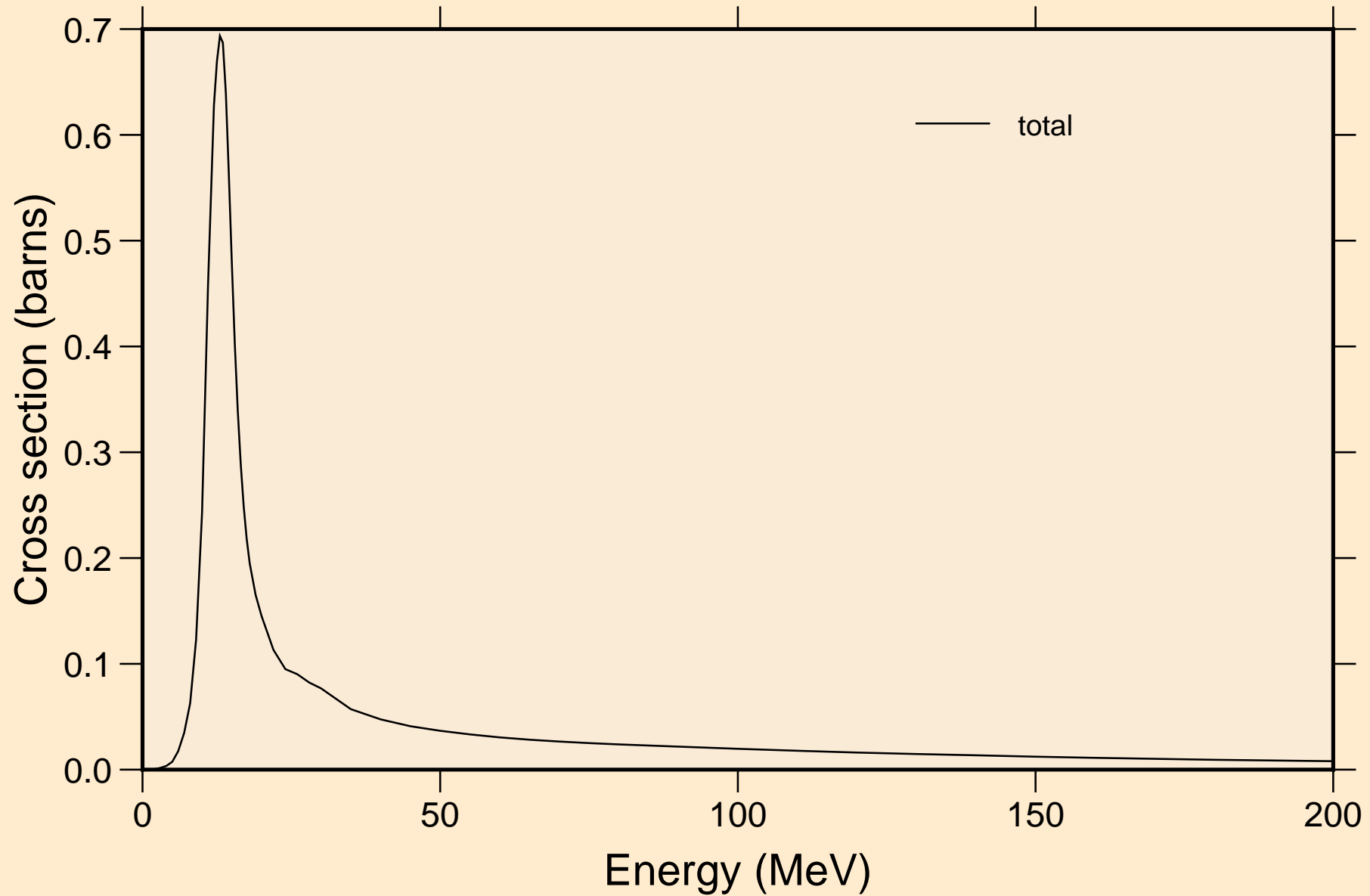


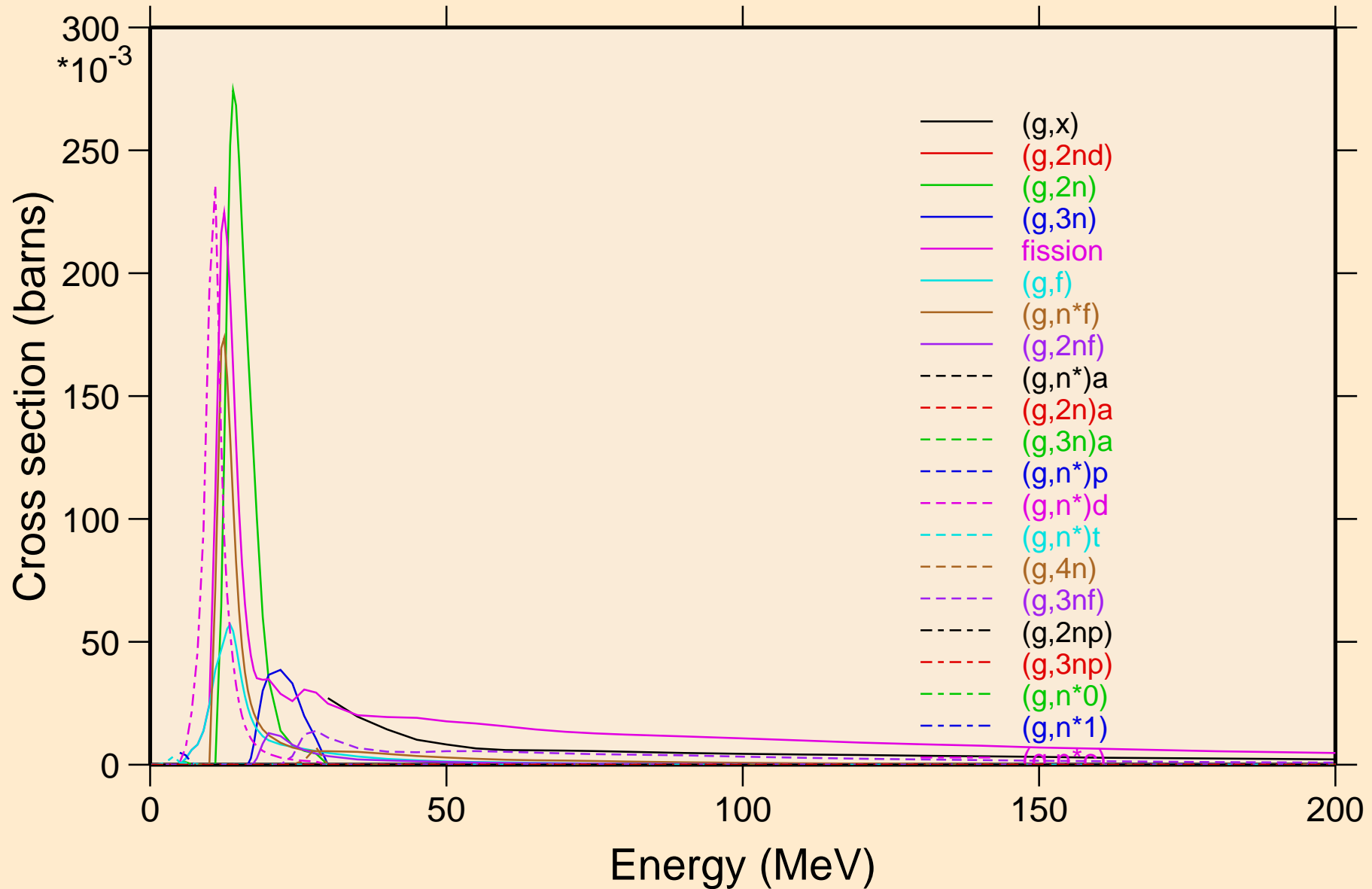
# U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



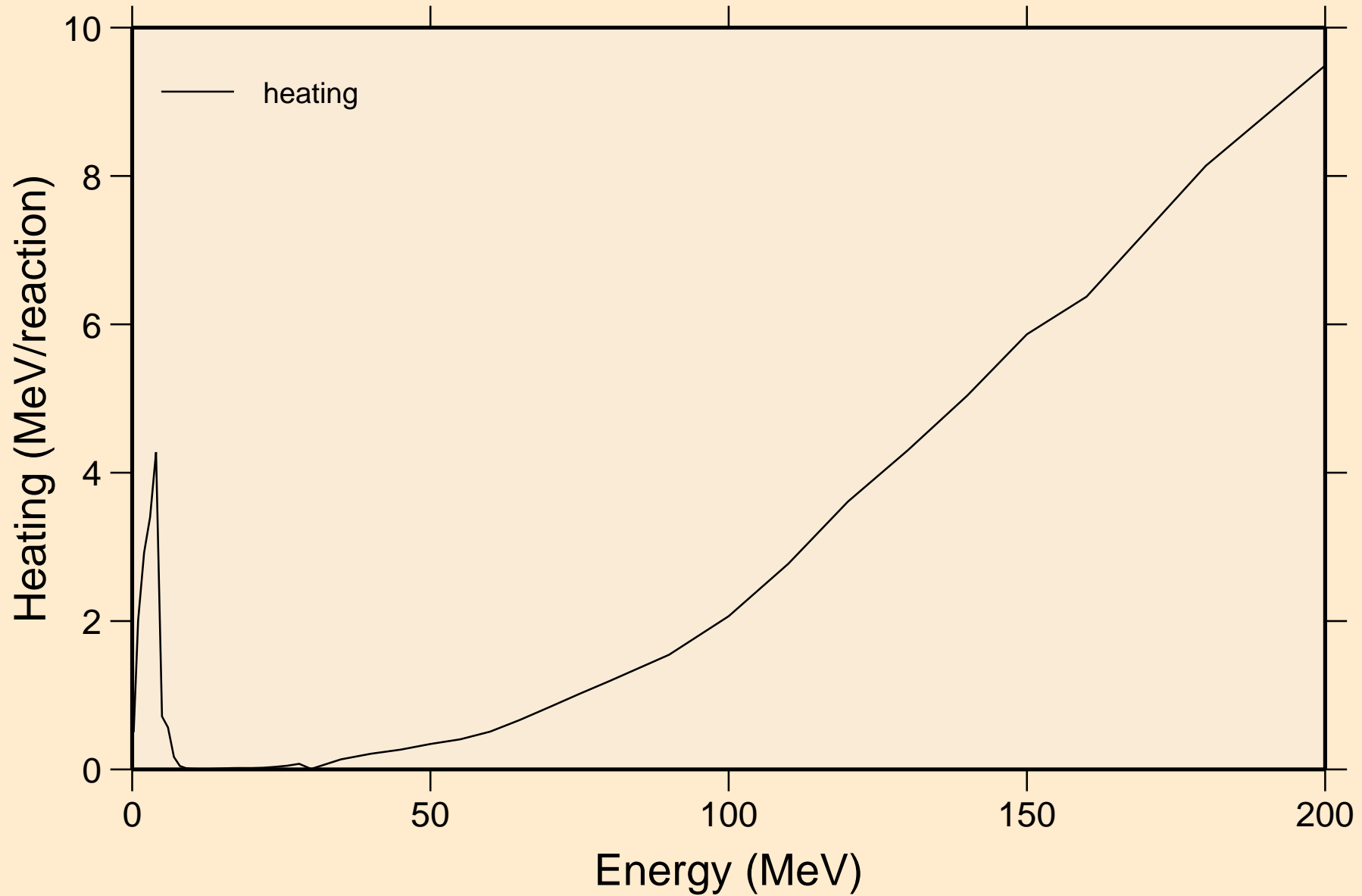
# U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K

## Partial cross sections



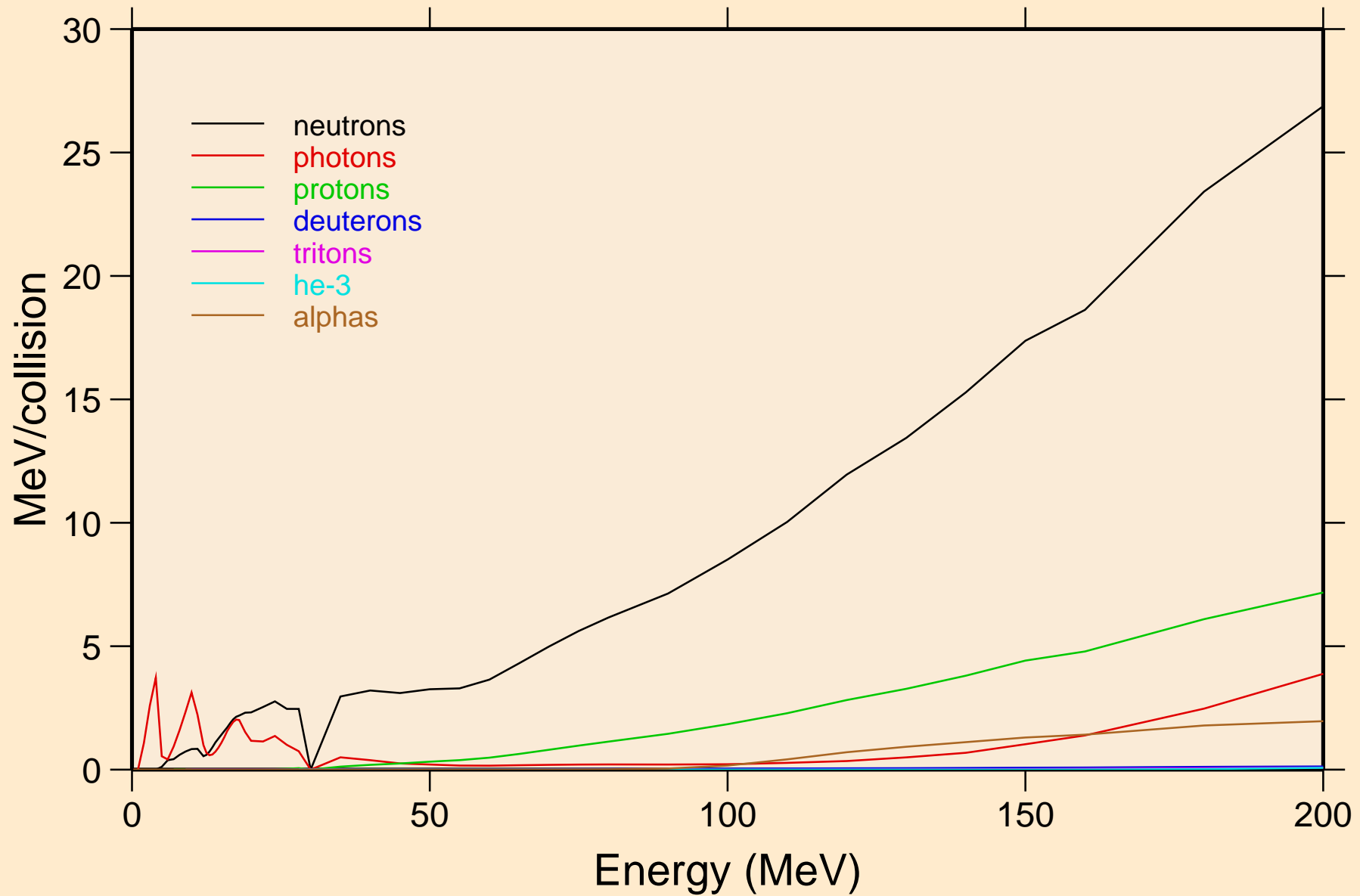
# U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

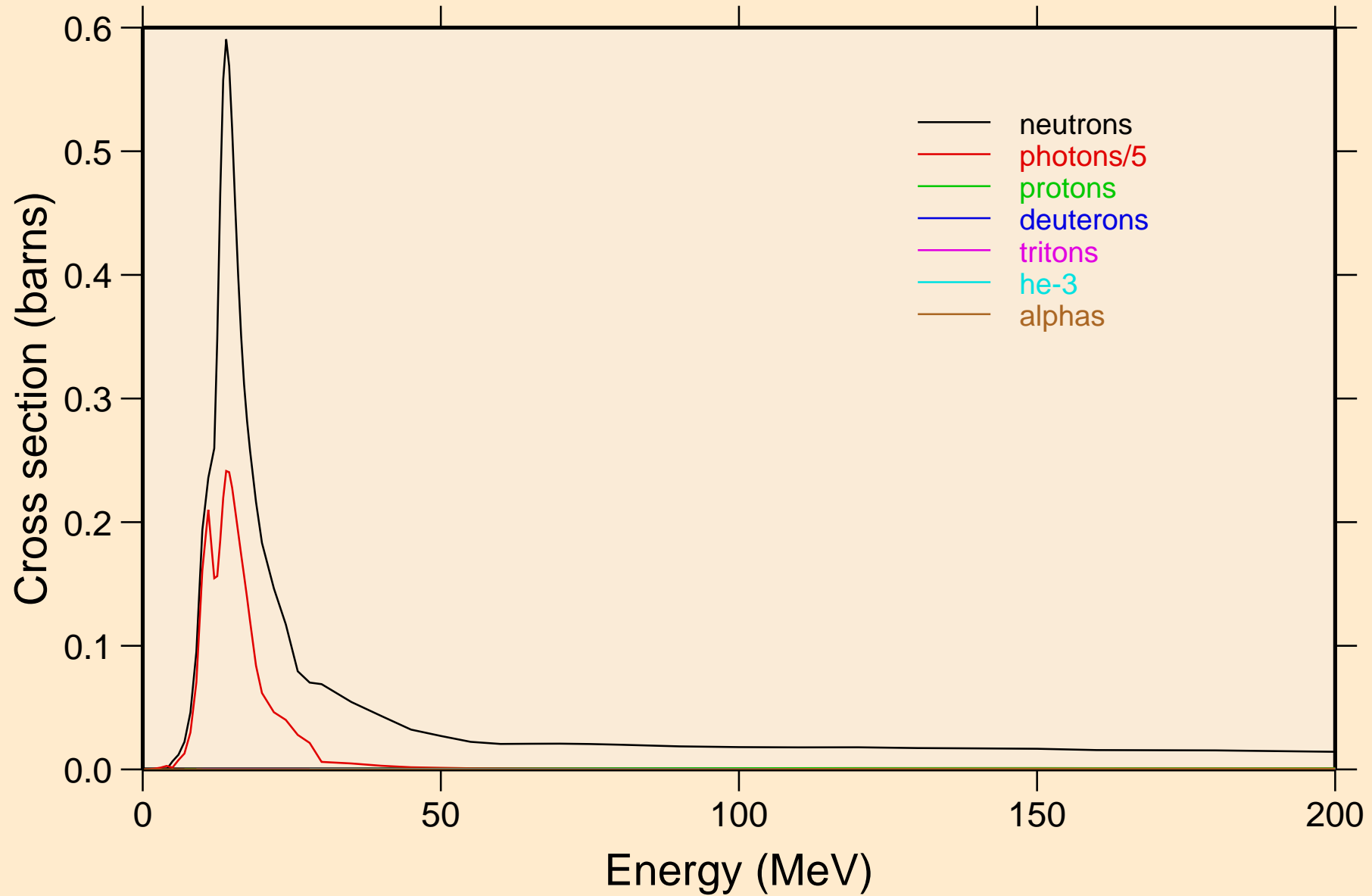


# U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K

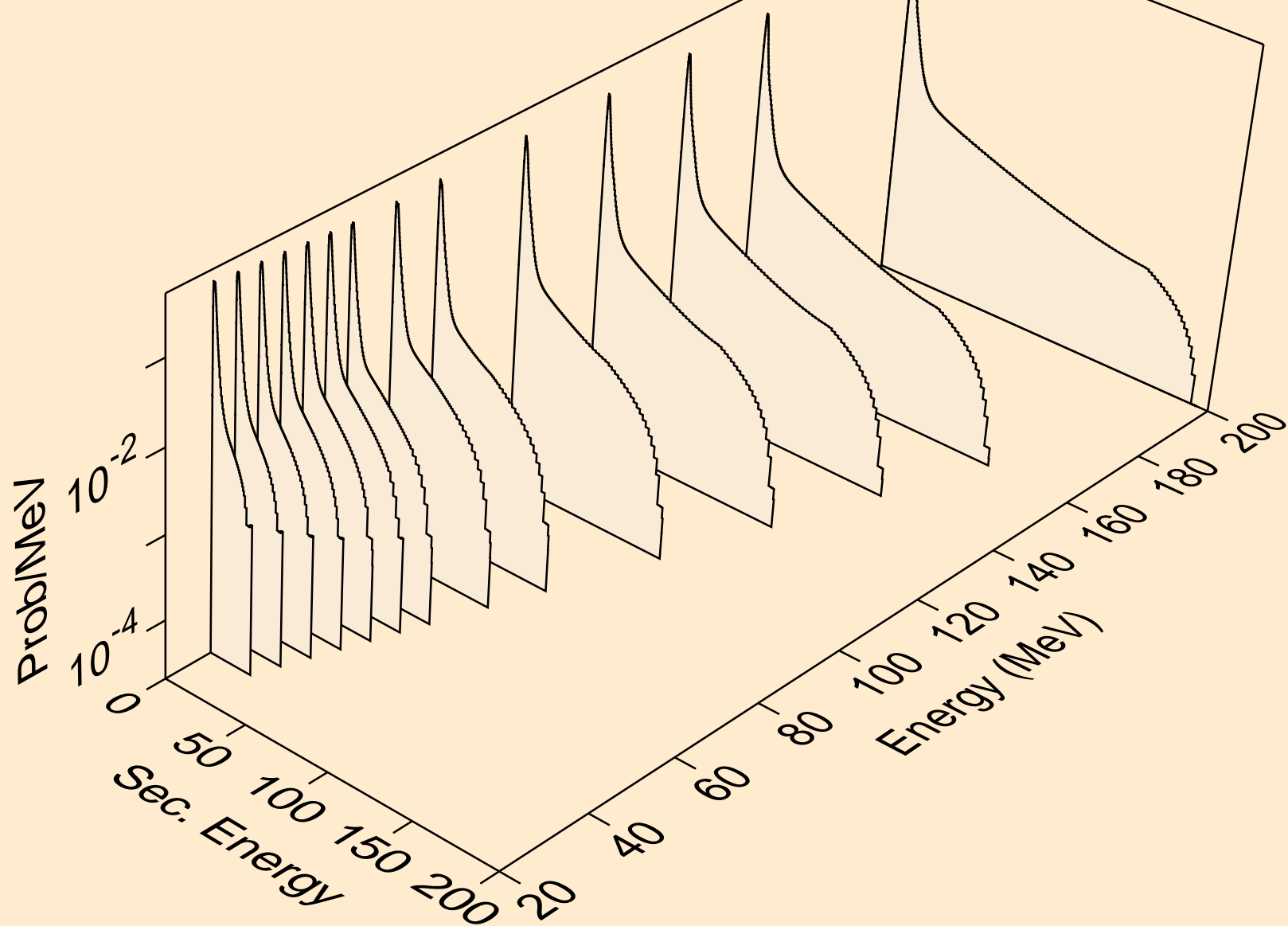
## Particle heating contributions



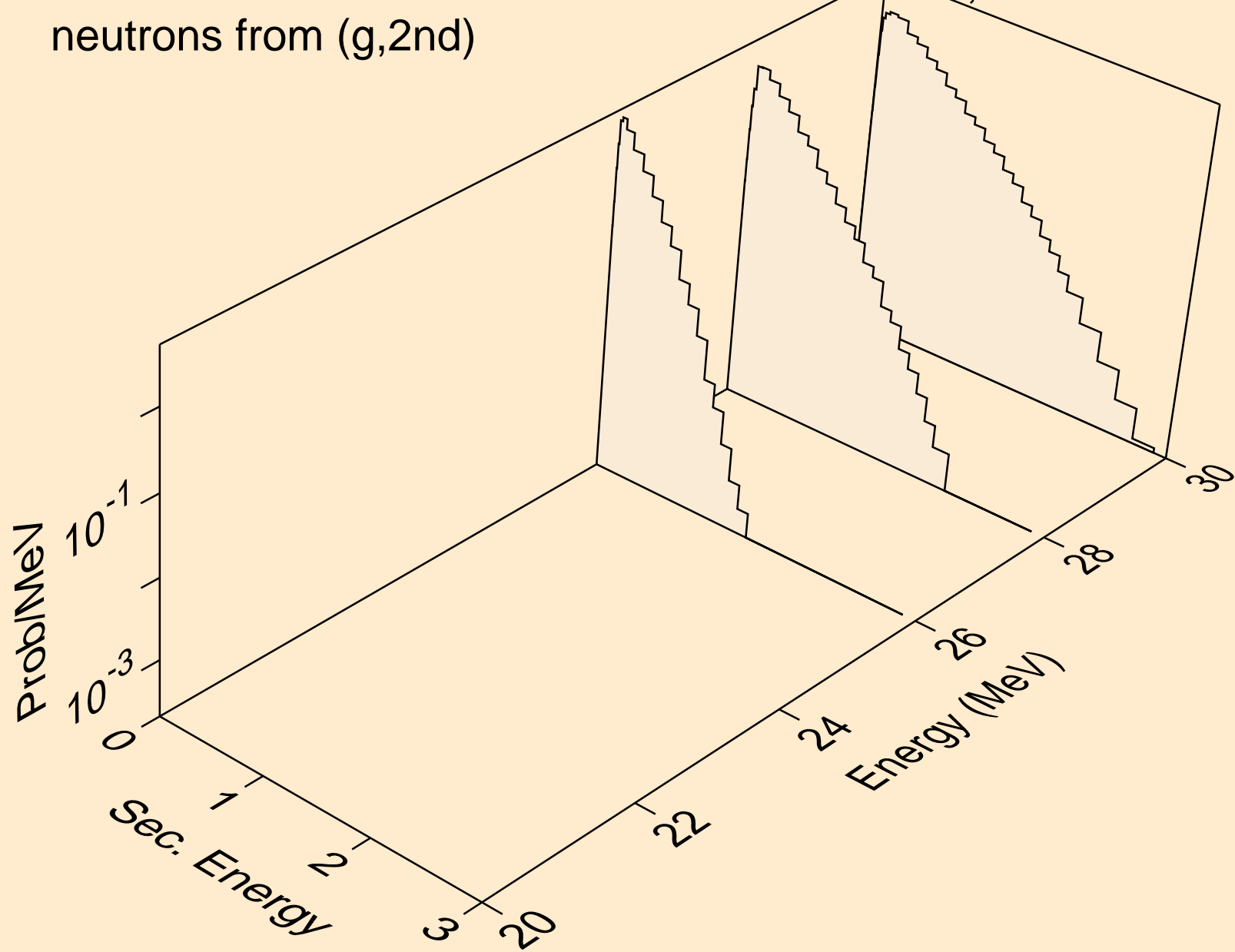
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



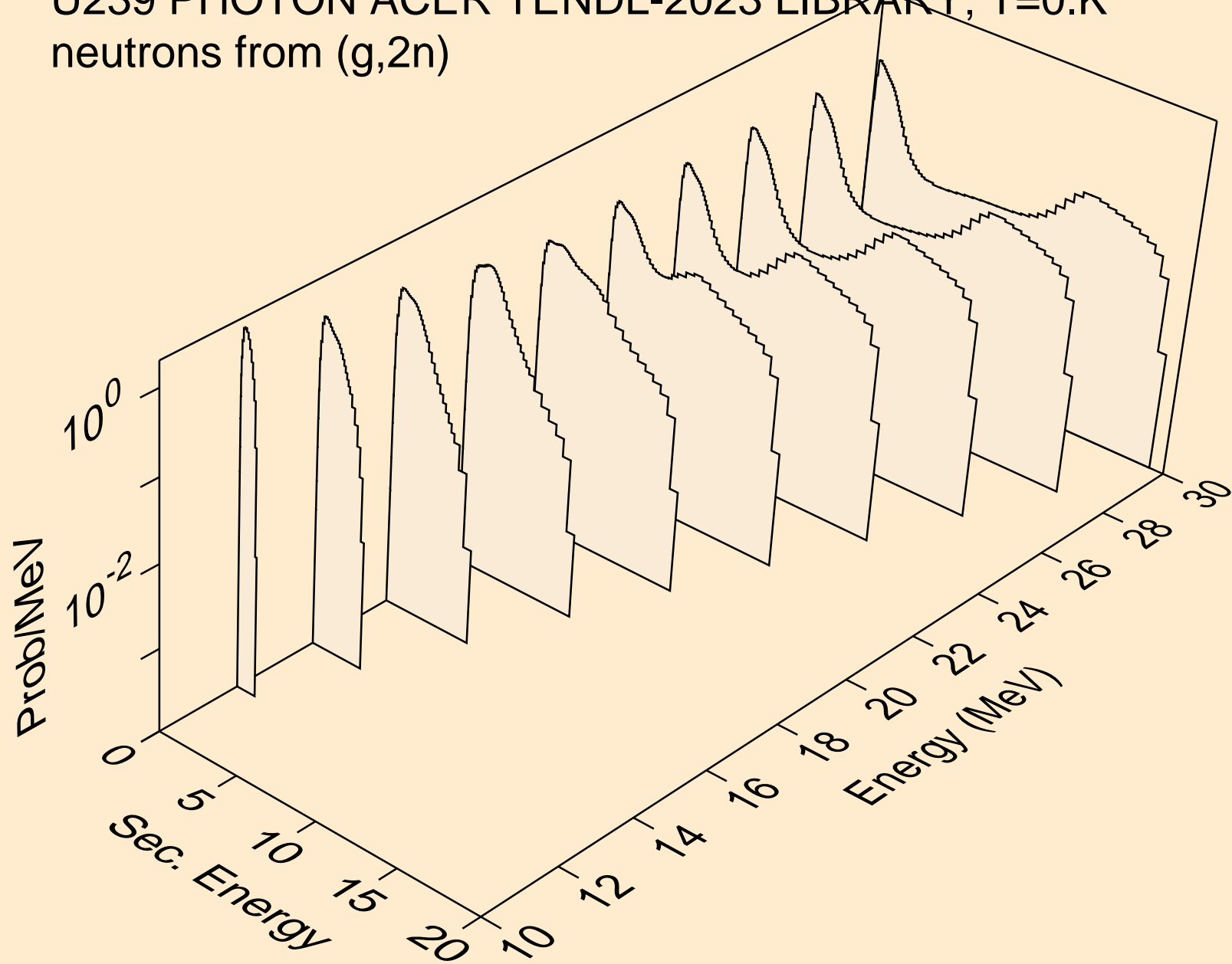
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,x)



U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,2nd)

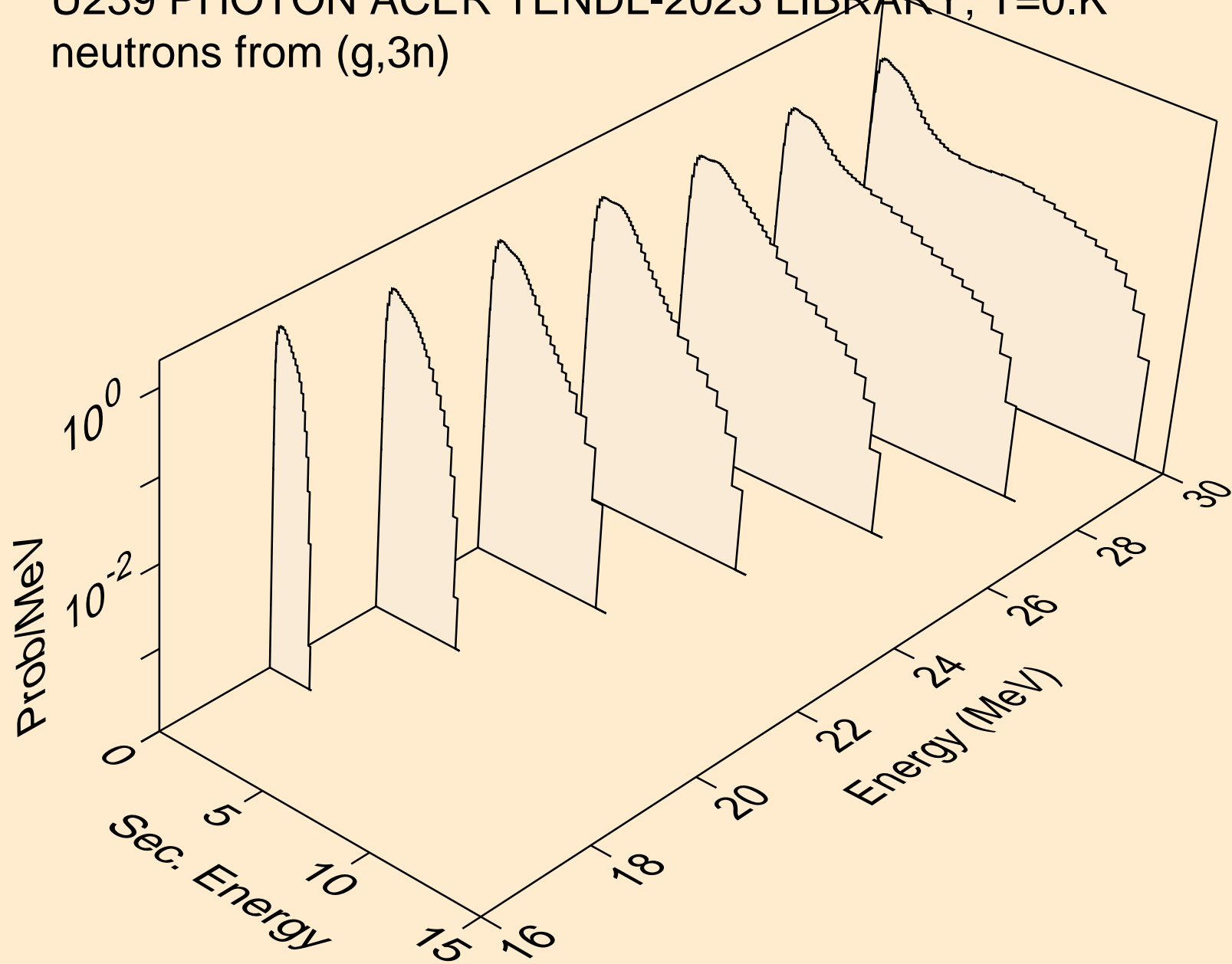


U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,2n)

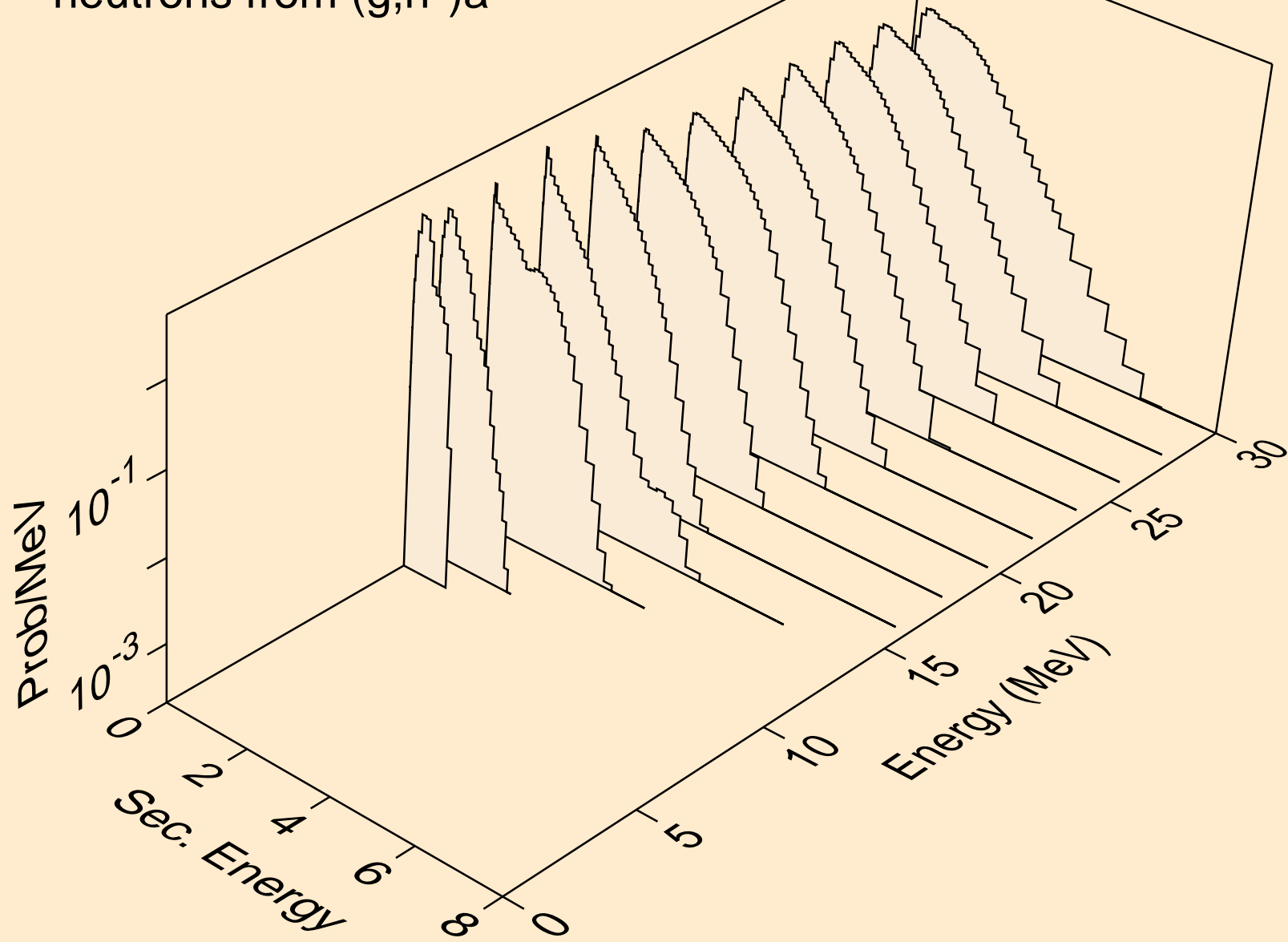




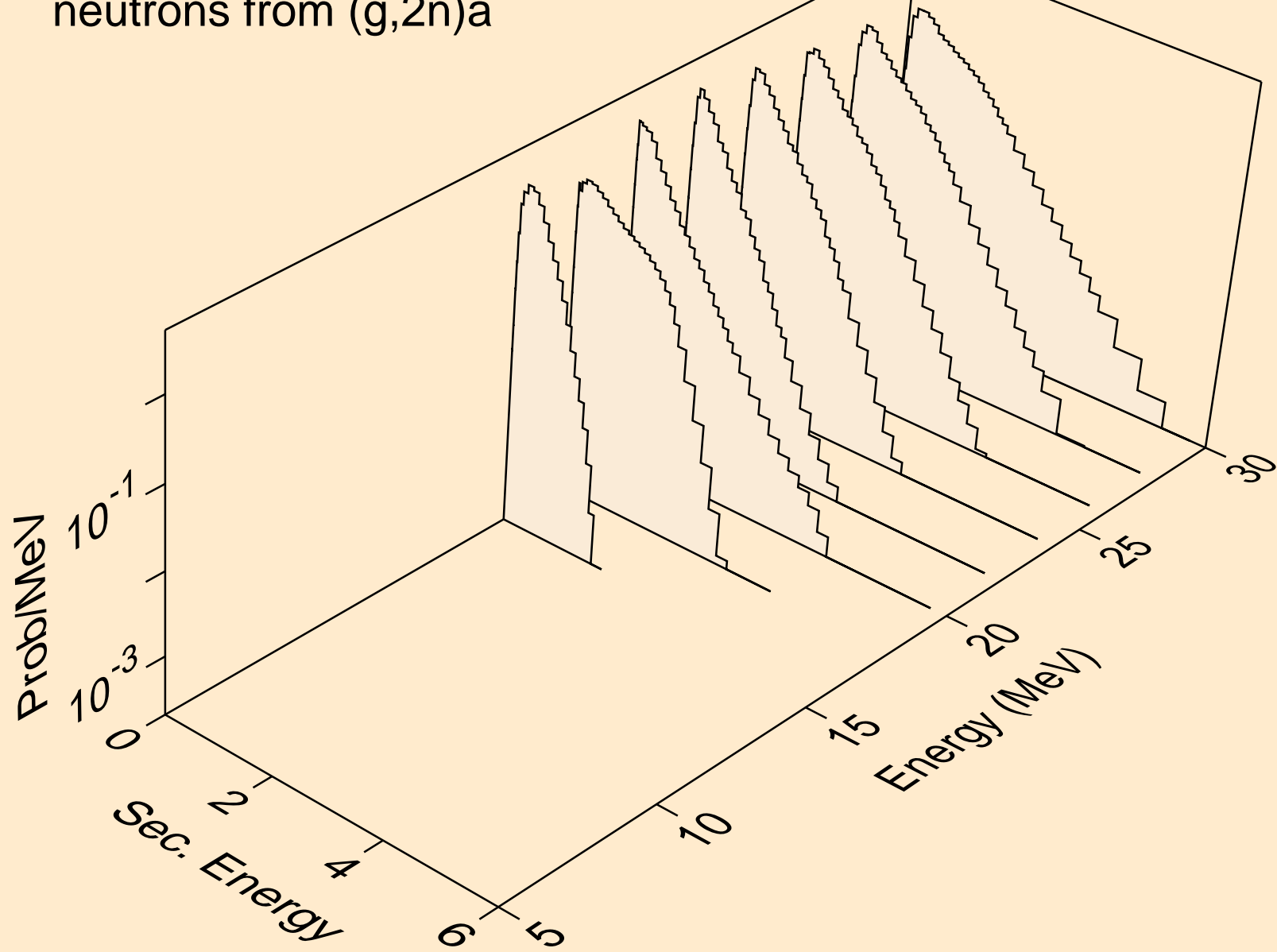
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,3n)



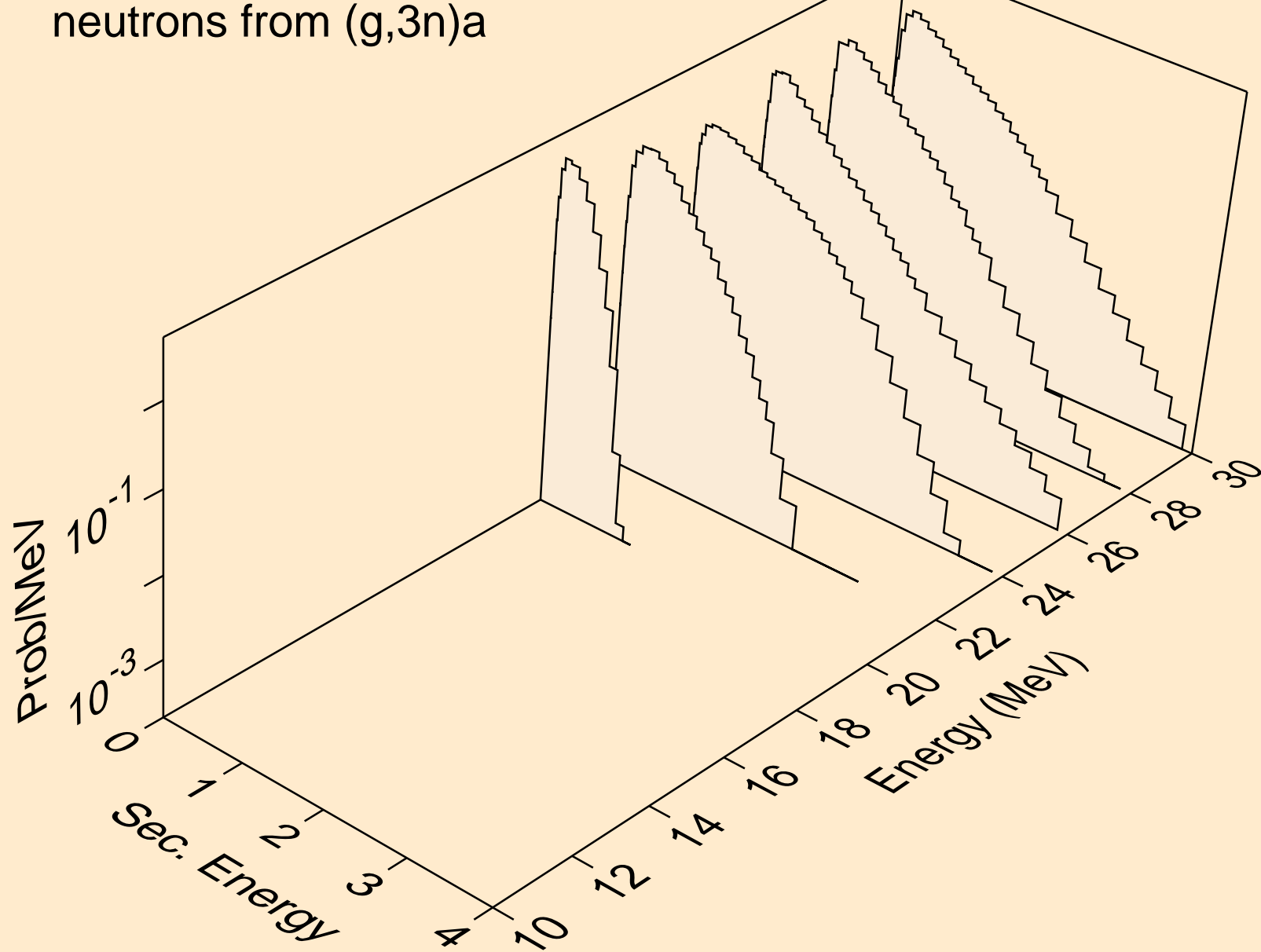
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,n\*)a



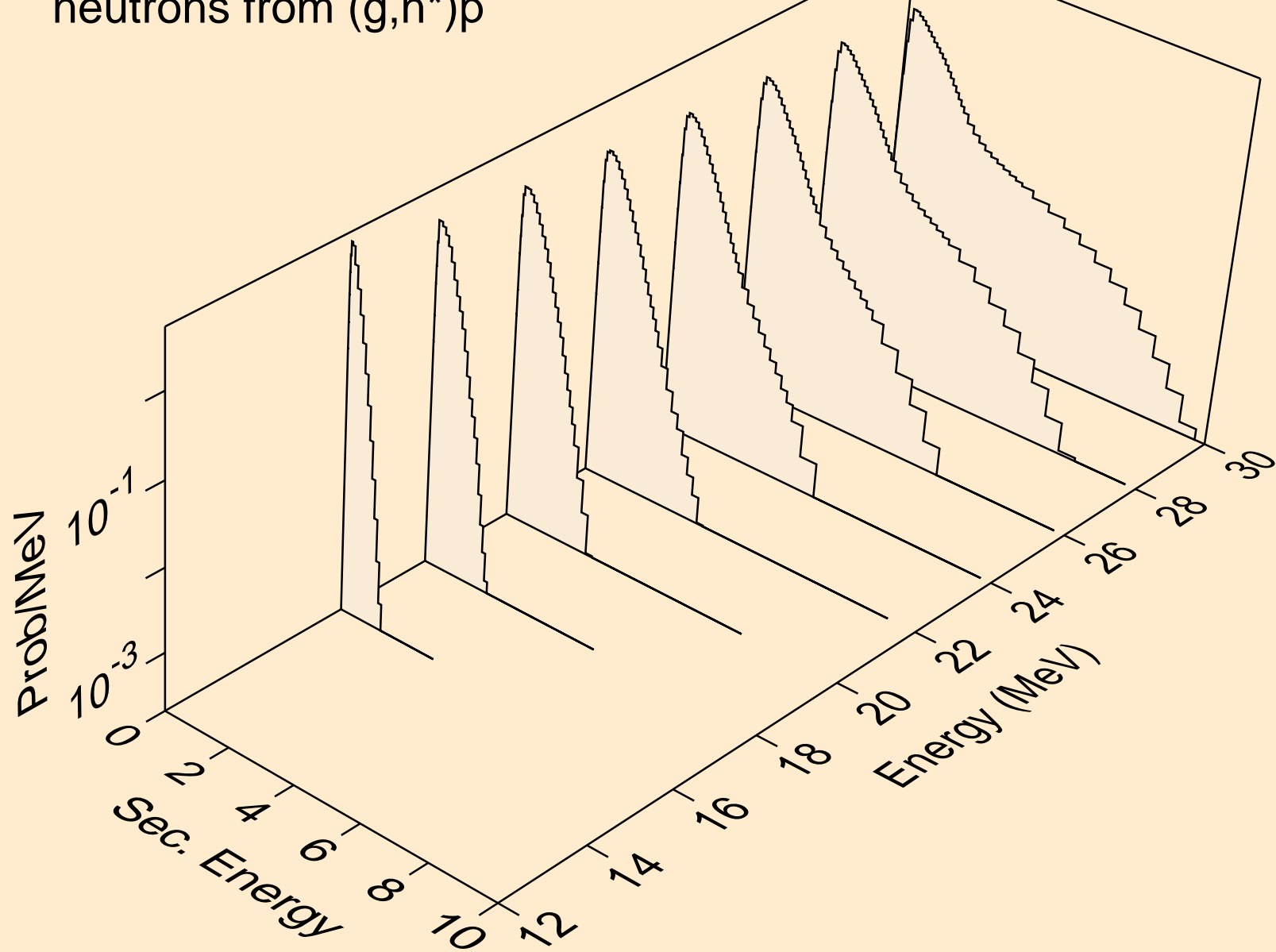
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,2n)a



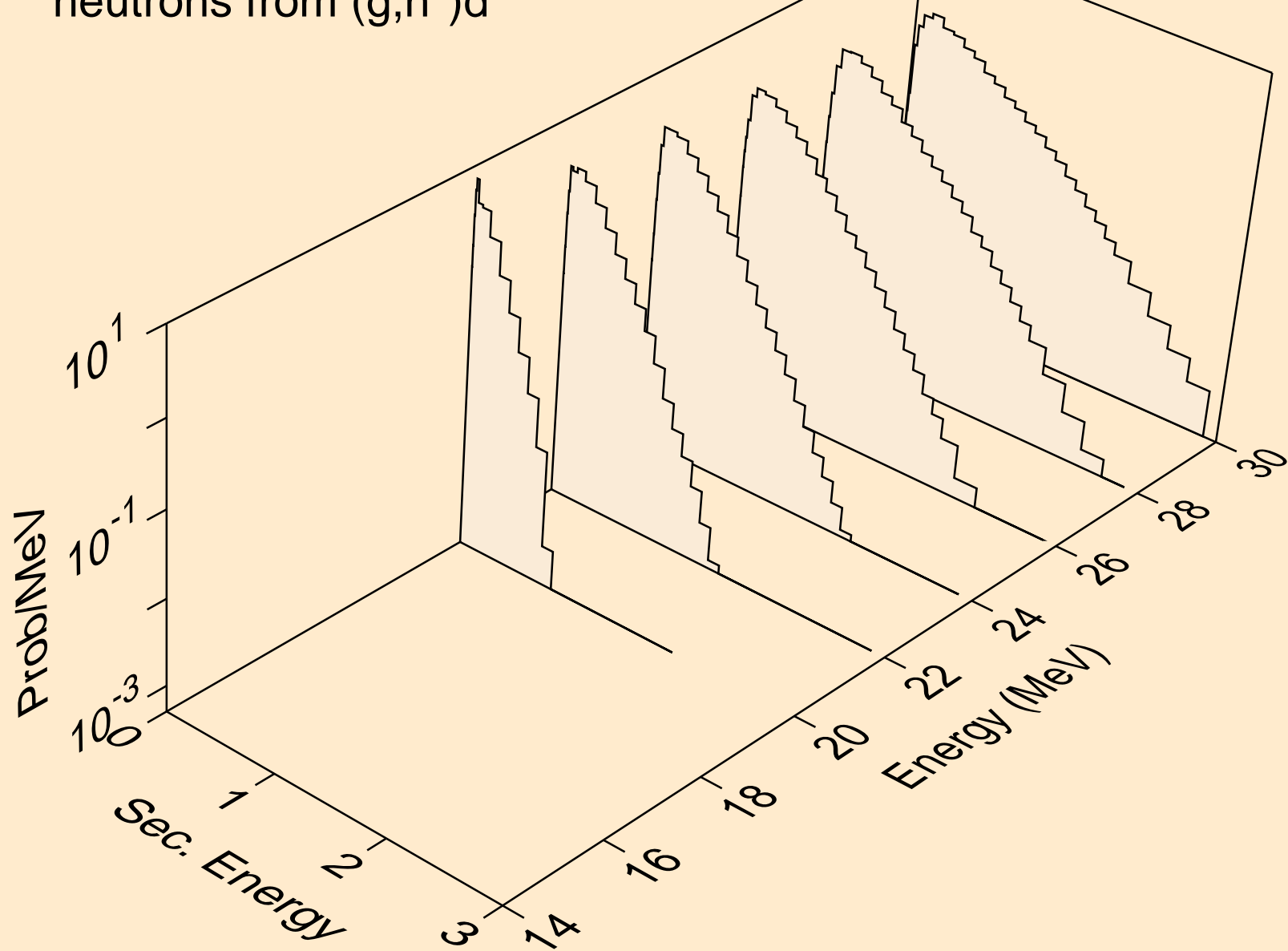
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,3n)a



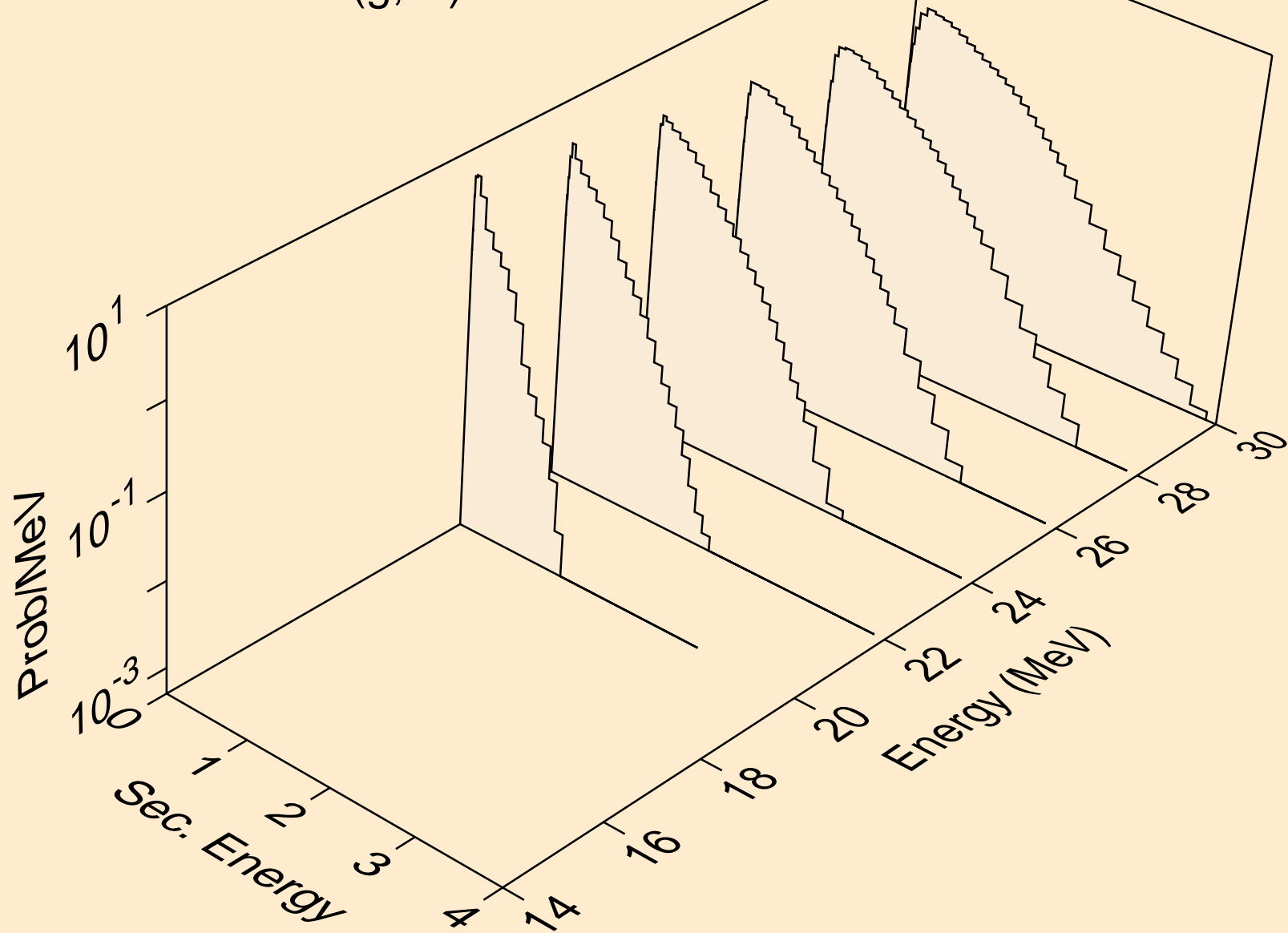
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,n\*)p



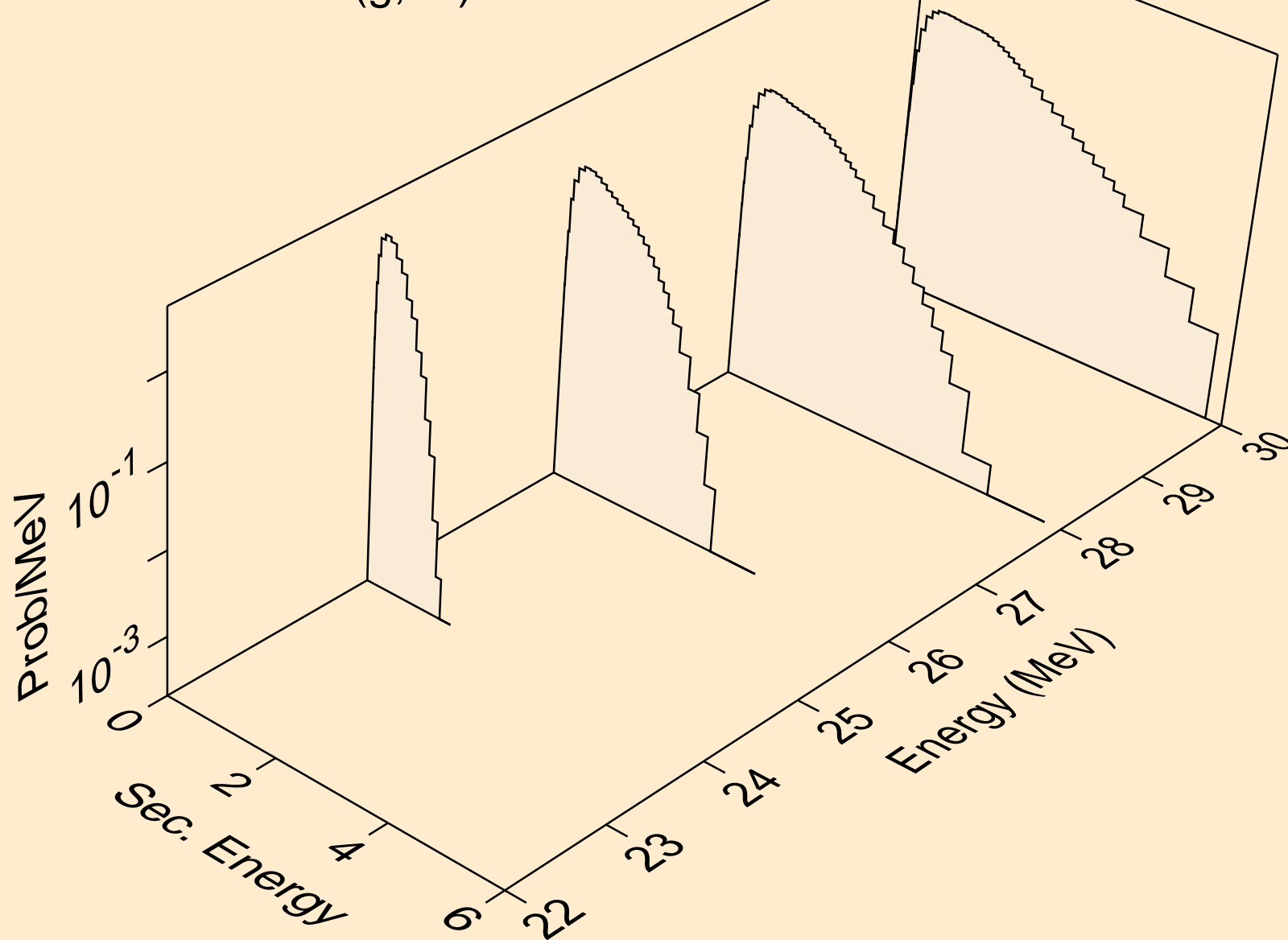
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,n\*)d



U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,n\*)t

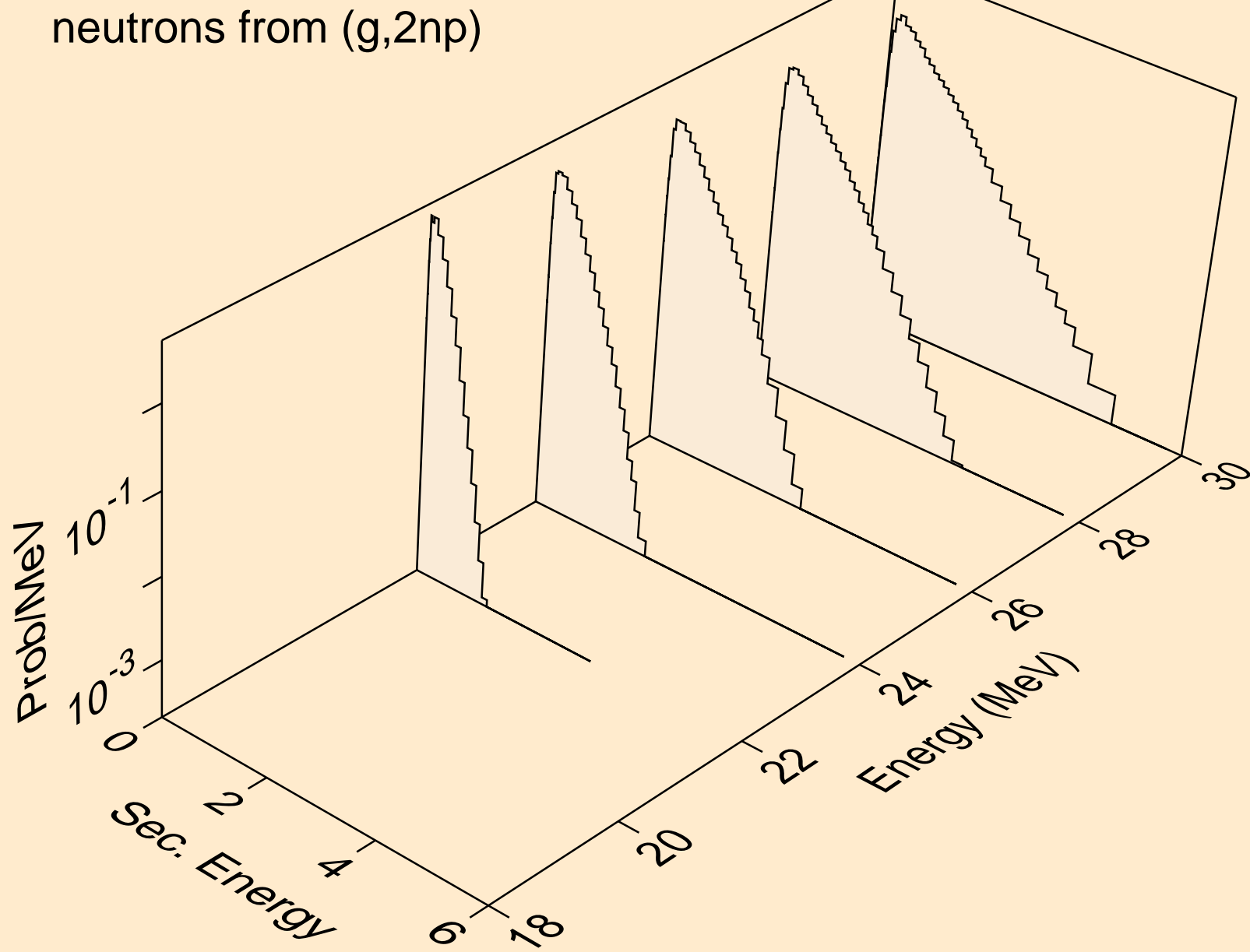


U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,4n)

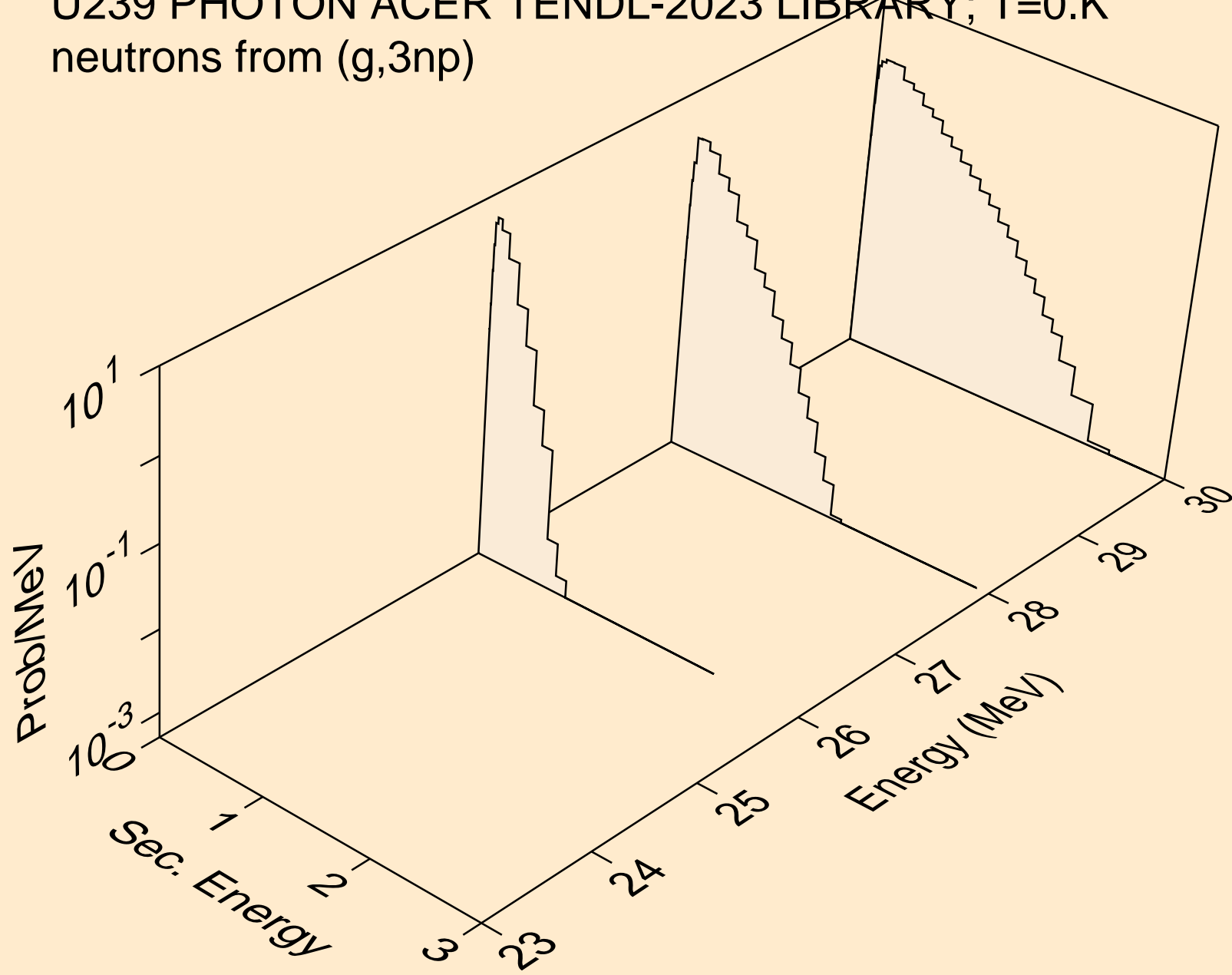




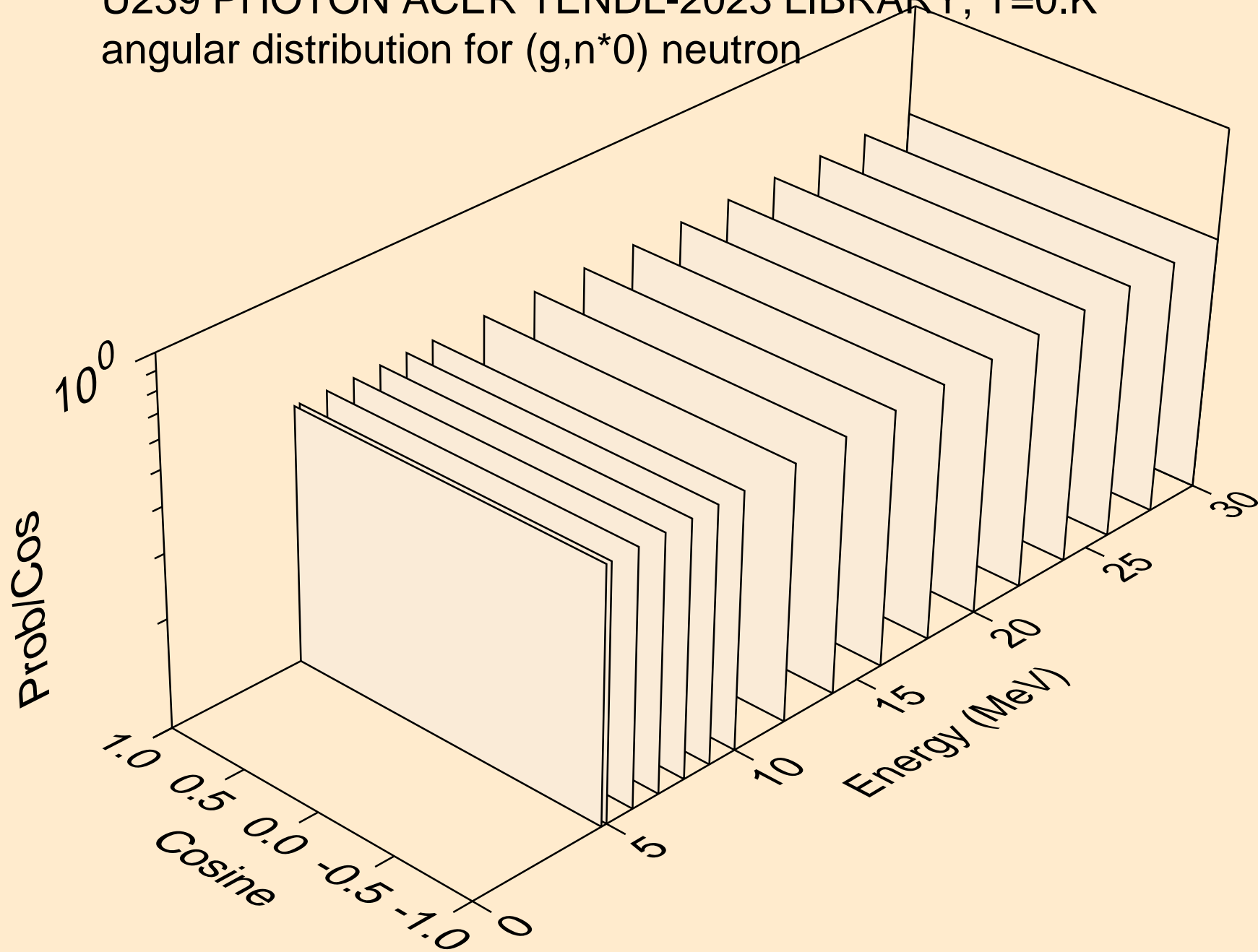
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,2np)



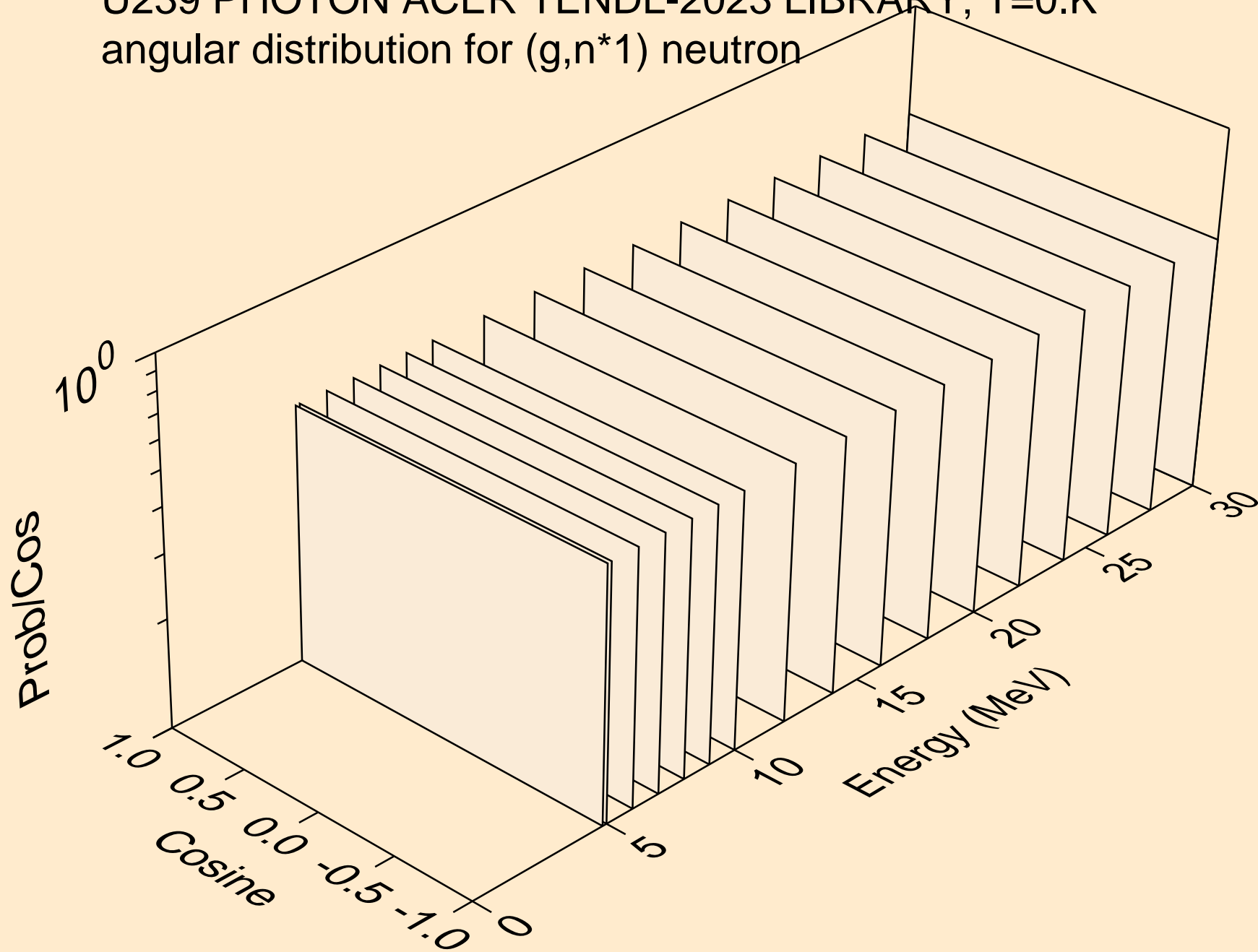
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,3np)



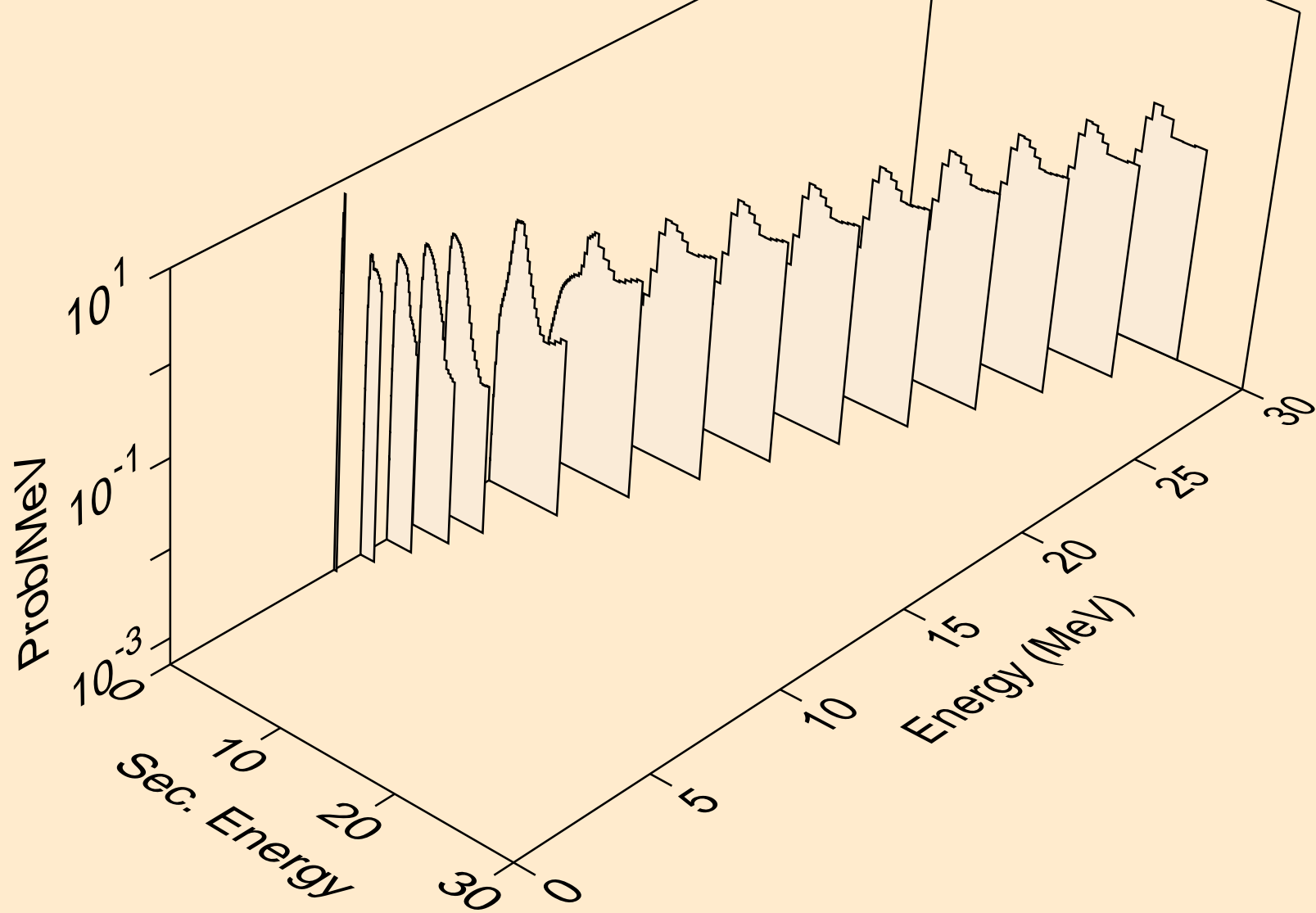
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (g,n\*0) neutron



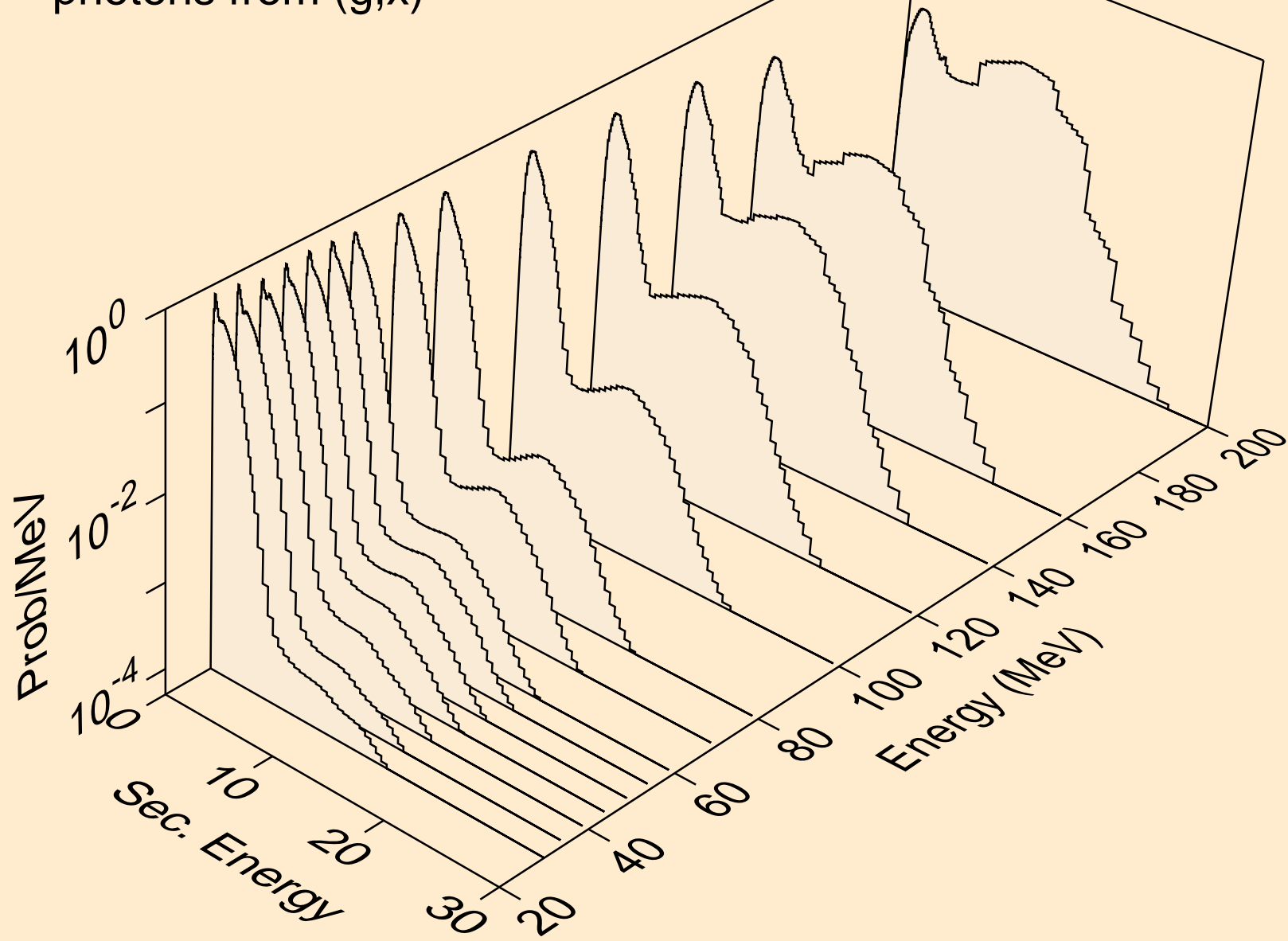
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (g,n\*1) neutron



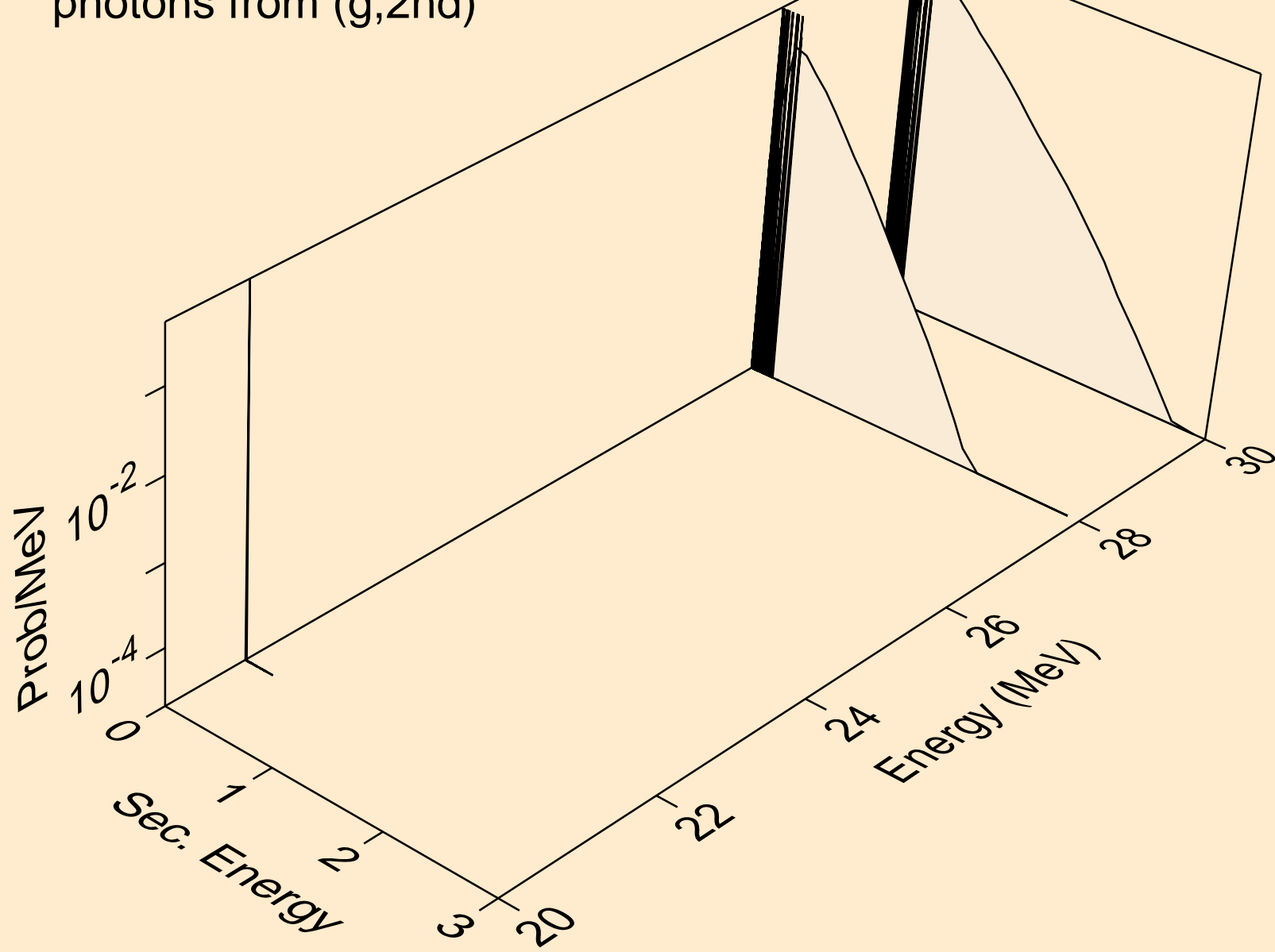
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,n\*c)



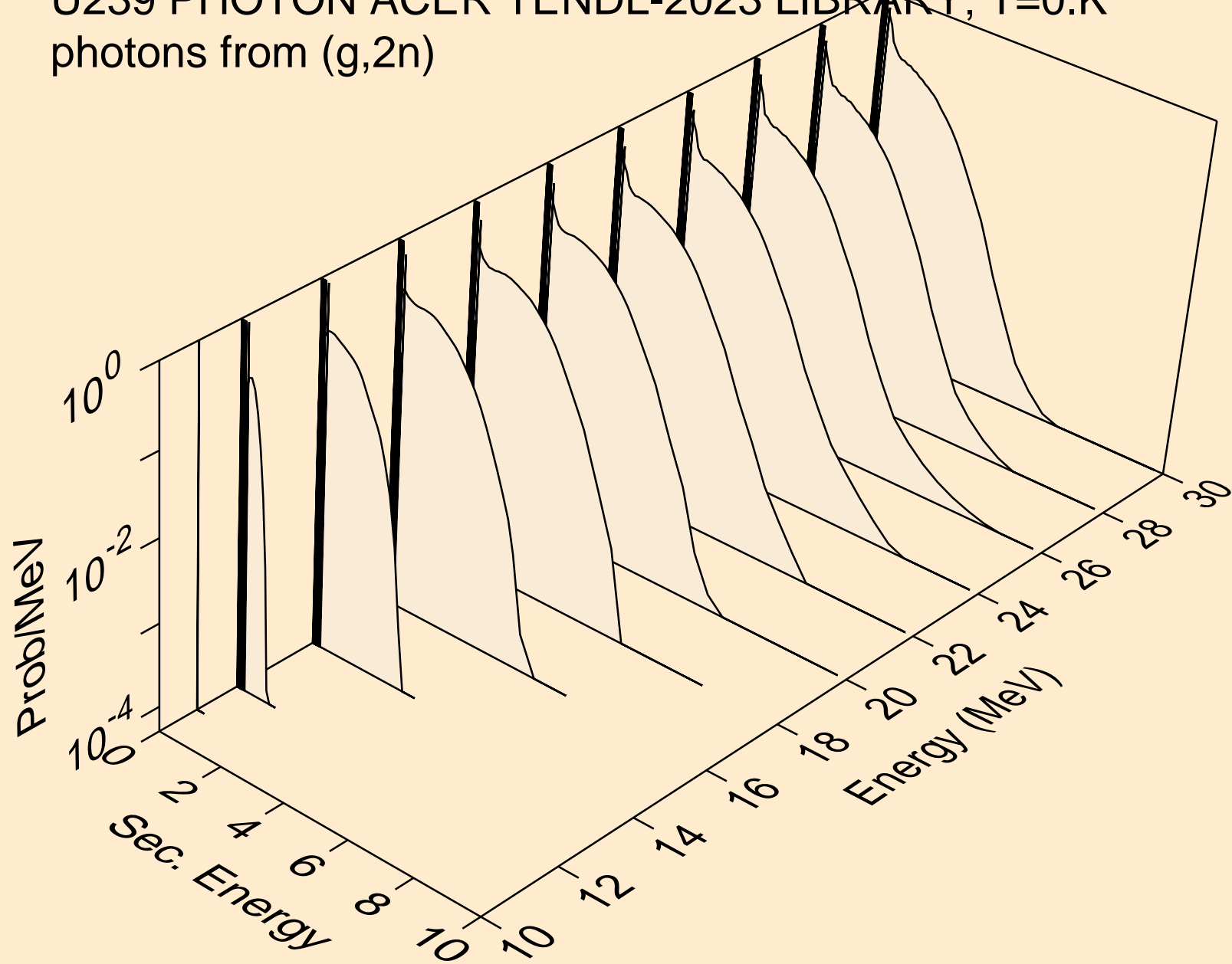
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,x)



U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,2nd)

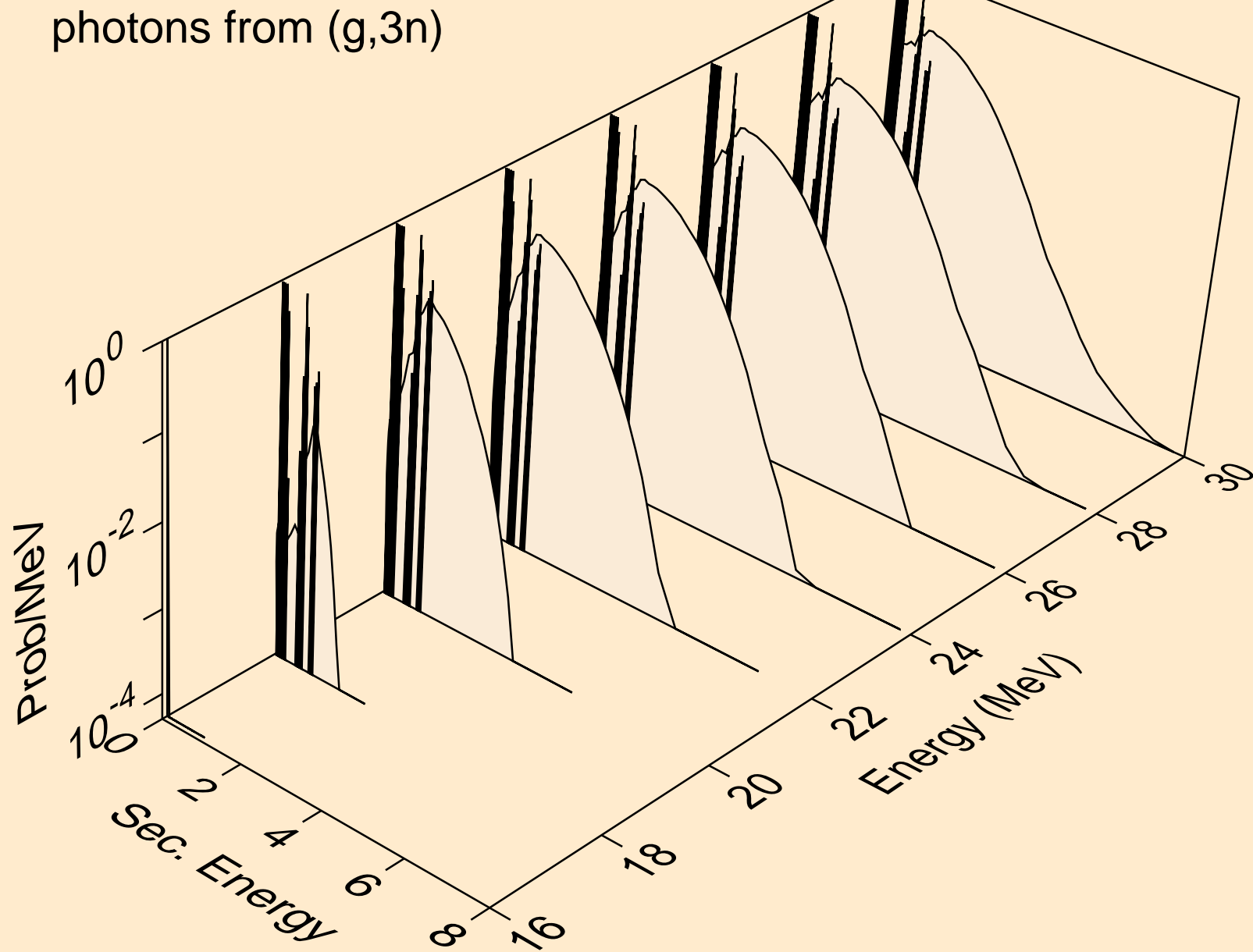


U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,2n)

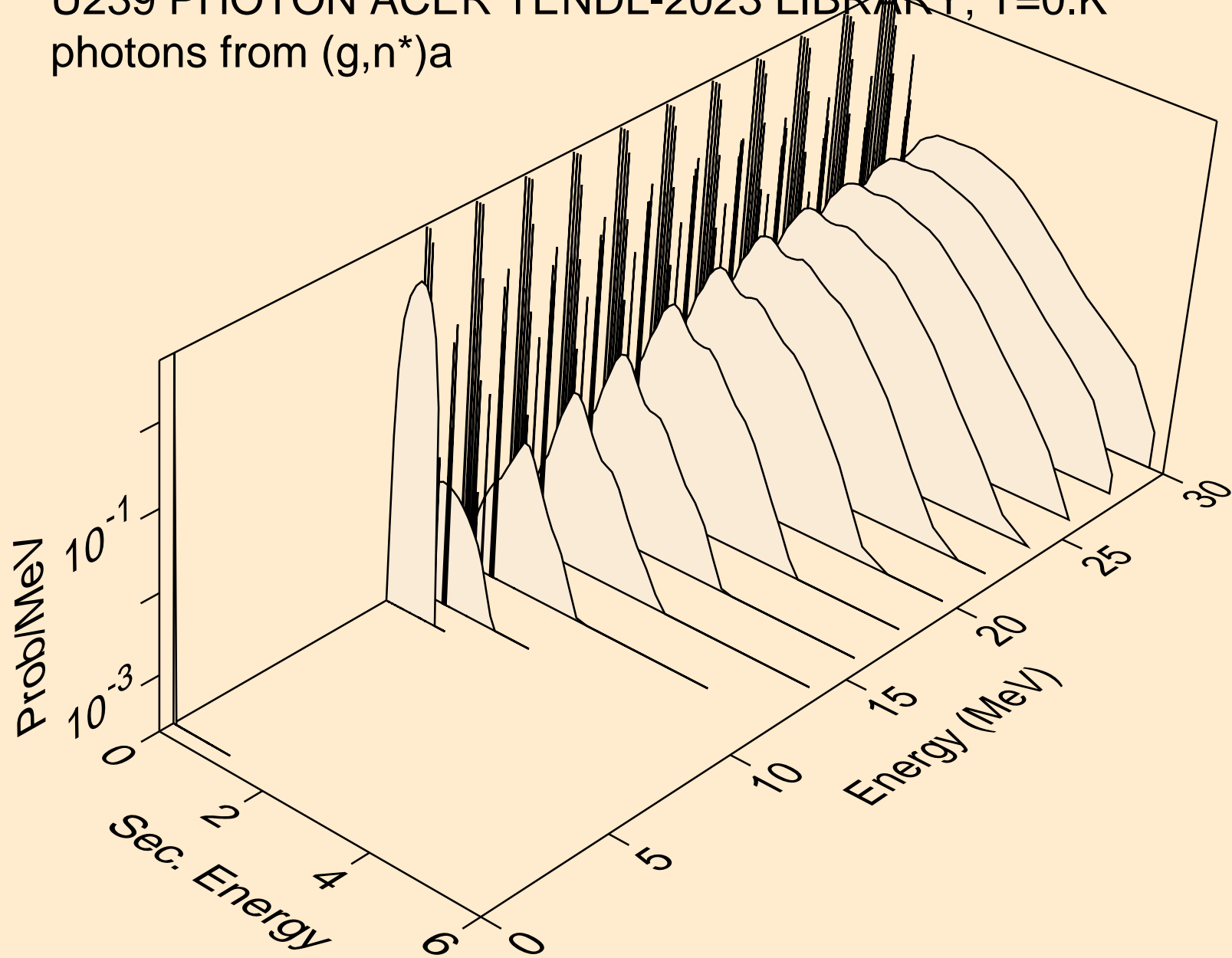




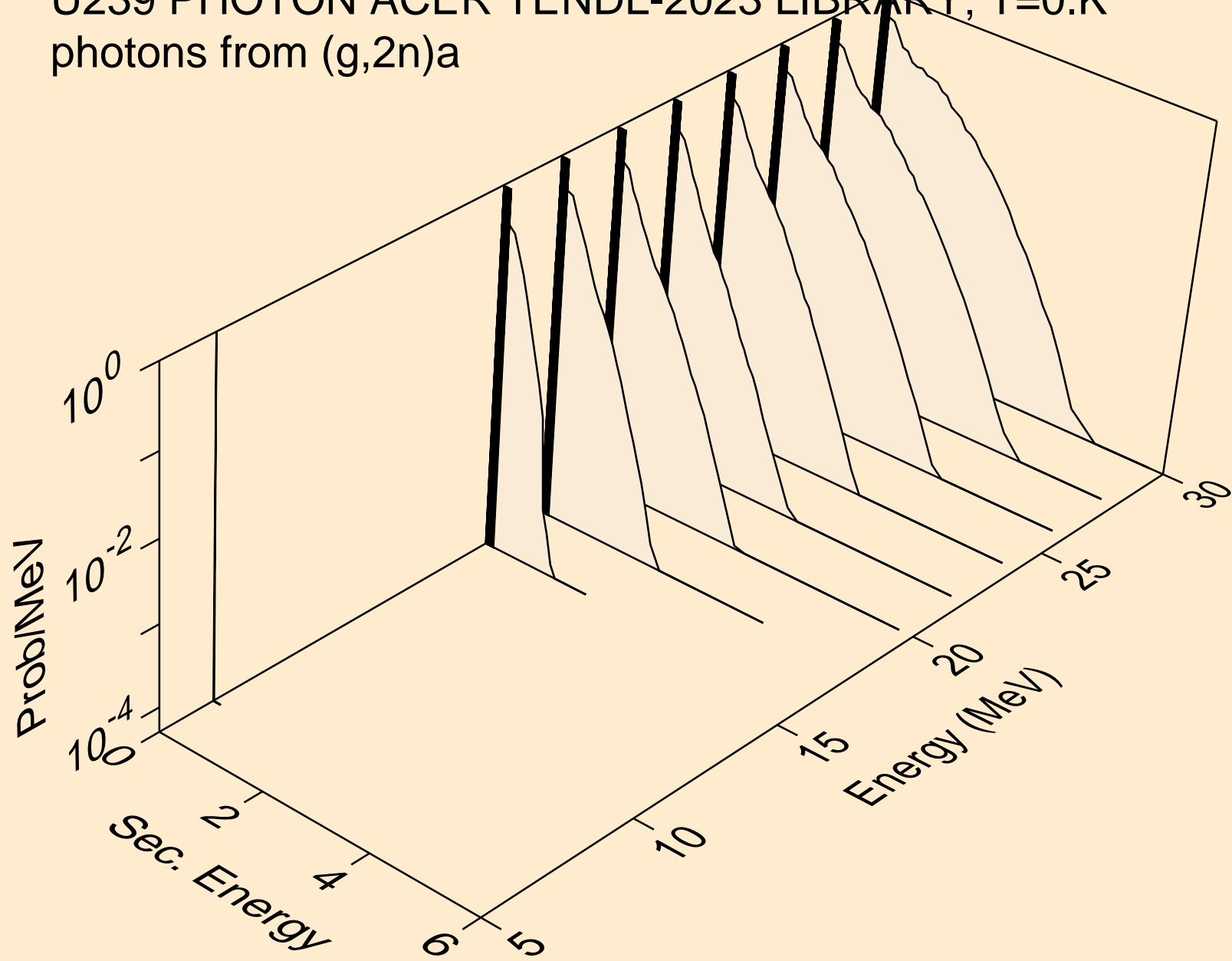
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,3n)



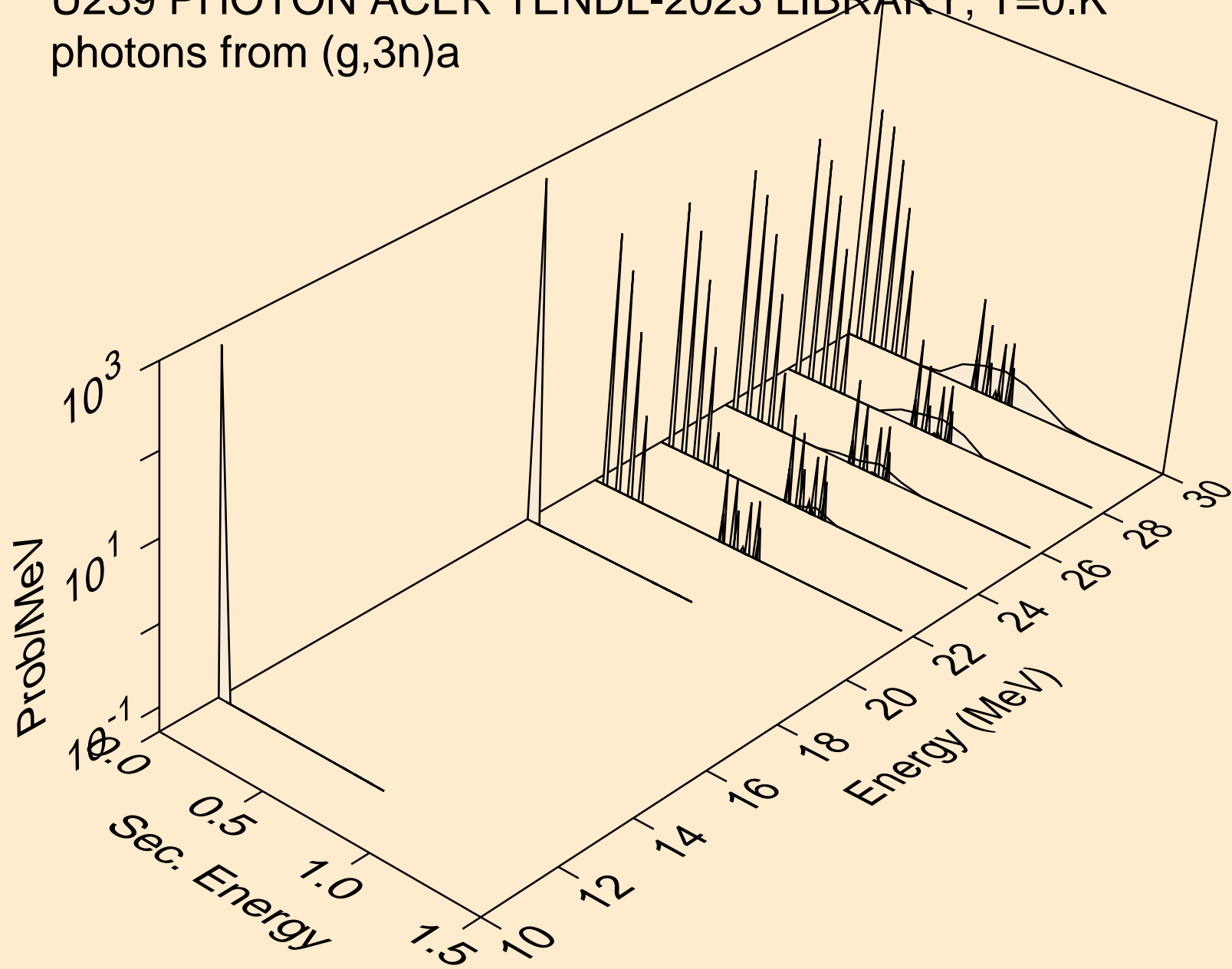
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,n\*)a



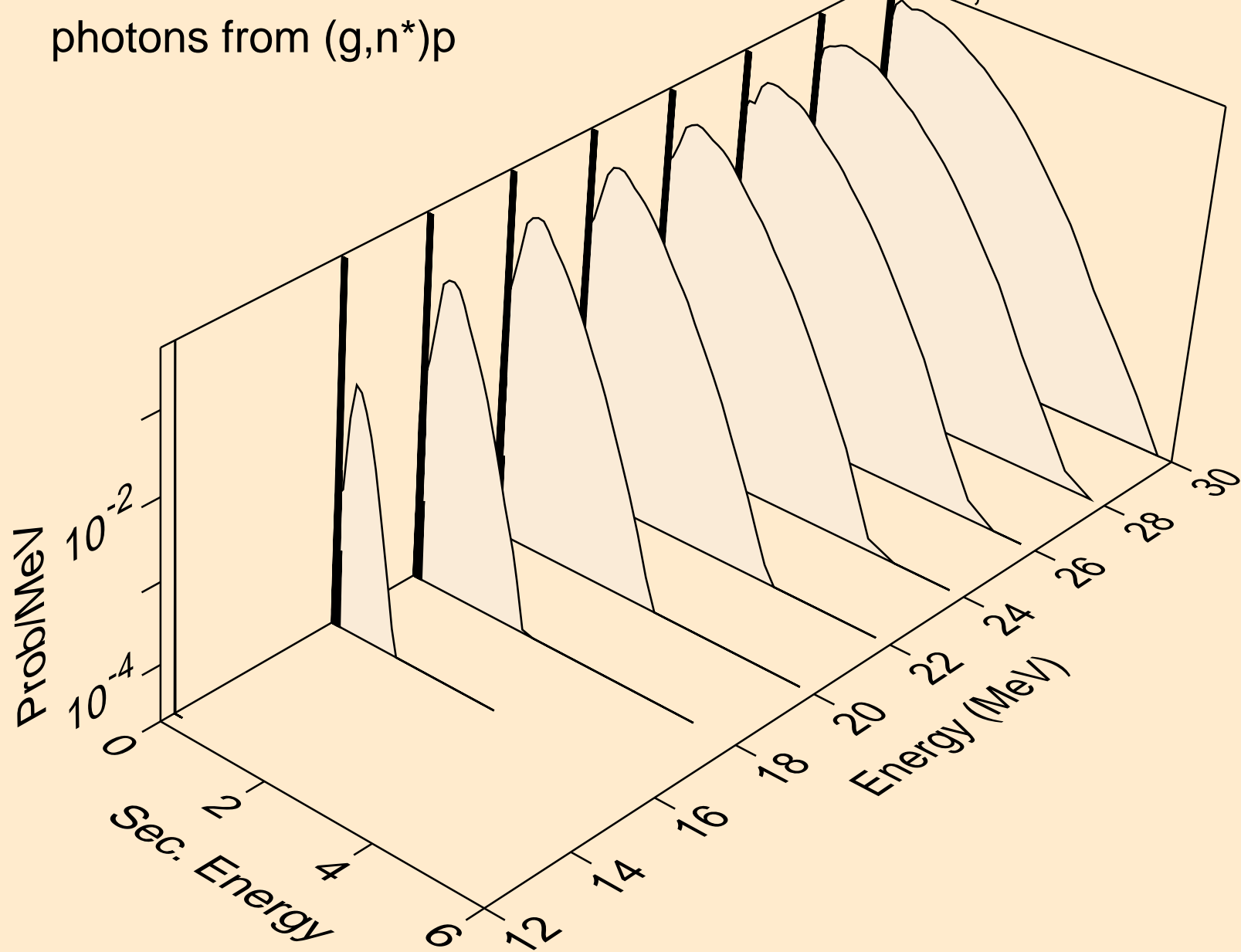
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,2n)a



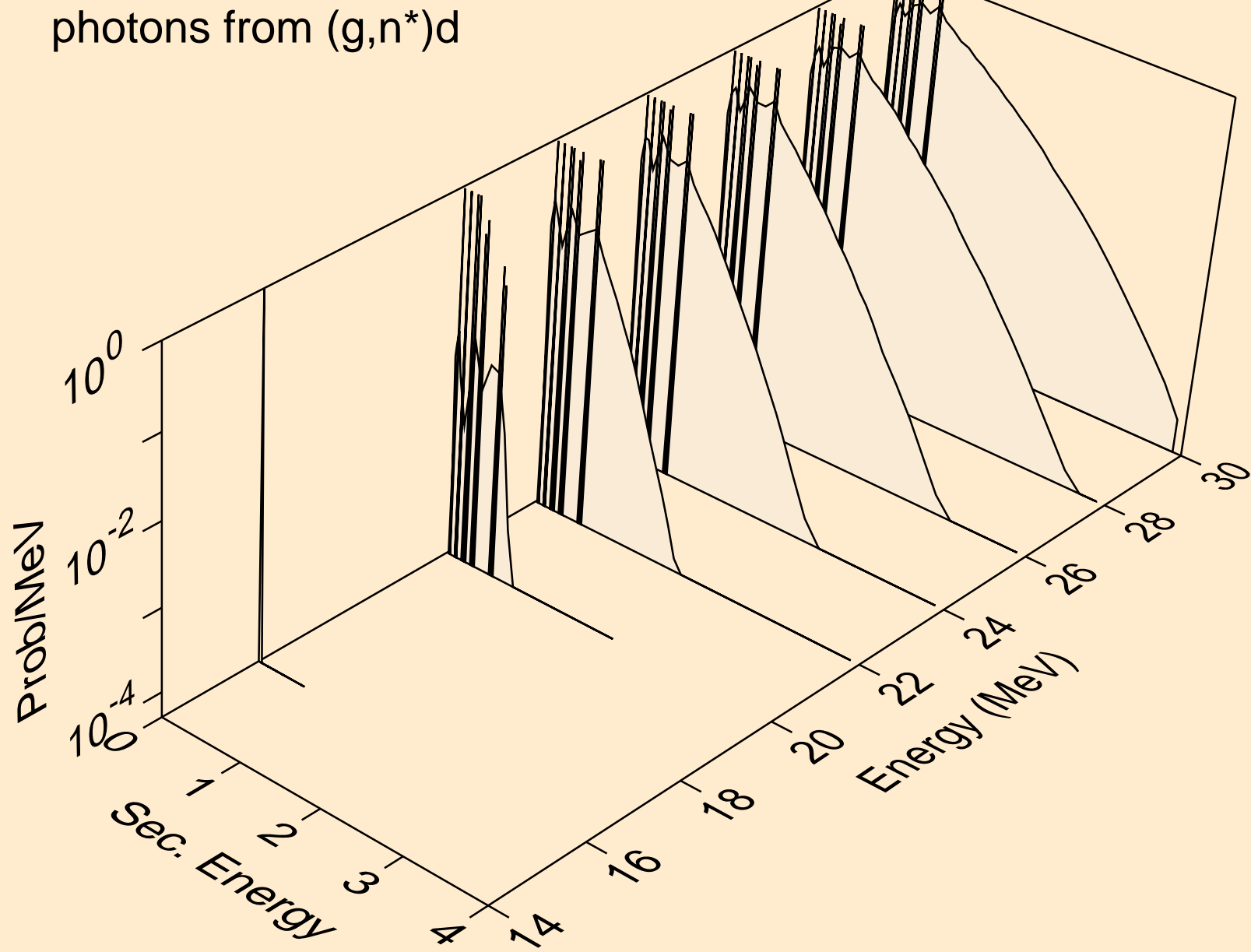
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,3n)a



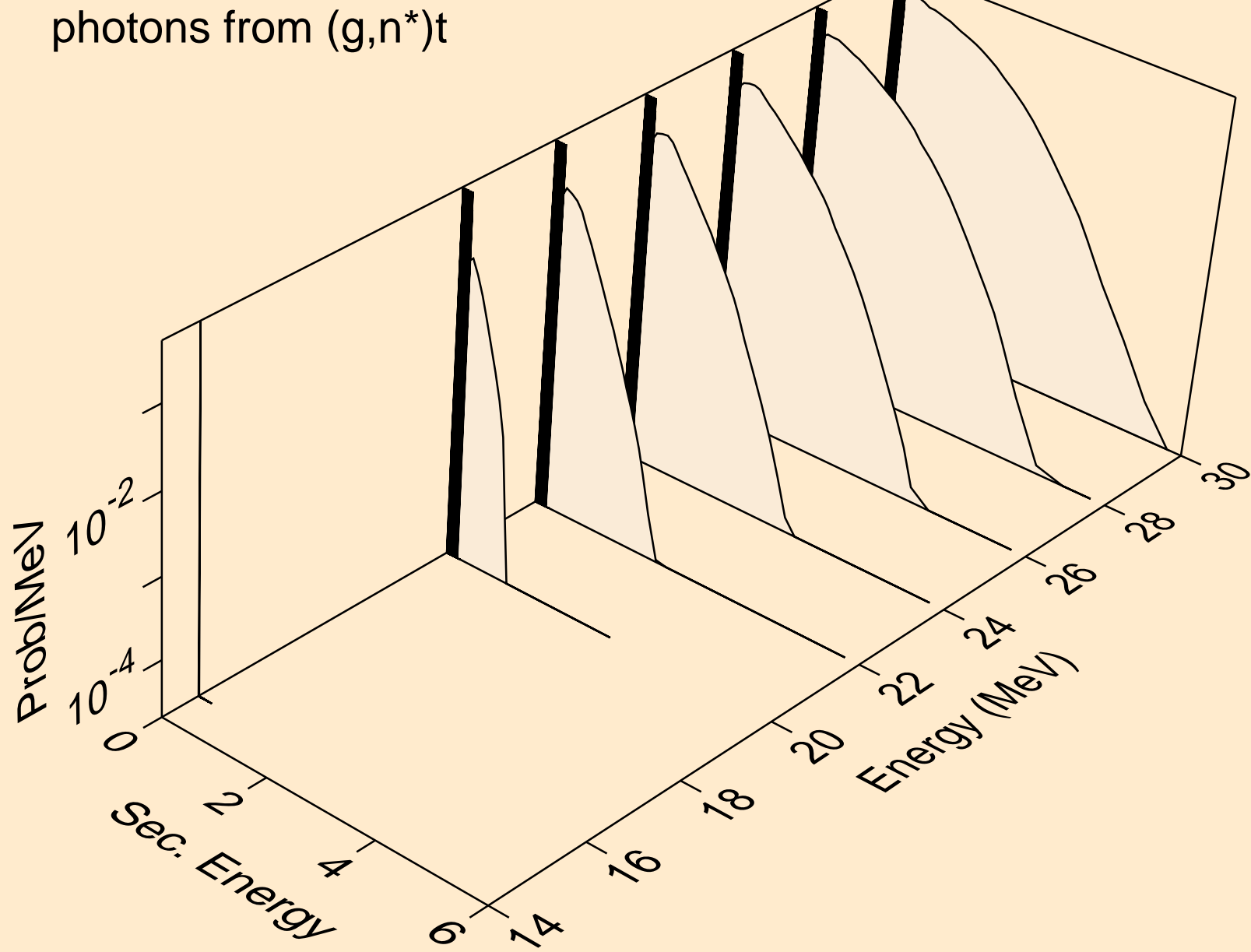
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,n\*)p



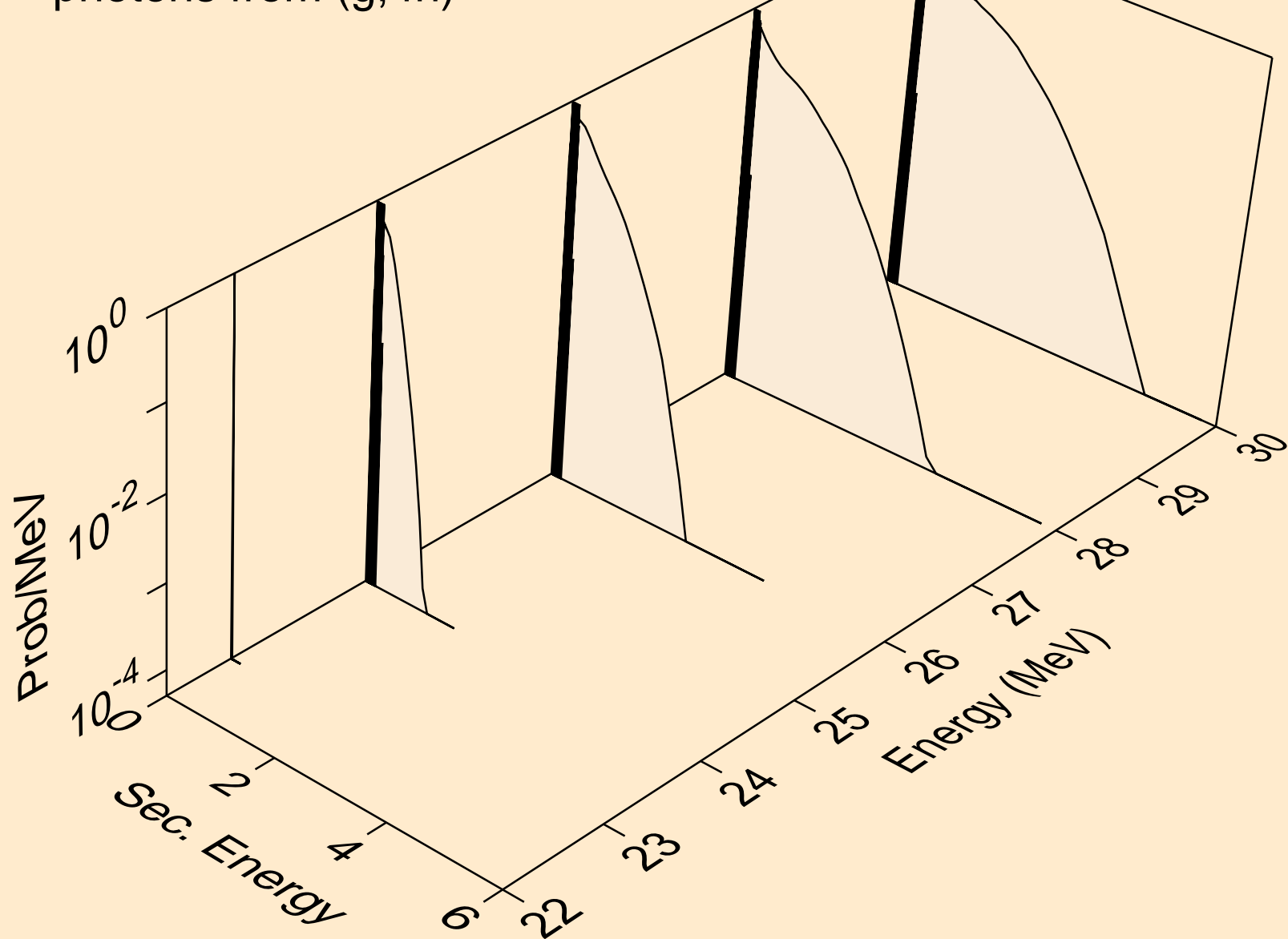
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,n\*)d



U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,n\*)t

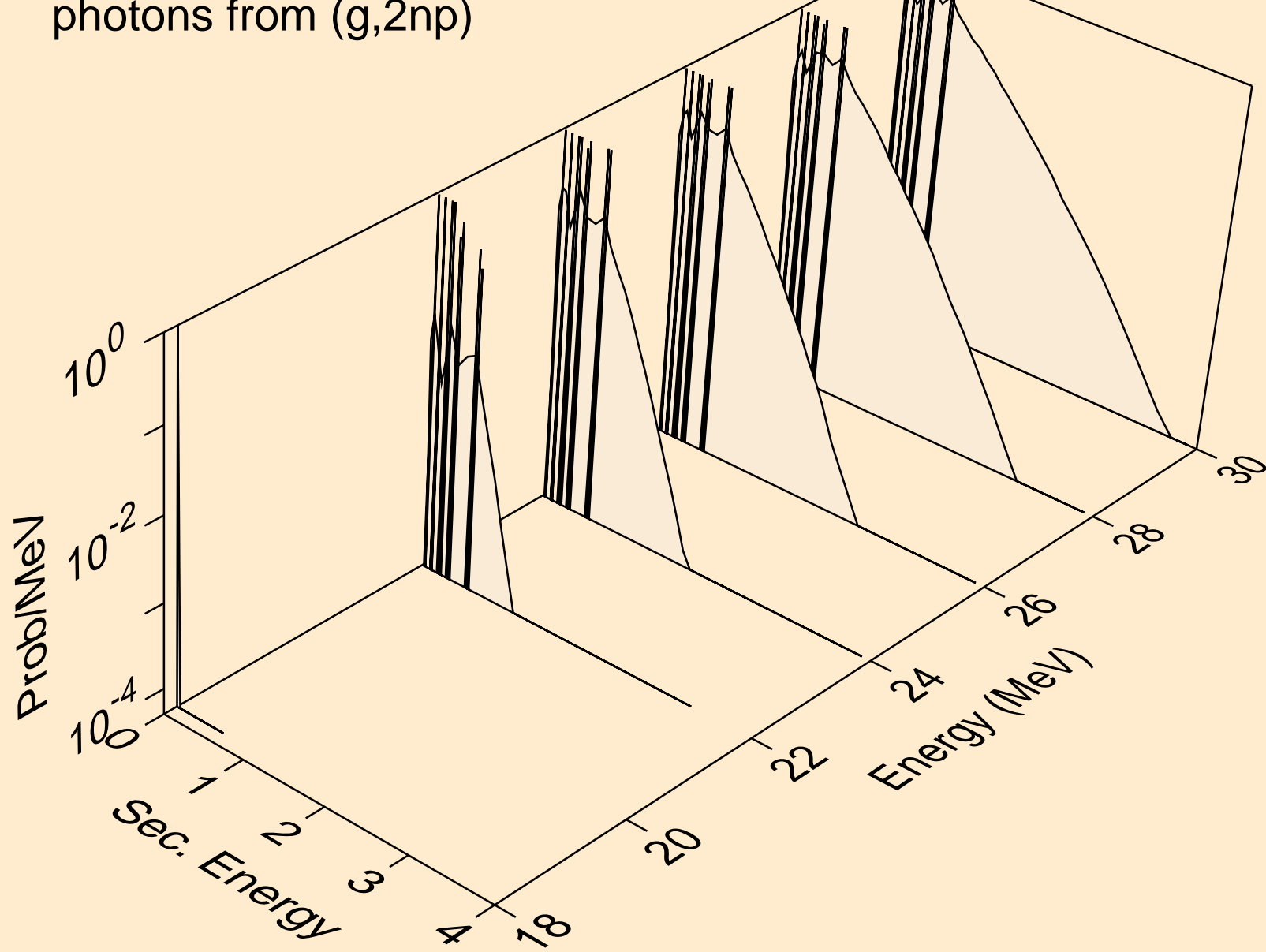


U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,4n)

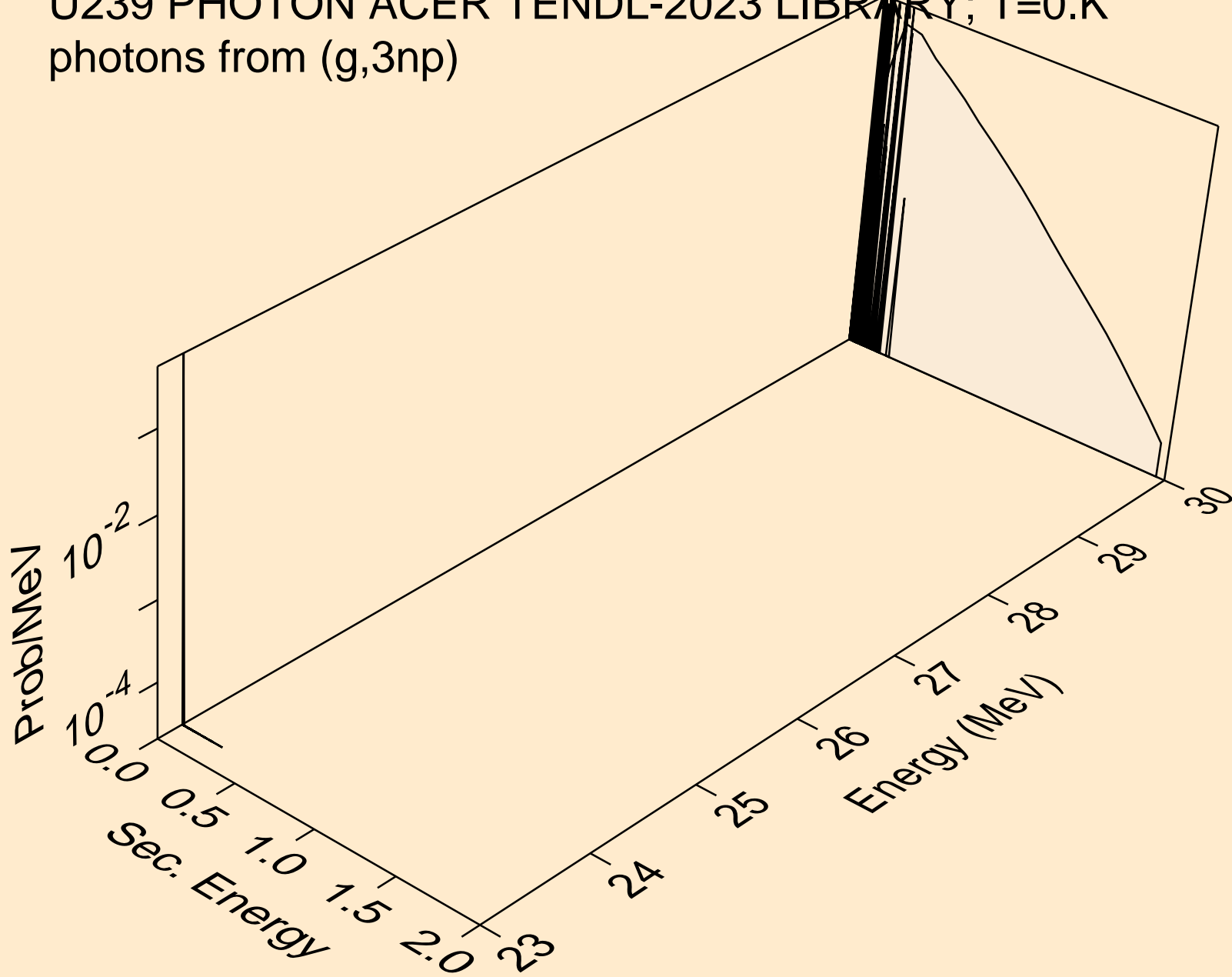




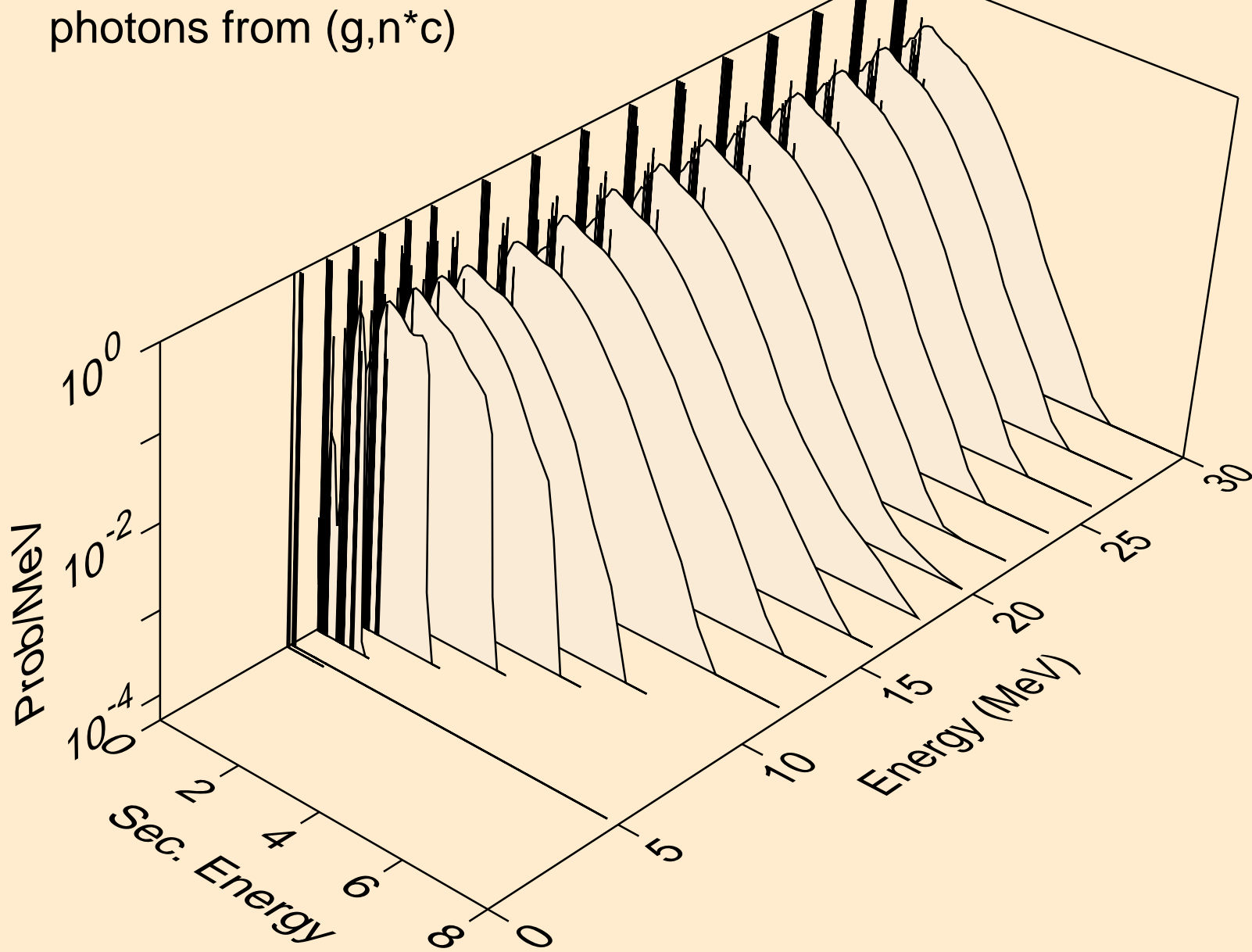
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,2np)



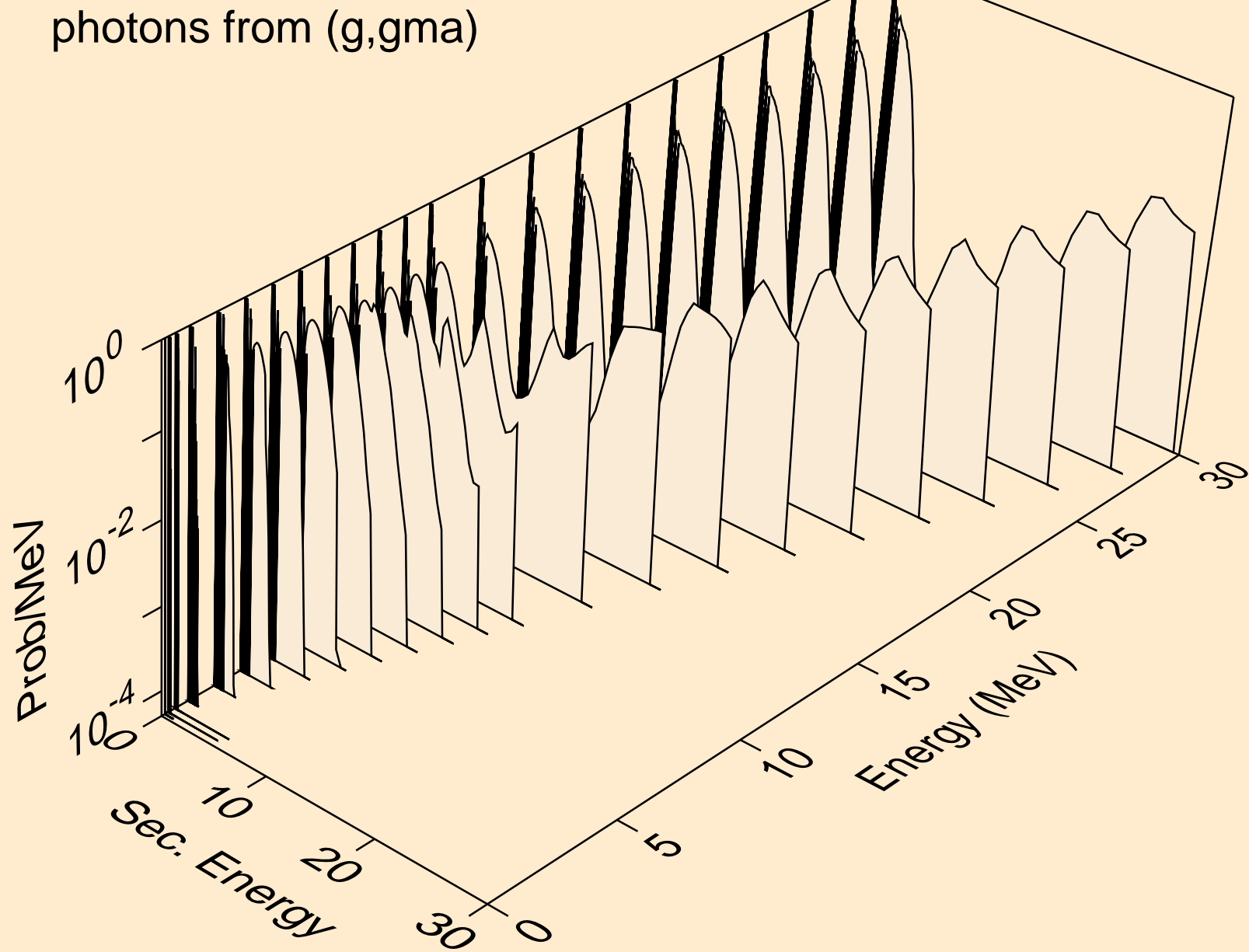
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,3np)



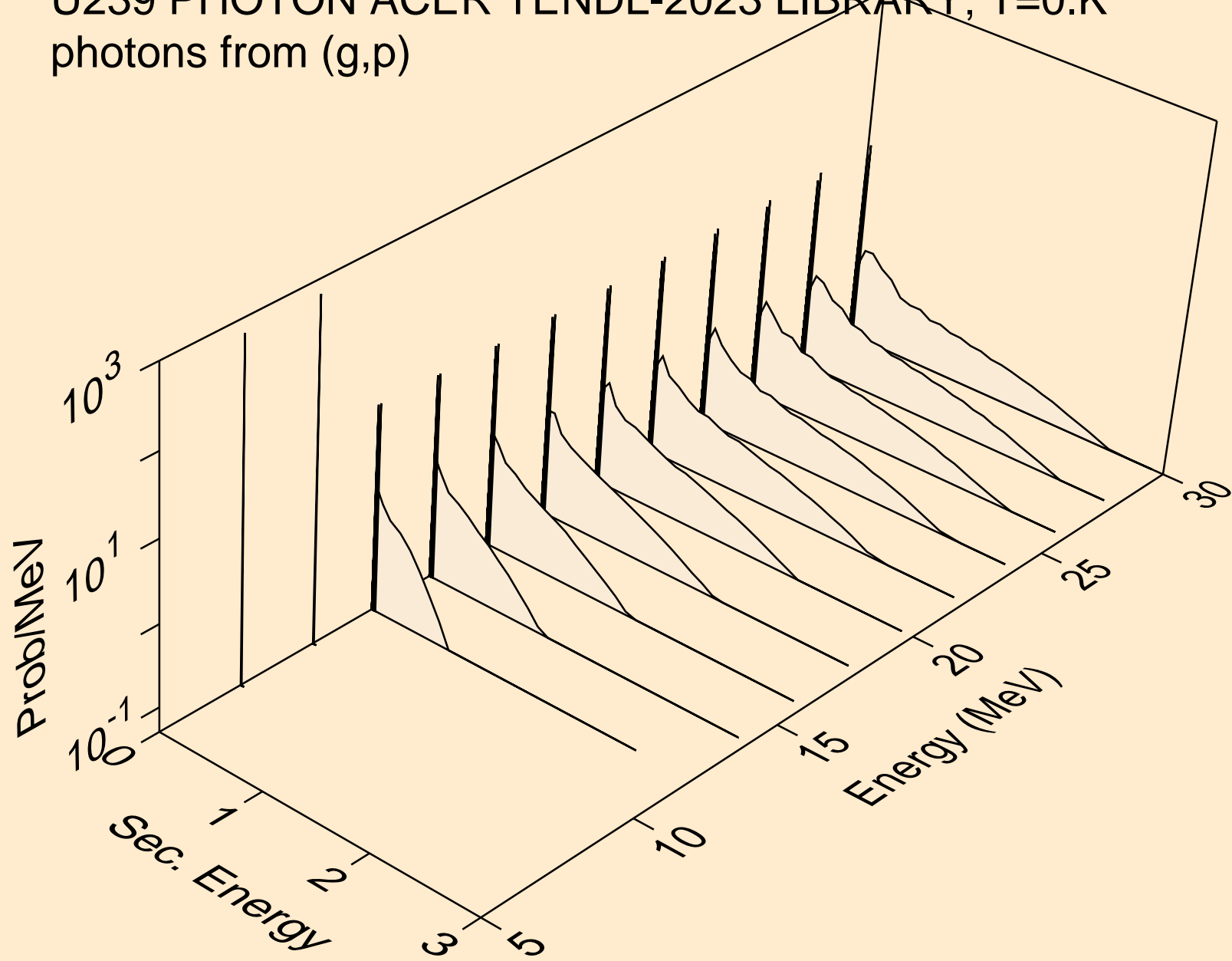
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,n\*c)



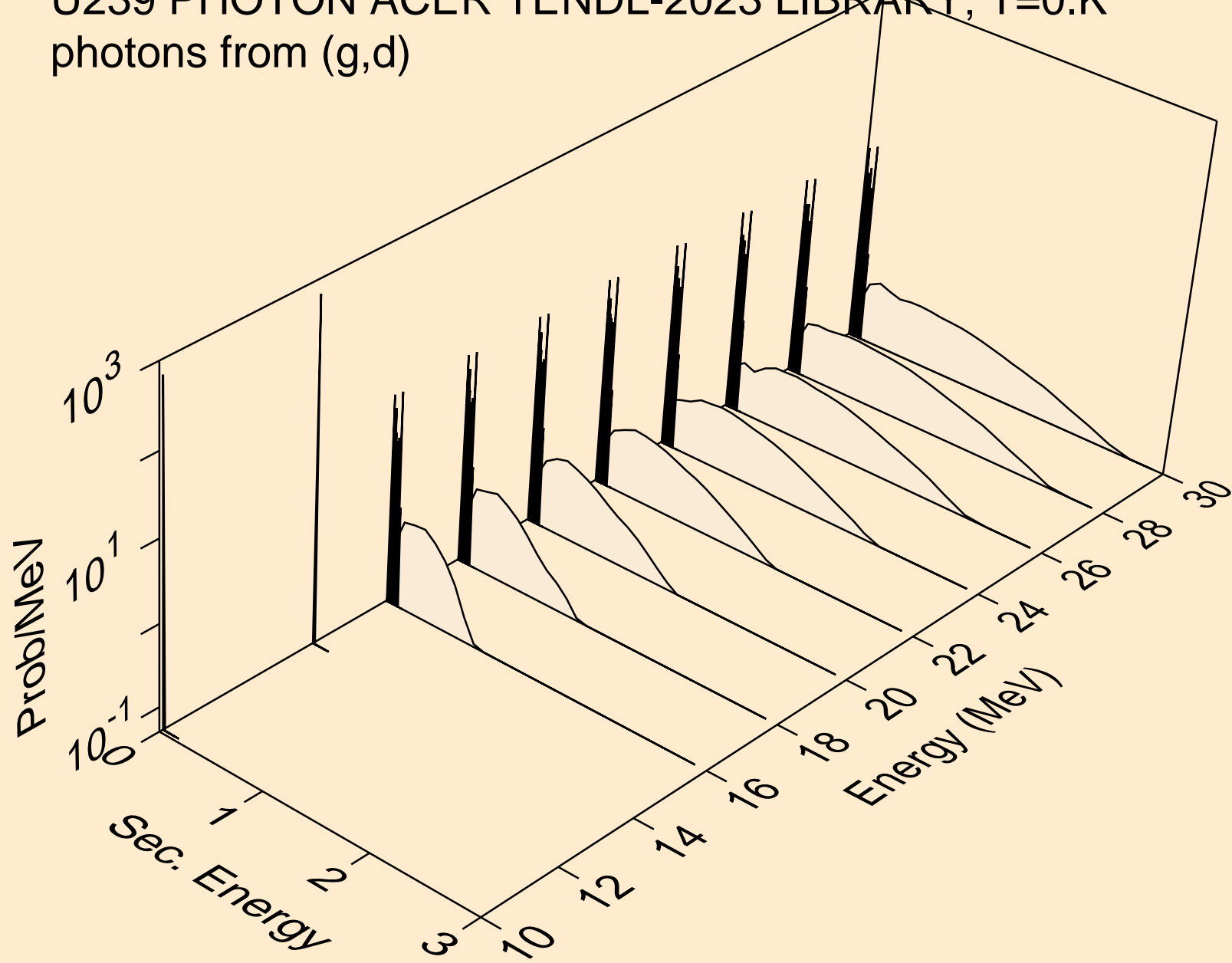
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,gma)



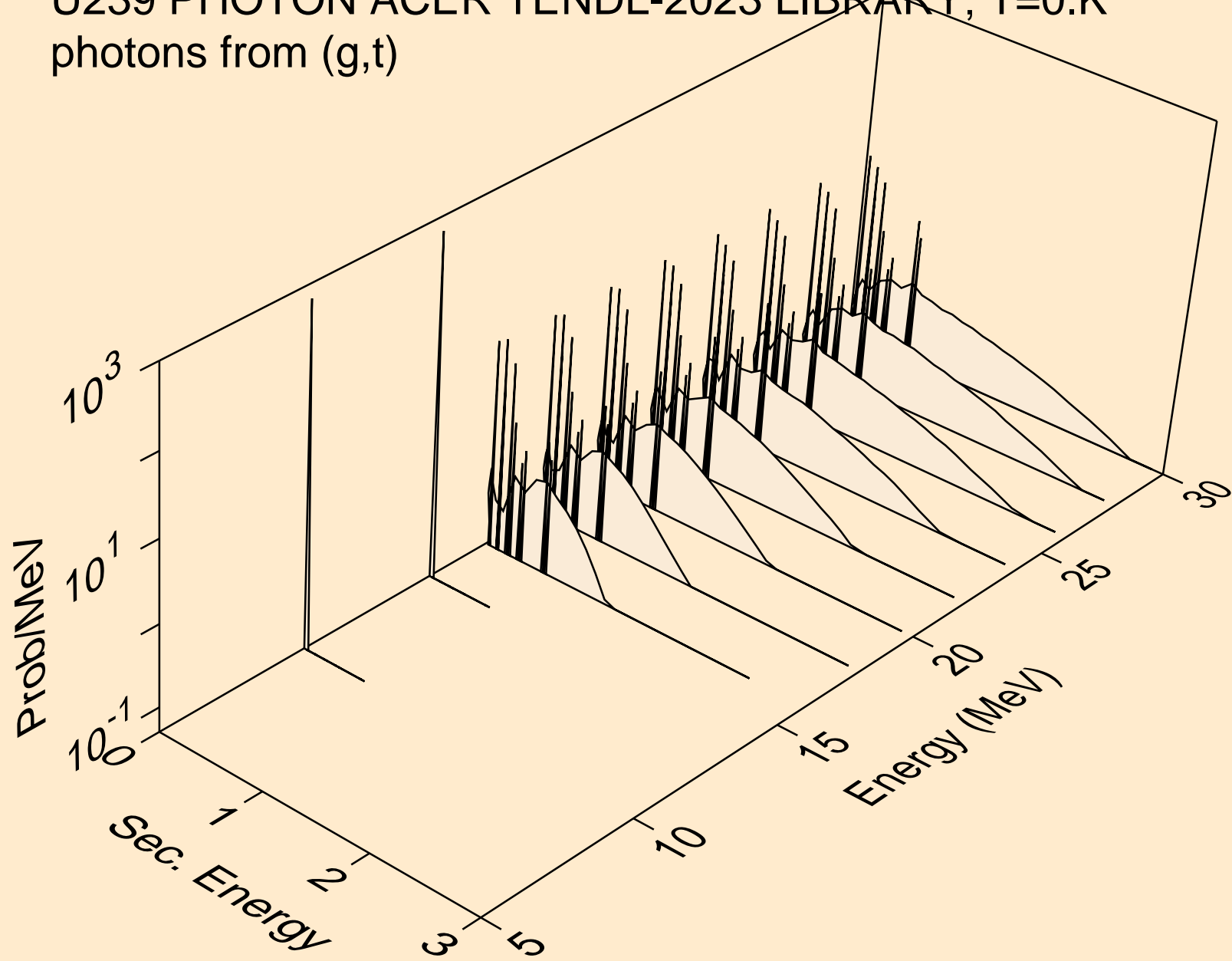
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,p)



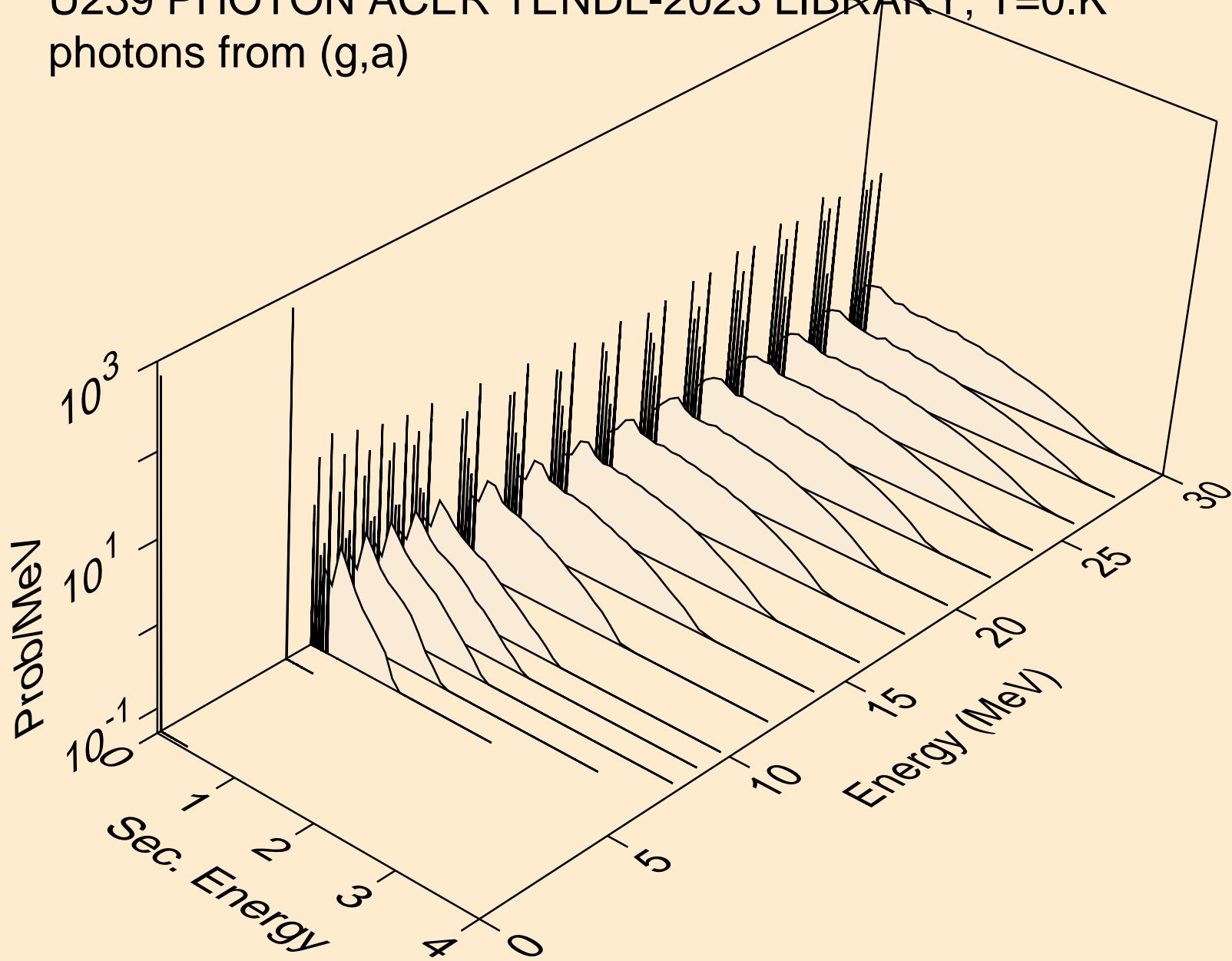
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,d)



U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,t)

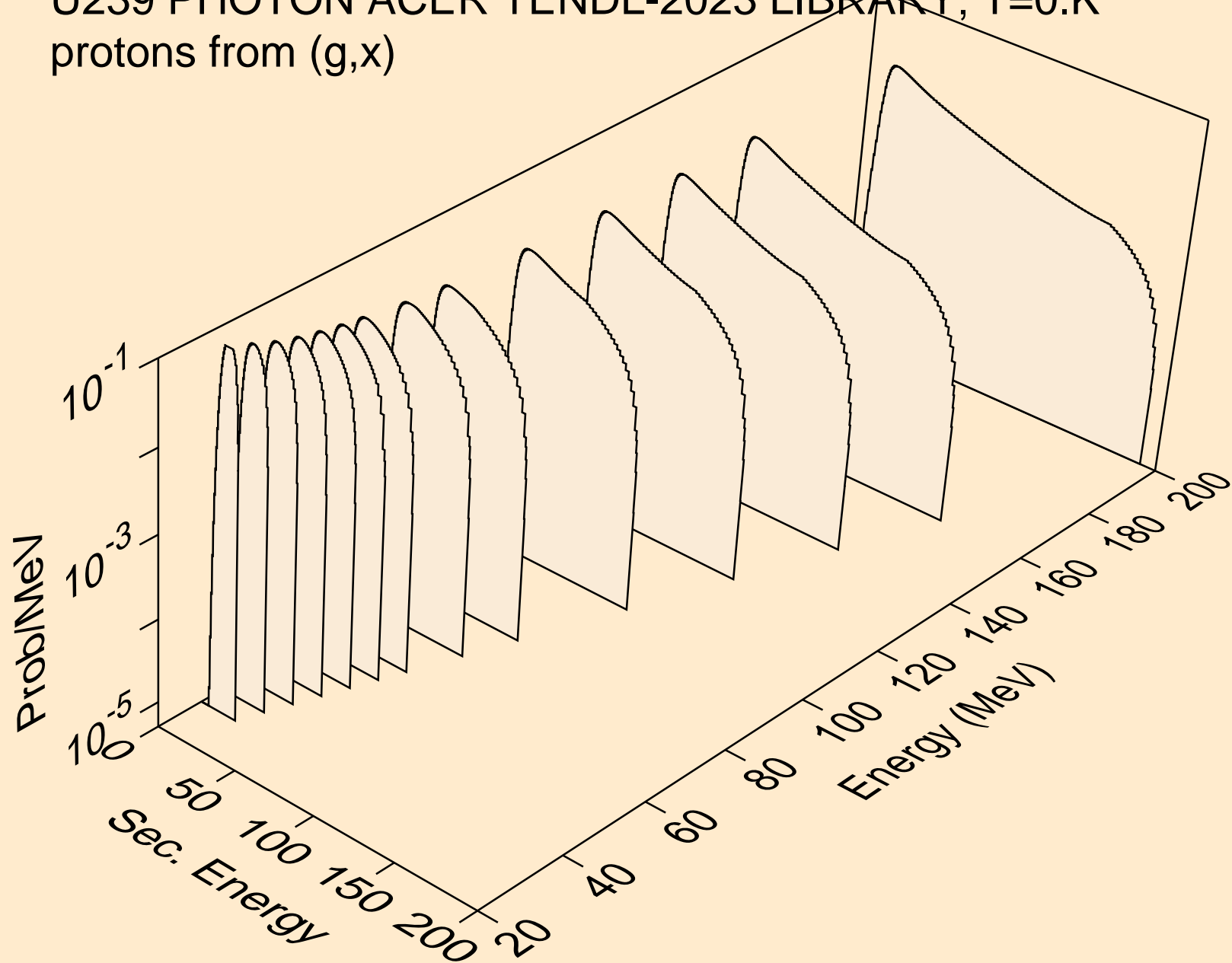


U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,a)

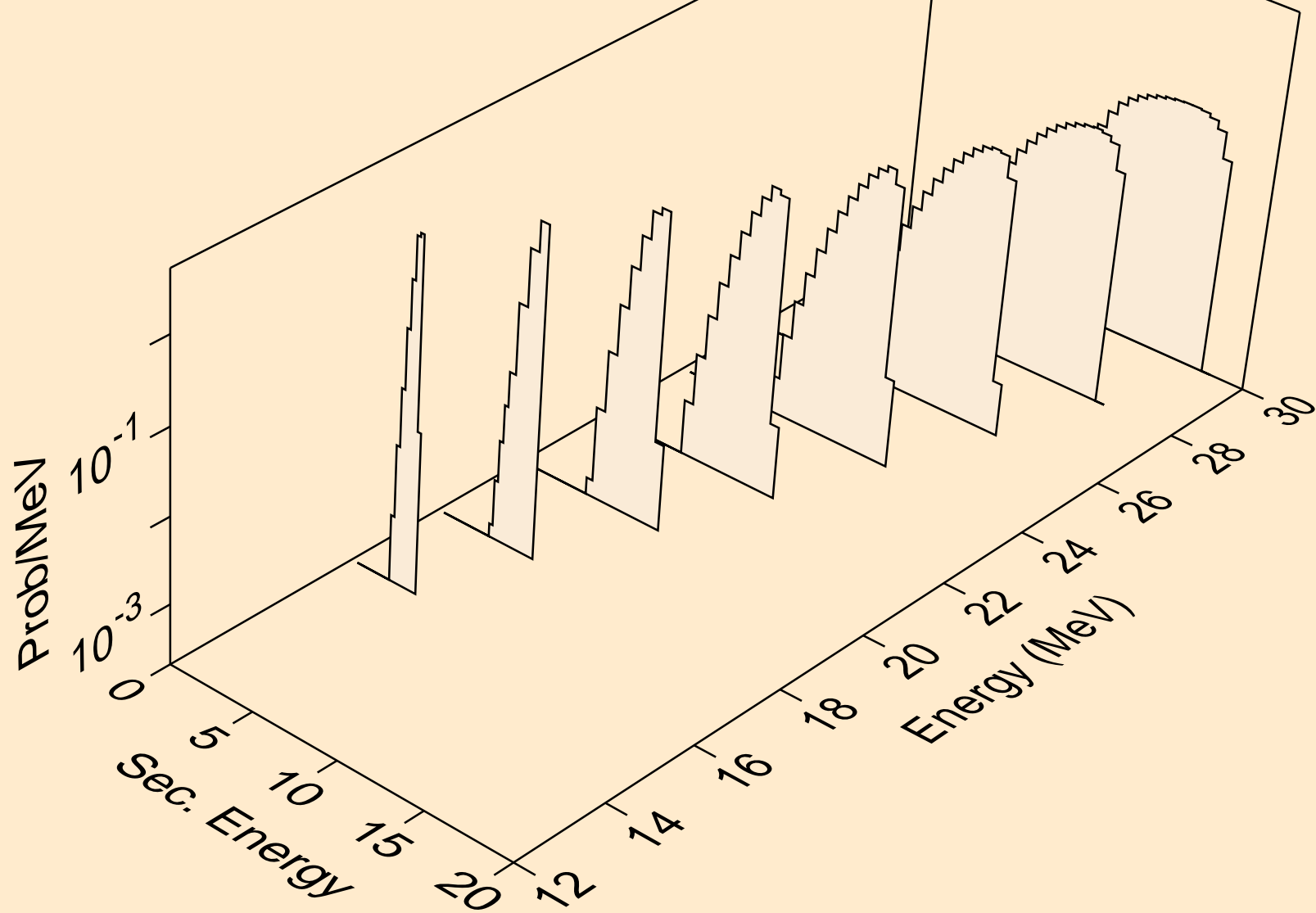




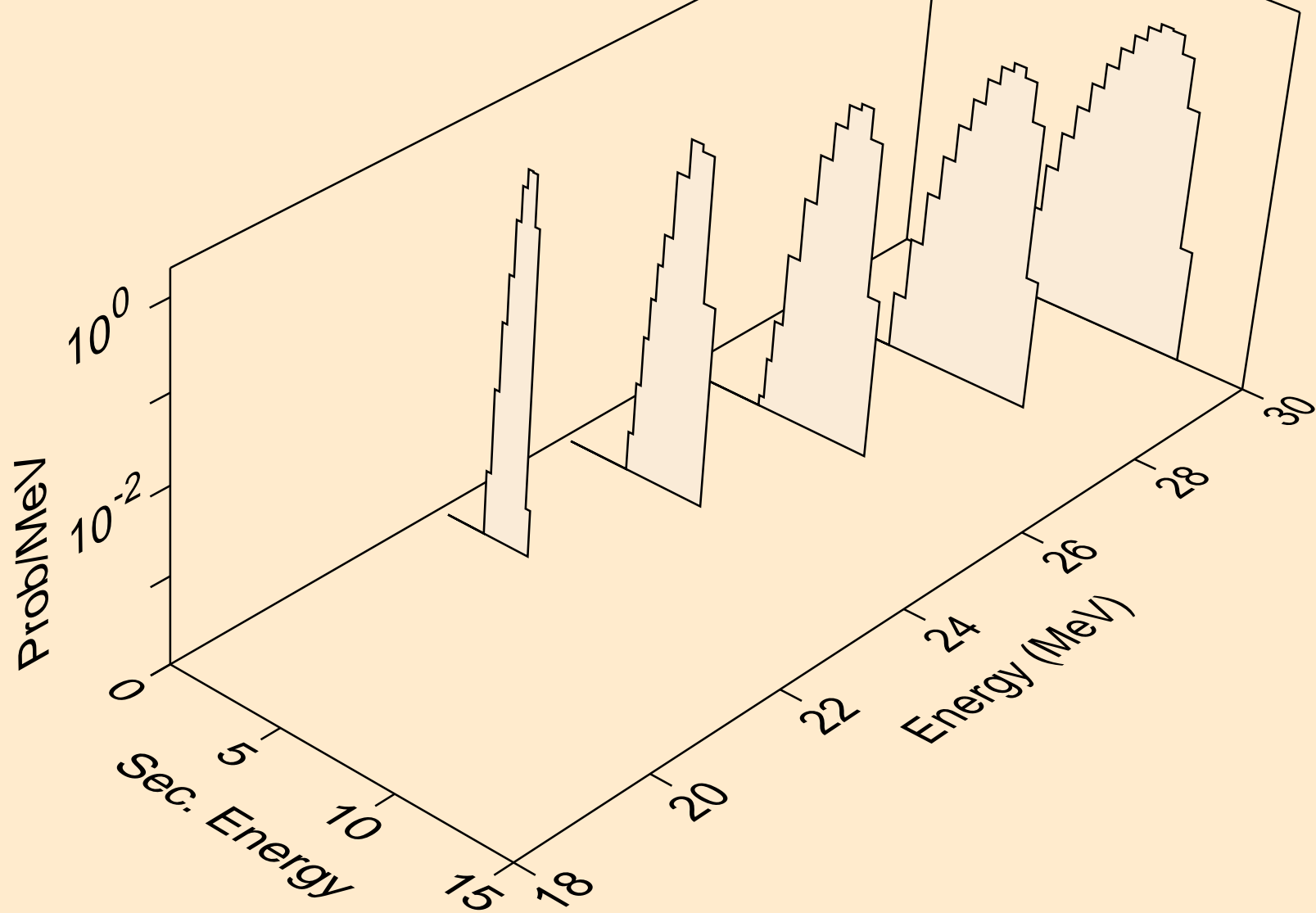
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (g,x)



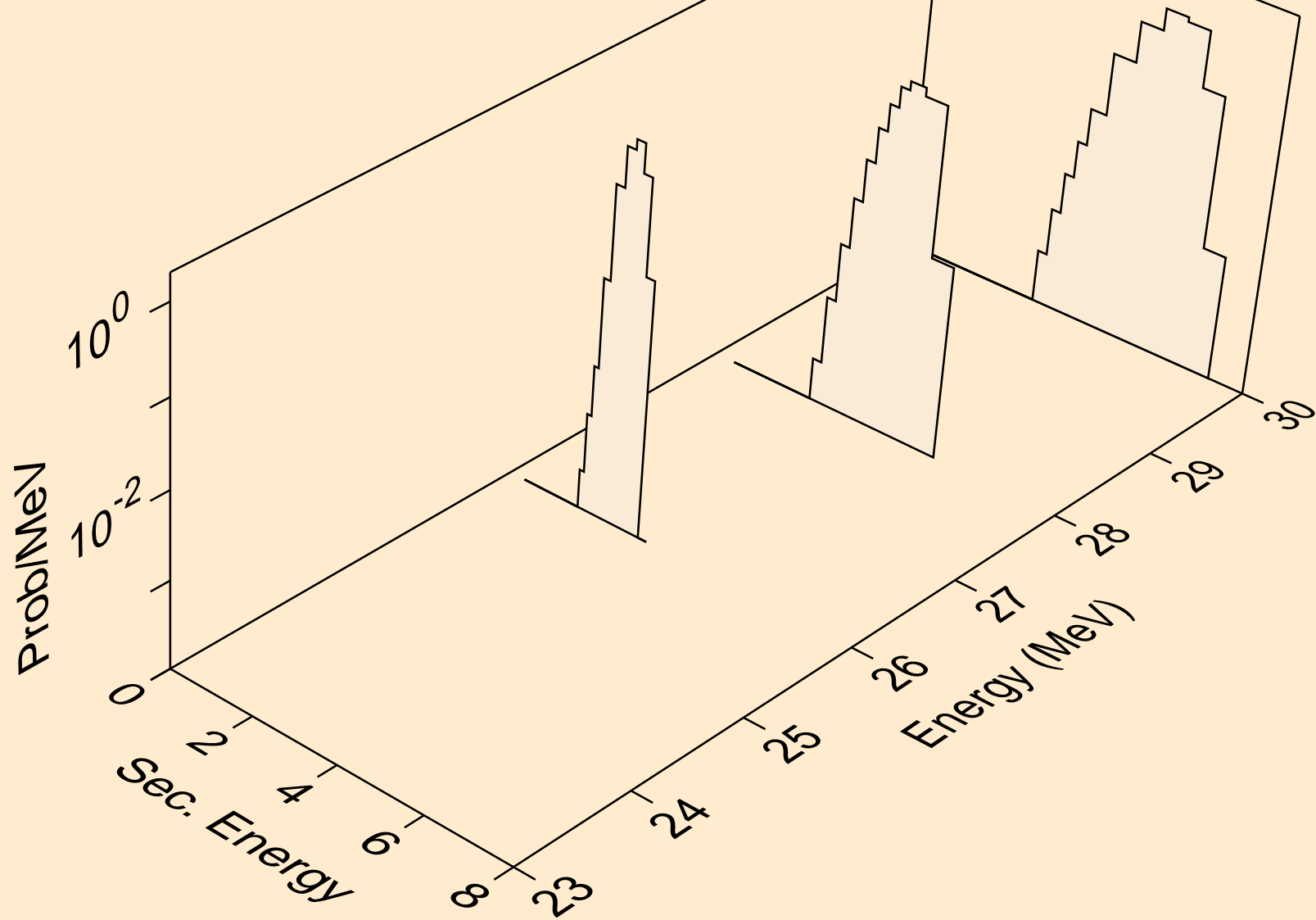
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (g,n\*)p



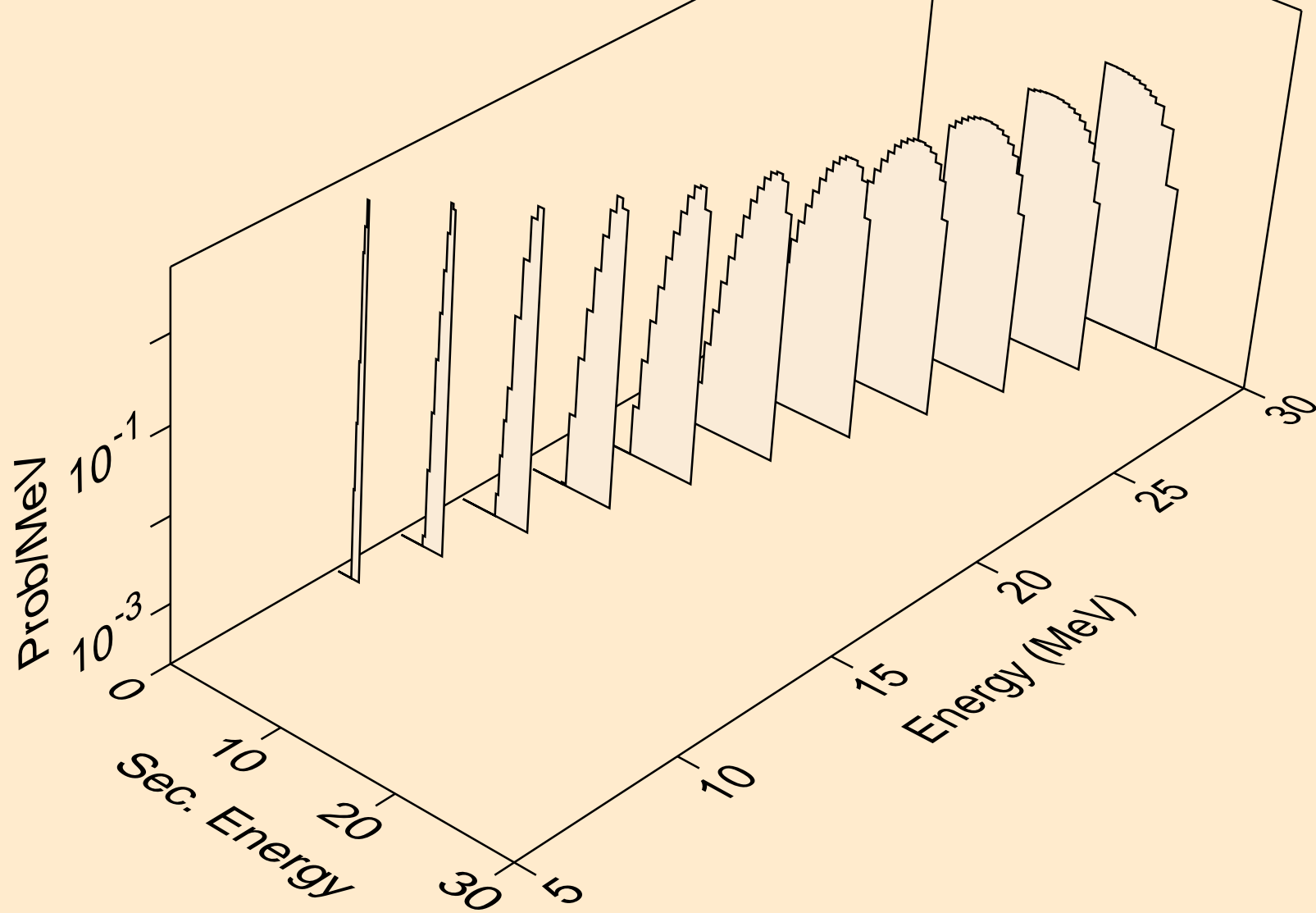
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (g,2np)



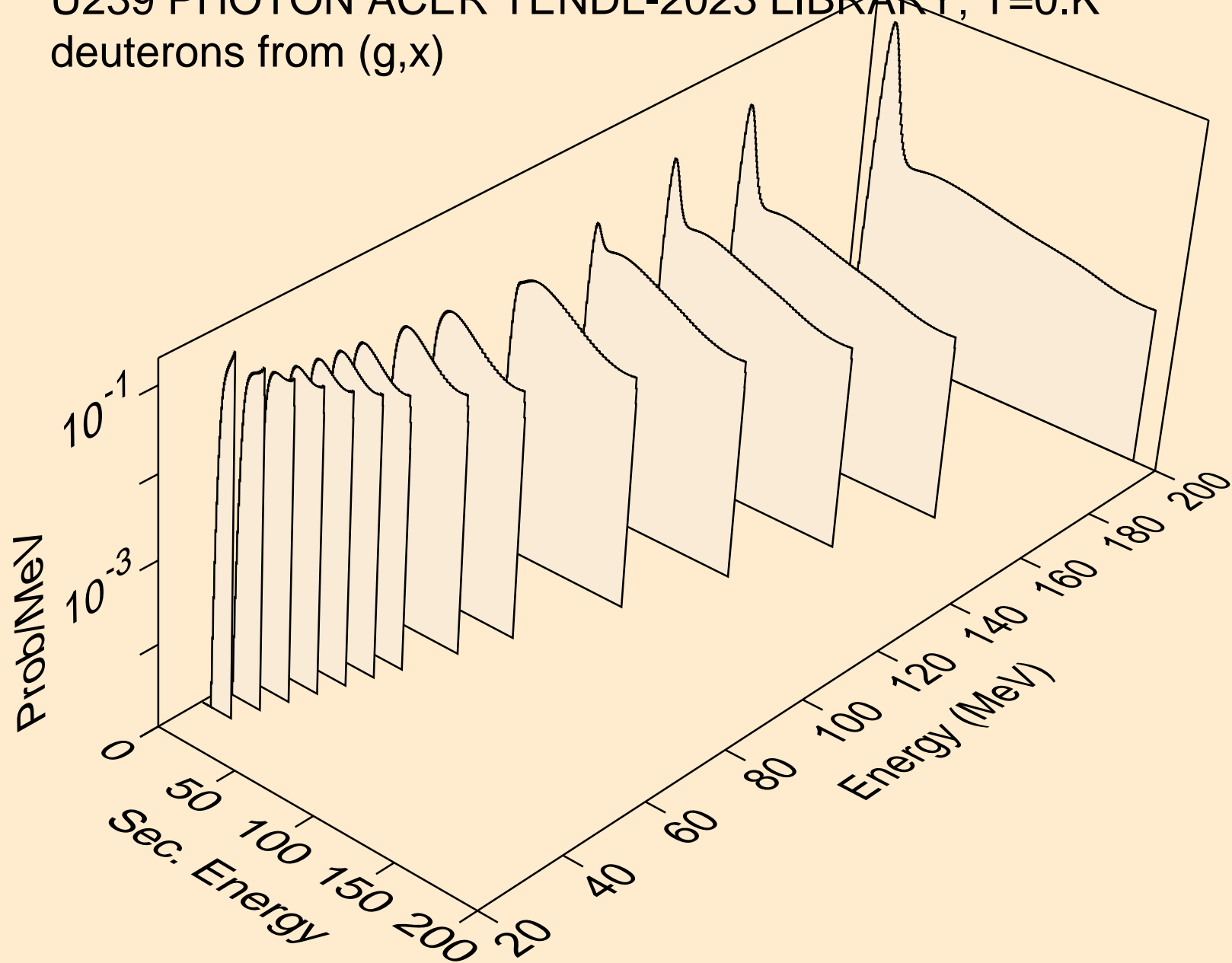
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (g,3np)



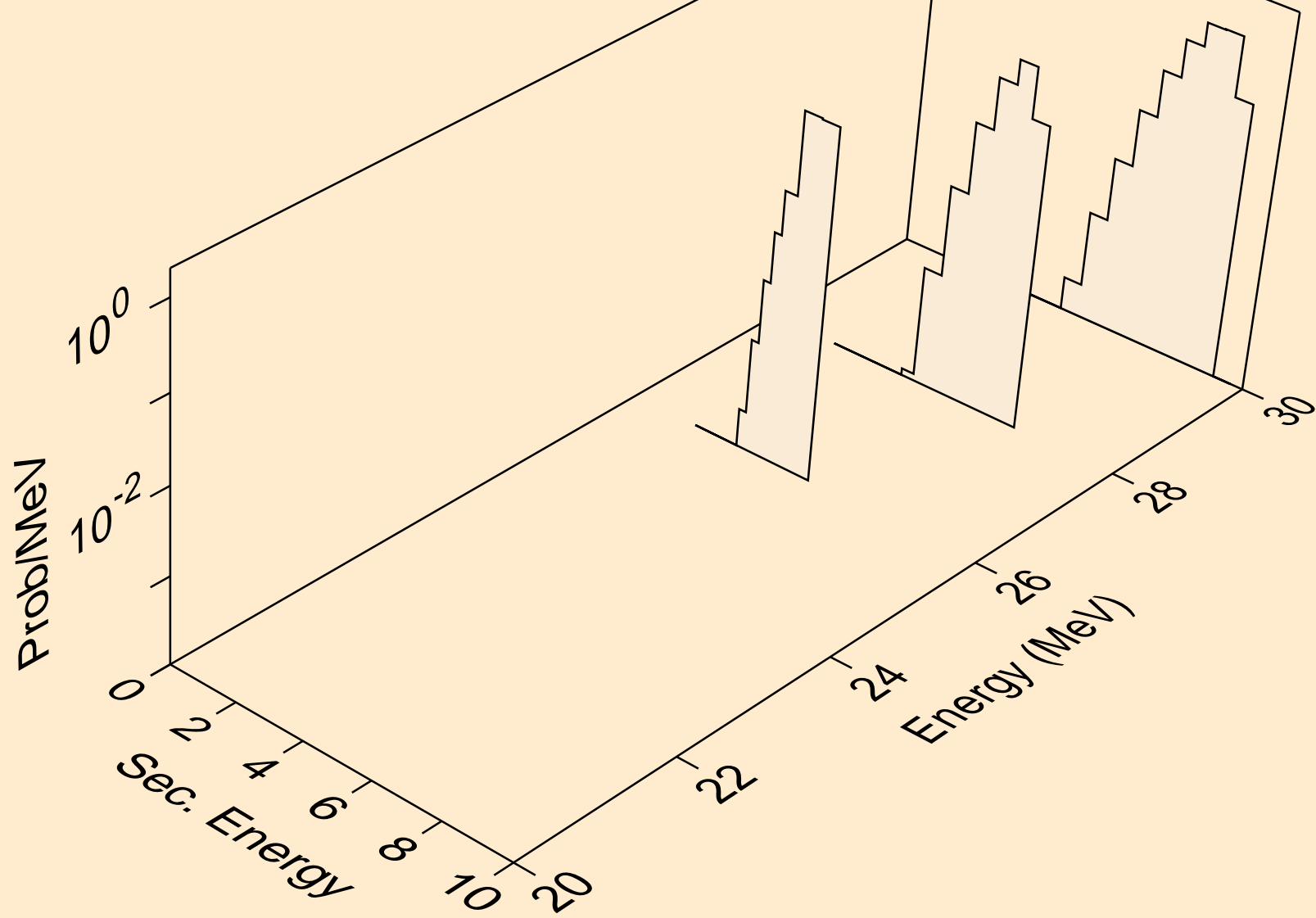
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (g,p)



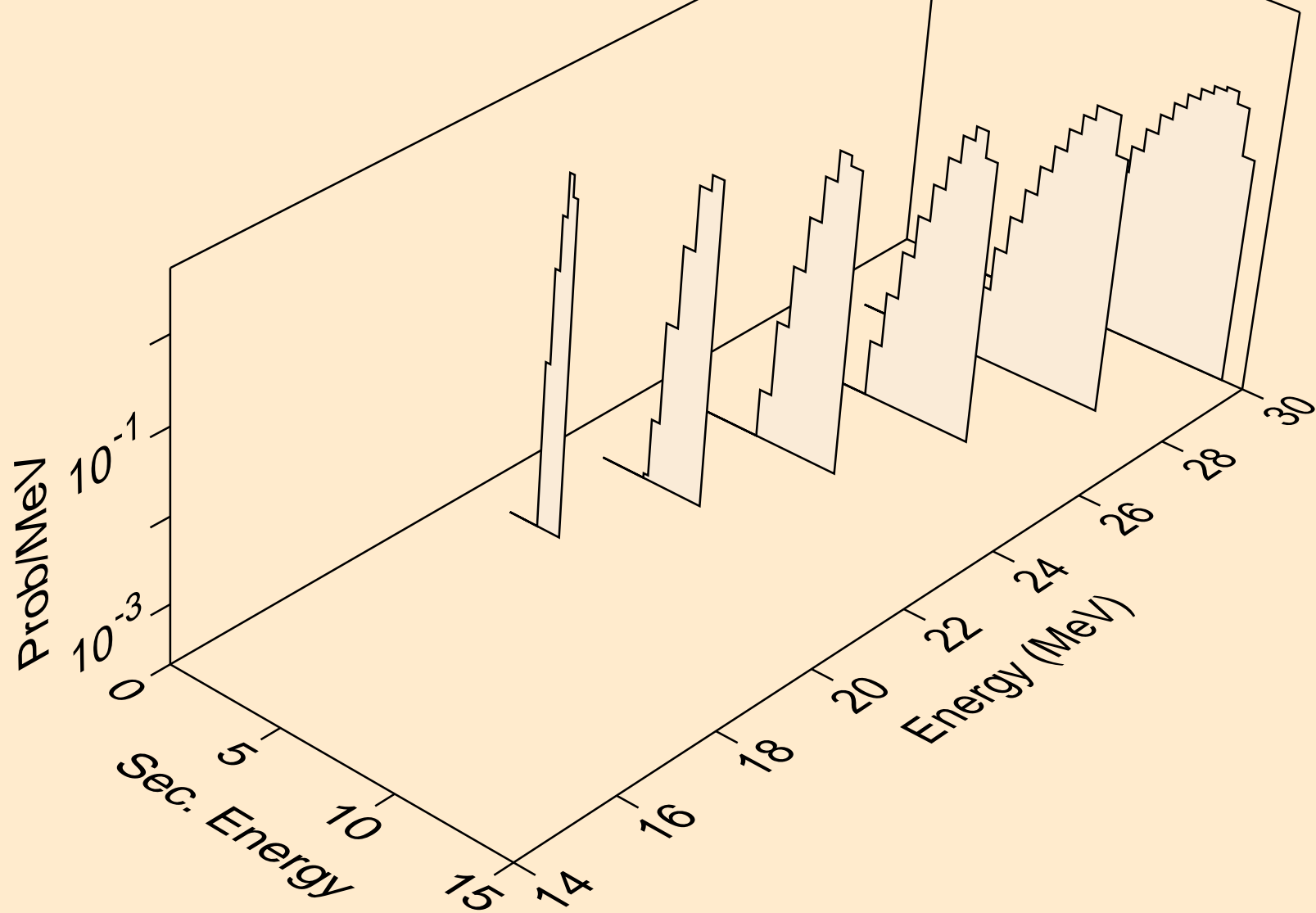
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (g,x)



U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (g,2nd)

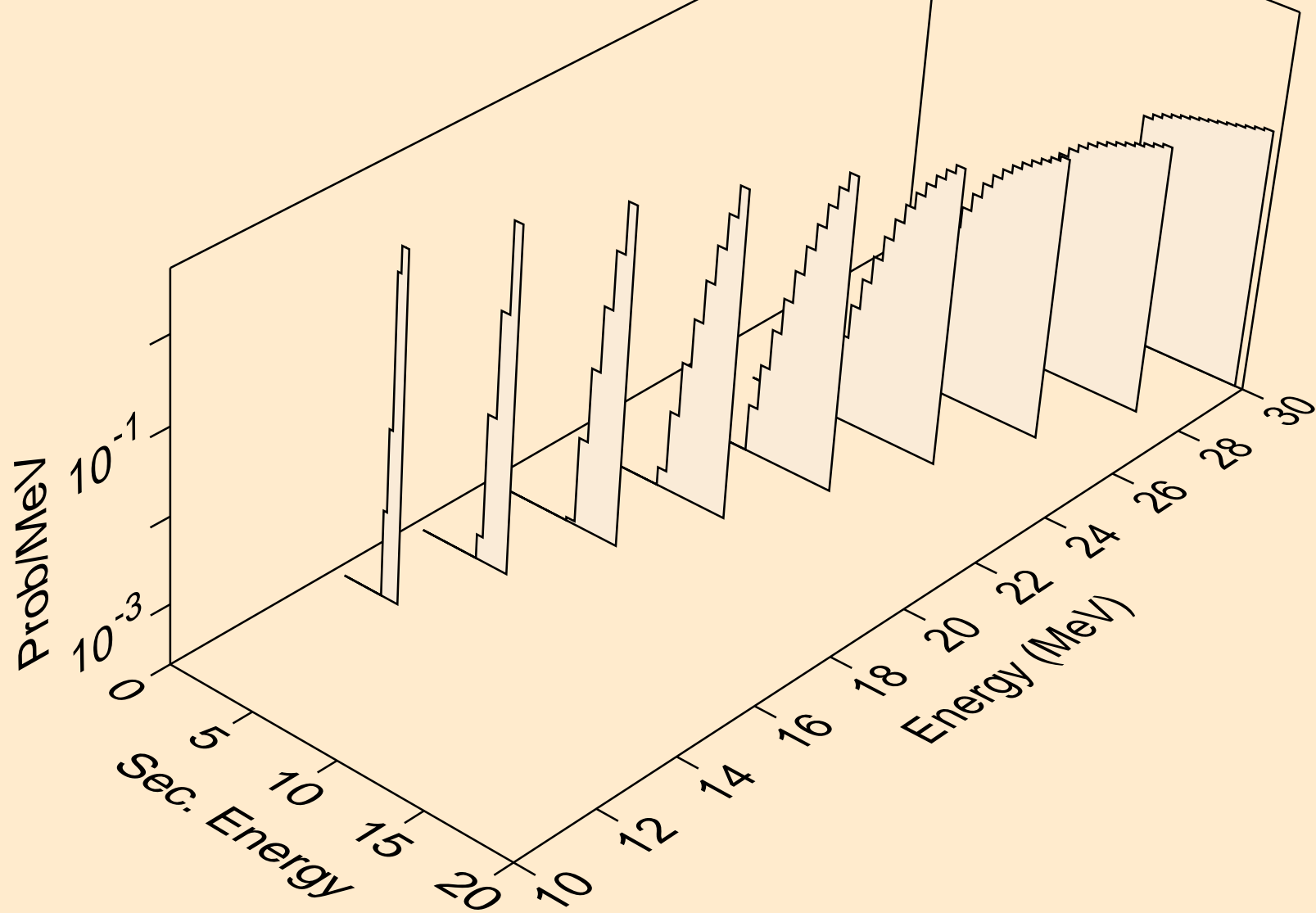


U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (g,n\*)d

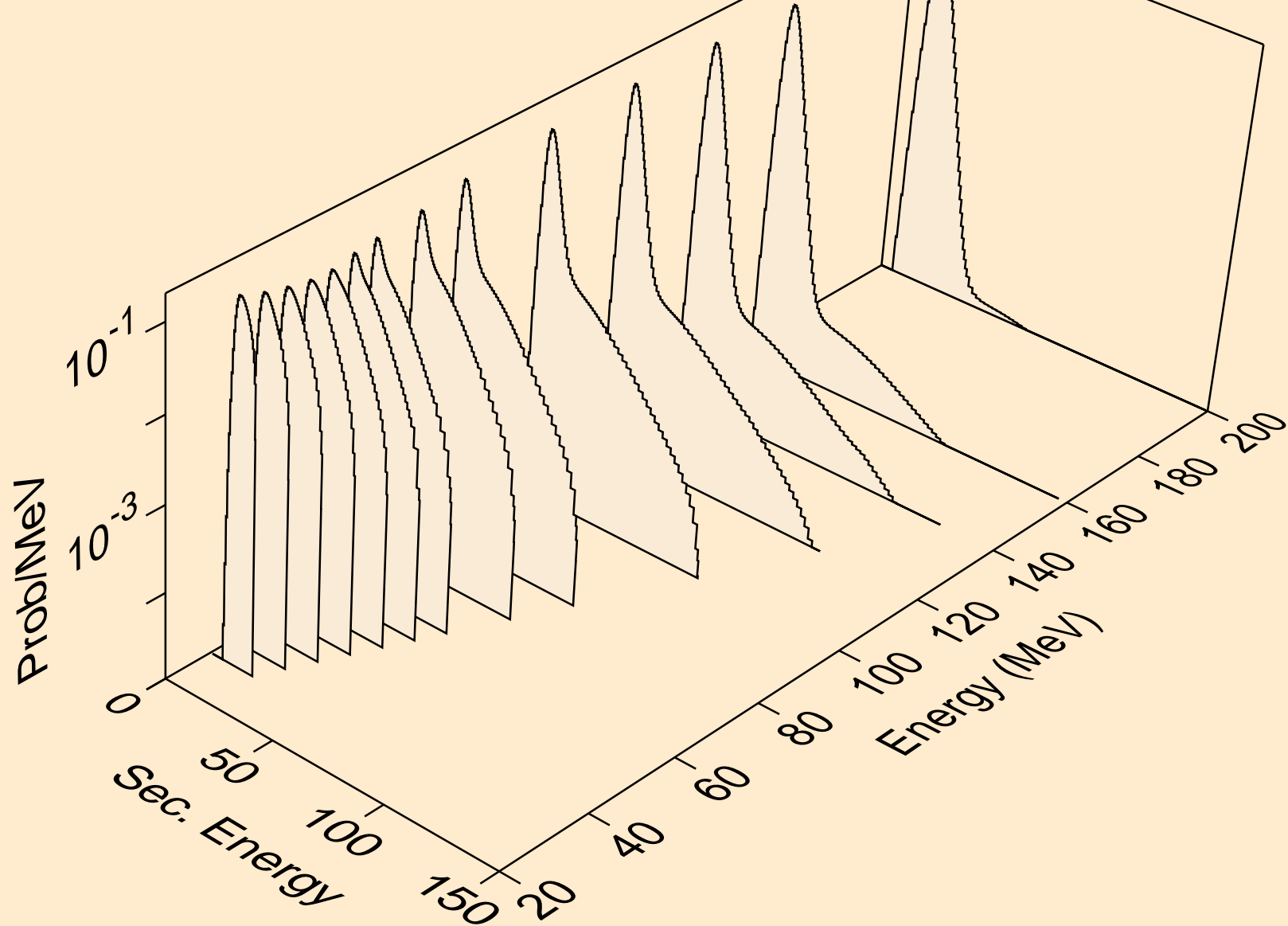




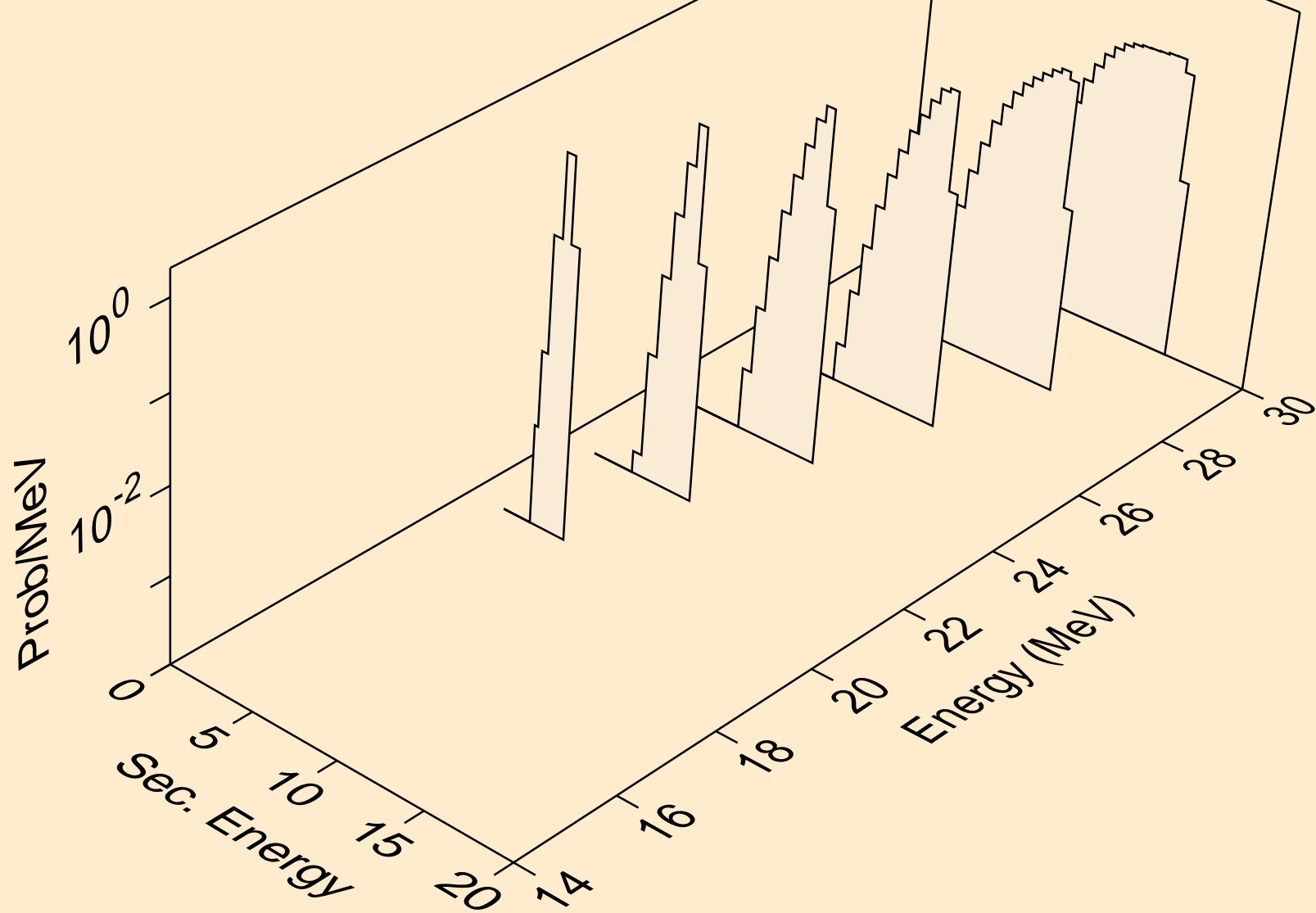
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (g,d)



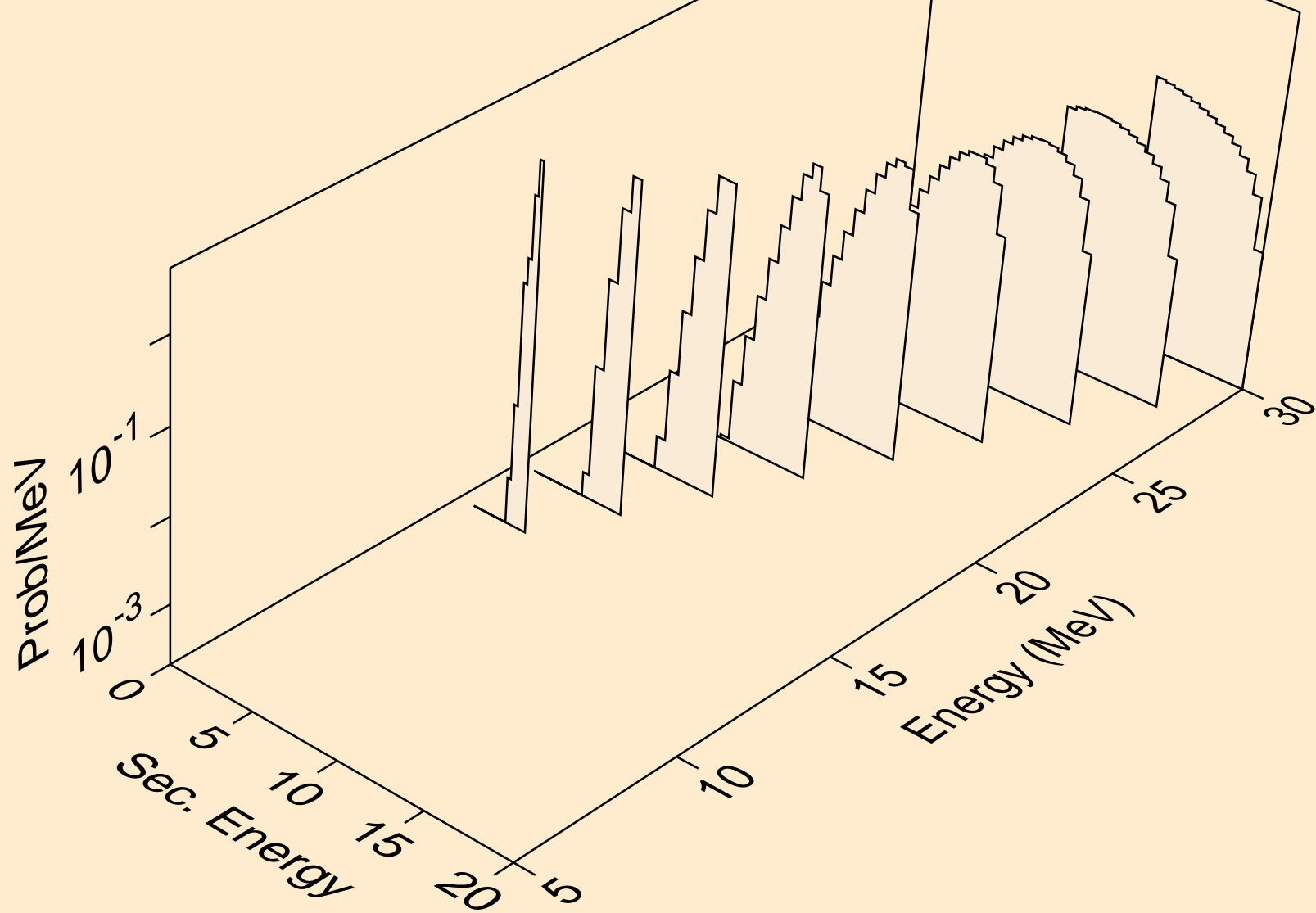
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (g,x)



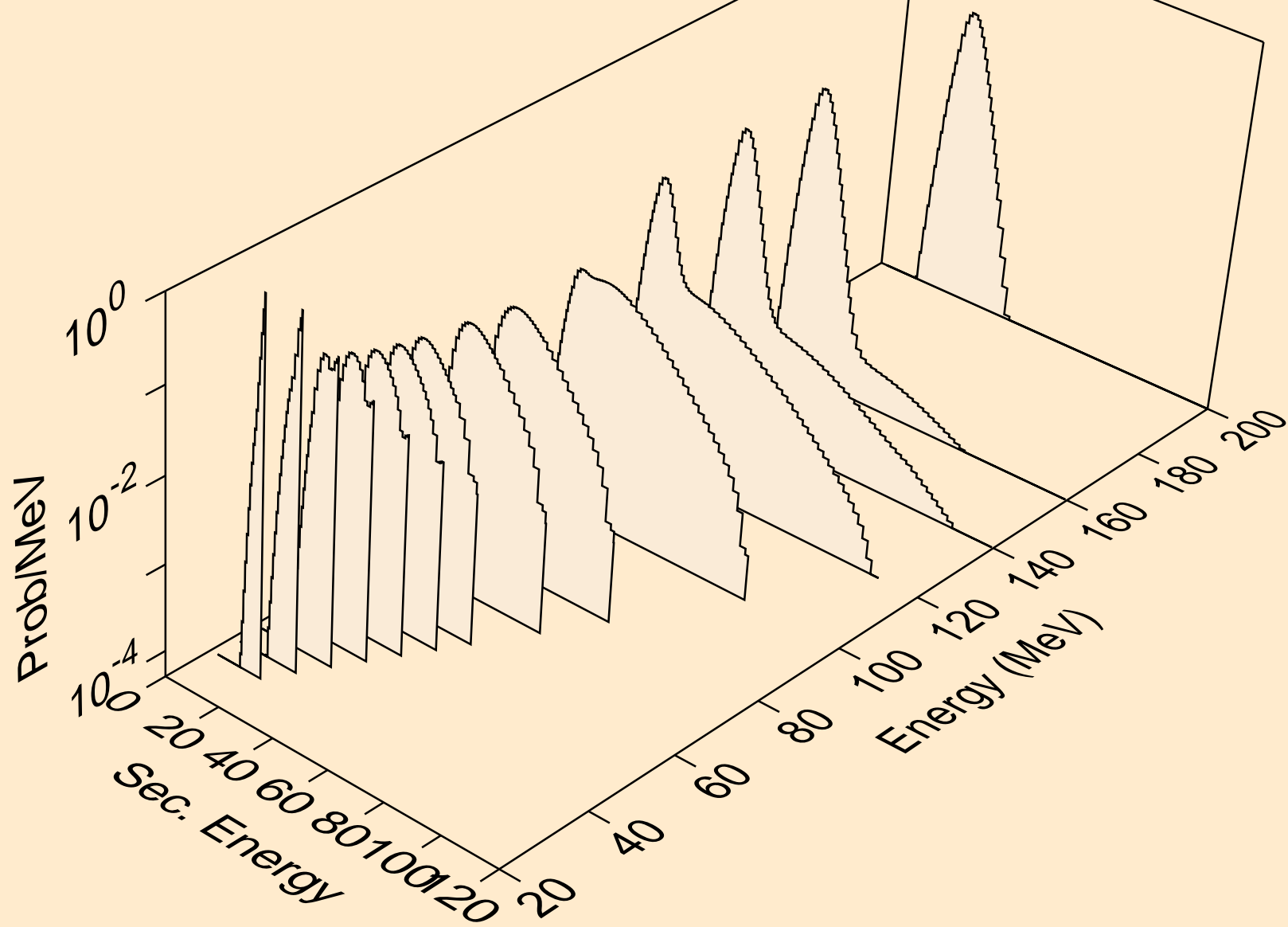
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (g,n\*)t



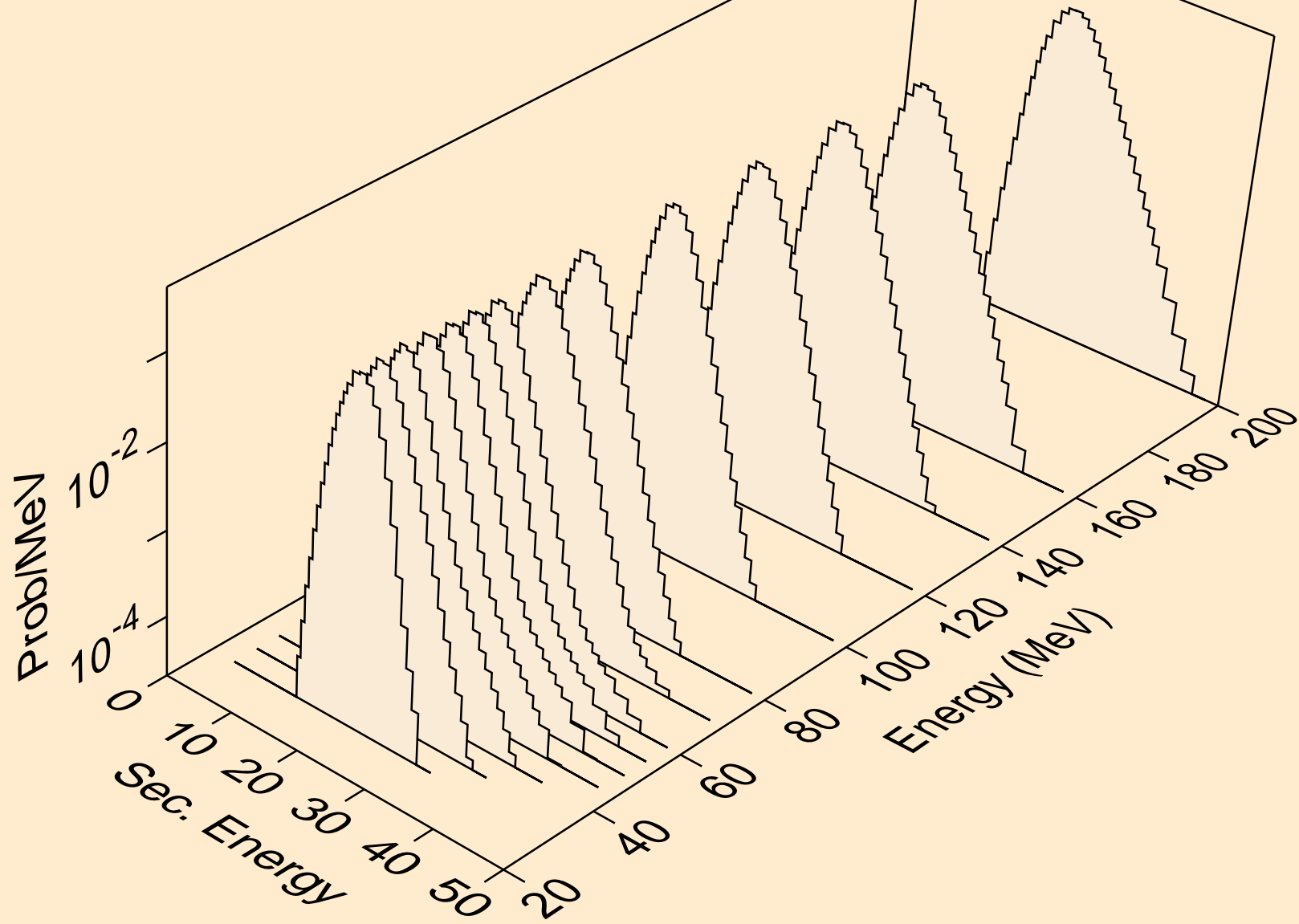
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (g,t)



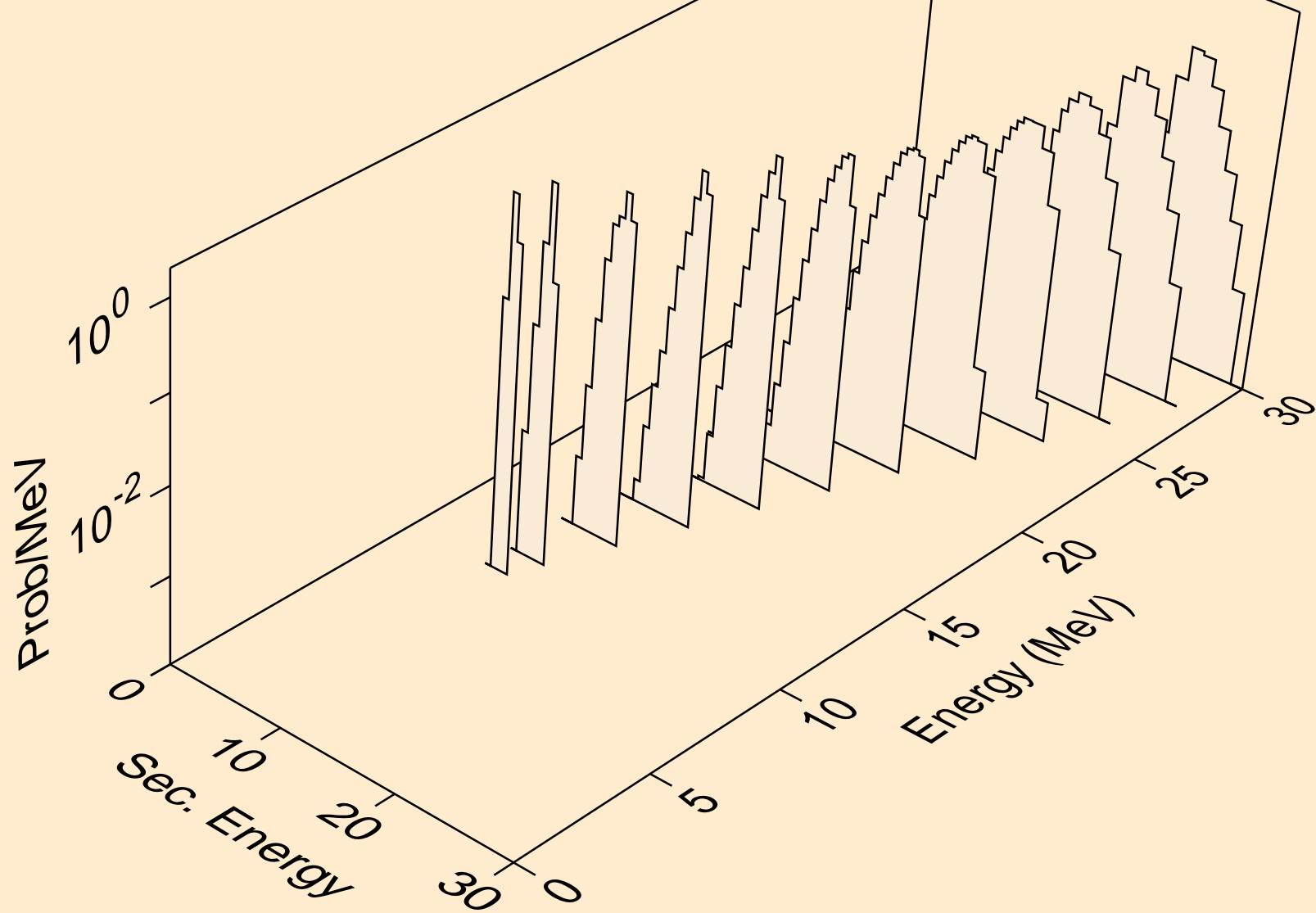
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (g,x)



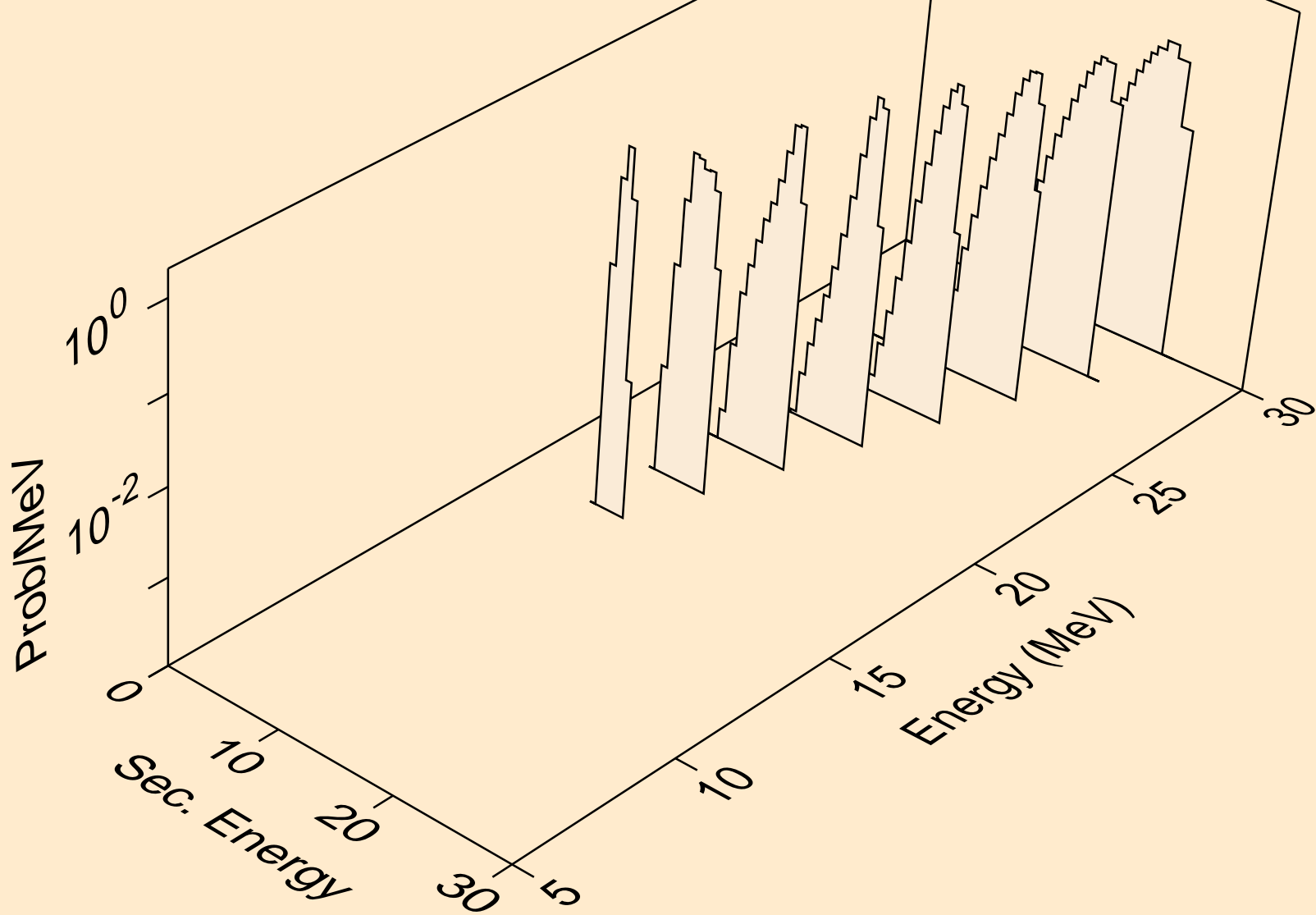
U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (g,x)



U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (g,n\*)a

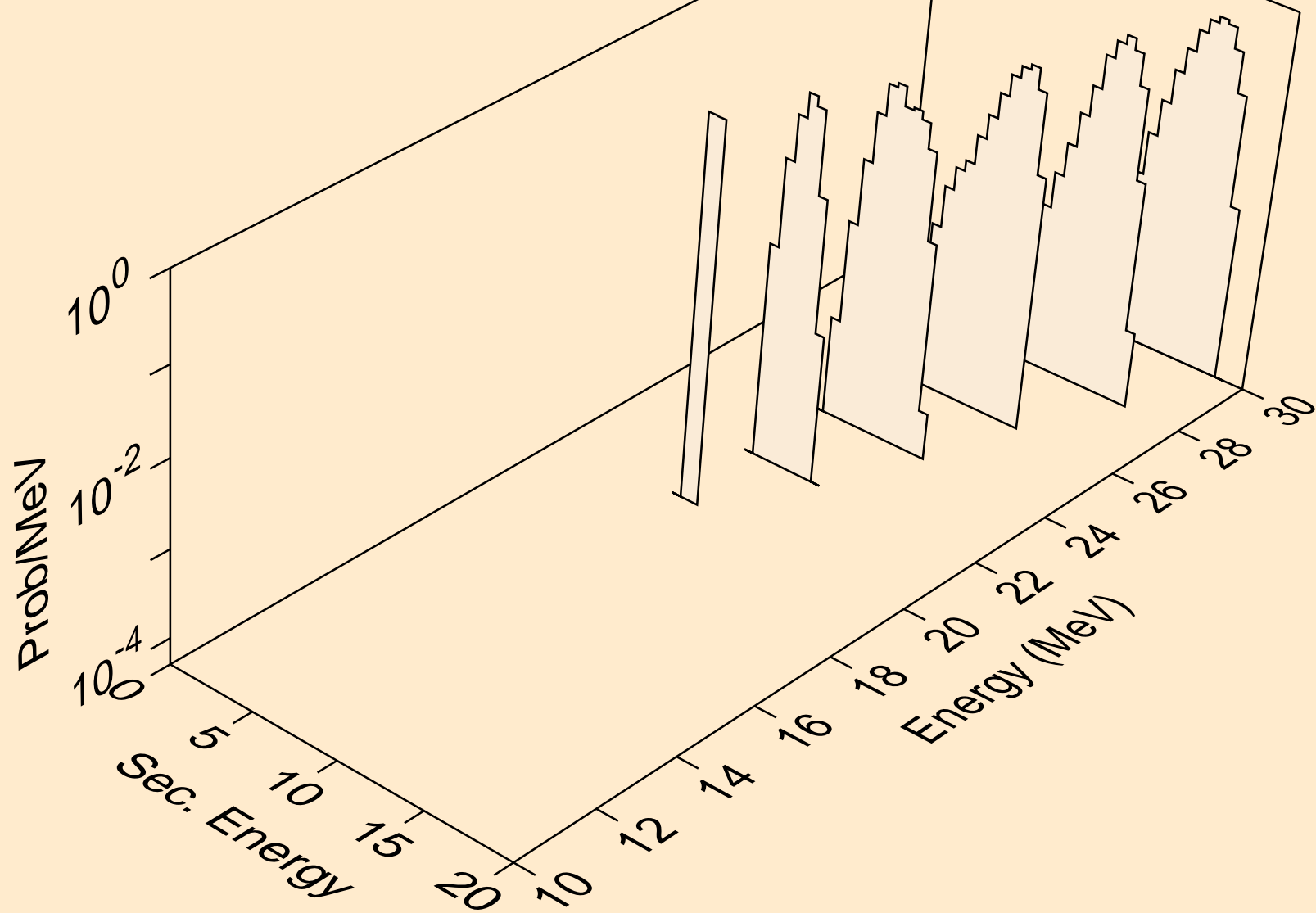


U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (g,2n)a





U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (g,3n)a



U239 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (g,a)

