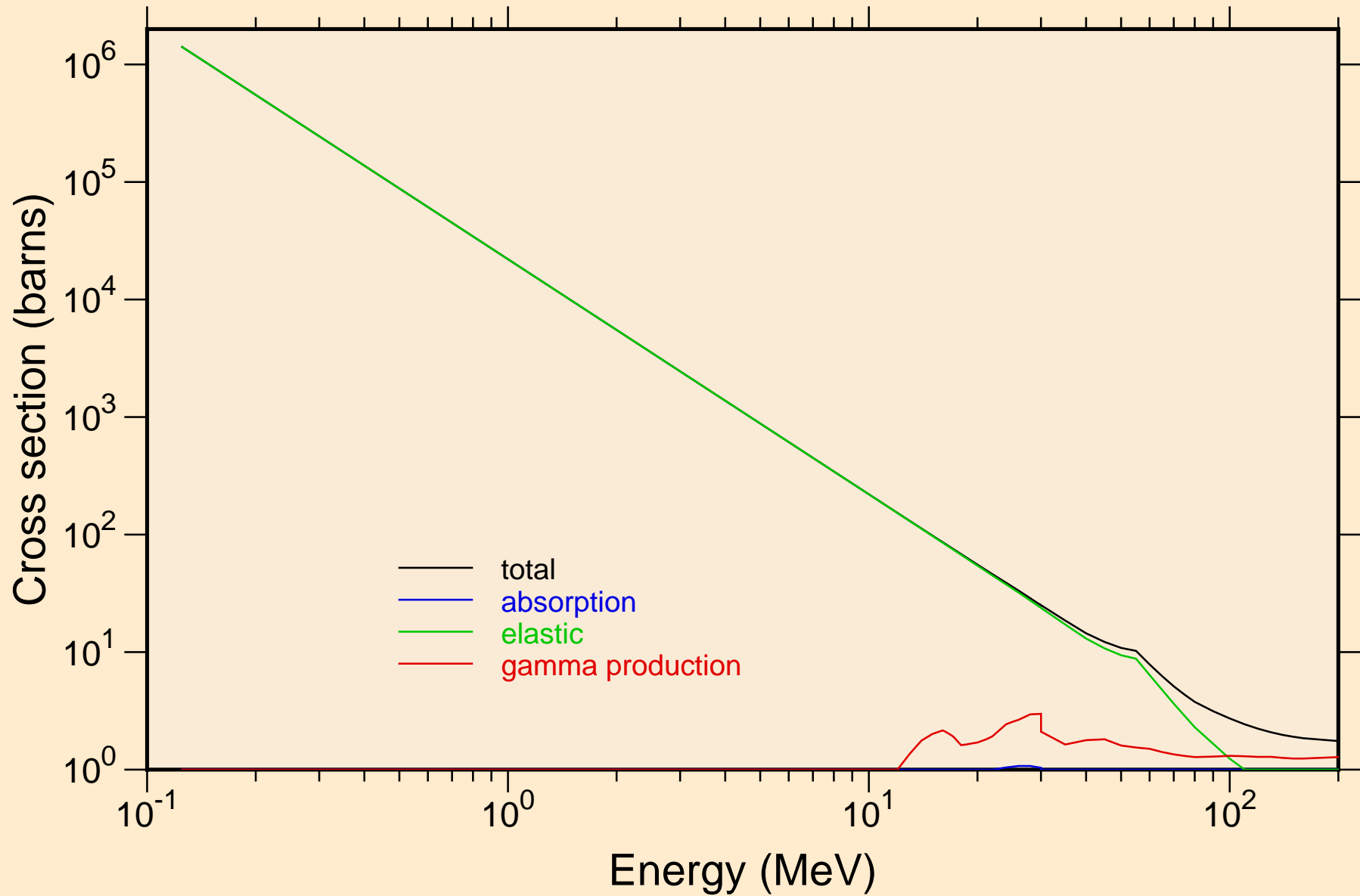
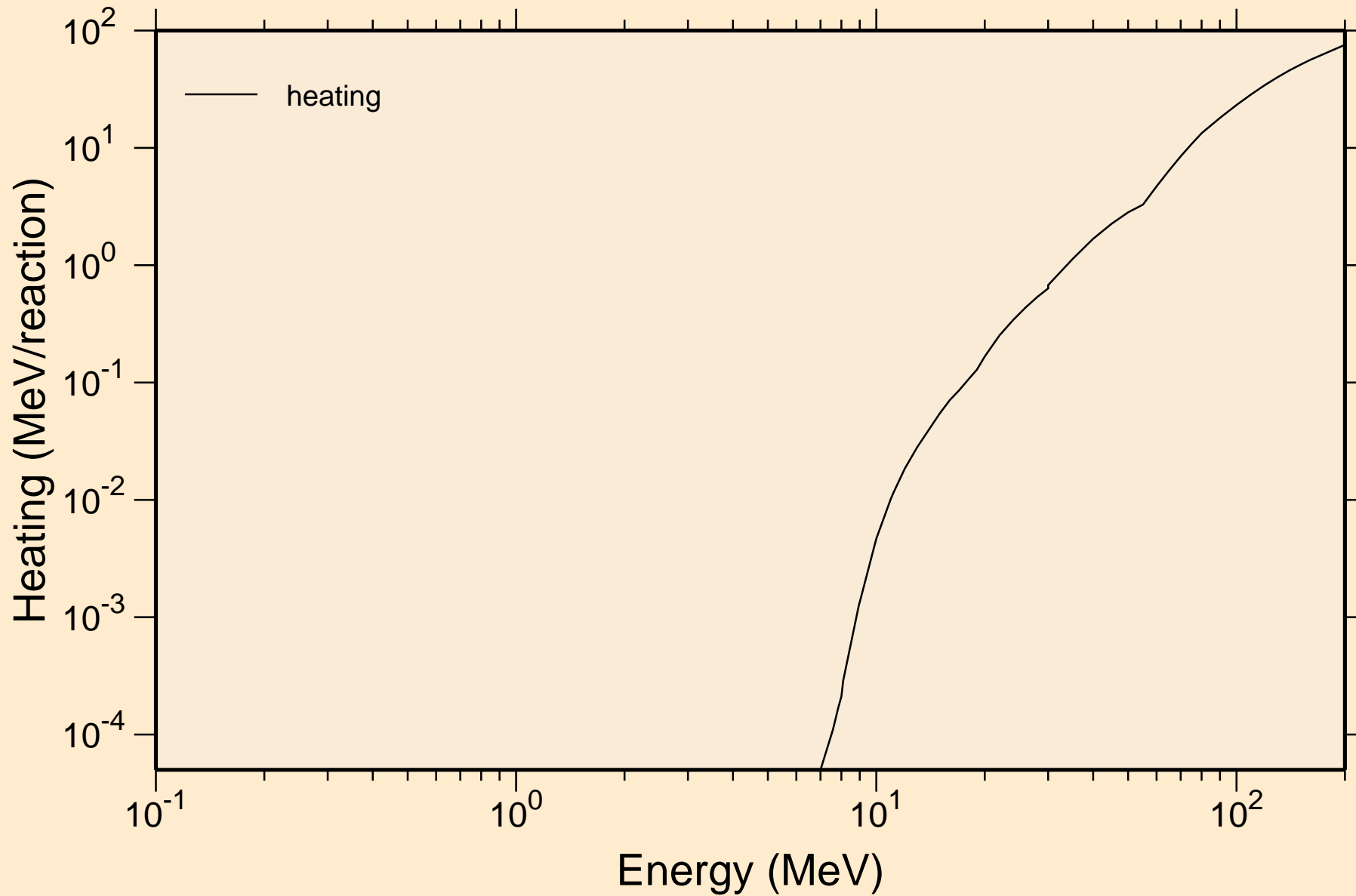


NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



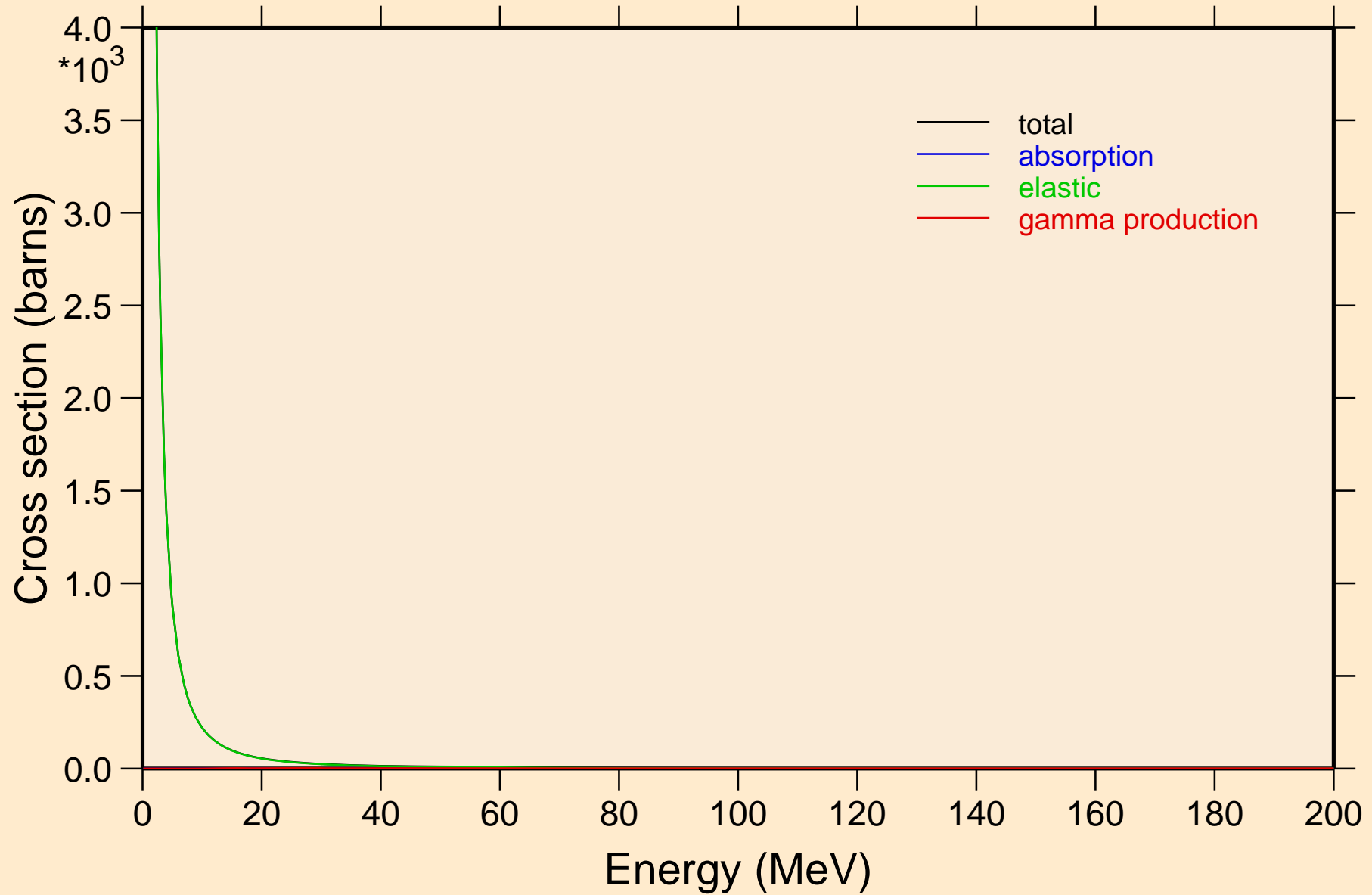
# NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



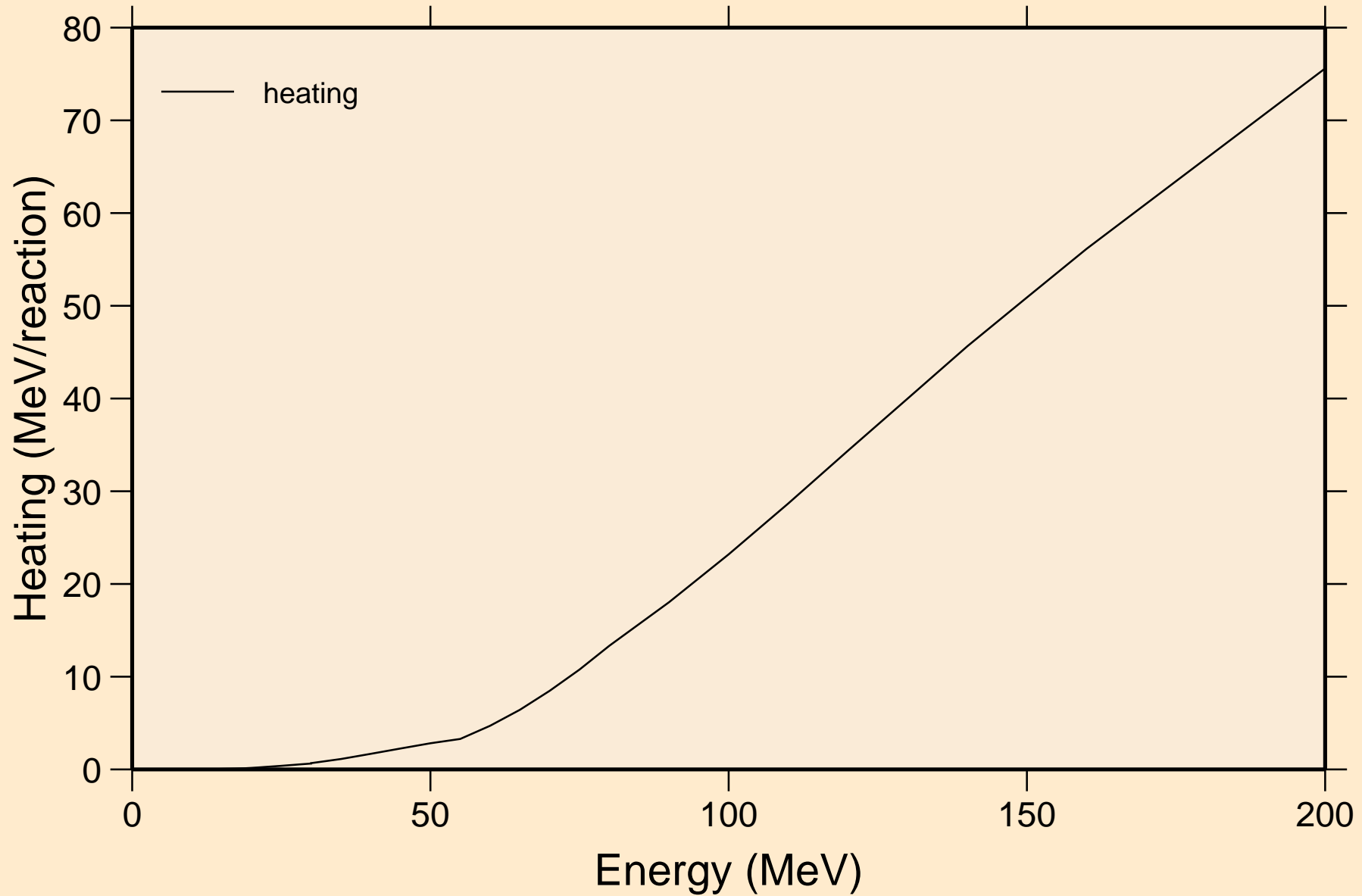
# NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

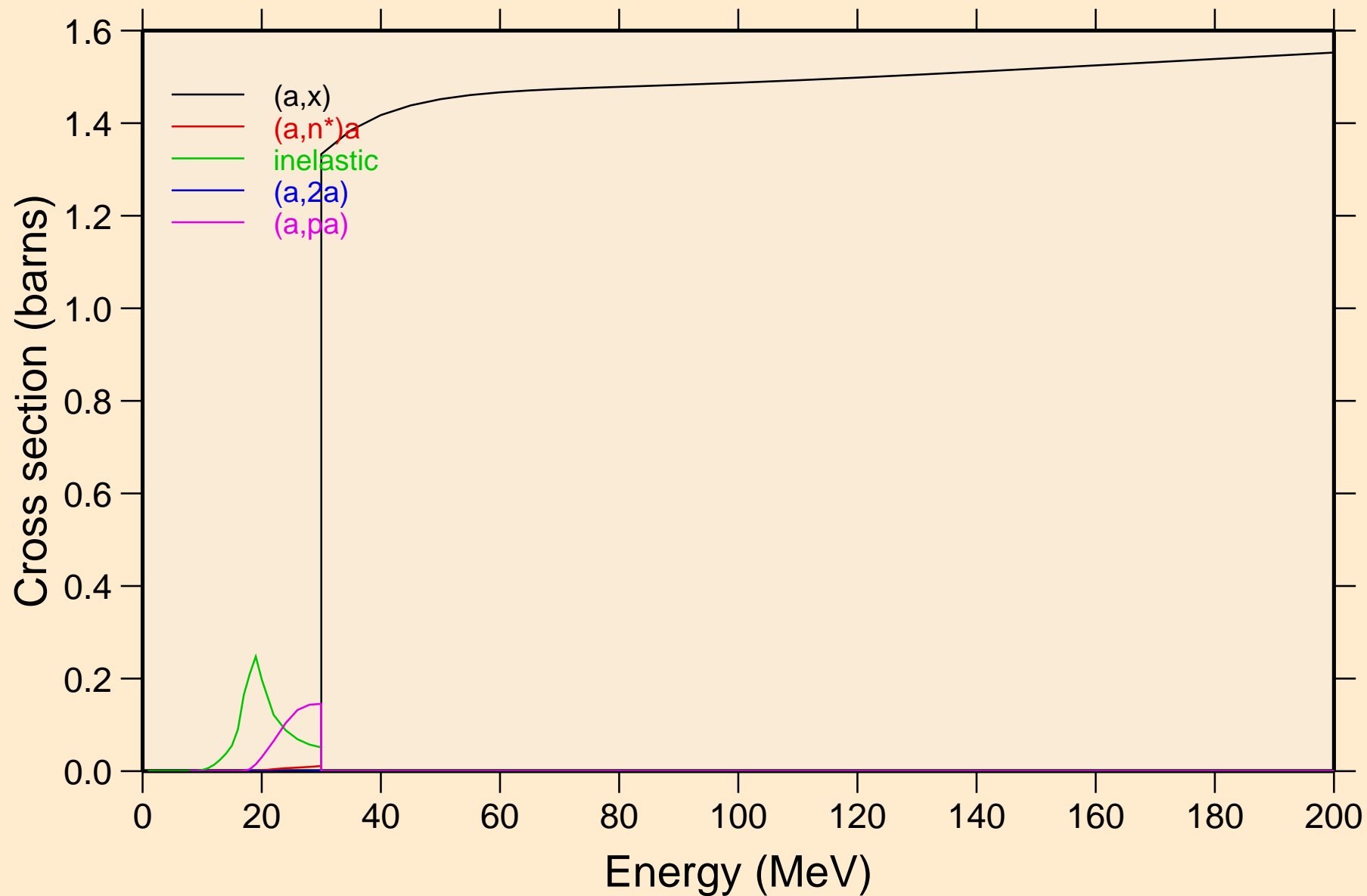


NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

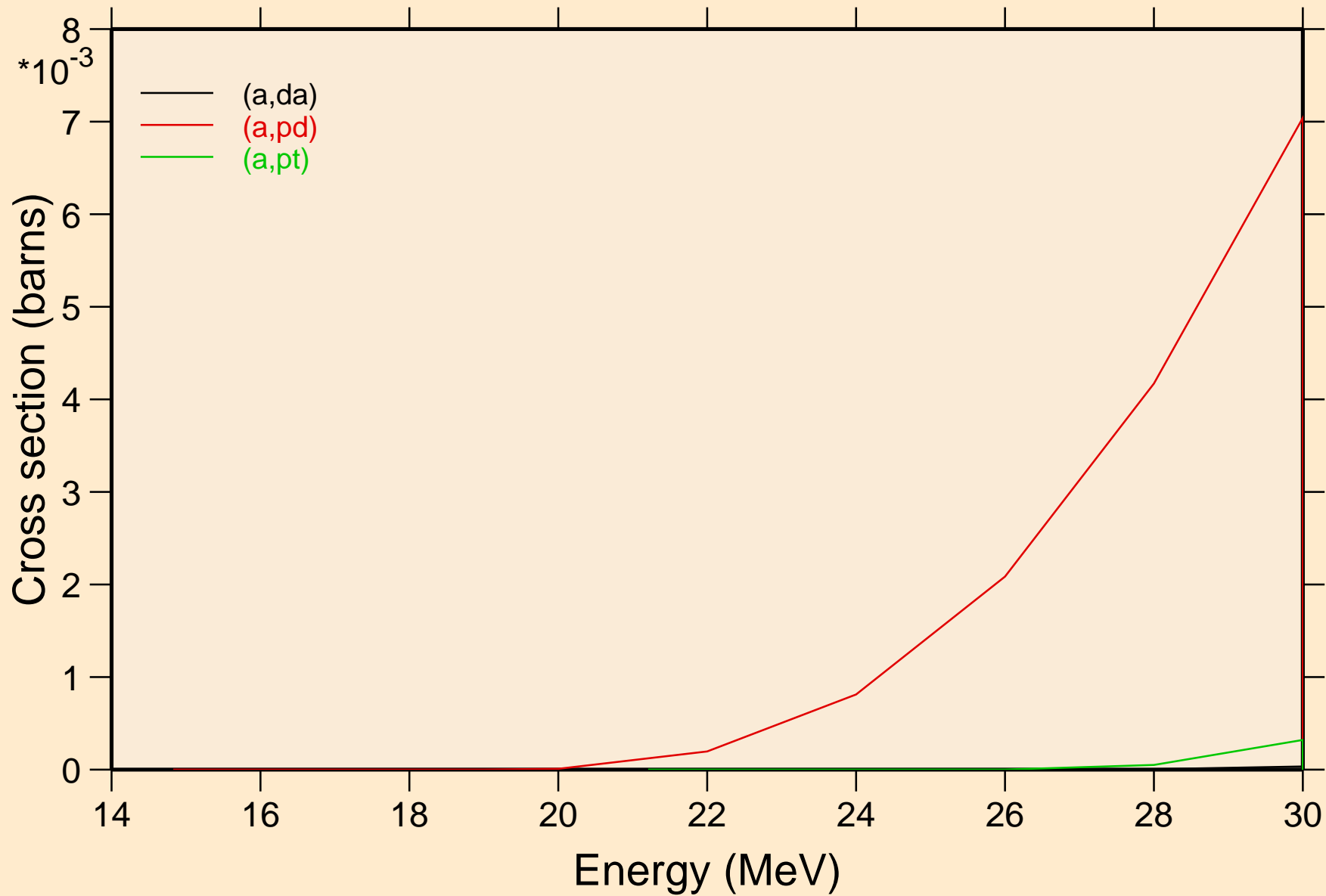
Heating



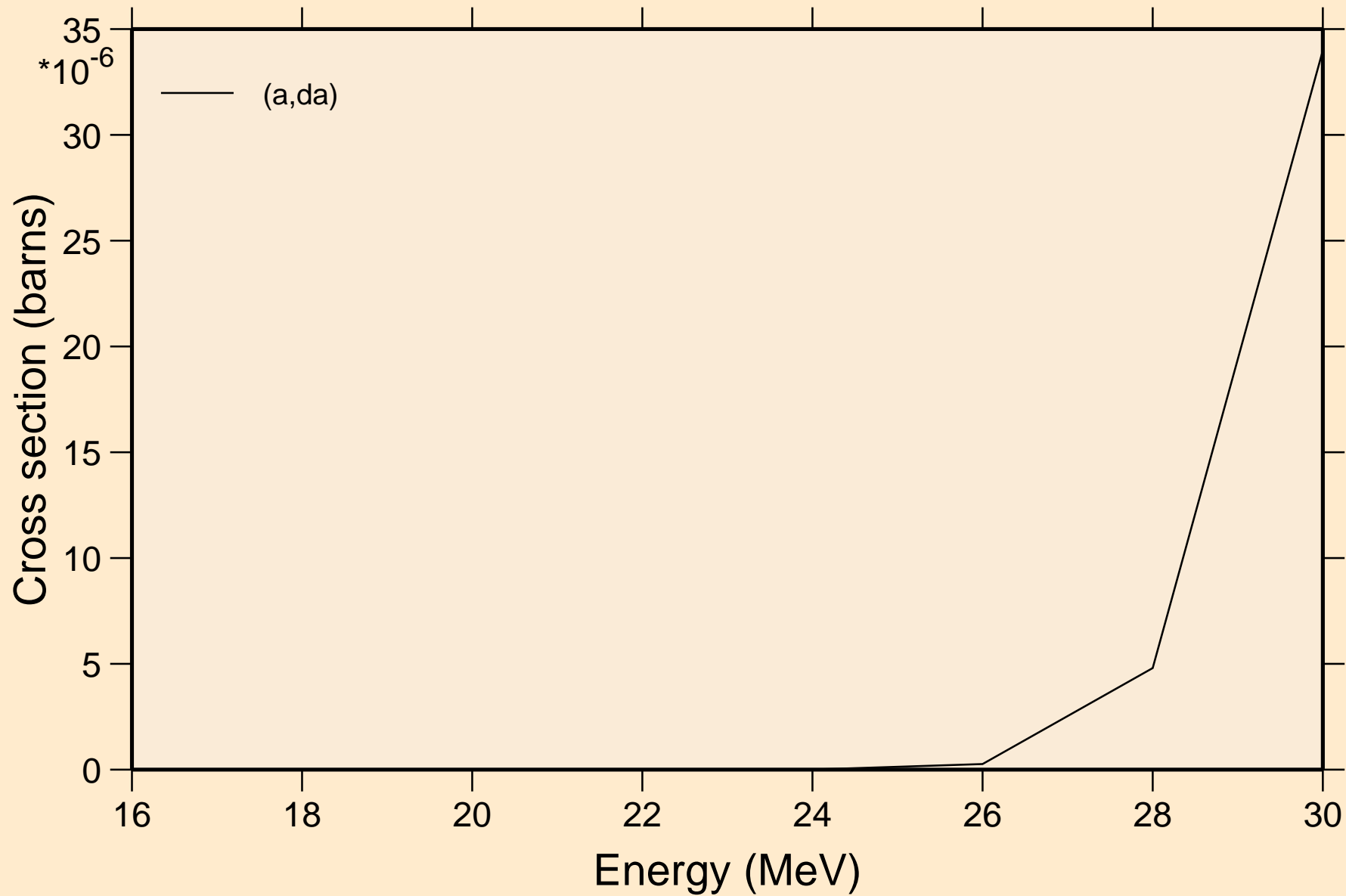
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



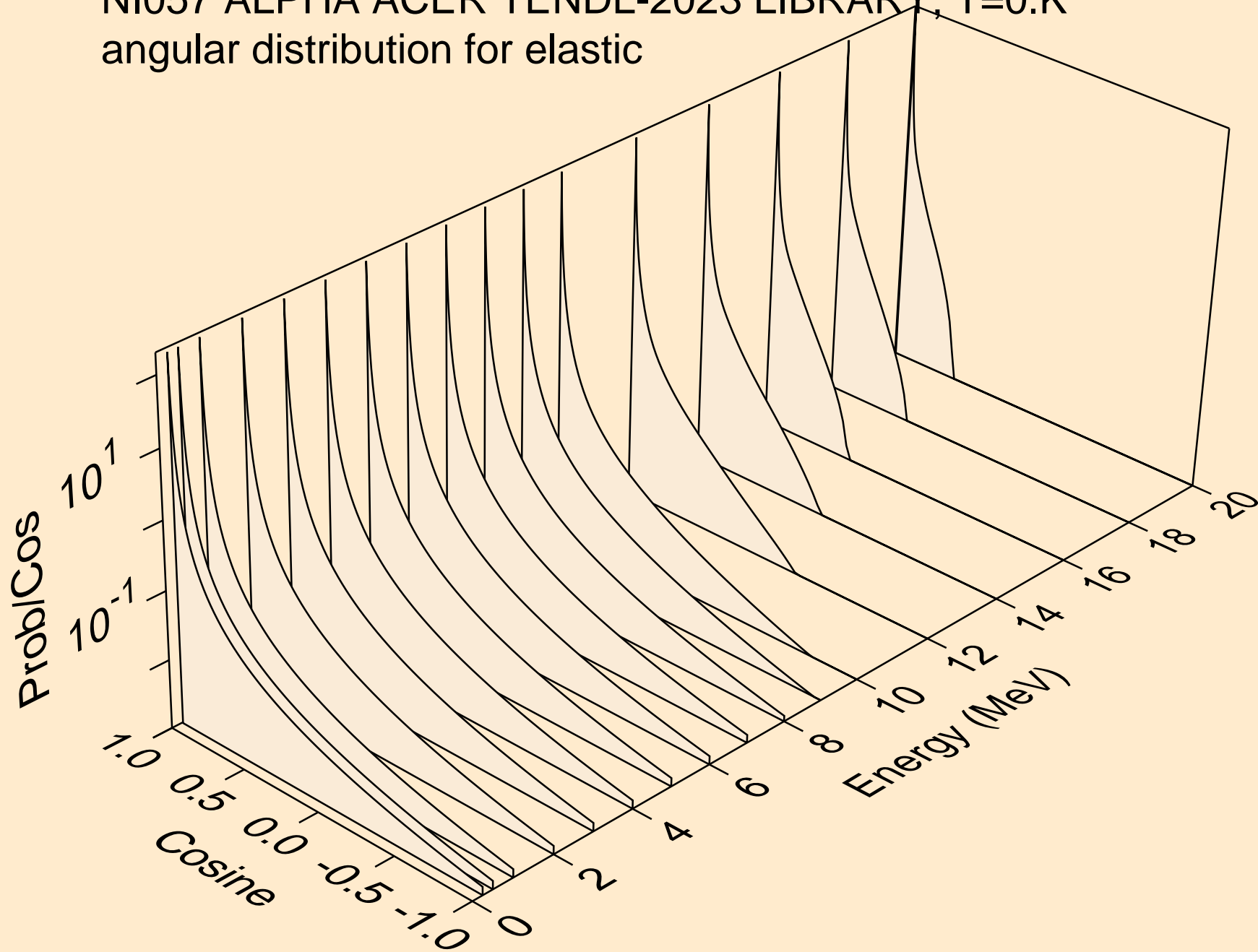
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



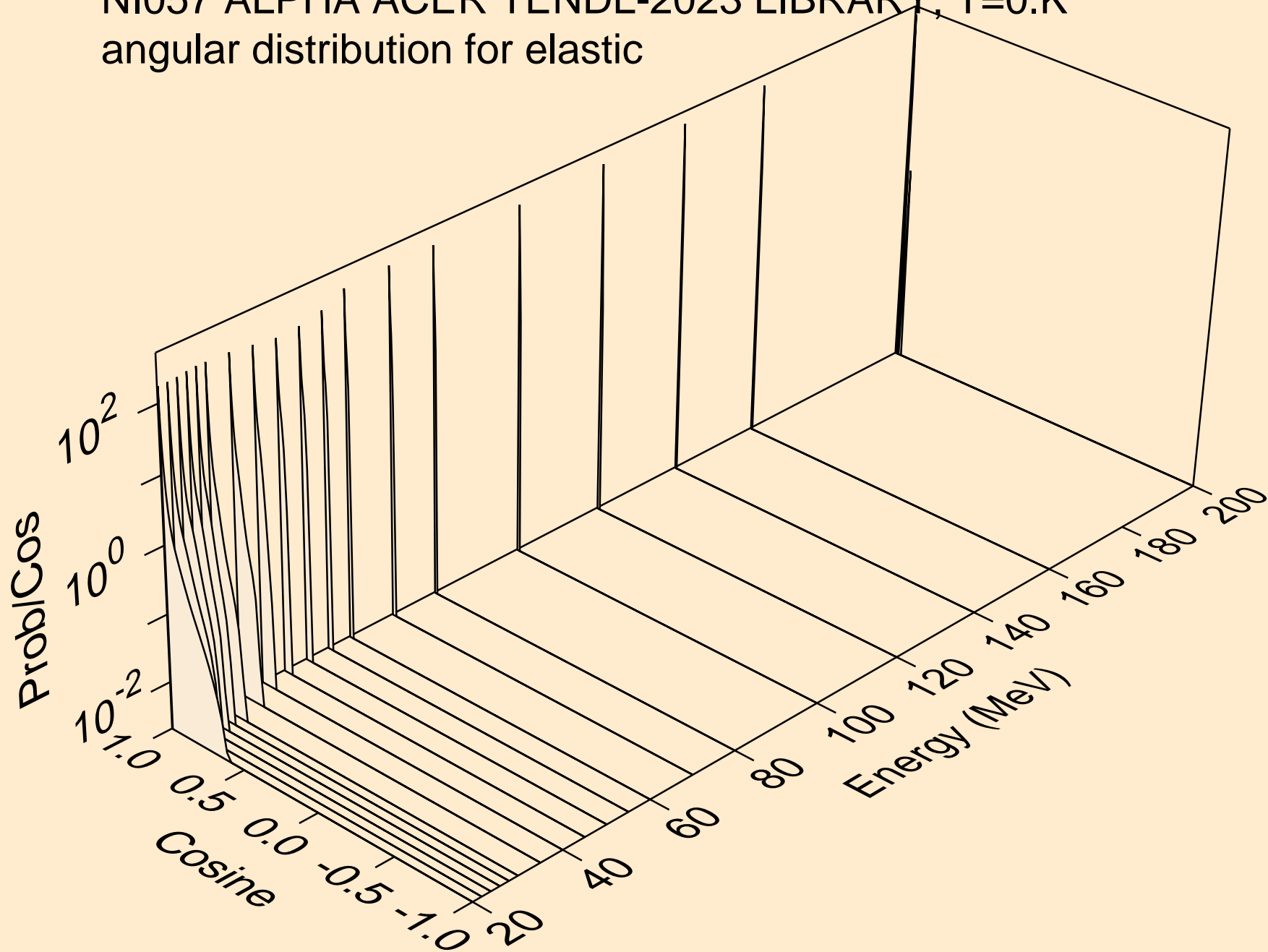
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



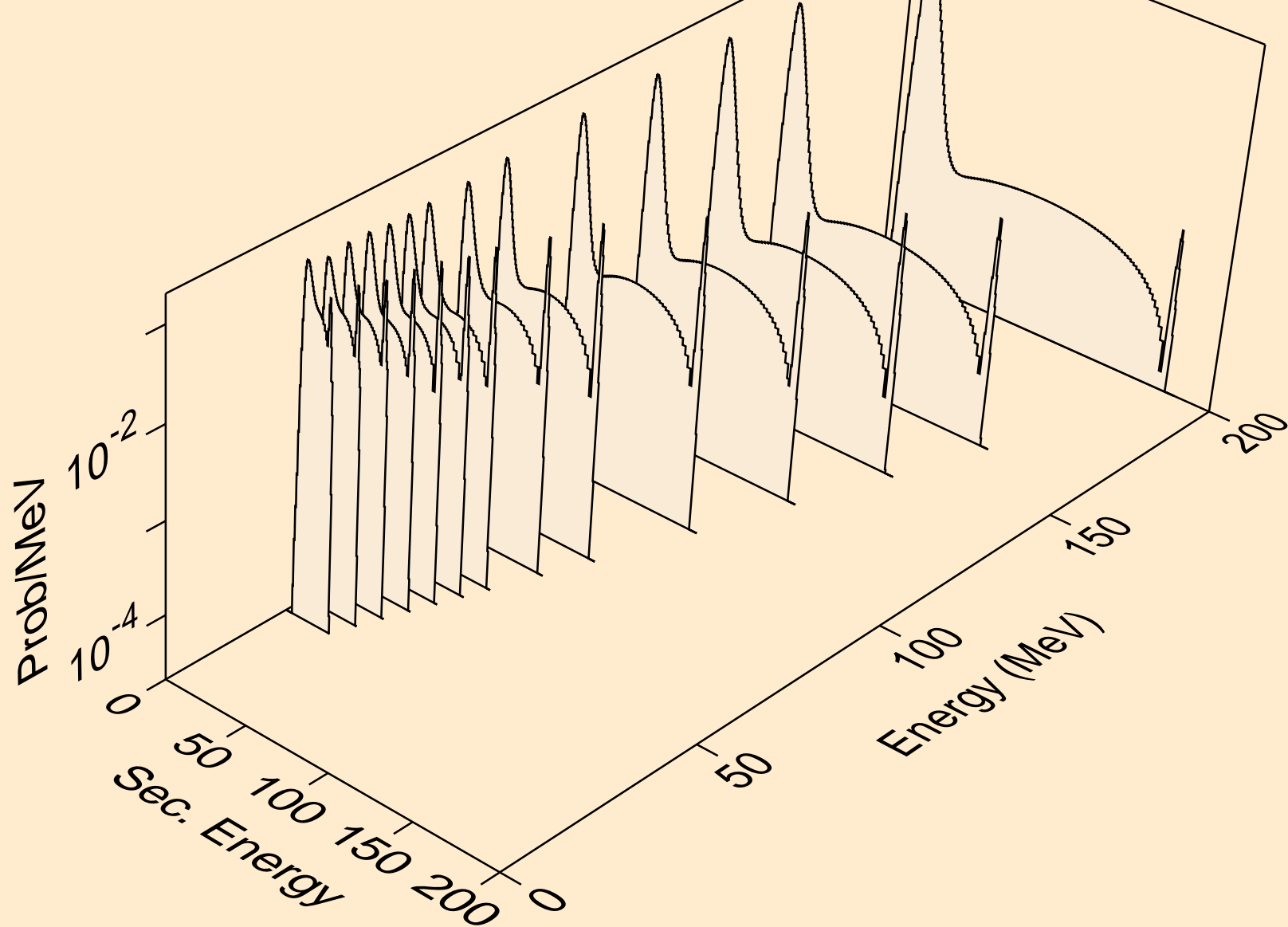
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



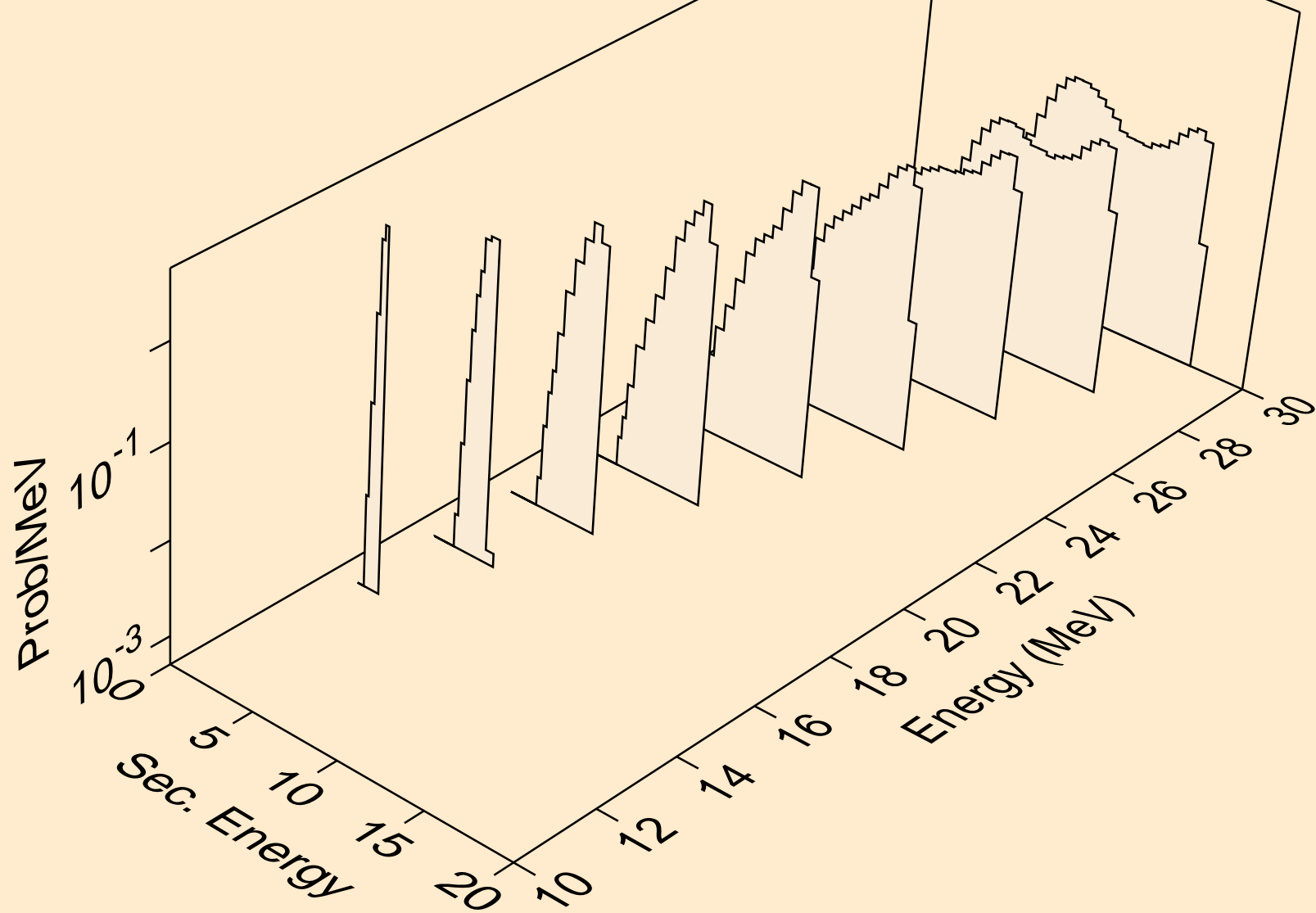
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



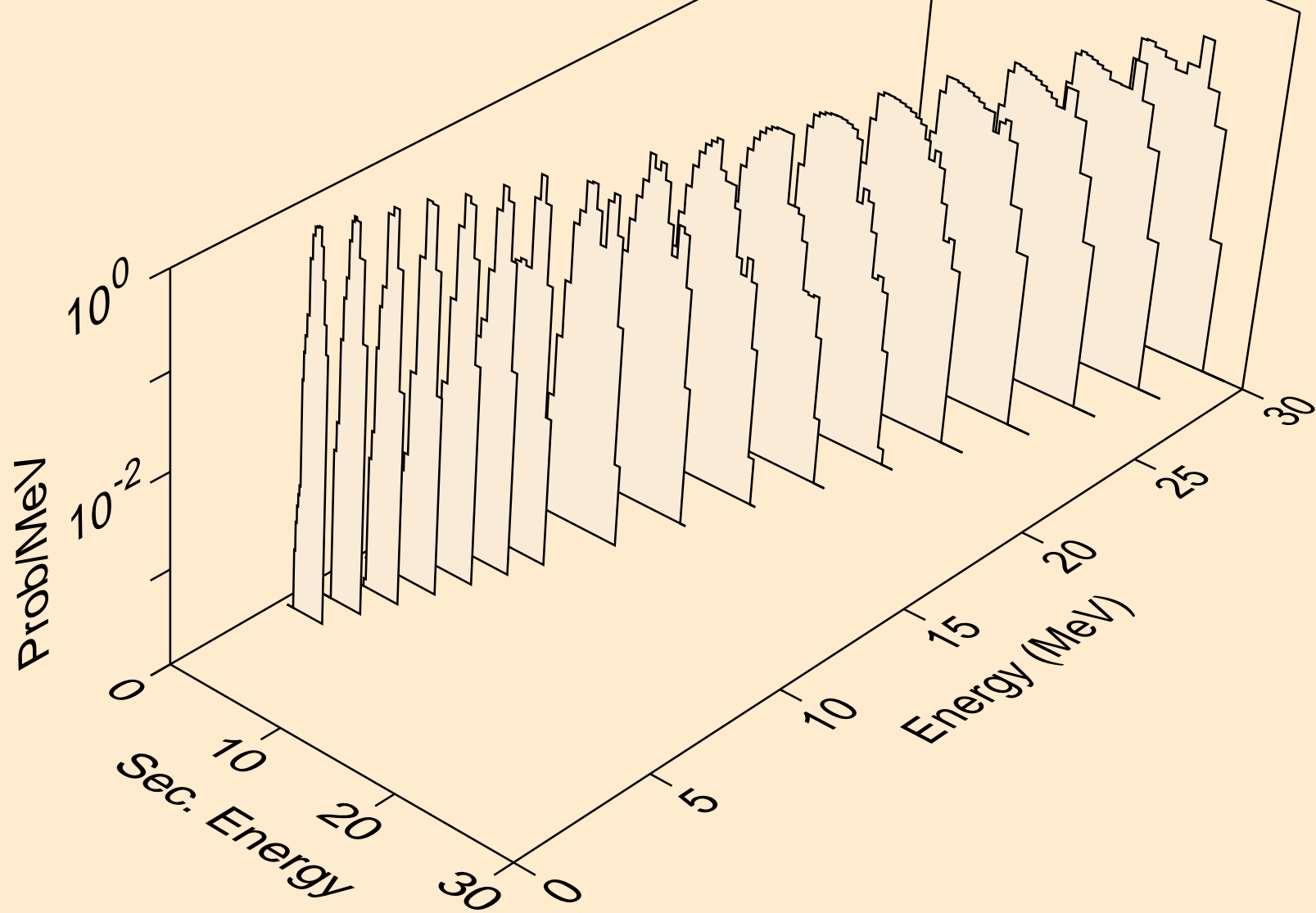
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



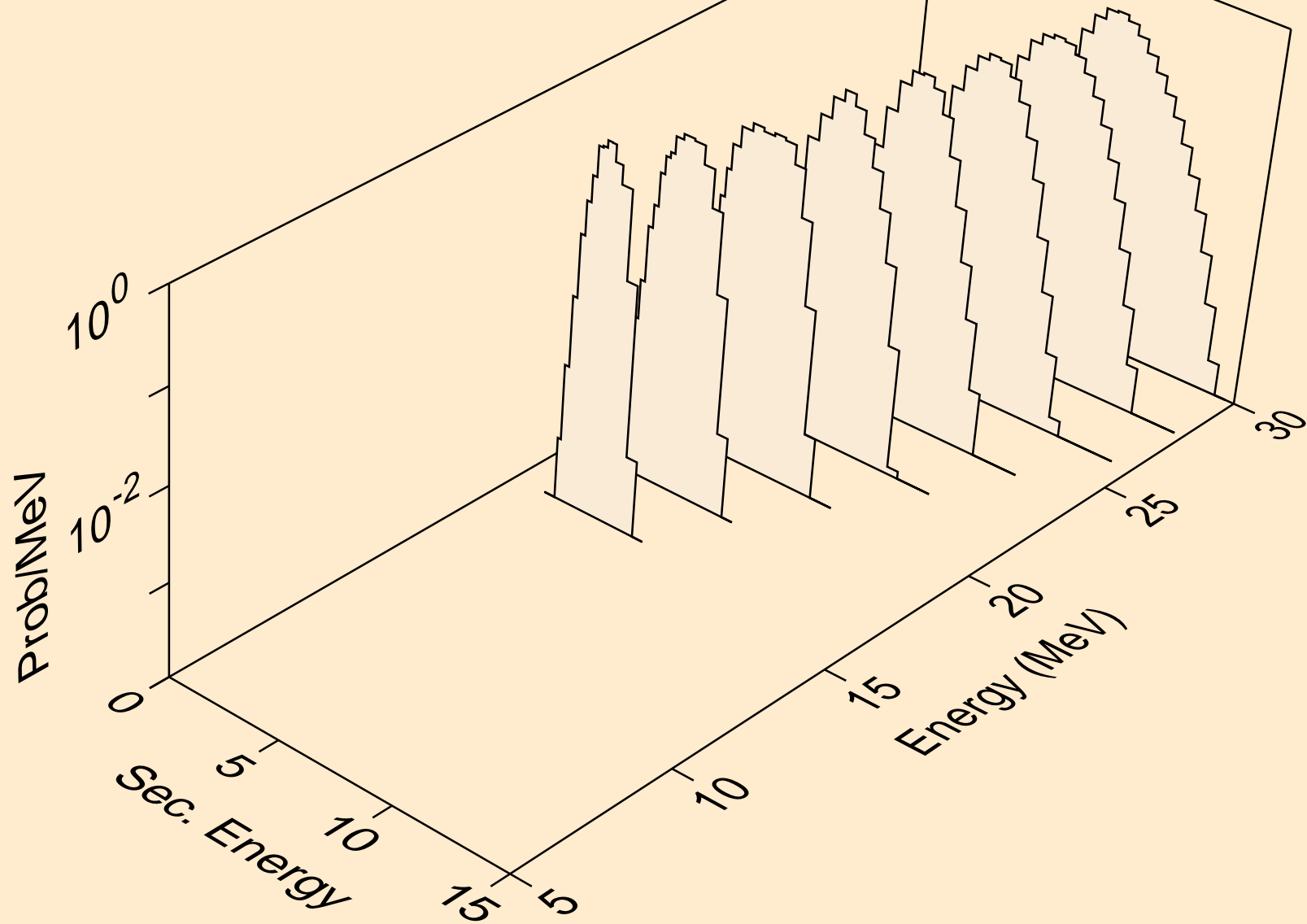
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



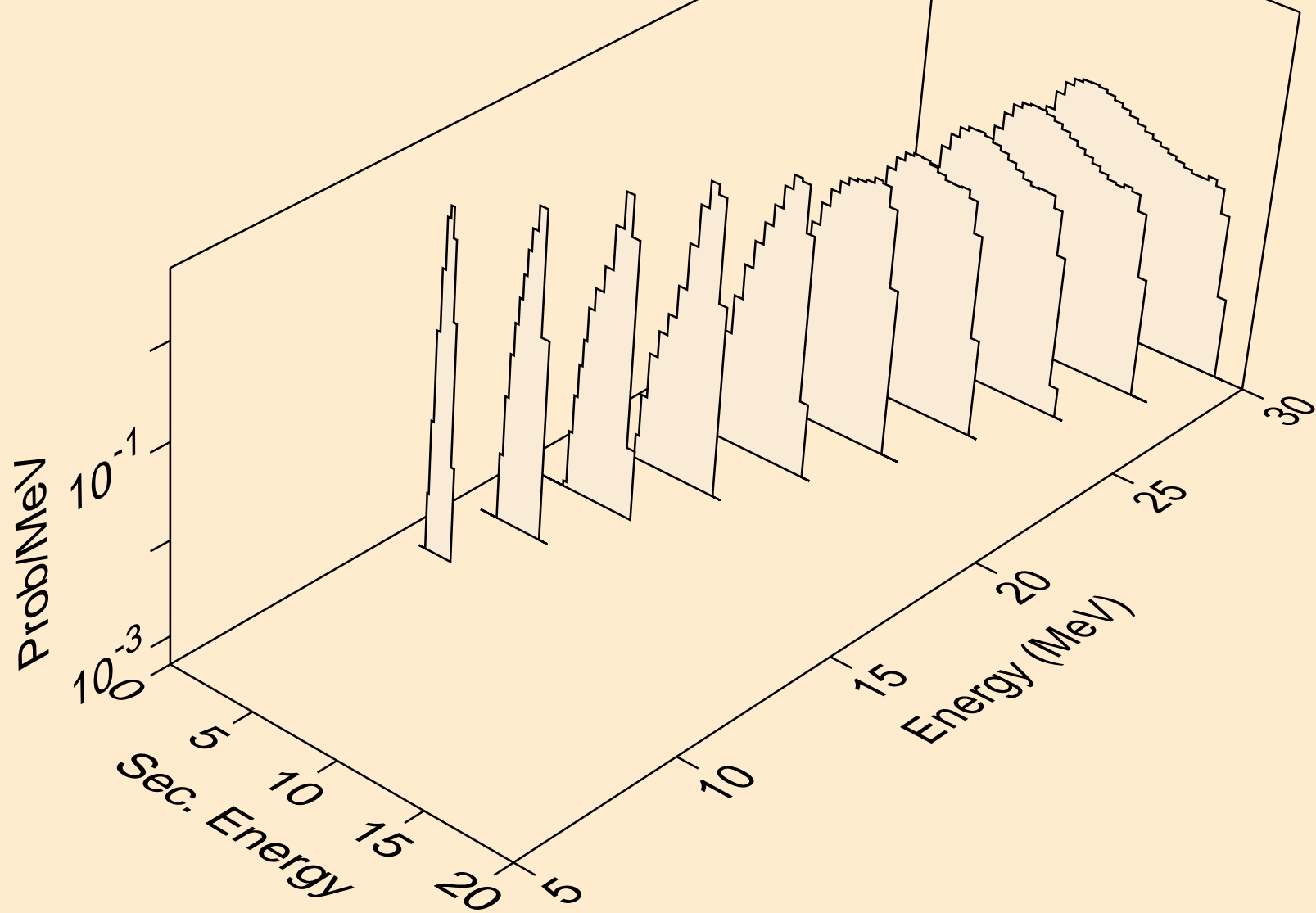
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



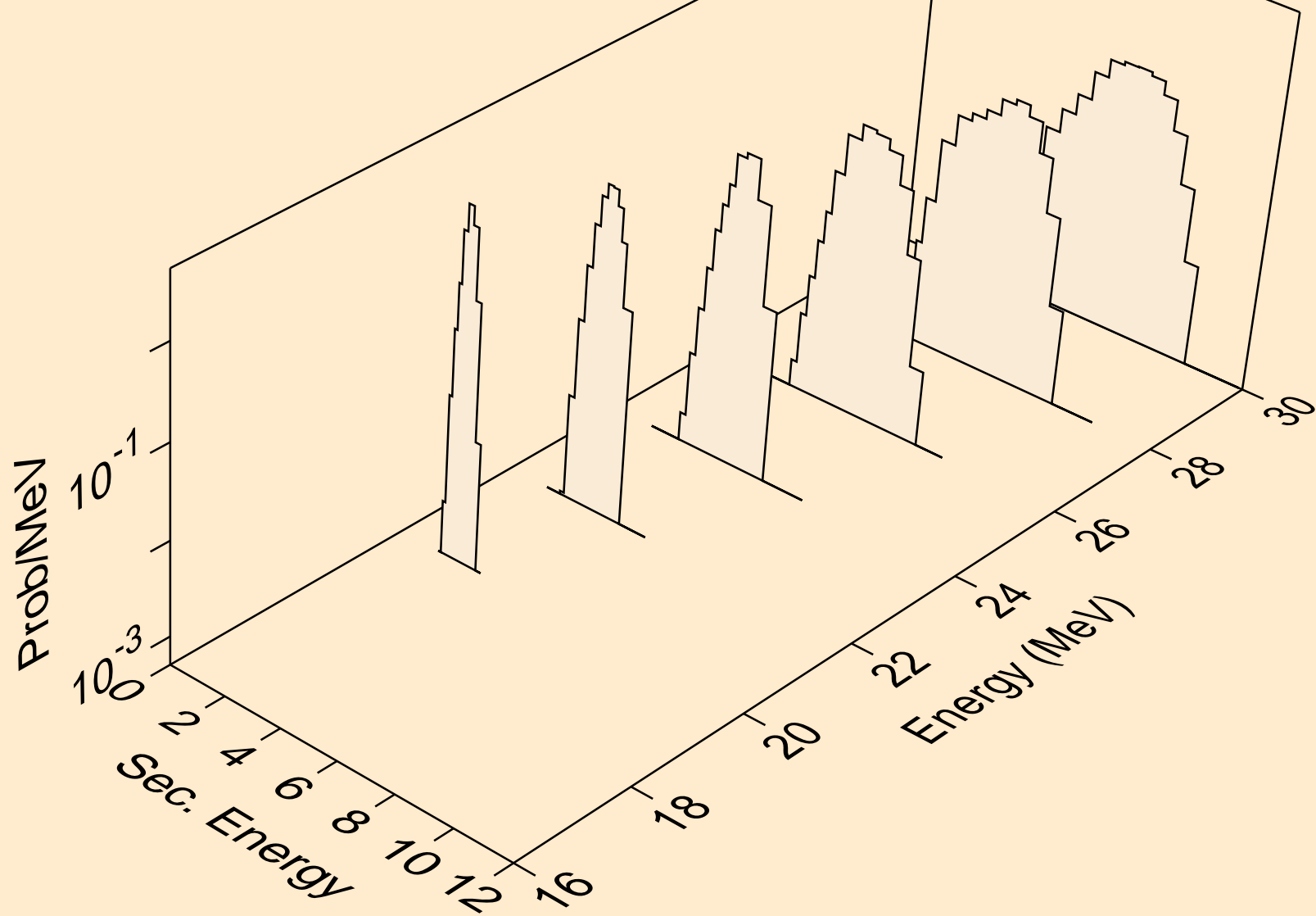
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



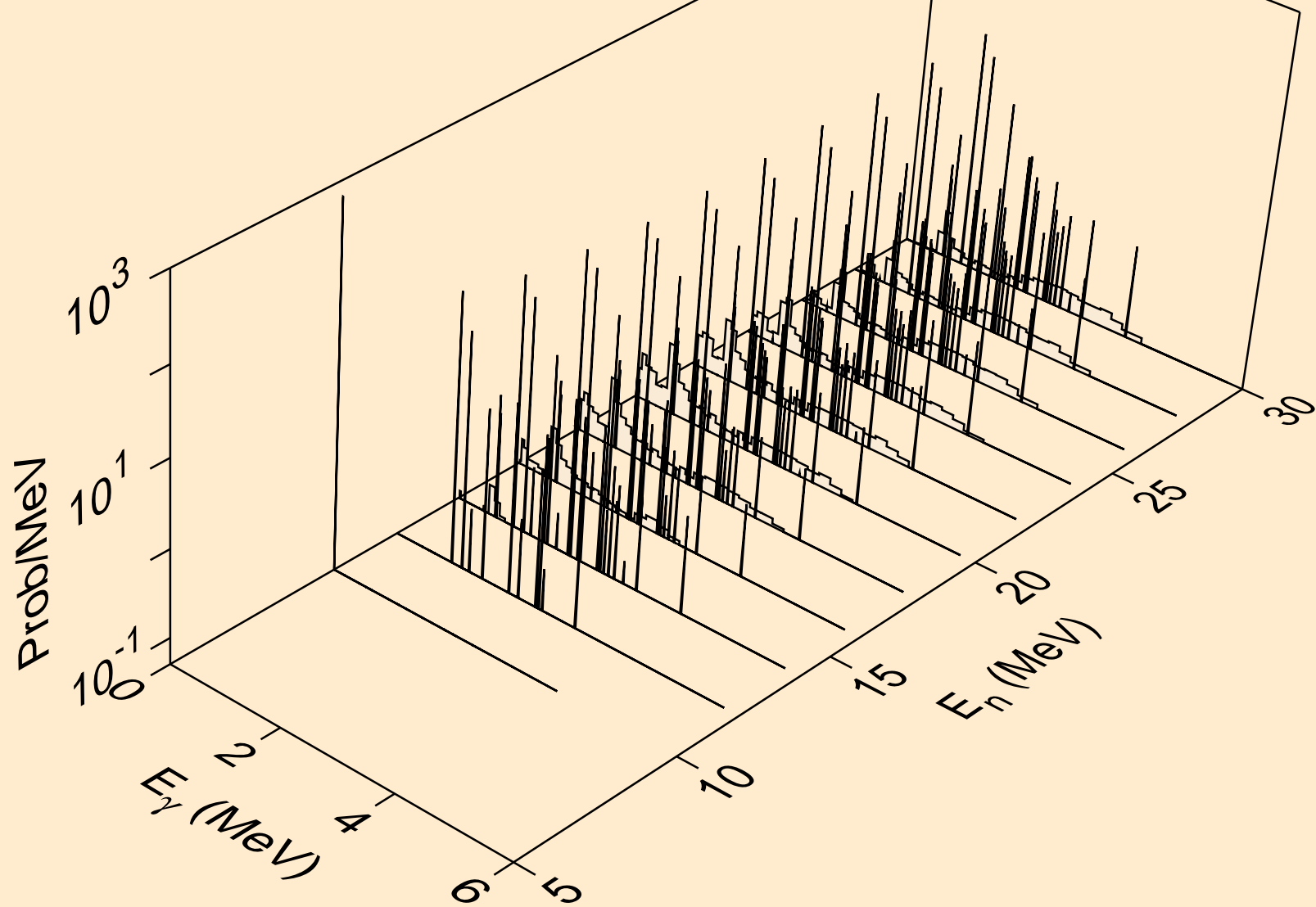
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



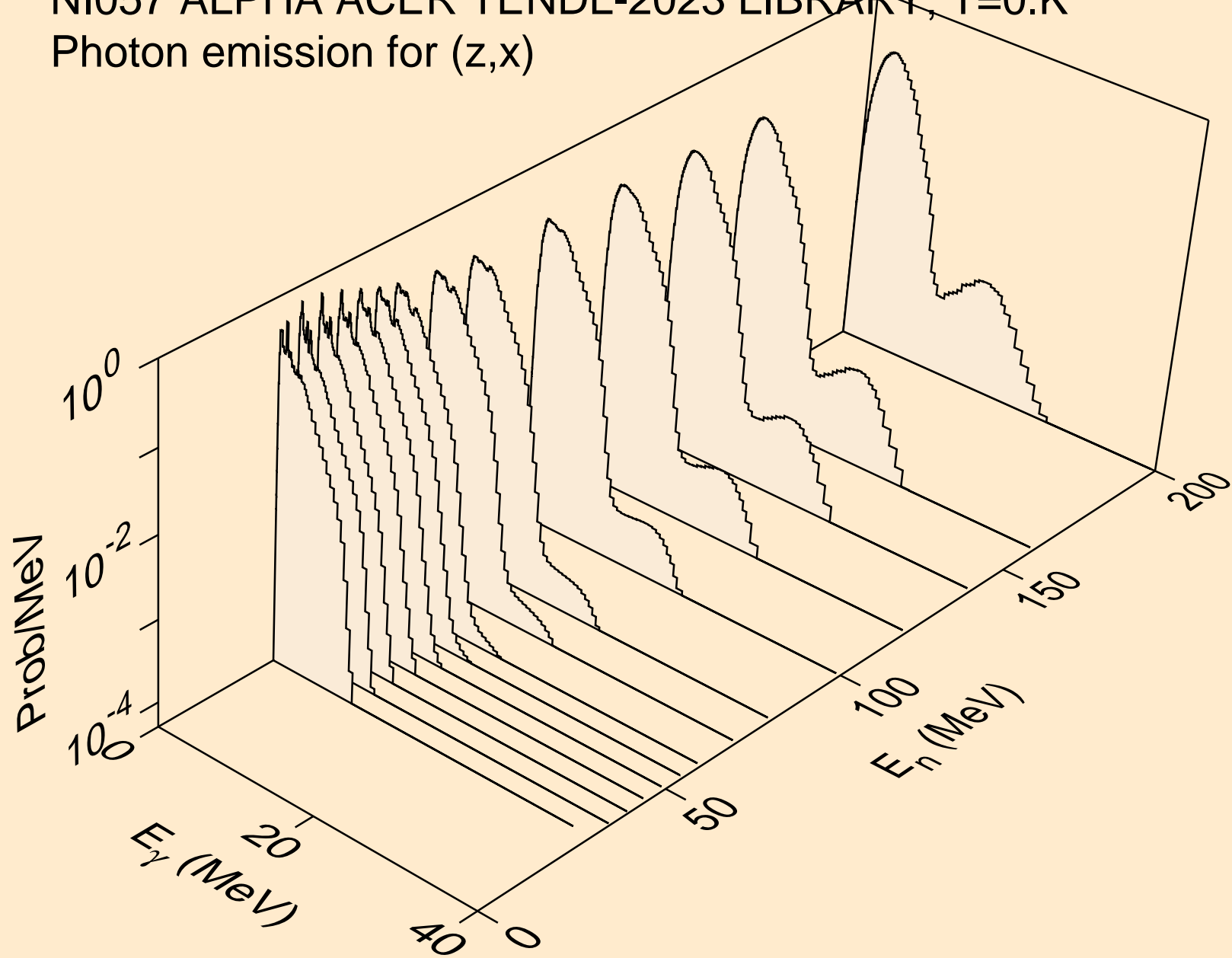
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)



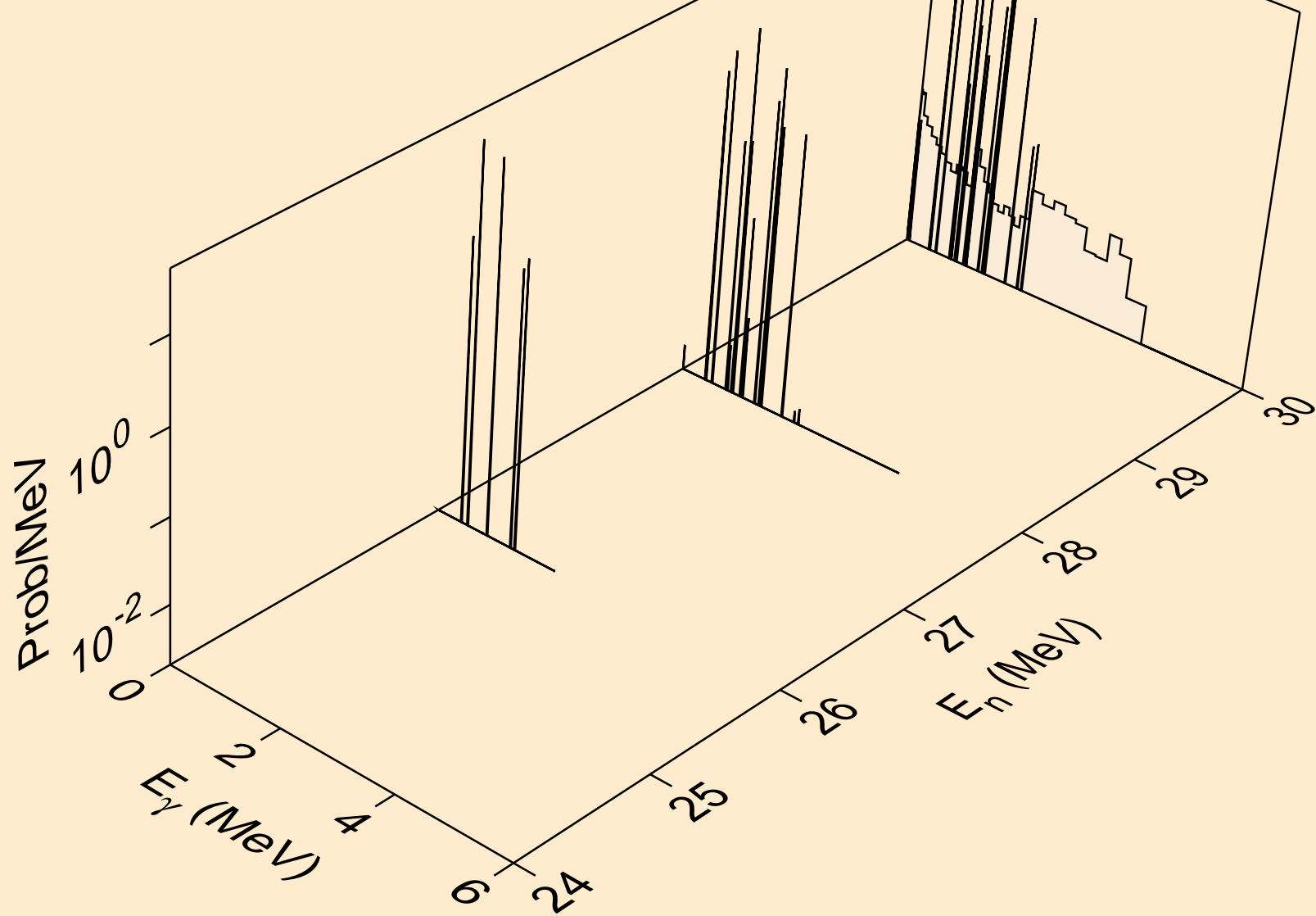
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



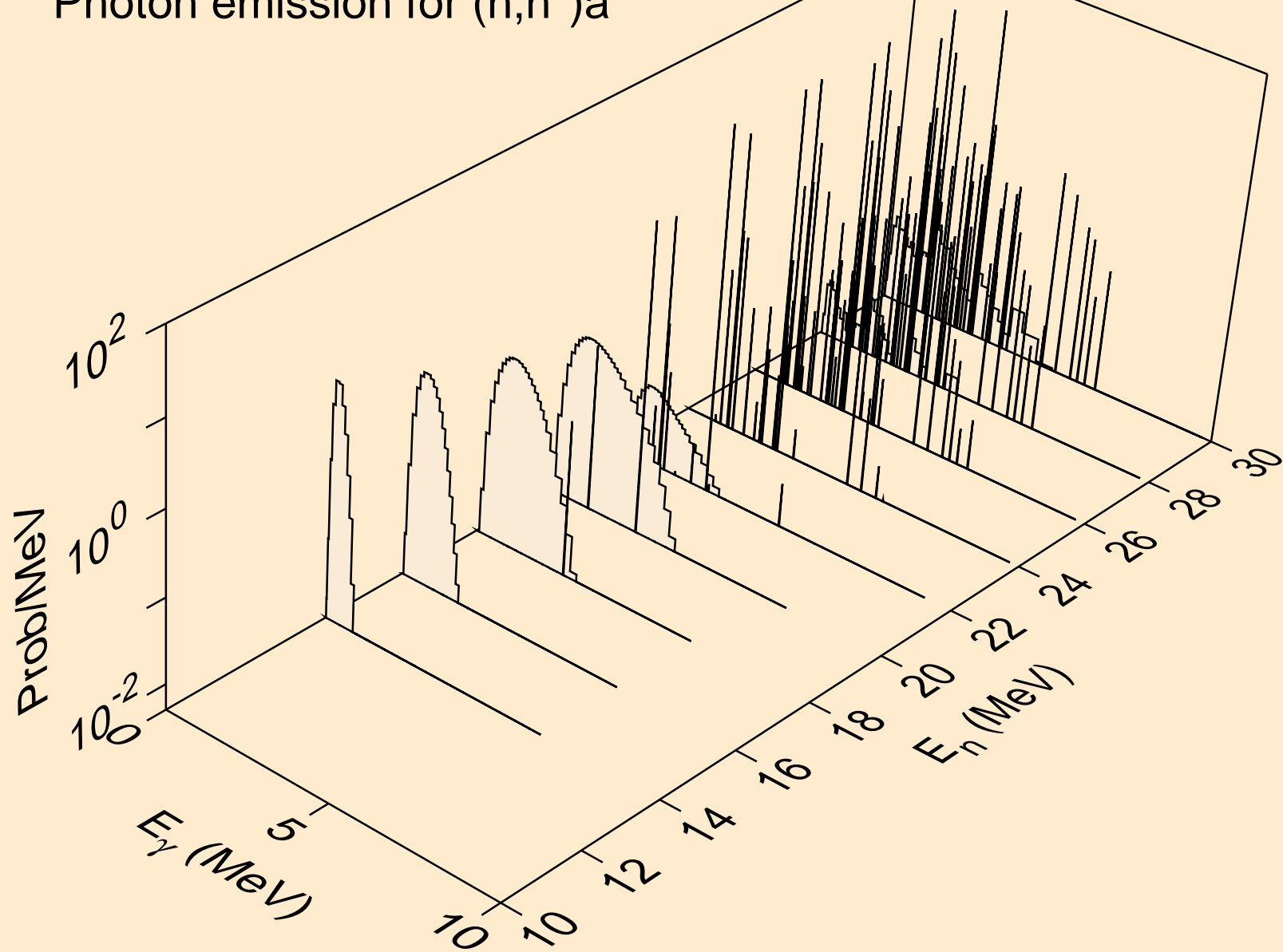
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



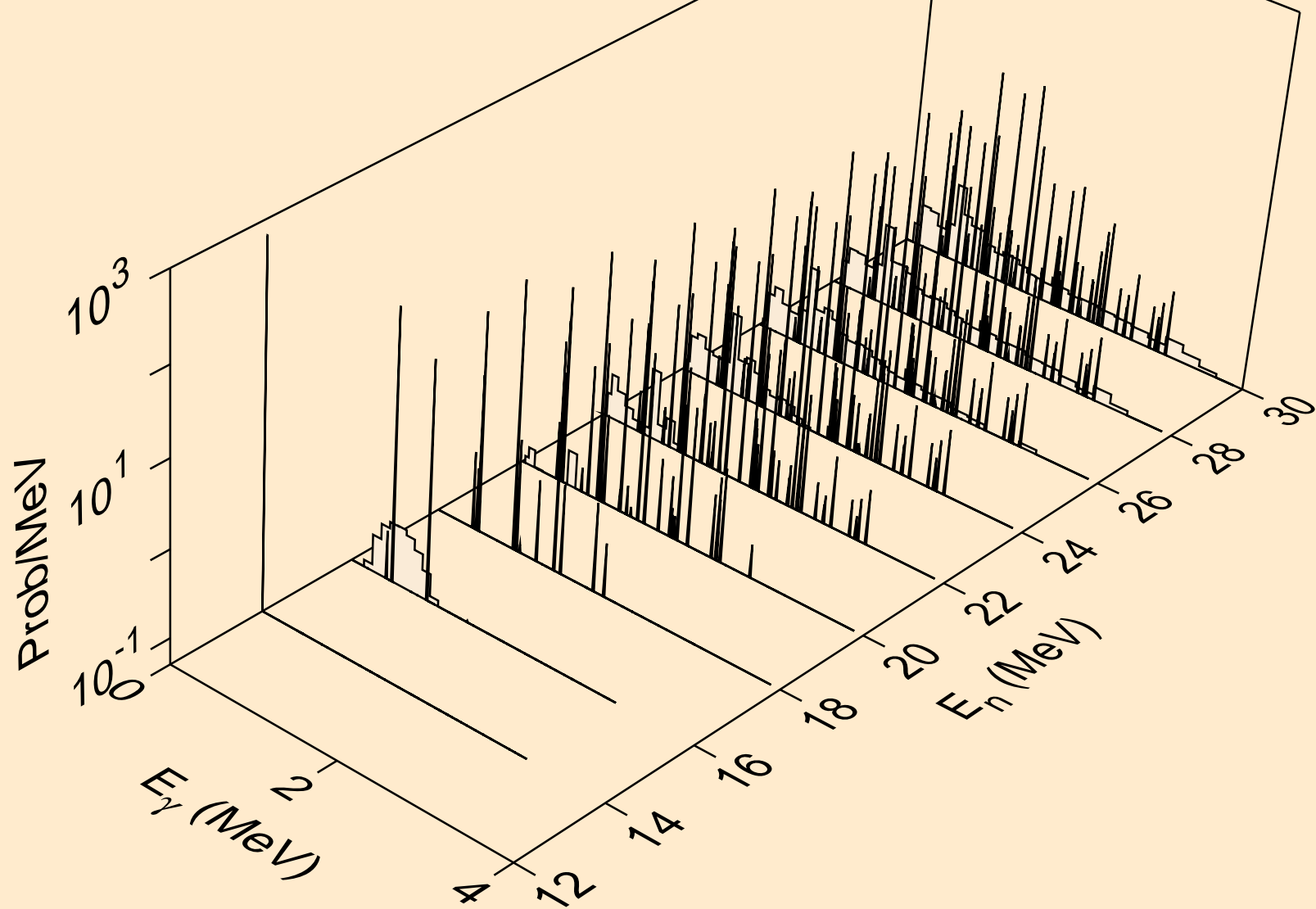
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



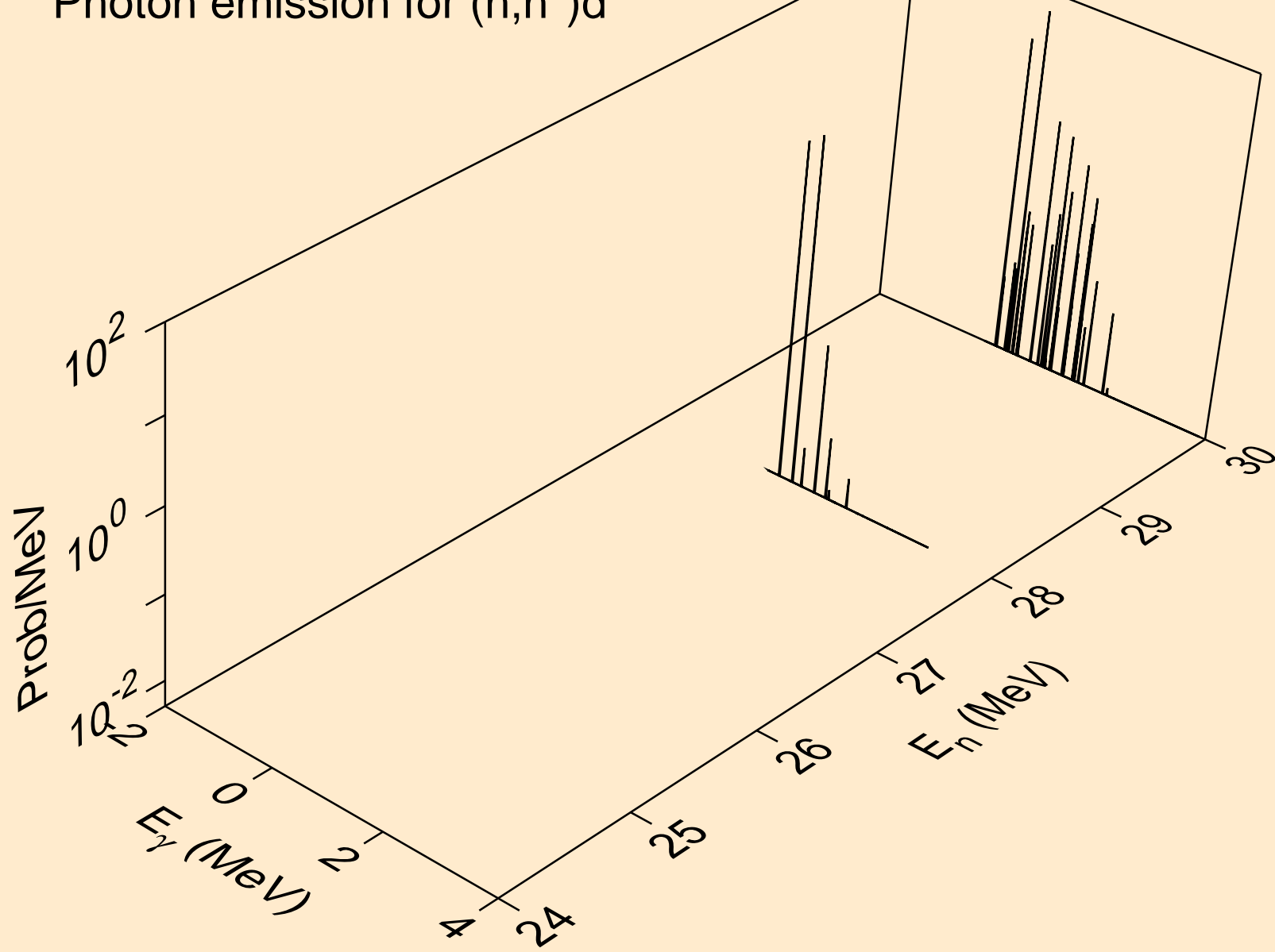
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



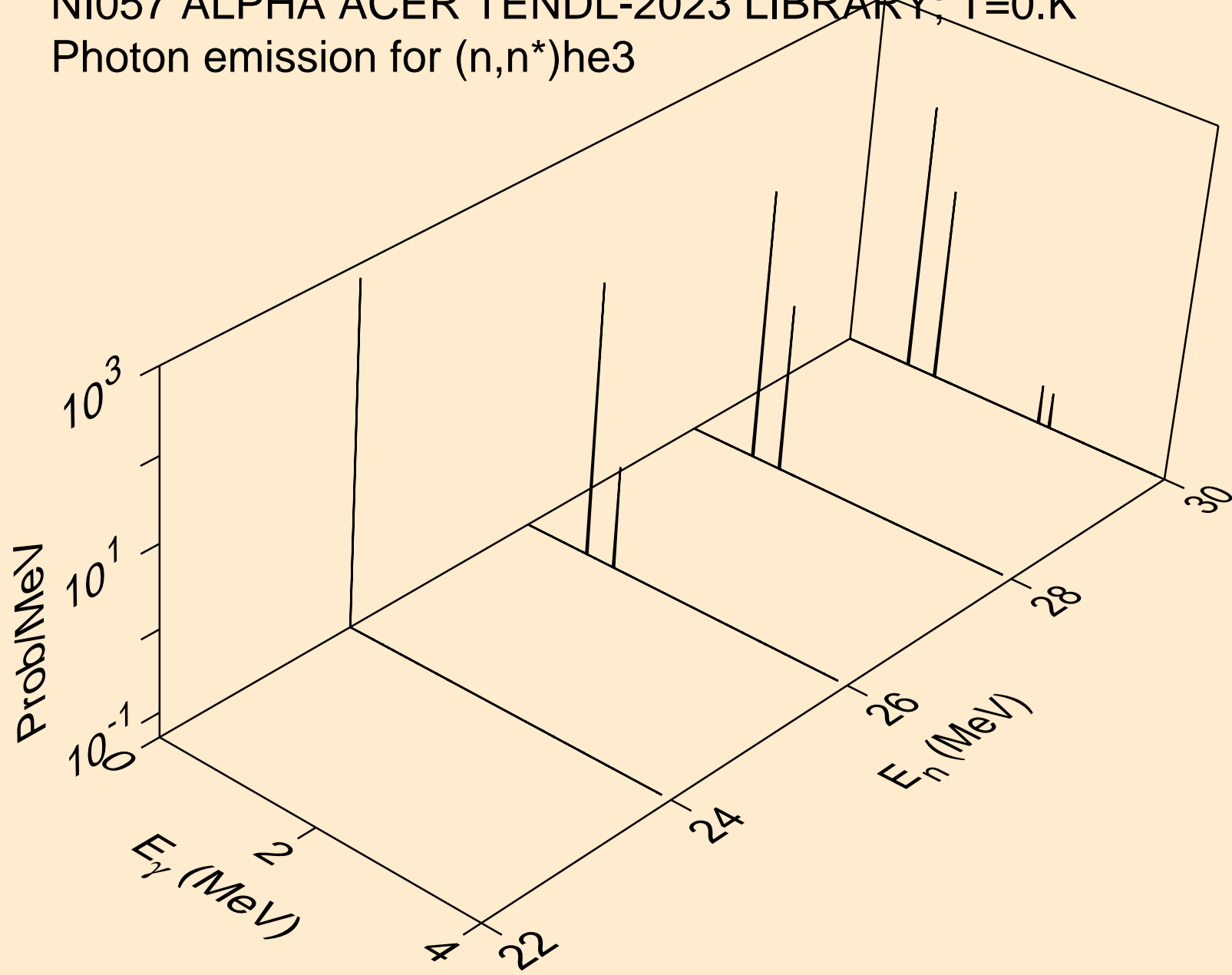
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



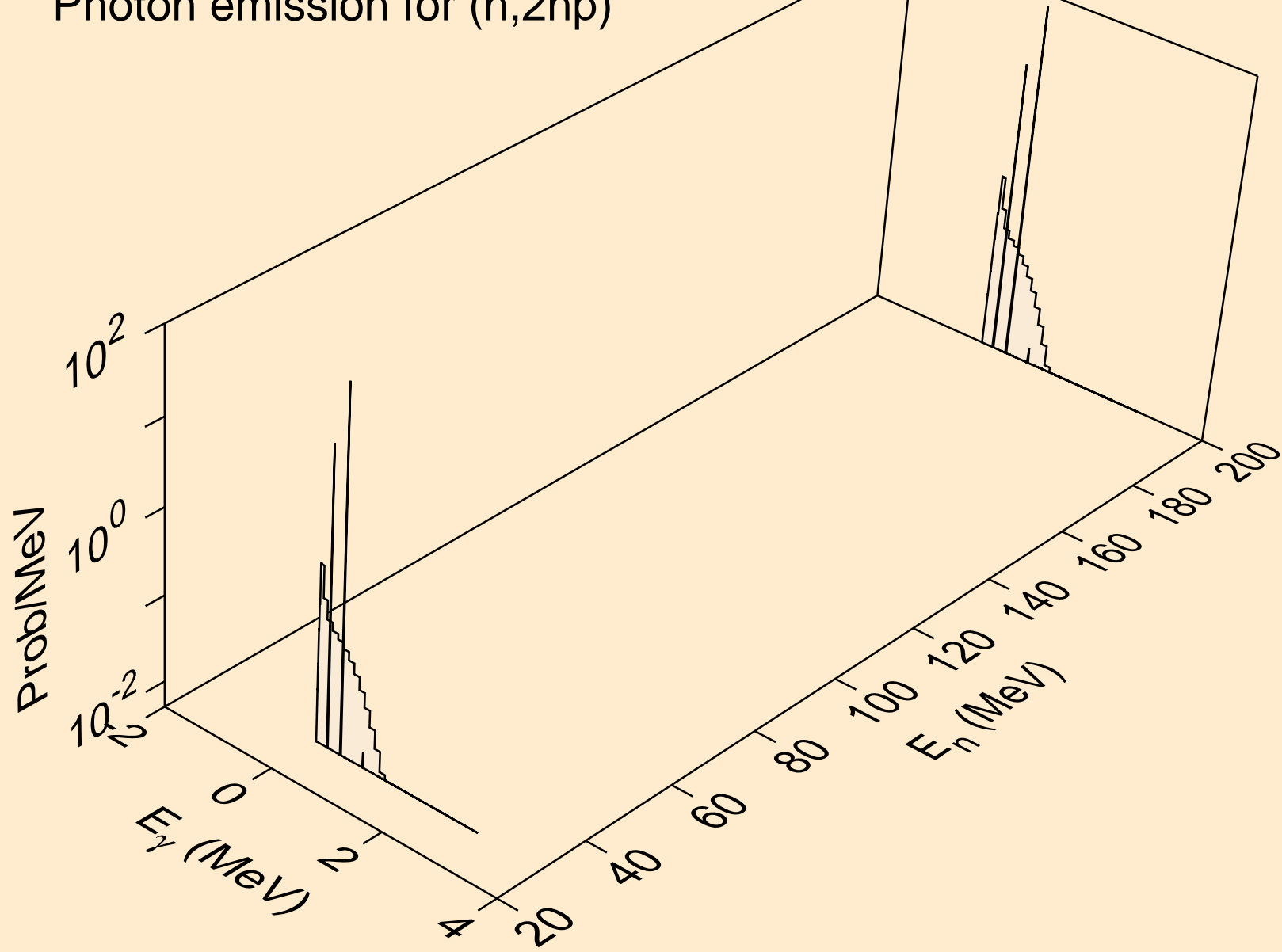
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



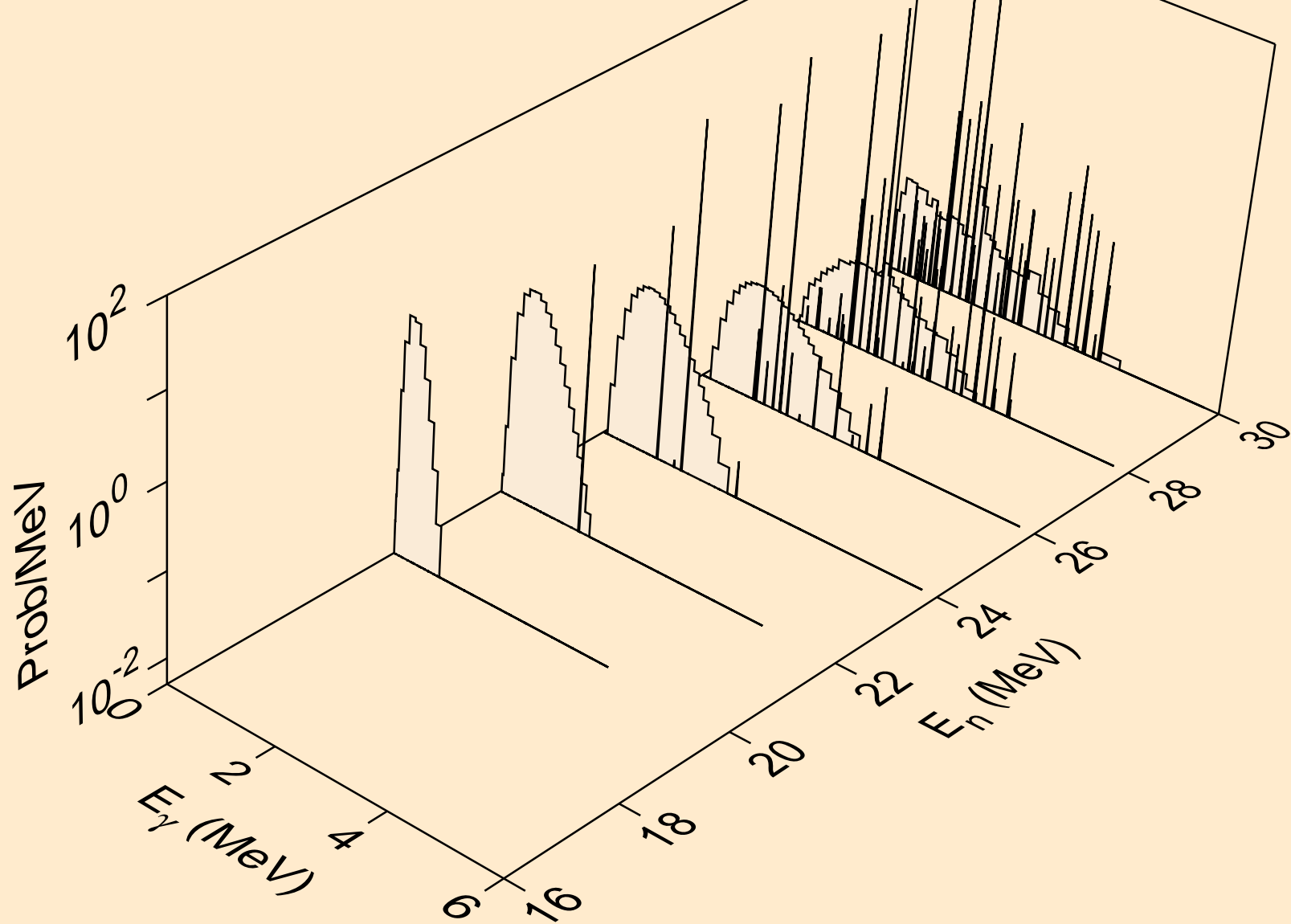
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



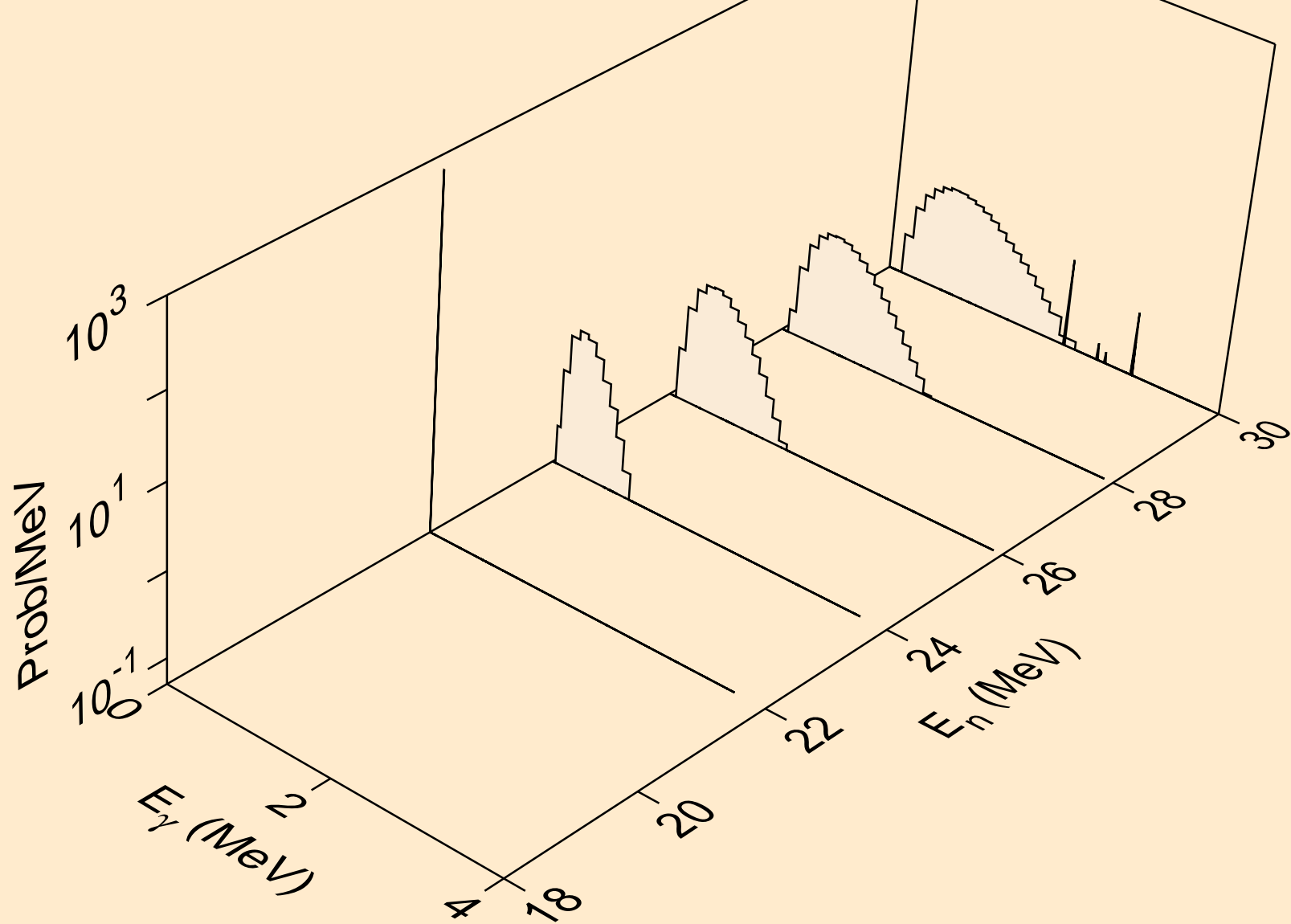
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



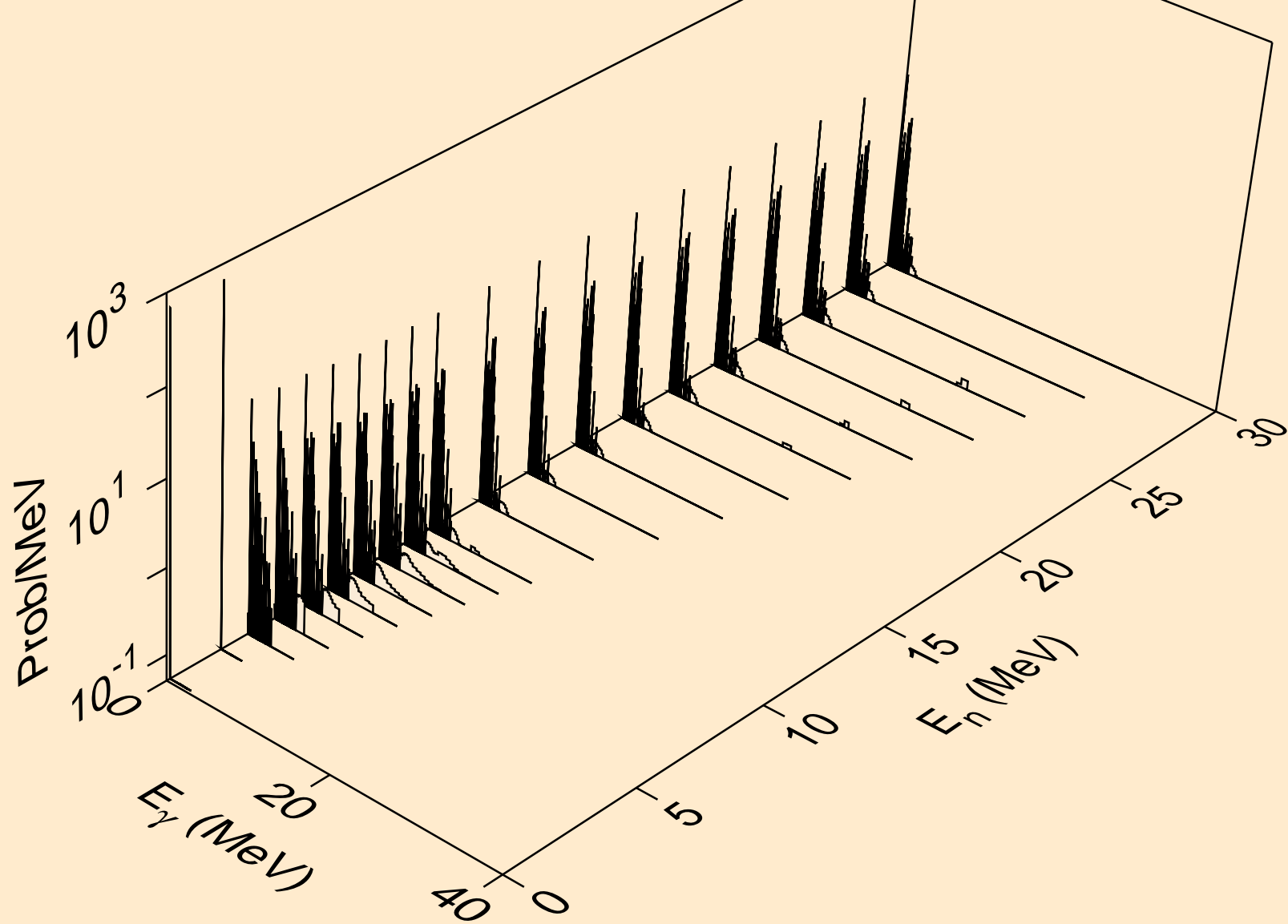
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



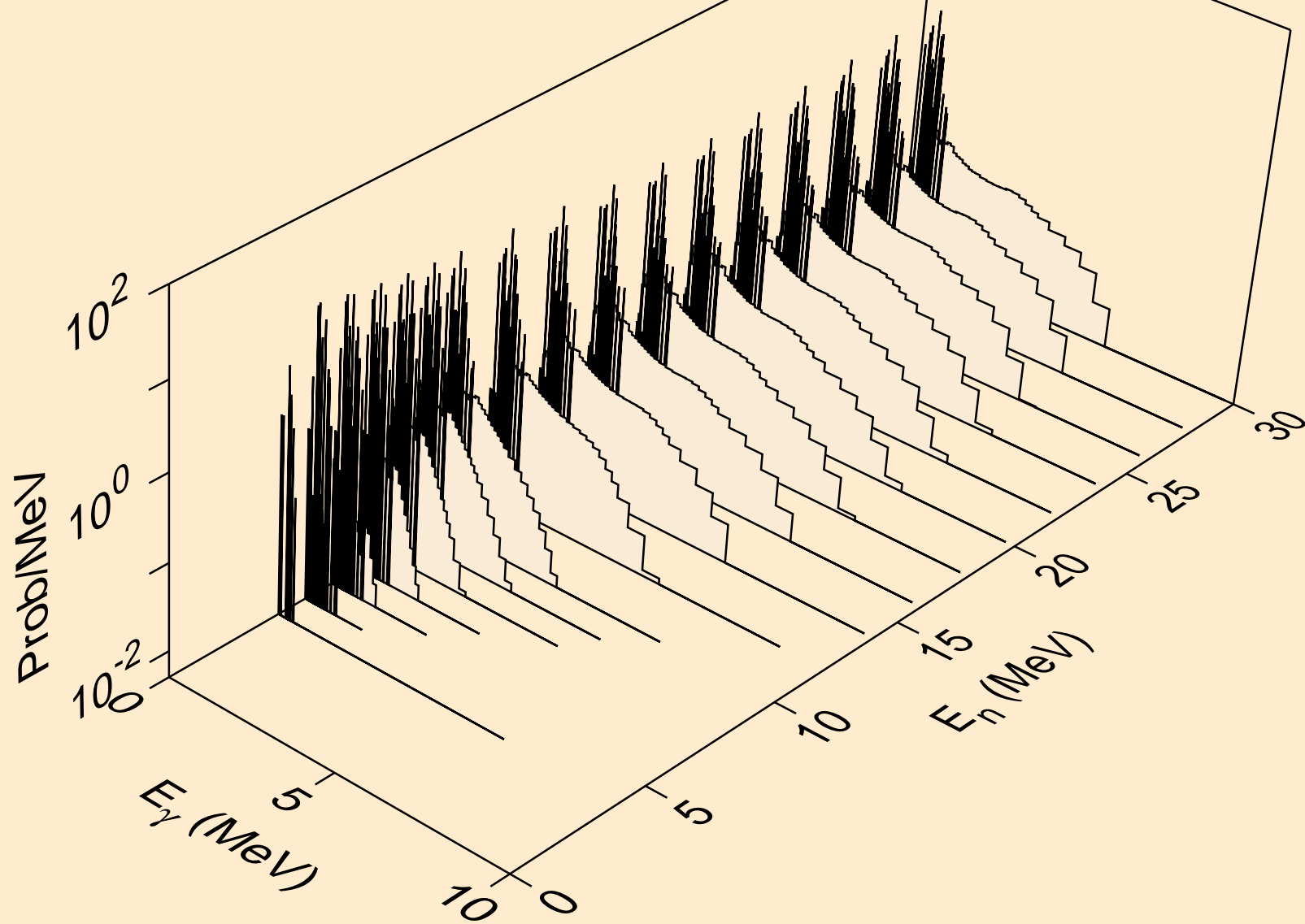
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



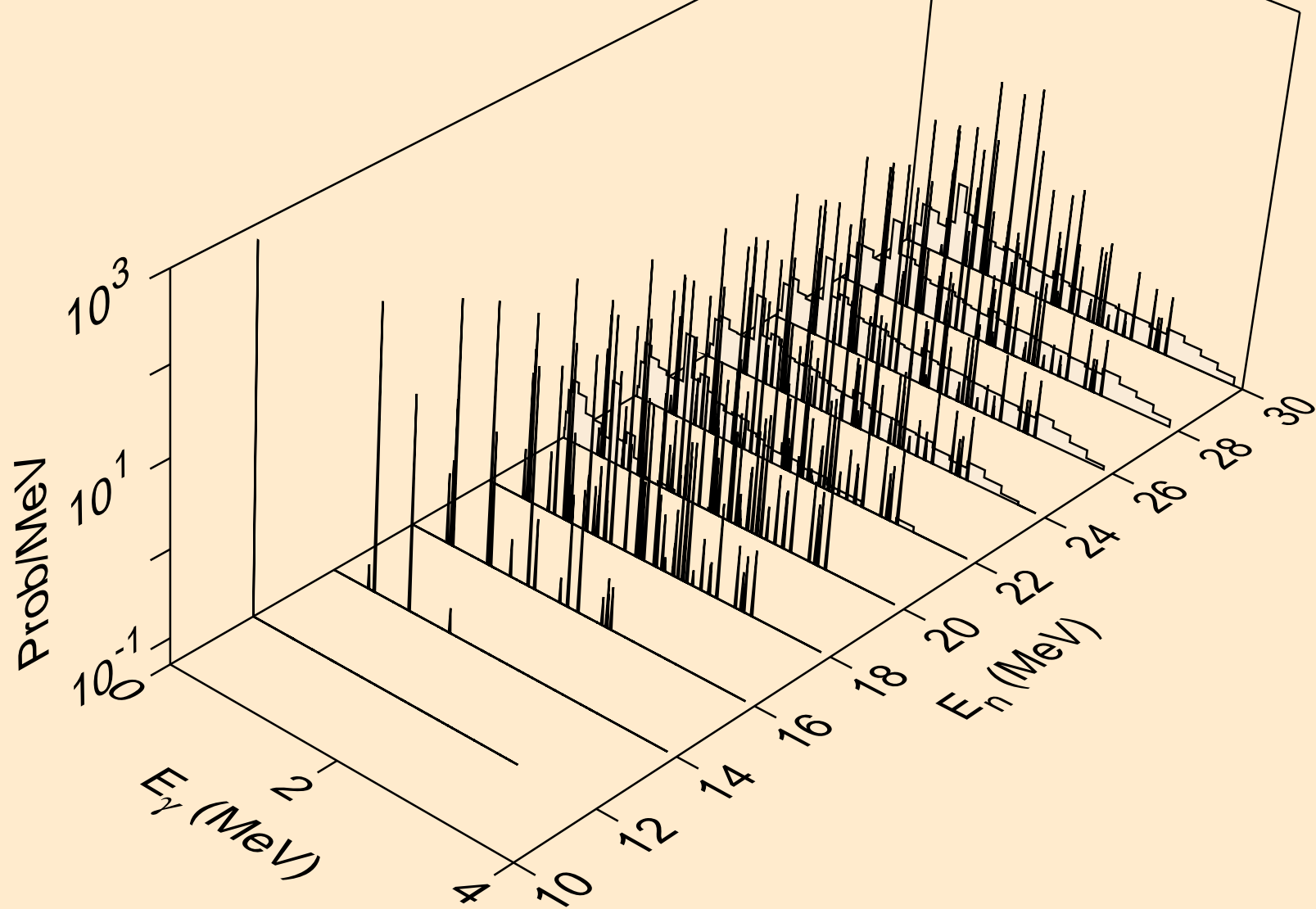
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



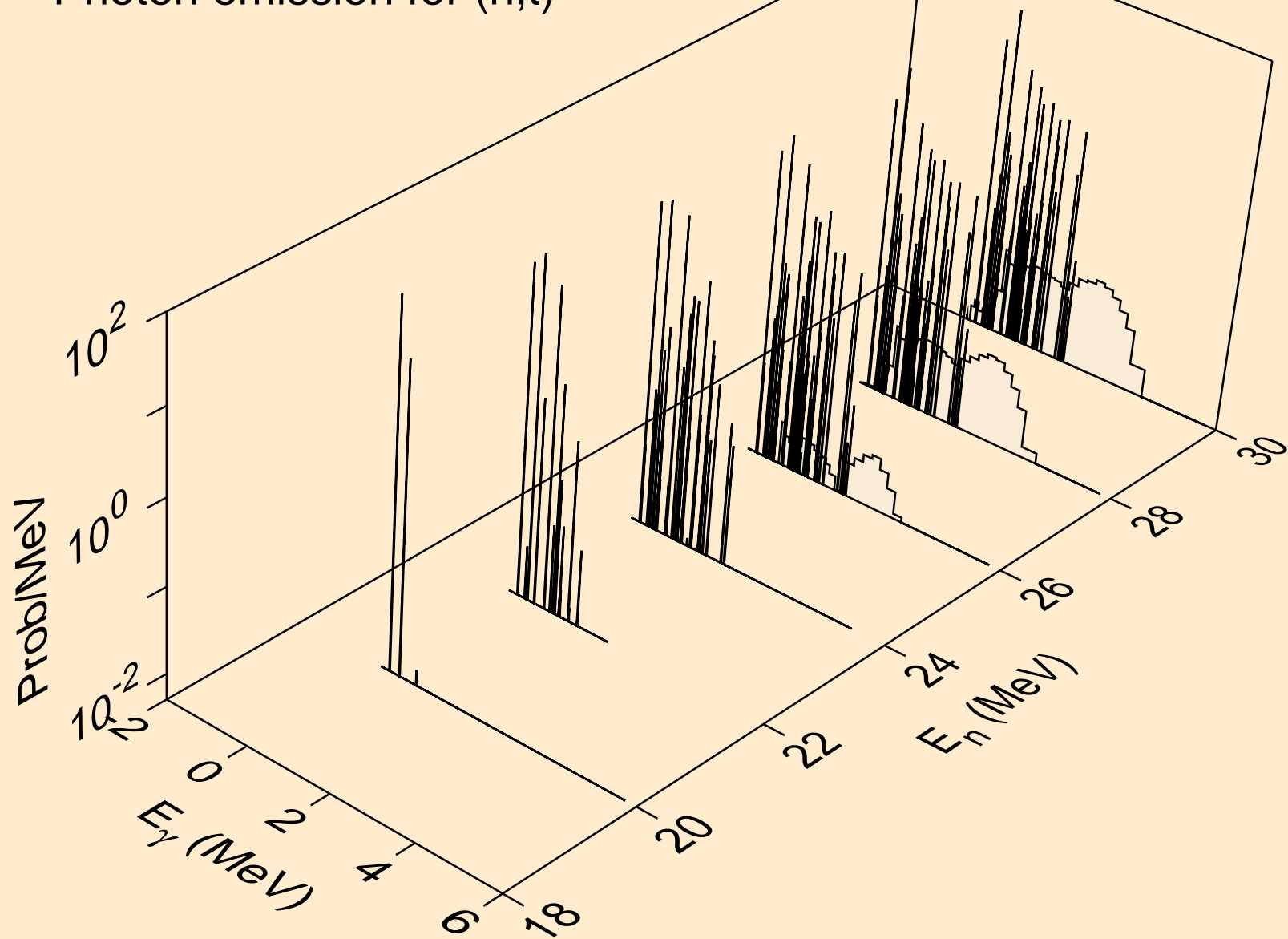
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



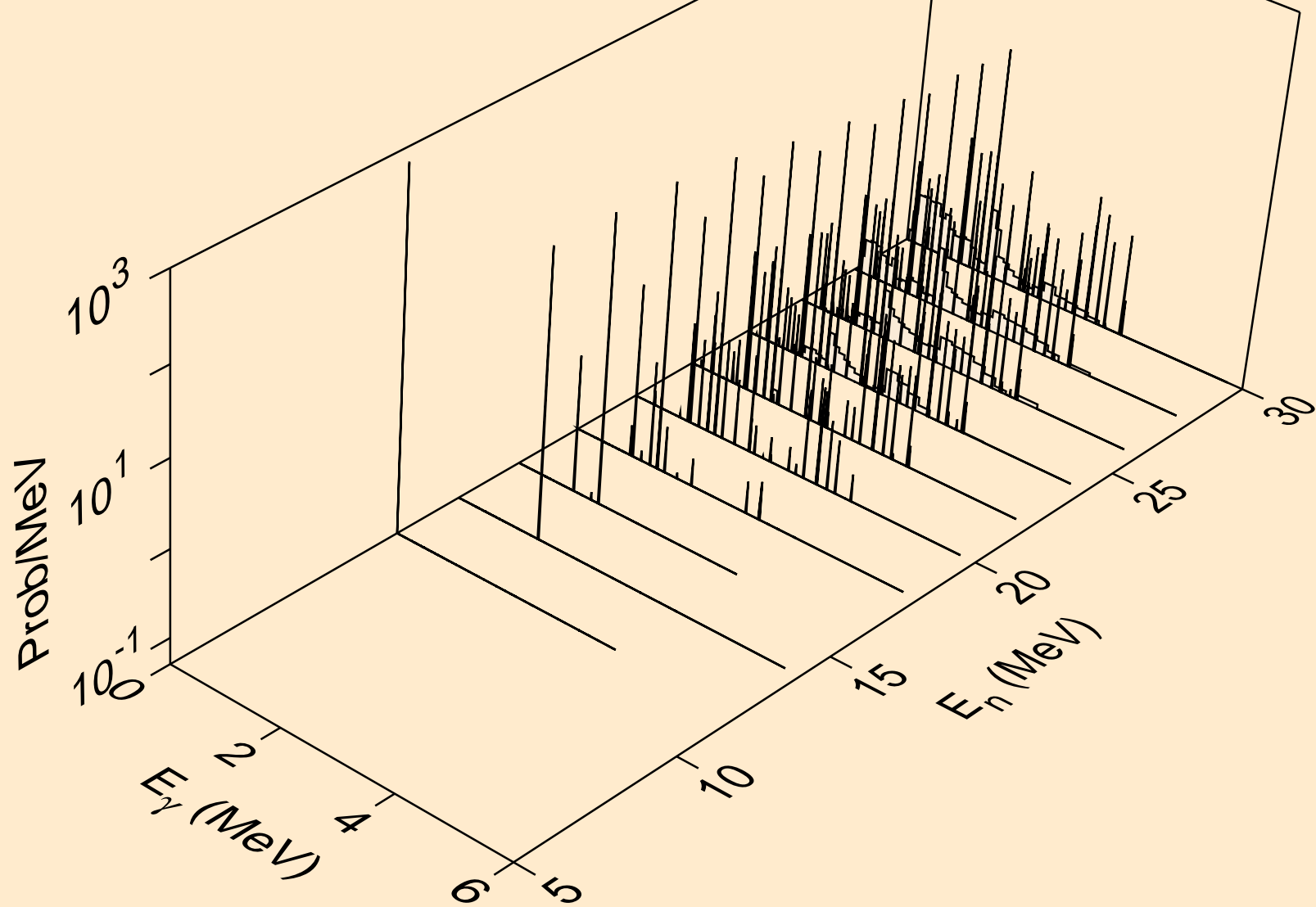
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



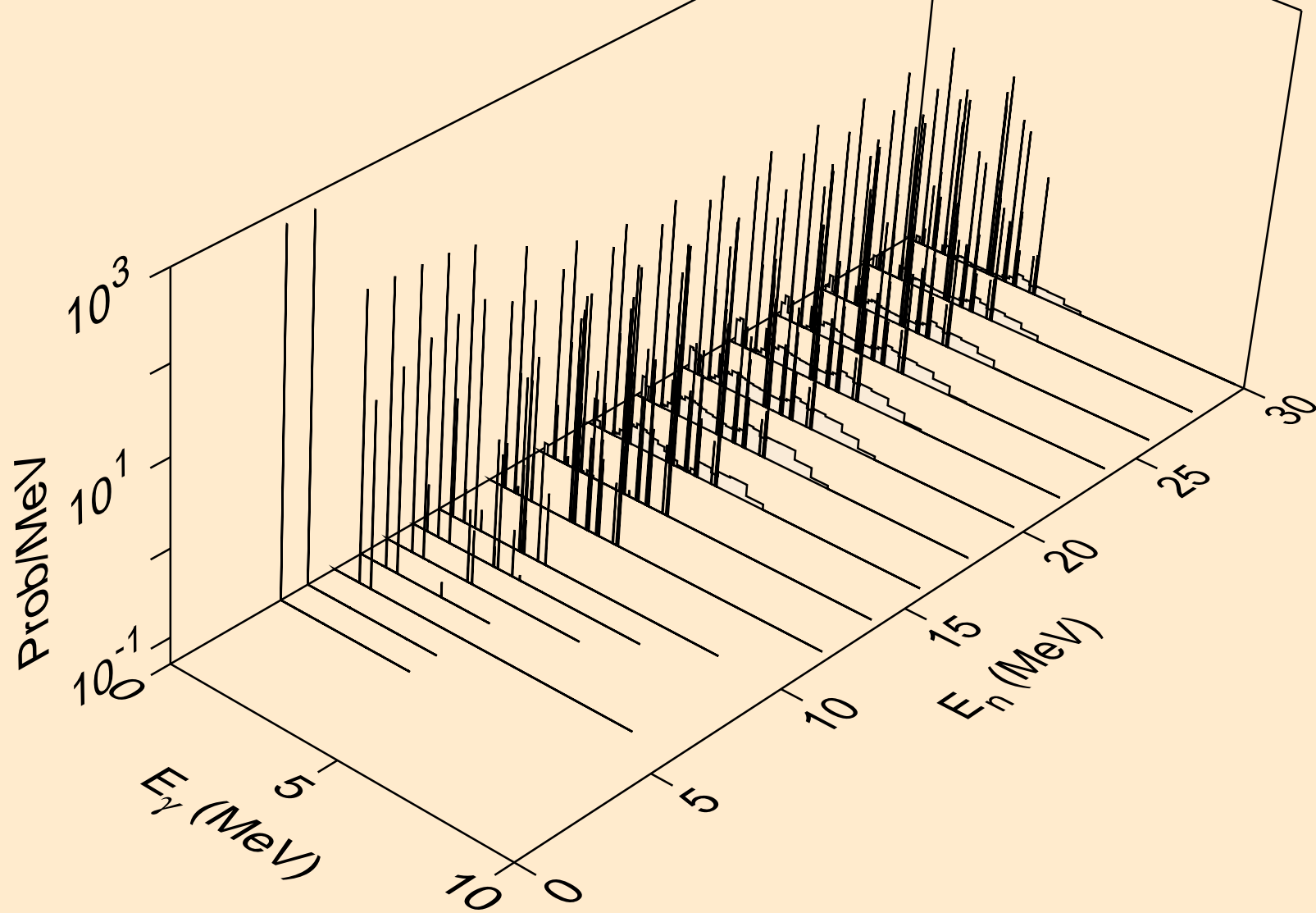
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



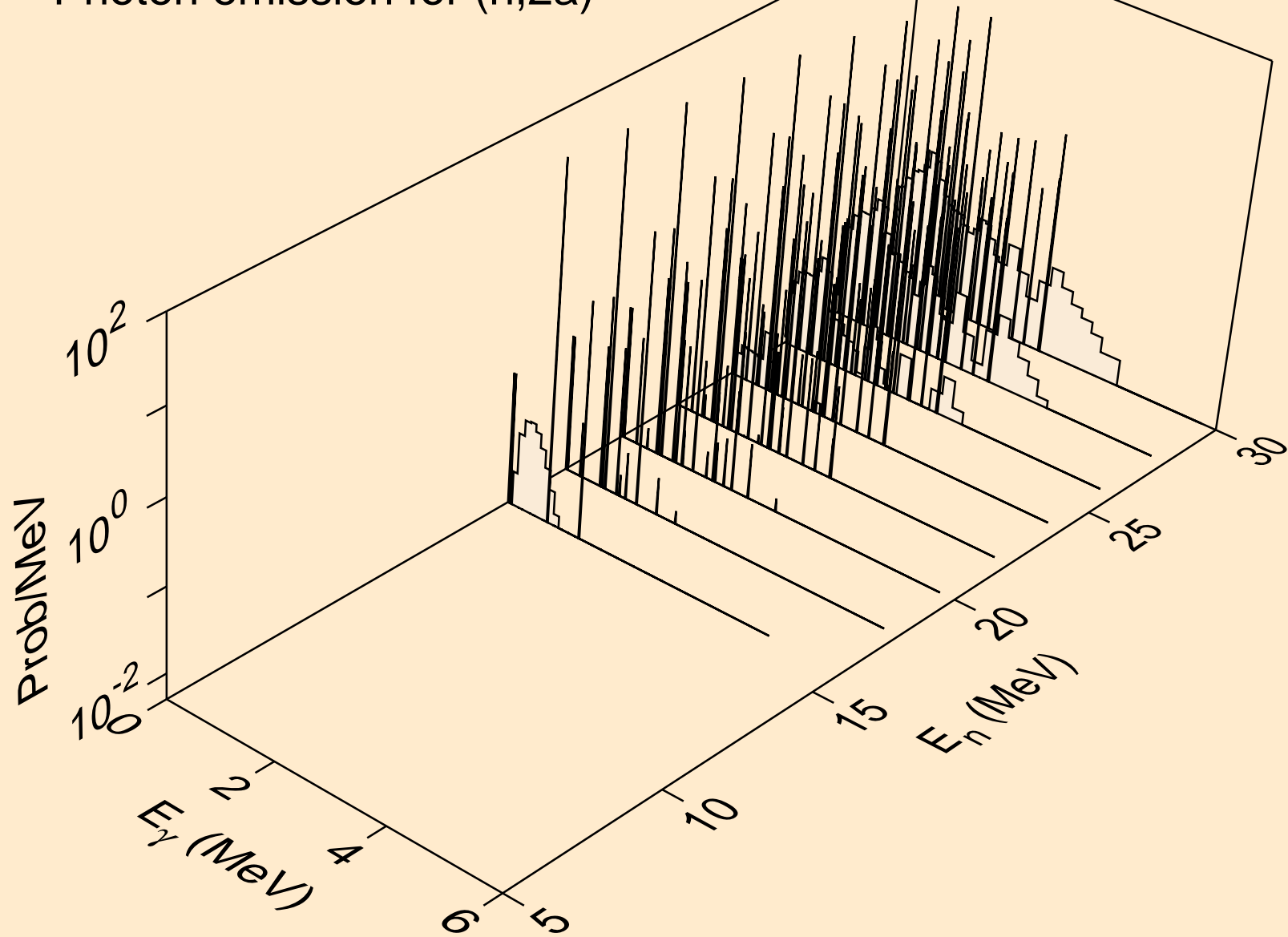
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



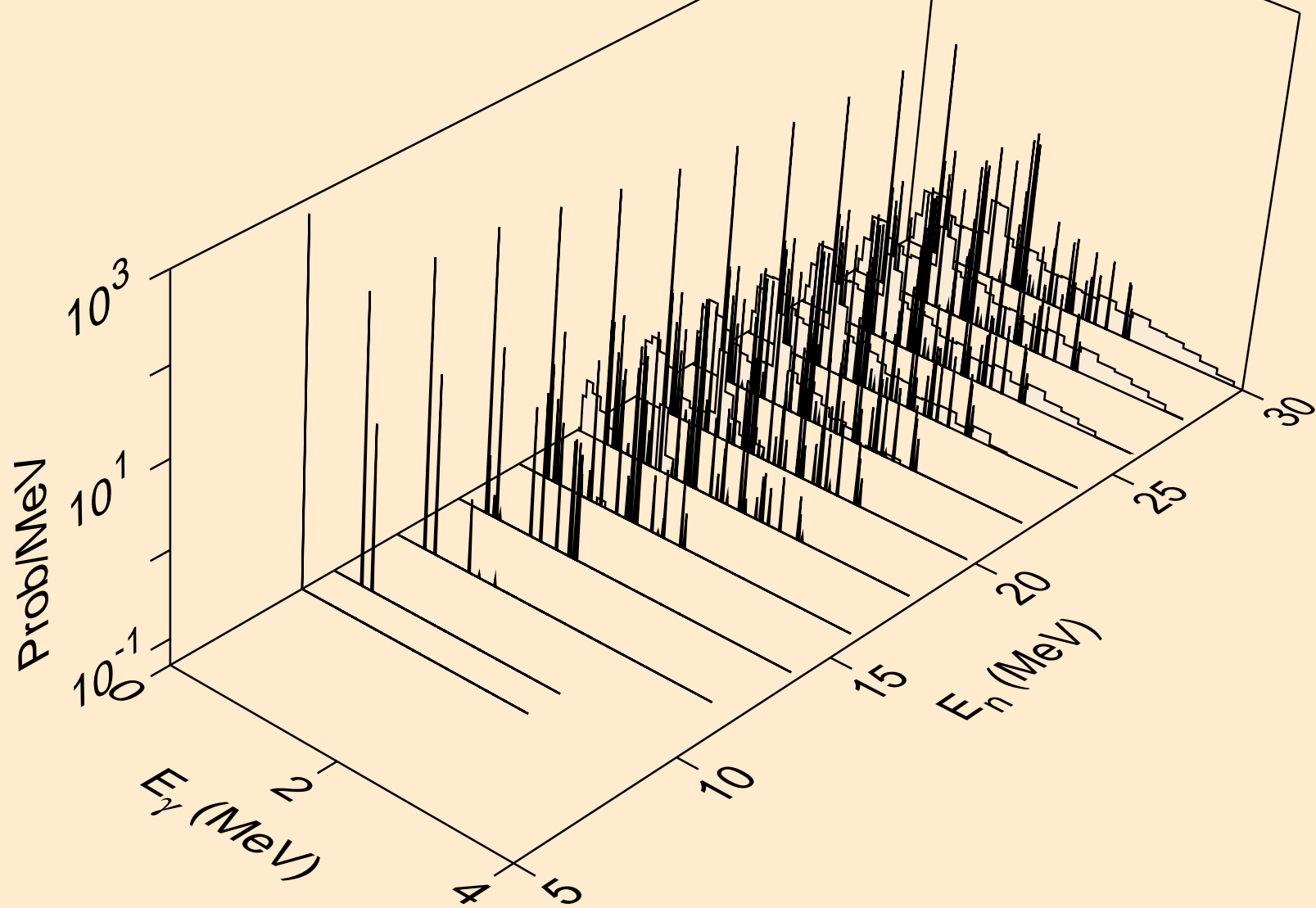
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



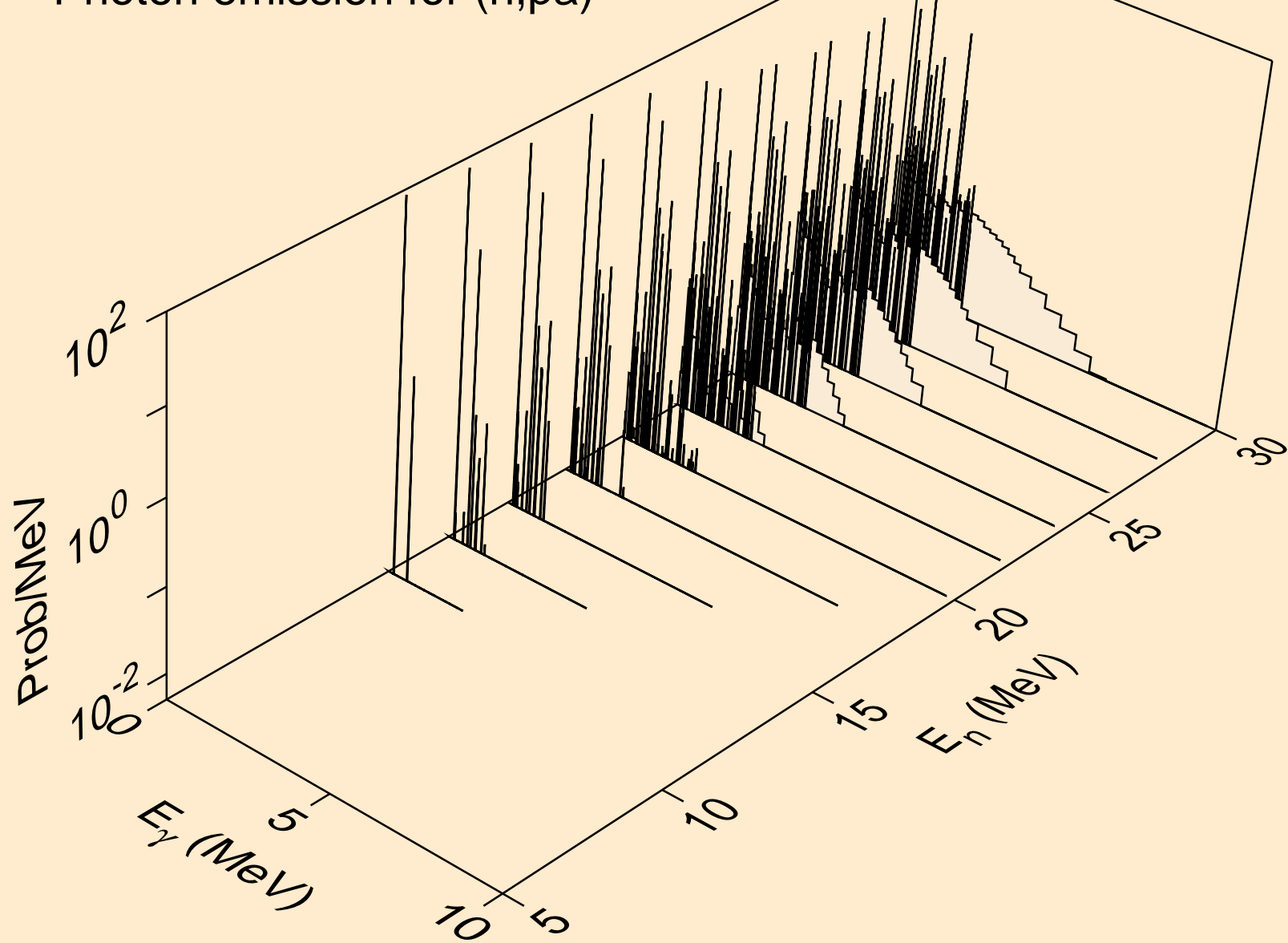
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



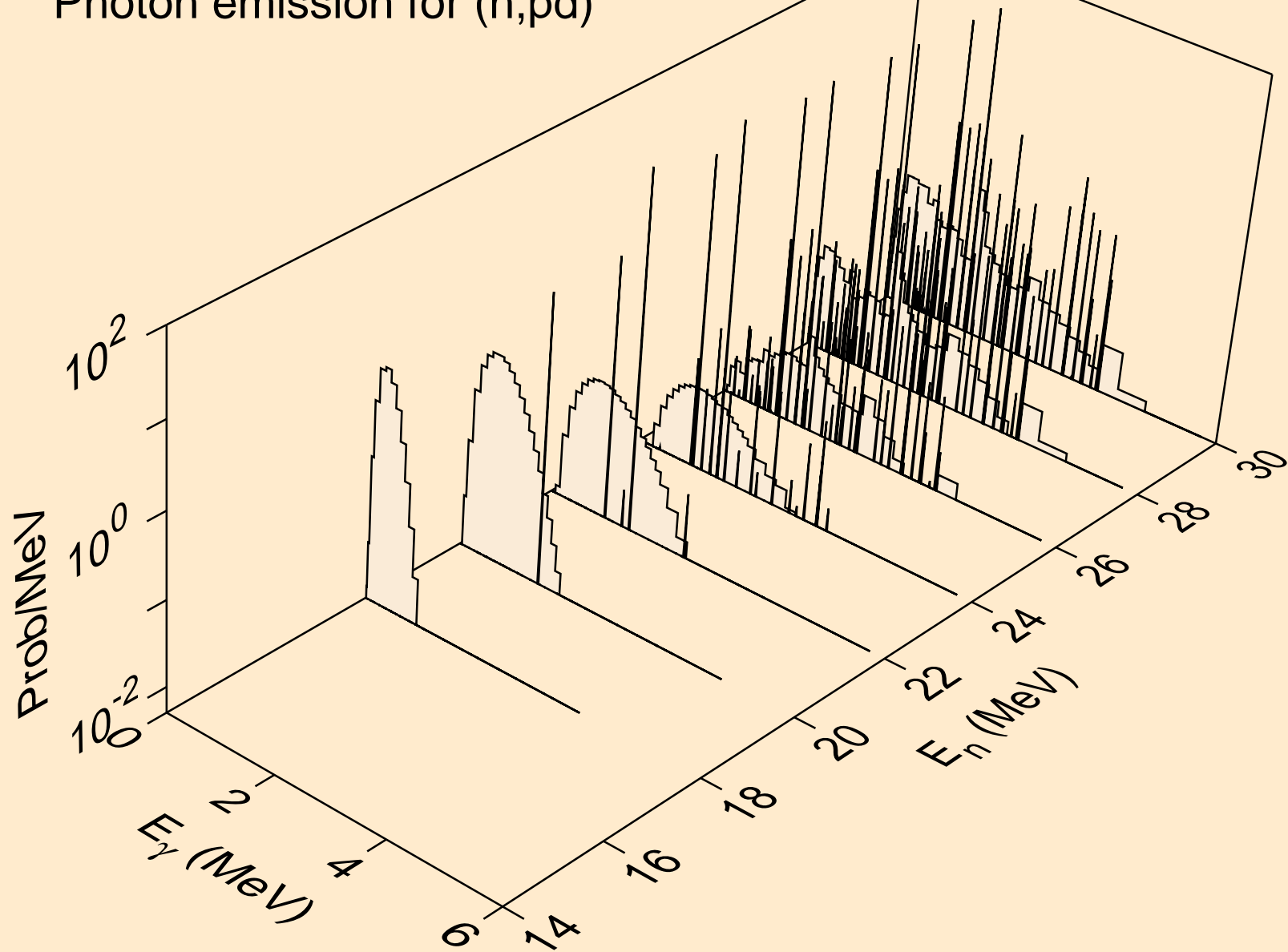
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



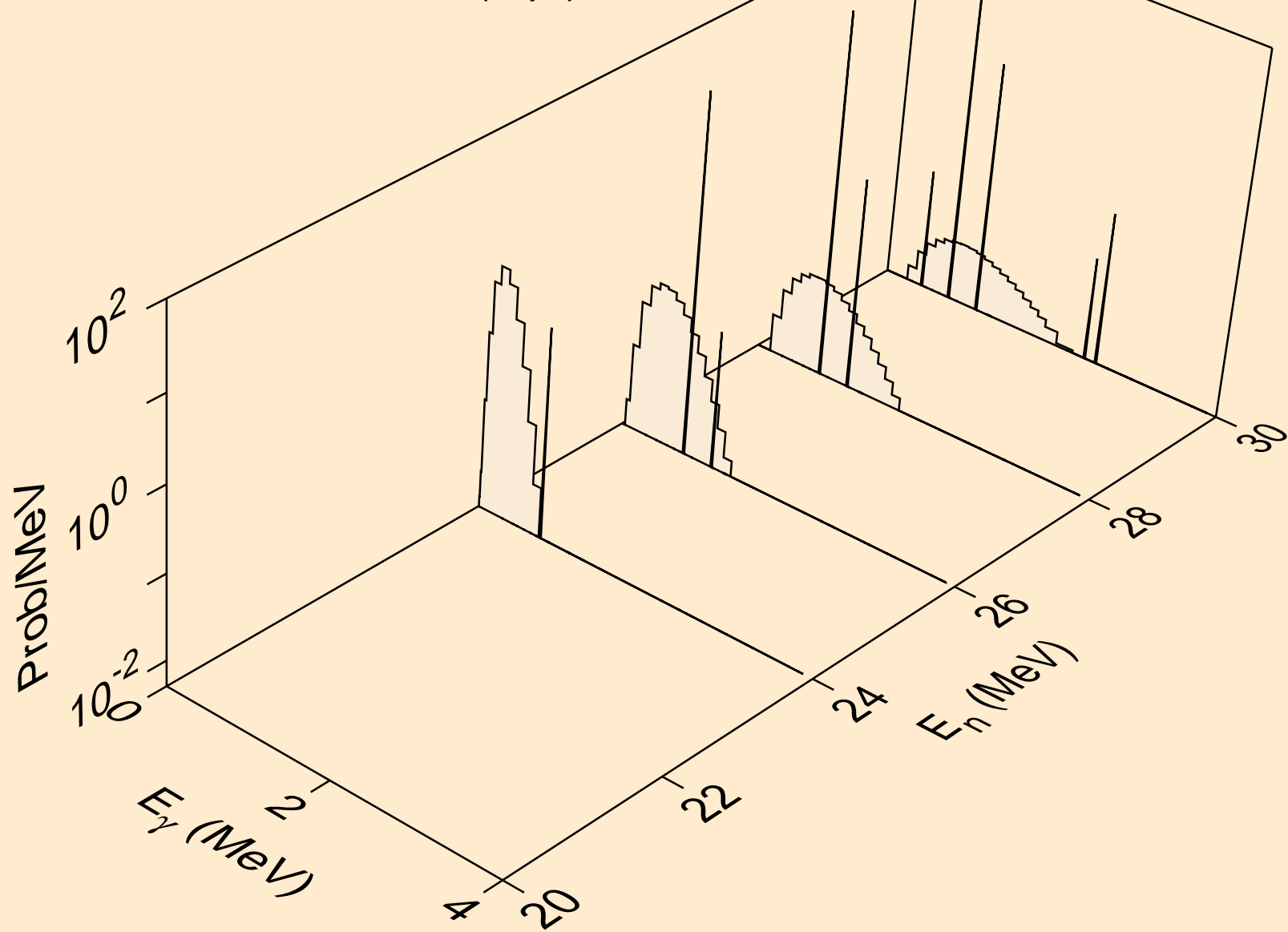
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



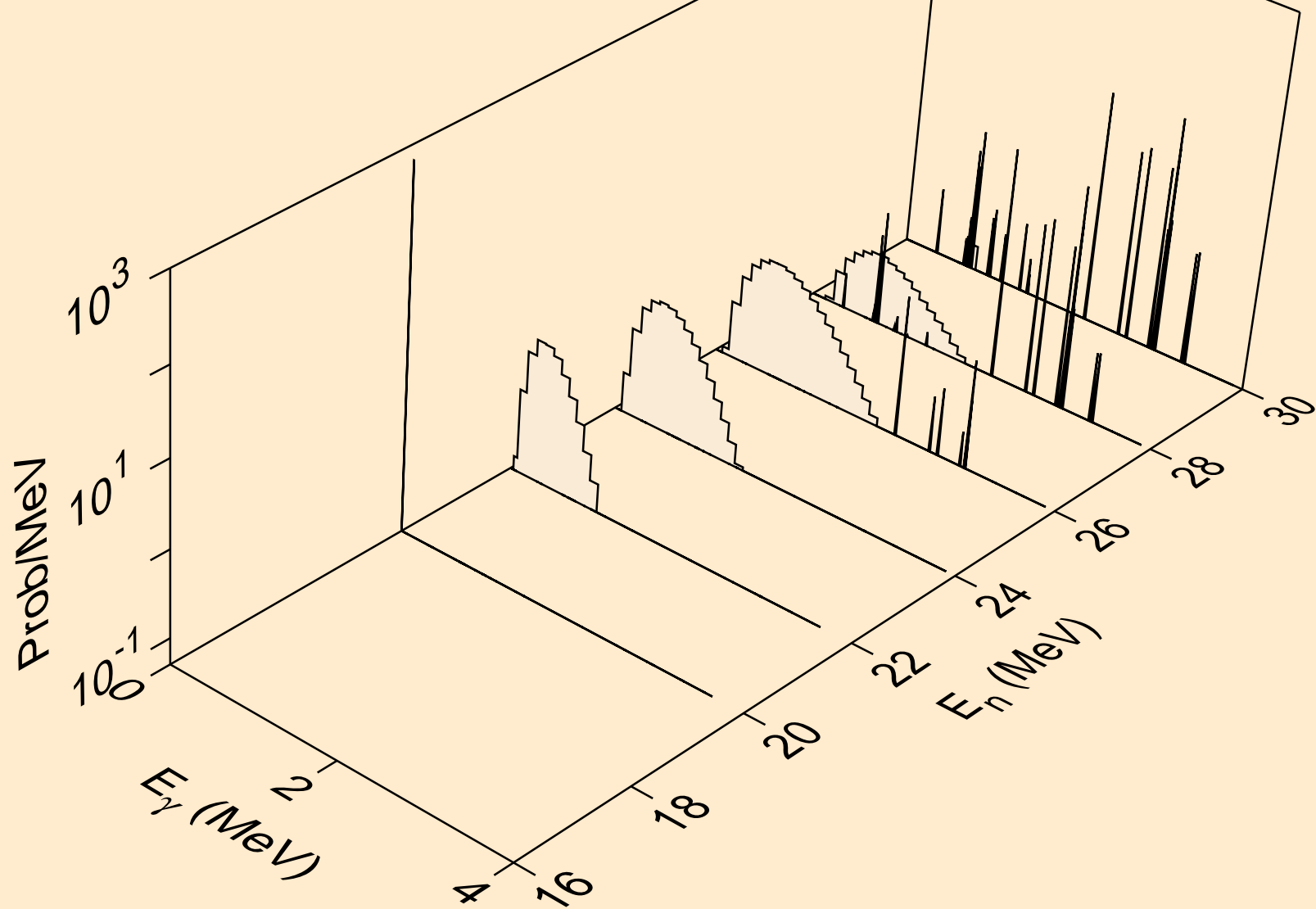
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



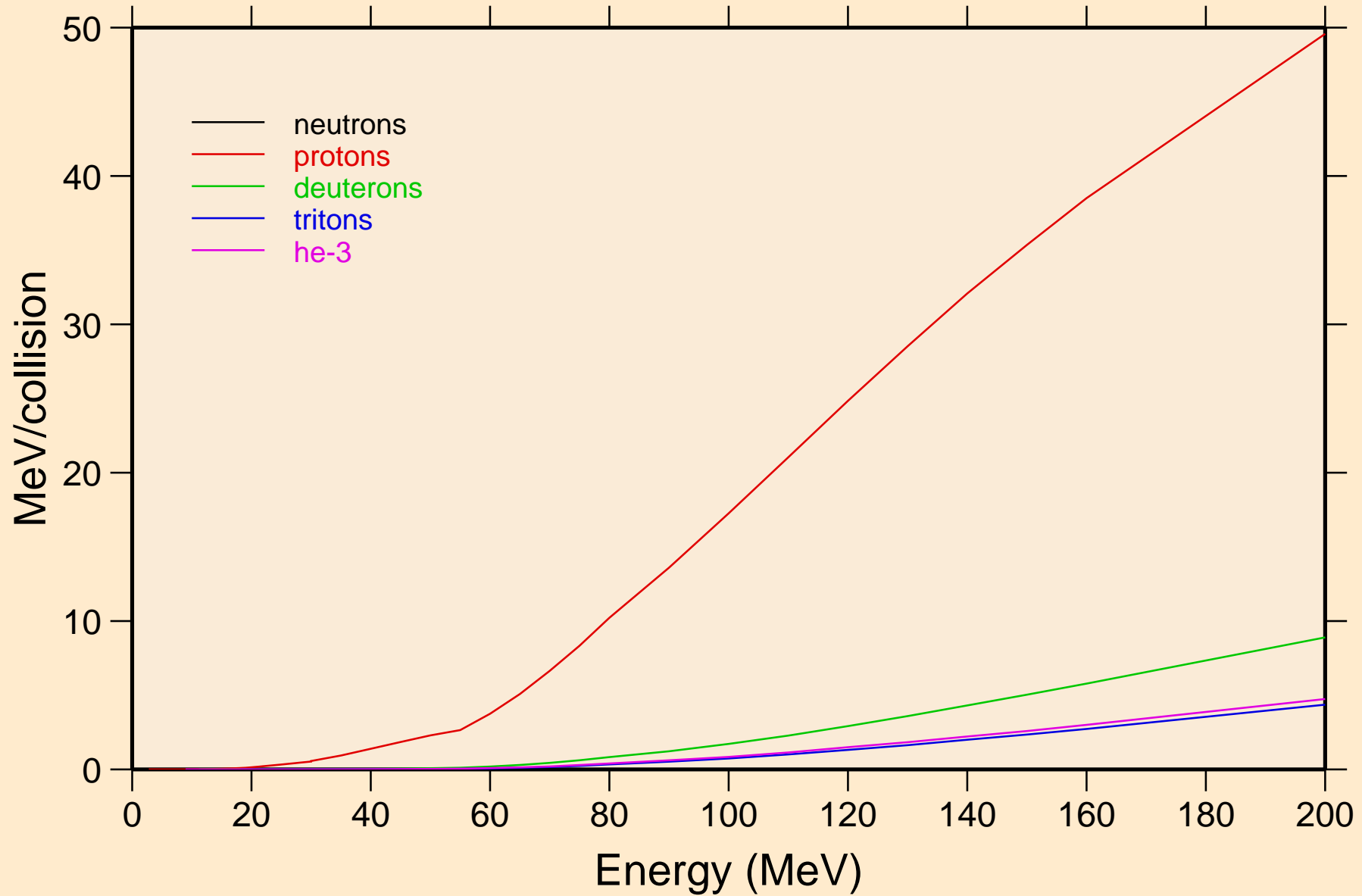
NI057 ALPHA ACER TENDL-2023 LIBRARY: T=0.K  
Photon emission for (n,pt)



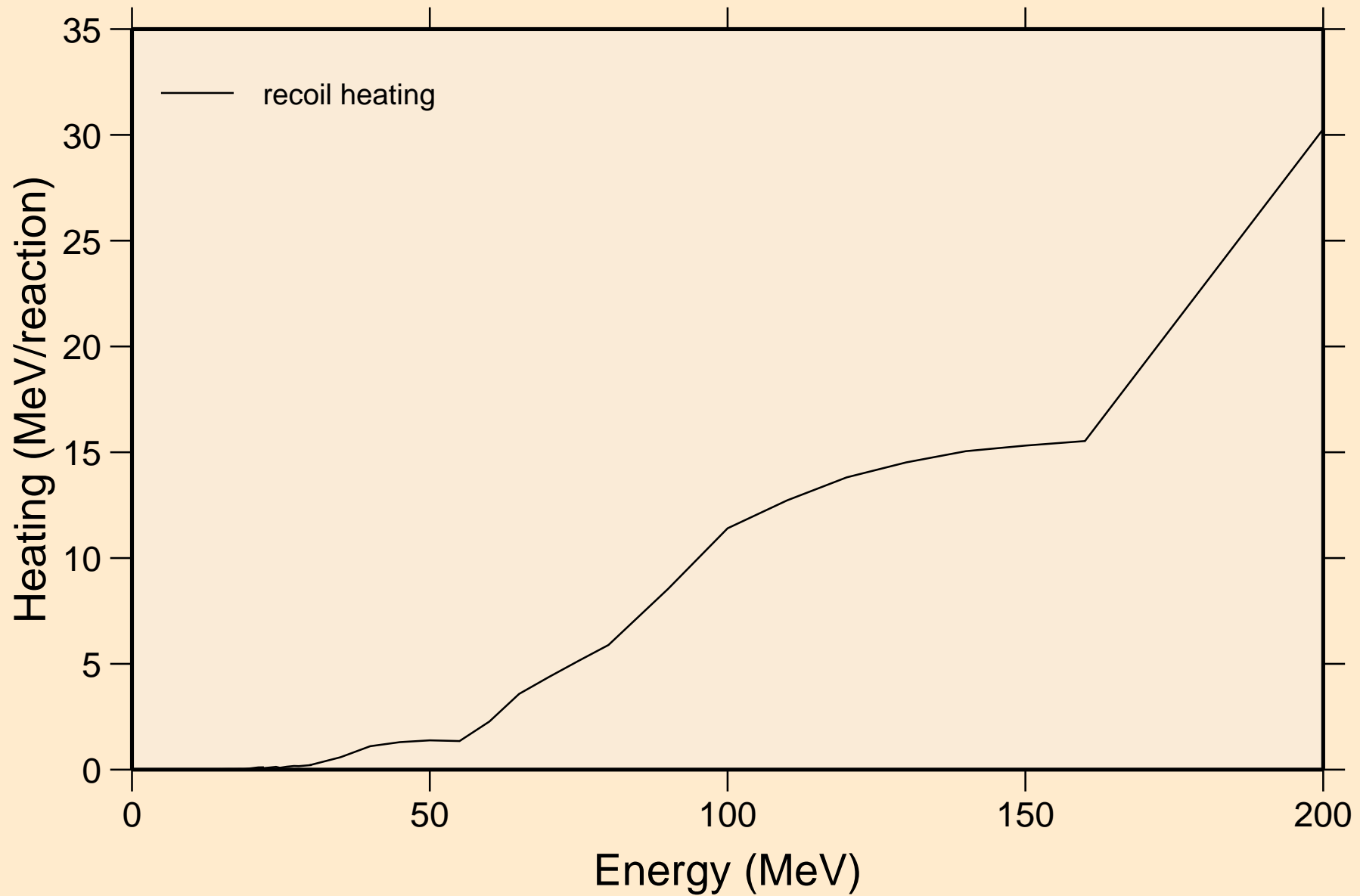
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



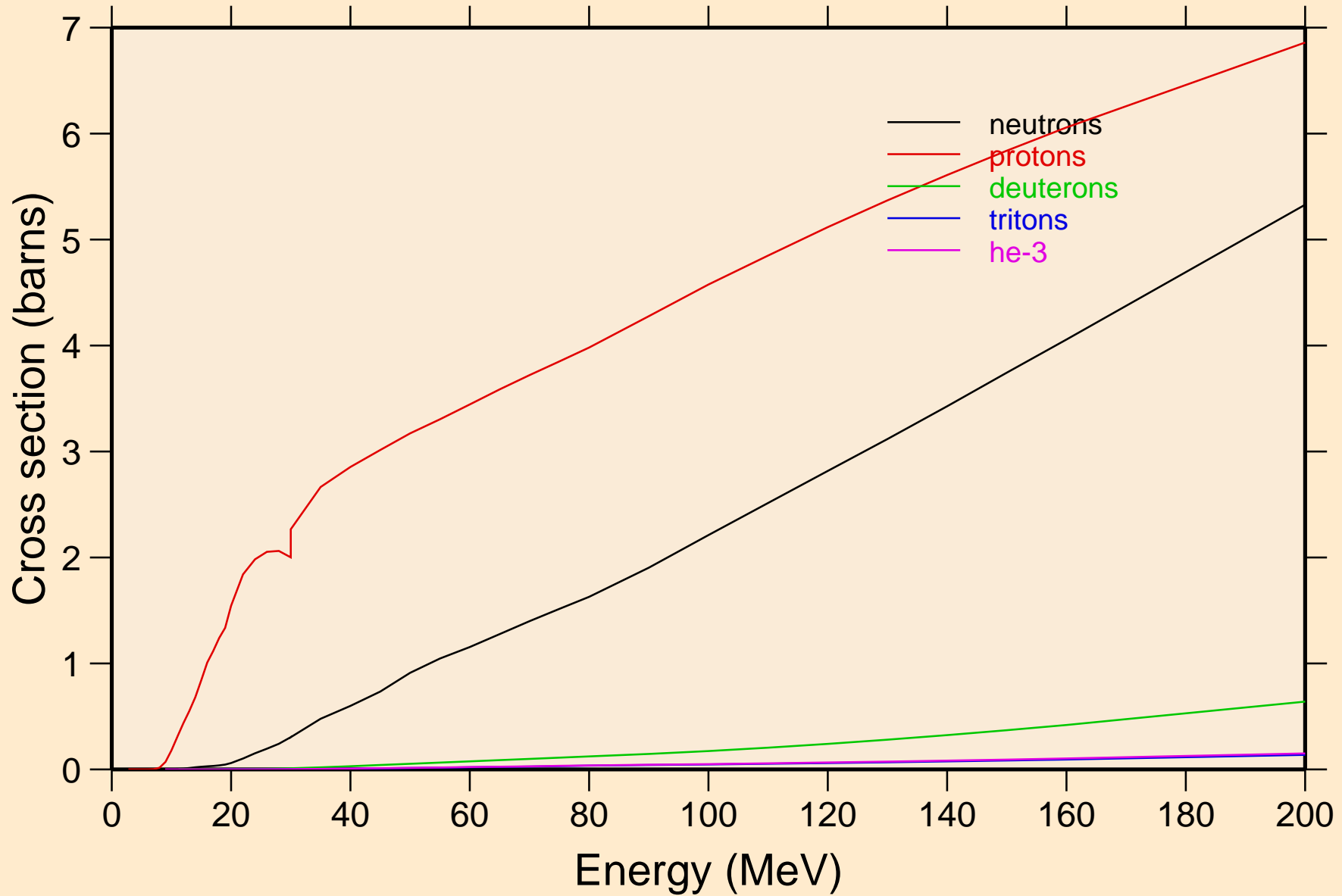
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



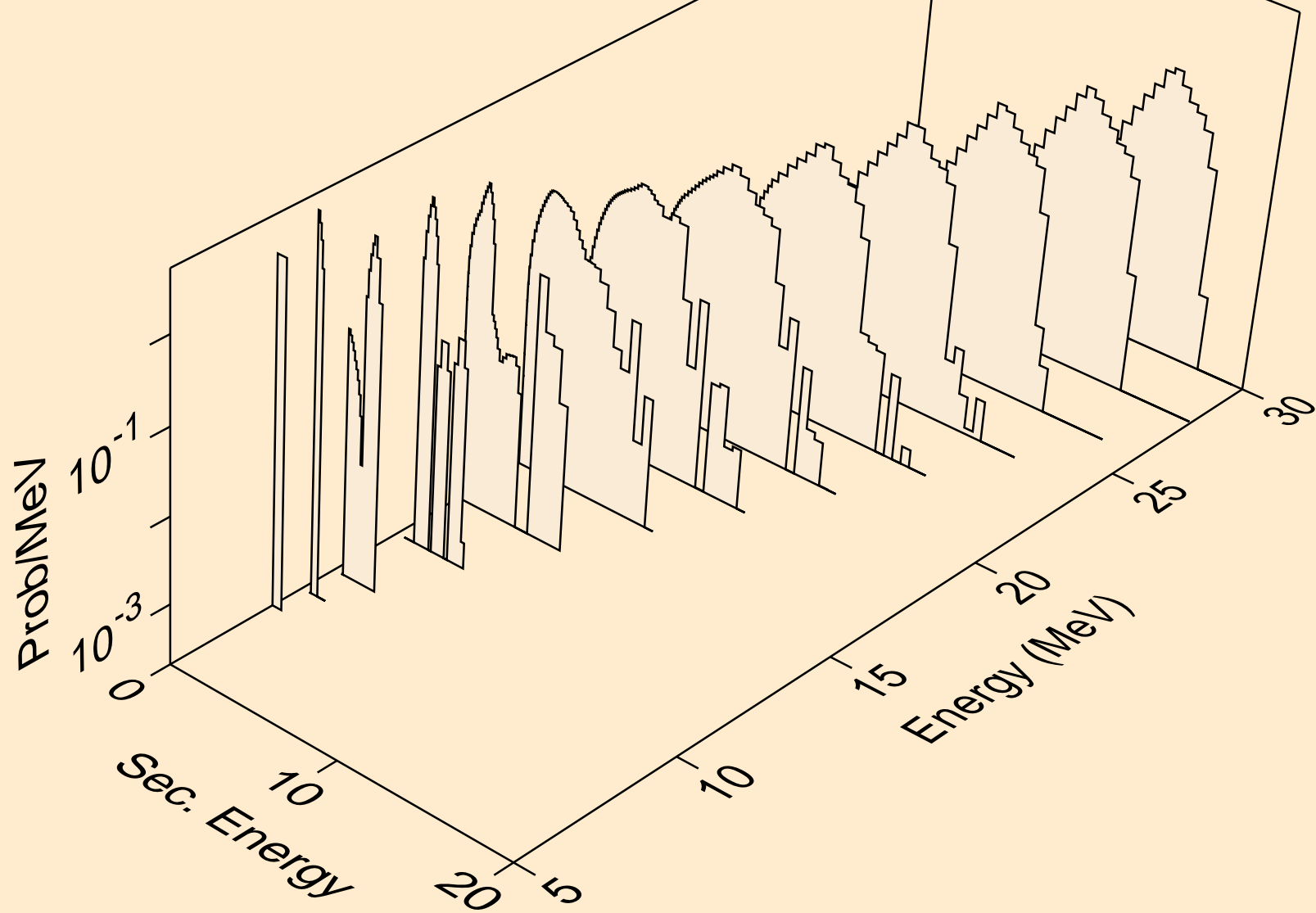
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



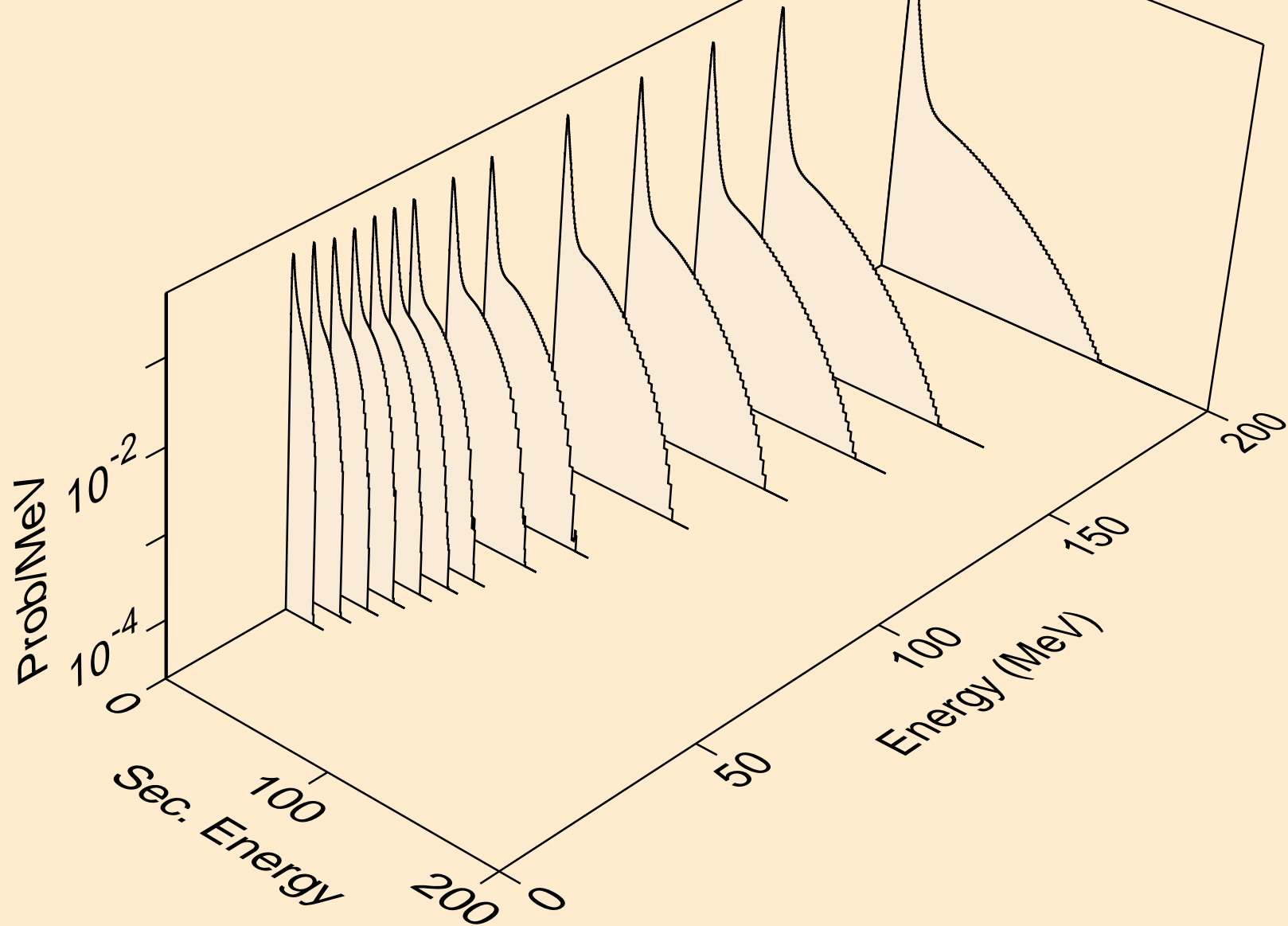
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



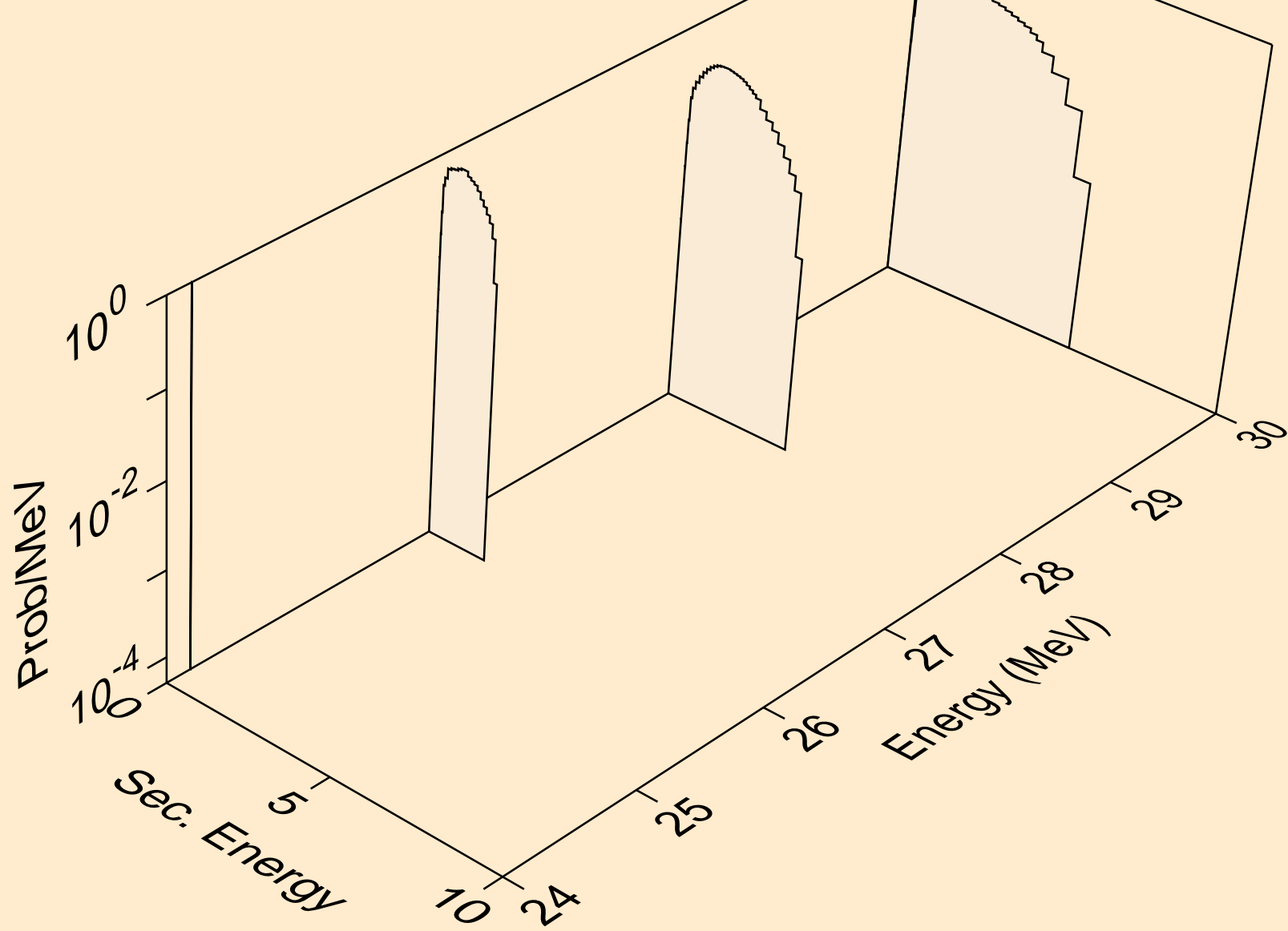
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



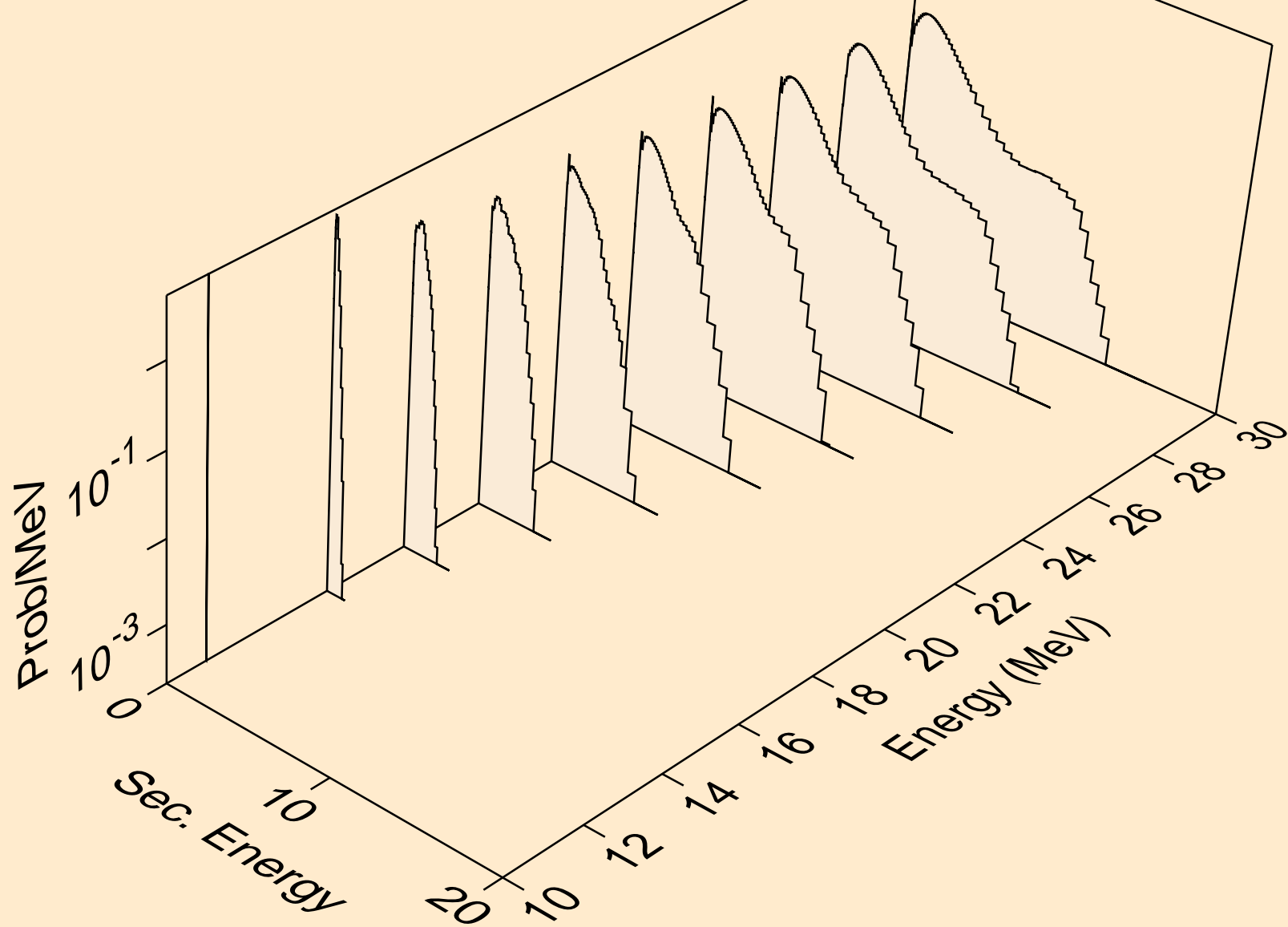
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



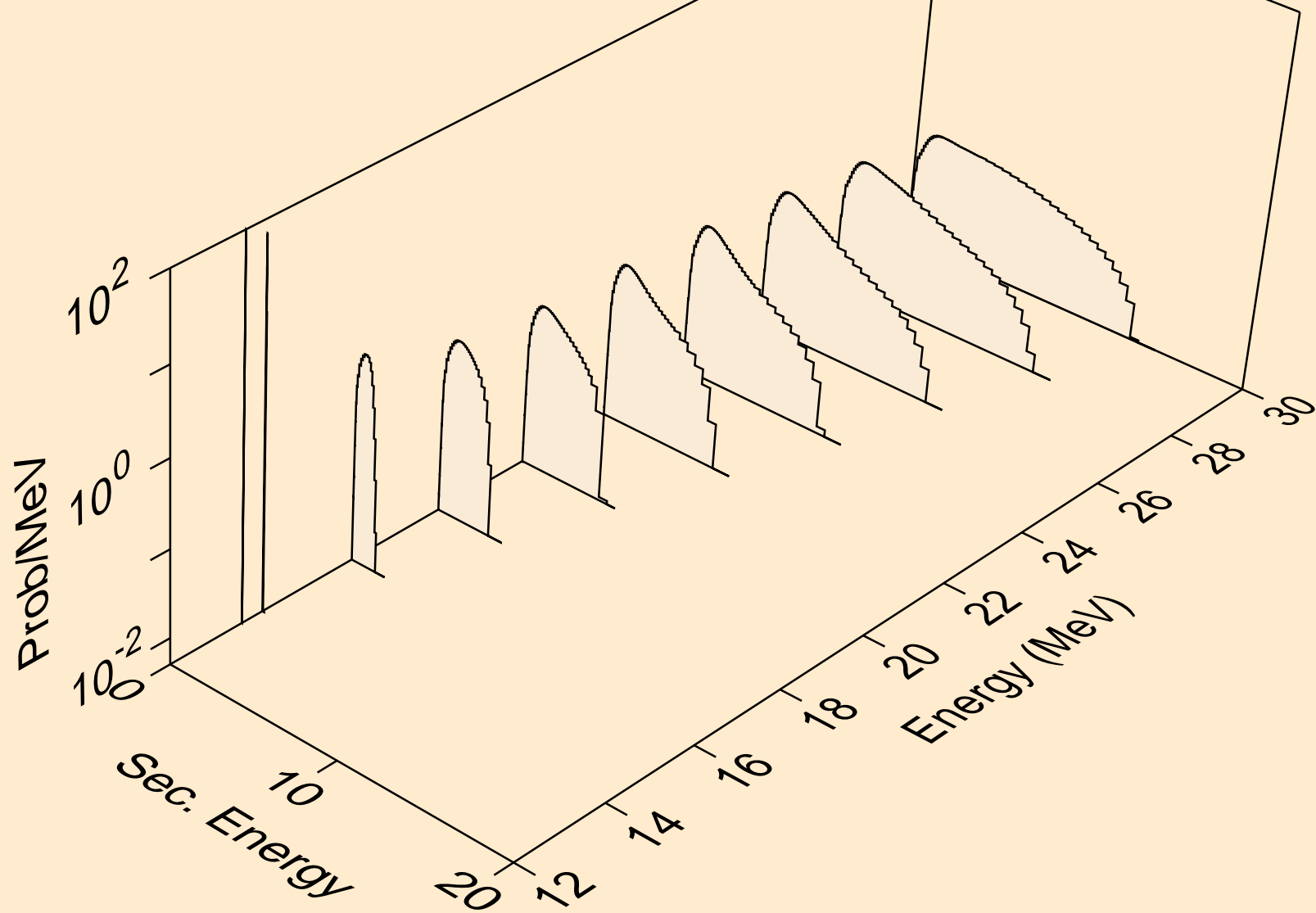
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



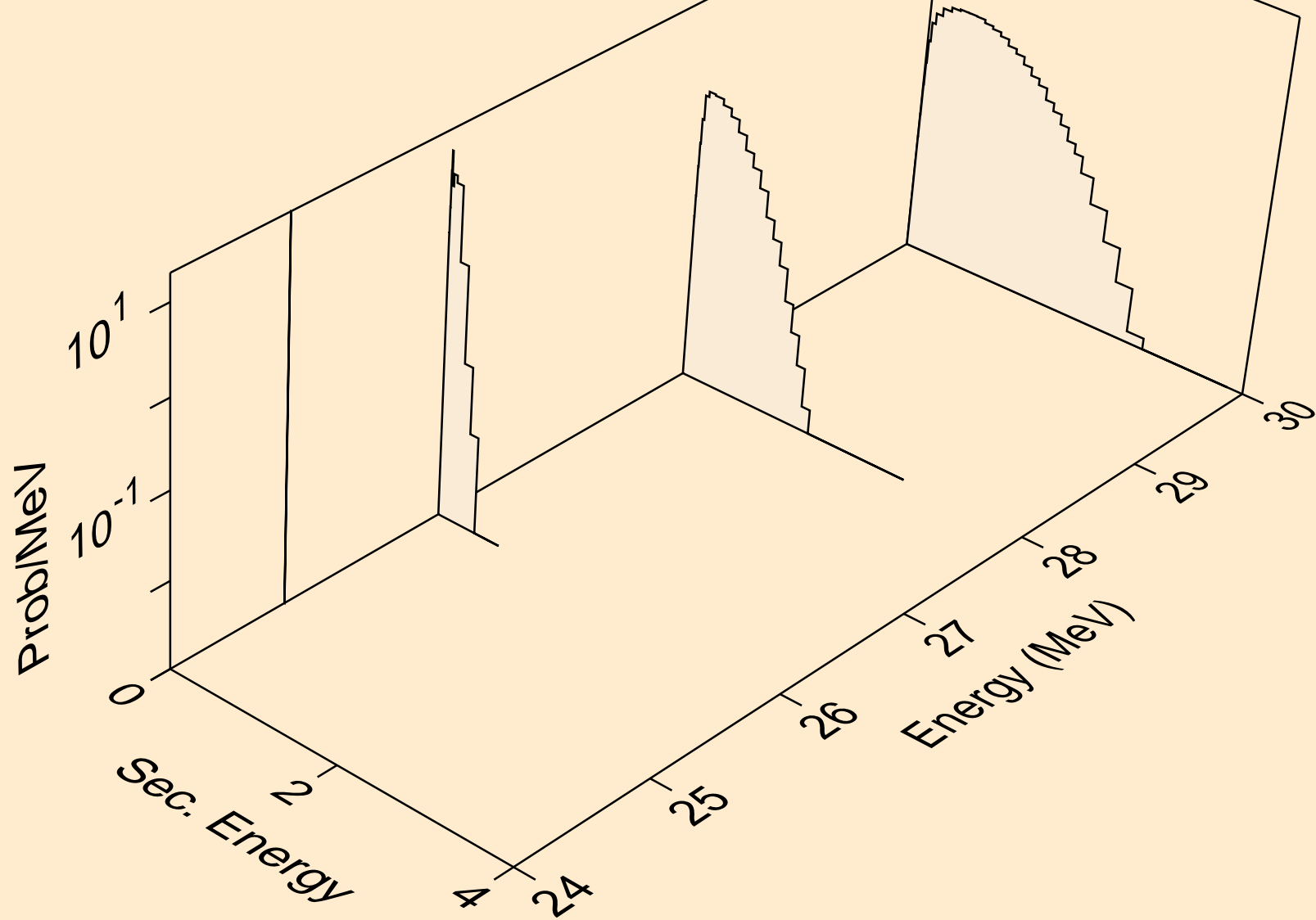
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



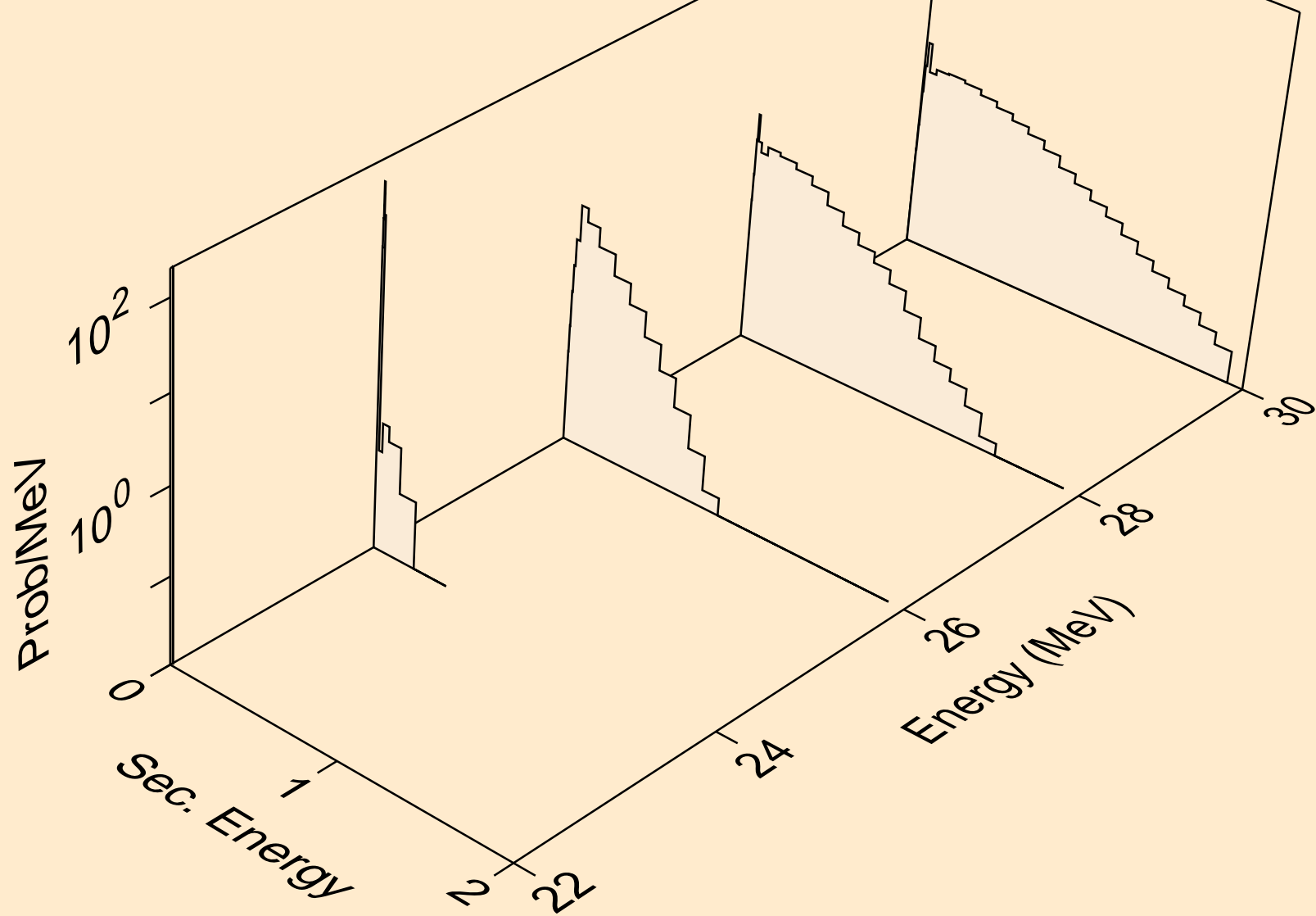
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



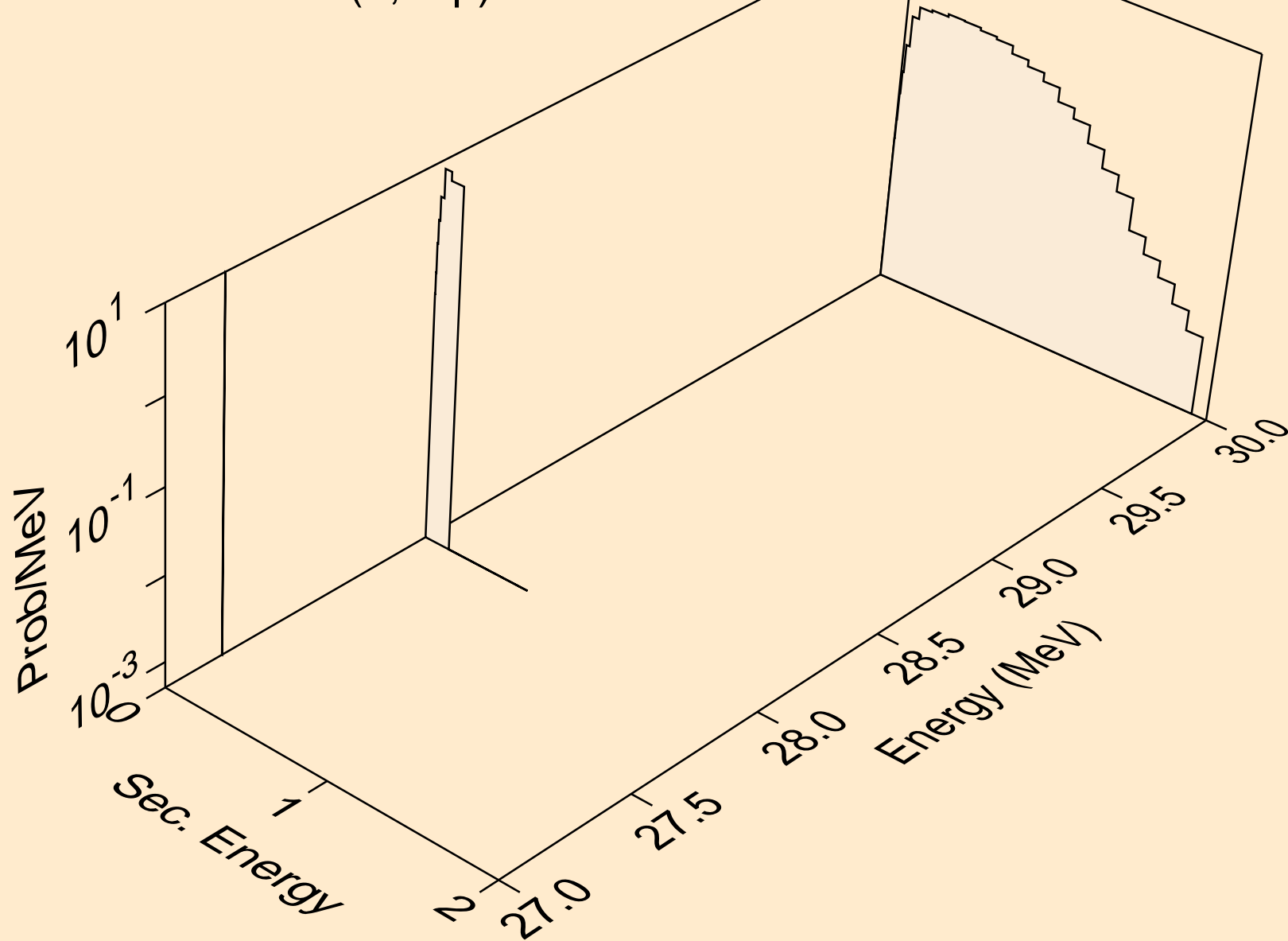
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



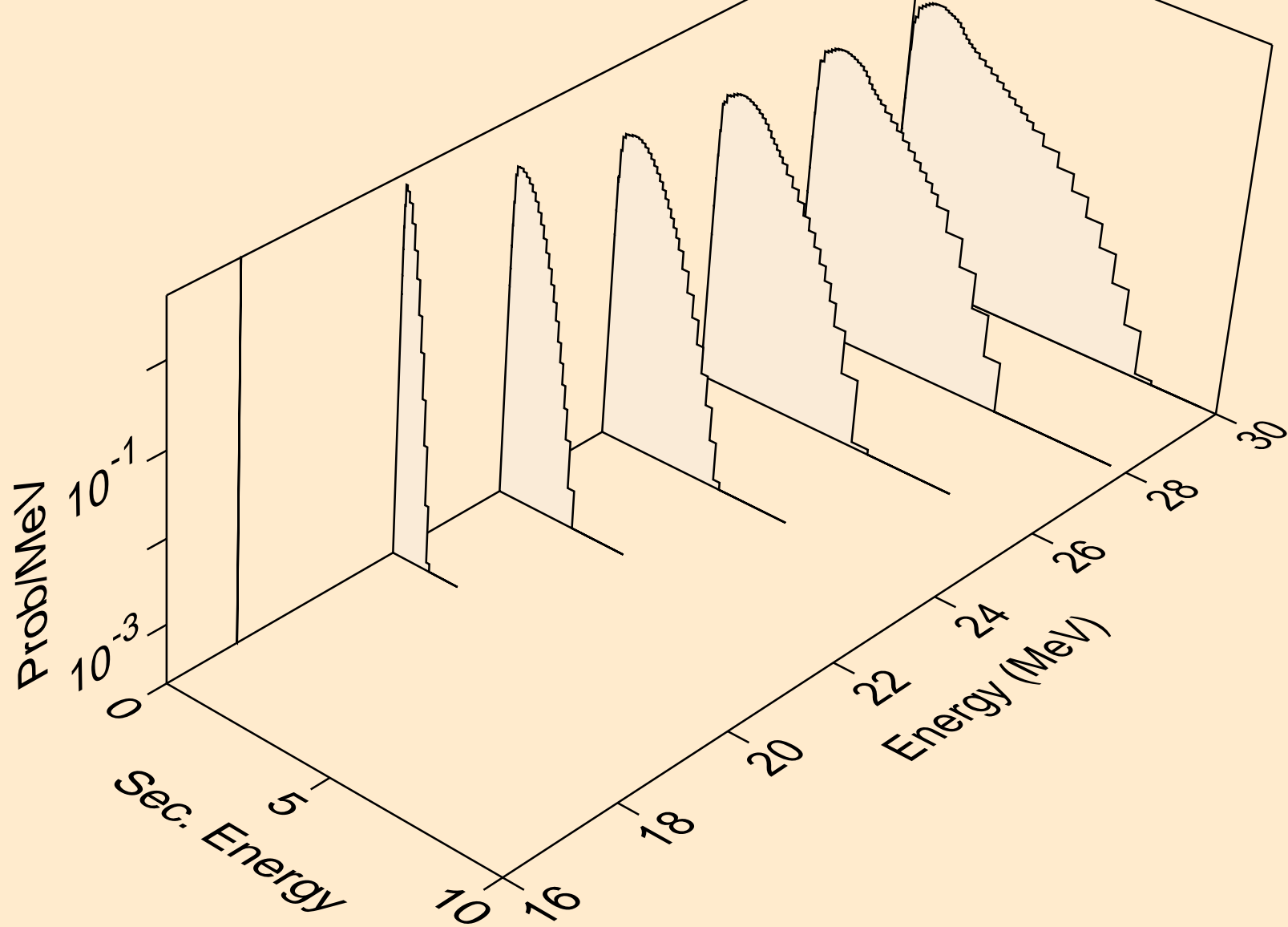
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



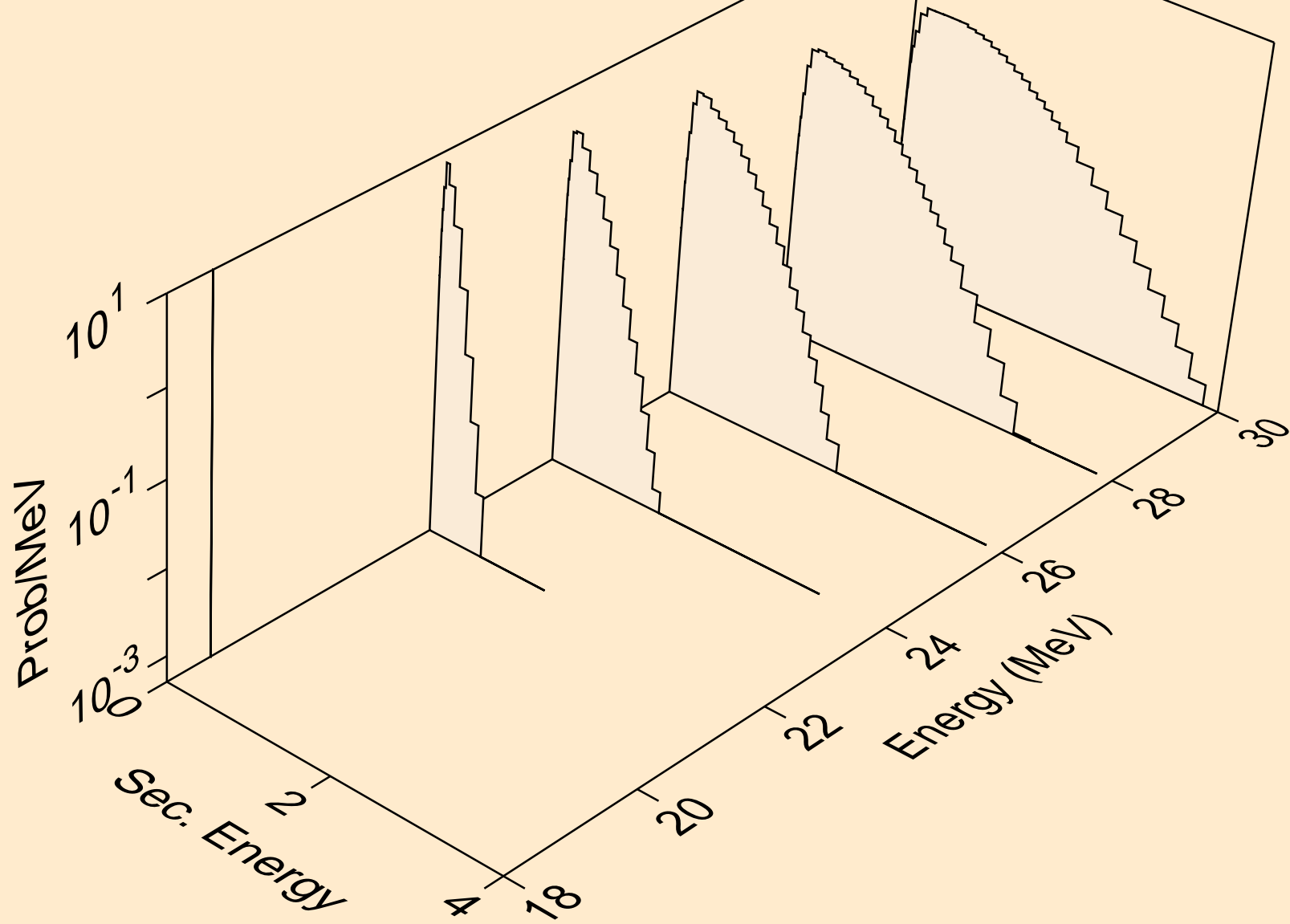
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



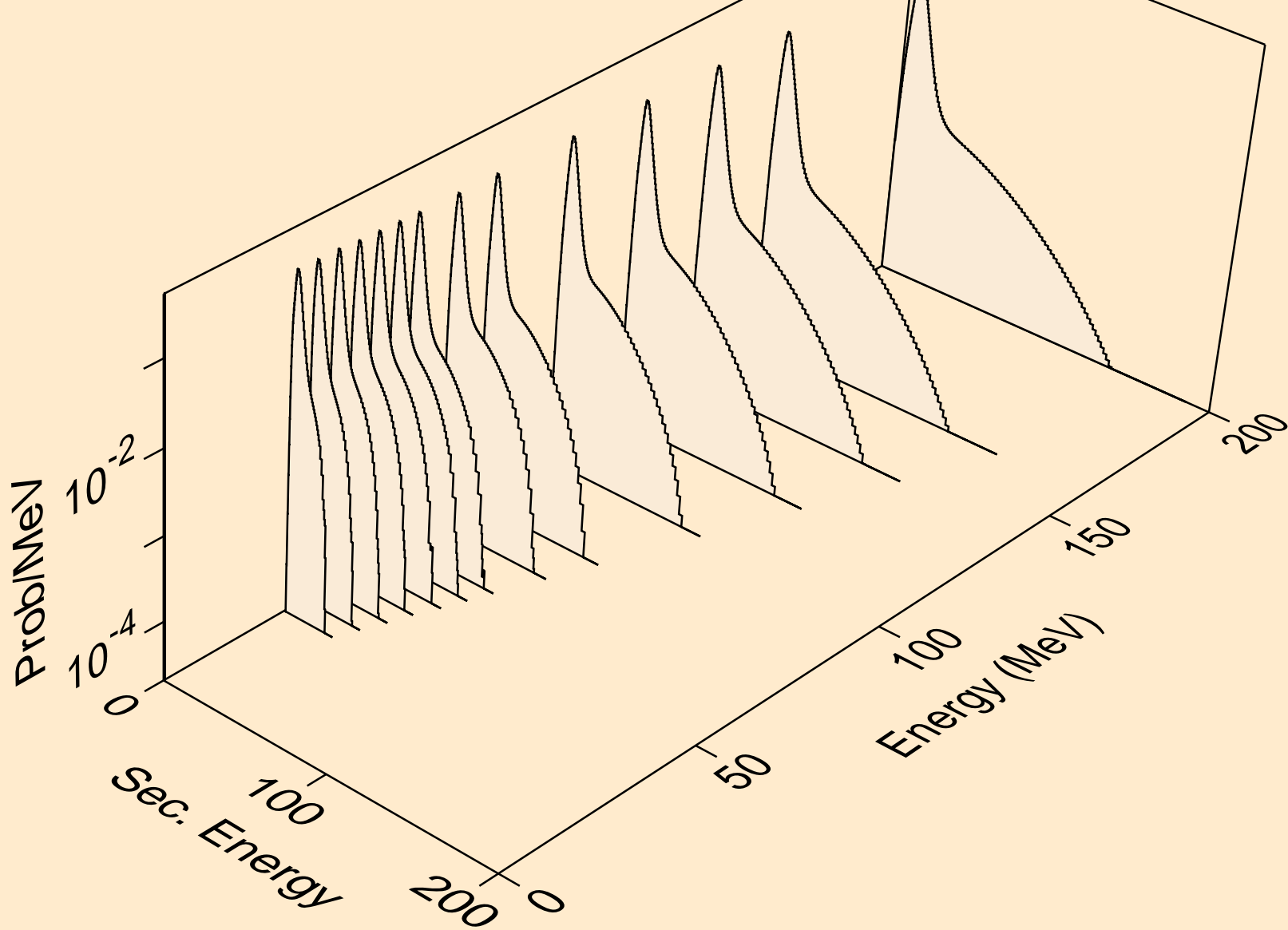
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



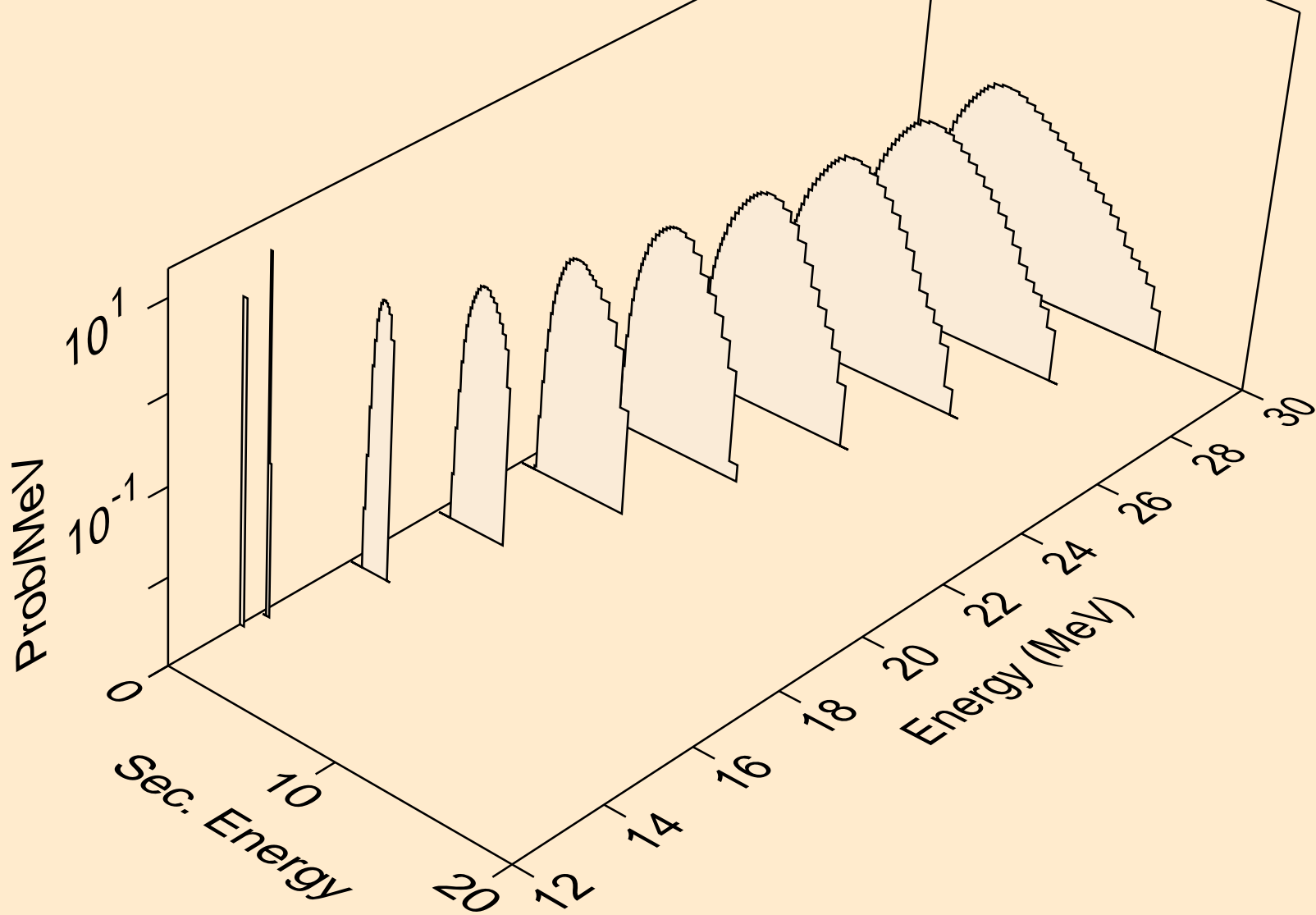
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



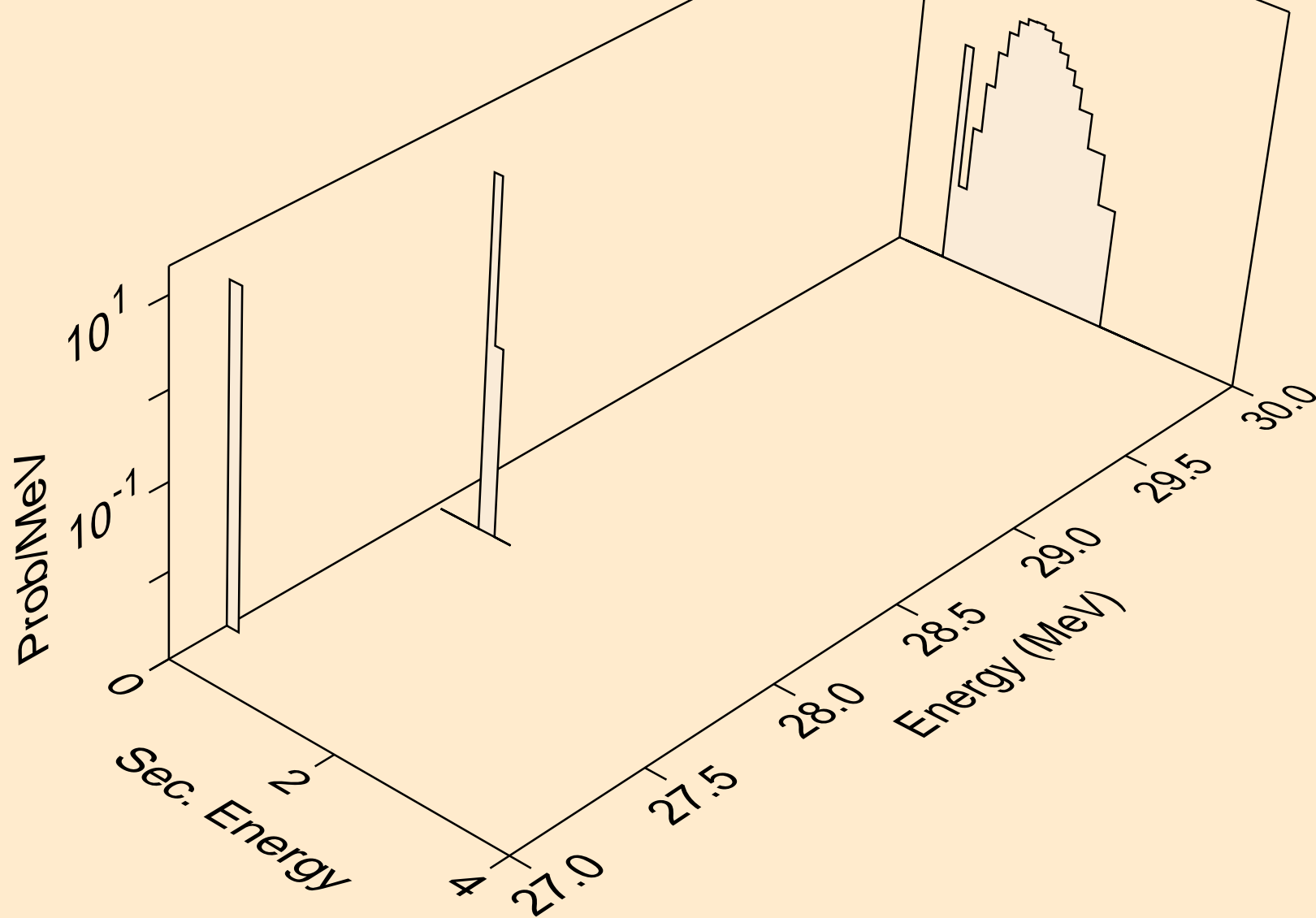
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



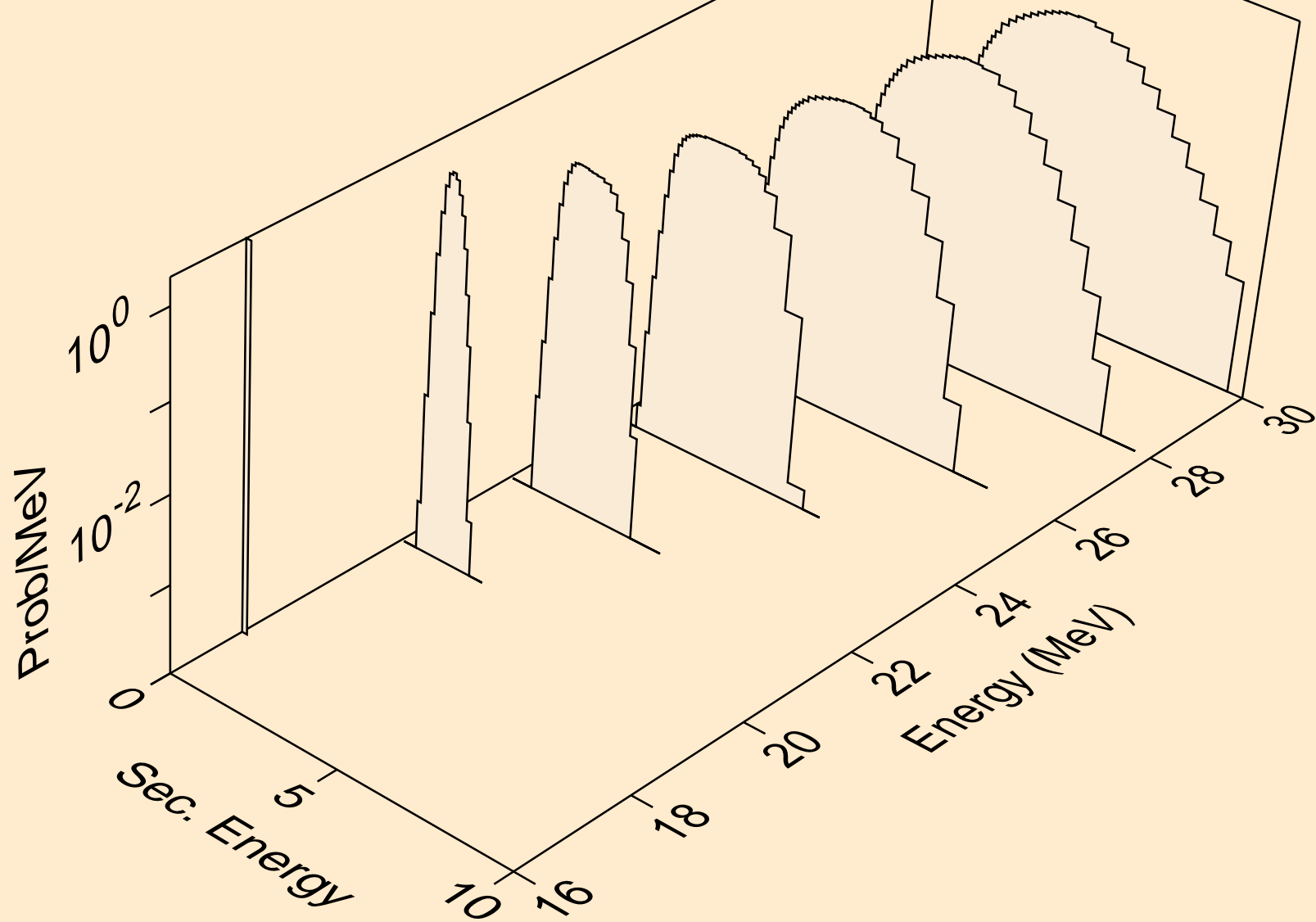
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



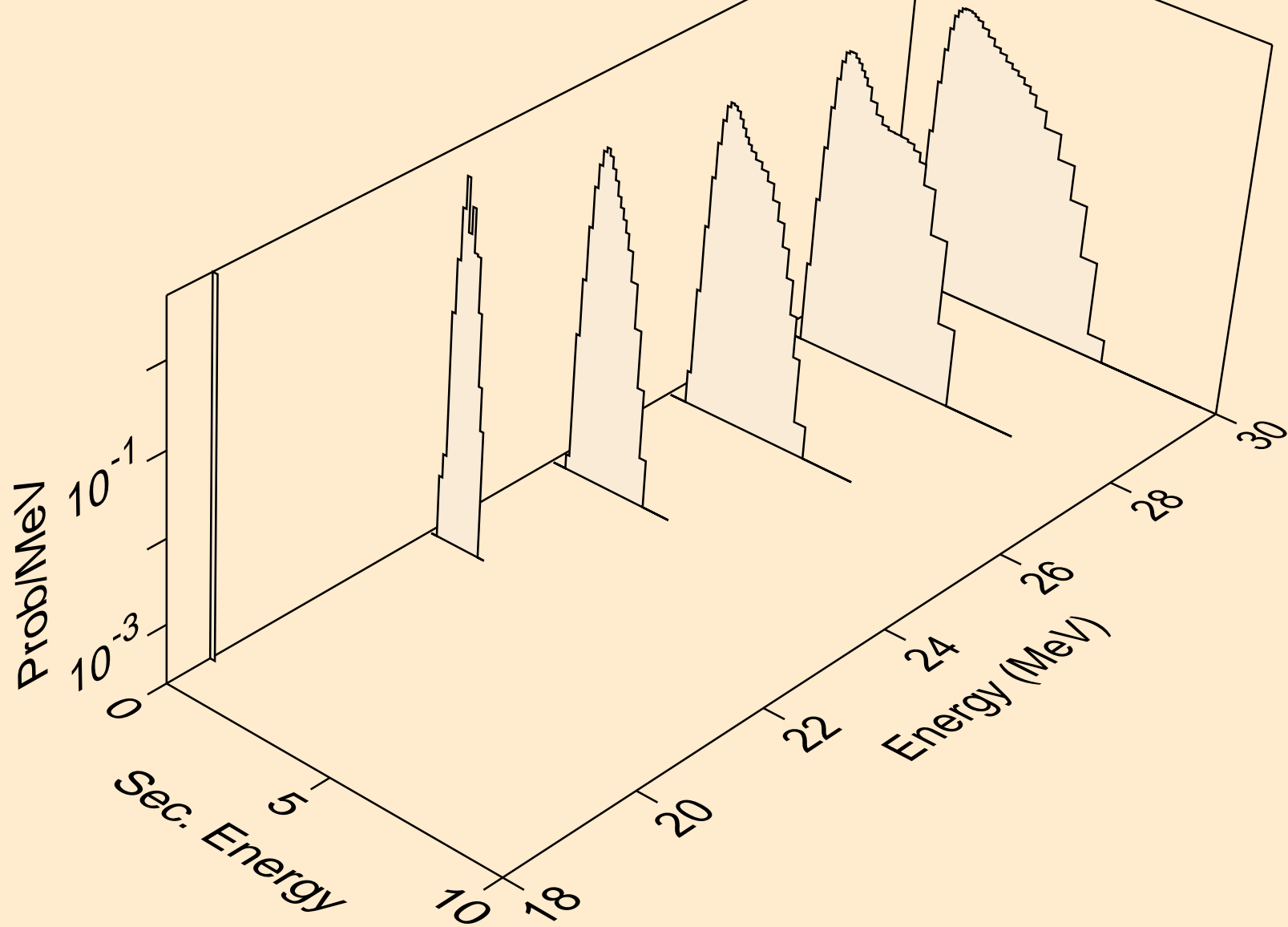
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



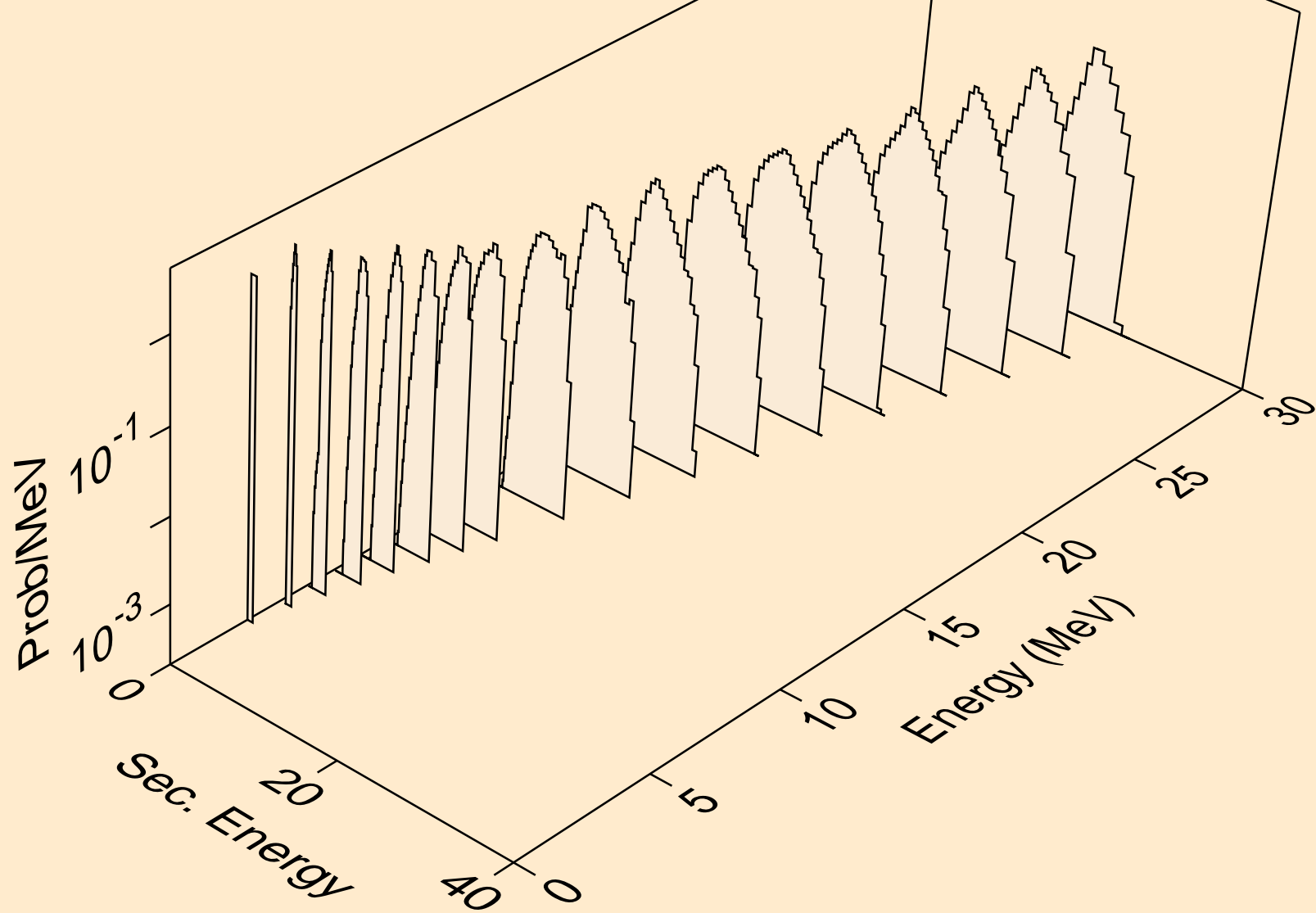
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



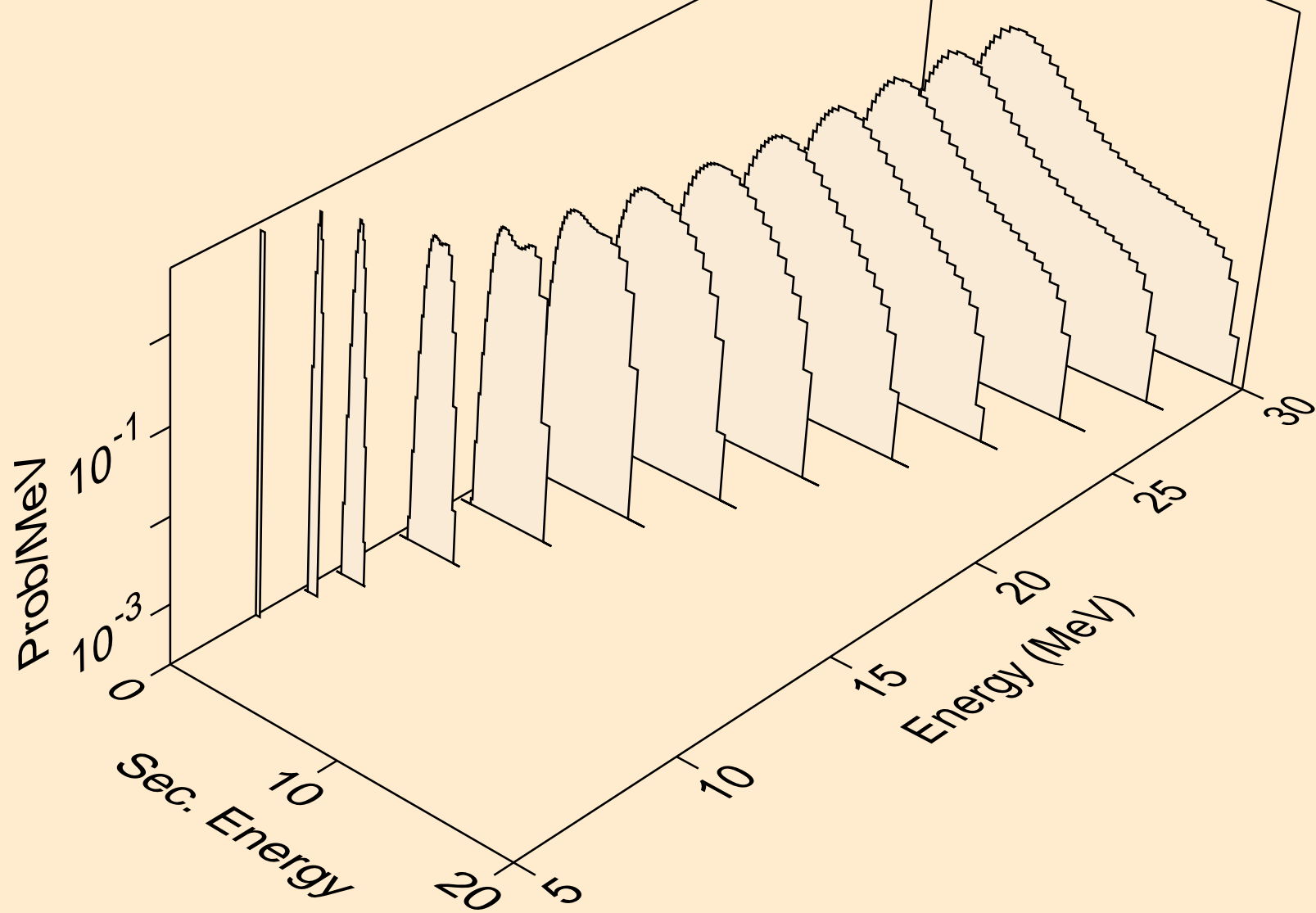
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



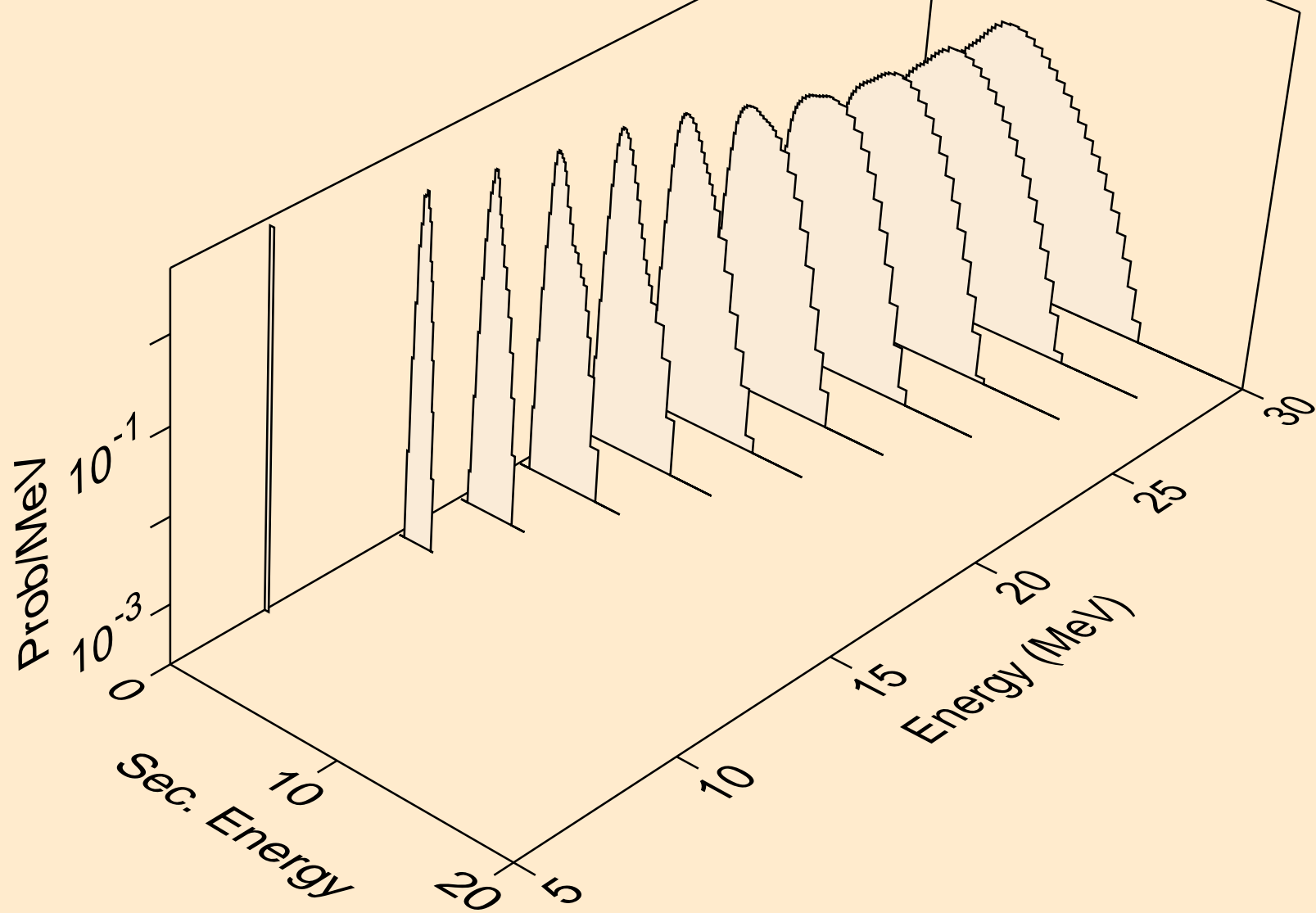
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



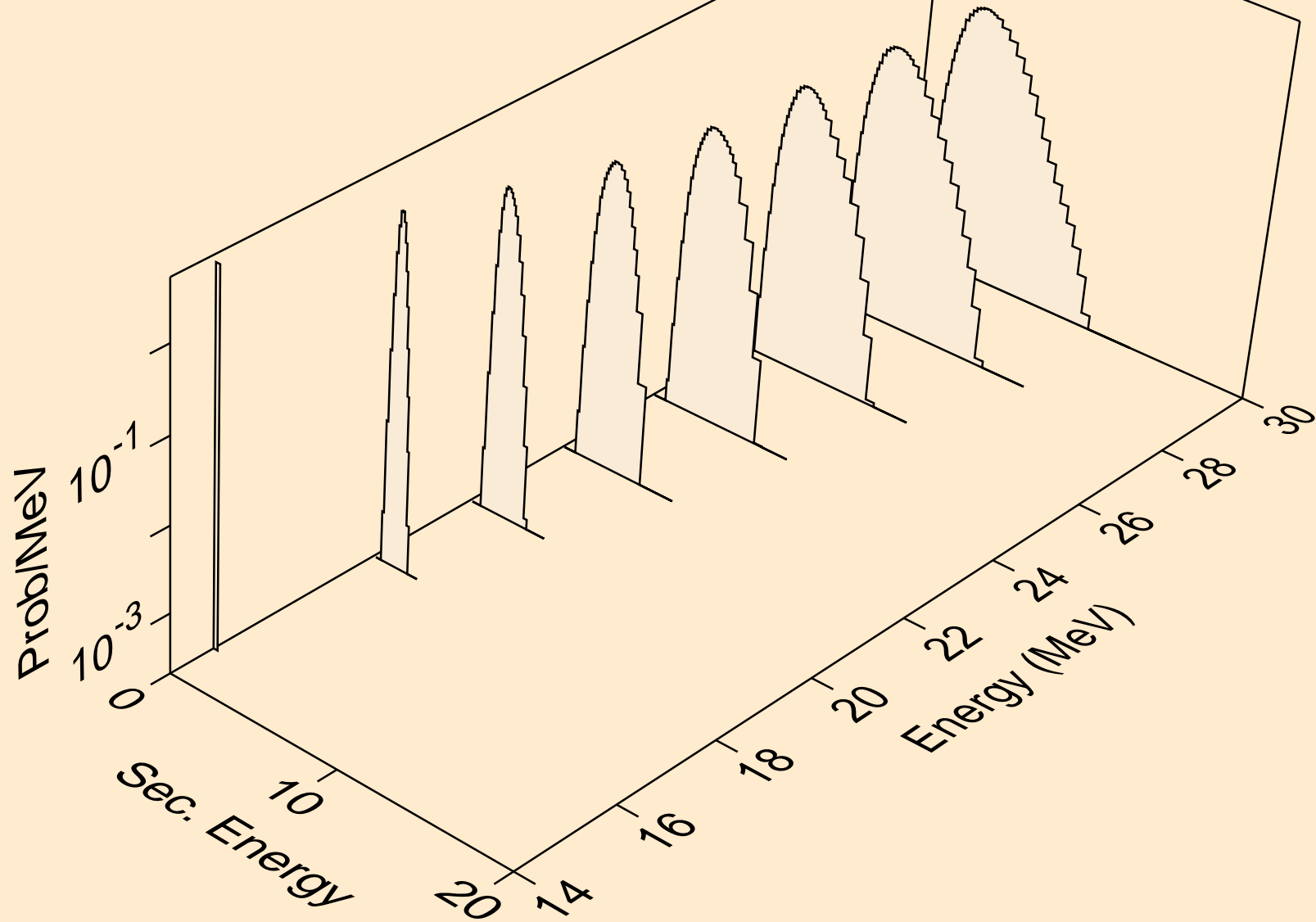
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



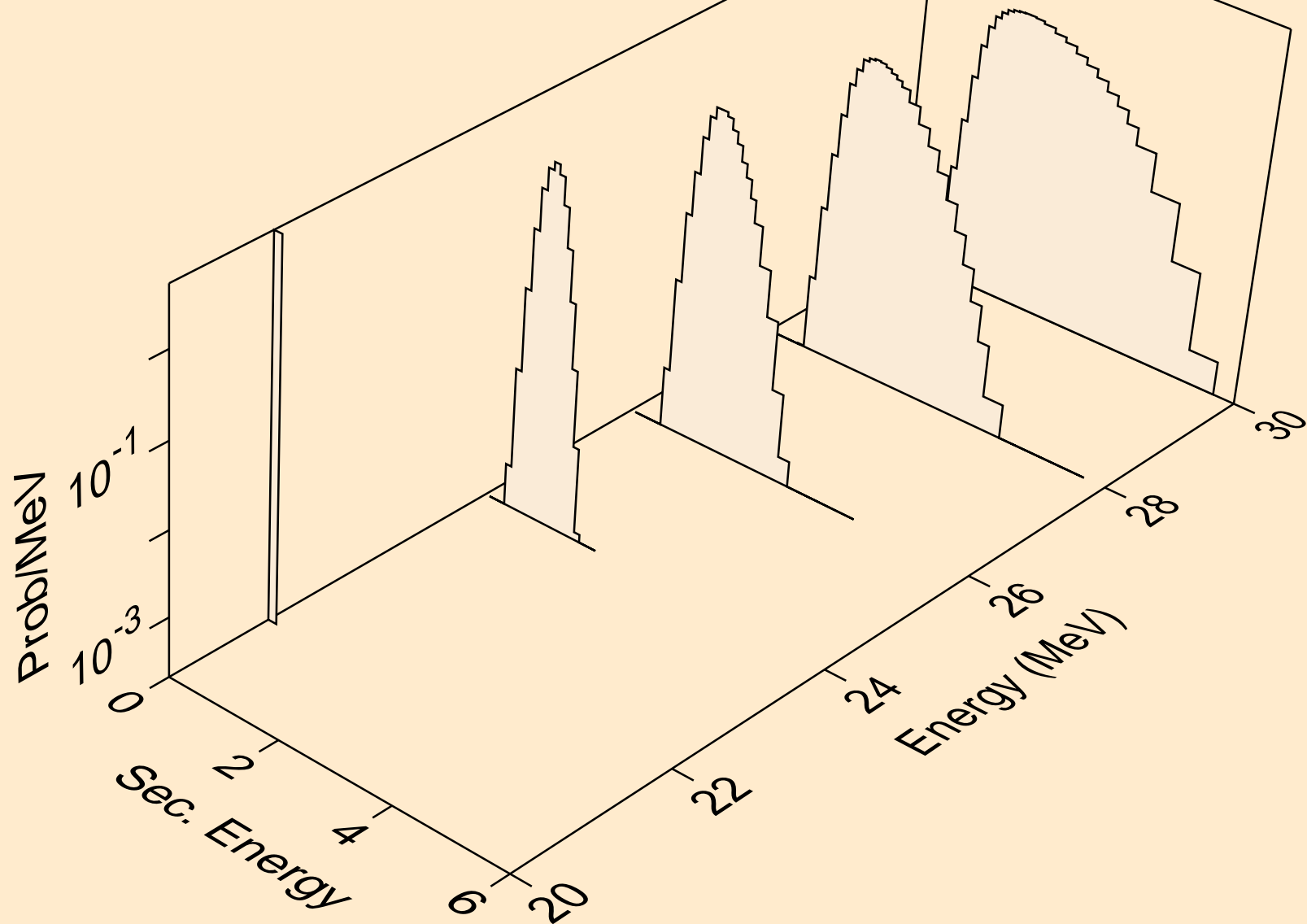
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



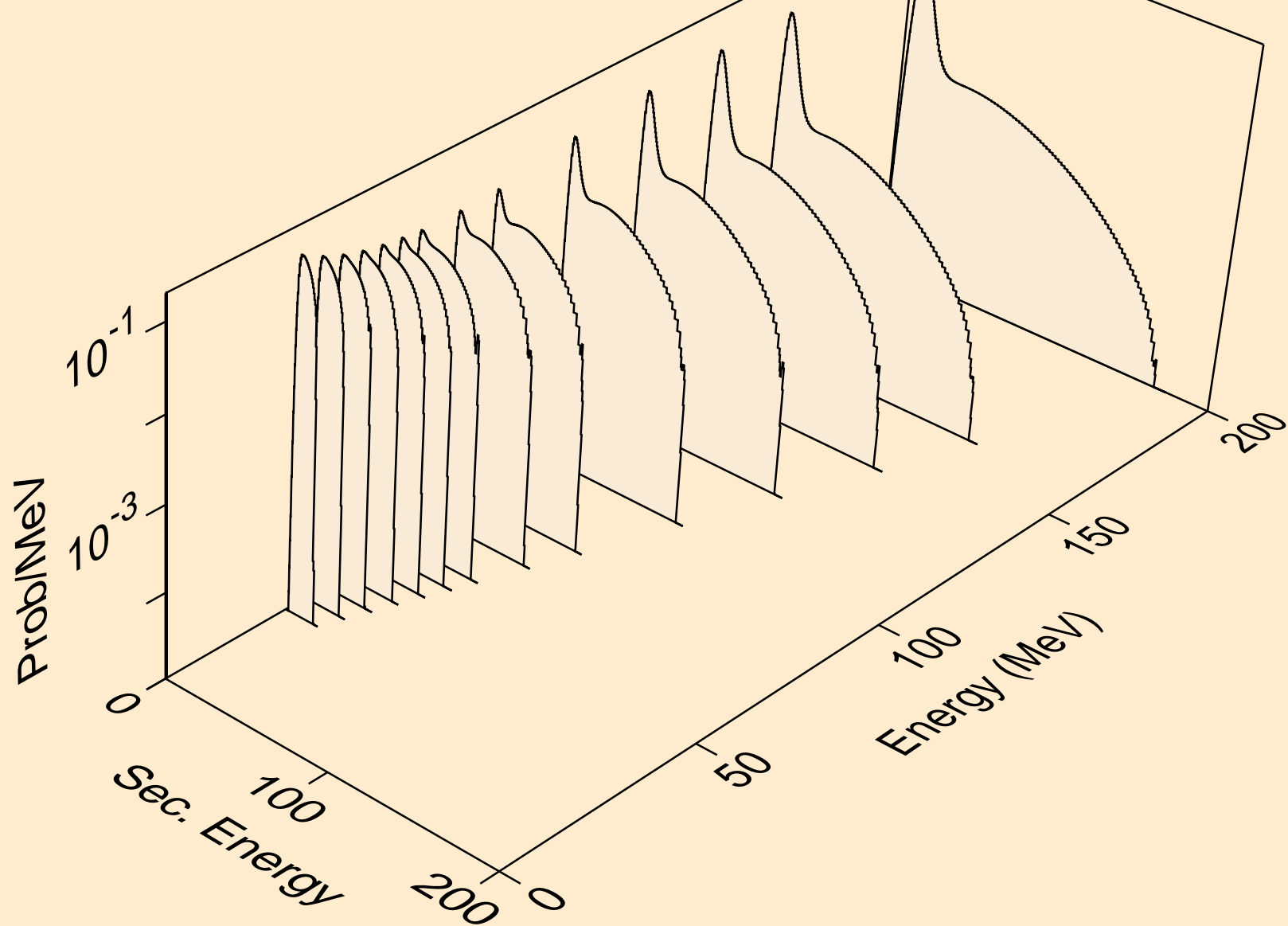
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



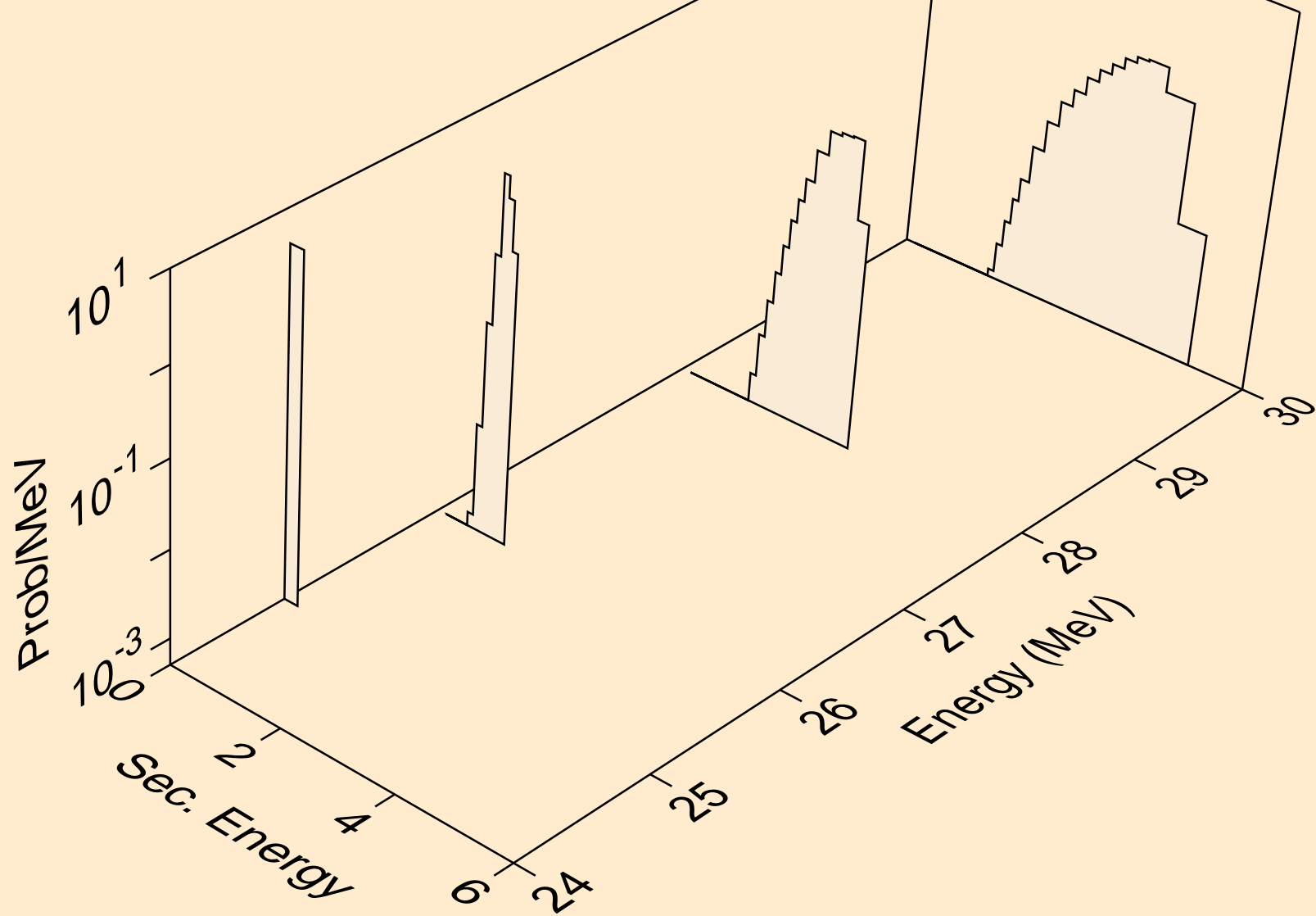
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



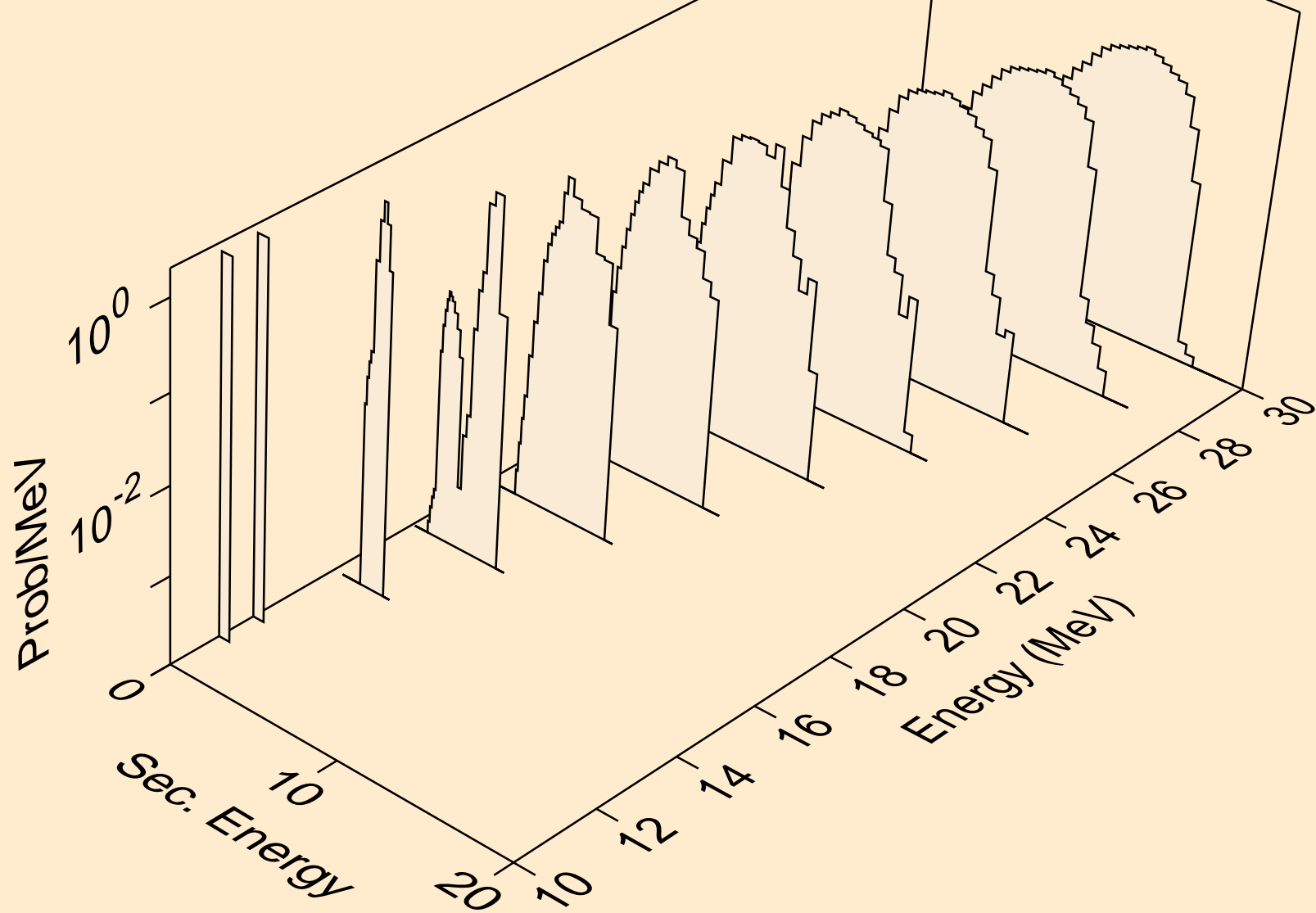
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



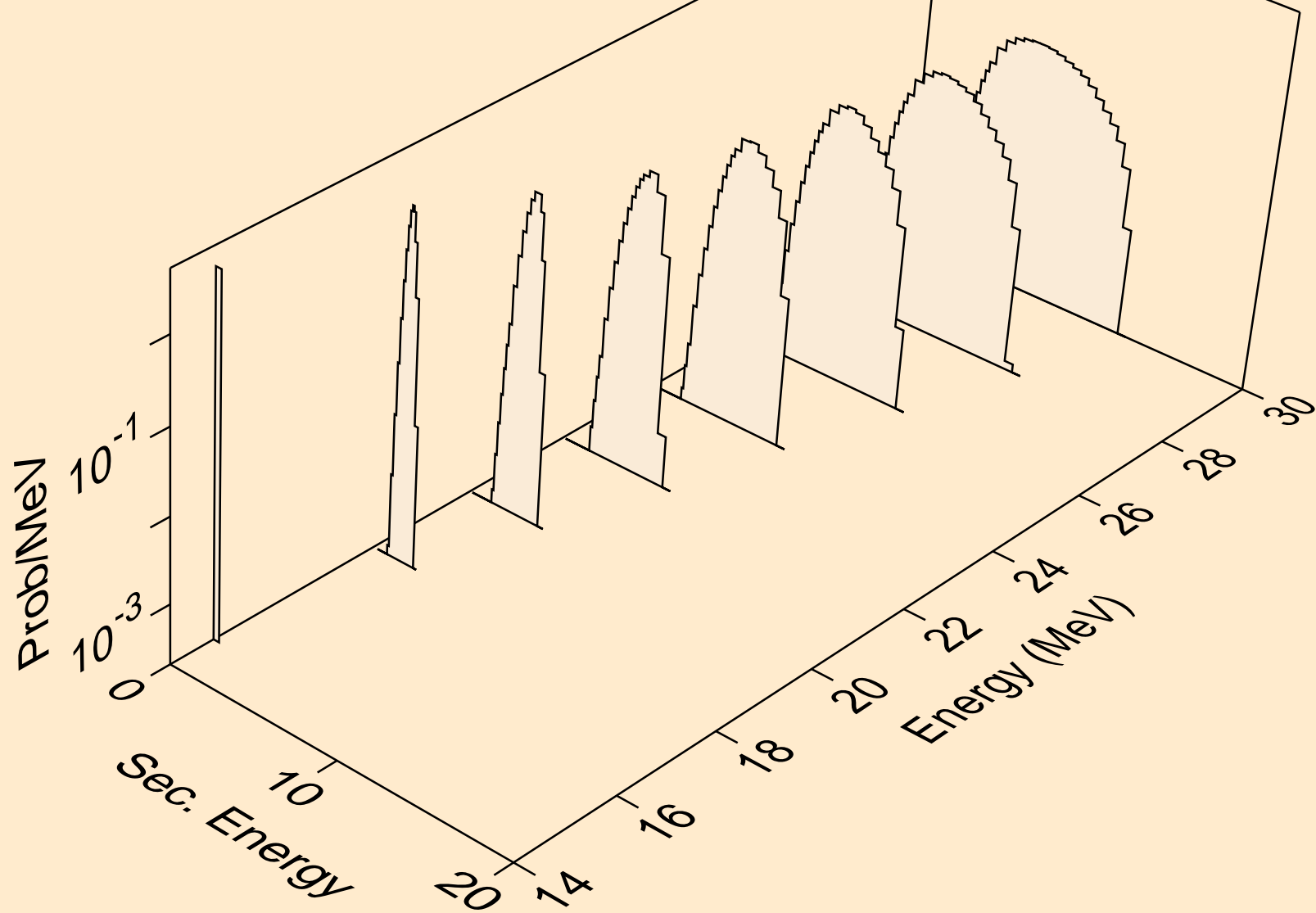
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



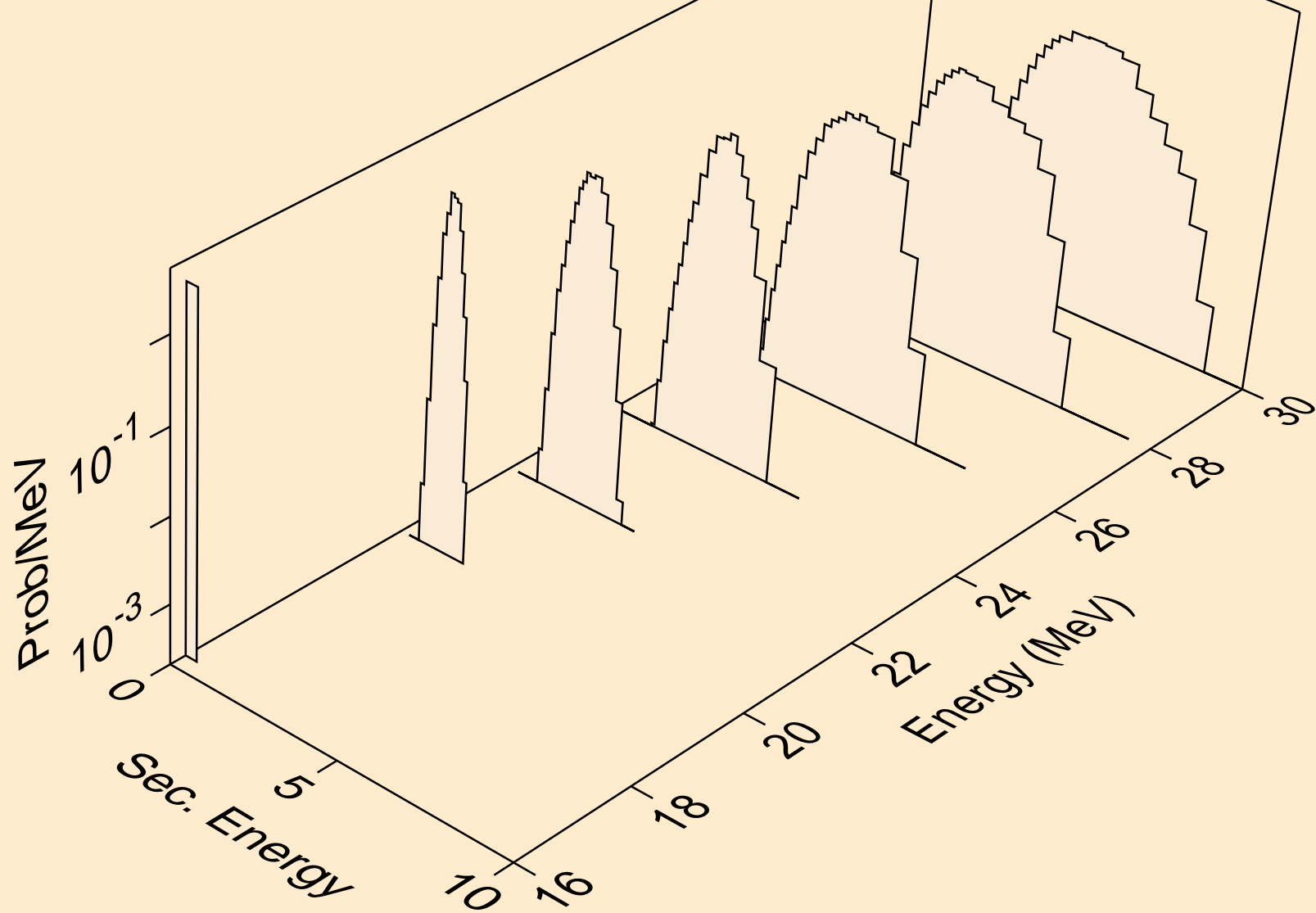
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



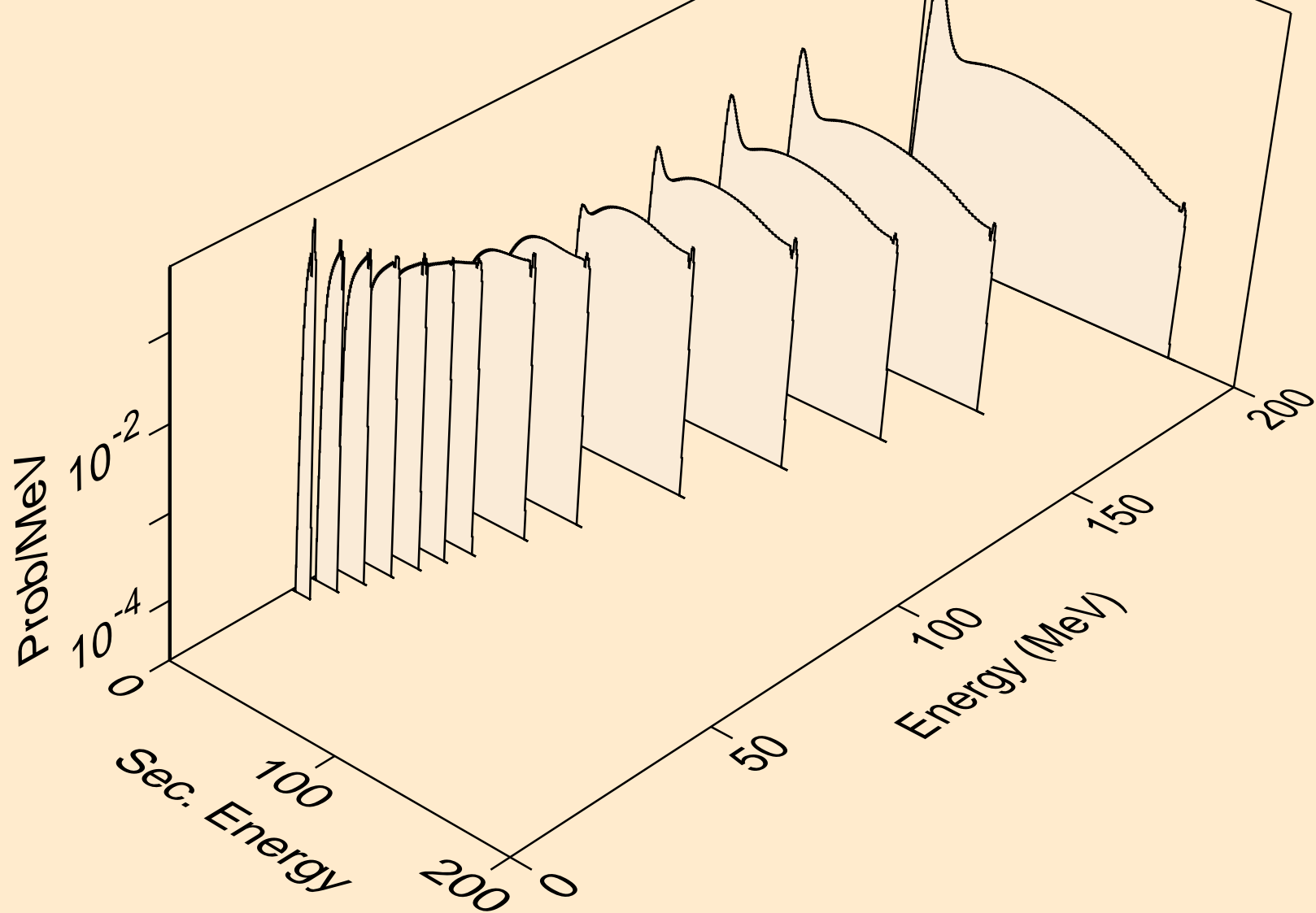
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



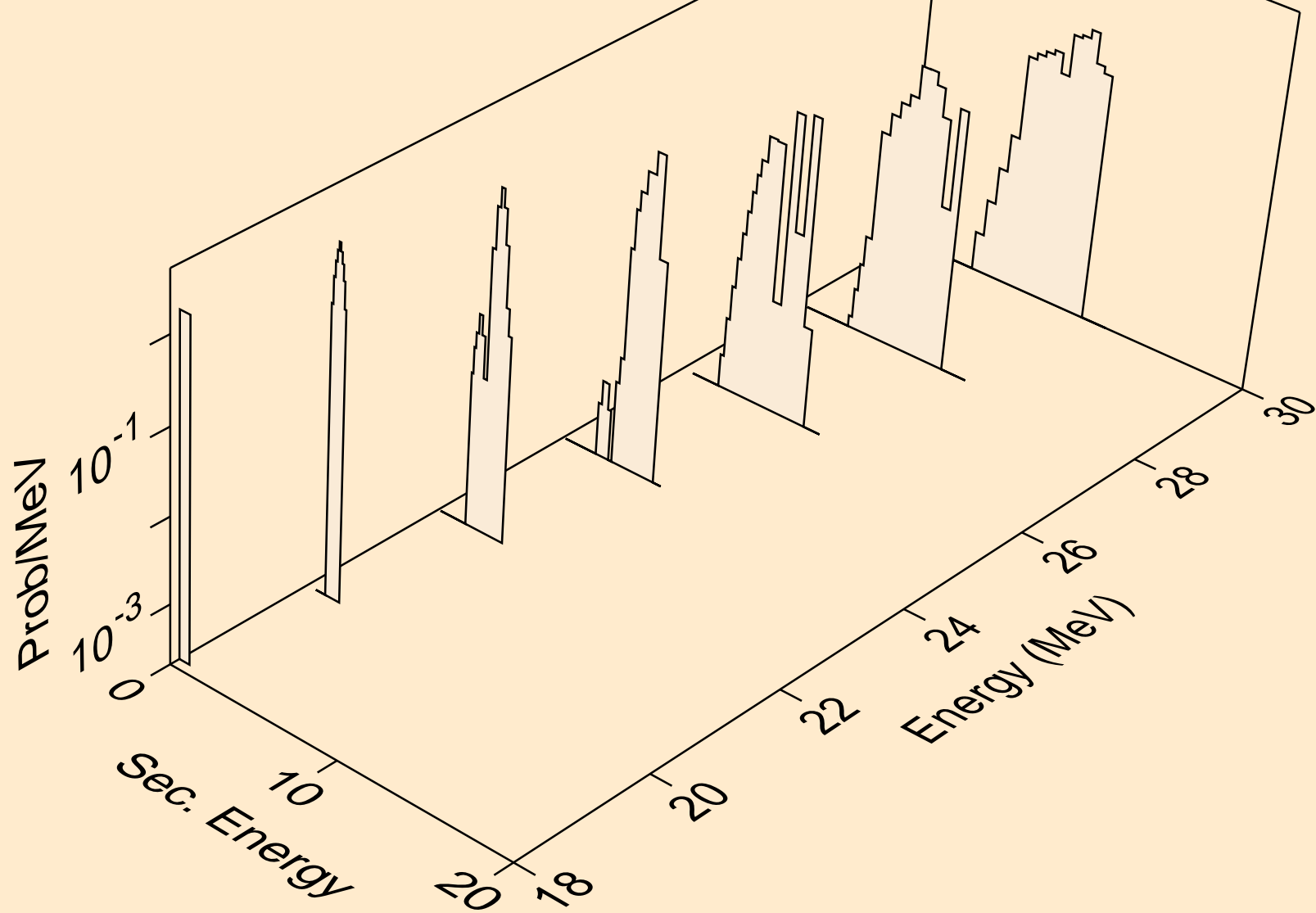
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



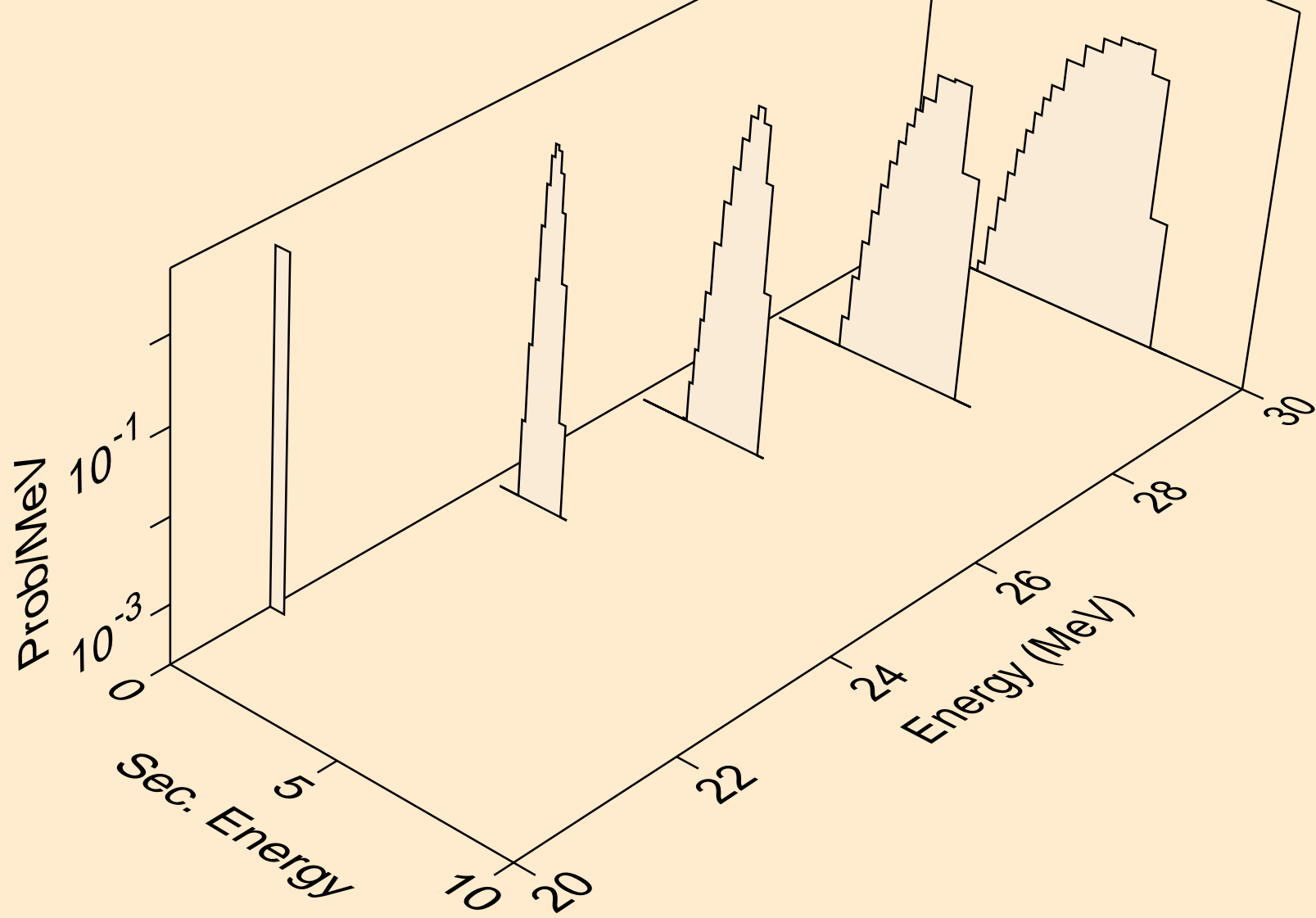
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



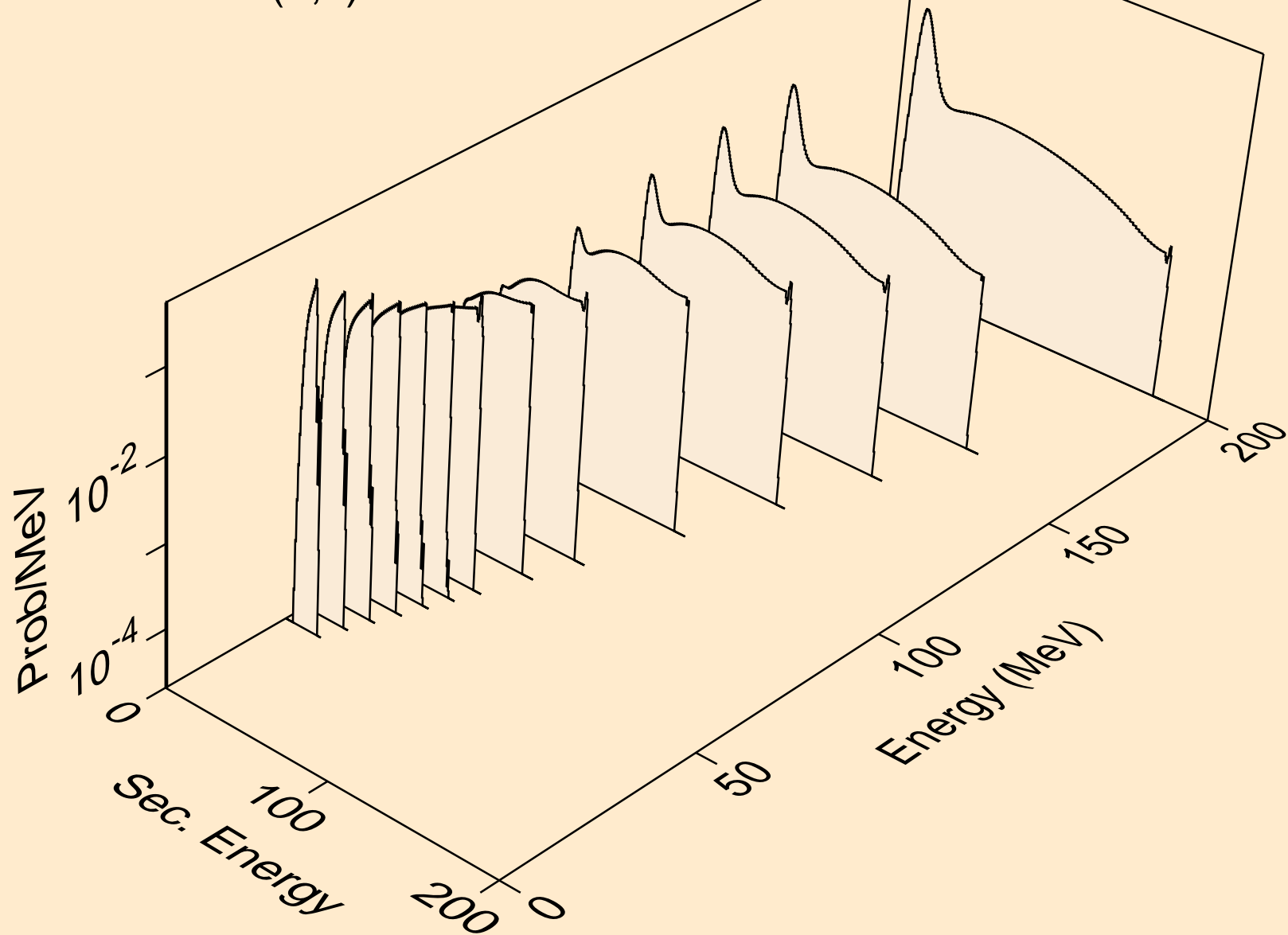
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



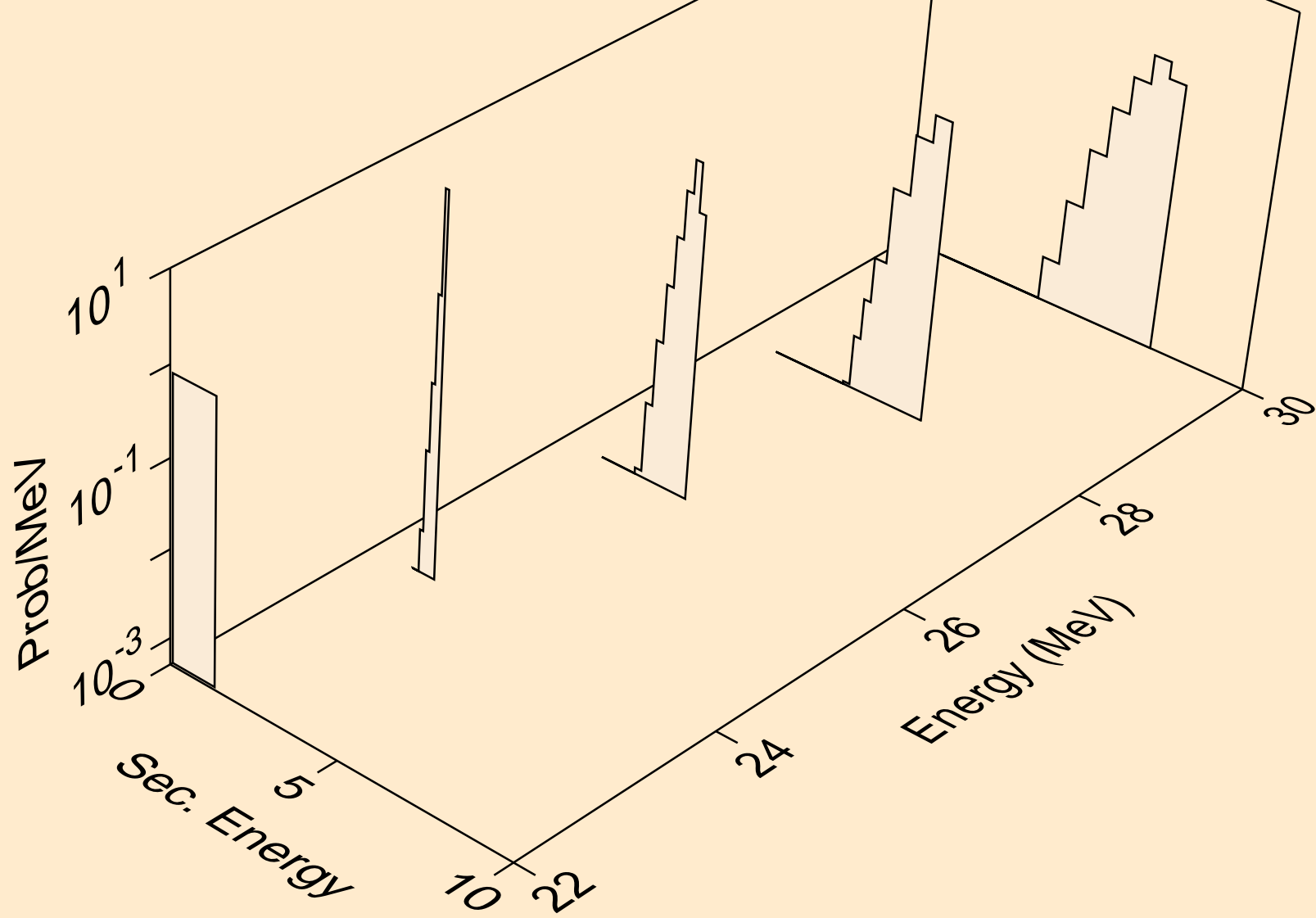
NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



NI057 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

