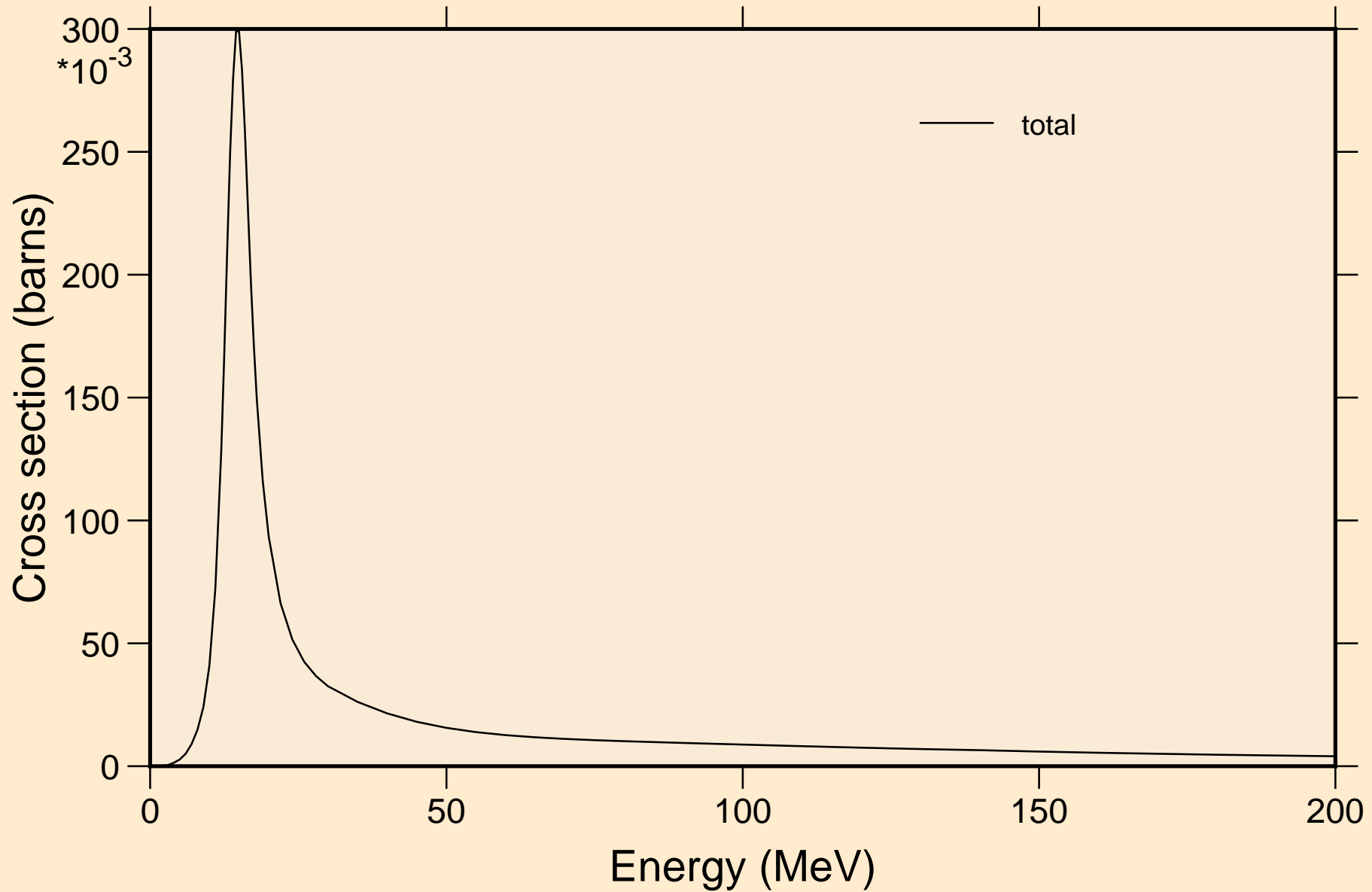
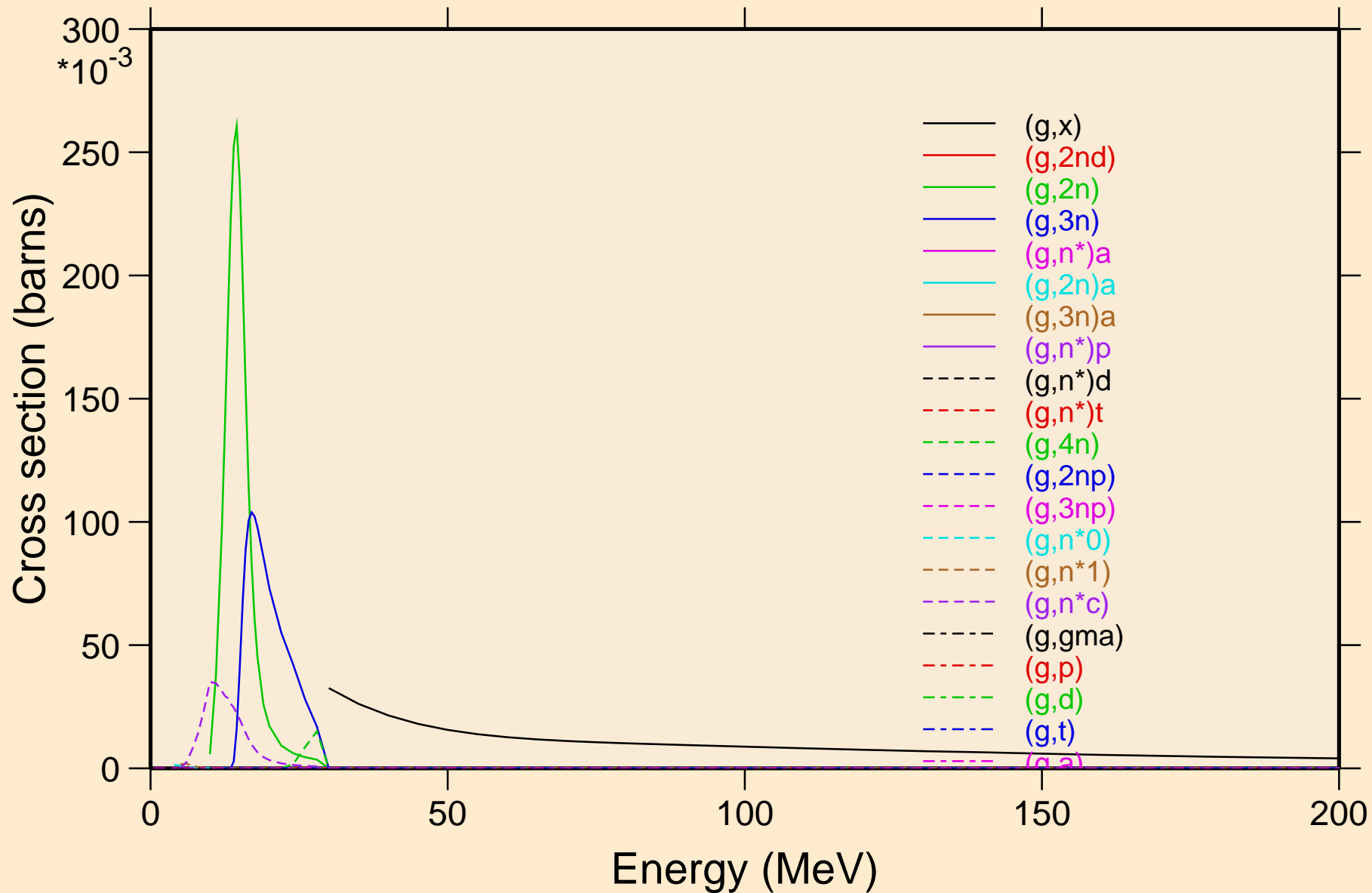


XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



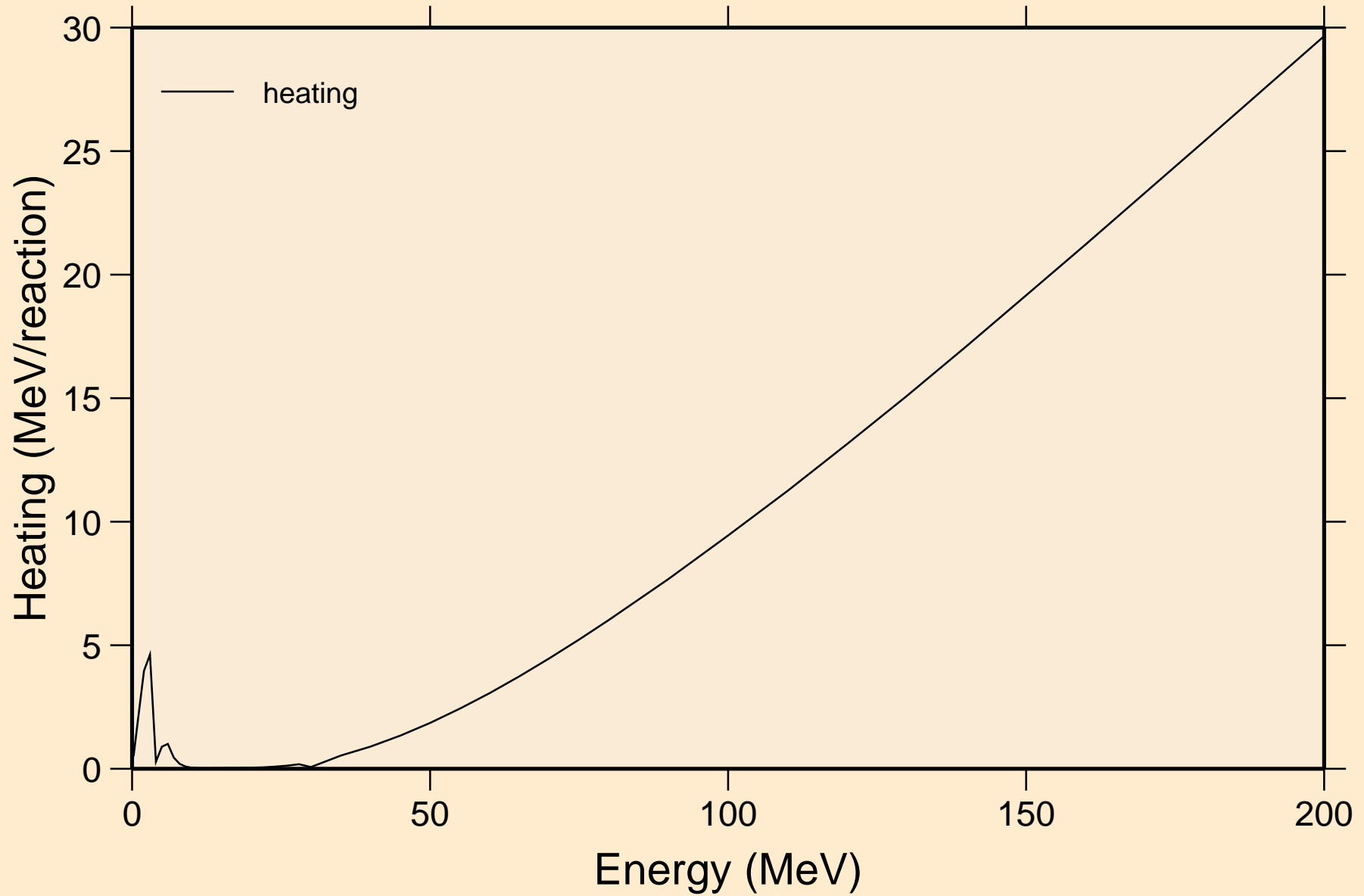
# XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K

## Partial cross sections



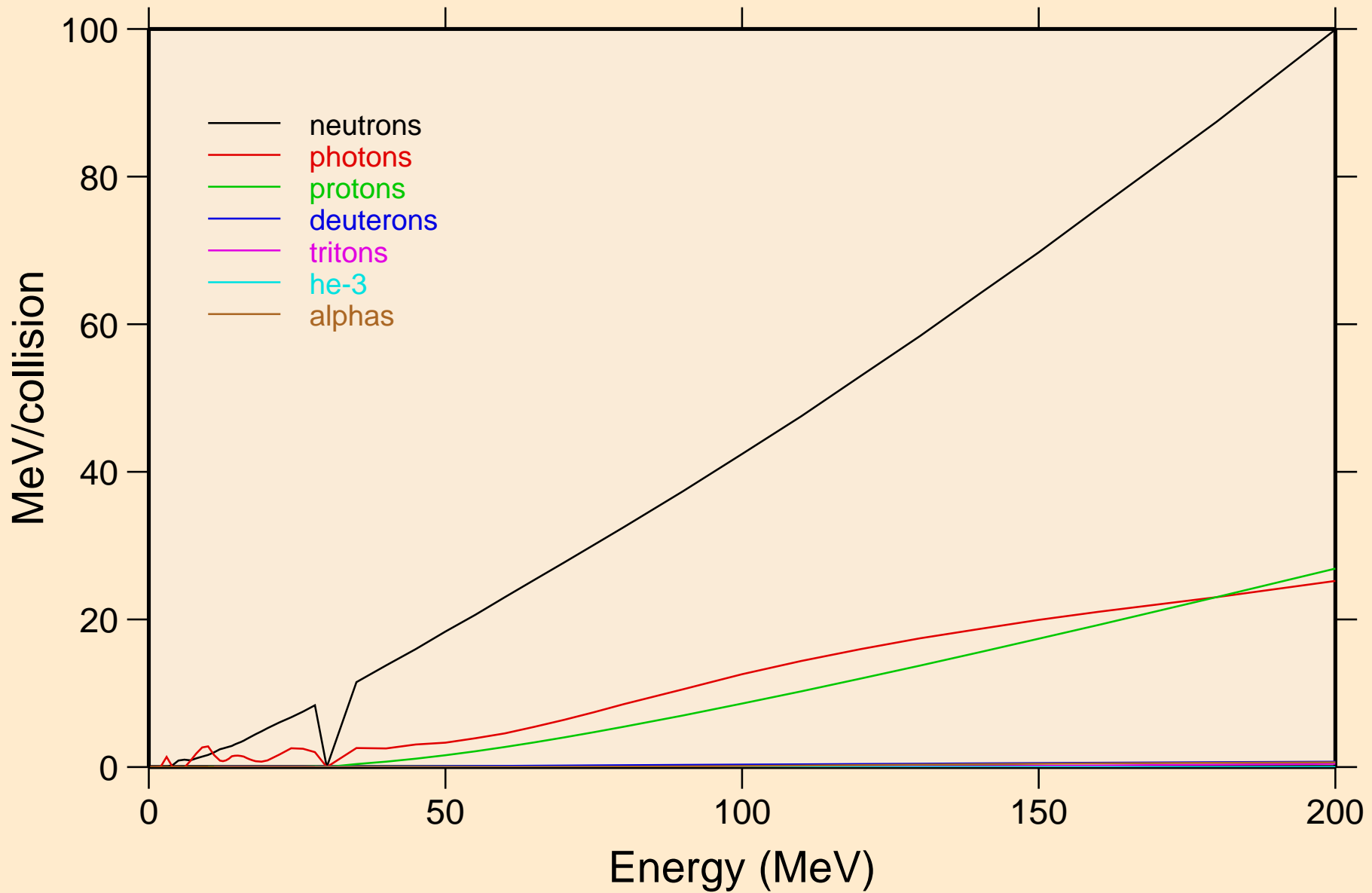
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

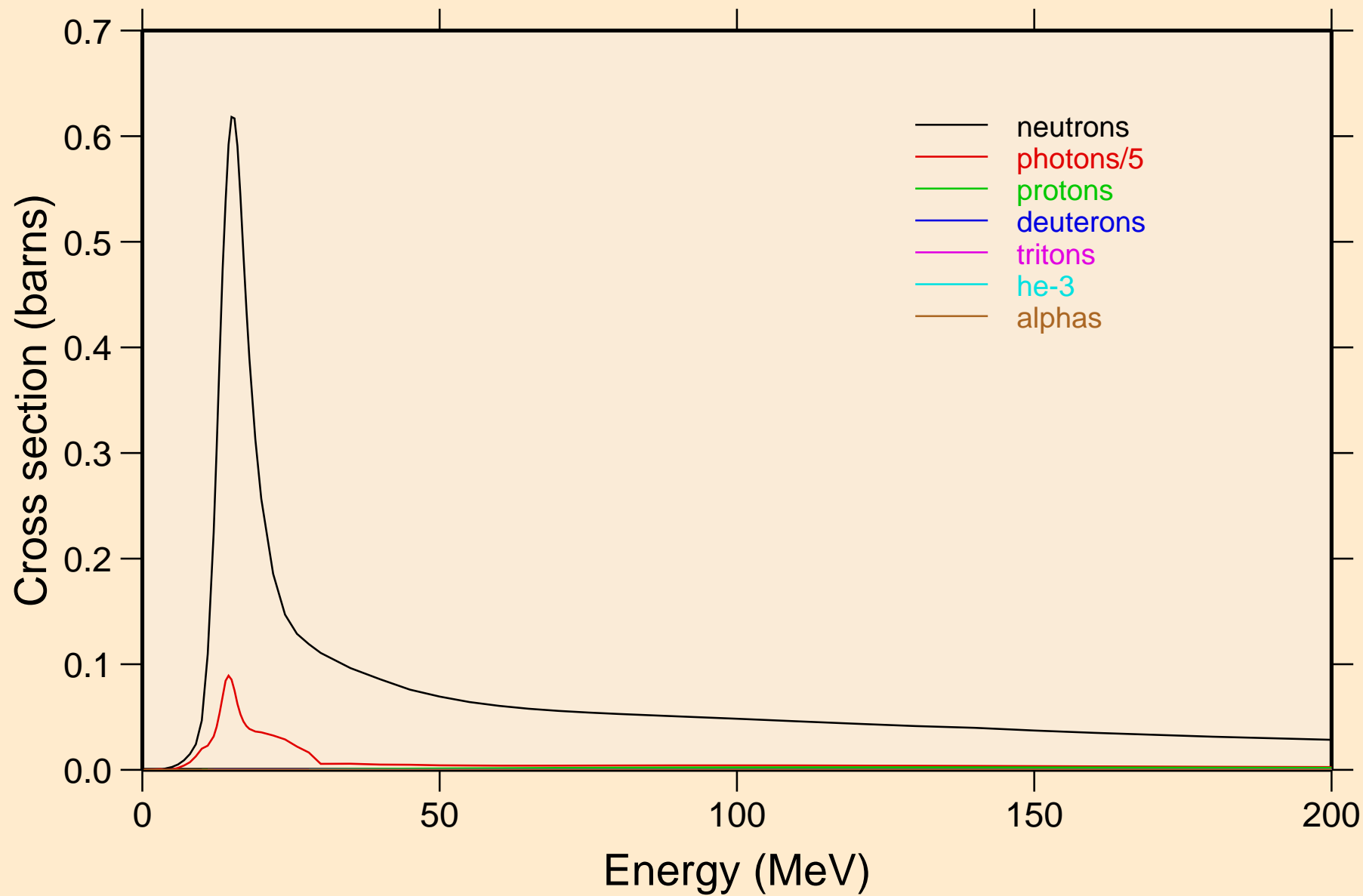


# XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K

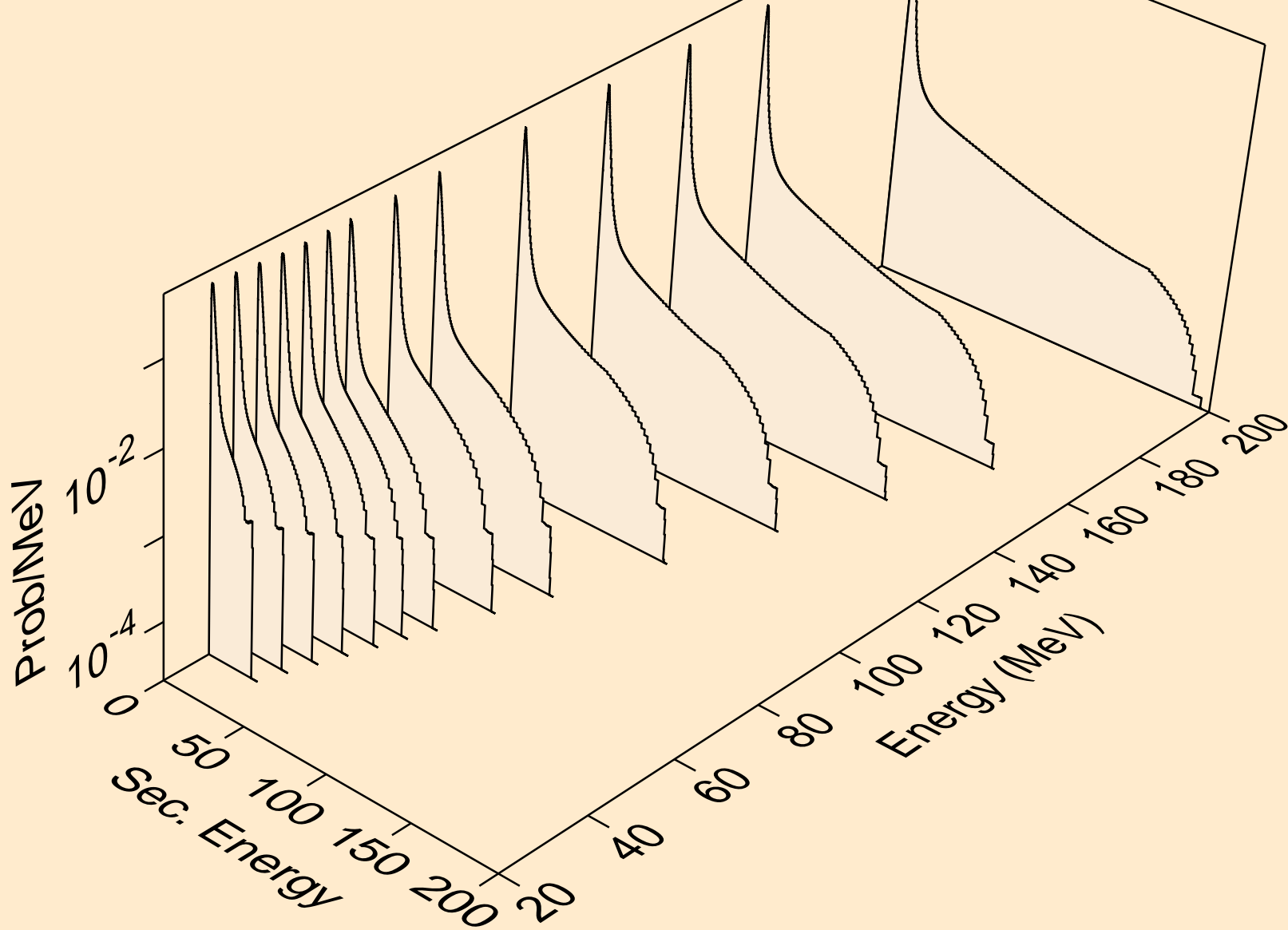
## Particle heating contributions



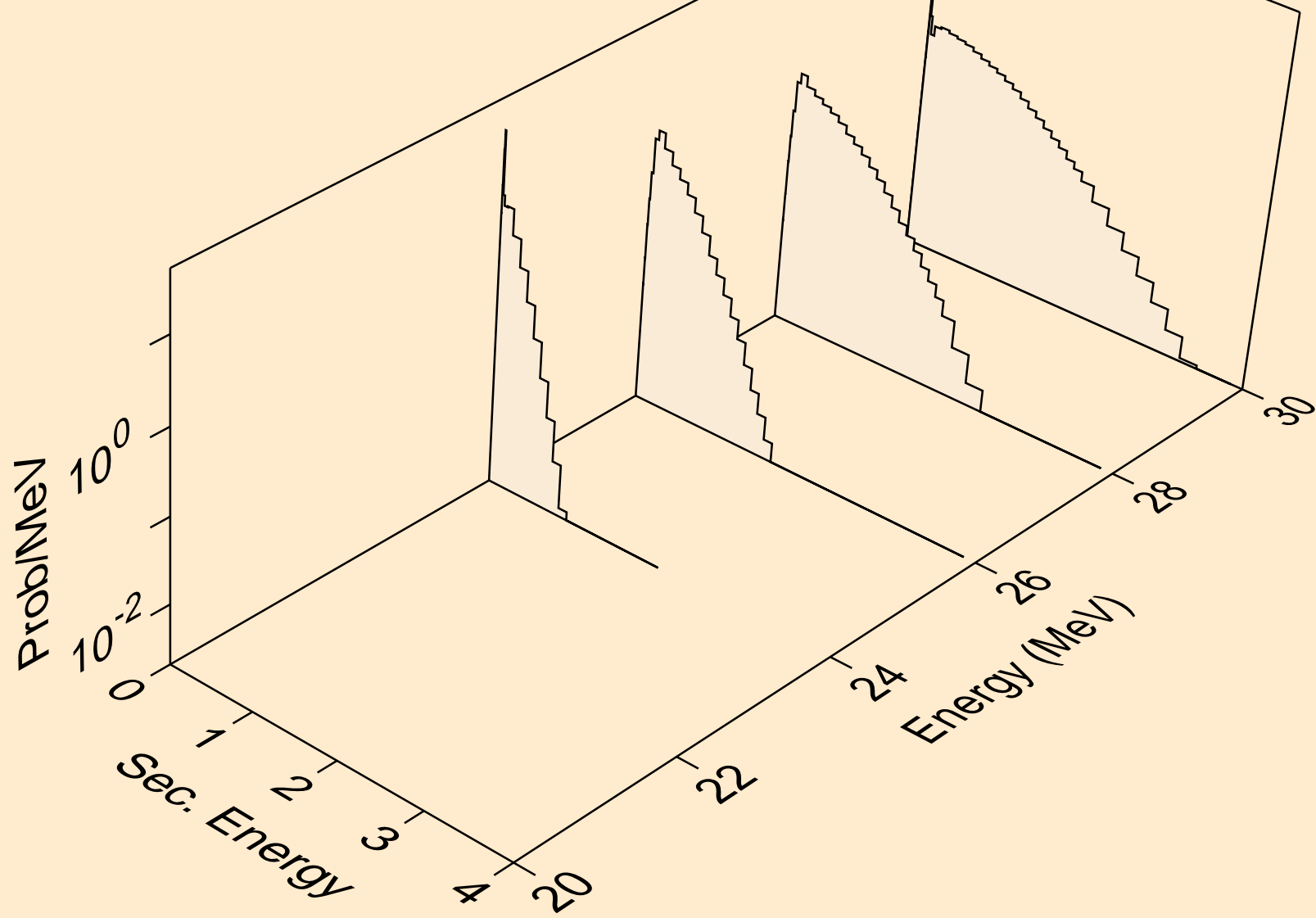
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



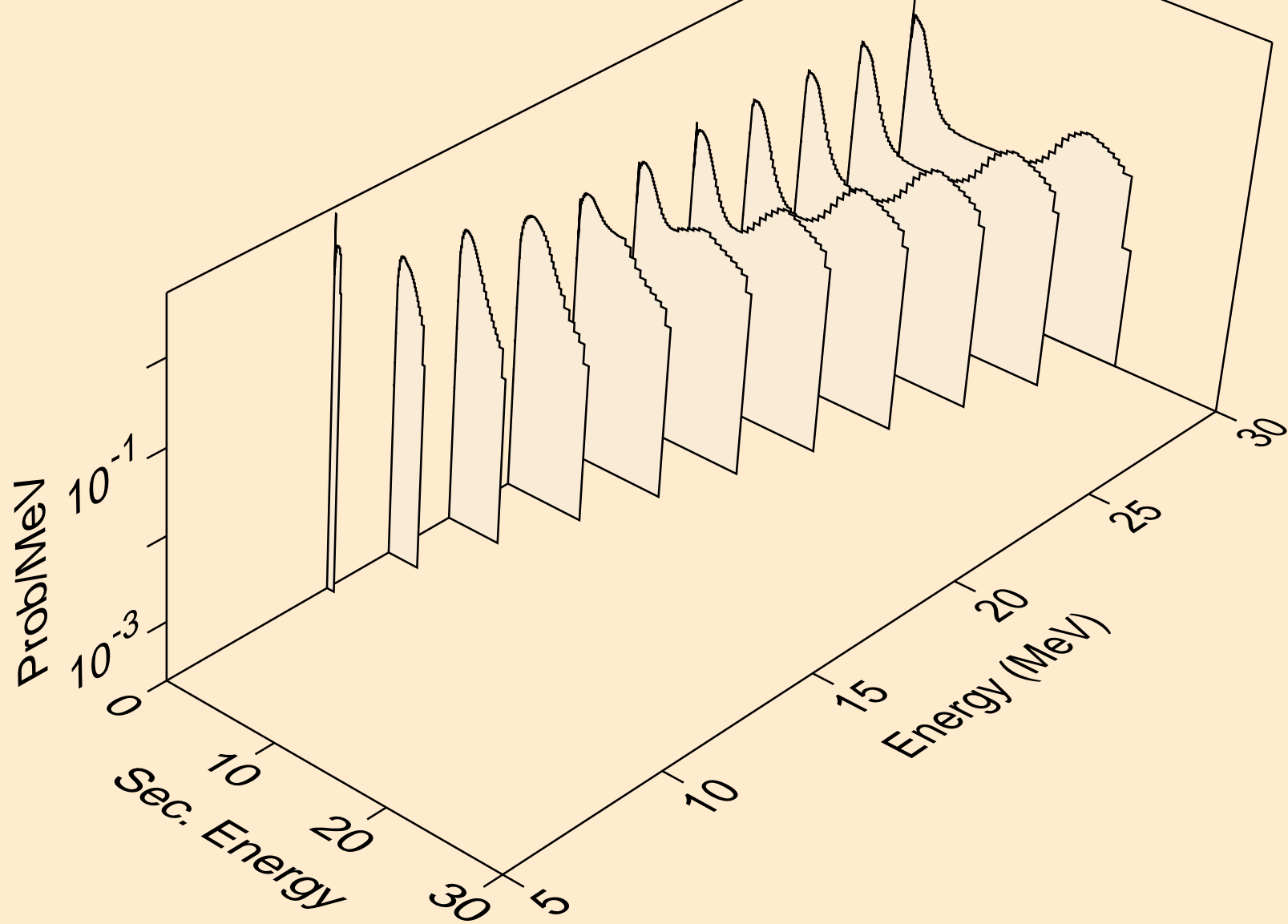
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,x)



XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,2nd)

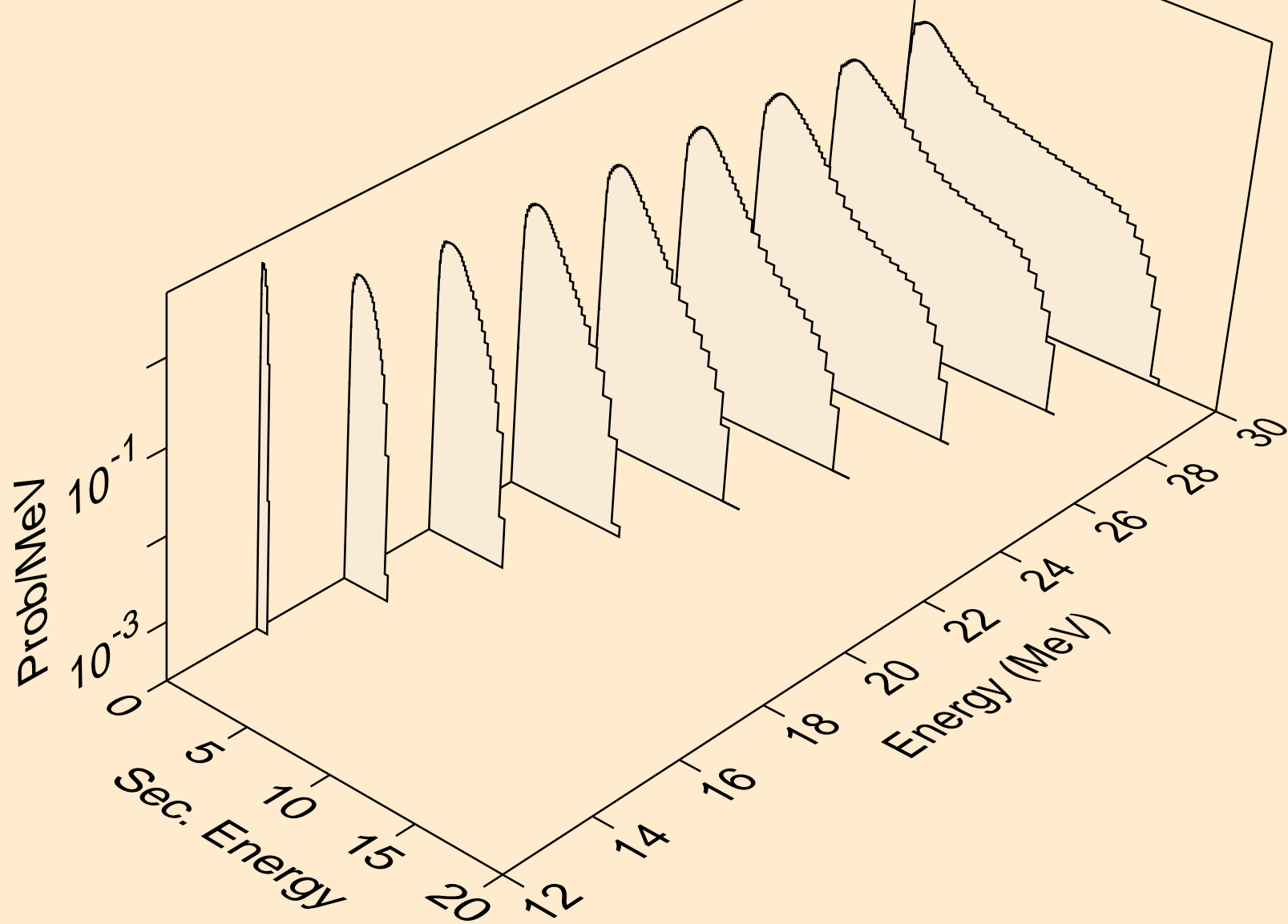


XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,2n)

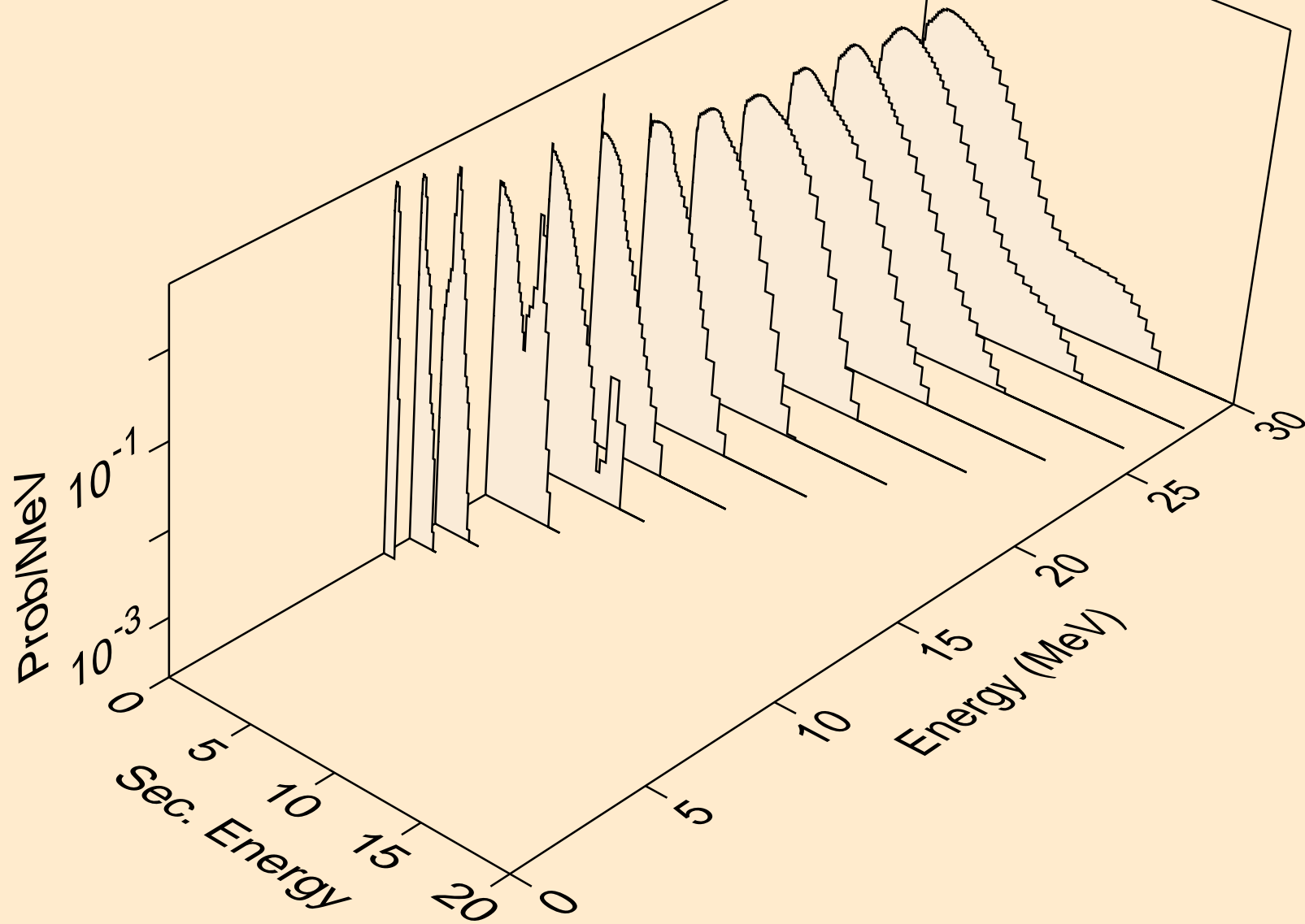




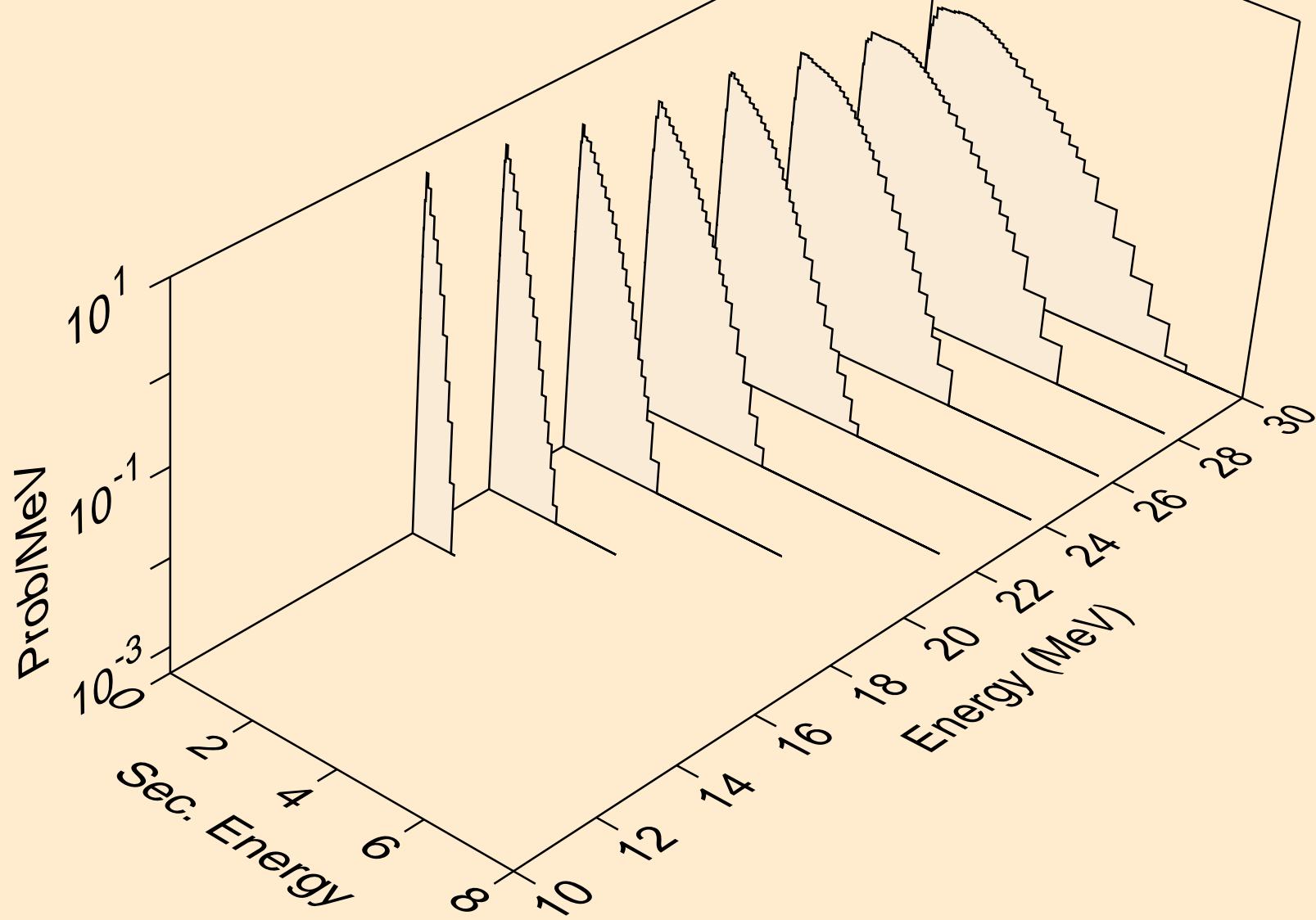
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,3n)



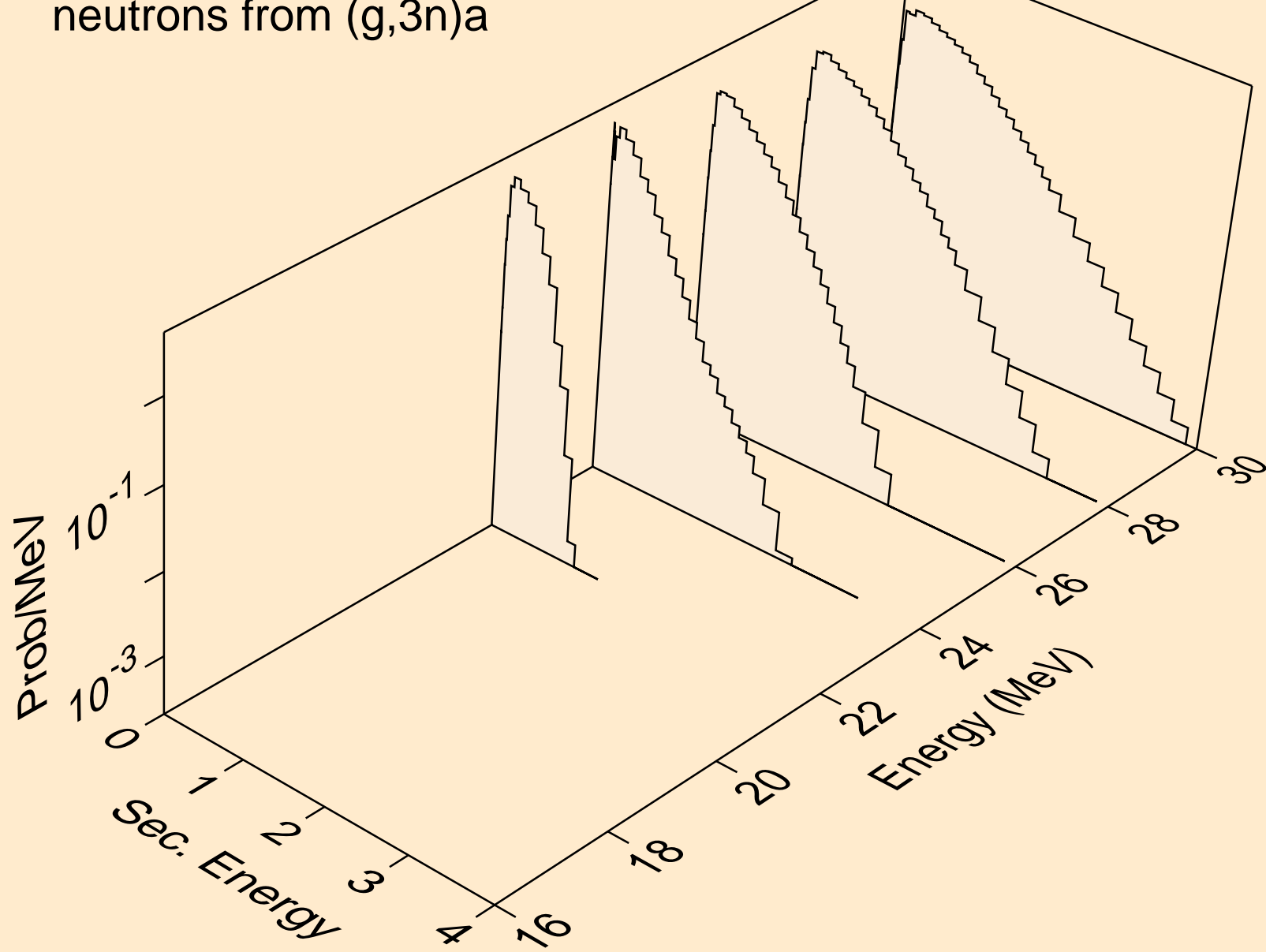
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,n\*)a



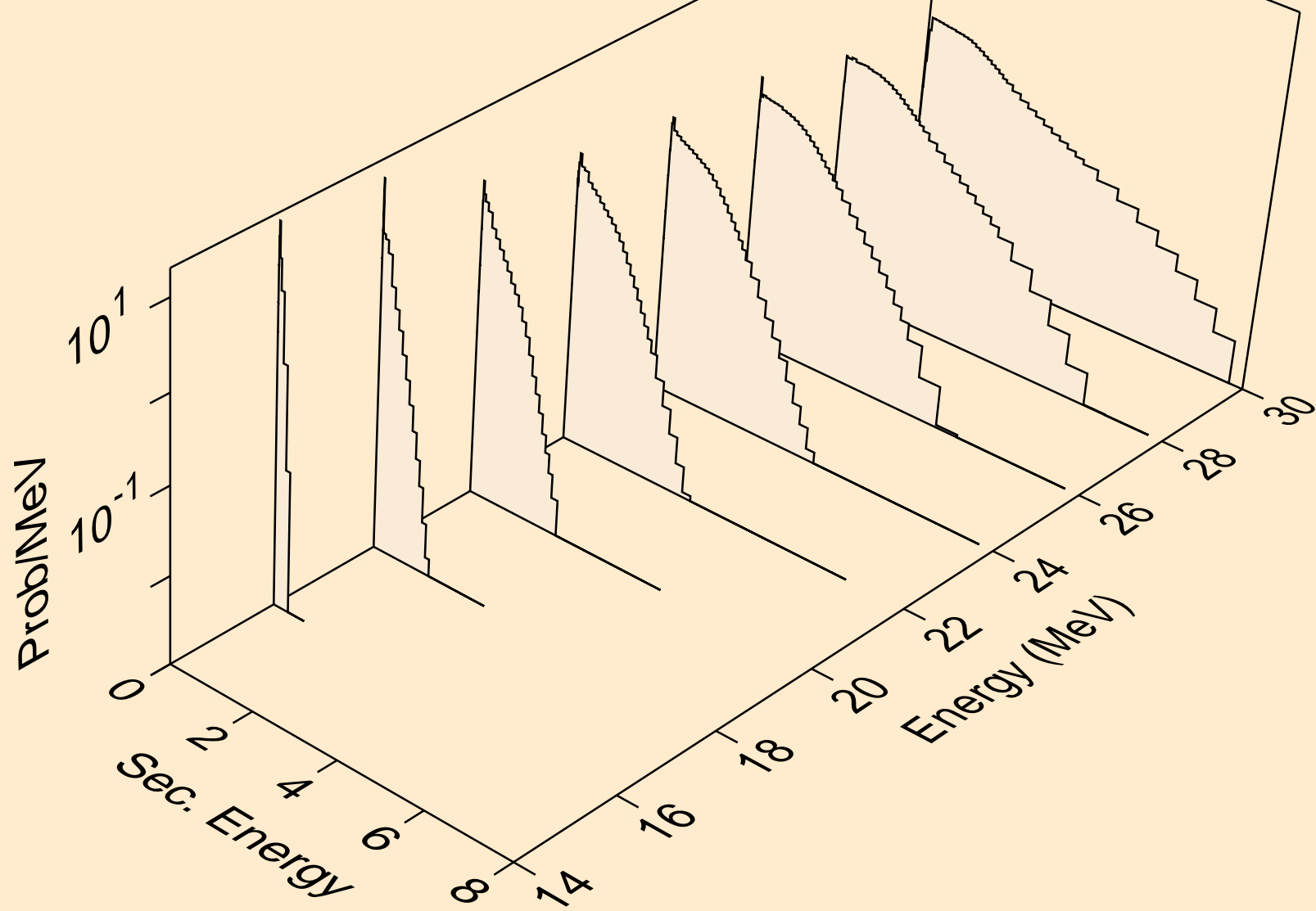
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,2n)a



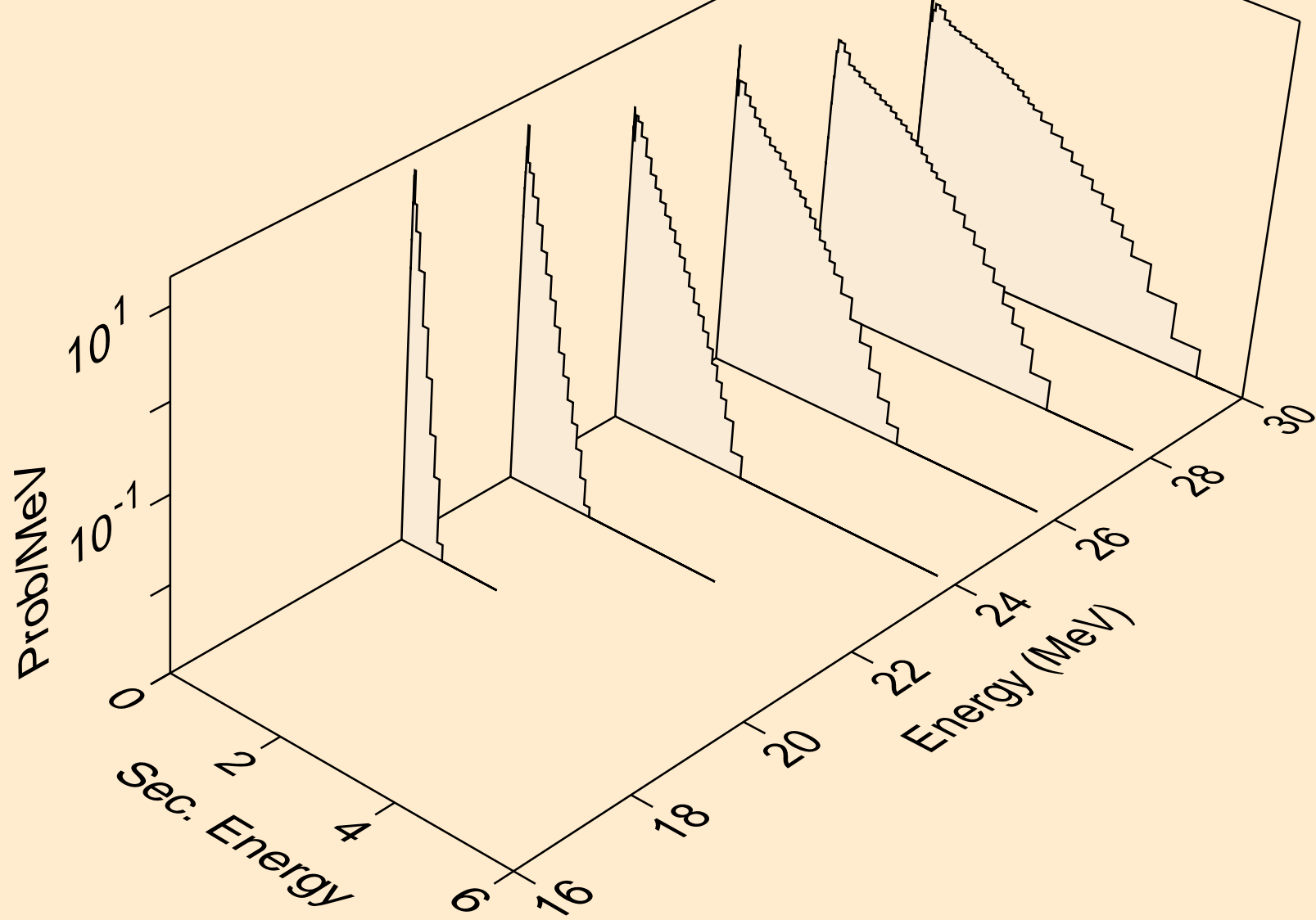
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,3n)a



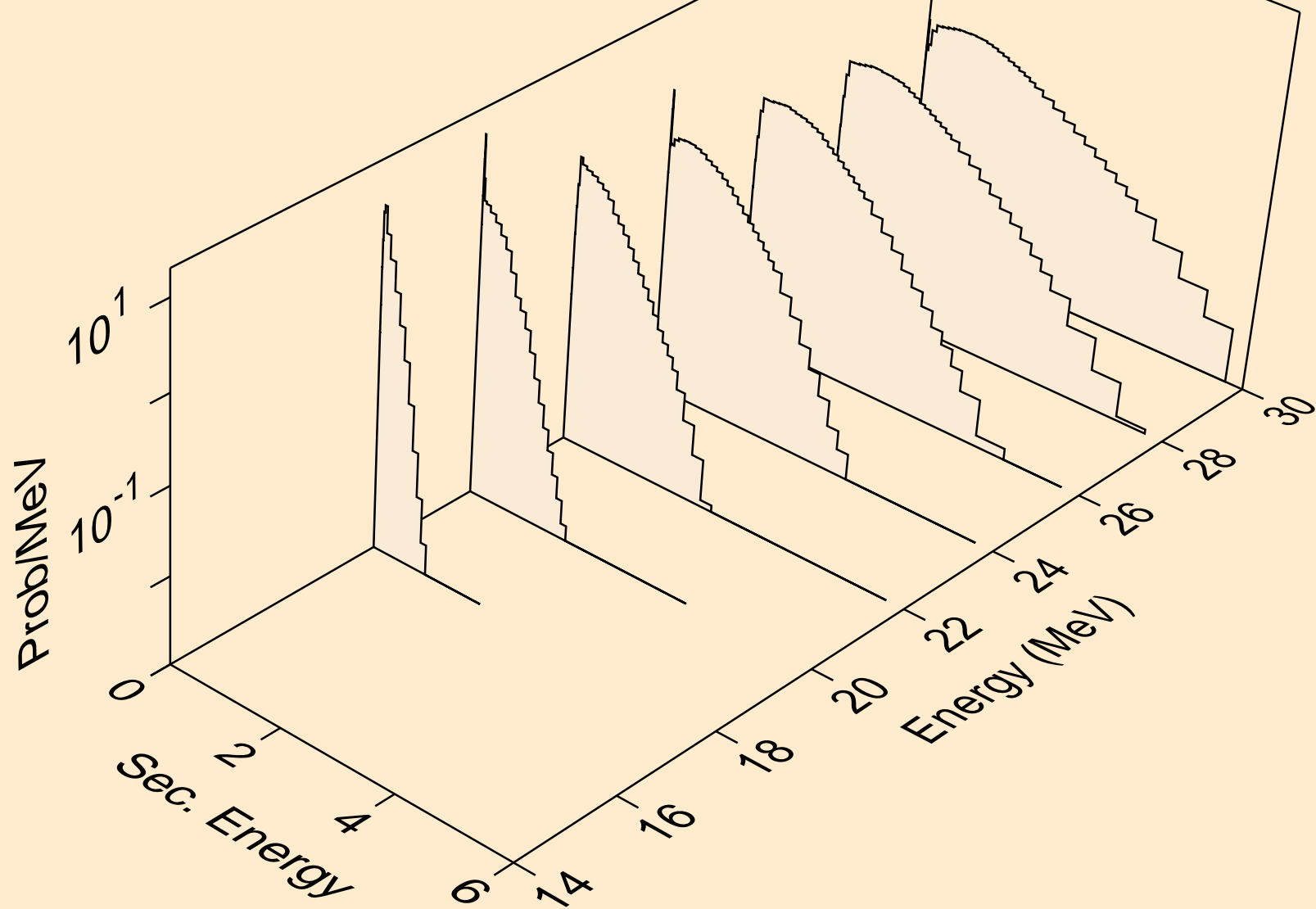
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,n\*)p



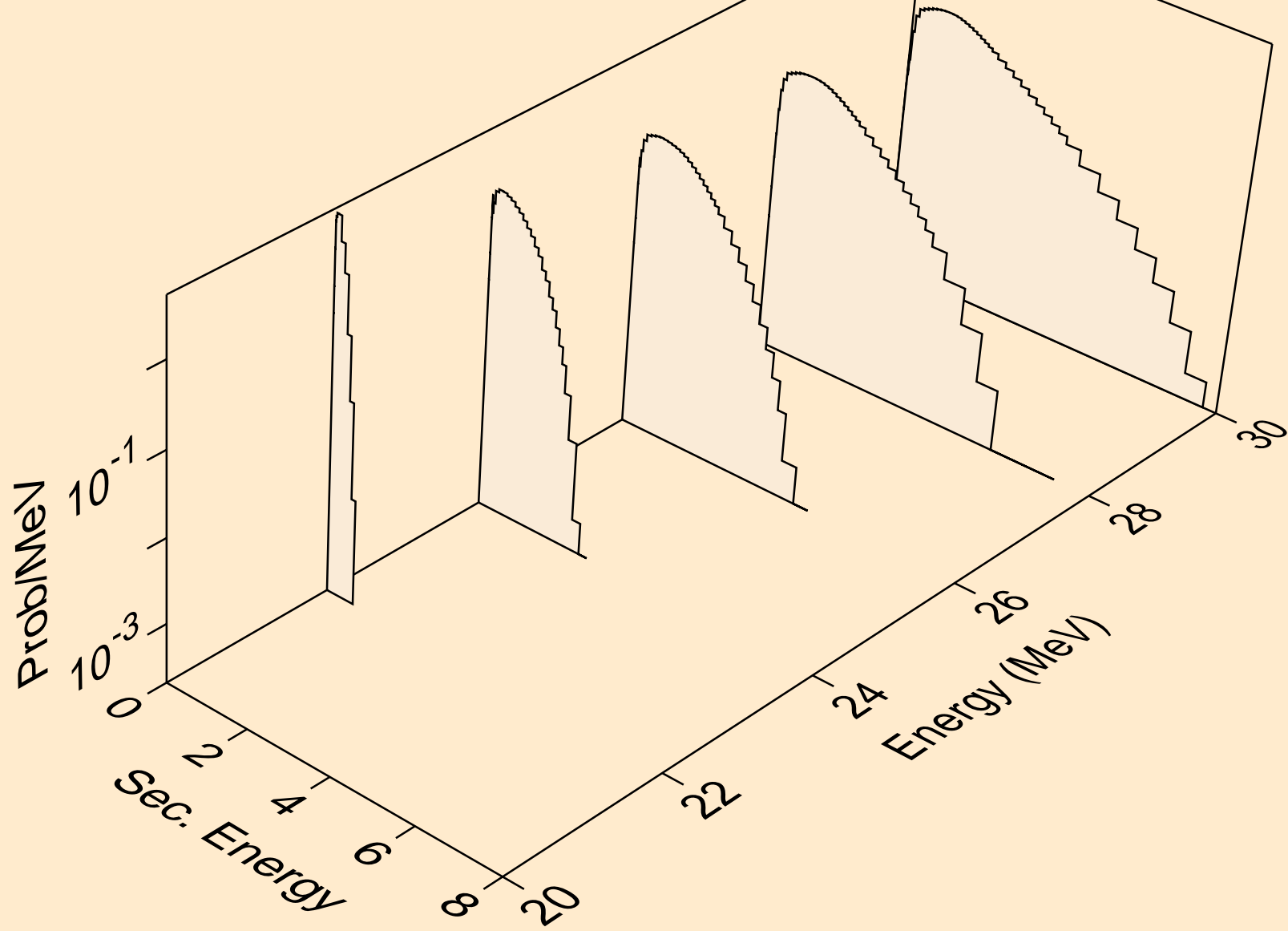
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,n\*)d



XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,n\*)t

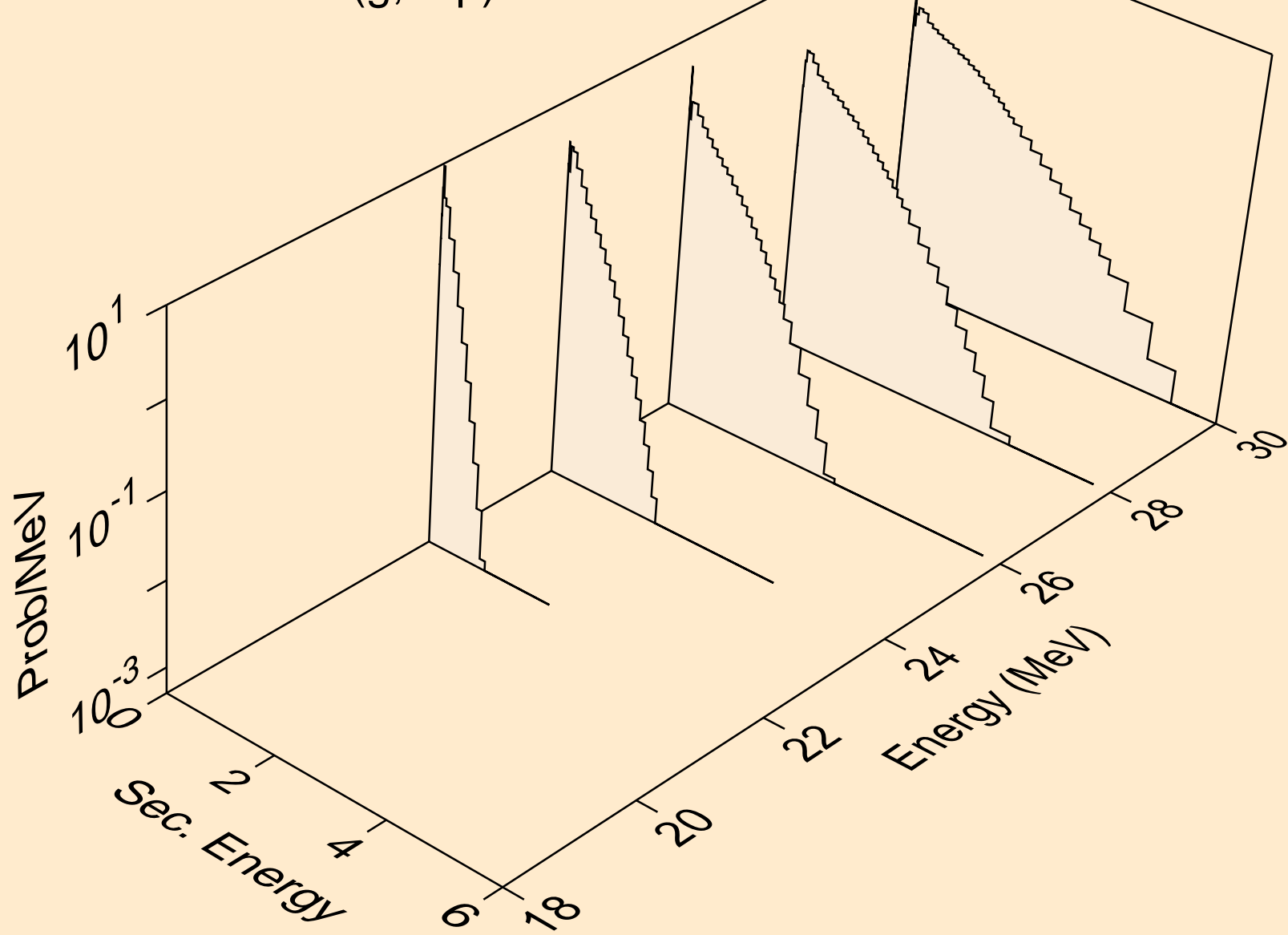


XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,4n)

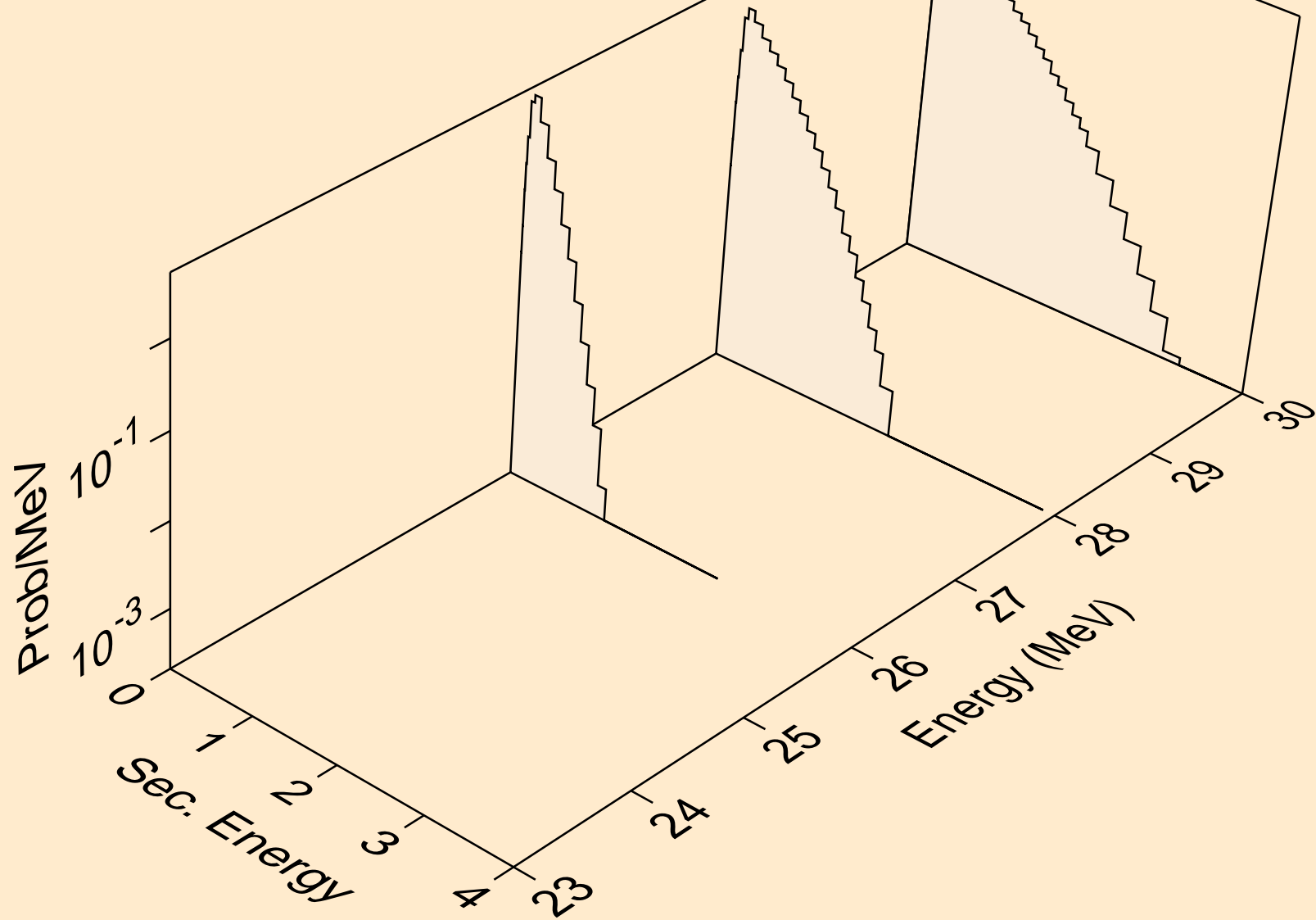




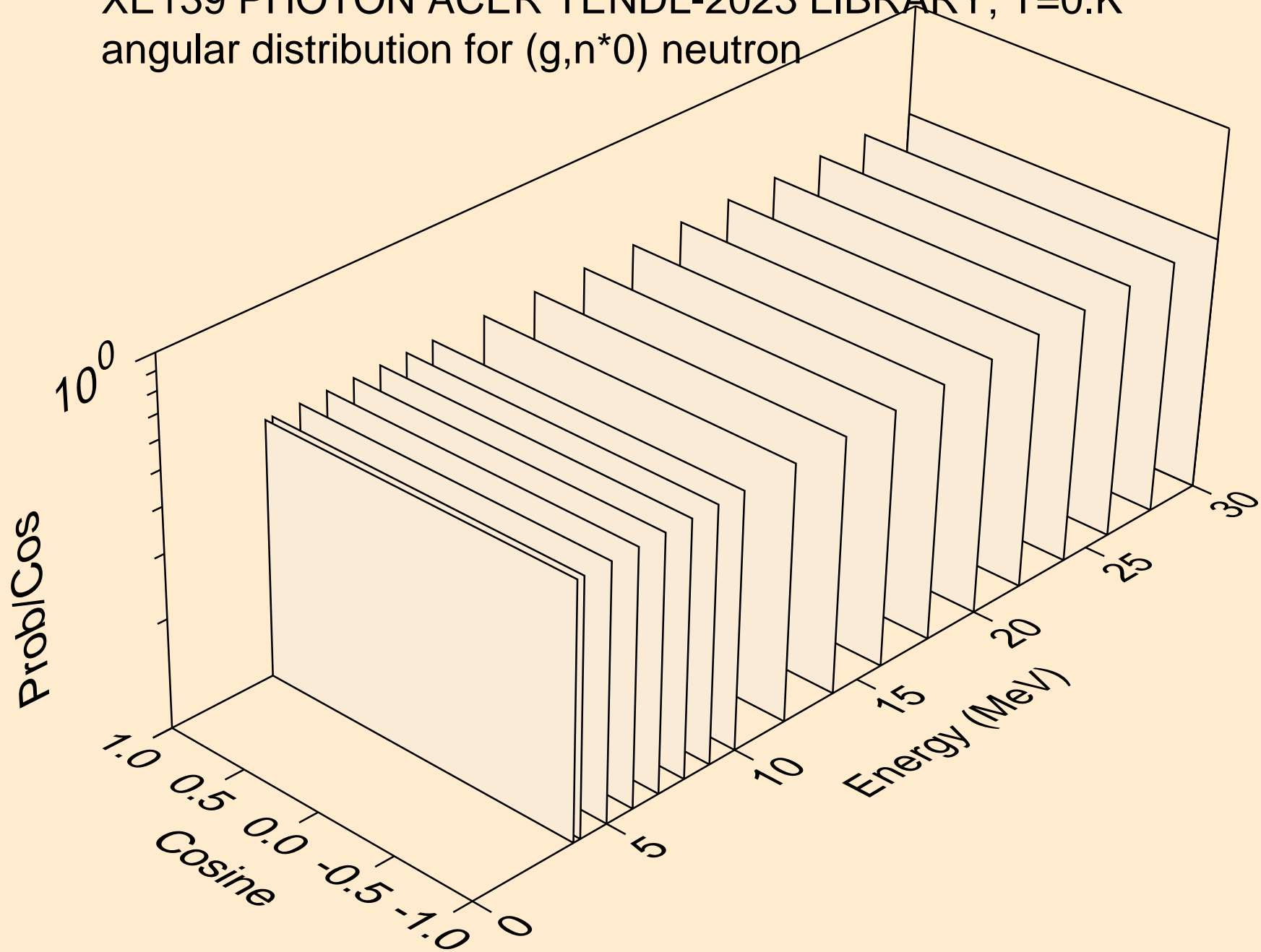
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,2np)



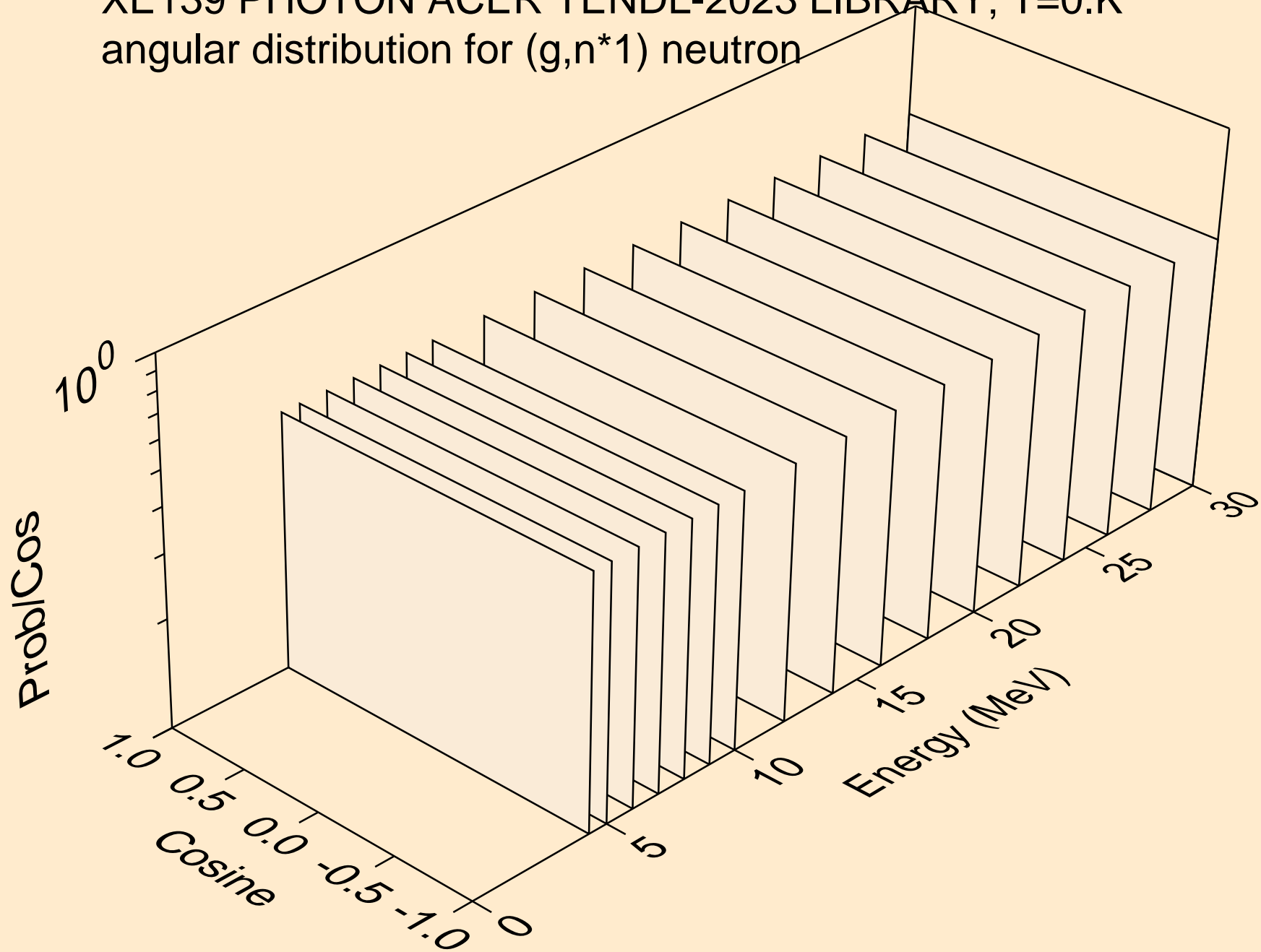
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,3np)



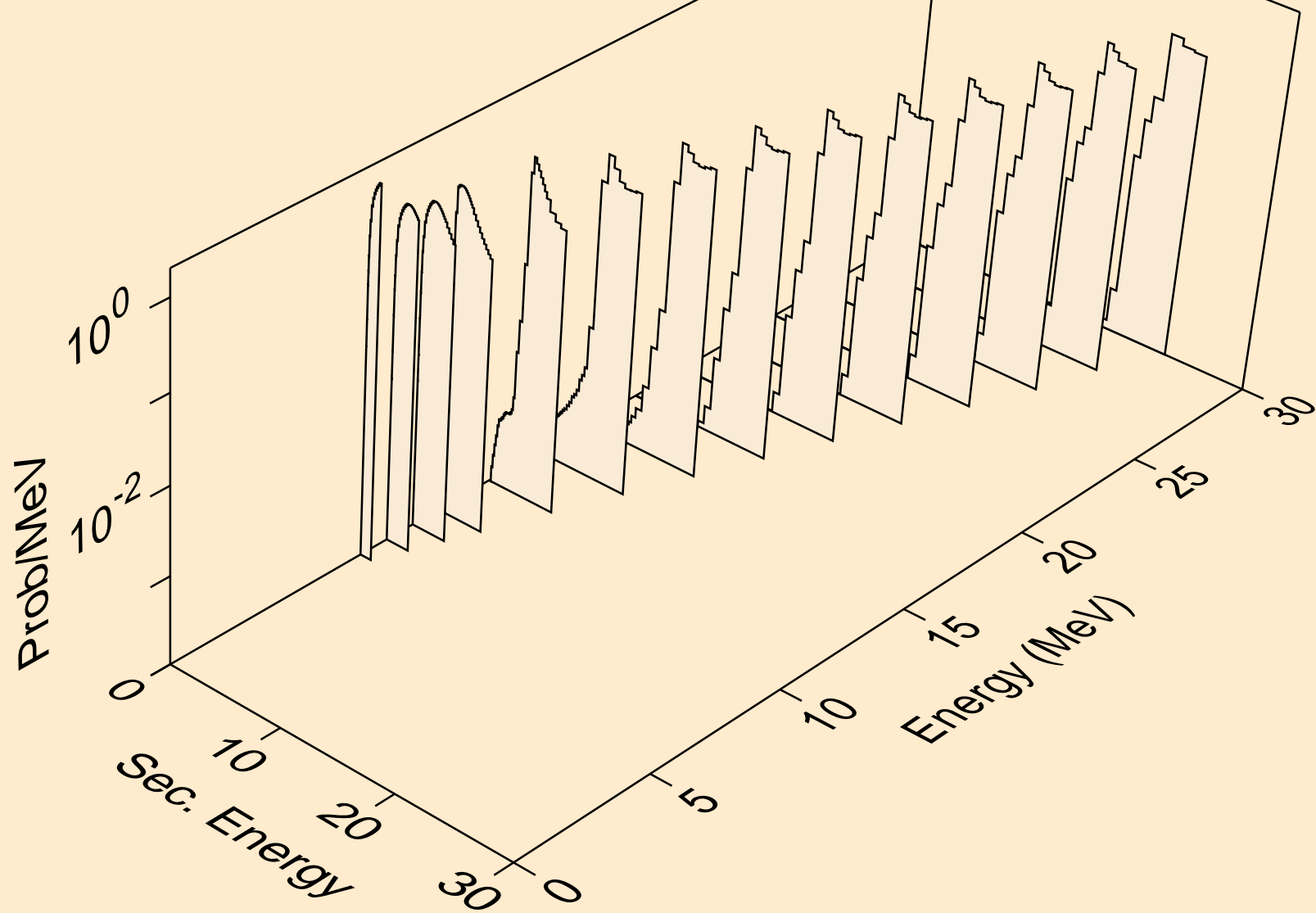
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (g,n\*0) neutron



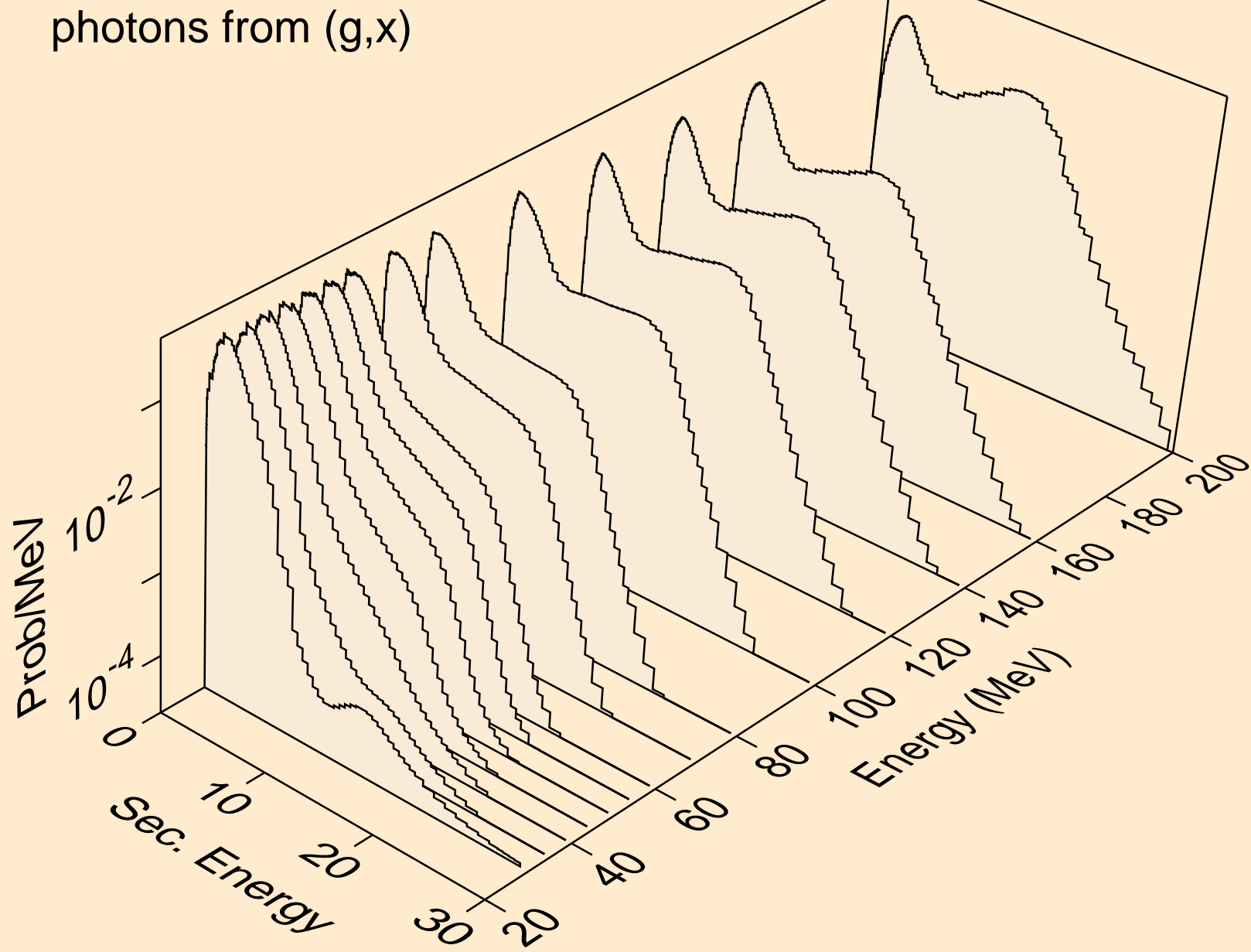
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (g,n\*1) neutron



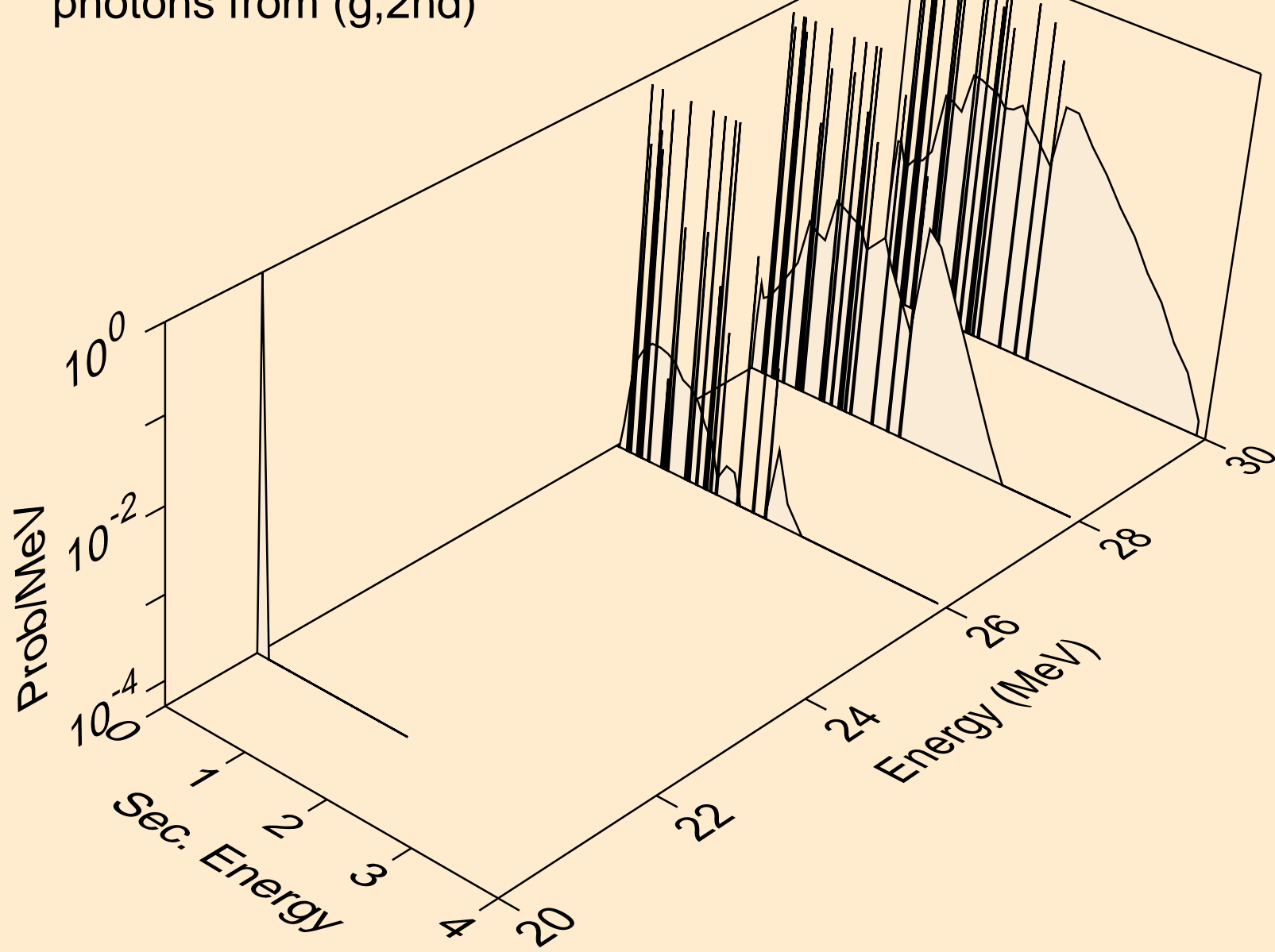
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (g,n\*c)



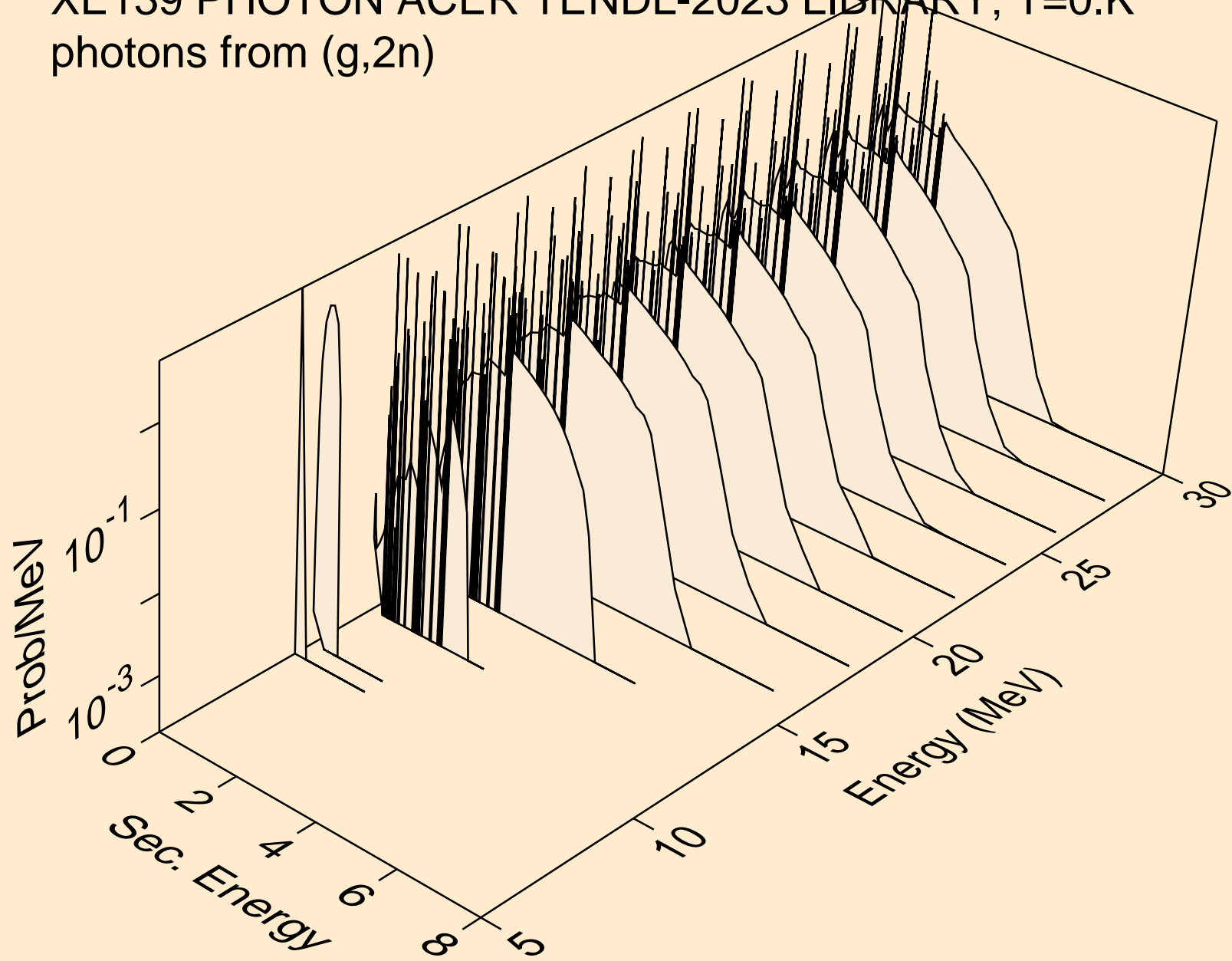
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,x)



XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,2nd)

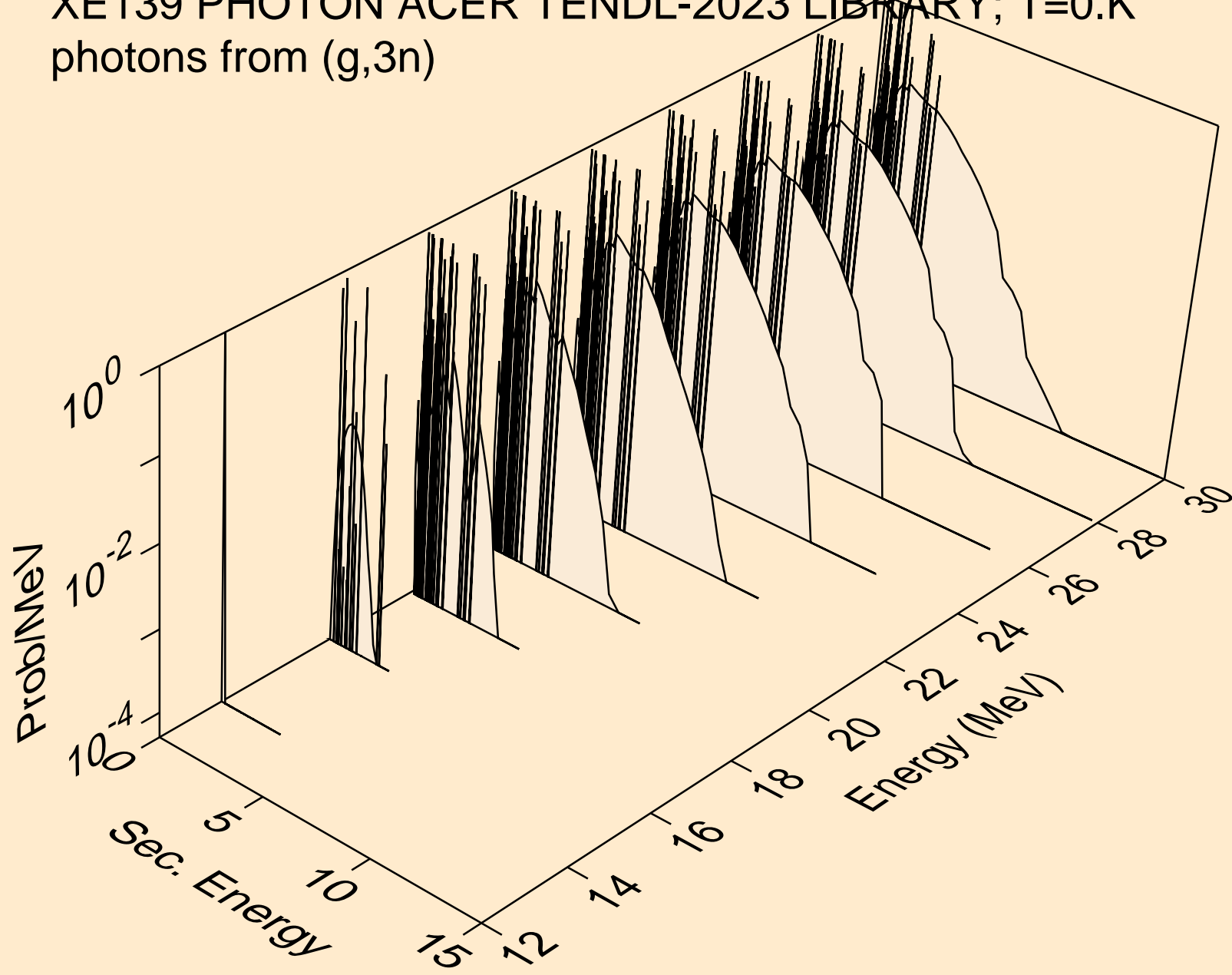


XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,2n)

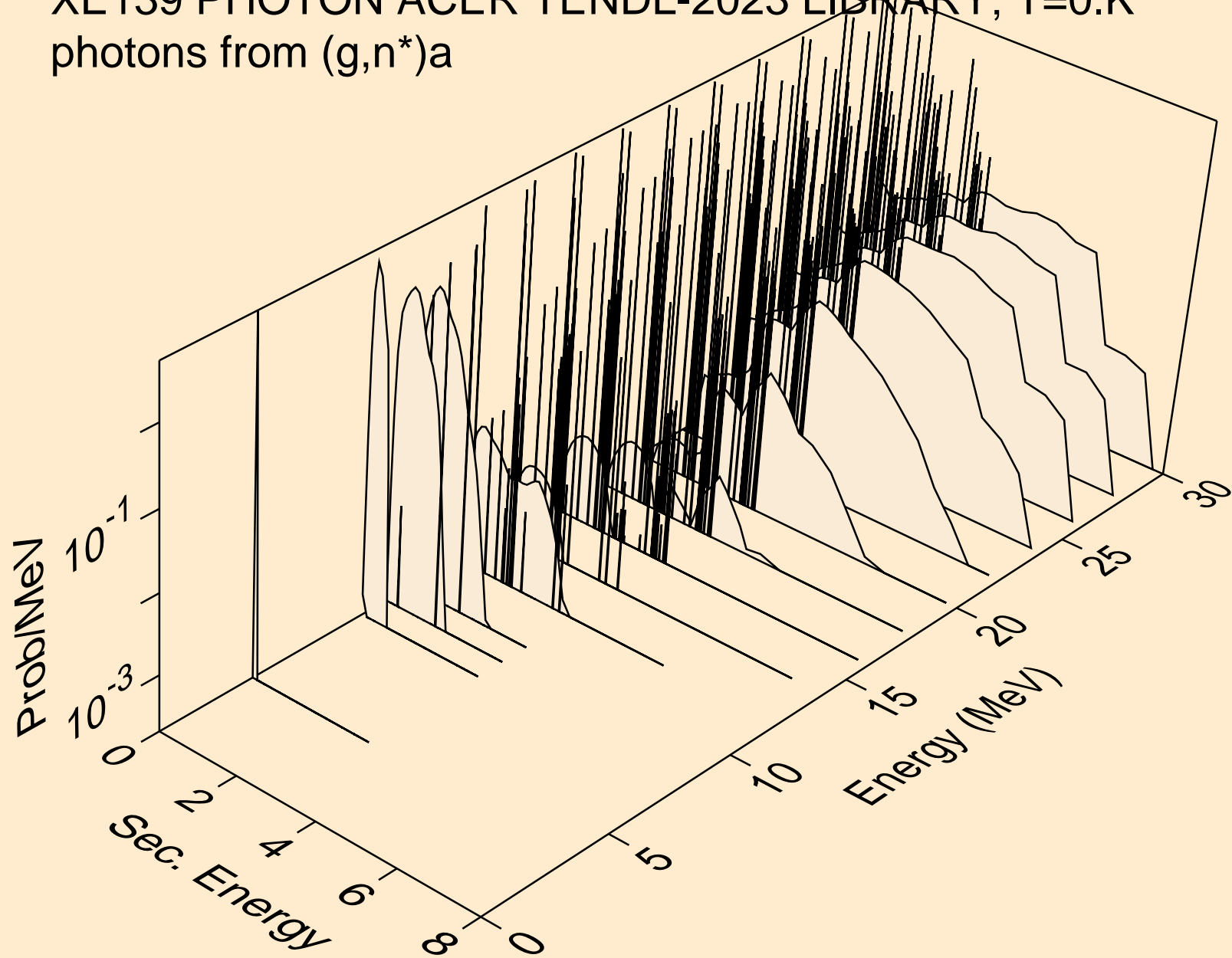




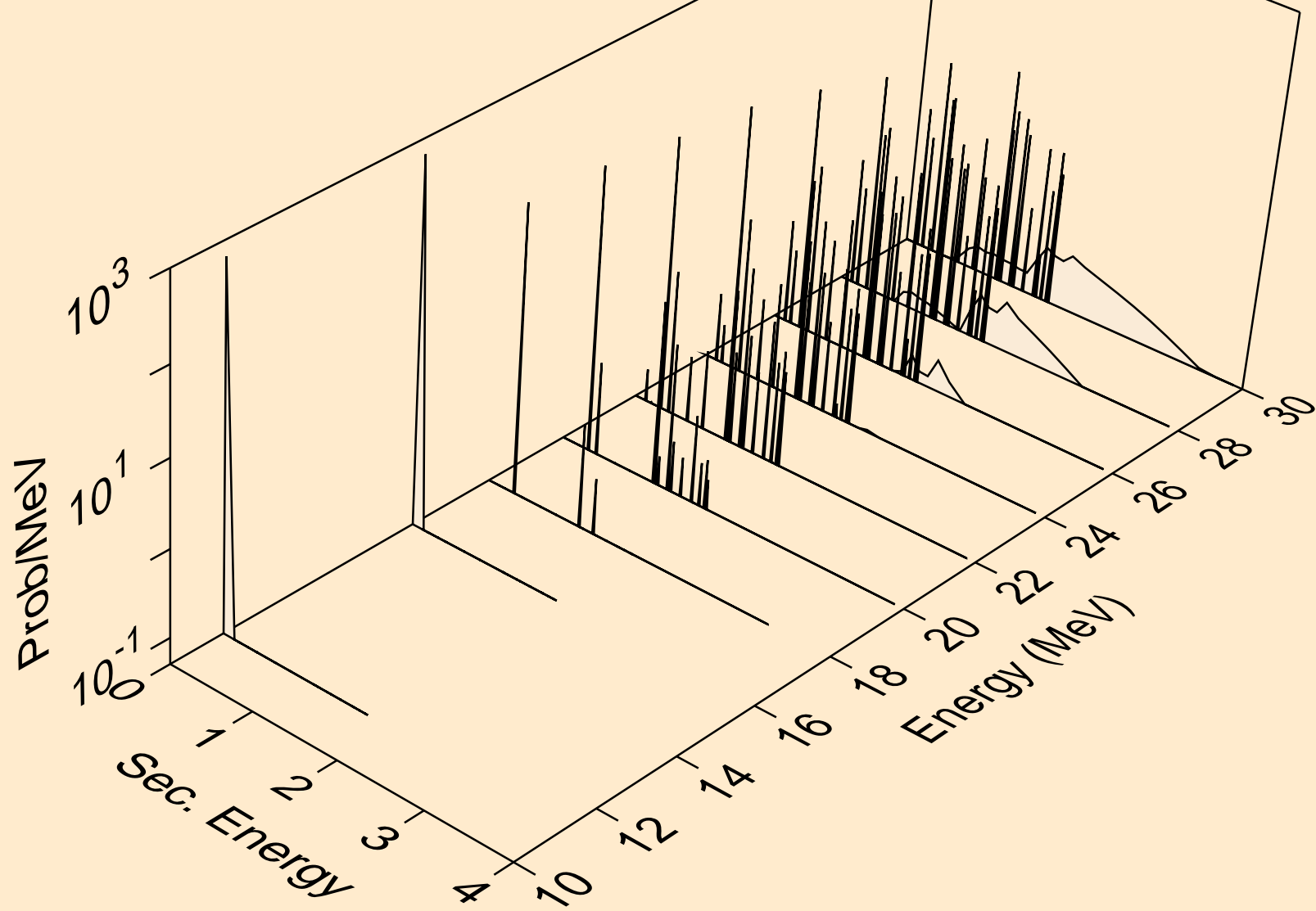
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,3n)



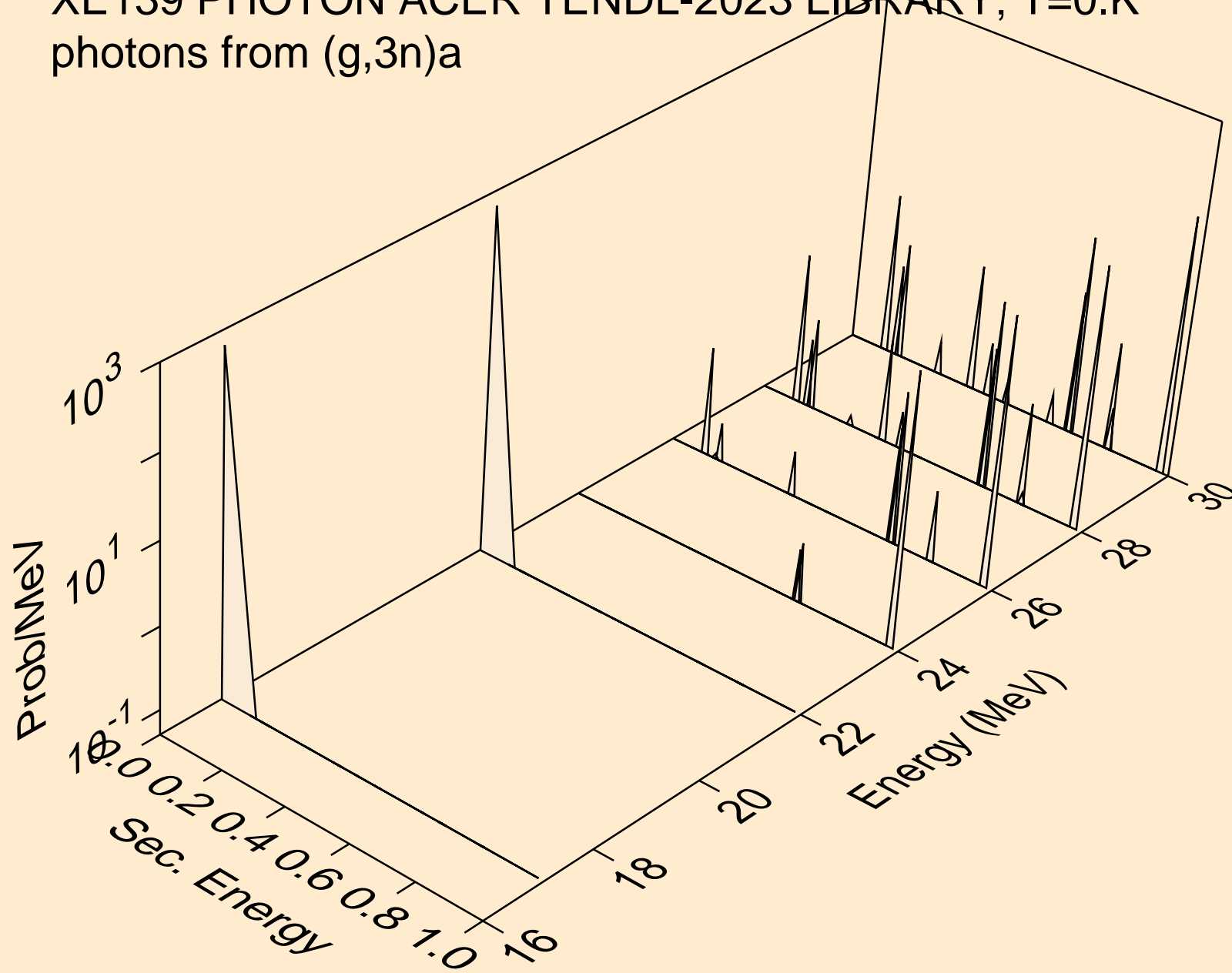
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,n\*)a



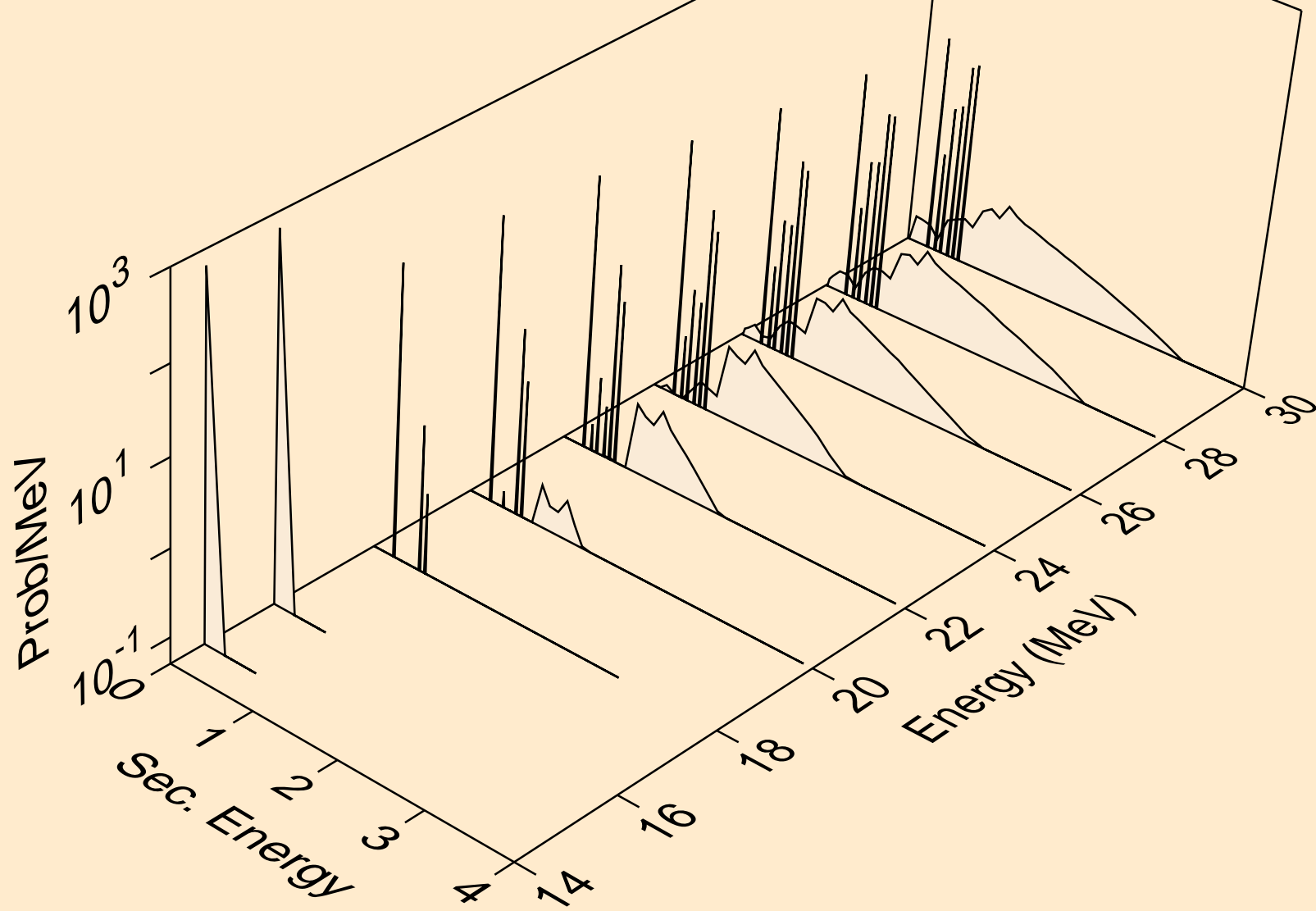
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,2n)a



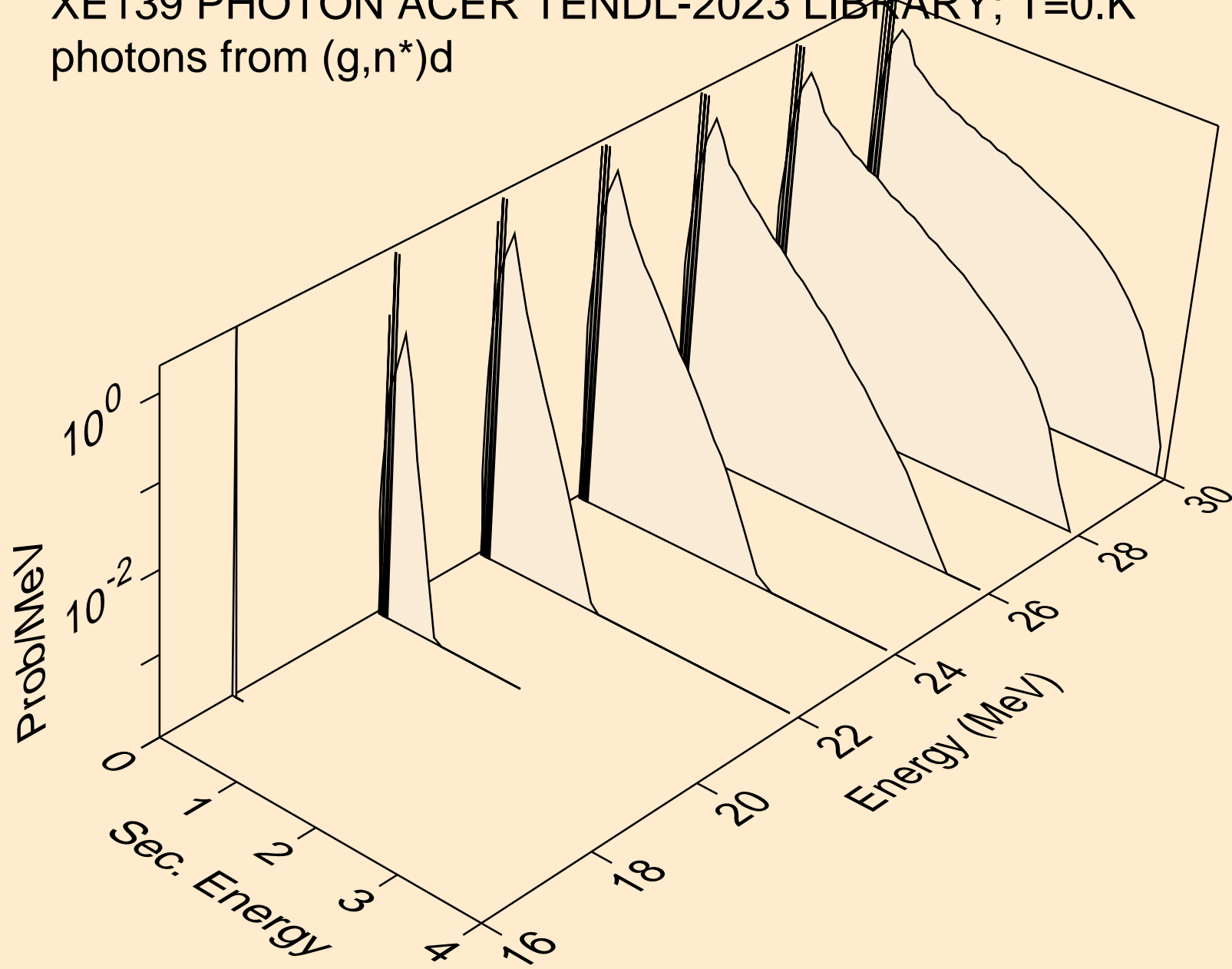
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,3n)a



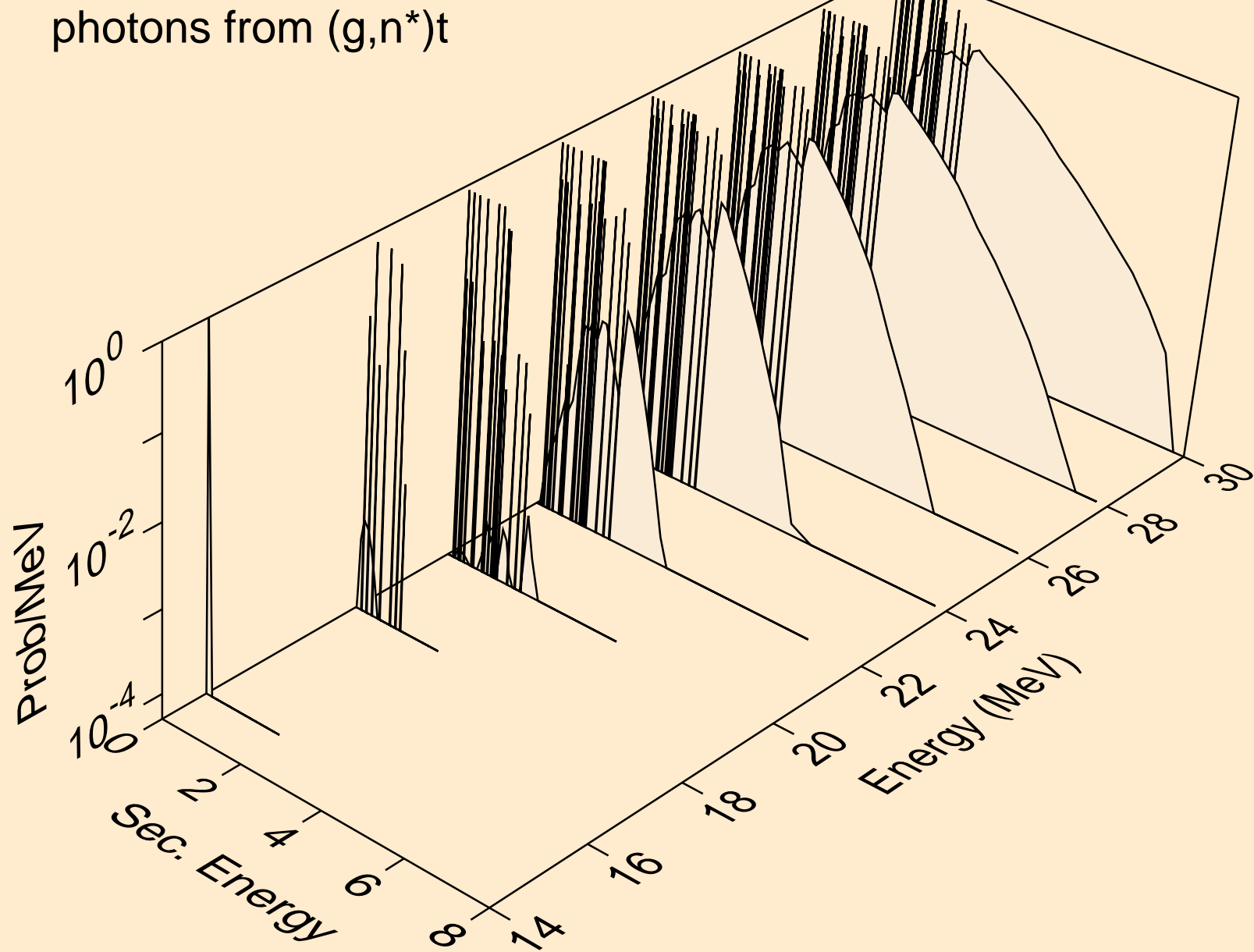
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,n\*)p



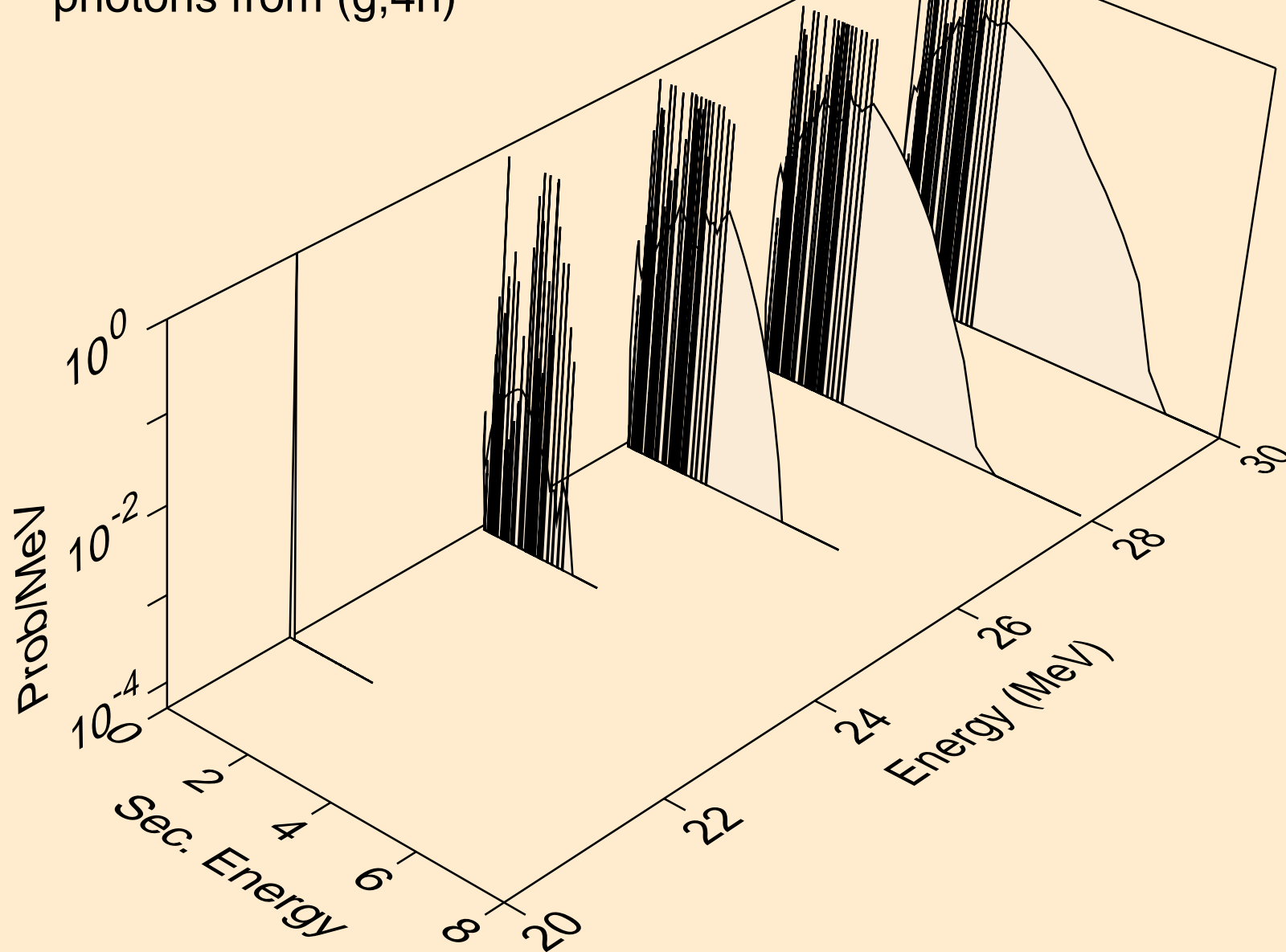
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,n\*)d



XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,n\*)t

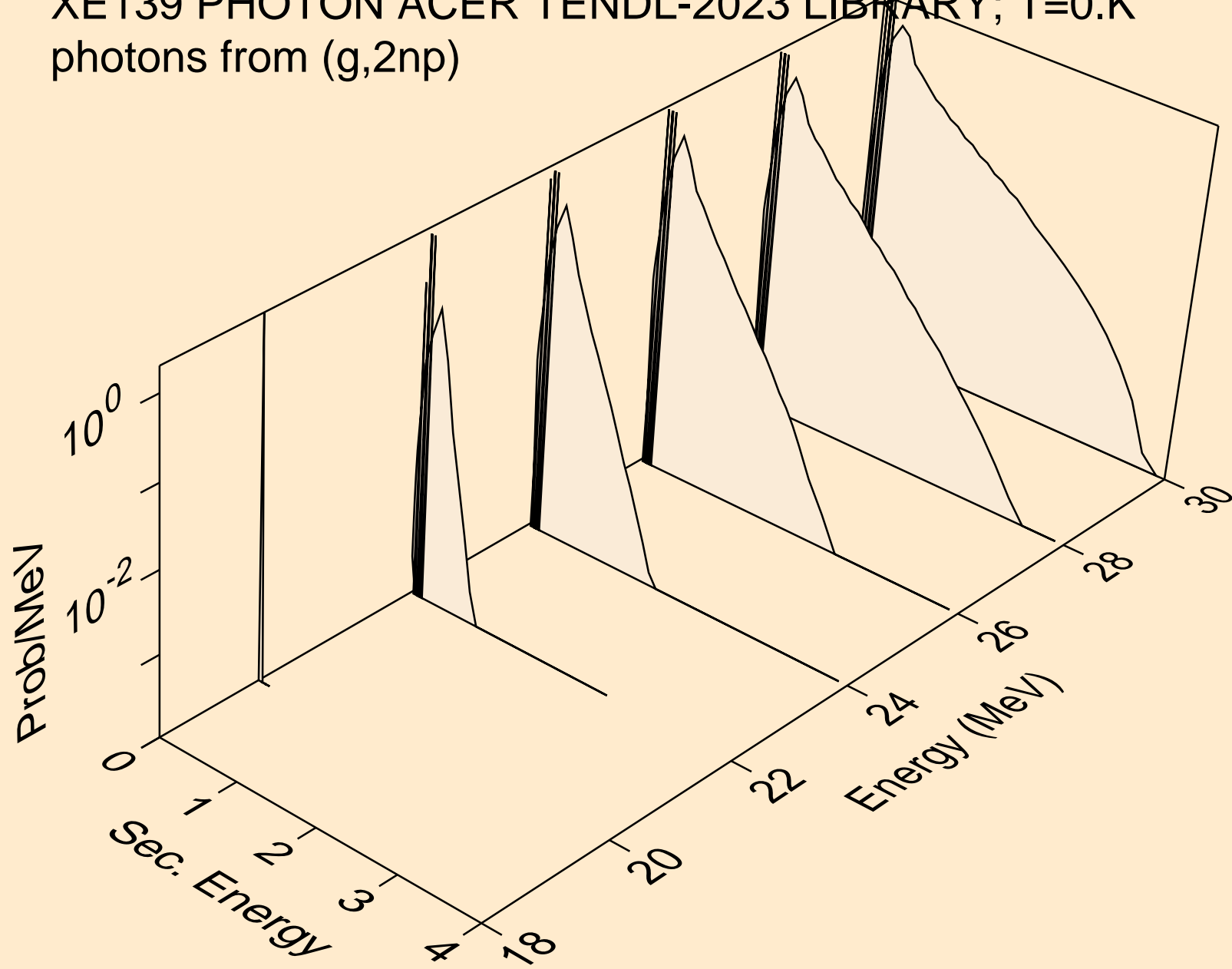


XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,4n)

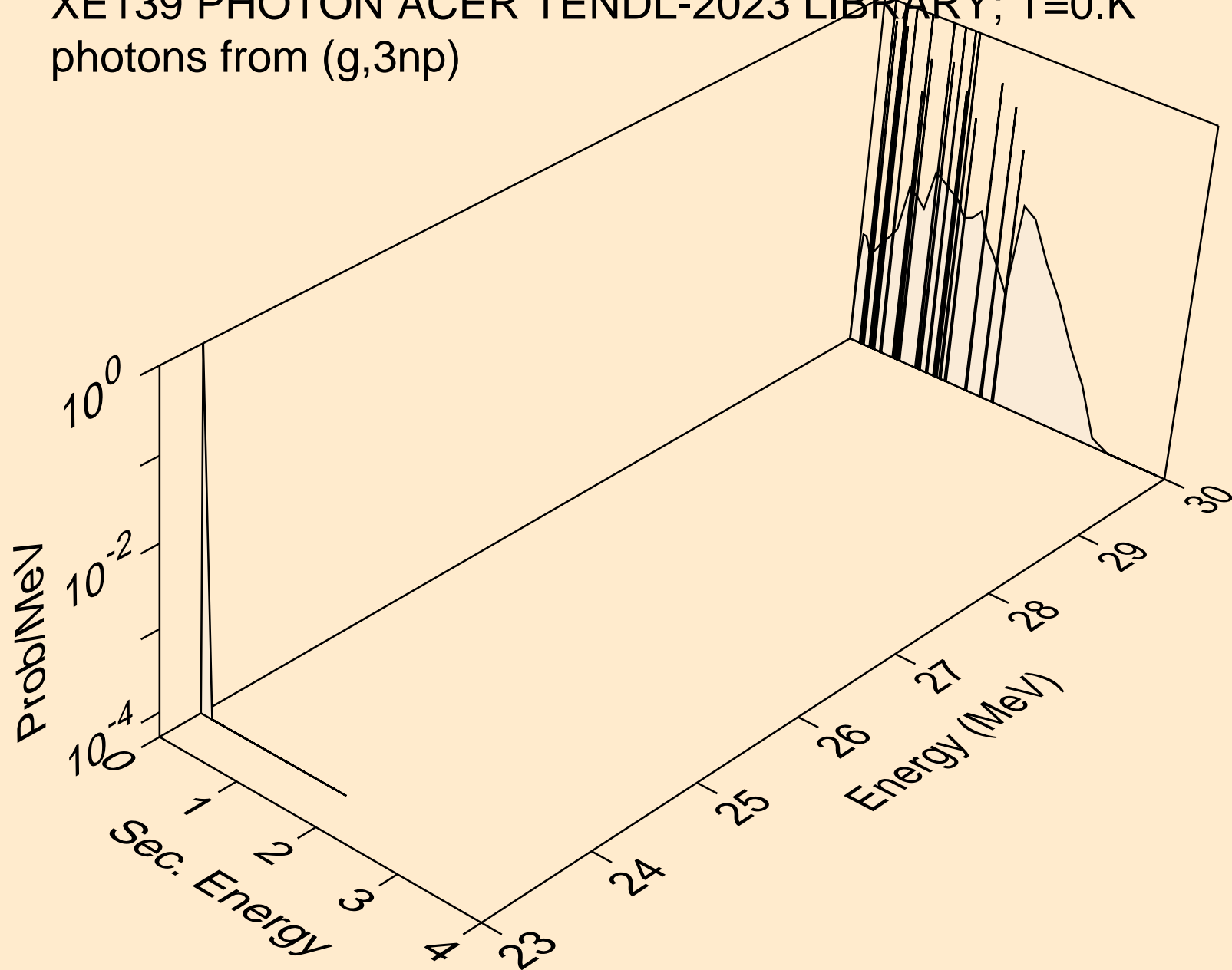




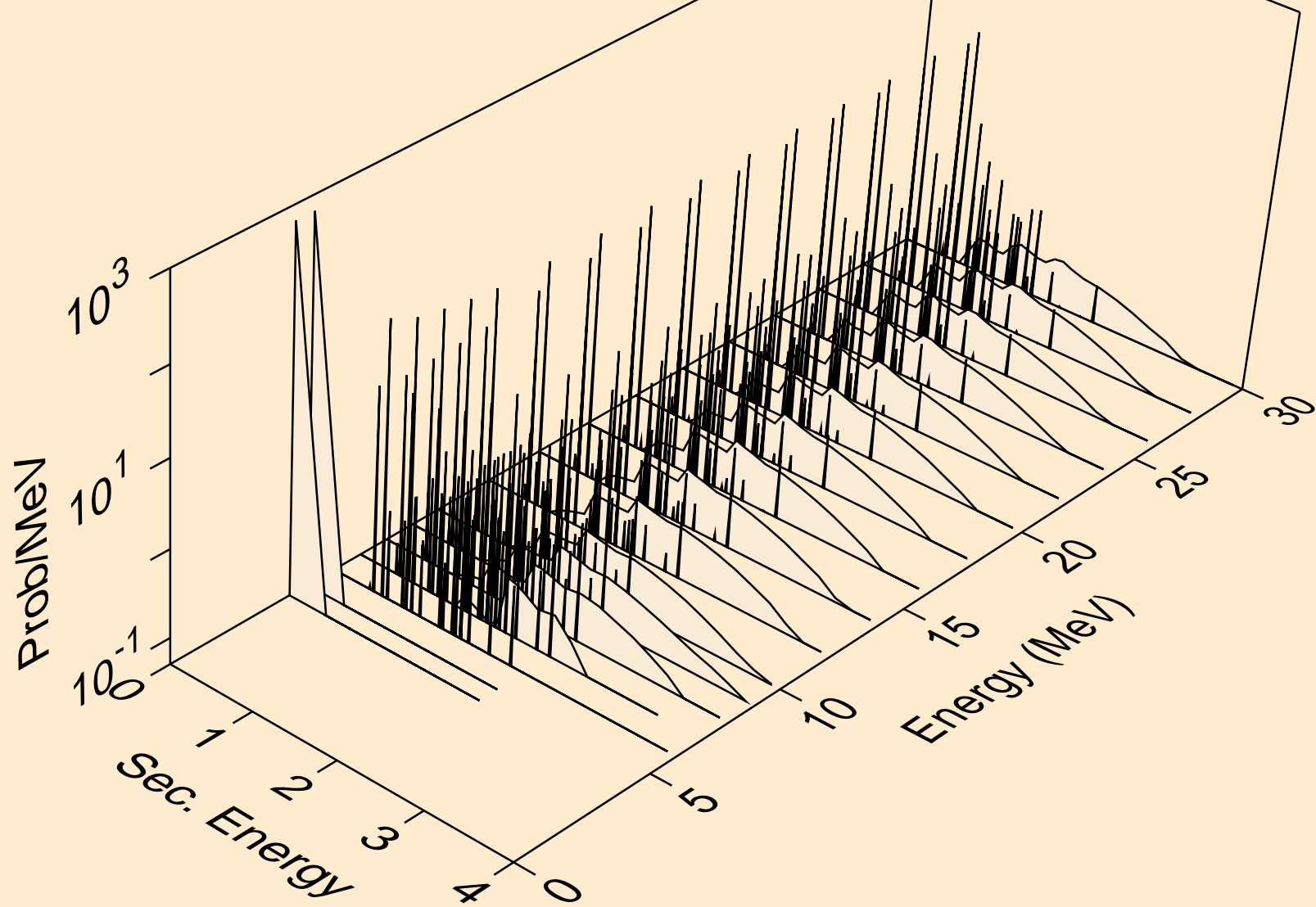
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,2np)



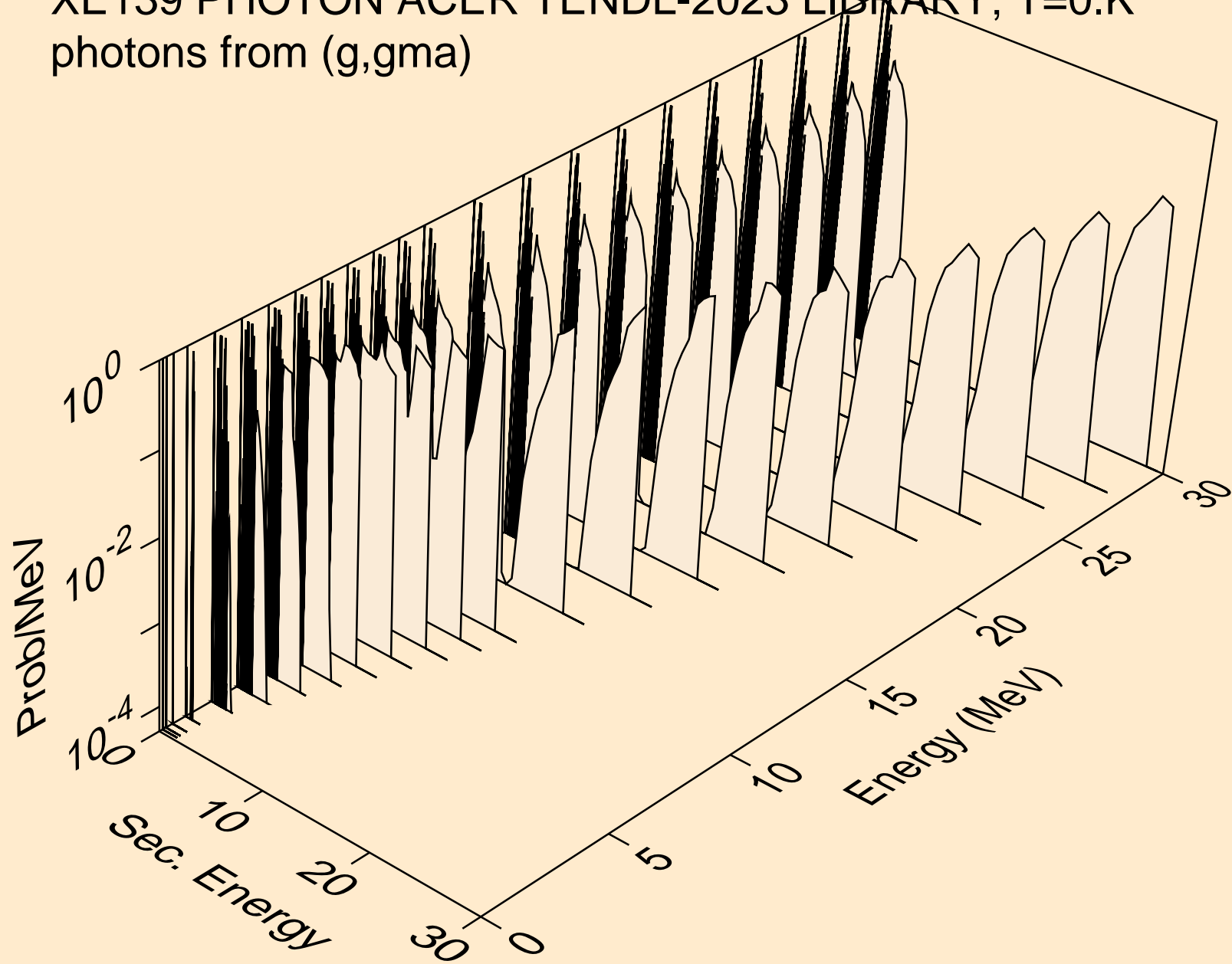
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,3np)



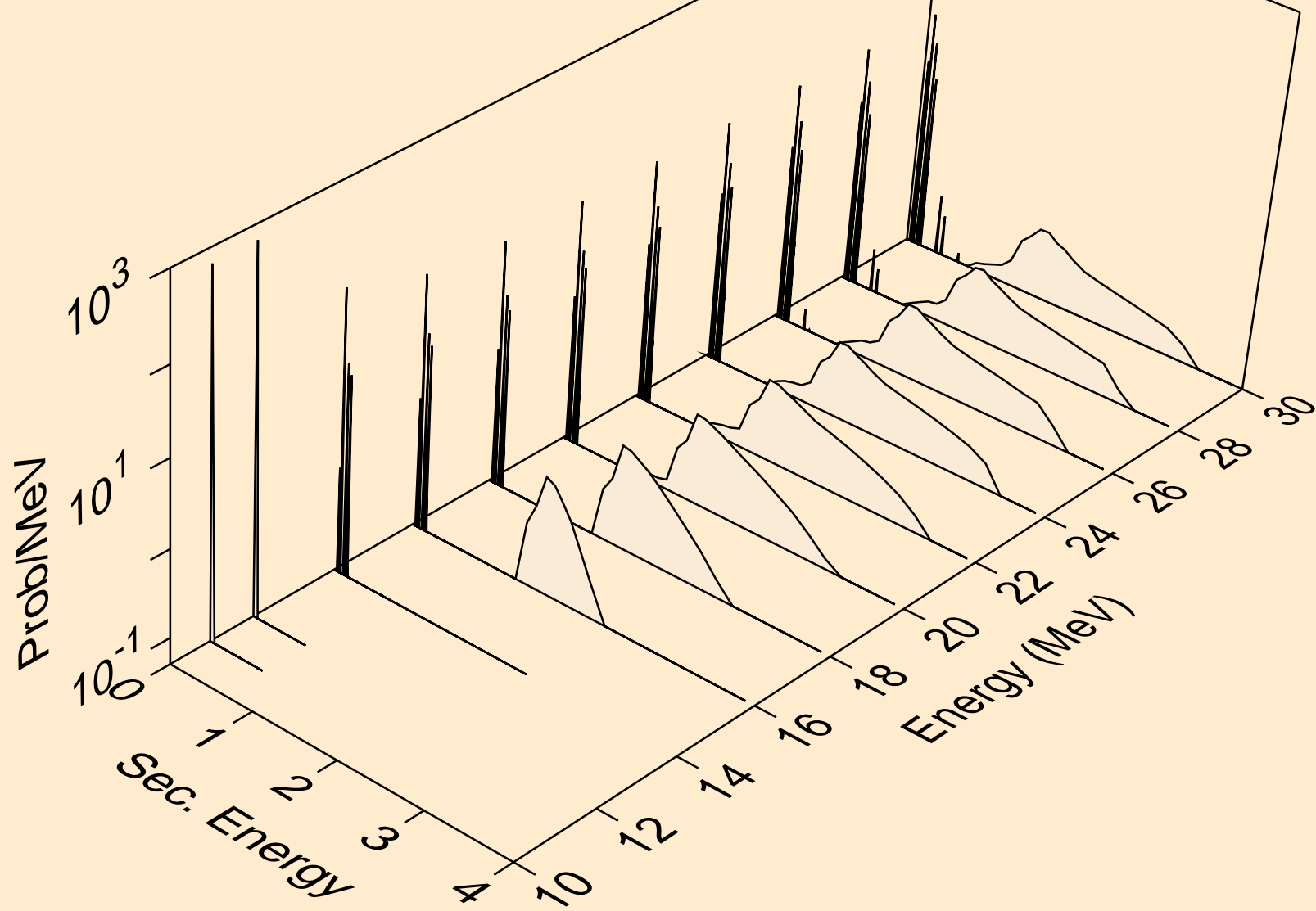
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,n\*c)



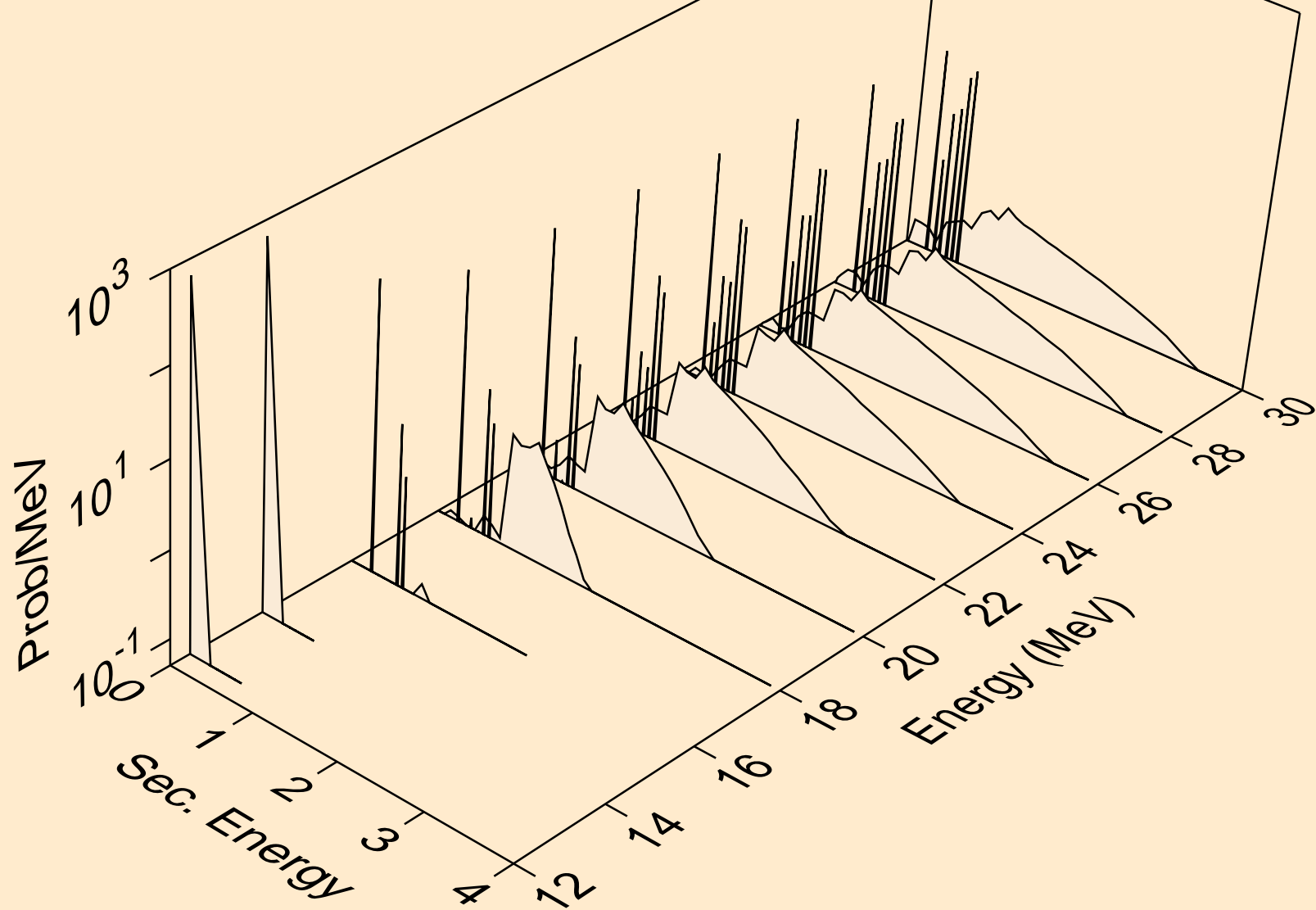
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,gma)



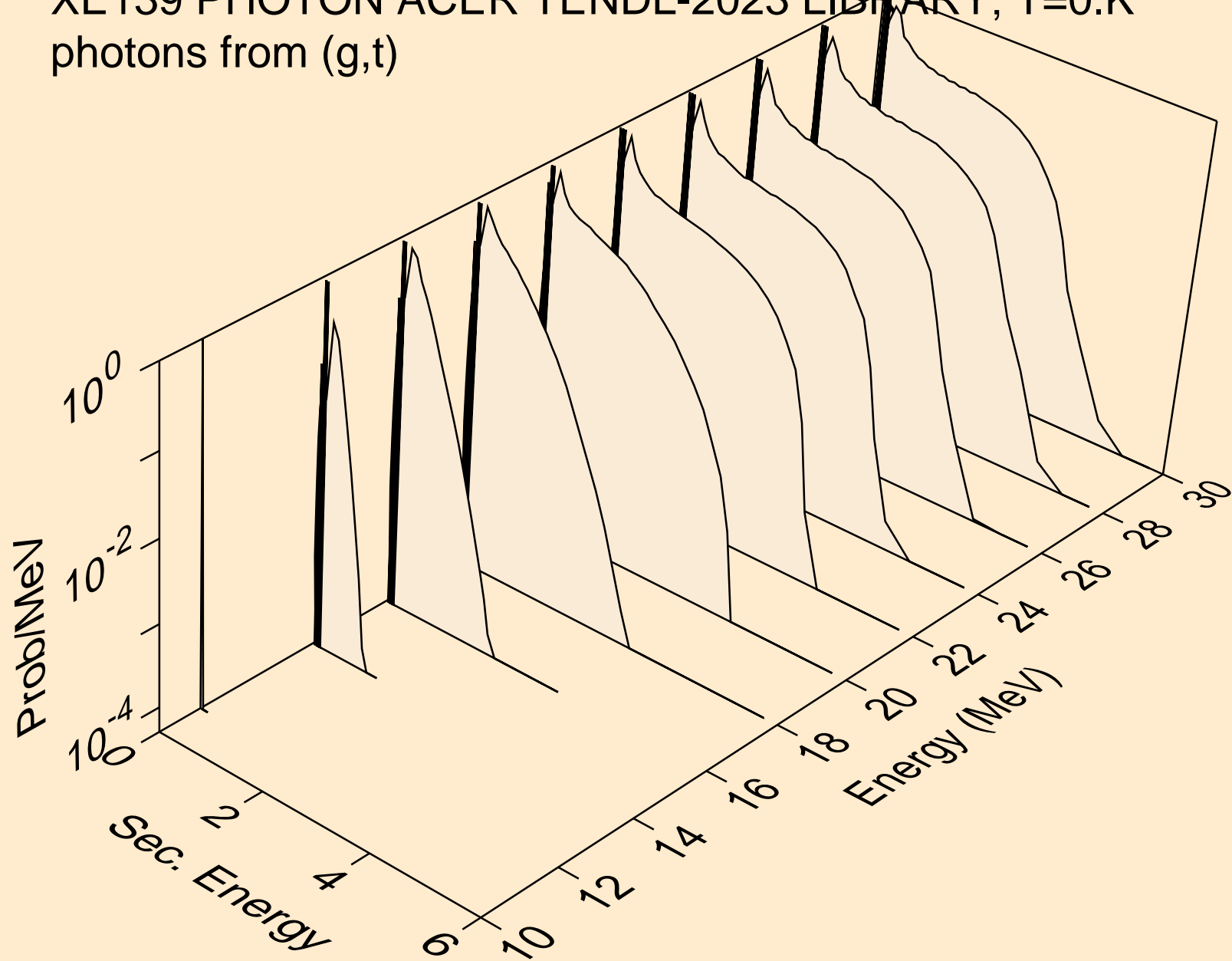
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,p)



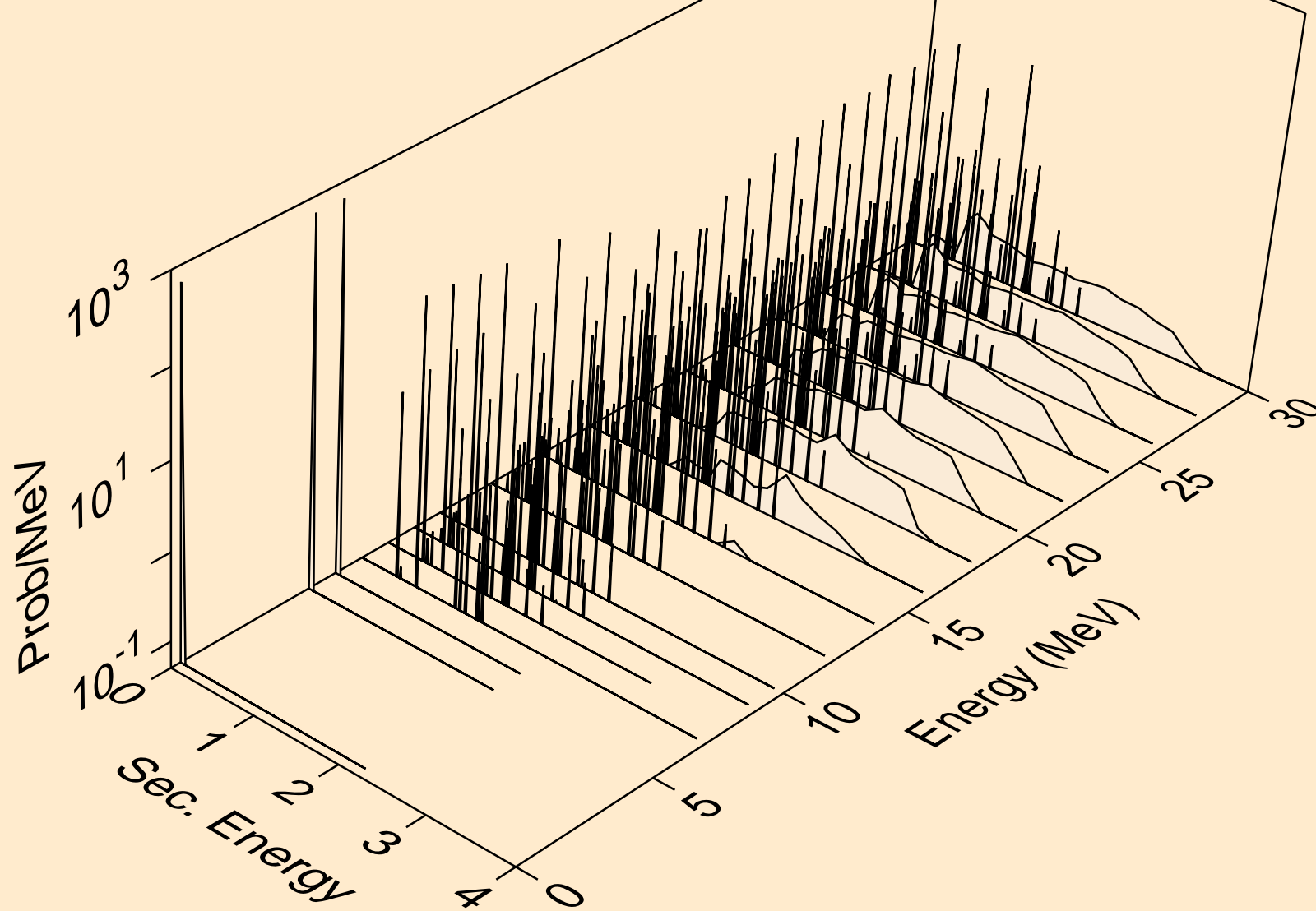
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,d)



XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,t)

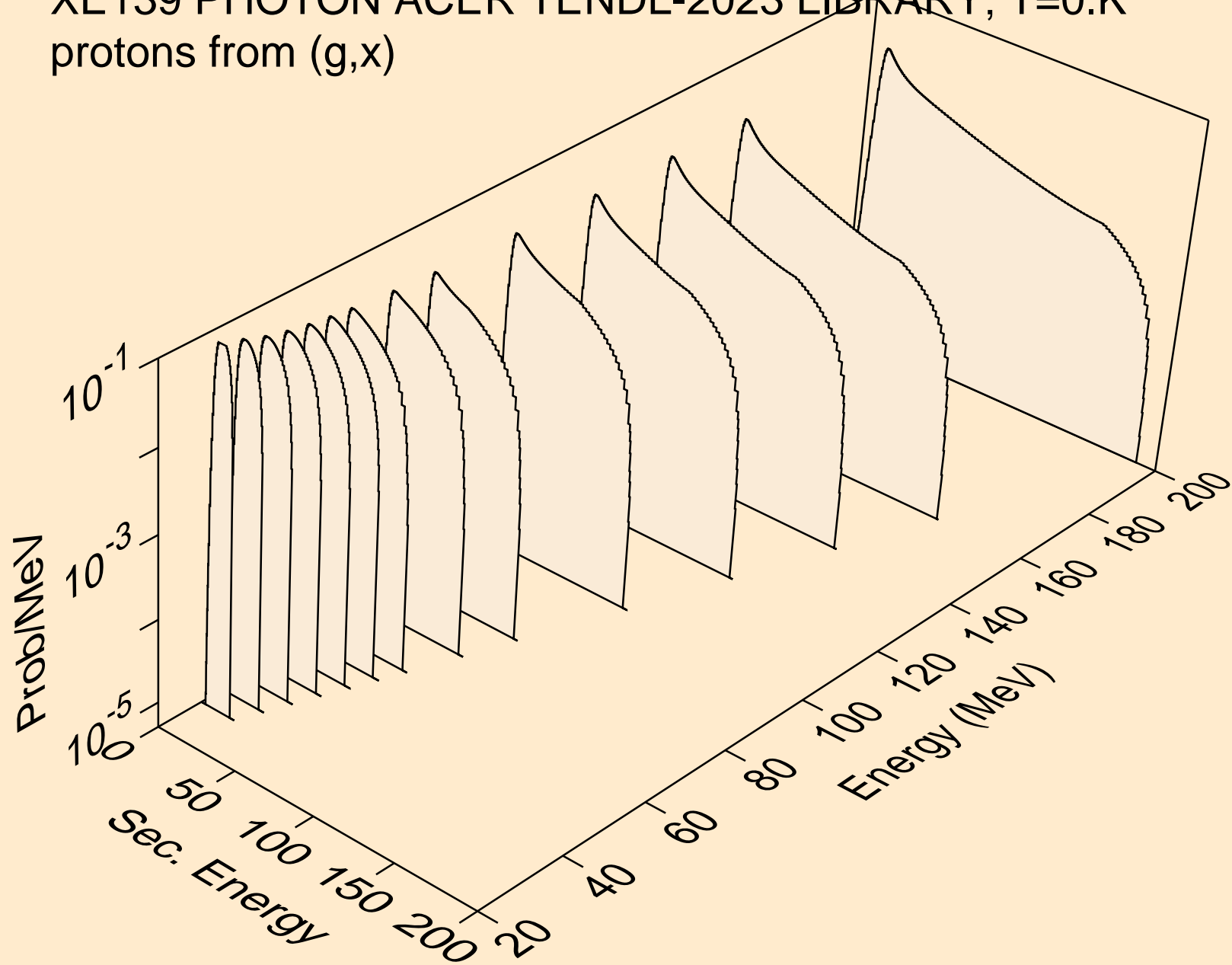


XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
photons from (g,a)

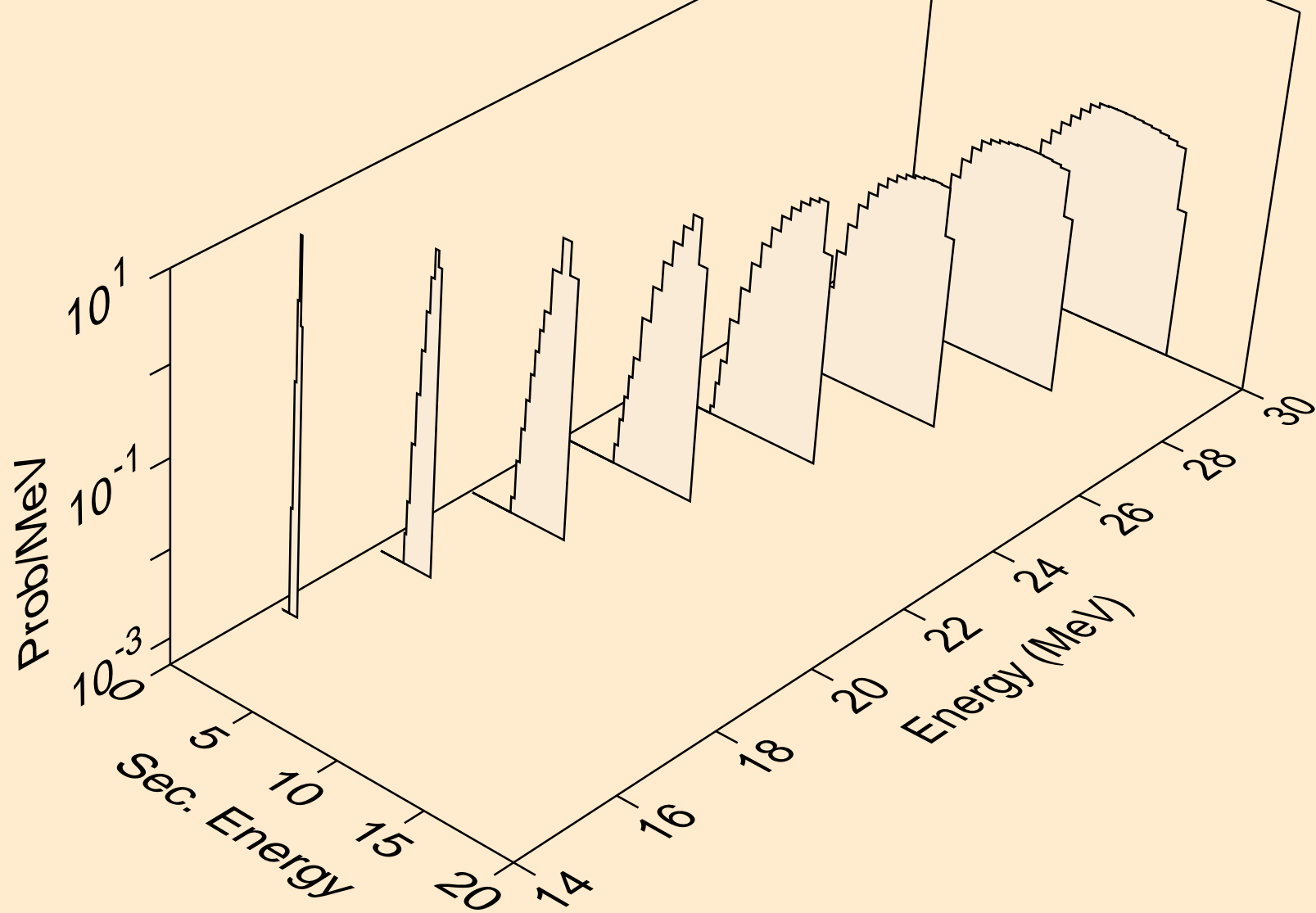




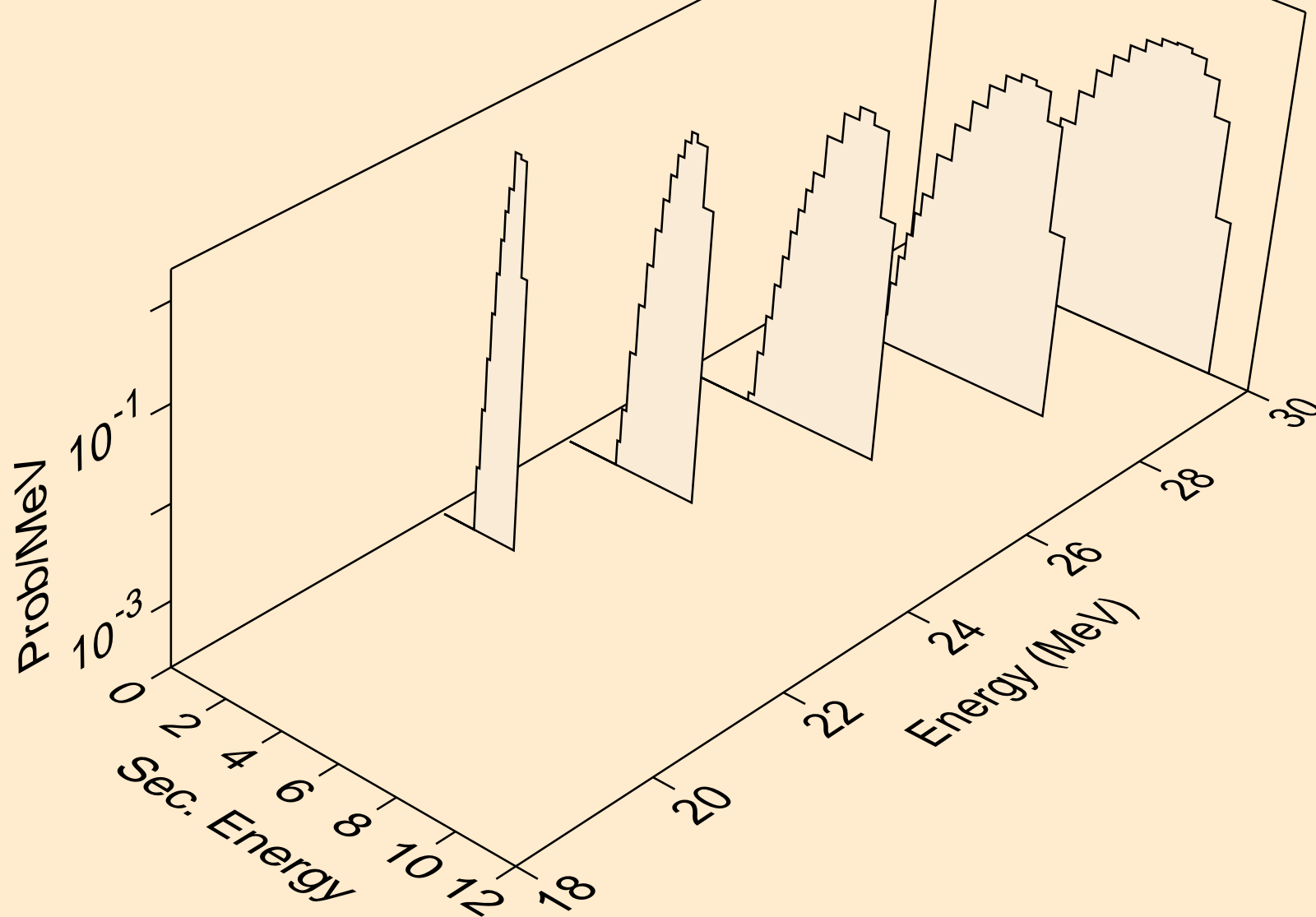
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (g,x)



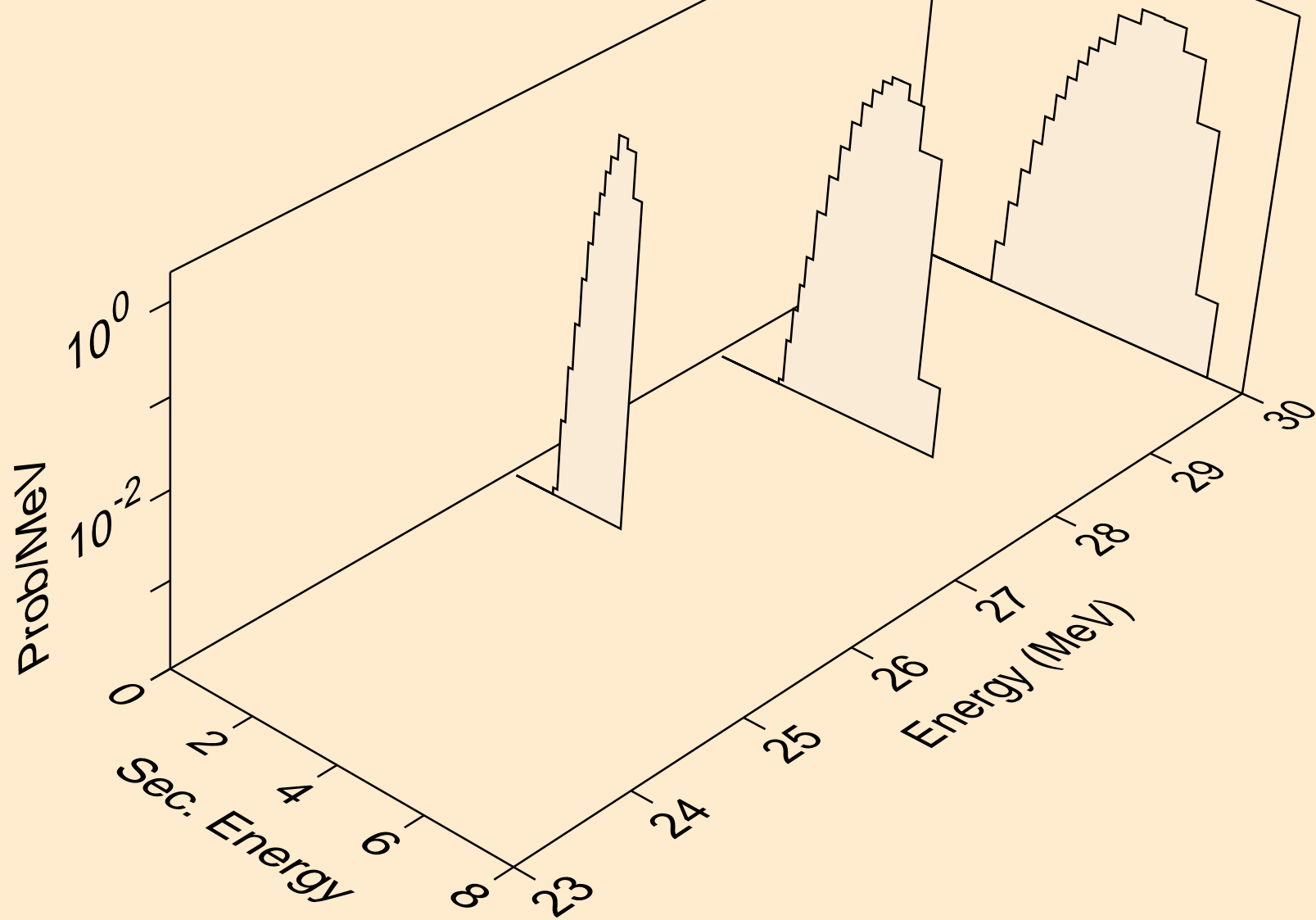
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (g,n\*)p



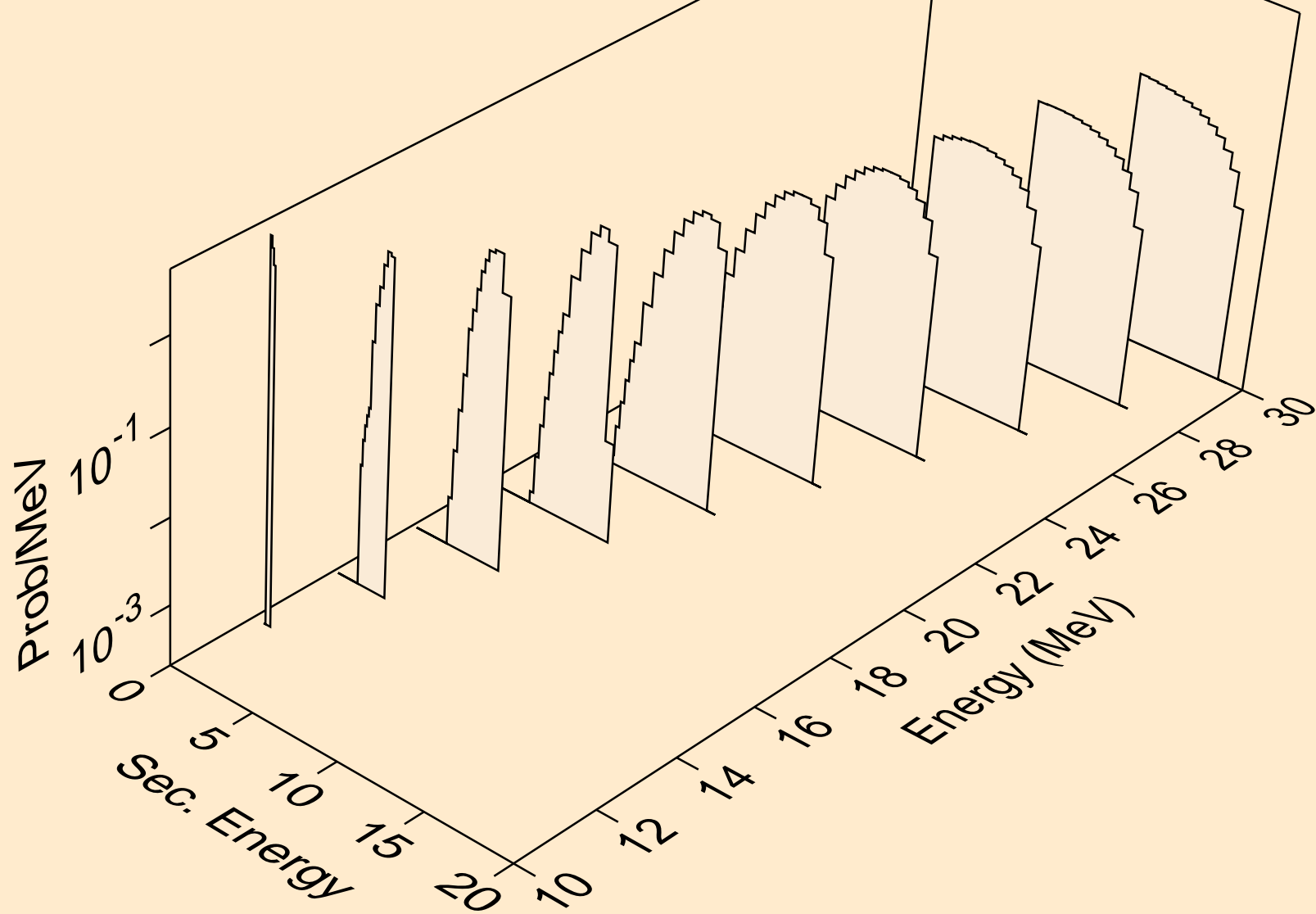
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (g,2np)



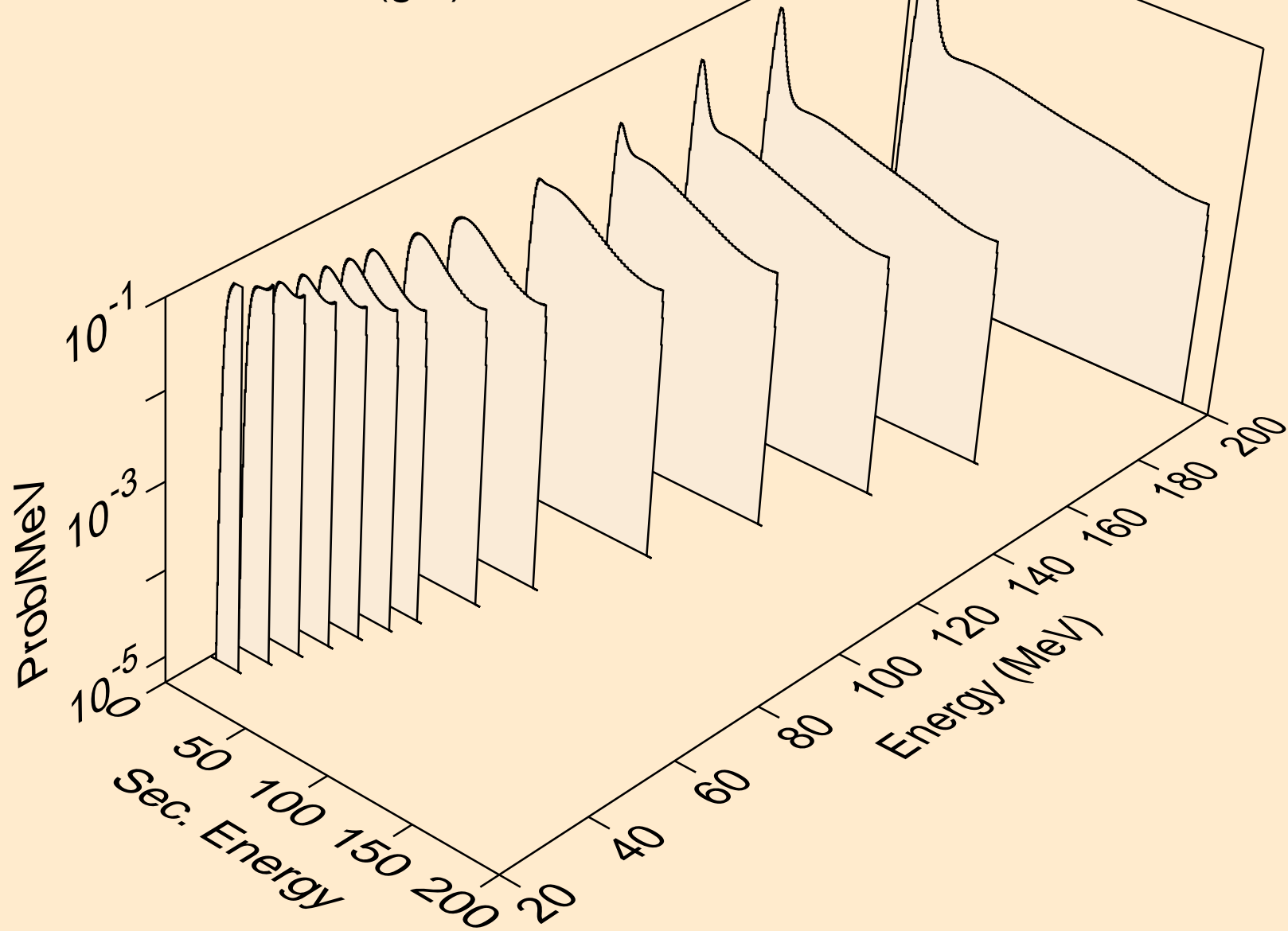
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (g,3np)



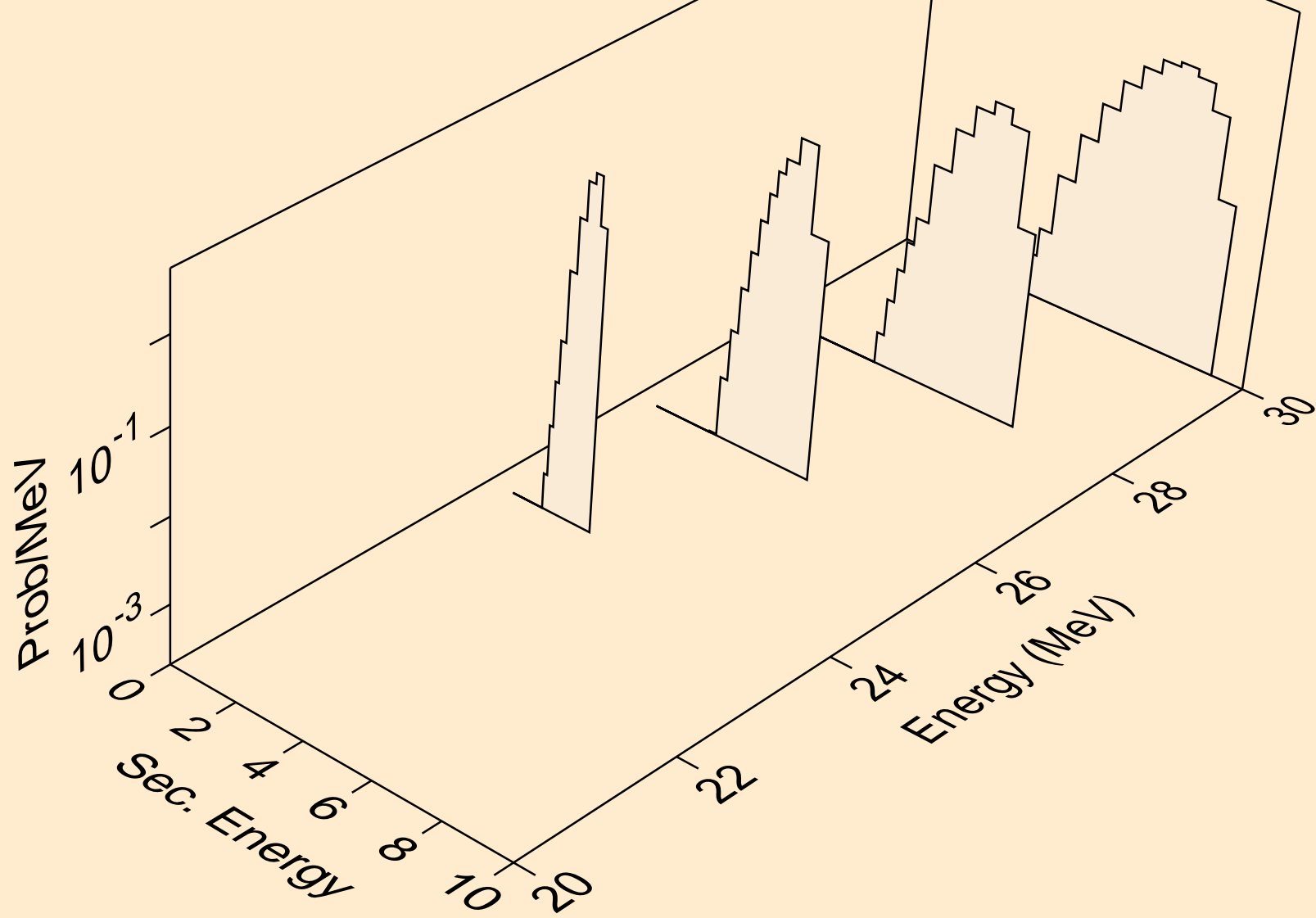
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (g,p)



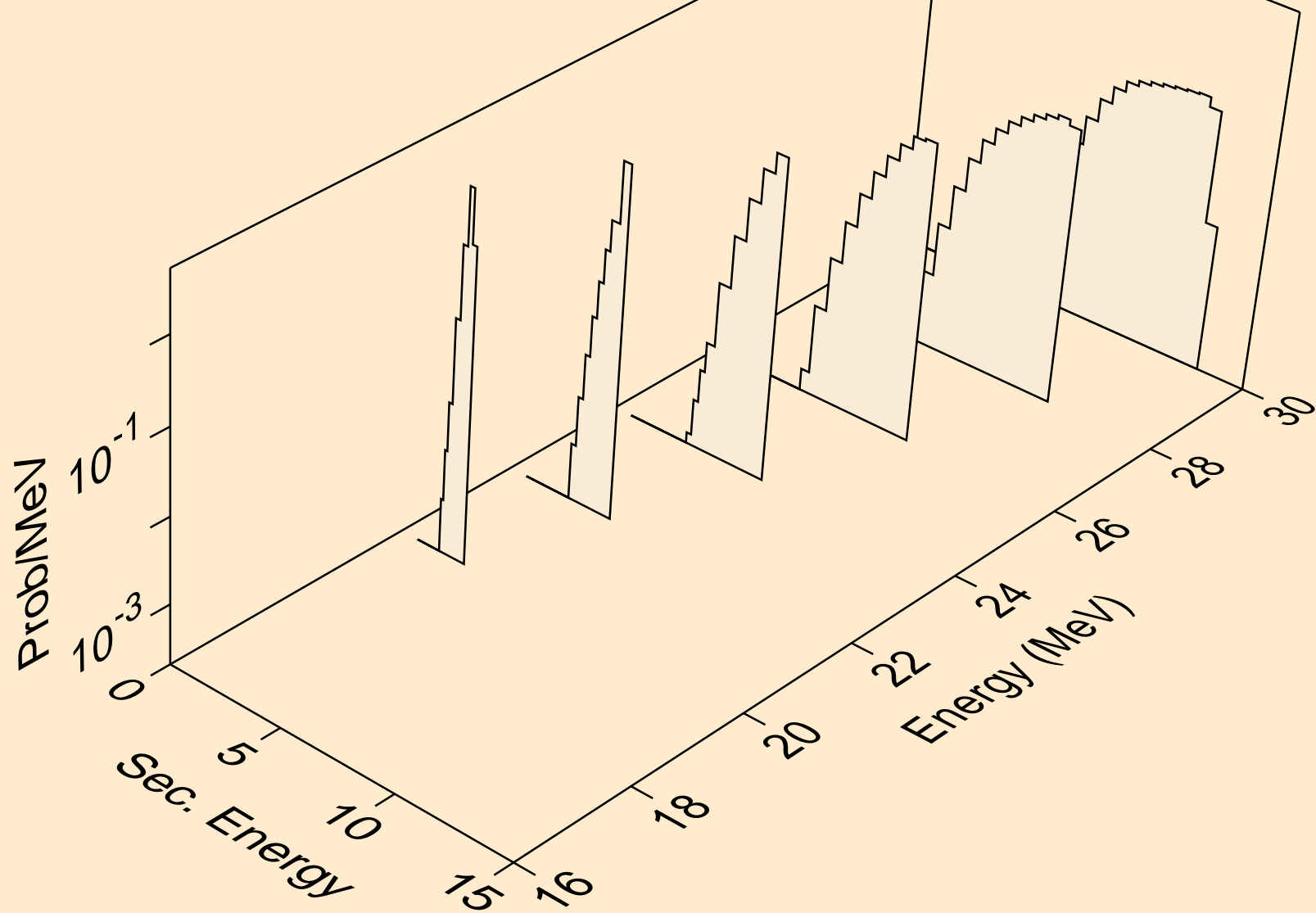
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (g,x)



XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (g,2nd)

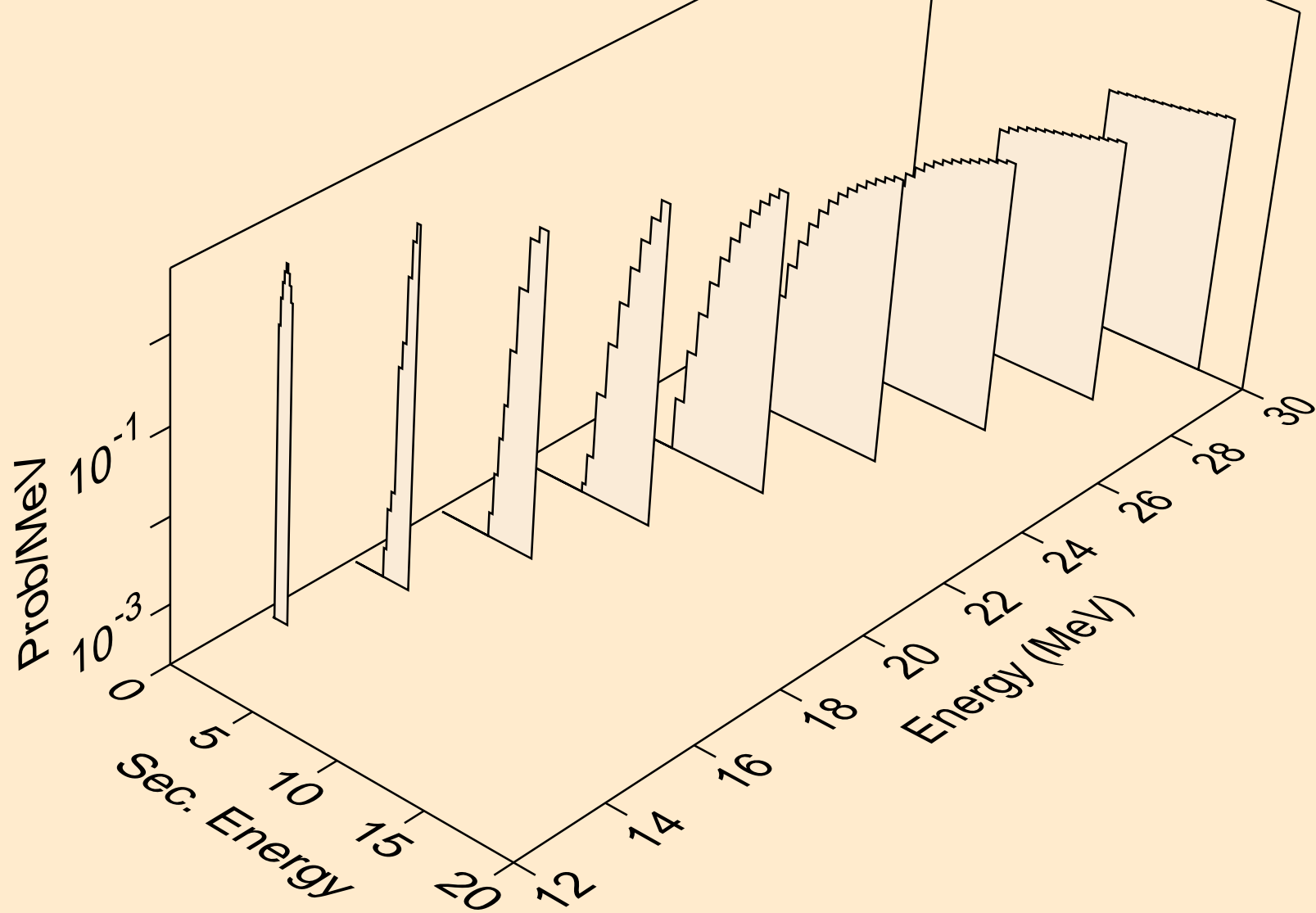


XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (g,n\*)d

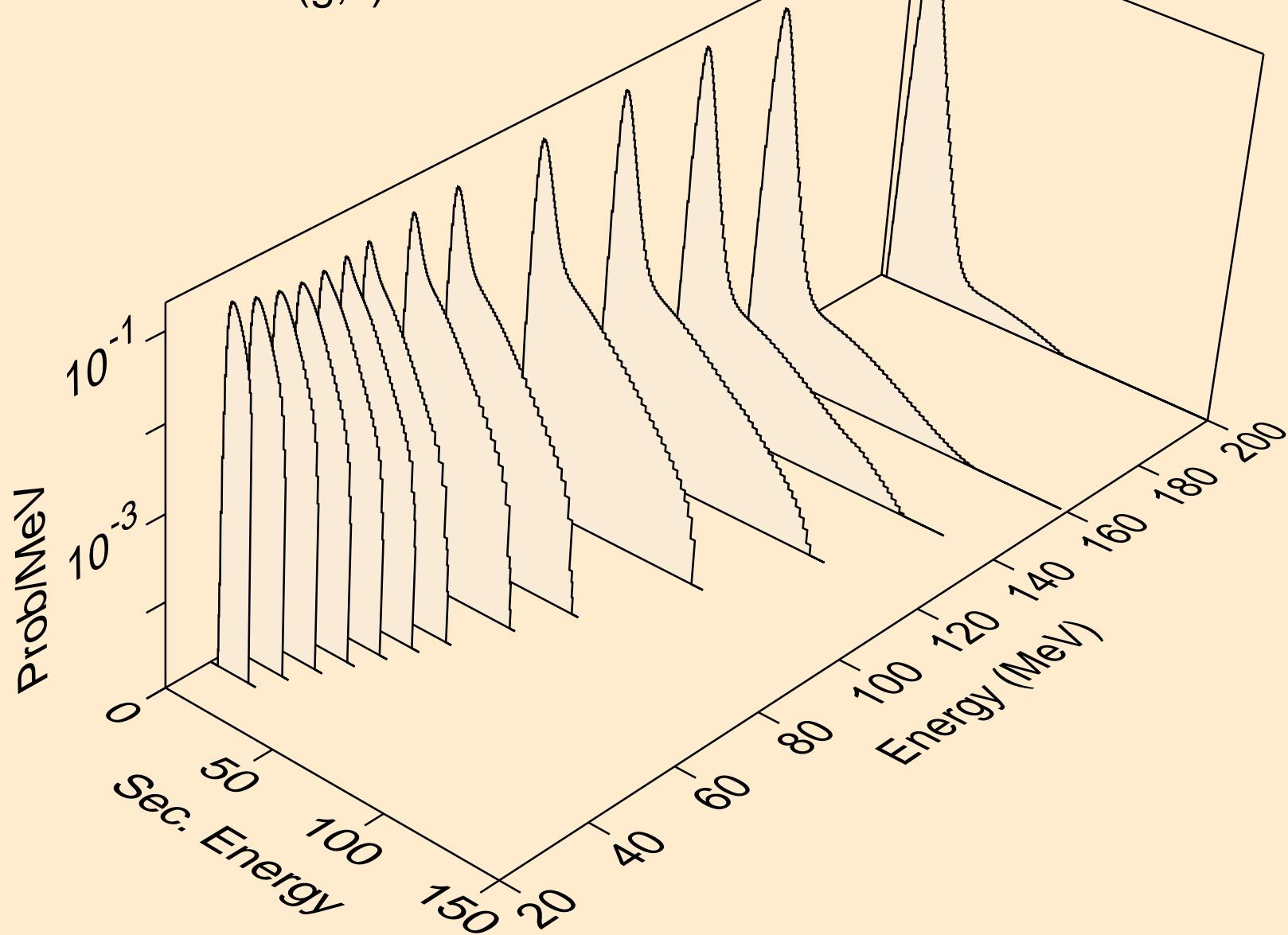




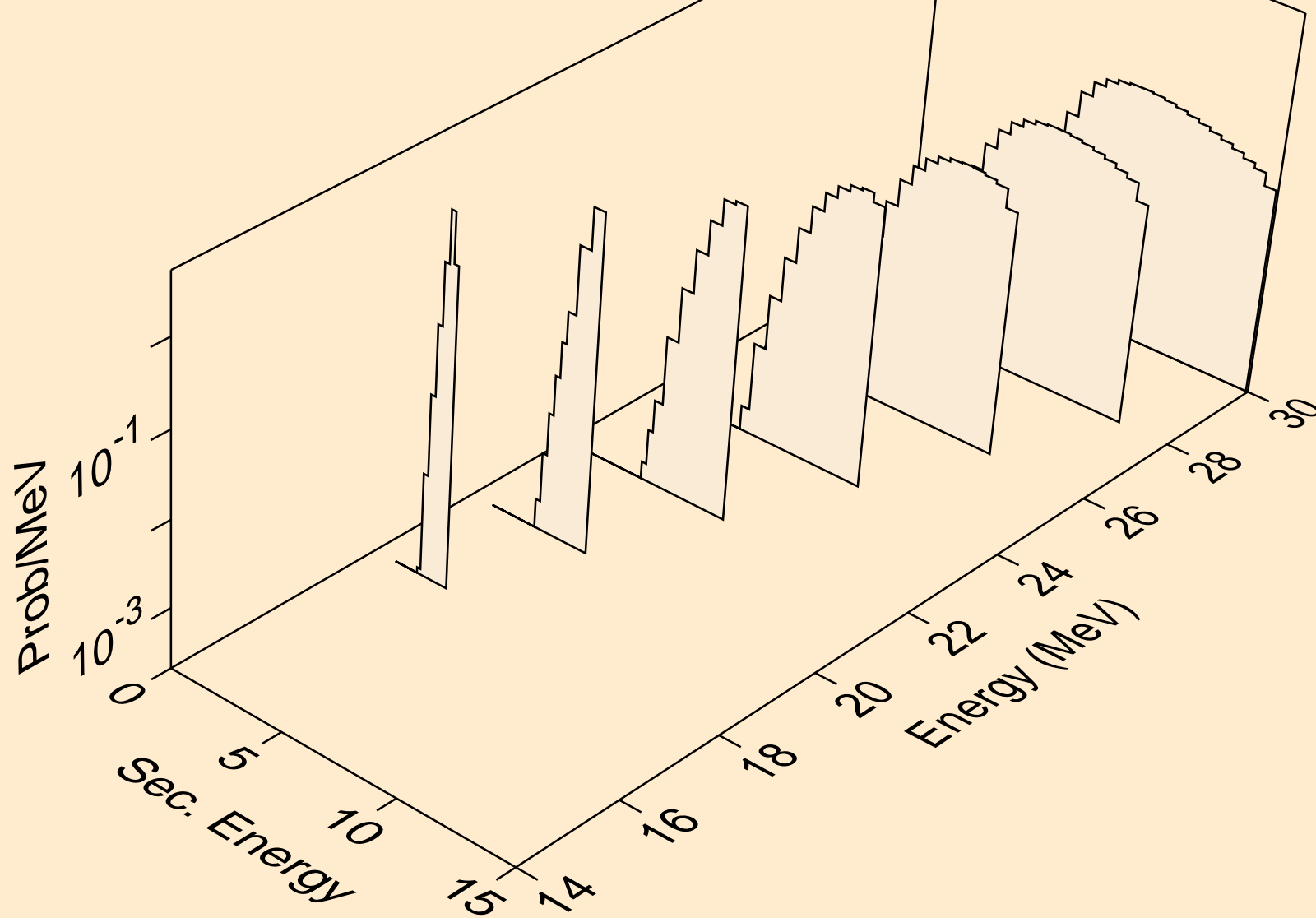
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (g,d)



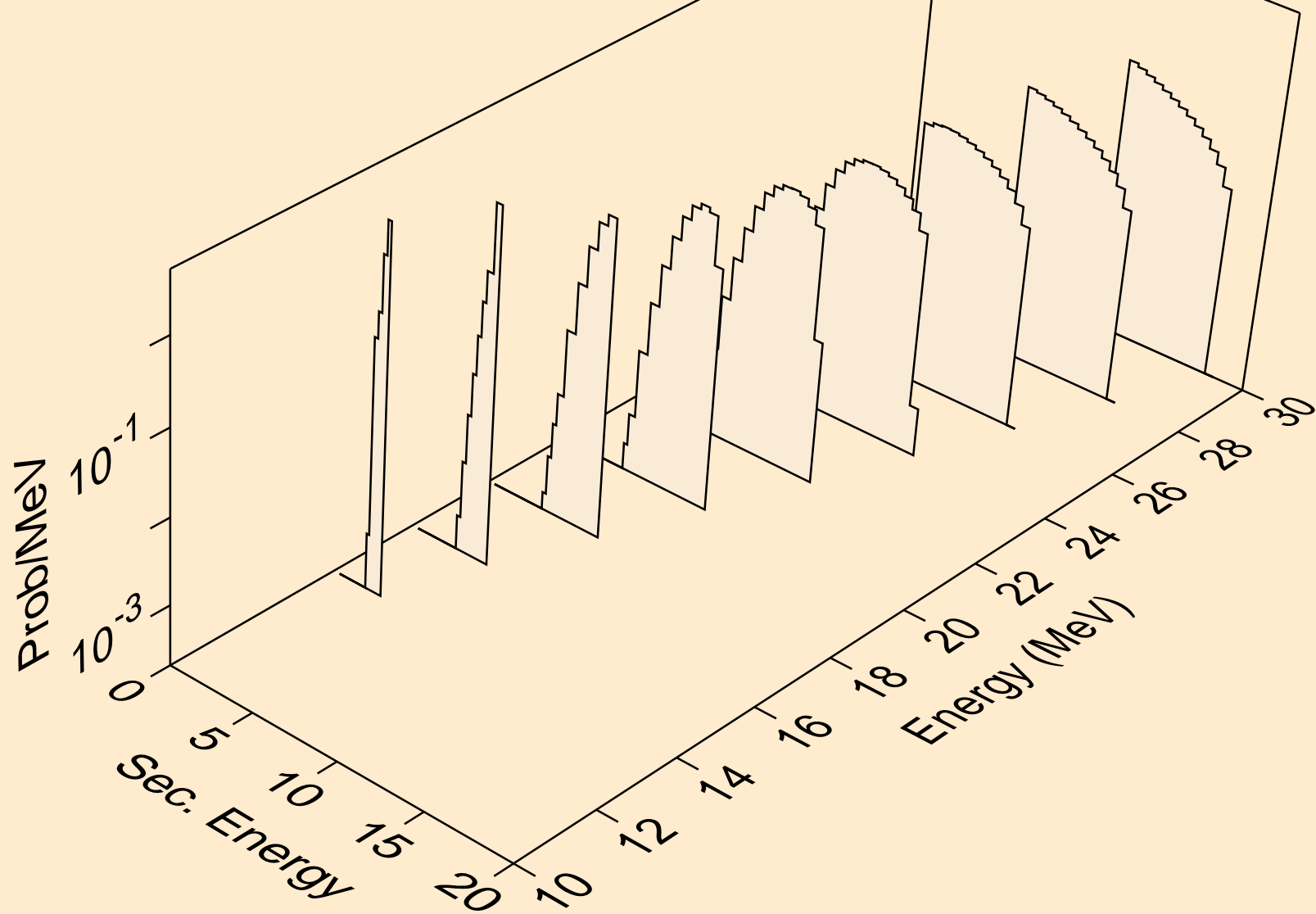
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (g,x)



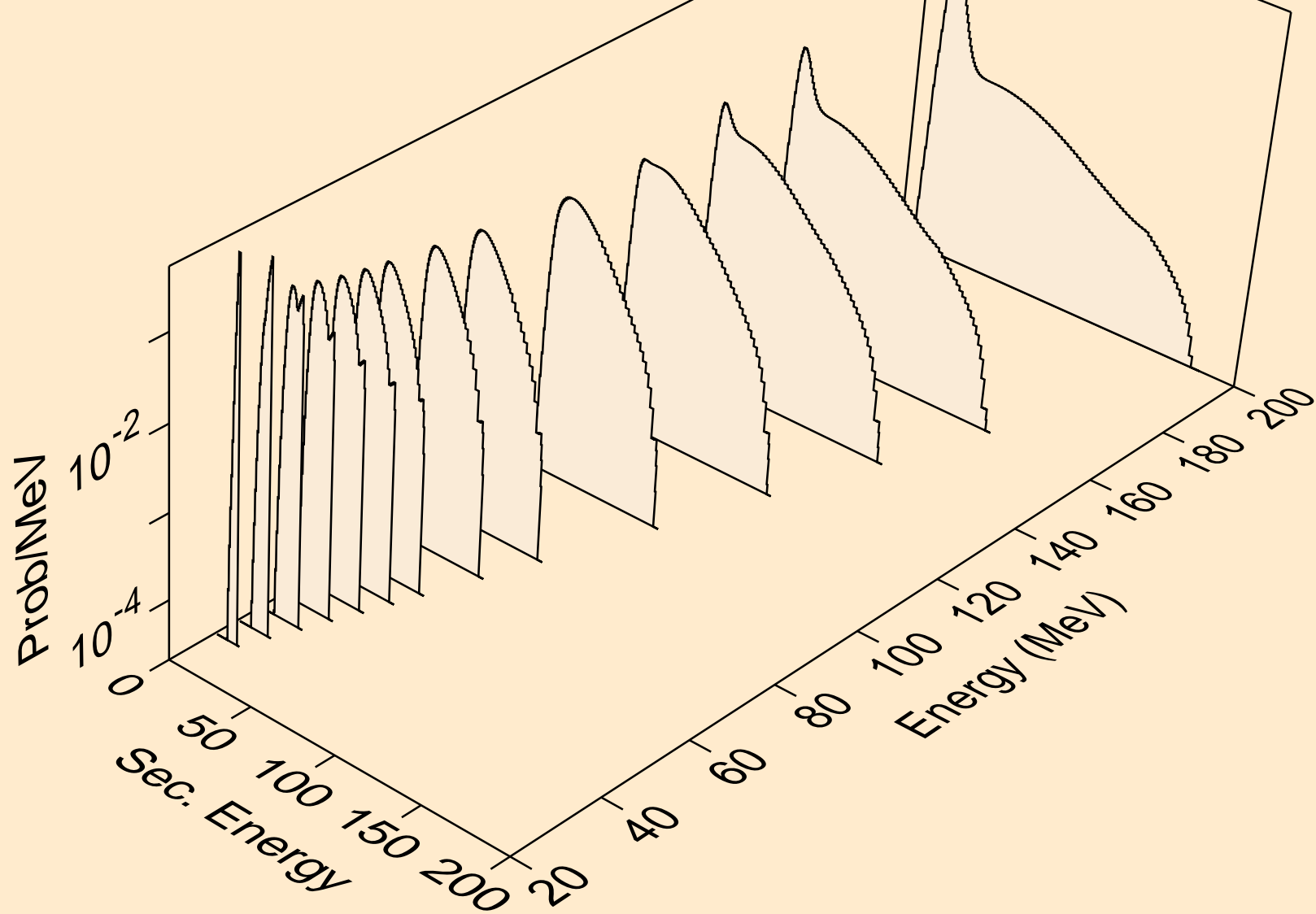
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (g,n\*)t



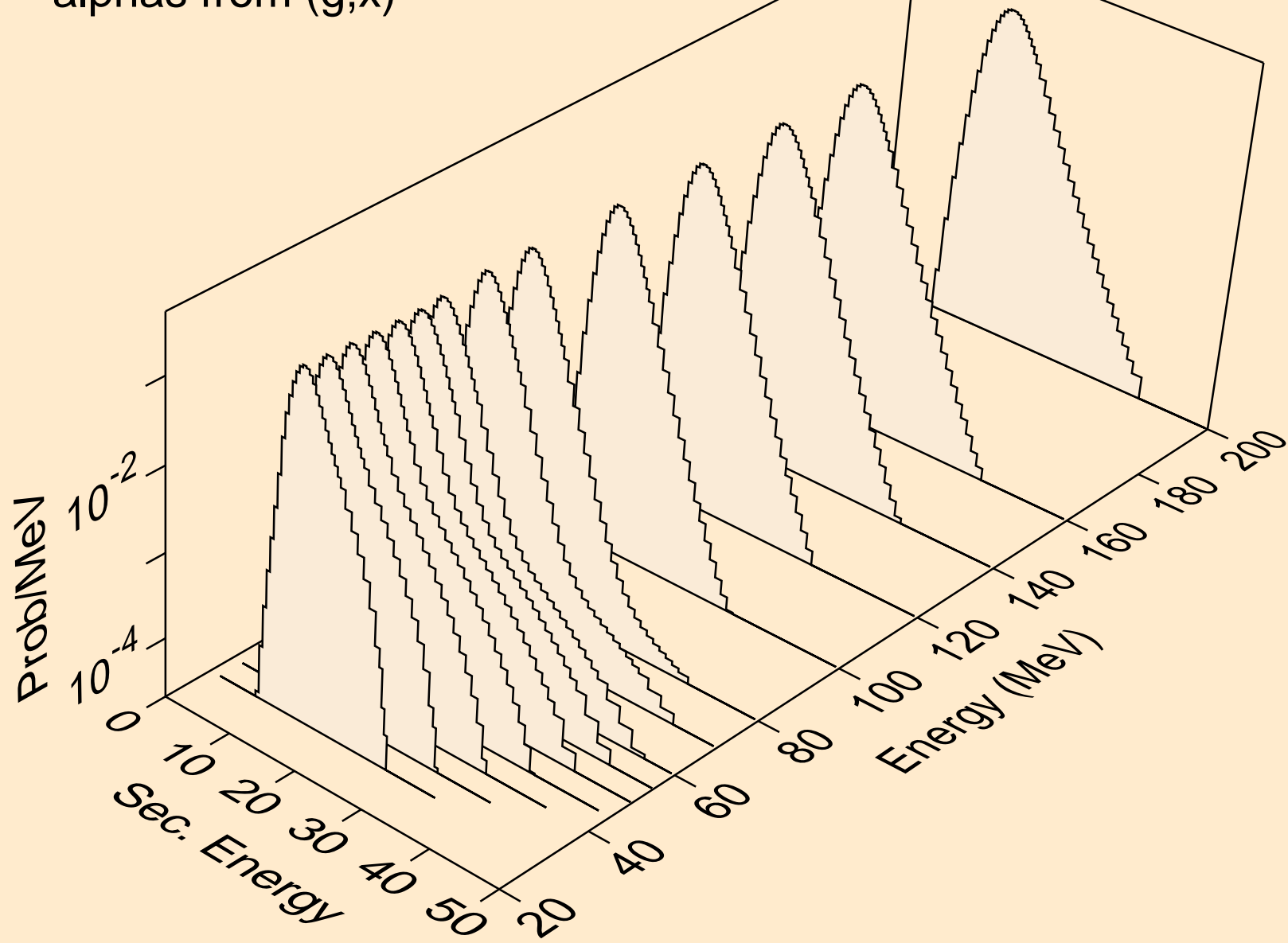
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (g,t)



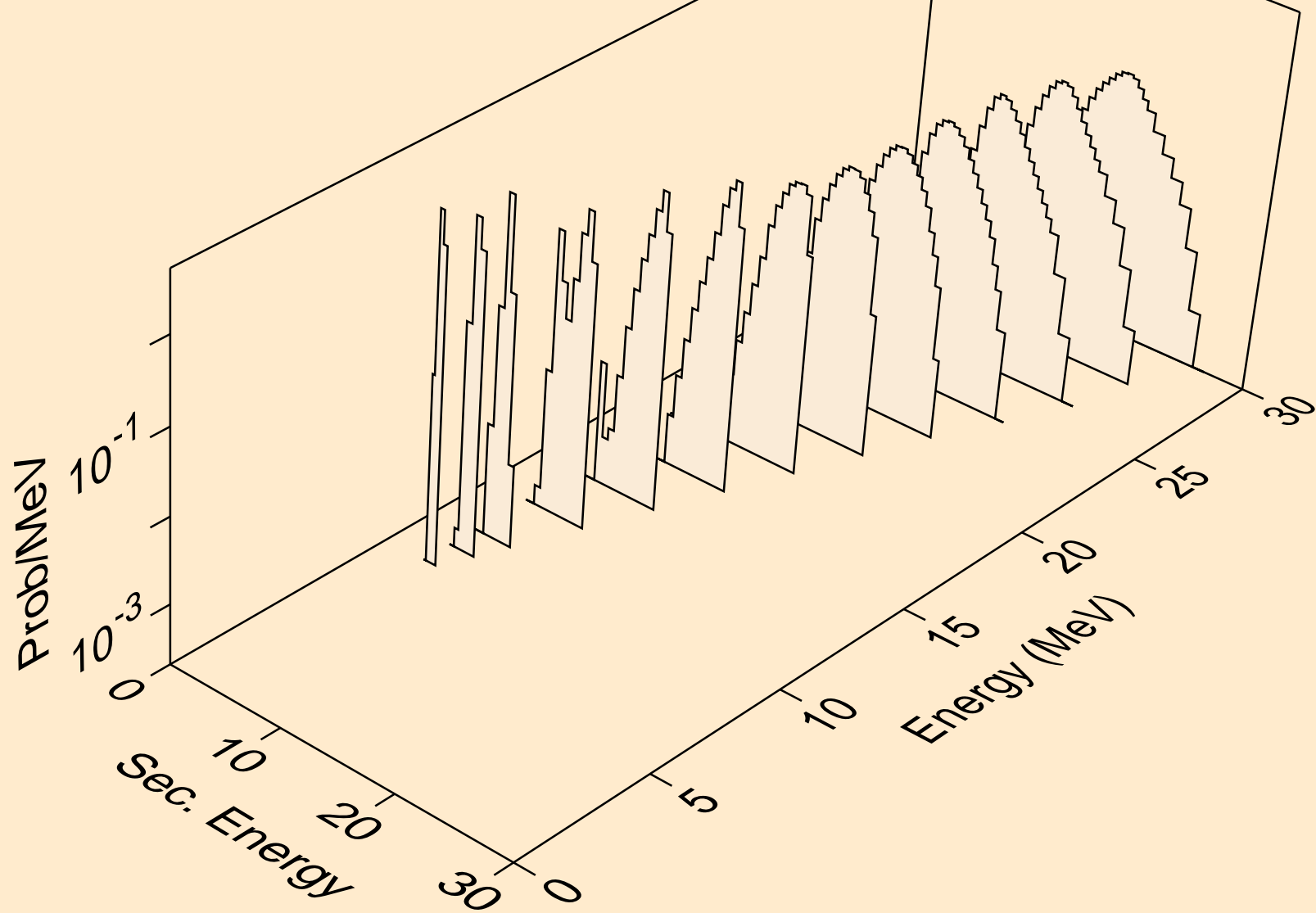
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (g,x)



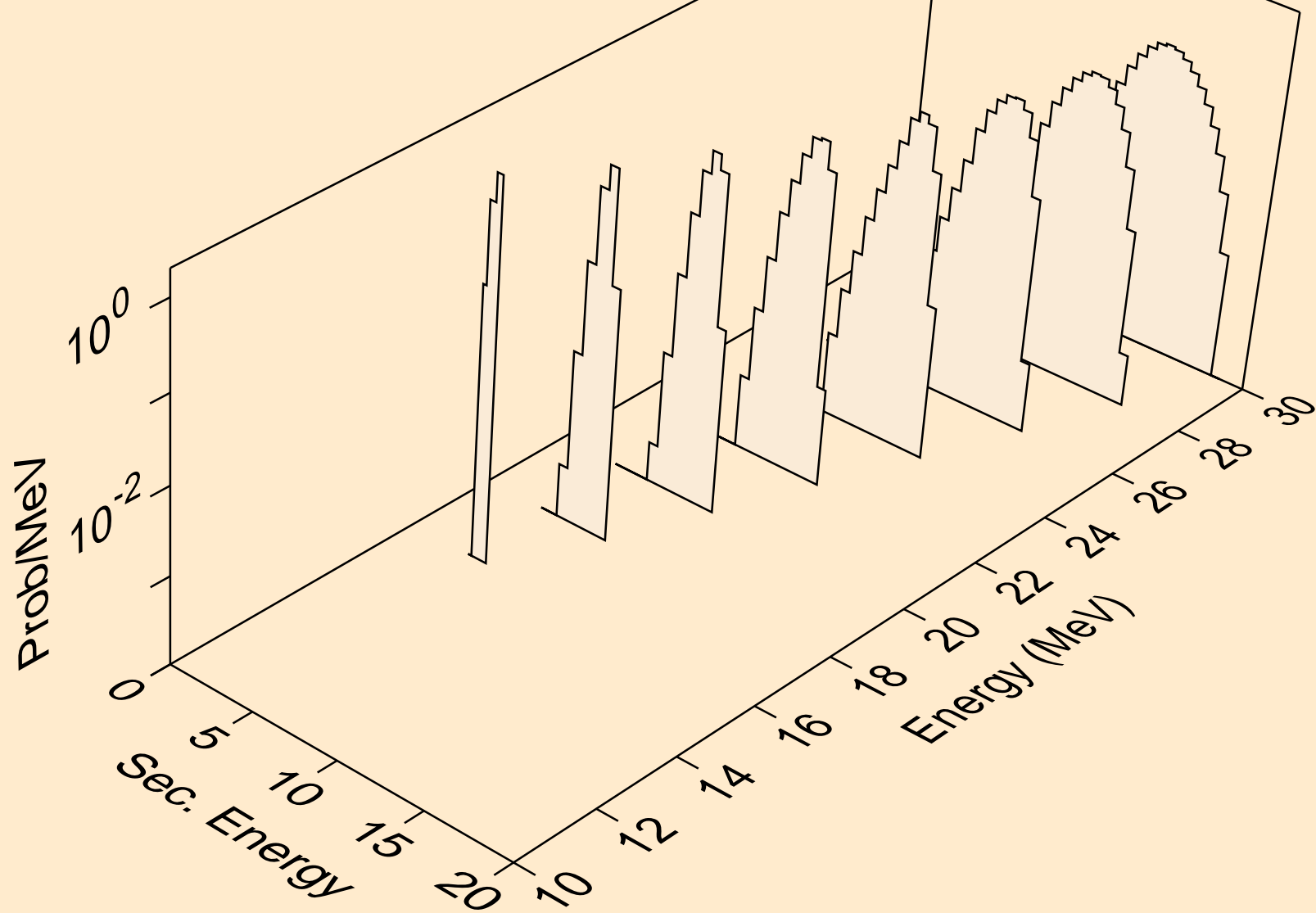
XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (g,x)



XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (g,n\*)a

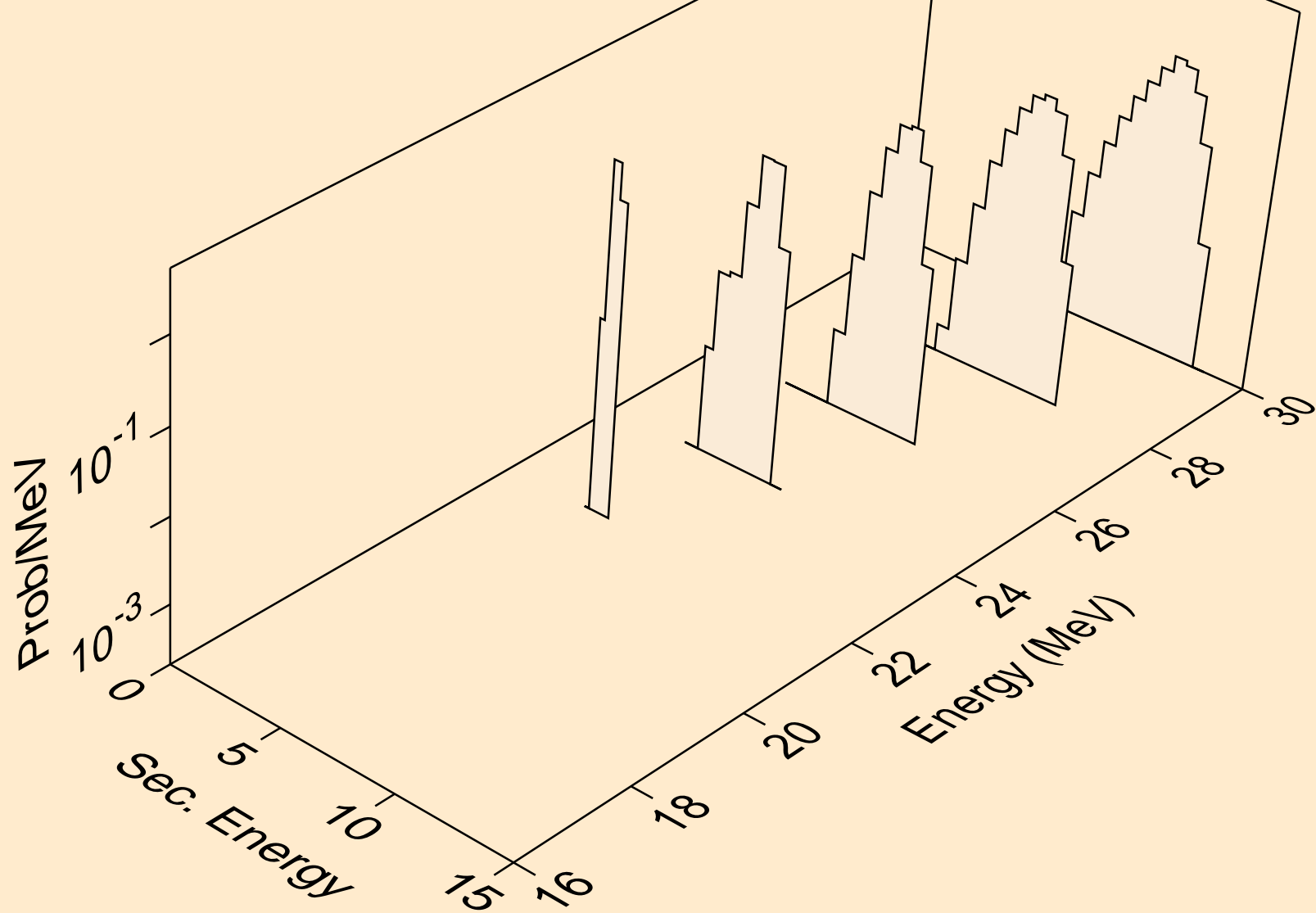


XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (g,2n)a





XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (g,3n)a



XE139 PHOTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (g,a)

