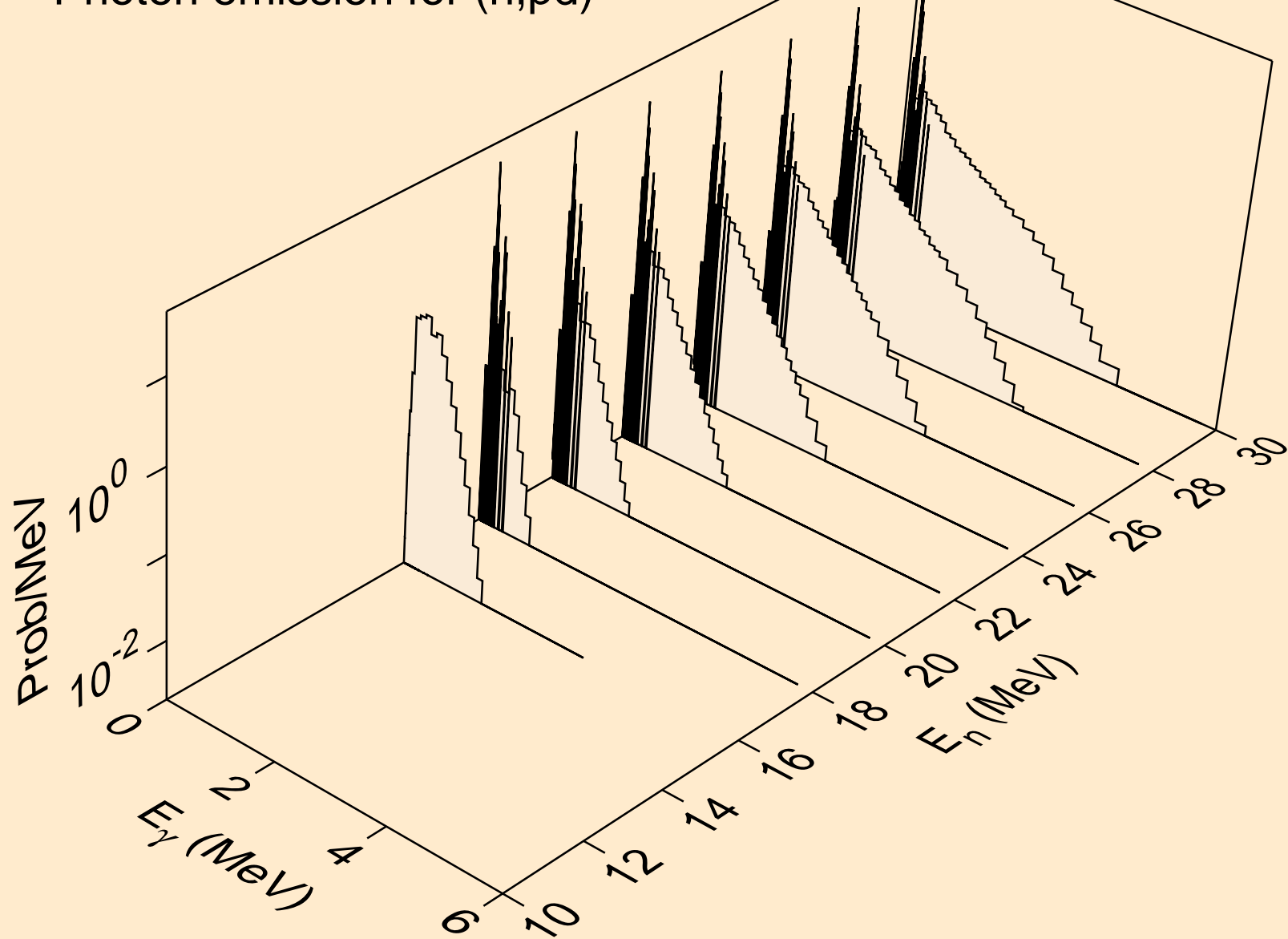
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Photon emission for (n,2p)



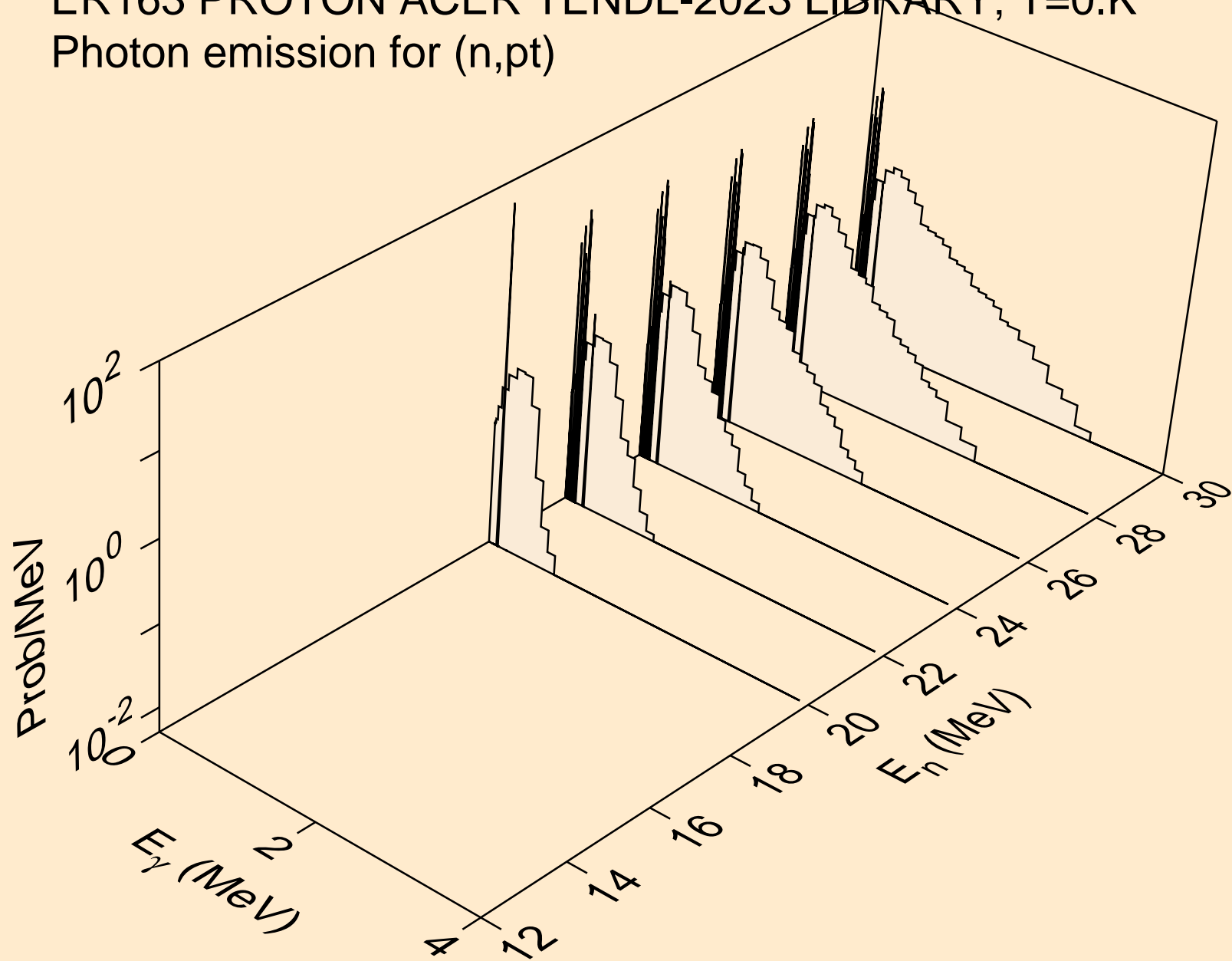
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

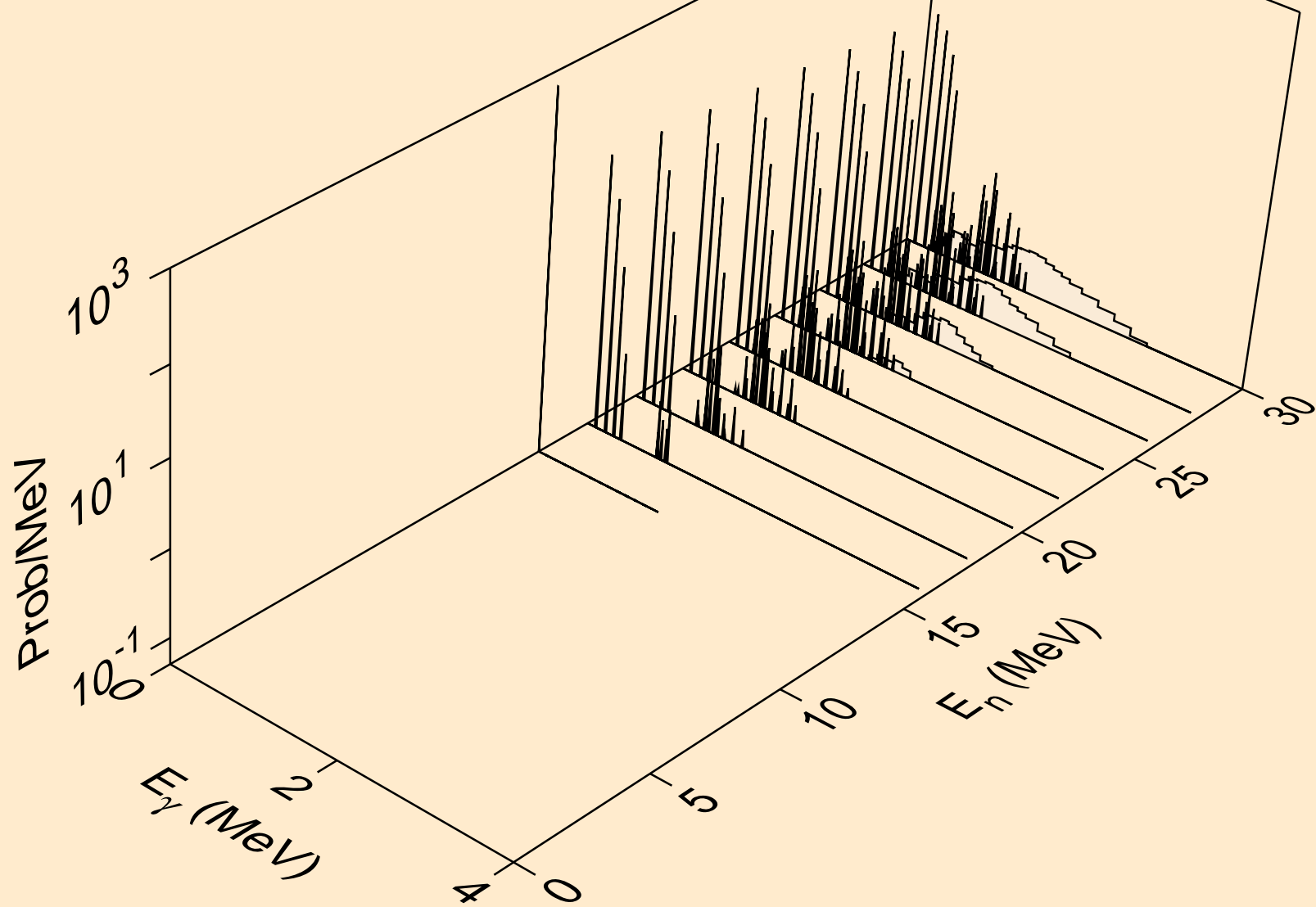


ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

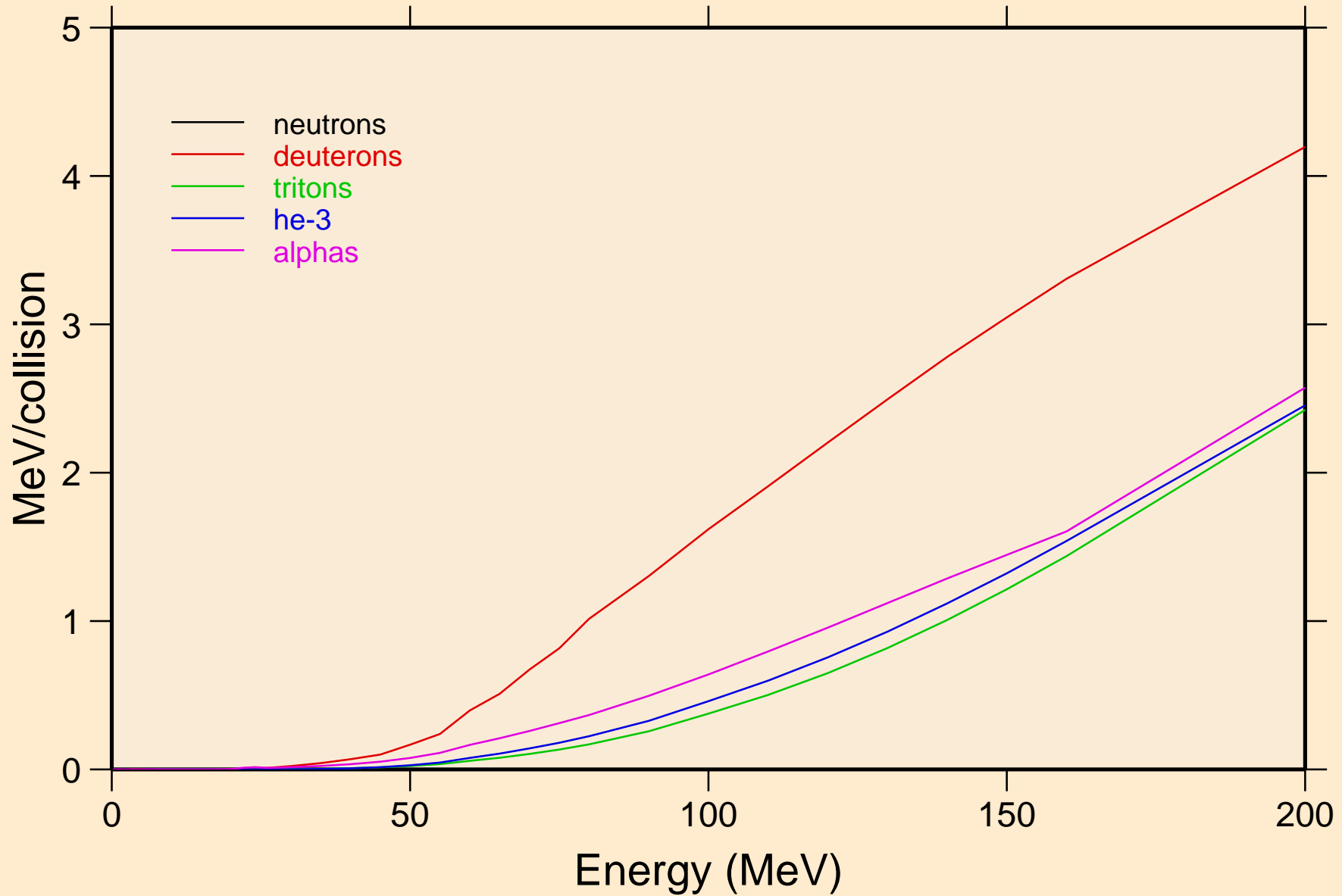




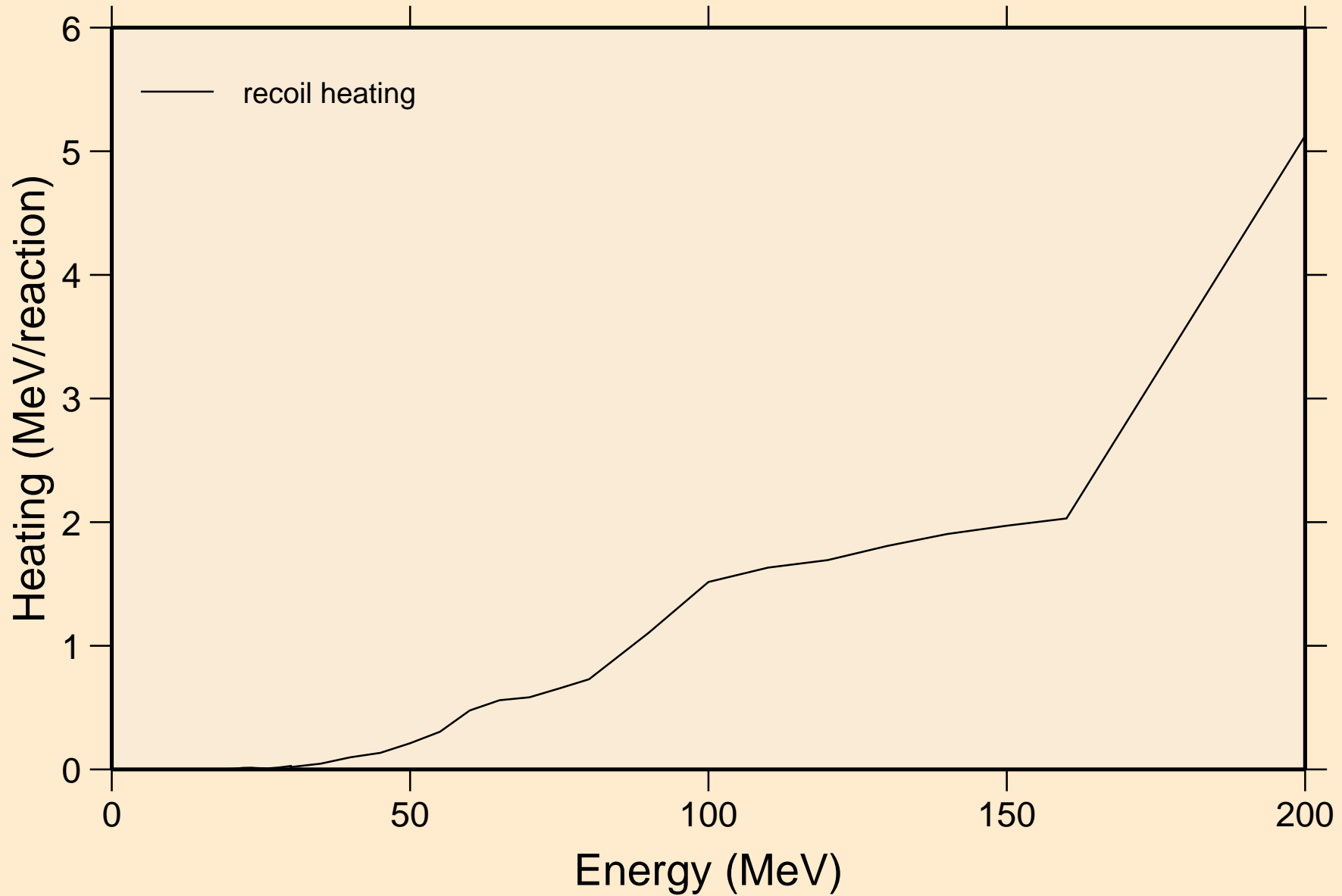
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



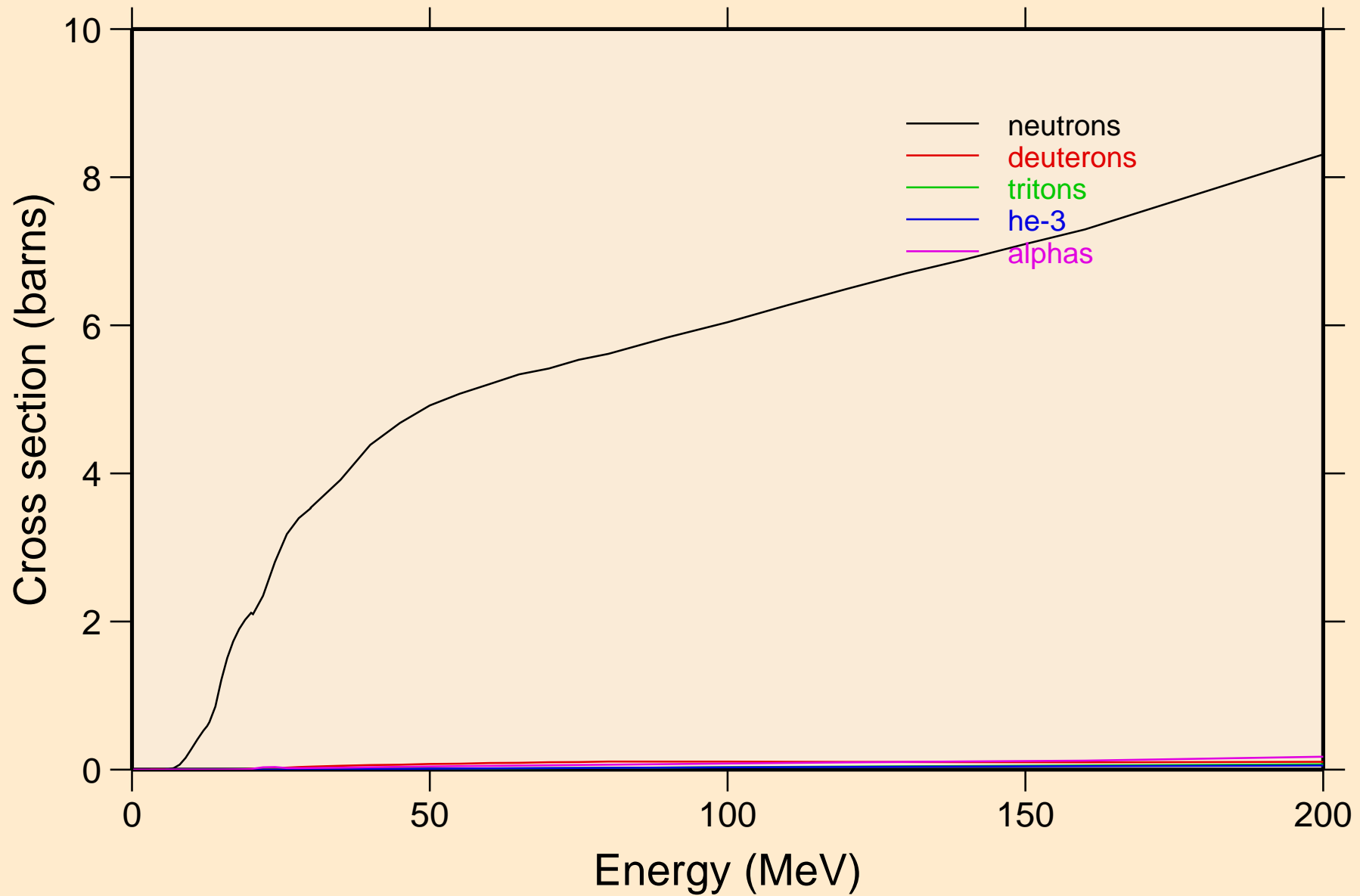
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



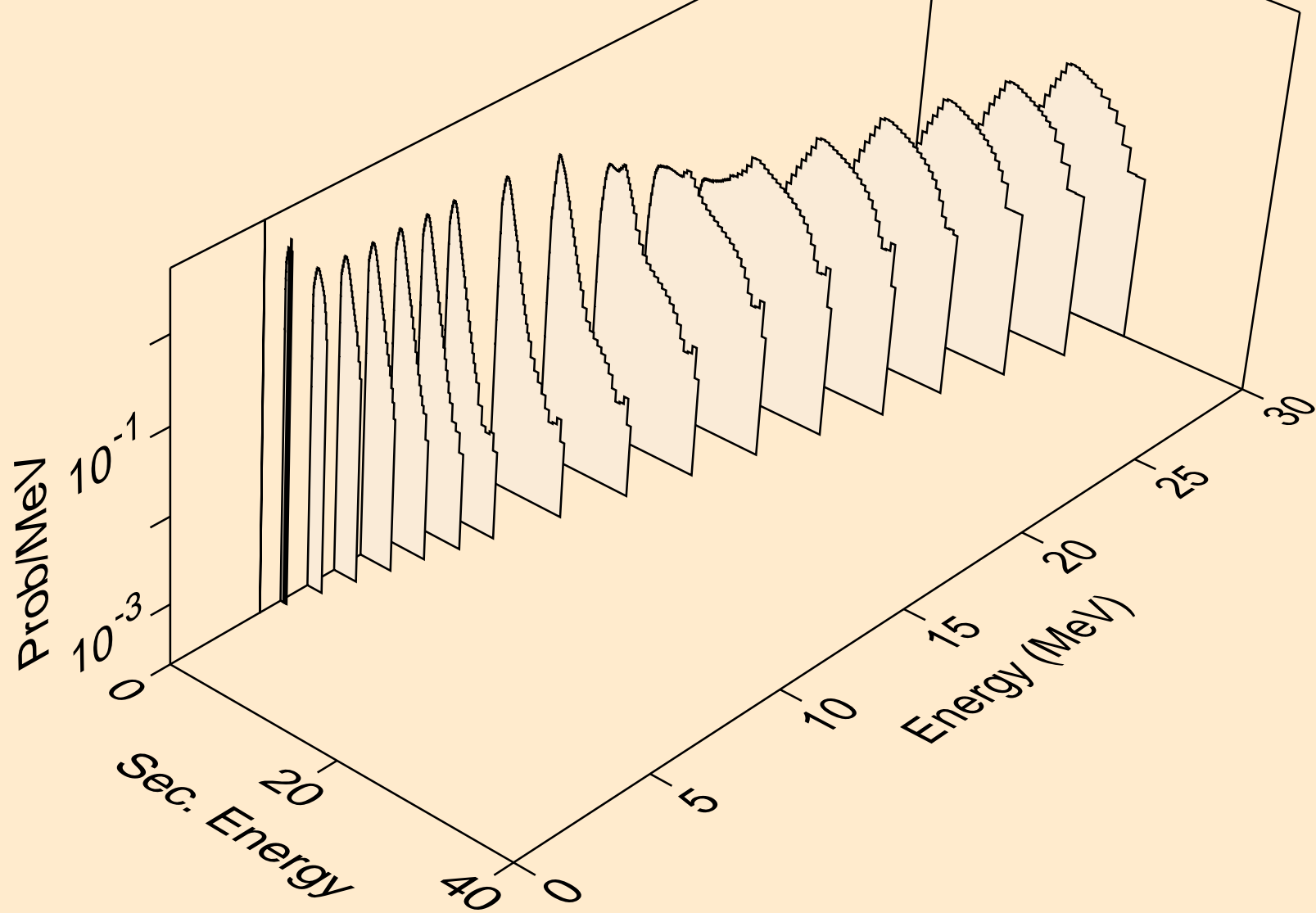
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



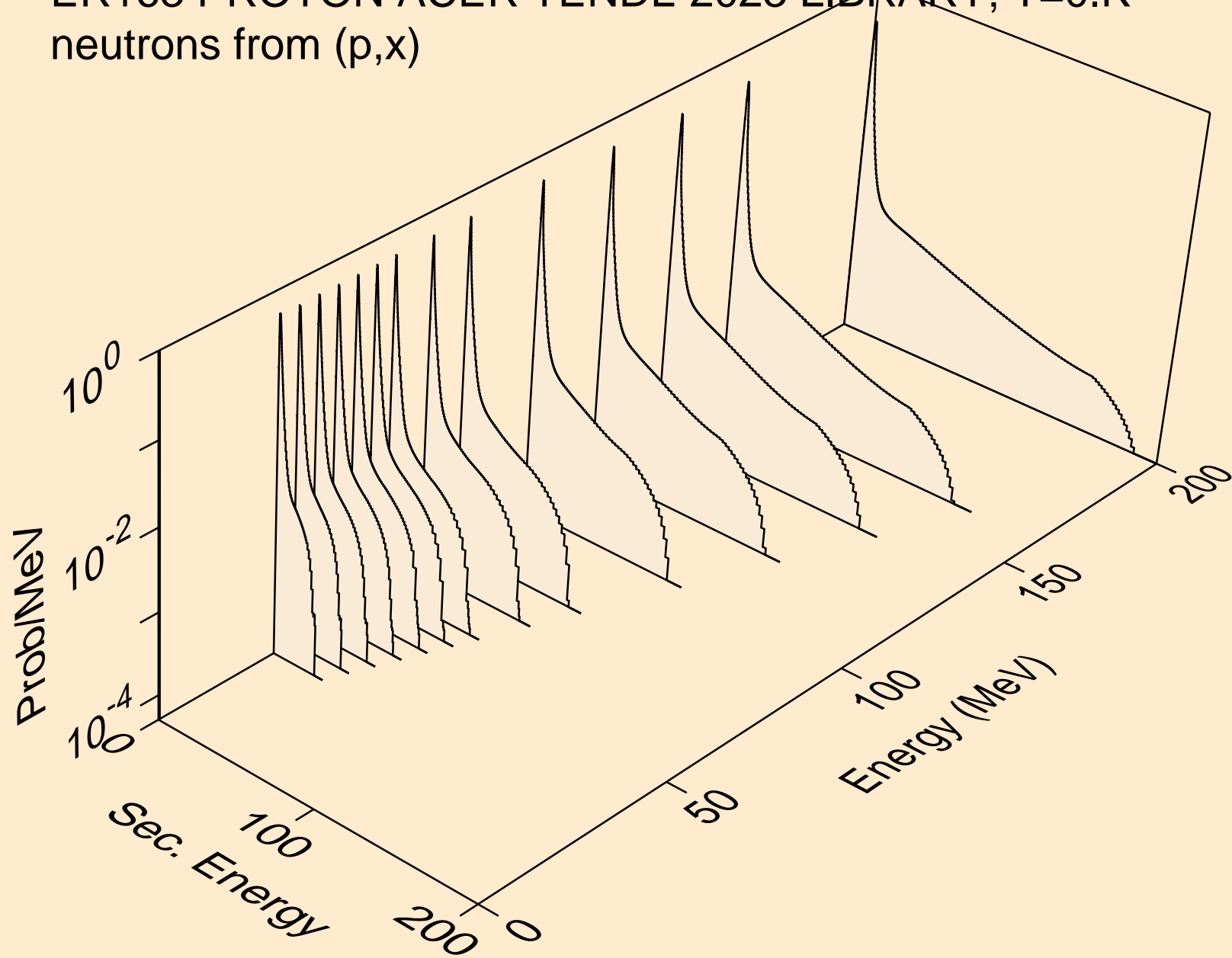
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



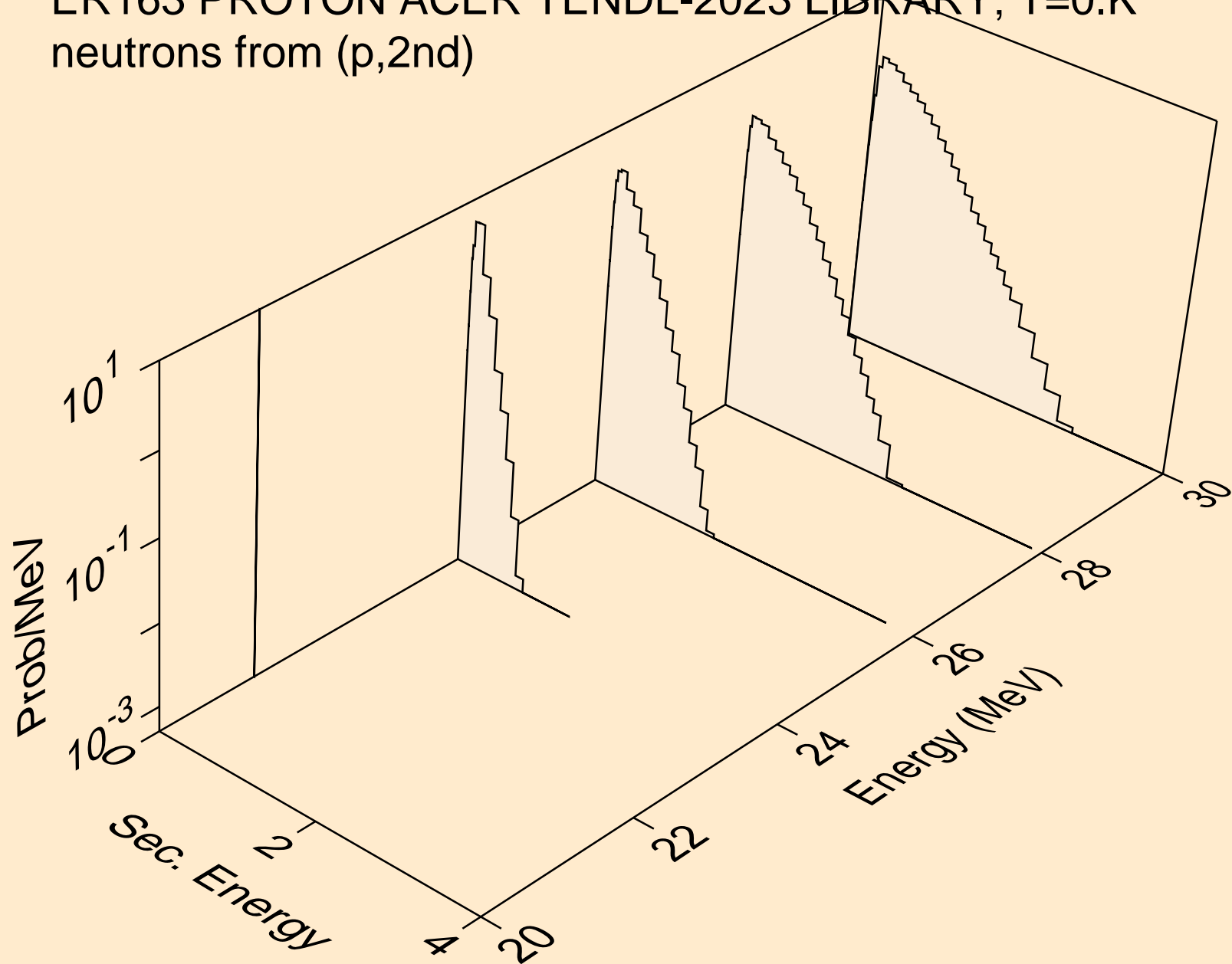
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



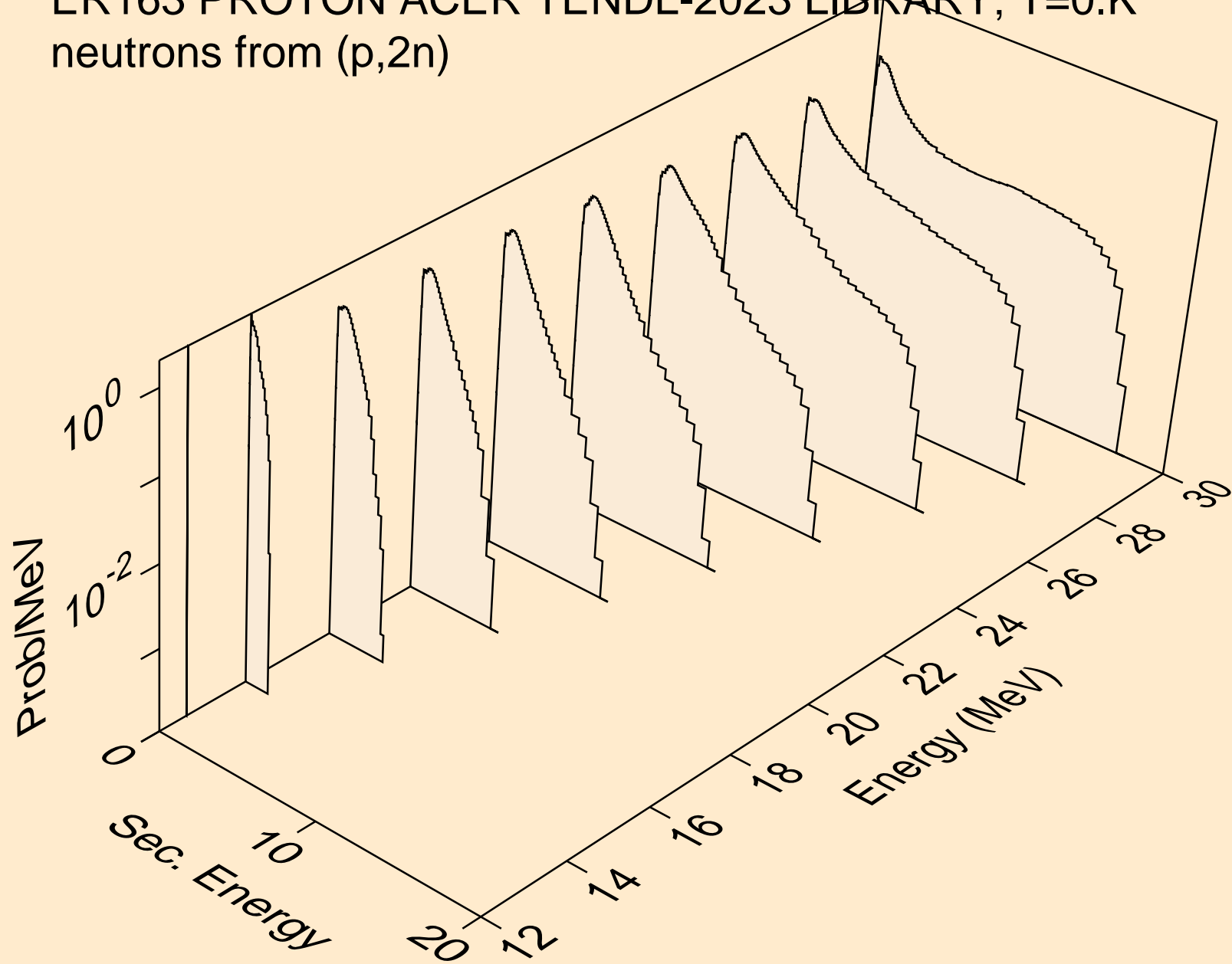
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

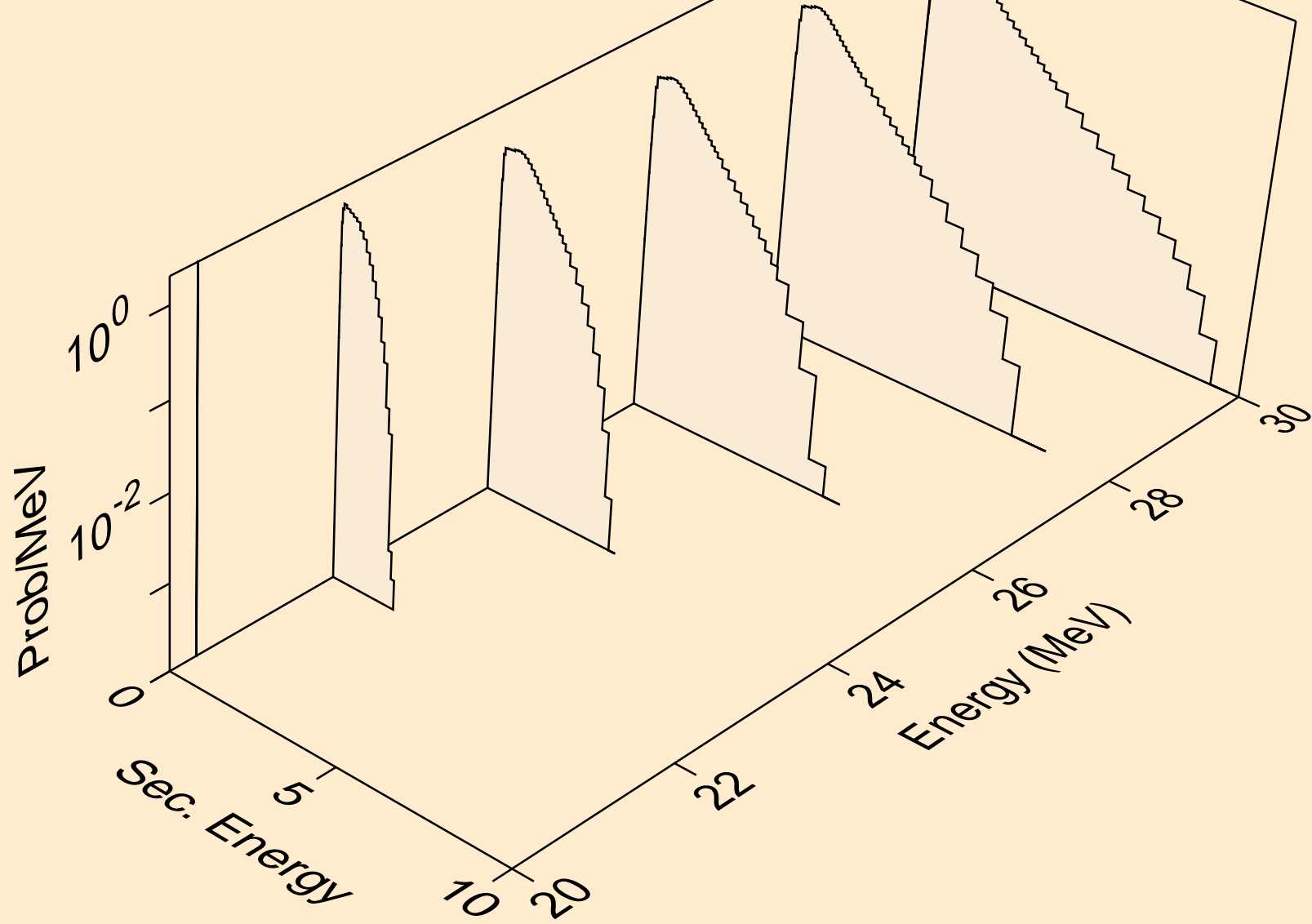


ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

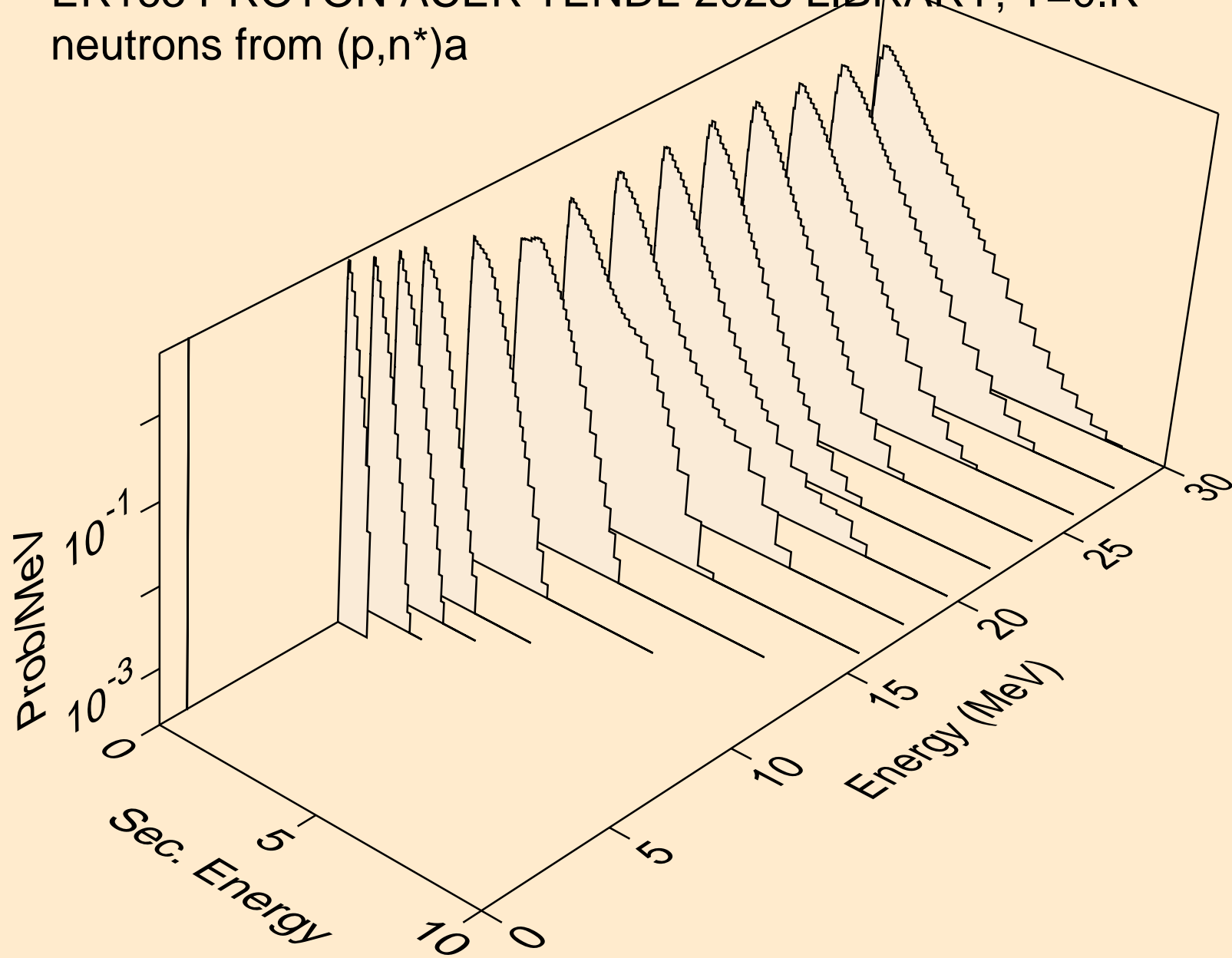




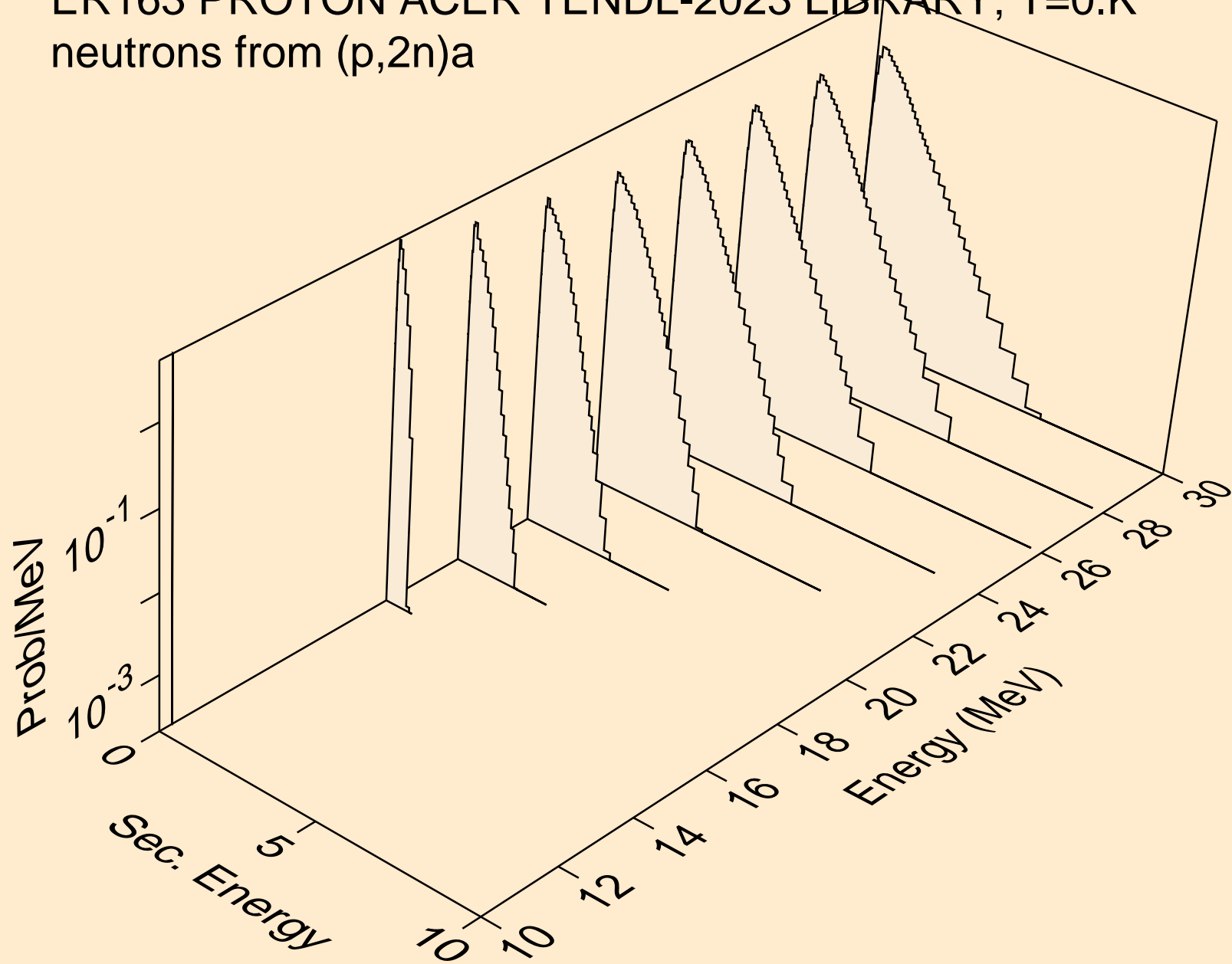
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



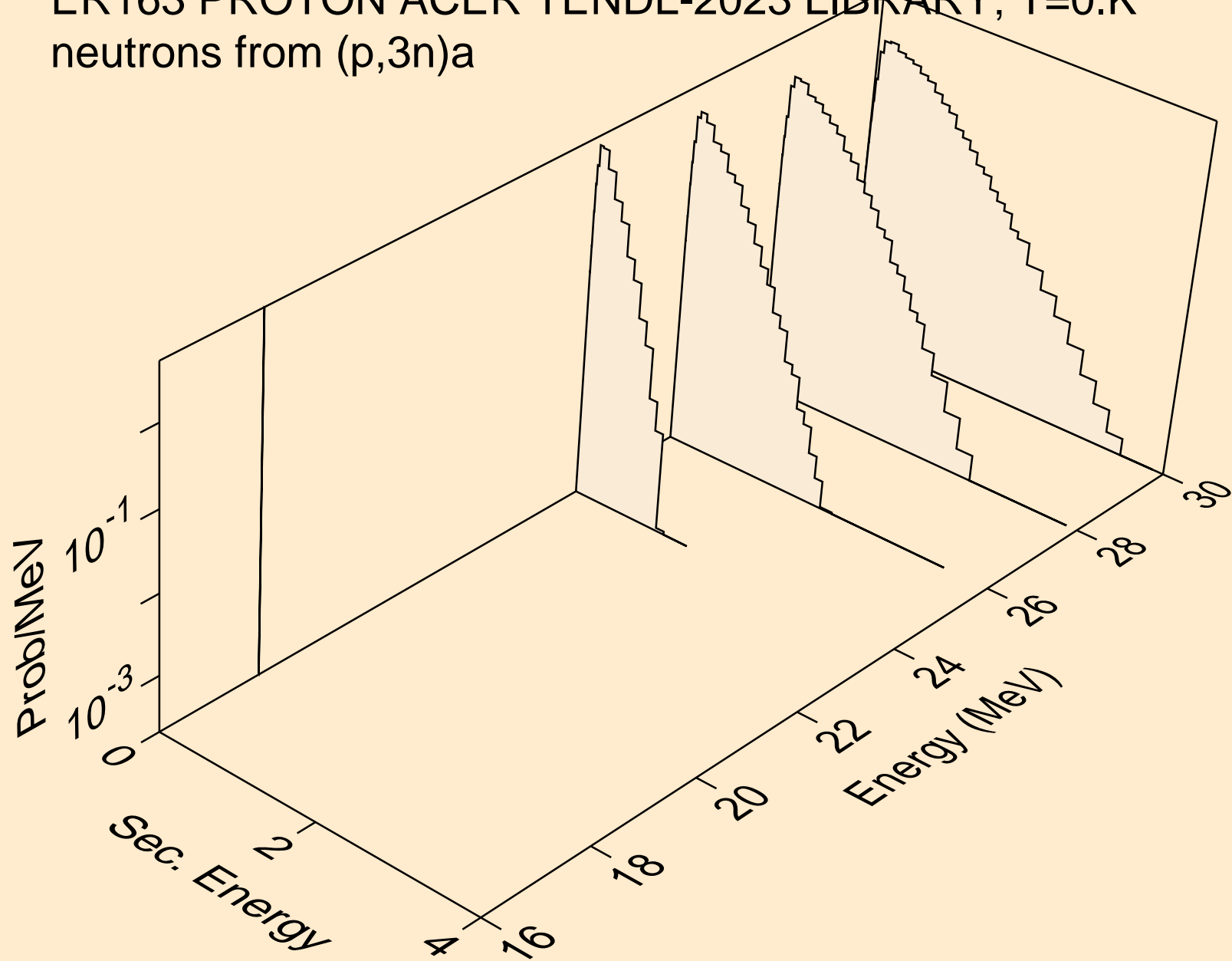
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



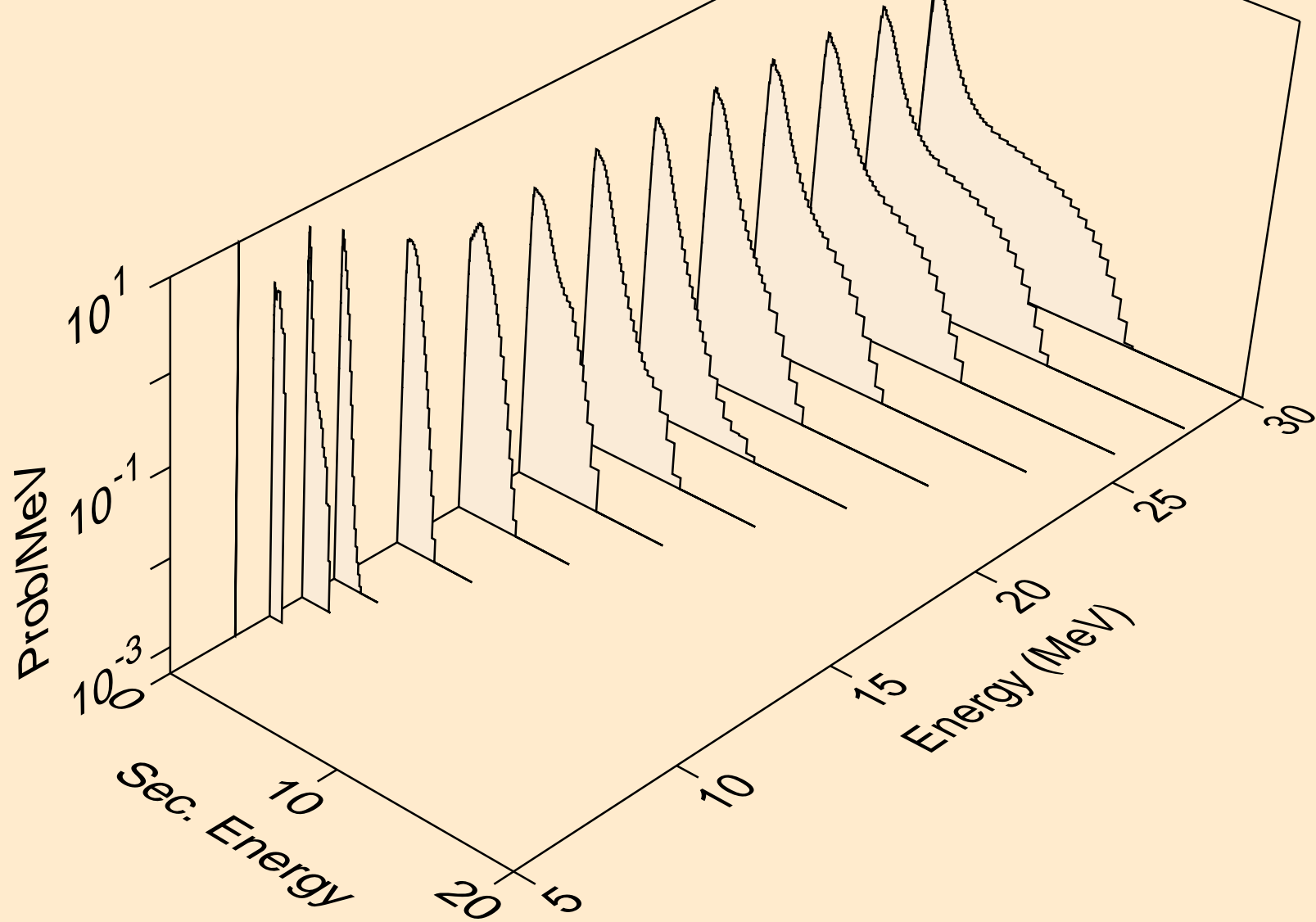
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



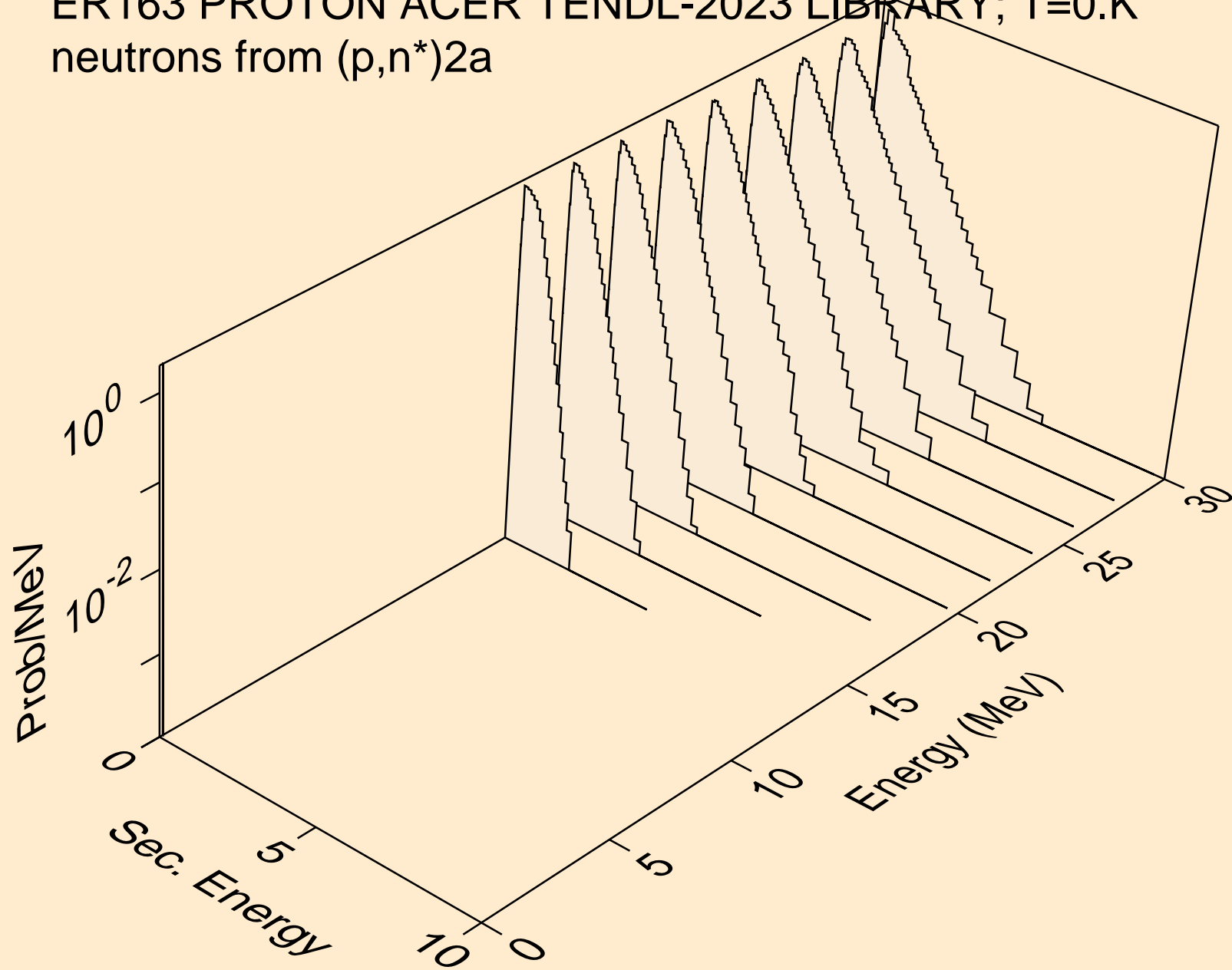
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



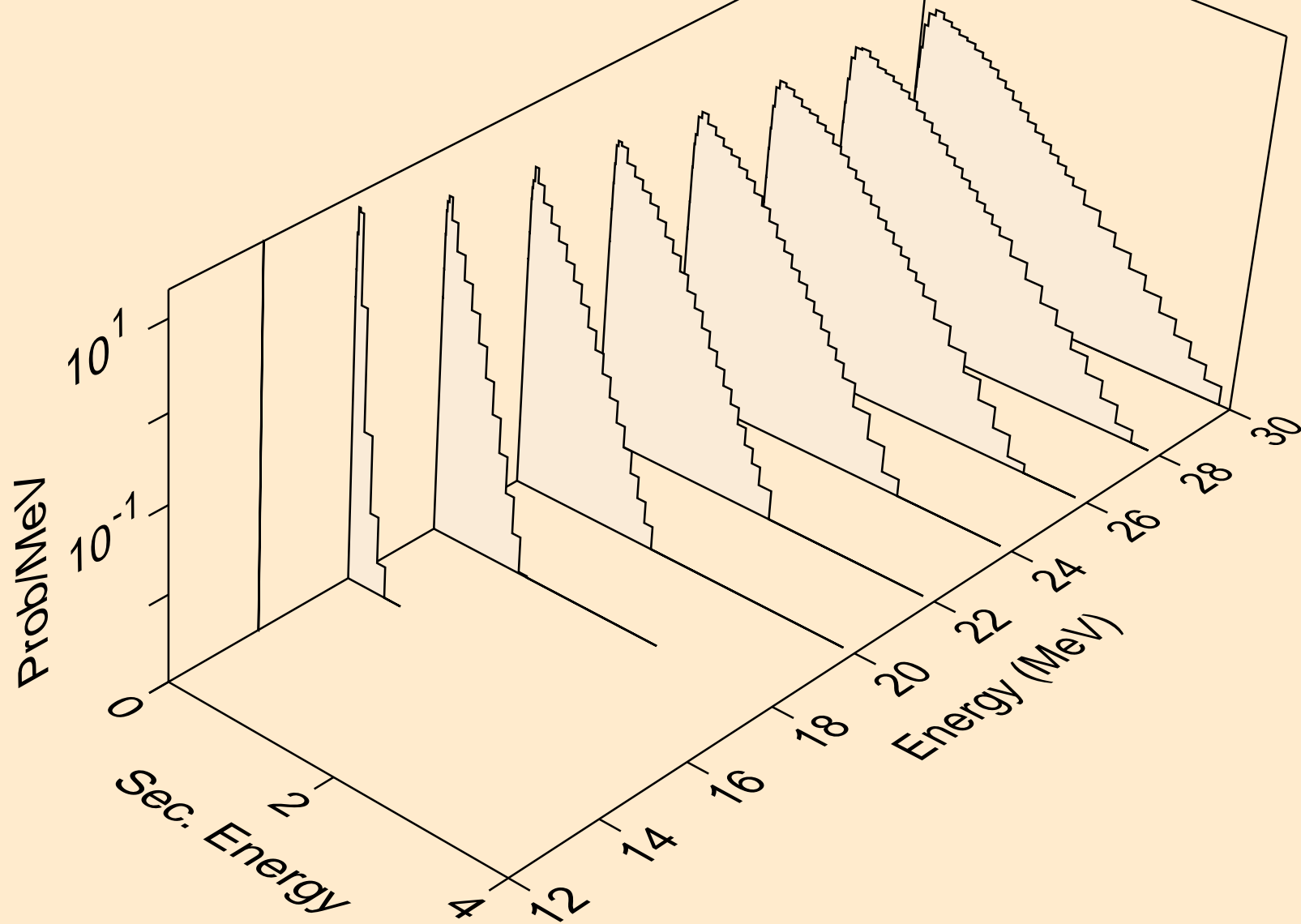
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



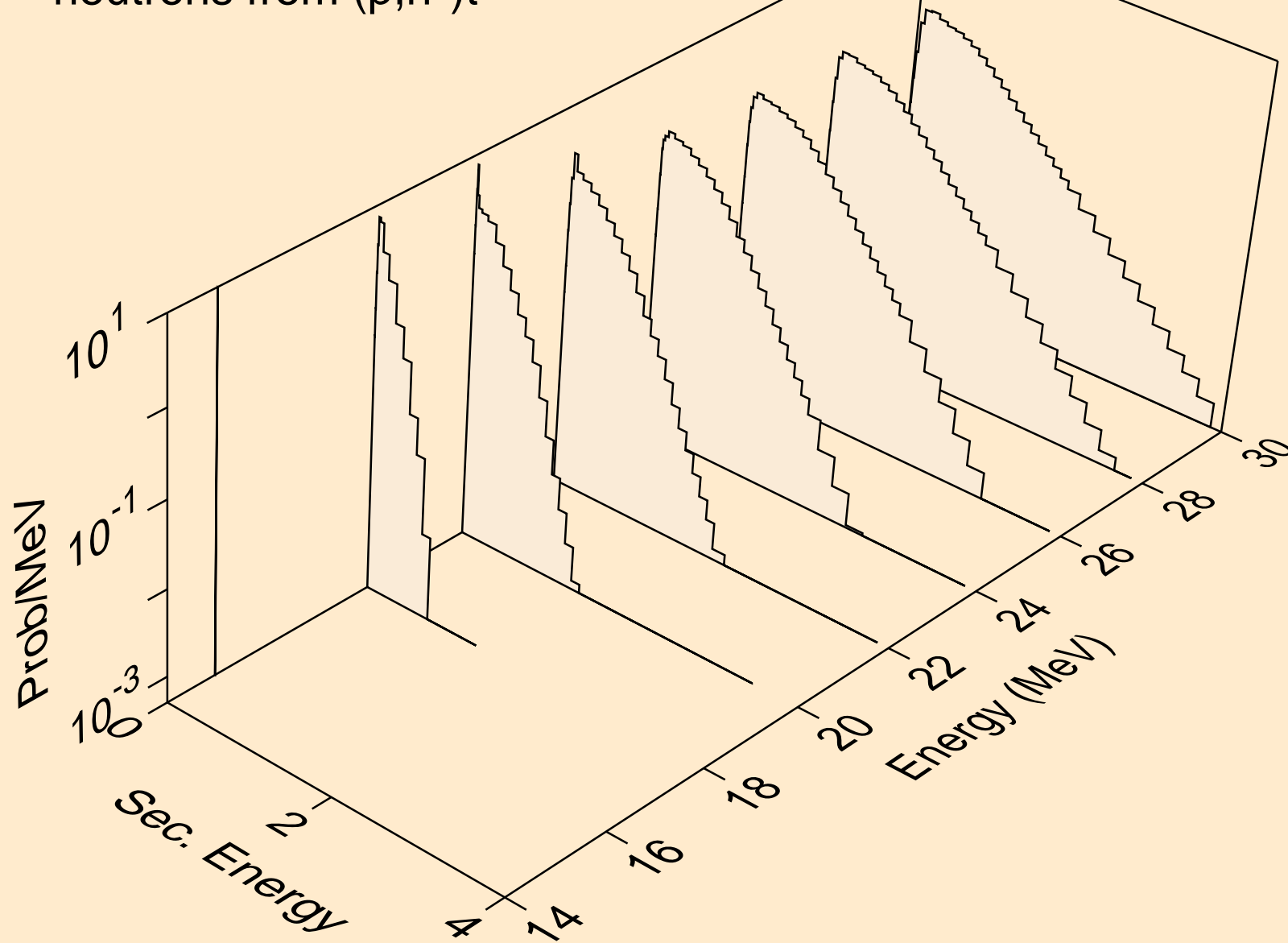
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

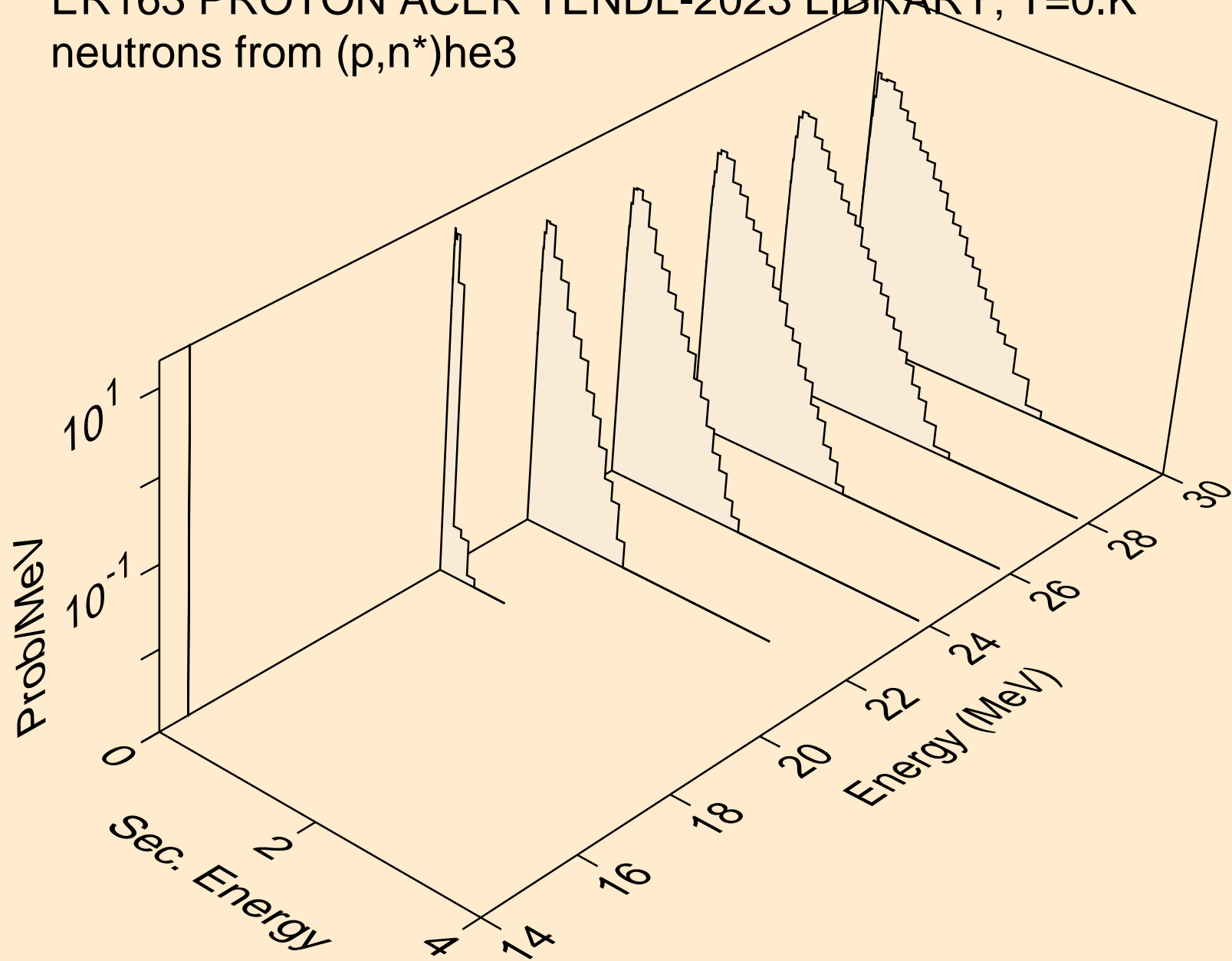


ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

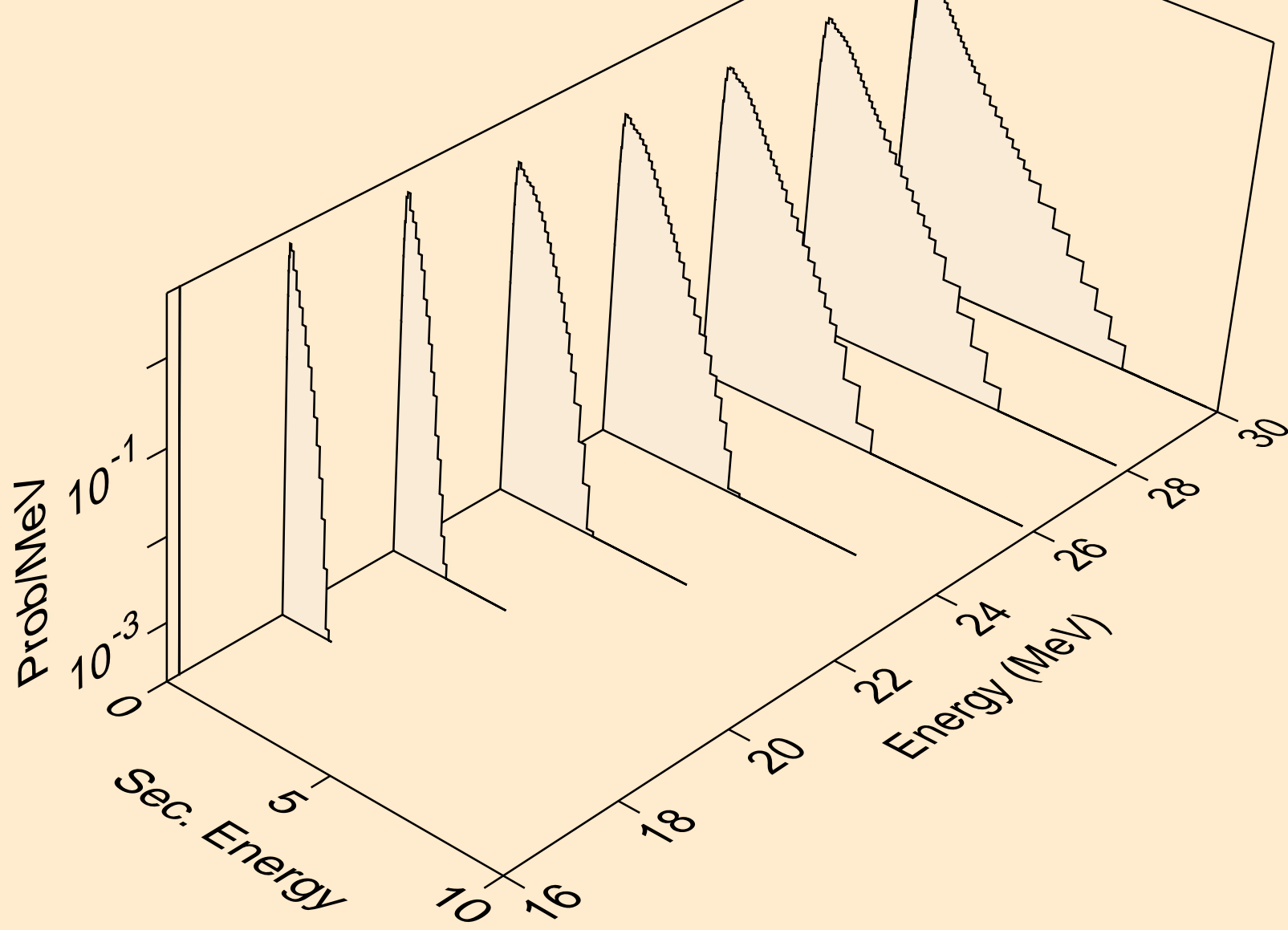




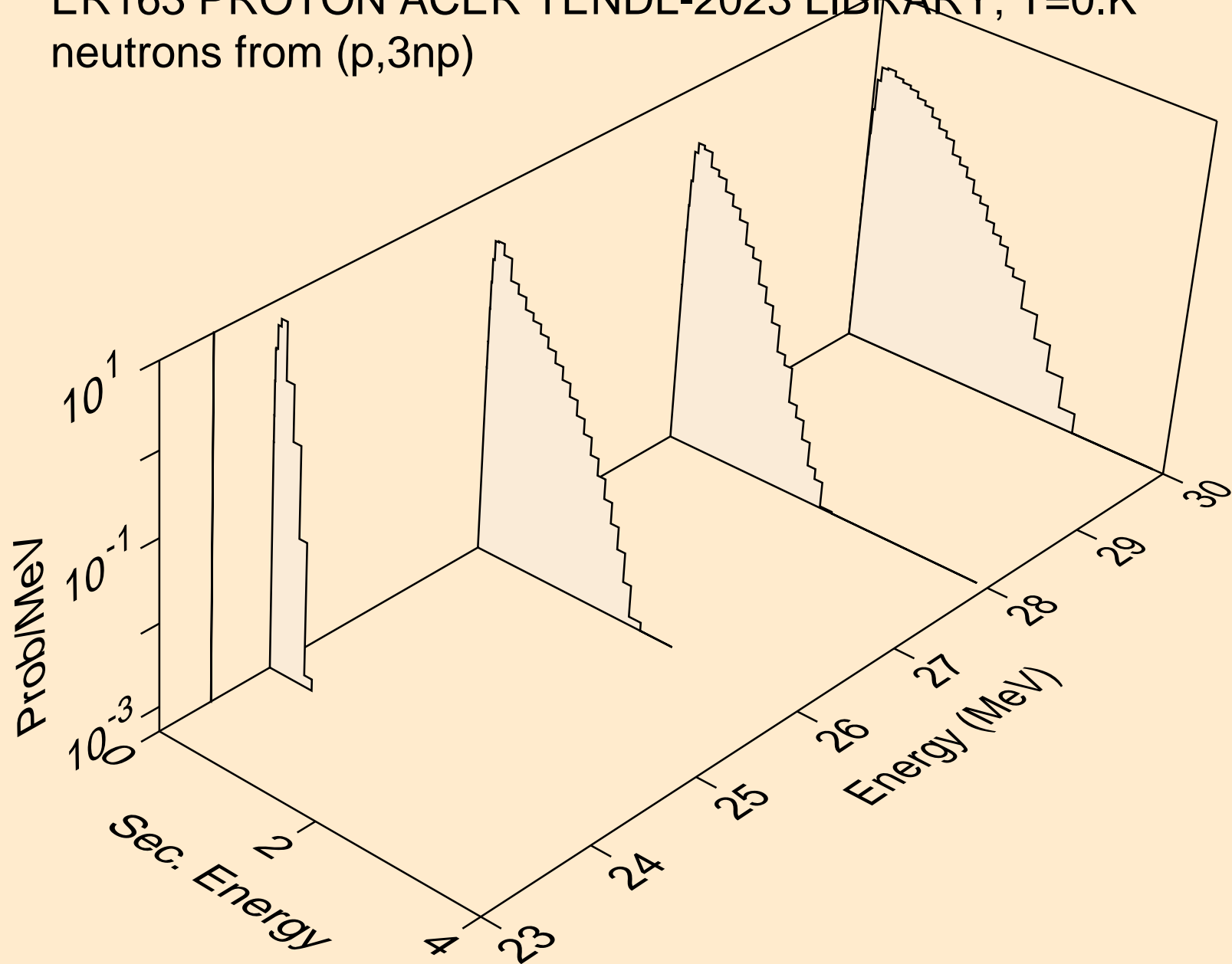
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



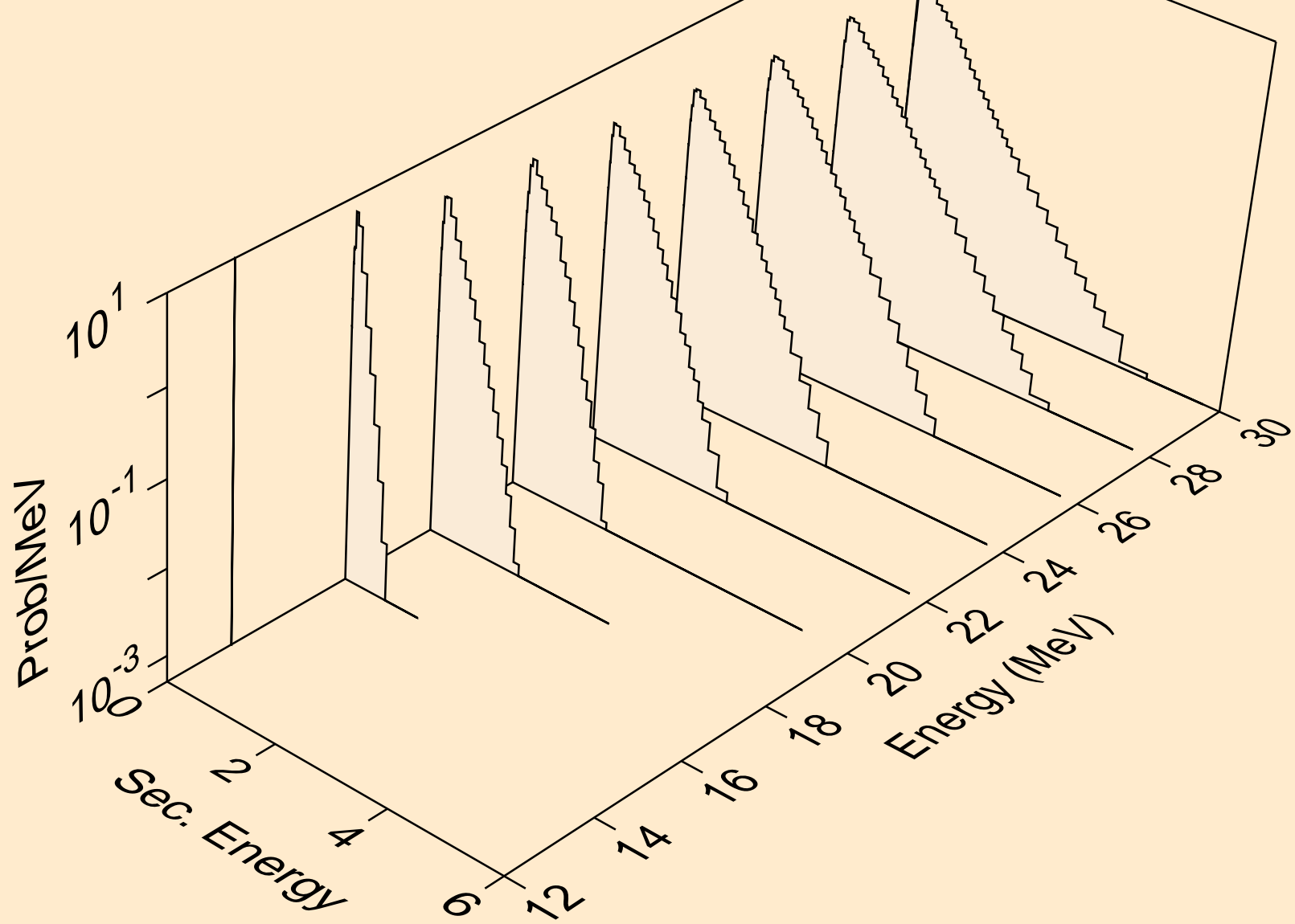
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



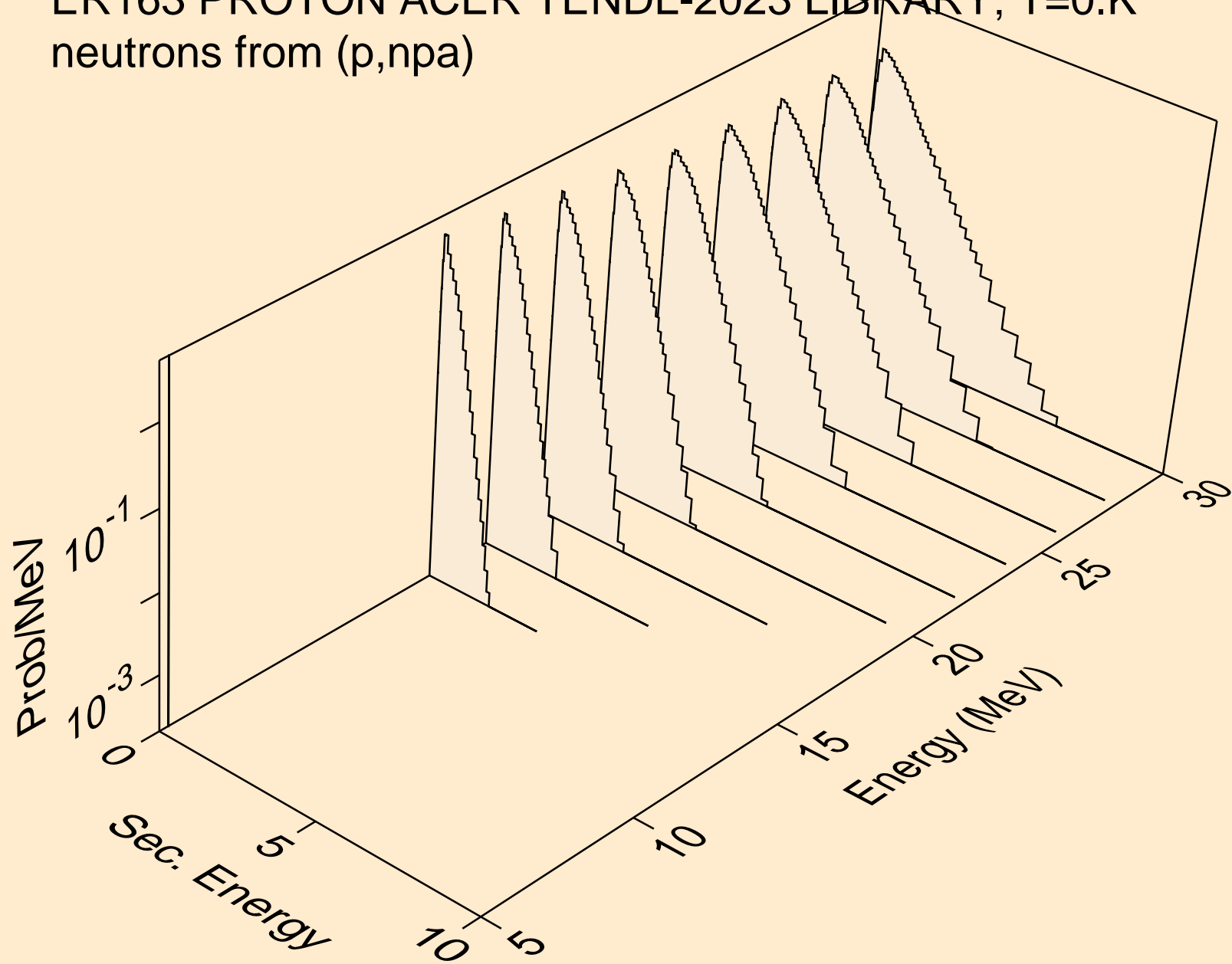
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



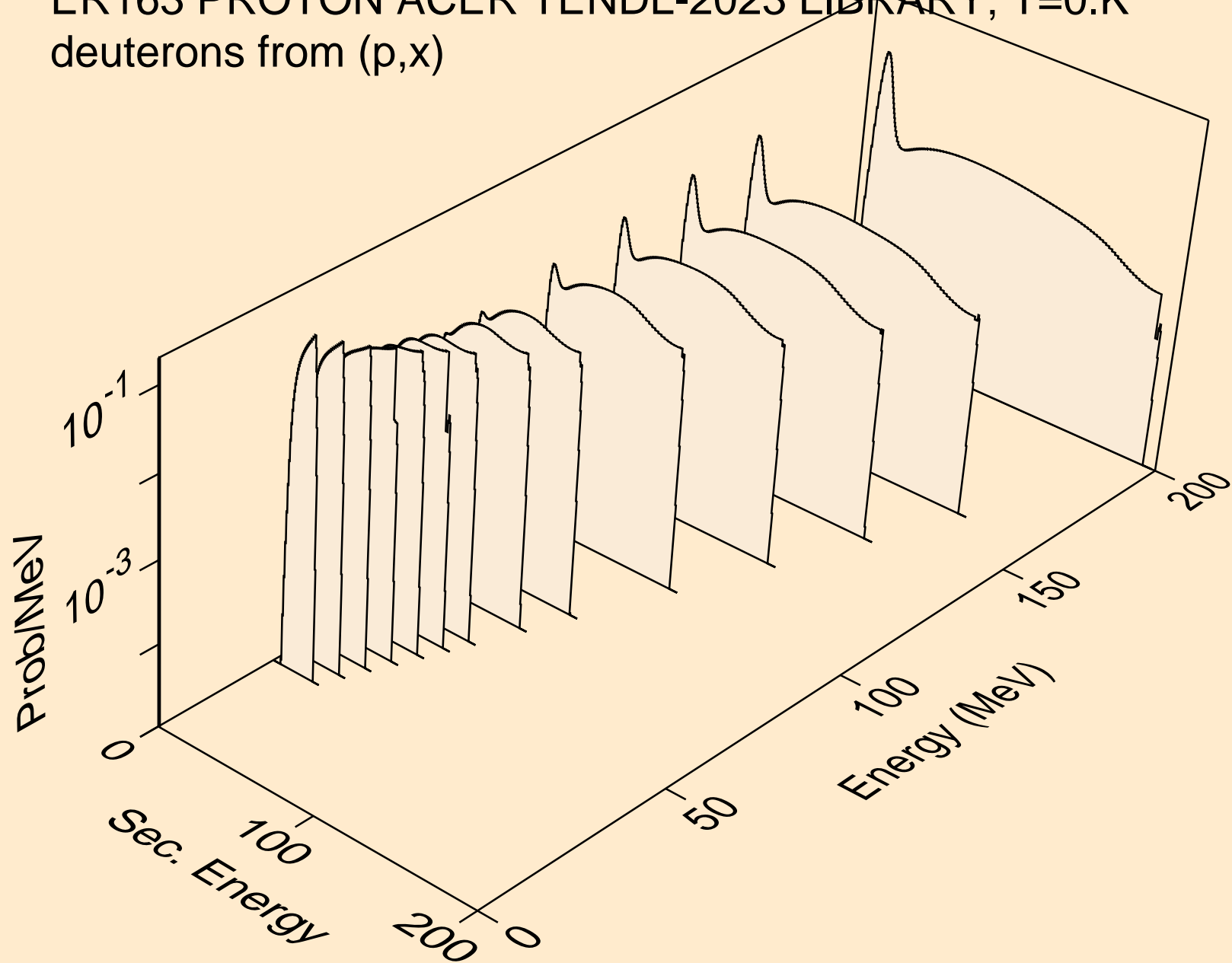
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



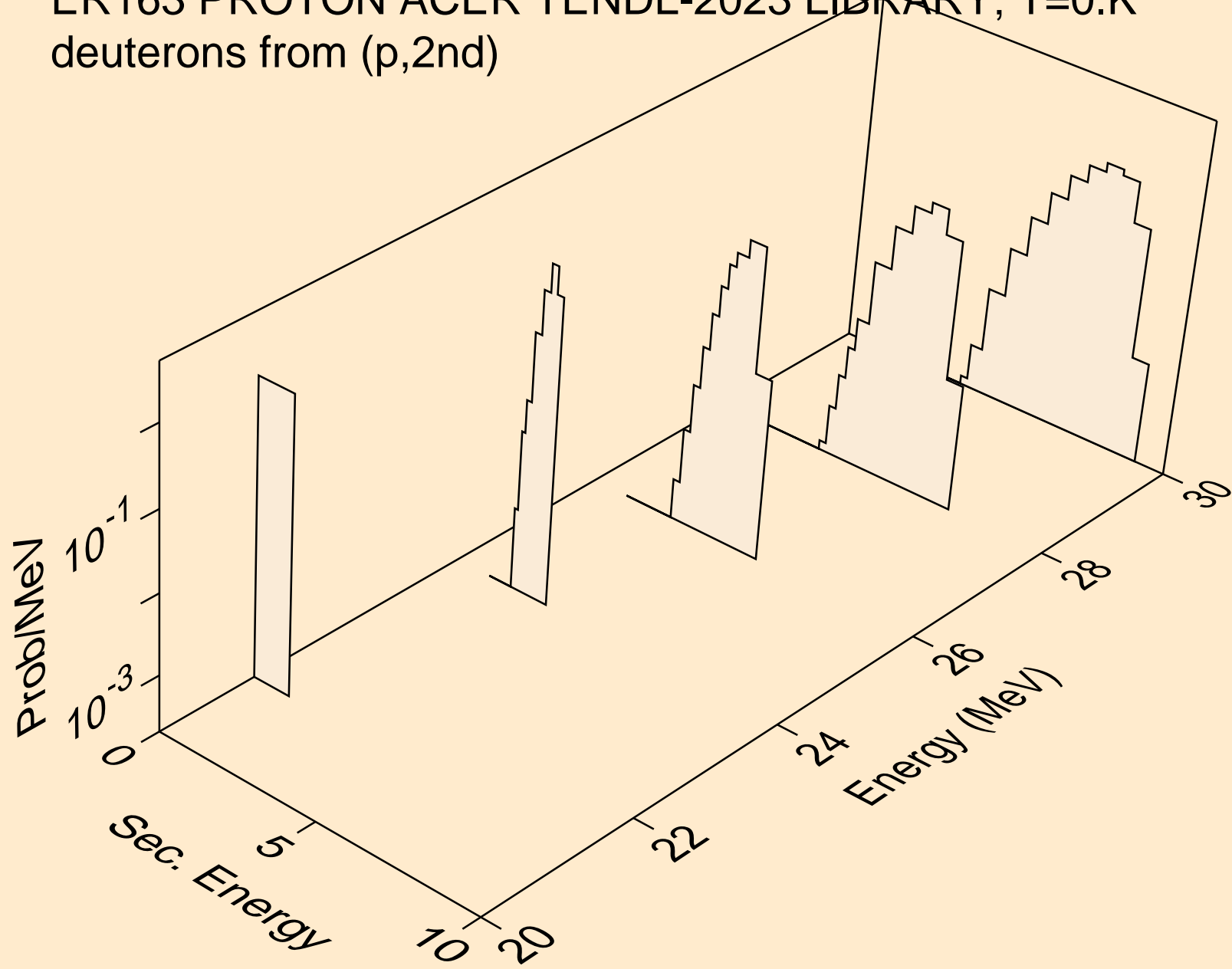
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



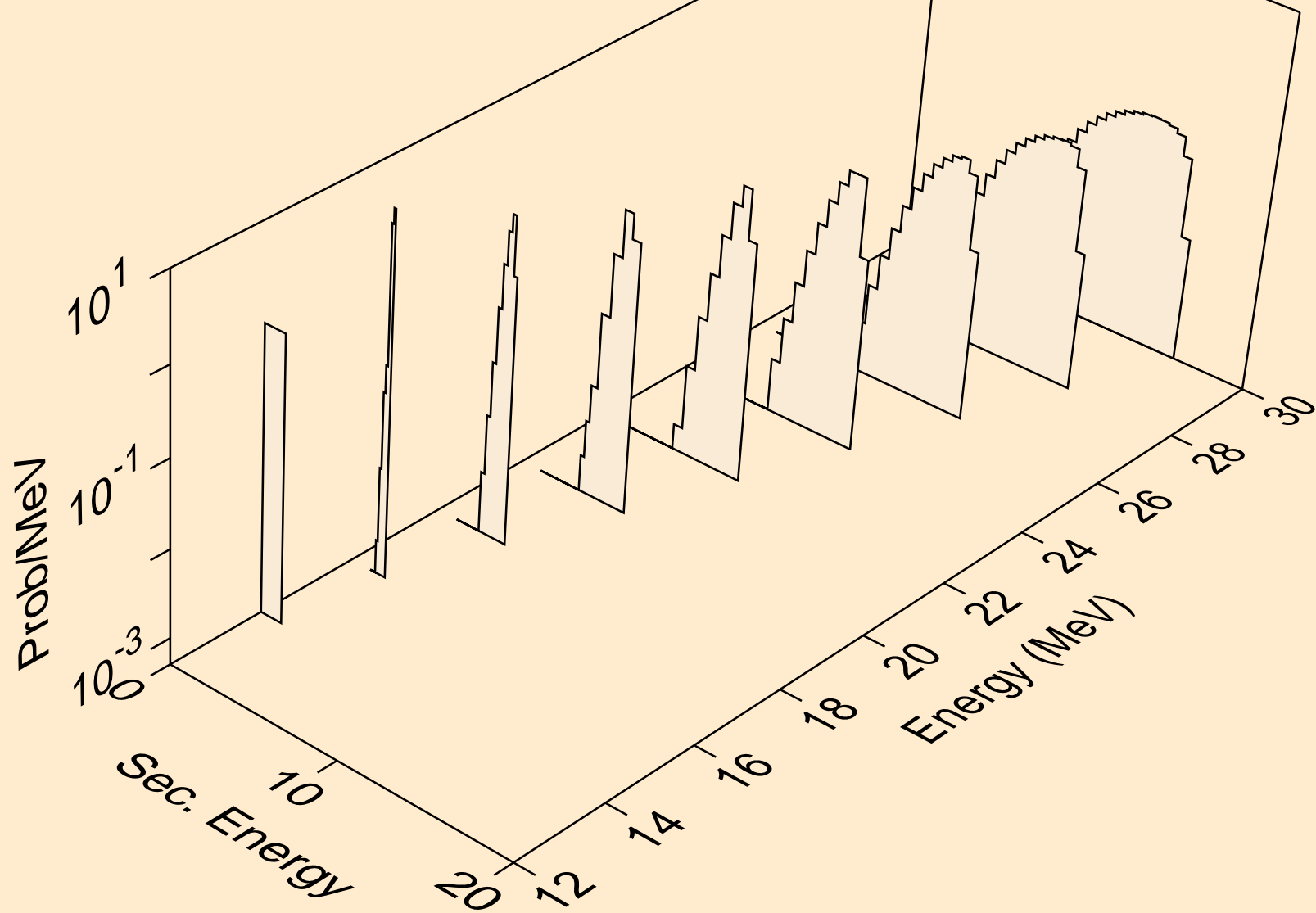
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

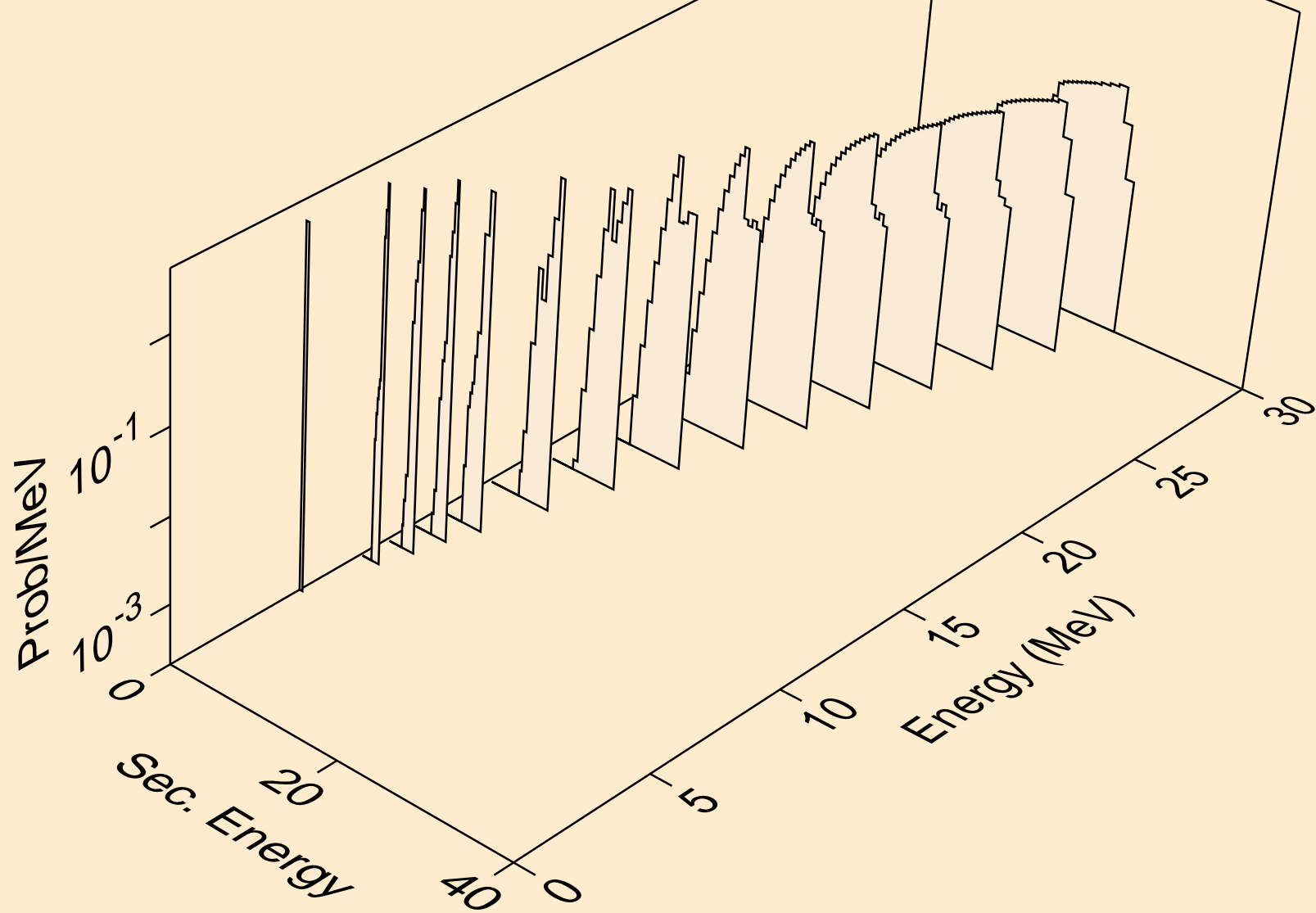


ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

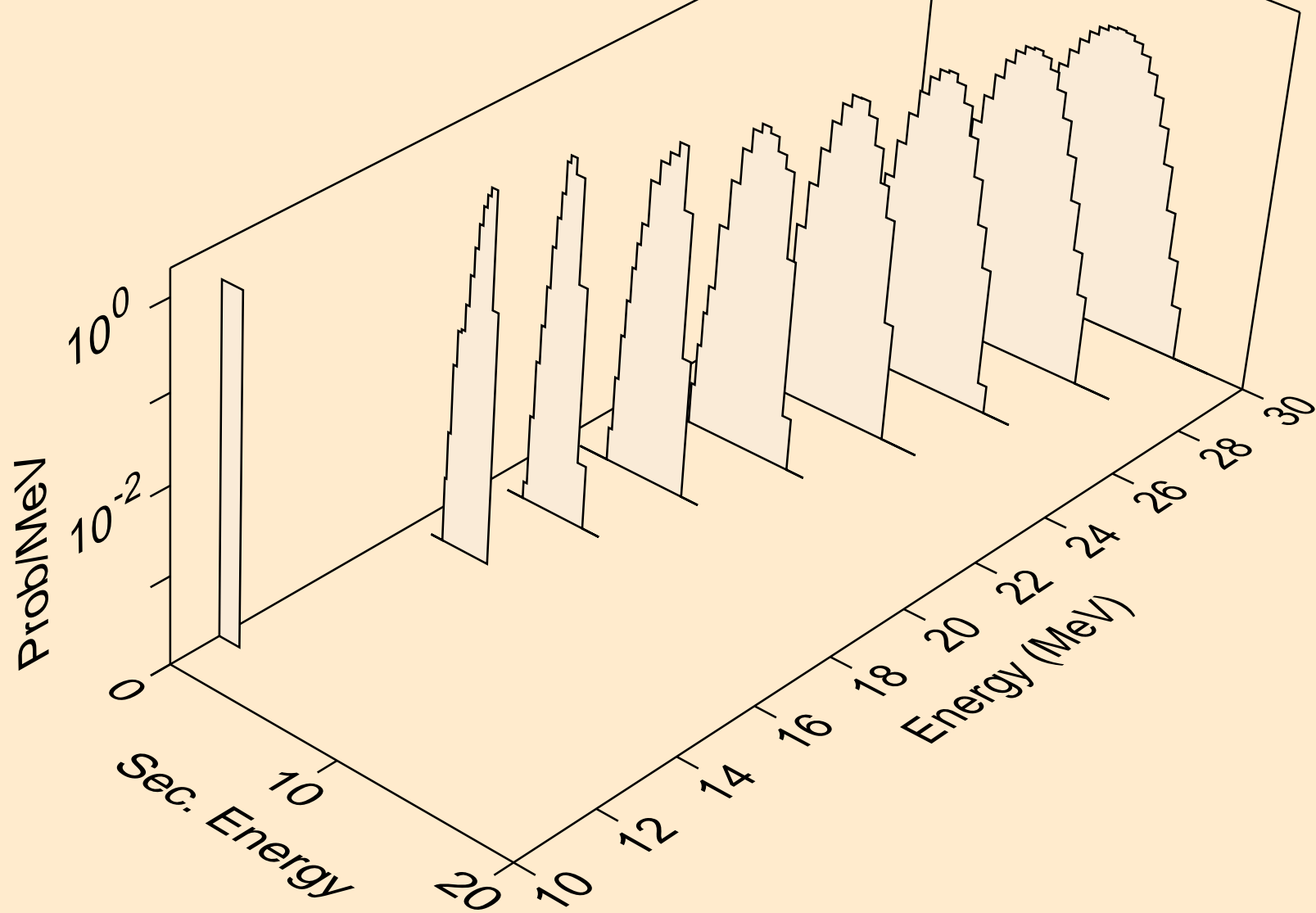




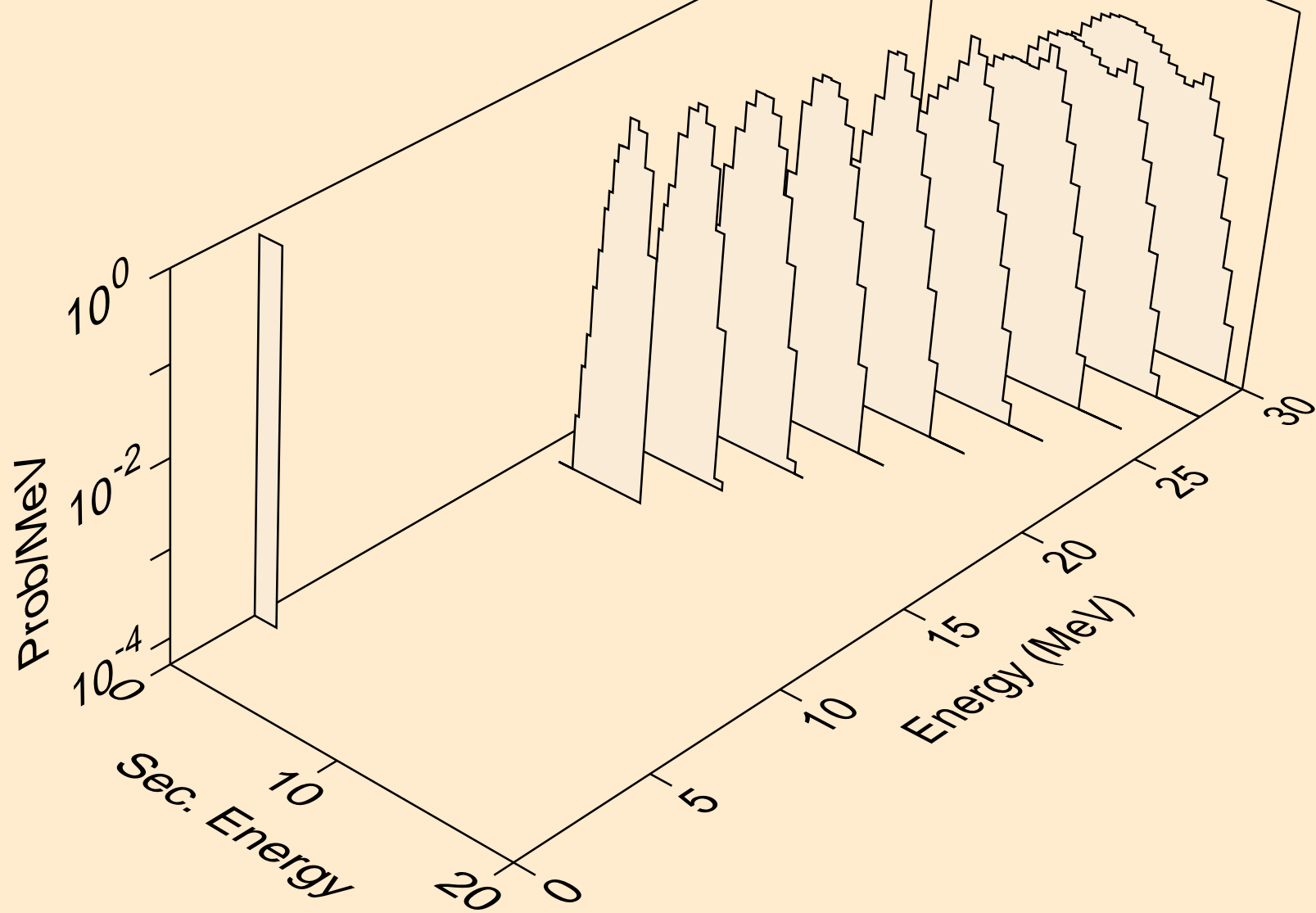
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



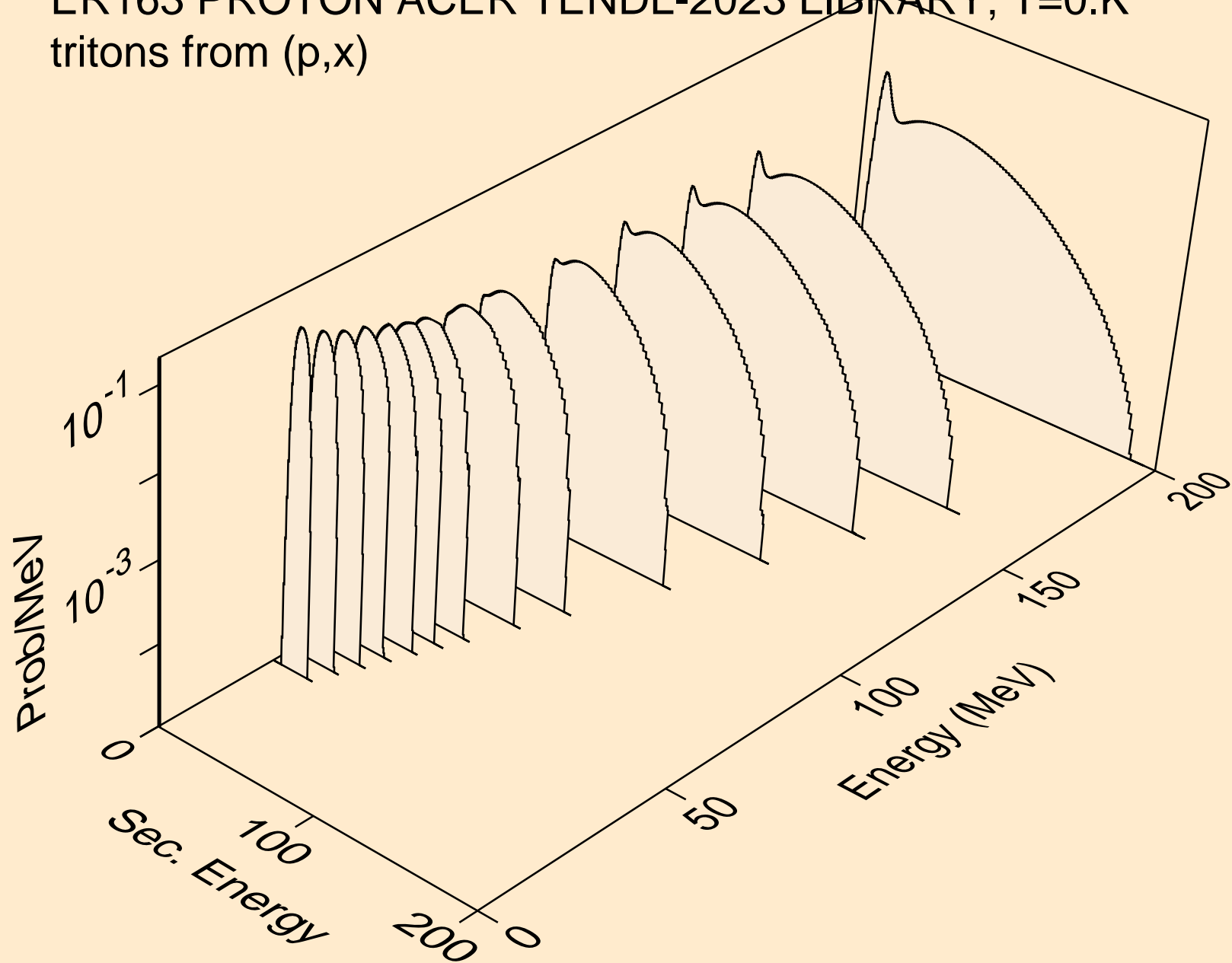
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)

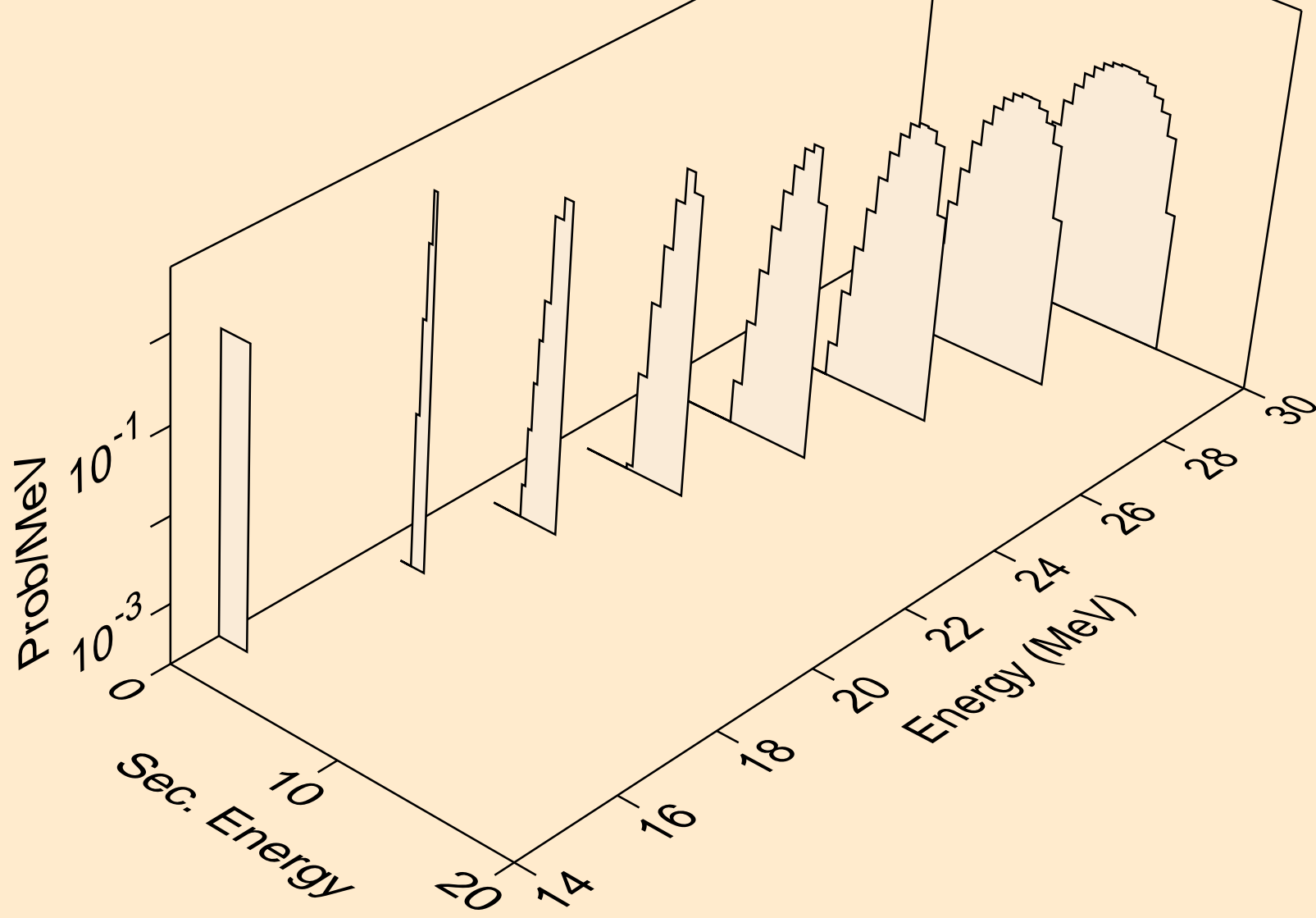


ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

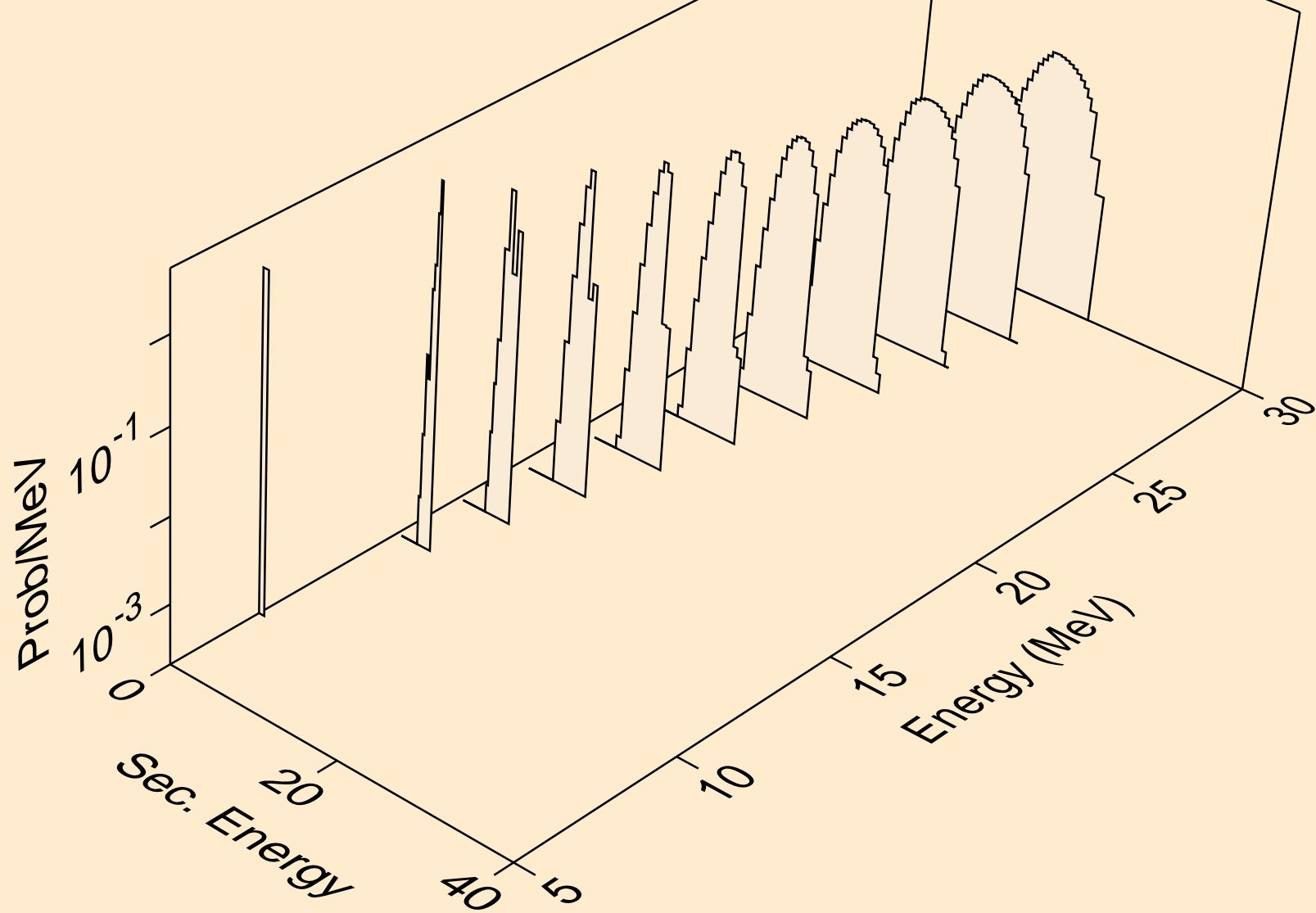


# ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K

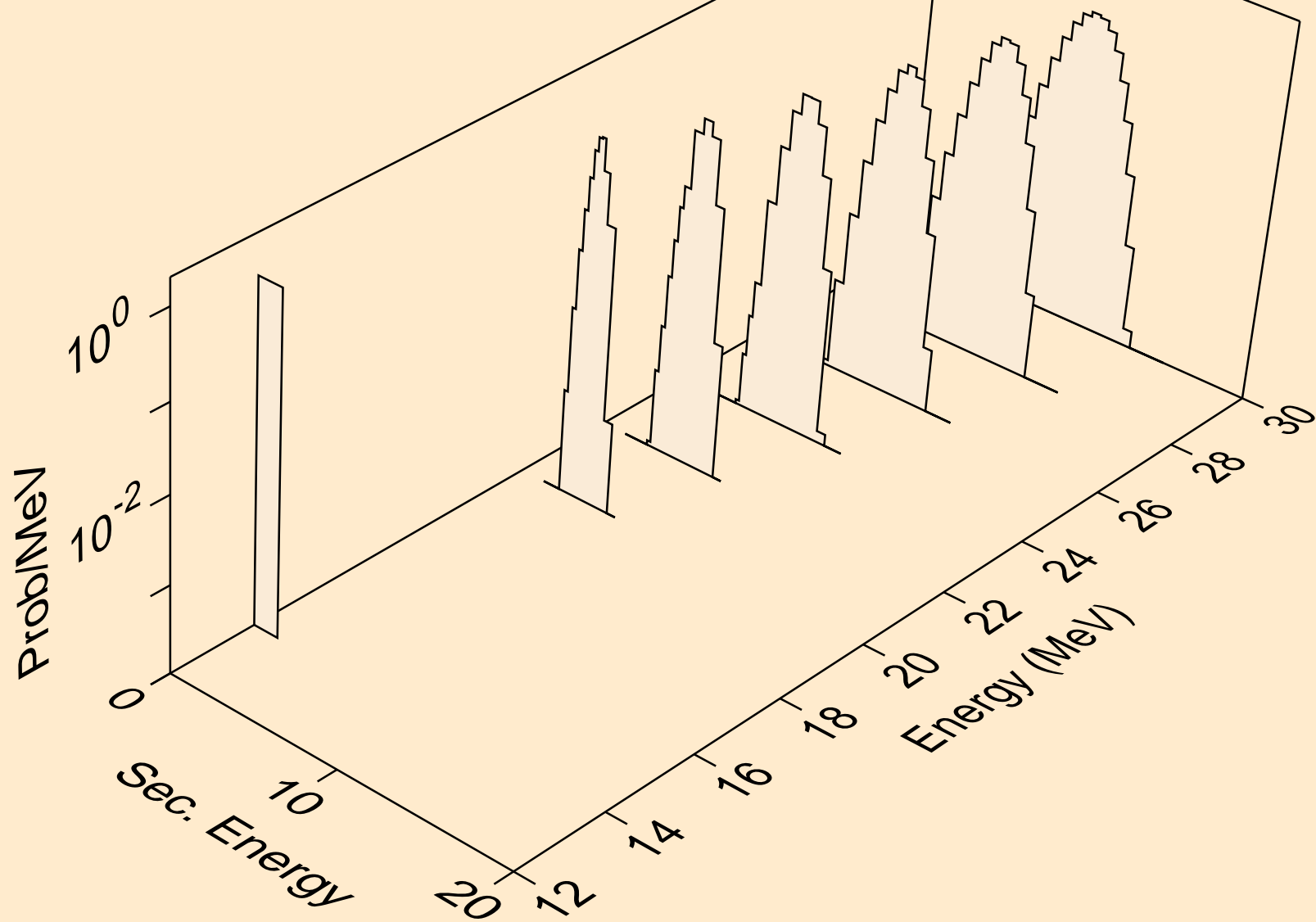
tritons from (p,n\*)t



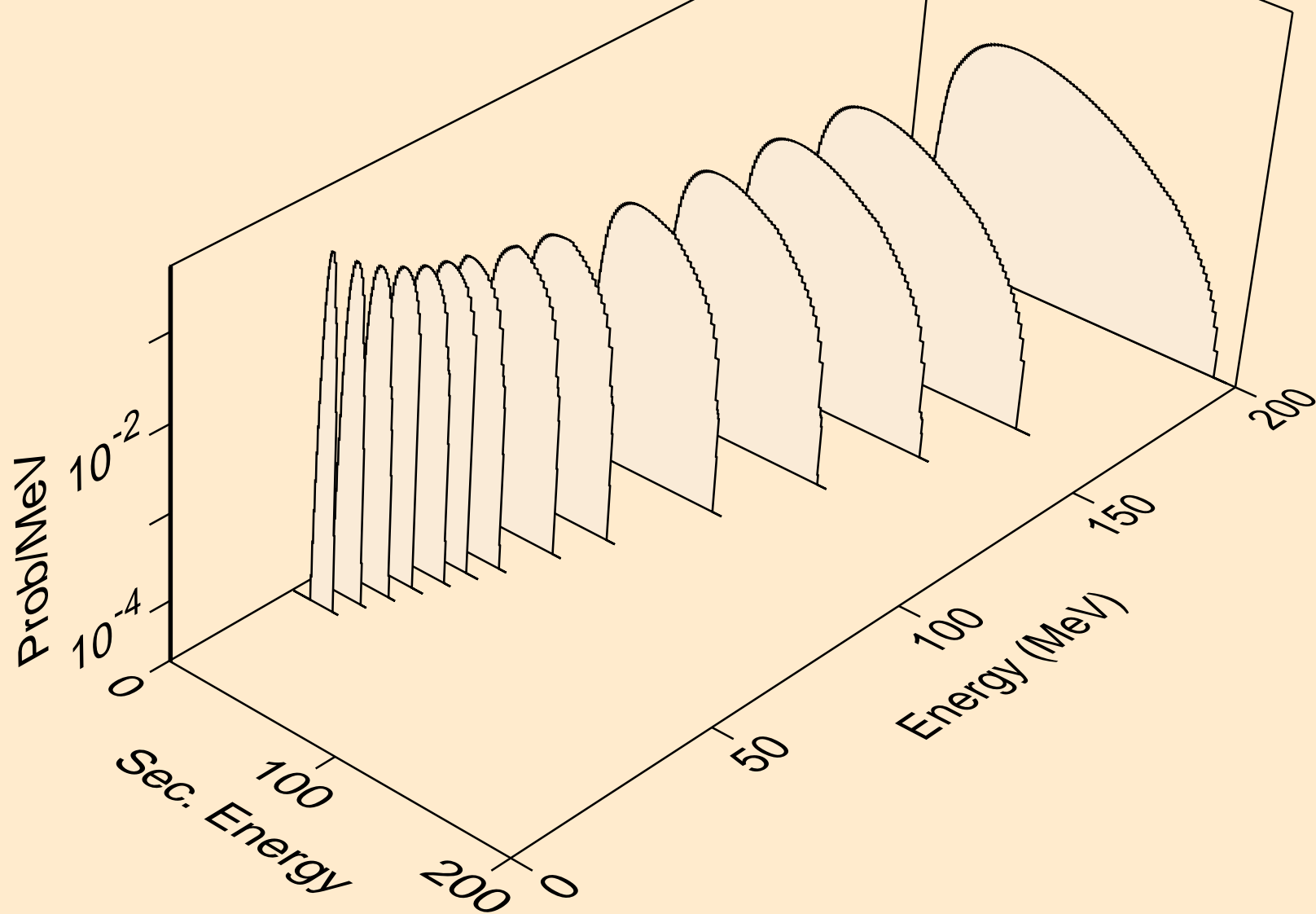
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)

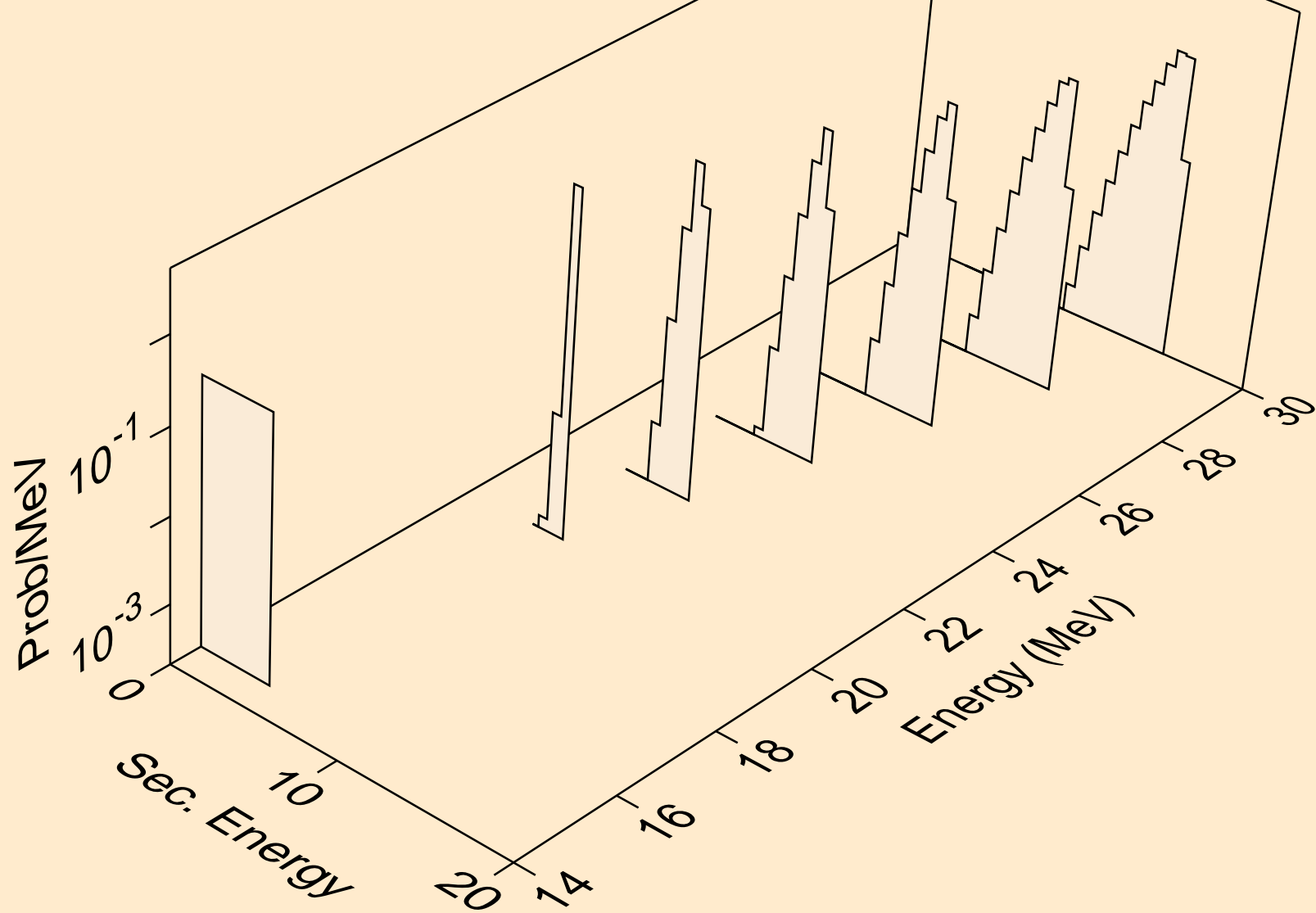


ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

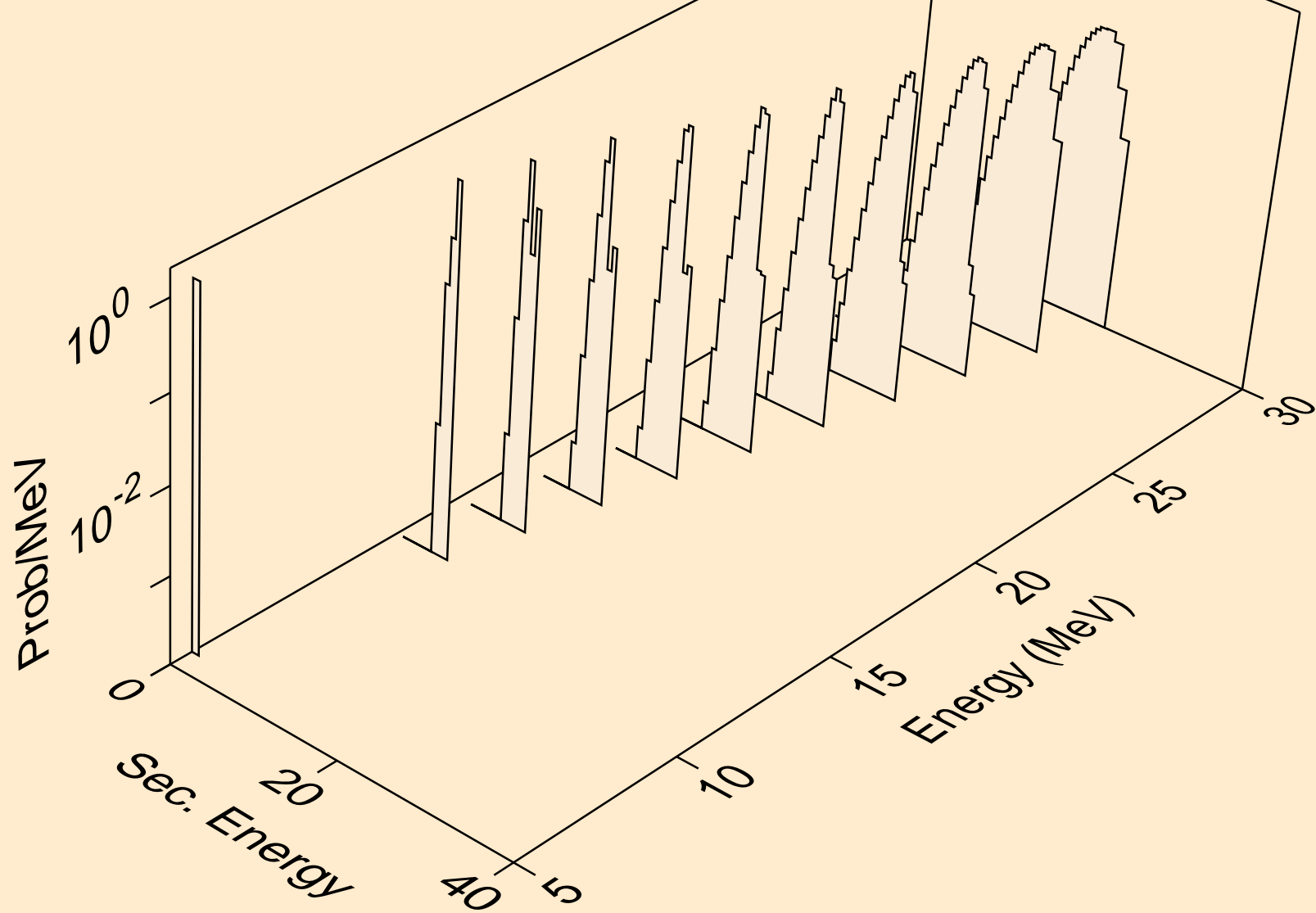




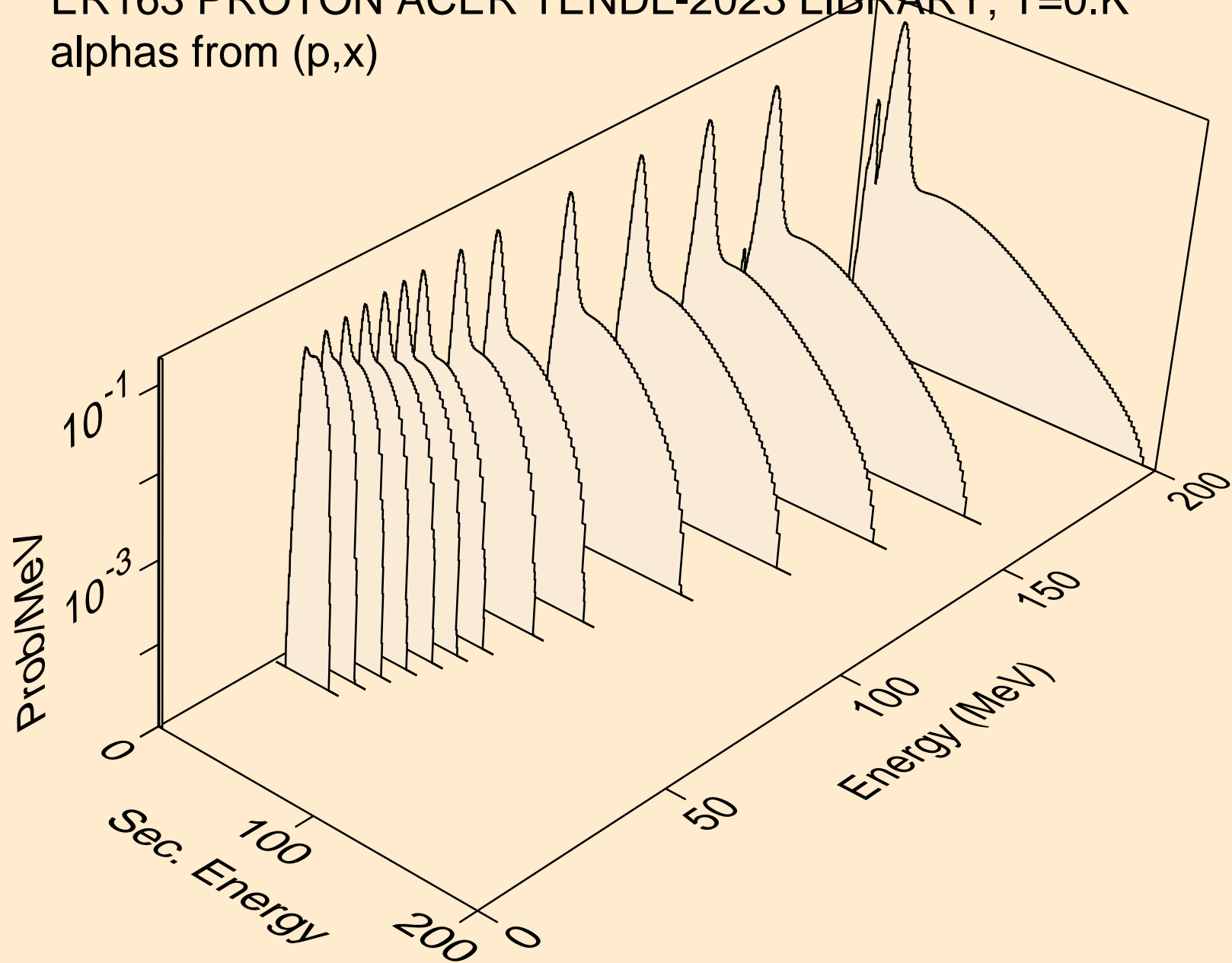
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



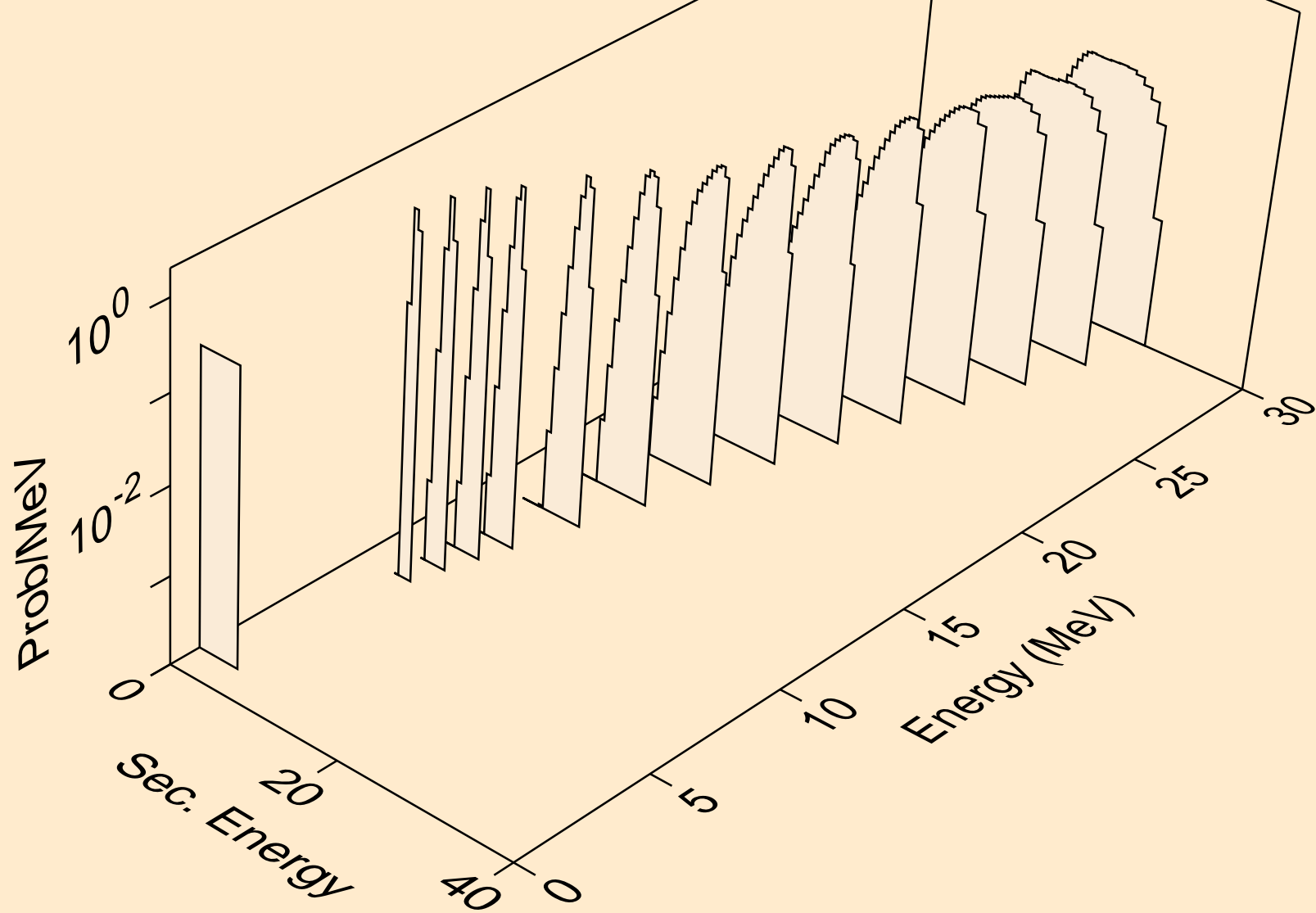
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



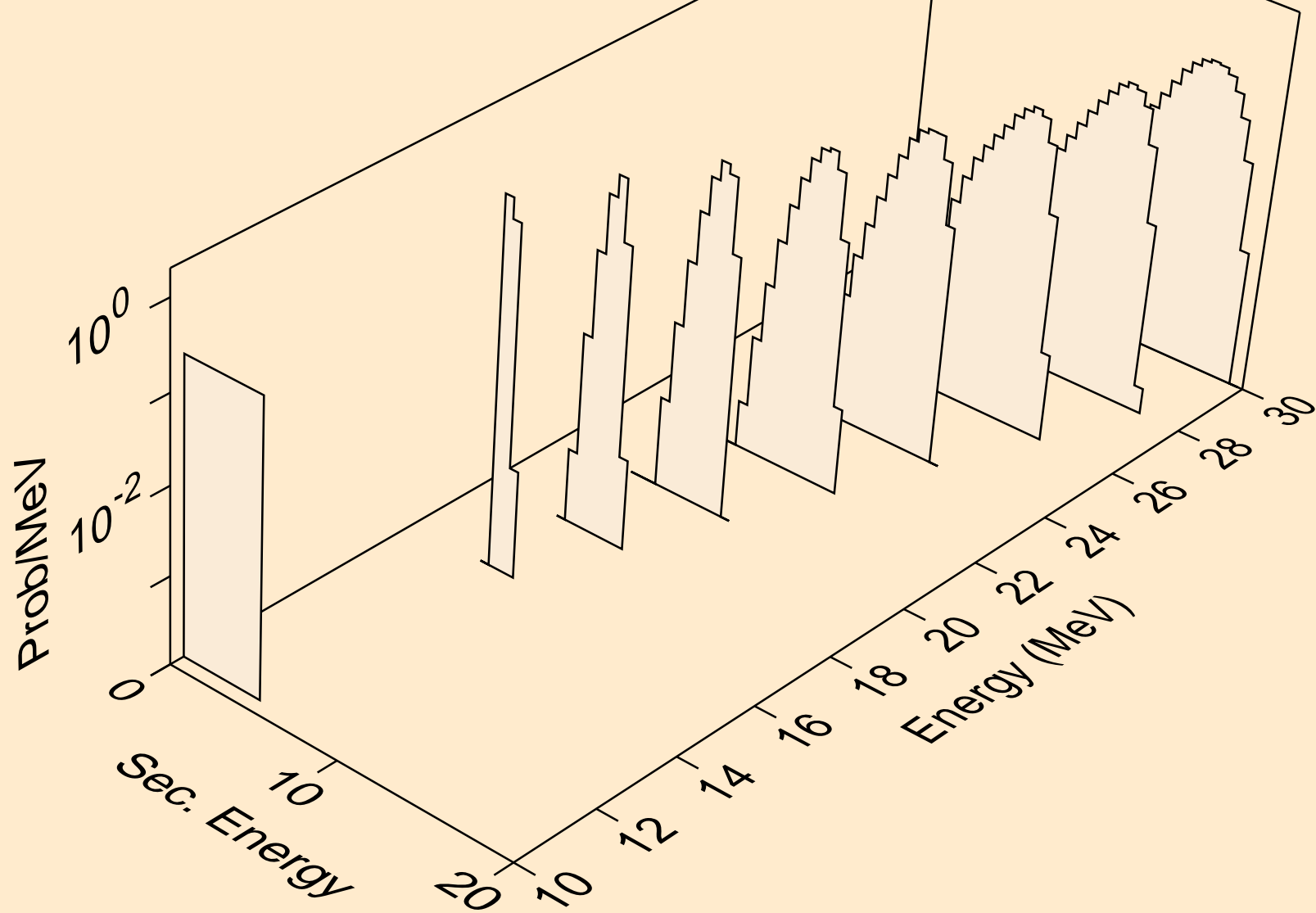
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



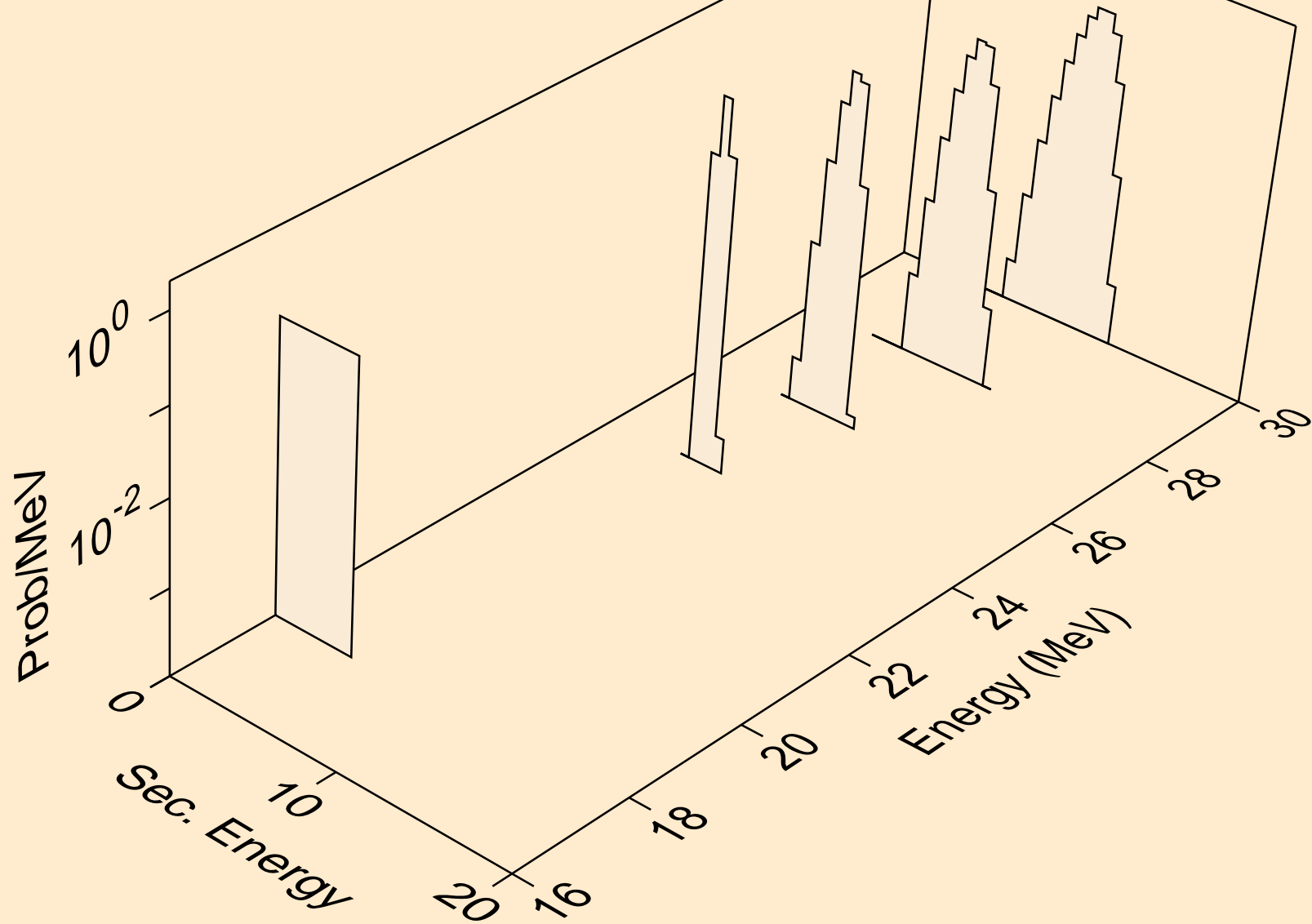
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



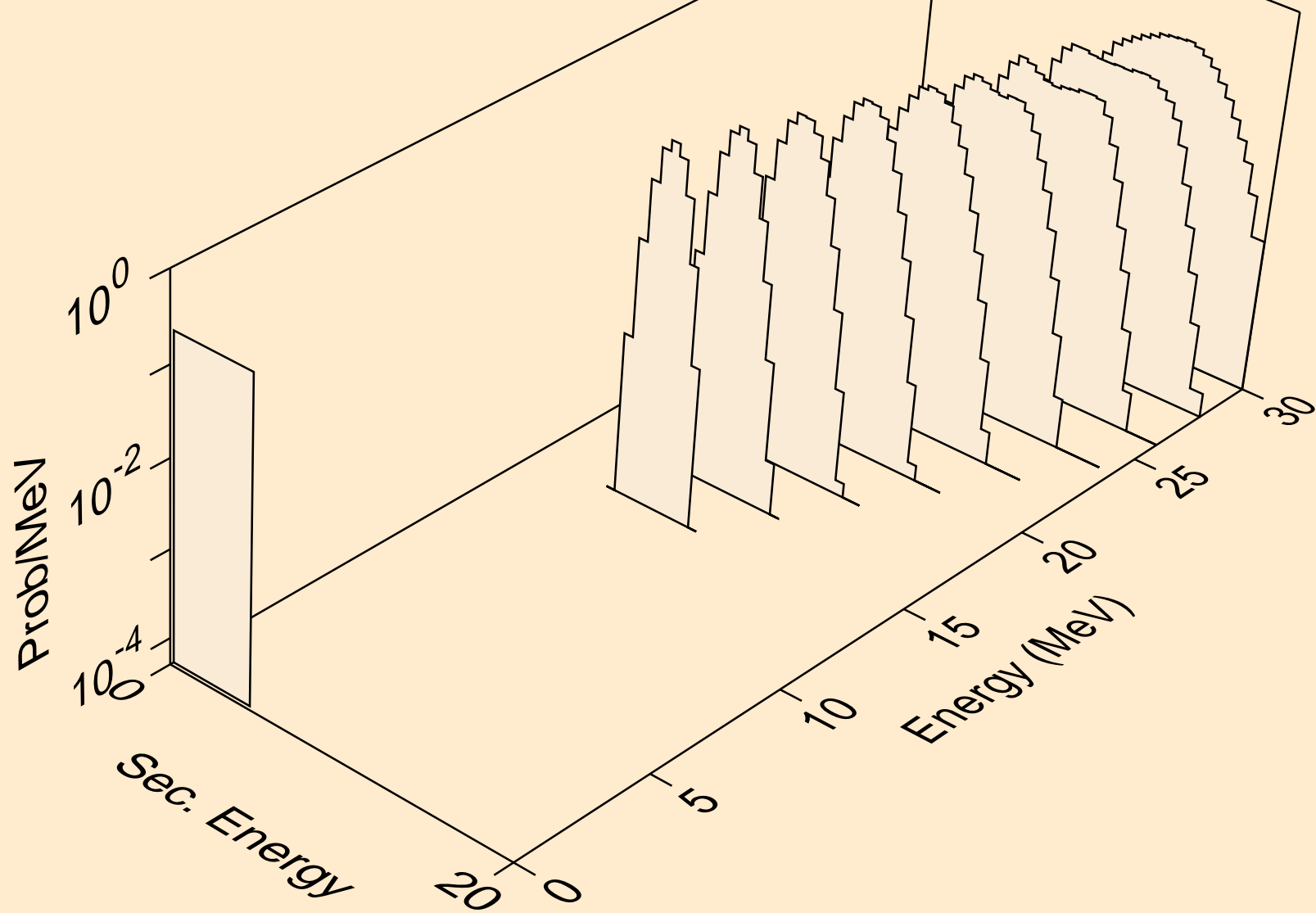
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



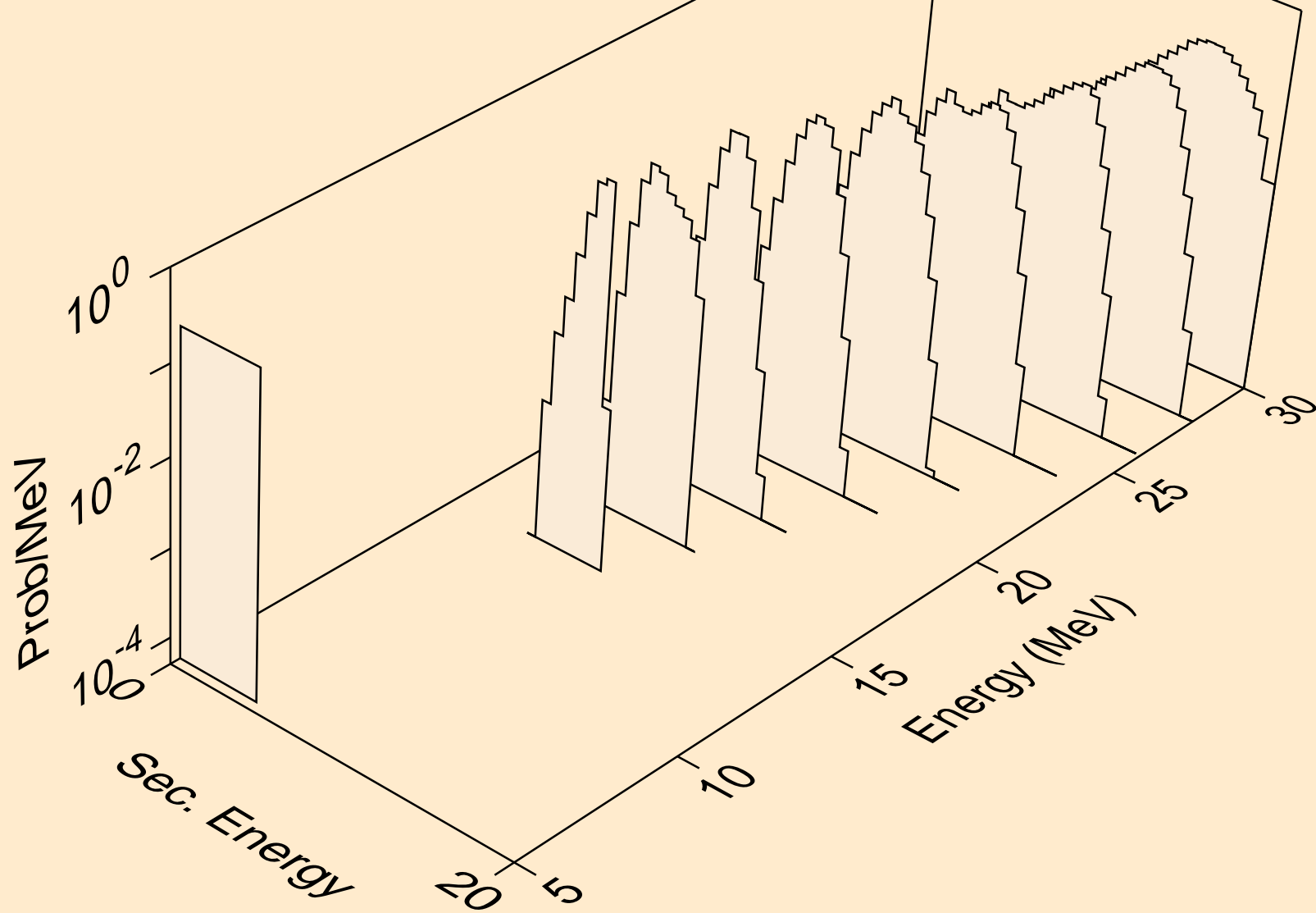
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a

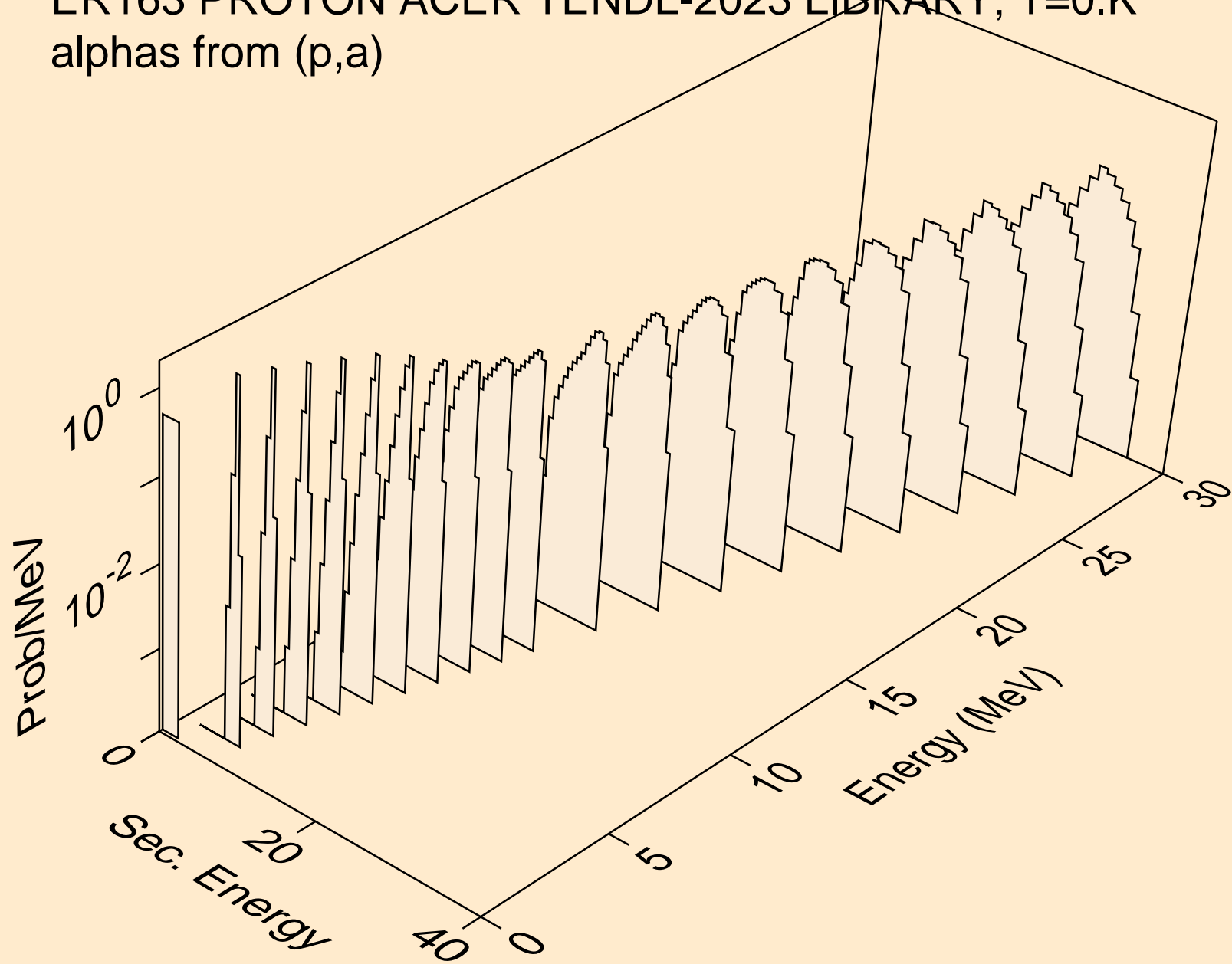


ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)

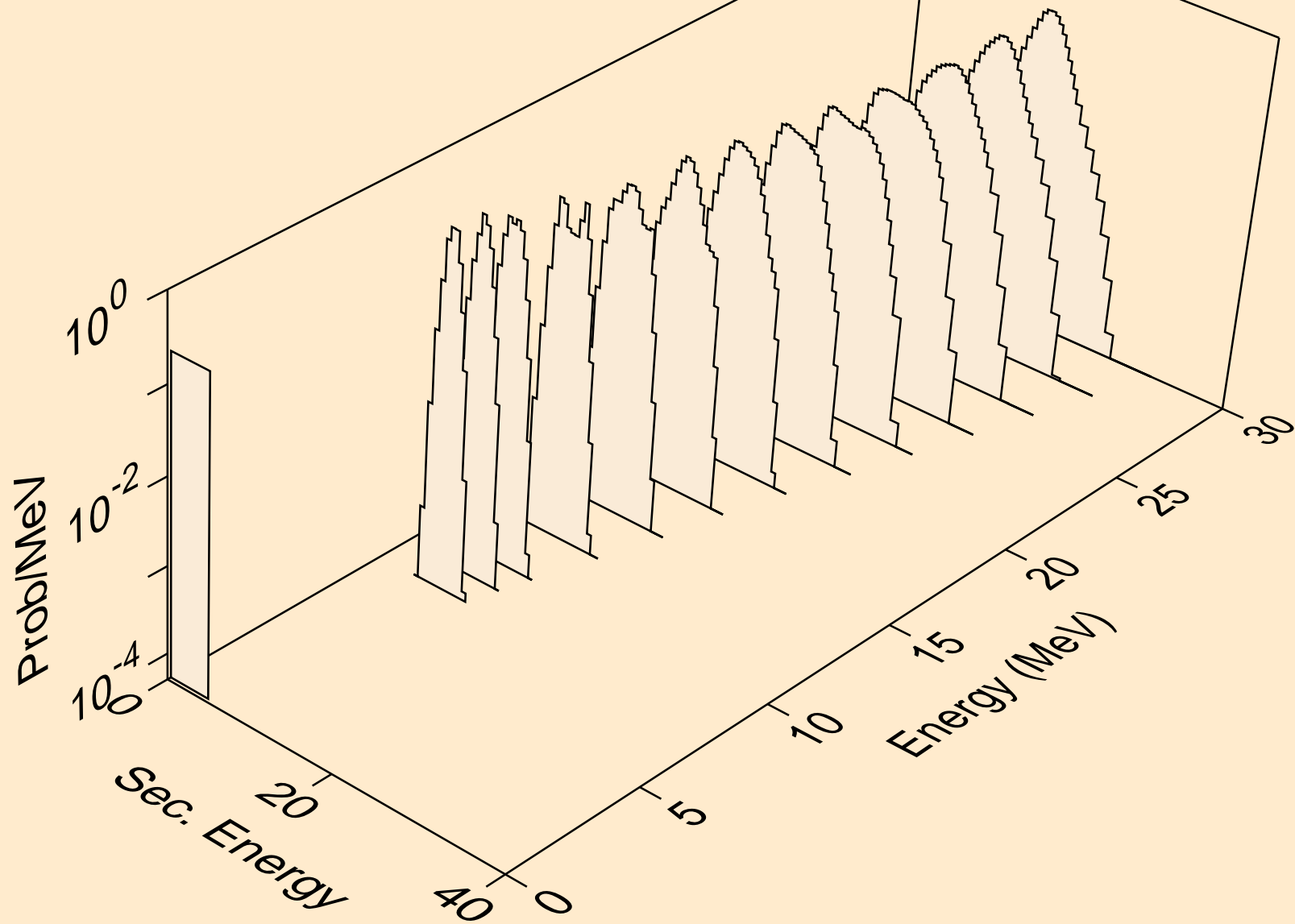




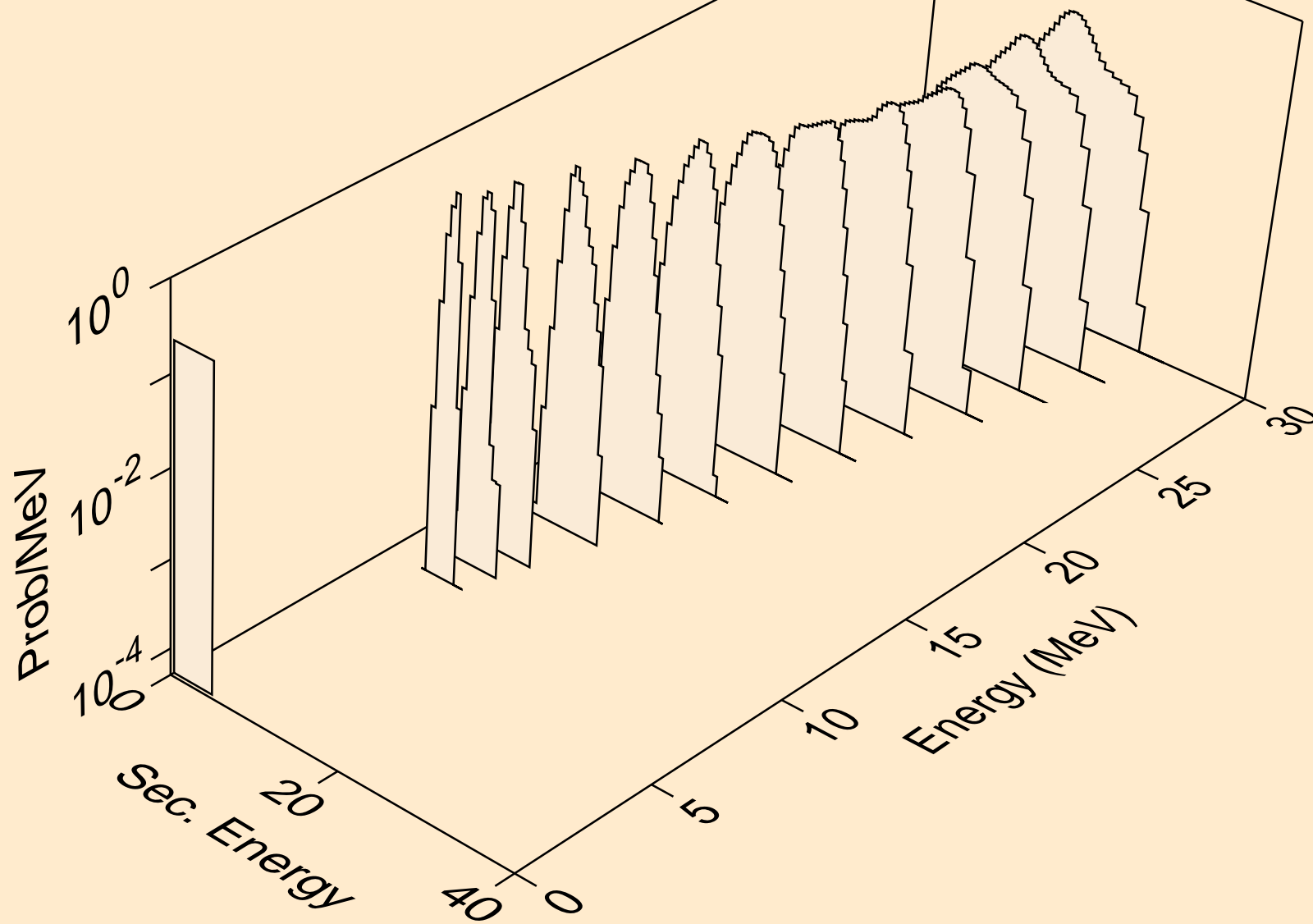
ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



ER163 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

