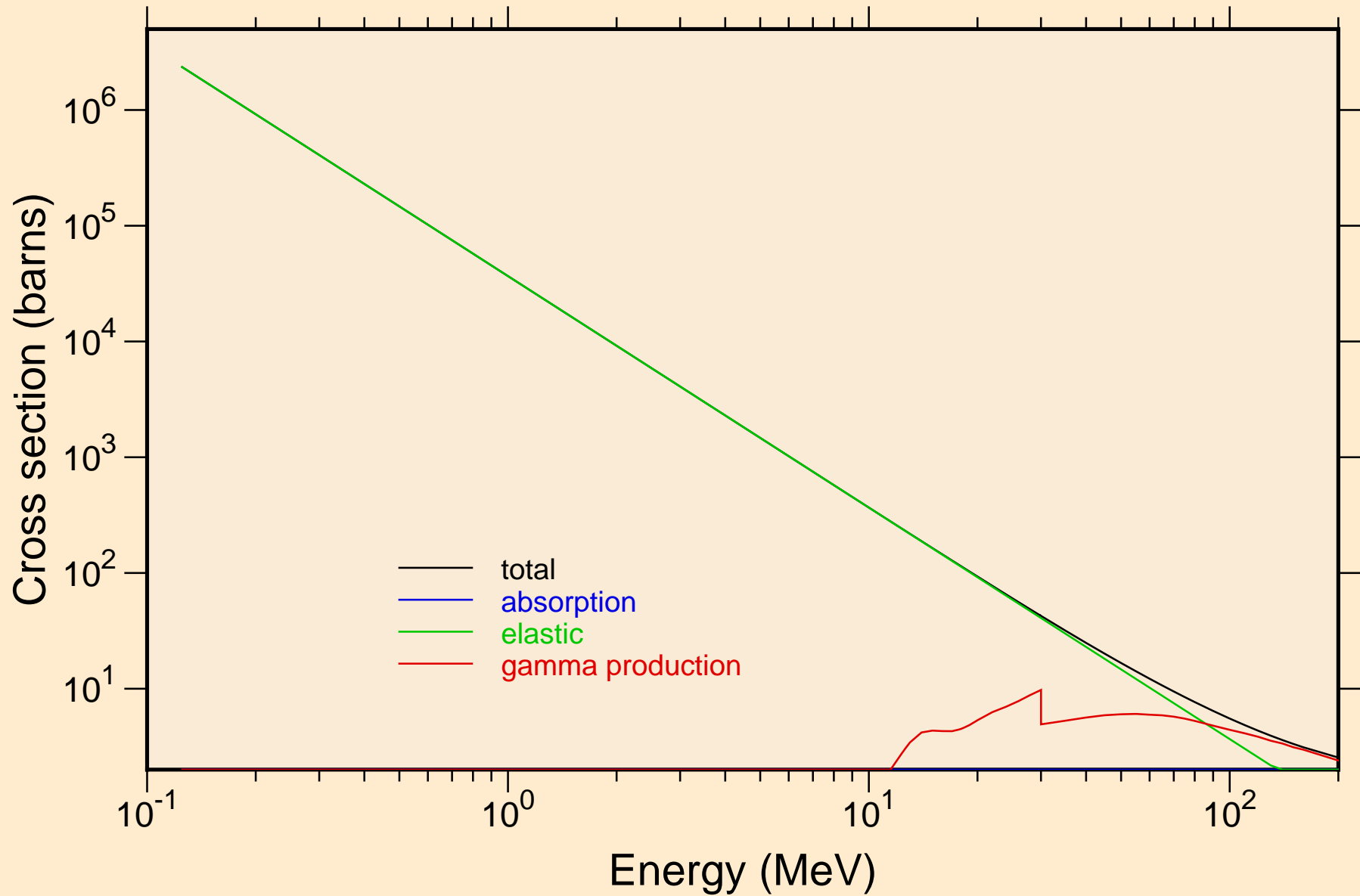
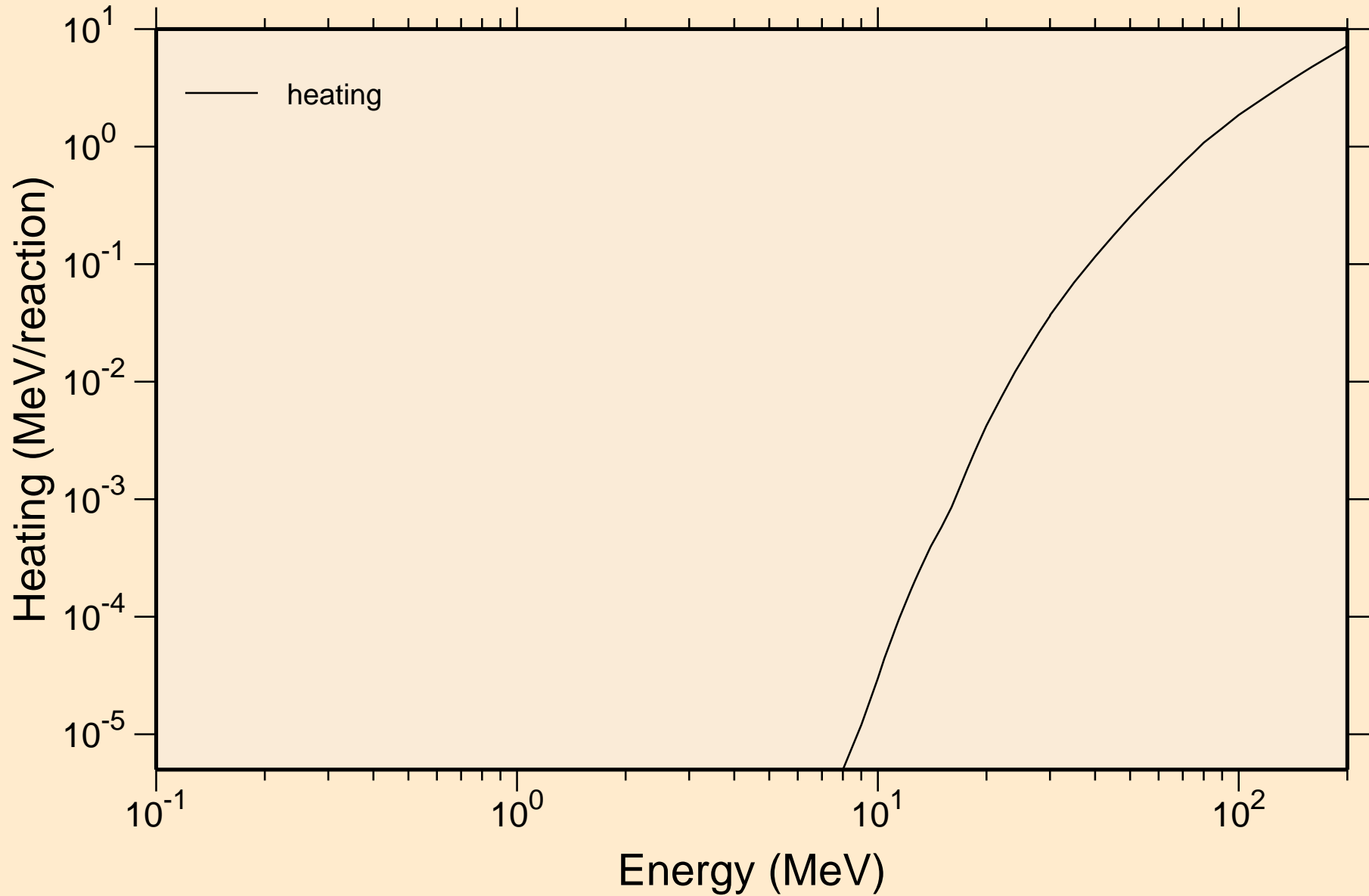


IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

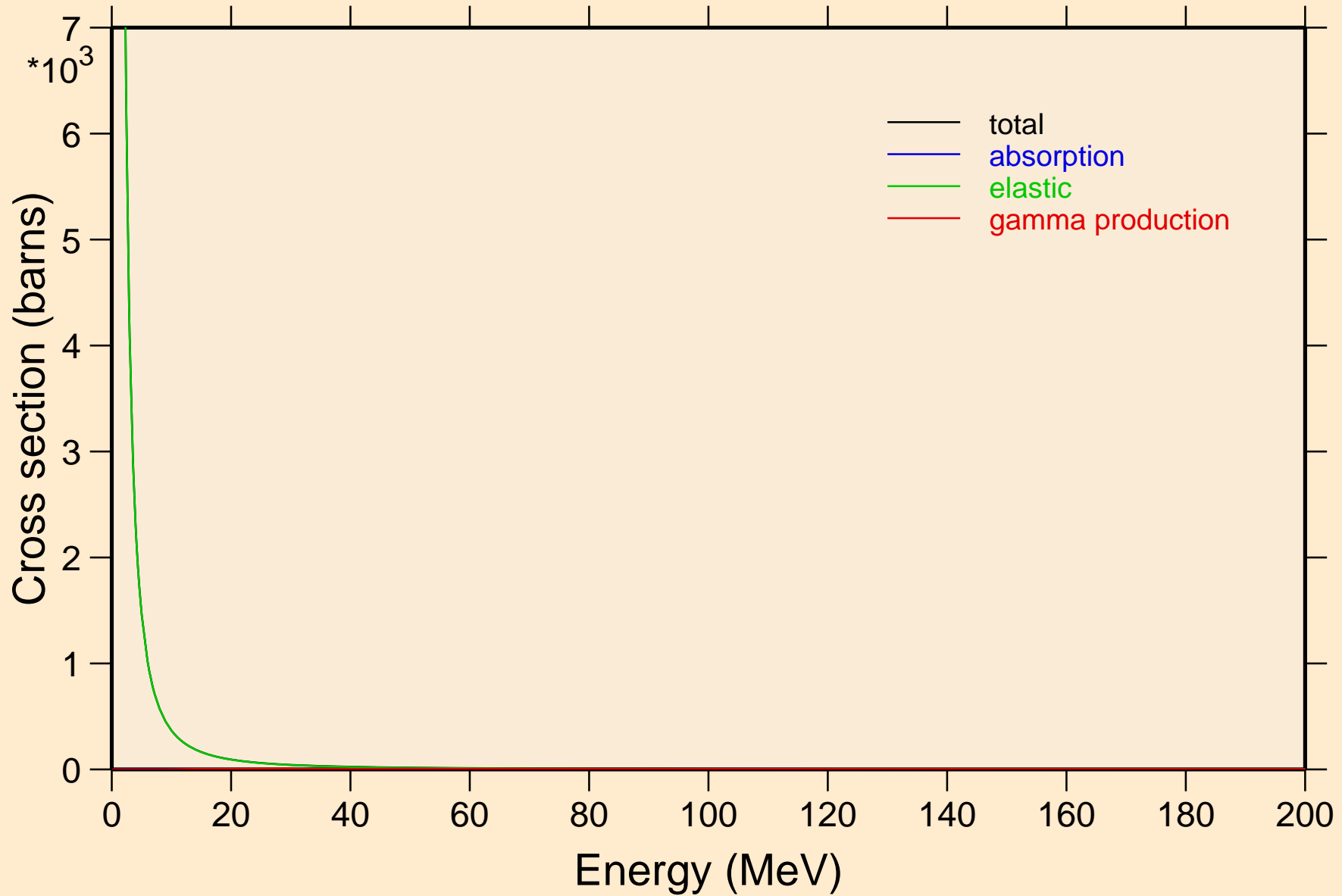


# IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

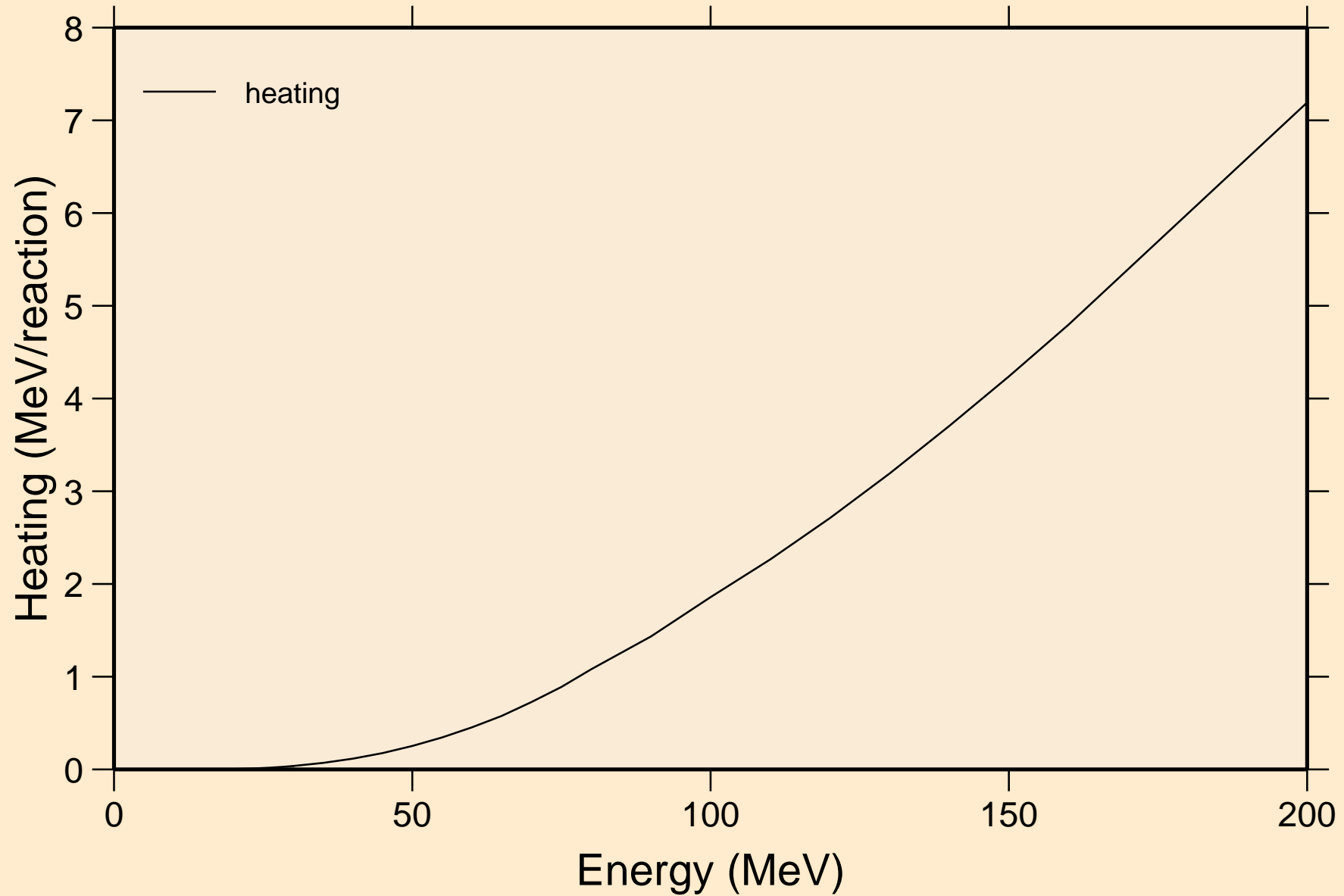


IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections

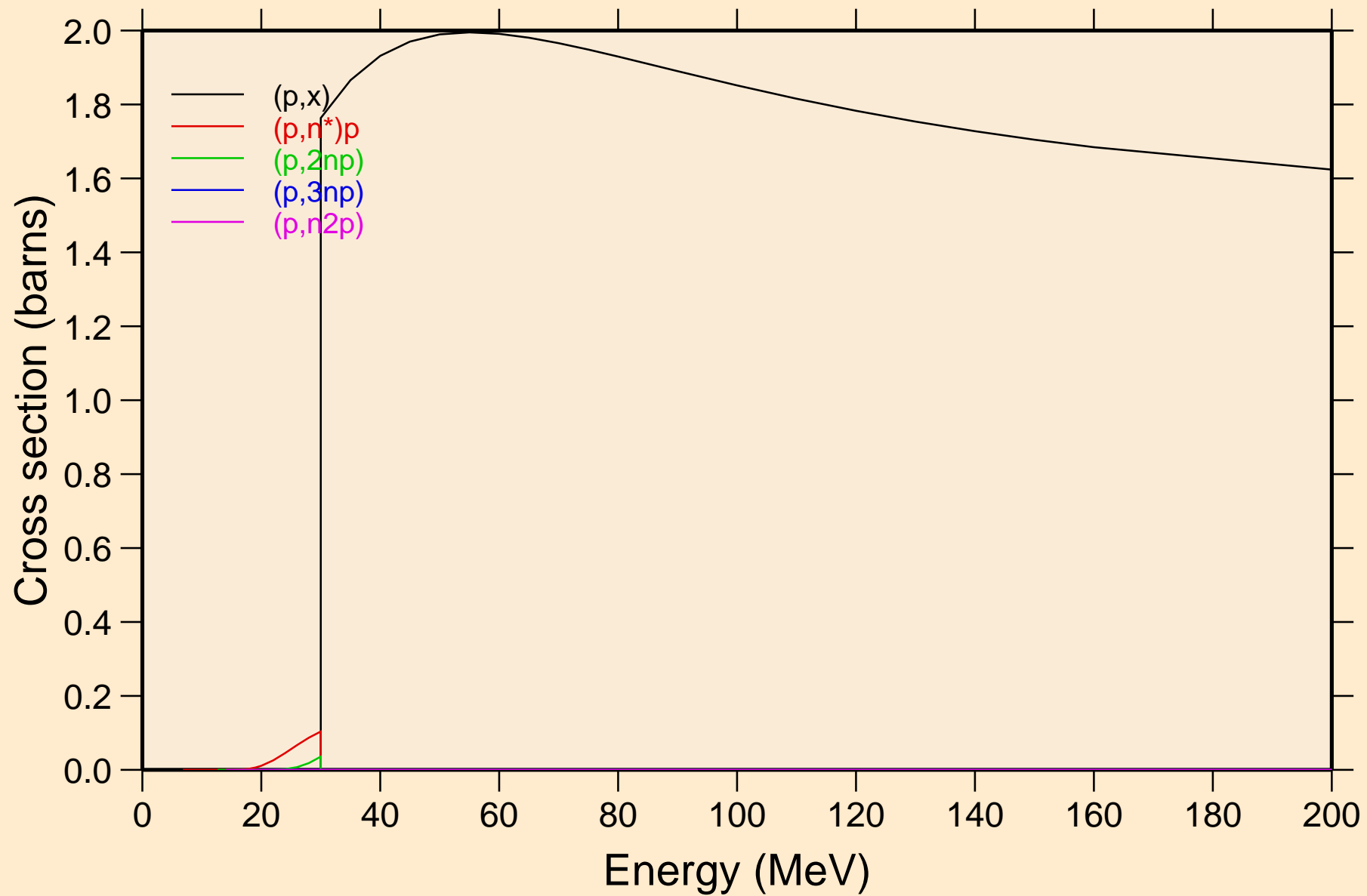


IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K

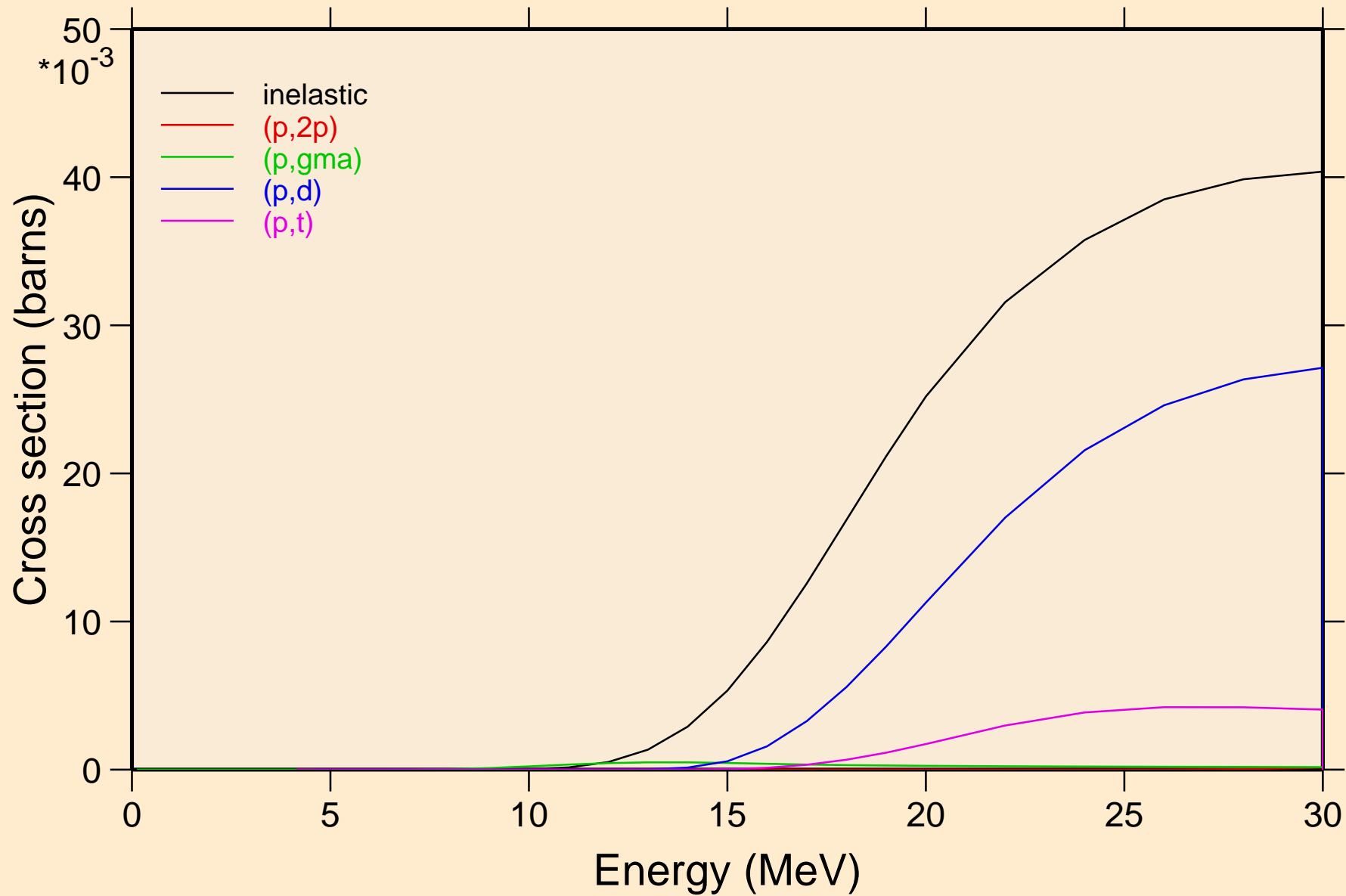
Heating



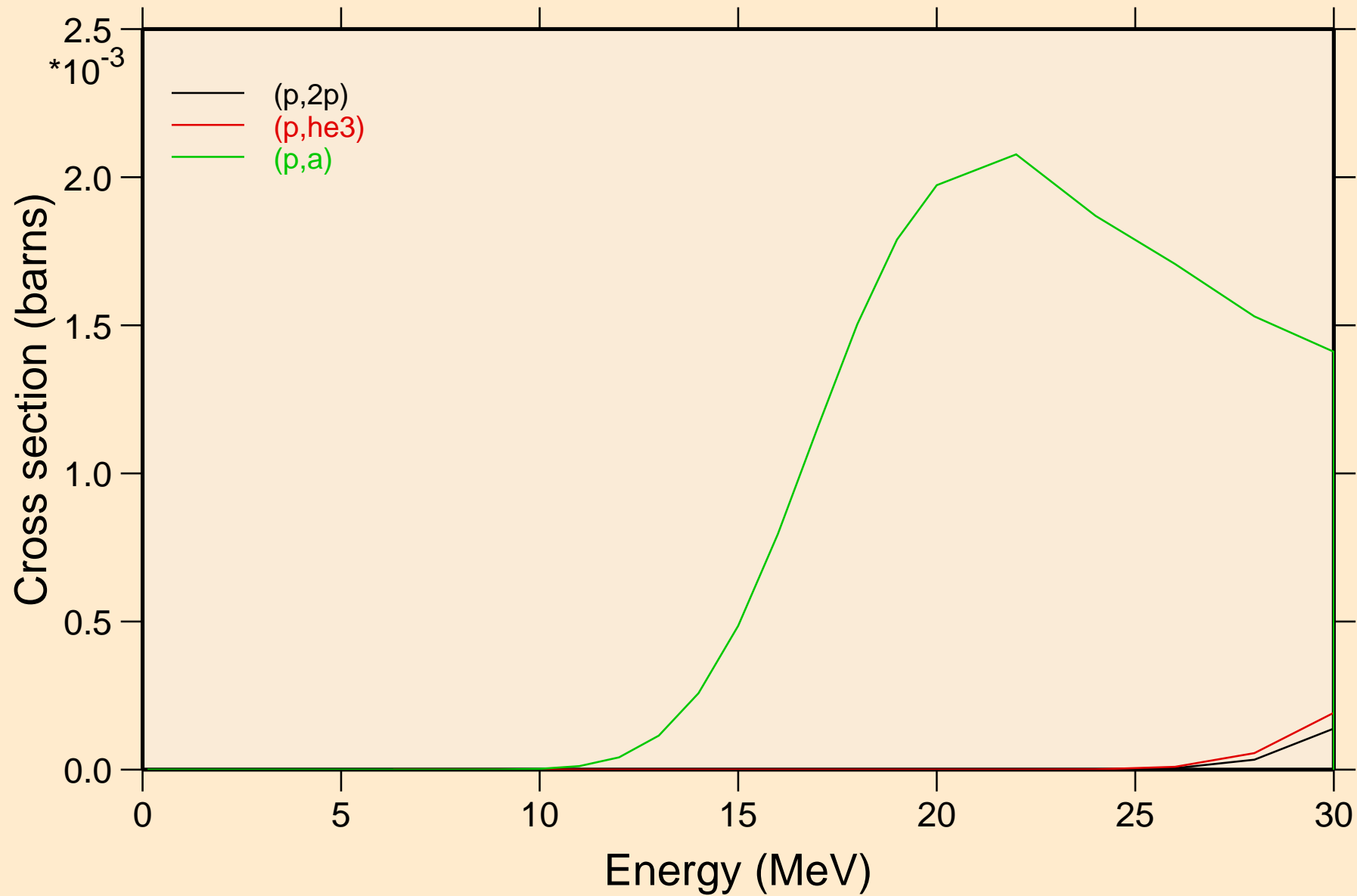
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



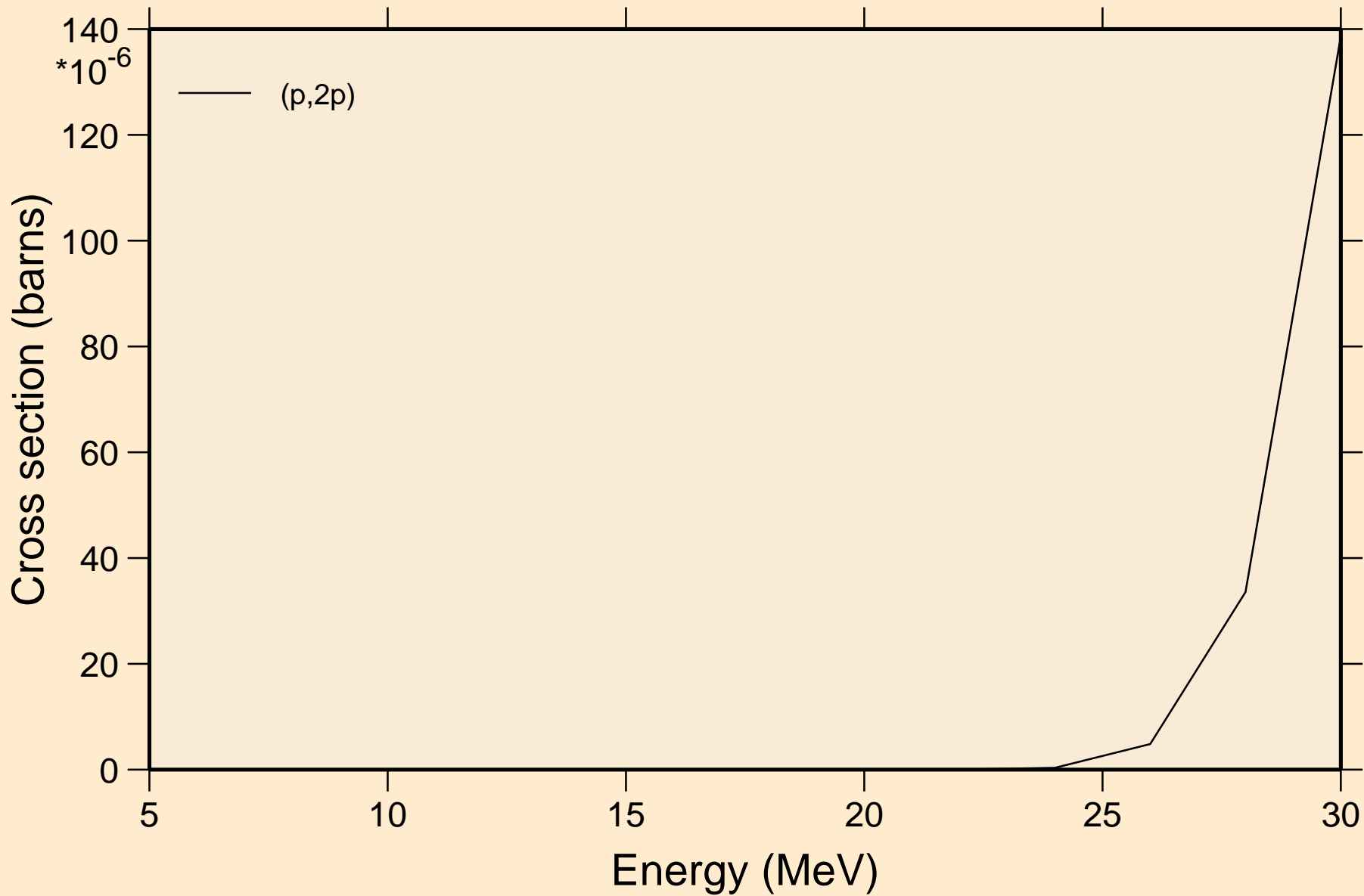
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



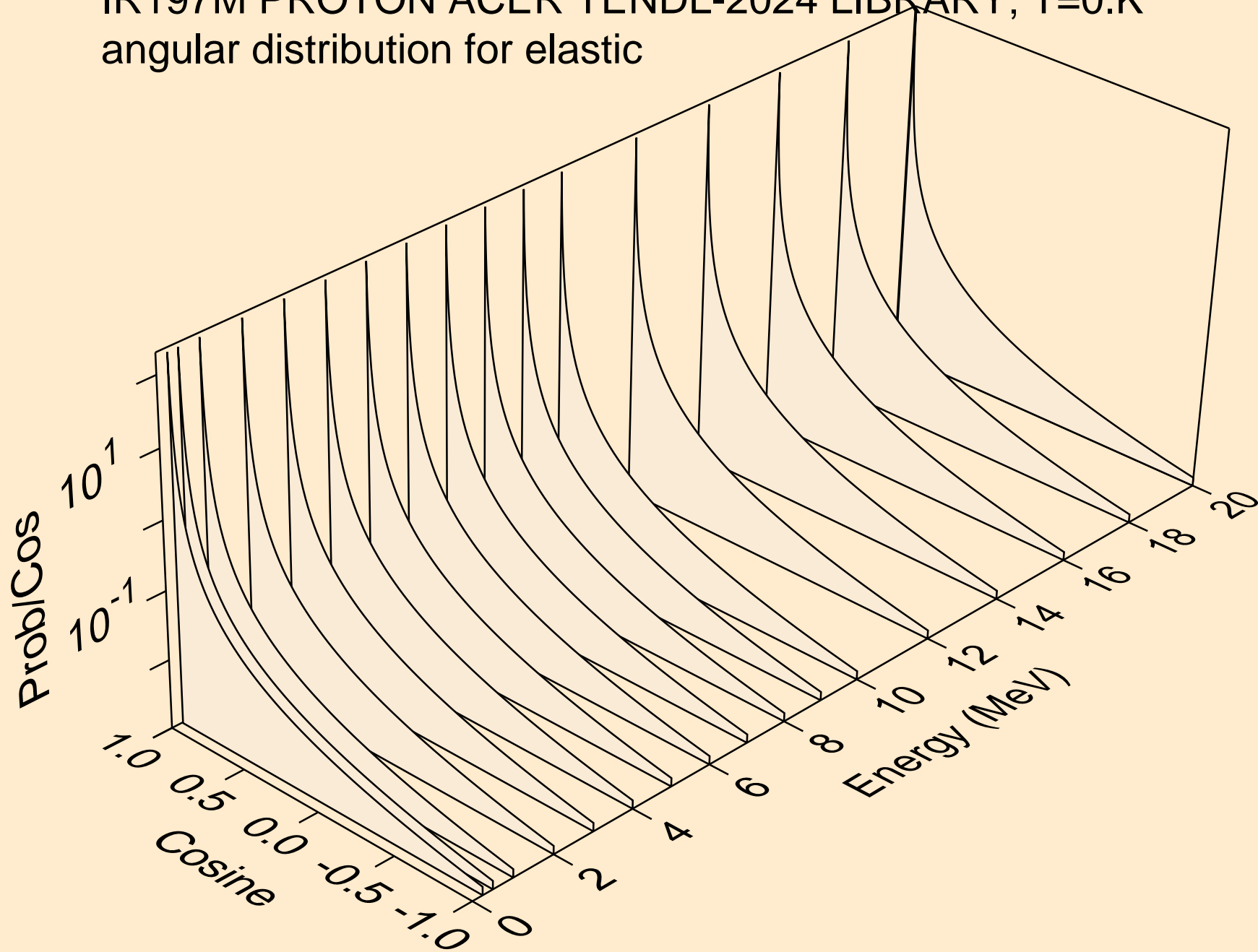
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



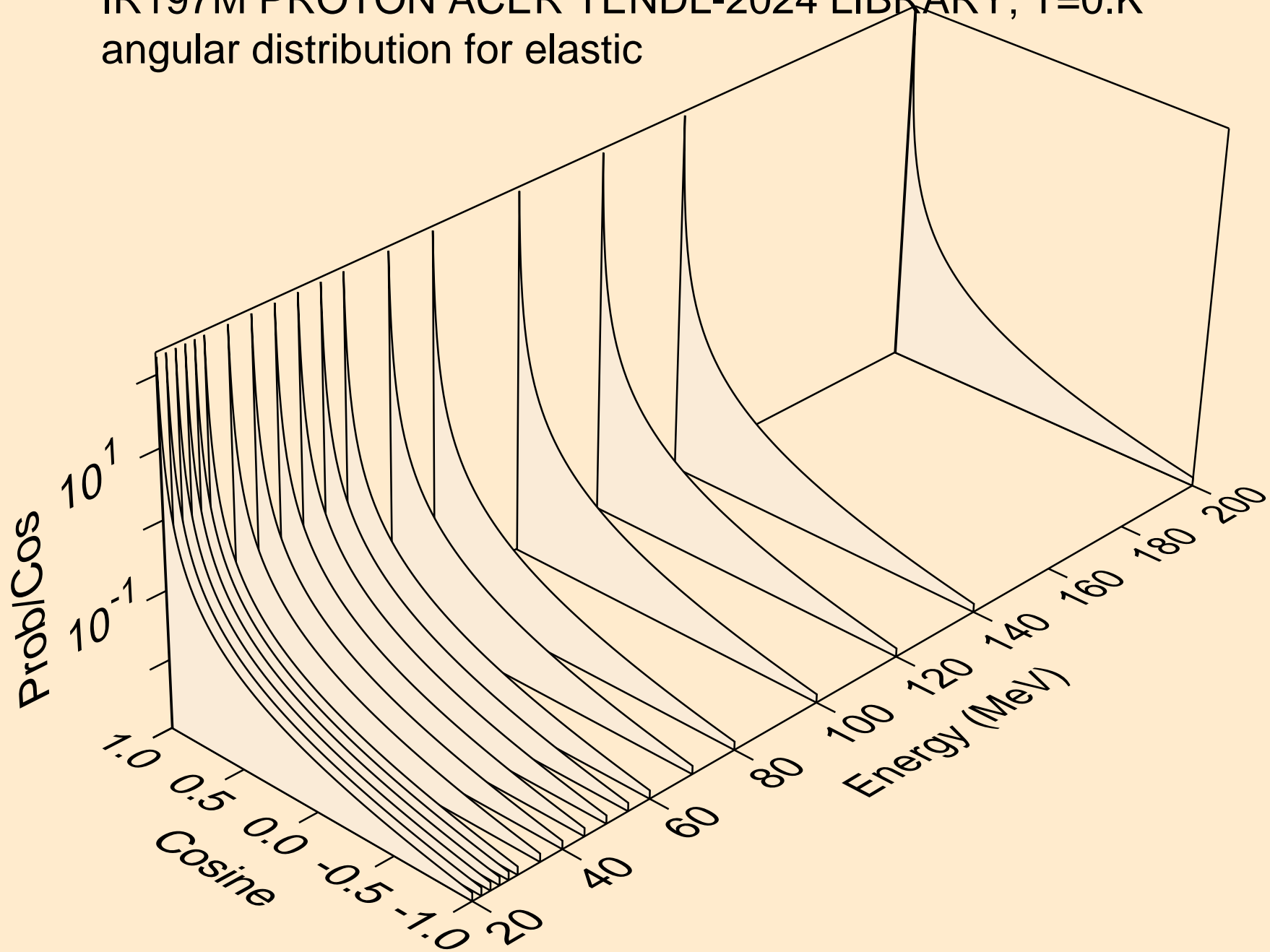
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



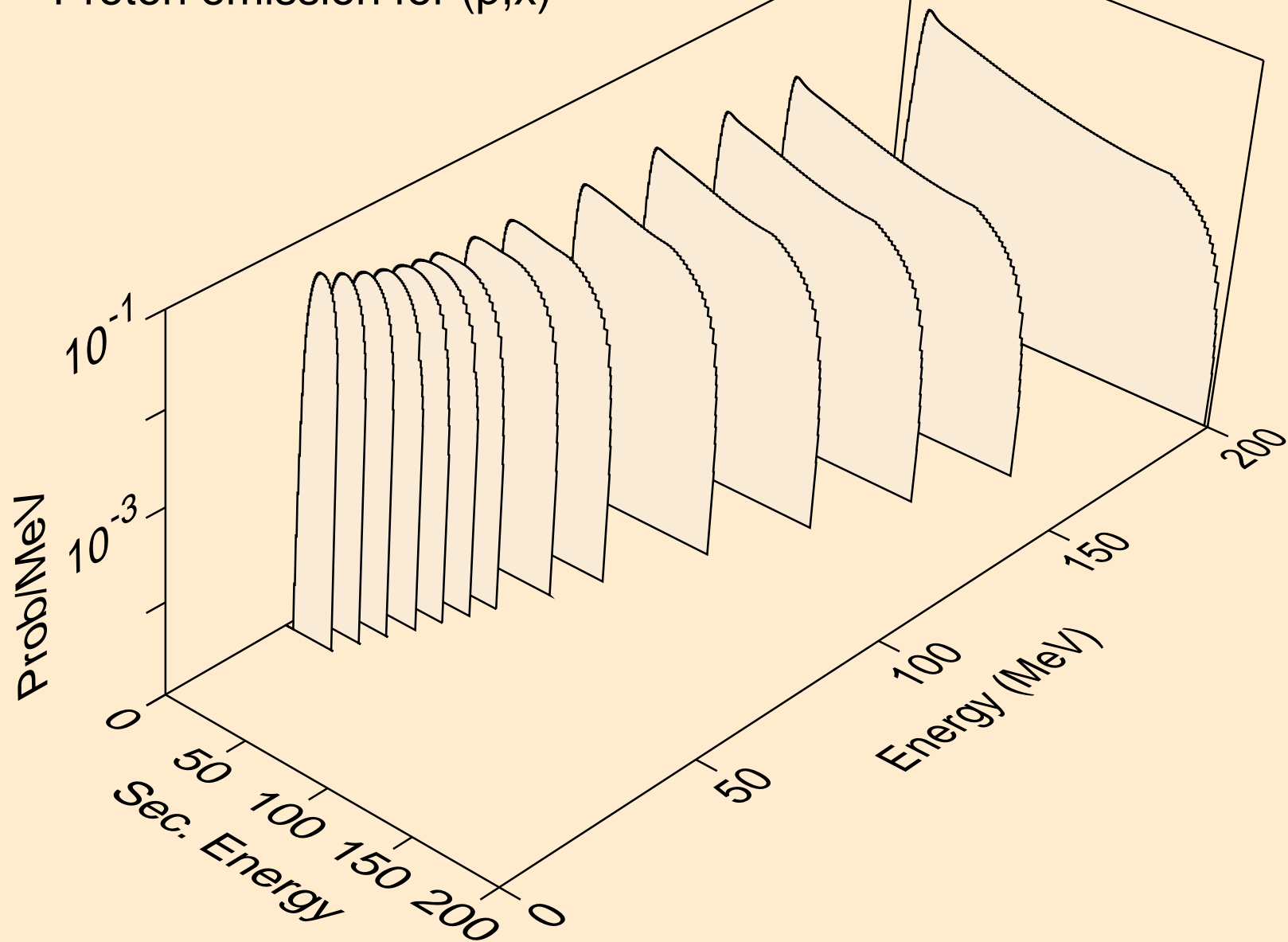
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



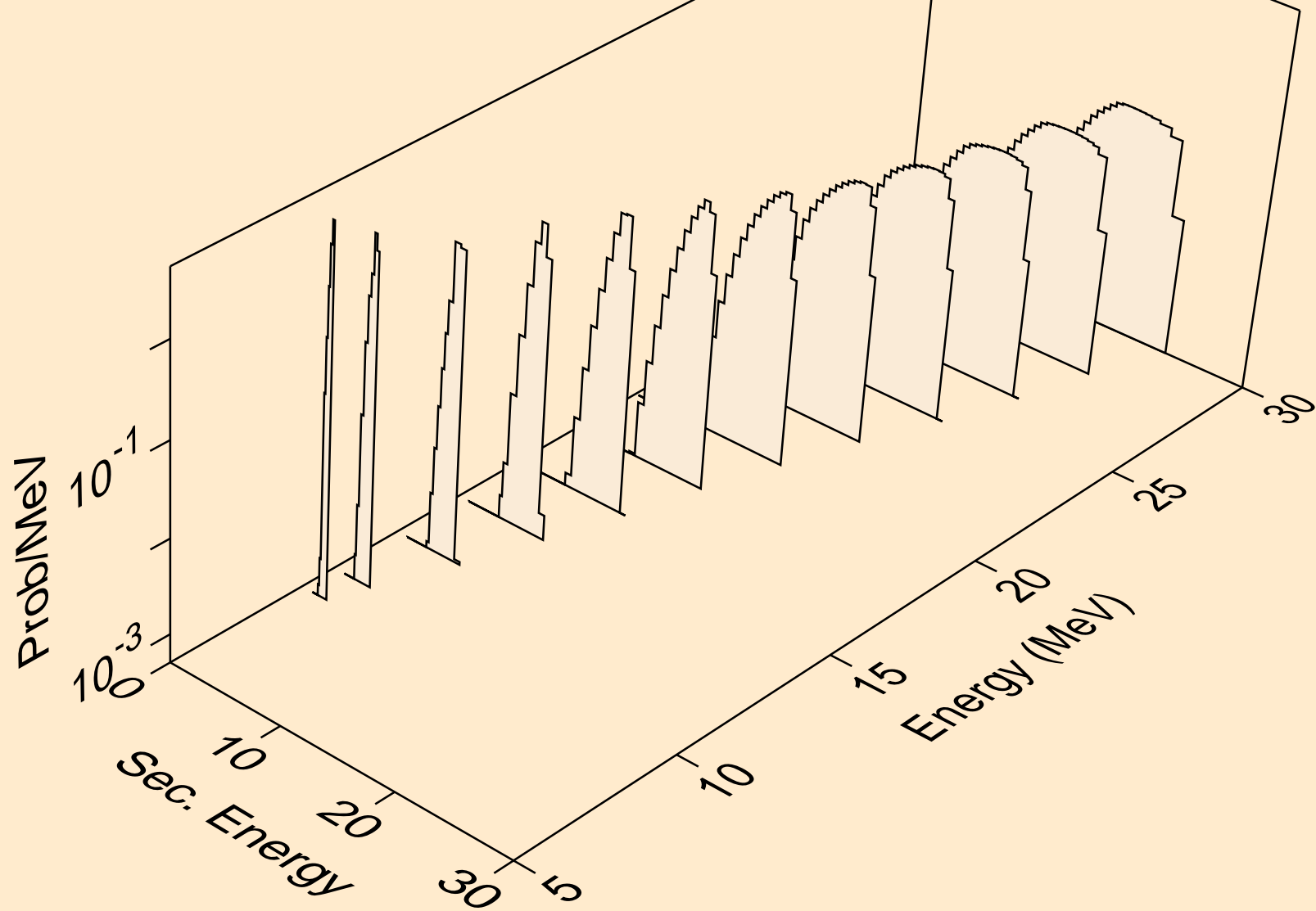
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



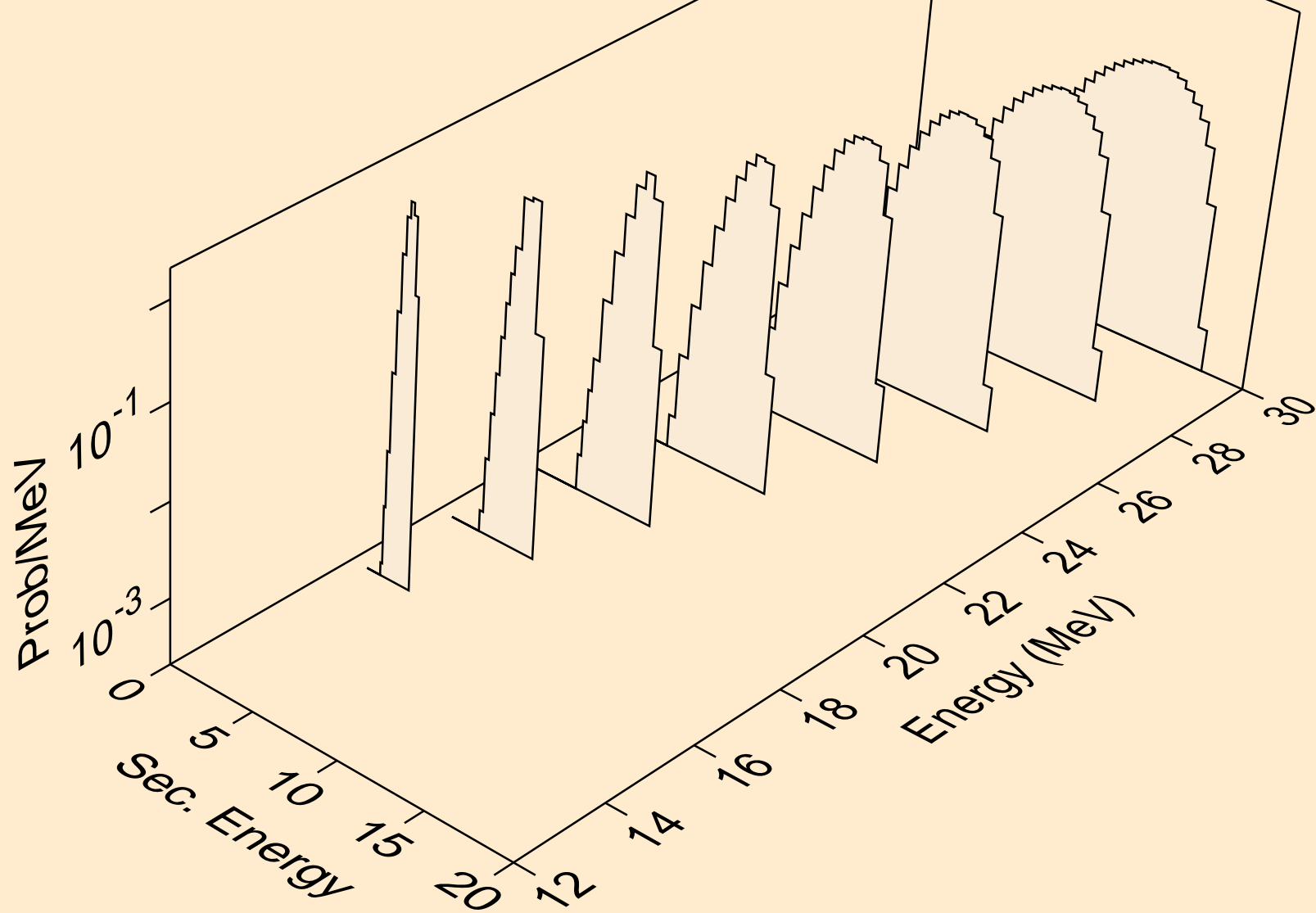
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



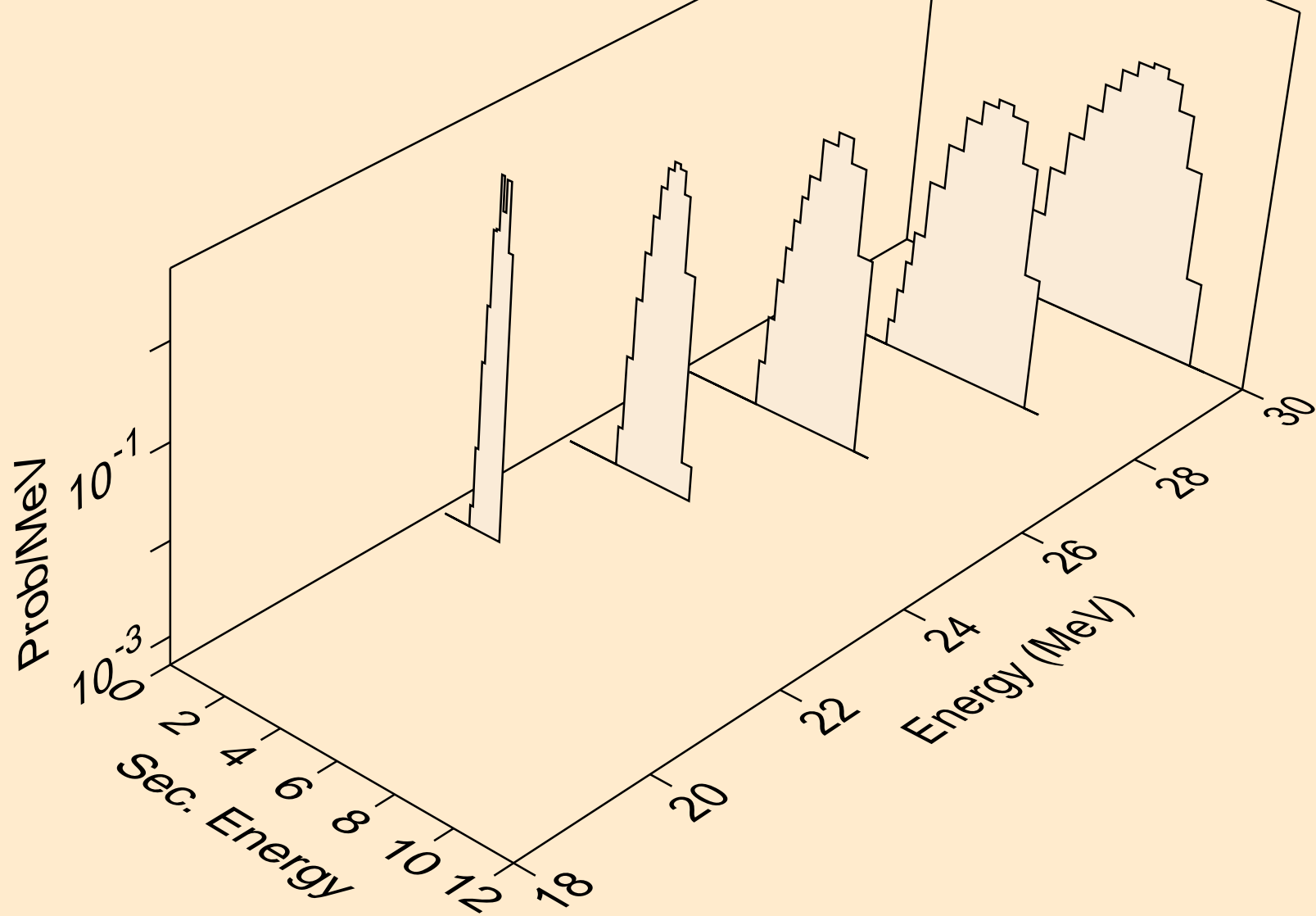
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



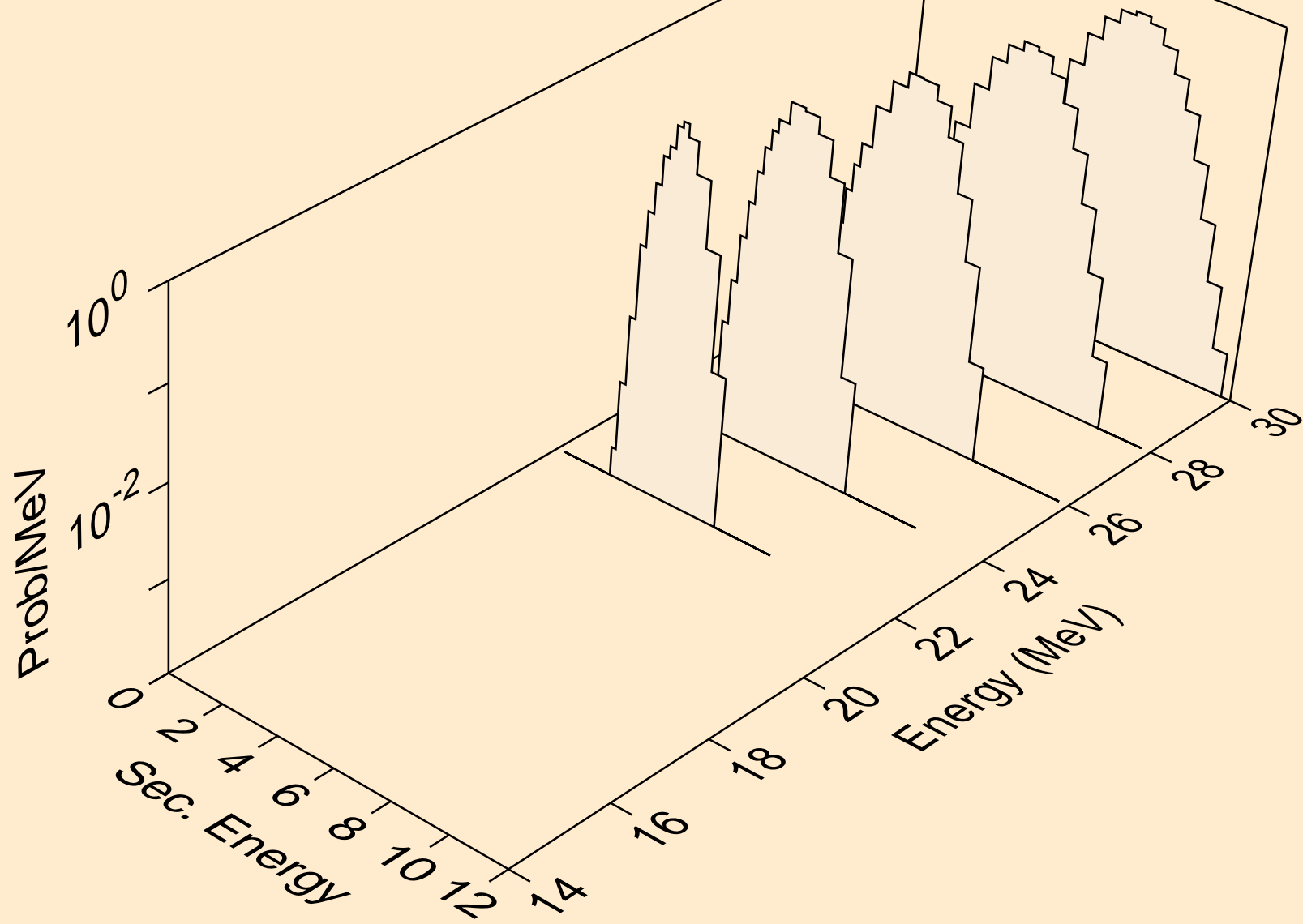
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



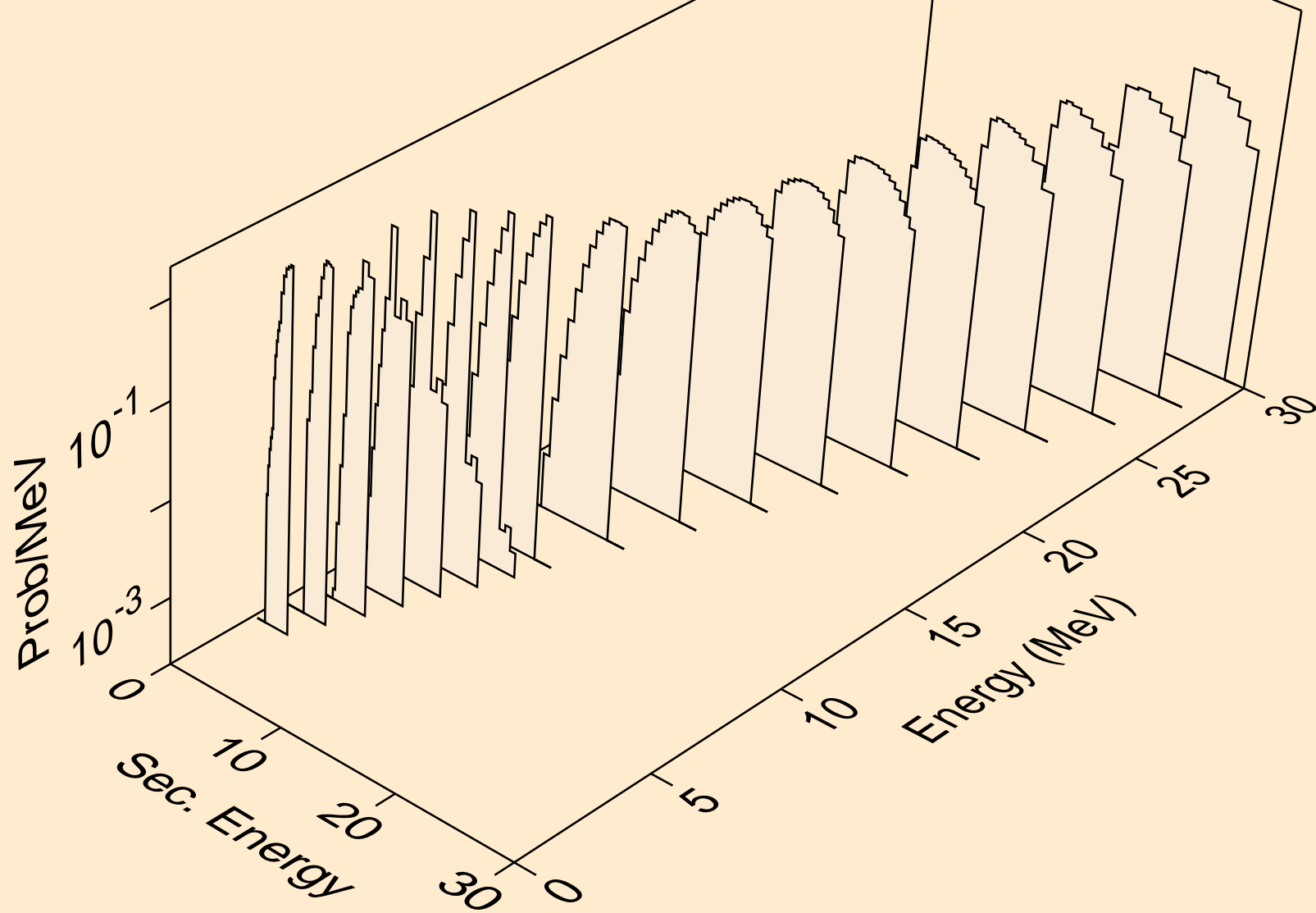
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,3np)



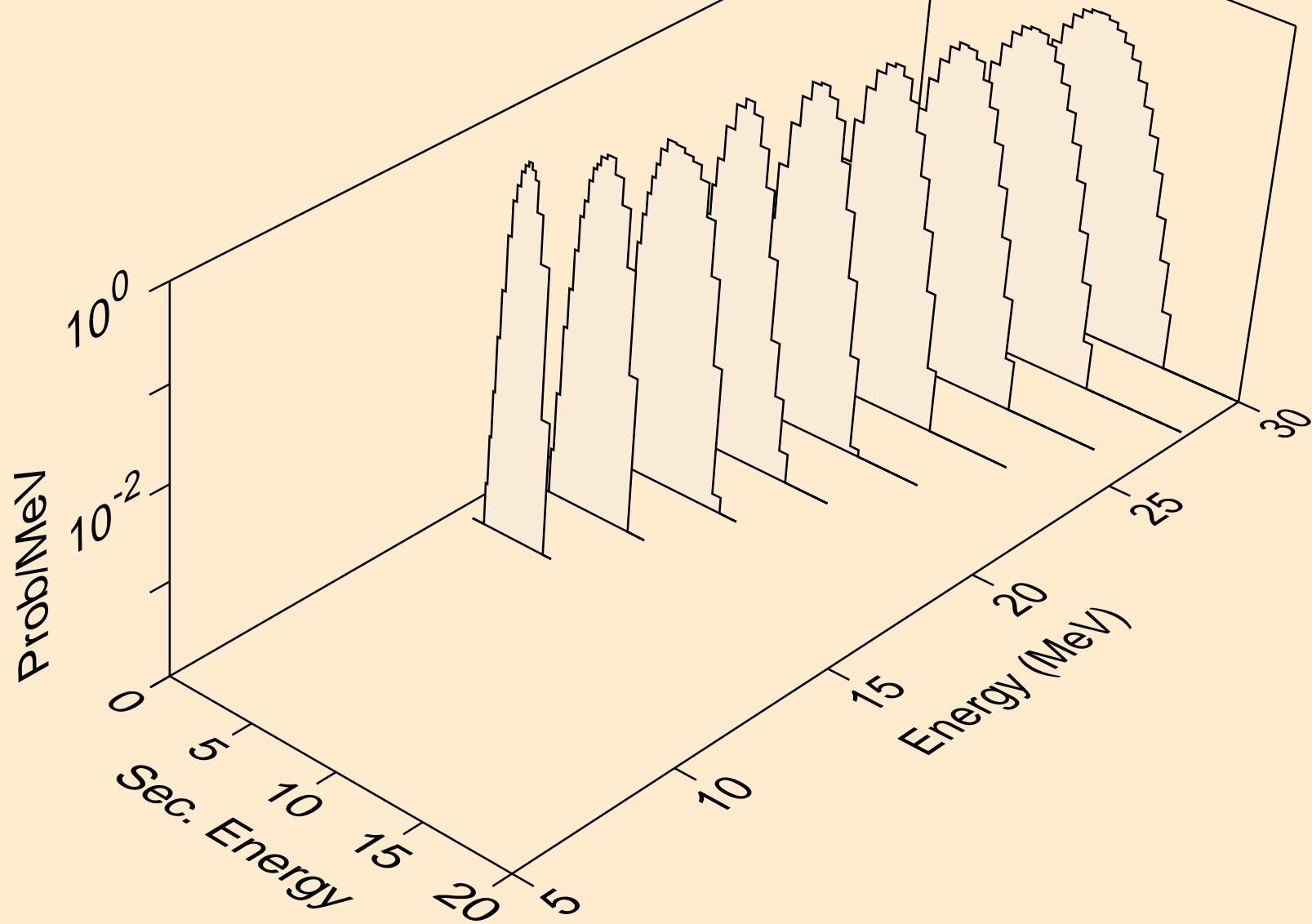
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n2p)



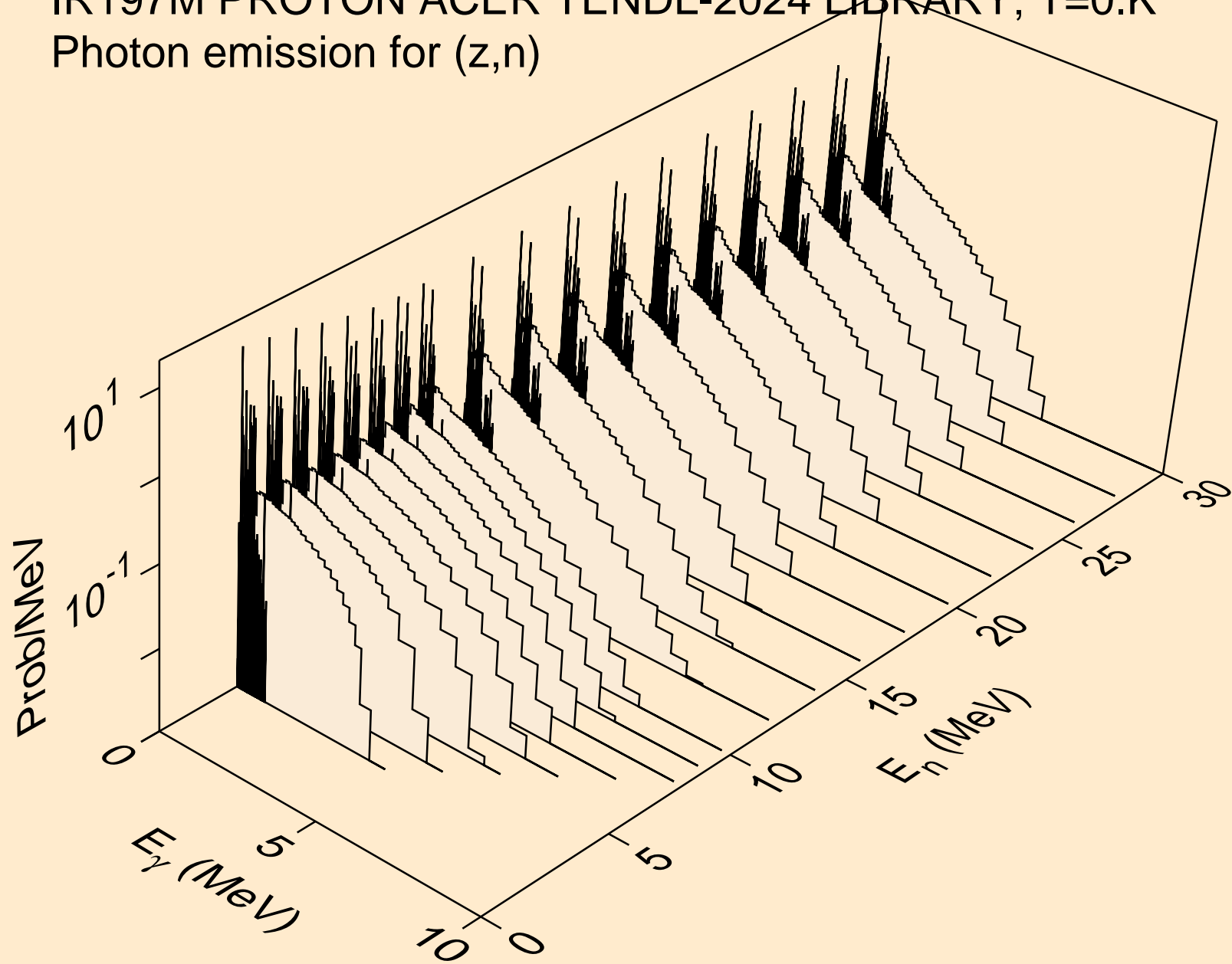
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



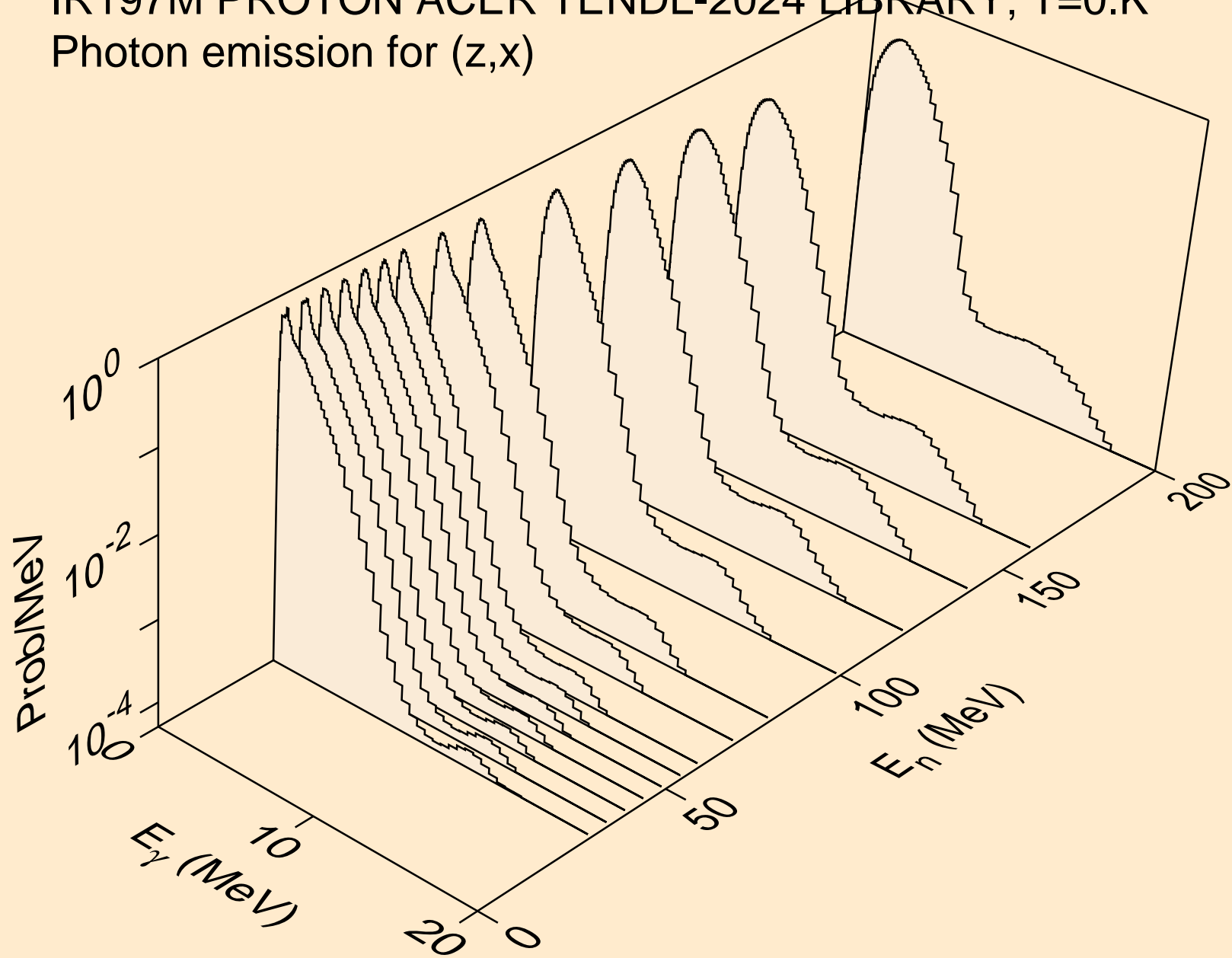
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2p)



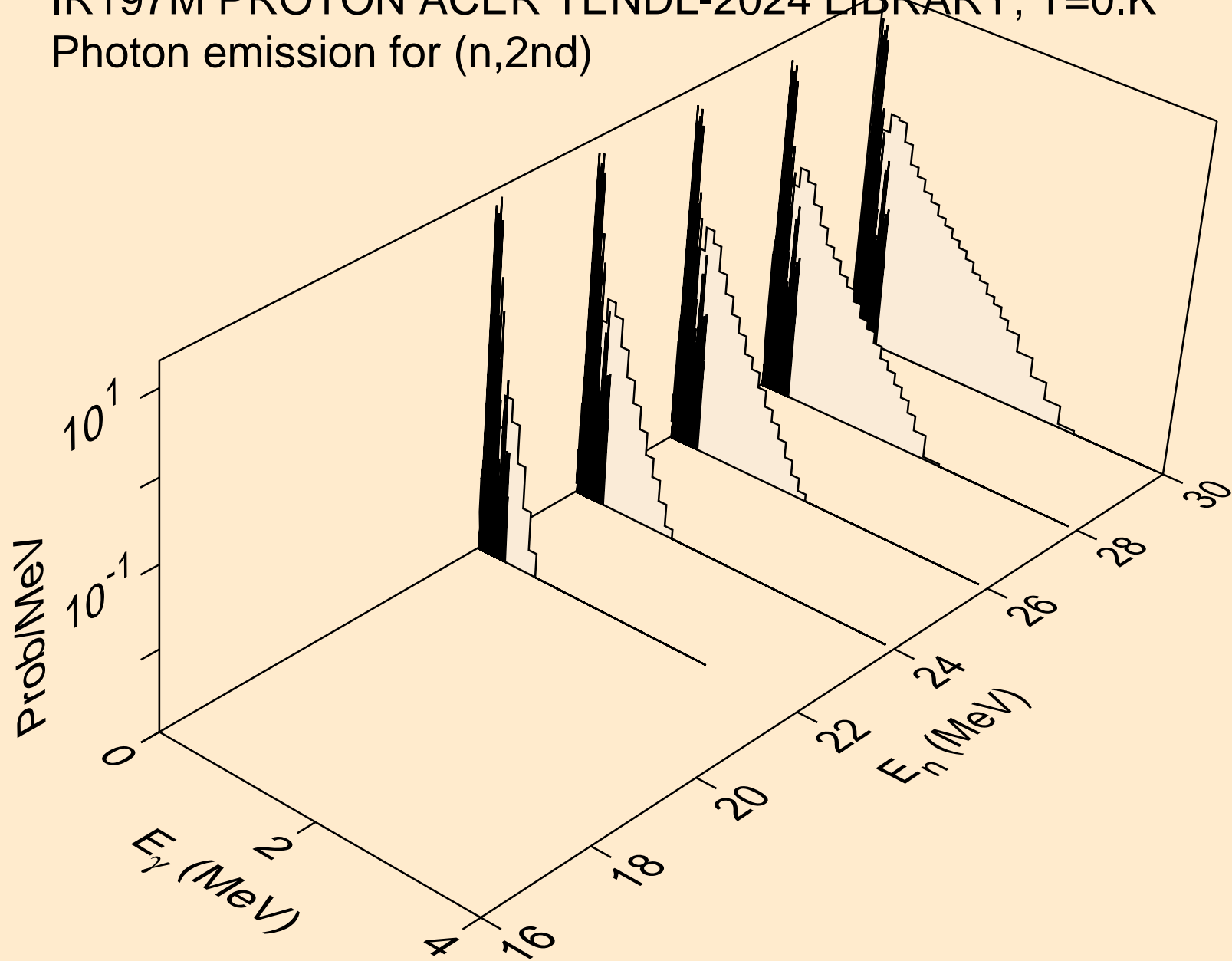
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



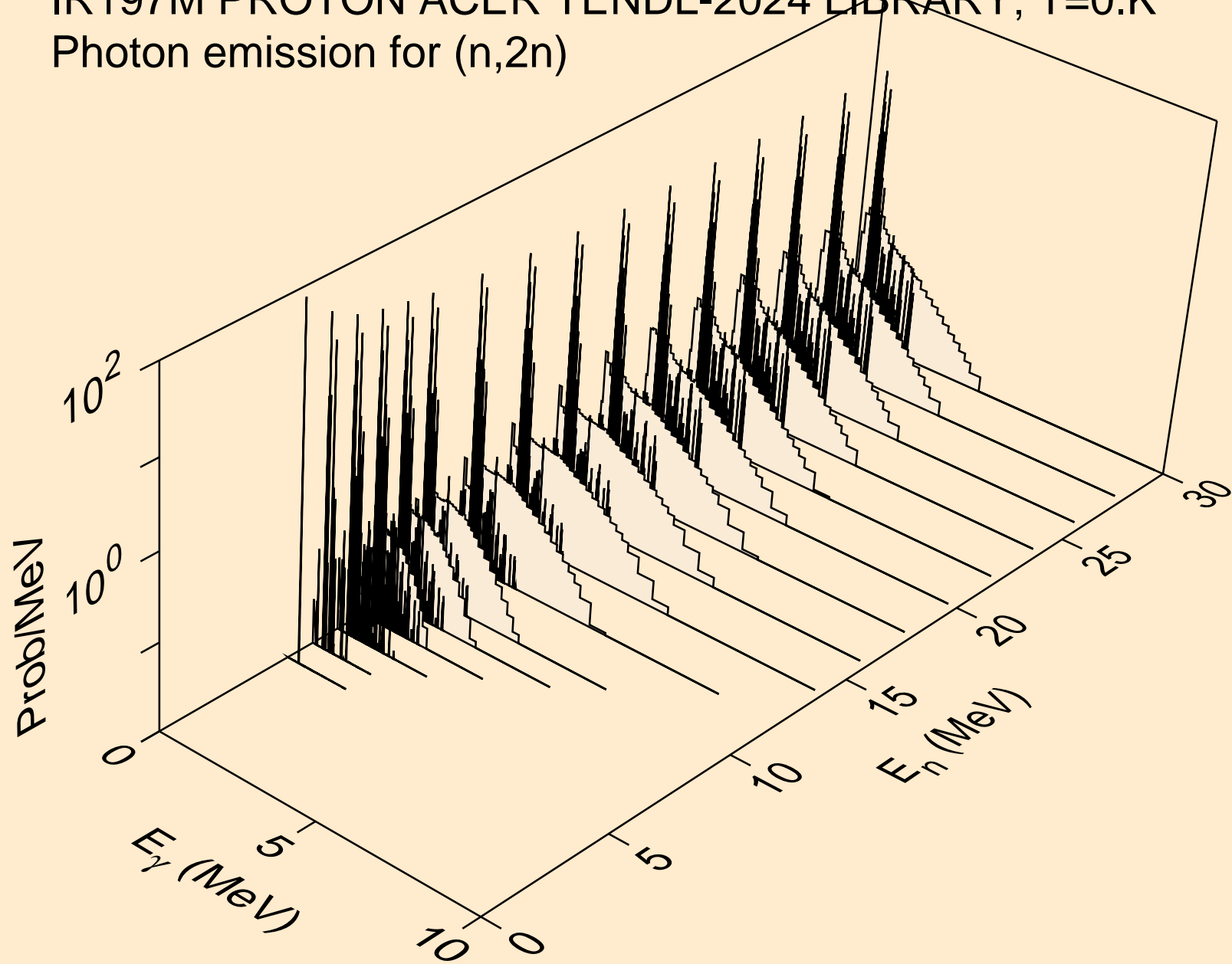
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



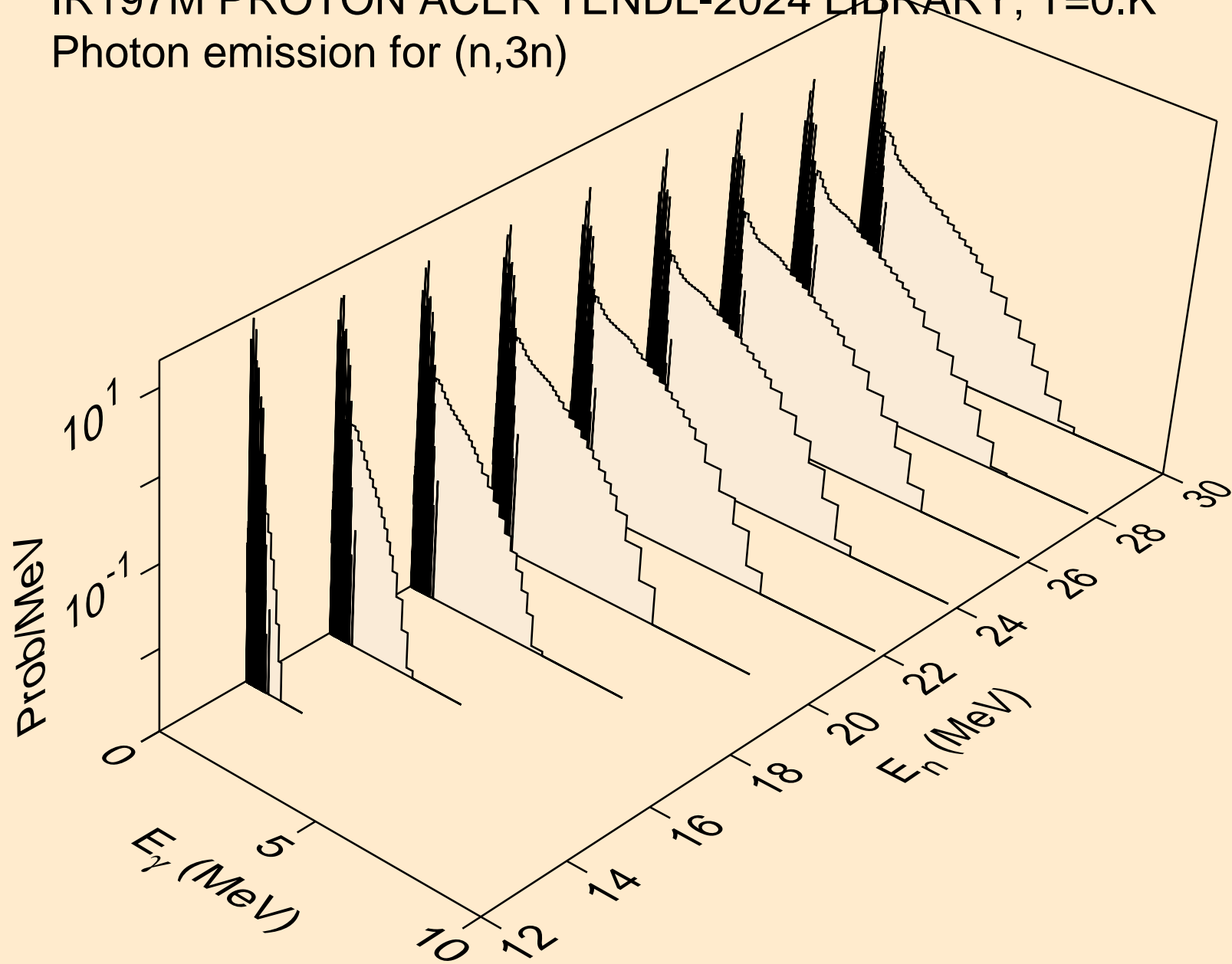
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



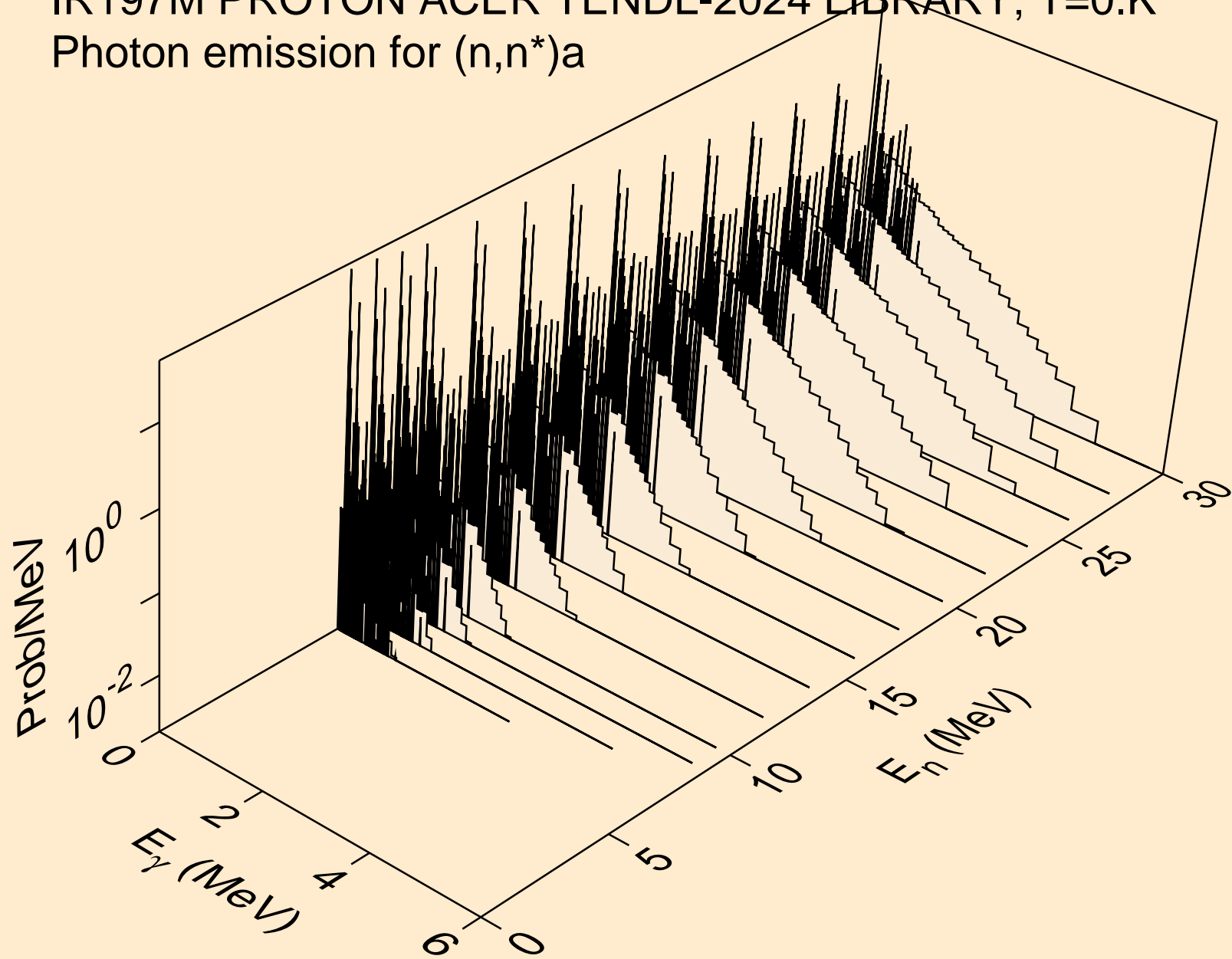
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



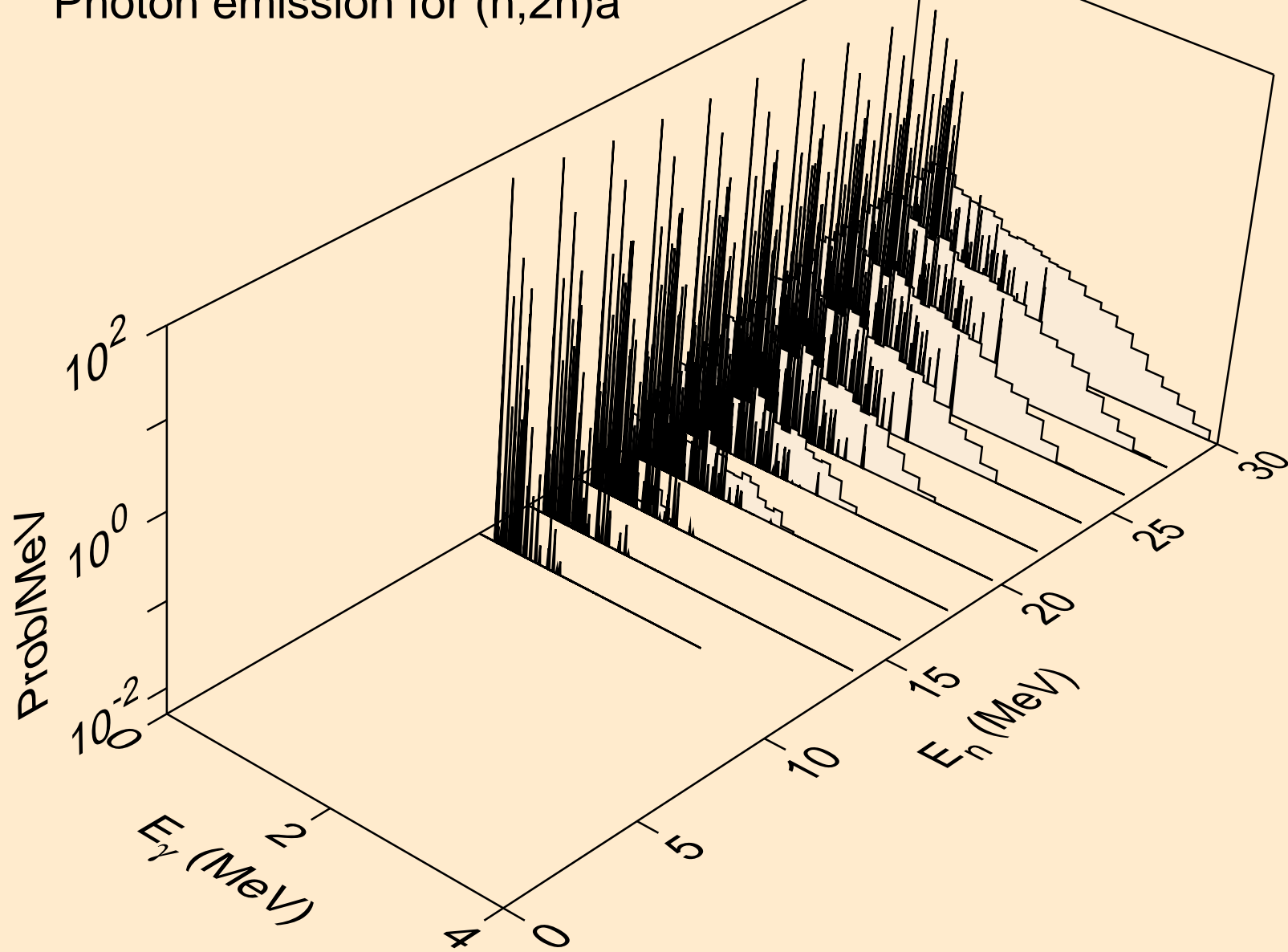
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



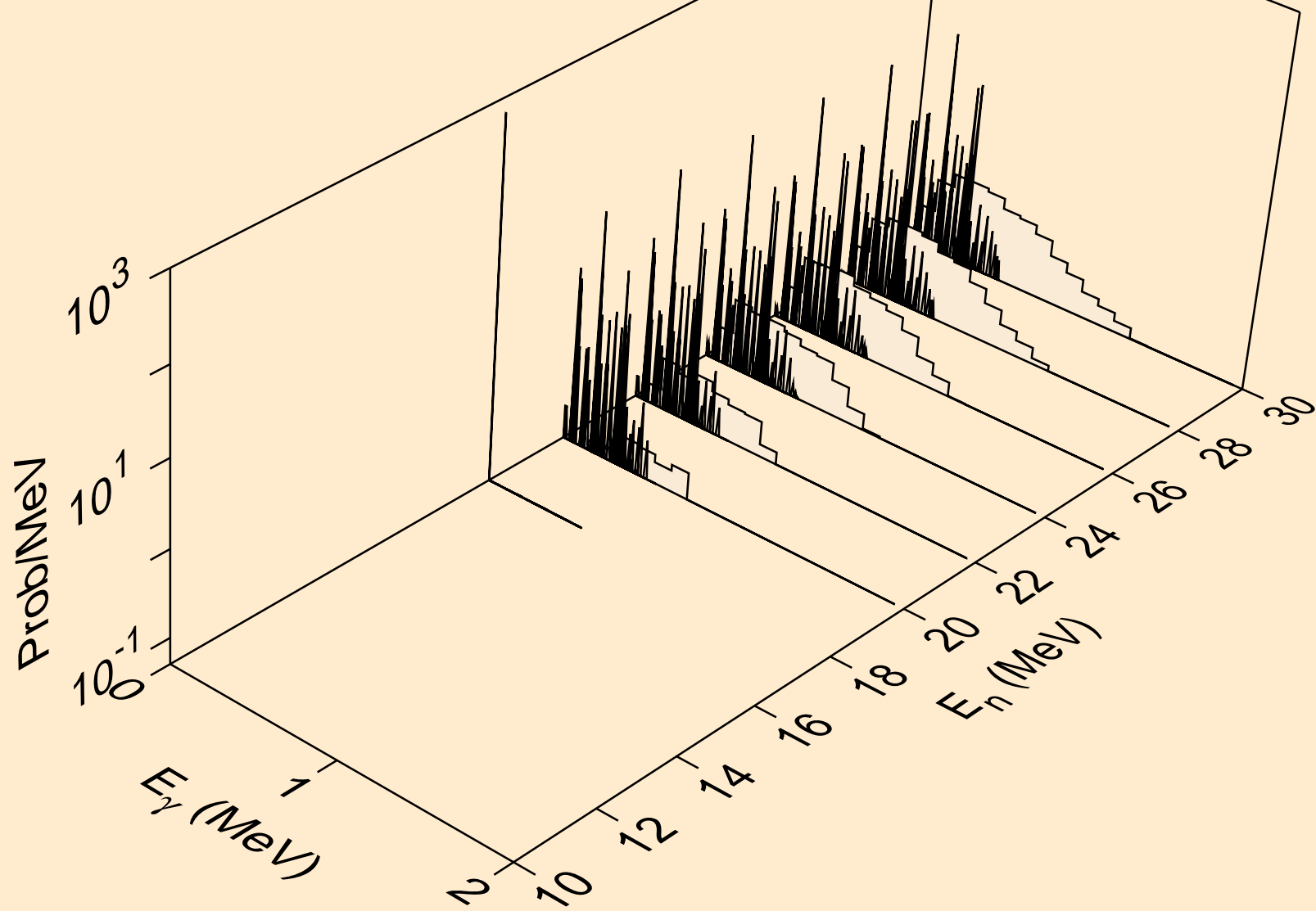
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



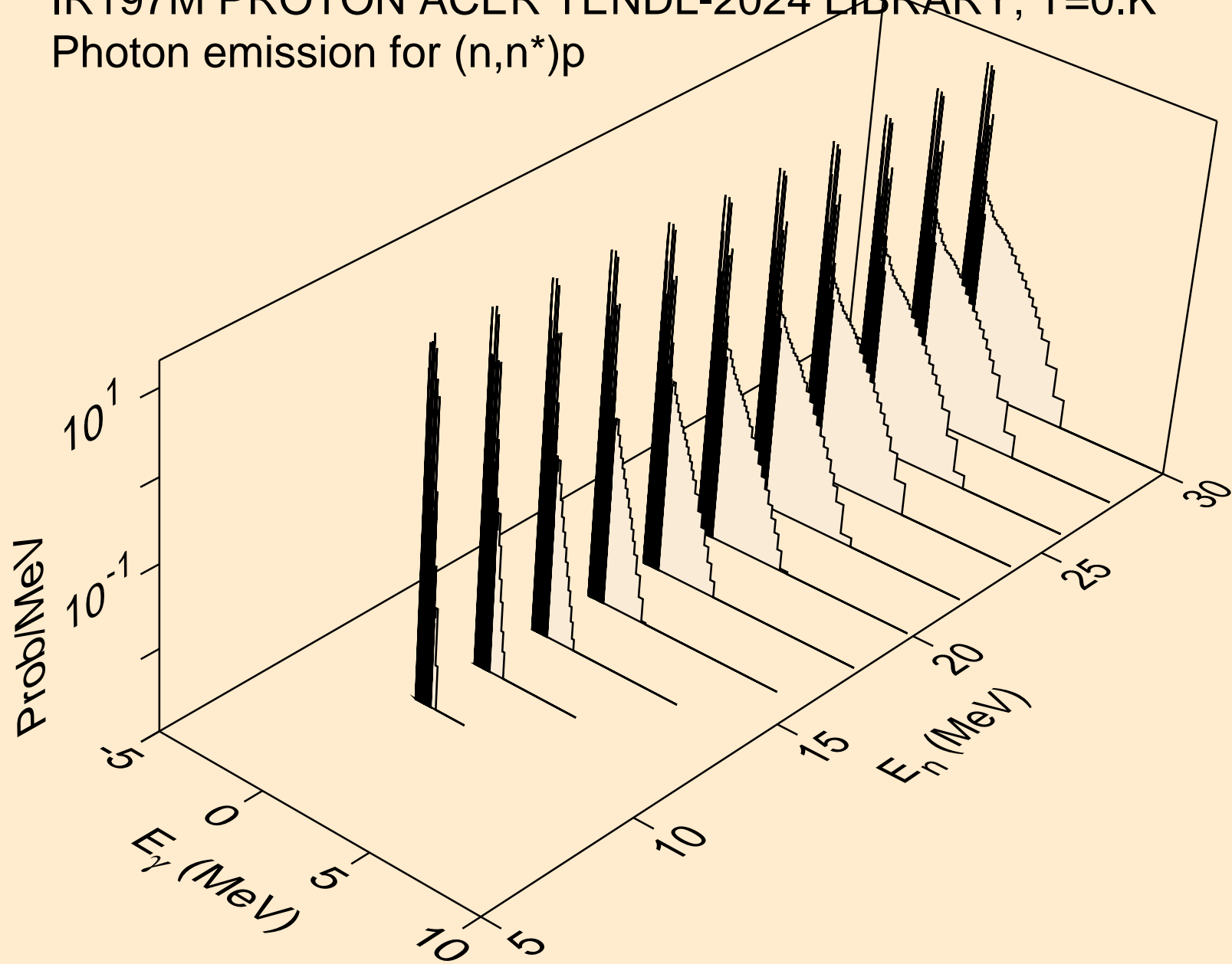
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



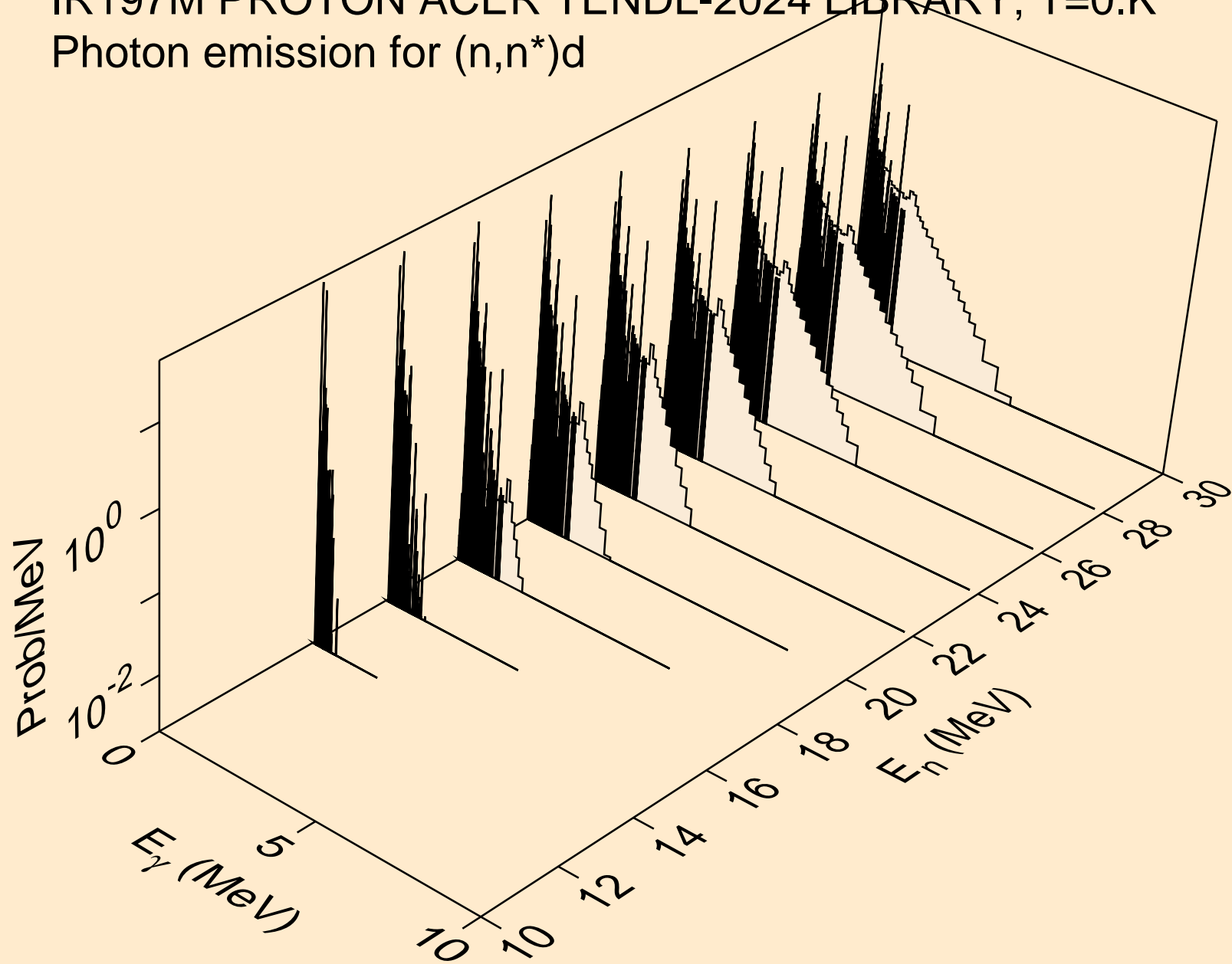
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



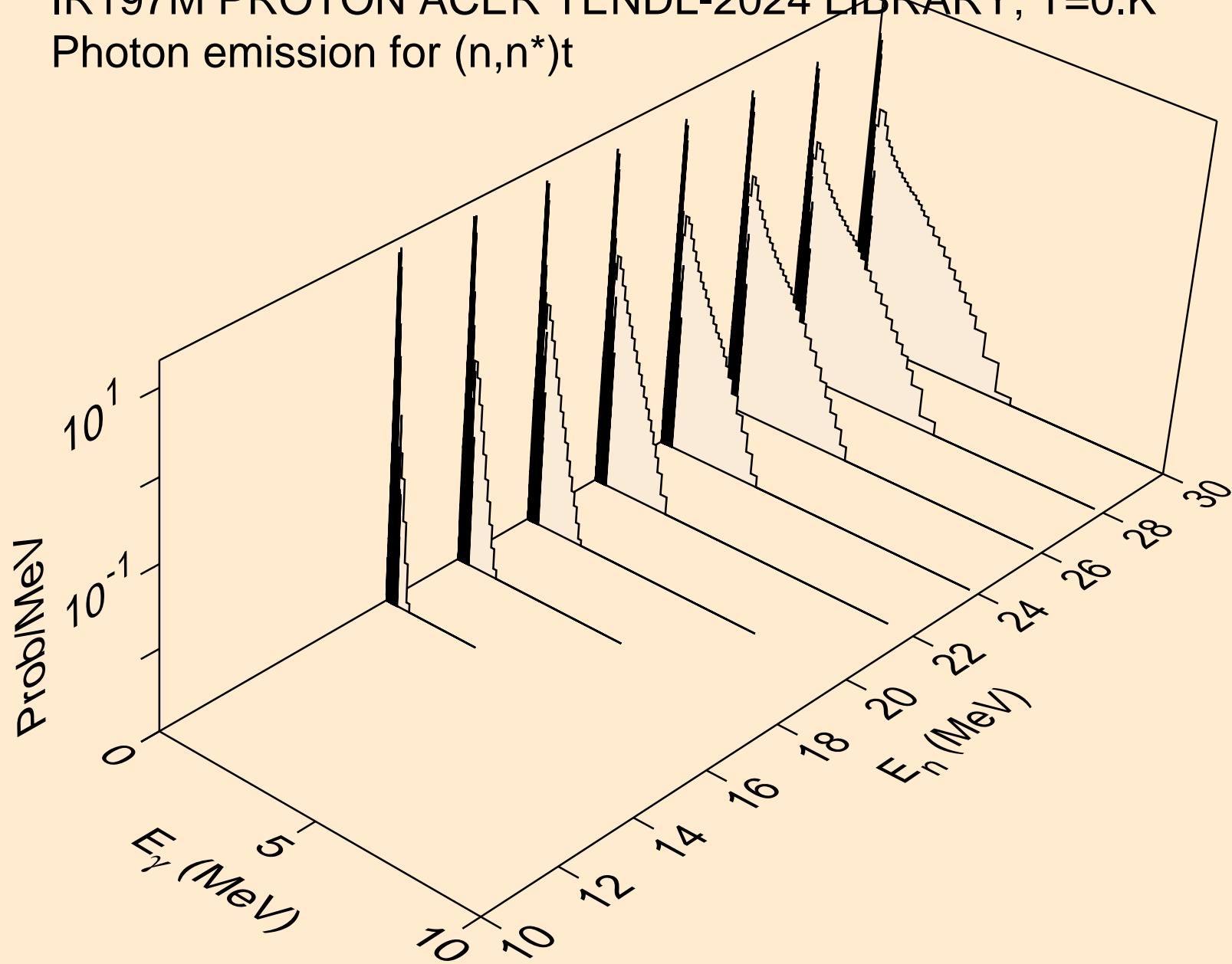
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



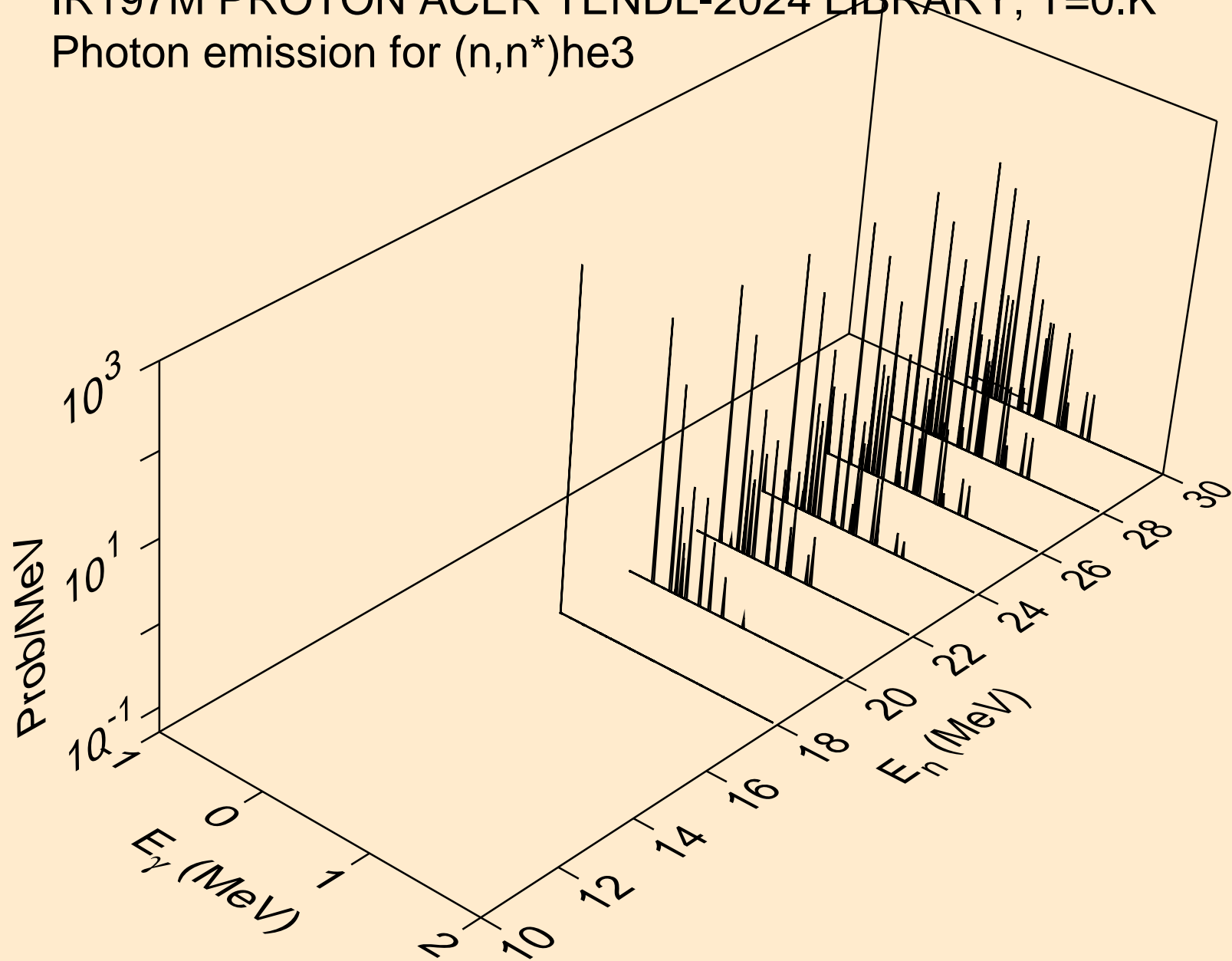
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



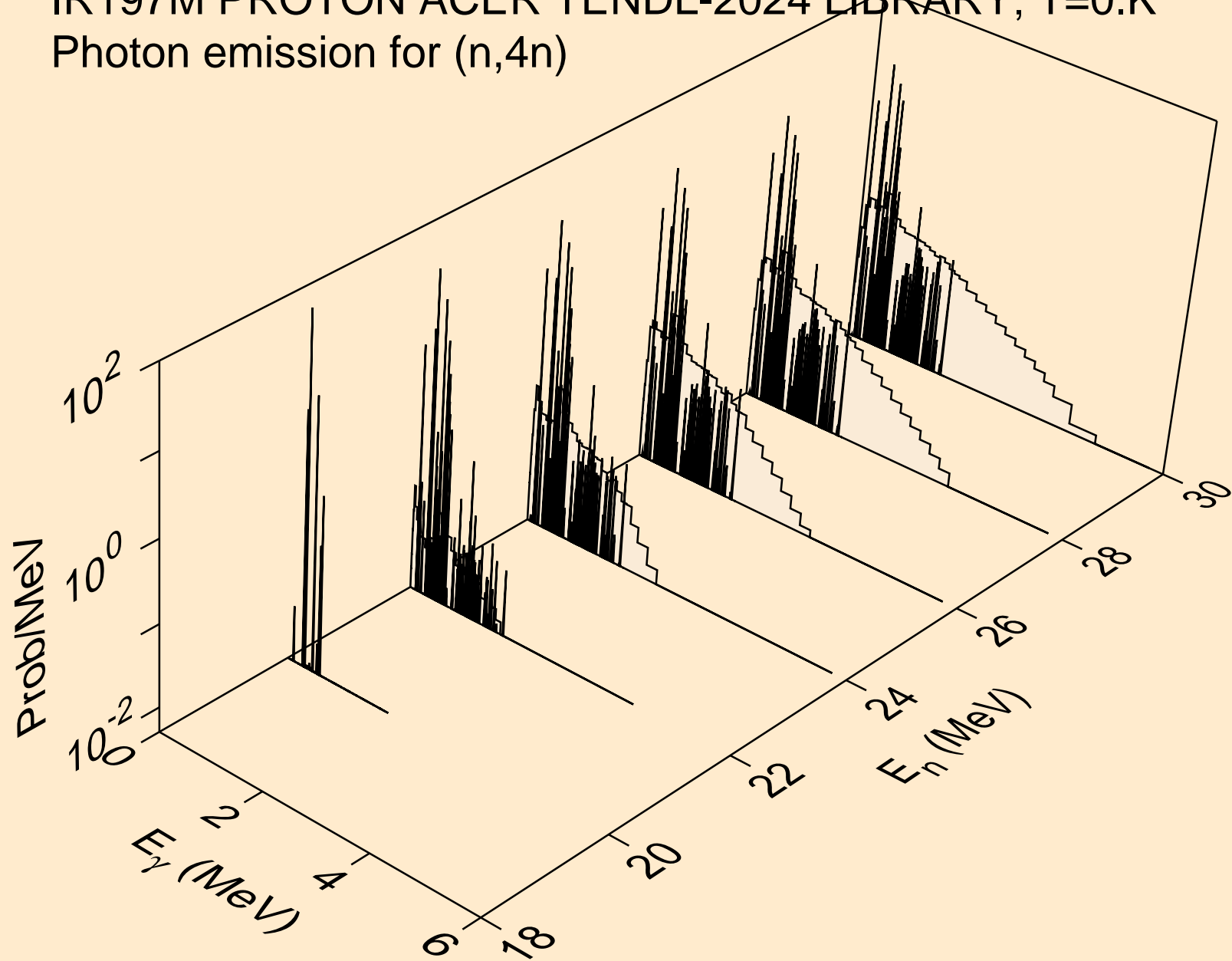
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



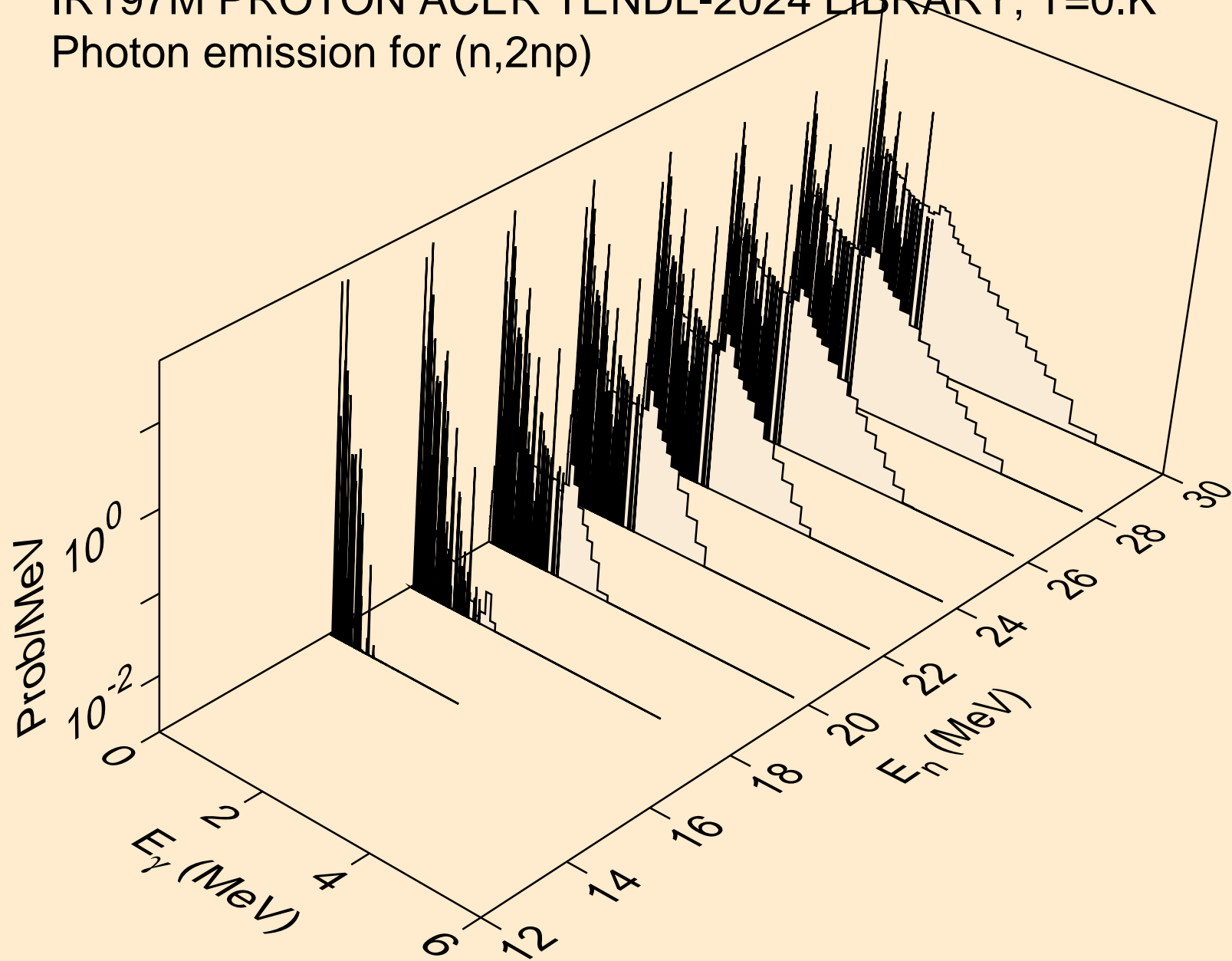
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



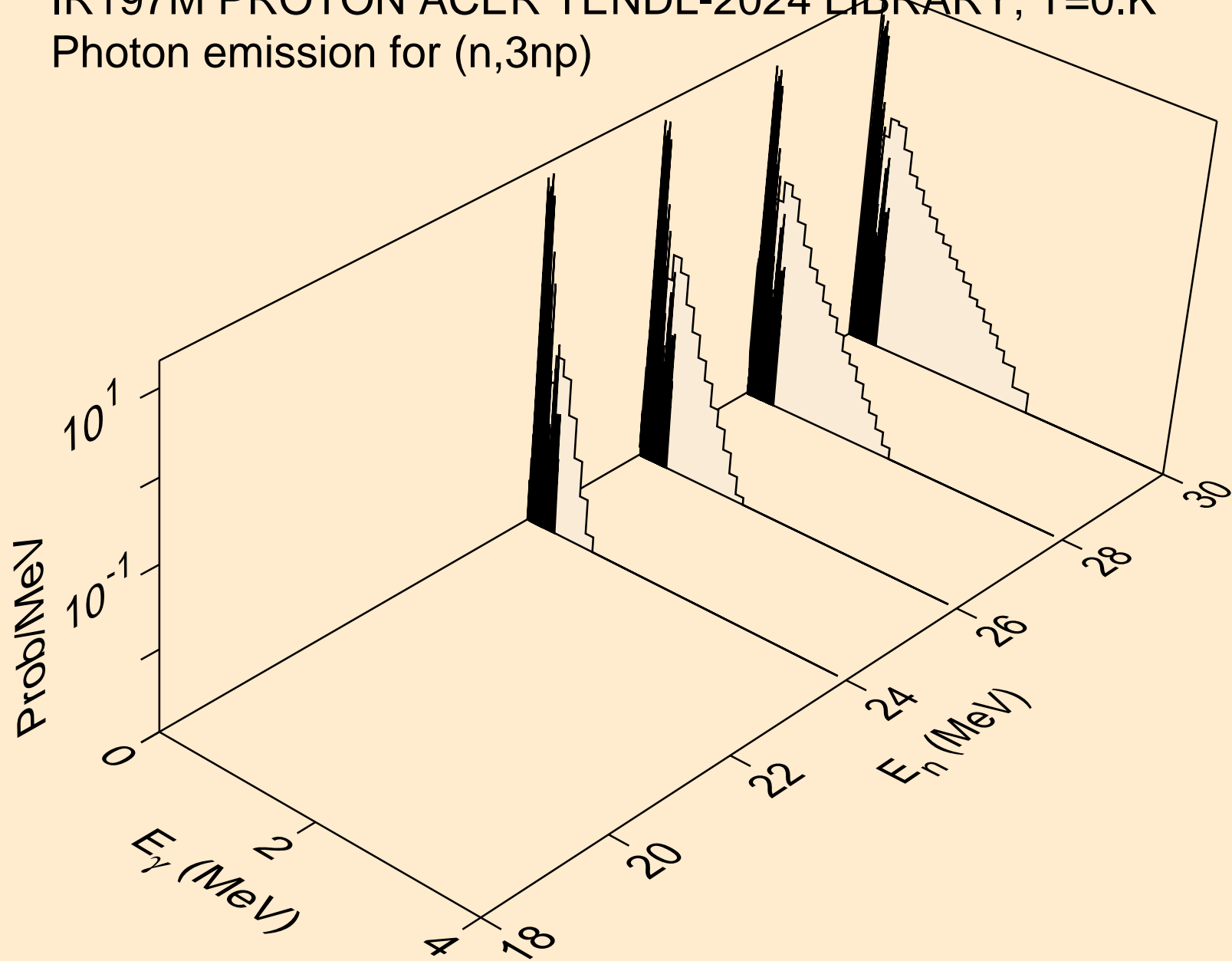
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



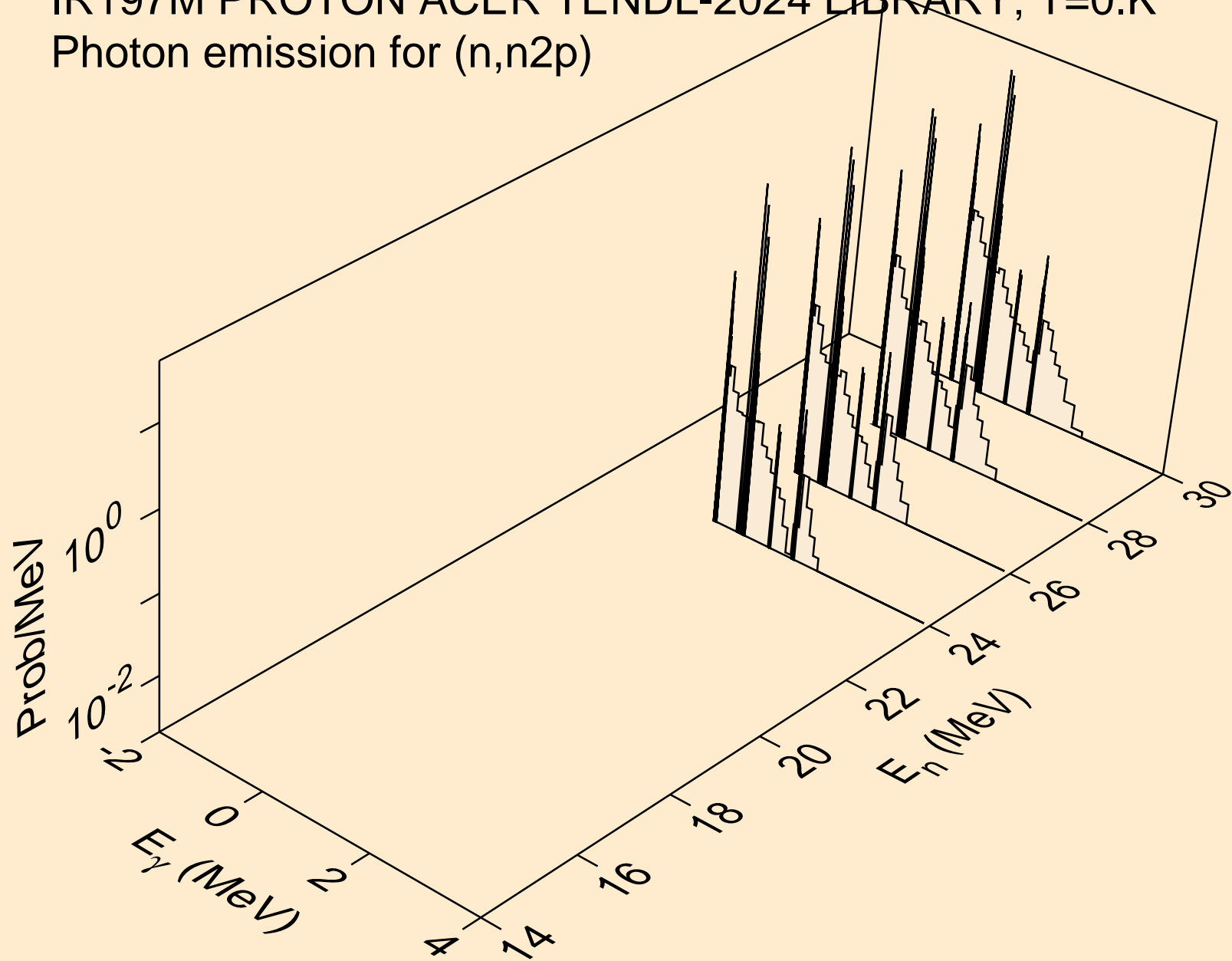
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



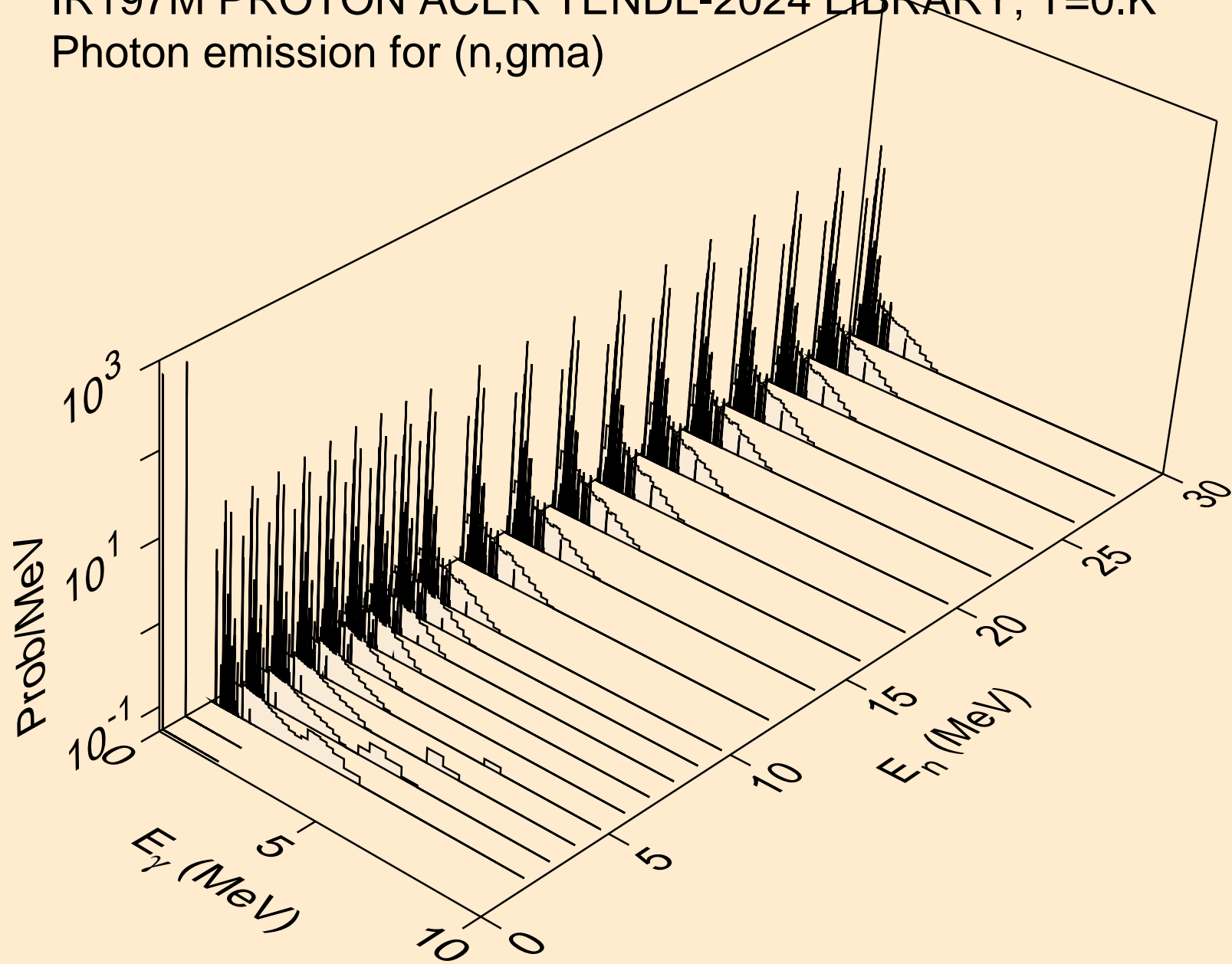
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



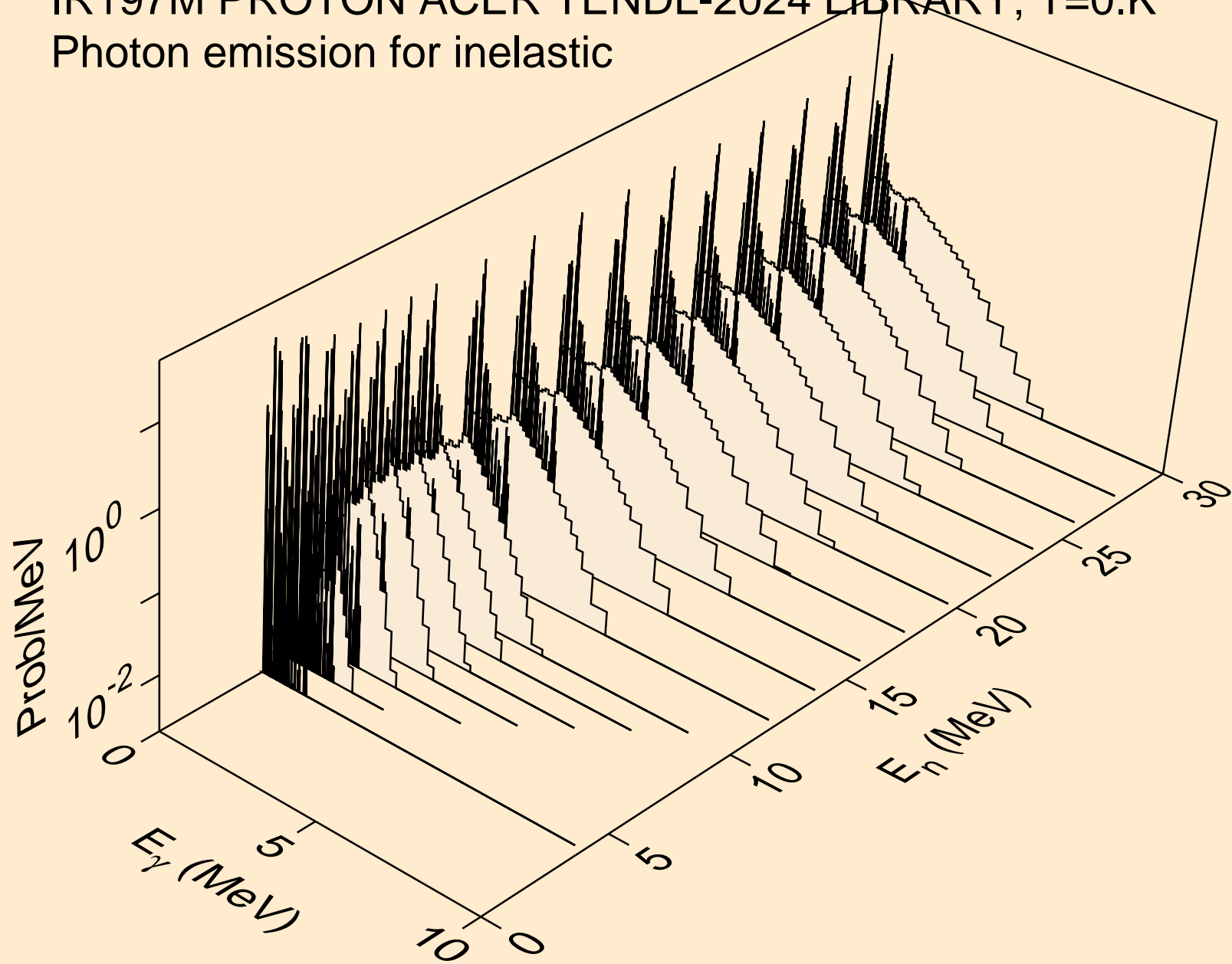
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



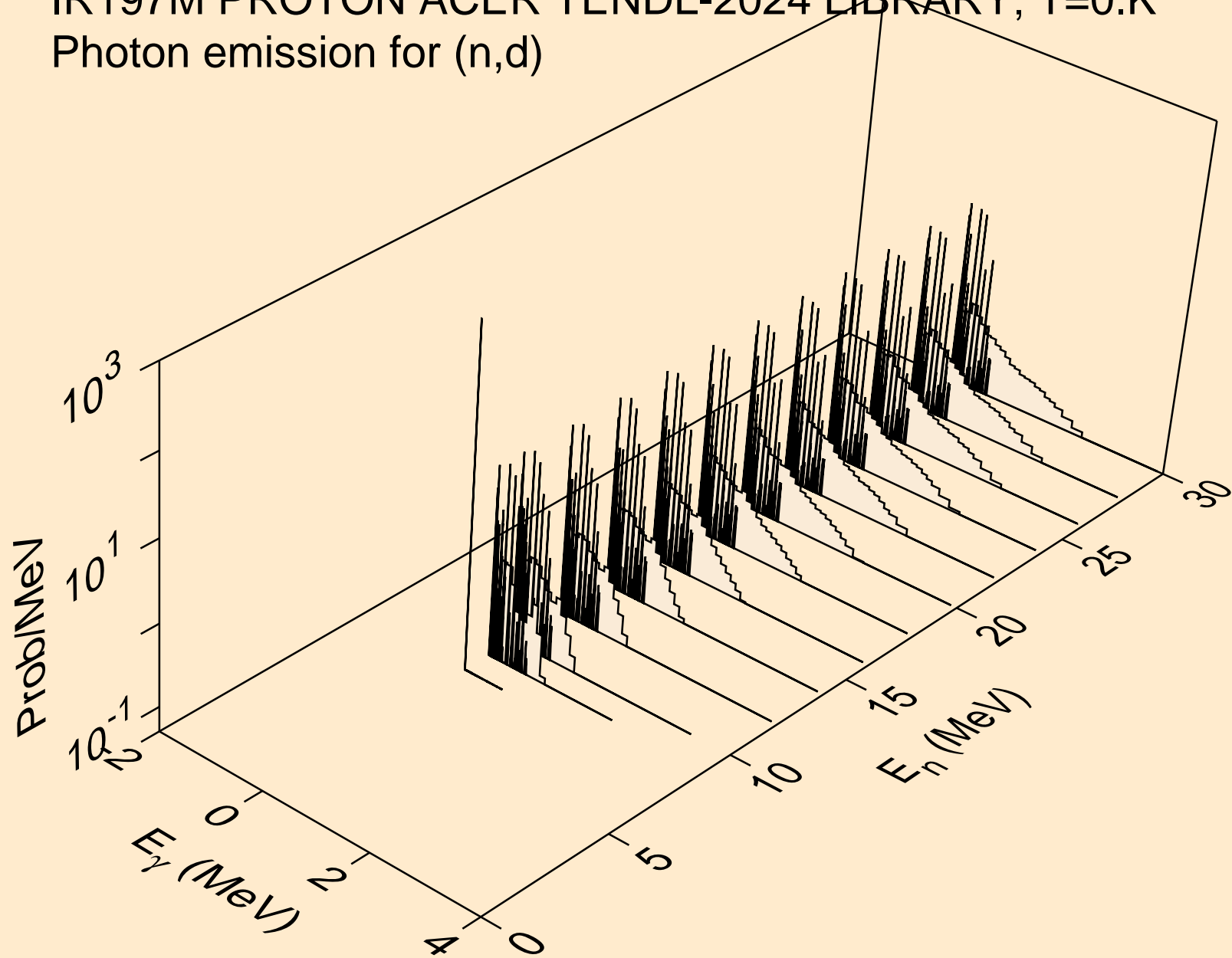
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



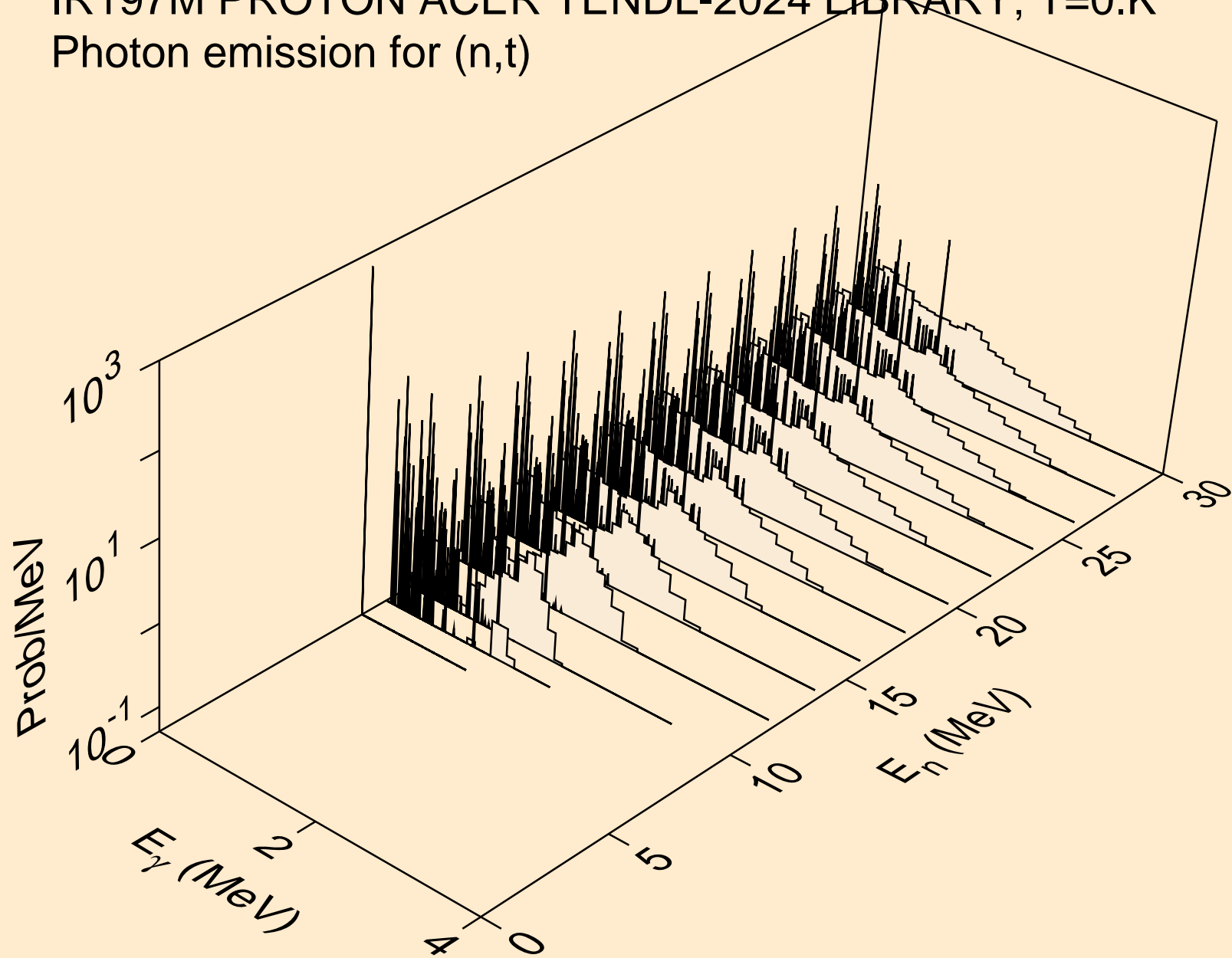
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



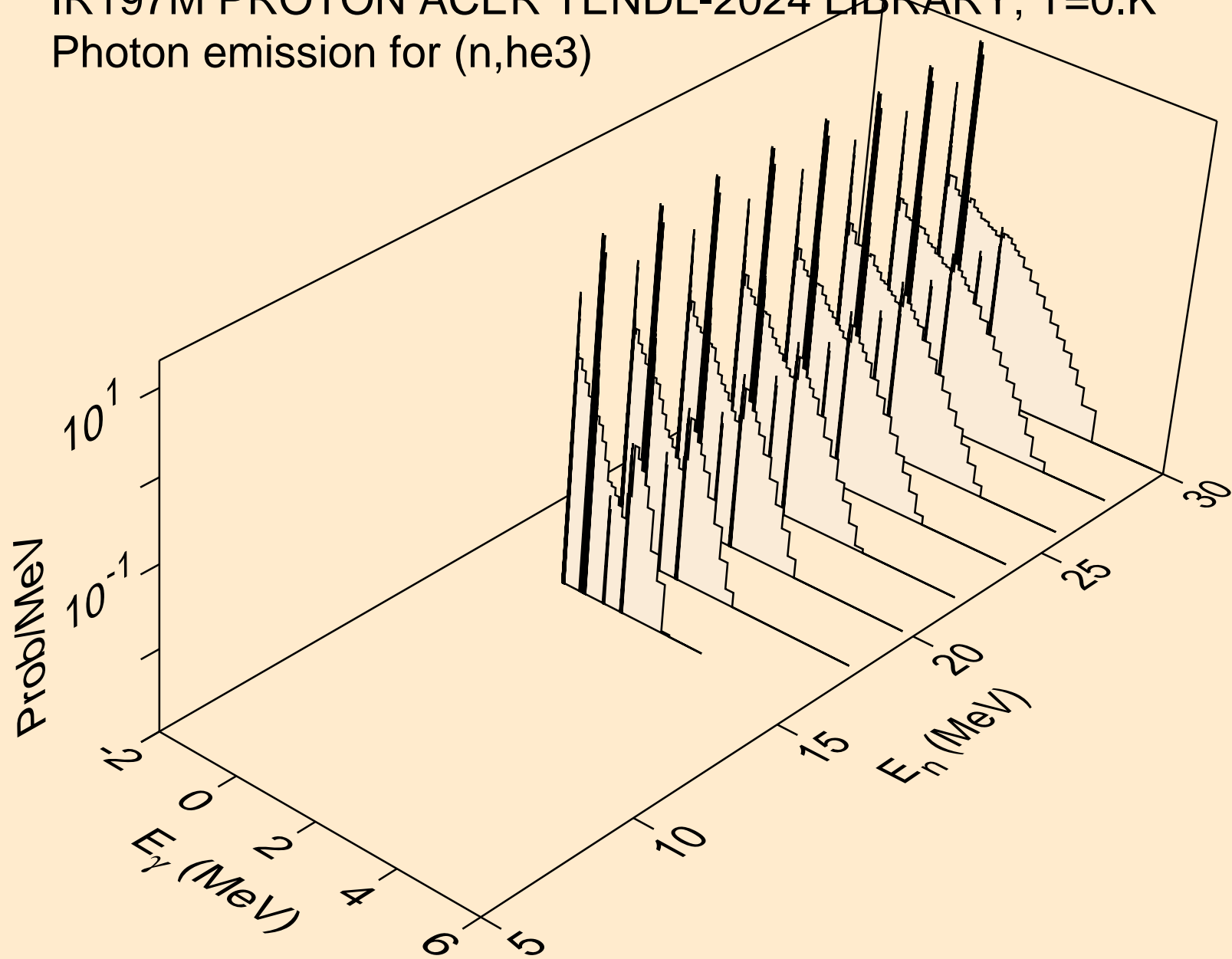
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



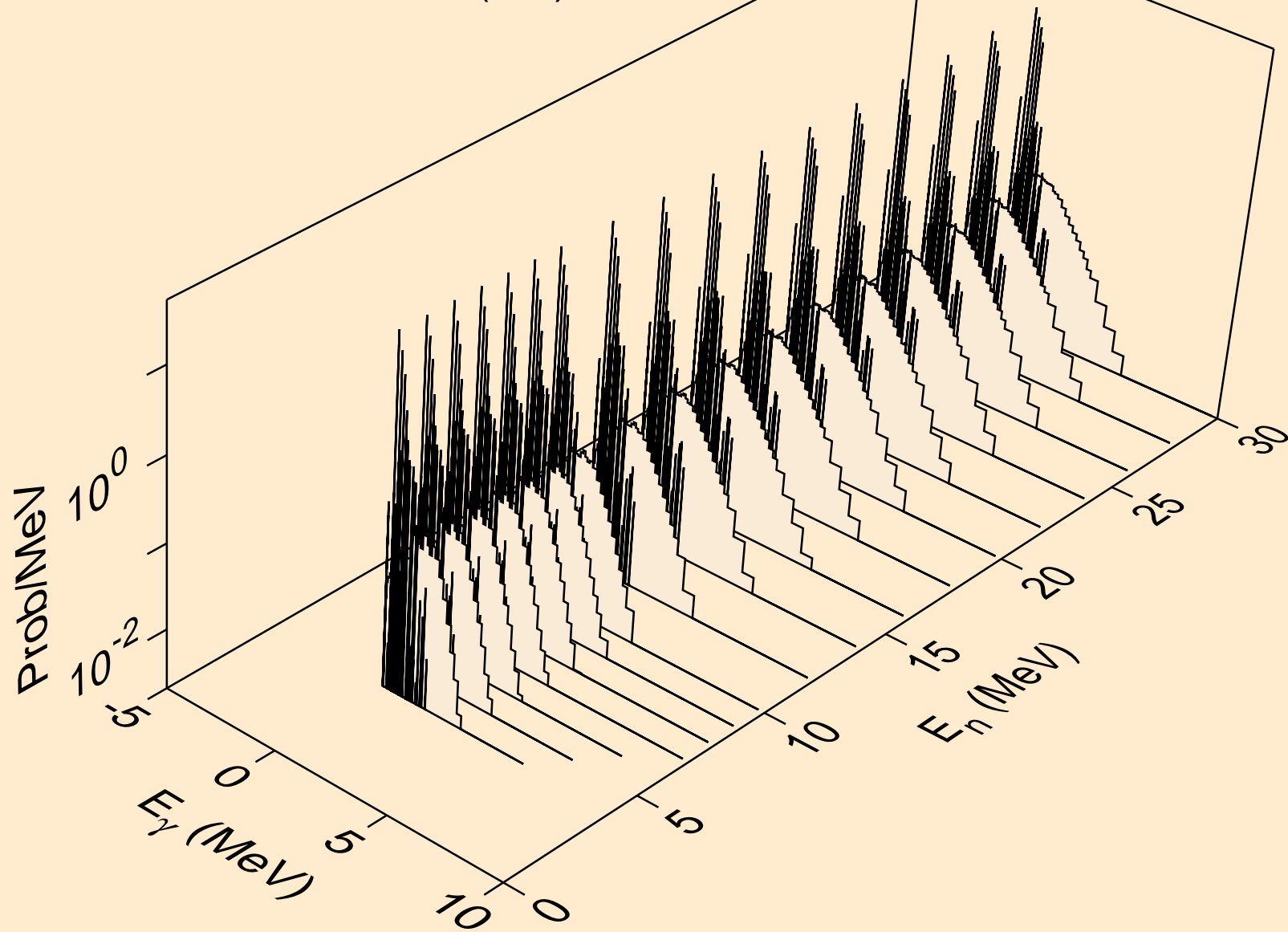
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



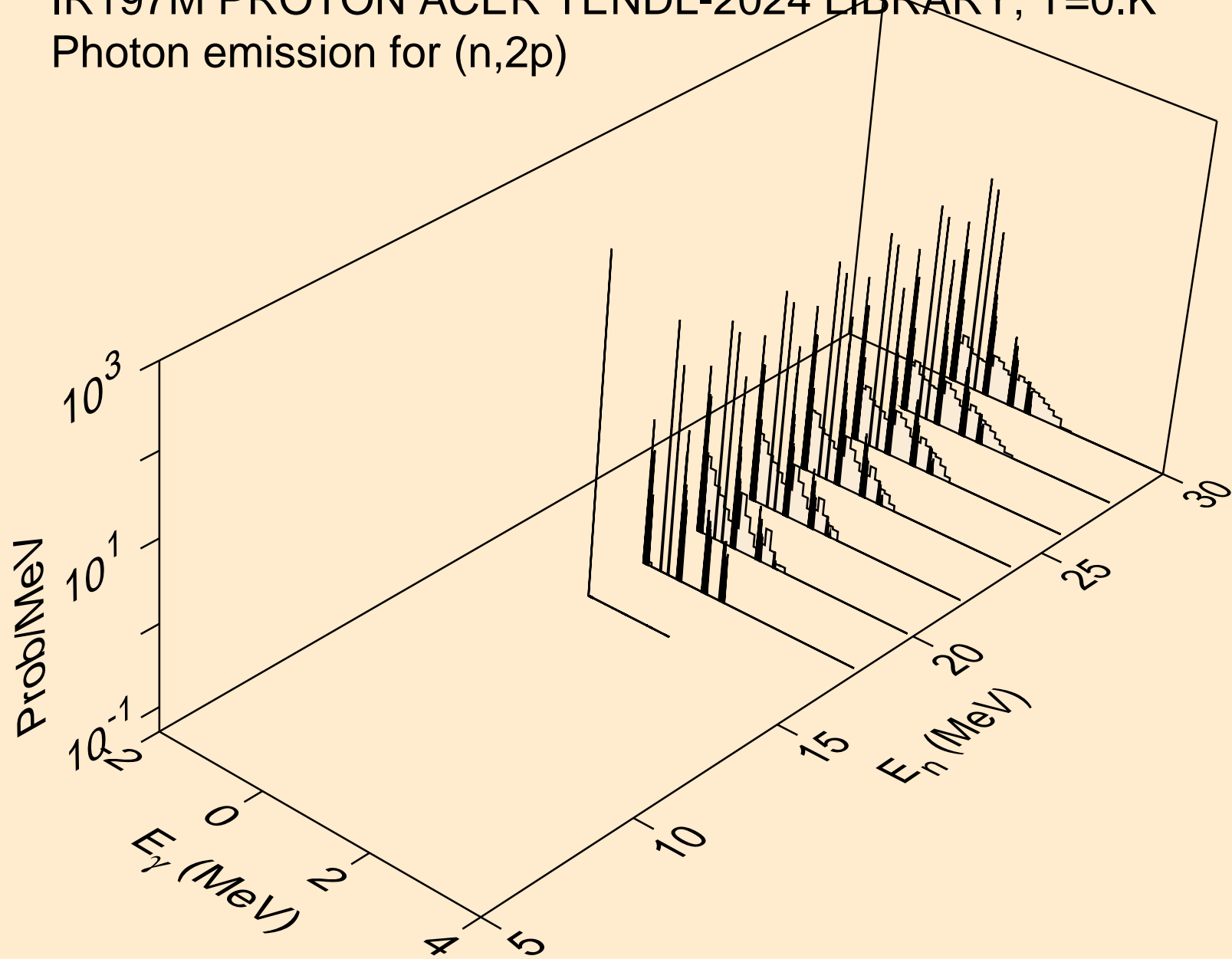
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

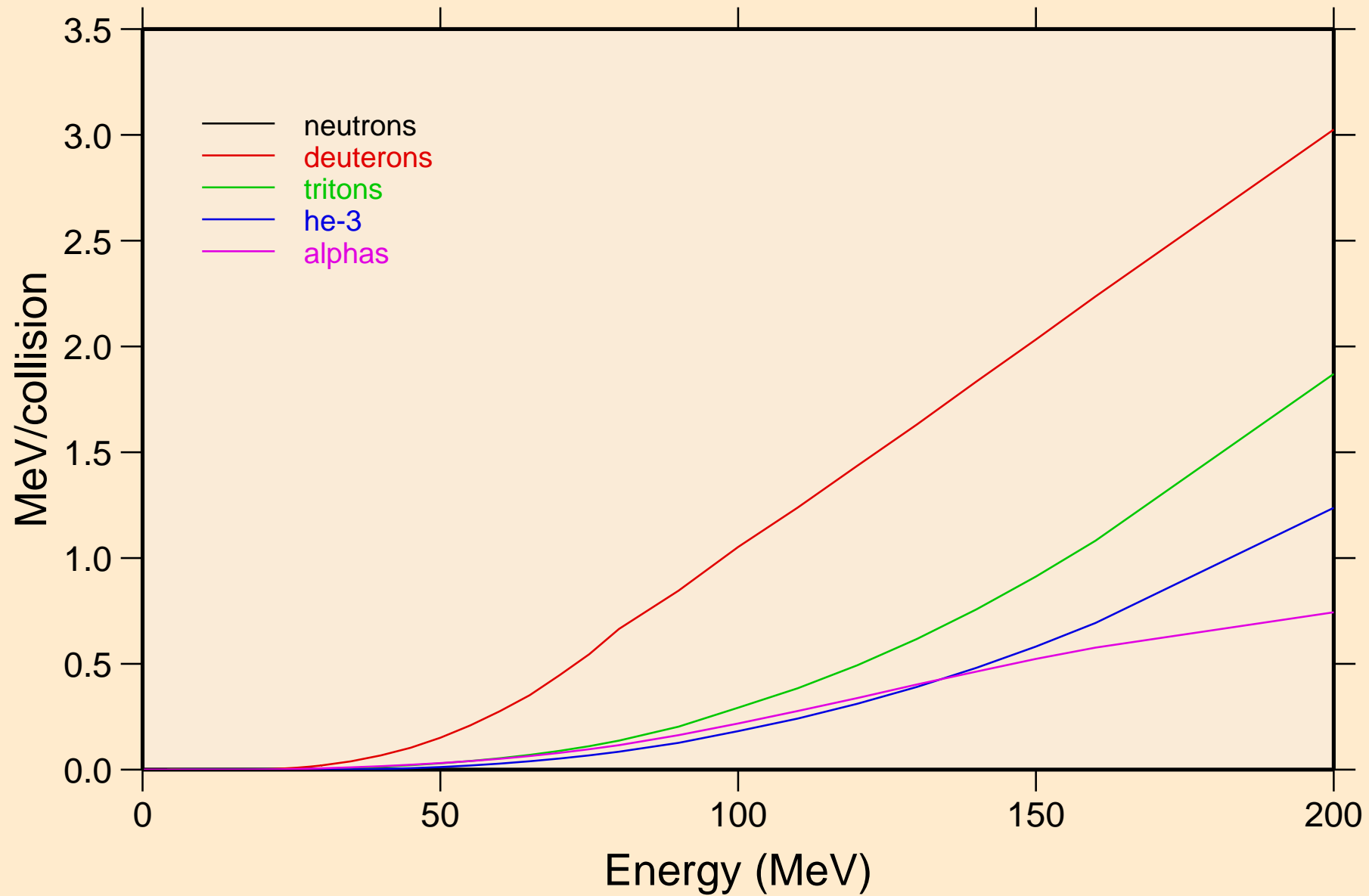


IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

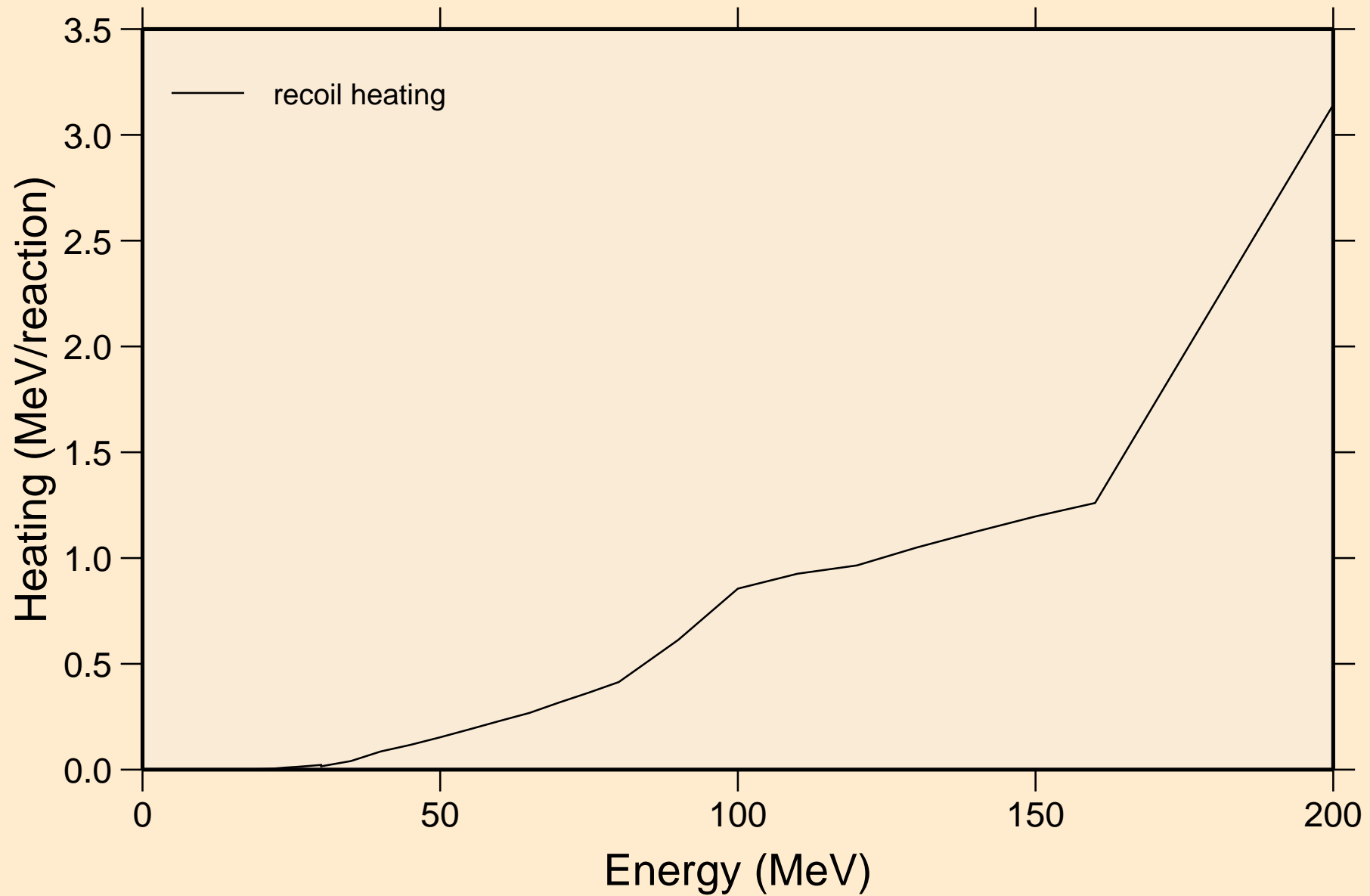


# IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K

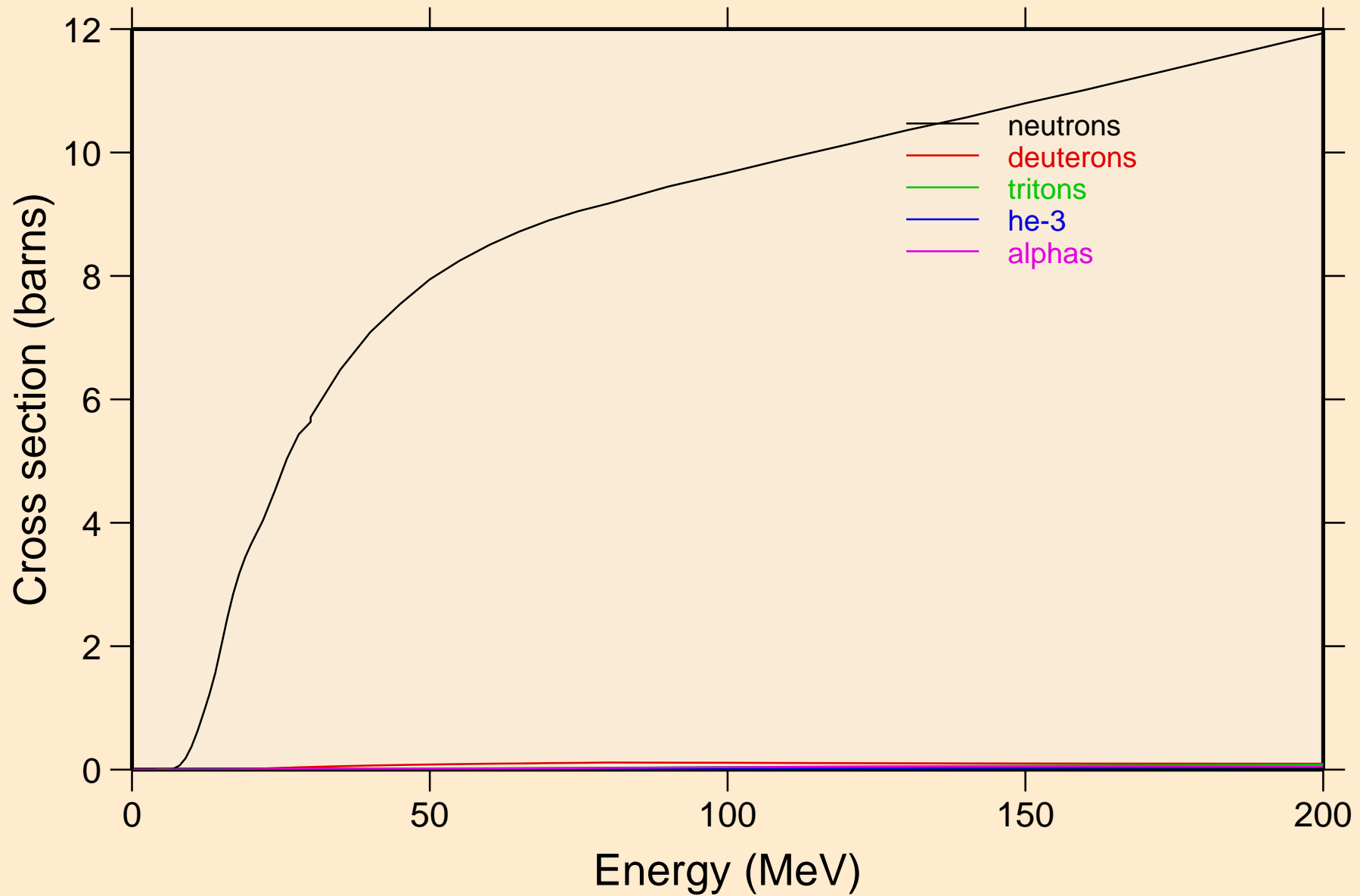
## Particle heating contributions



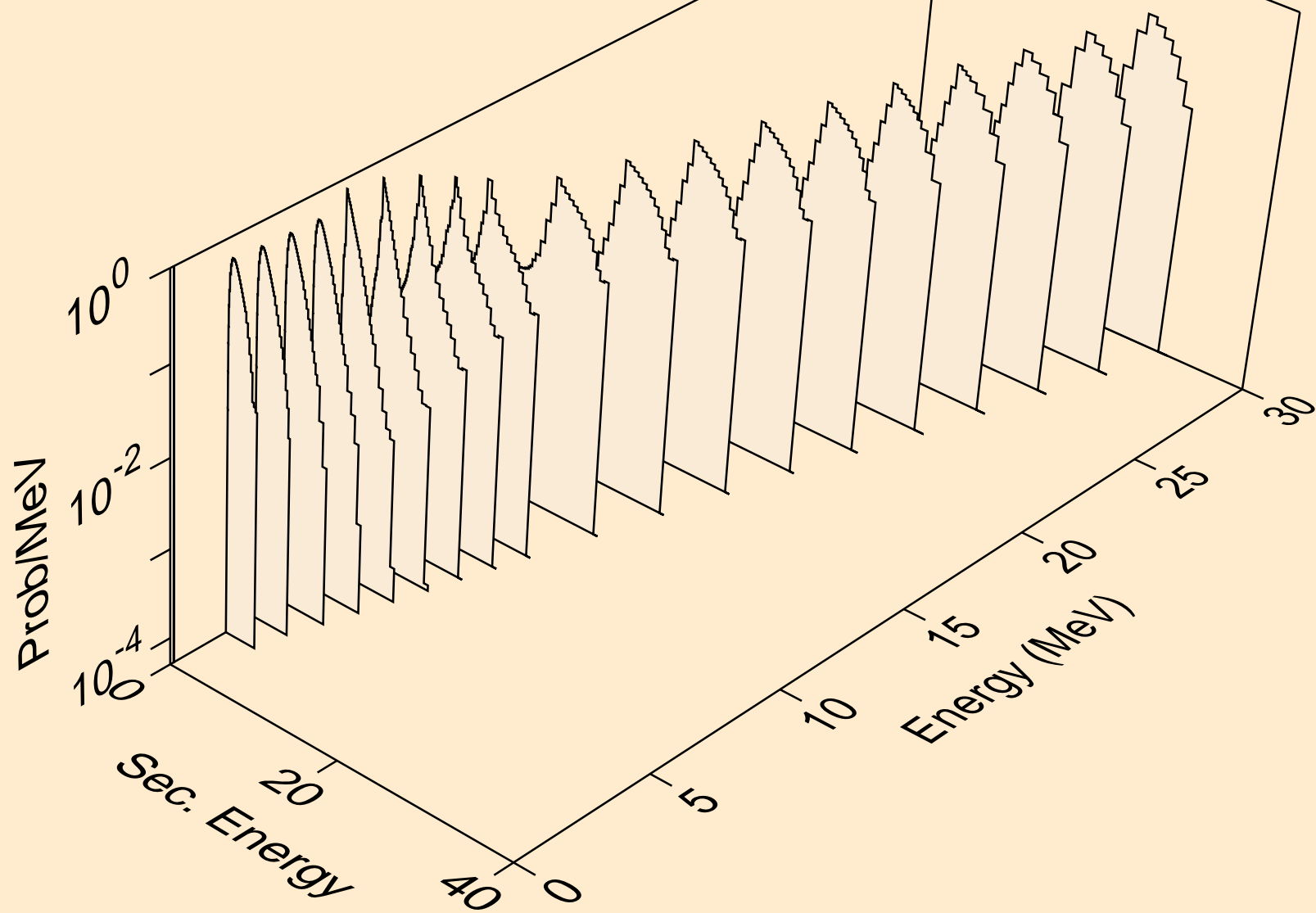
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



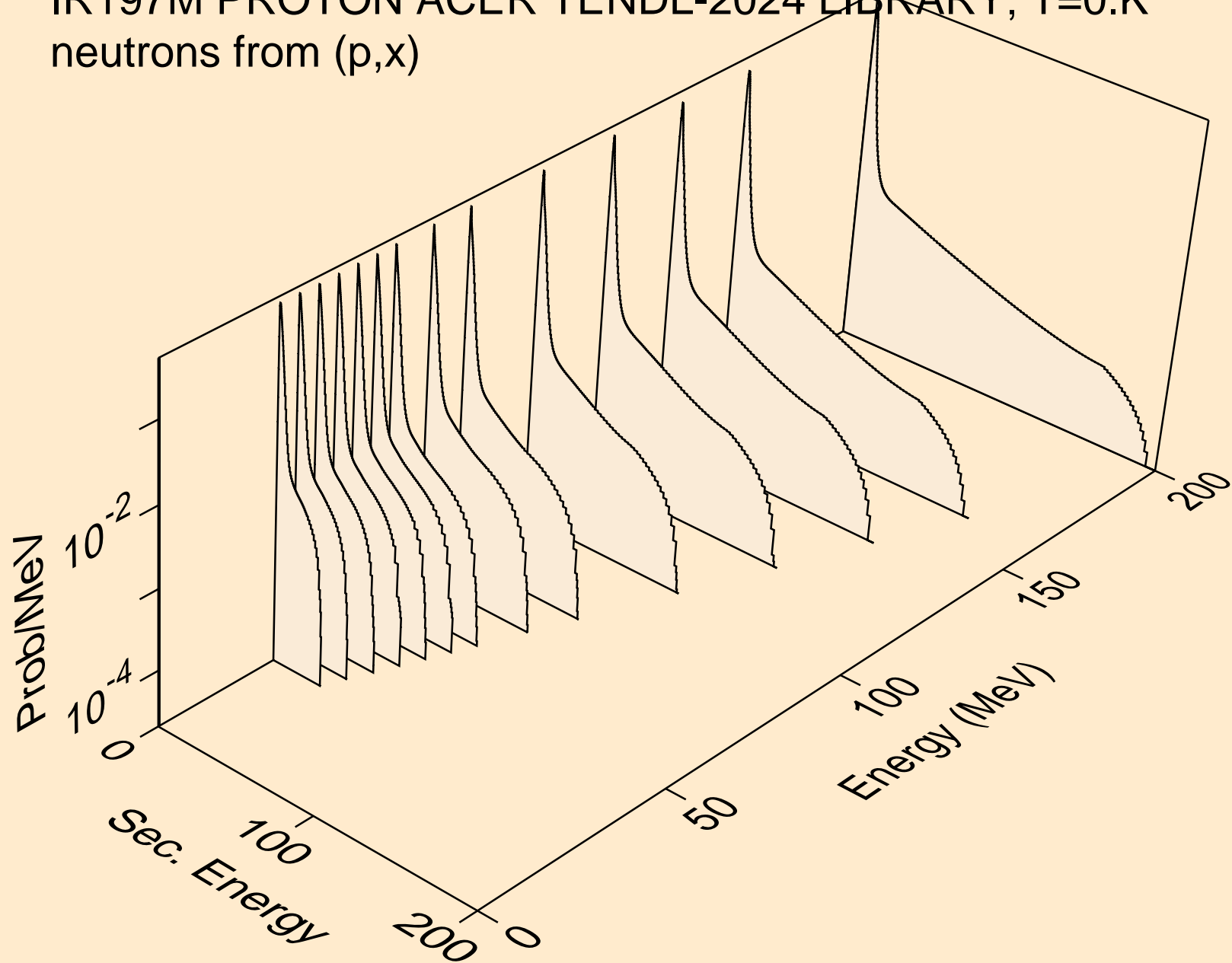
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



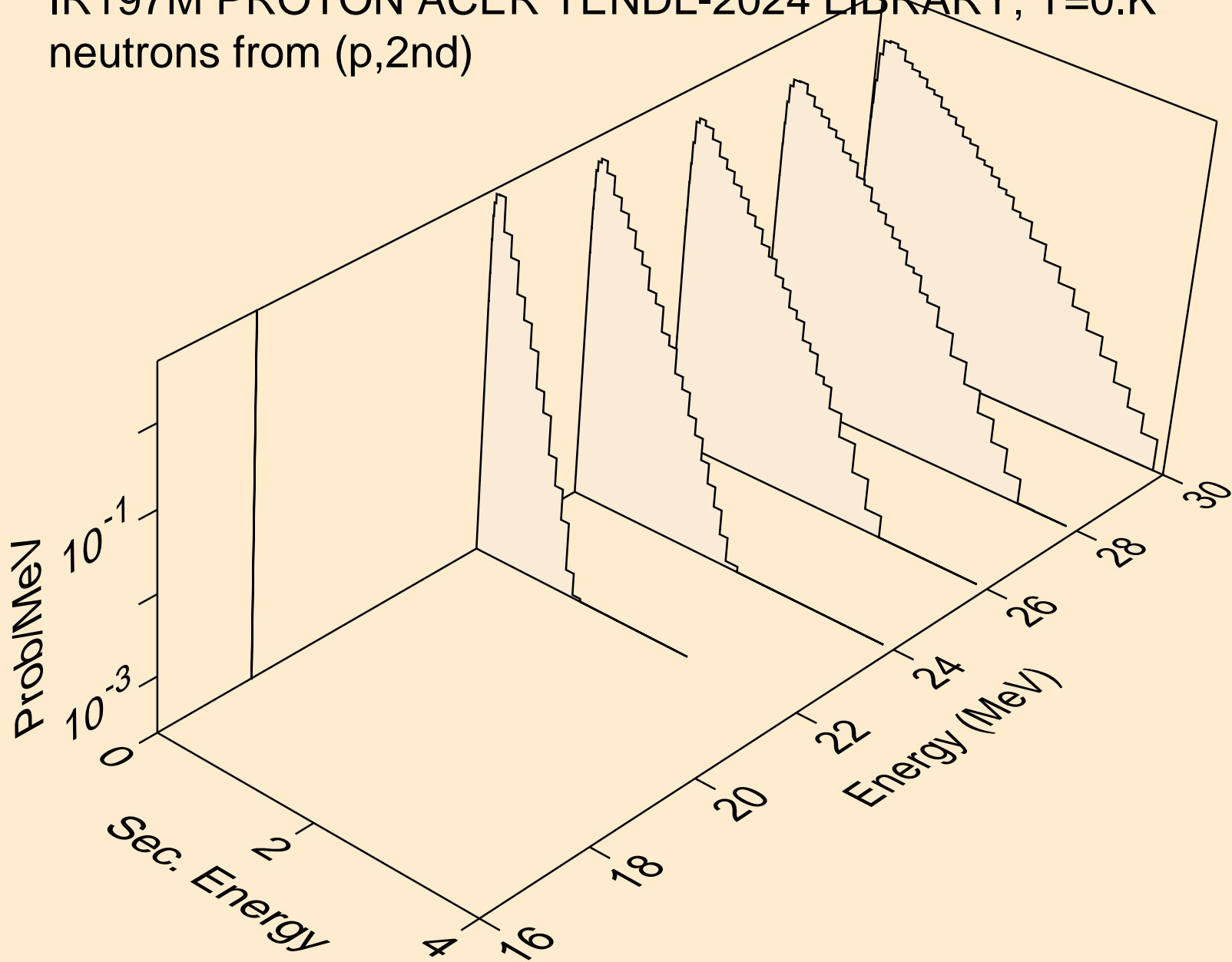
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



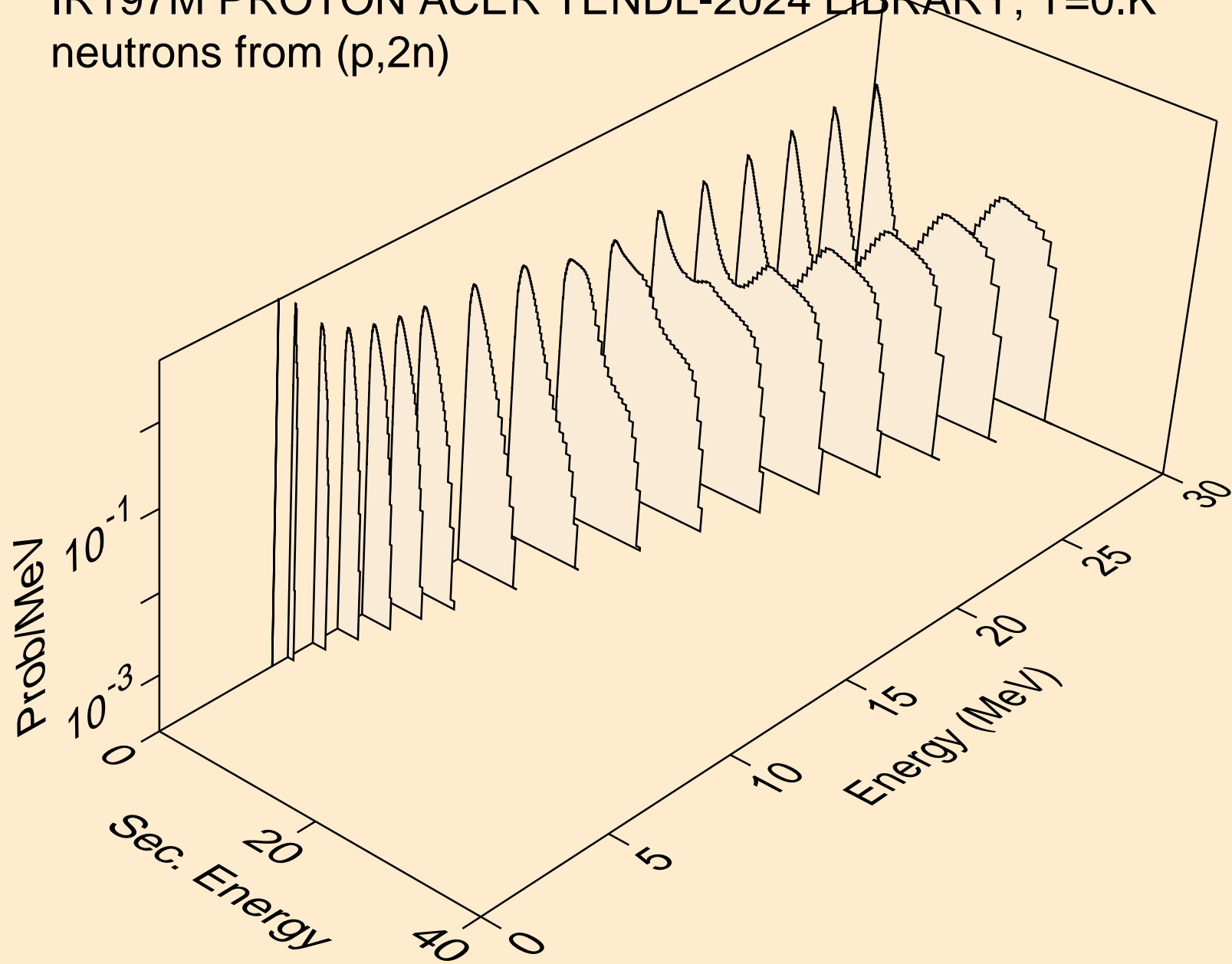
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,x)



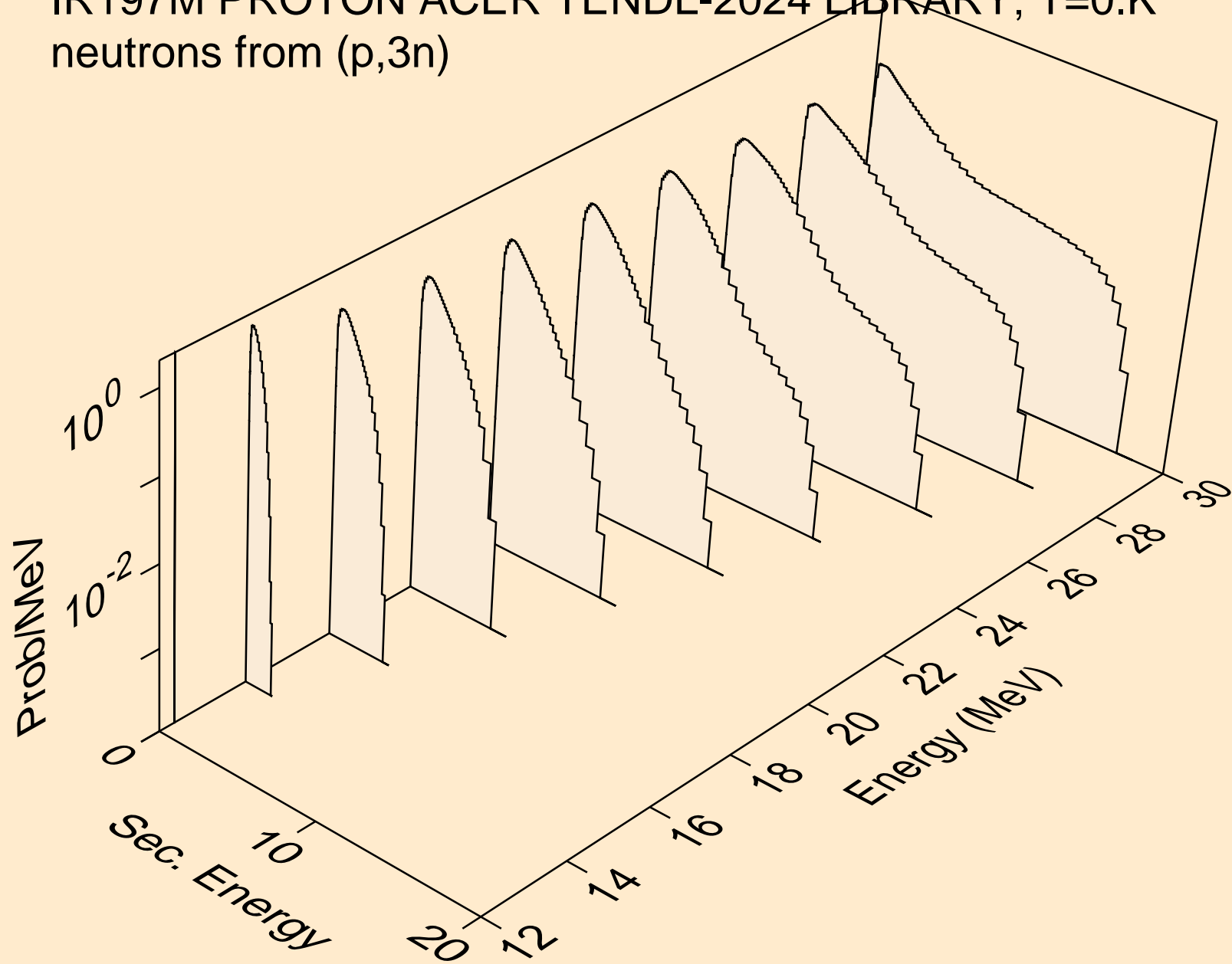
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2nd)



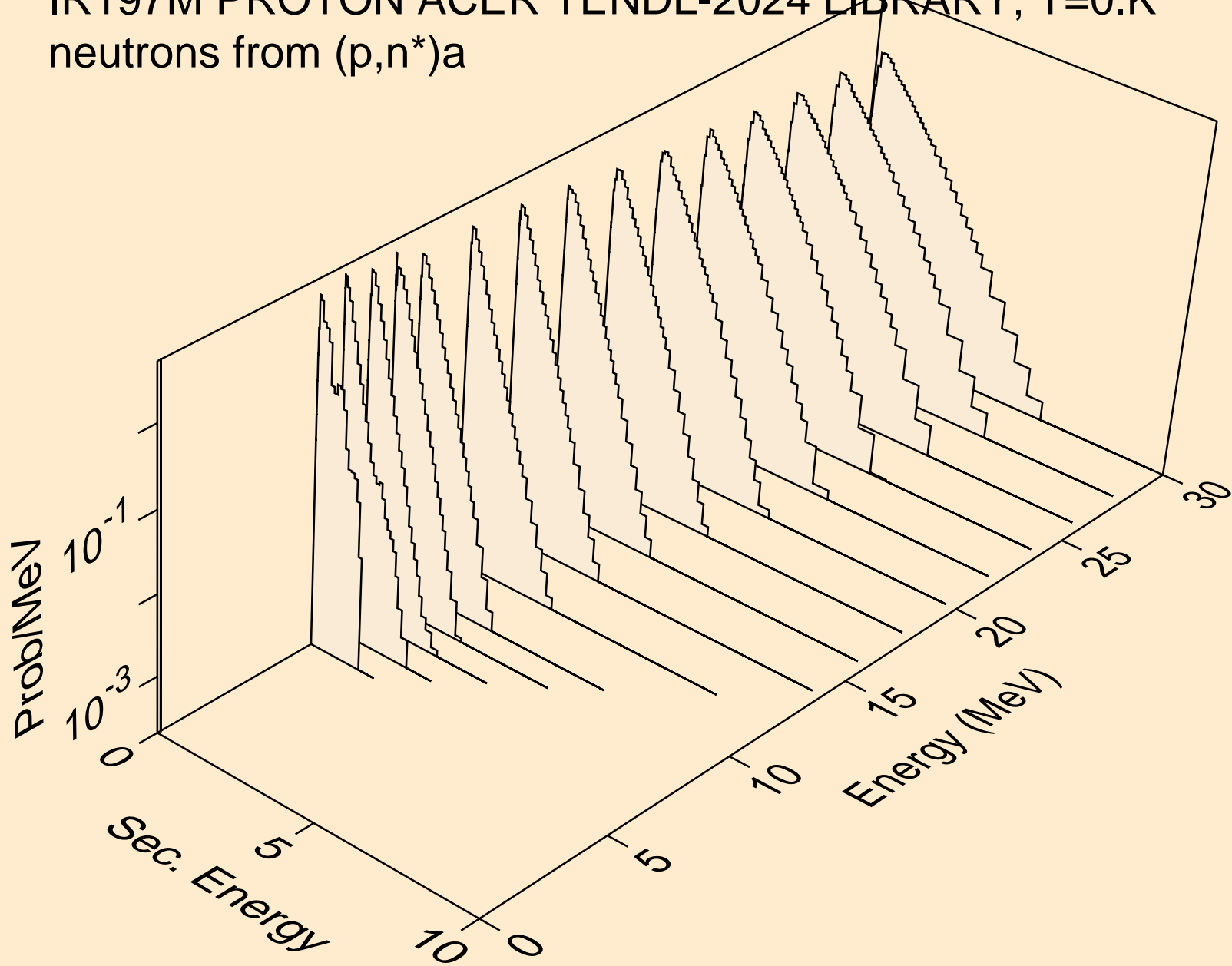
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)



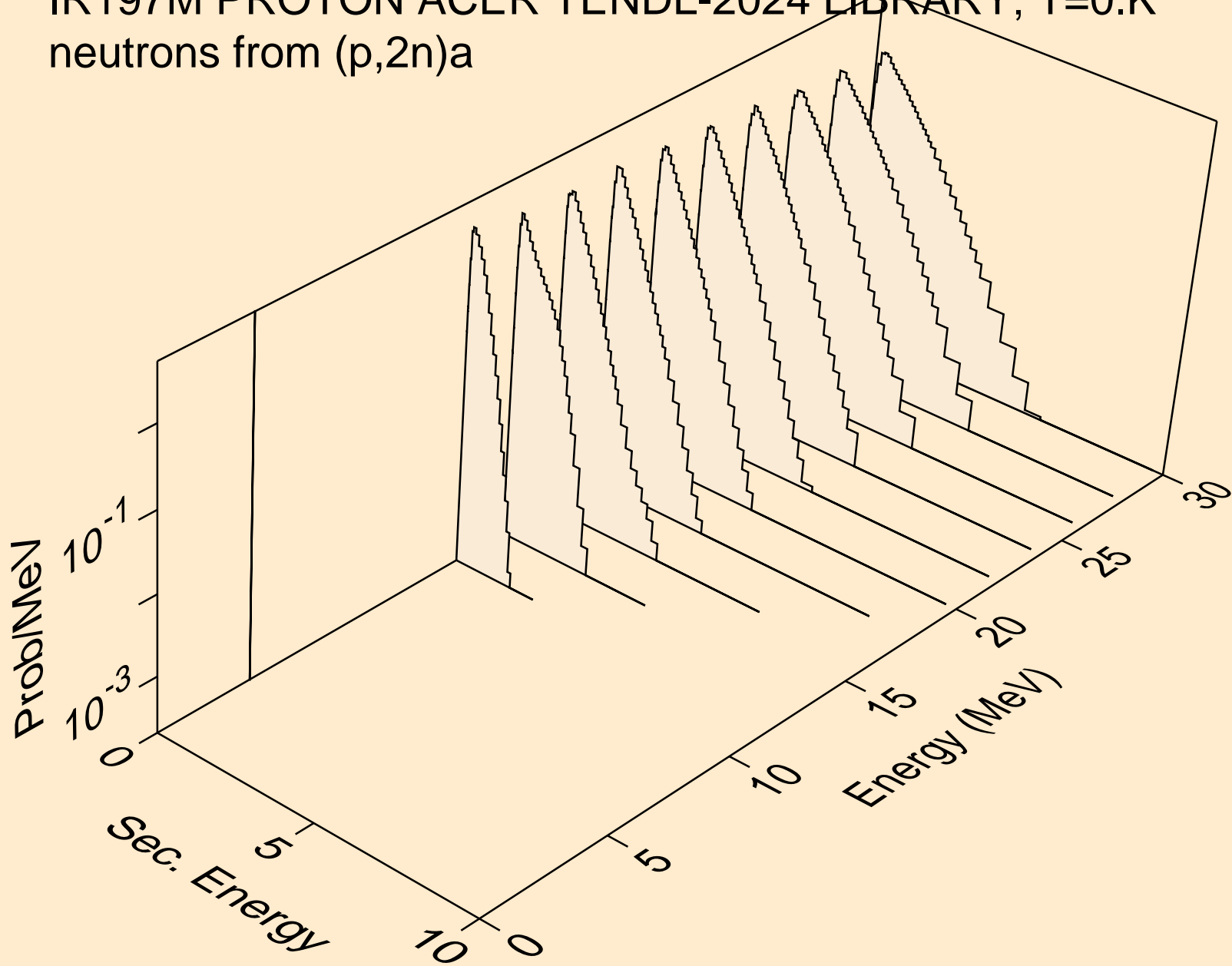
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)



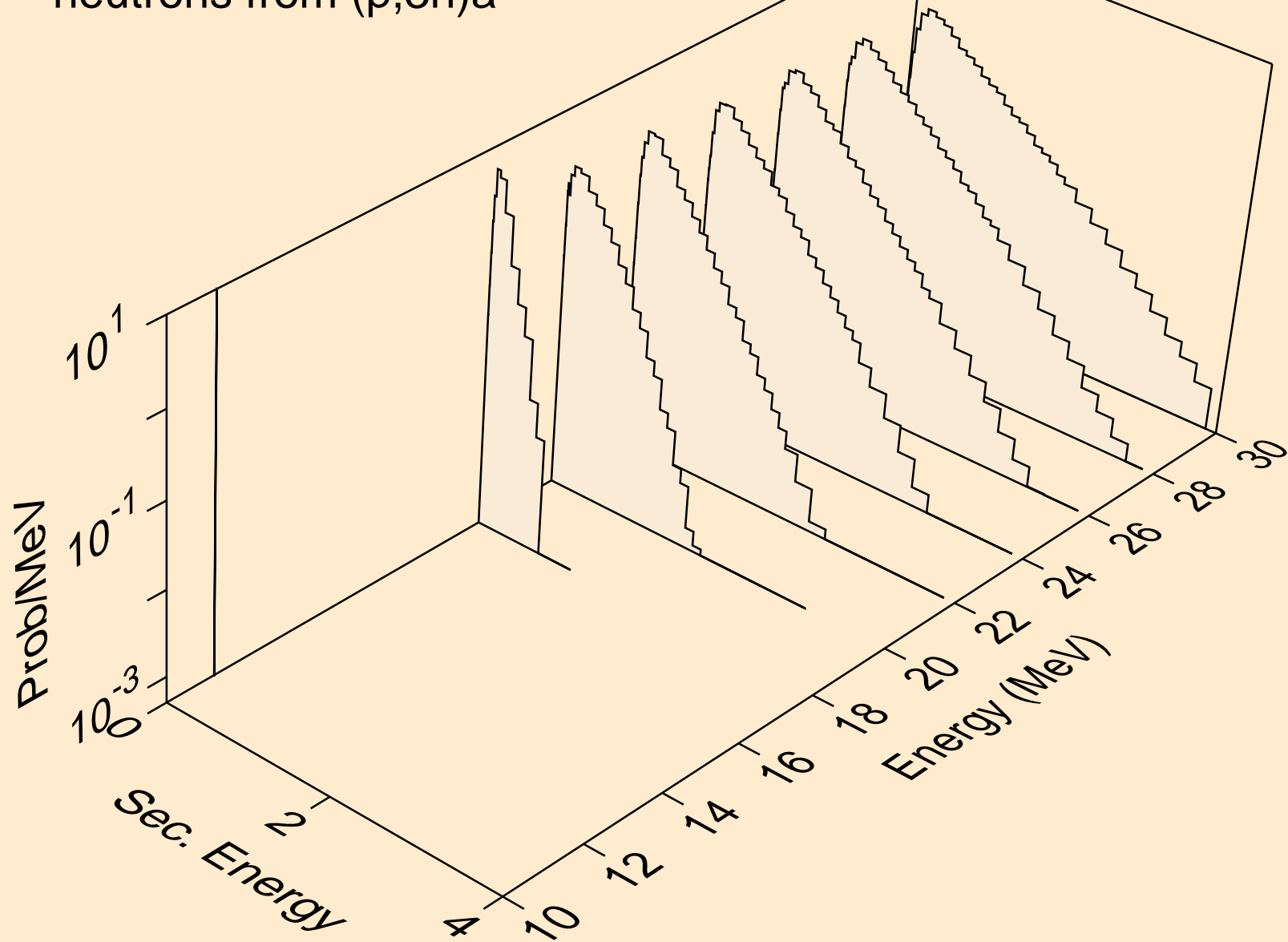
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)a



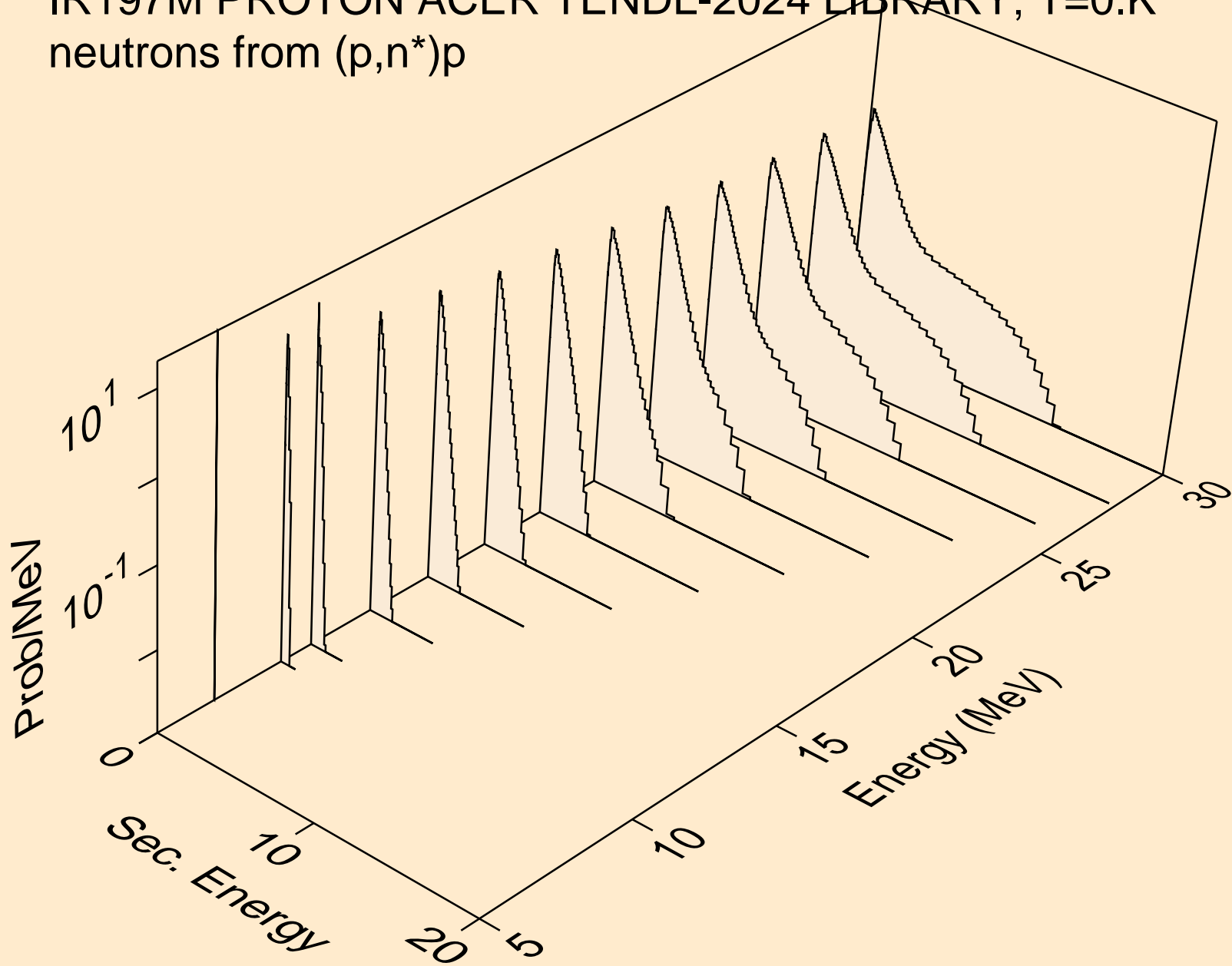
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2n)a



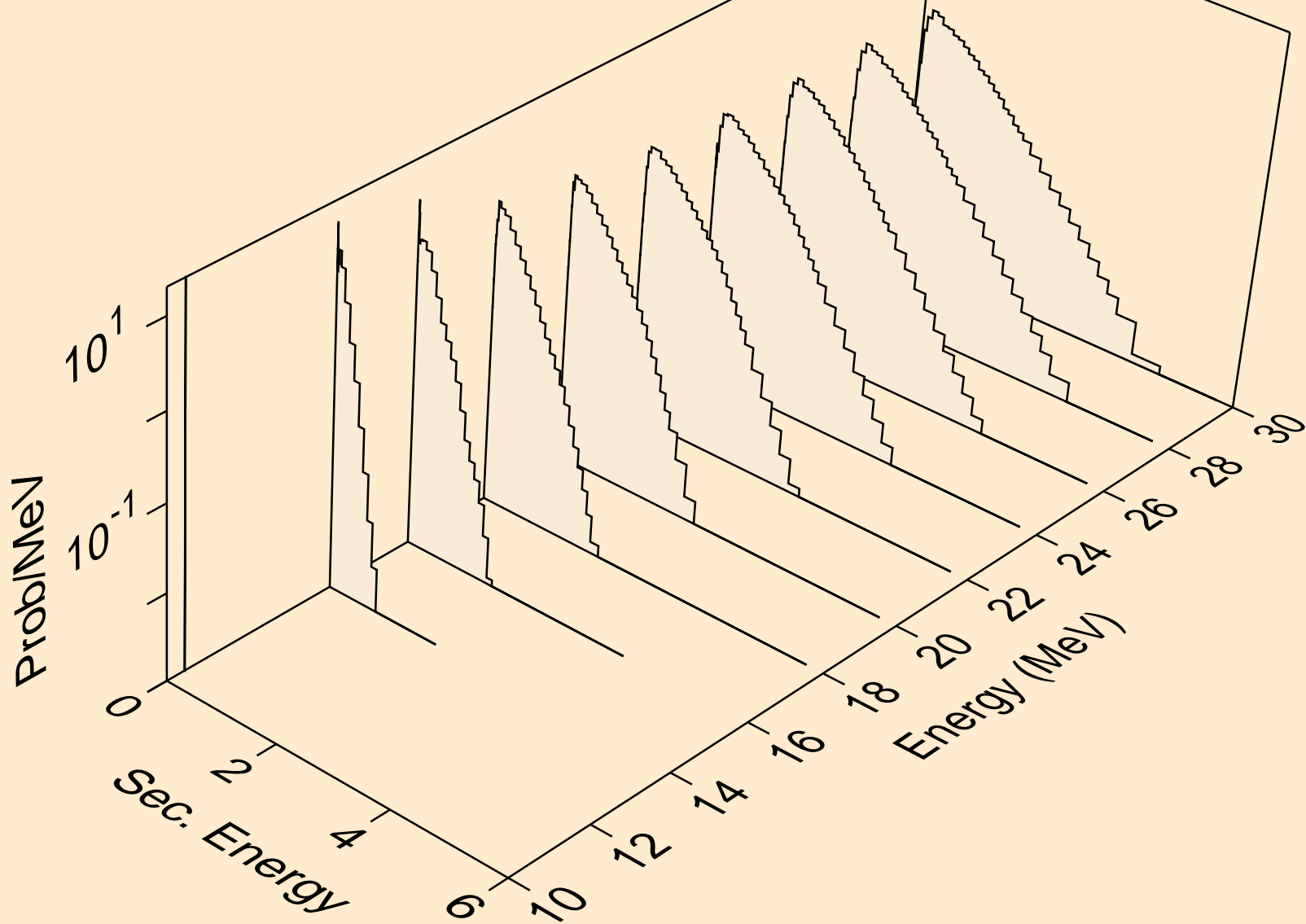
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3n)a



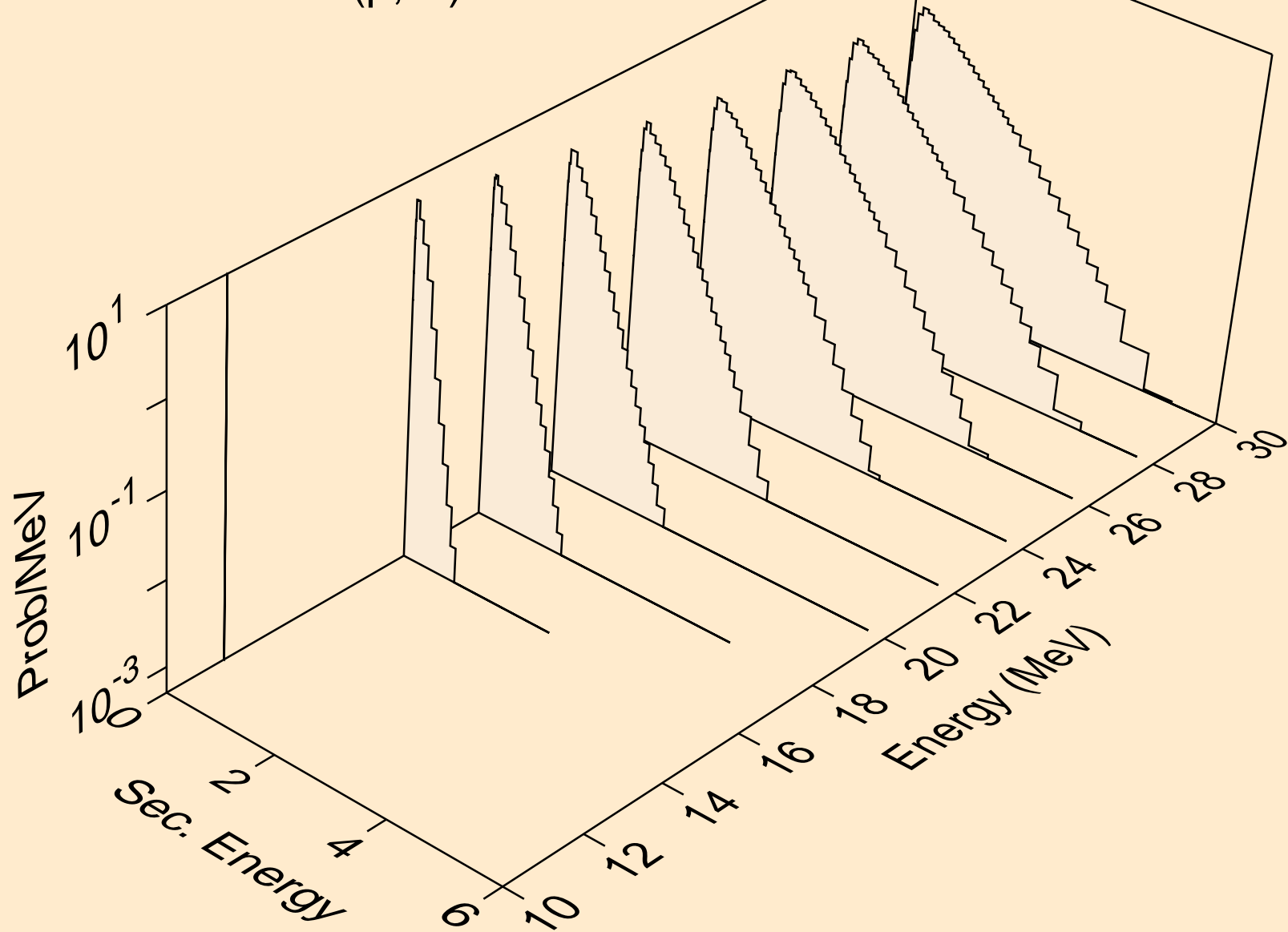
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



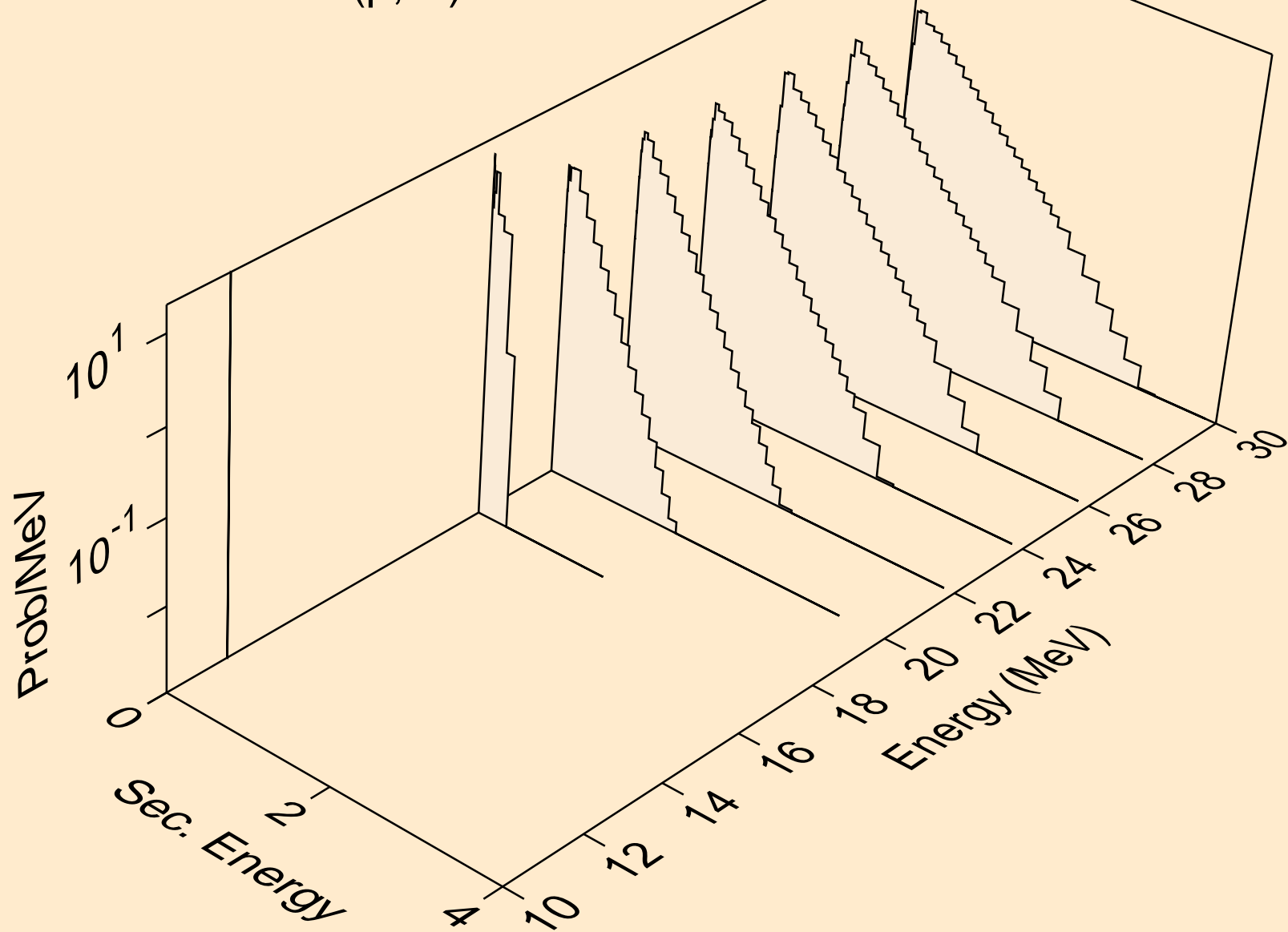
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)d



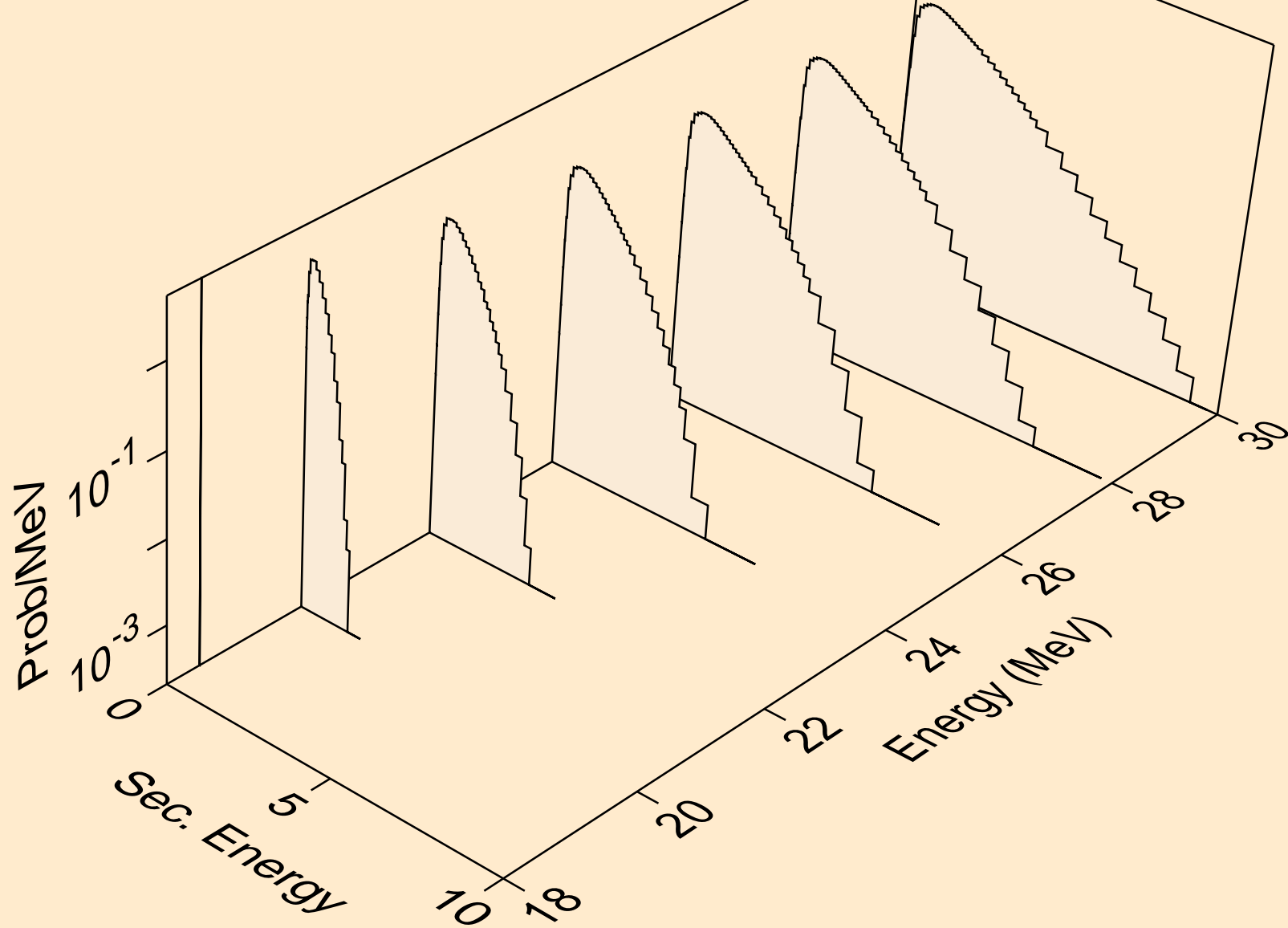
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)t



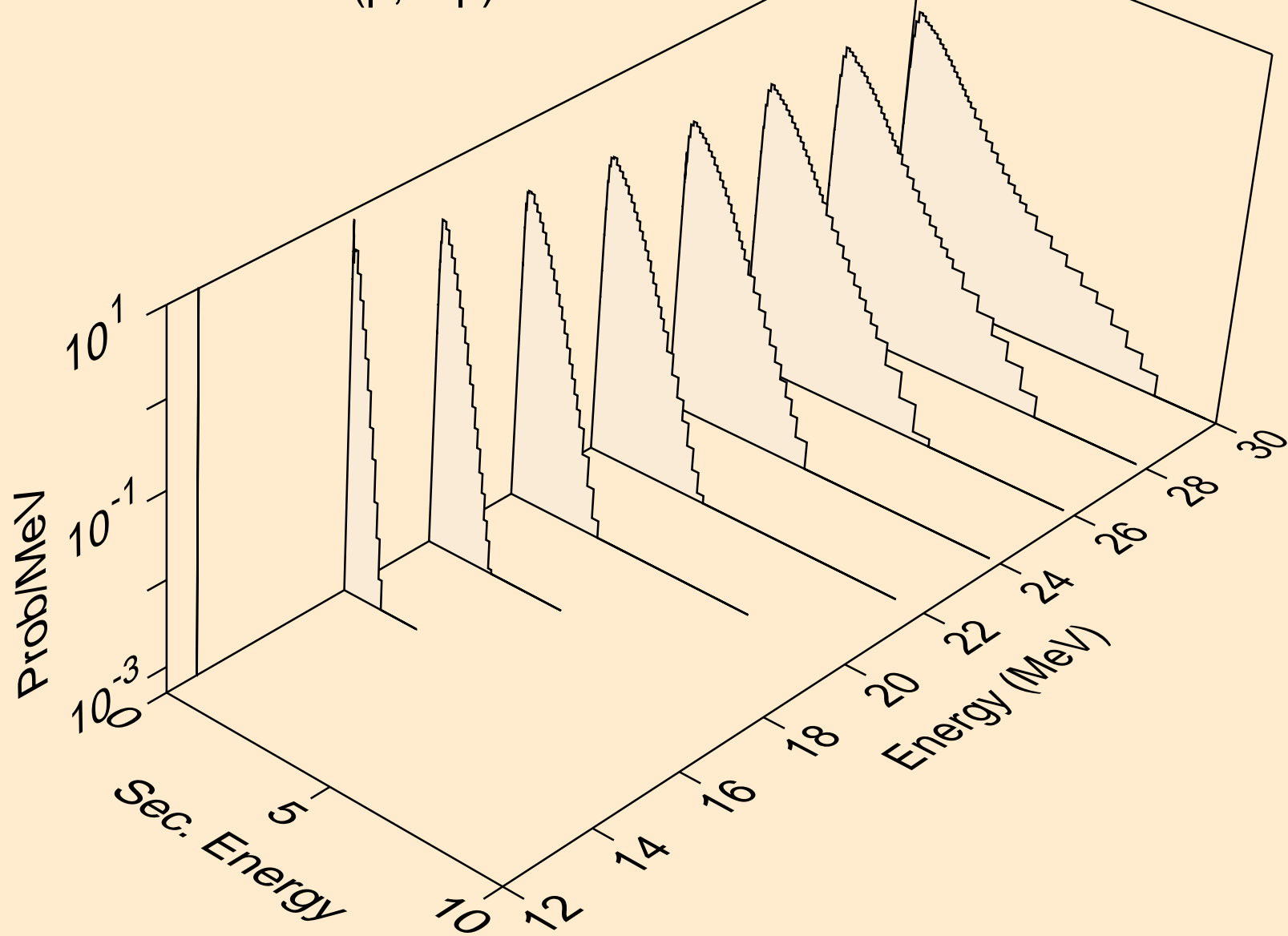
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



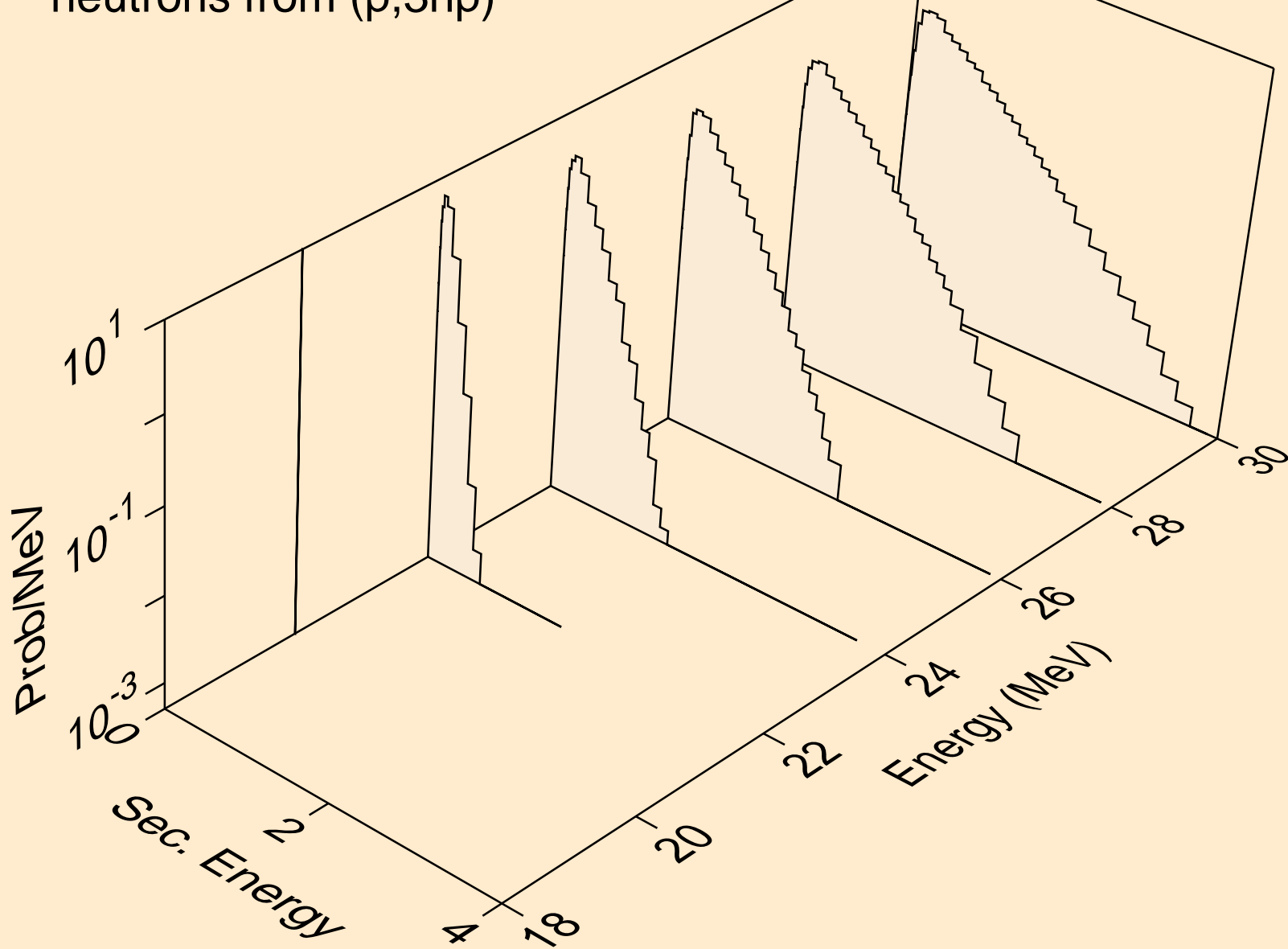
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,4n)



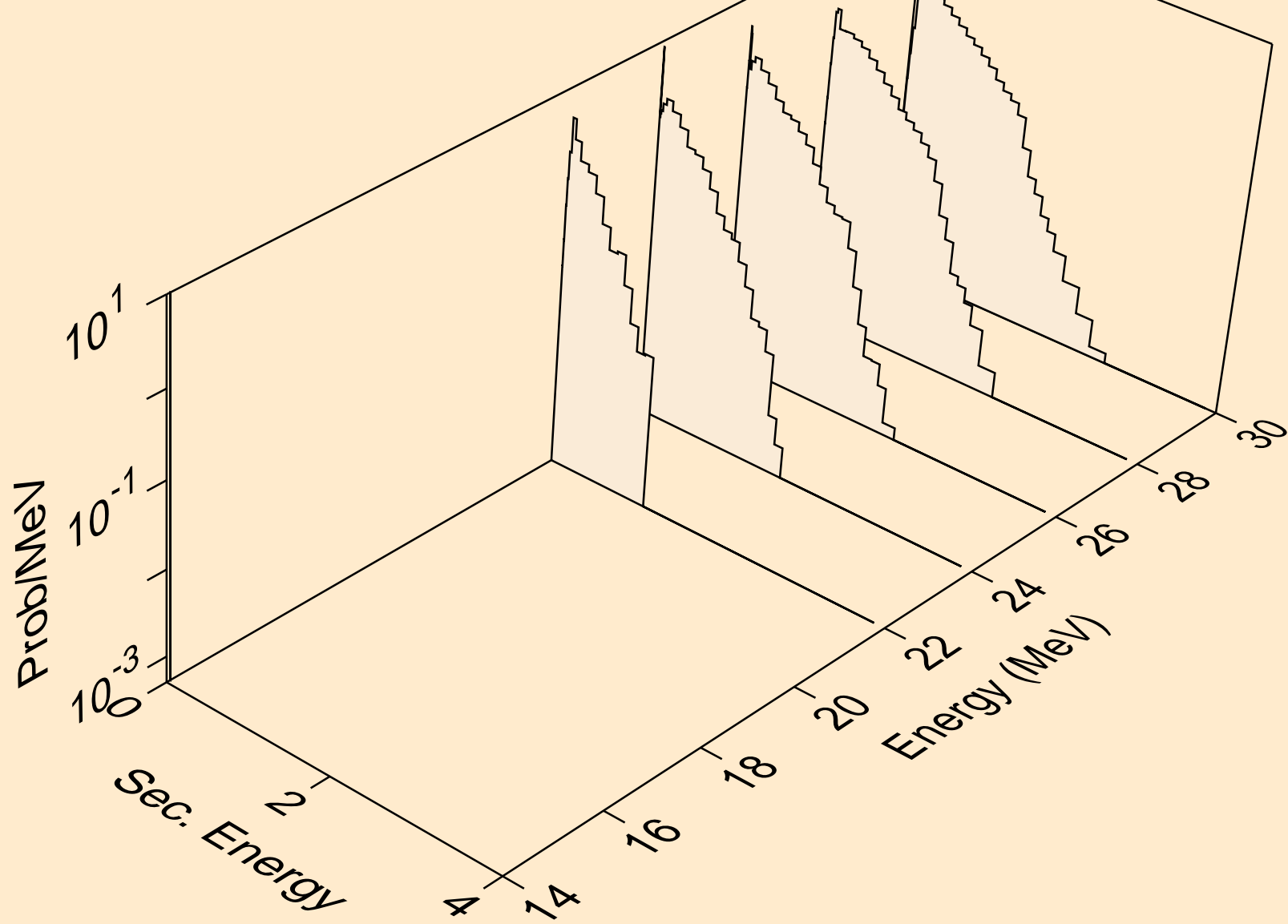
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,2np)



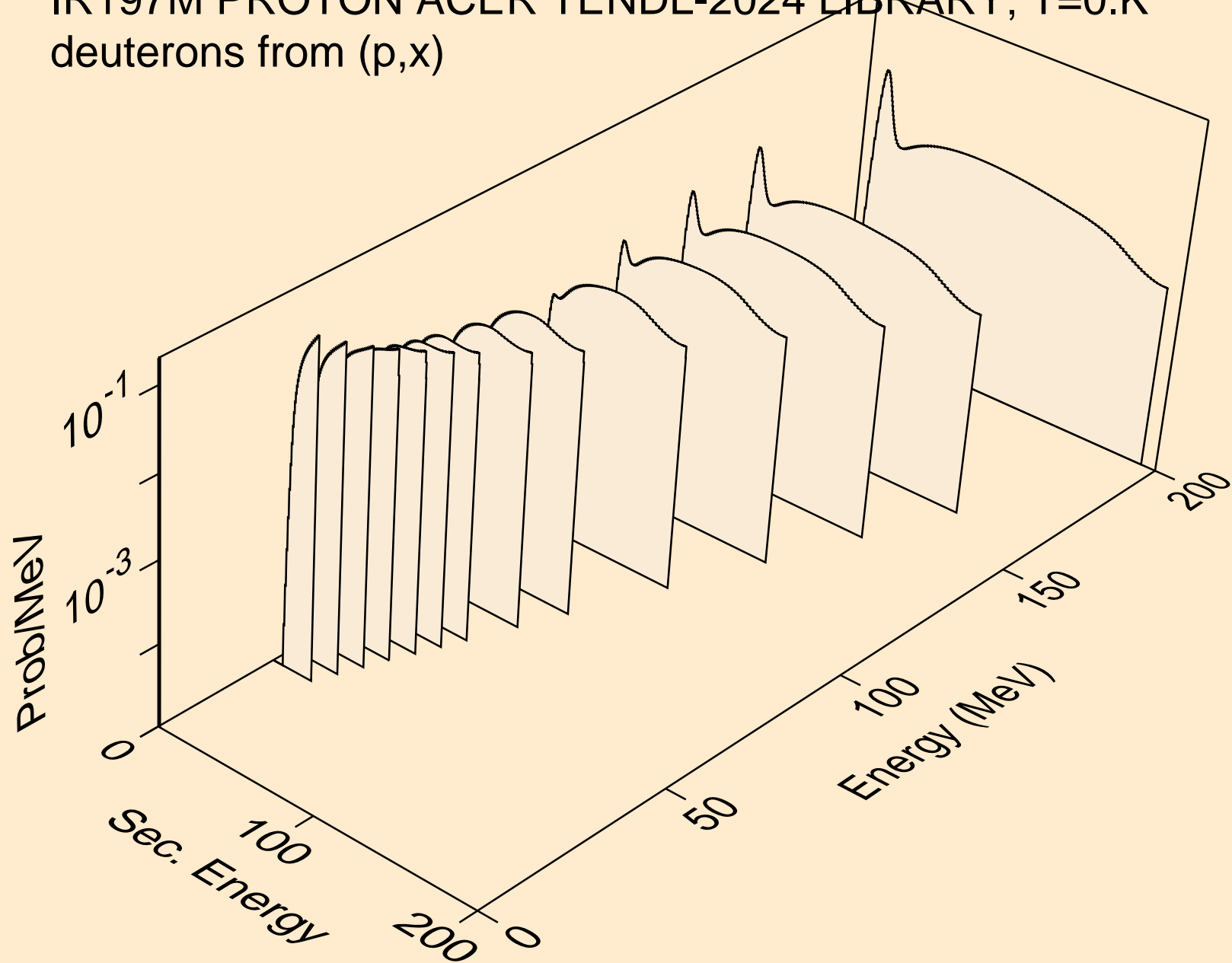
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,3np)



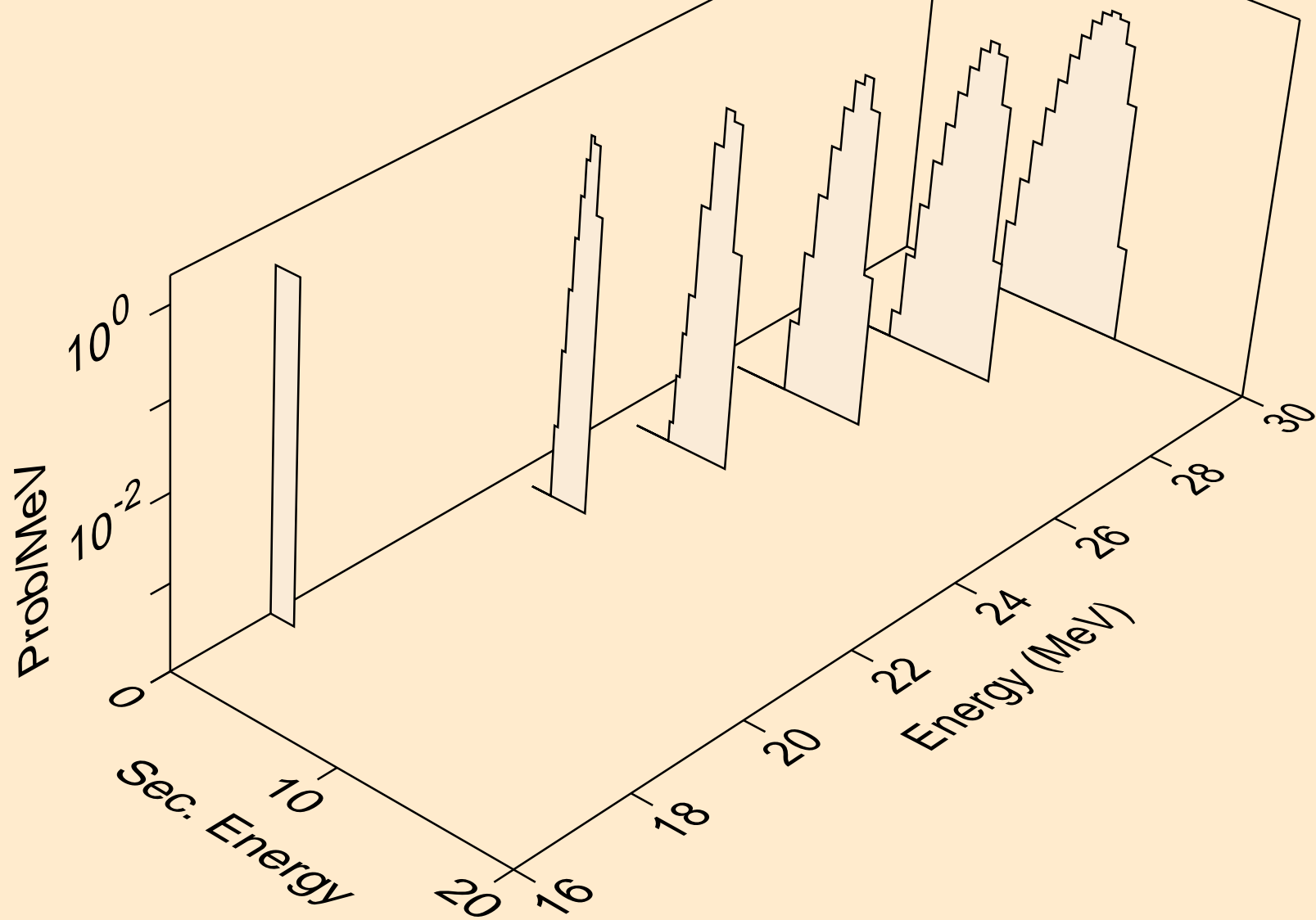
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n2p)



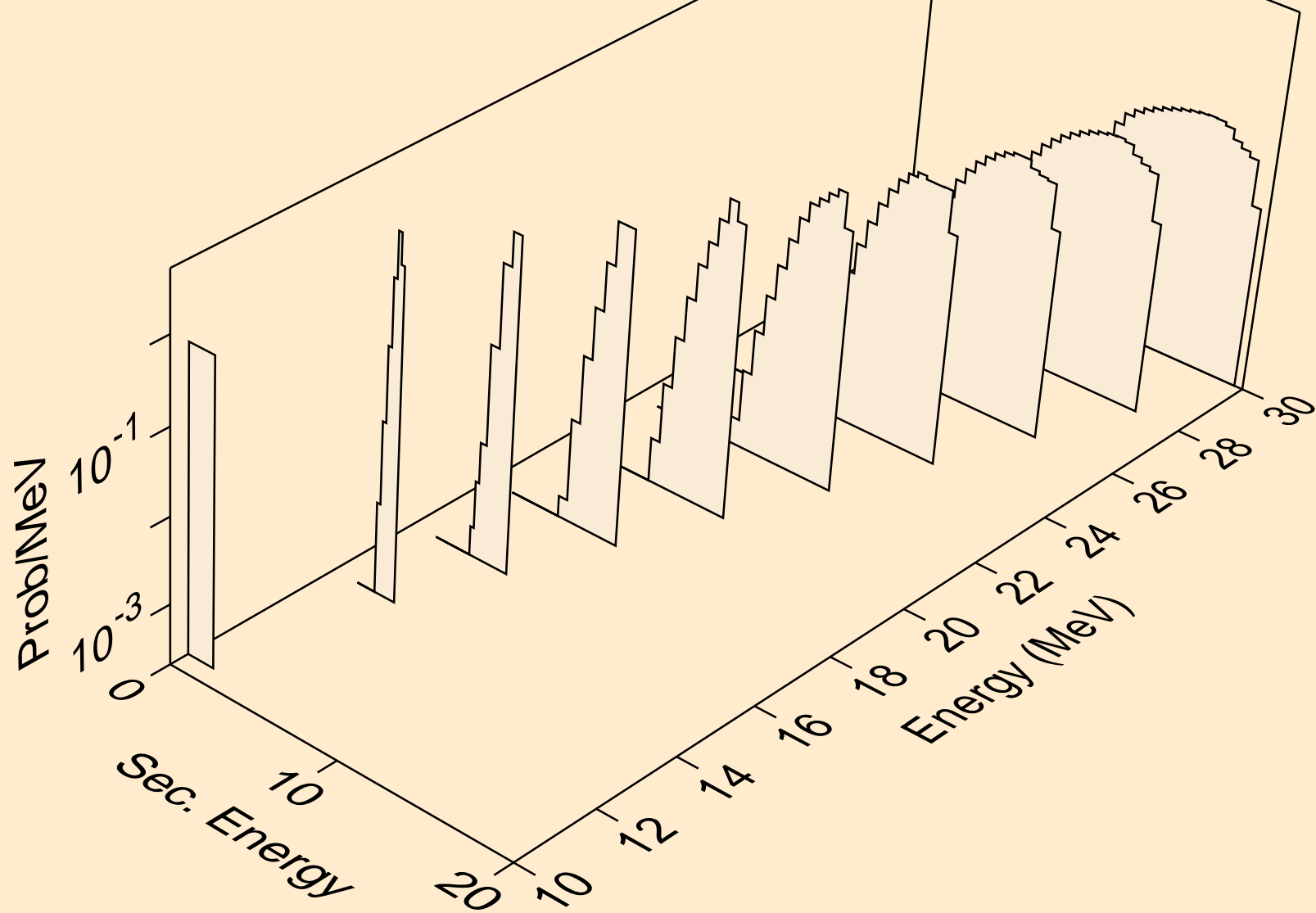
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,x)



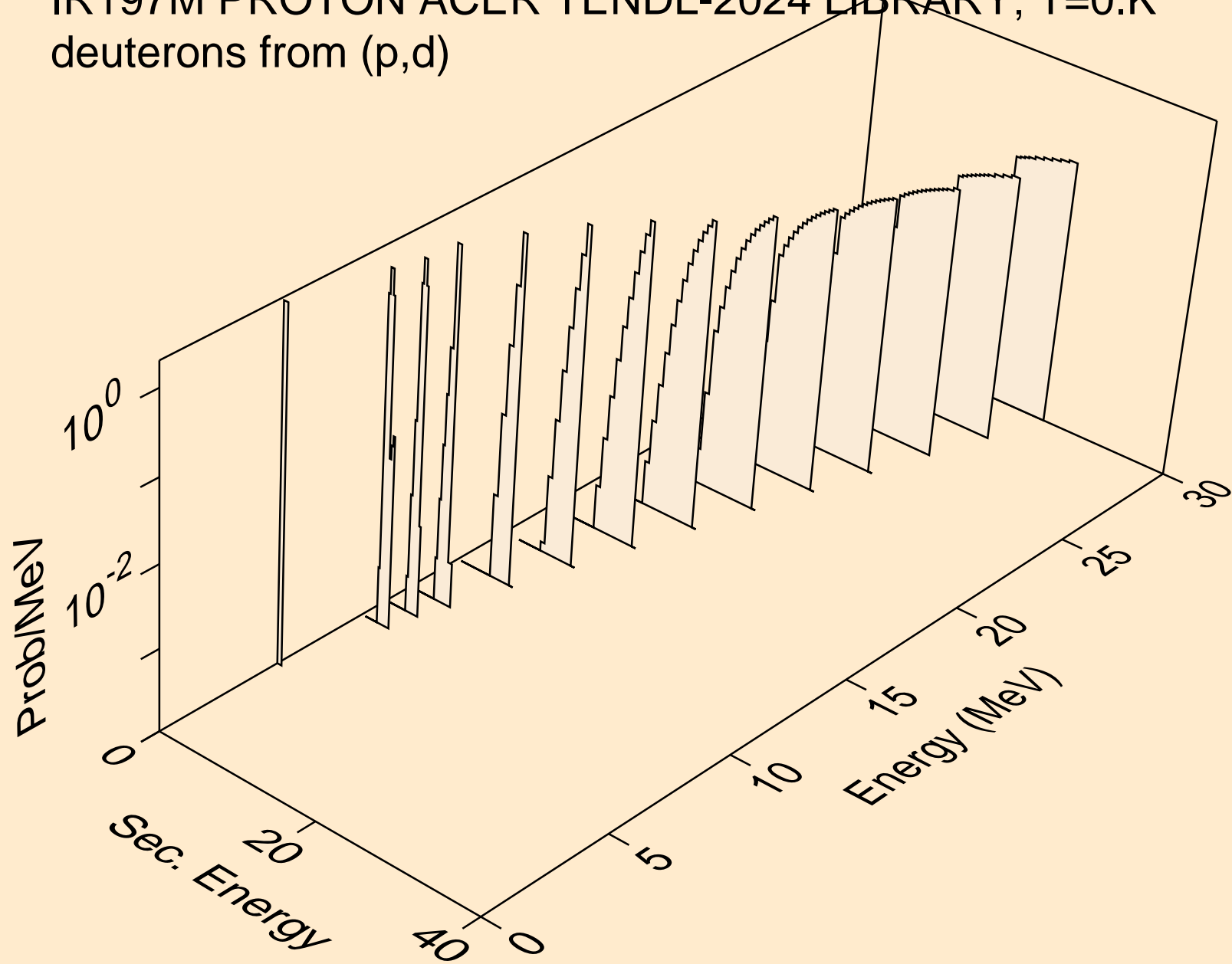
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,2nd)



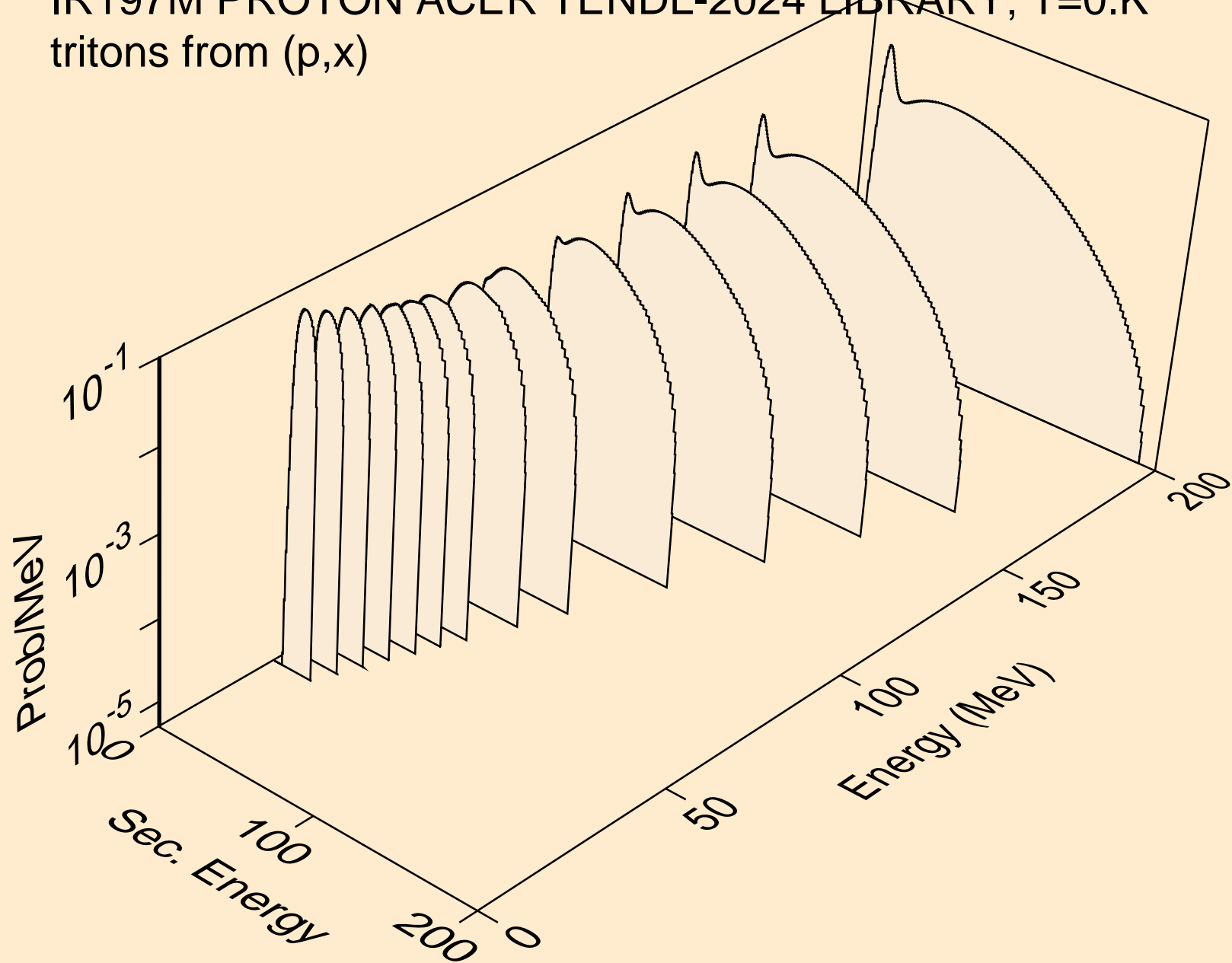
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,n\*)d



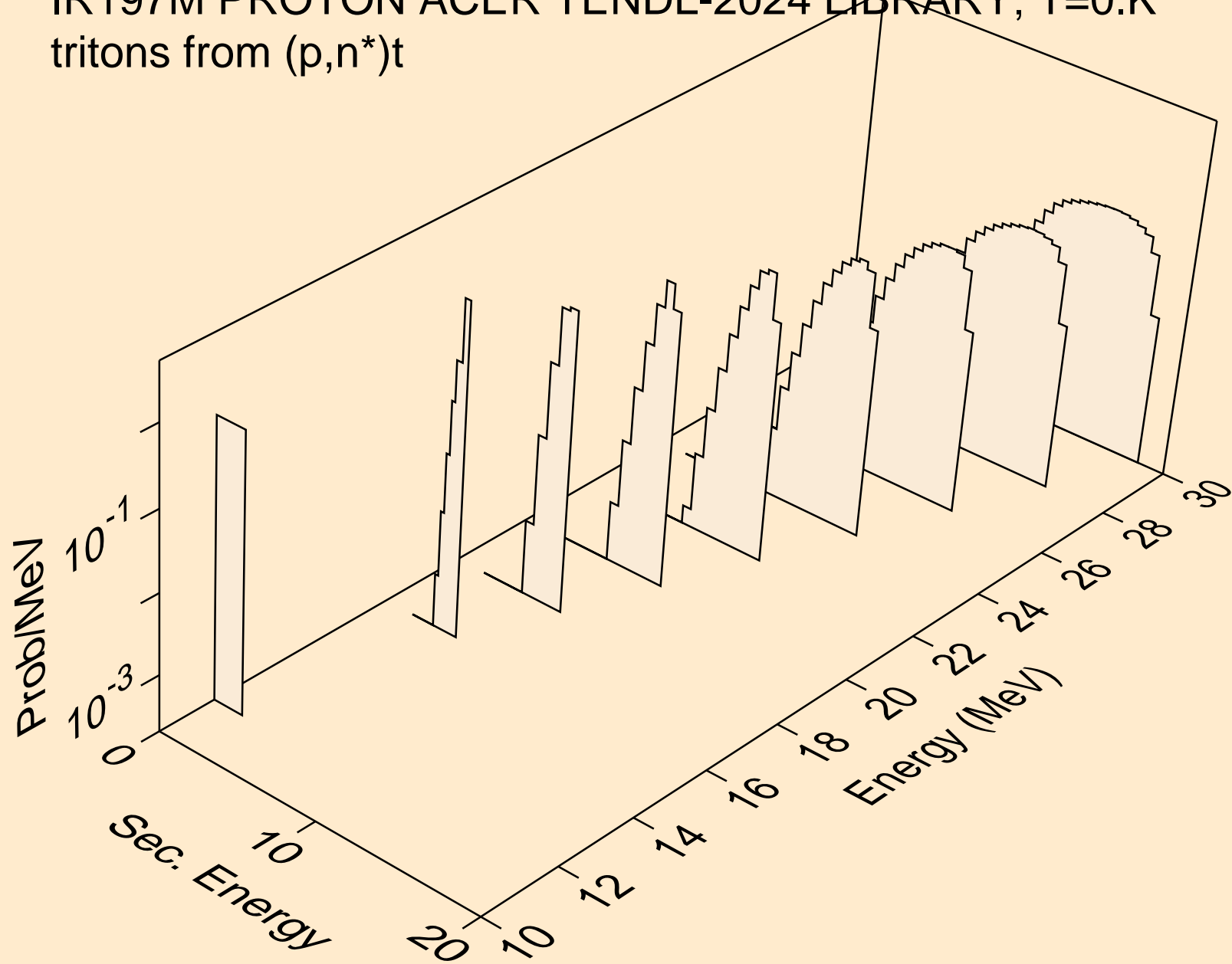
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,d)



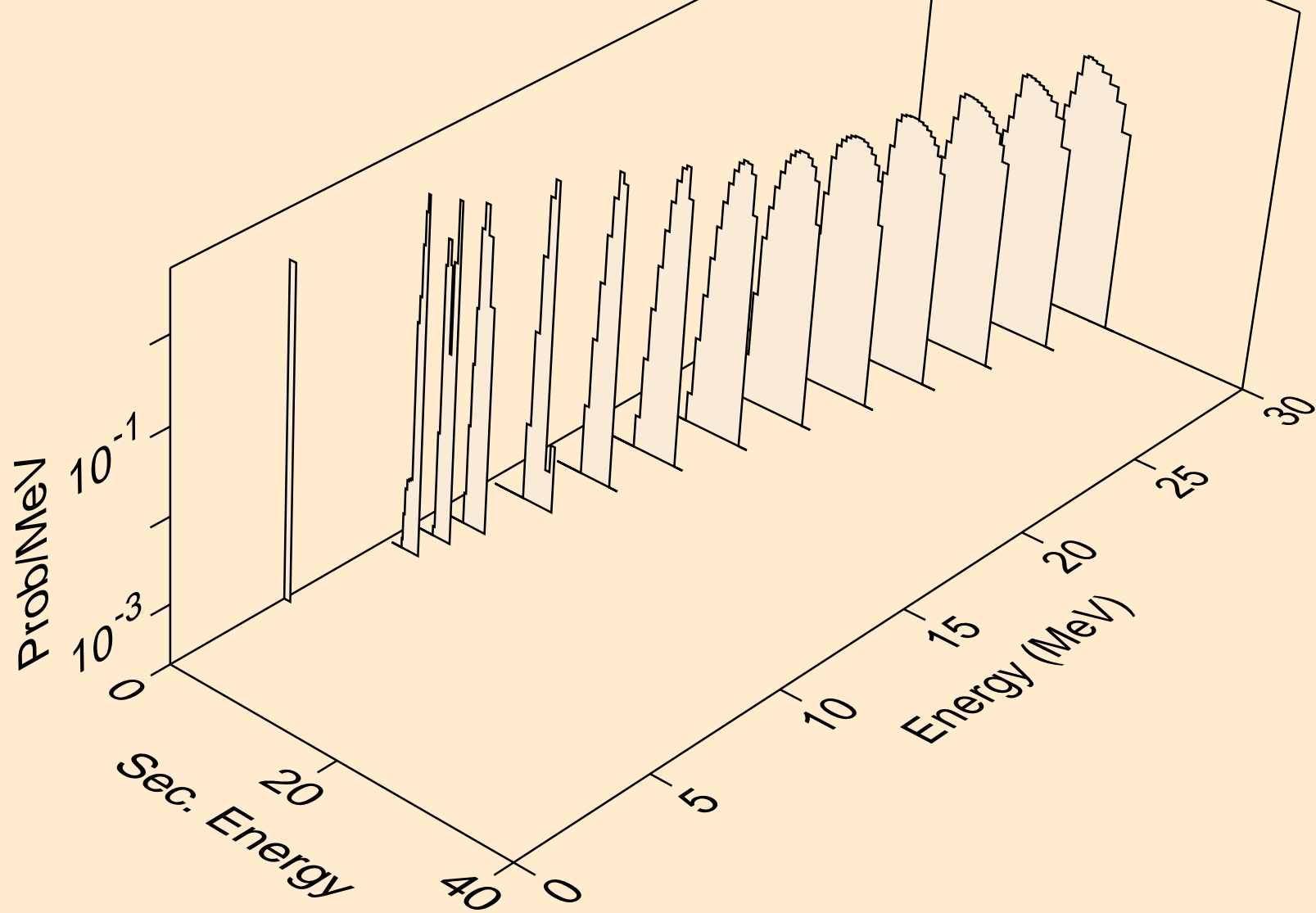
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,x)



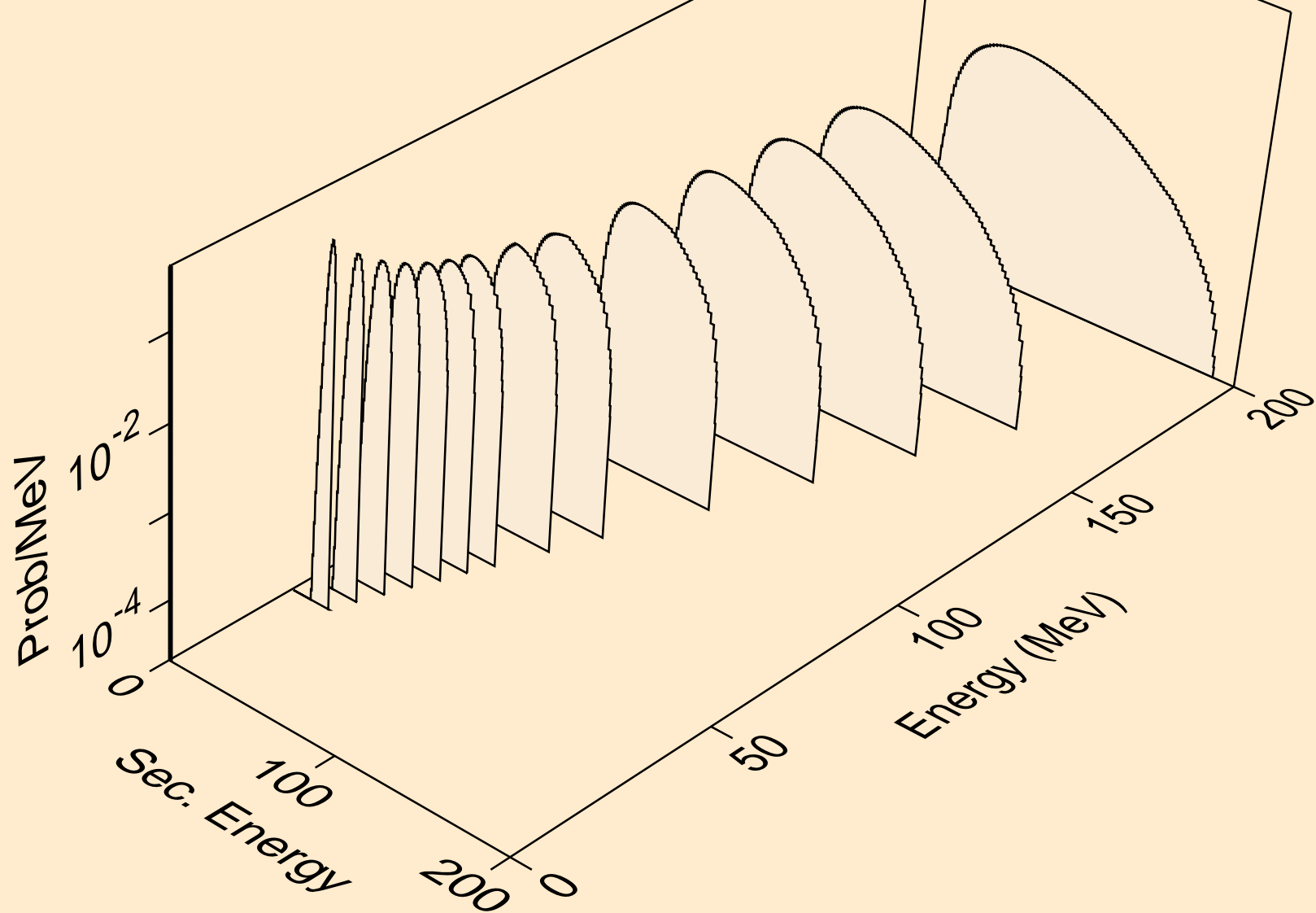
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,n\*)t



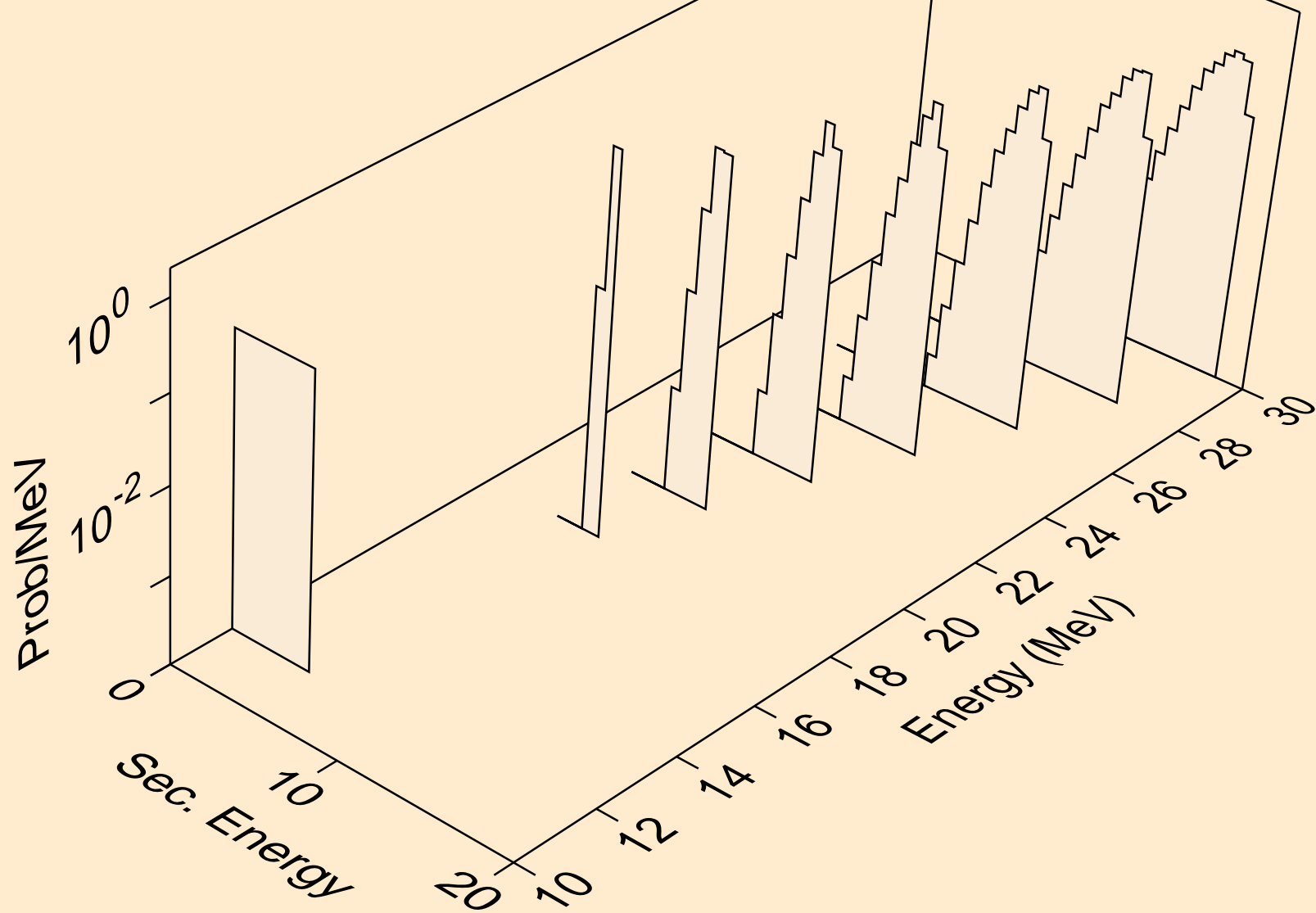
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



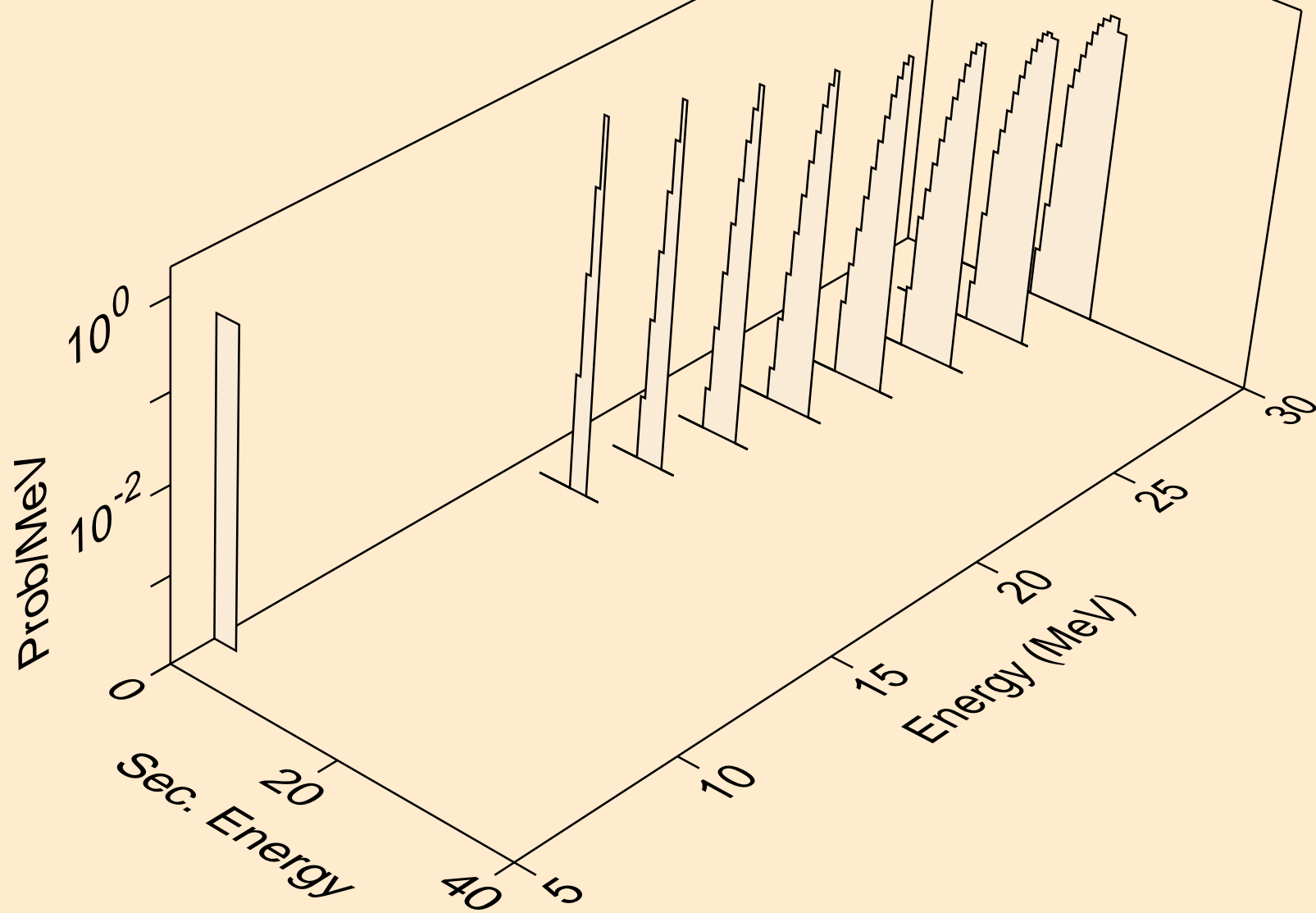
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



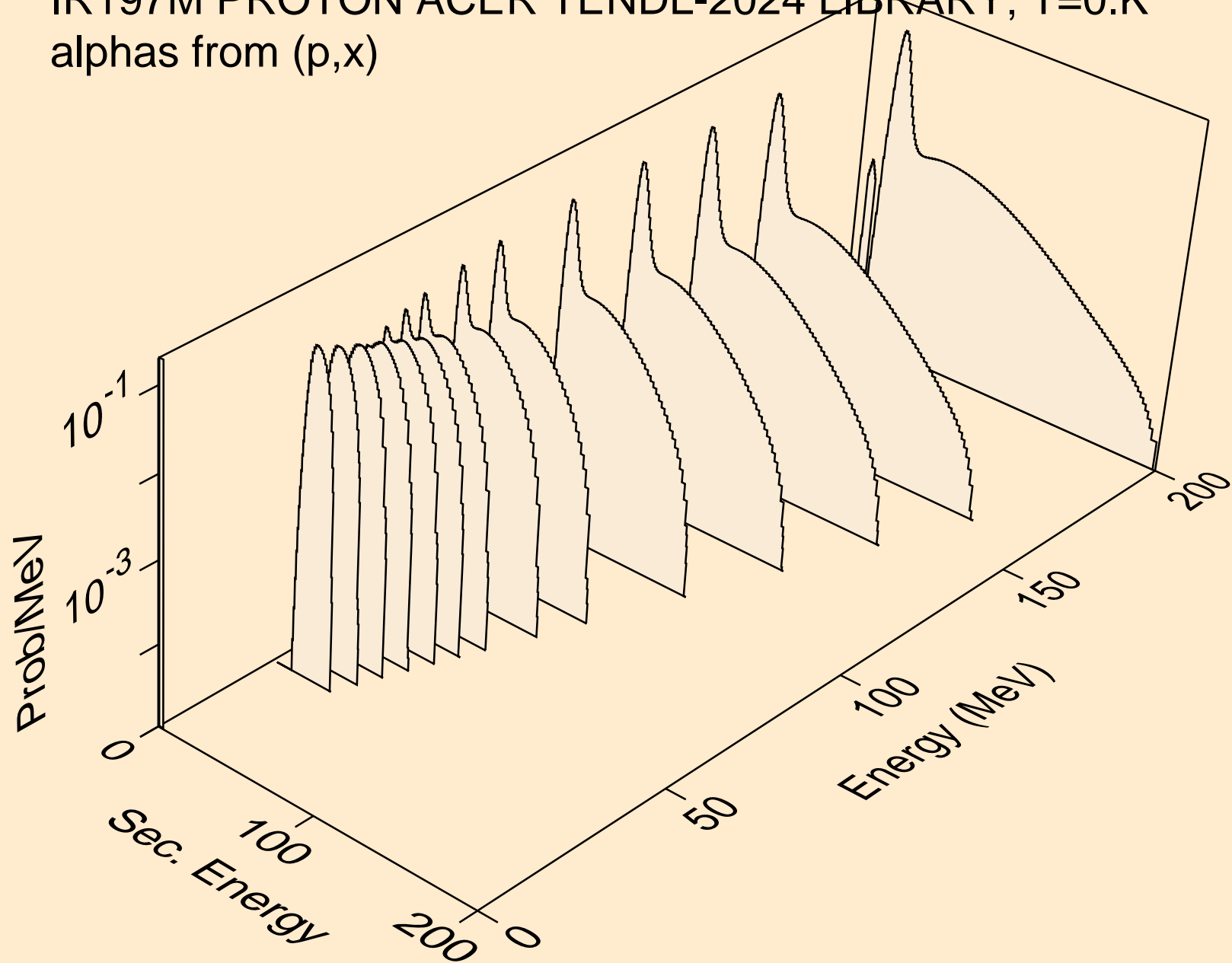
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,n\*)he3



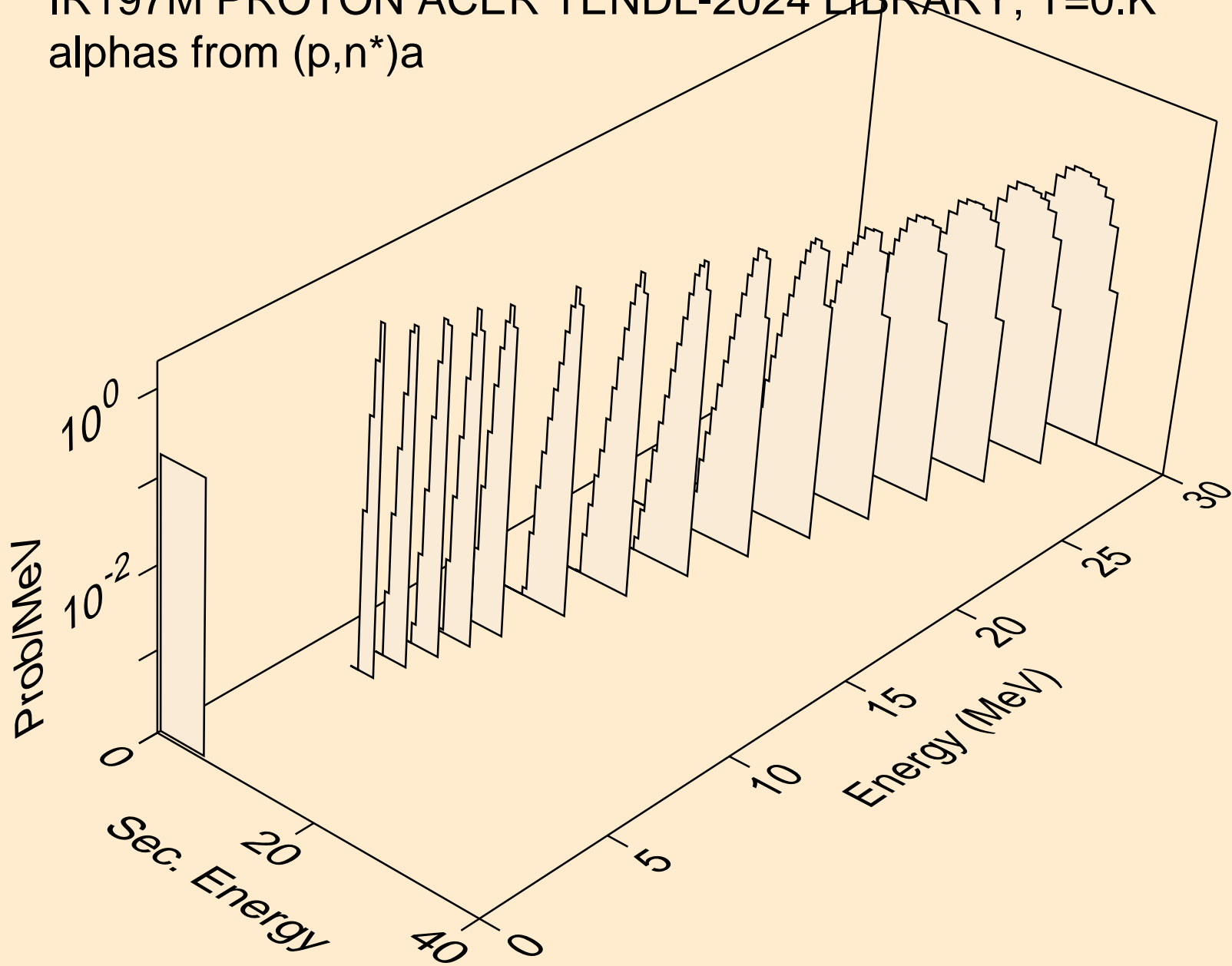
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,he3)



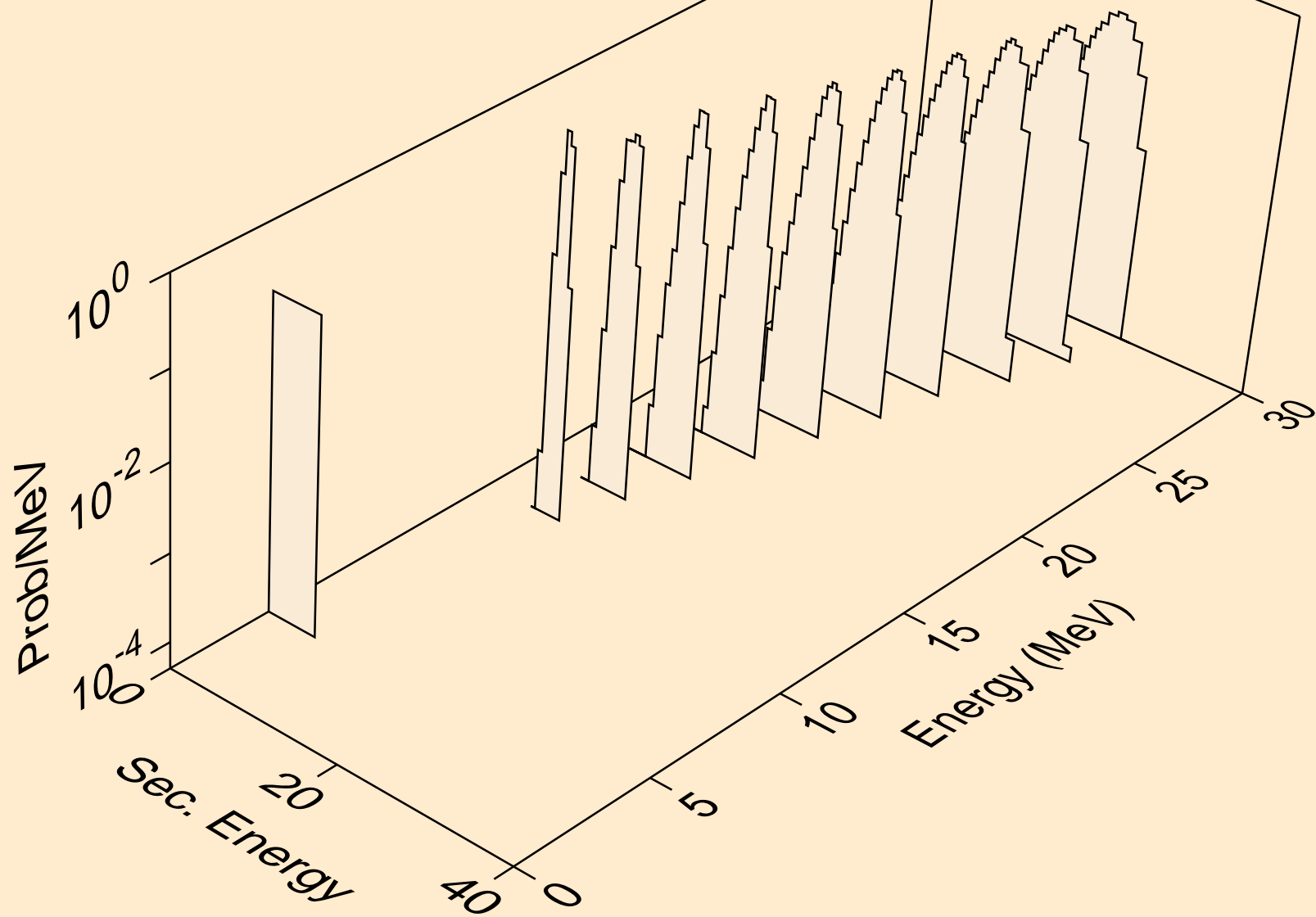
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



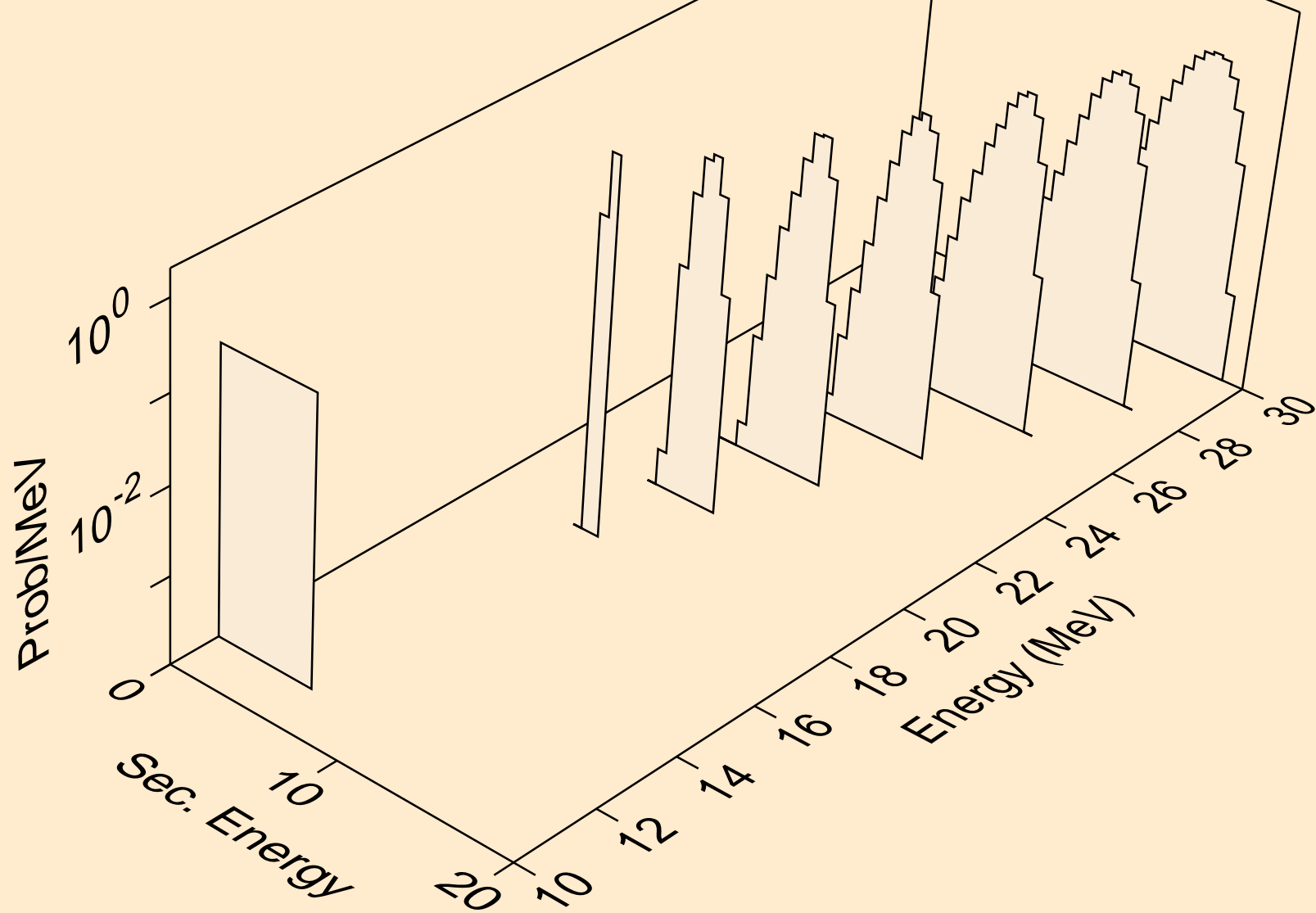
IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,3n)a



IR197M PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)

