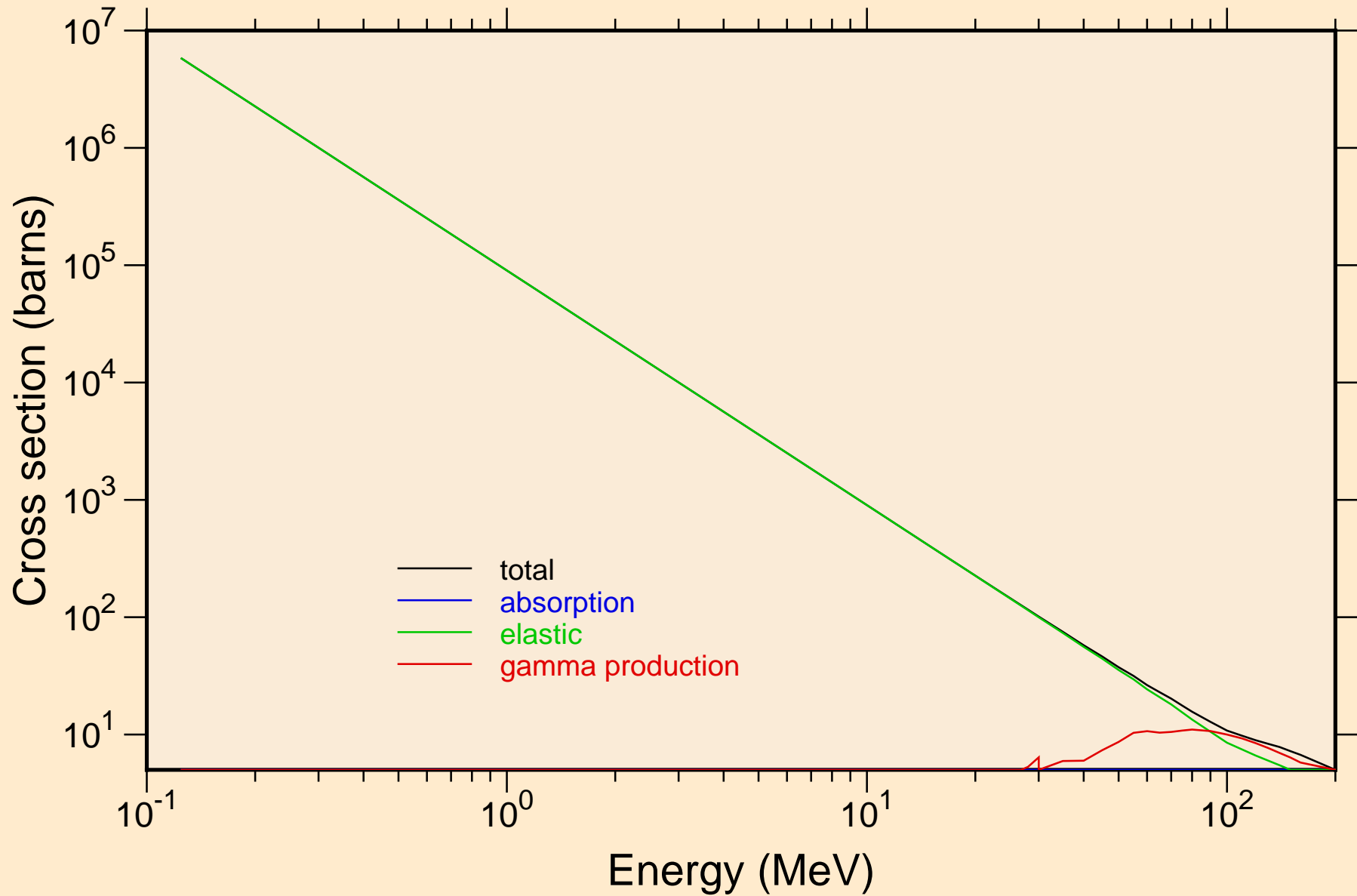
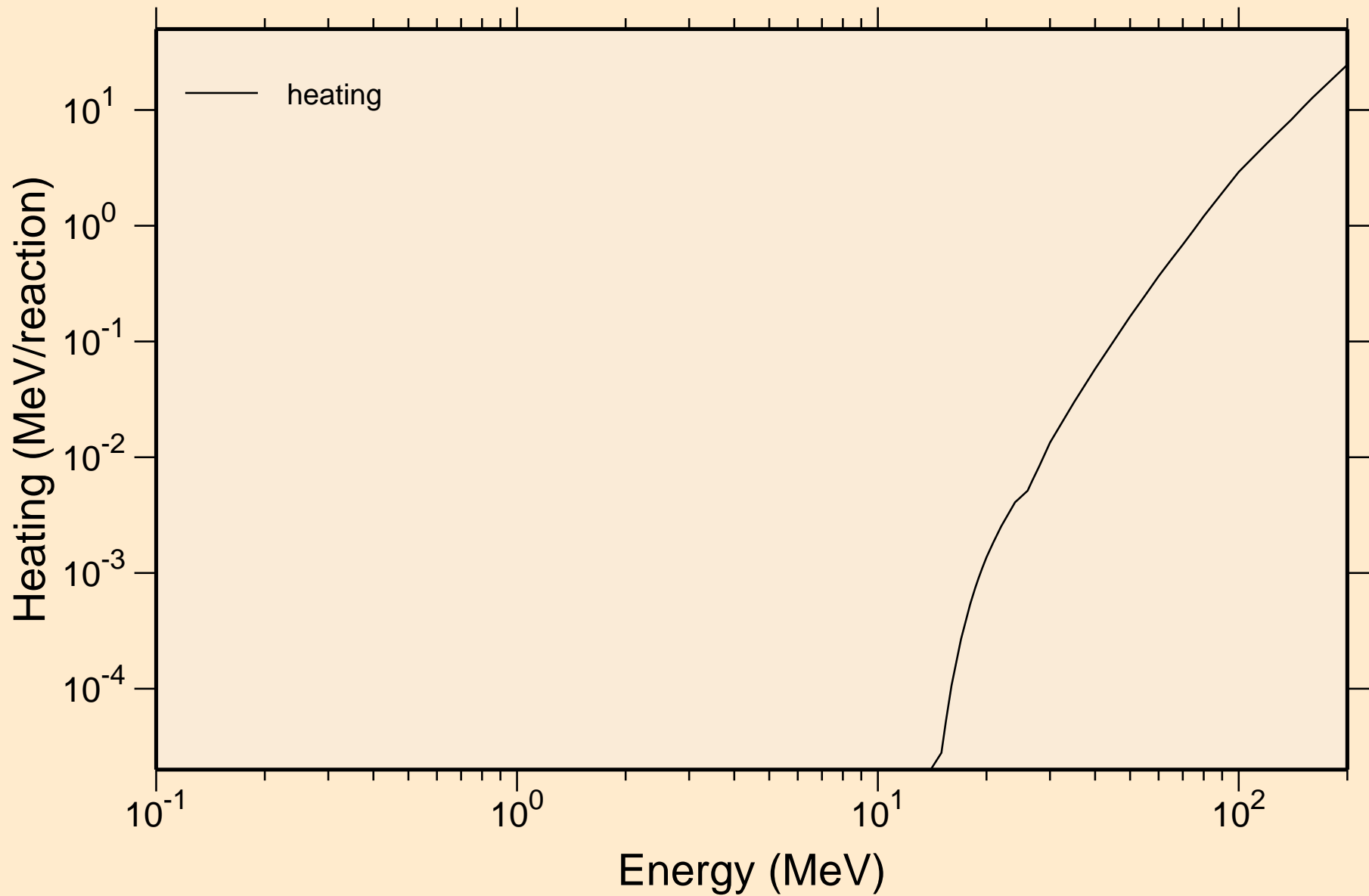


PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



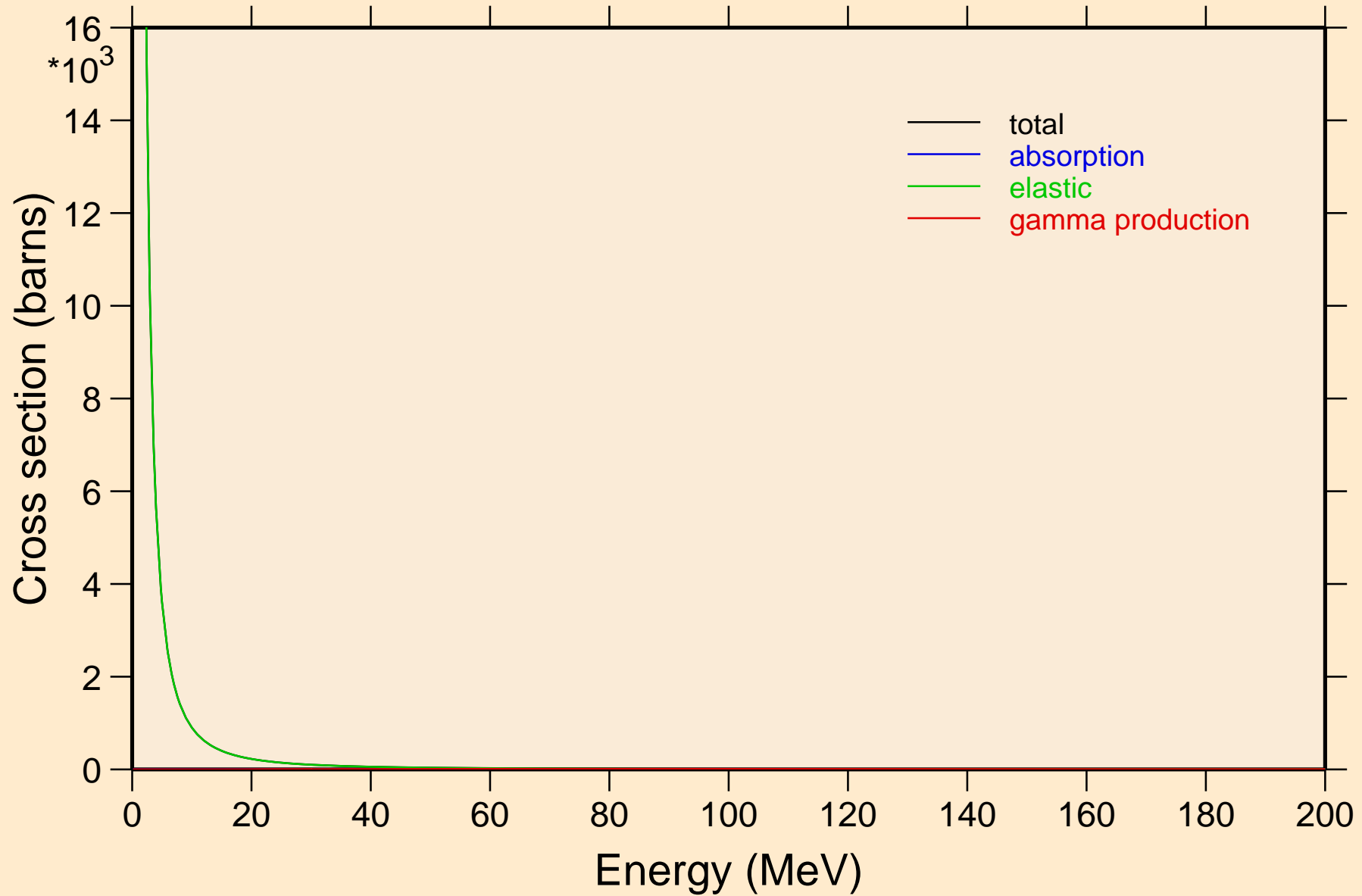
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



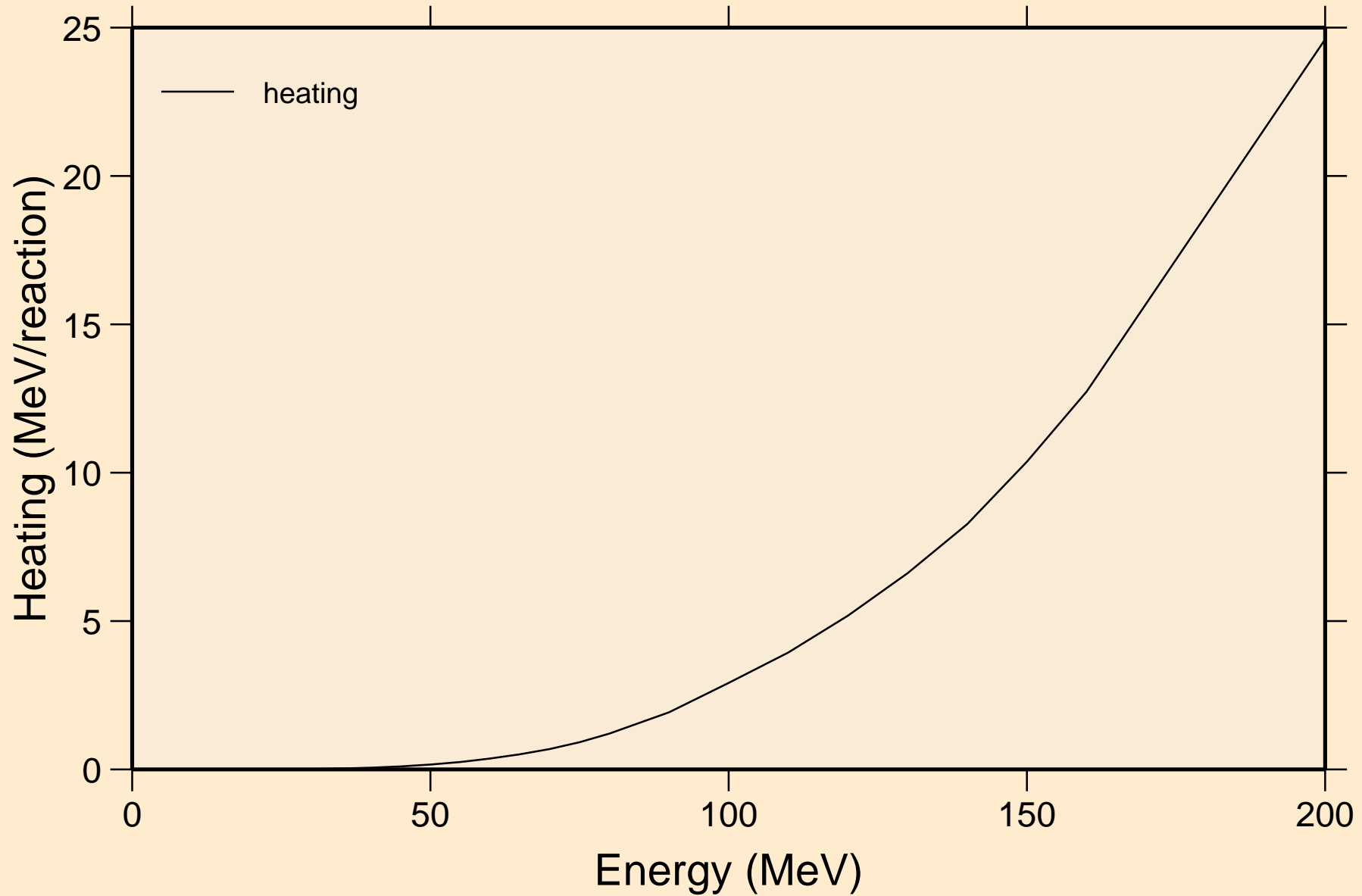
# PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

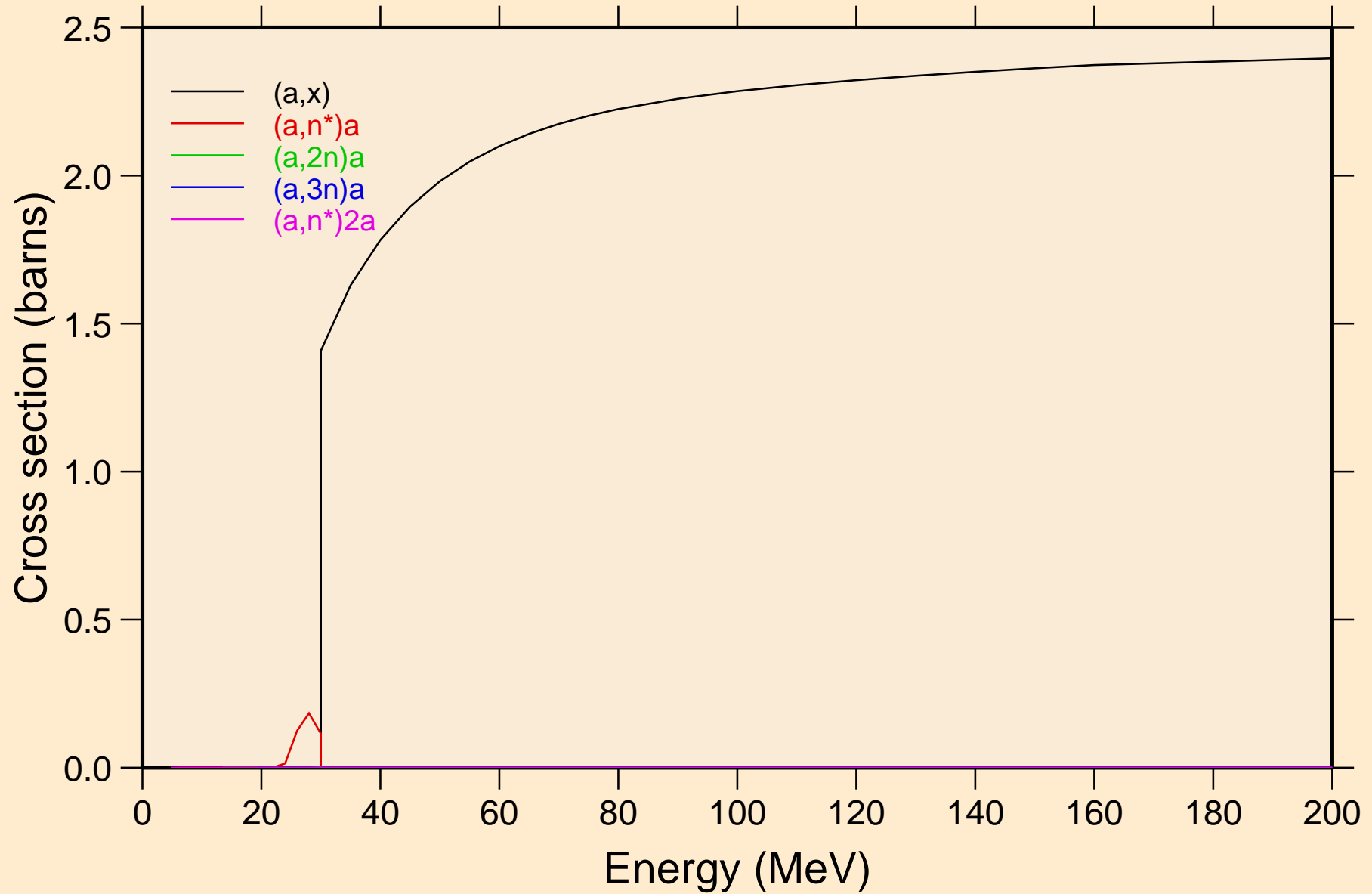


PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

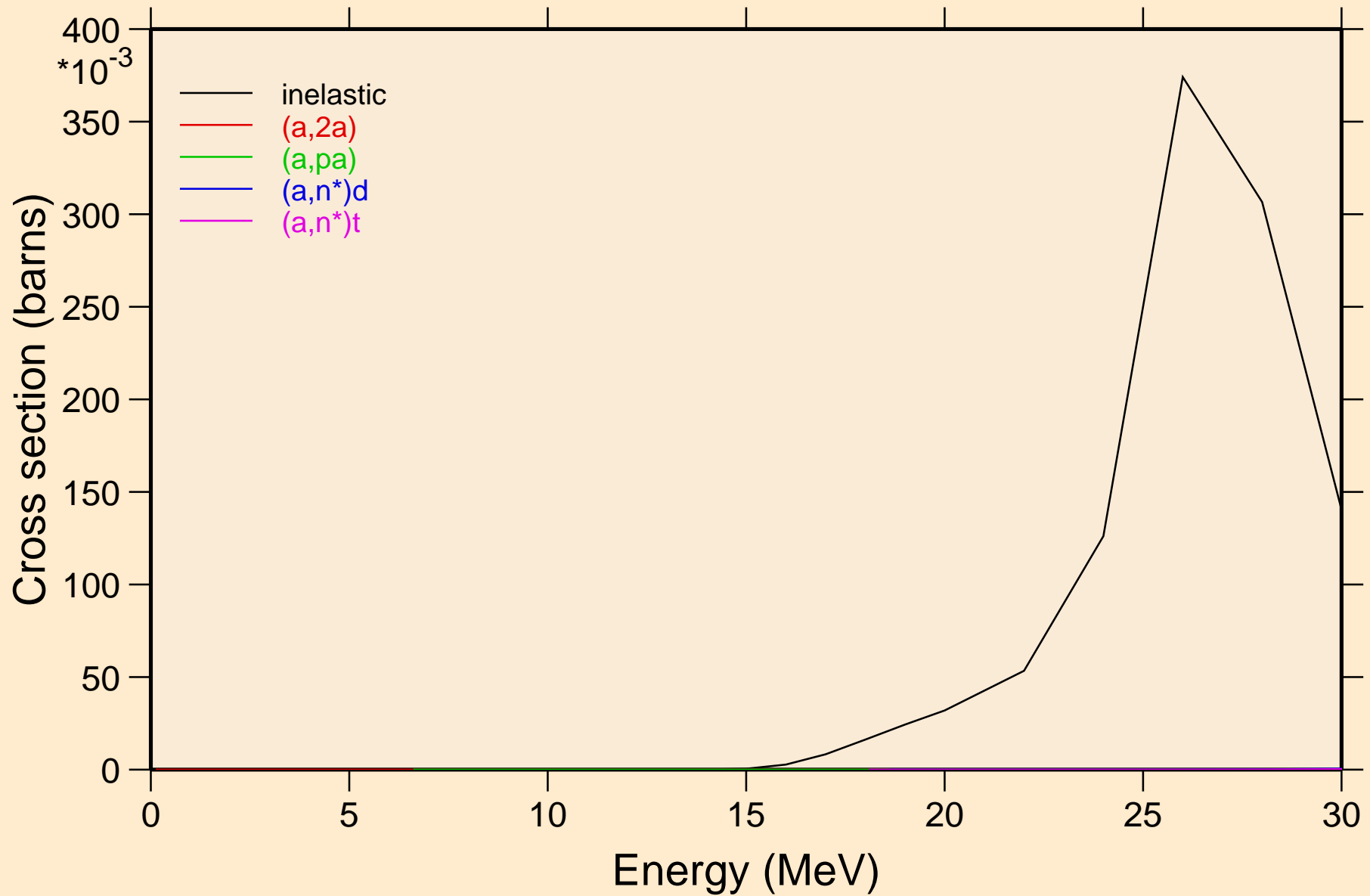
Heating



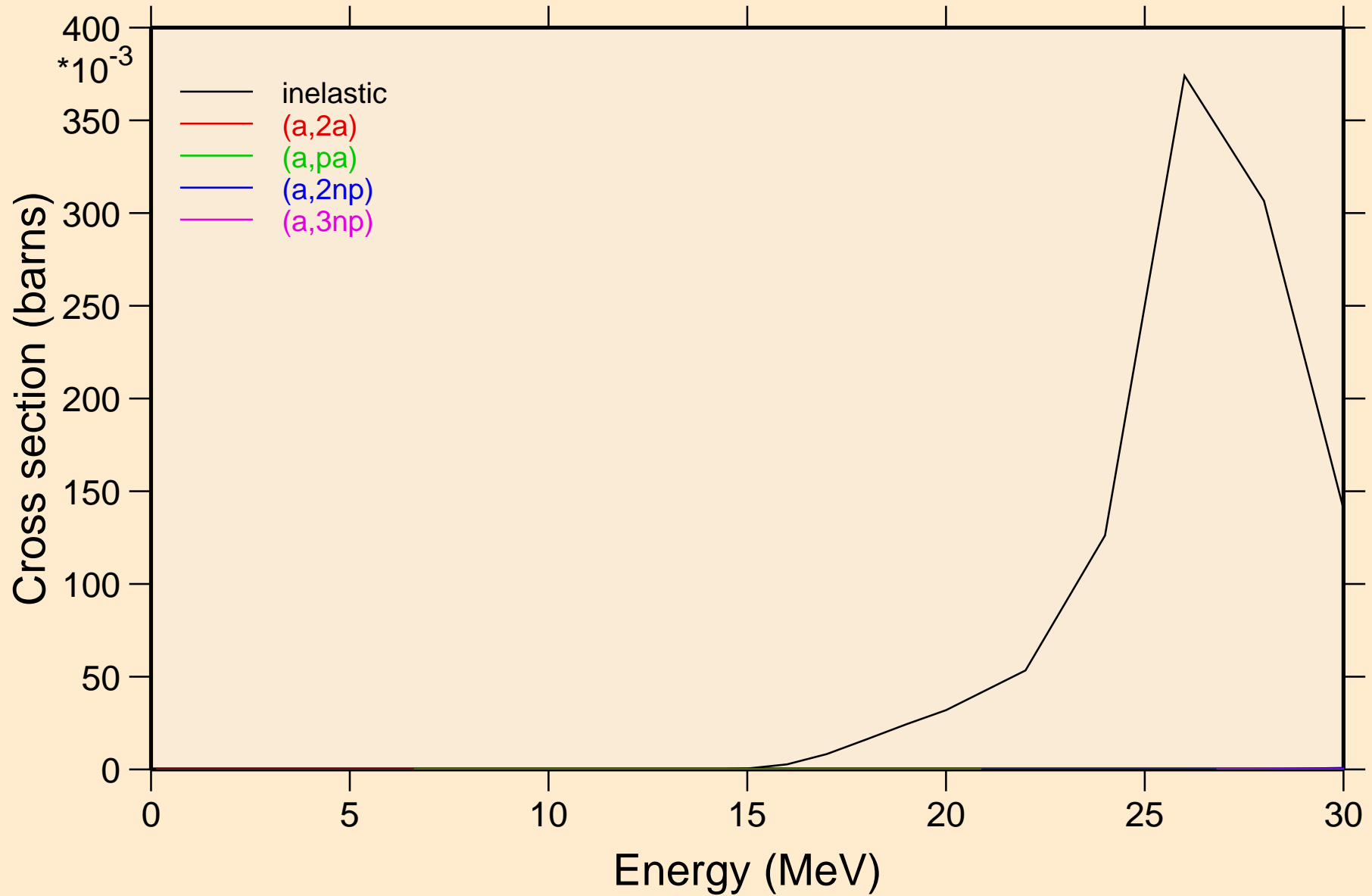
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



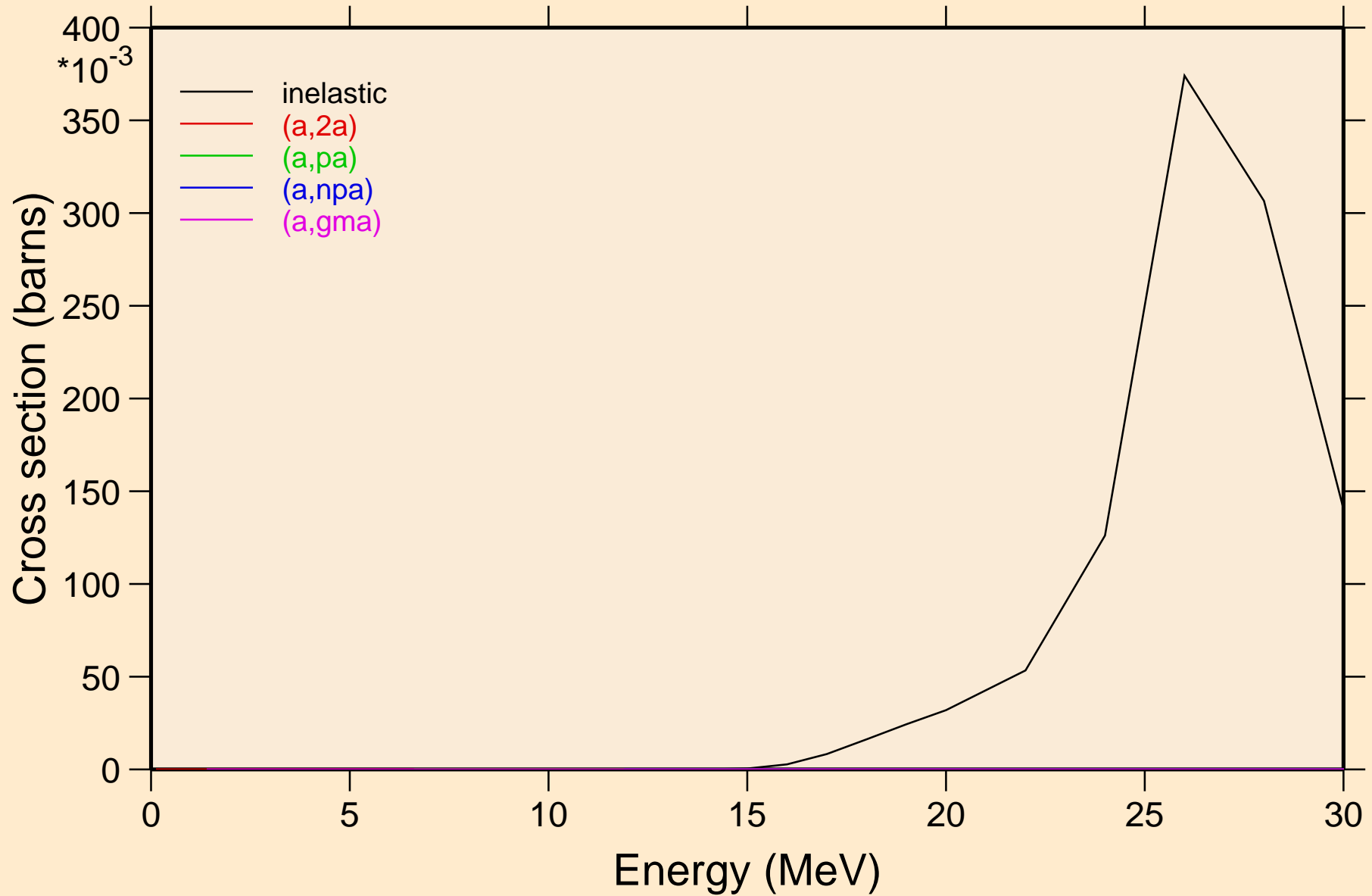
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



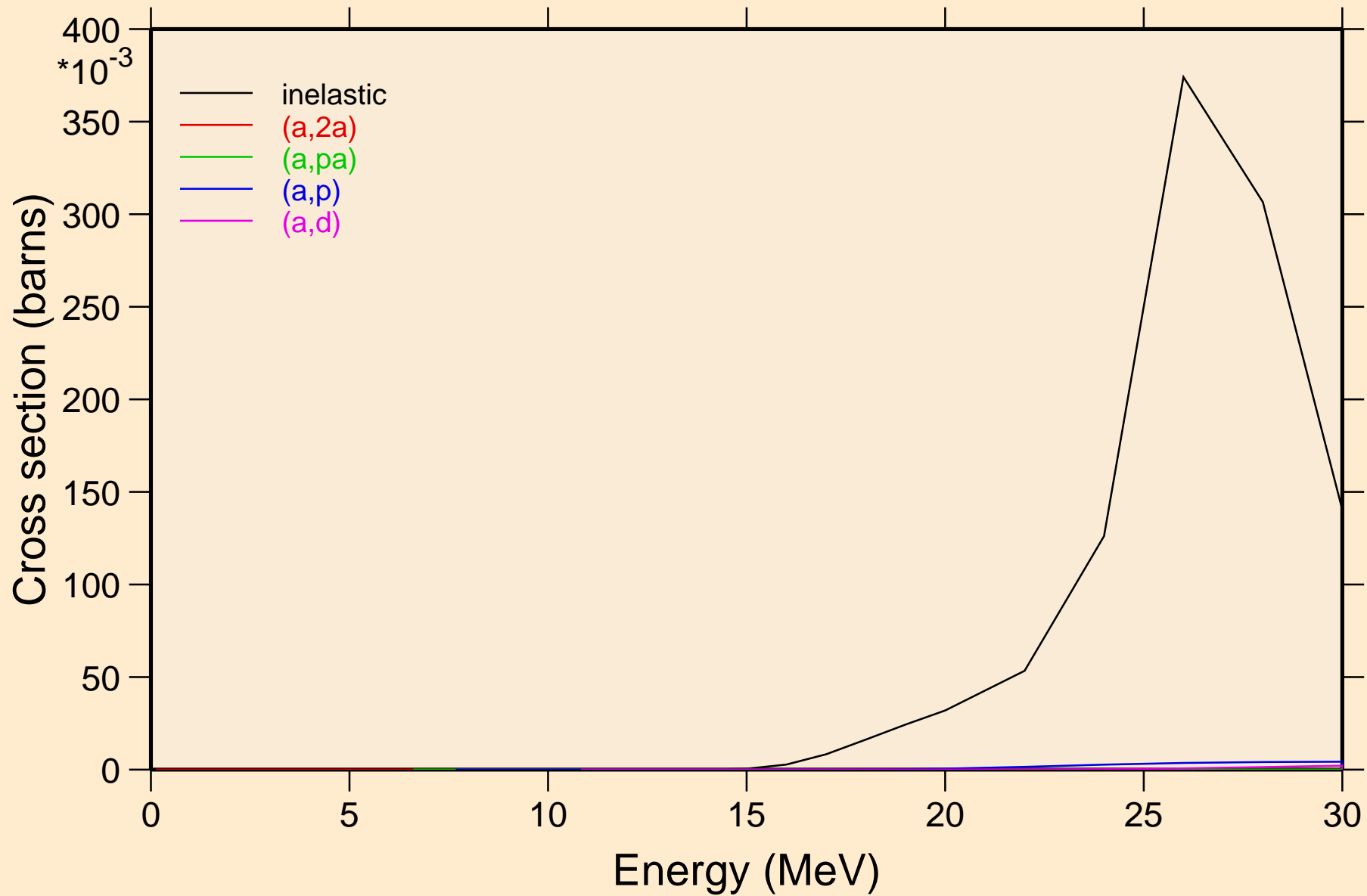
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



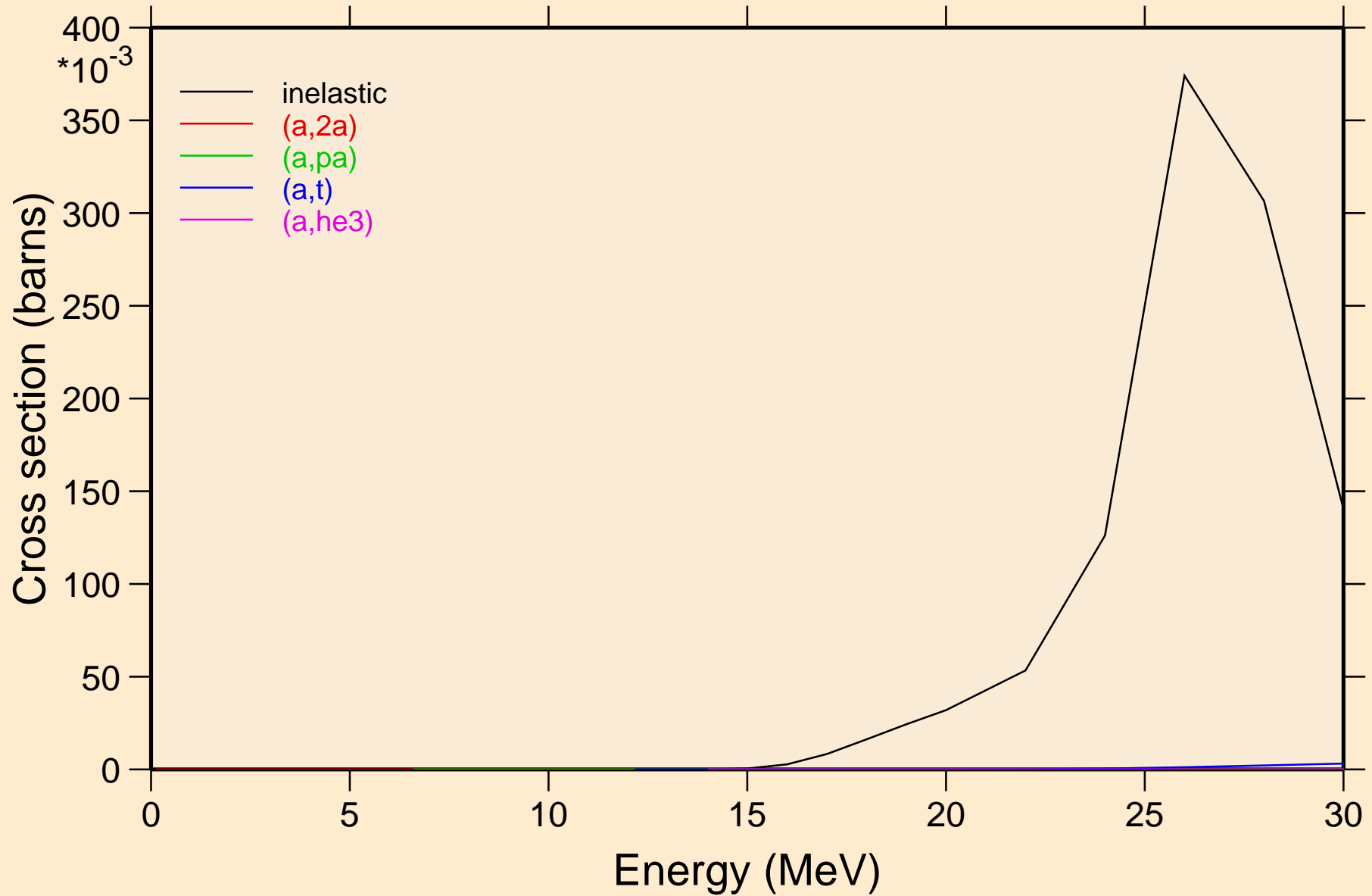
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



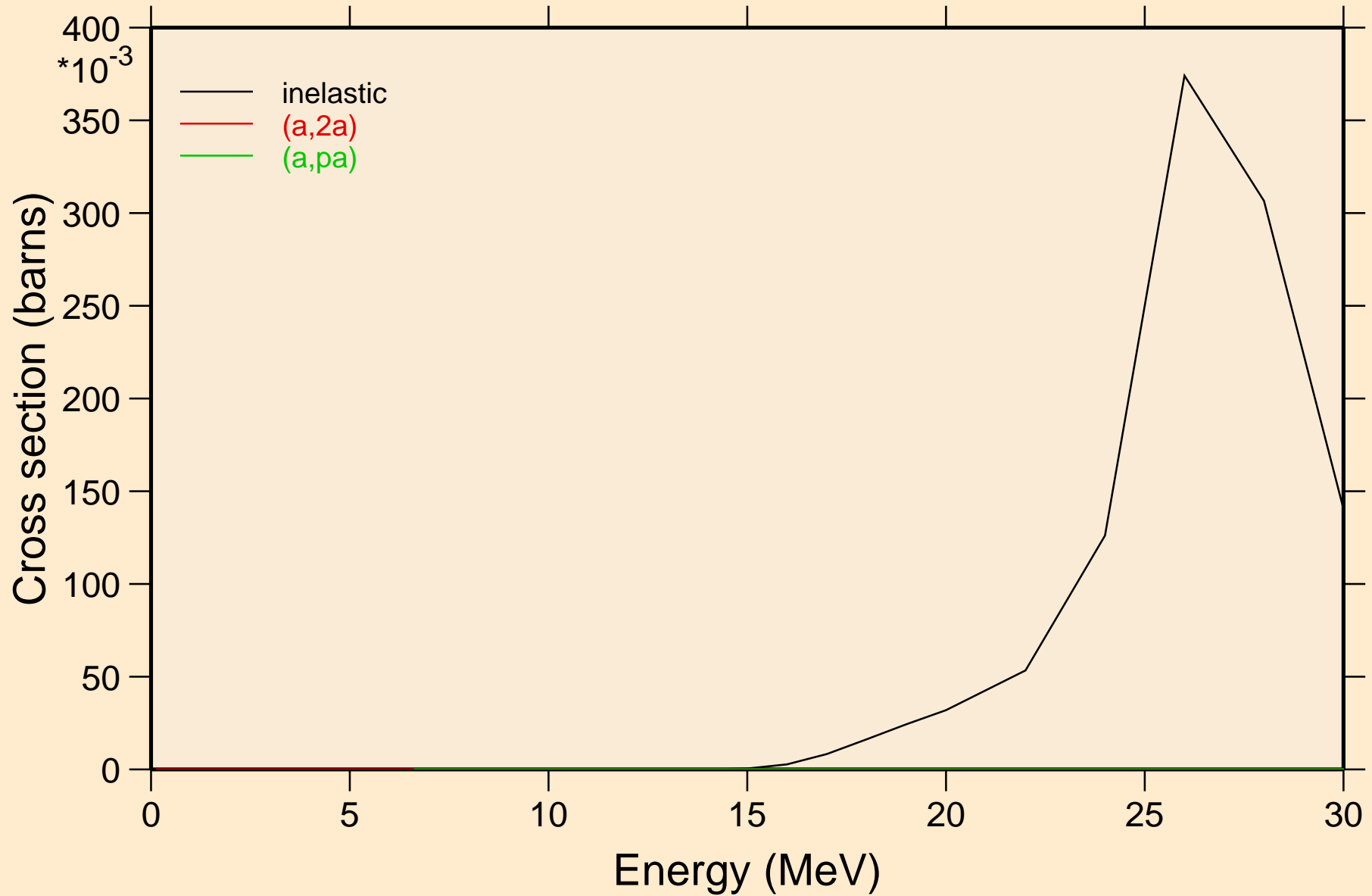
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



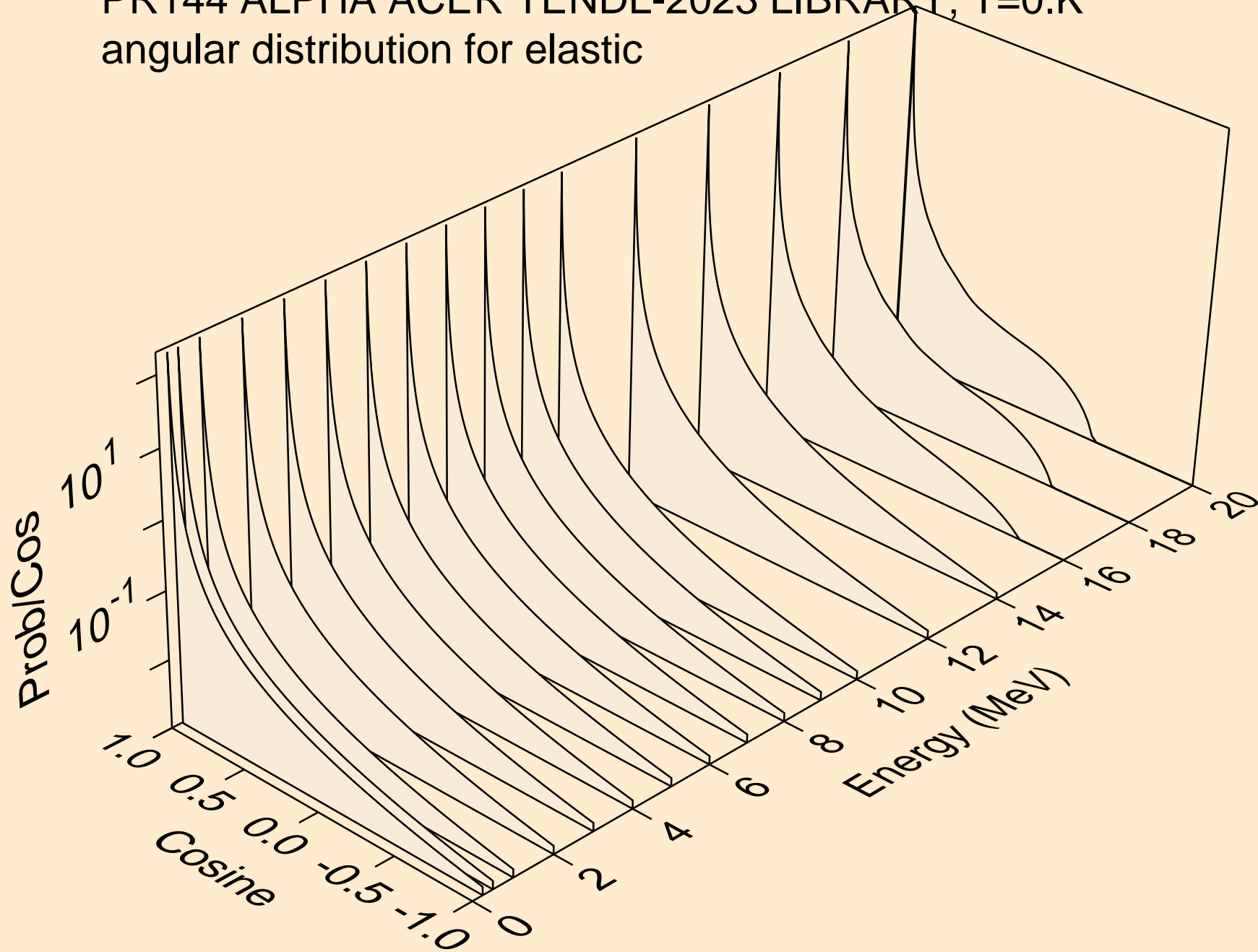
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



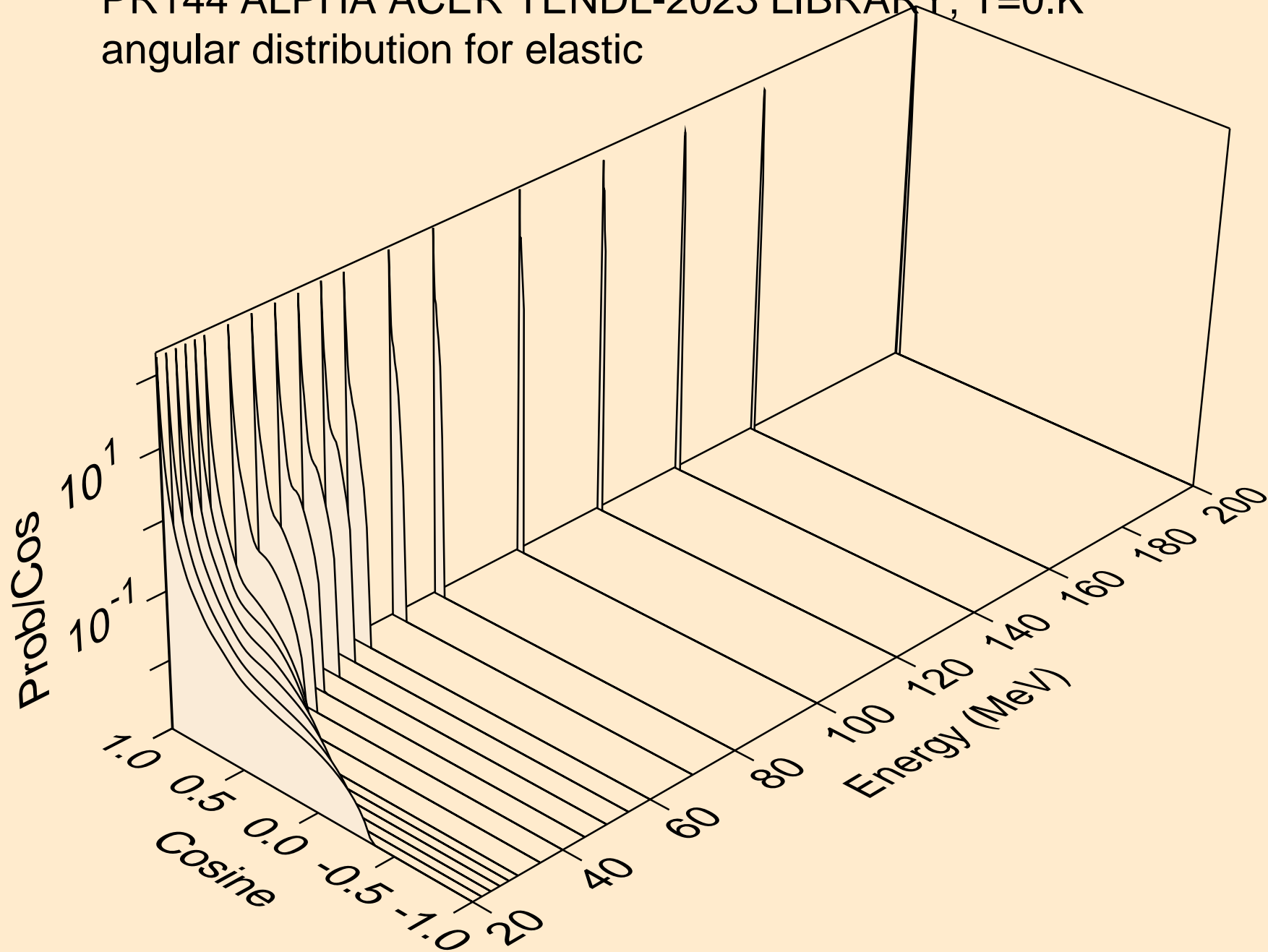
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



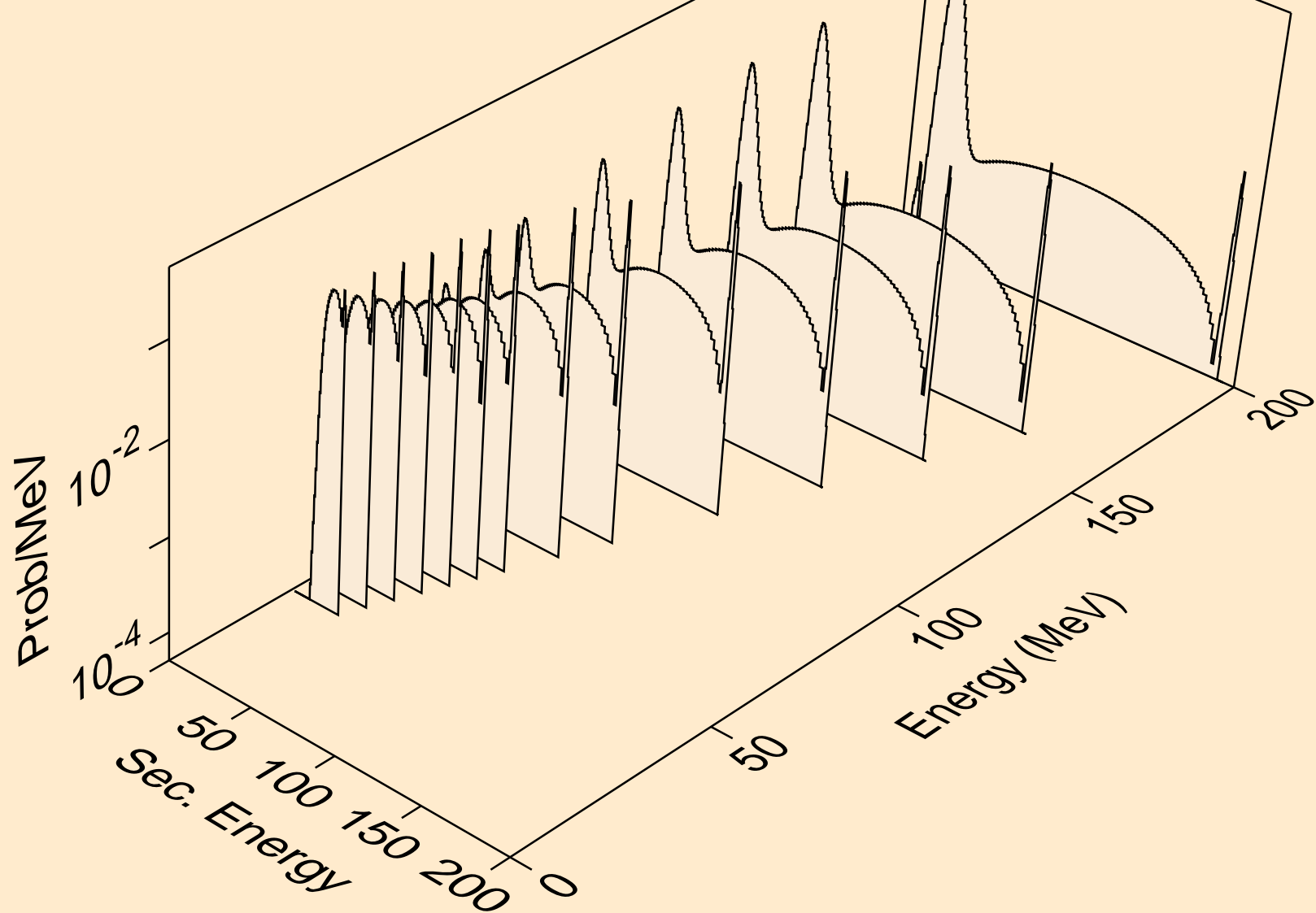
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



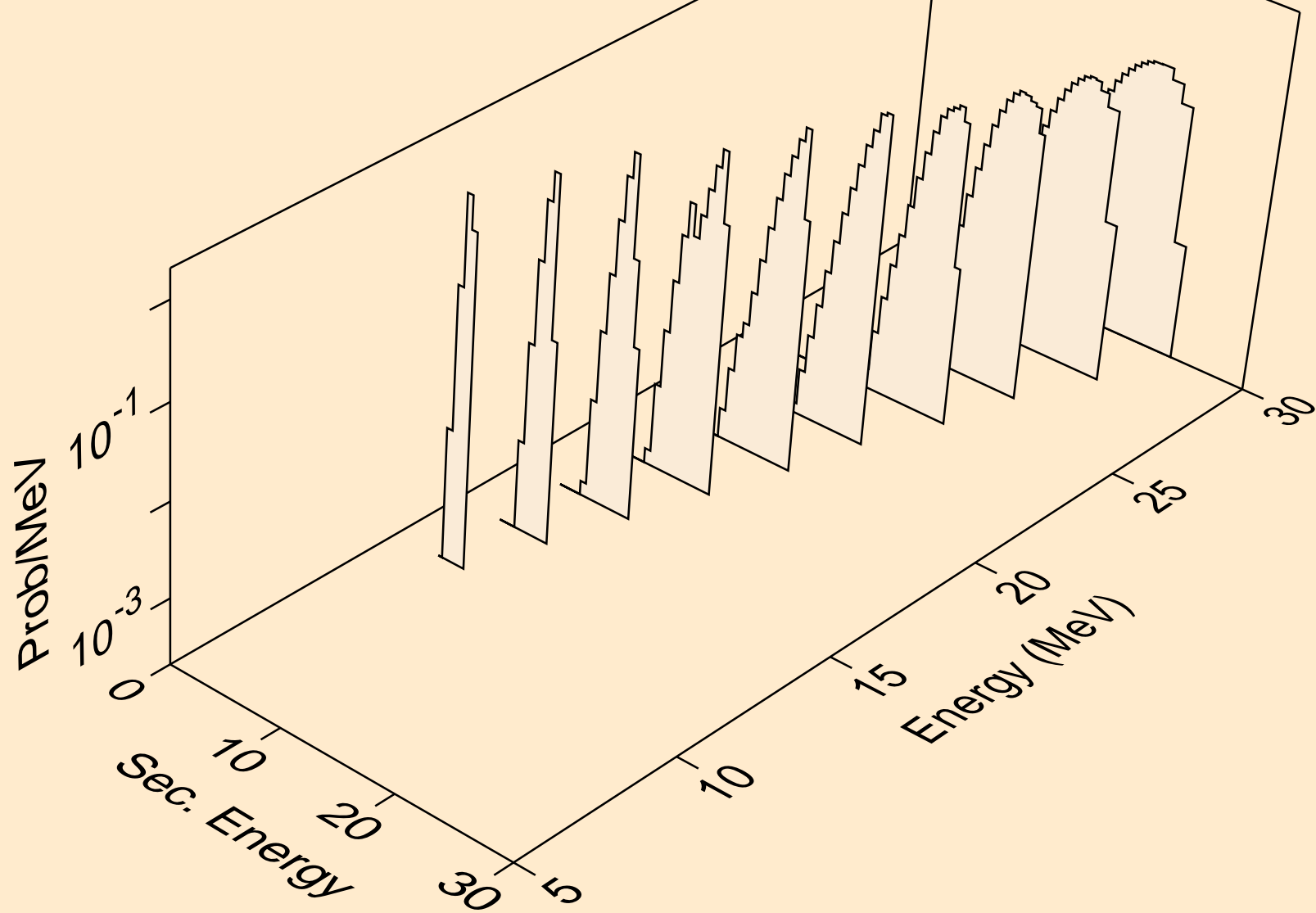
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



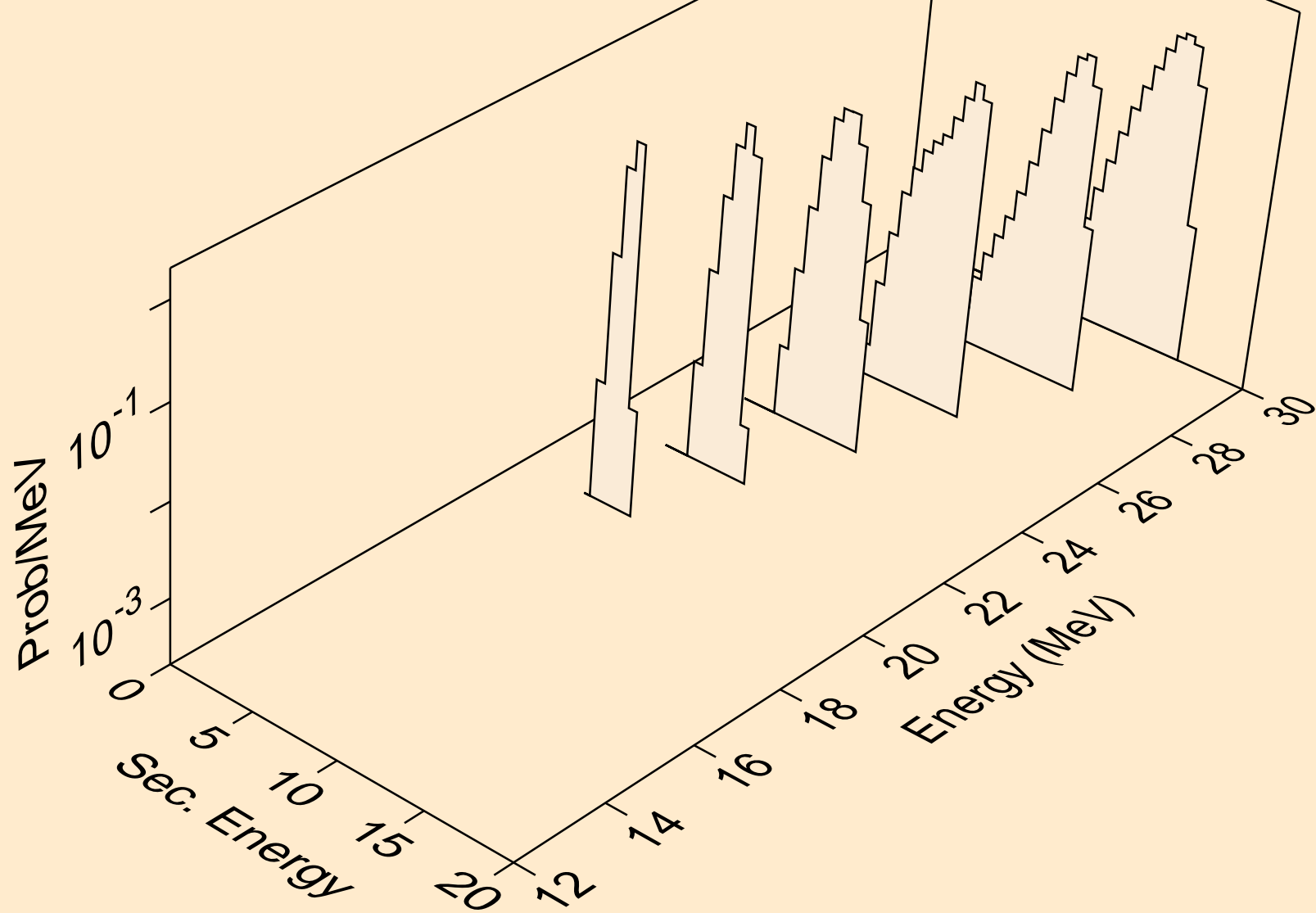
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



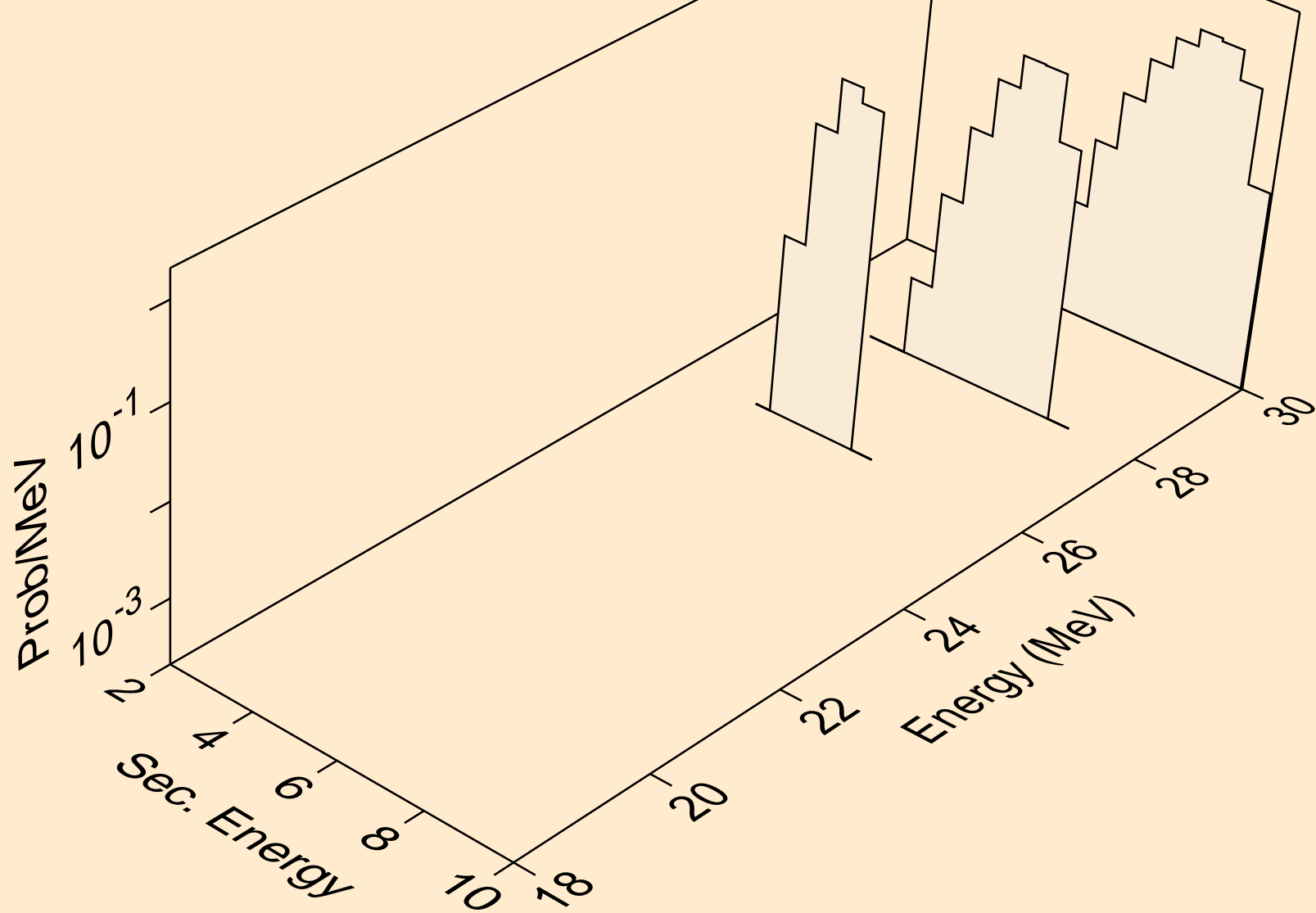
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



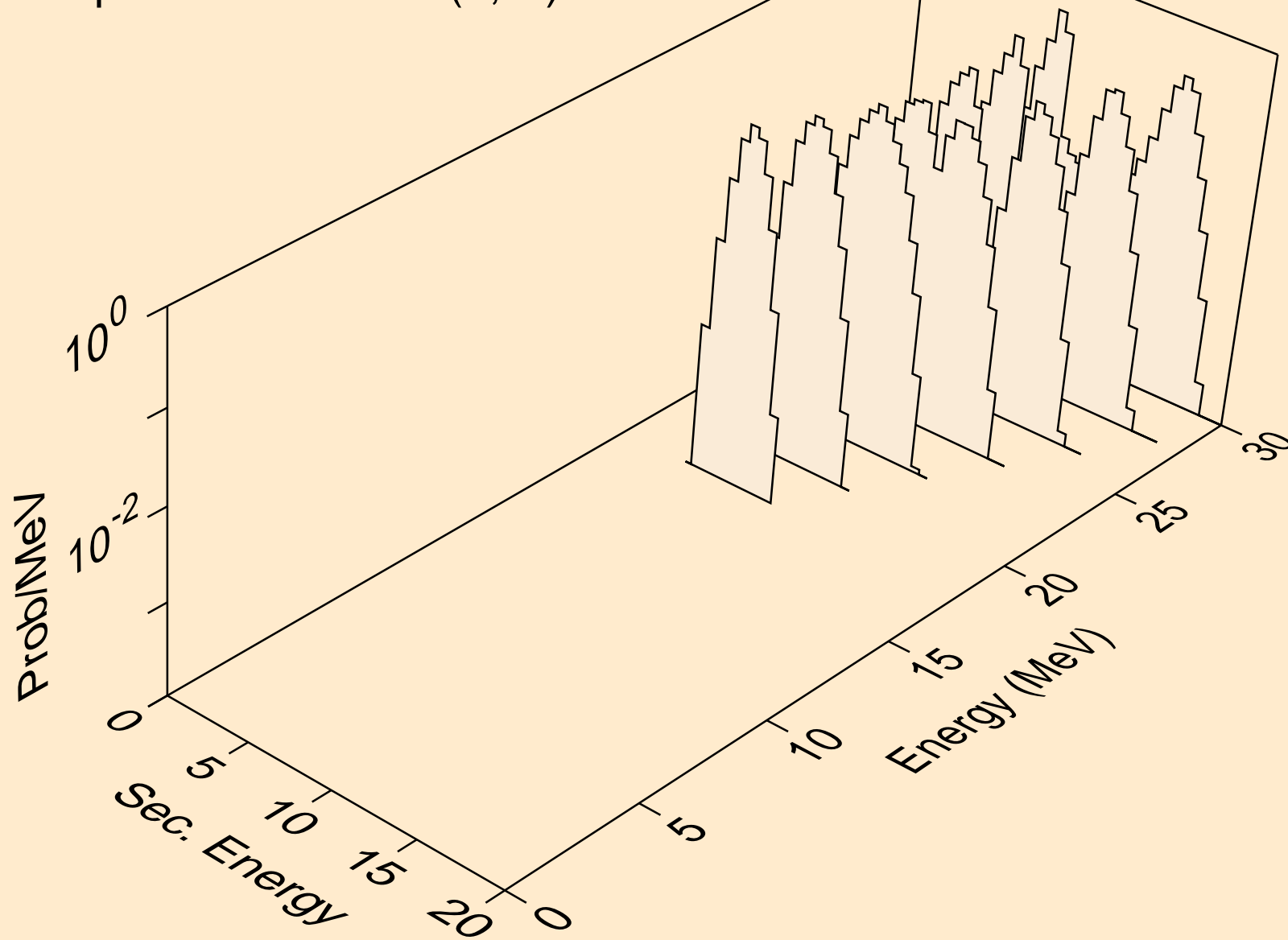
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



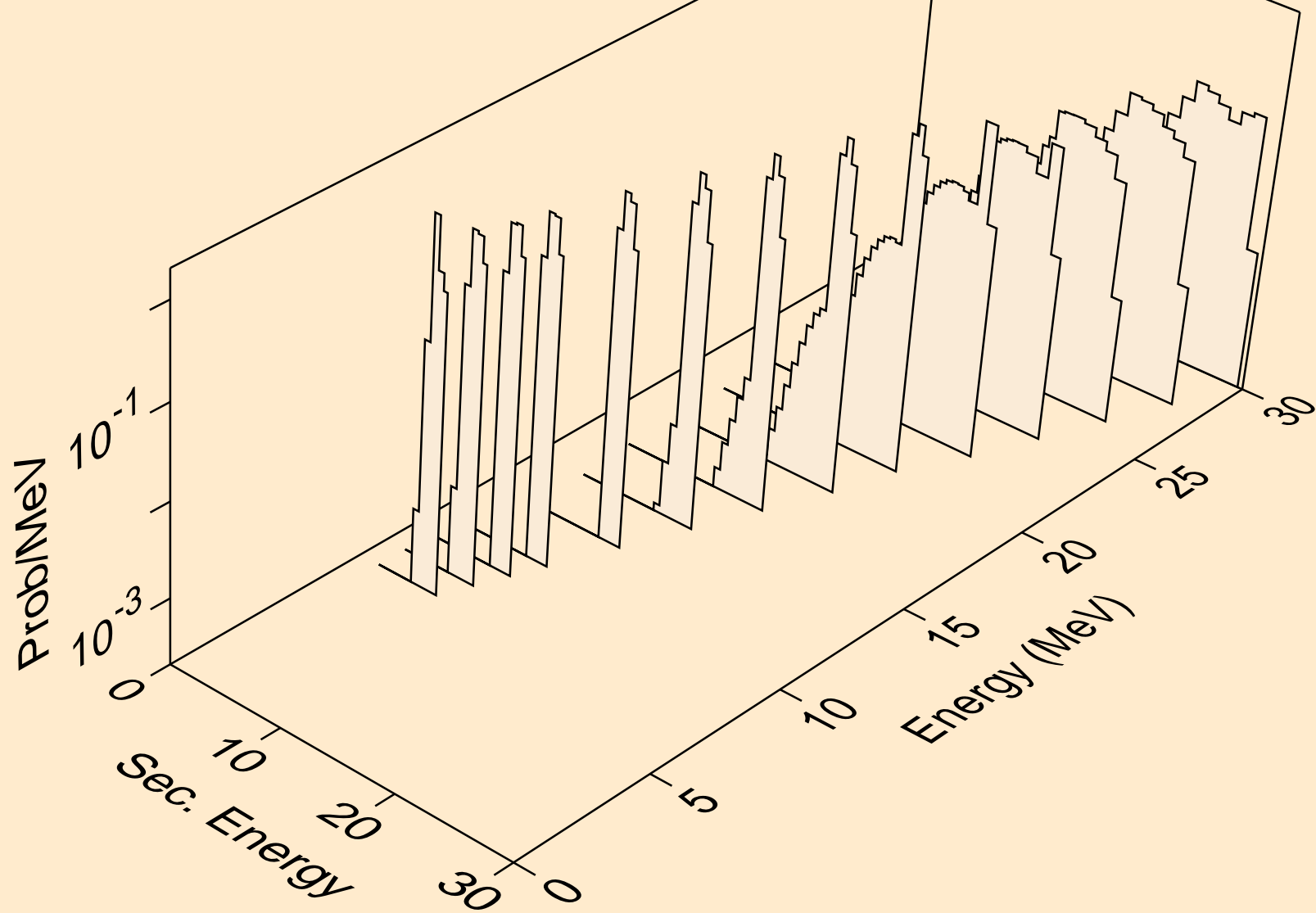
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



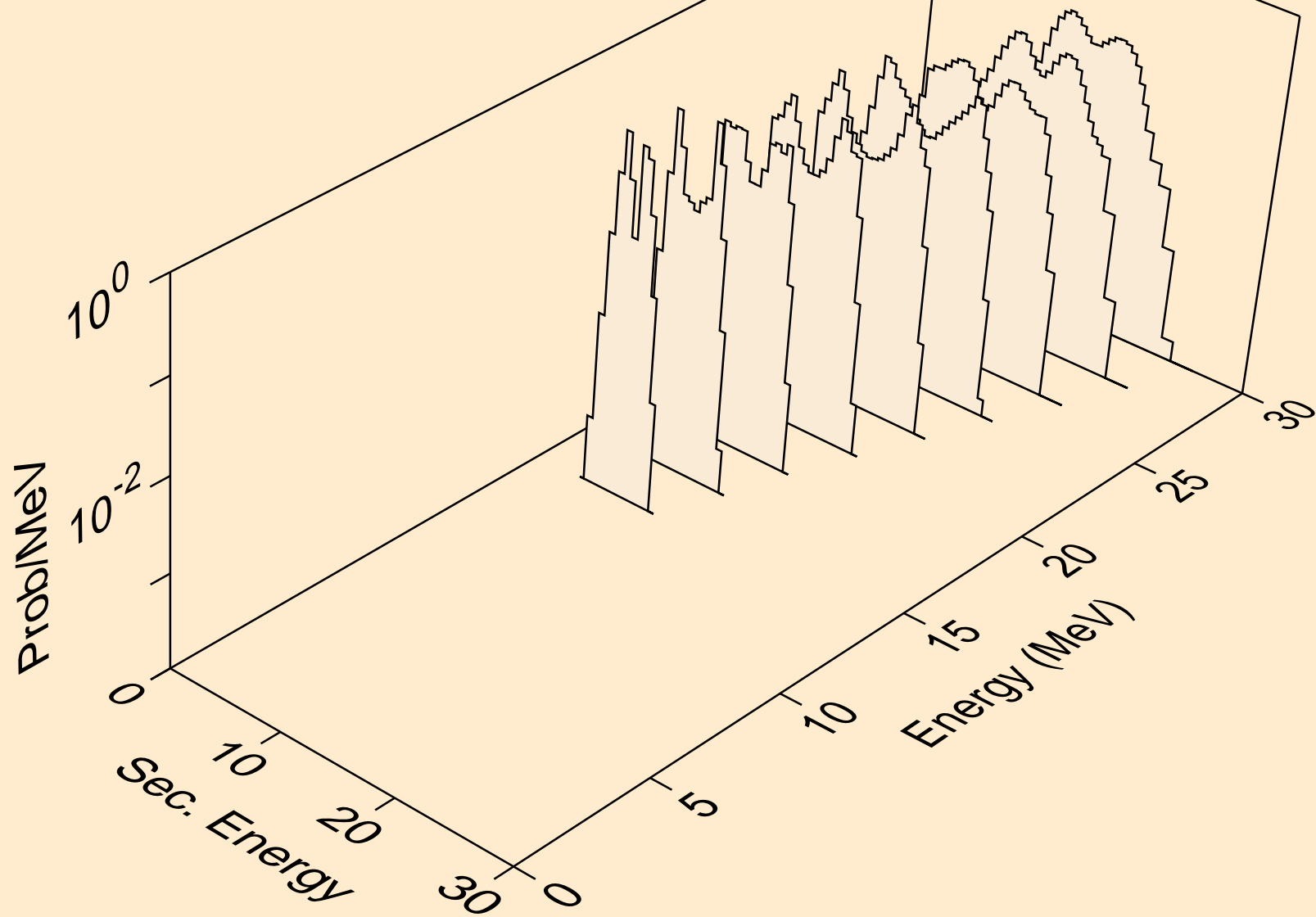
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



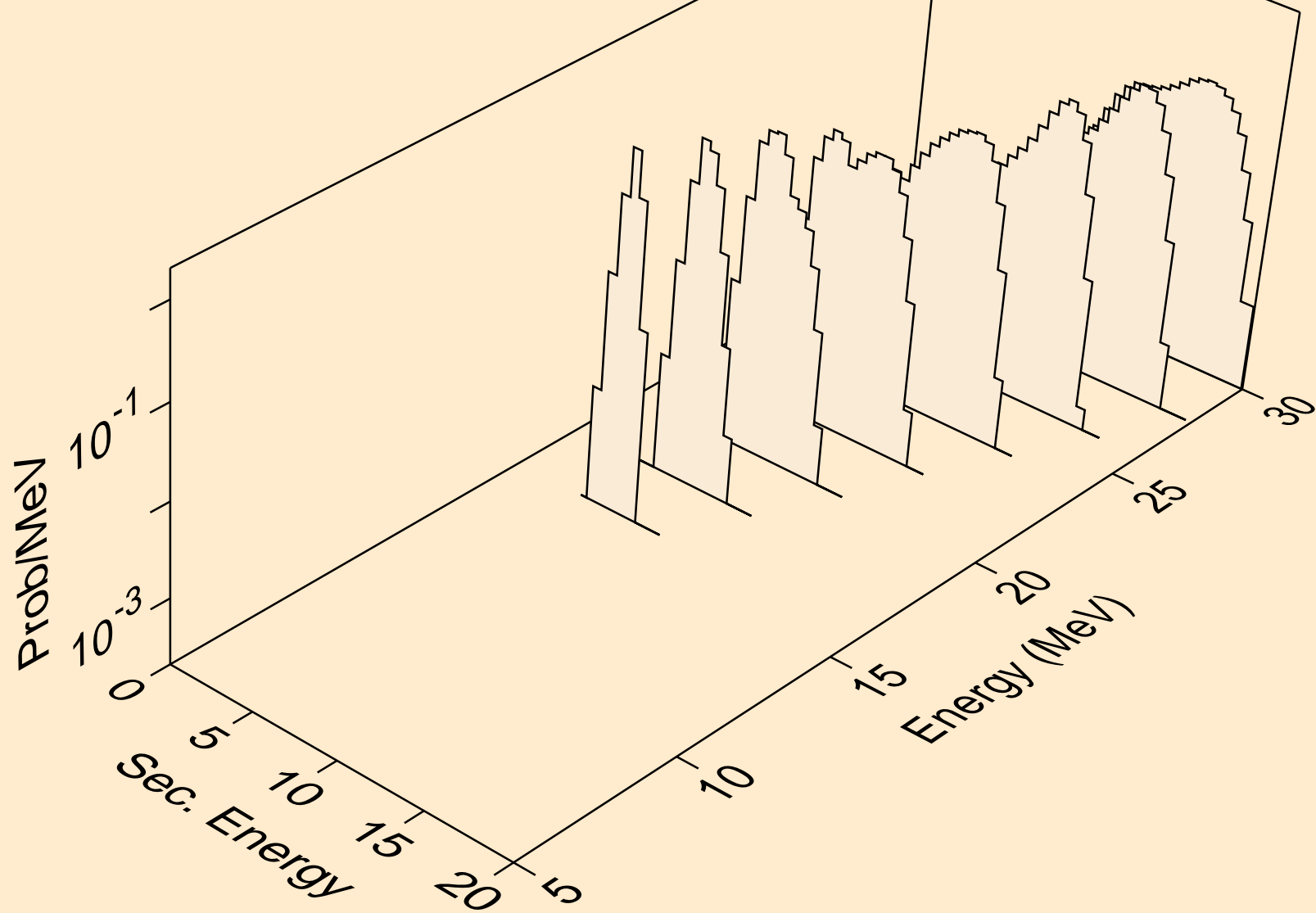
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



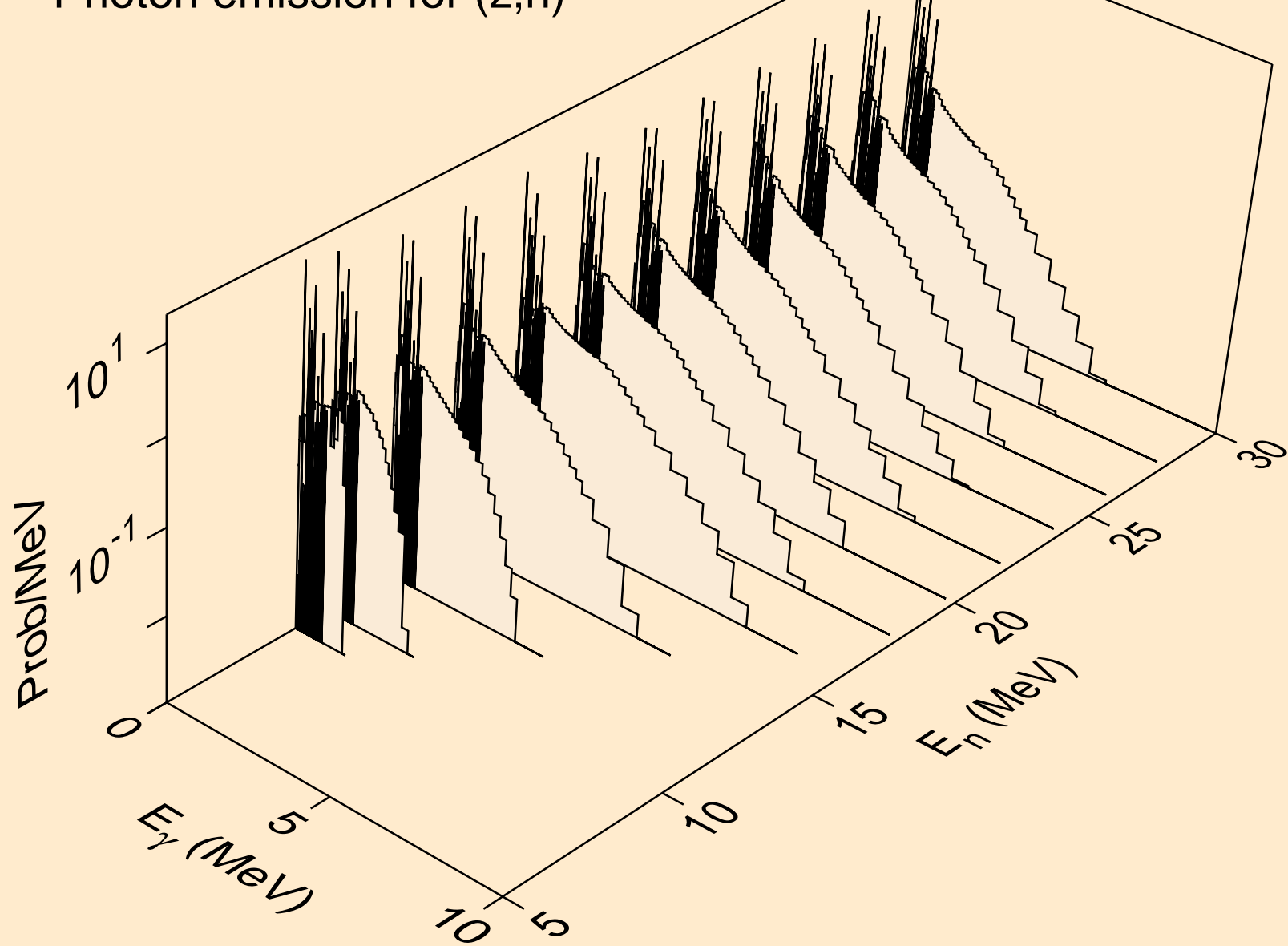
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



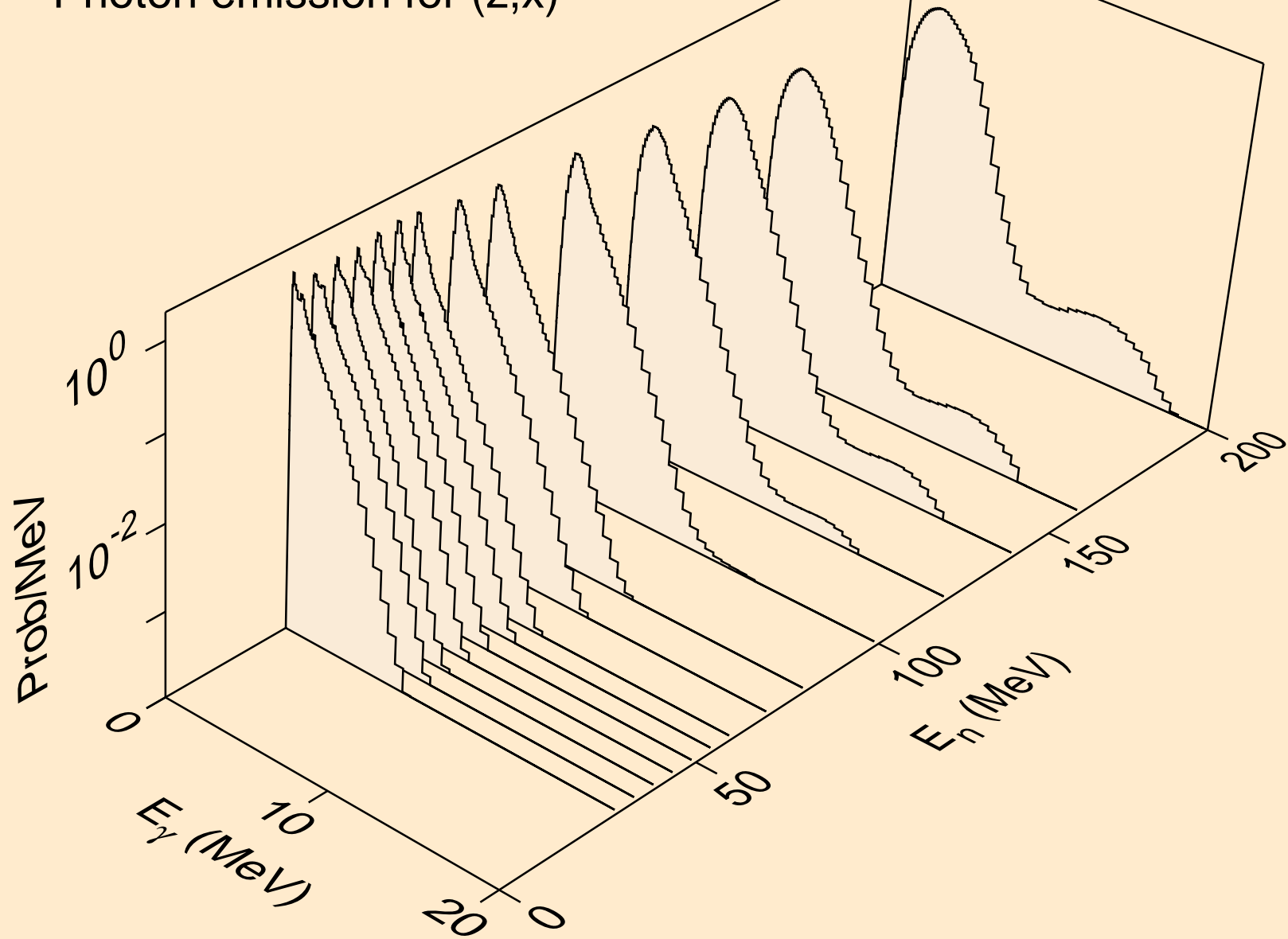
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



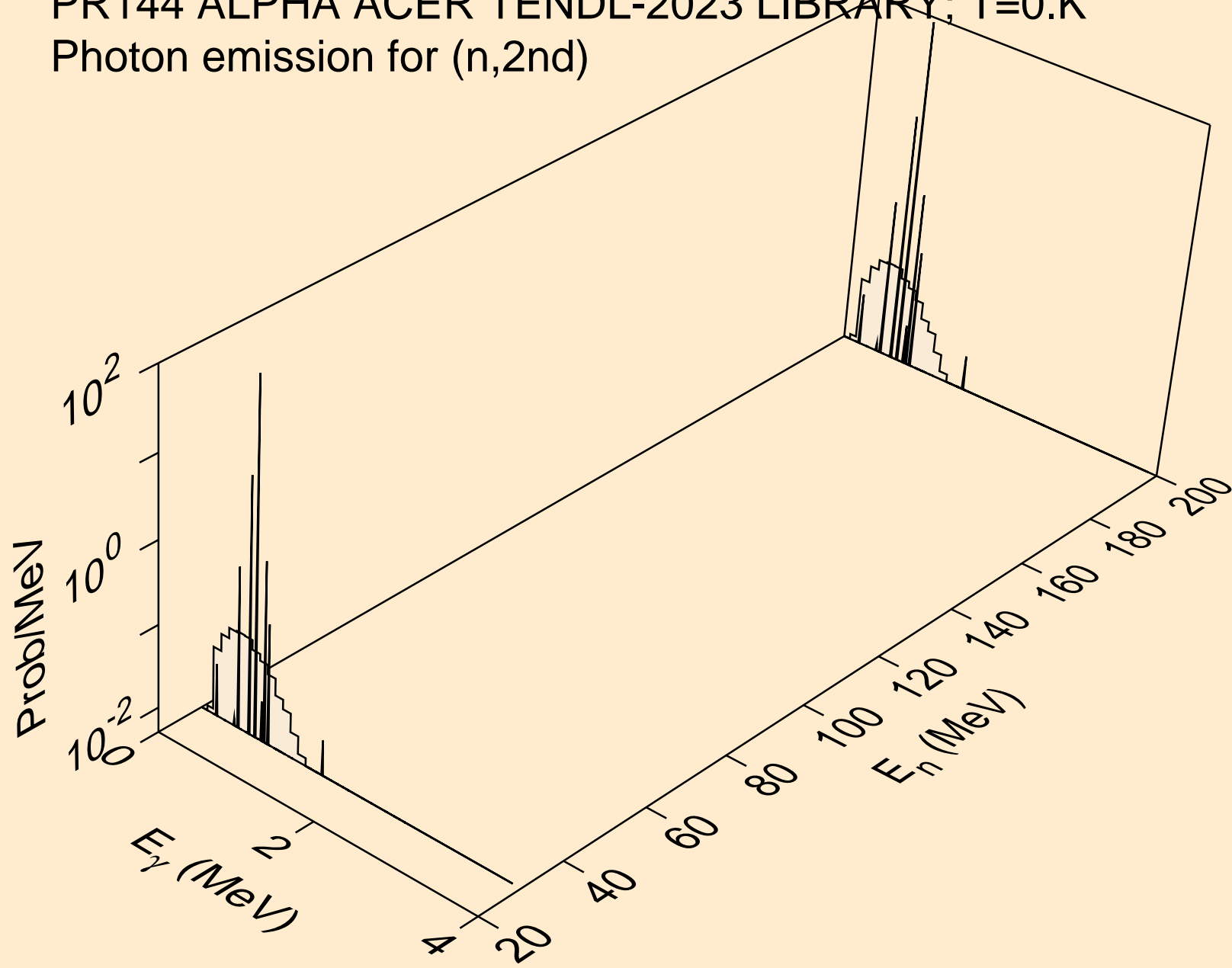
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



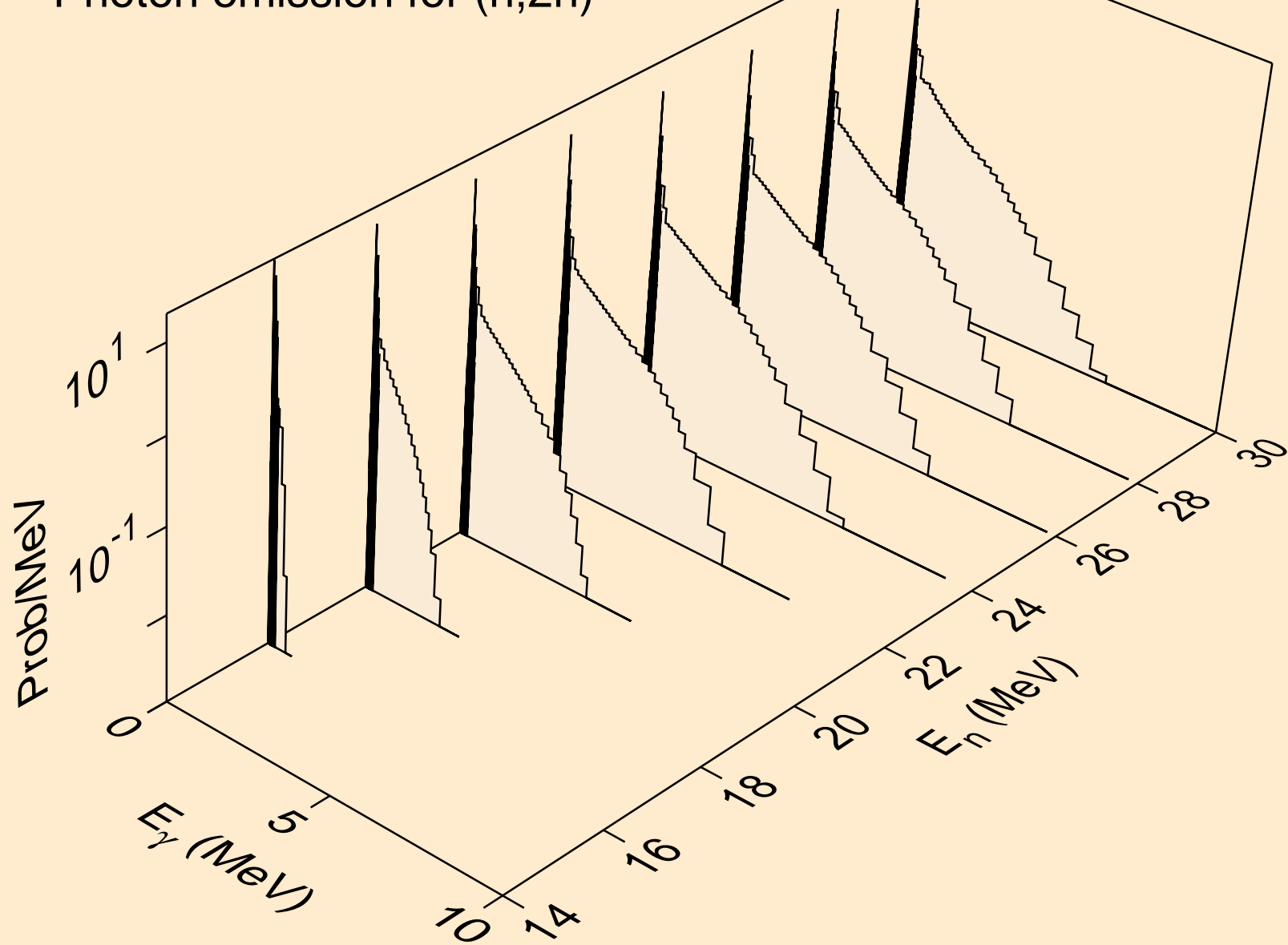
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



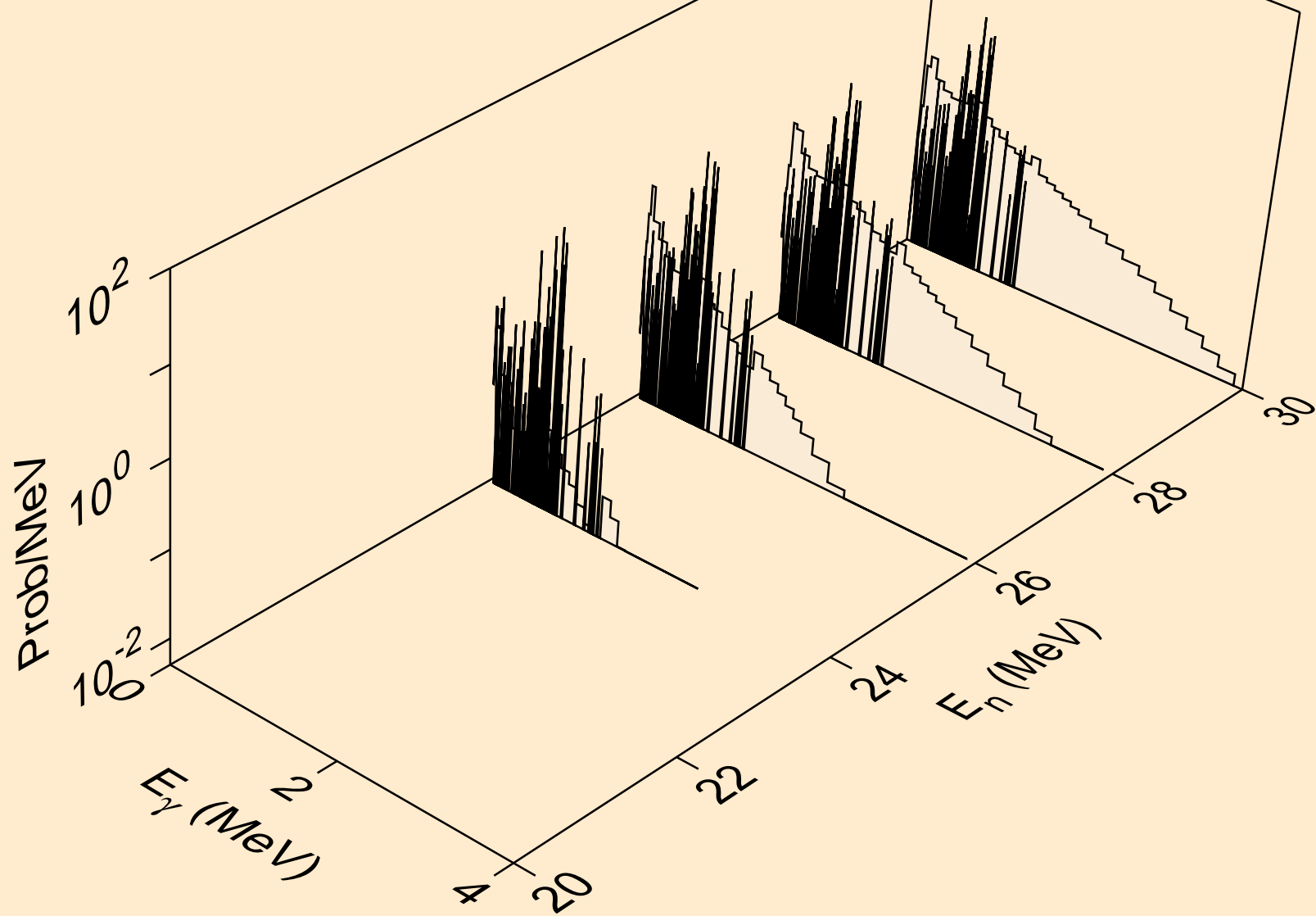
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



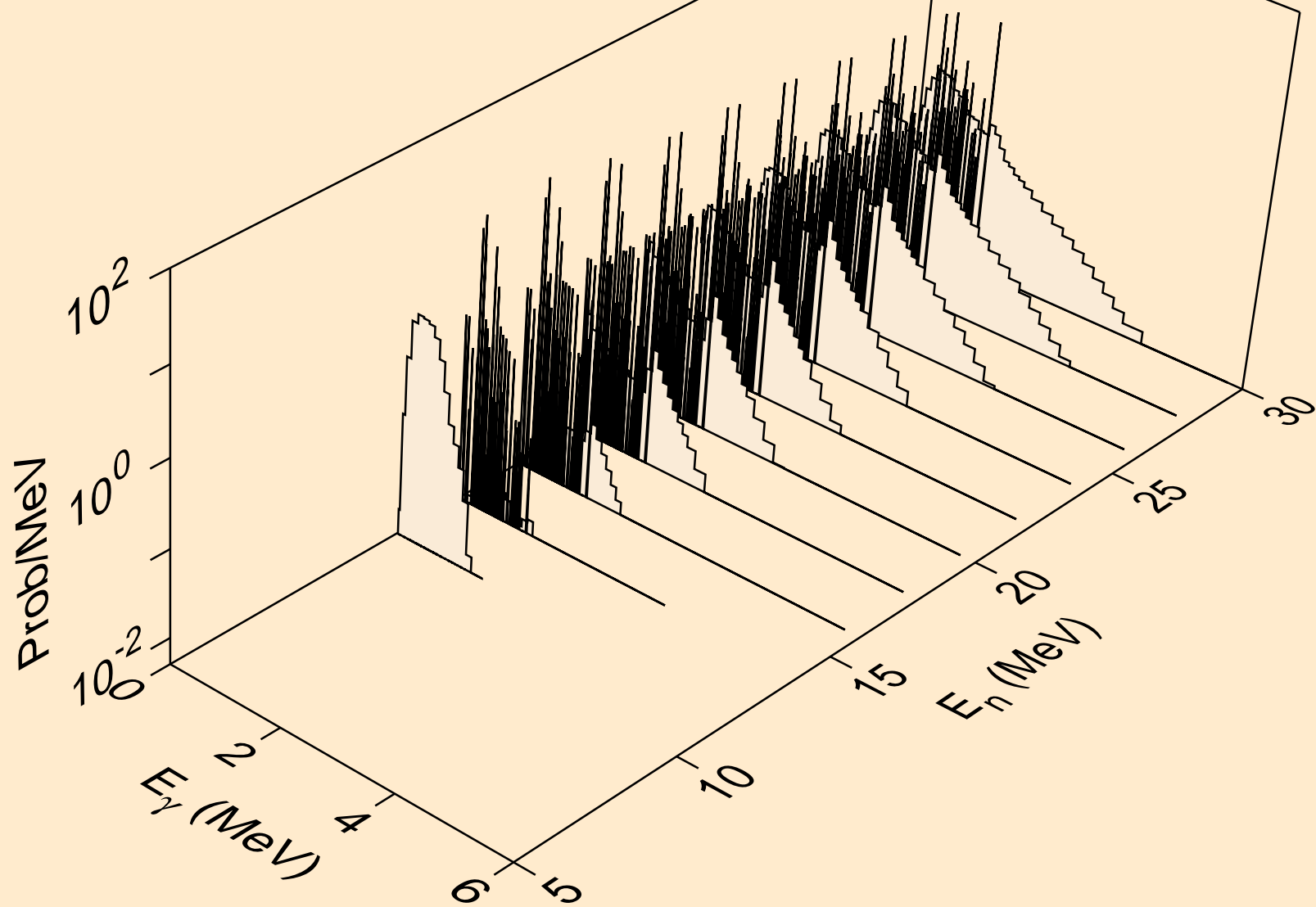
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



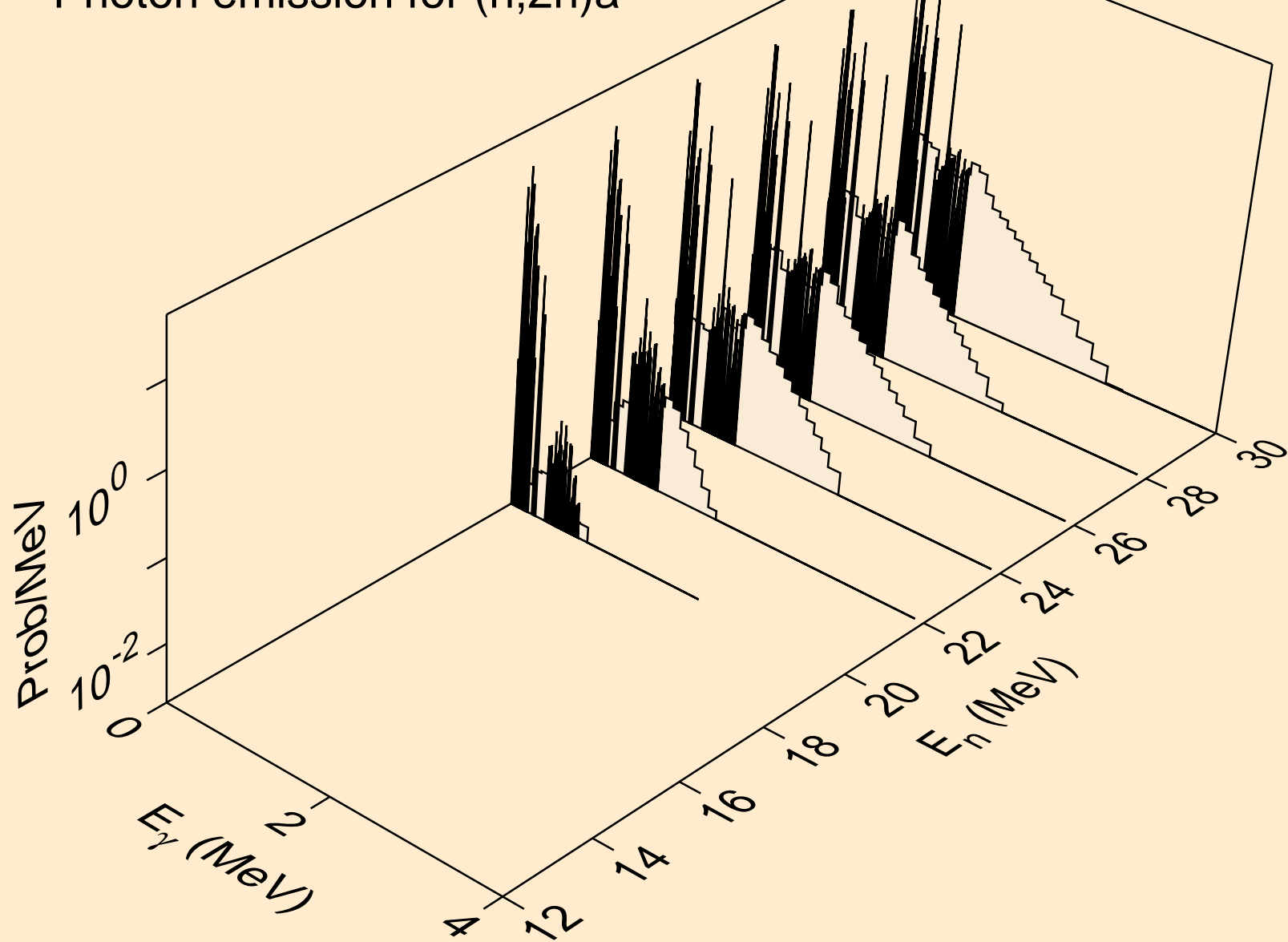
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



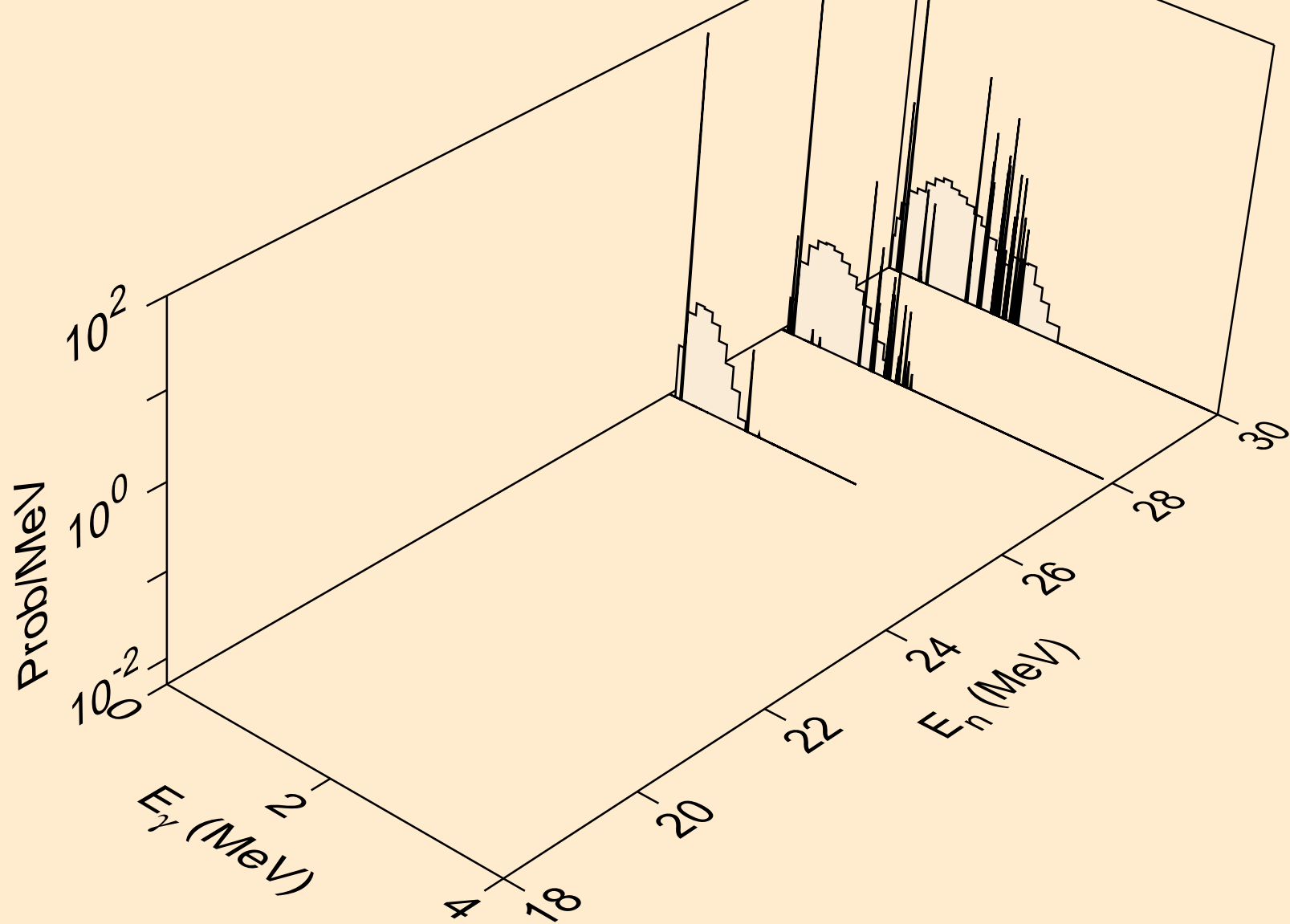
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



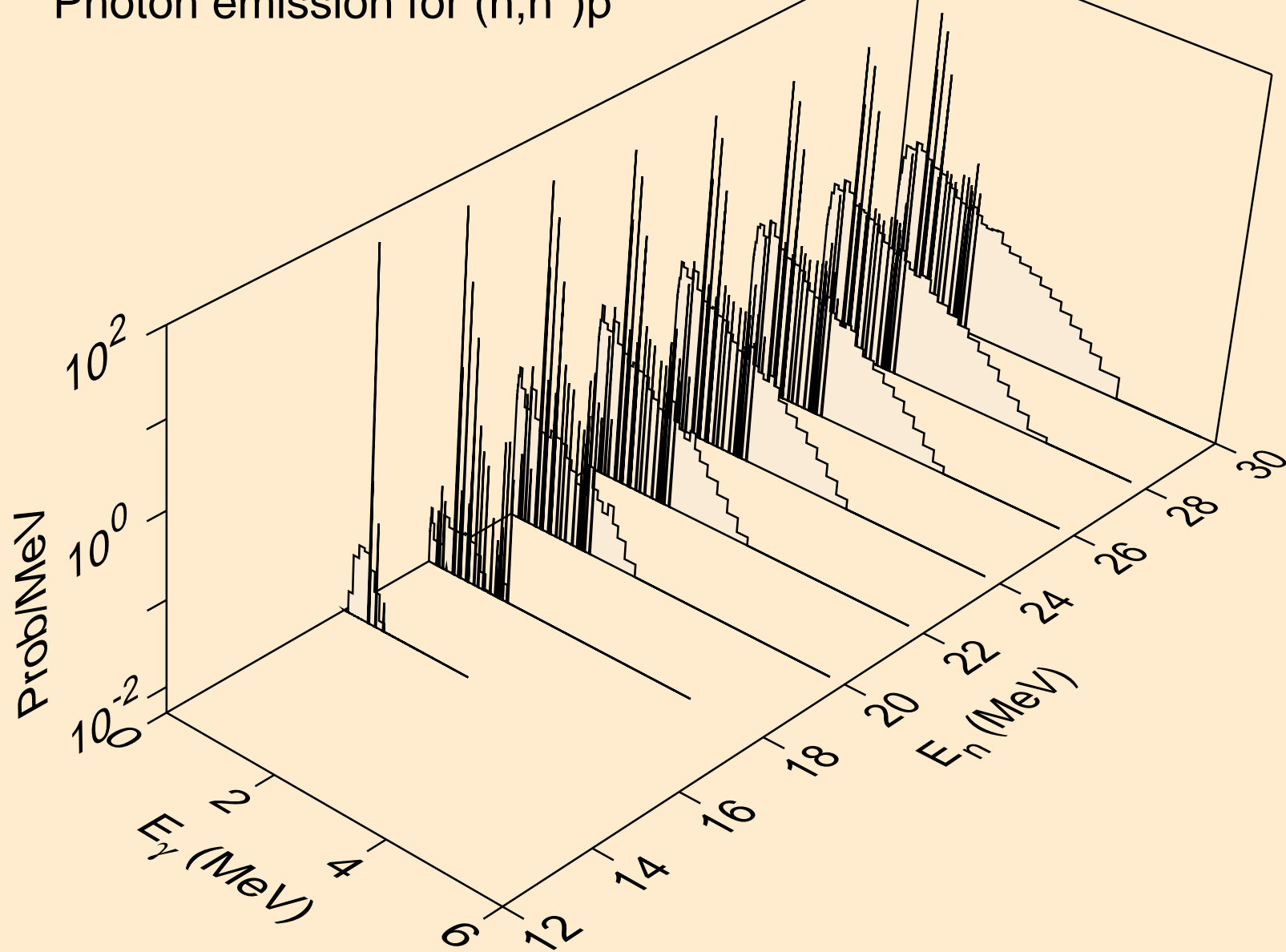
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



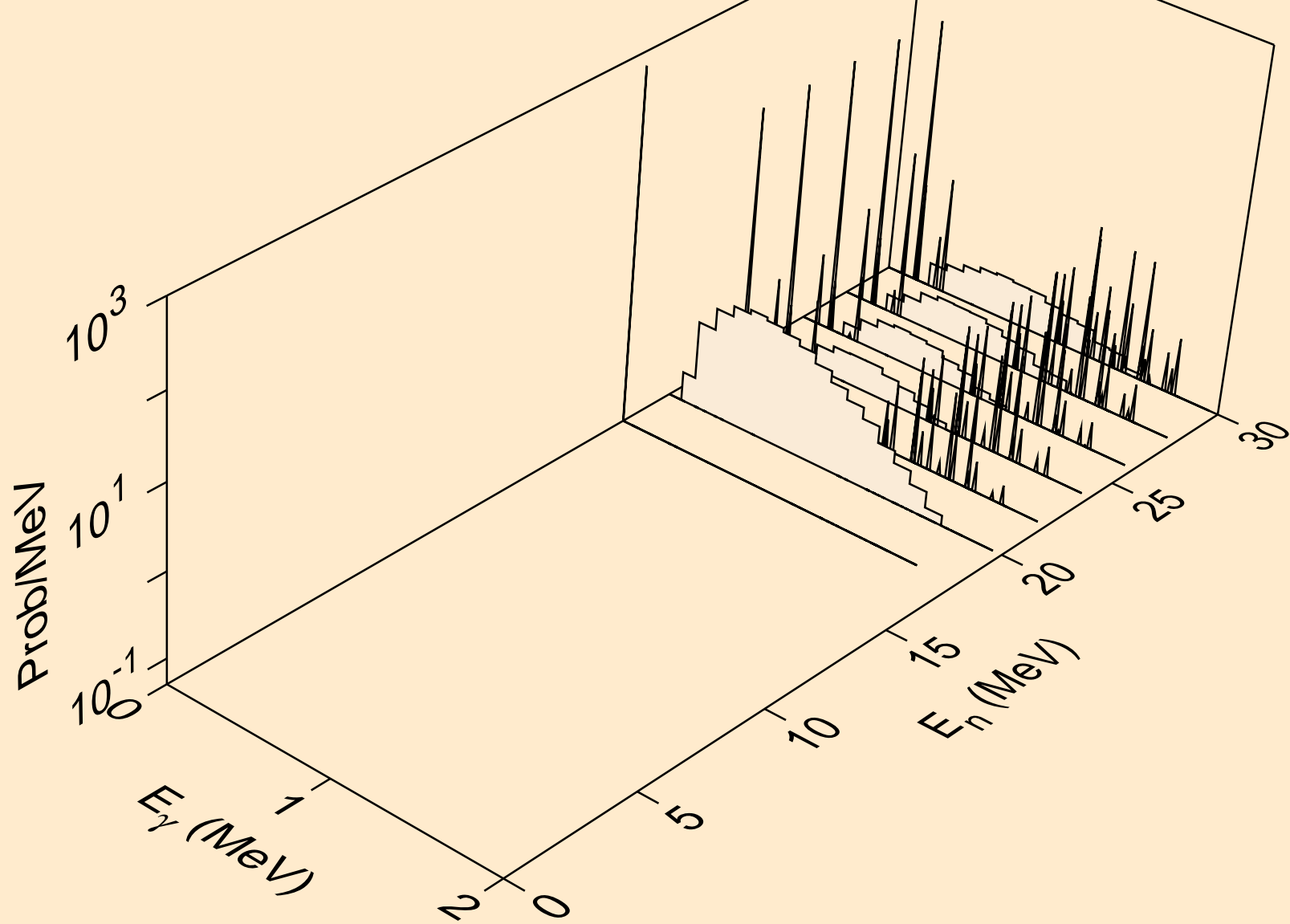
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



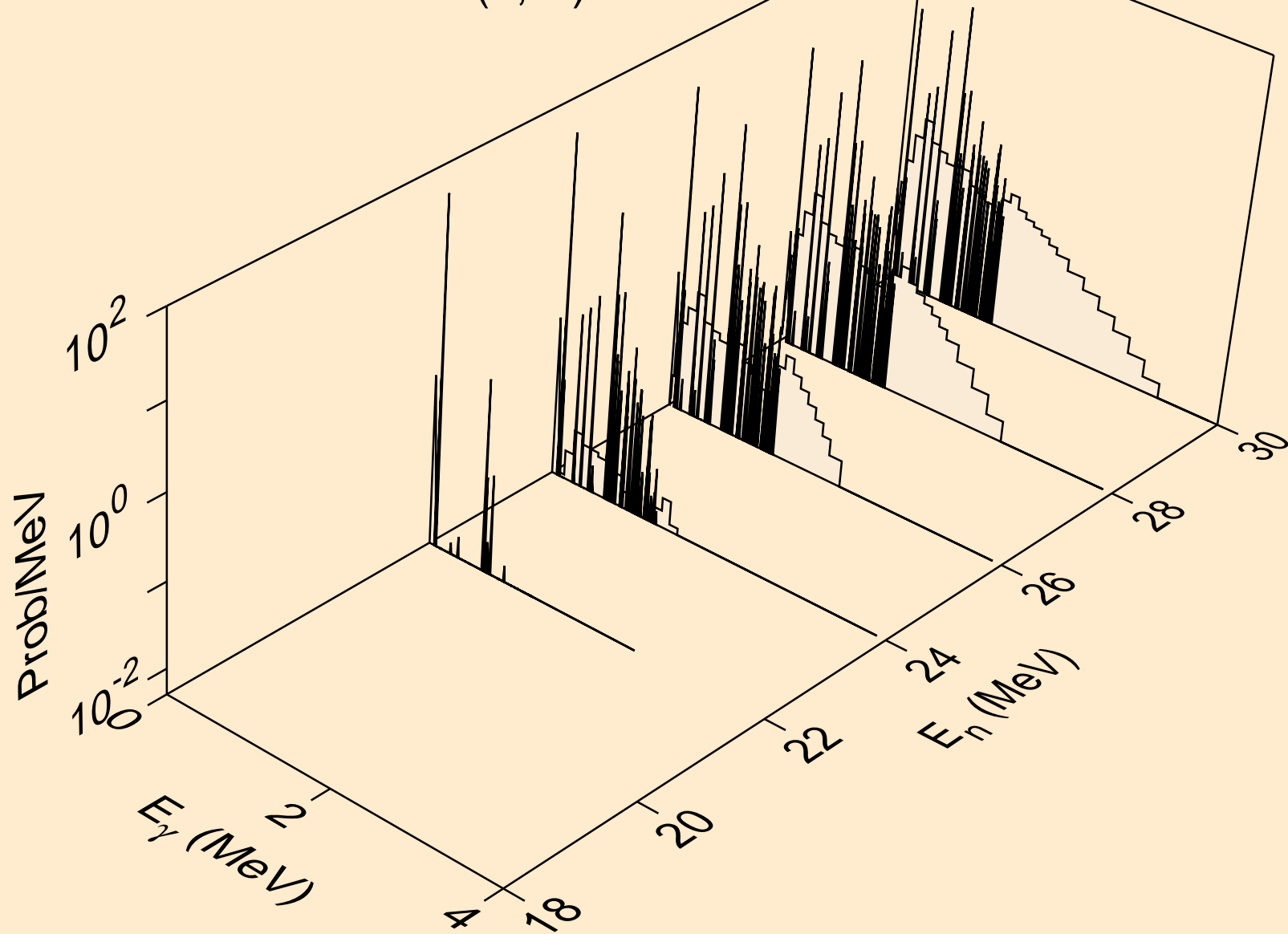
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



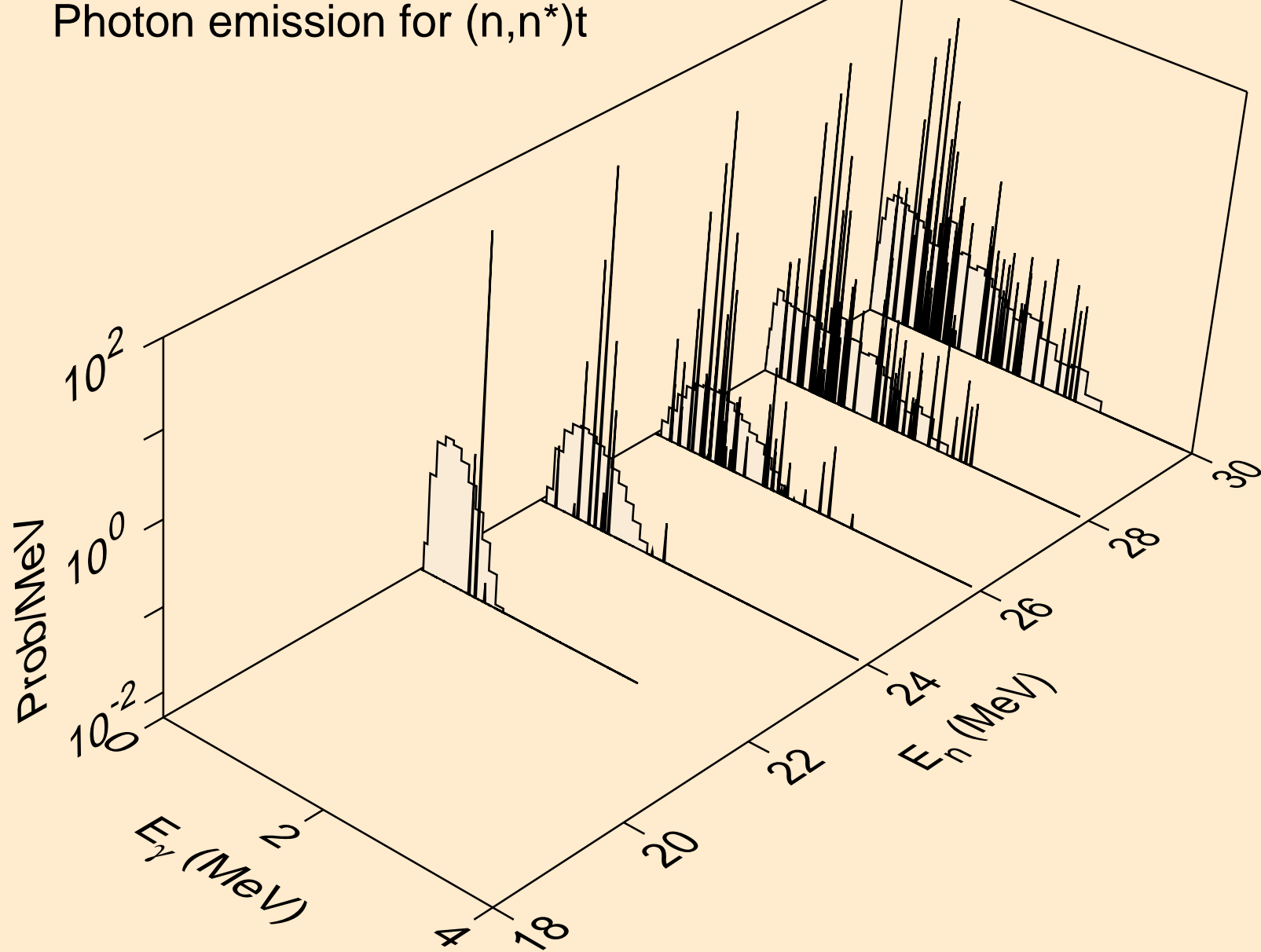
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



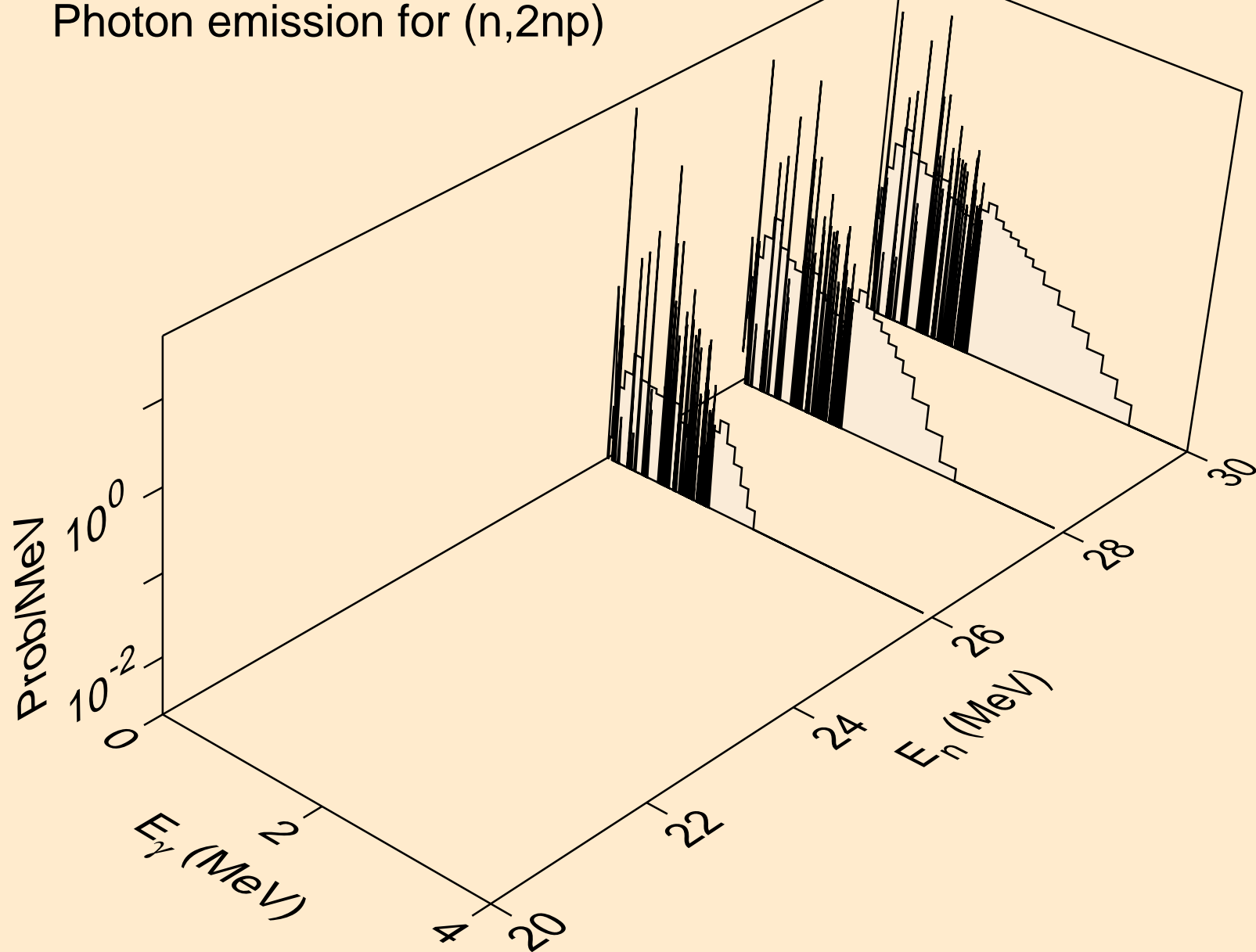
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



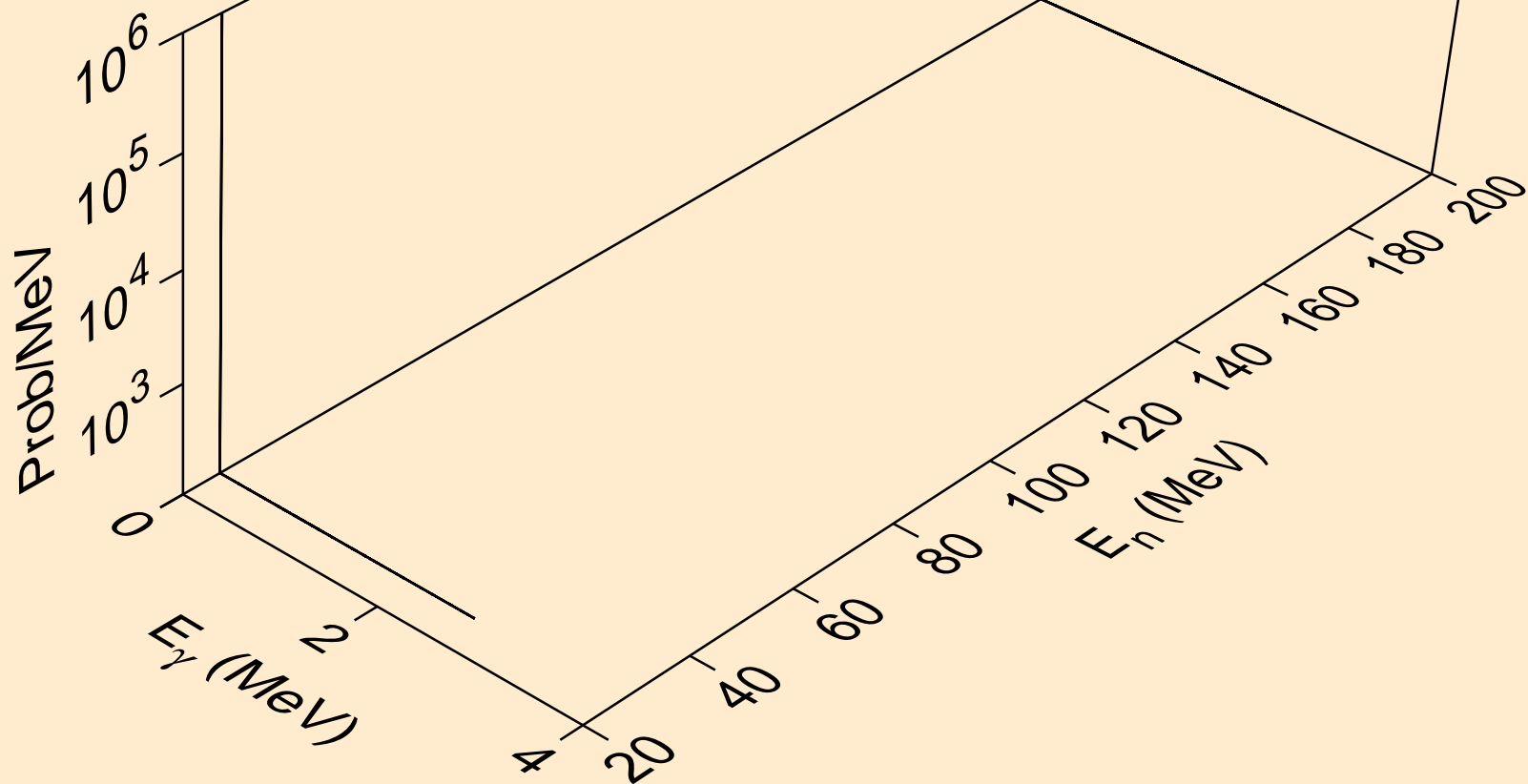
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



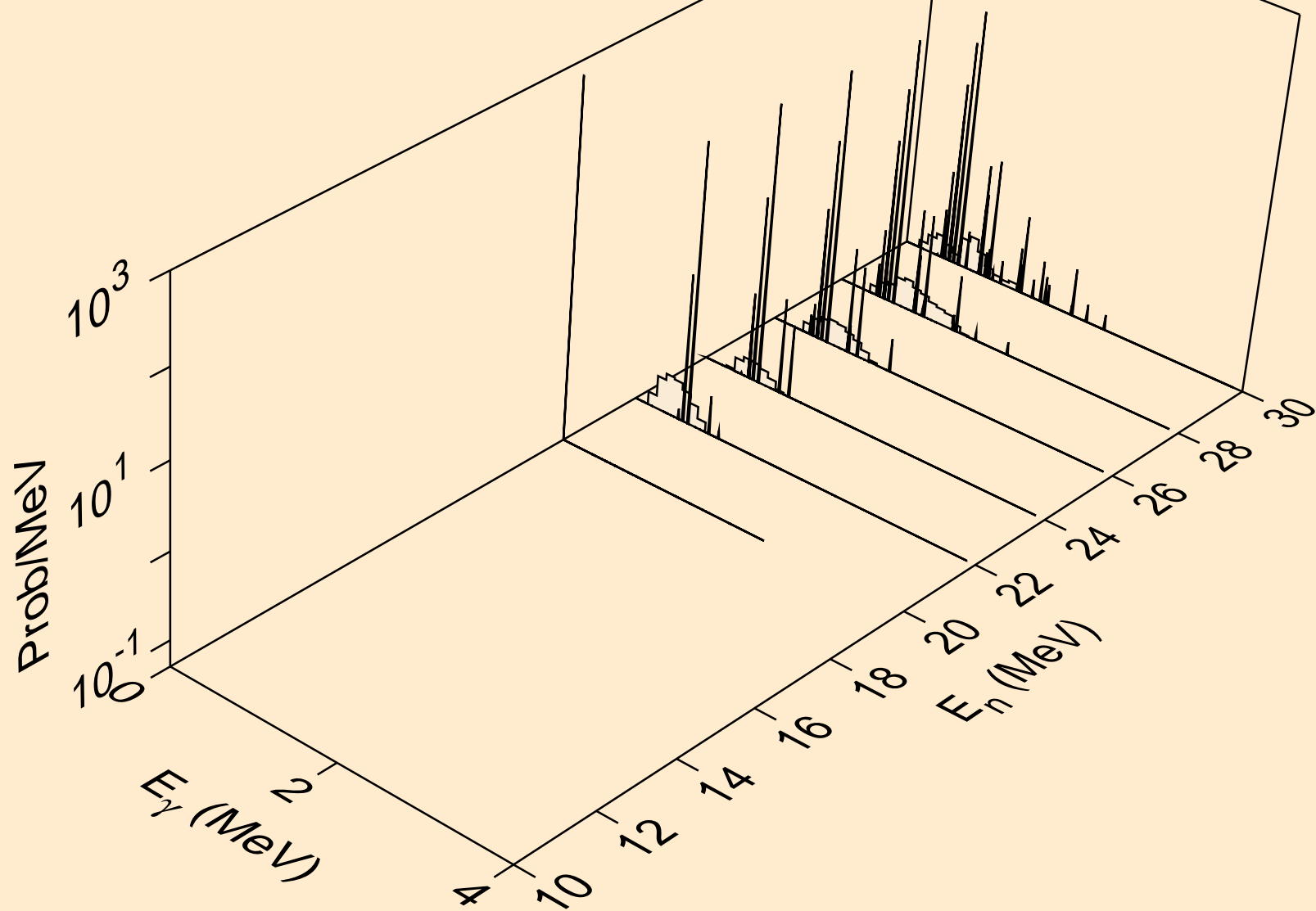
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



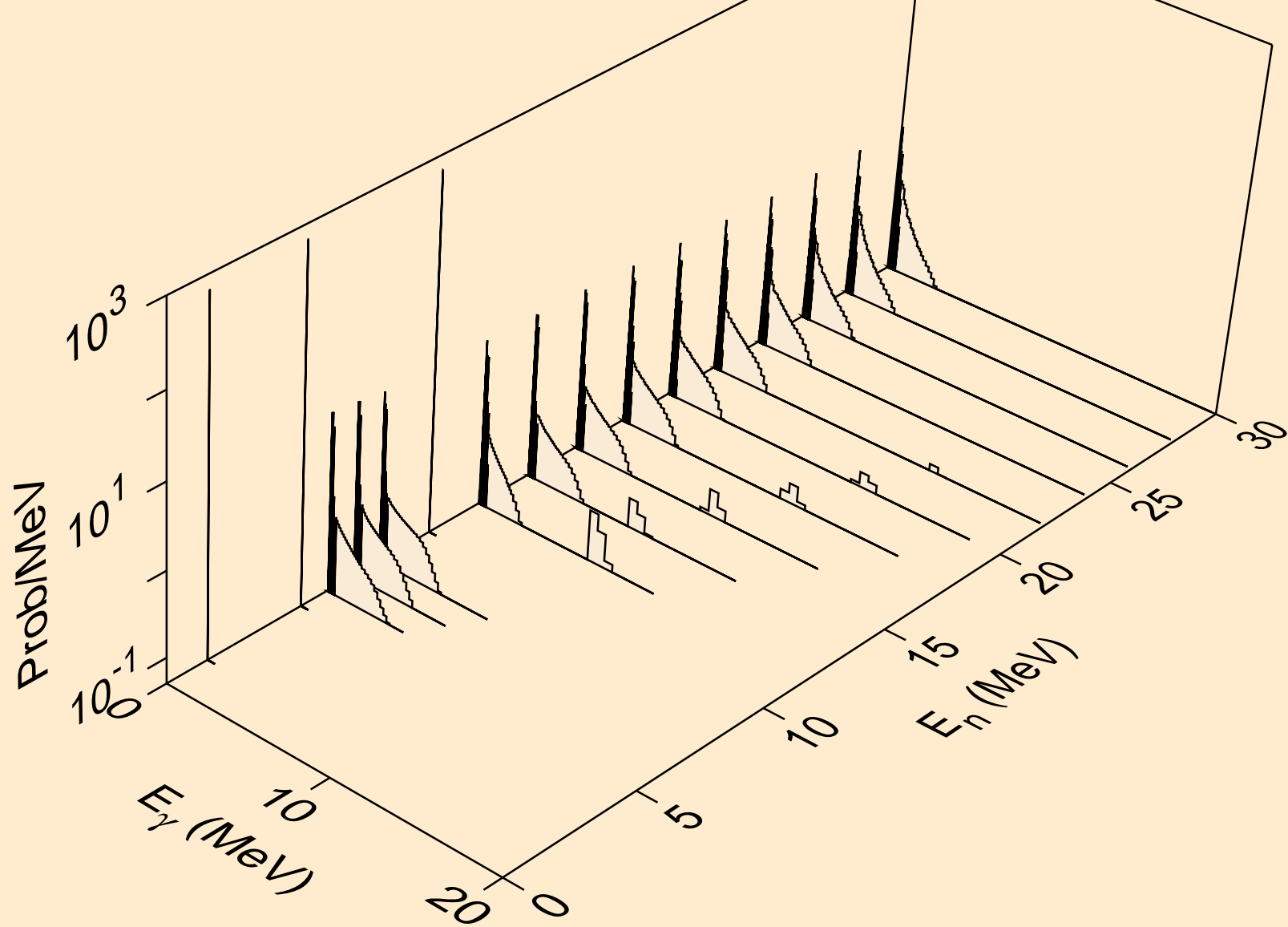
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



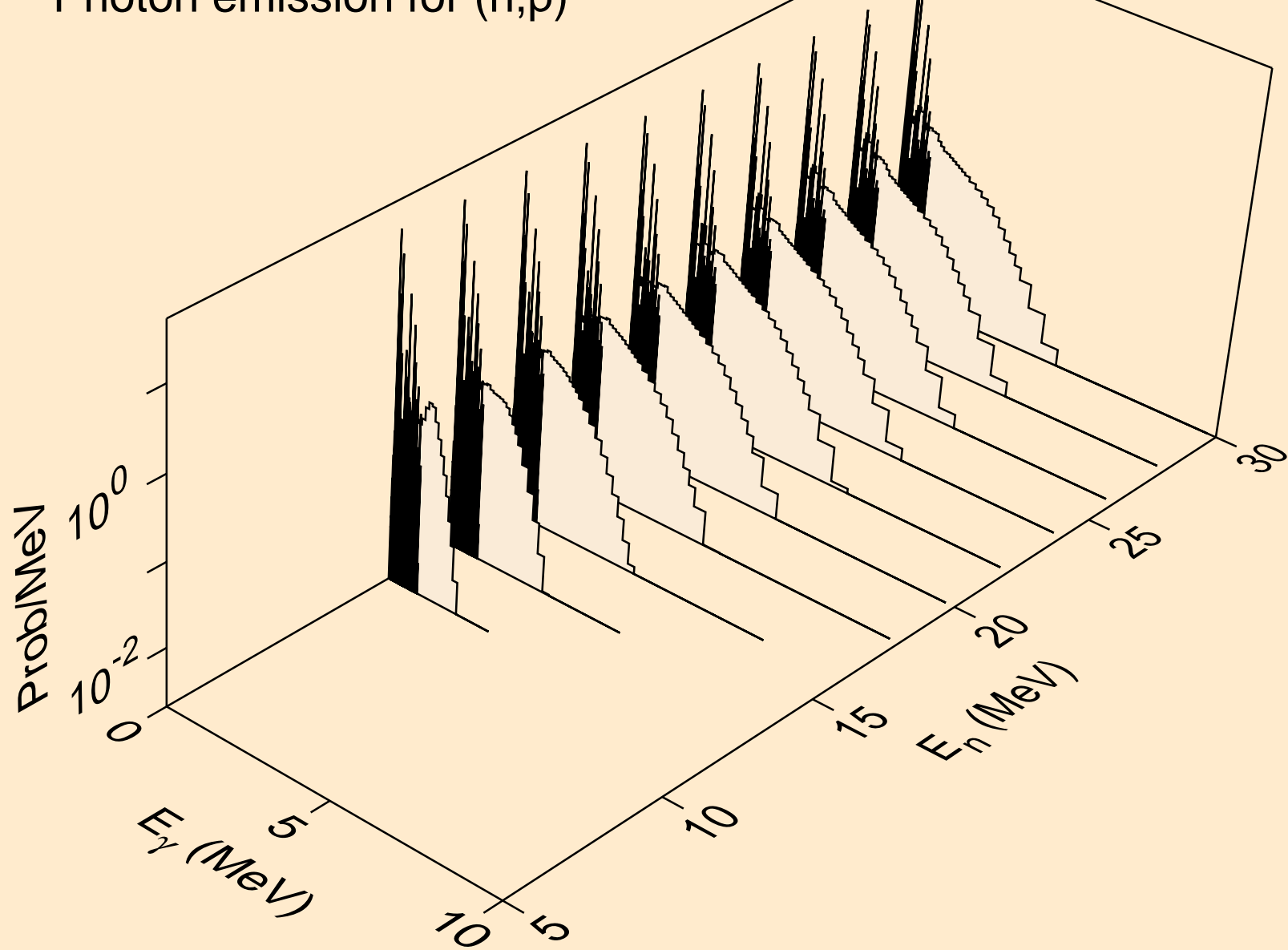
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



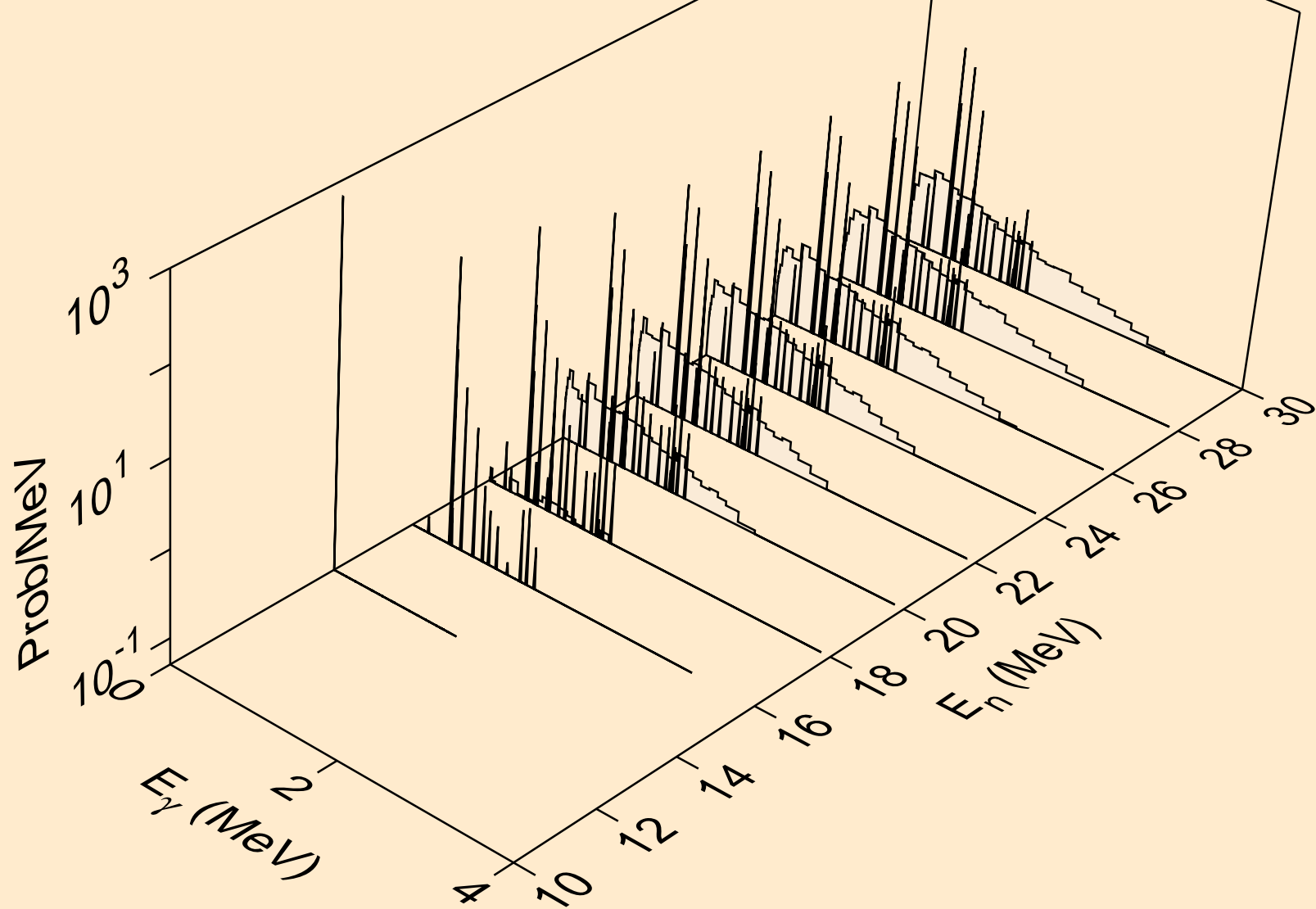
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



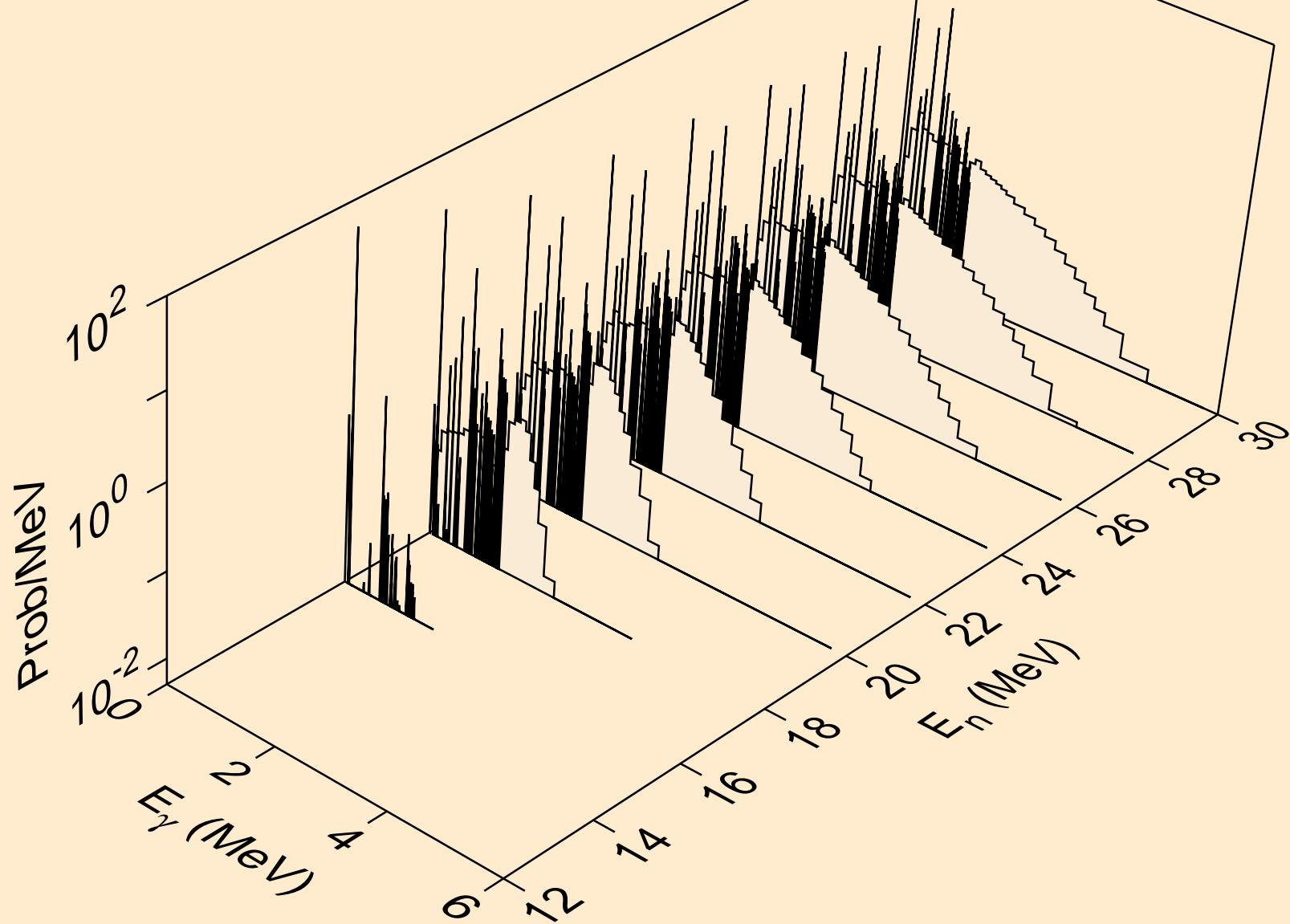
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



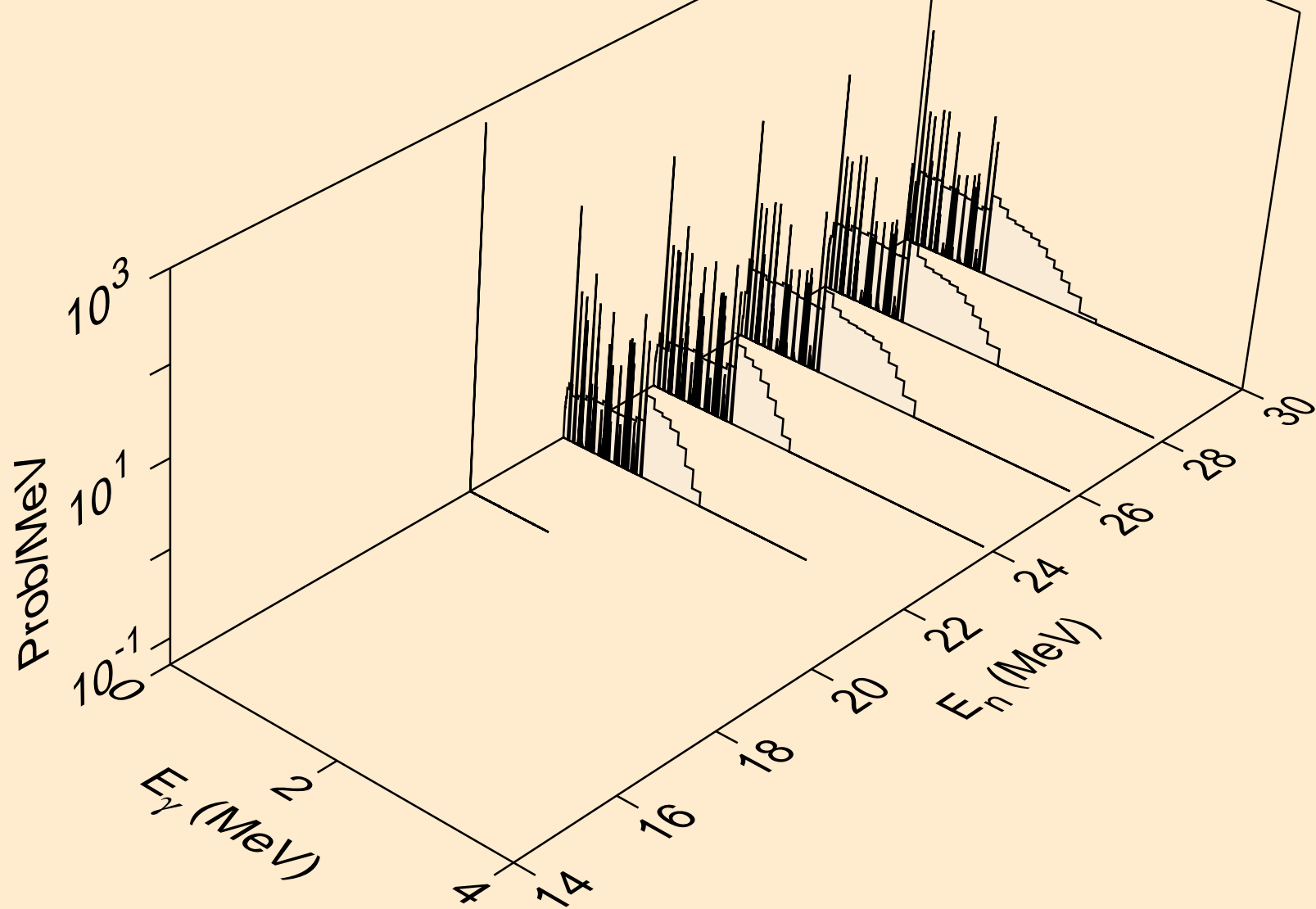
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



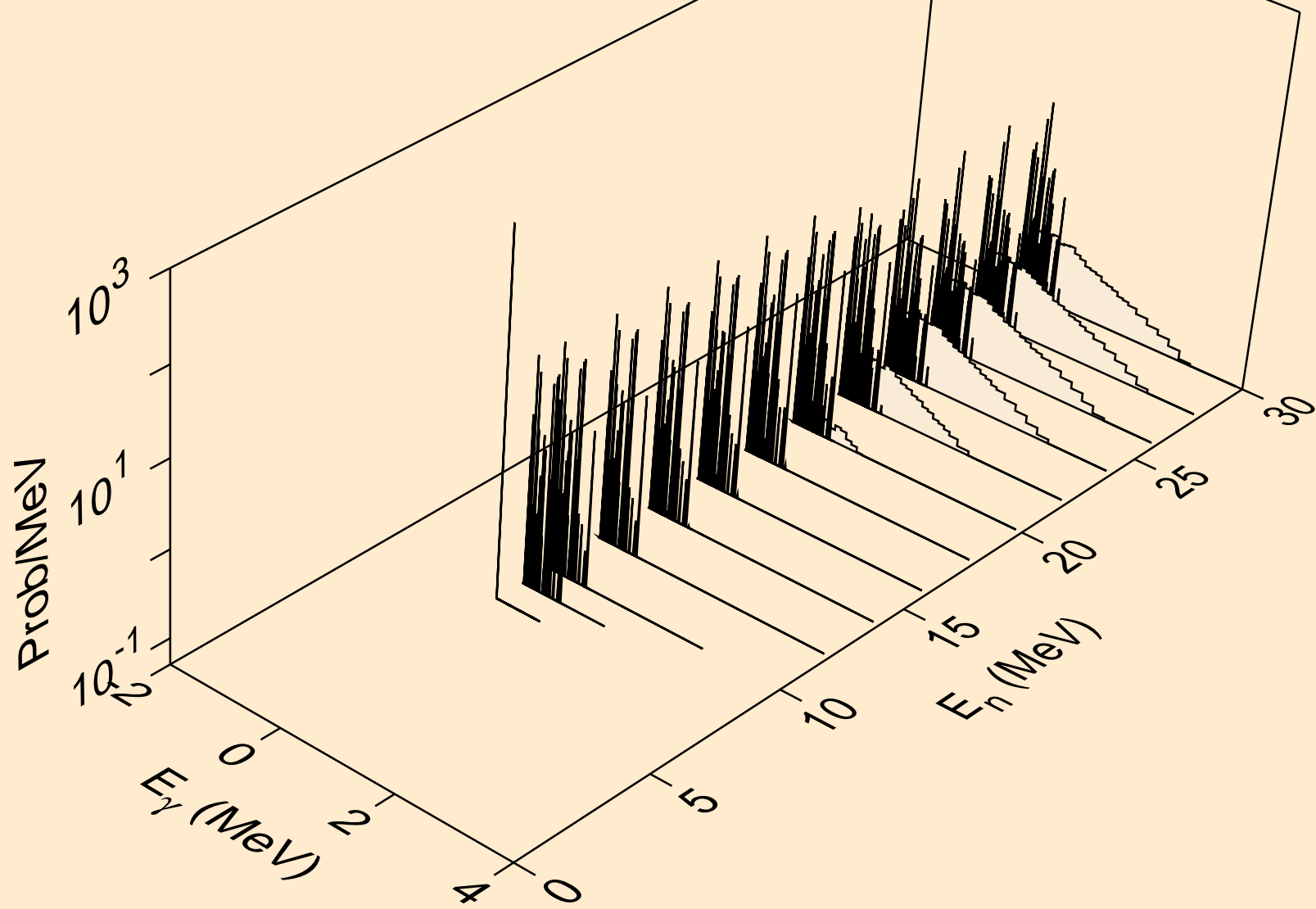
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



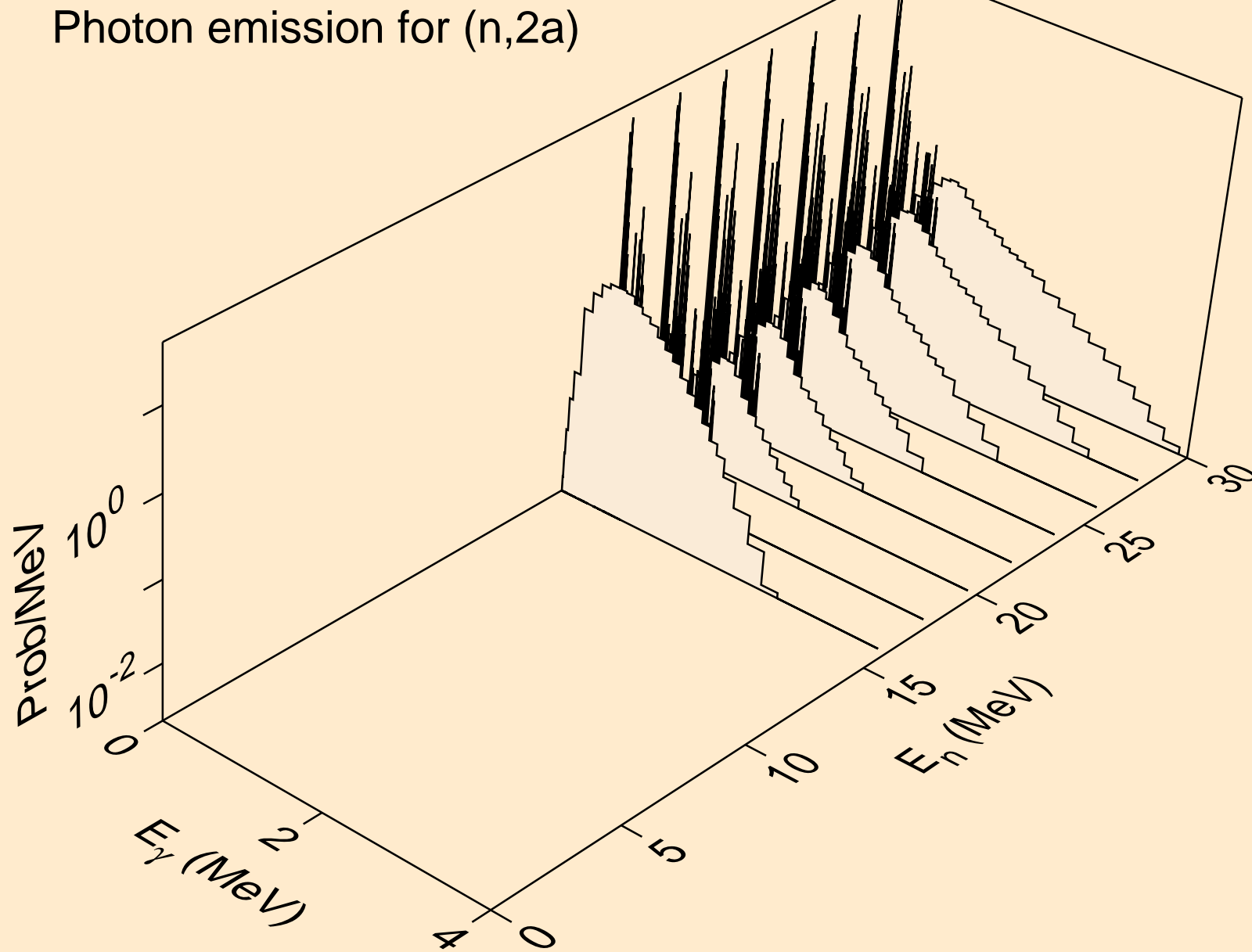
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



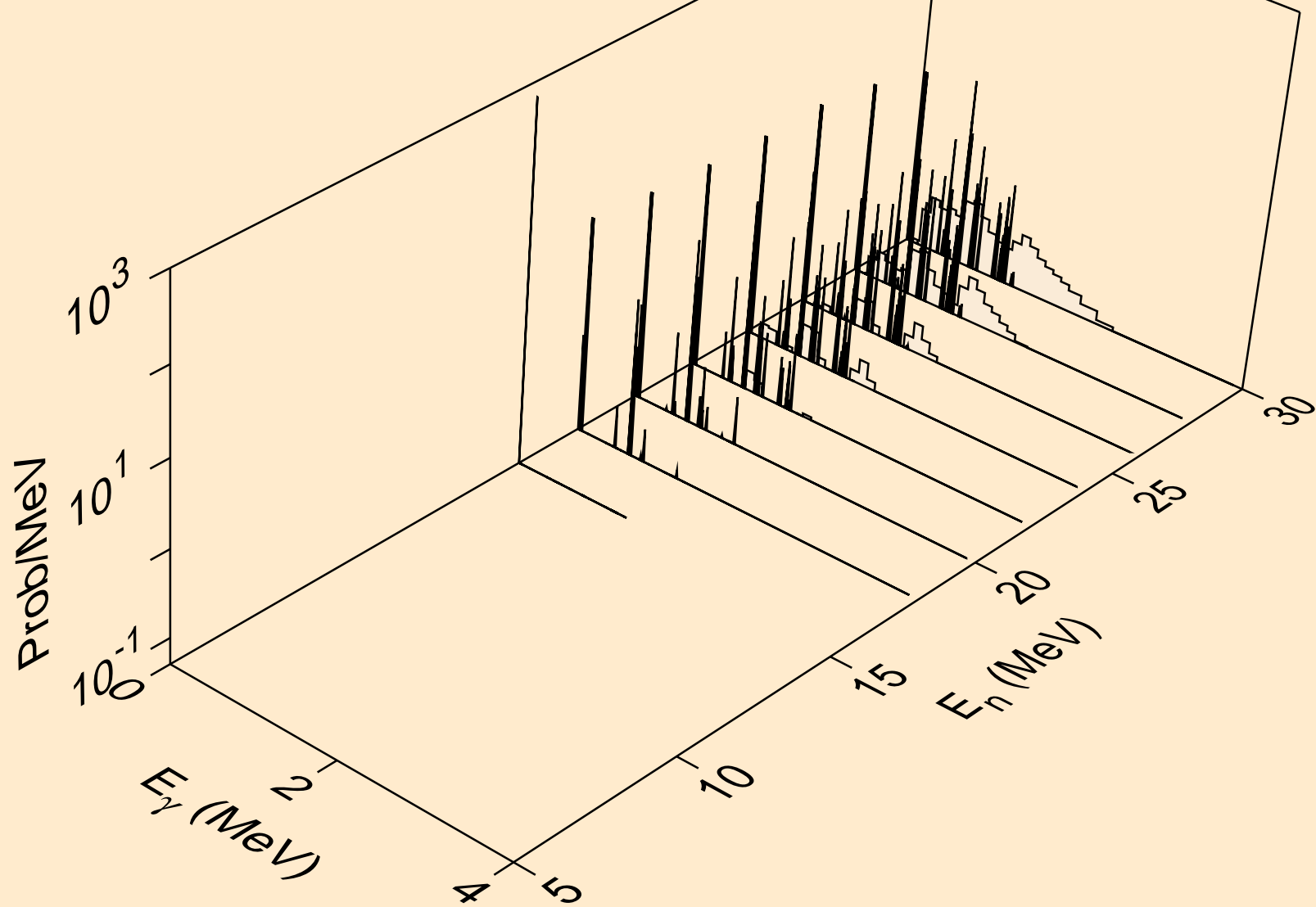
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



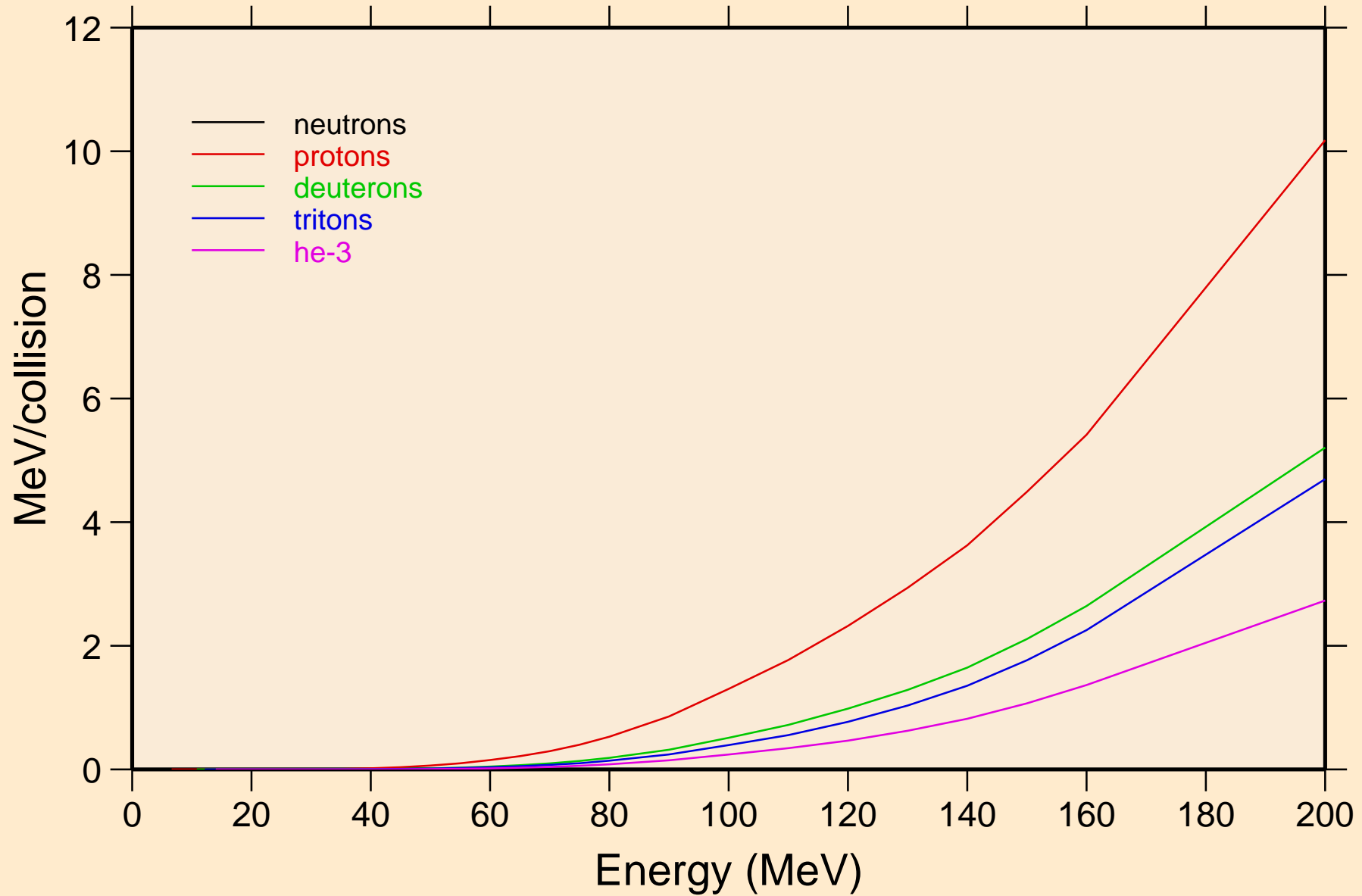
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



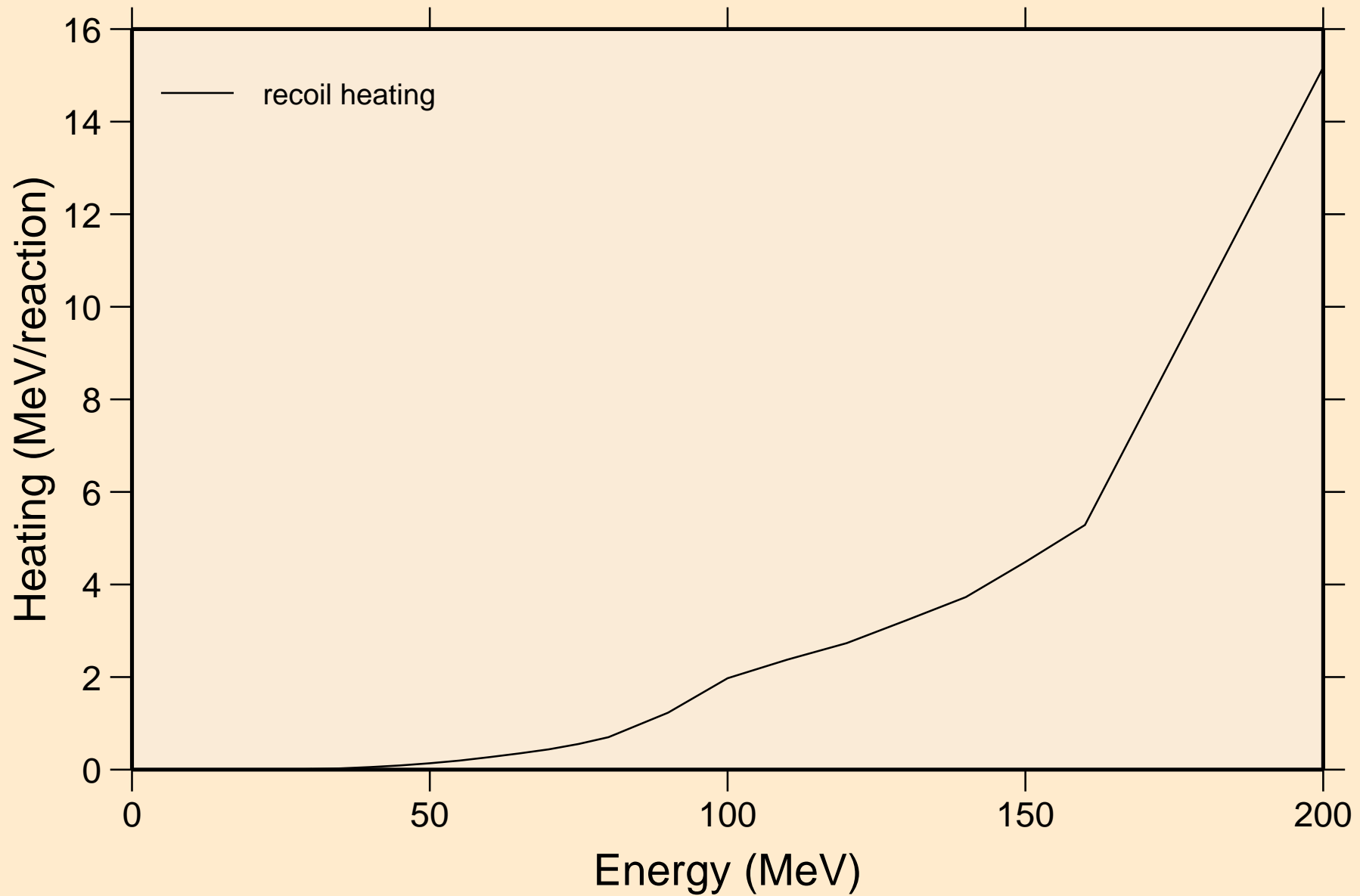
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



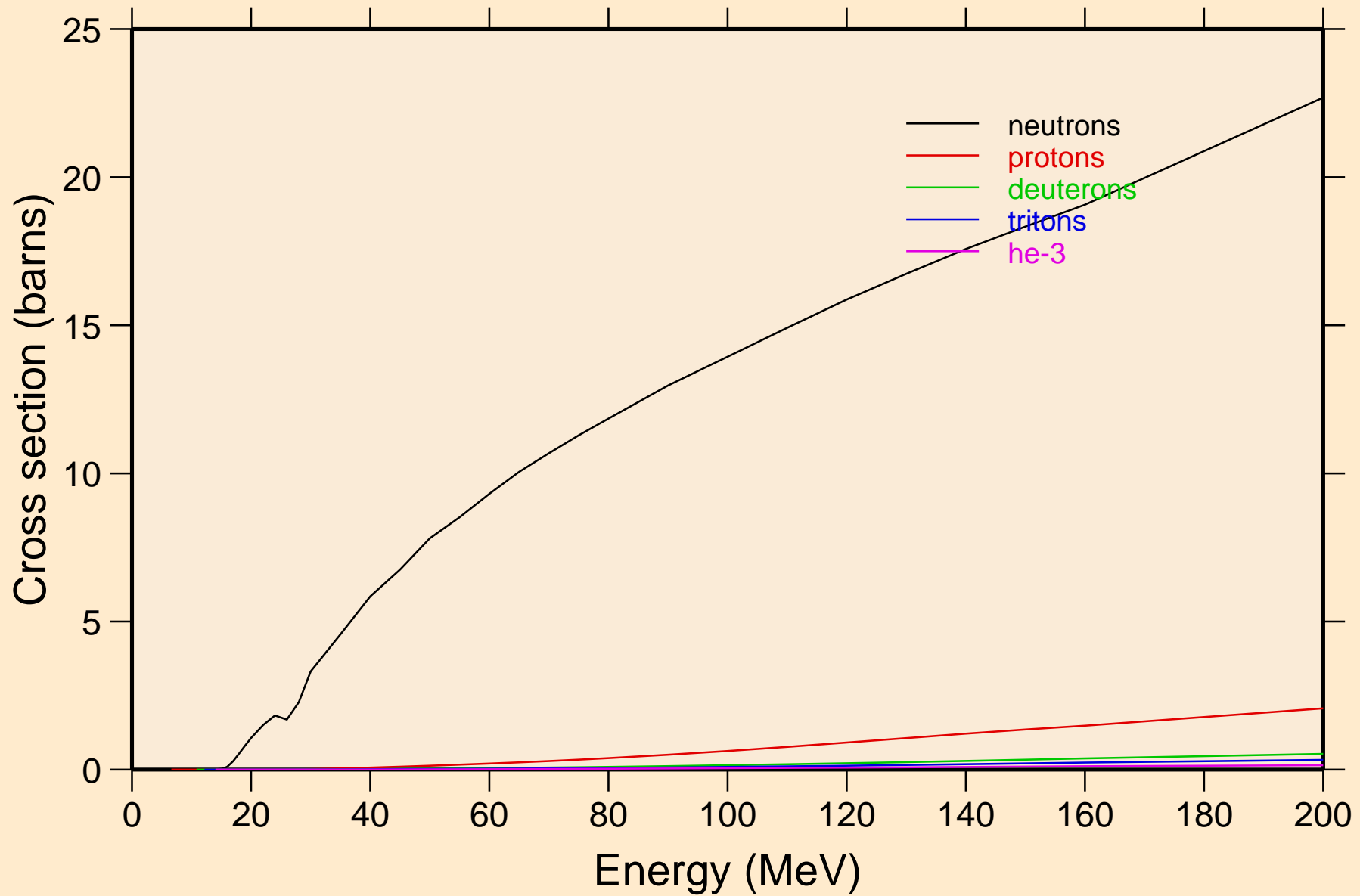
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



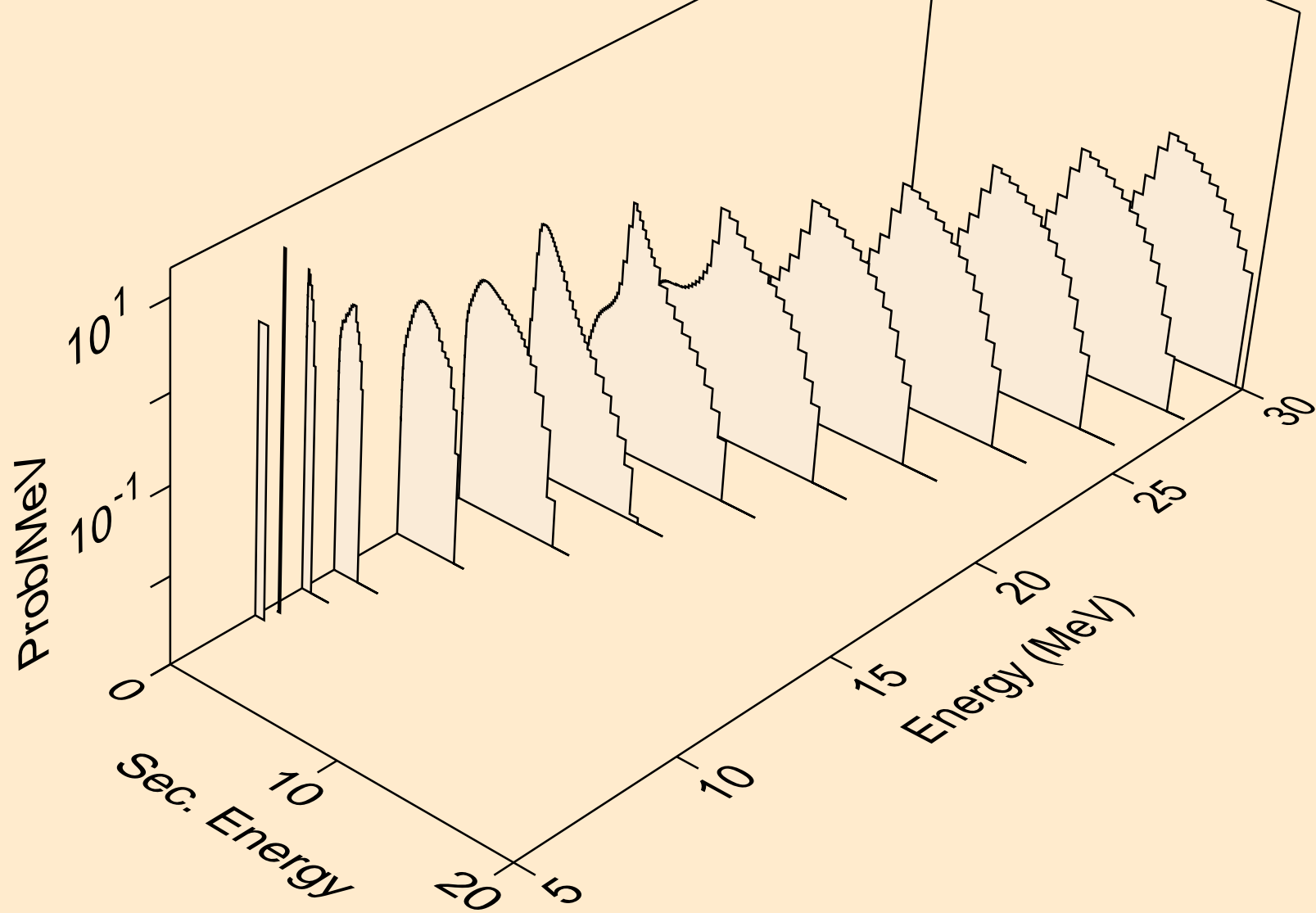
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



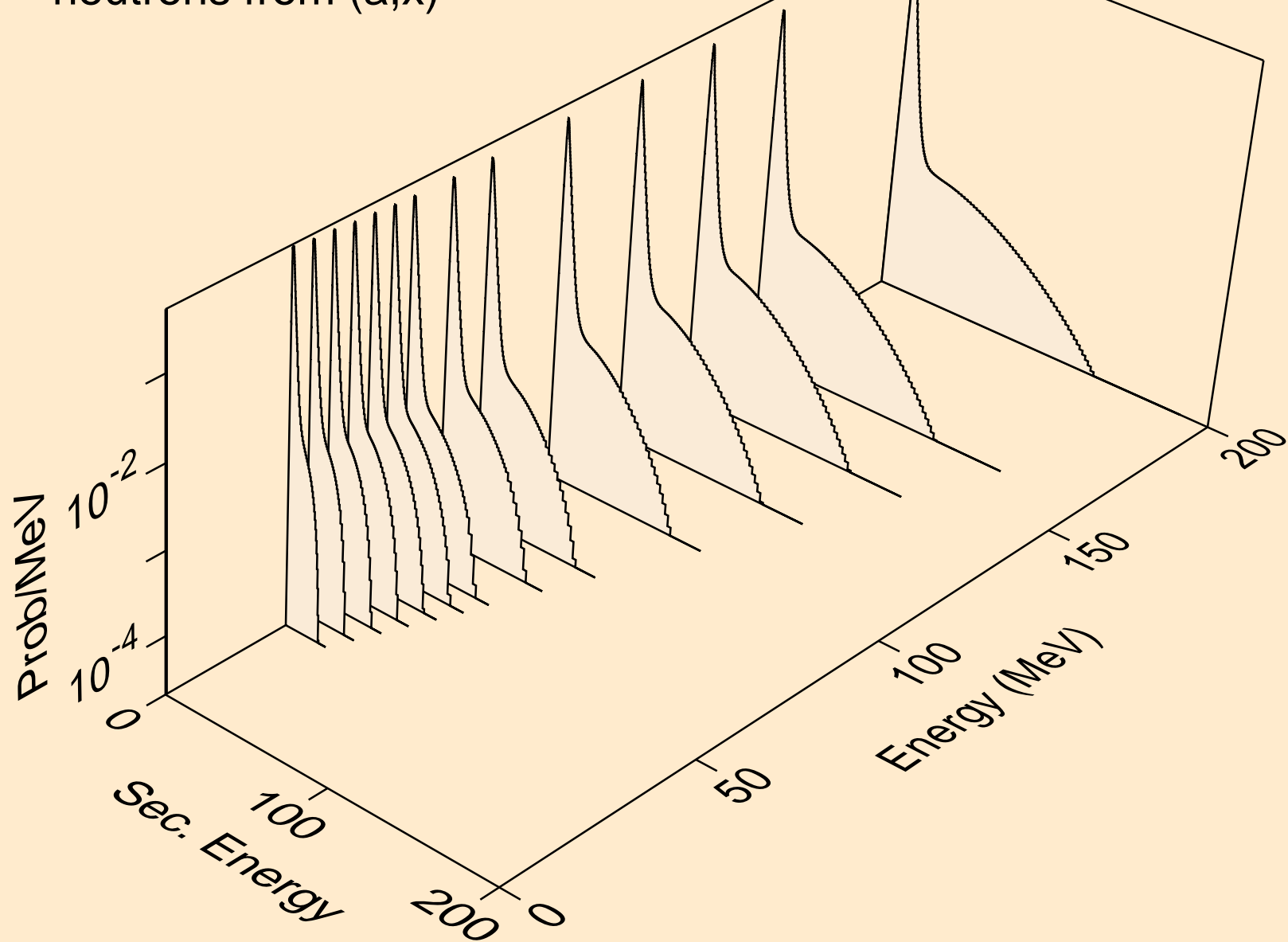
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



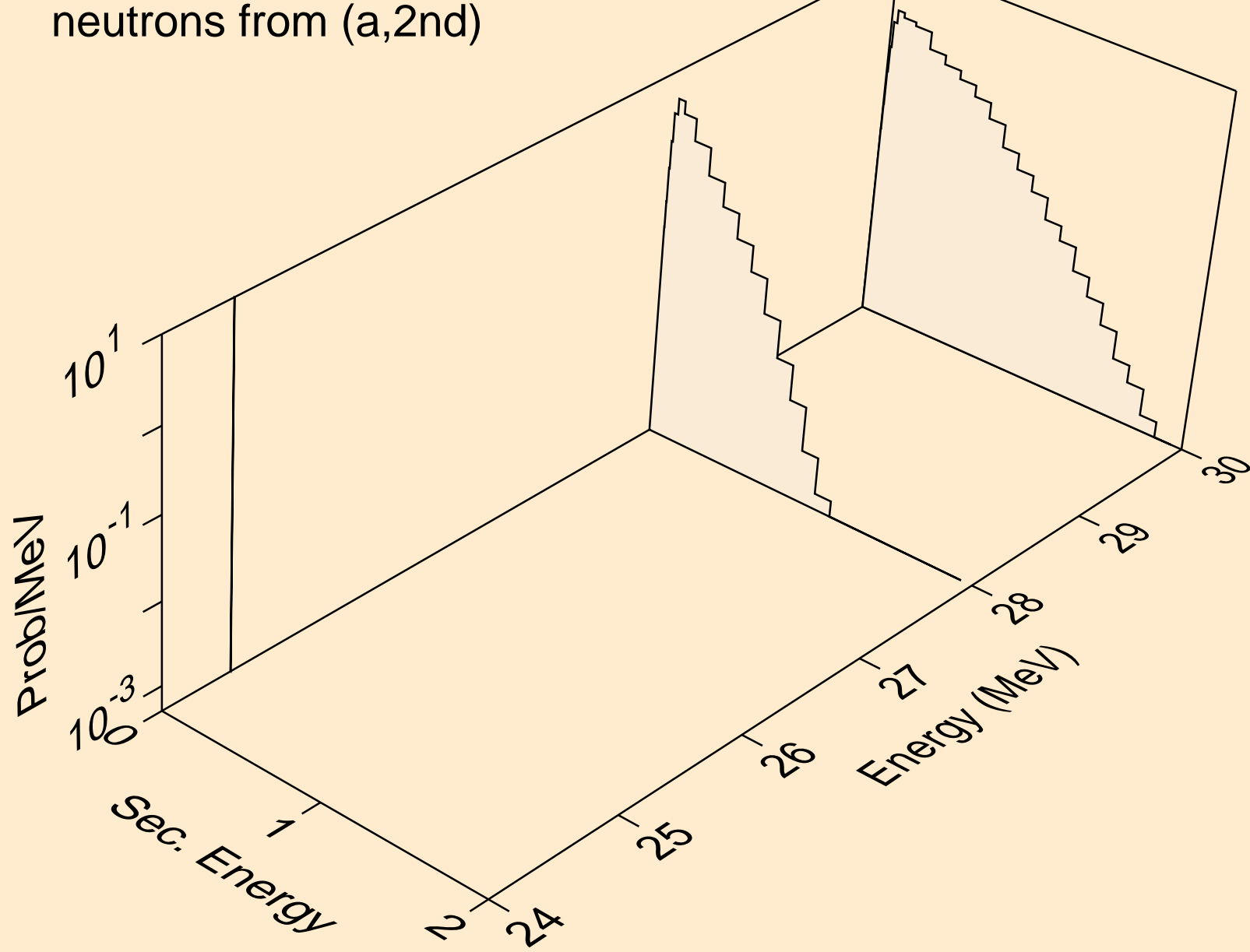
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



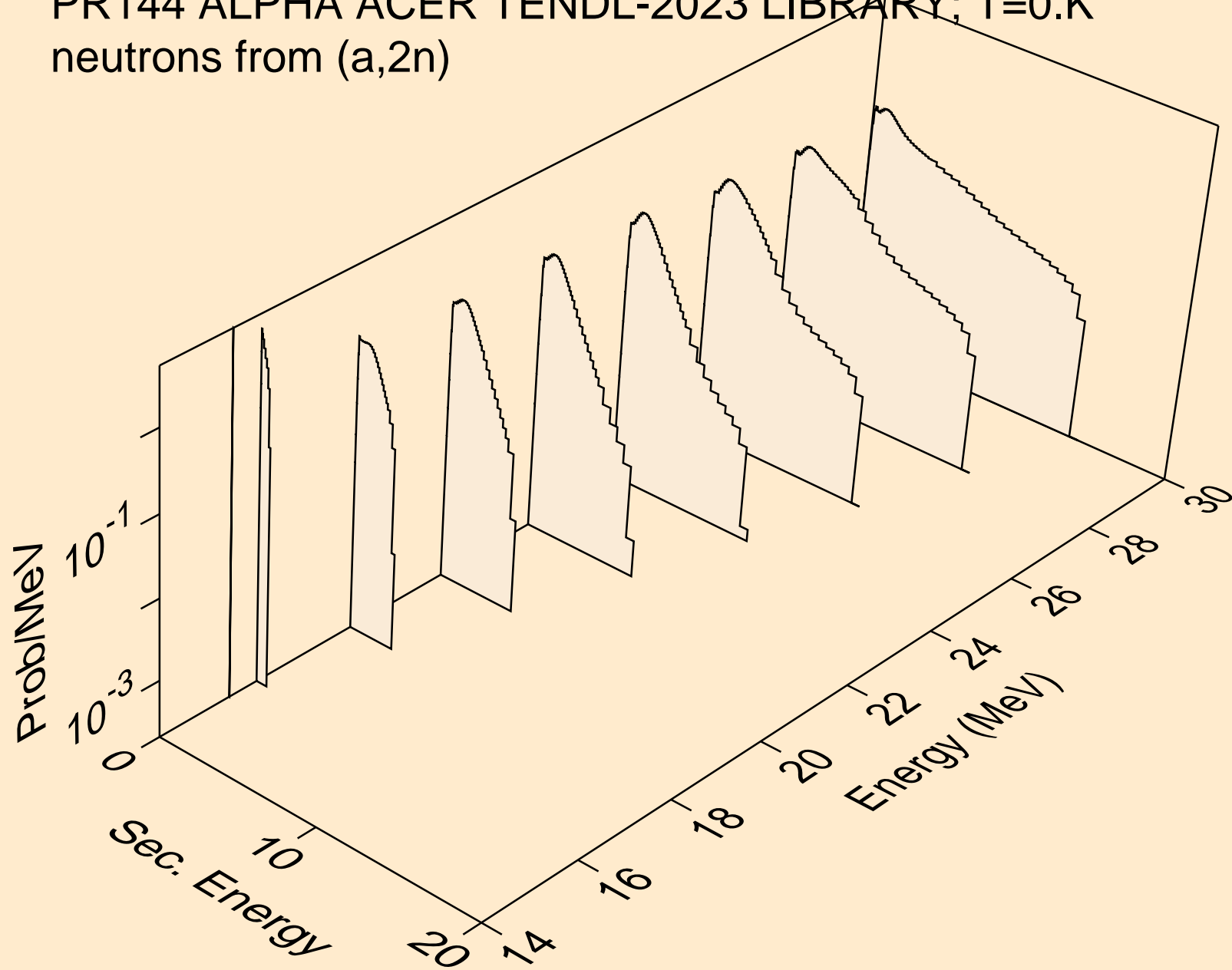
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



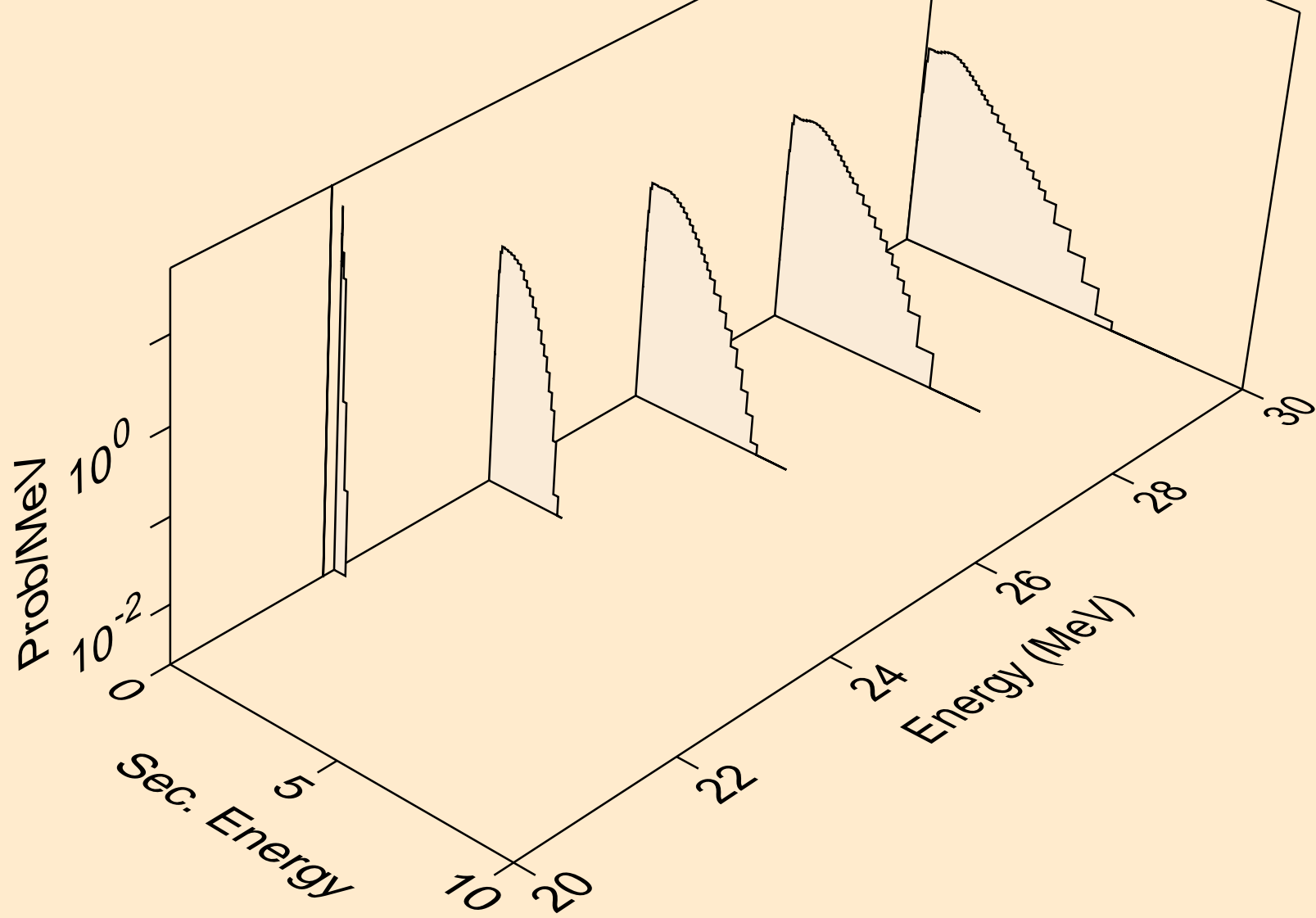
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



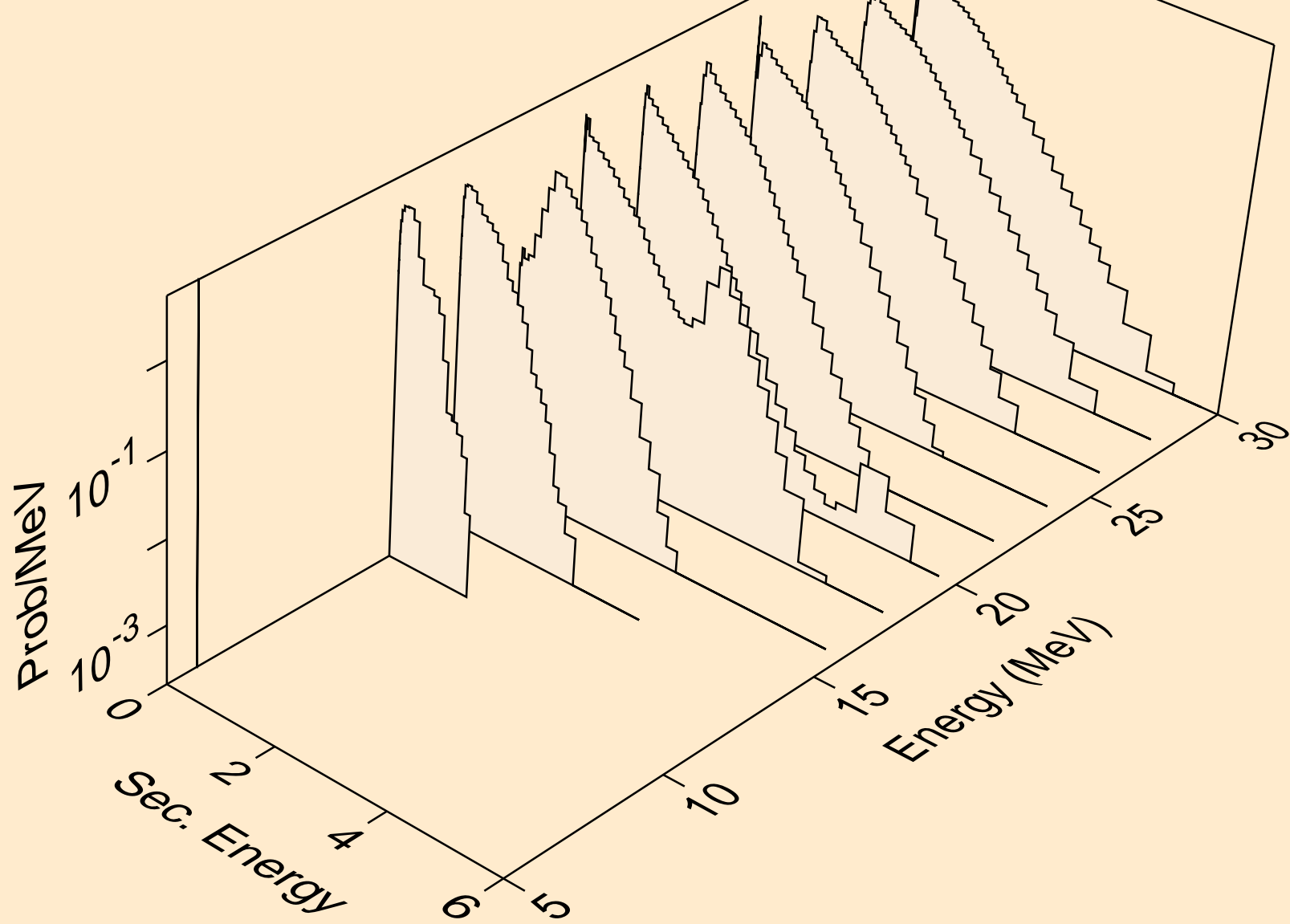
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



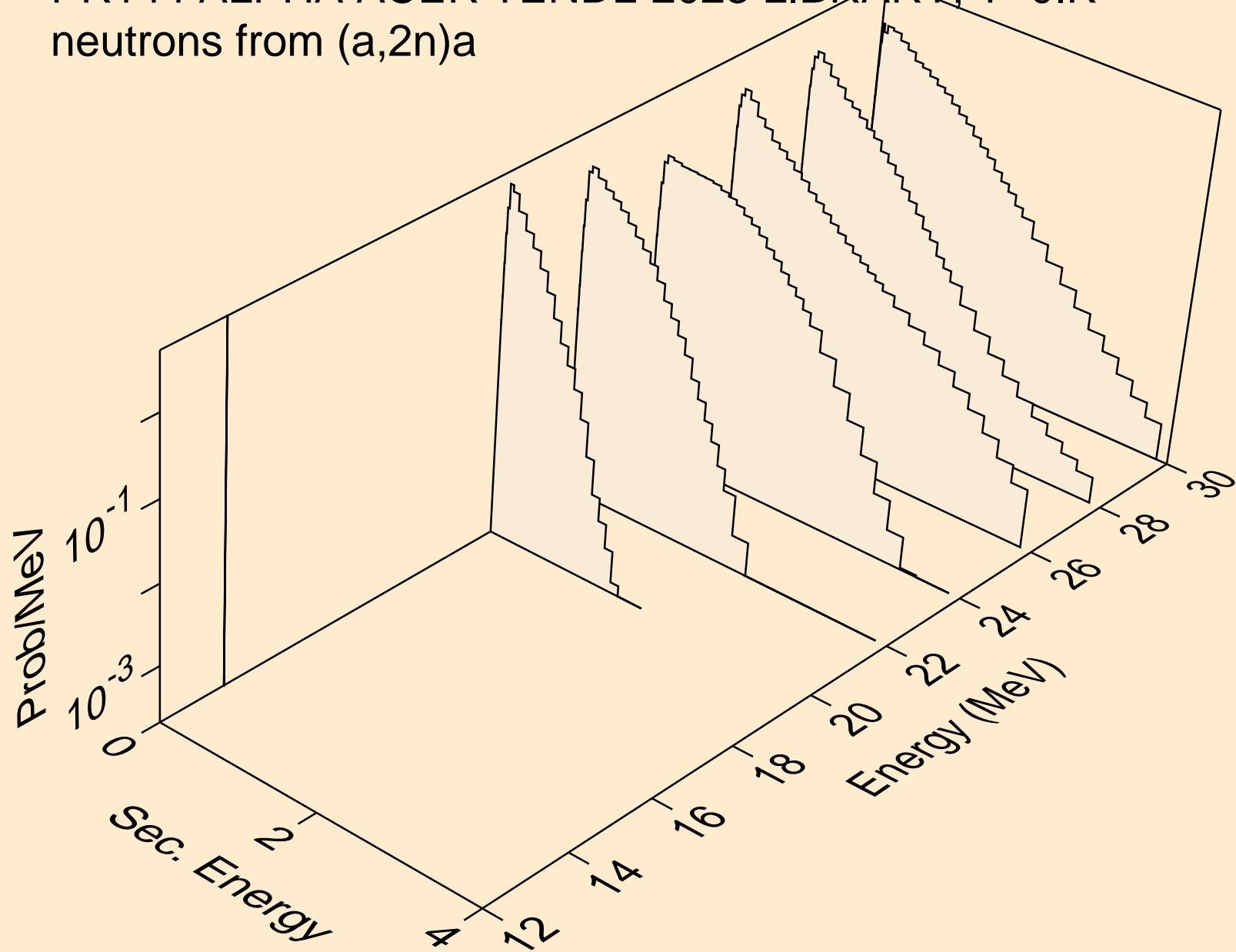
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



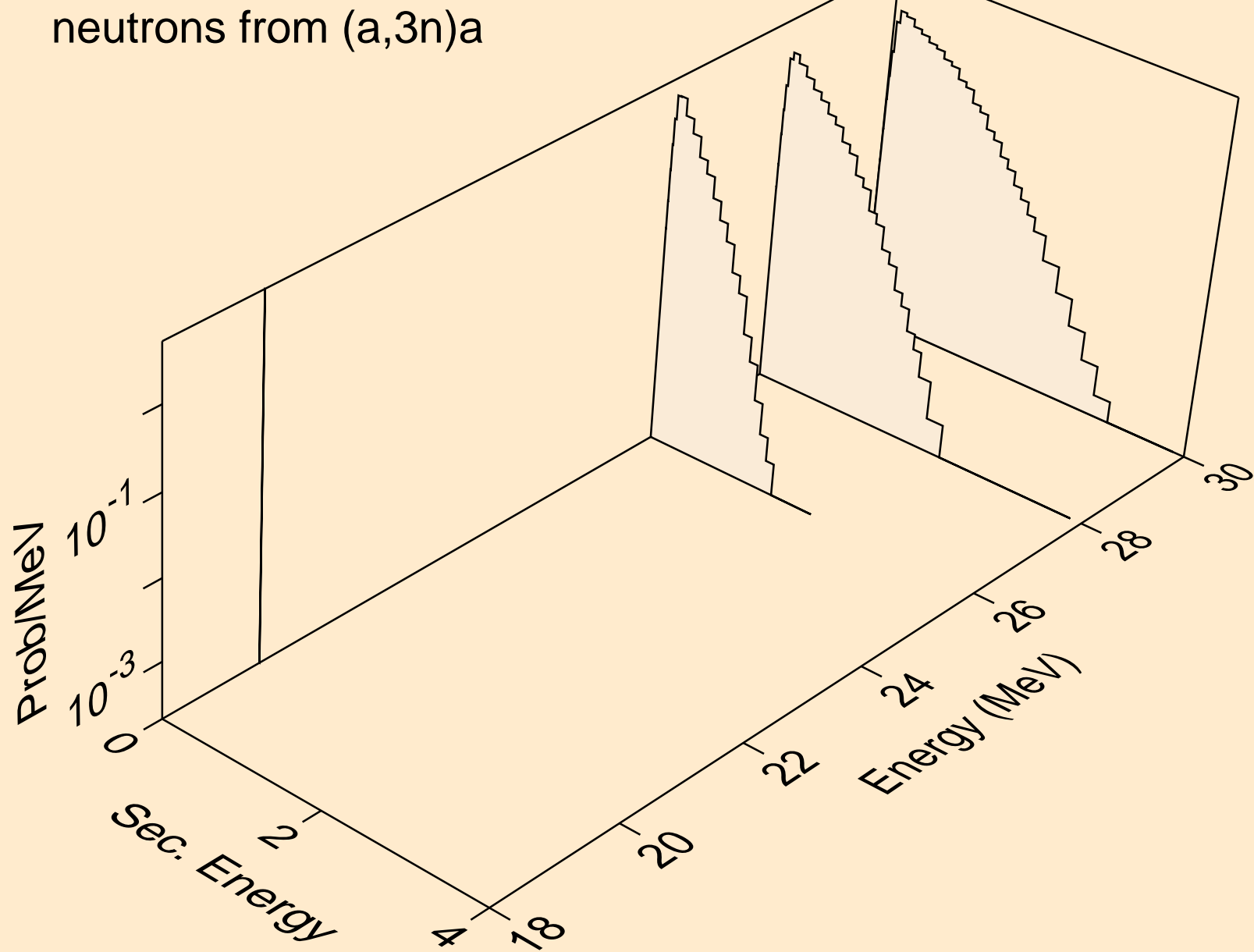
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



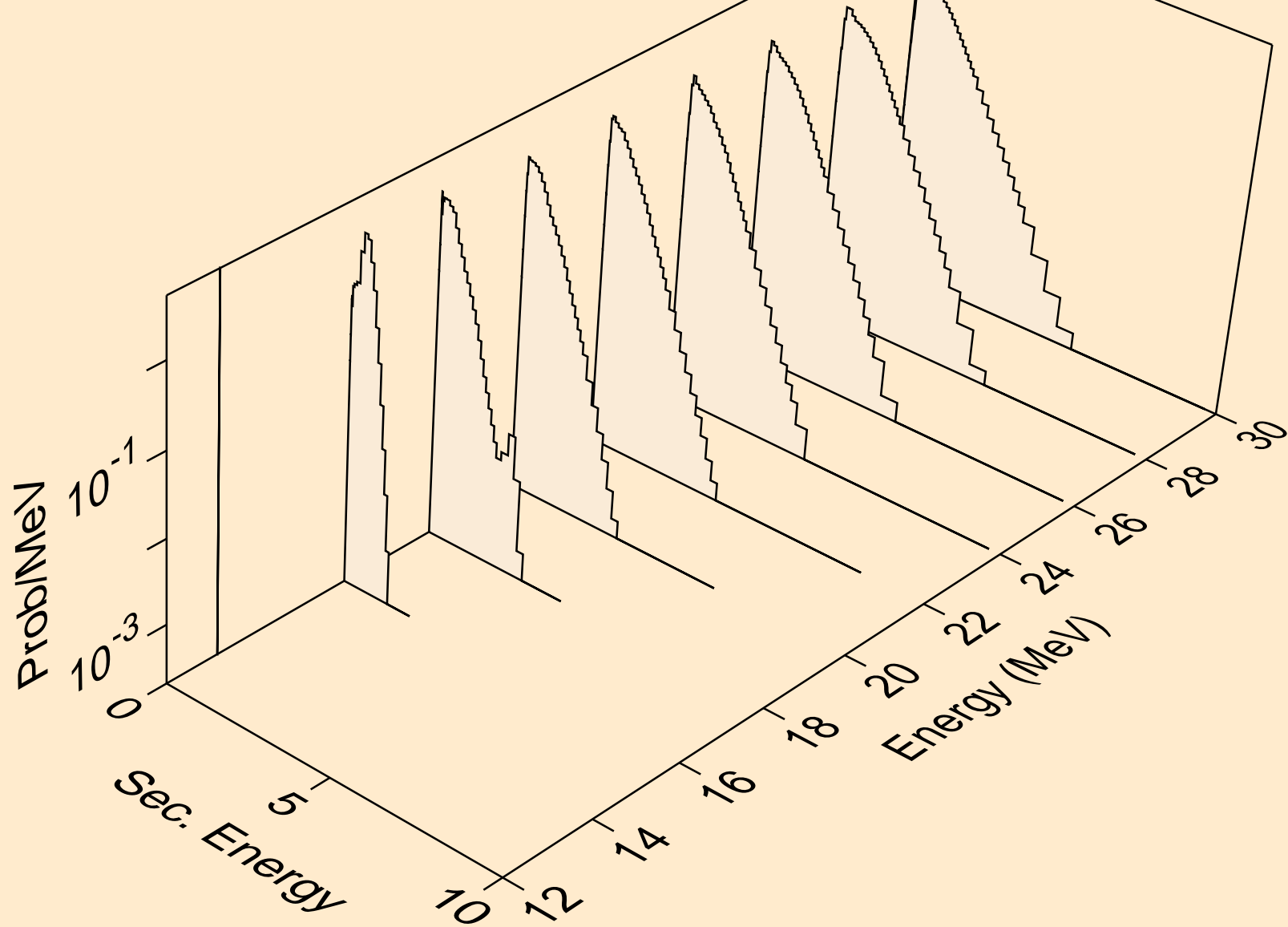
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



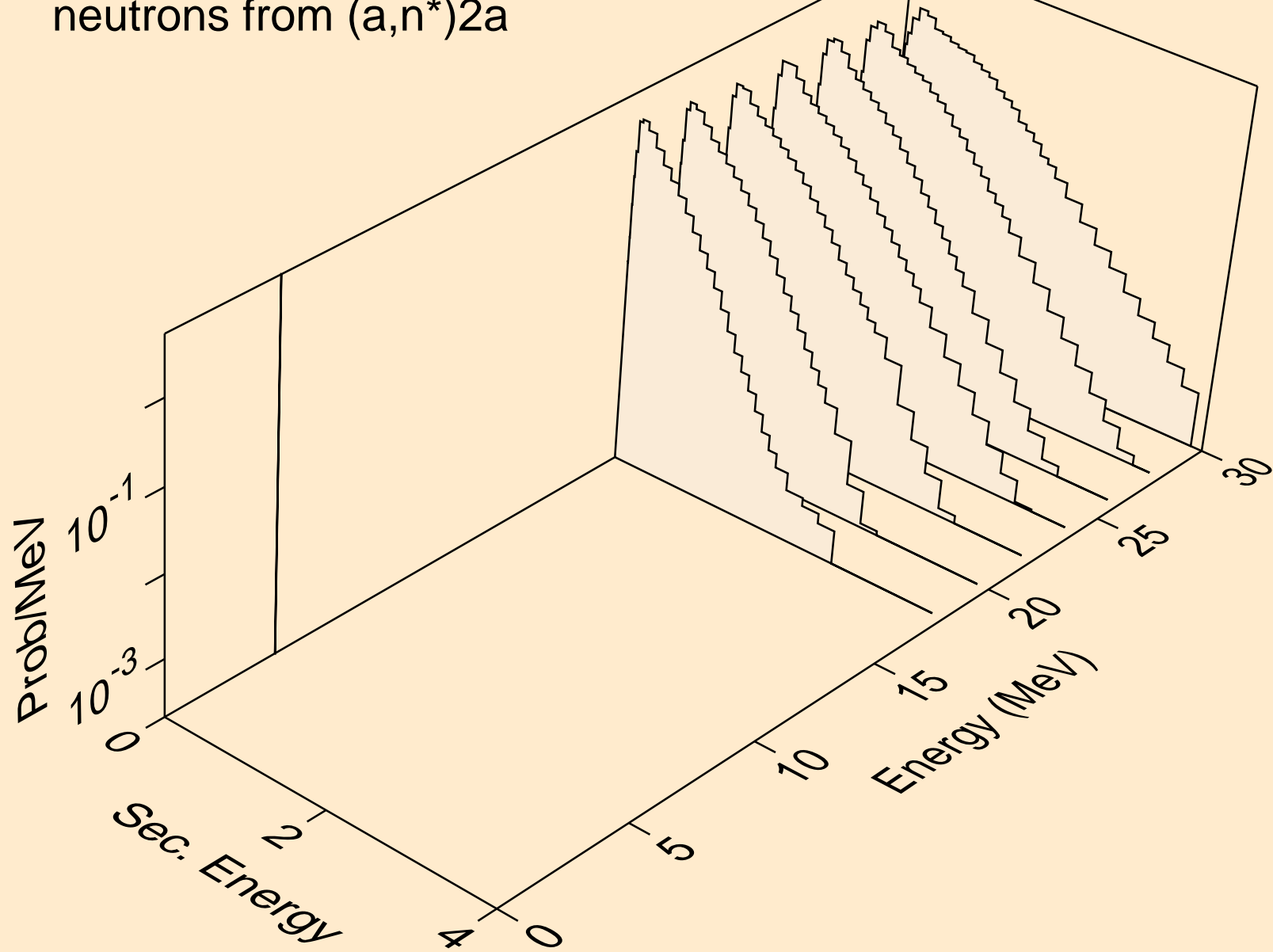
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



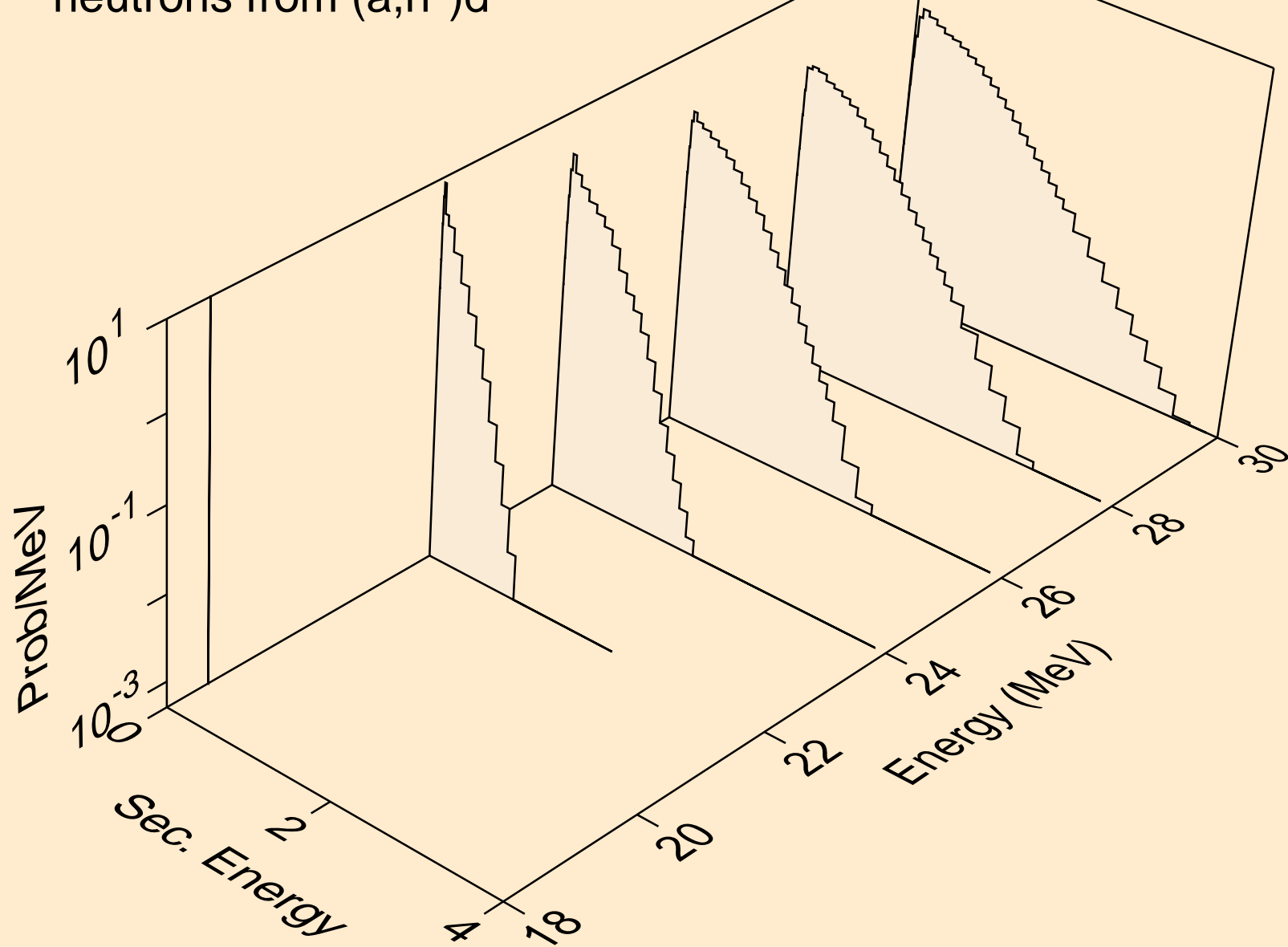
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



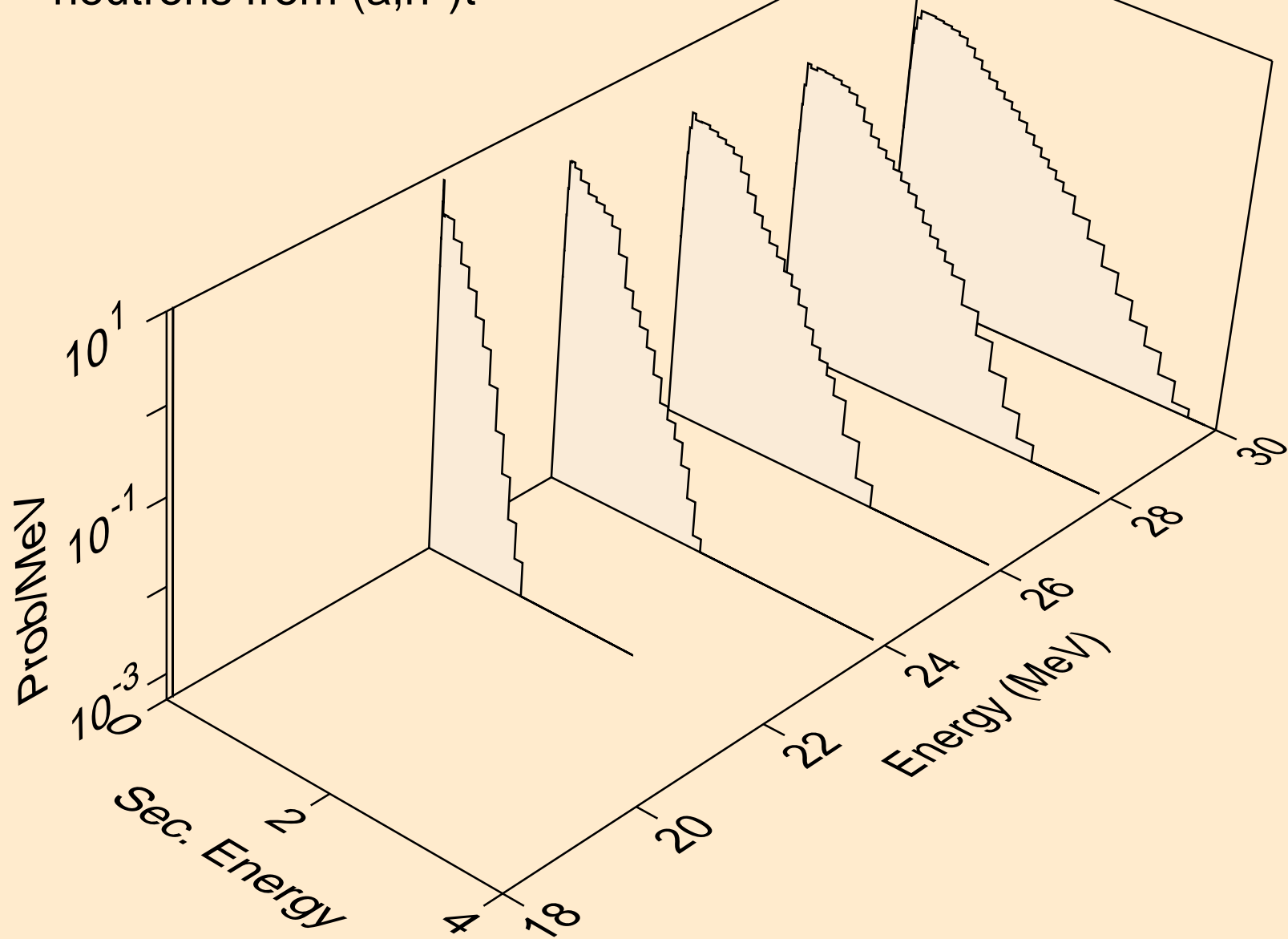
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



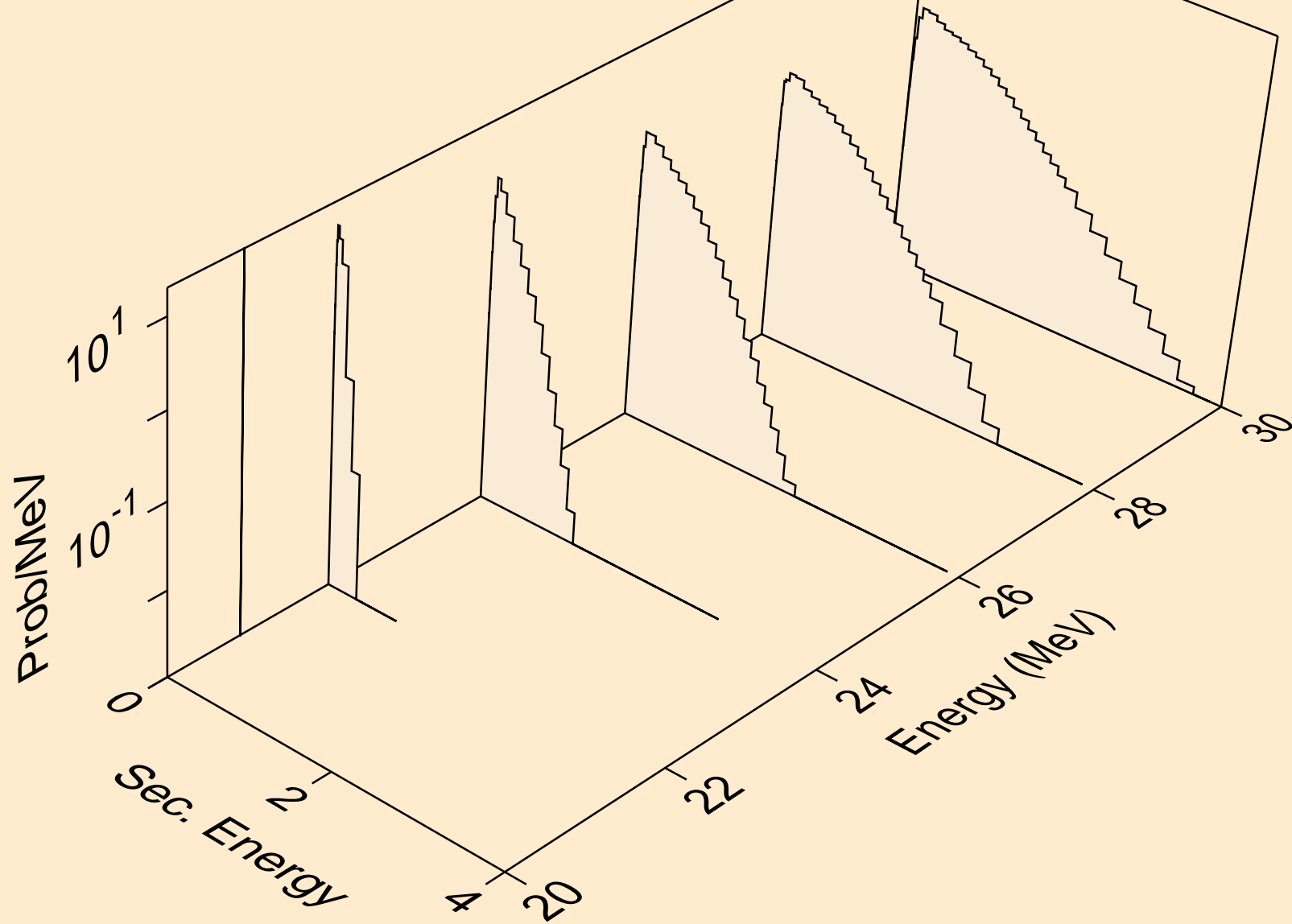
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



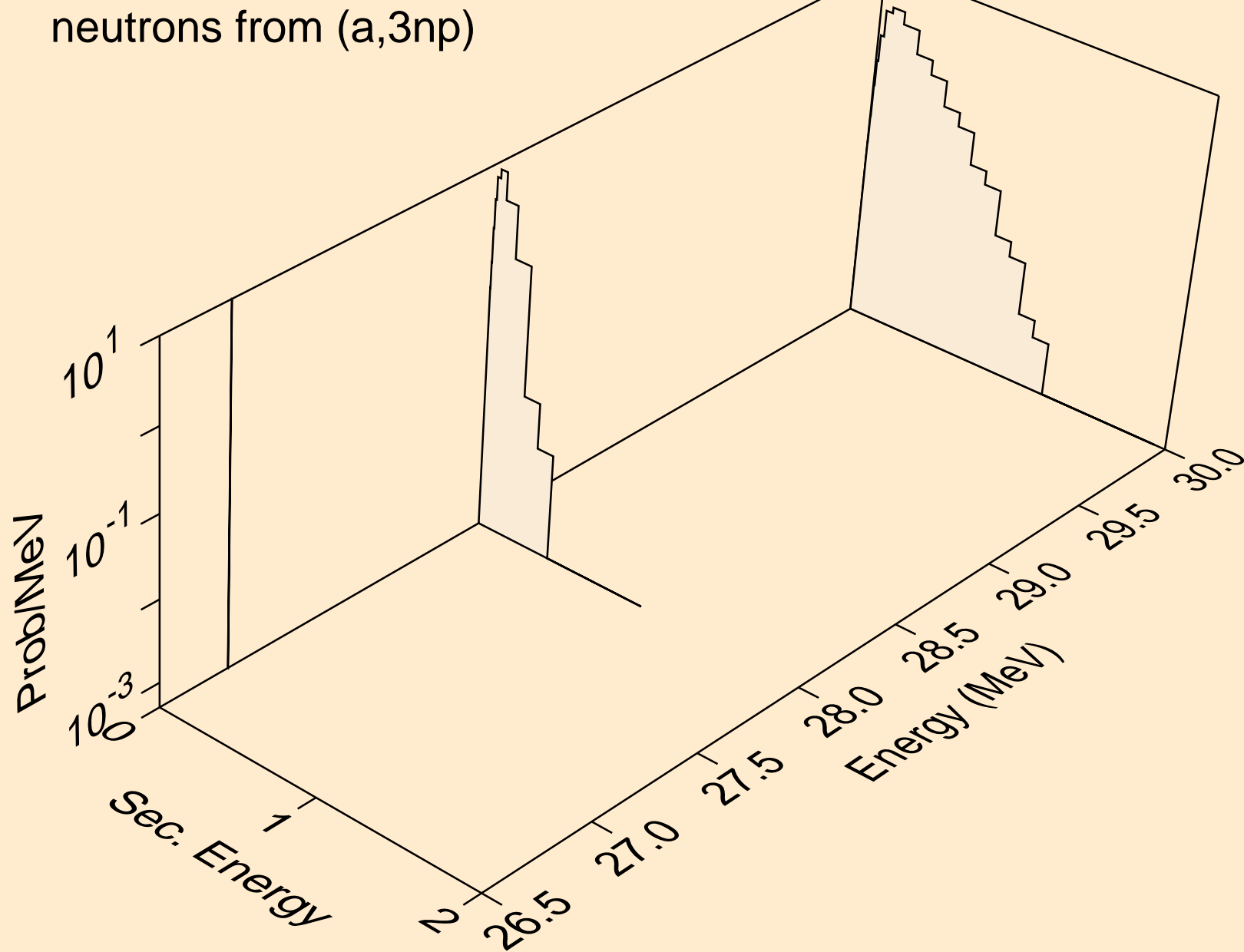
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



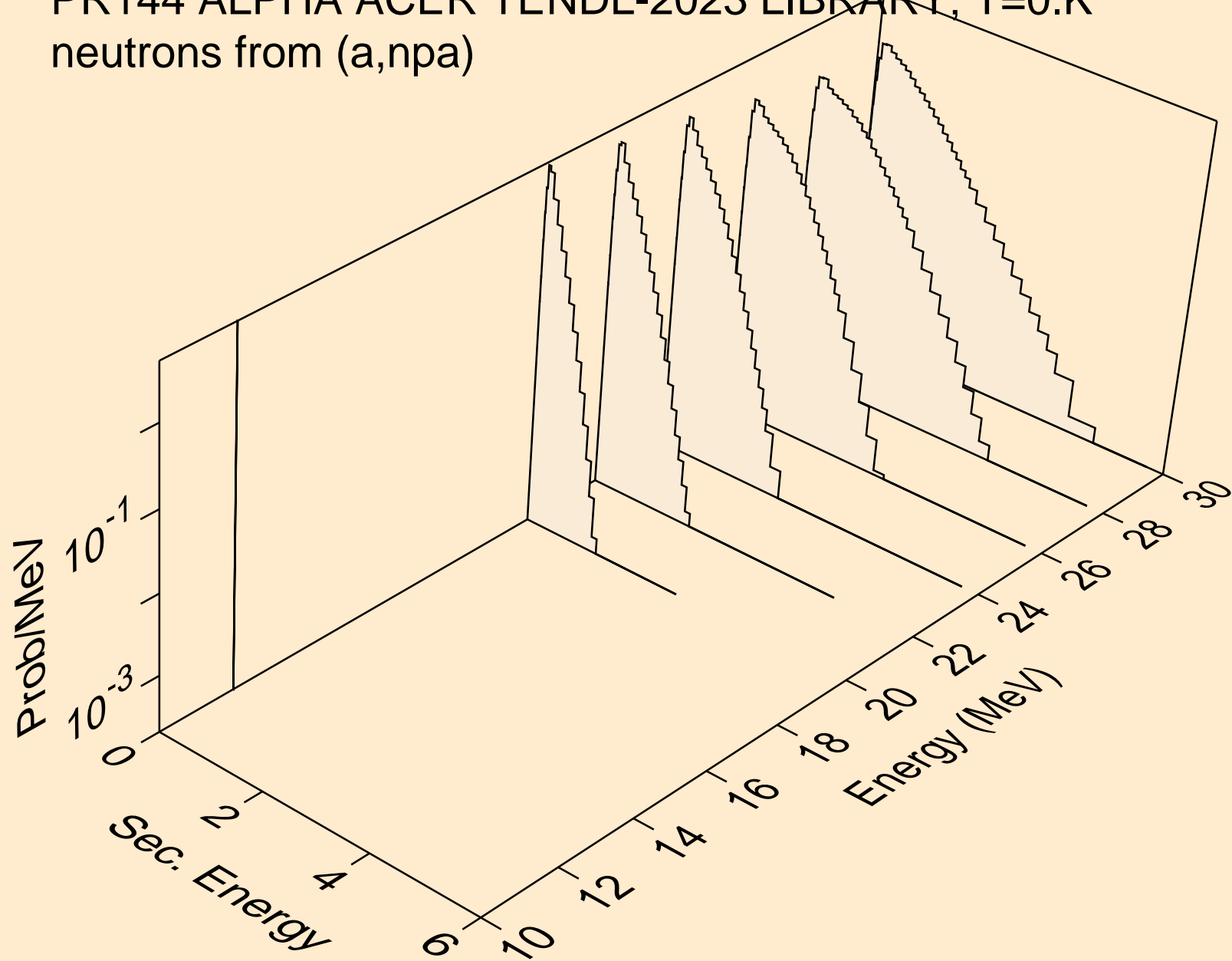
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



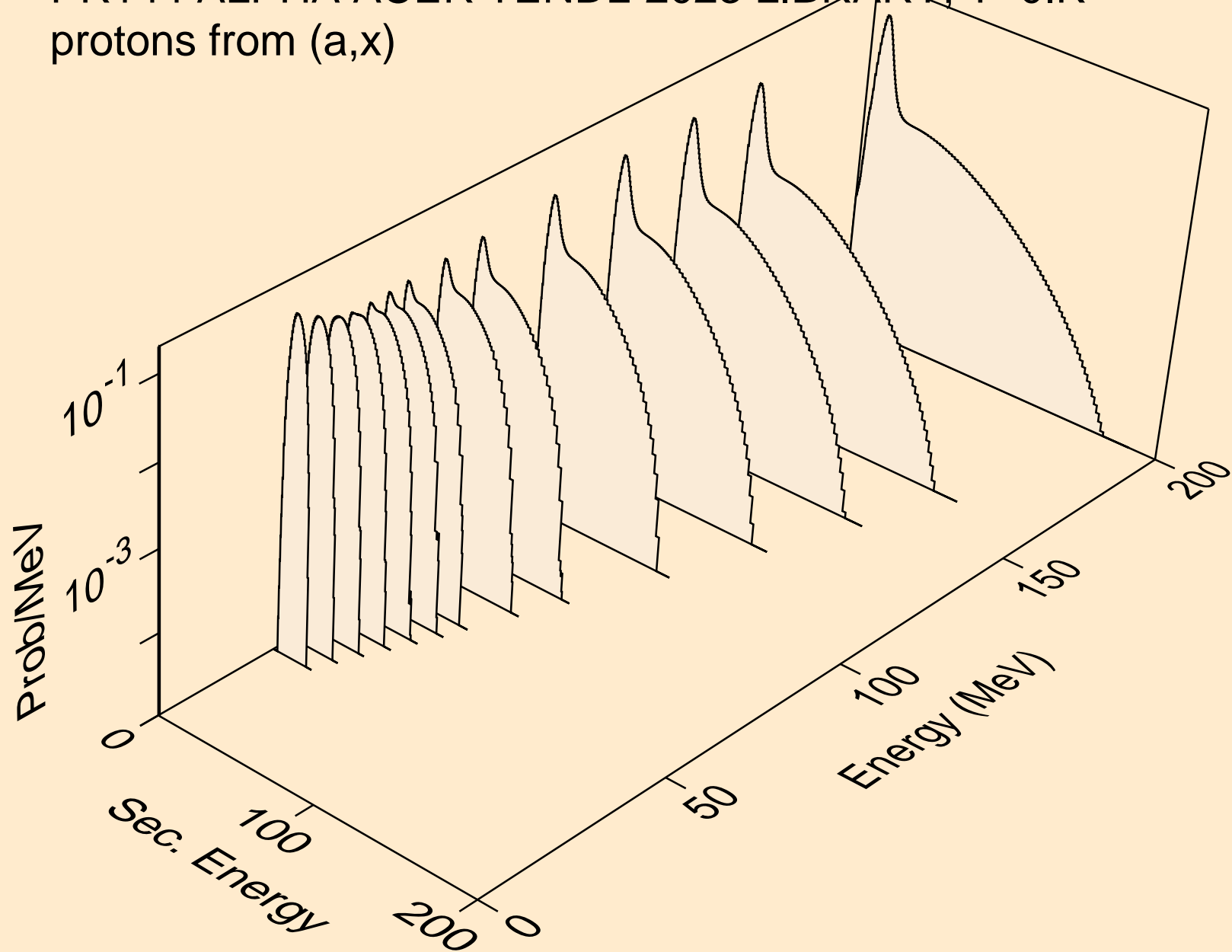
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



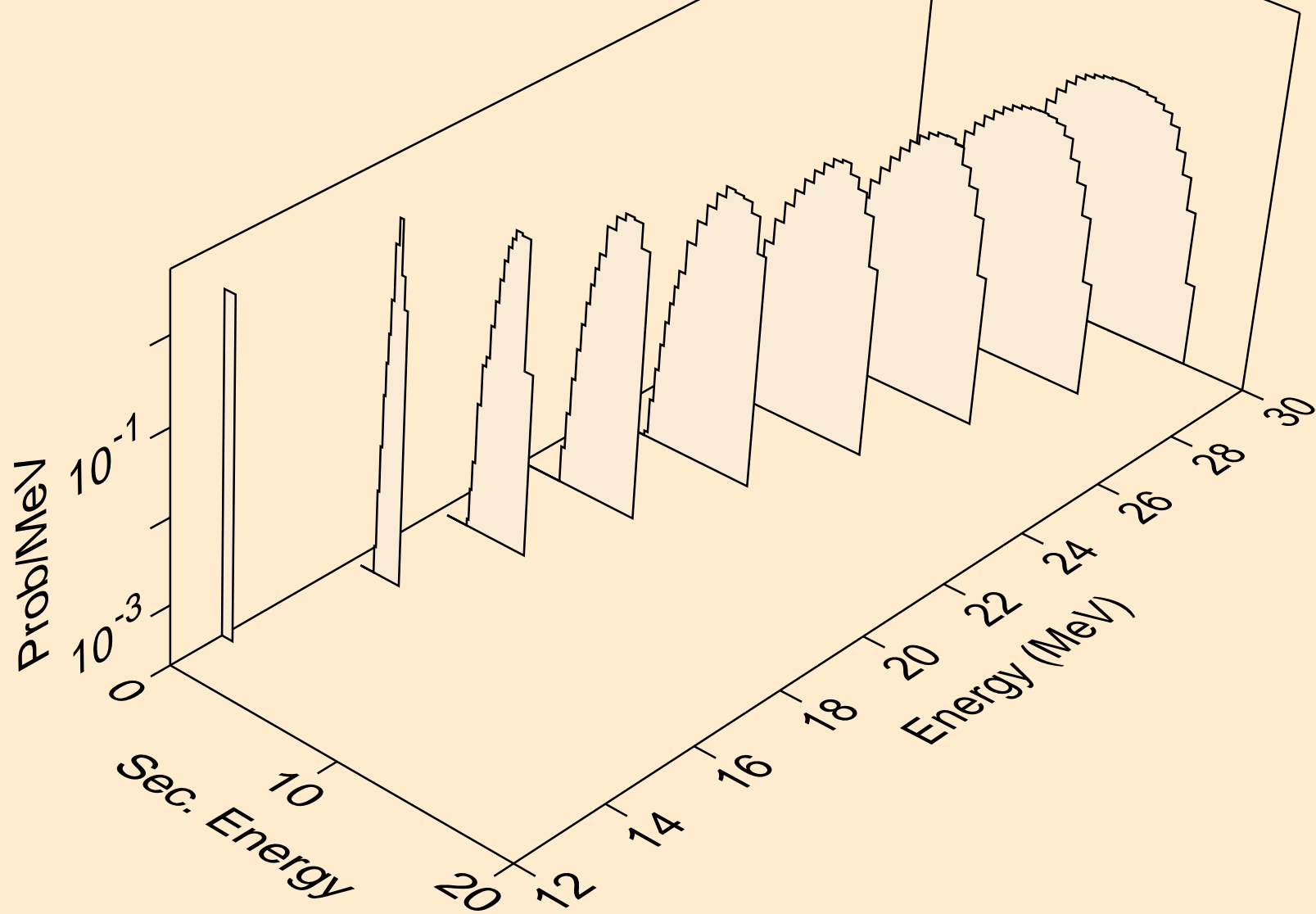
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



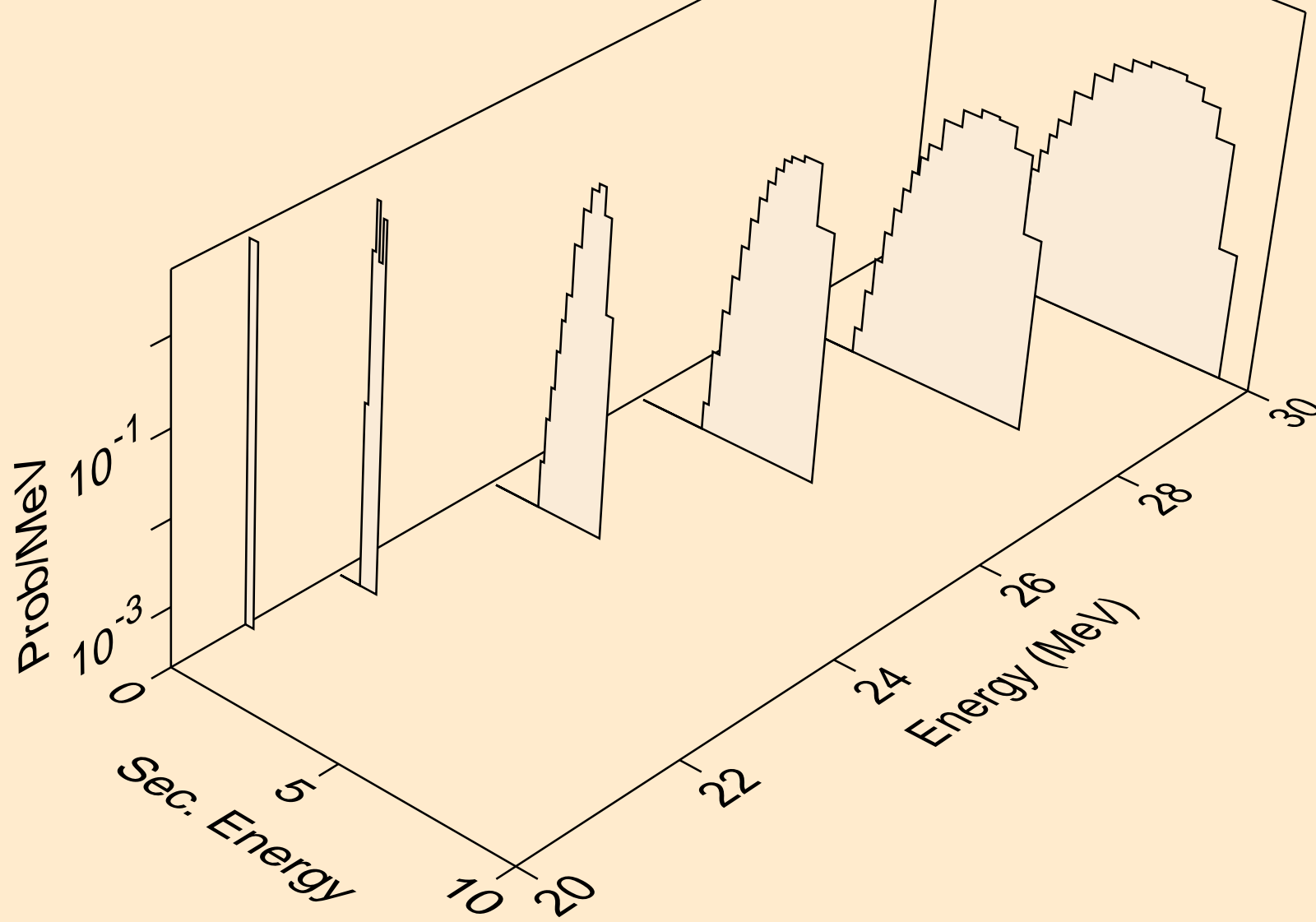
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



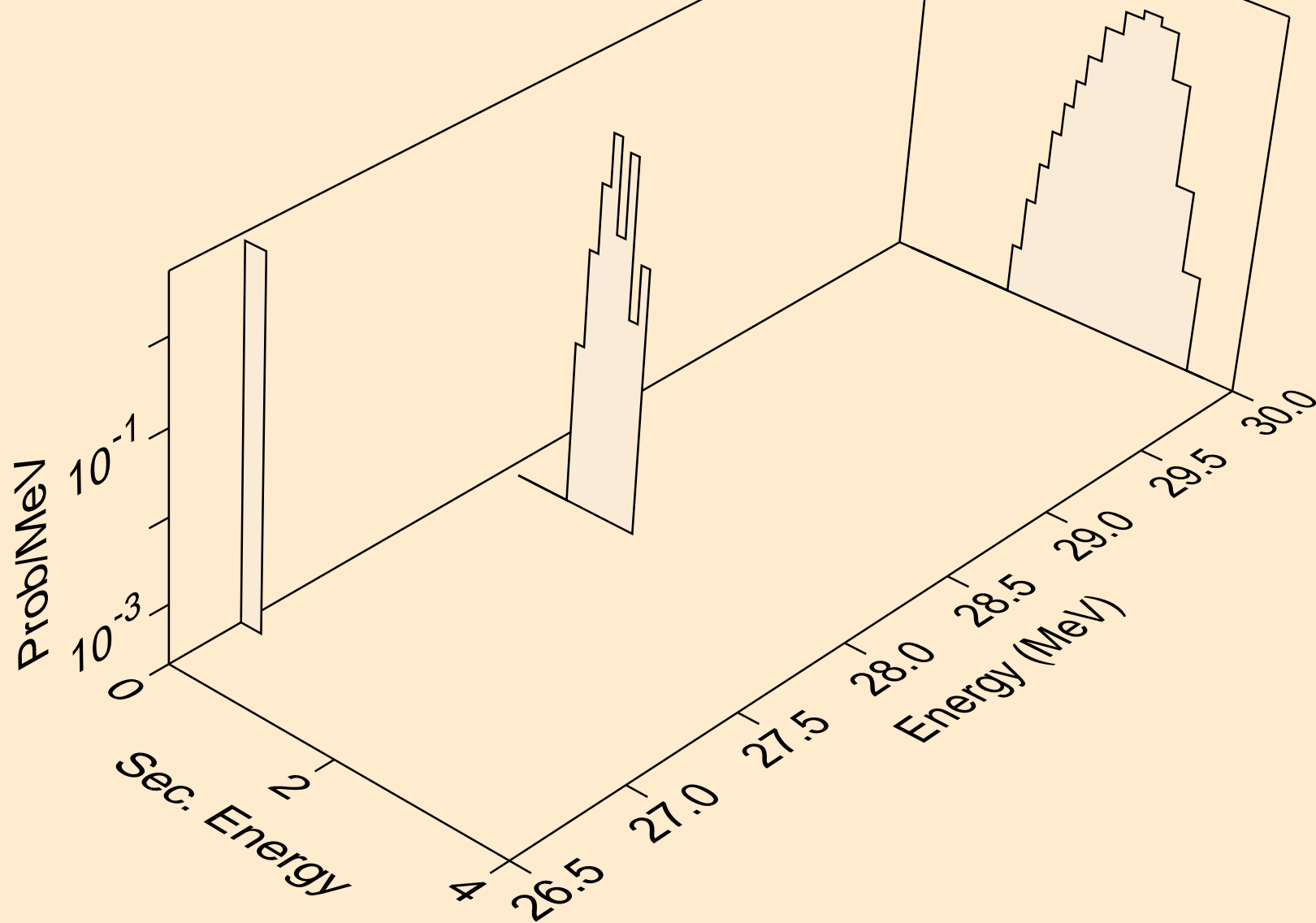
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



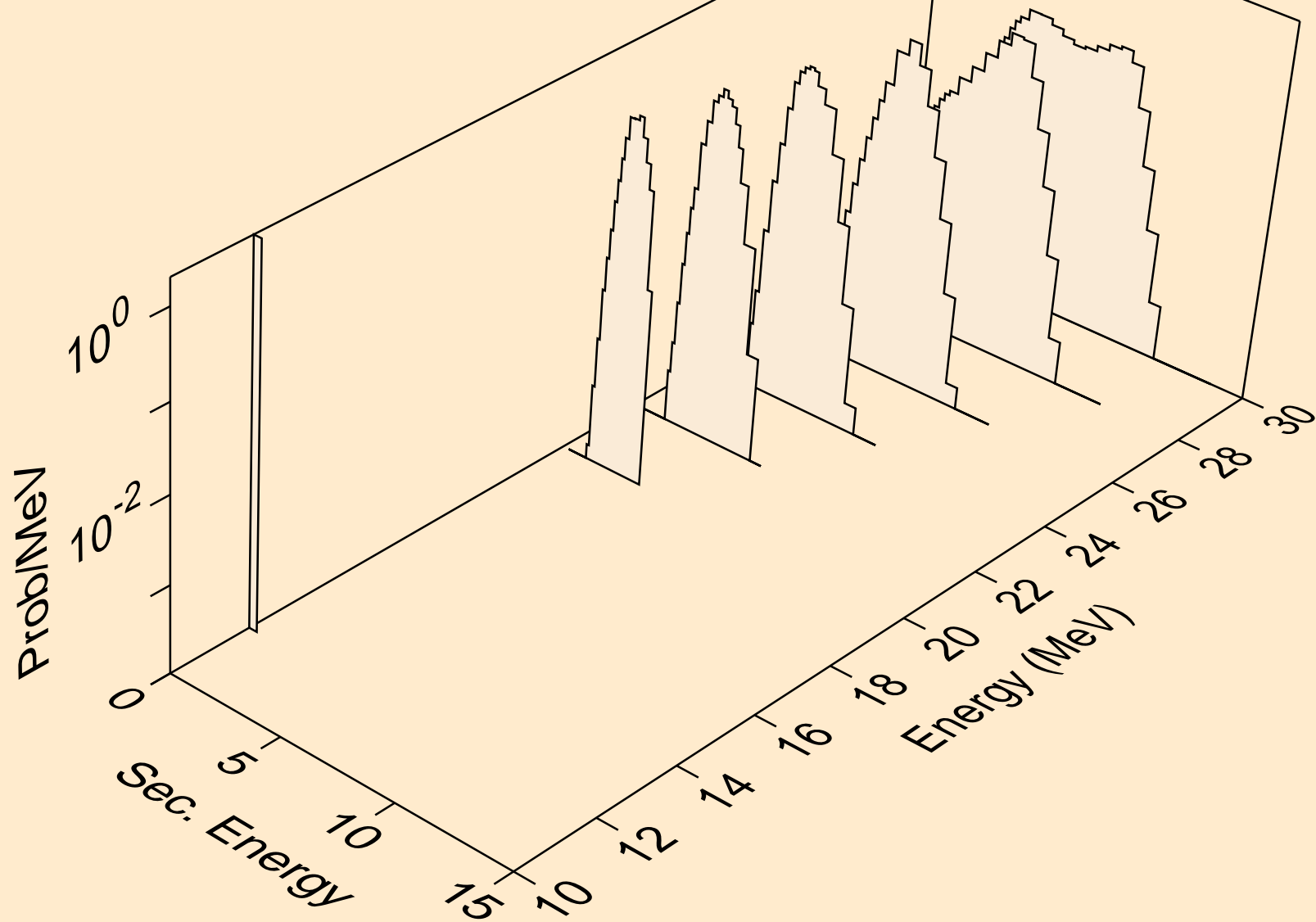
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



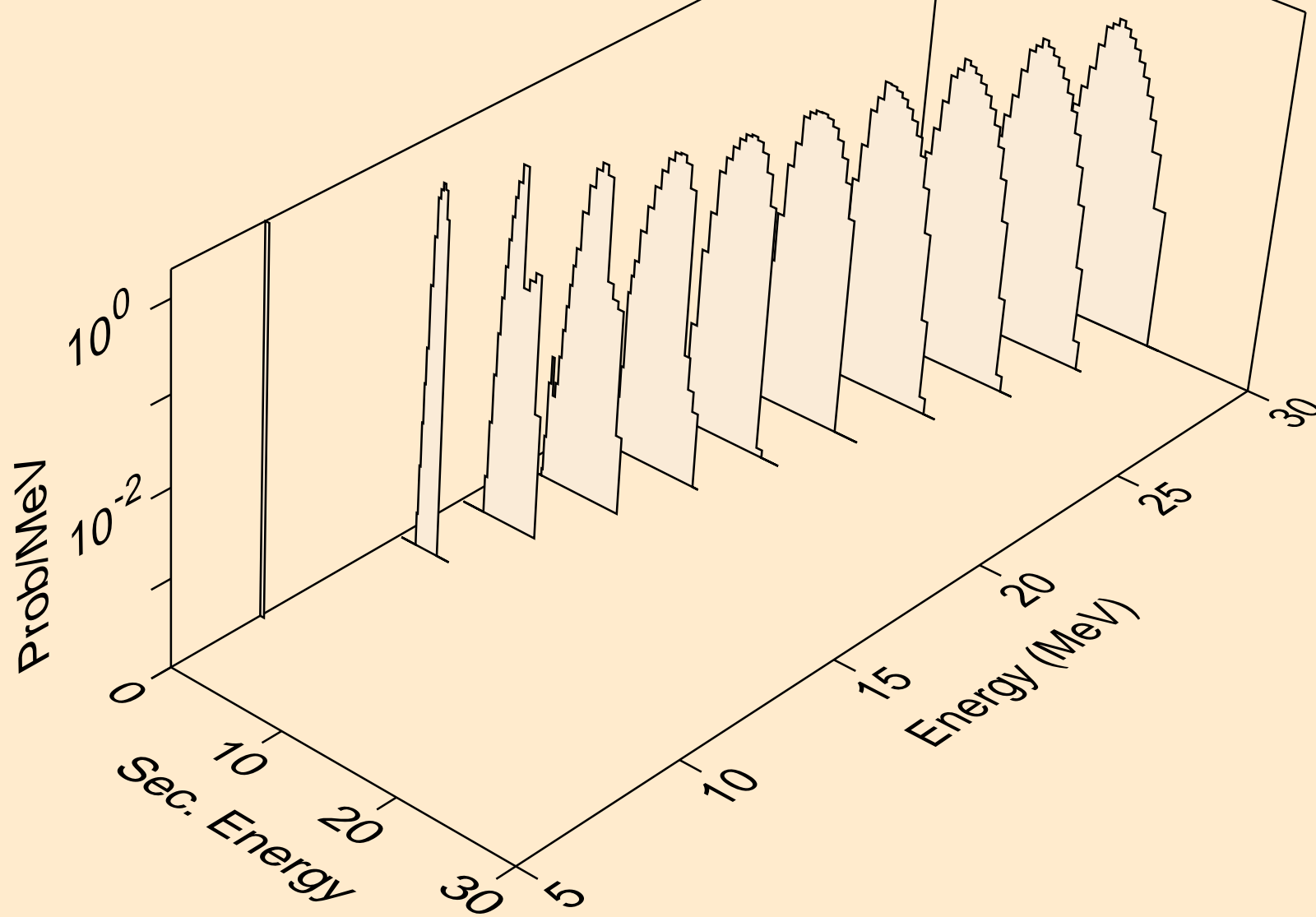
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)



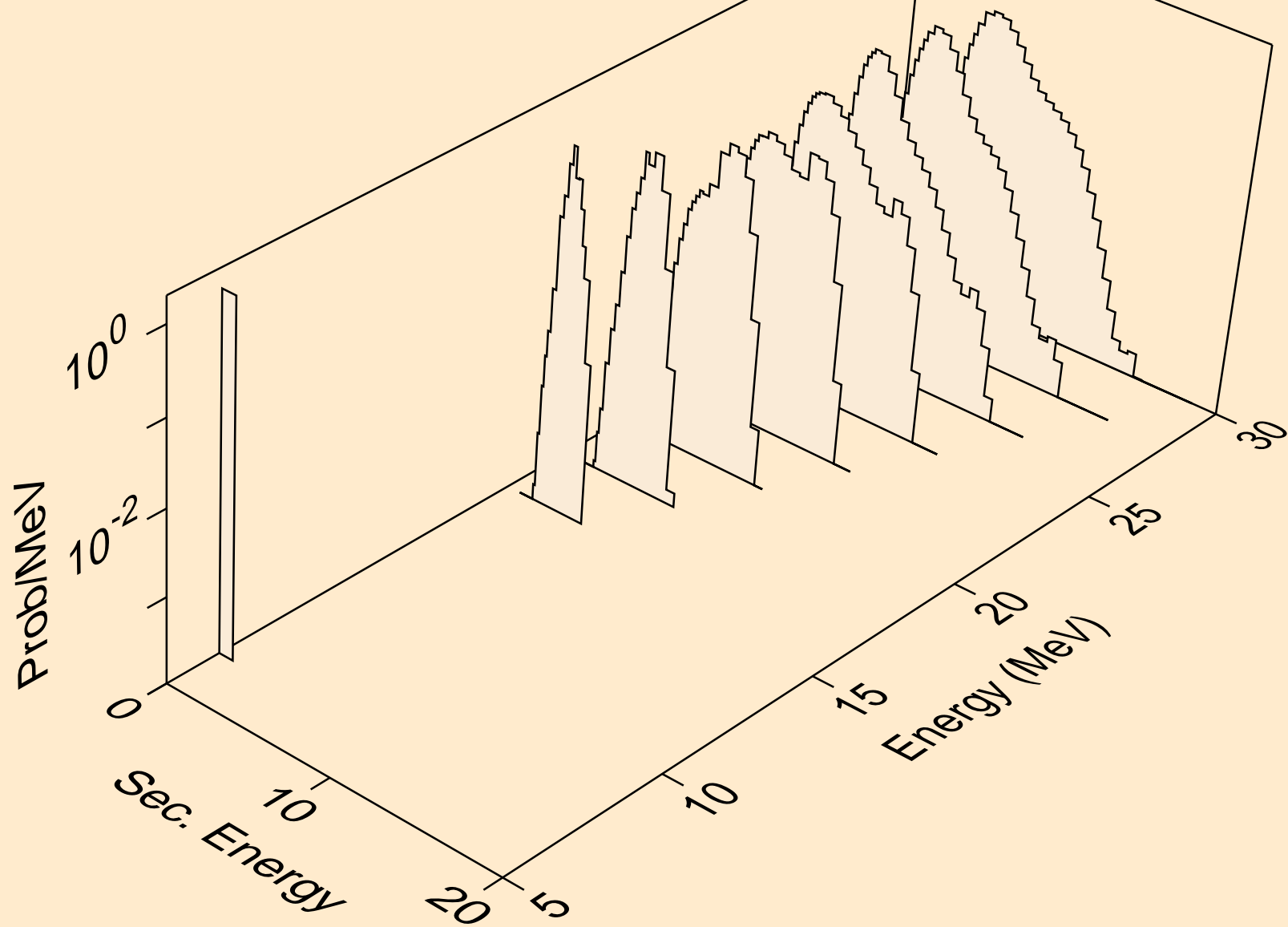
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



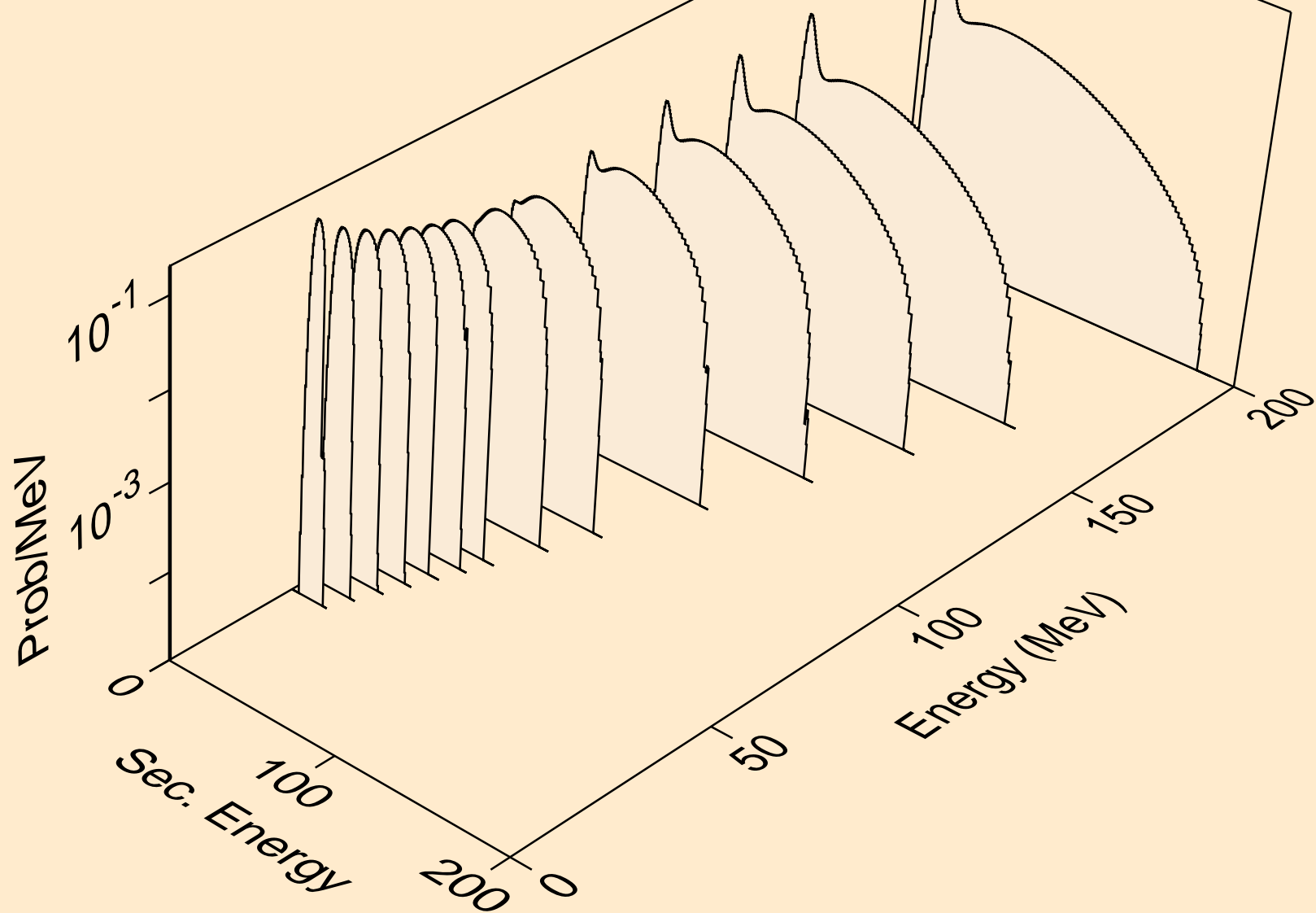
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



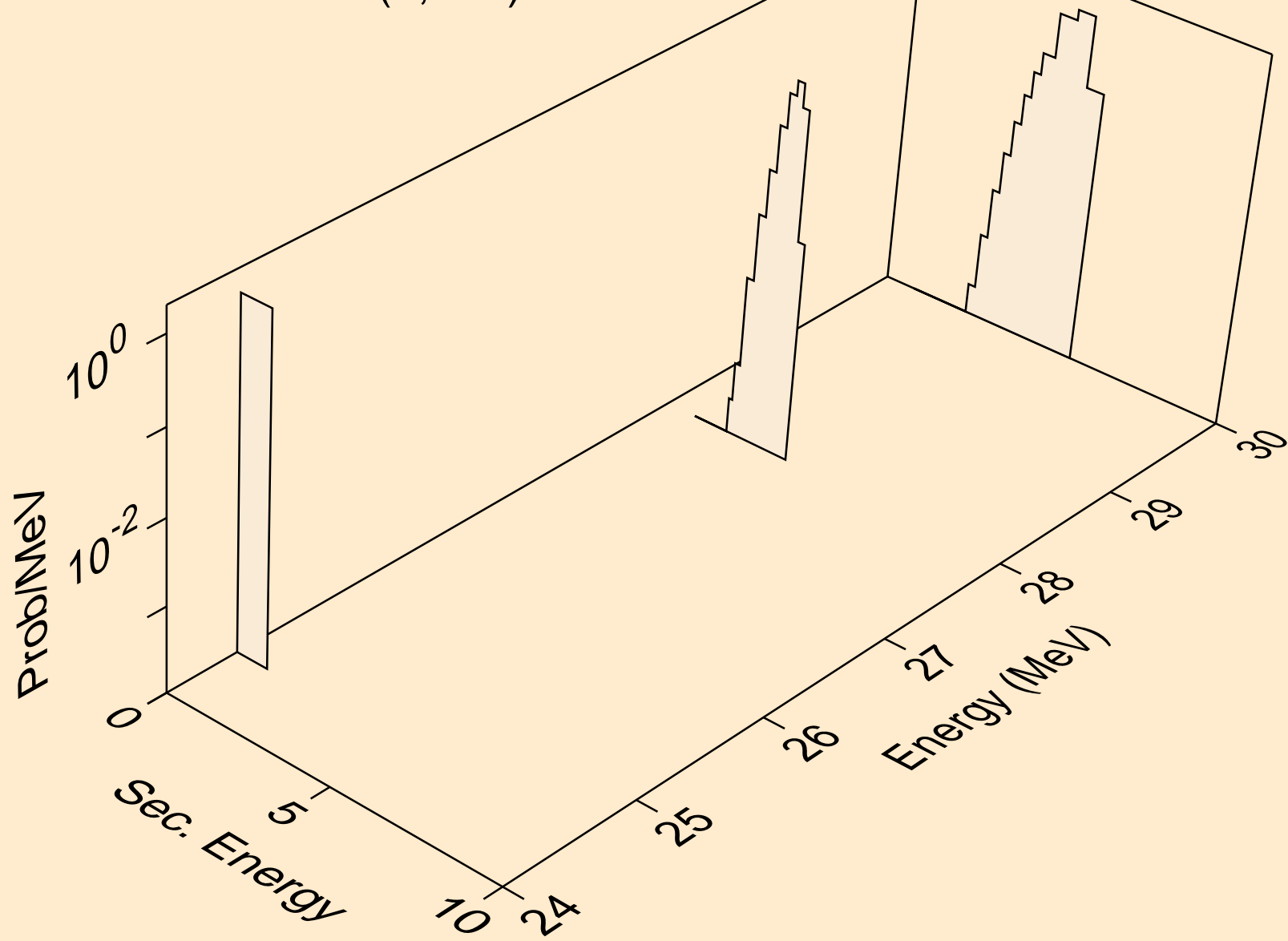
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



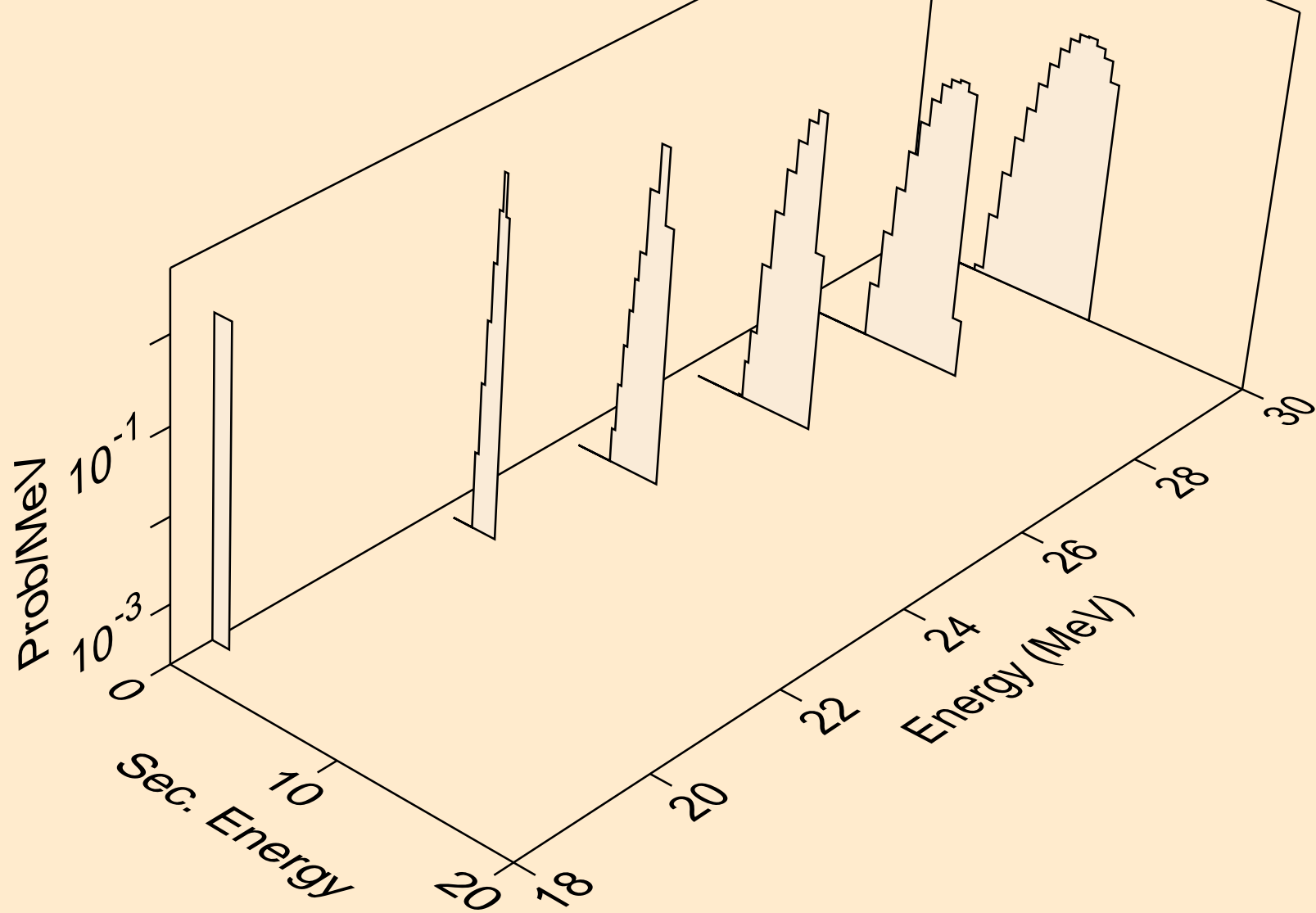
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



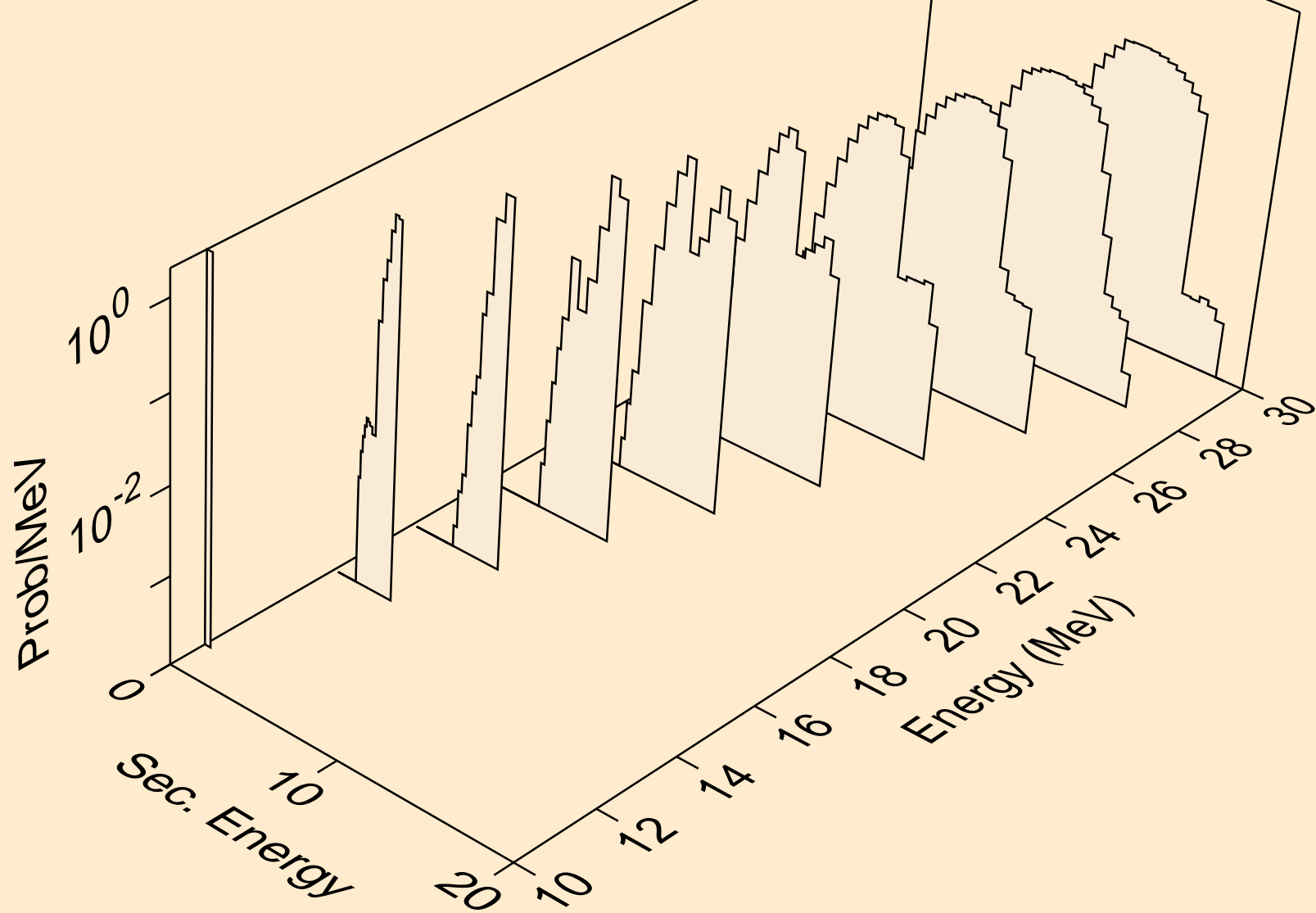
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)



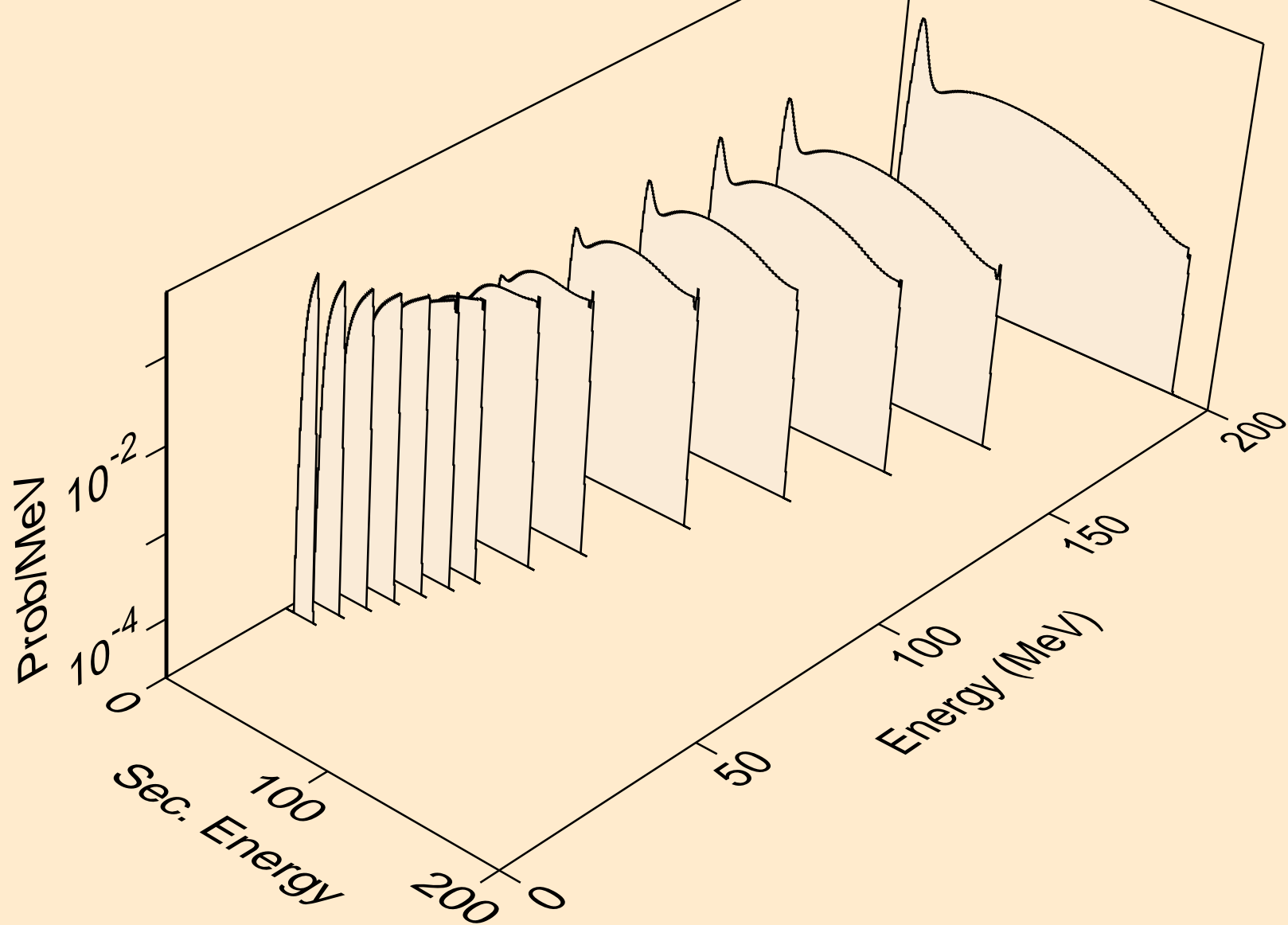
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



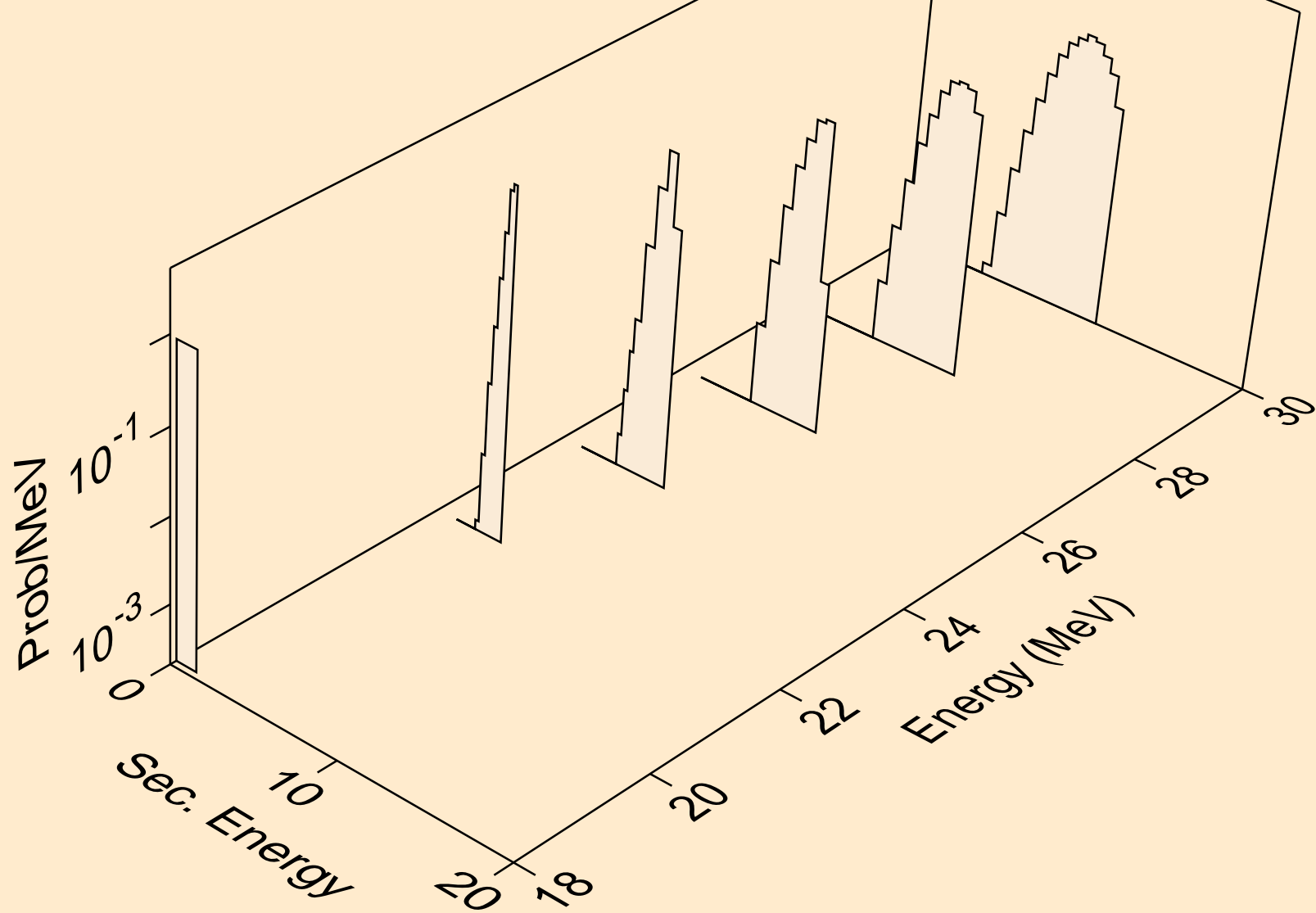
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



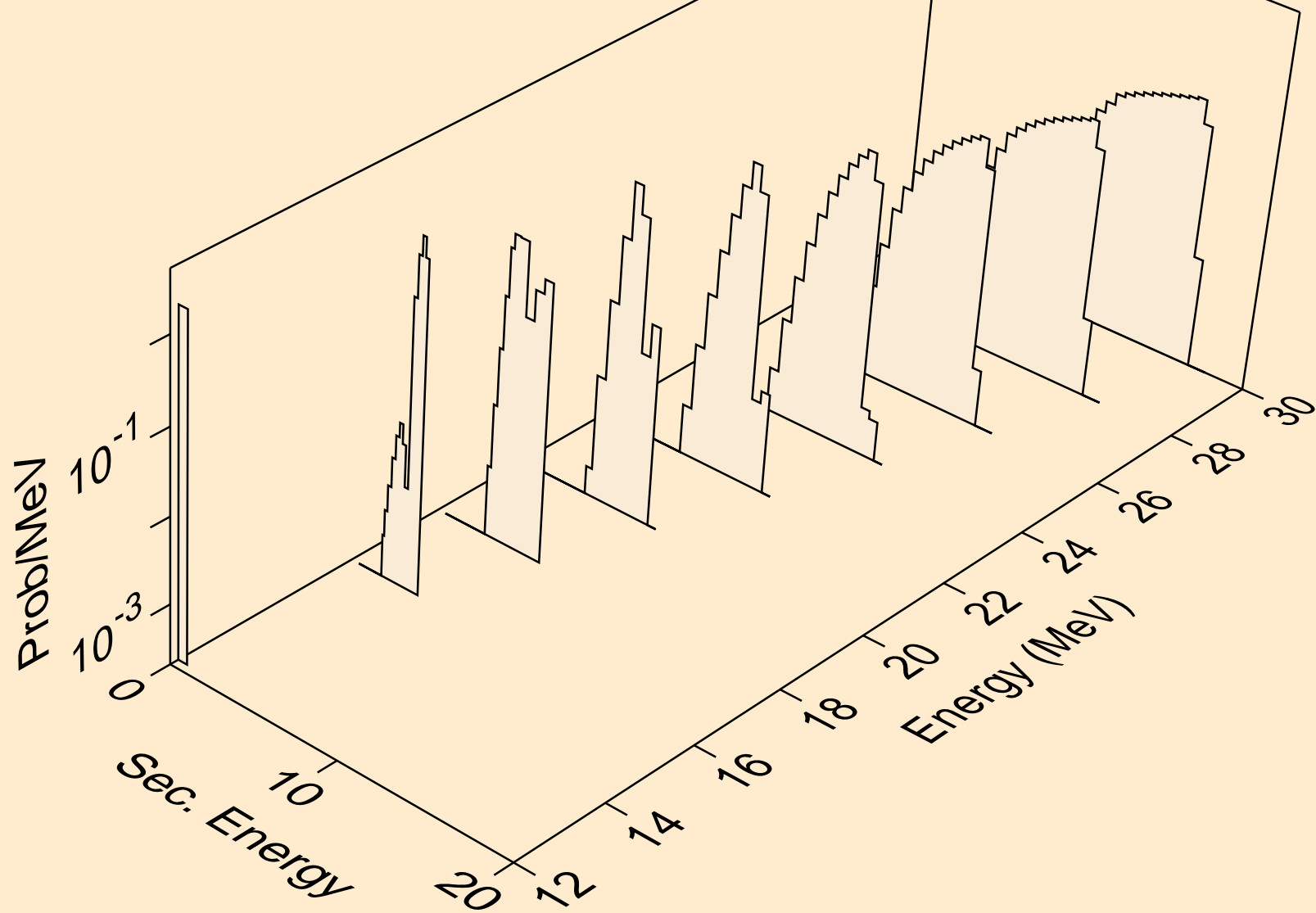
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



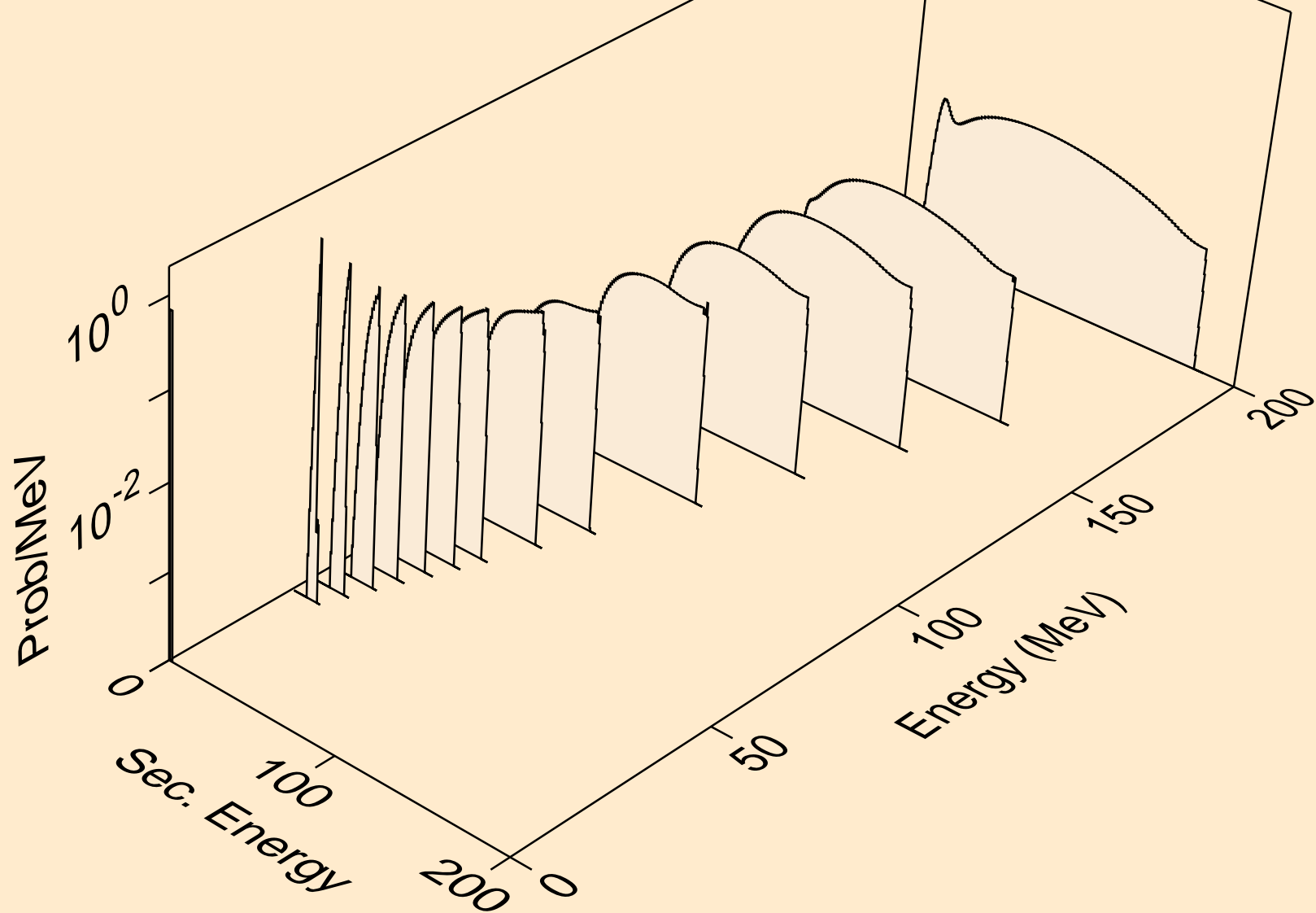
PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



PR144 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

