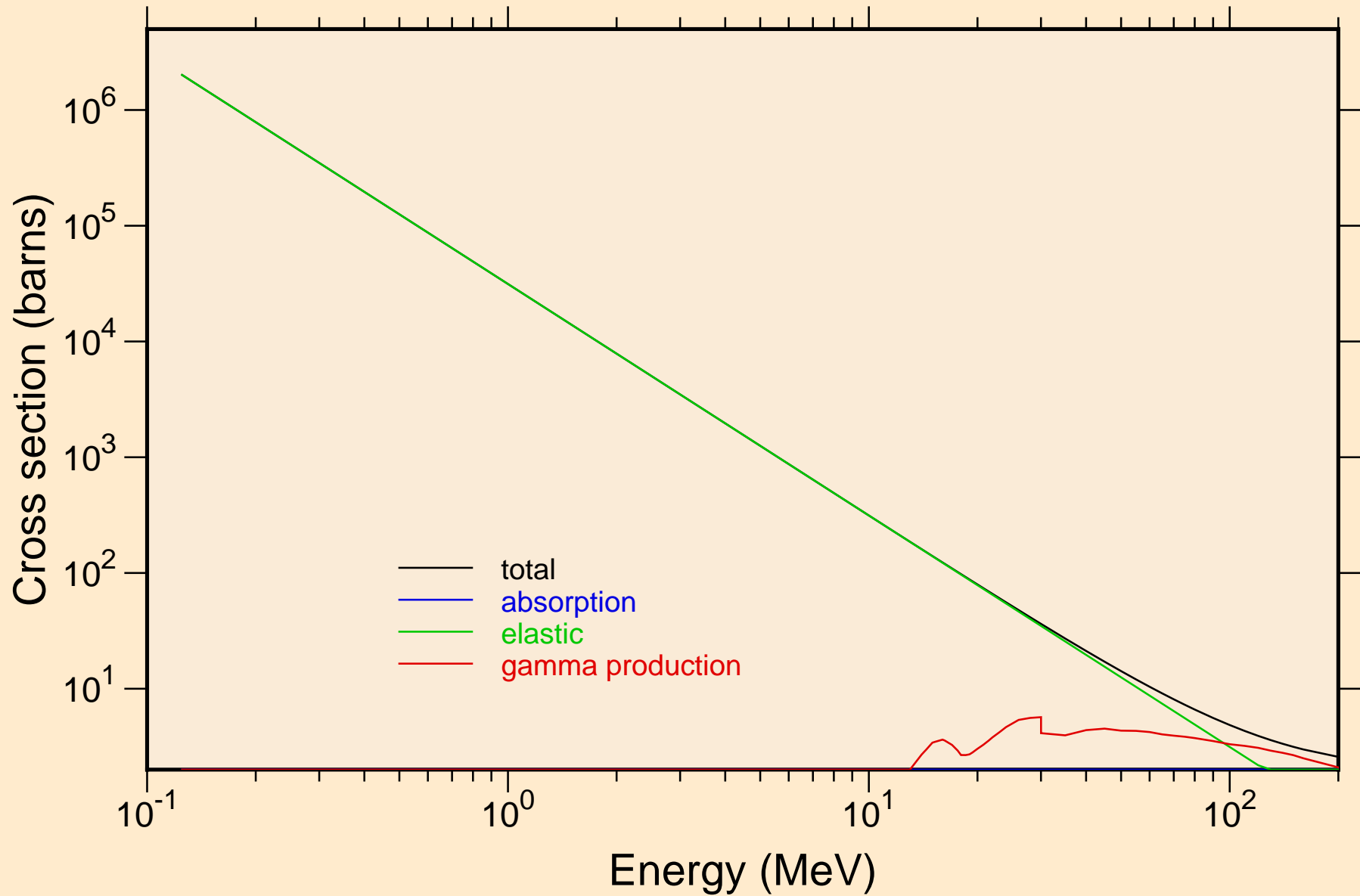
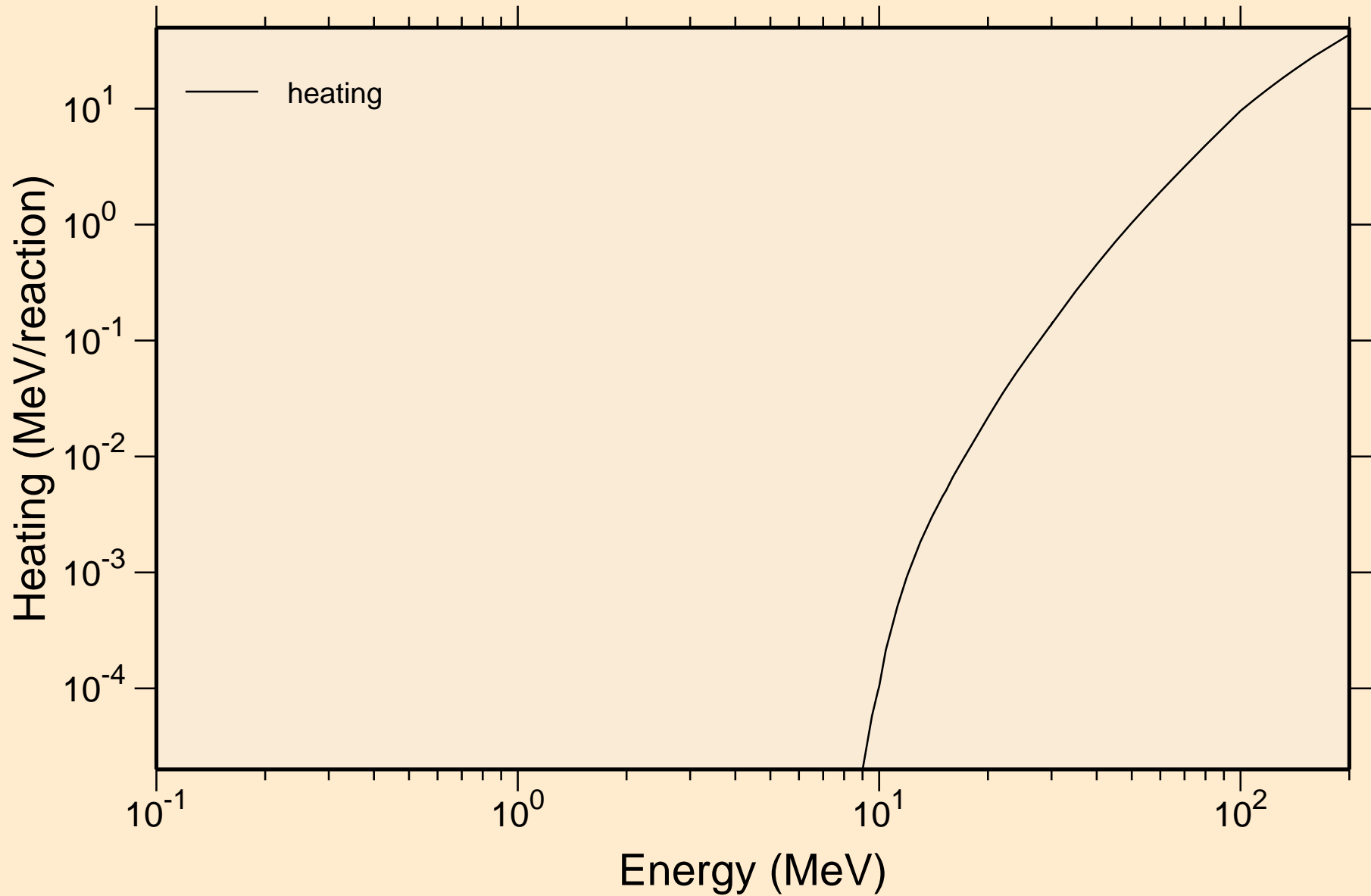


SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



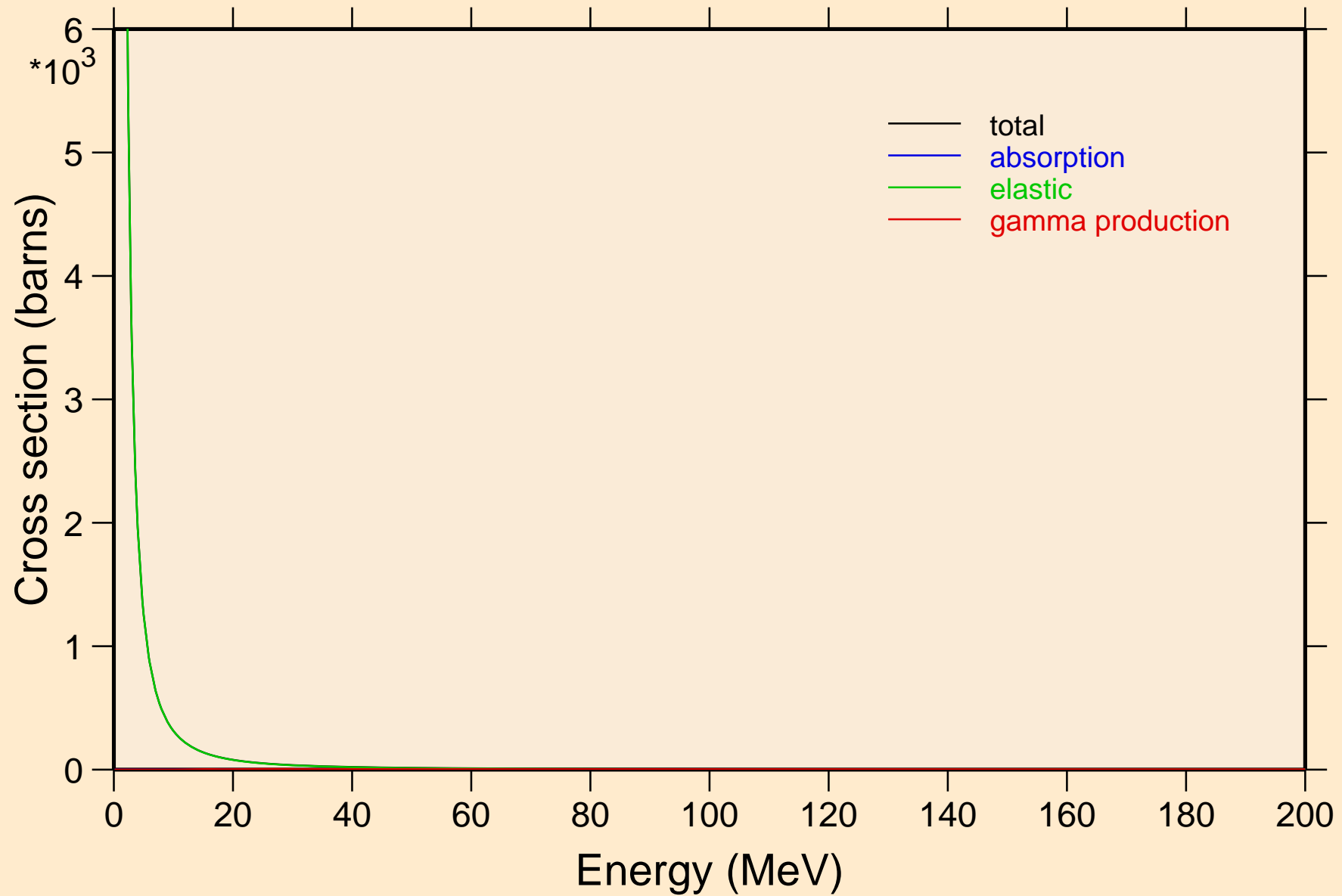
# SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Heating



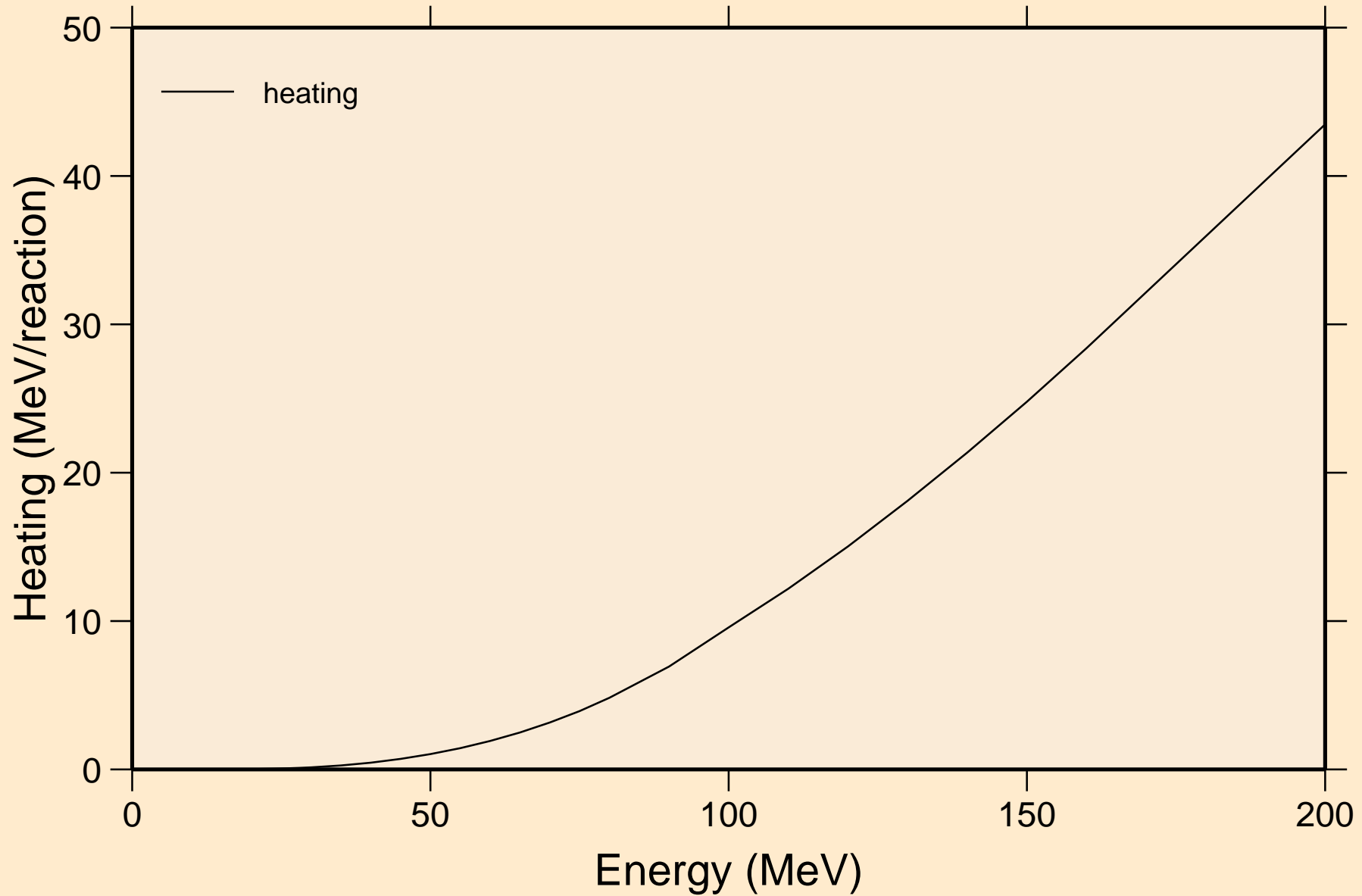
# SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

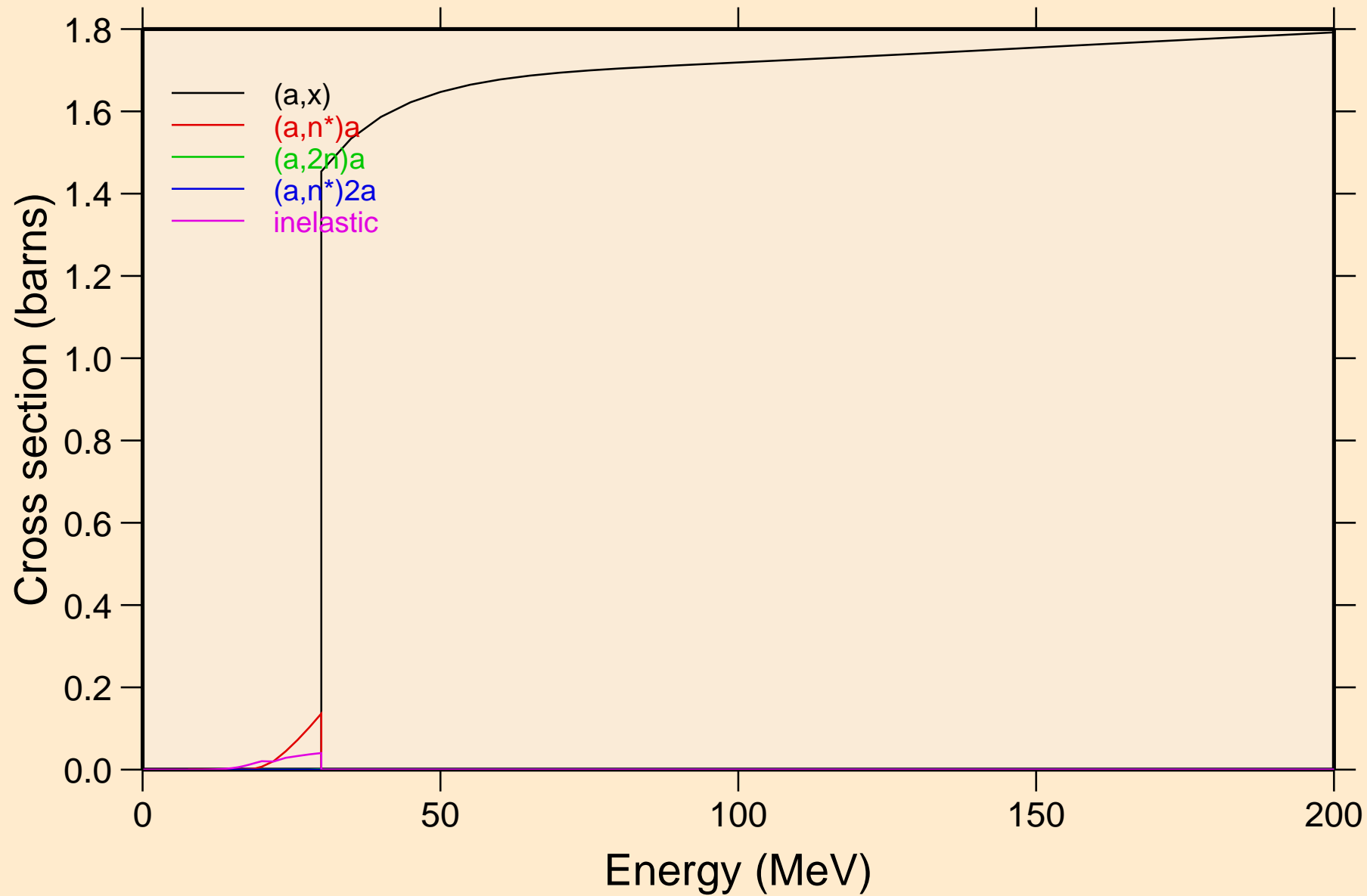


# SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

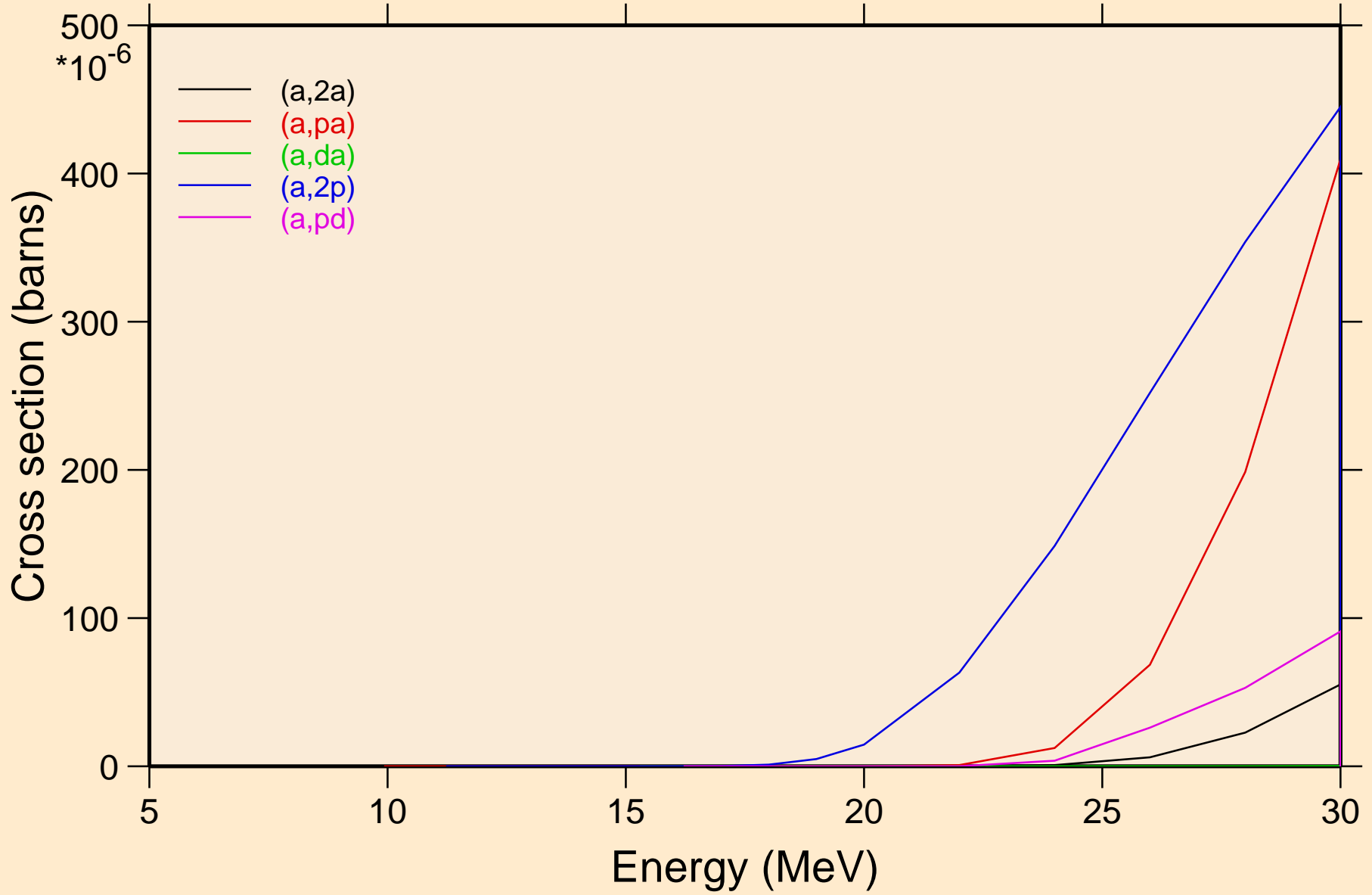
## Heating



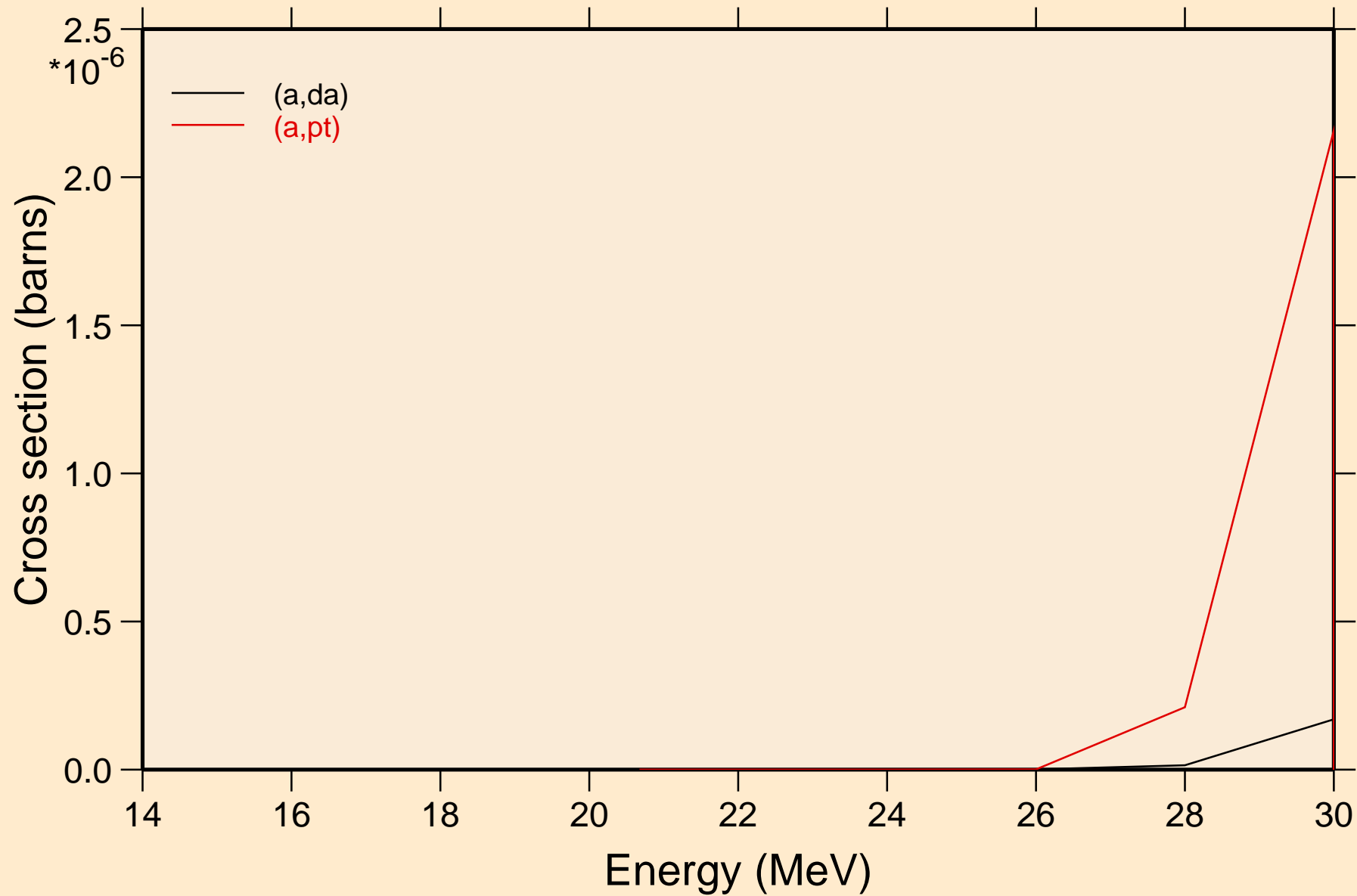
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



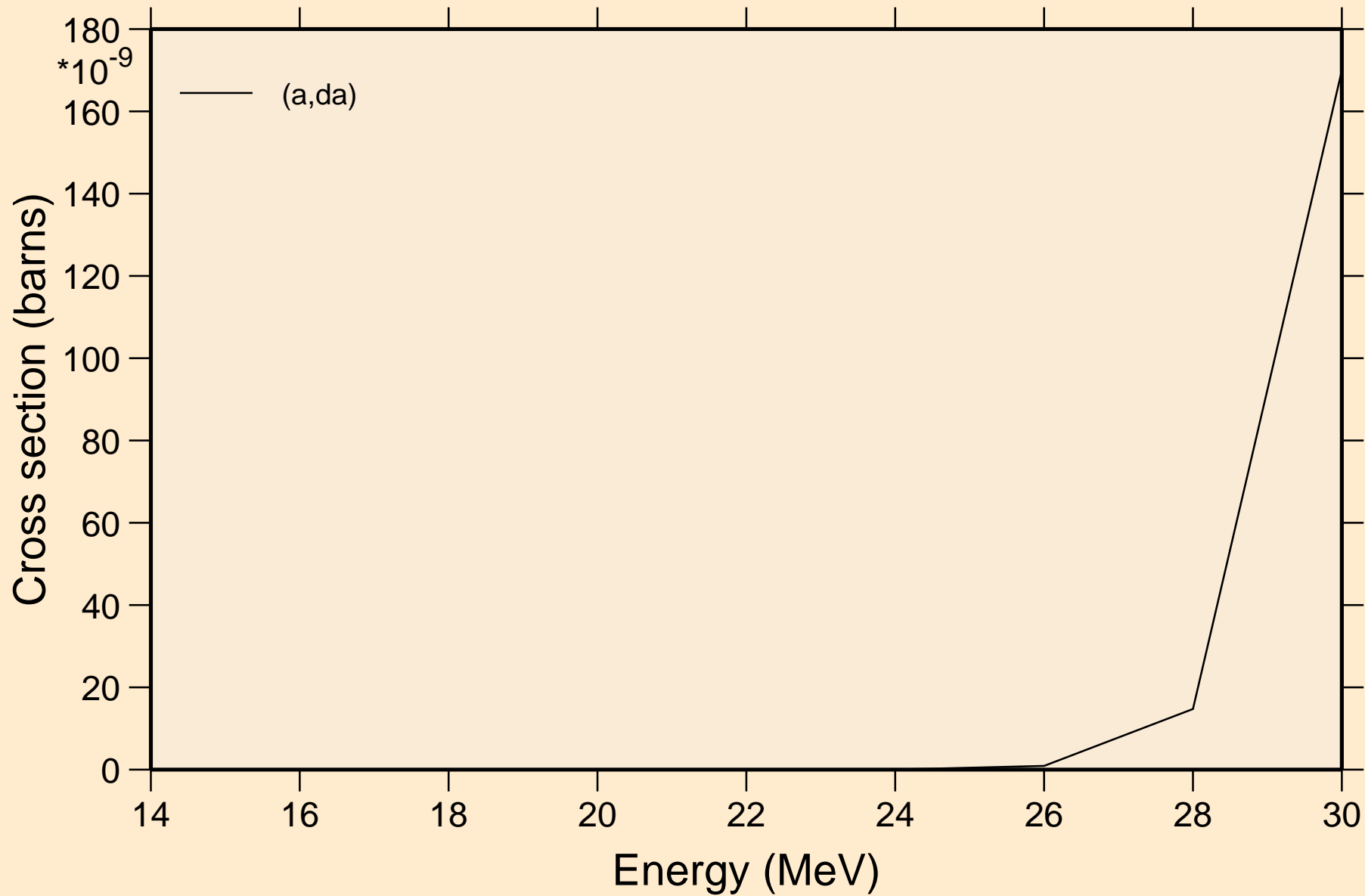
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



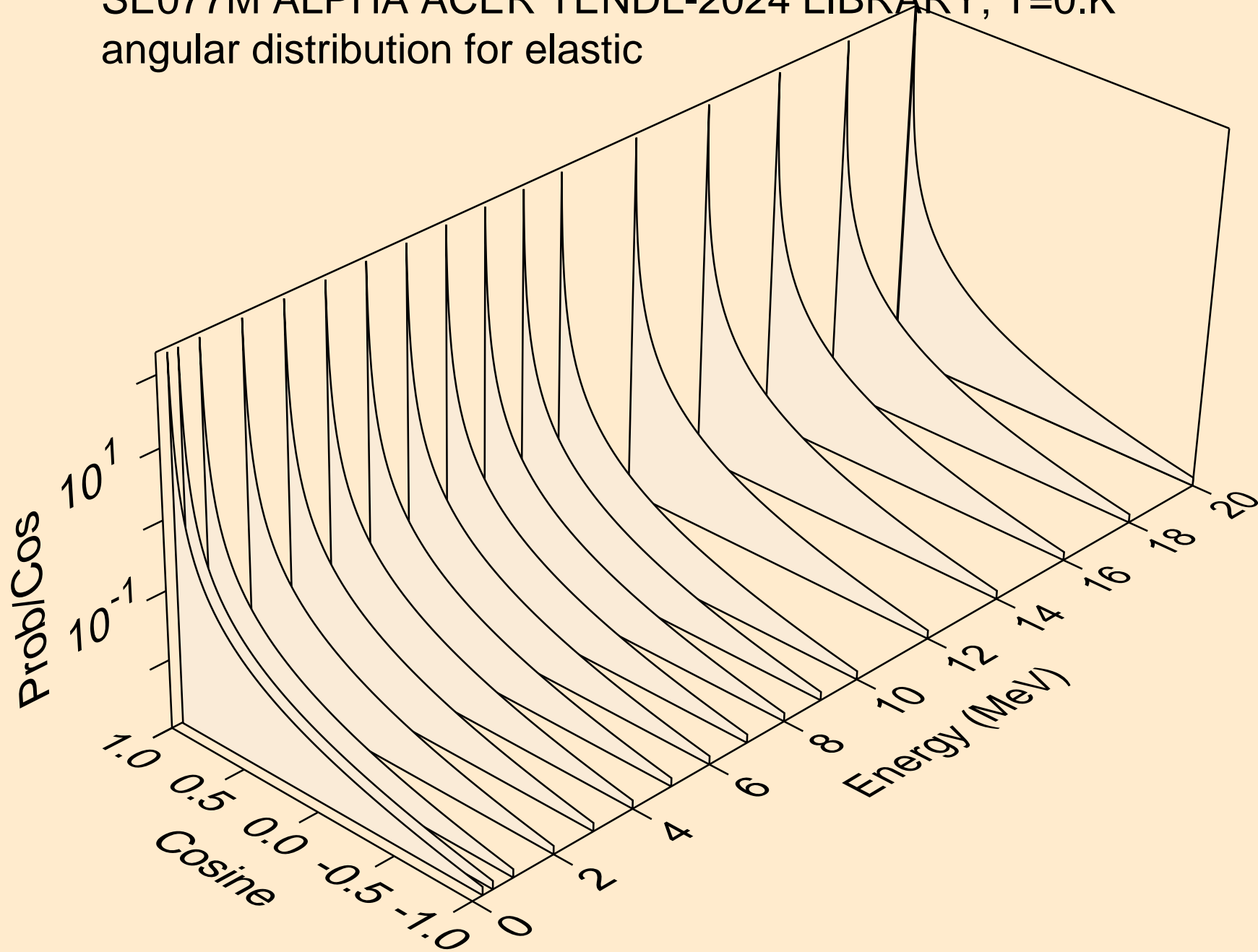
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



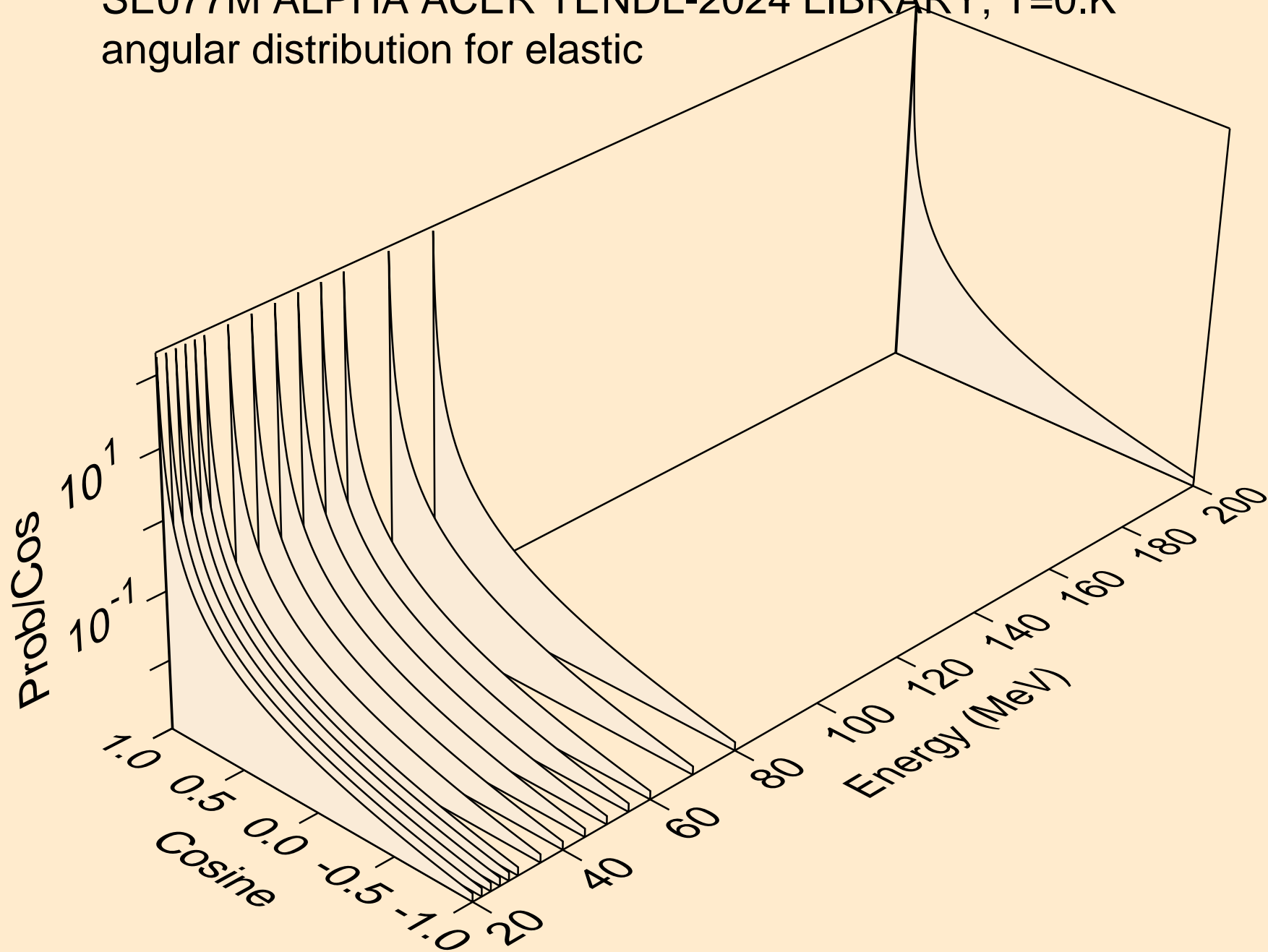
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



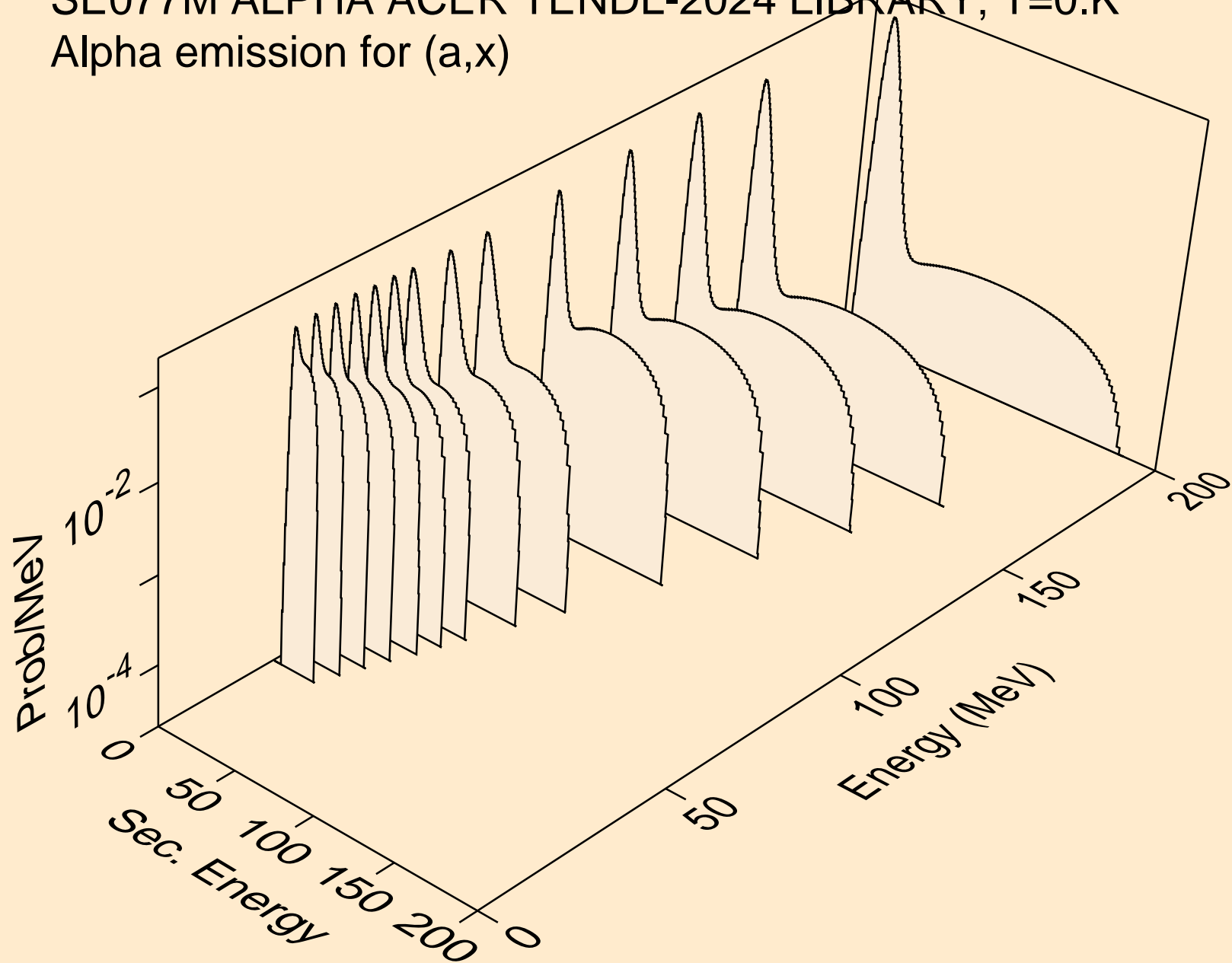
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



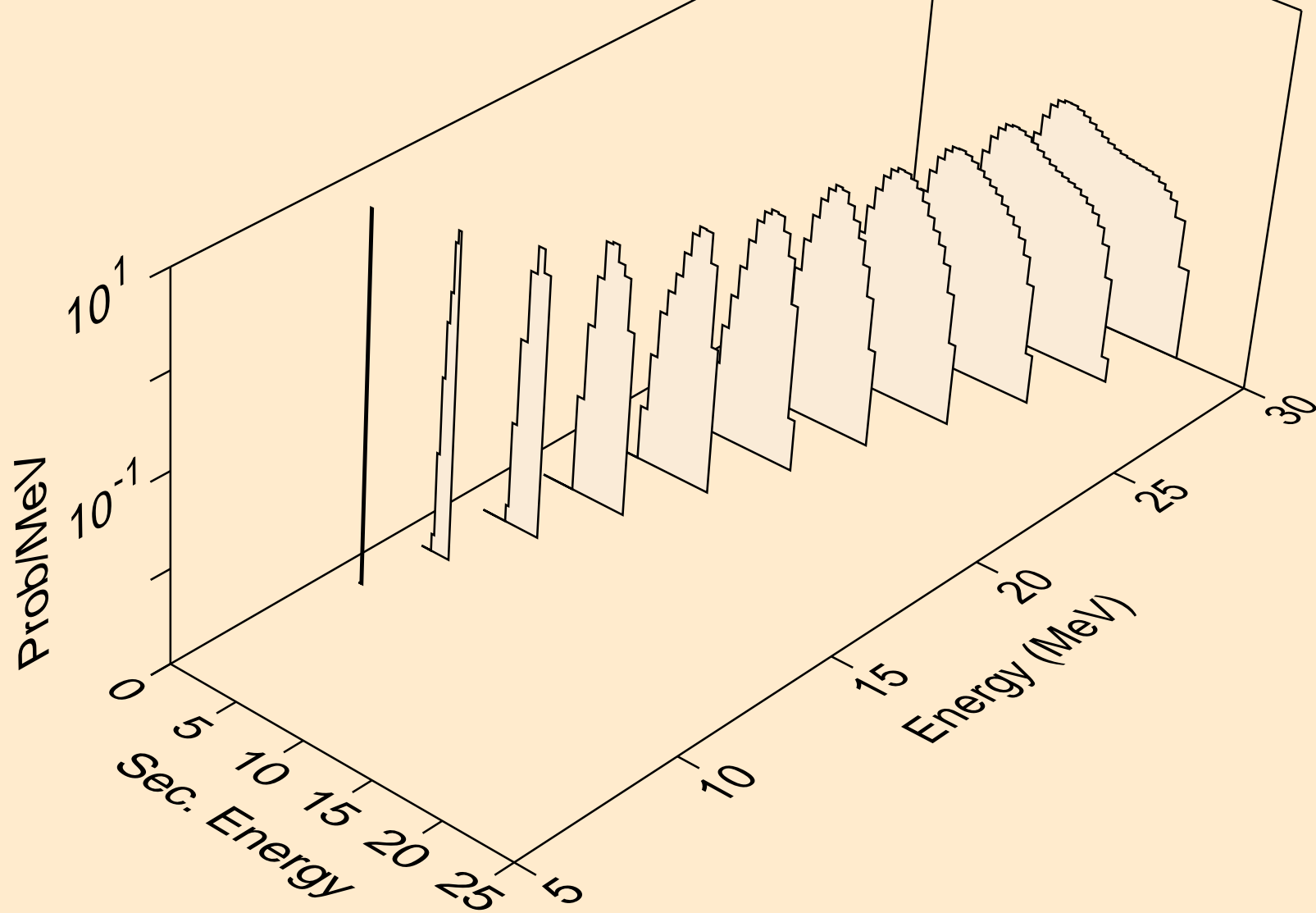
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



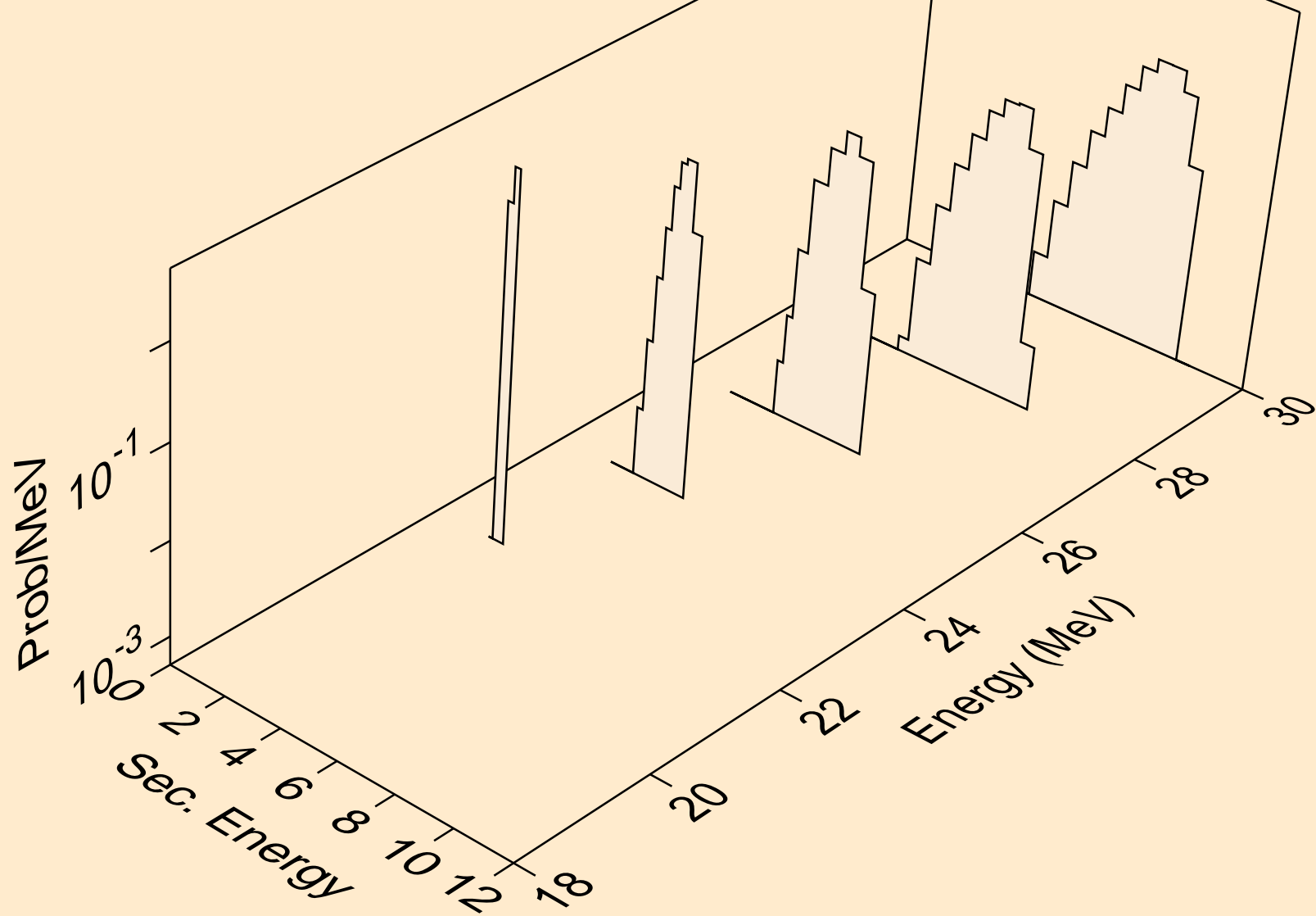
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)



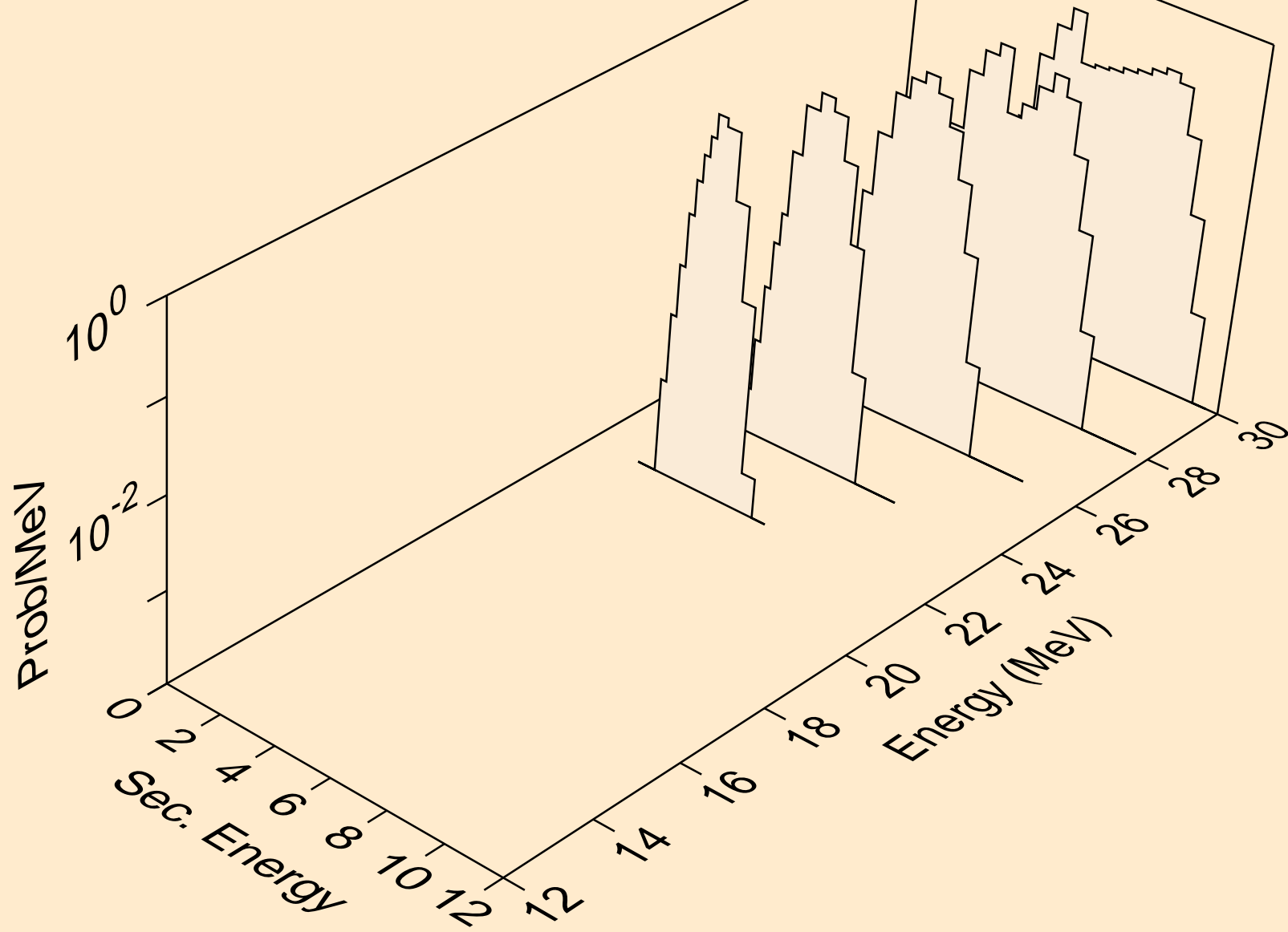
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



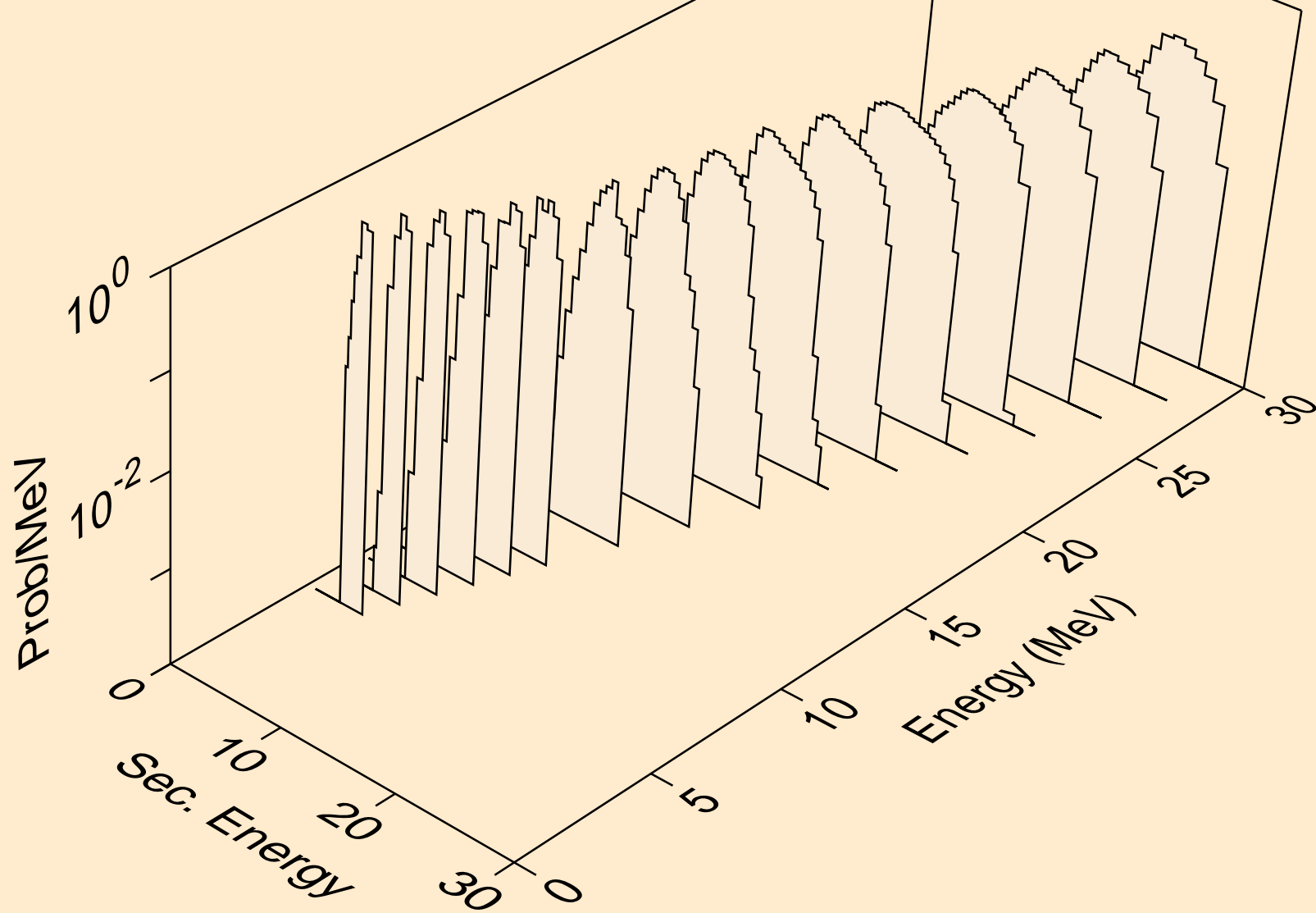
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



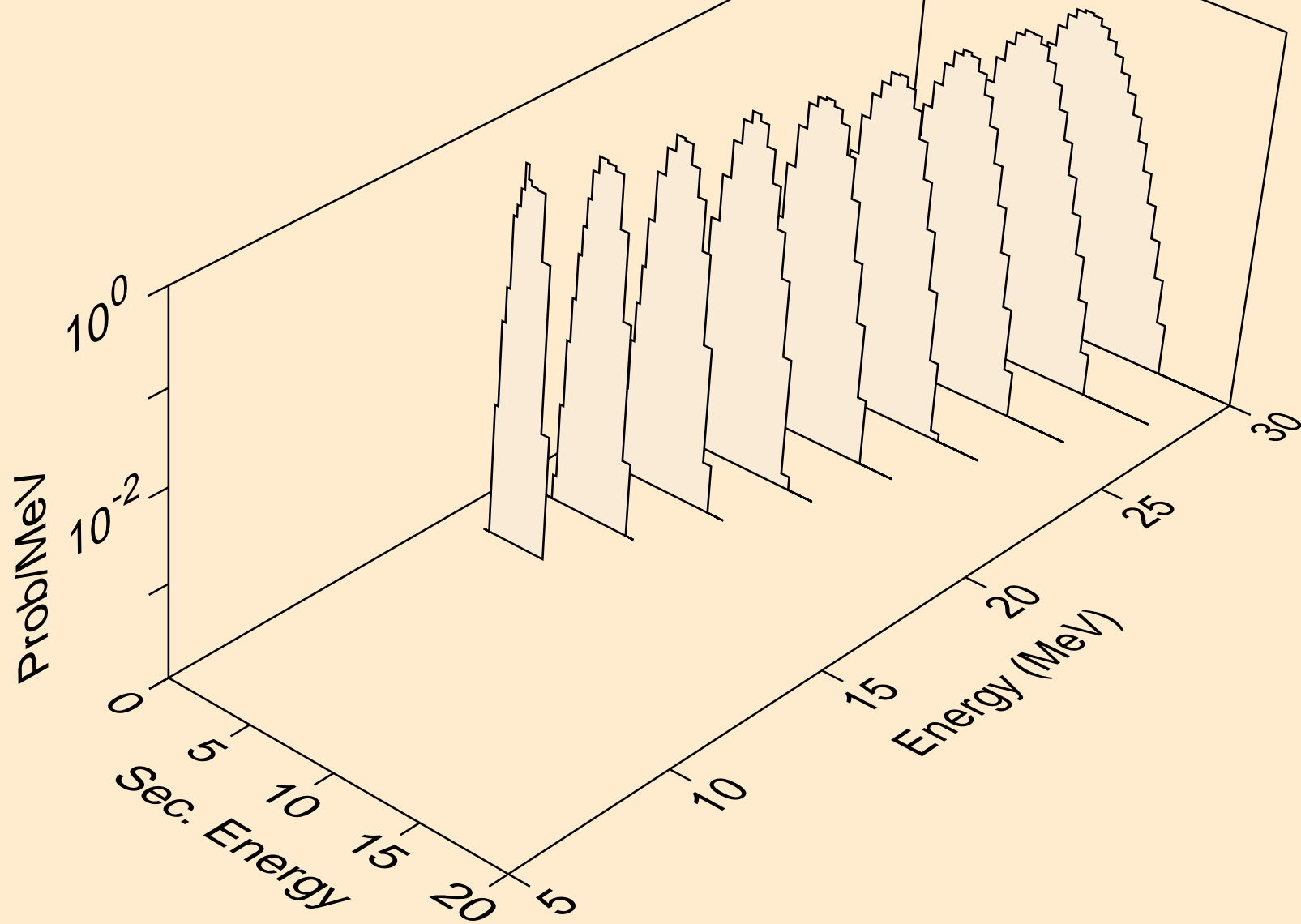
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



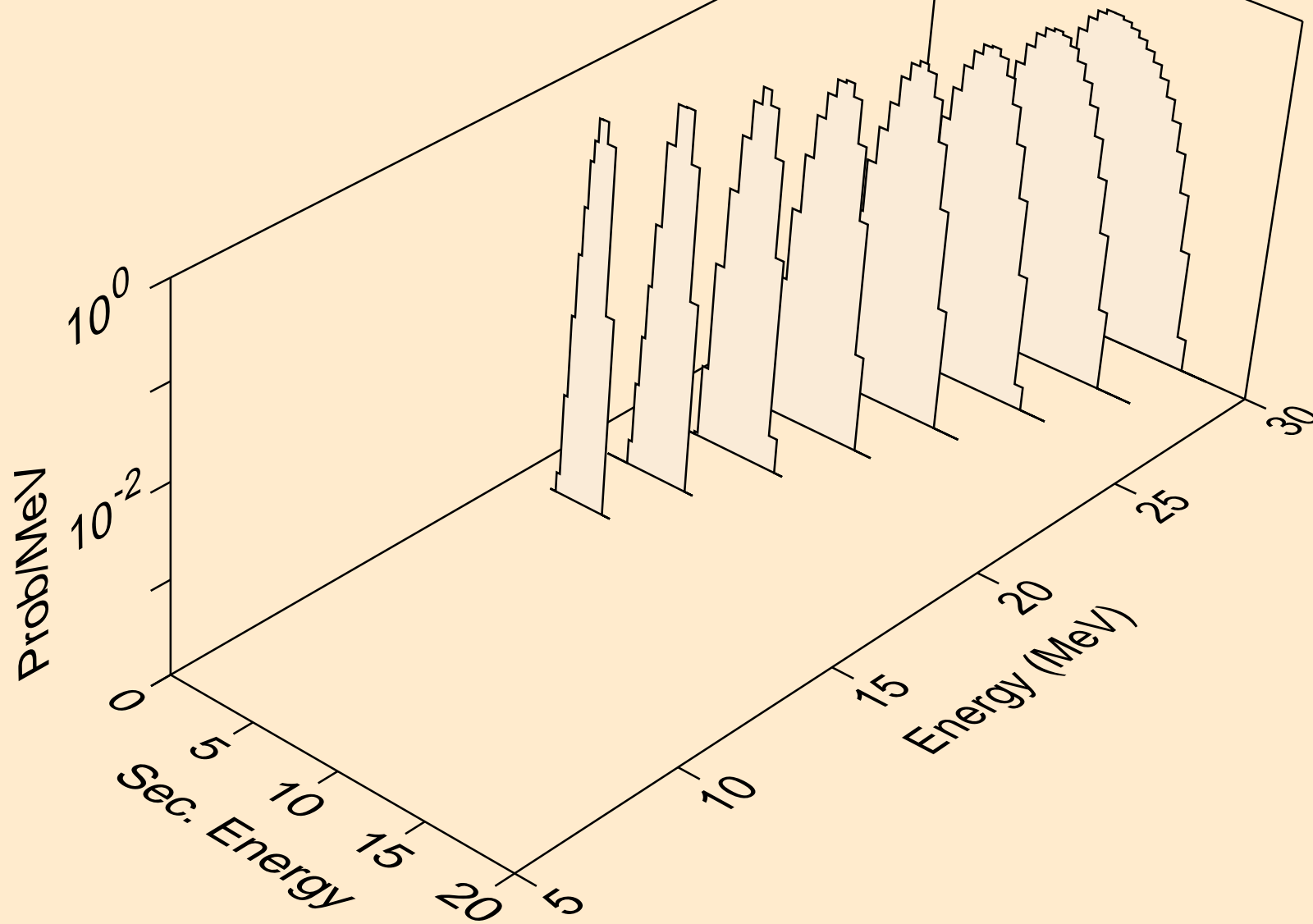
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



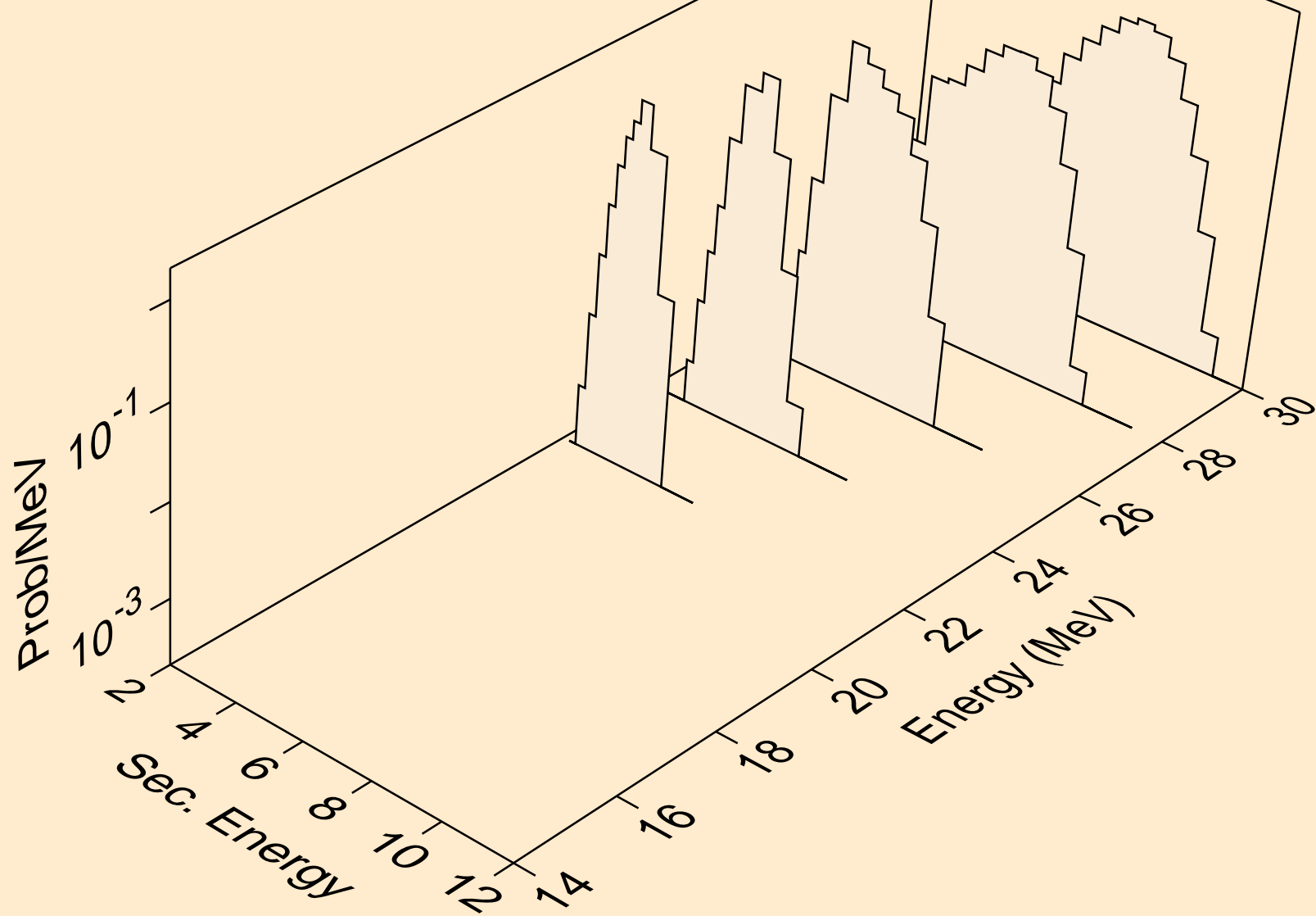
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2a)



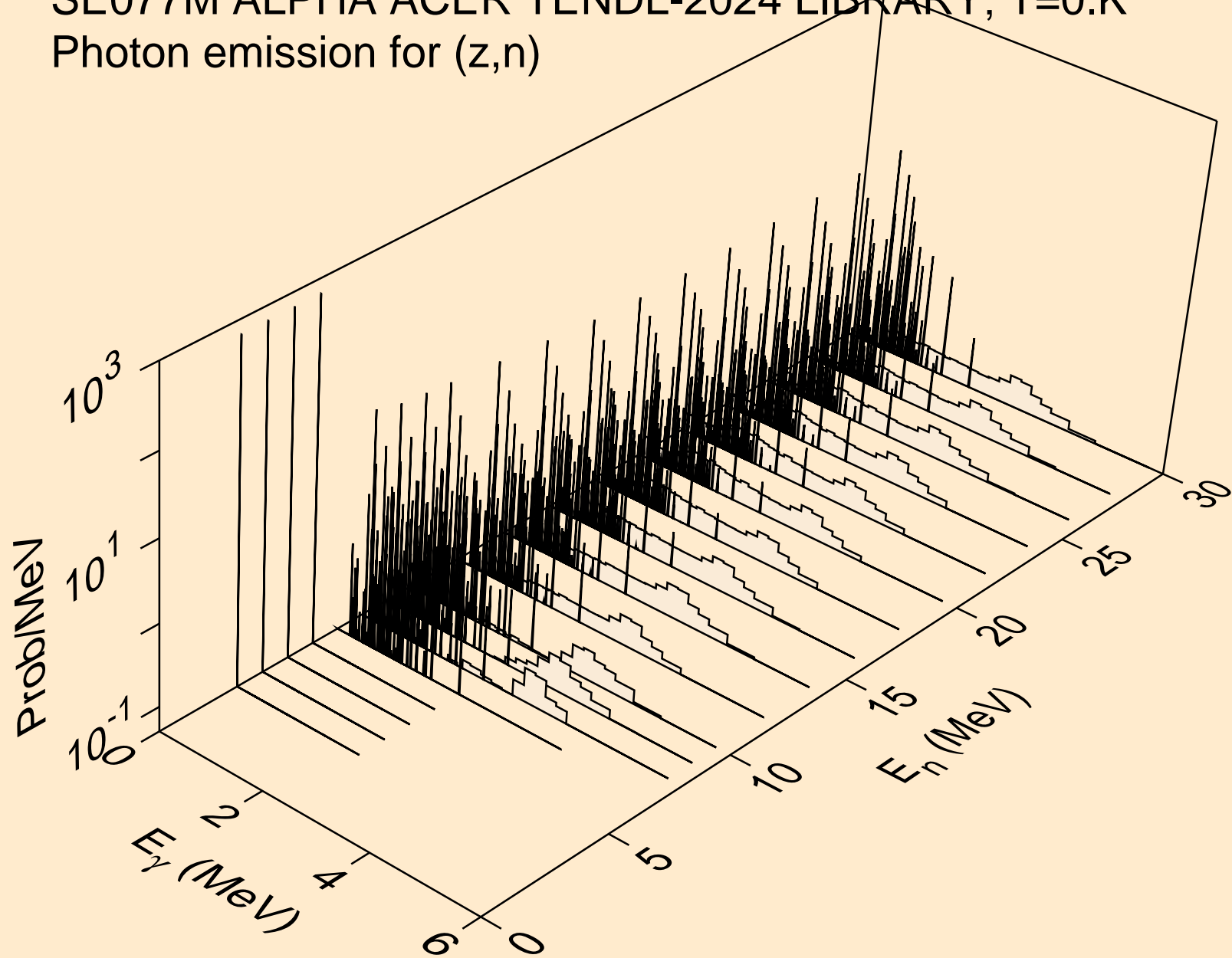
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,pa)



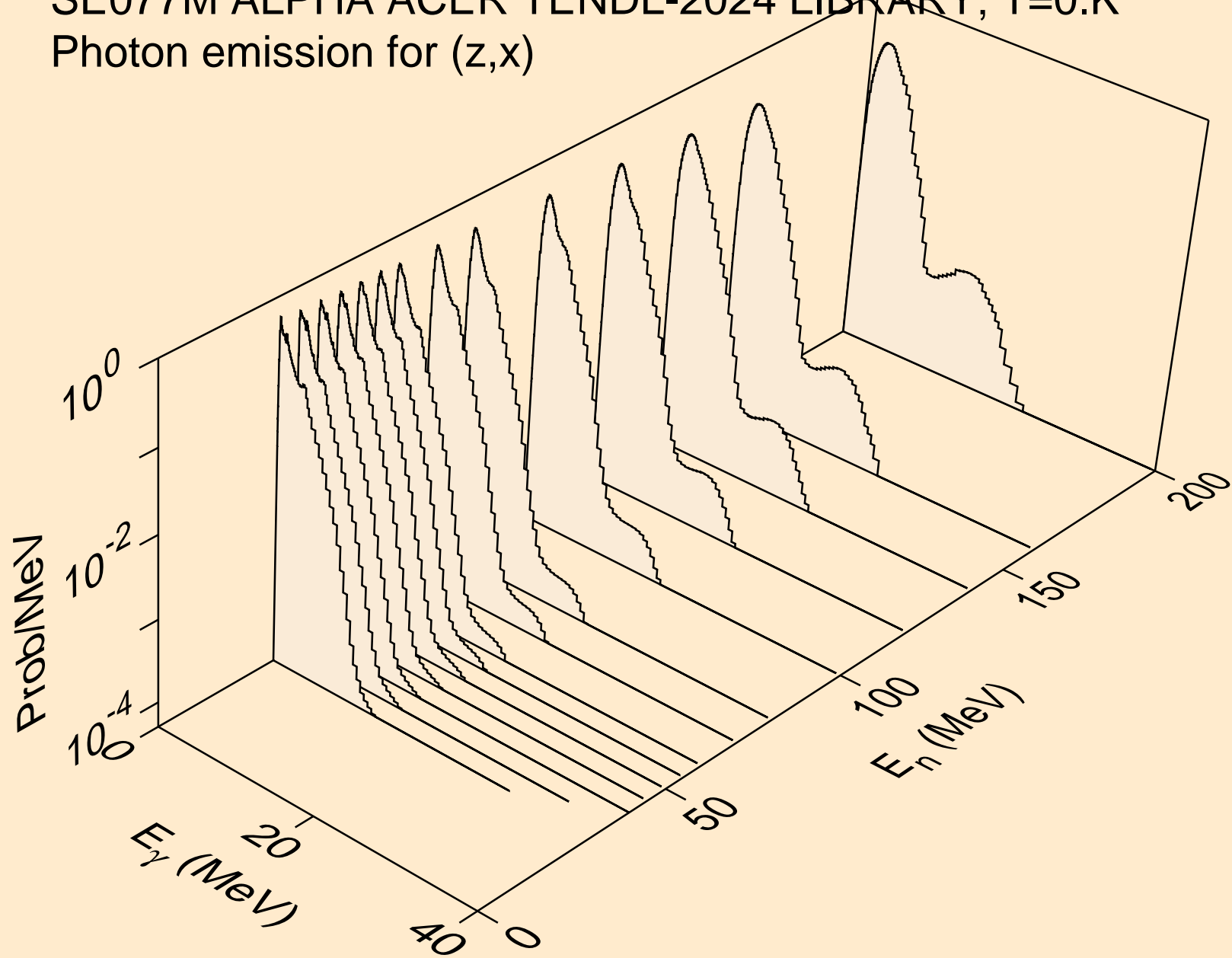
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,da)



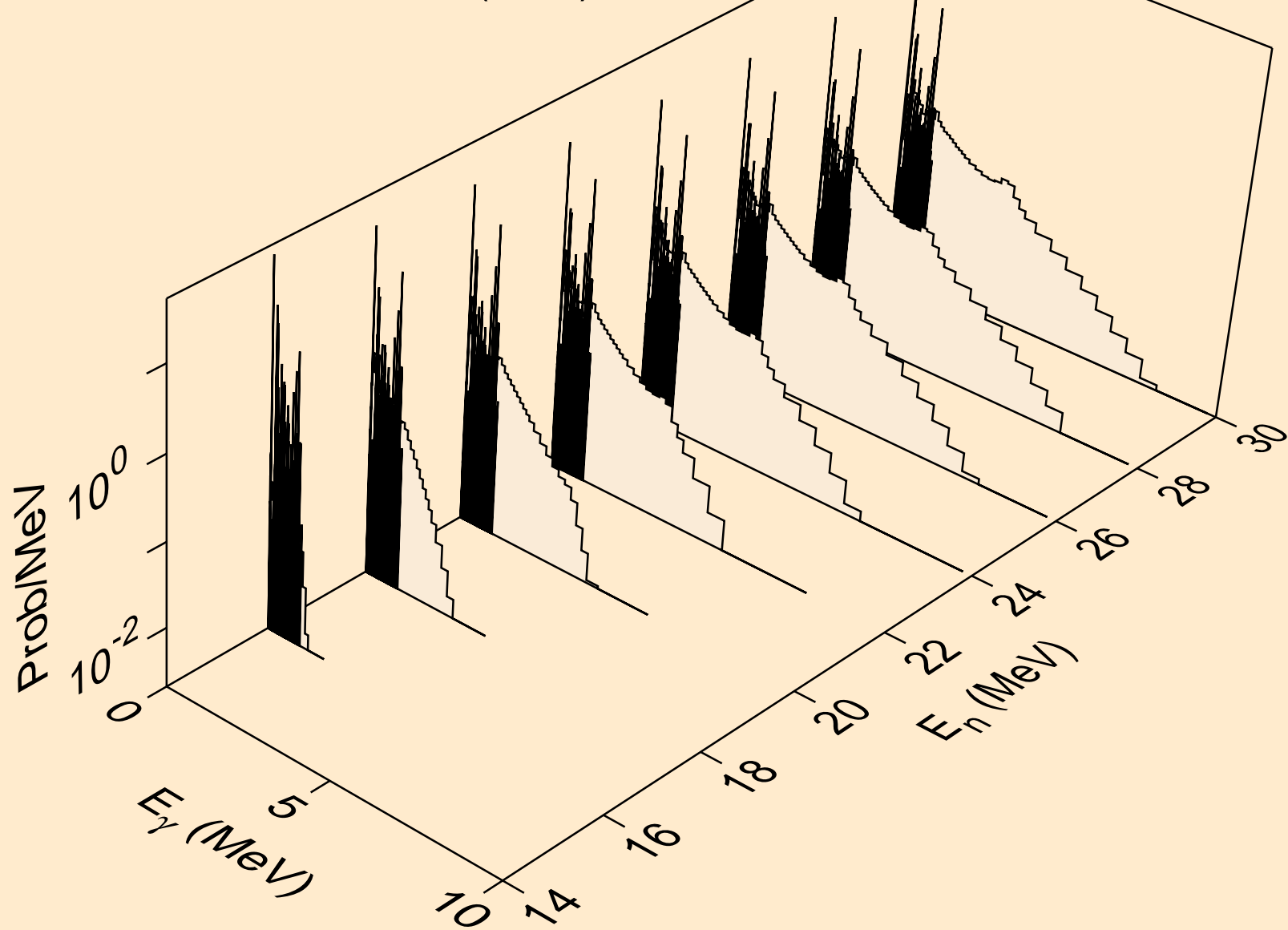
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



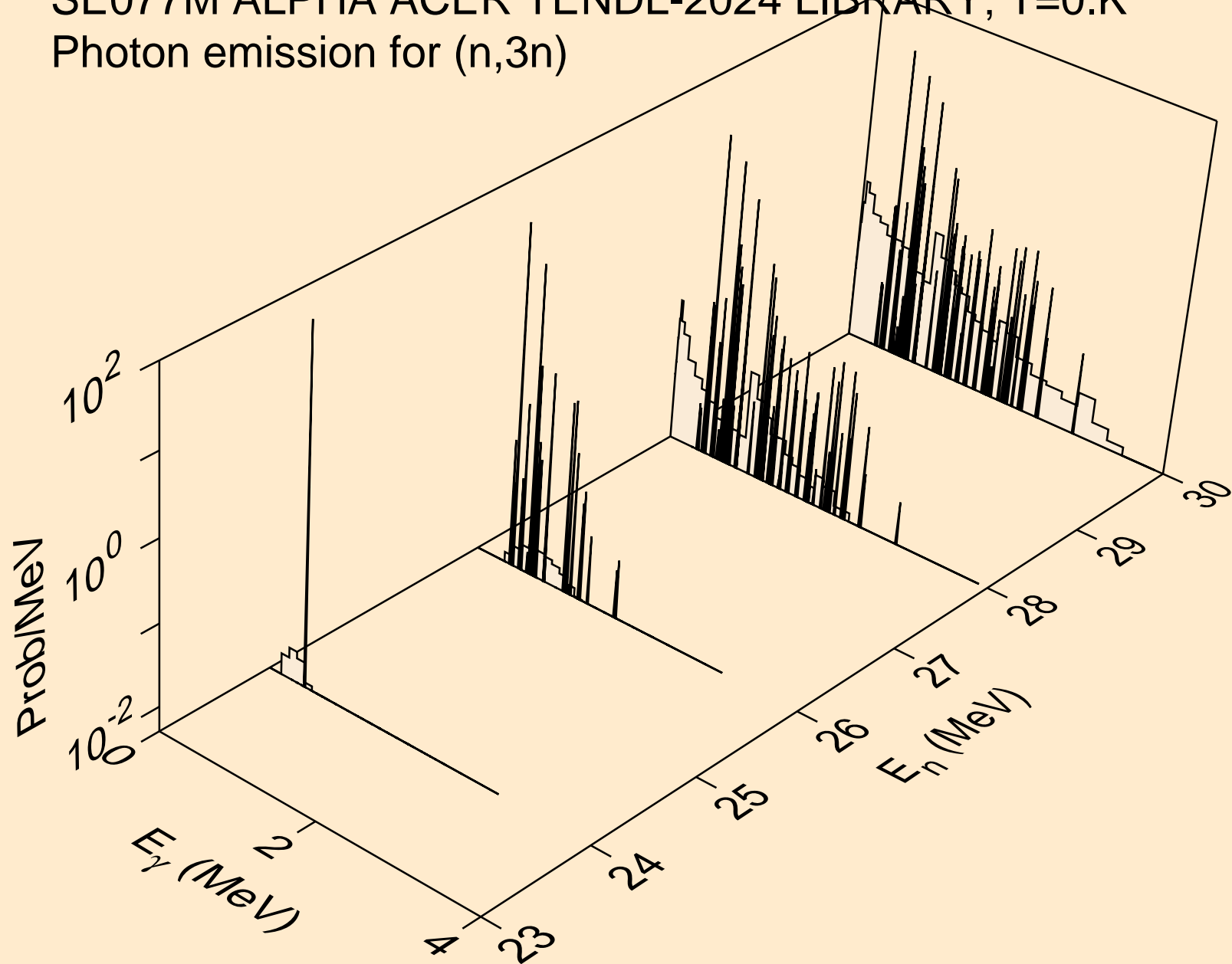
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



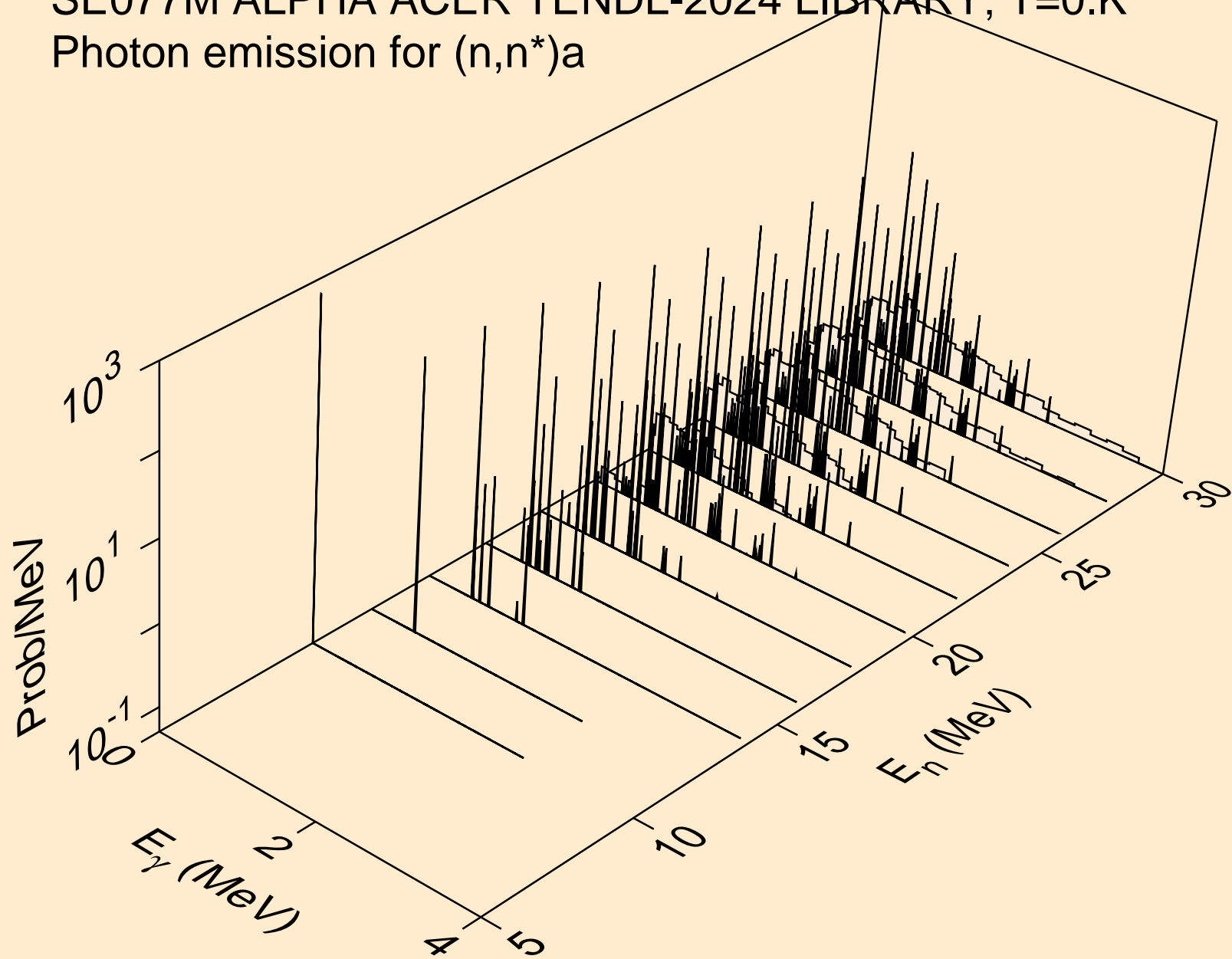
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



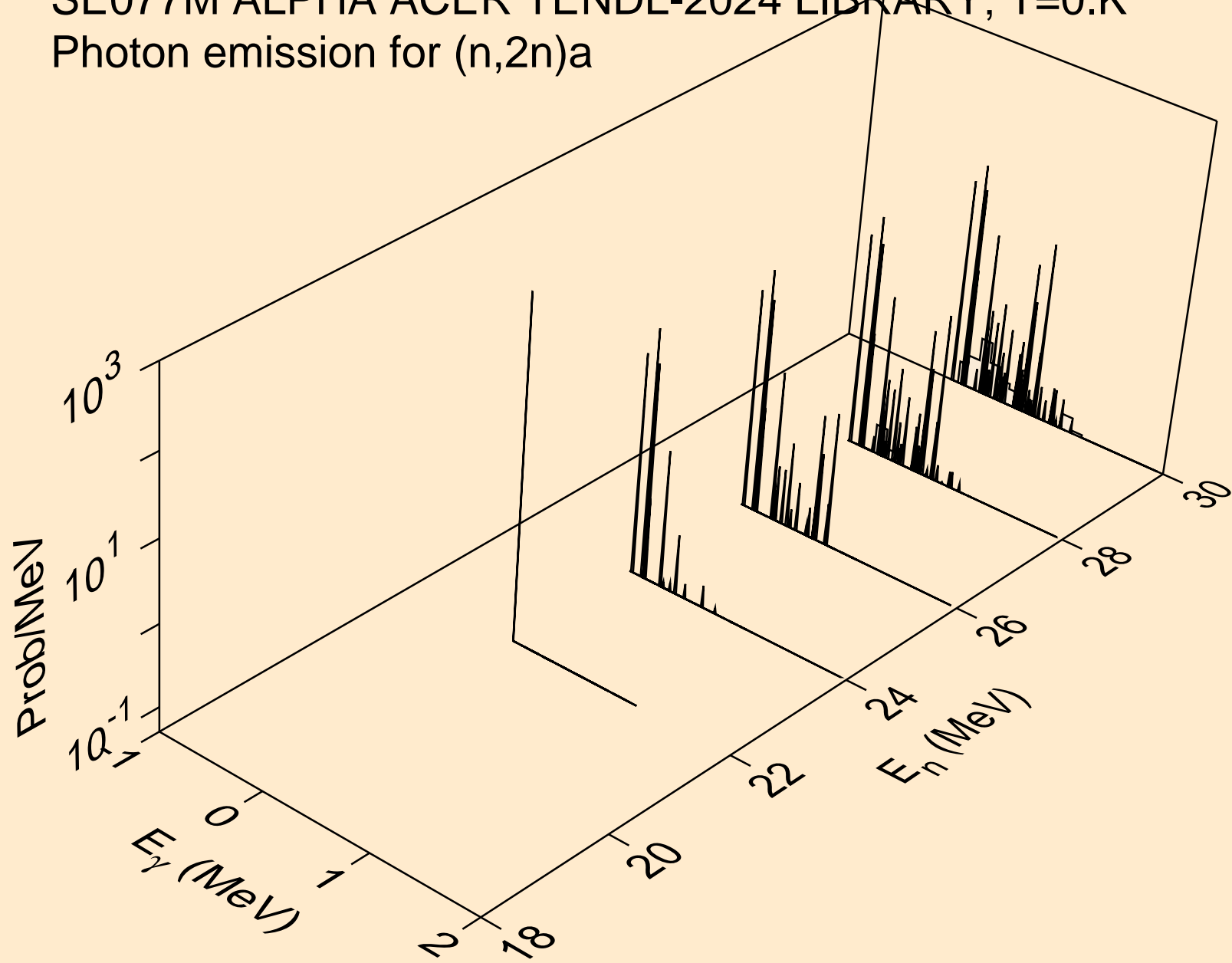
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



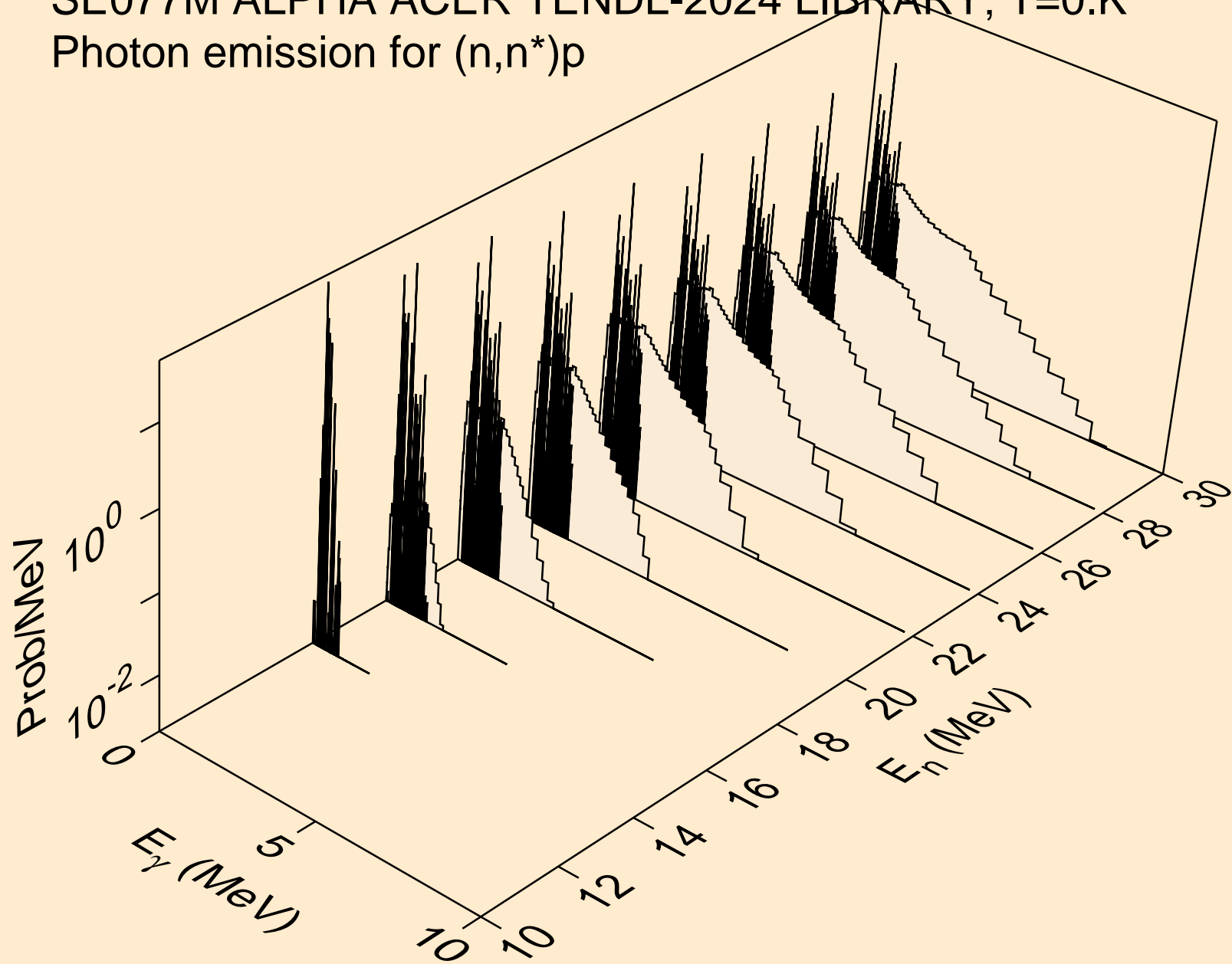
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



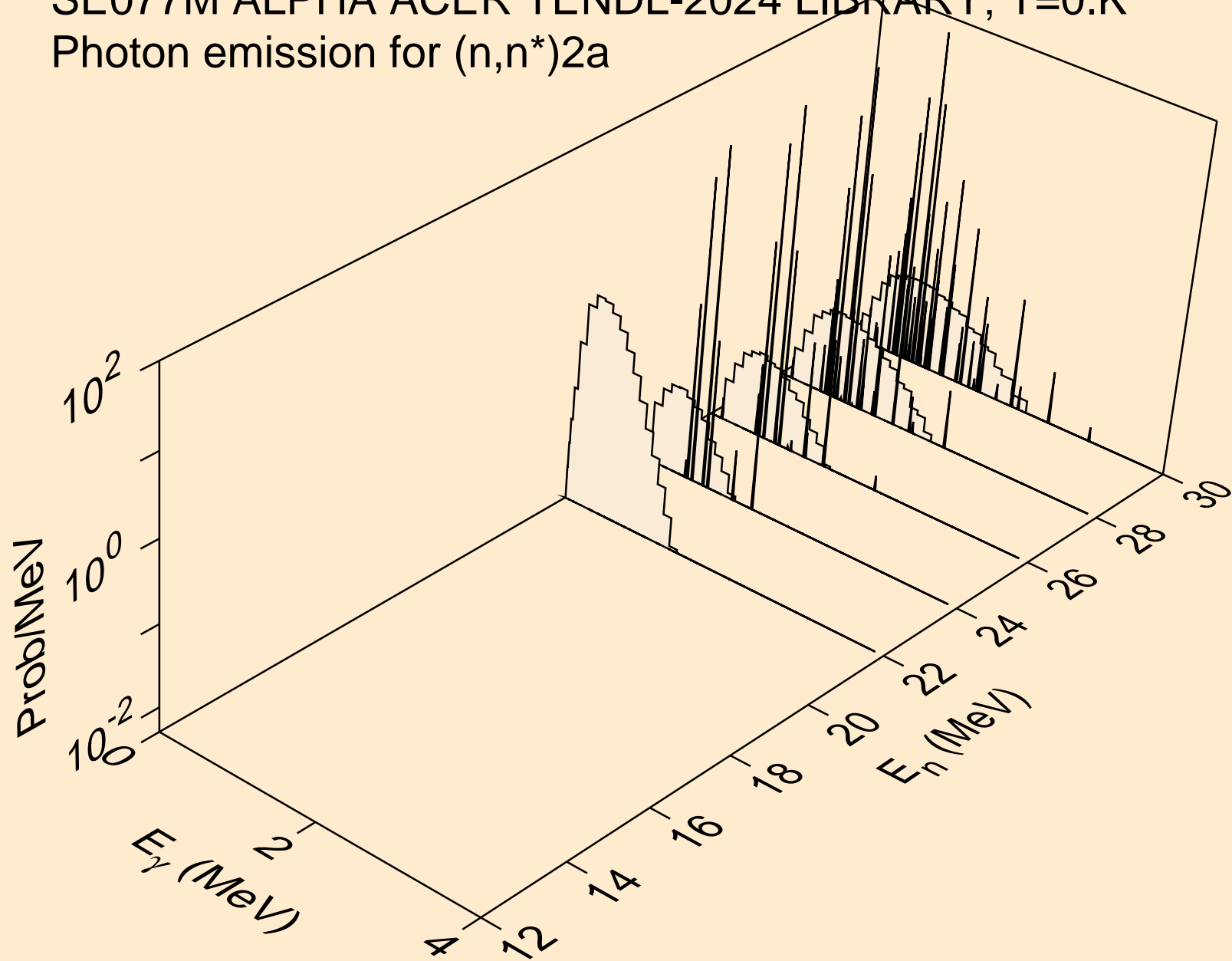
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



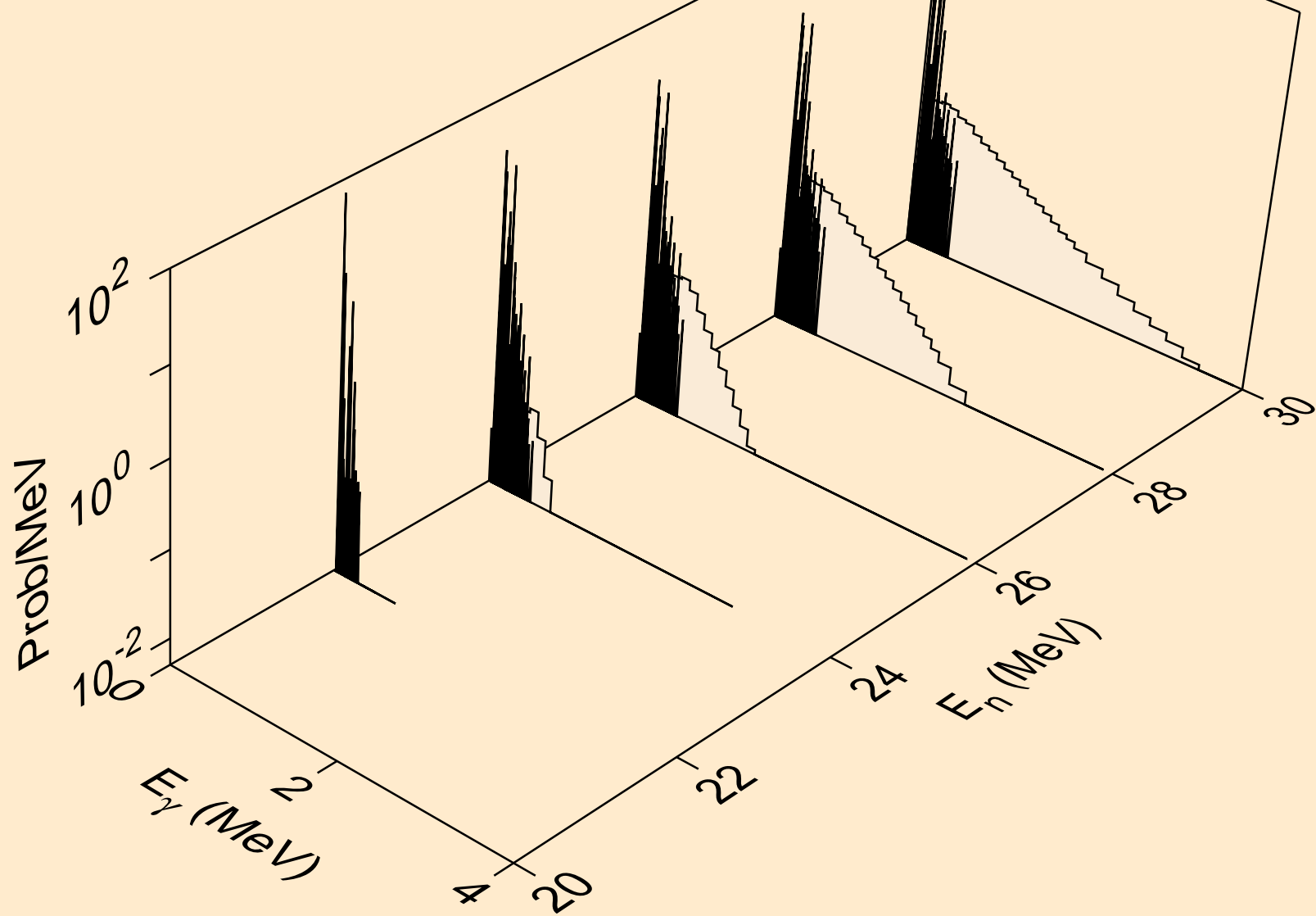
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



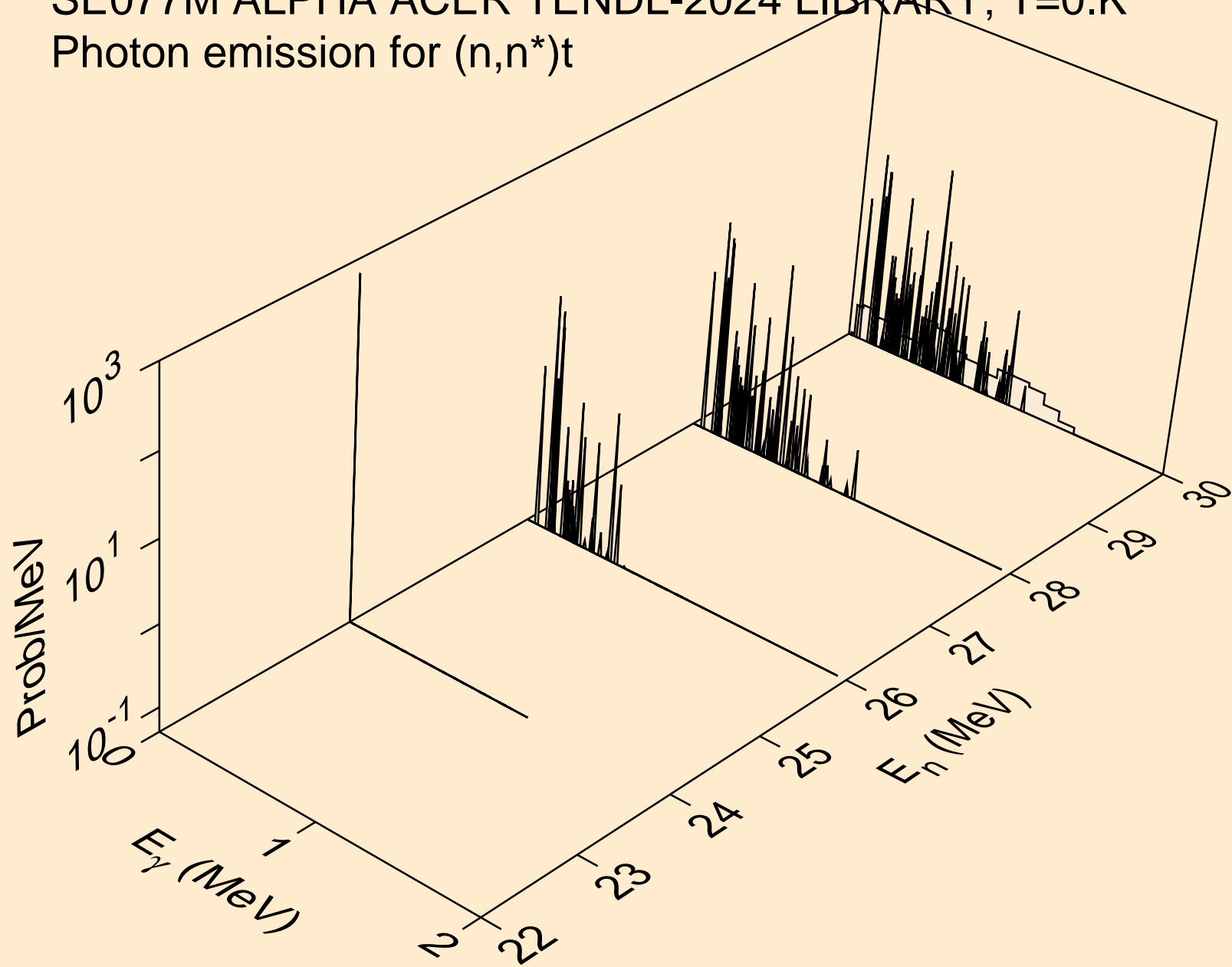
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



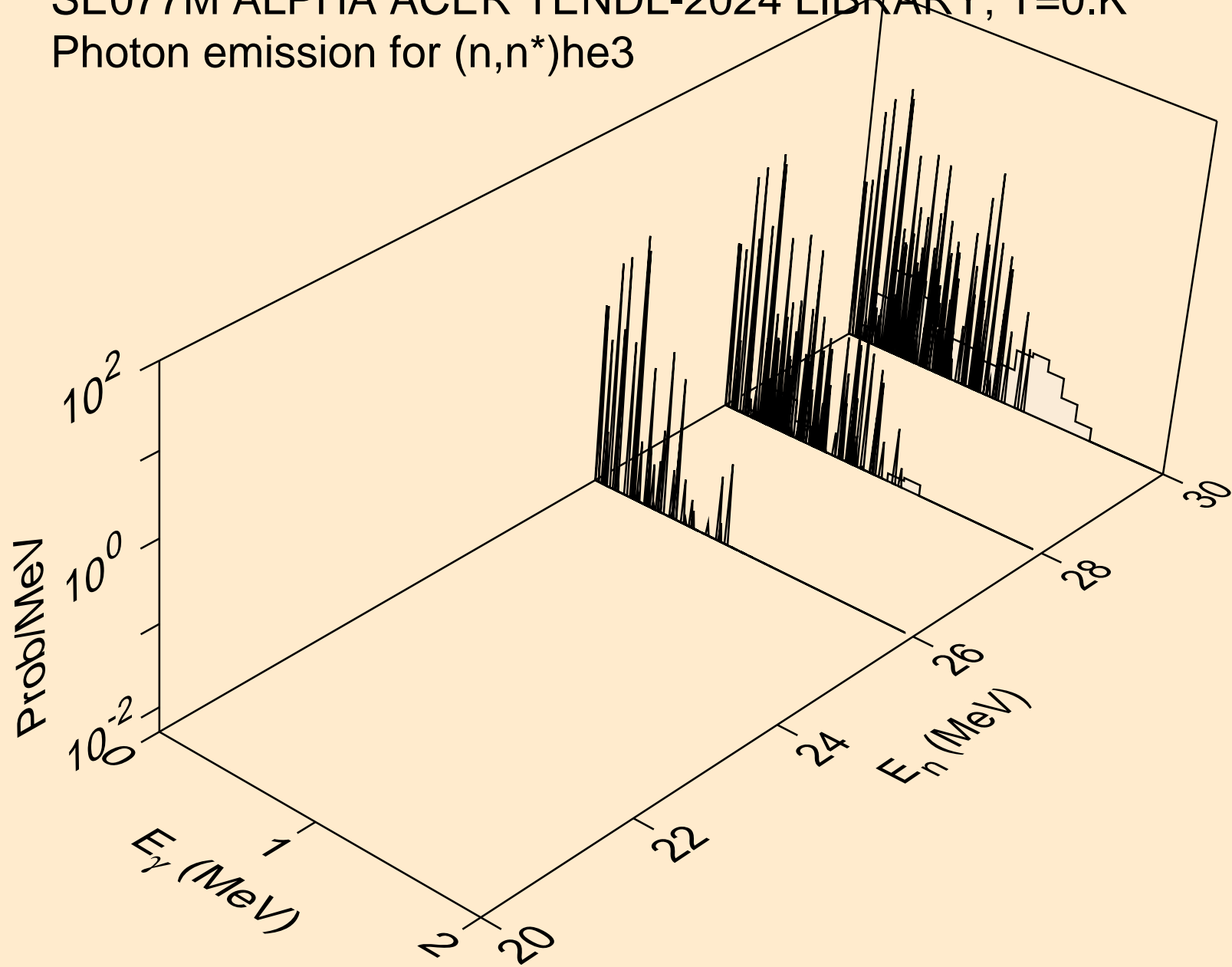
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



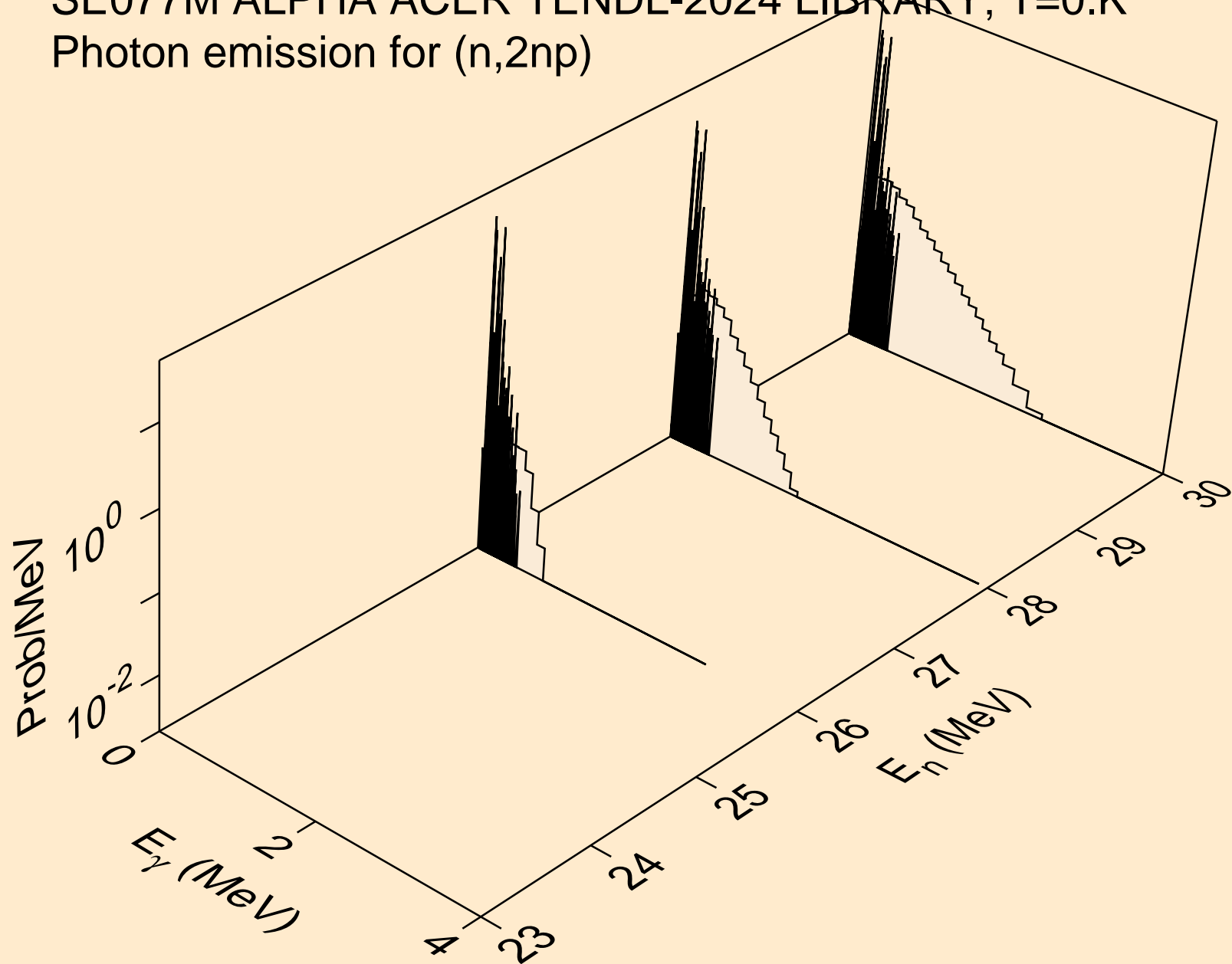
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



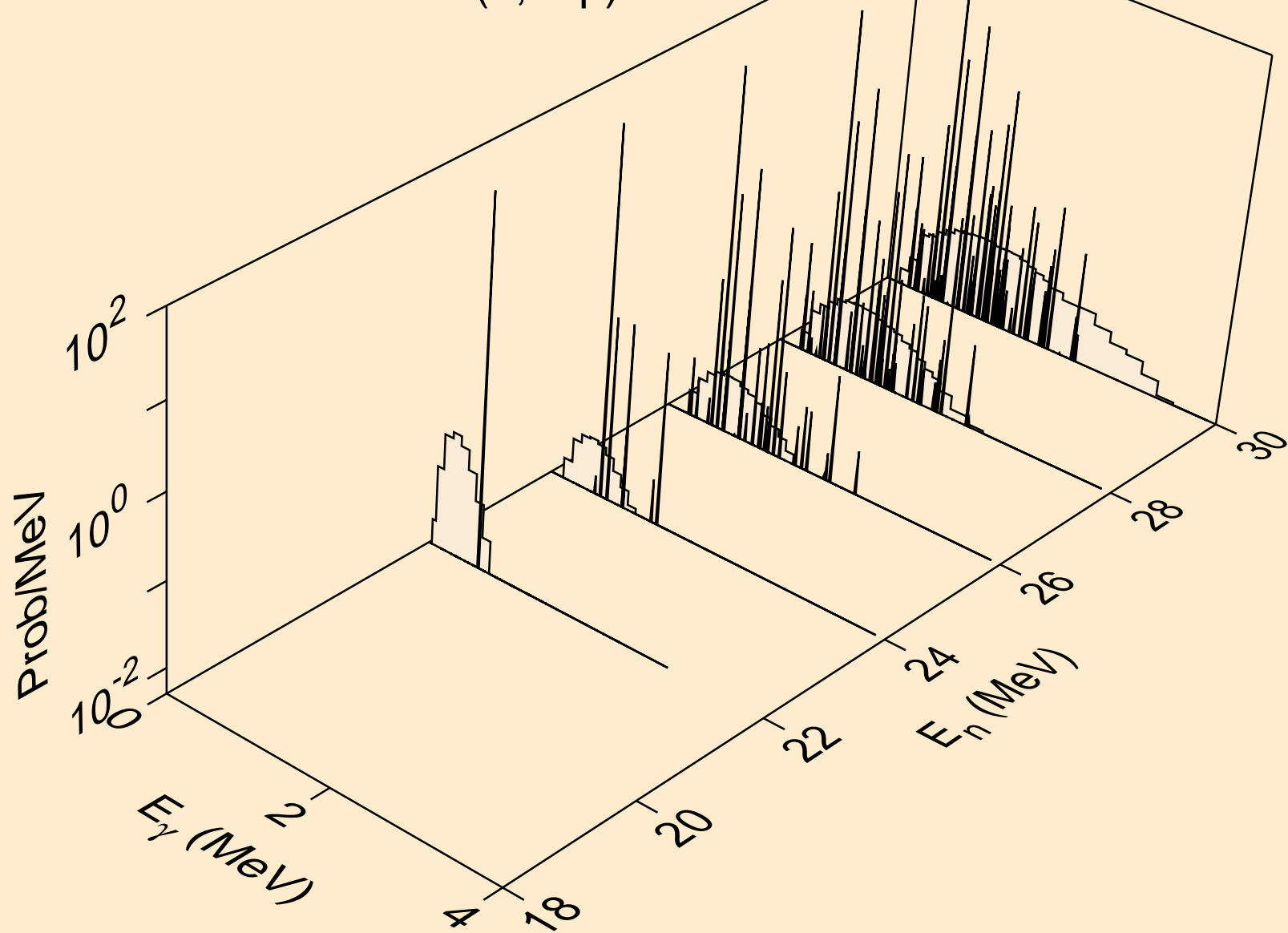
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



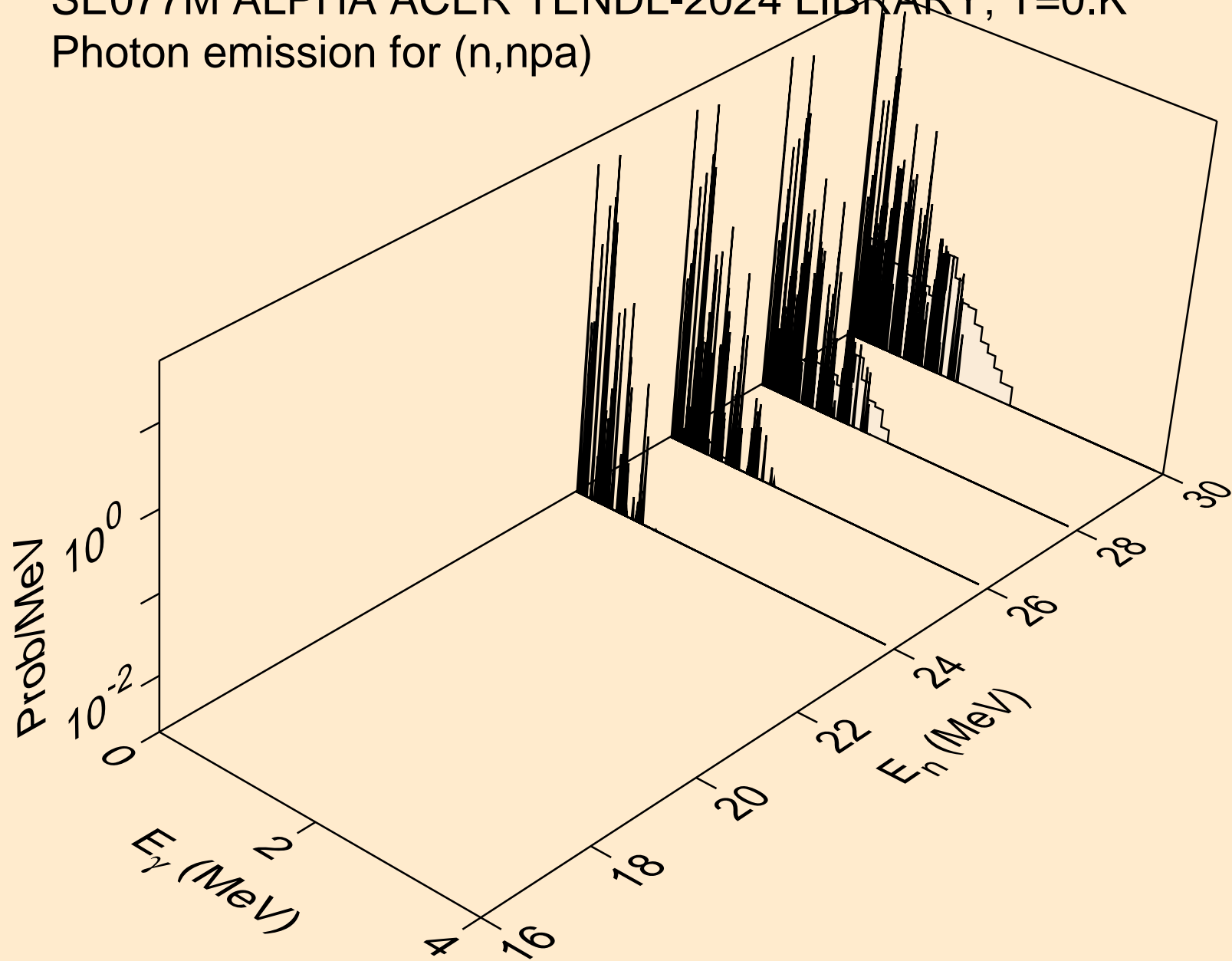
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



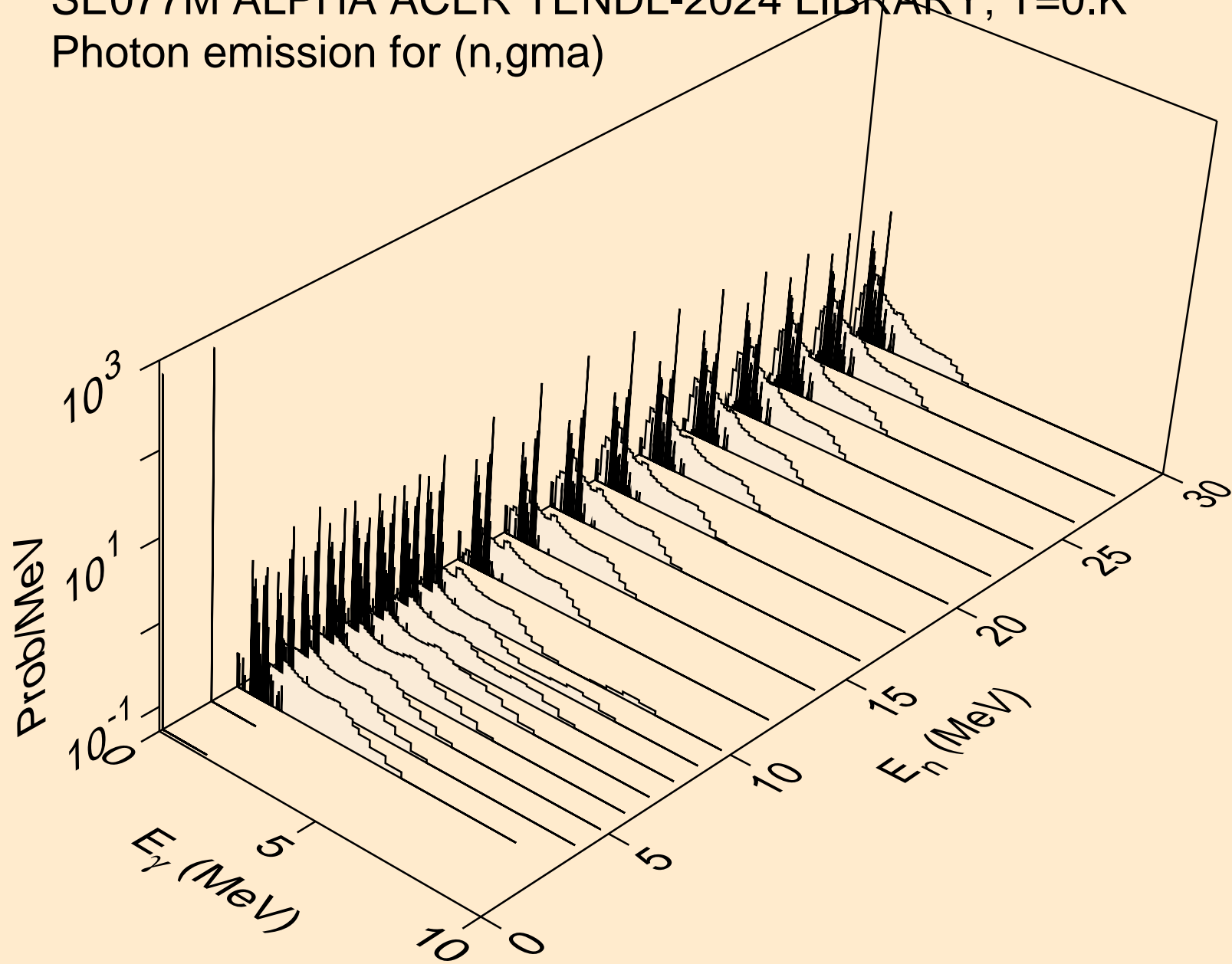
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



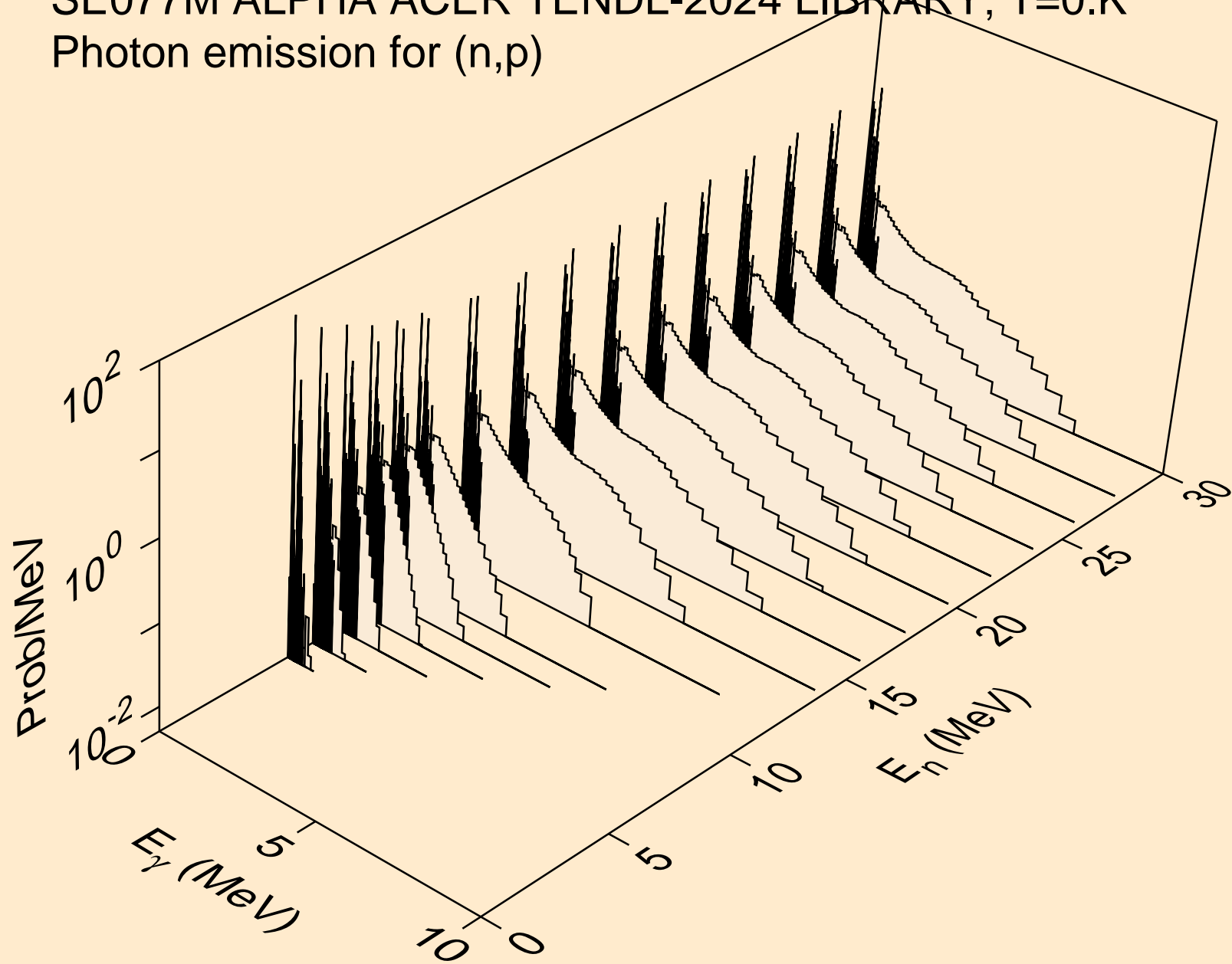
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



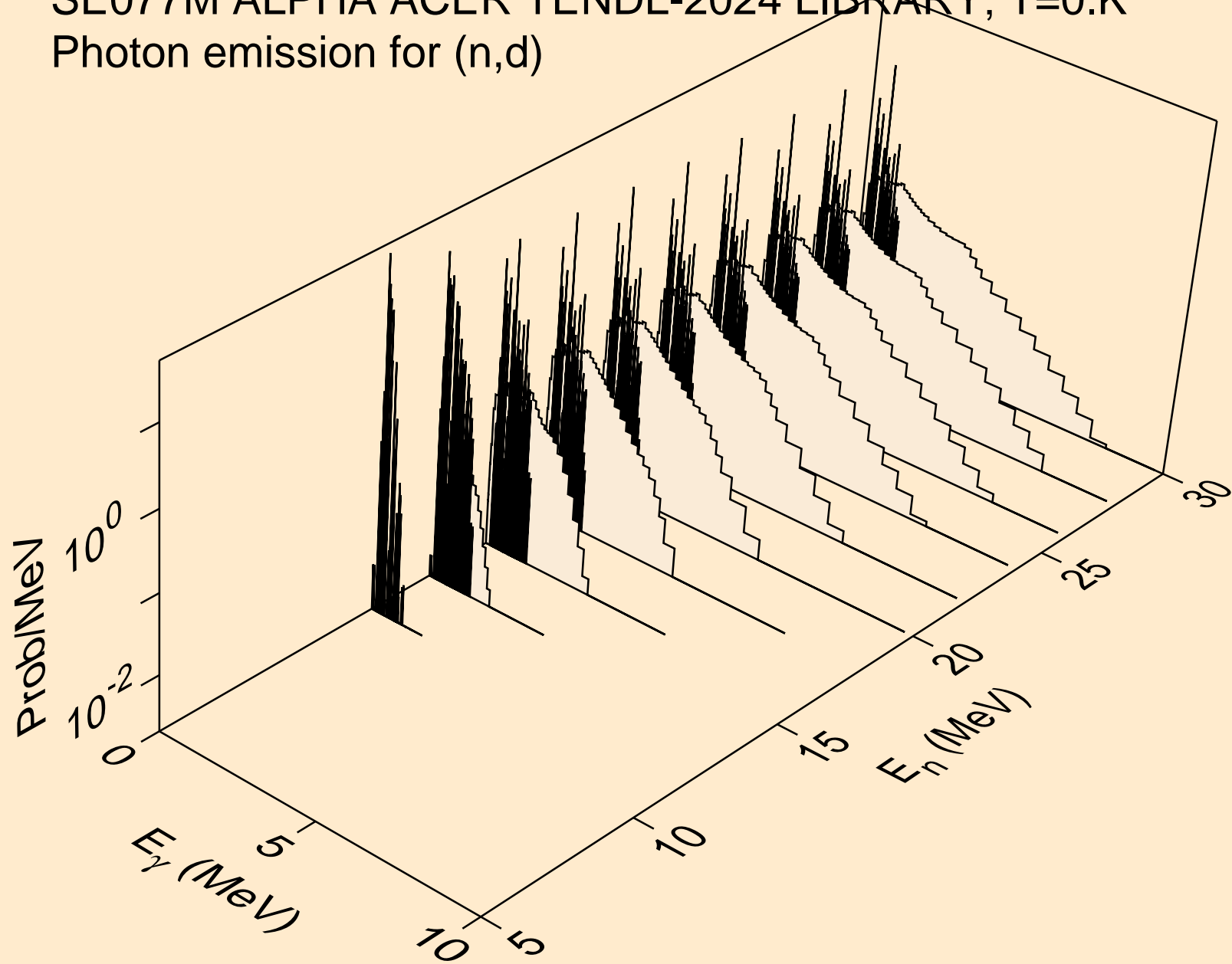
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



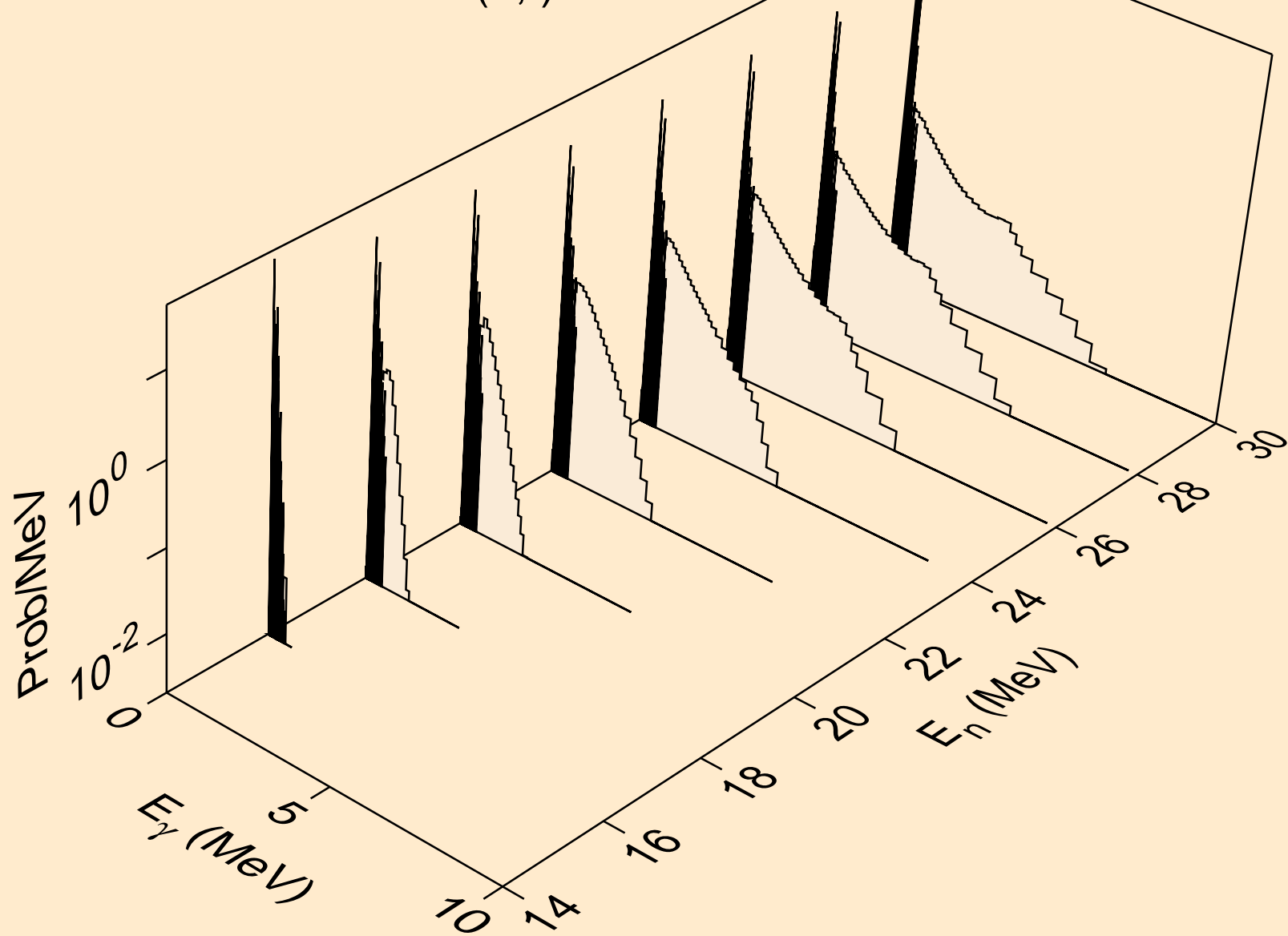
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



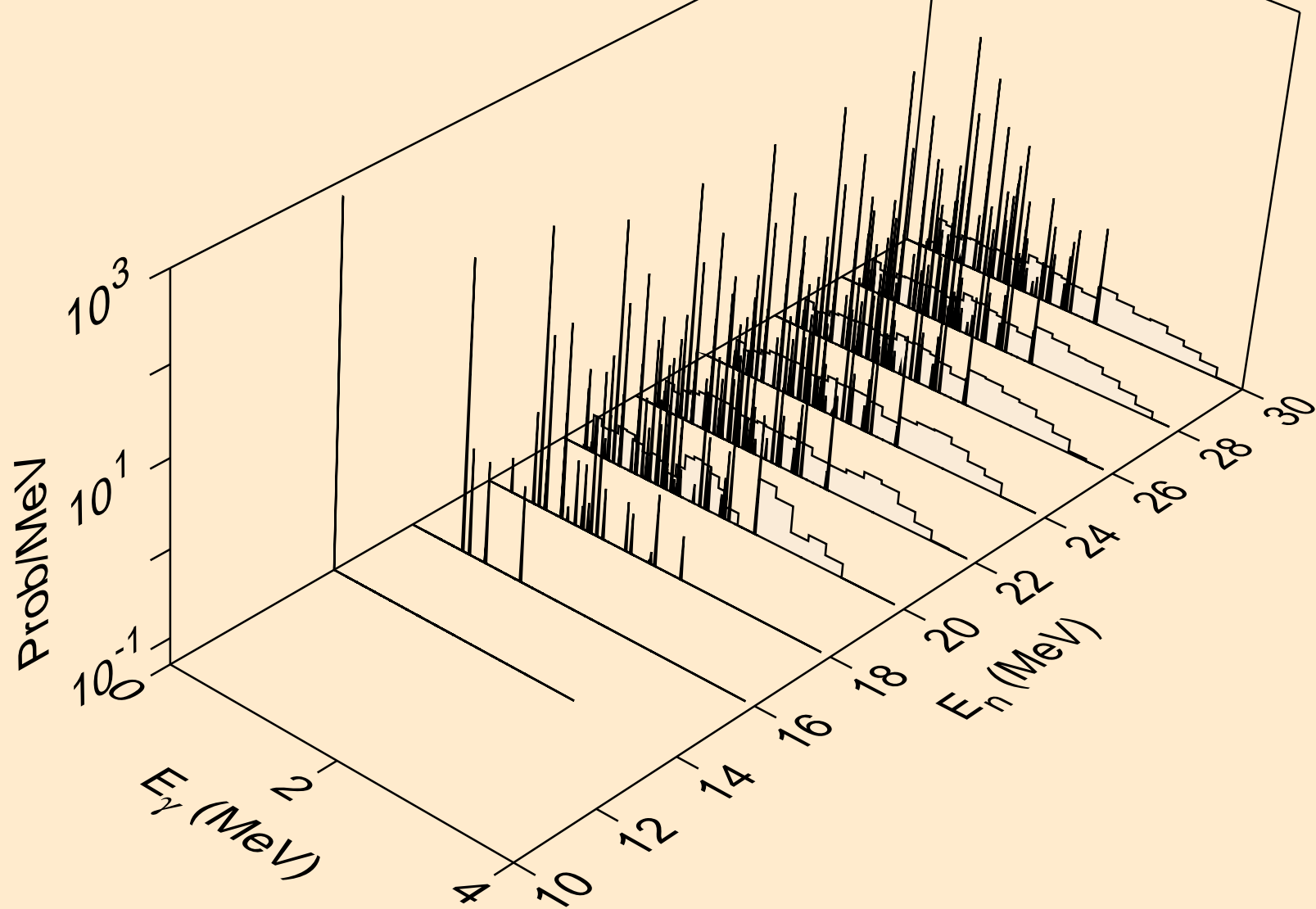
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



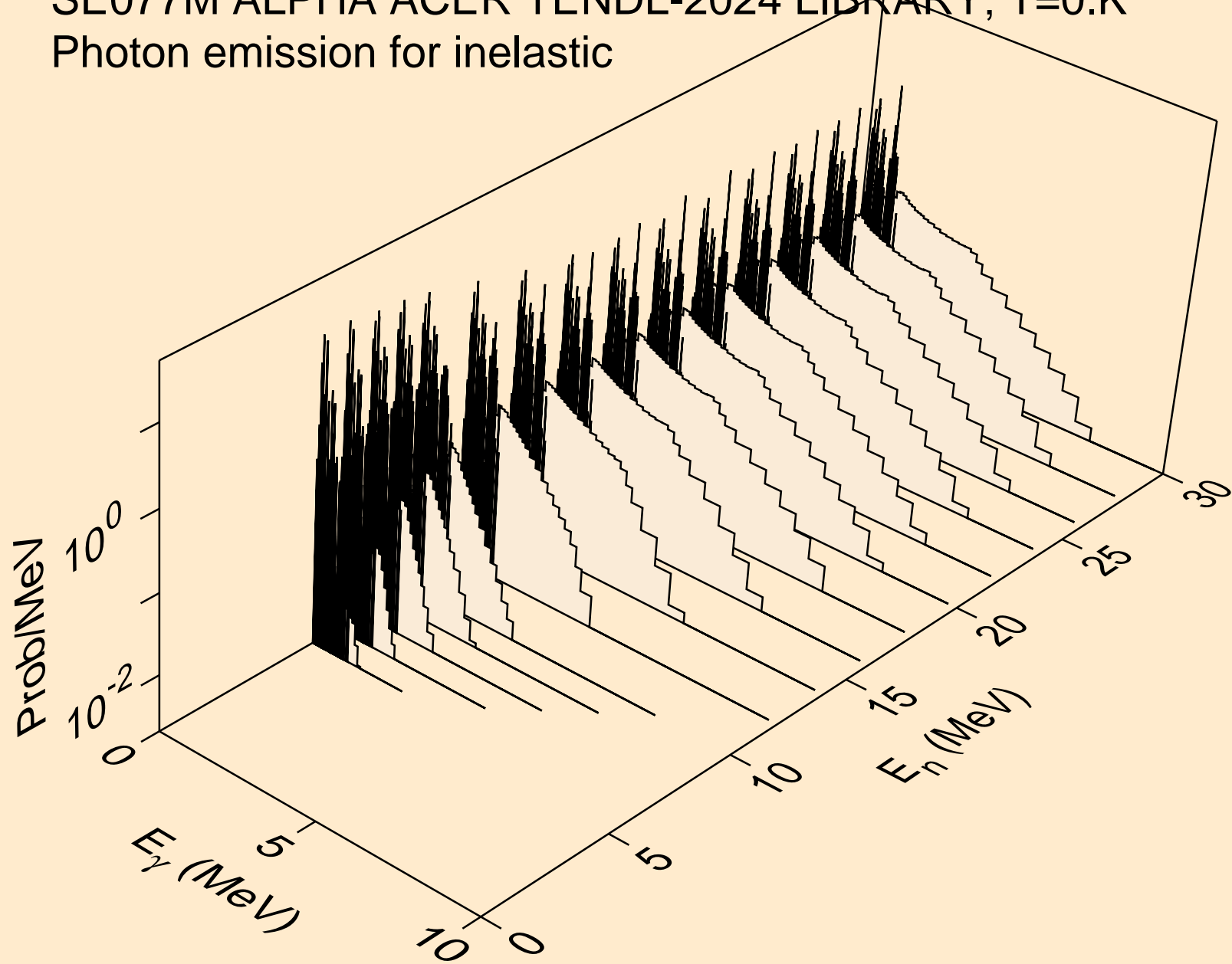
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



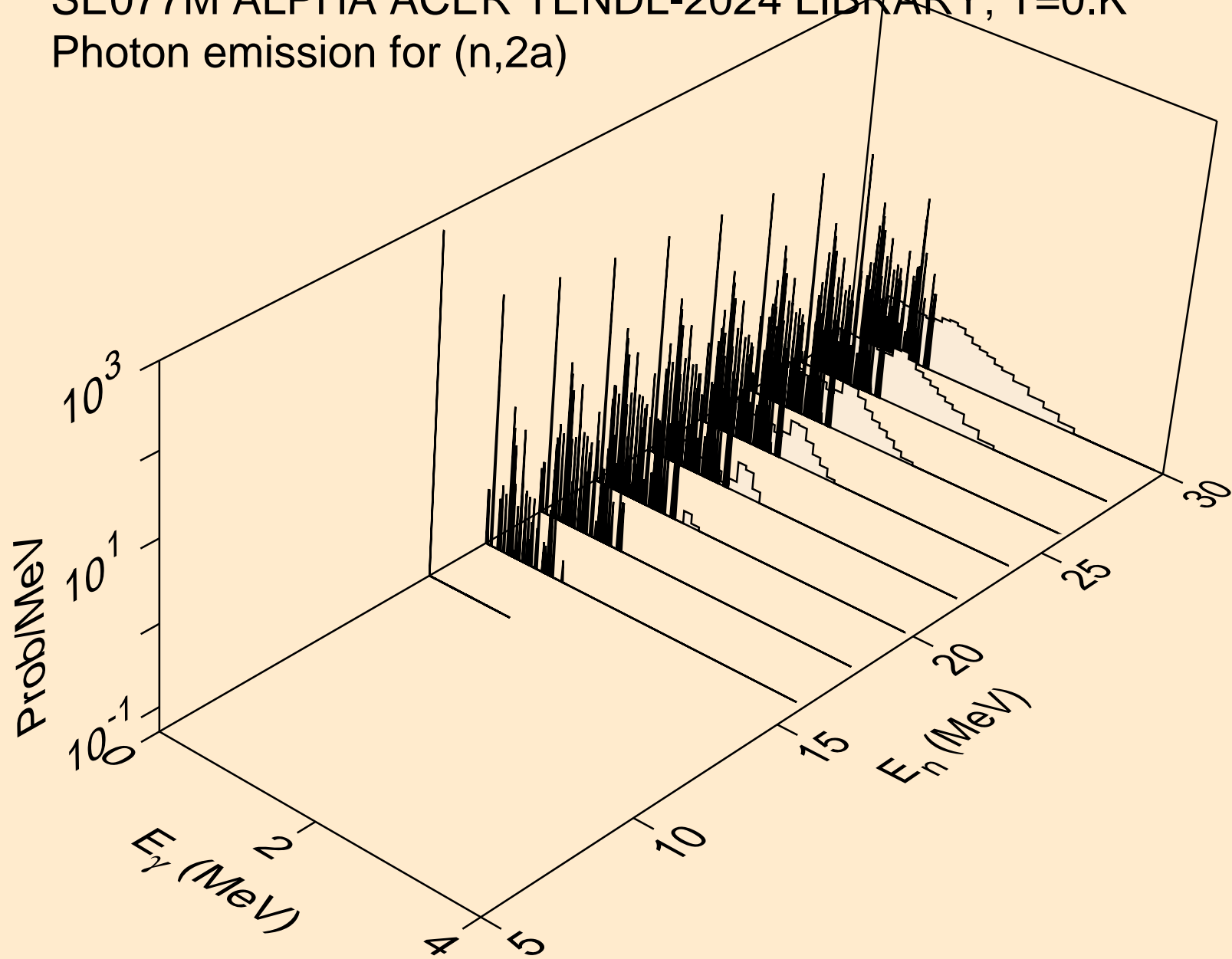
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



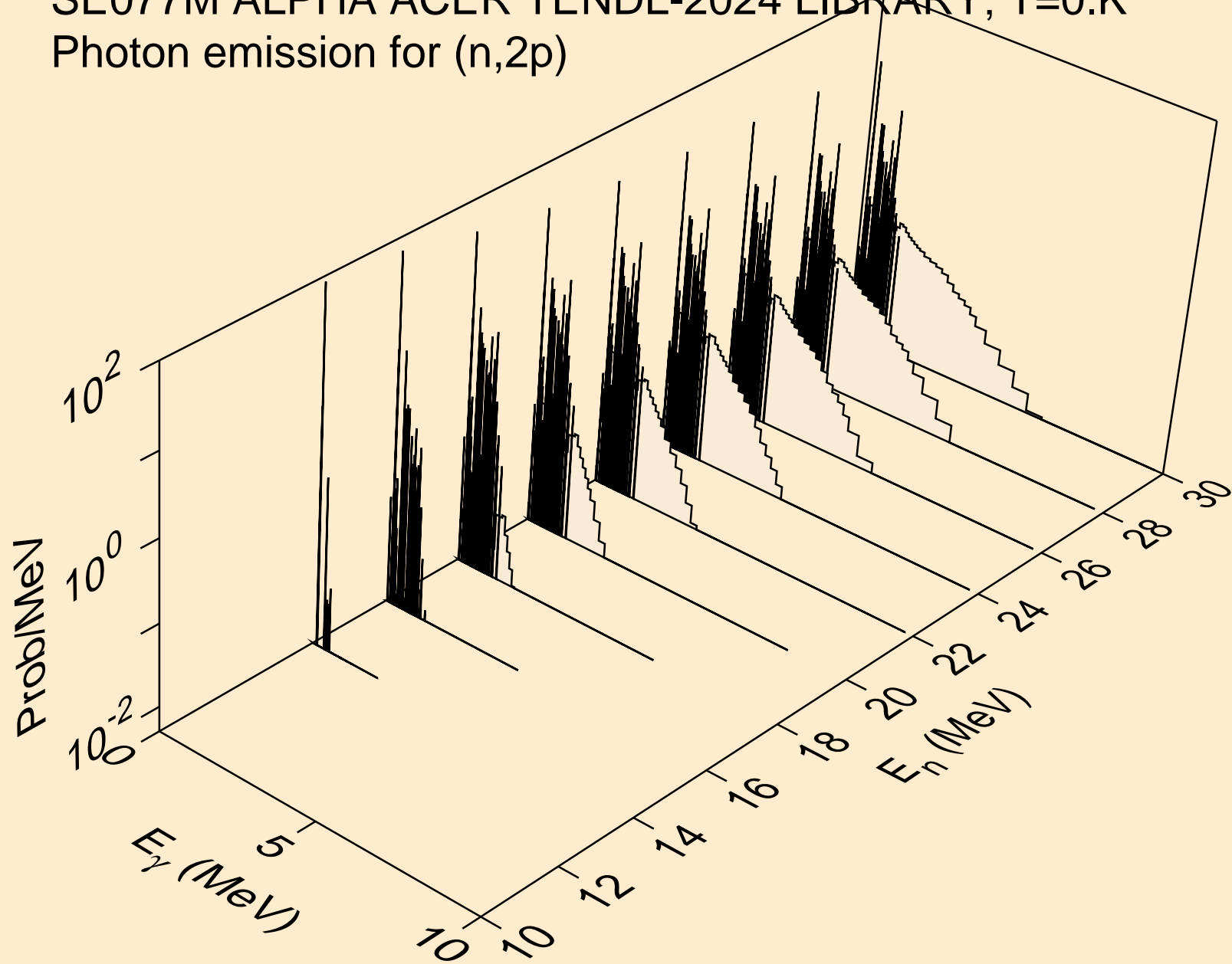
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



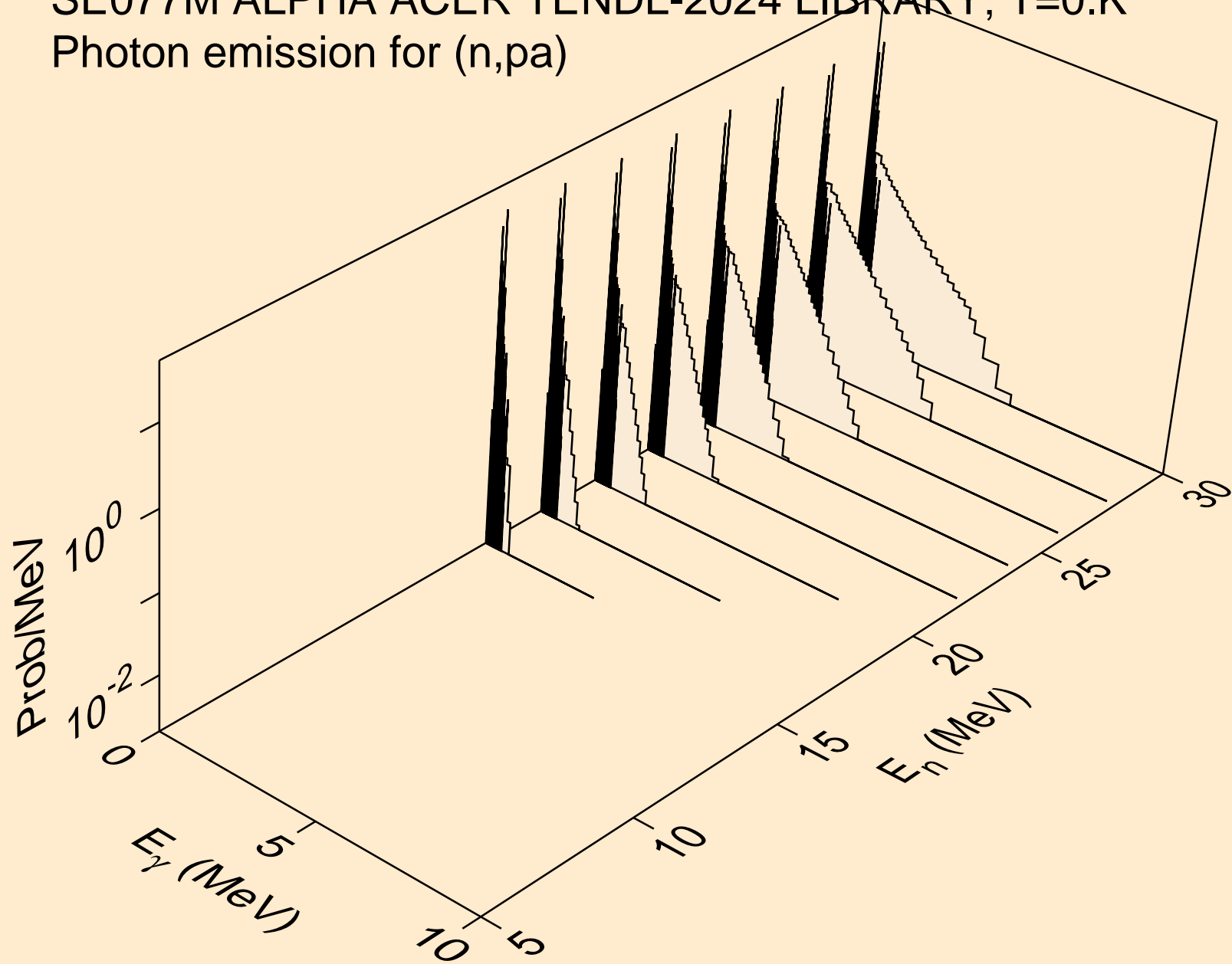
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



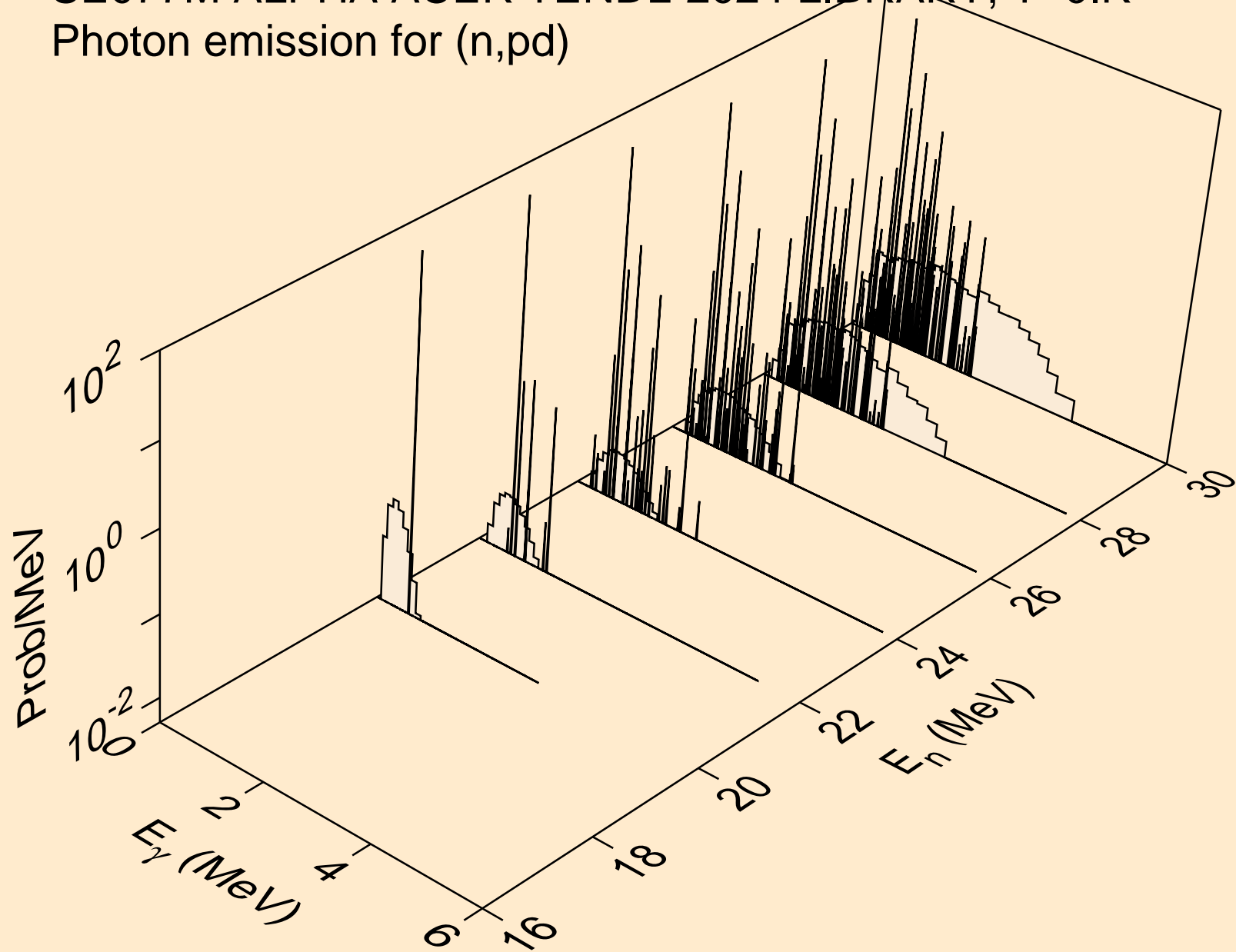
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



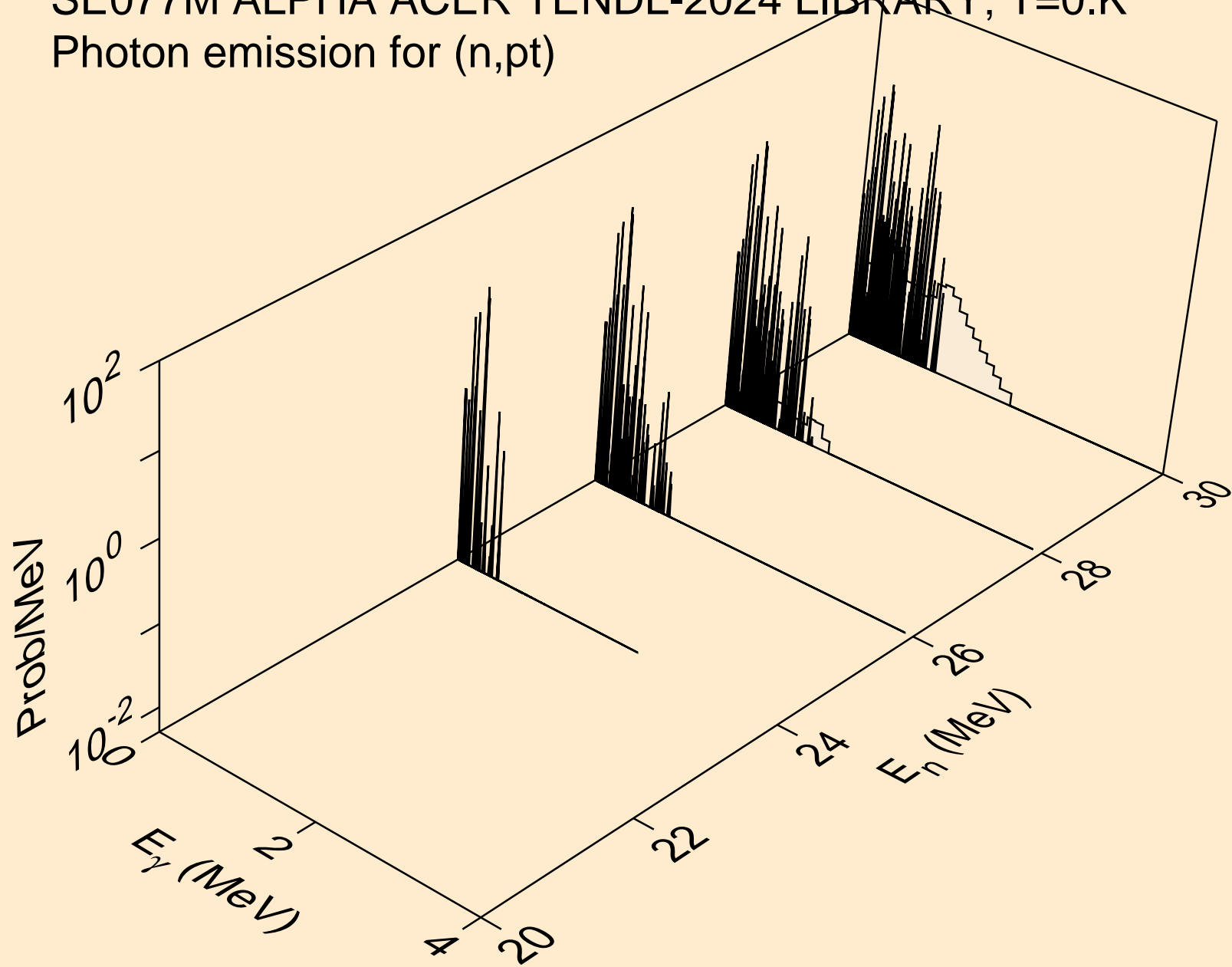
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



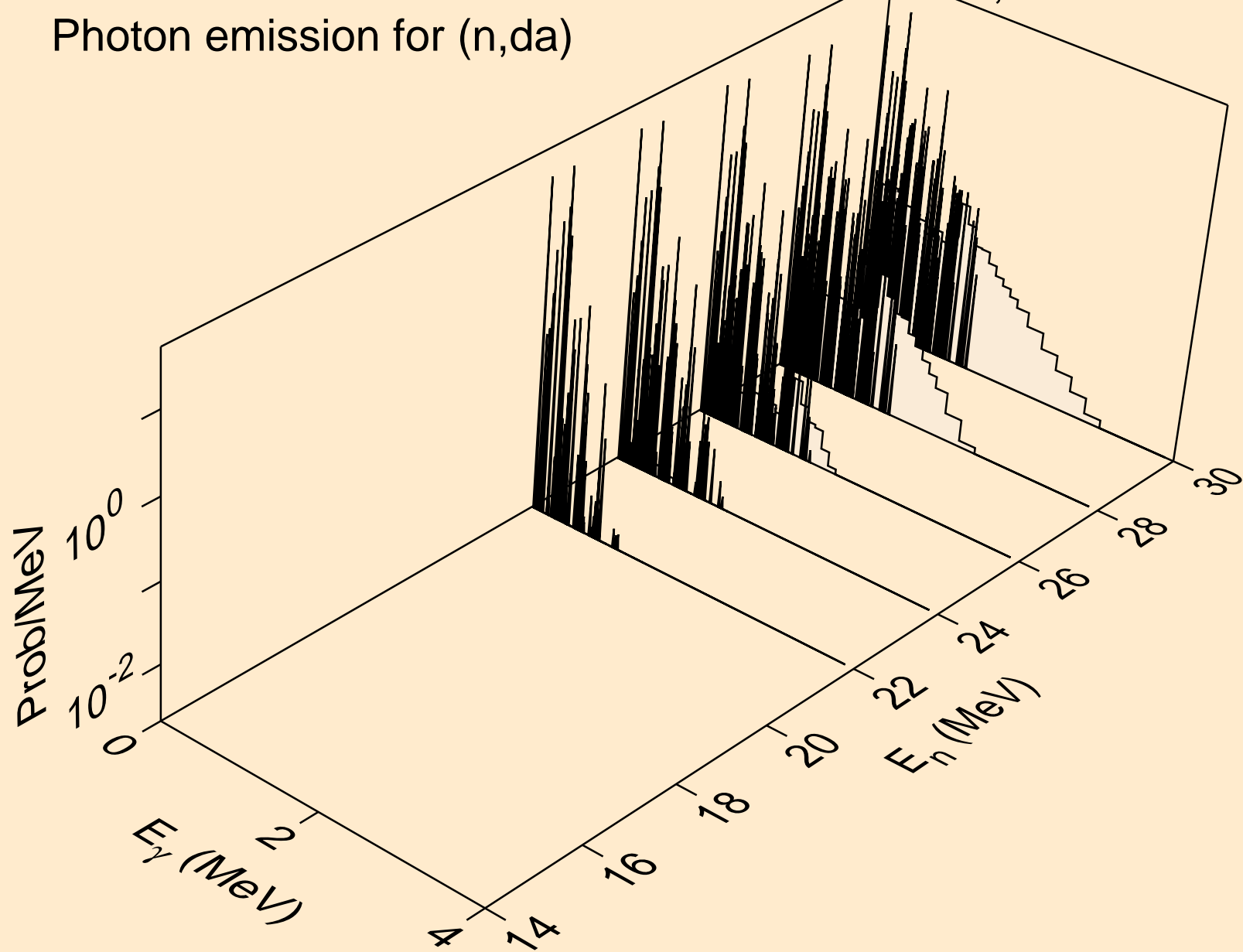
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

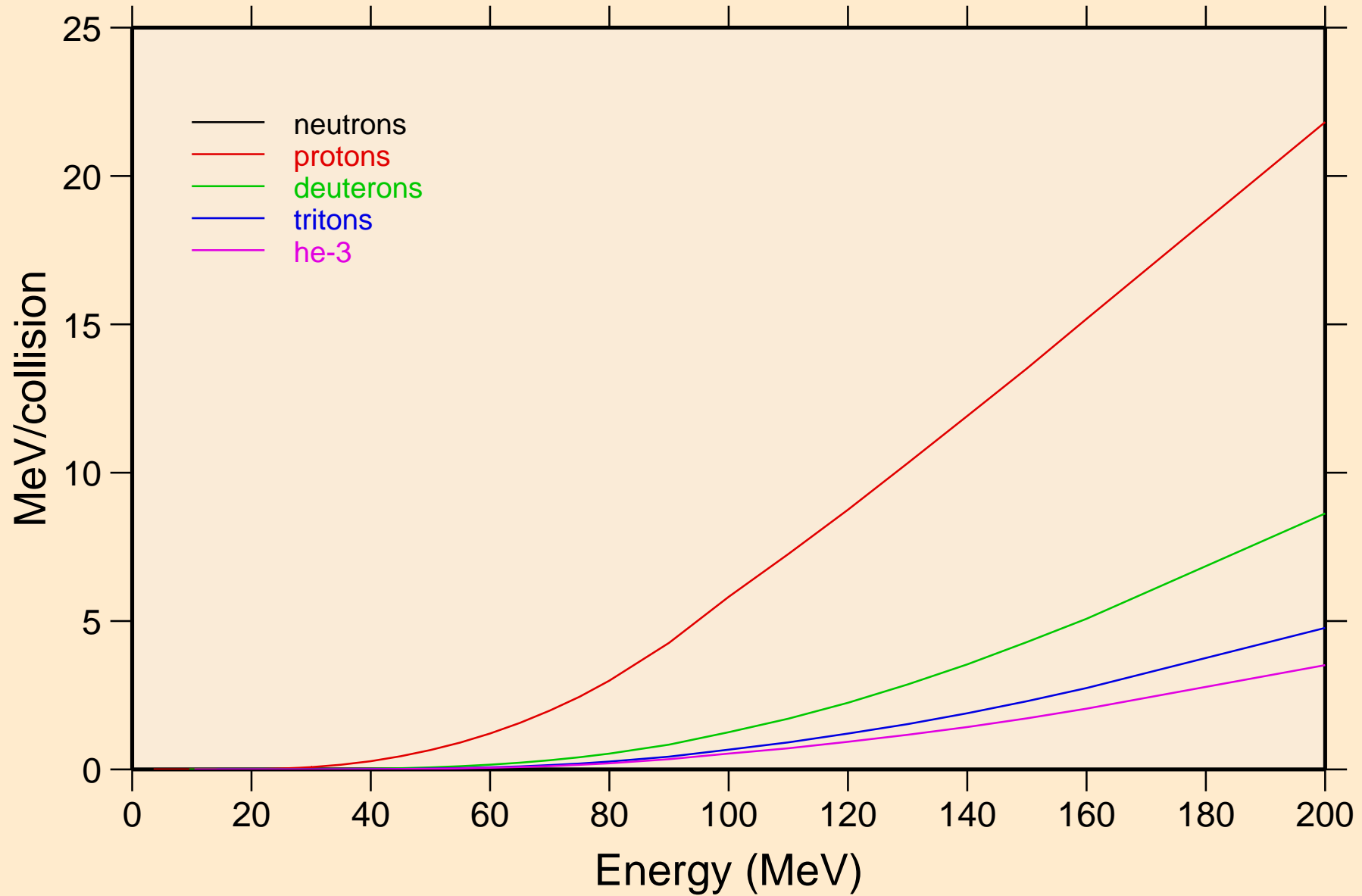


SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

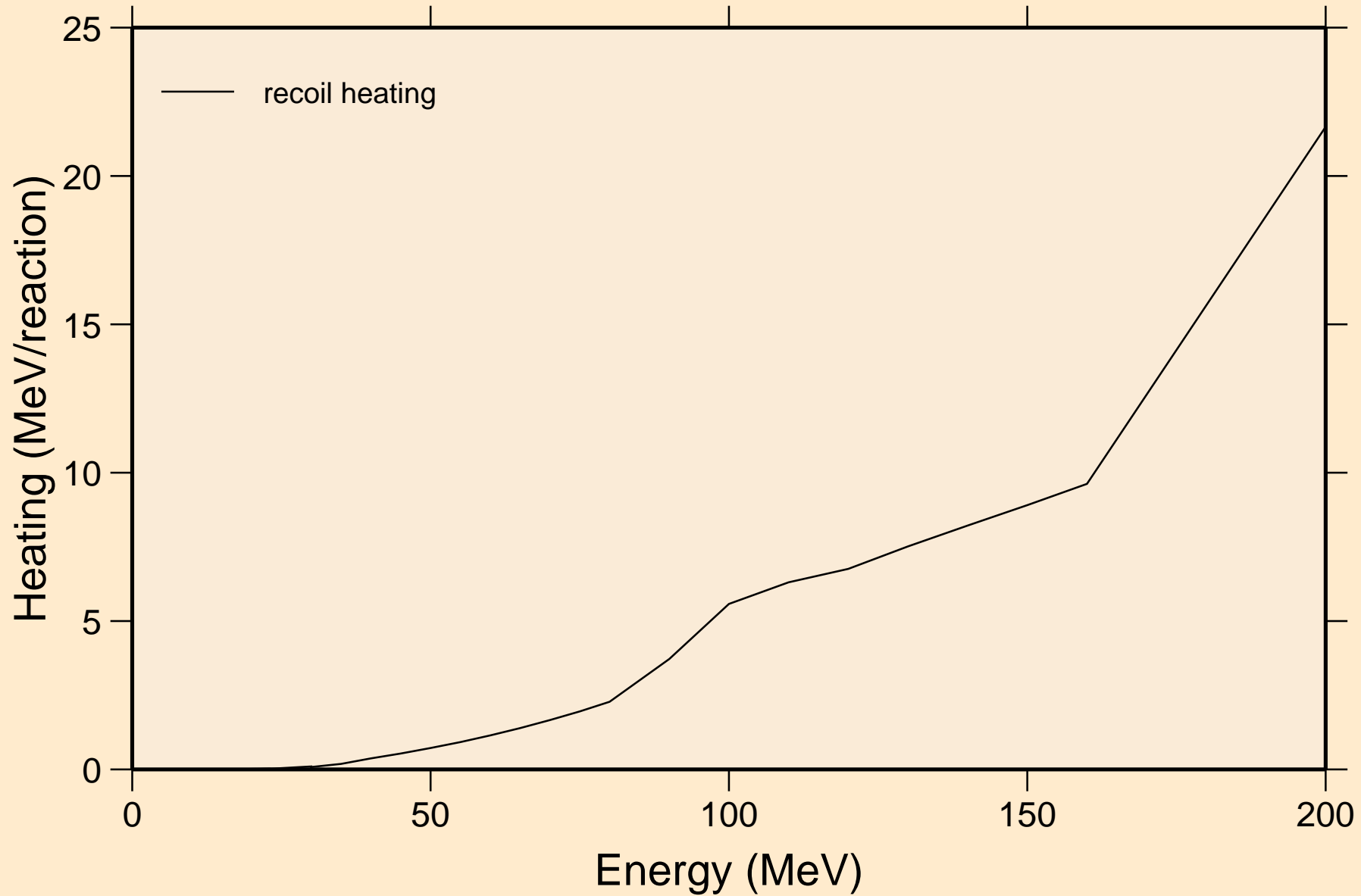


# SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

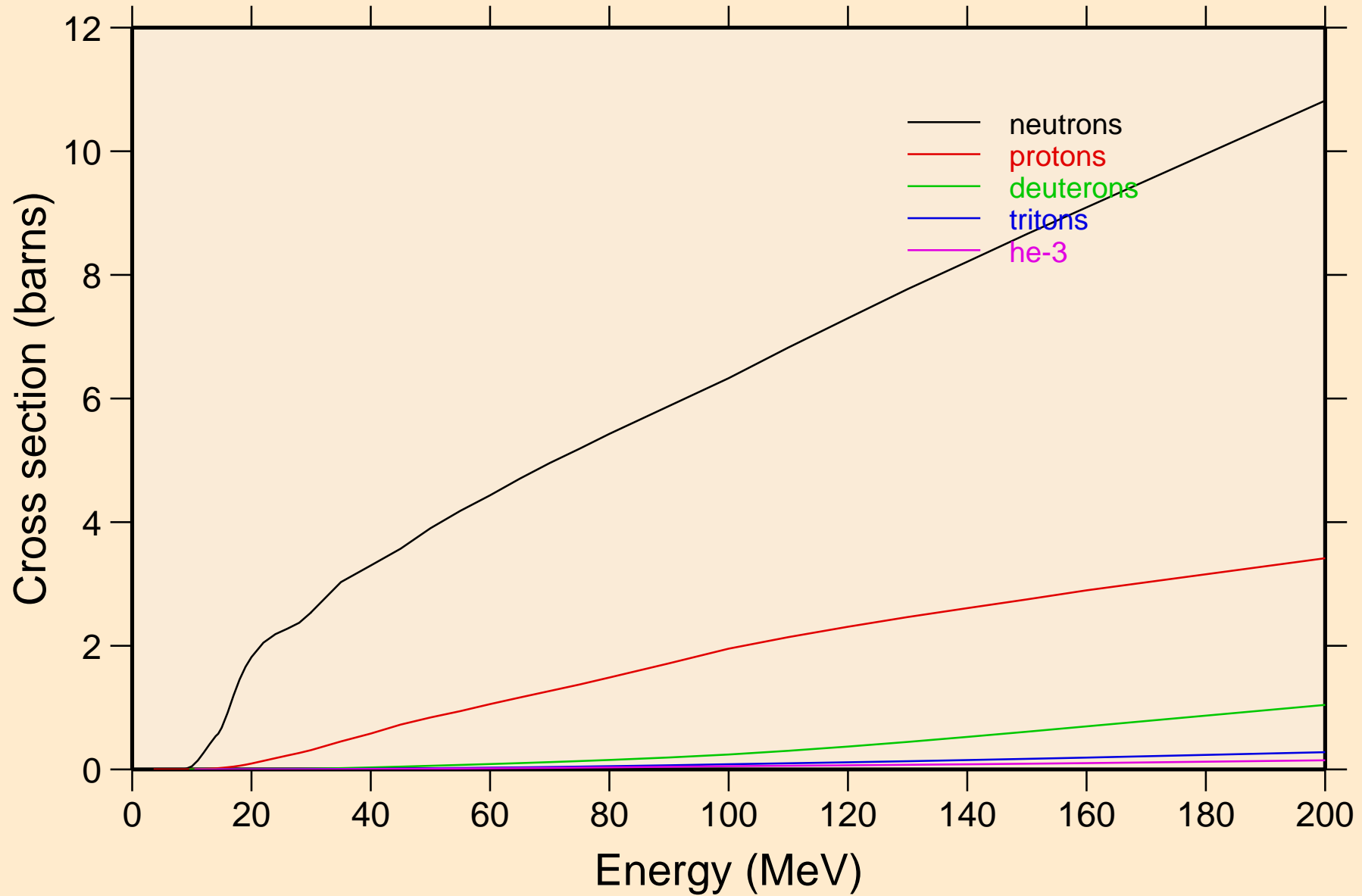
## Particle heating contributions



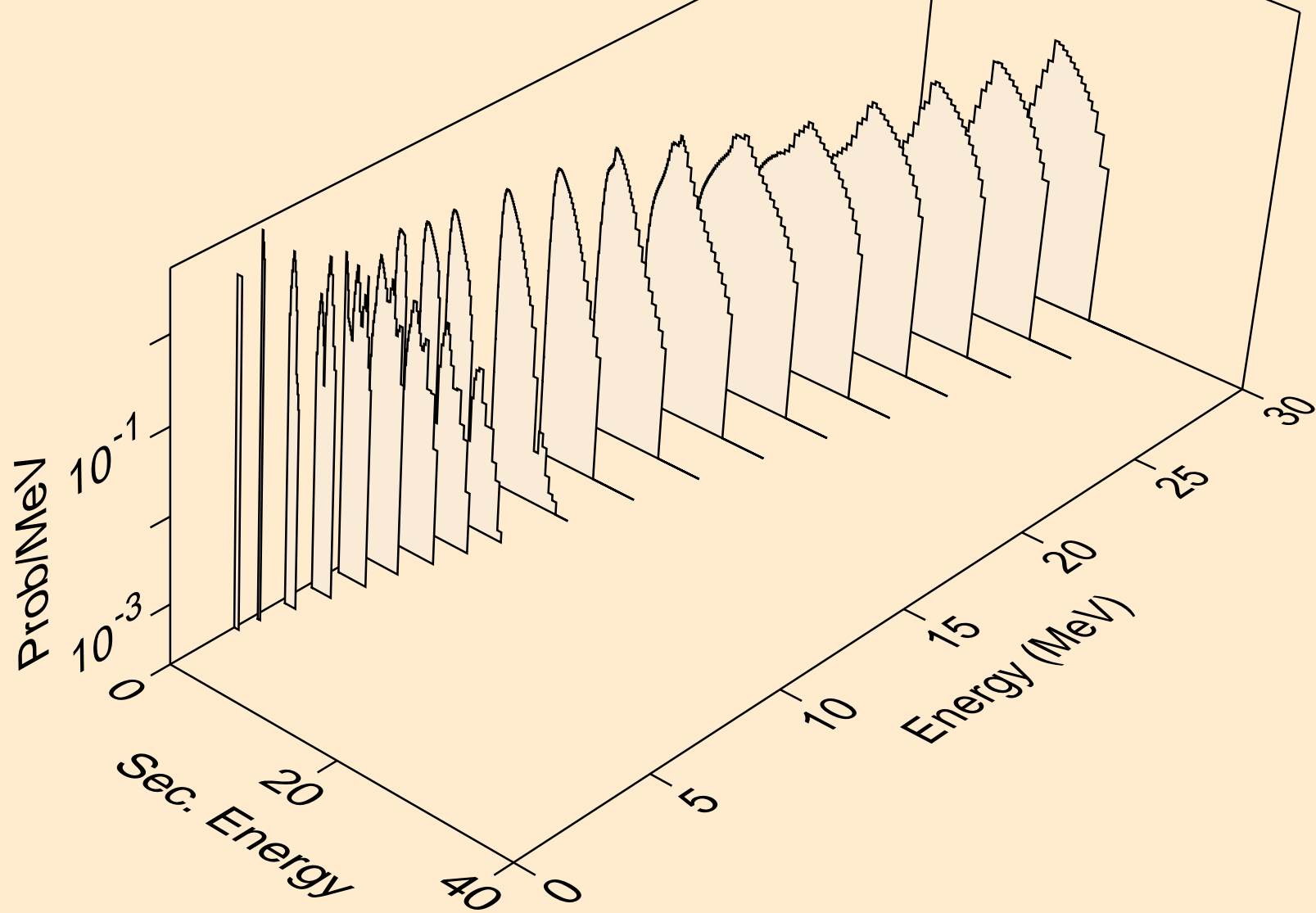
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



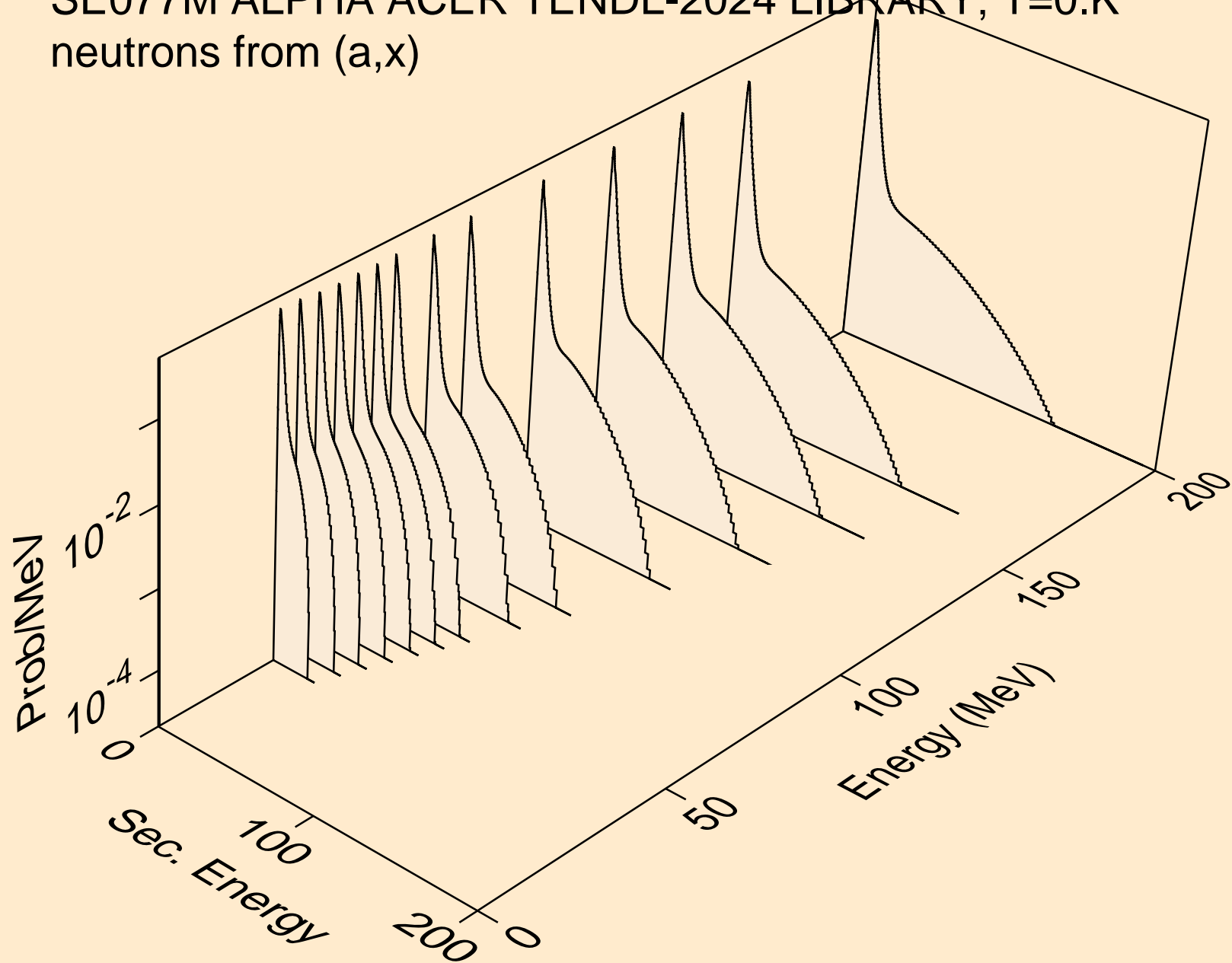
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



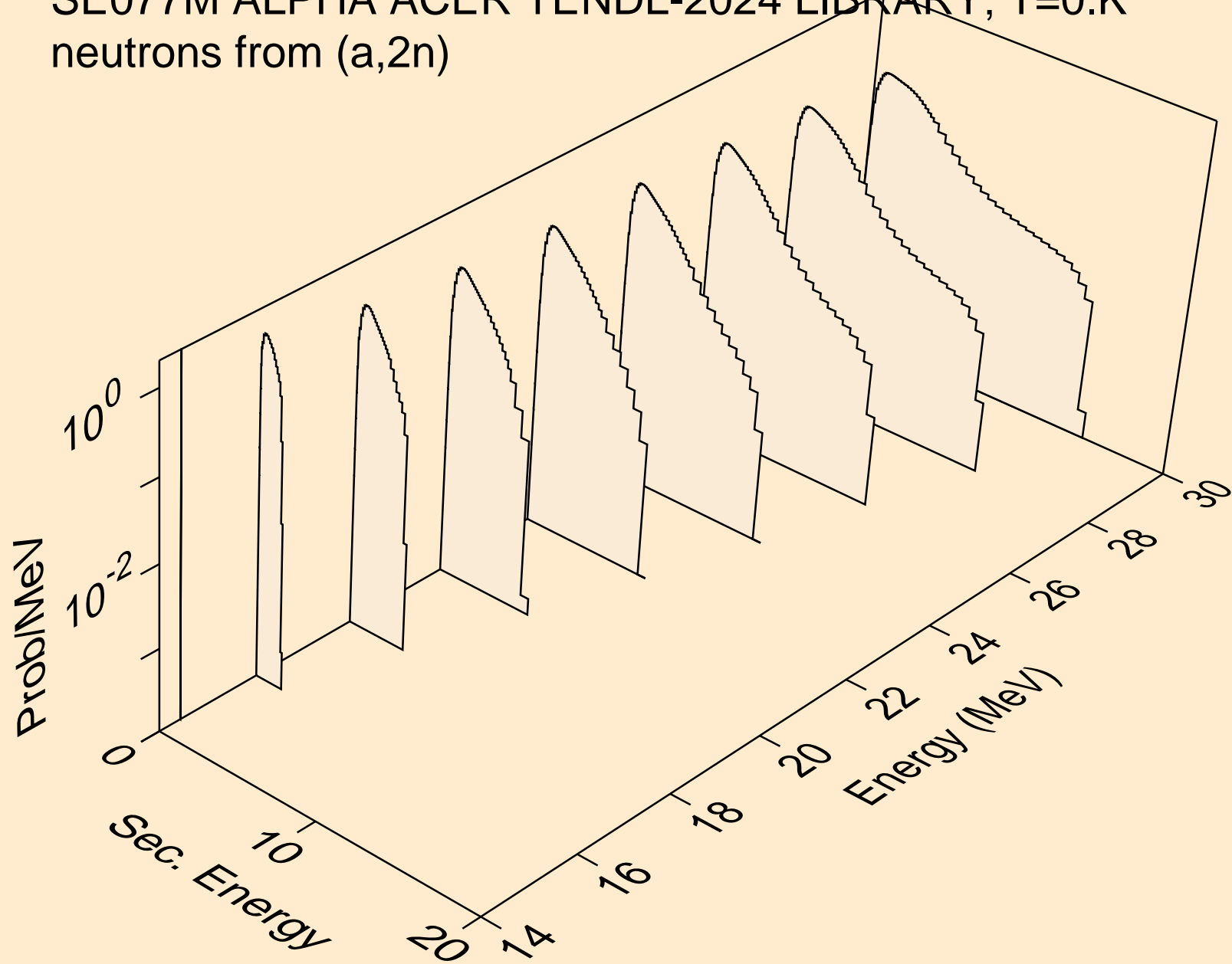
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



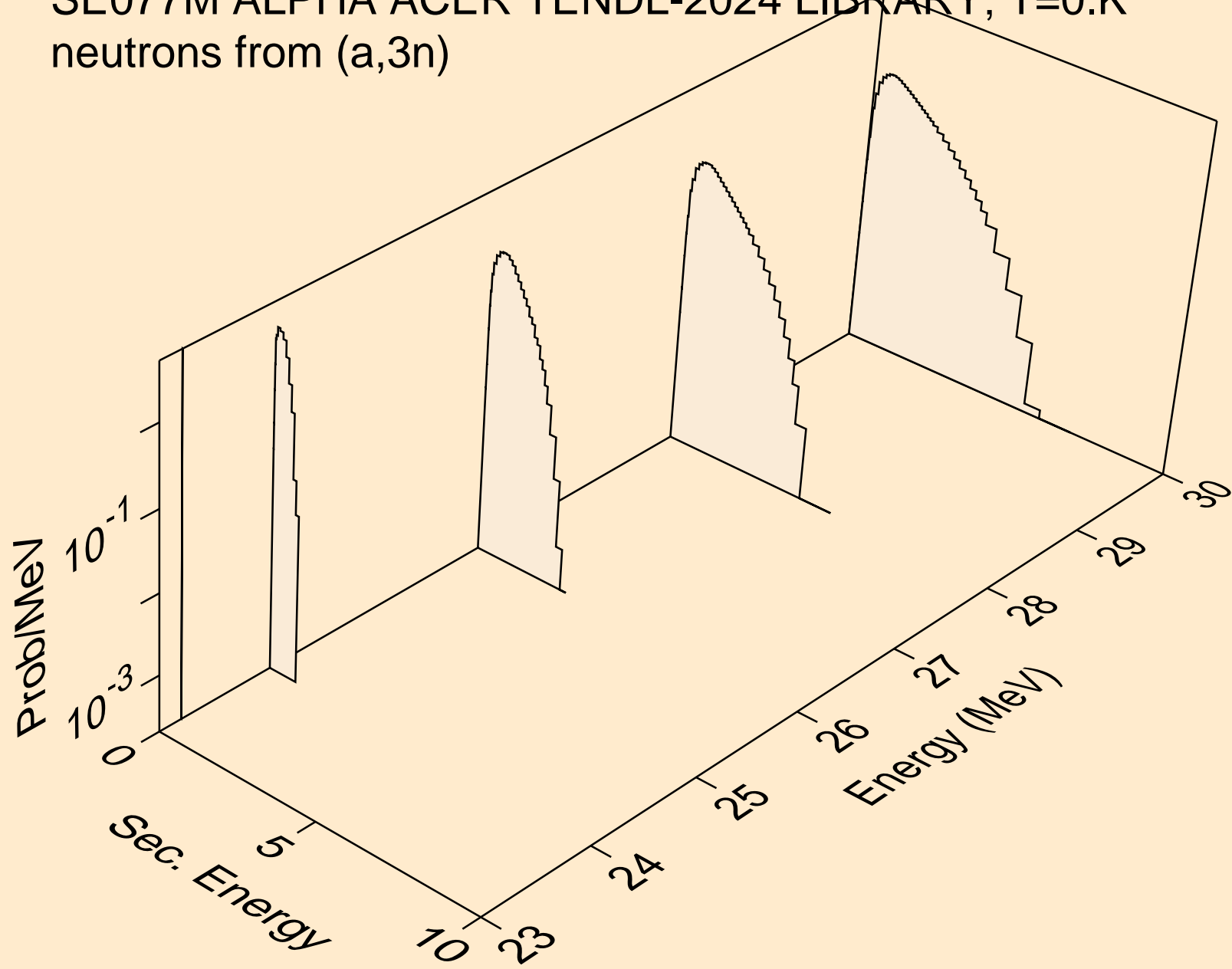
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



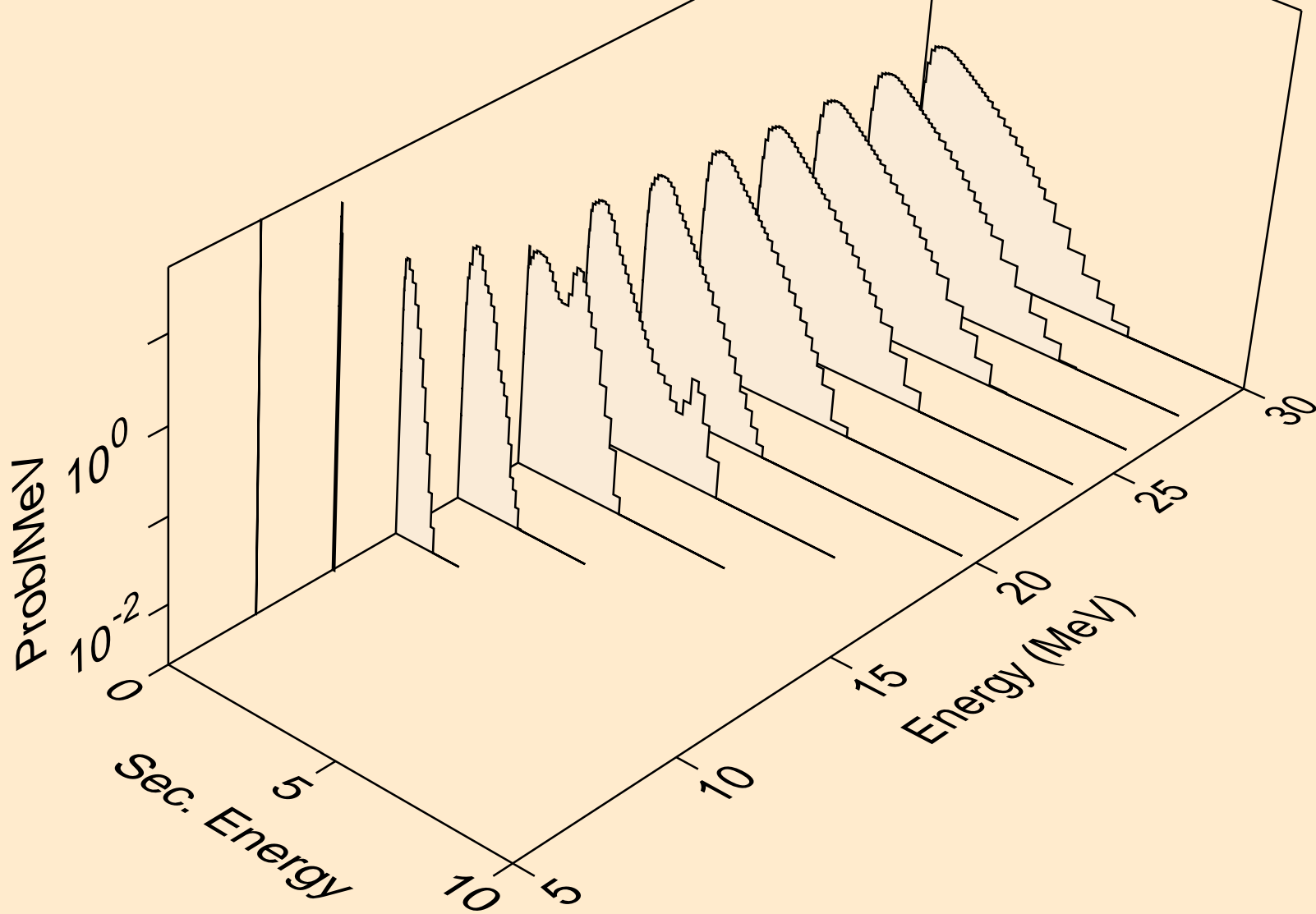
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



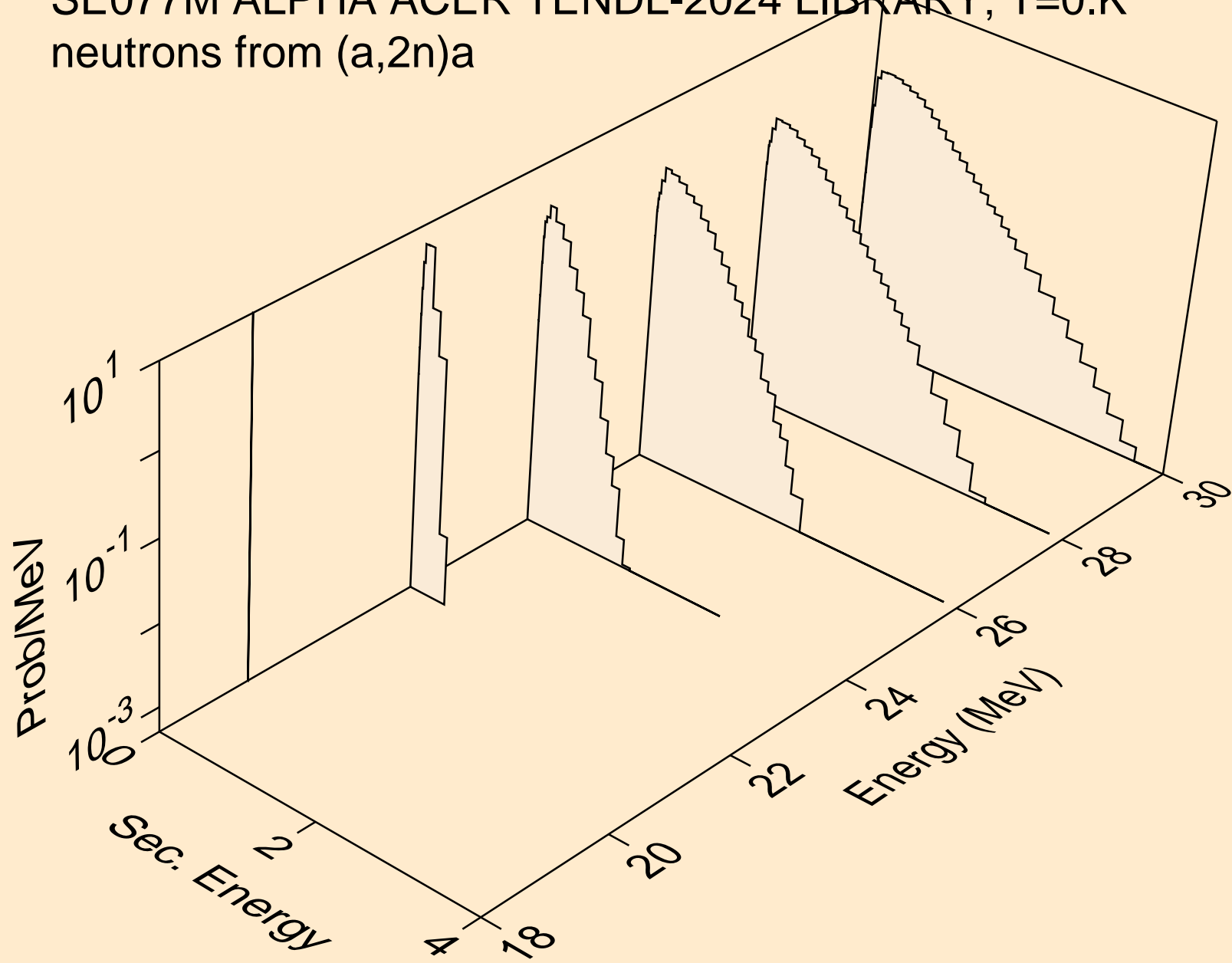
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)



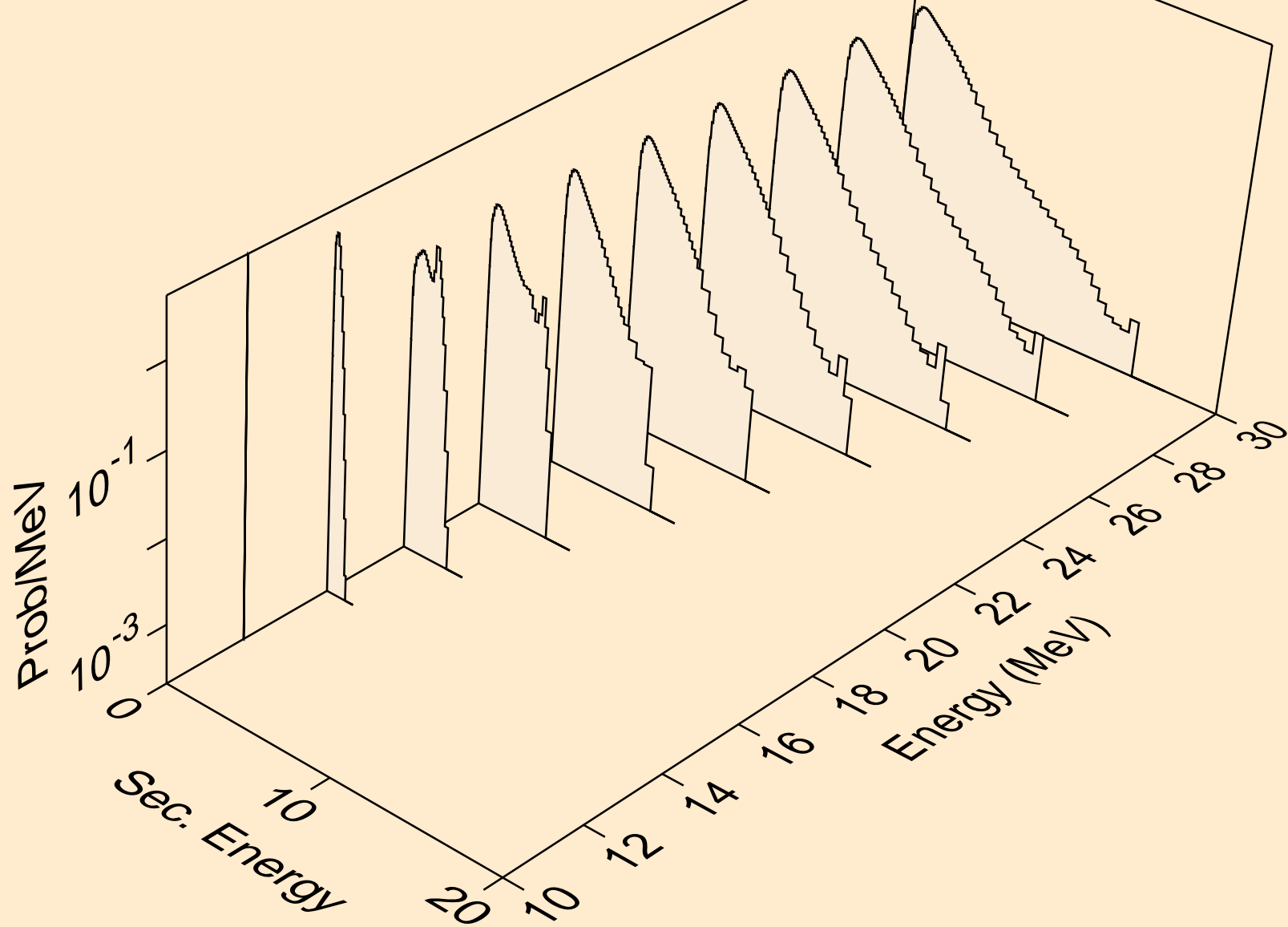
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



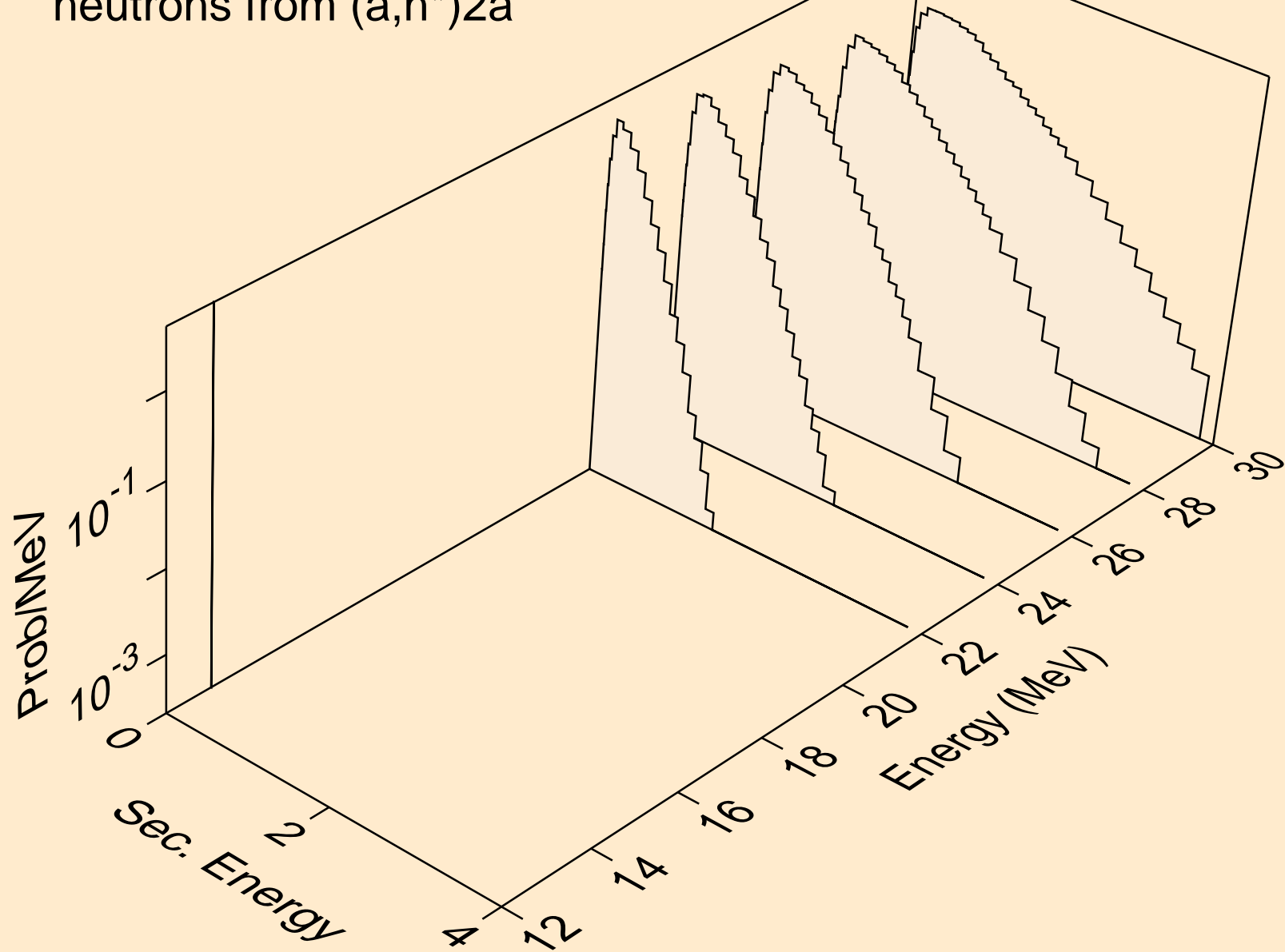
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a



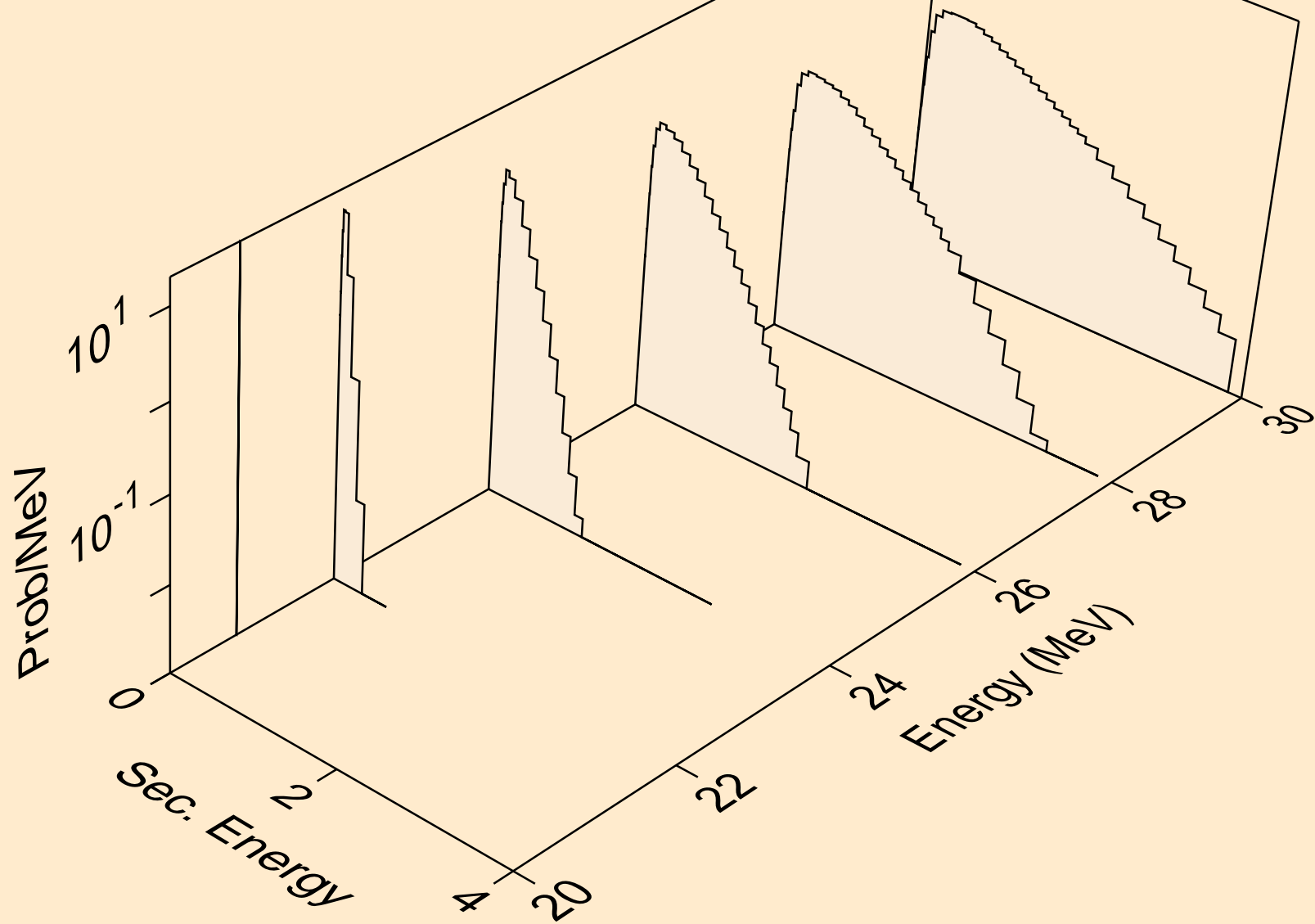
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



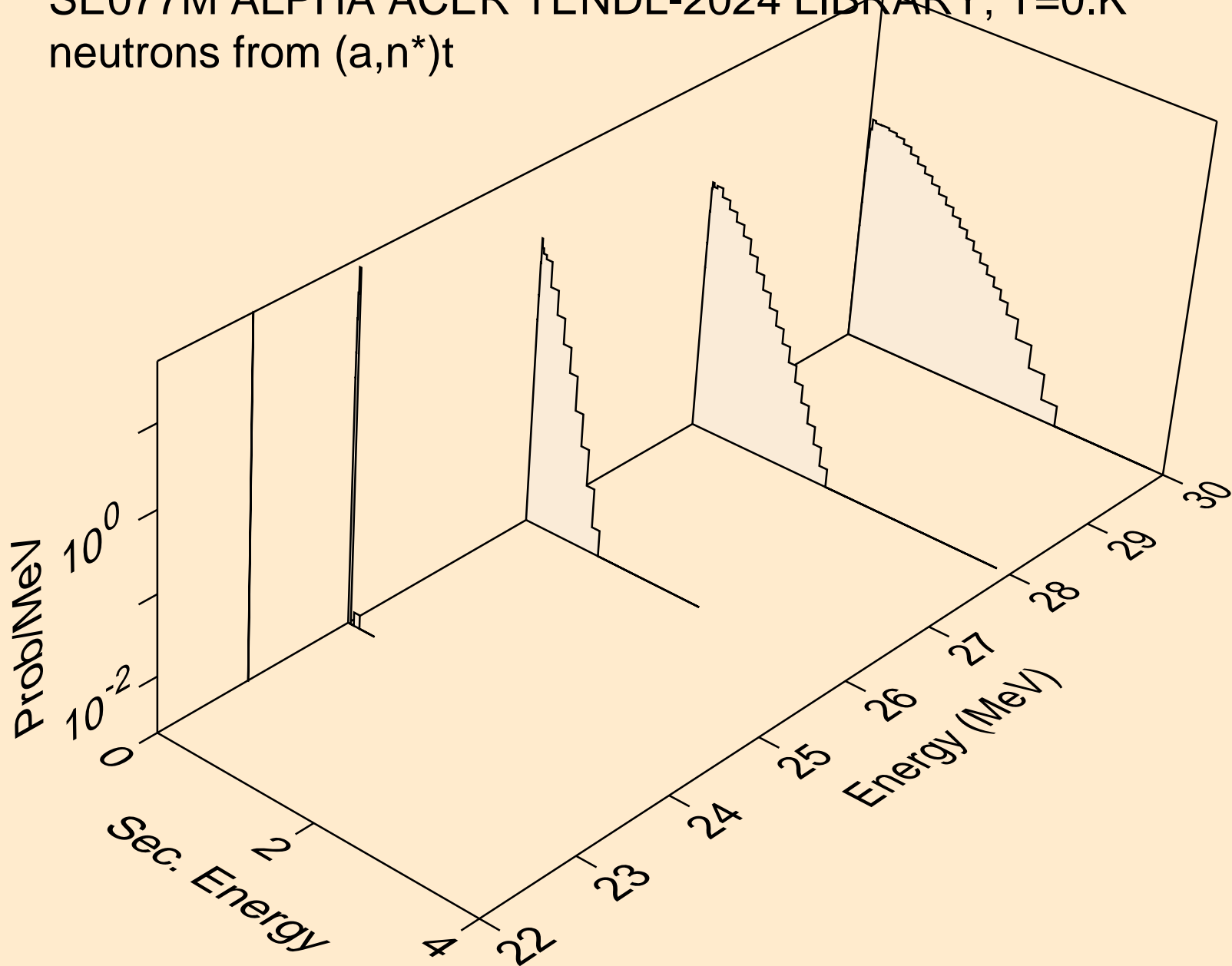
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



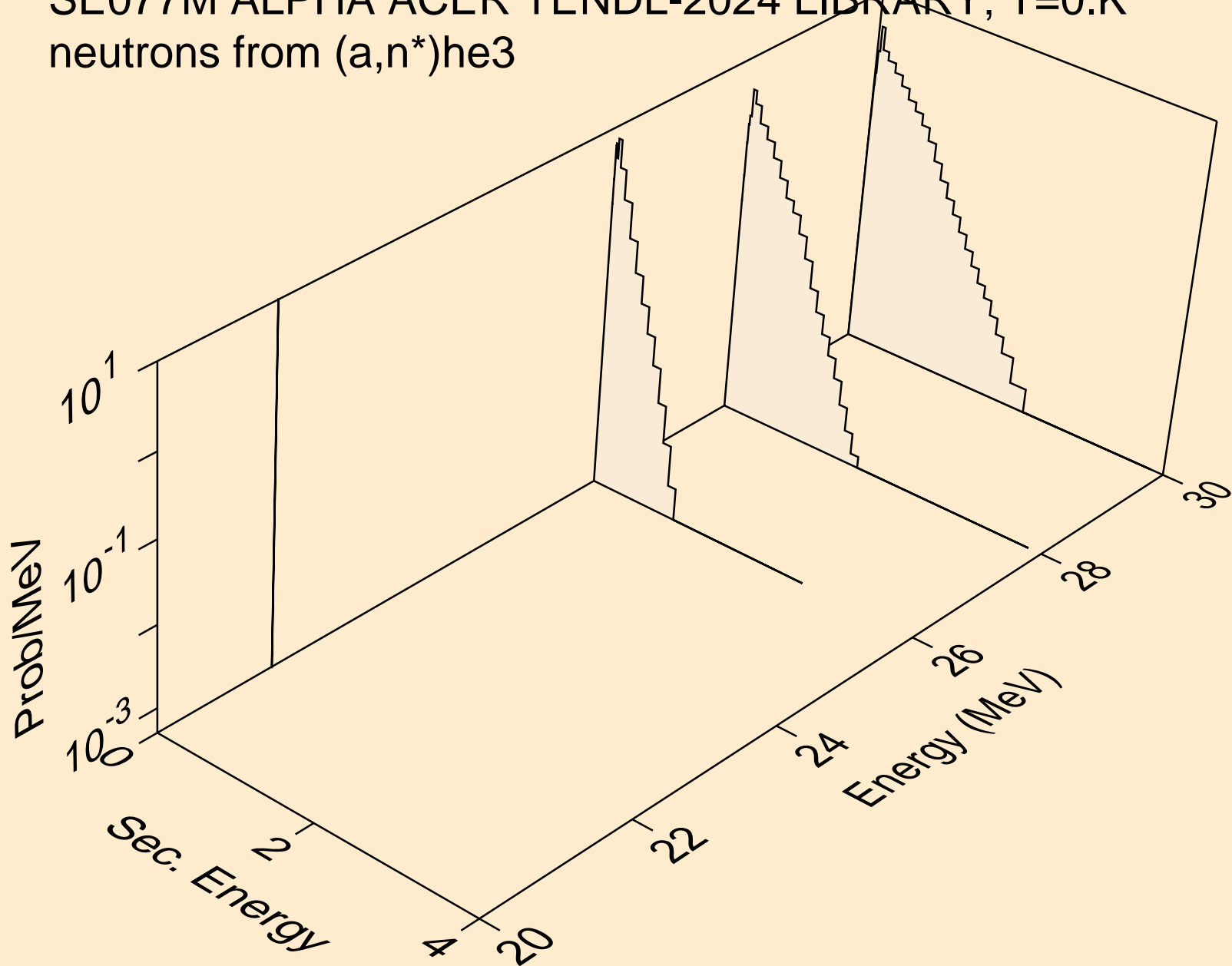
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)d



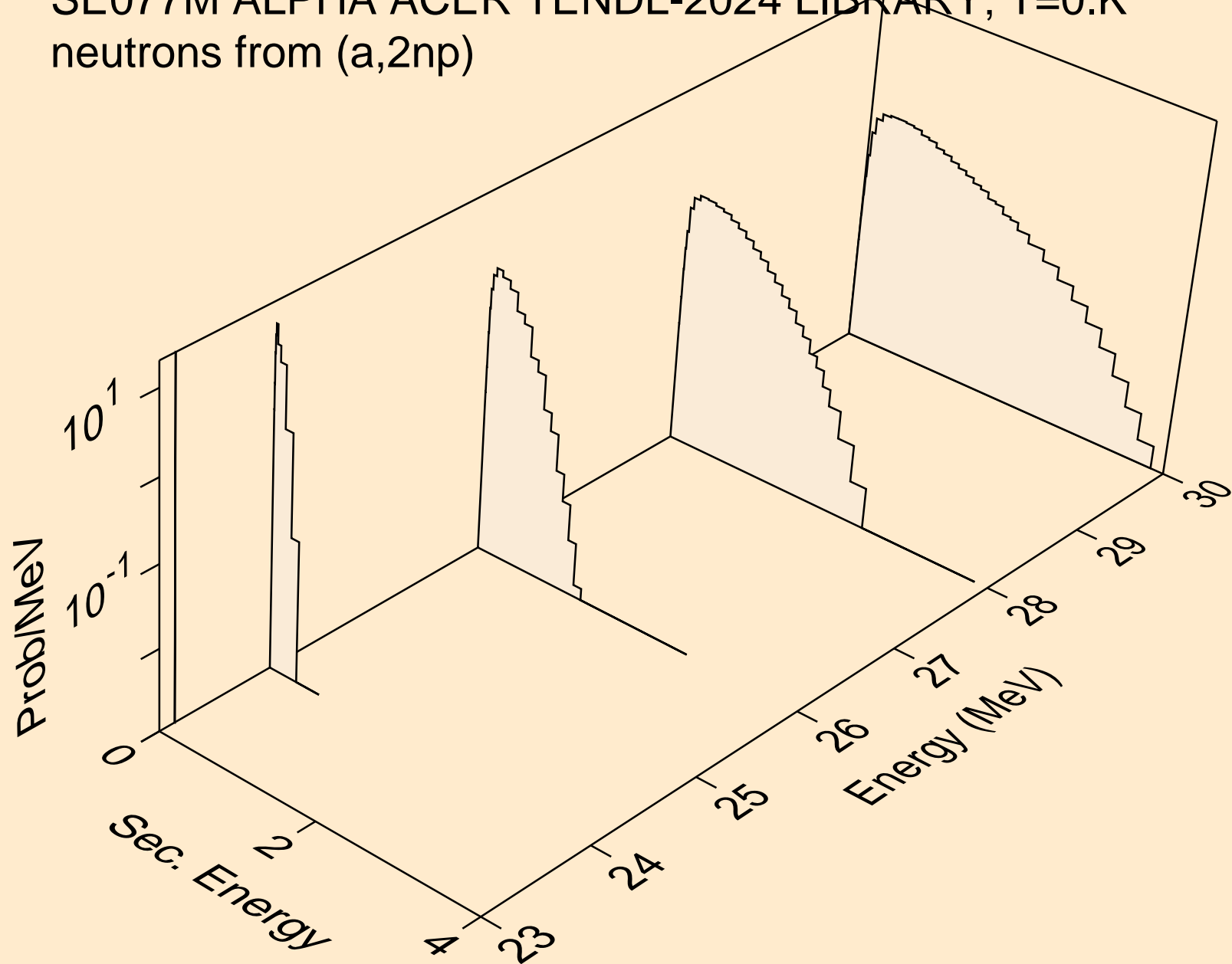
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)t



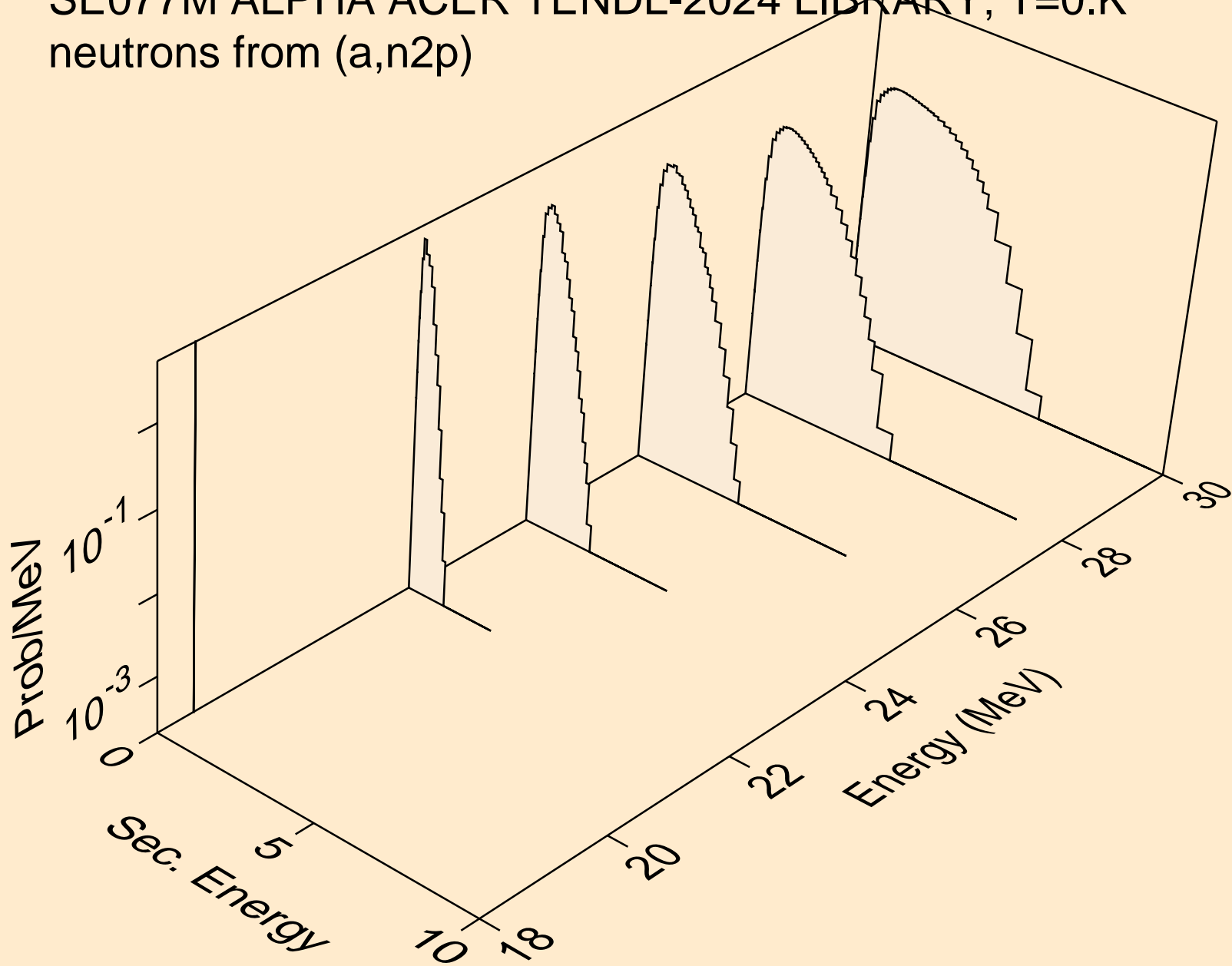
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



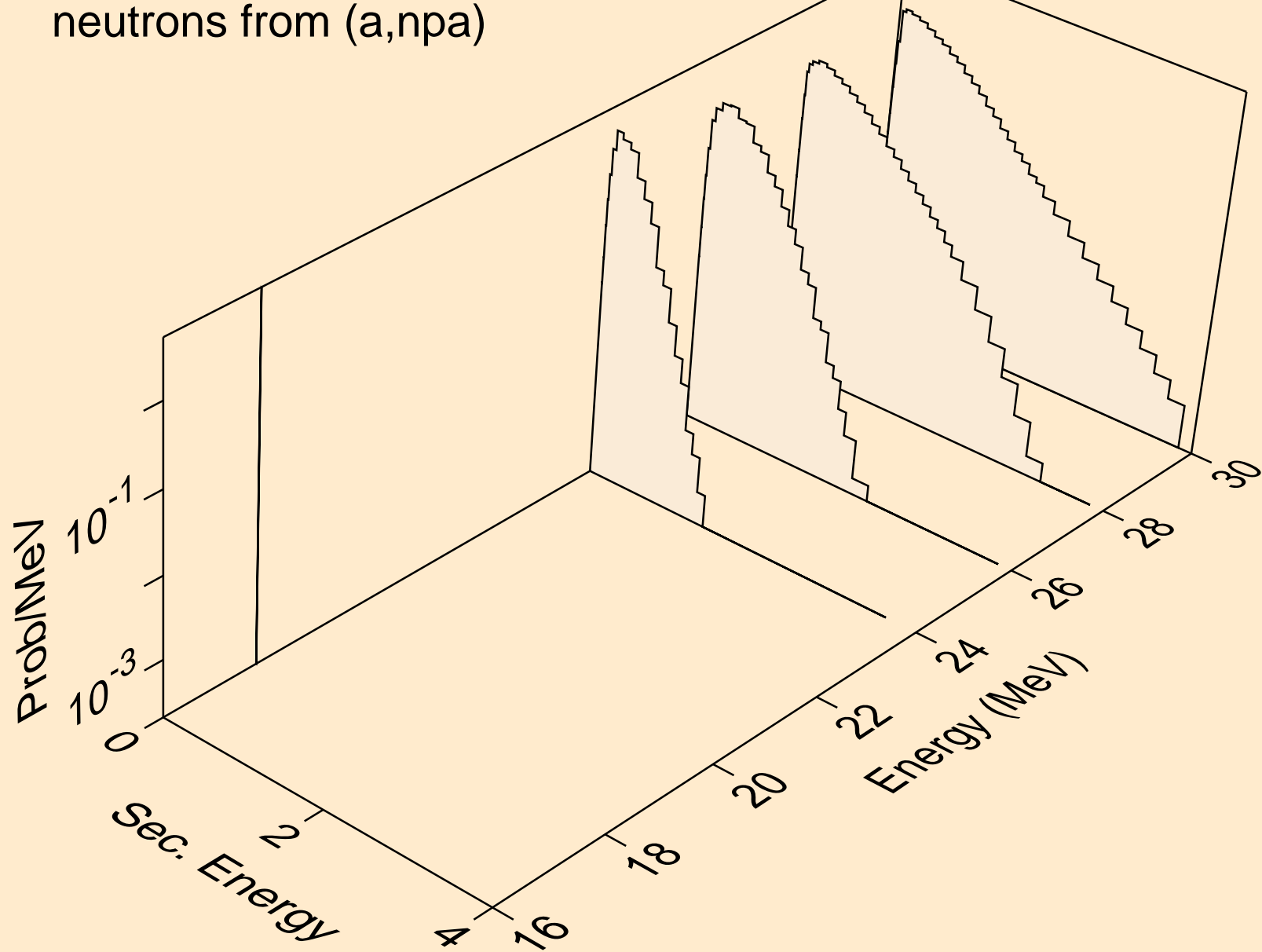
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2np)



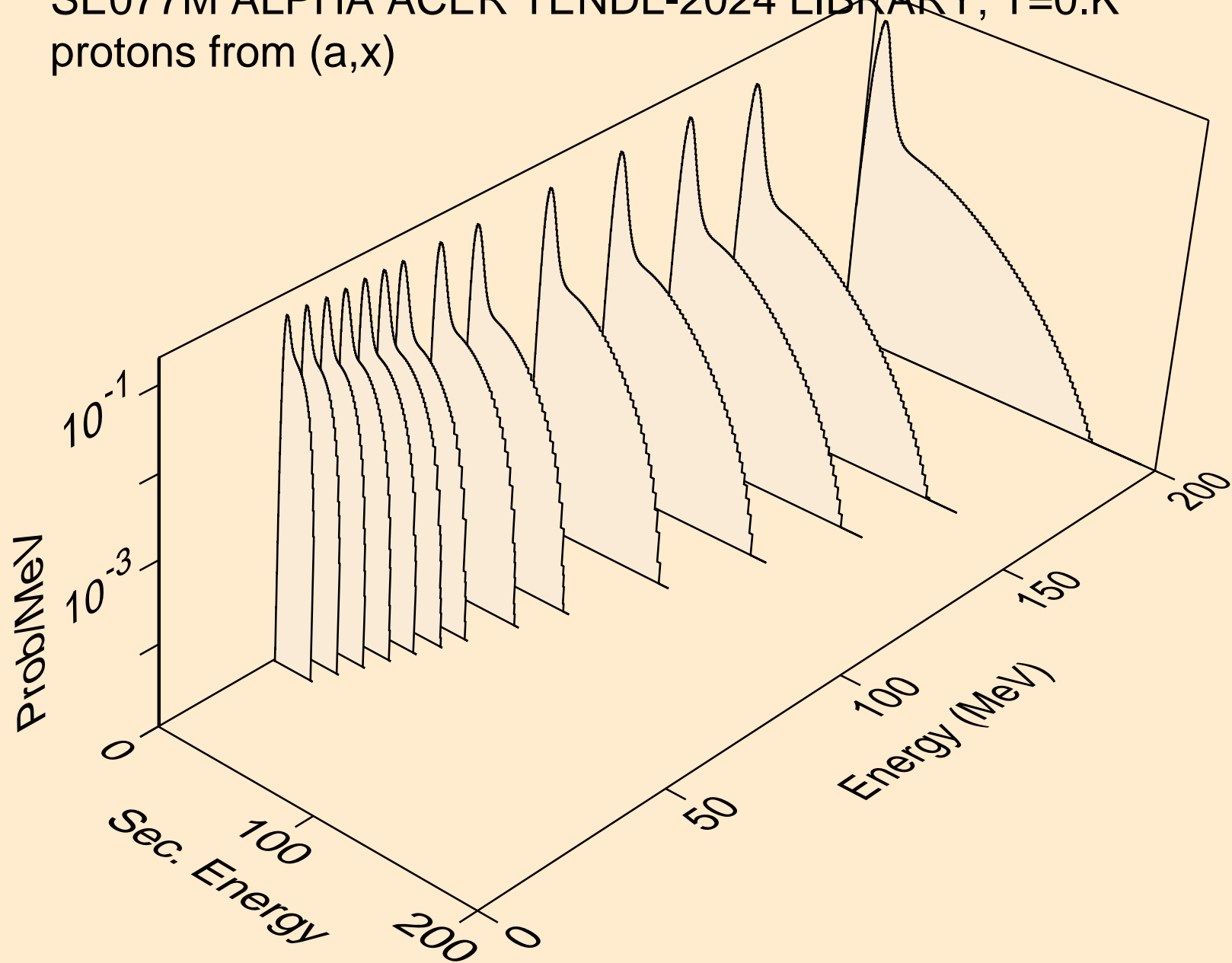
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n2p)



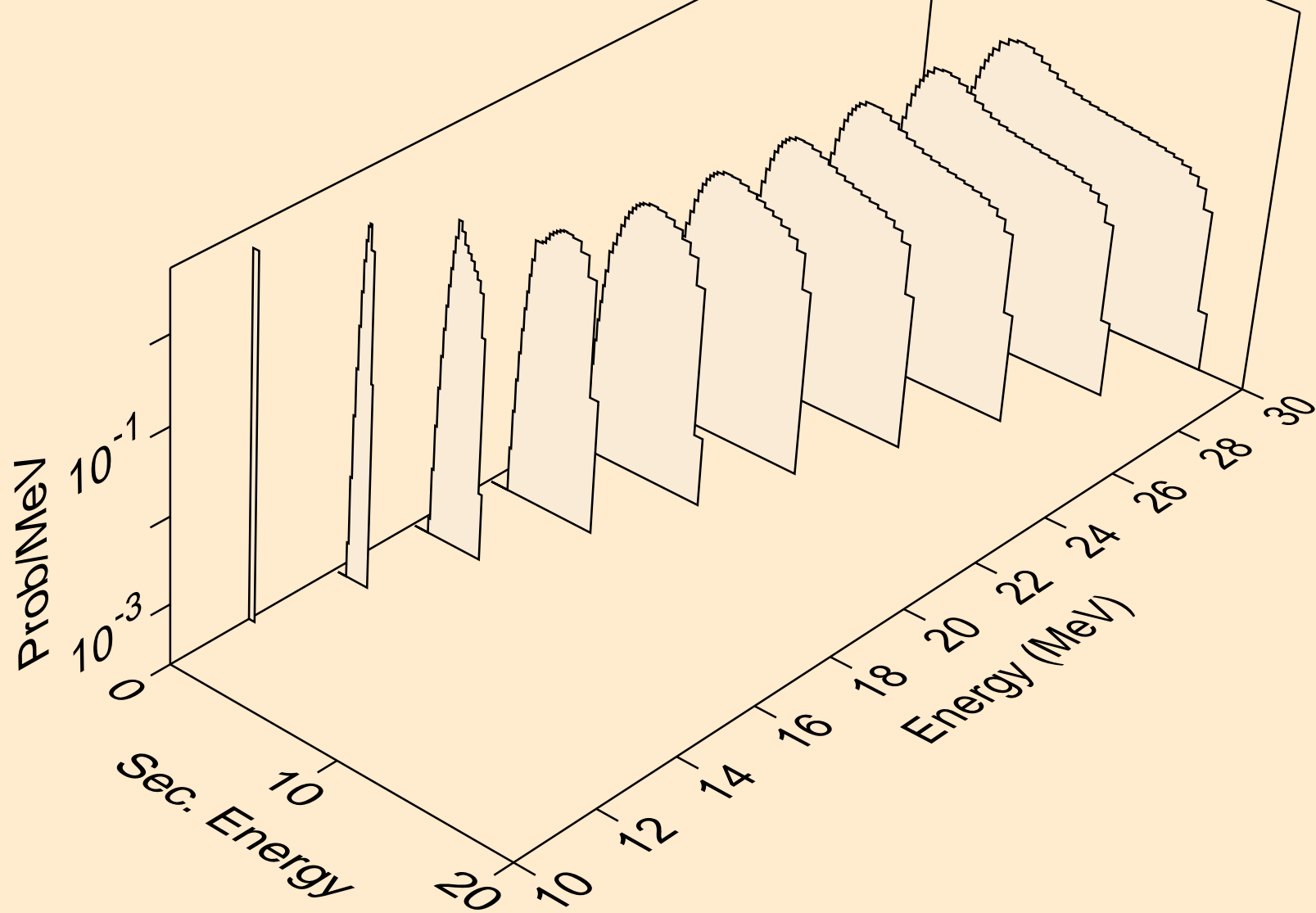
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,npa)



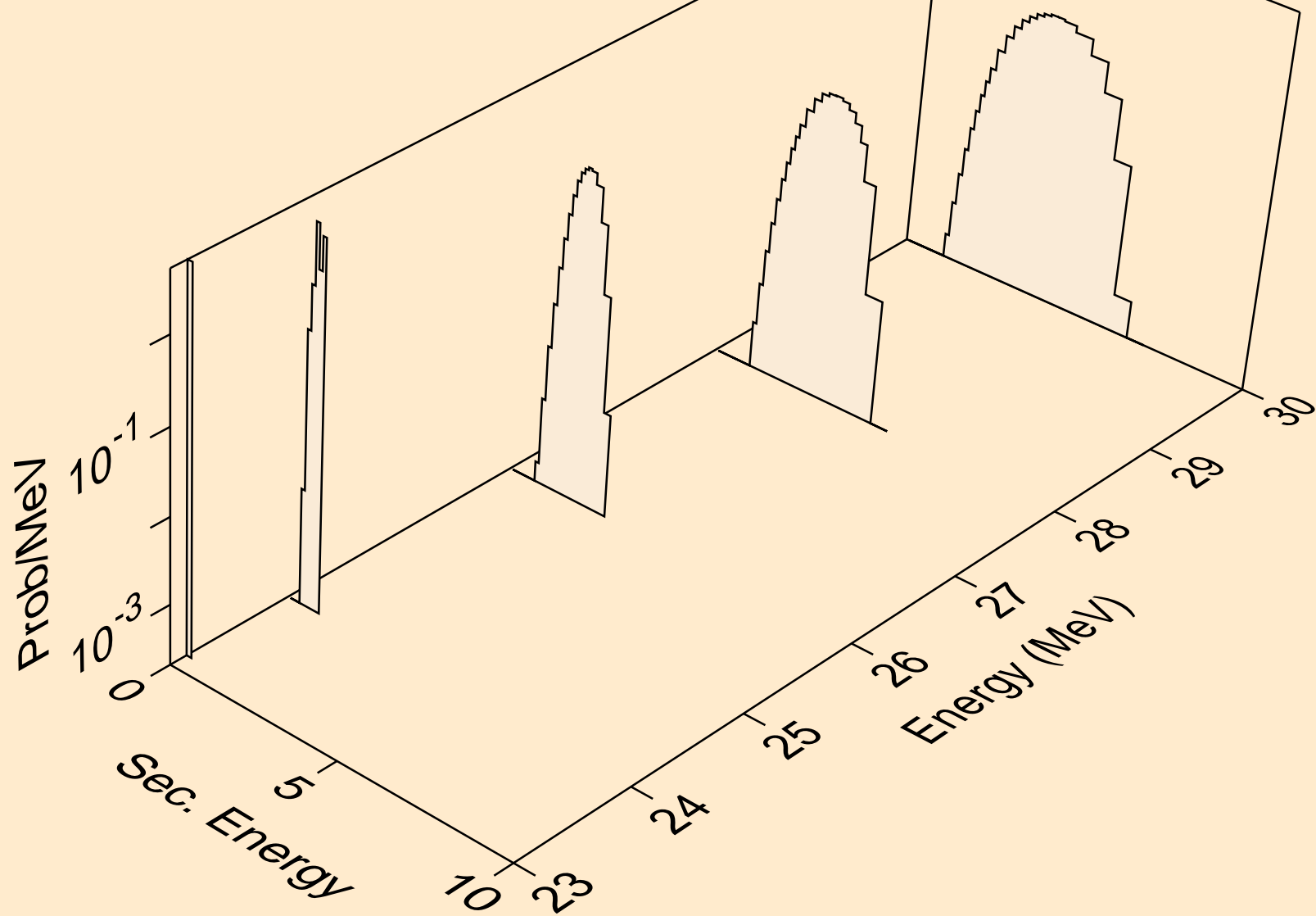
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



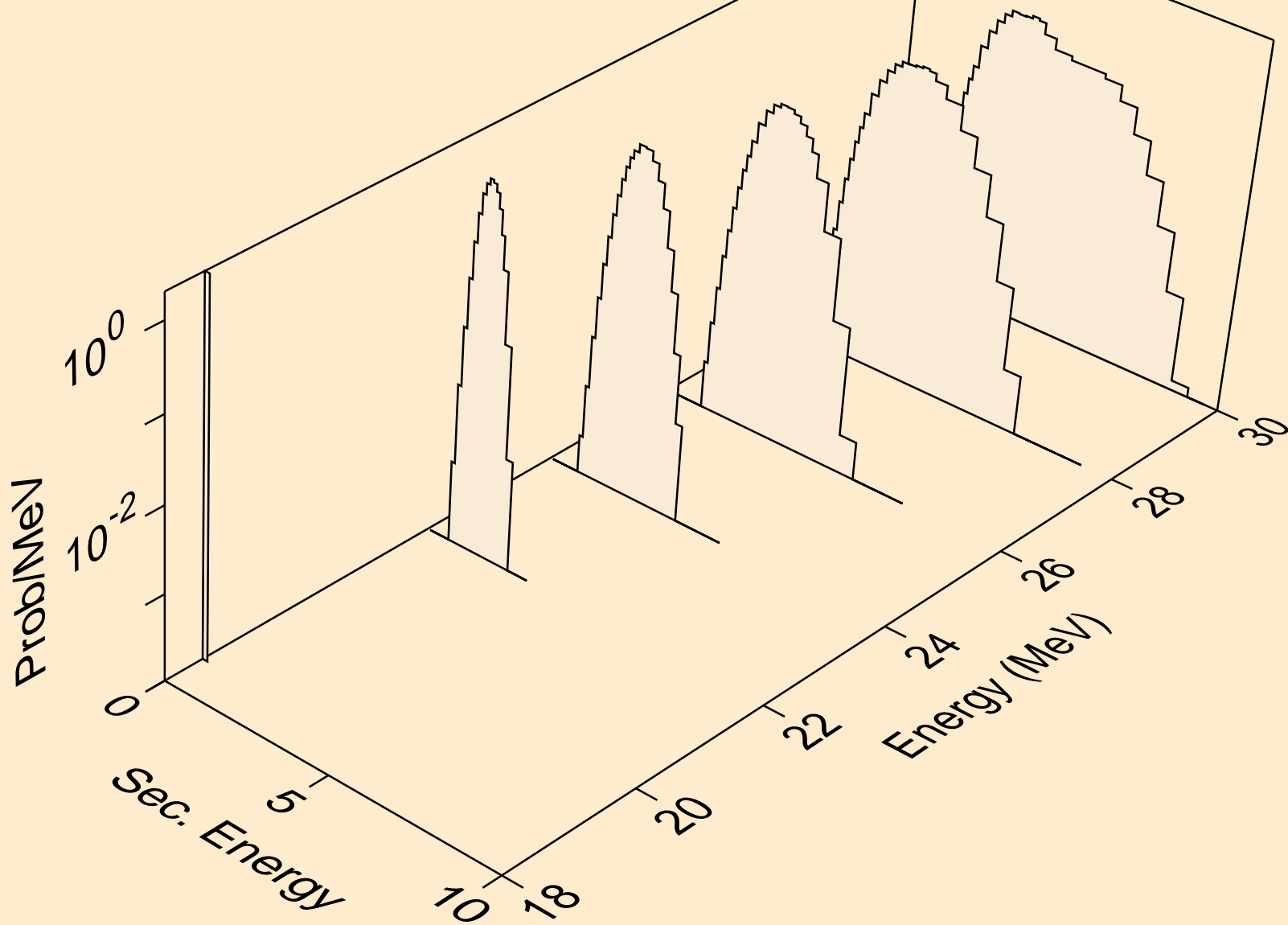
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n\*)p



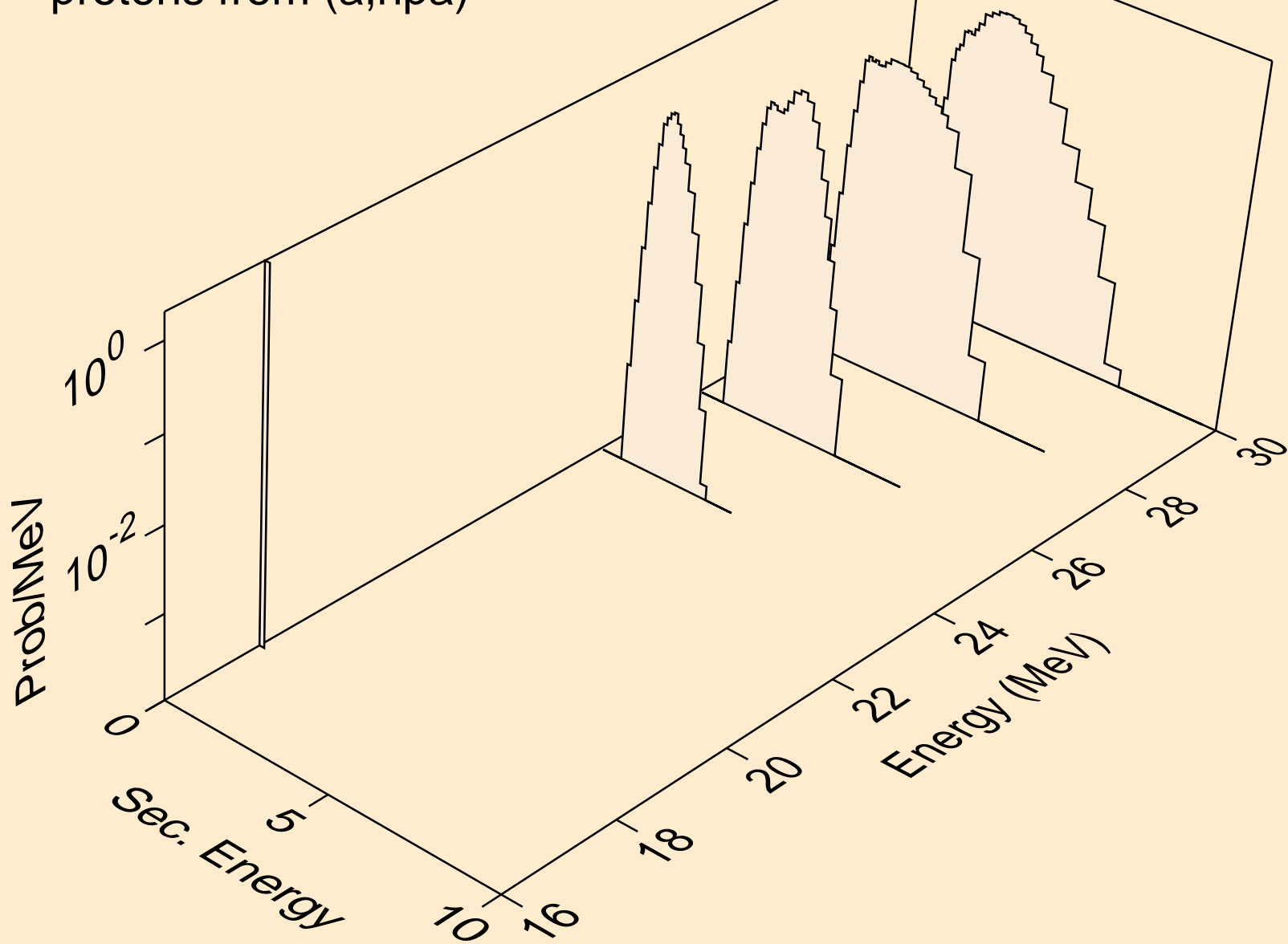
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2np)



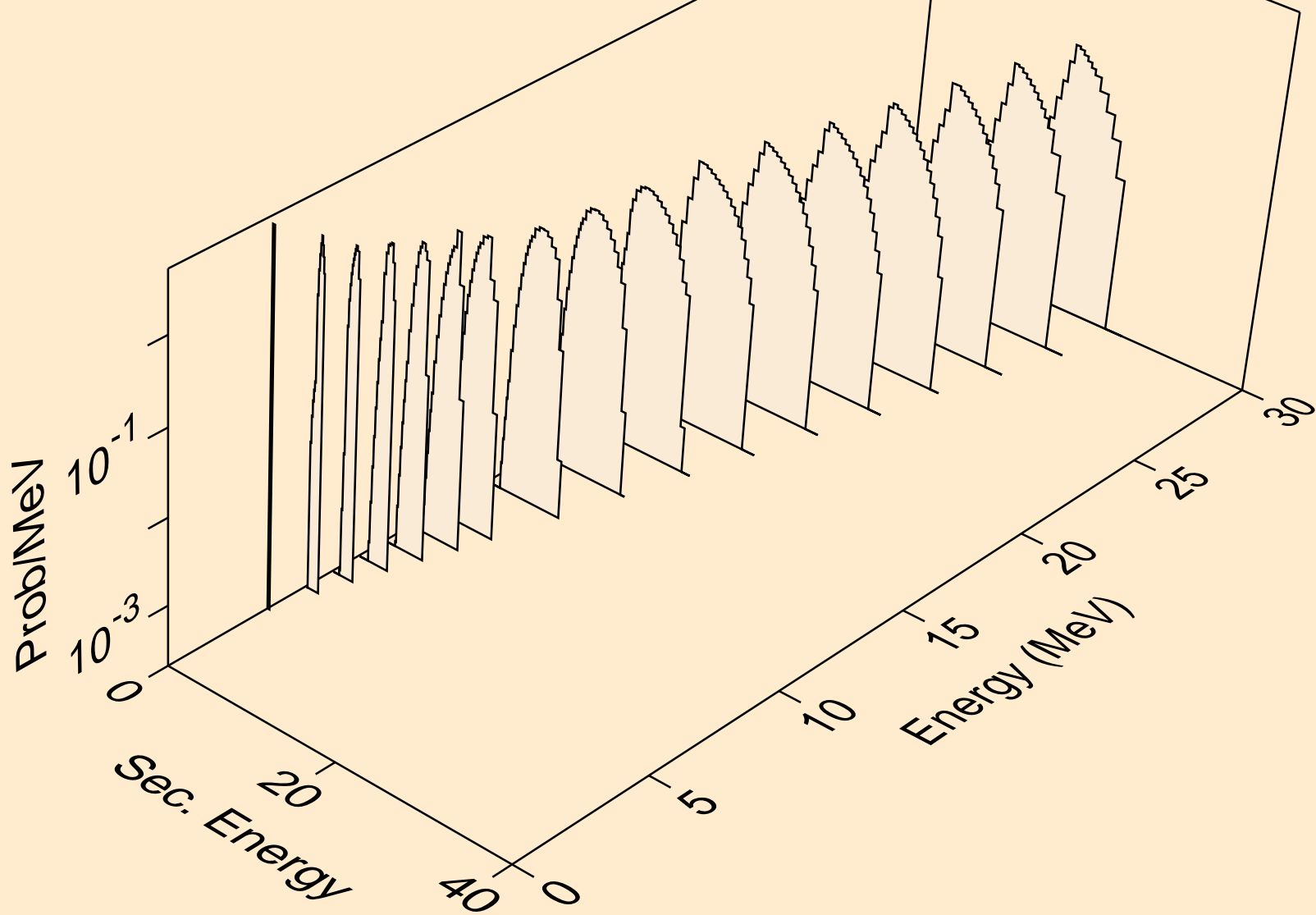
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n2p)



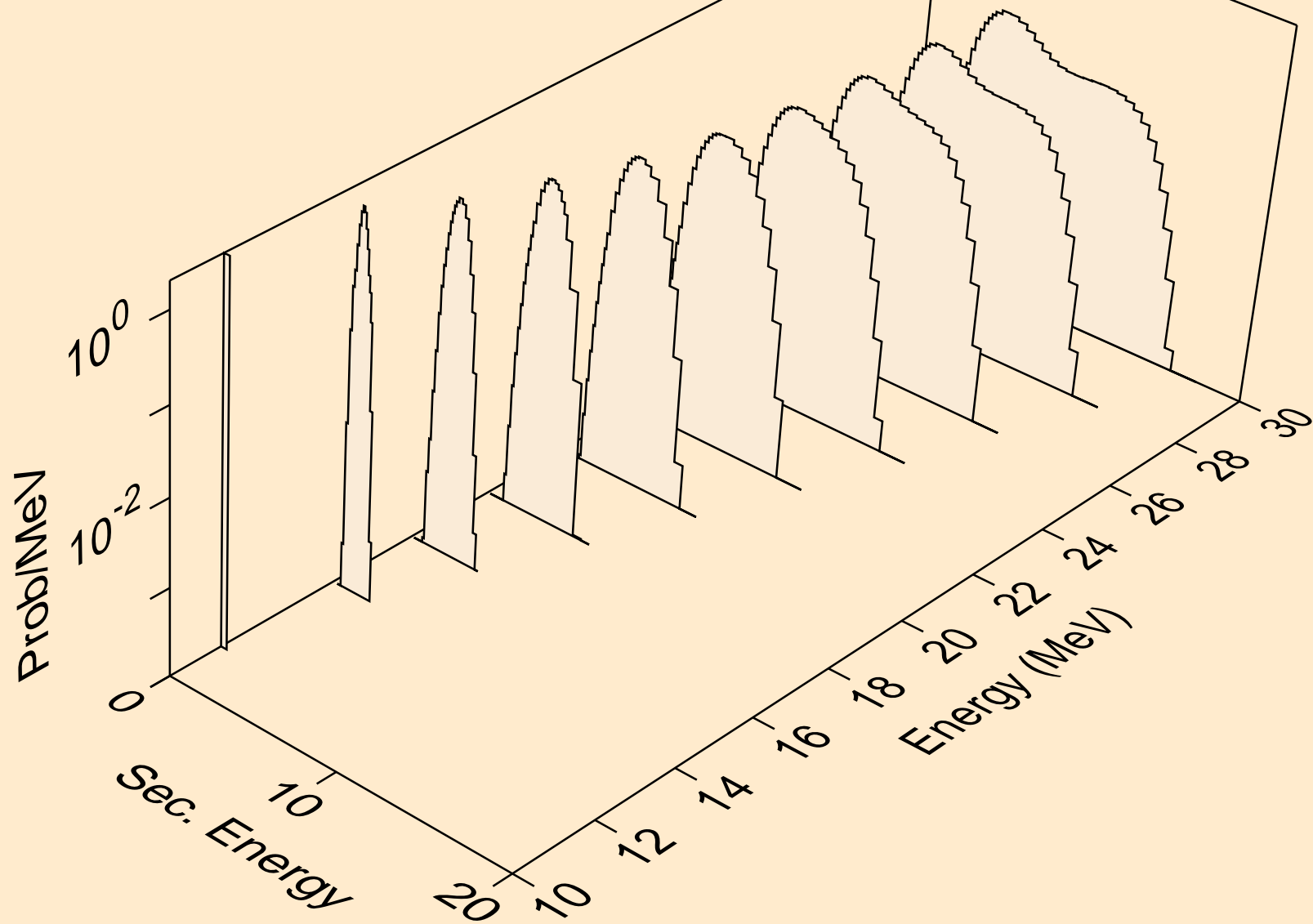
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,npa)



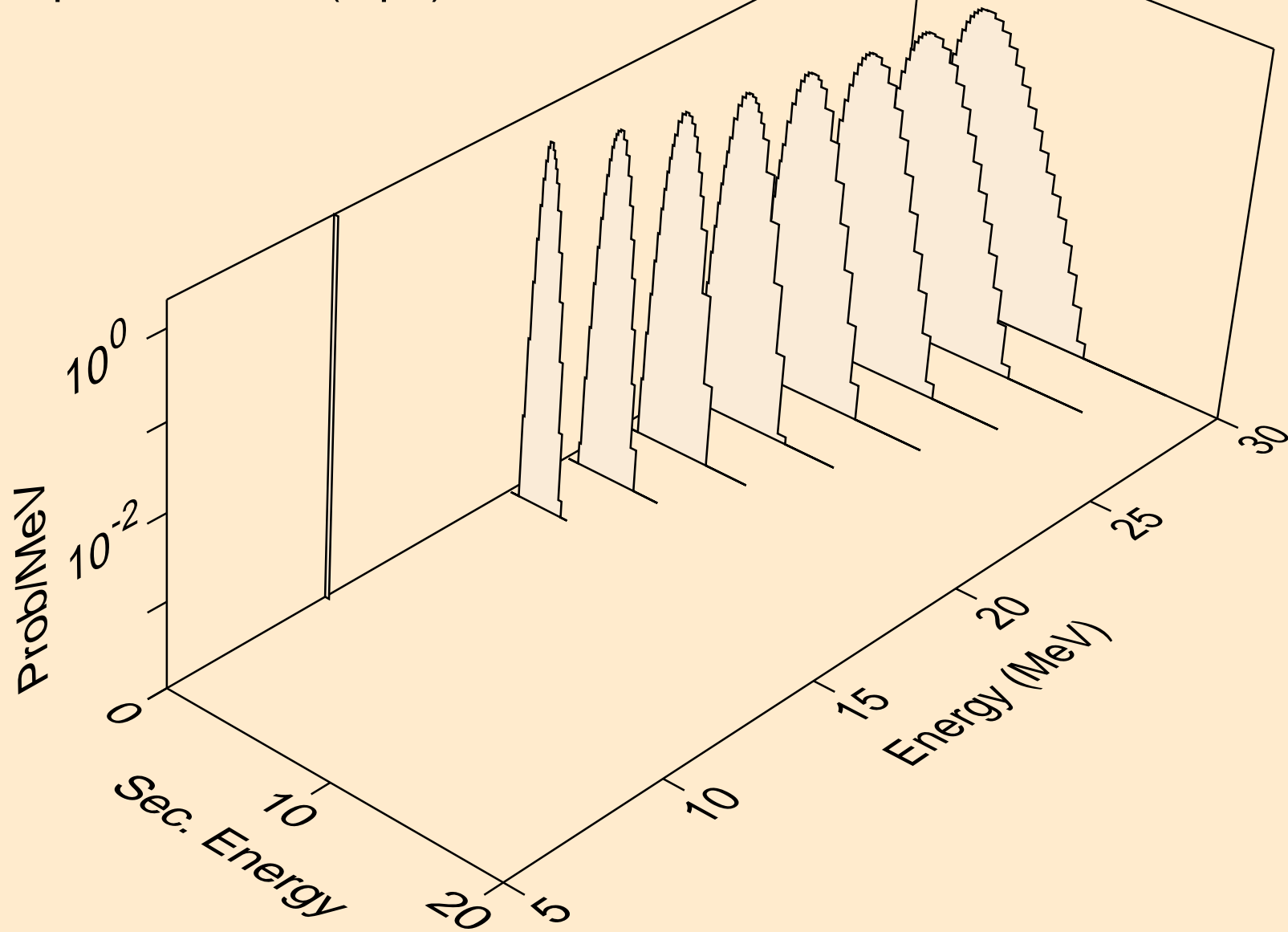
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,p)



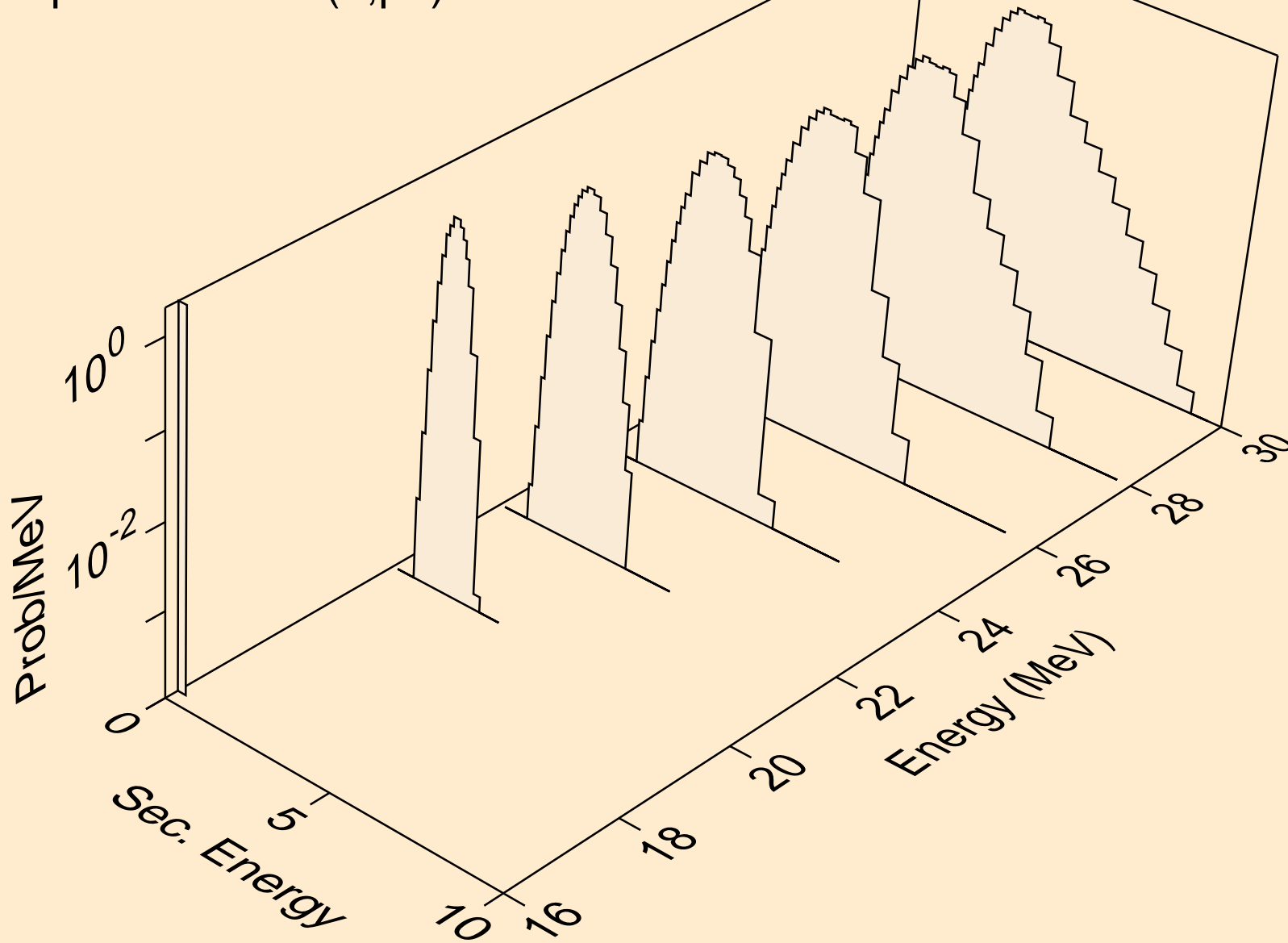
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2p)



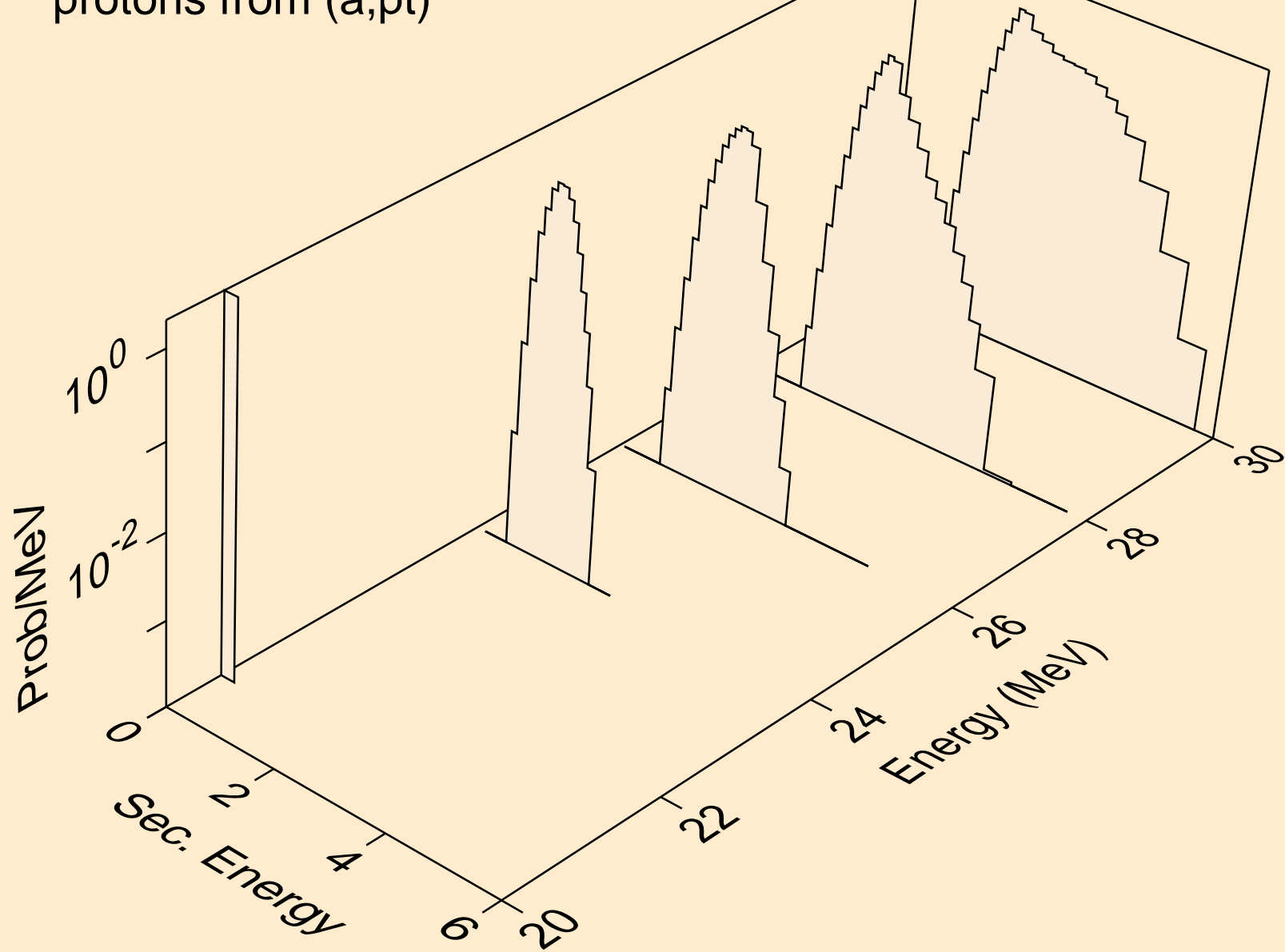
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pa)



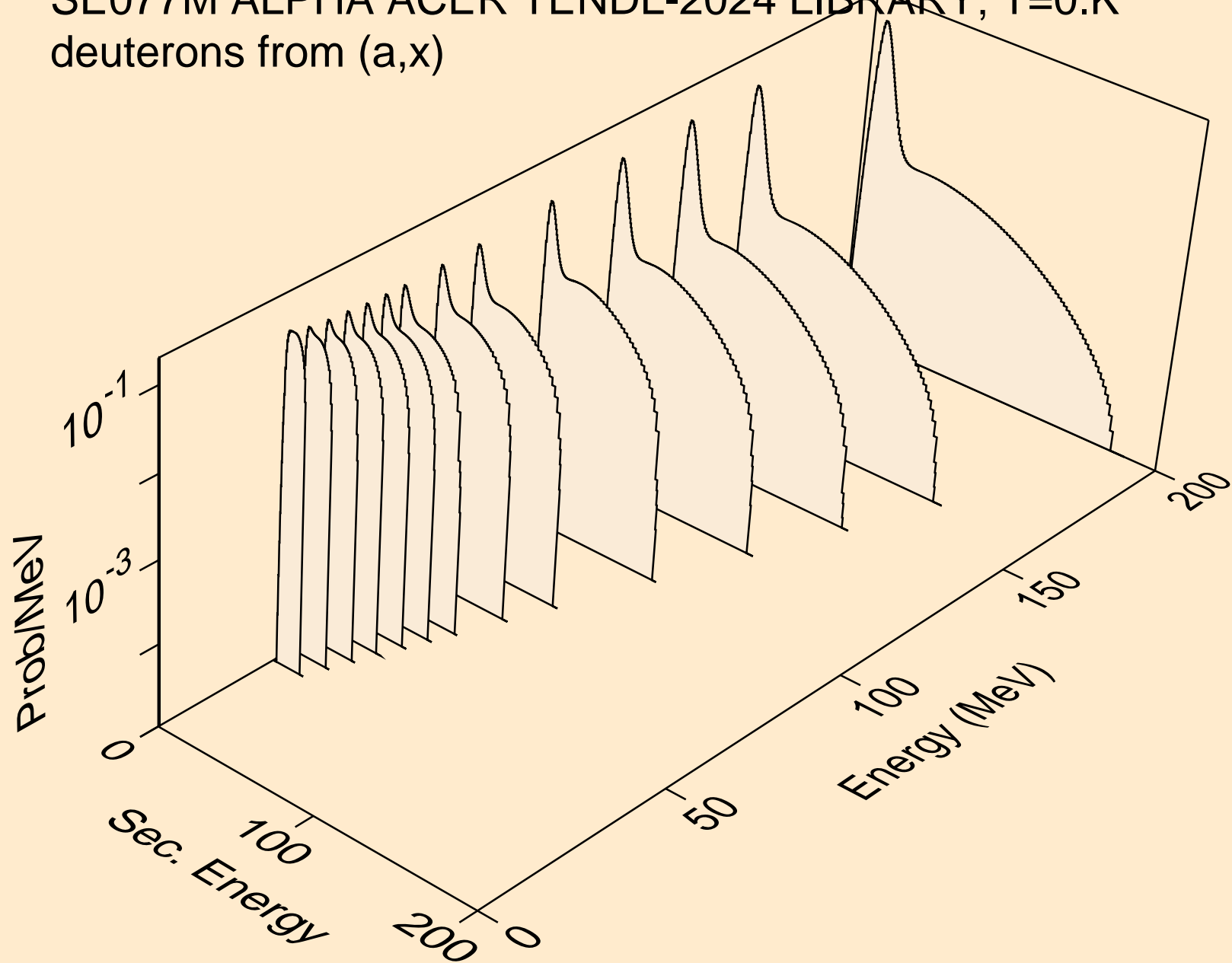
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pd)



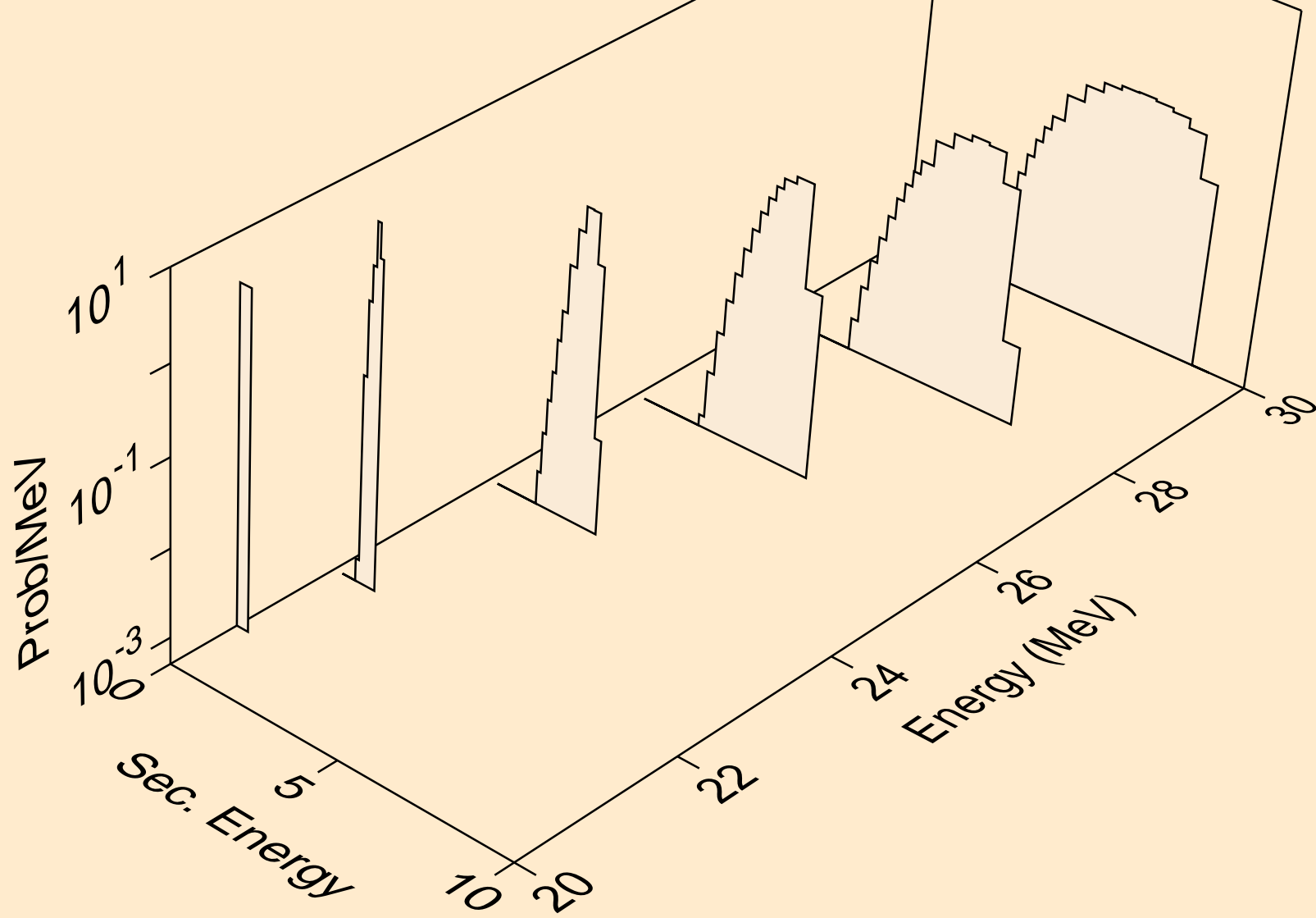
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pt)



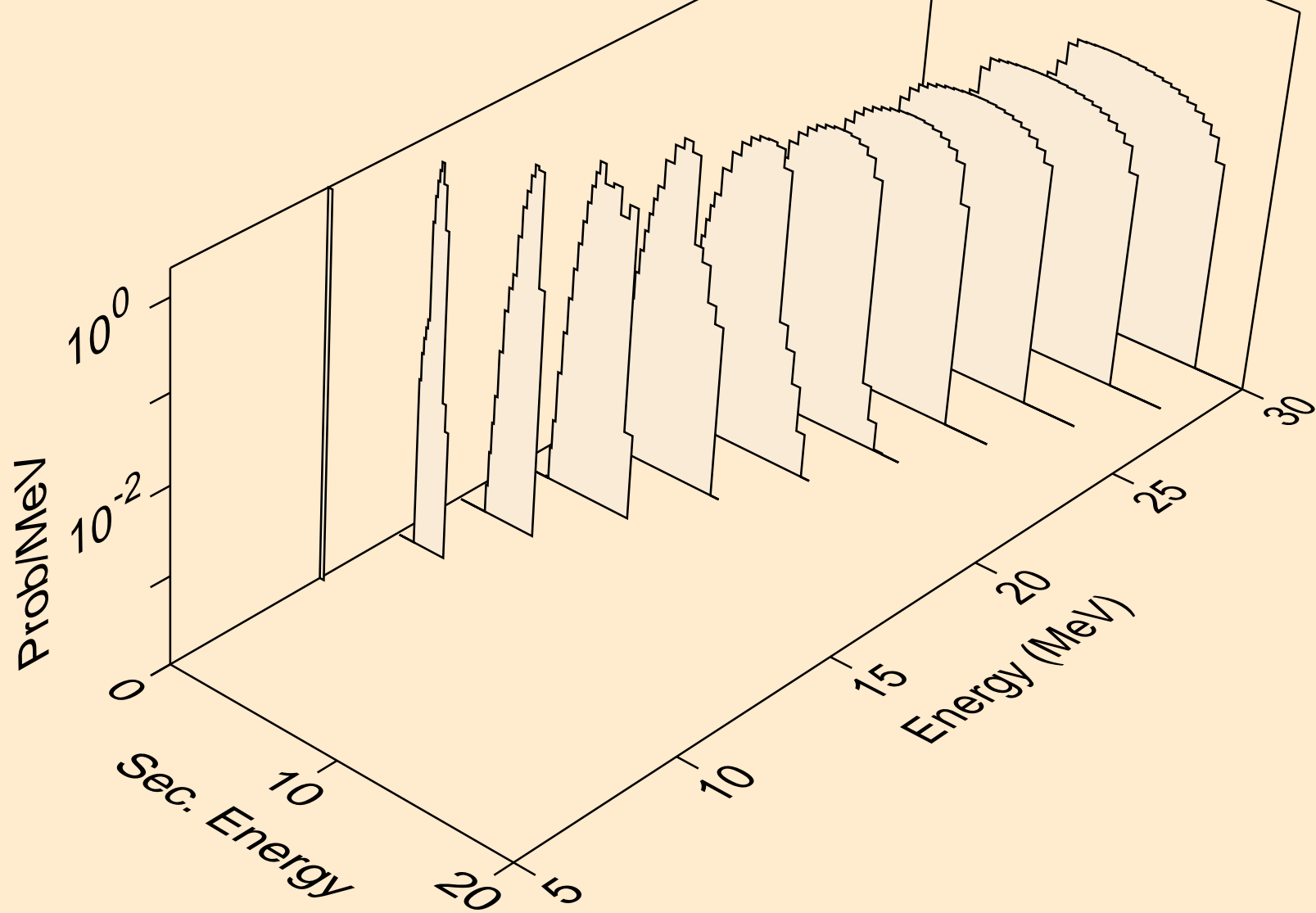
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



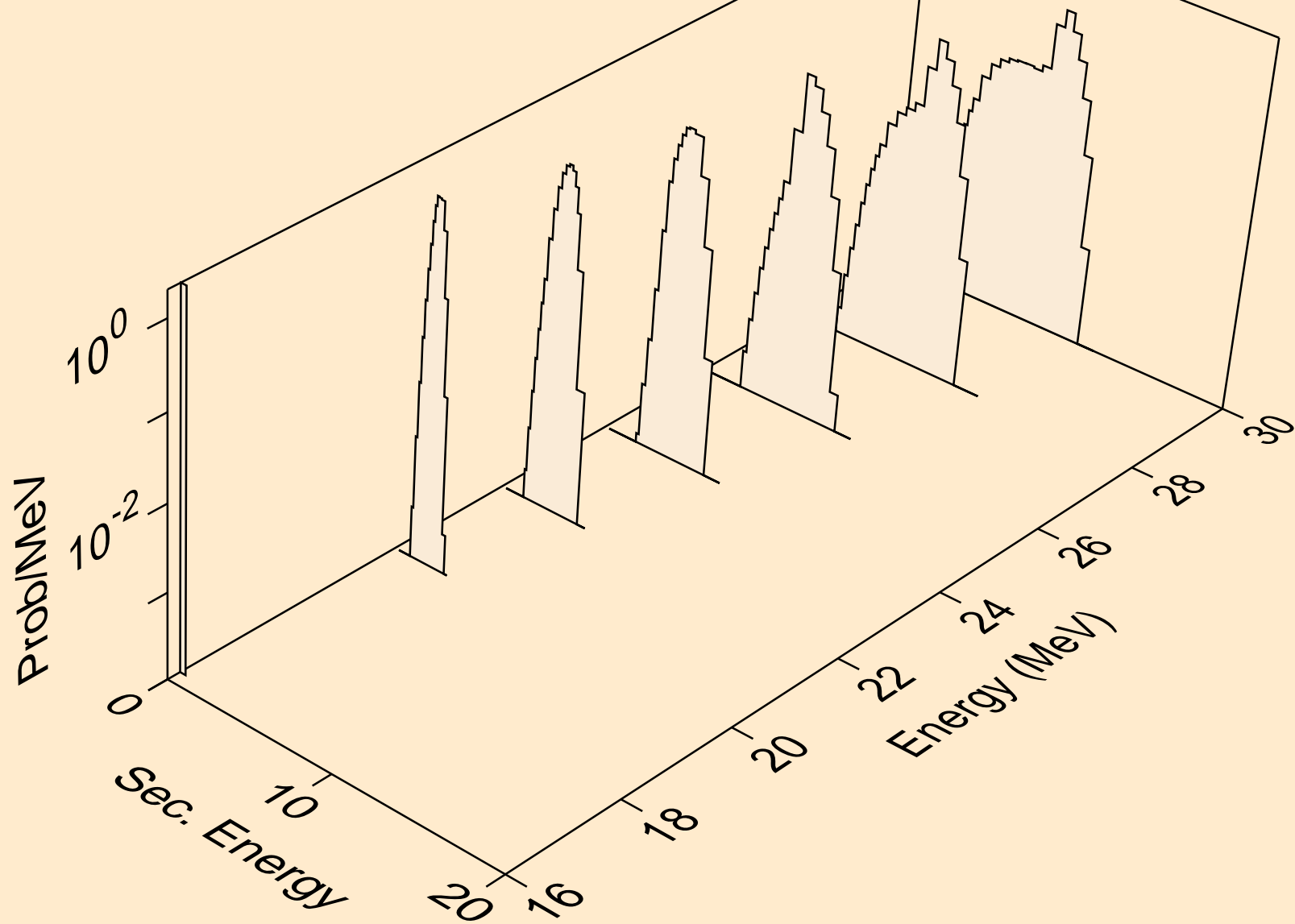
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



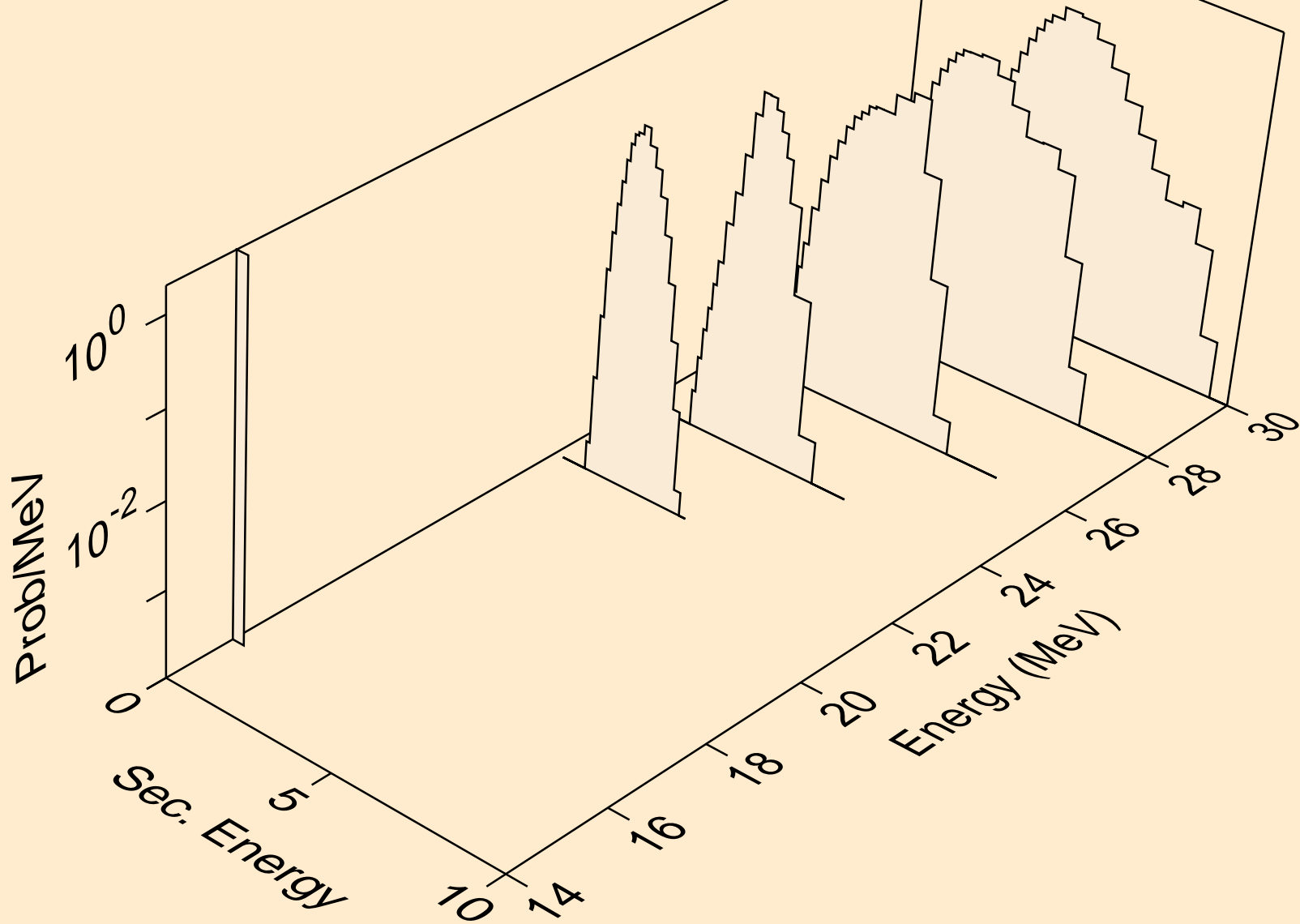
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)



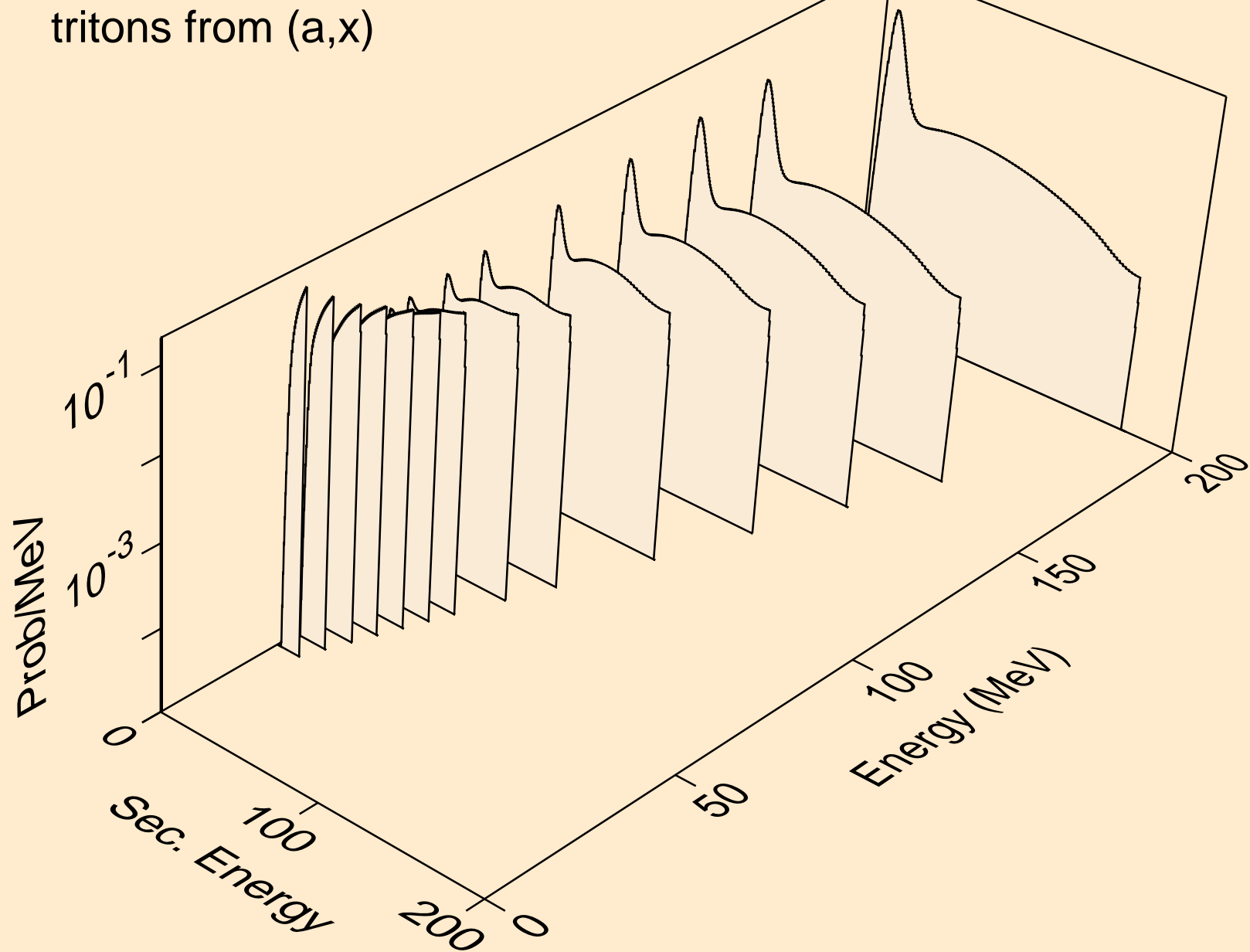
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,pd)



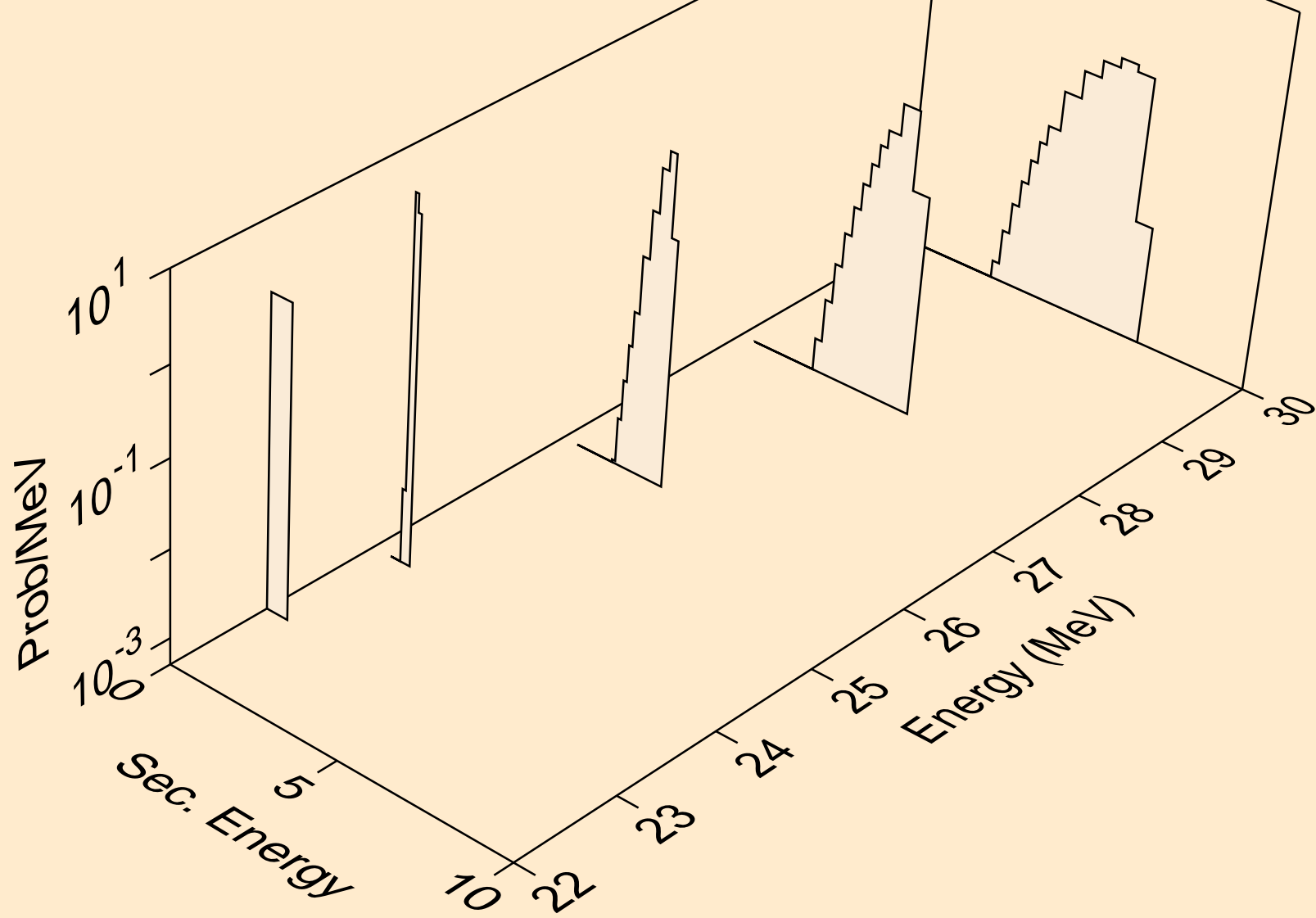
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,da)



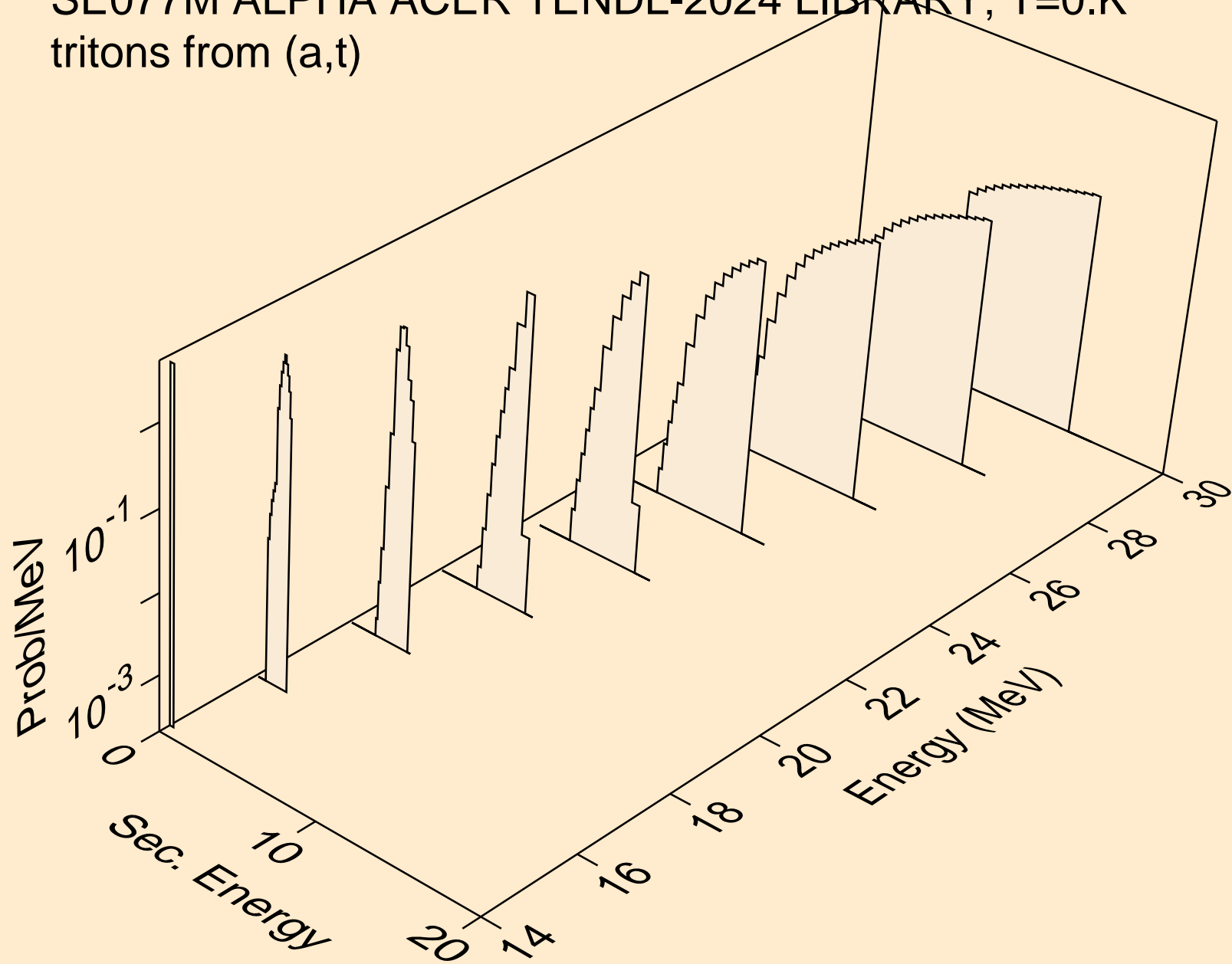
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



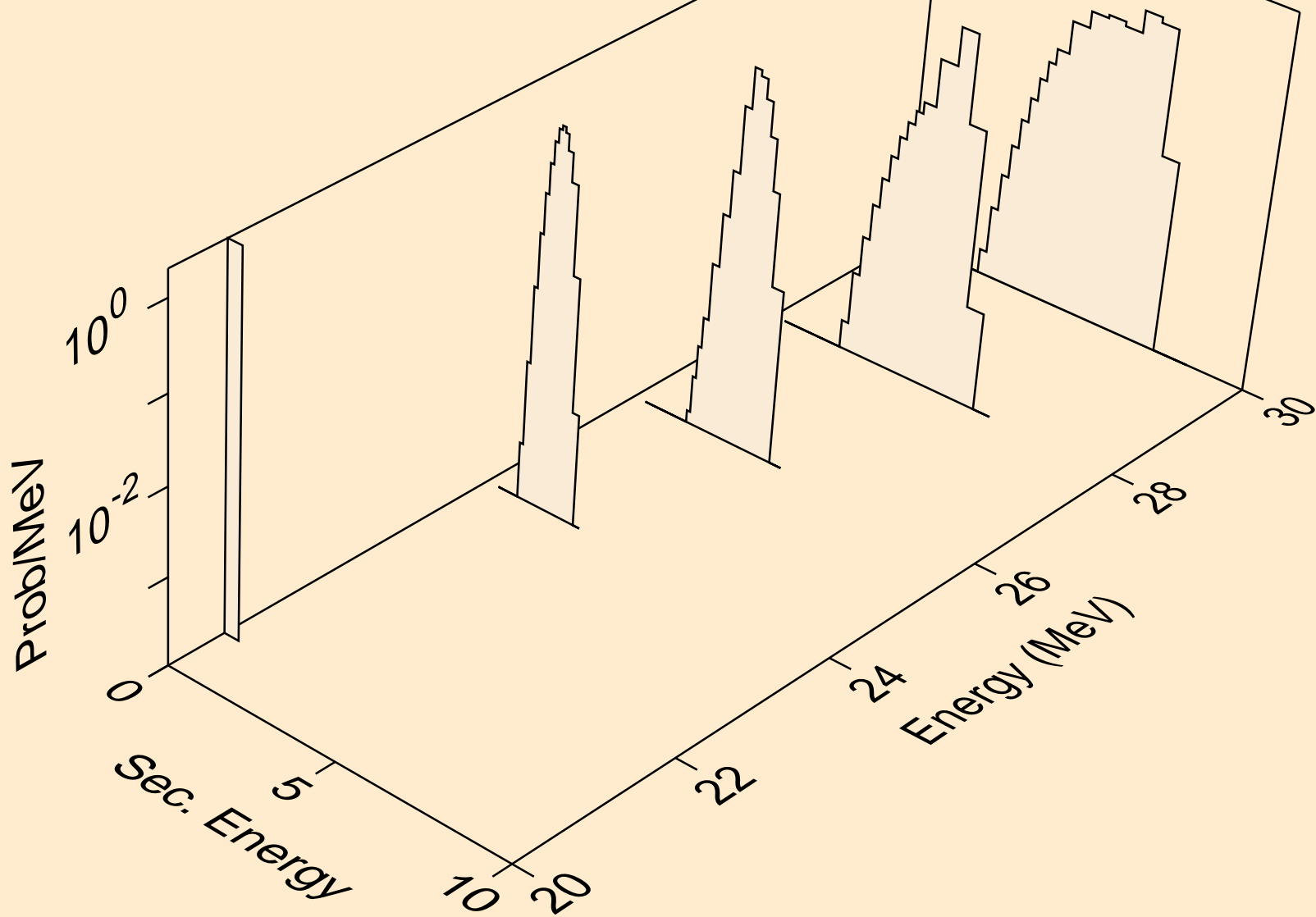
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t



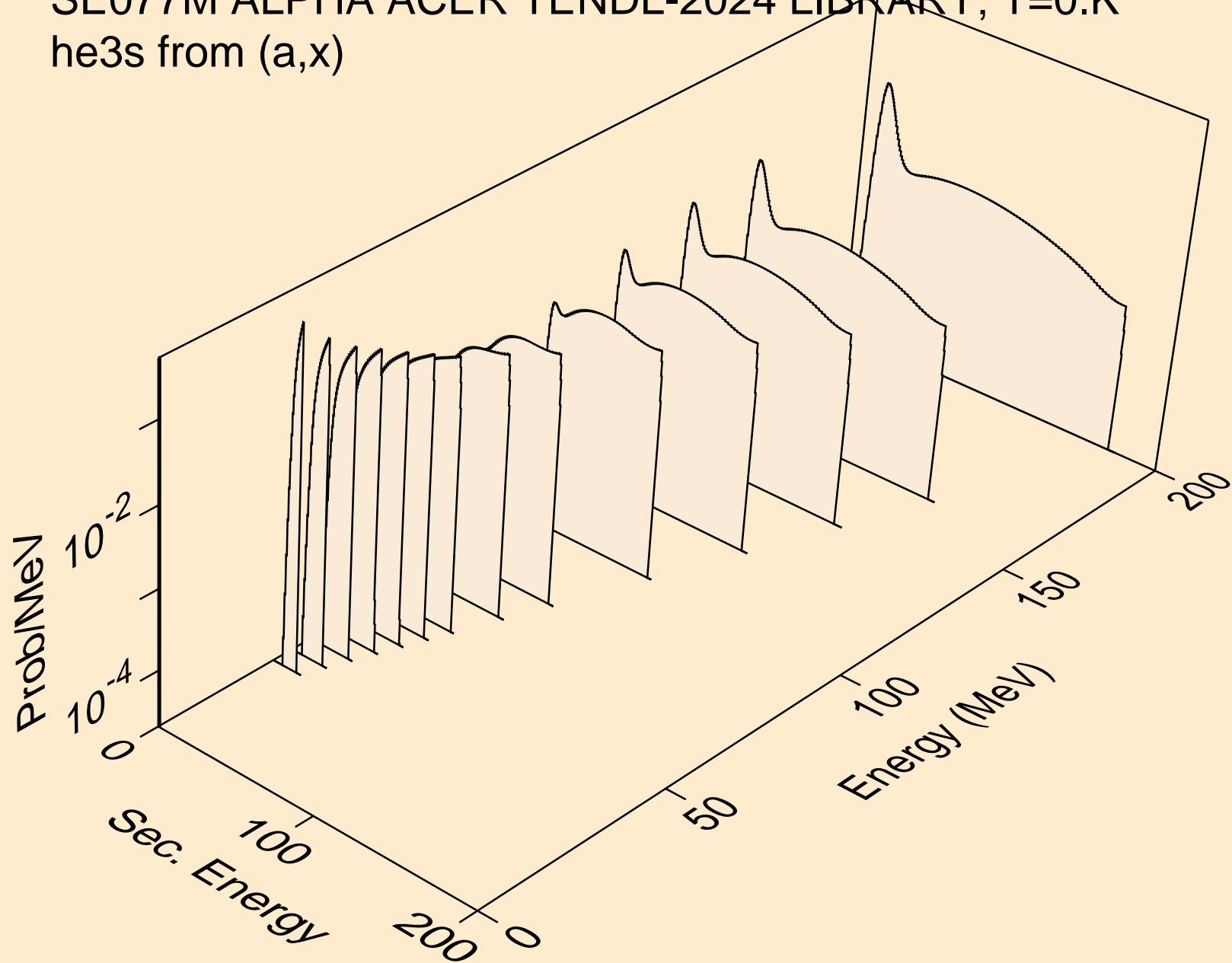
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



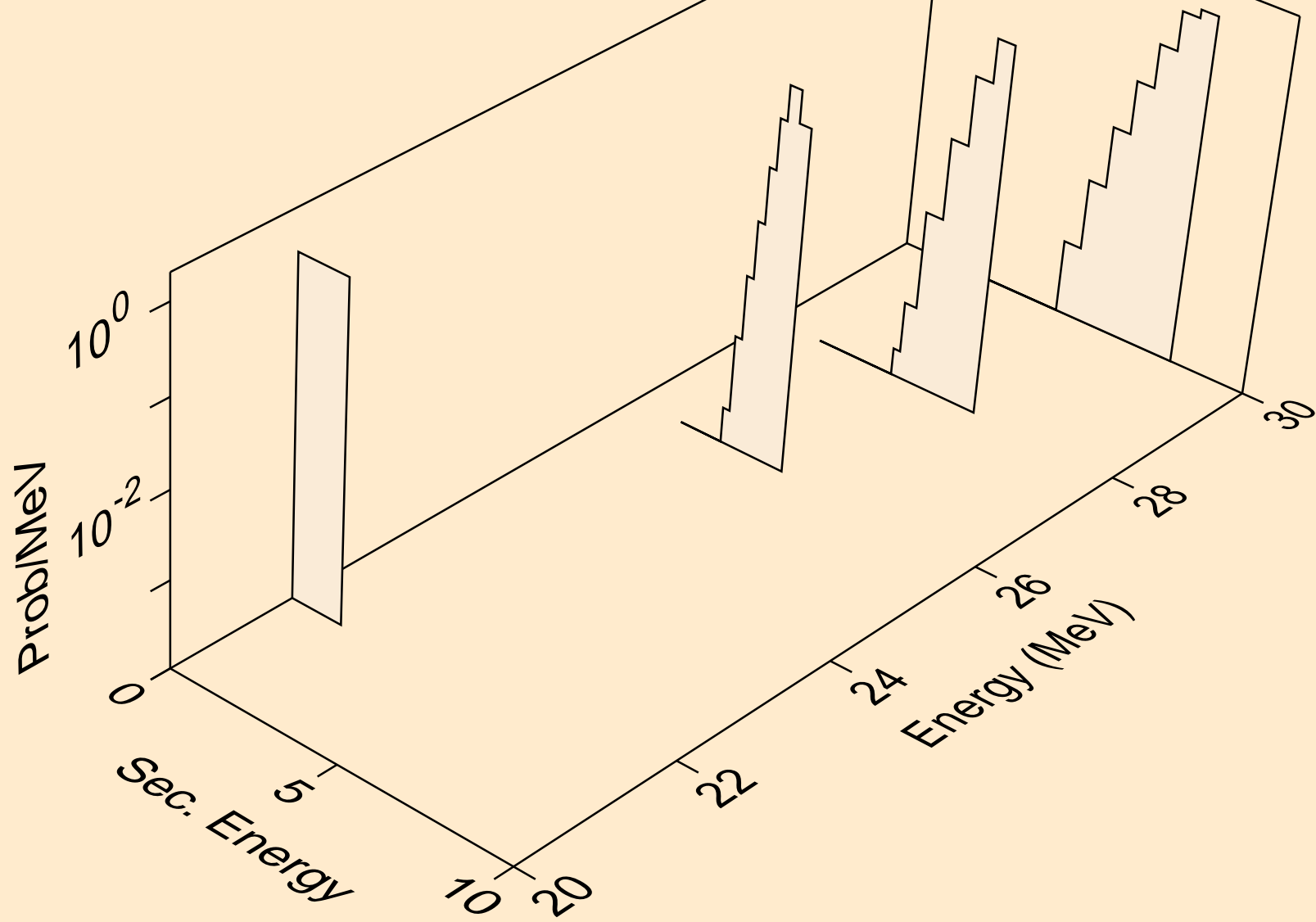
SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,pt)



SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,n\*)he3



SE077M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

