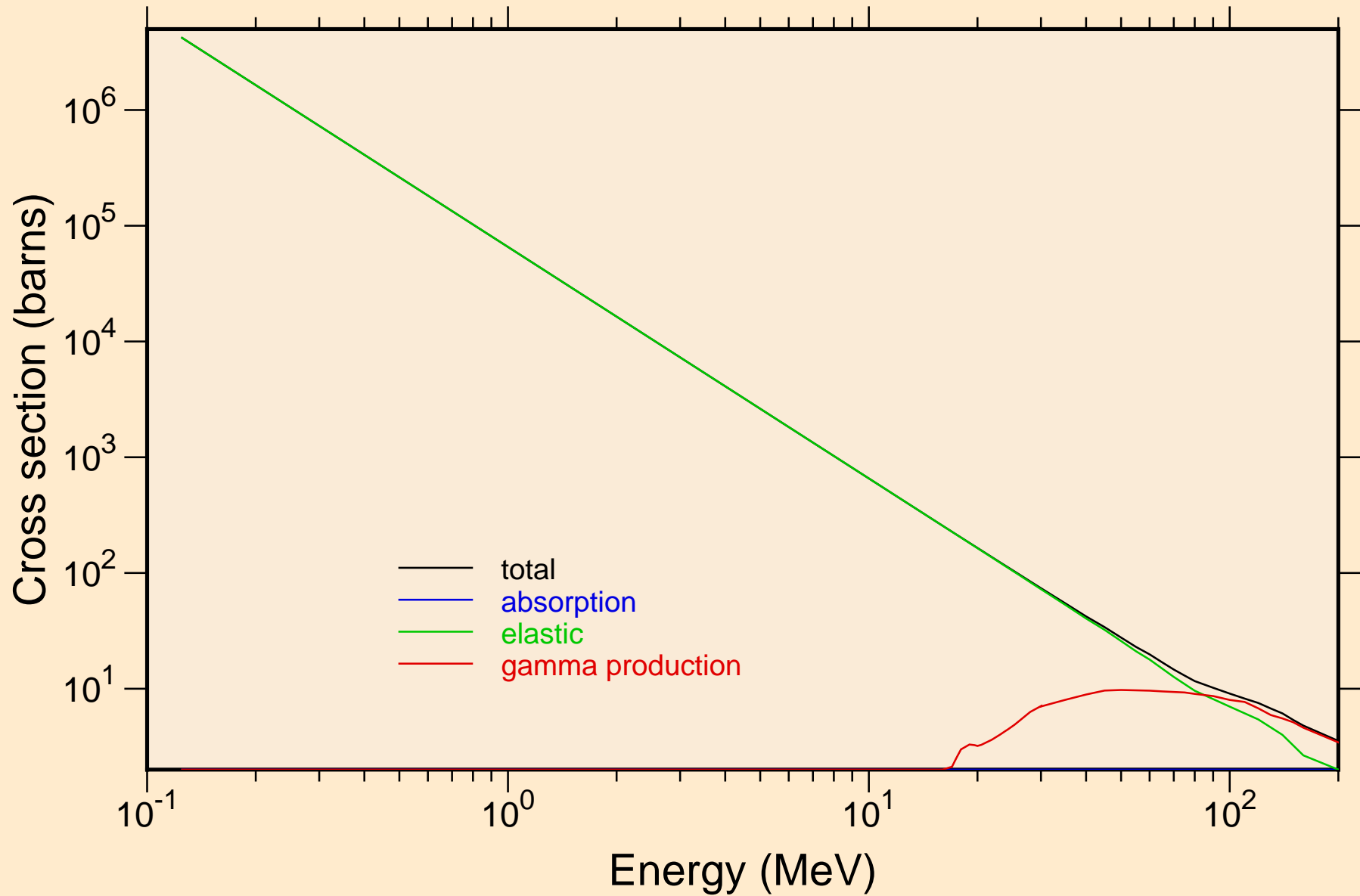


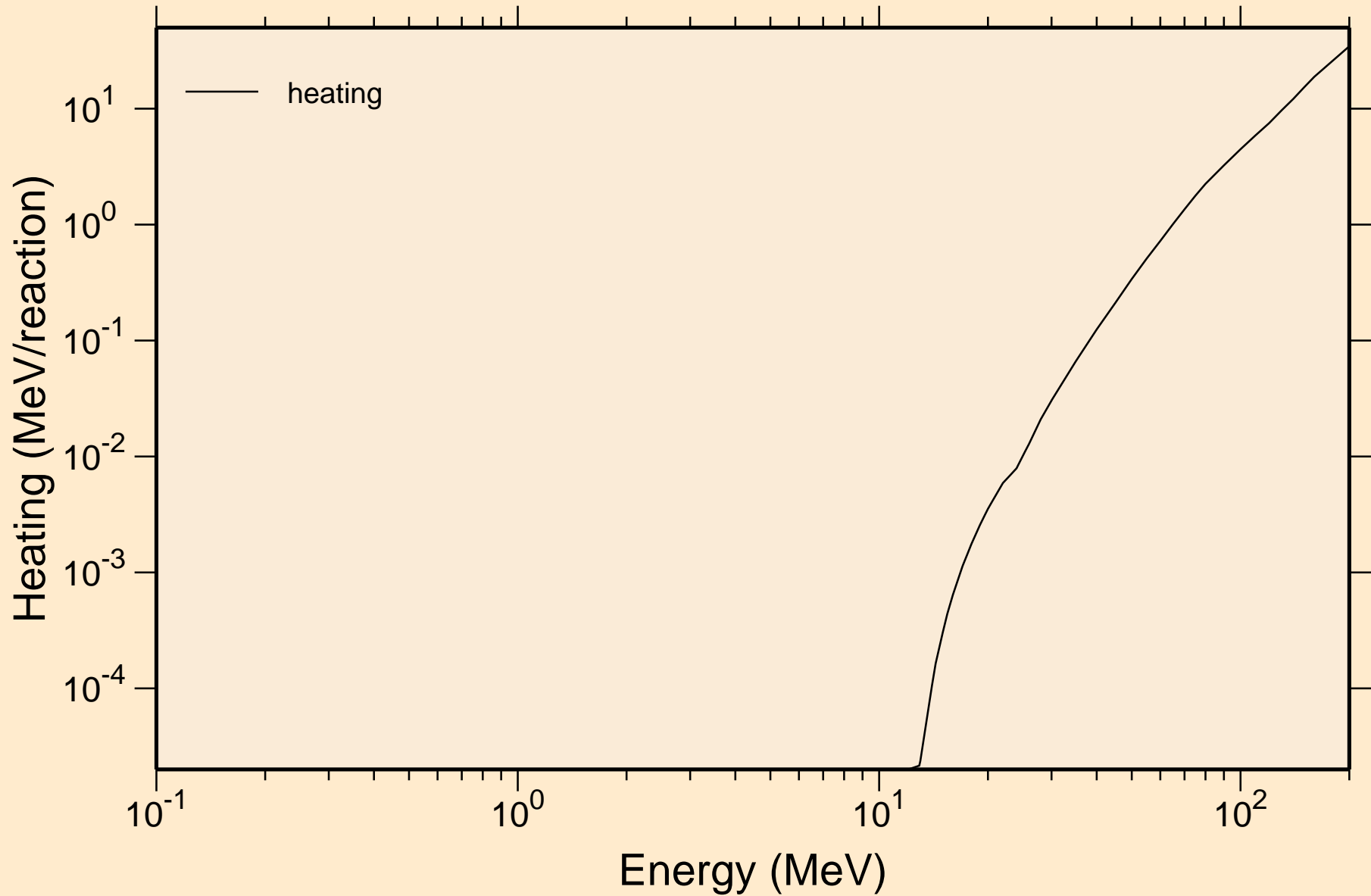
# SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

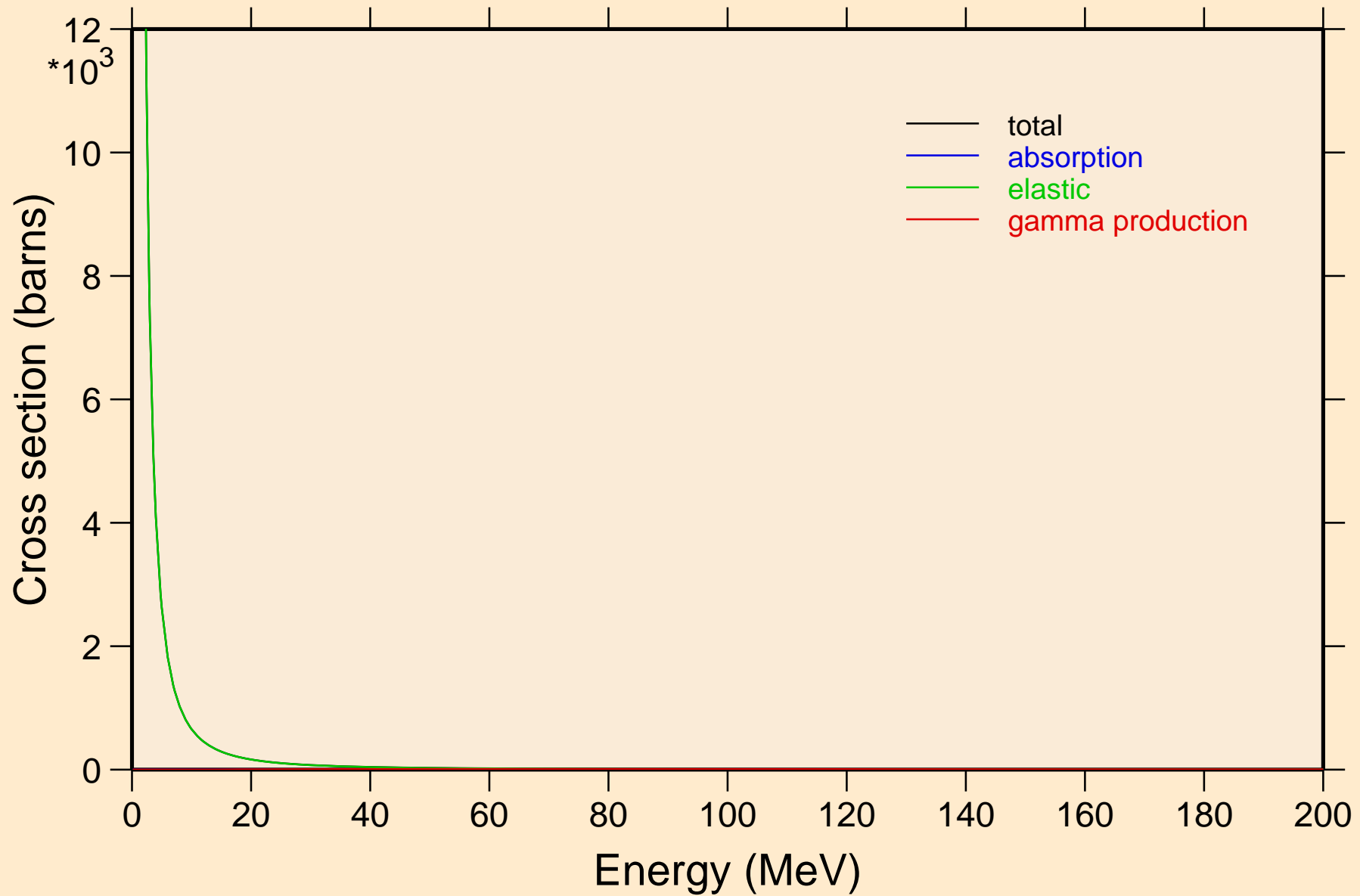


# SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Heating

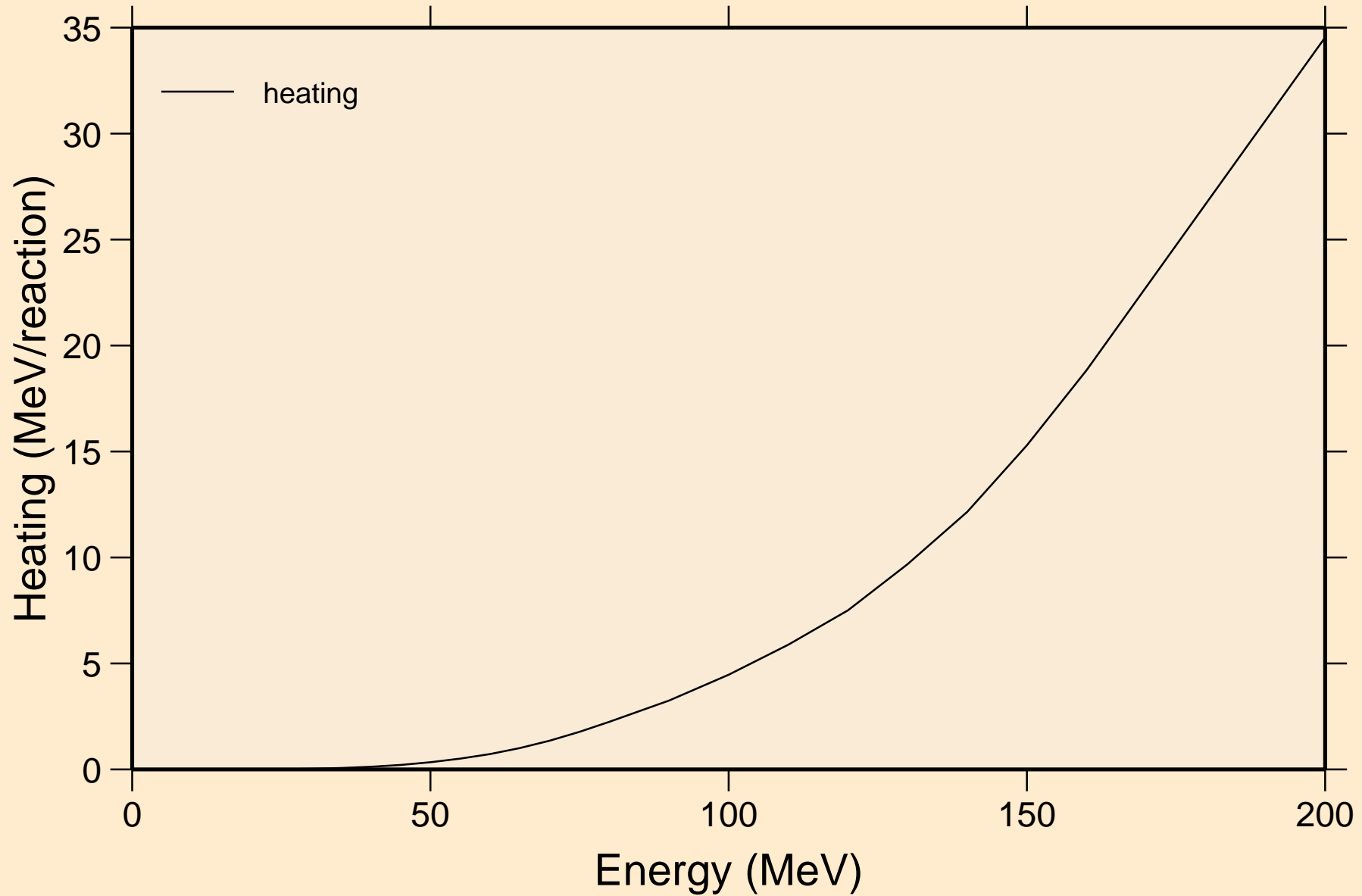


SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



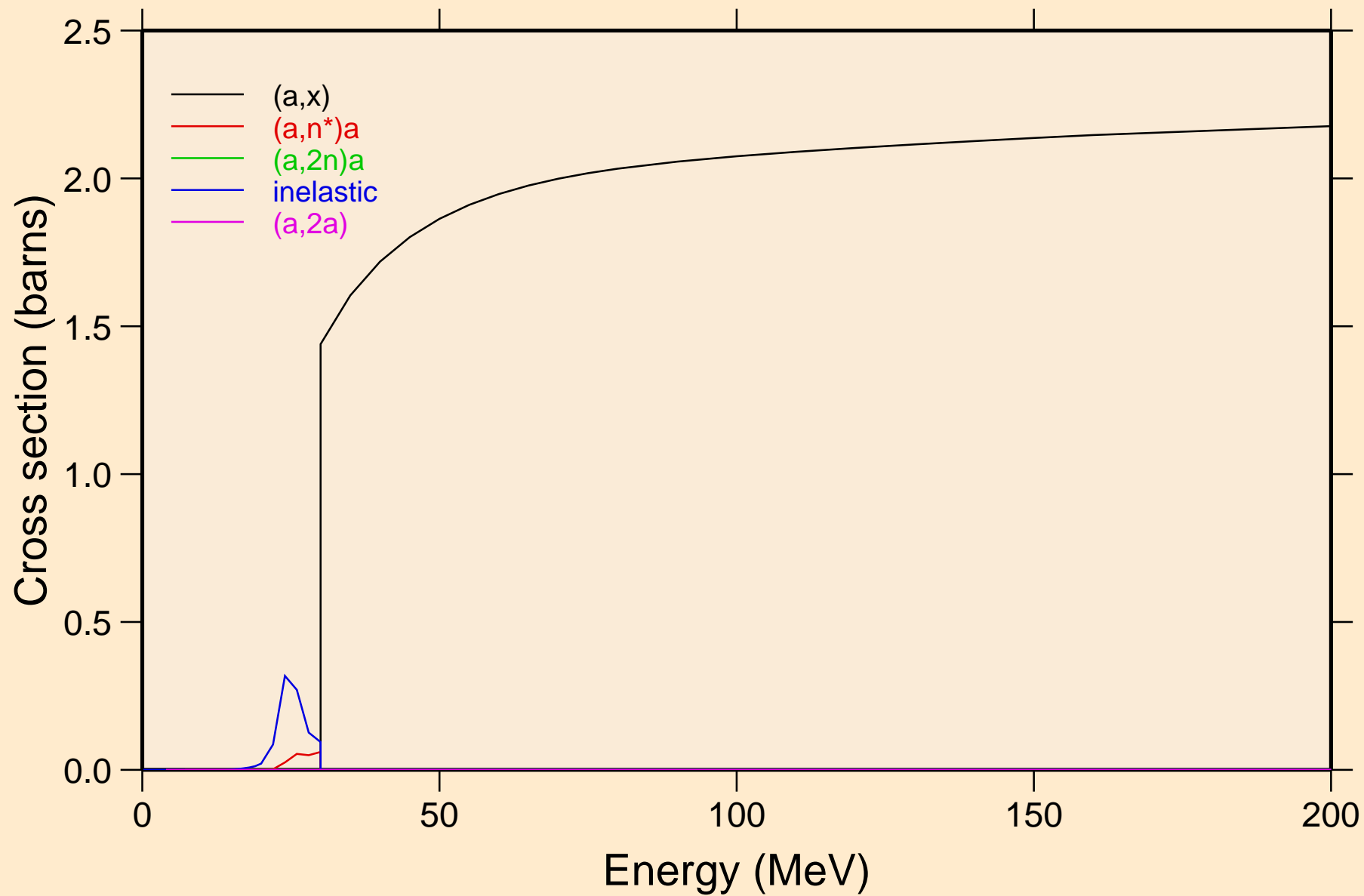
# SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Heating

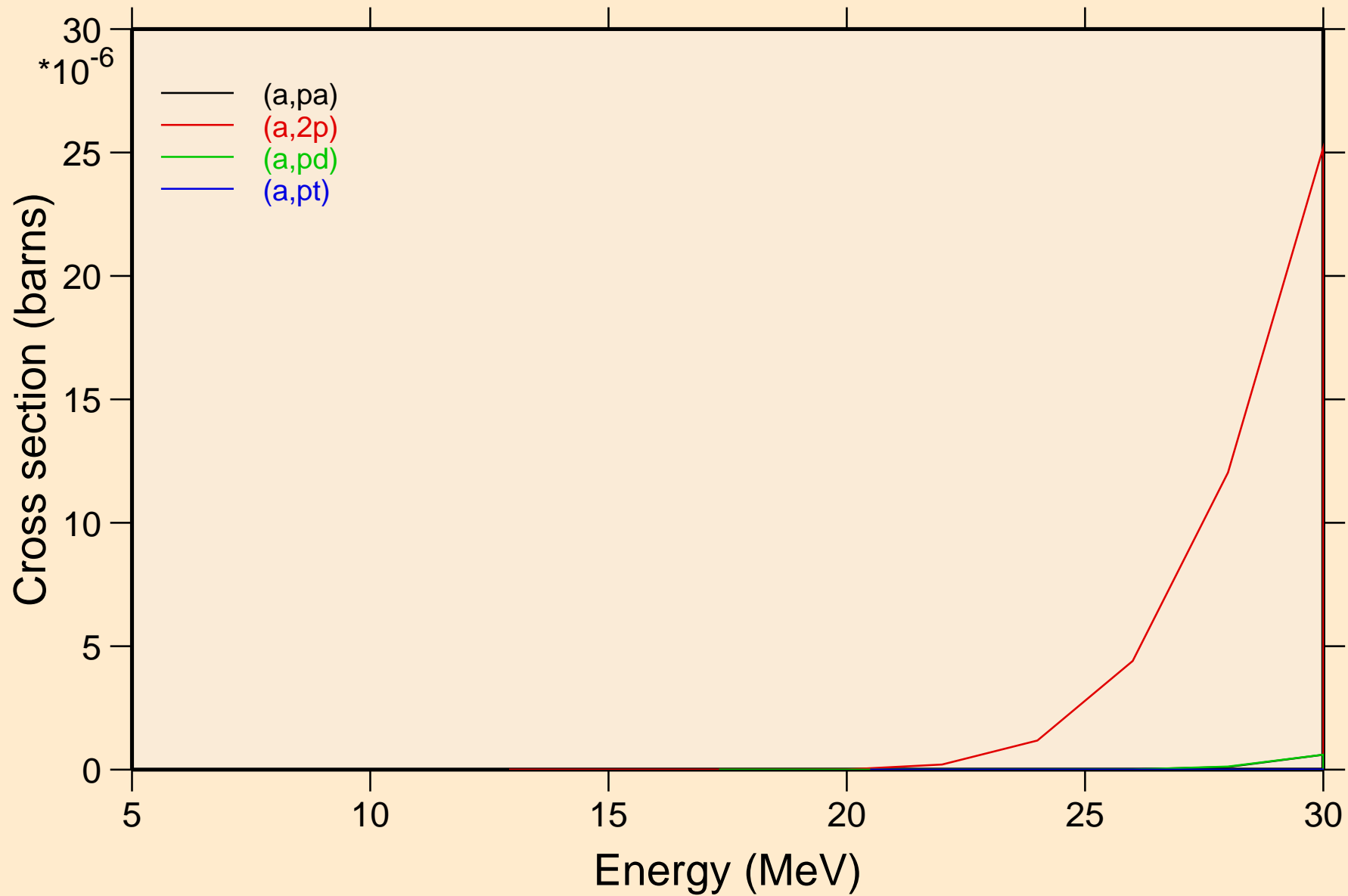


# SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

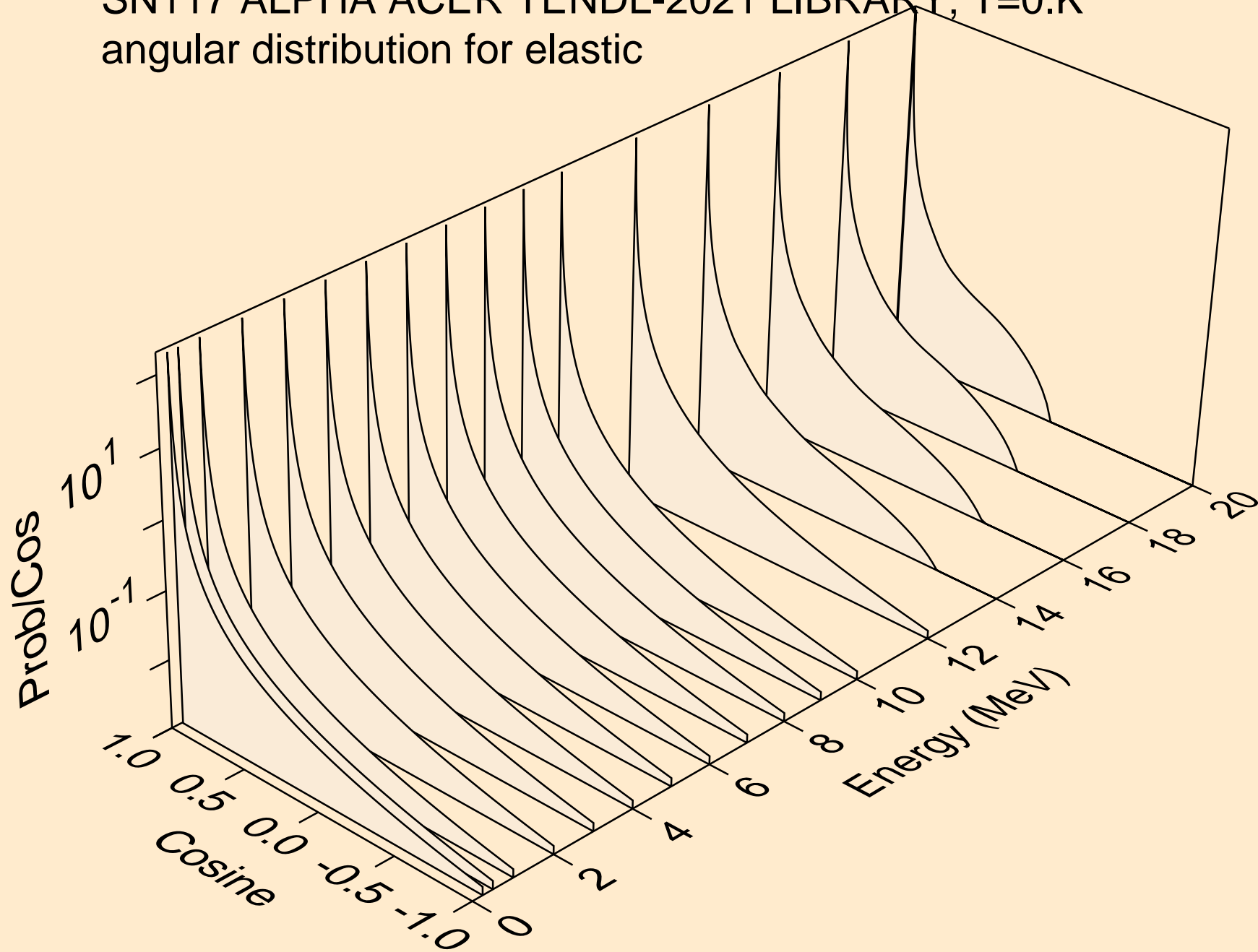
## Threshold reactions



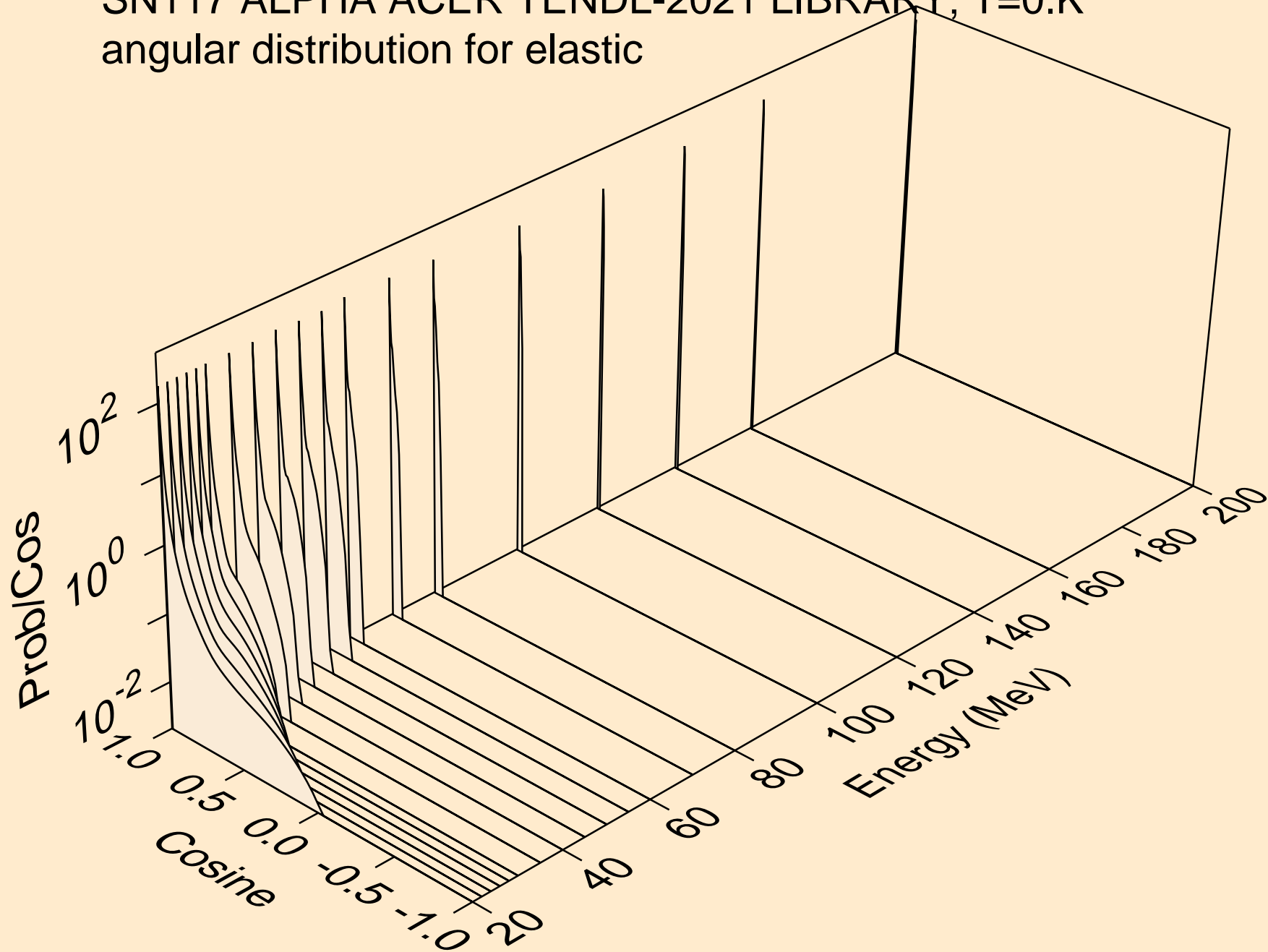
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

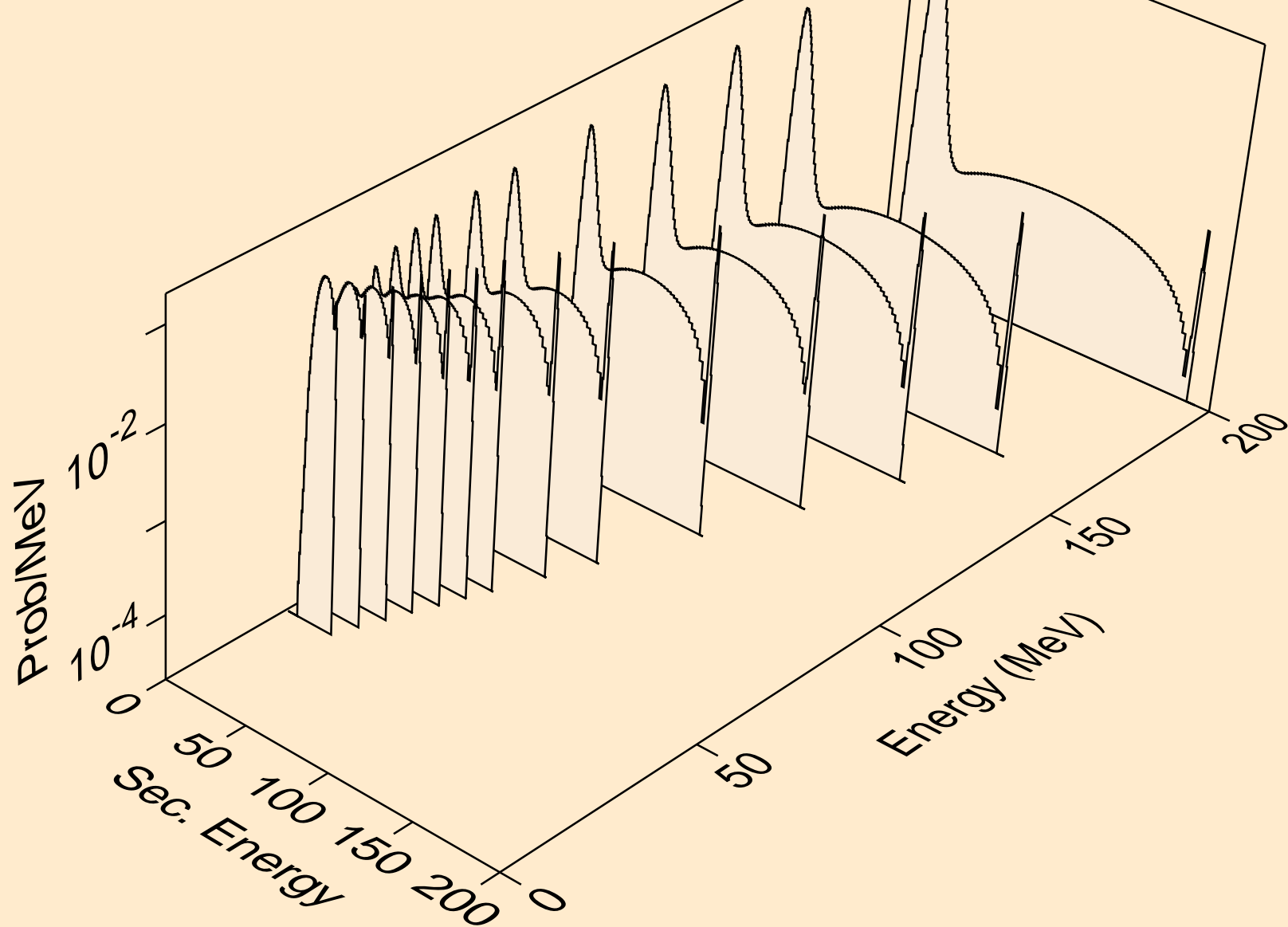


SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

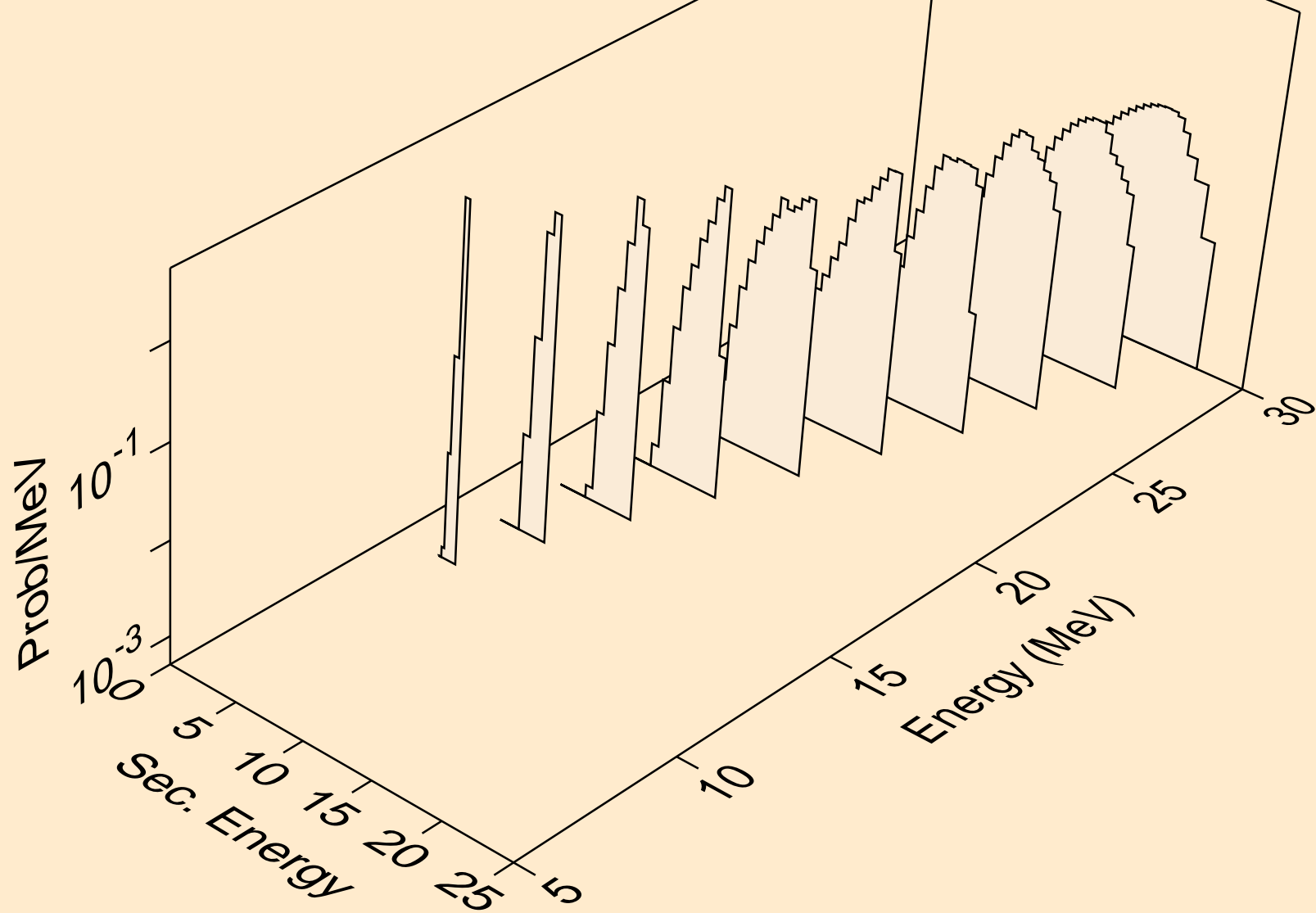




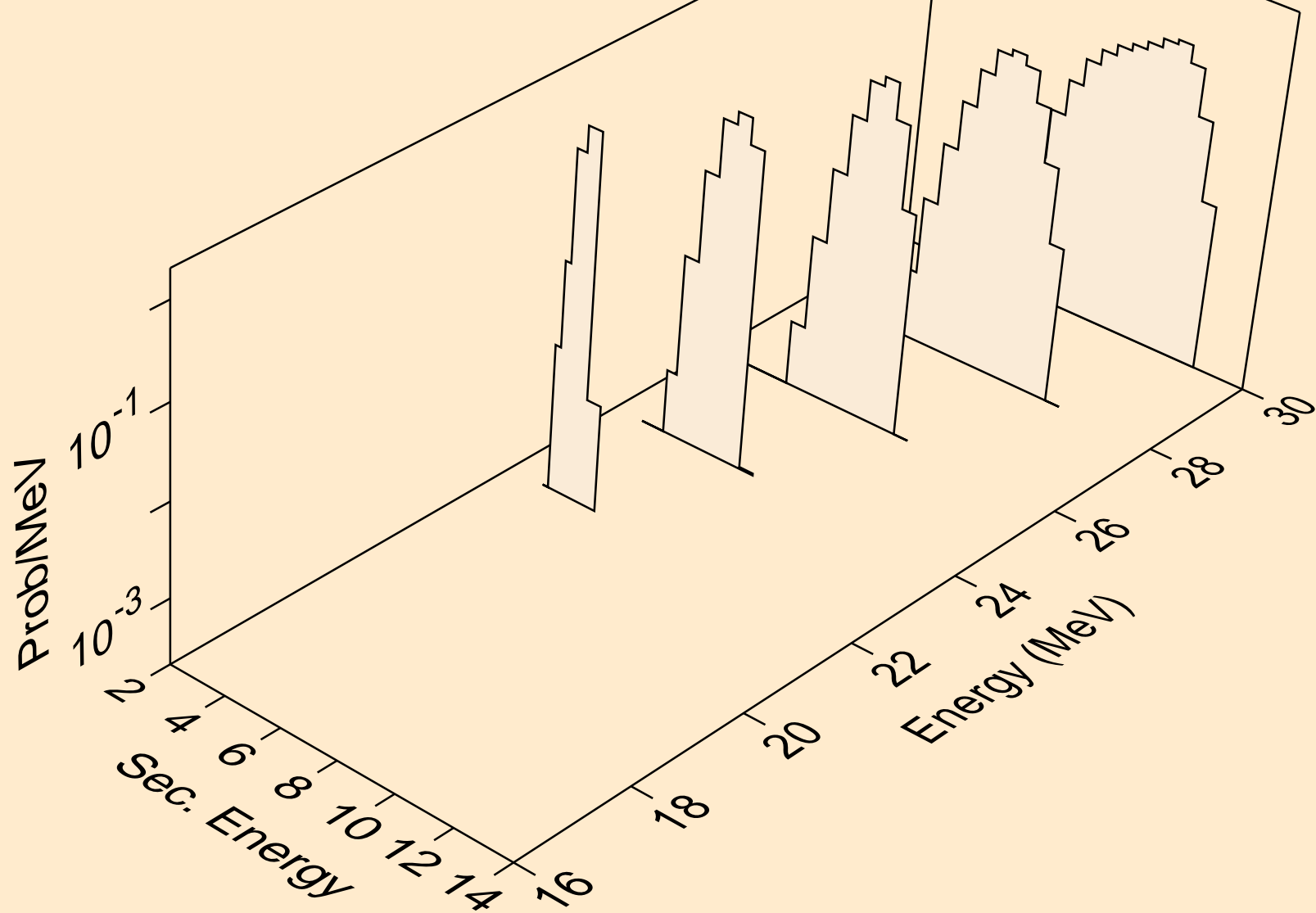
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



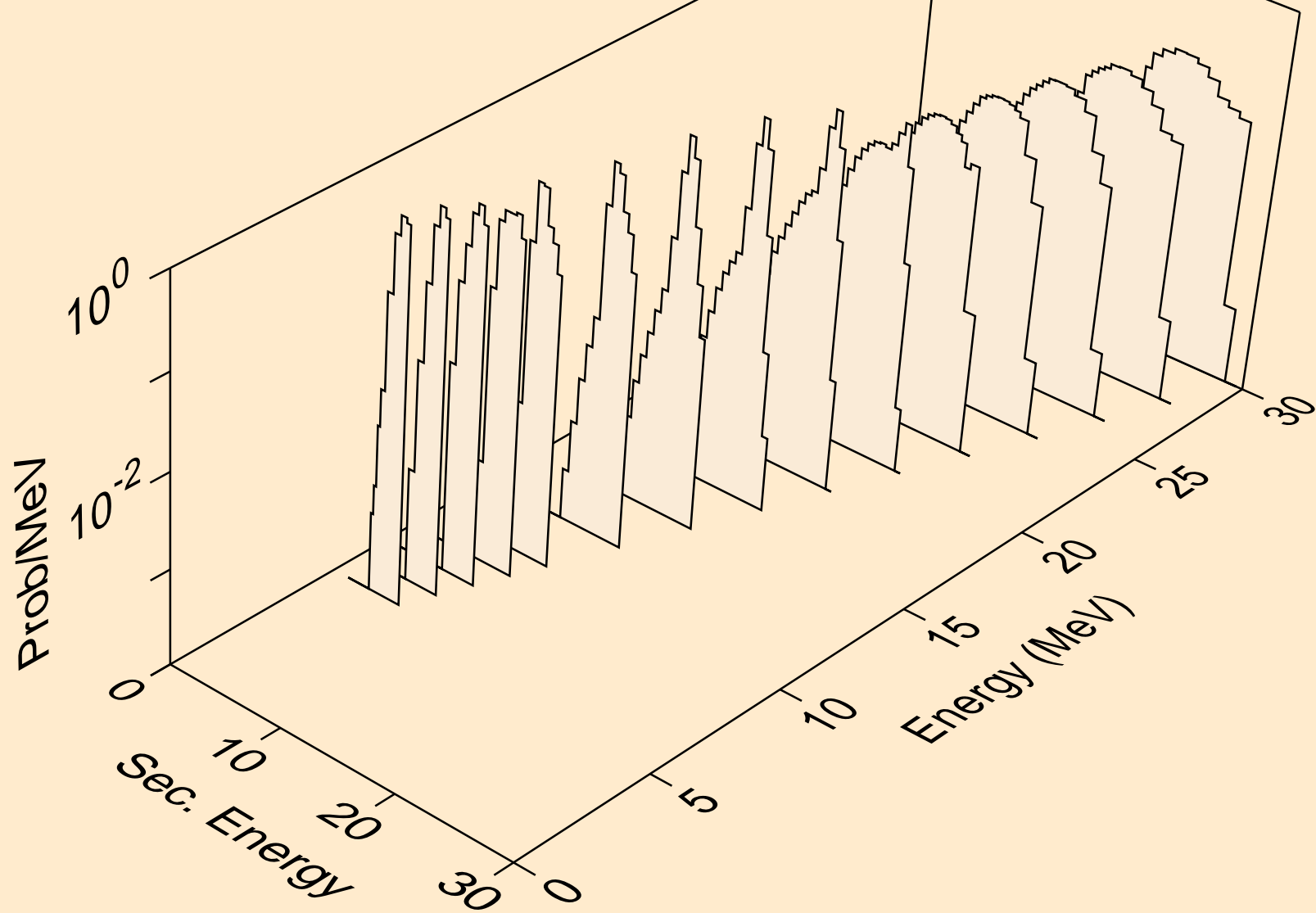
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



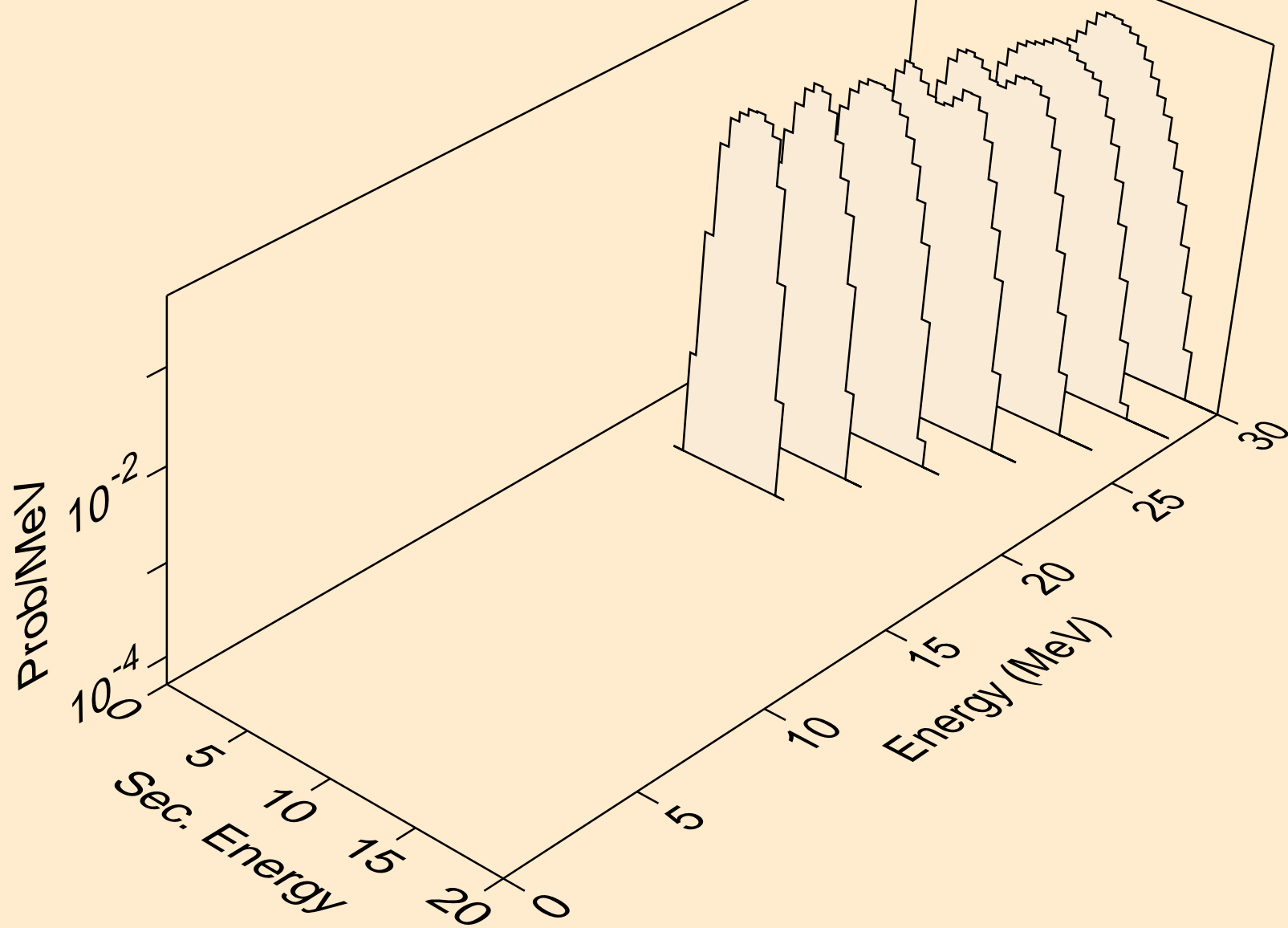
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



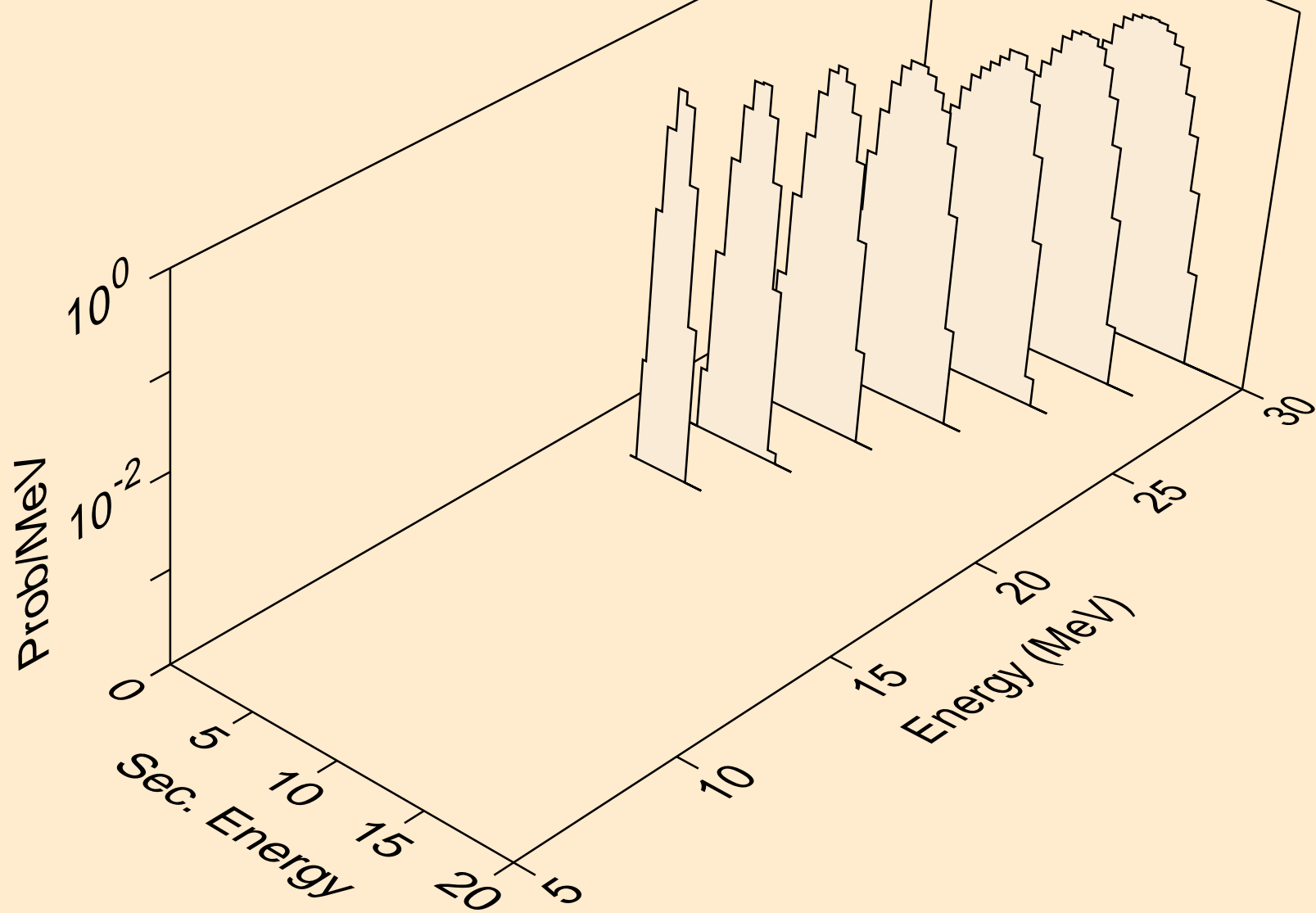
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



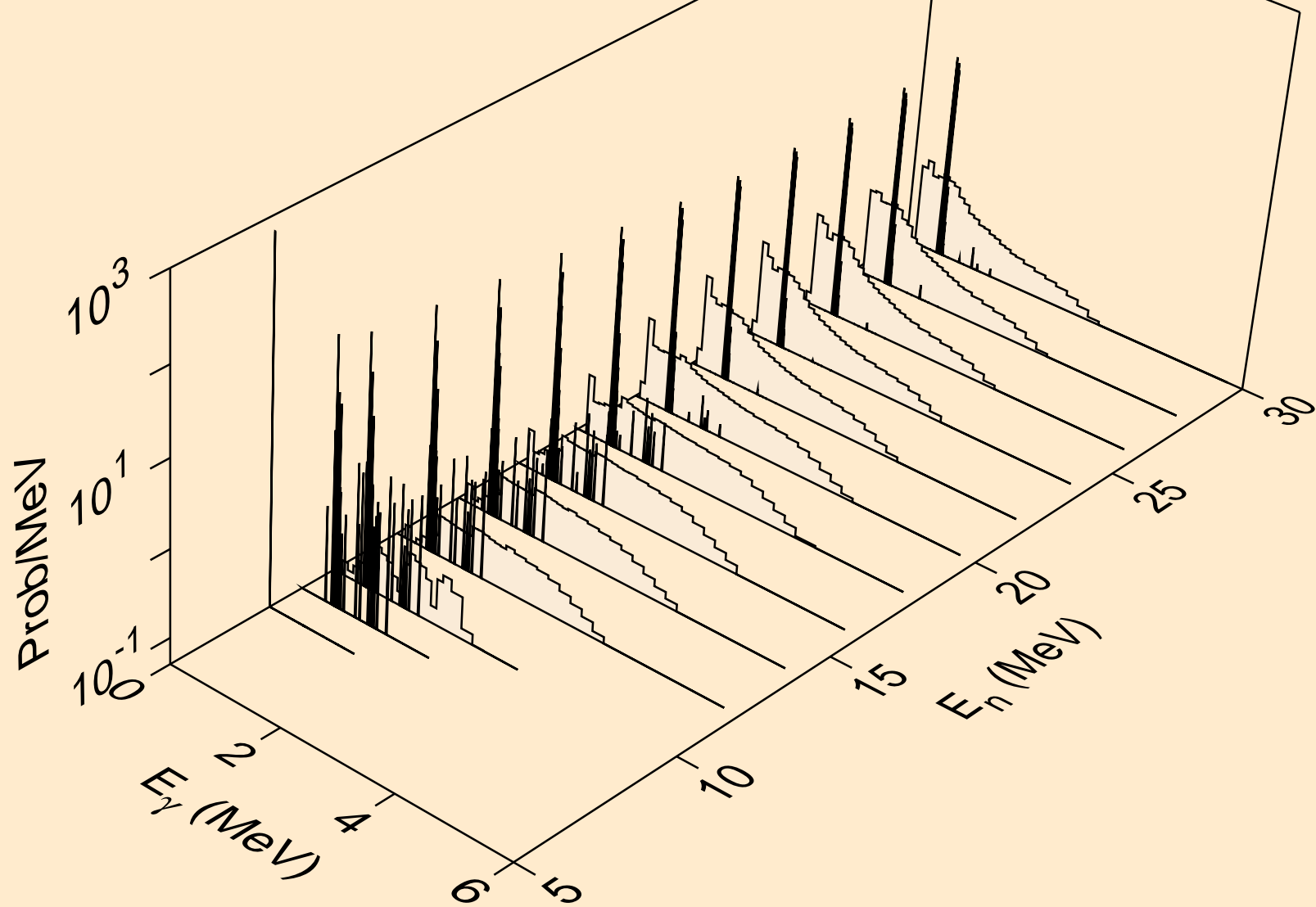
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



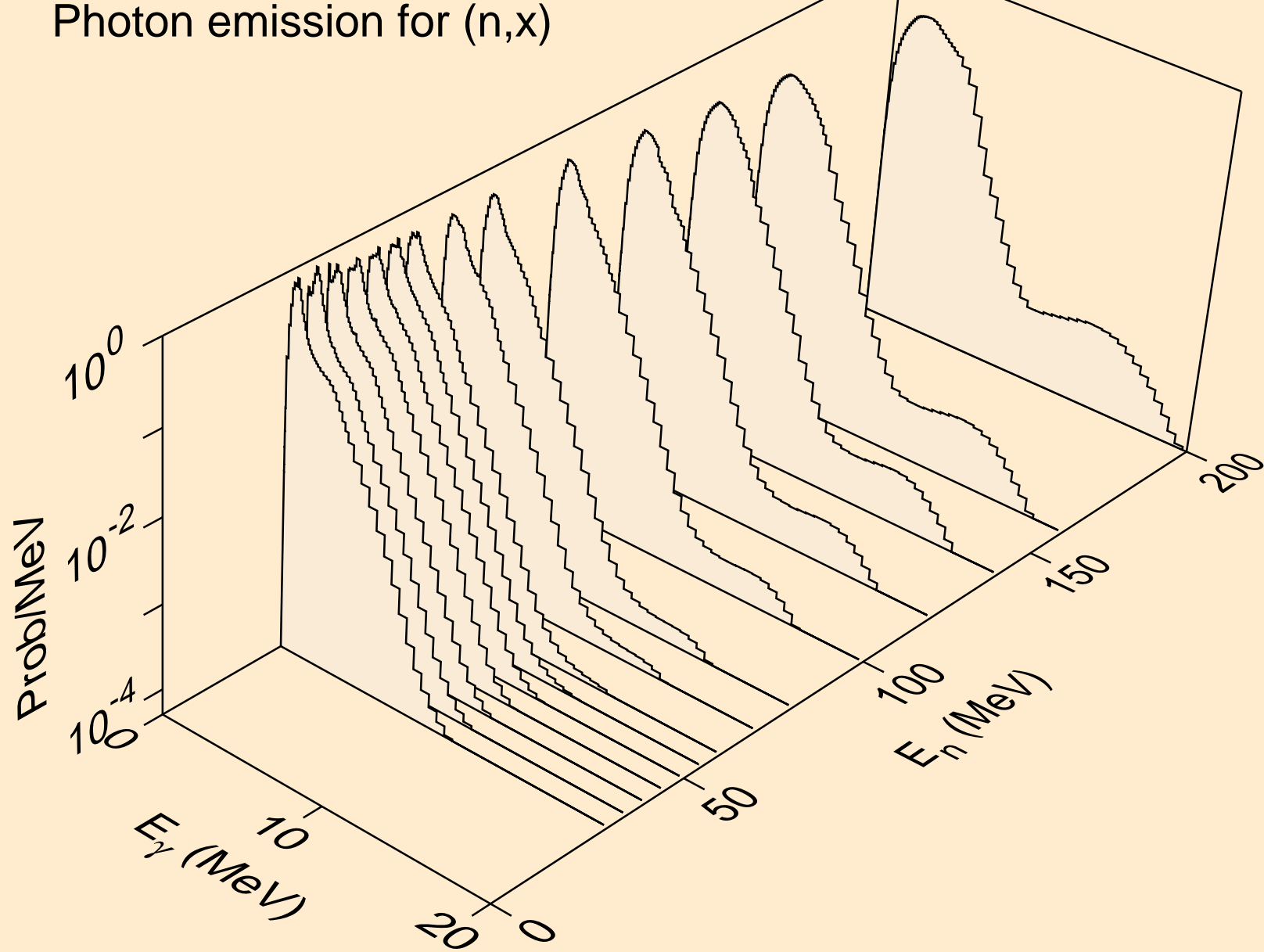
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)



SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

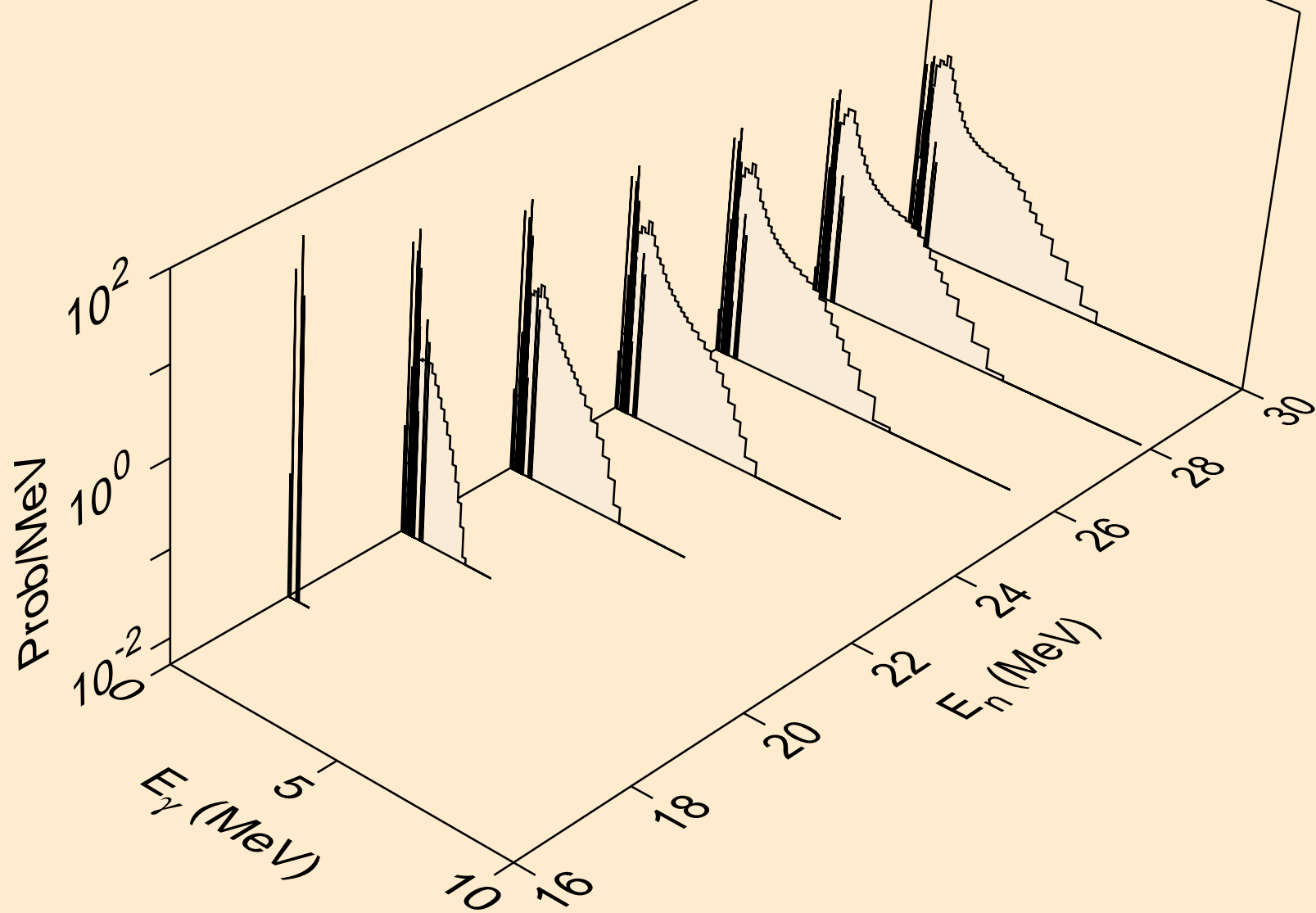


SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)

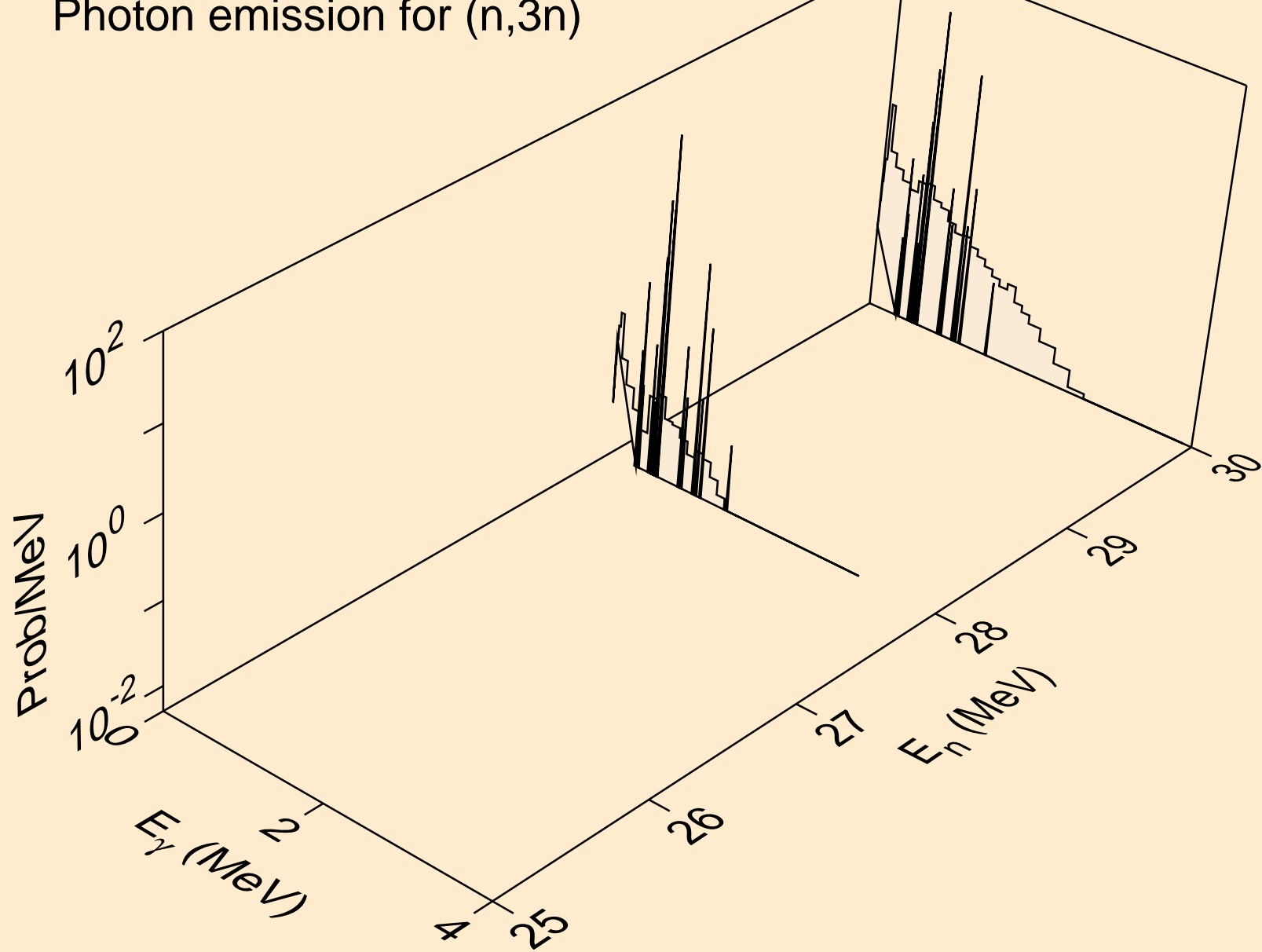




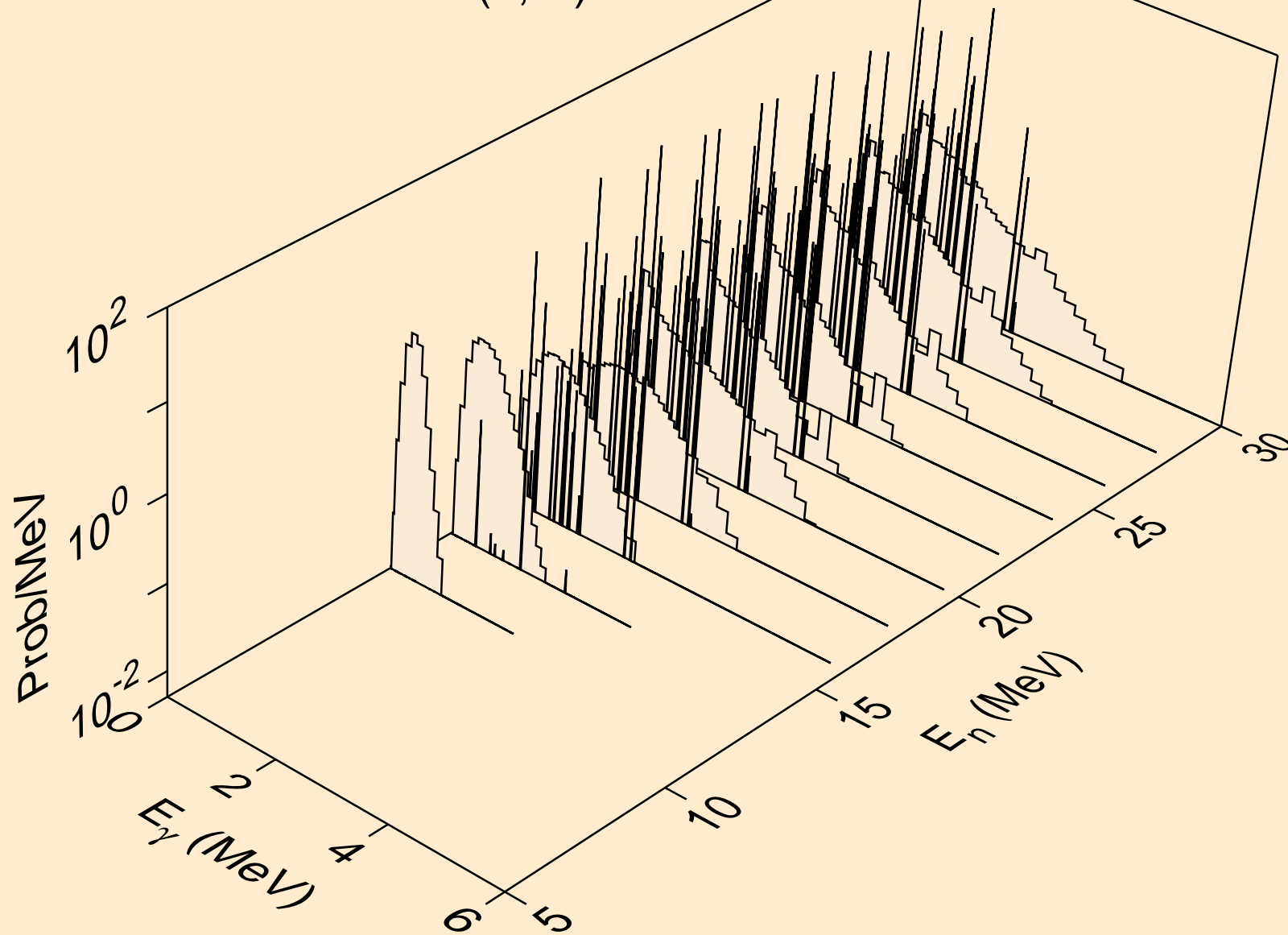
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



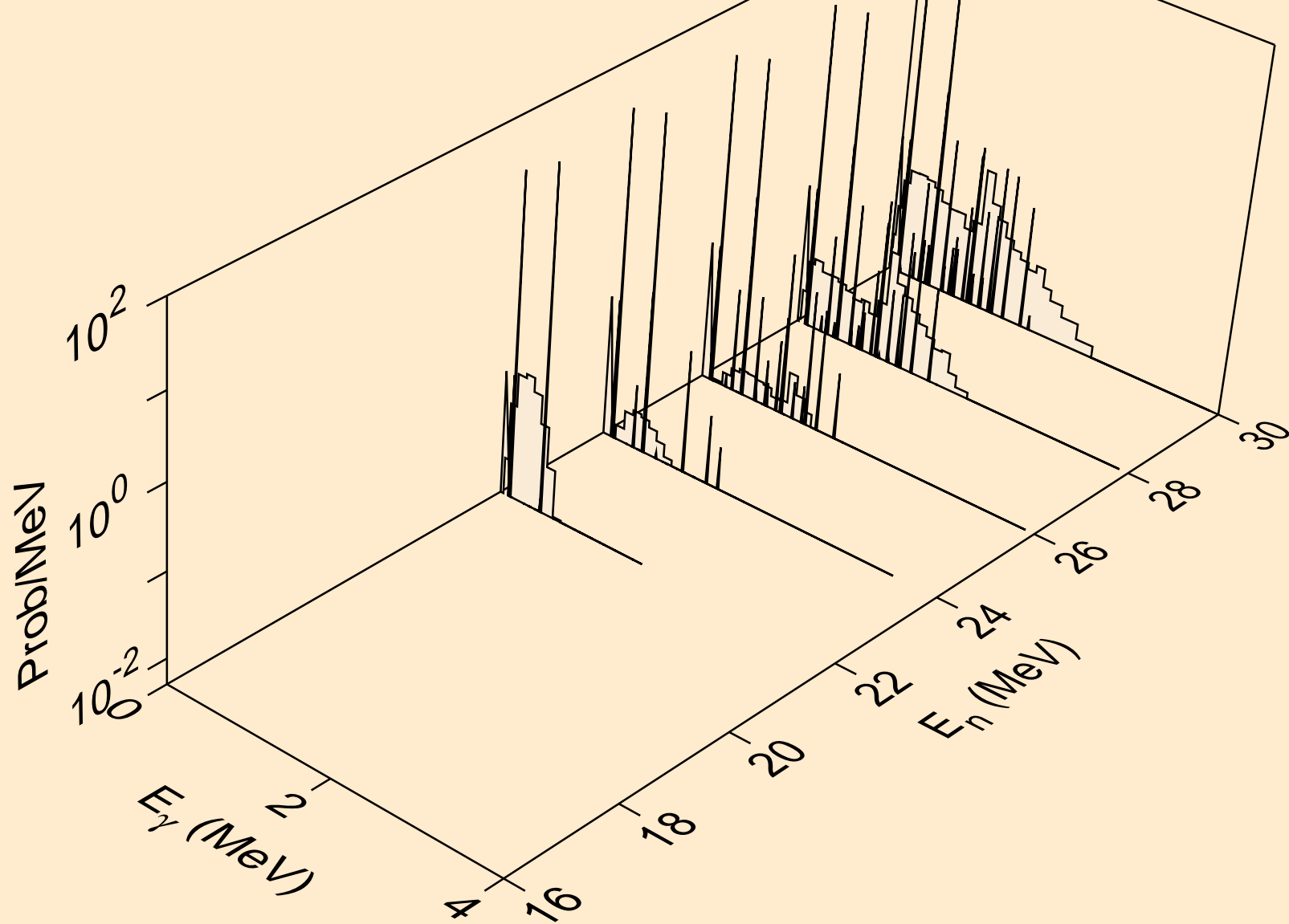
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



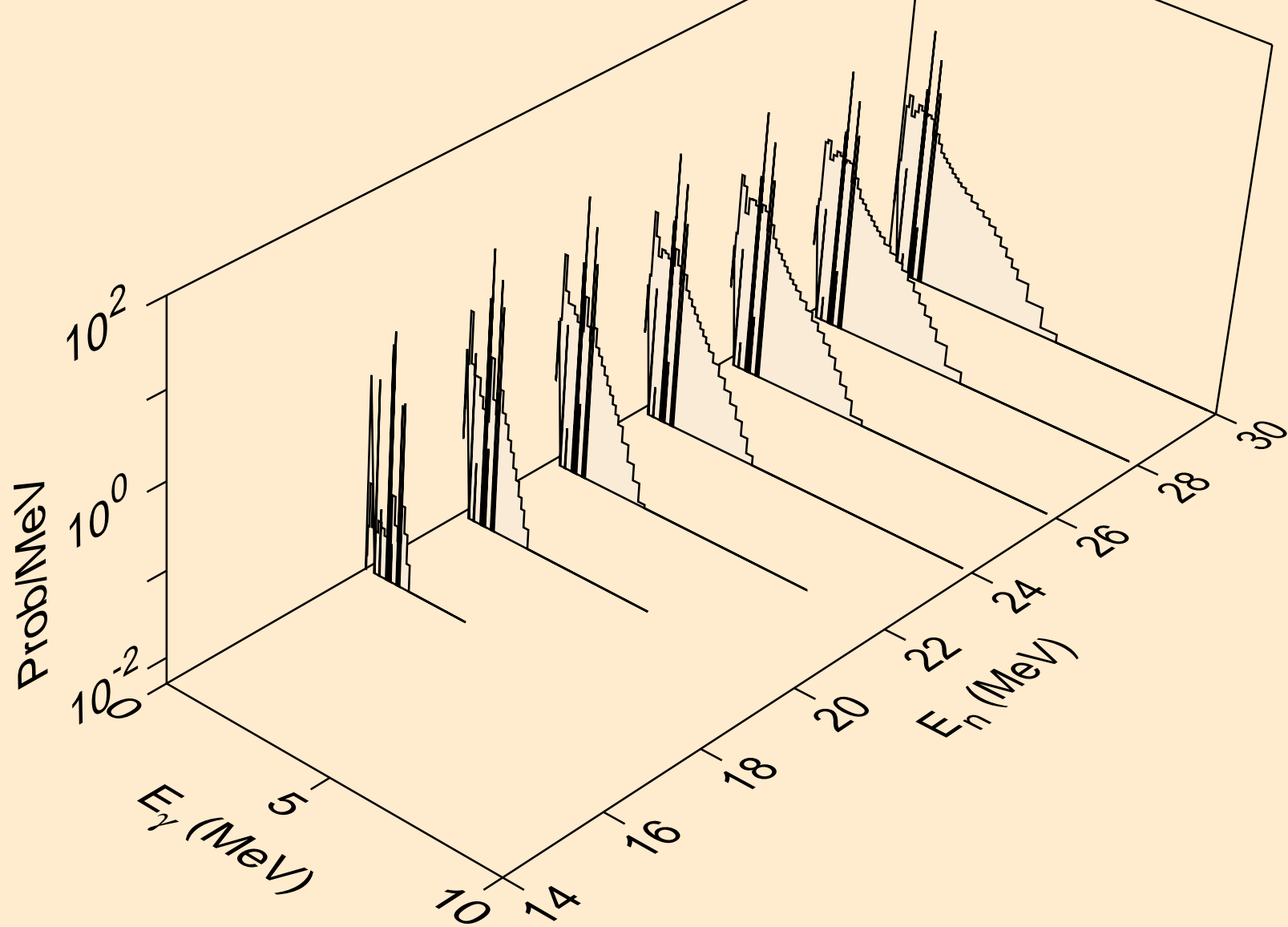
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



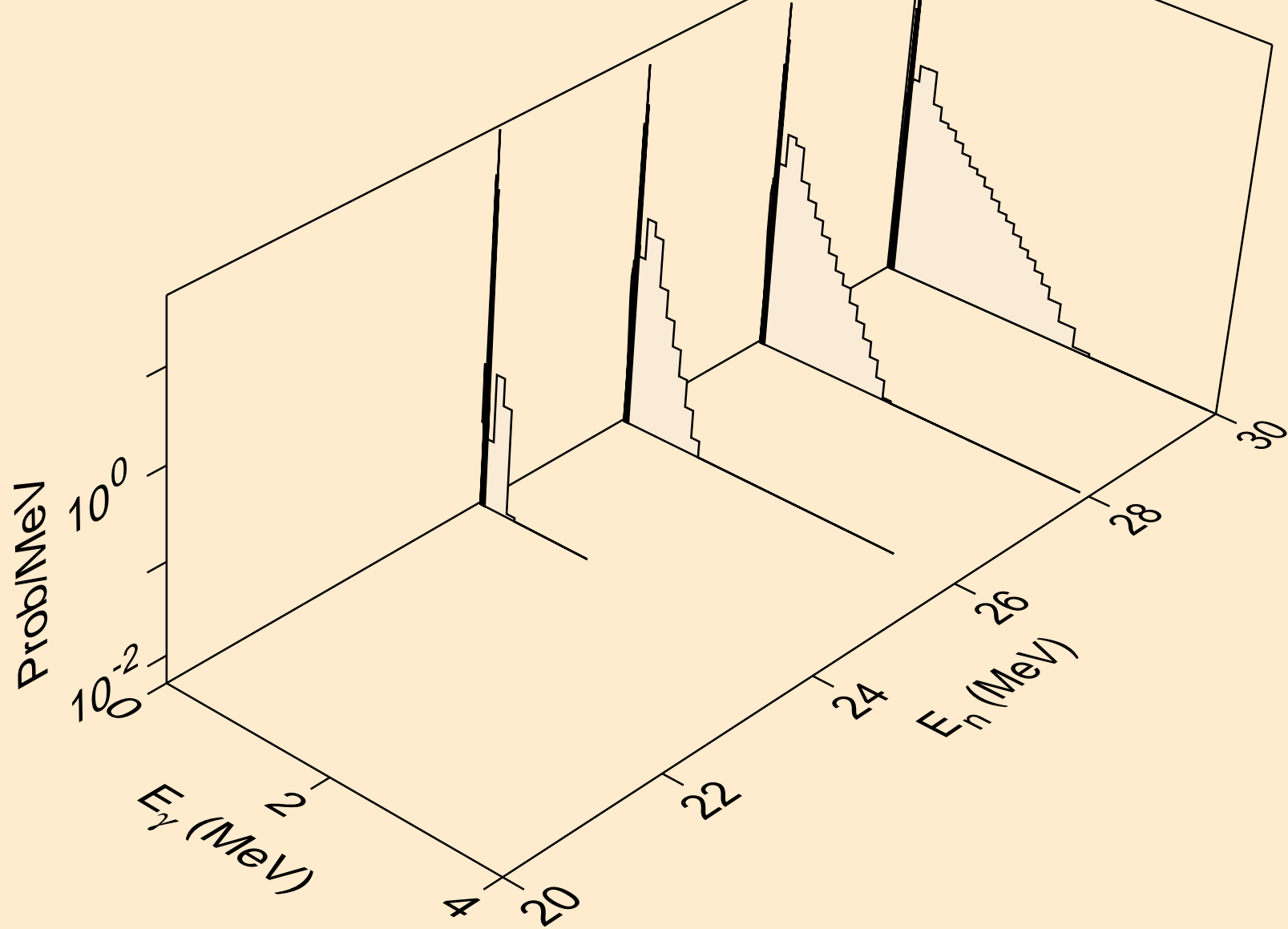
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



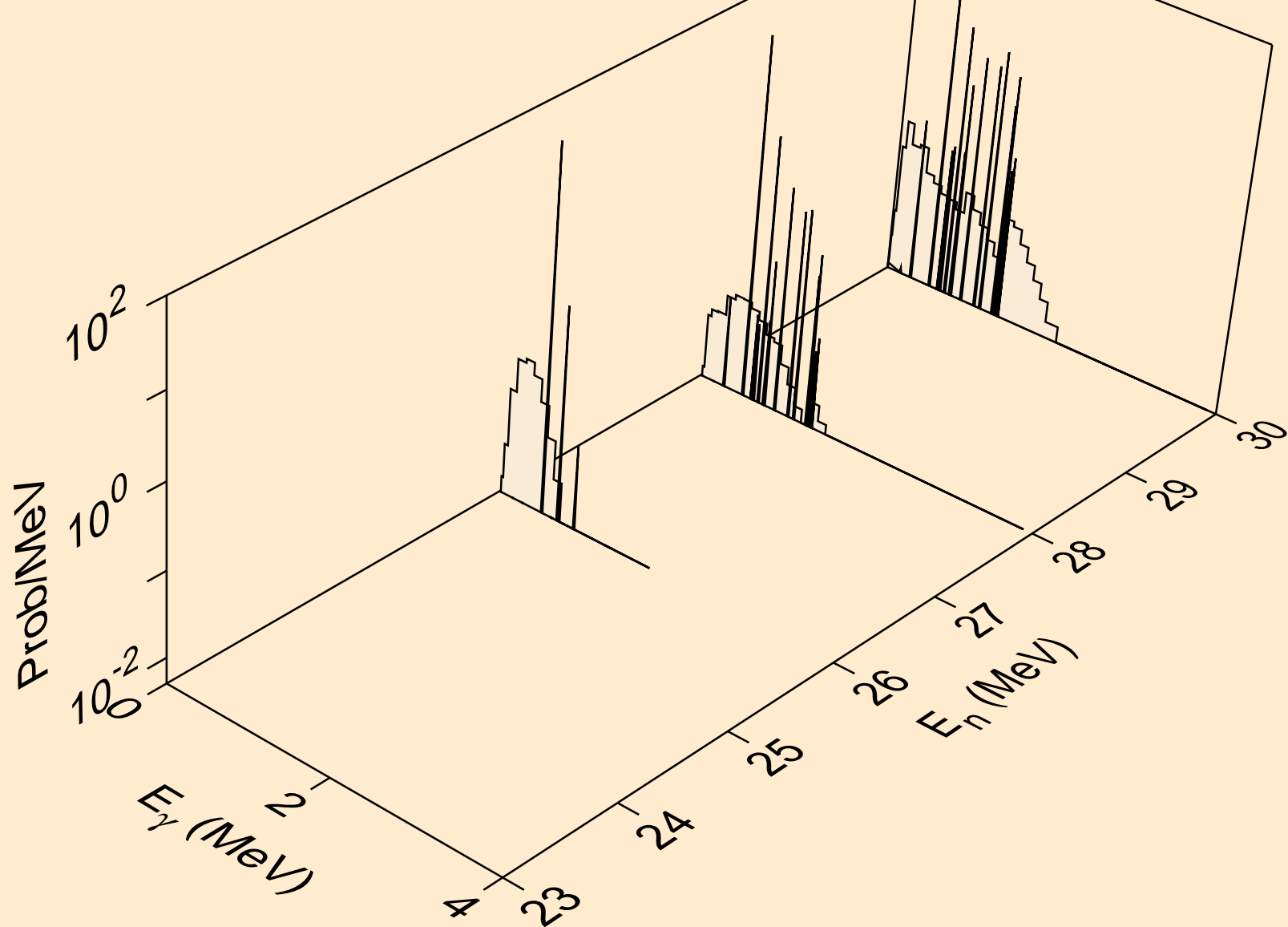
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



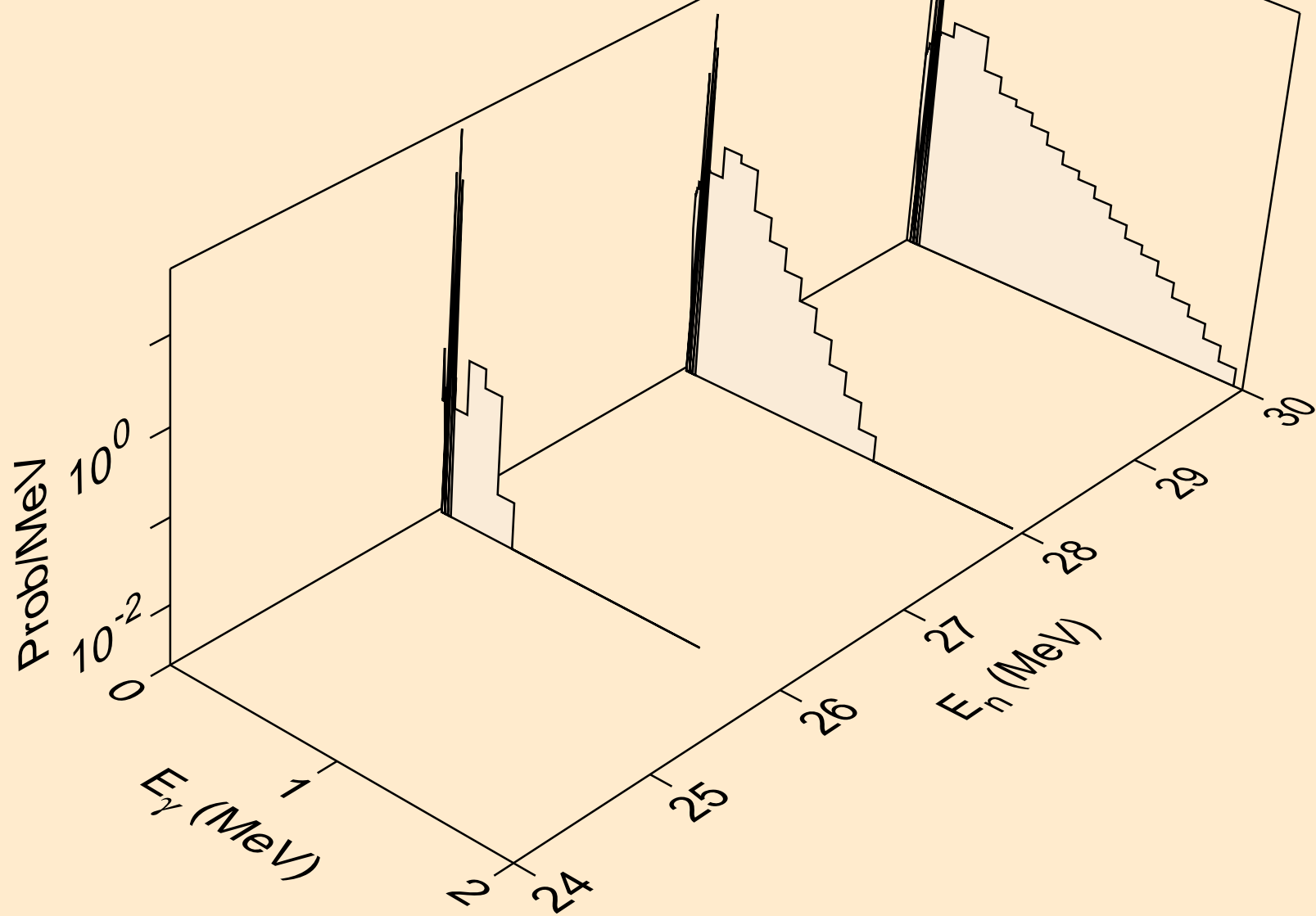
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

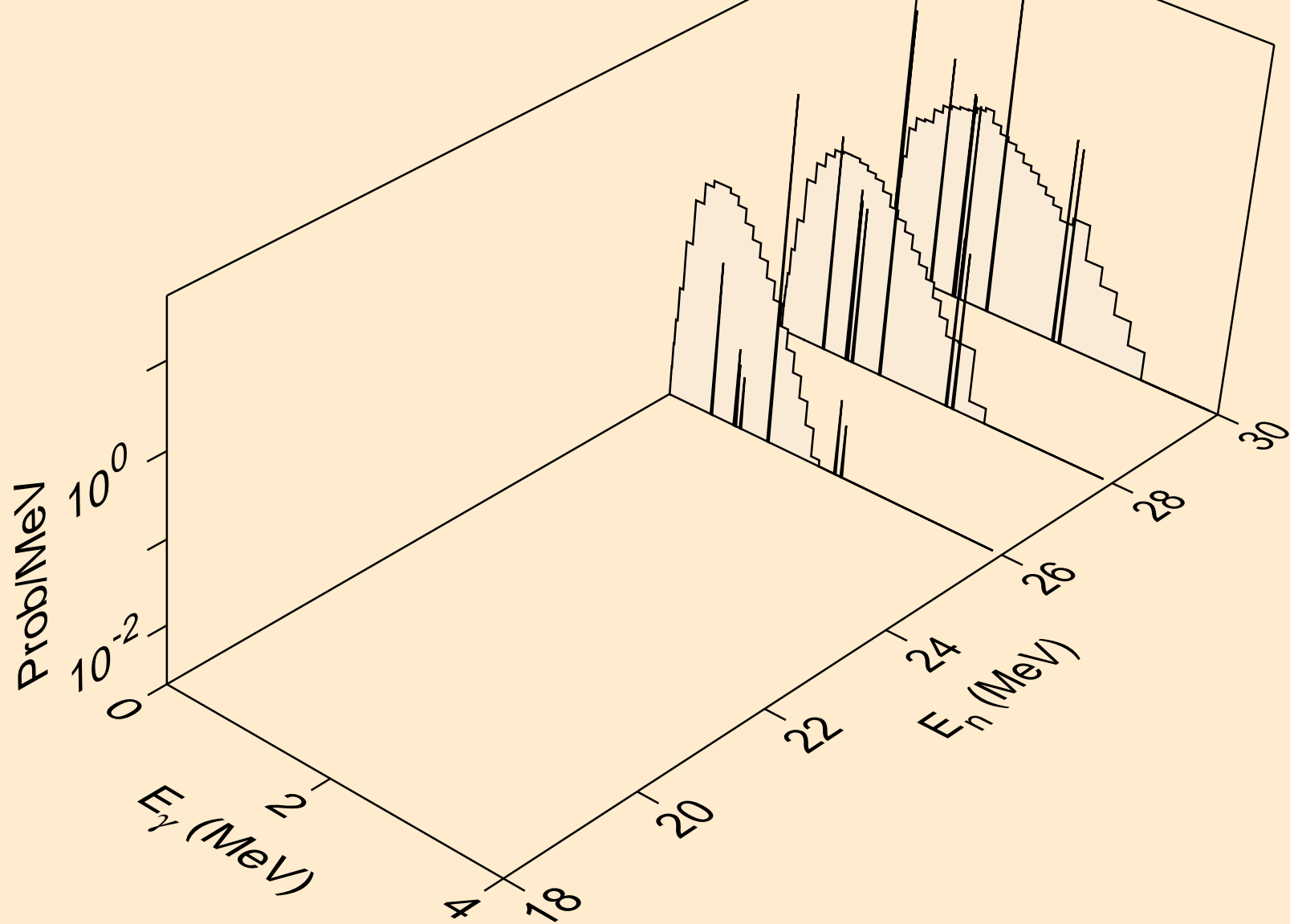


SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

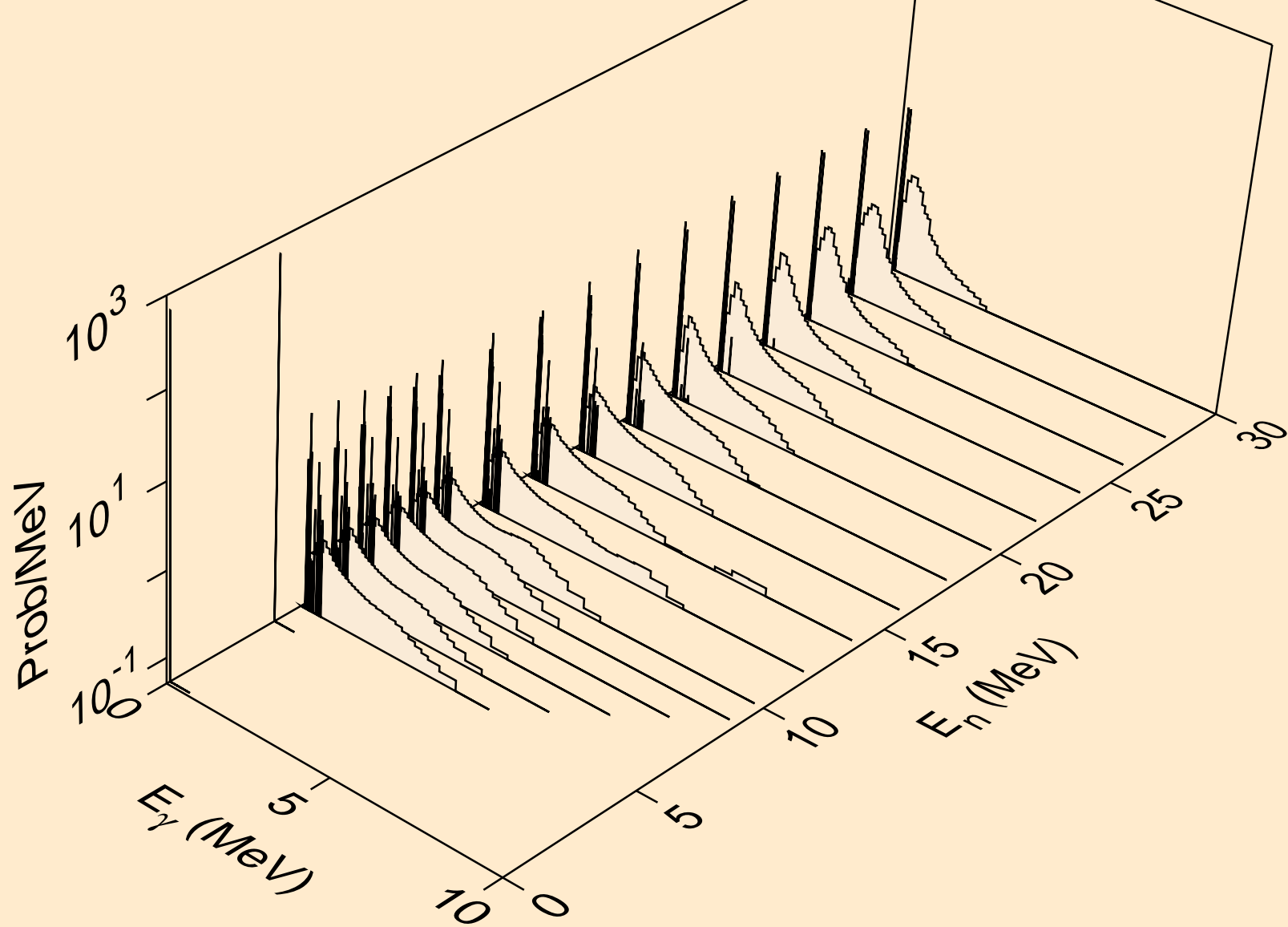




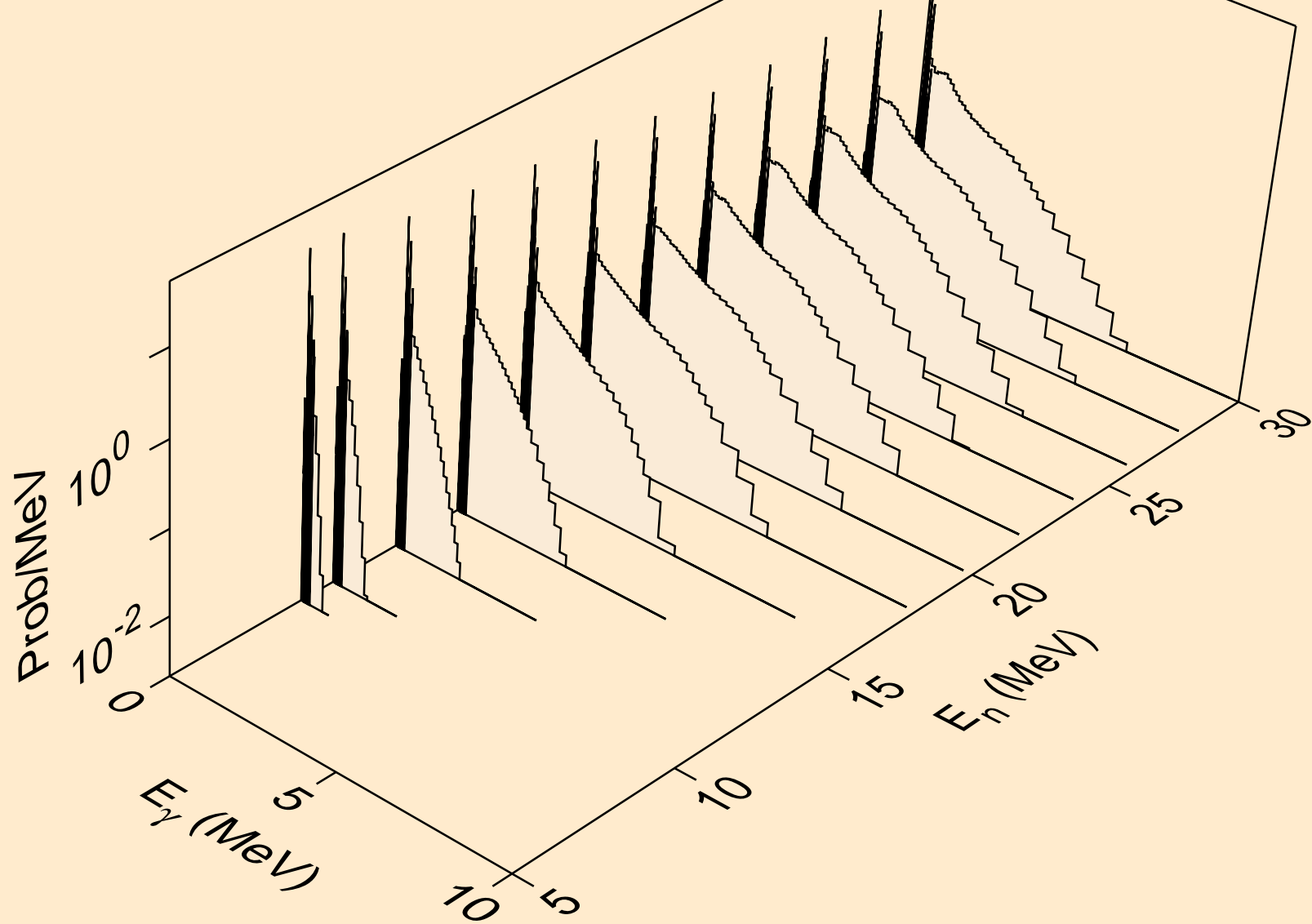
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



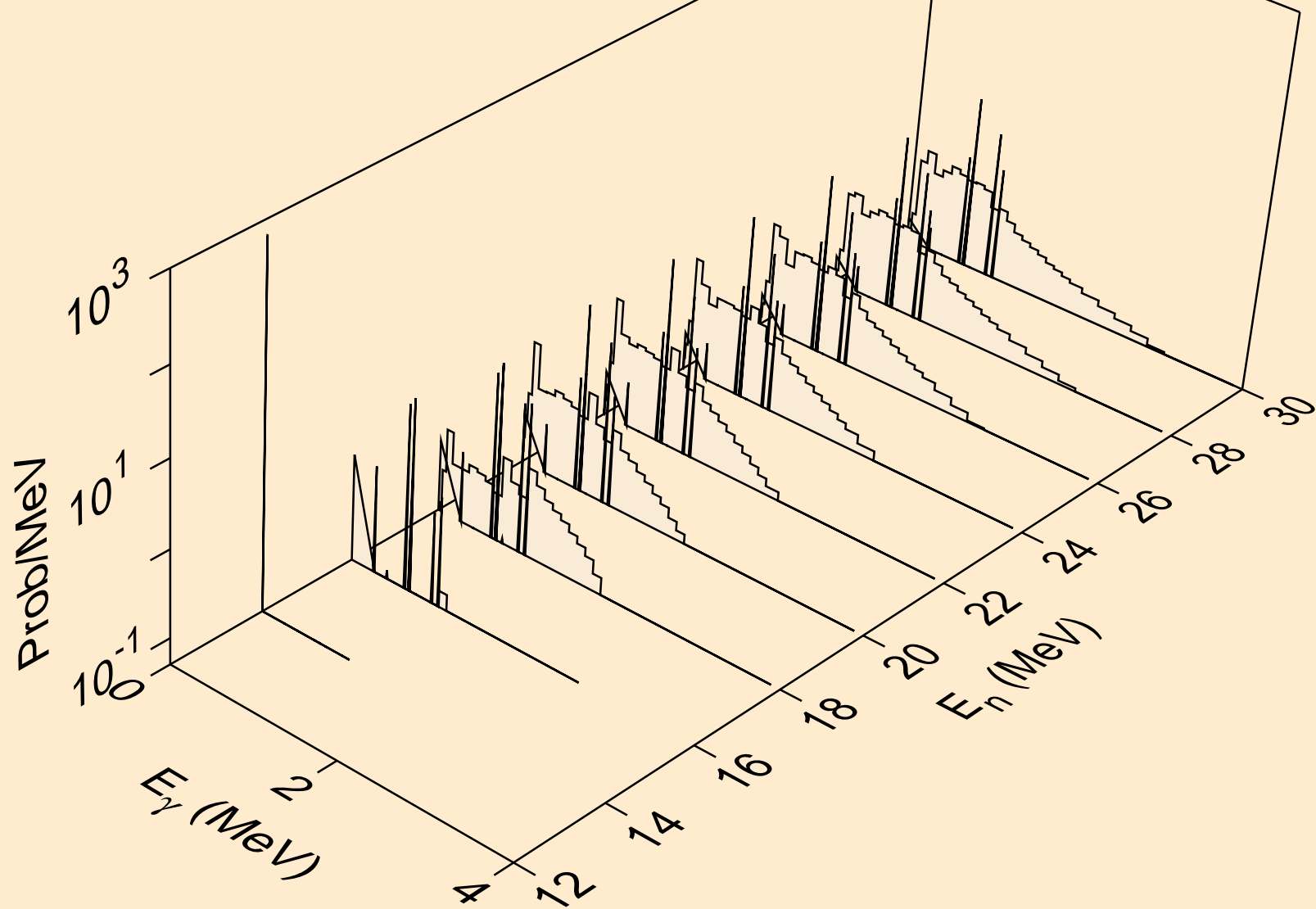
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



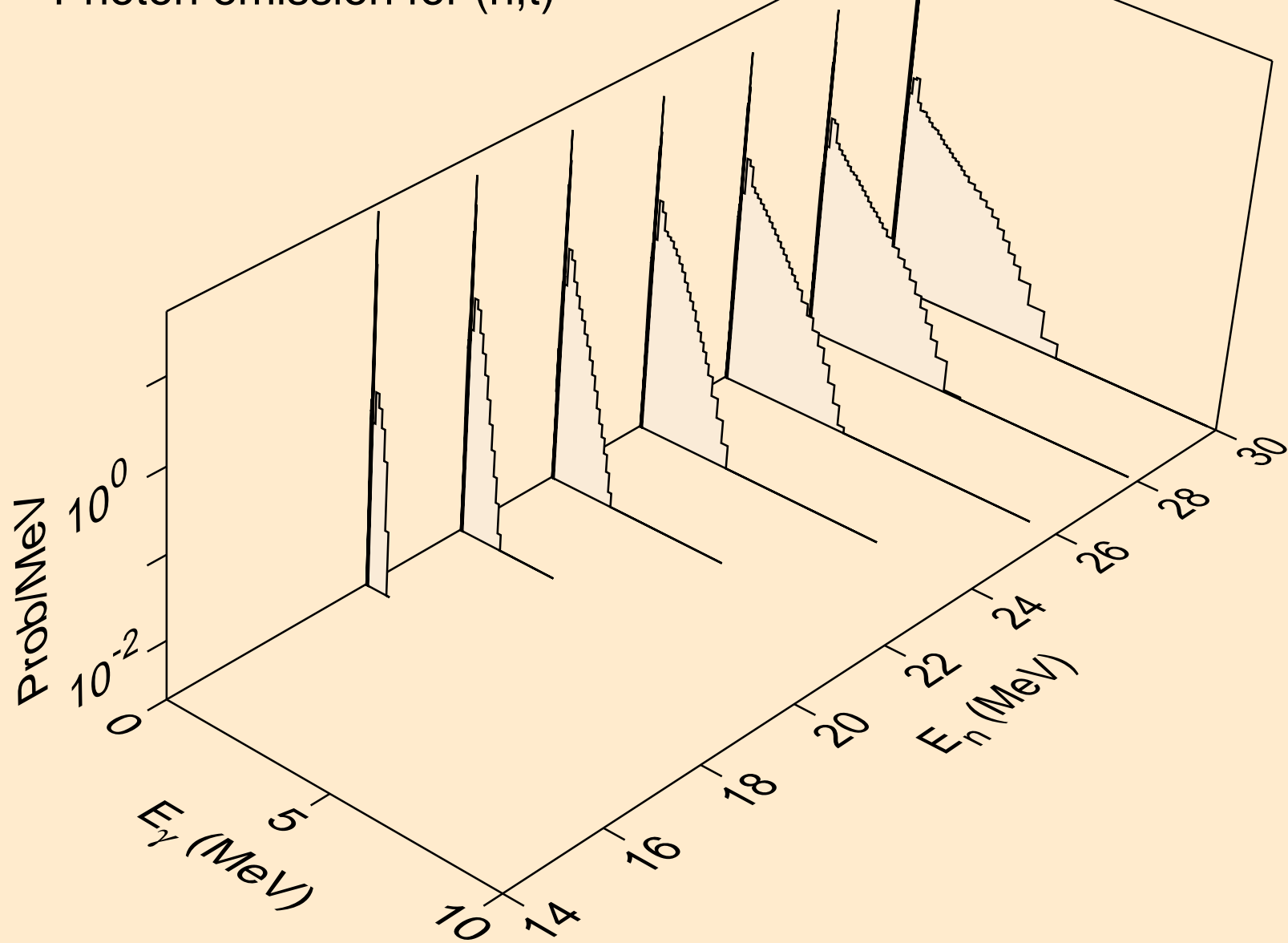
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



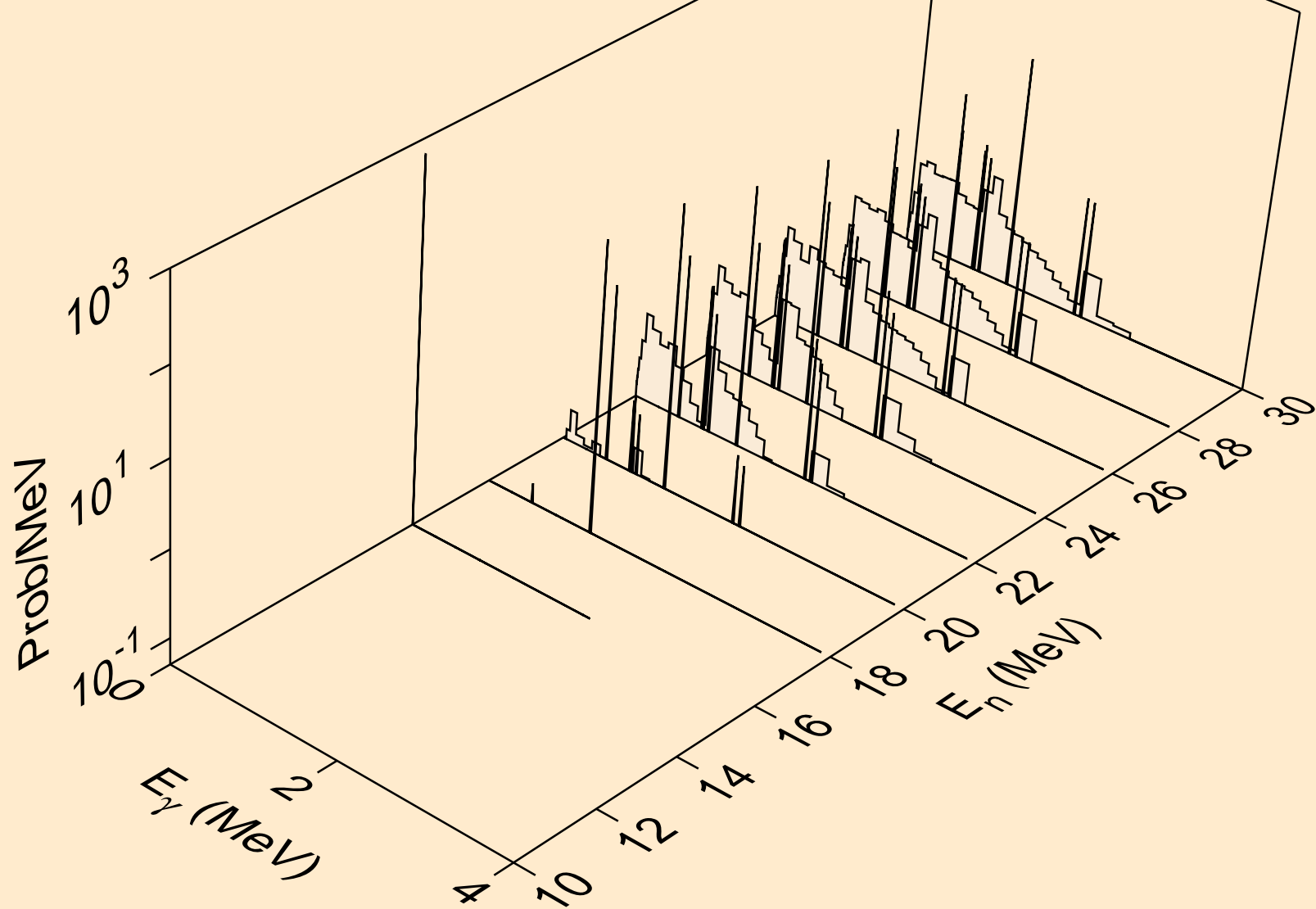
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



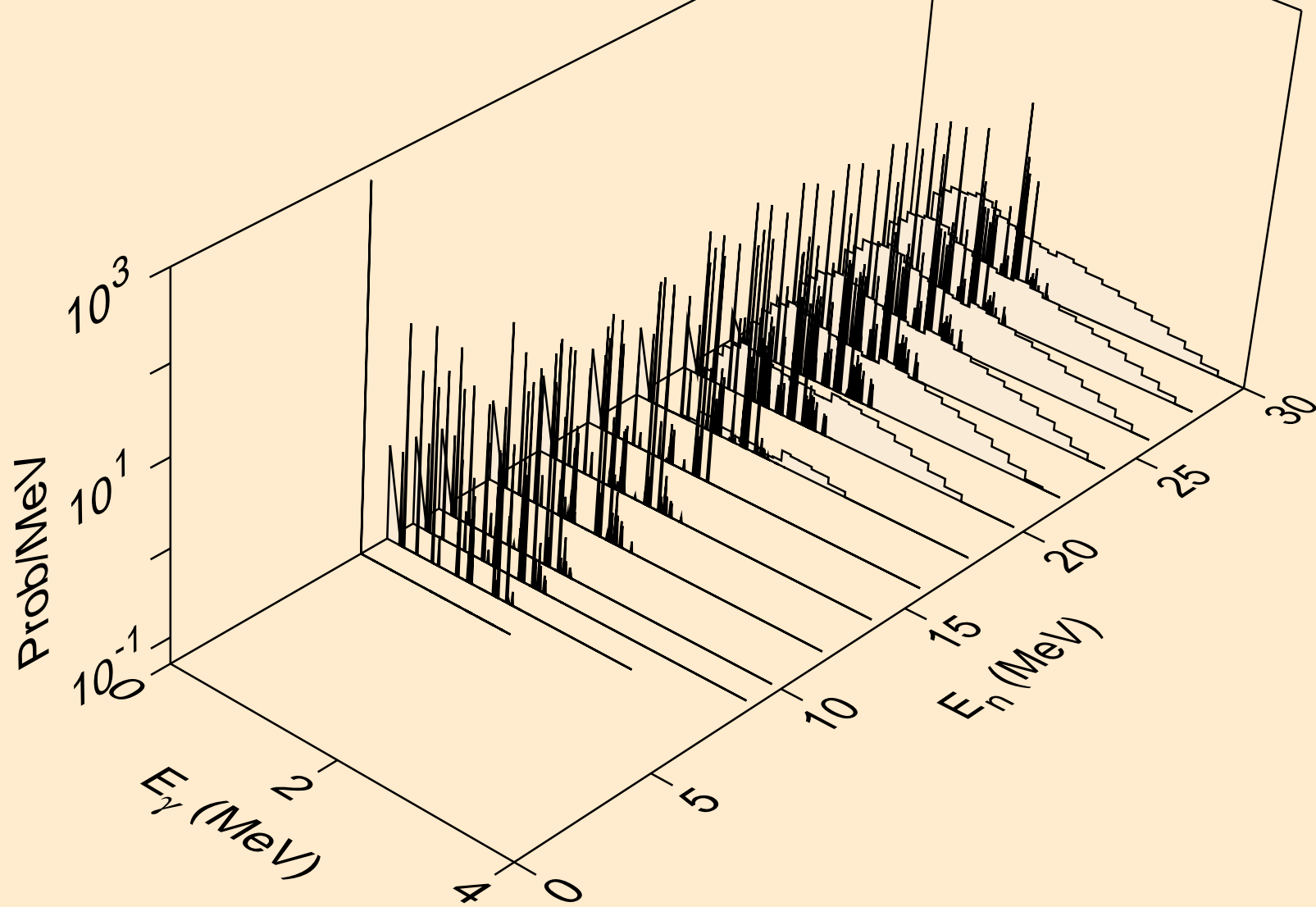
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



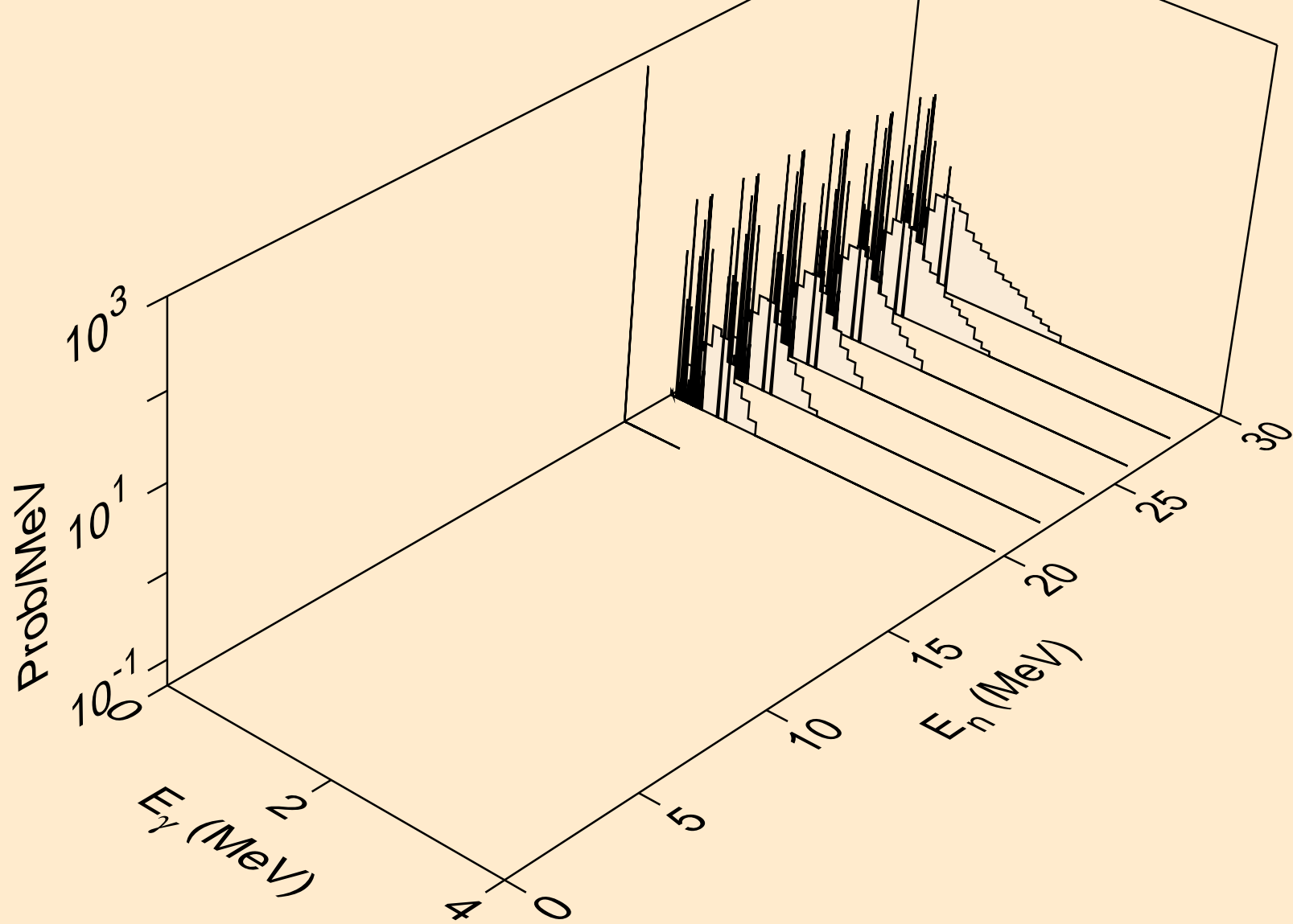
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

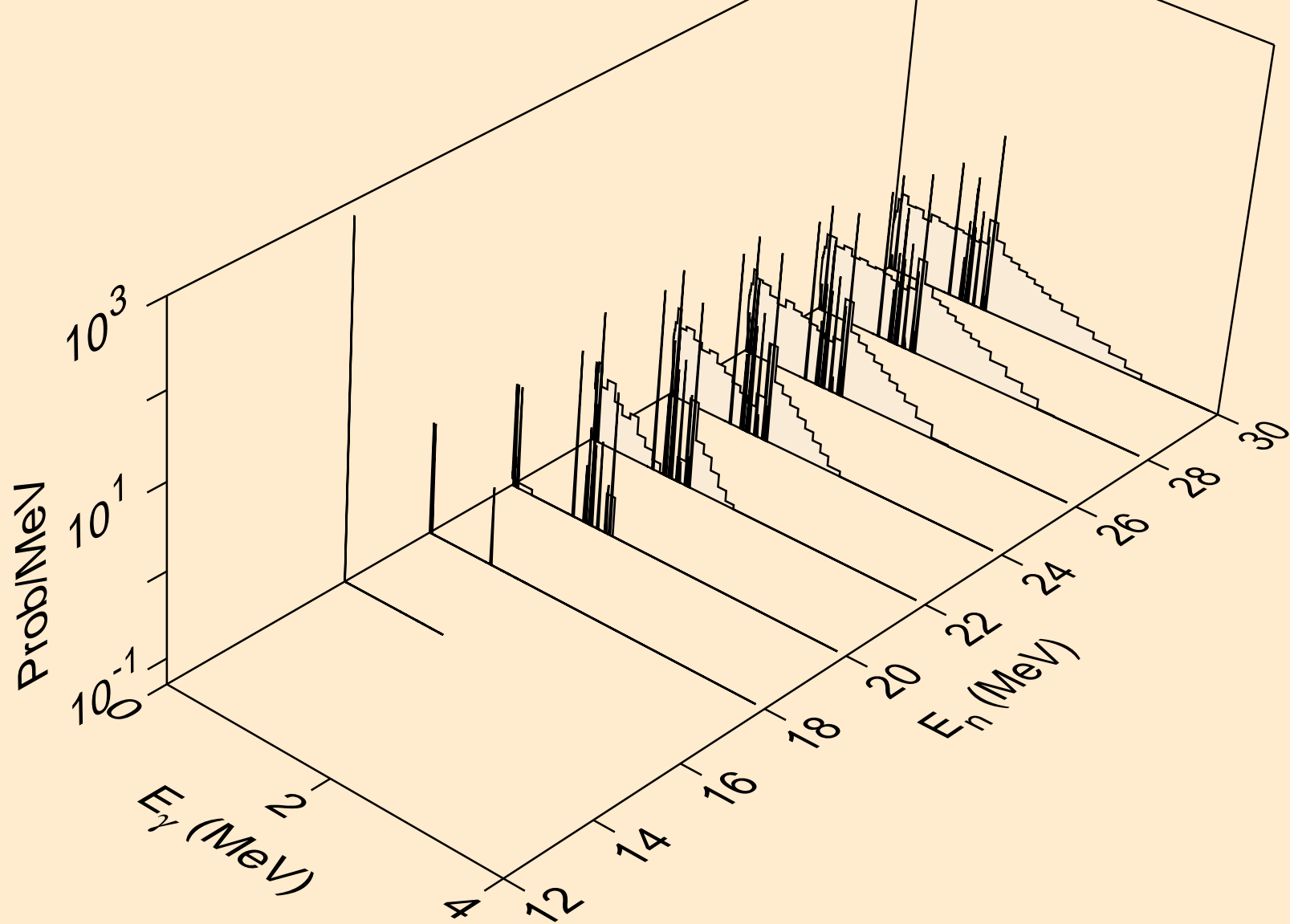


SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

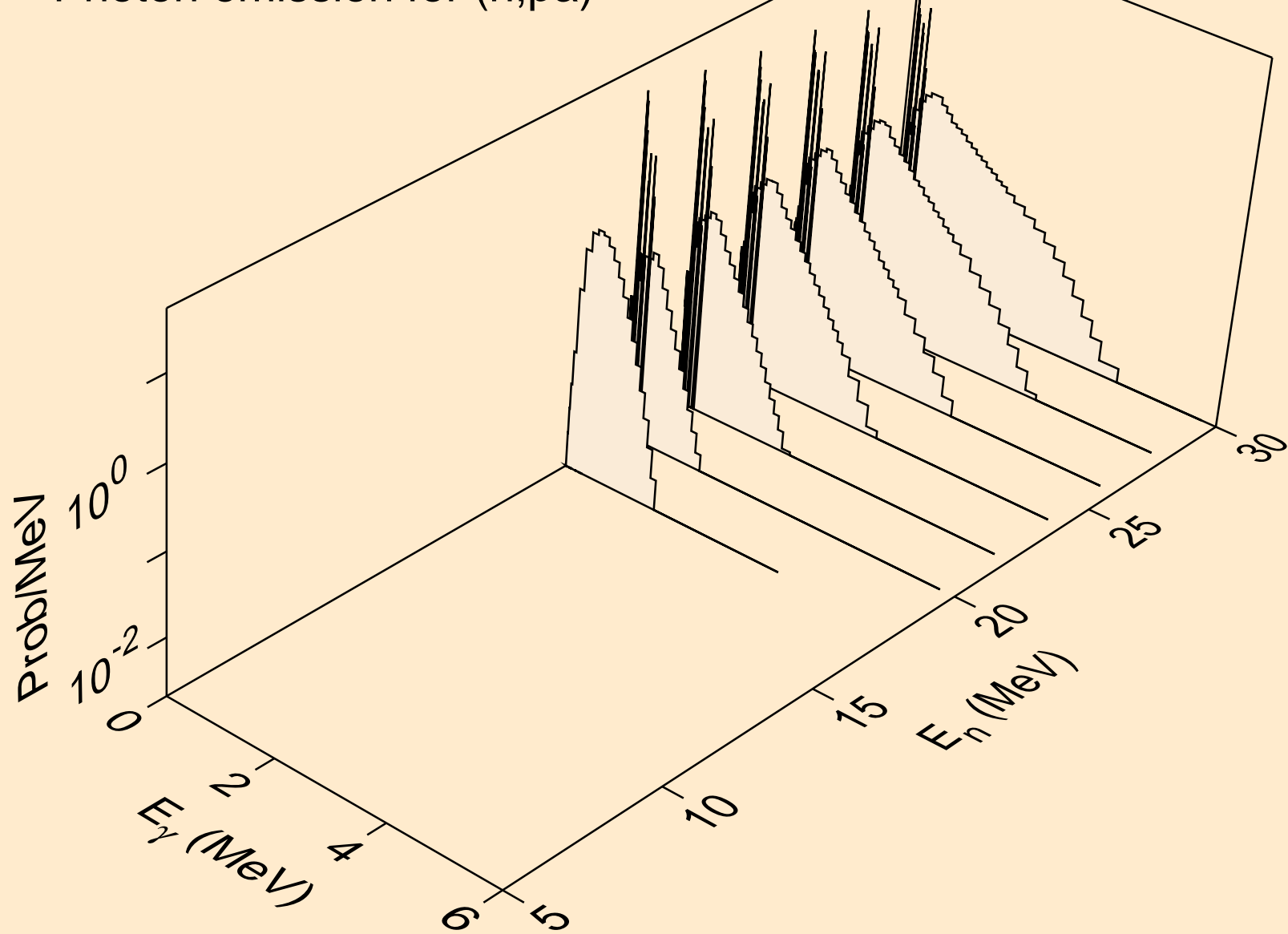




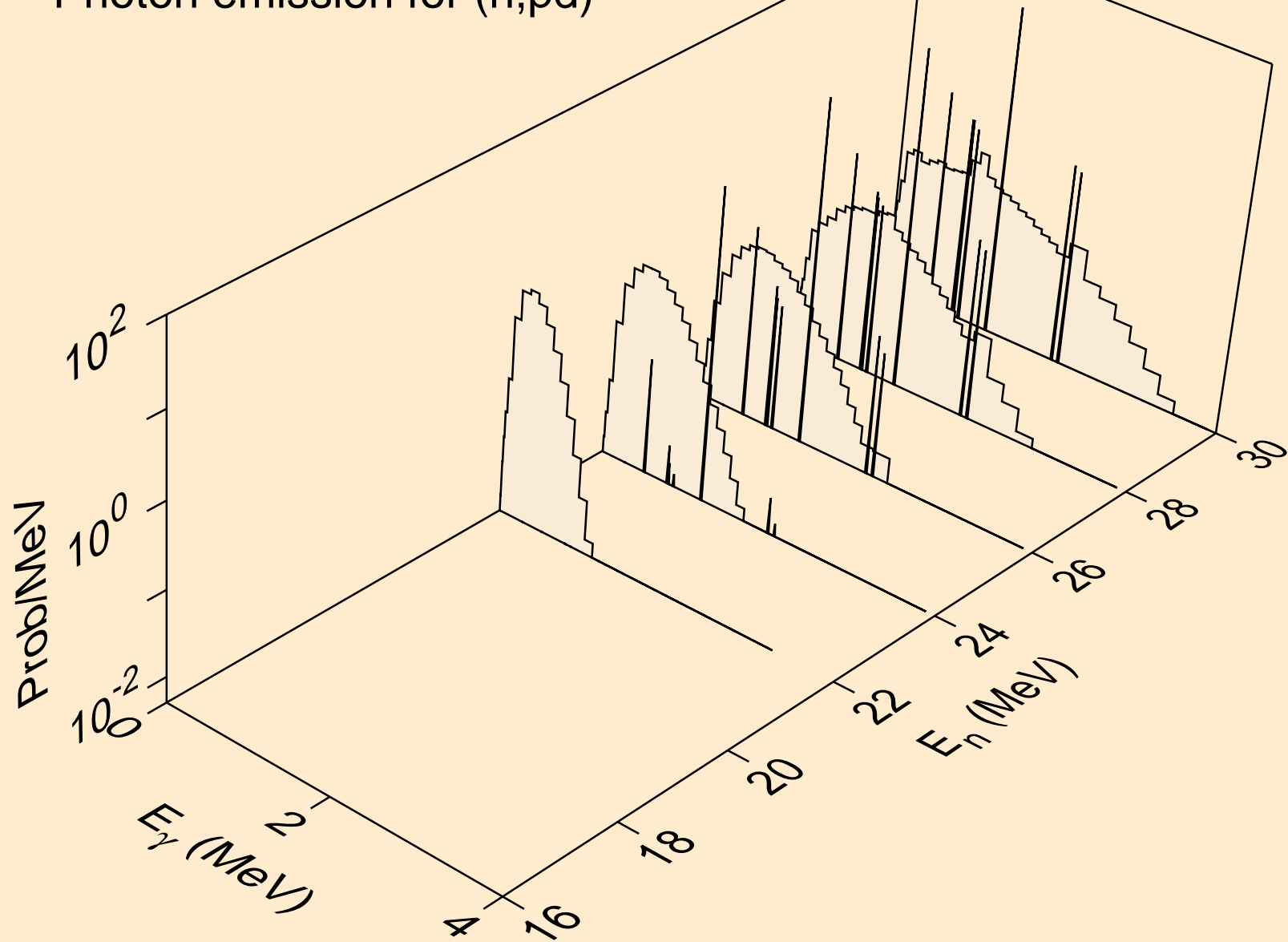
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



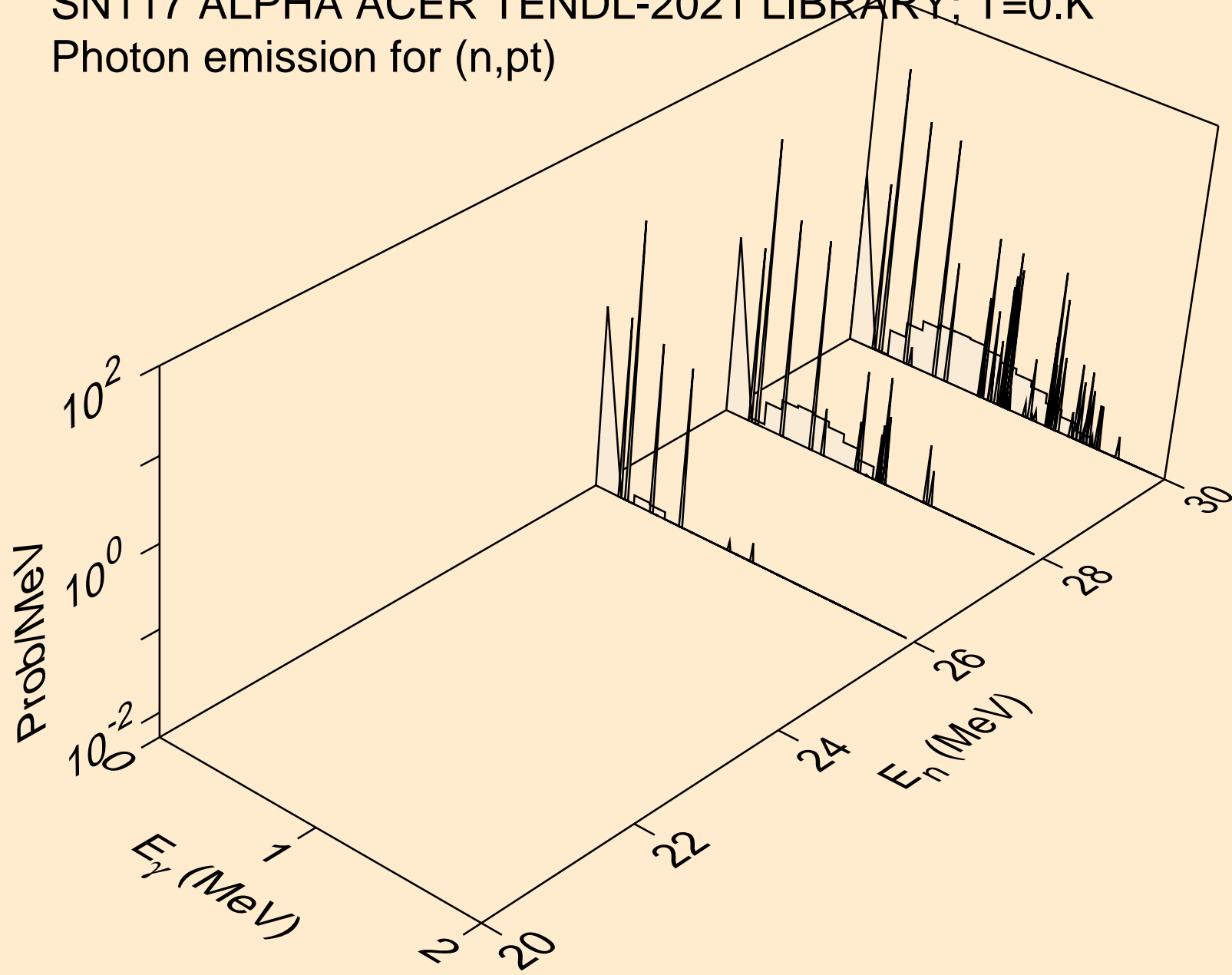
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

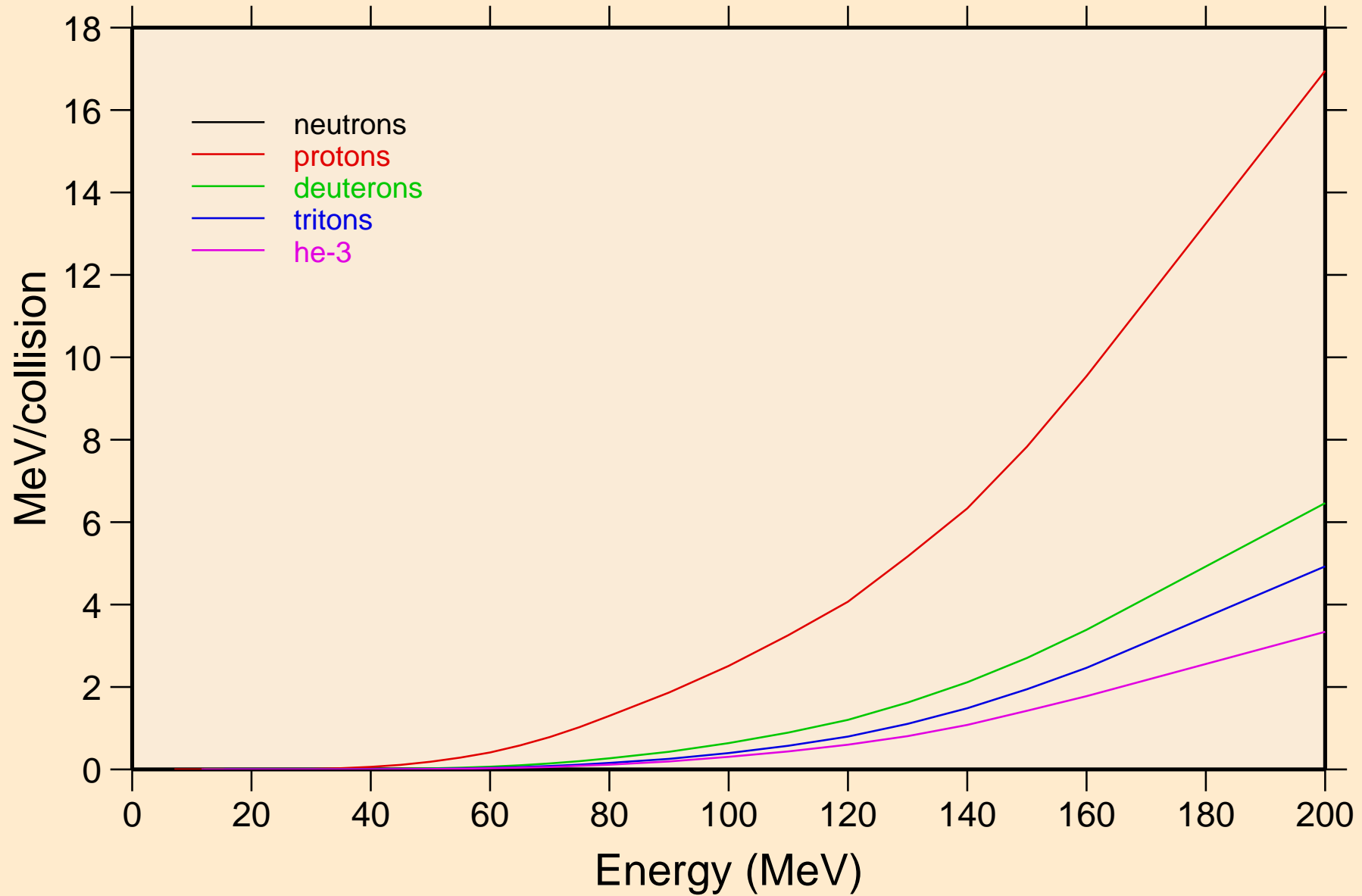


SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

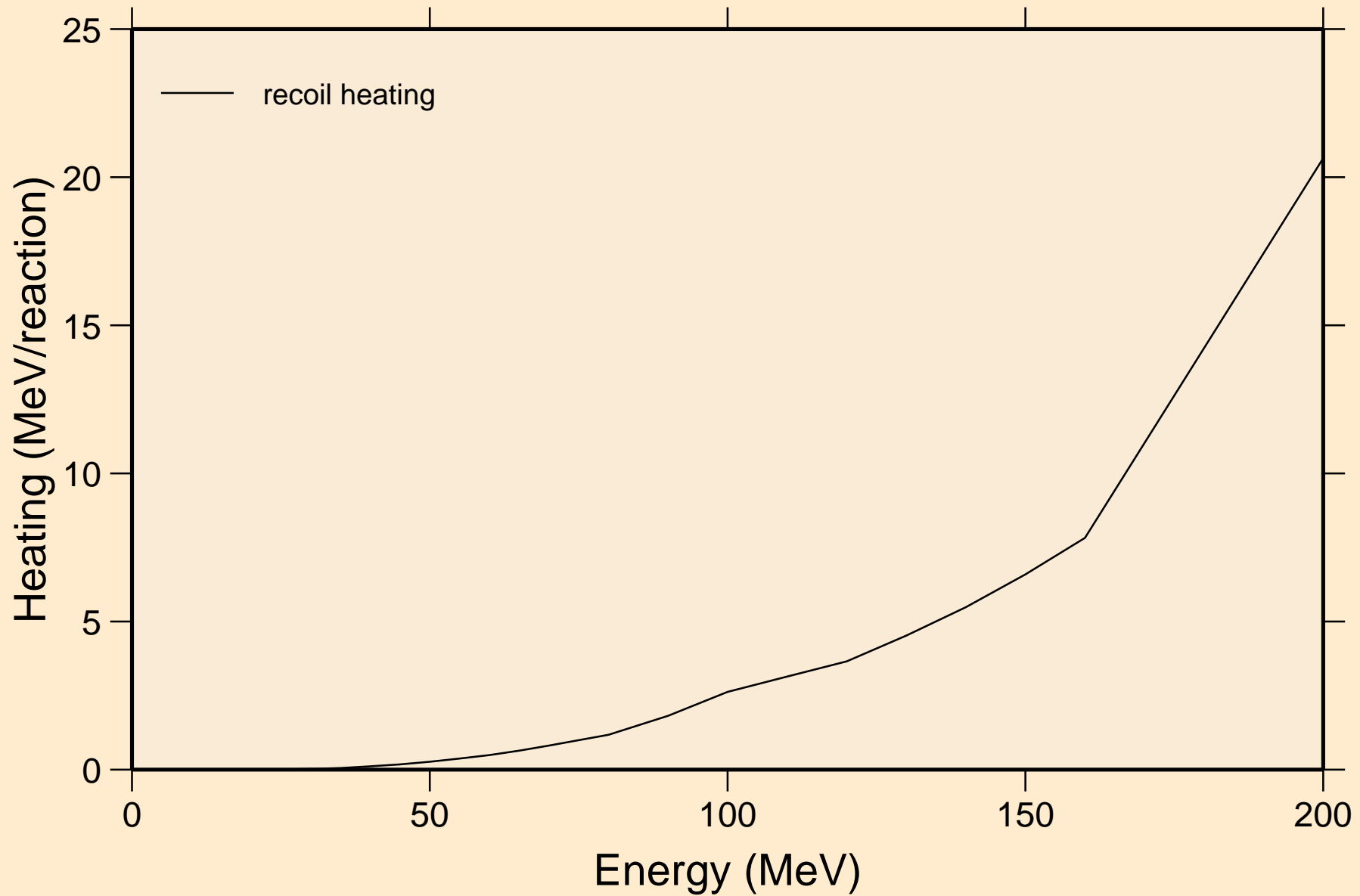


# SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

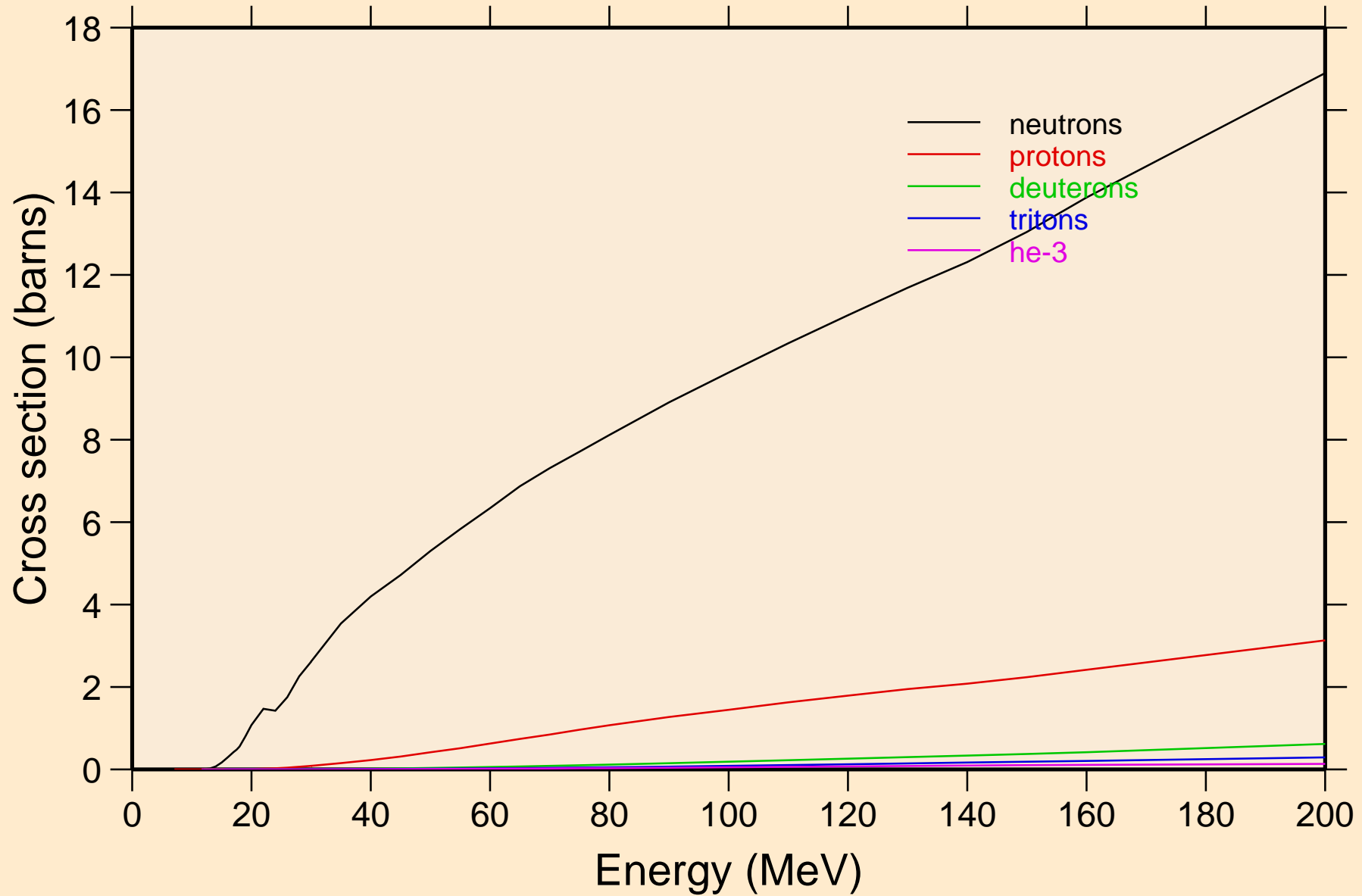
## Particle heating contributions



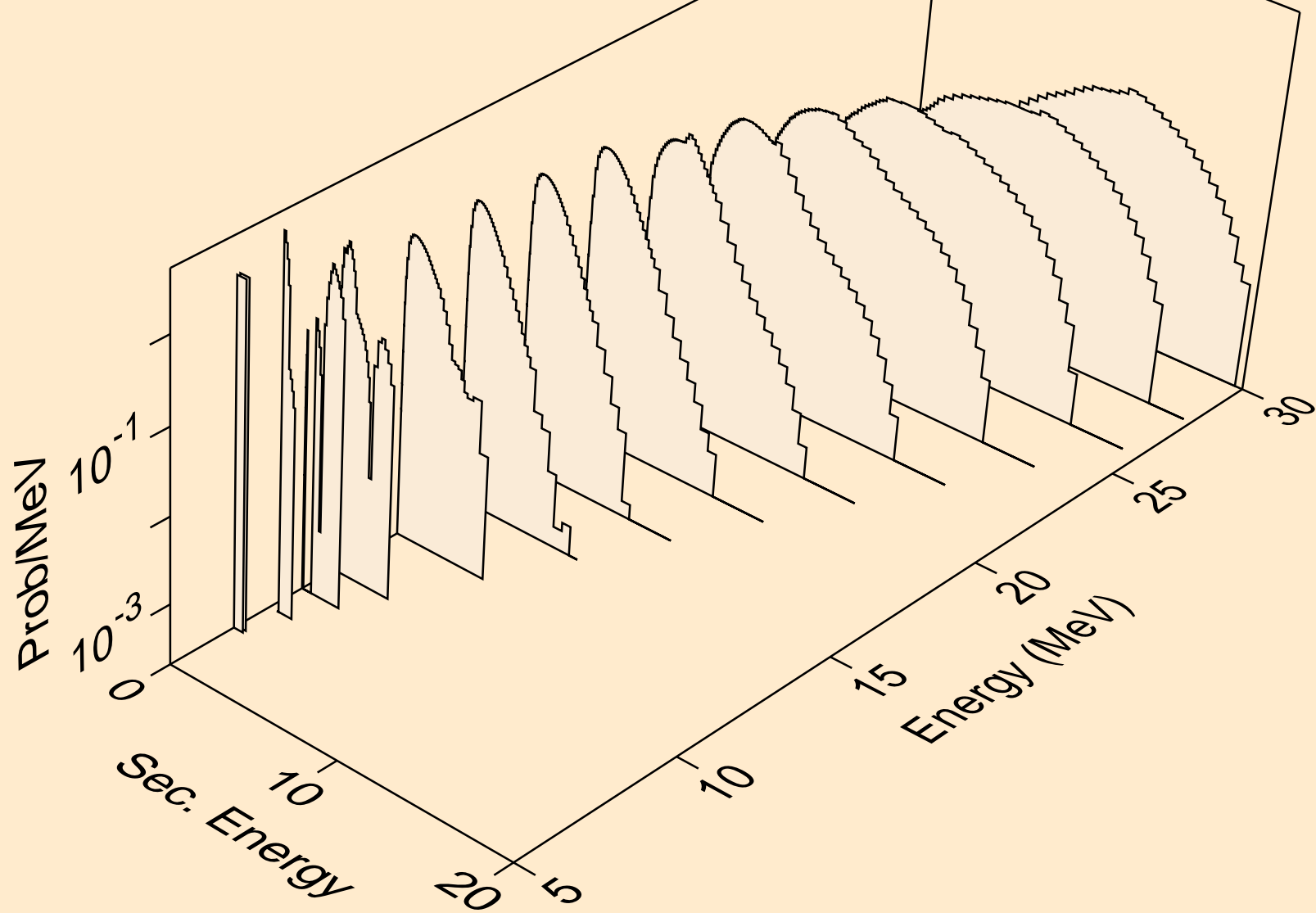
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections

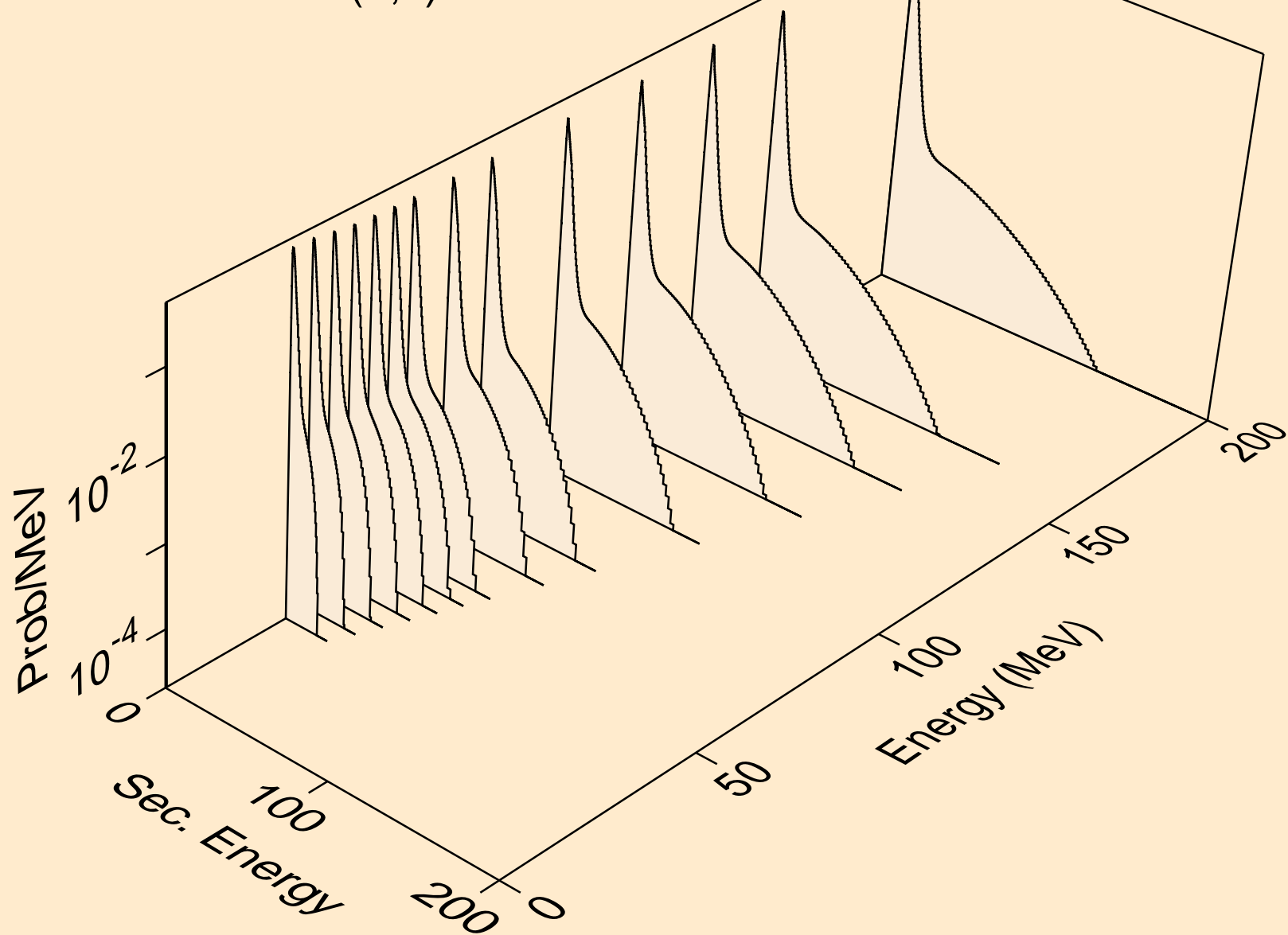


SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)

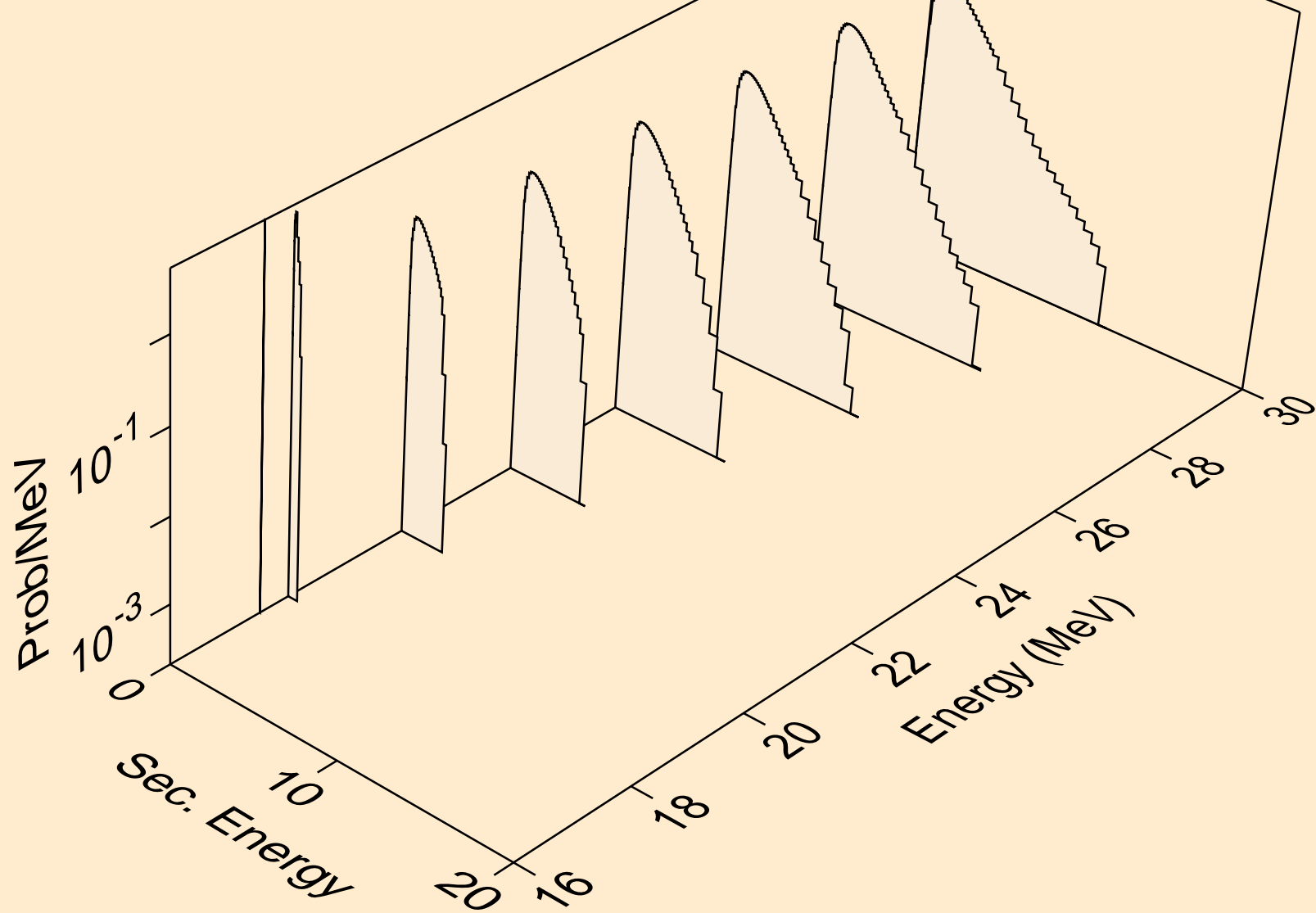




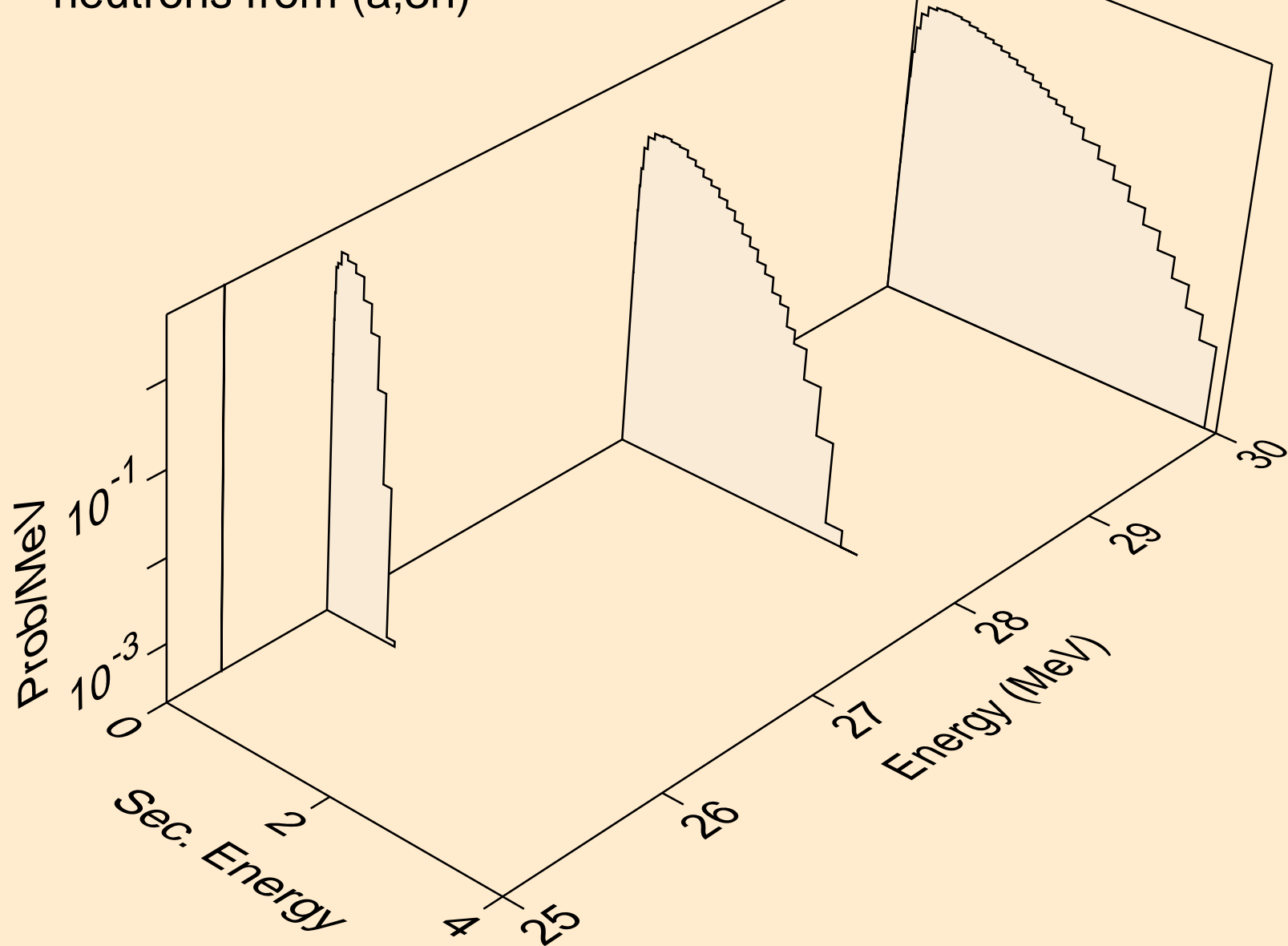
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



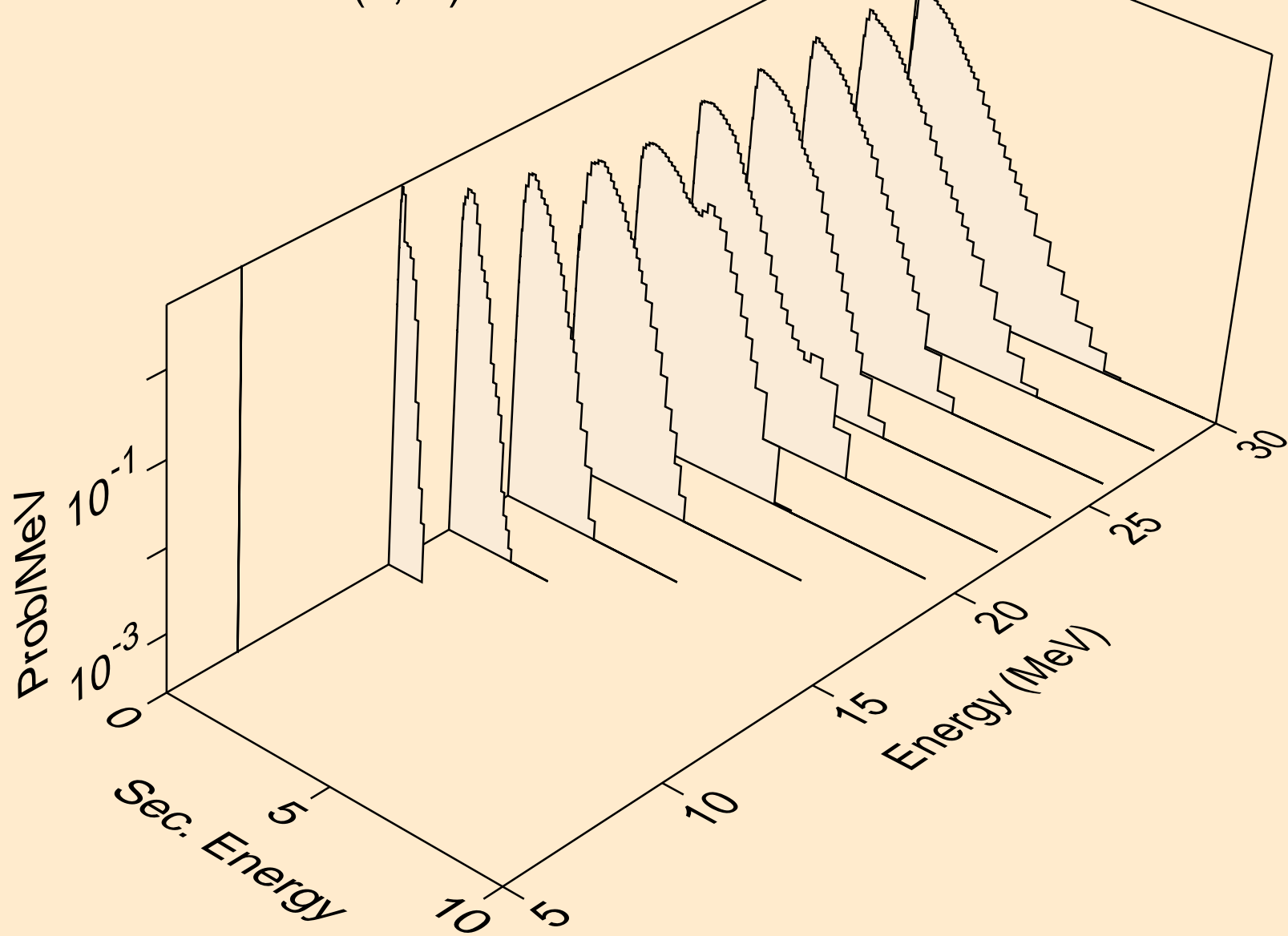
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



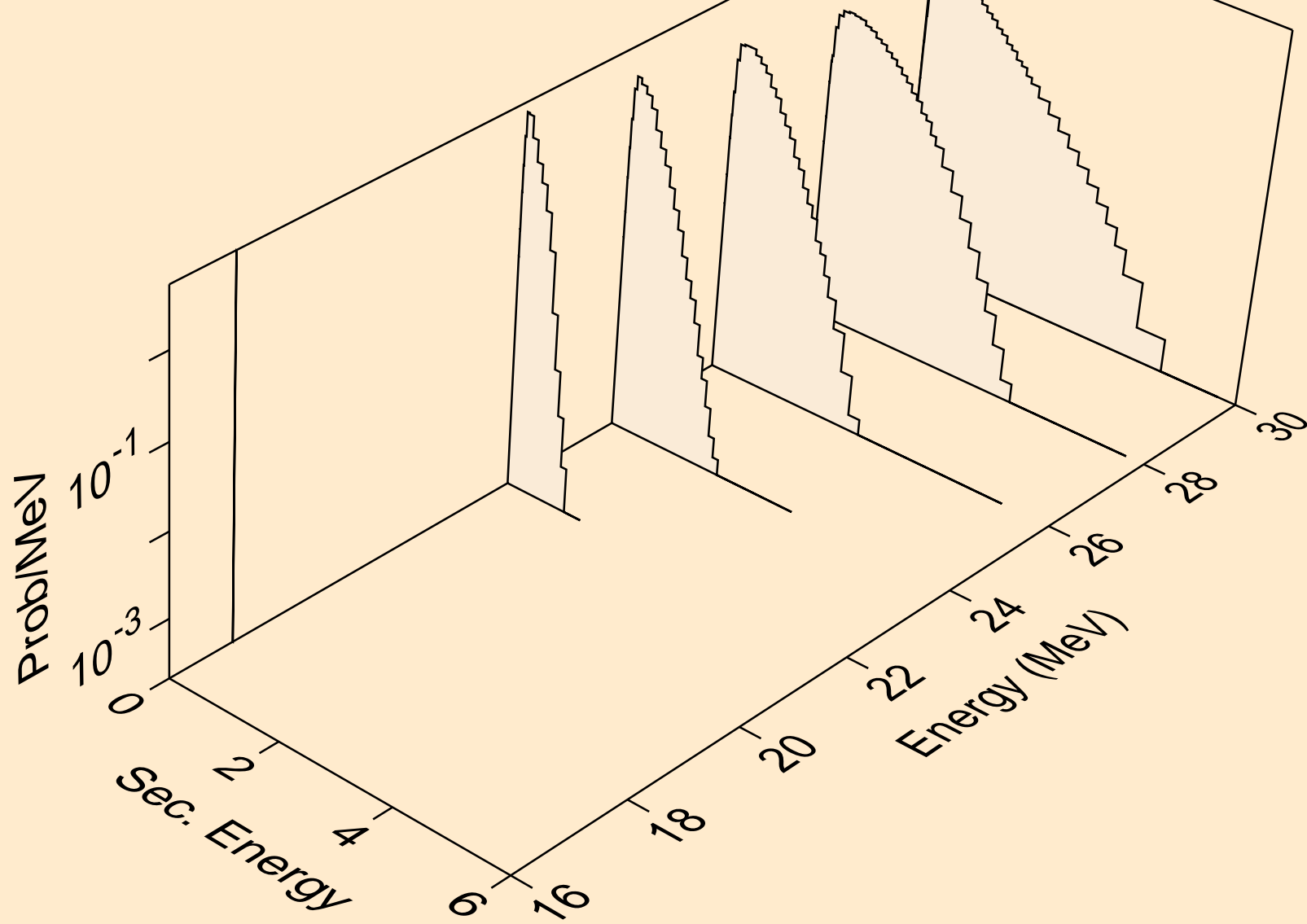
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



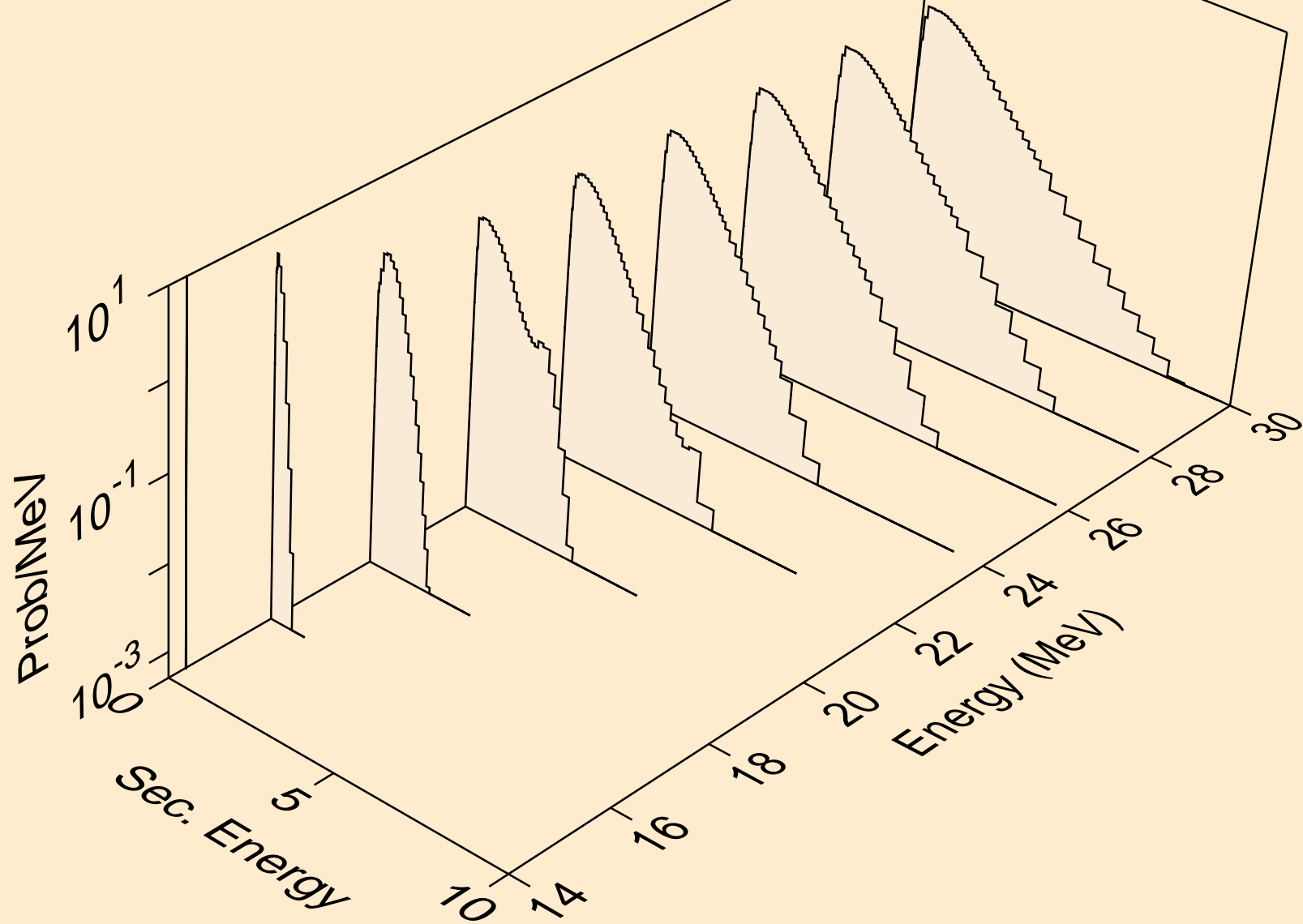
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



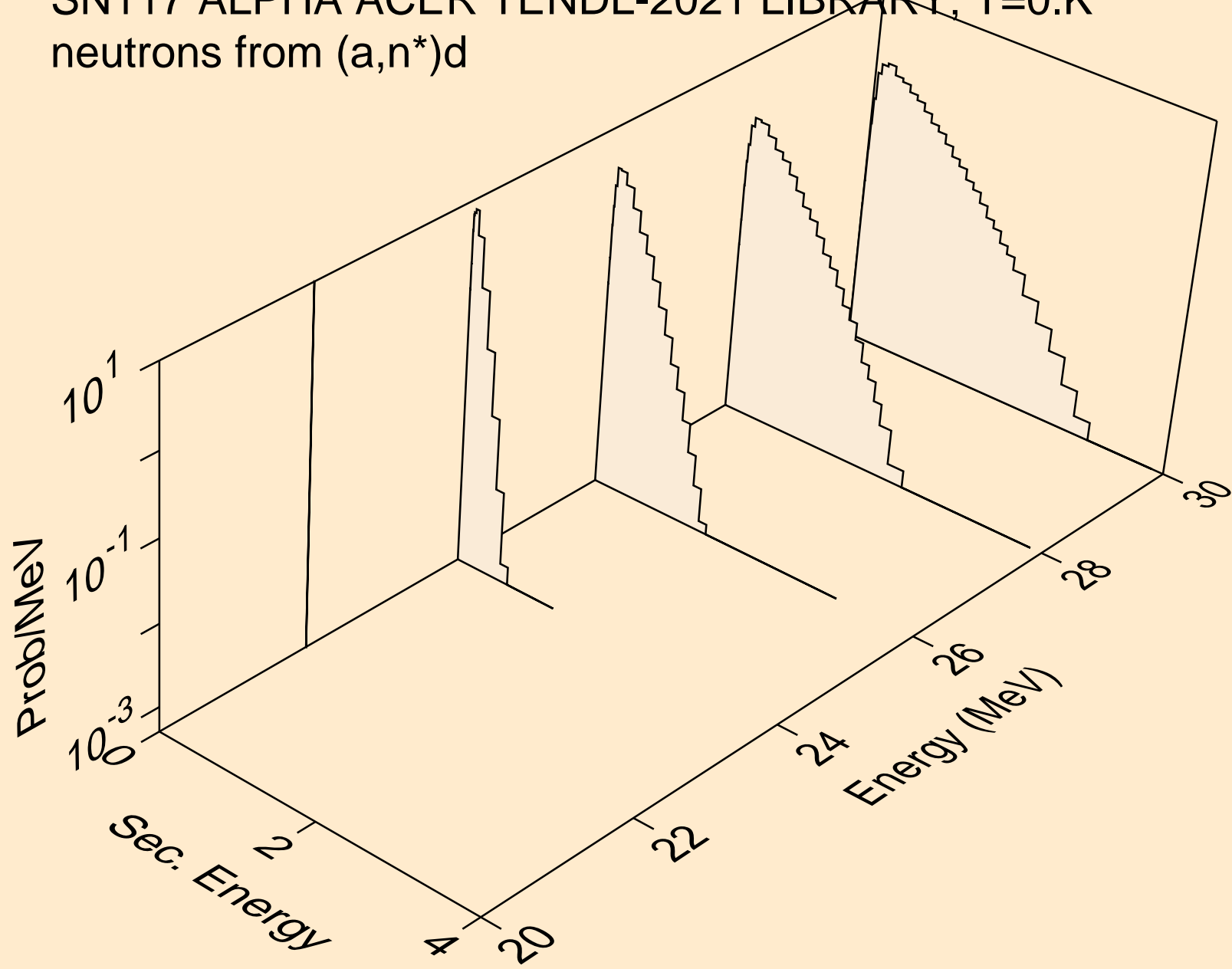
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a



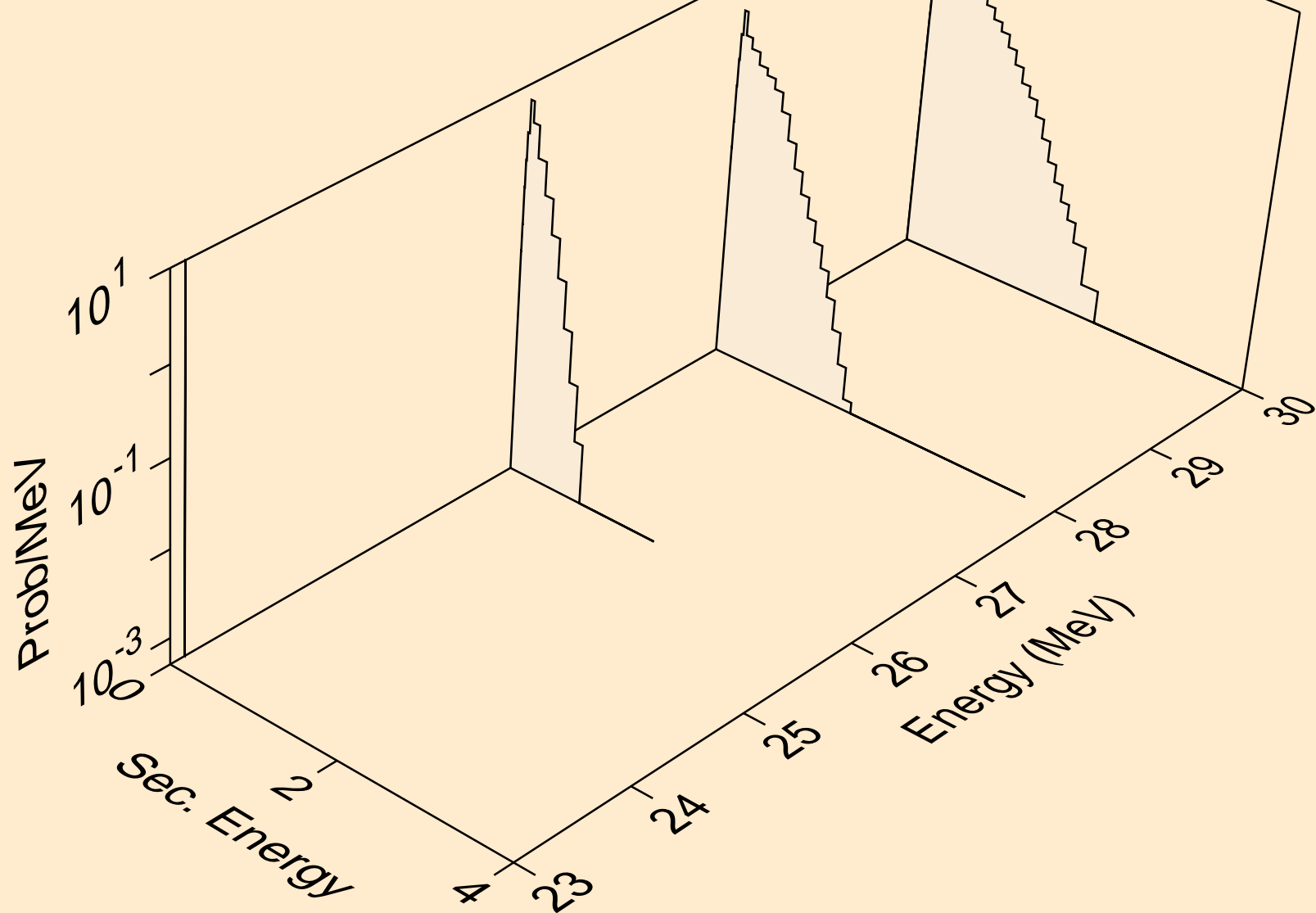
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d

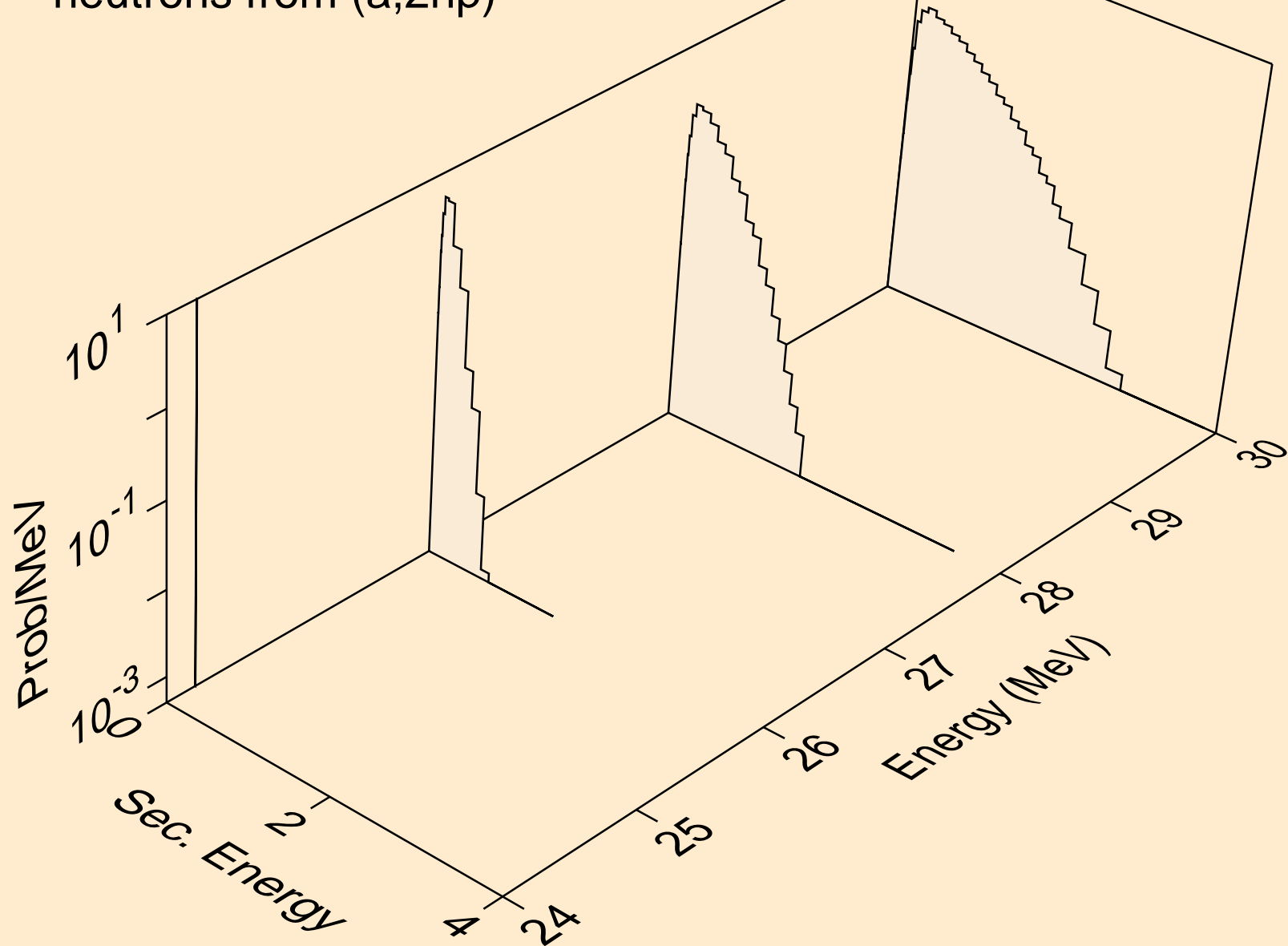


SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t

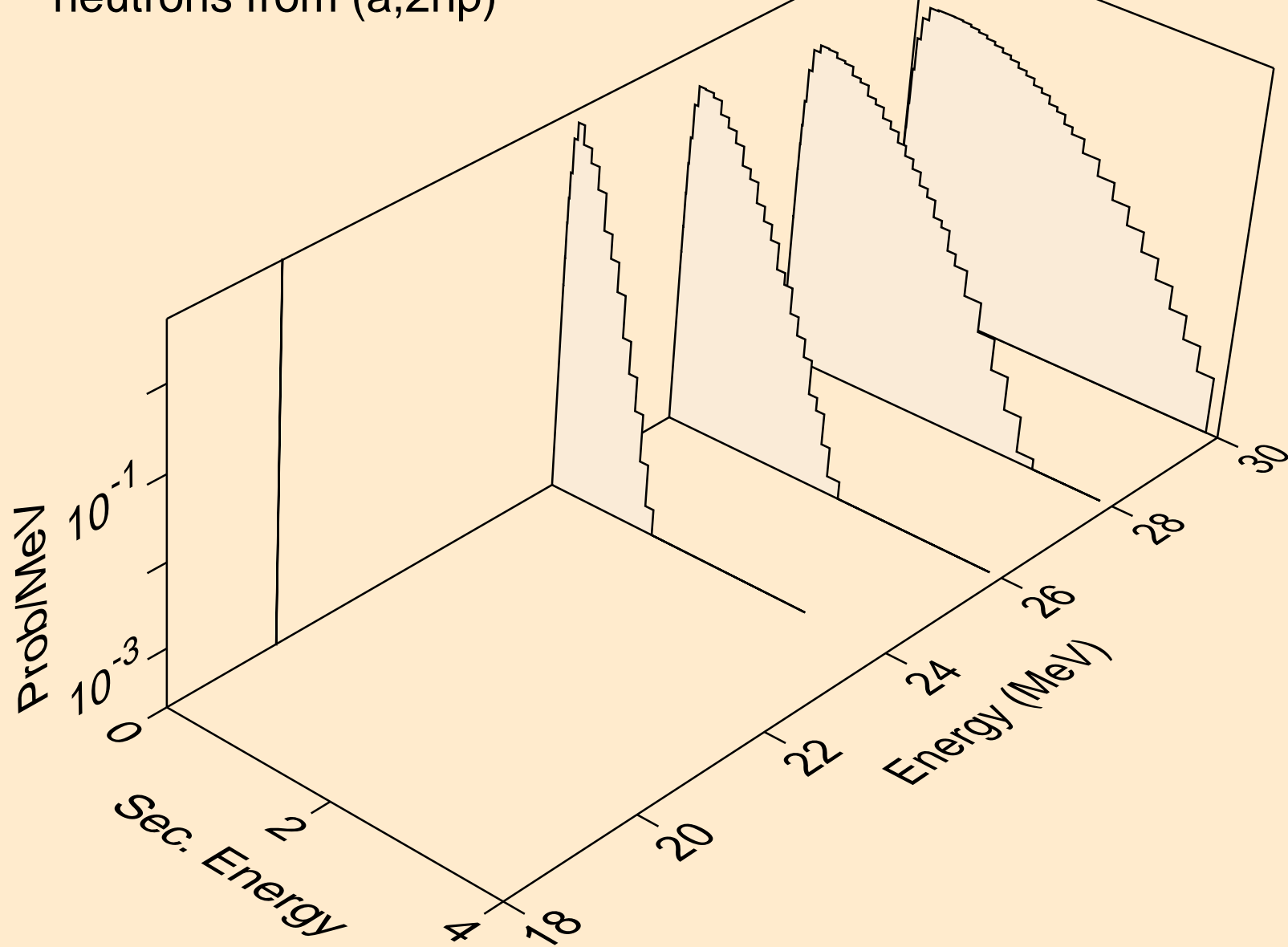




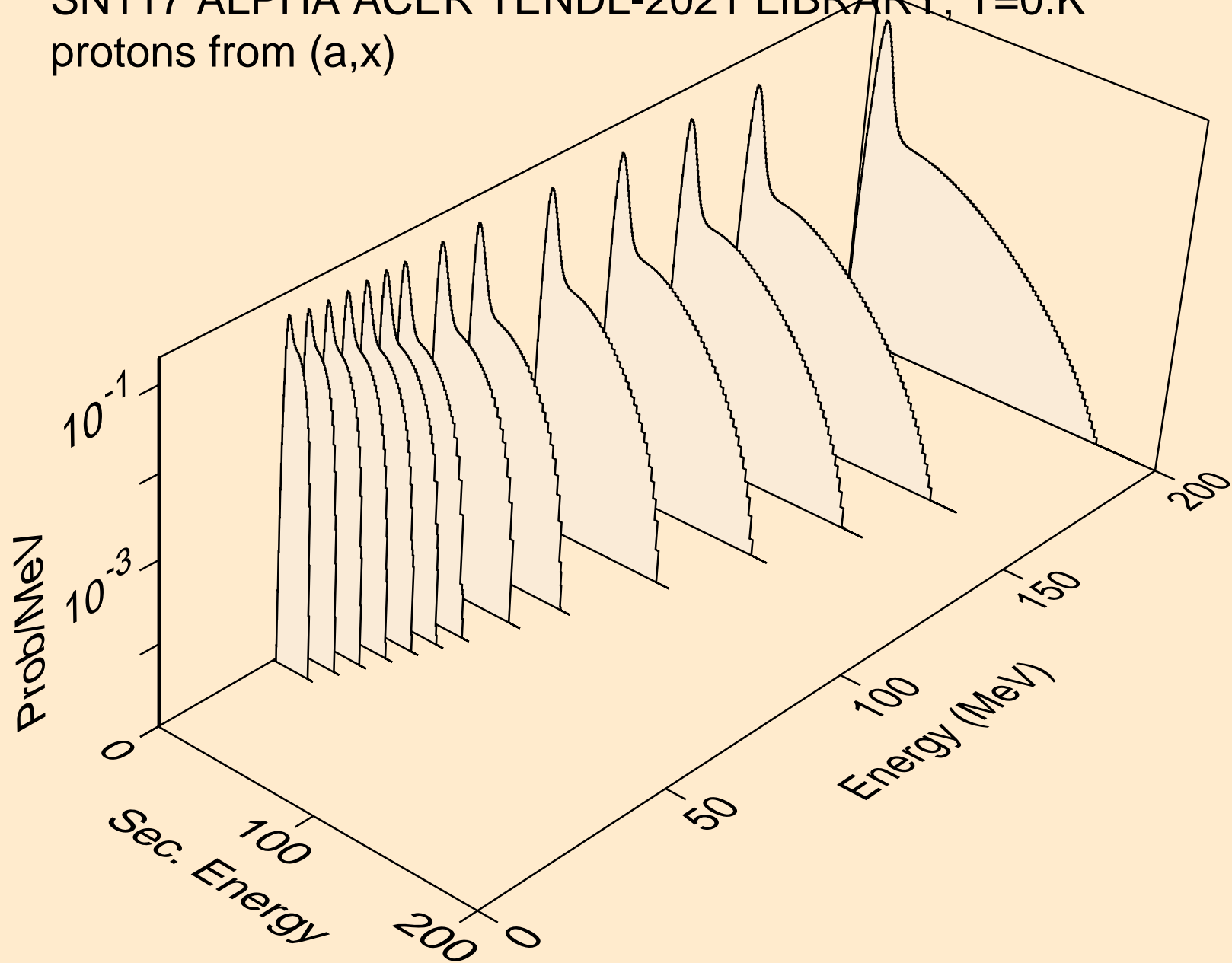
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



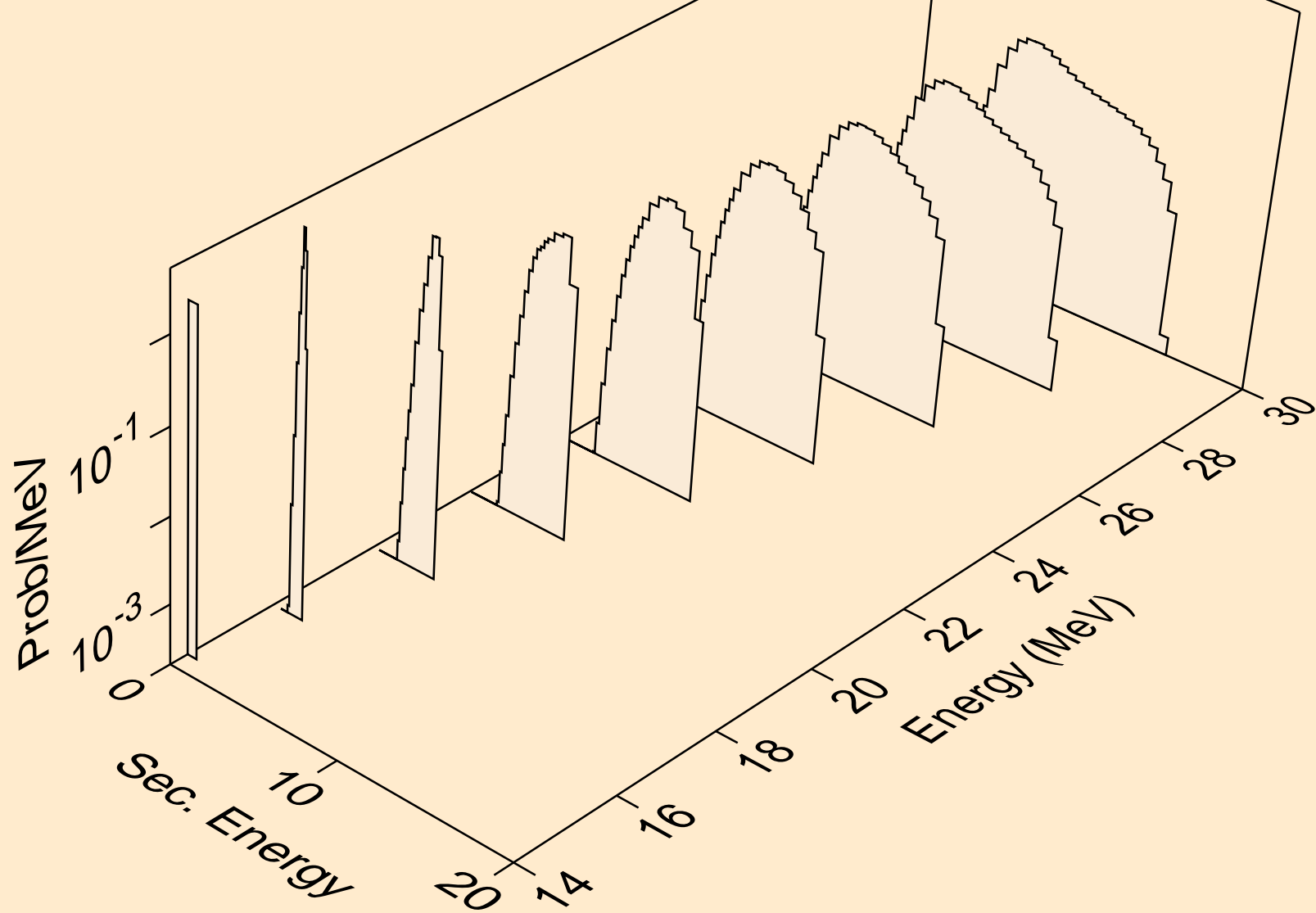
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



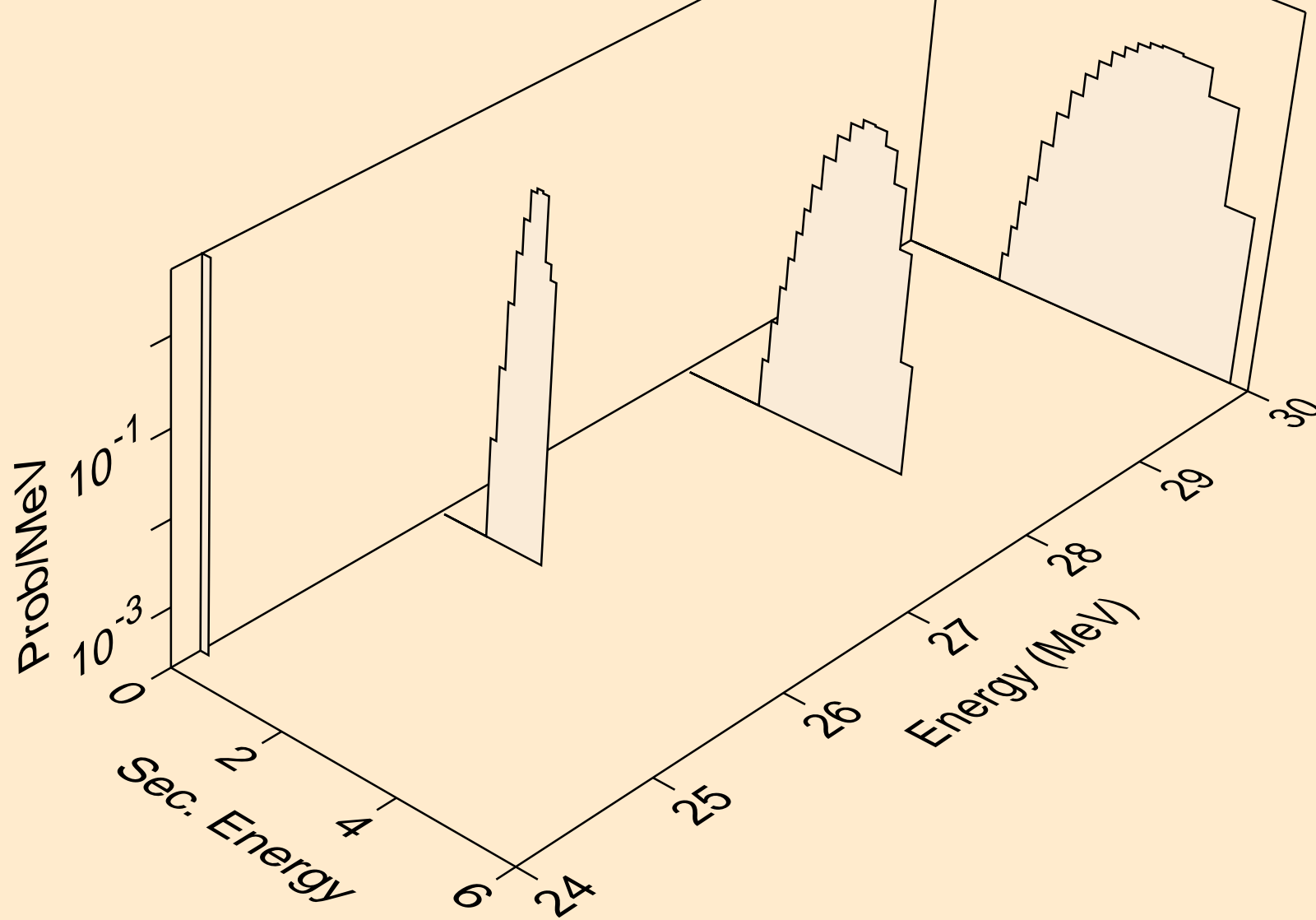
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



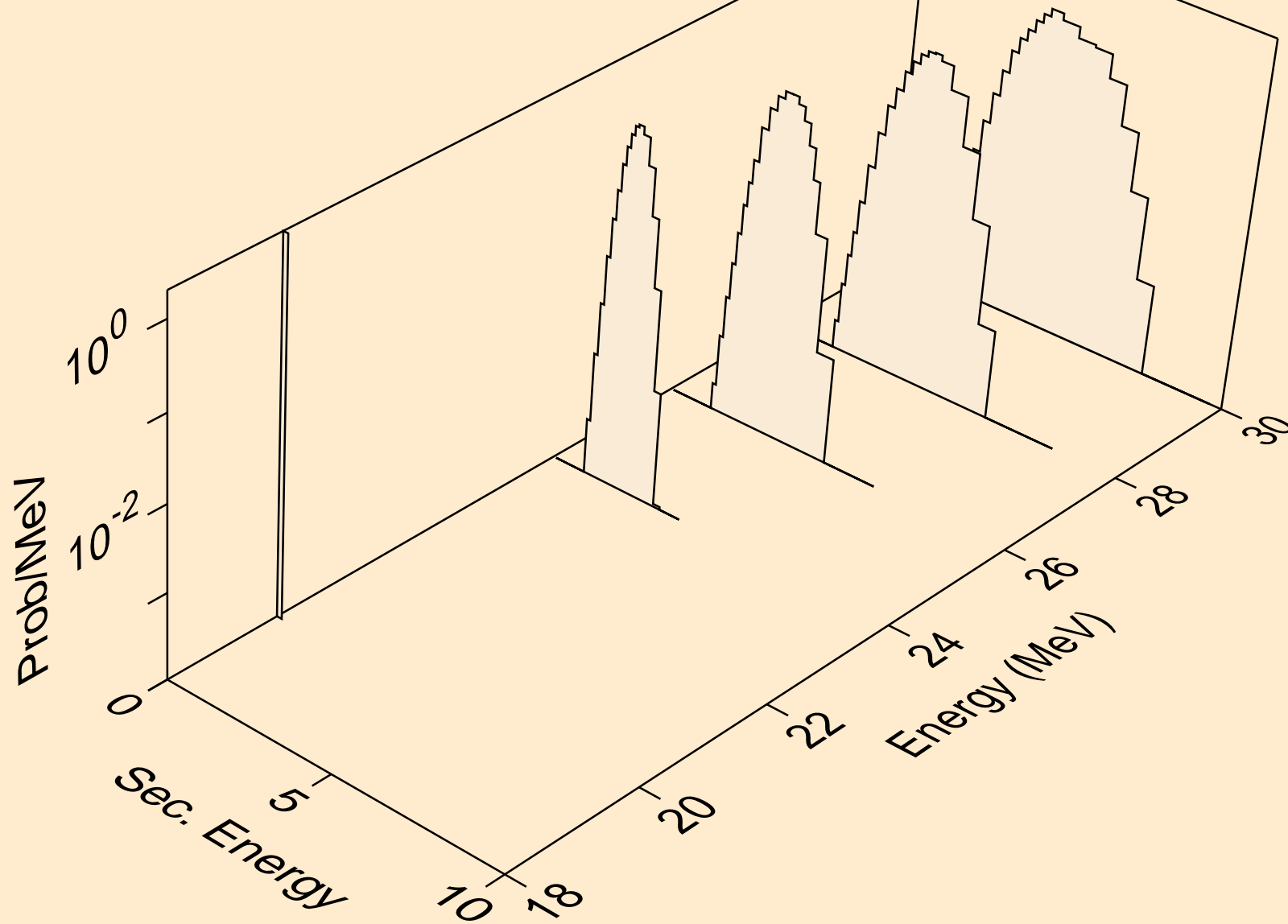
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



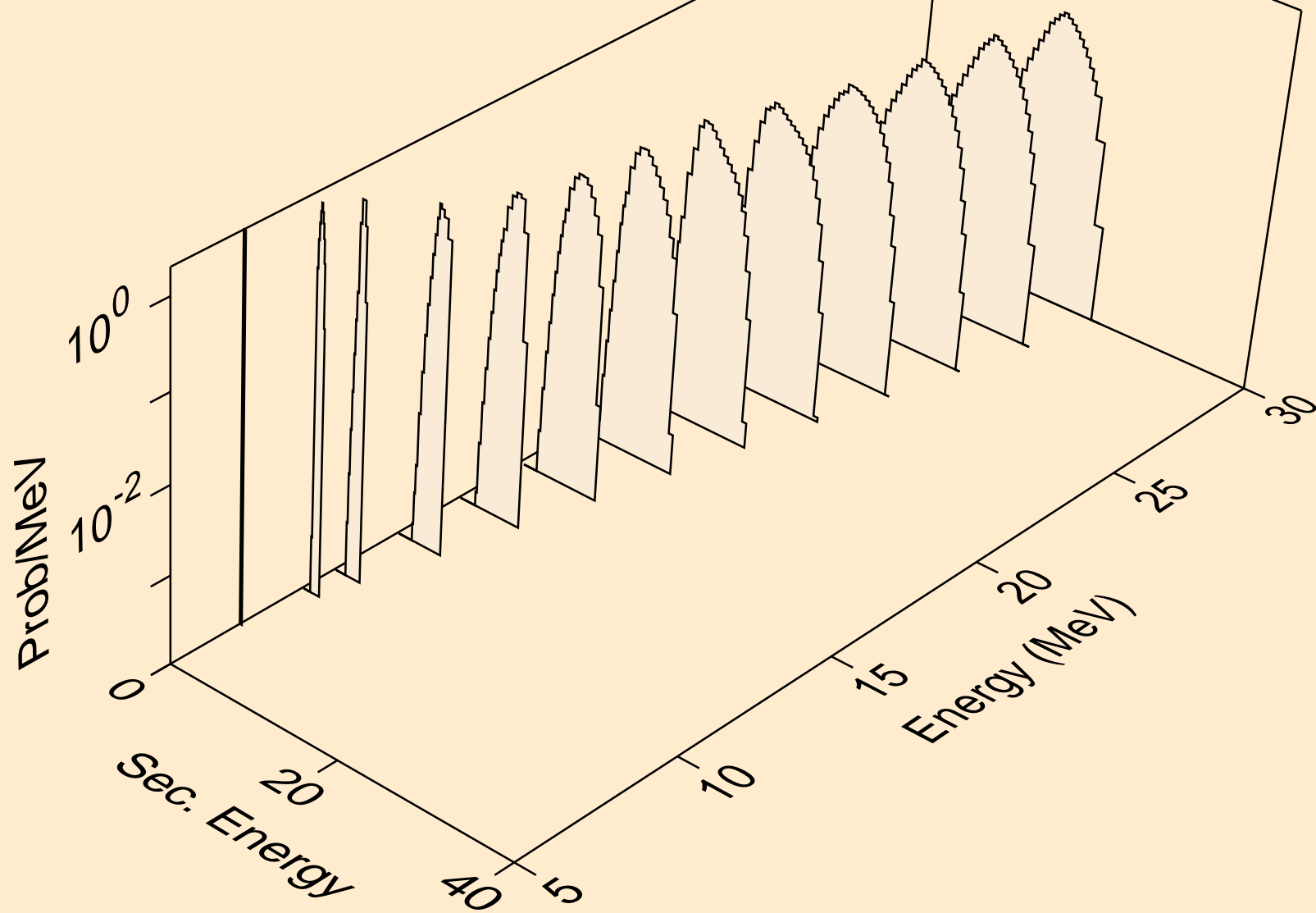
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



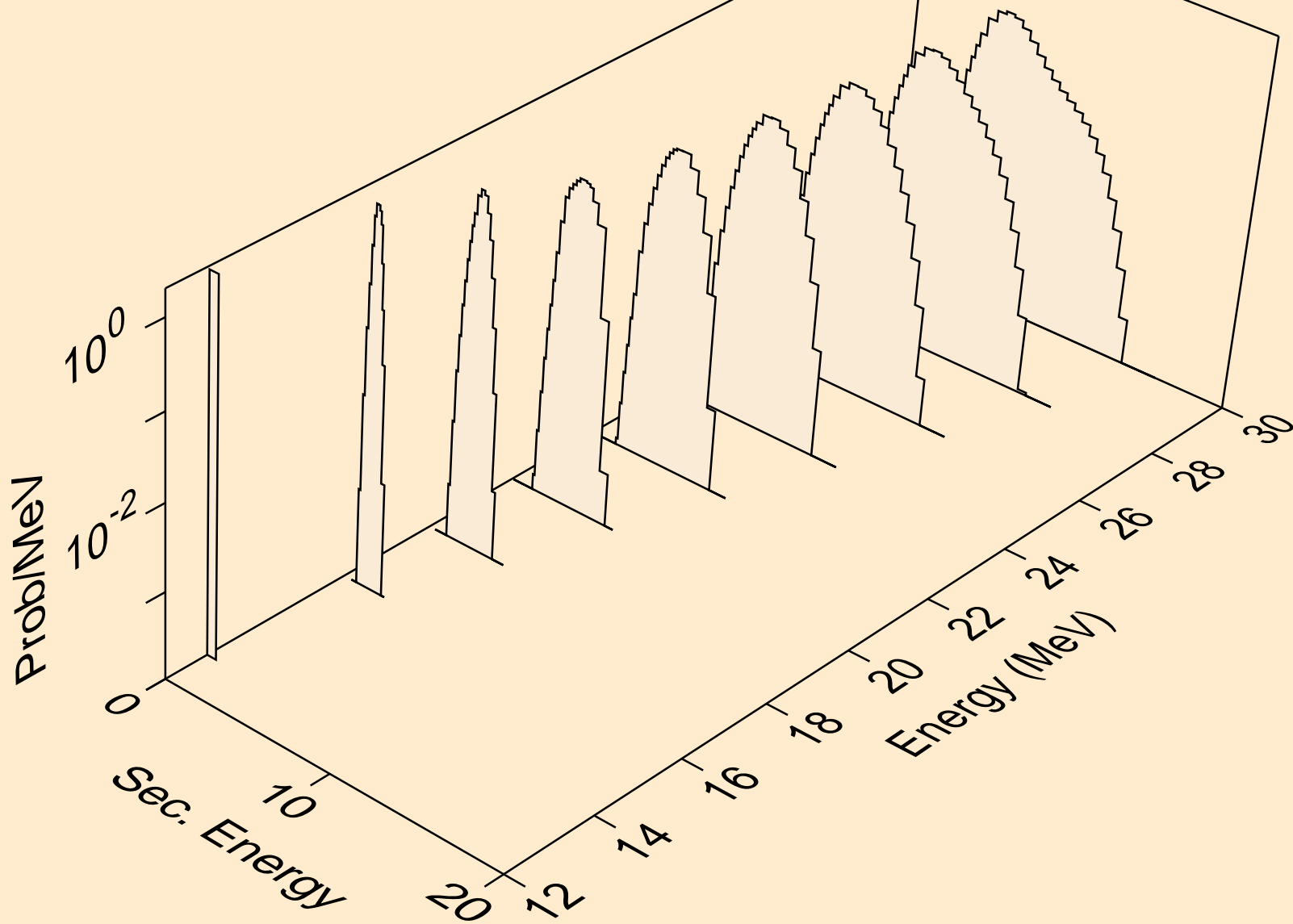
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)

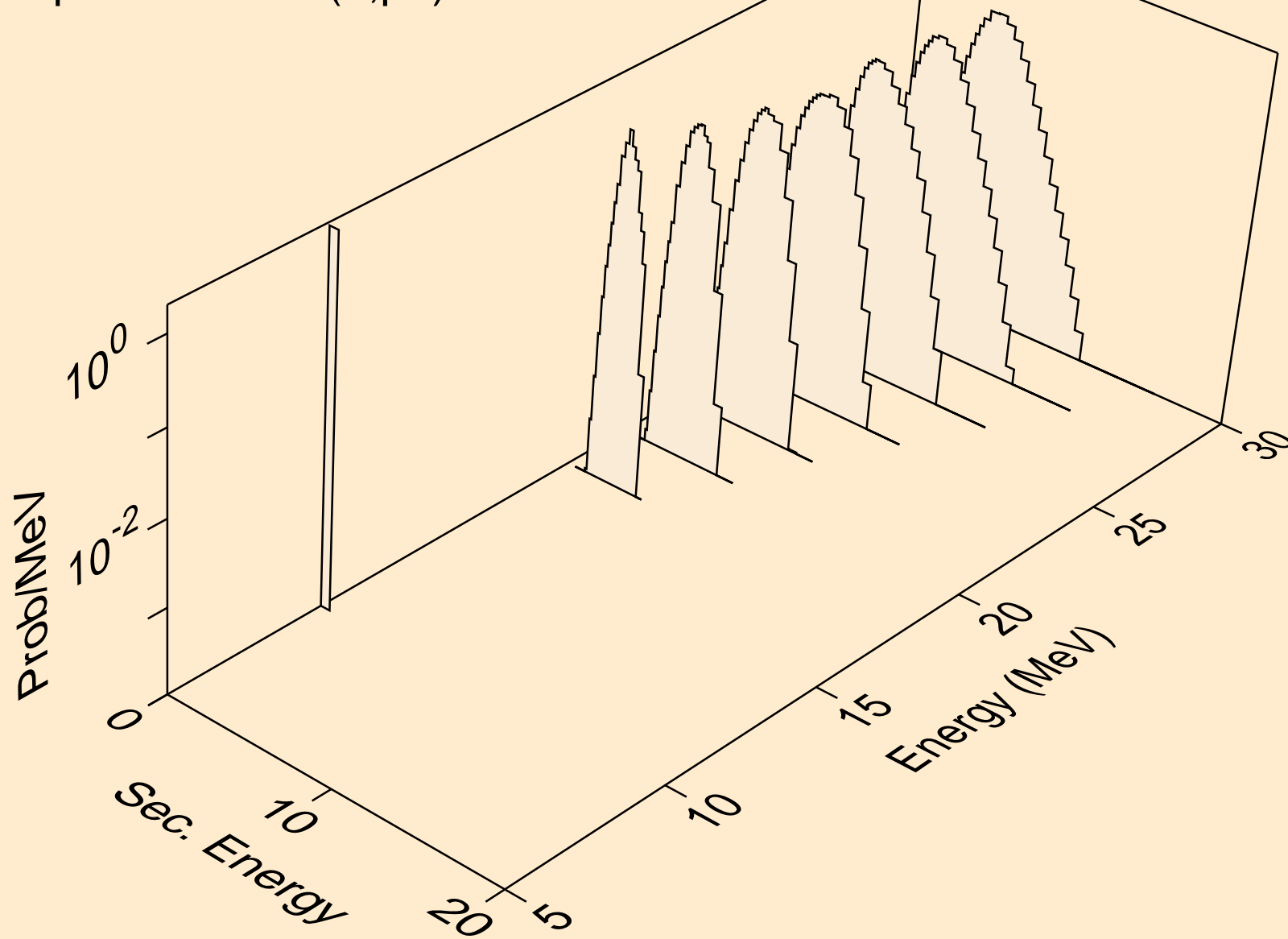


SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)

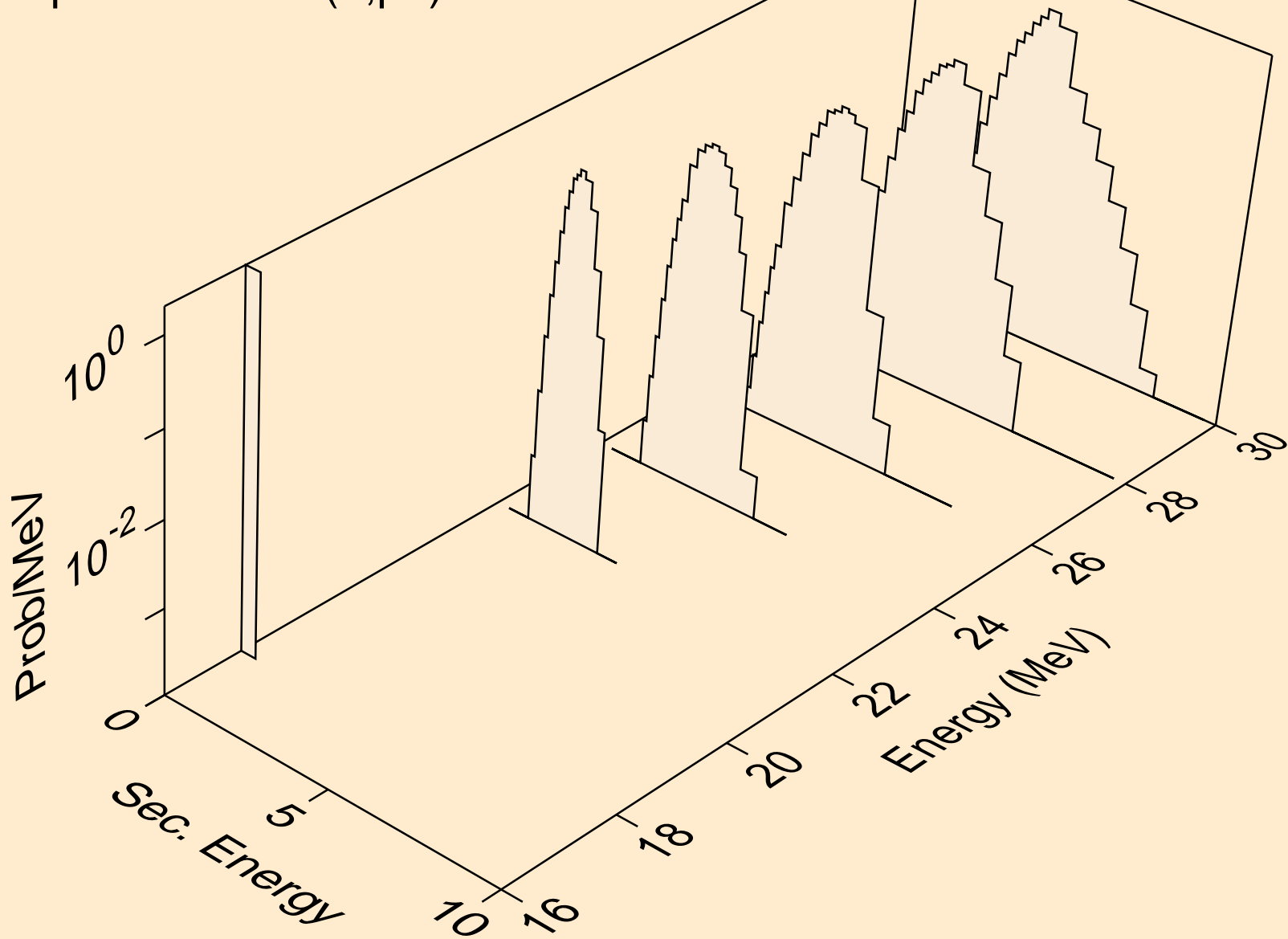




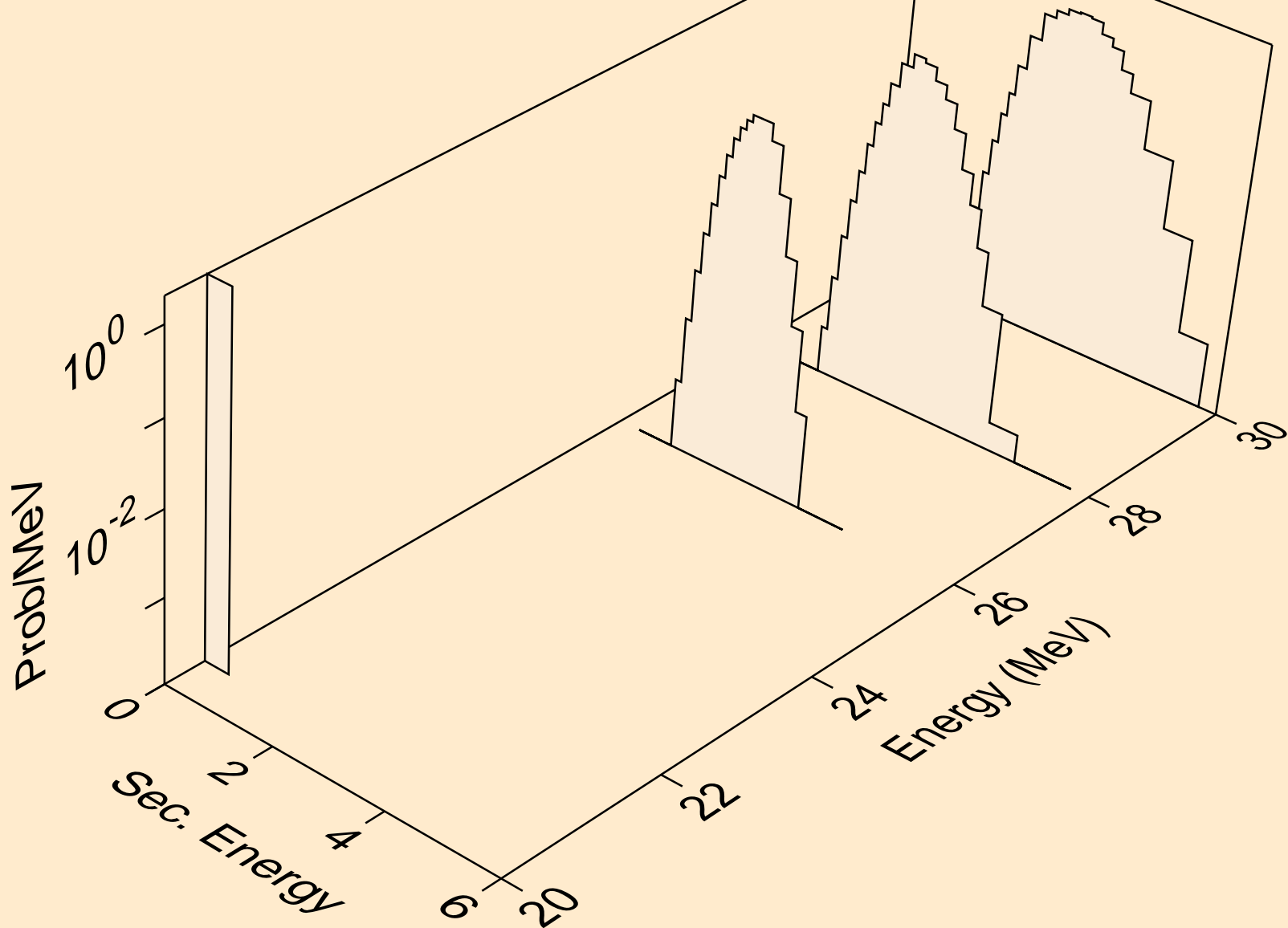
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



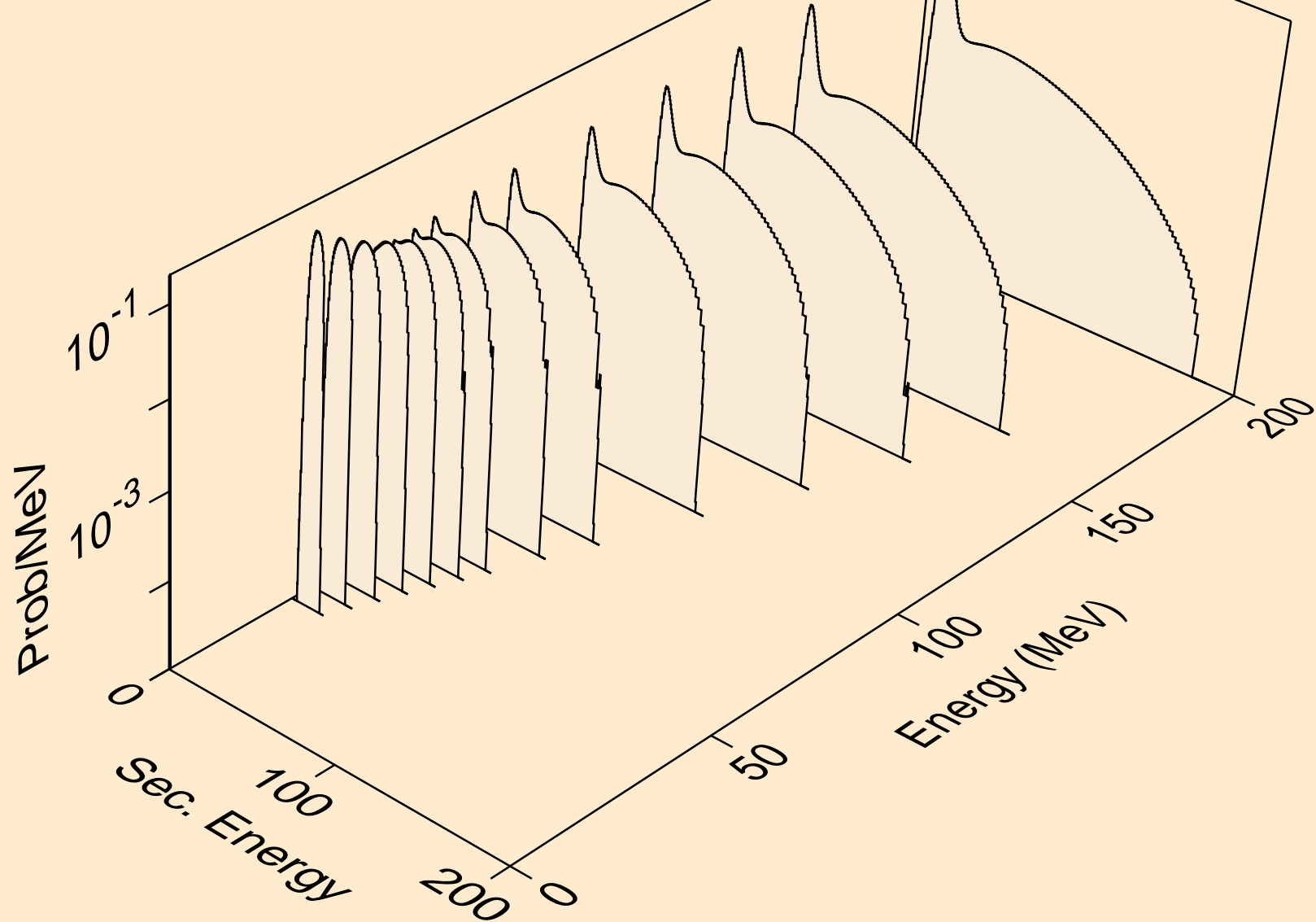
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)



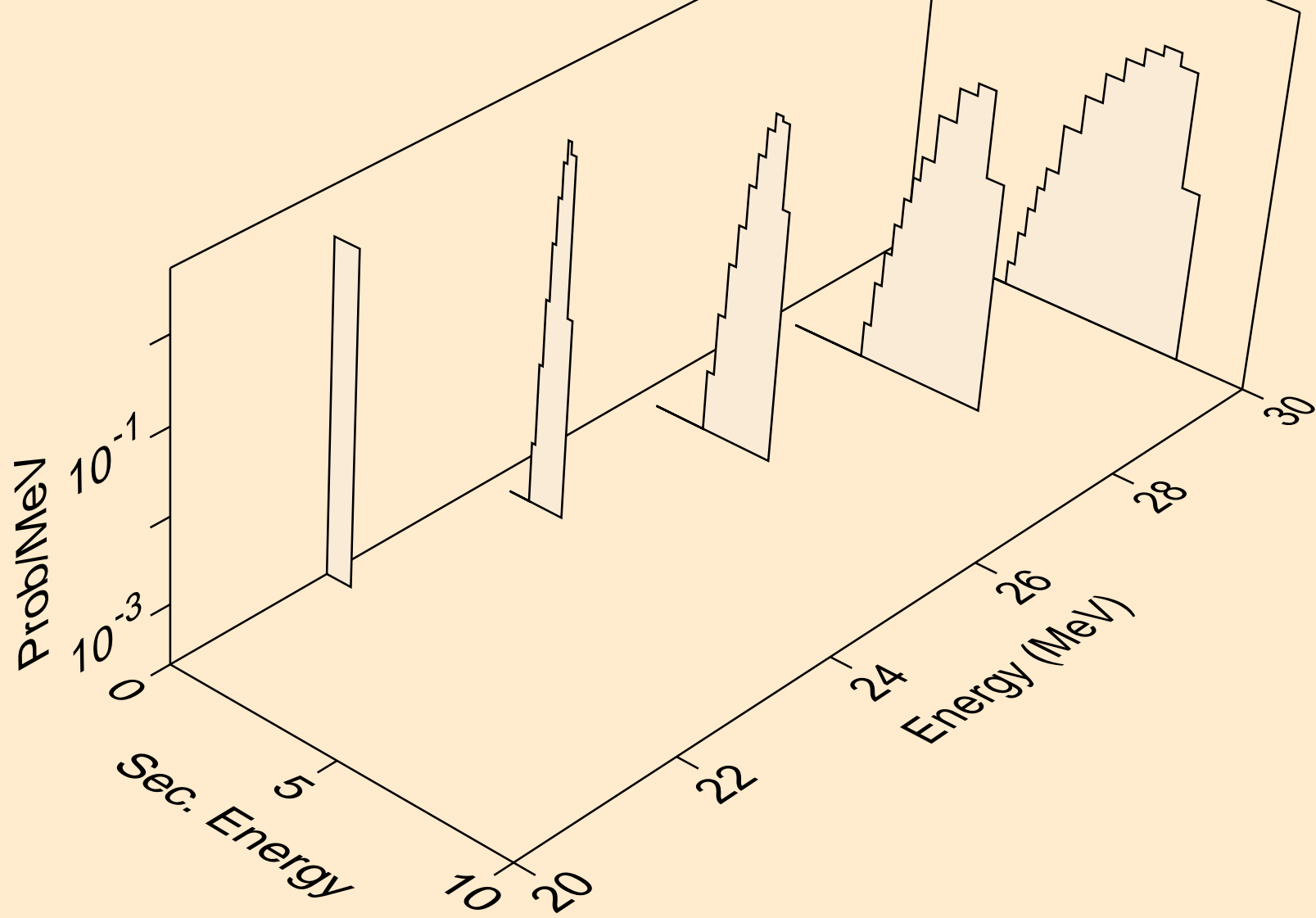
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pt)



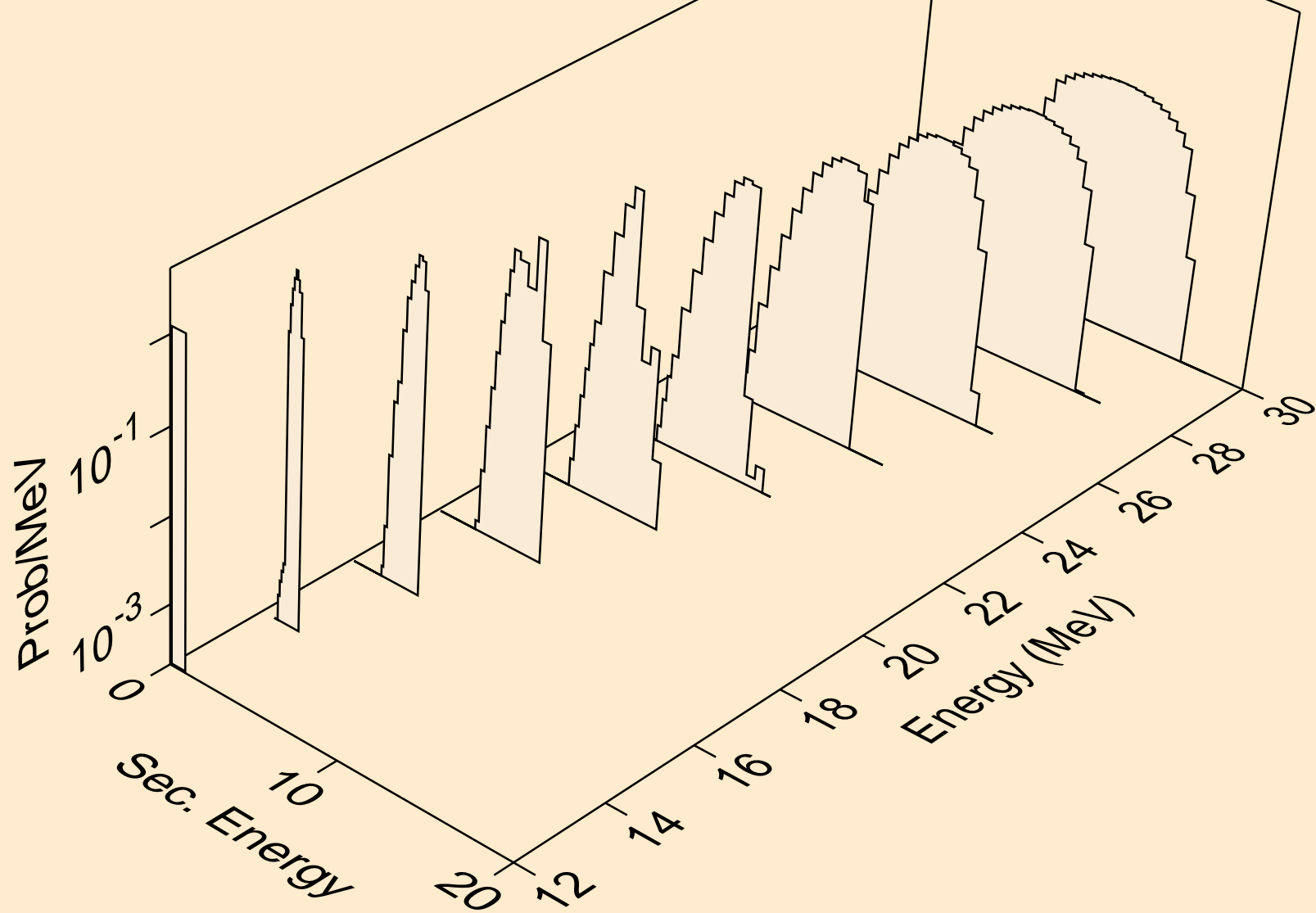
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



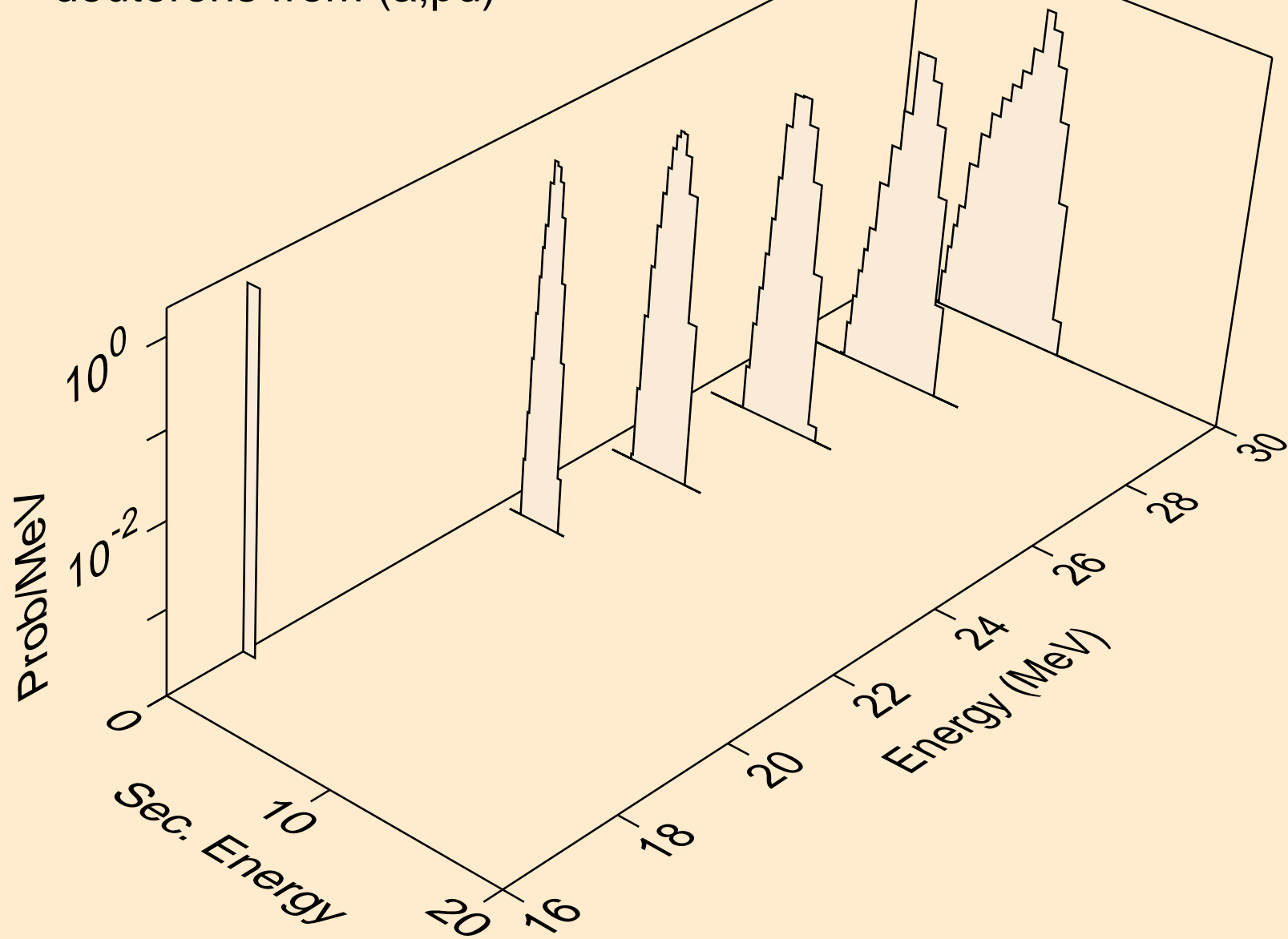
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



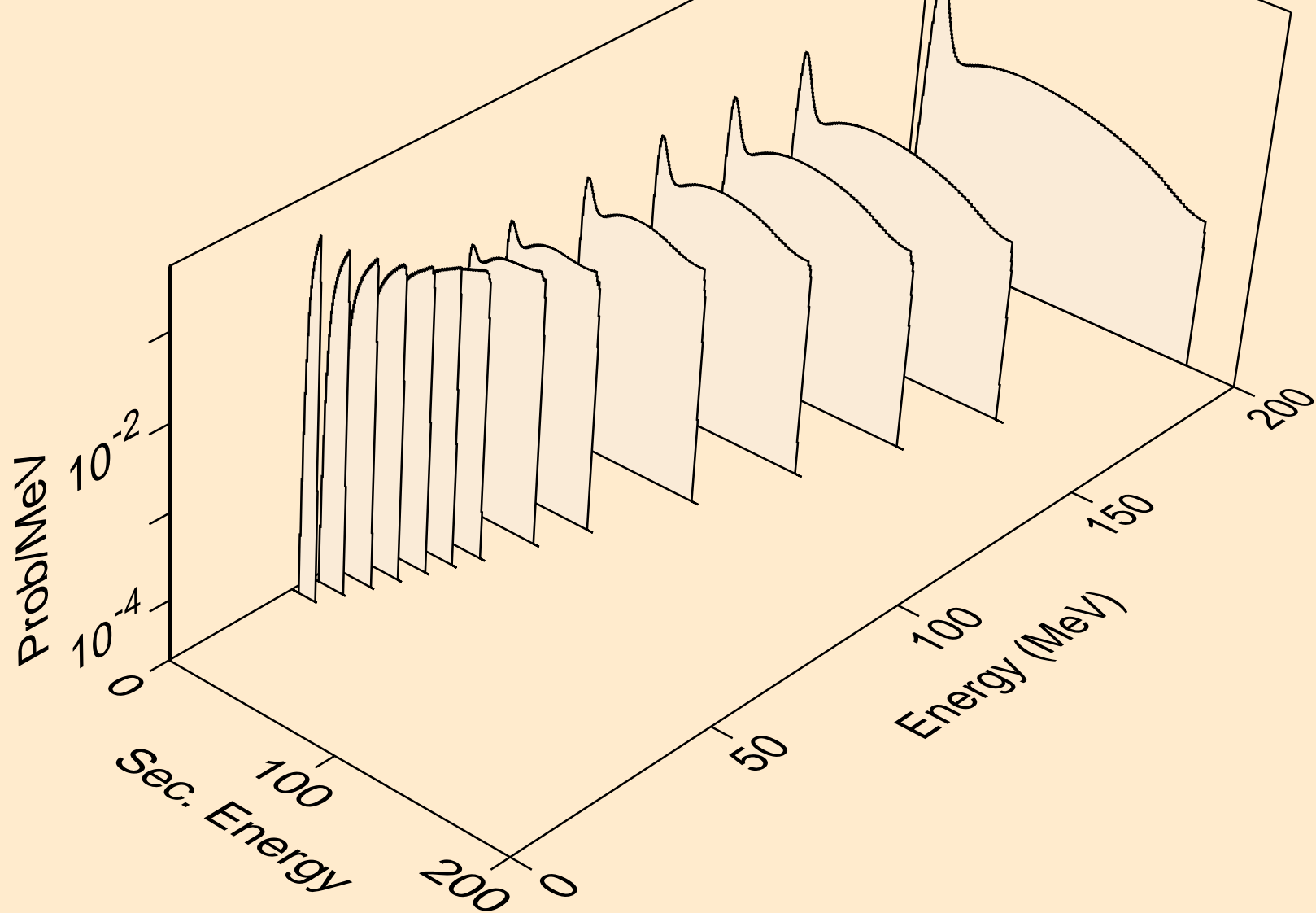
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)

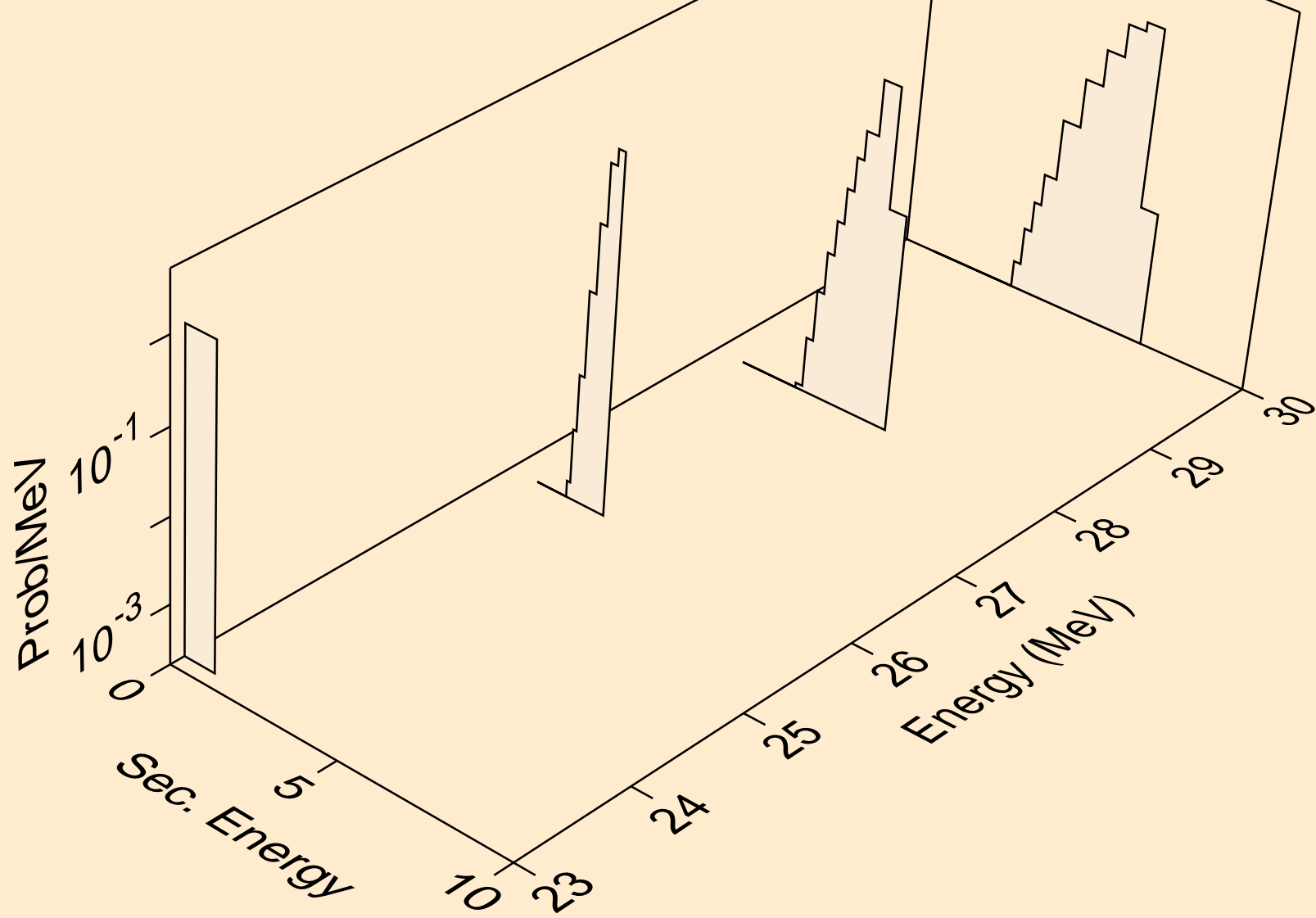


SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)

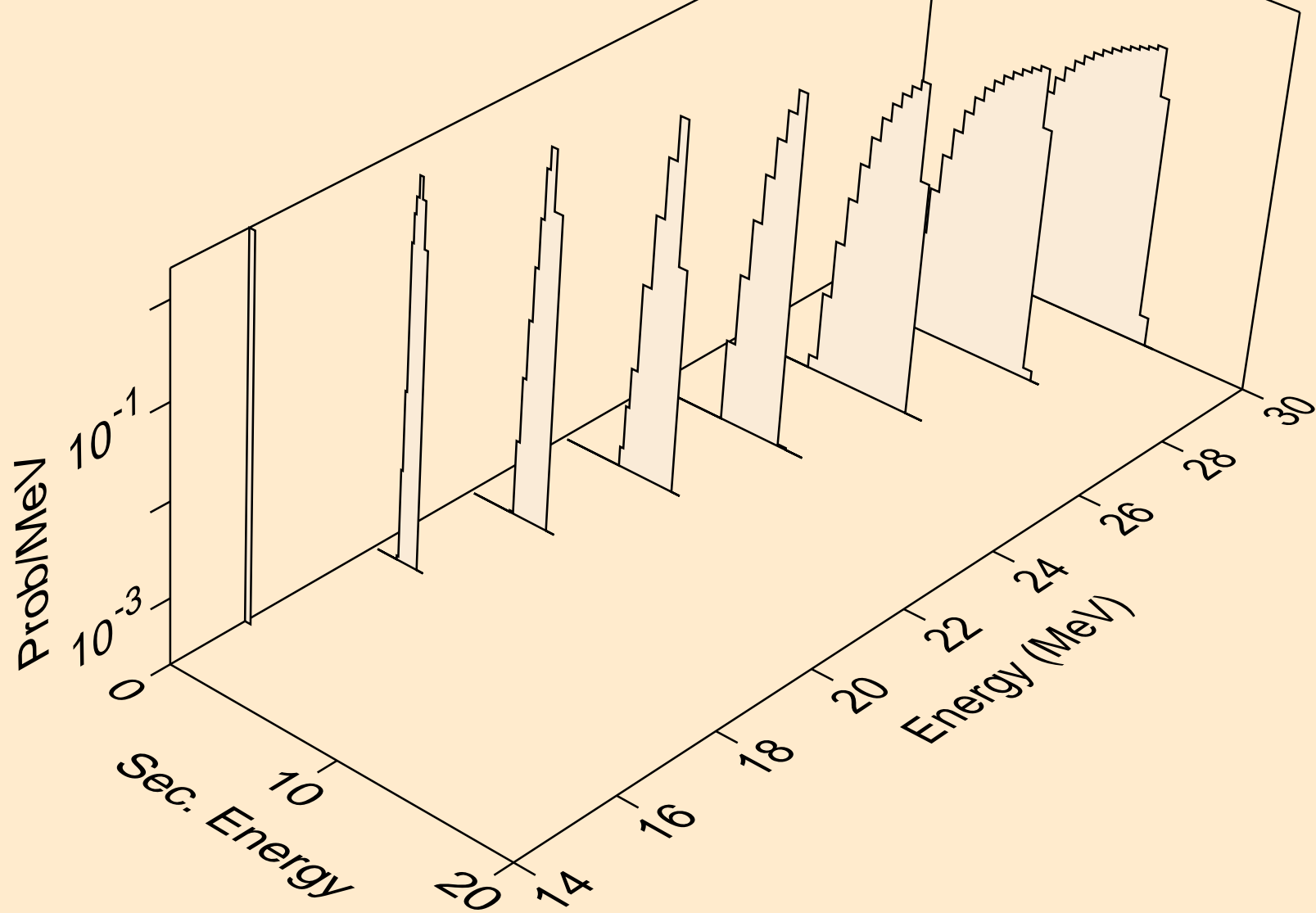




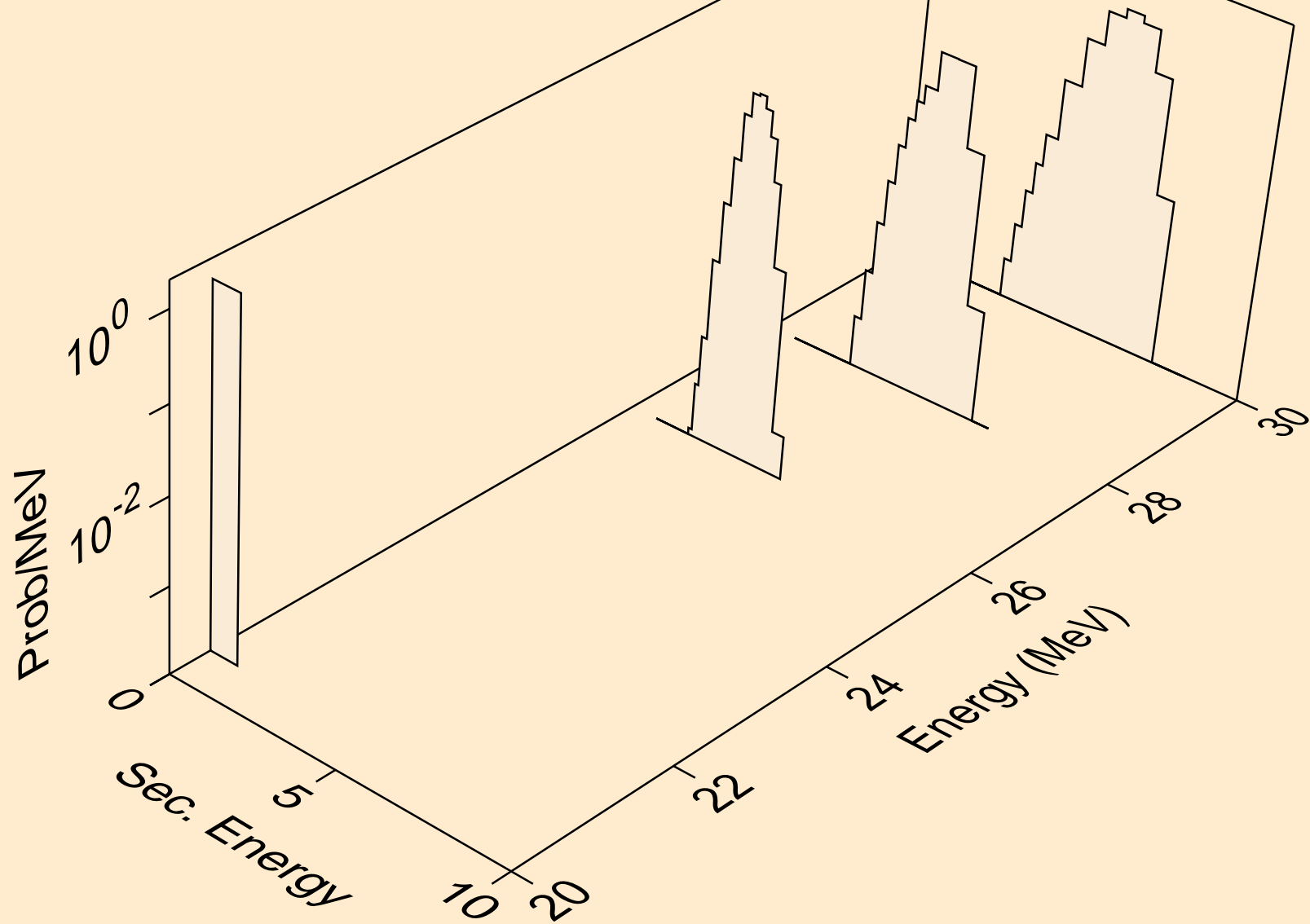
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



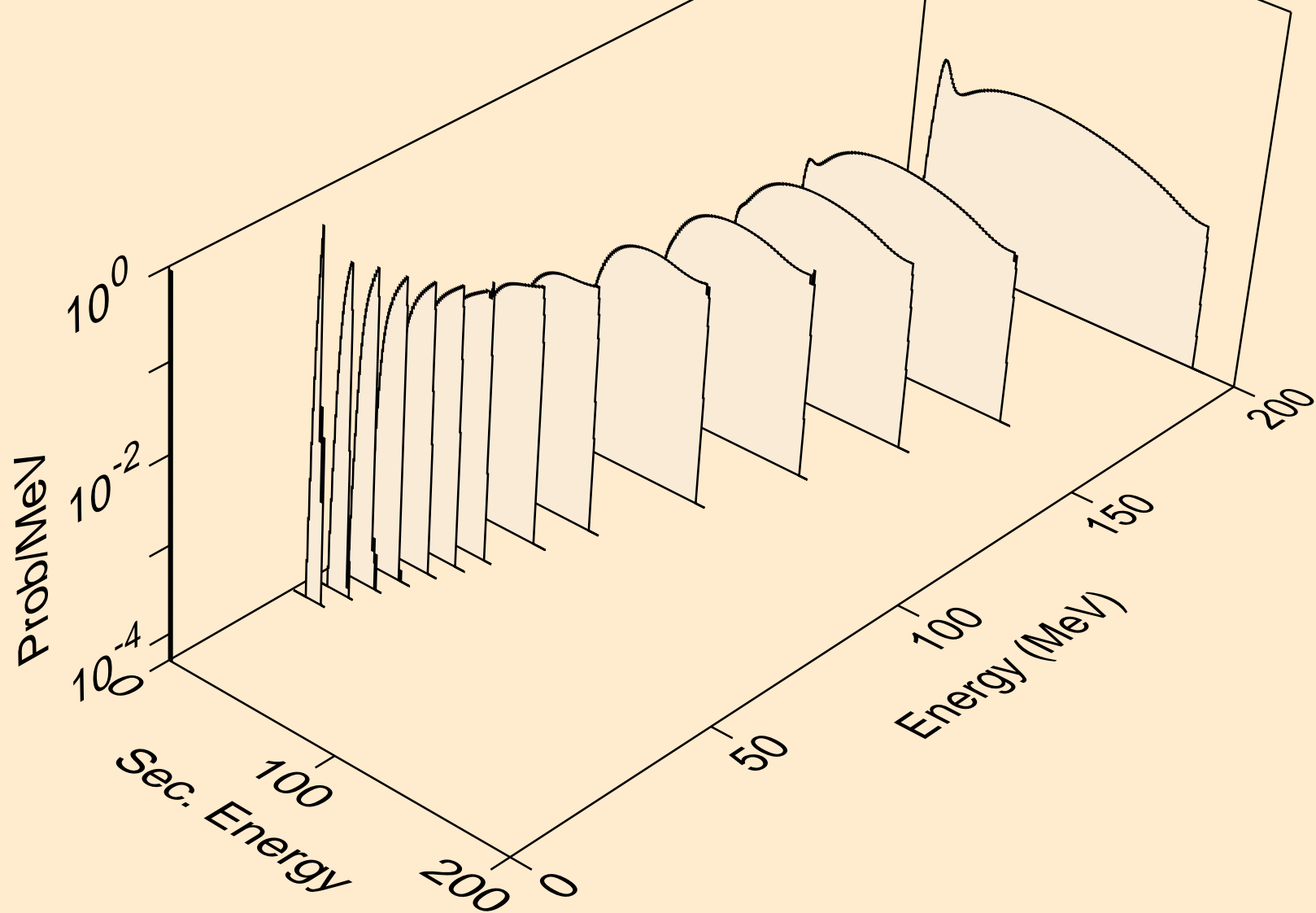
SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)



SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



SN117 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

