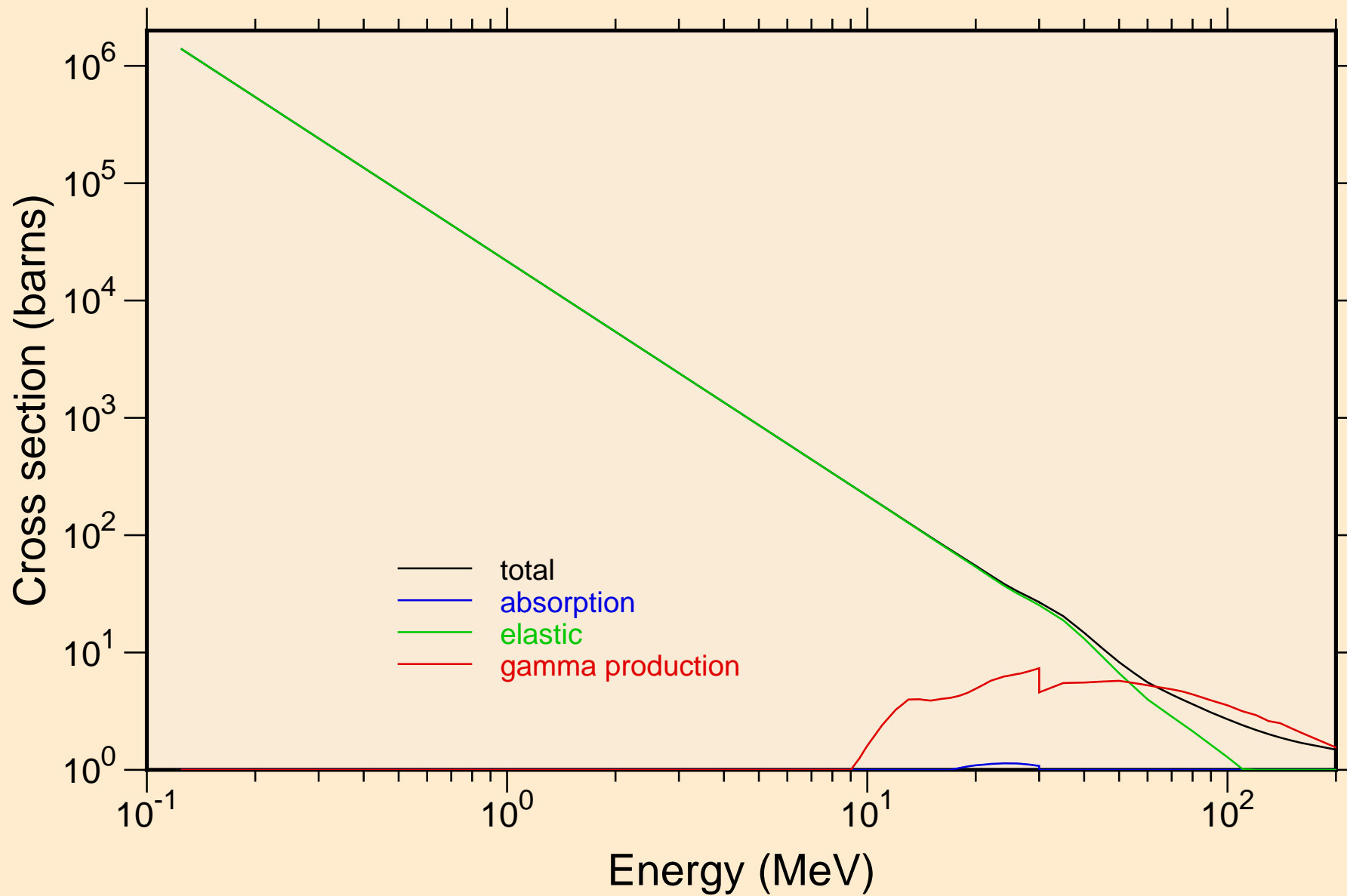
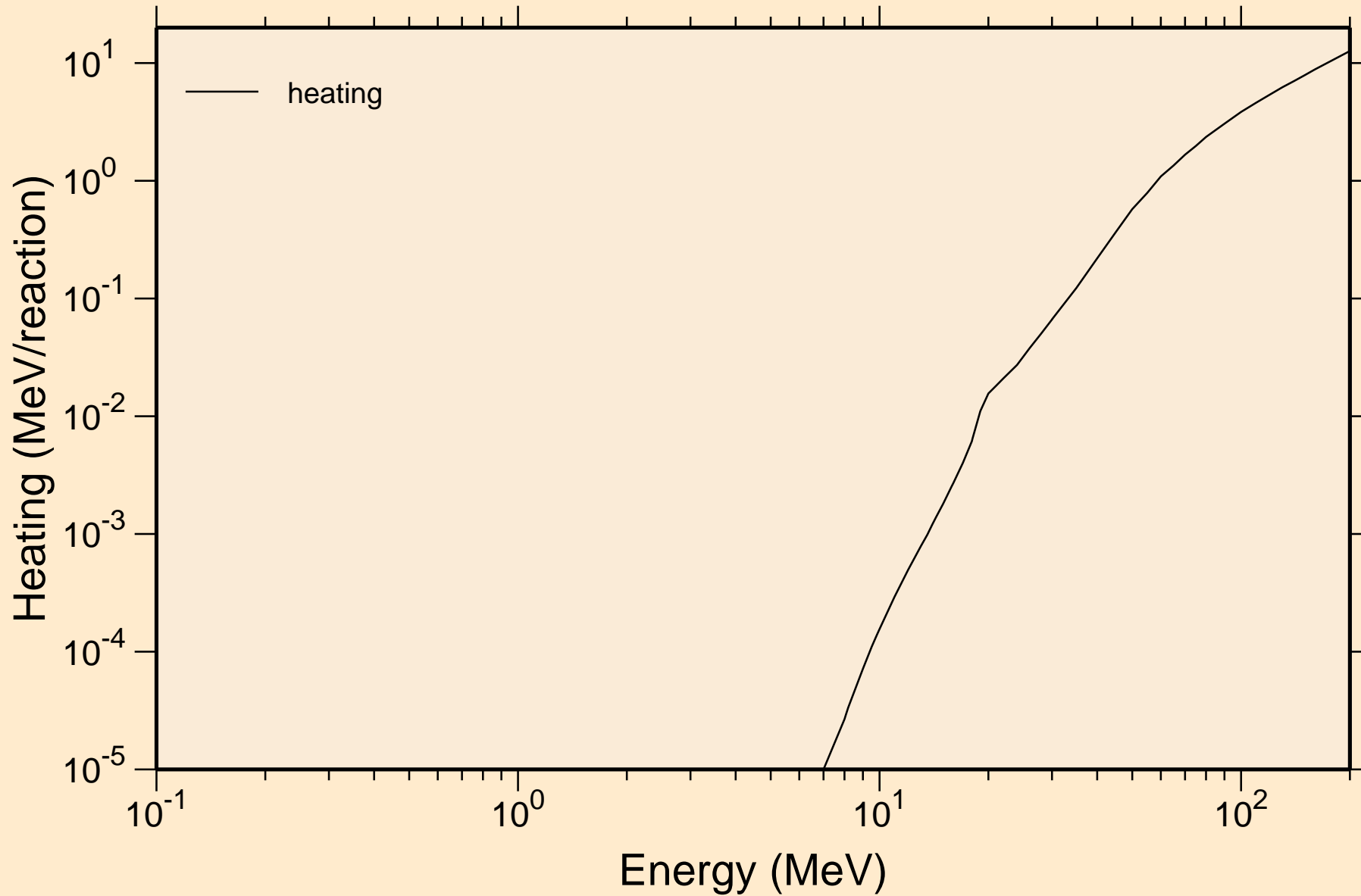


PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



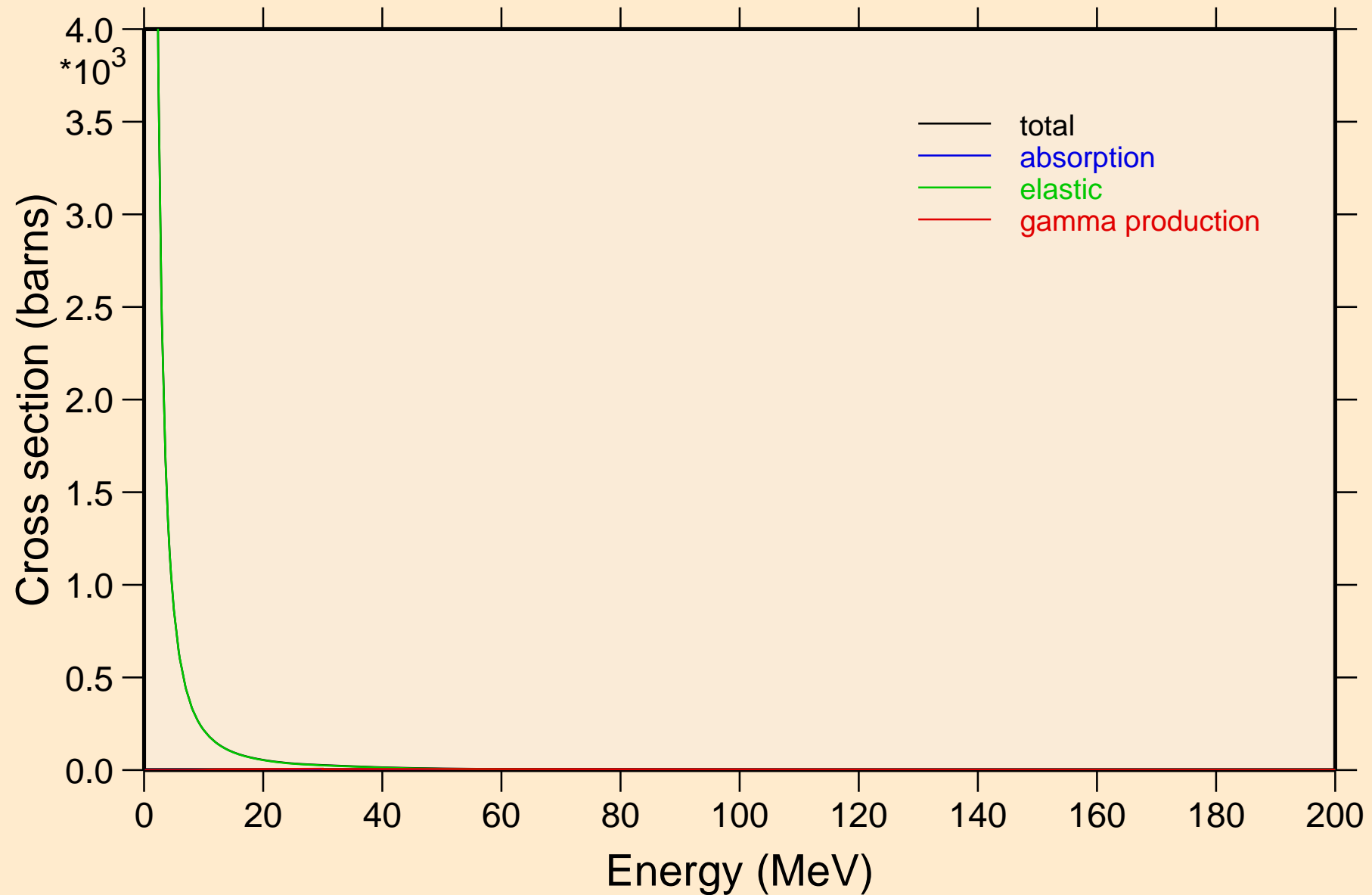
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating



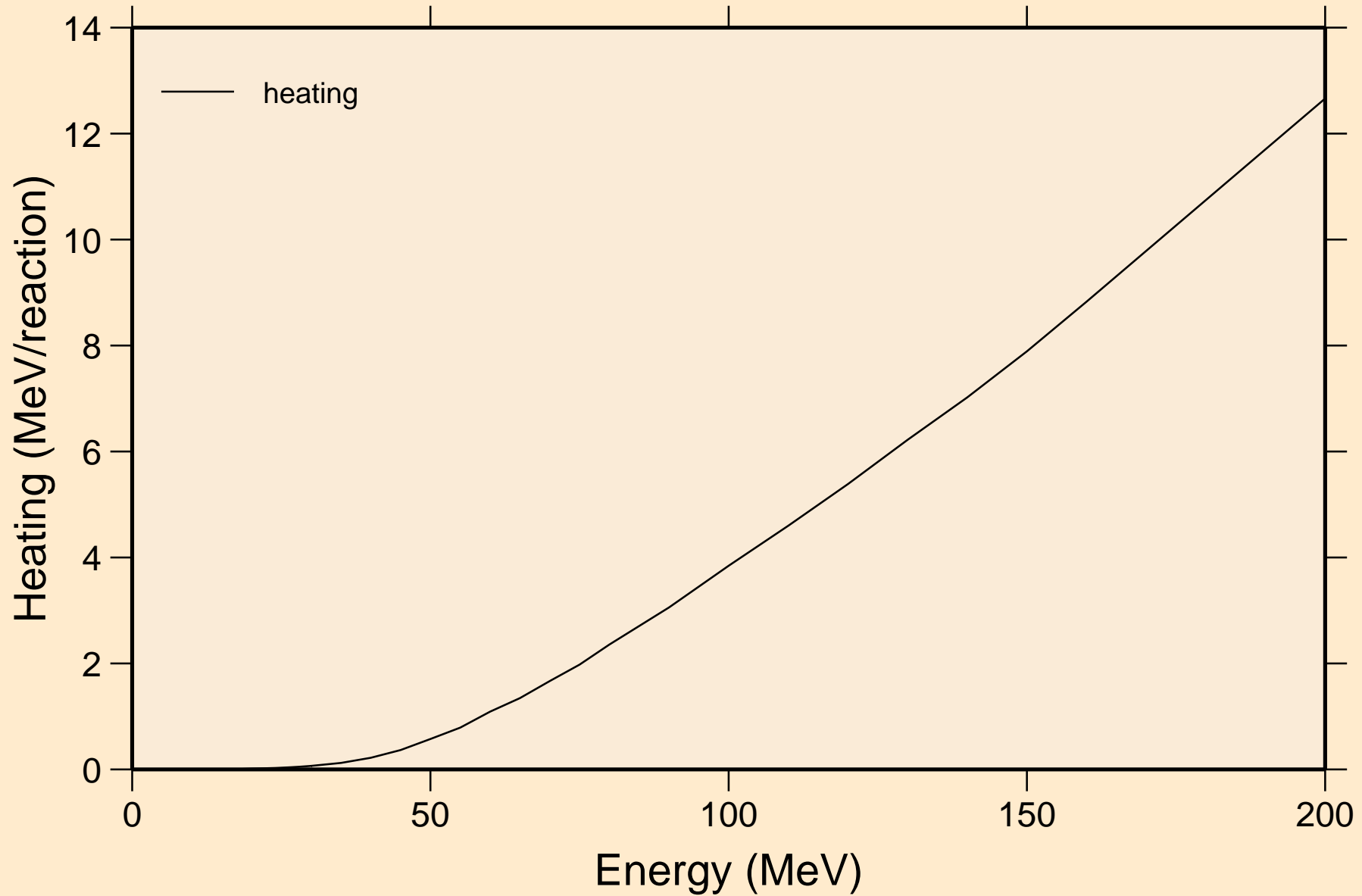
# PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

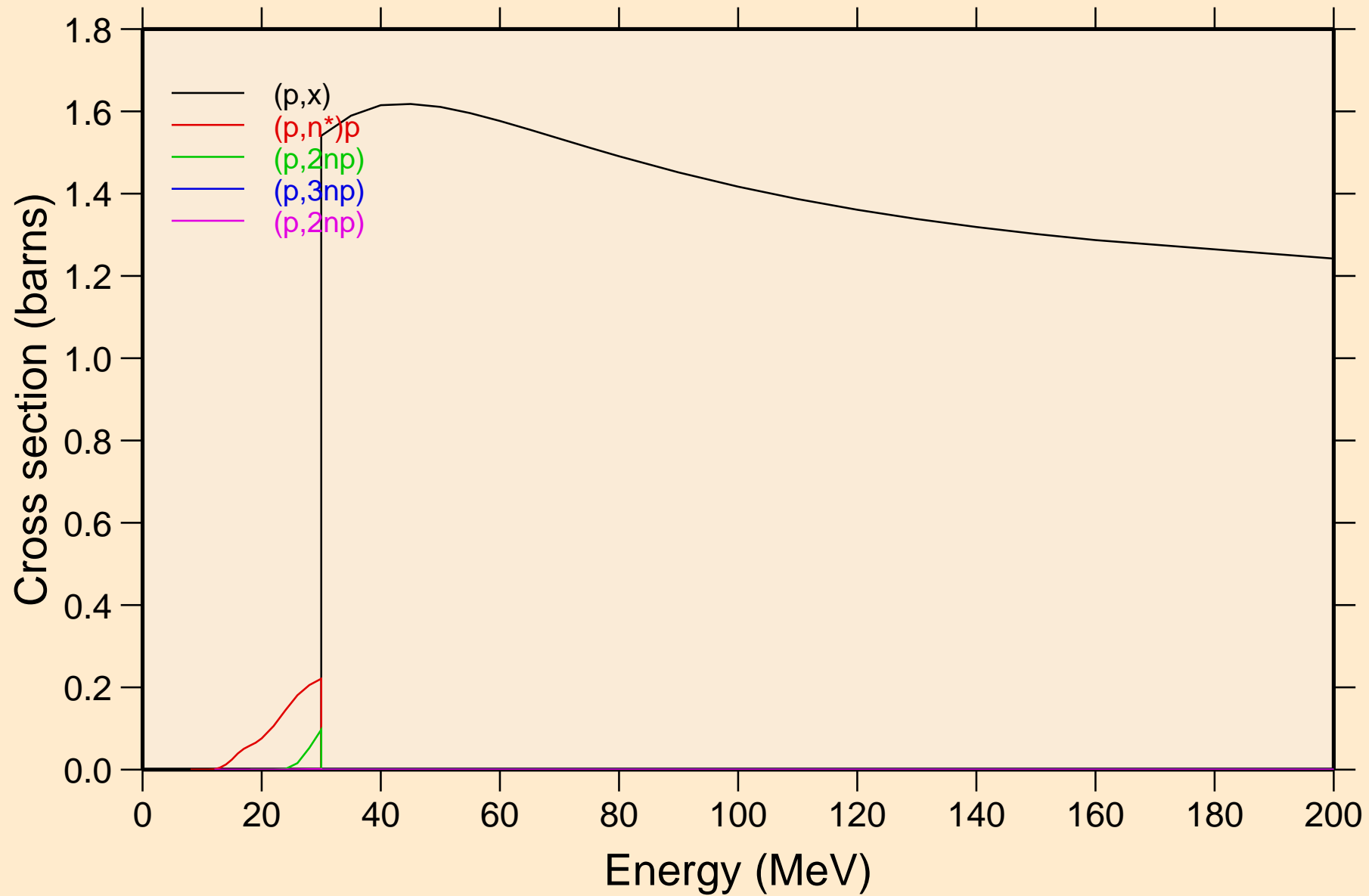


PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K

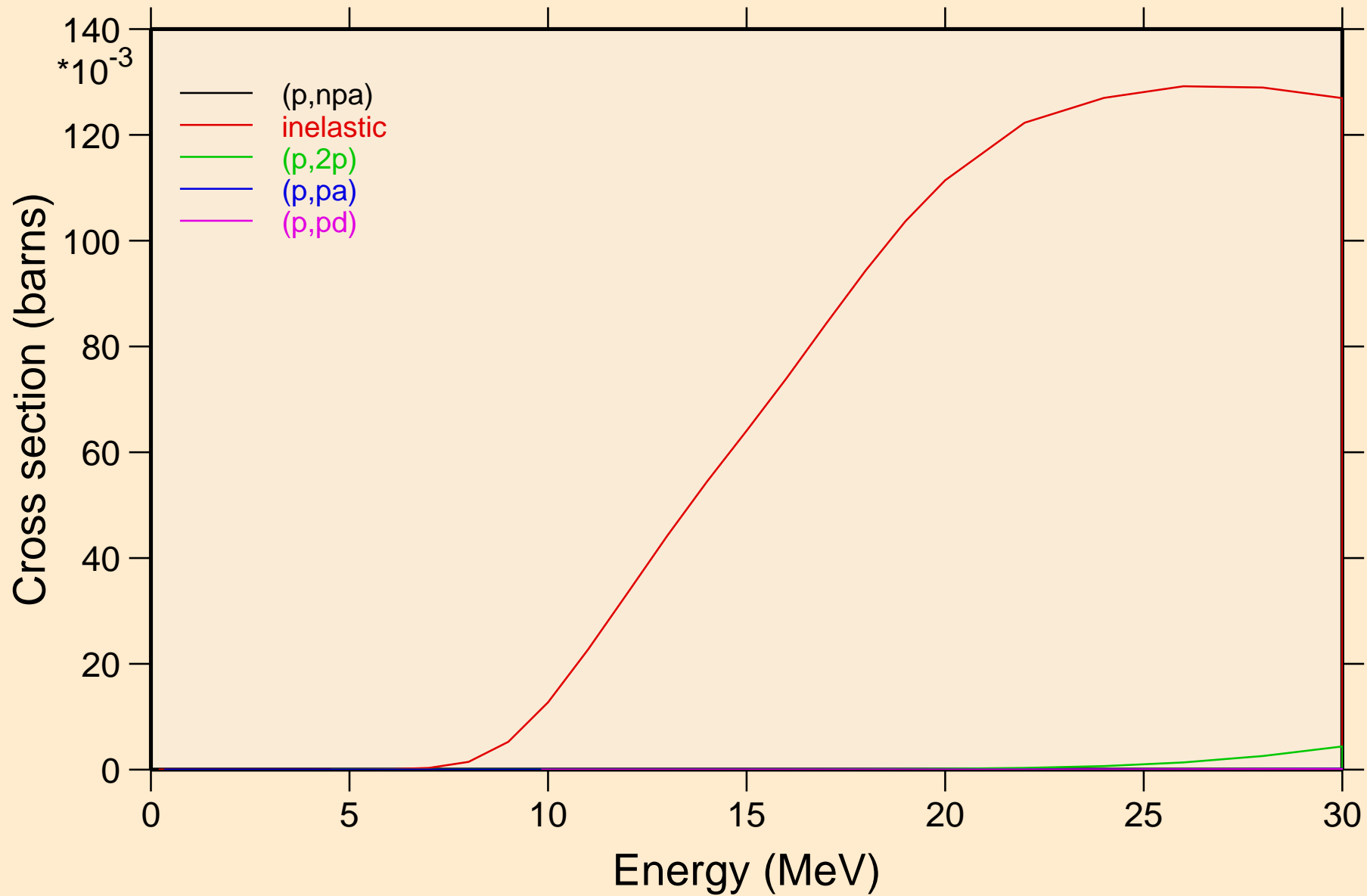
Heating



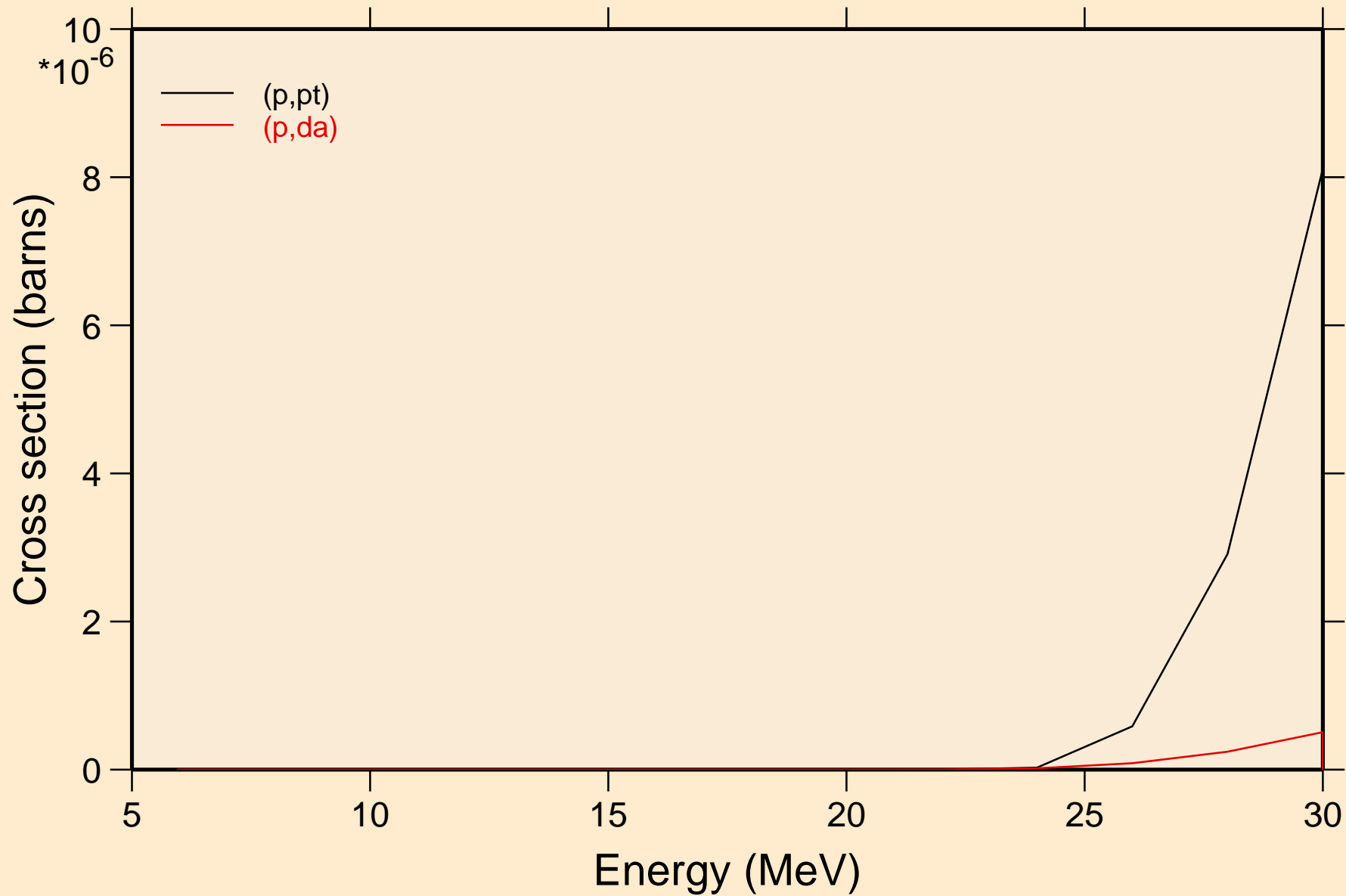
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



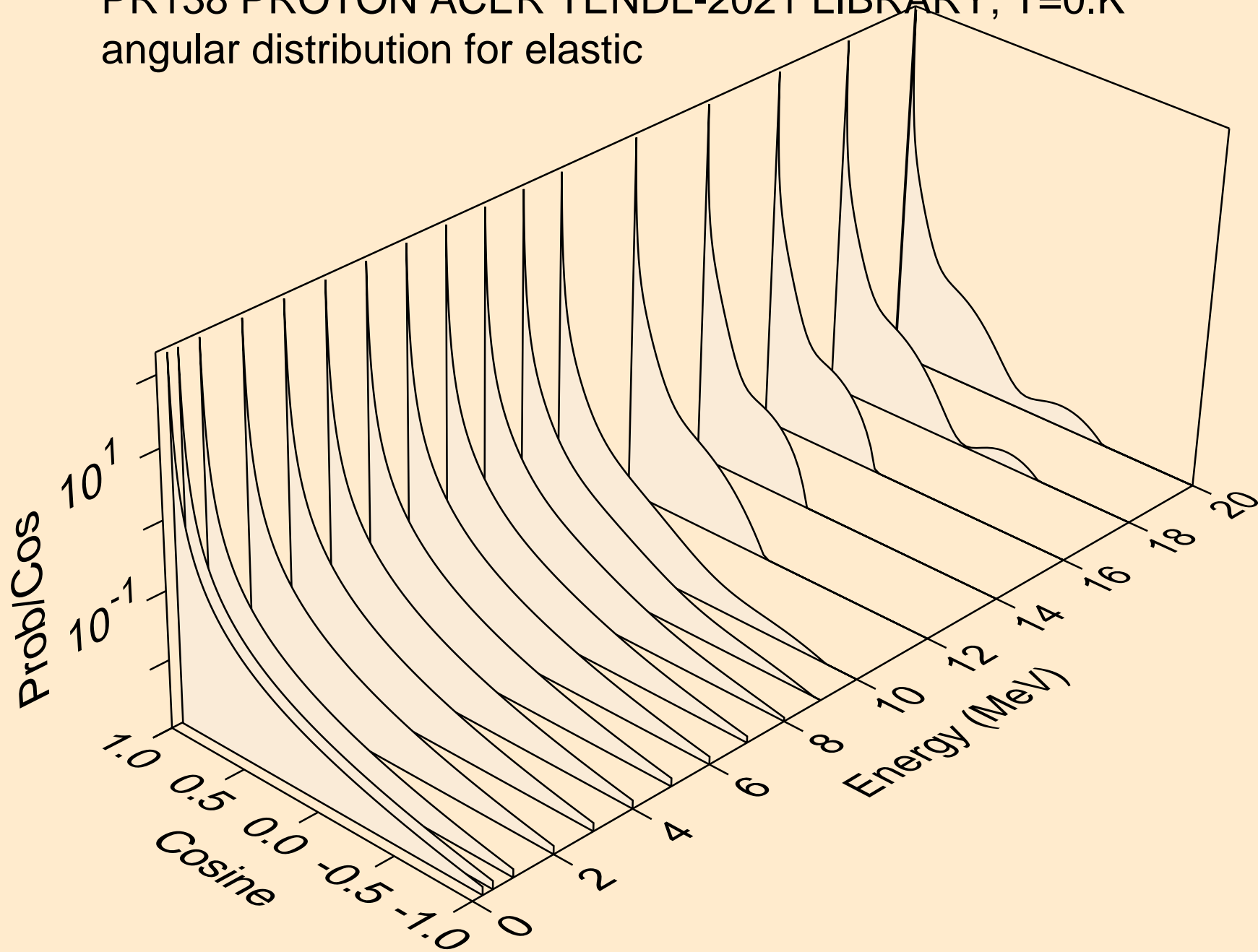
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

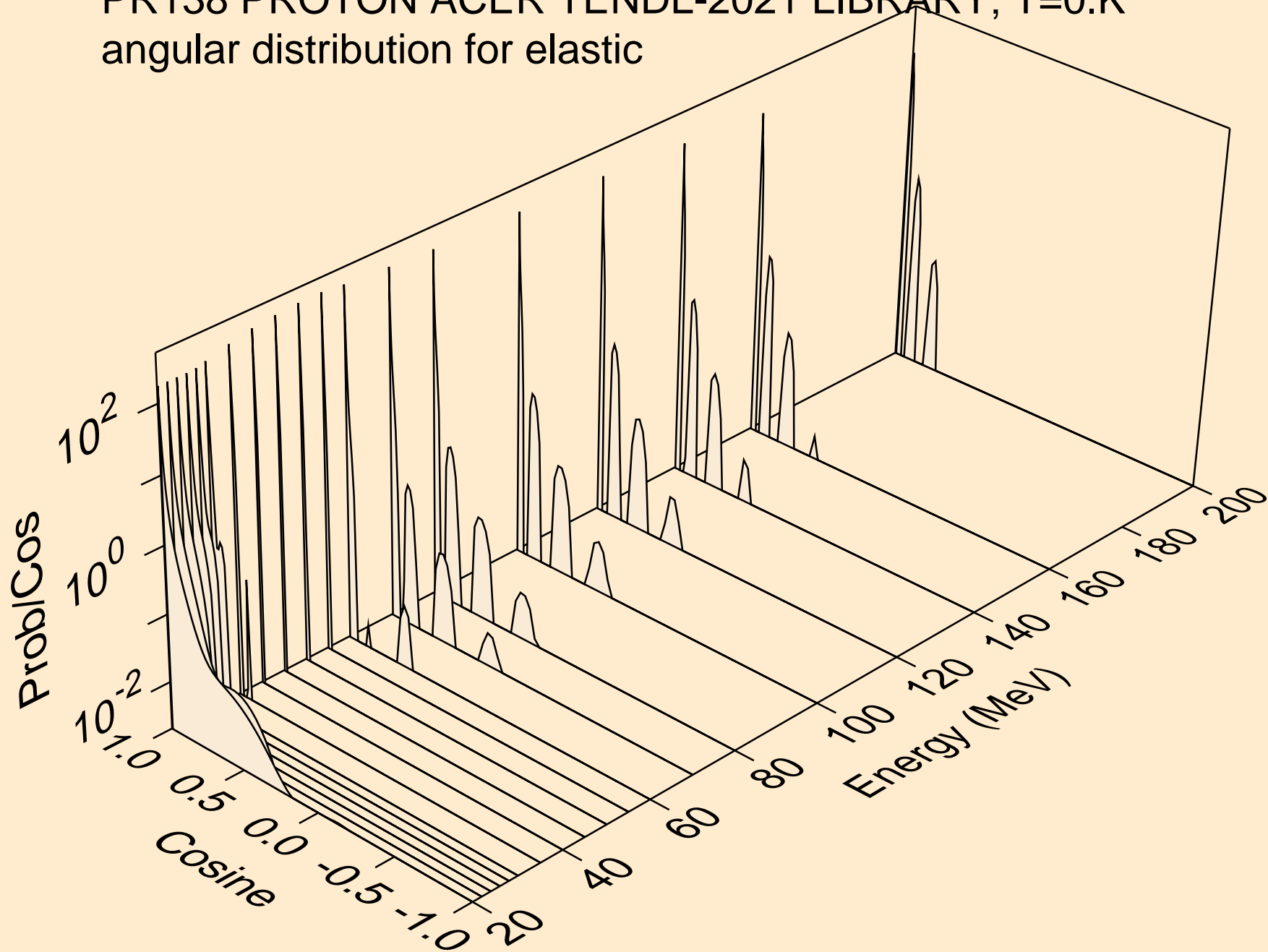


PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

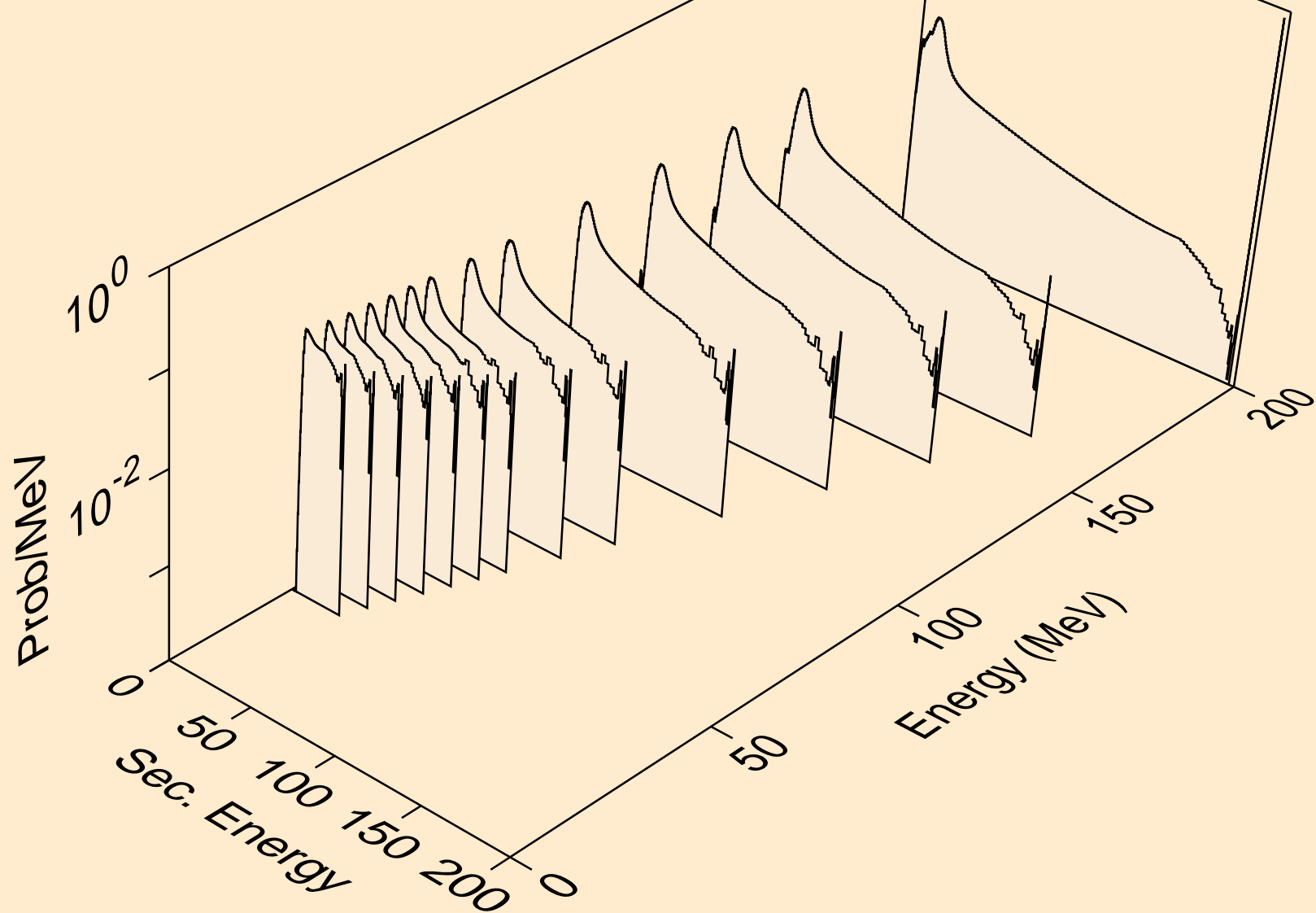




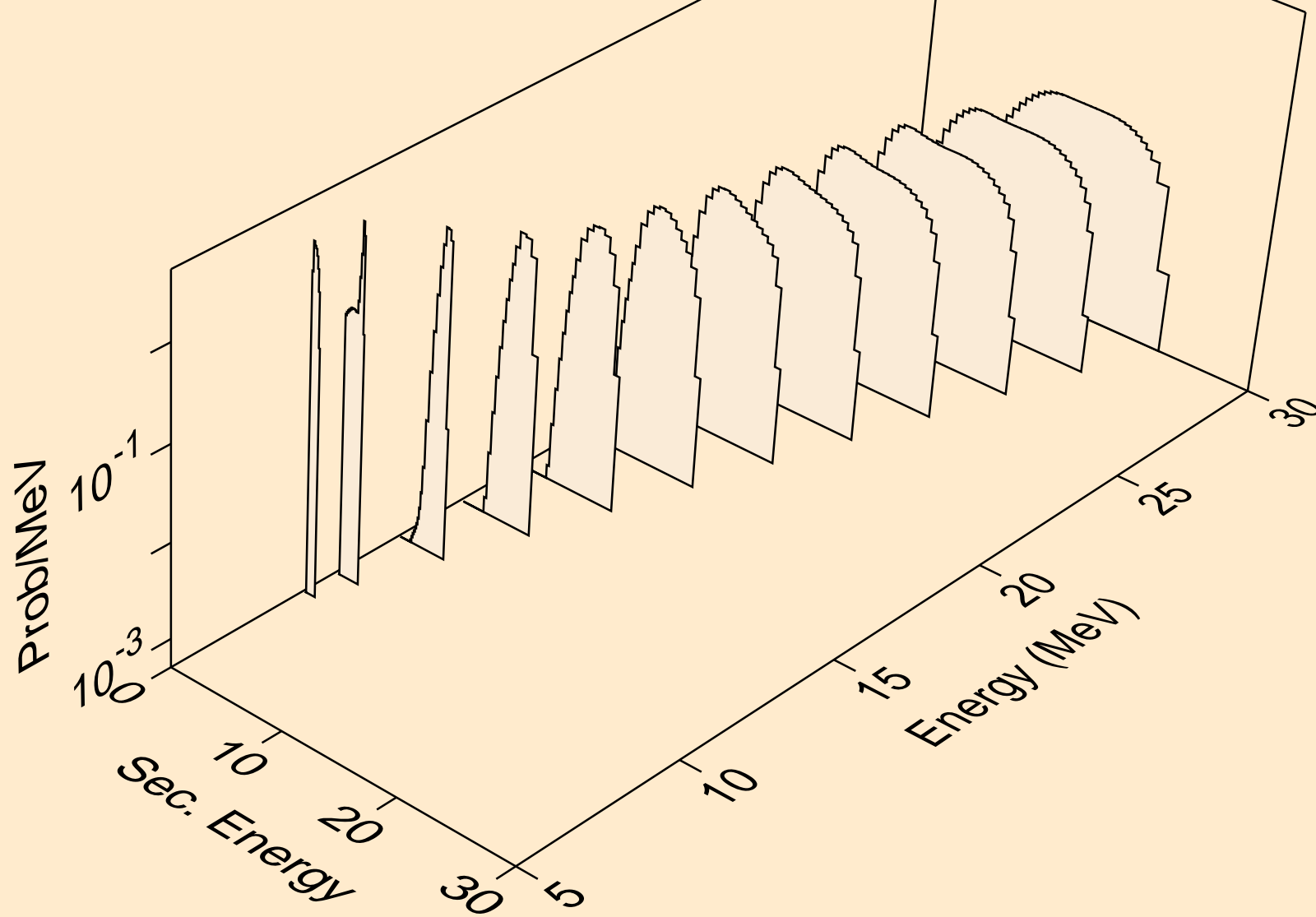
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



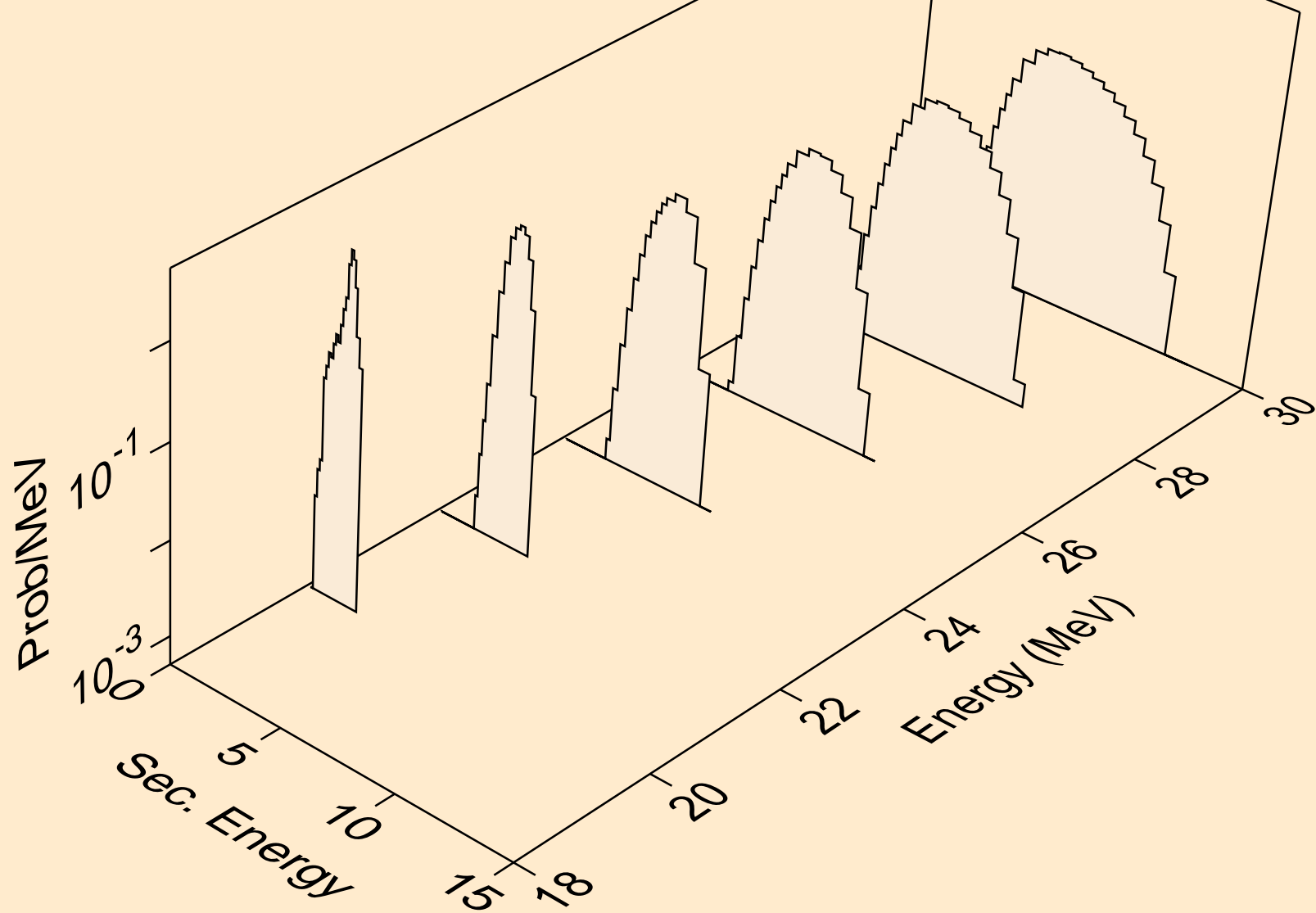
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



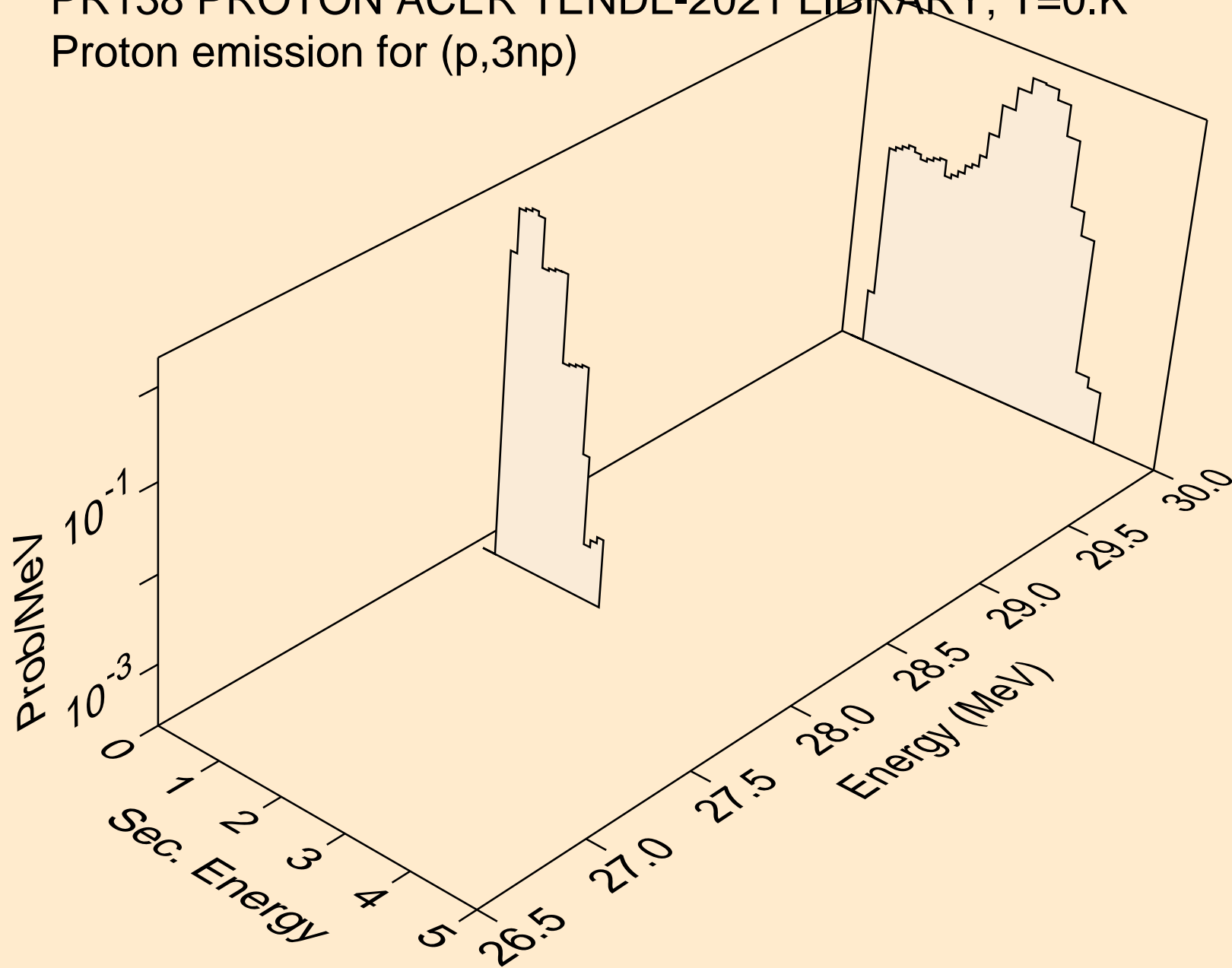
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



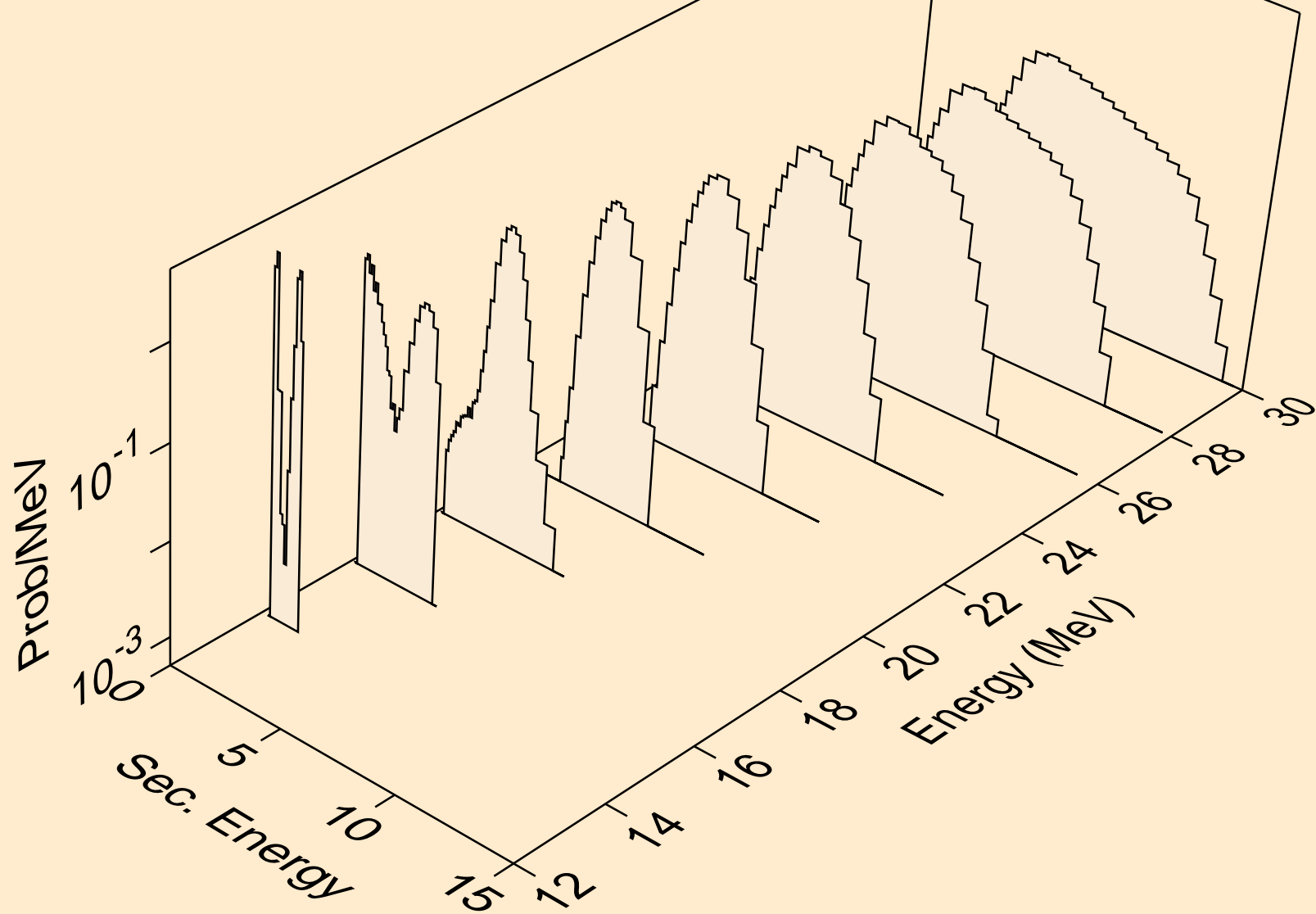
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



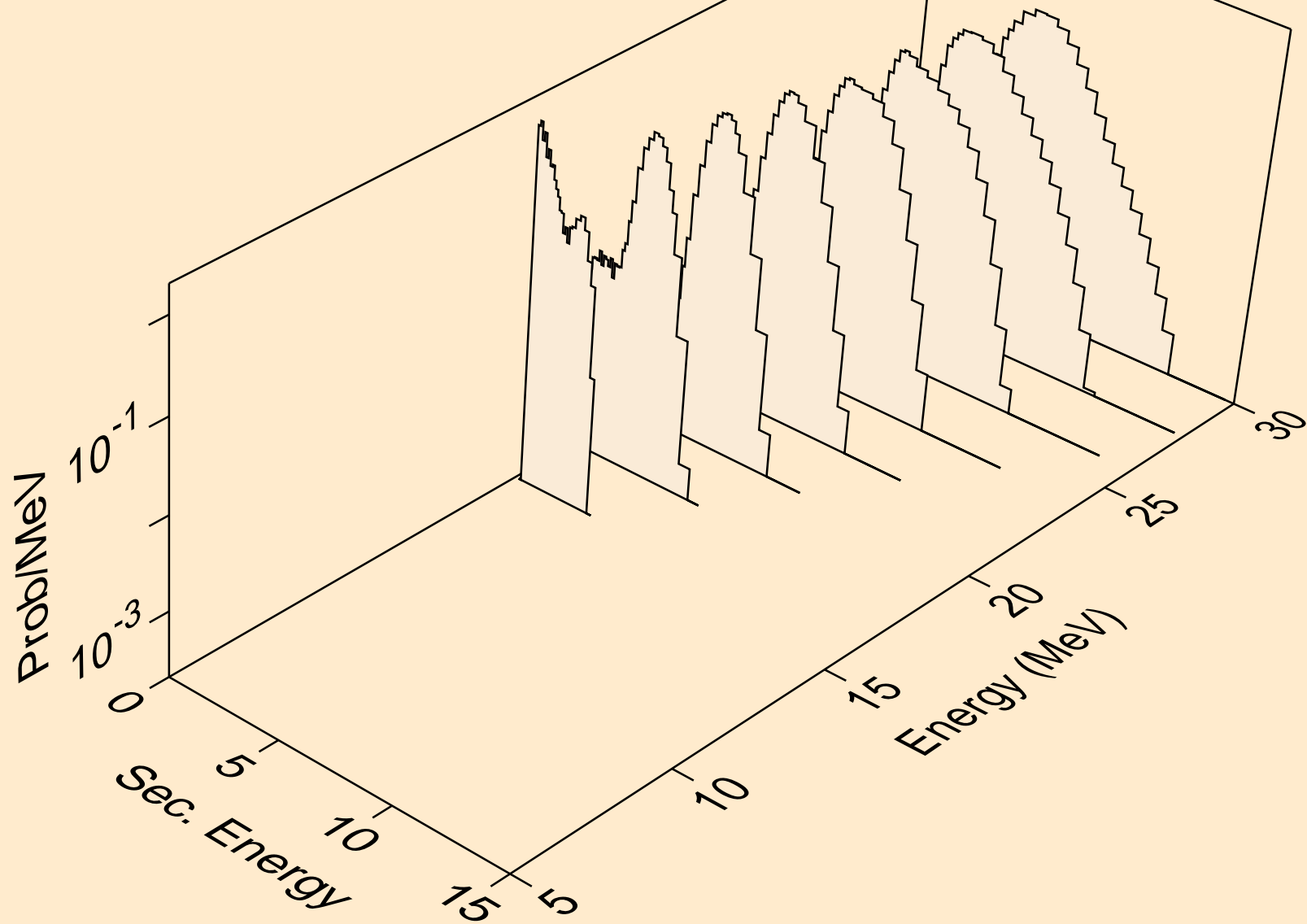
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



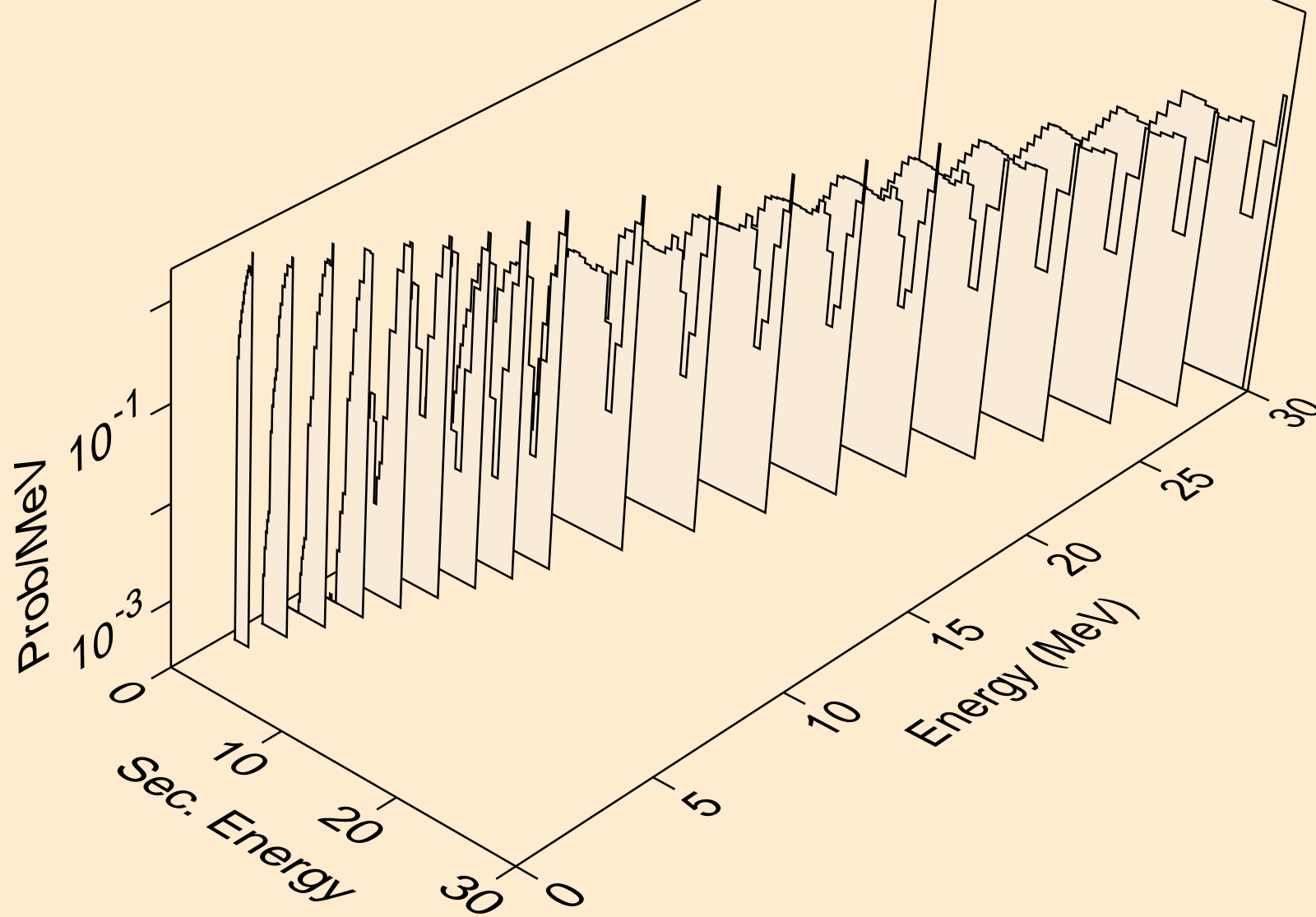
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

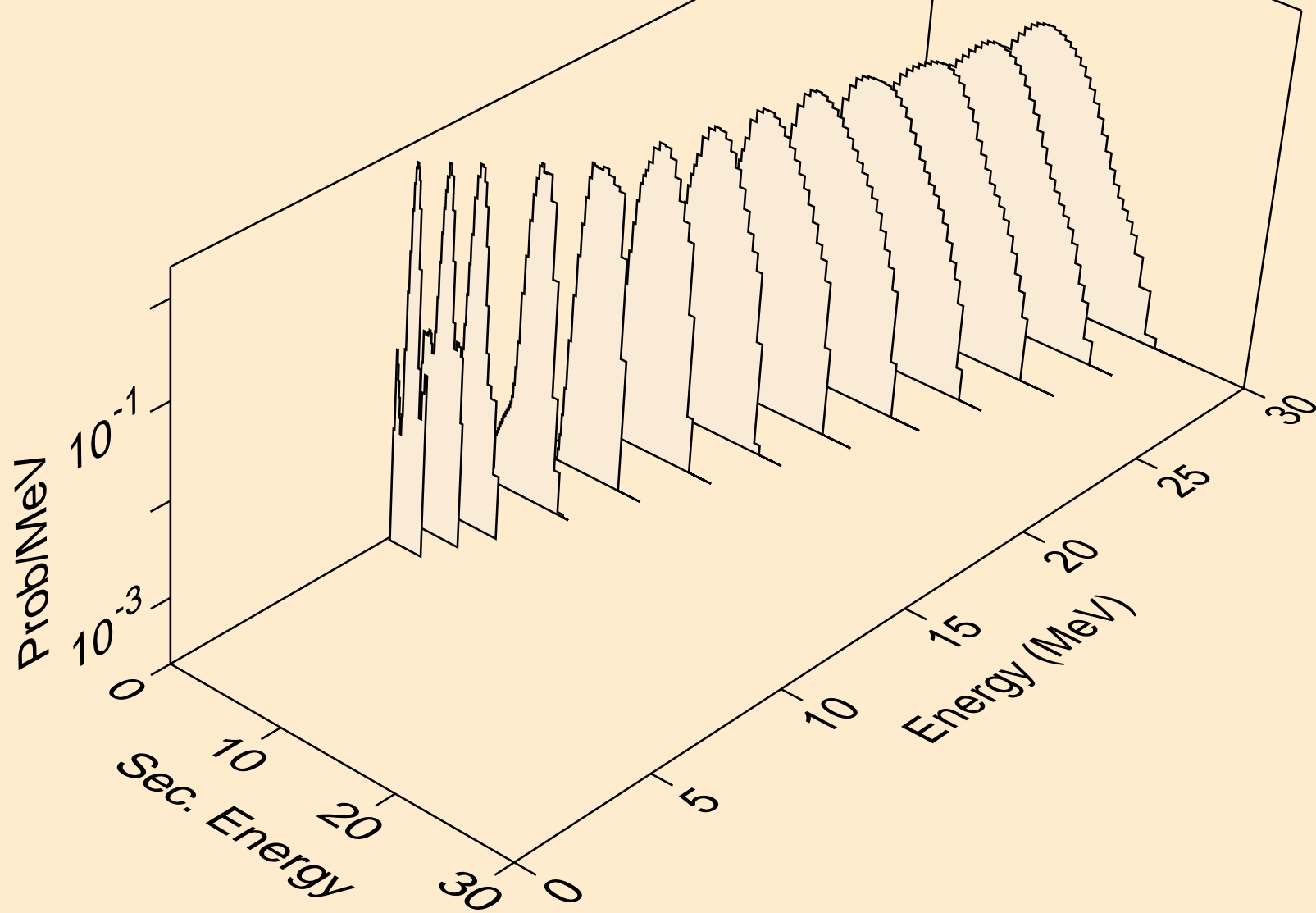


PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

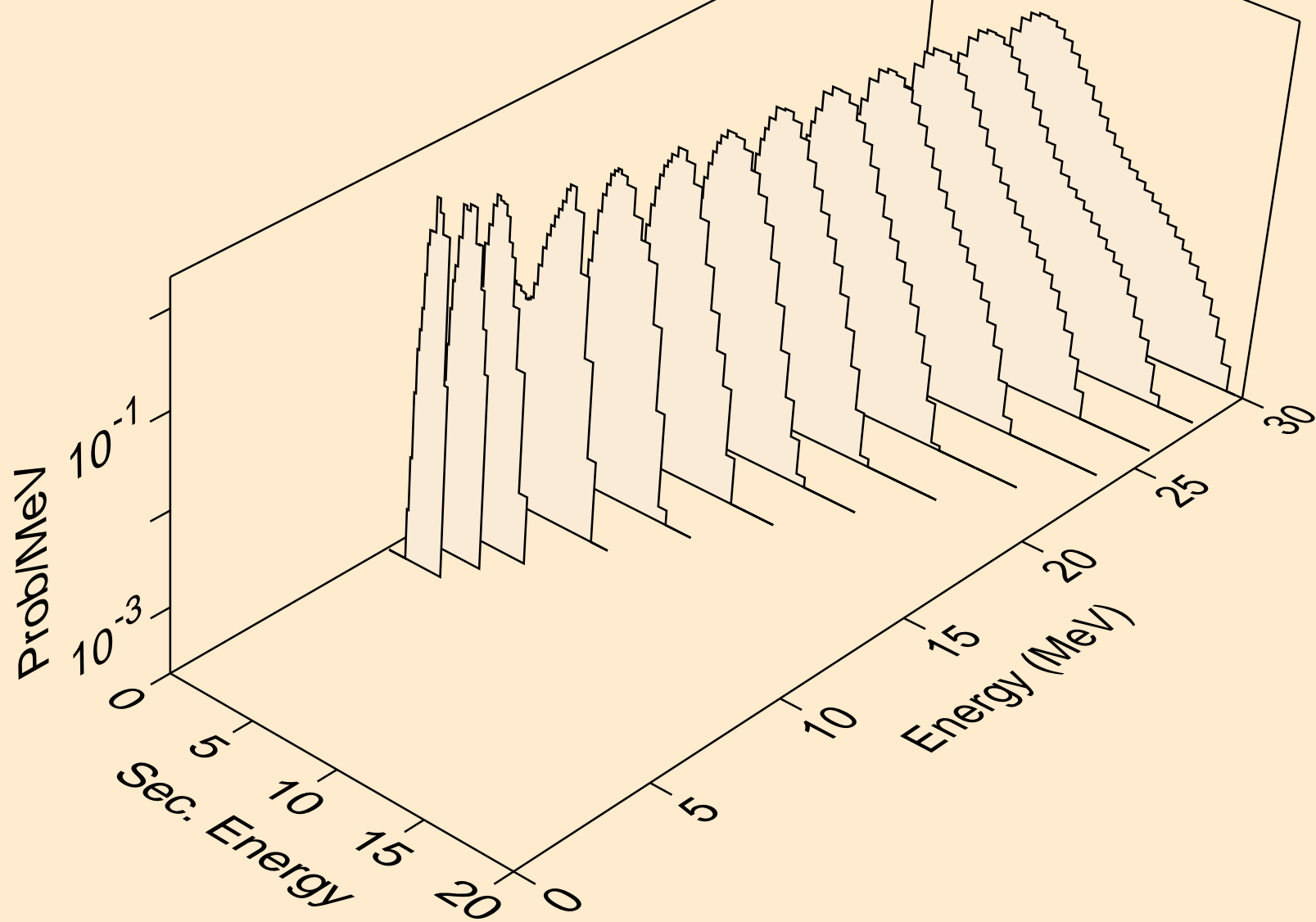




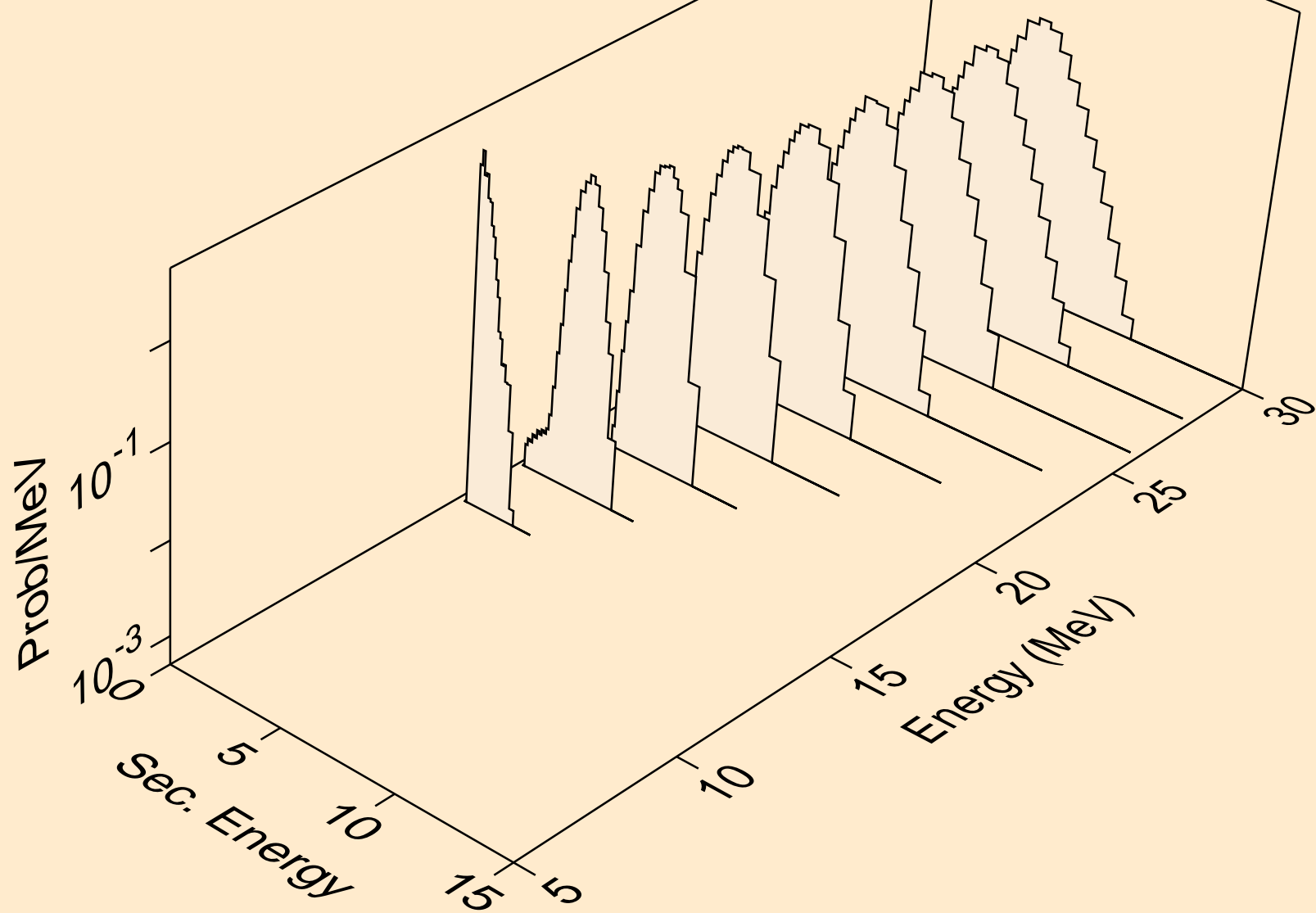
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



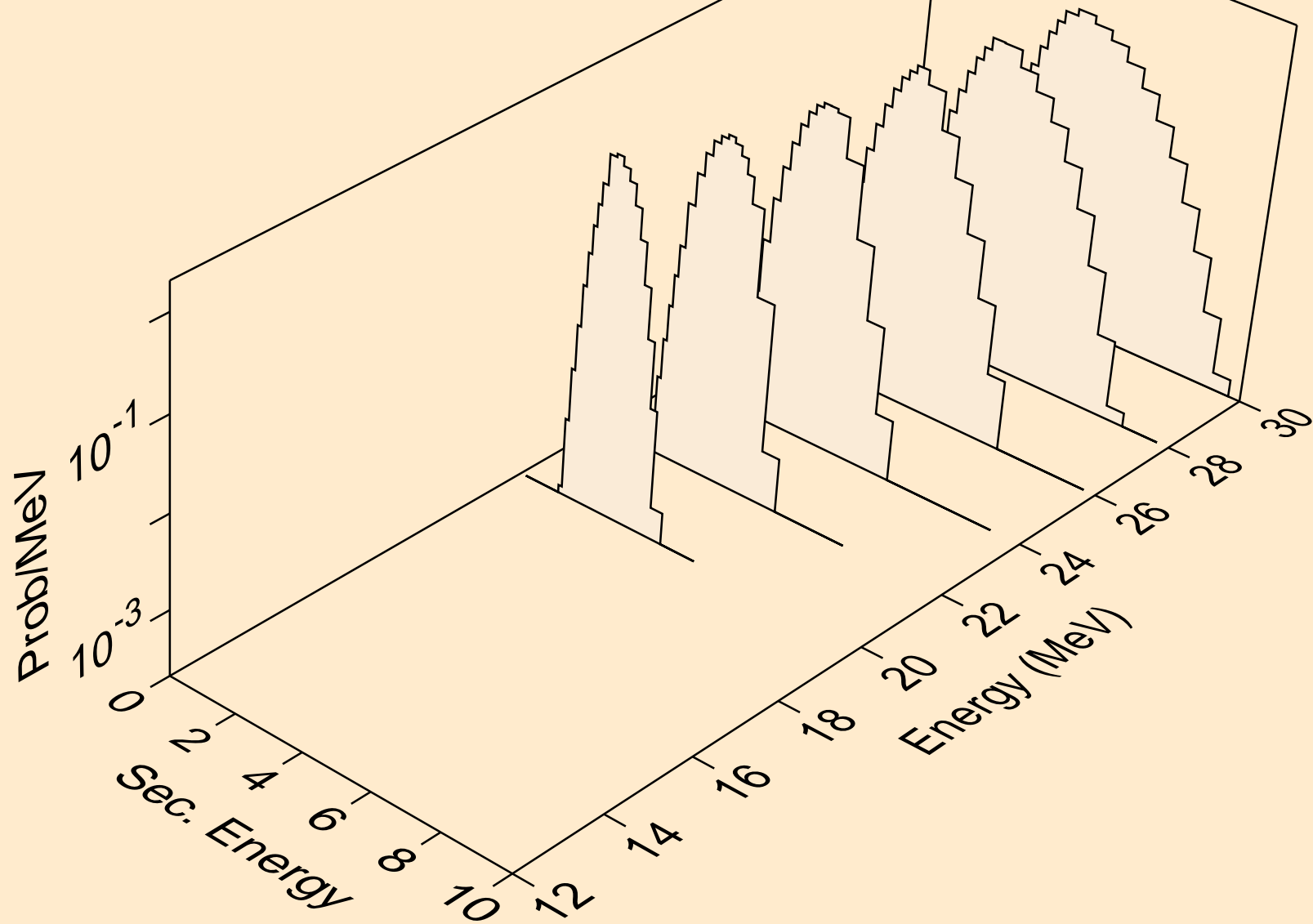
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



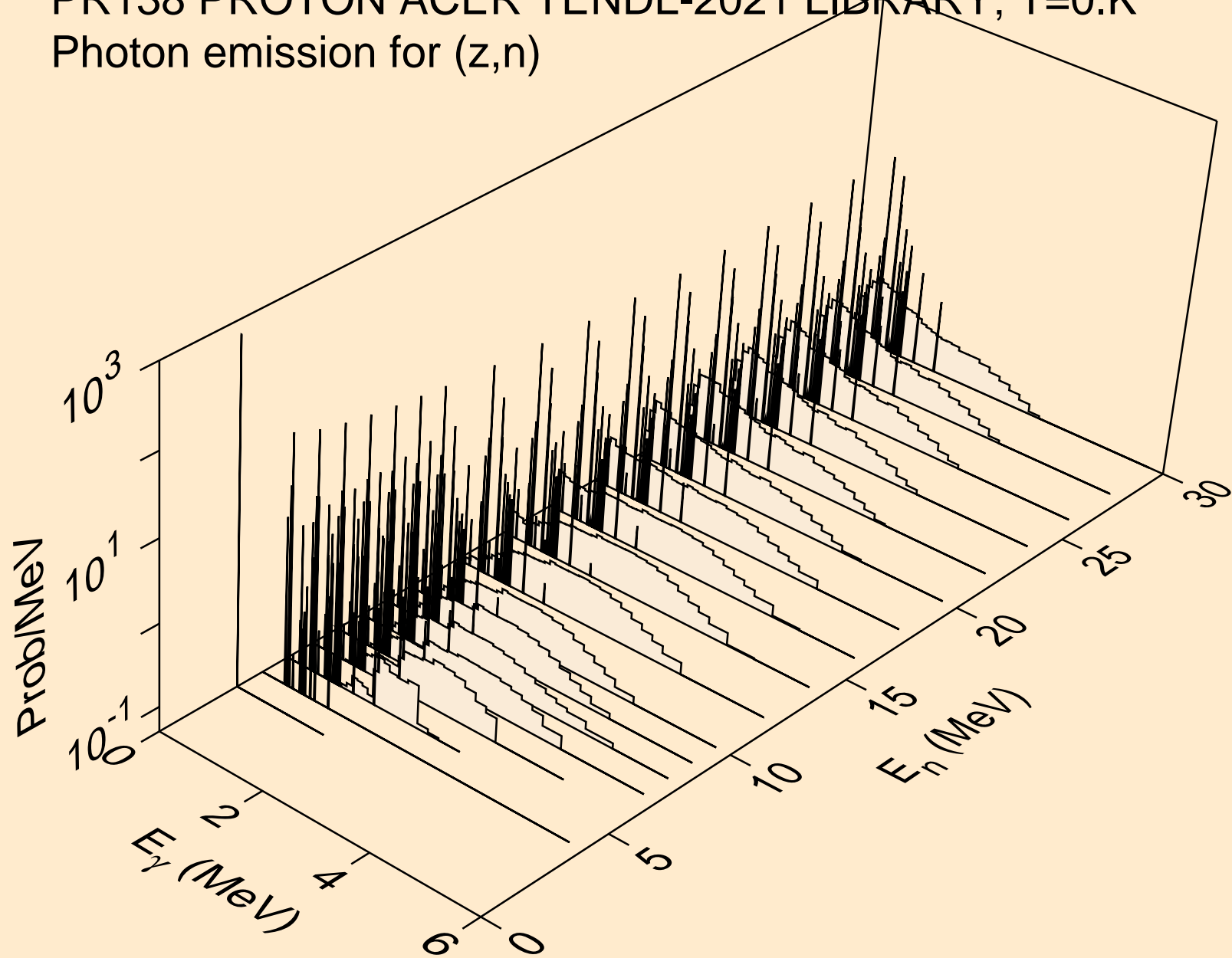
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



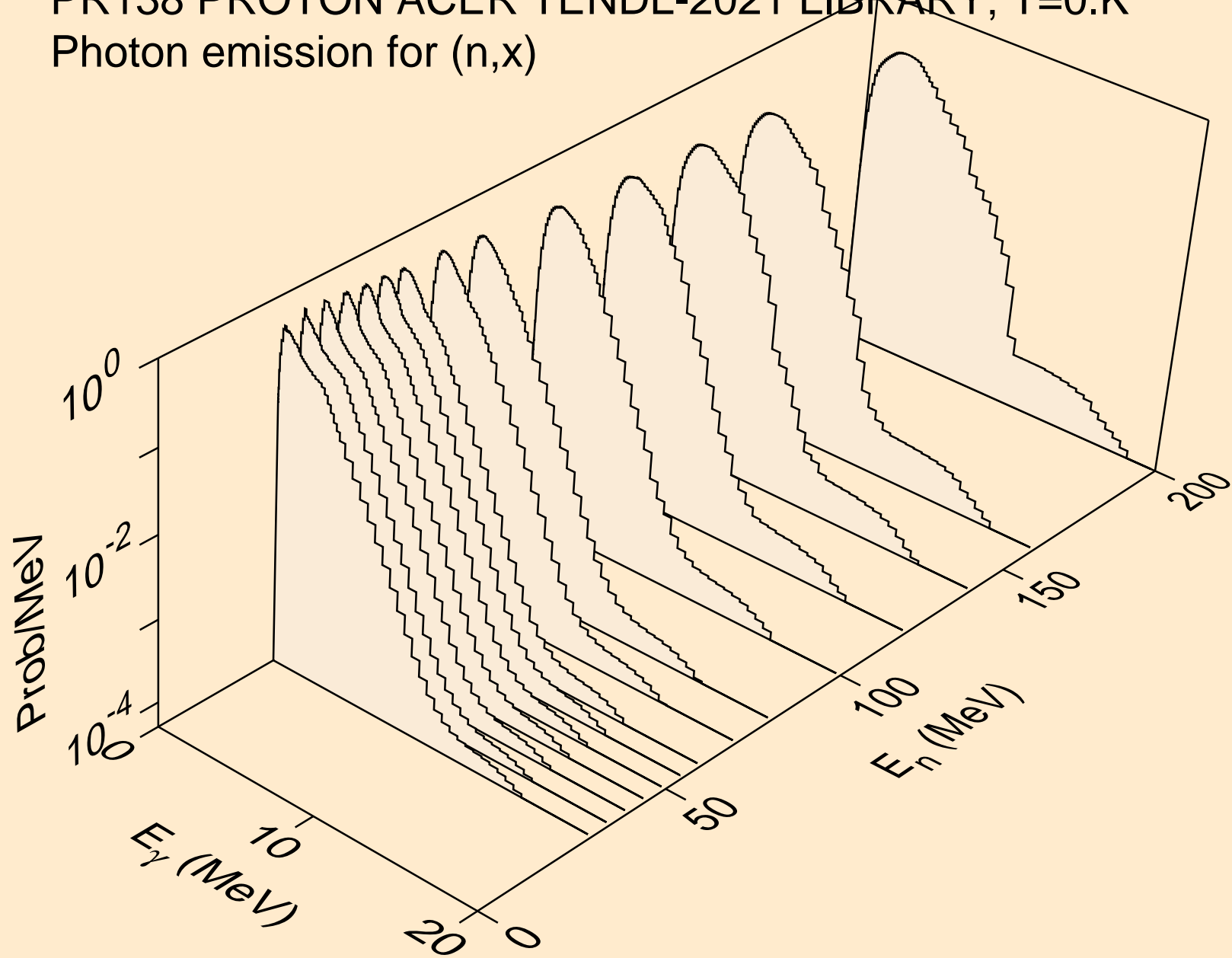
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



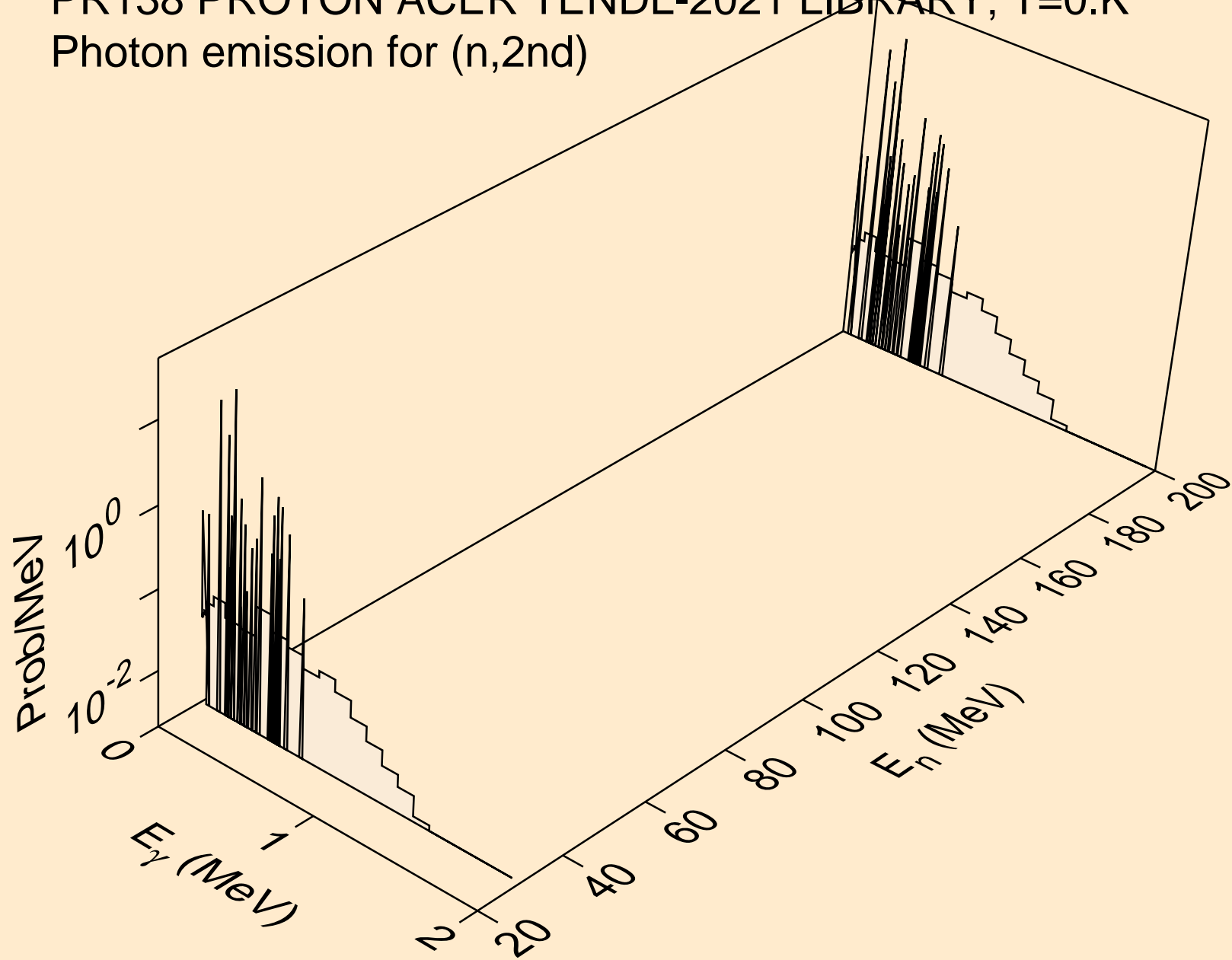
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



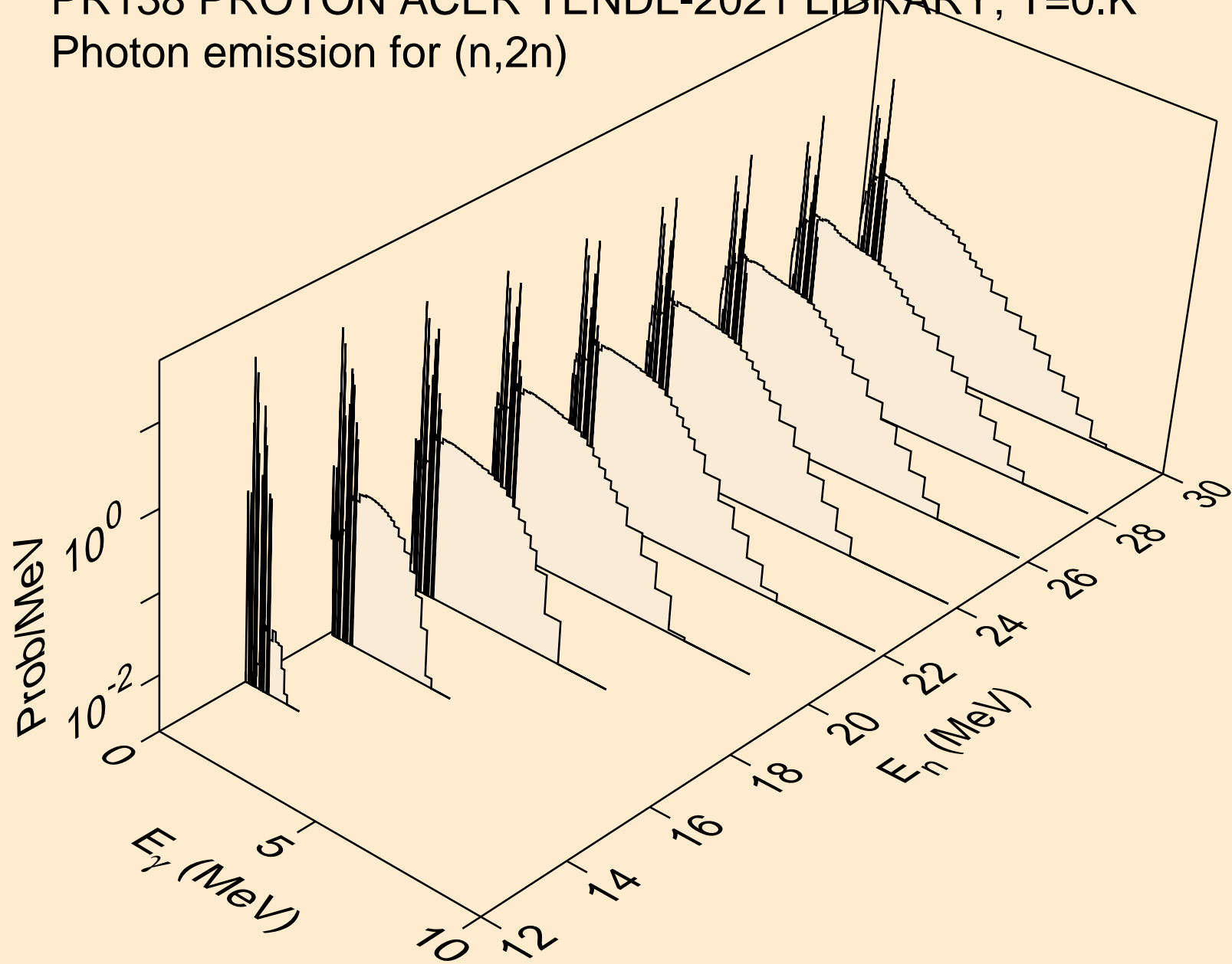
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

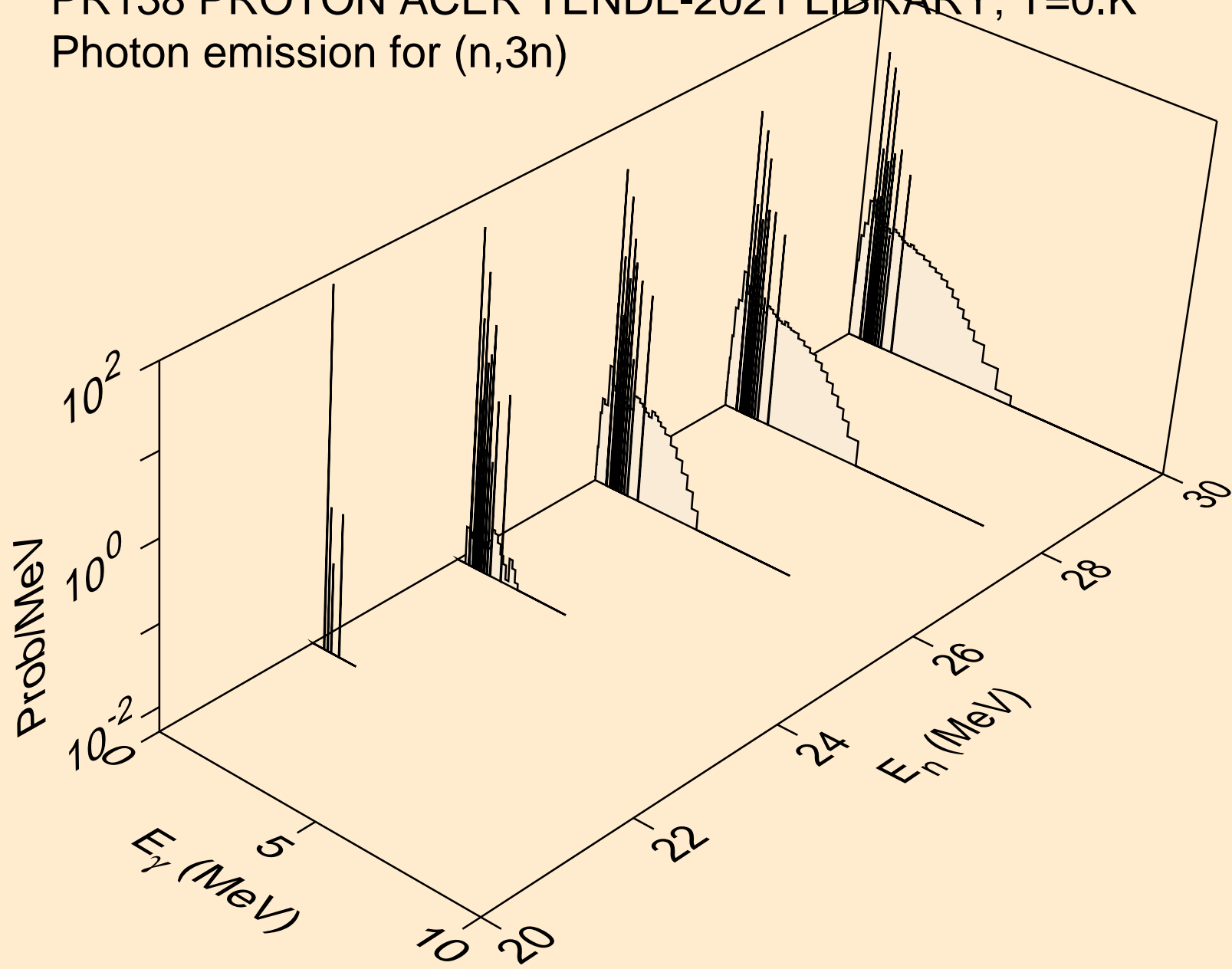


PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

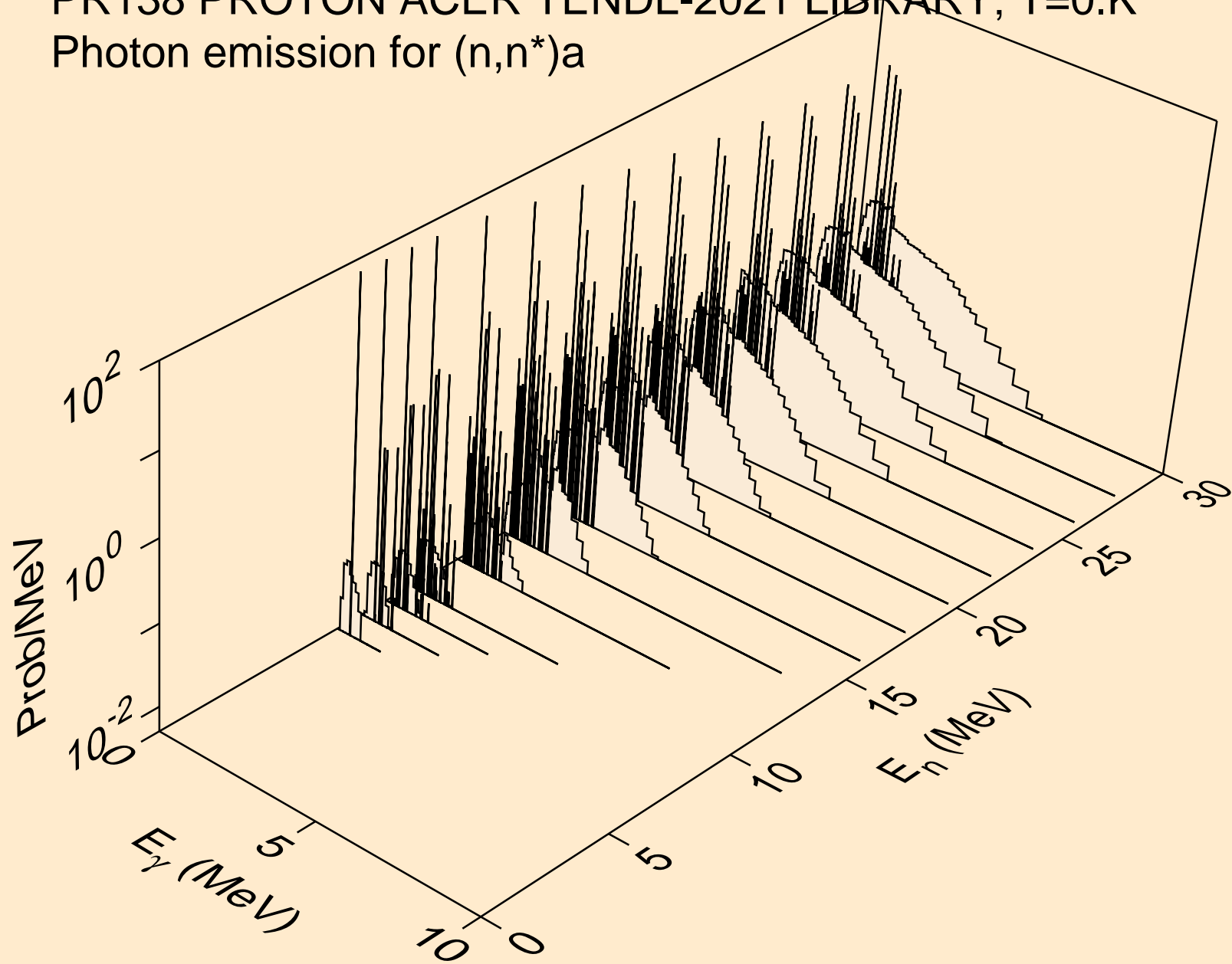




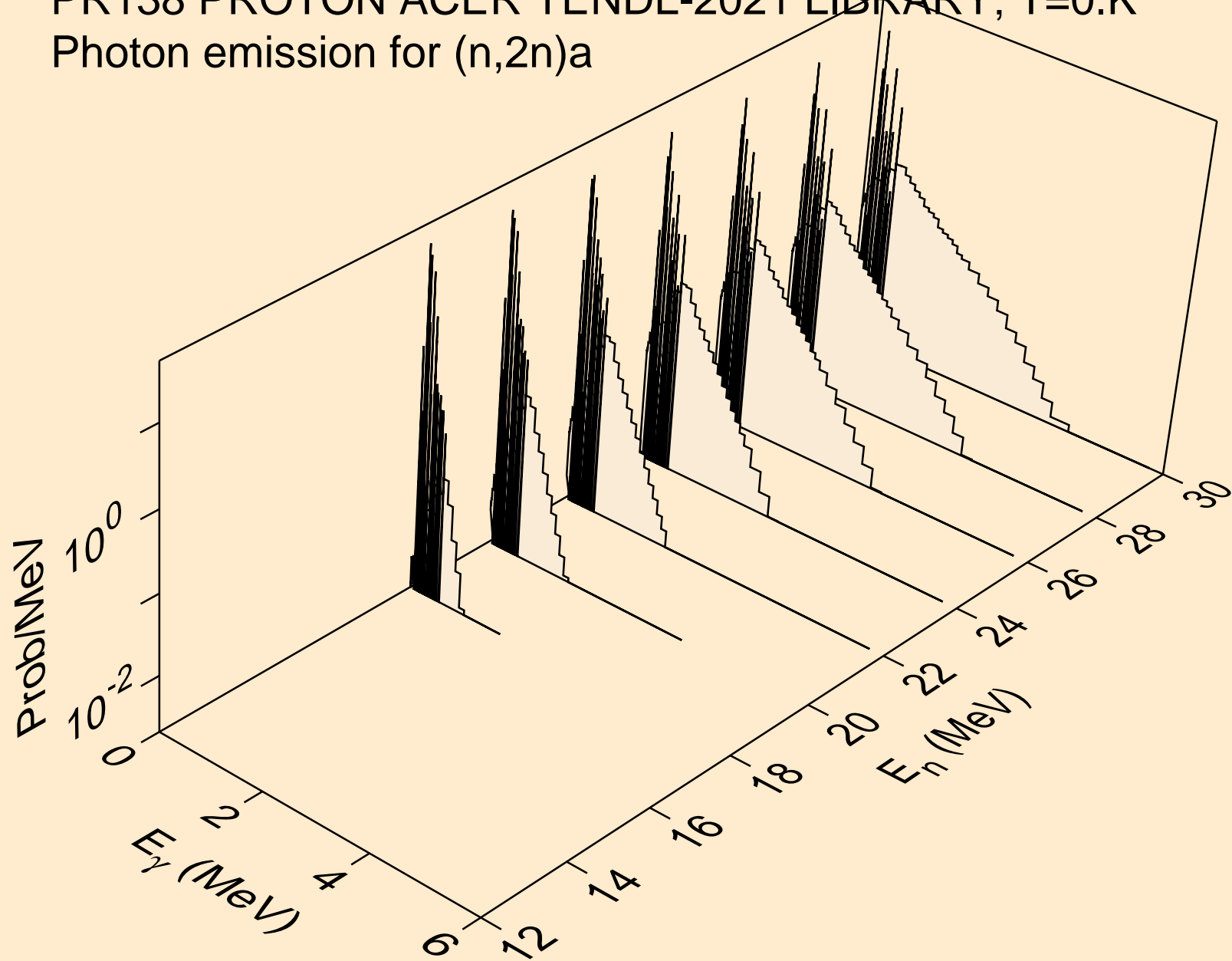
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



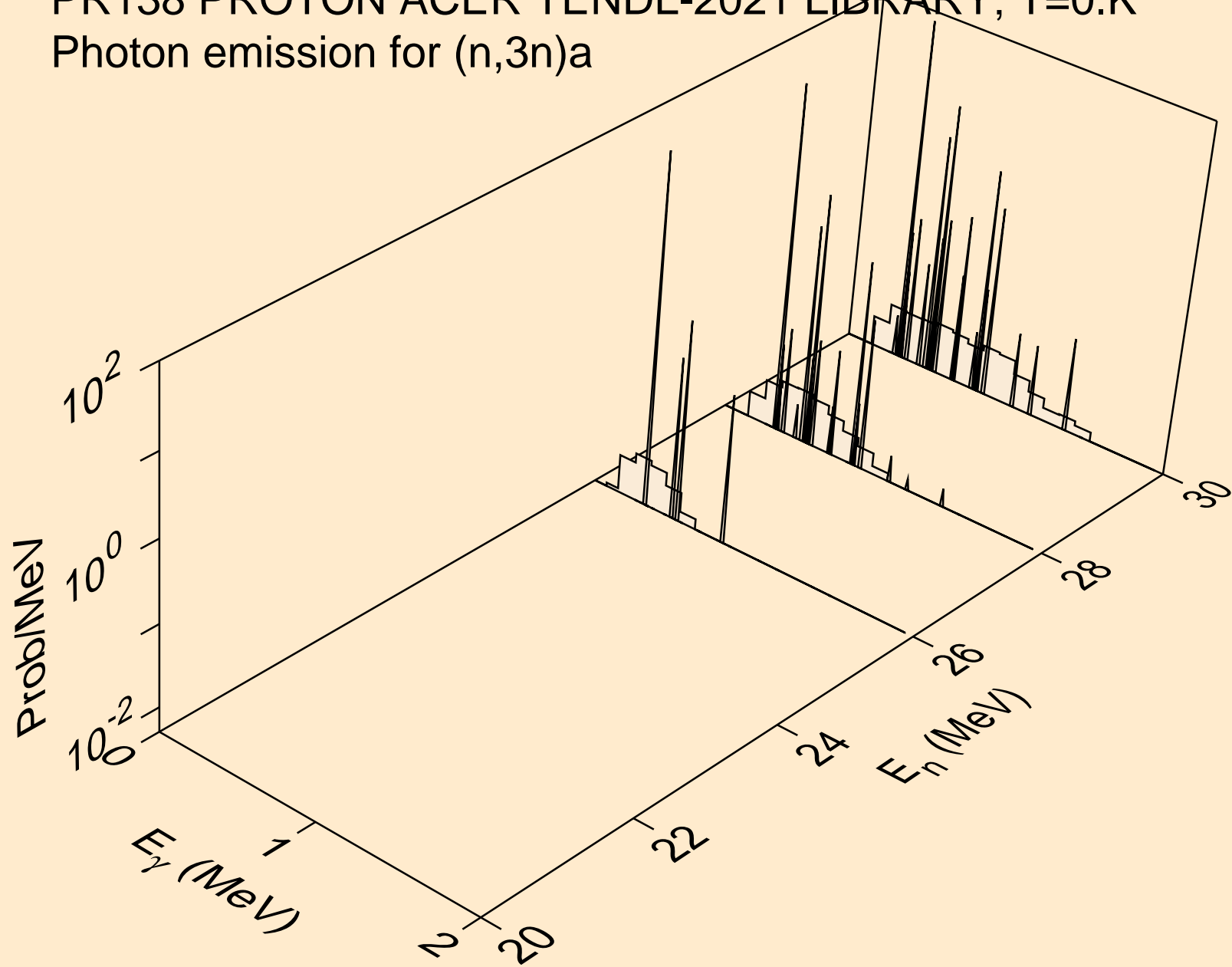
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



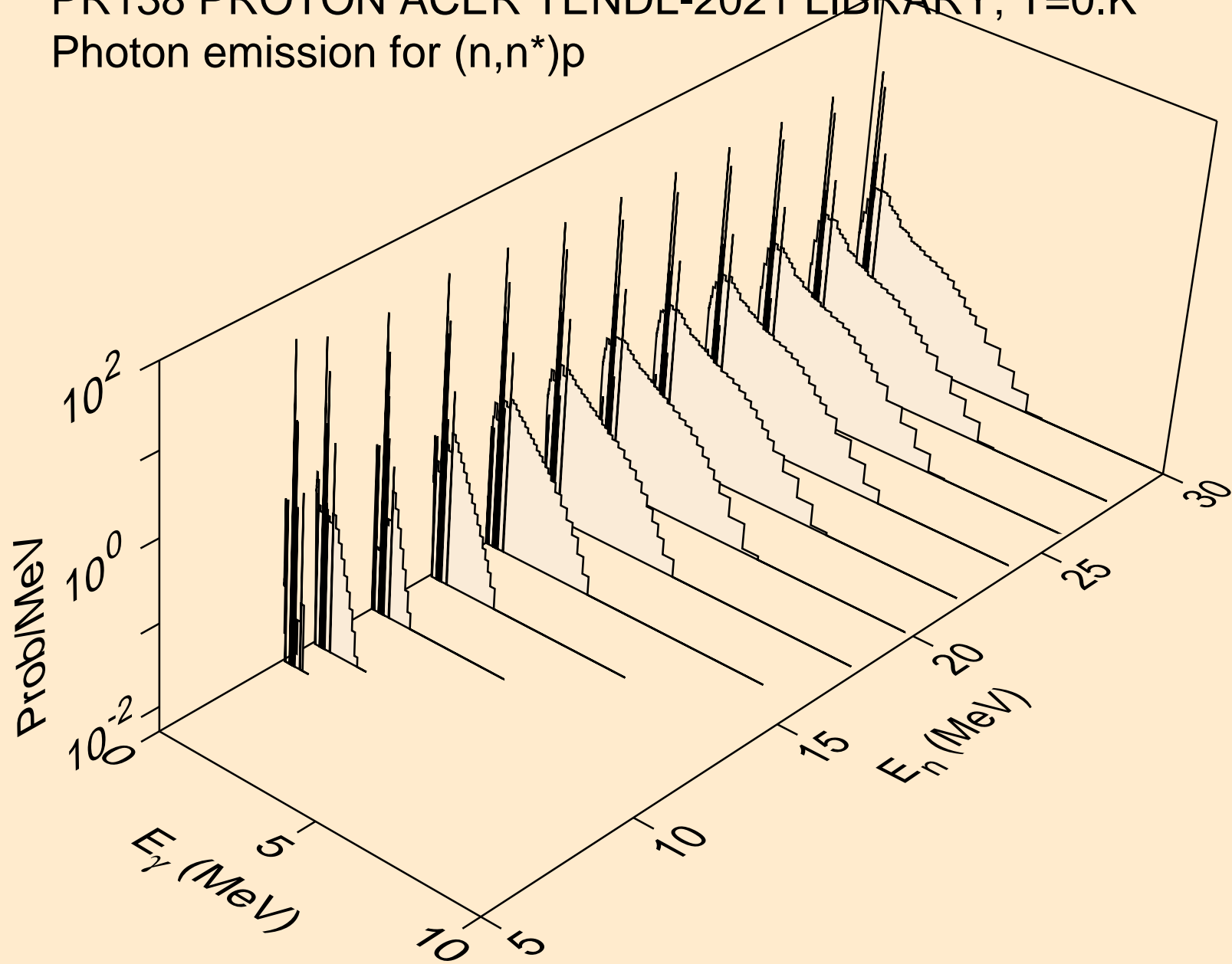
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



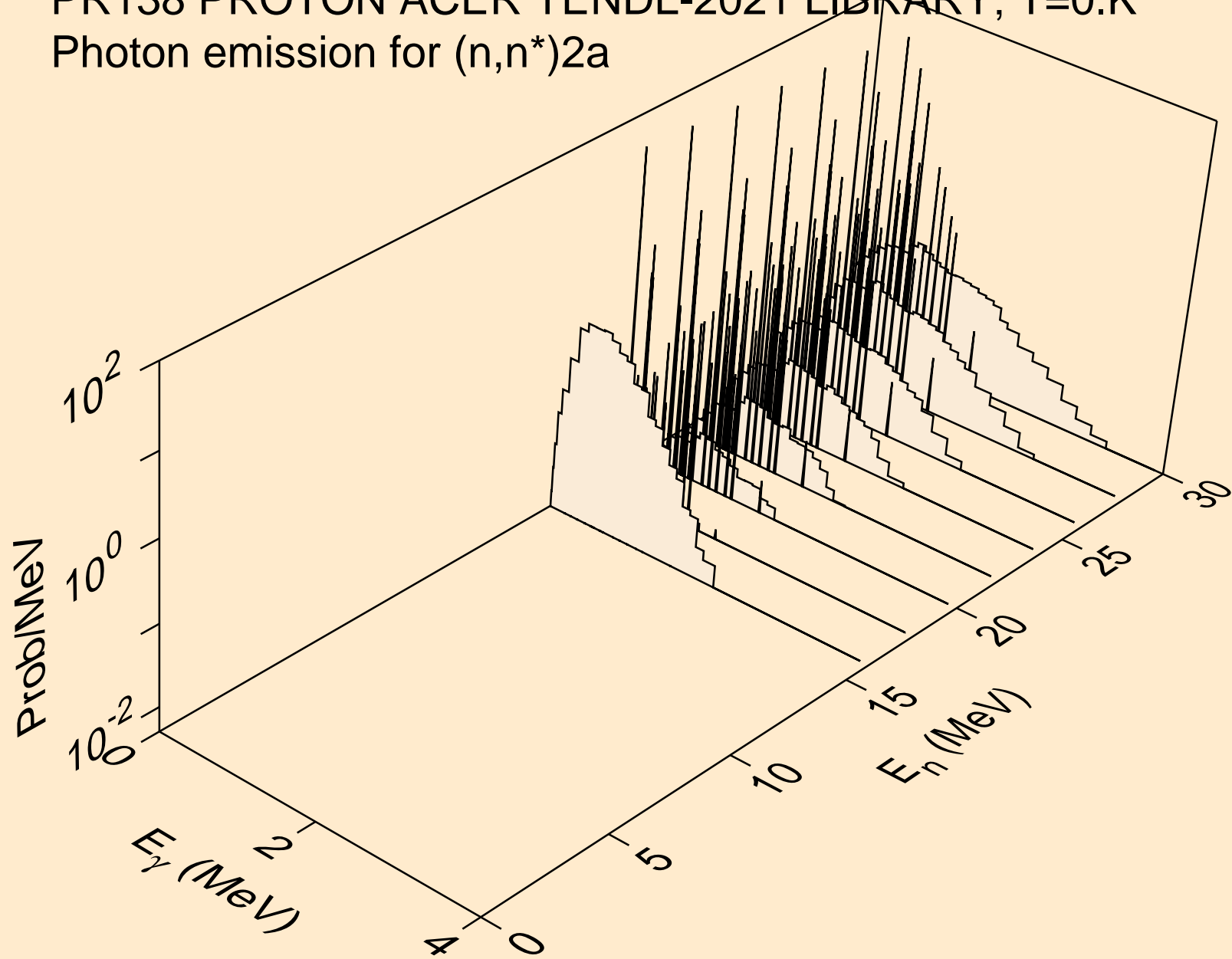
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



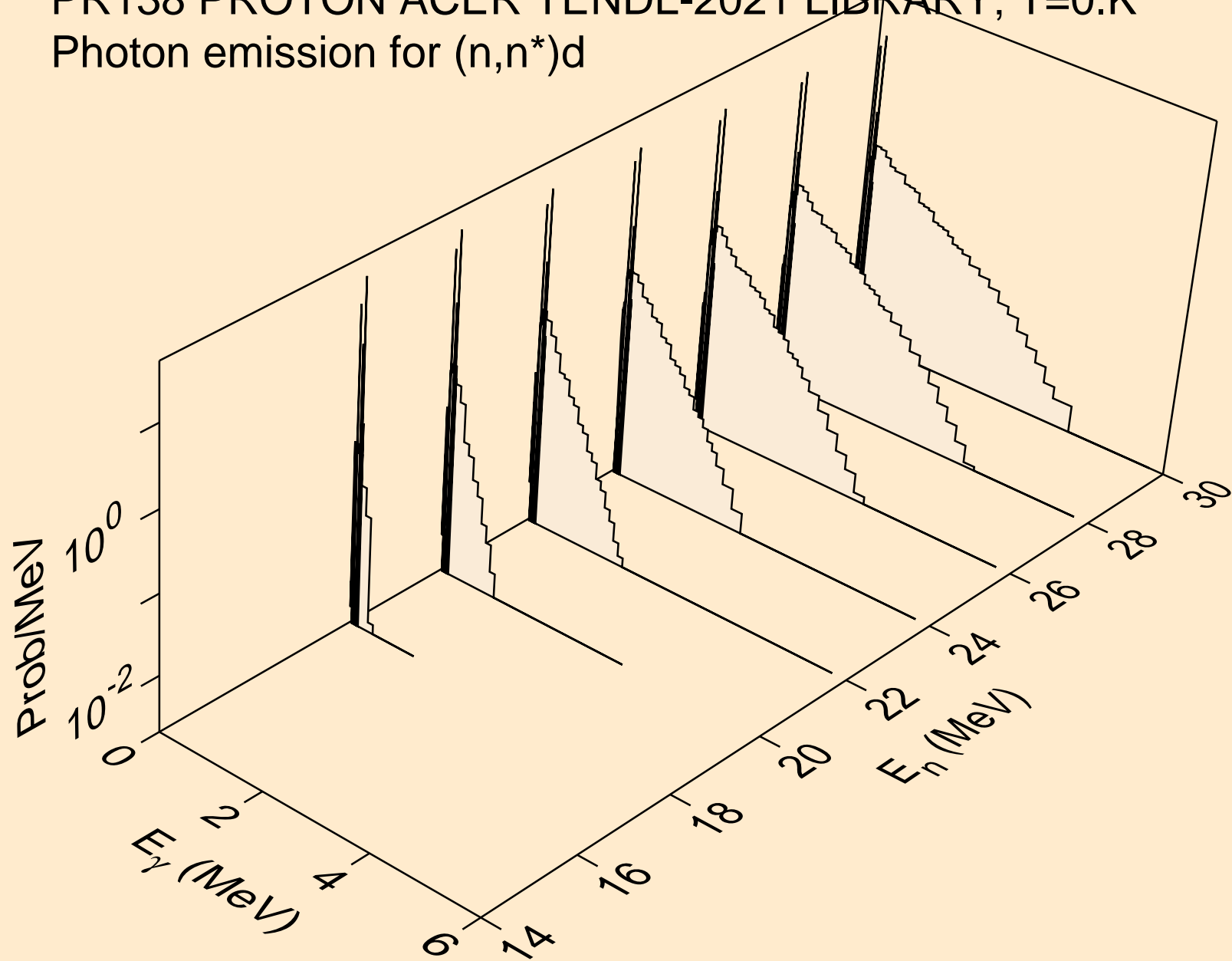
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



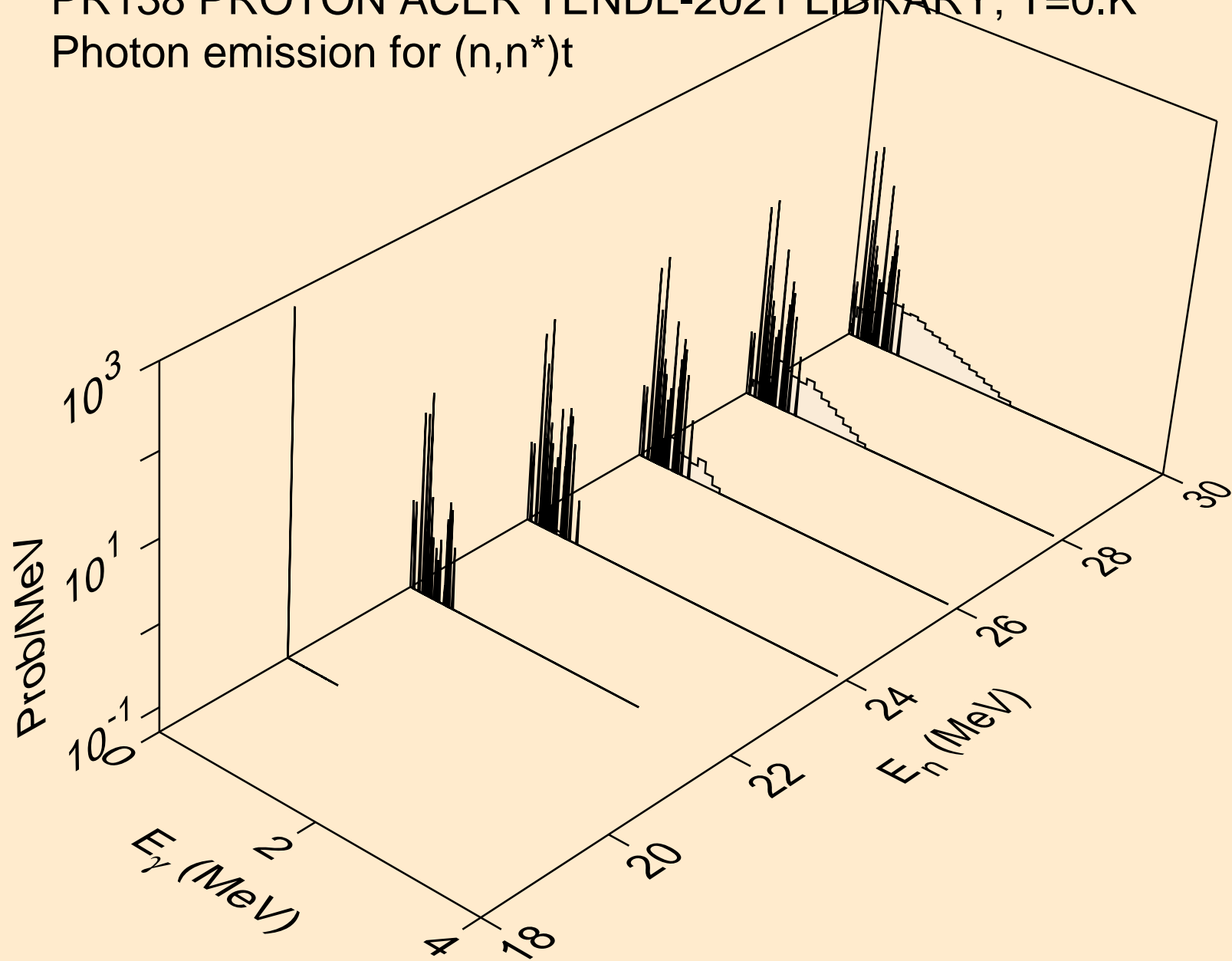
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

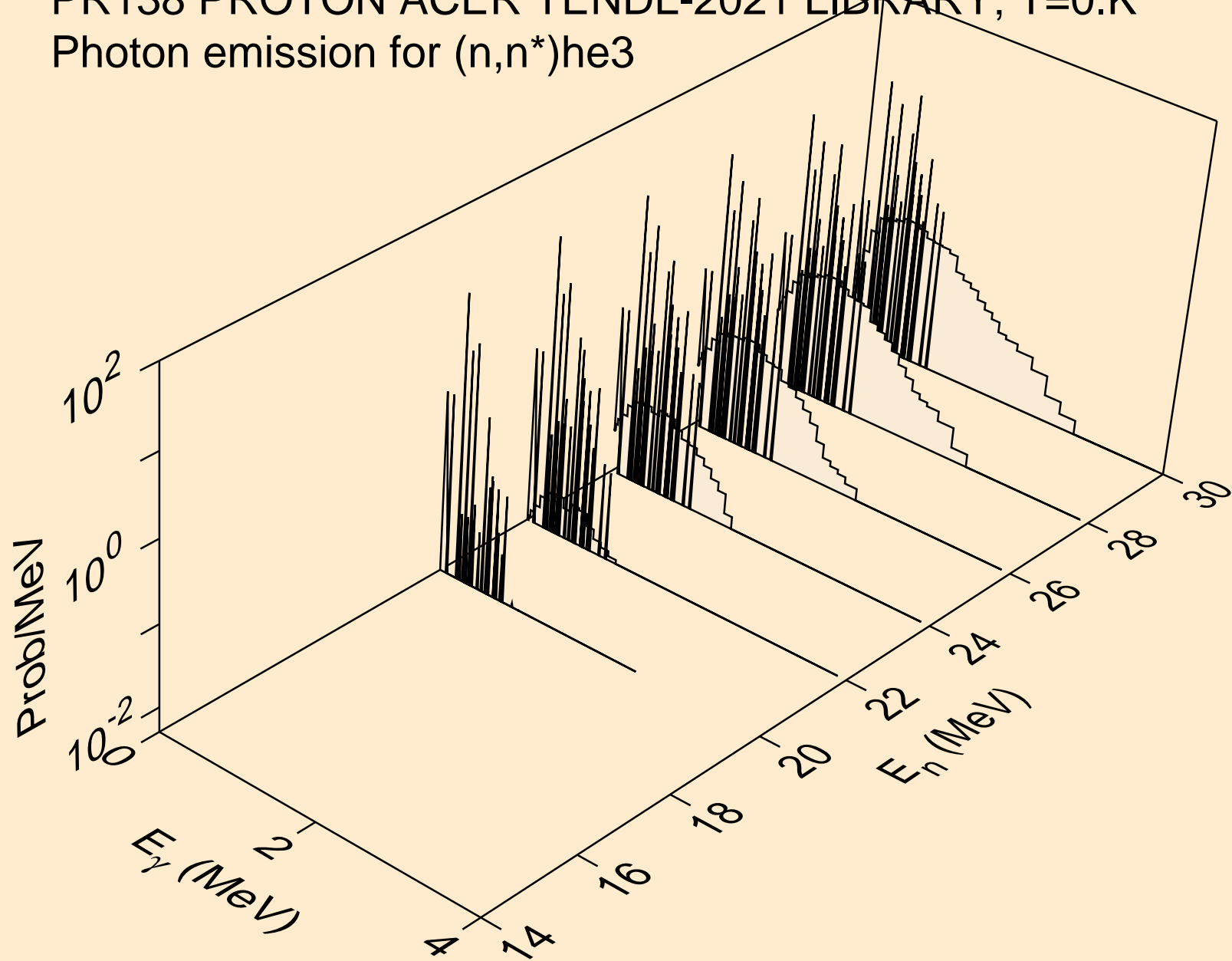


PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

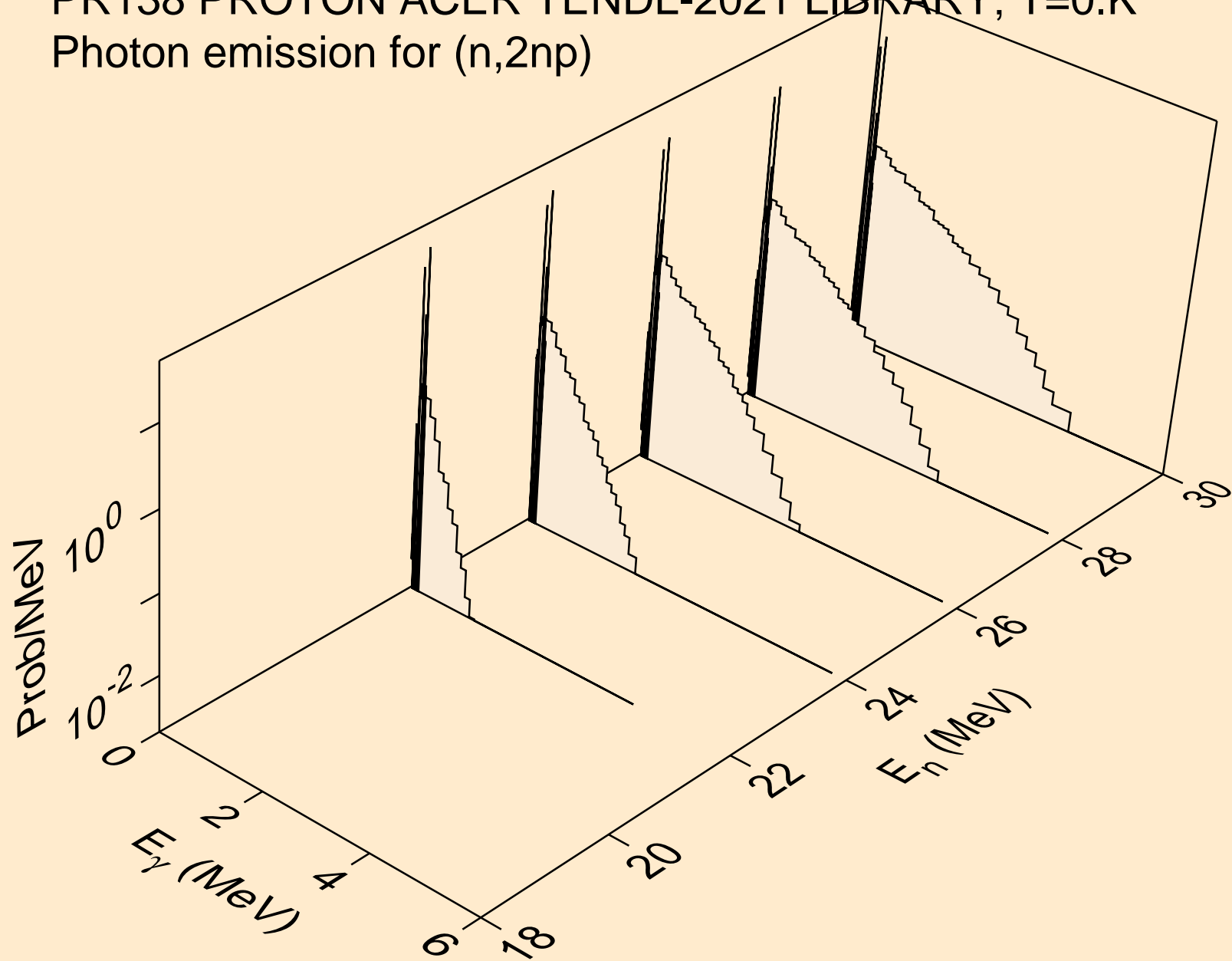




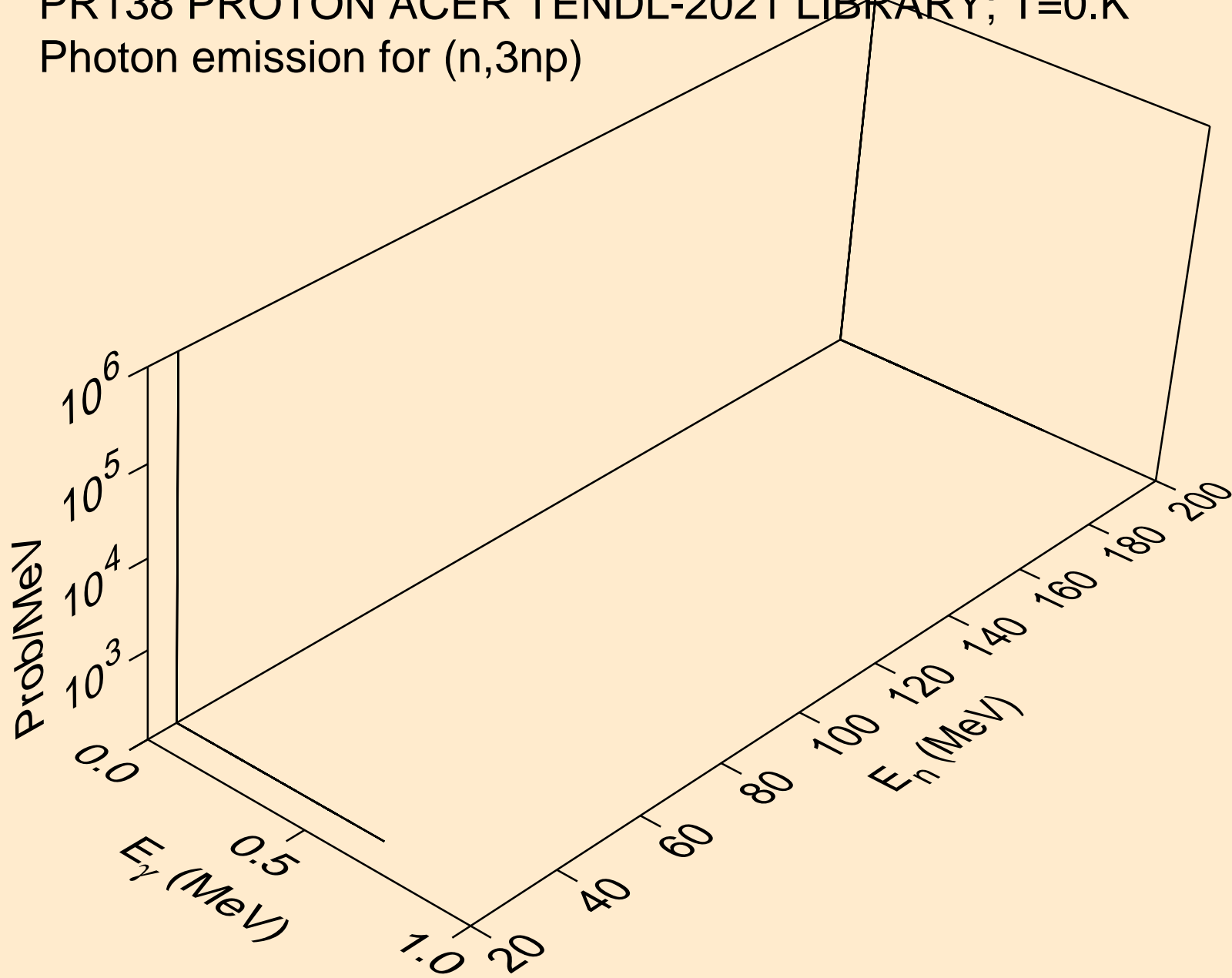
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



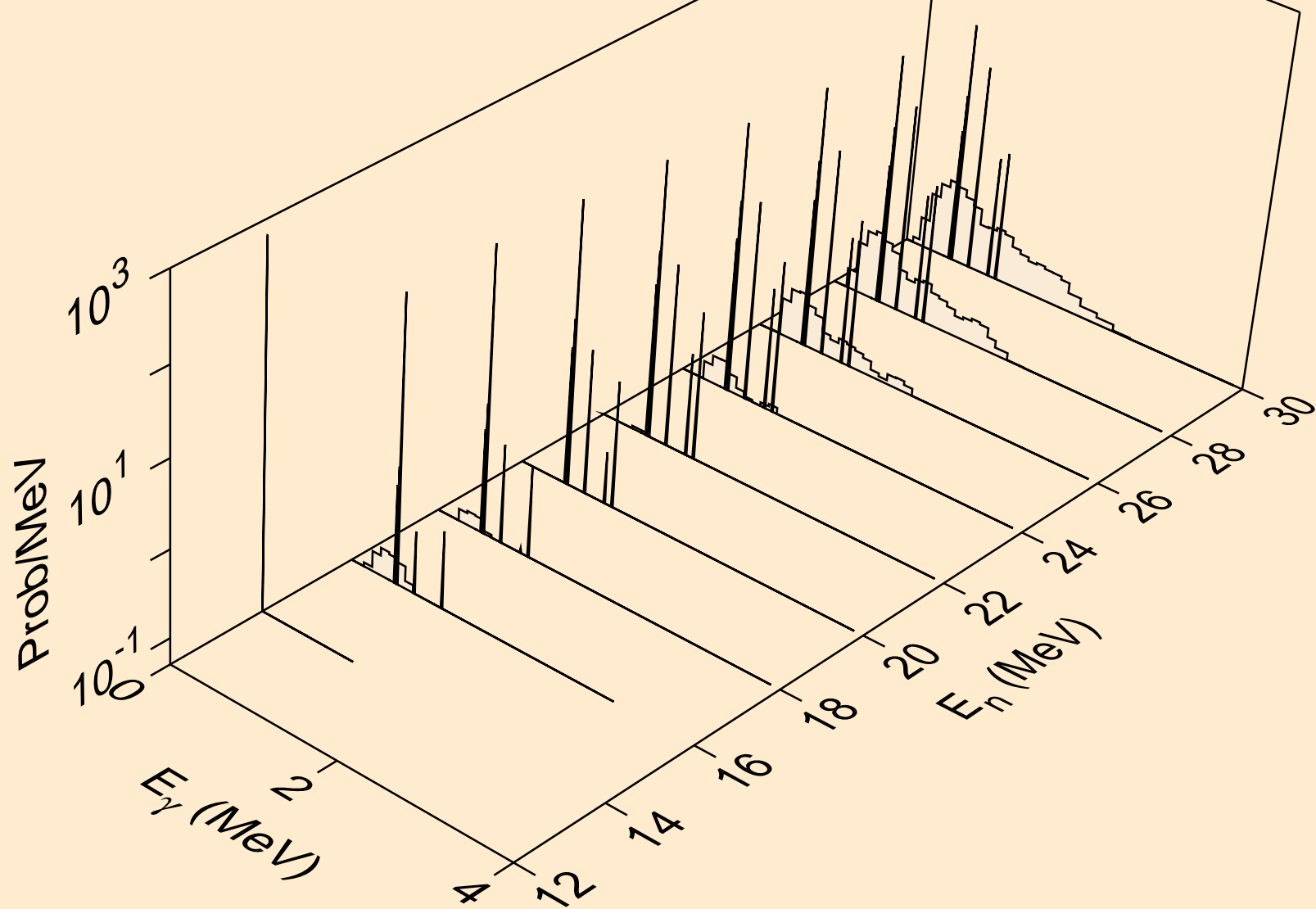
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



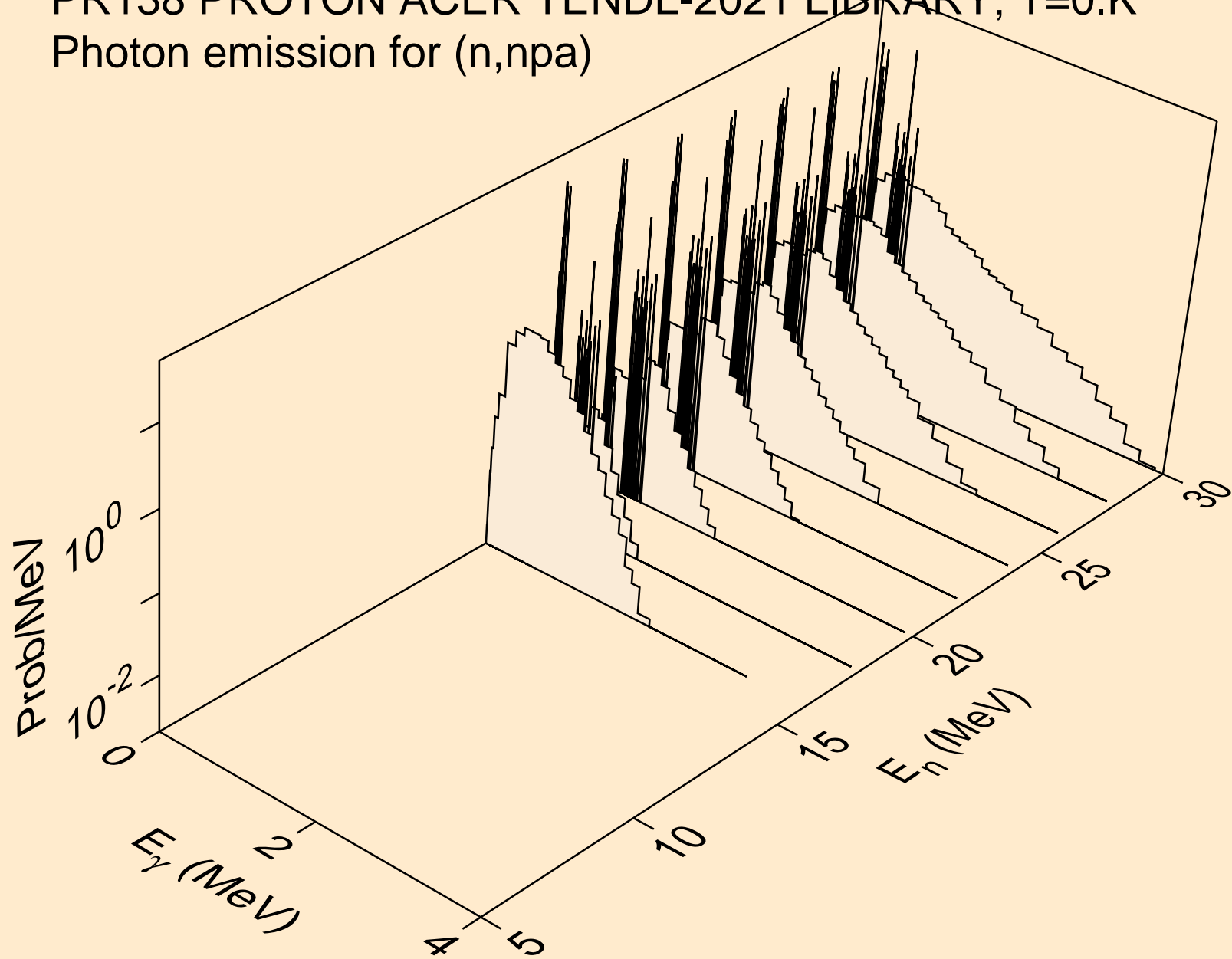
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)



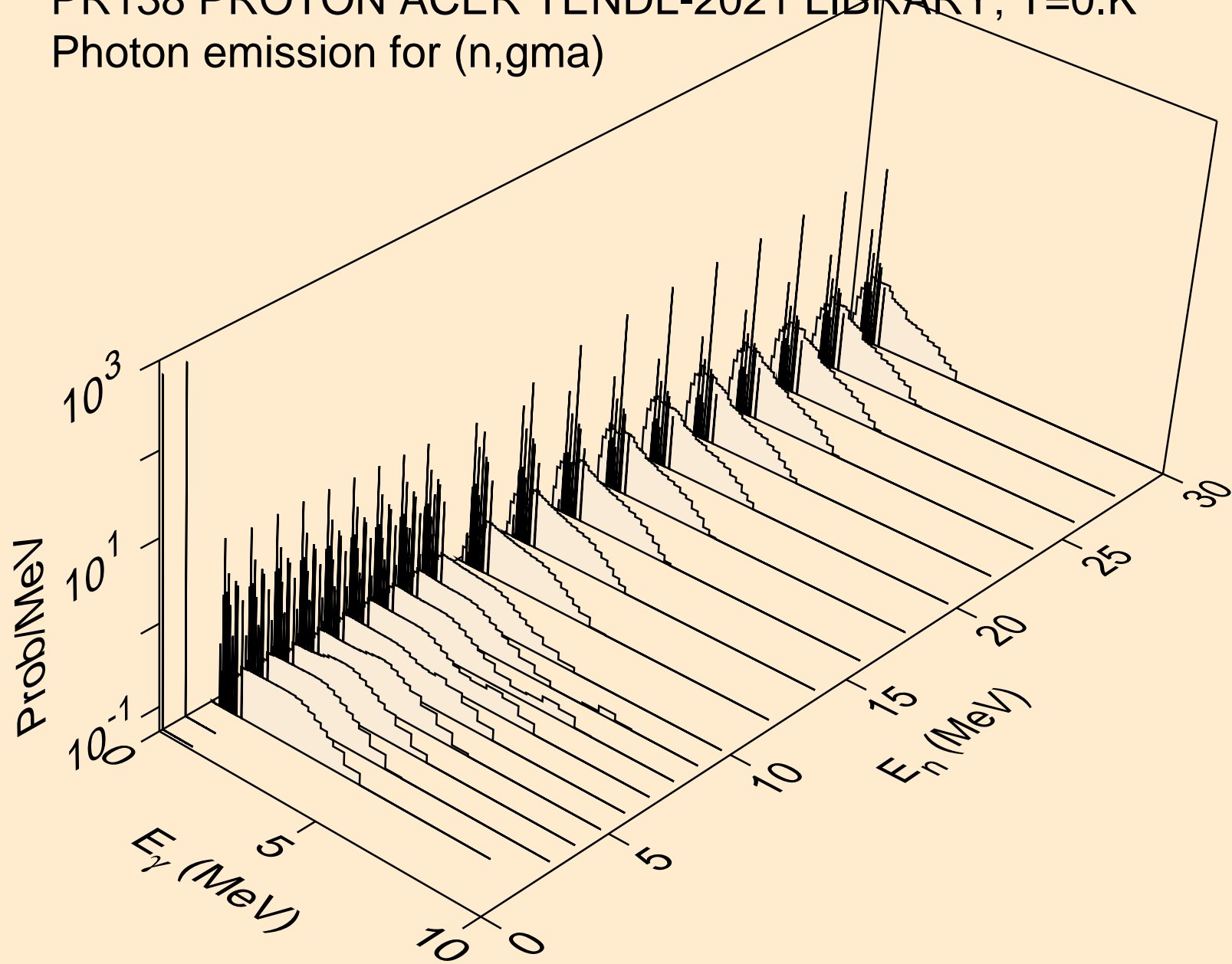
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



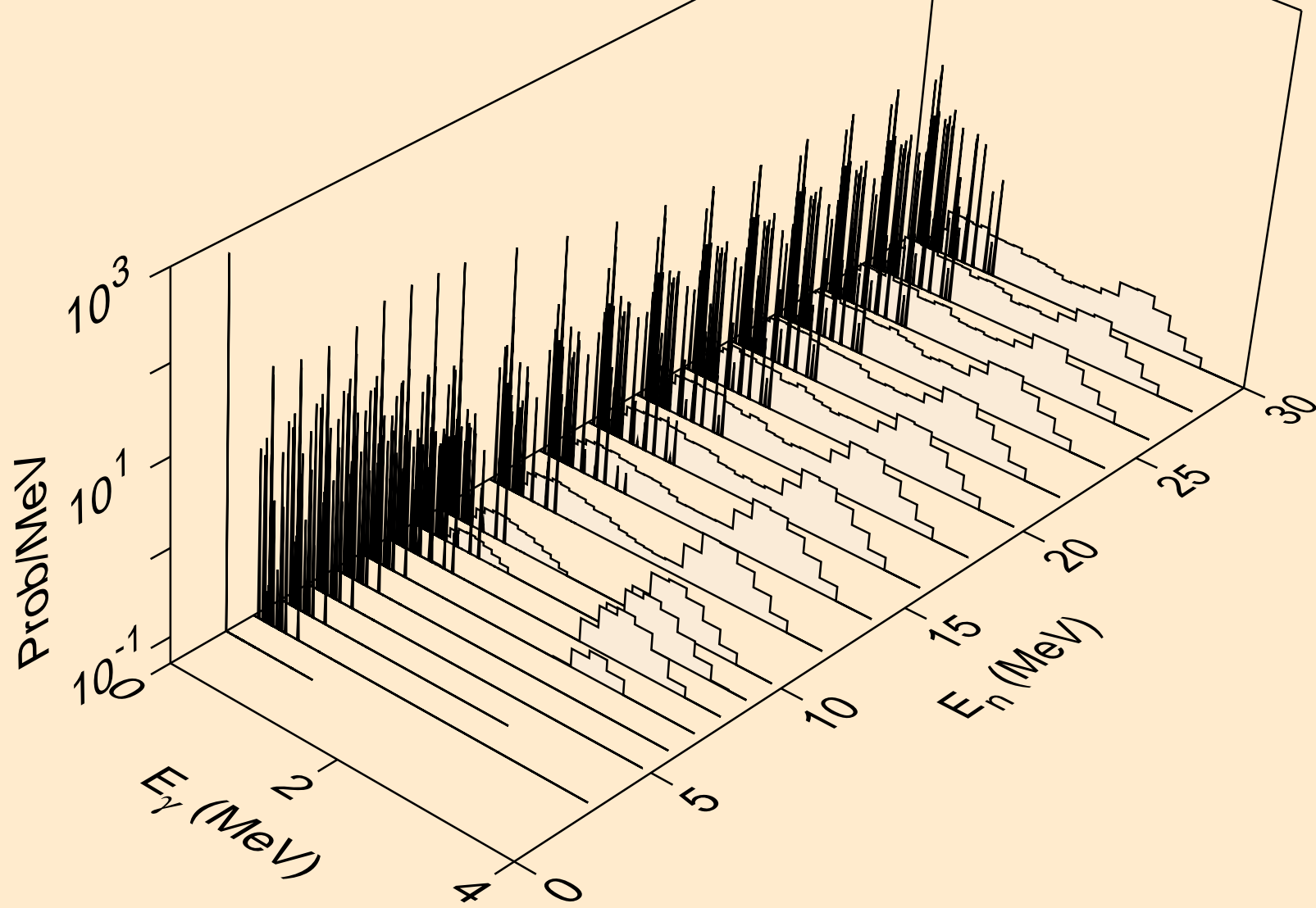
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



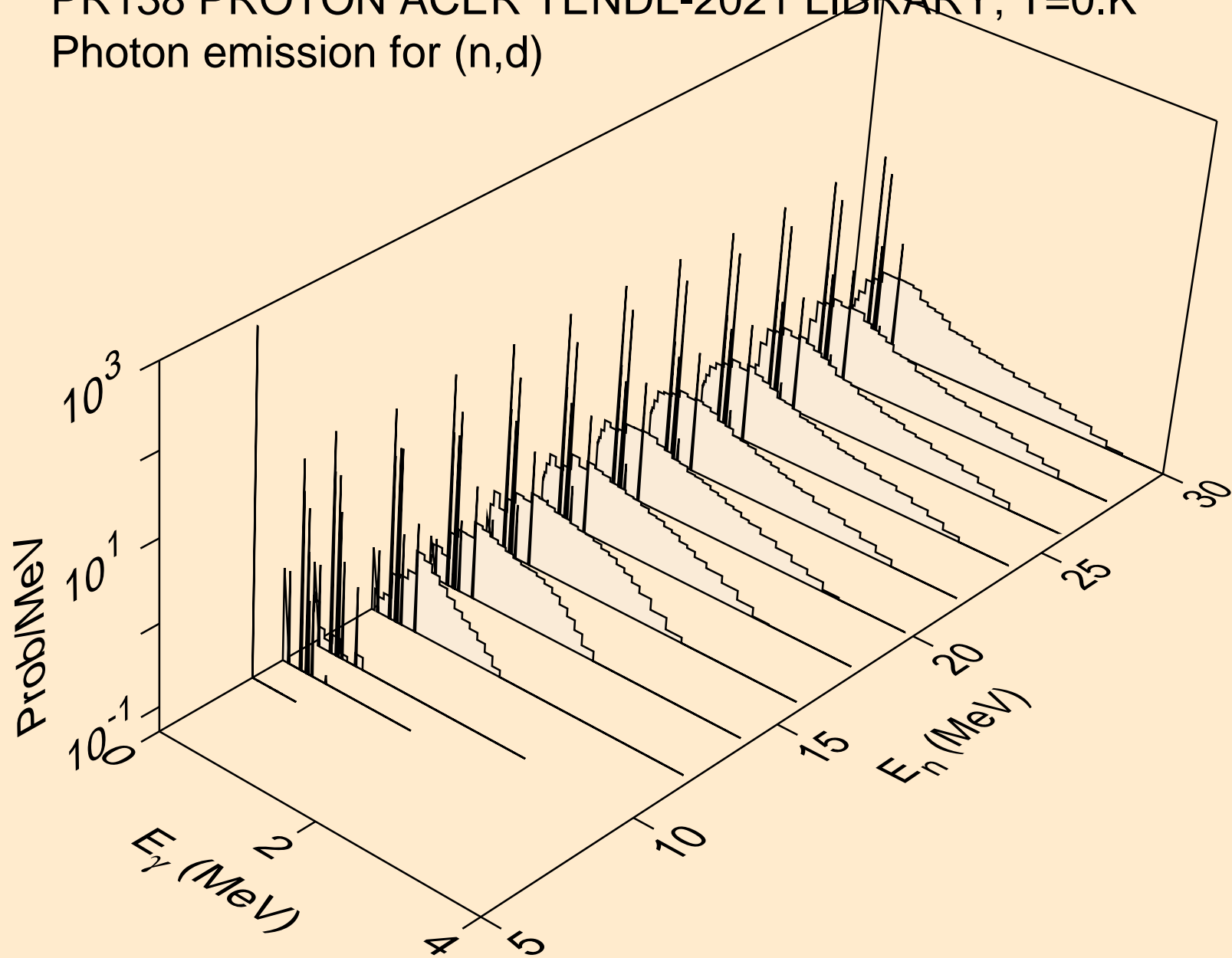
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

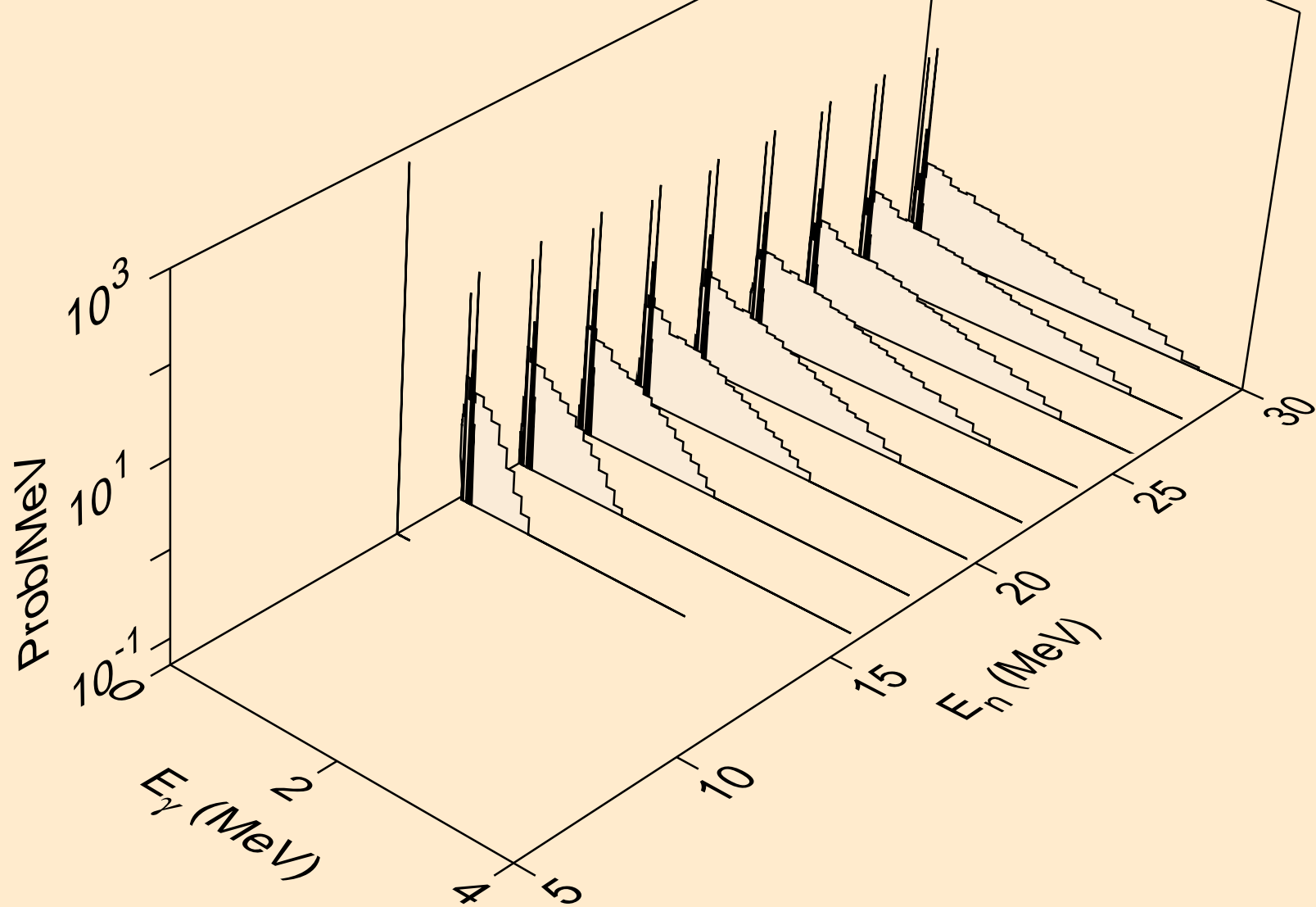


PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

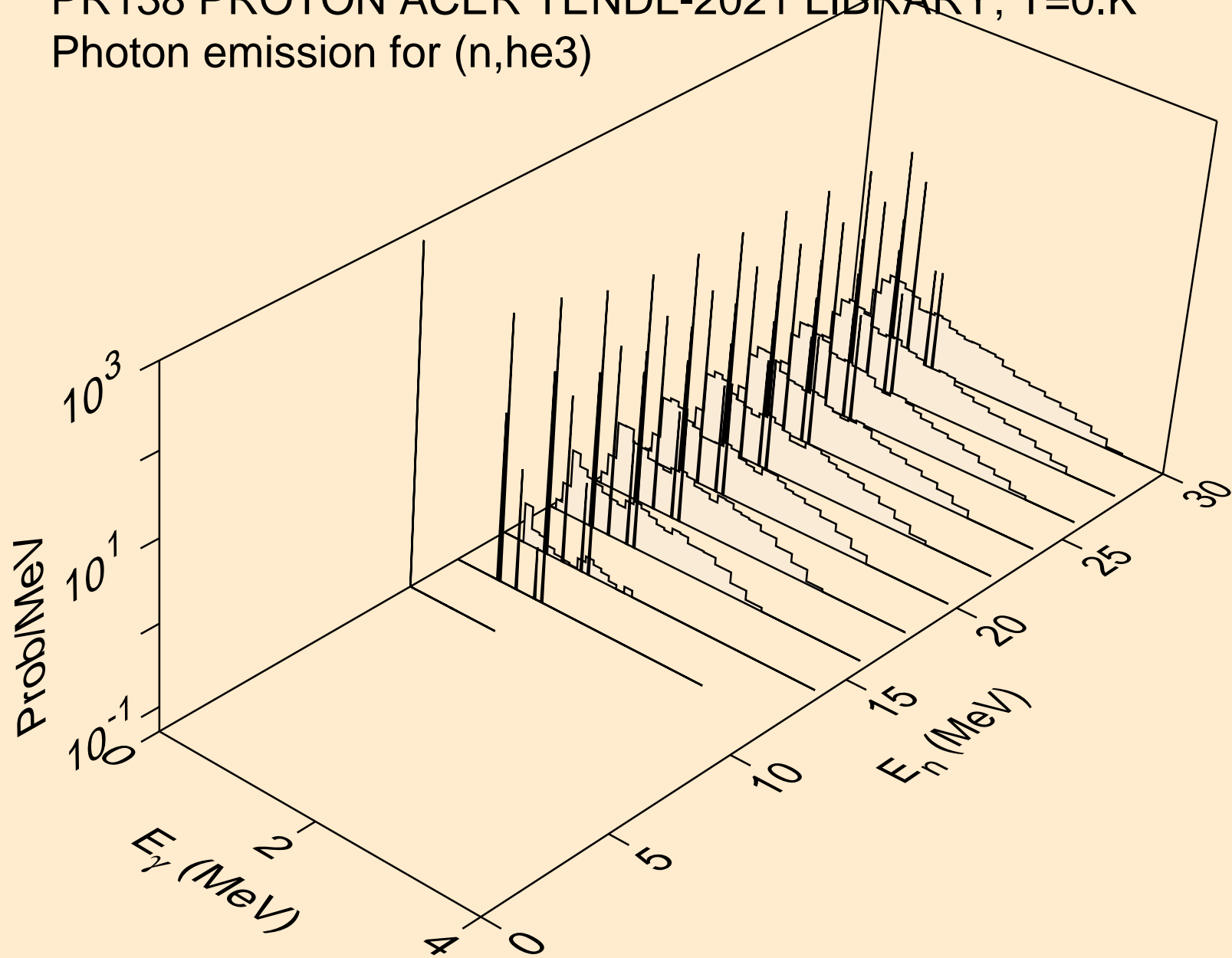




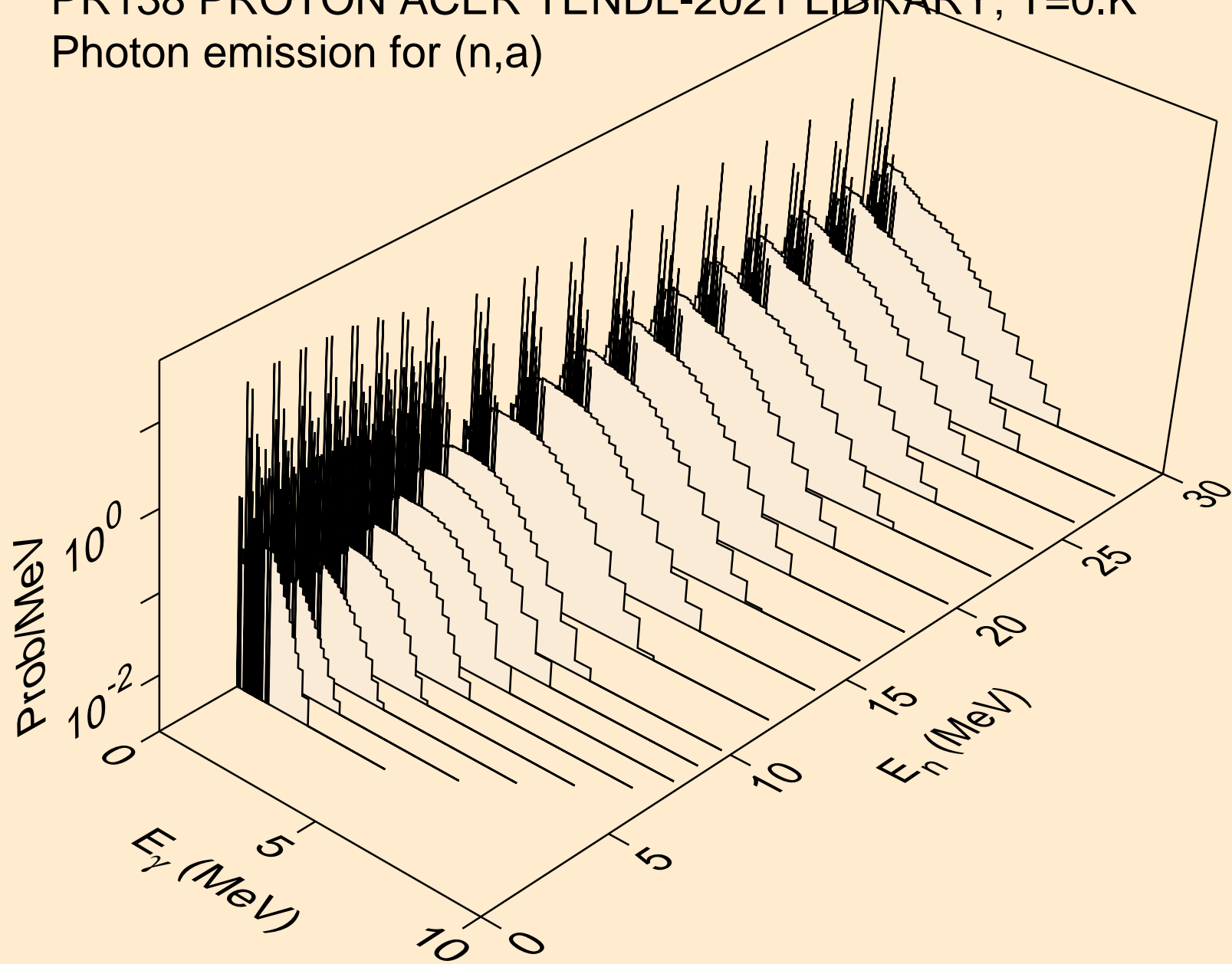
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



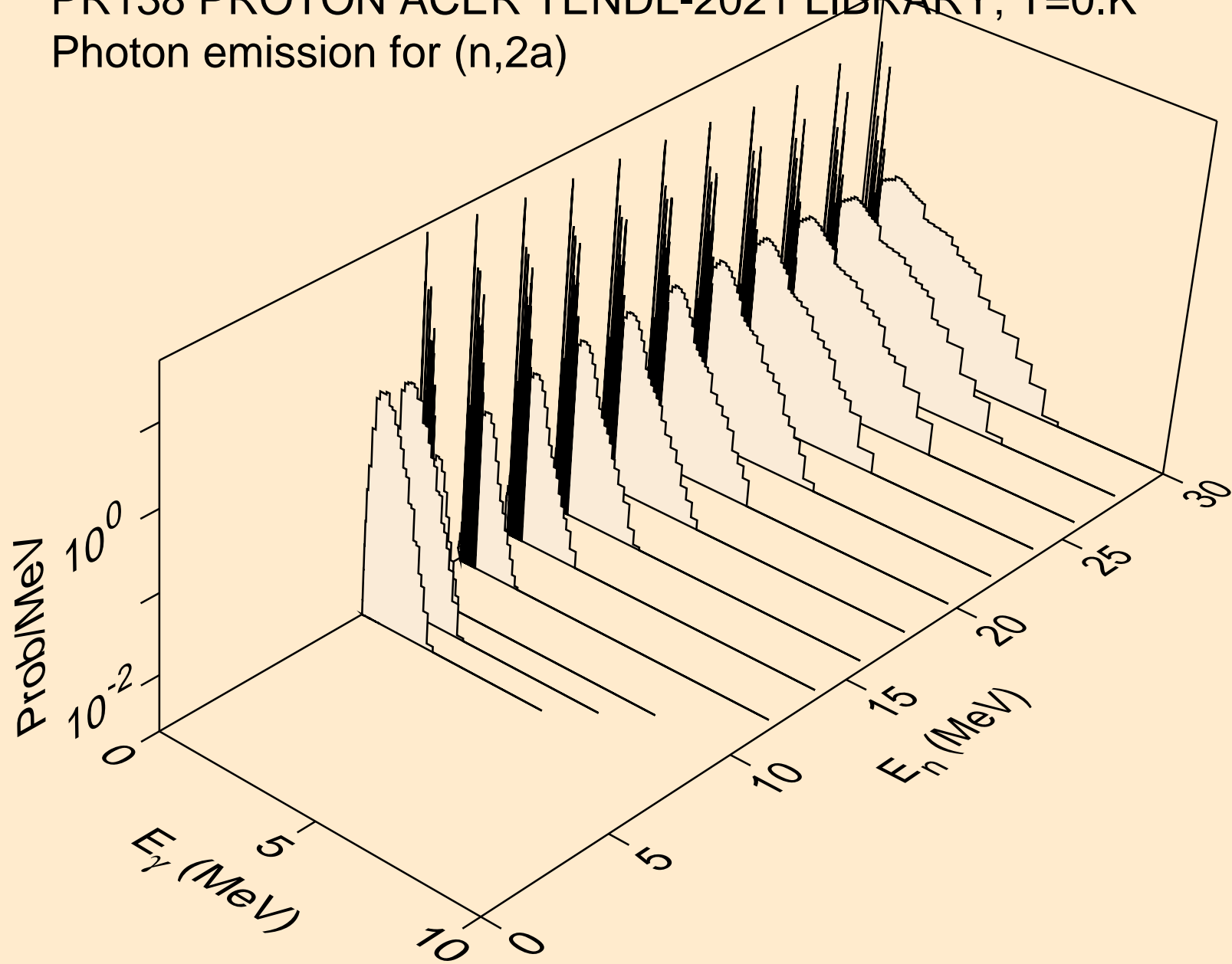
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



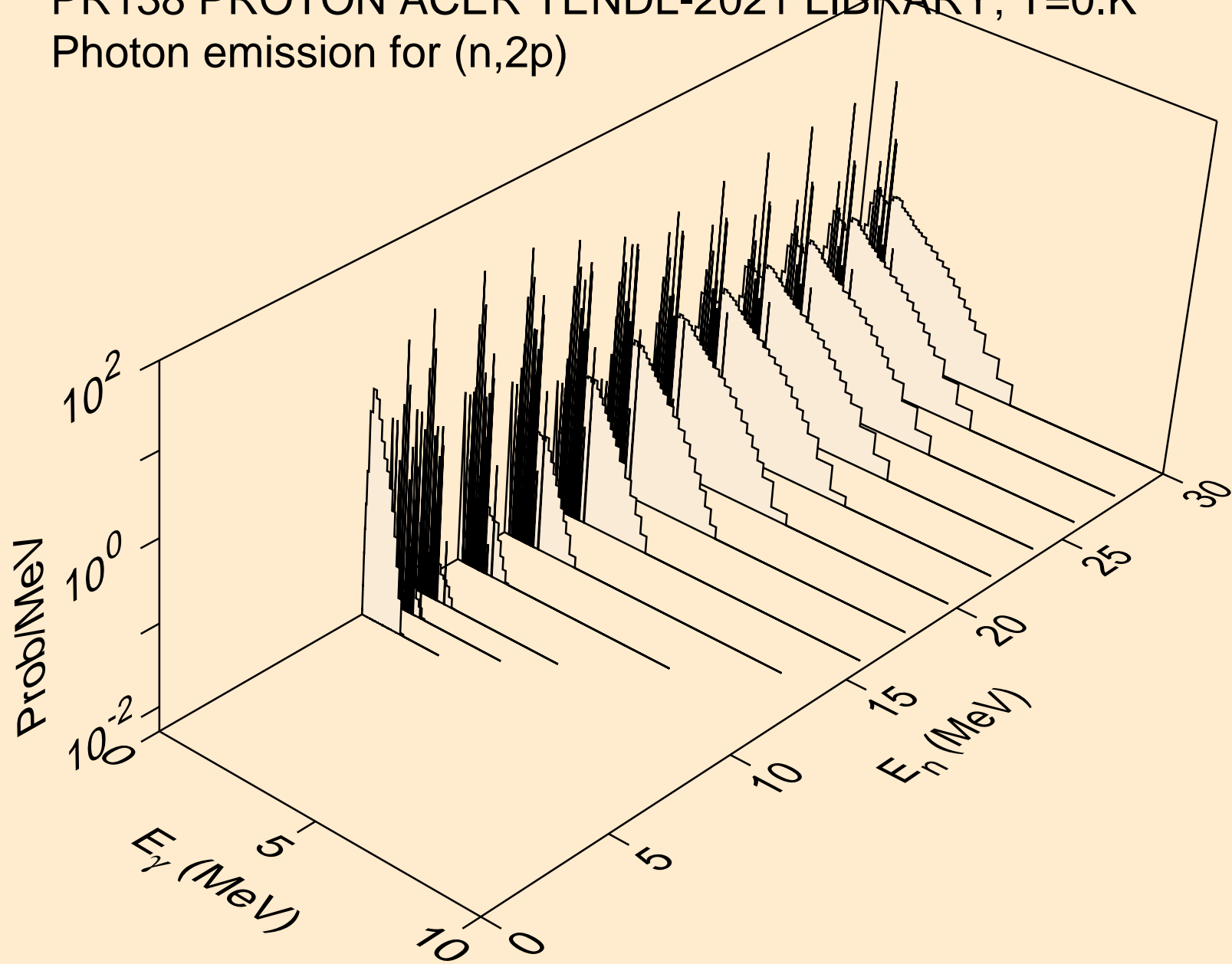
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)



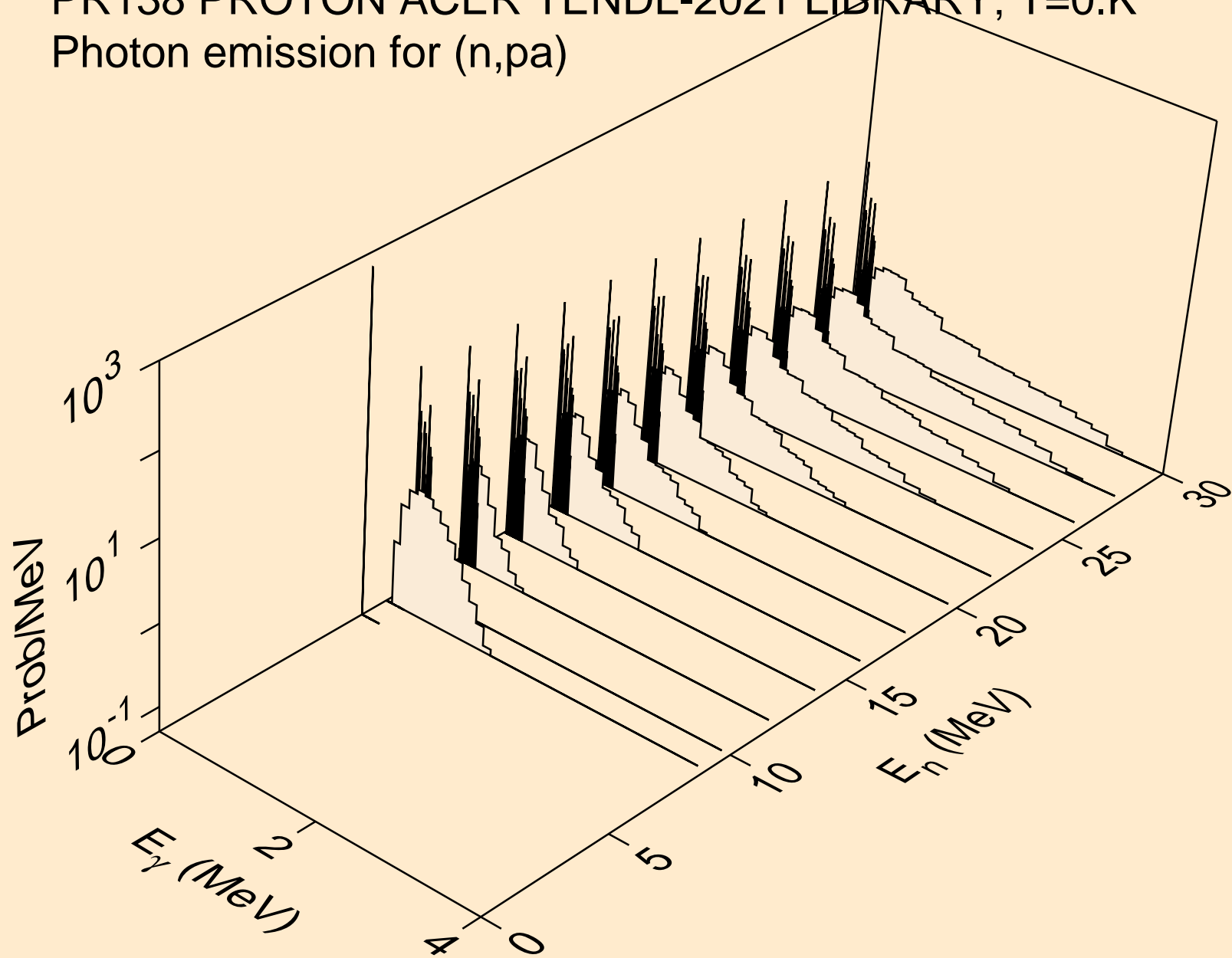
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Photon emission for (n,2a)



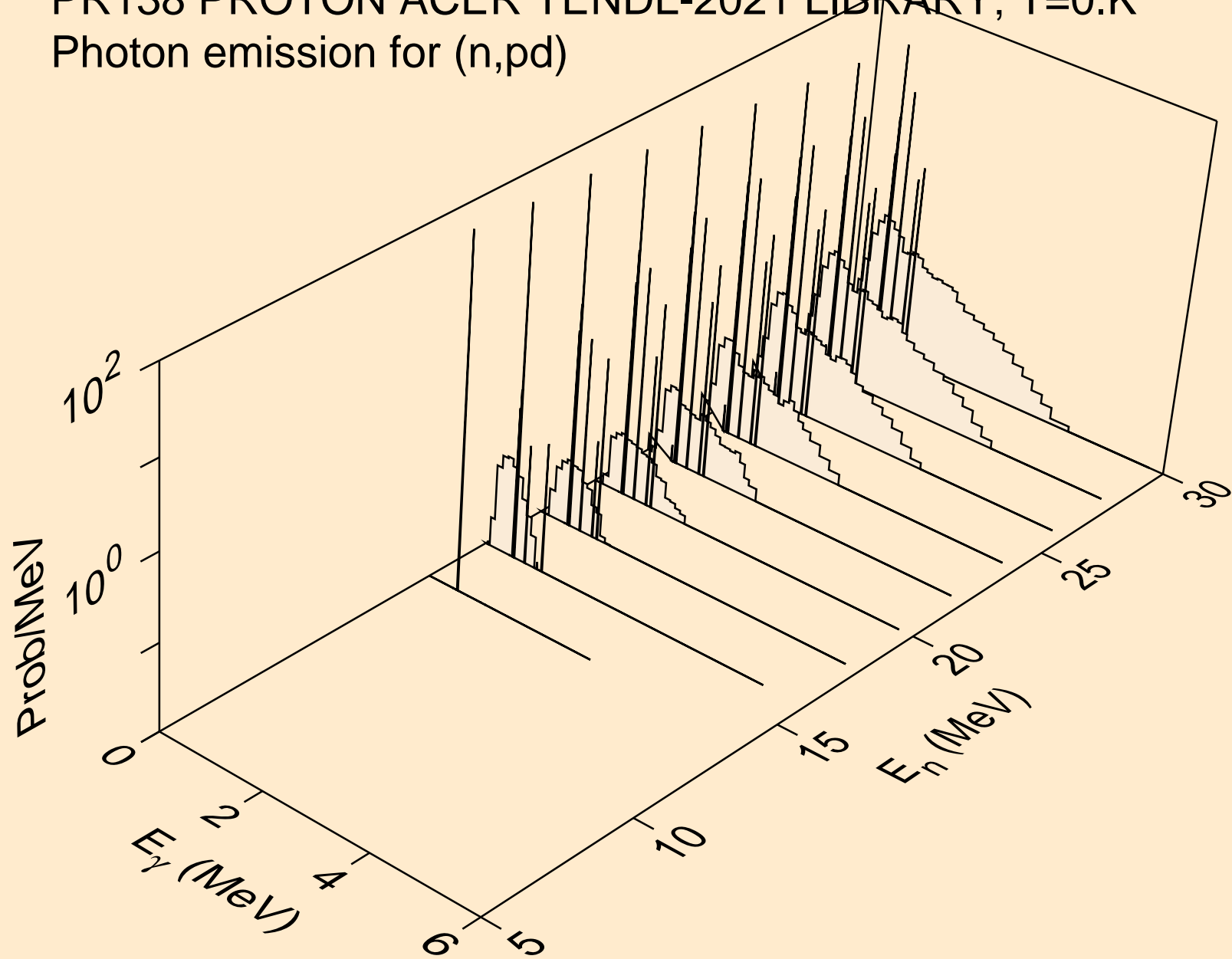
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



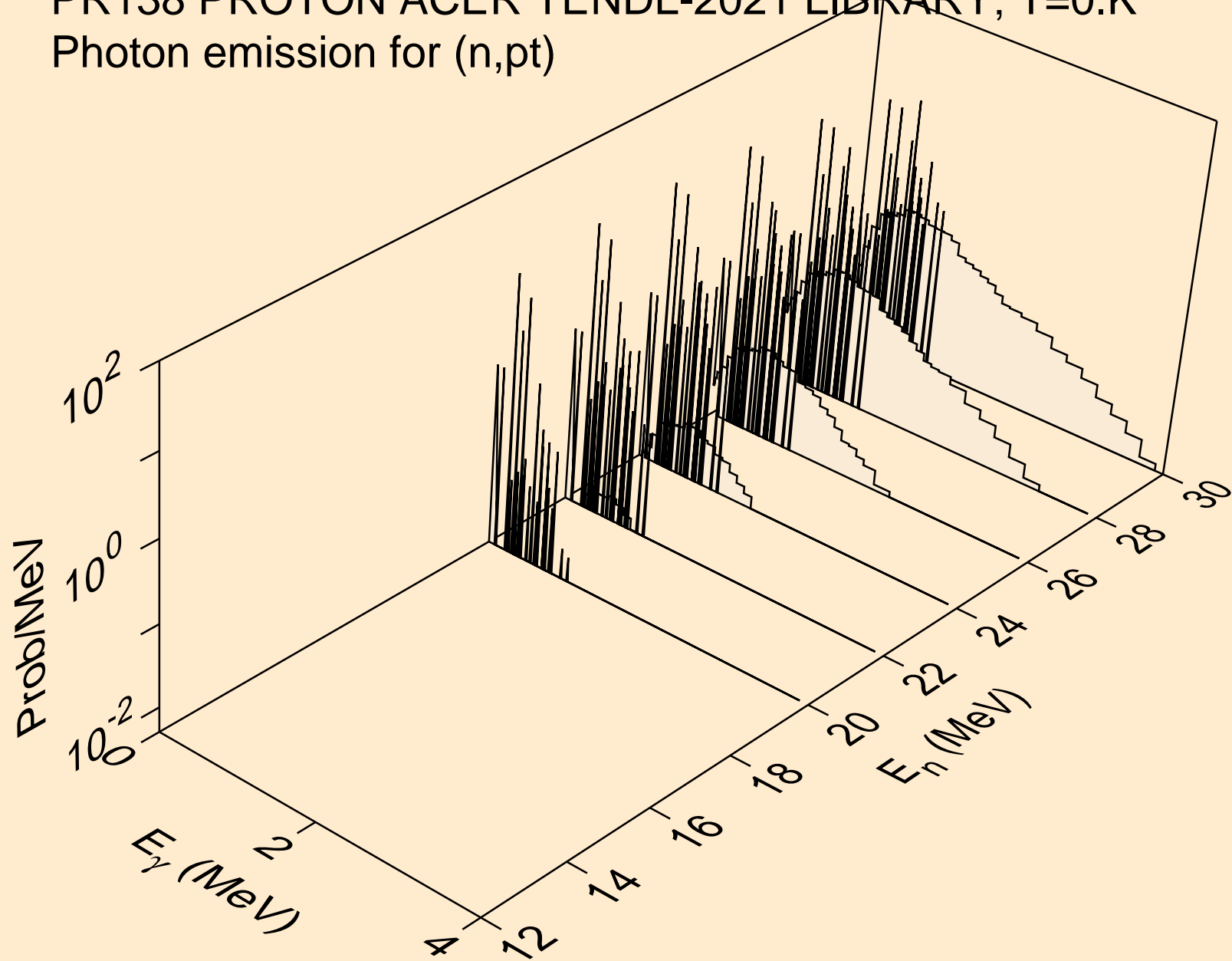
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

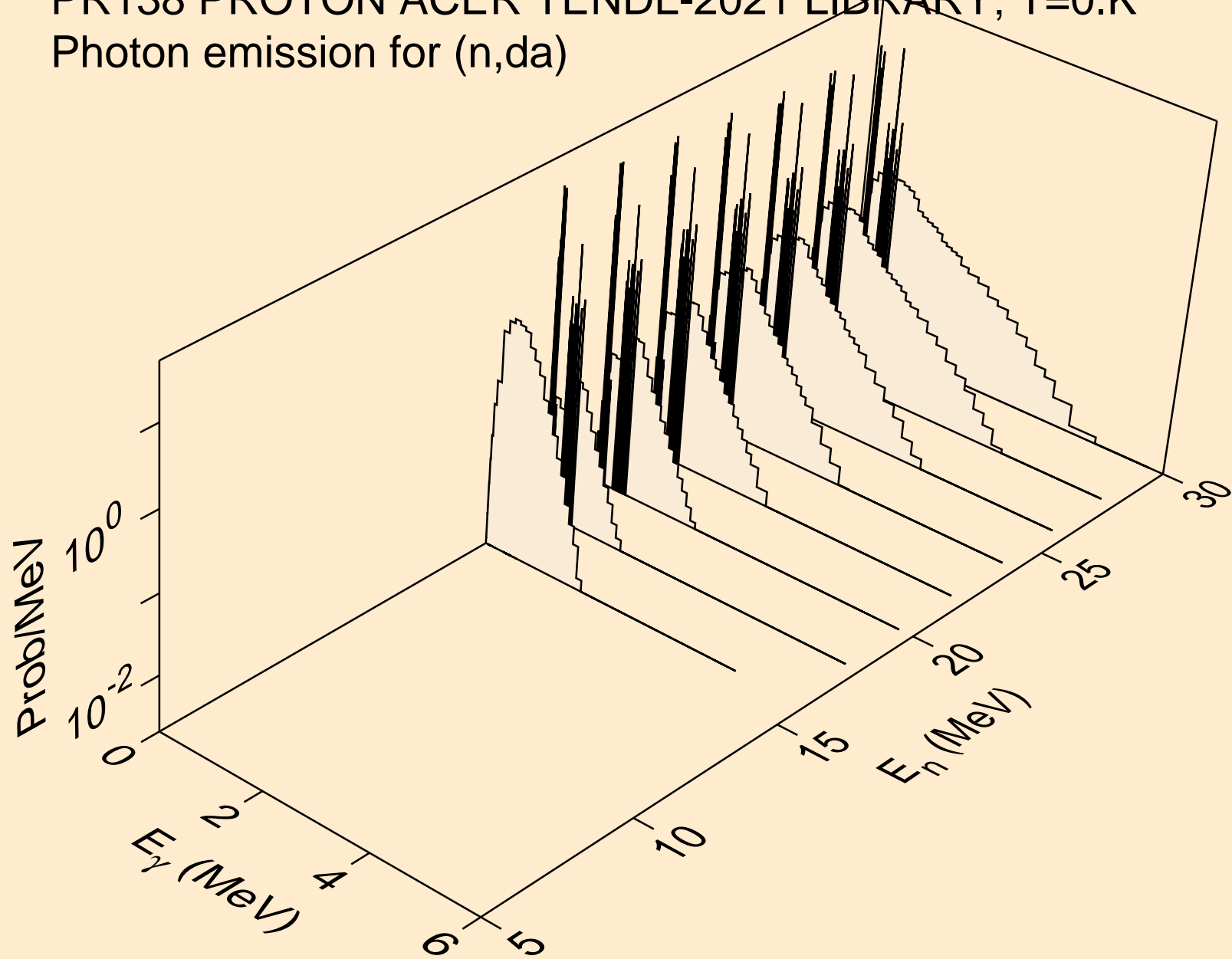


PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

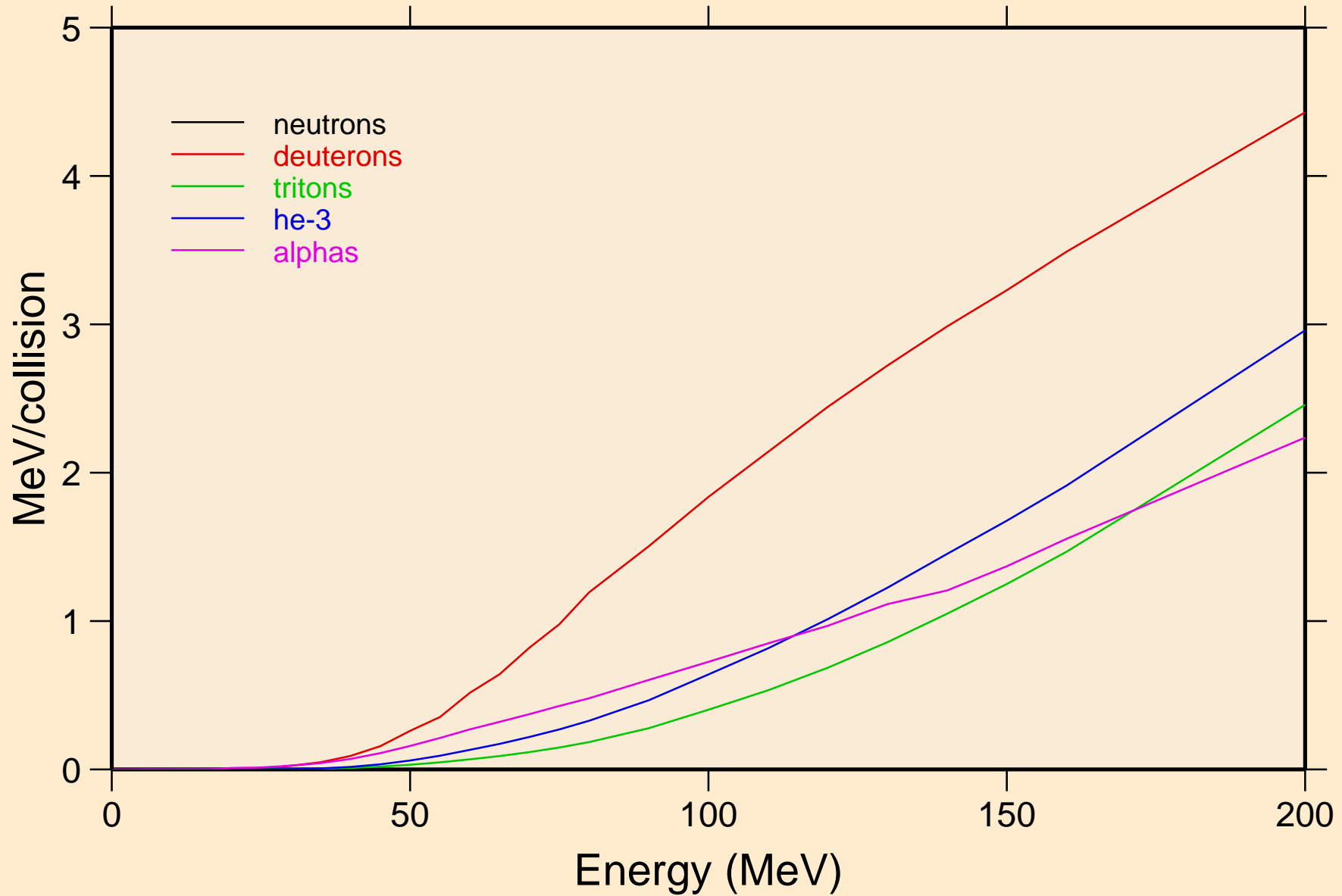




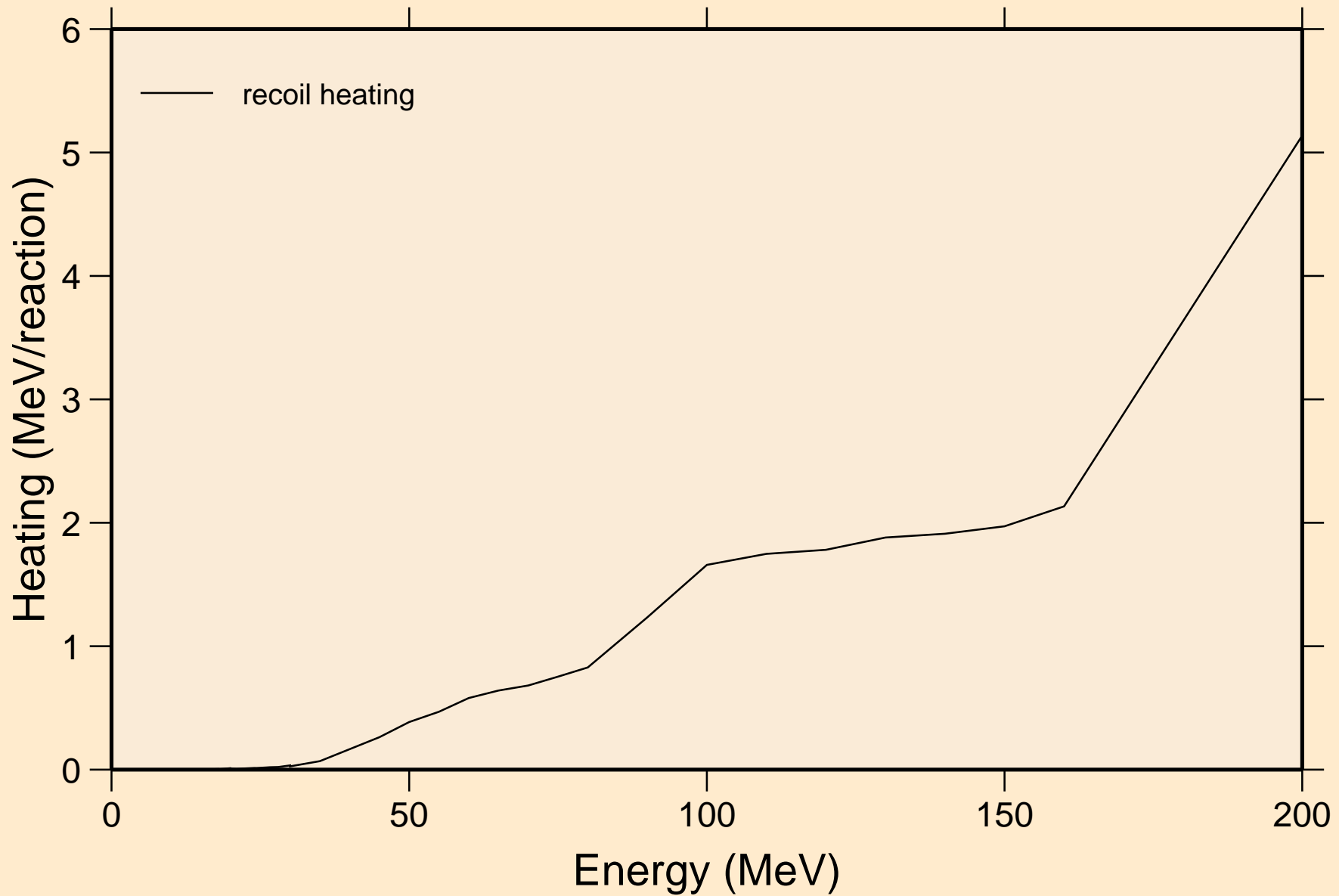
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



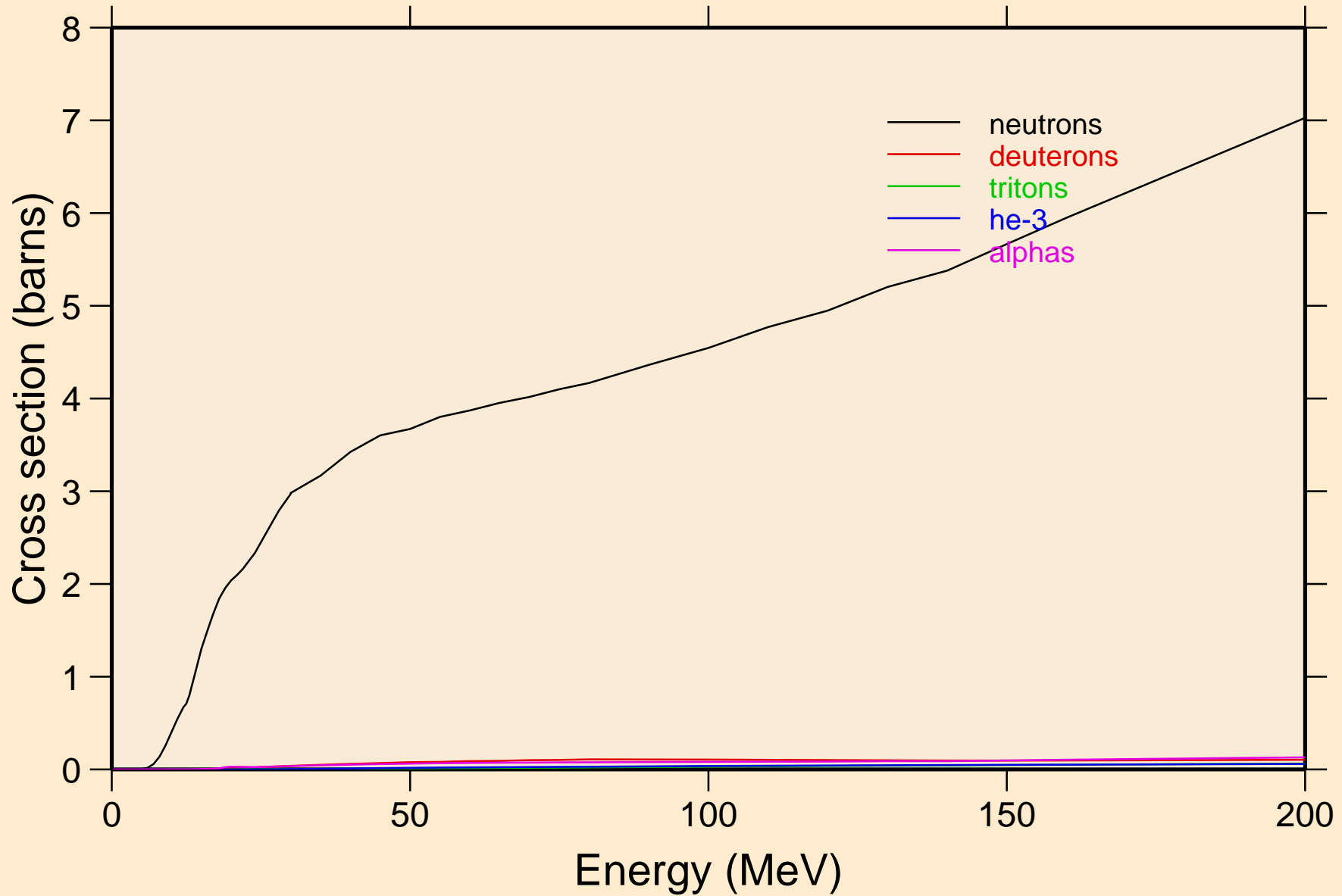
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



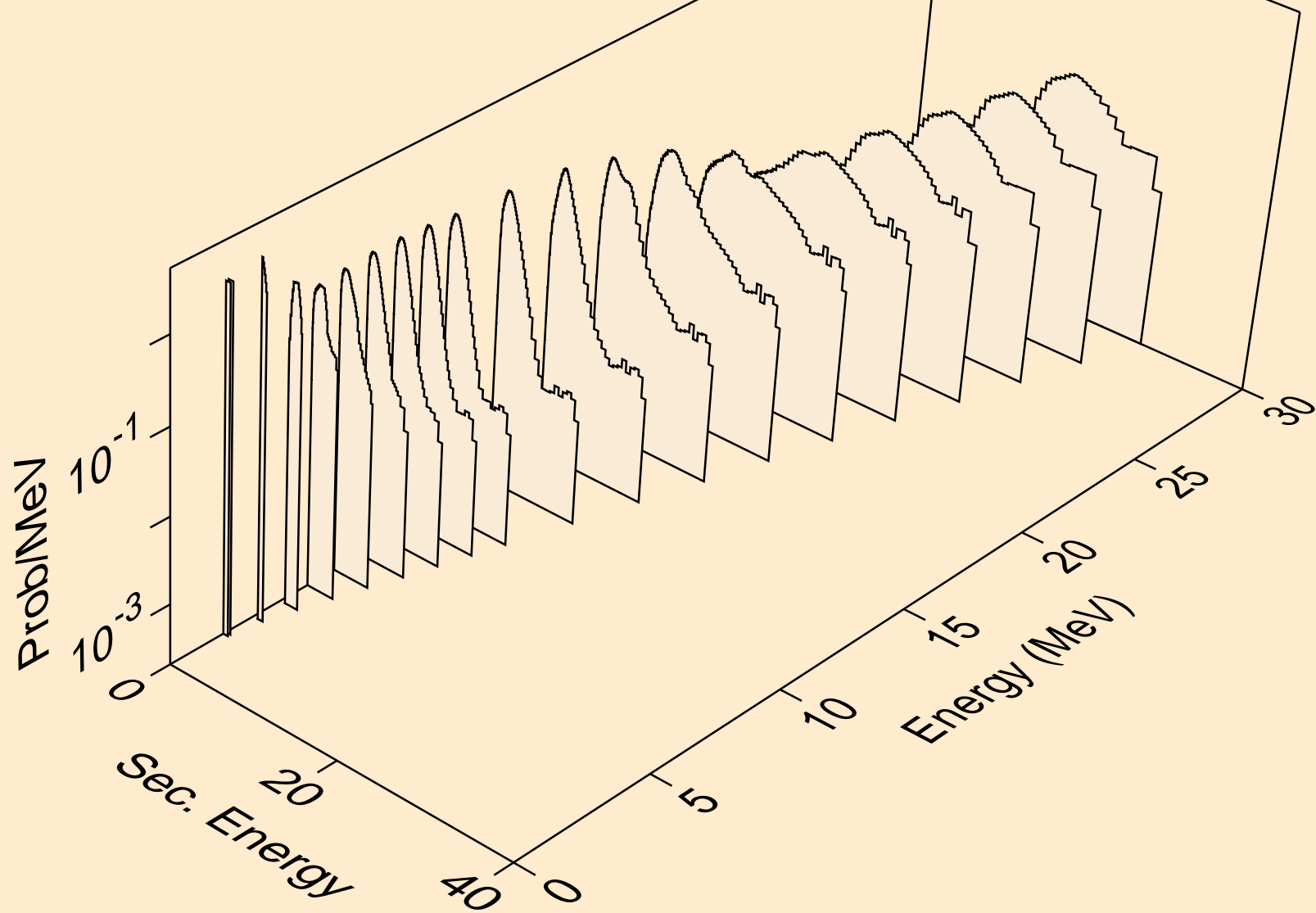
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Recoil Heating



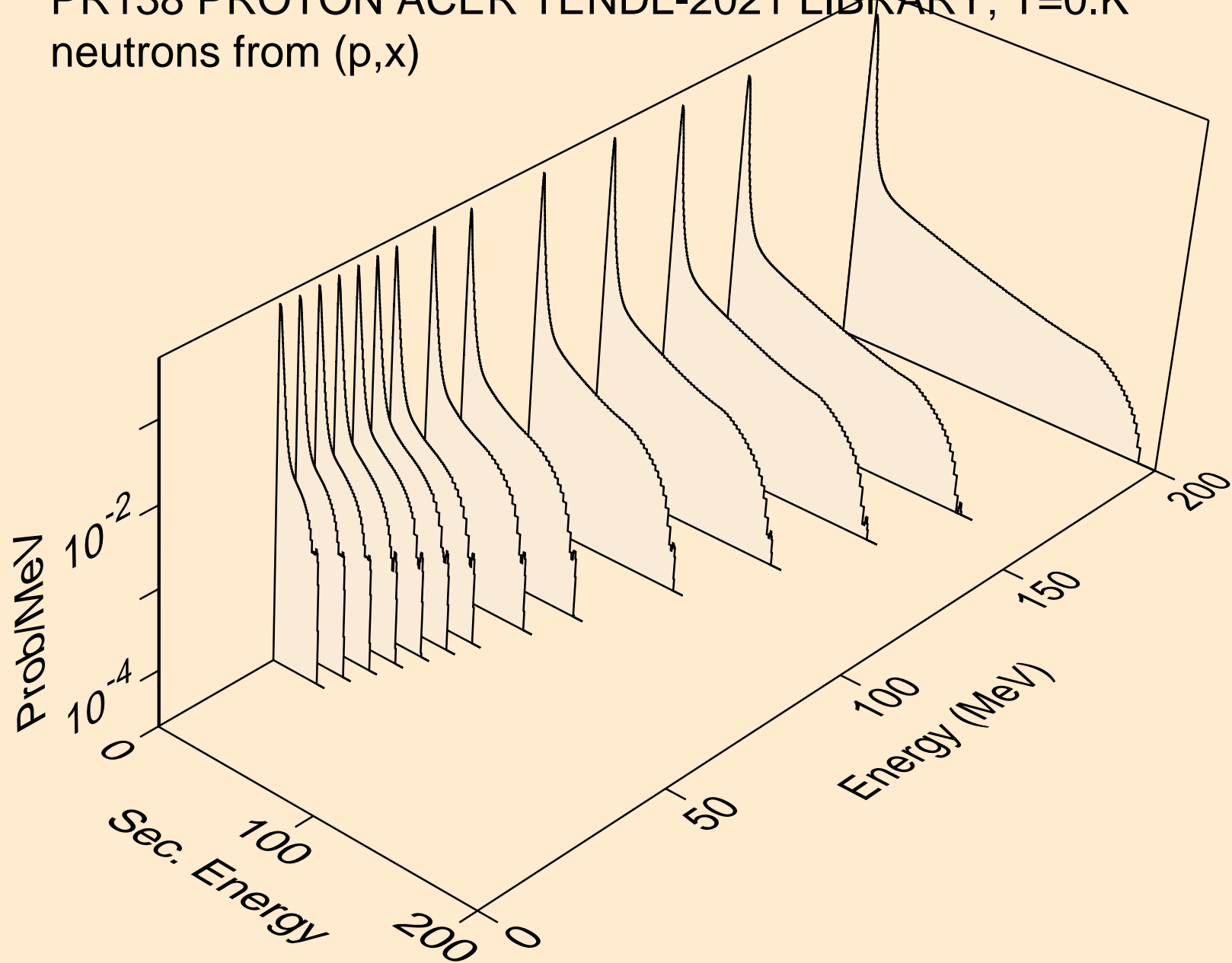
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



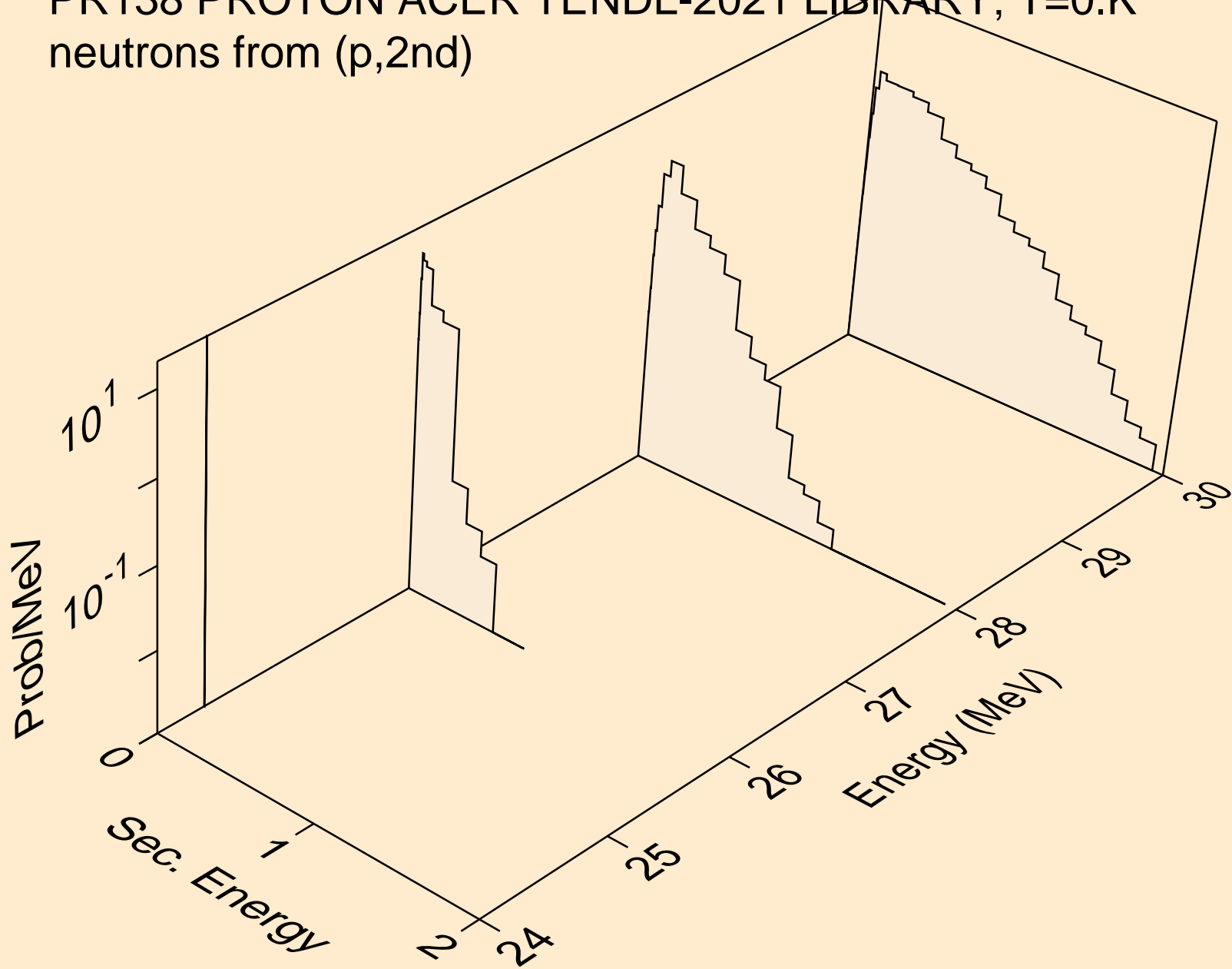
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



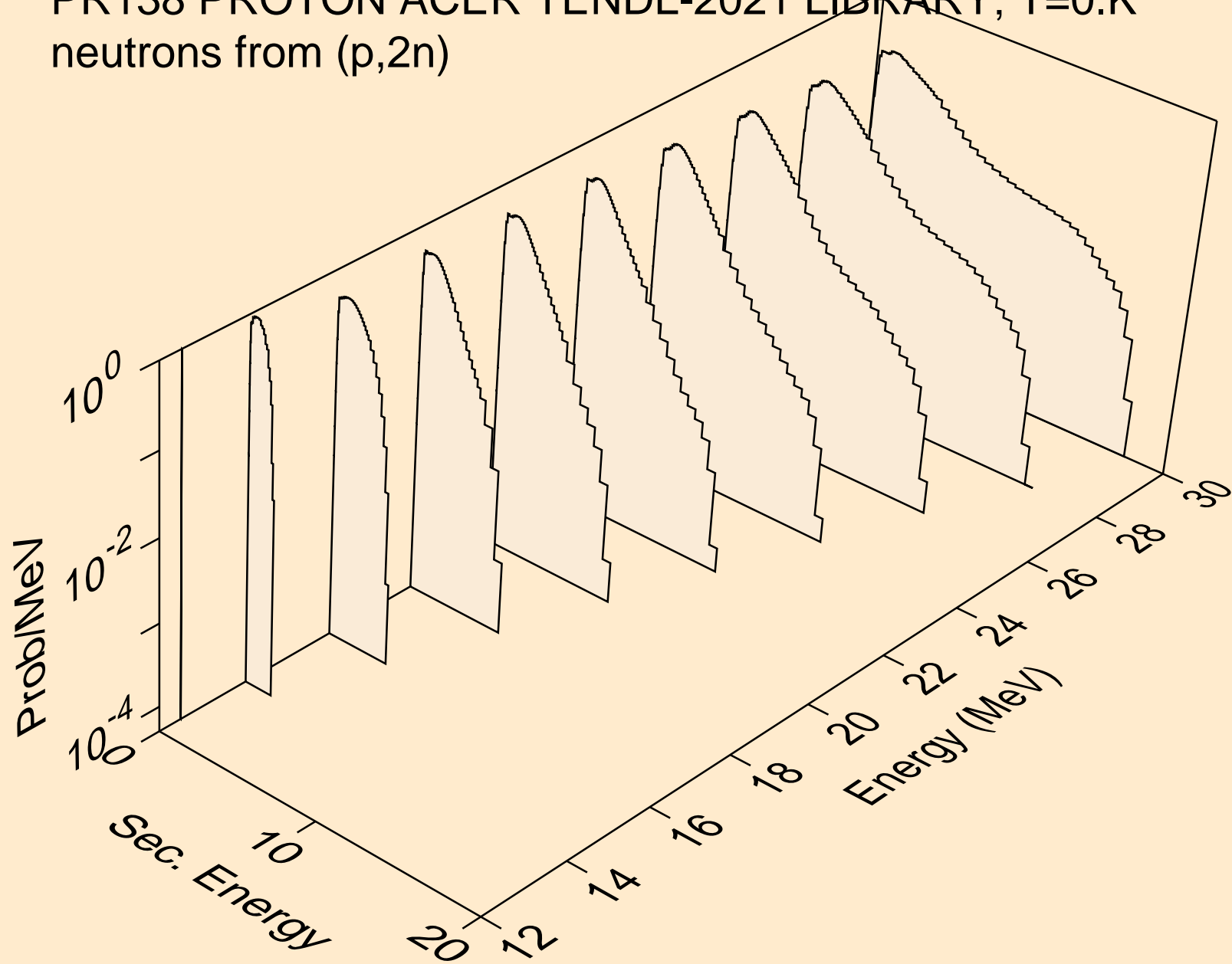
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)

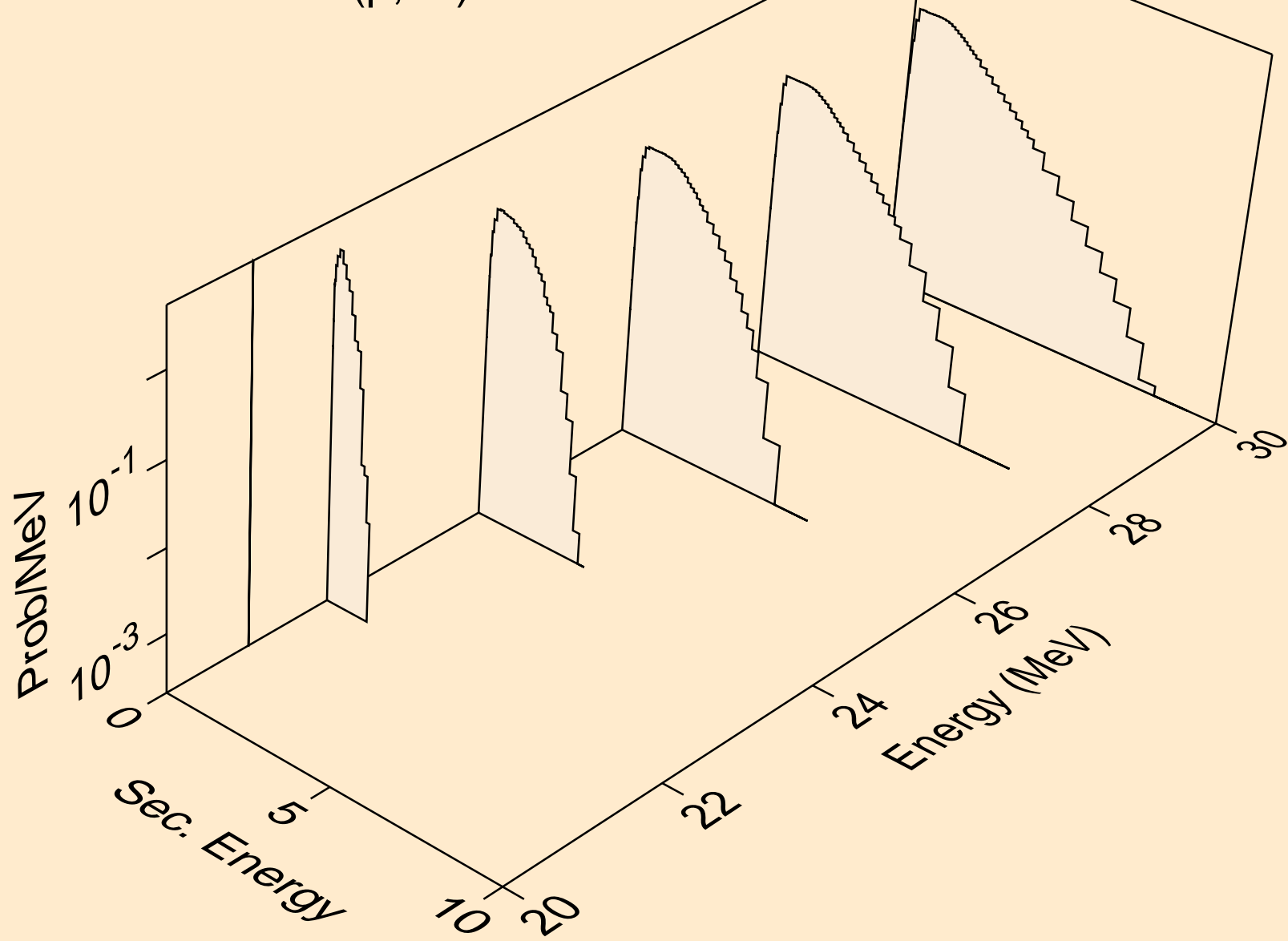


PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

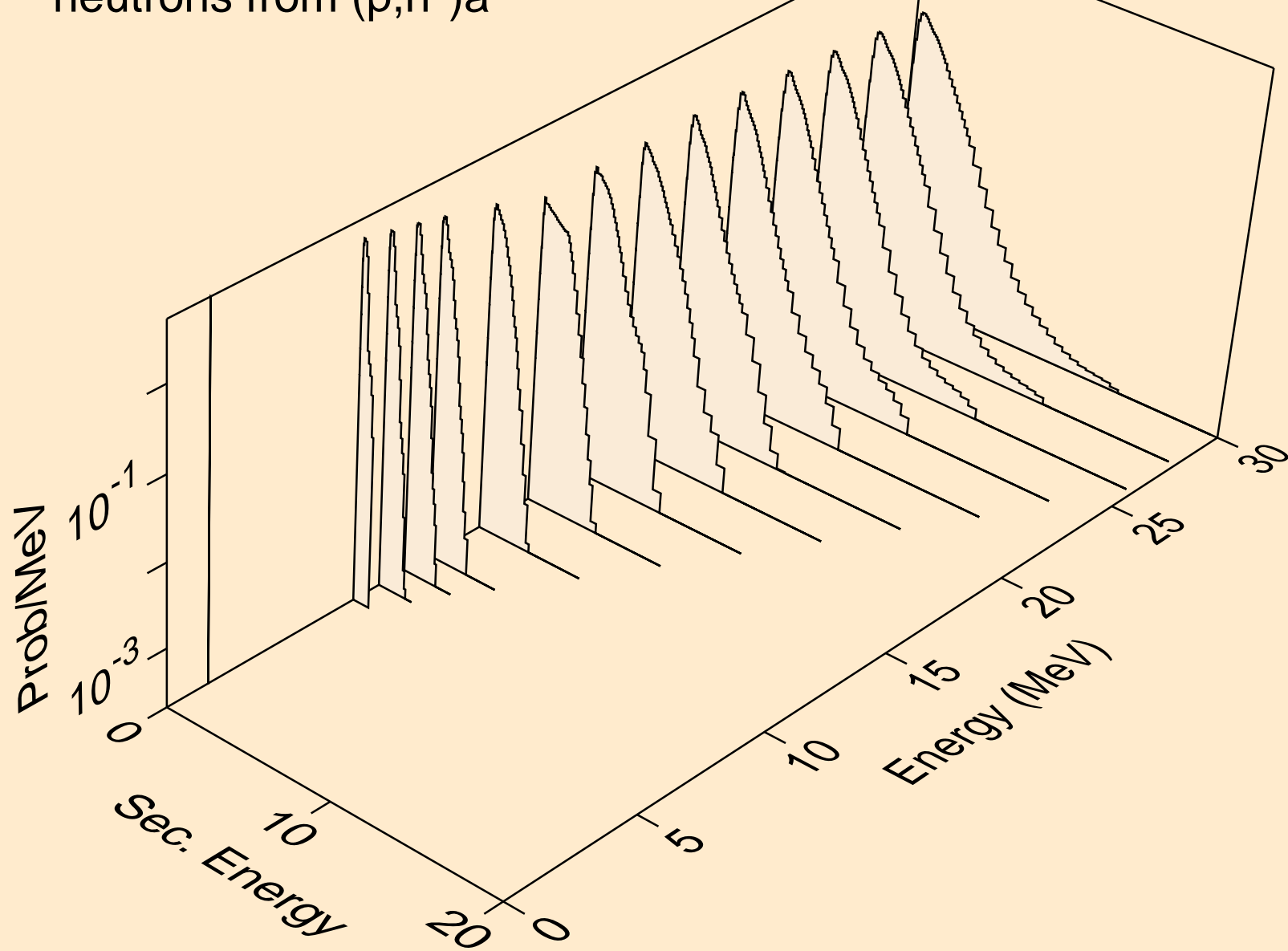




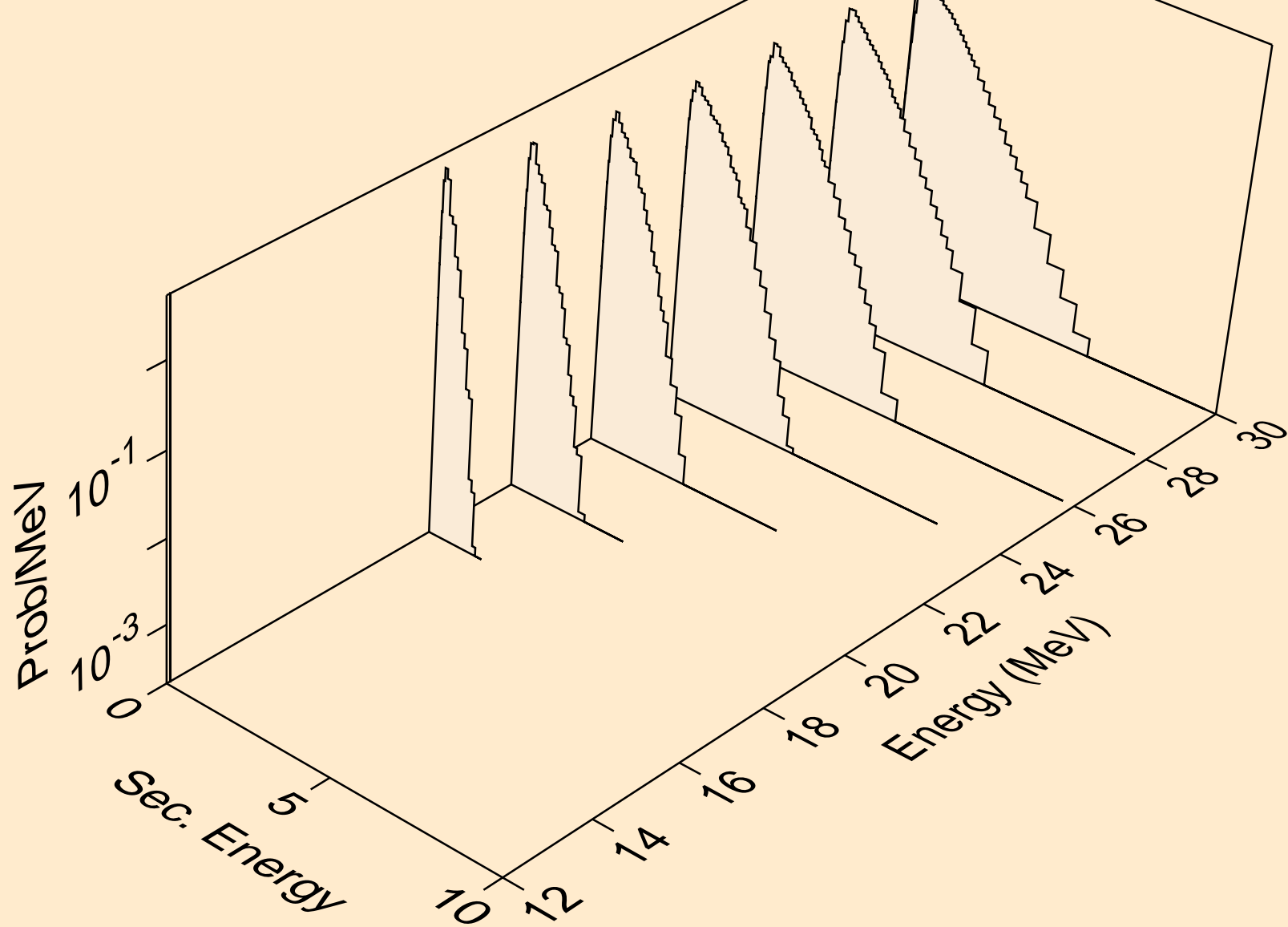
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neutrons from (p,3n)



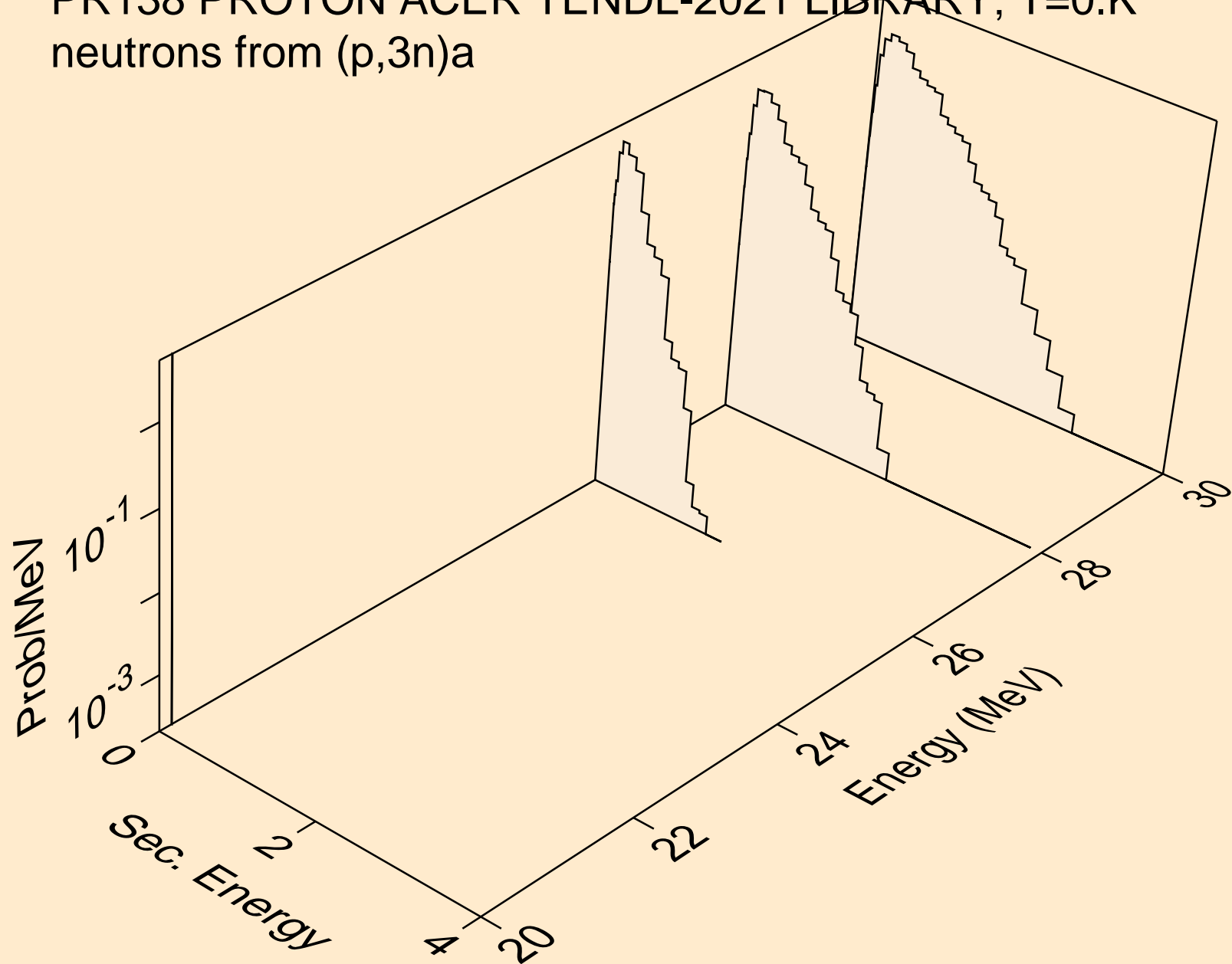
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



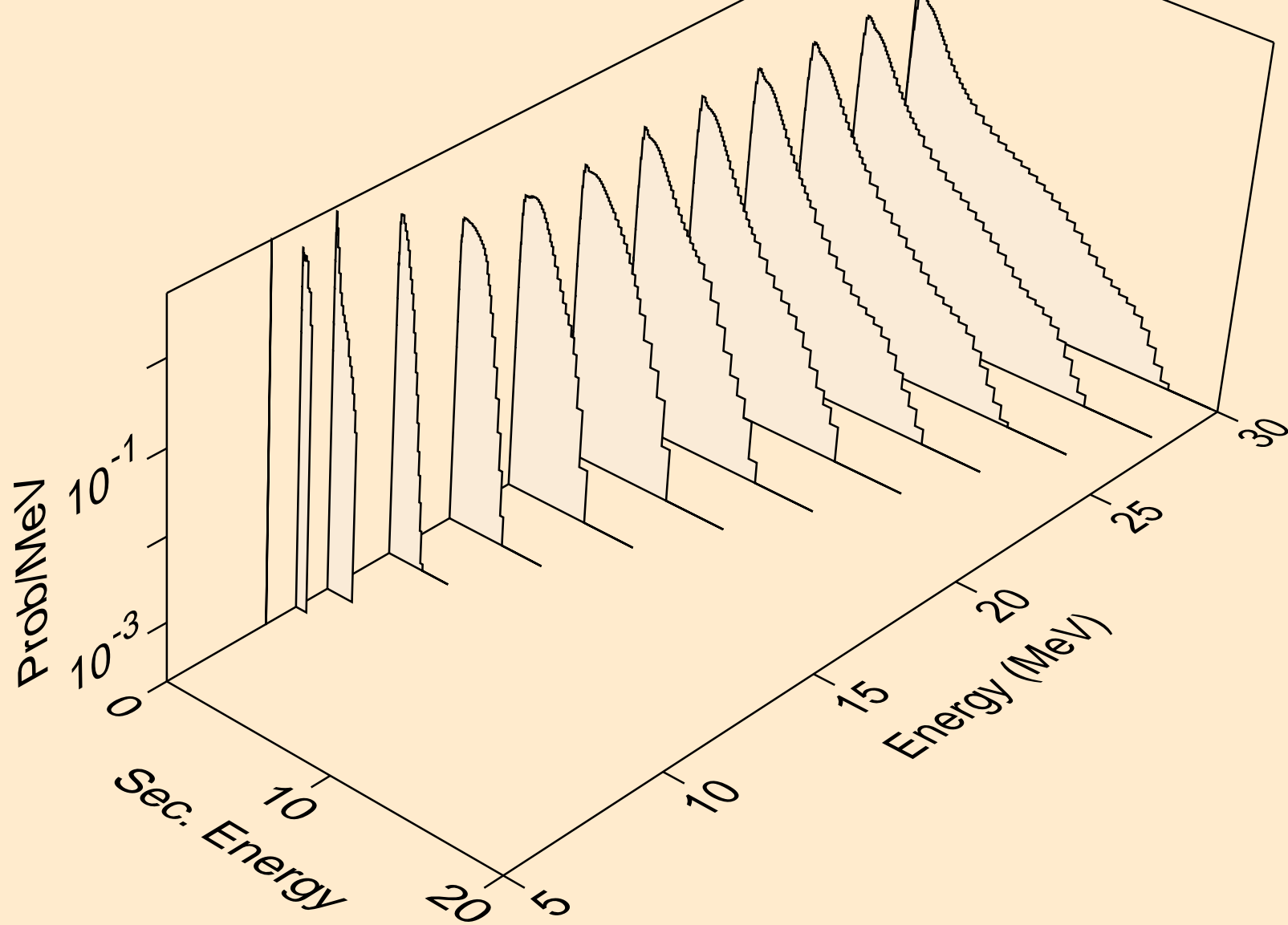
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neutrons from (p,2n)a



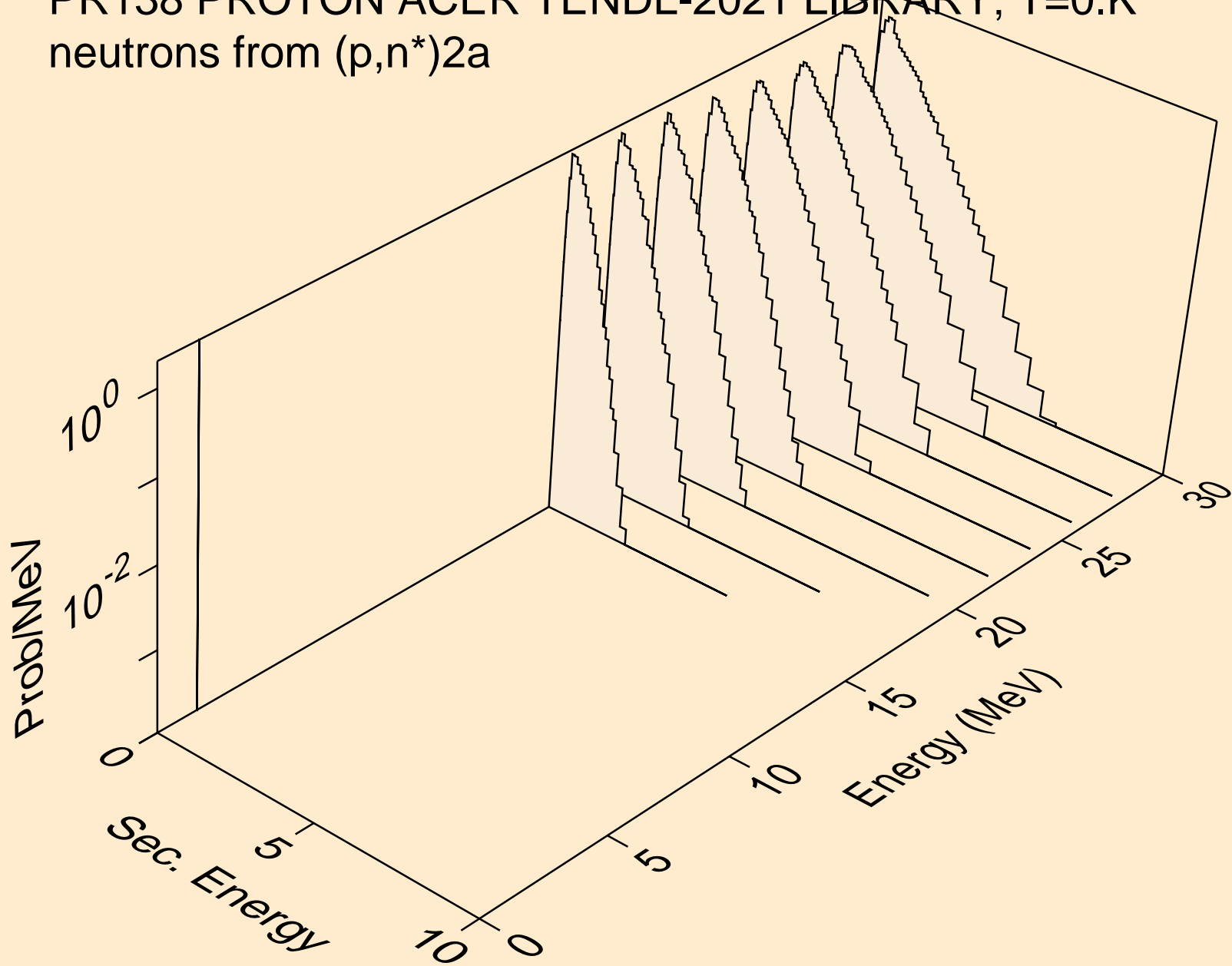
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neutrons from (p,3n)a



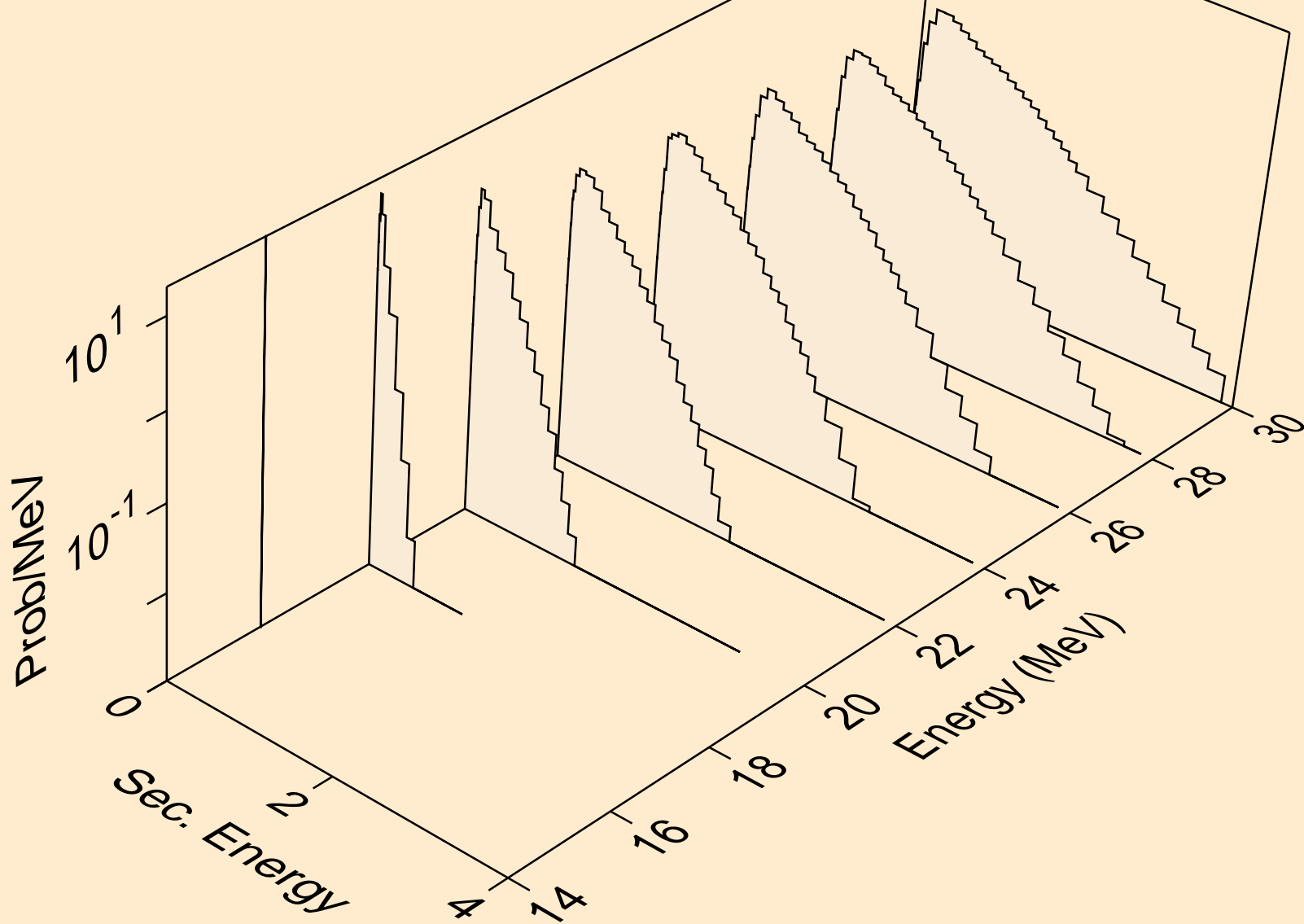
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neutrons from (p,n\*)p



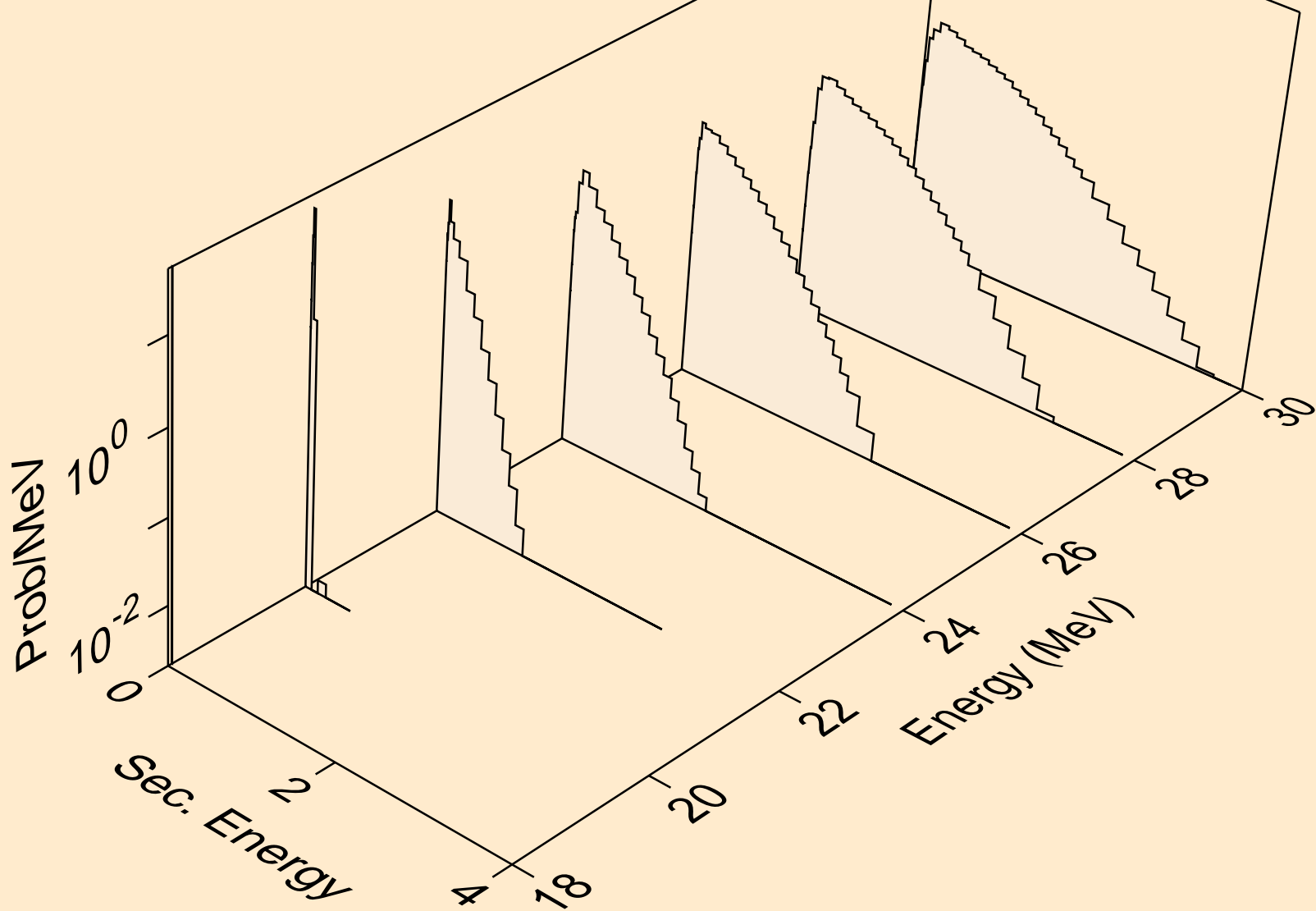
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d

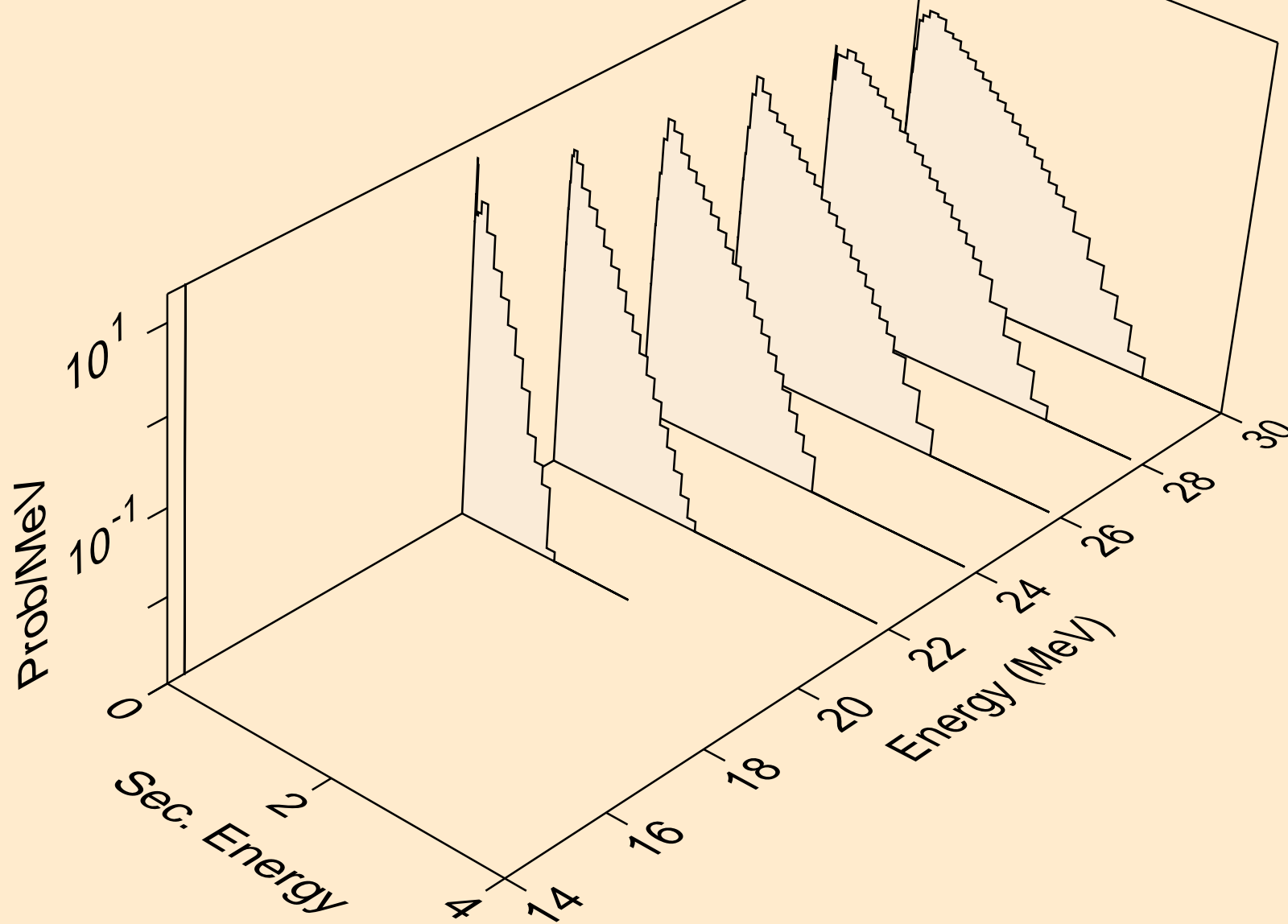


PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t

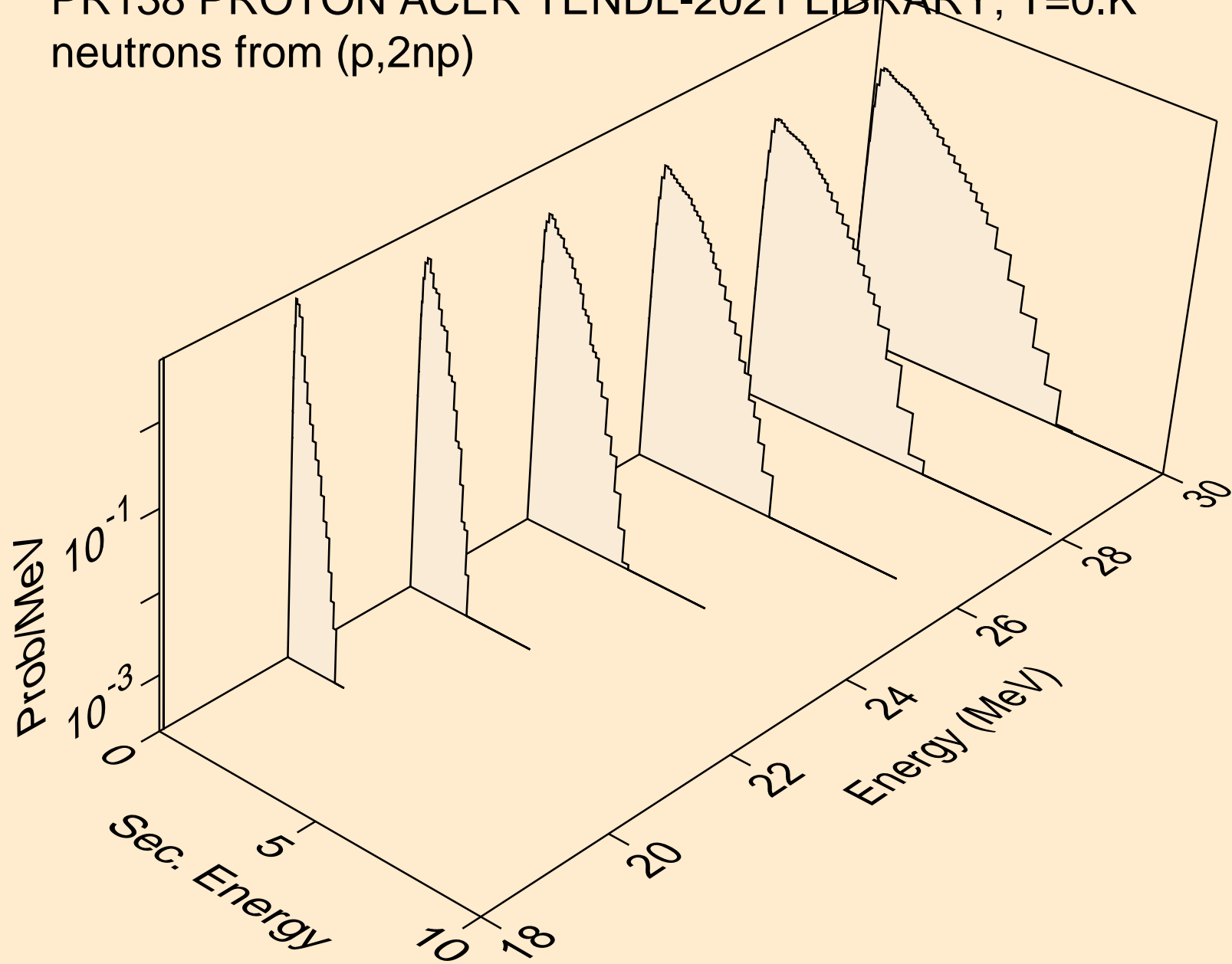




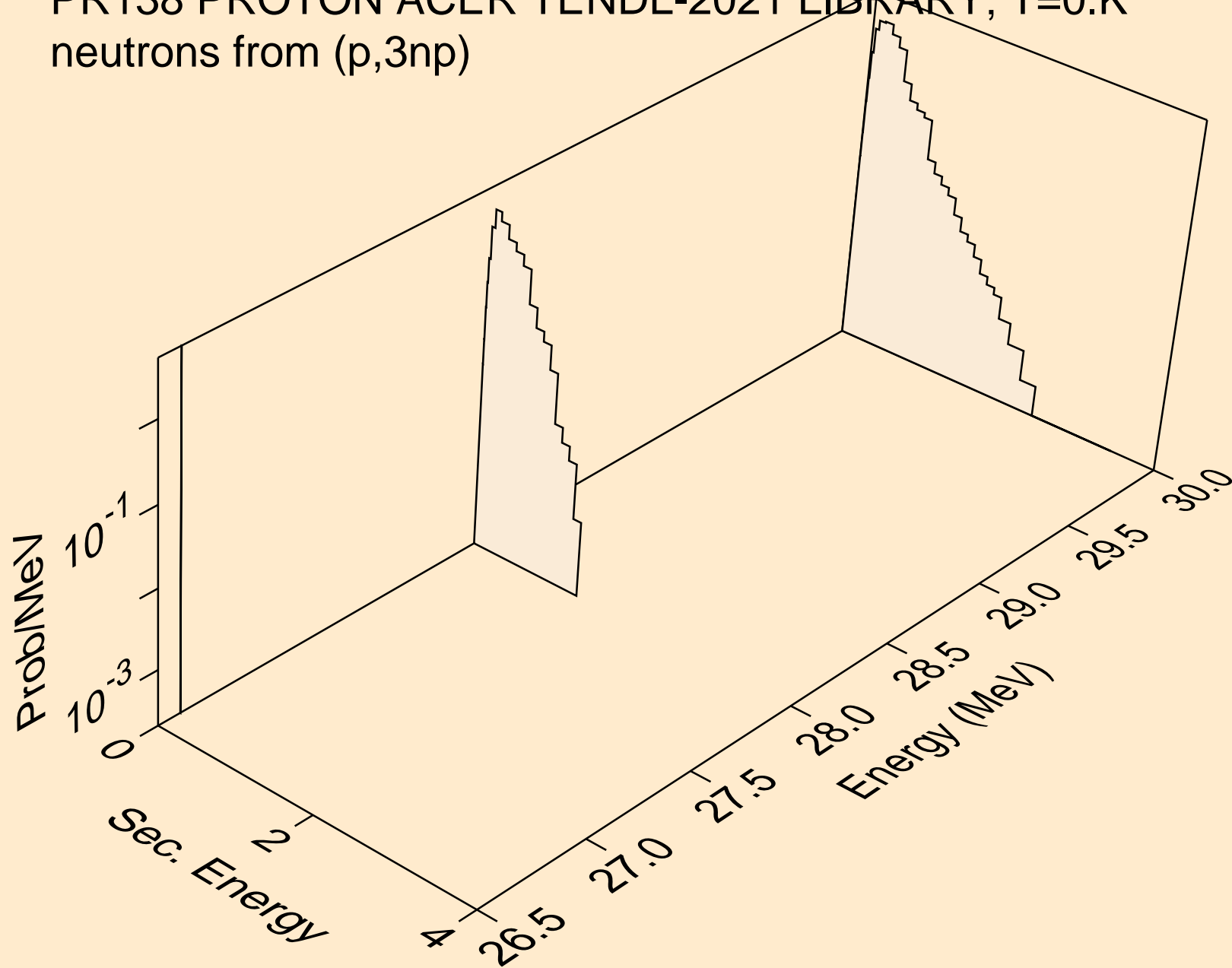
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neutrons from (p,n\*)he3



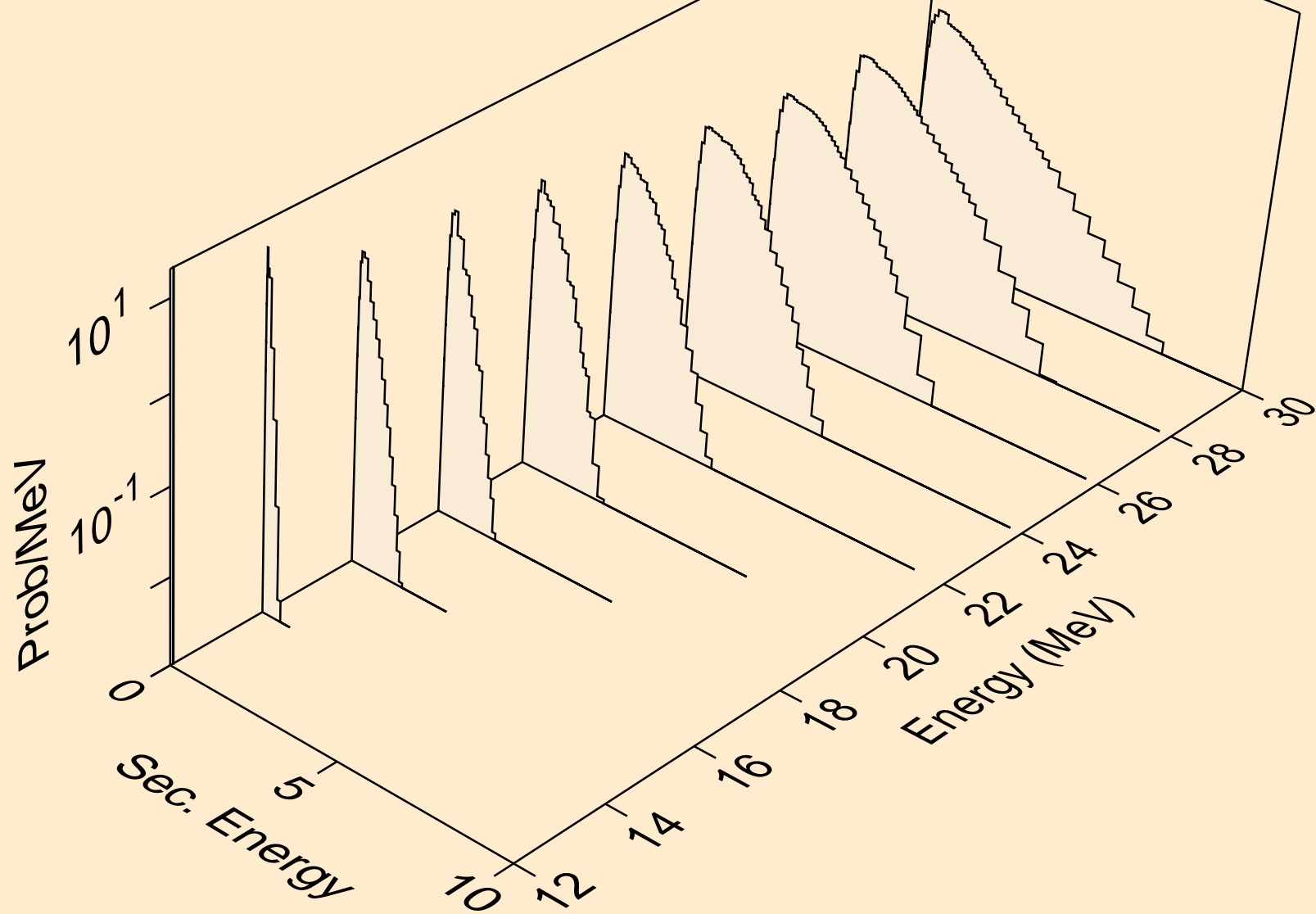
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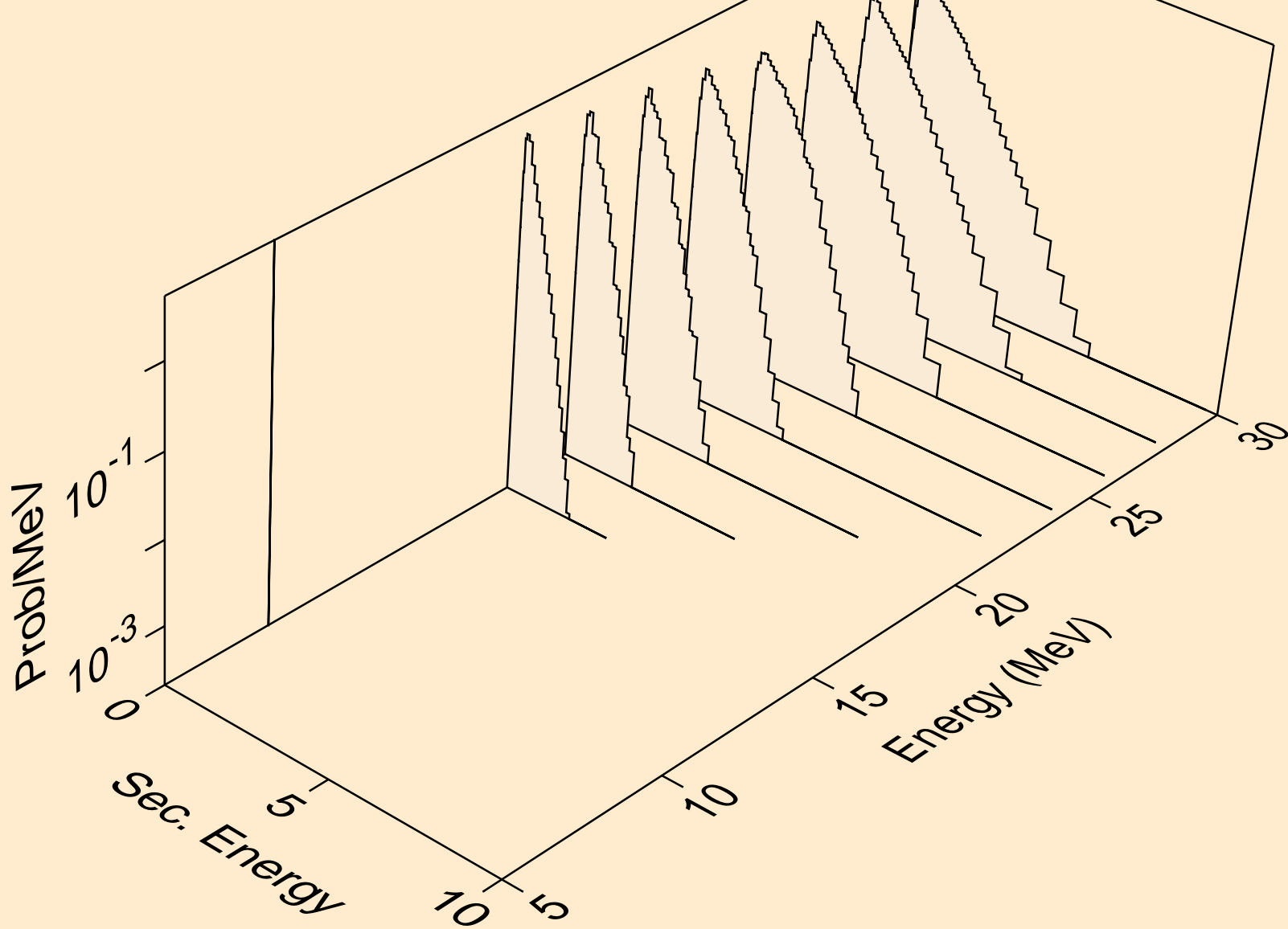
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)



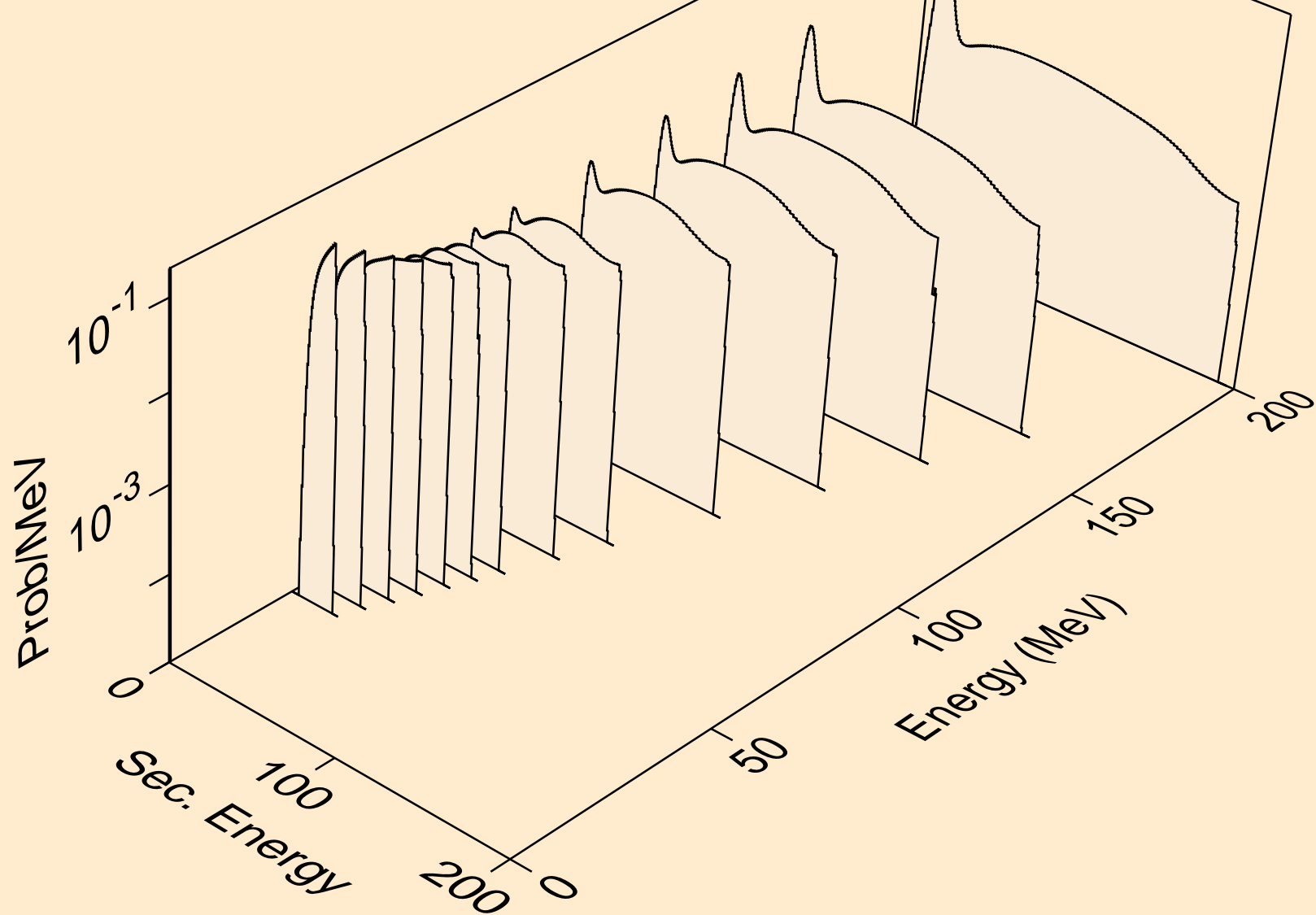
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



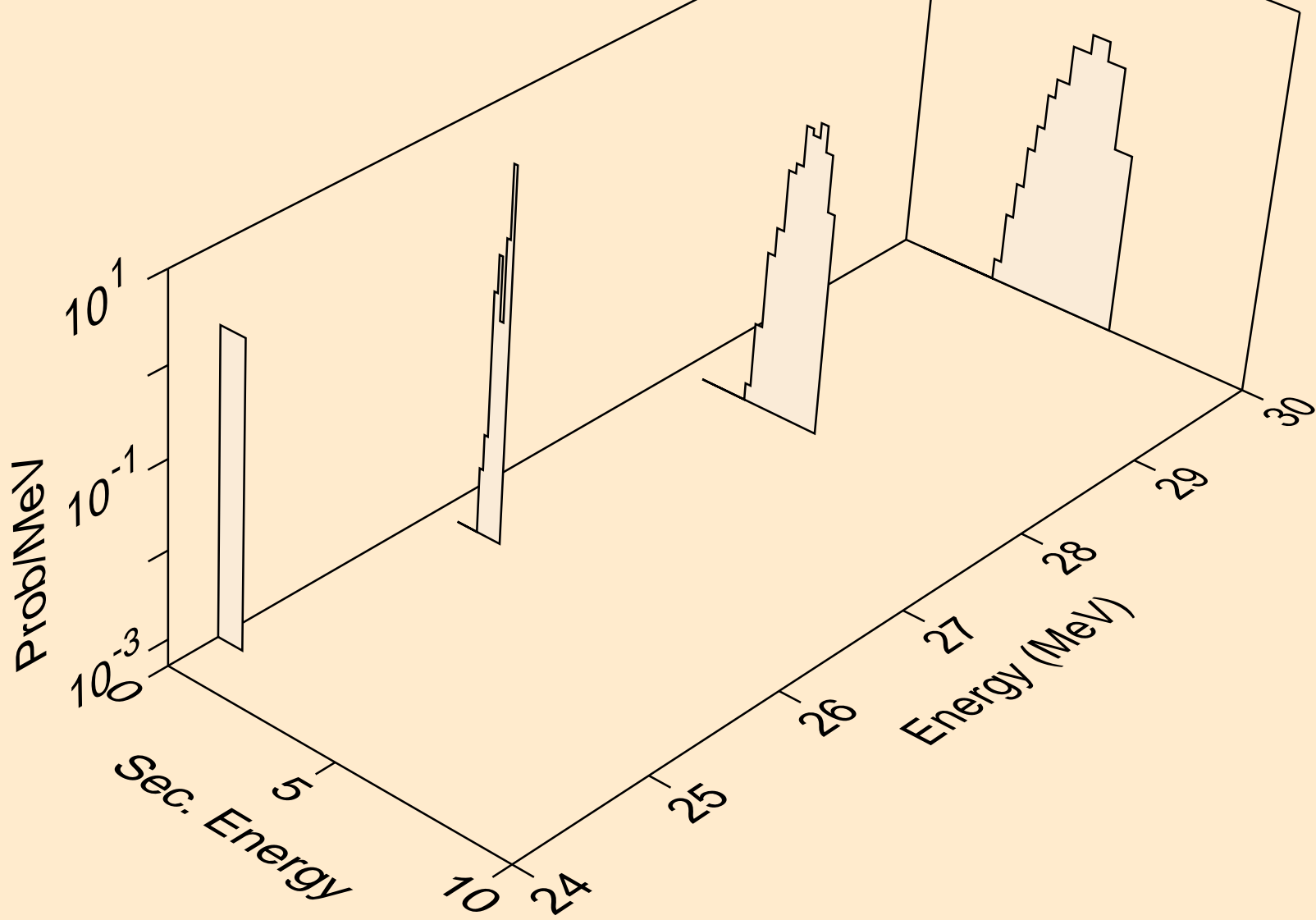
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)



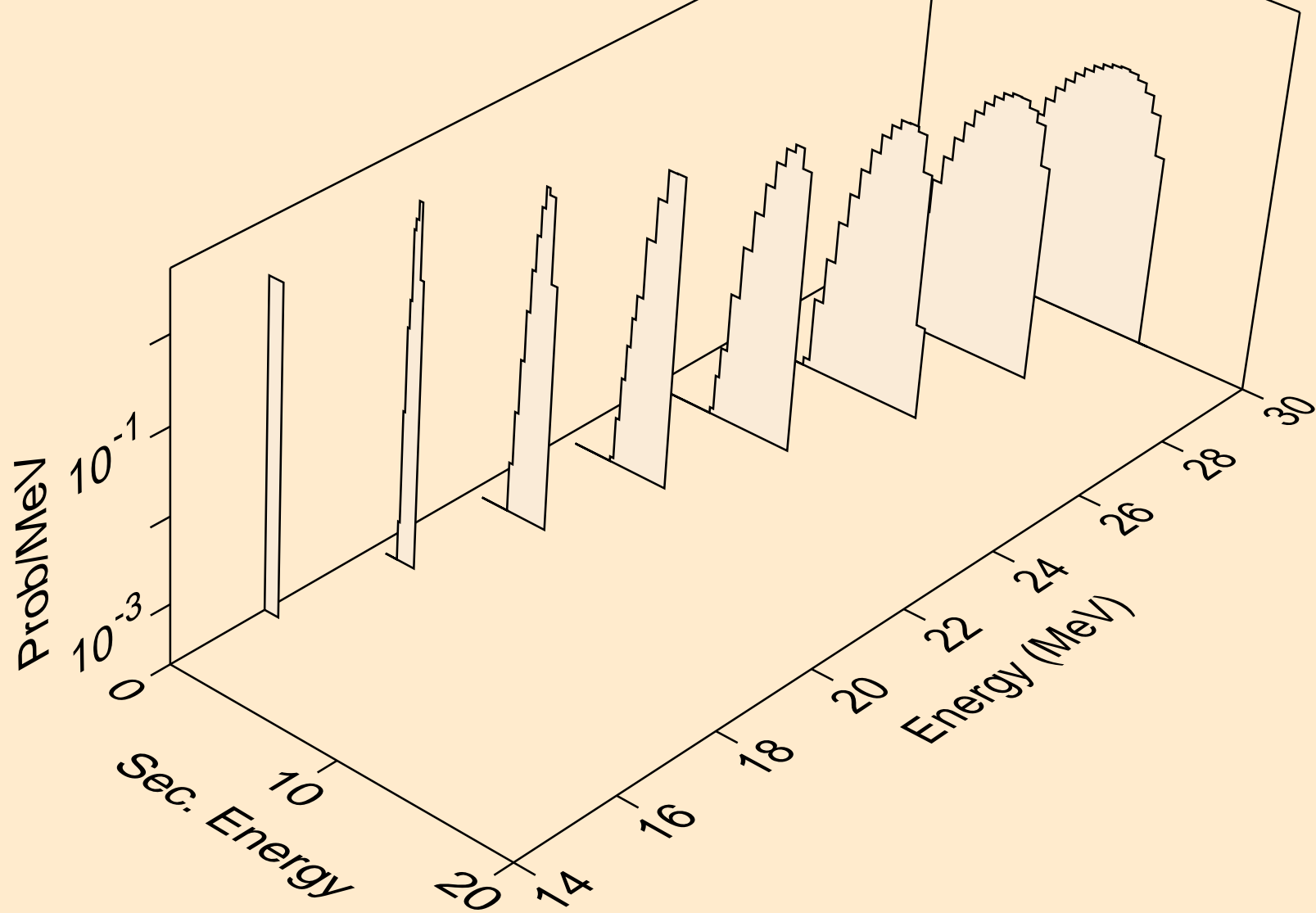
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)

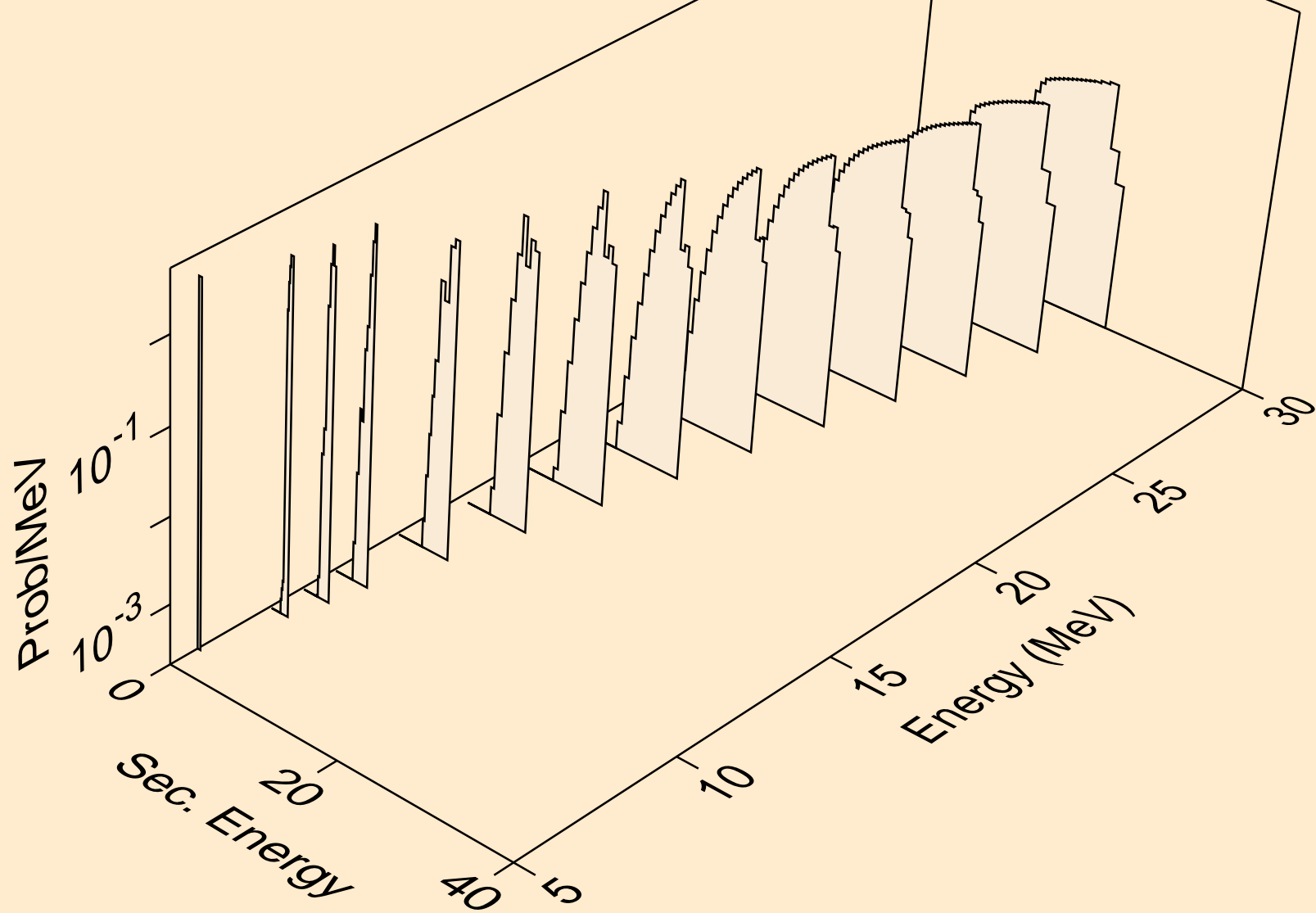


PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d

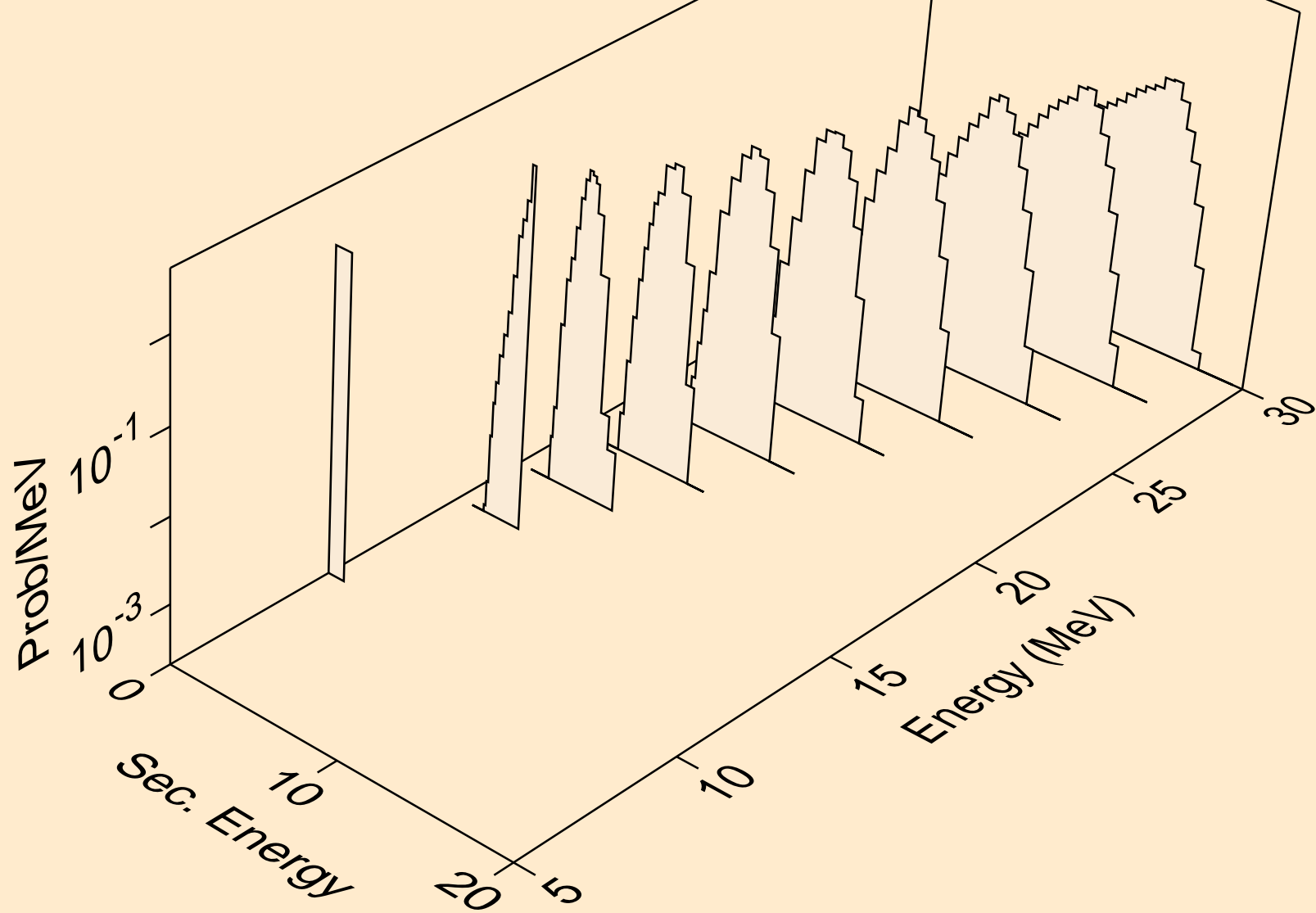




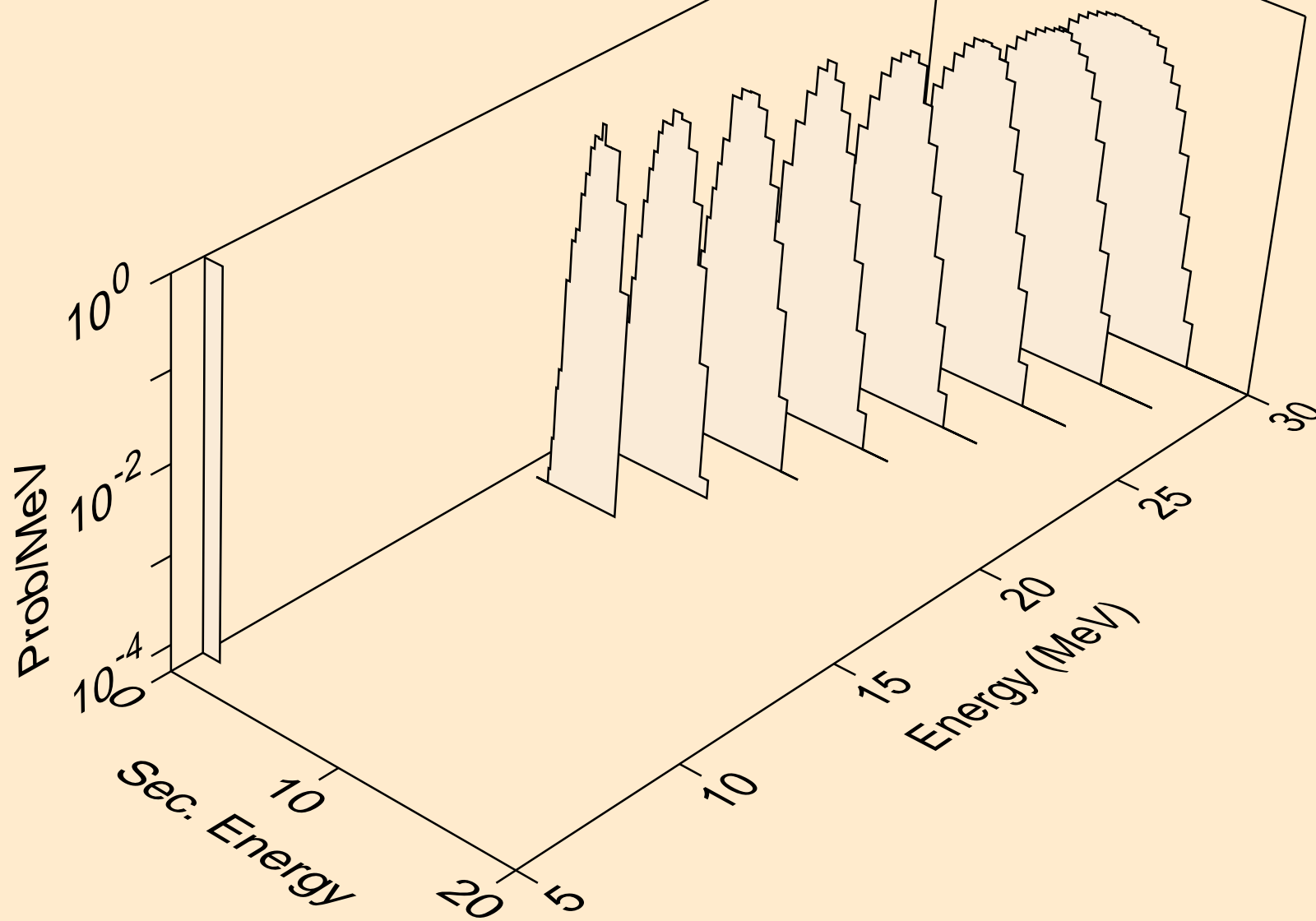
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



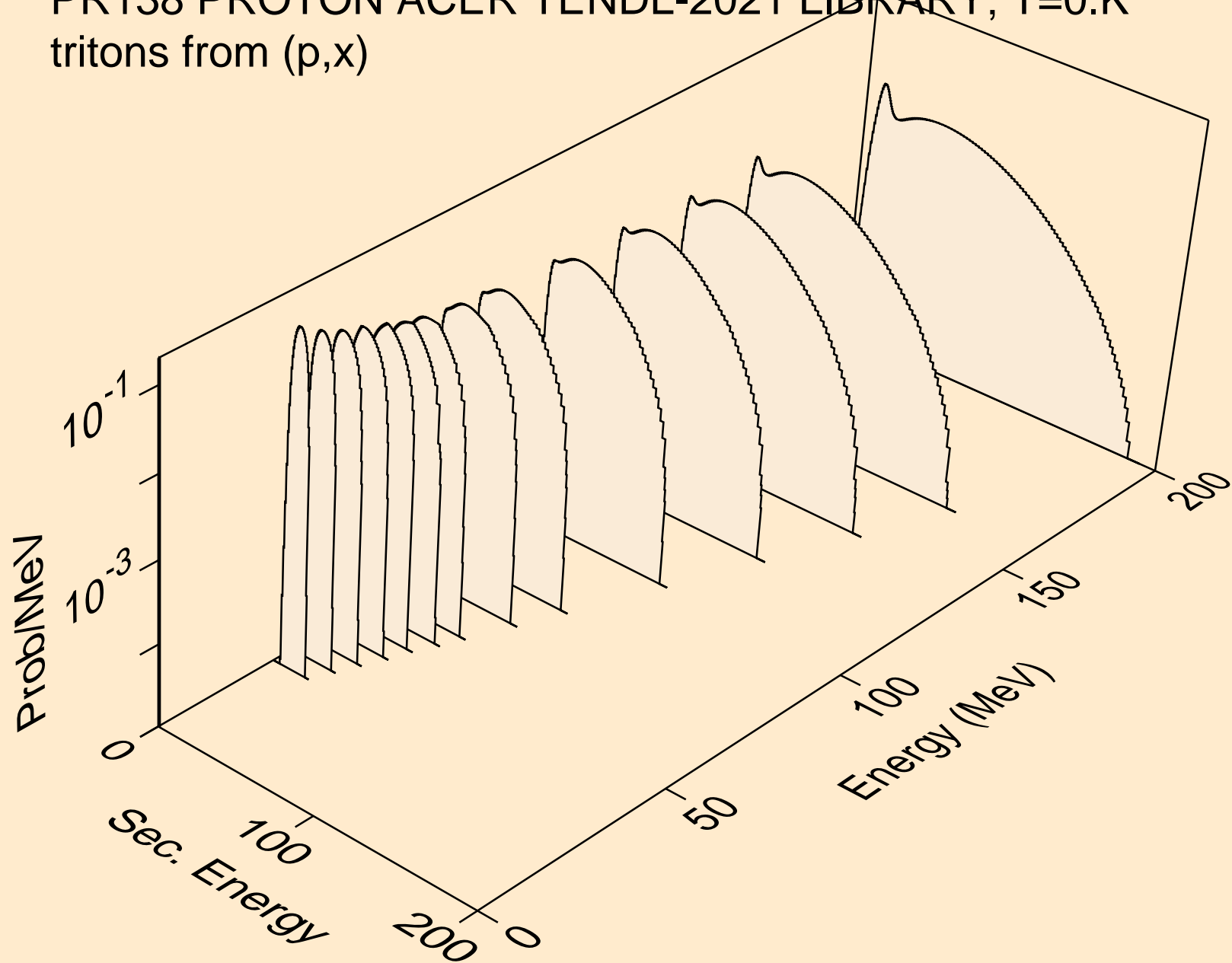
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deuterons from (p,pd)



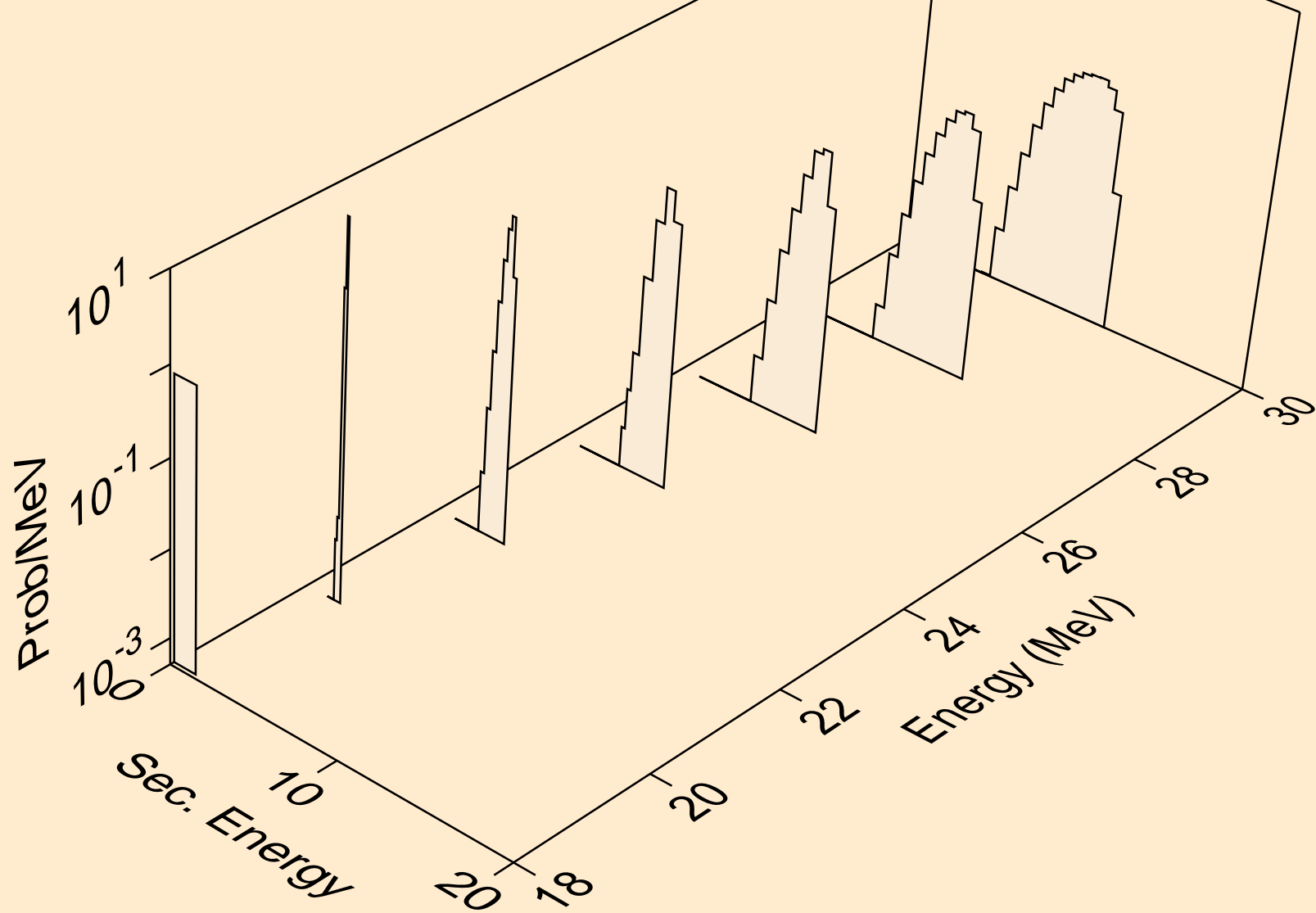
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deuterons from (p,da)



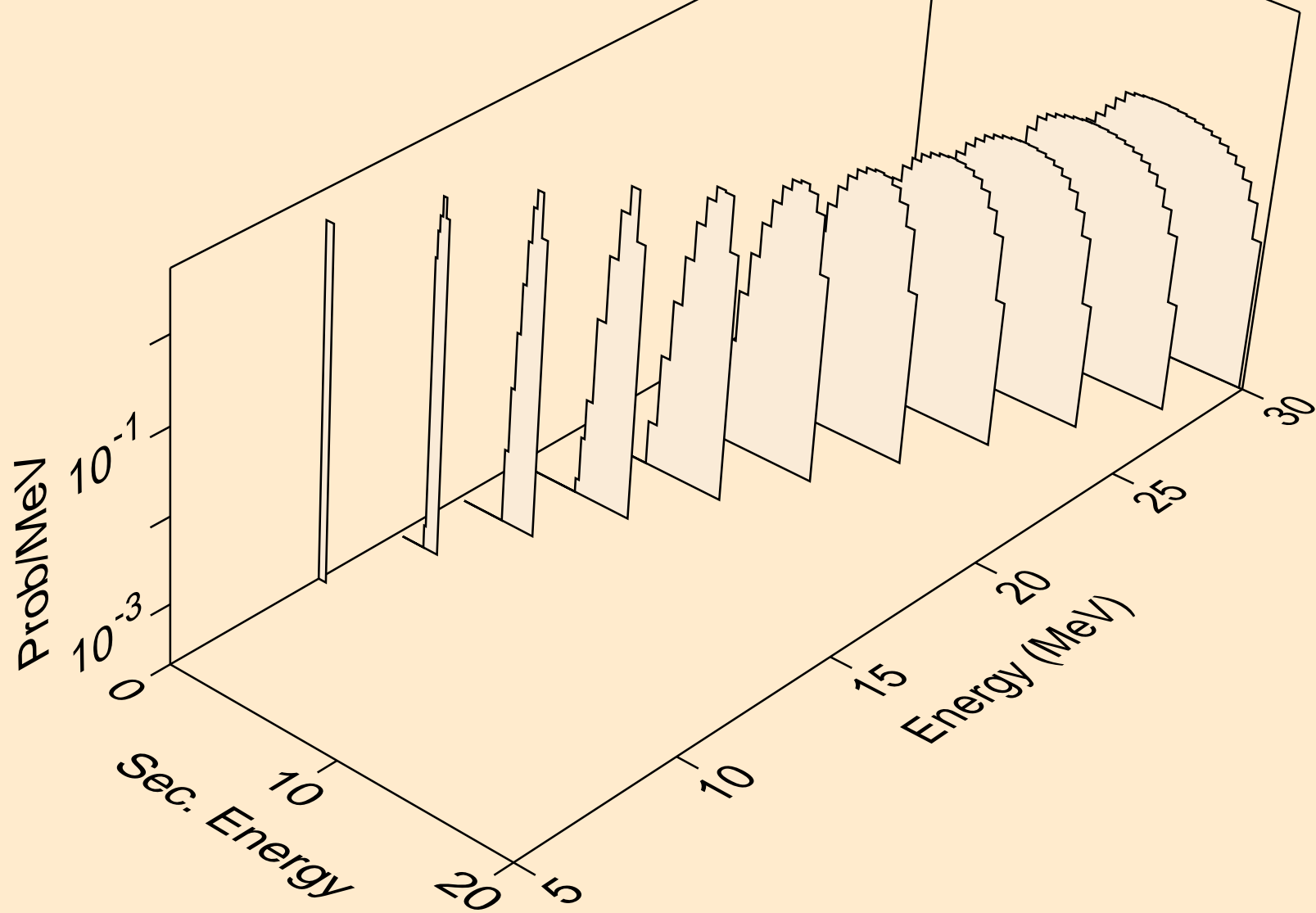
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



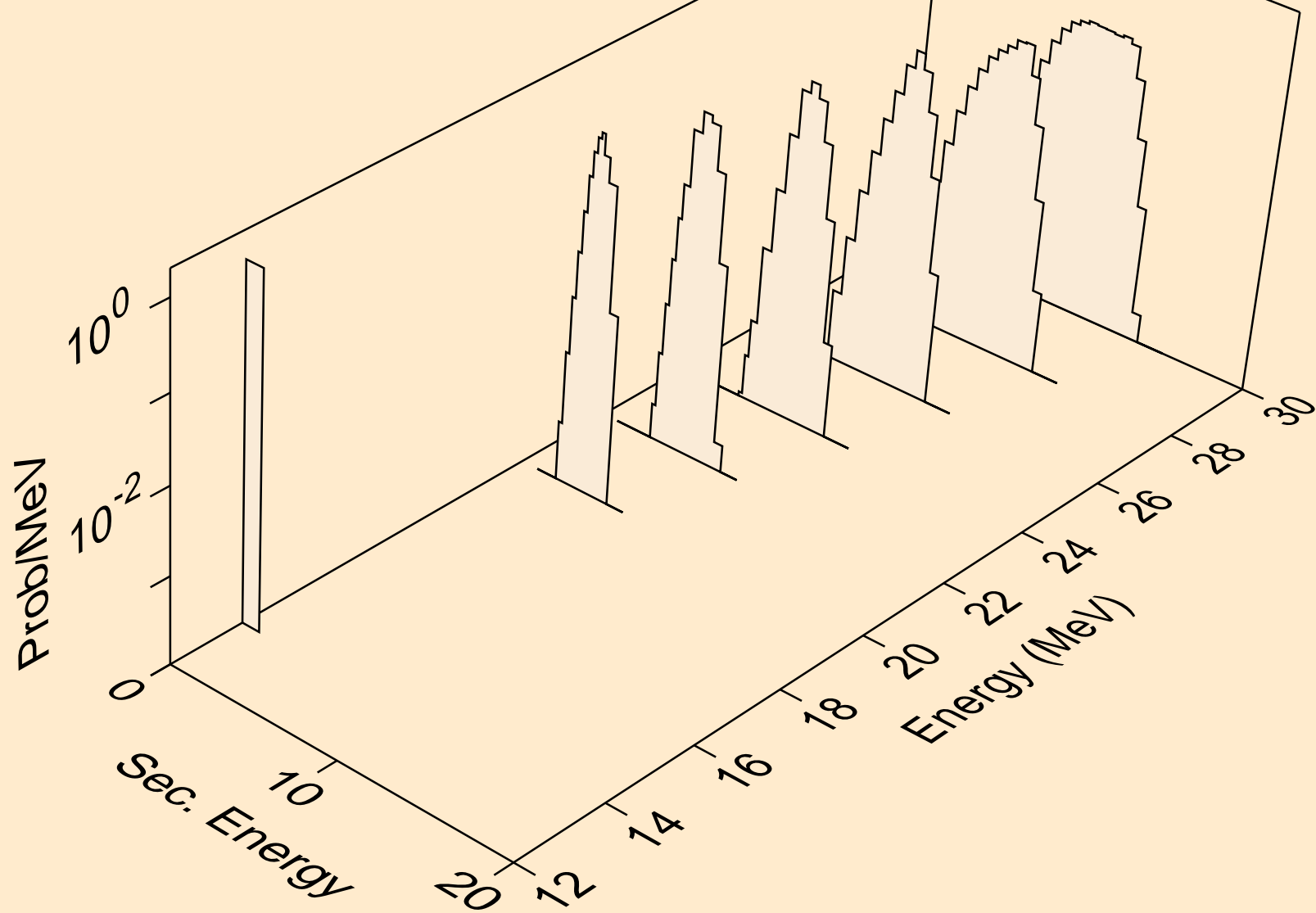
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



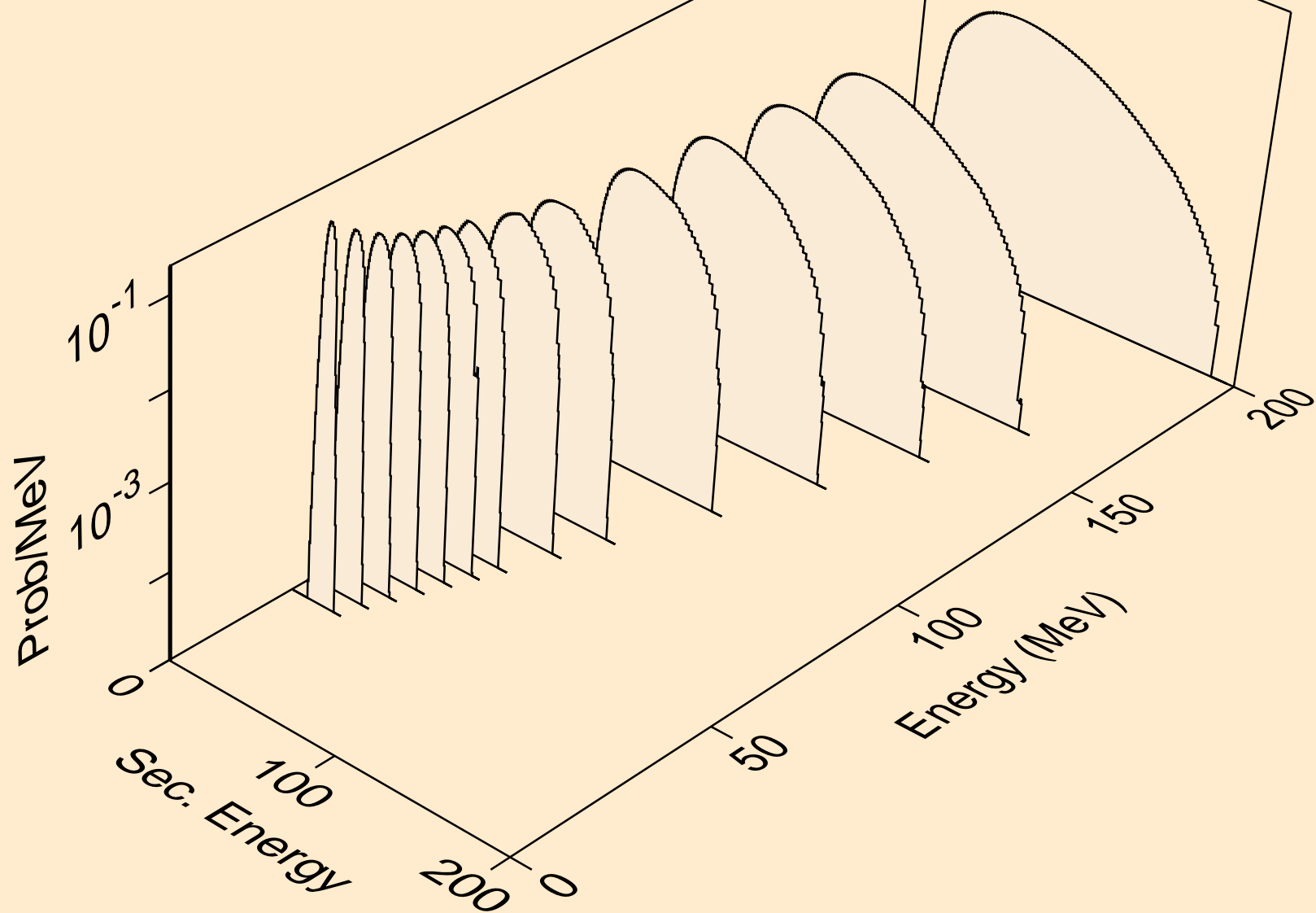
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)

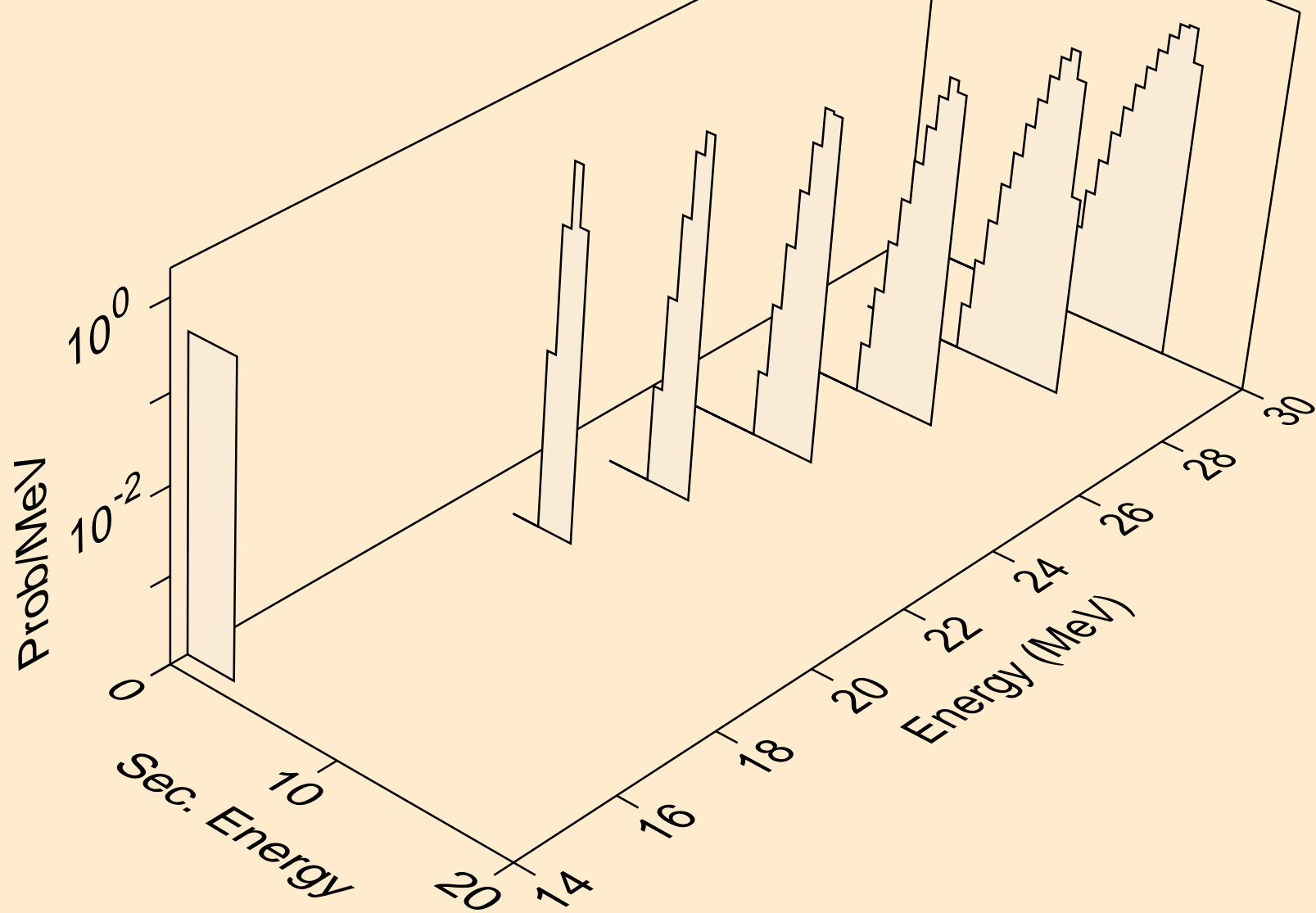


PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)

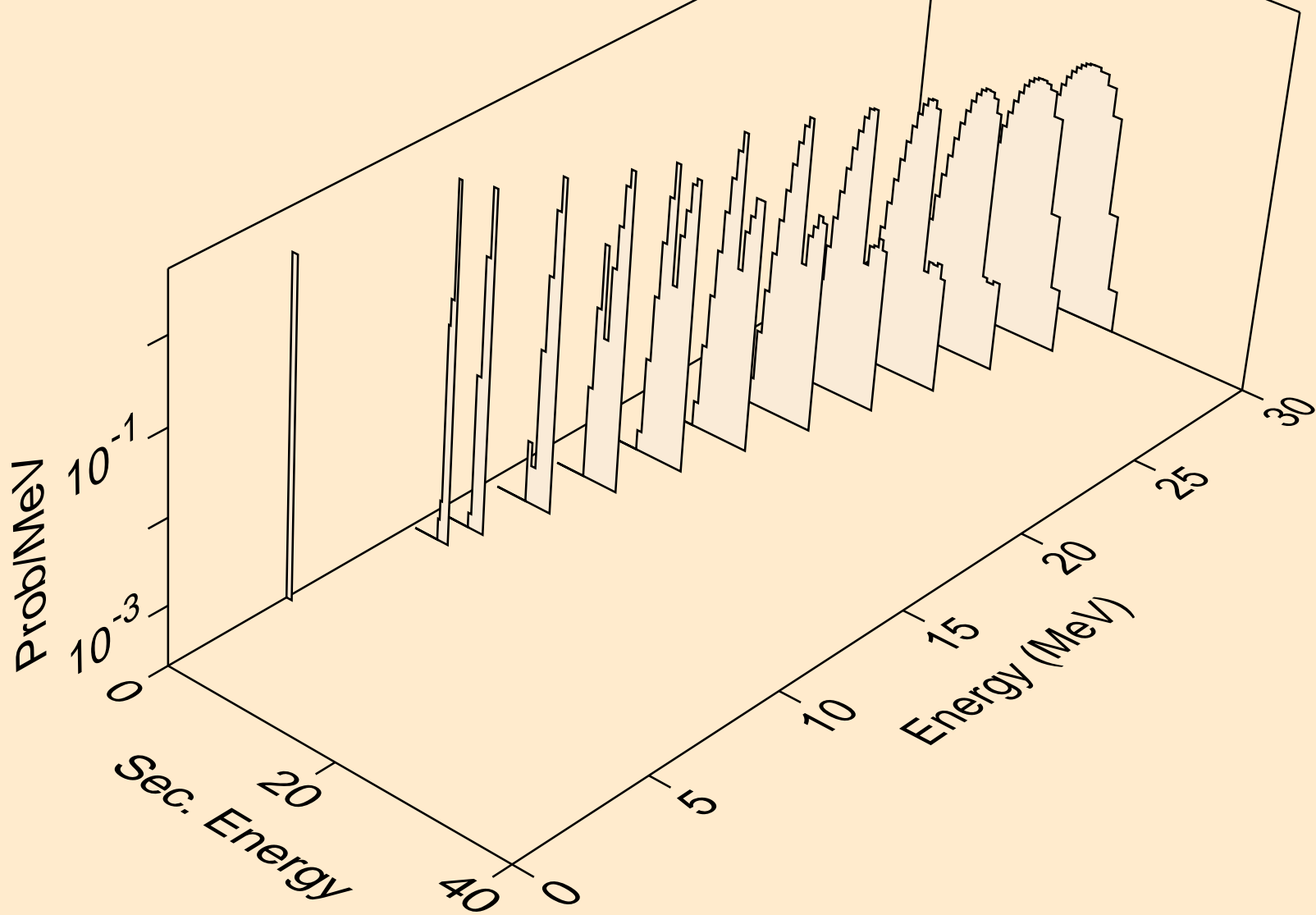




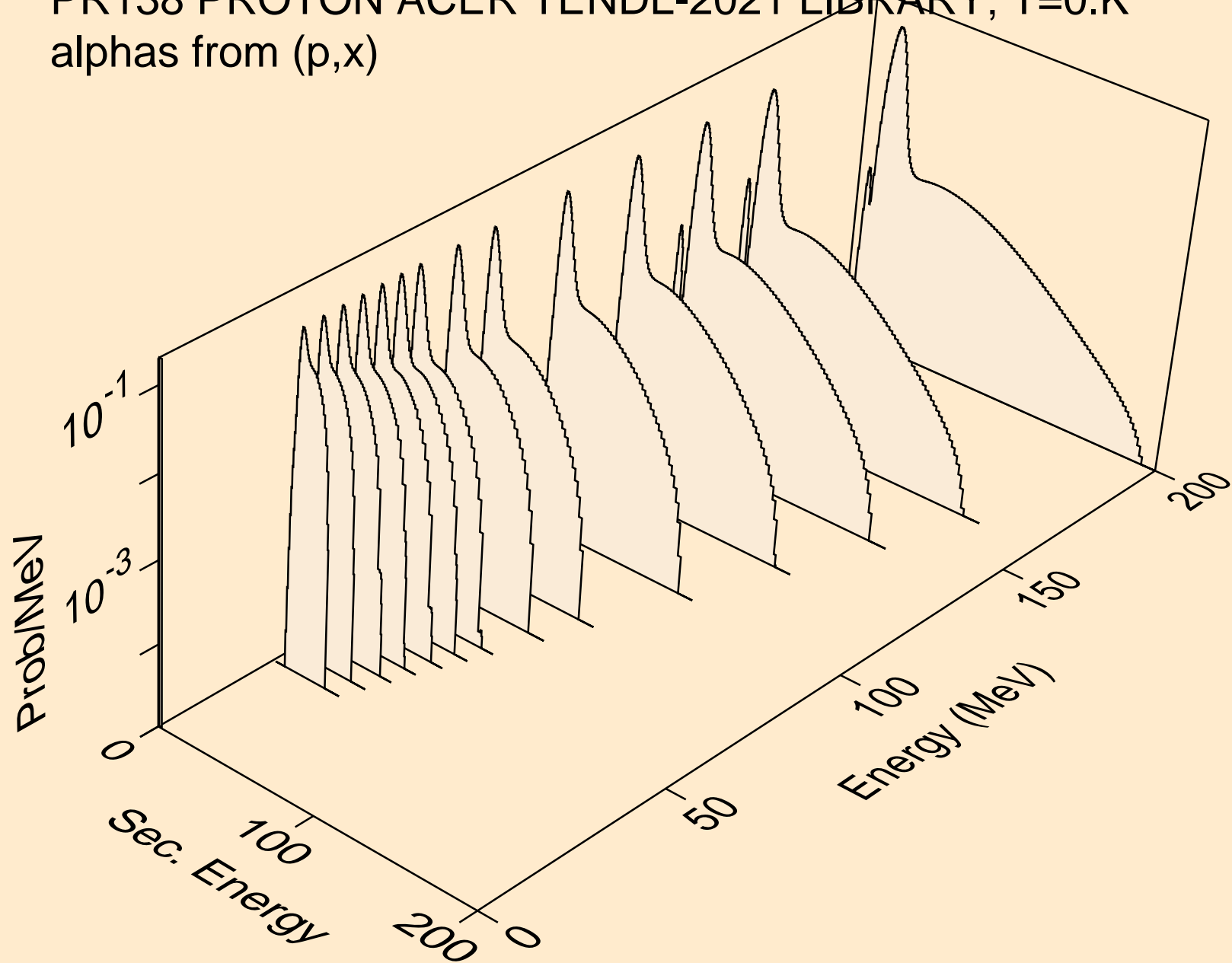
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



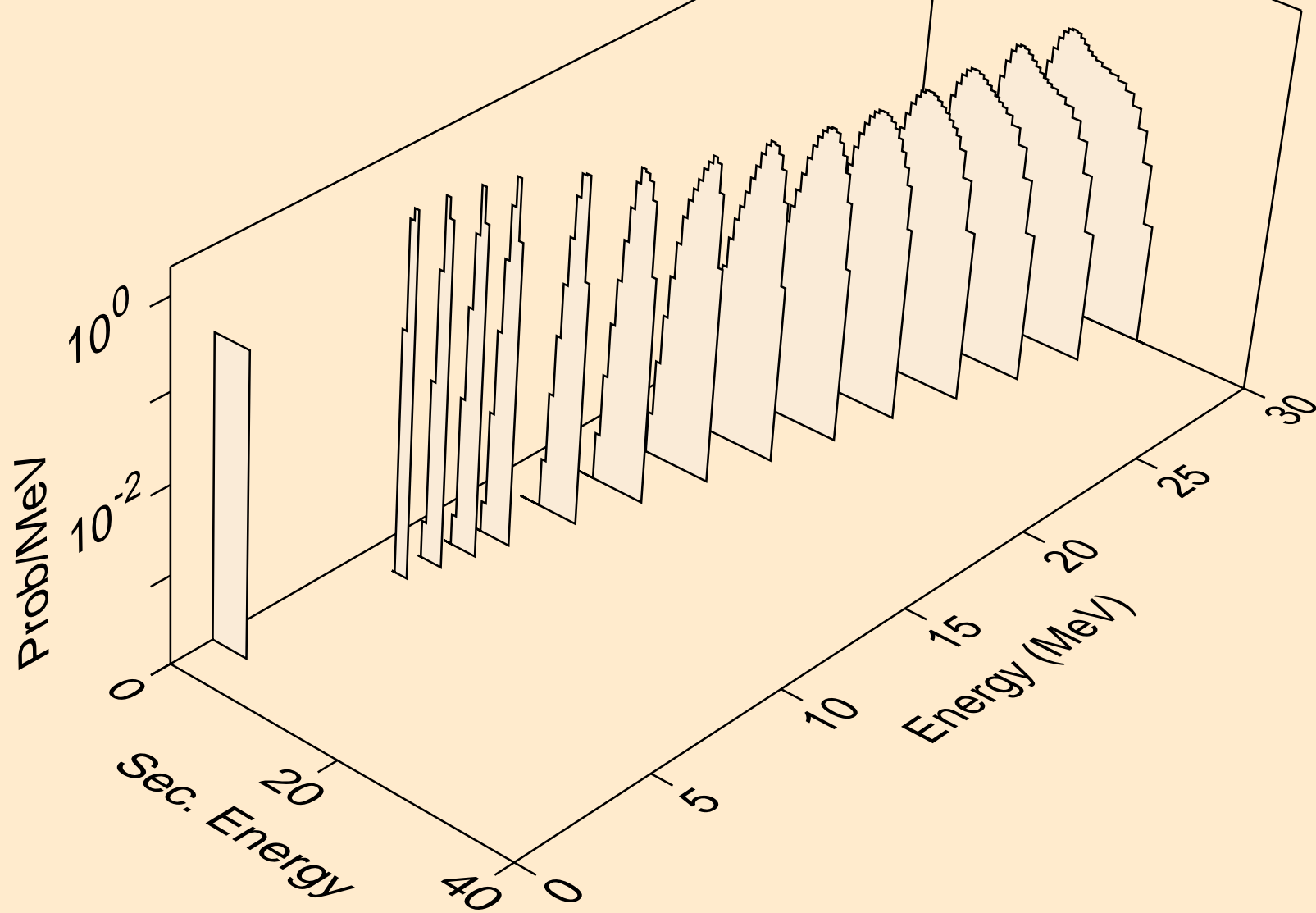
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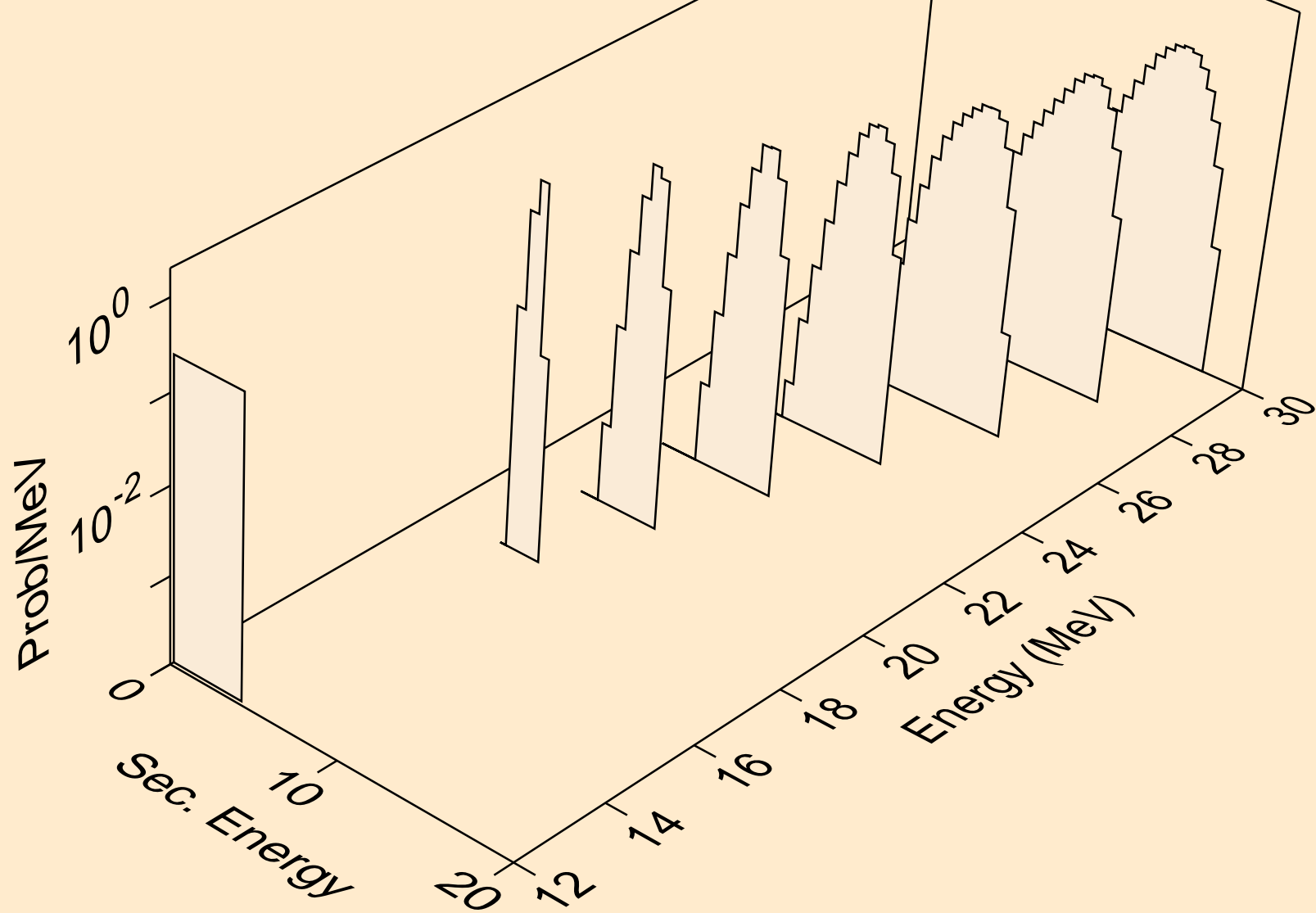
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



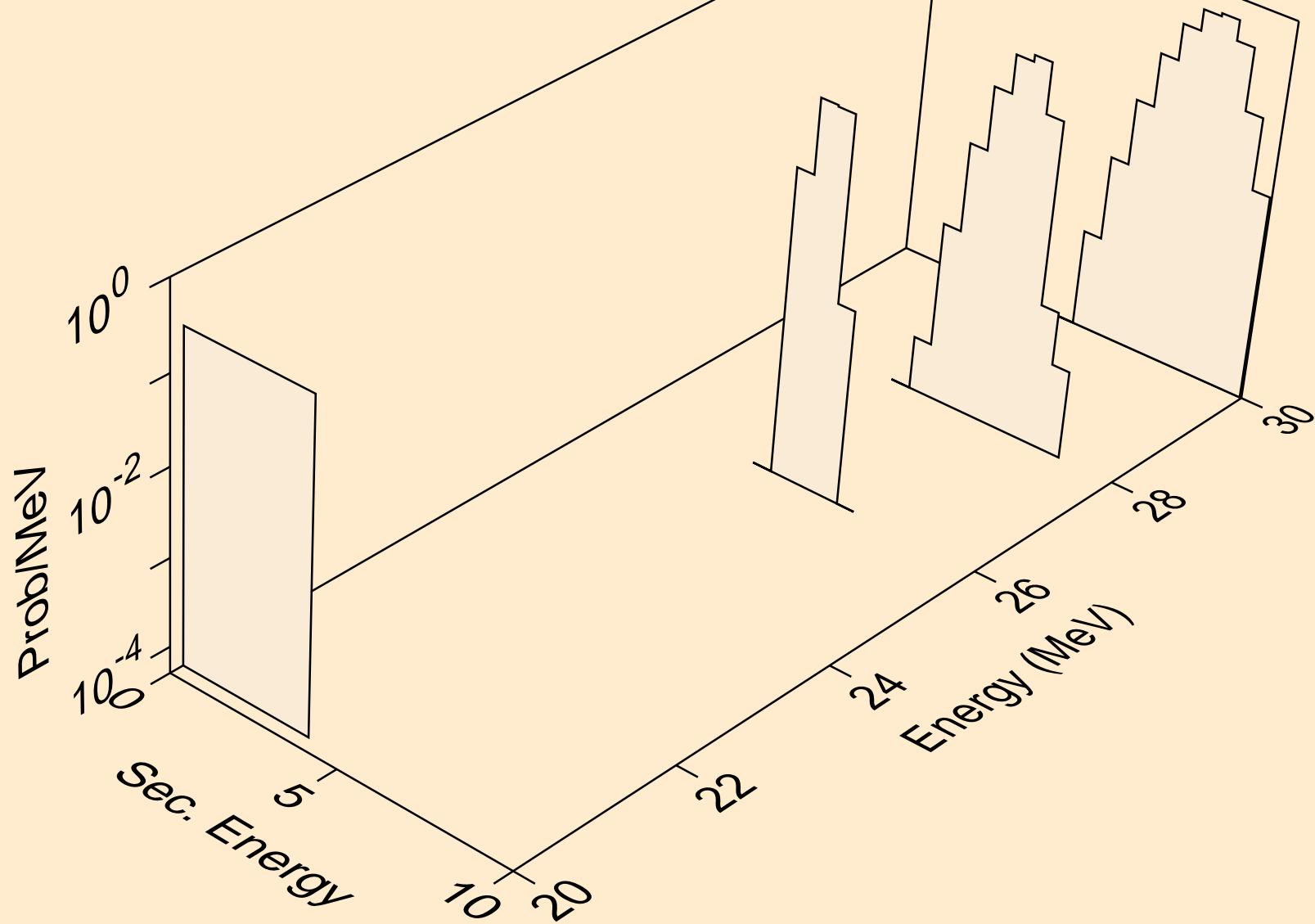
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



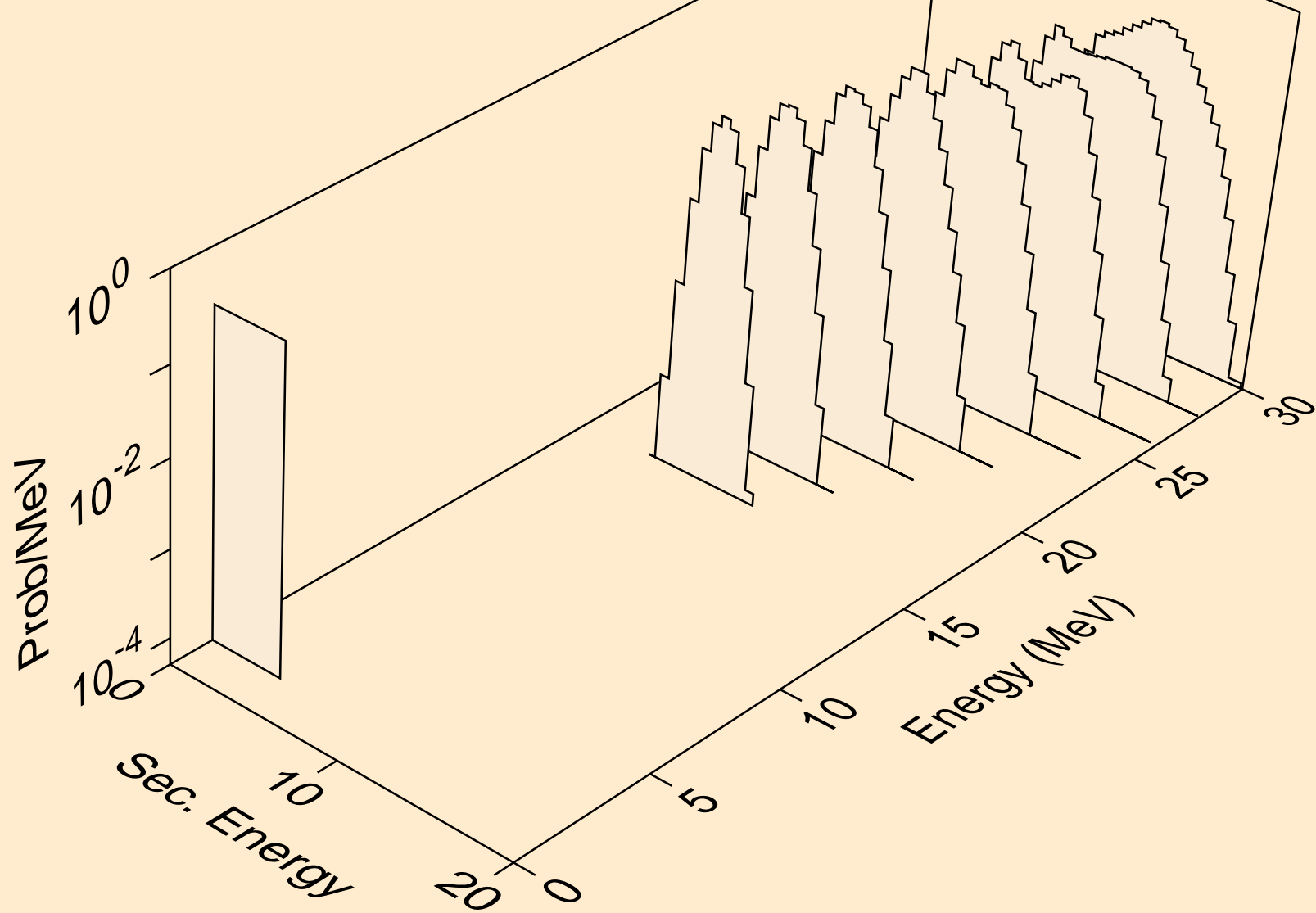
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



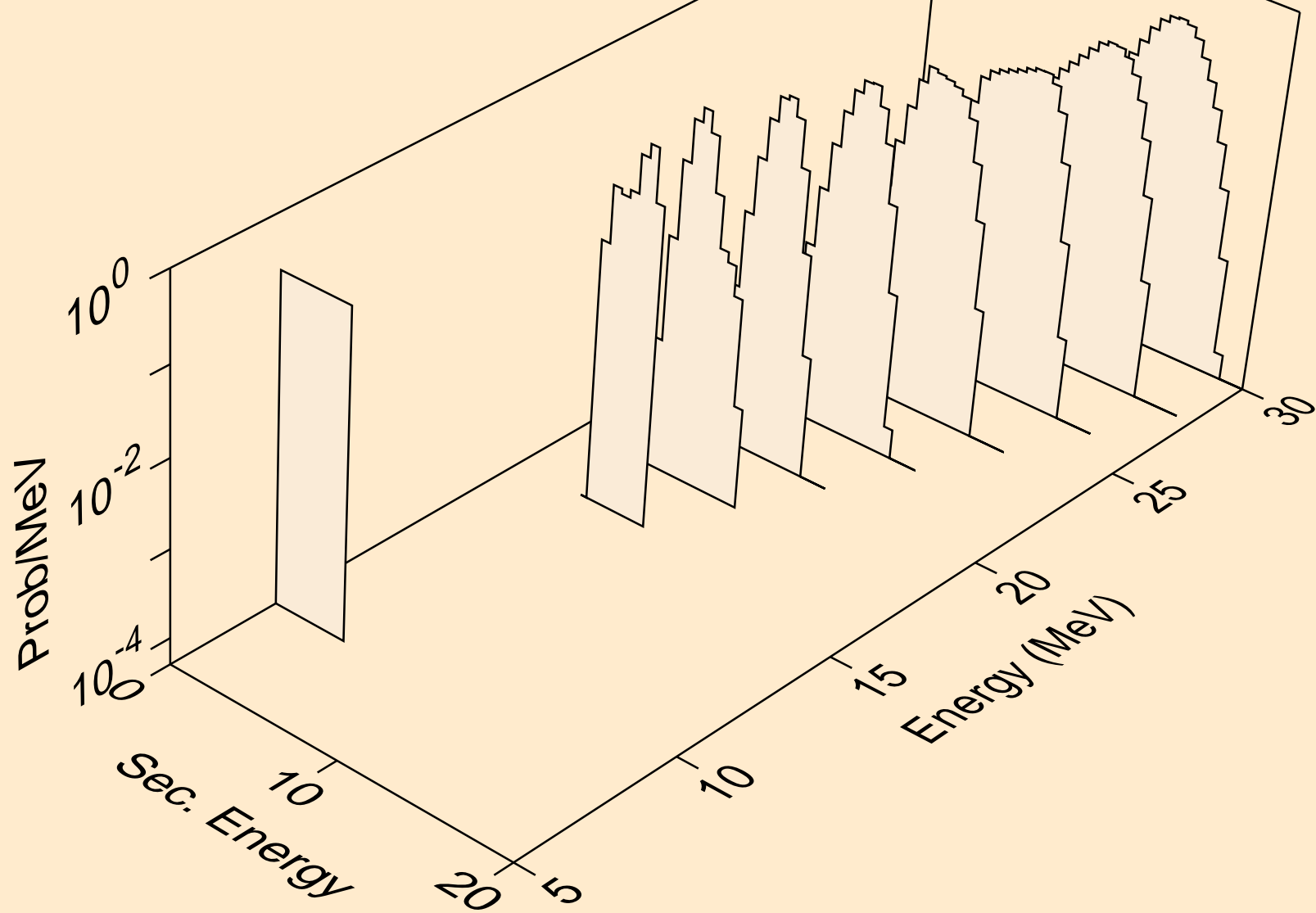
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a

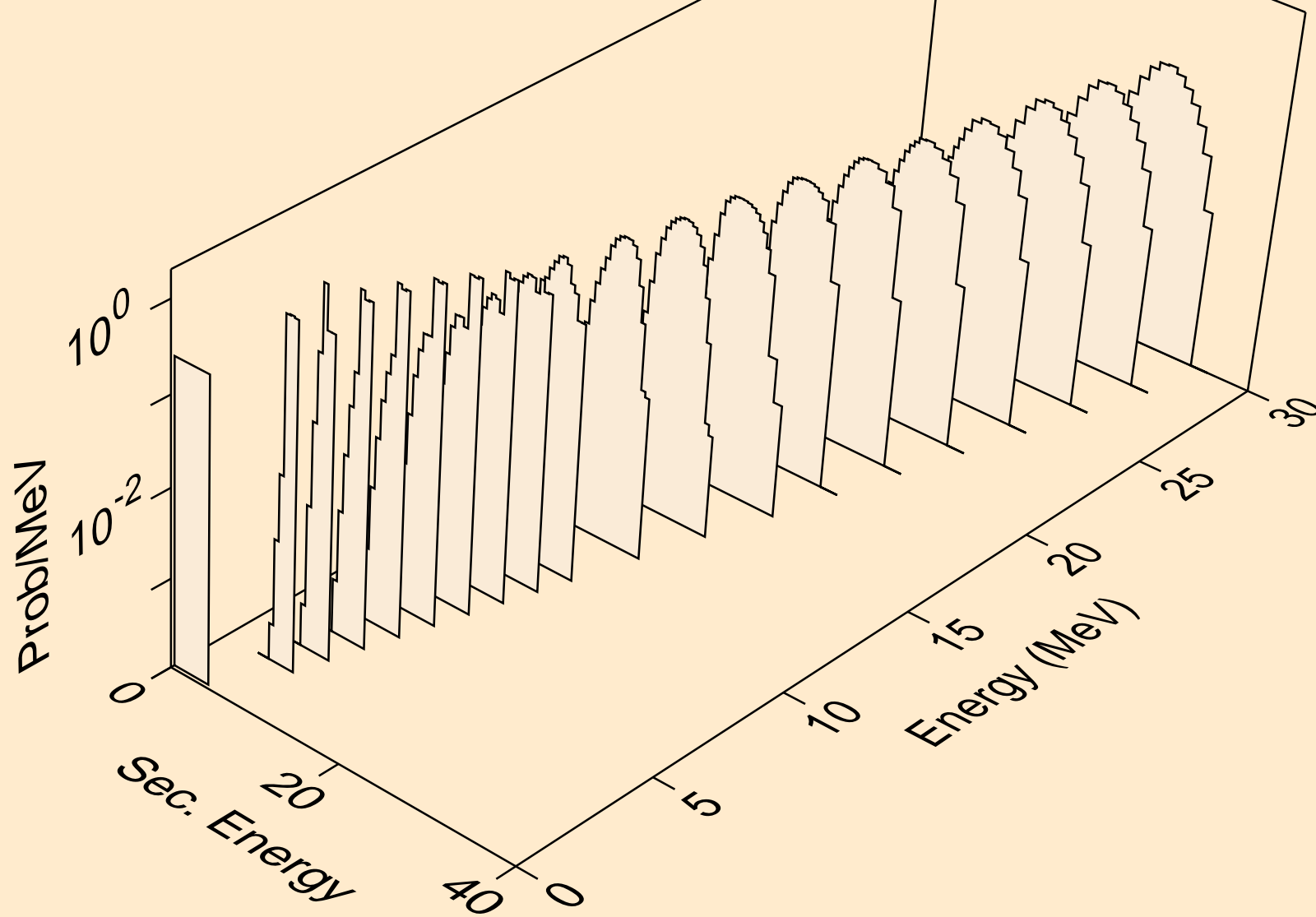


PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)

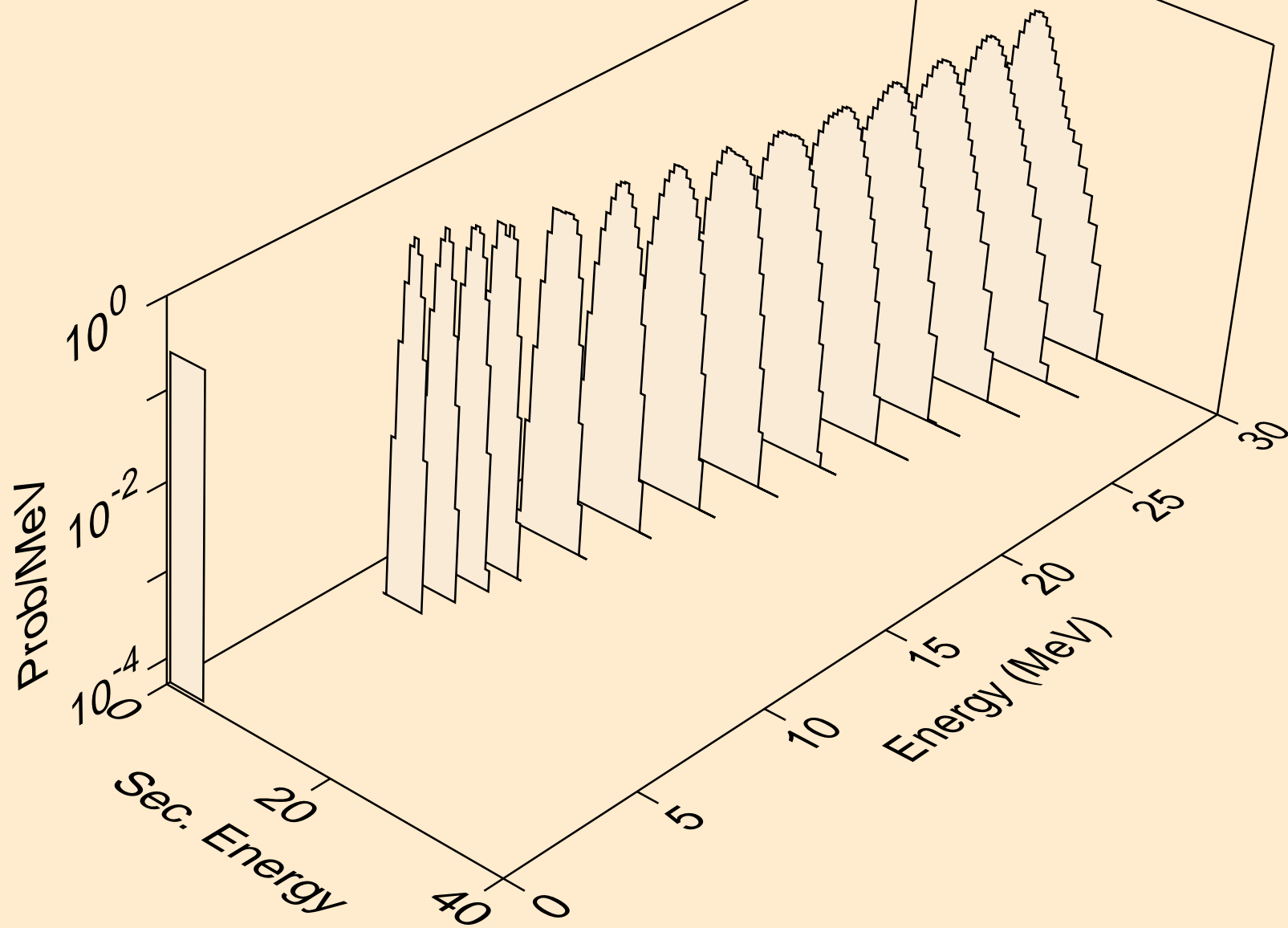




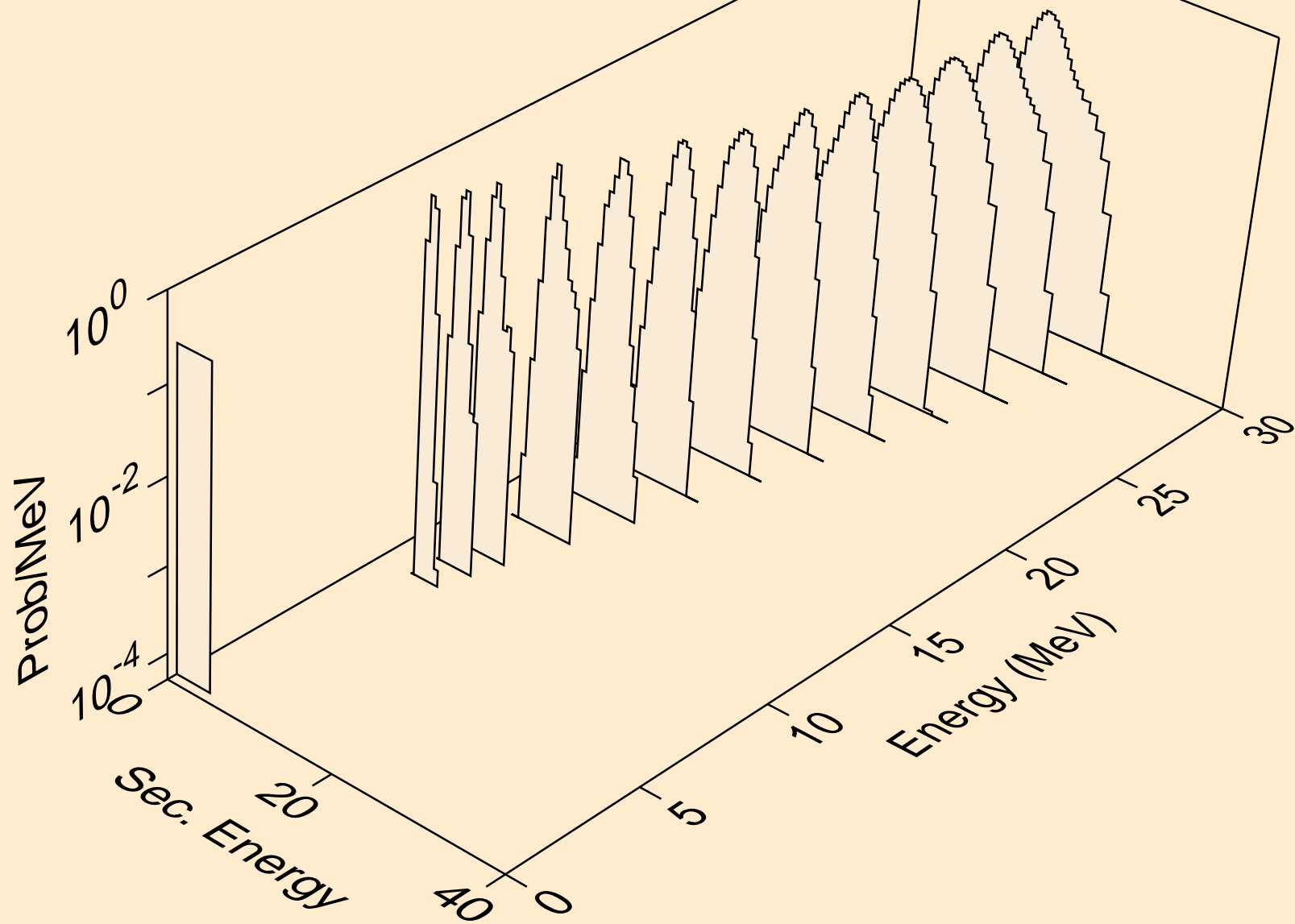
PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



PR138 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

