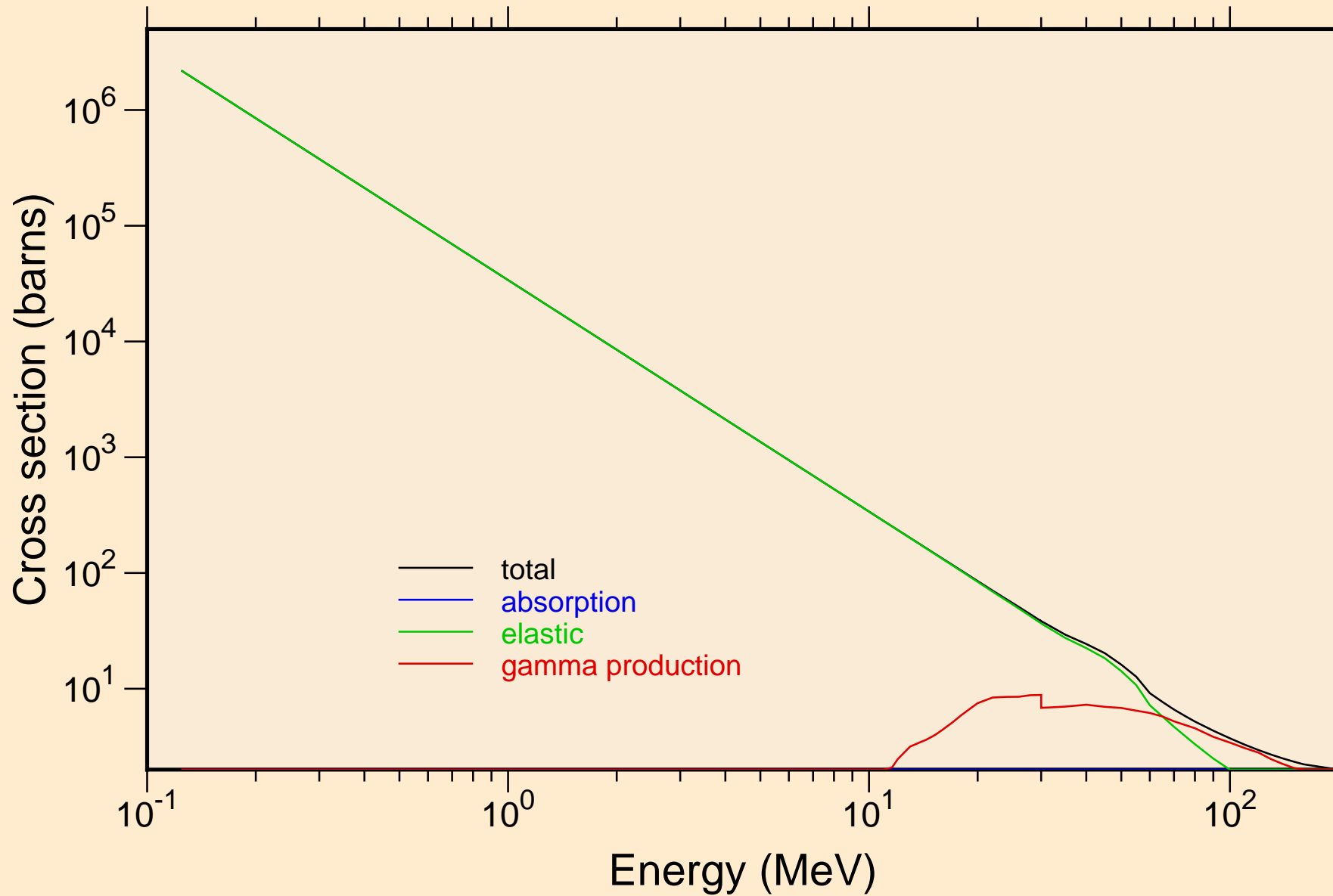


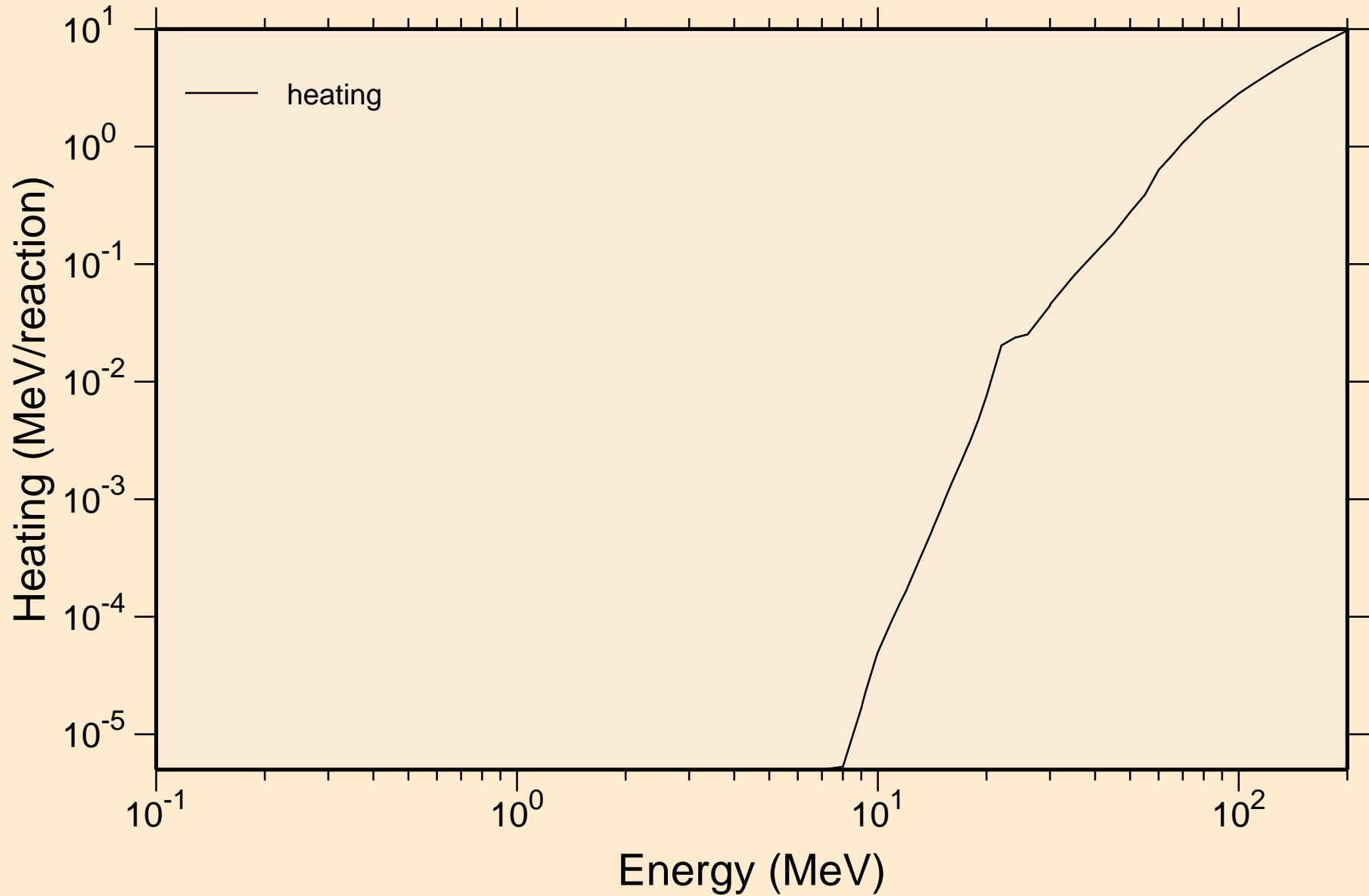
# W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



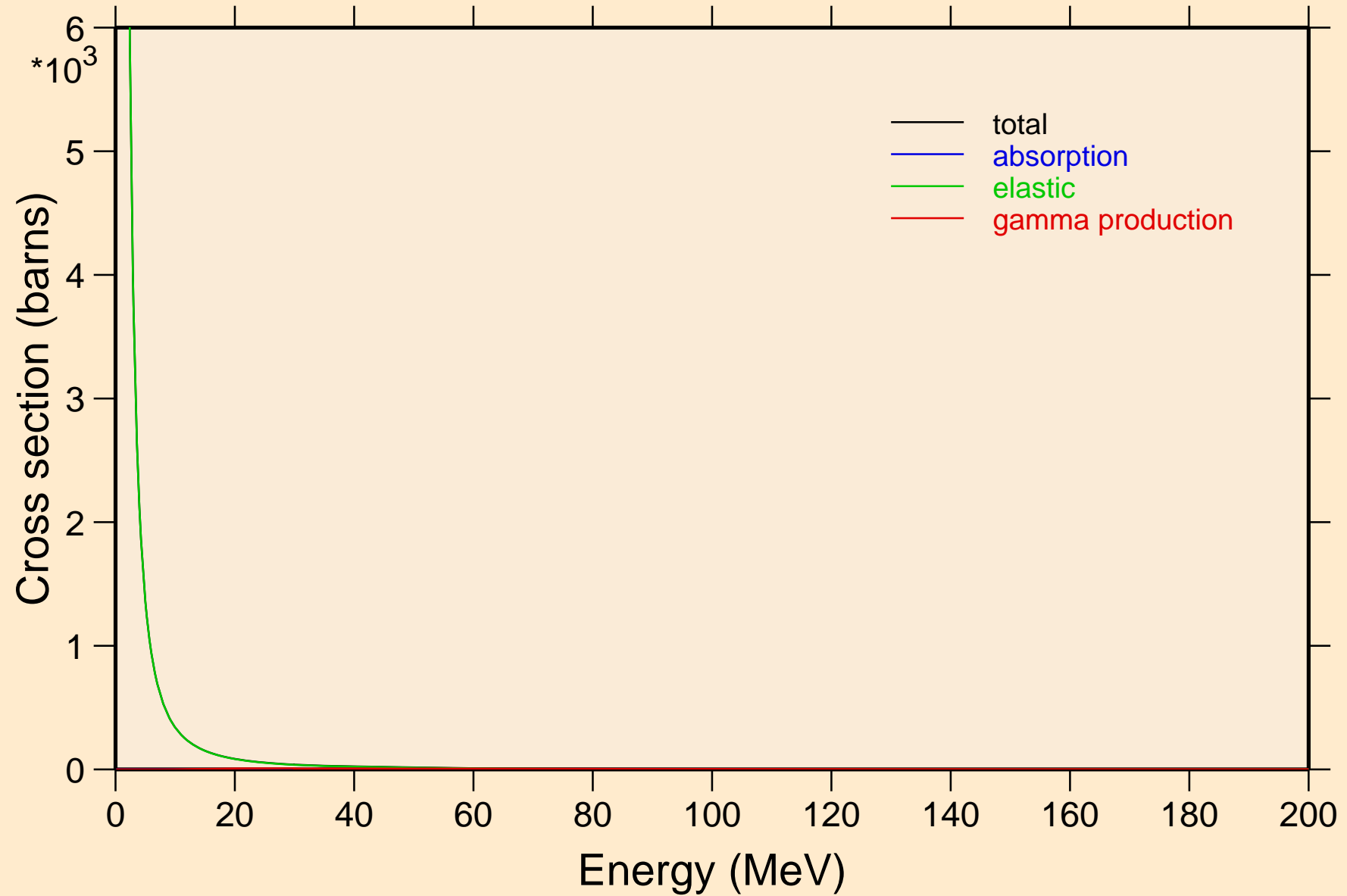
# W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



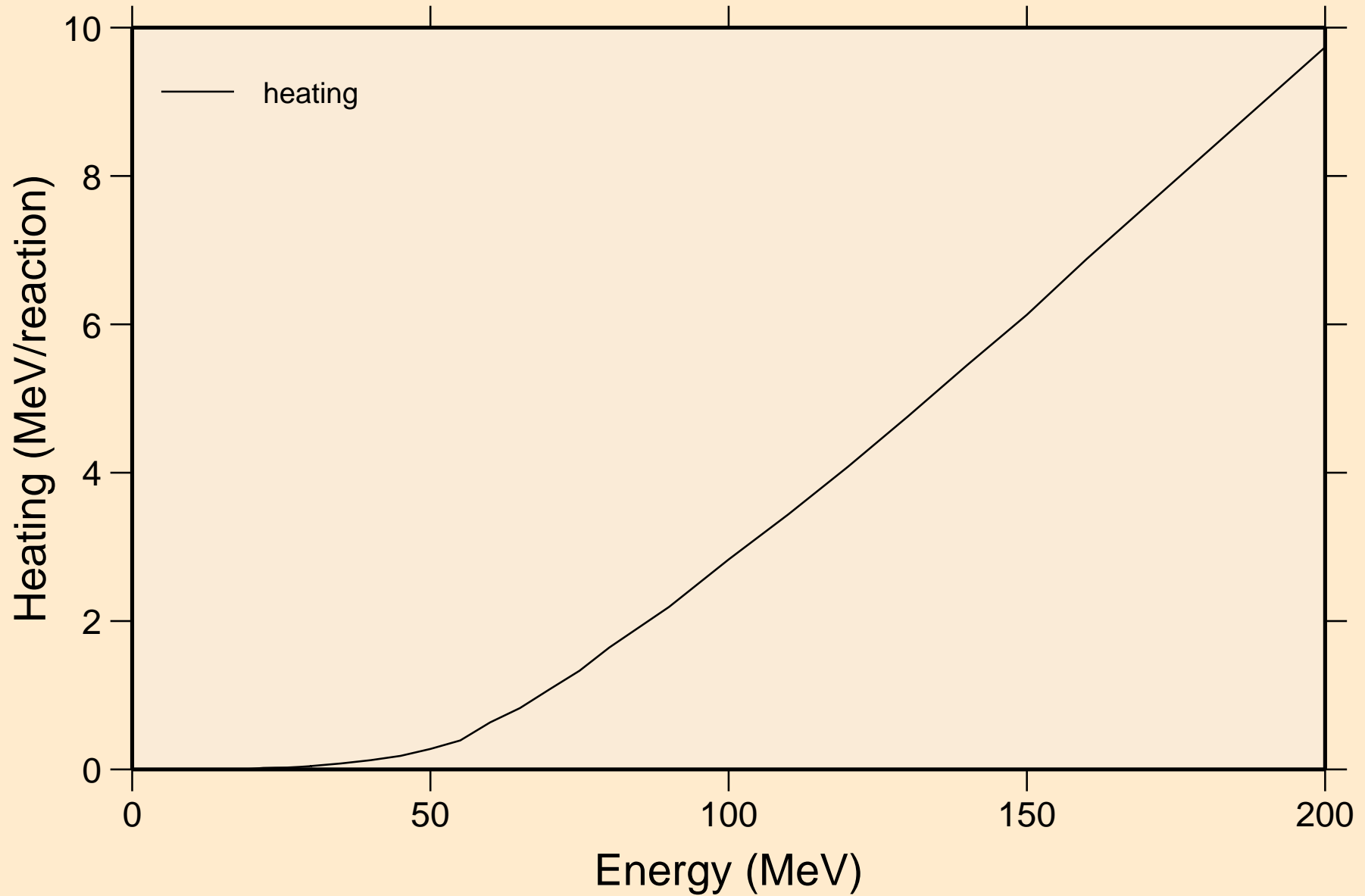
# W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

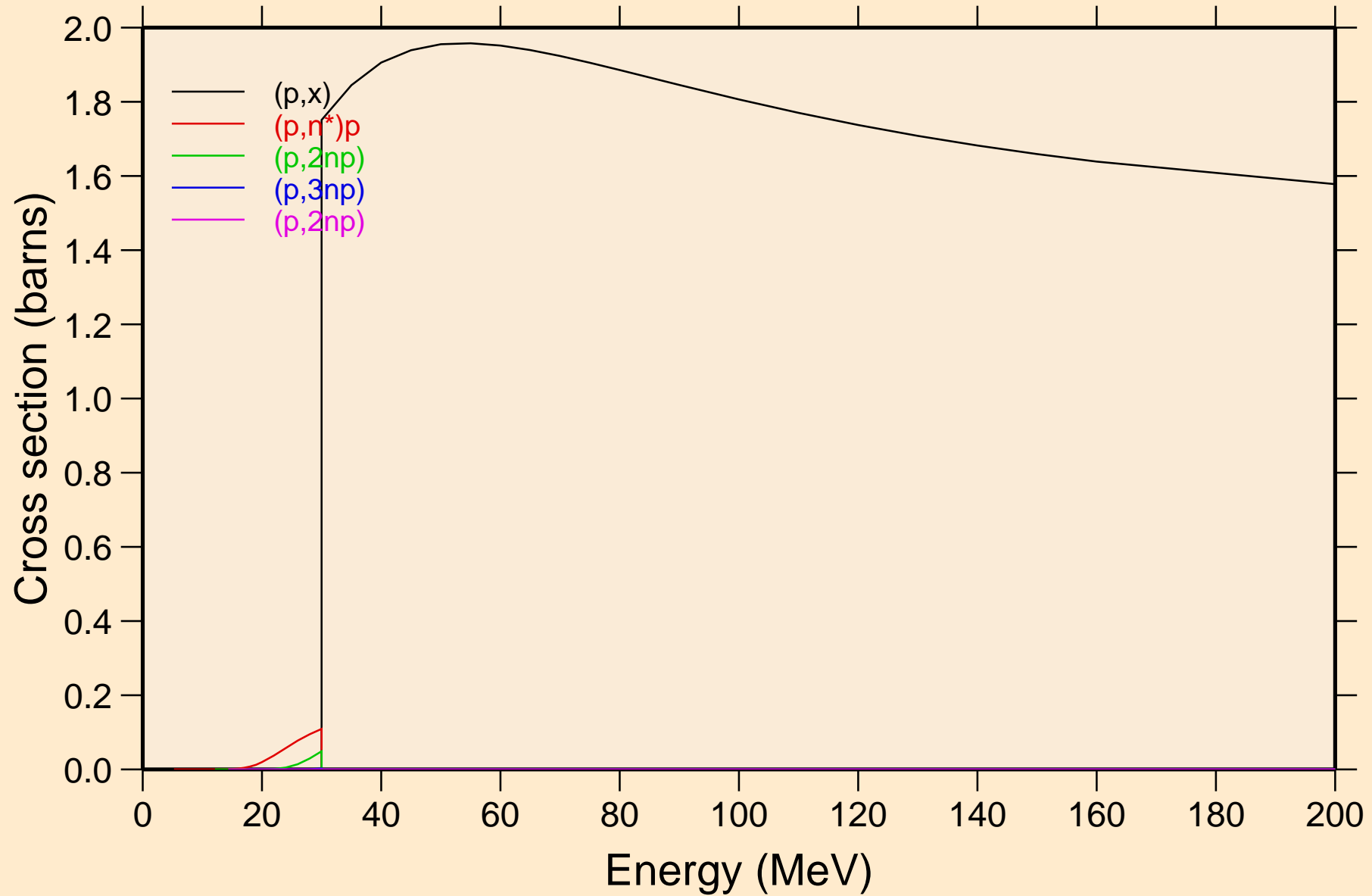


W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K

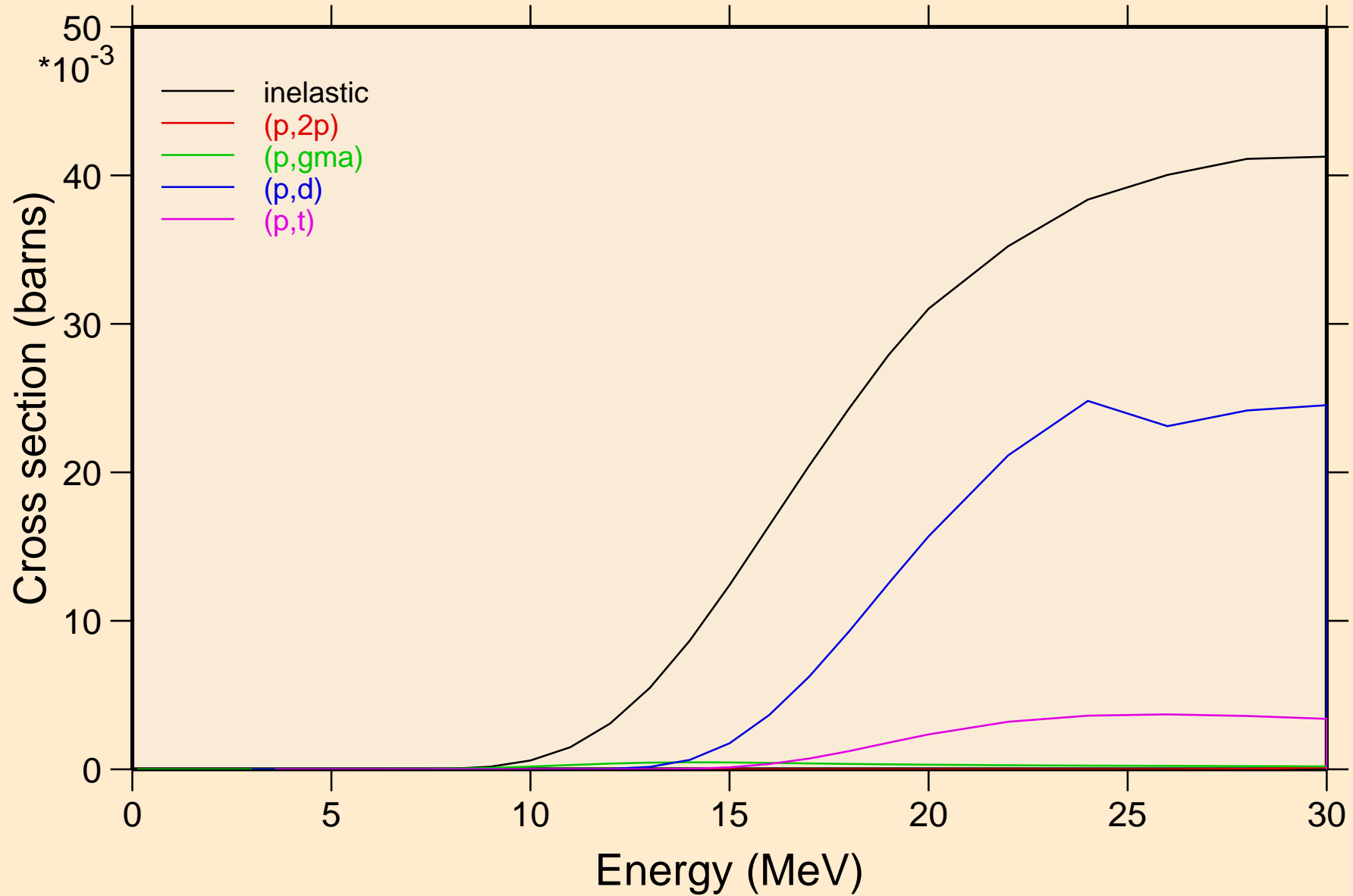
Heating



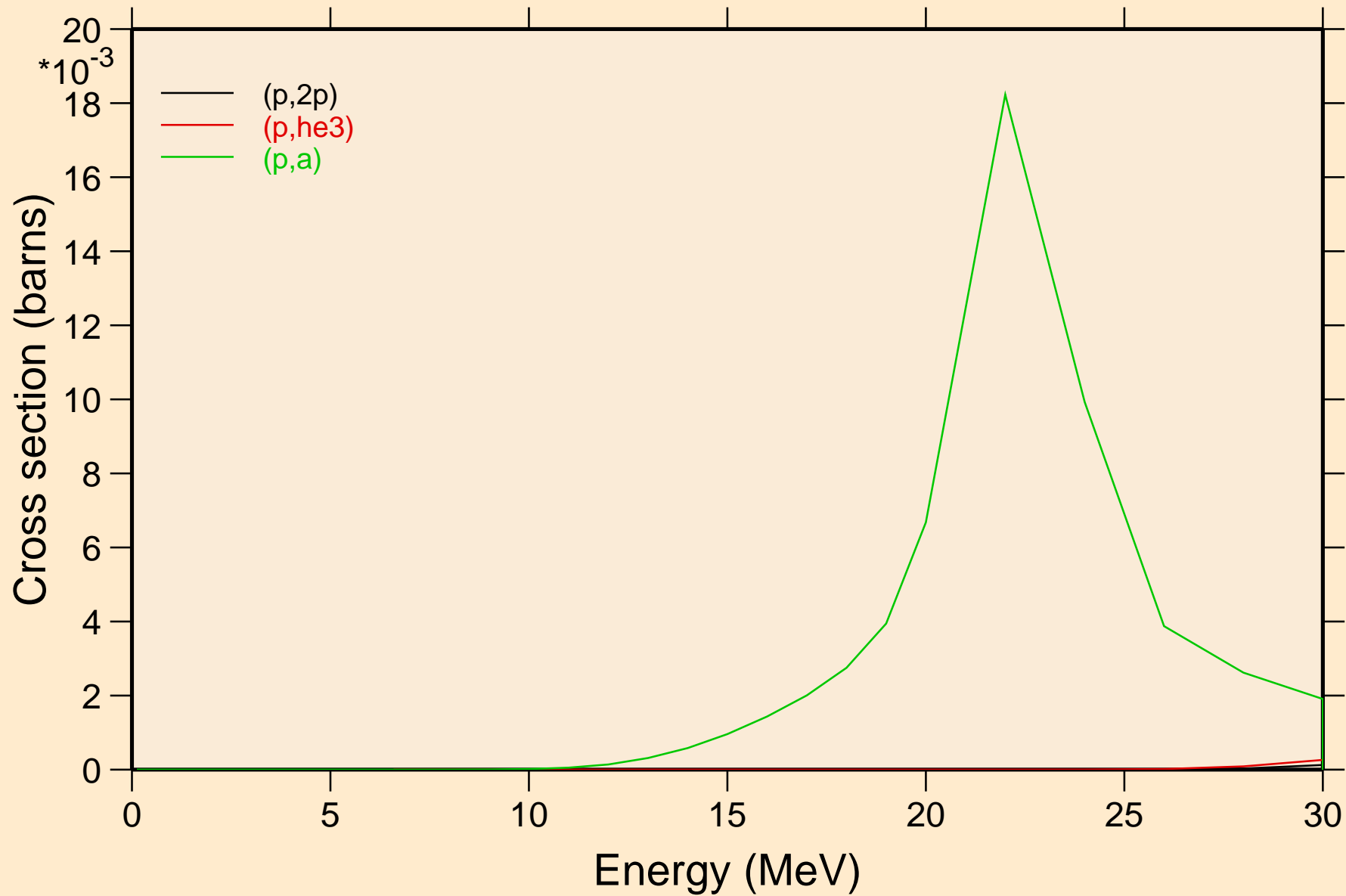
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



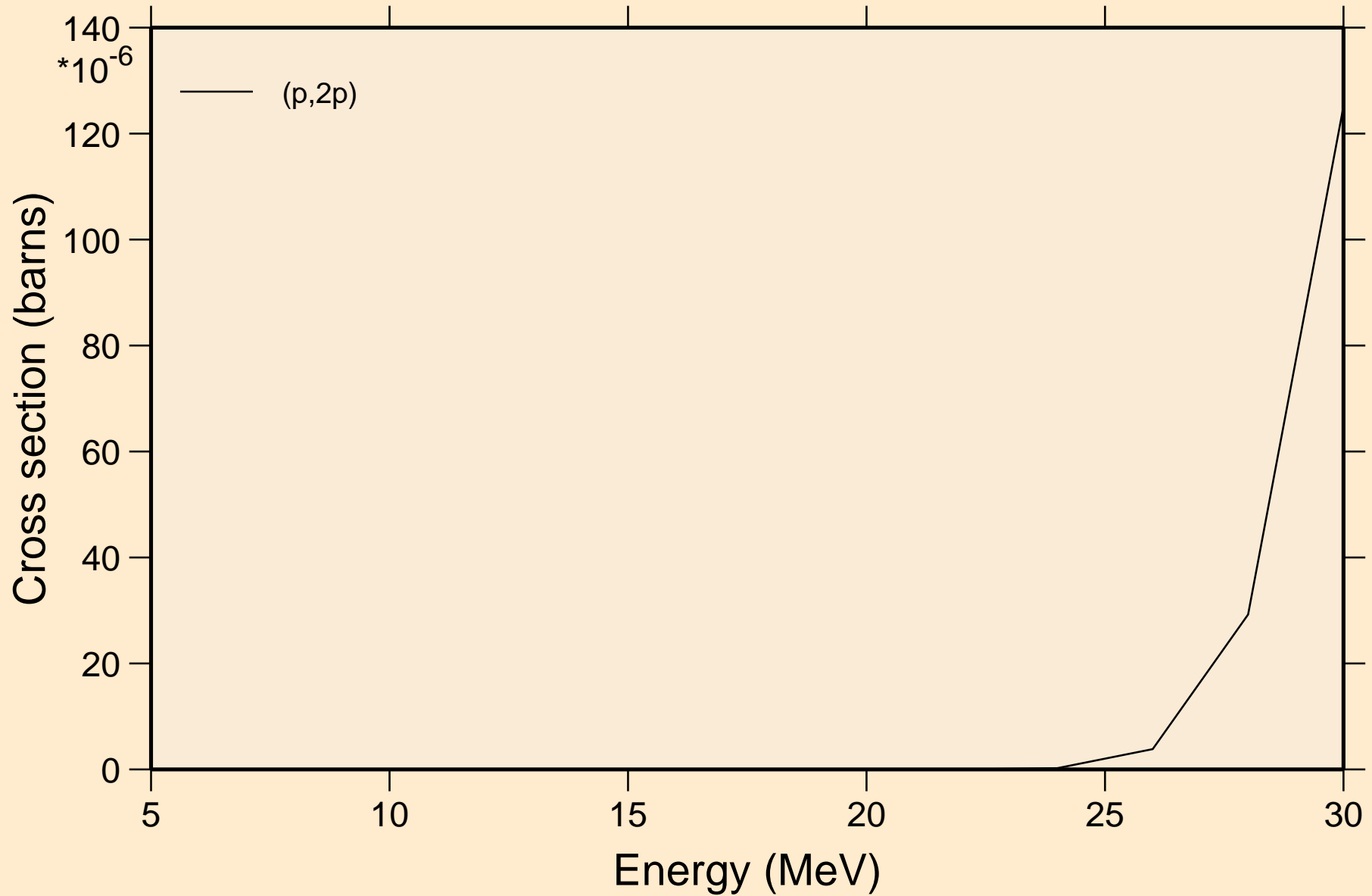
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

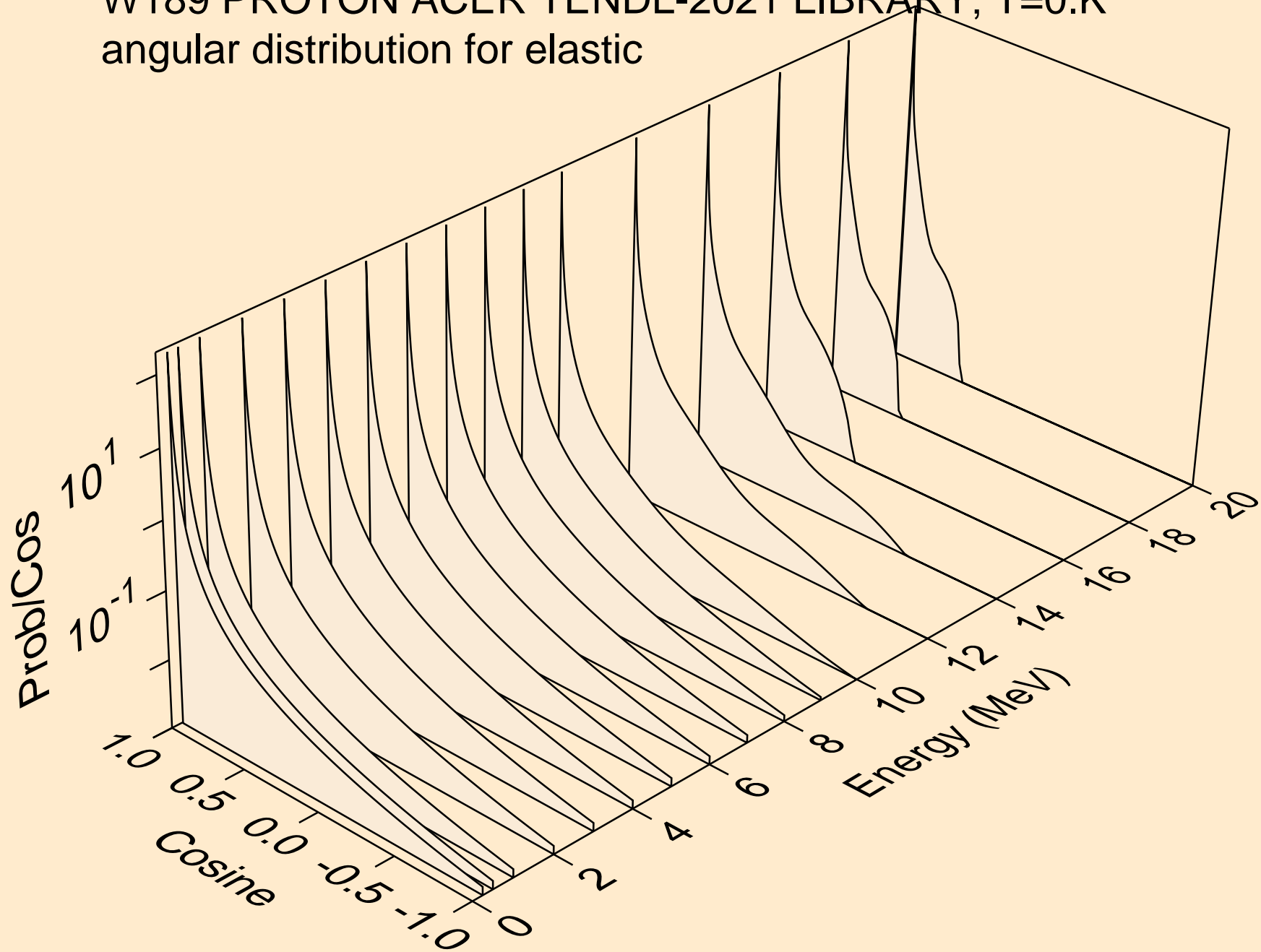


W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

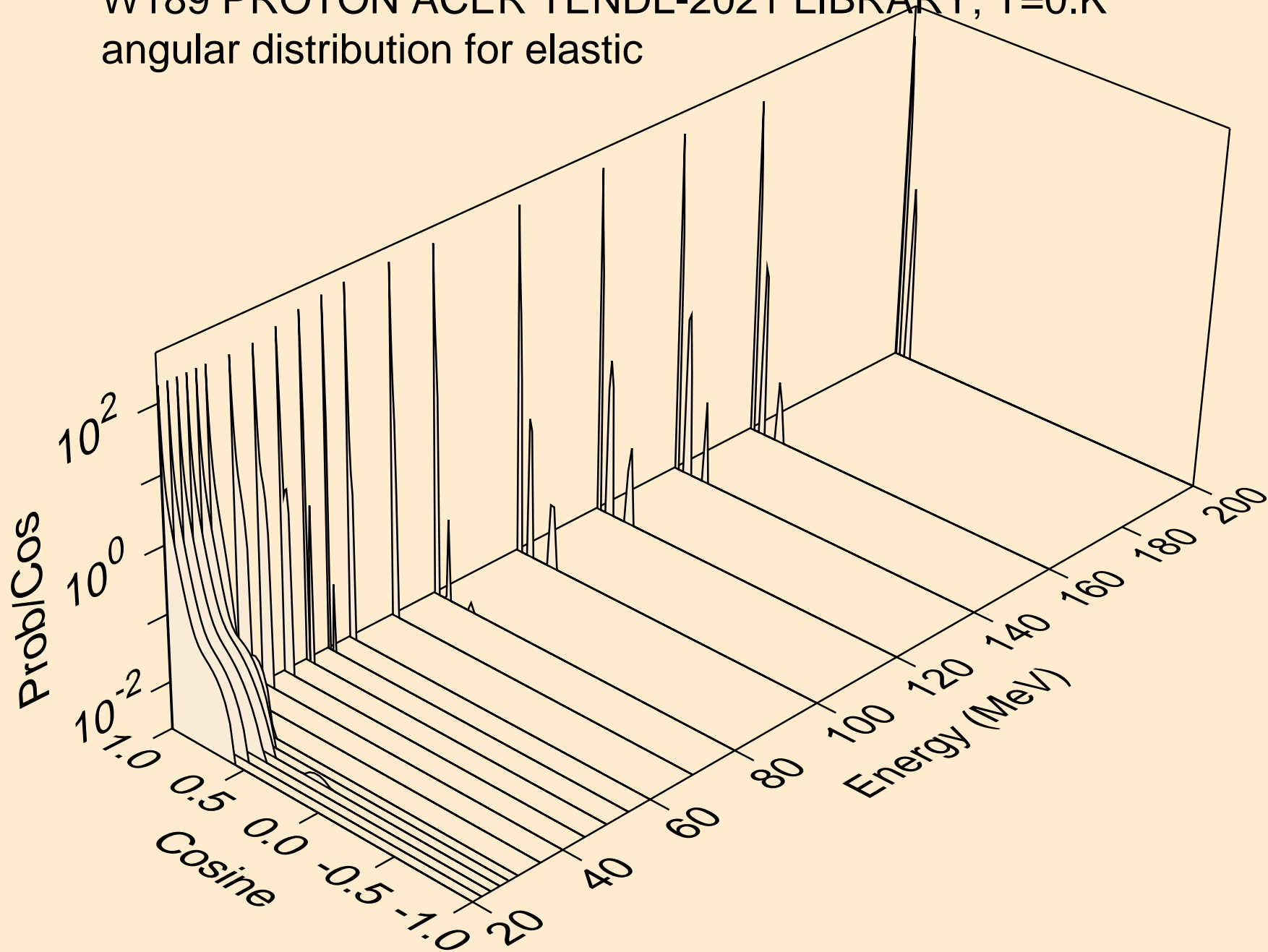




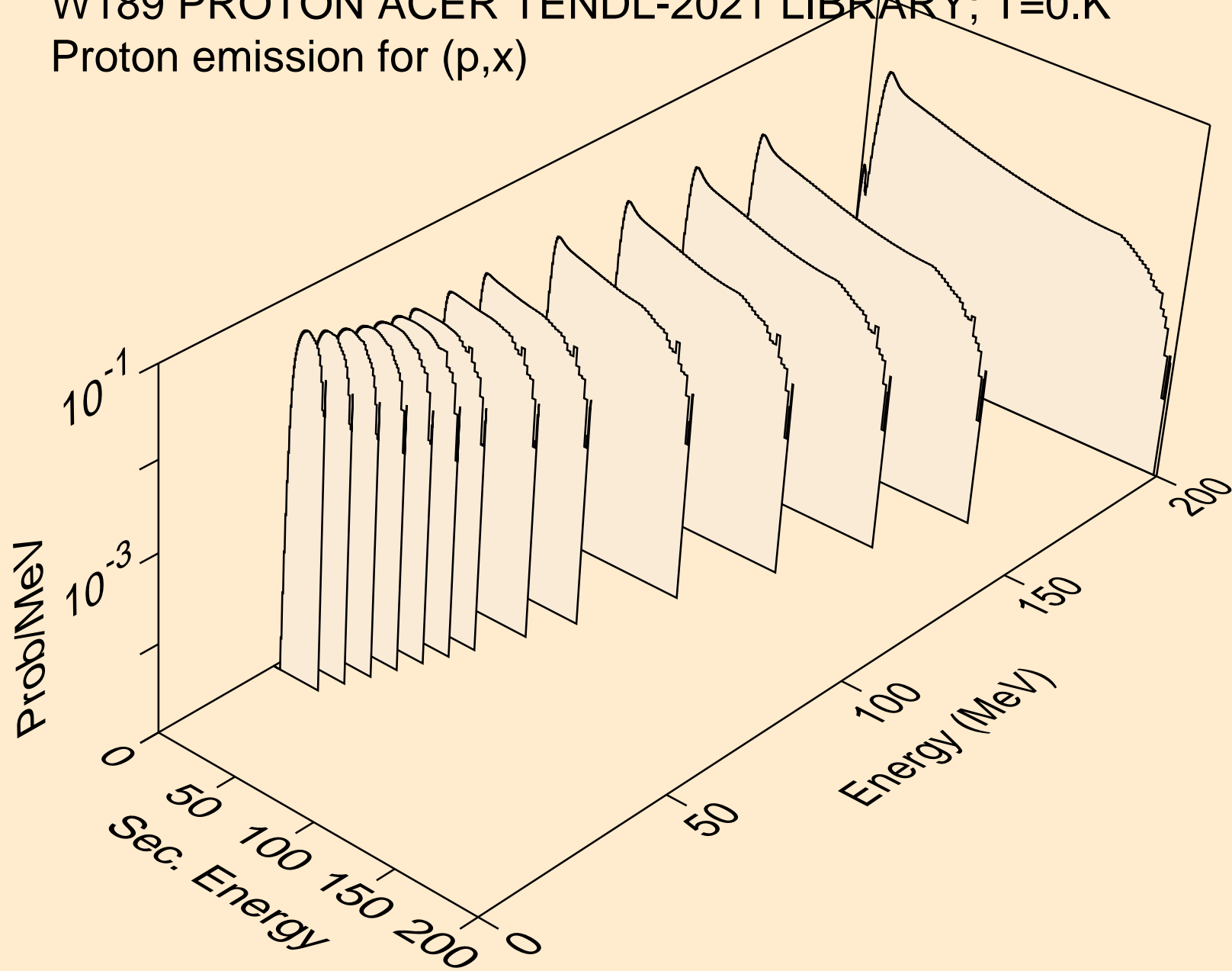
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



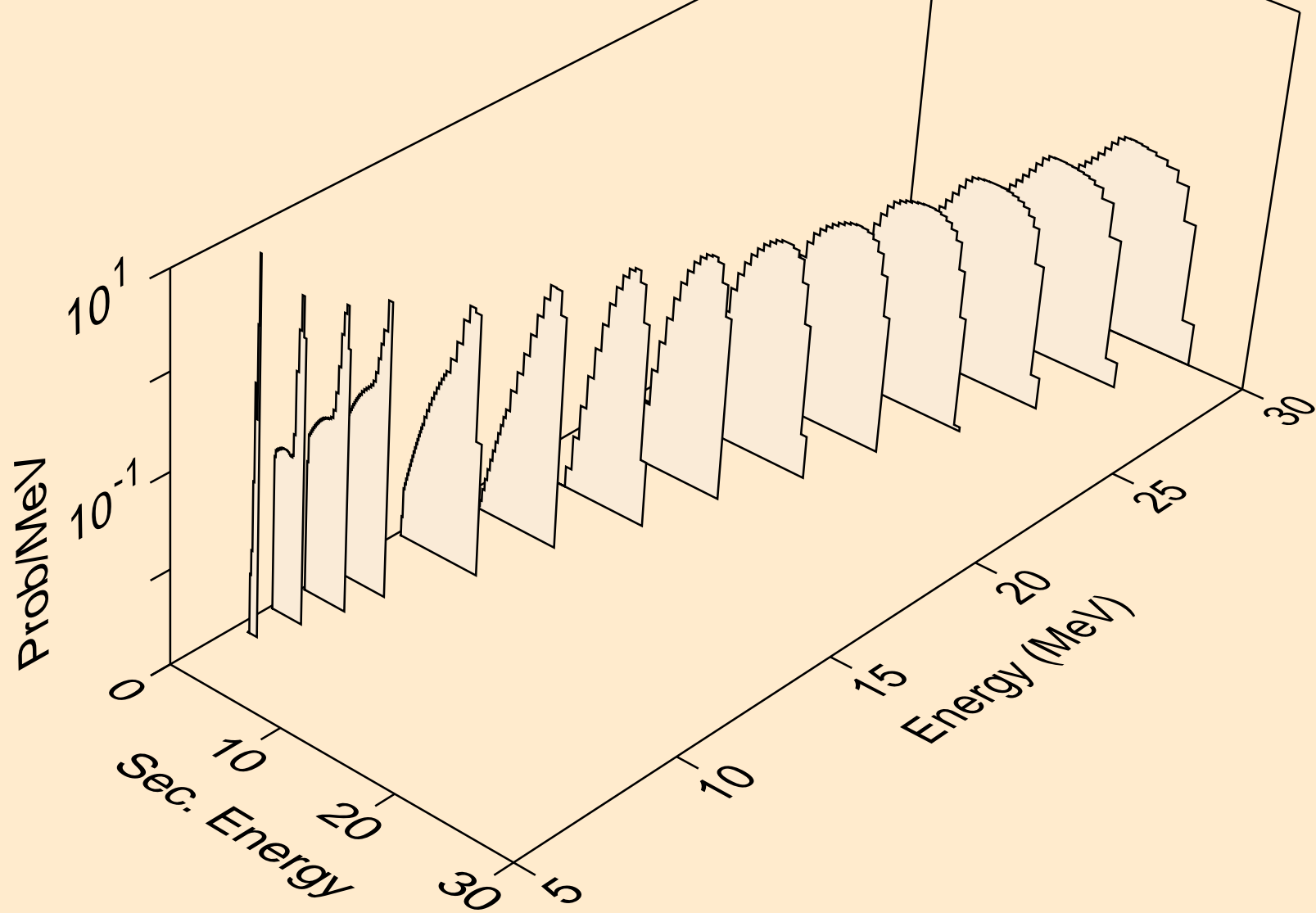
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



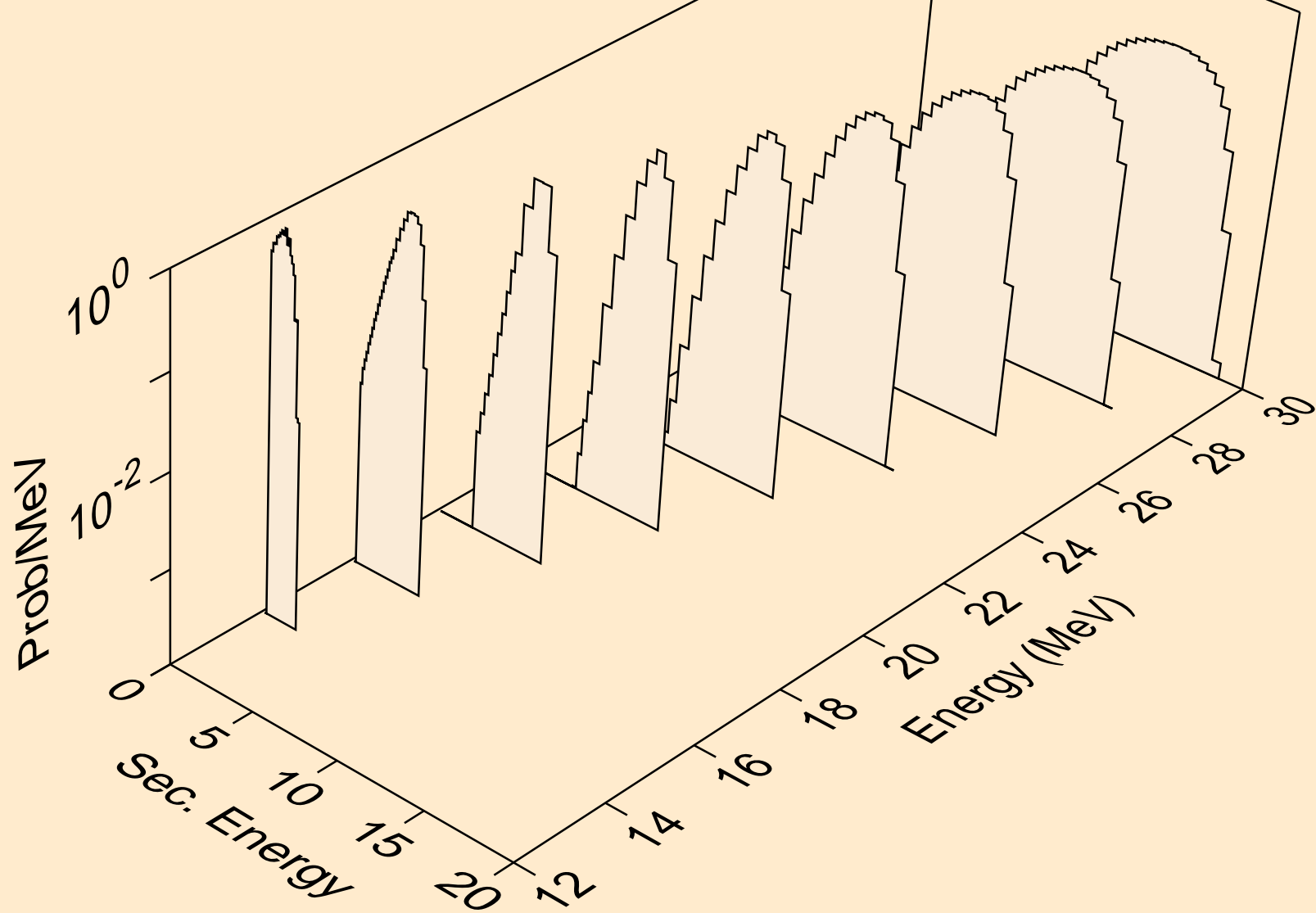
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



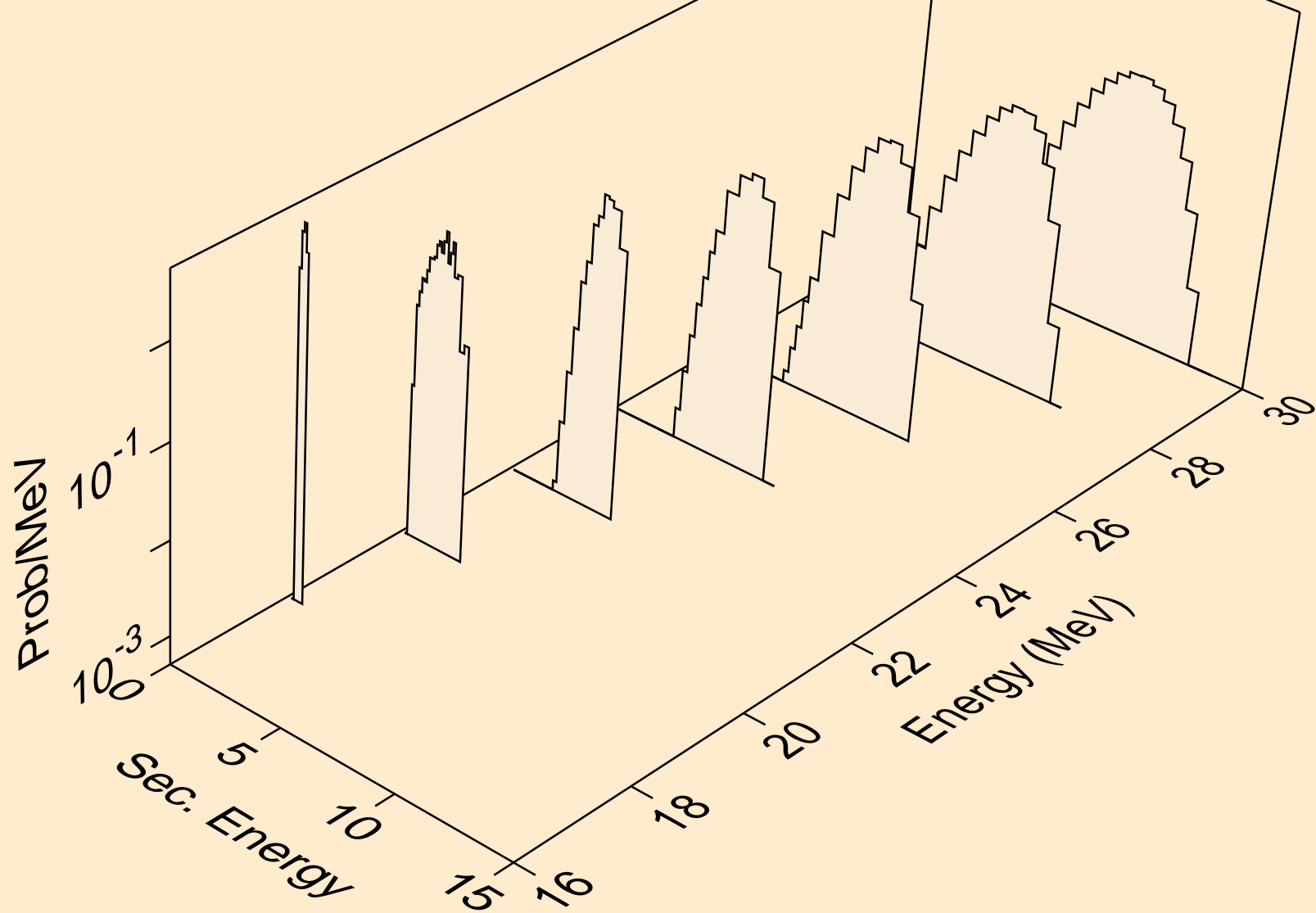
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



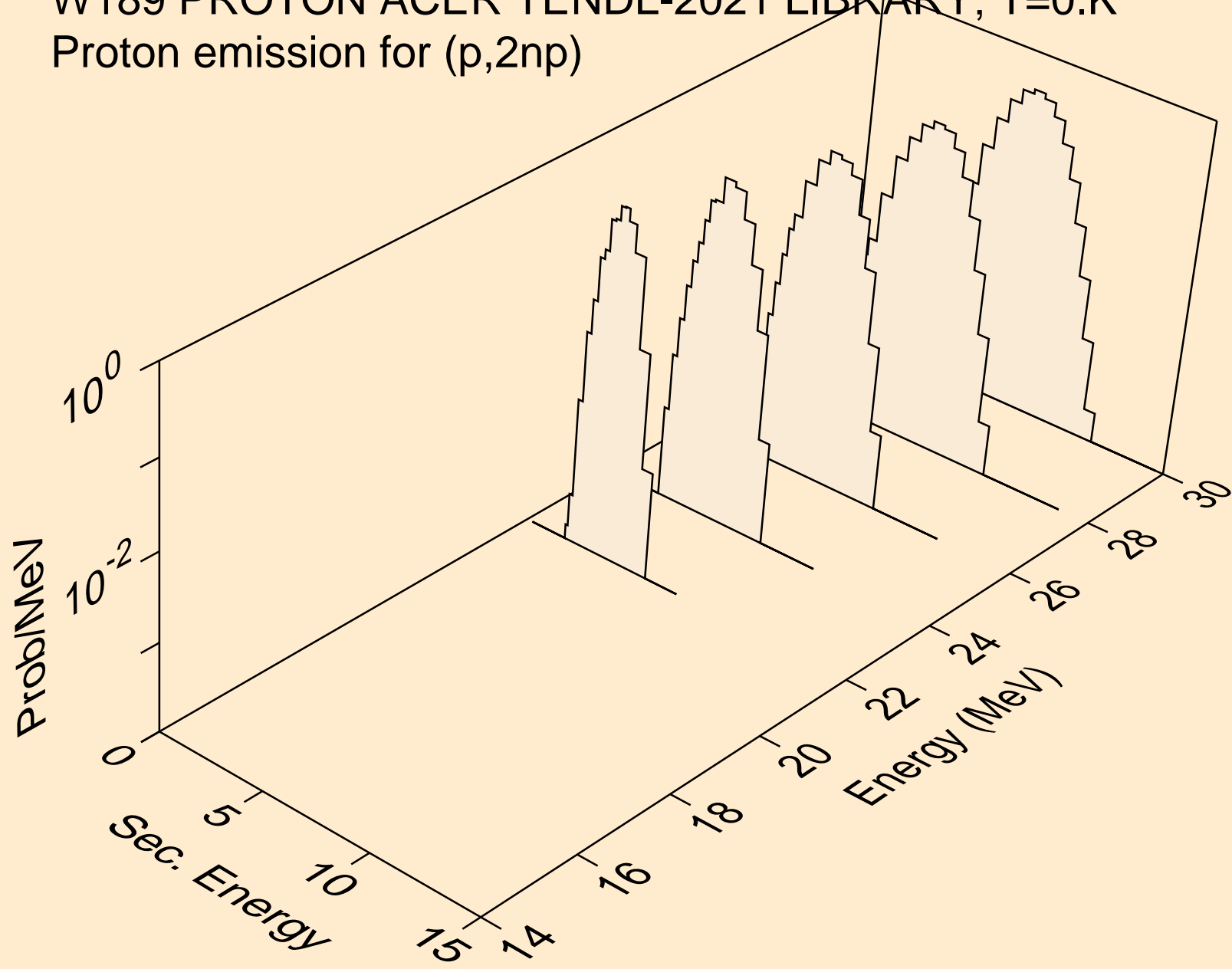
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



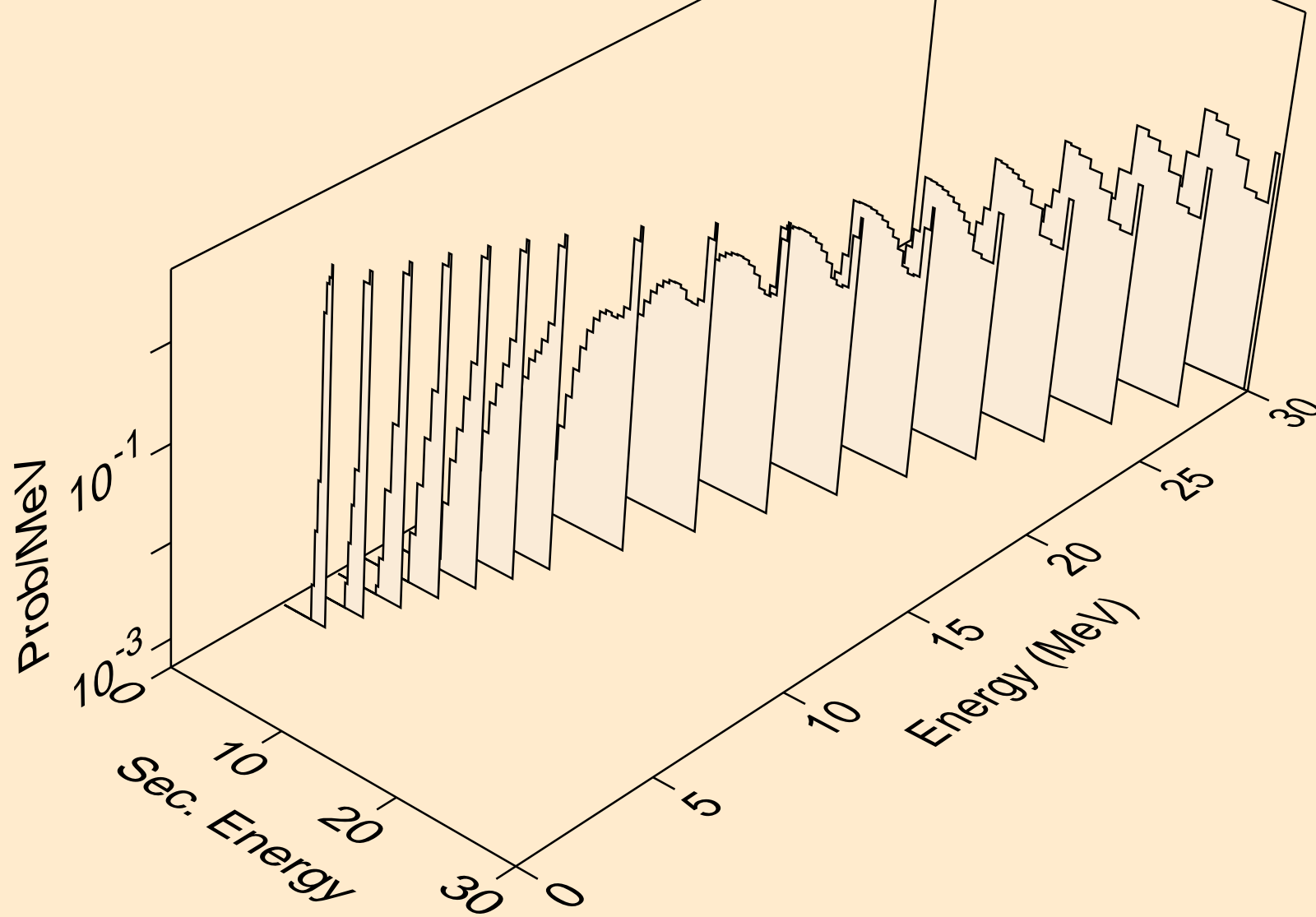
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)

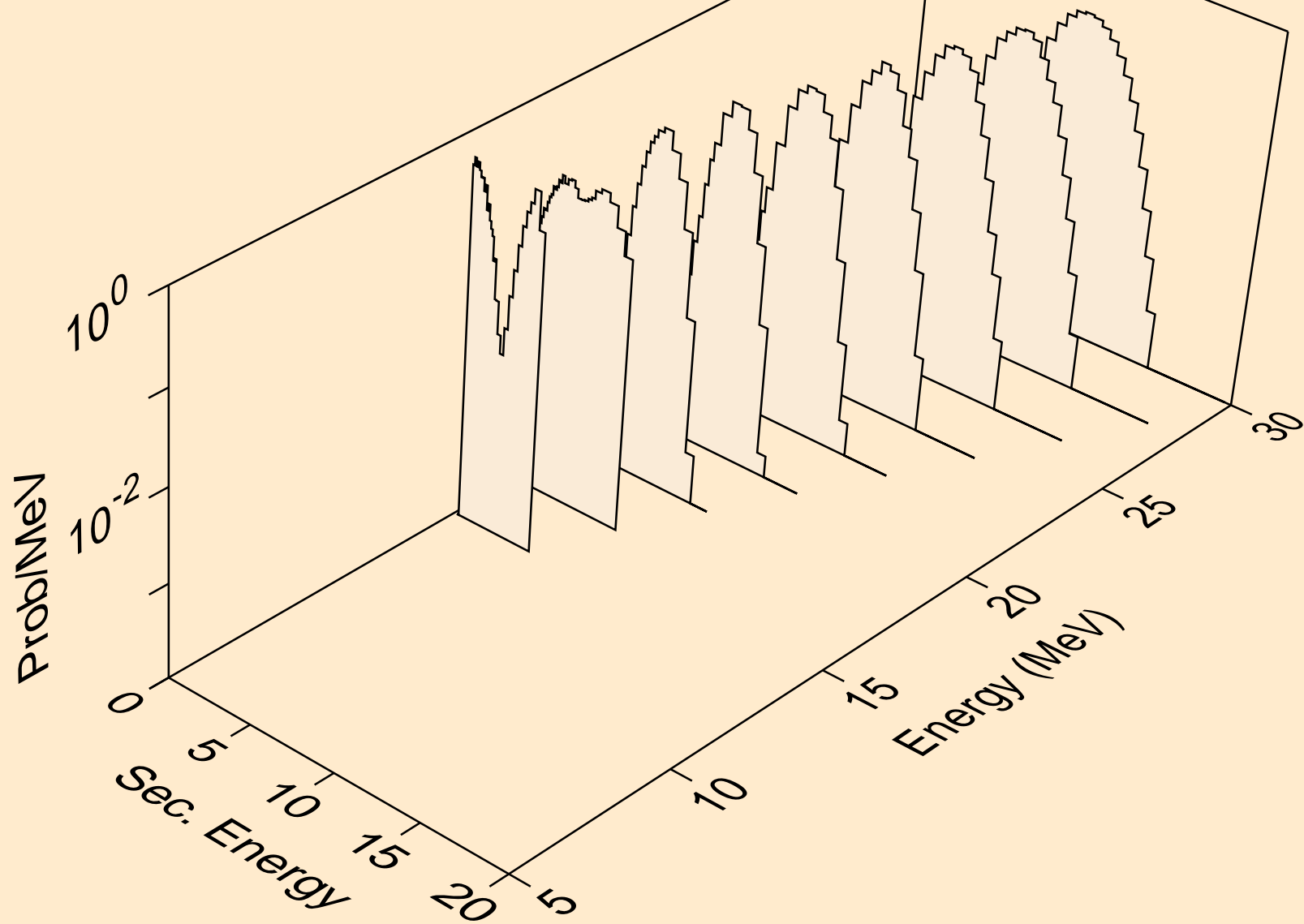


W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

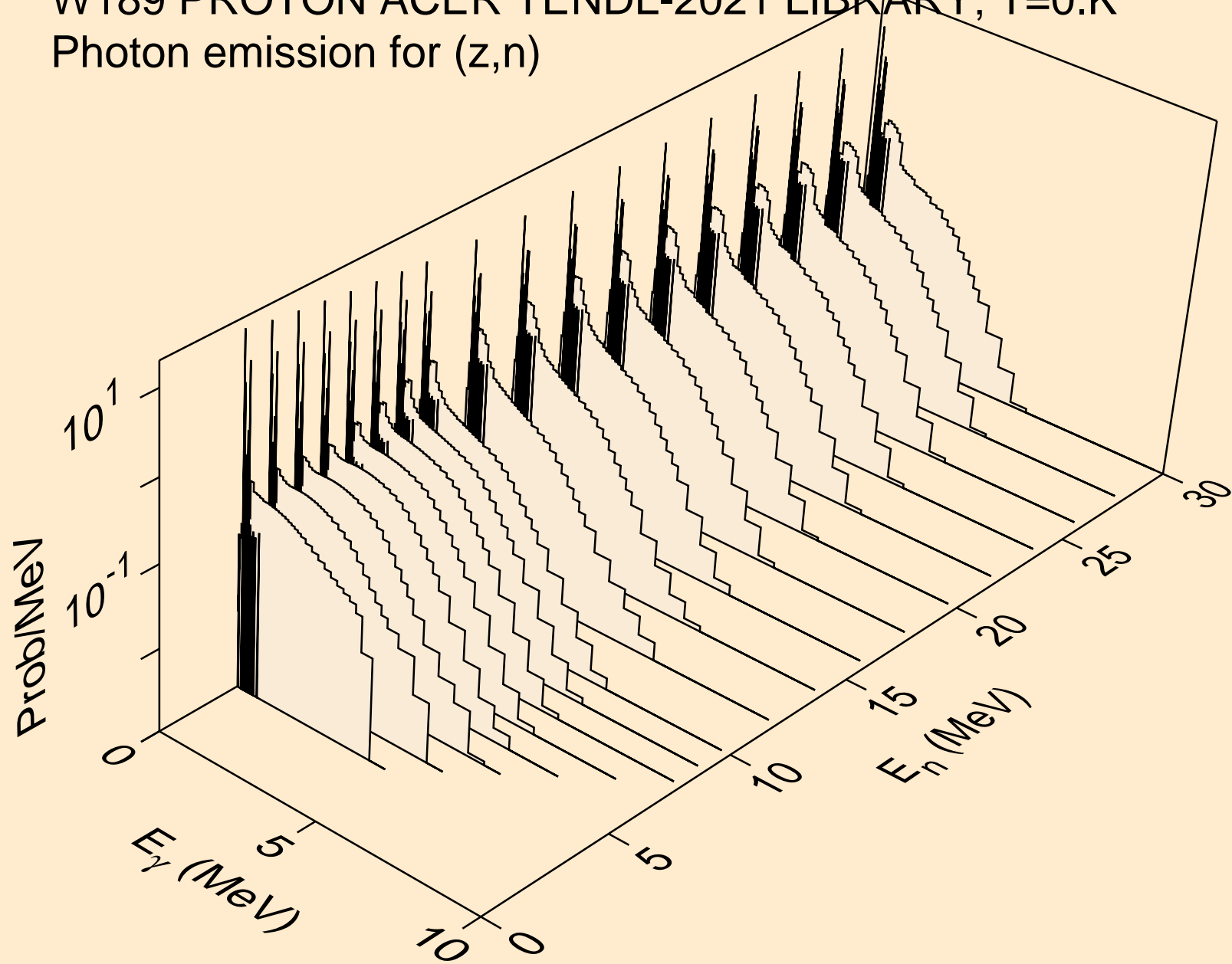




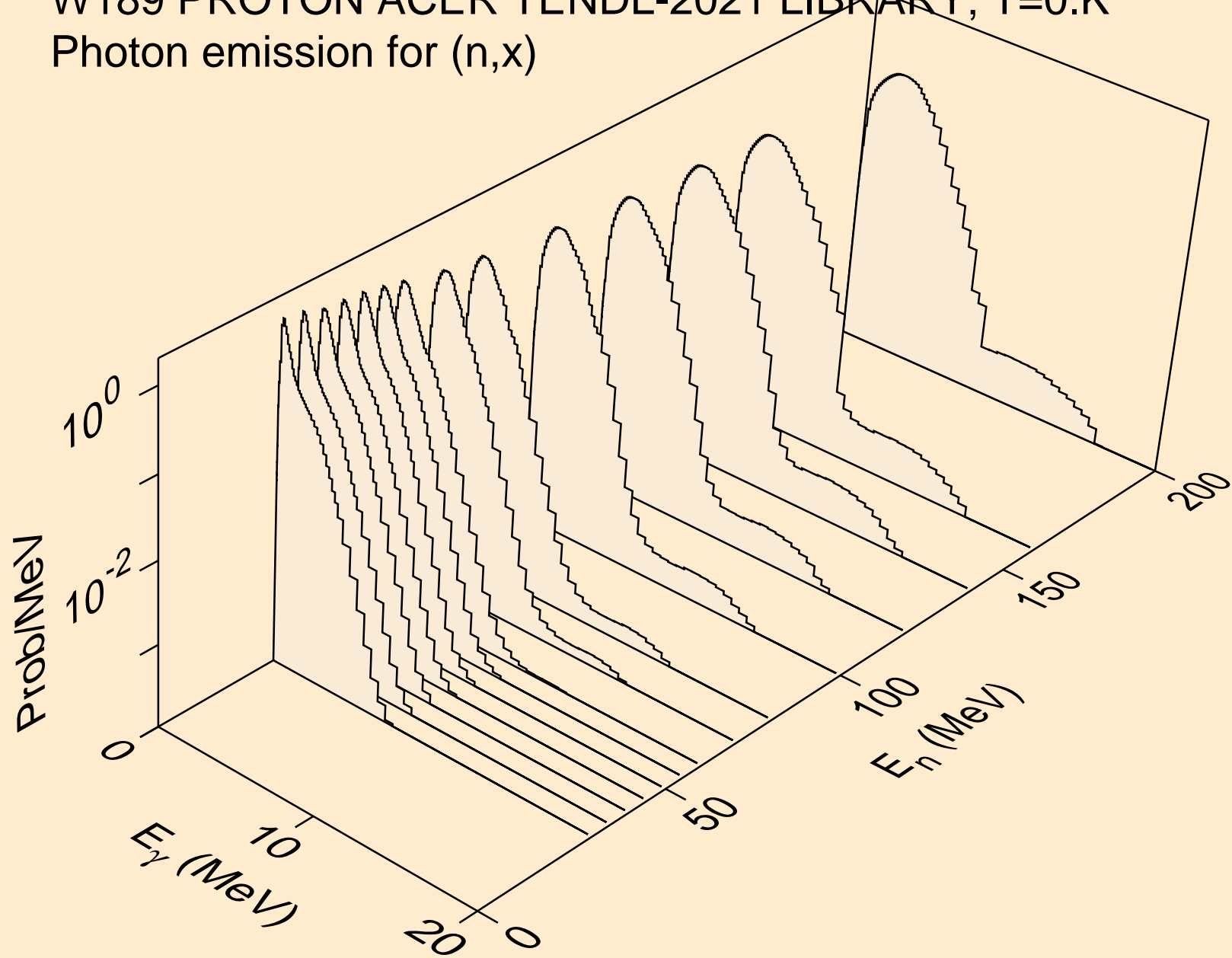
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



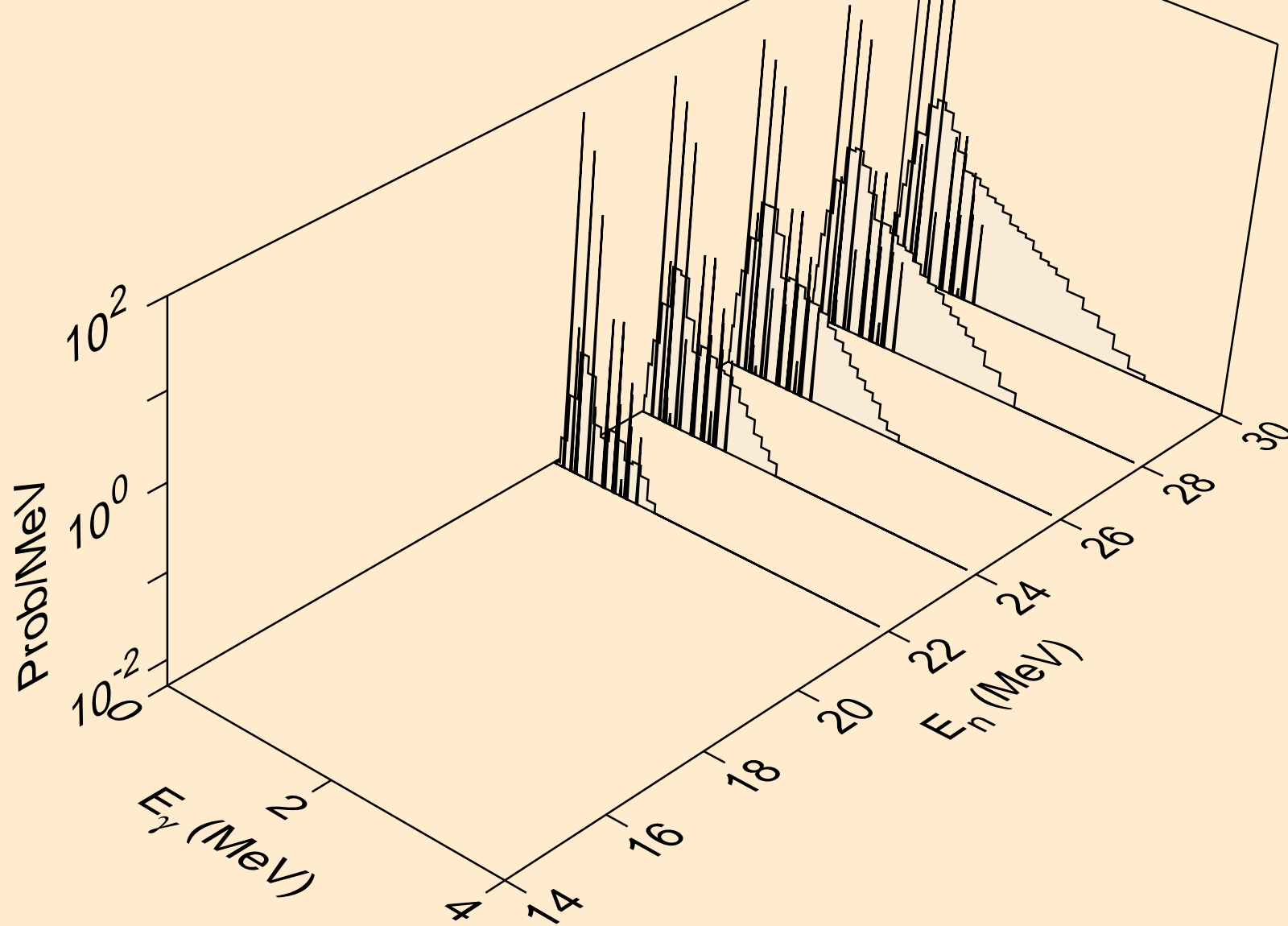
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



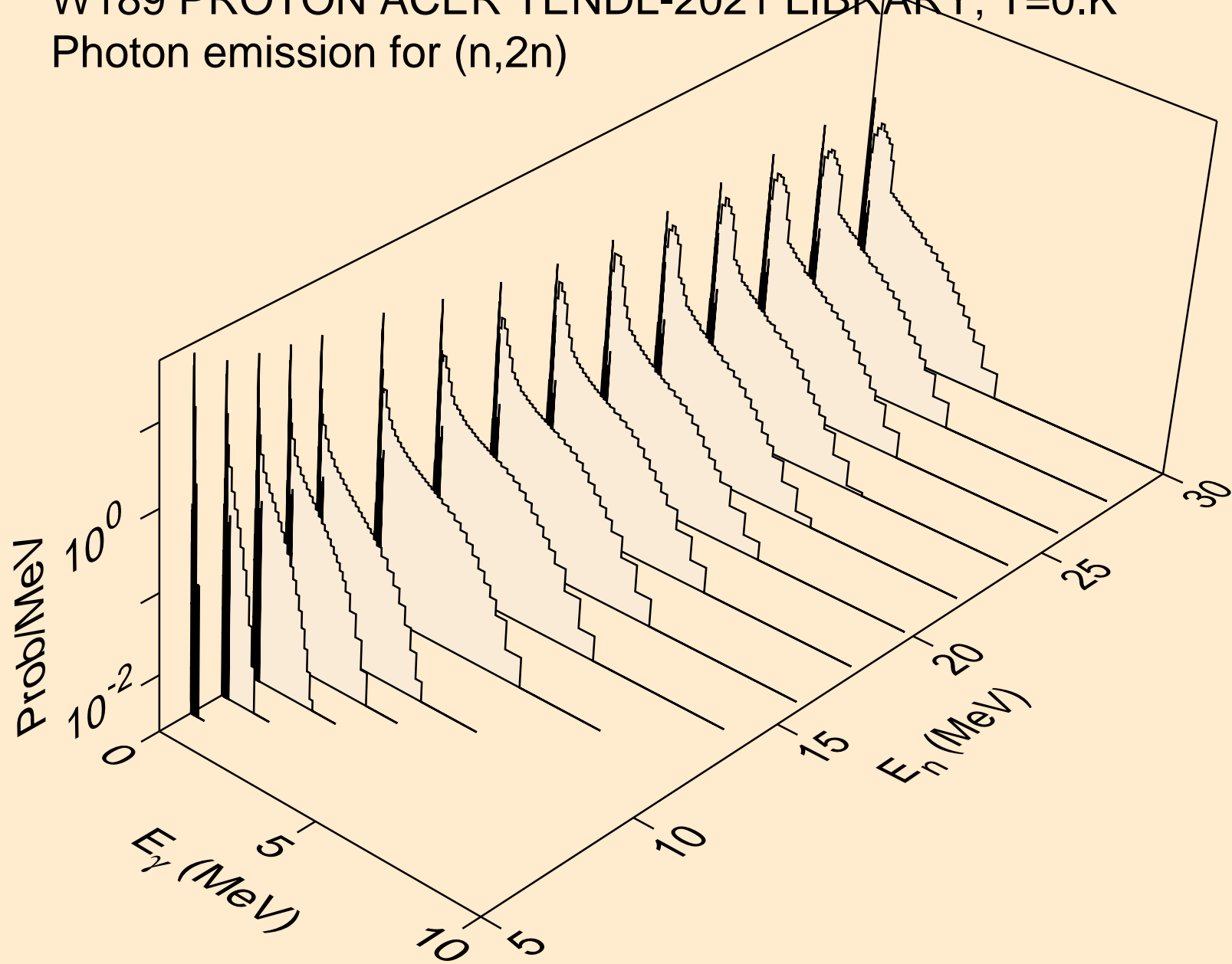
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



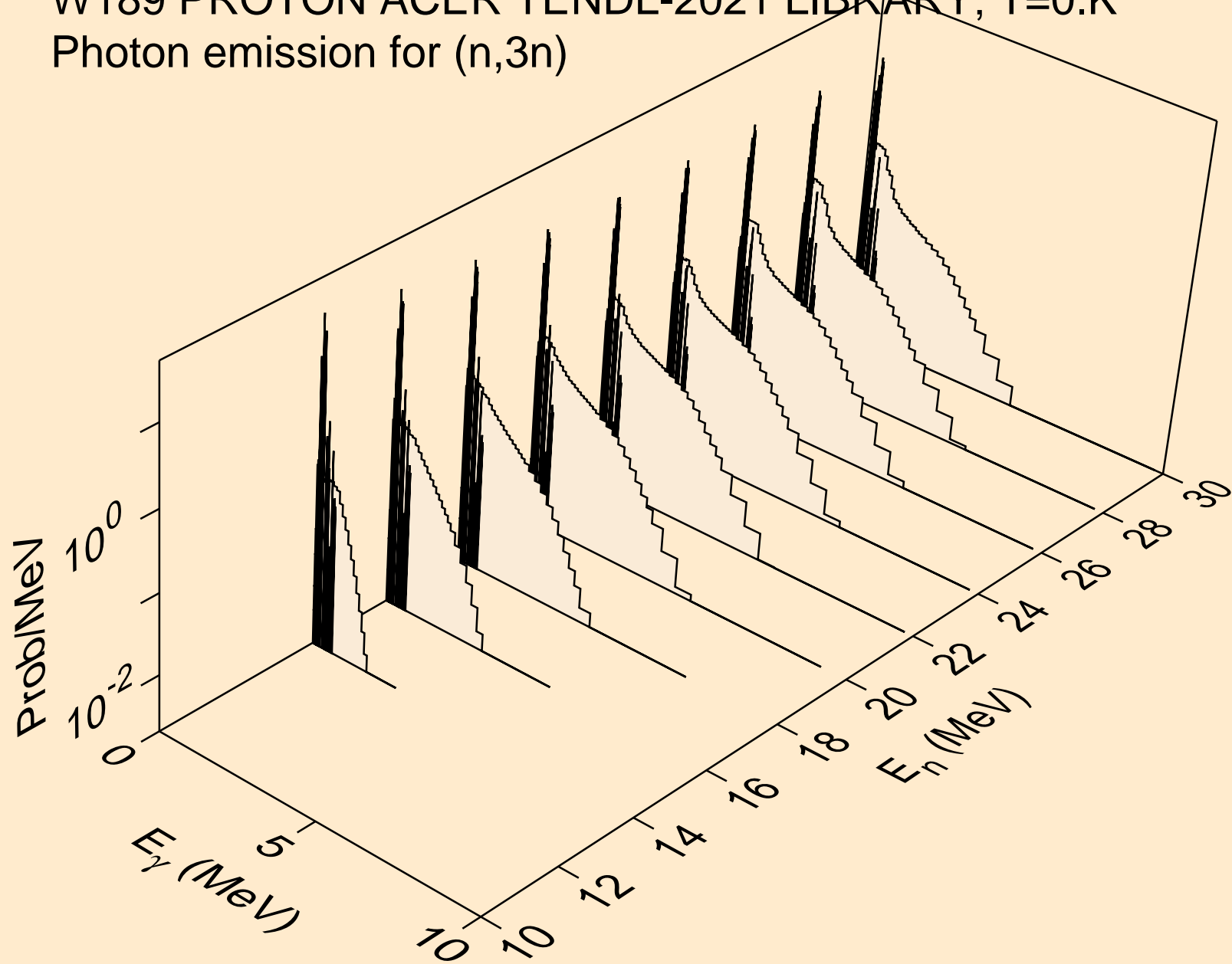
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



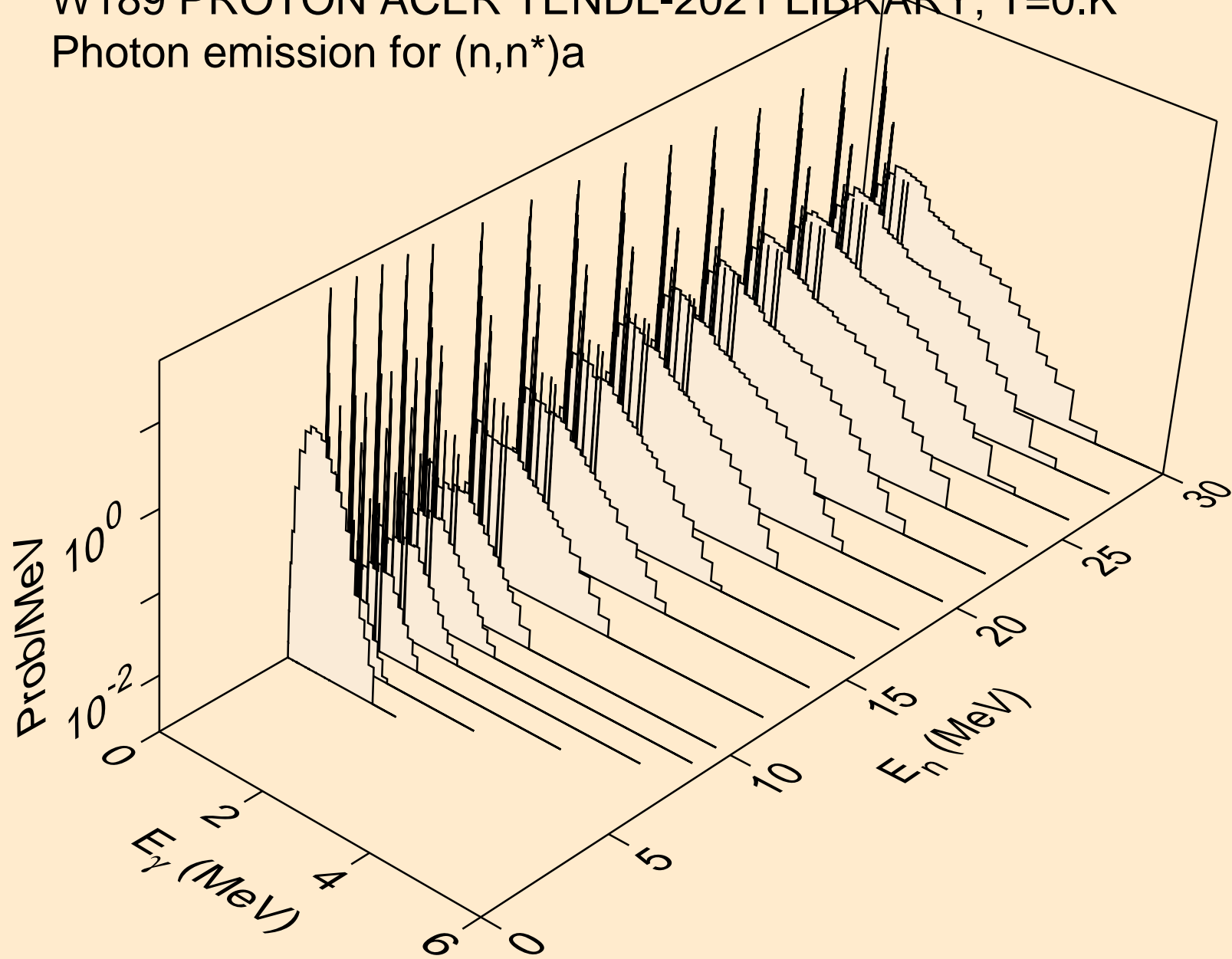
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



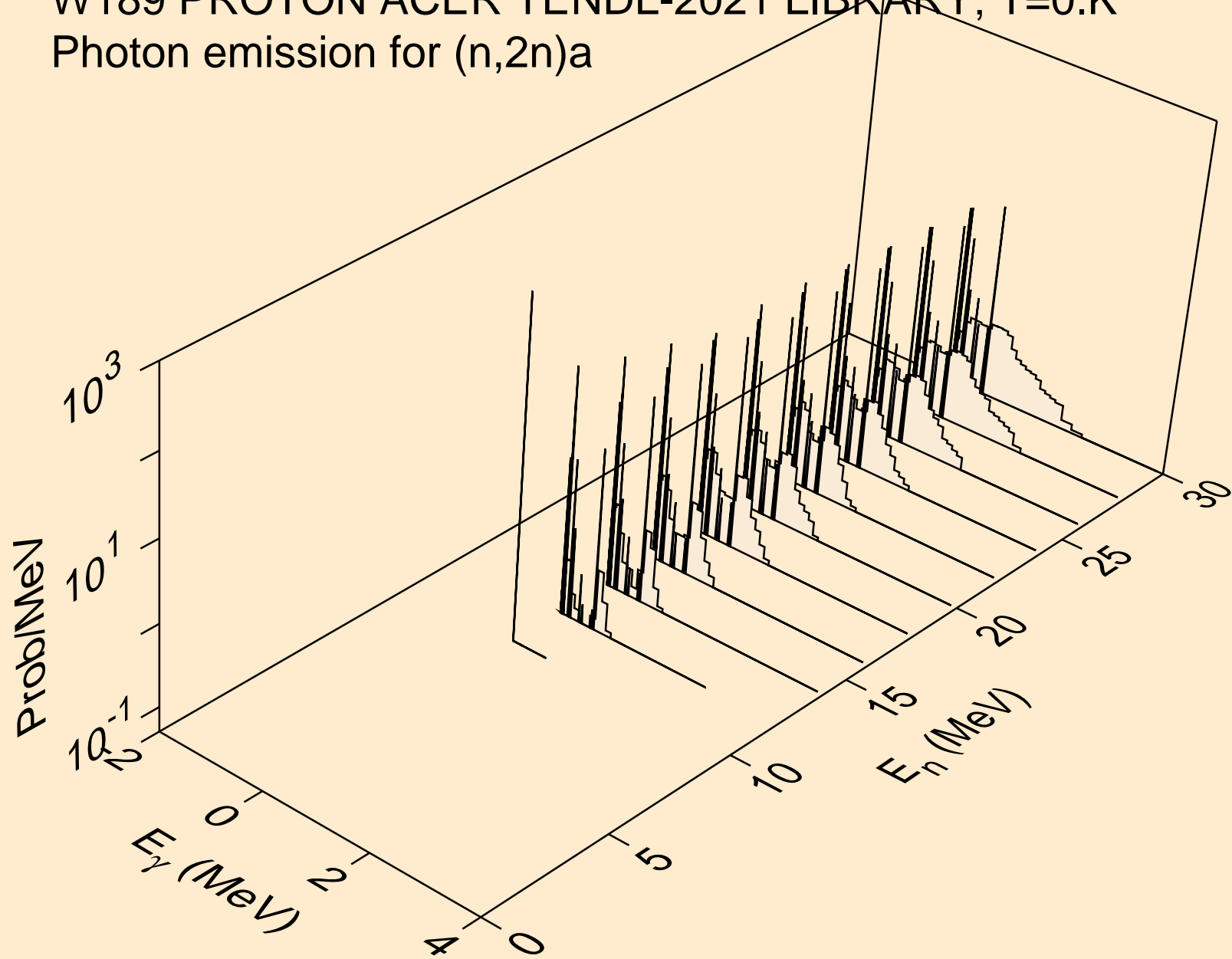
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

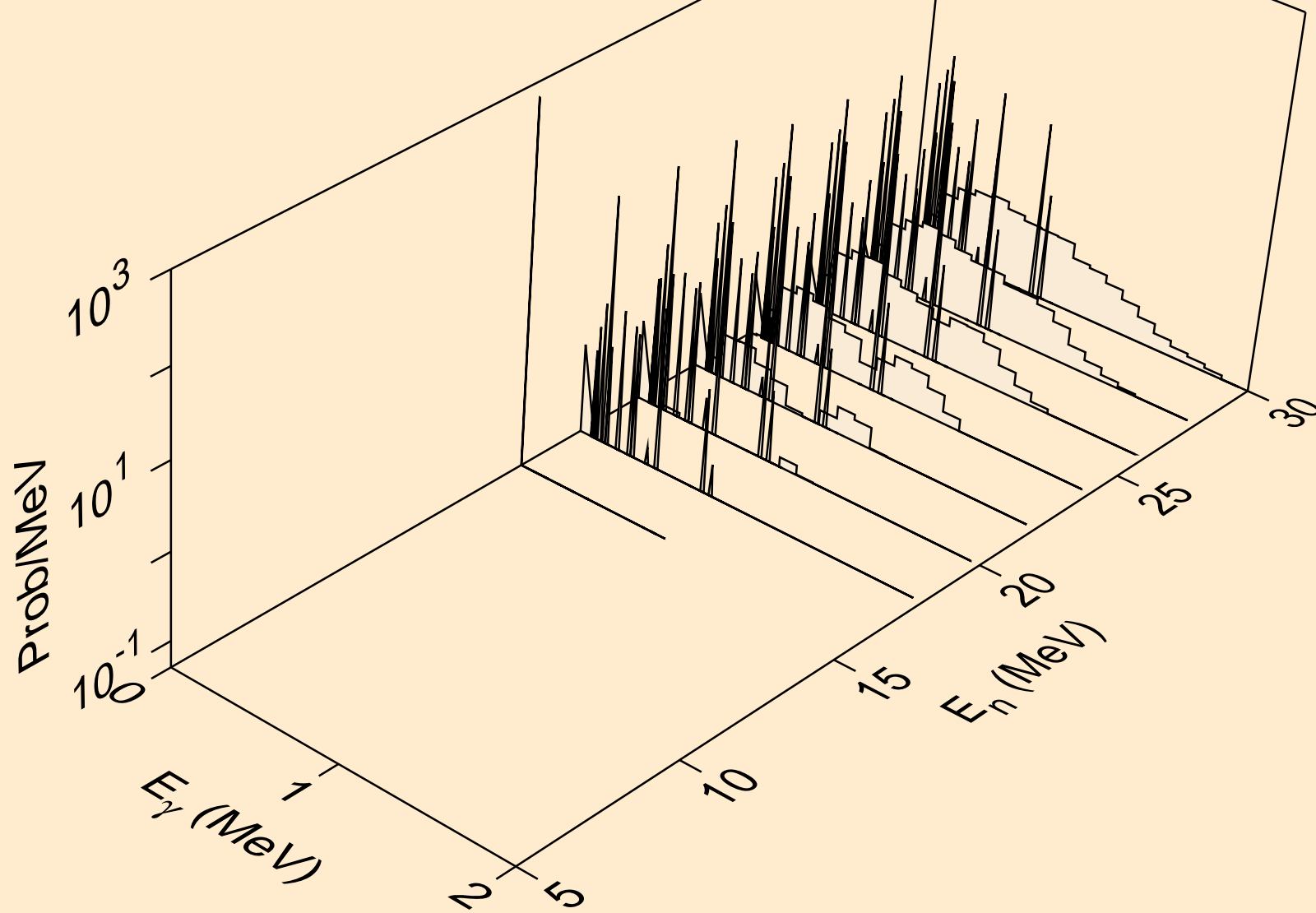


W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

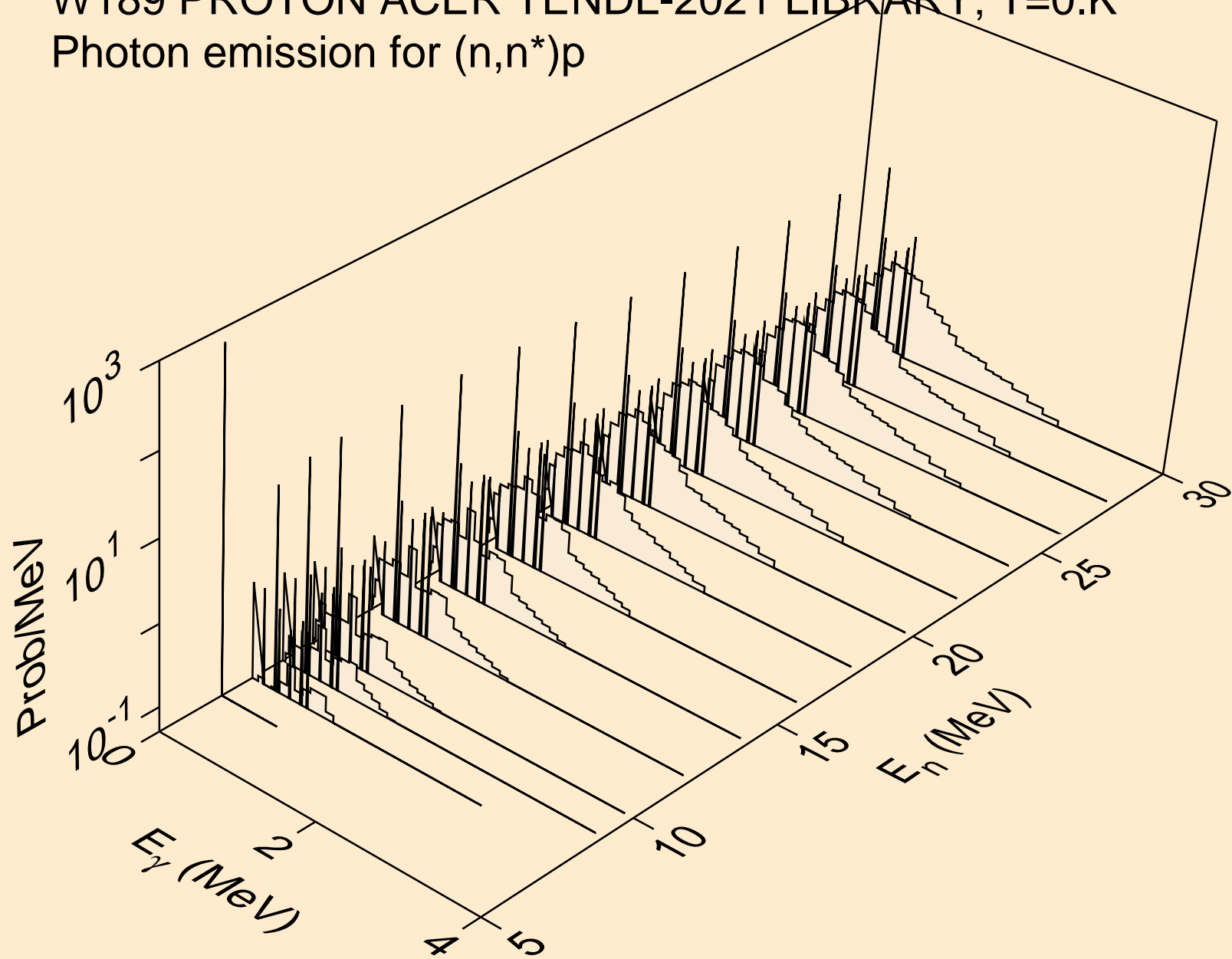




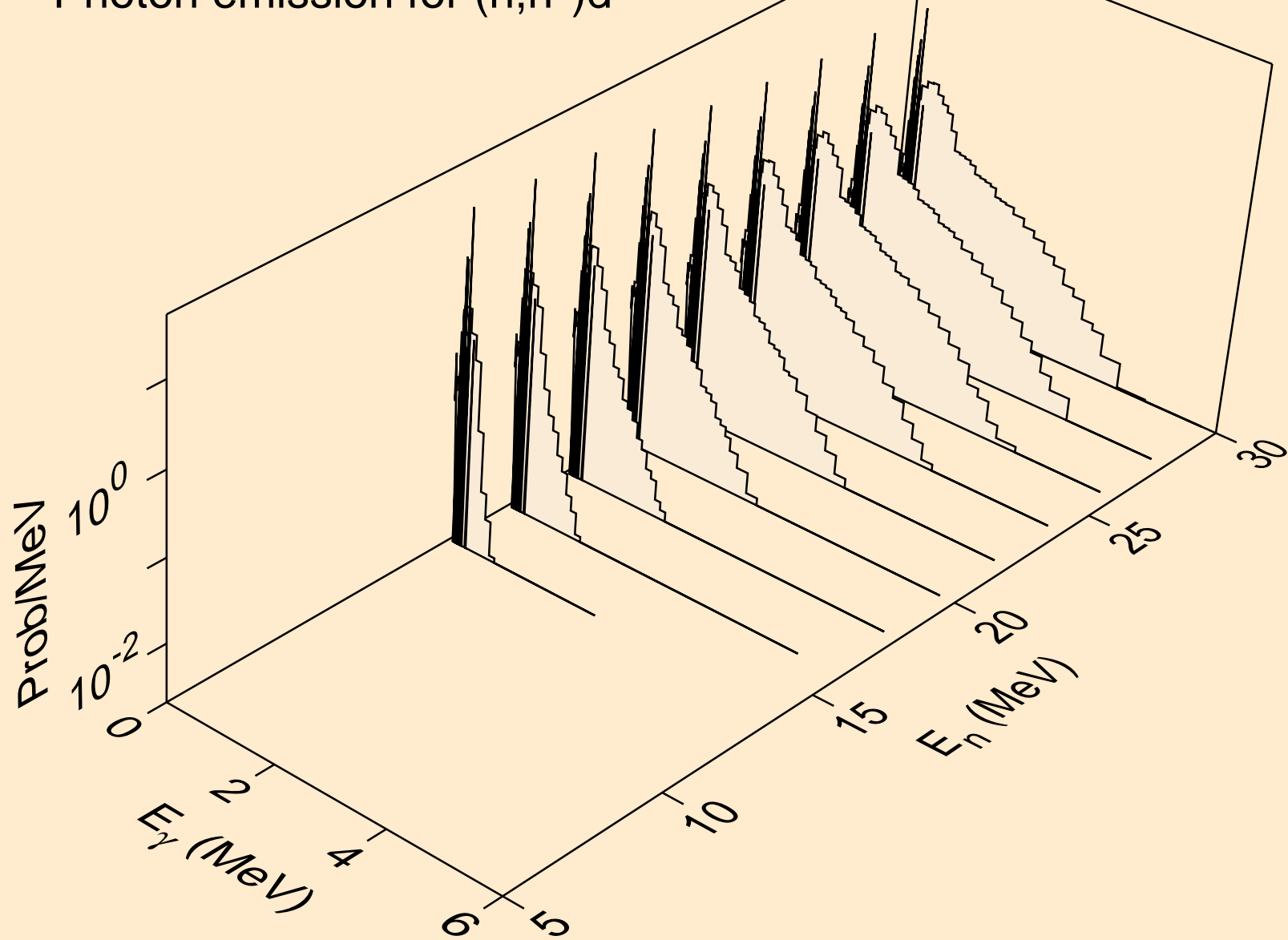
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



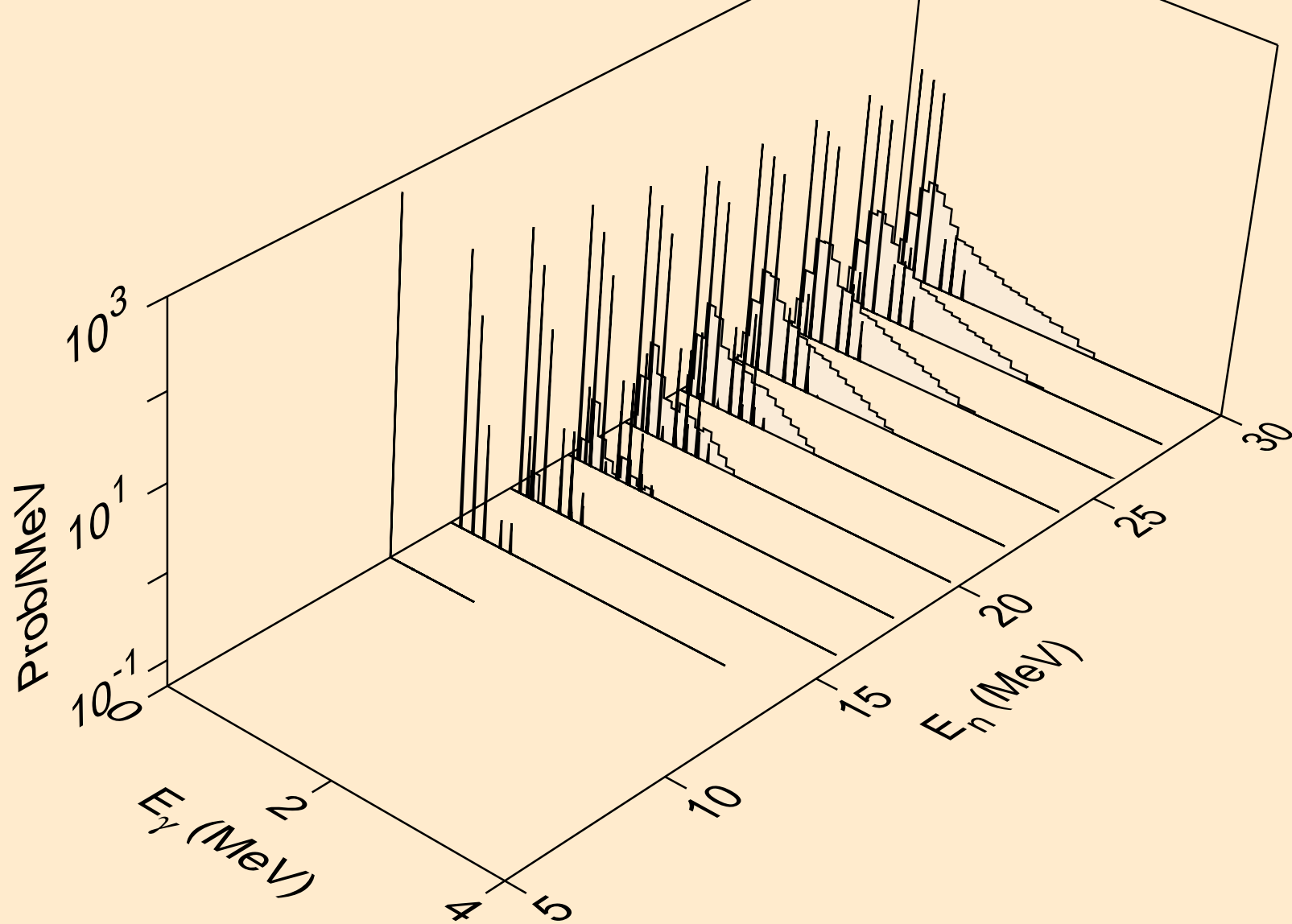
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



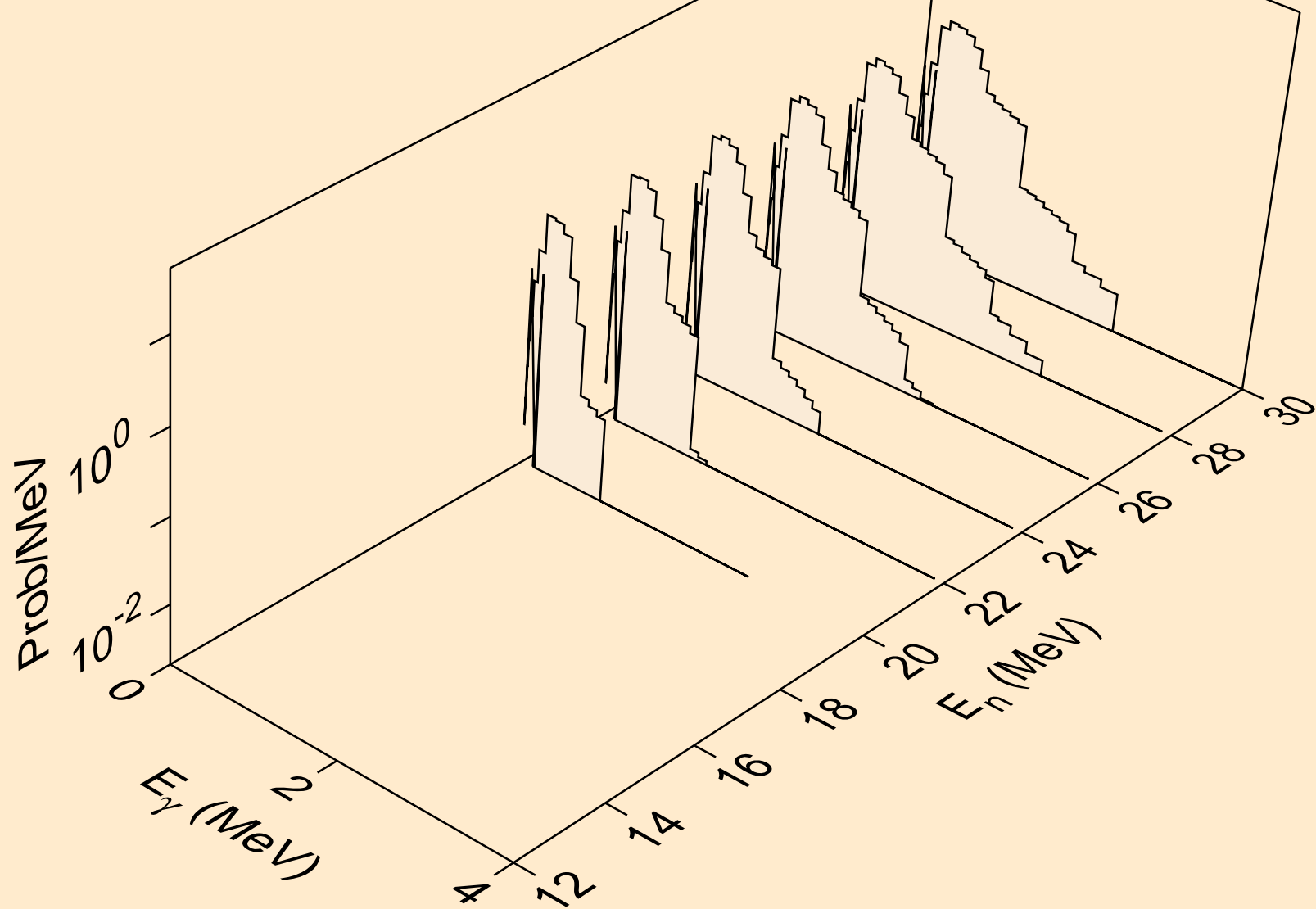
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



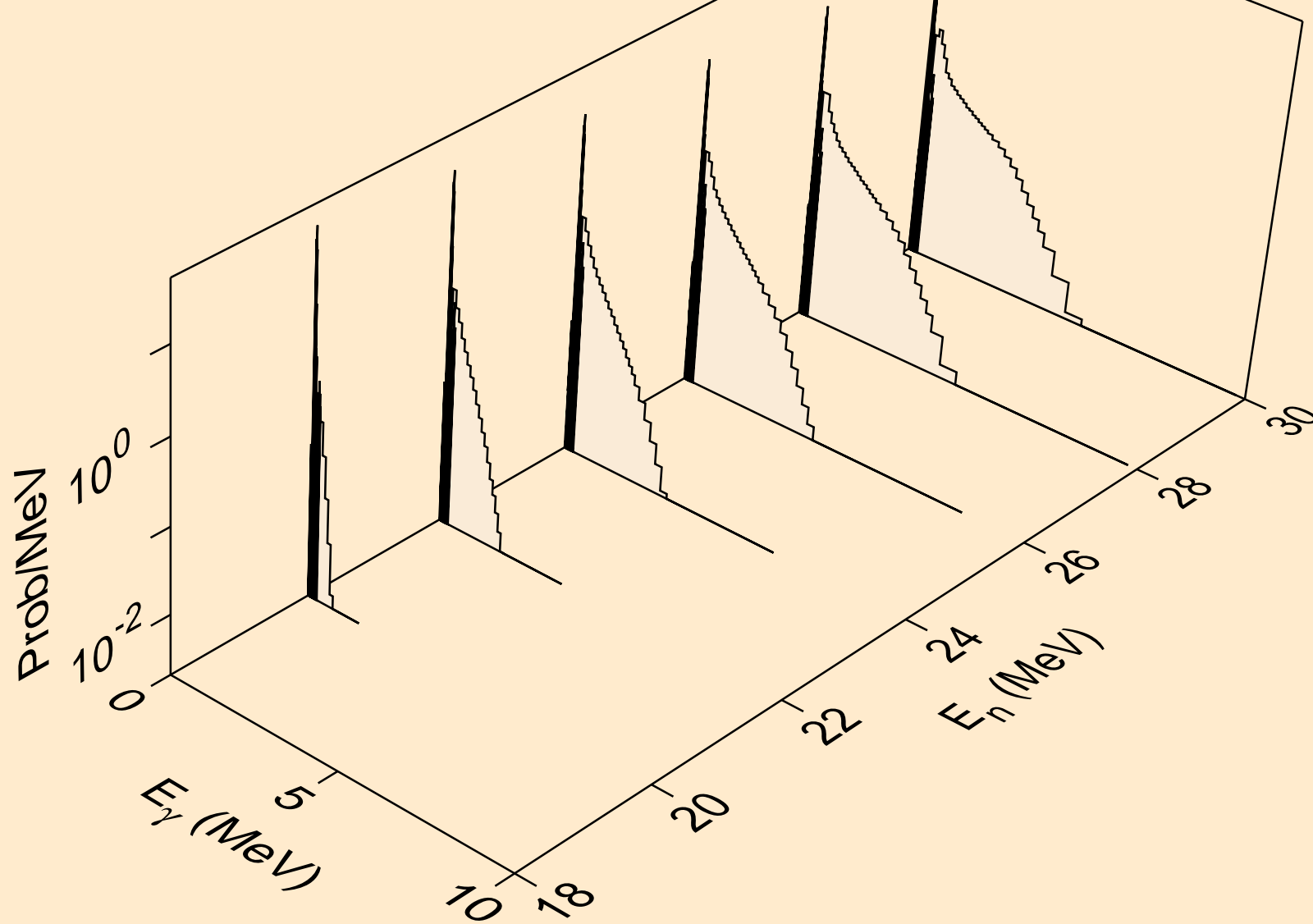
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



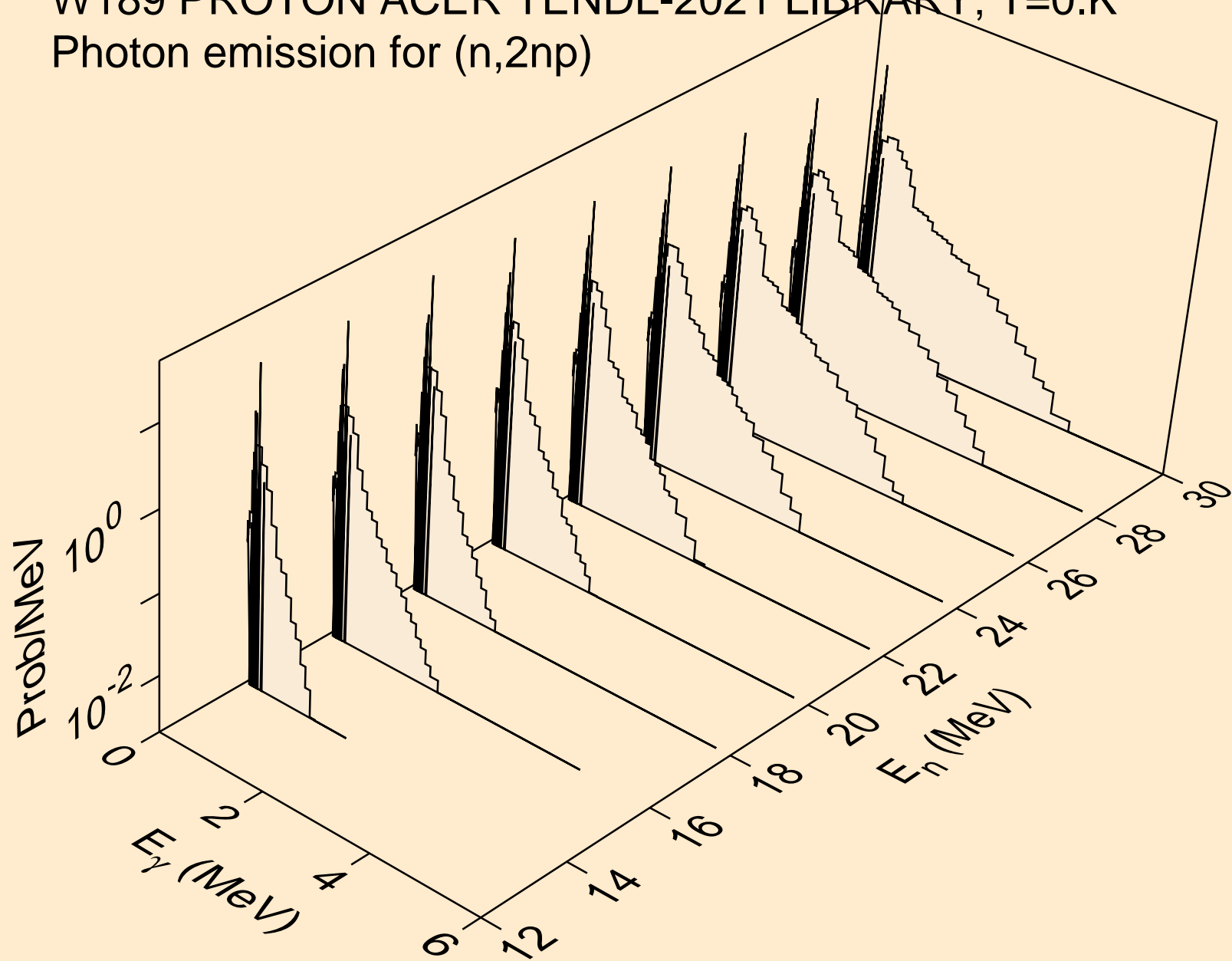
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



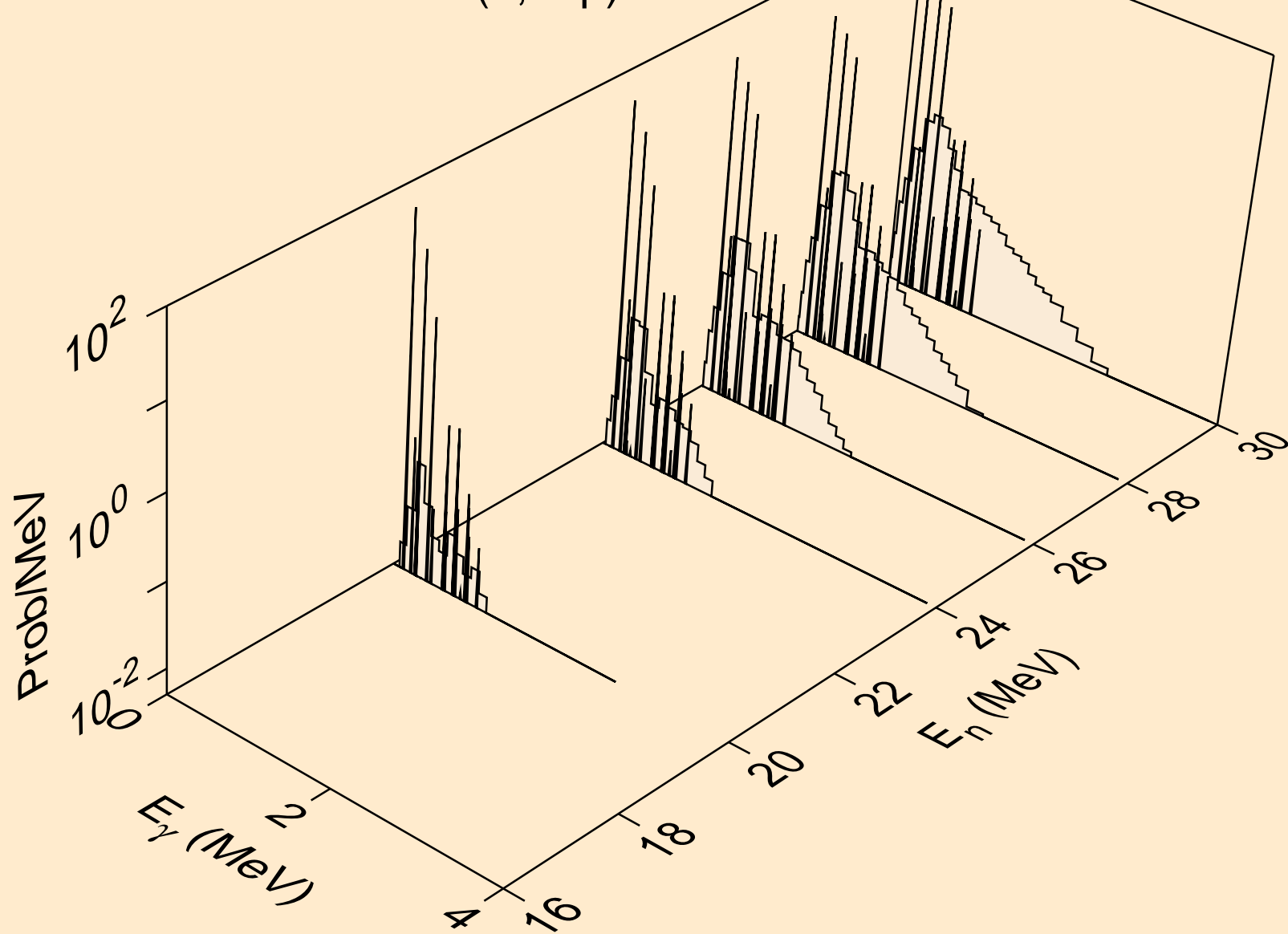
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

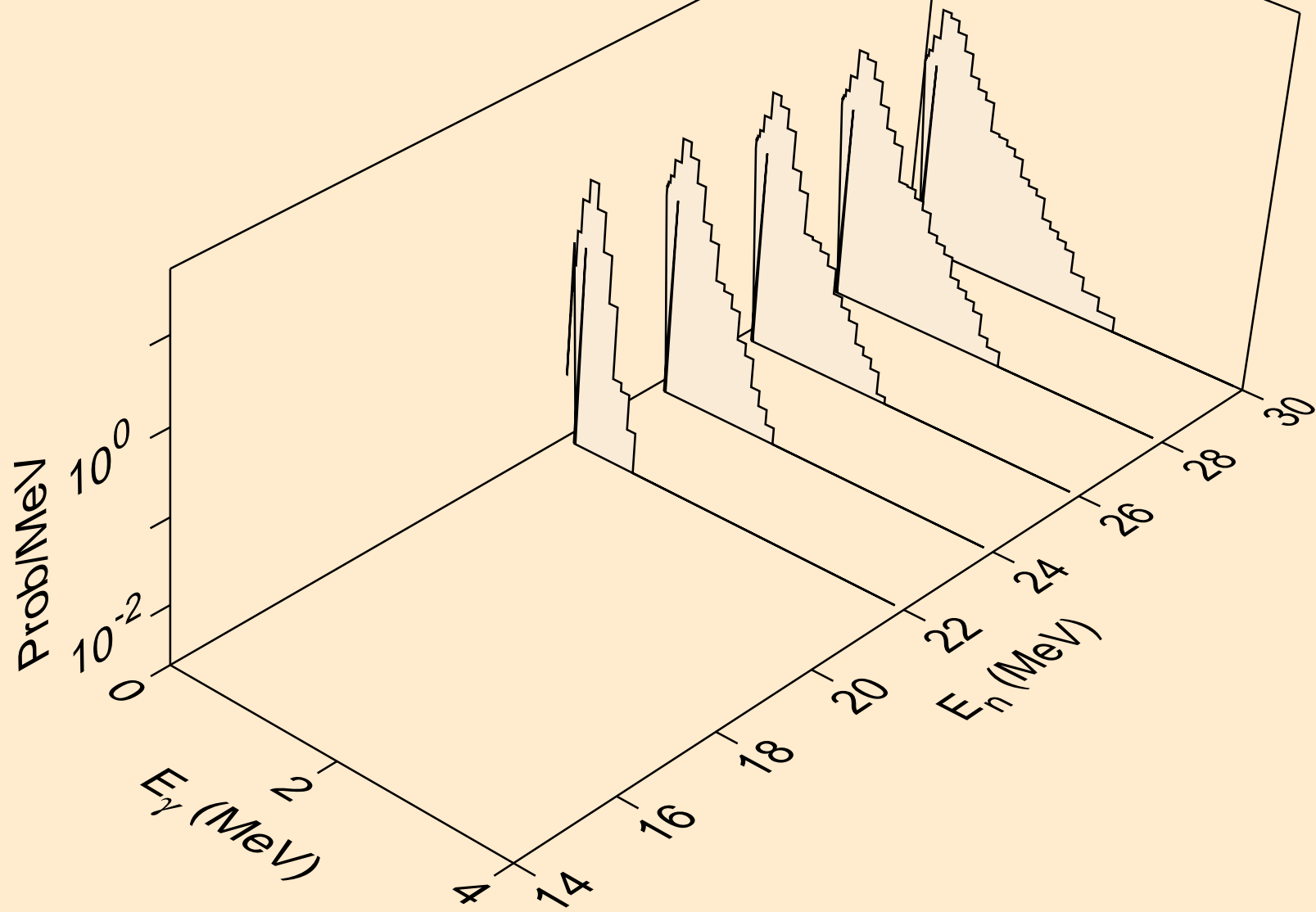


W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

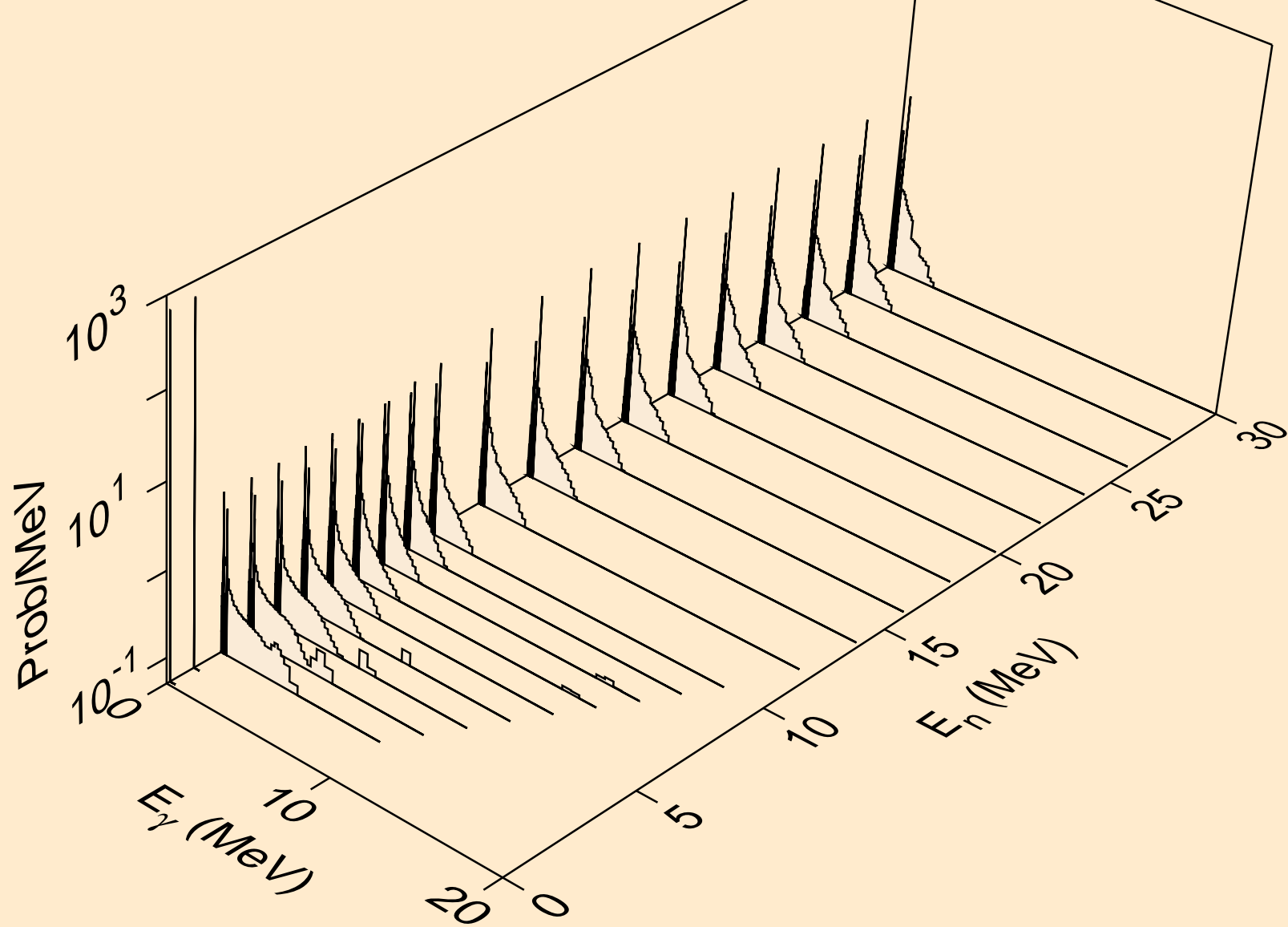




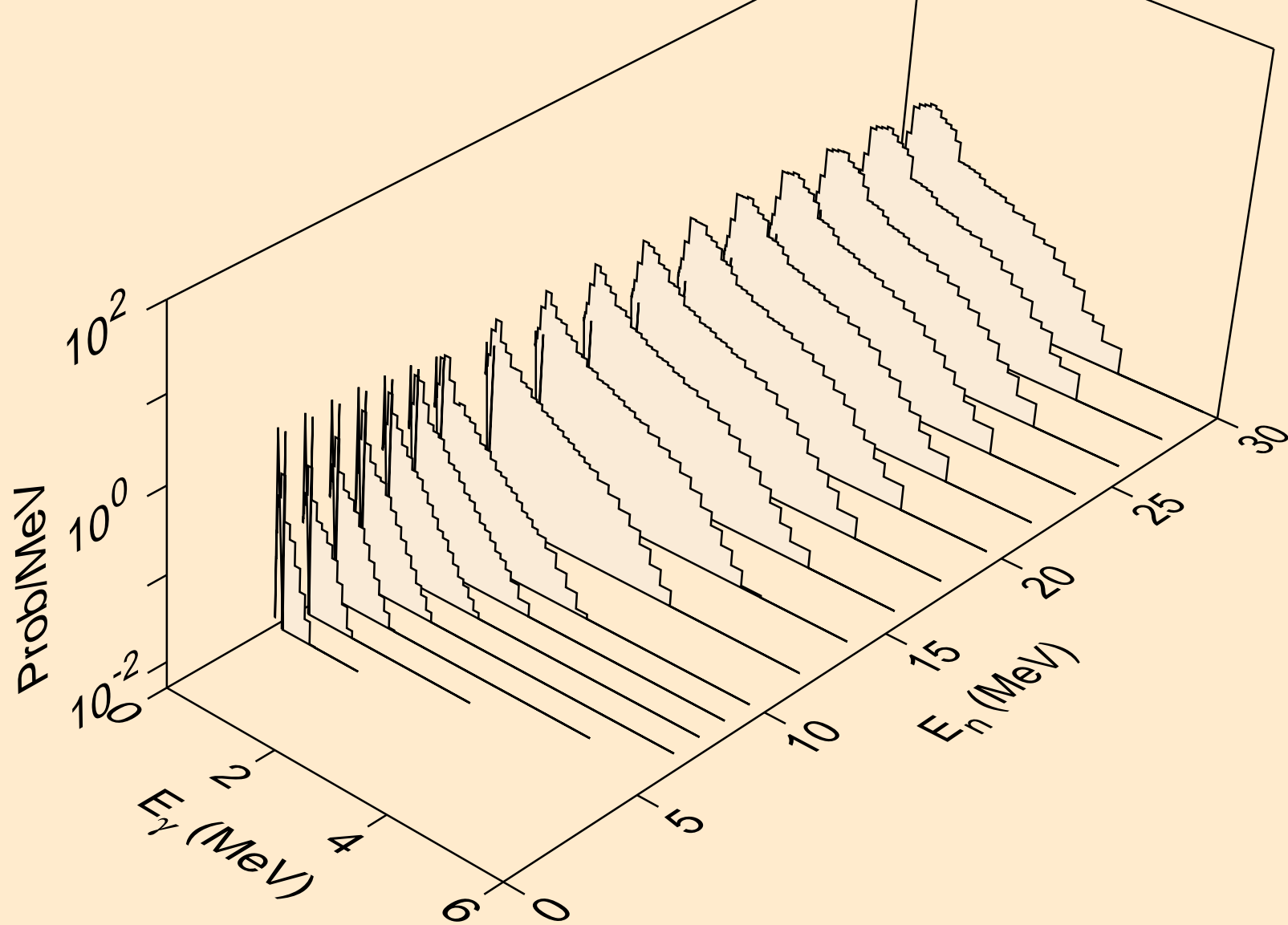
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



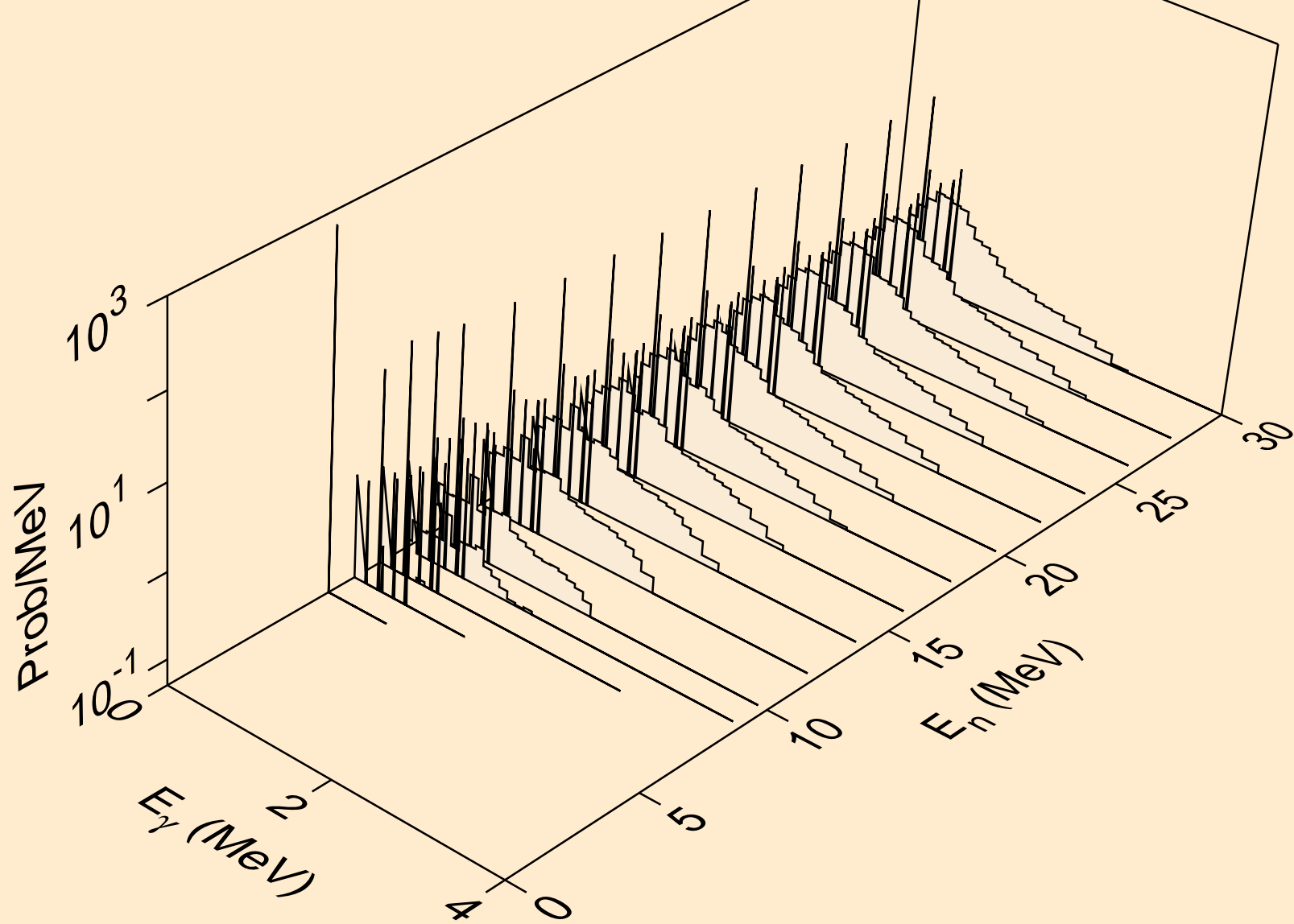
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



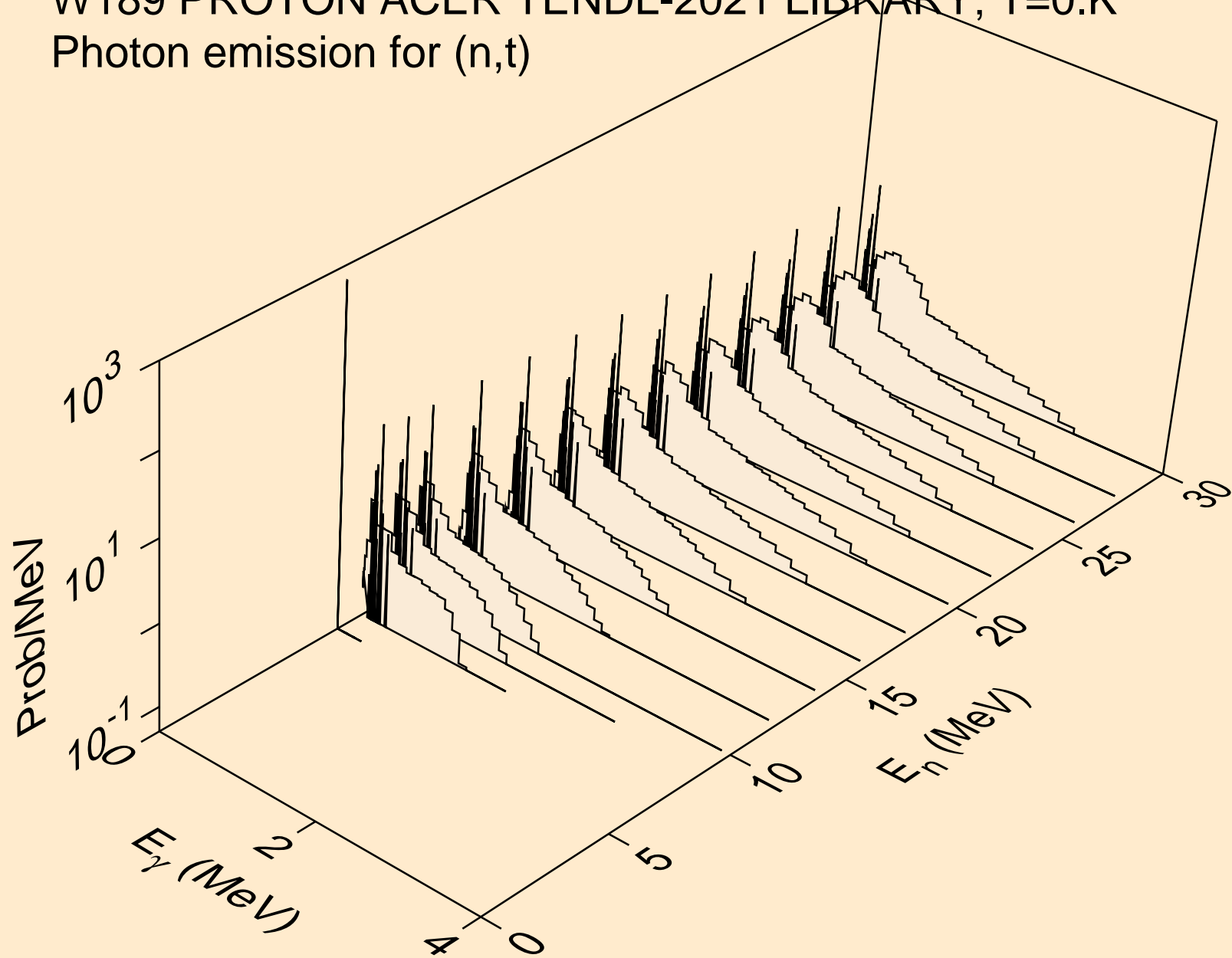
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



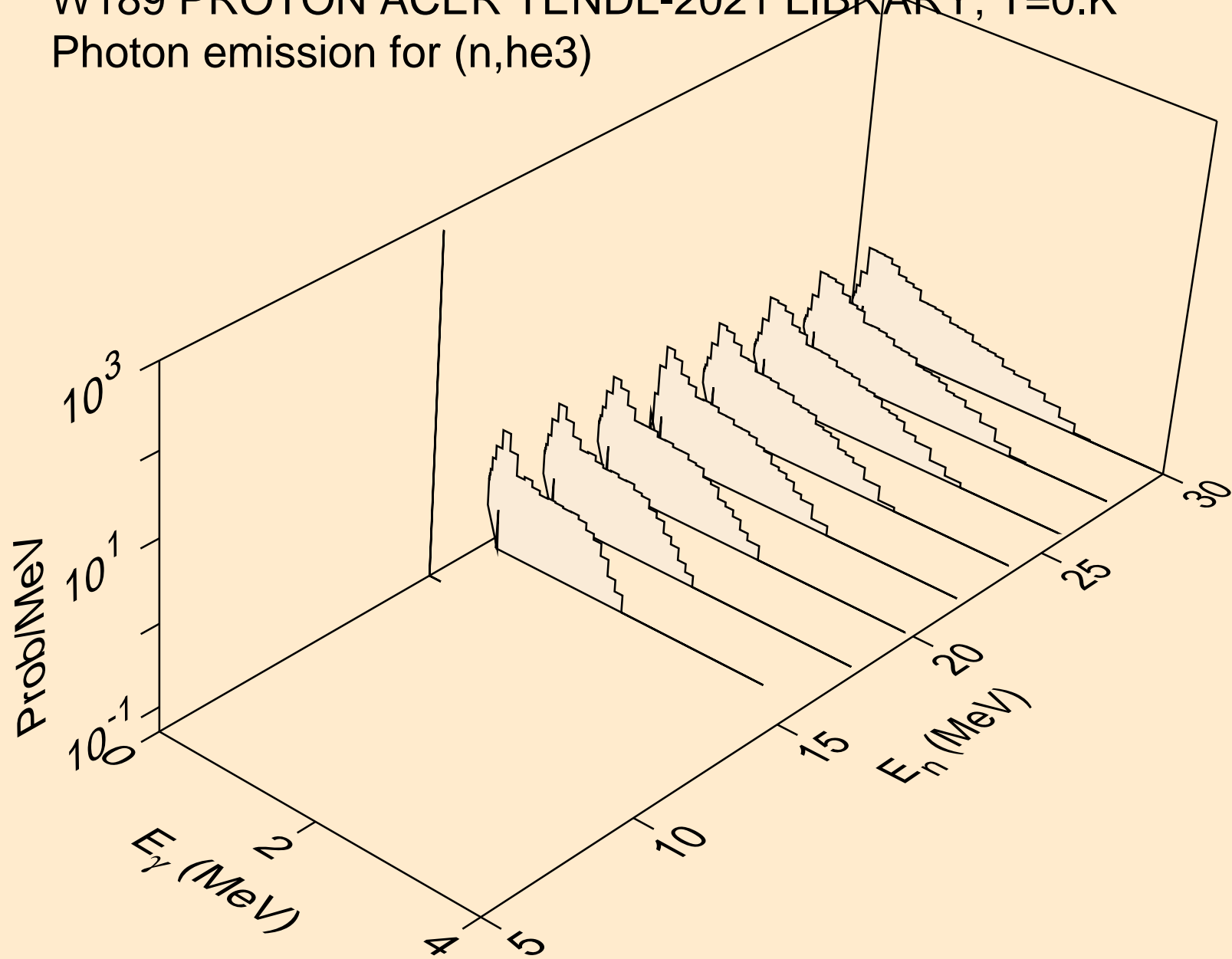
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



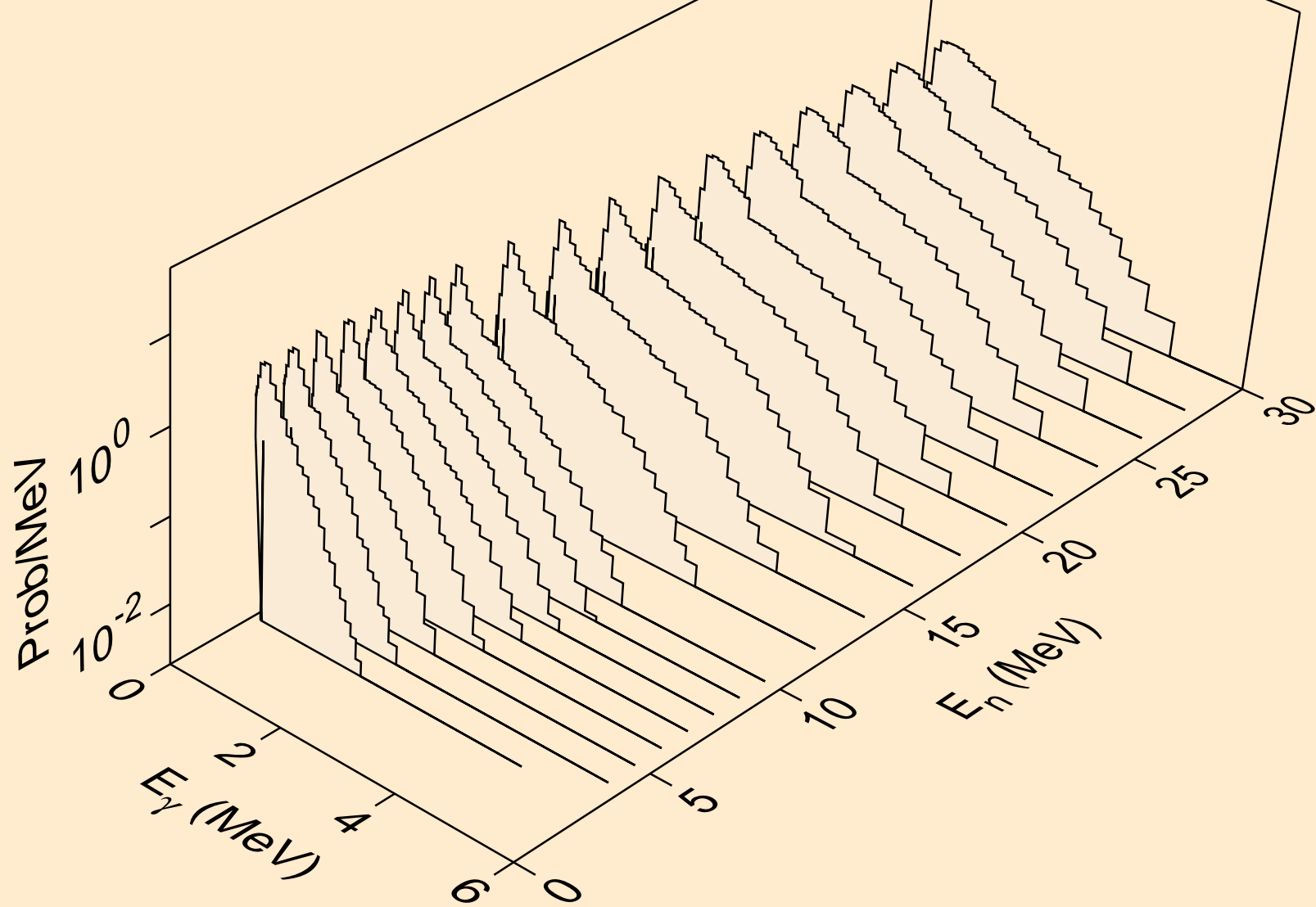
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



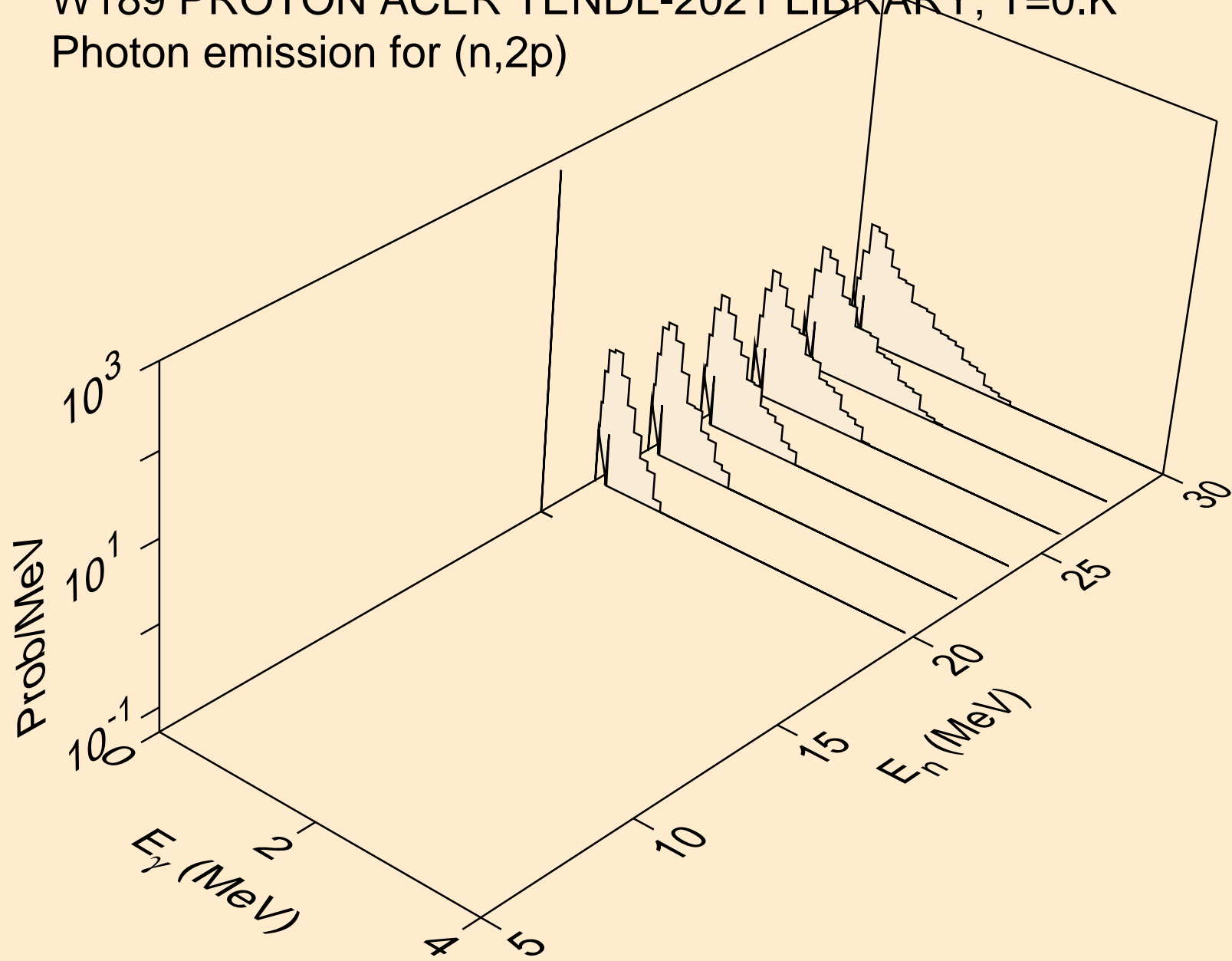
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

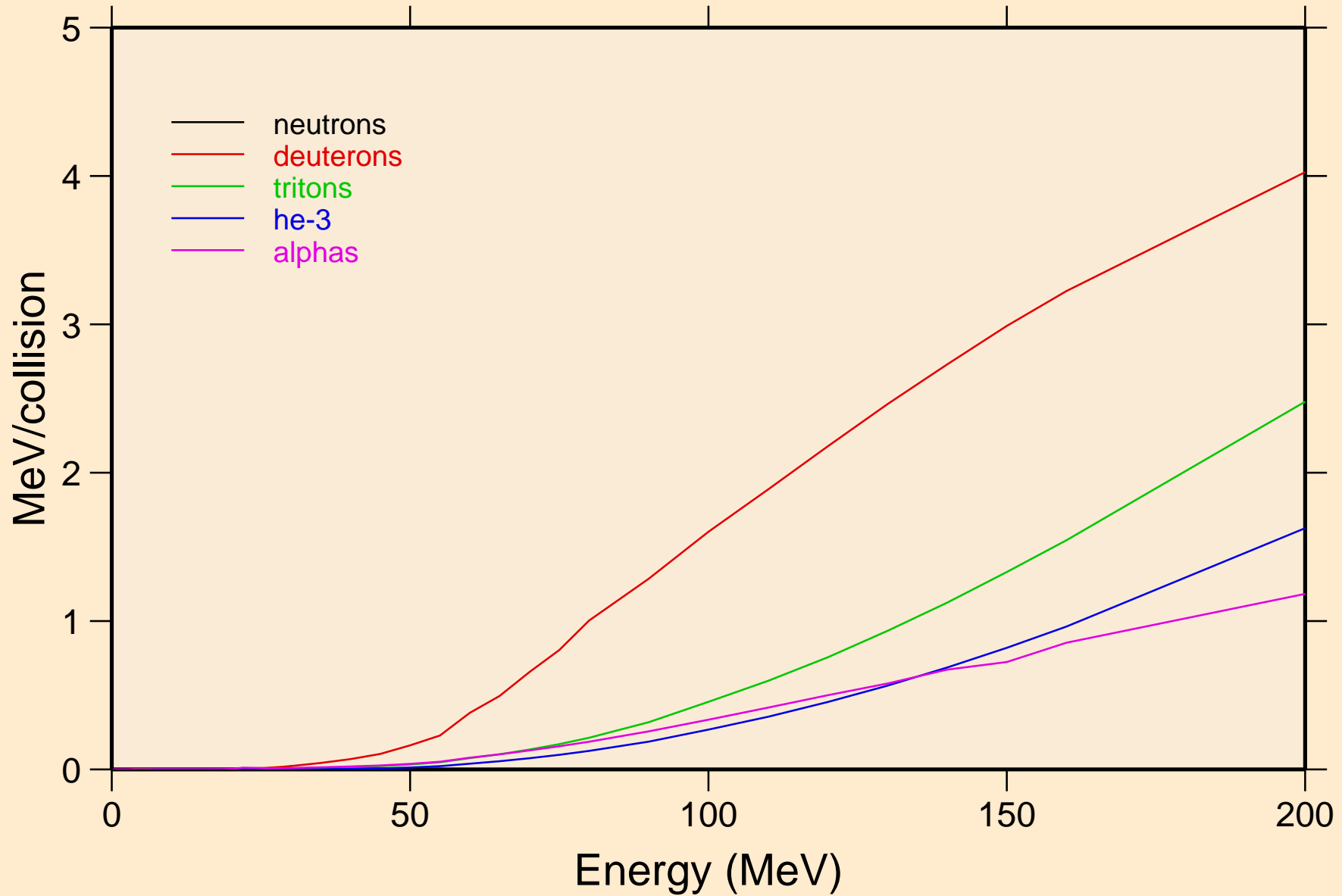


W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

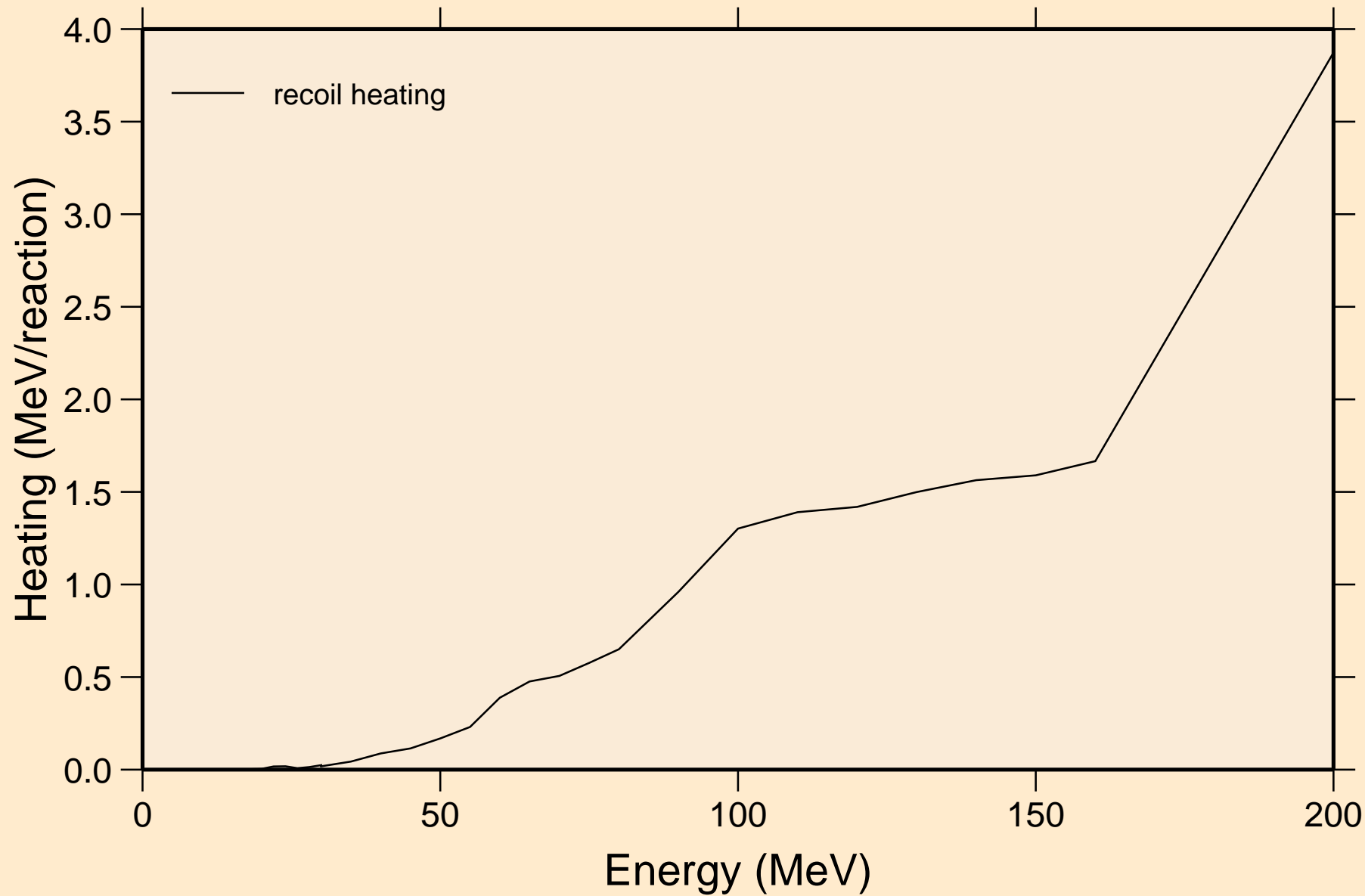




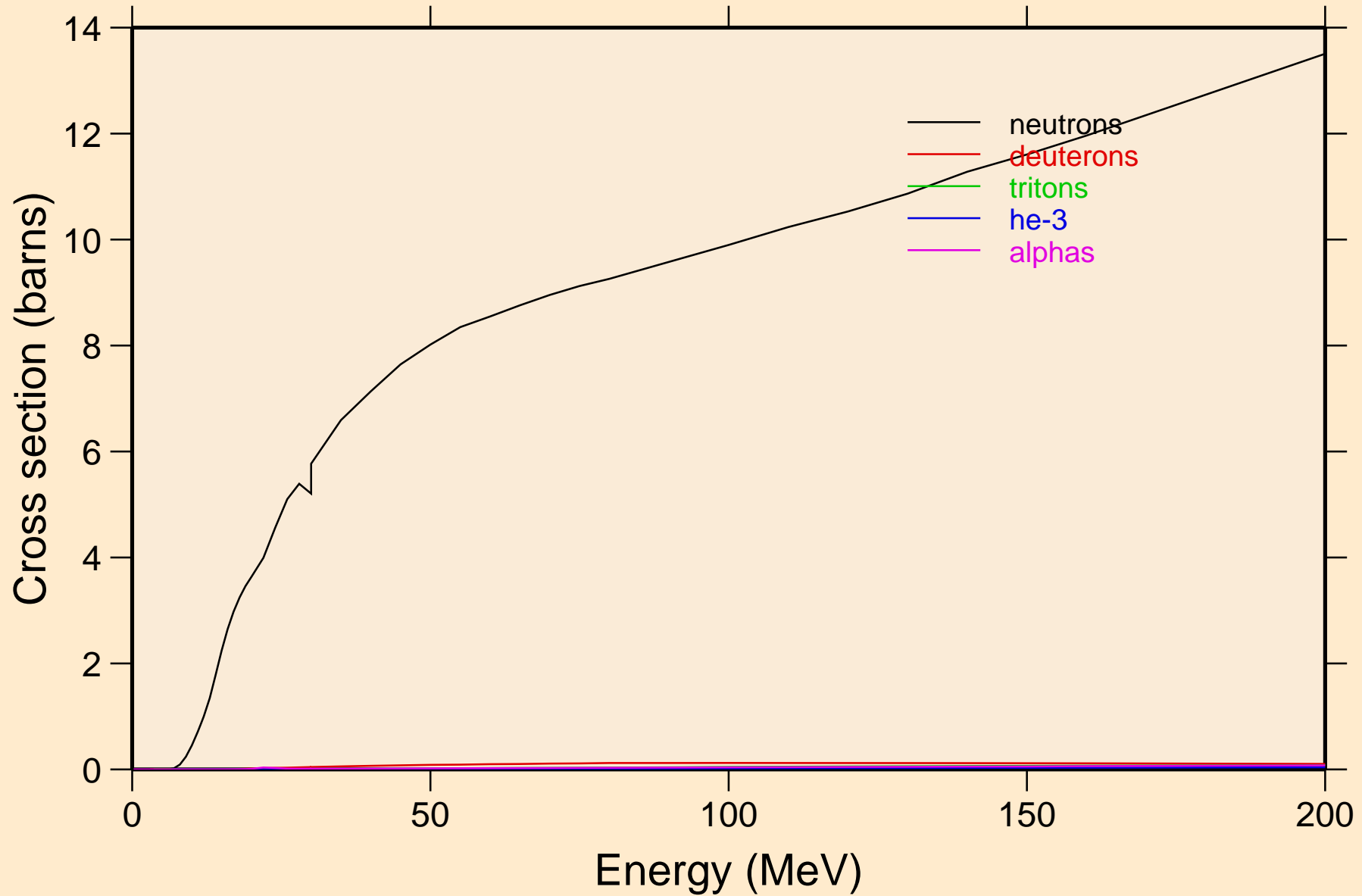
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



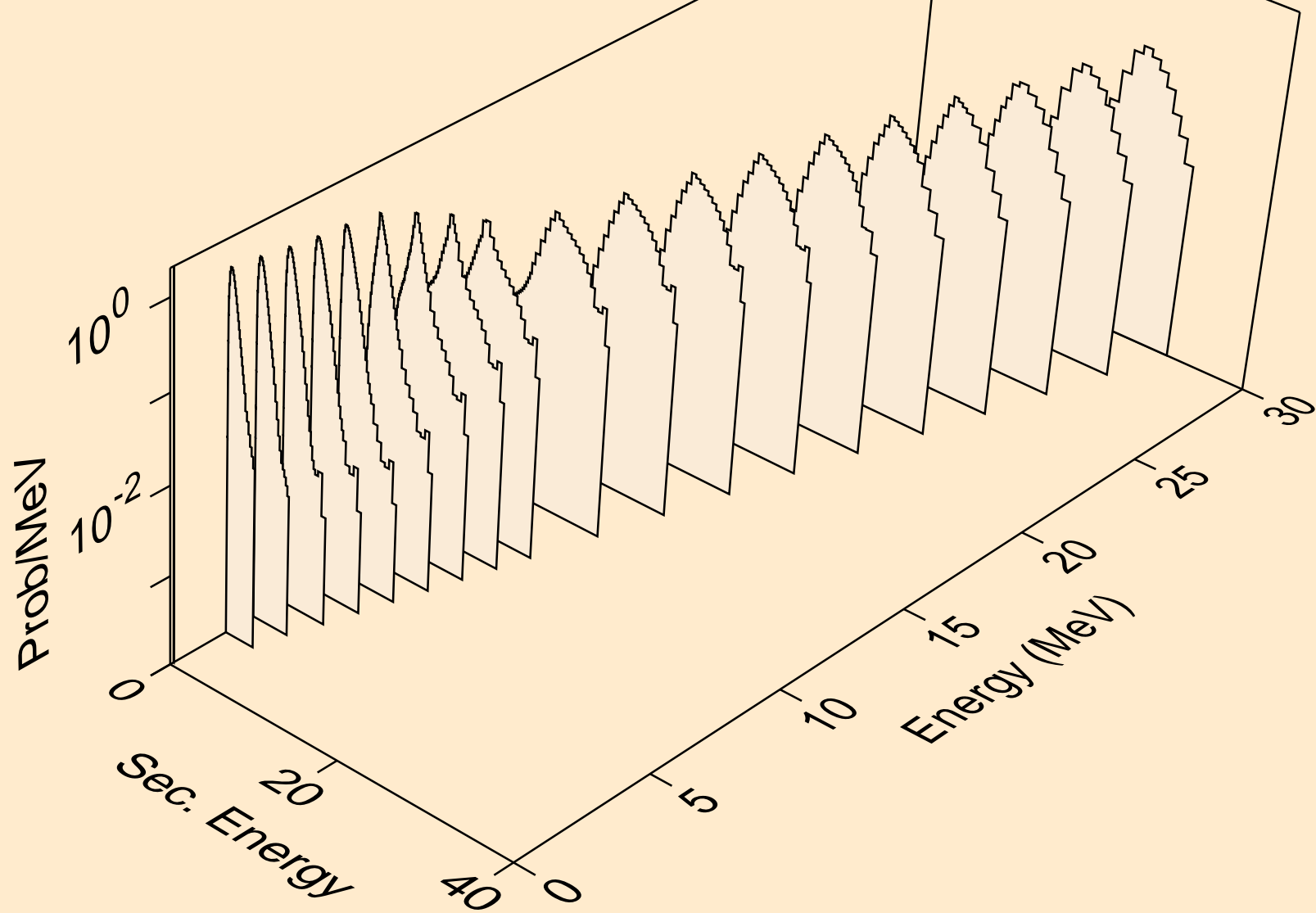
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



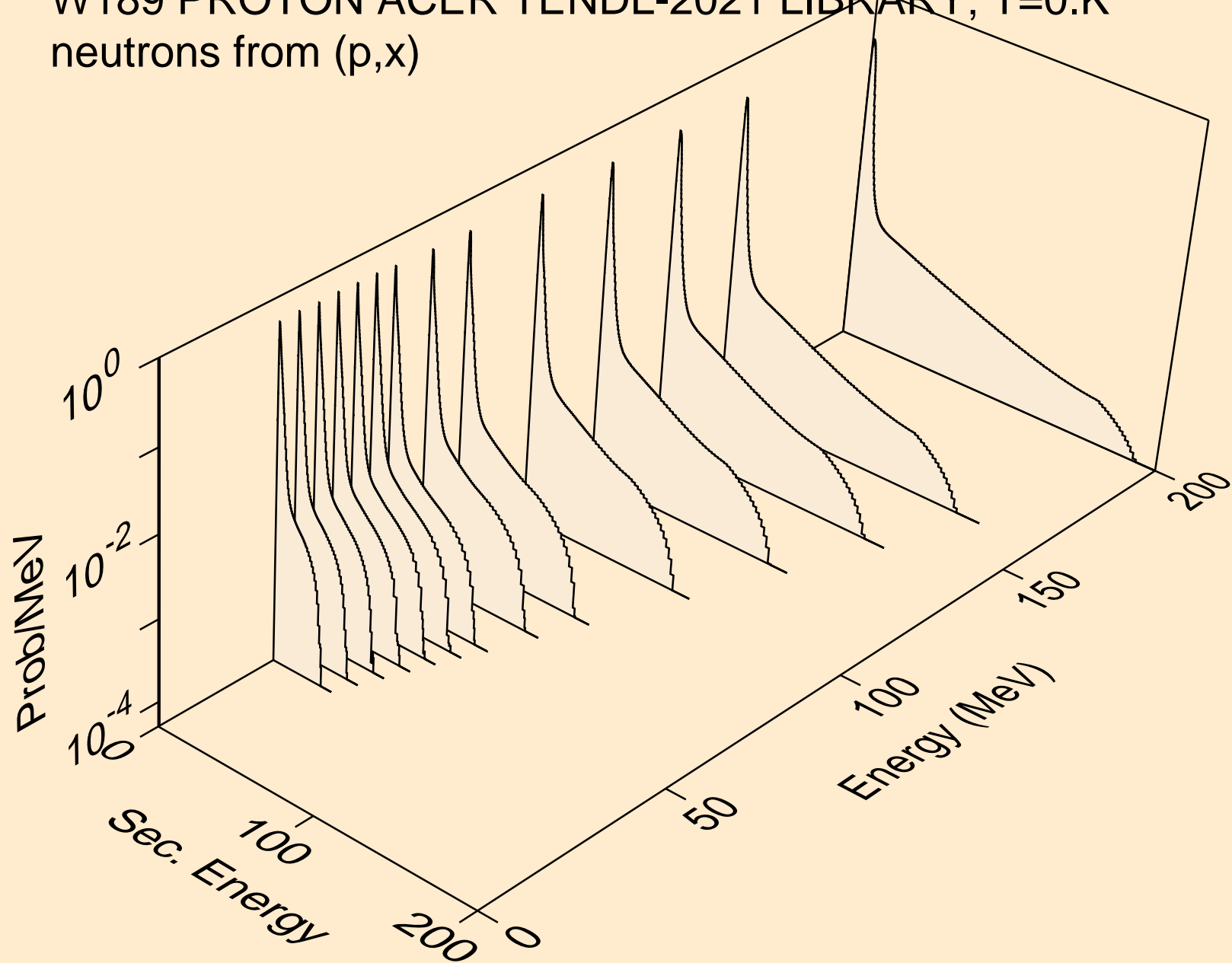
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



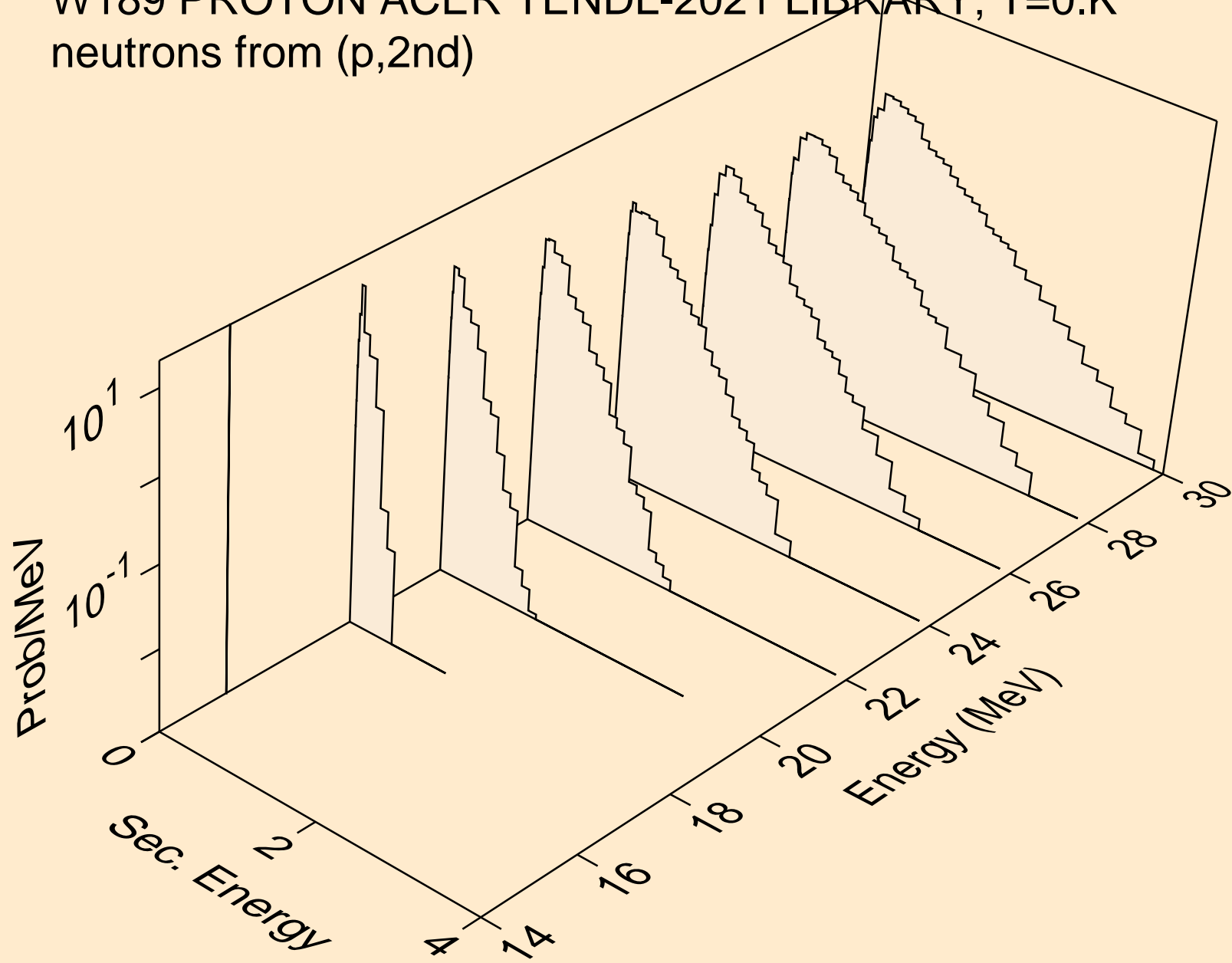
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



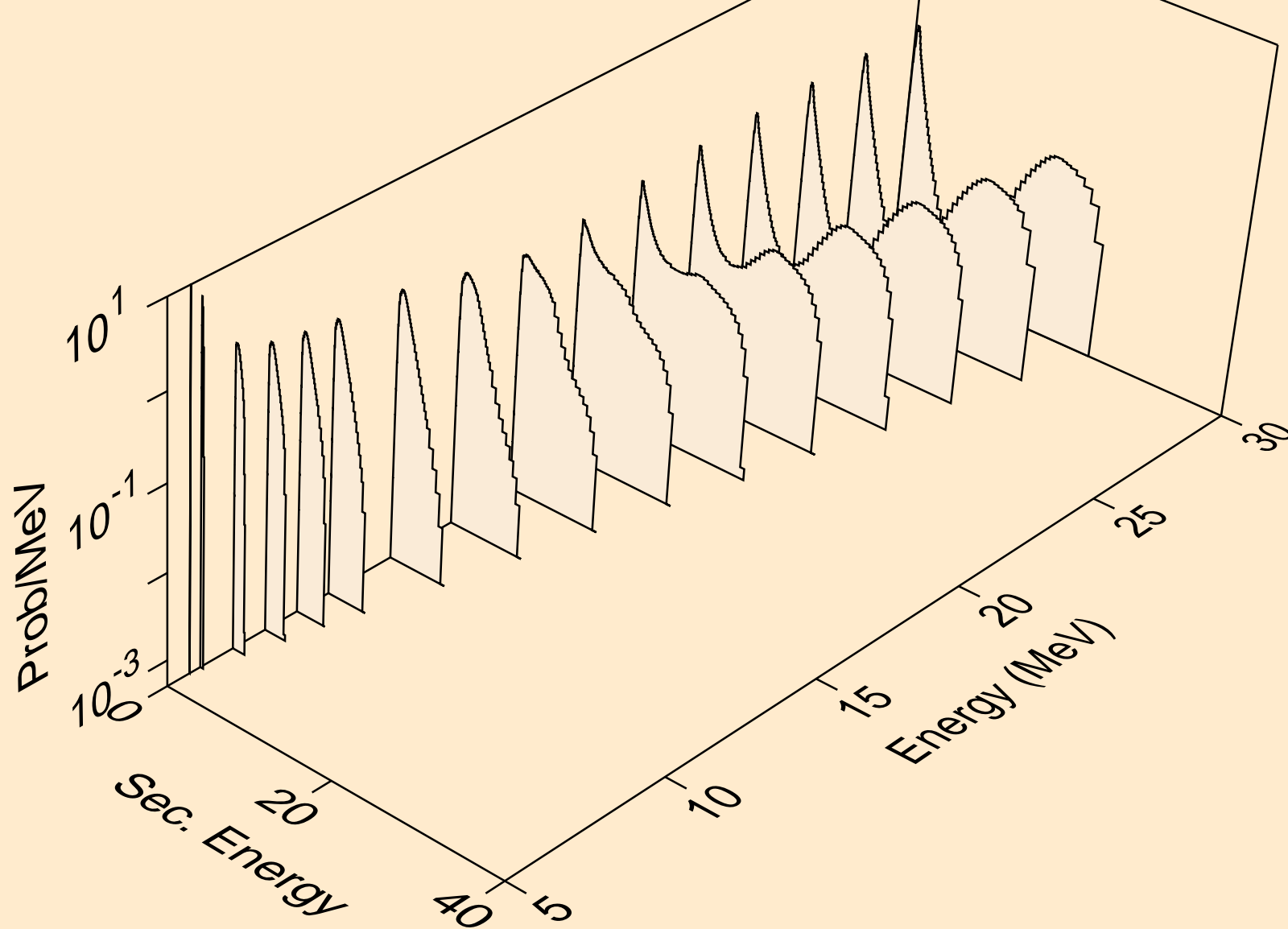
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



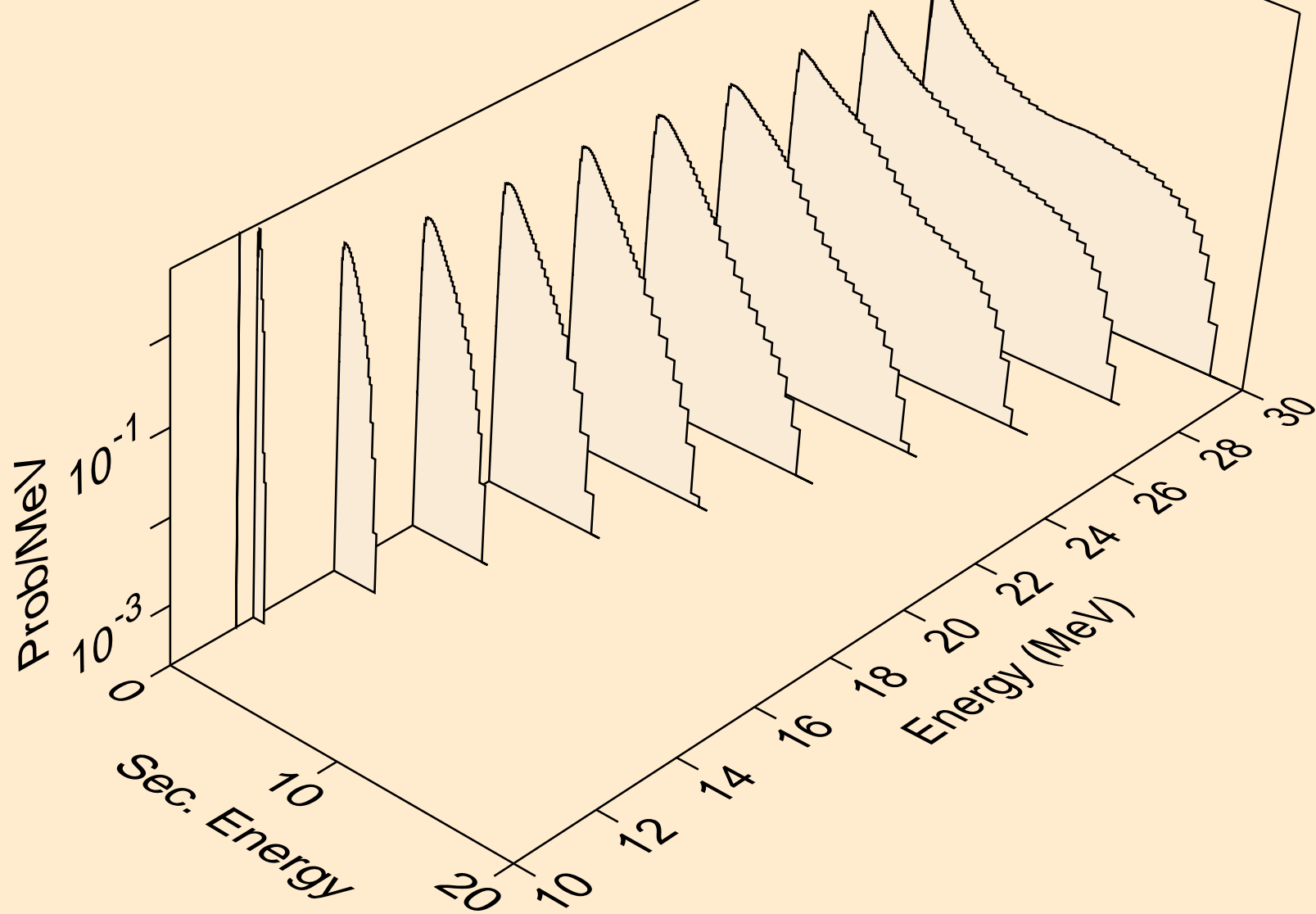
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)



W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

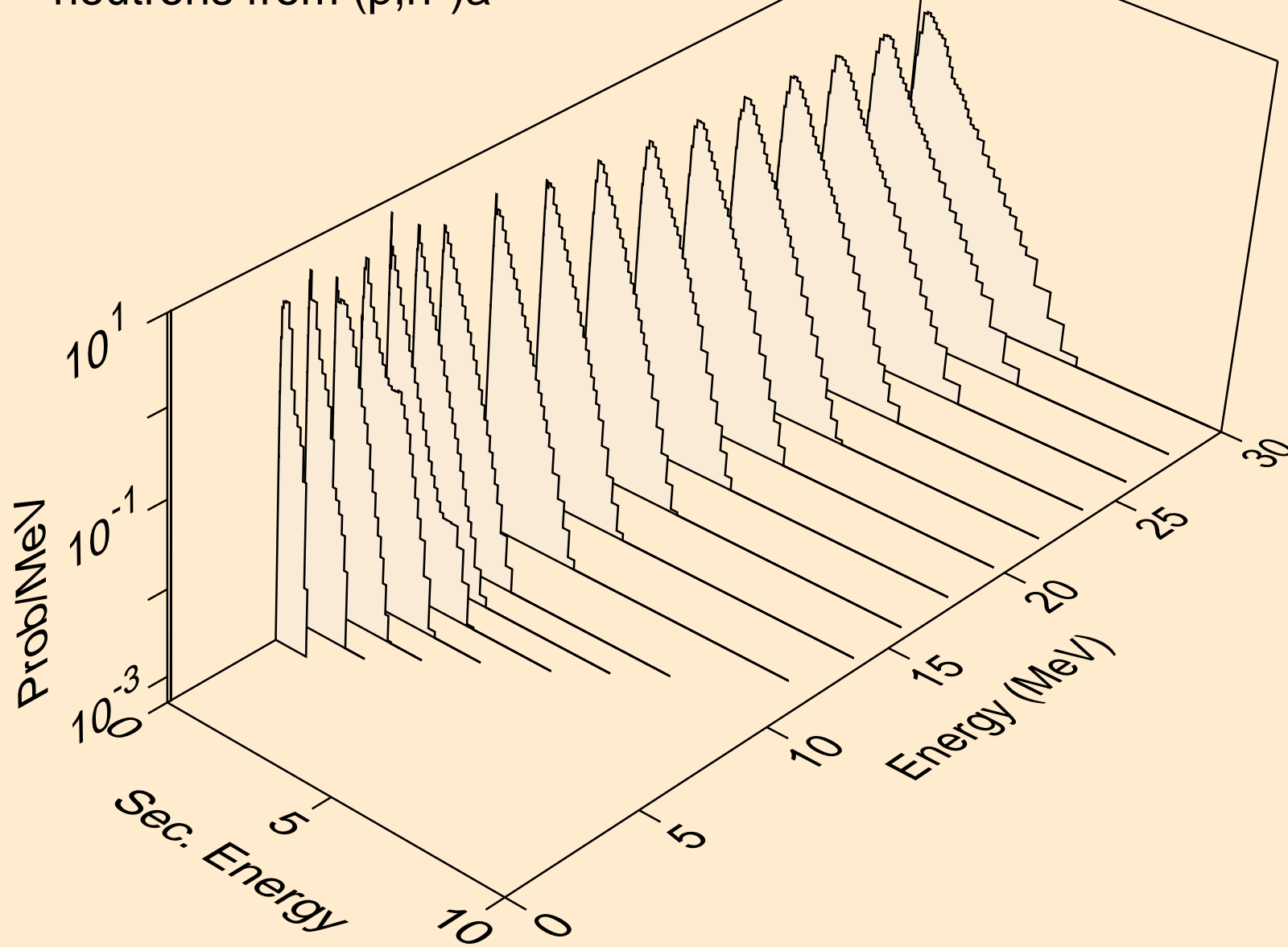


W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)

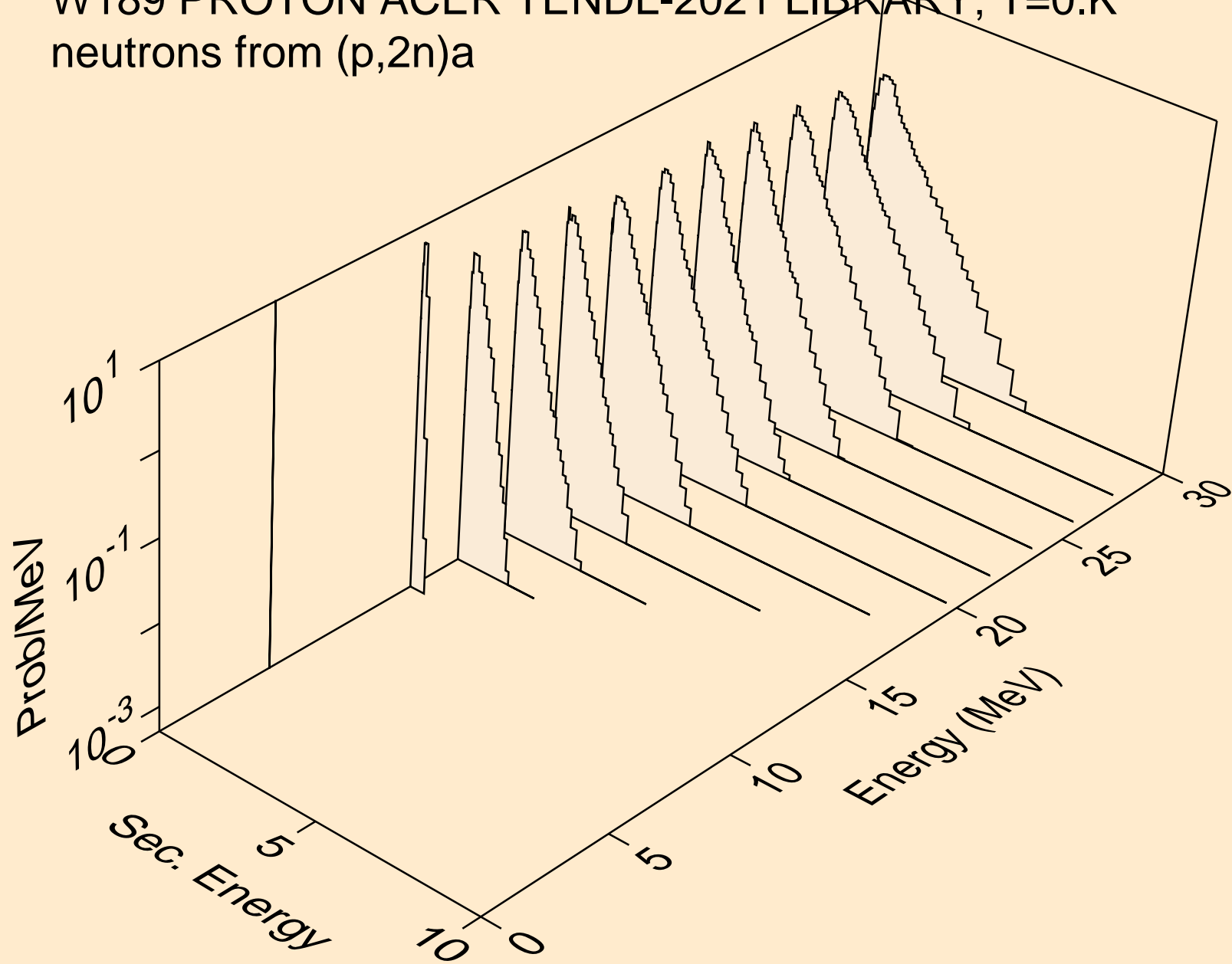




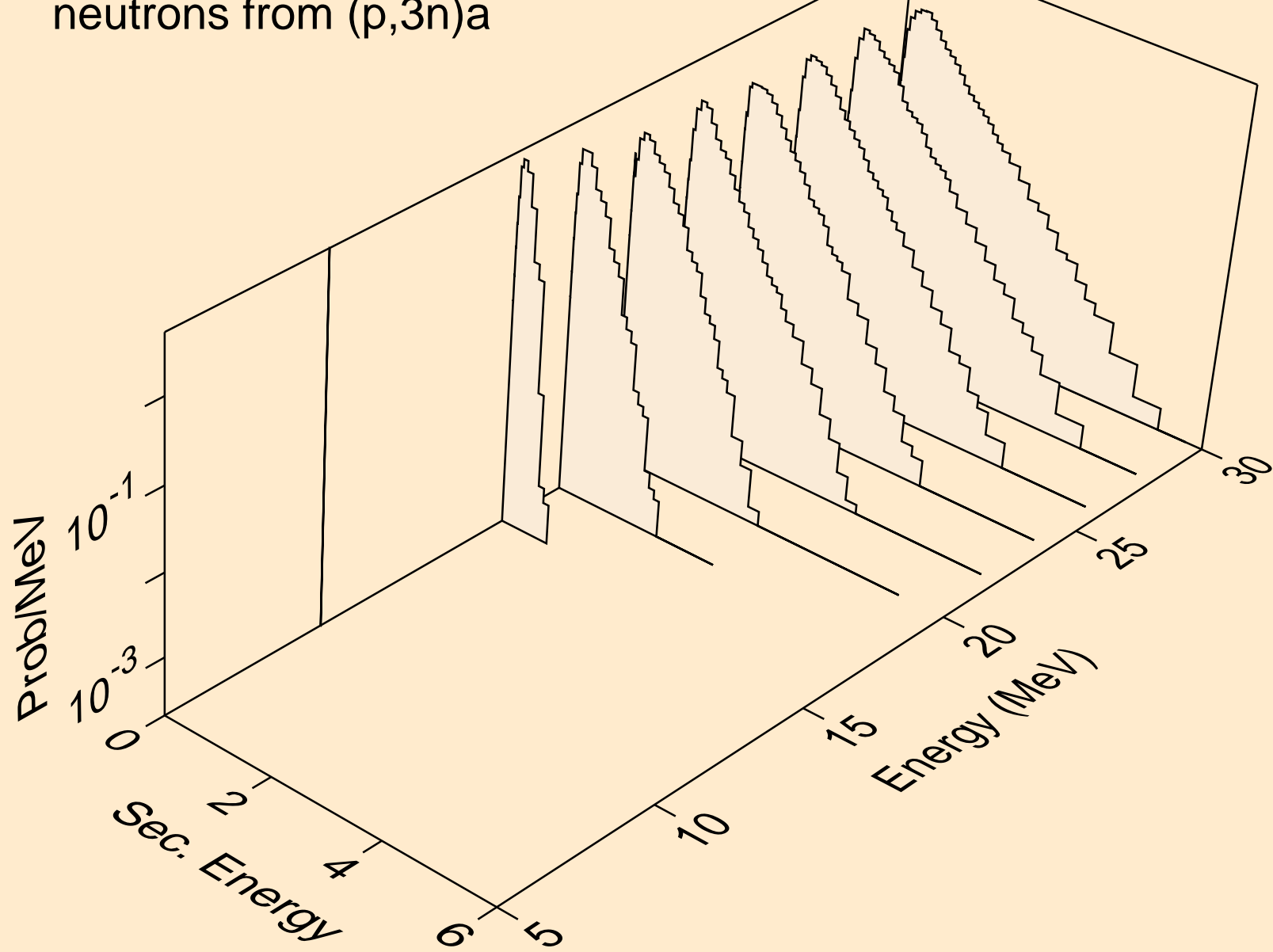
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



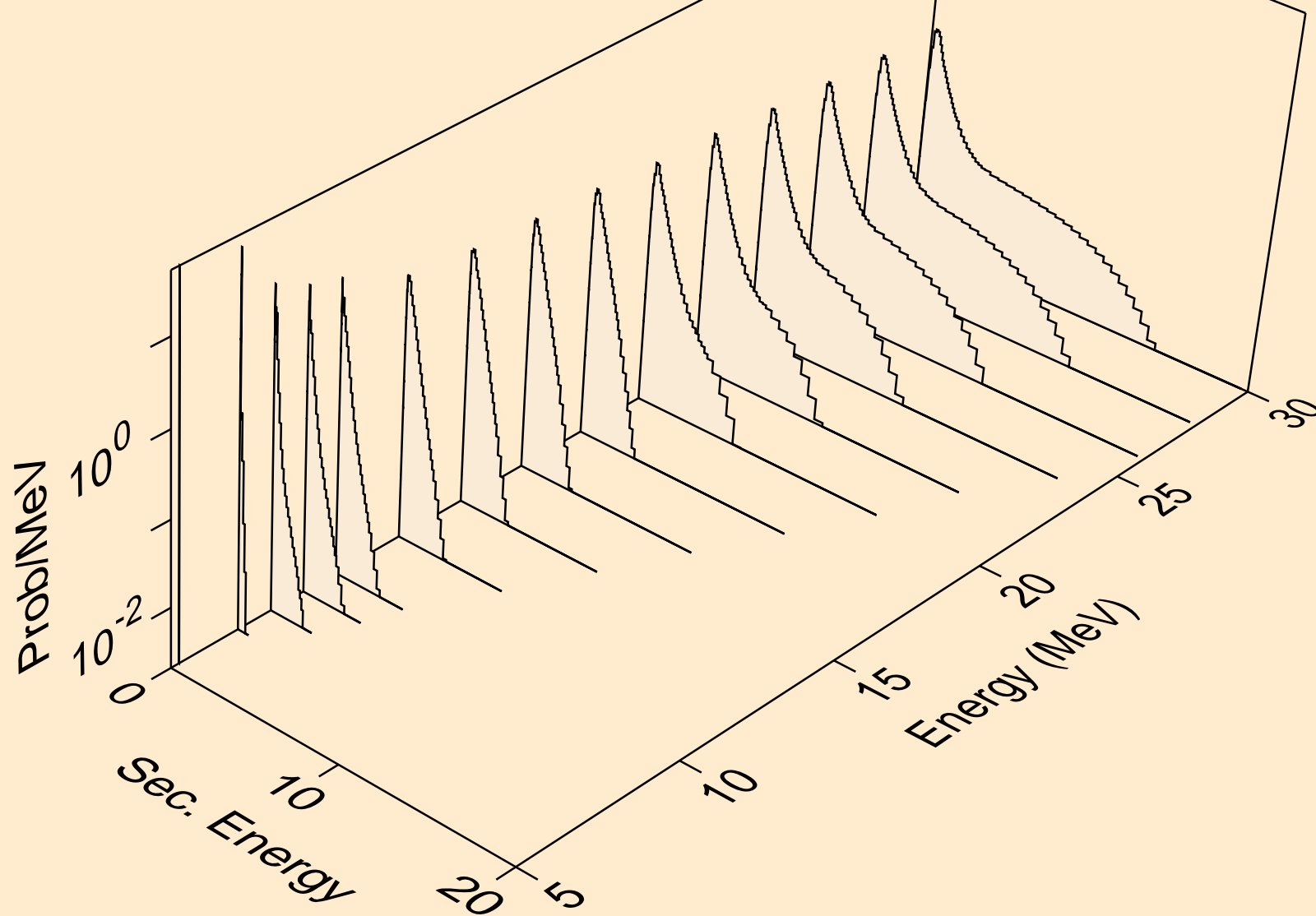
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



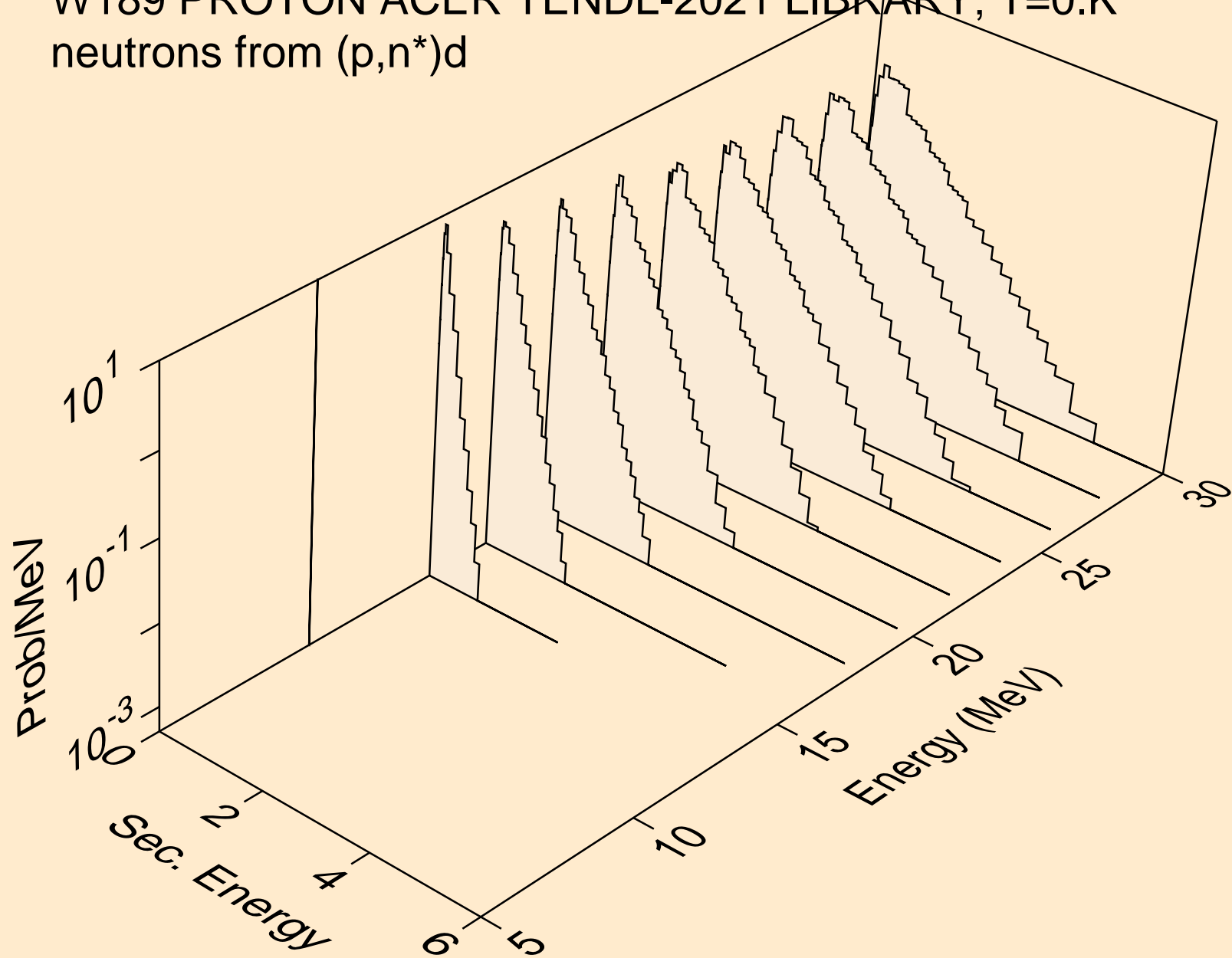
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neutrons from (p,3n)a



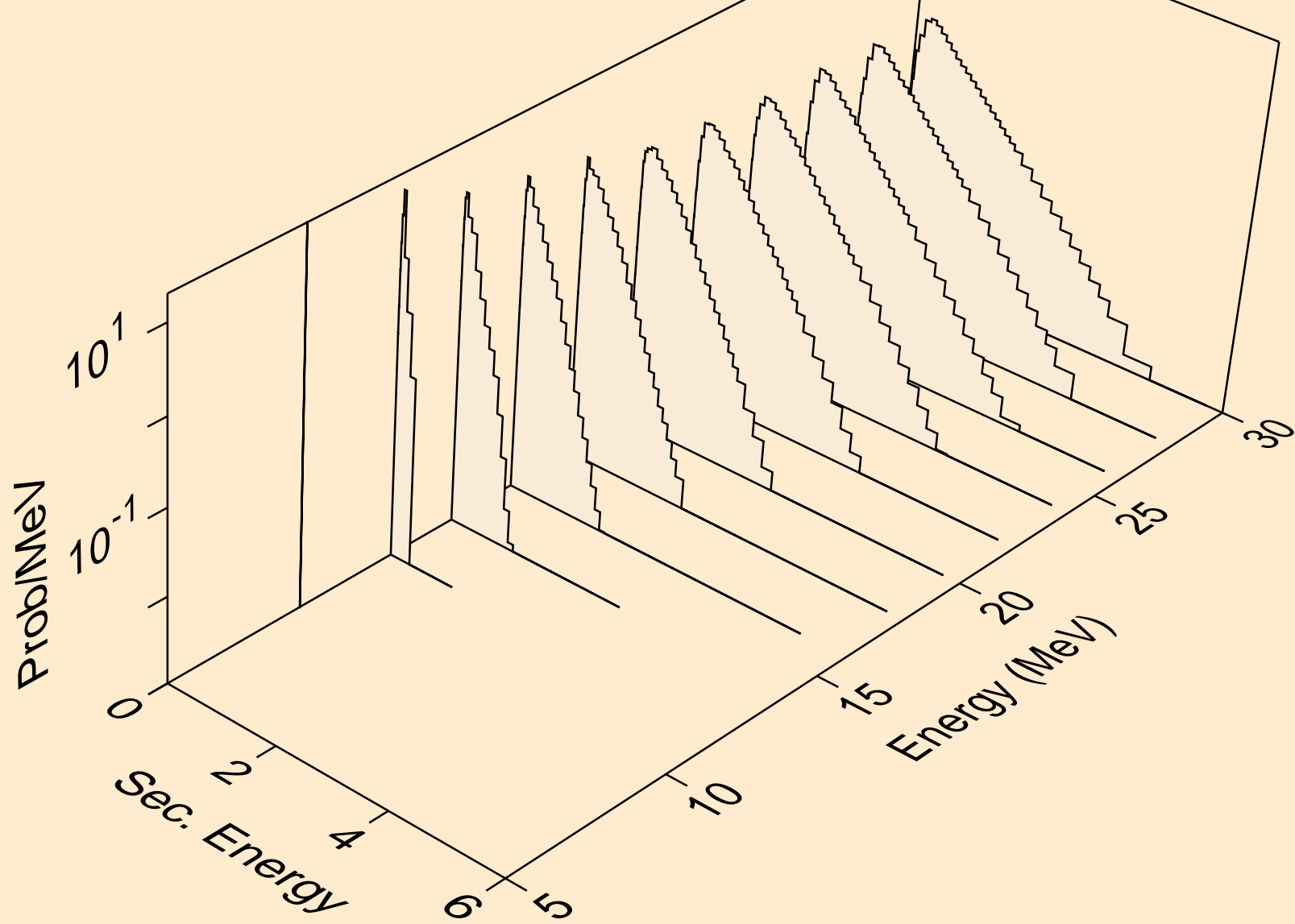
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



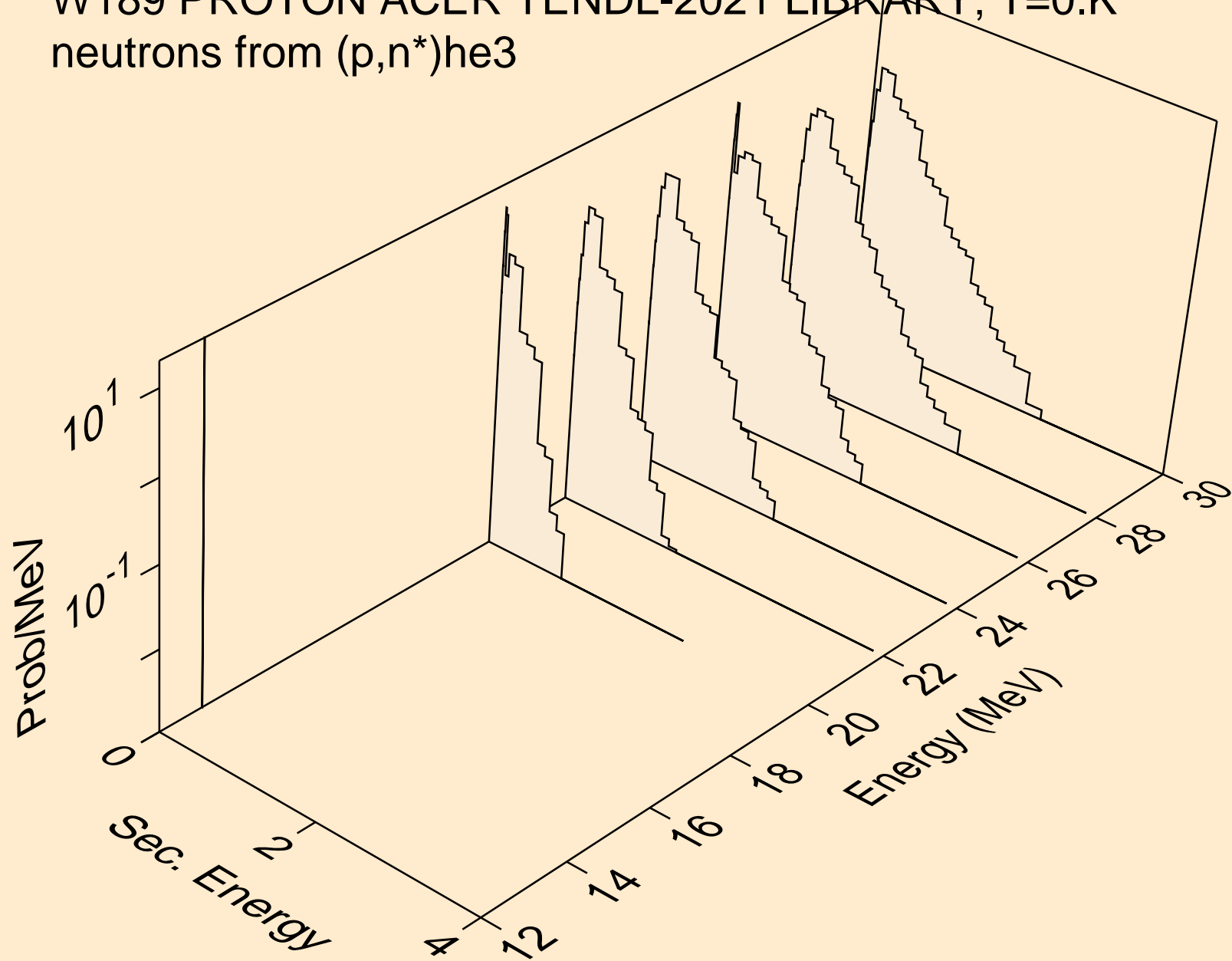
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d



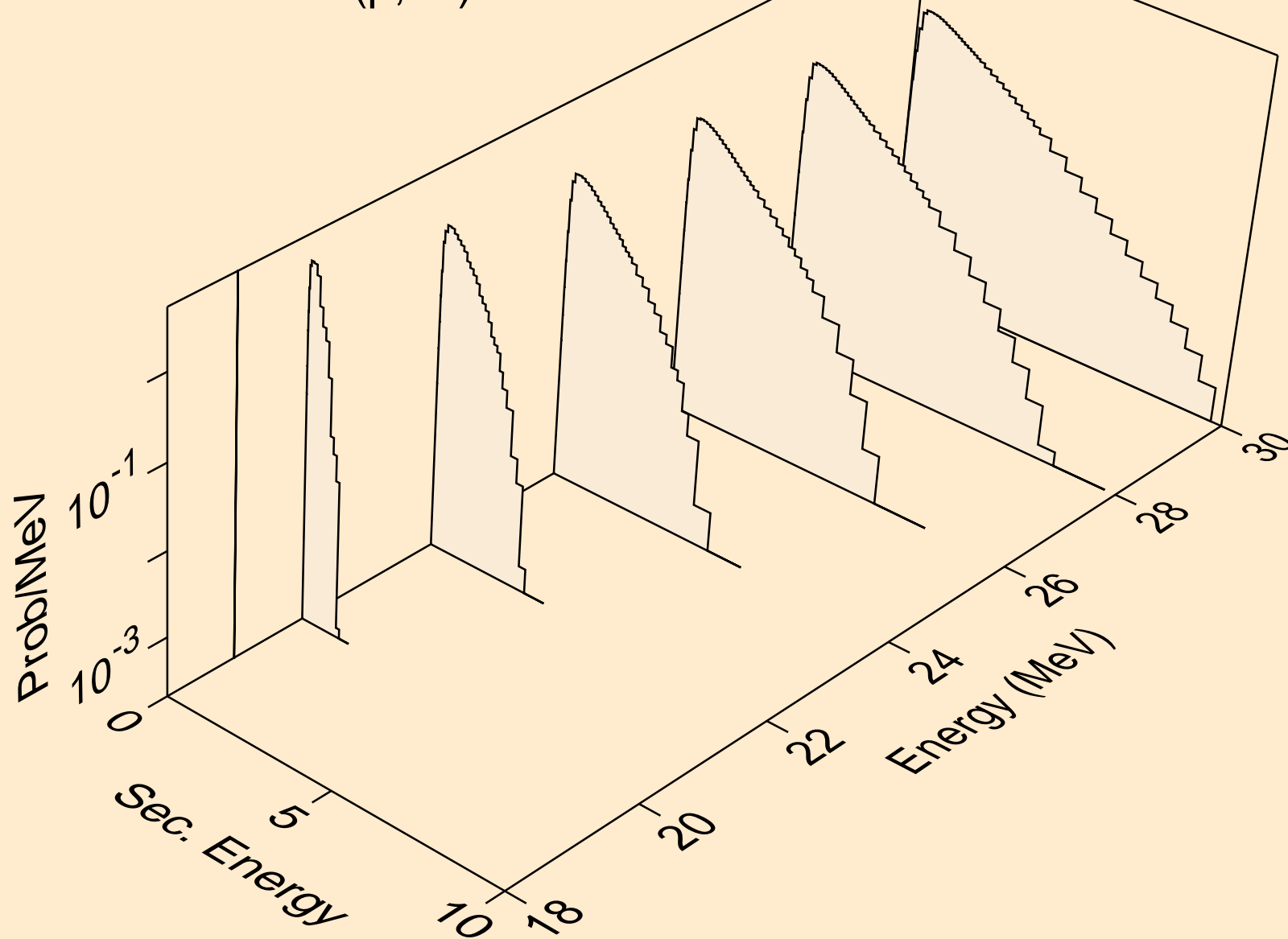
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

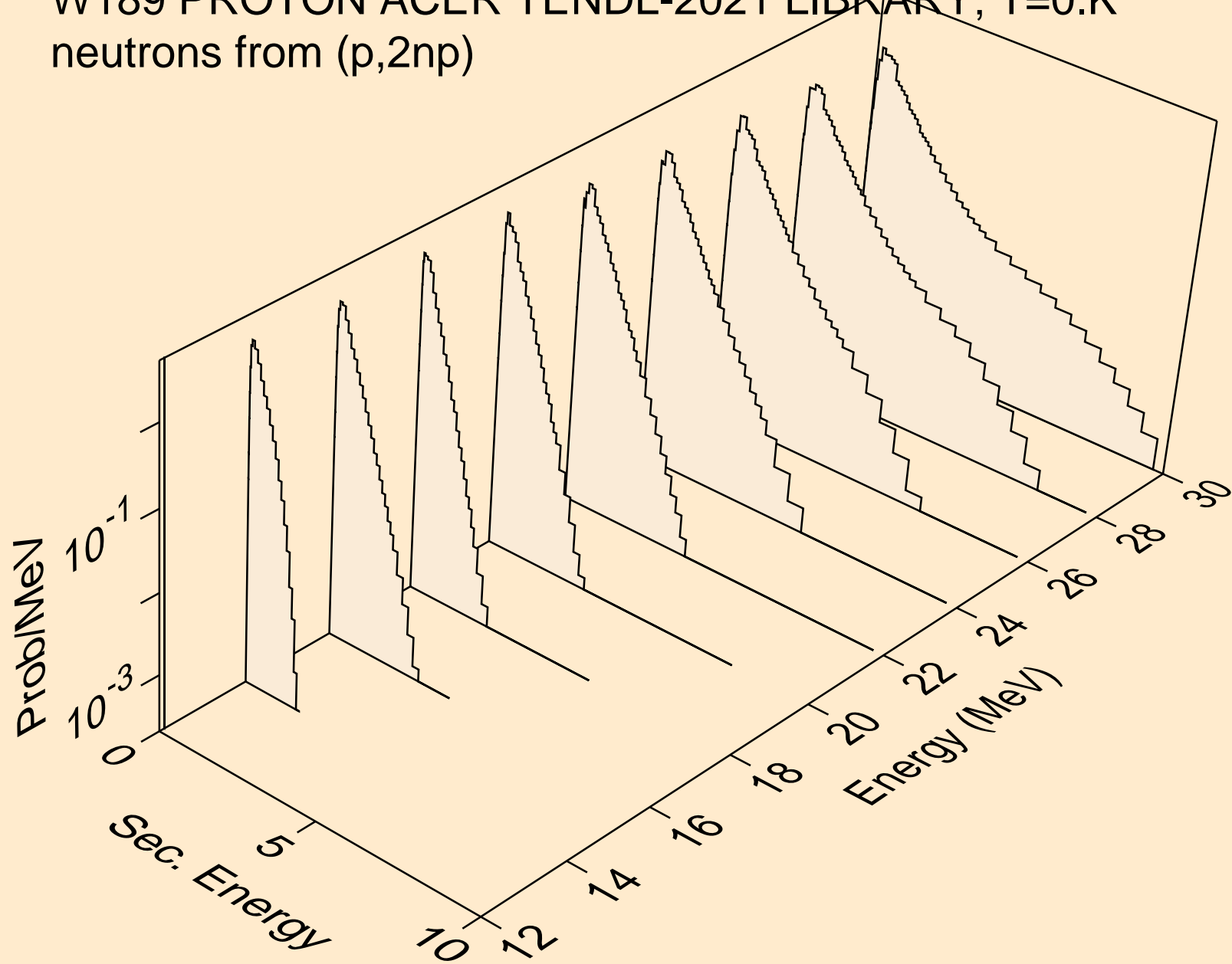


W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,4n)

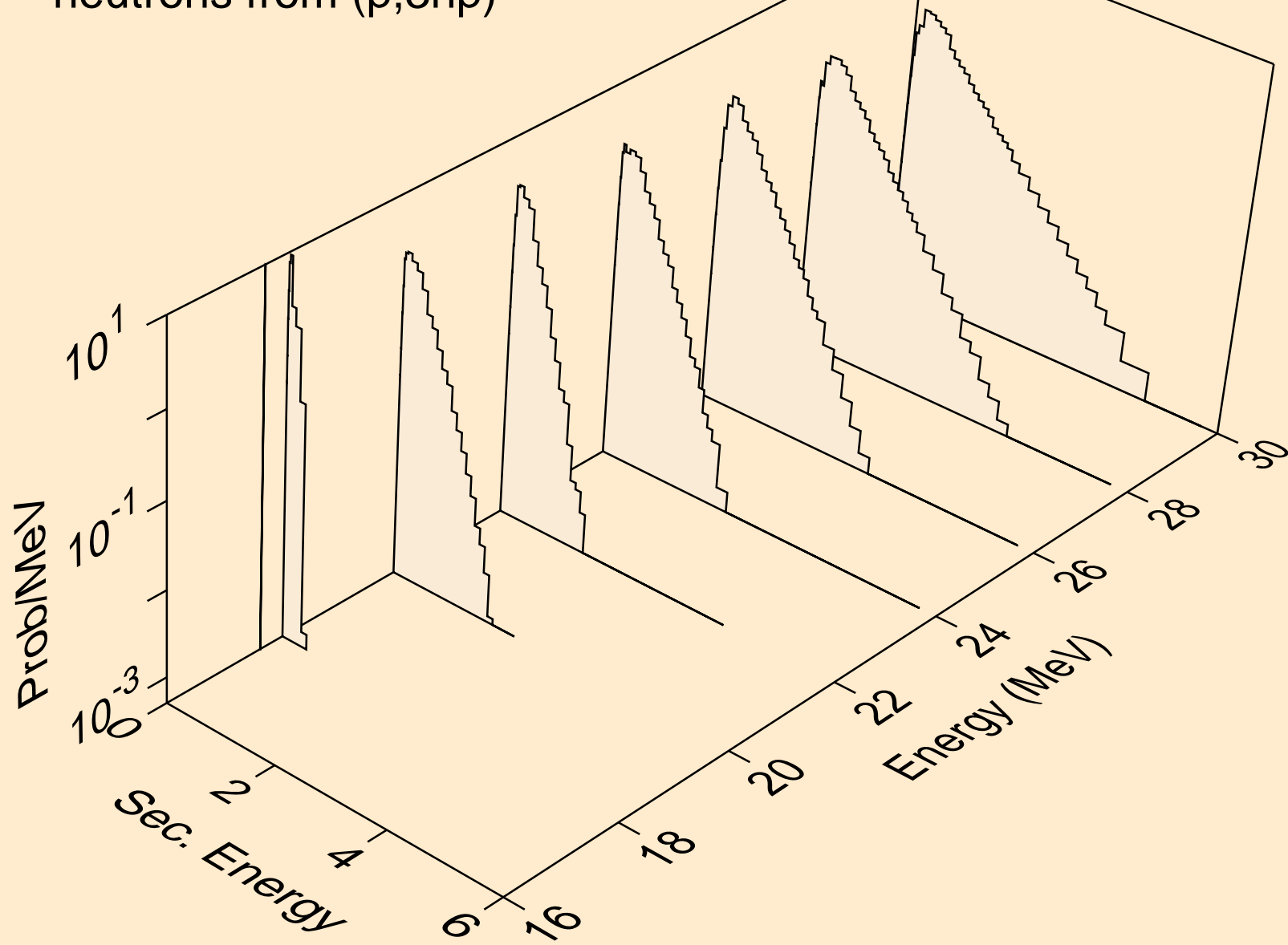




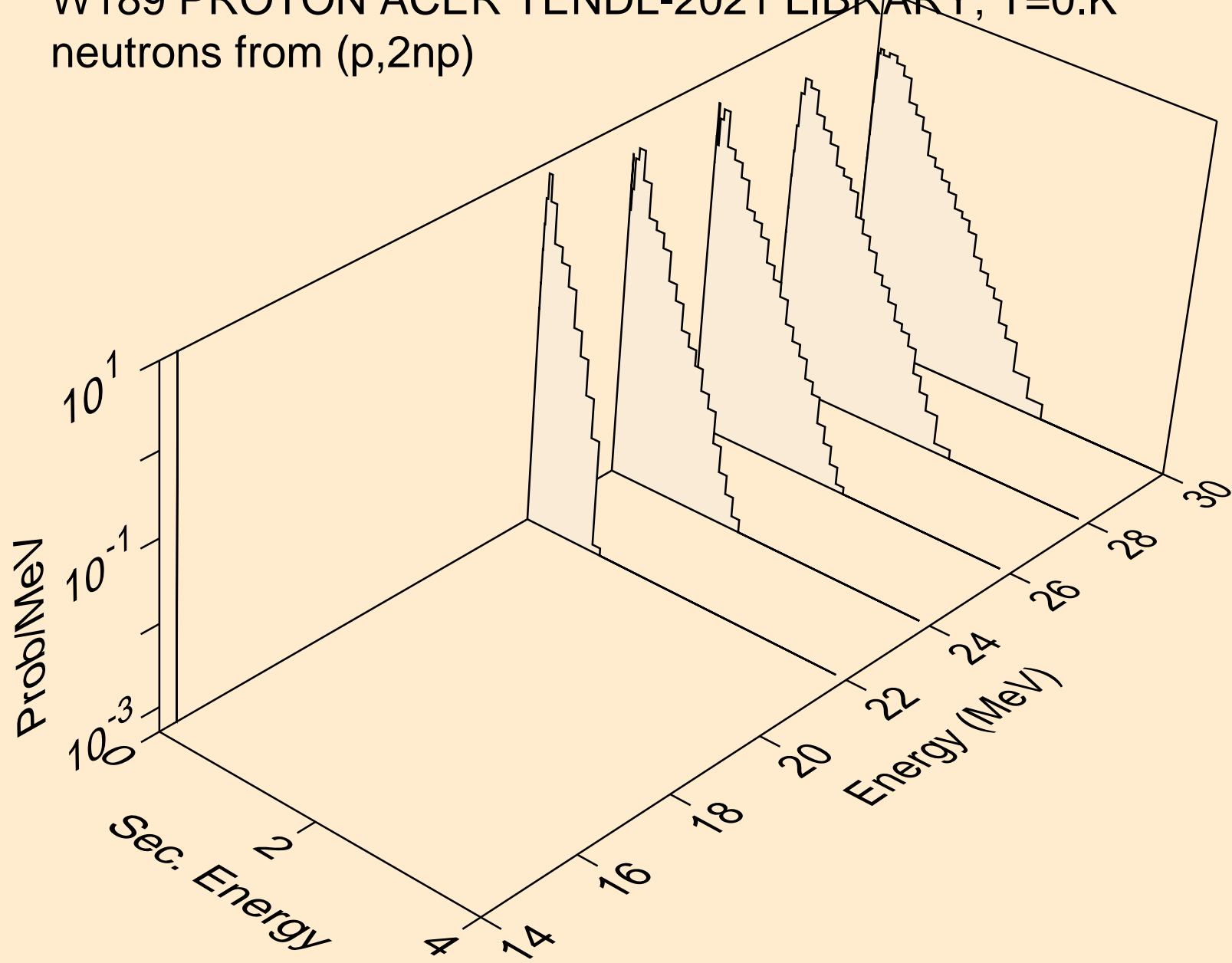
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



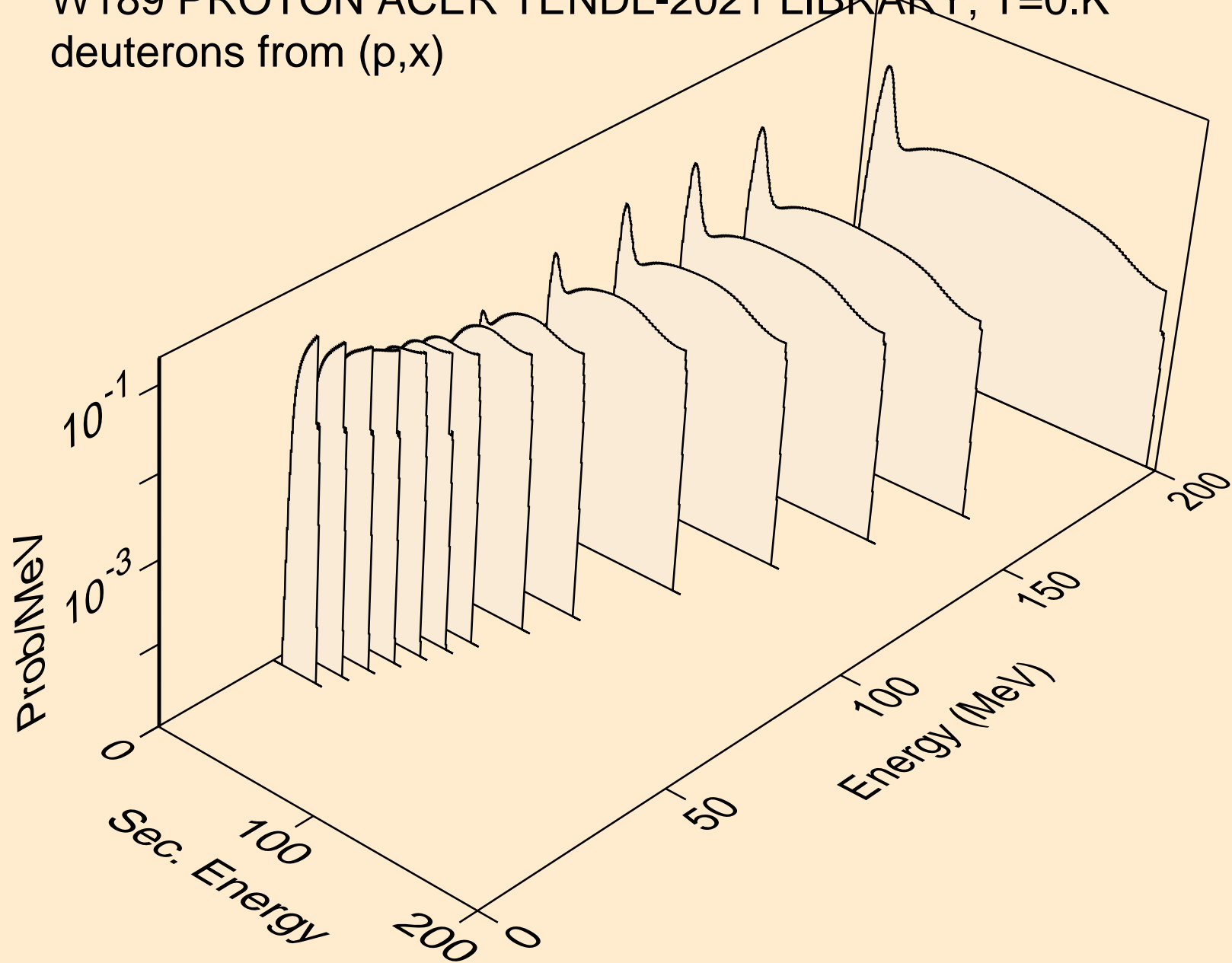
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neutrons from (p,3np)



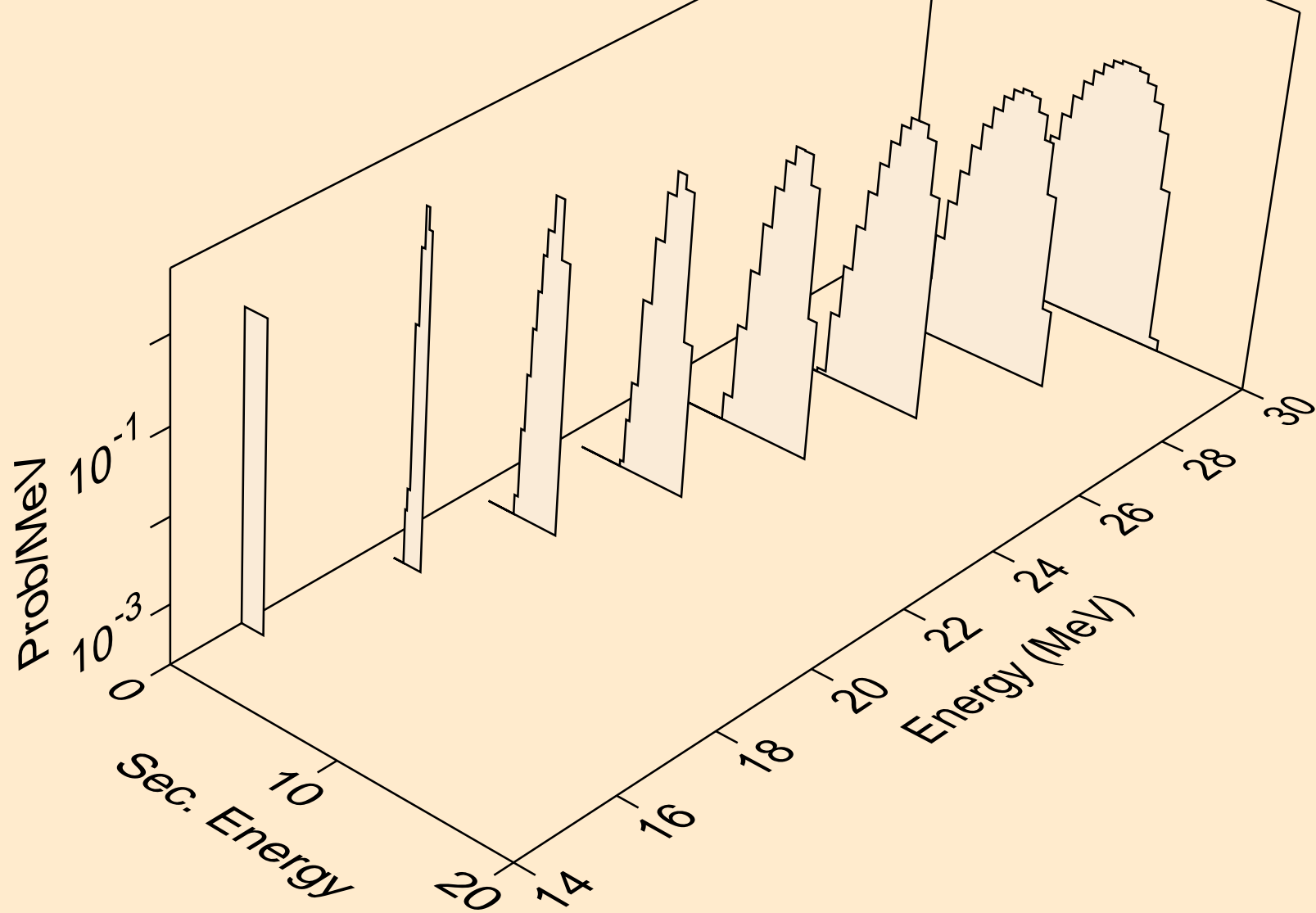
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neutrons from (p,2np)



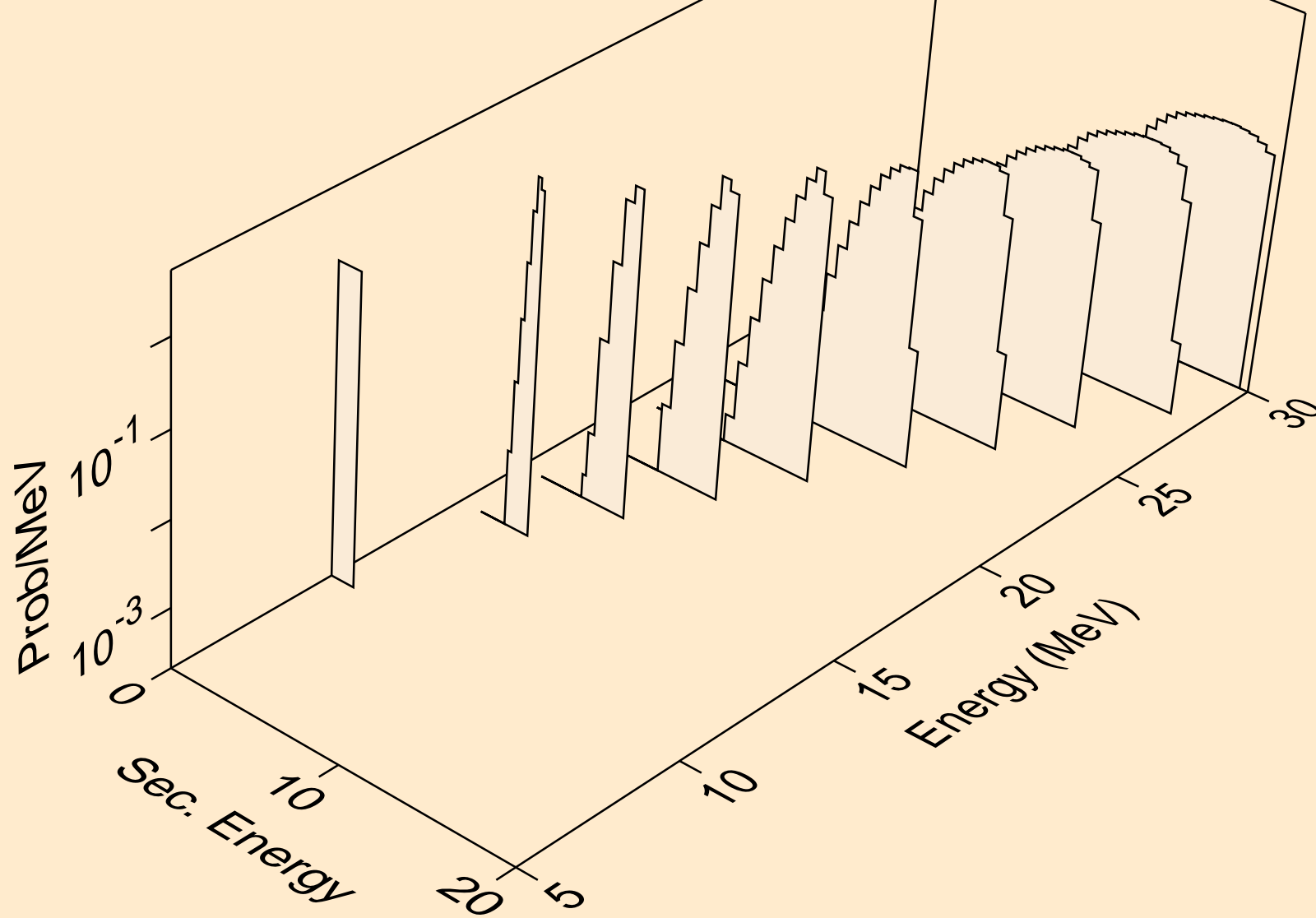
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



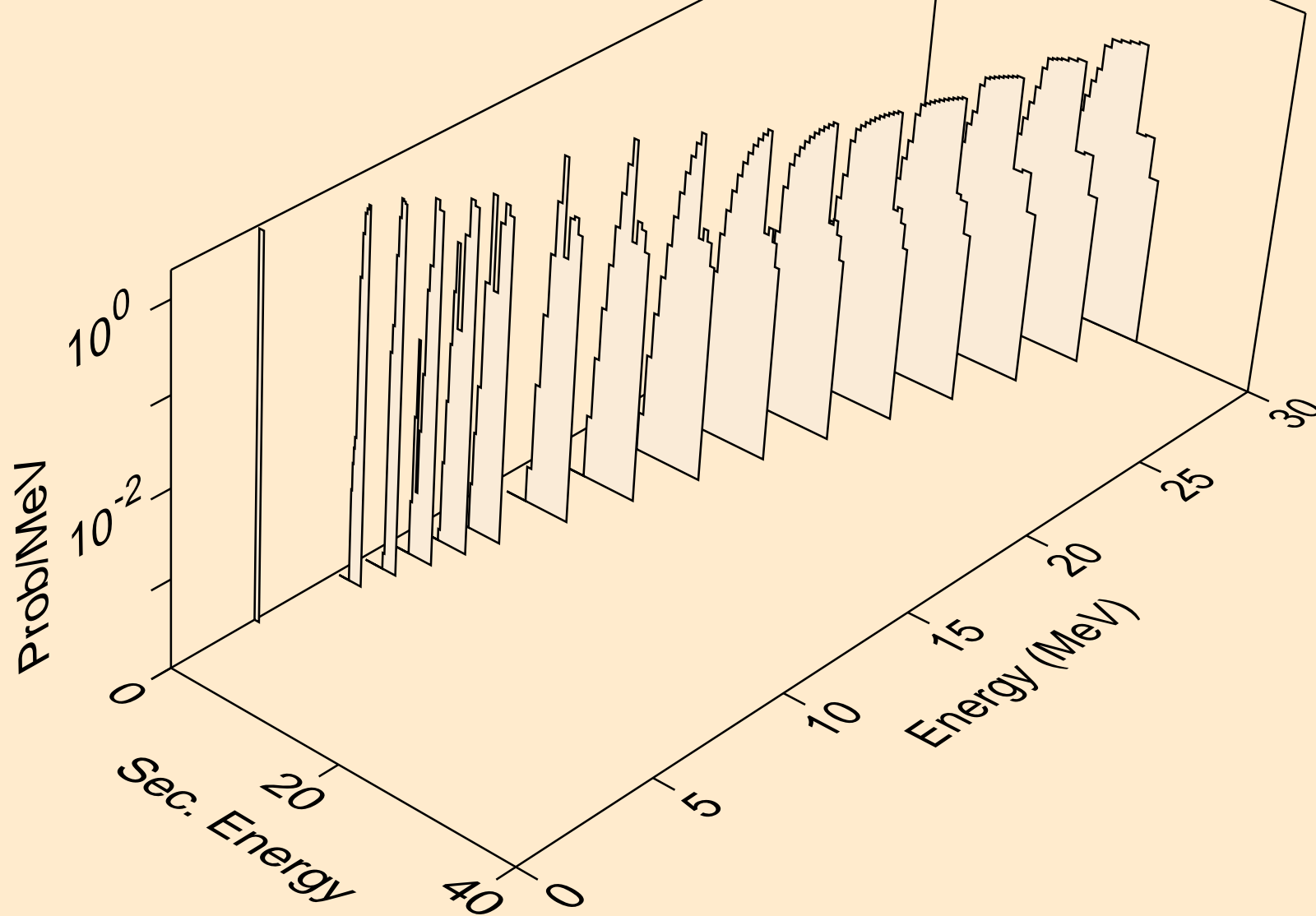
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)



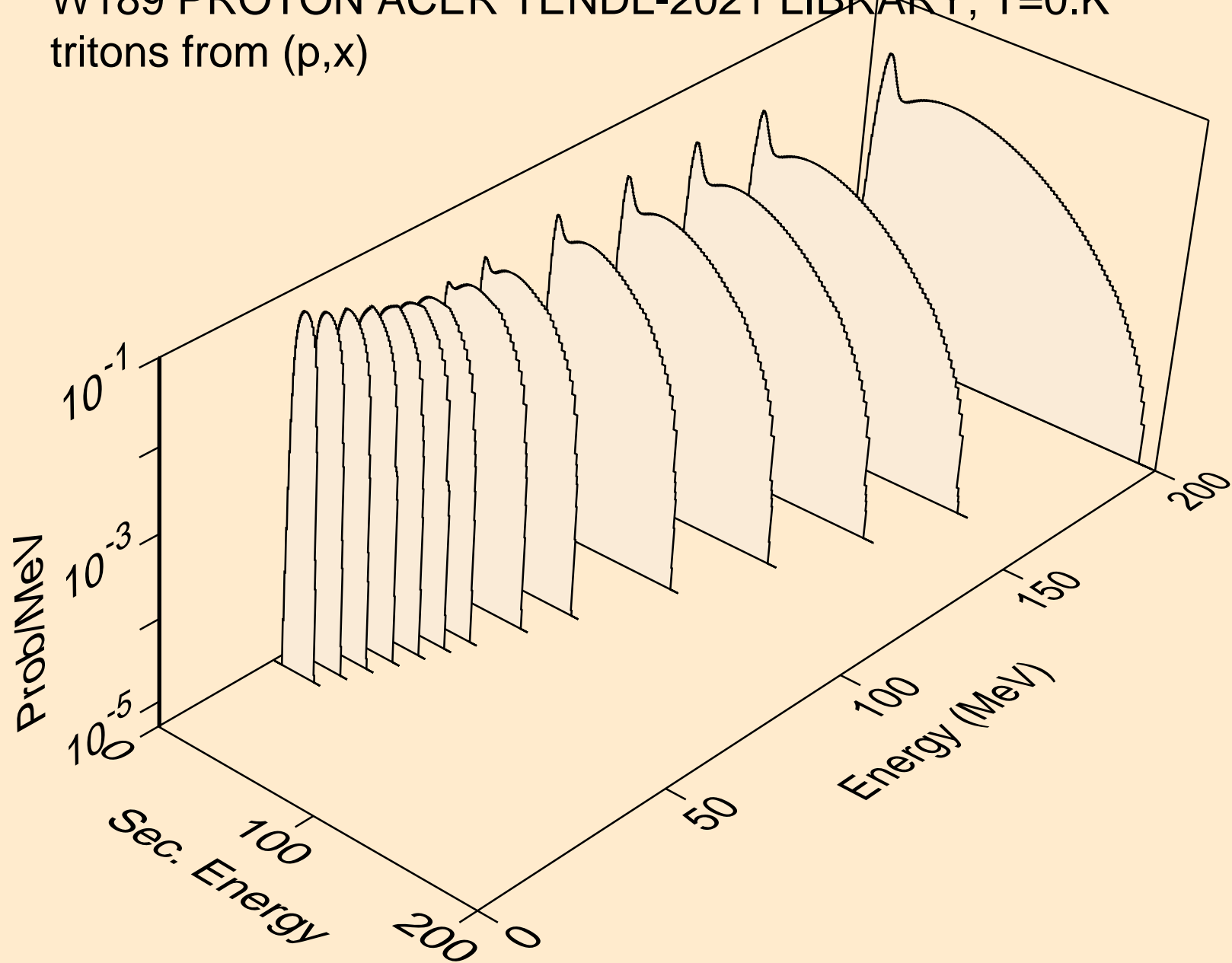
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)

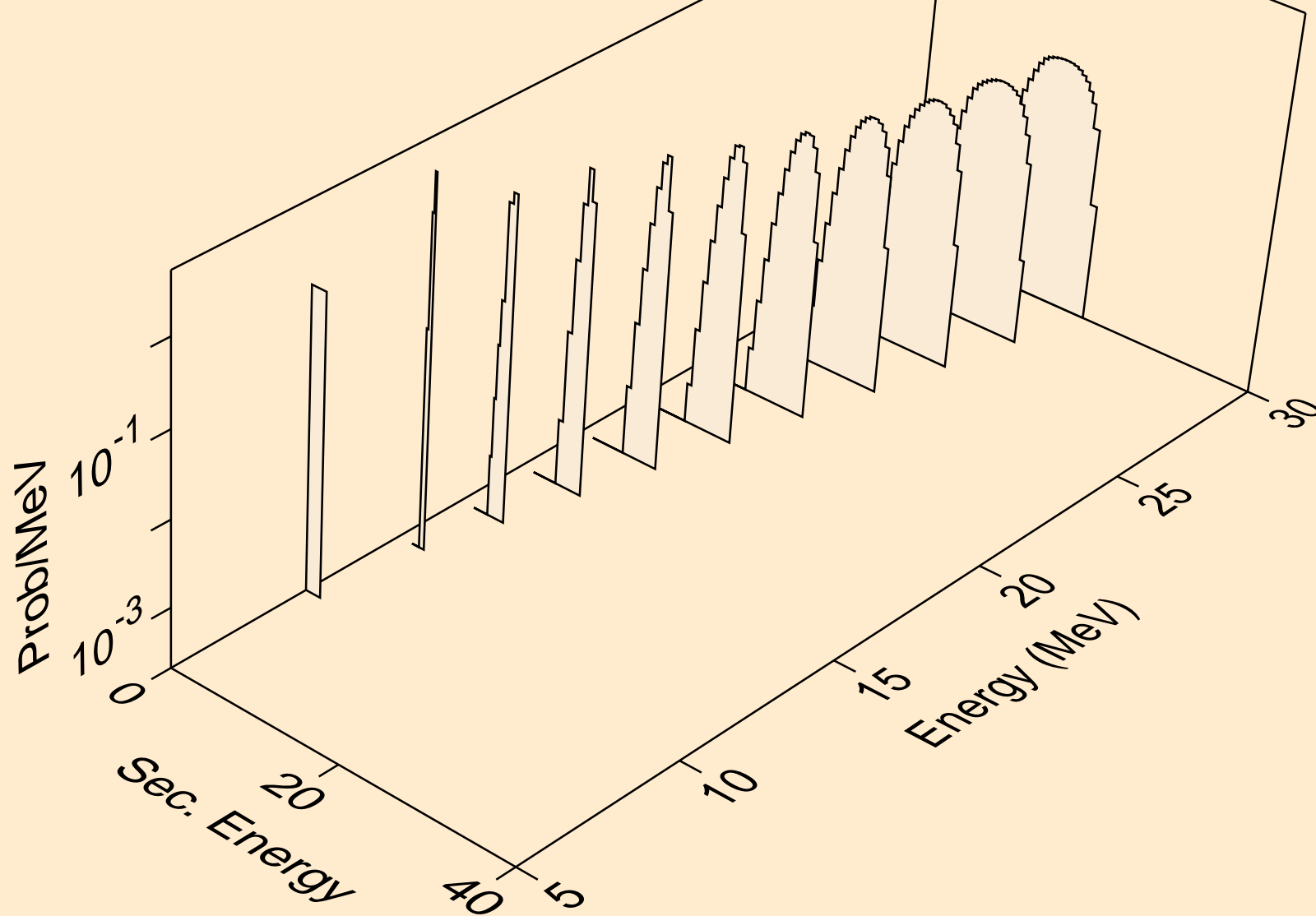


W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)

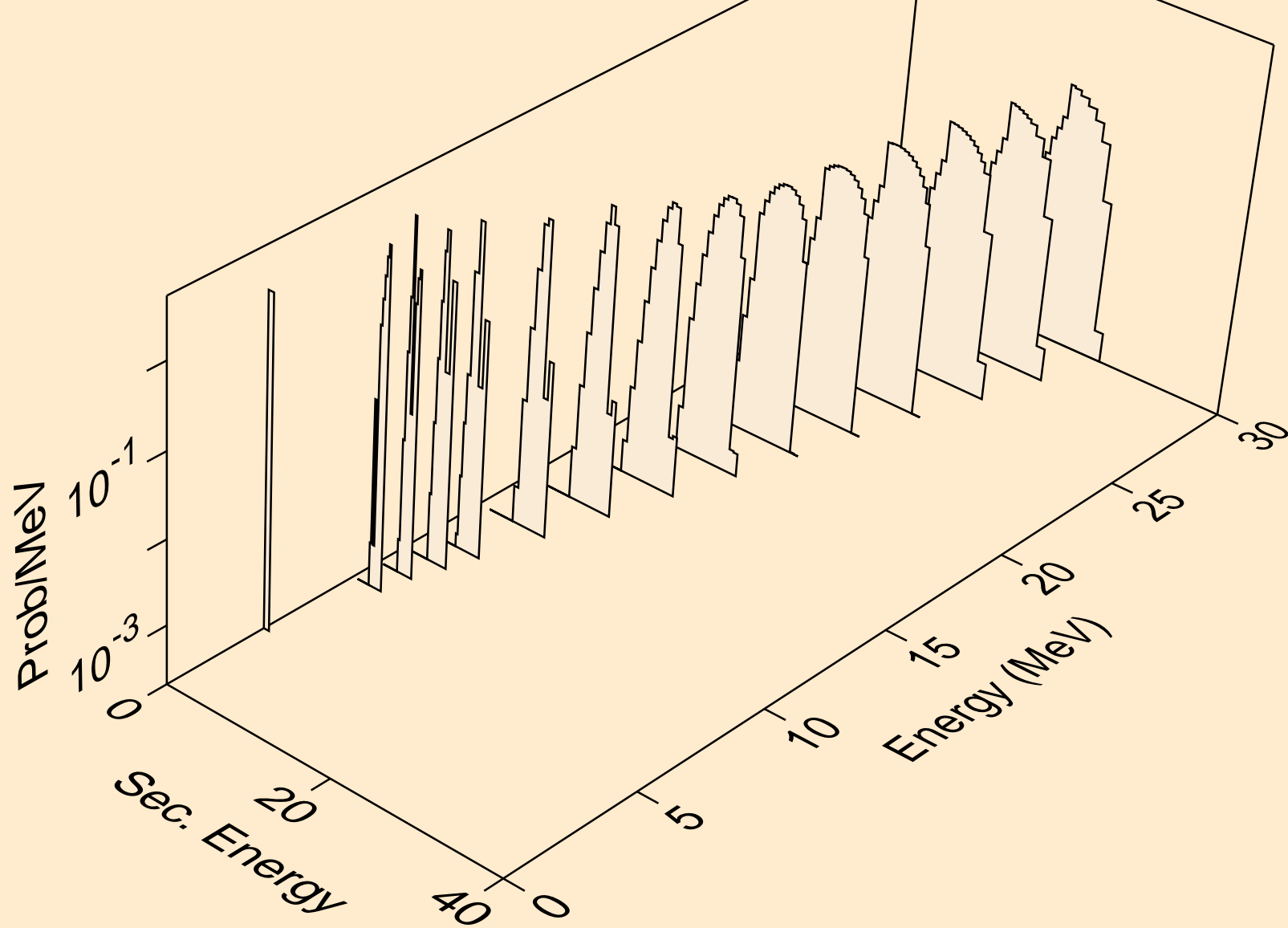




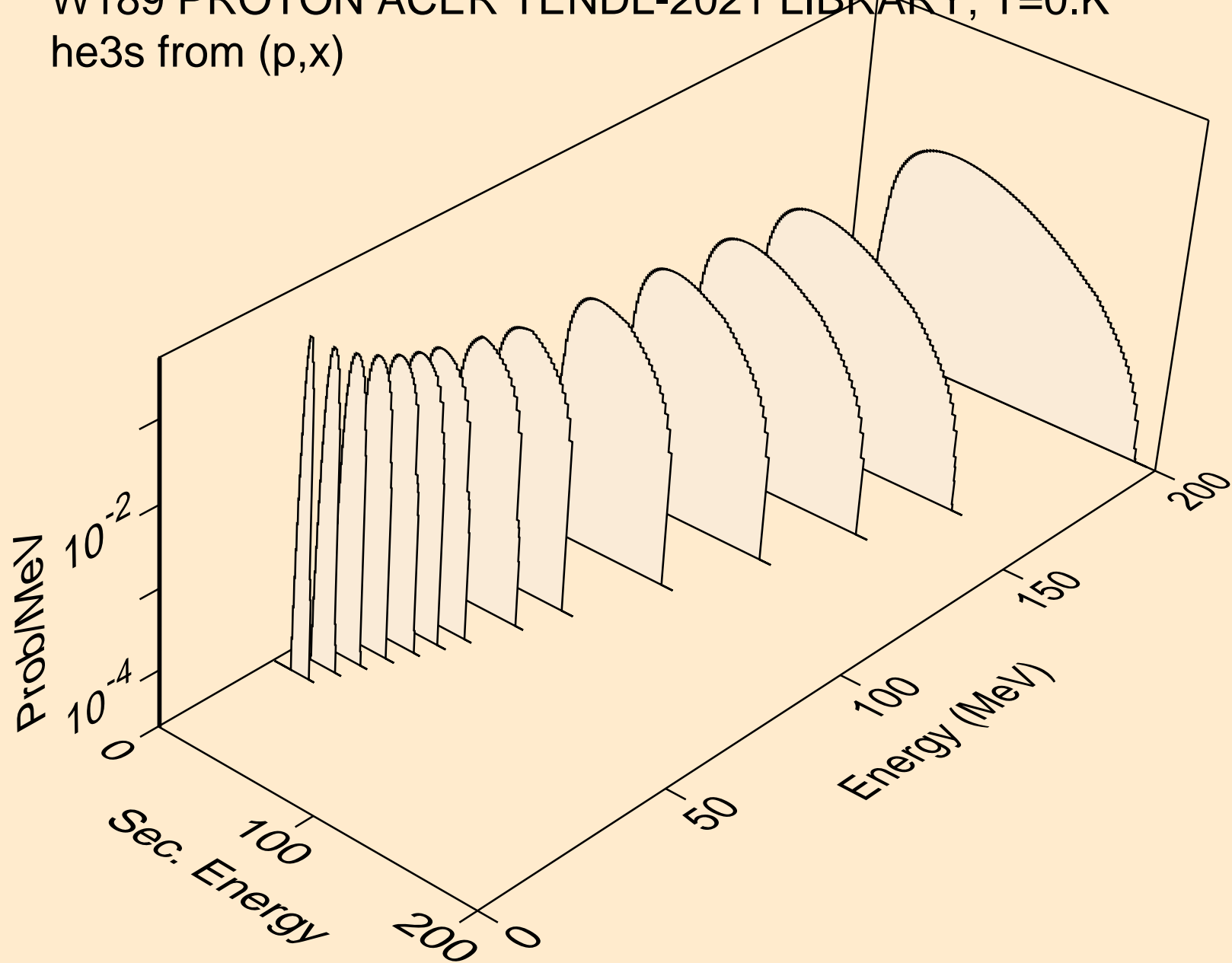
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



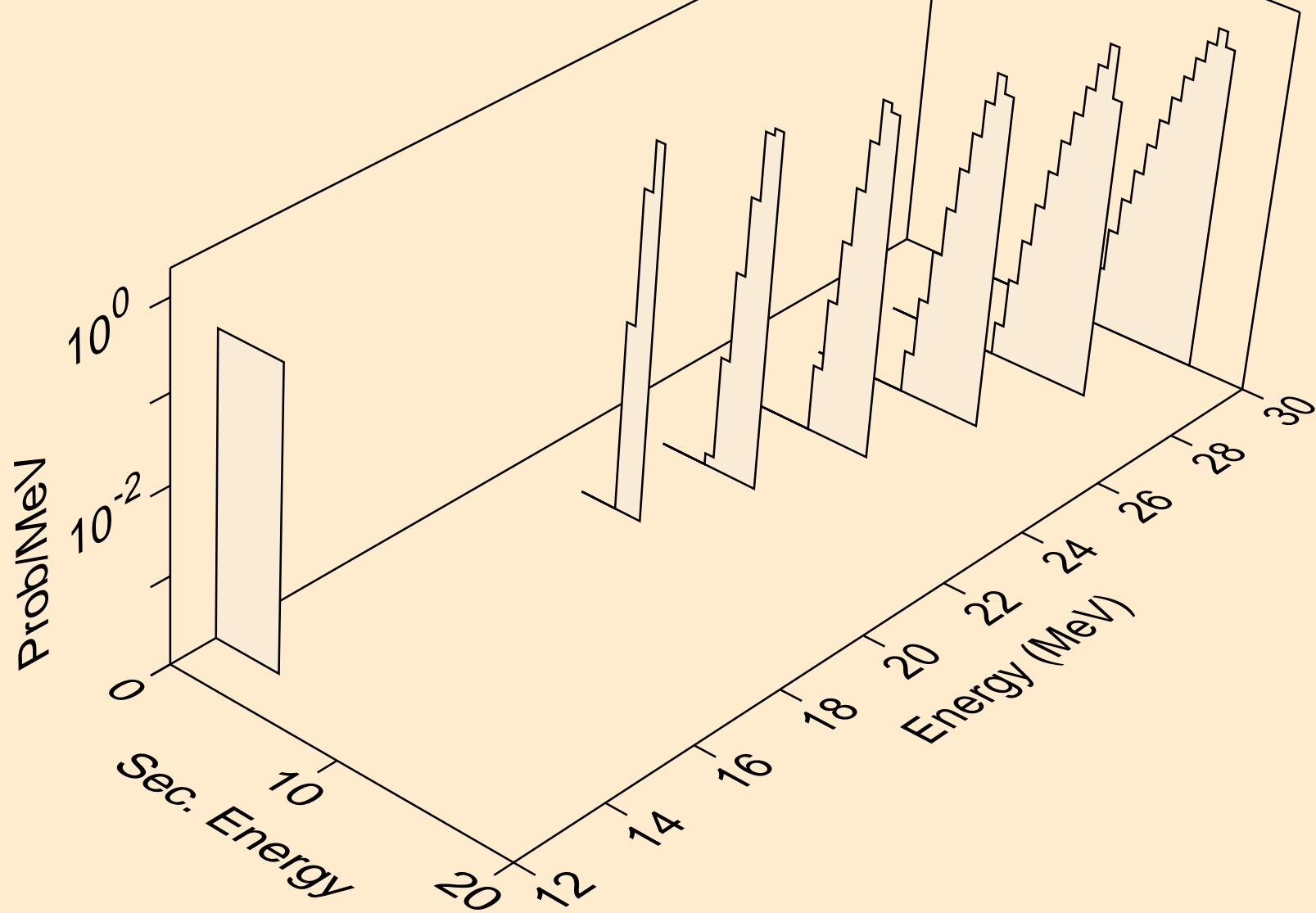
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



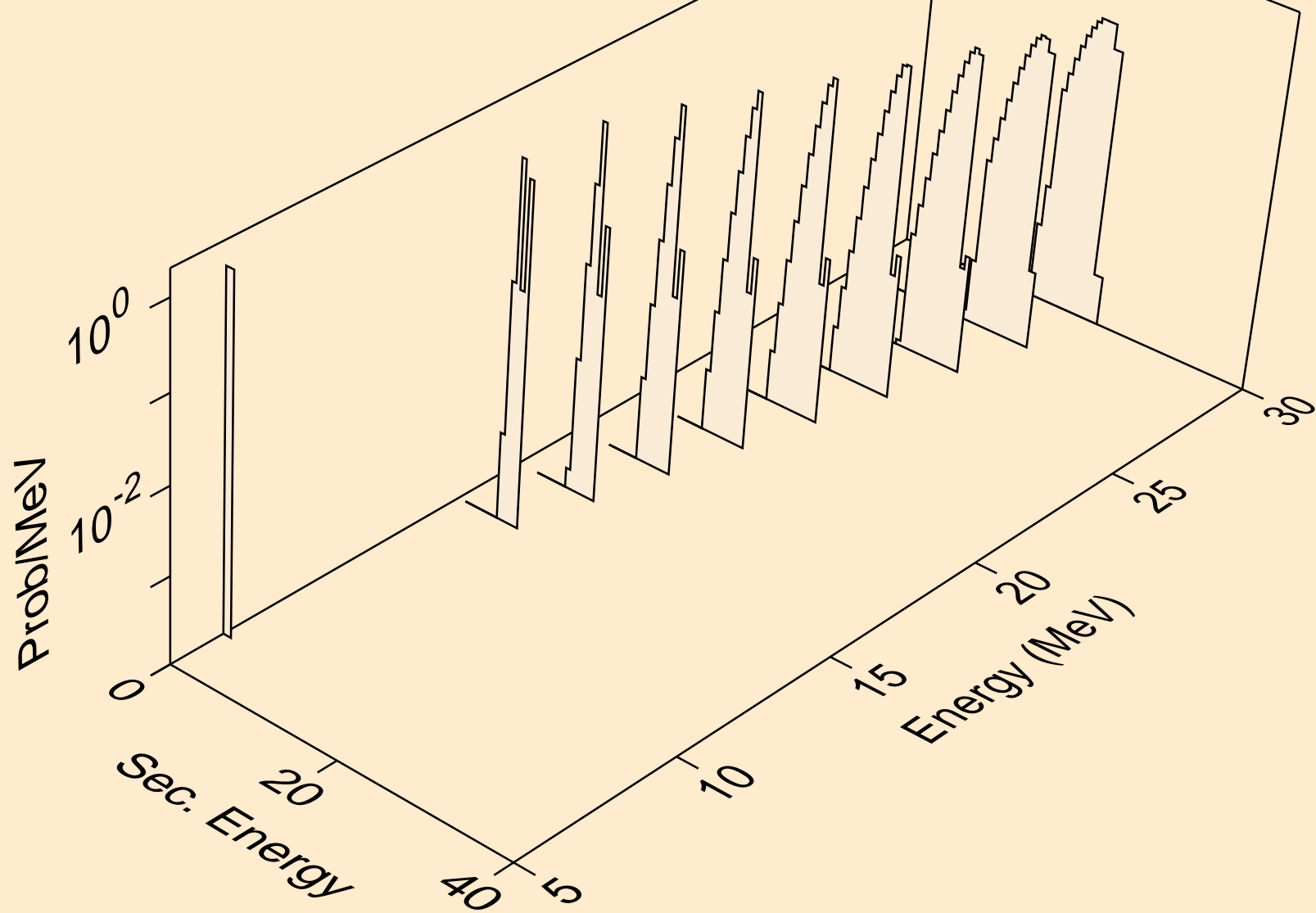
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



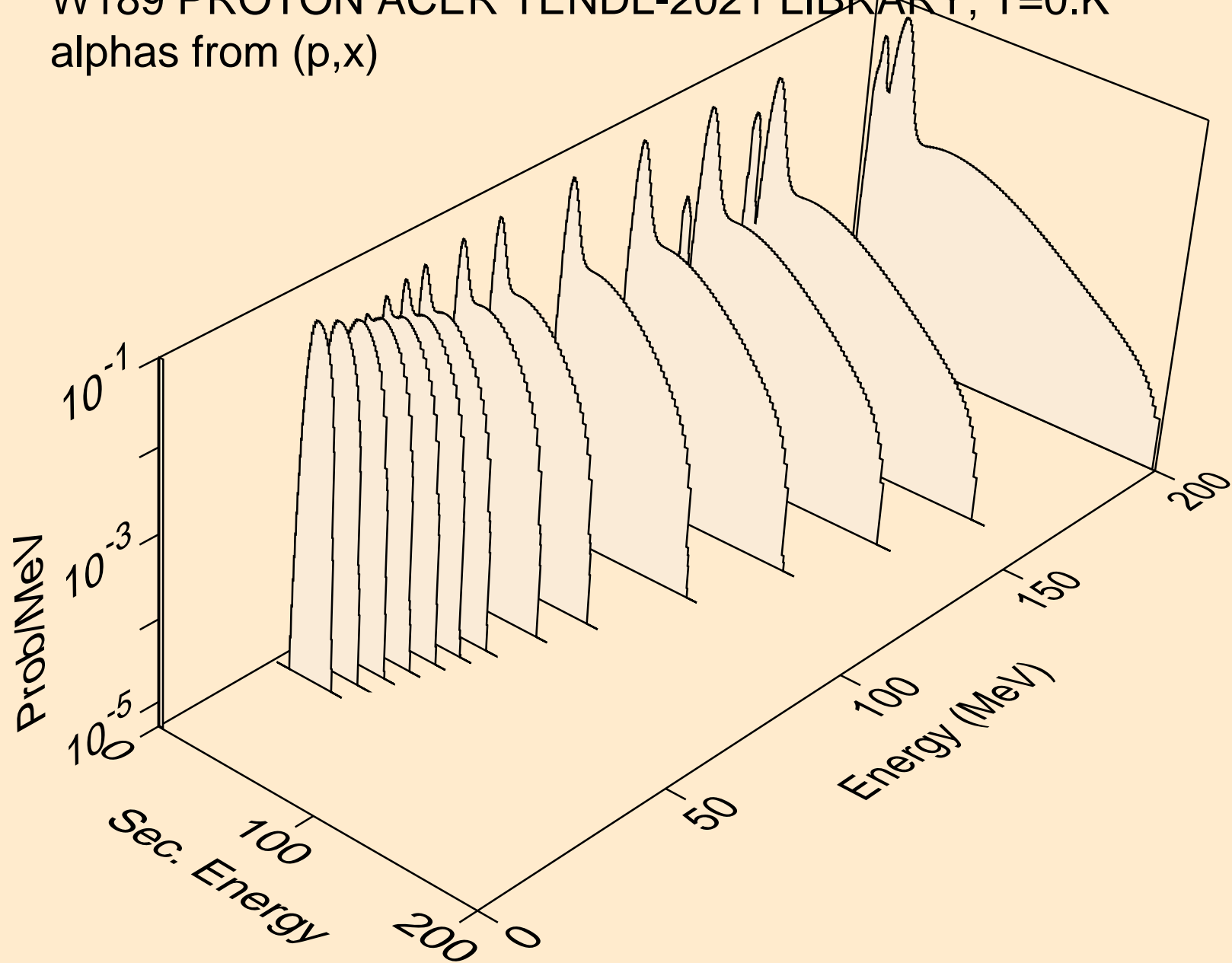
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



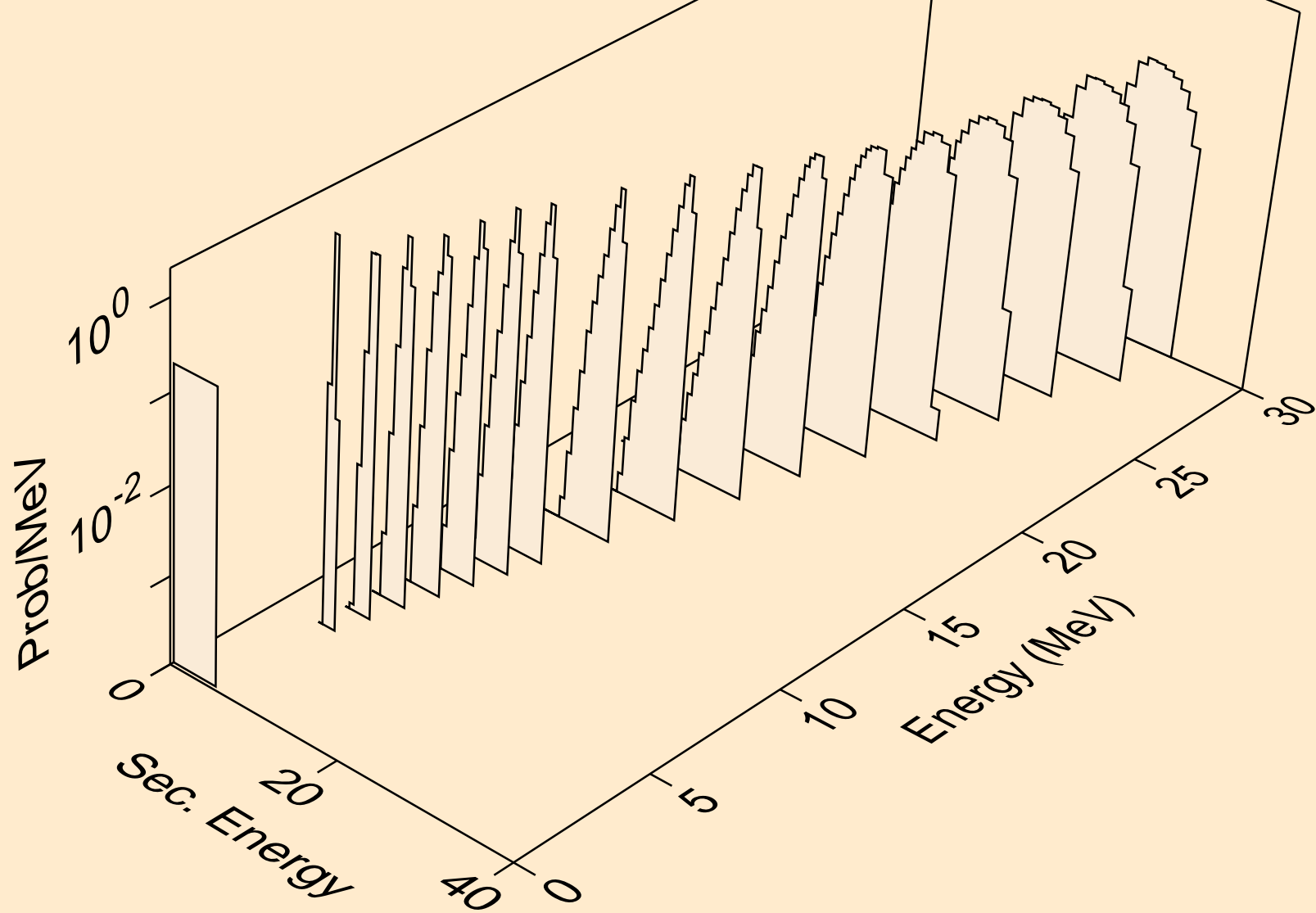
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



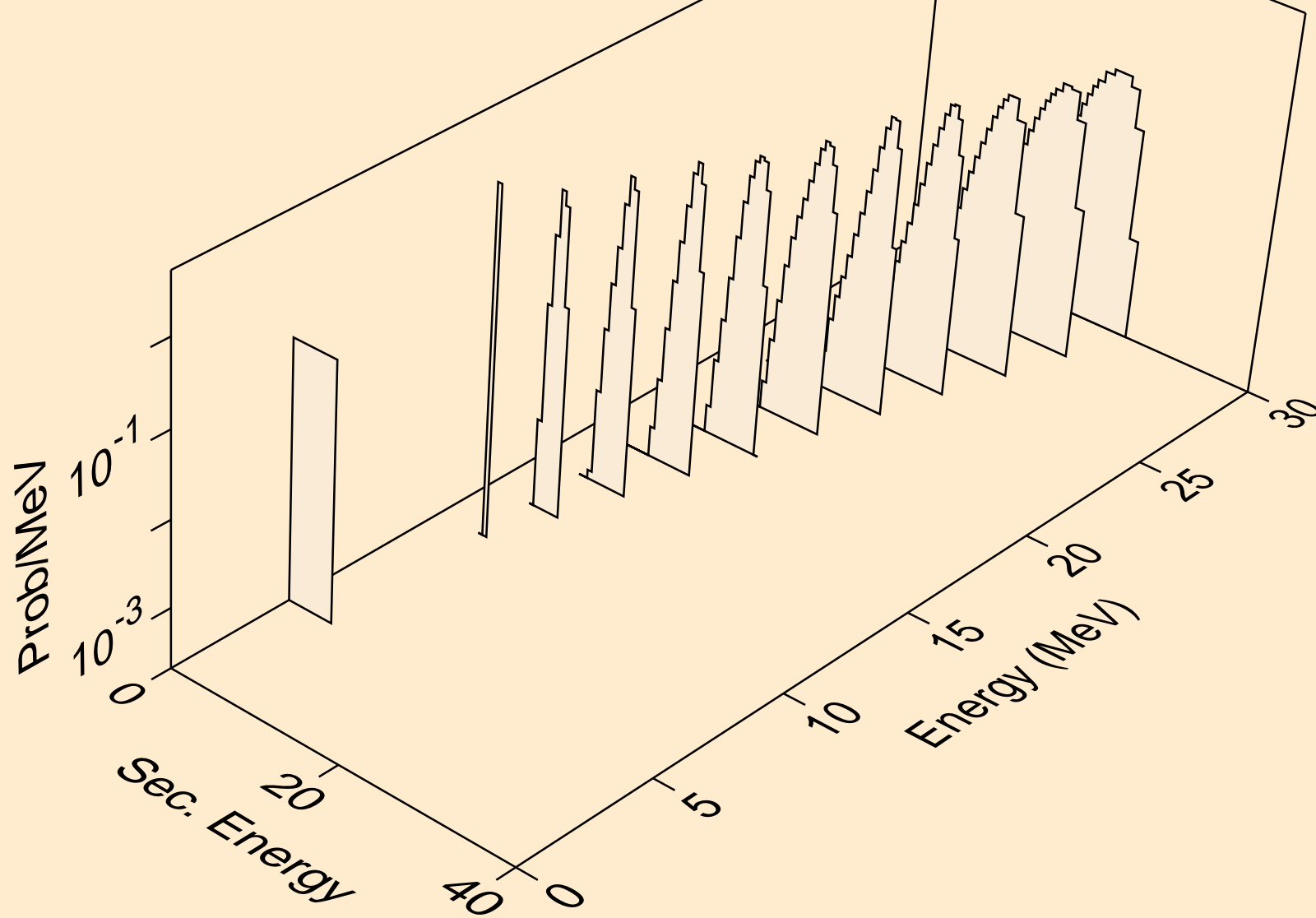
W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a

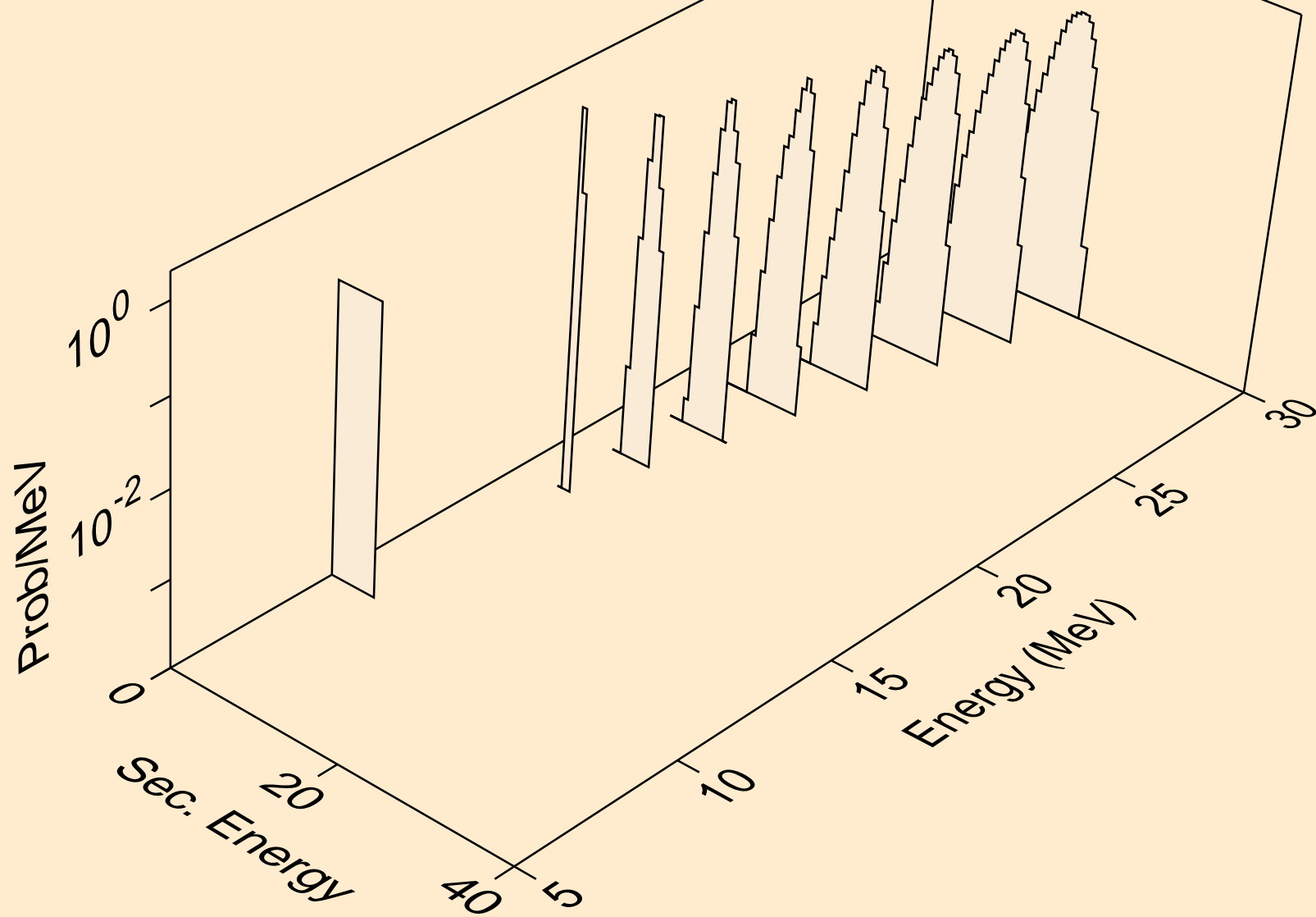


W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a





W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



W189 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)

