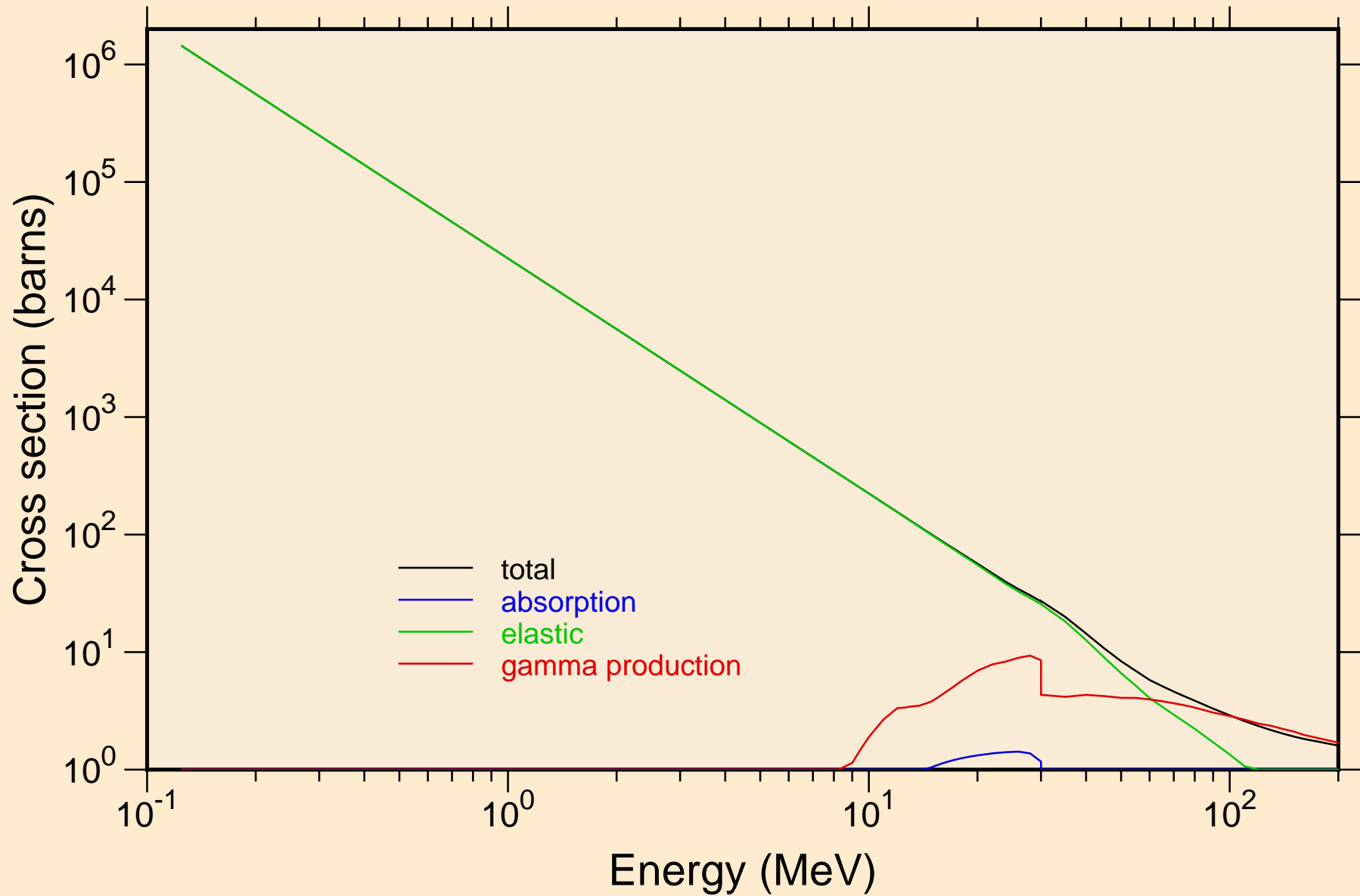
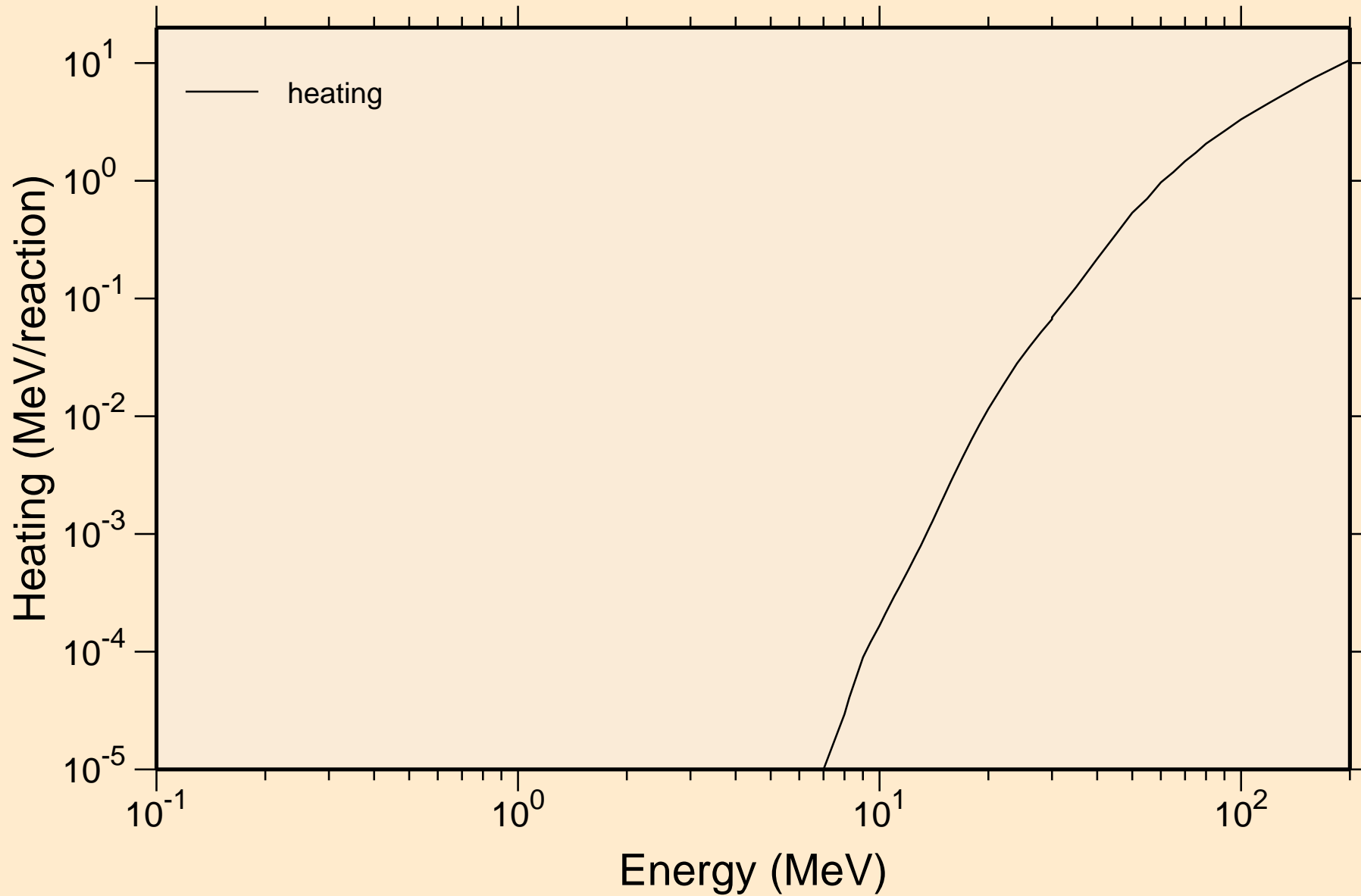


# ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

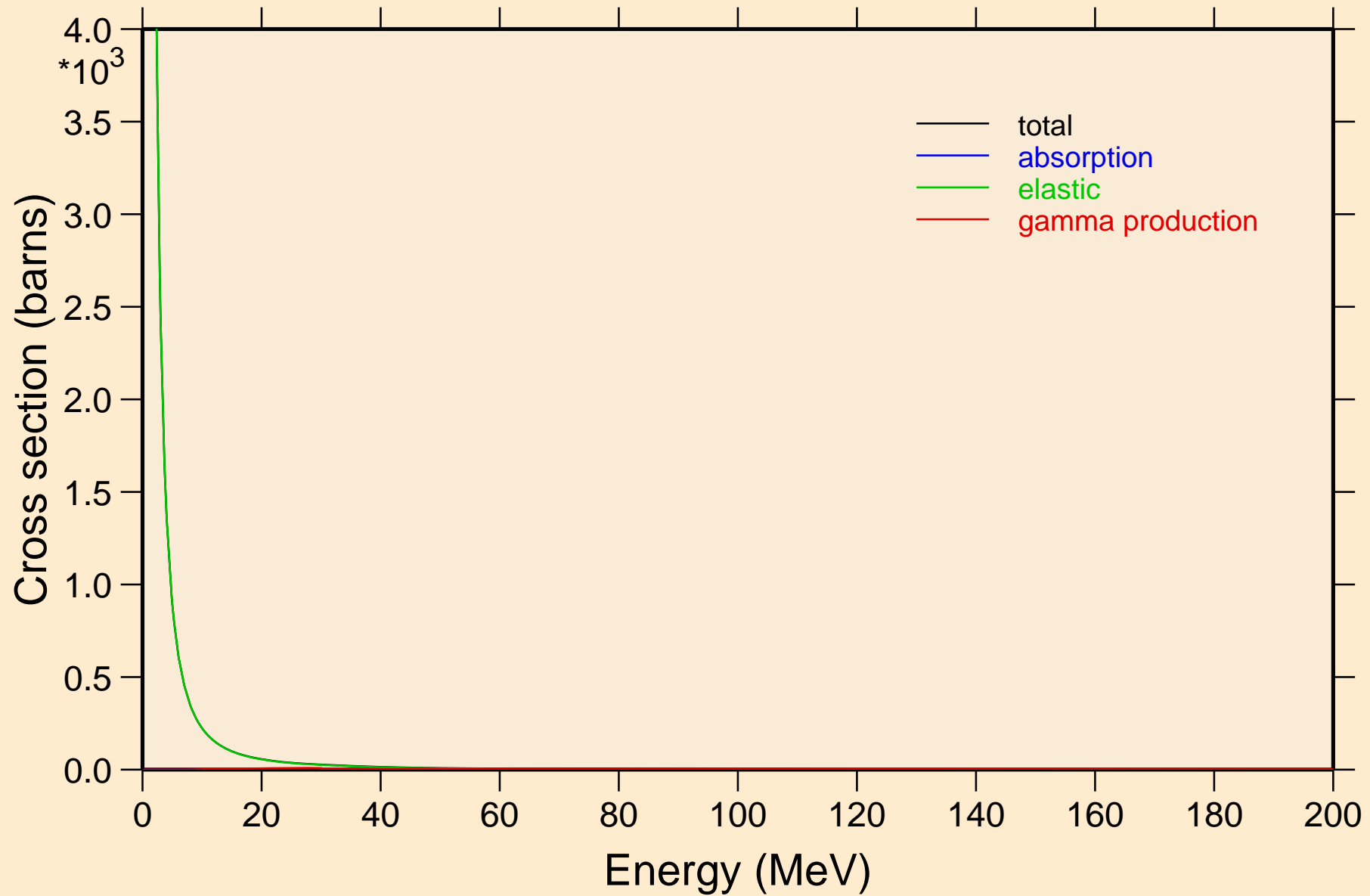


ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



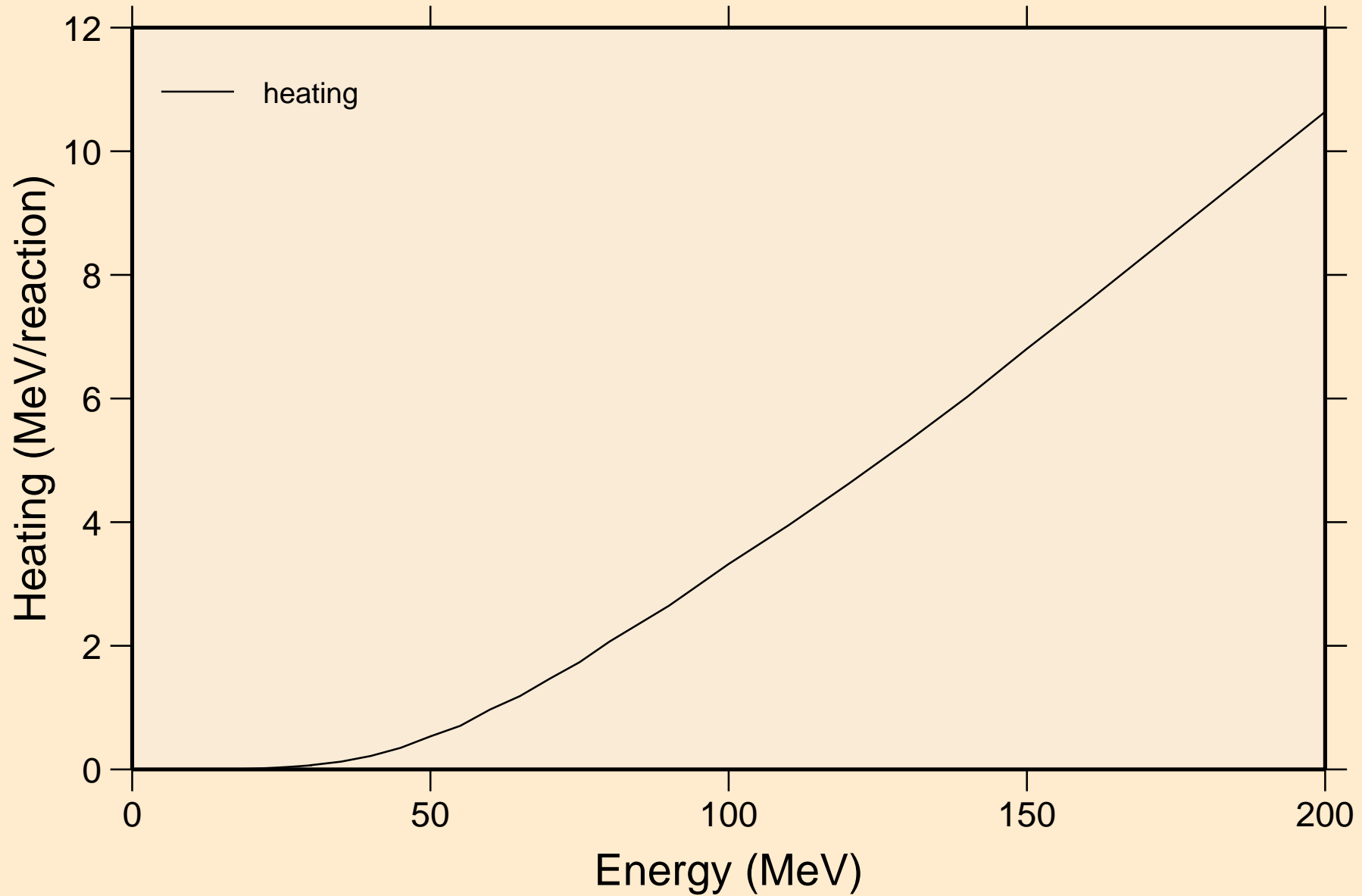
# ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



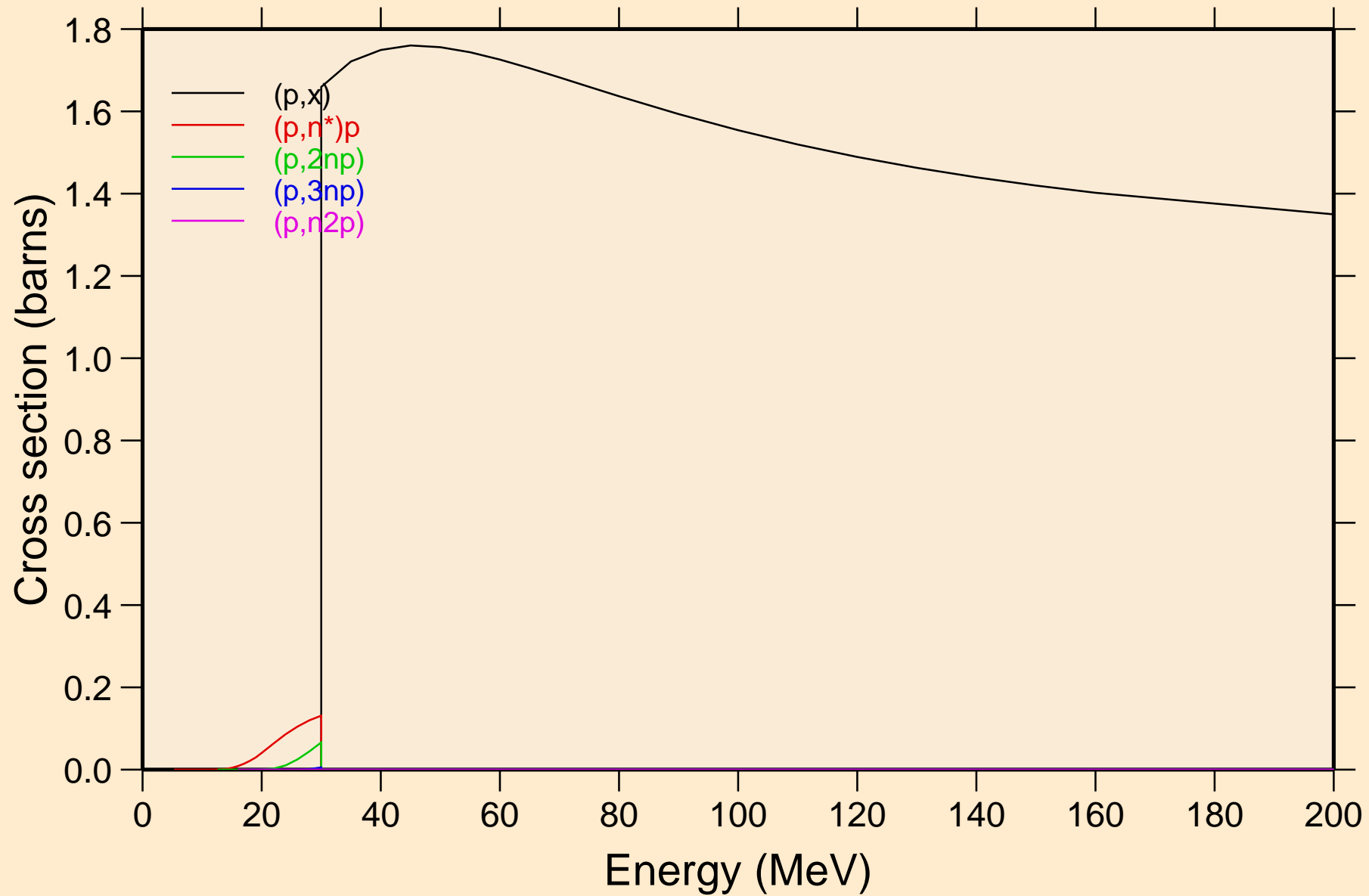
# ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



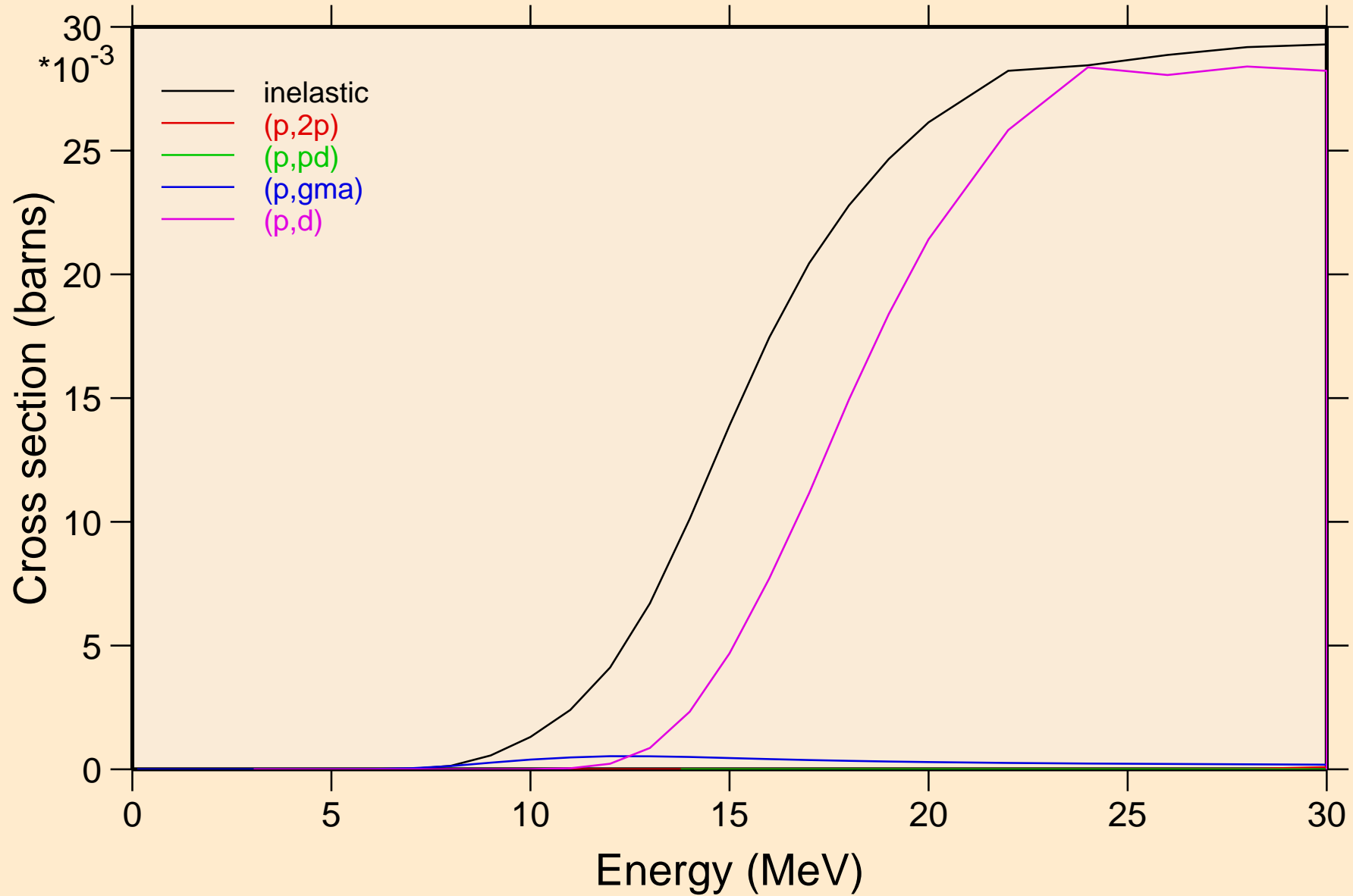
# ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



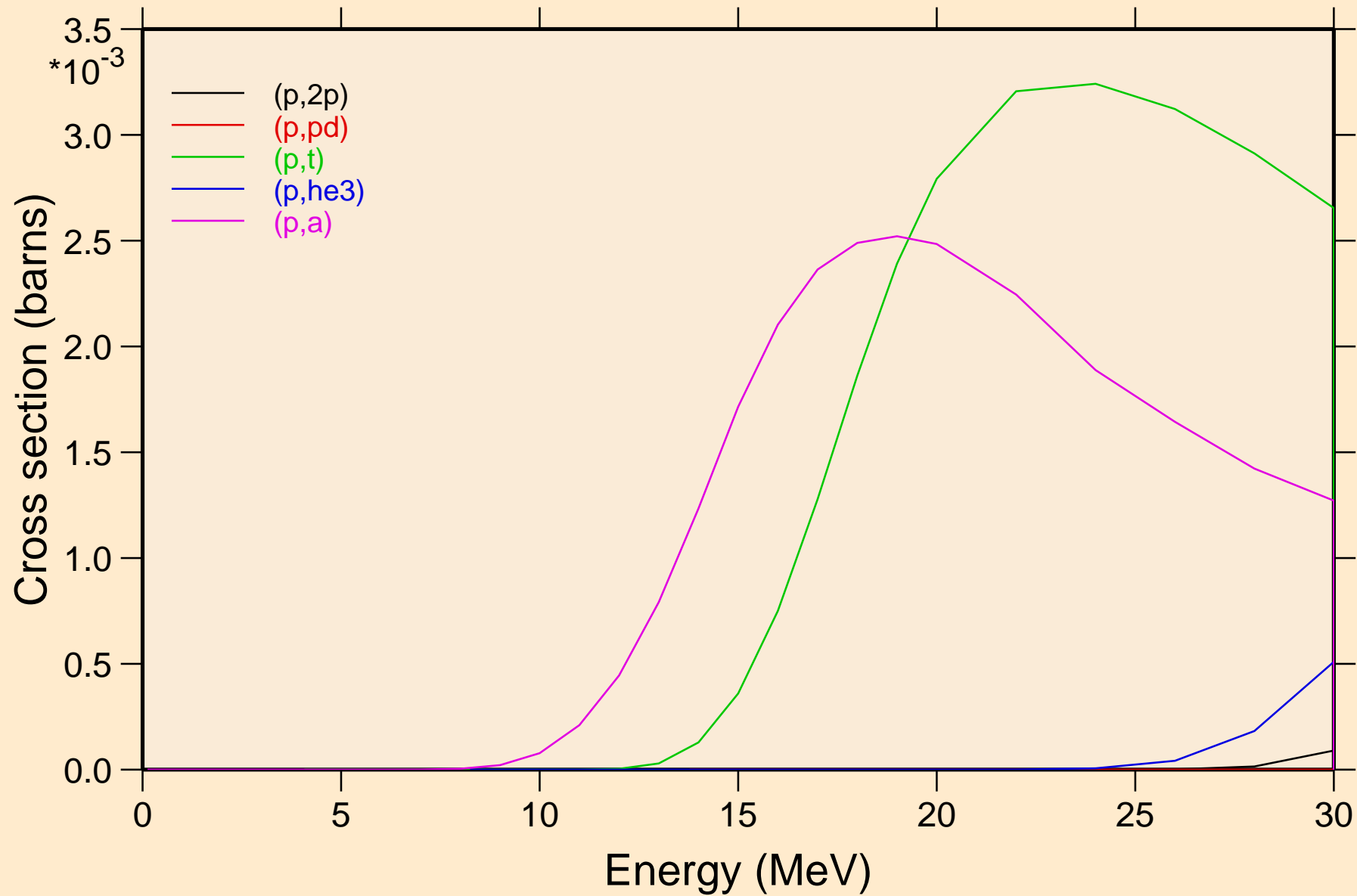
# ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



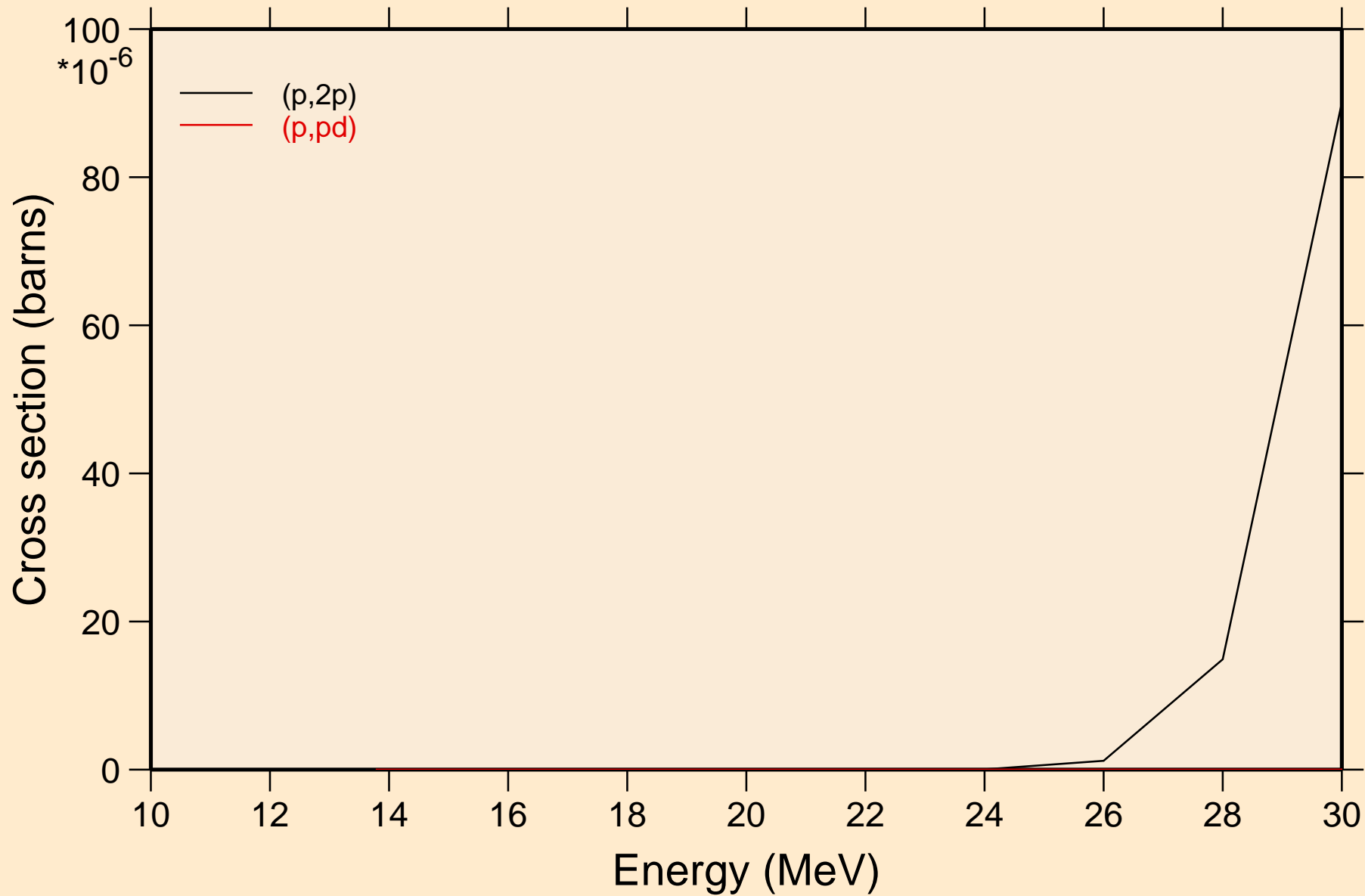
# ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

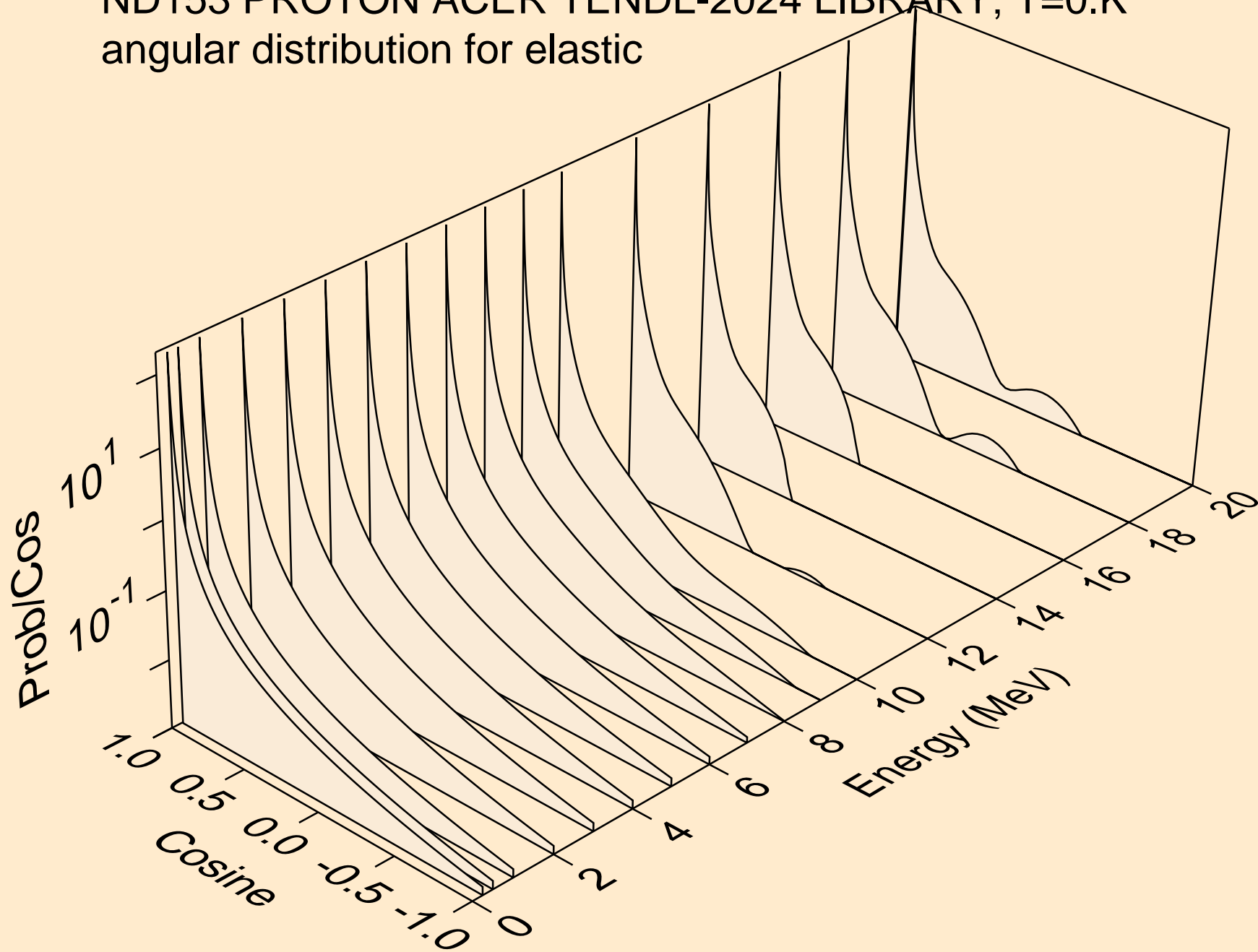


# ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K

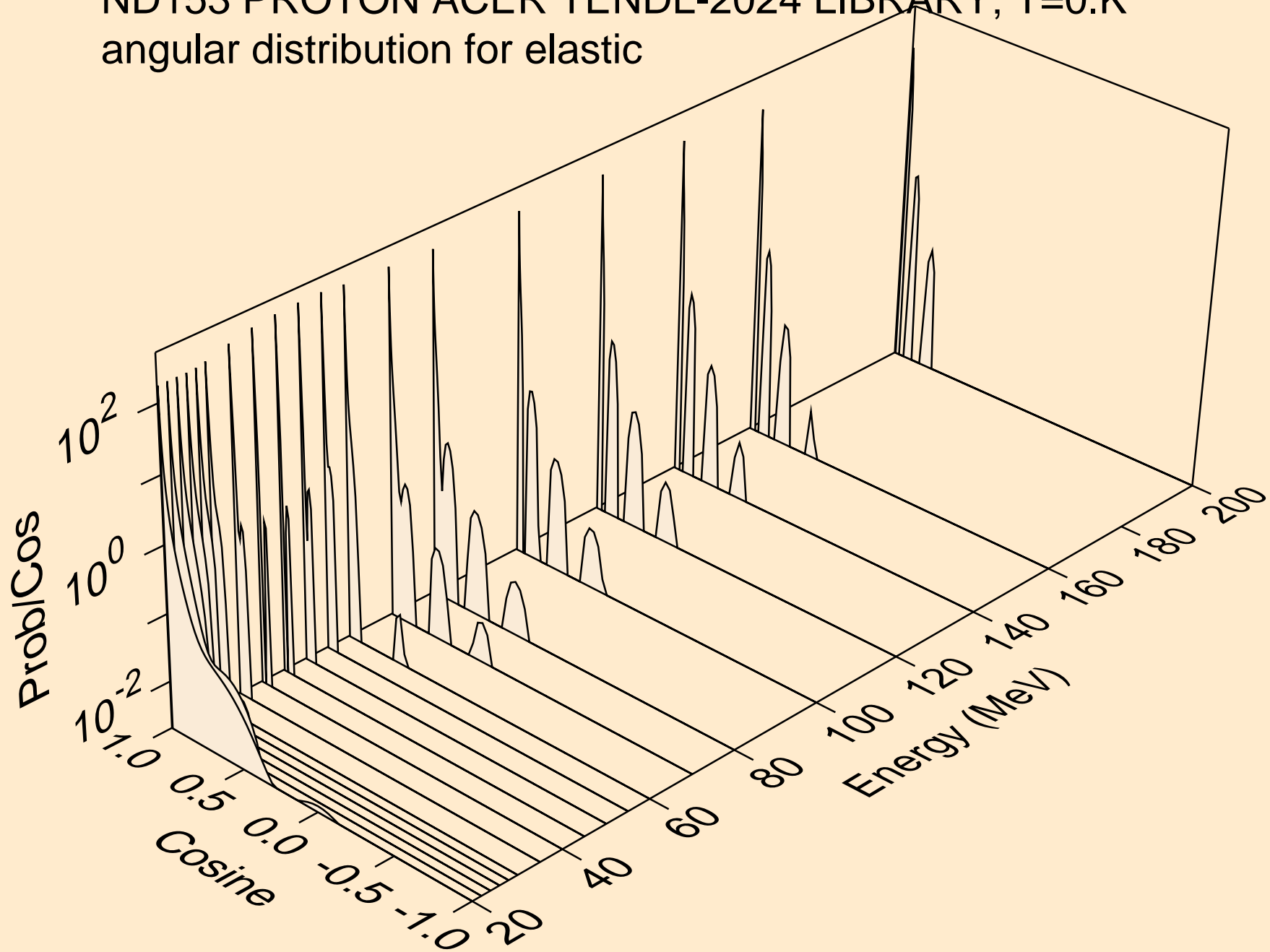
## Threshold reactions



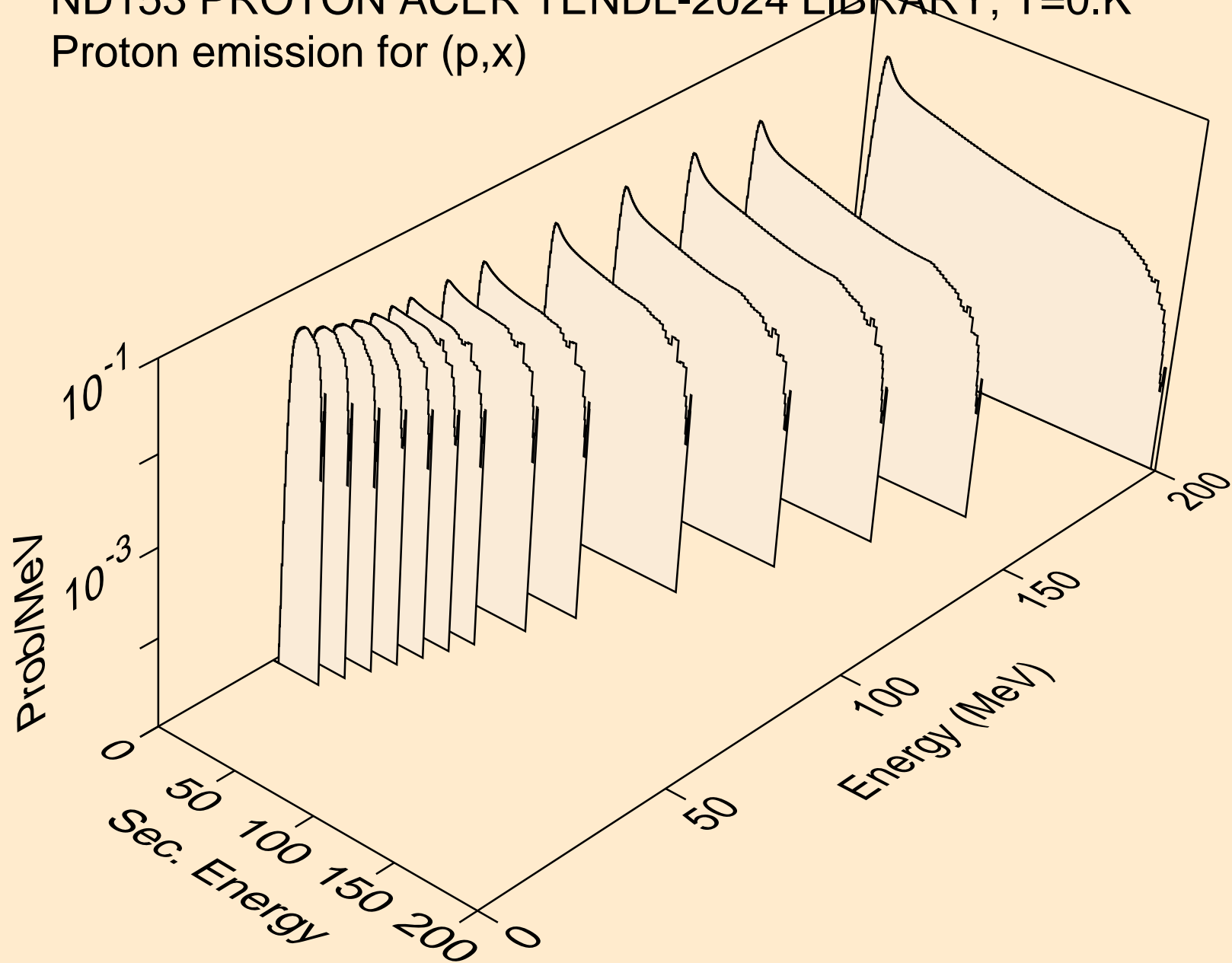
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



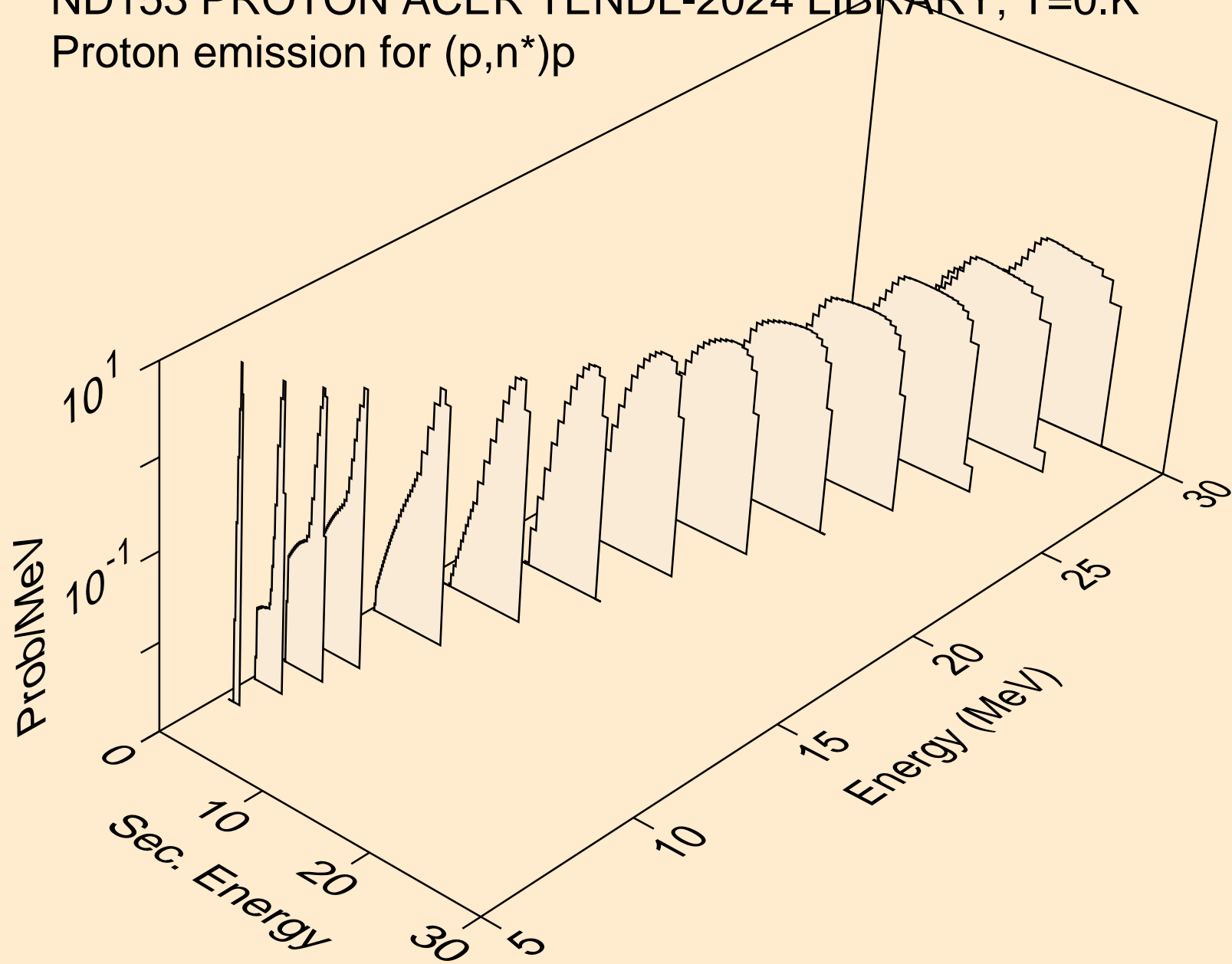
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



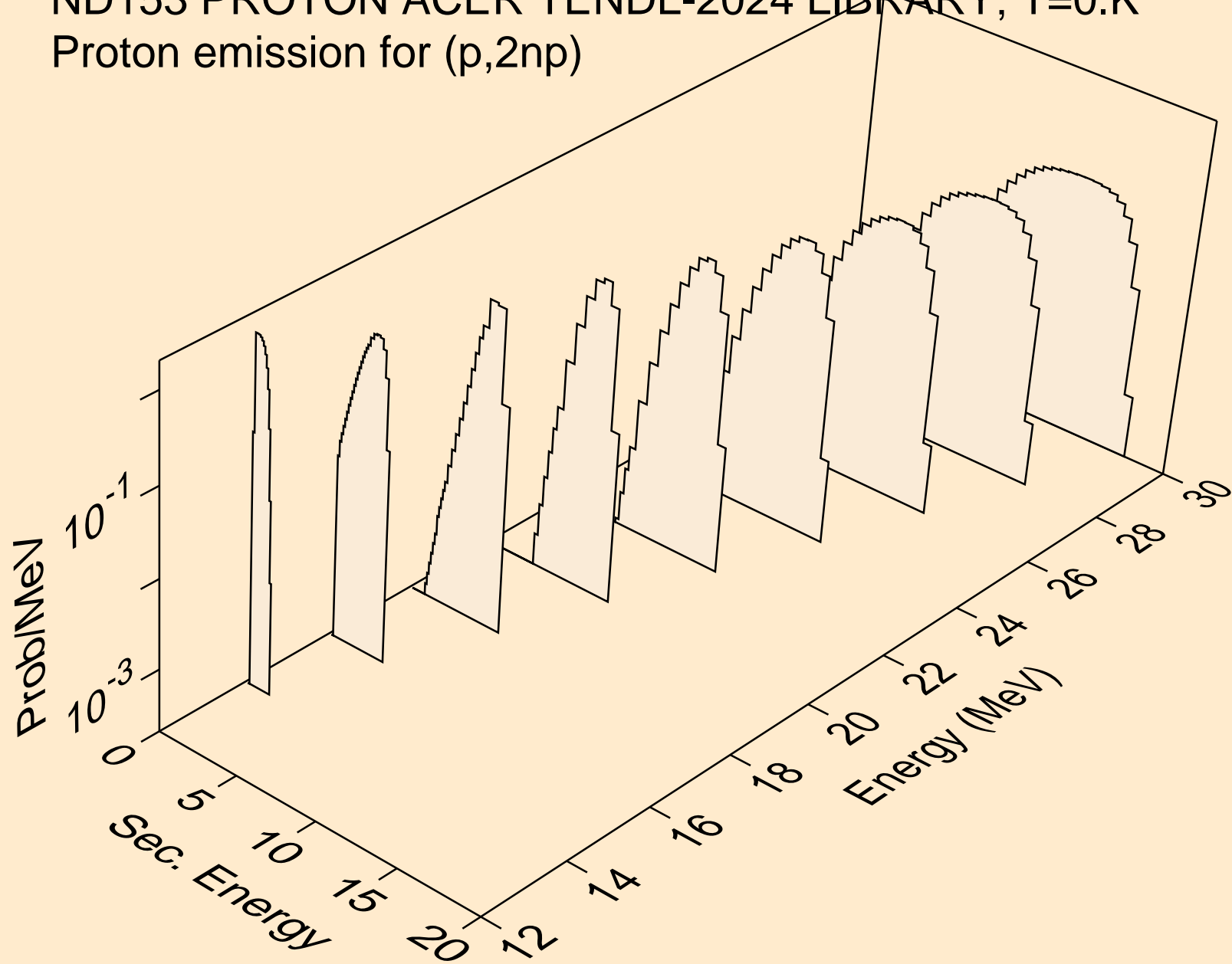
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



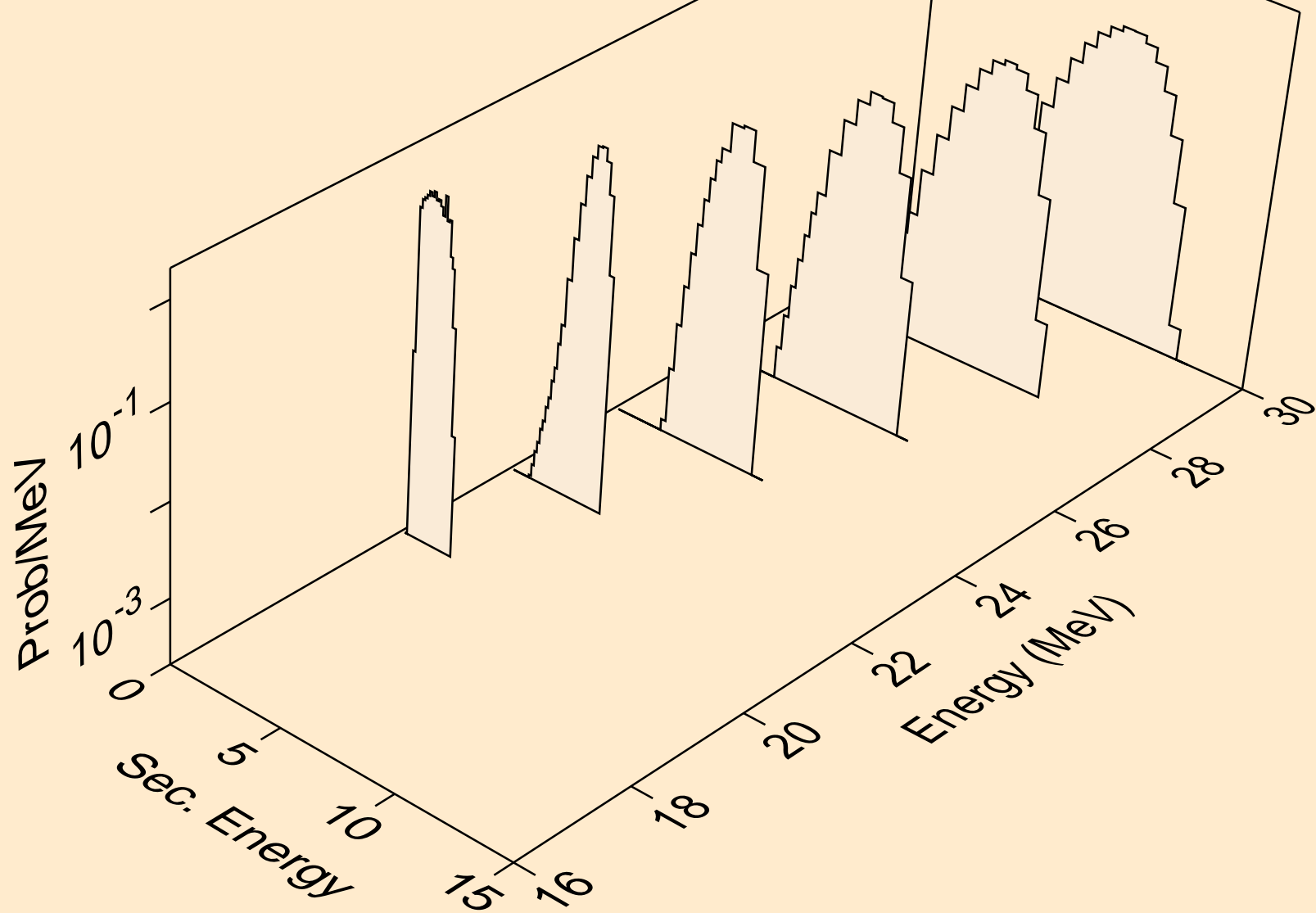
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



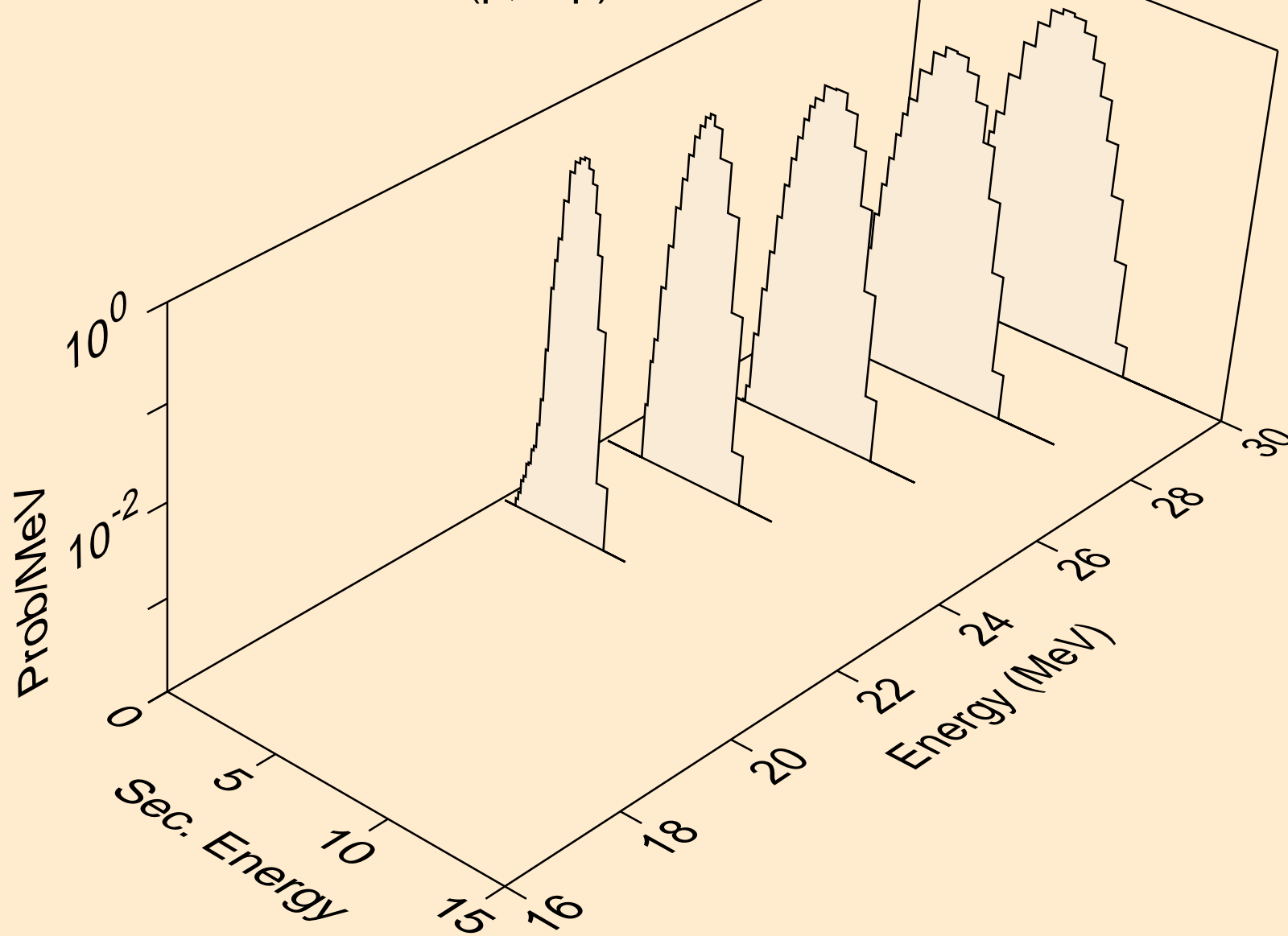
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



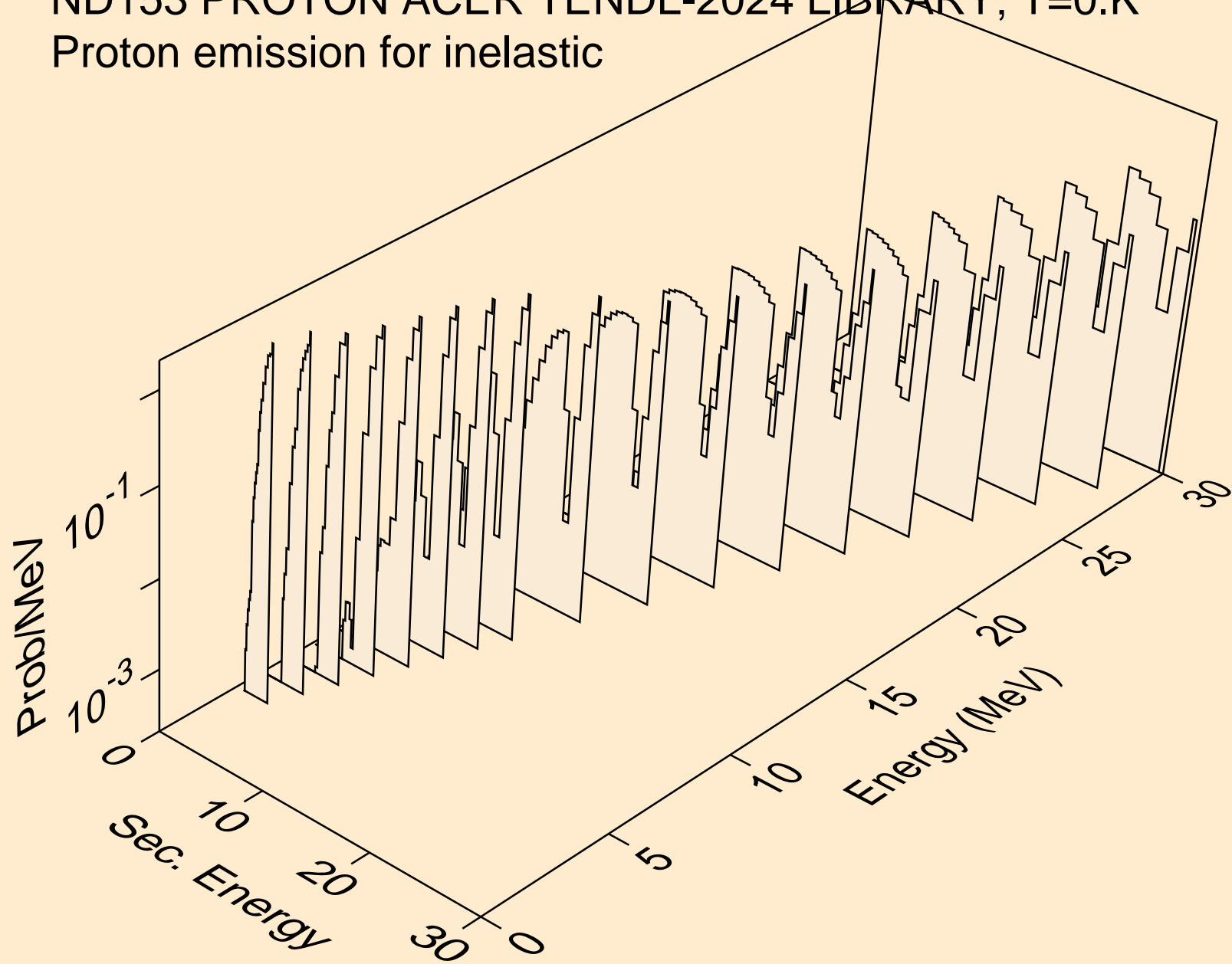
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



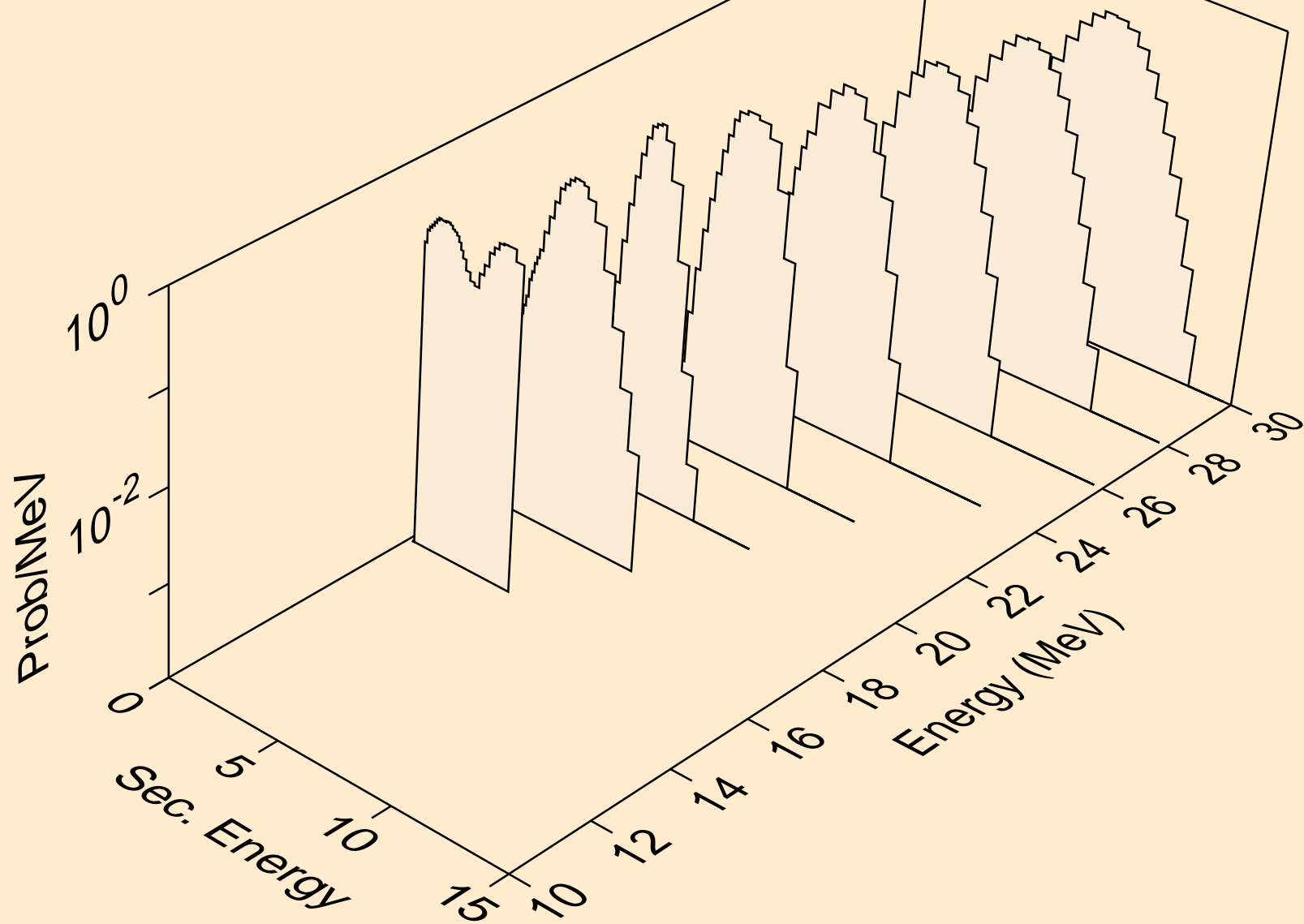
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



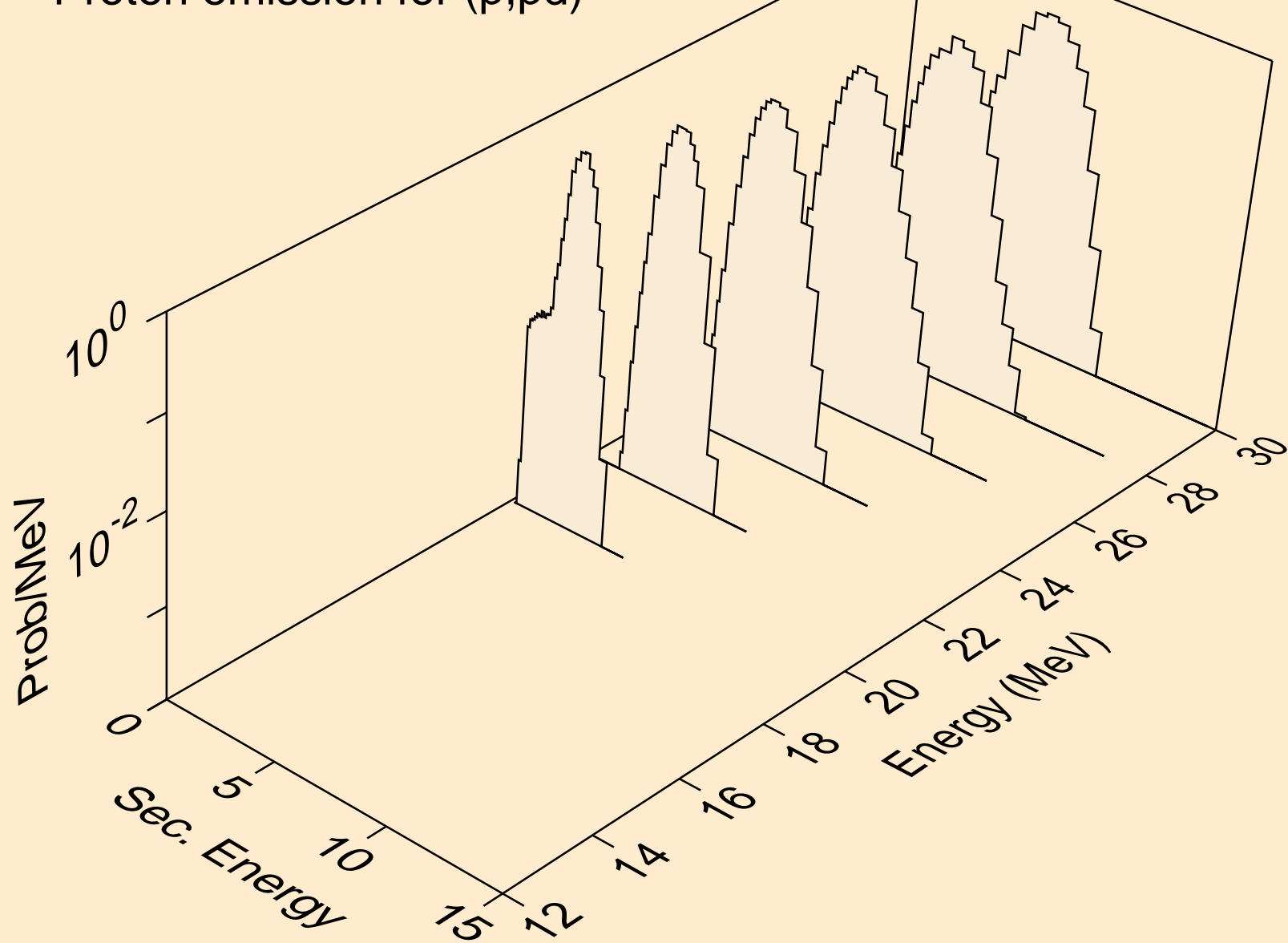
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



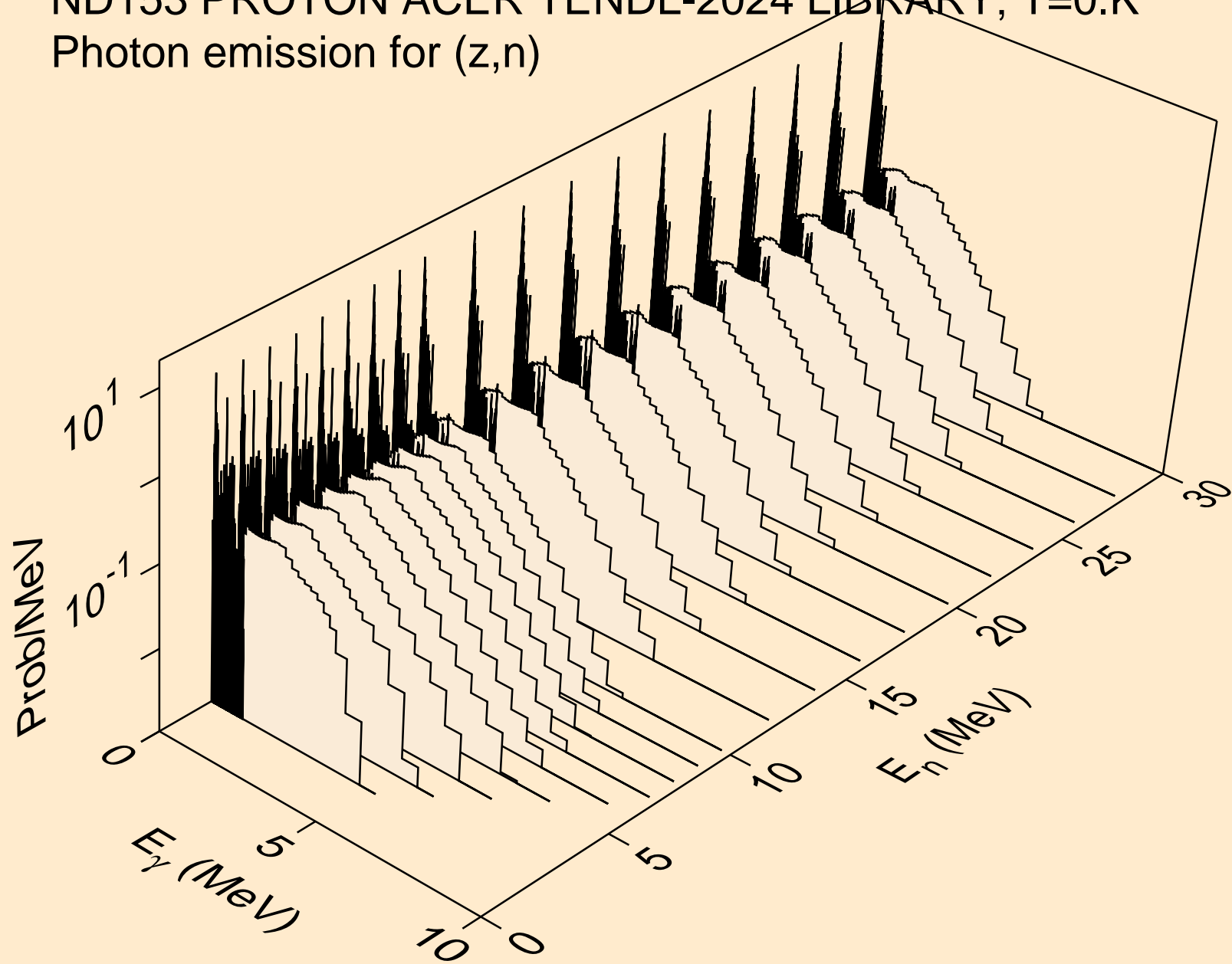
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



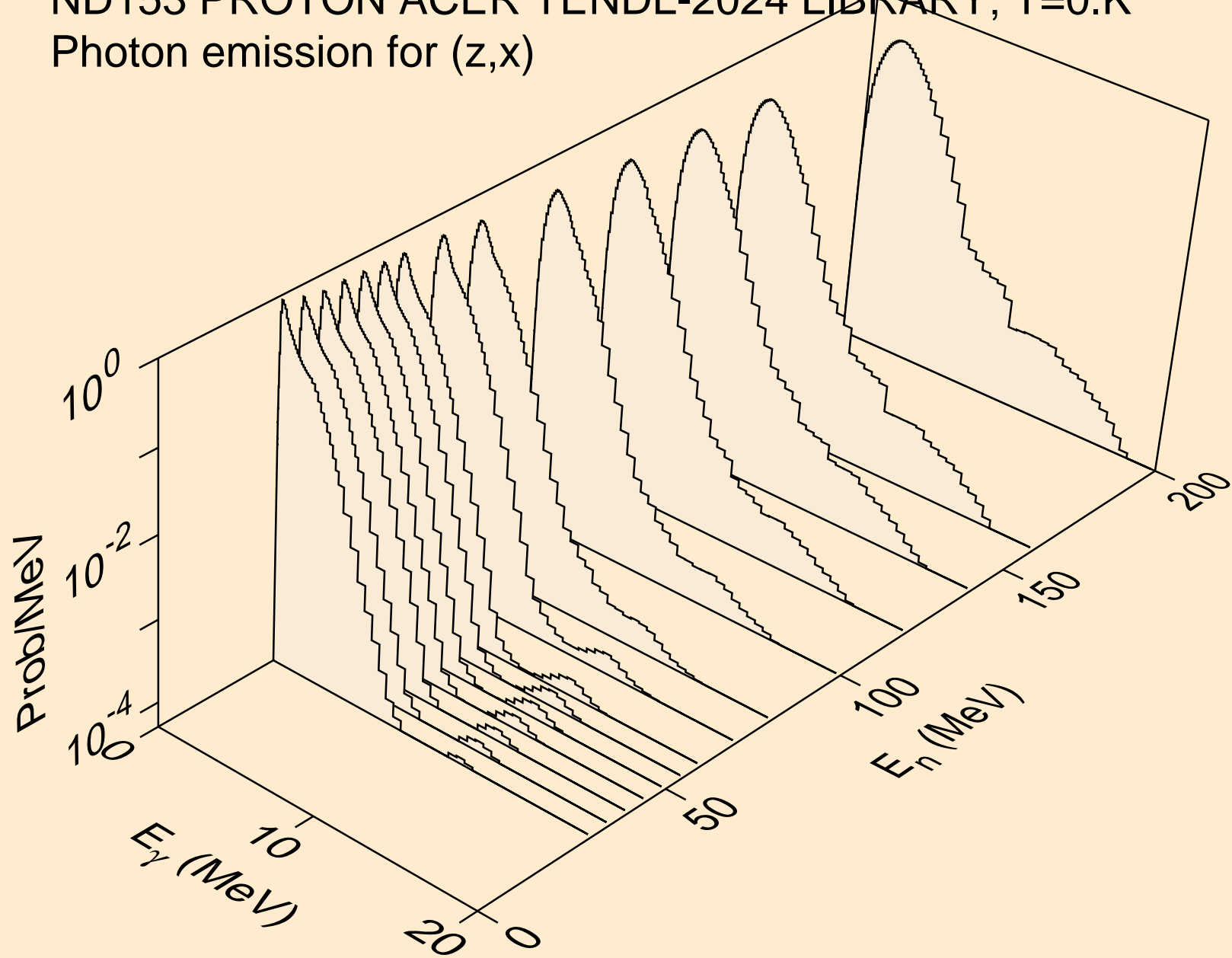
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,pd)



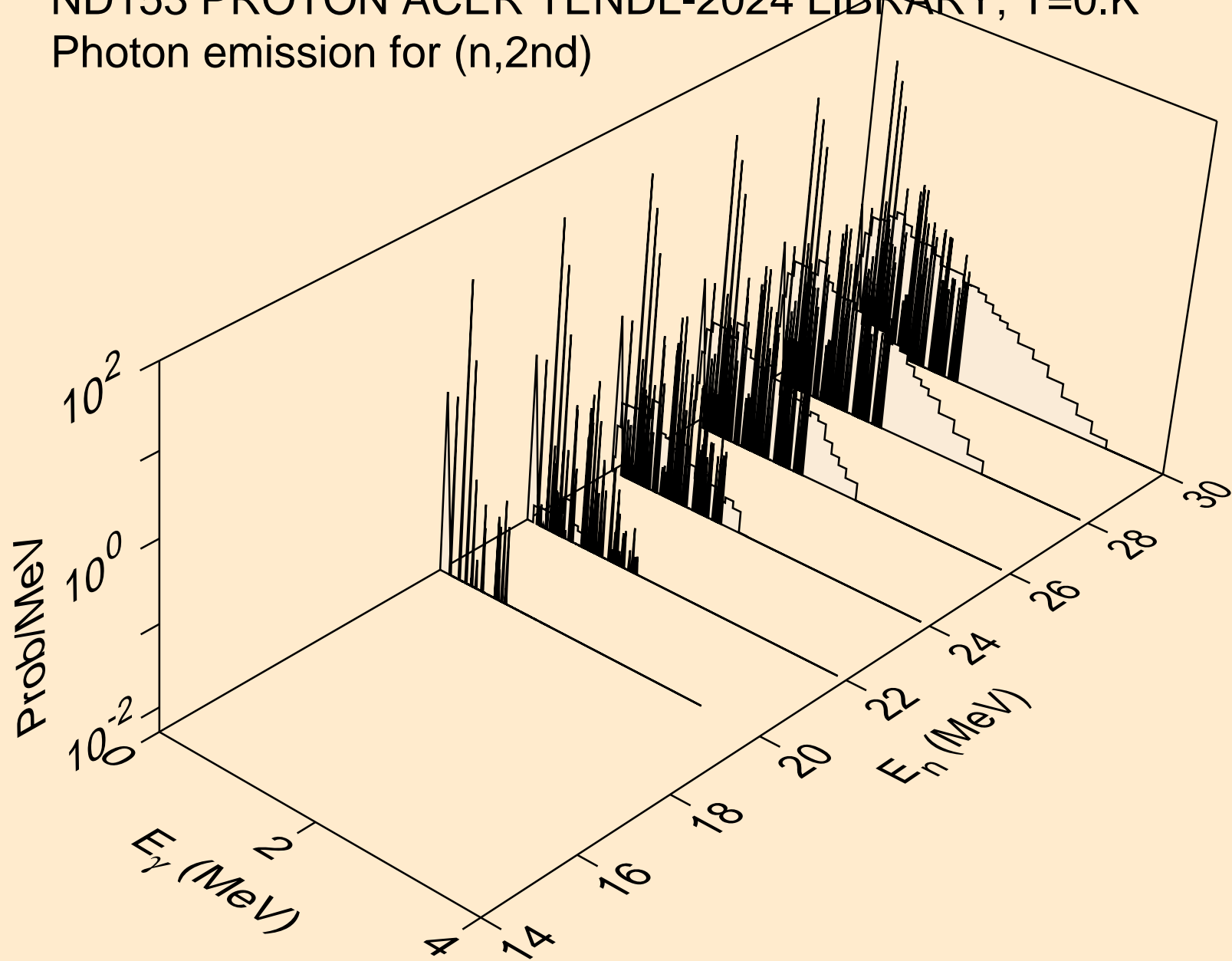
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



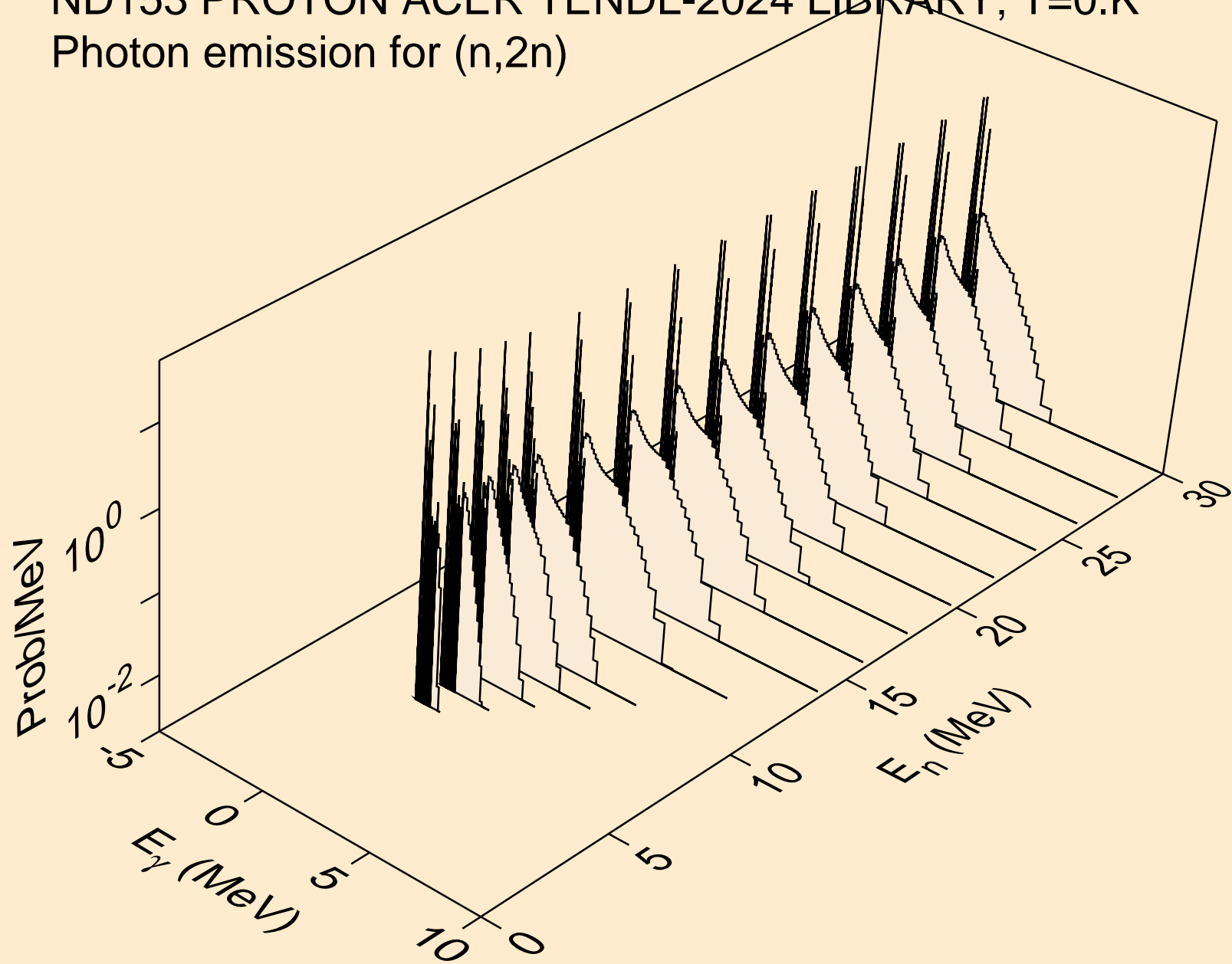
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



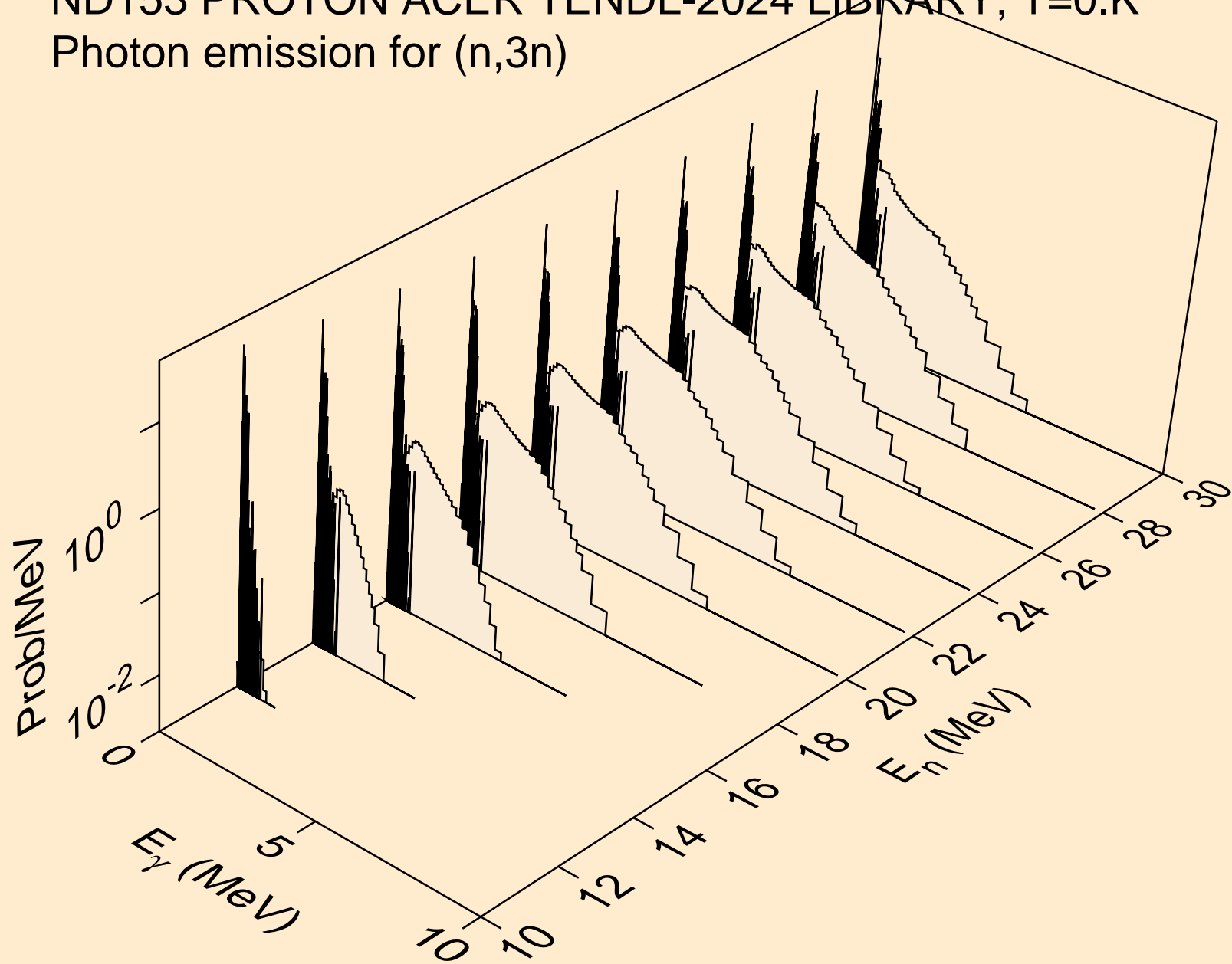
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



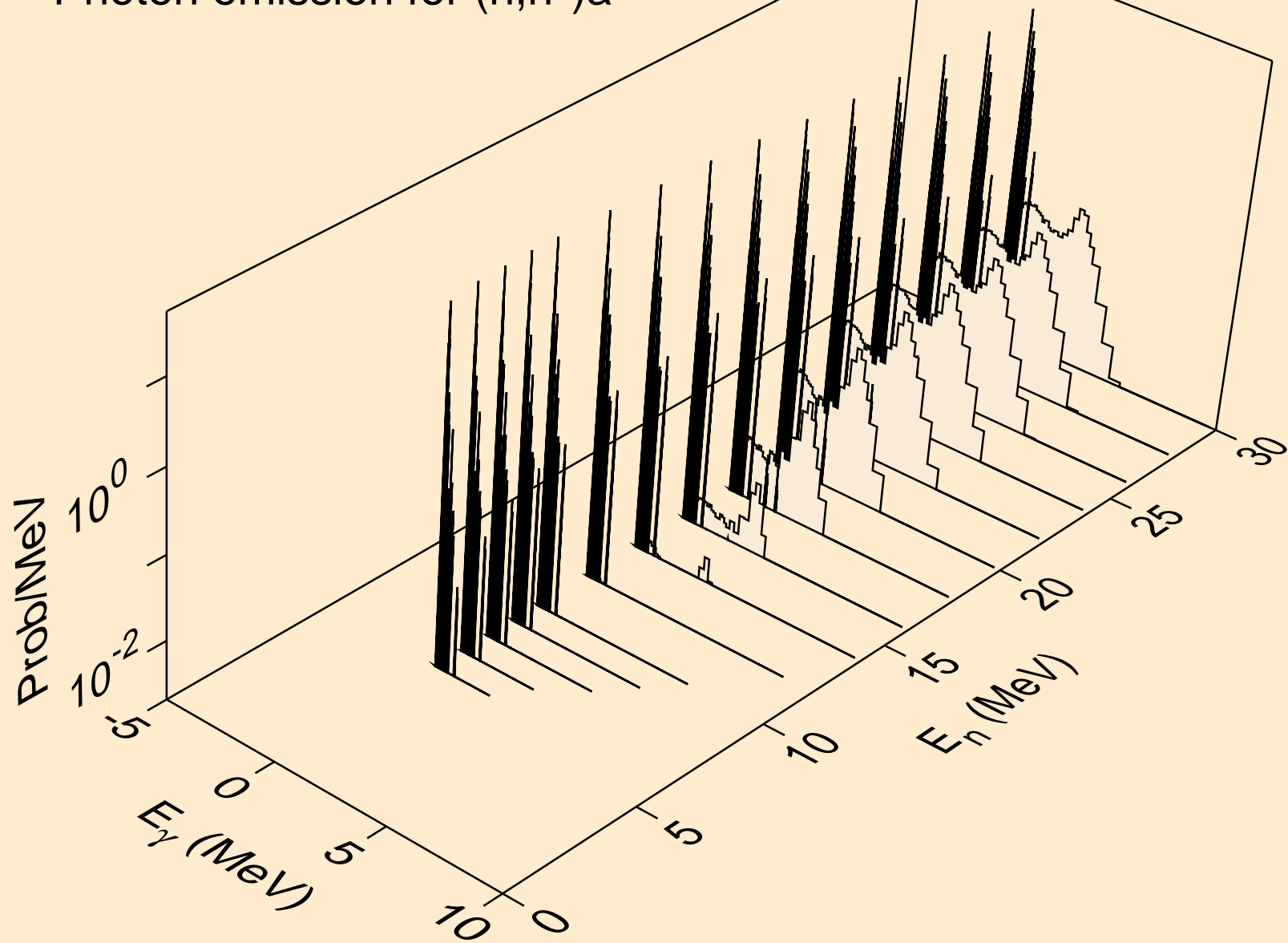
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



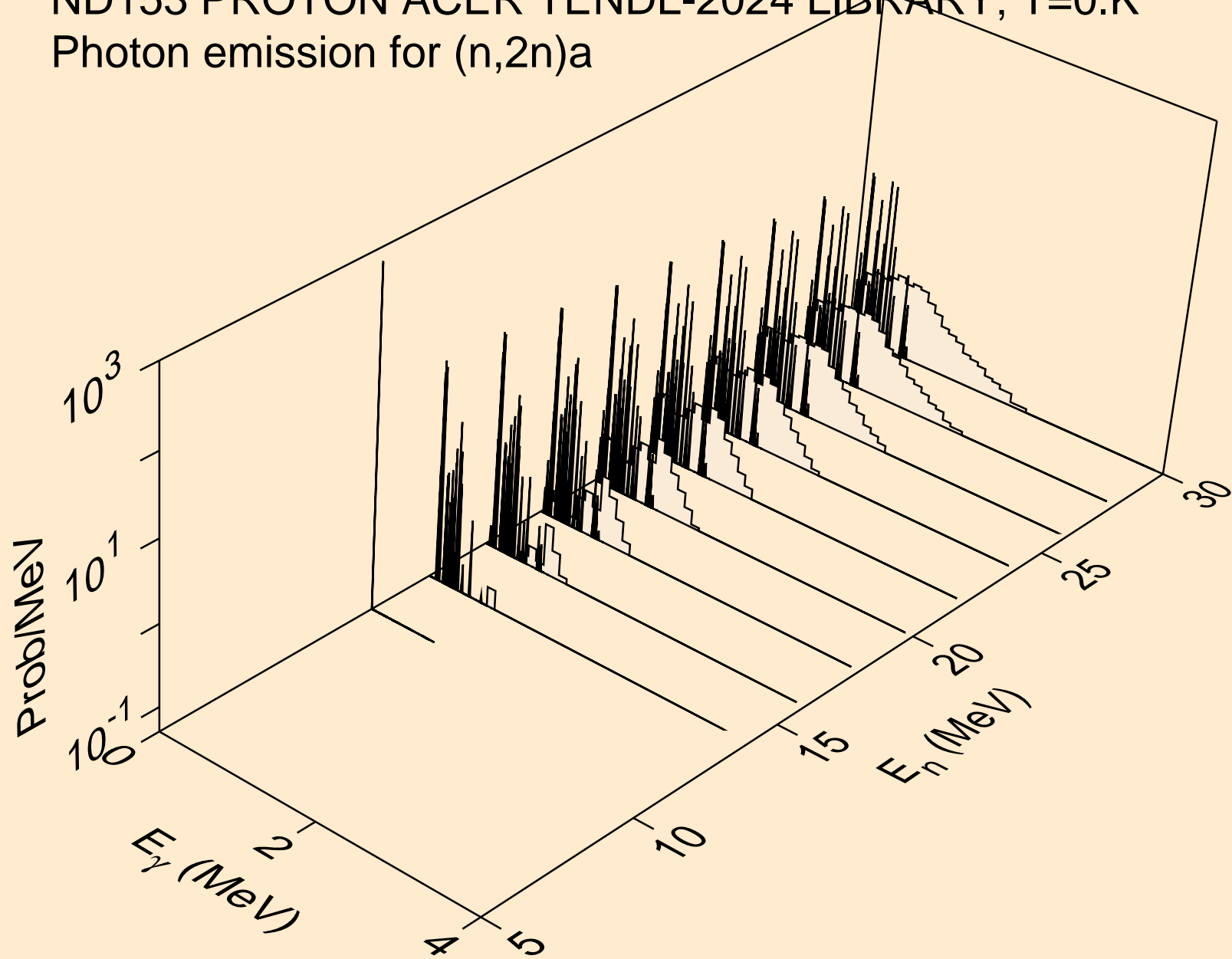
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



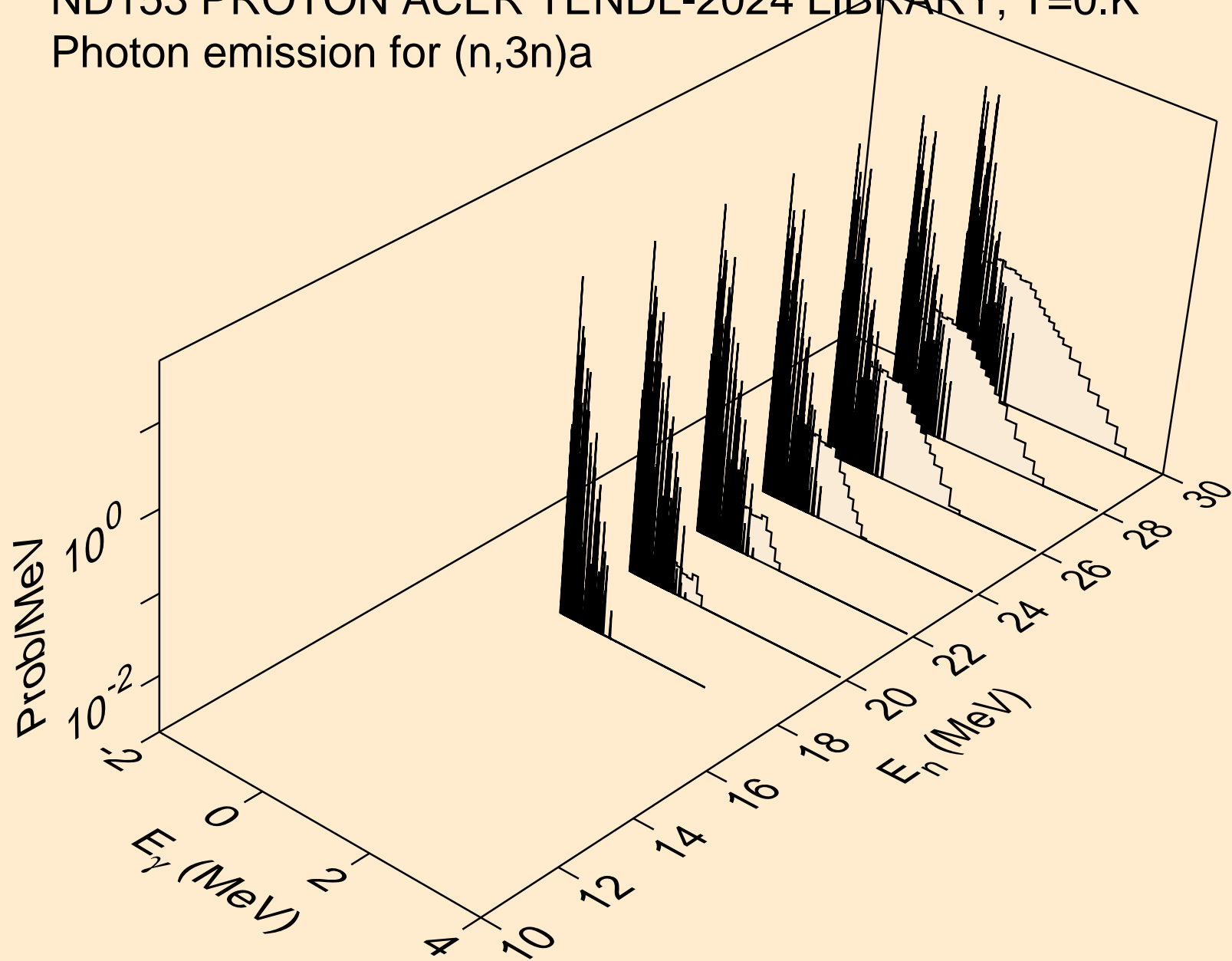
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



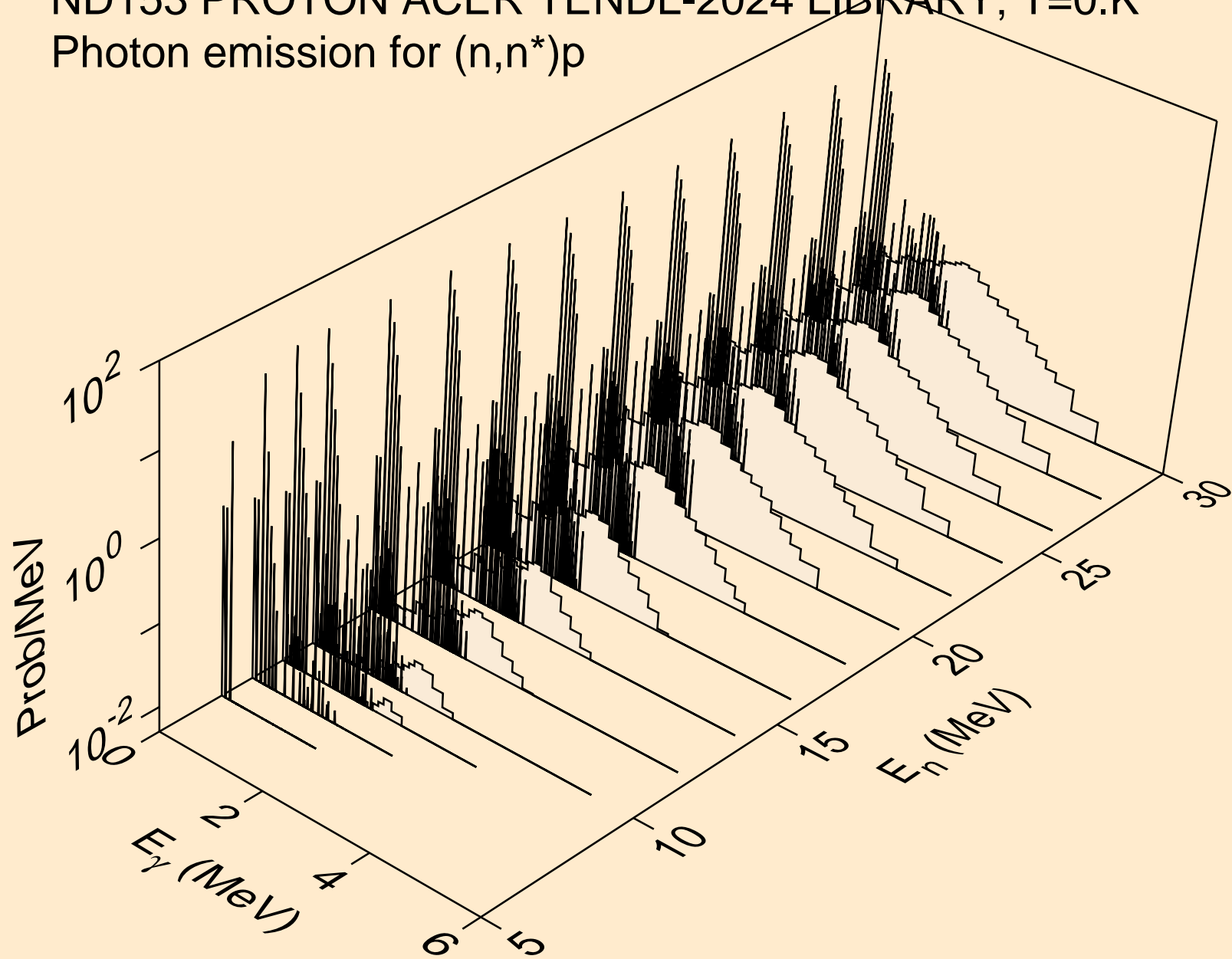
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



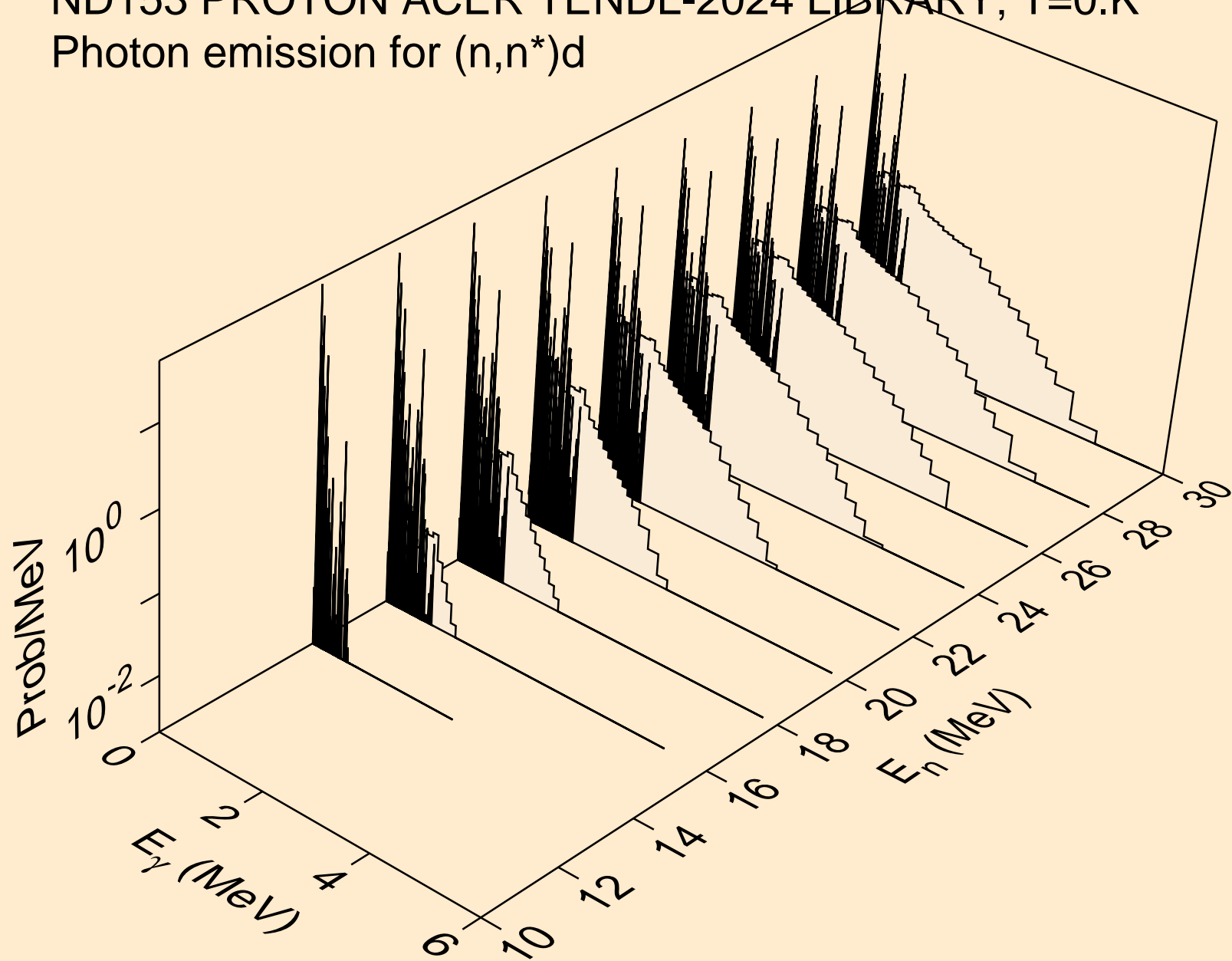
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



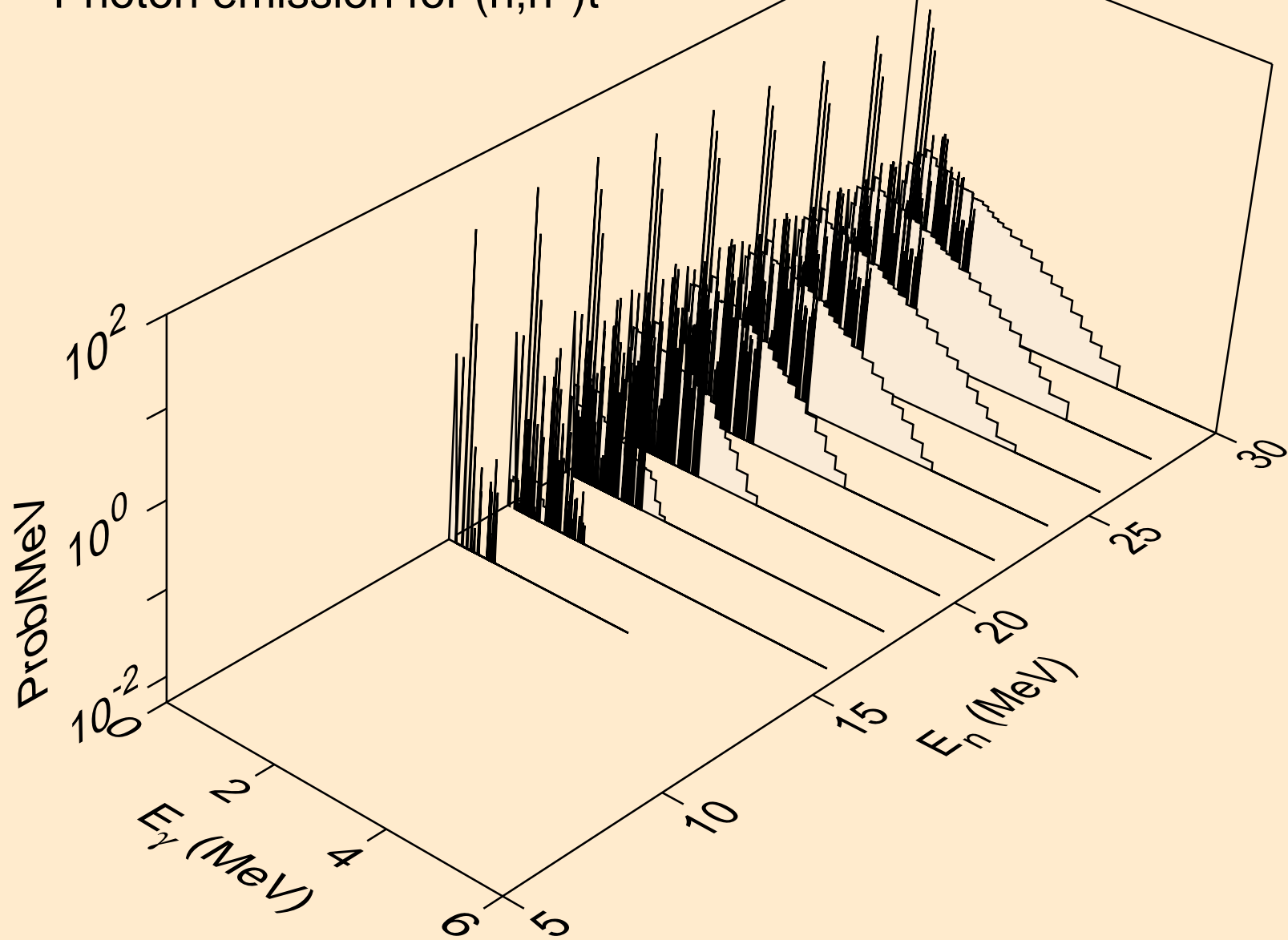
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



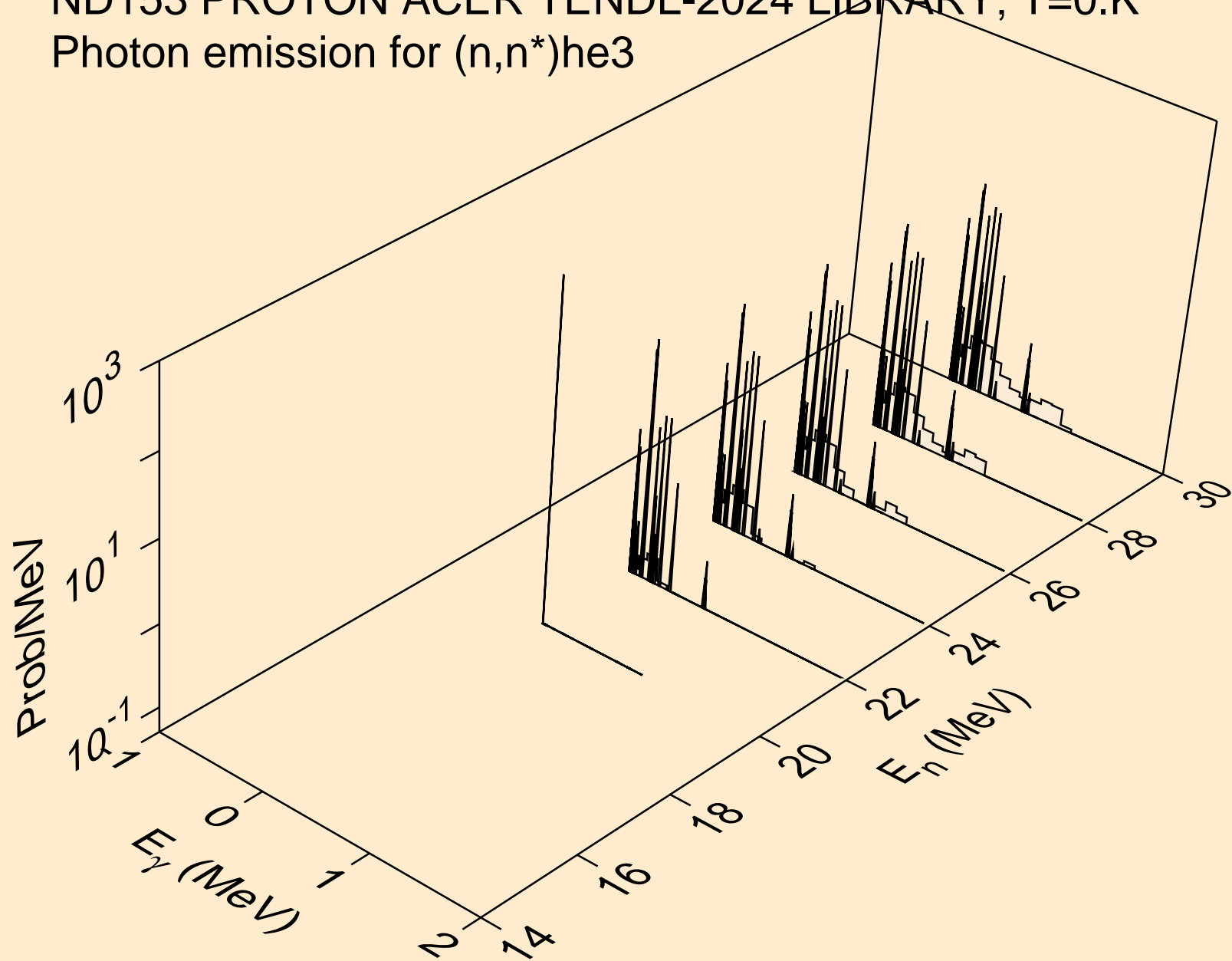
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



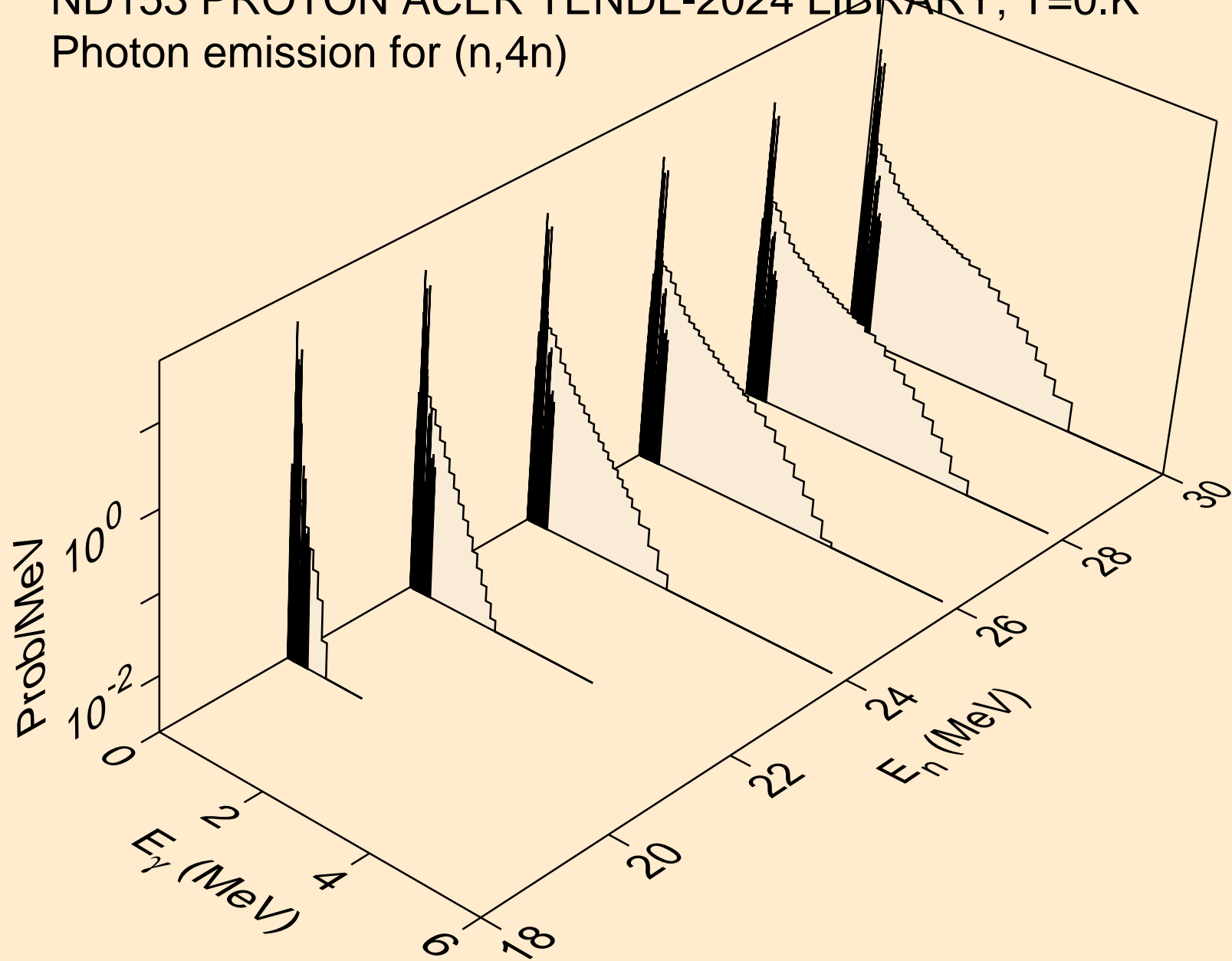
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



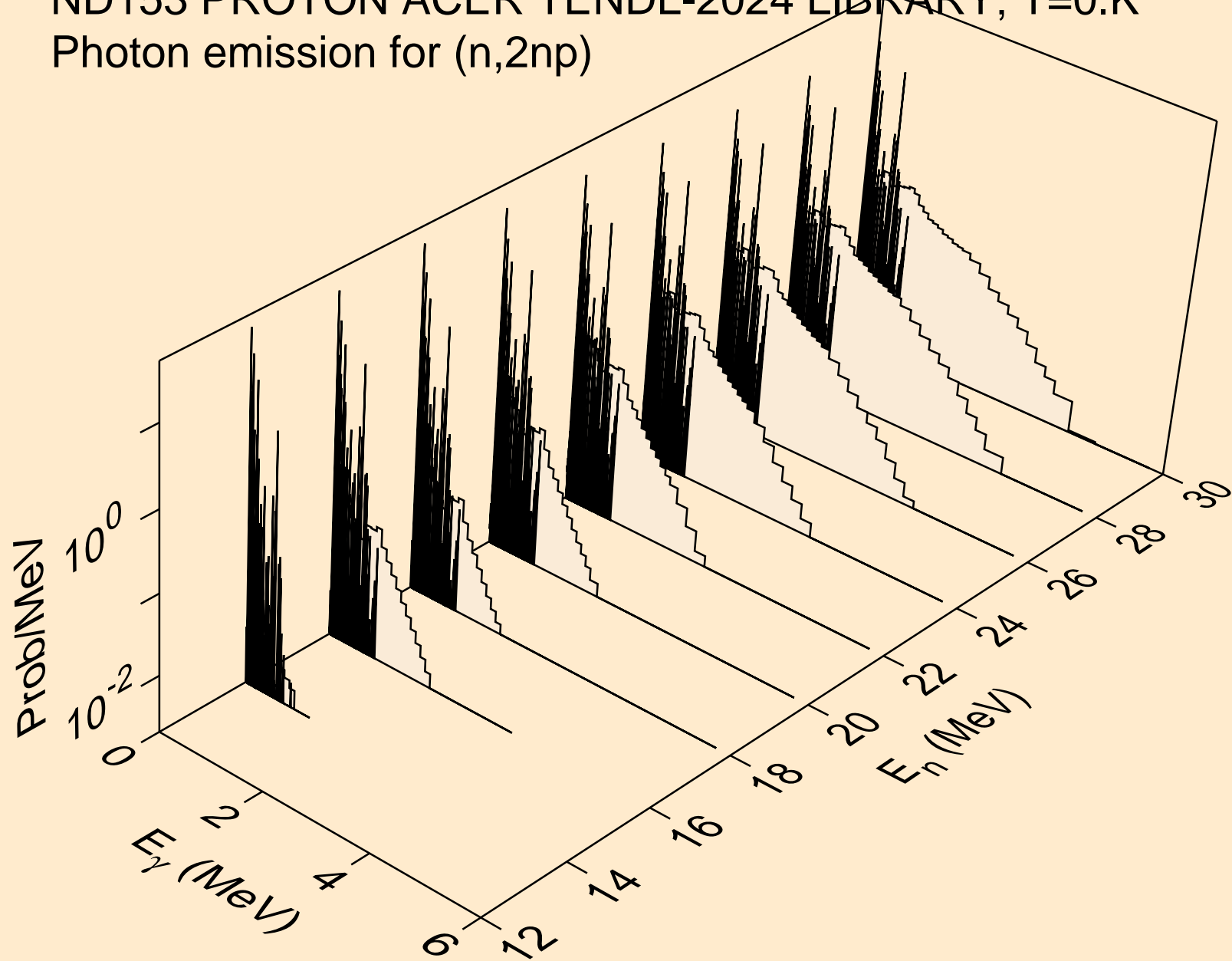
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



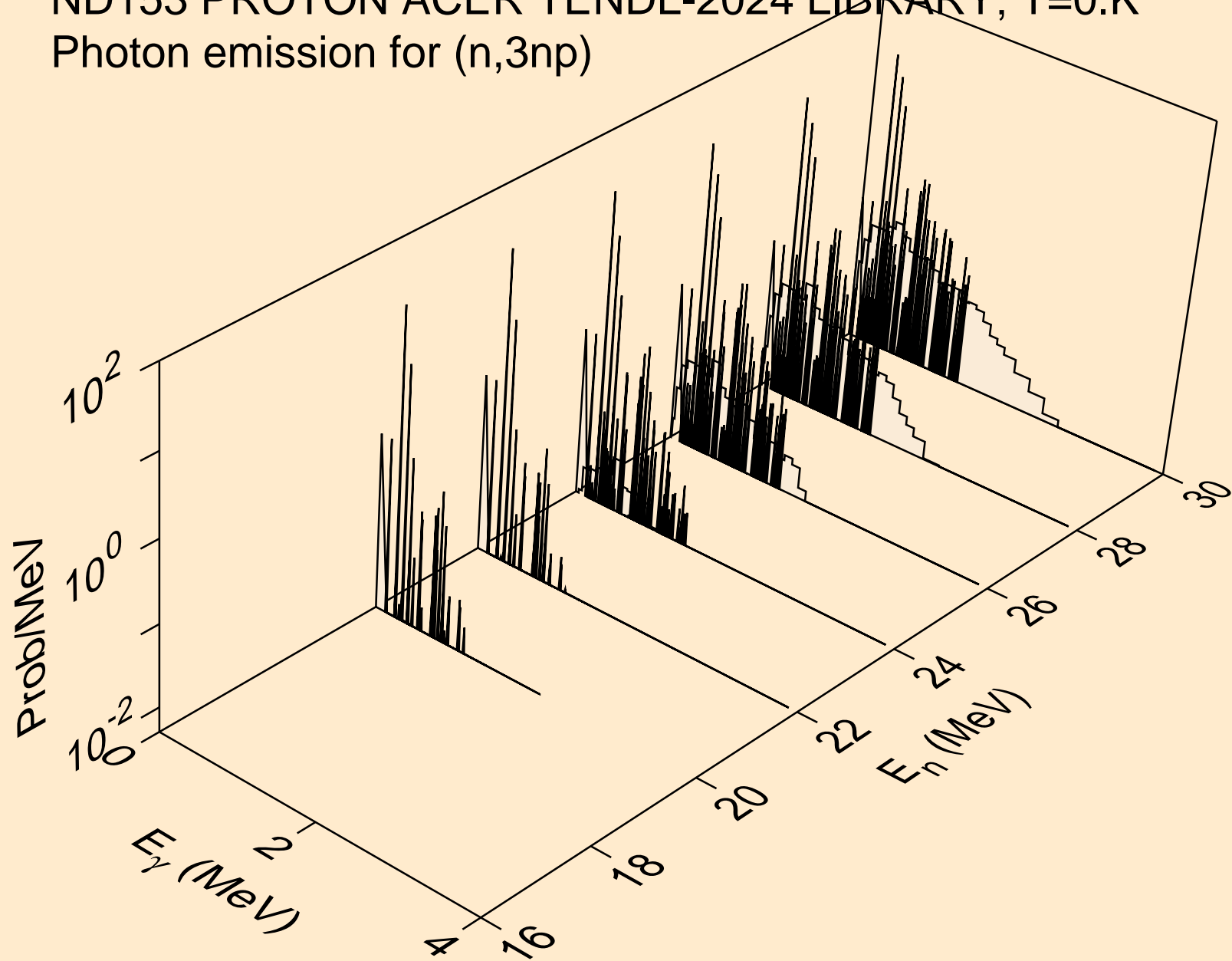
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



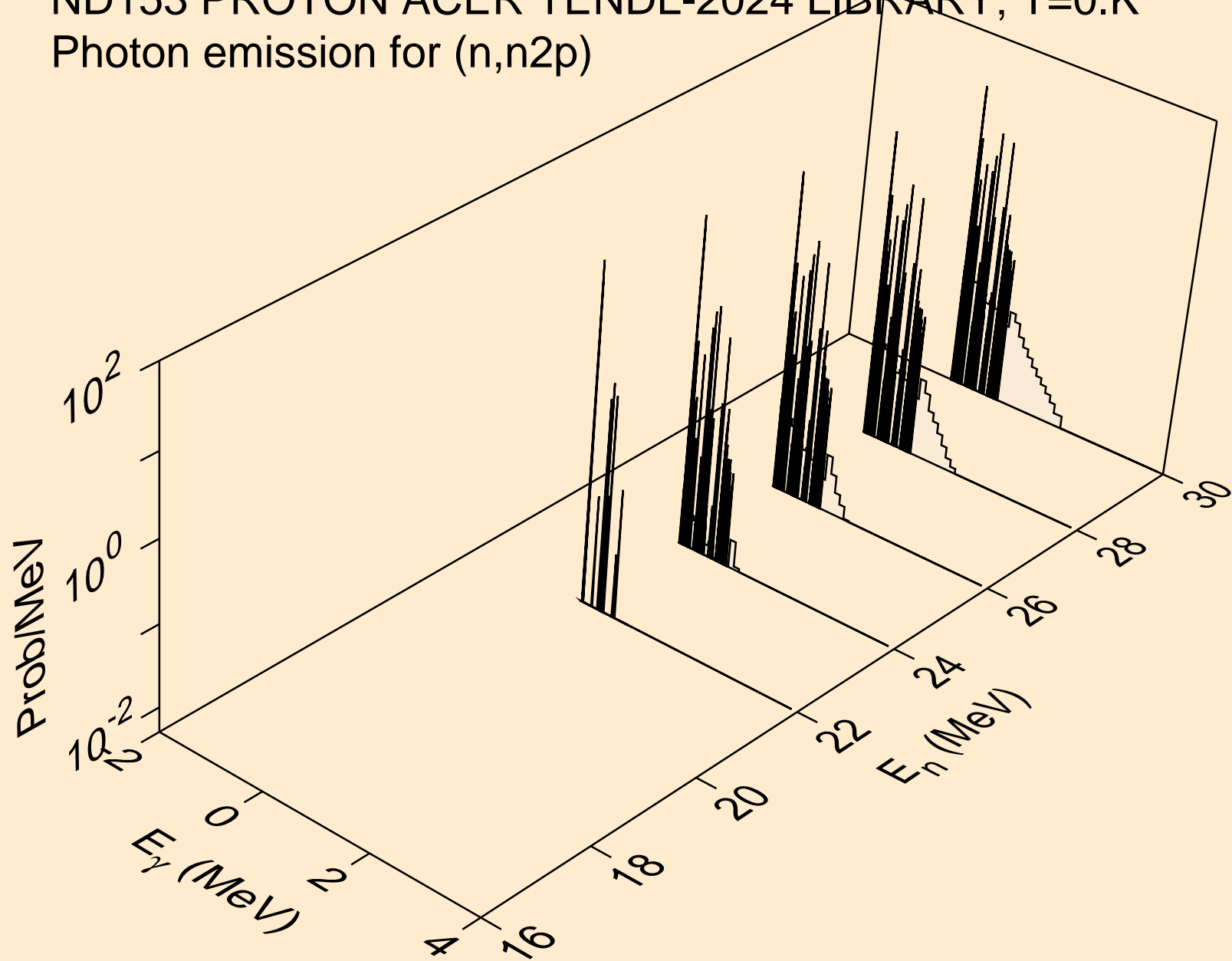
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Photon emission for (n,2np)



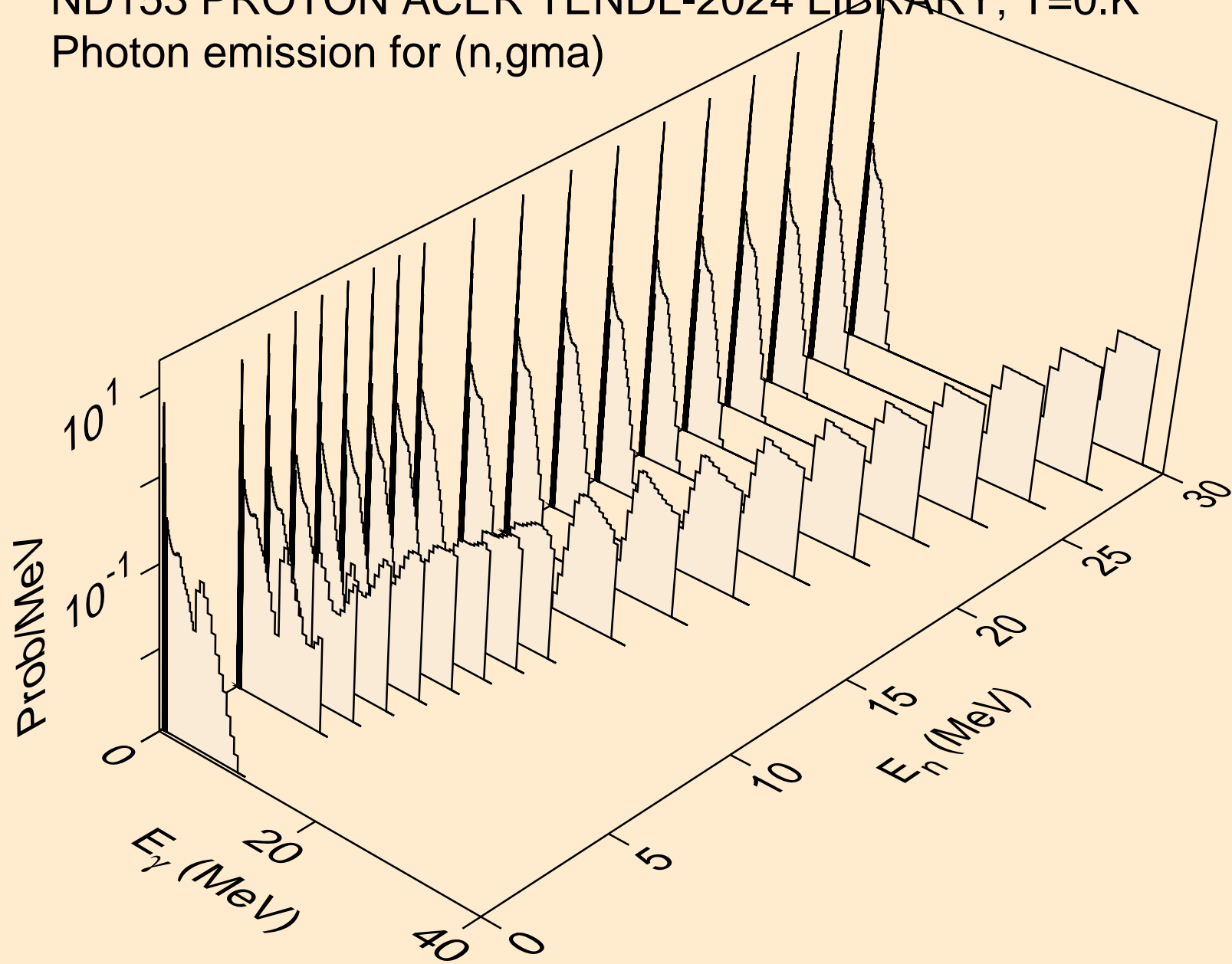
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Photon emission for (n,3np)



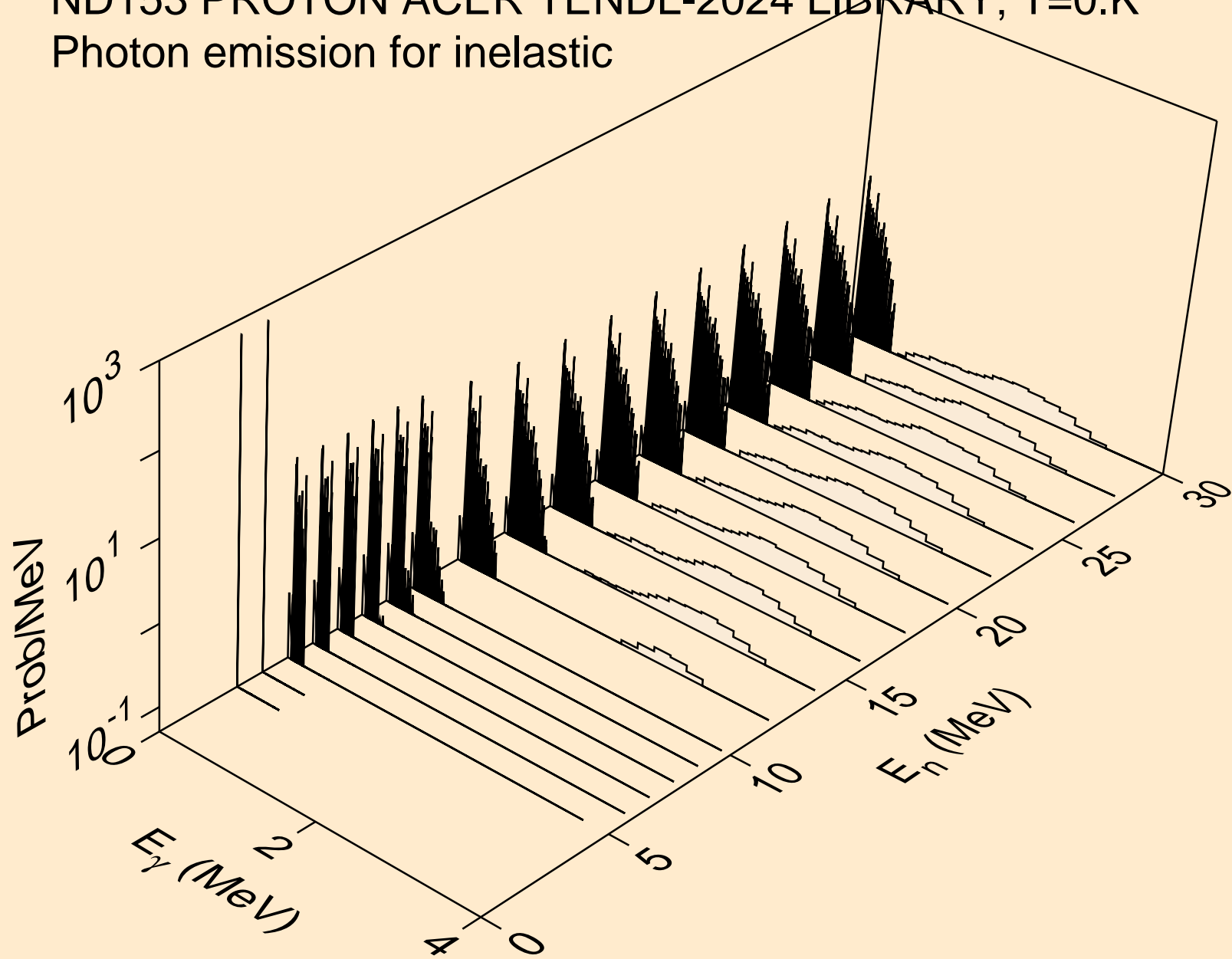
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



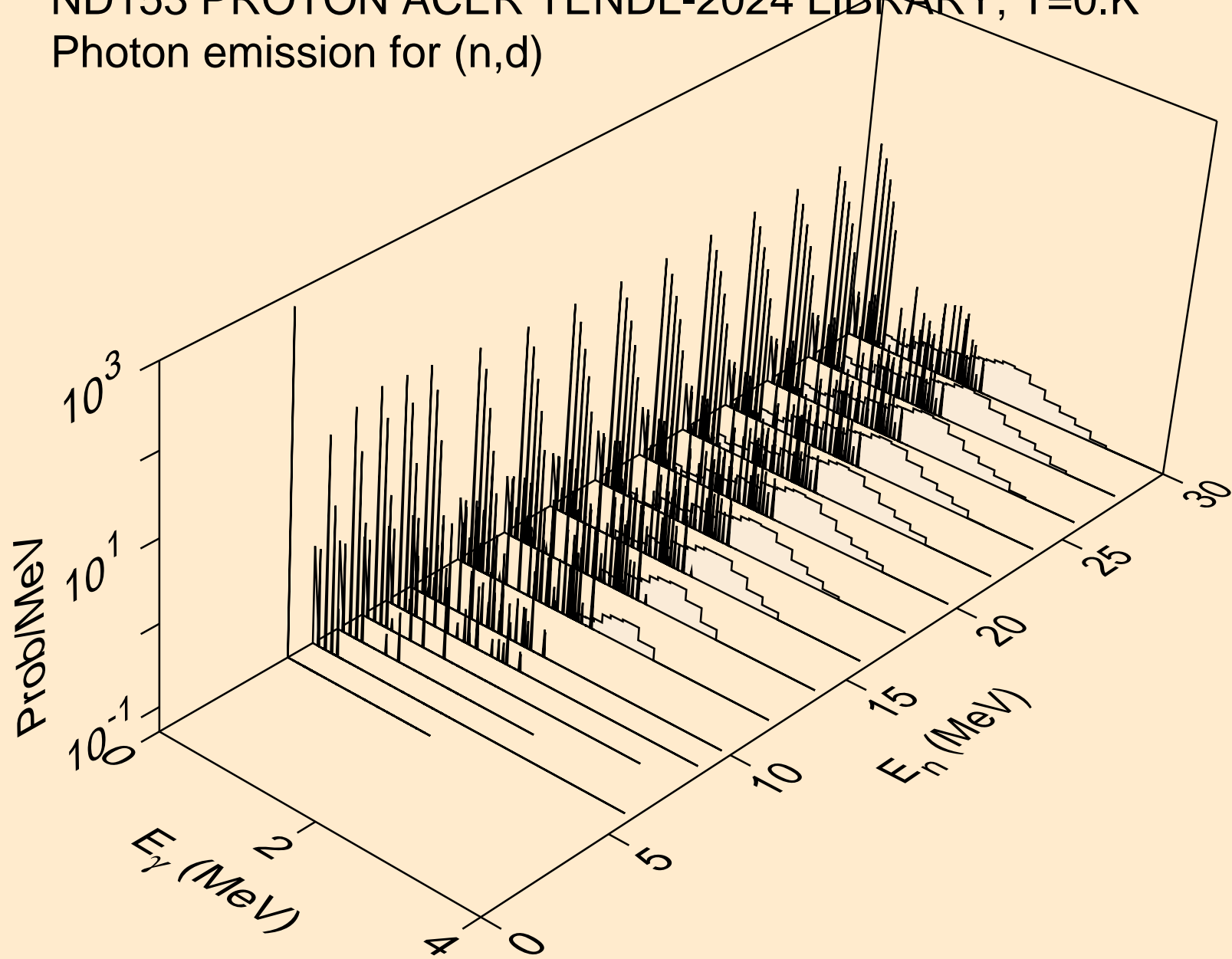
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



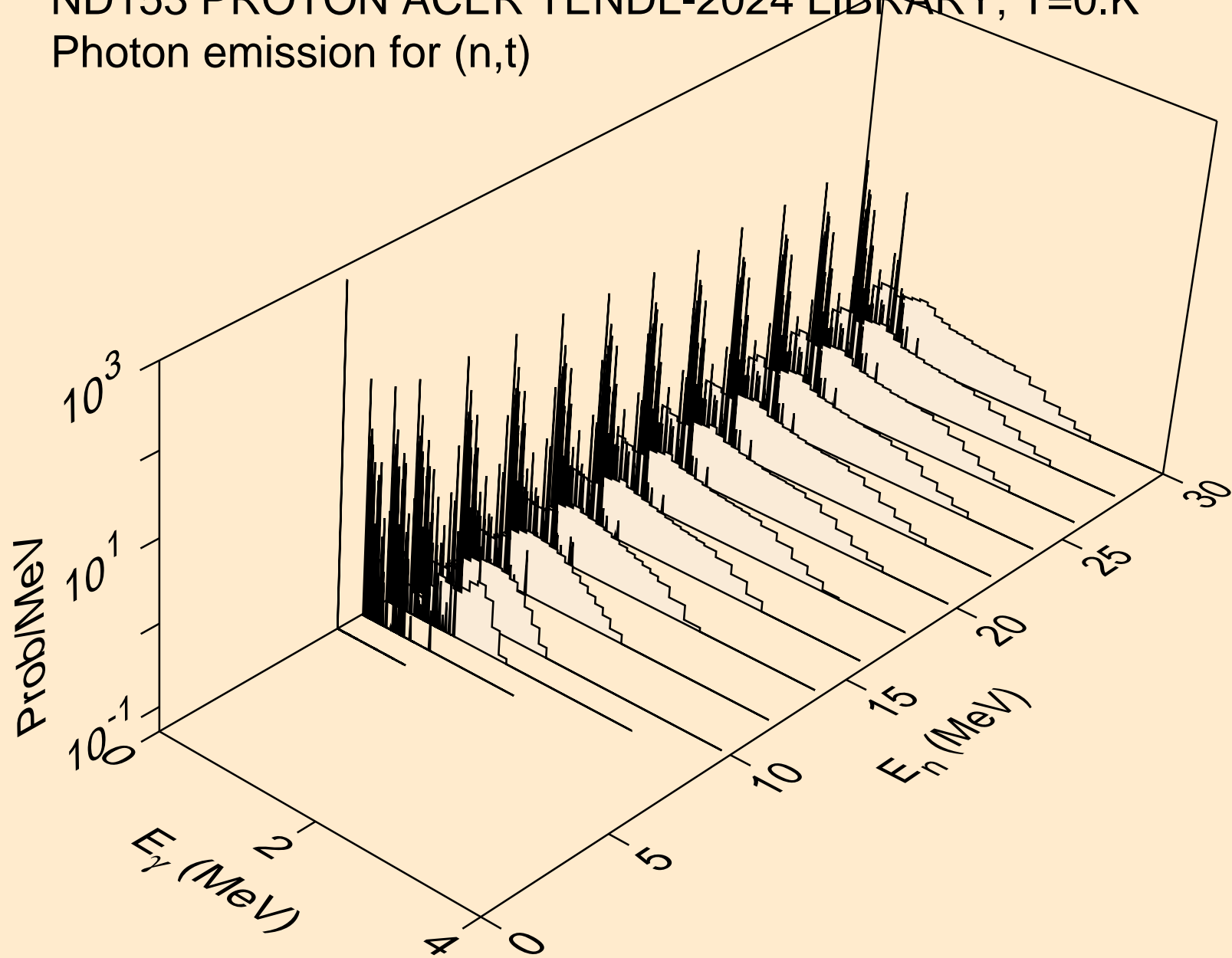
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



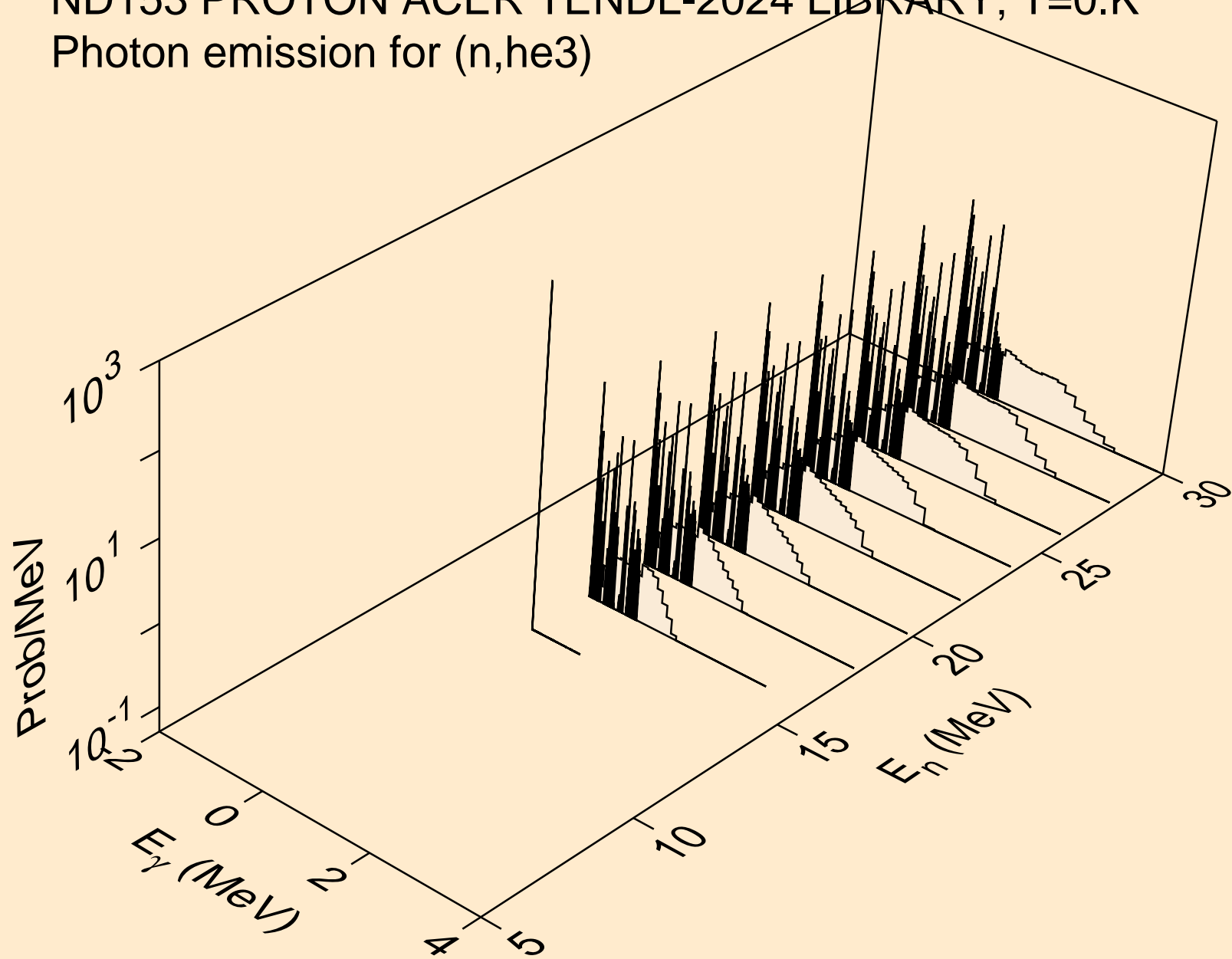
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



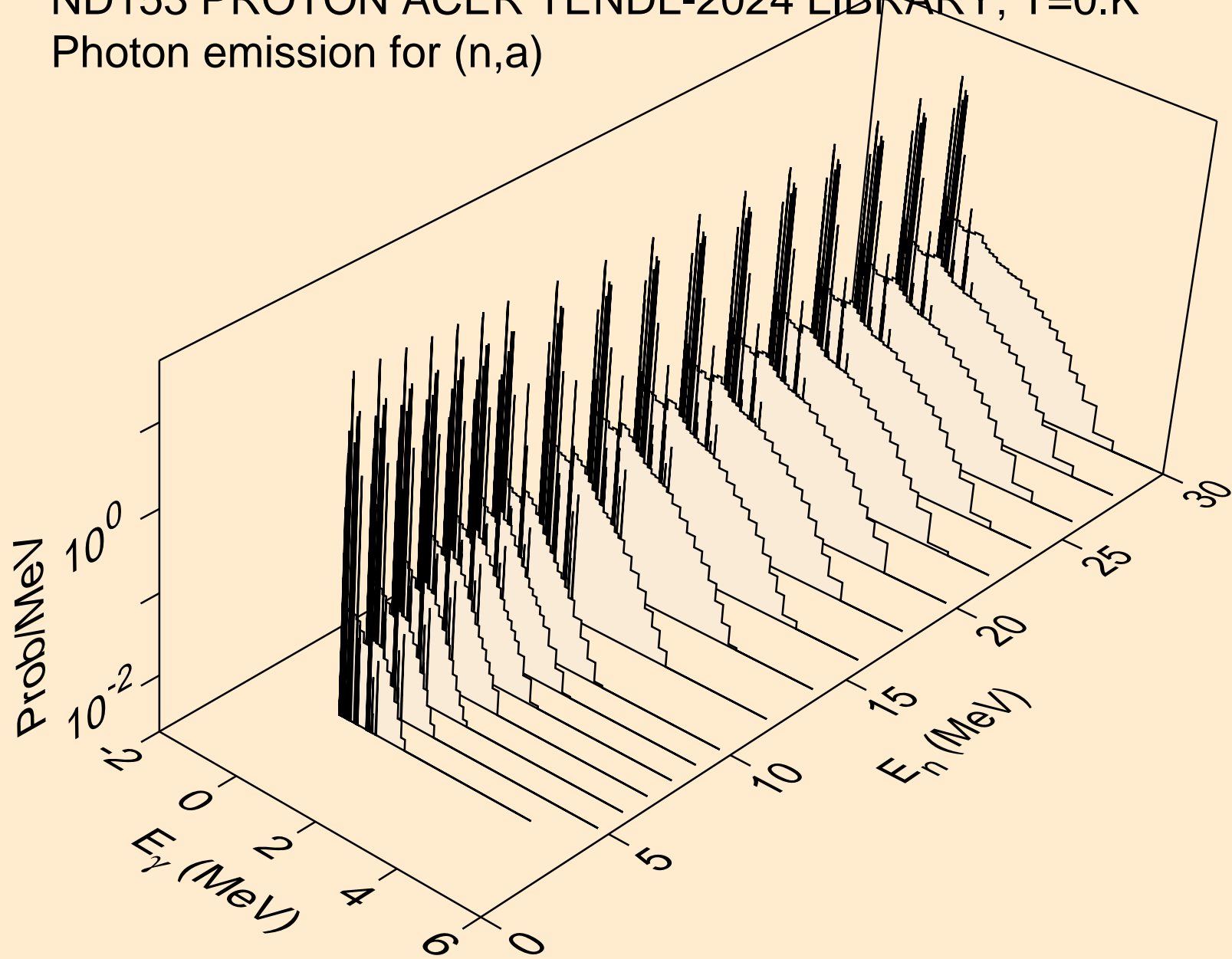
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



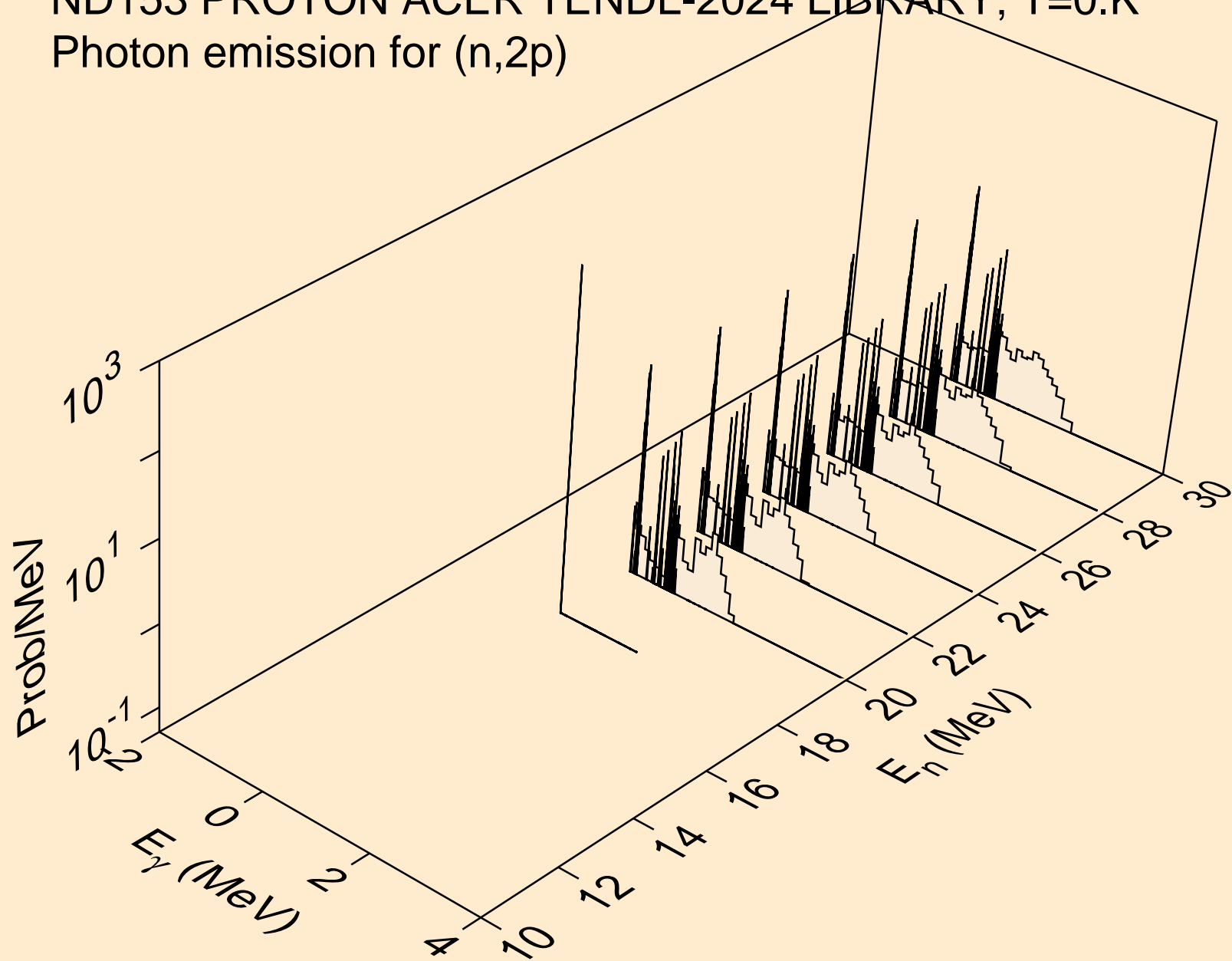
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



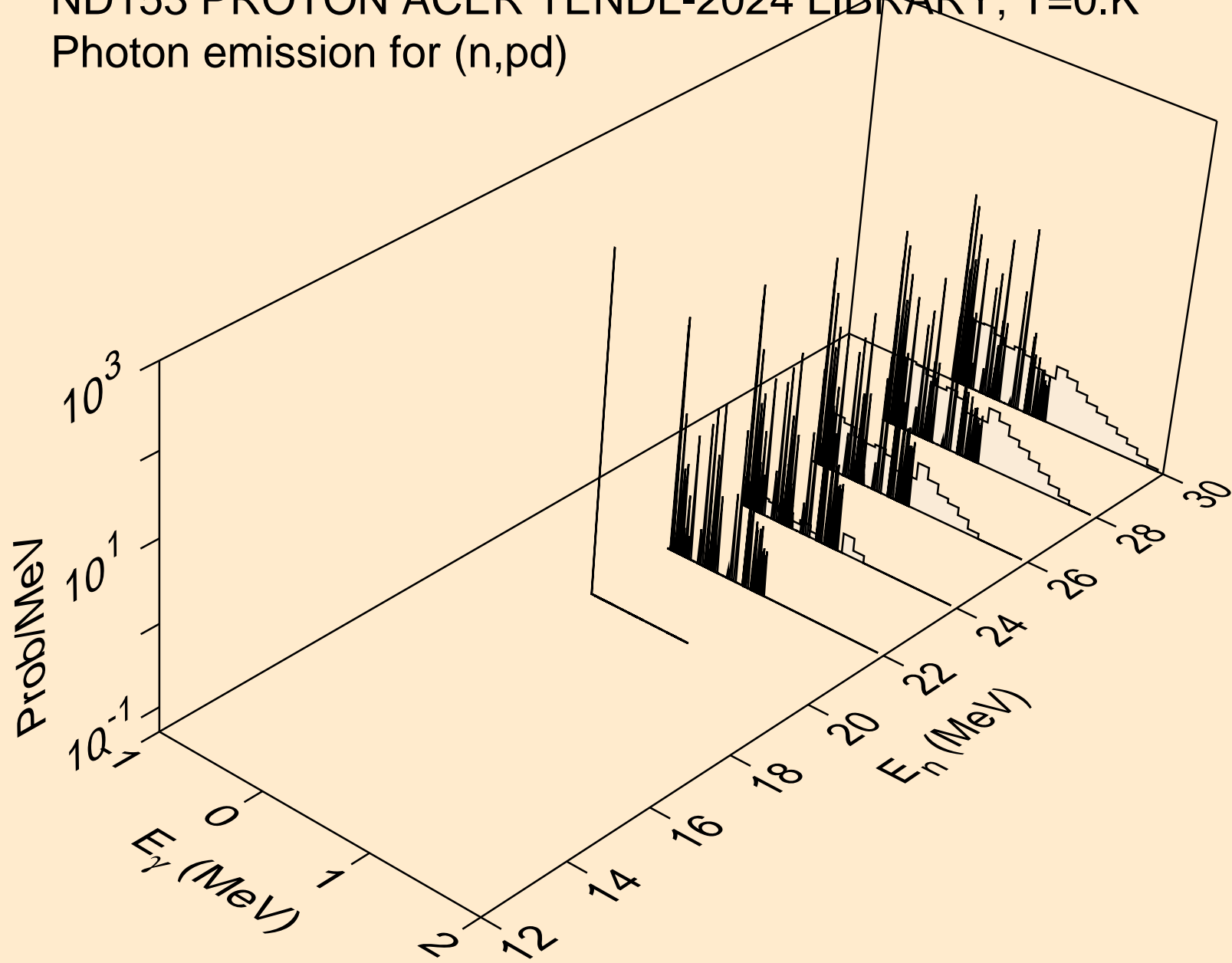
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

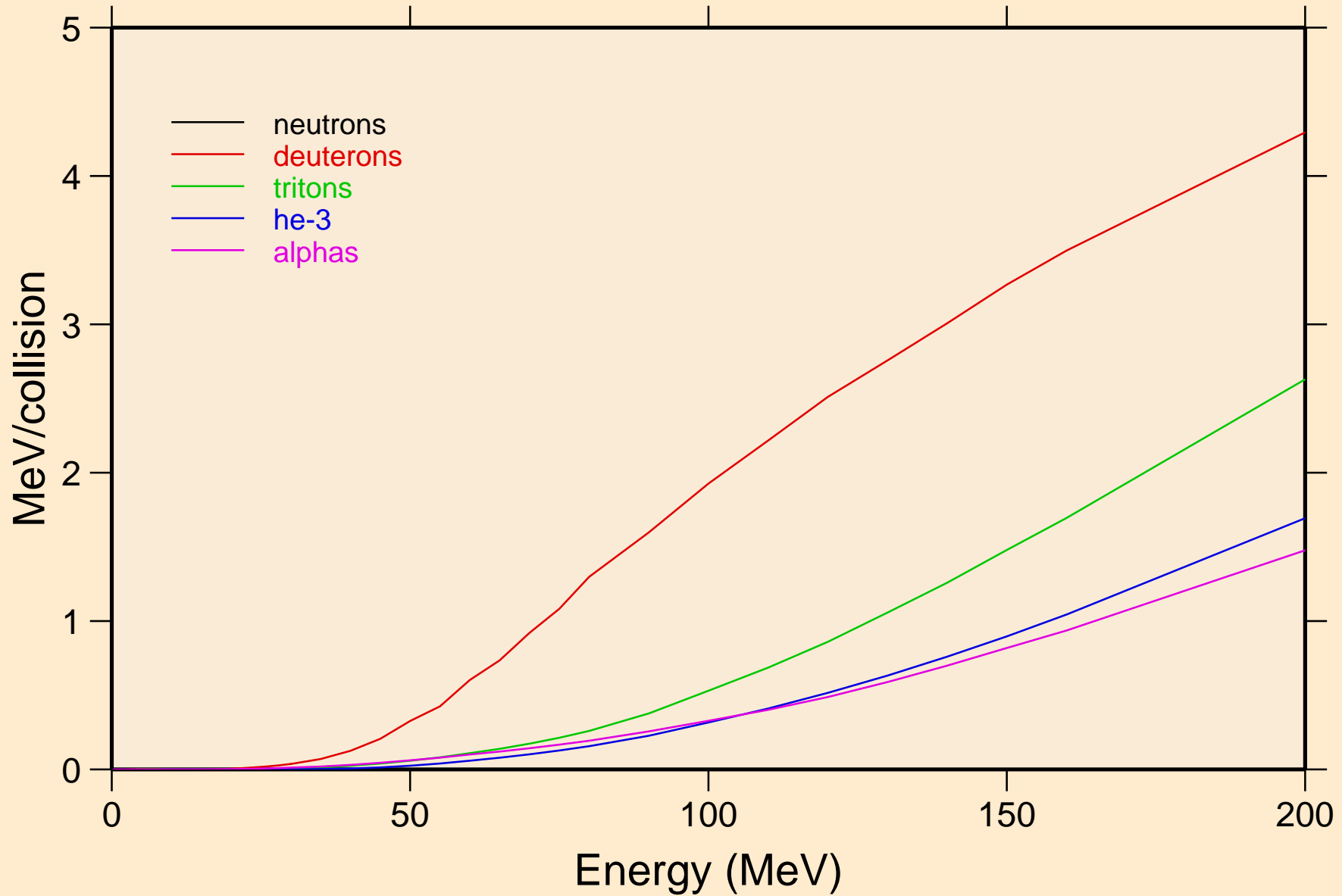


ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

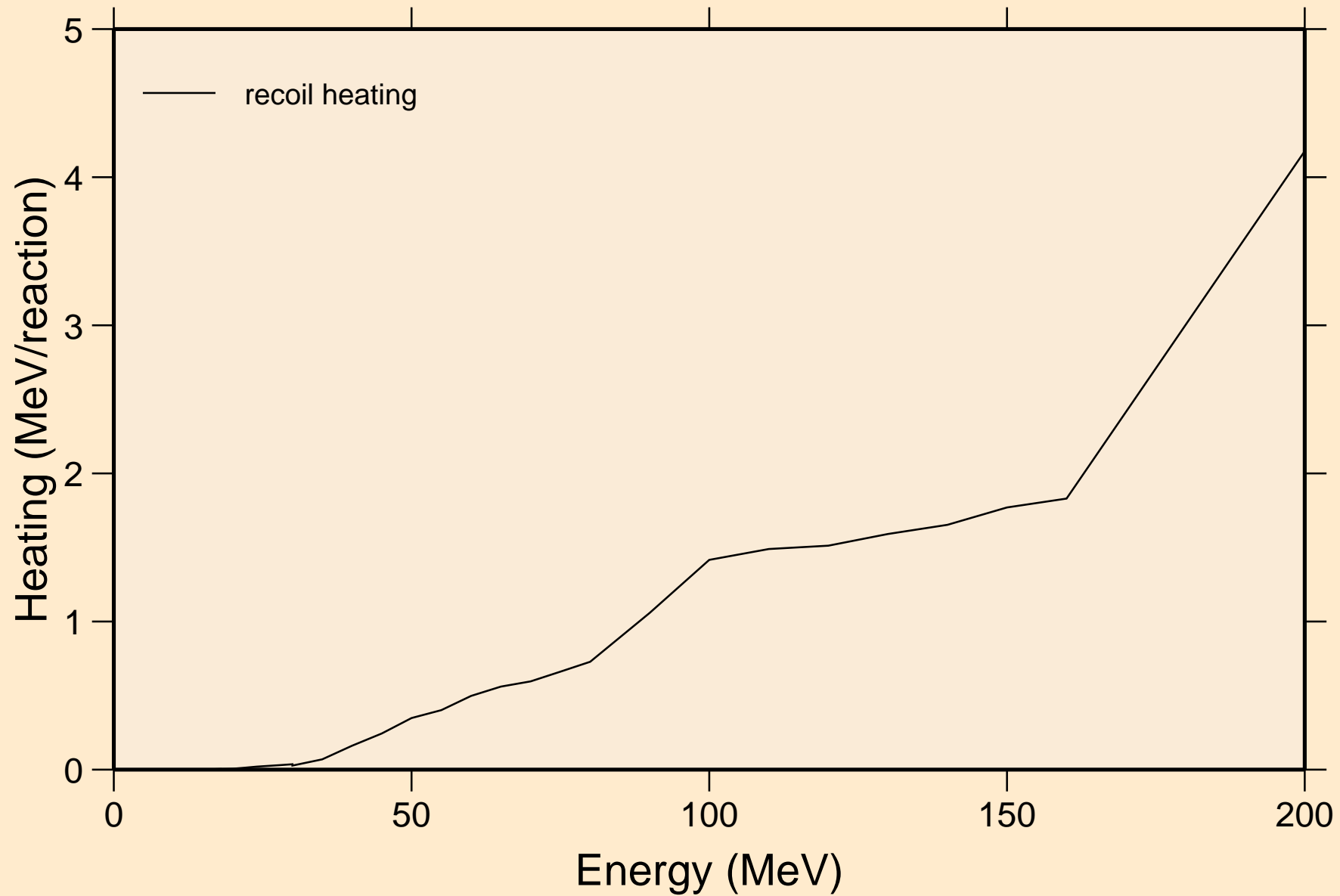


# ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K

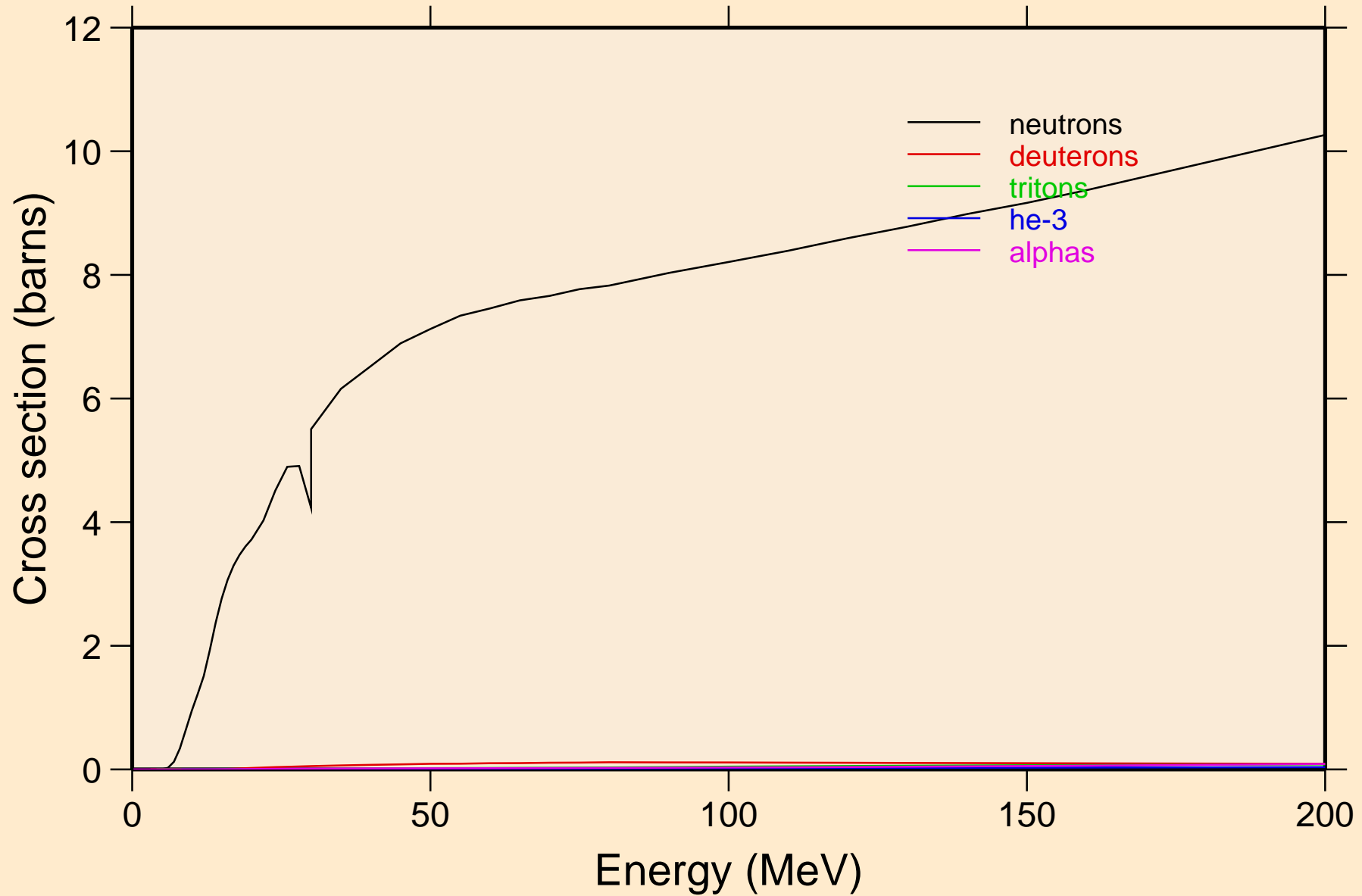
## Particle heating contributions



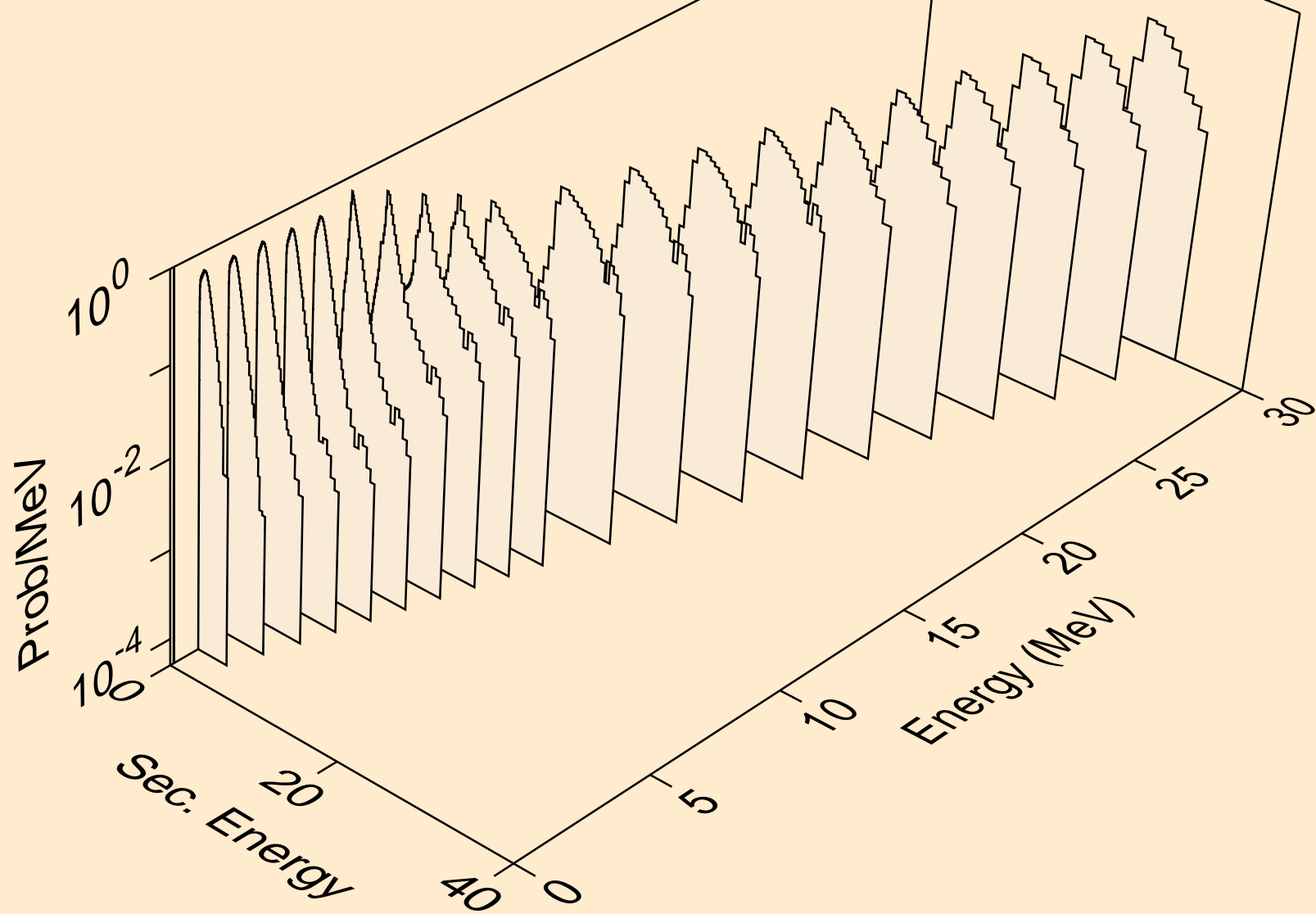
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



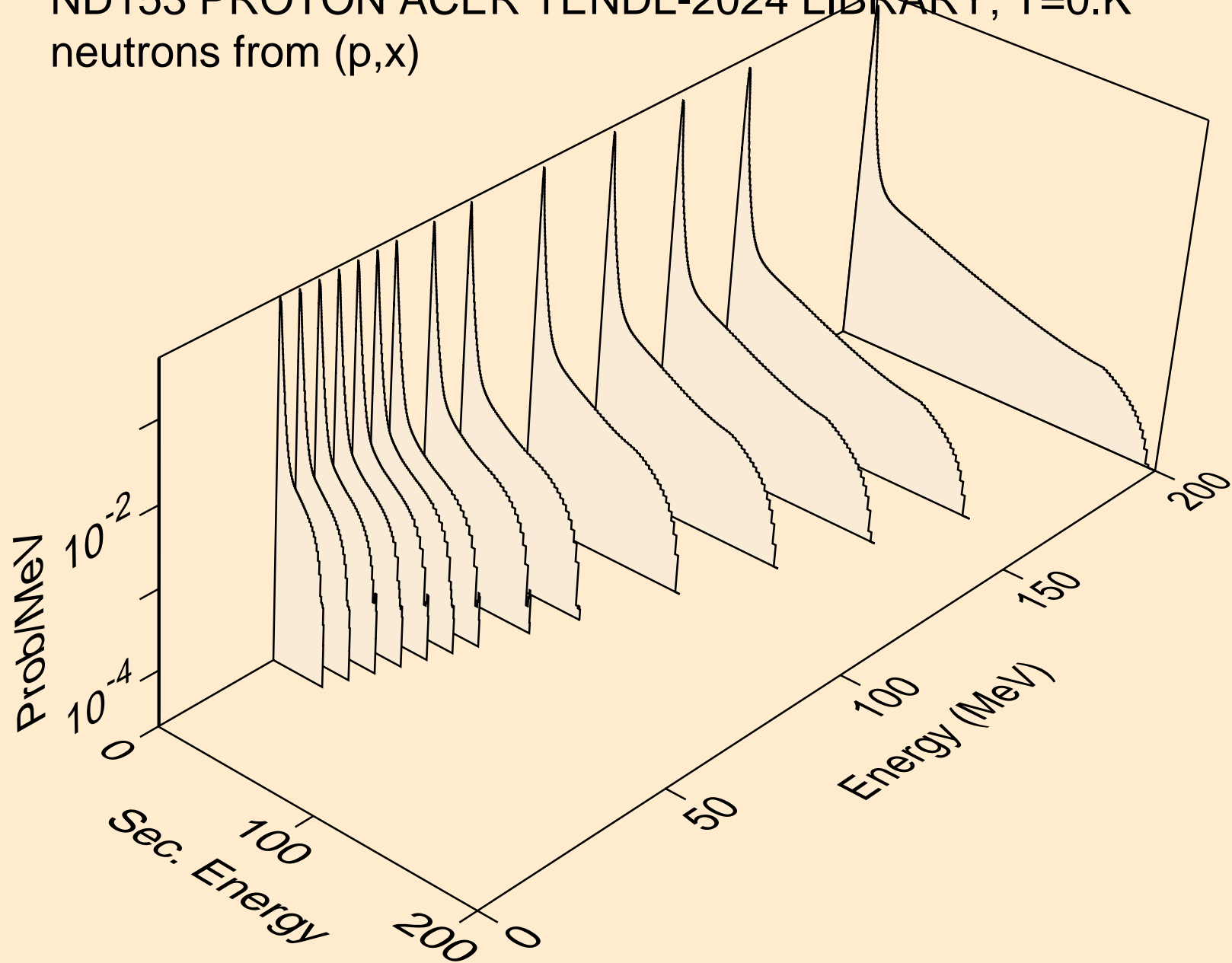
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



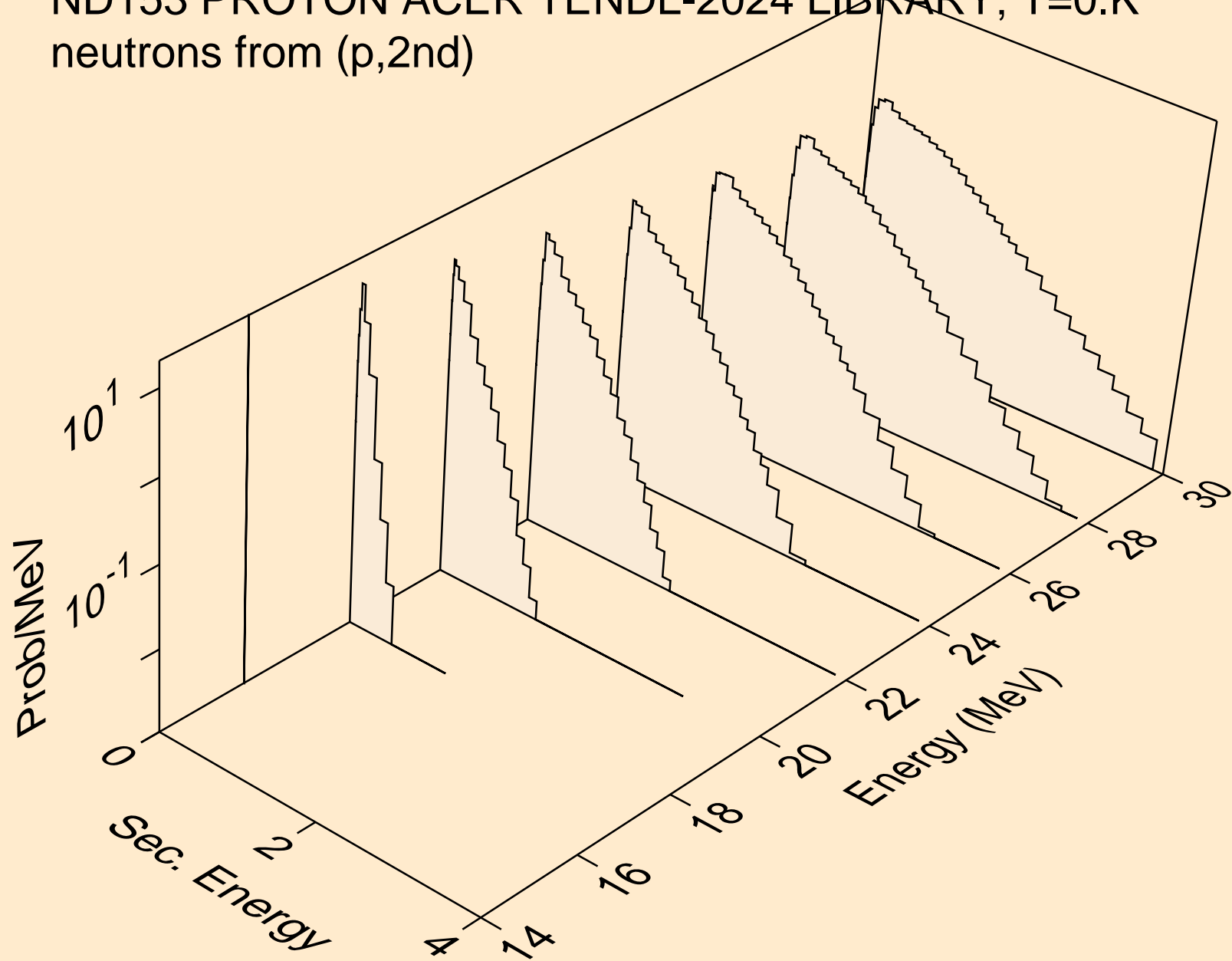
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



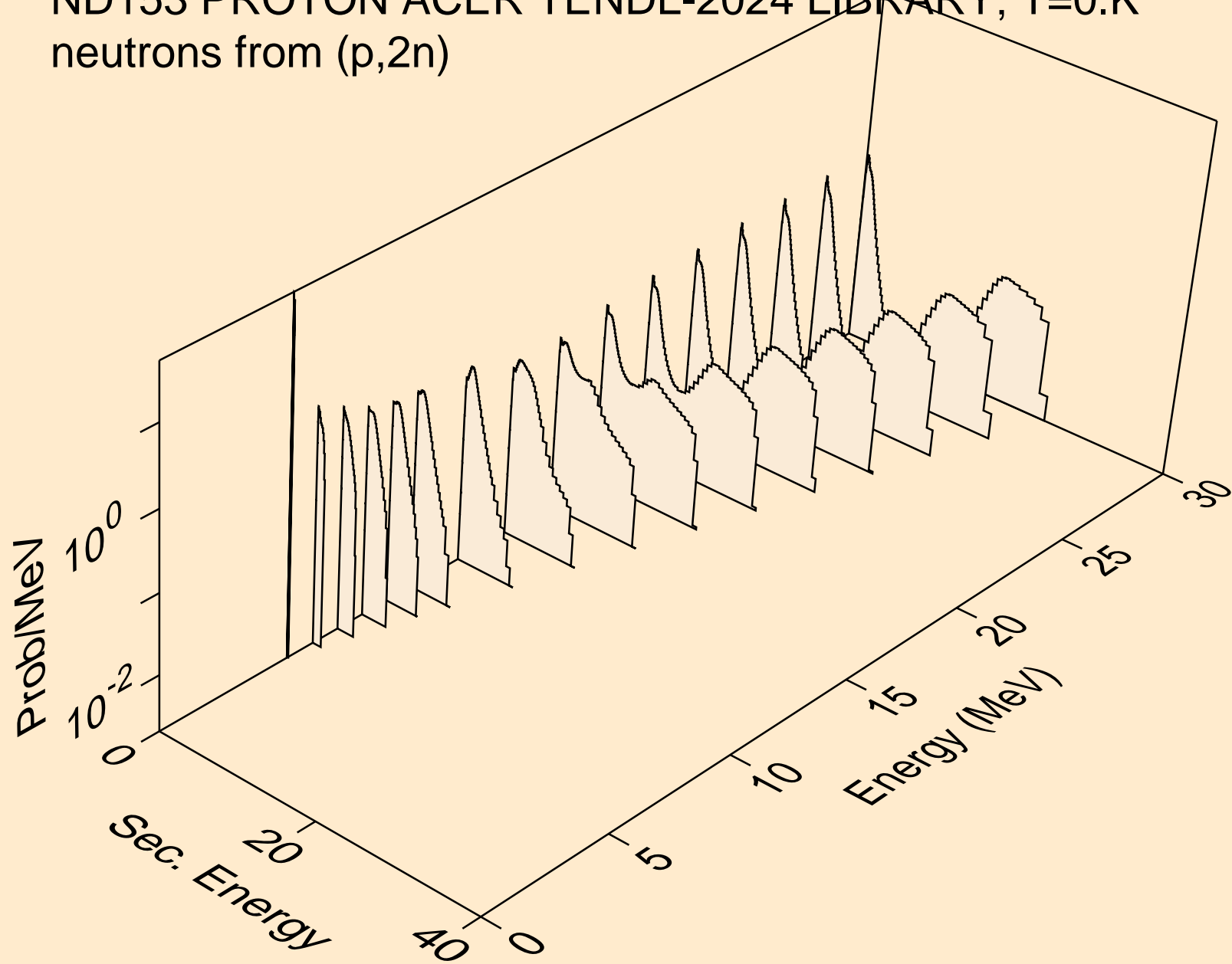
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



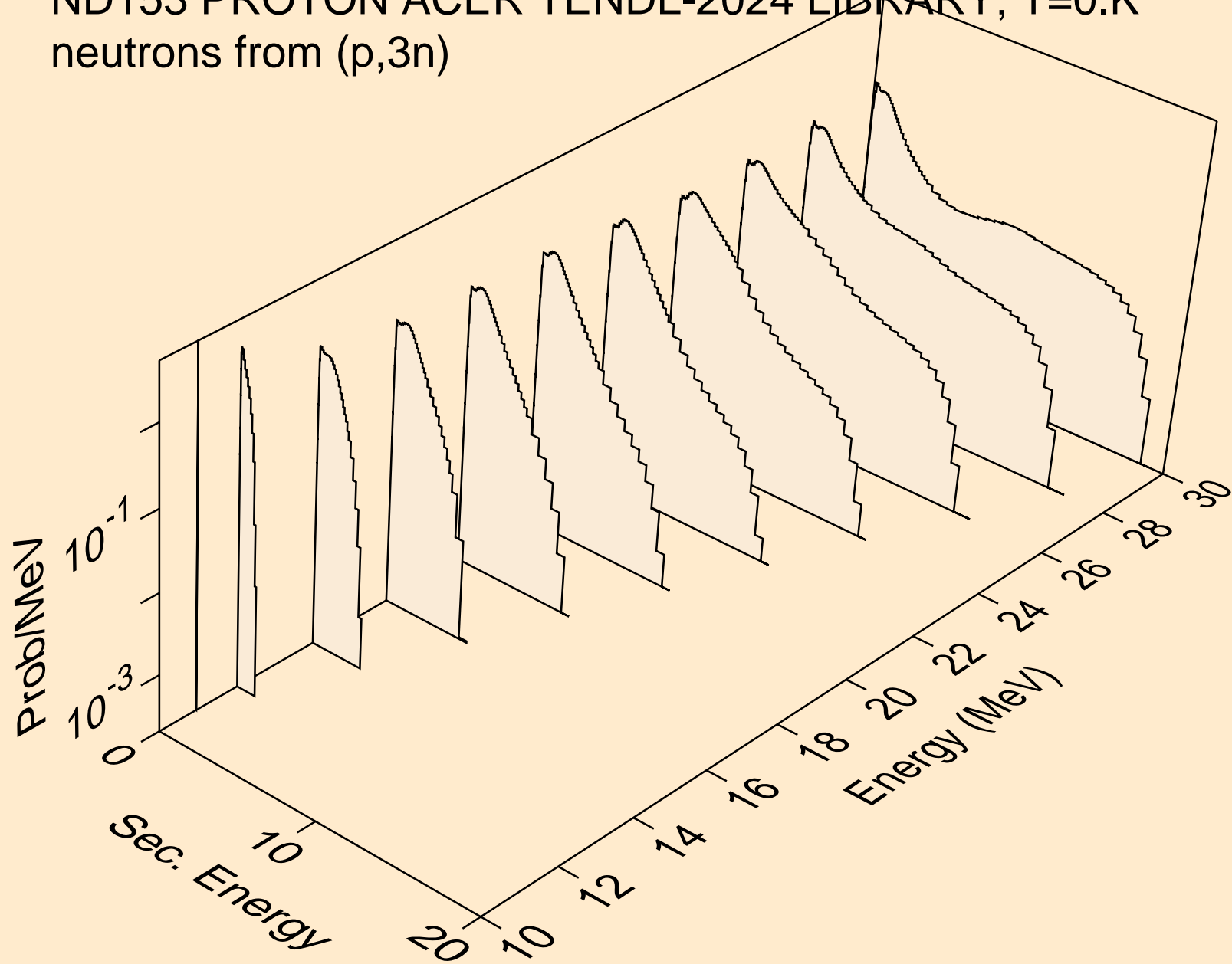
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2nd)



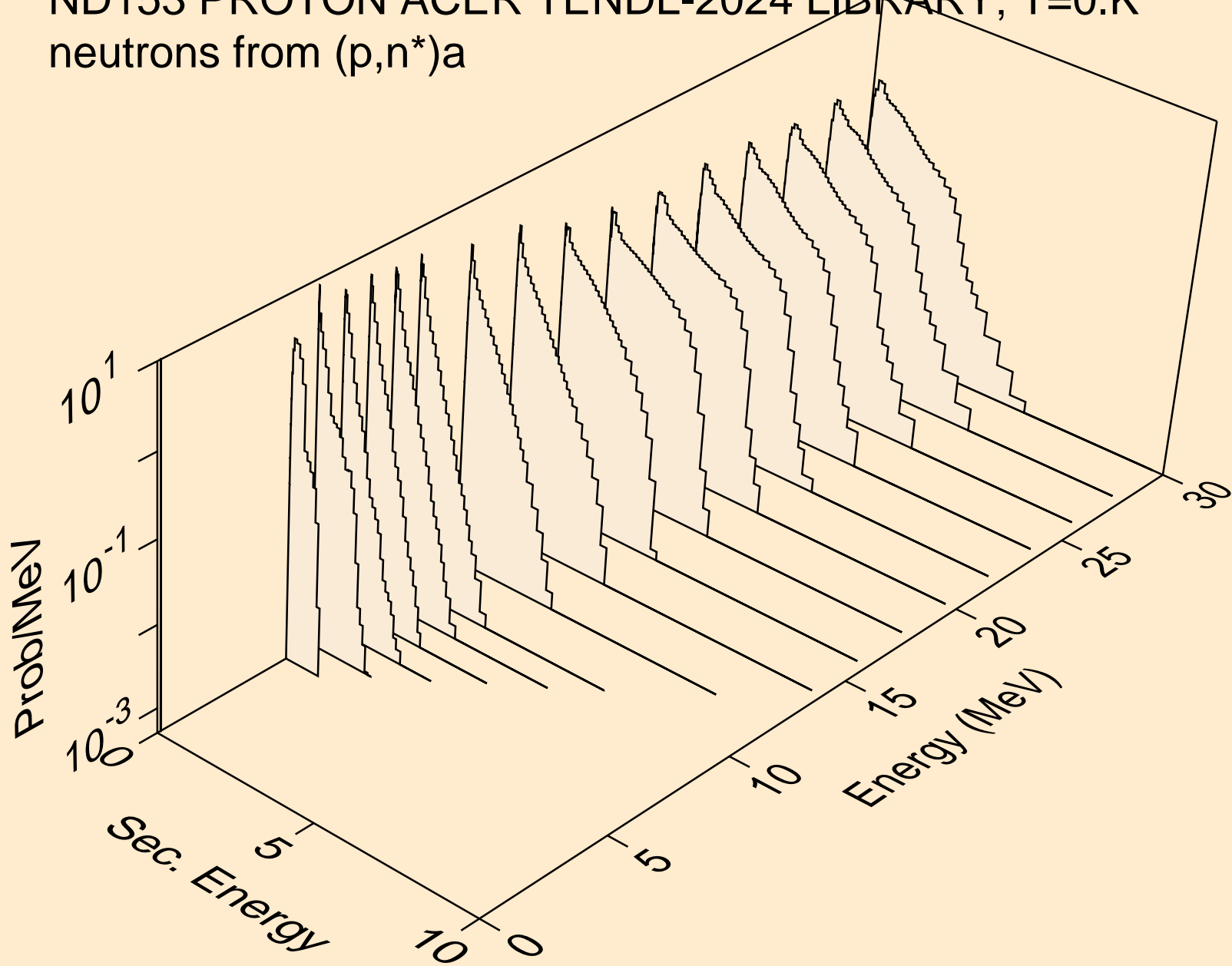
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



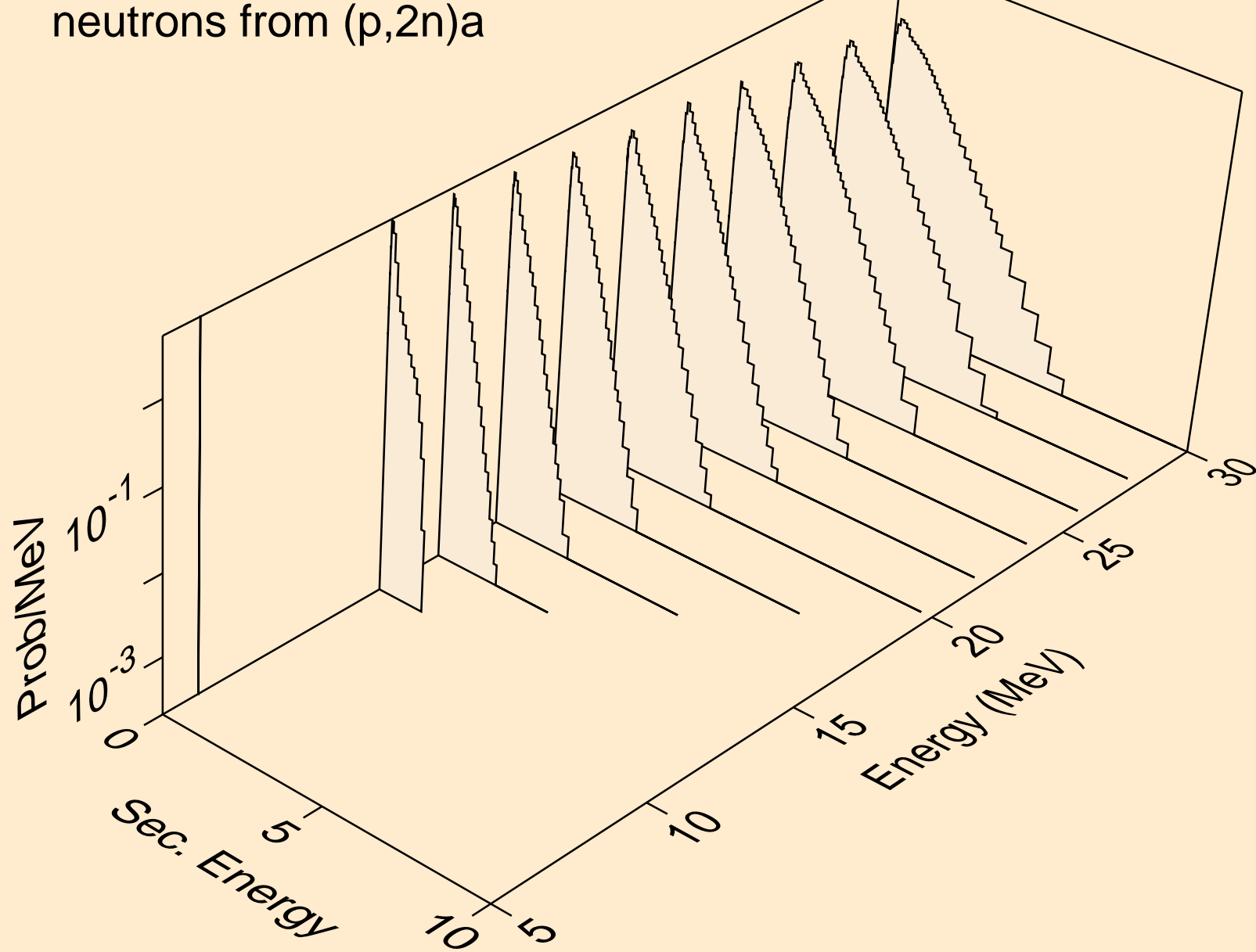
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



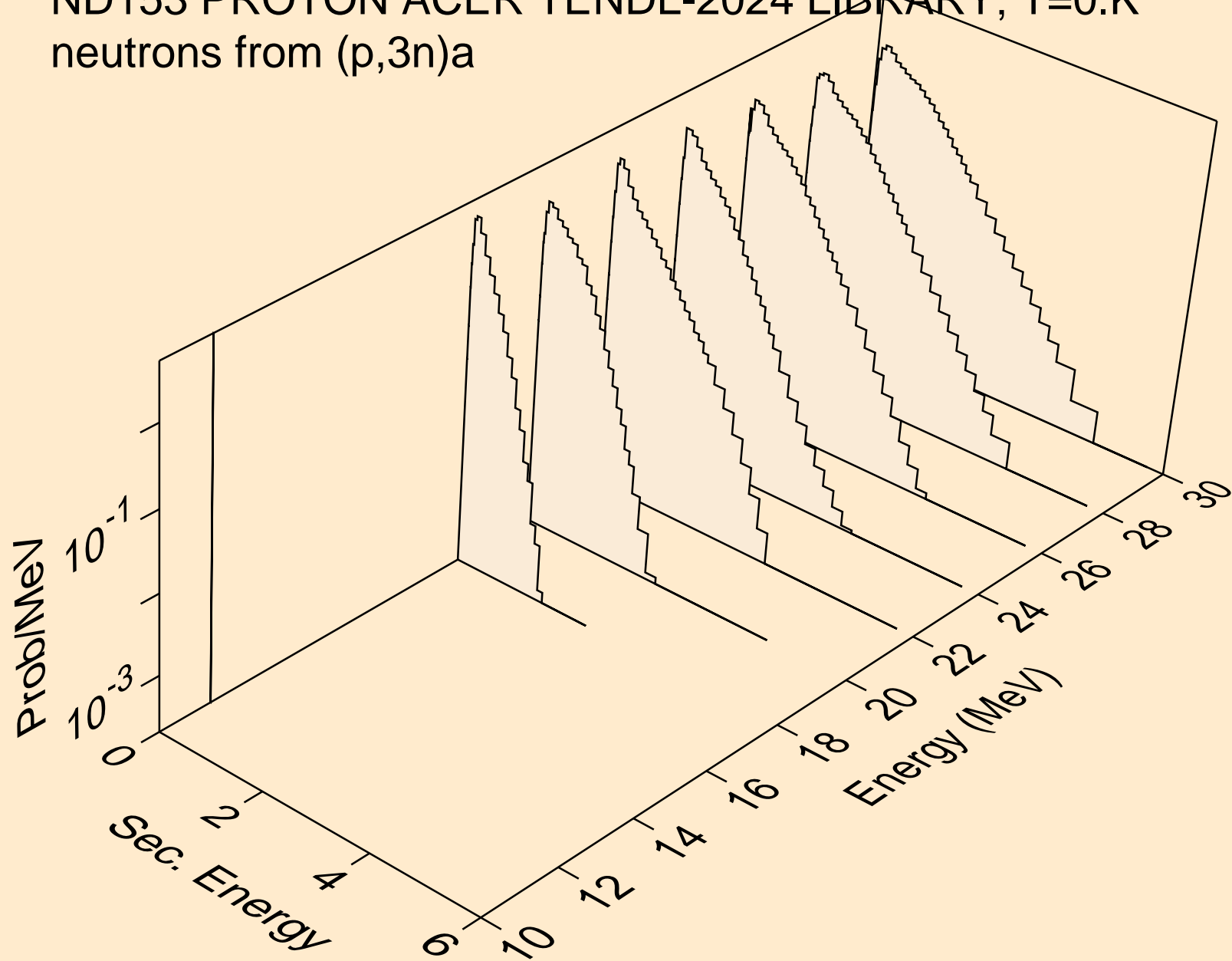
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



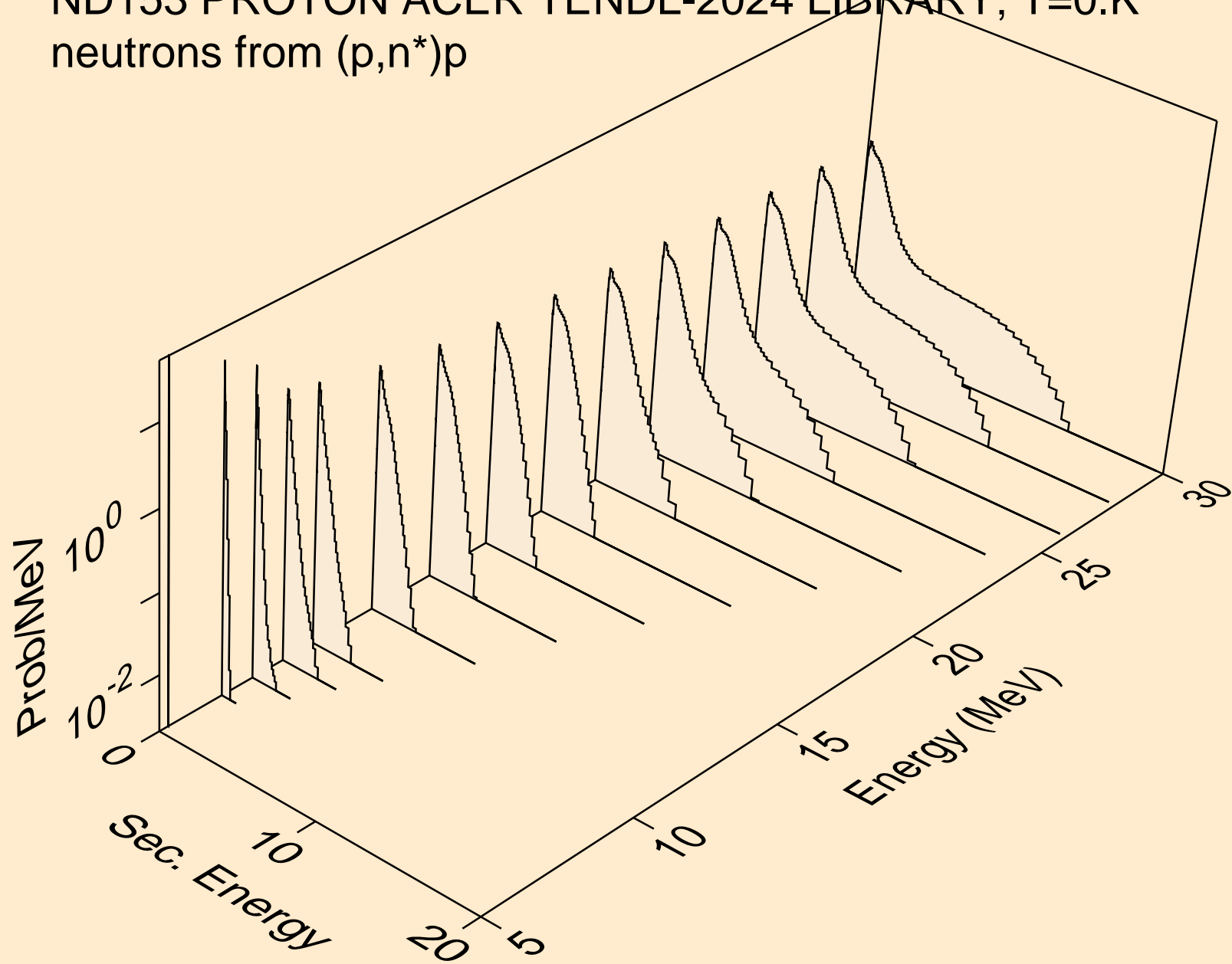
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)a



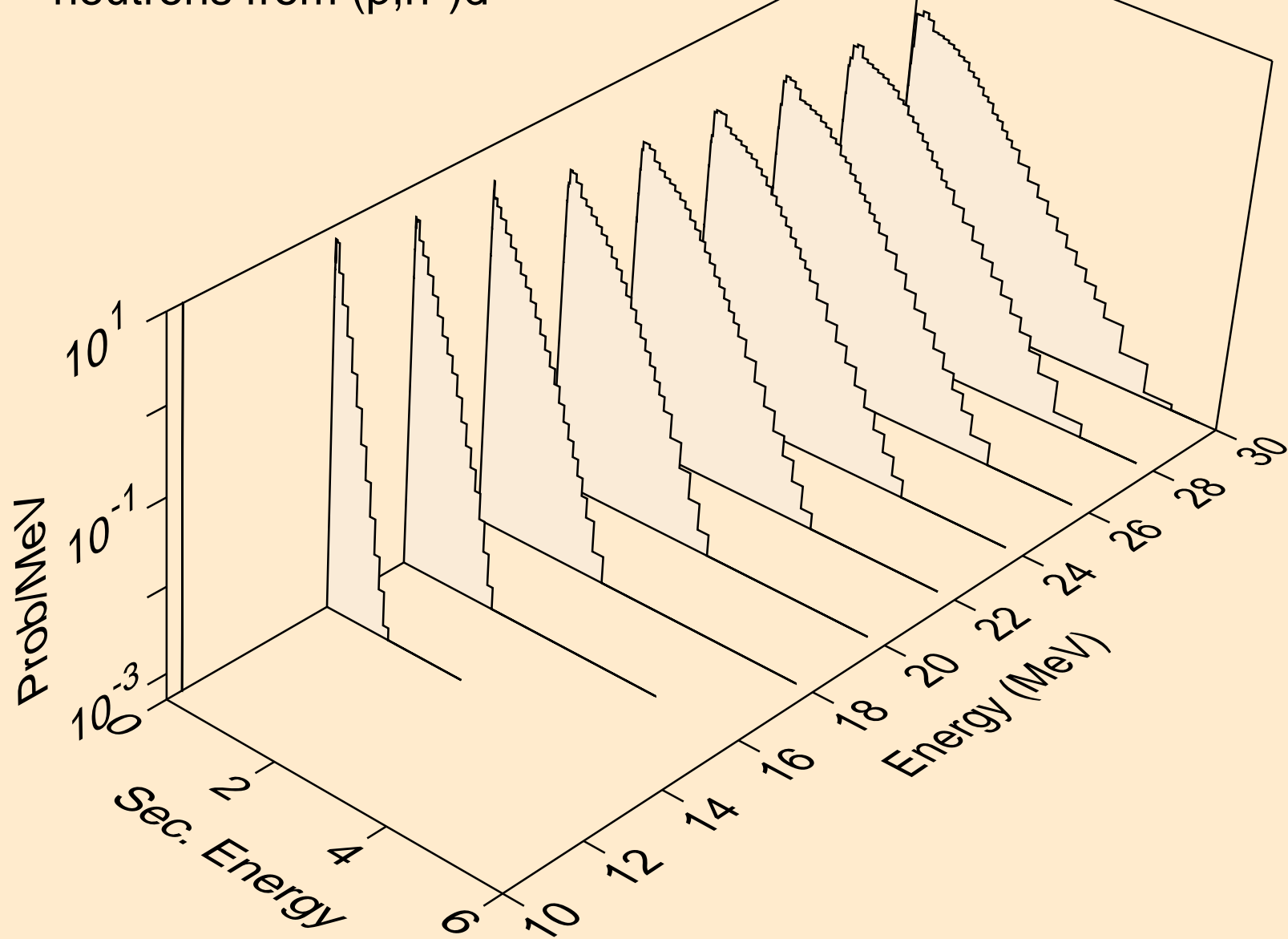
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neutrons from (p,3n)a



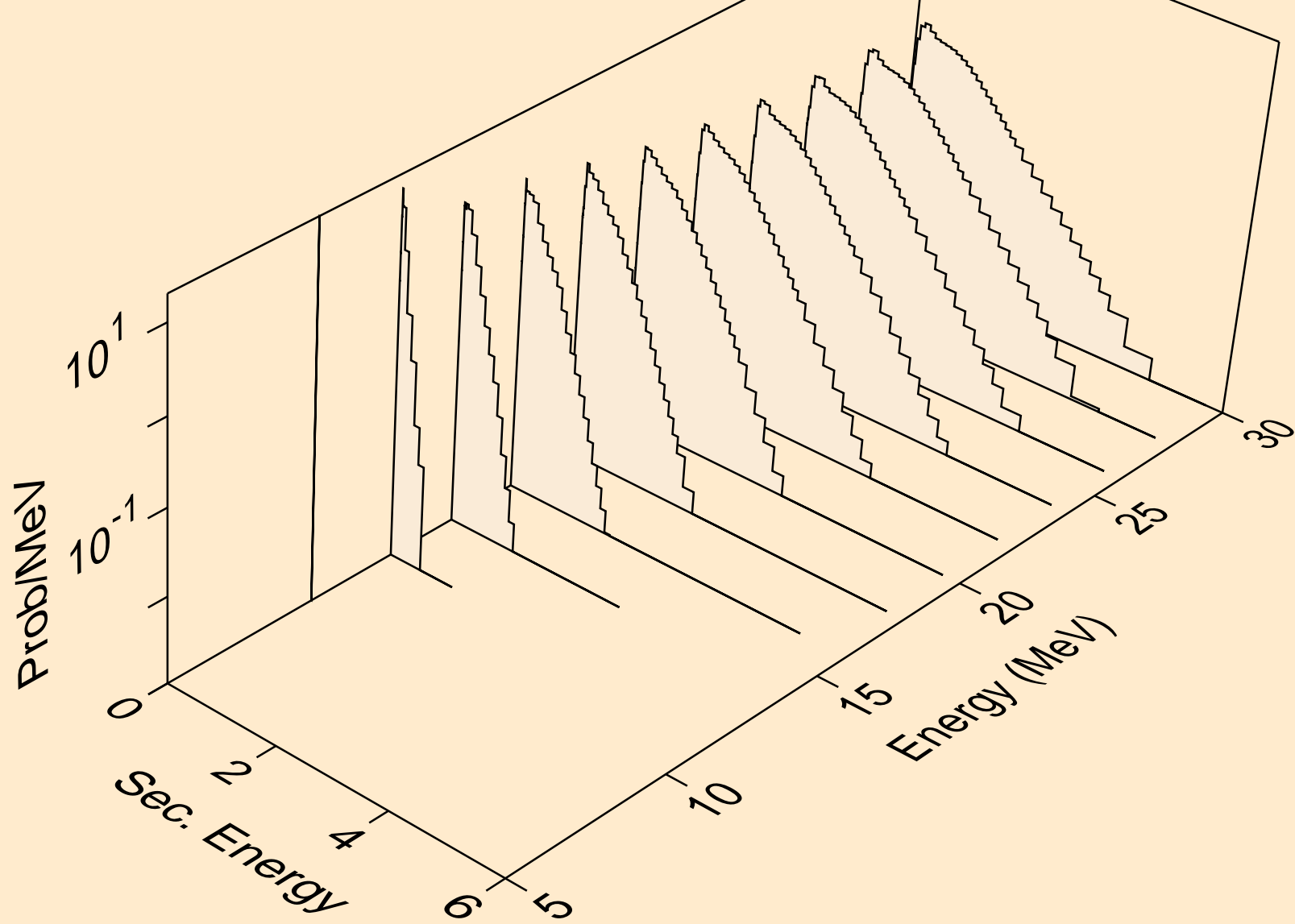
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



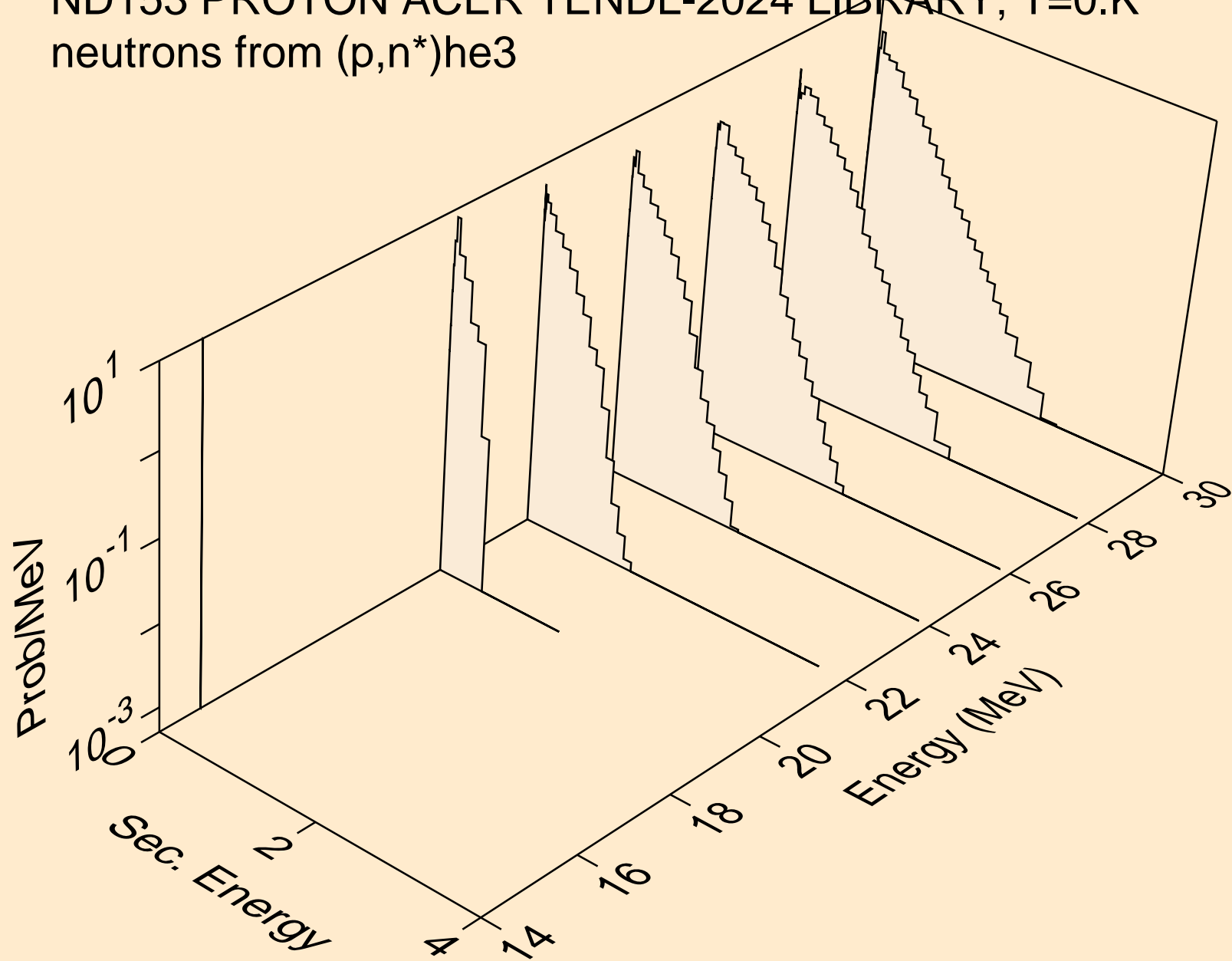
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)d



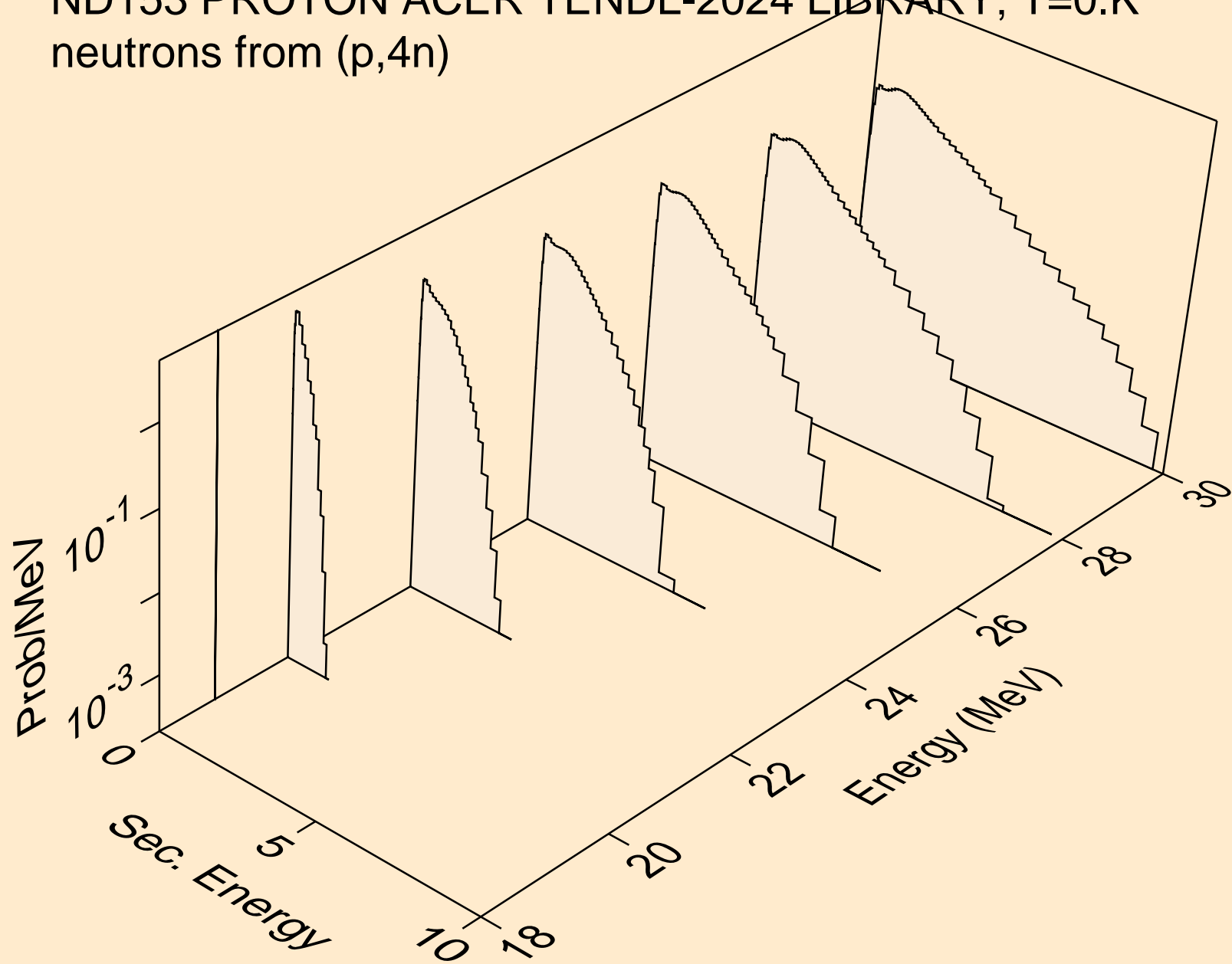
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)t



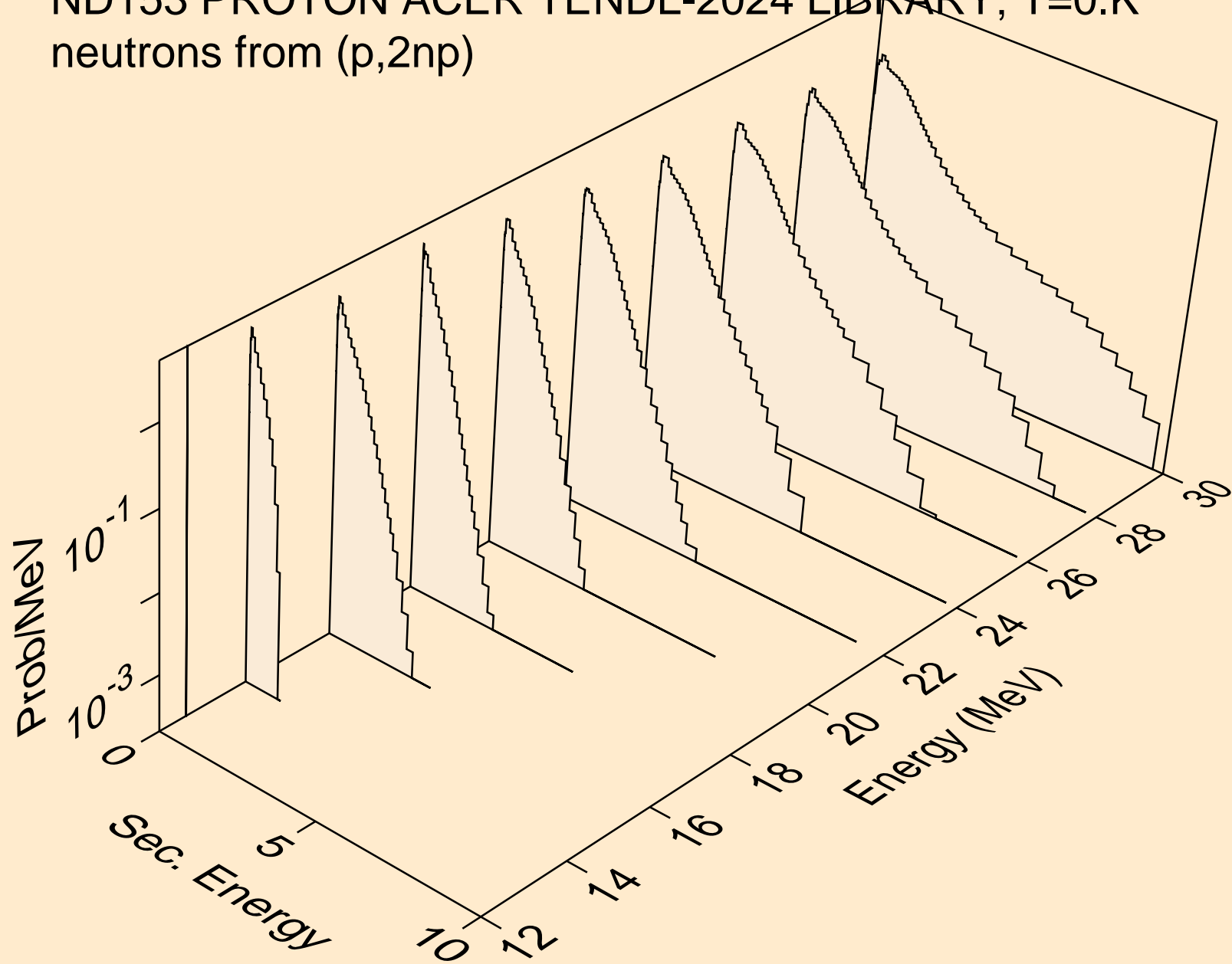
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



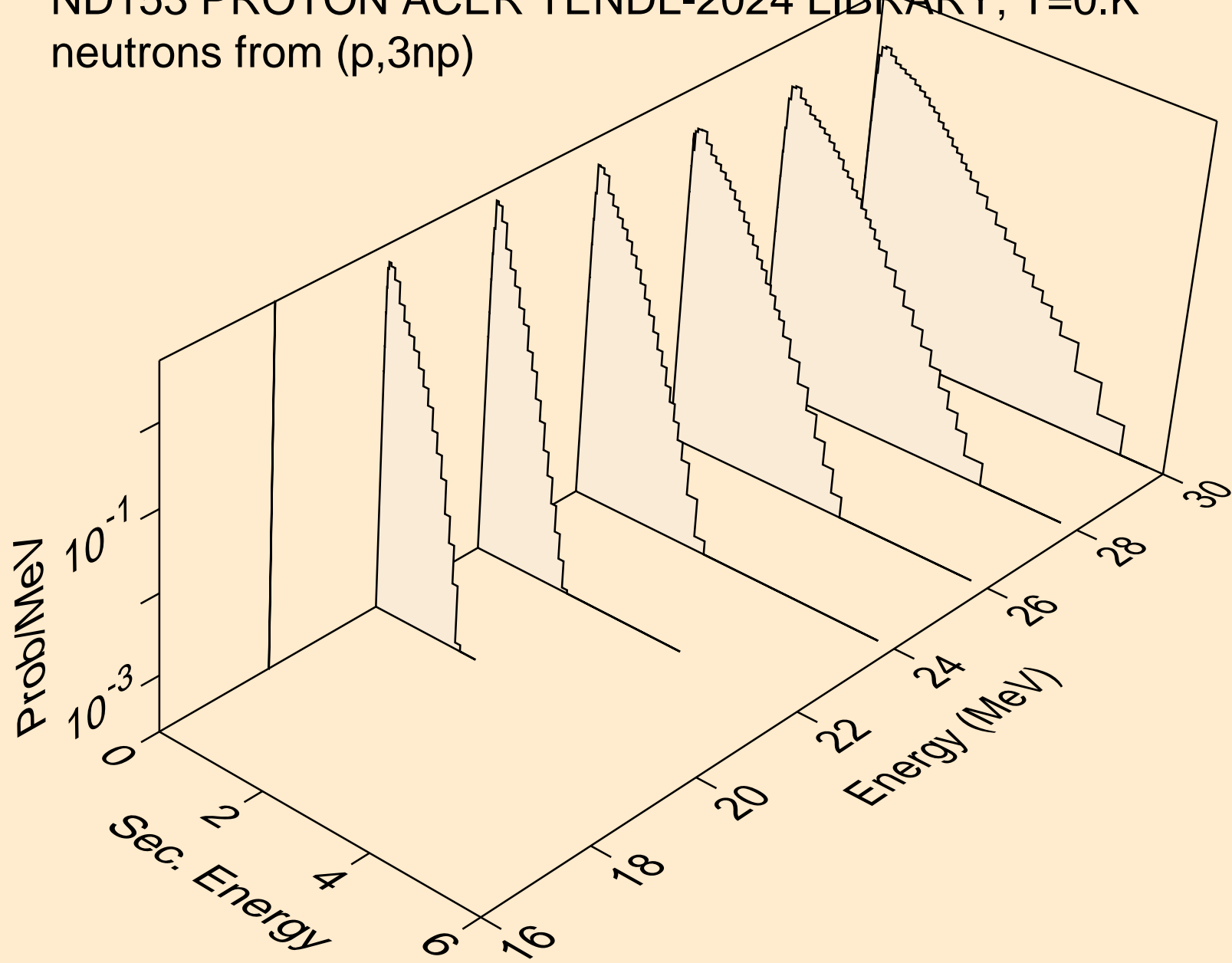
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,4n)



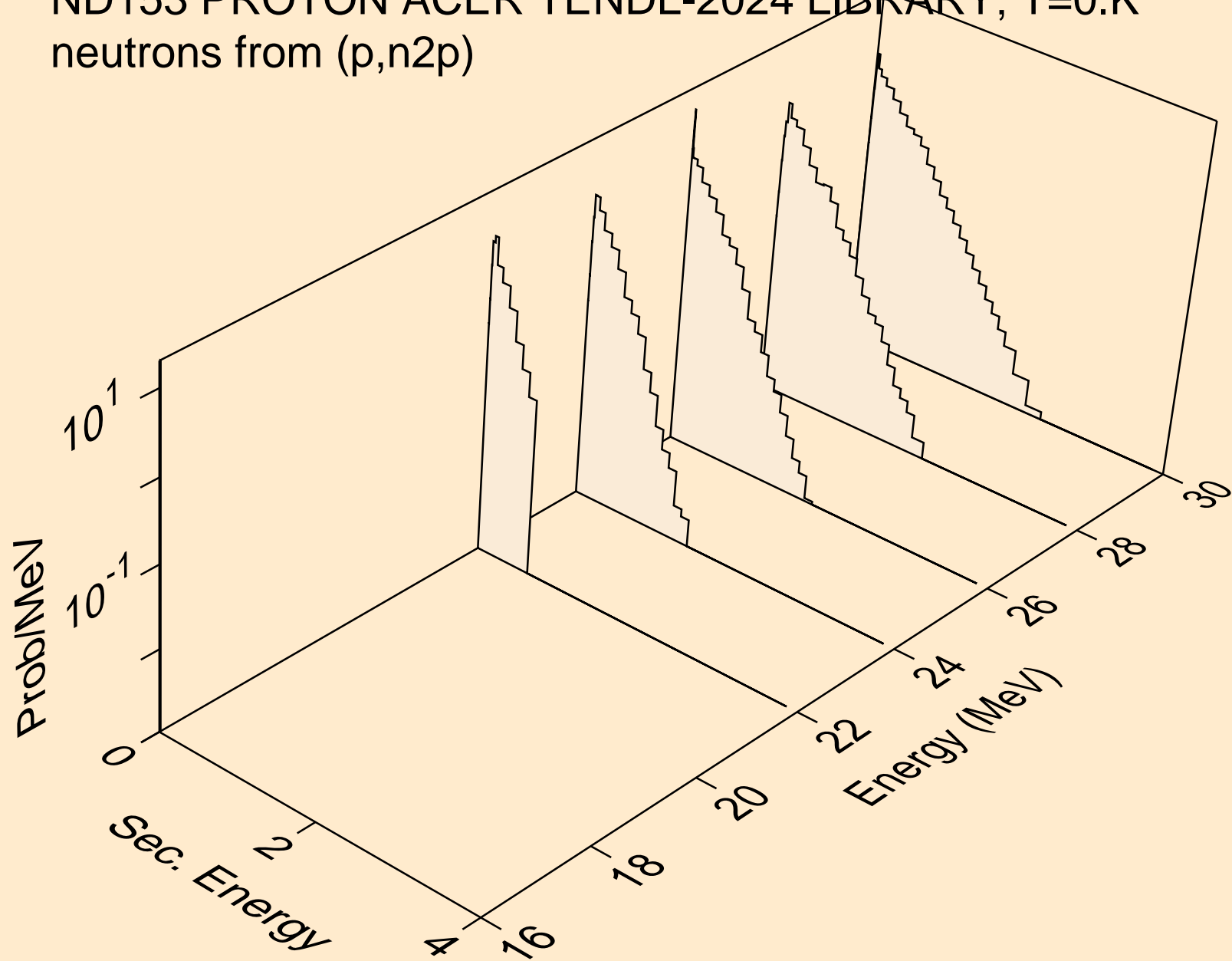
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2np)



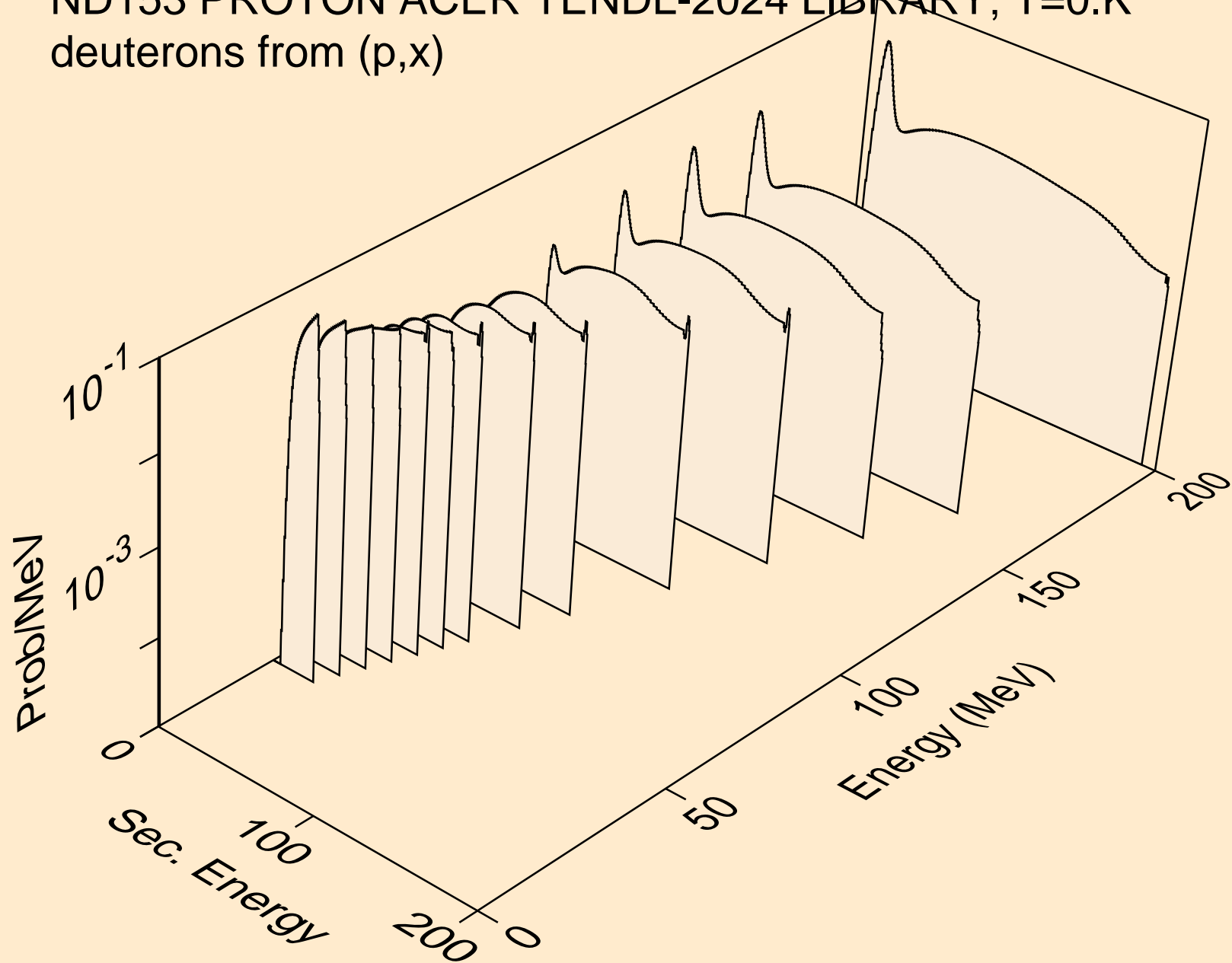
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3np)



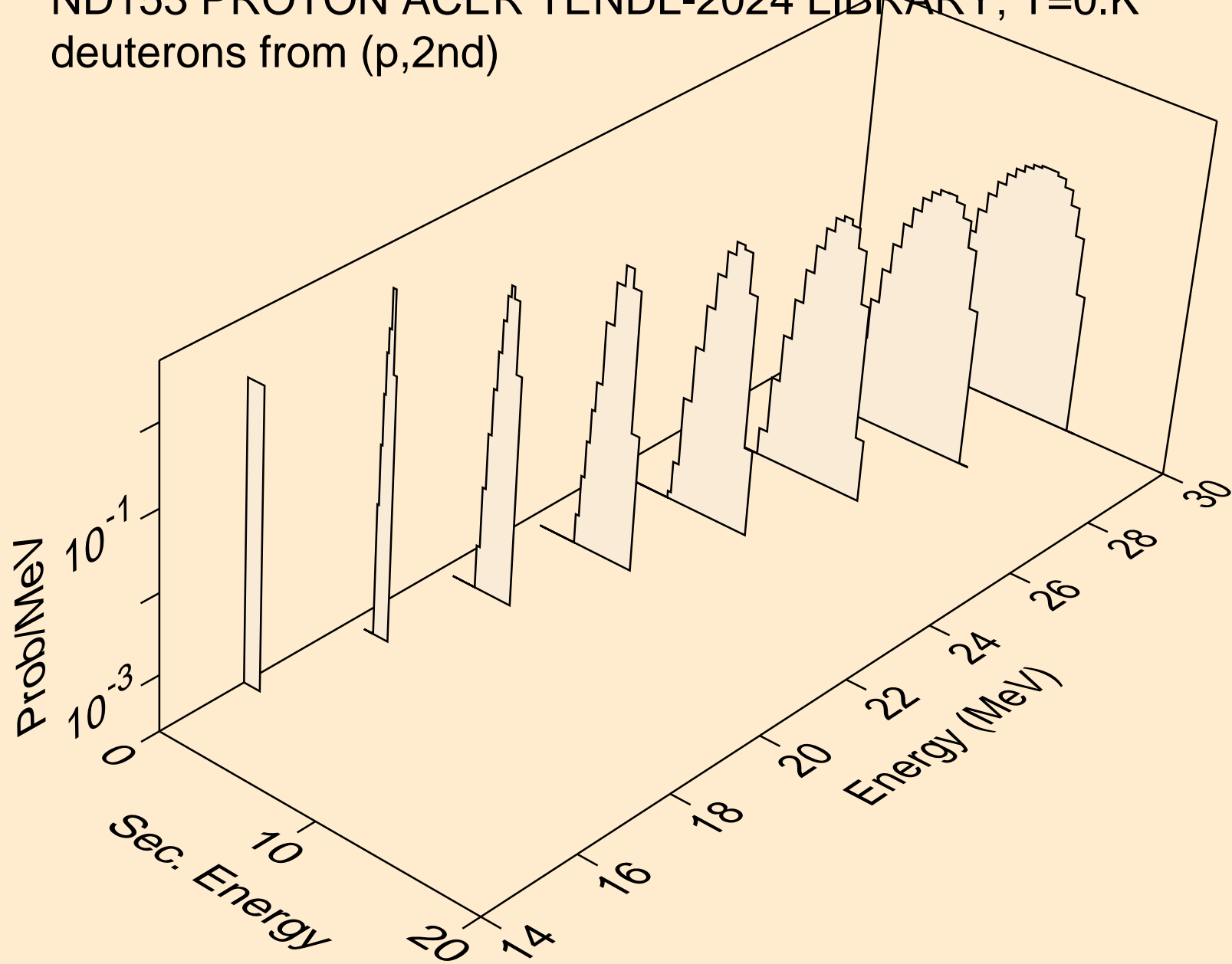
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neutrons from (p,n2p)



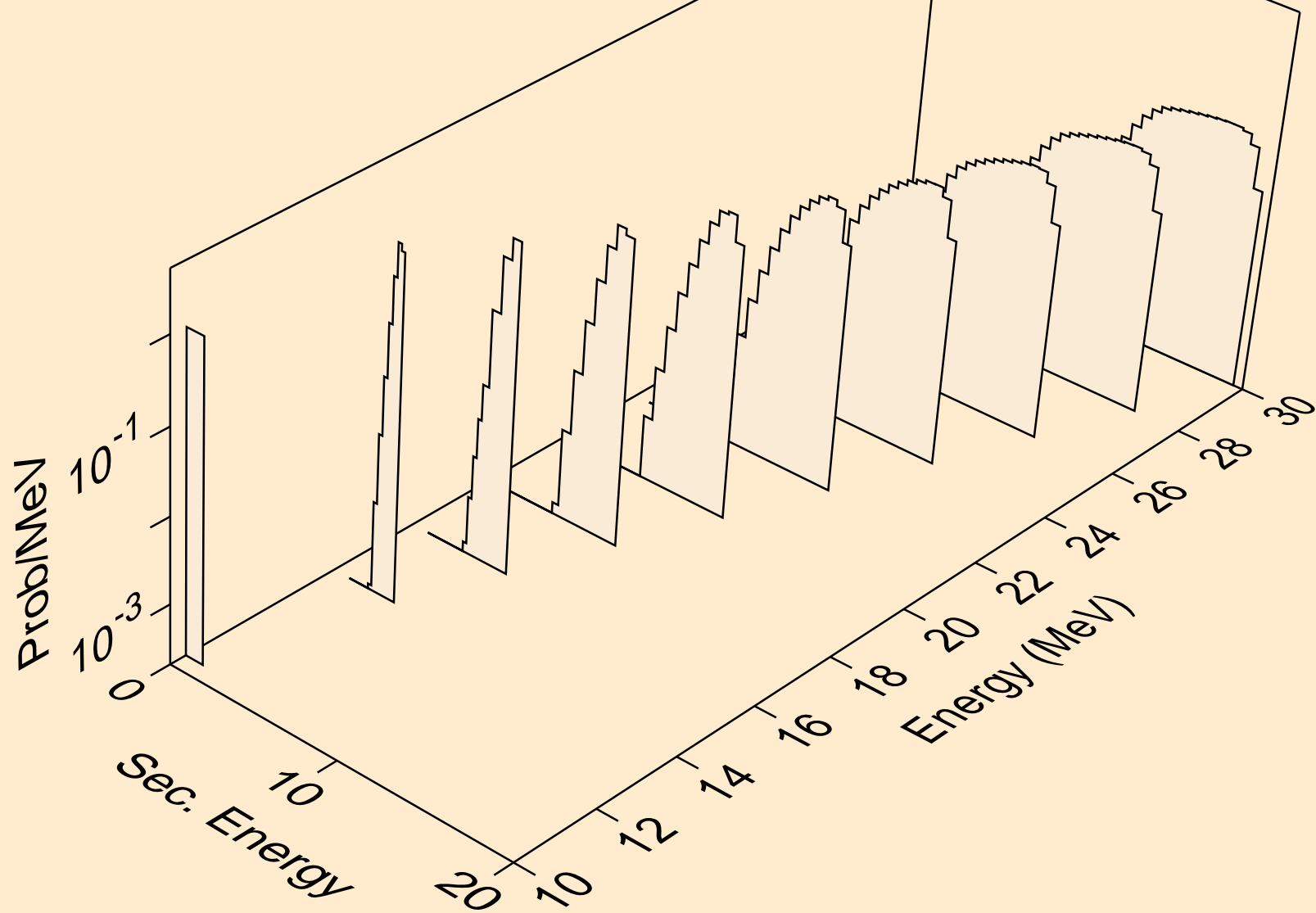
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



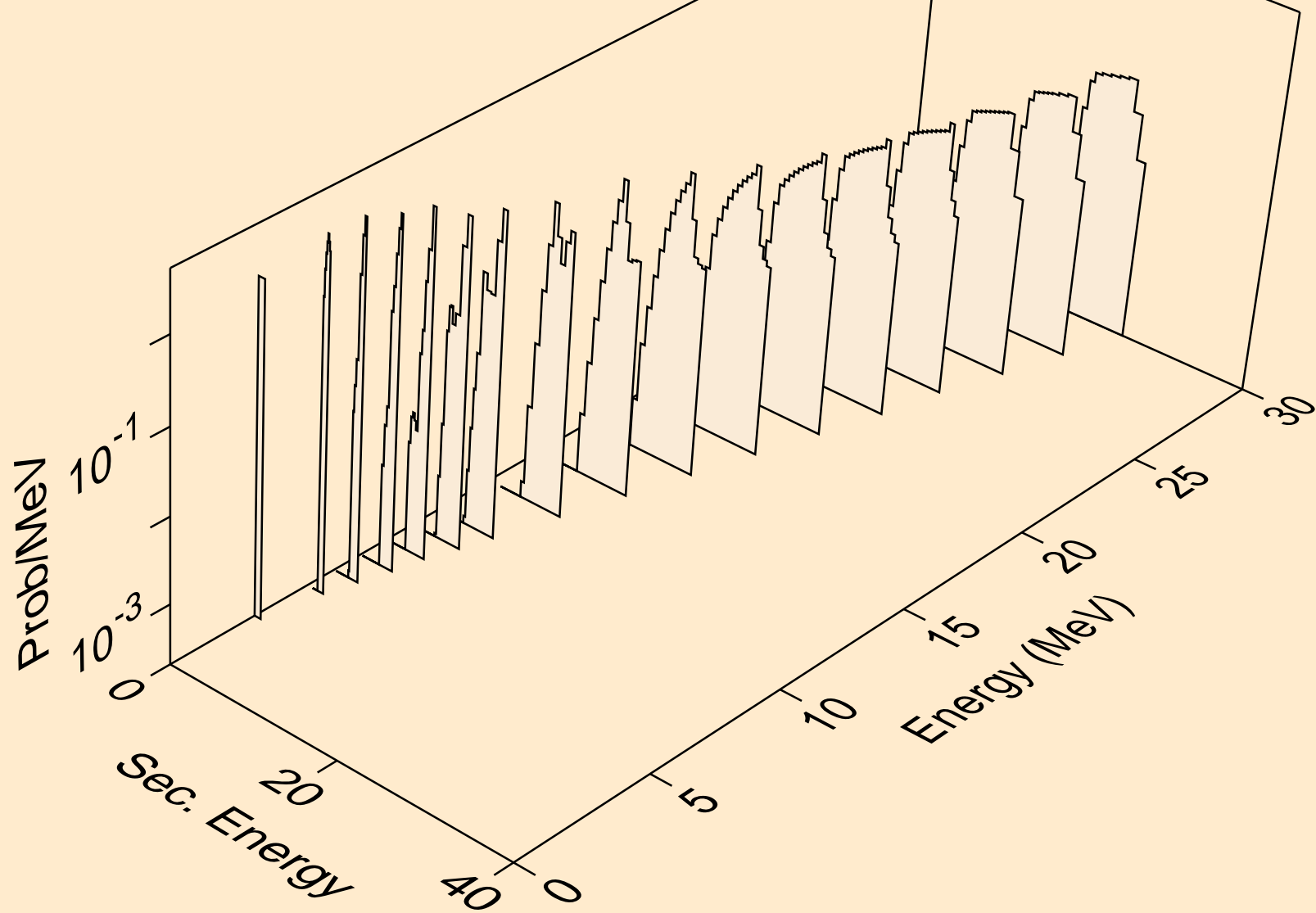
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,2nd)



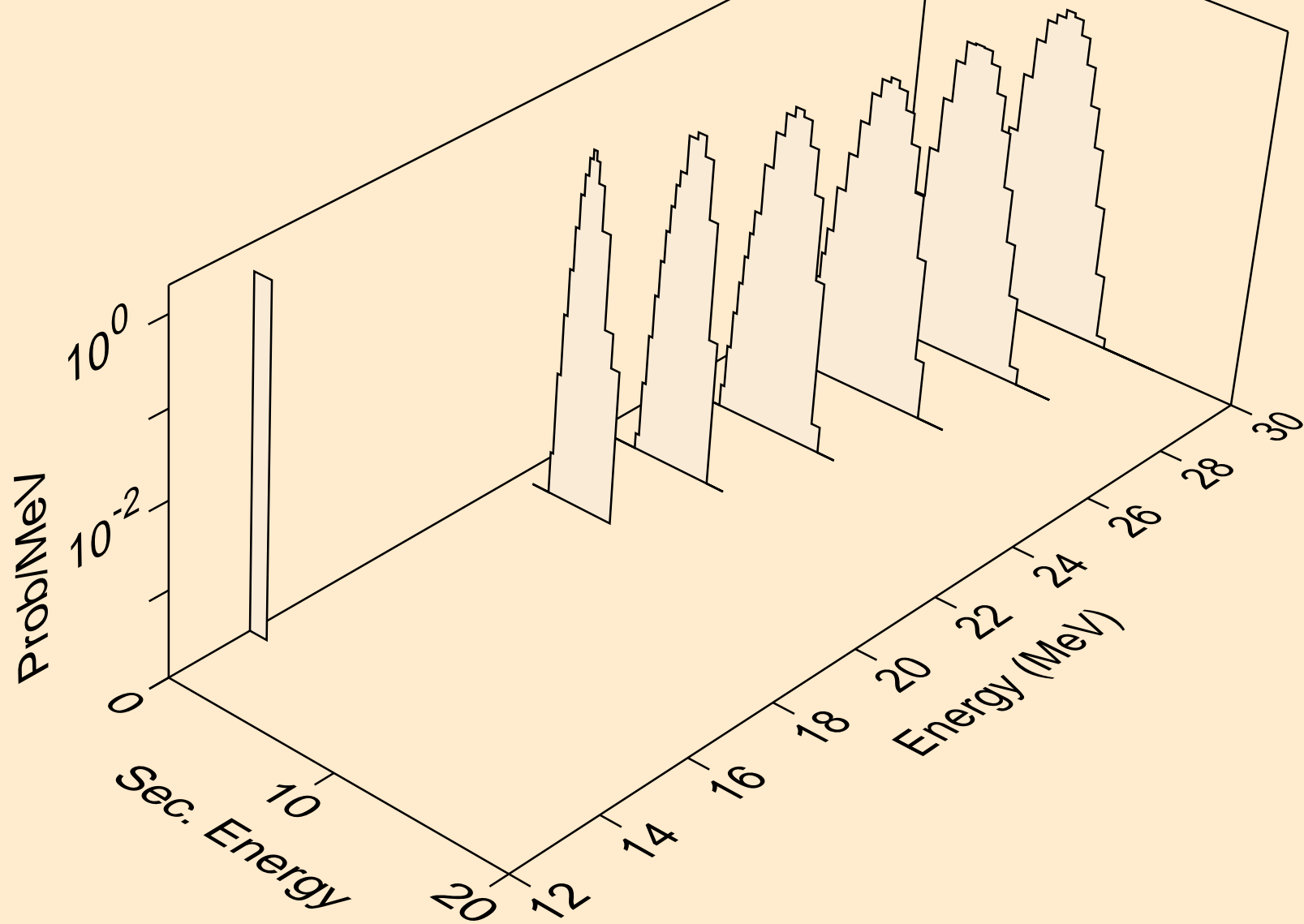
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deuterons from (p,n\*)d



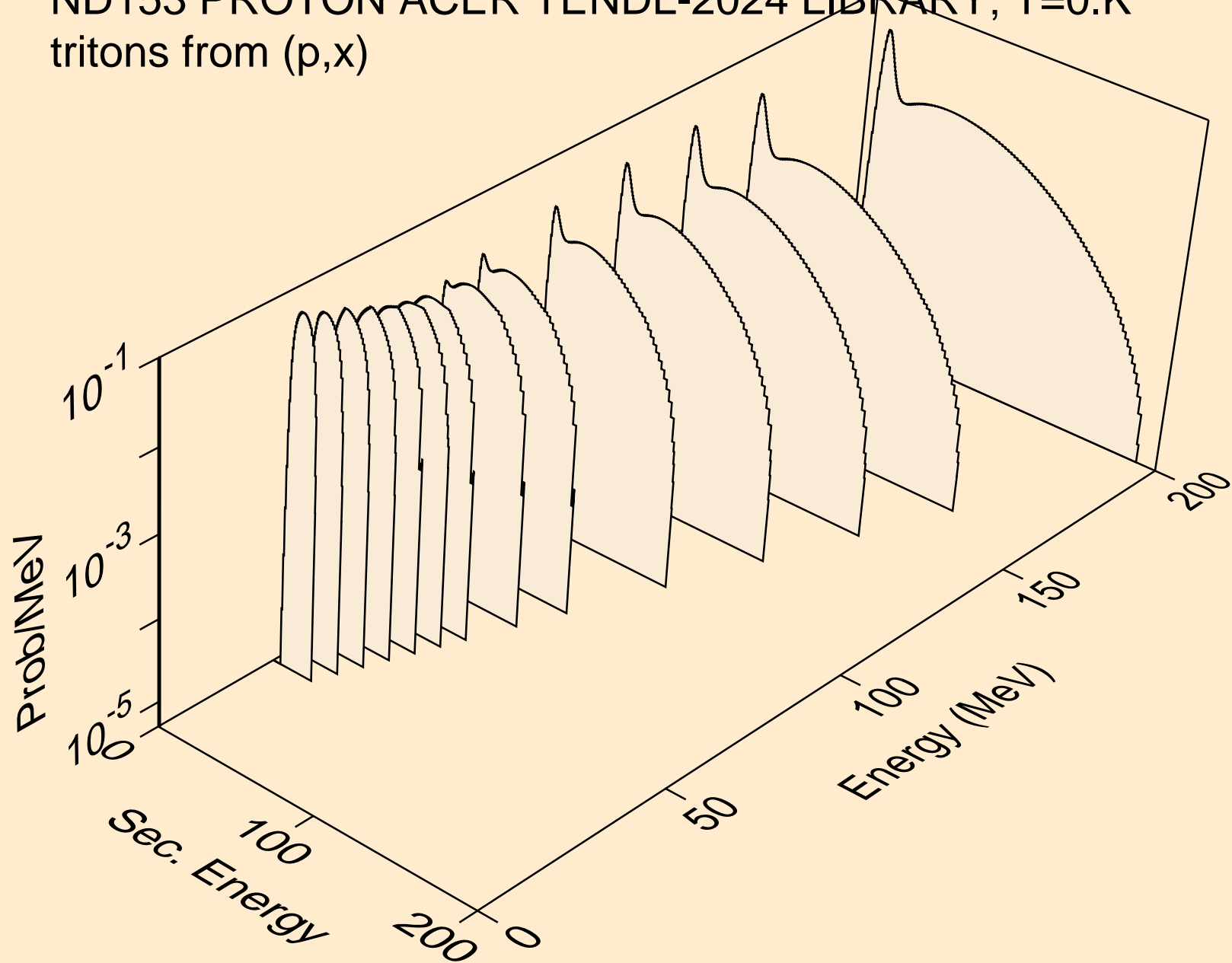
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deuterons from (p,d)



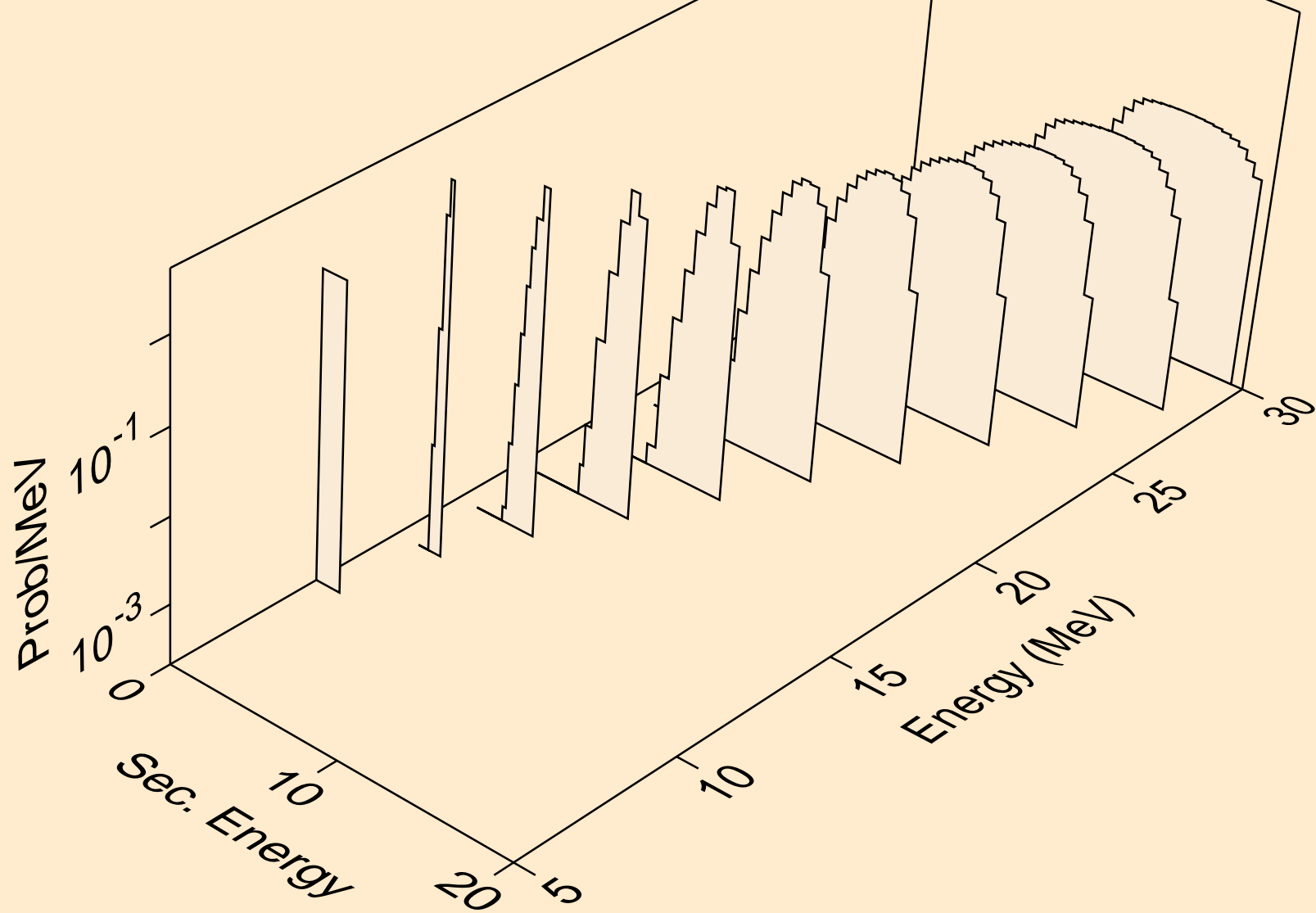
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,pd)



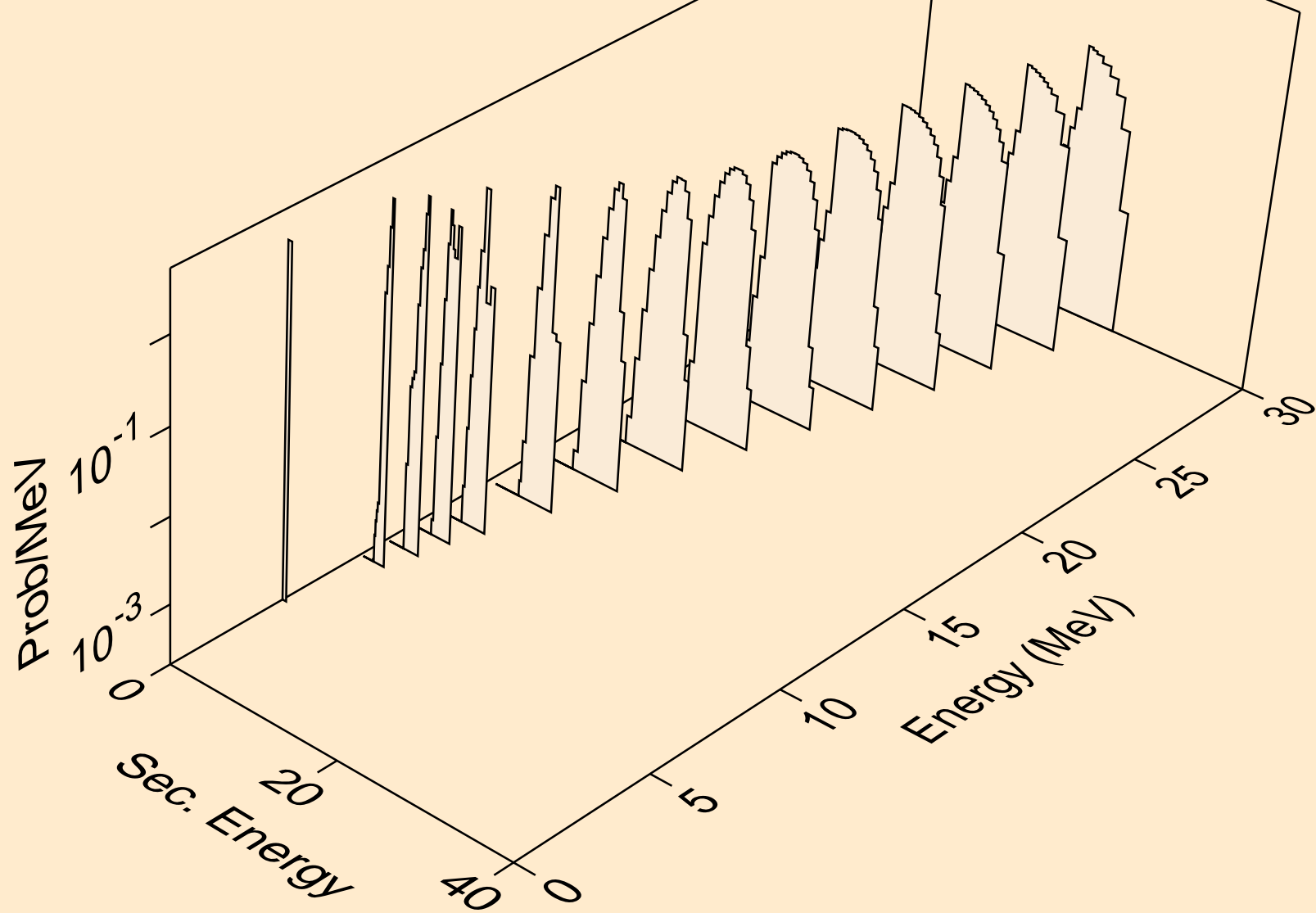
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



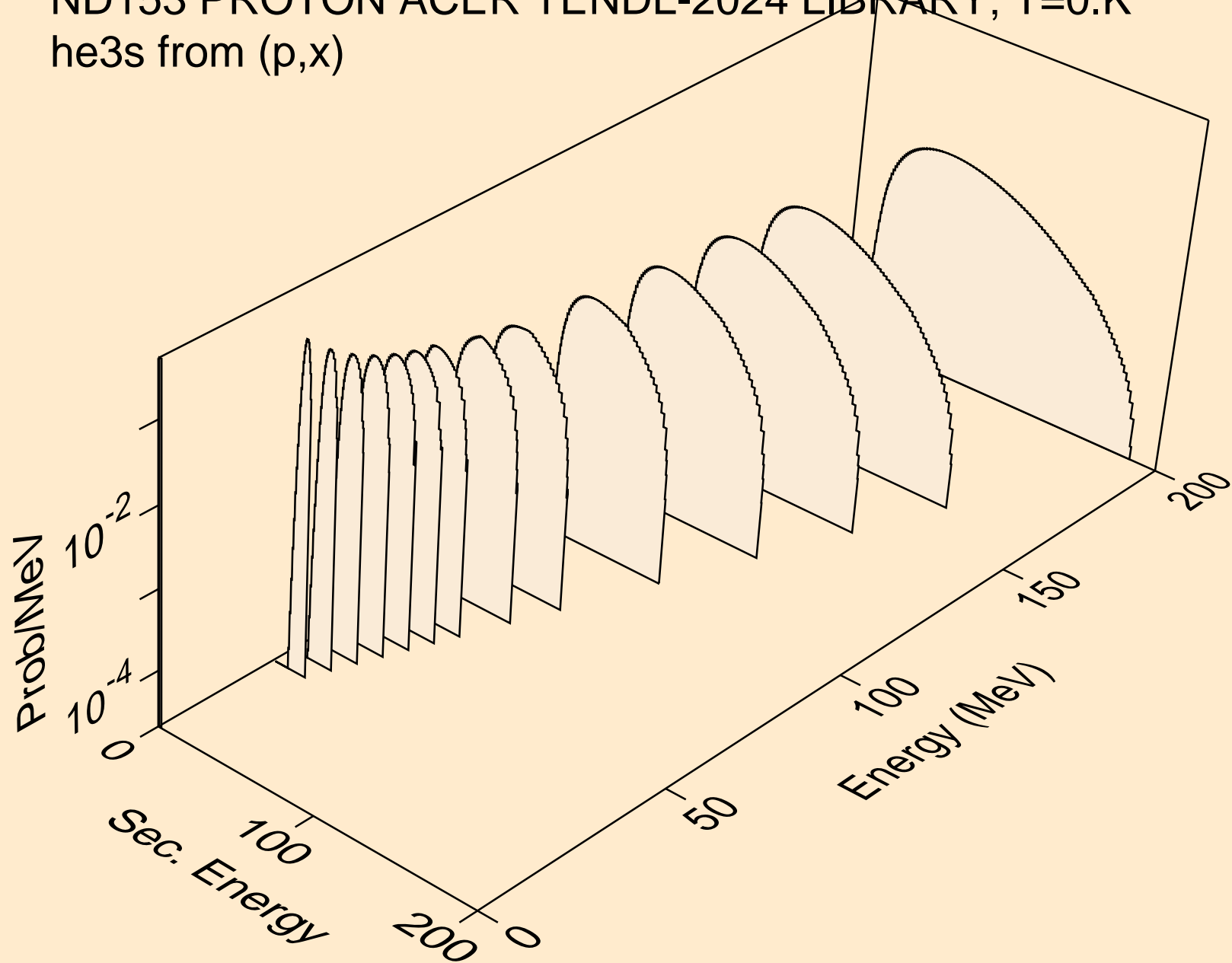
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,n\*)t



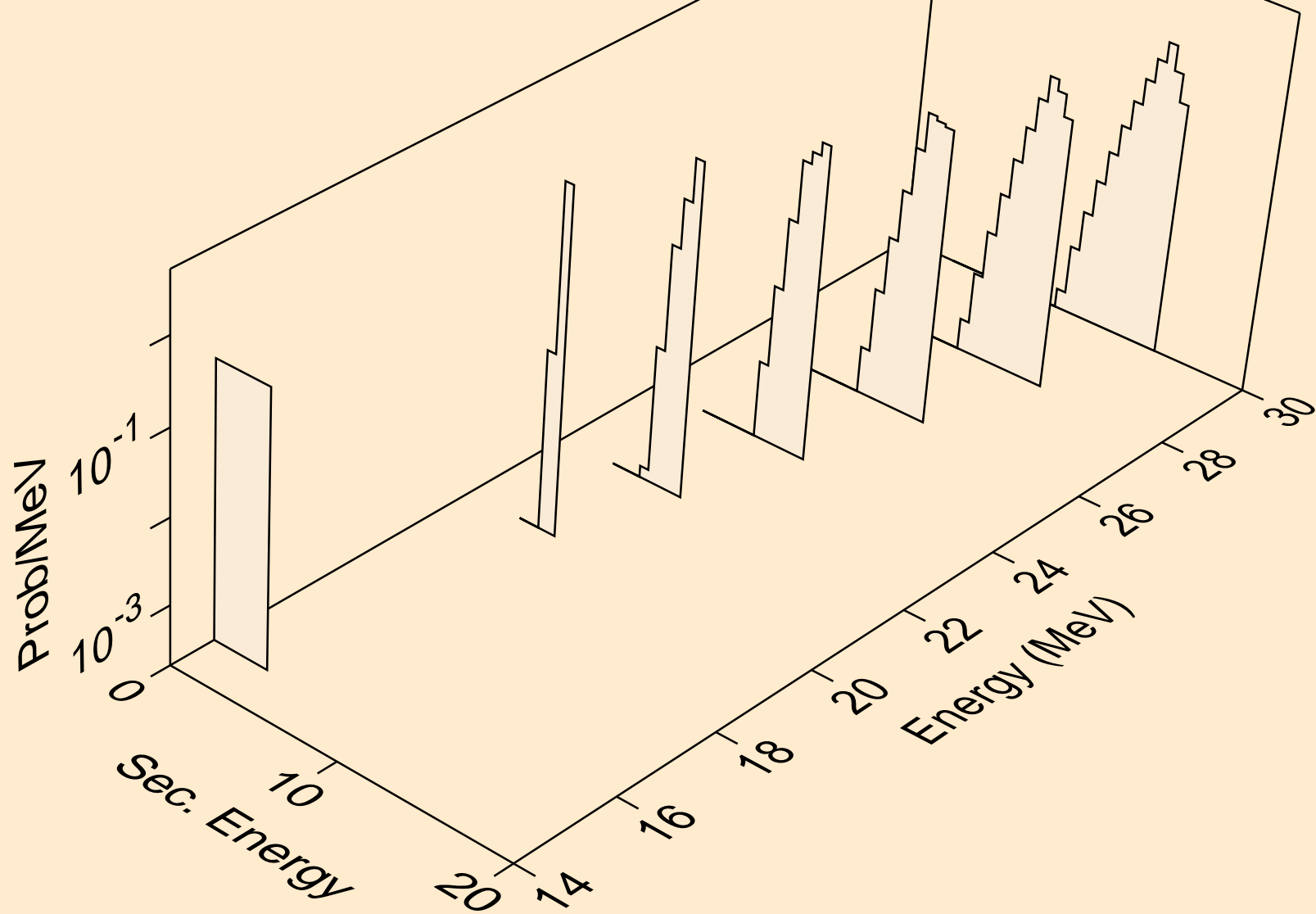
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



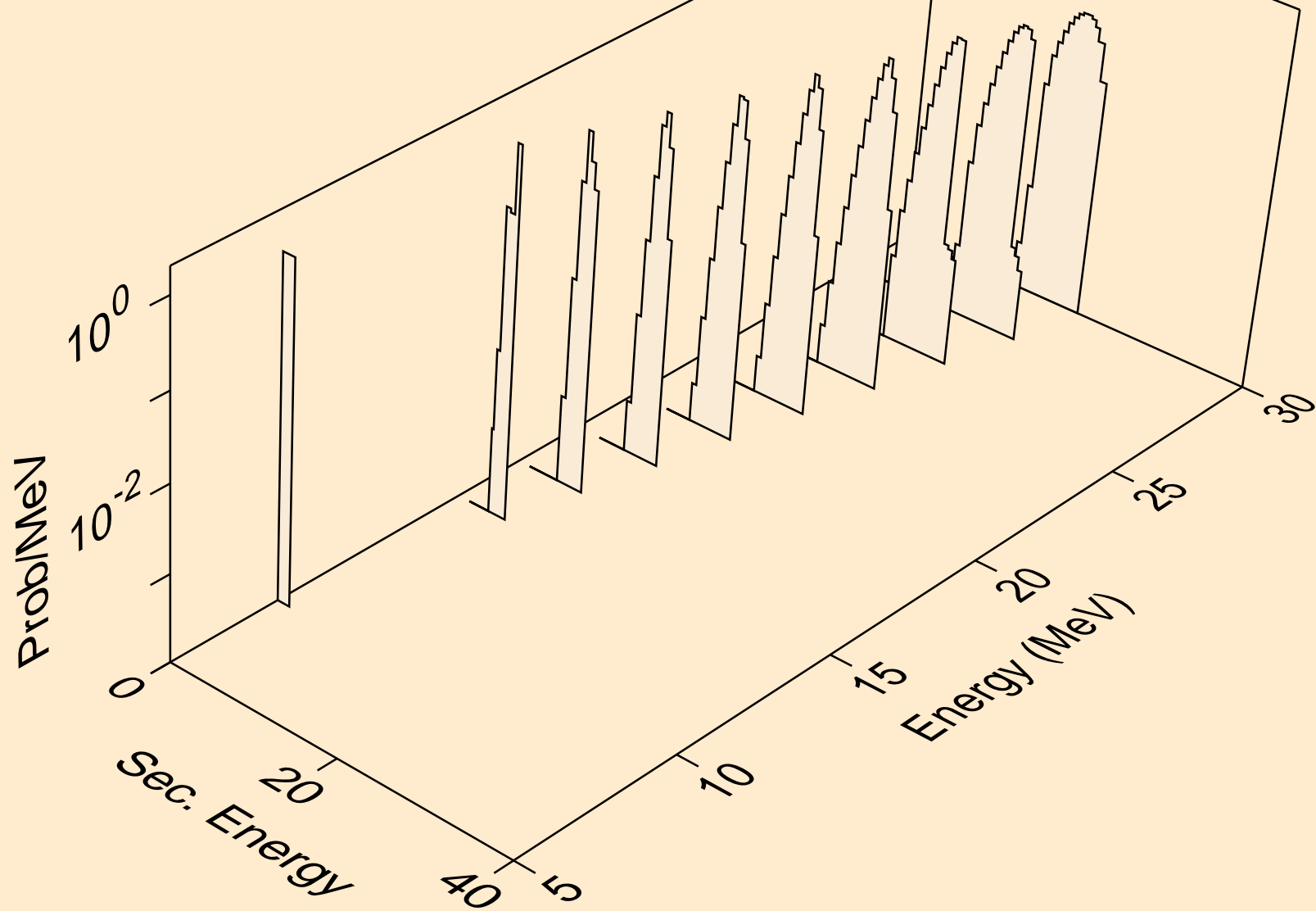
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



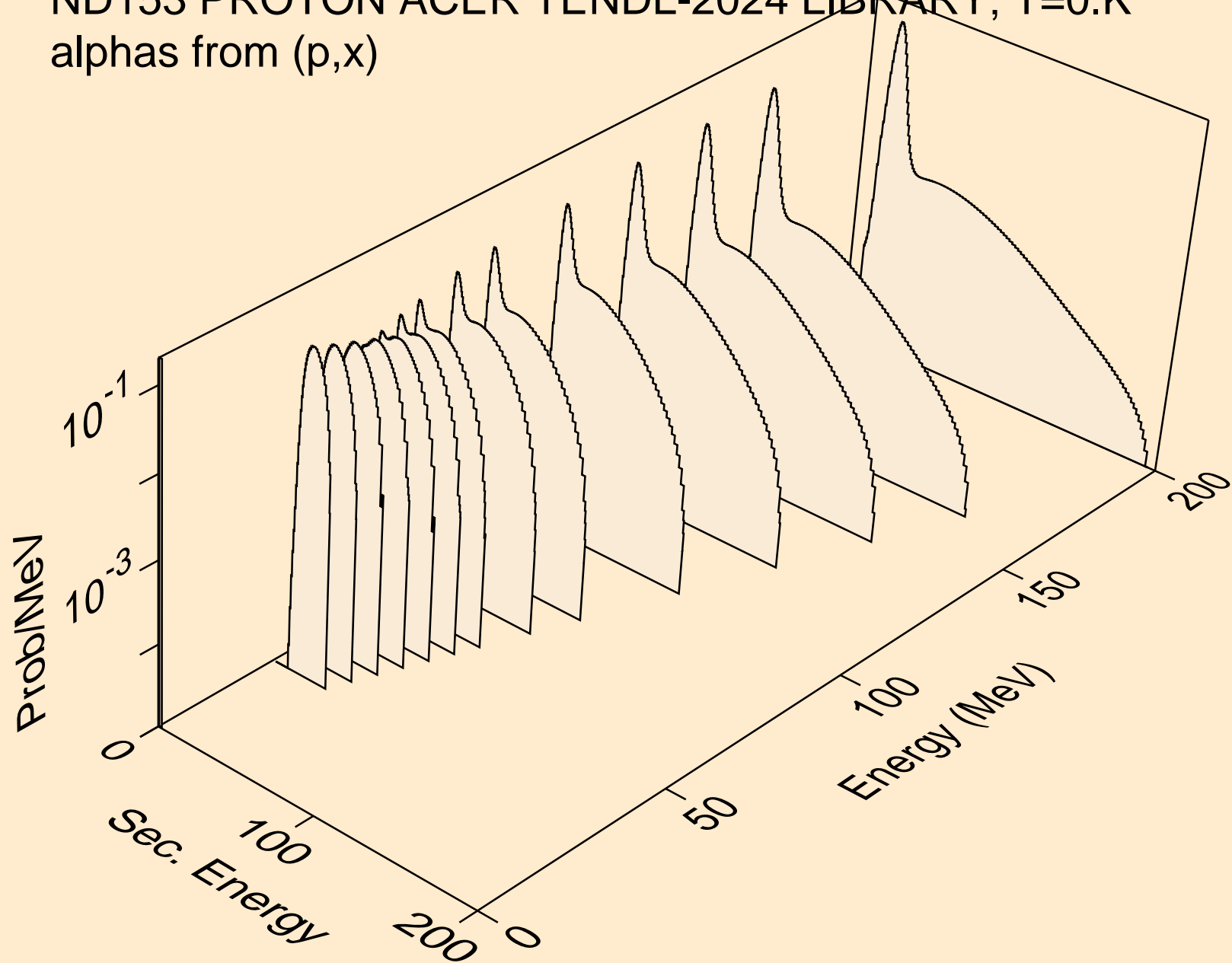
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



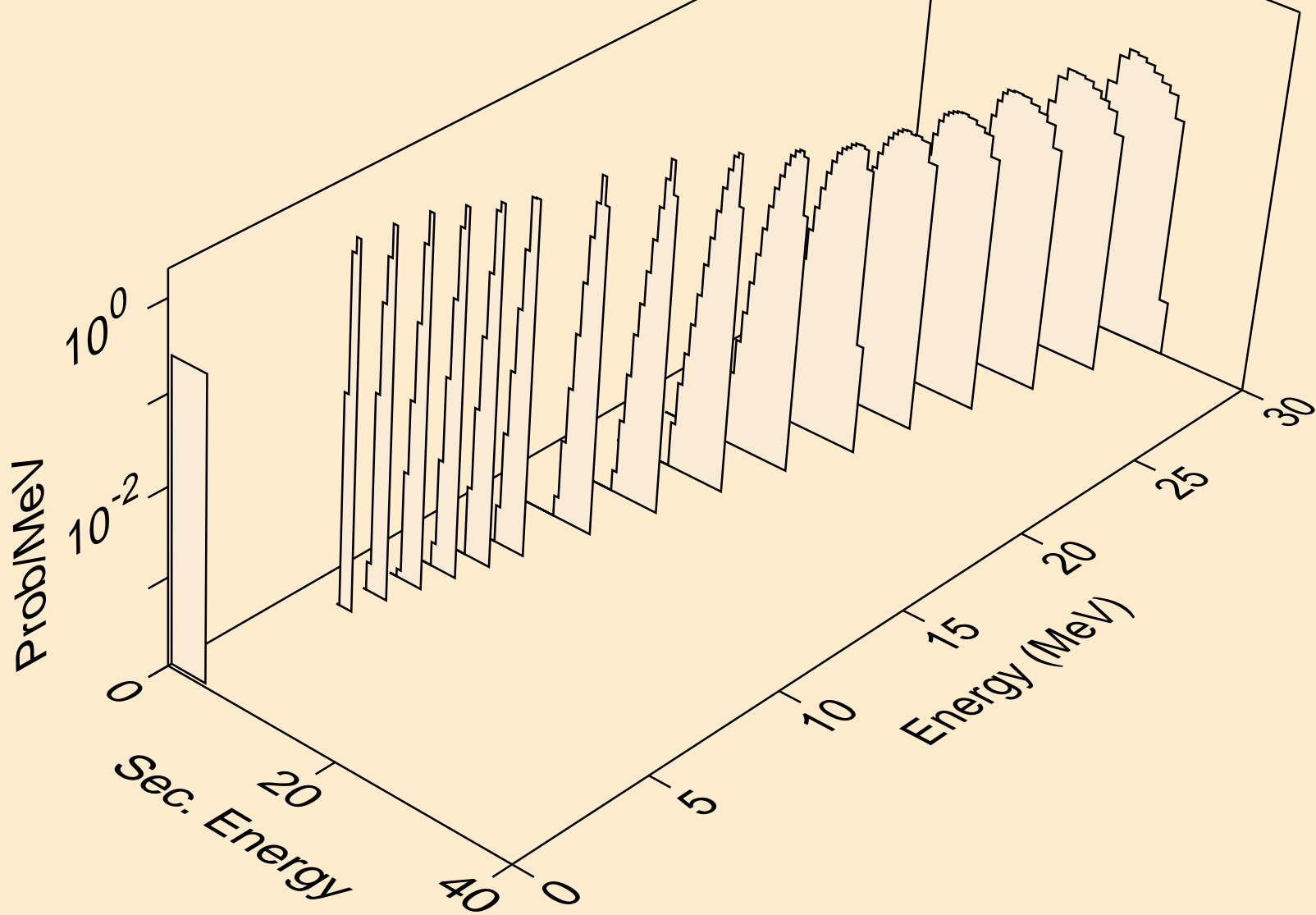
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,he3)



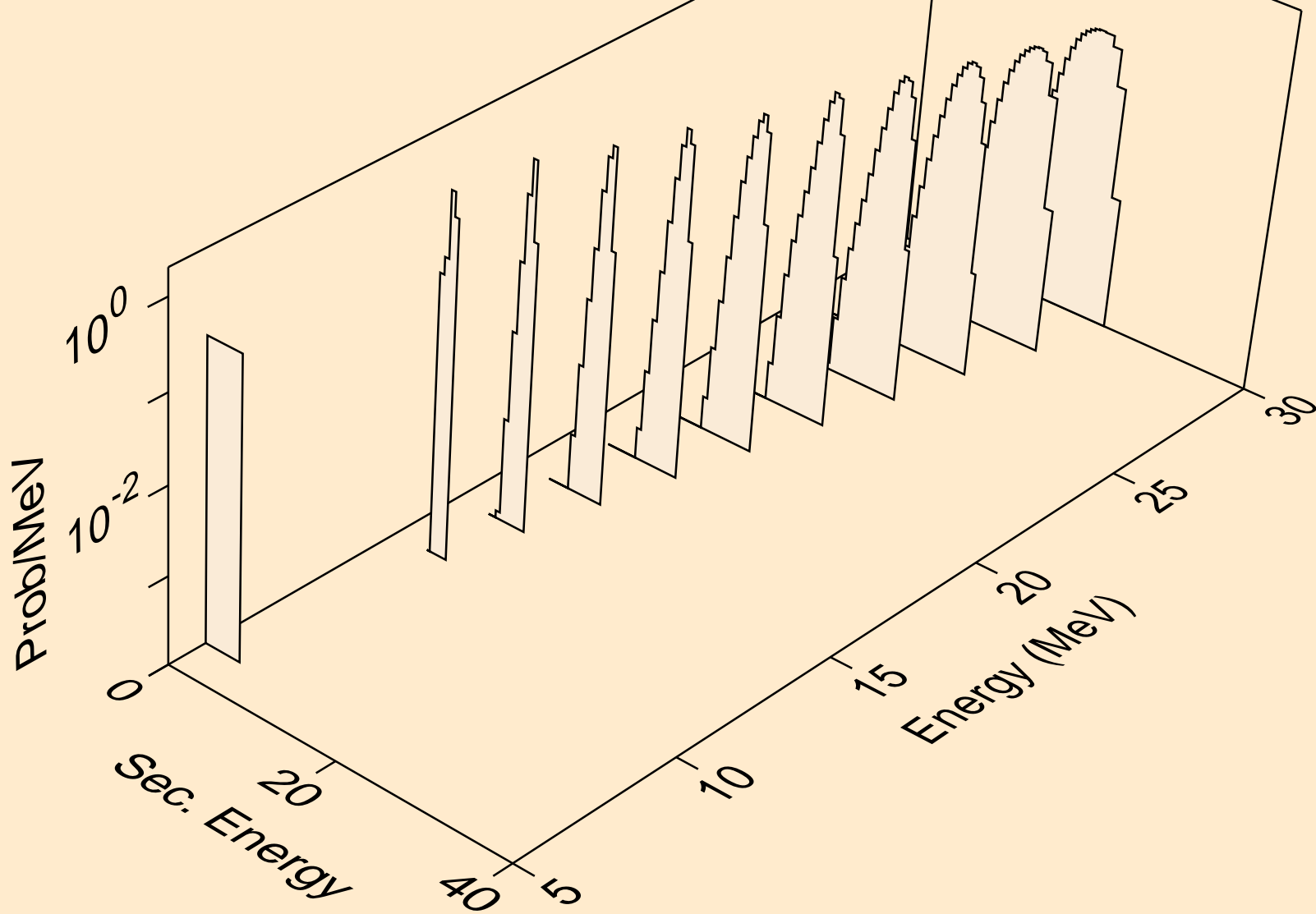
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



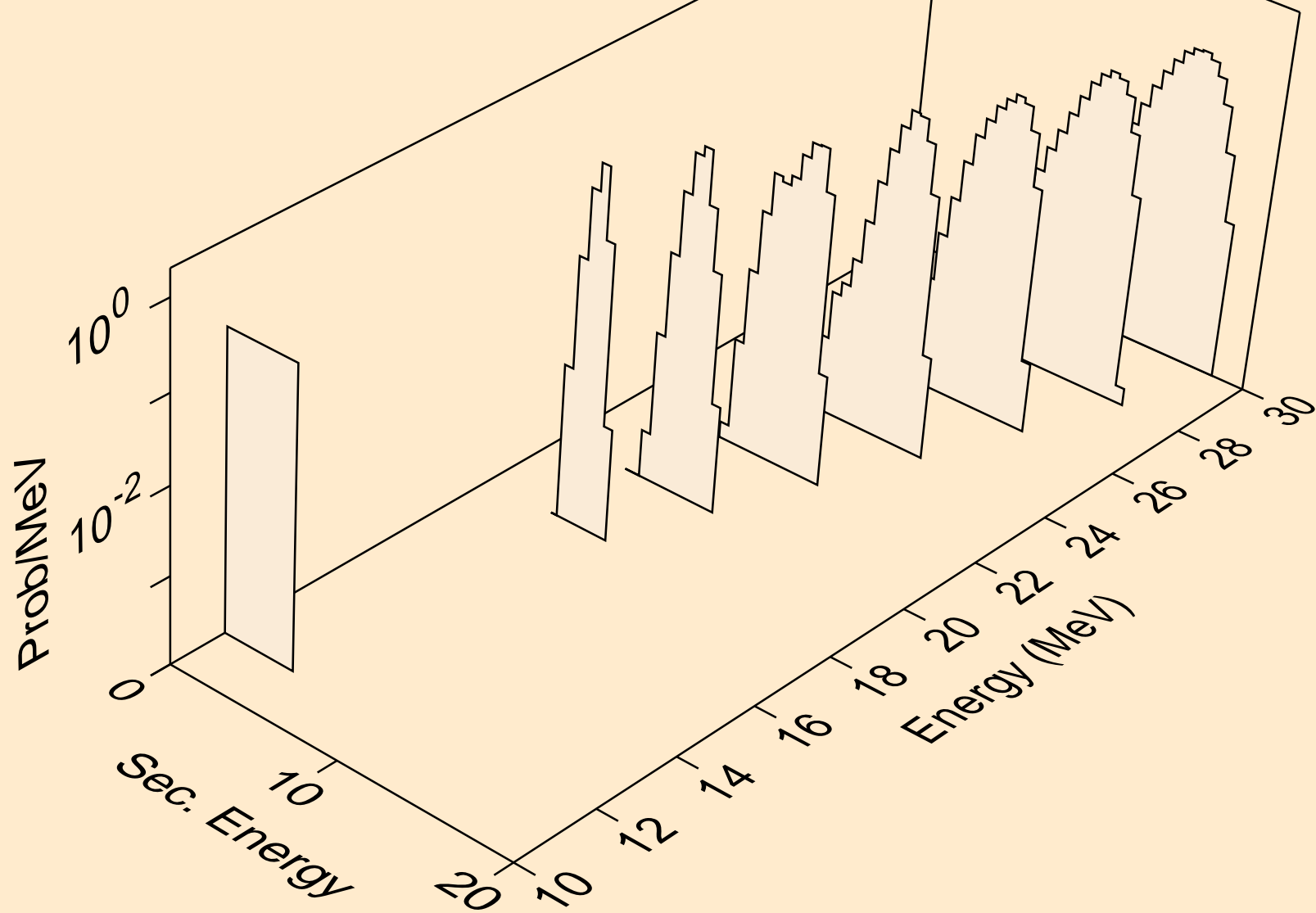
ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3n)a



ND153 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)

