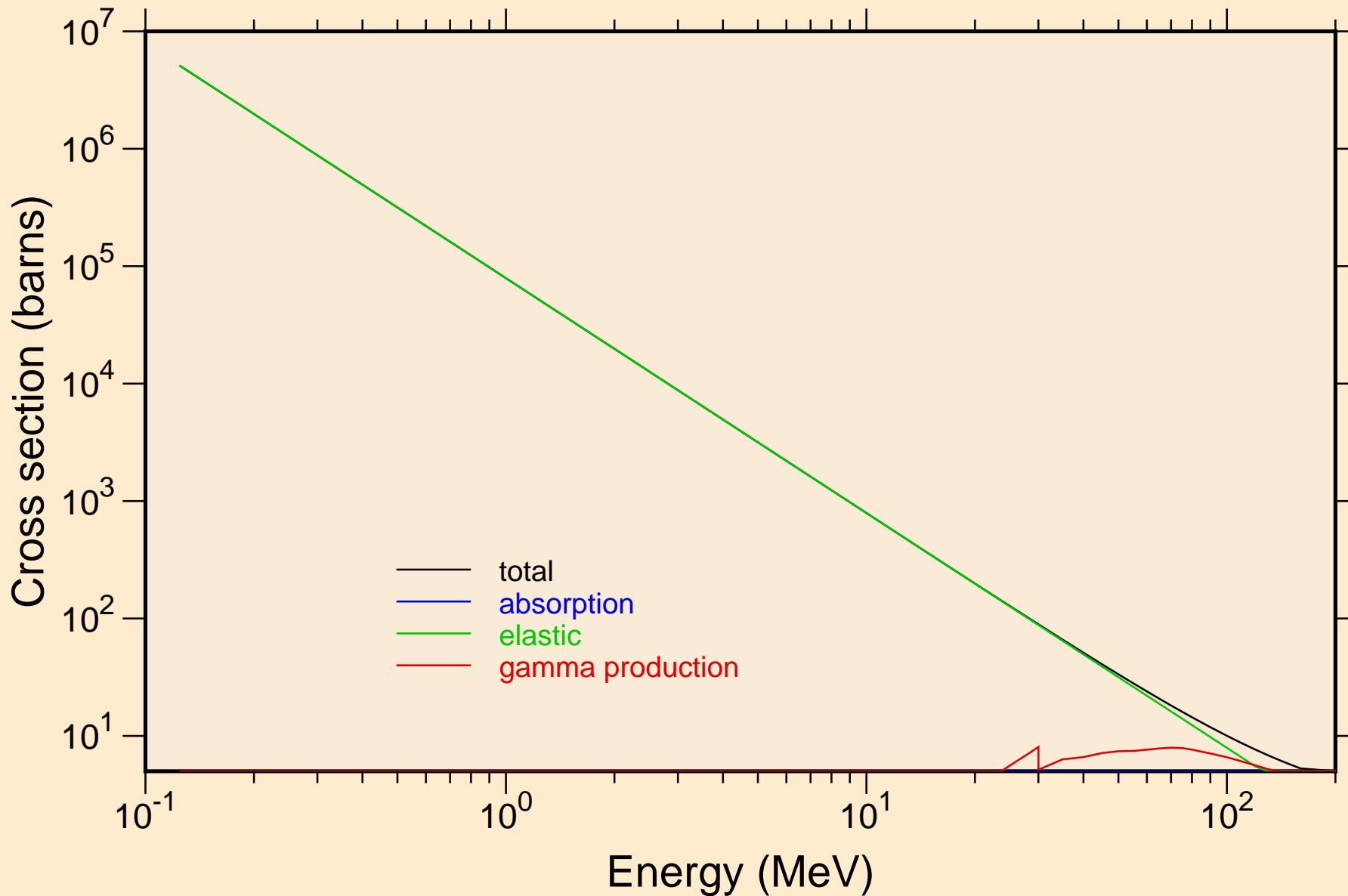


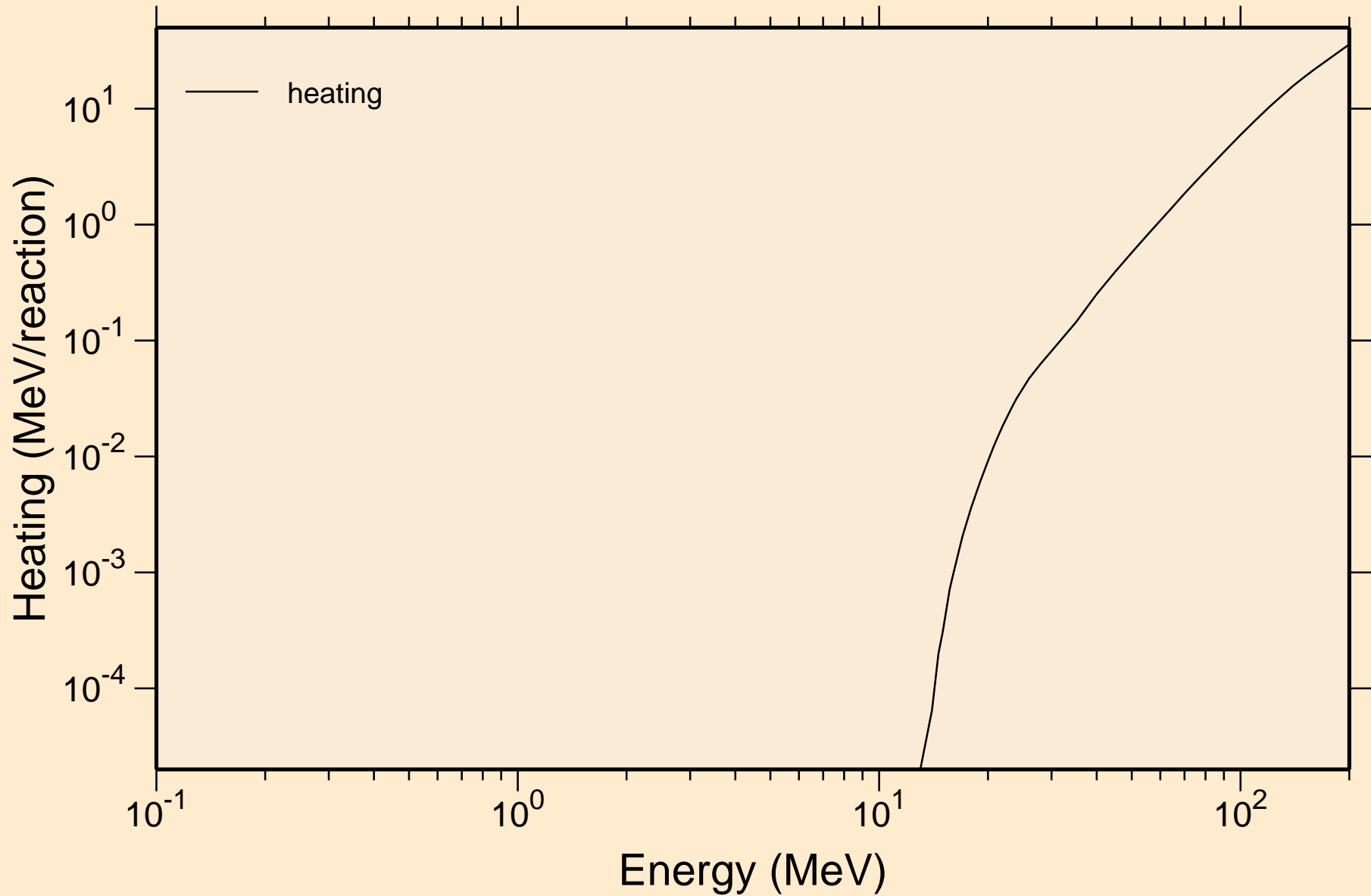
# CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



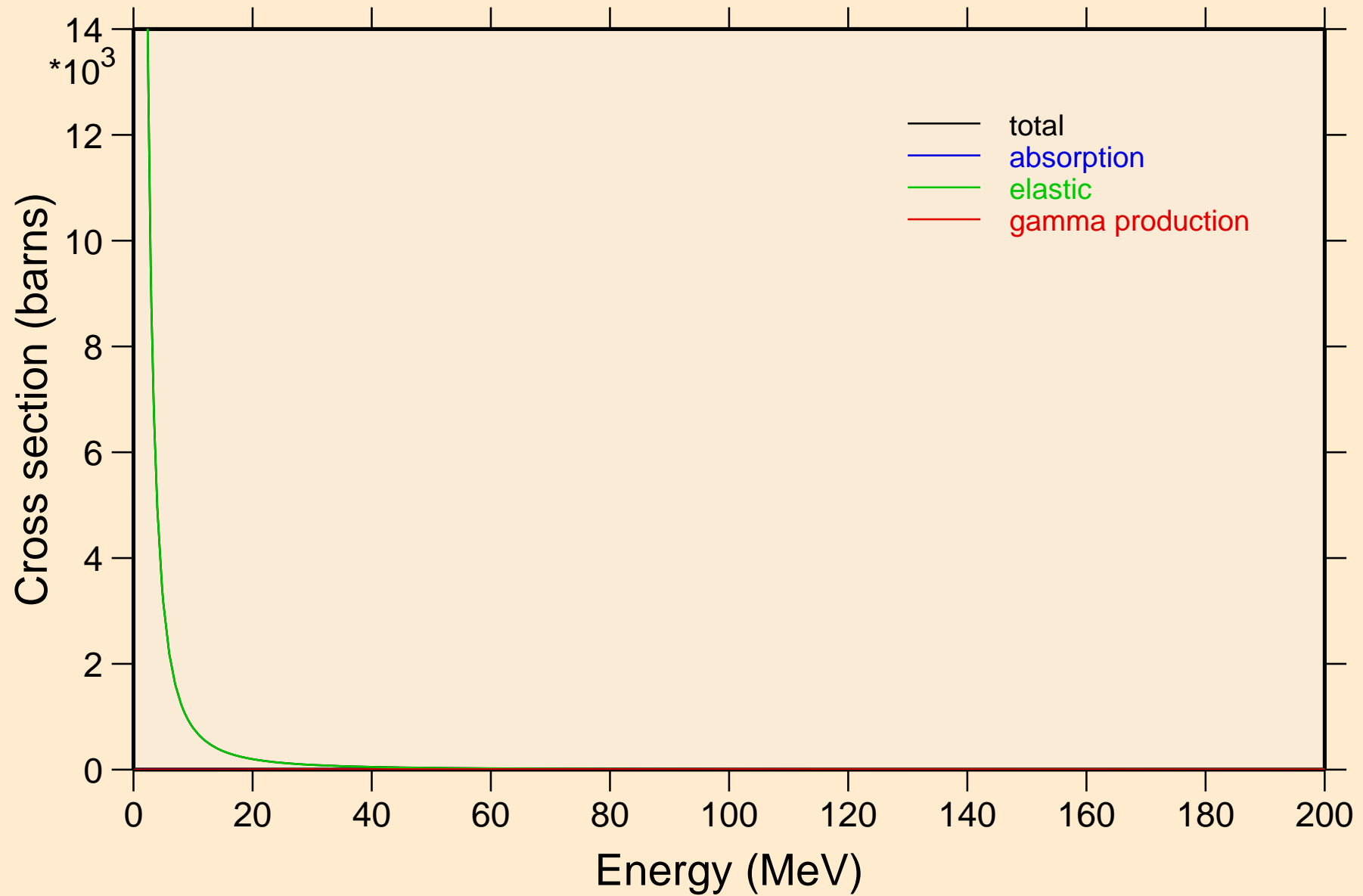
# CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Heating



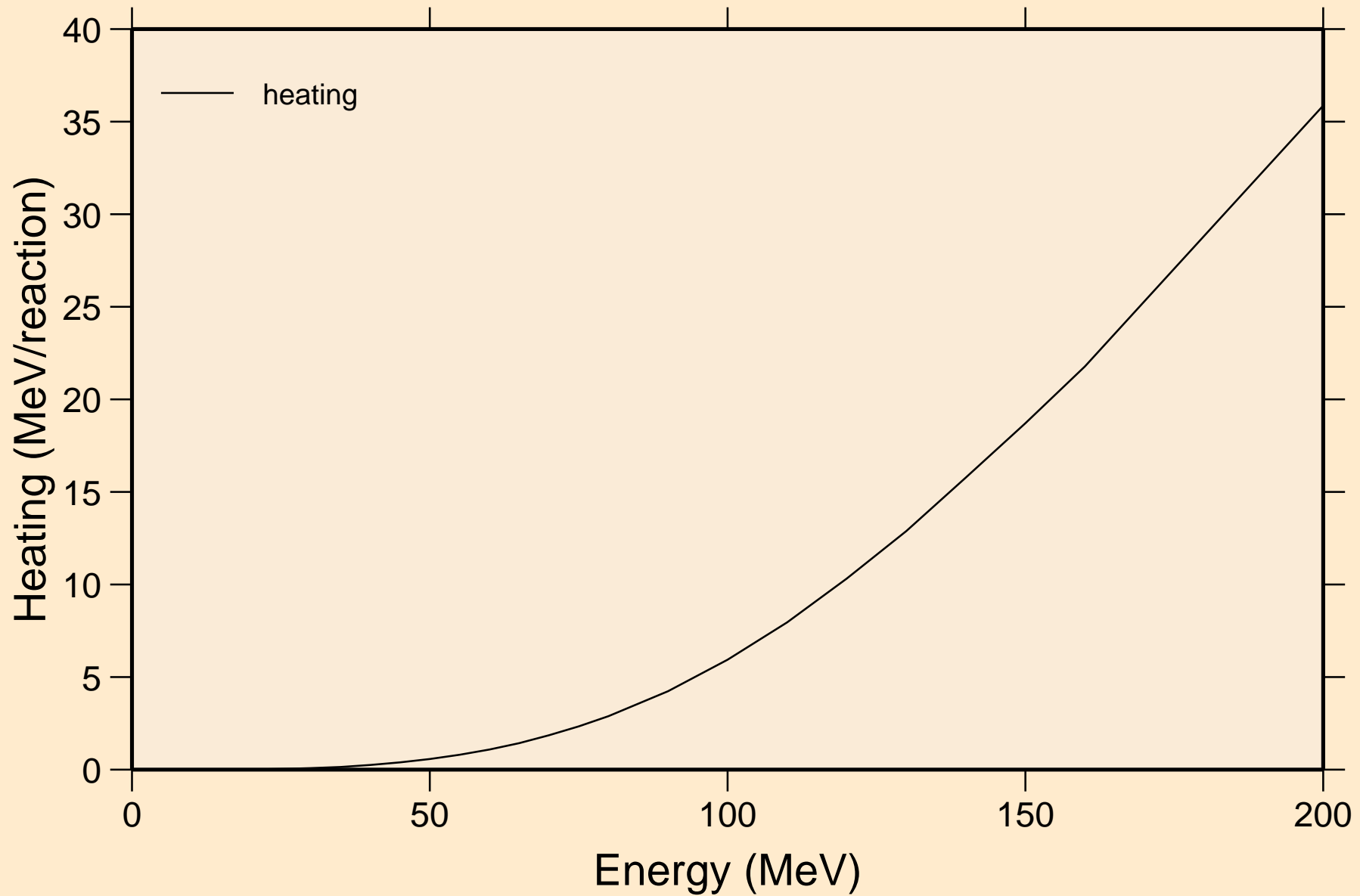
# CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



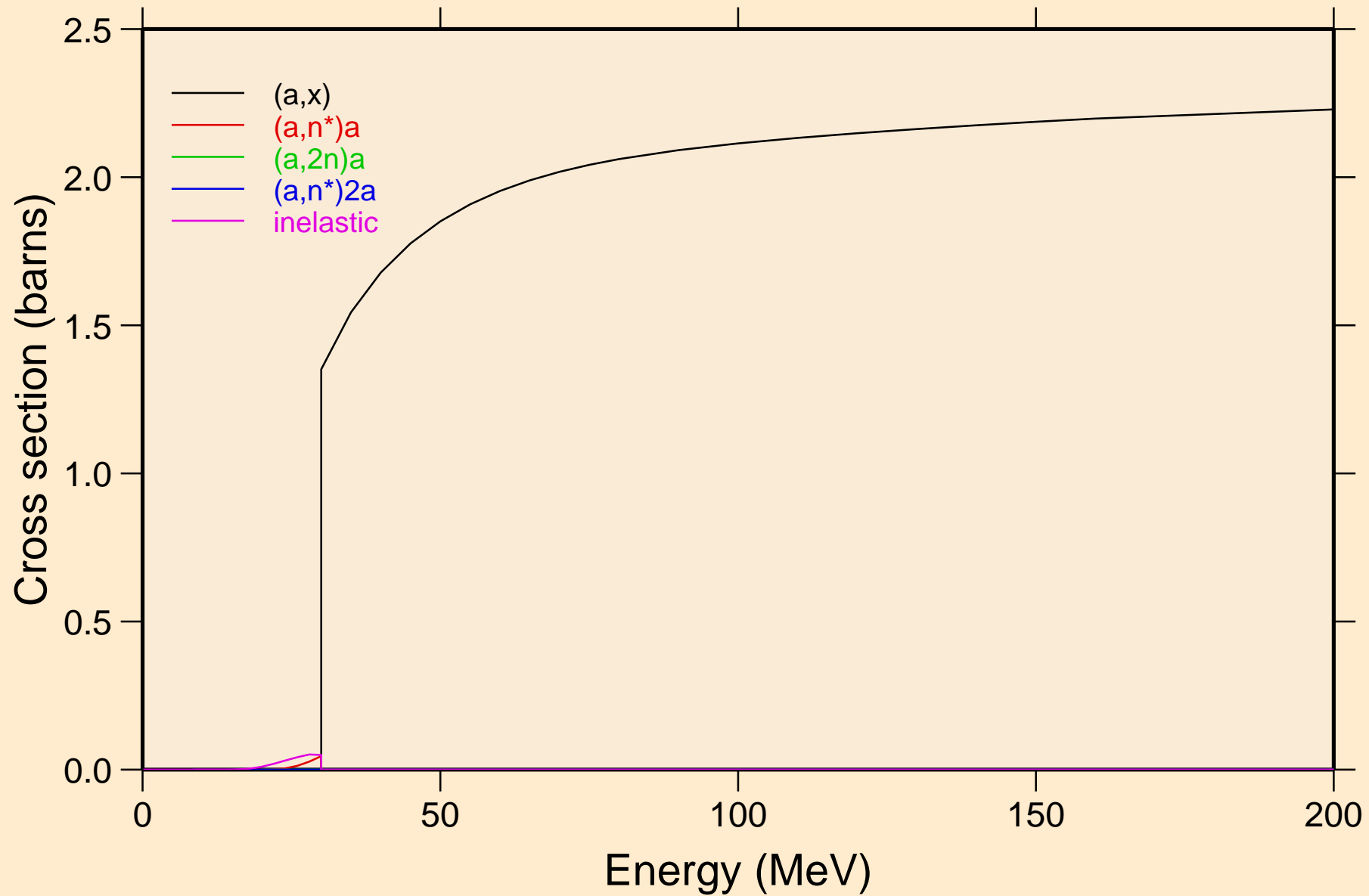
# CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Heating

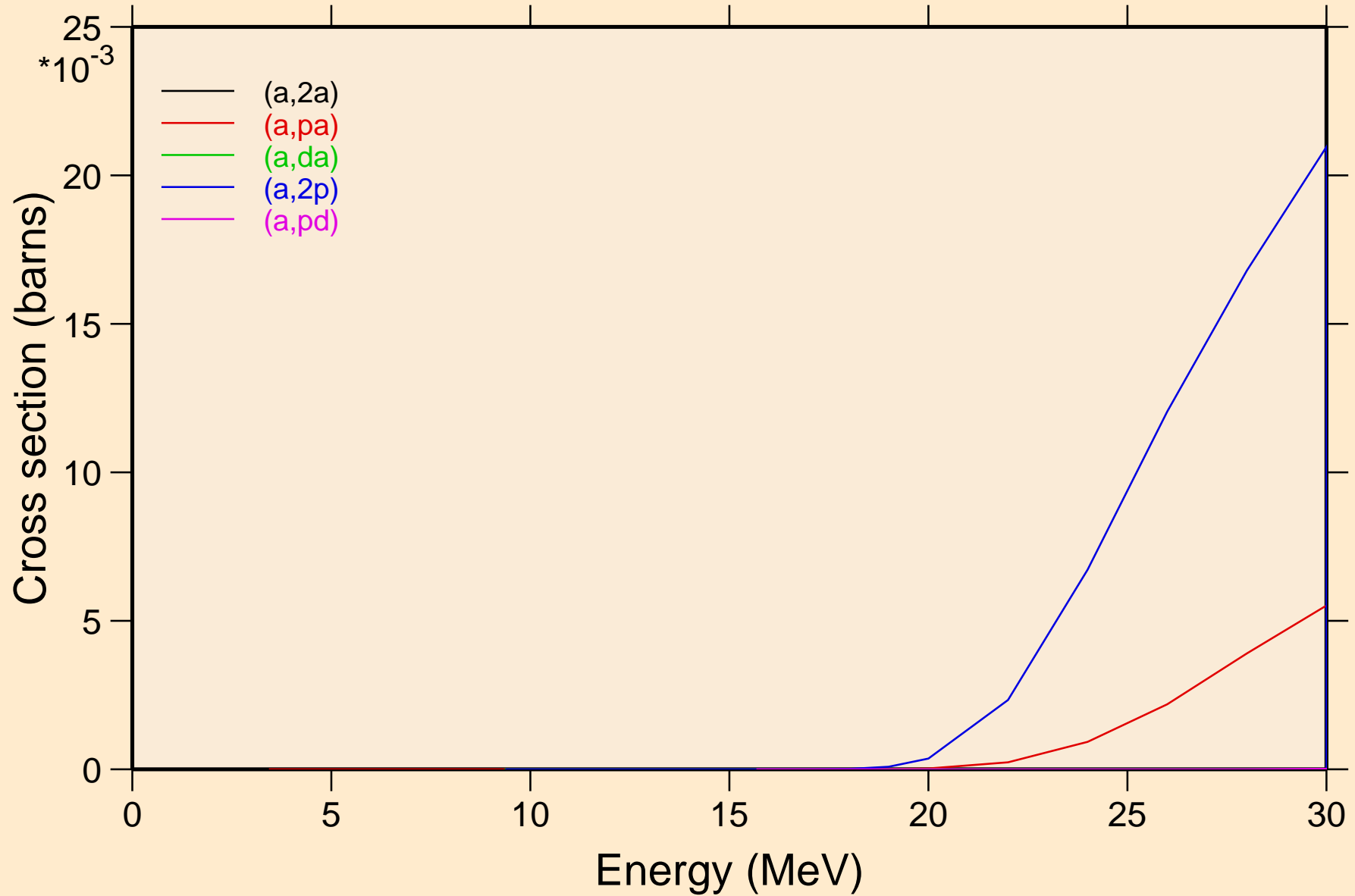


# CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

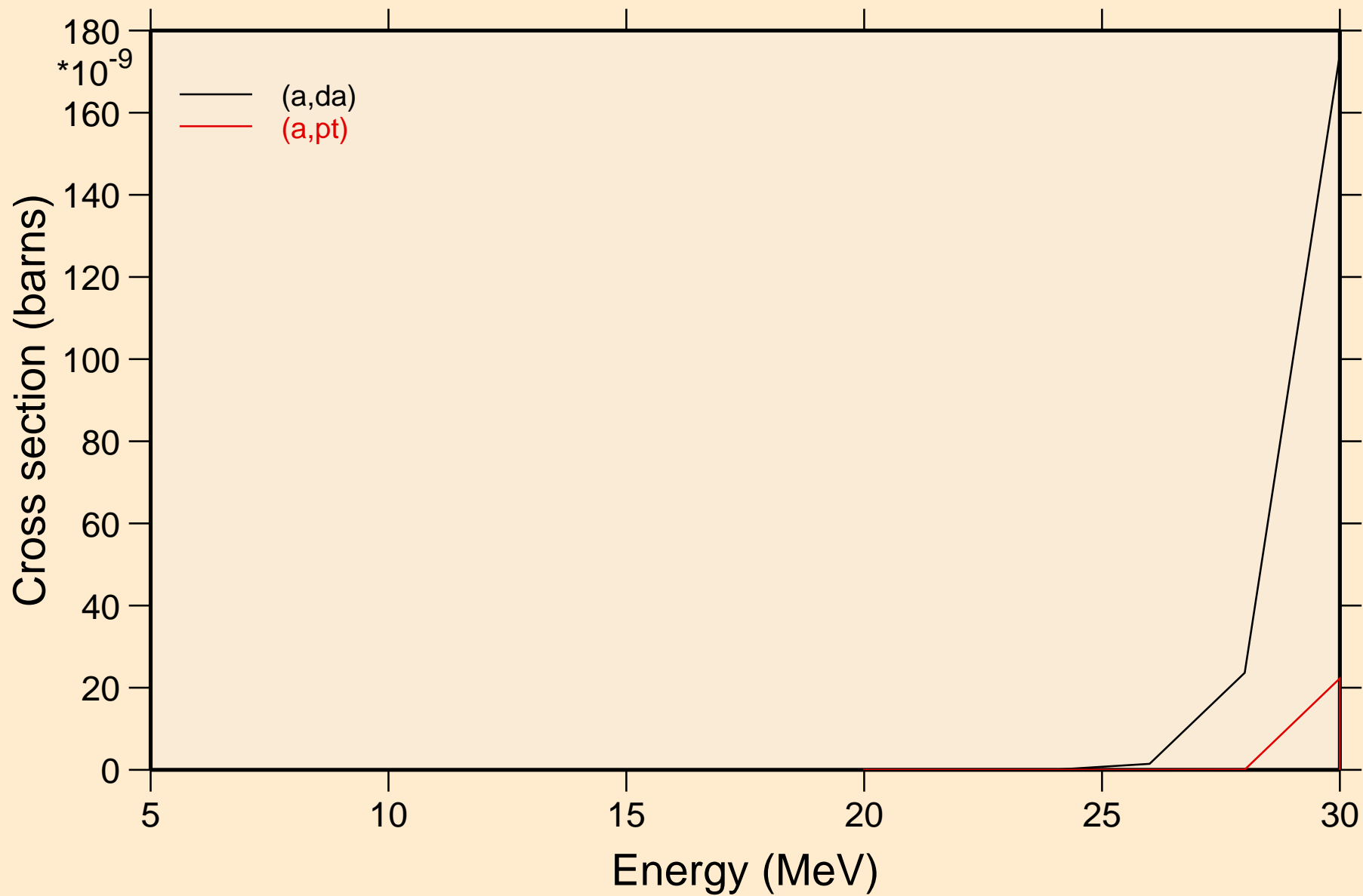


CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

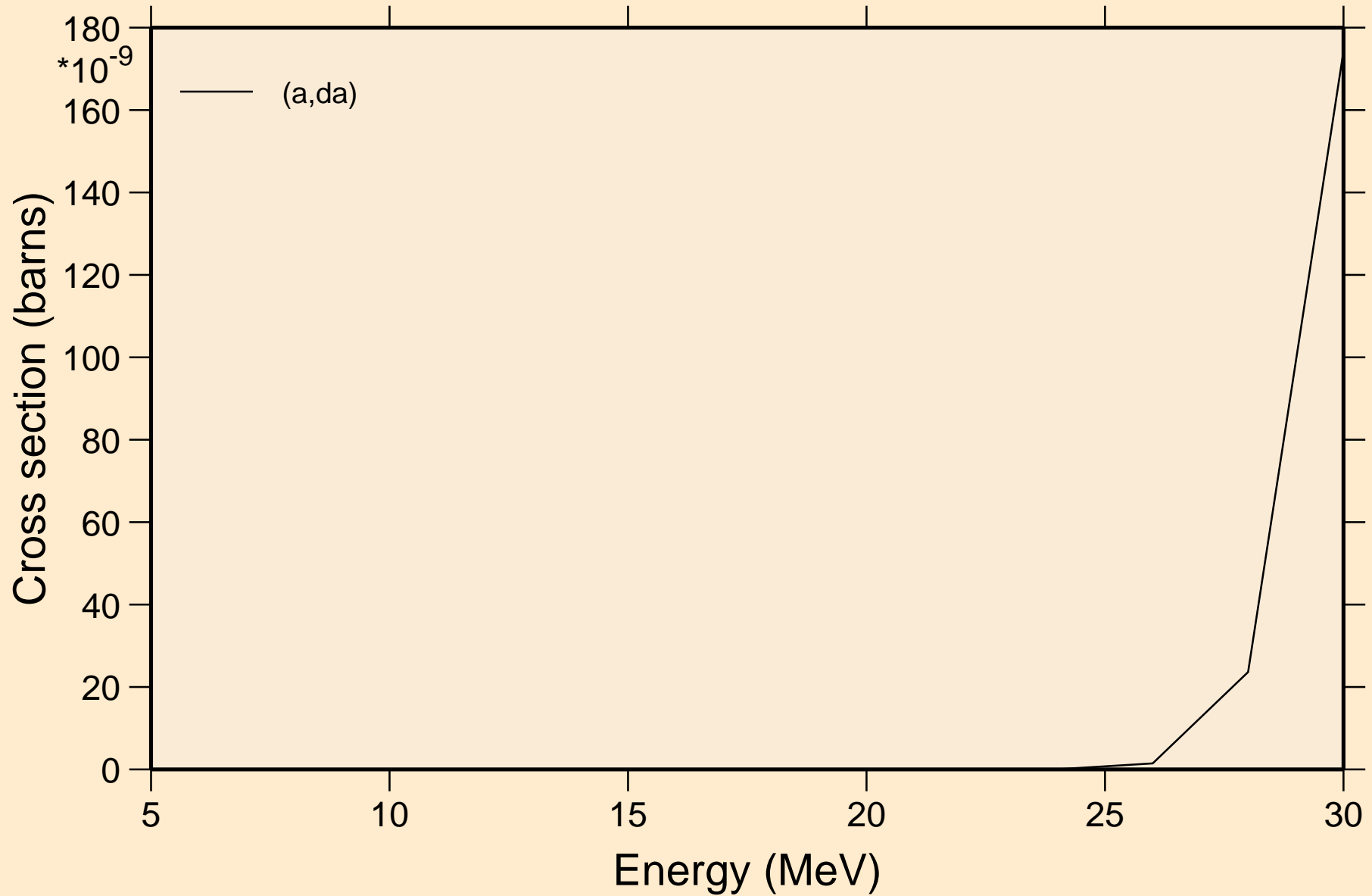


# CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

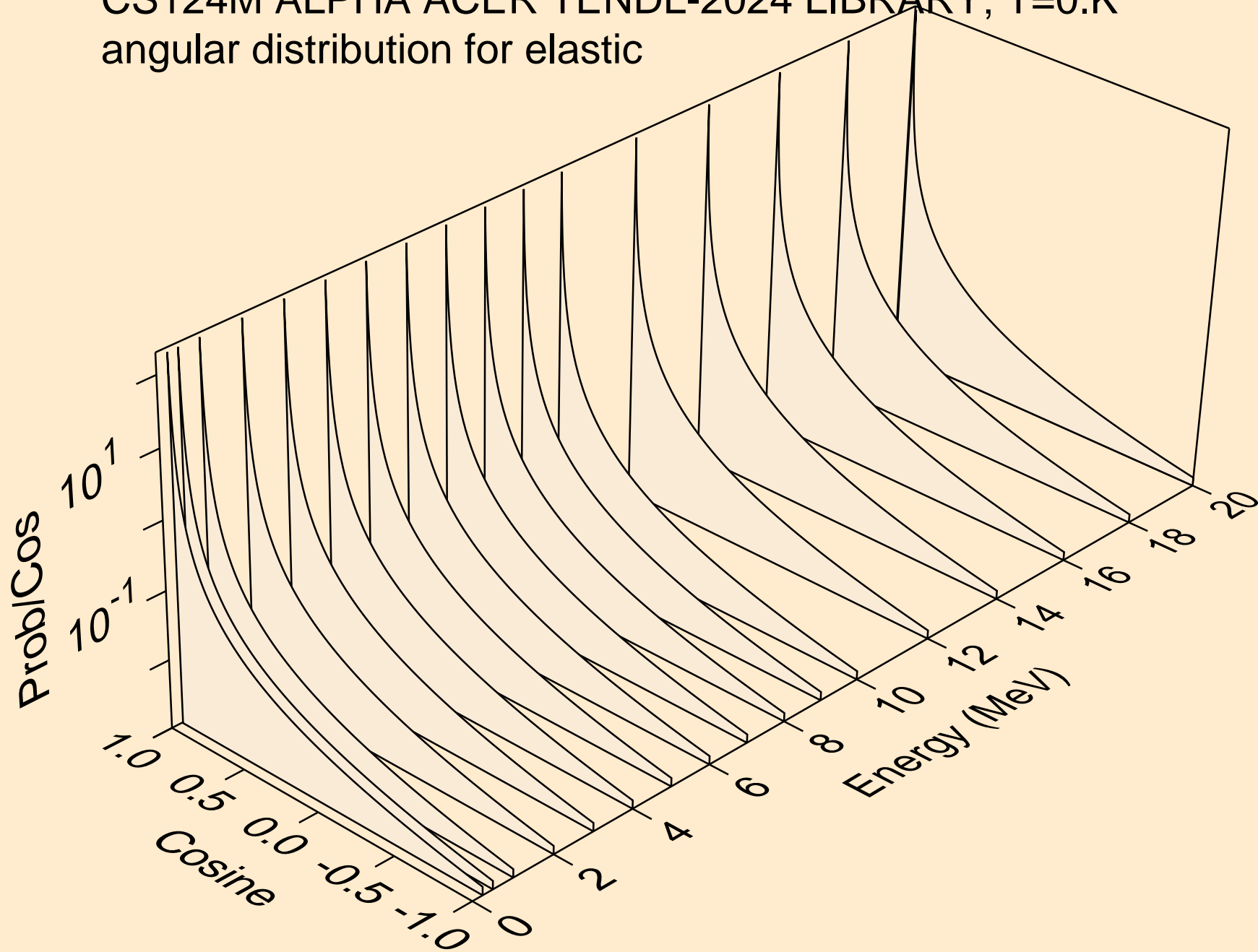
## Threshold reactions



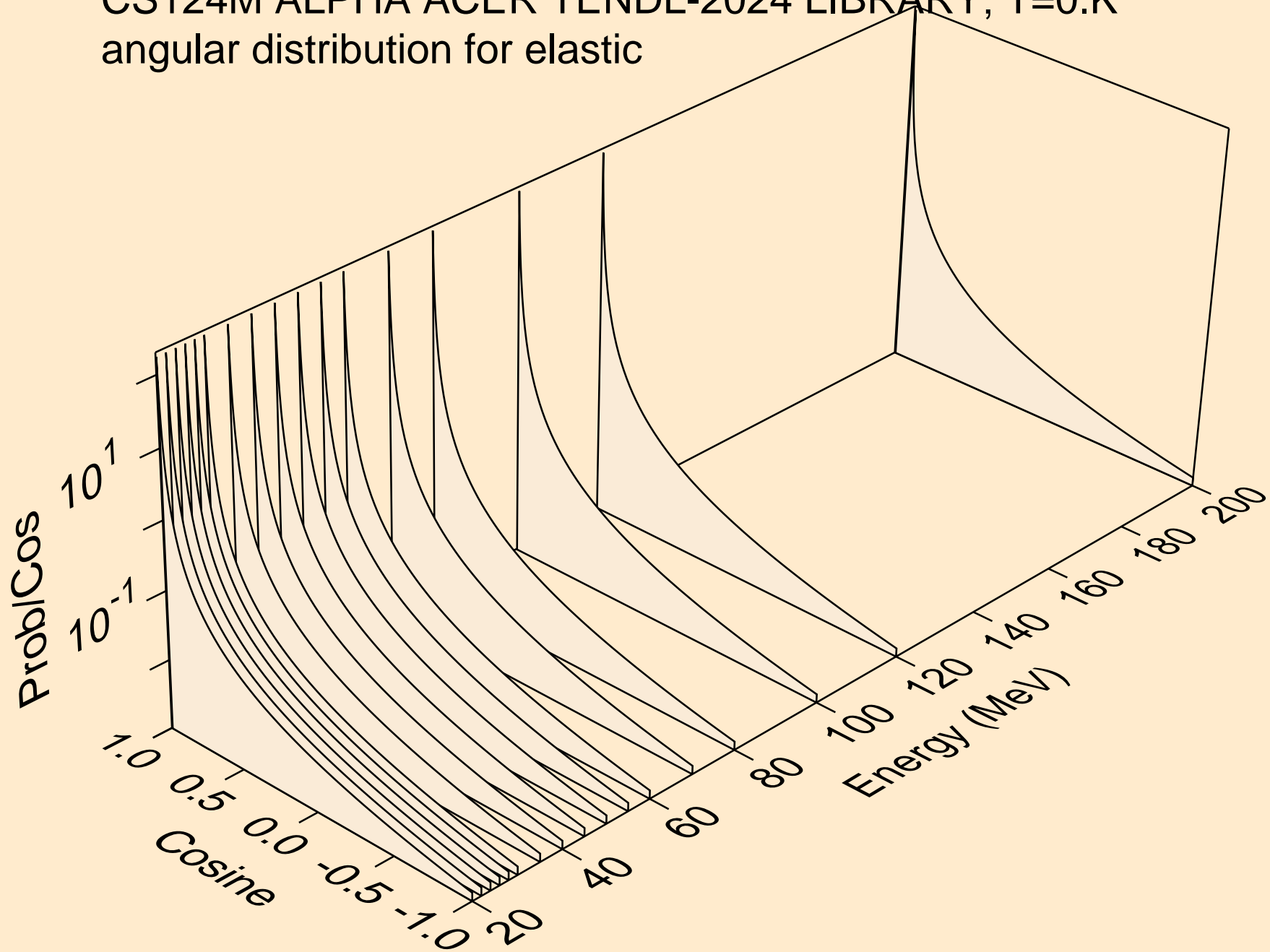
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



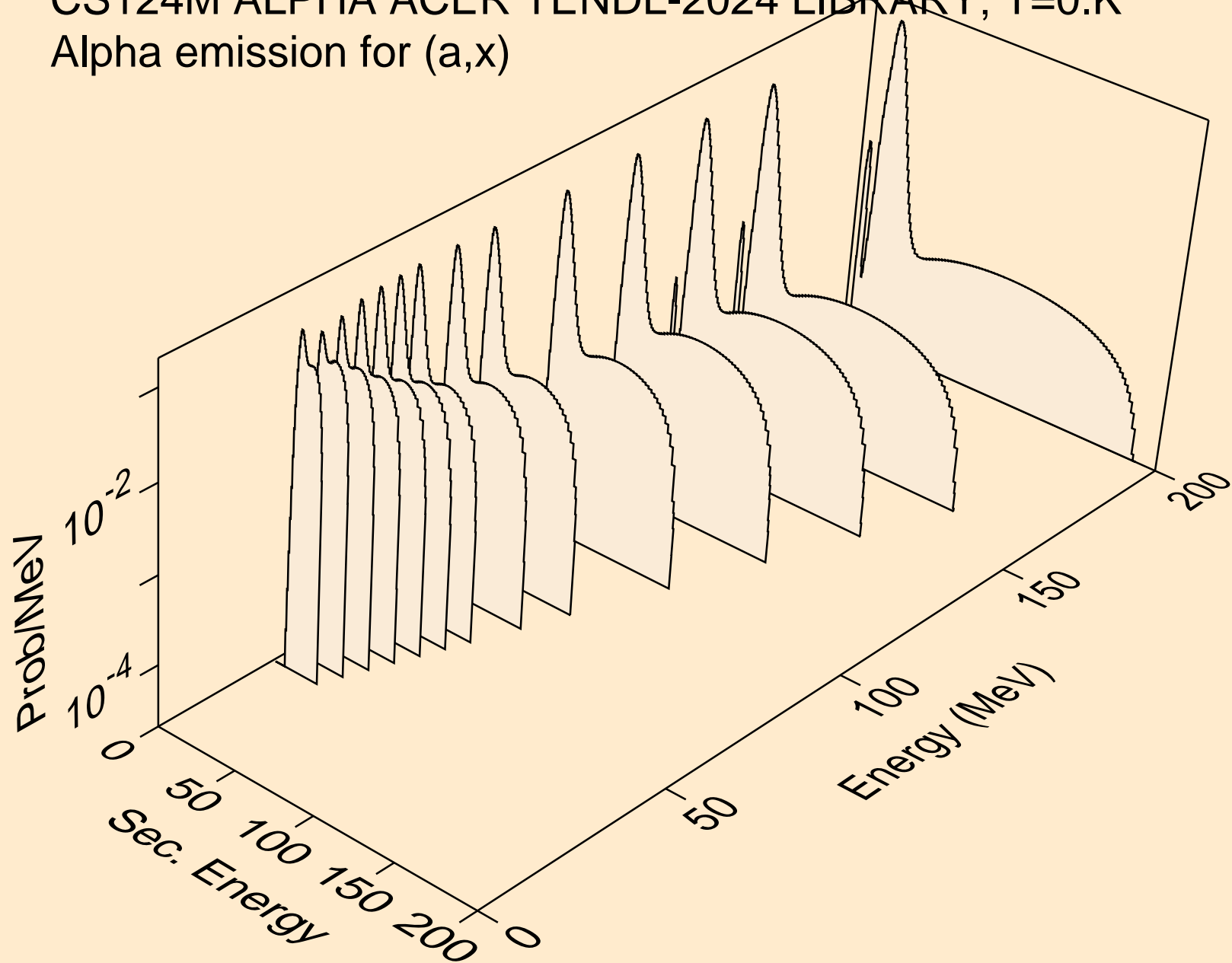
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



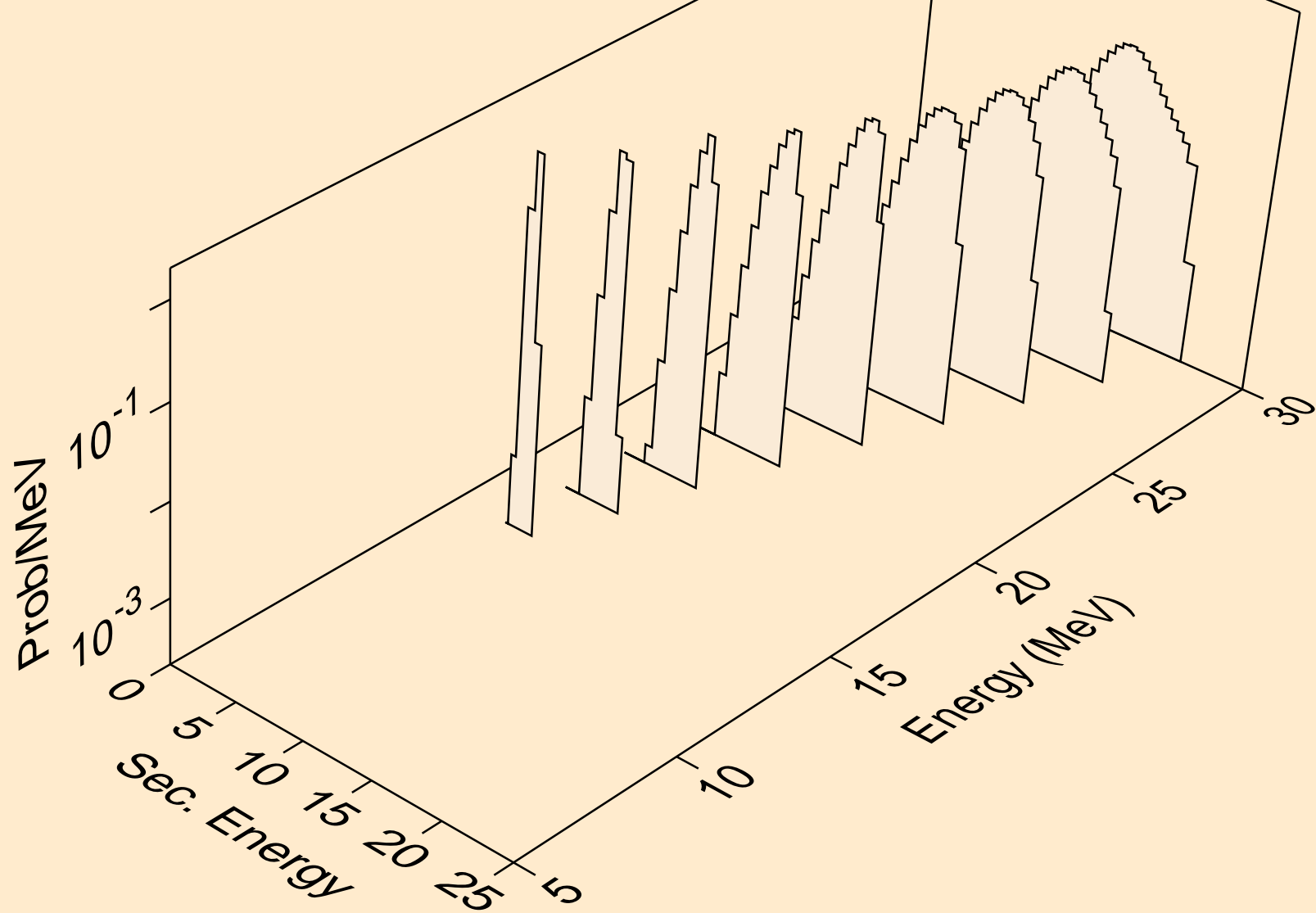
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



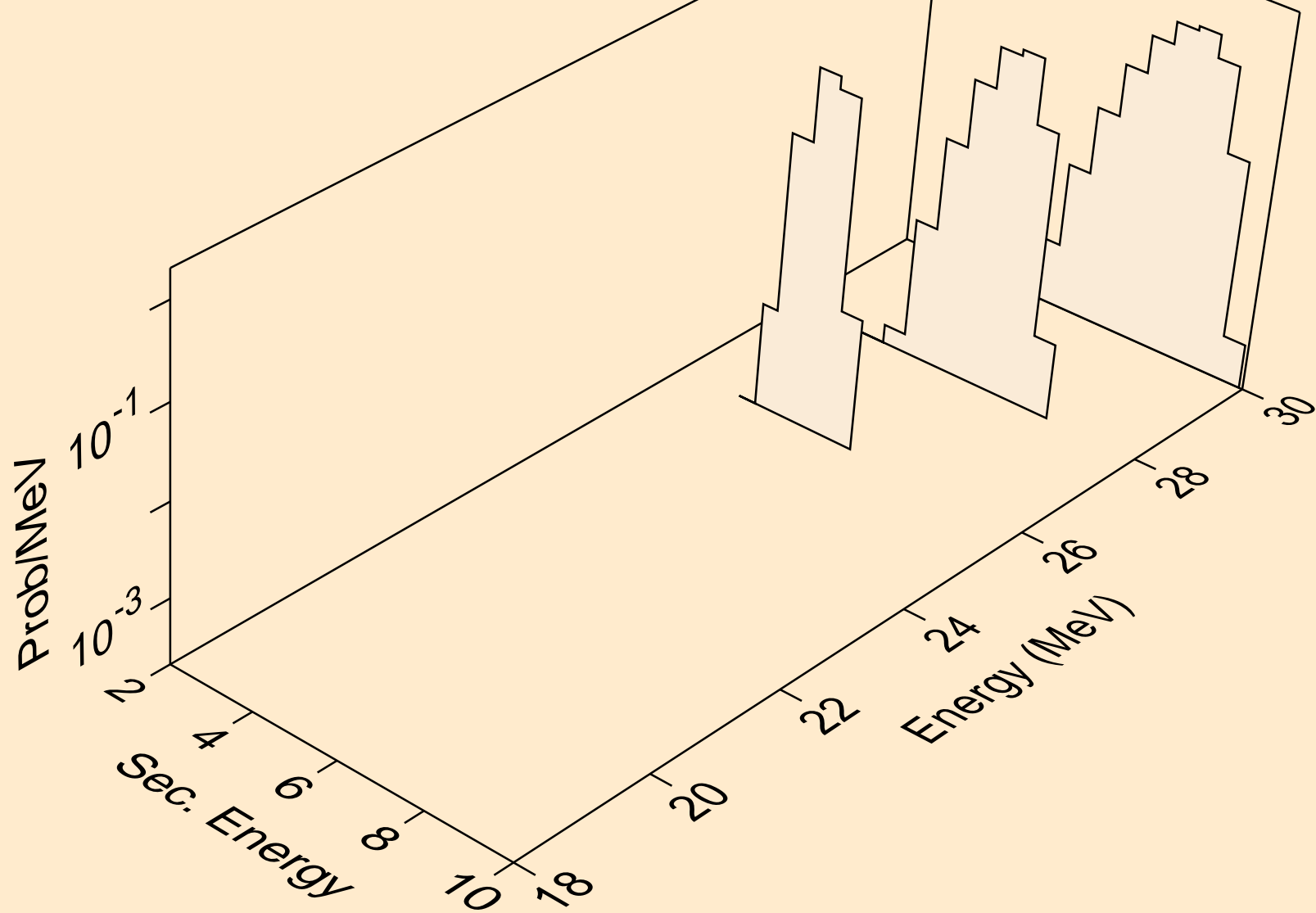
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)



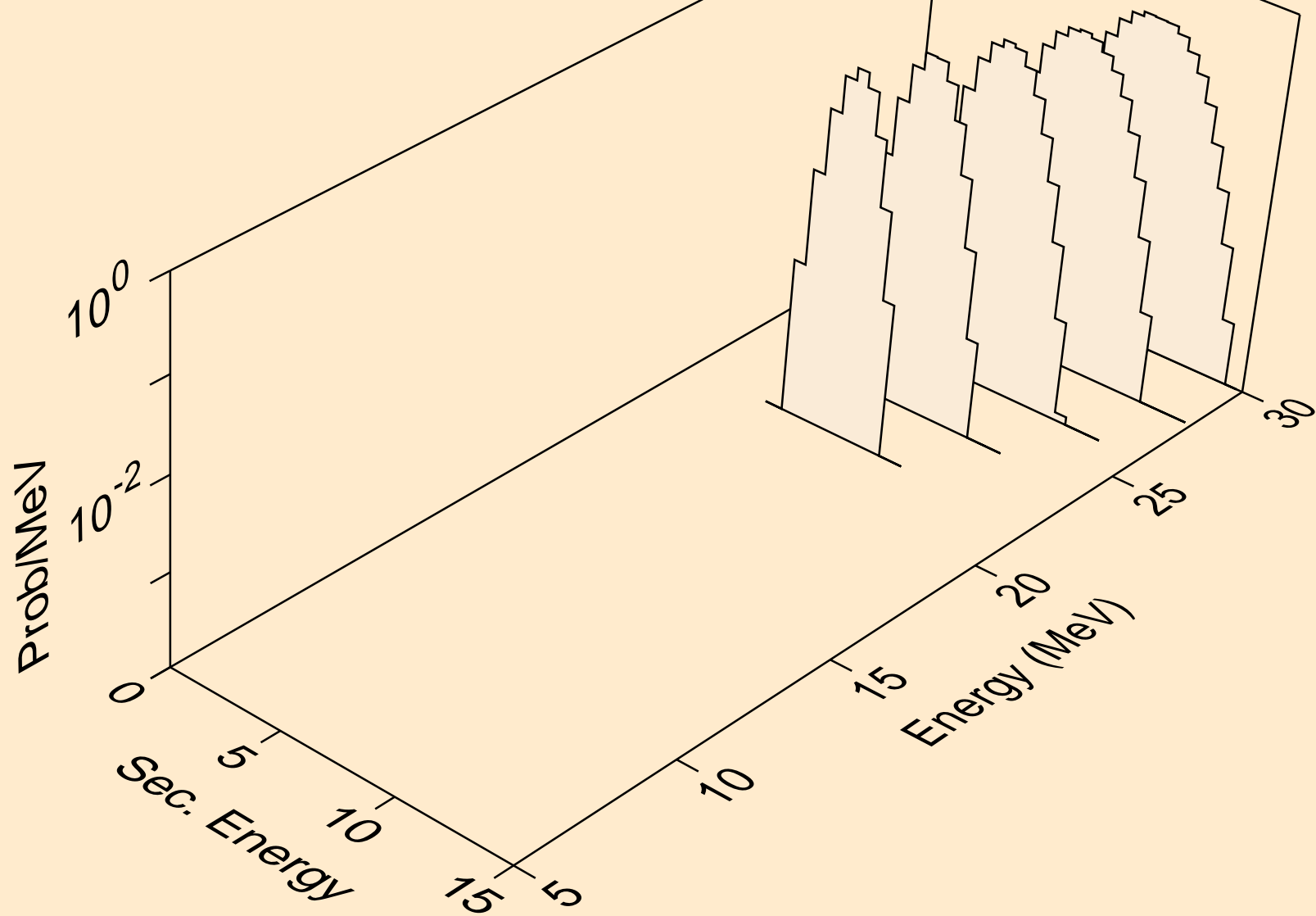
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



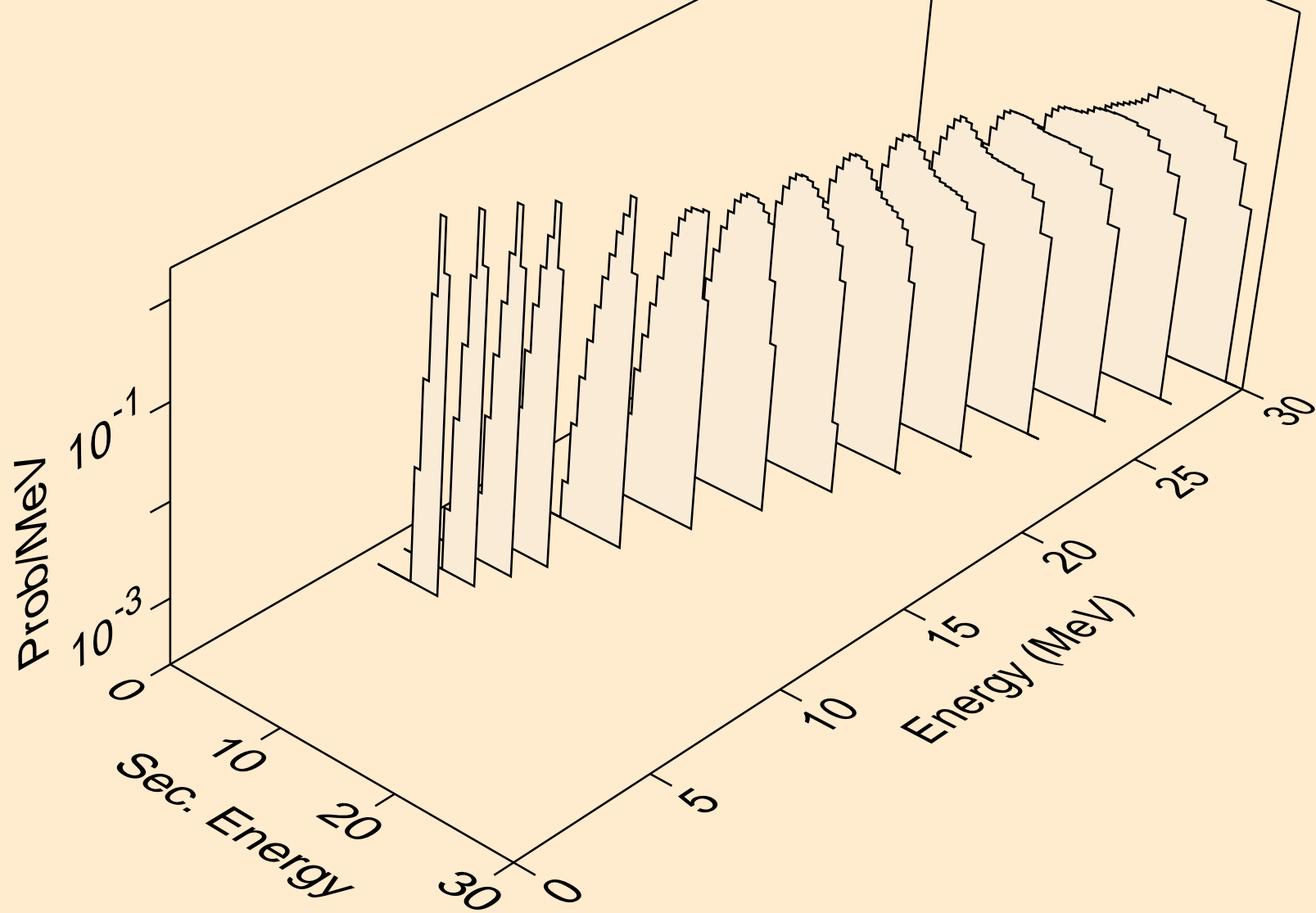
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



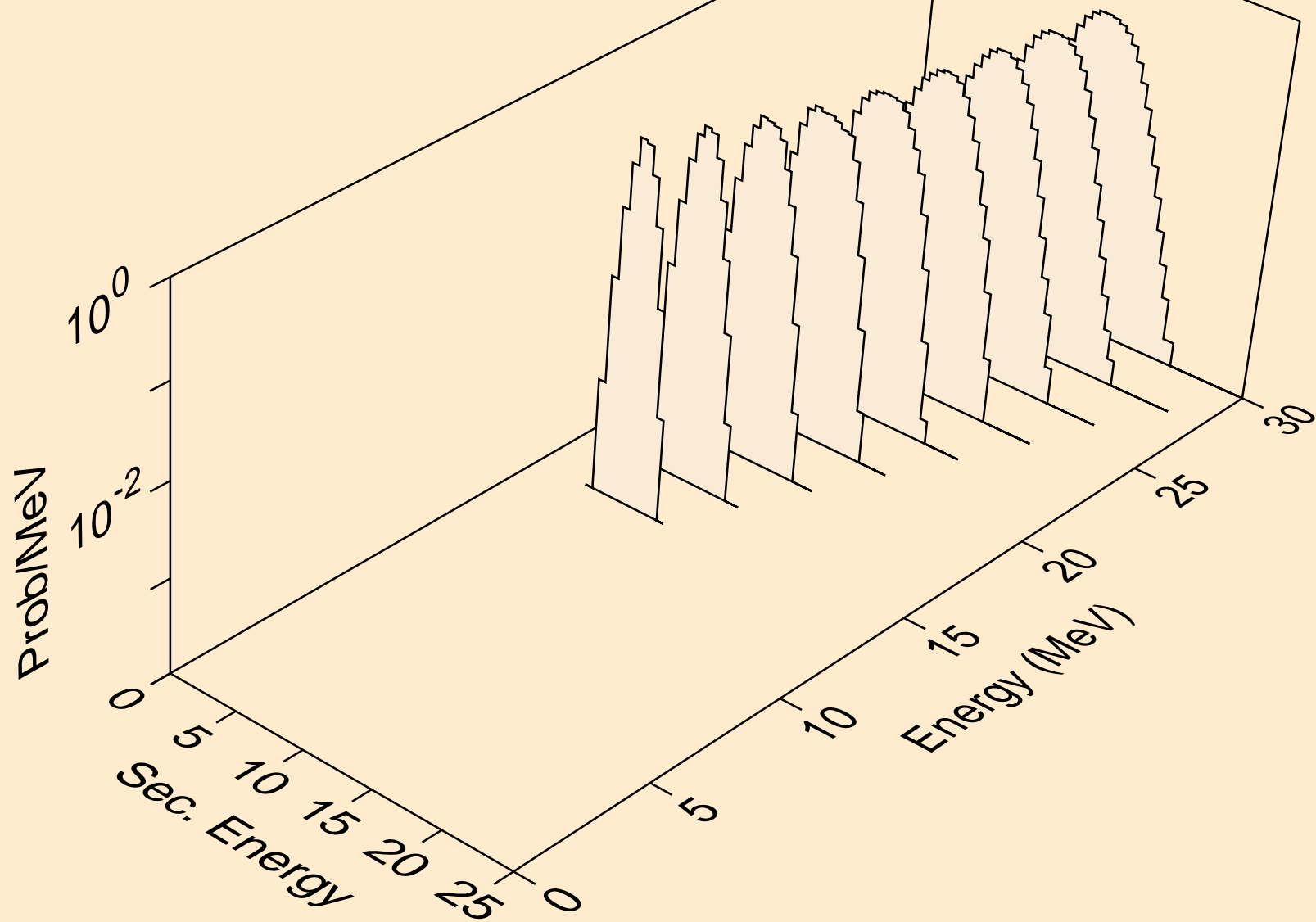
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



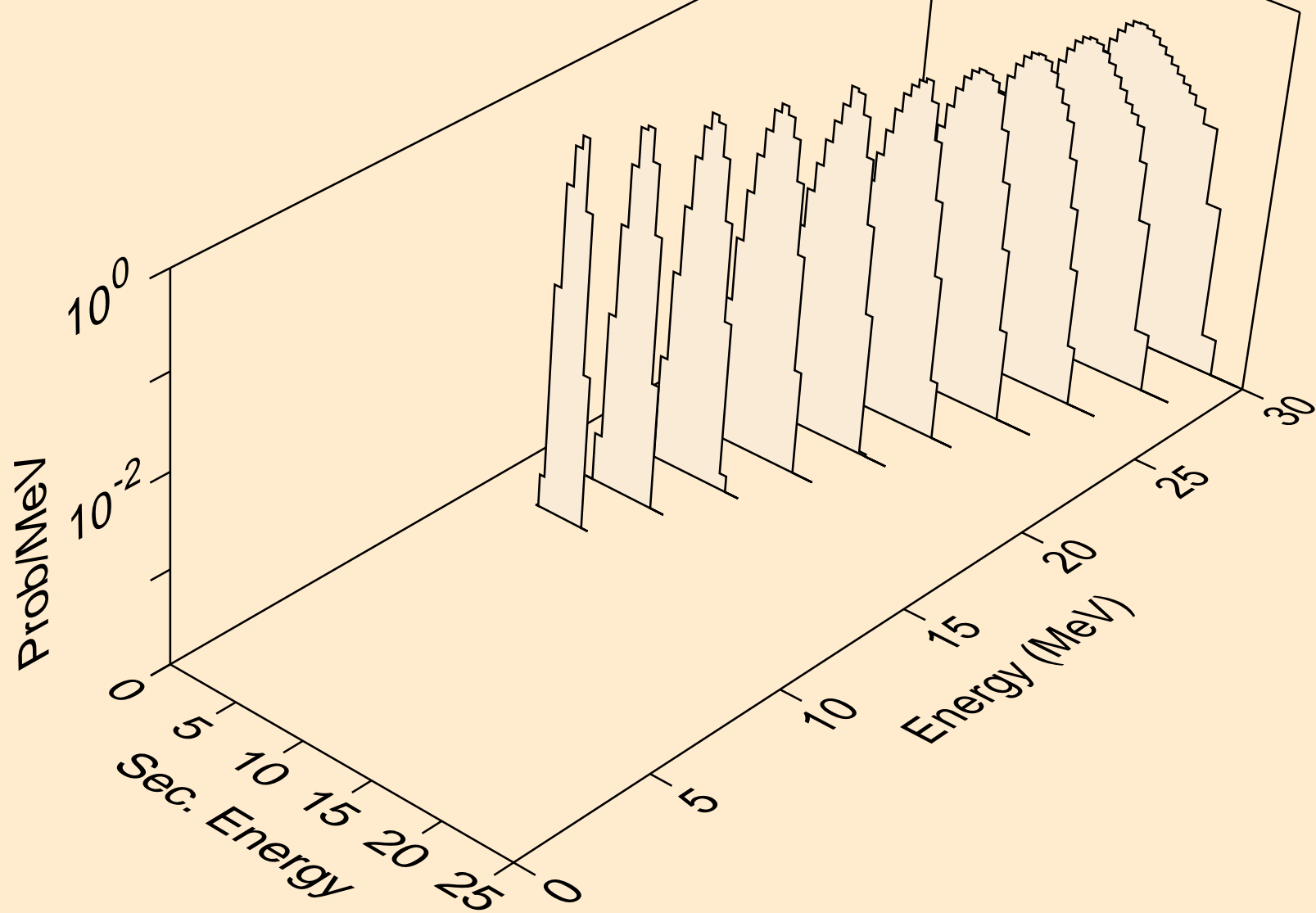
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



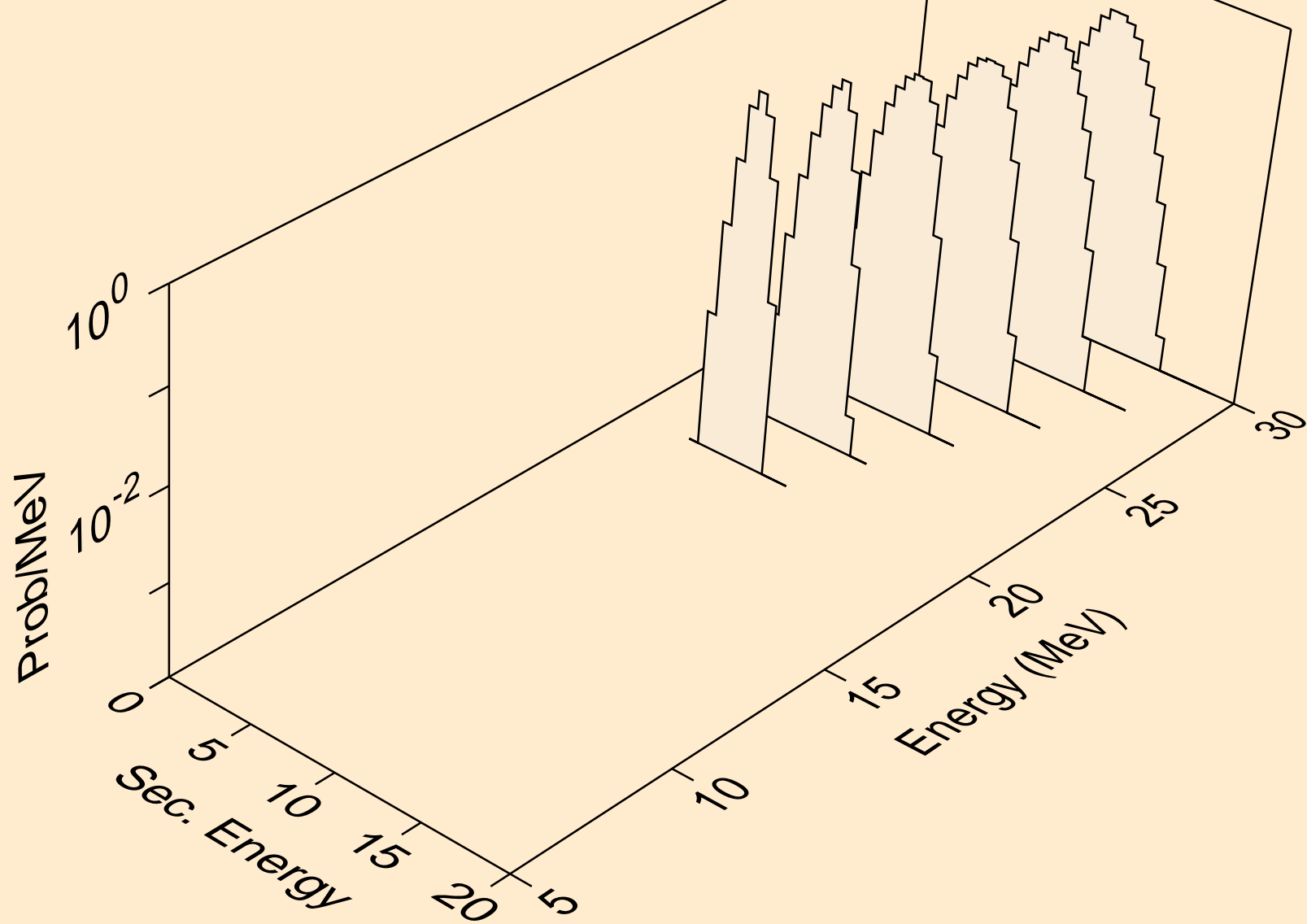
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2a)



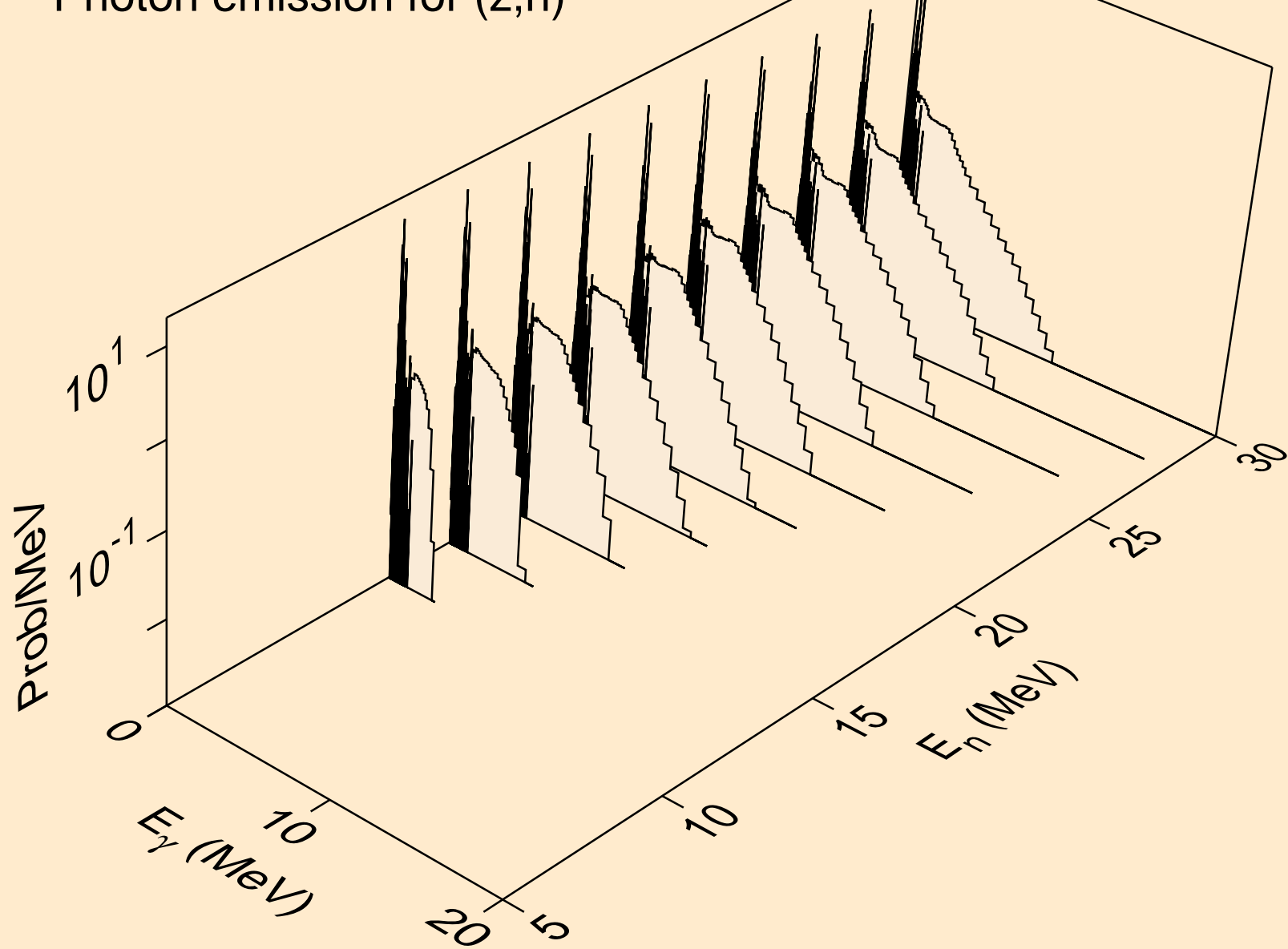
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,pa)



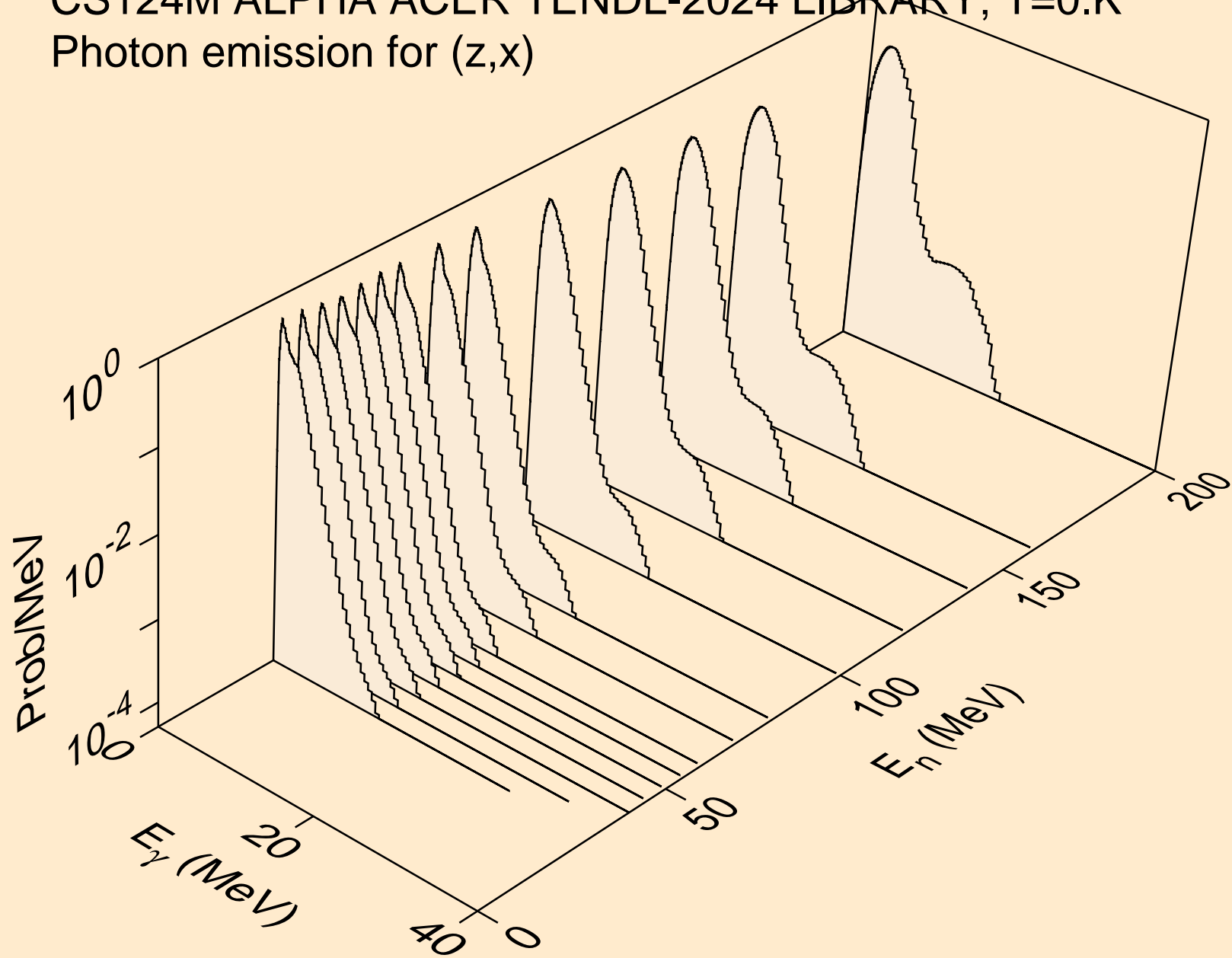
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,da)



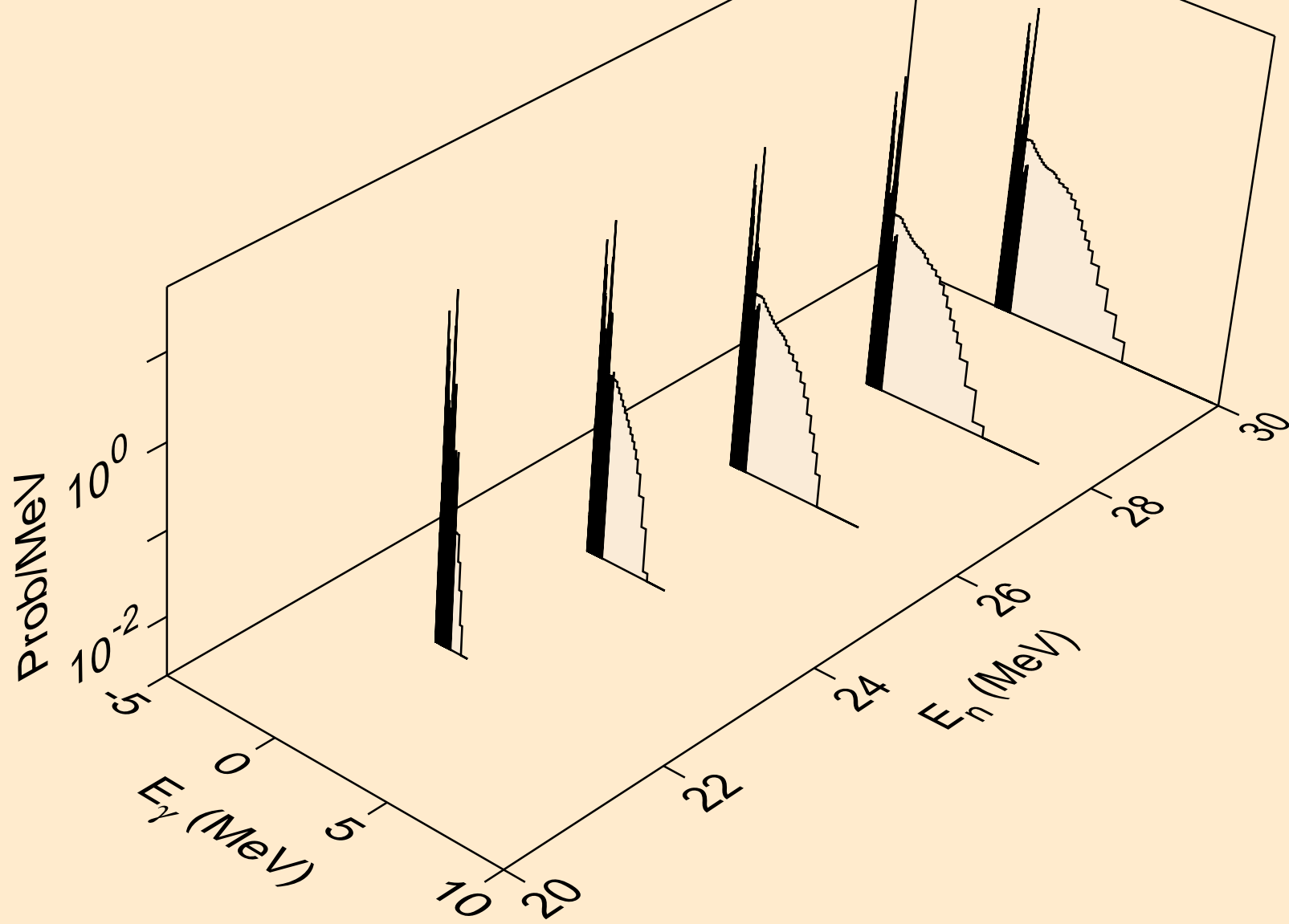
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



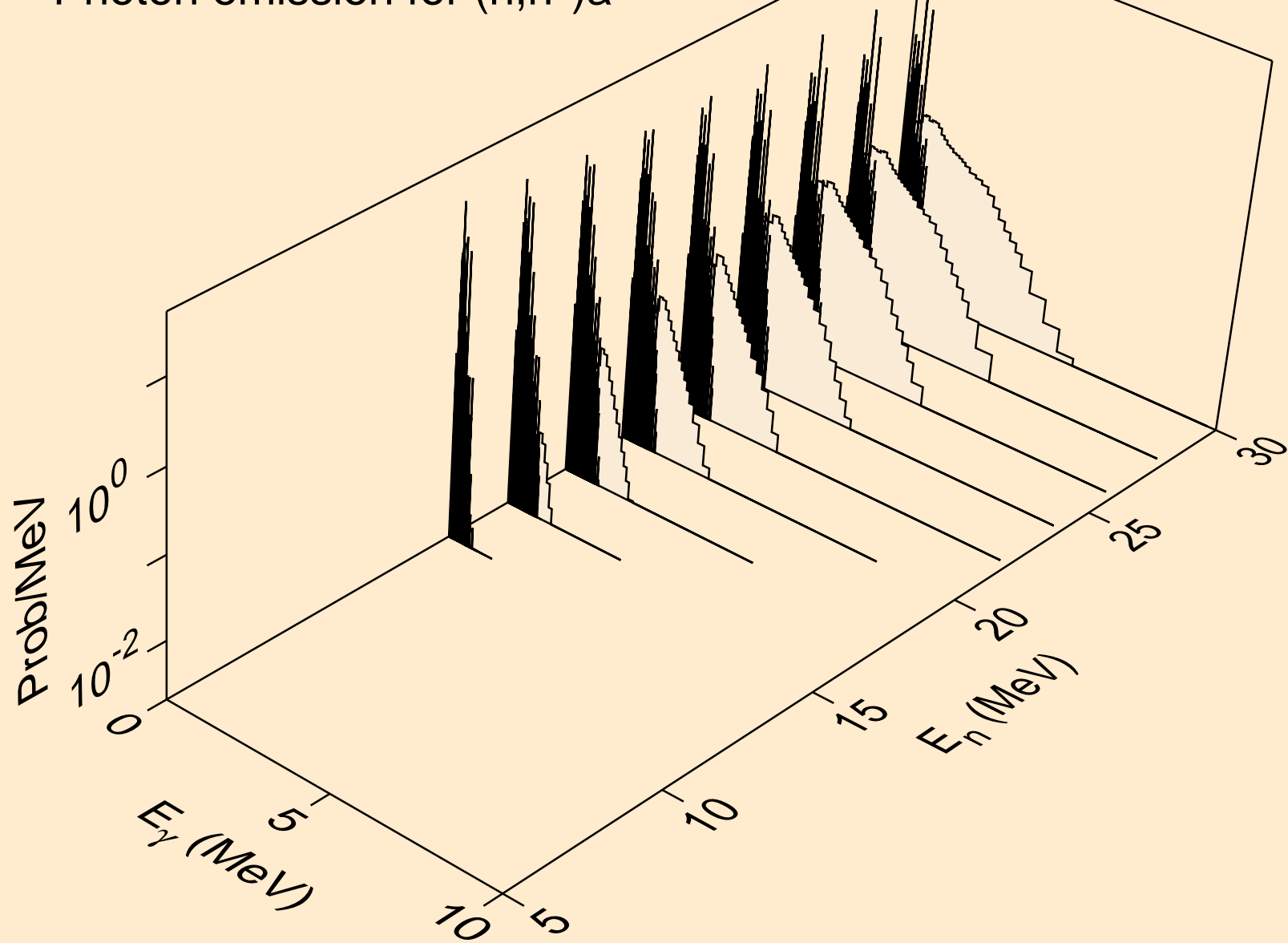
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



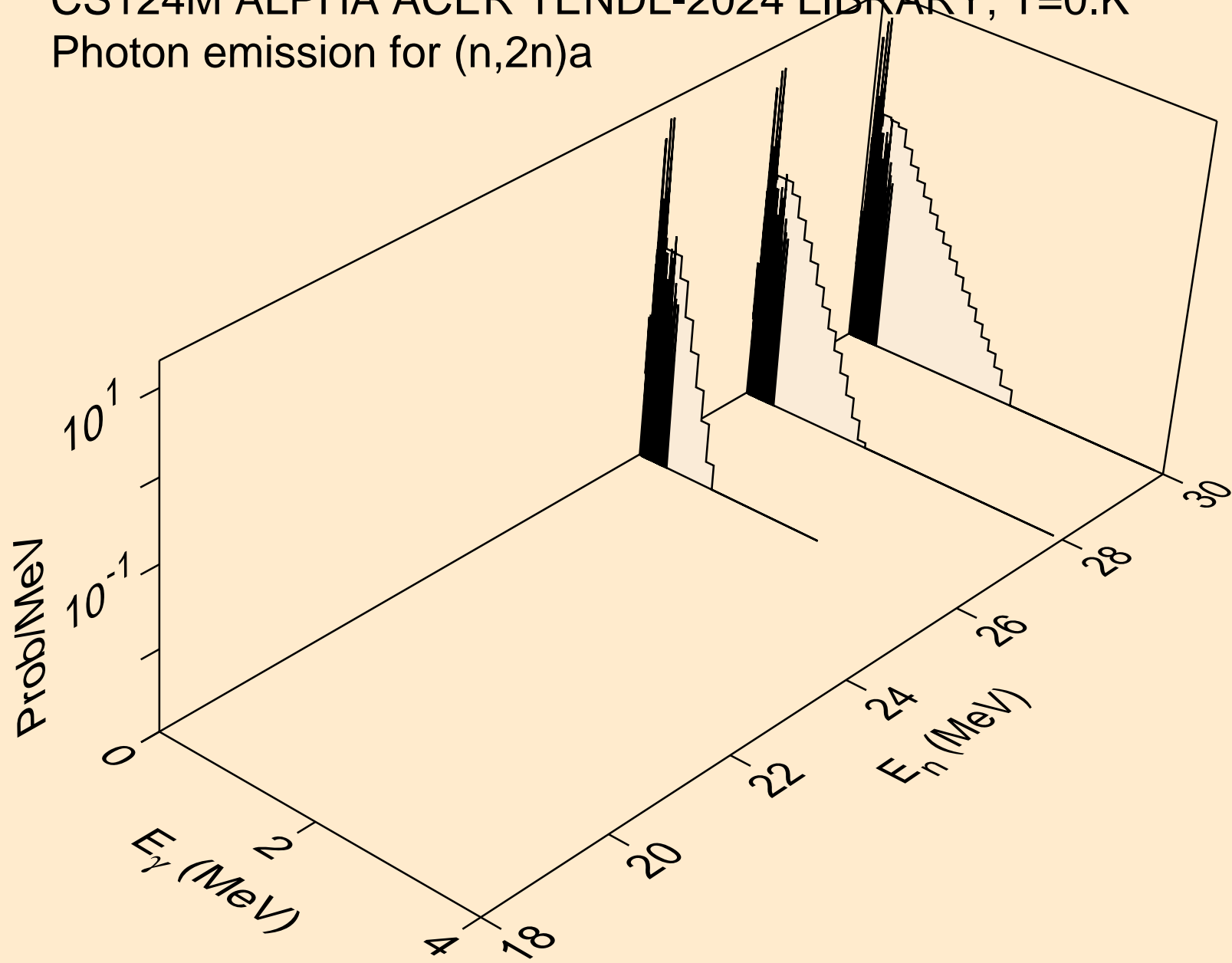
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



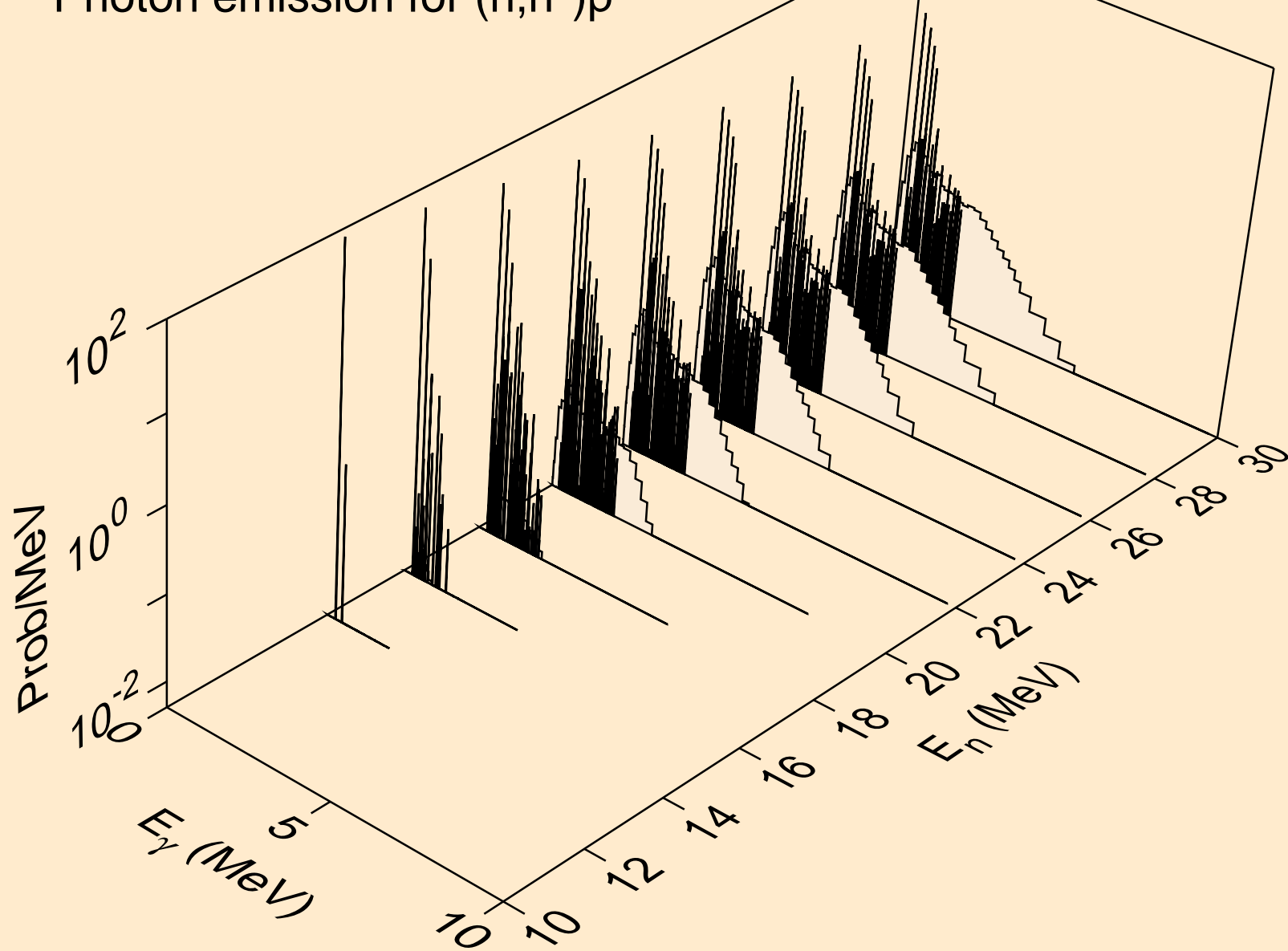
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



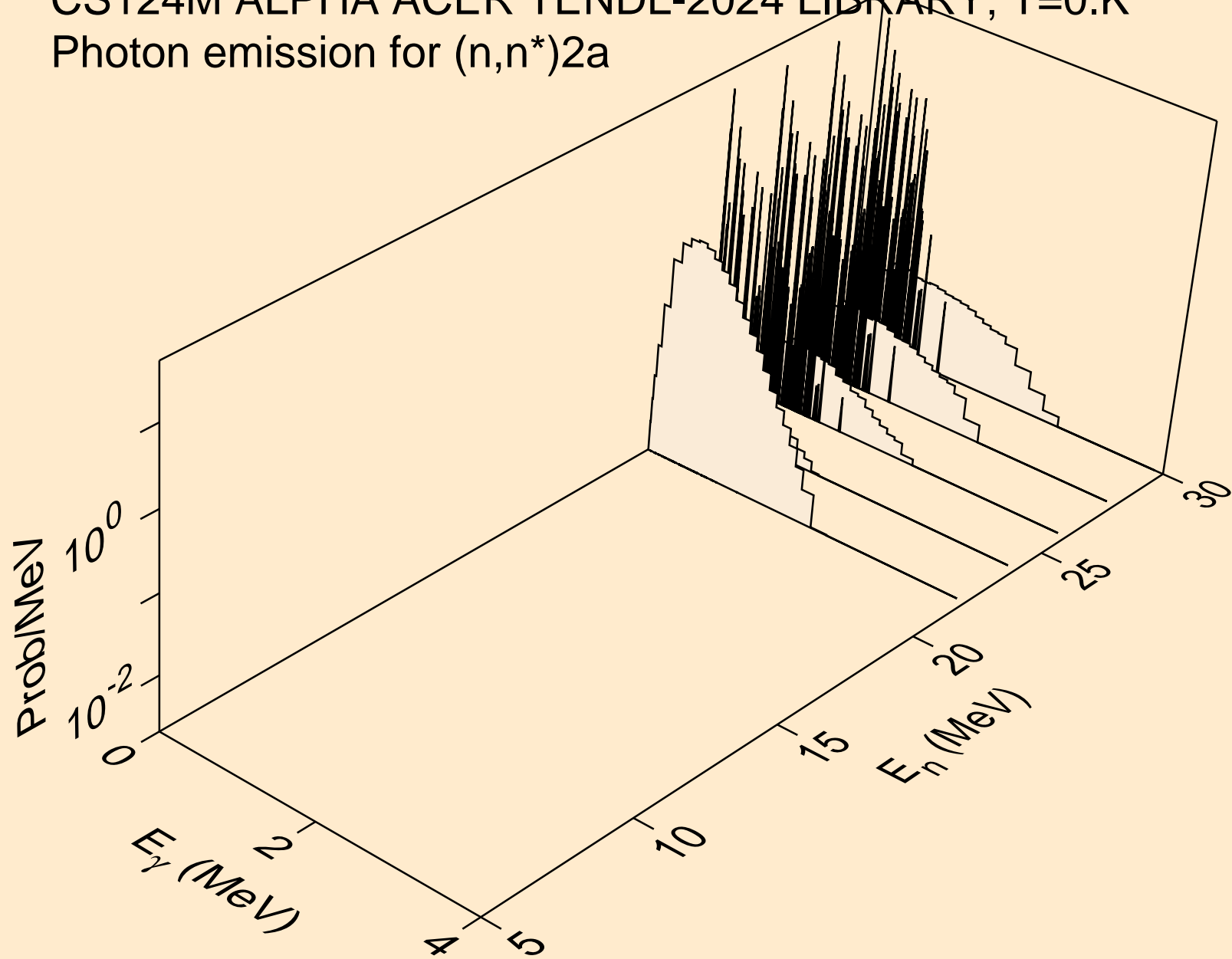
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



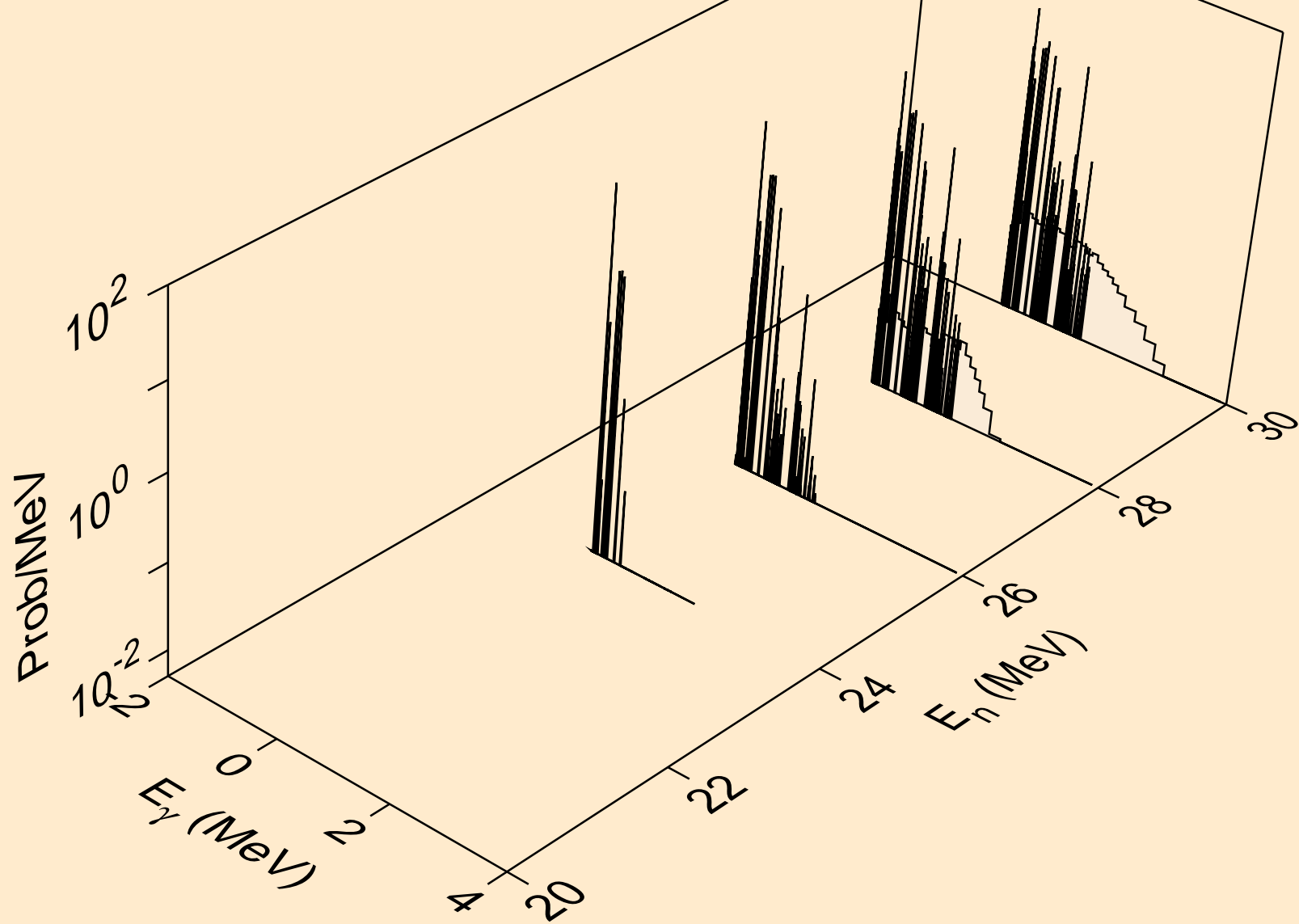
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



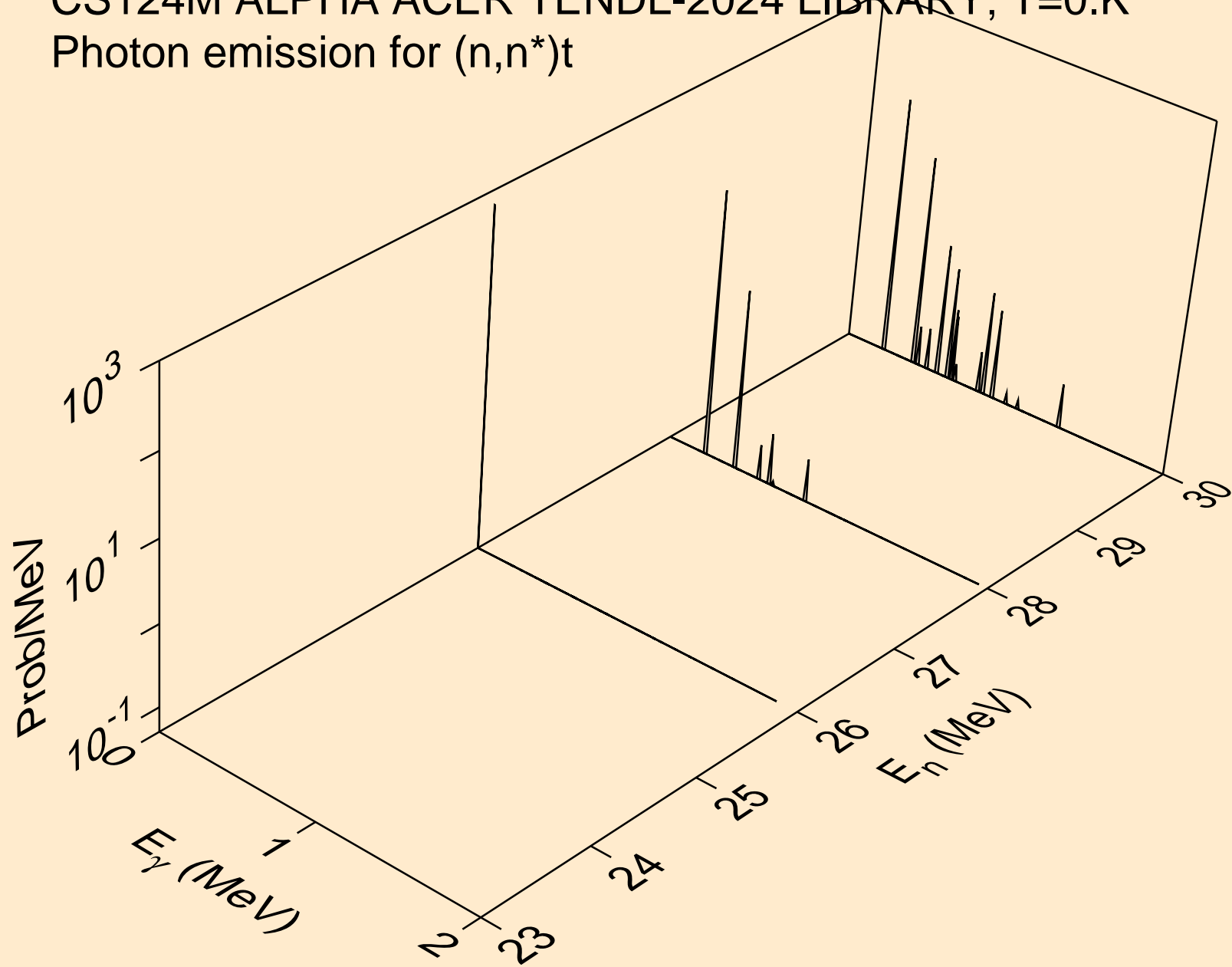
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



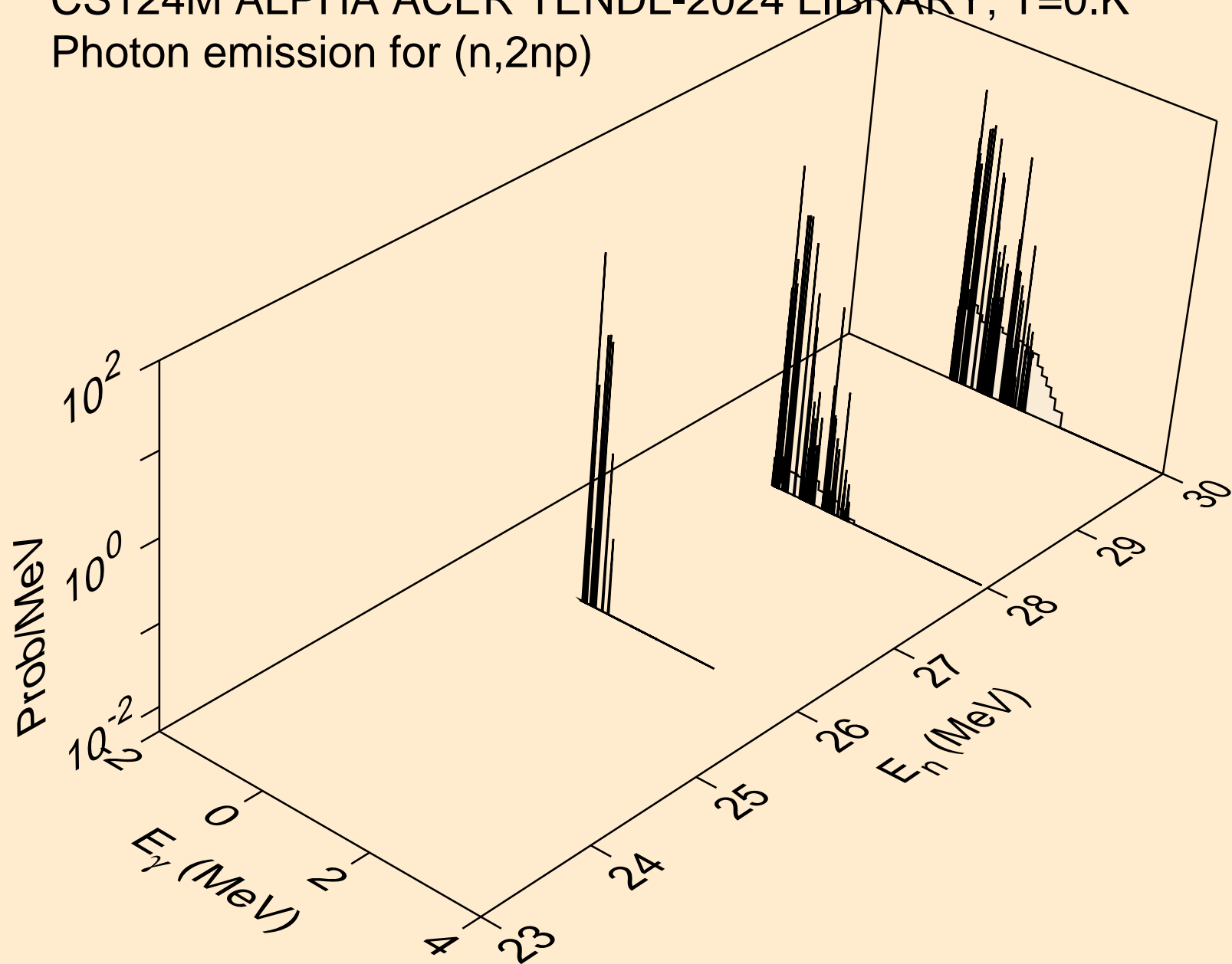
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



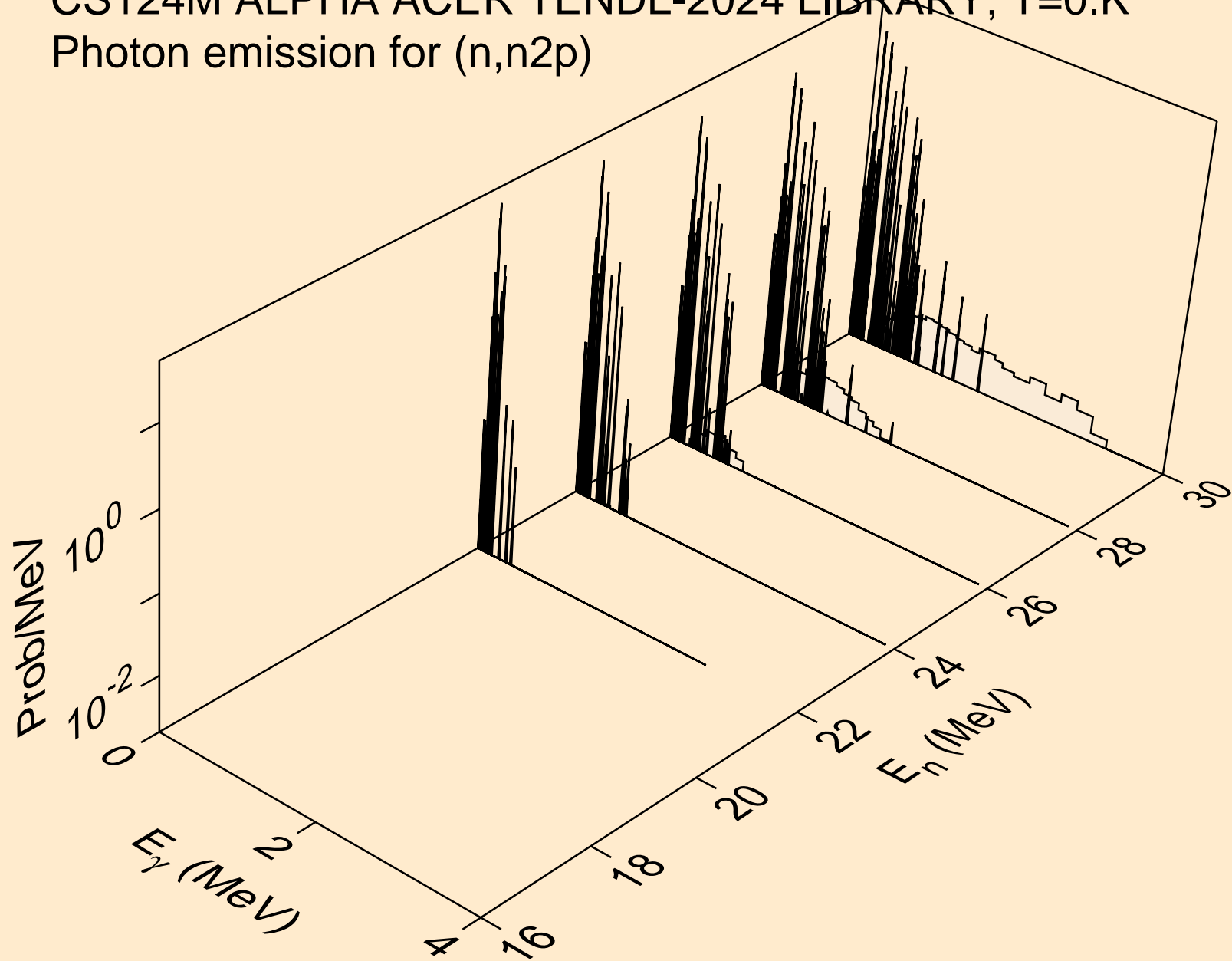
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



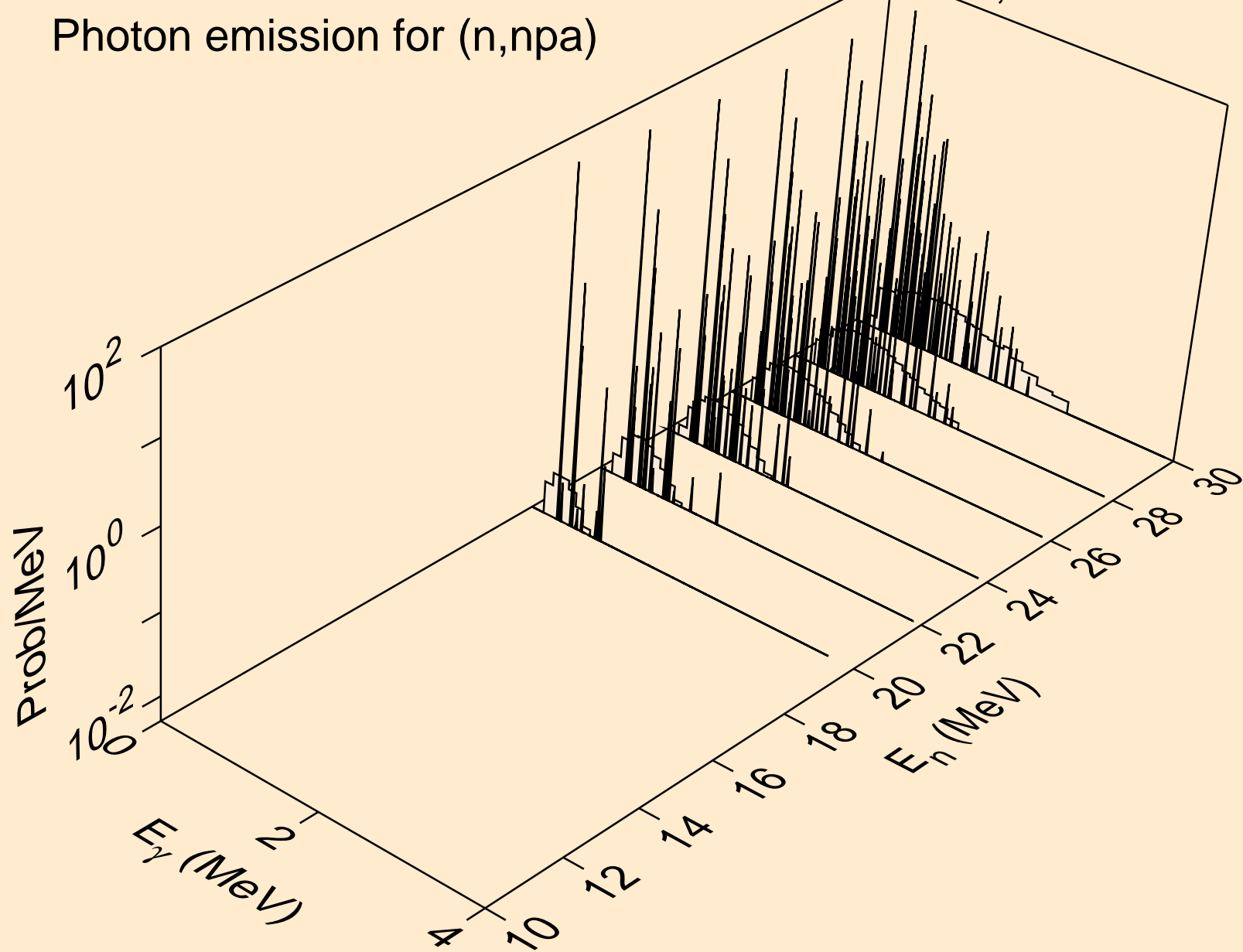
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



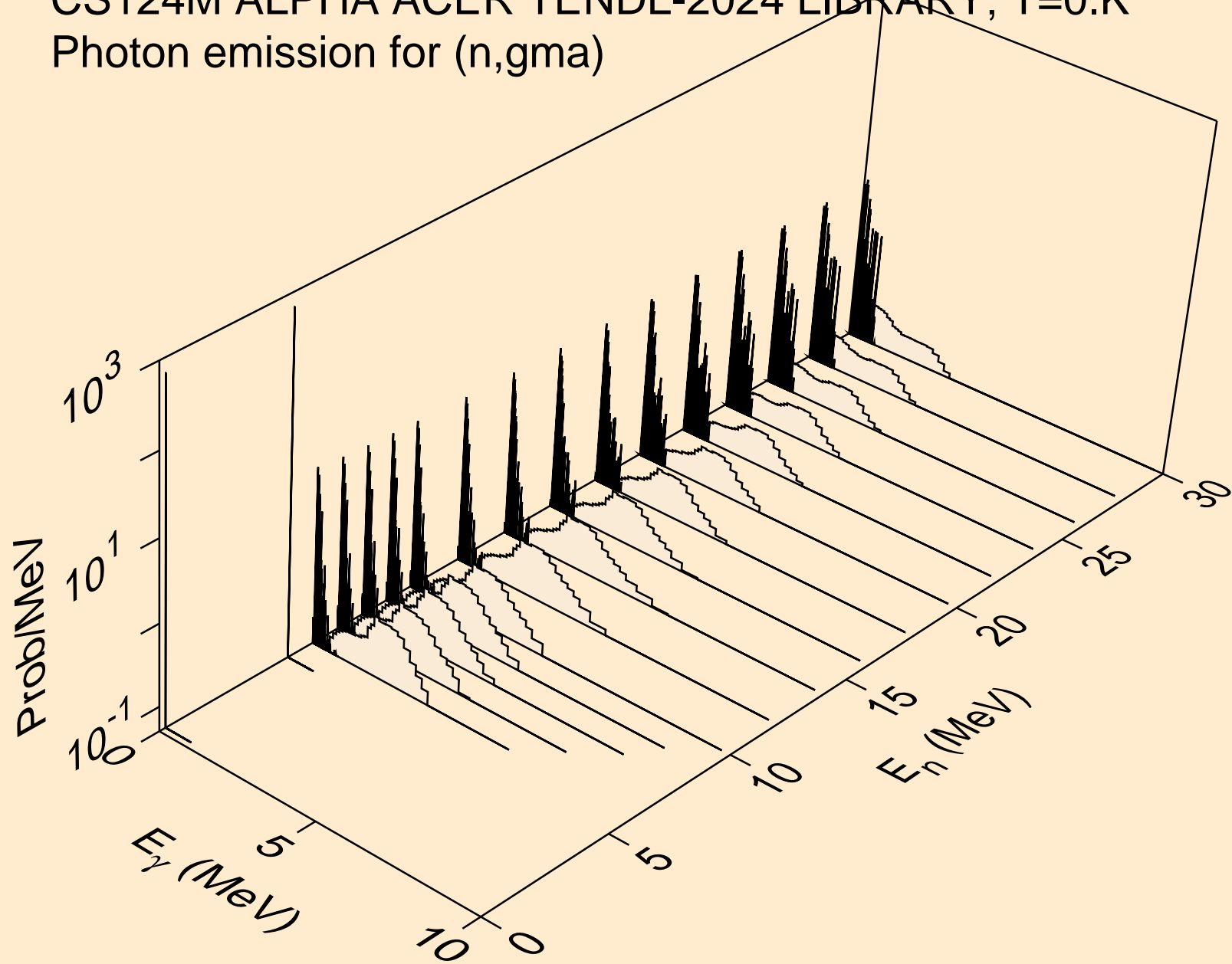
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



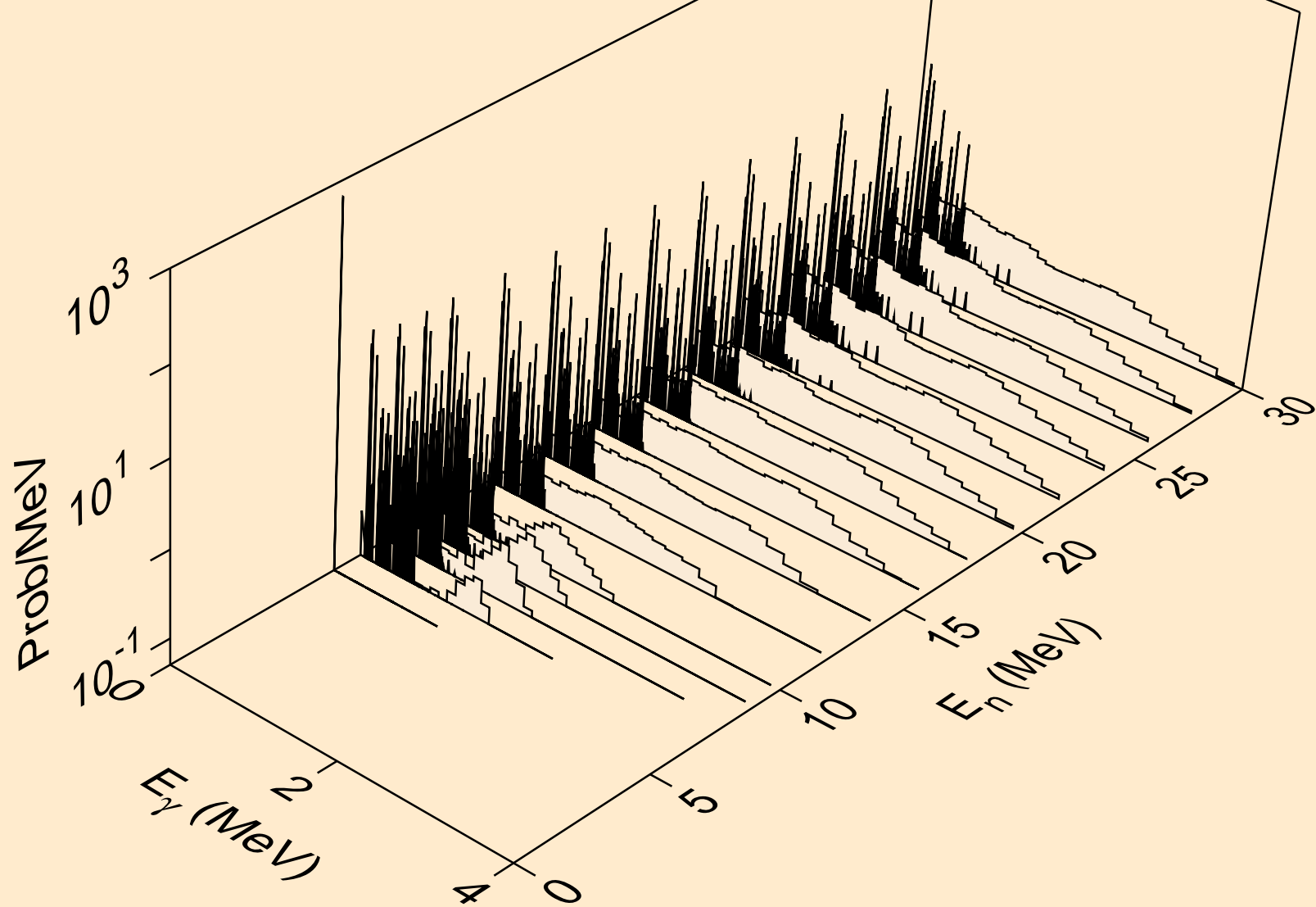
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



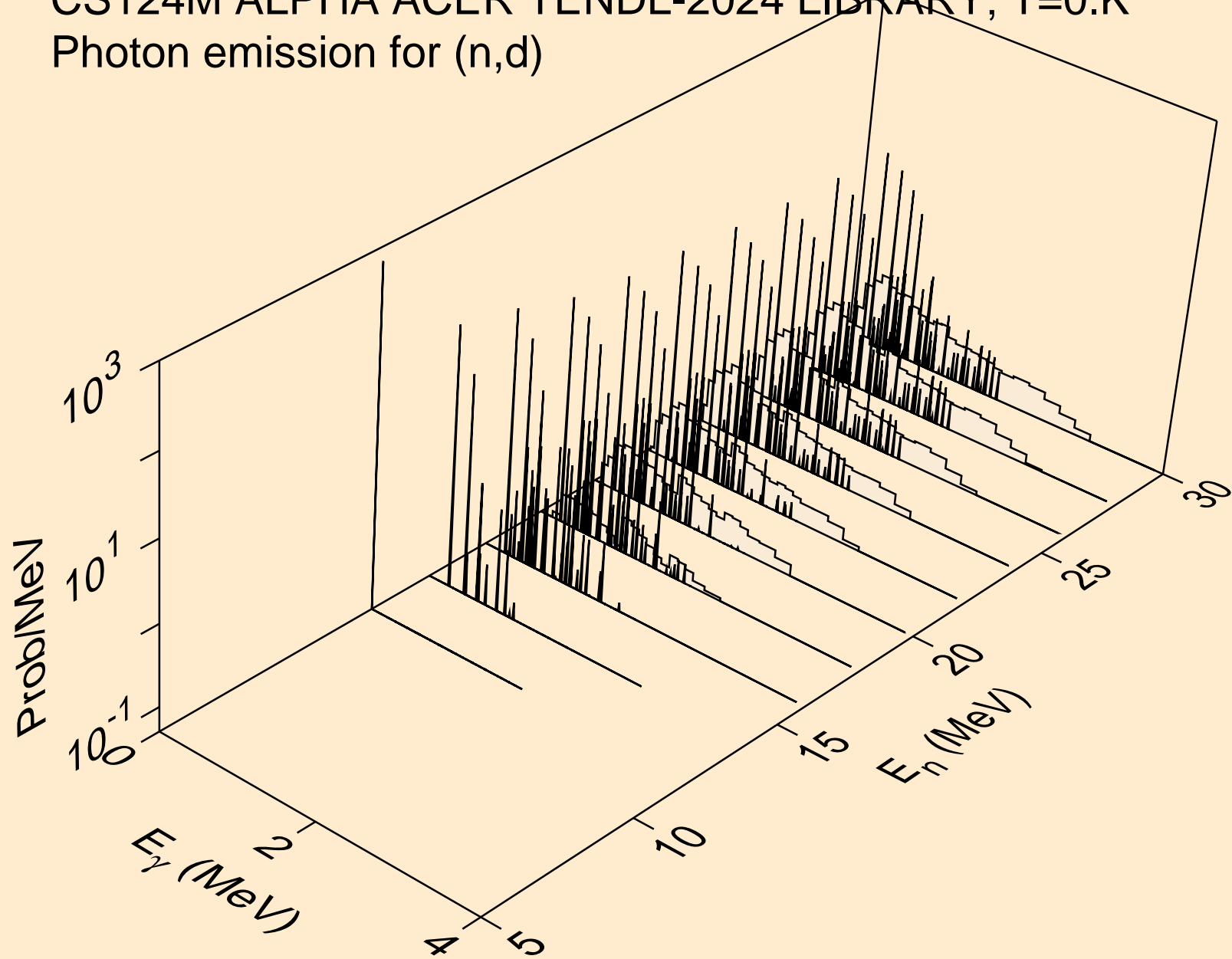
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



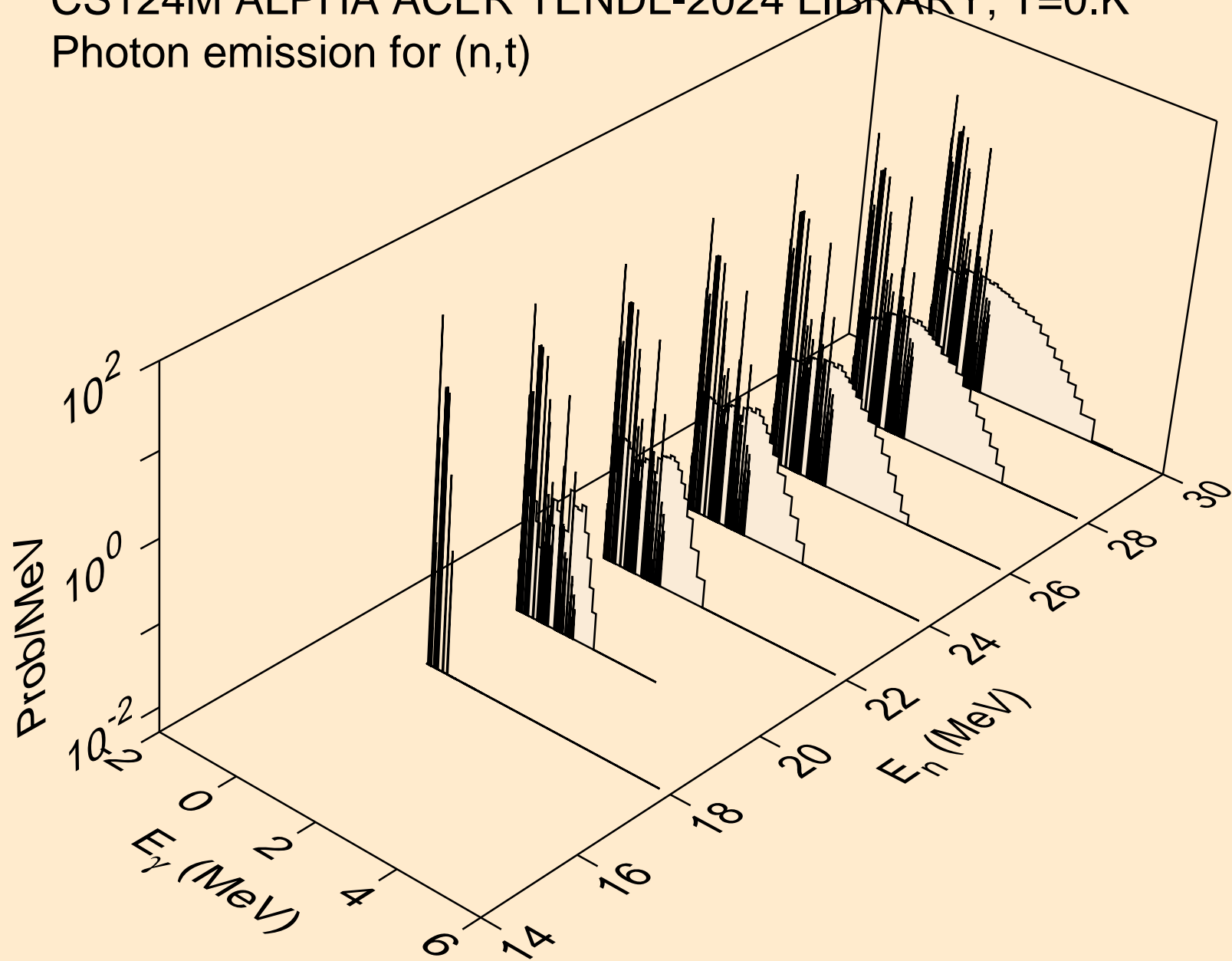
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



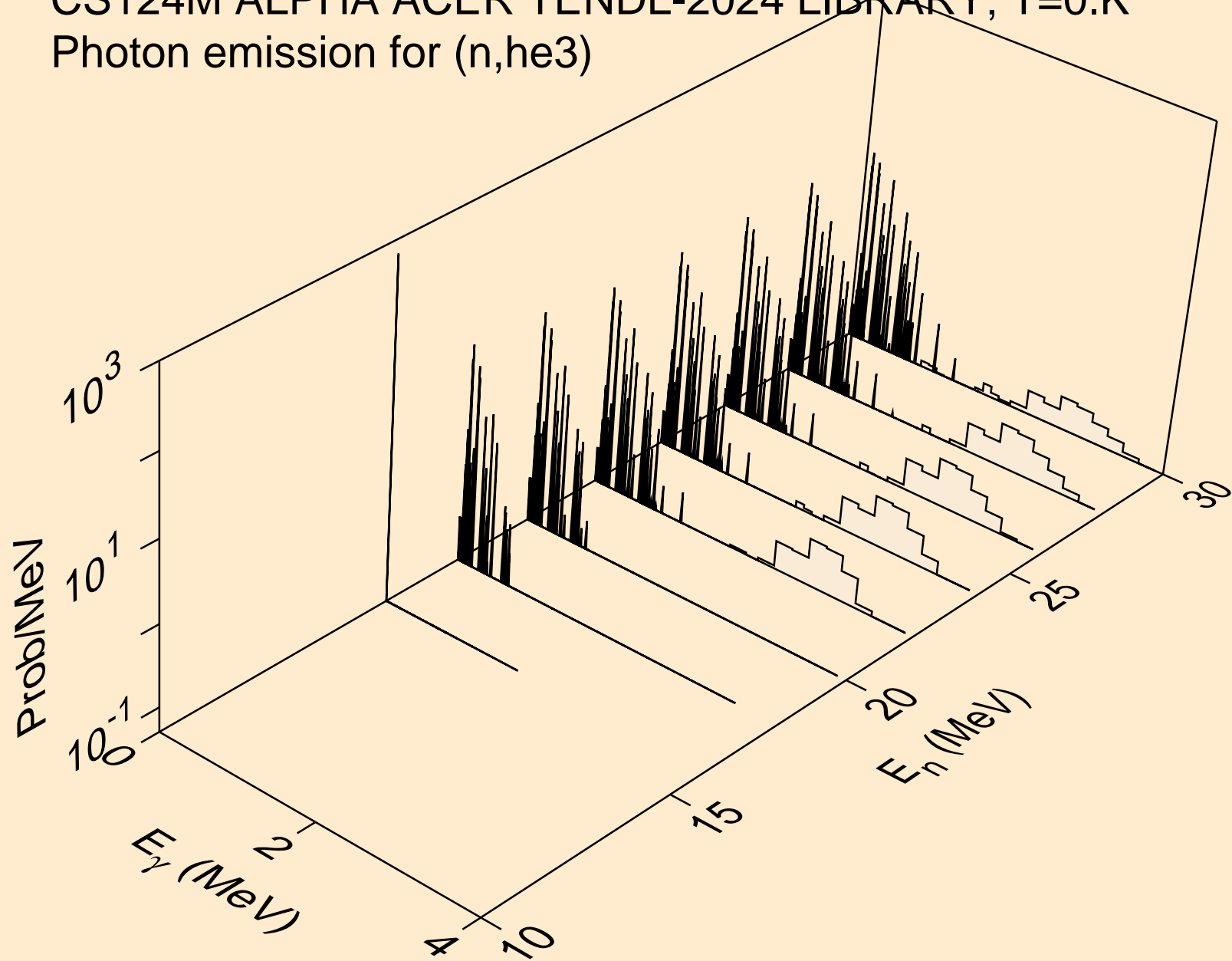
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



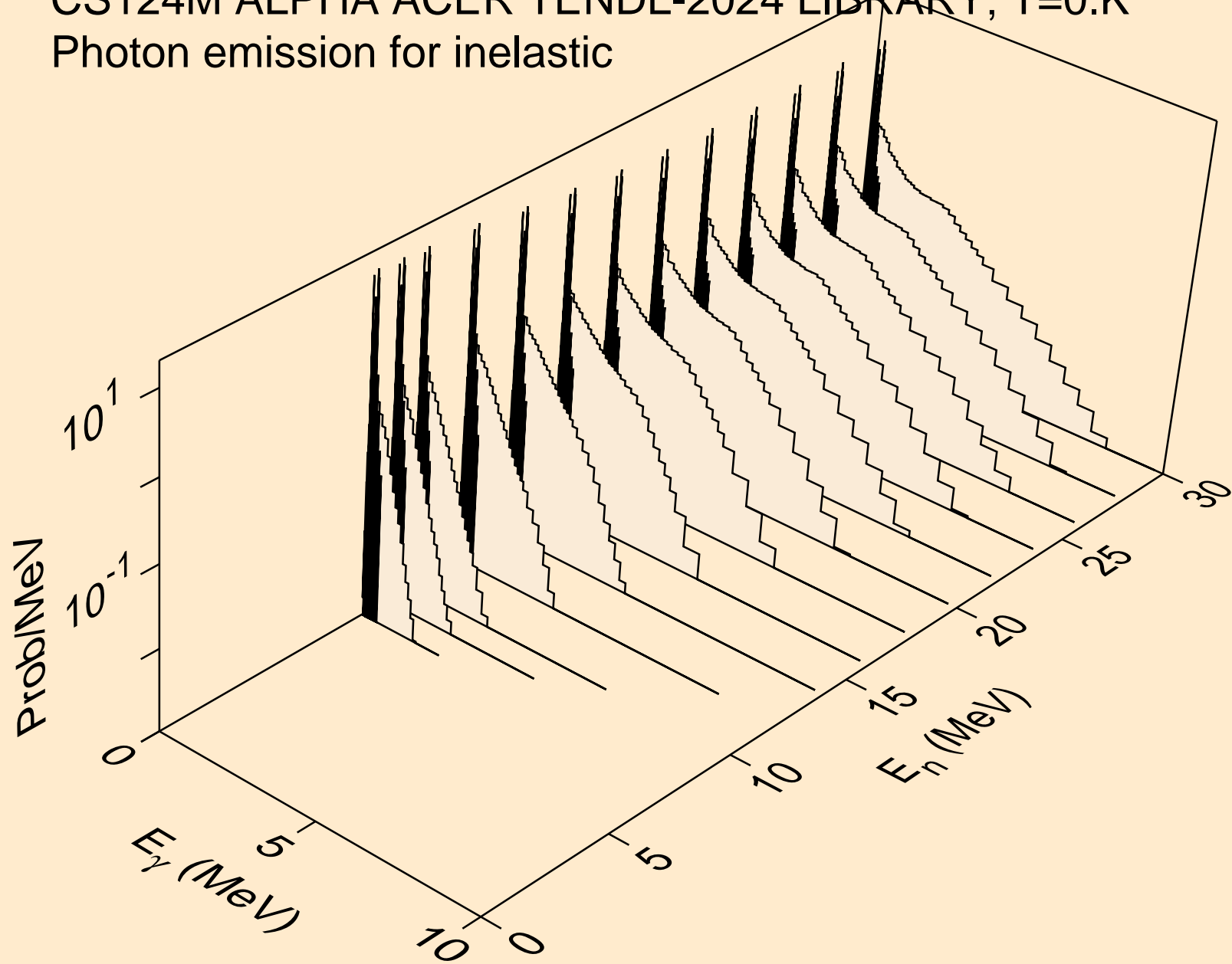
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



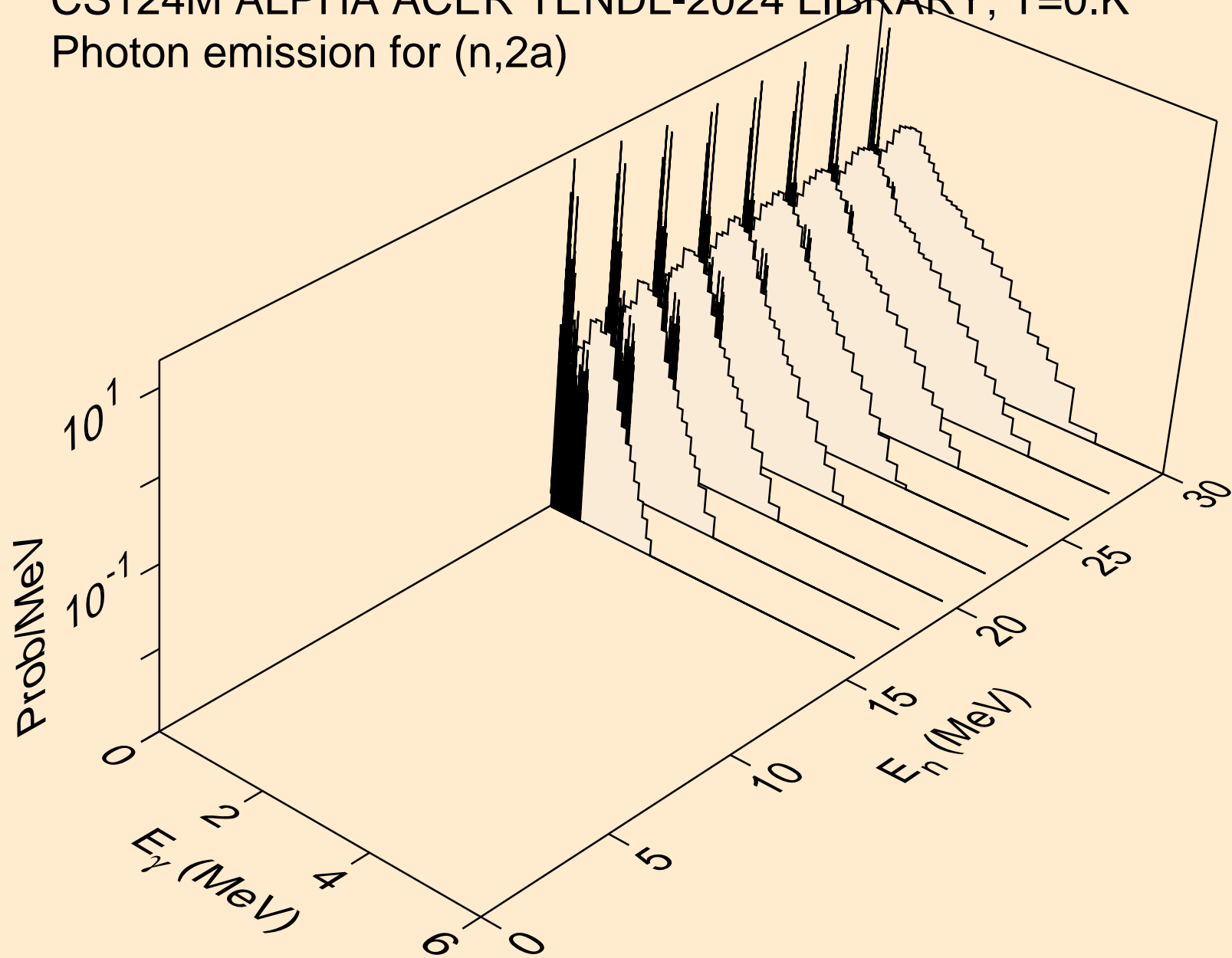
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



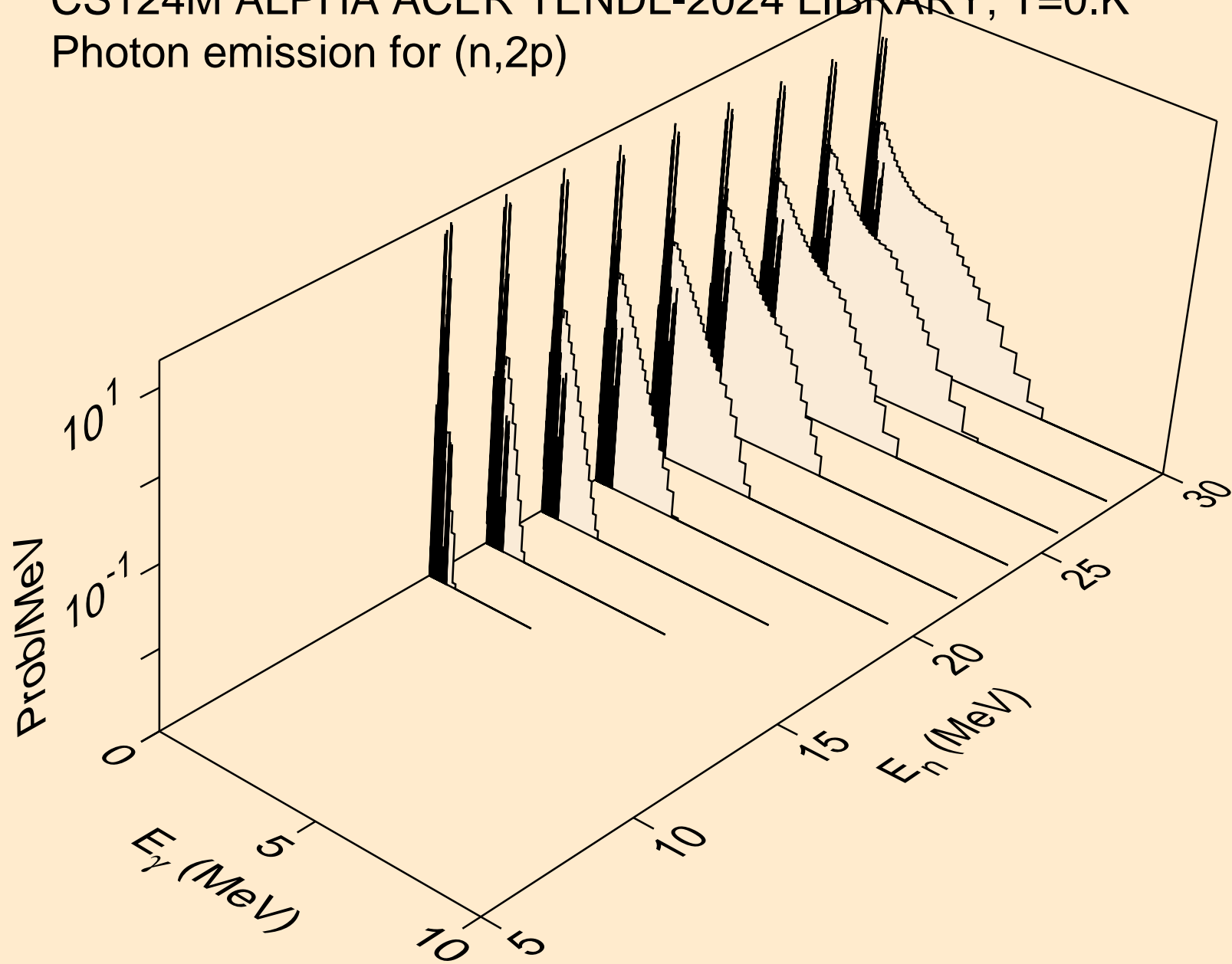
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



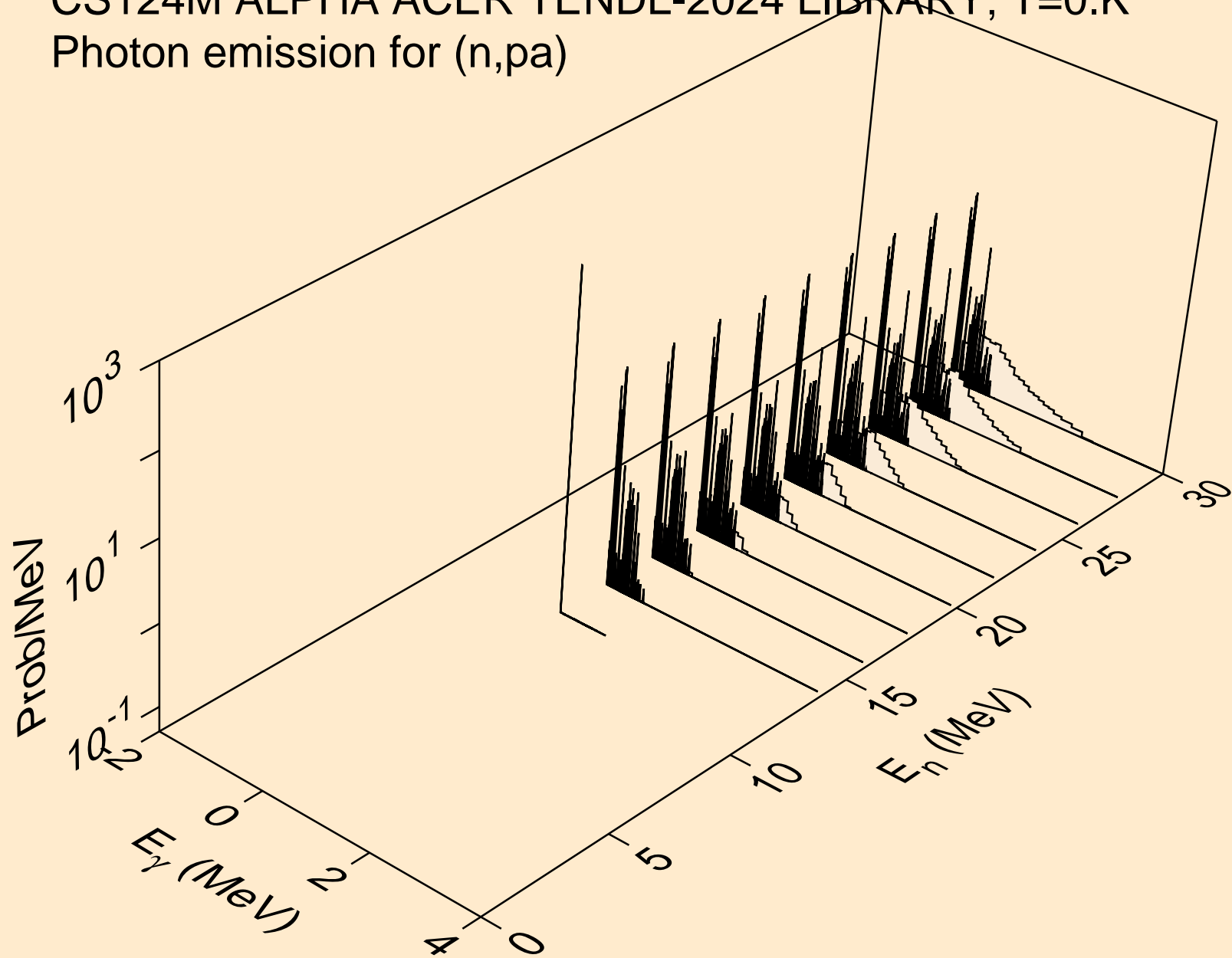
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



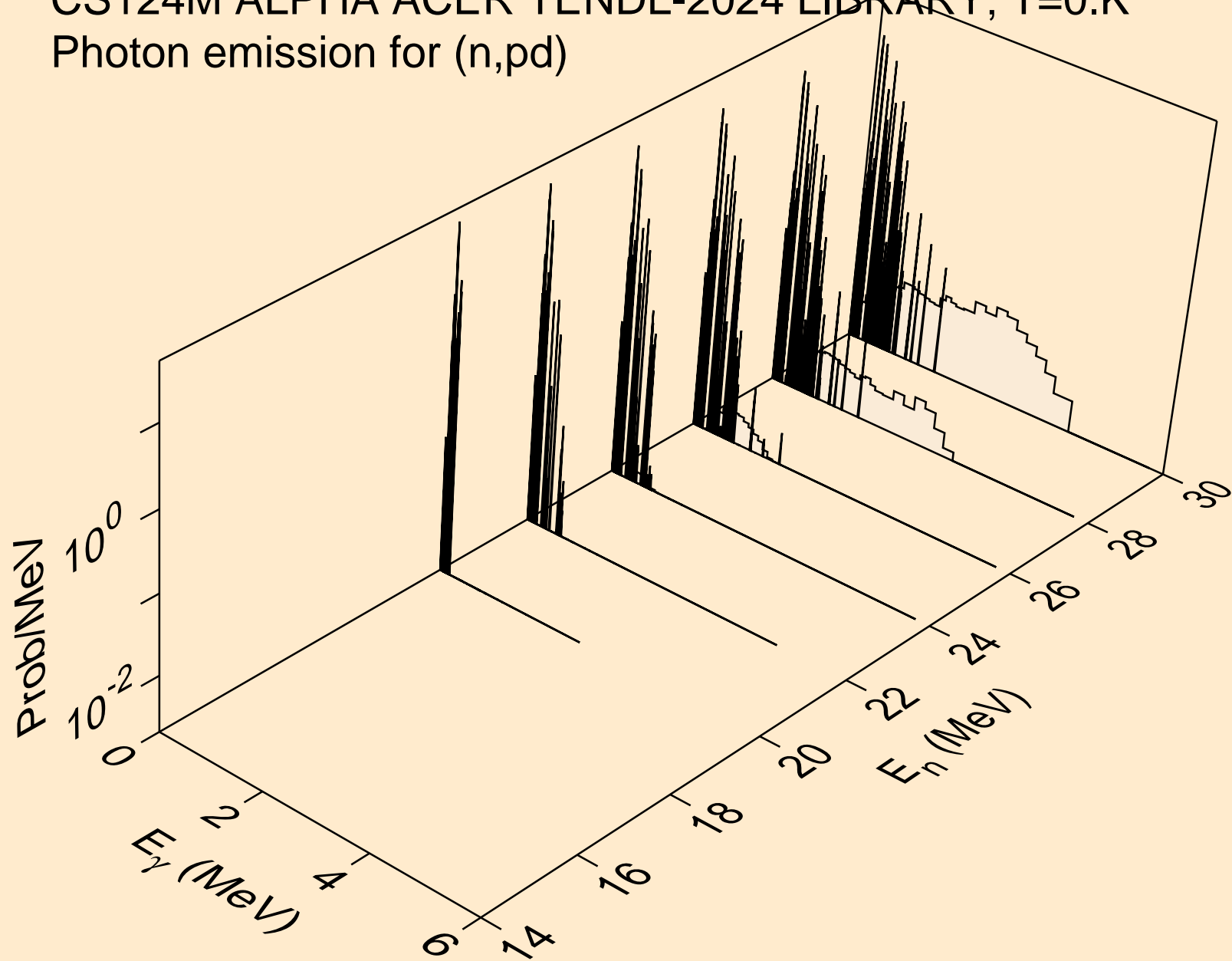
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



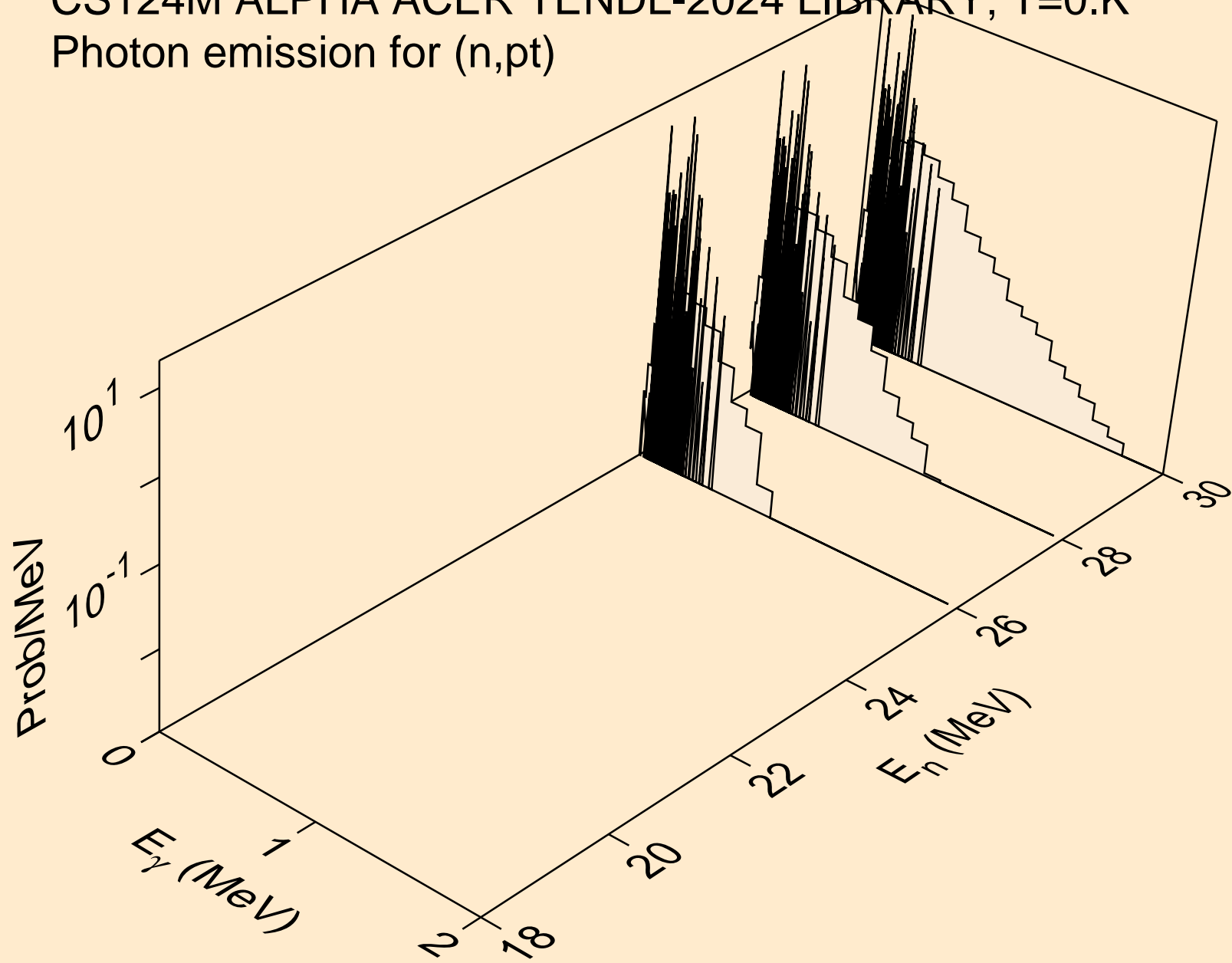
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



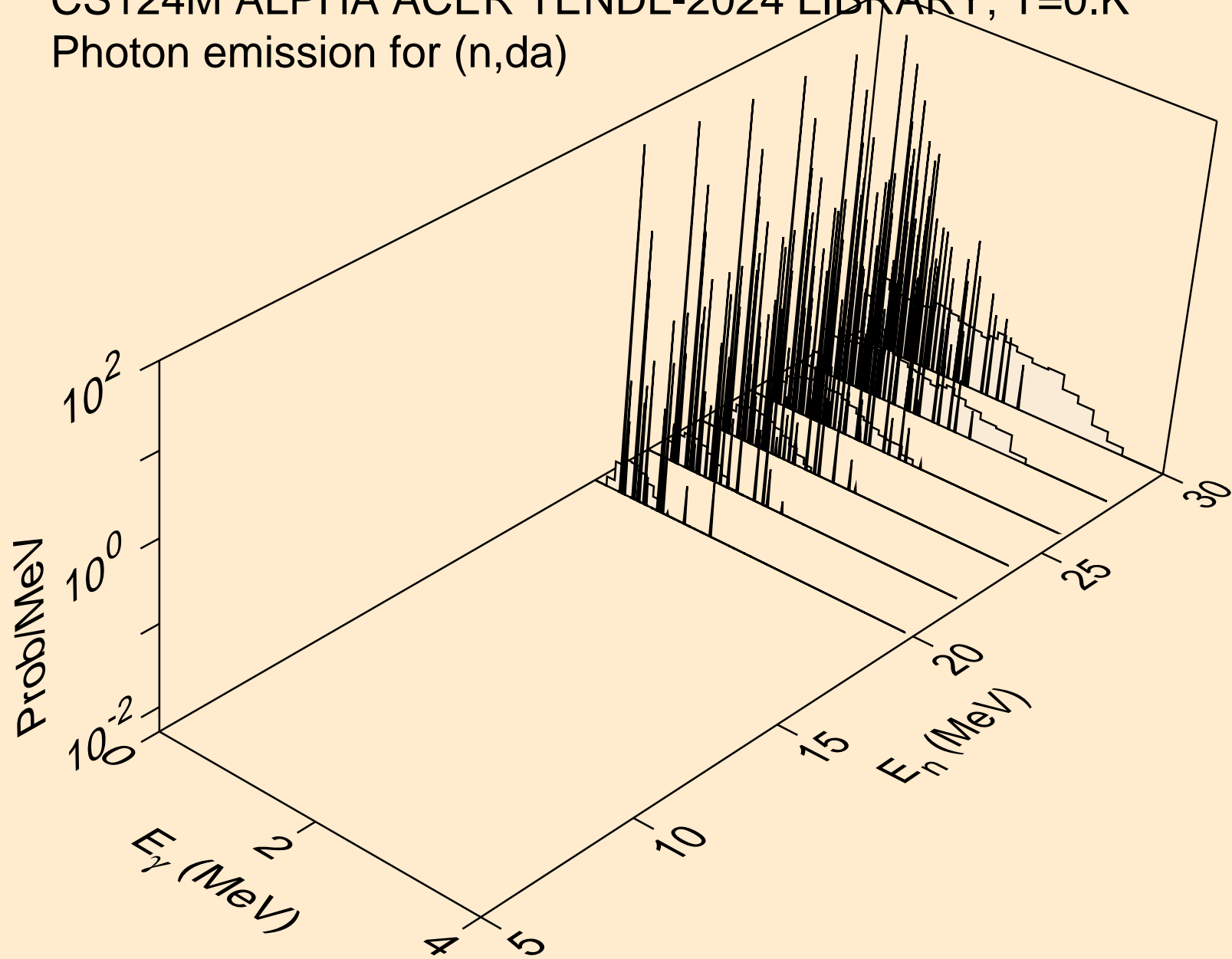
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

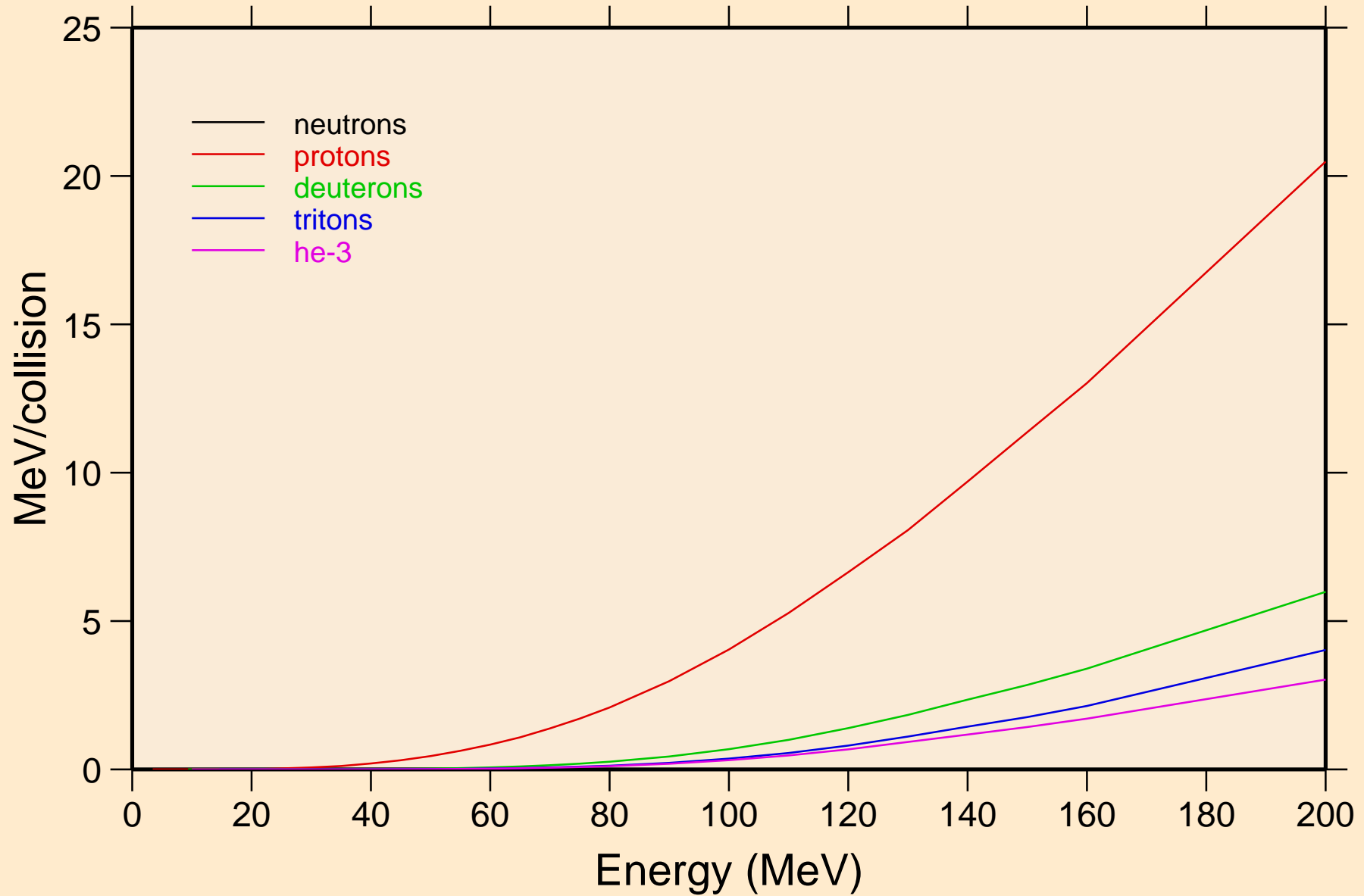


CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



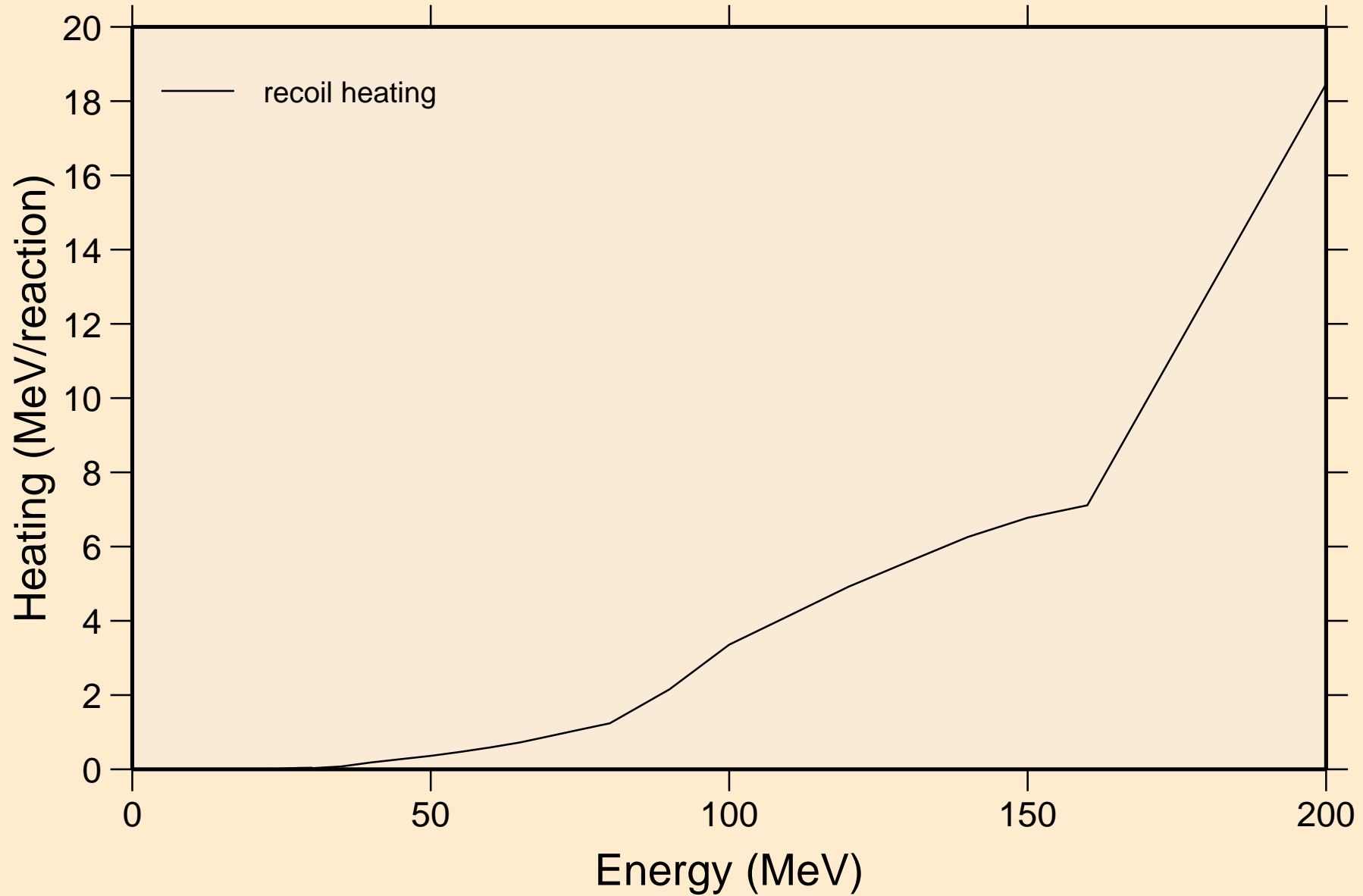
# CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



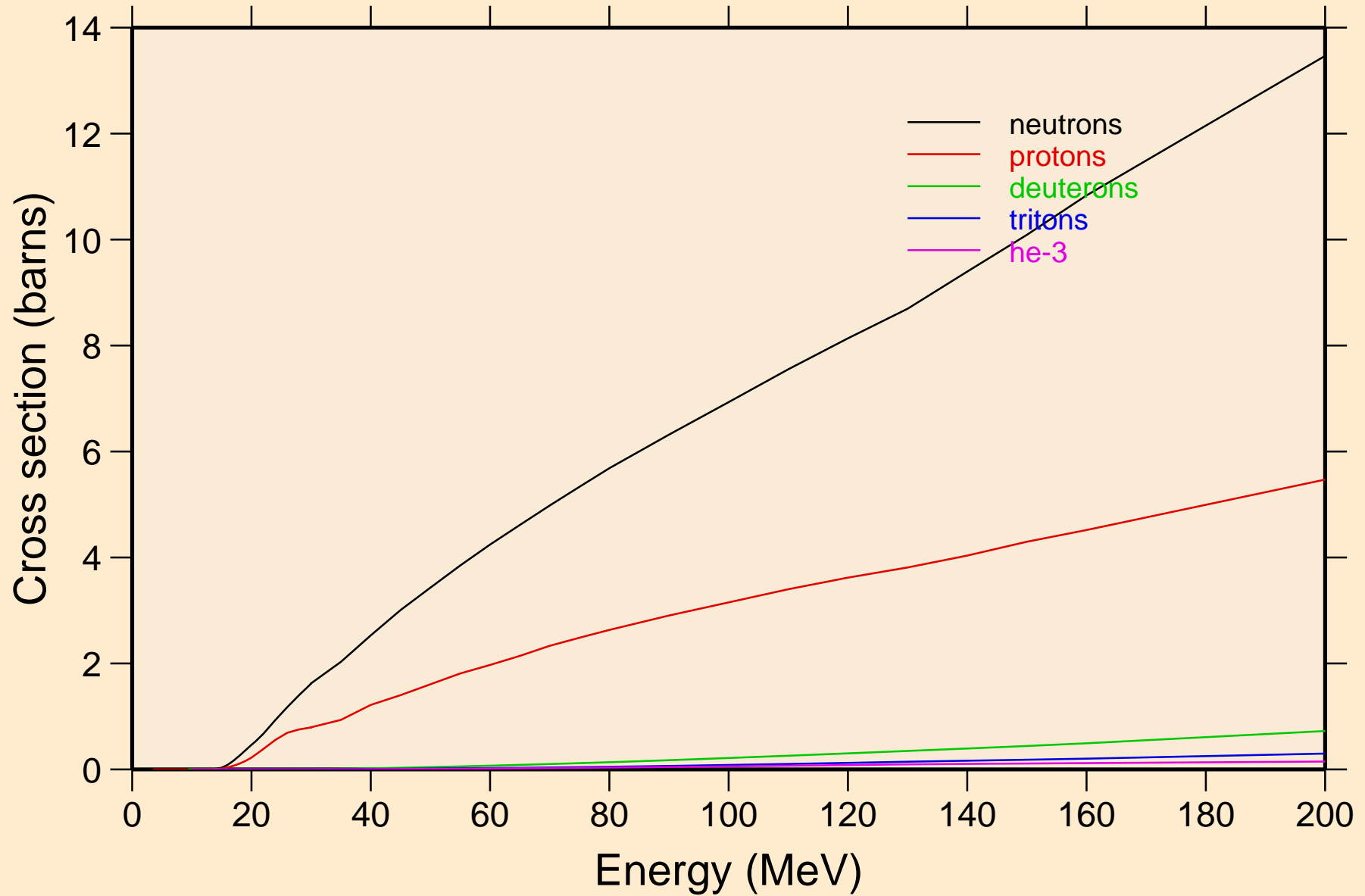
# CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

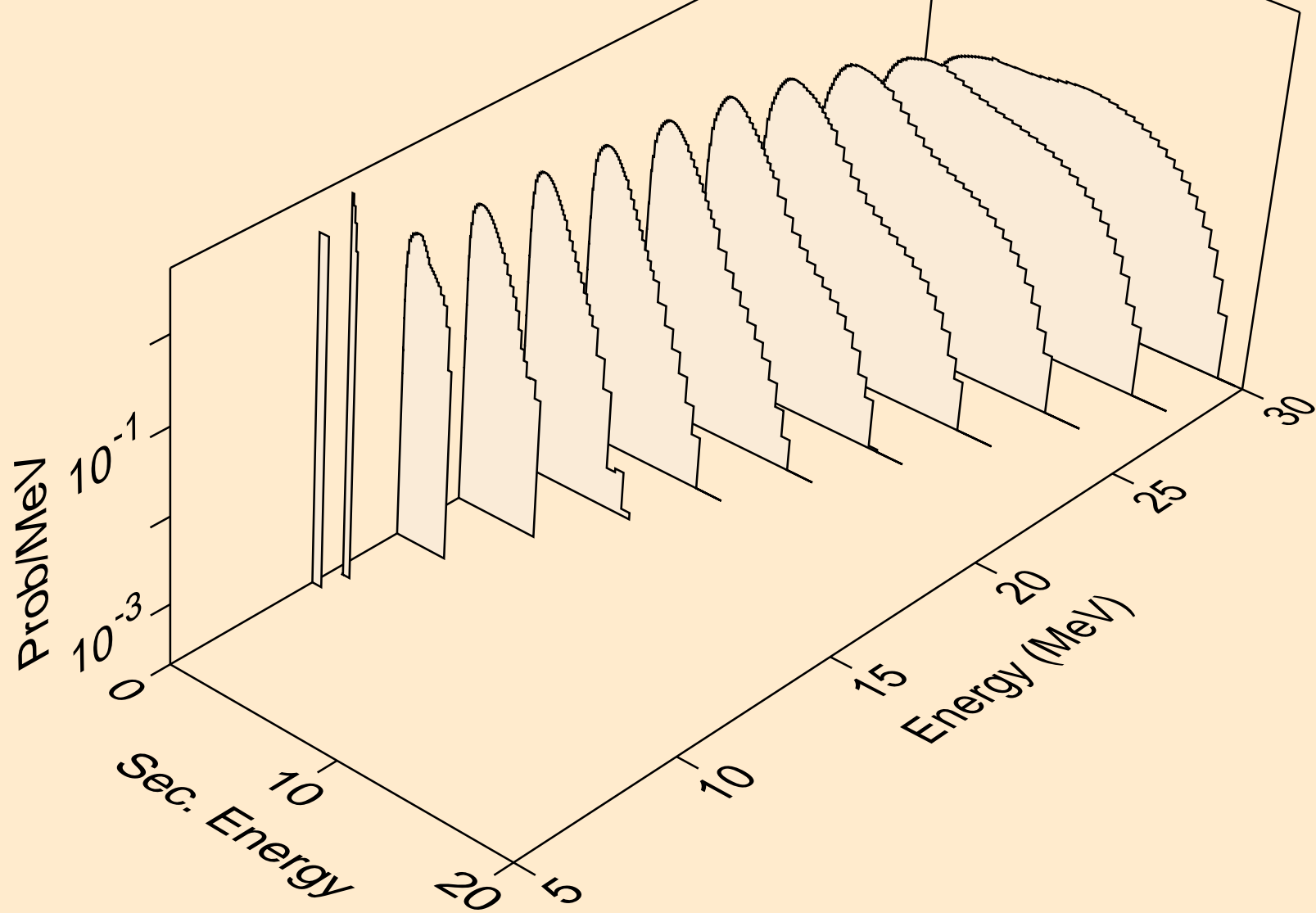


# CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

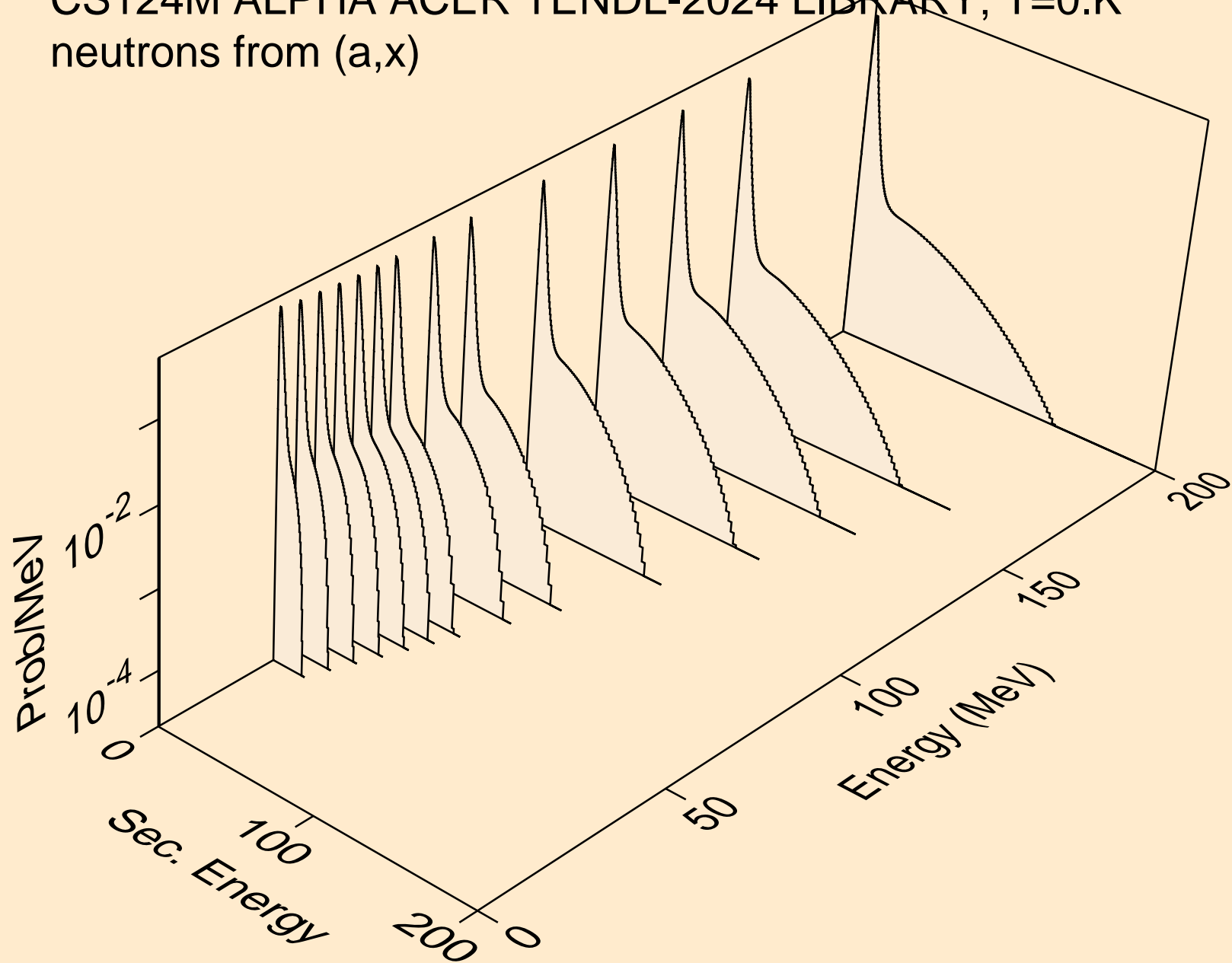
## Particle production cross sections



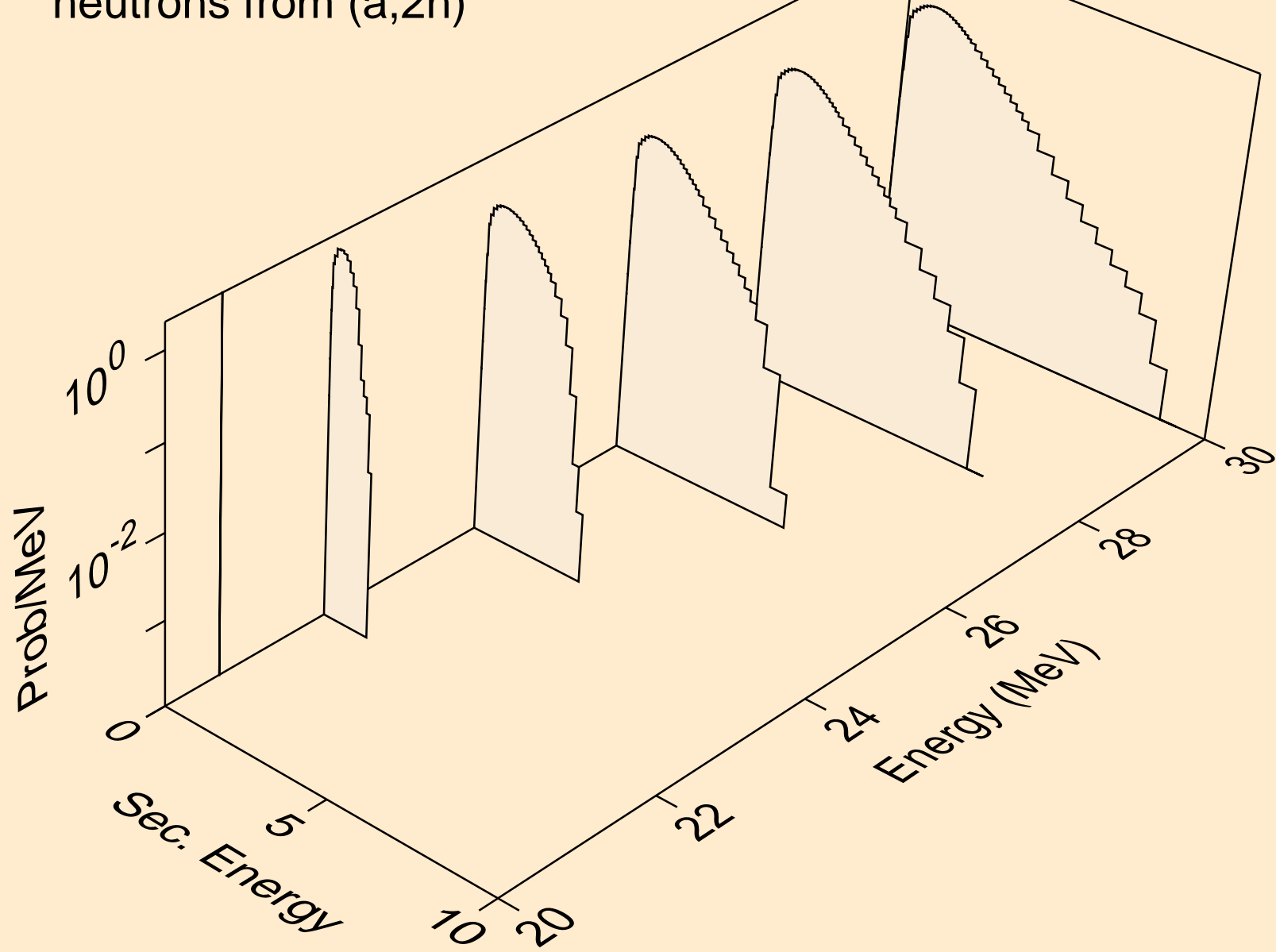
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



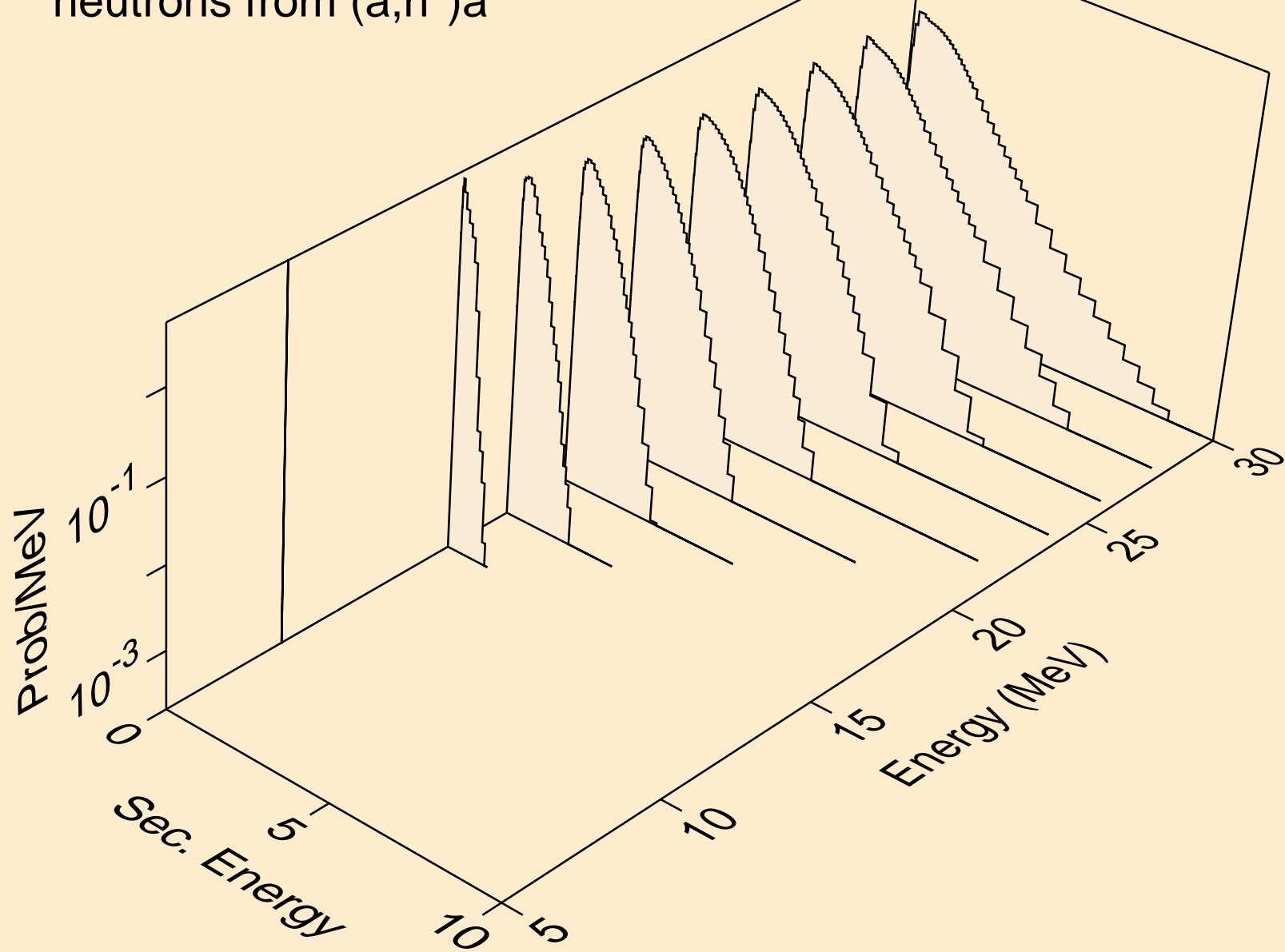
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



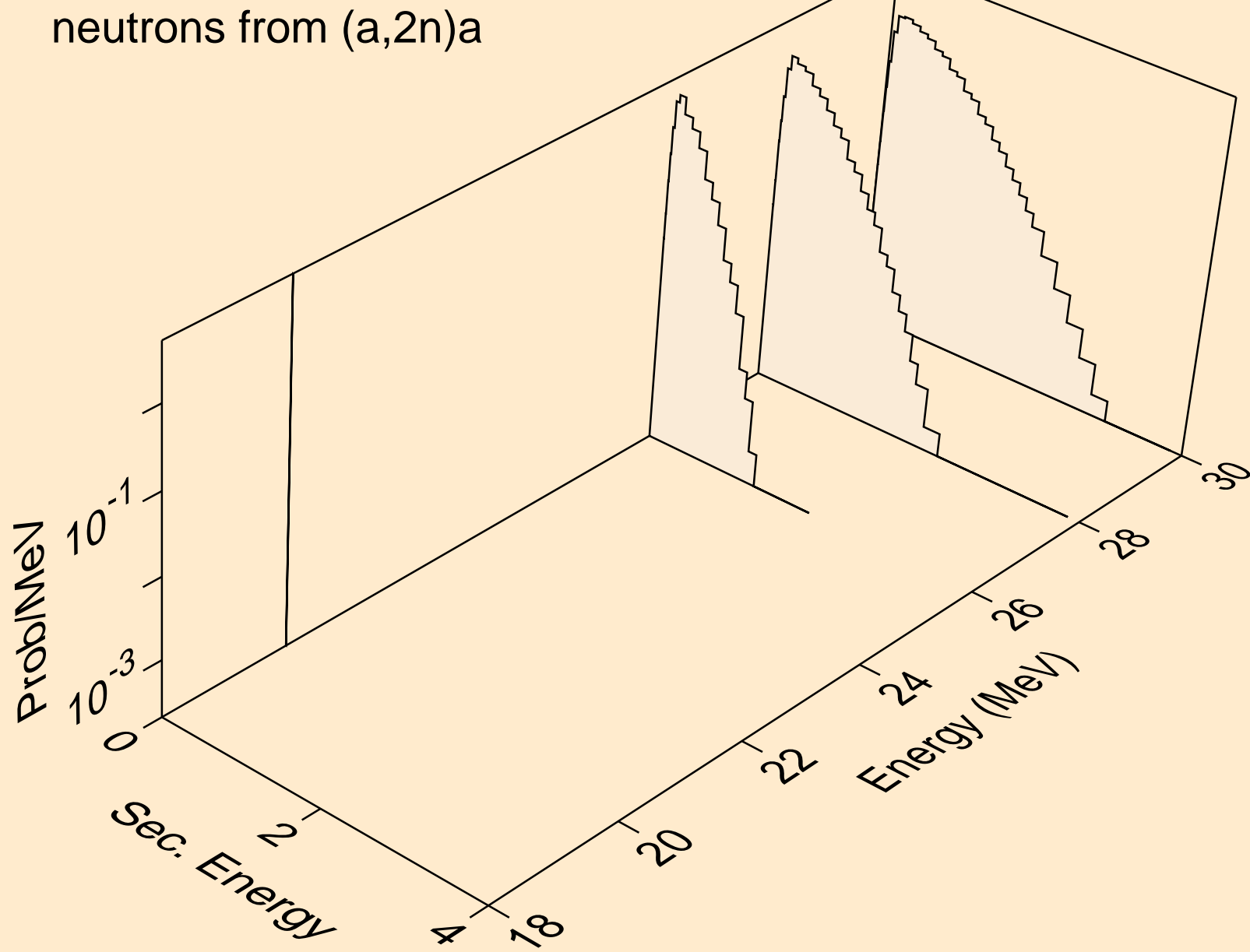
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



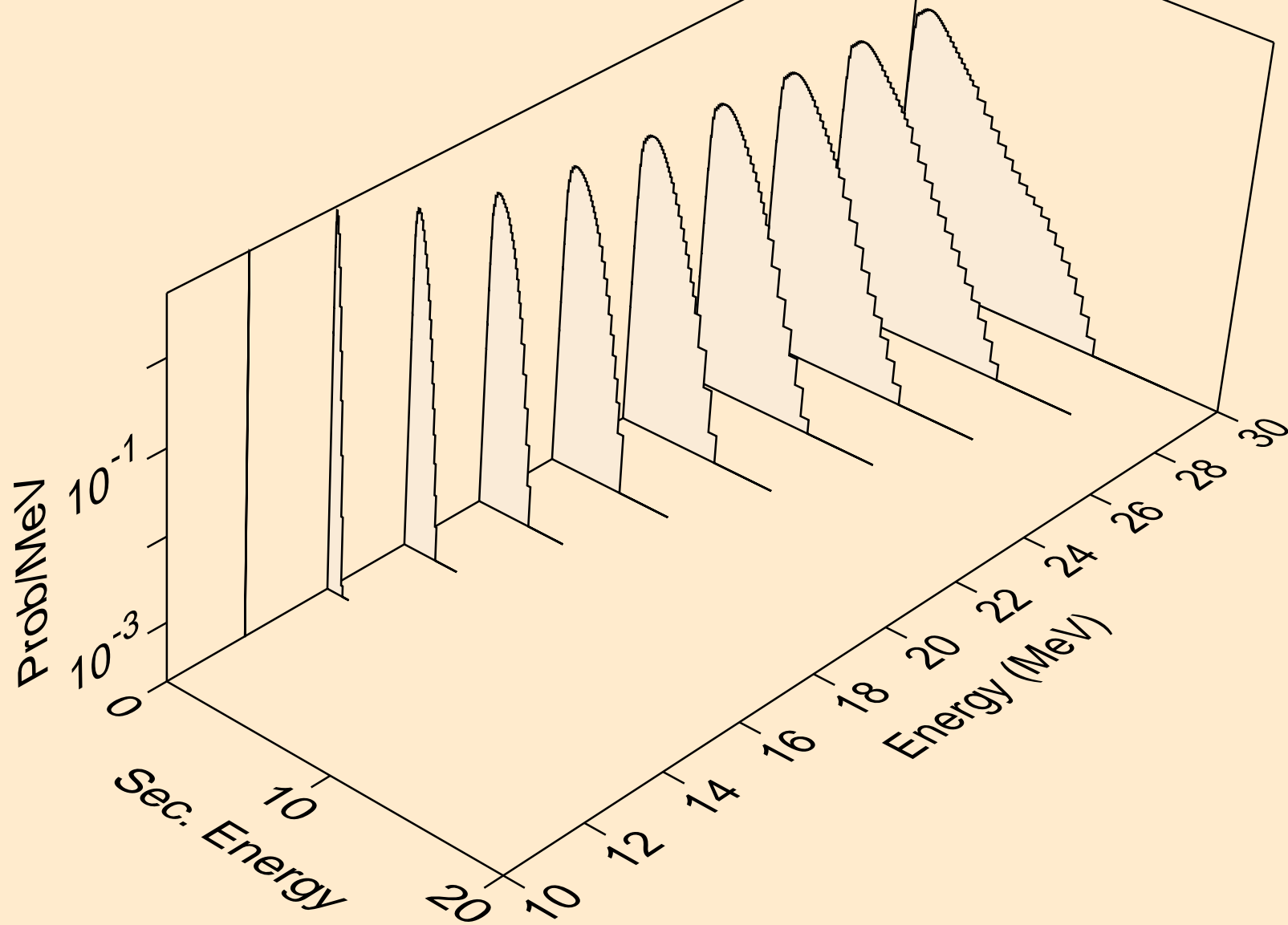
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



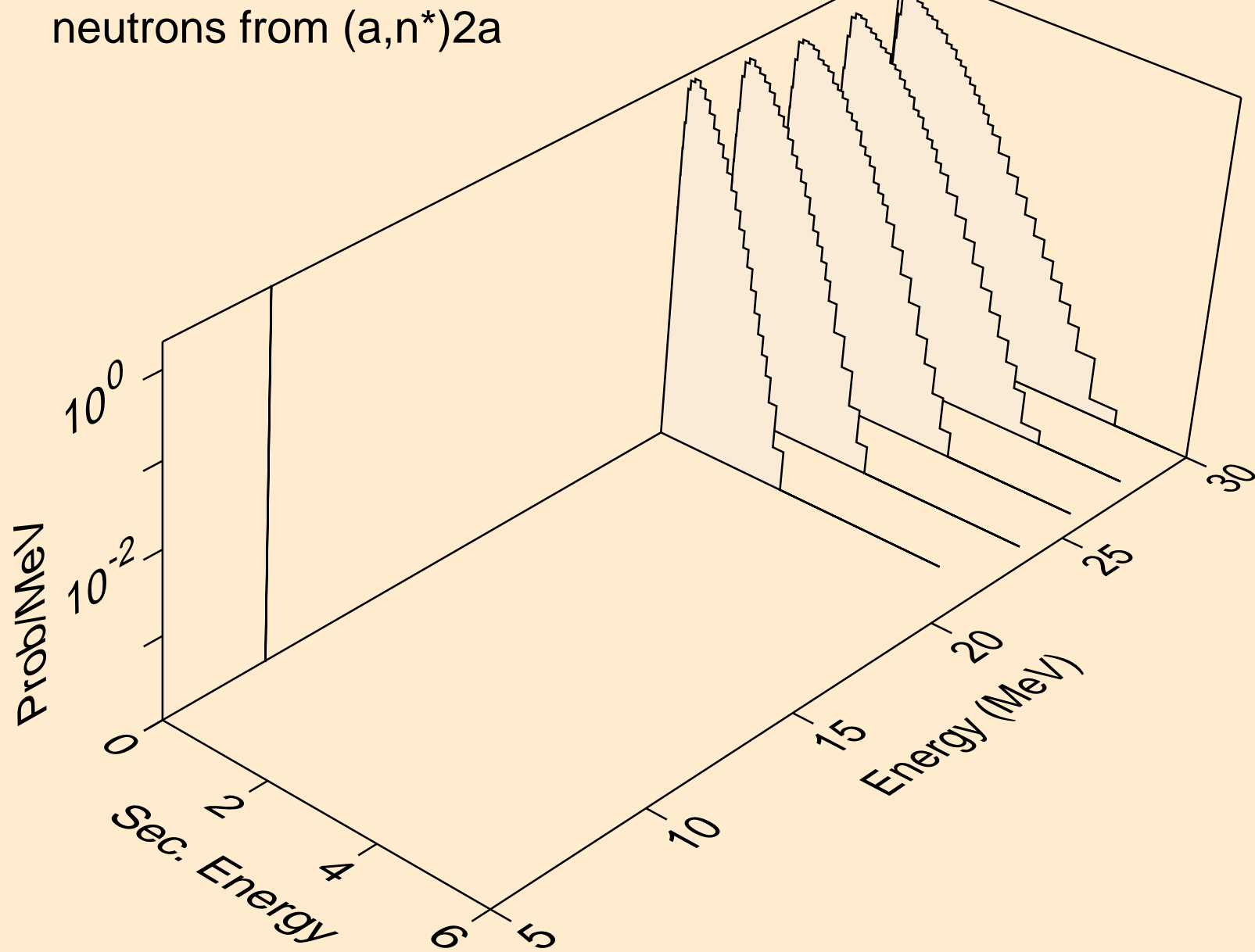
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a



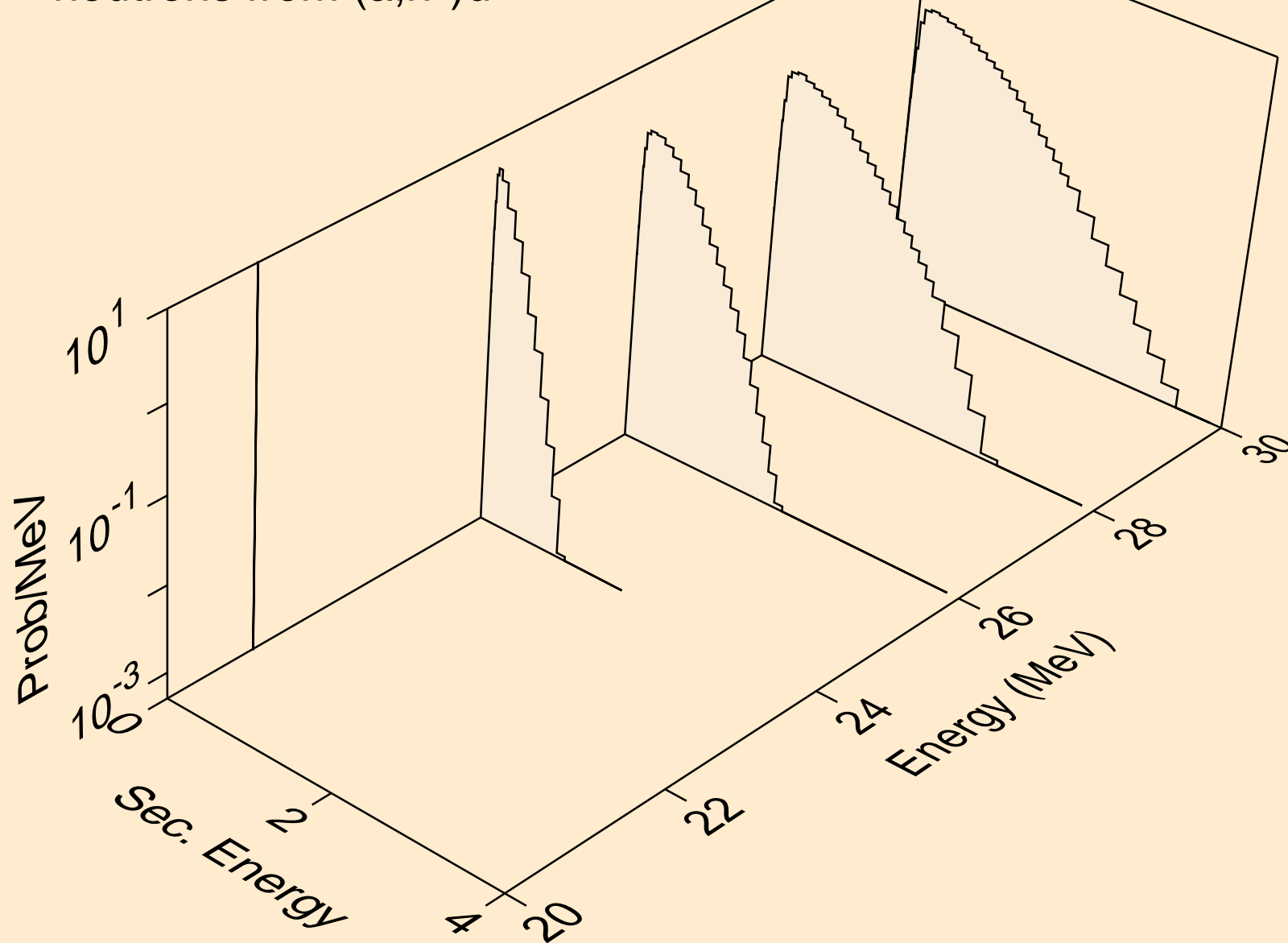
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



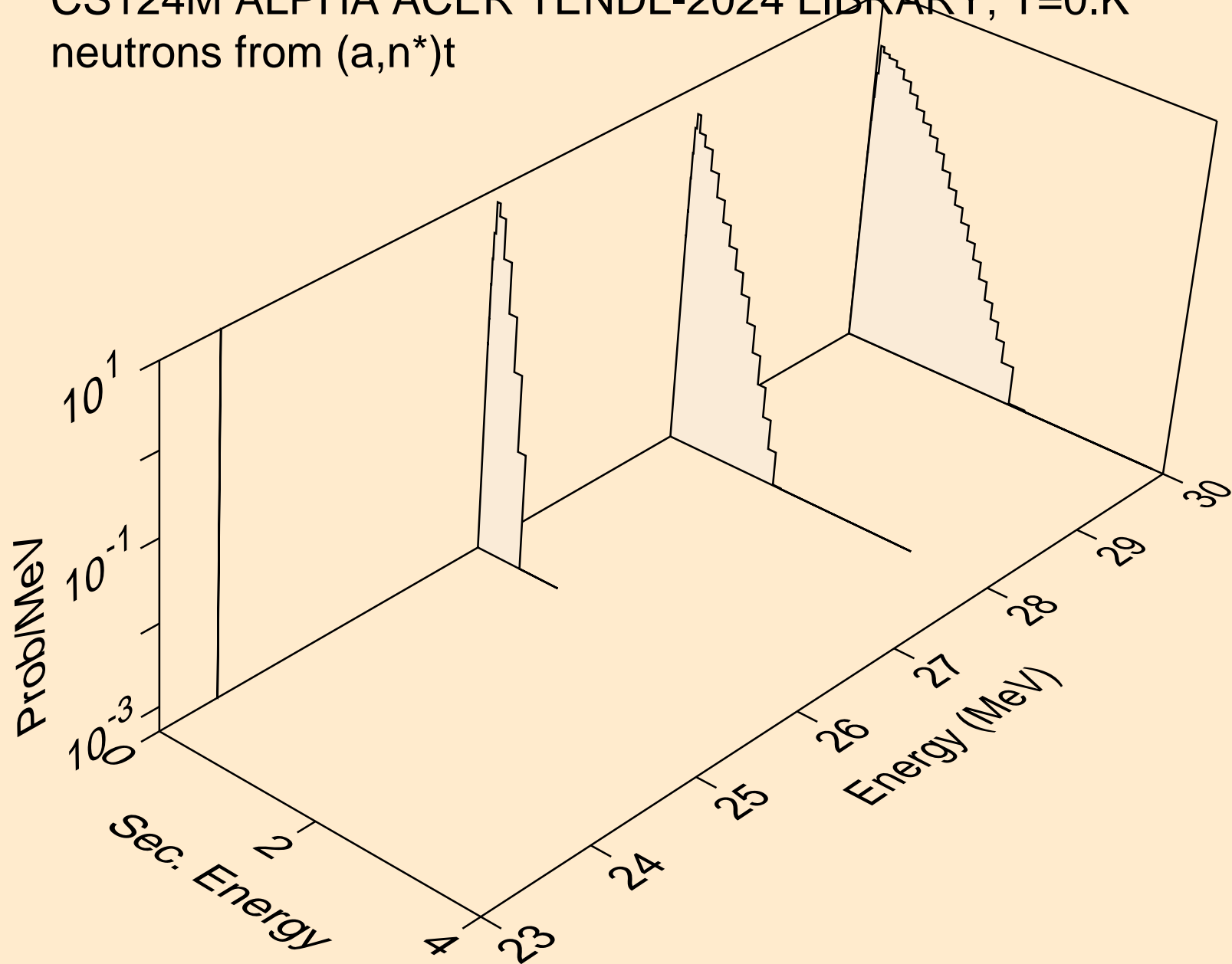
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



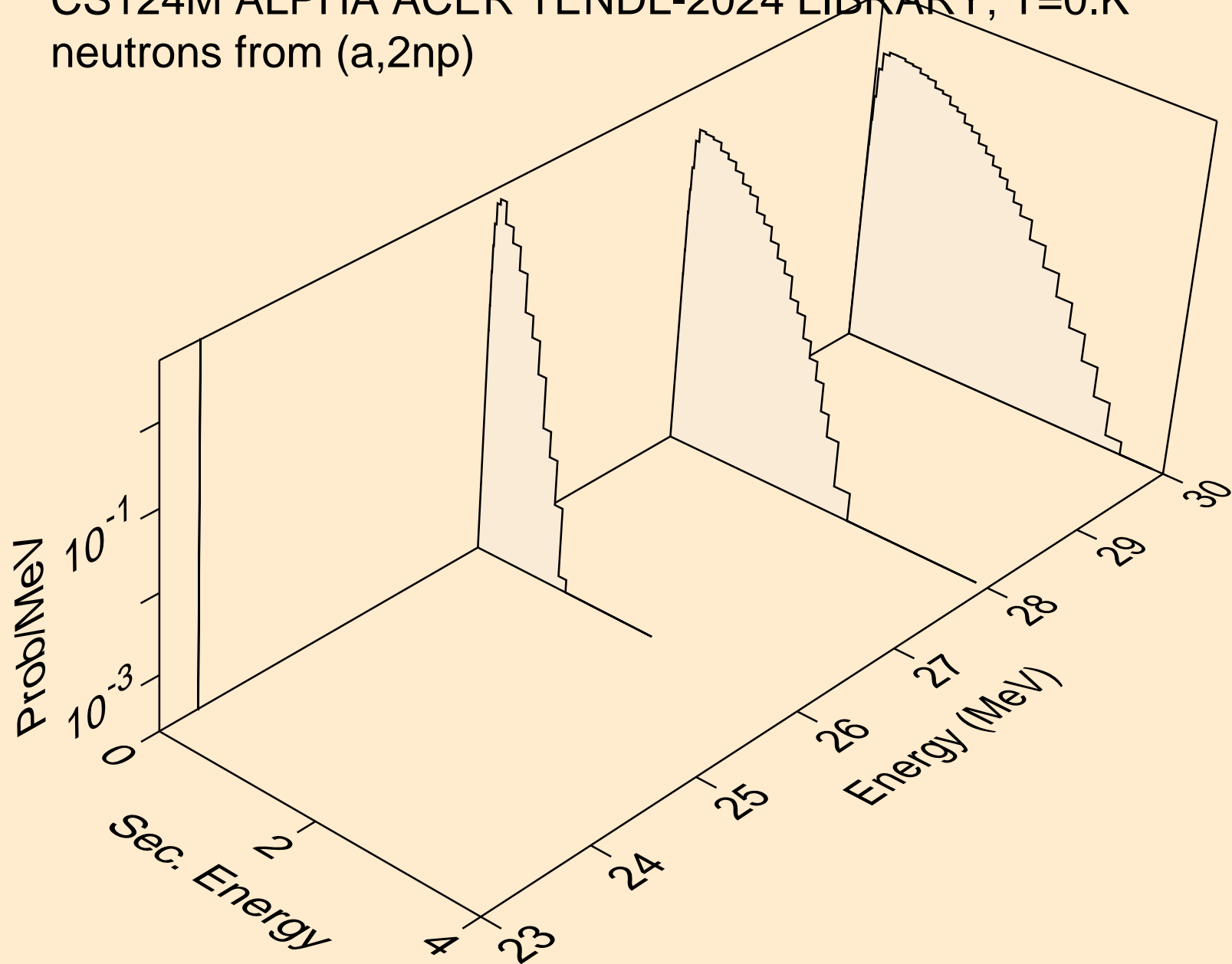
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)d



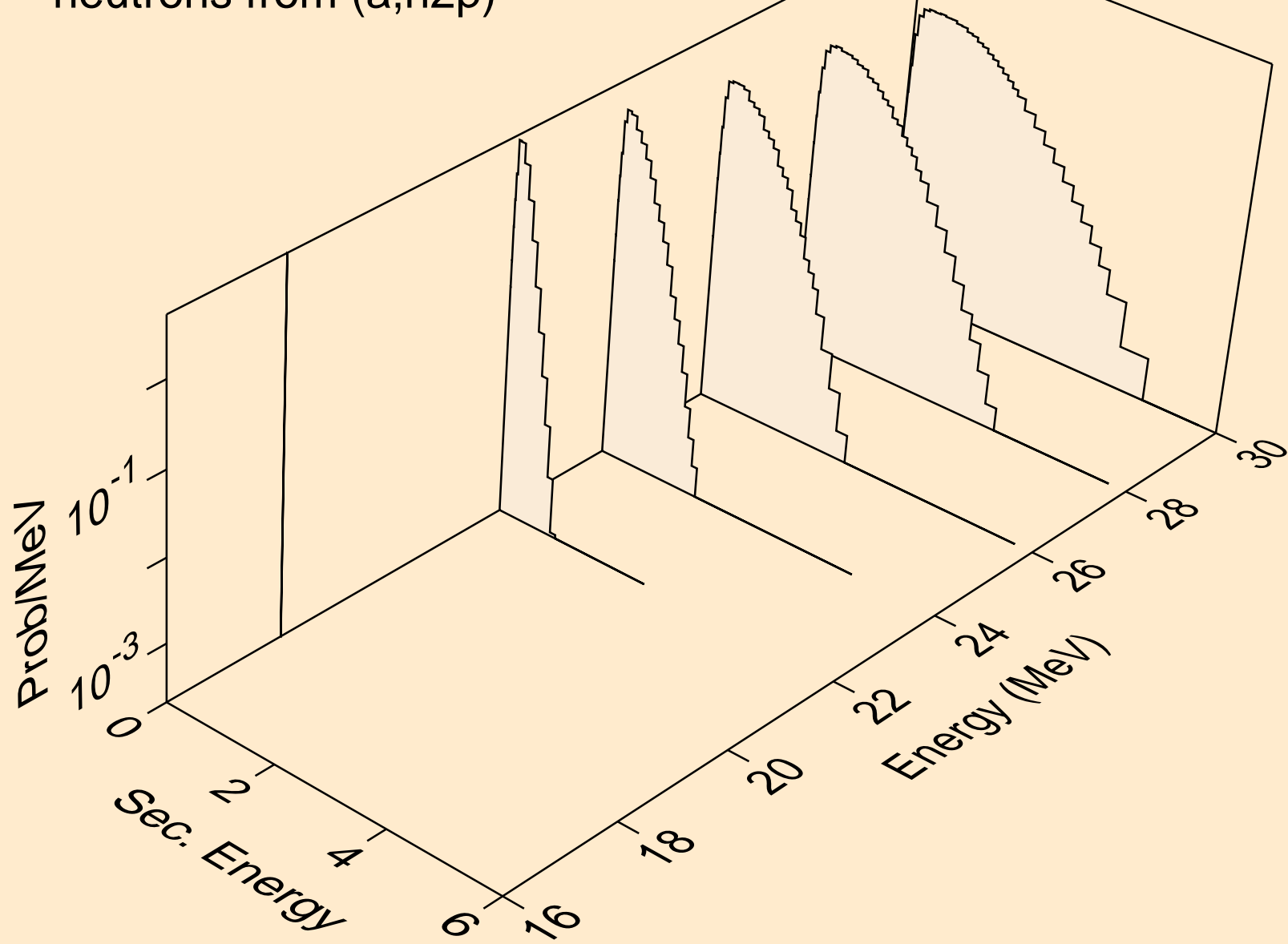
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)t



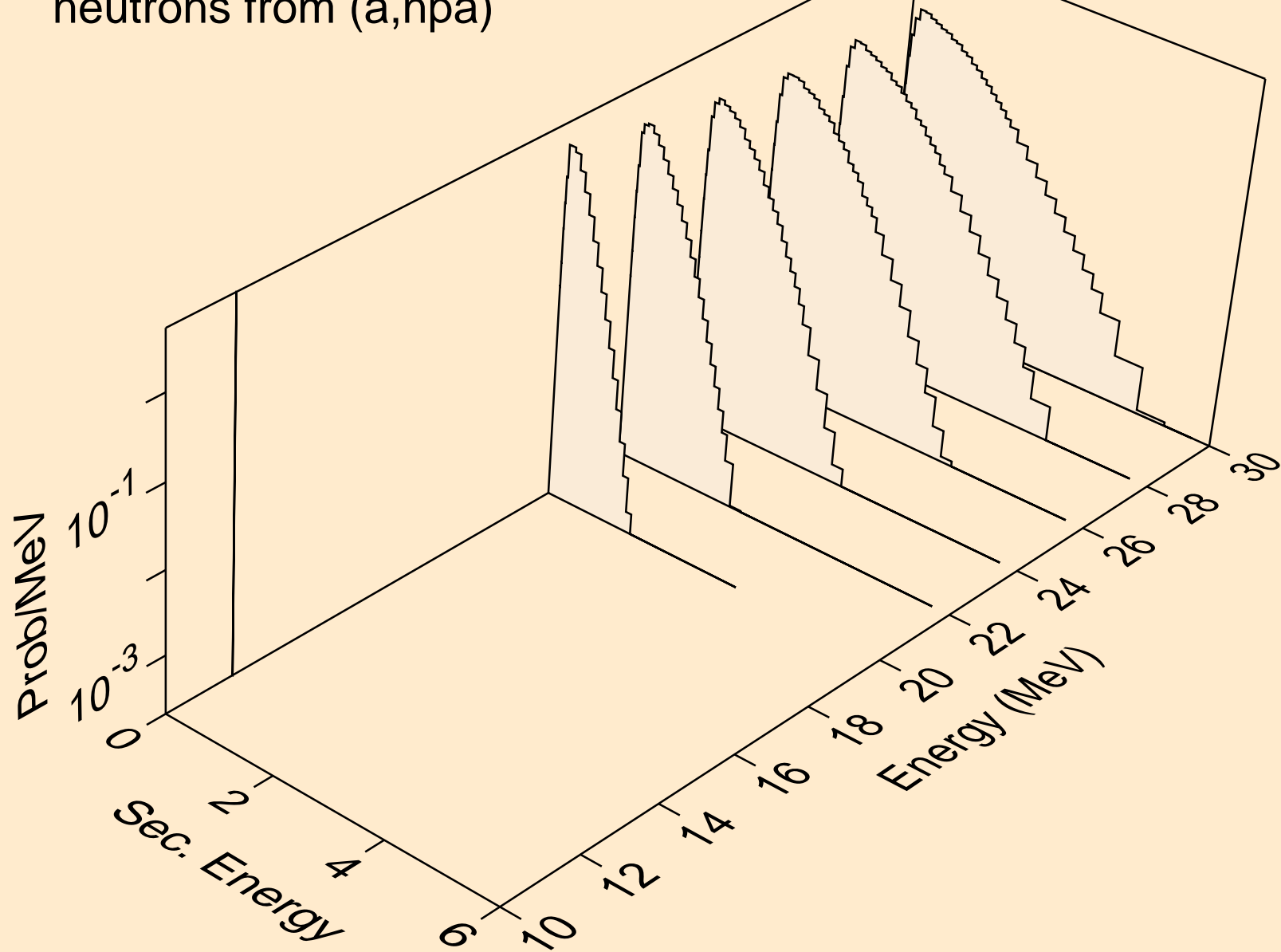
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2np)



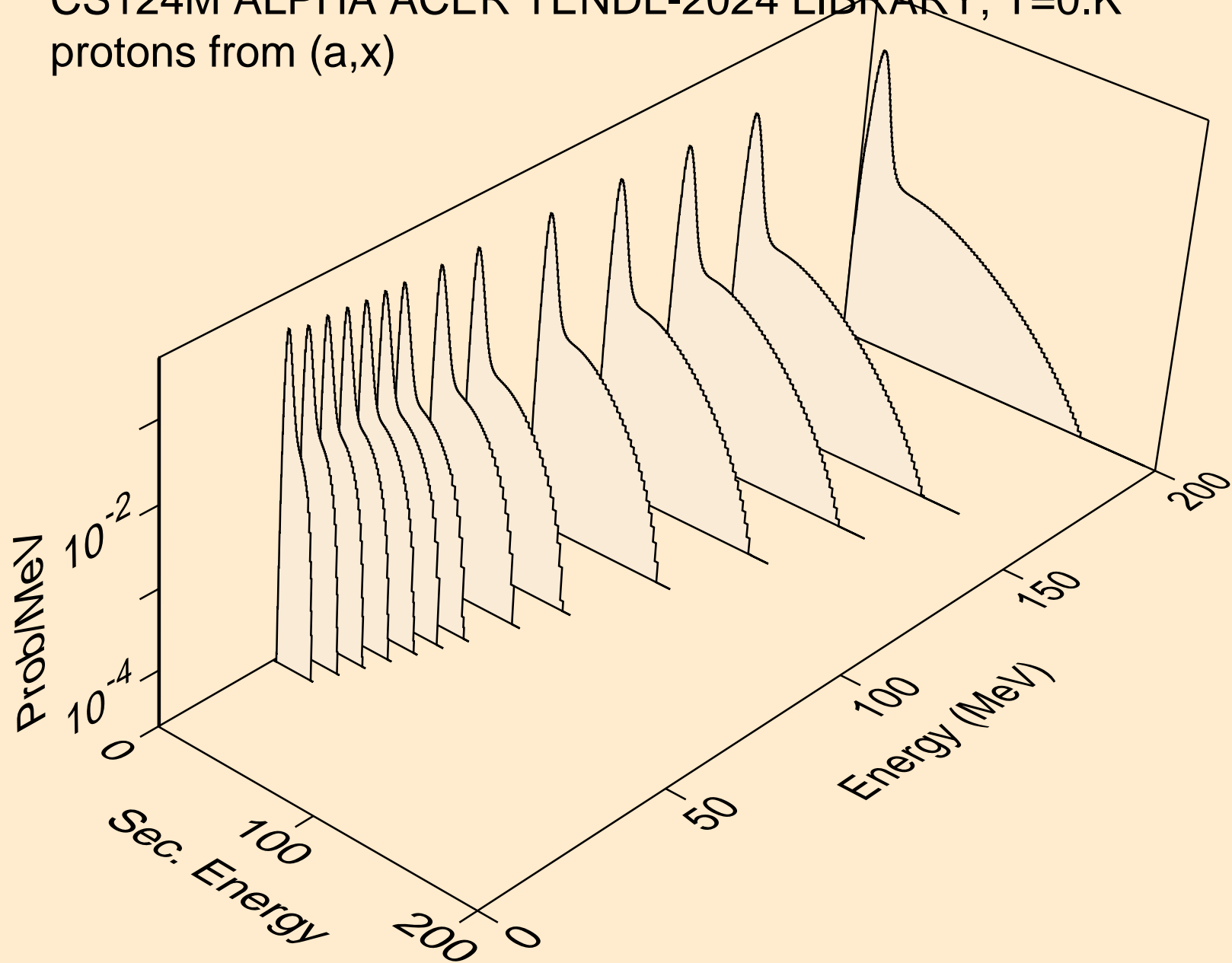
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n2p)



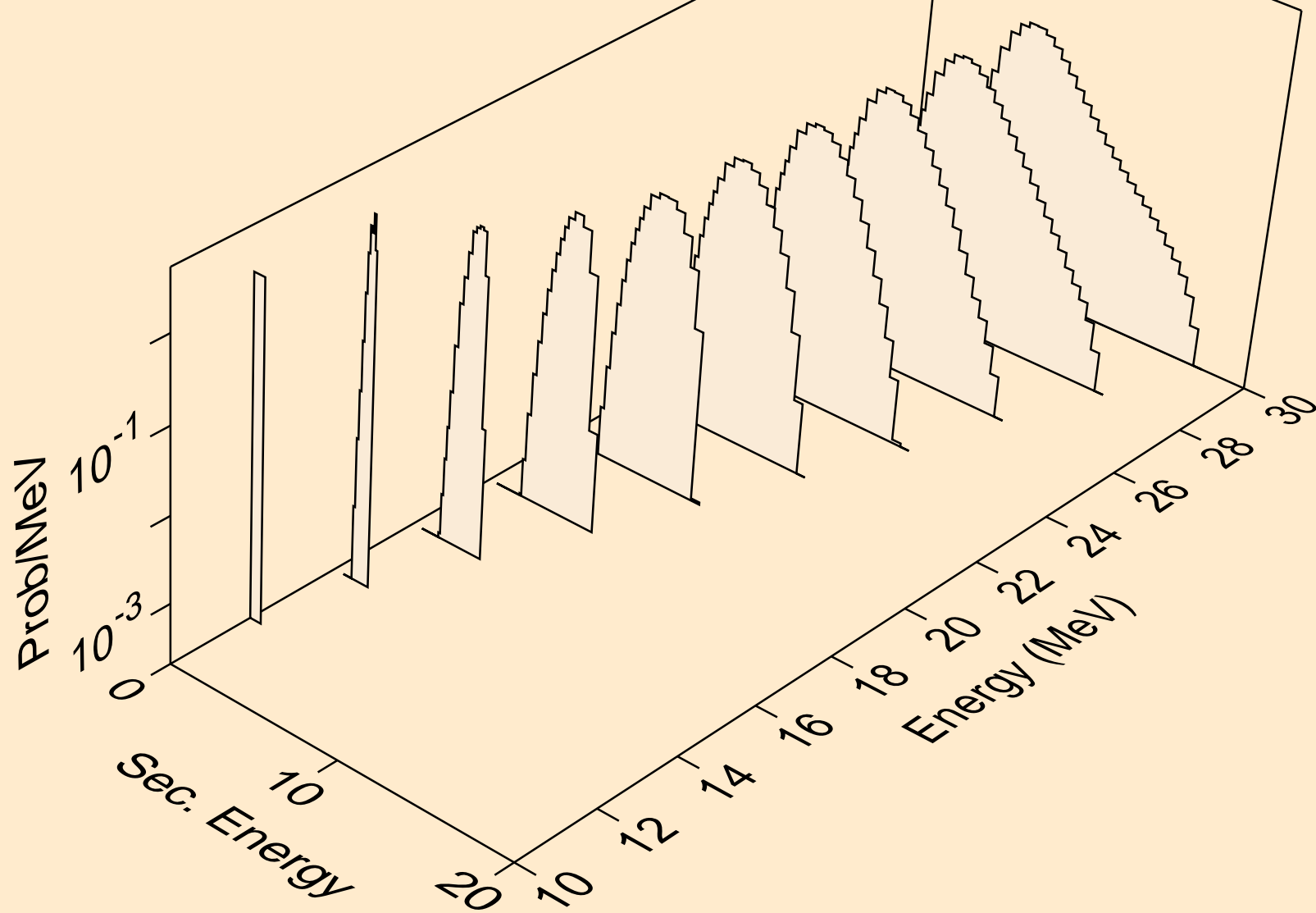
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,npa)



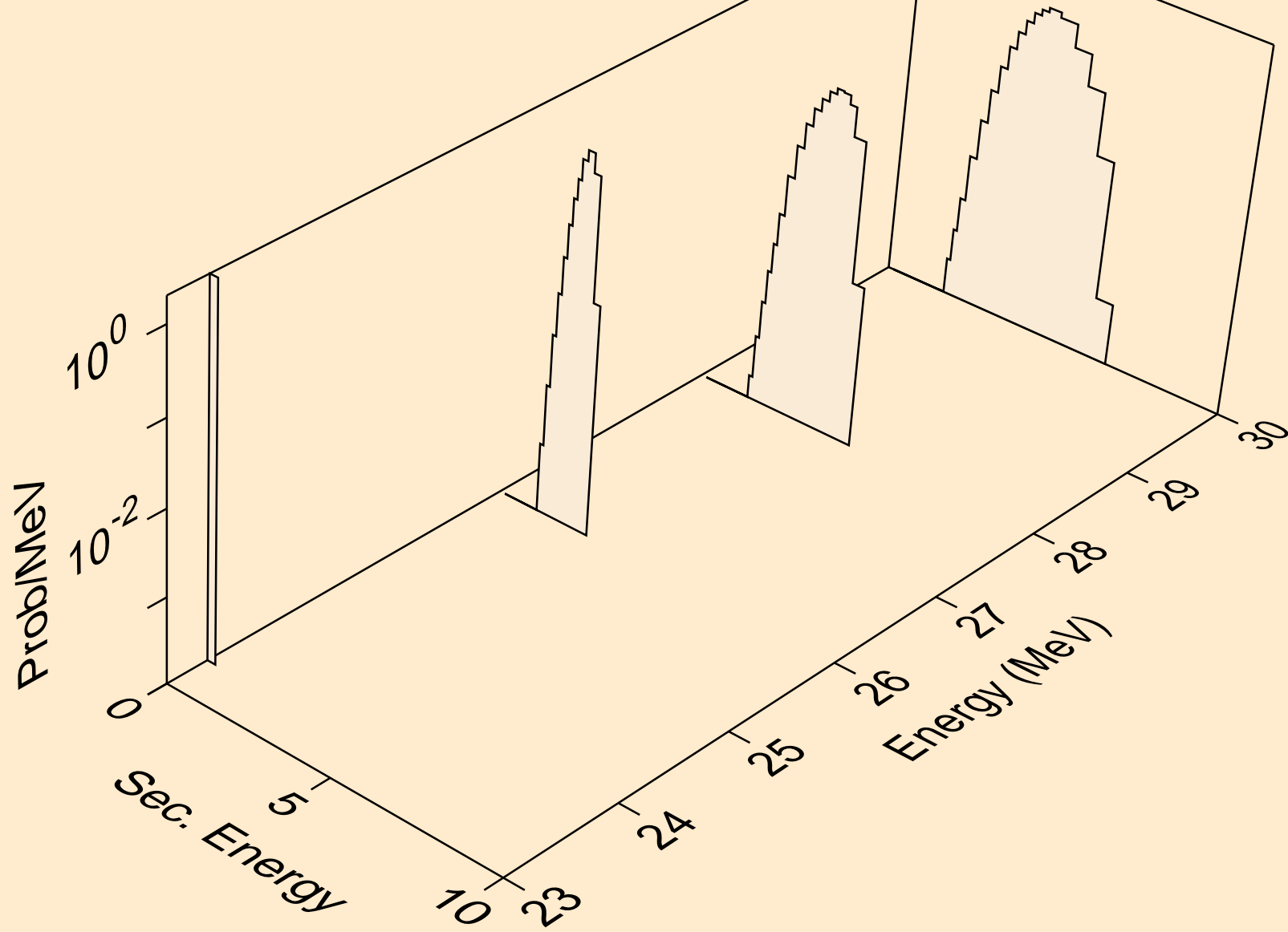
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



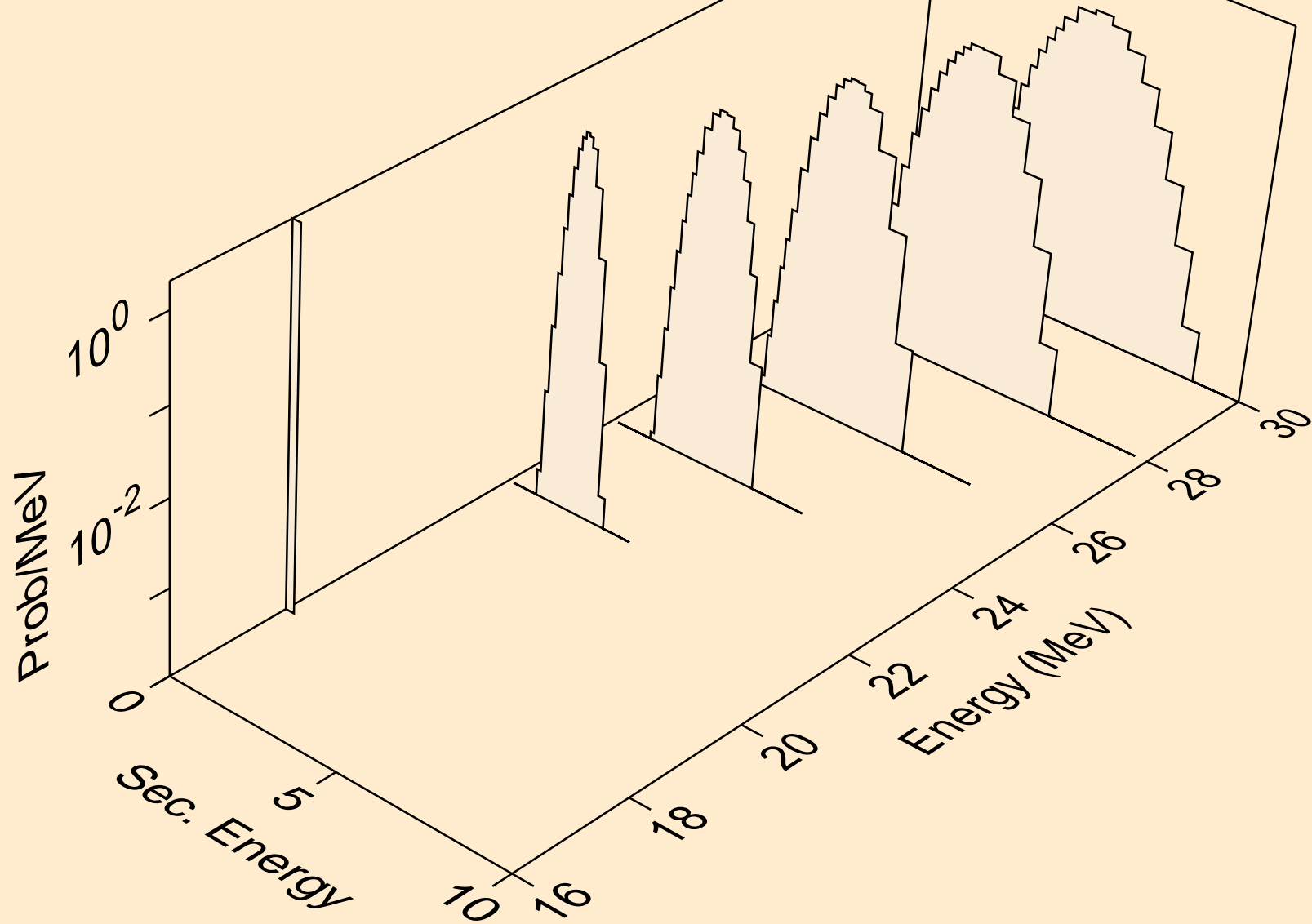
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n\*)p



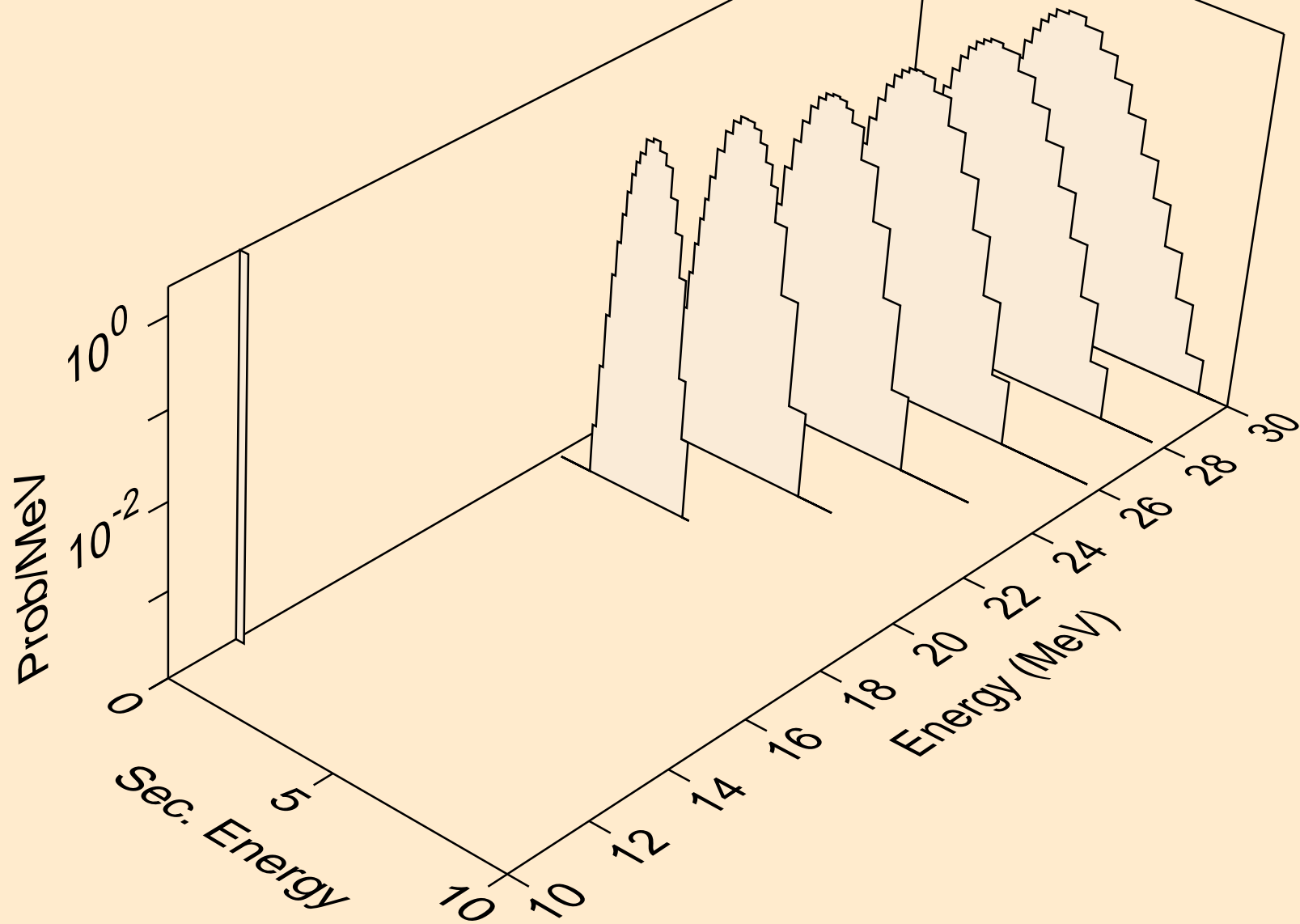
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2np)



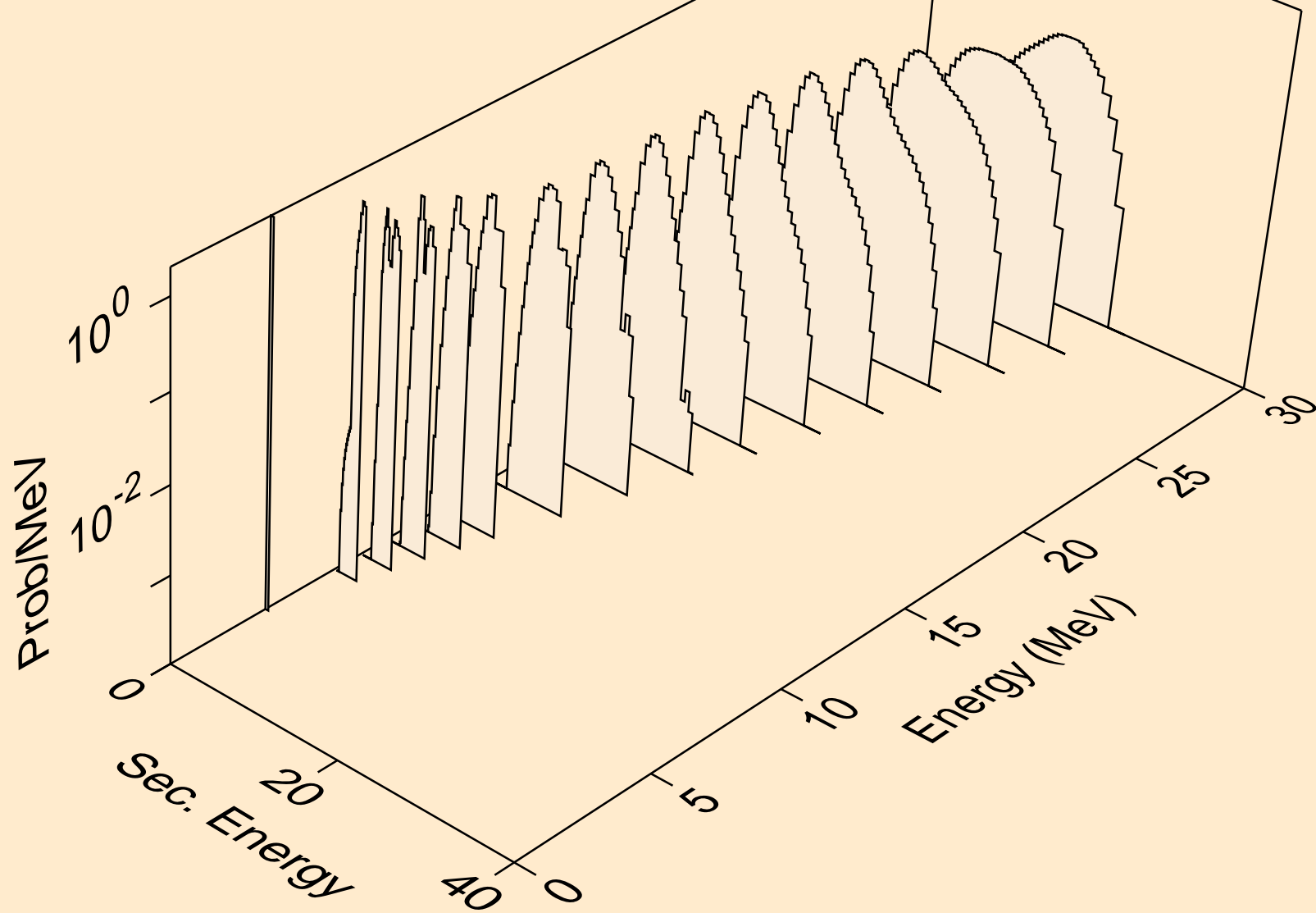
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n2p)



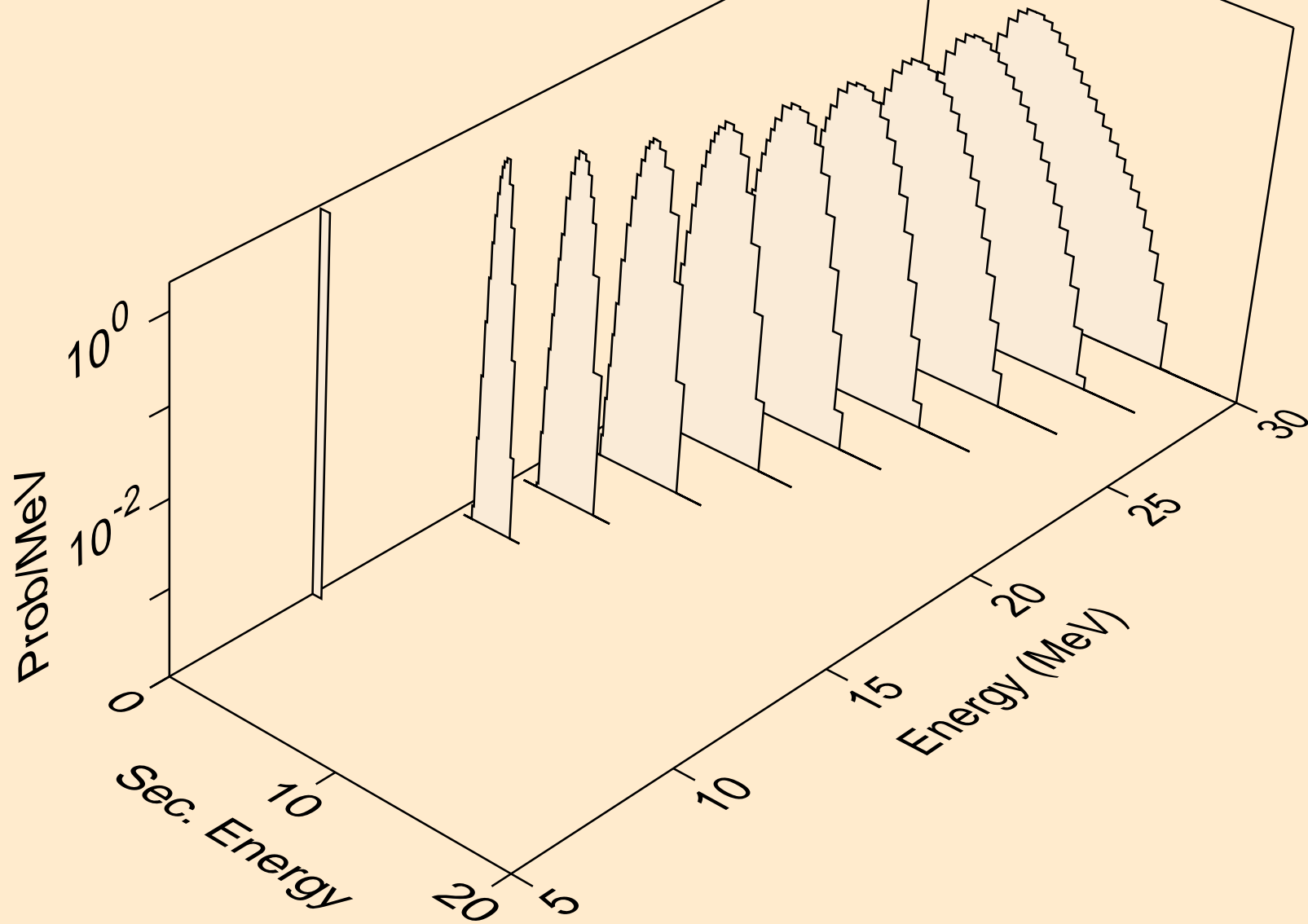
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,npa)



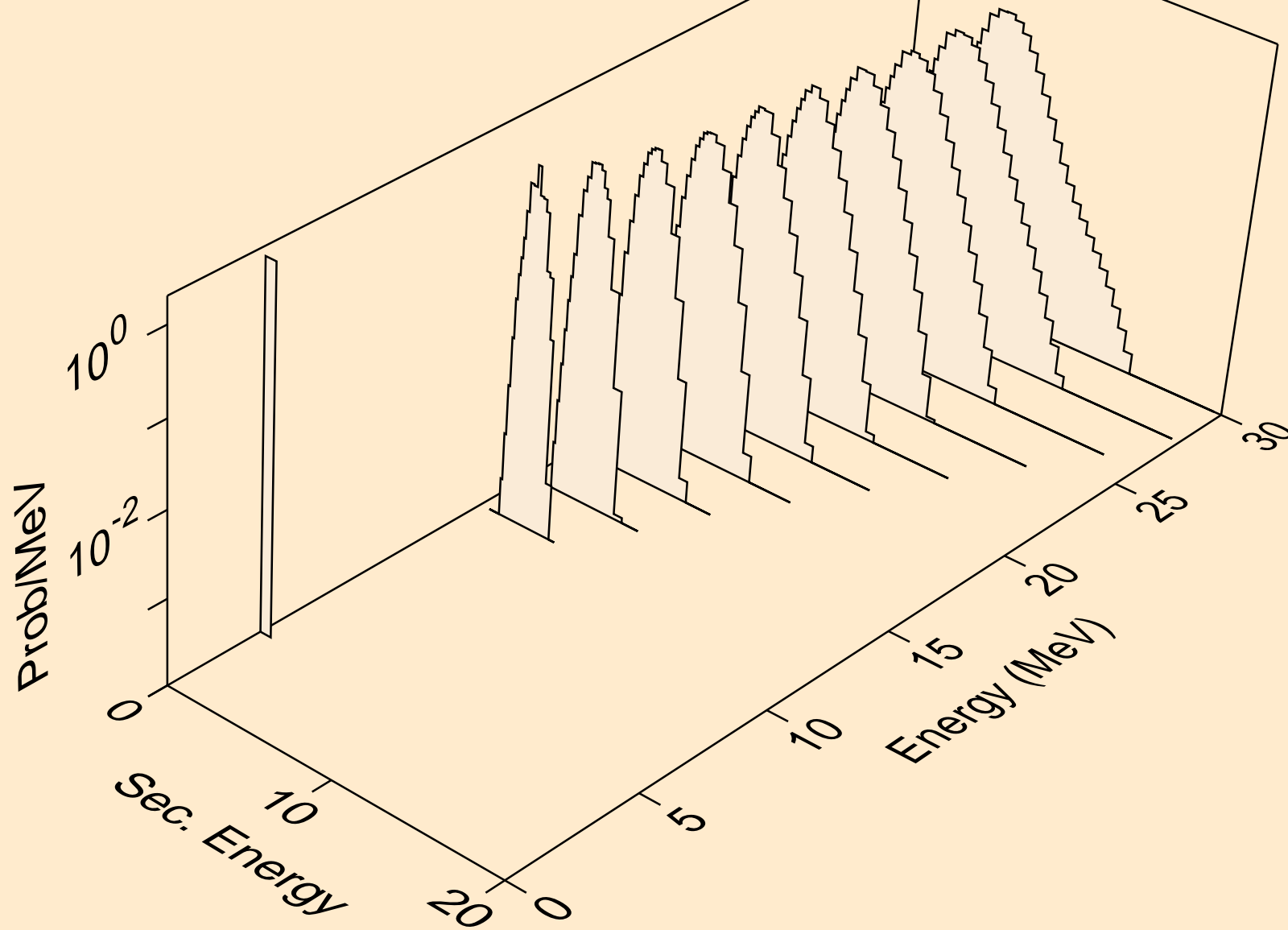
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,p)



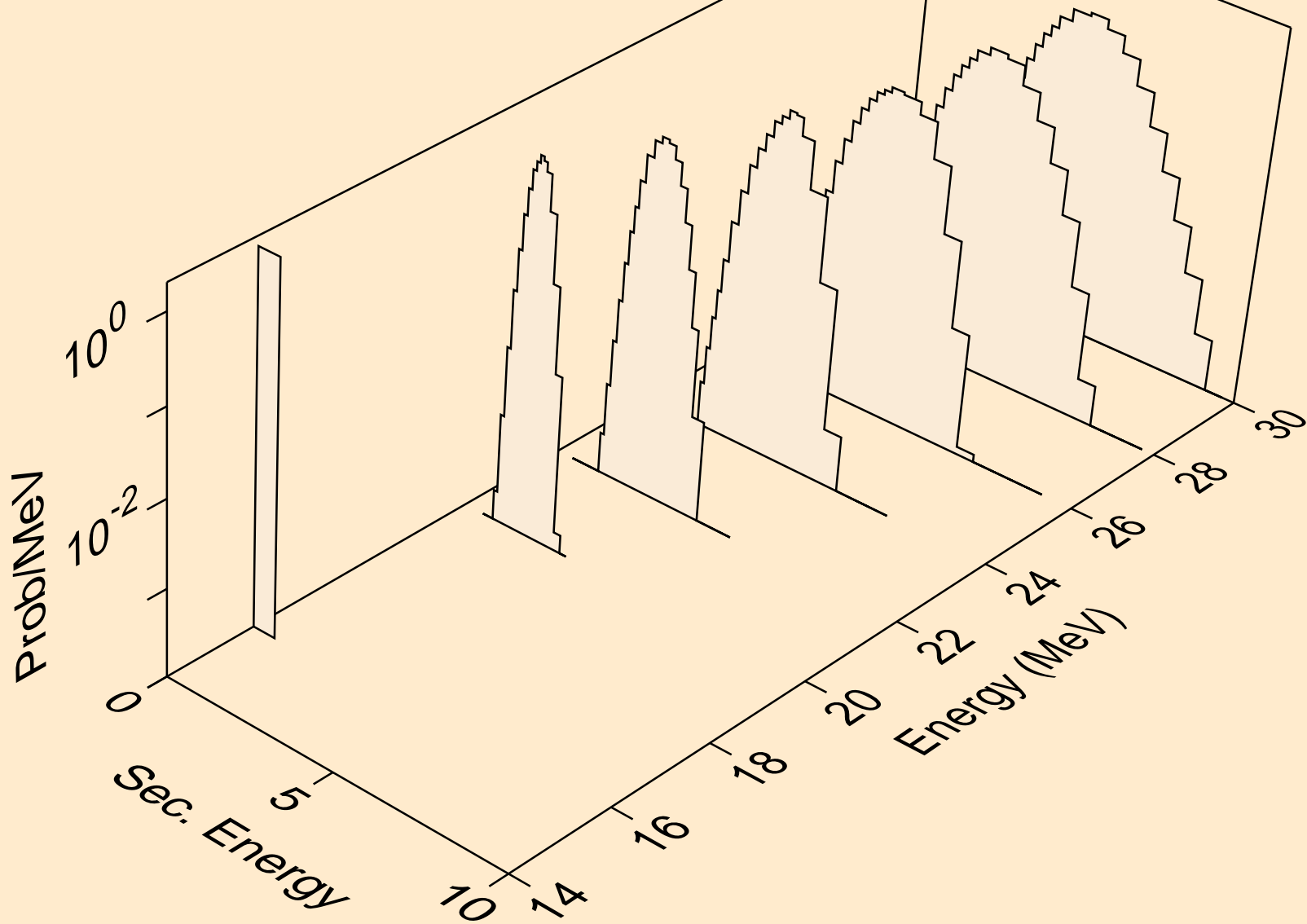
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2p)



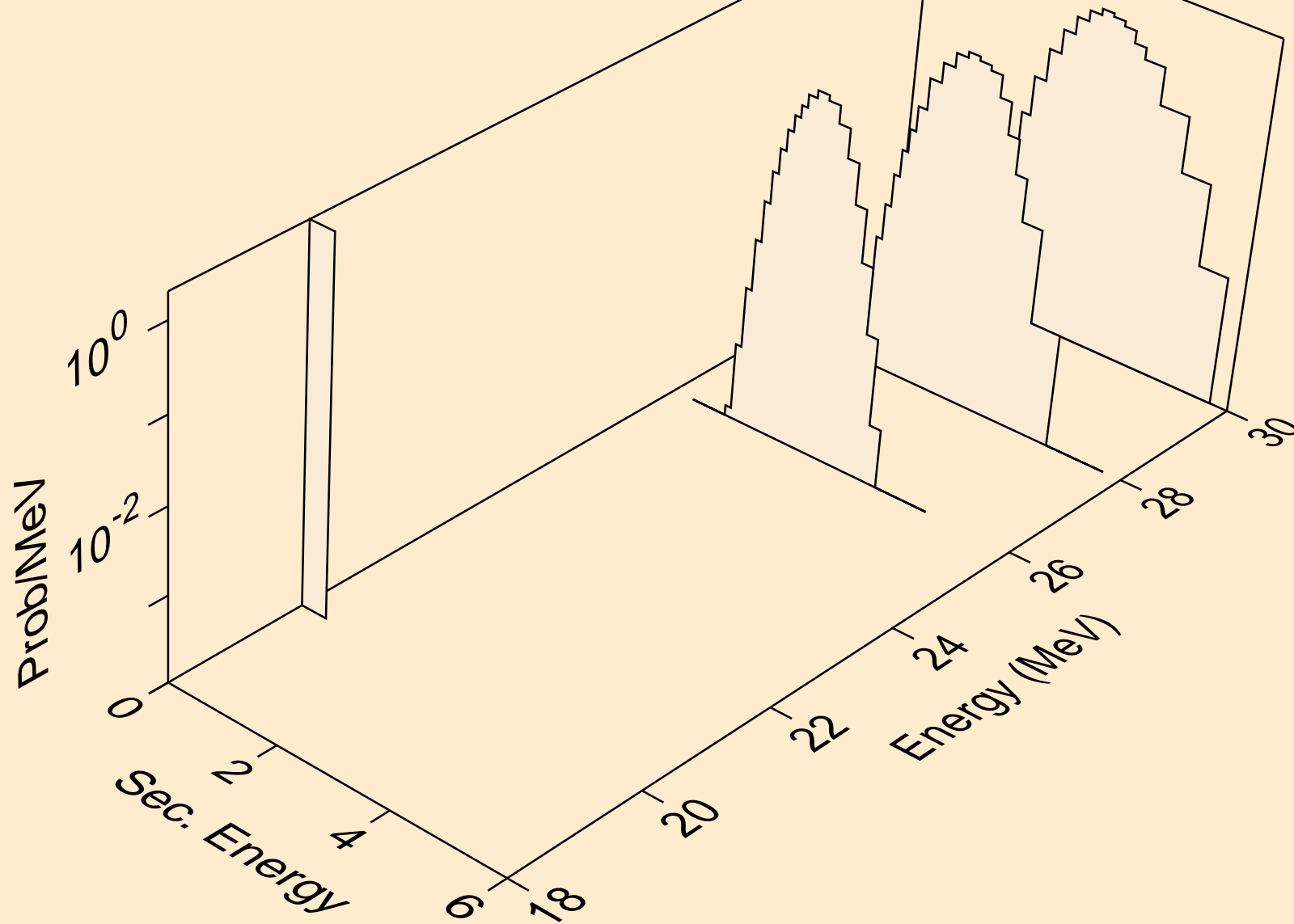
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pa)



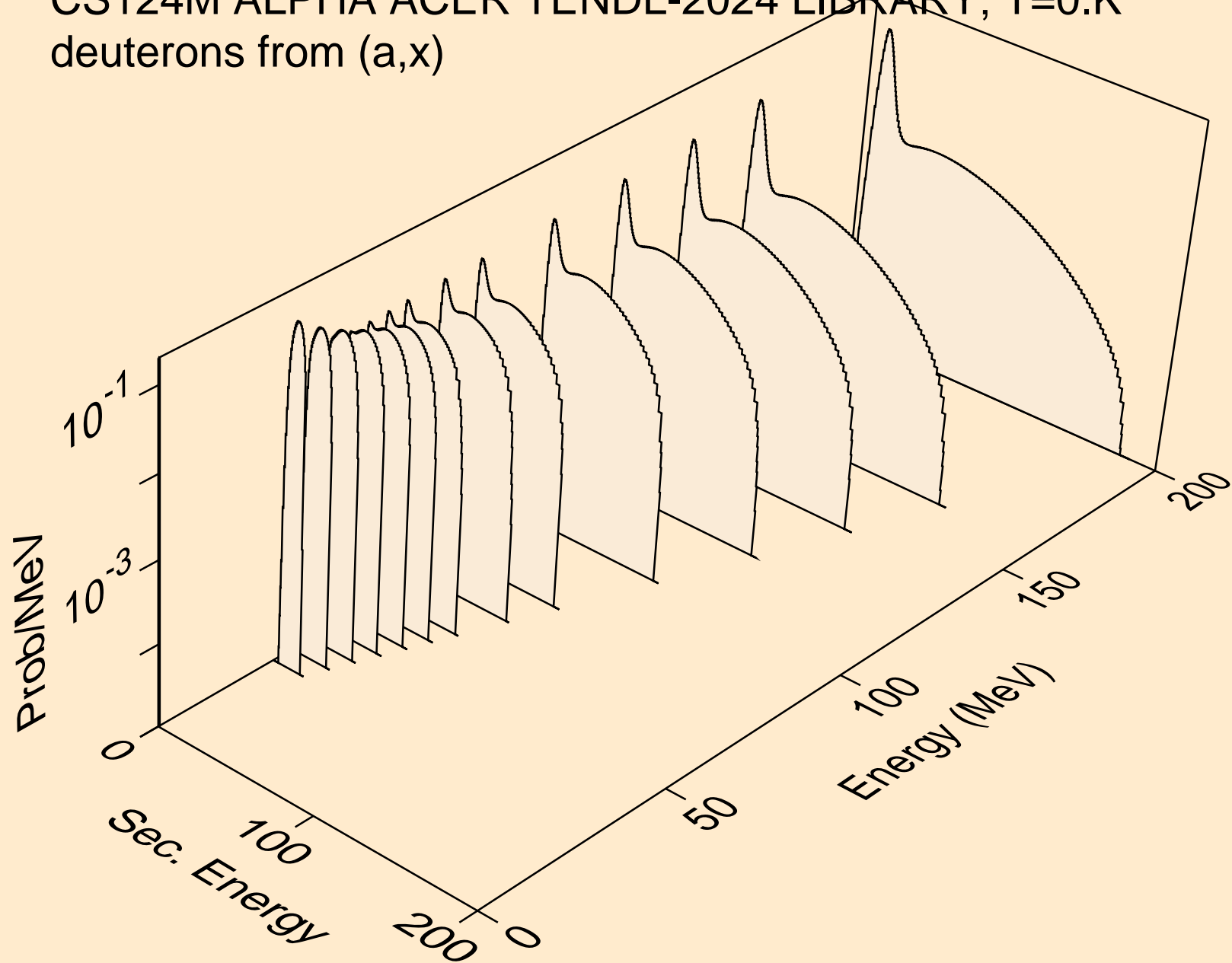
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pd)



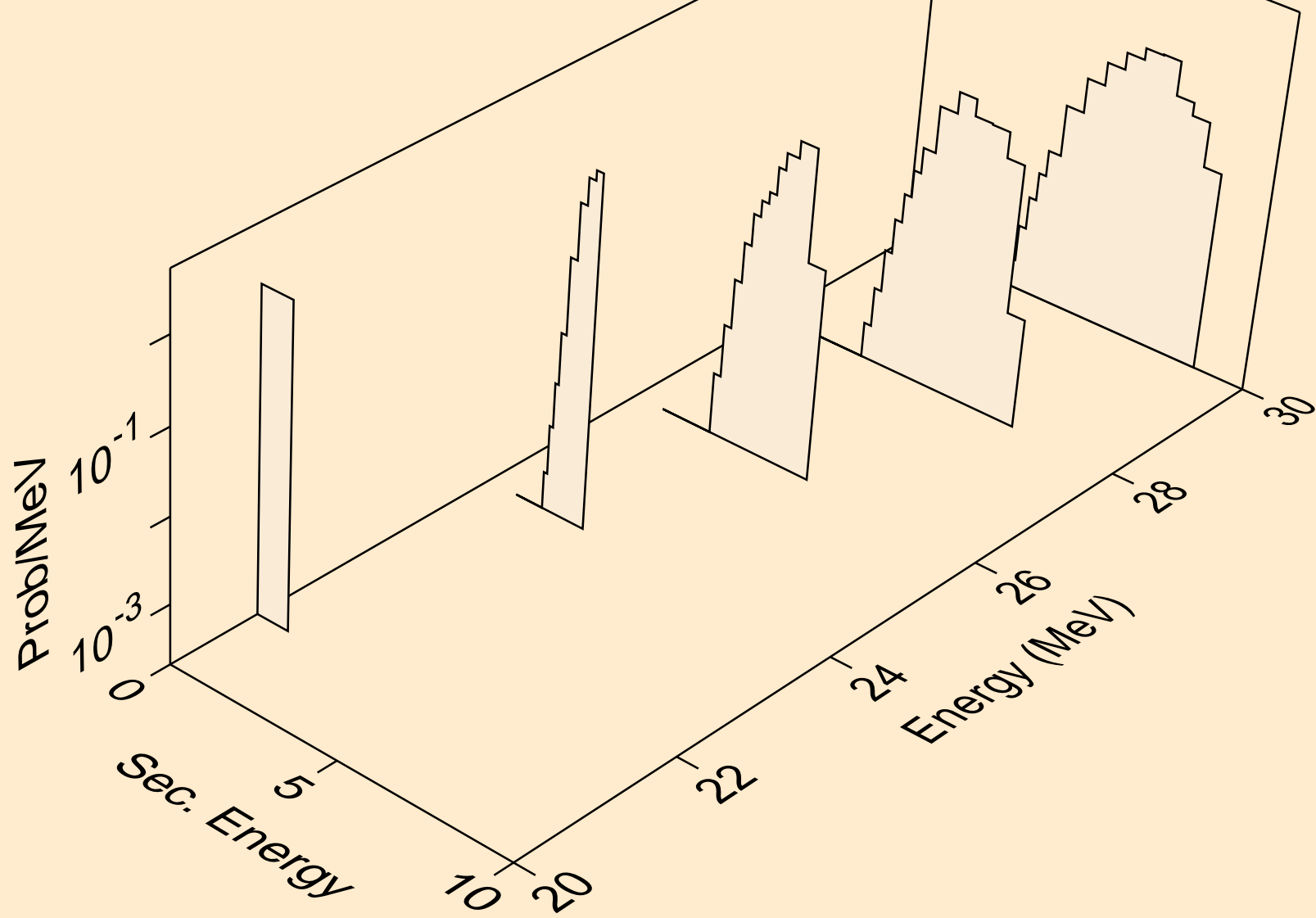
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pt)



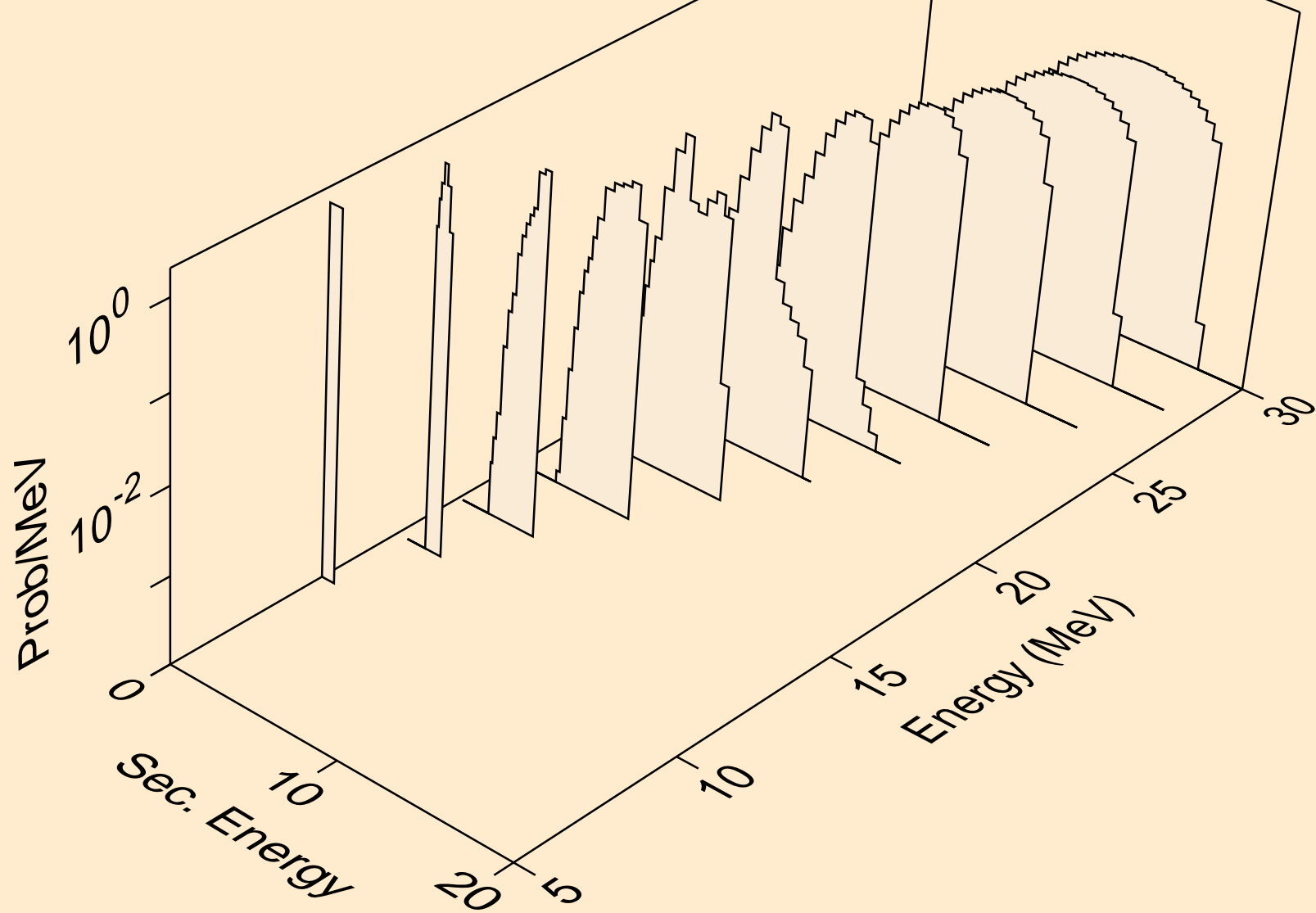
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



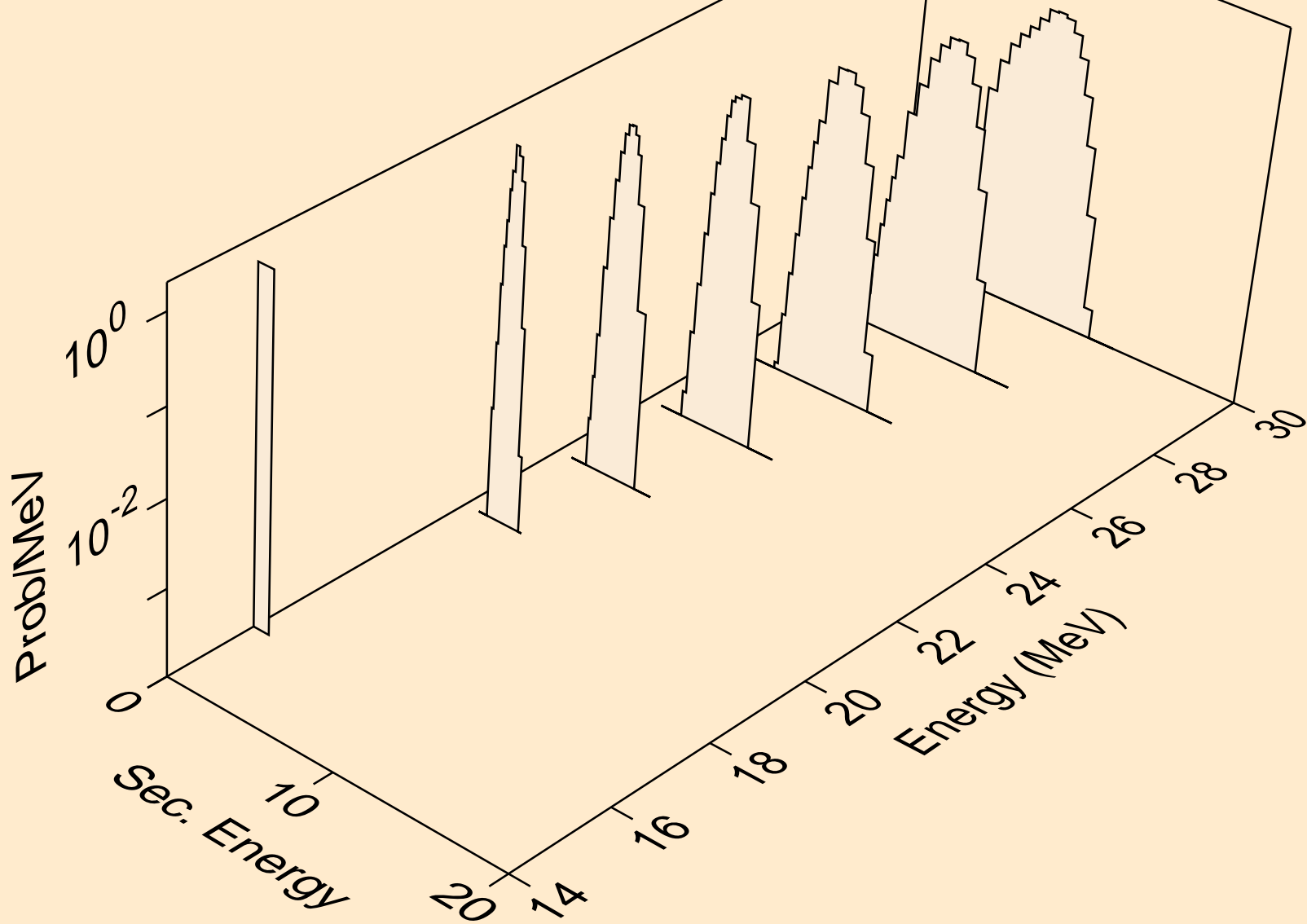
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



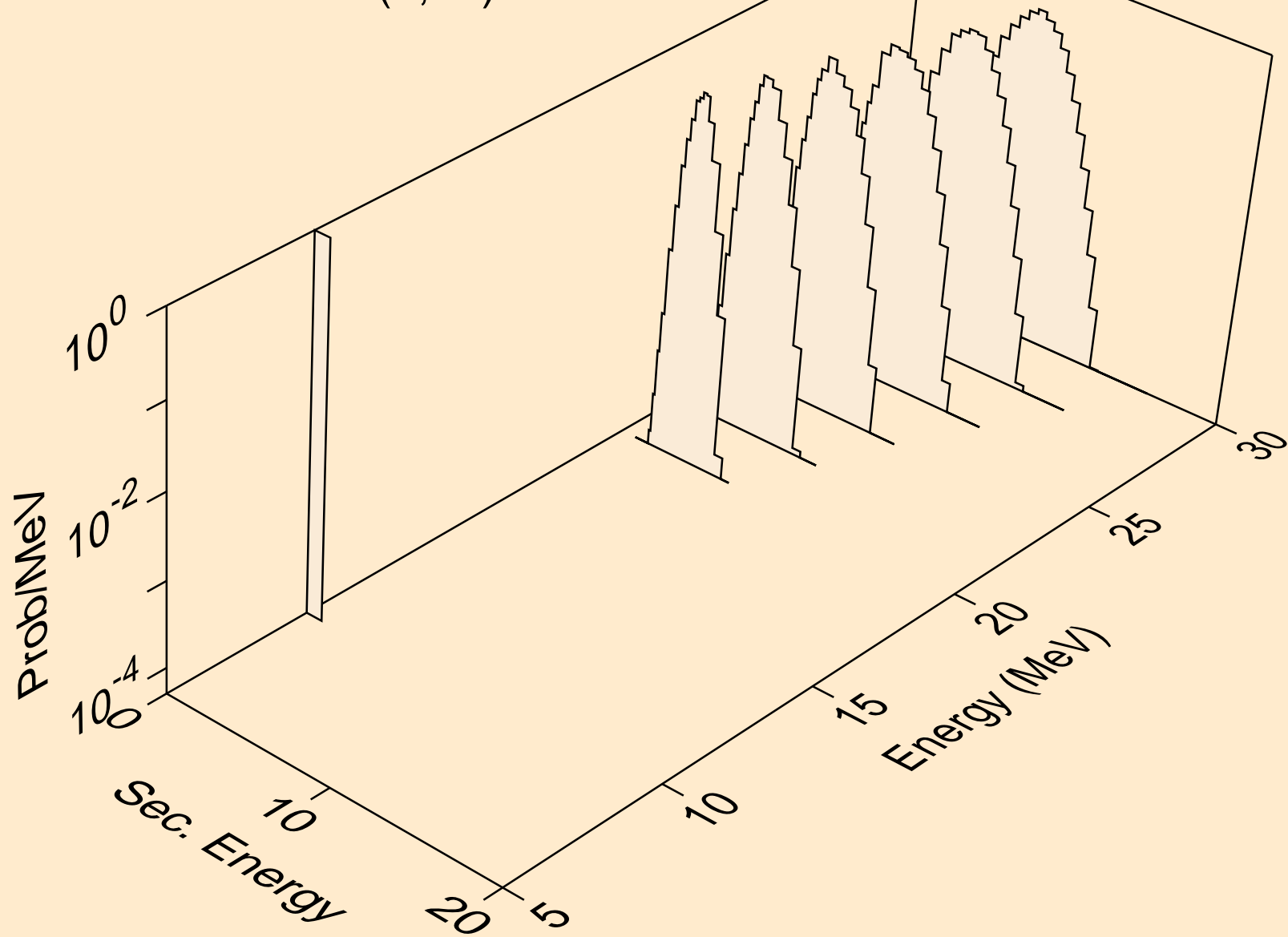
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)



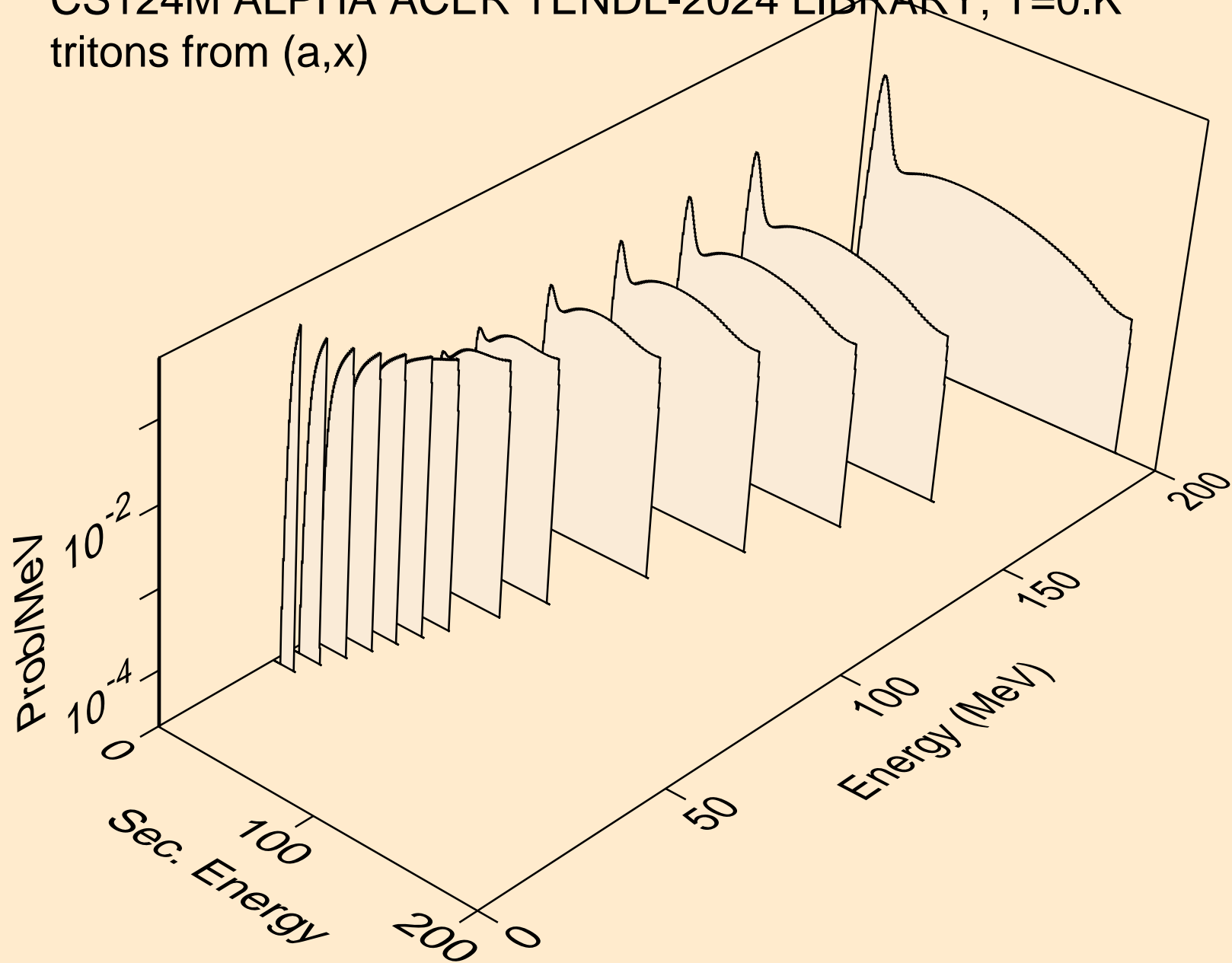
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,pd)



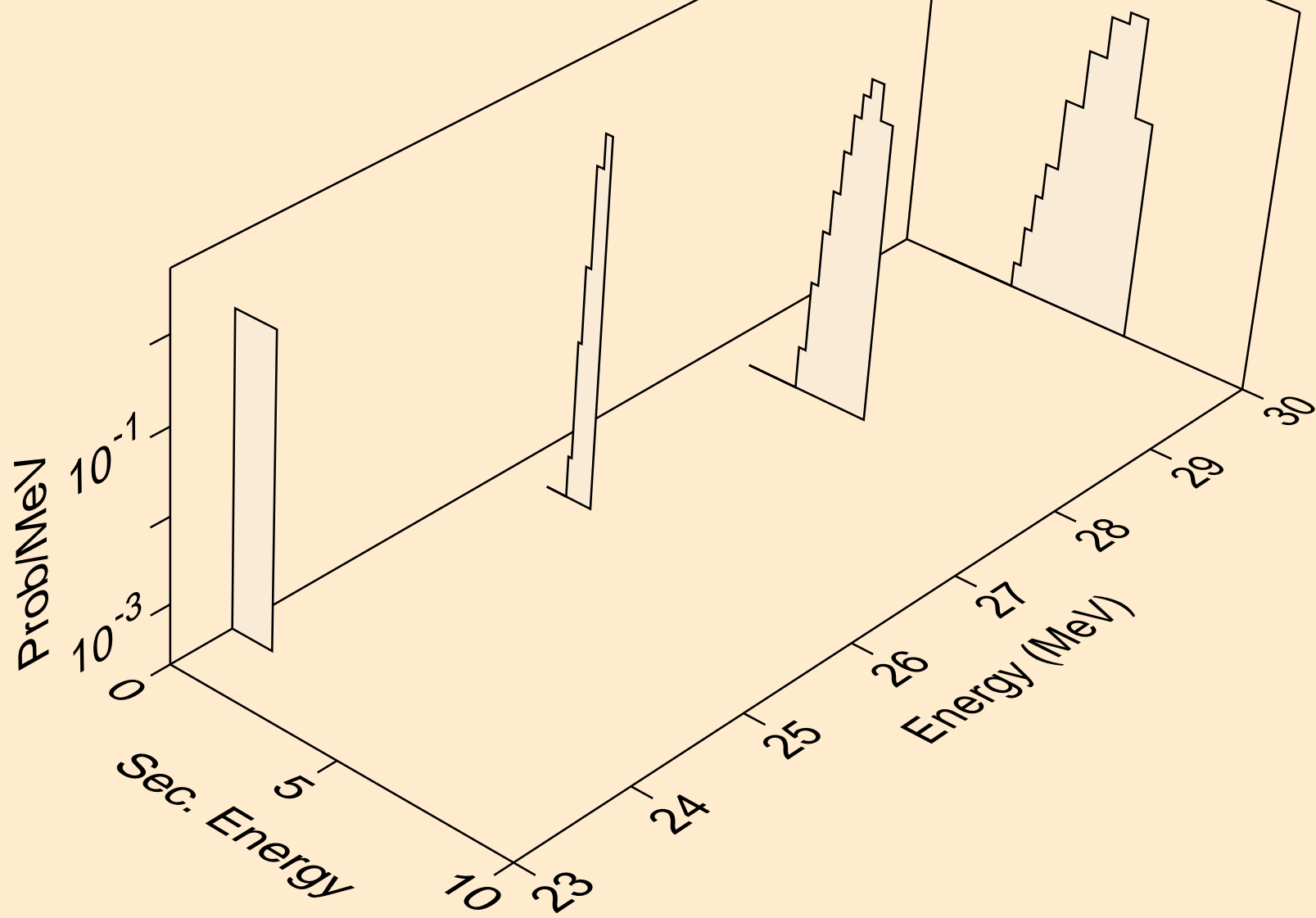
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,da)



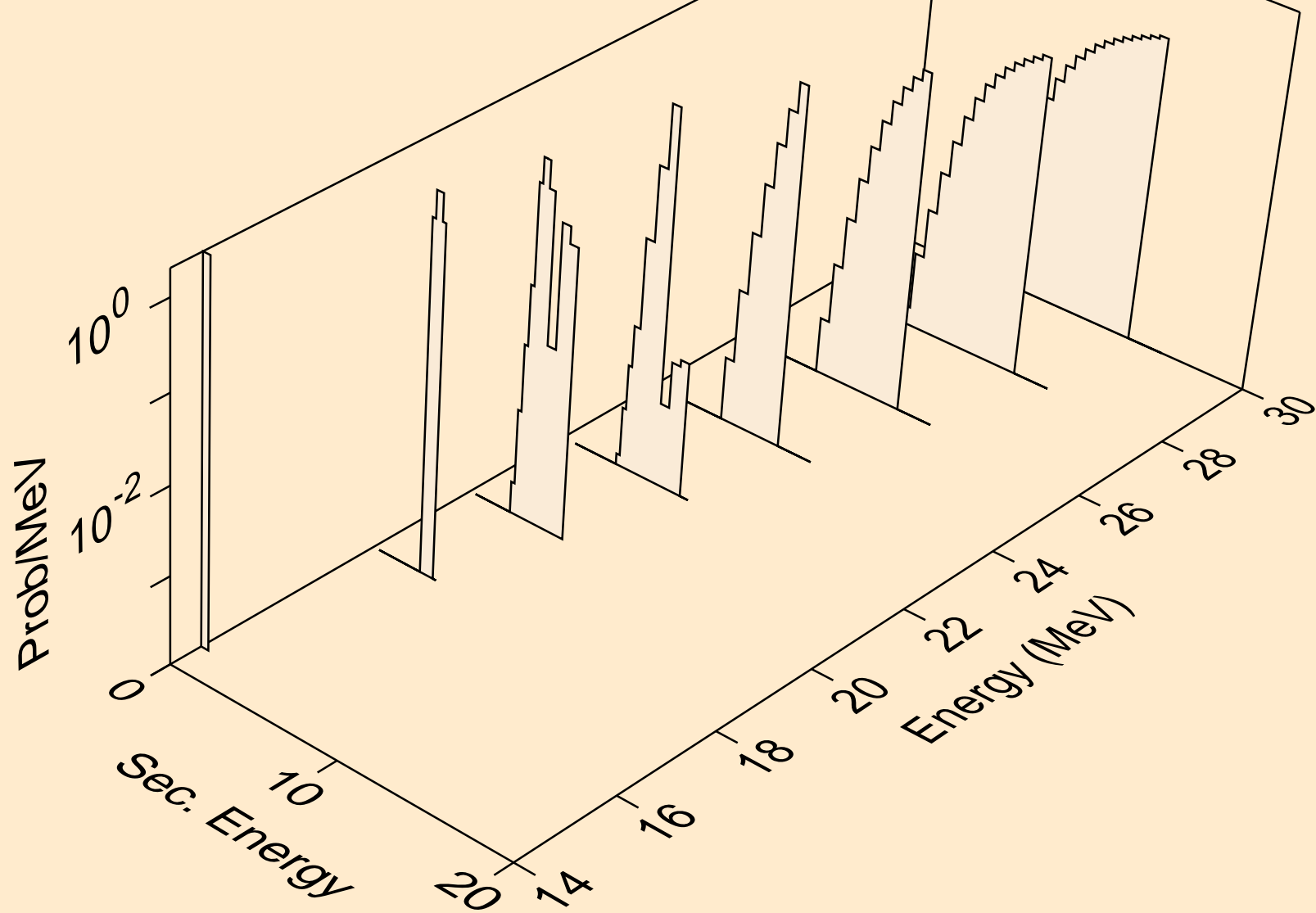
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



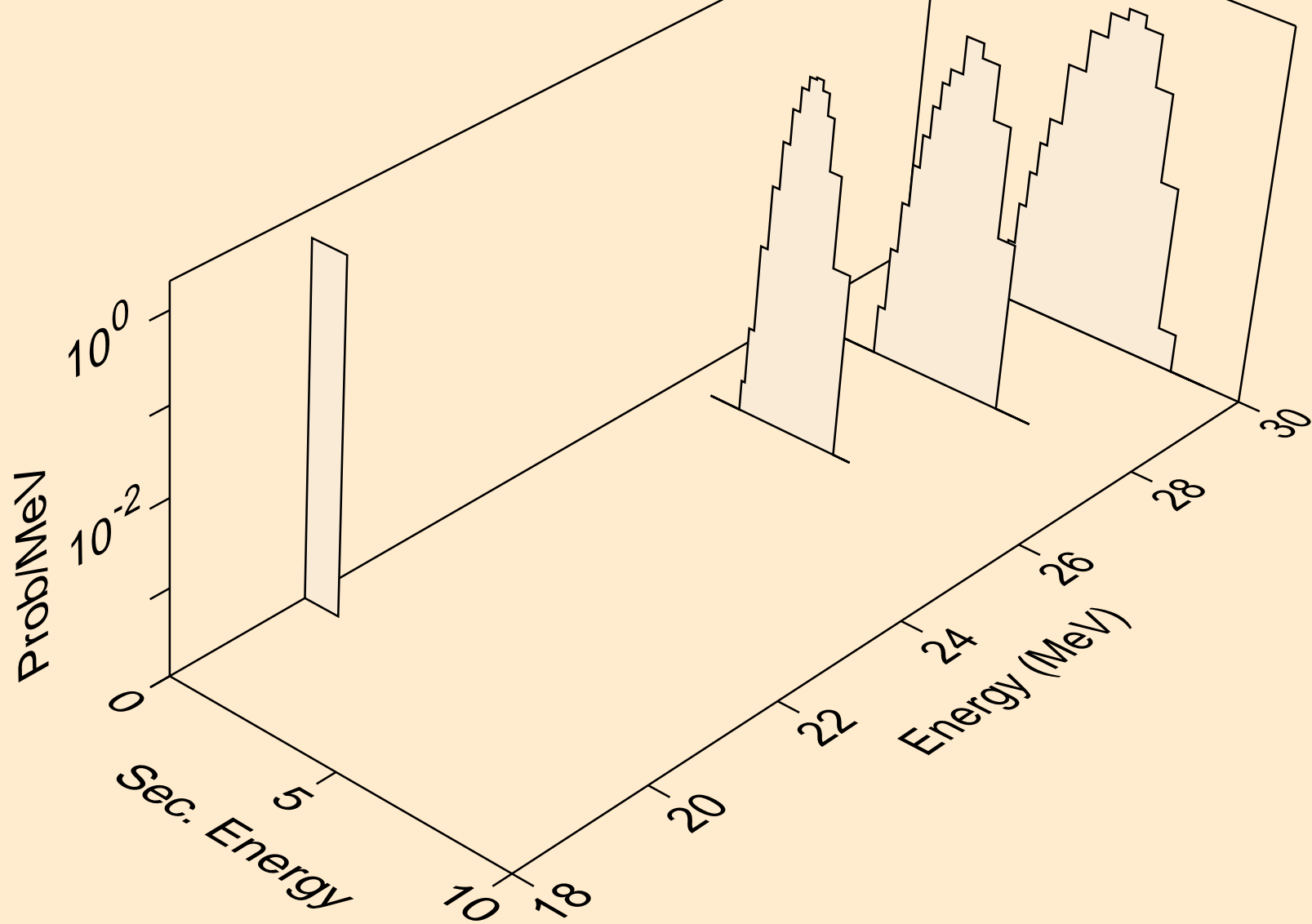
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t



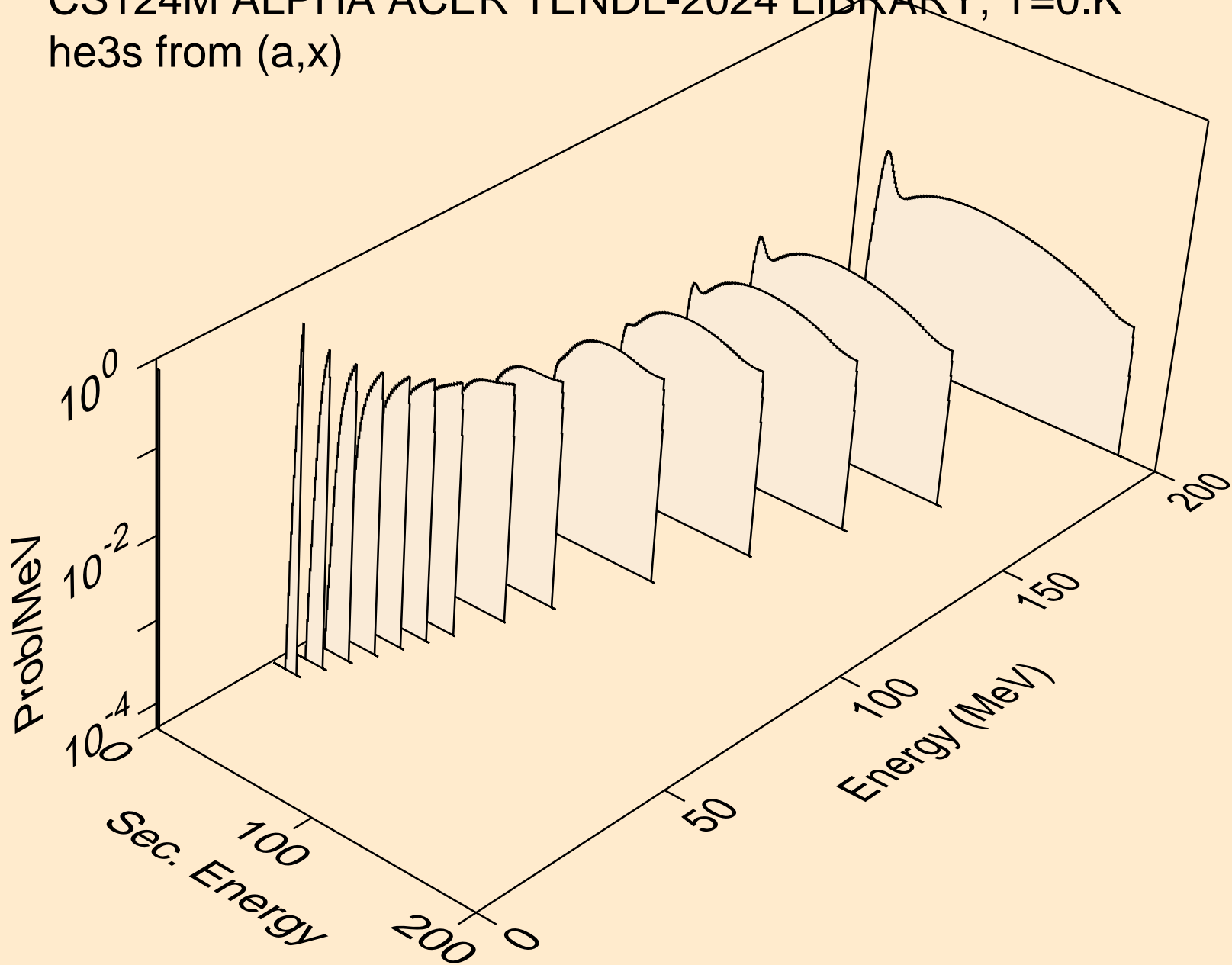
CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,pt)



CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



CS124M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

