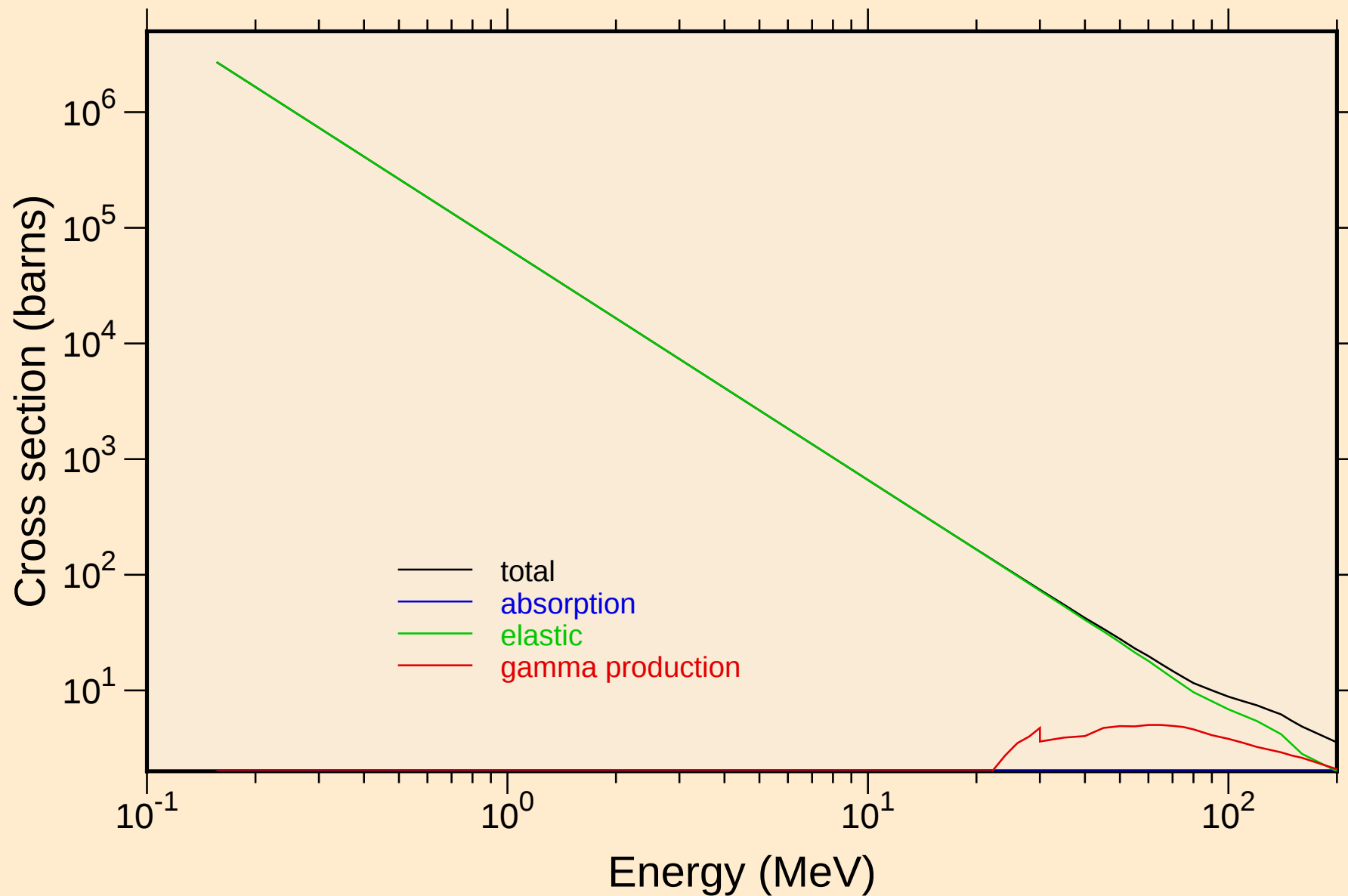


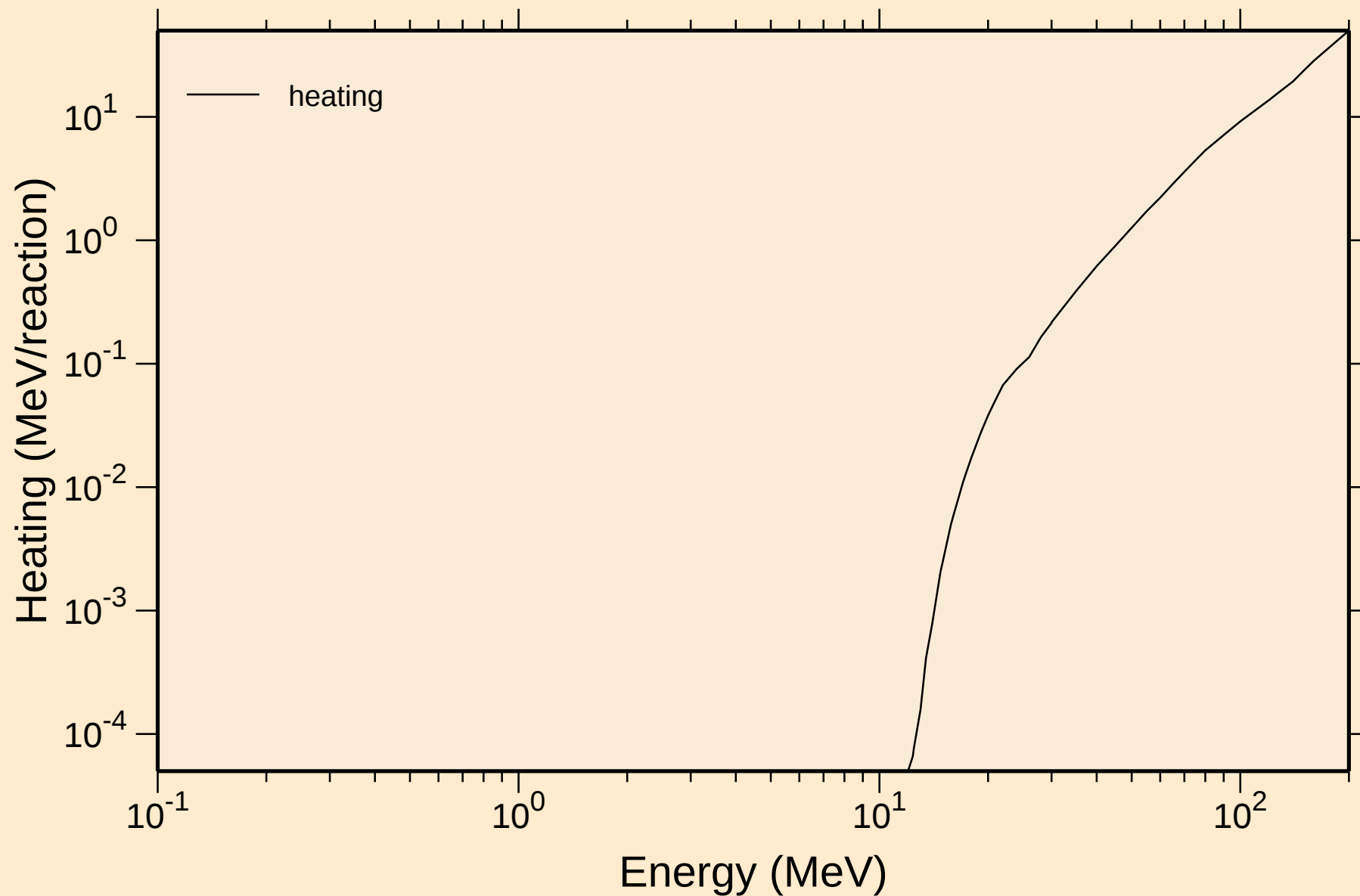
# SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



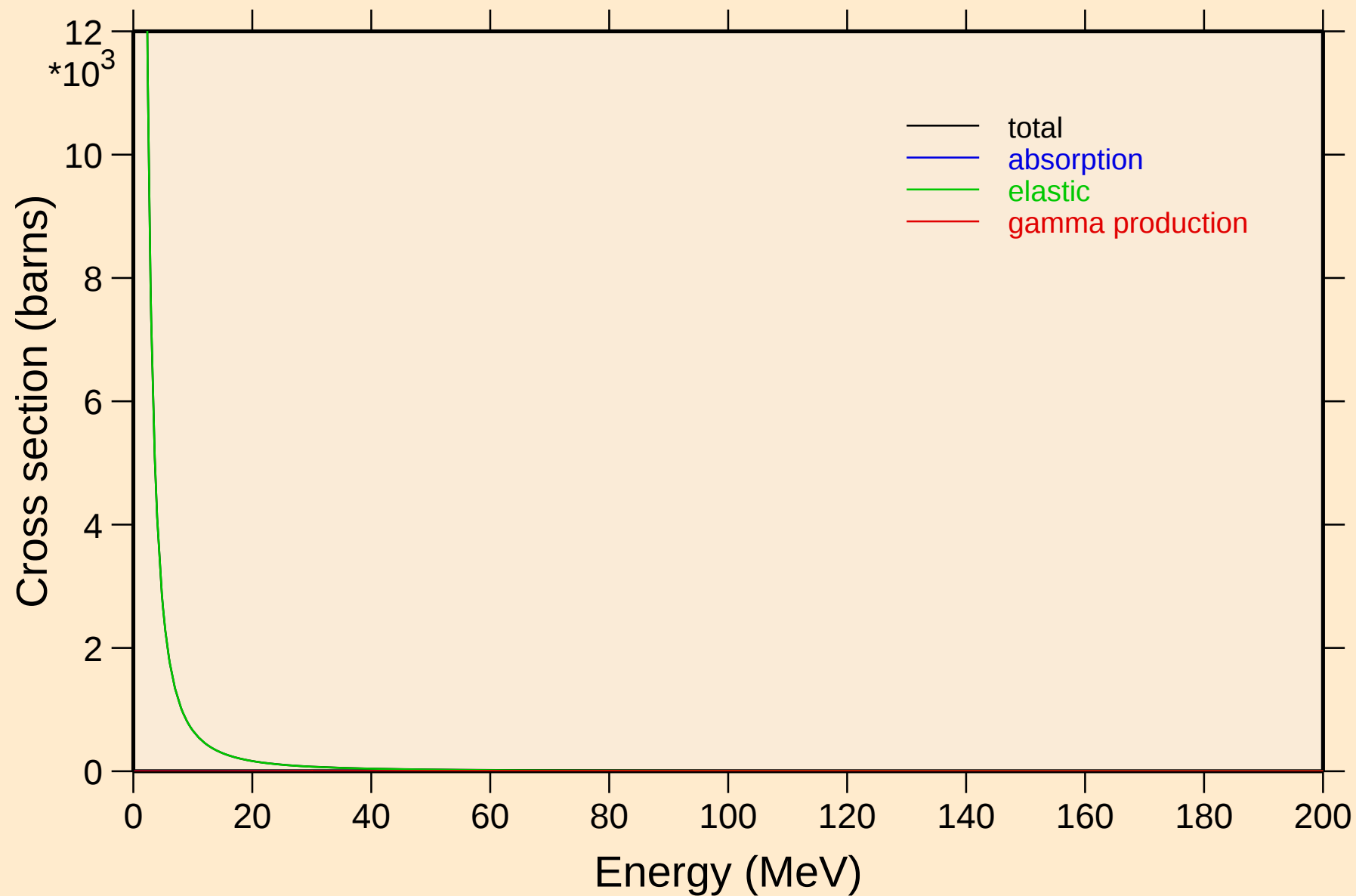
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



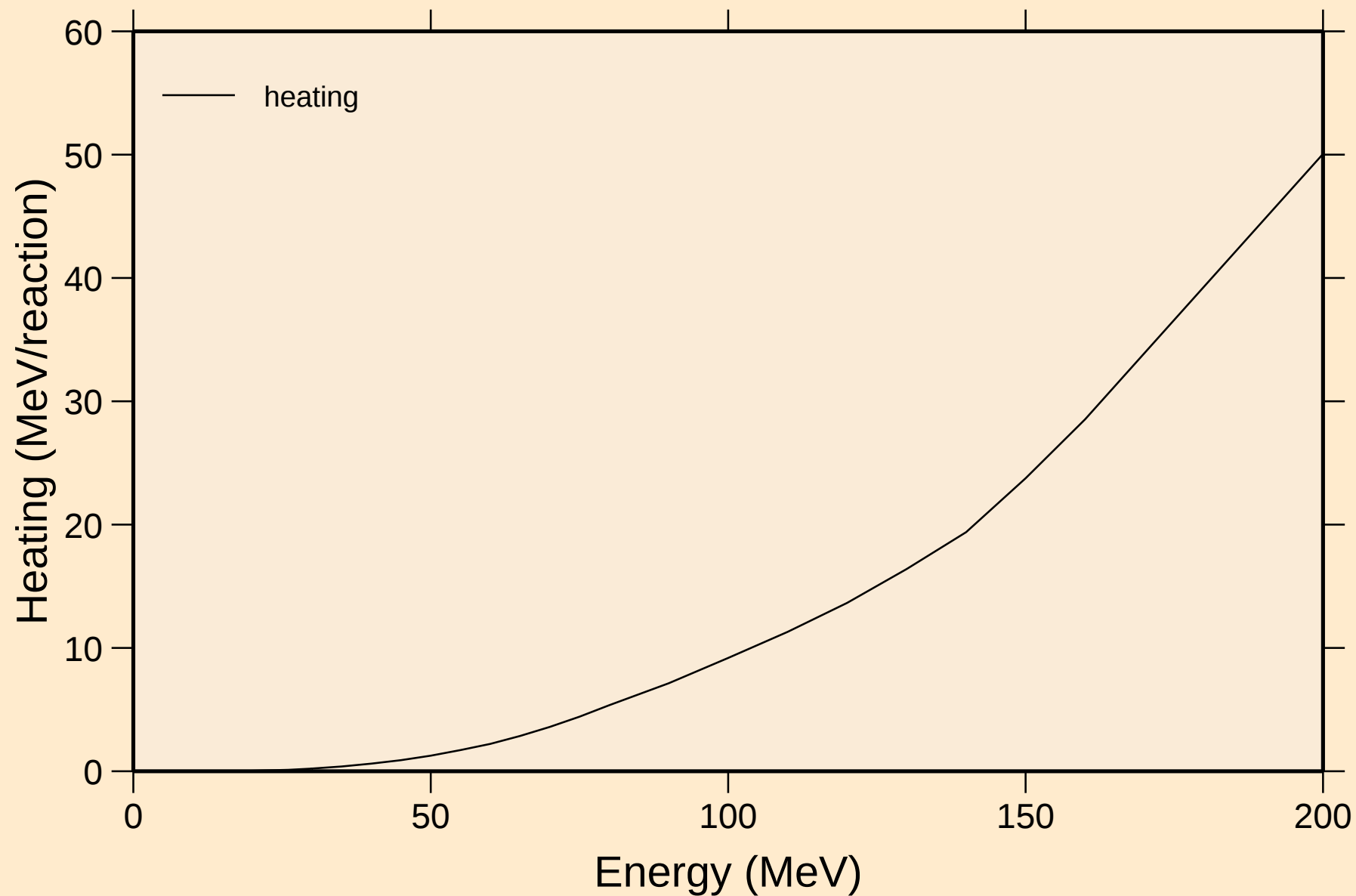
# SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



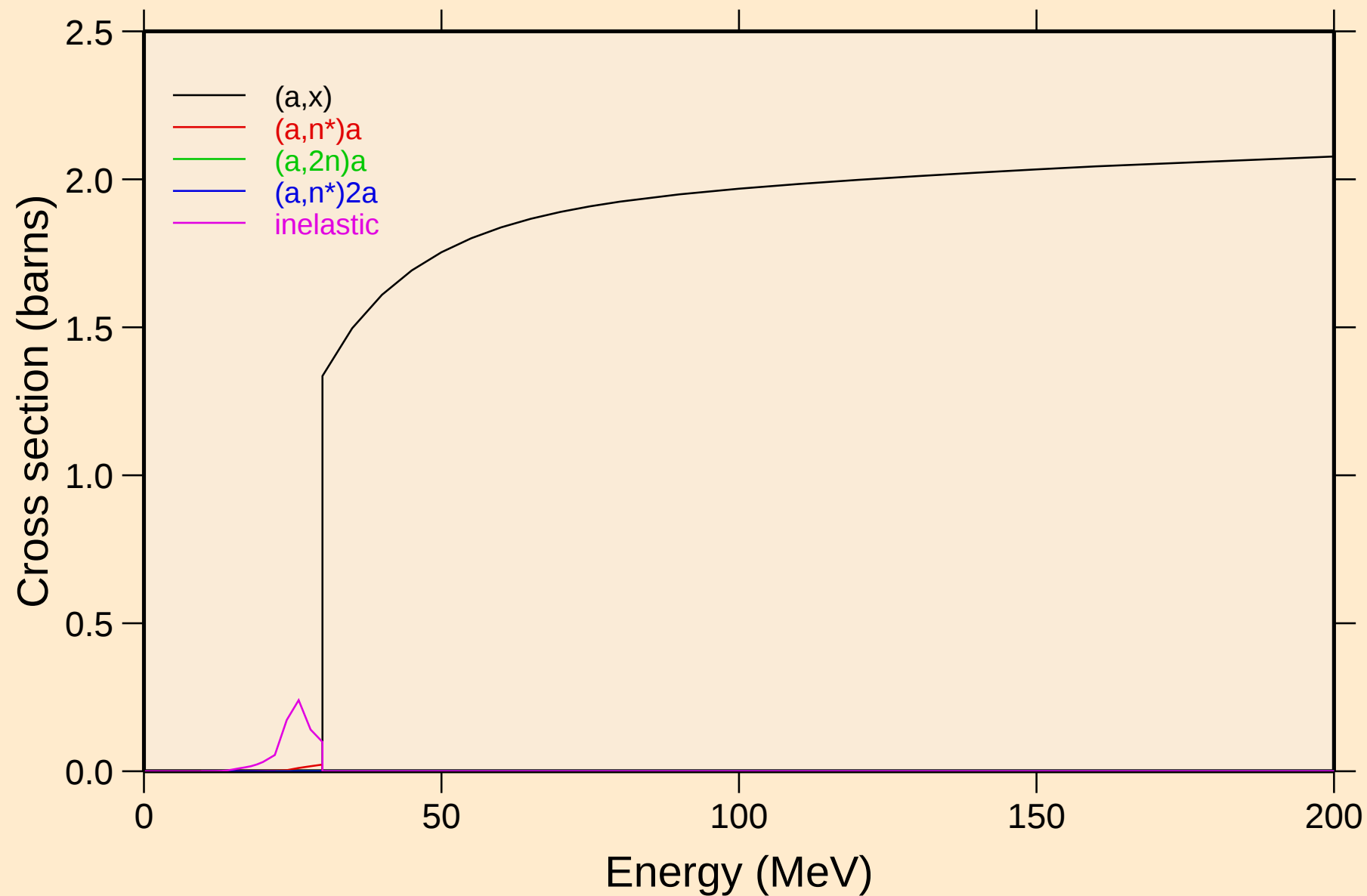
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



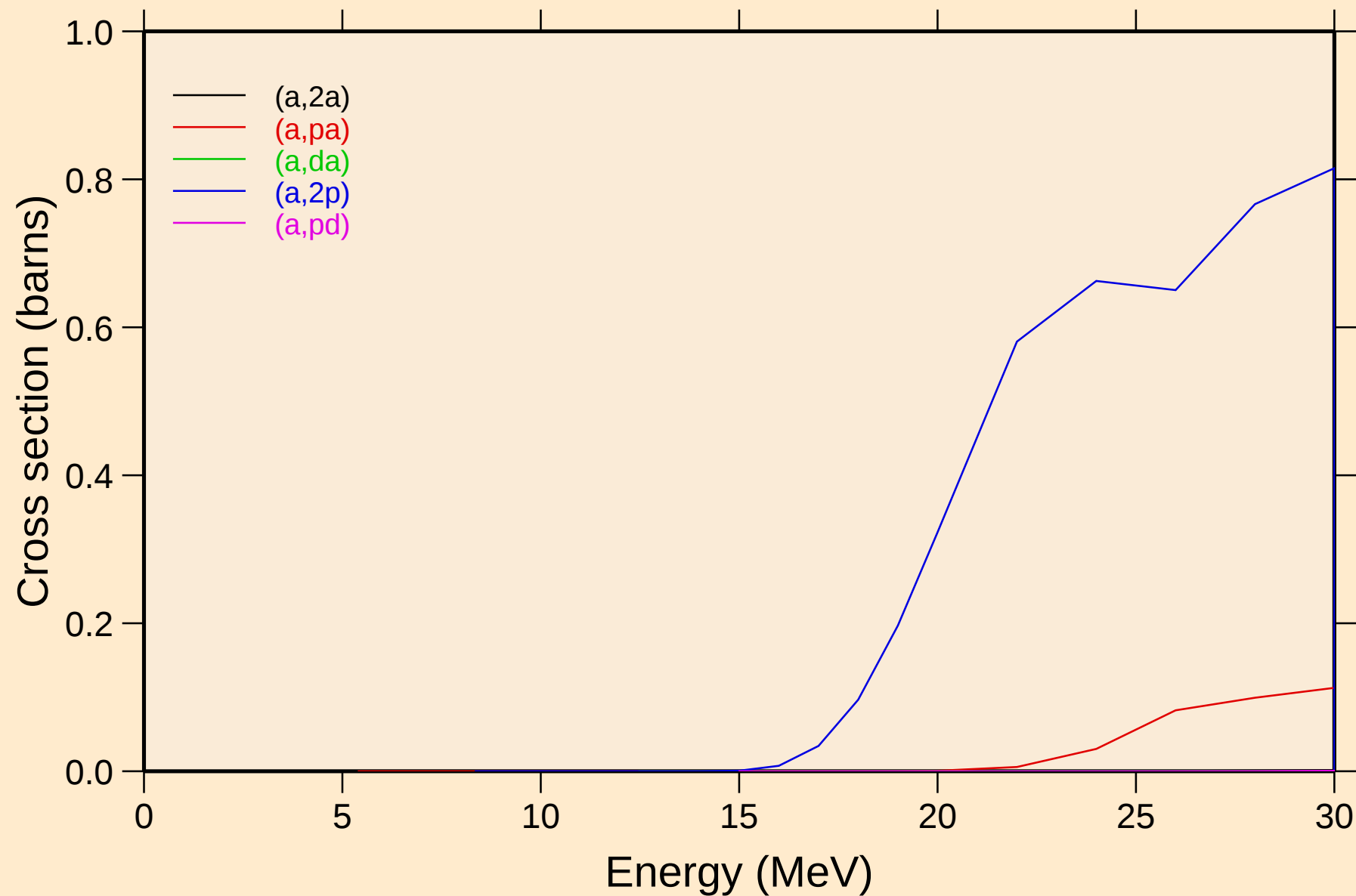
# SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



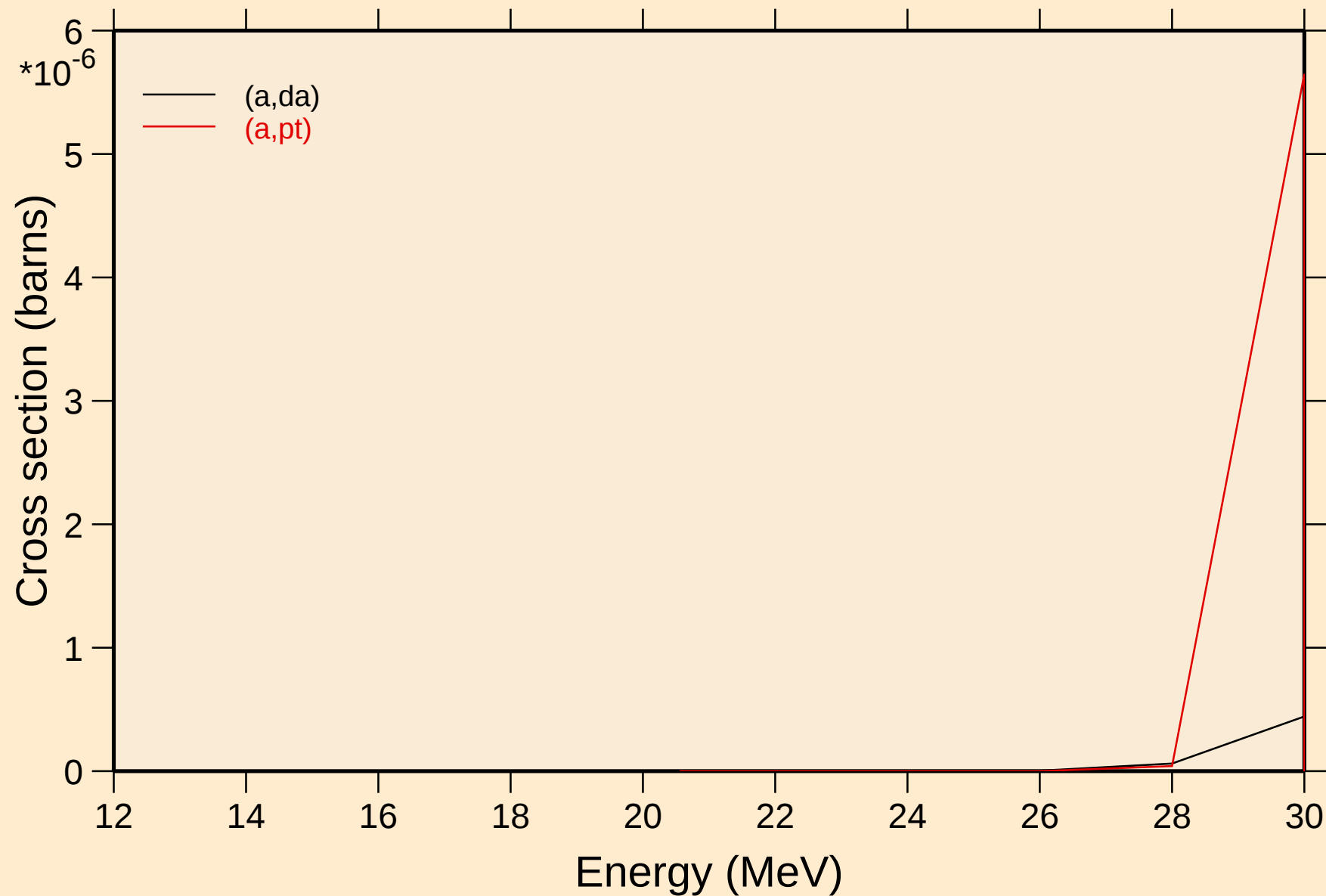
# SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



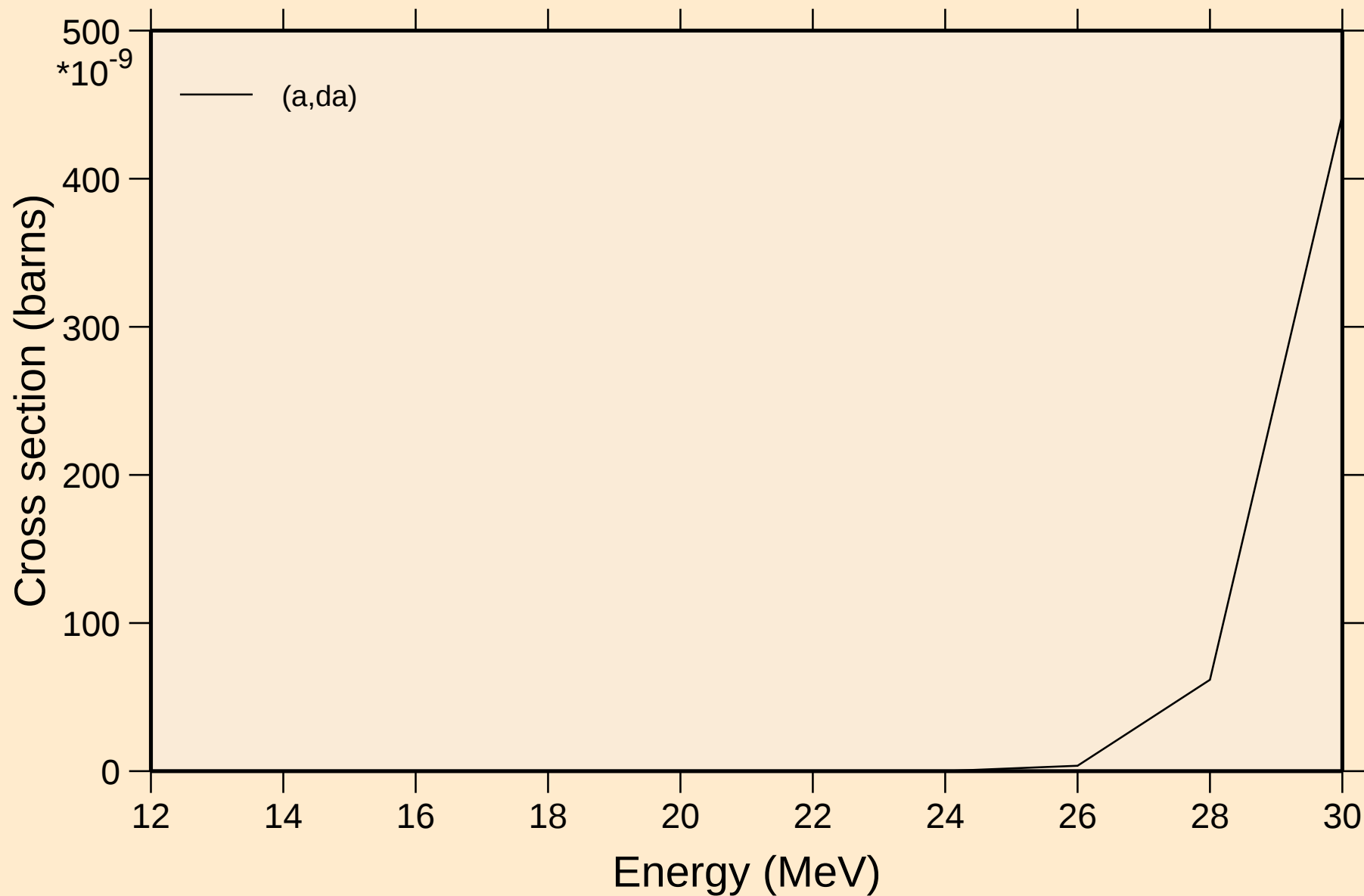
# SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

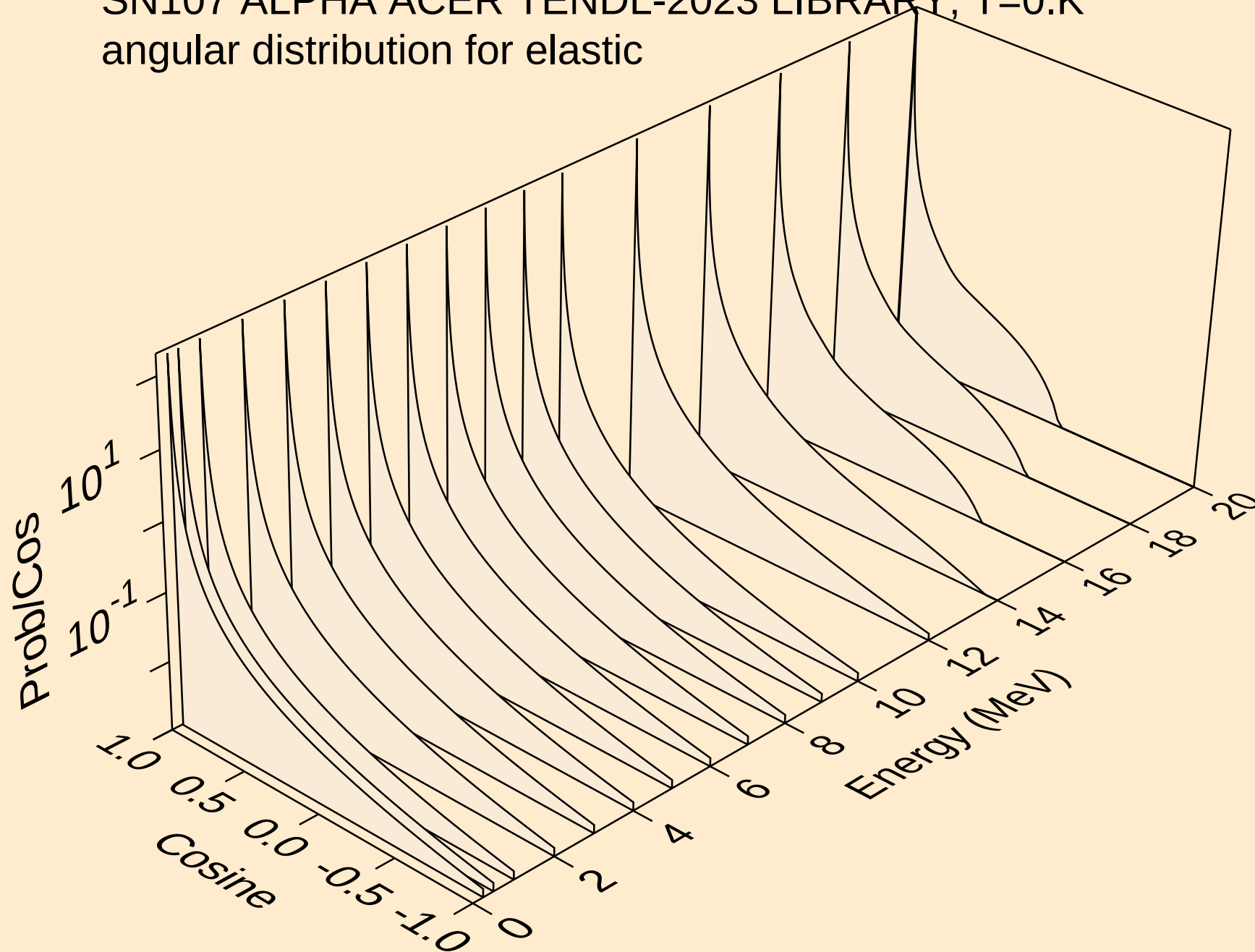


# SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

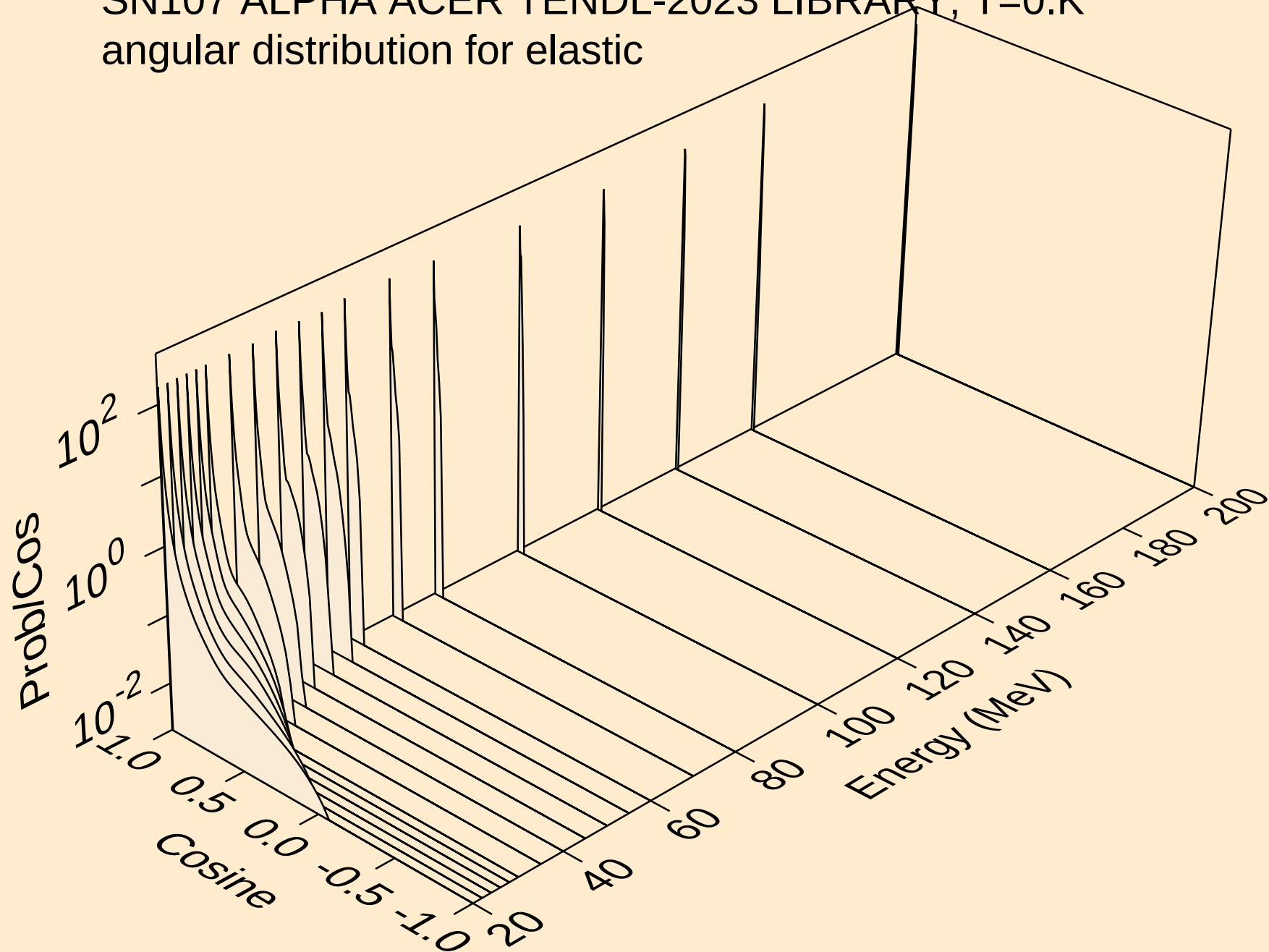
Threshold reactions



SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

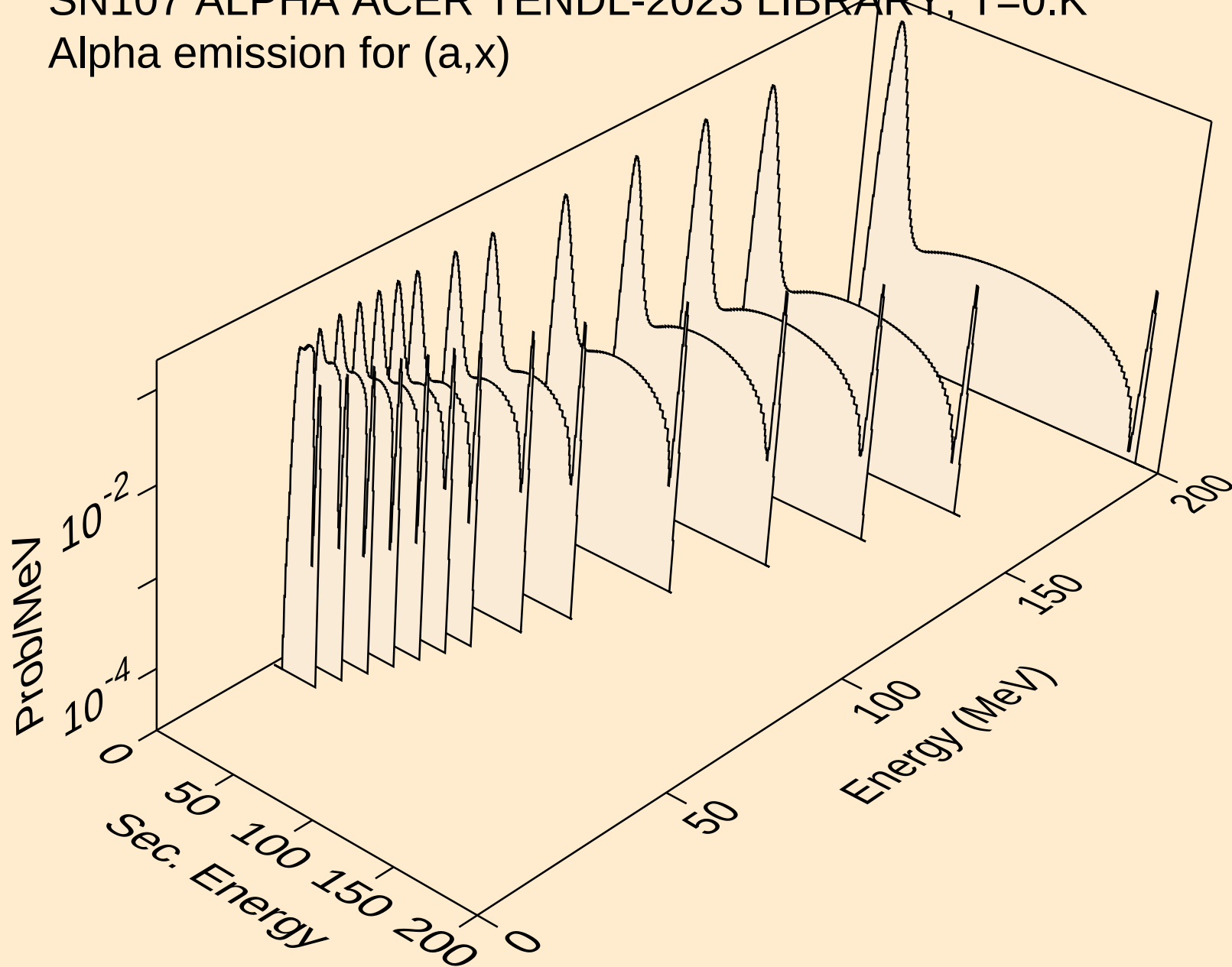


SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

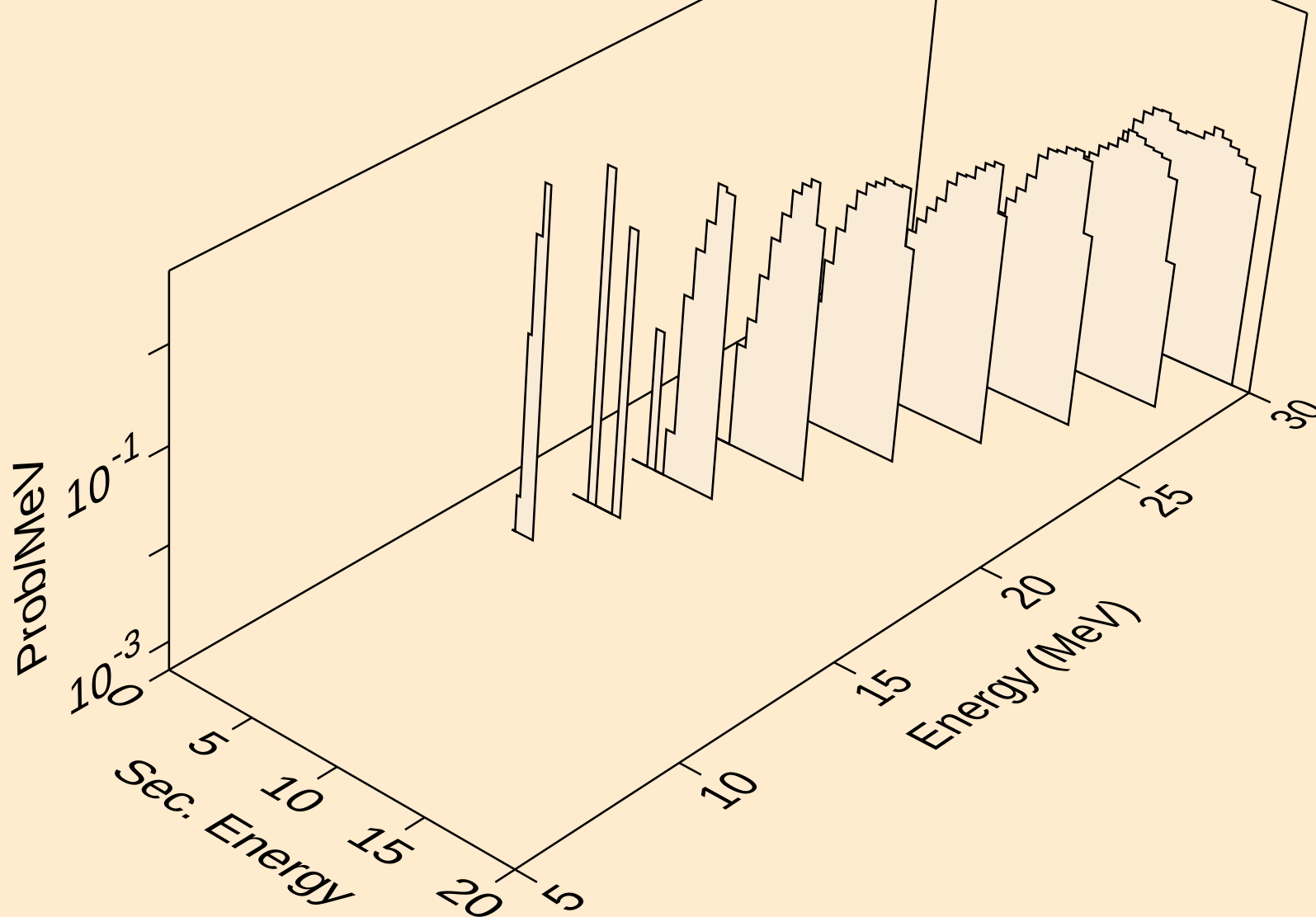


SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)

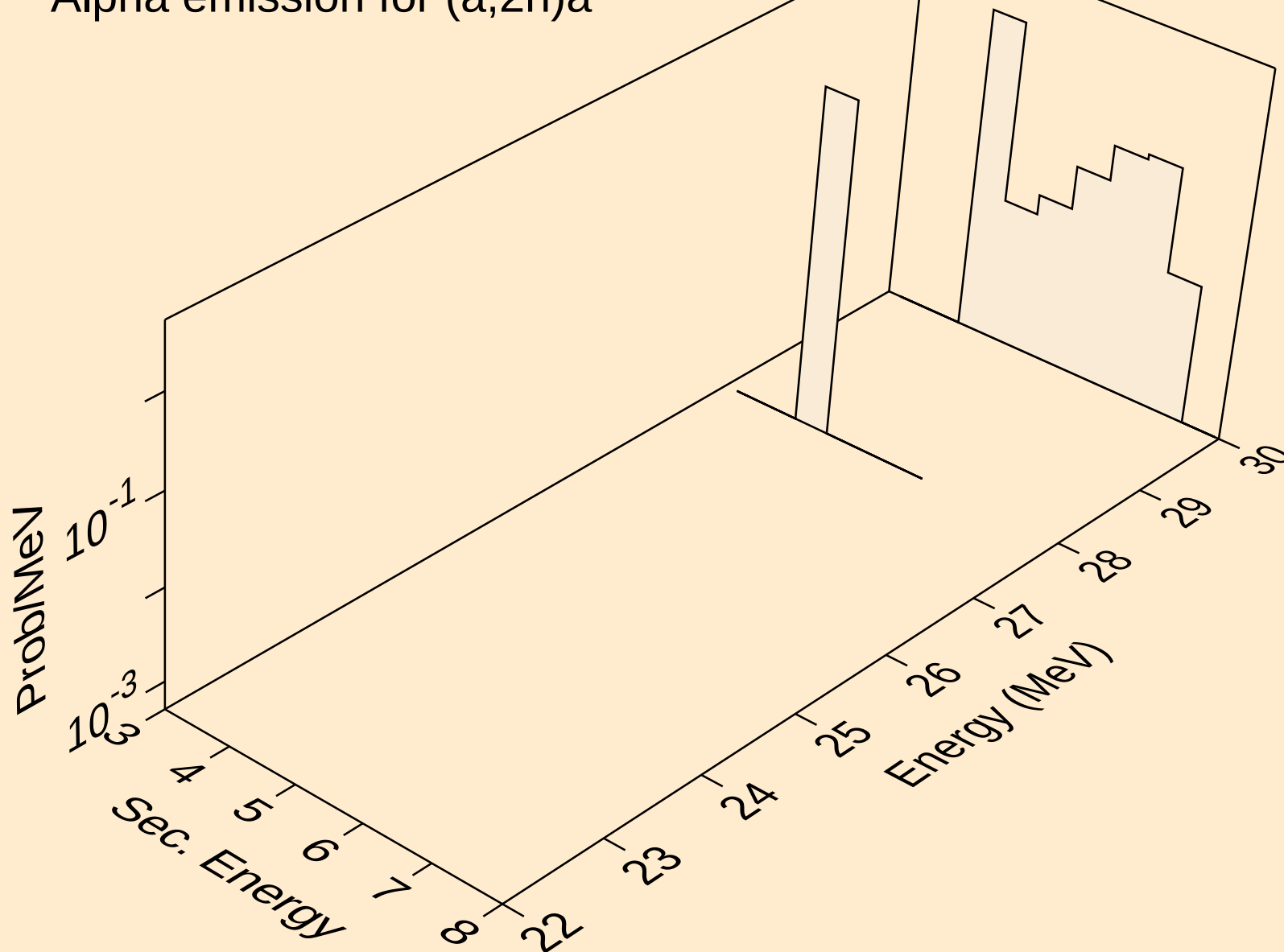


SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



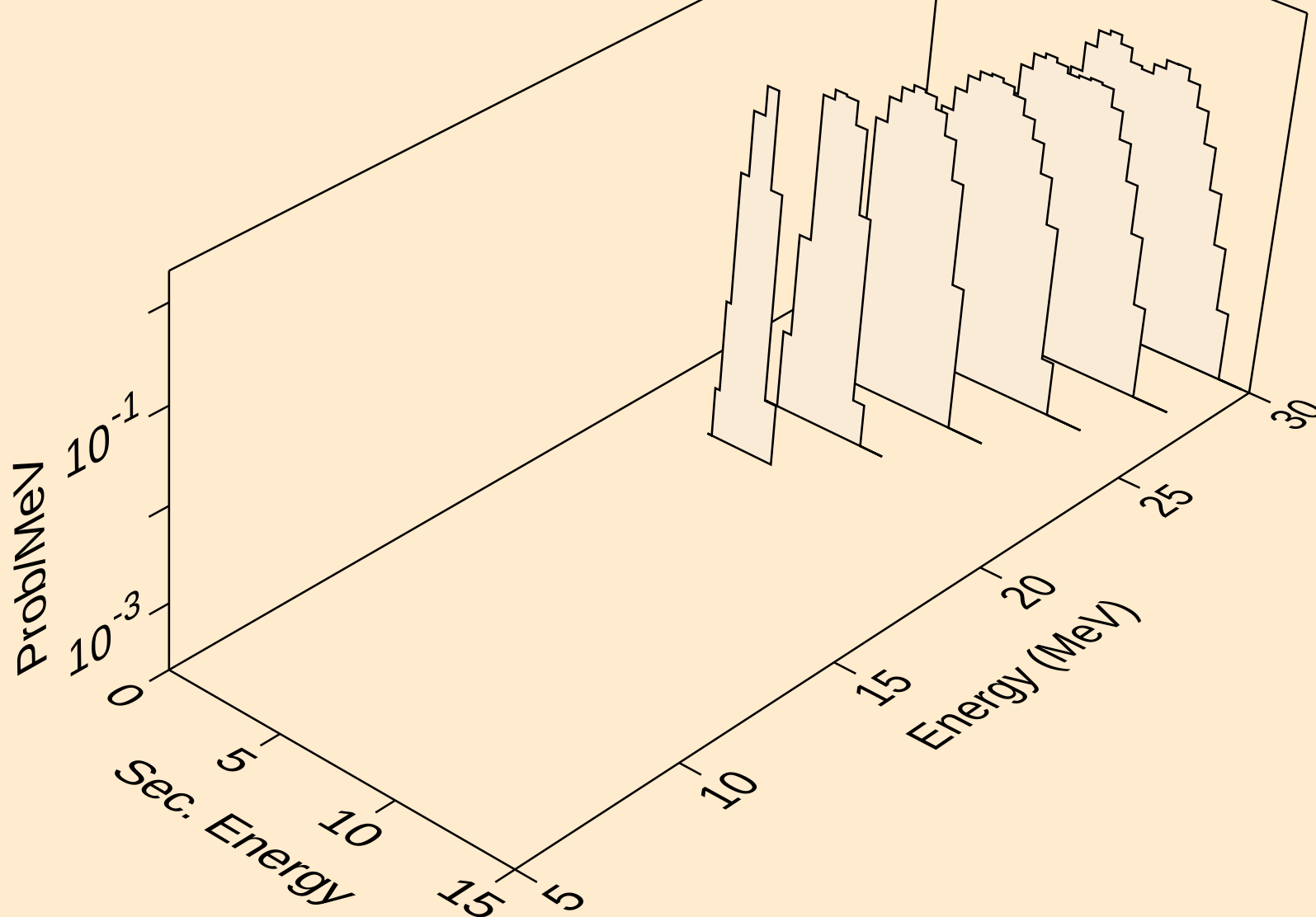
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)a

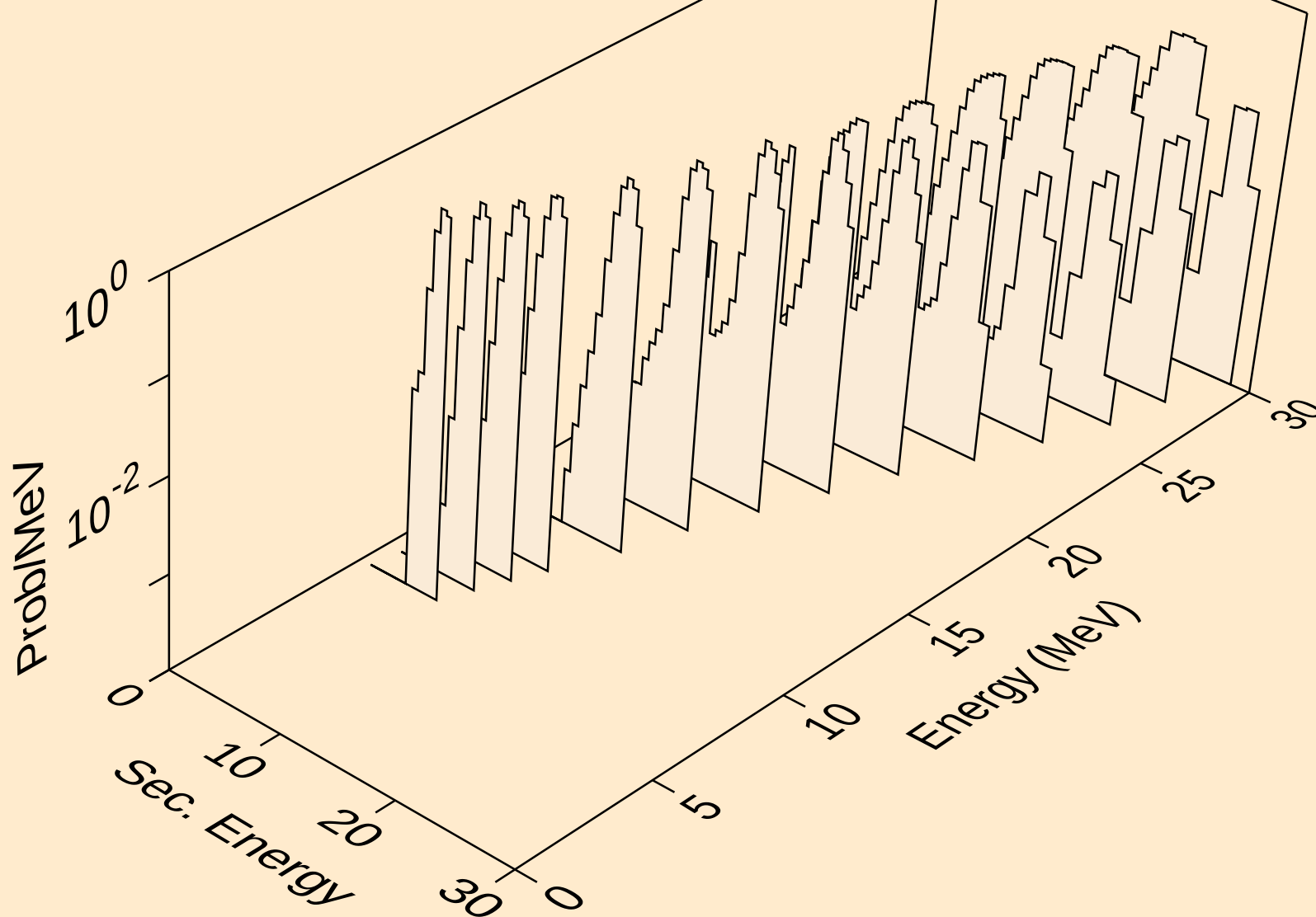


SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

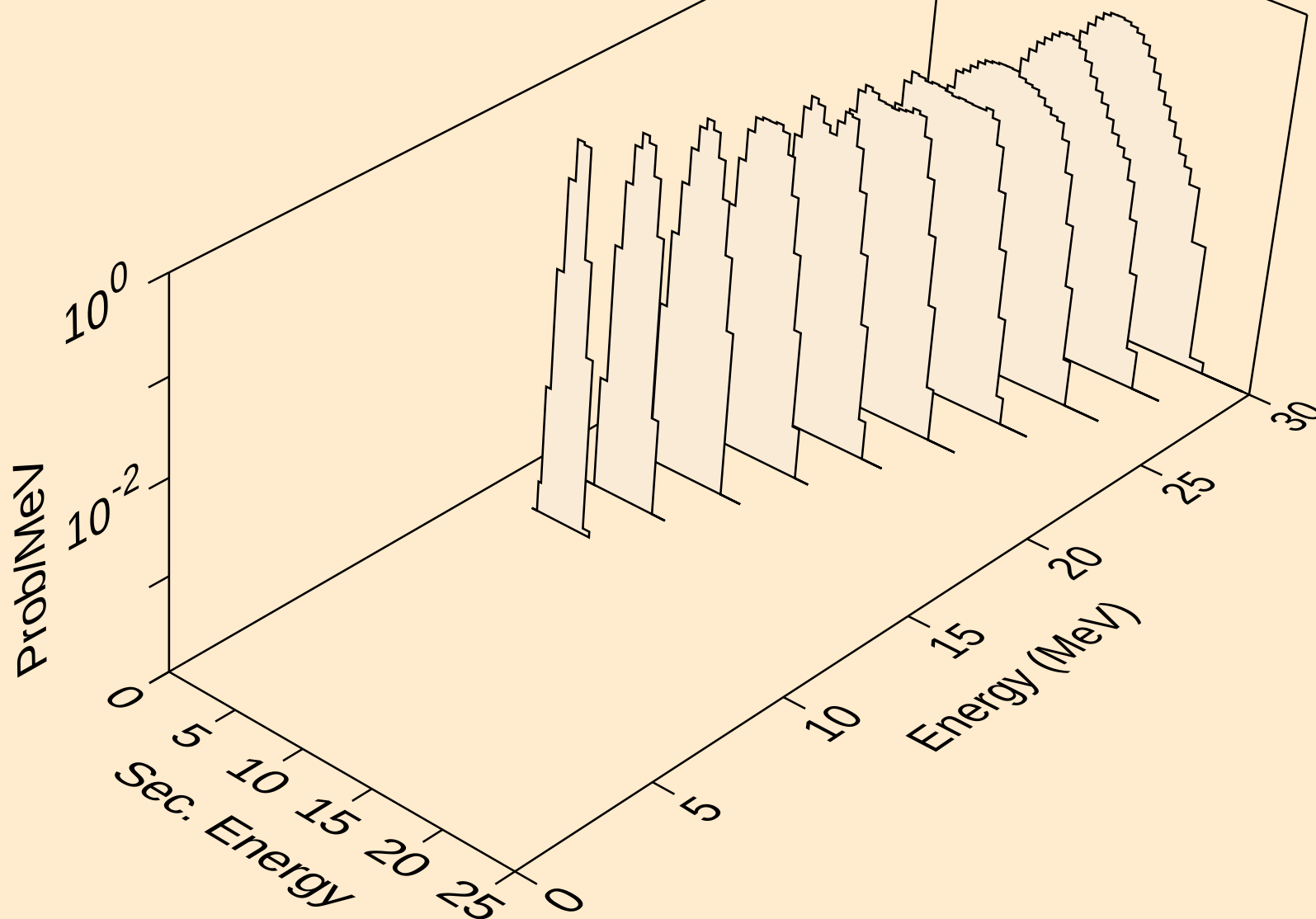
Alpha emission for (a,n\*)2a



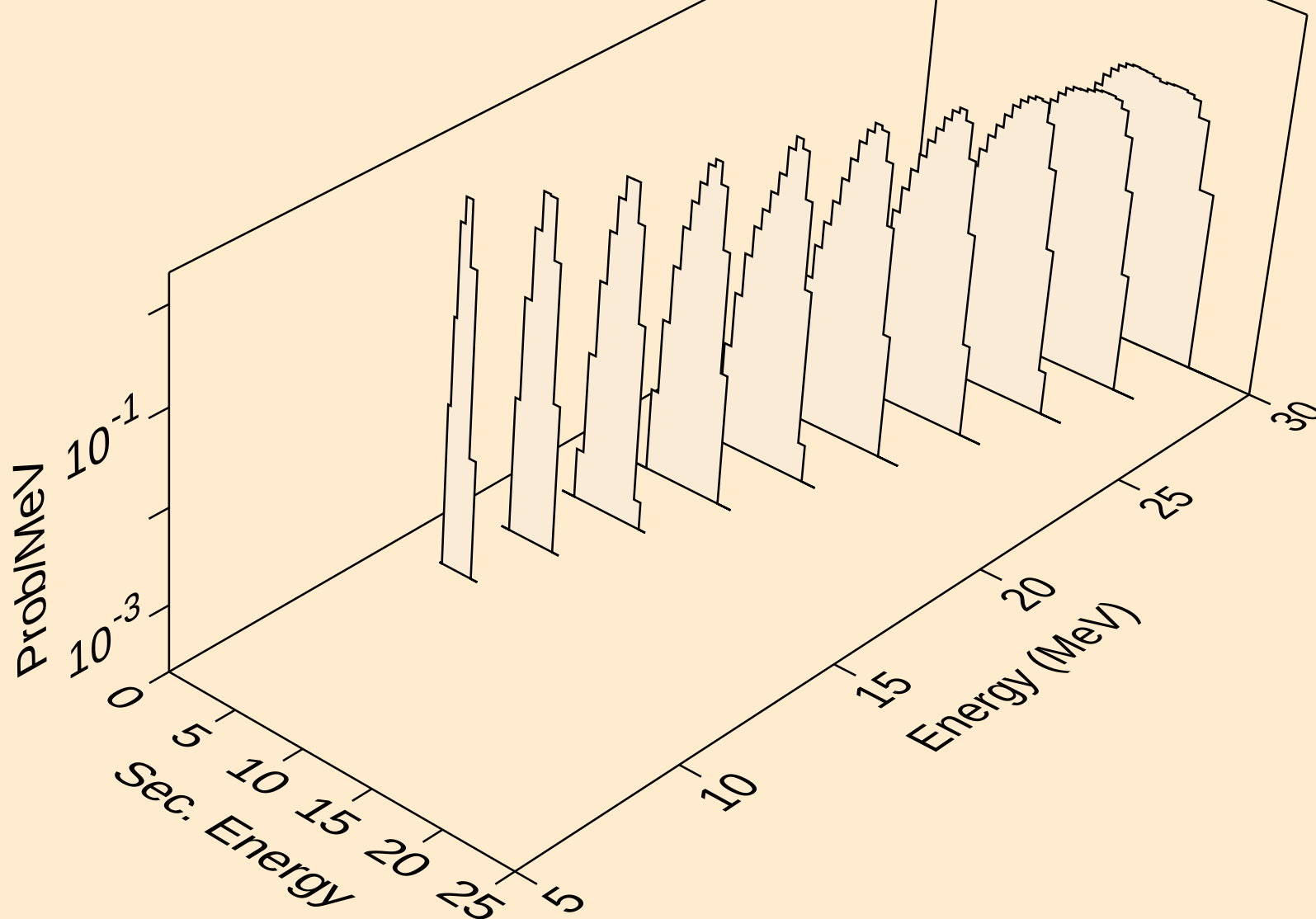
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



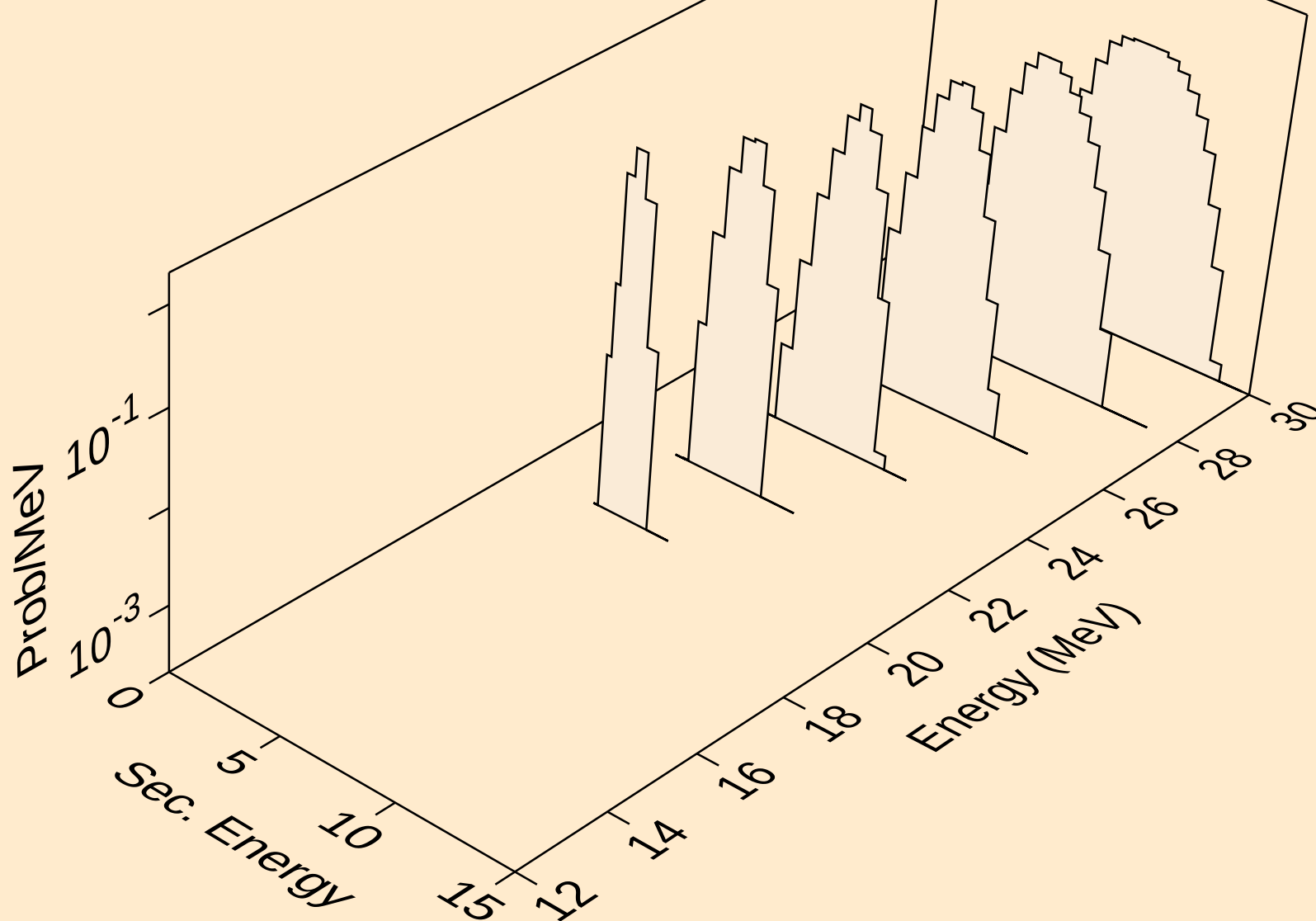
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



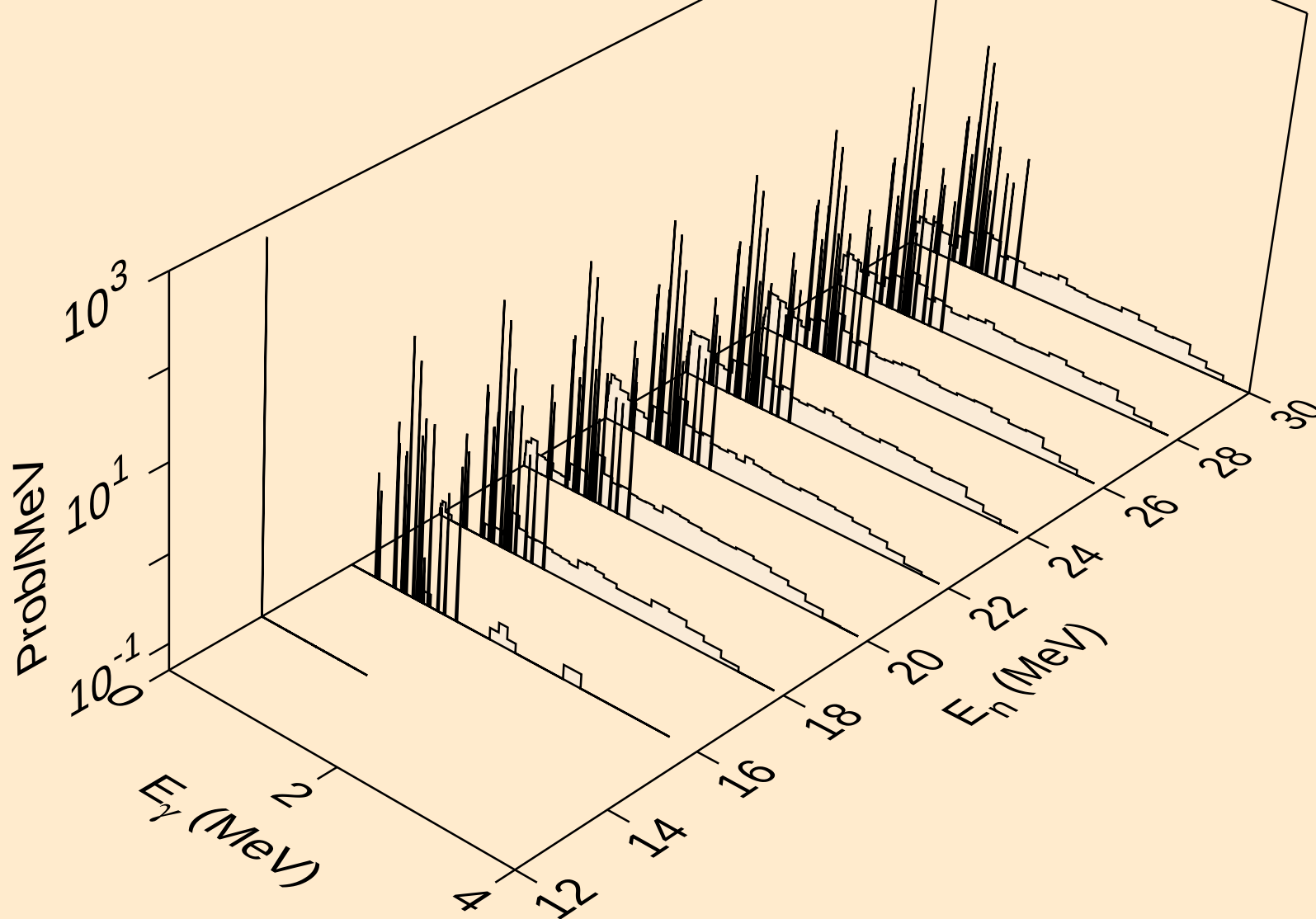
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)

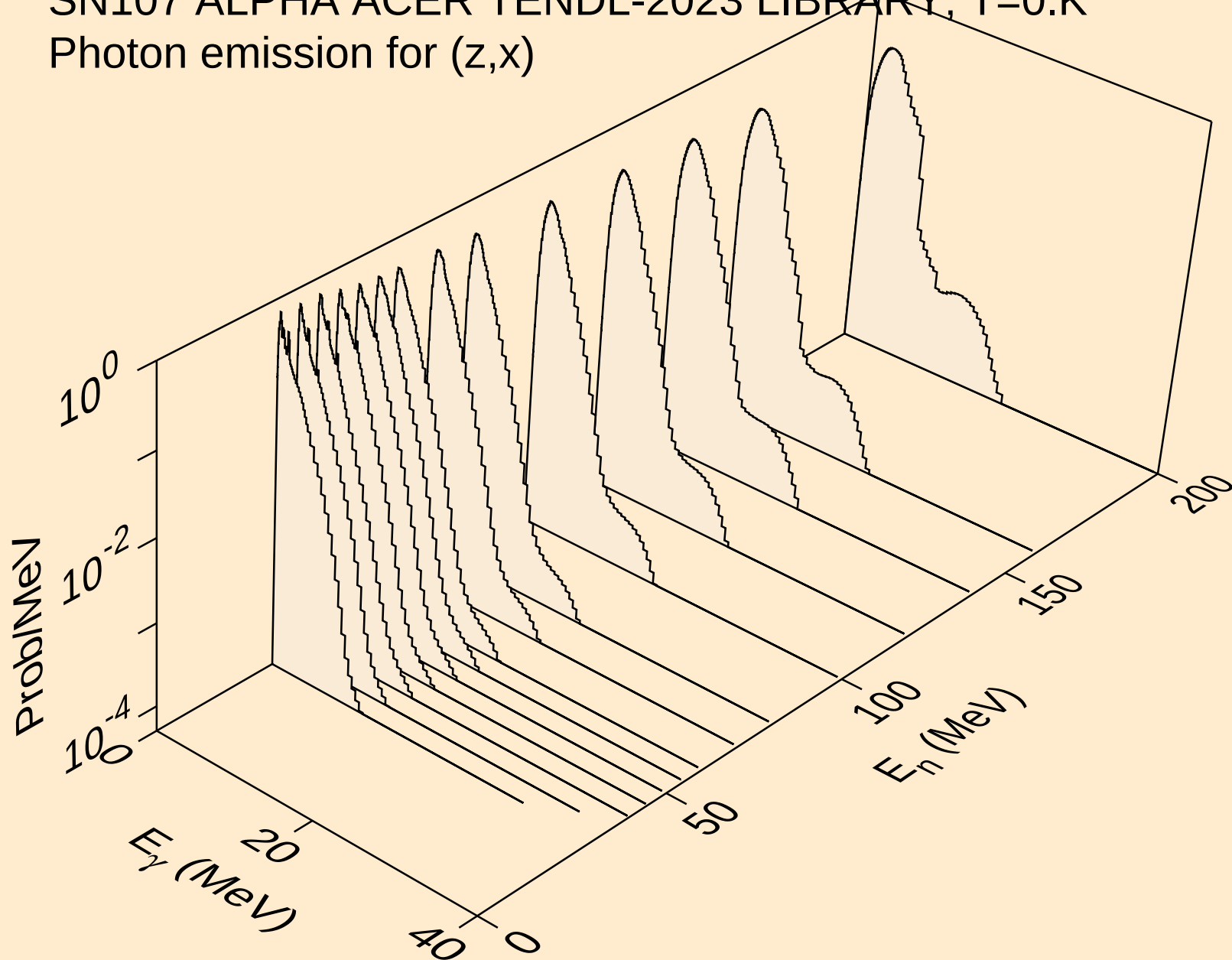


SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

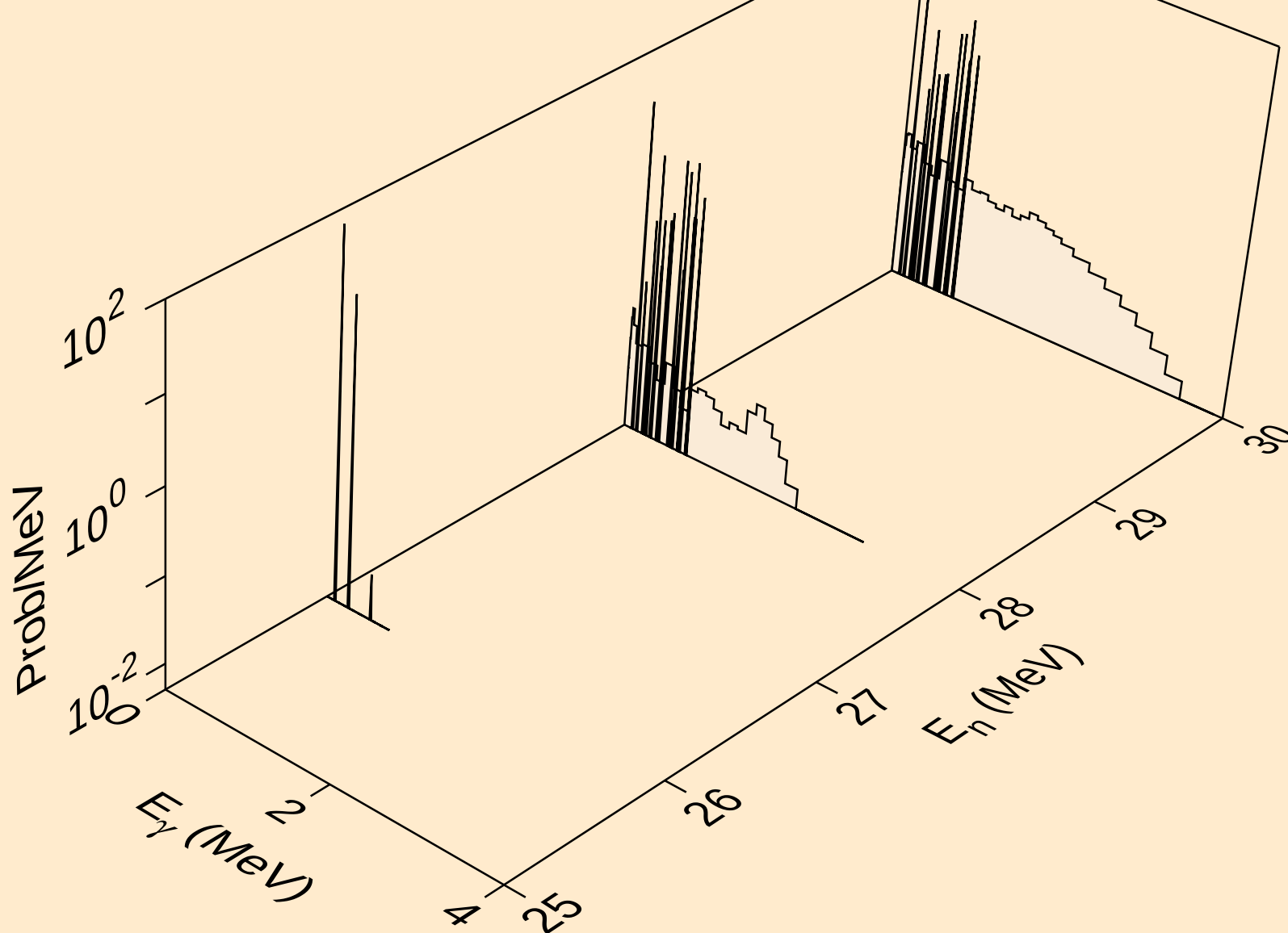


SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

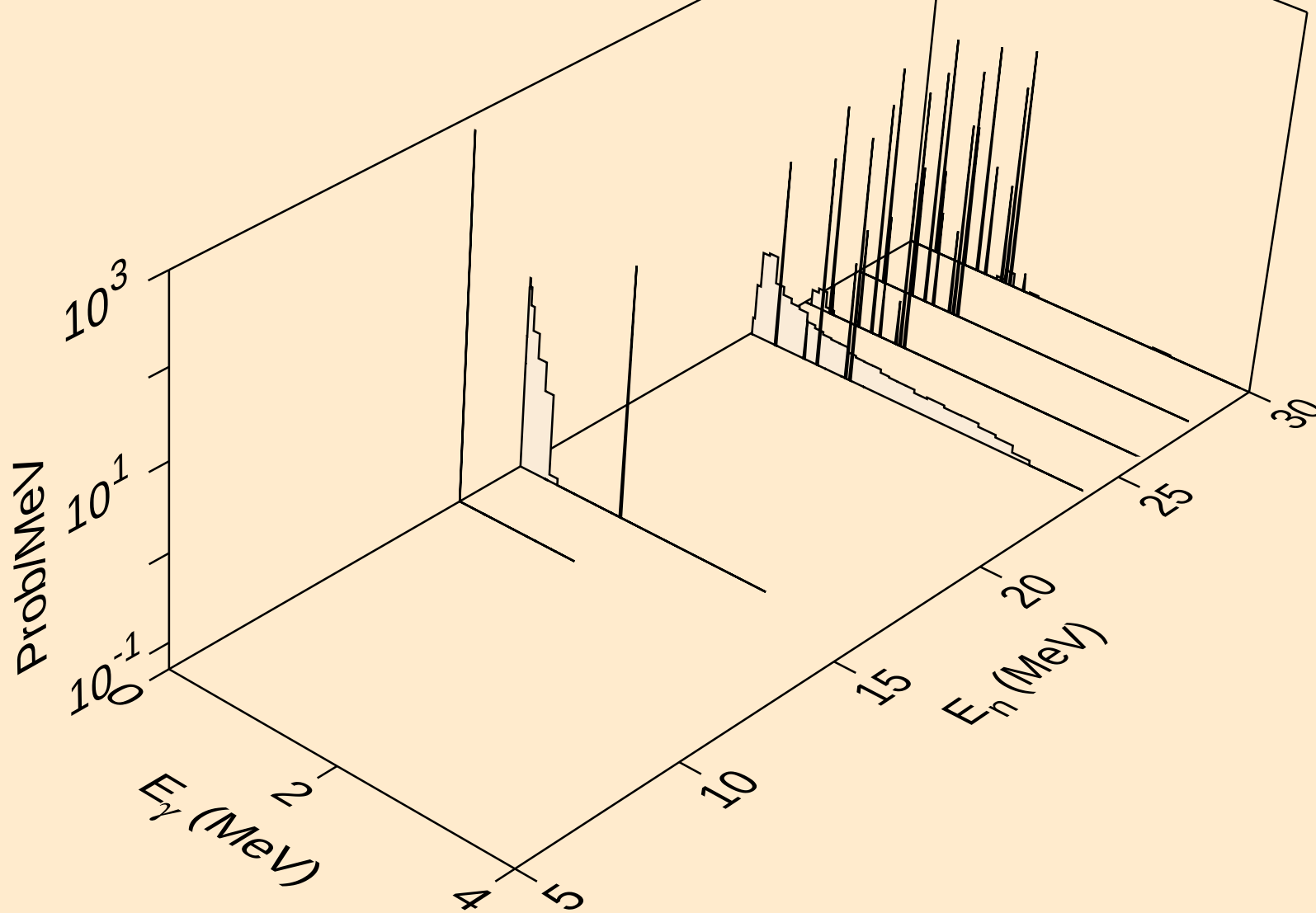
Photon emission for (z,x)



SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

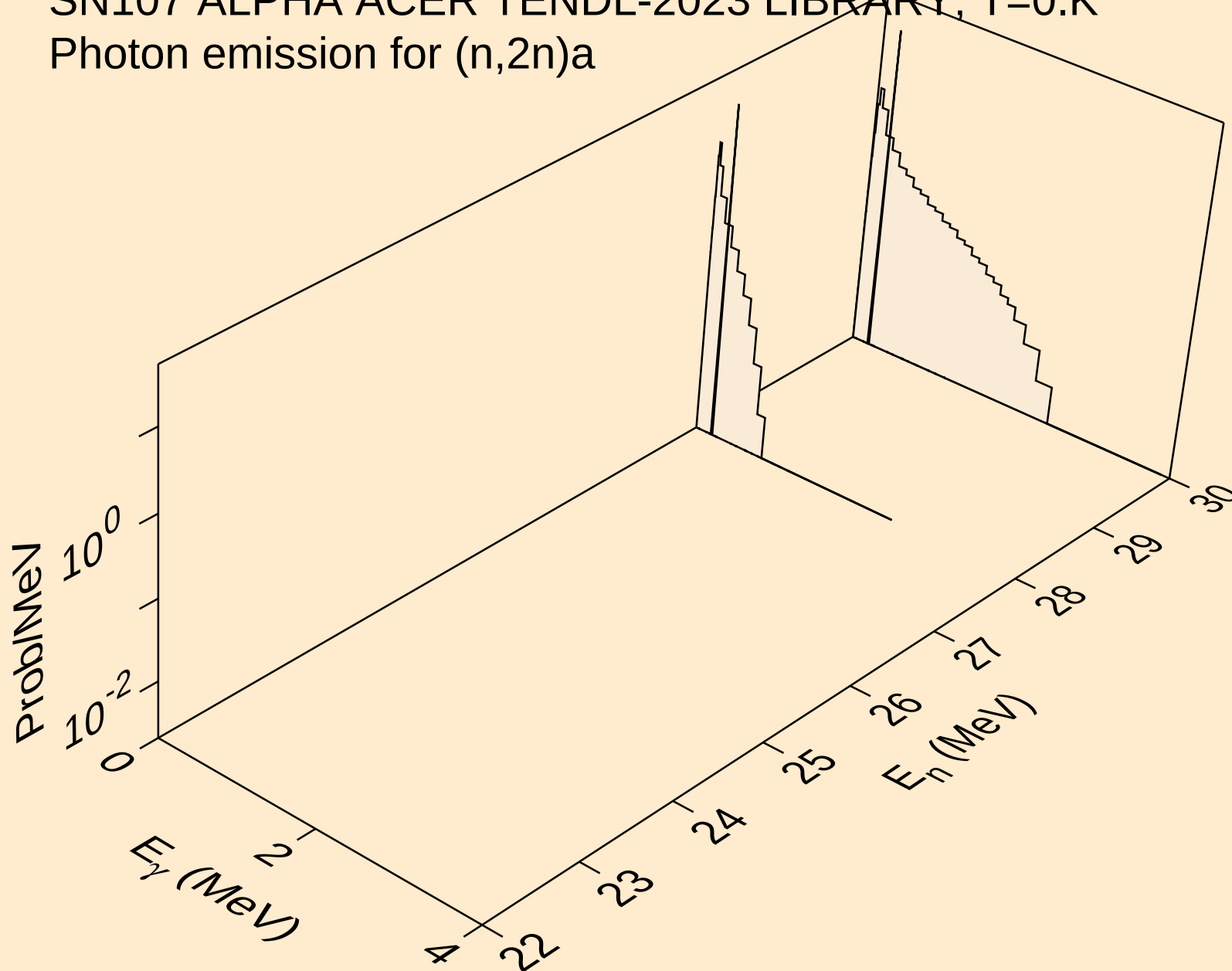


SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

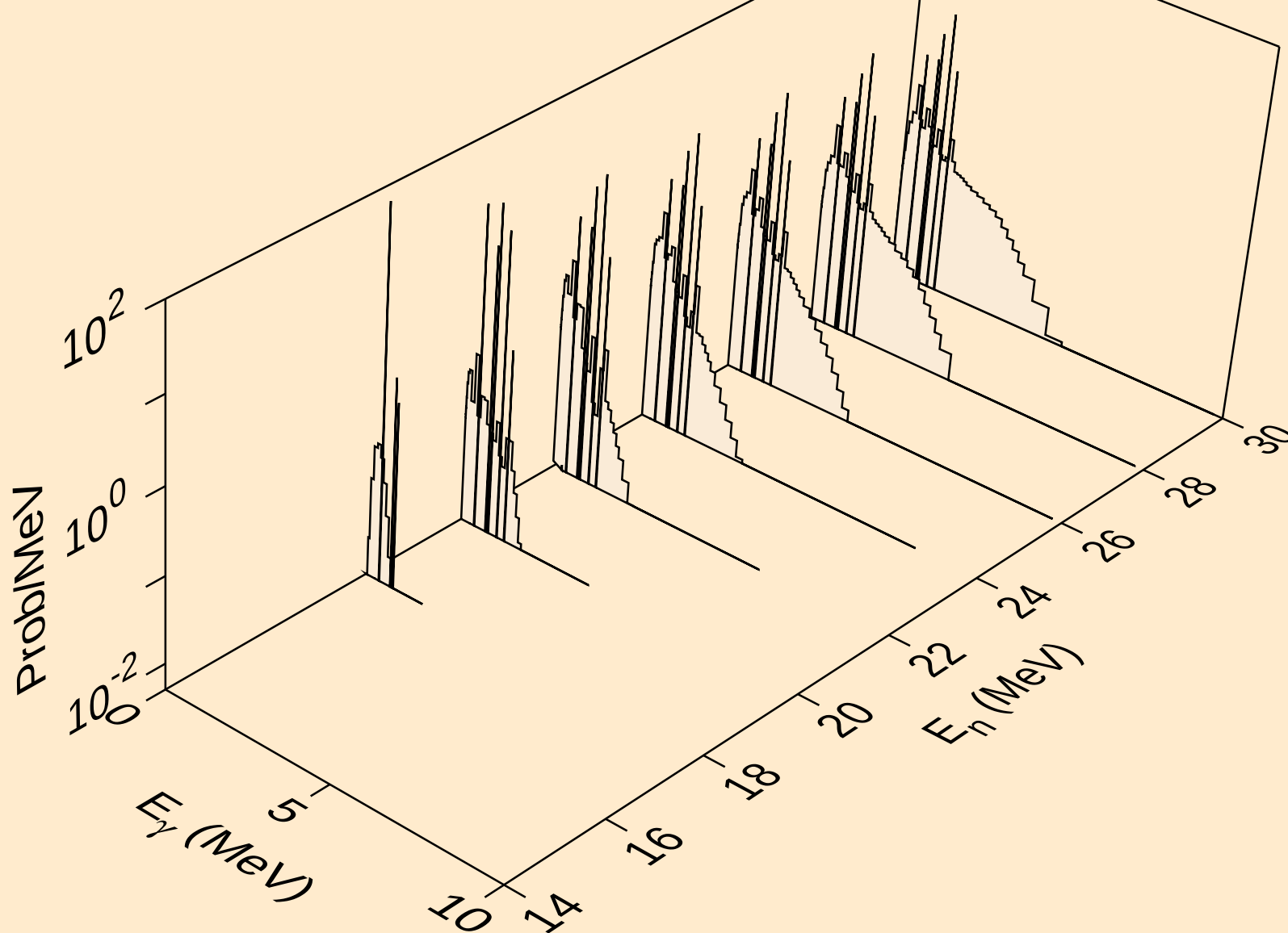


SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

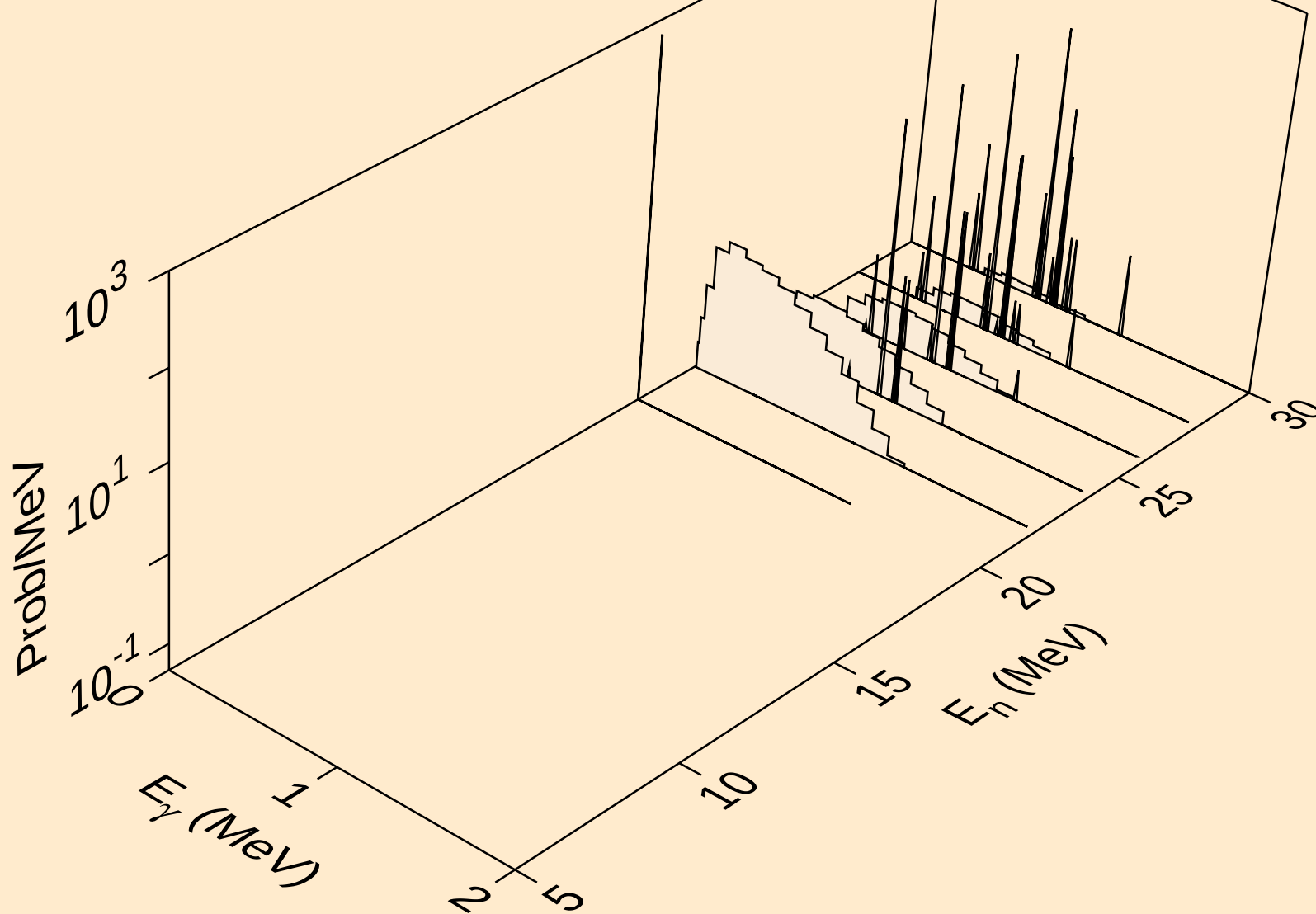
Photon emission for (n,2n) $\alpha$



SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

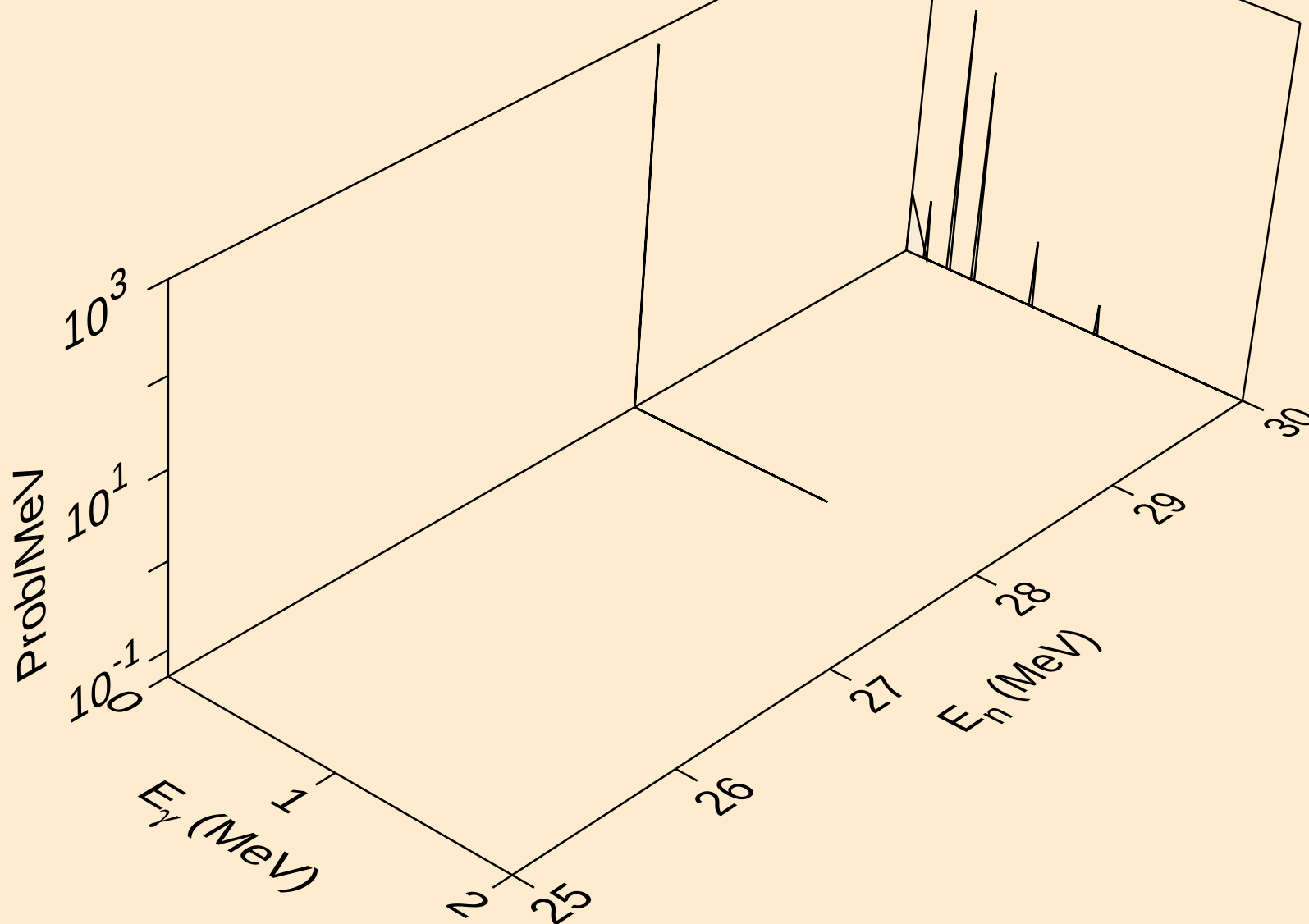


SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



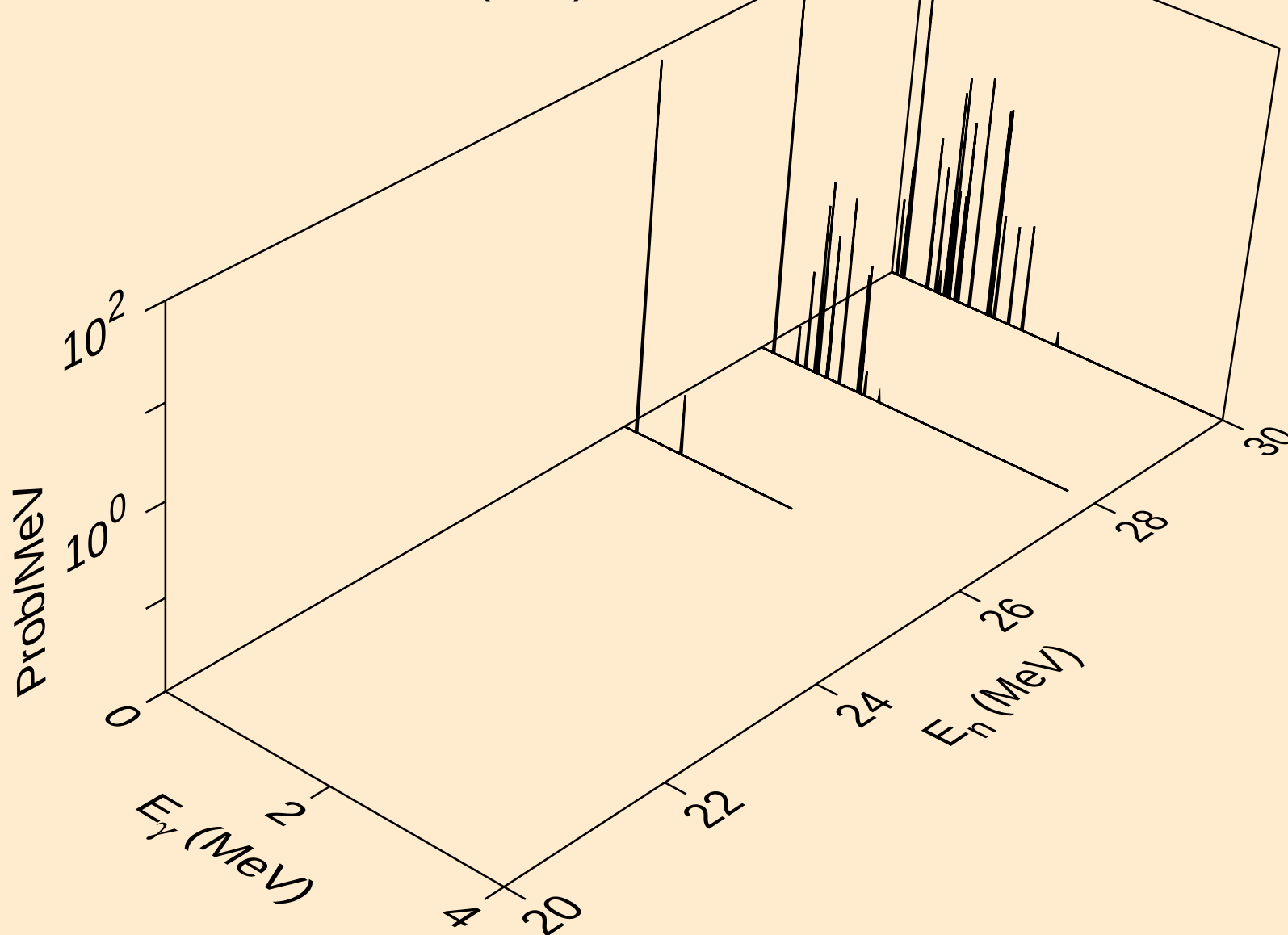
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d

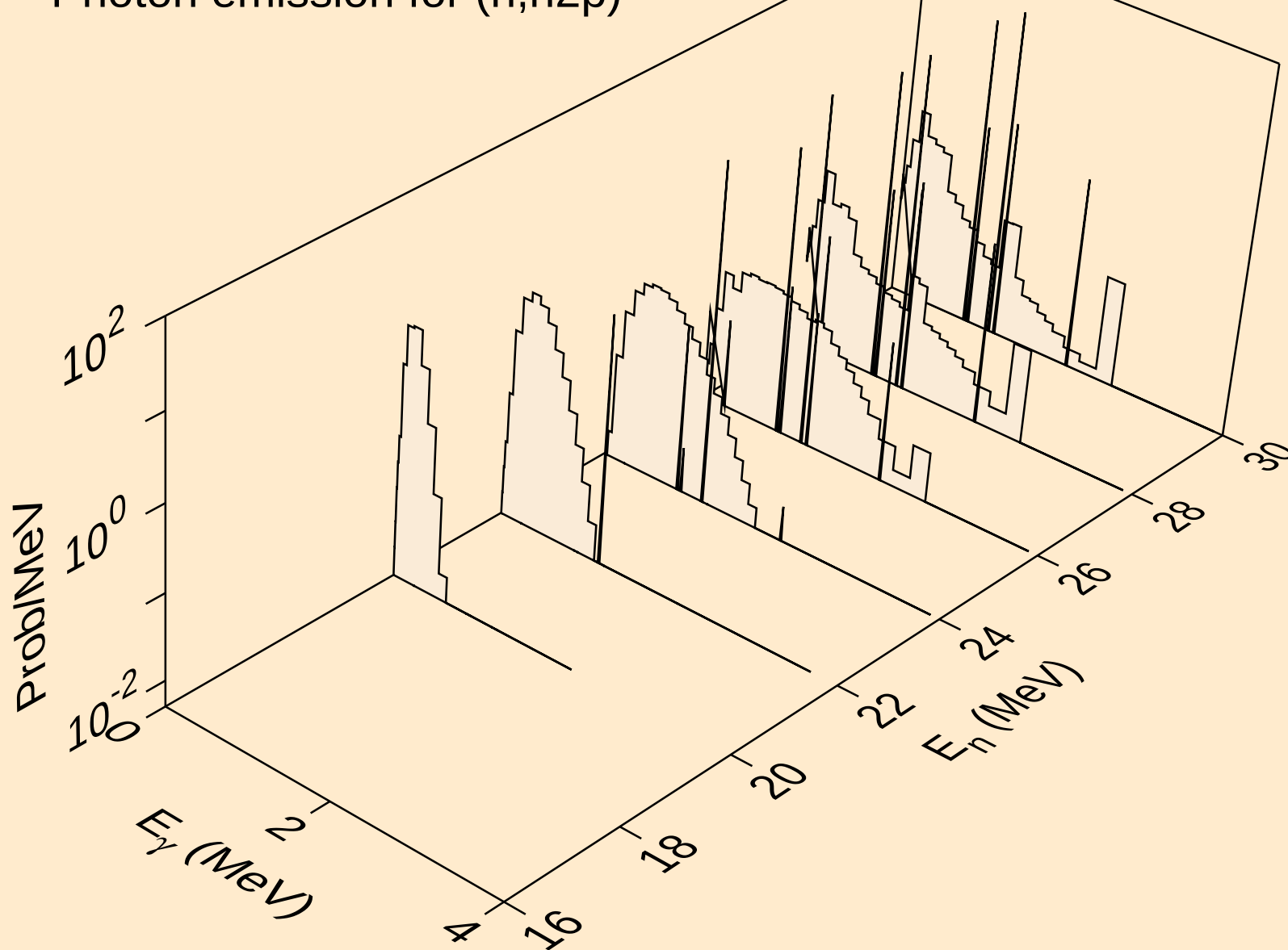


SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

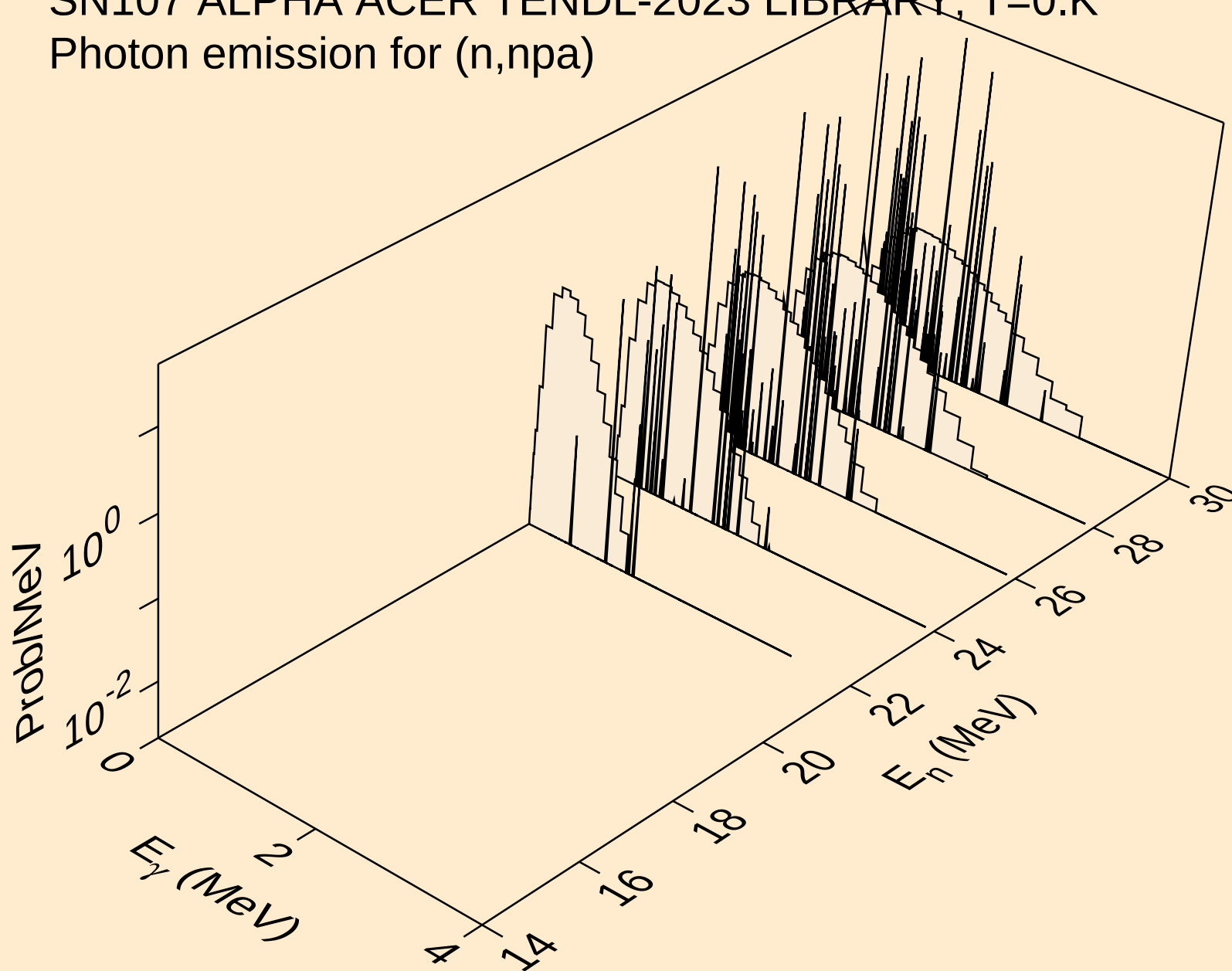
Photon emission for (n,n\*)he3



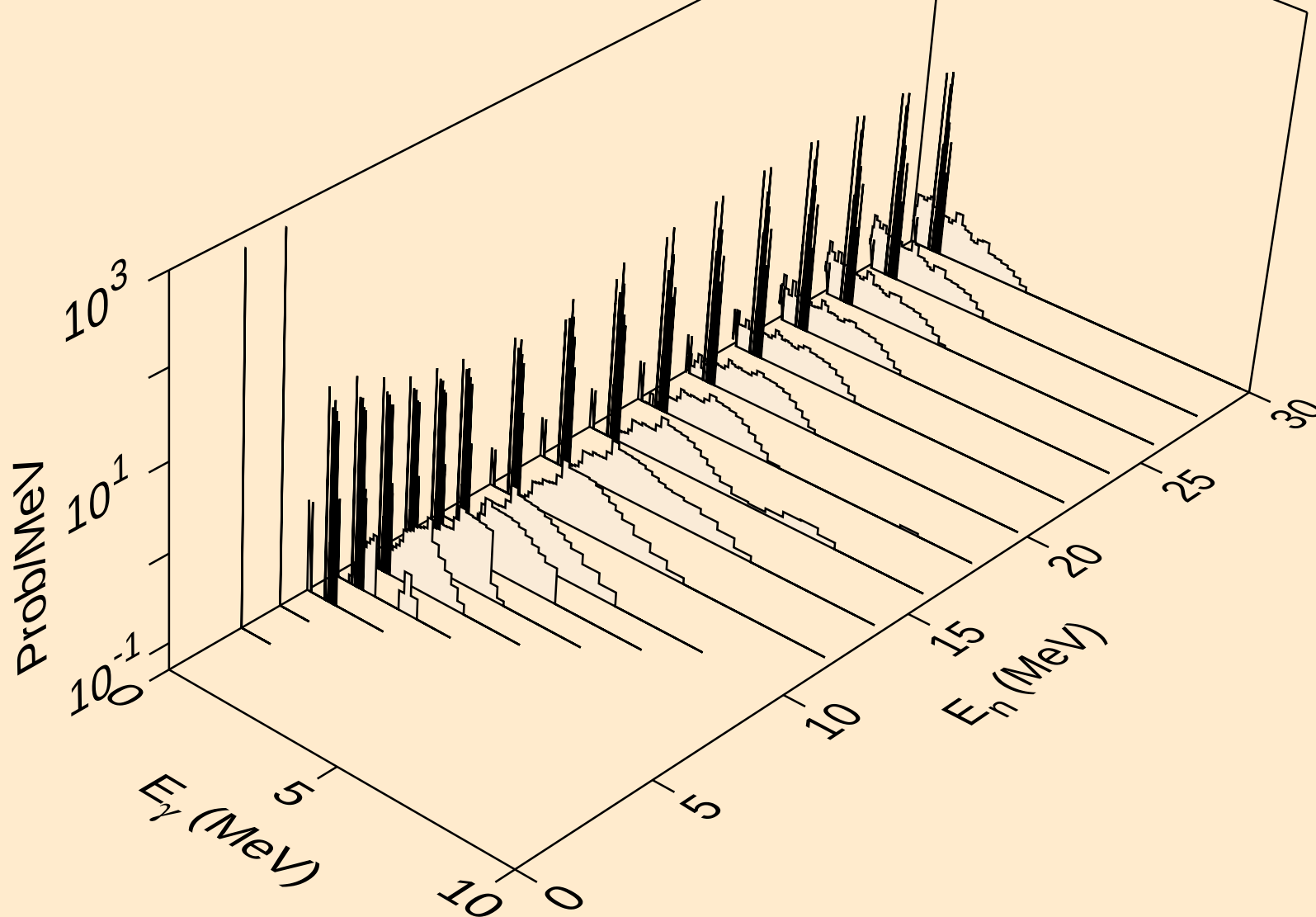
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



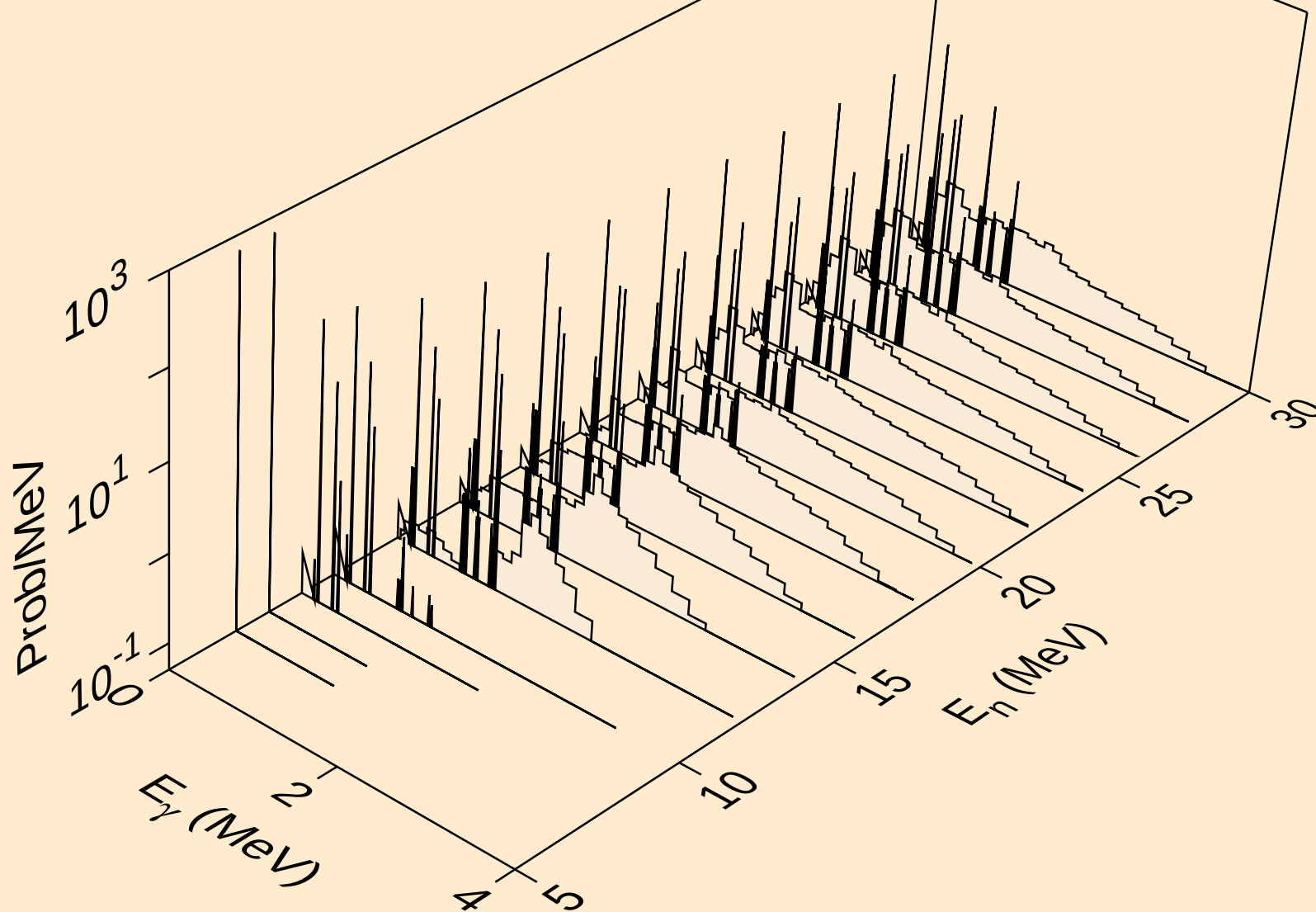
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



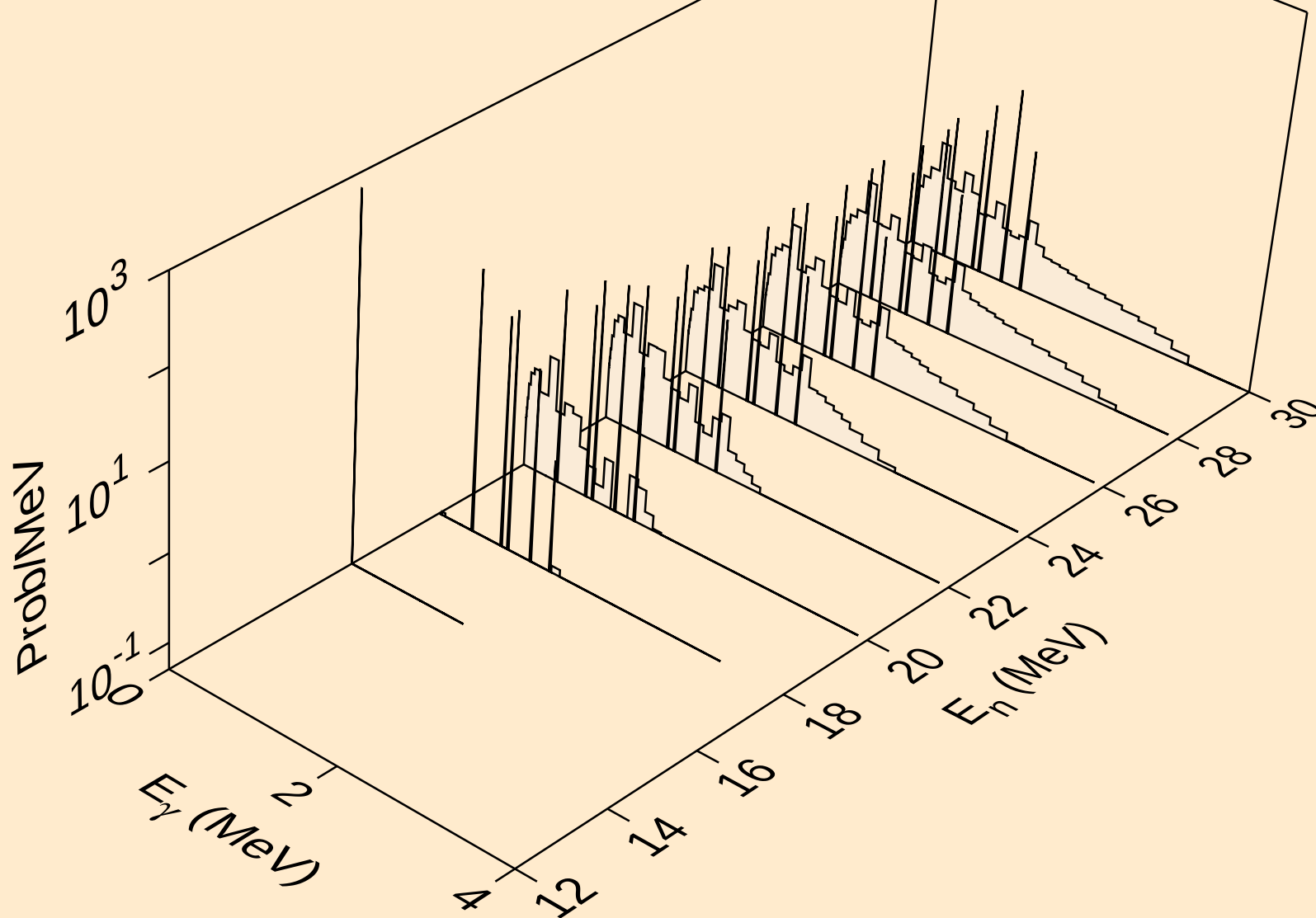
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



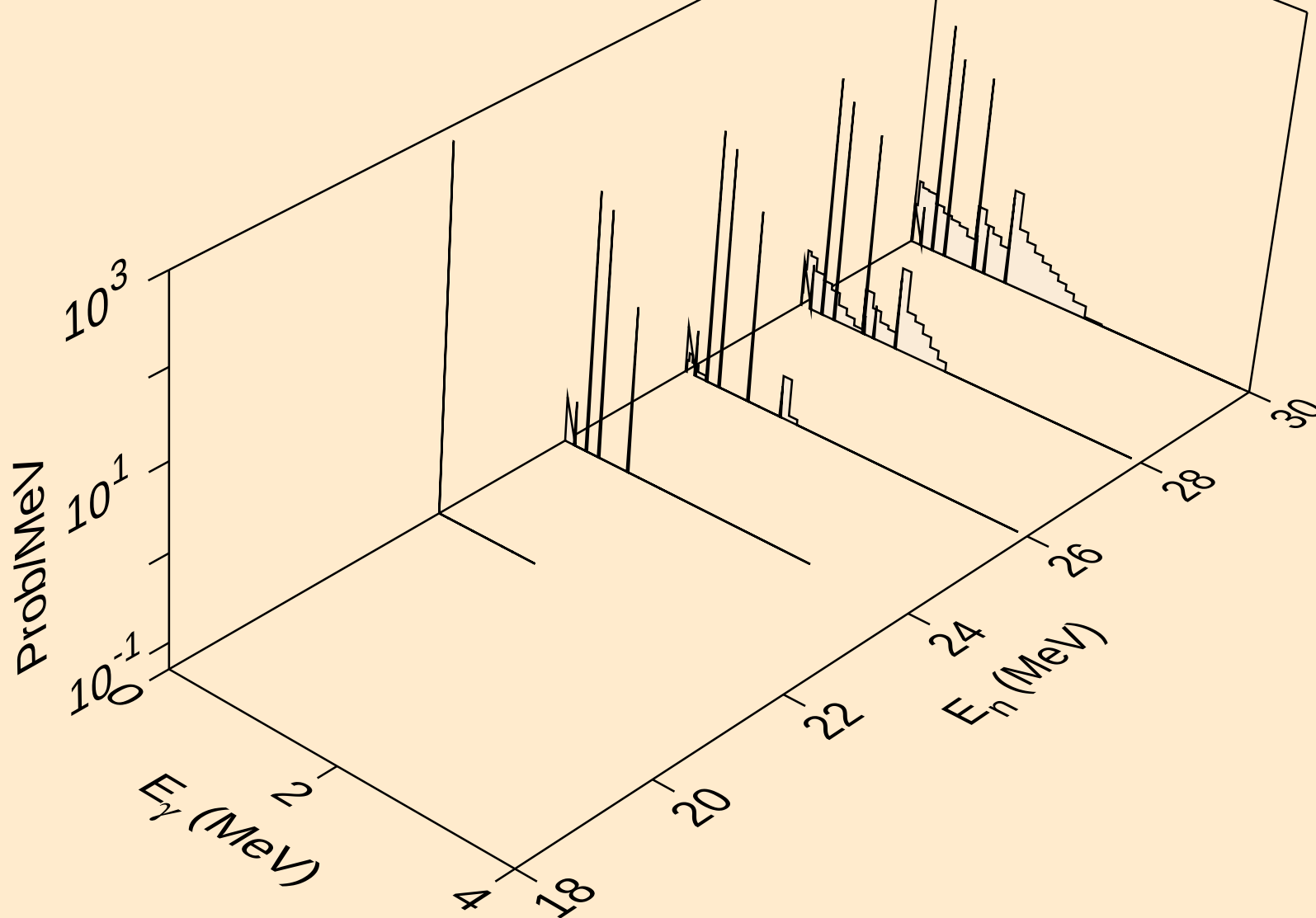
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



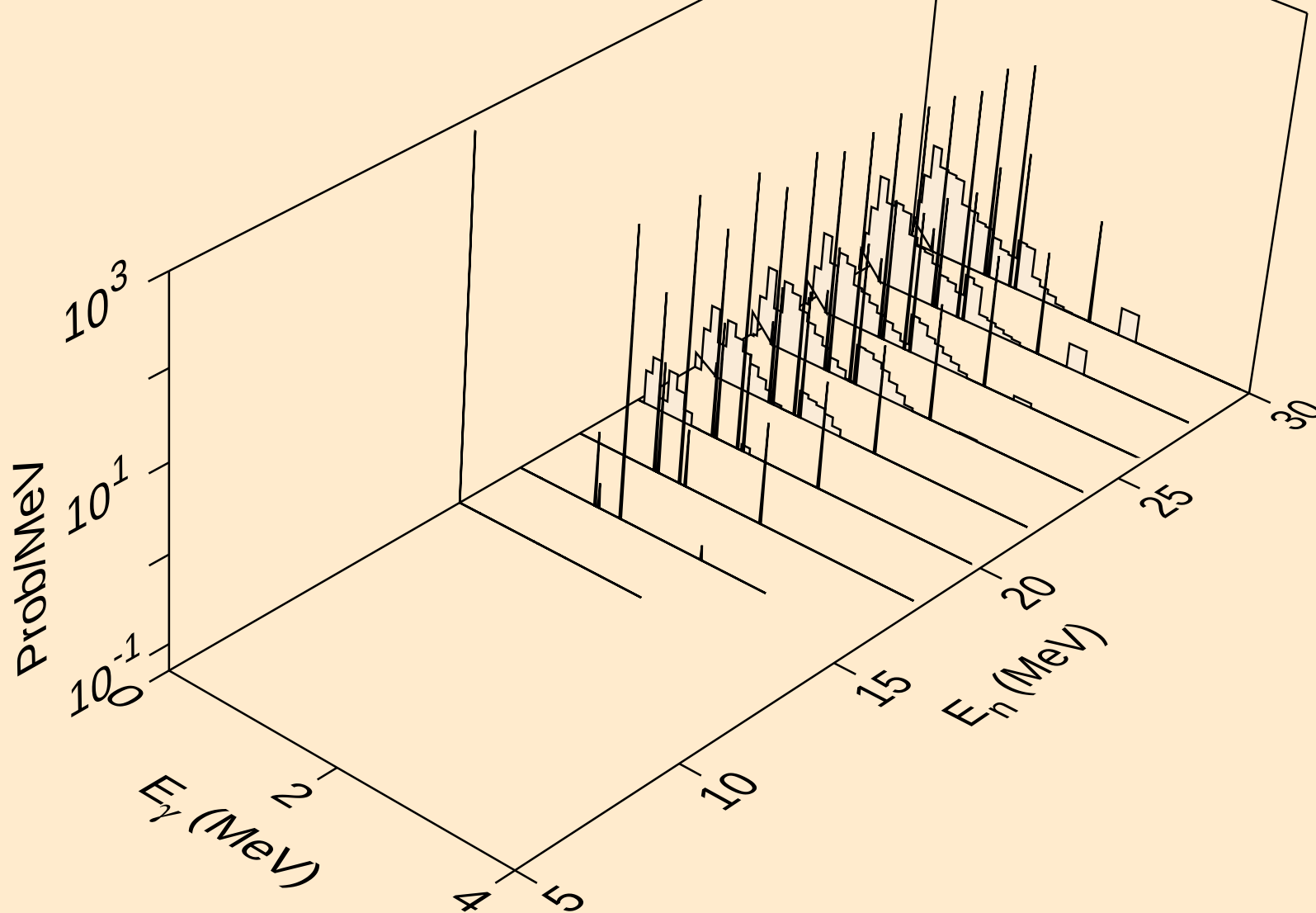
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



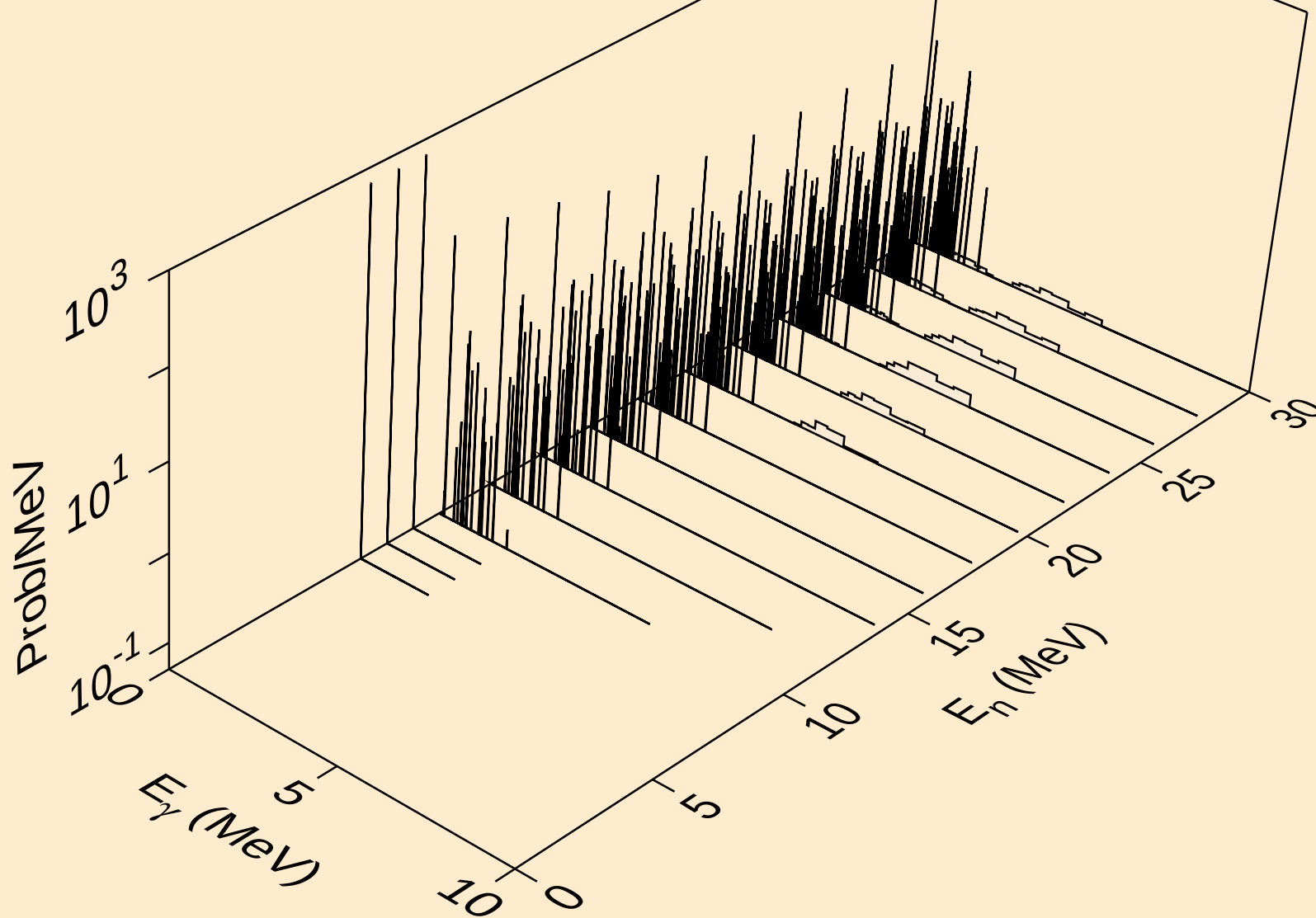
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



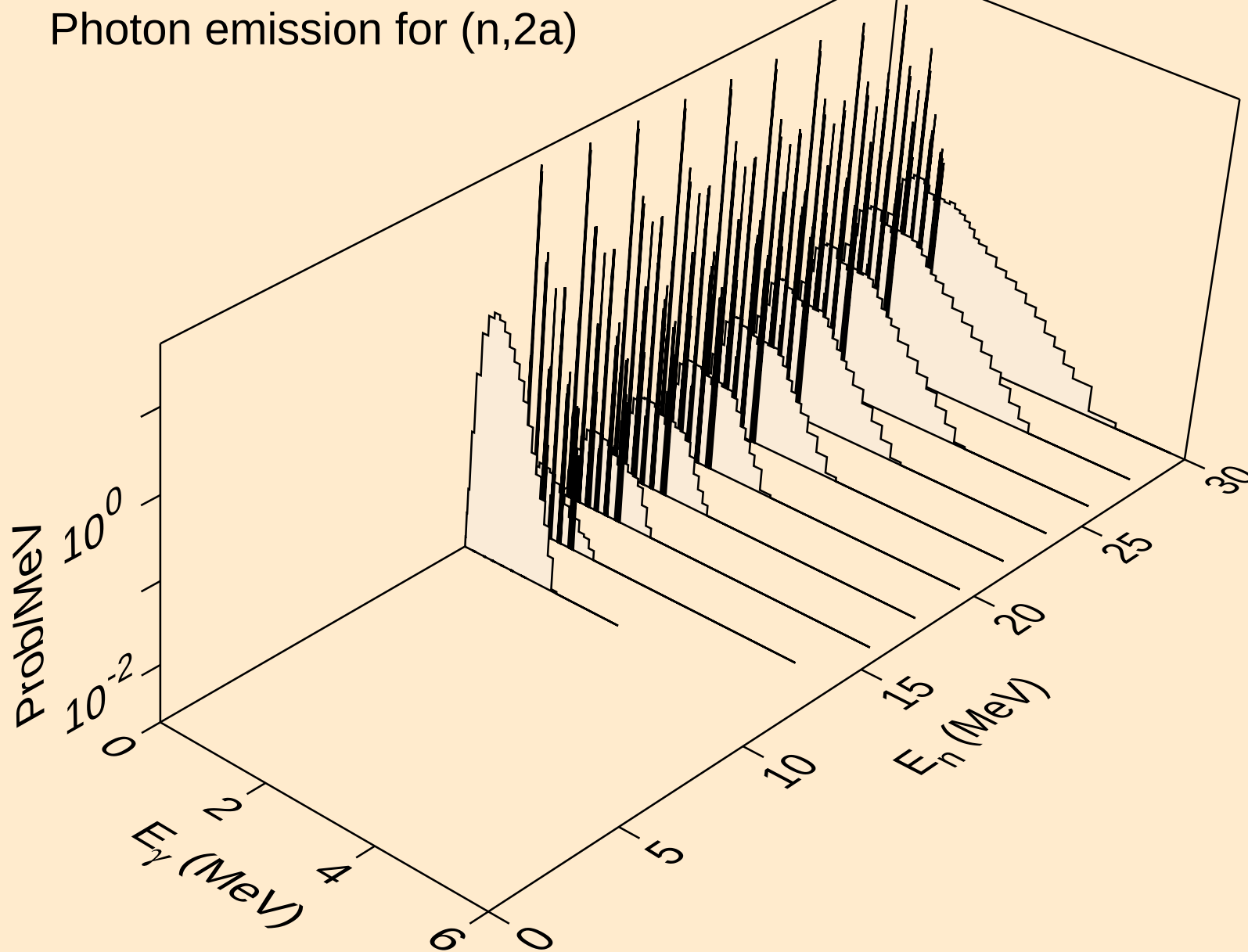
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



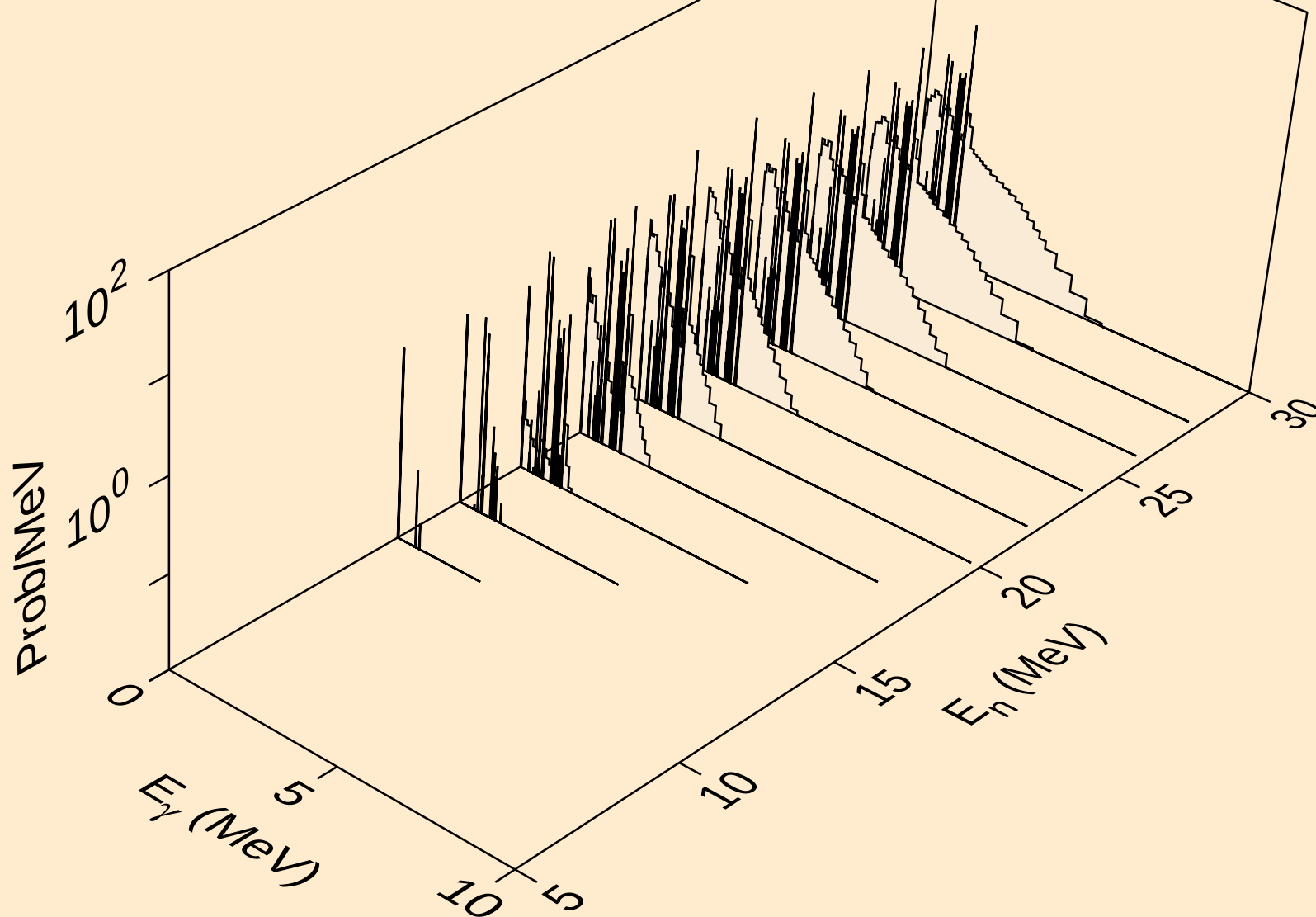
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



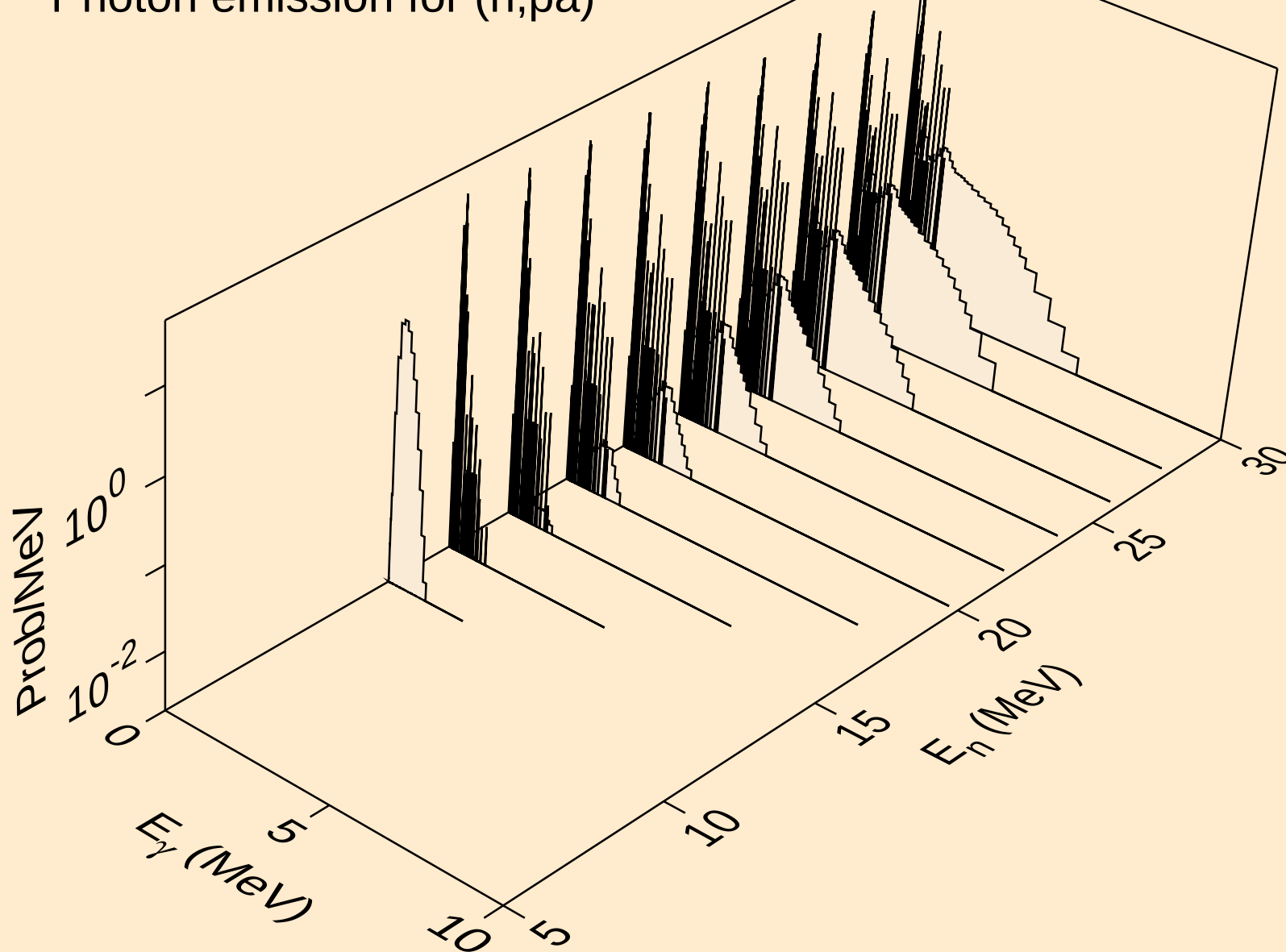
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



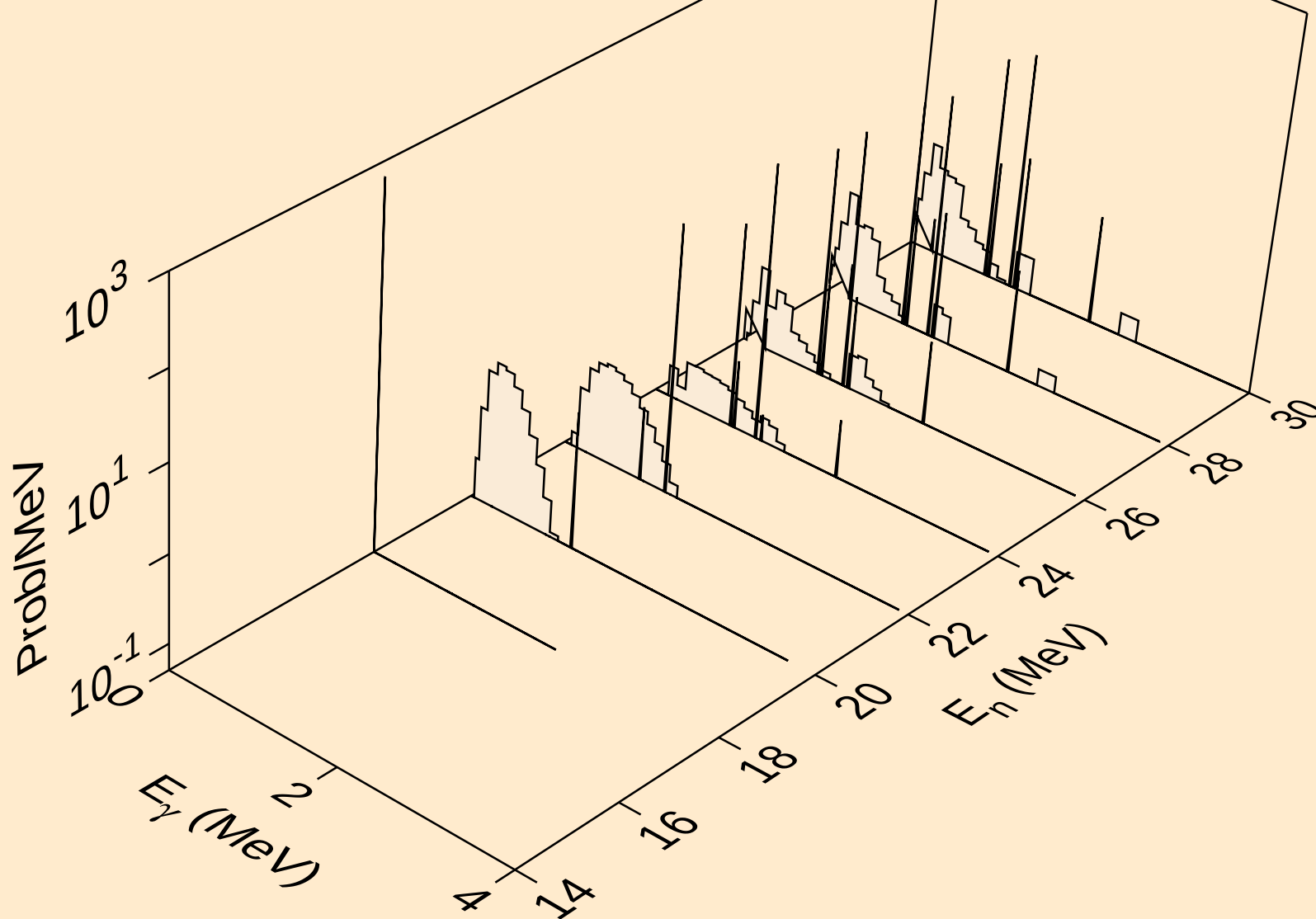
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

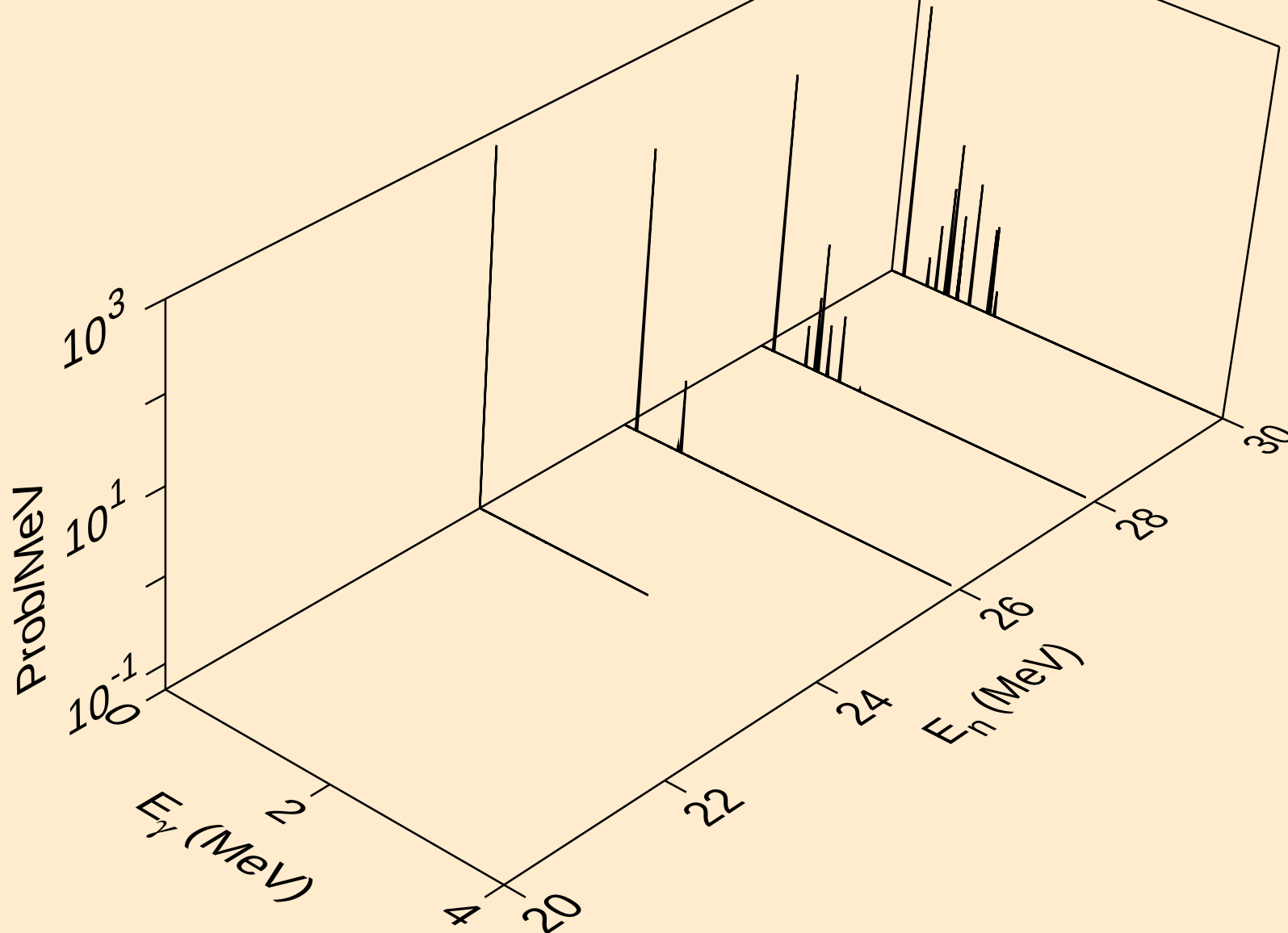


SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

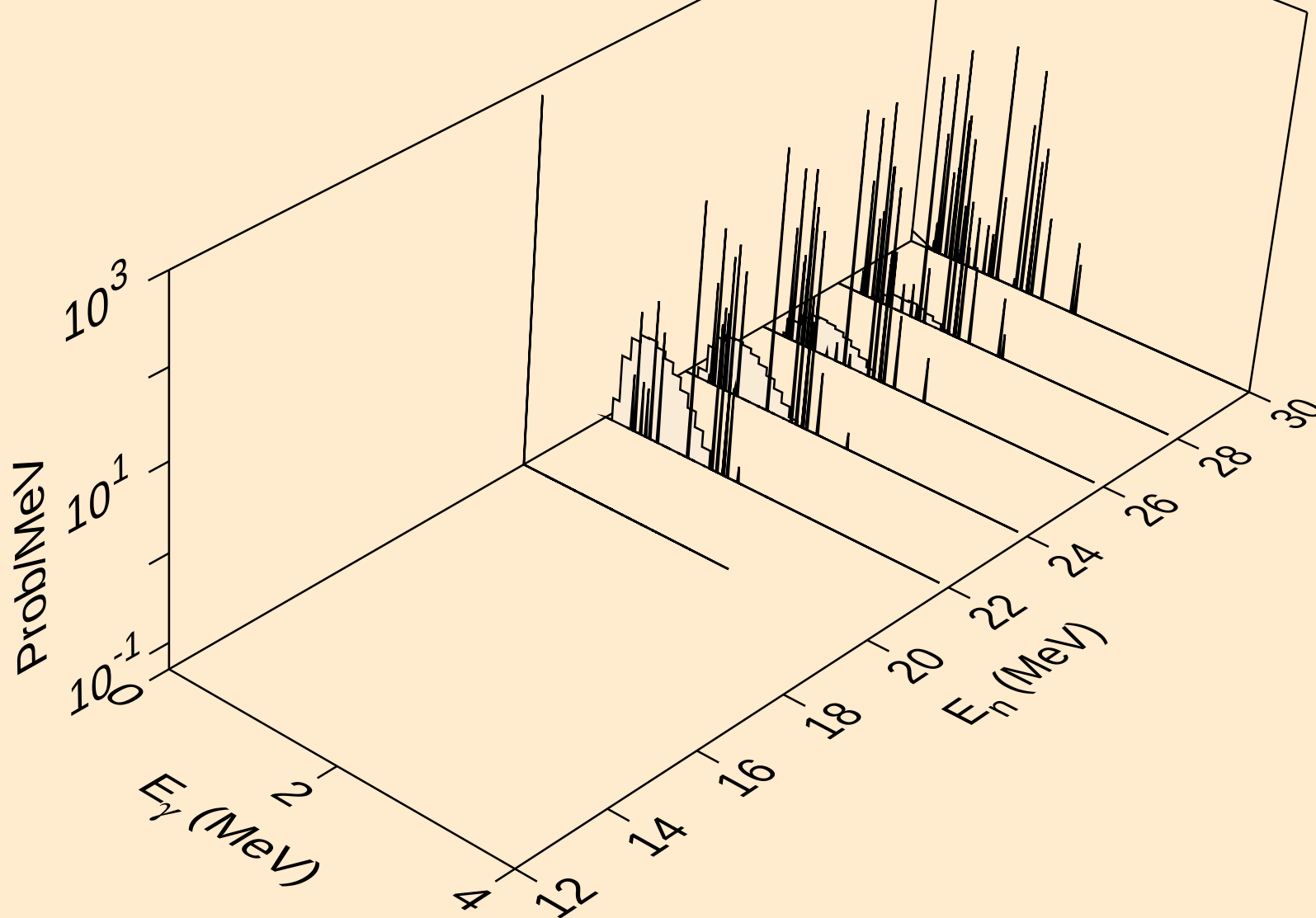


SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

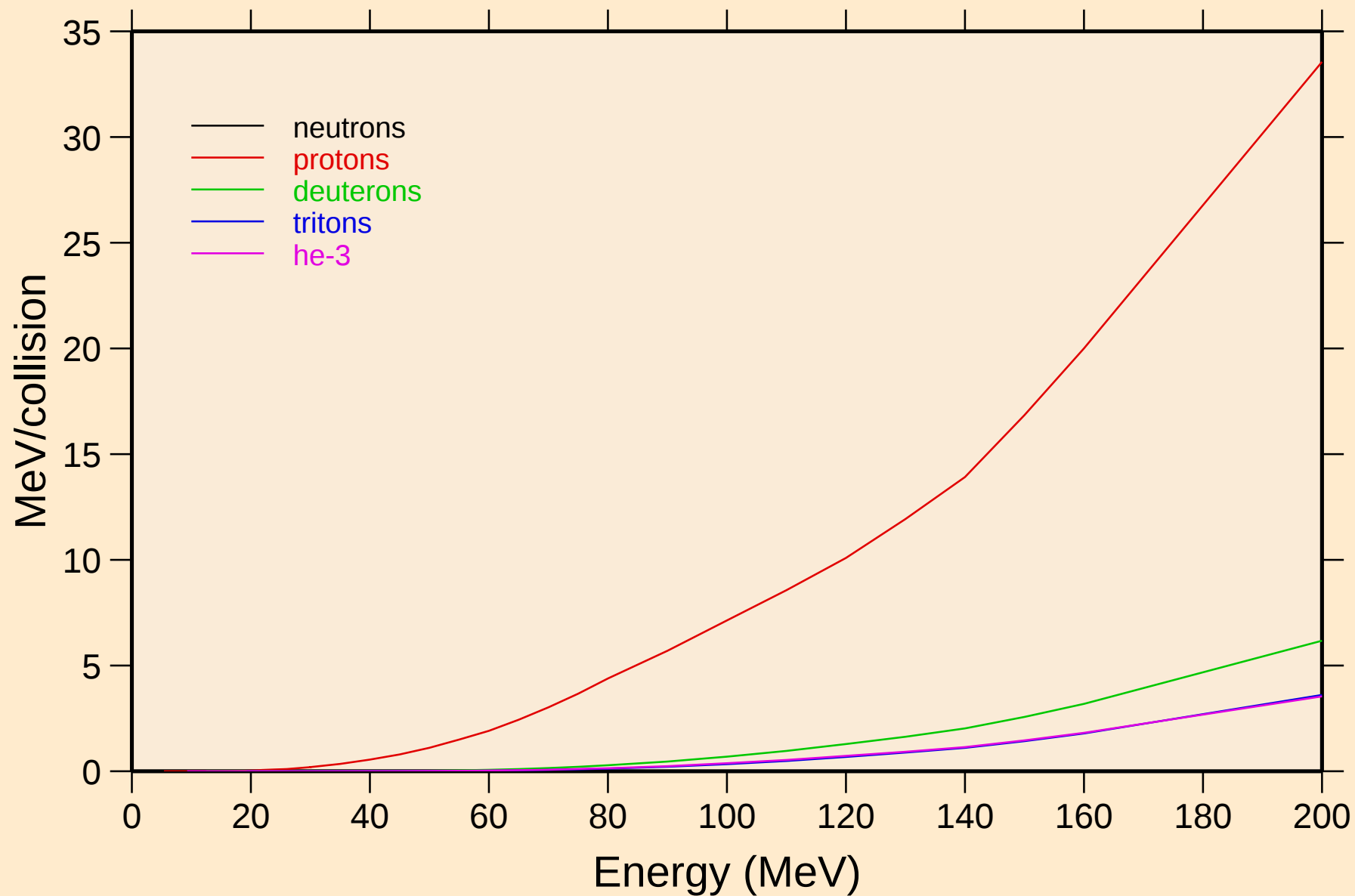


SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



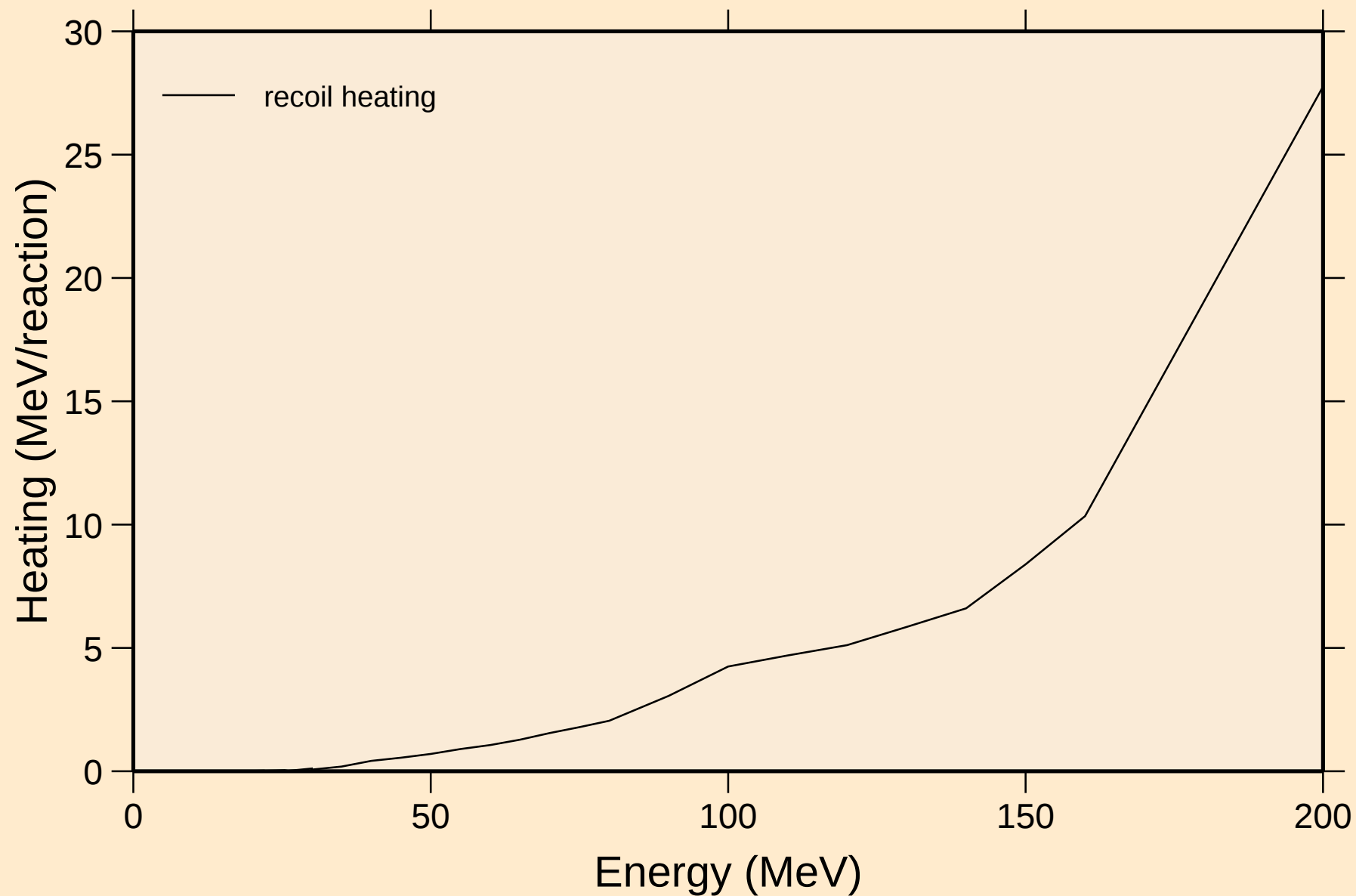
# SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



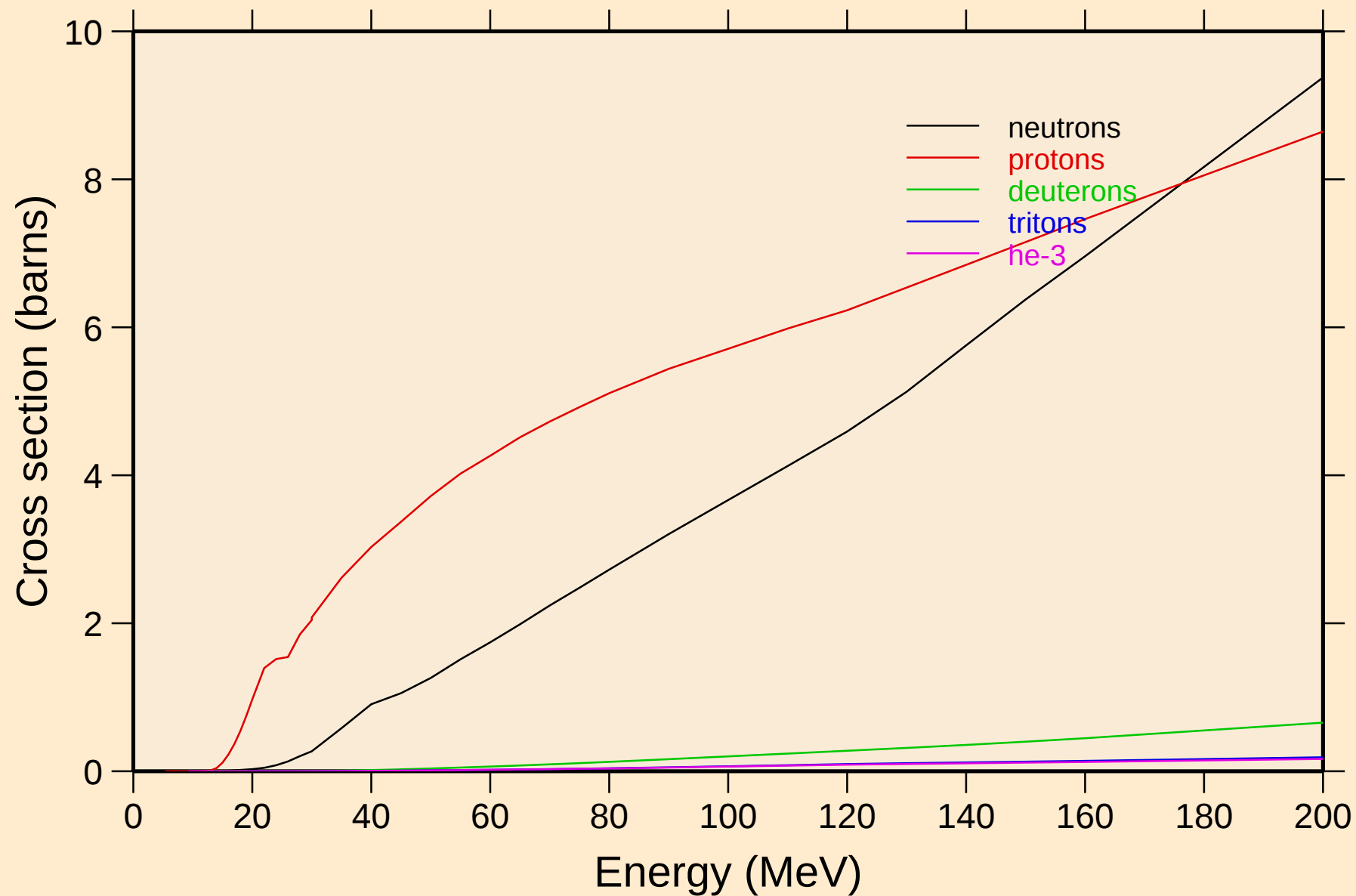
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

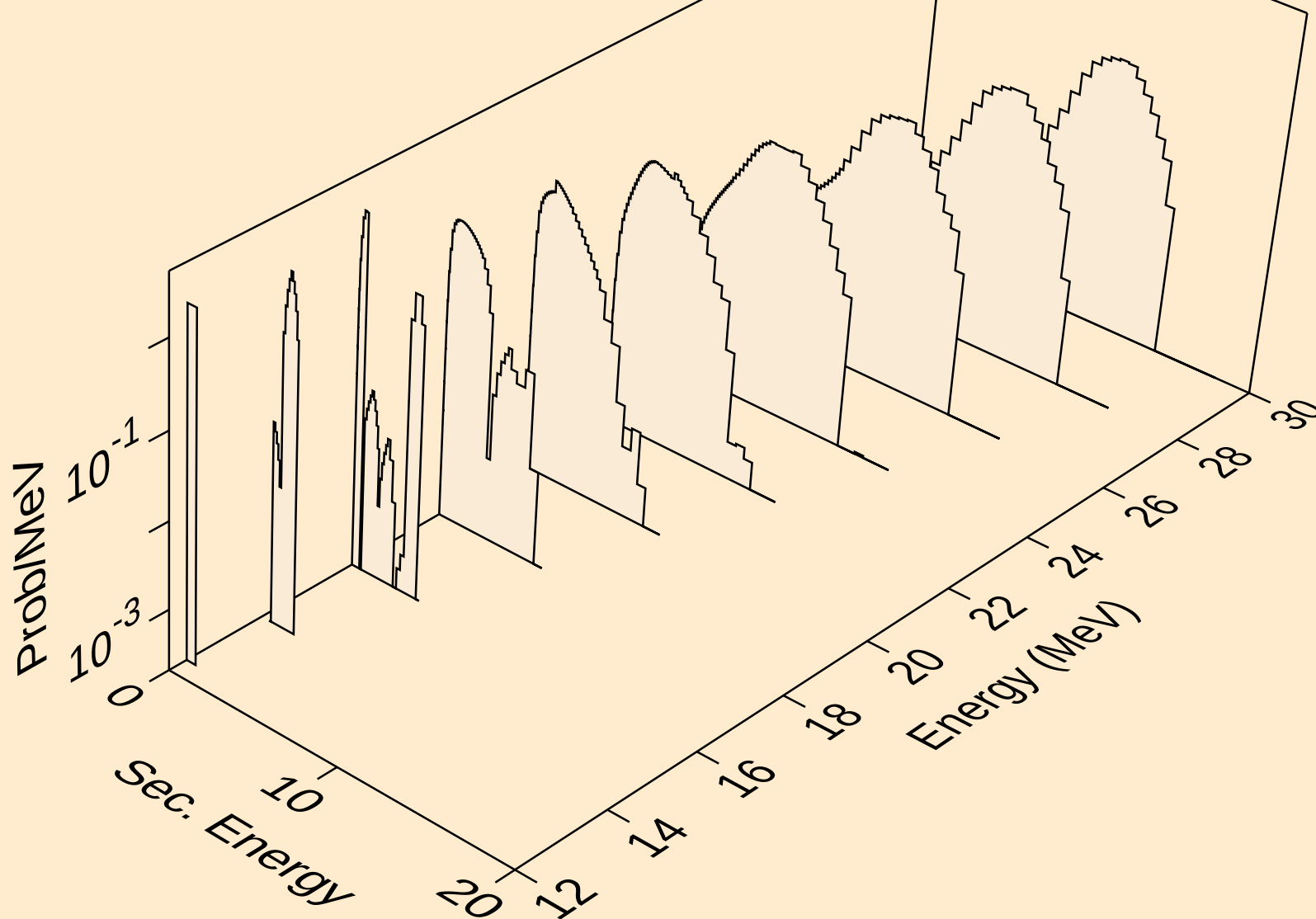


# SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

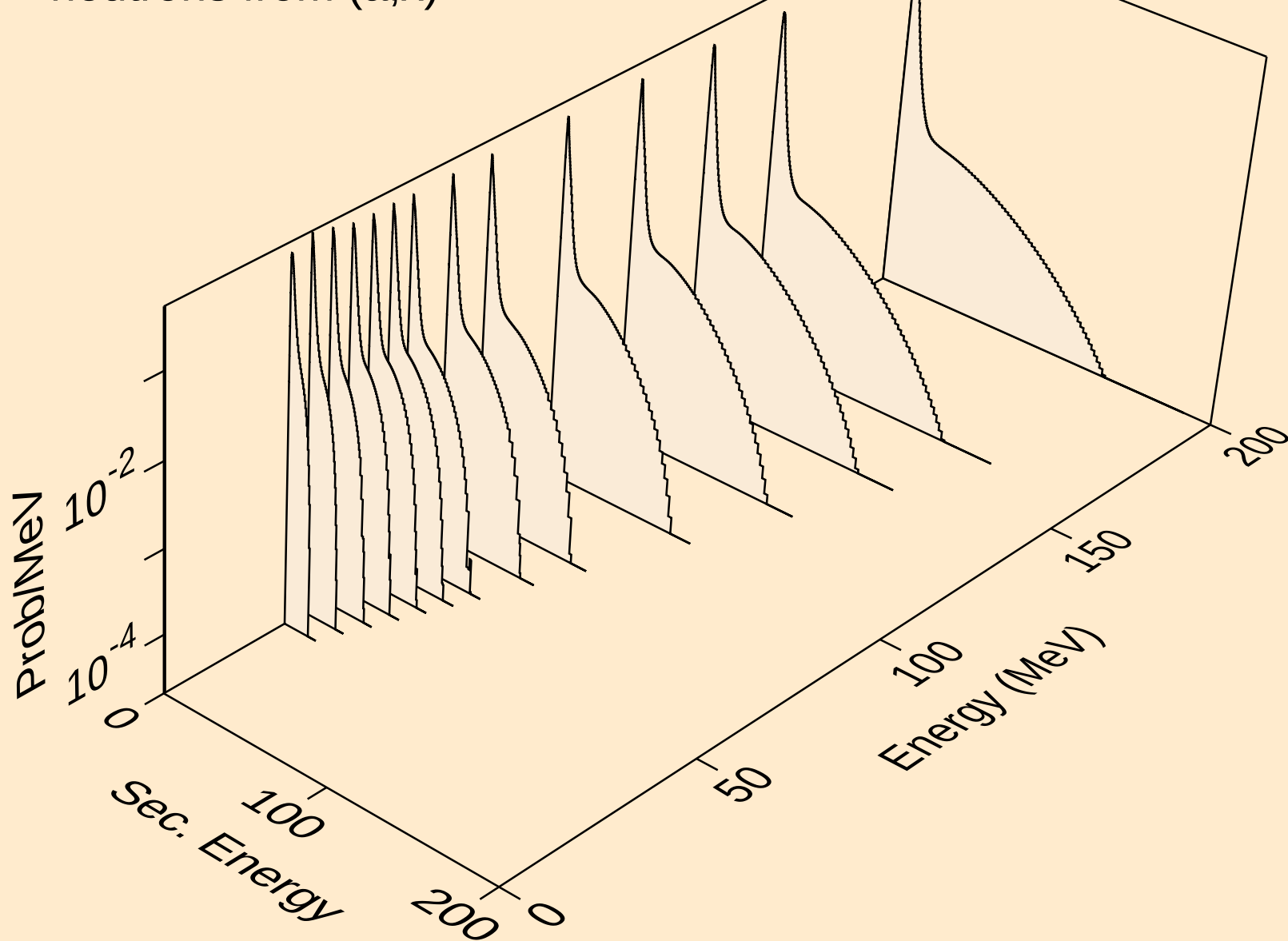
## Particle production cross sections



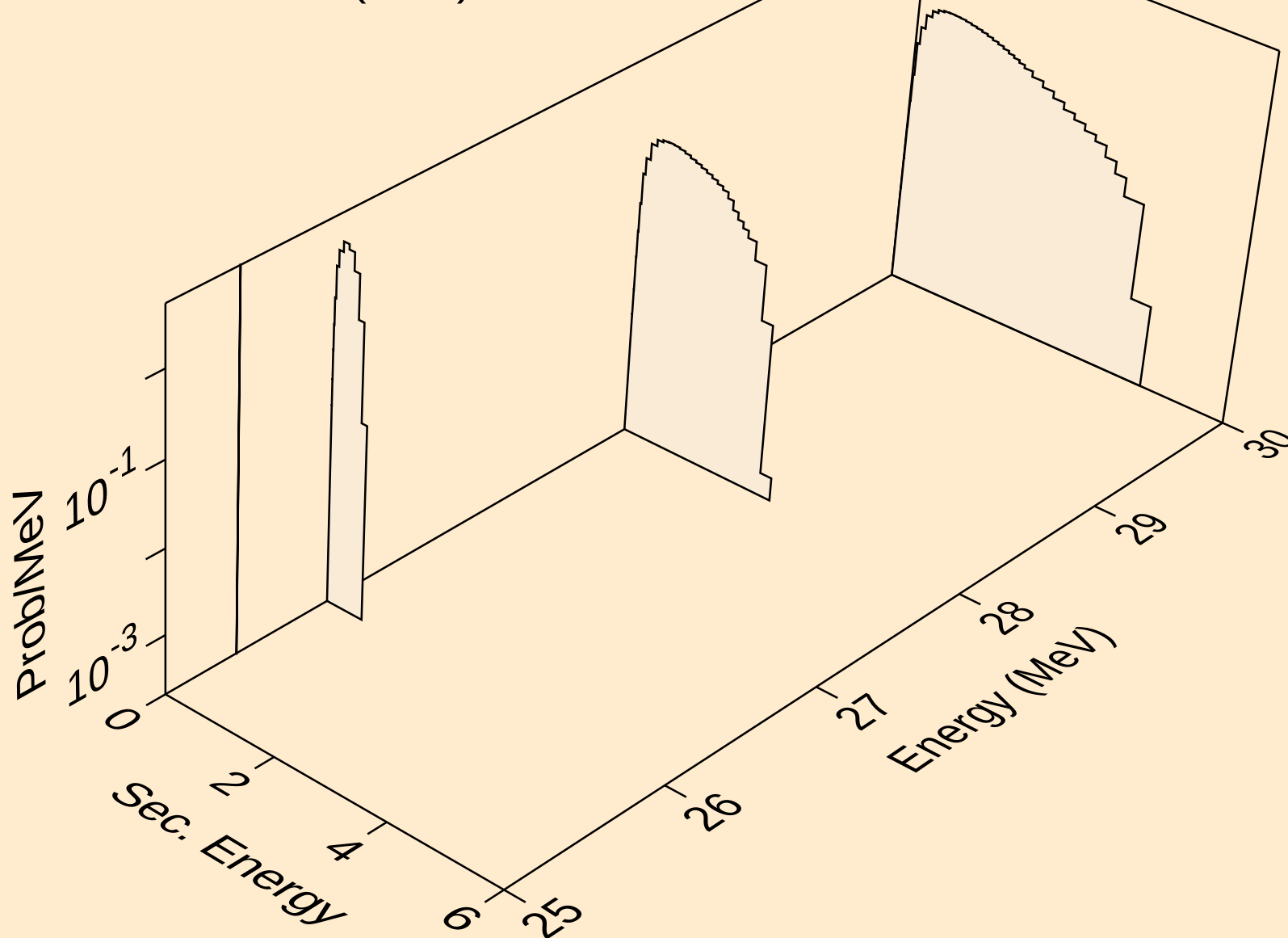
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



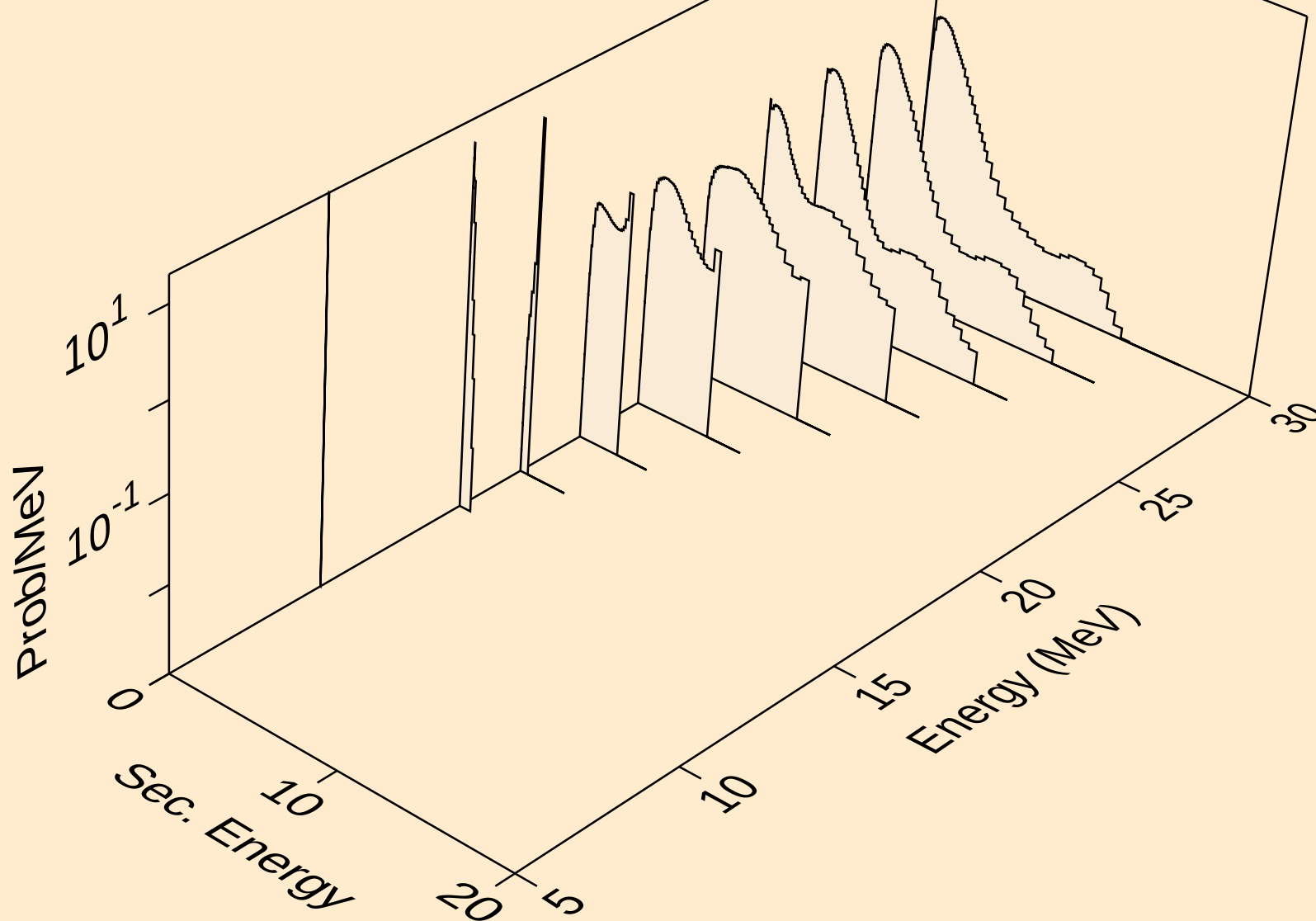
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



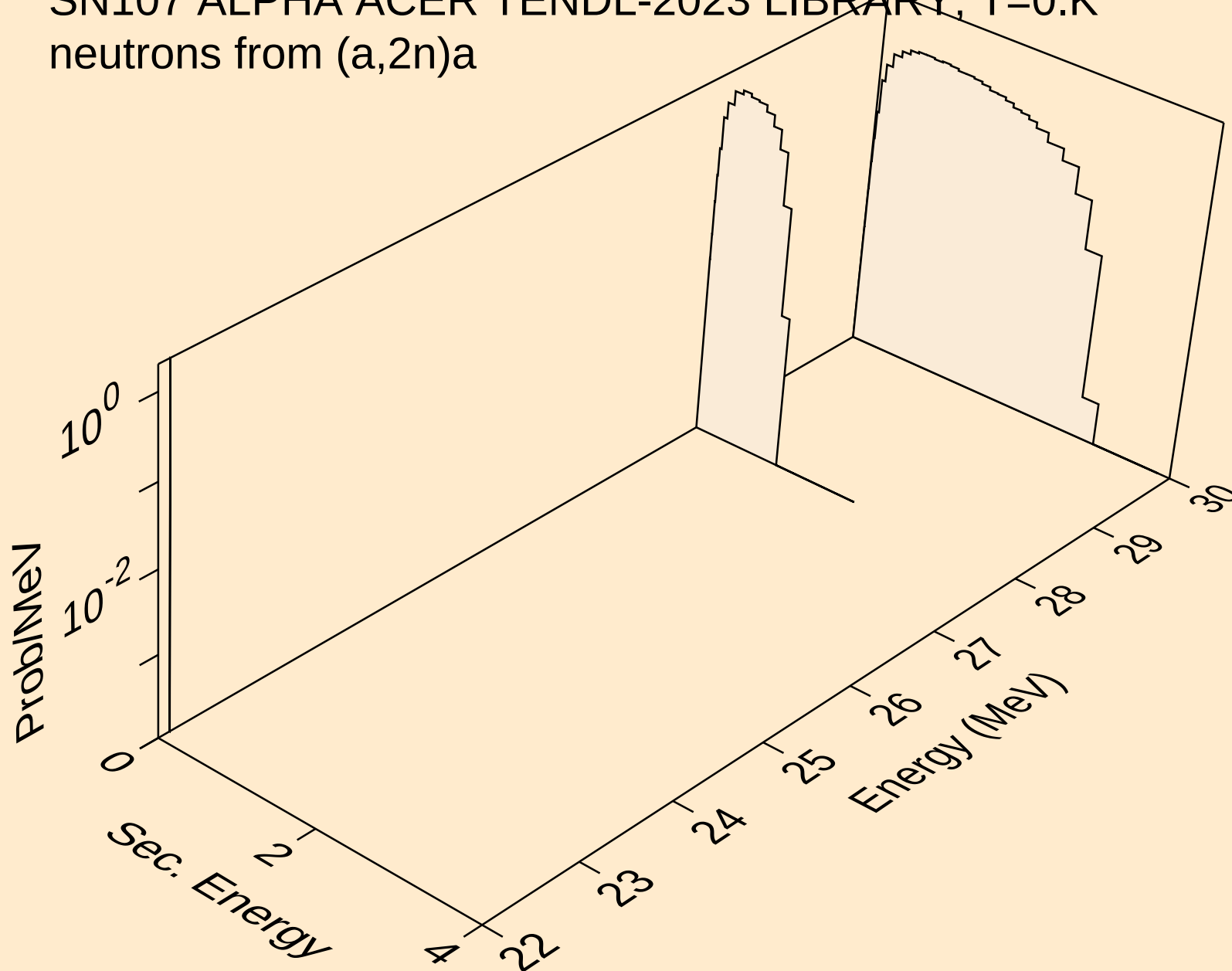
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



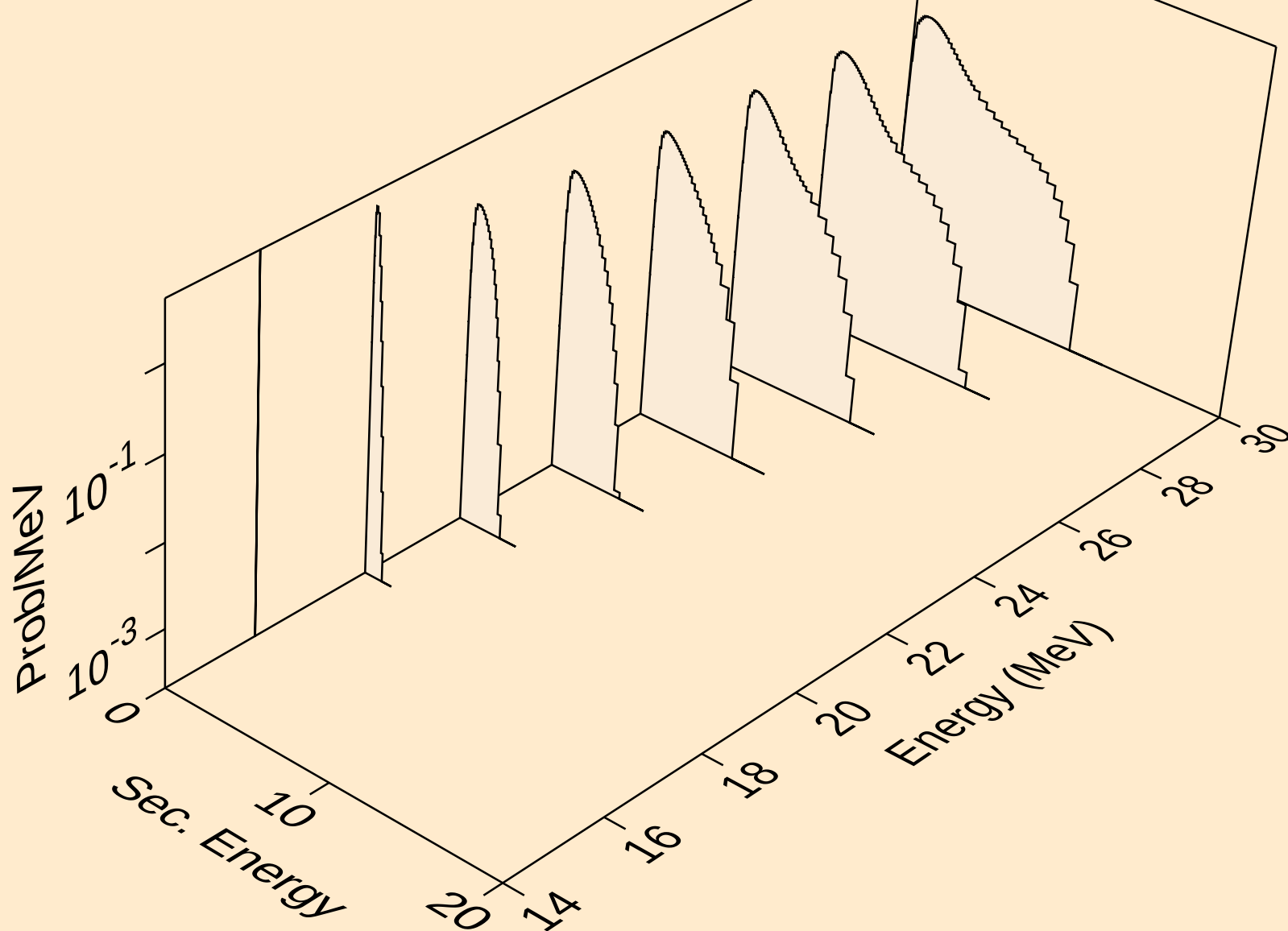
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



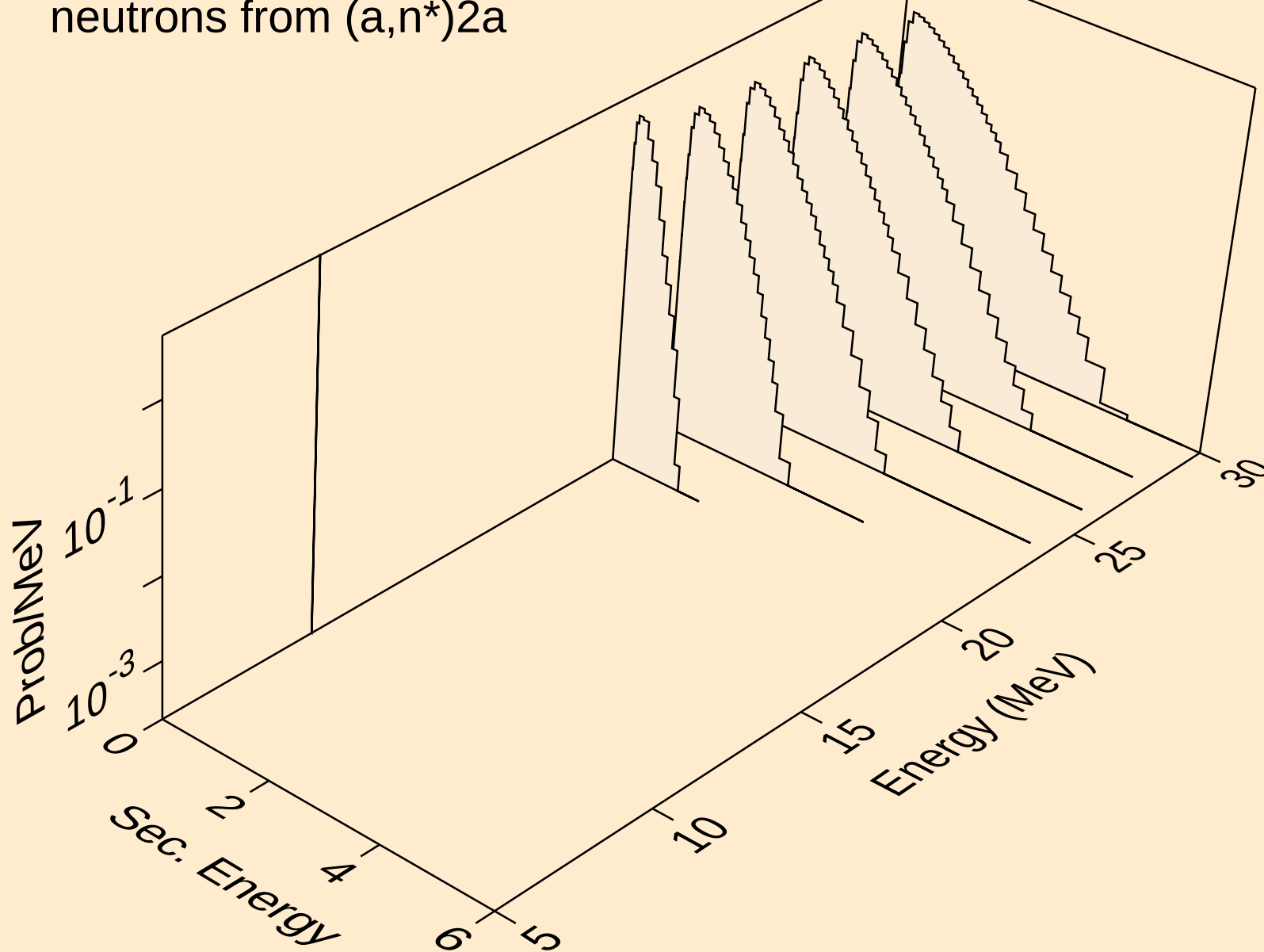
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



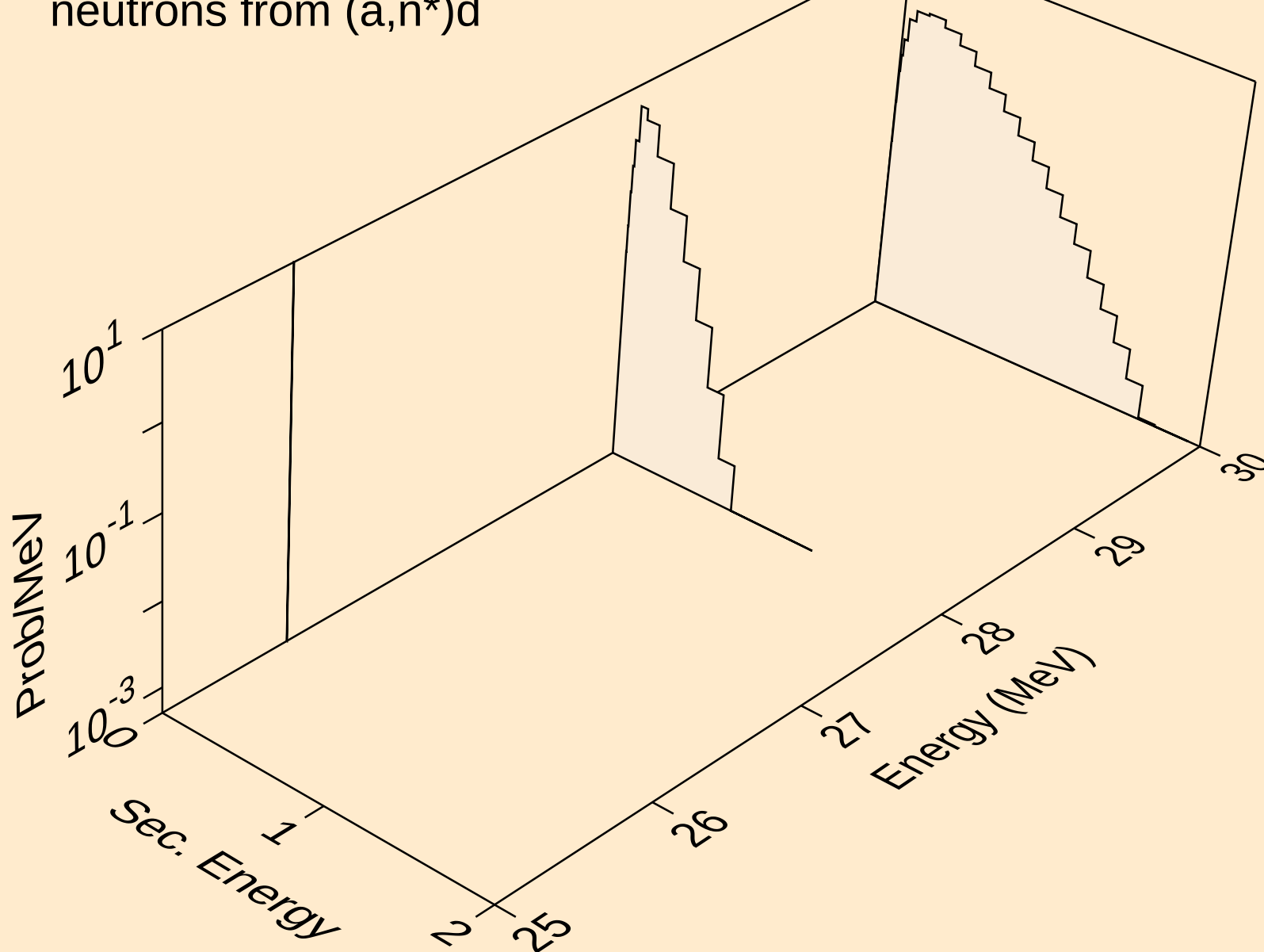
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



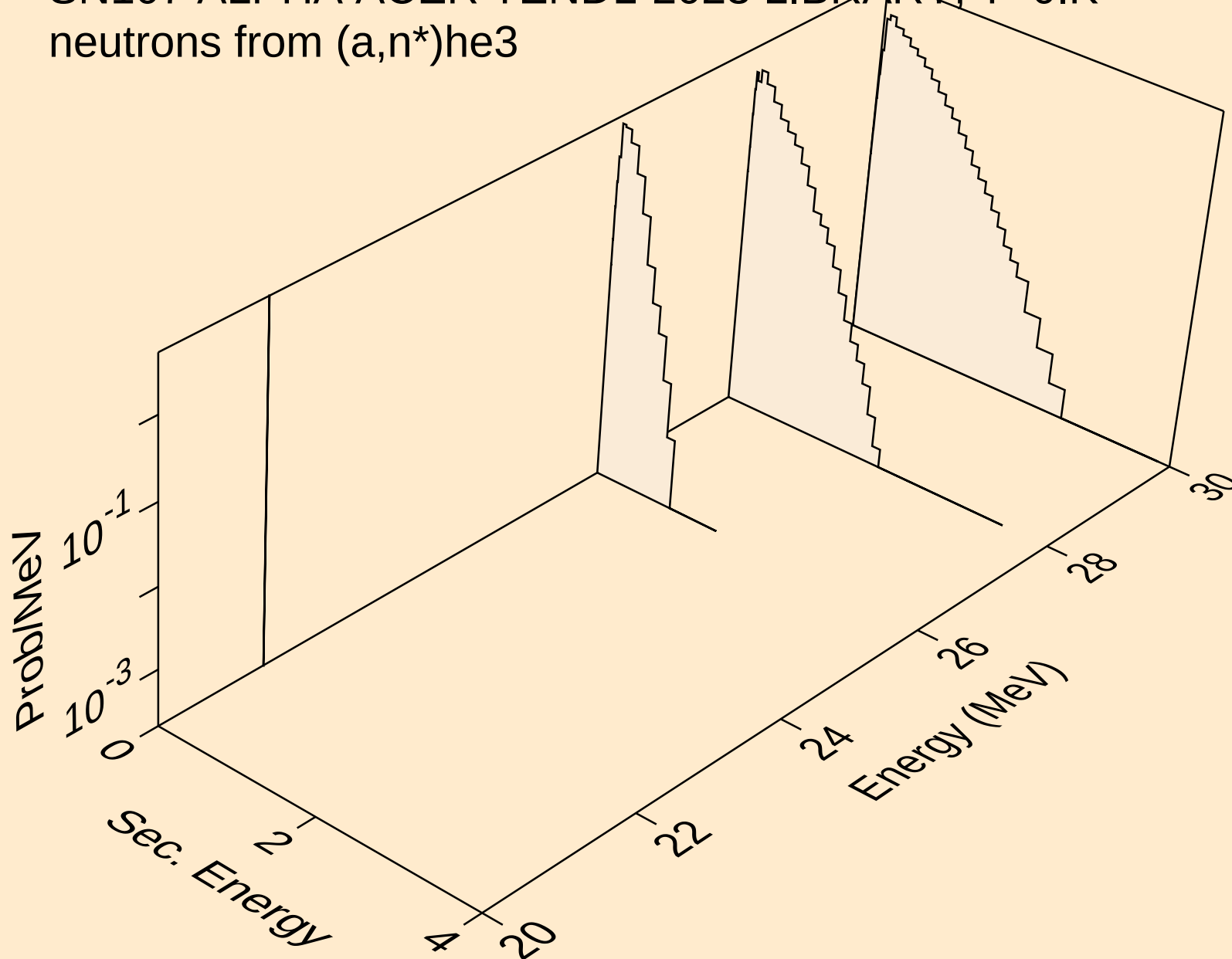
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from  $(\alpha, n^*)^{238}\text{U}$



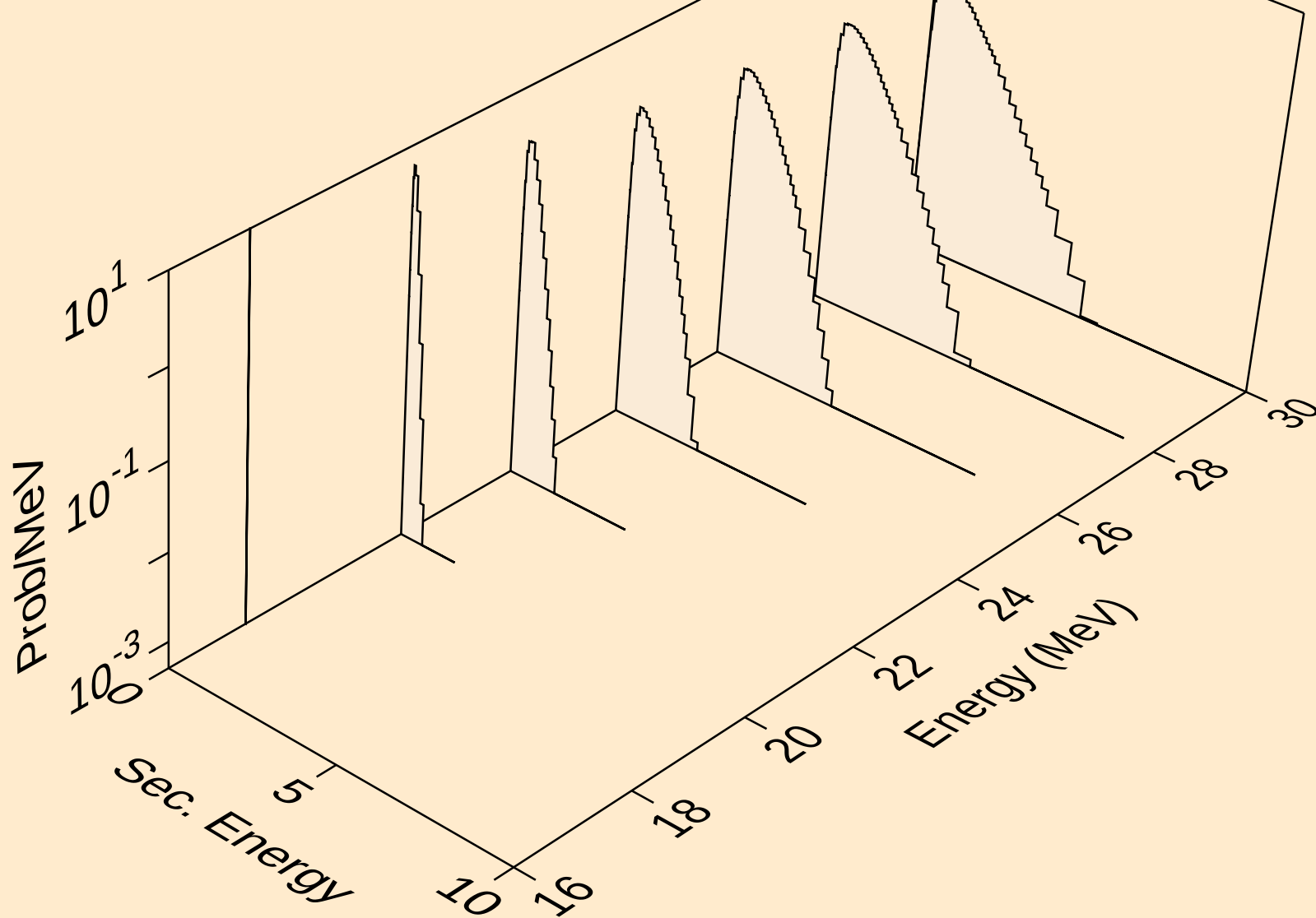
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



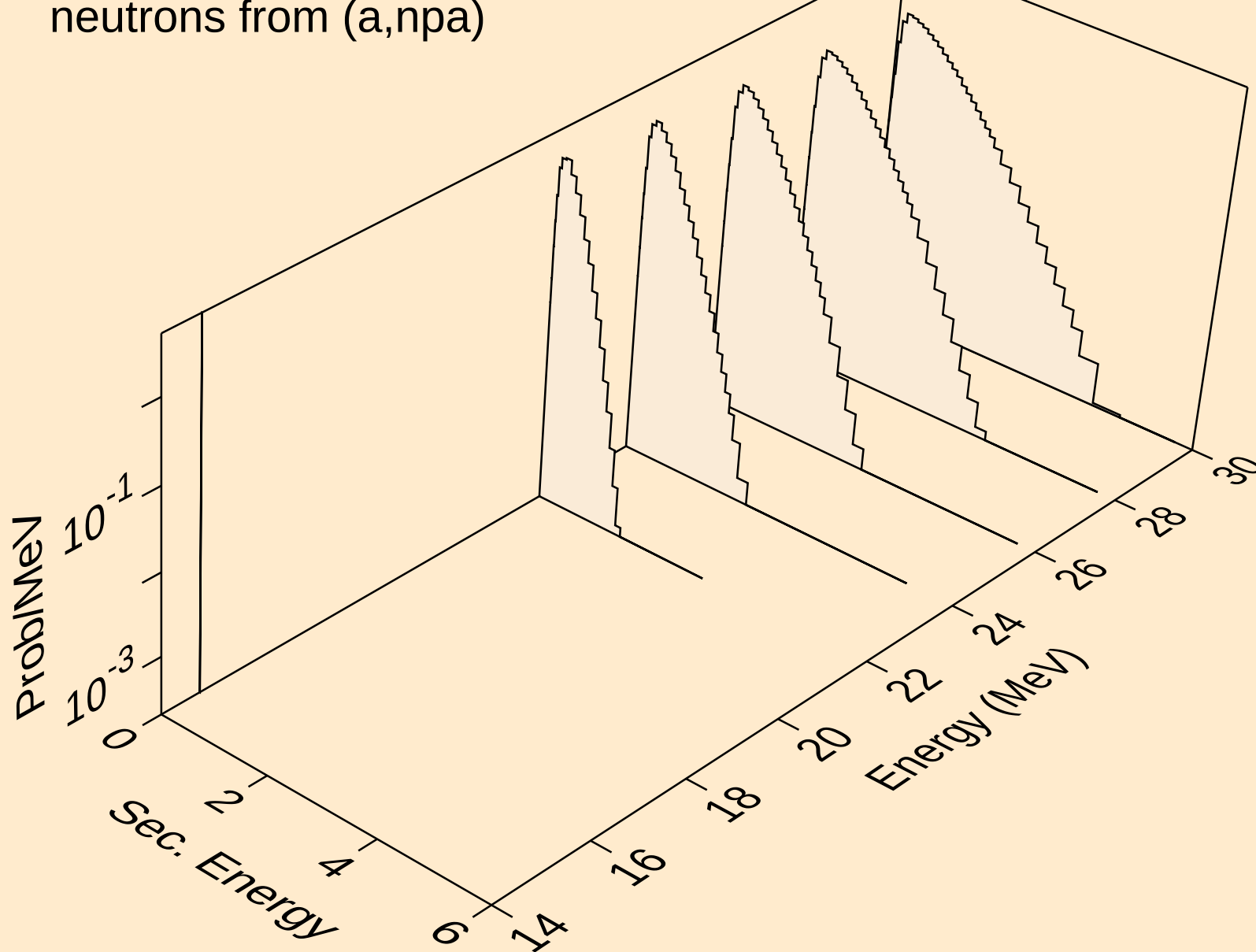
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



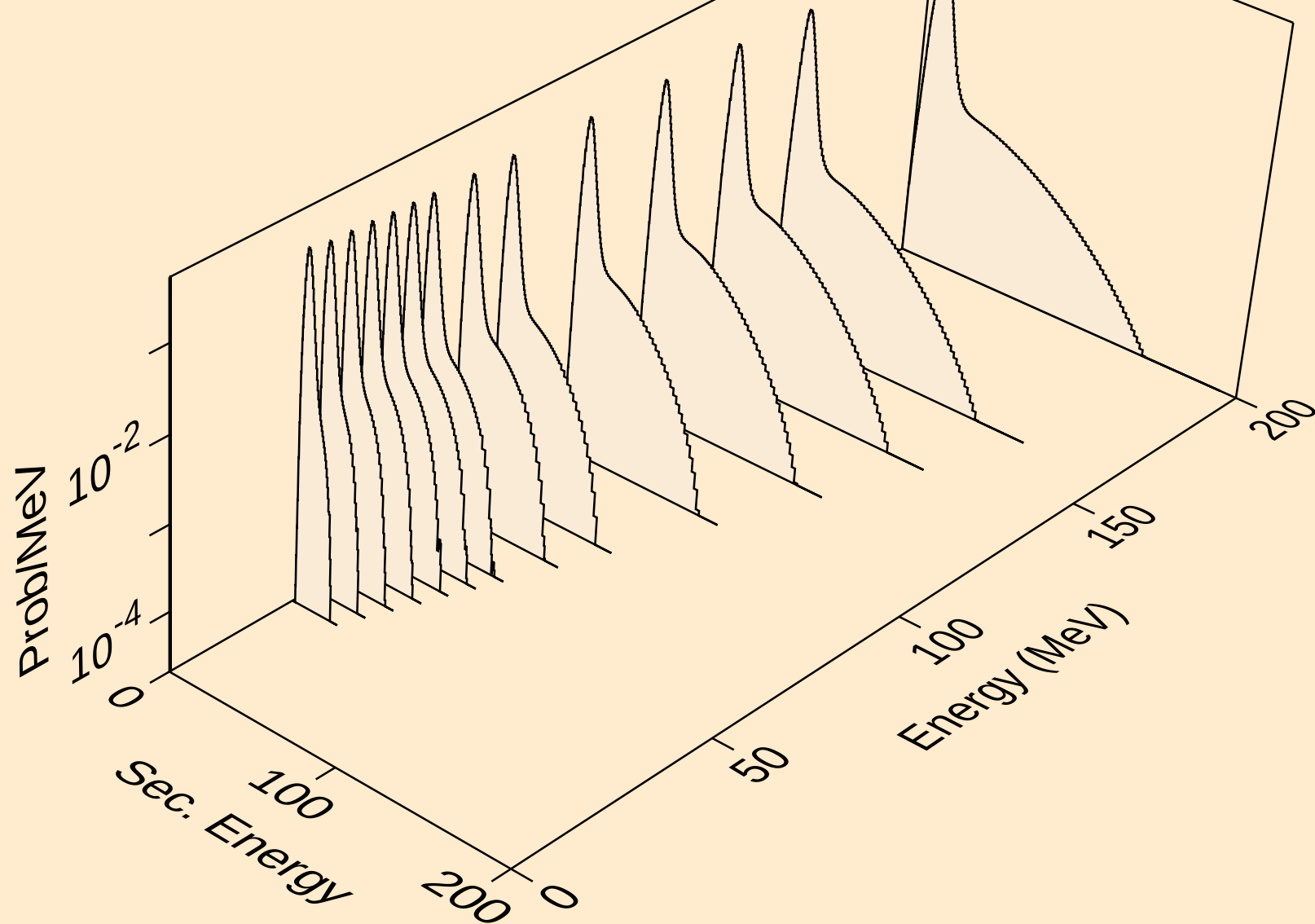
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



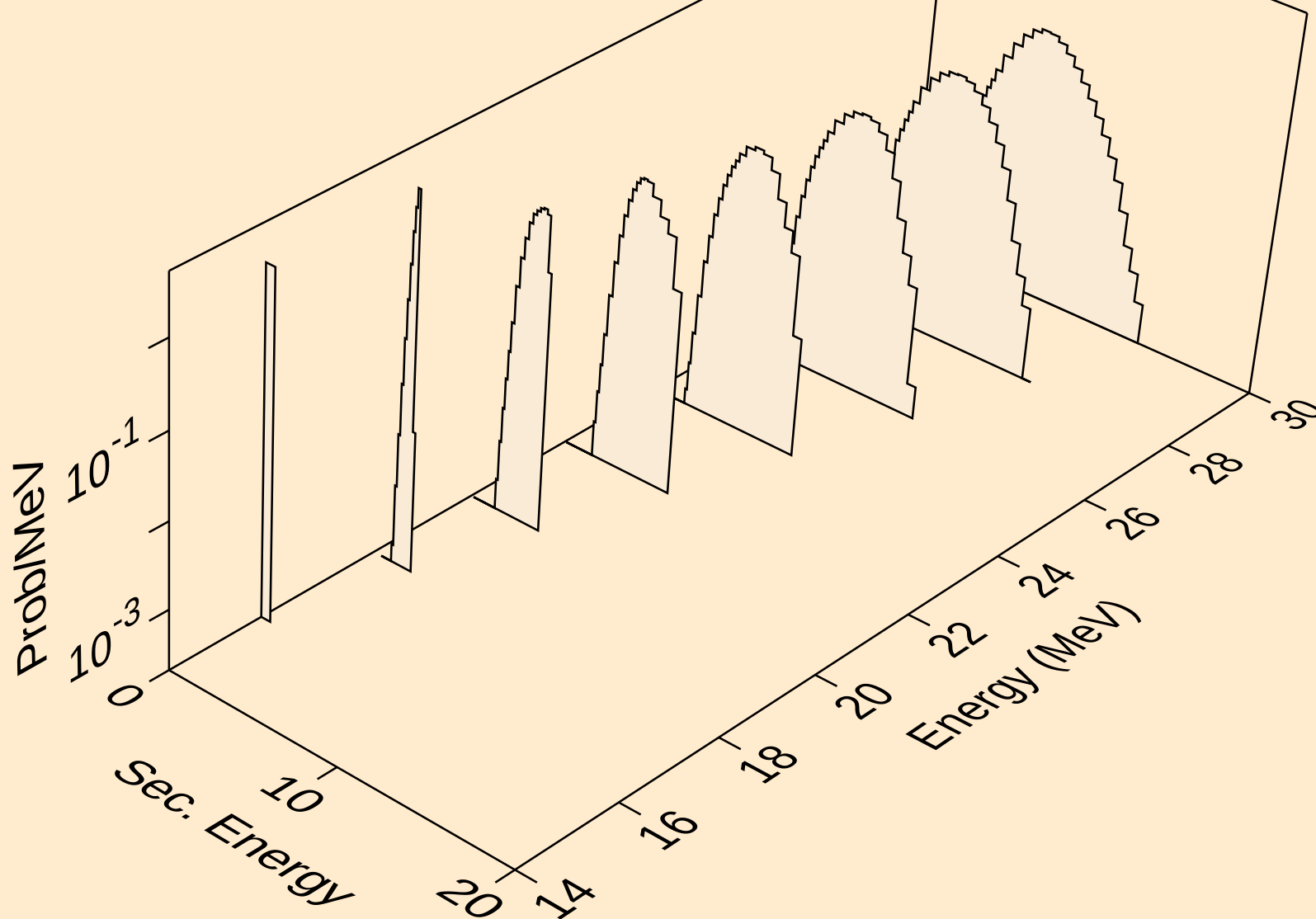
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



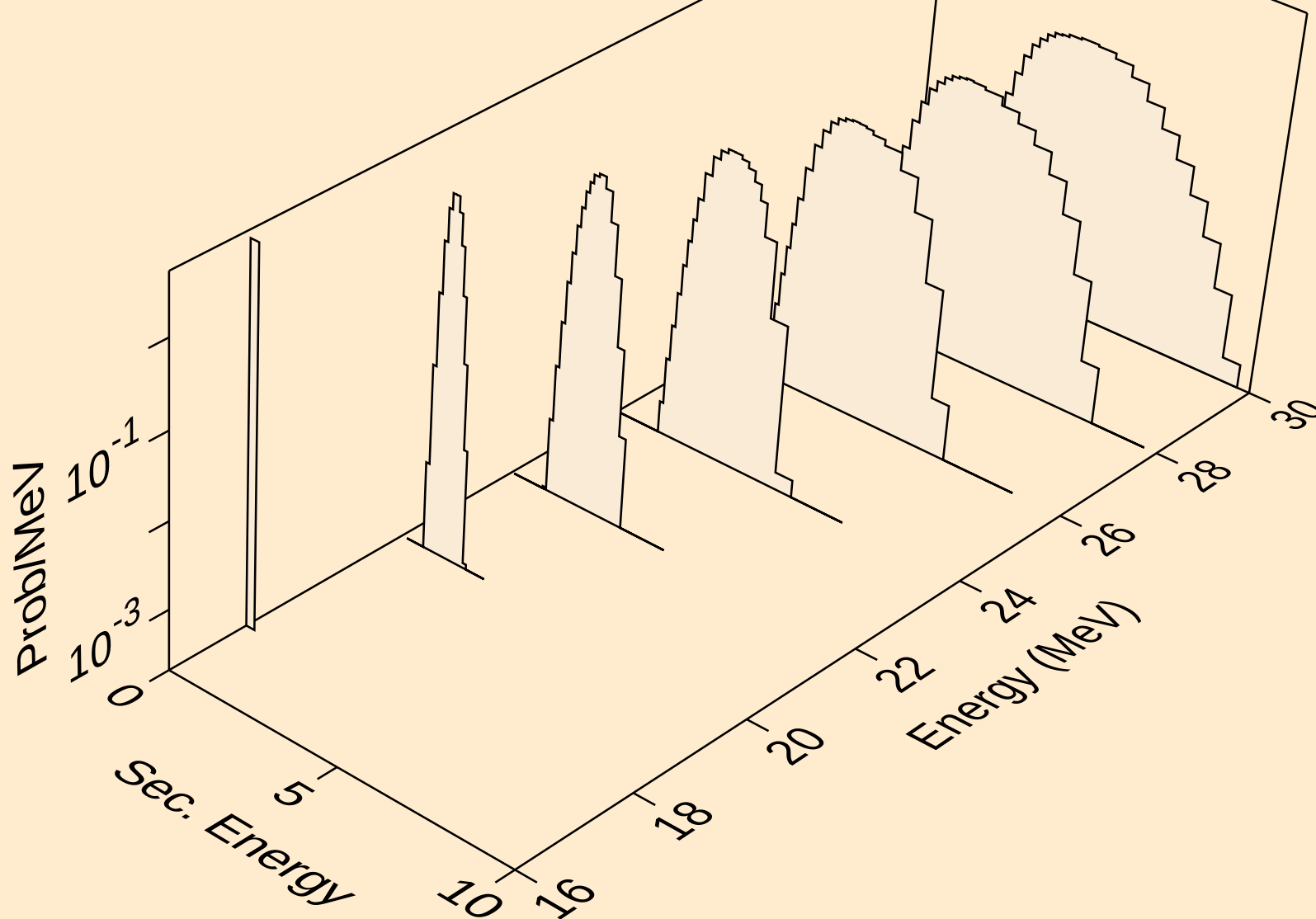
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



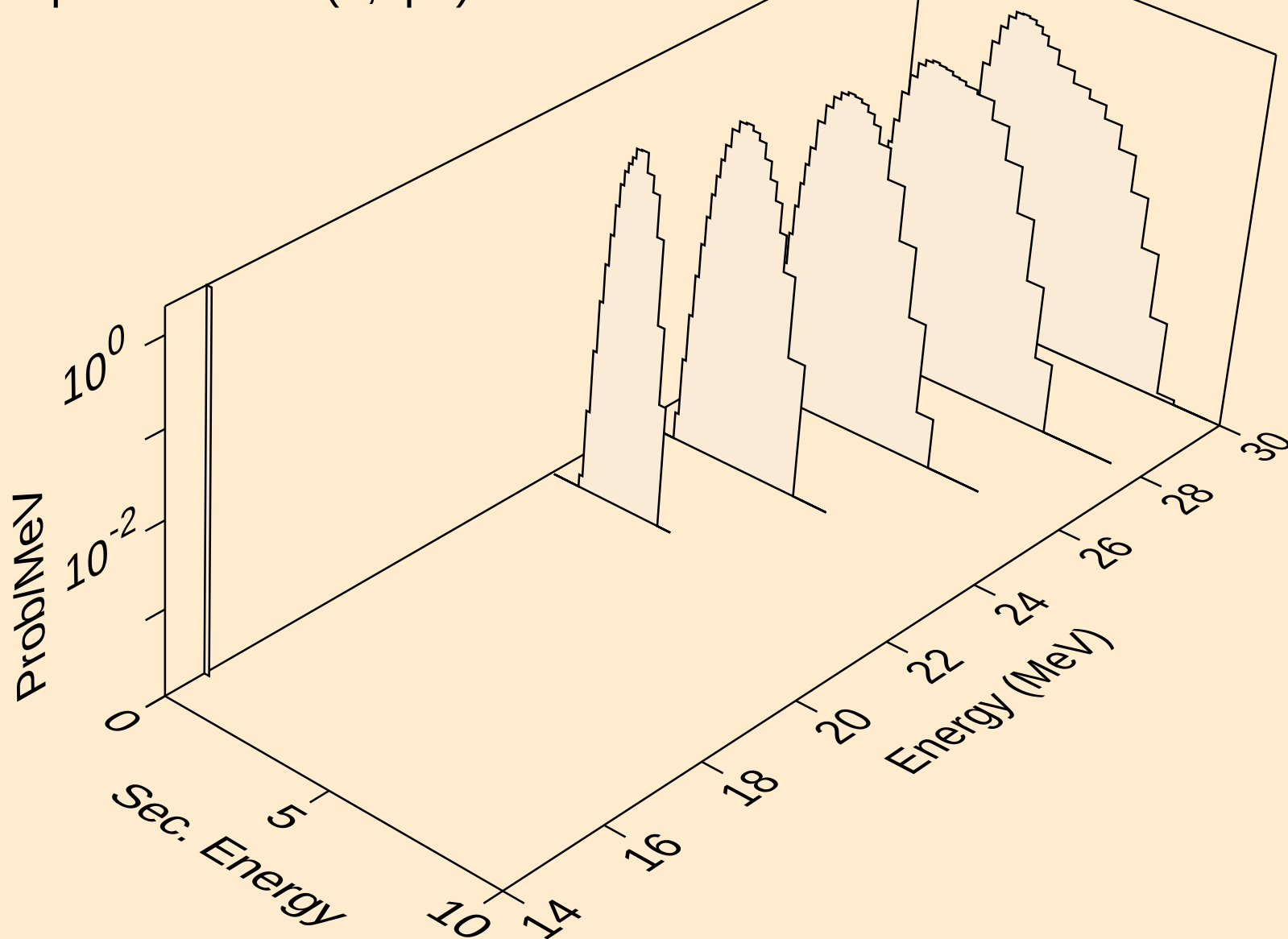
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



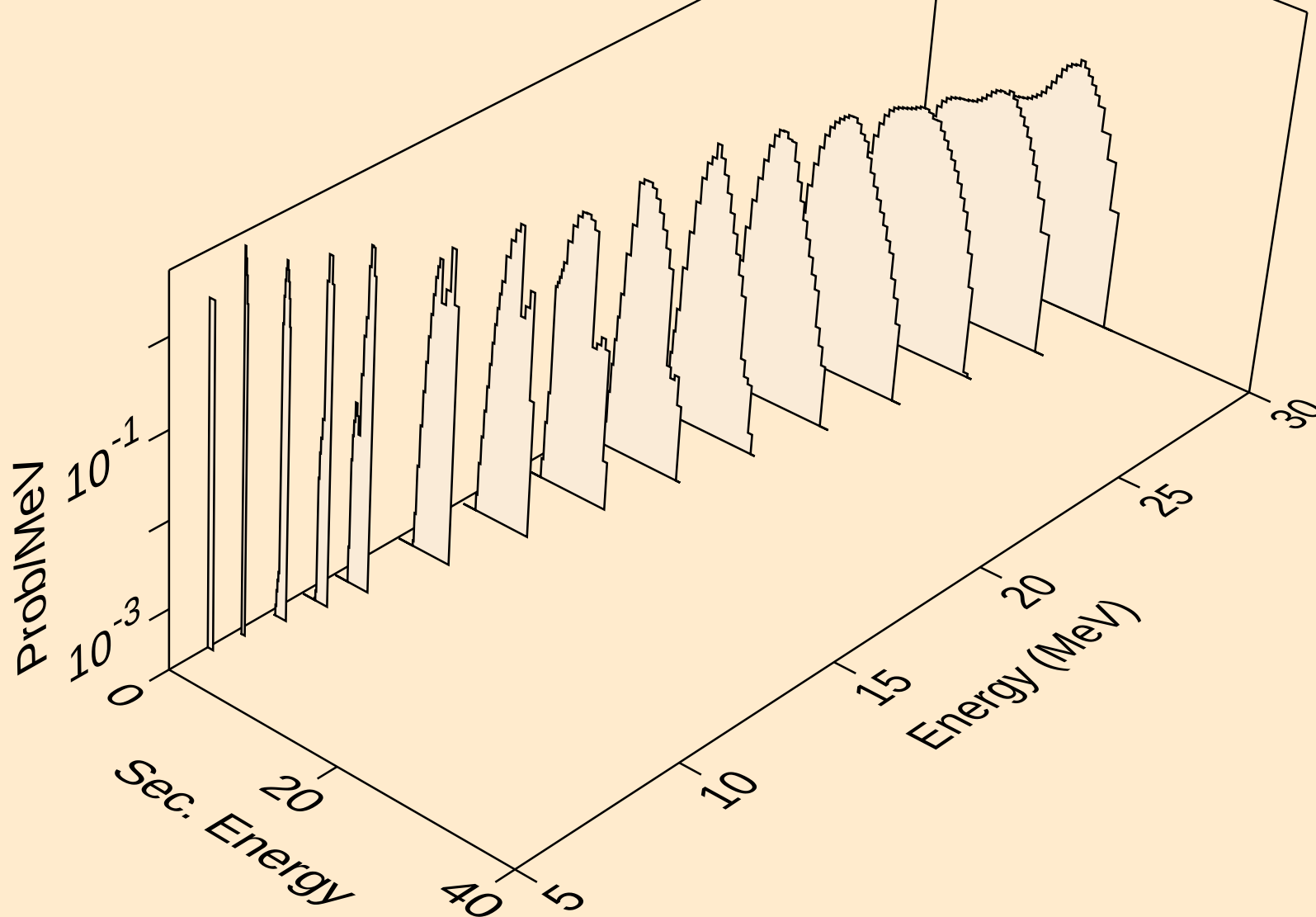
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



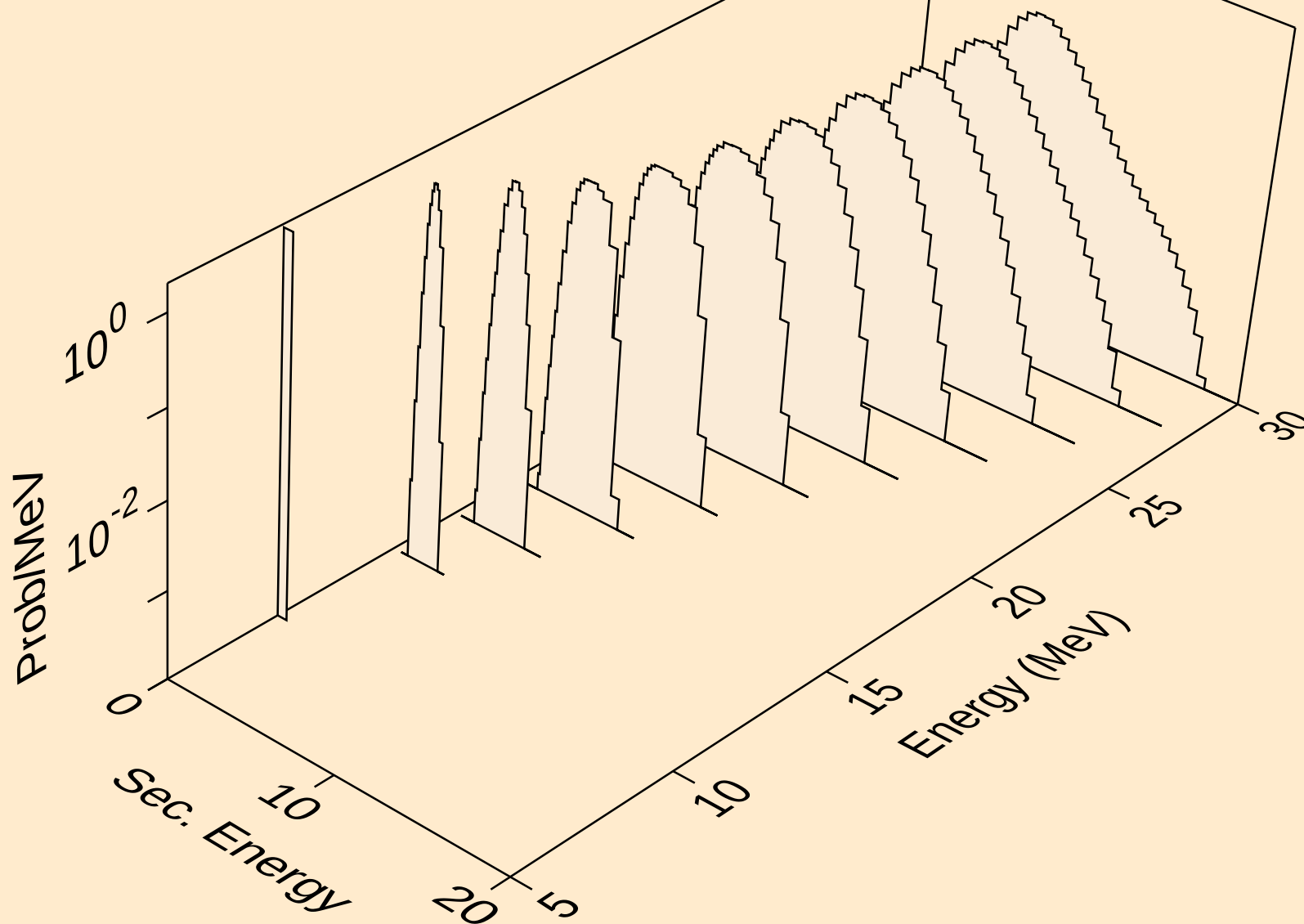
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



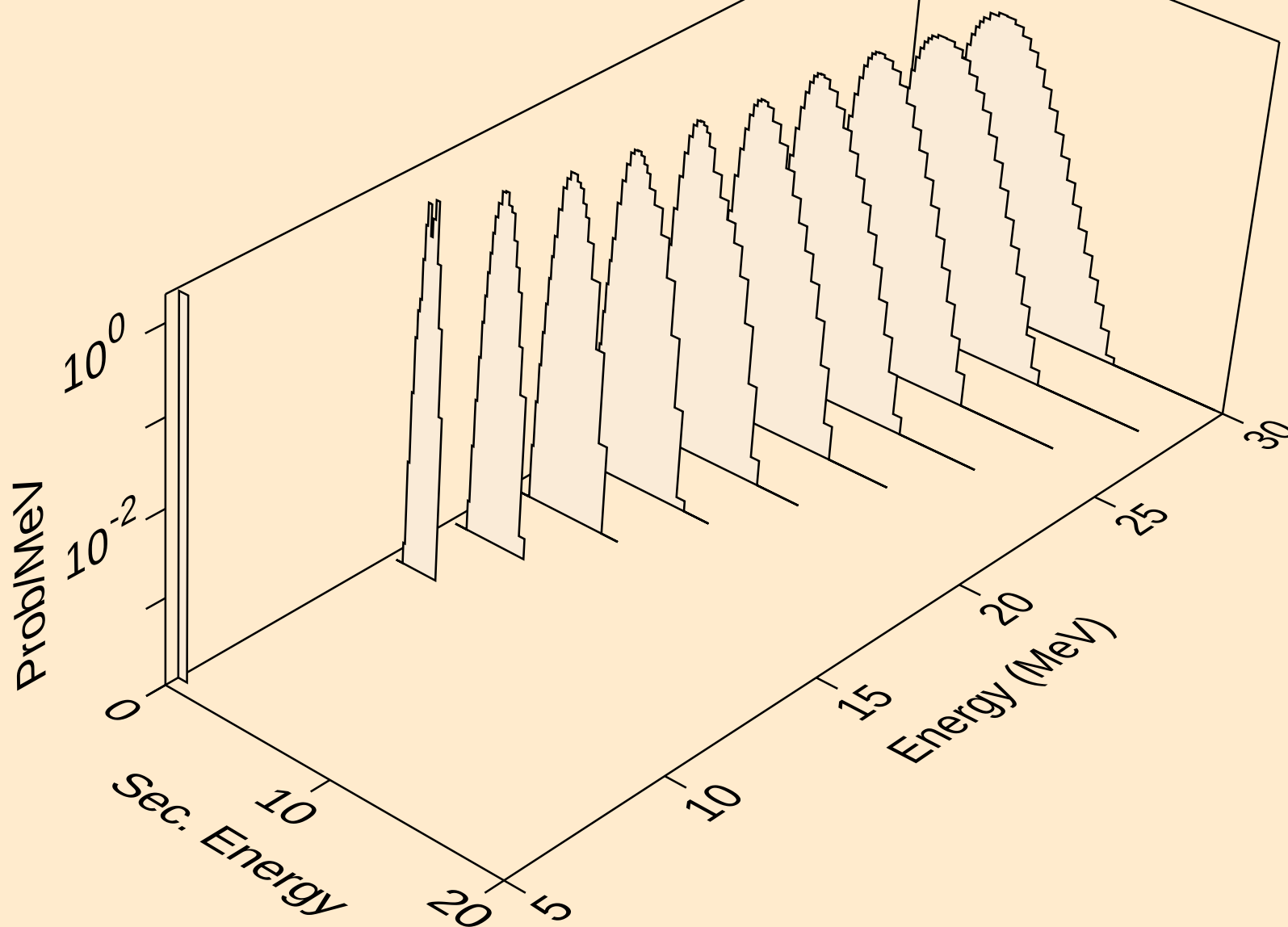
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



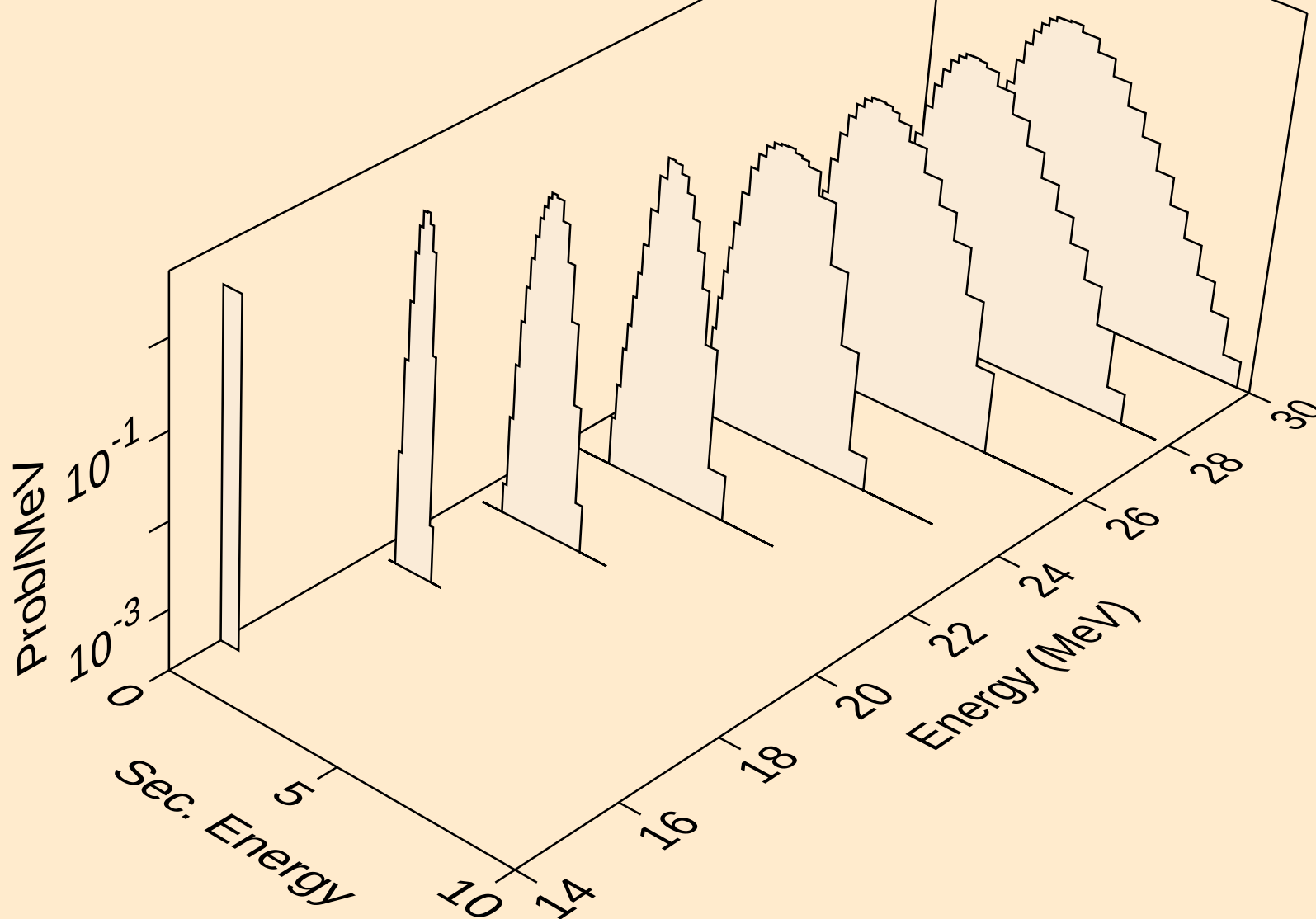
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



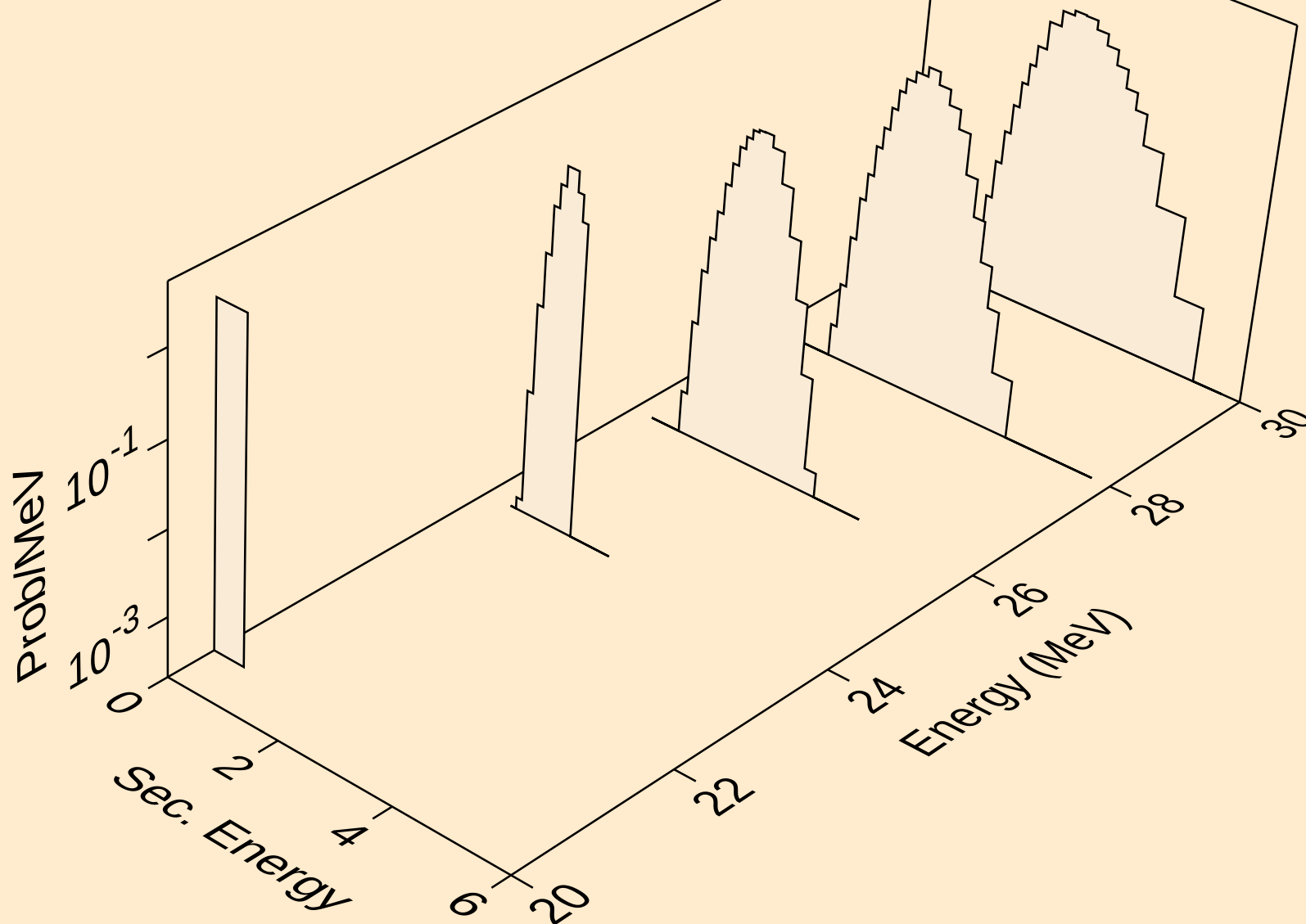
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



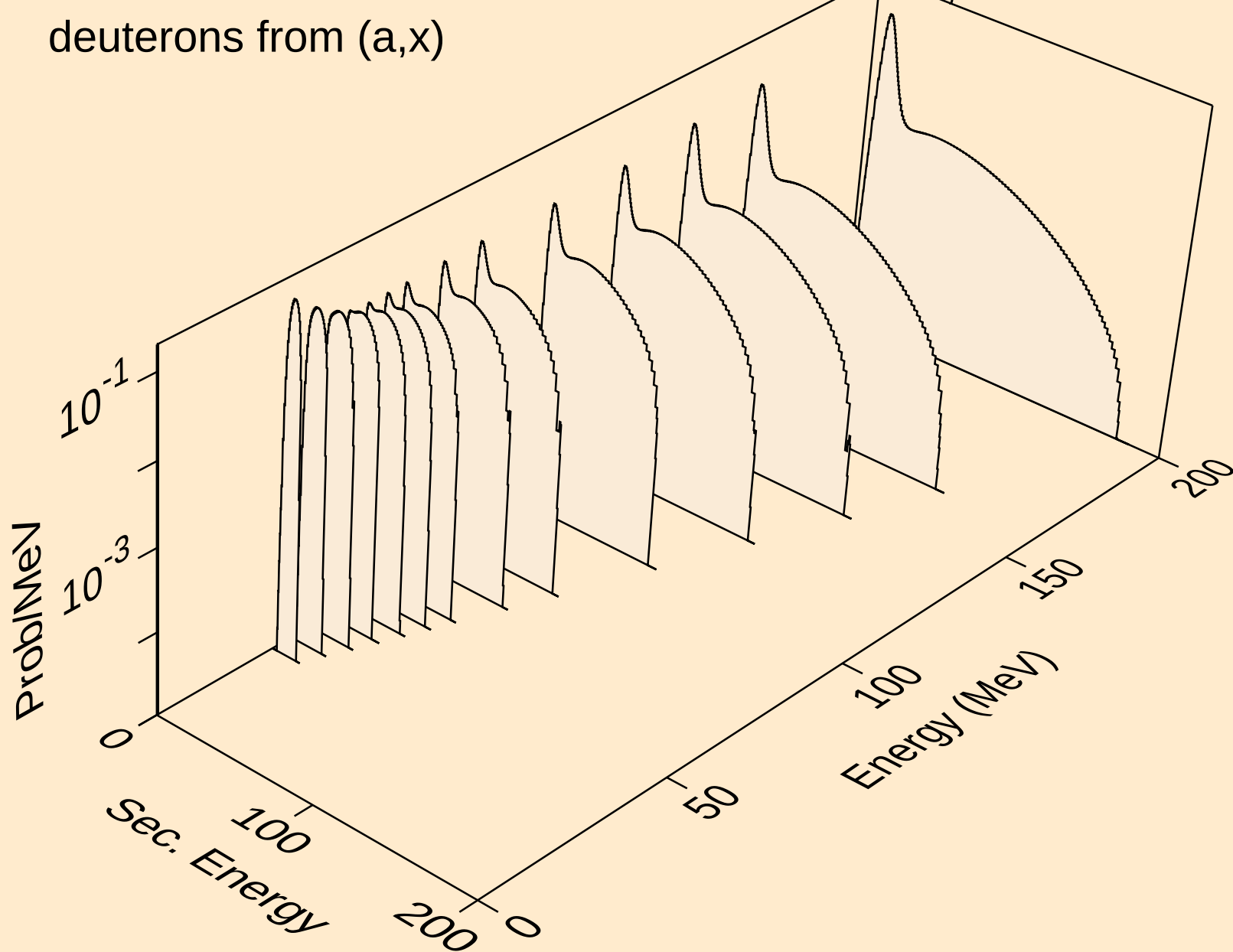
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



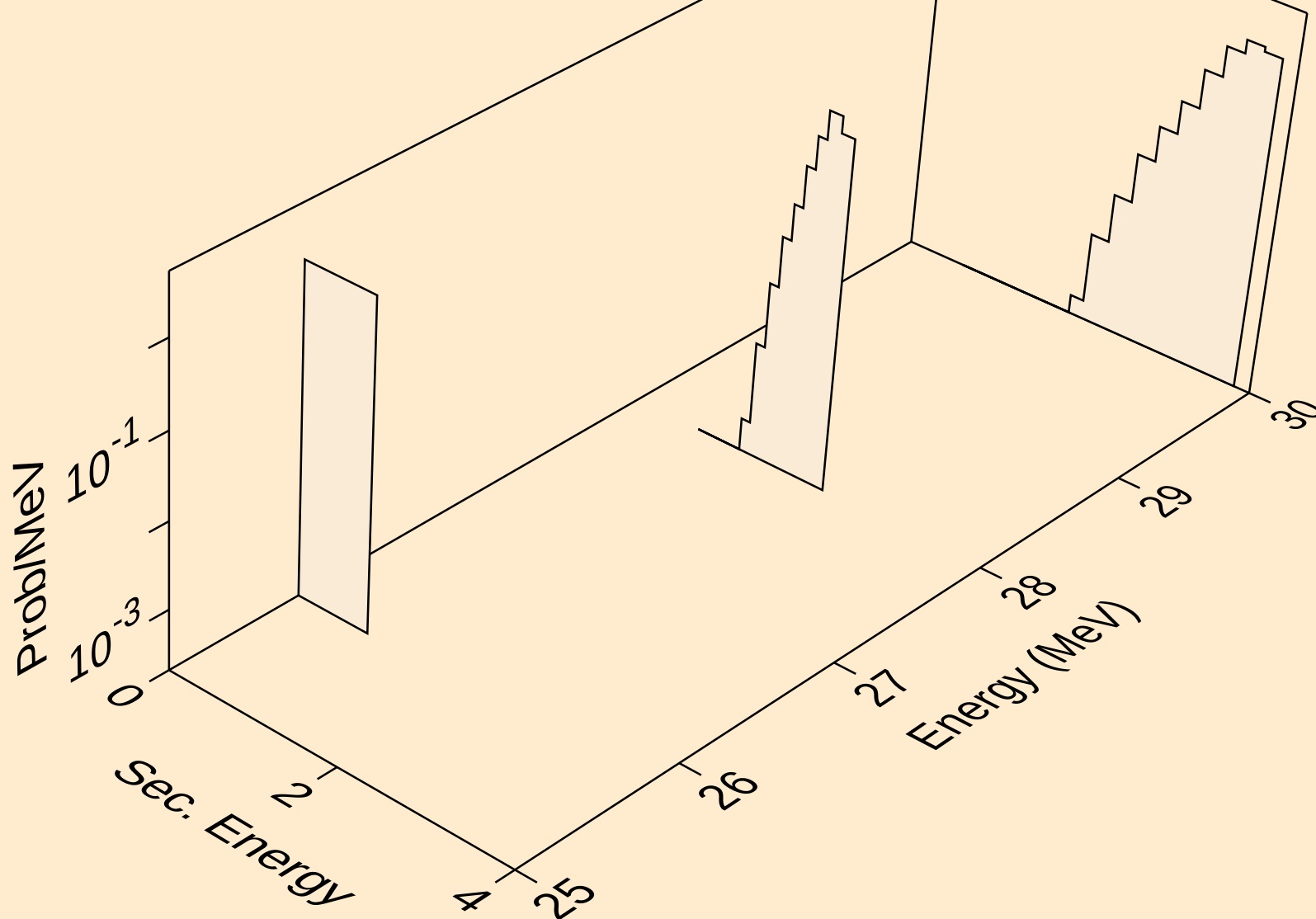
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



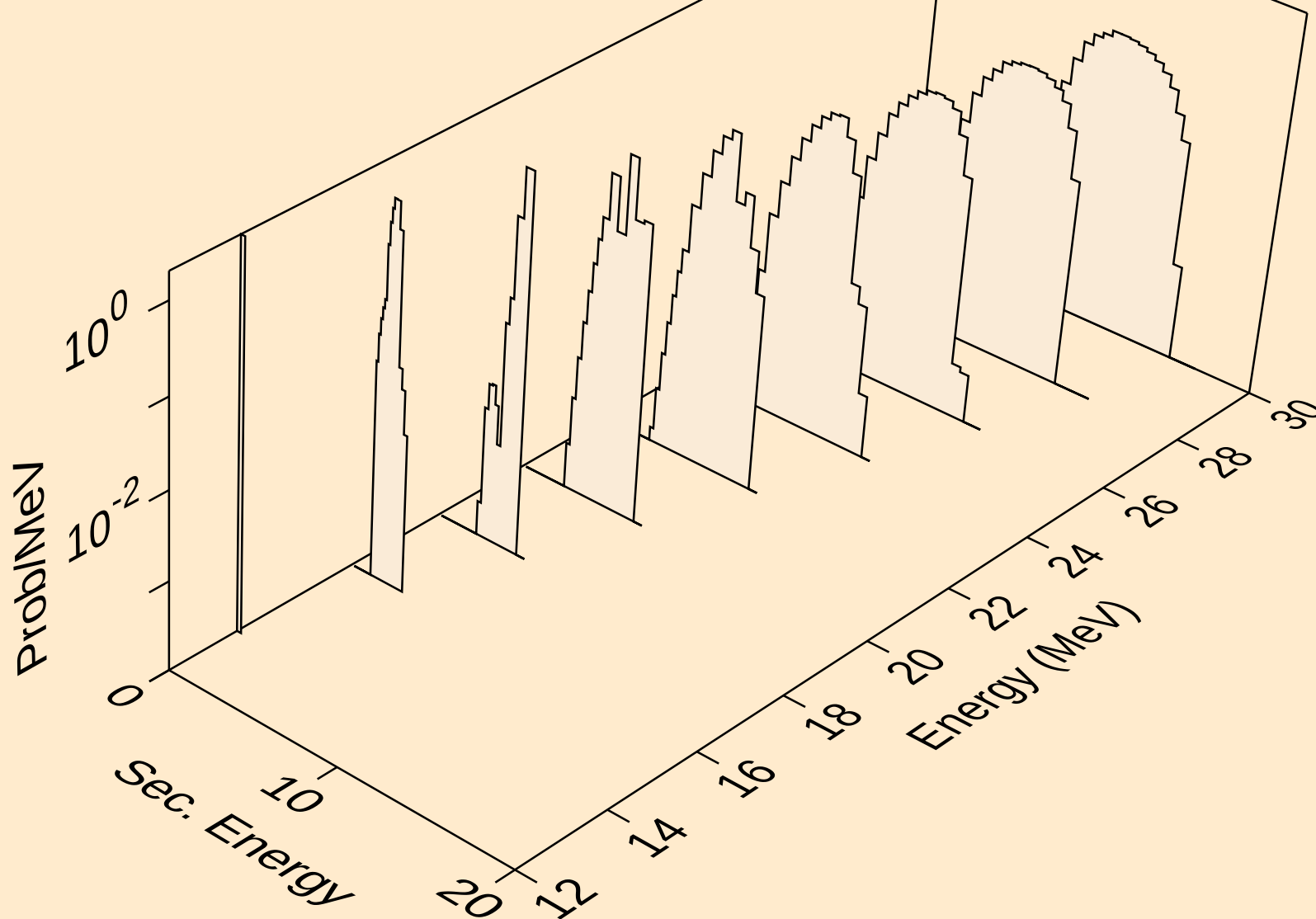
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



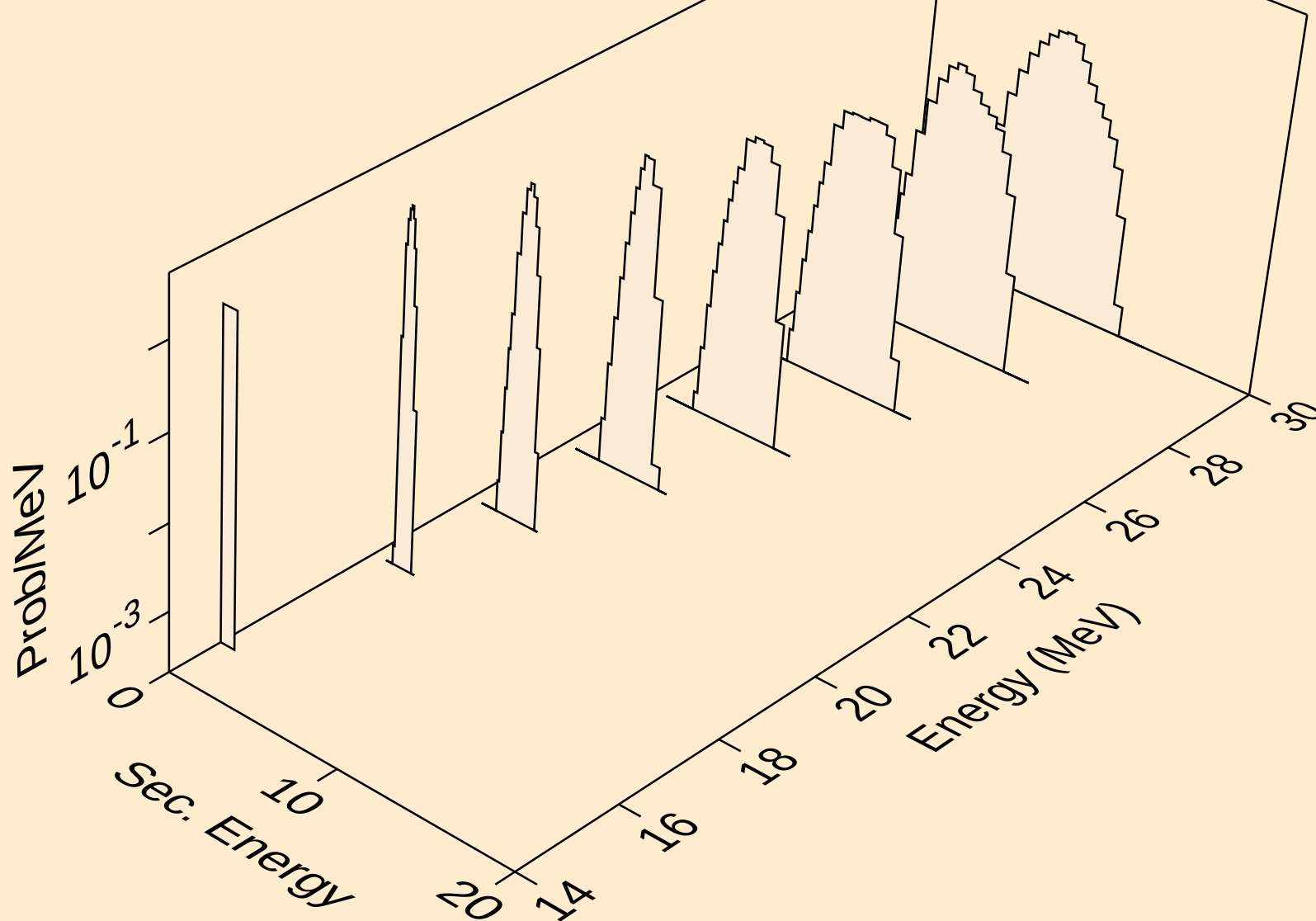
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



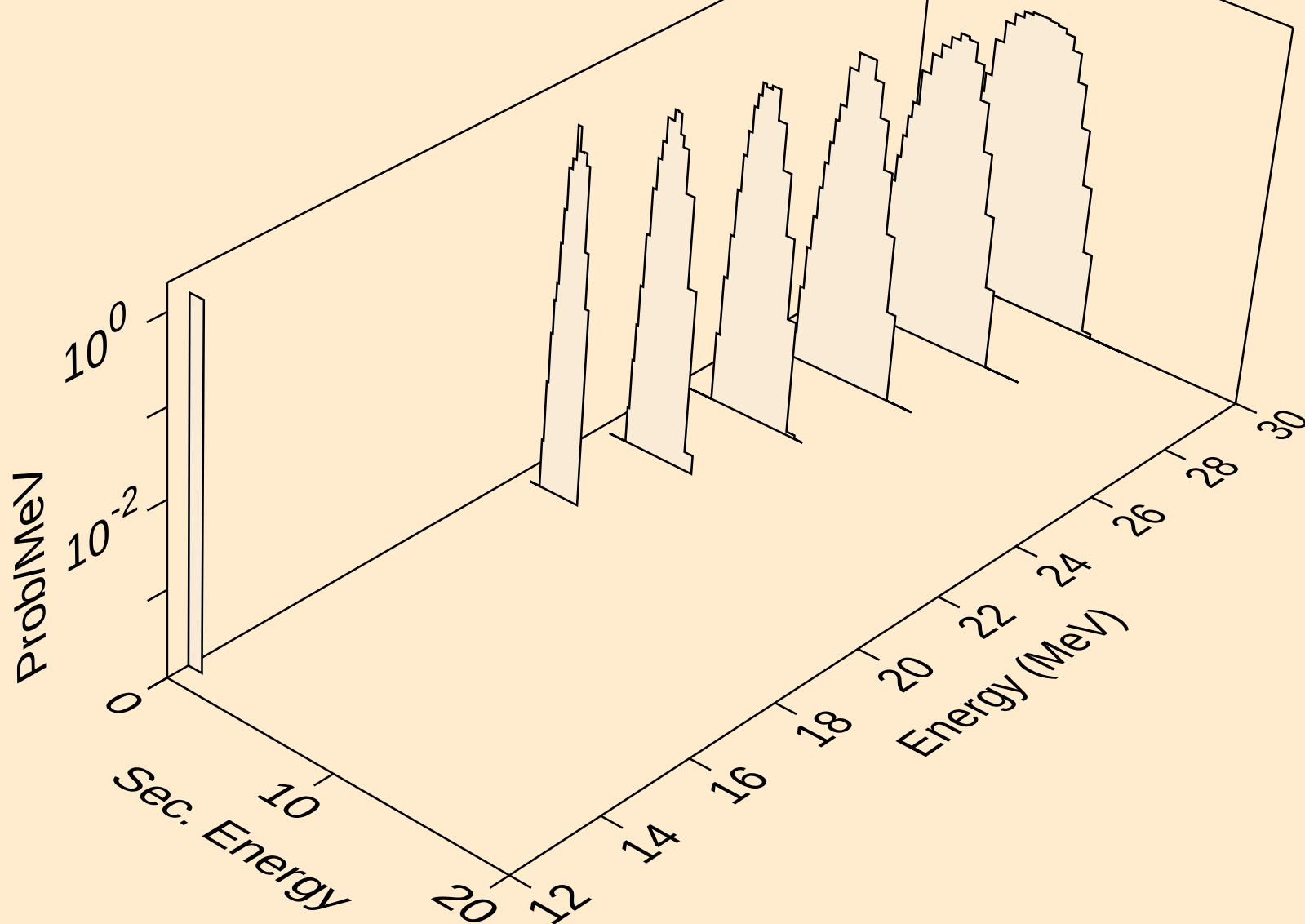
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



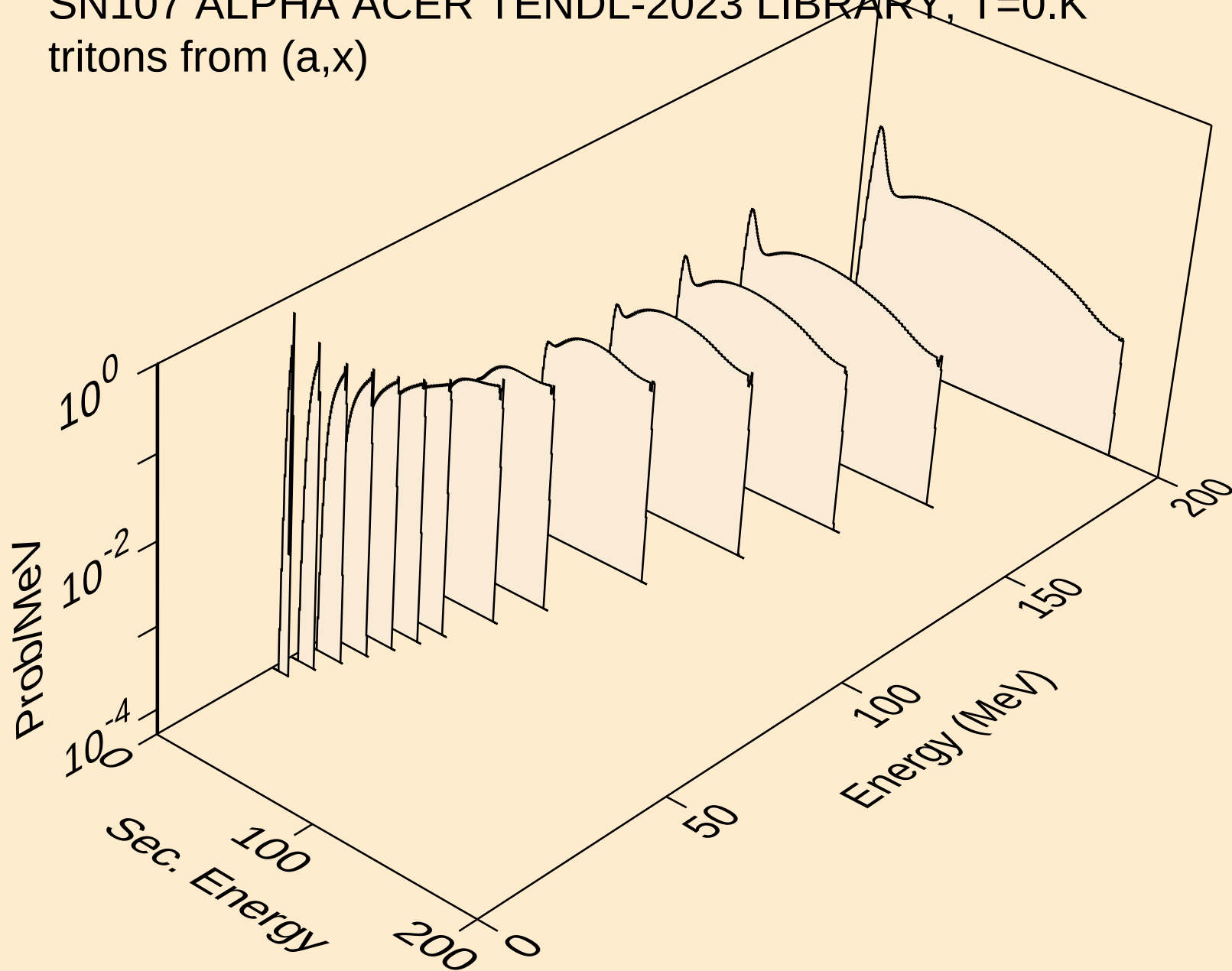
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



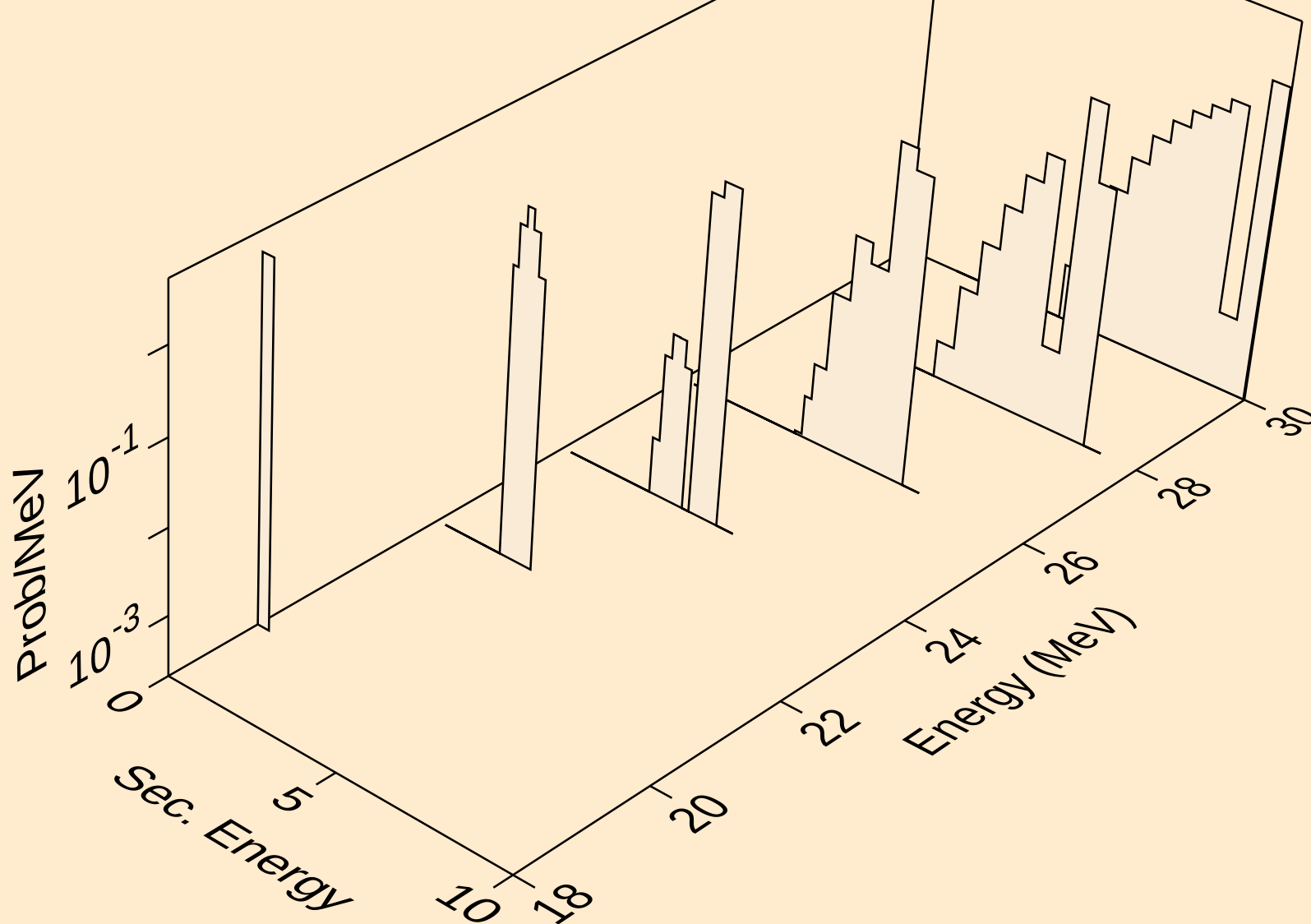
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



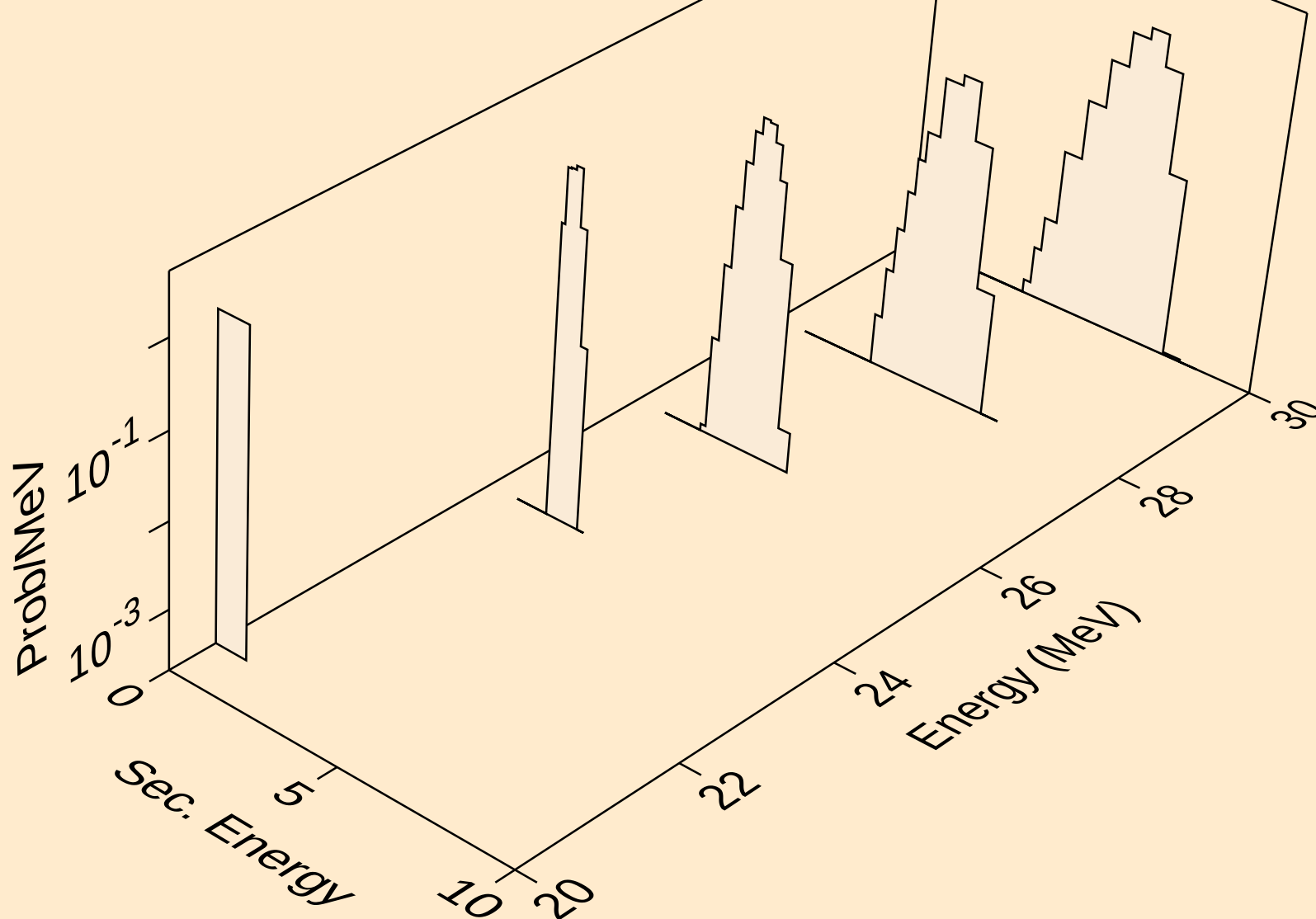
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



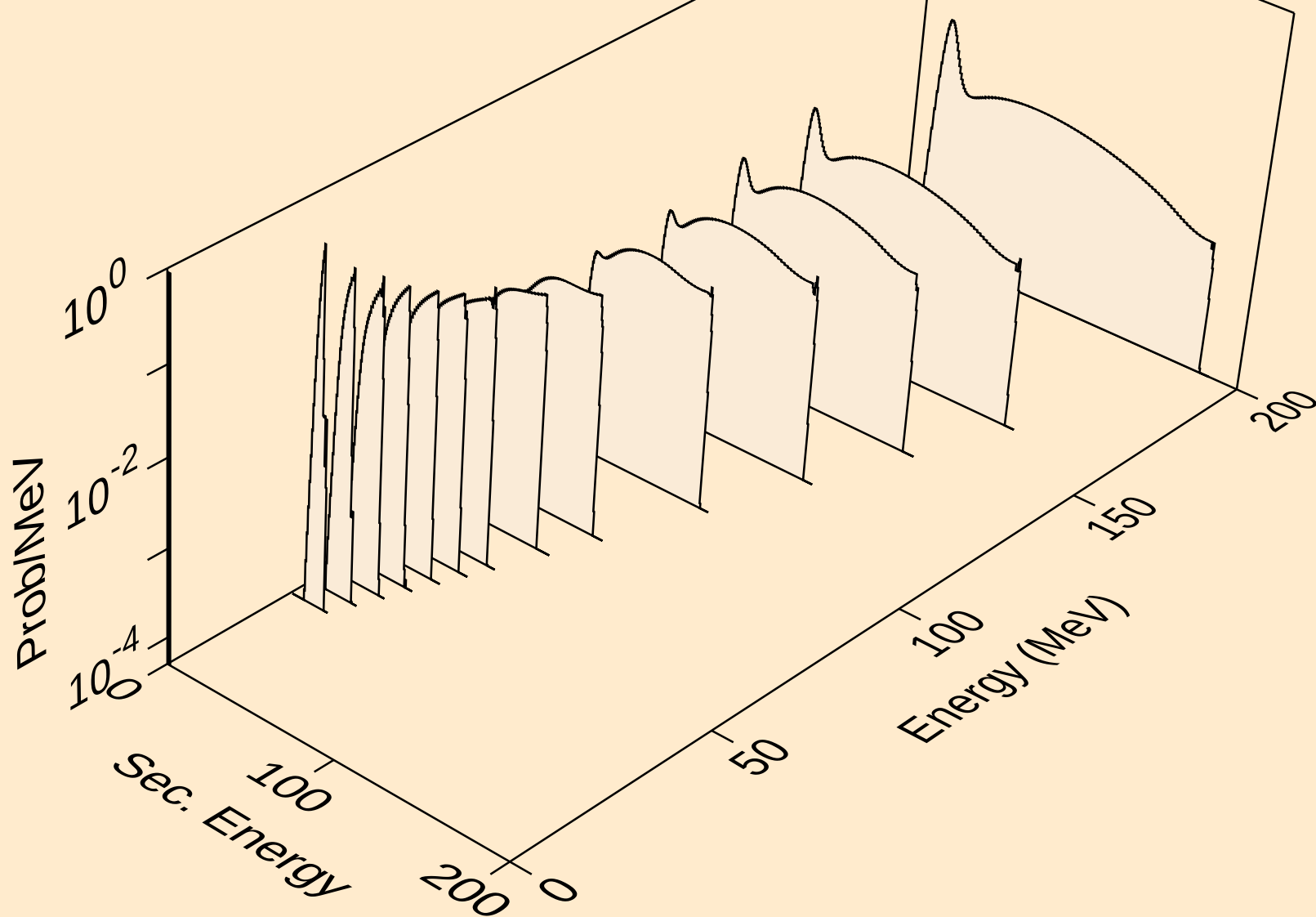
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



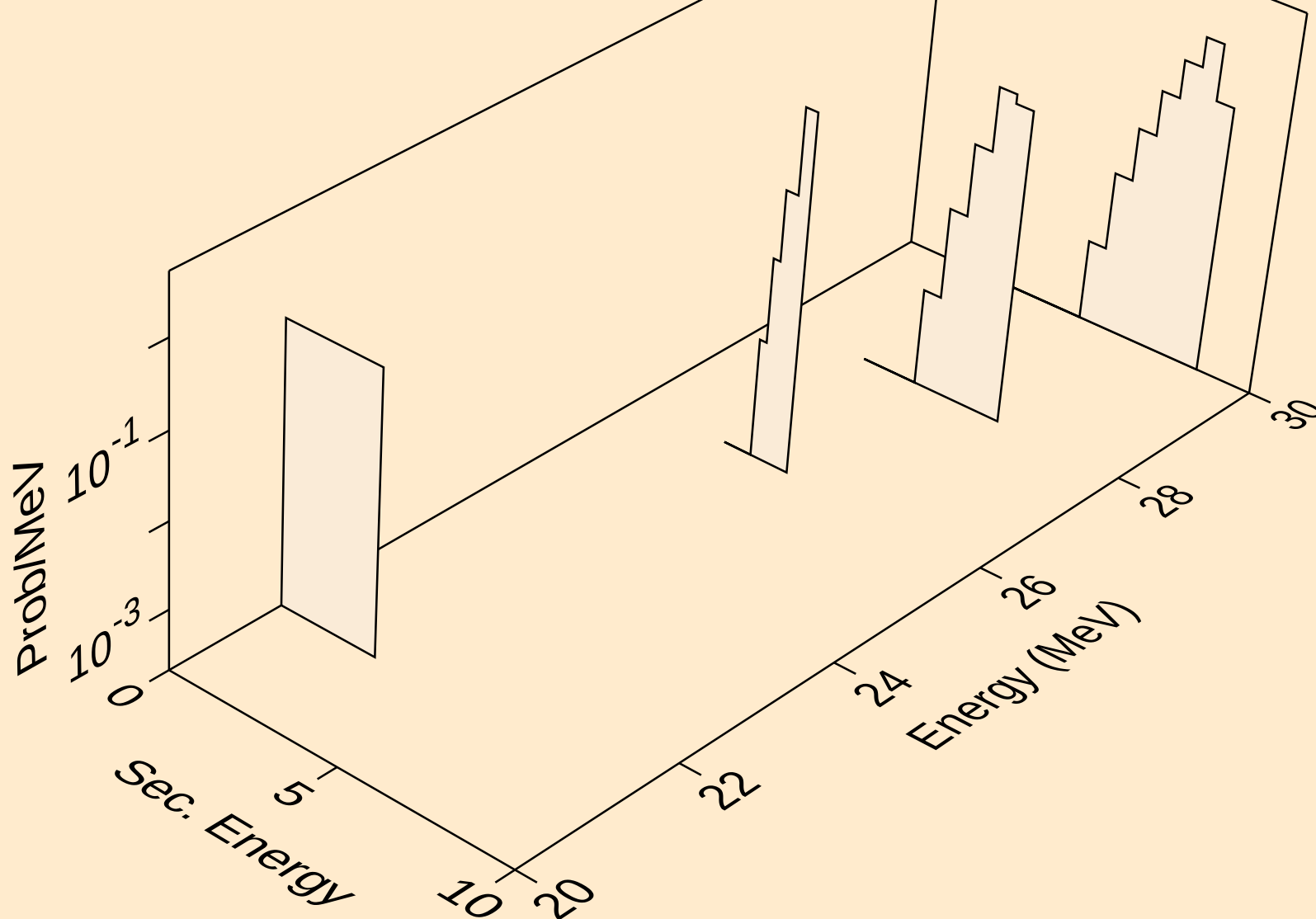
SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



SN107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

