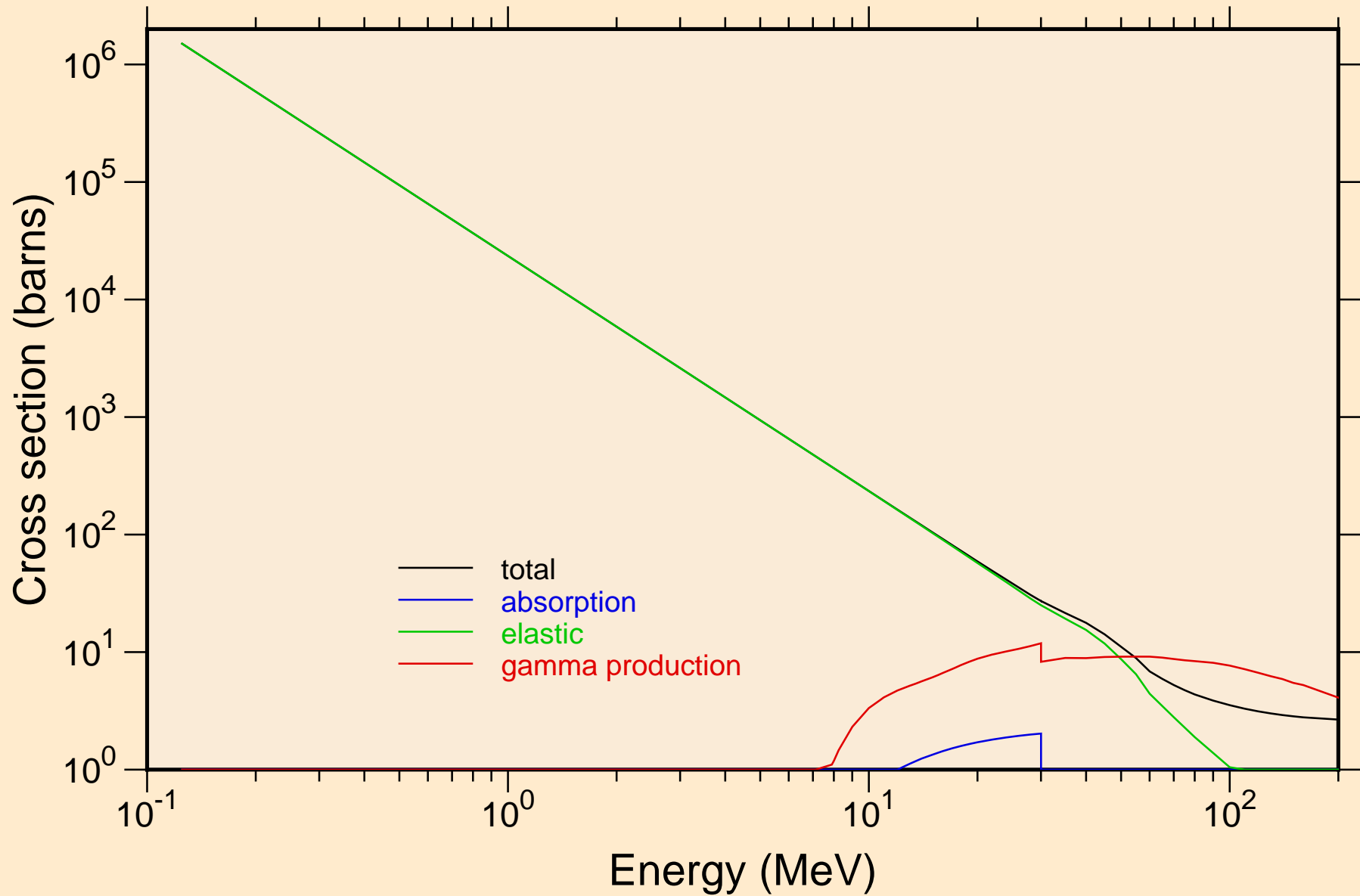


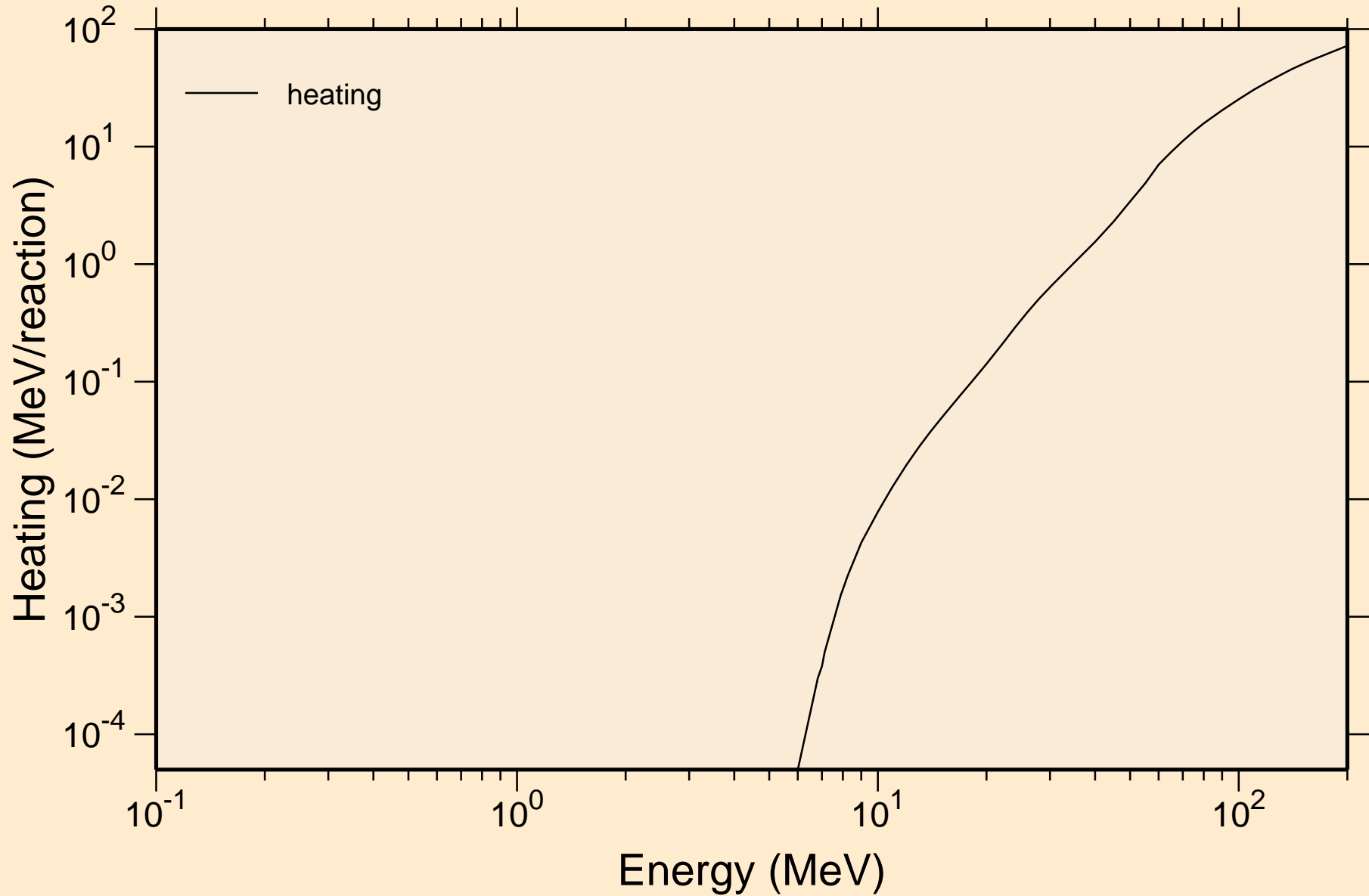
# PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

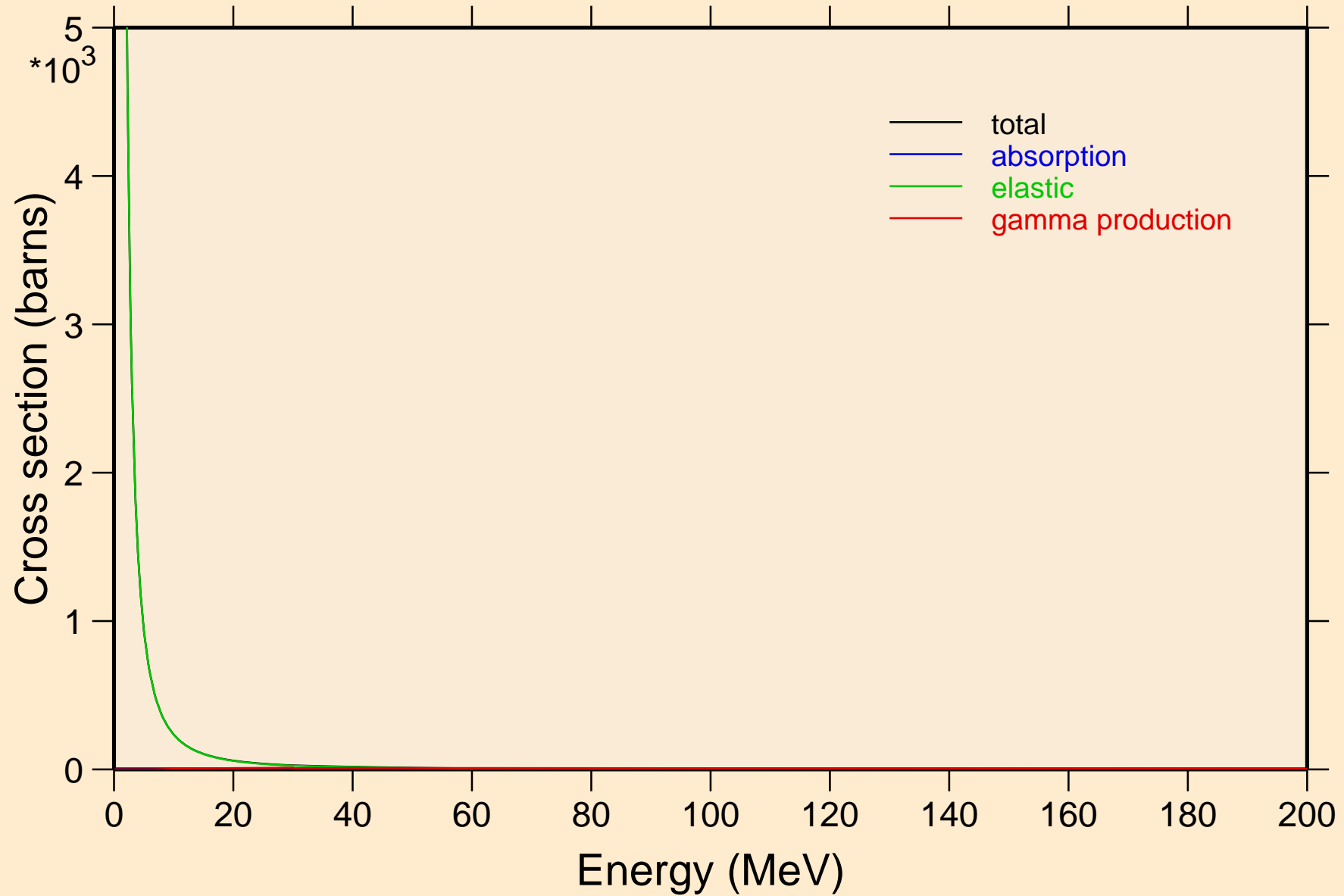


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

Heating

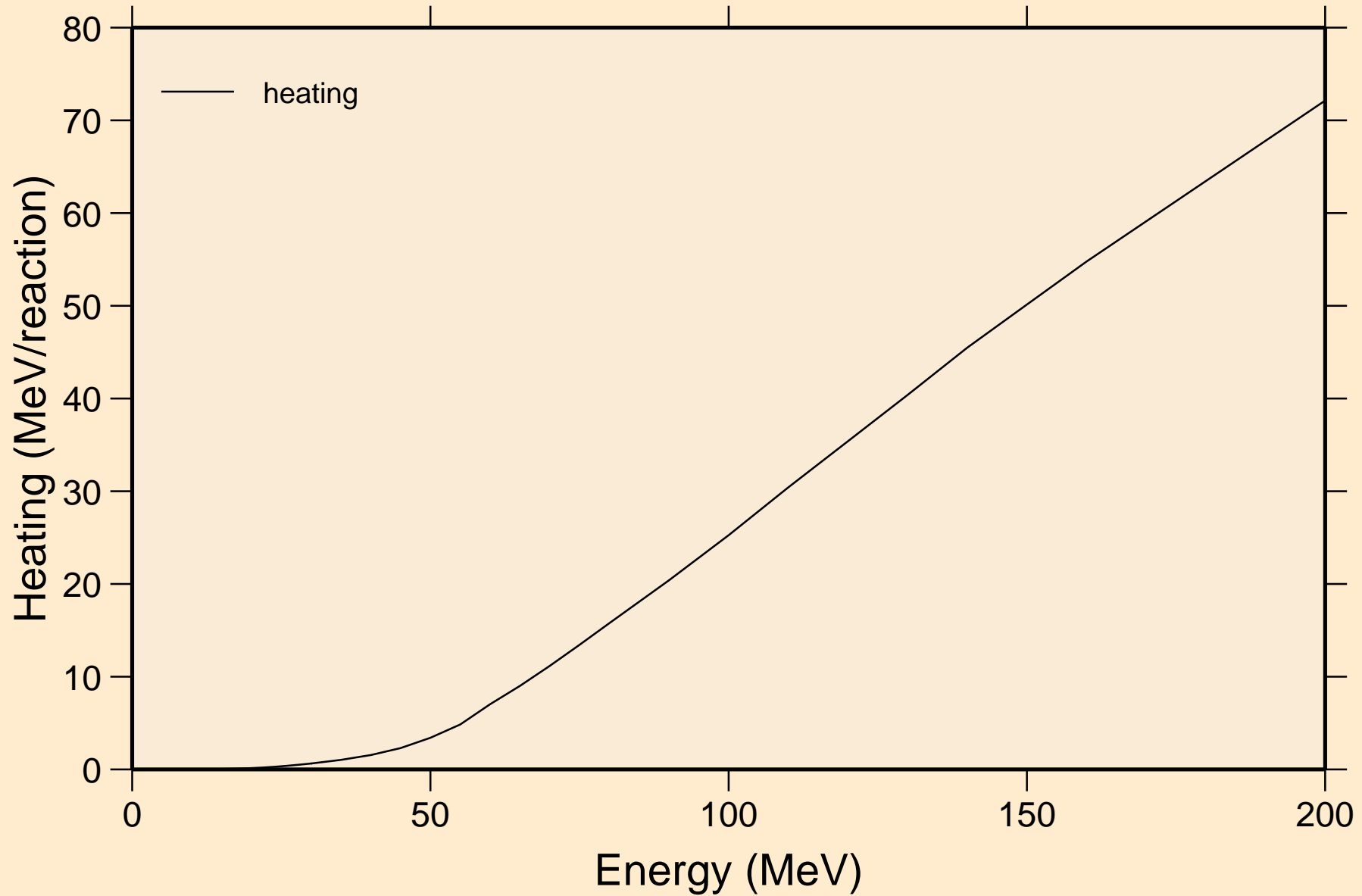


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



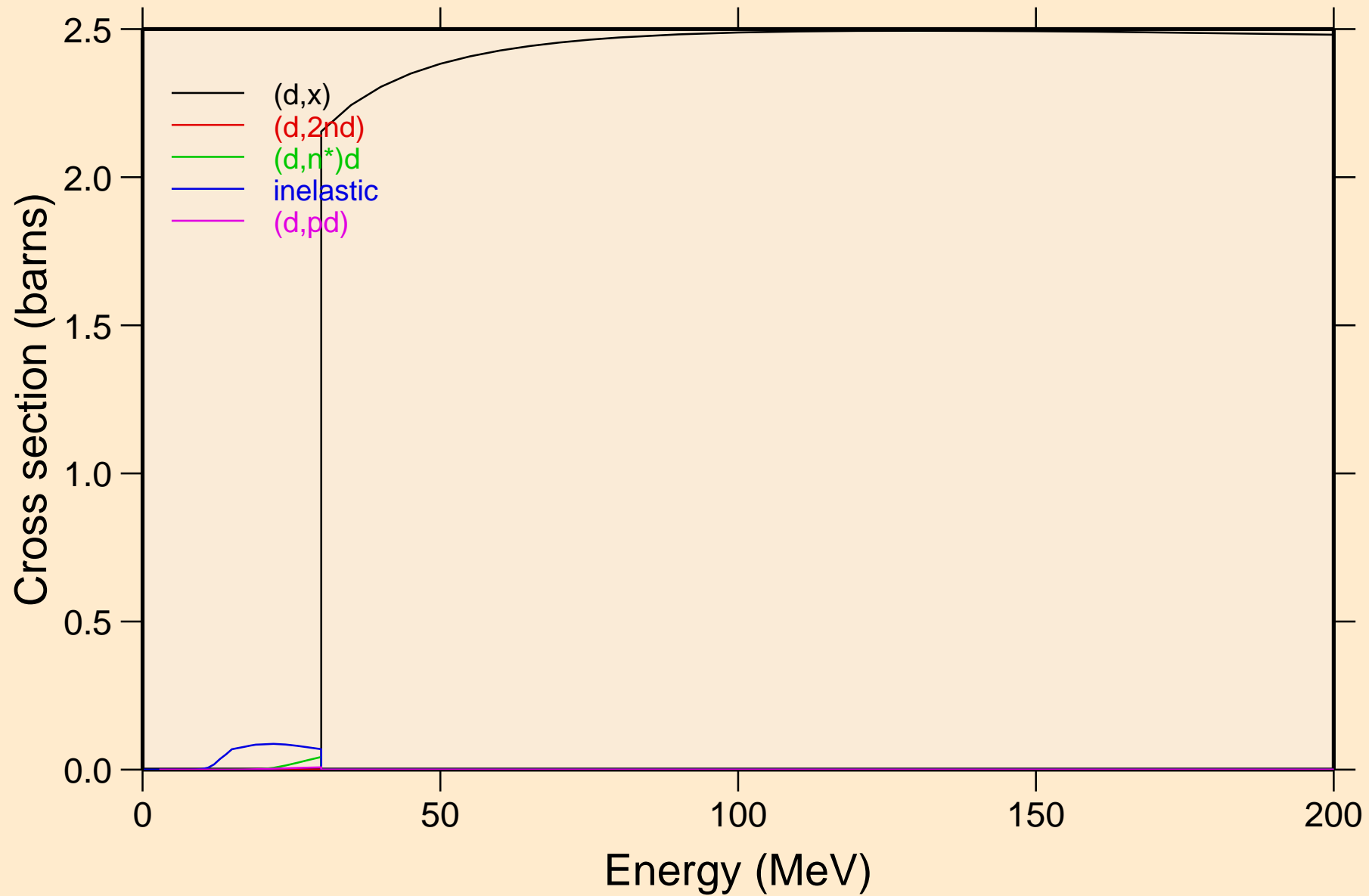
# PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

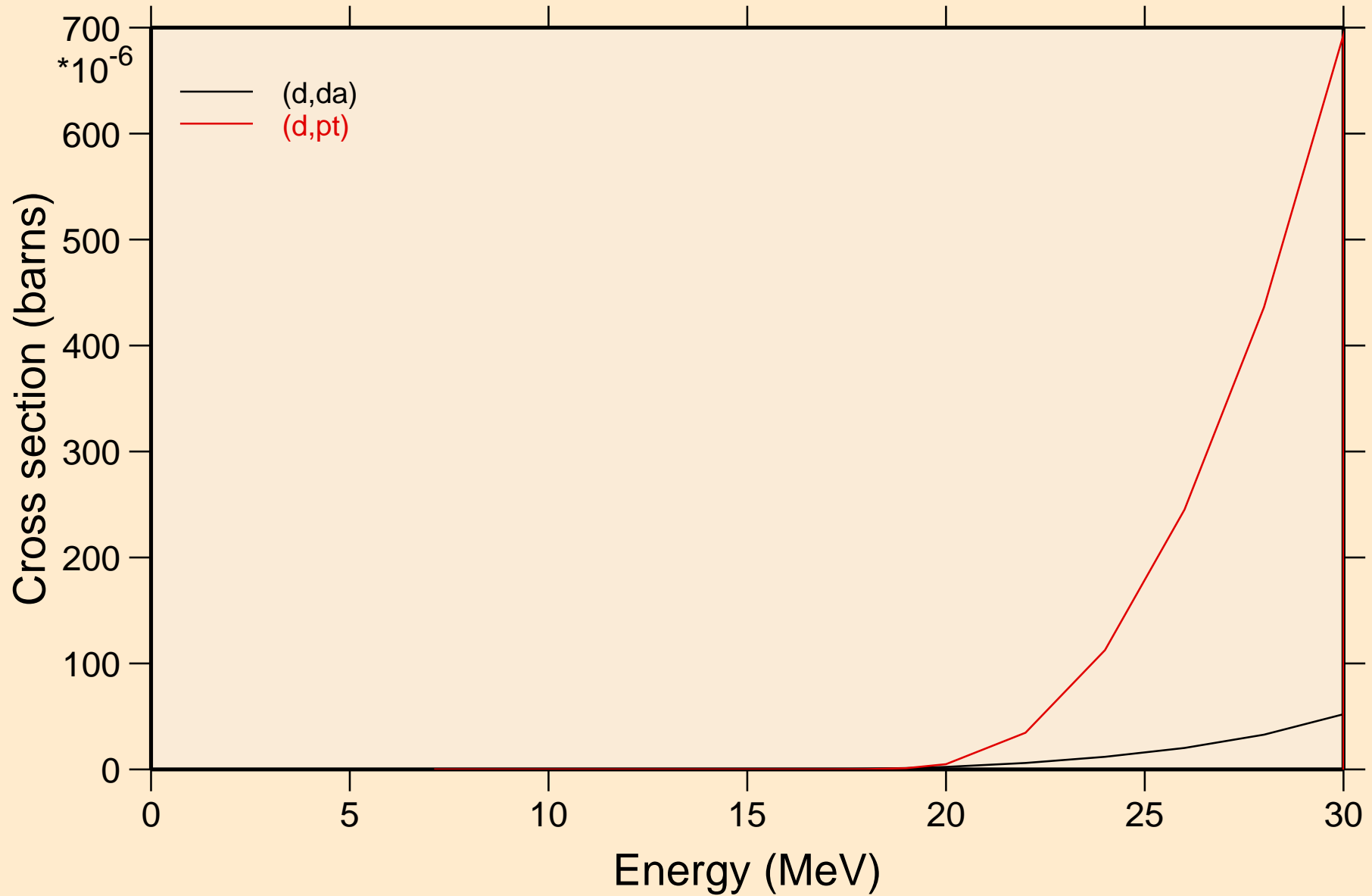


# PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

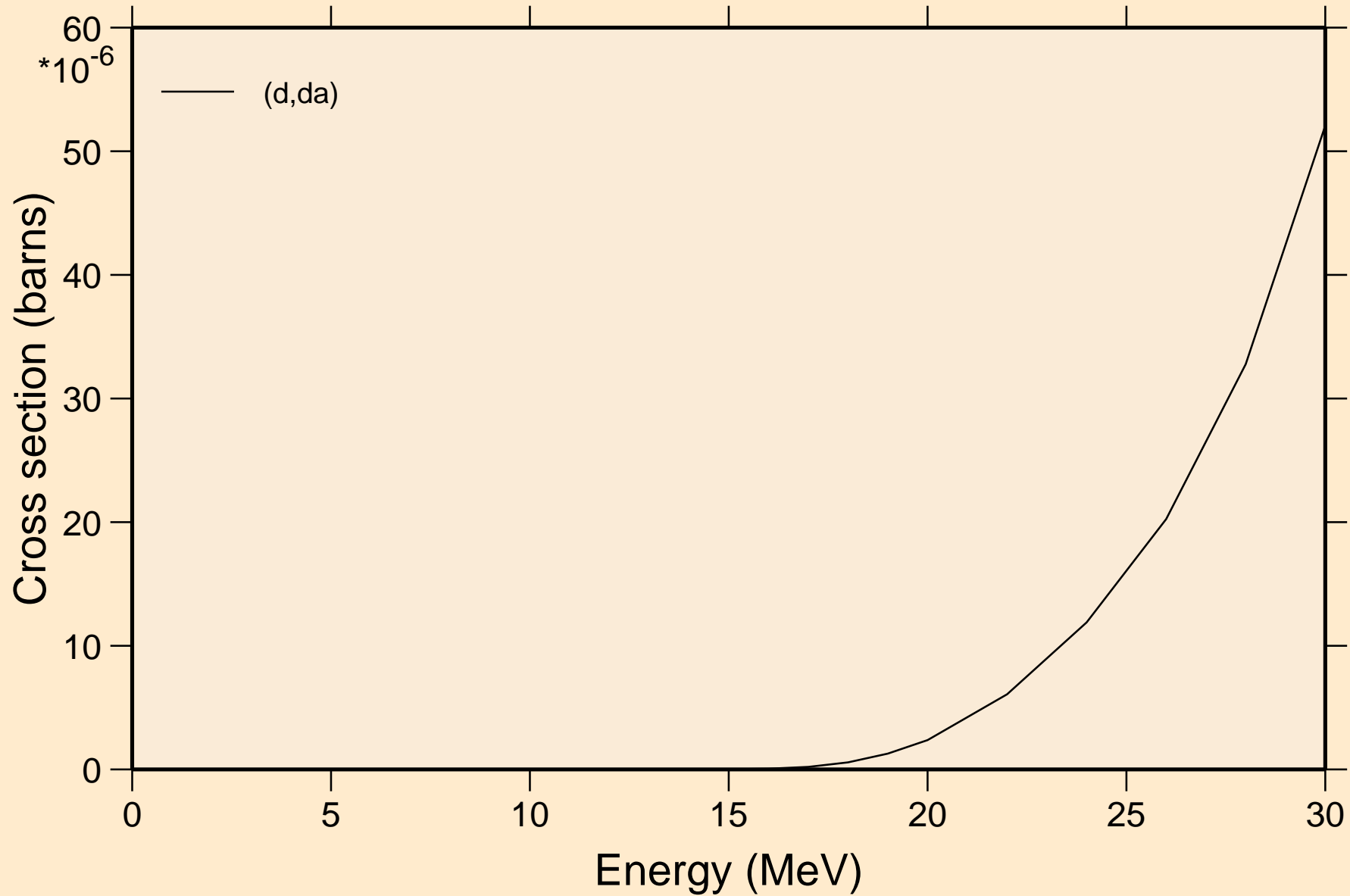
## Threshold reactions



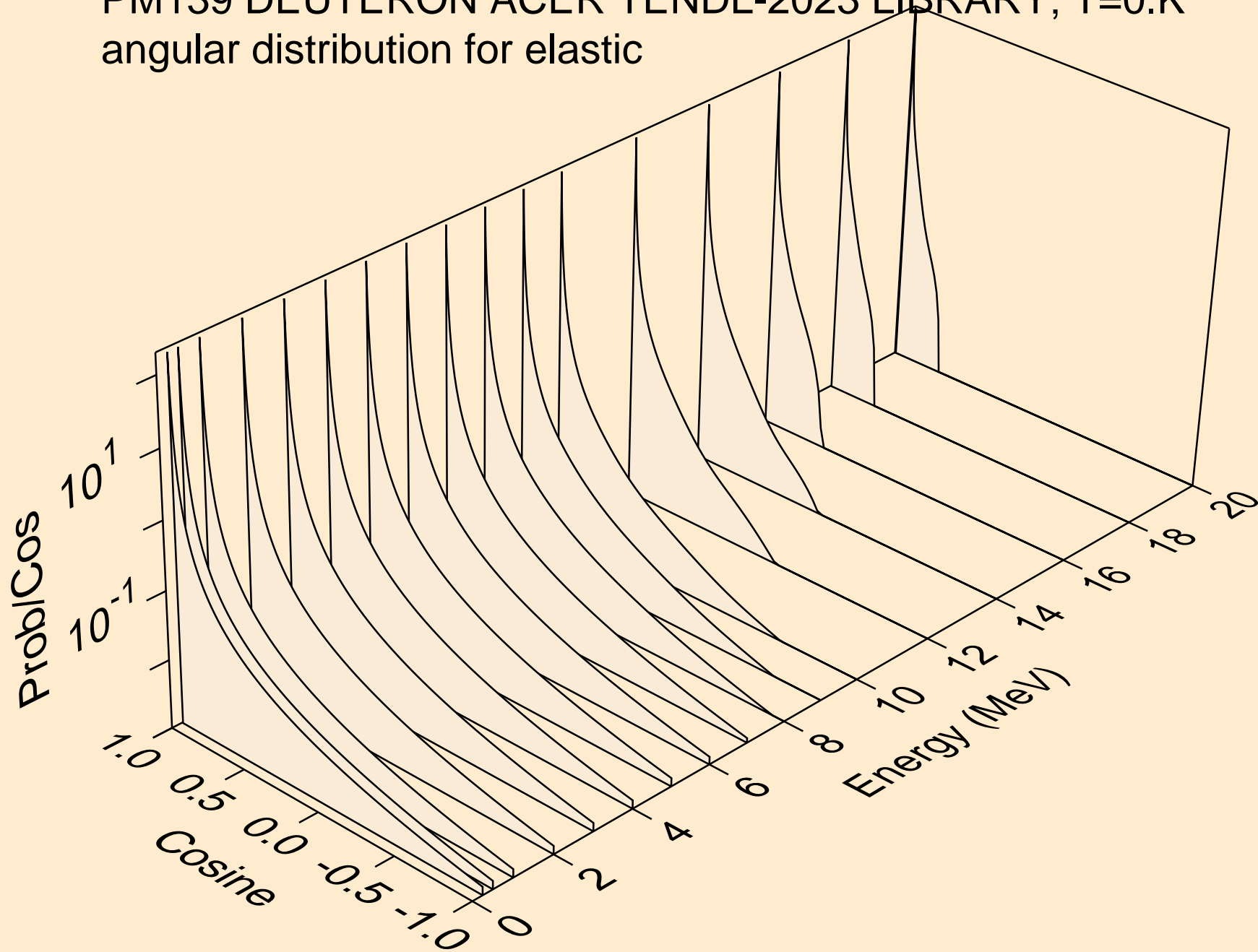
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

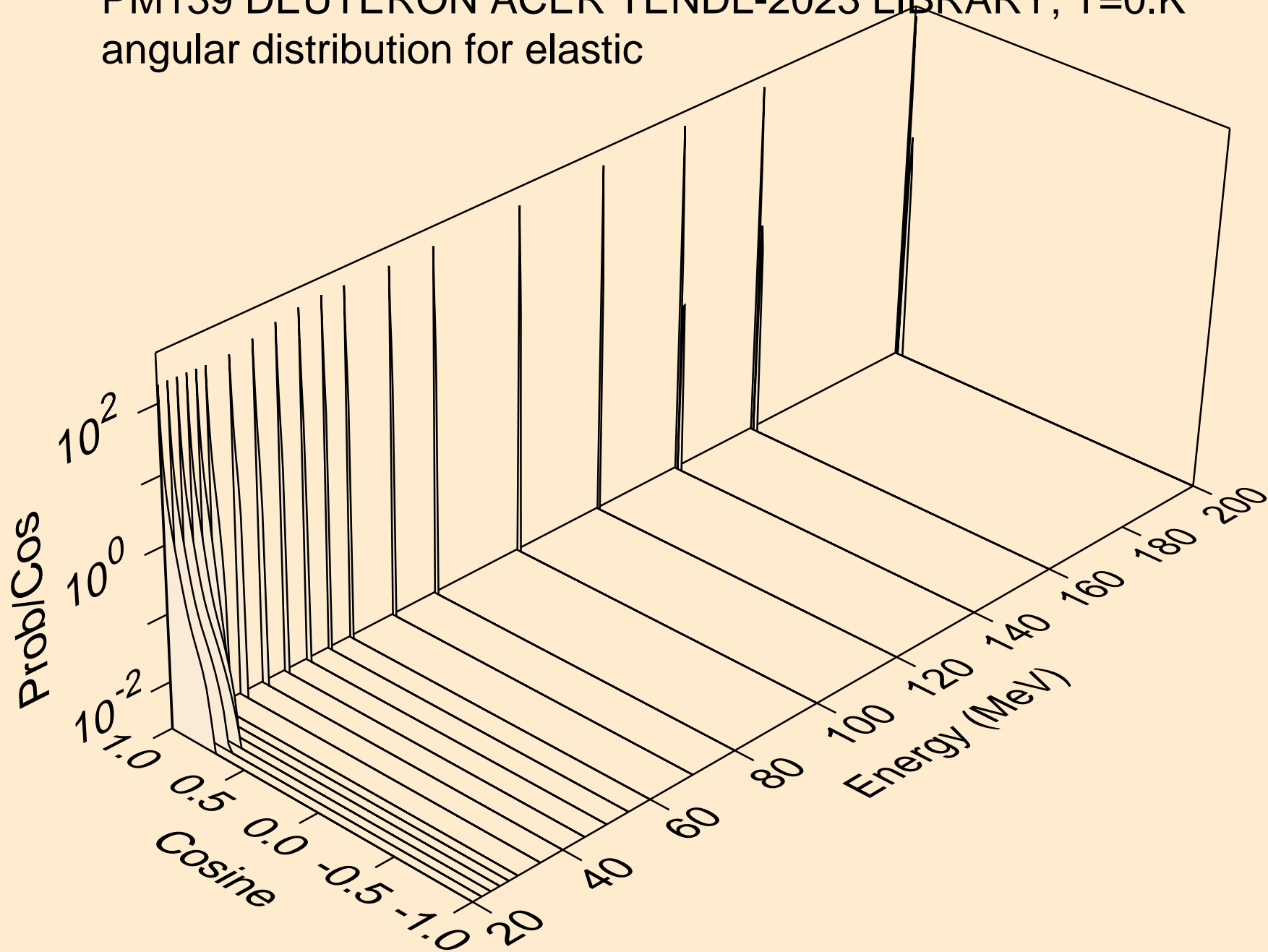


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

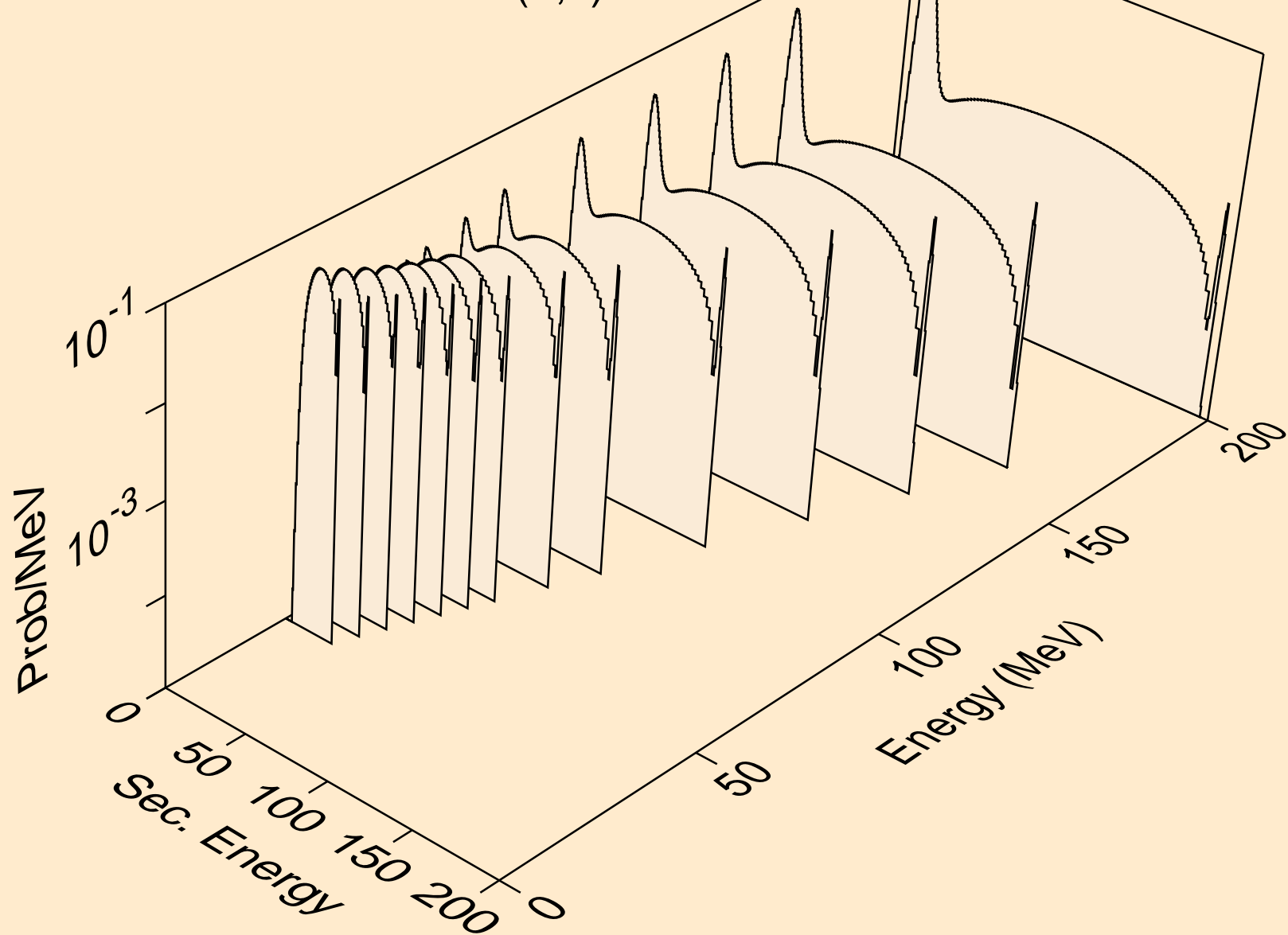




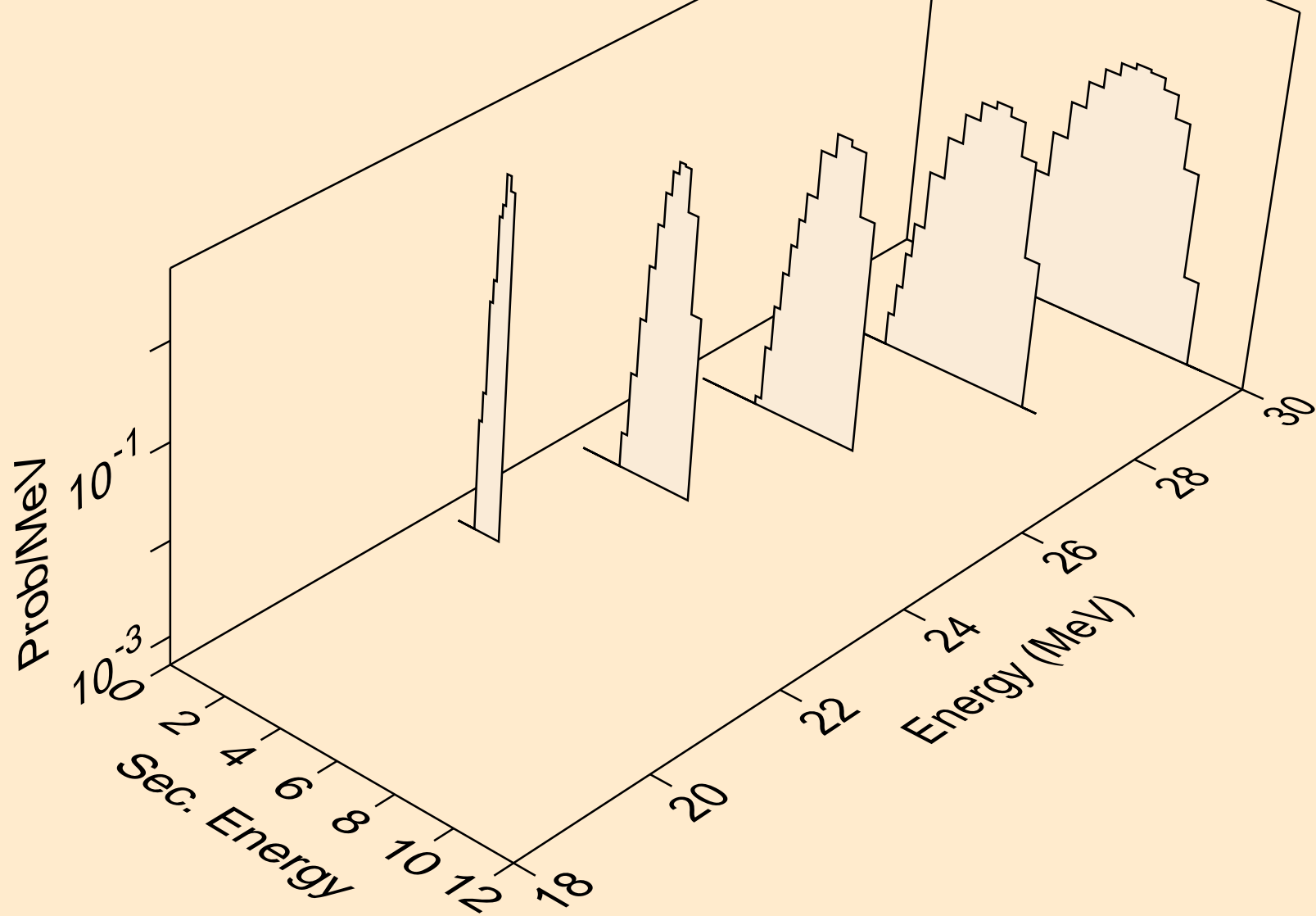
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



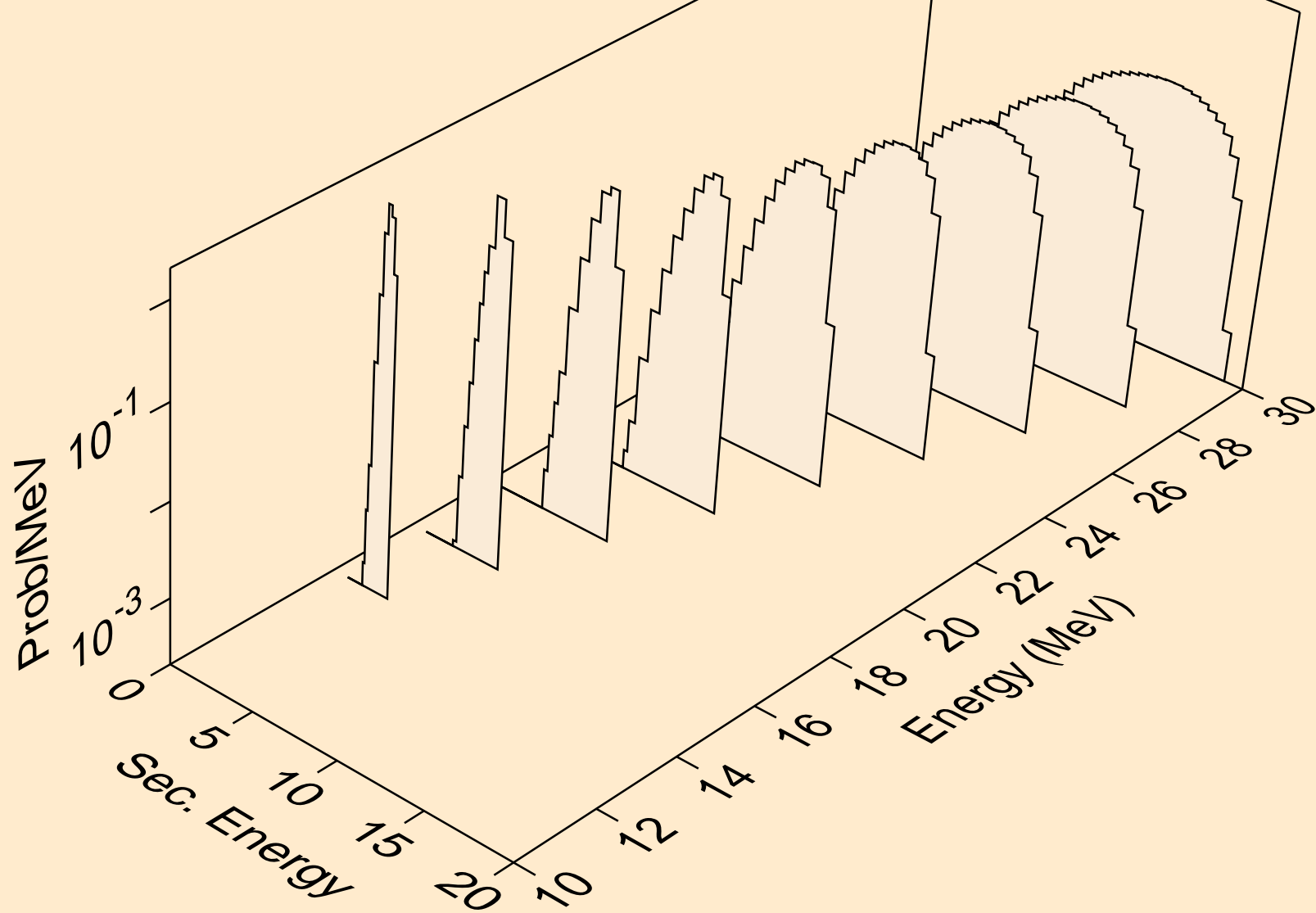
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,x)



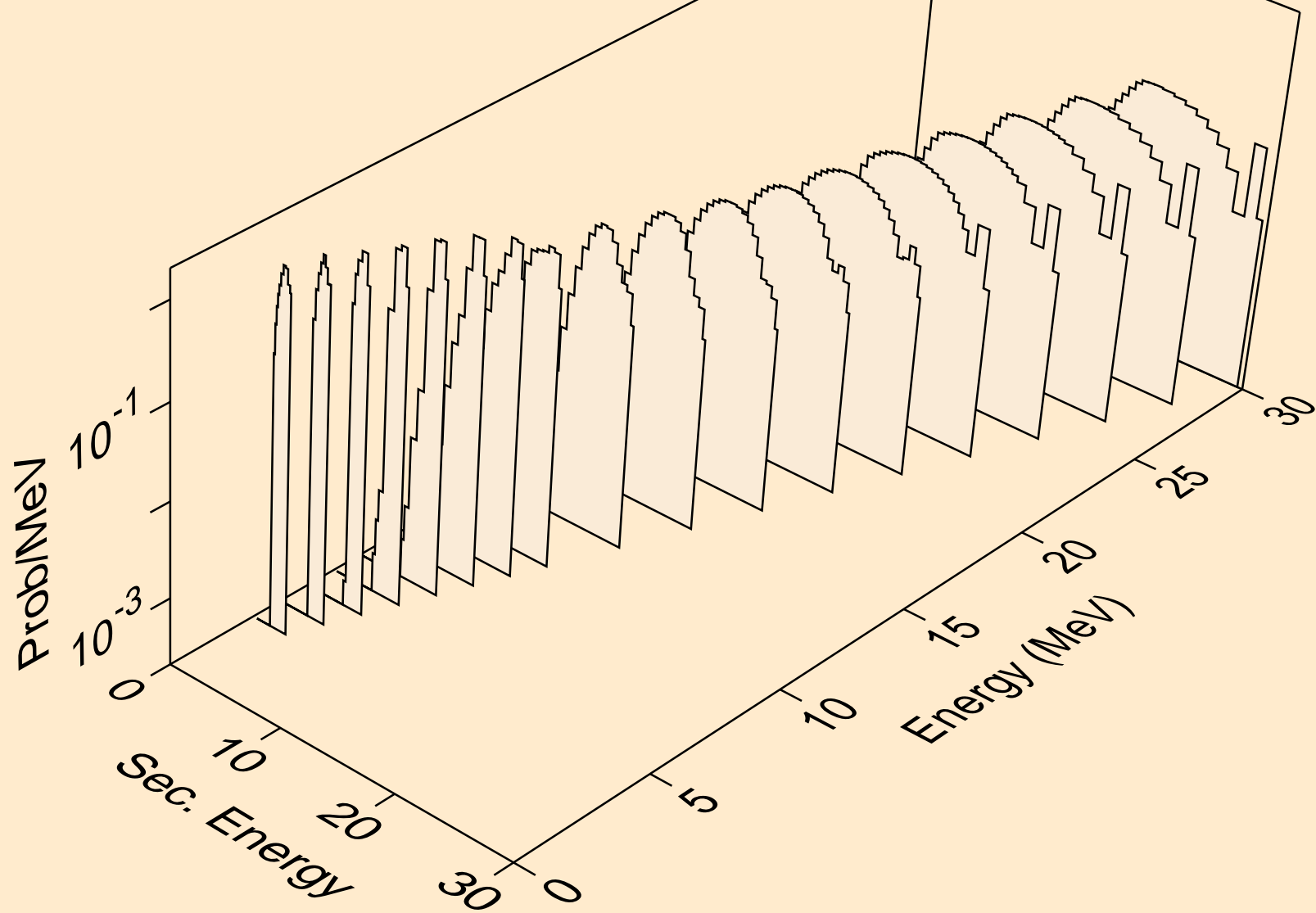
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,2nd)



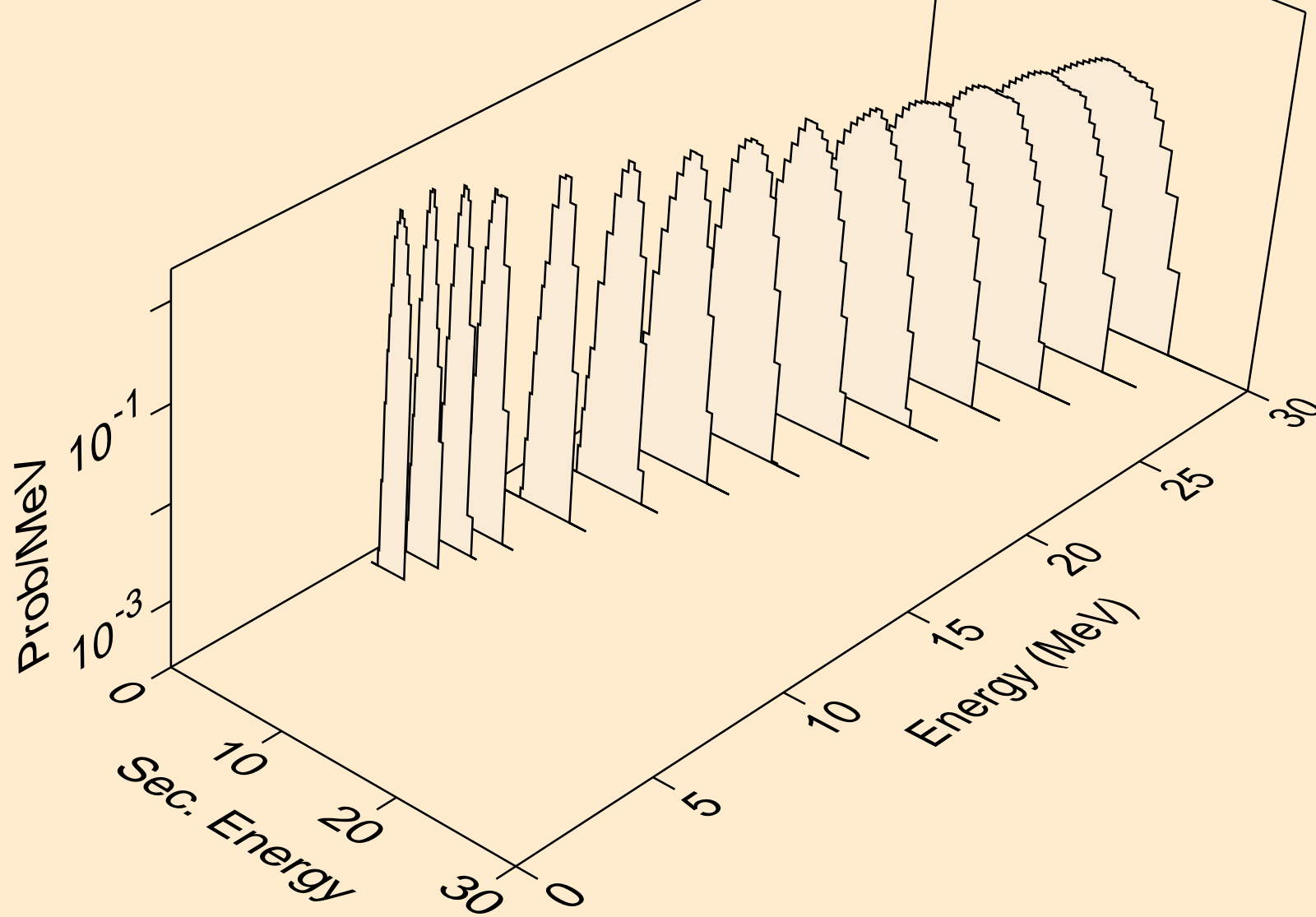
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,n\*)d



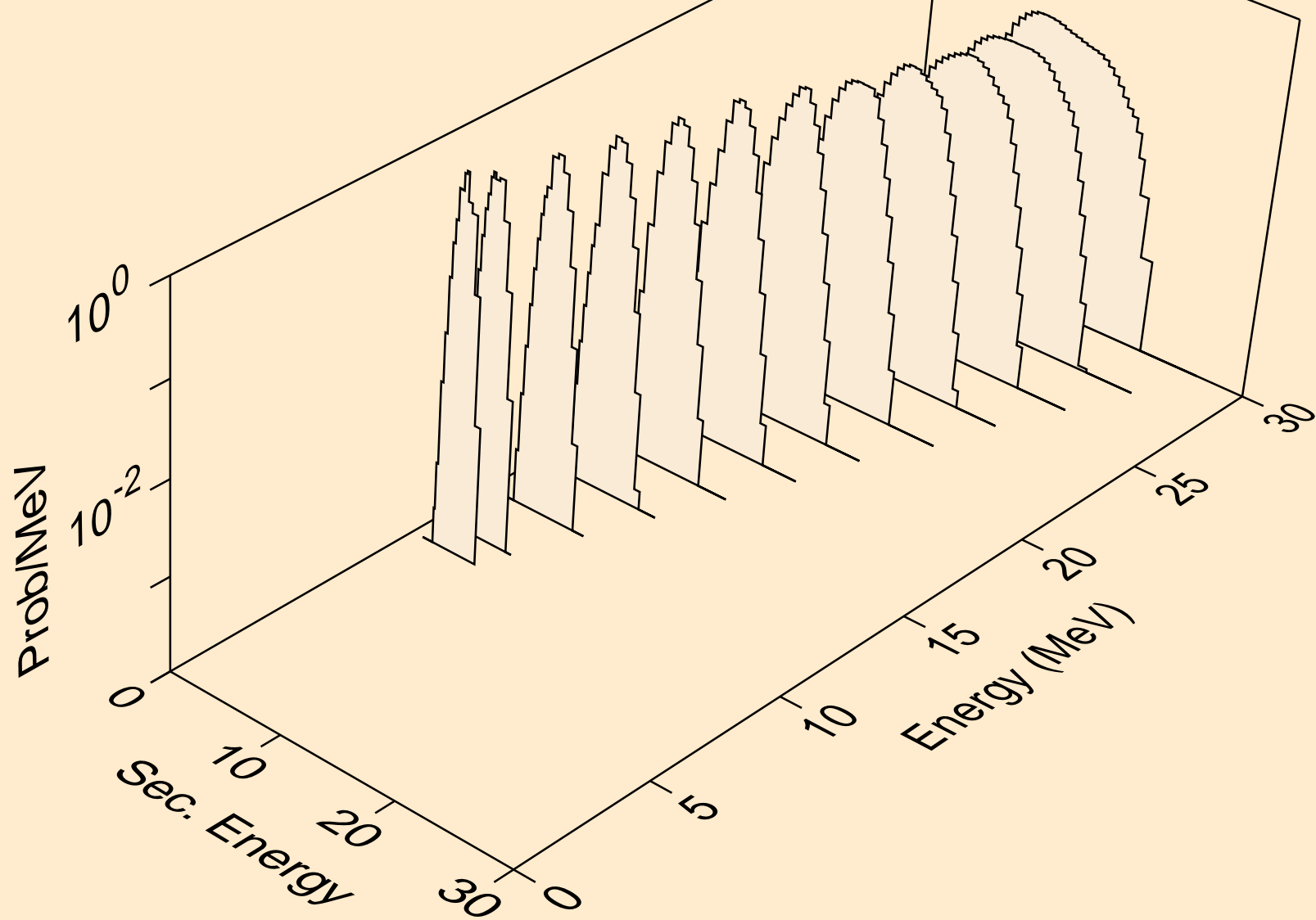
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for inelastic



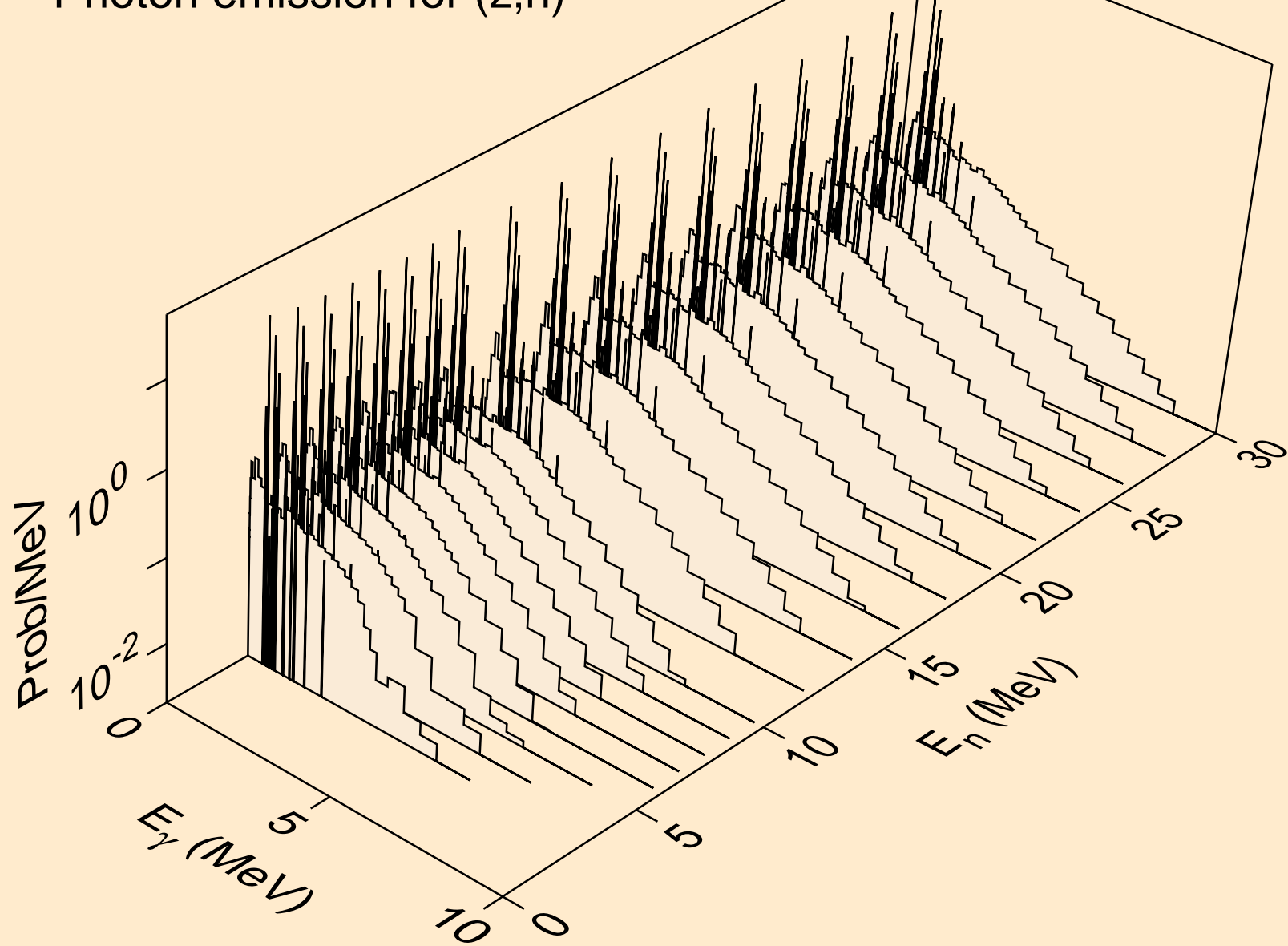
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,pd)



PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Deuteron emission for (d,da)

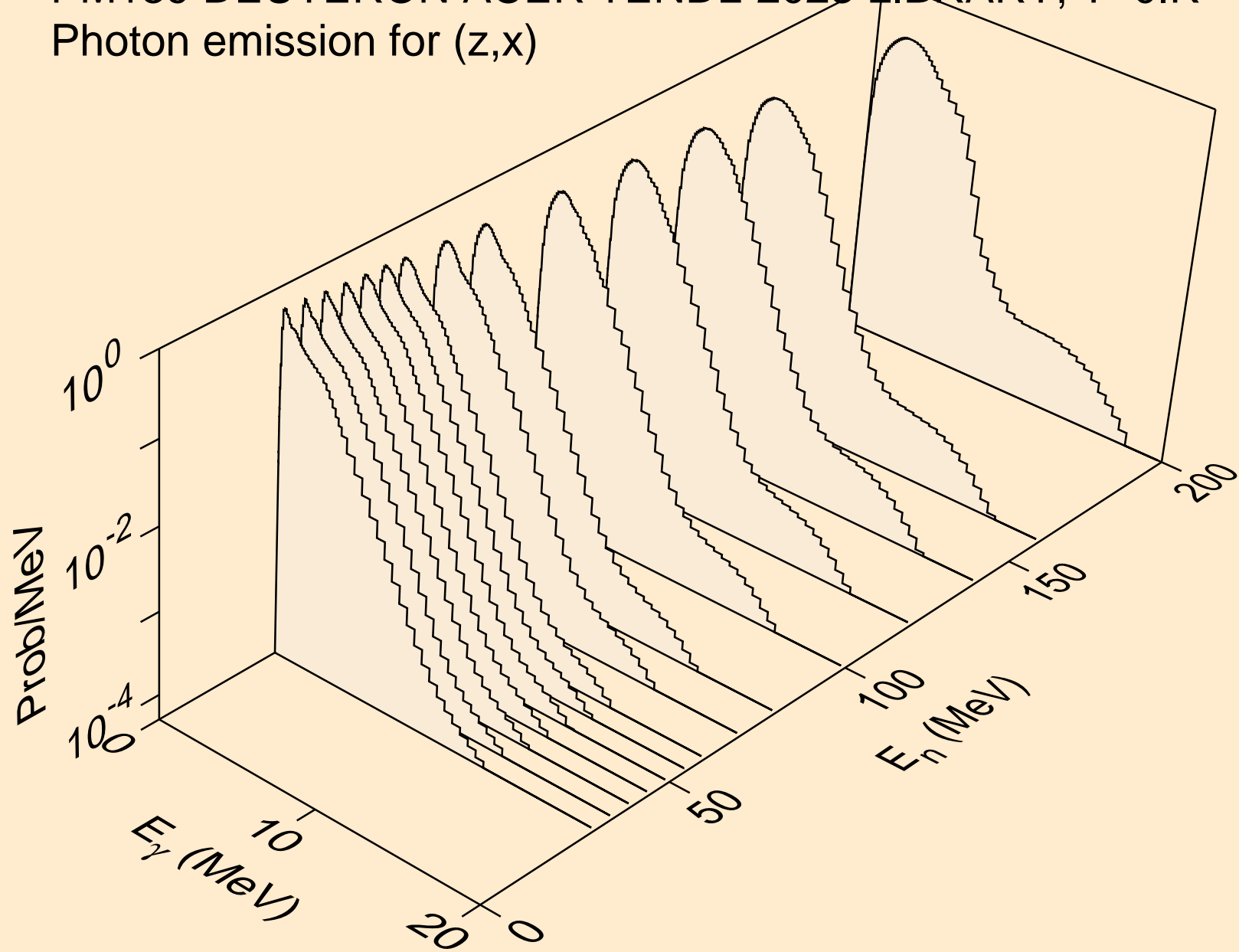


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

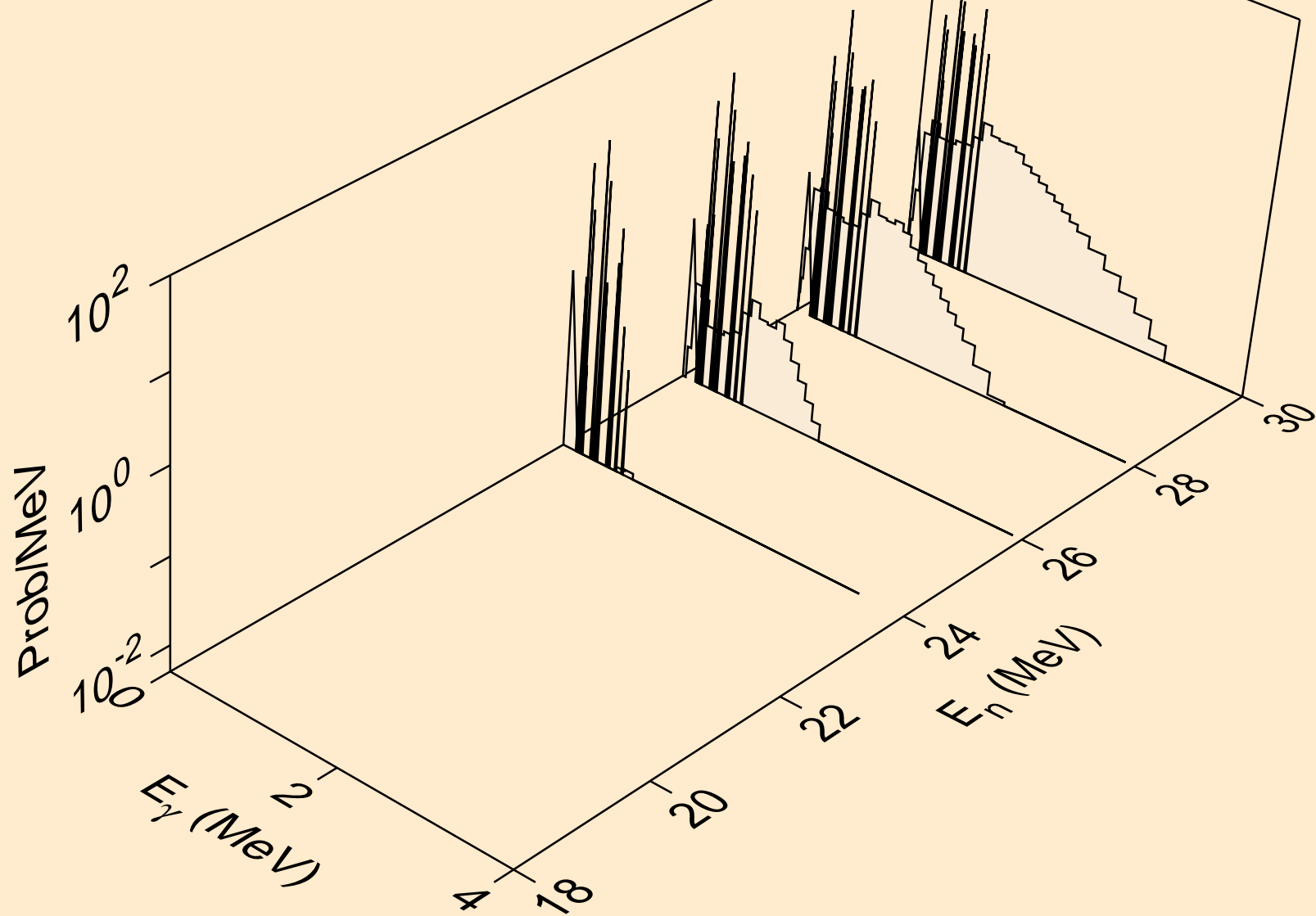




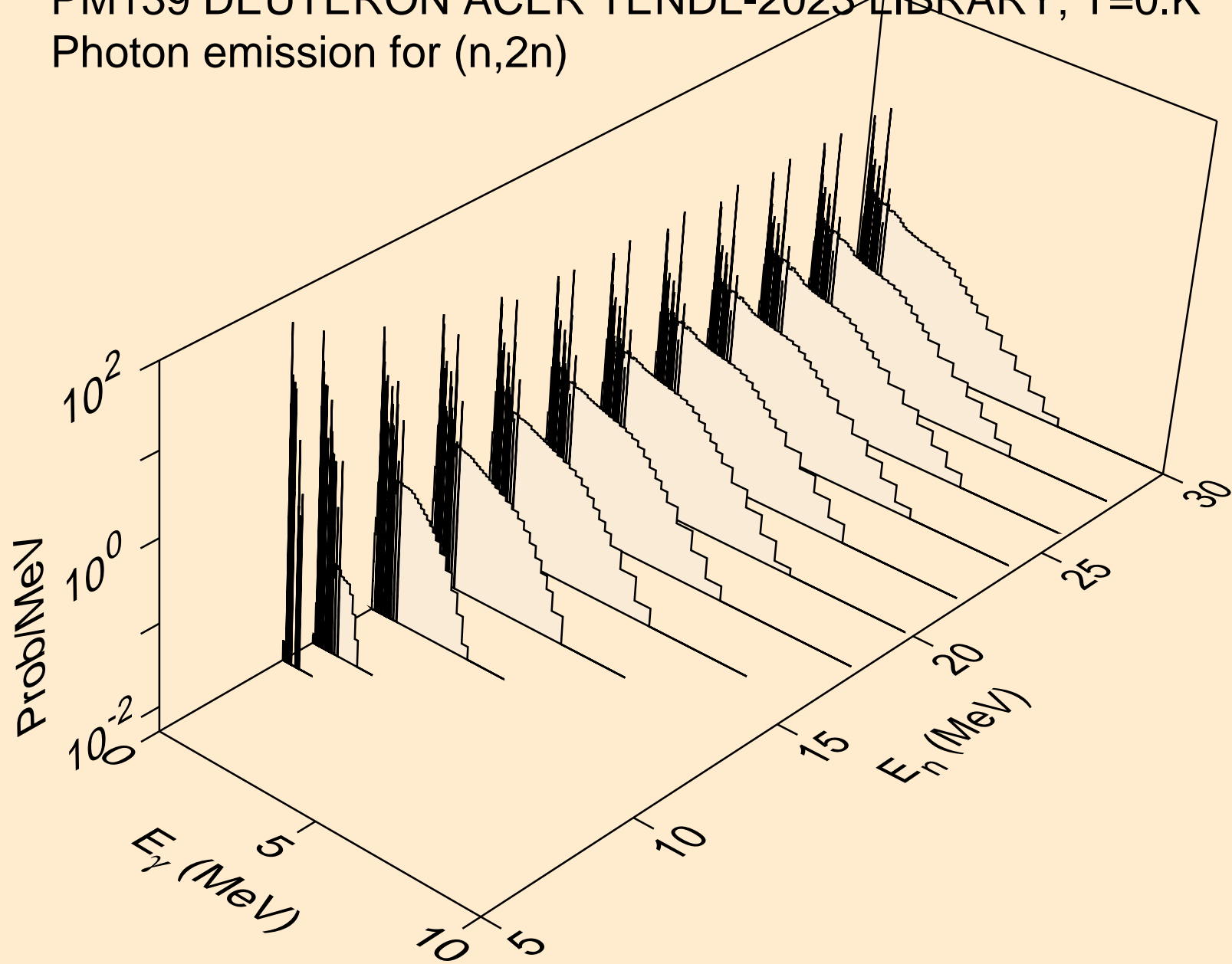
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



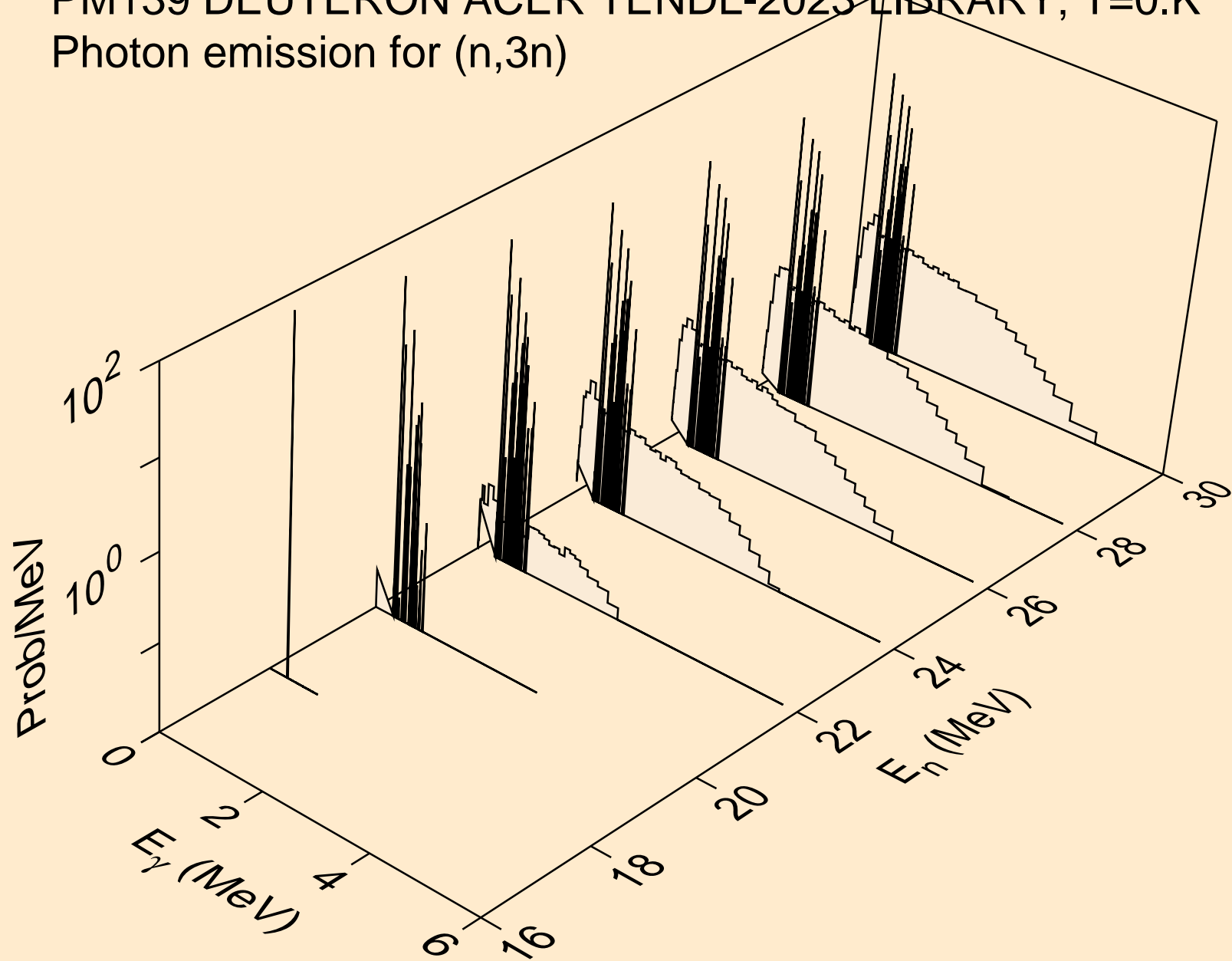
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



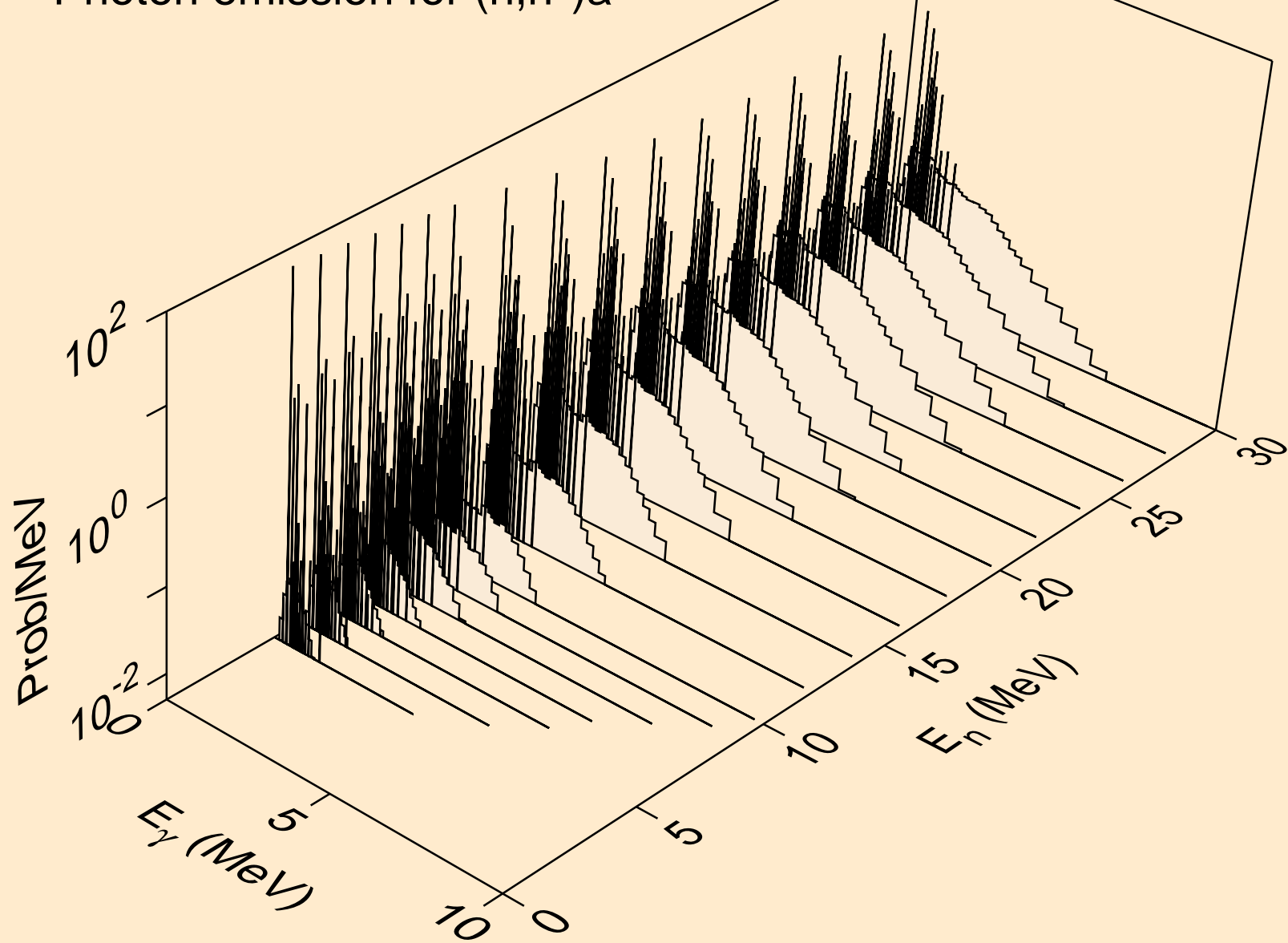
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



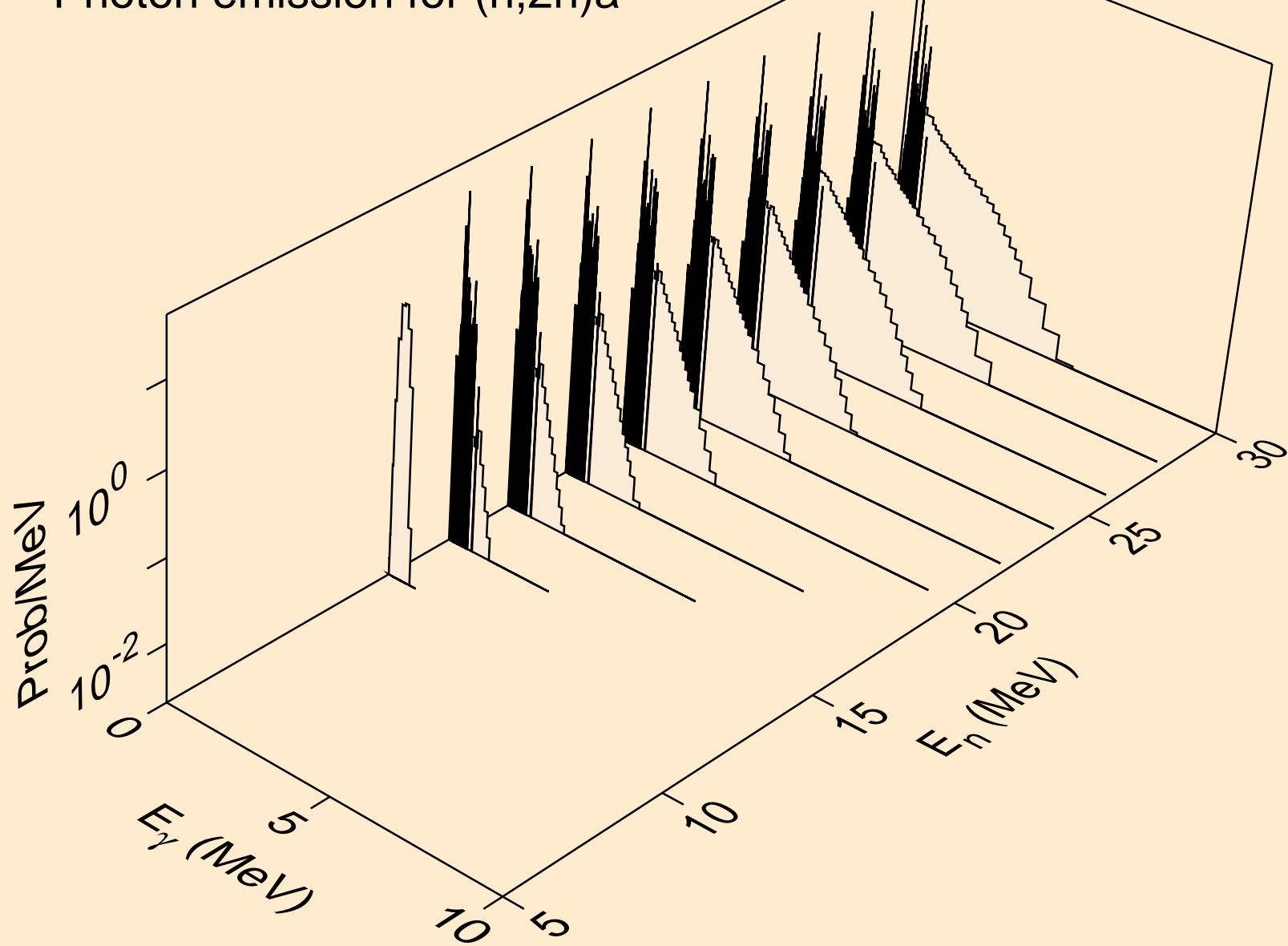
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



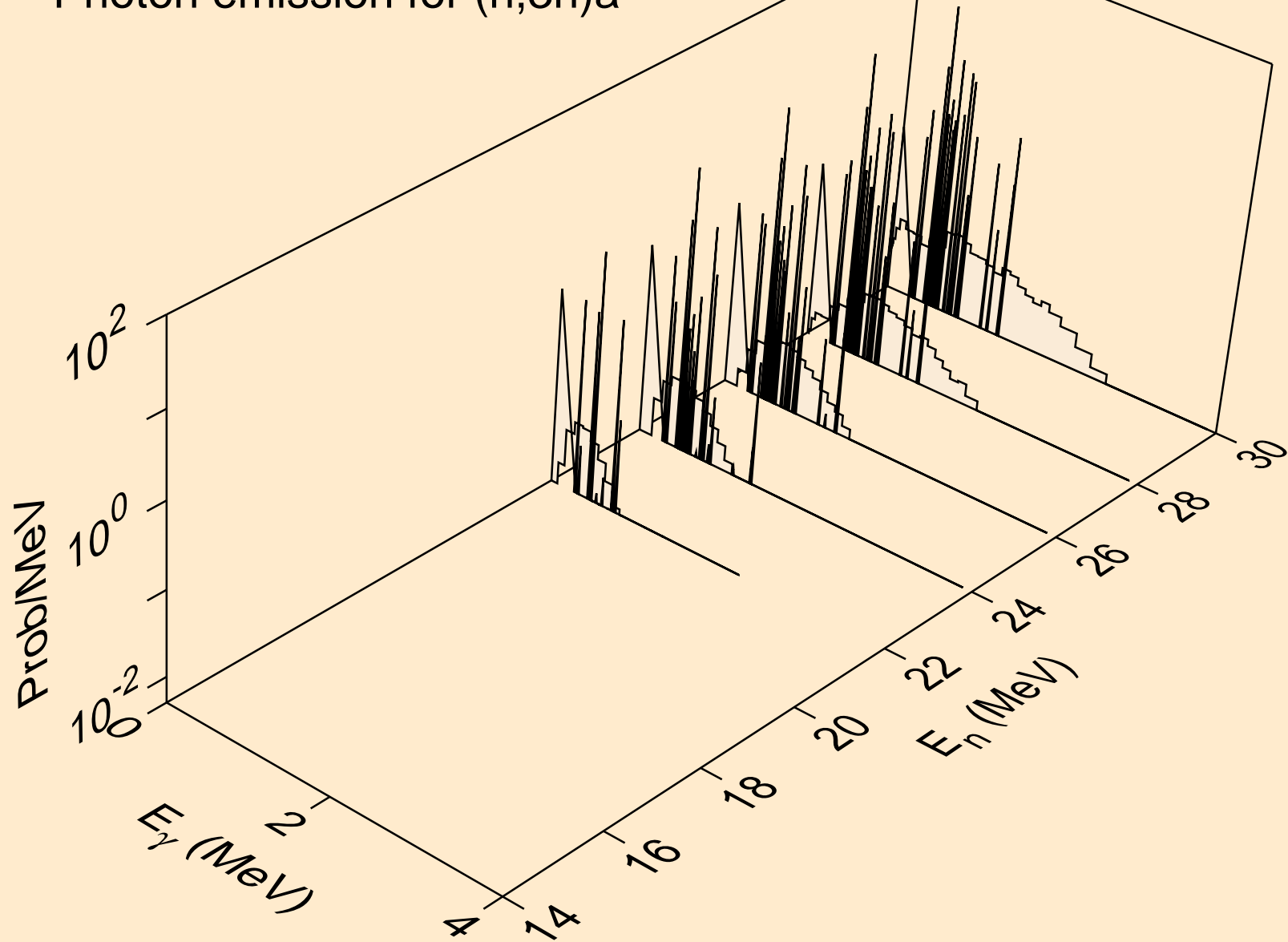
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



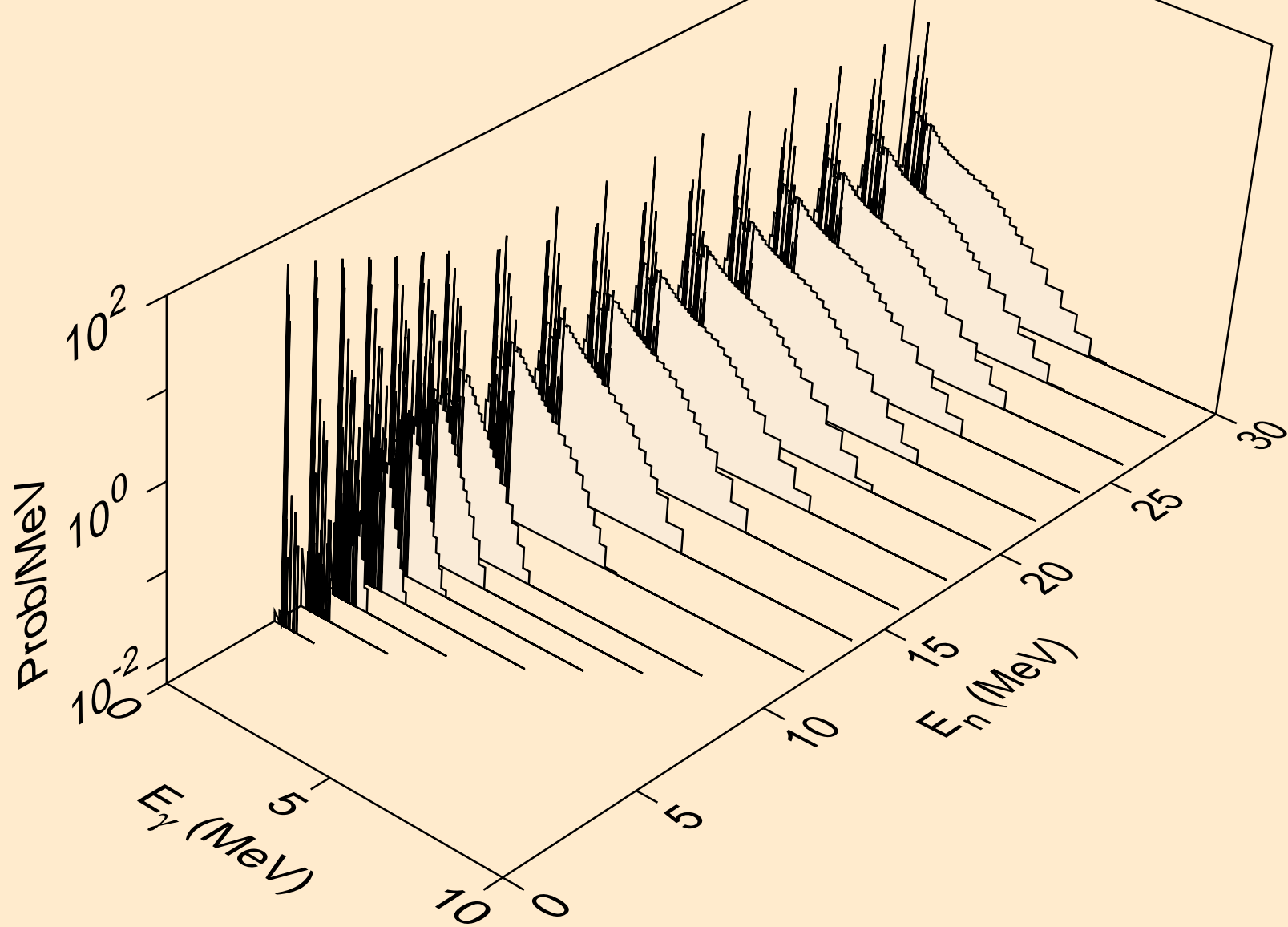
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

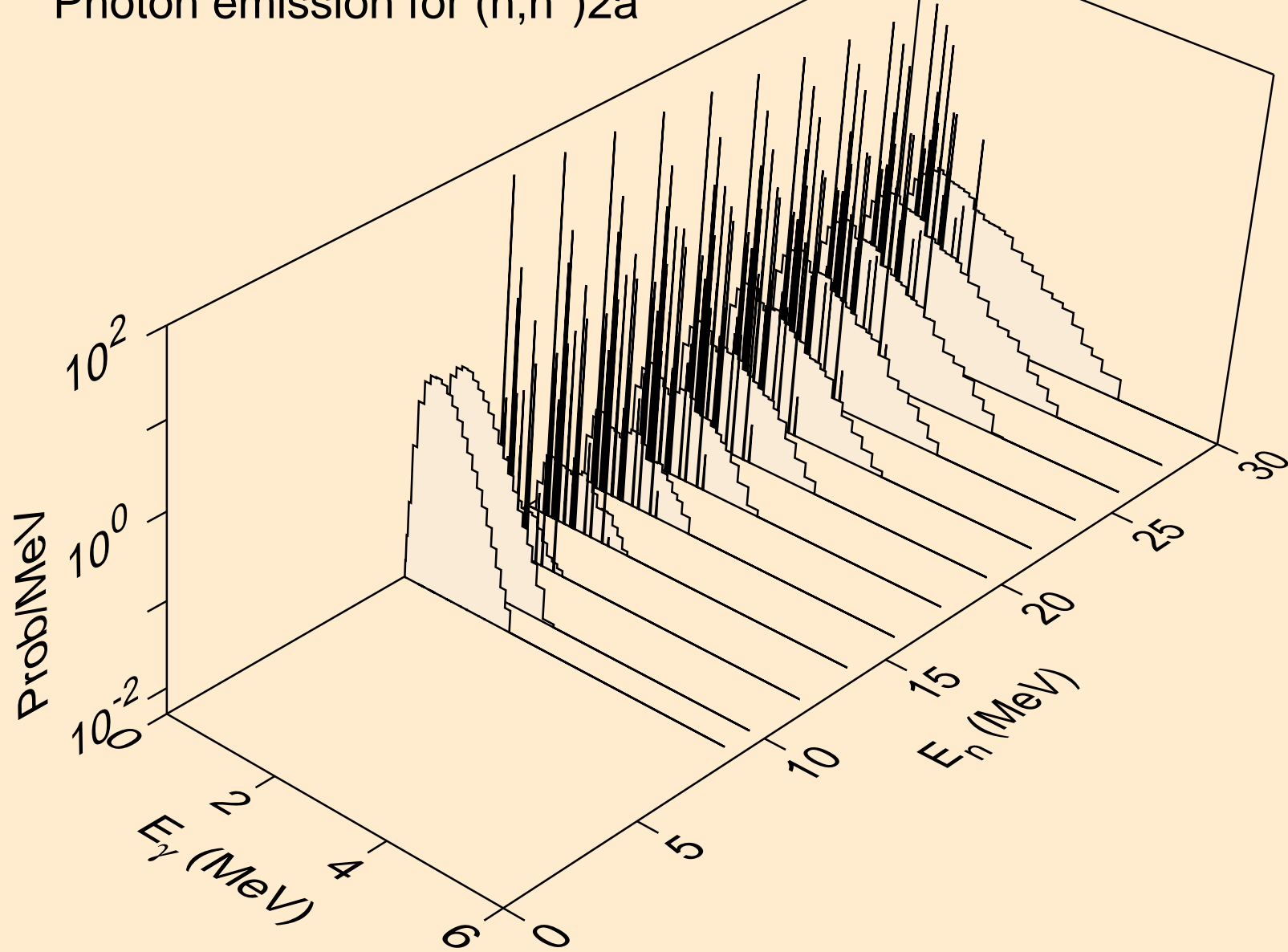


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

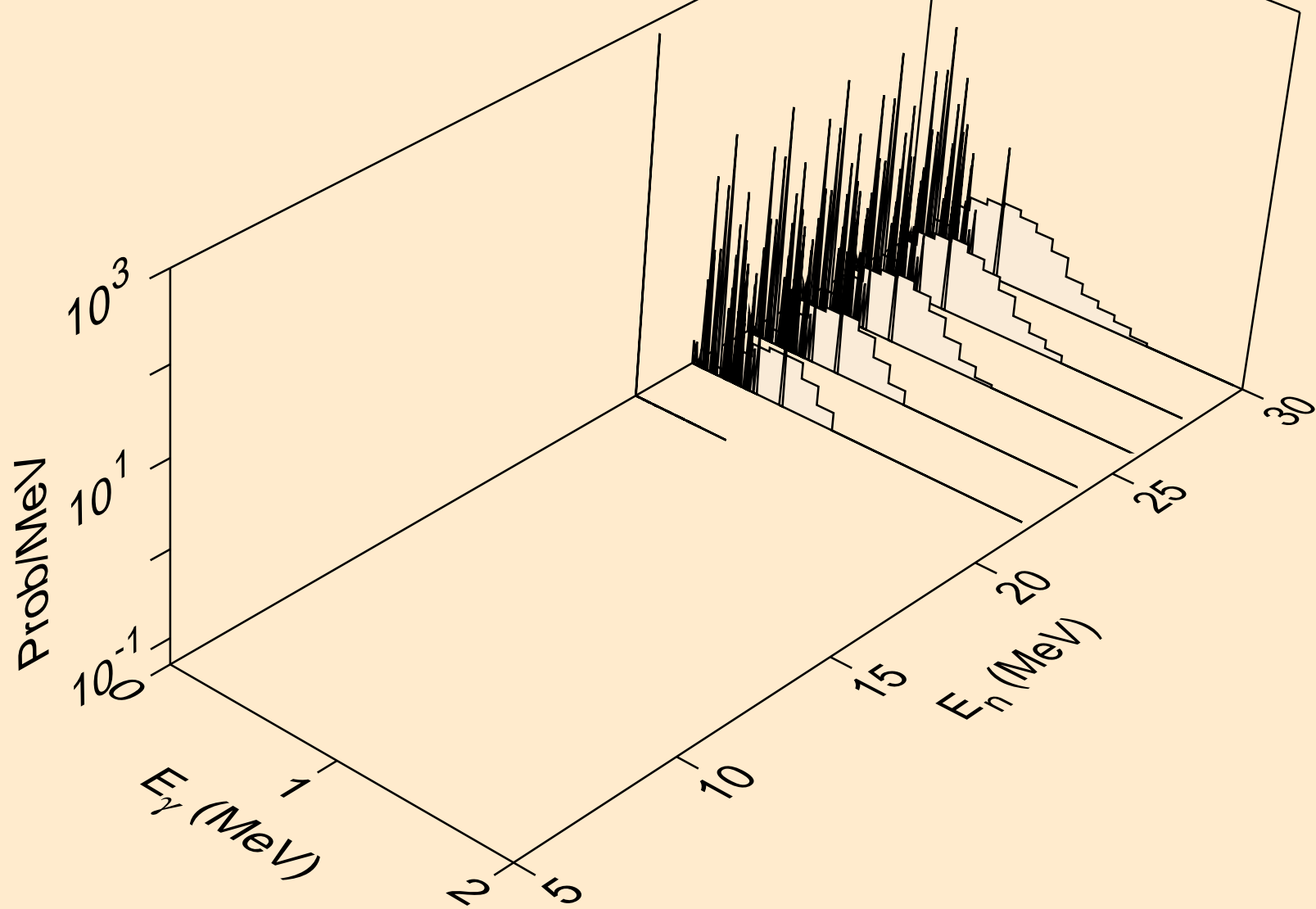




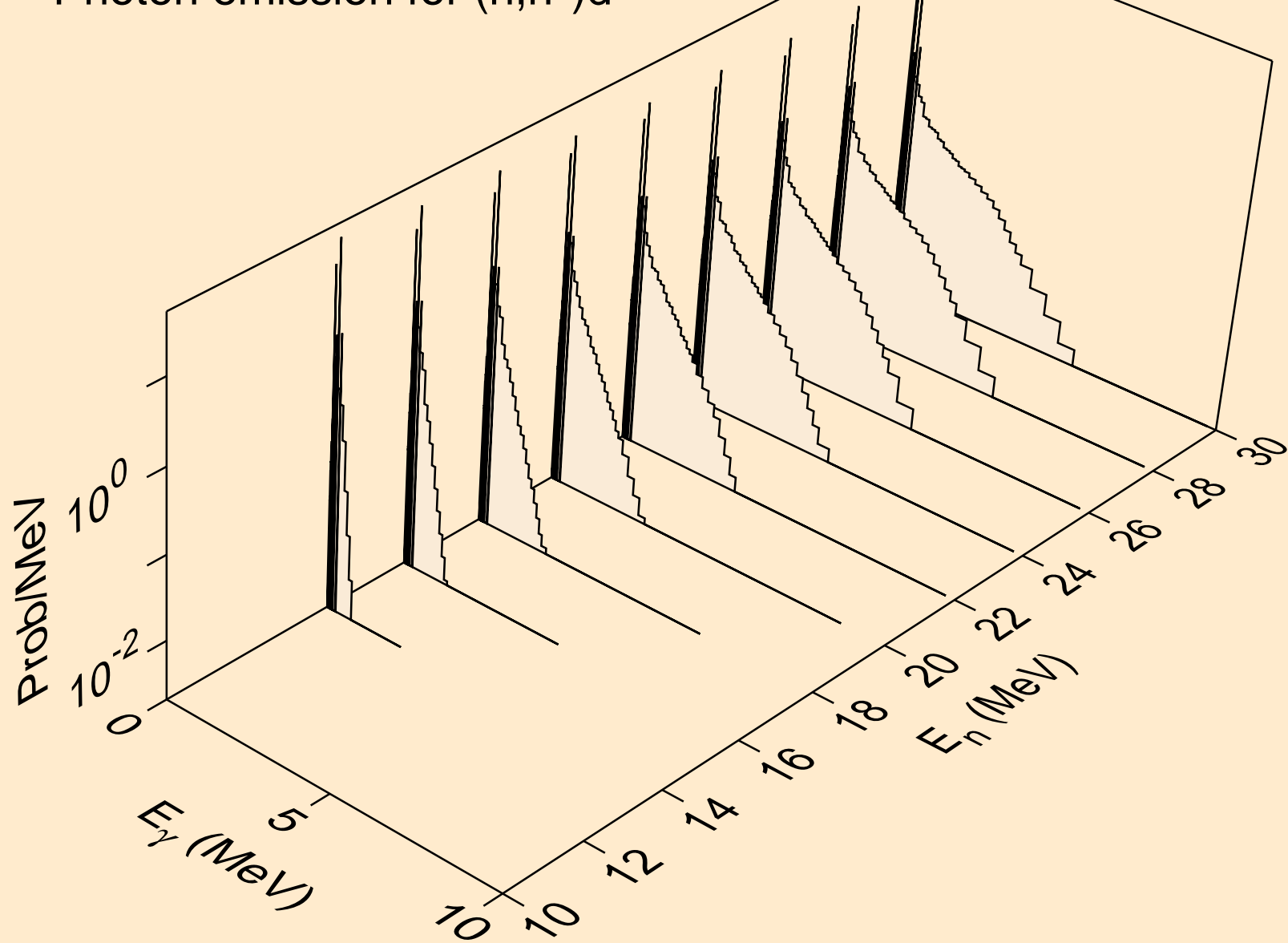
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



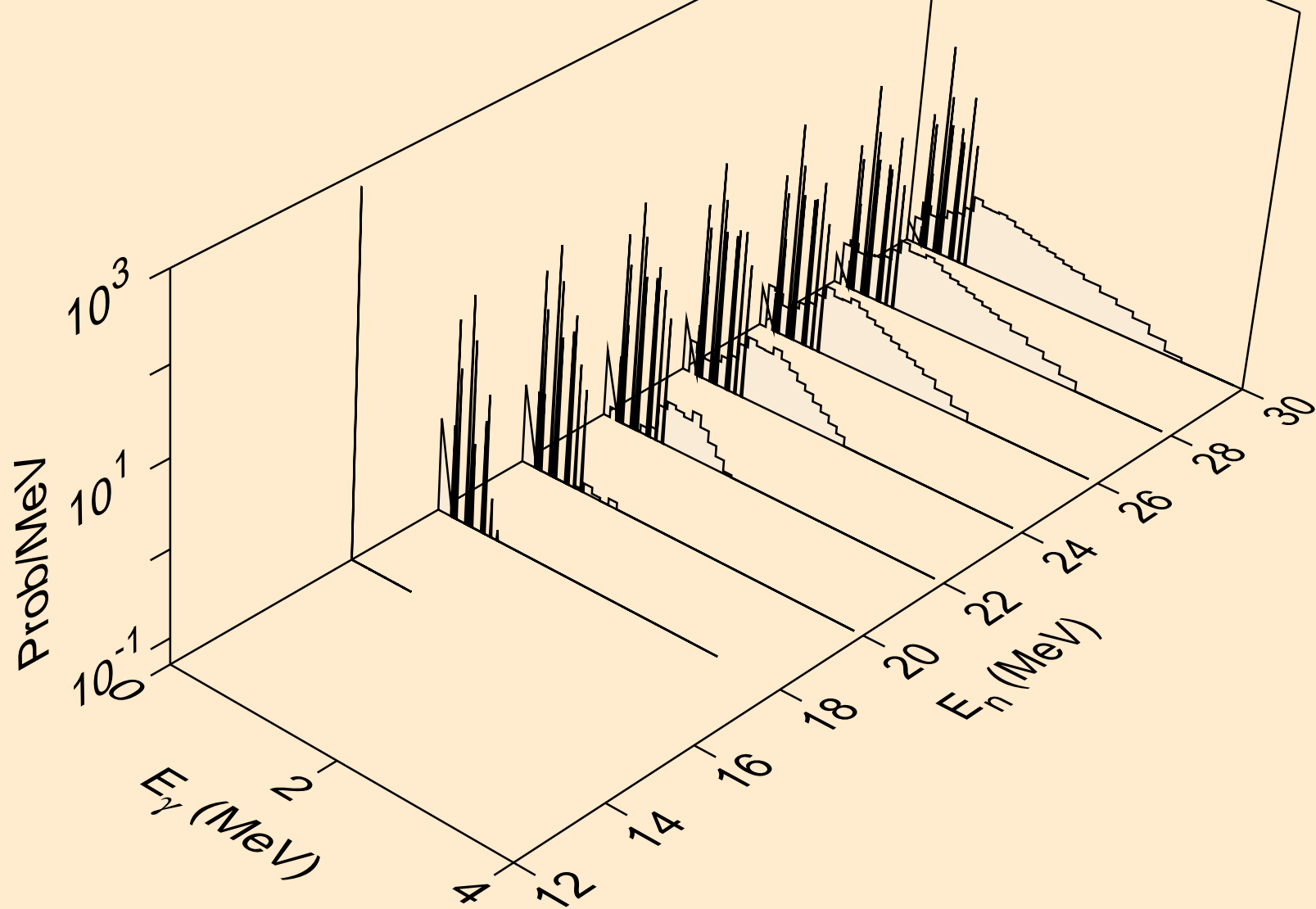
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



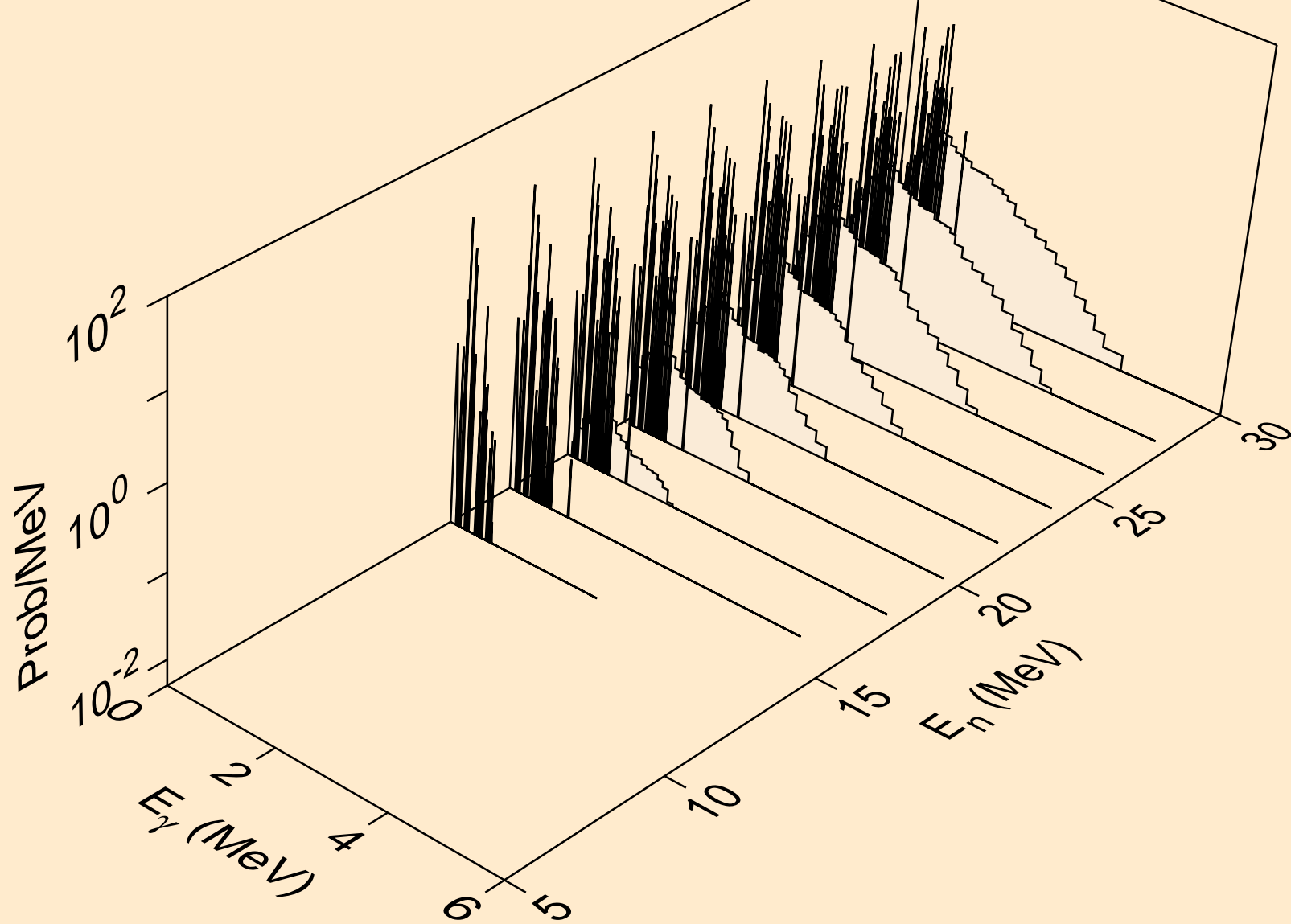
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



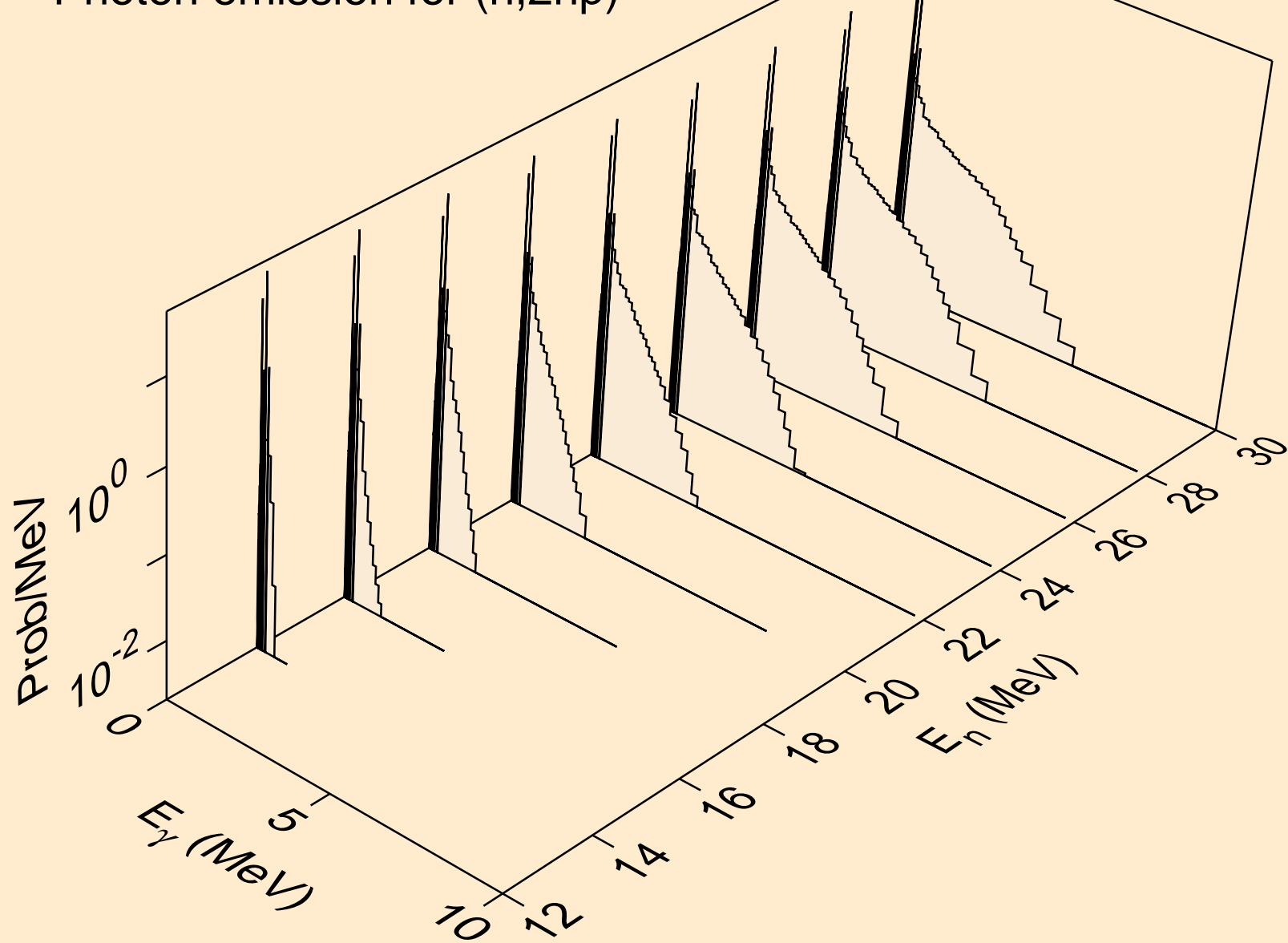
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



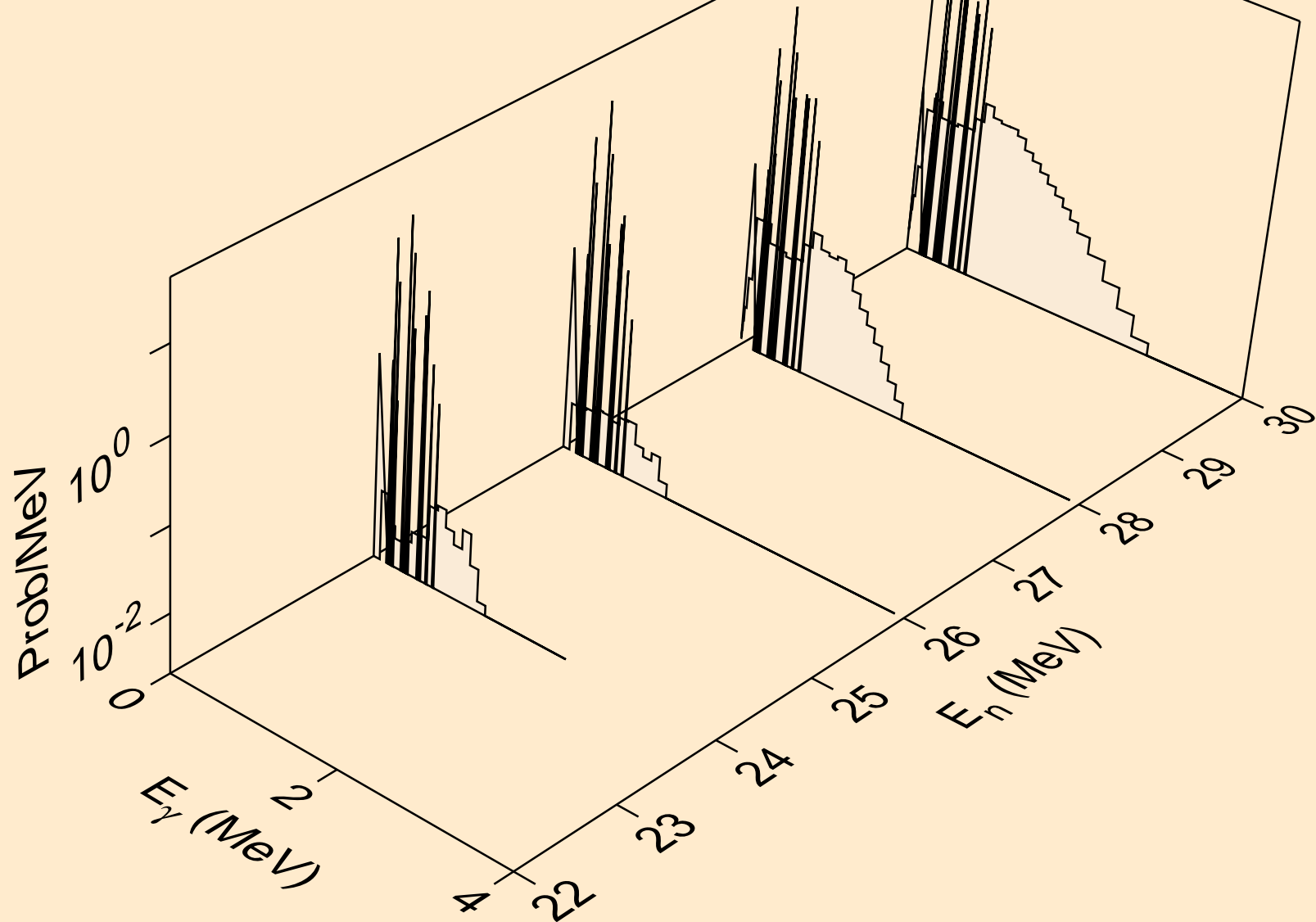
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



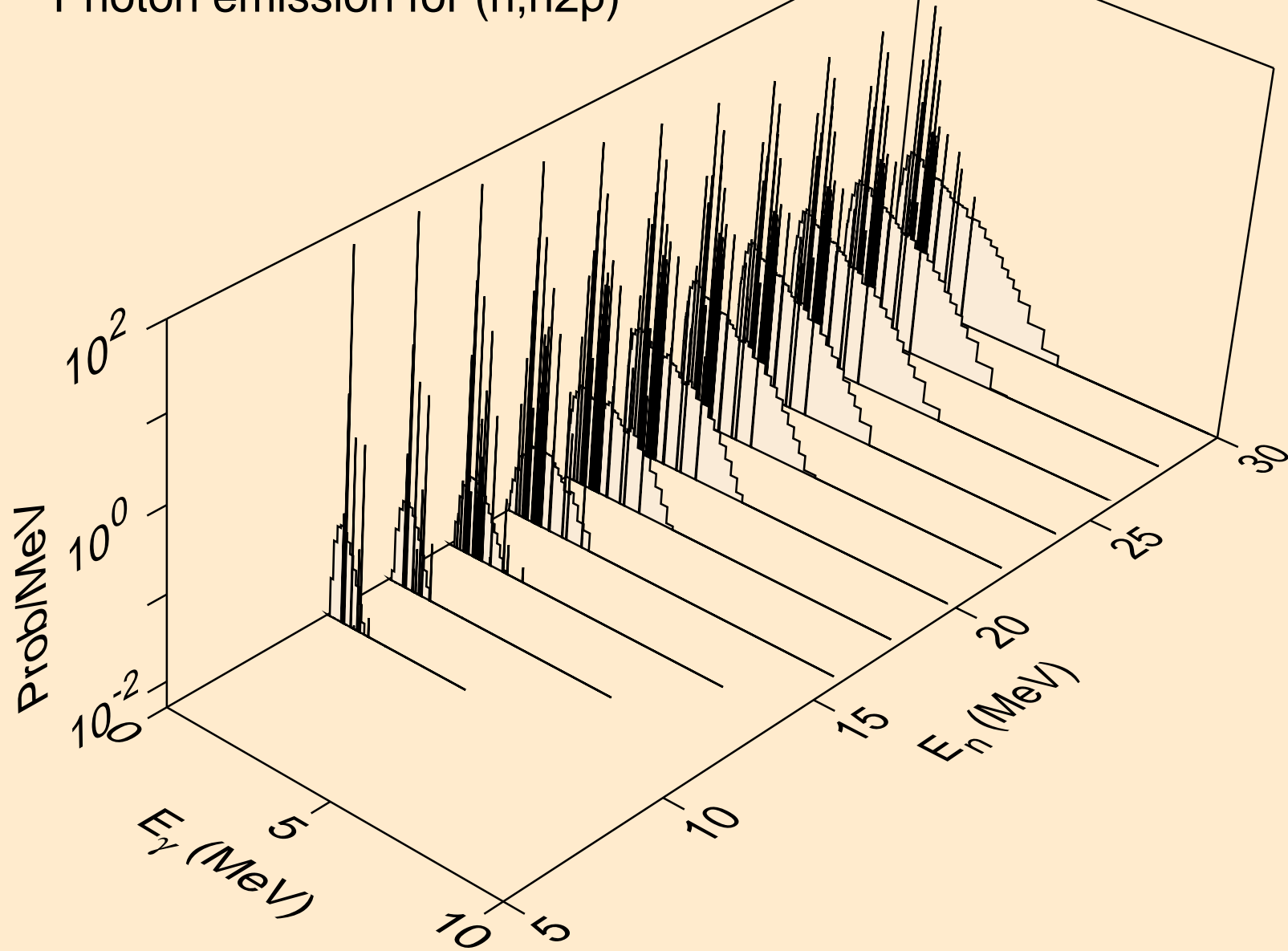
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

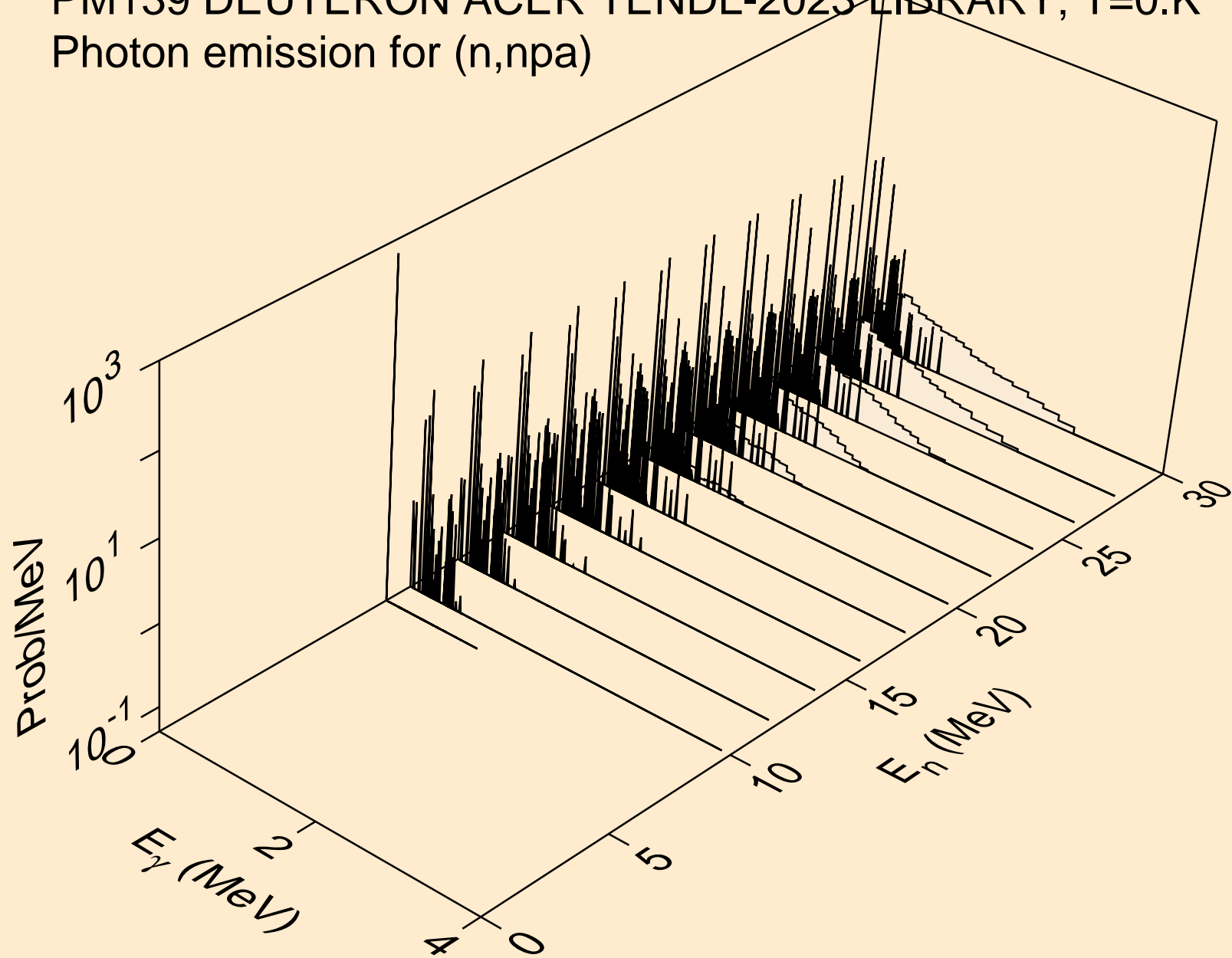


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

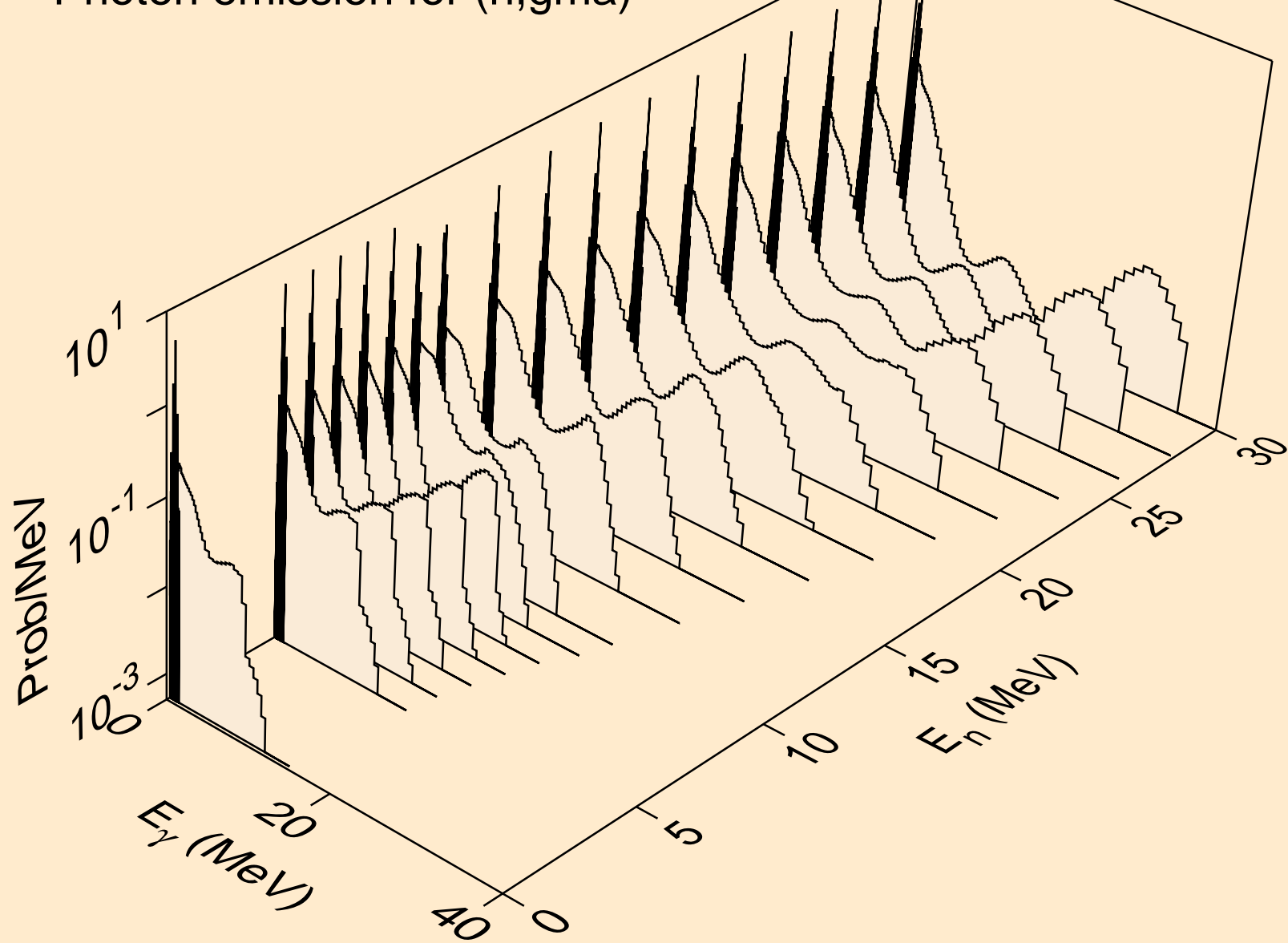




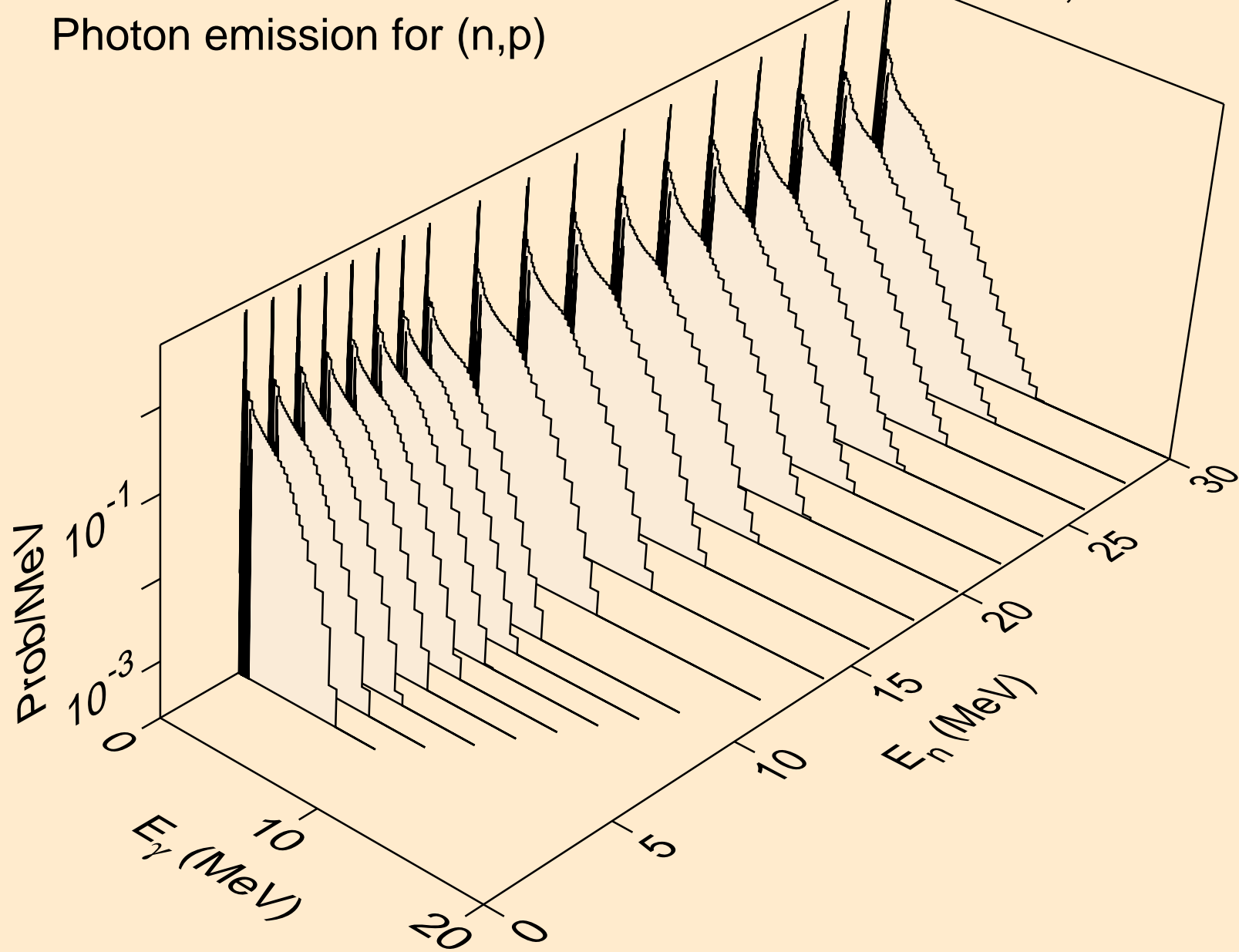
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



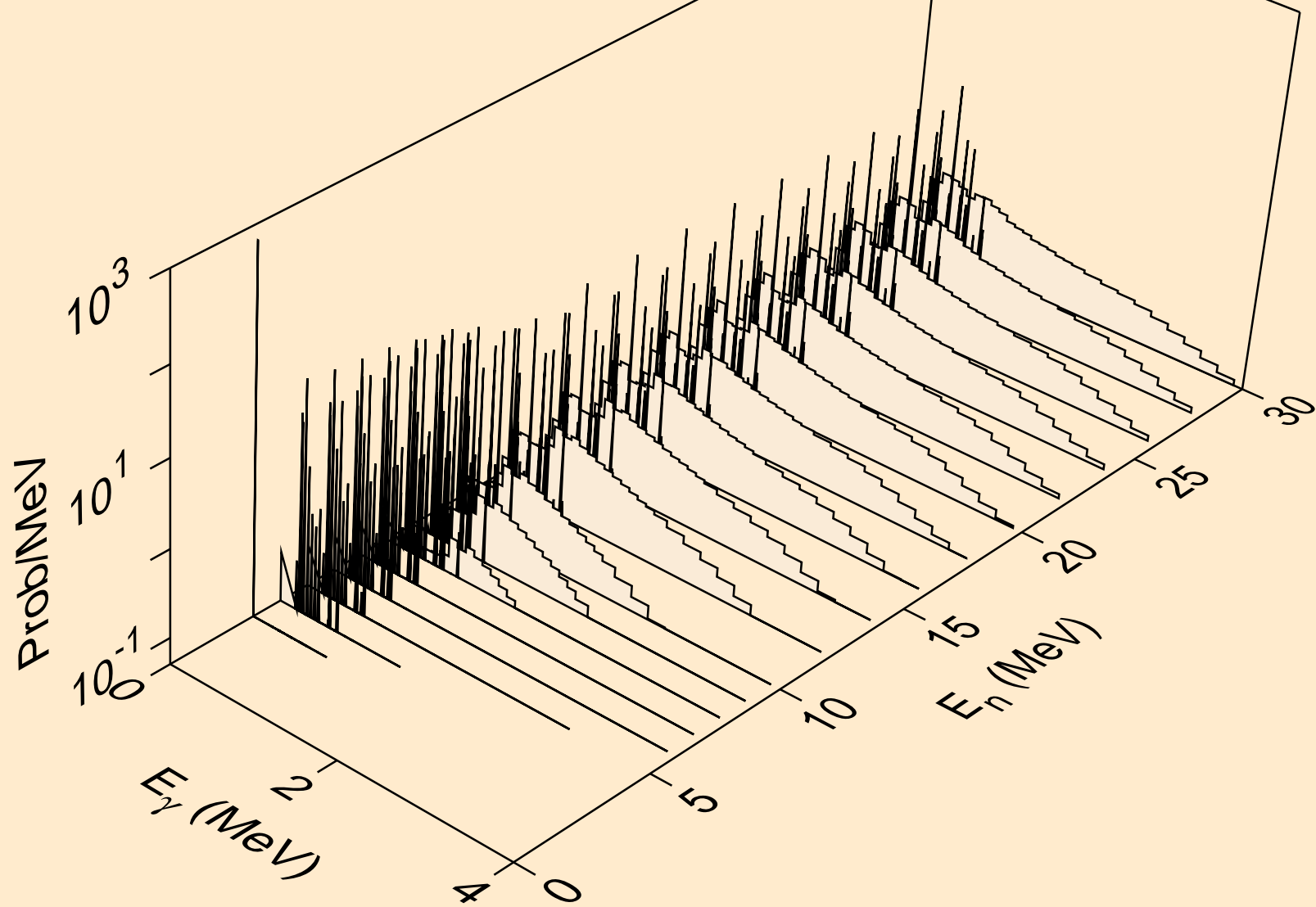
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



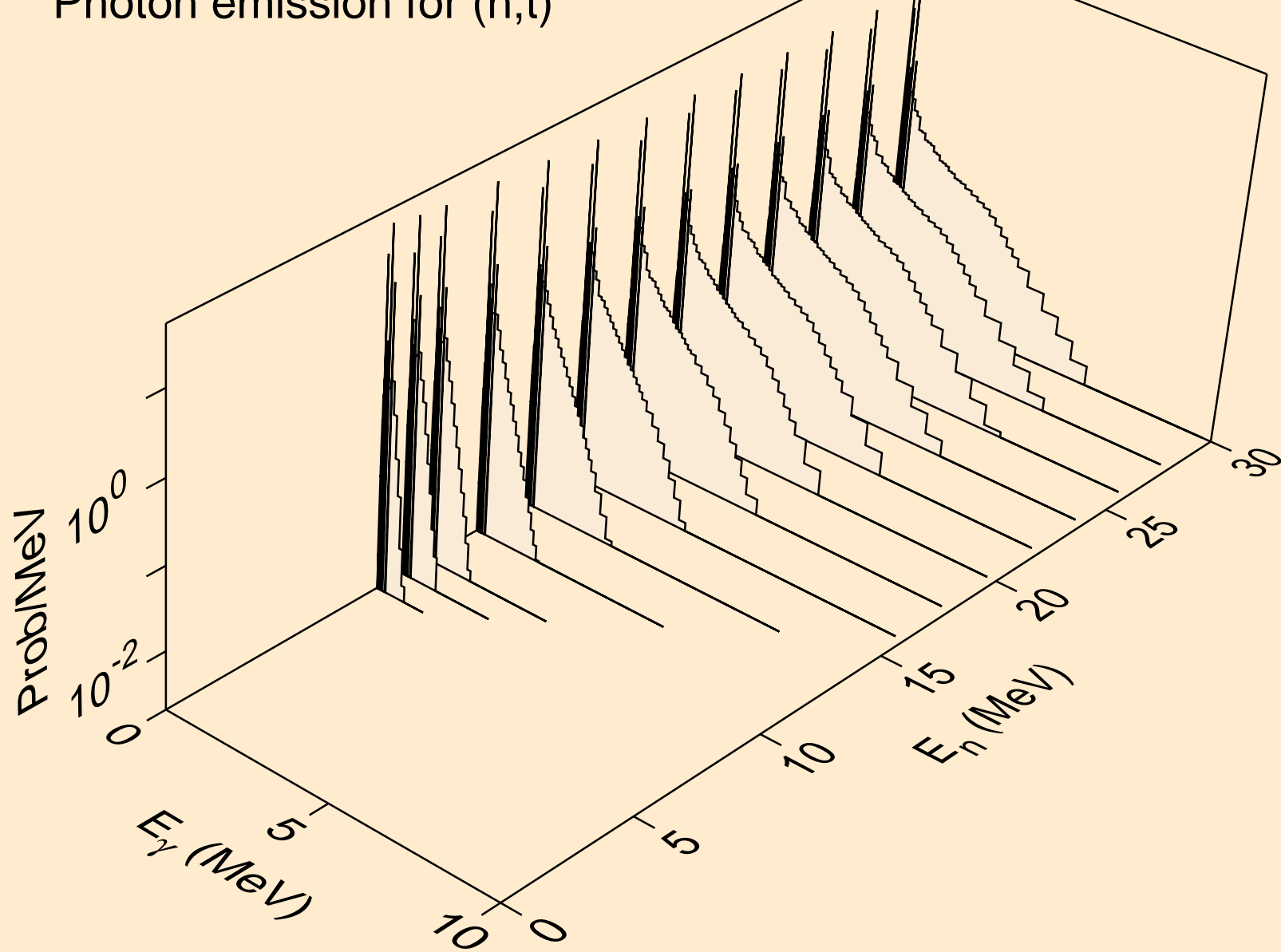
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



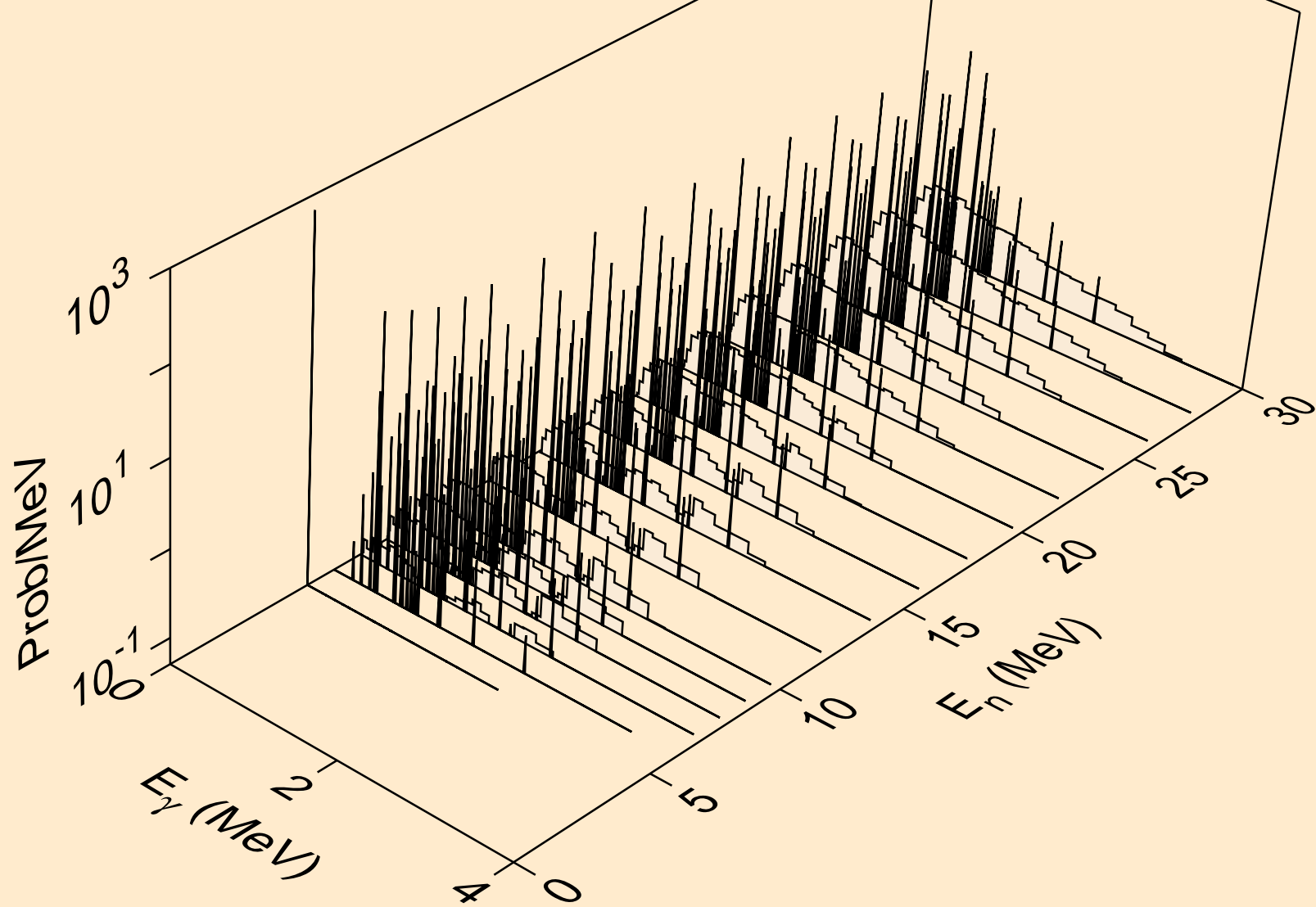
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



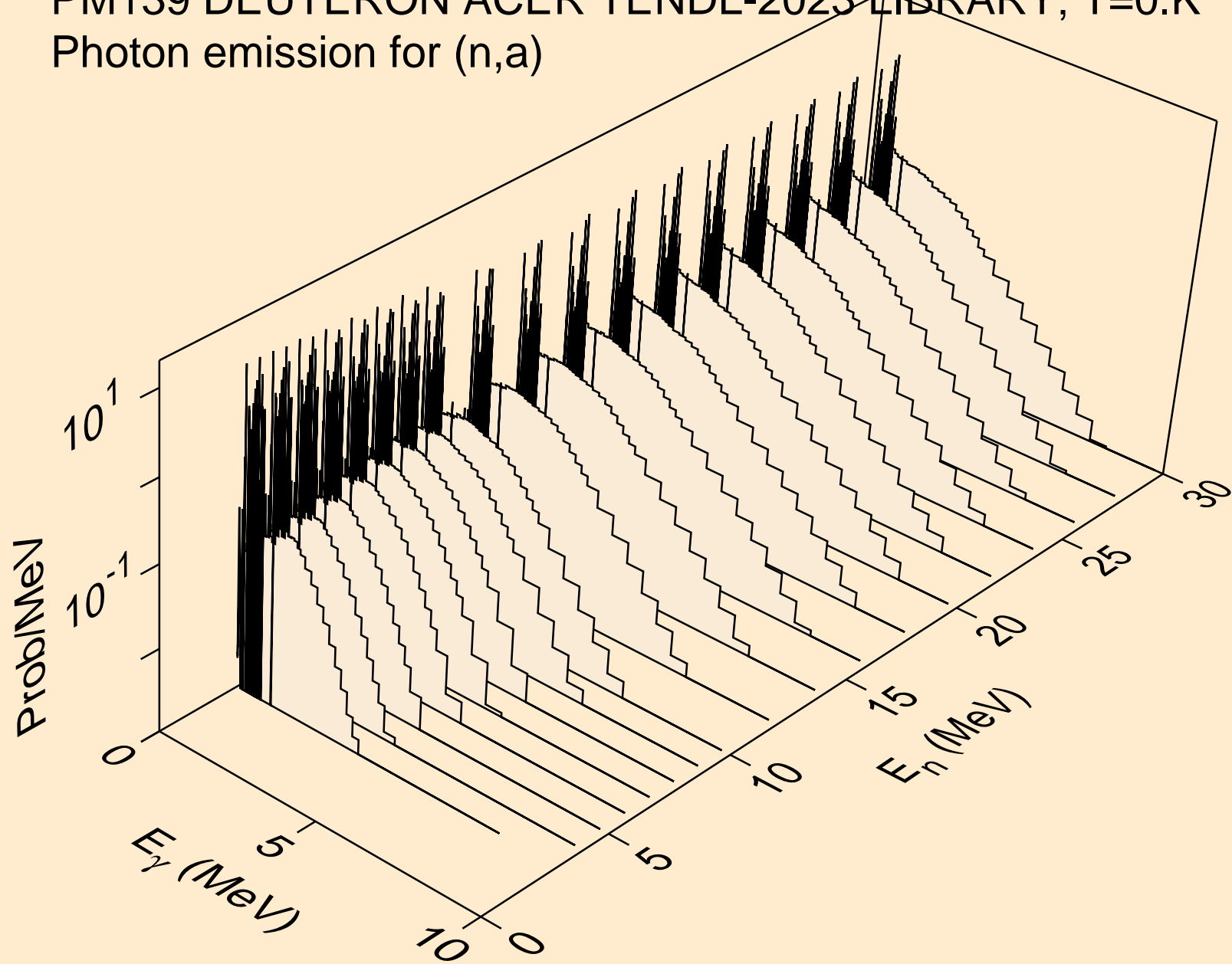
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



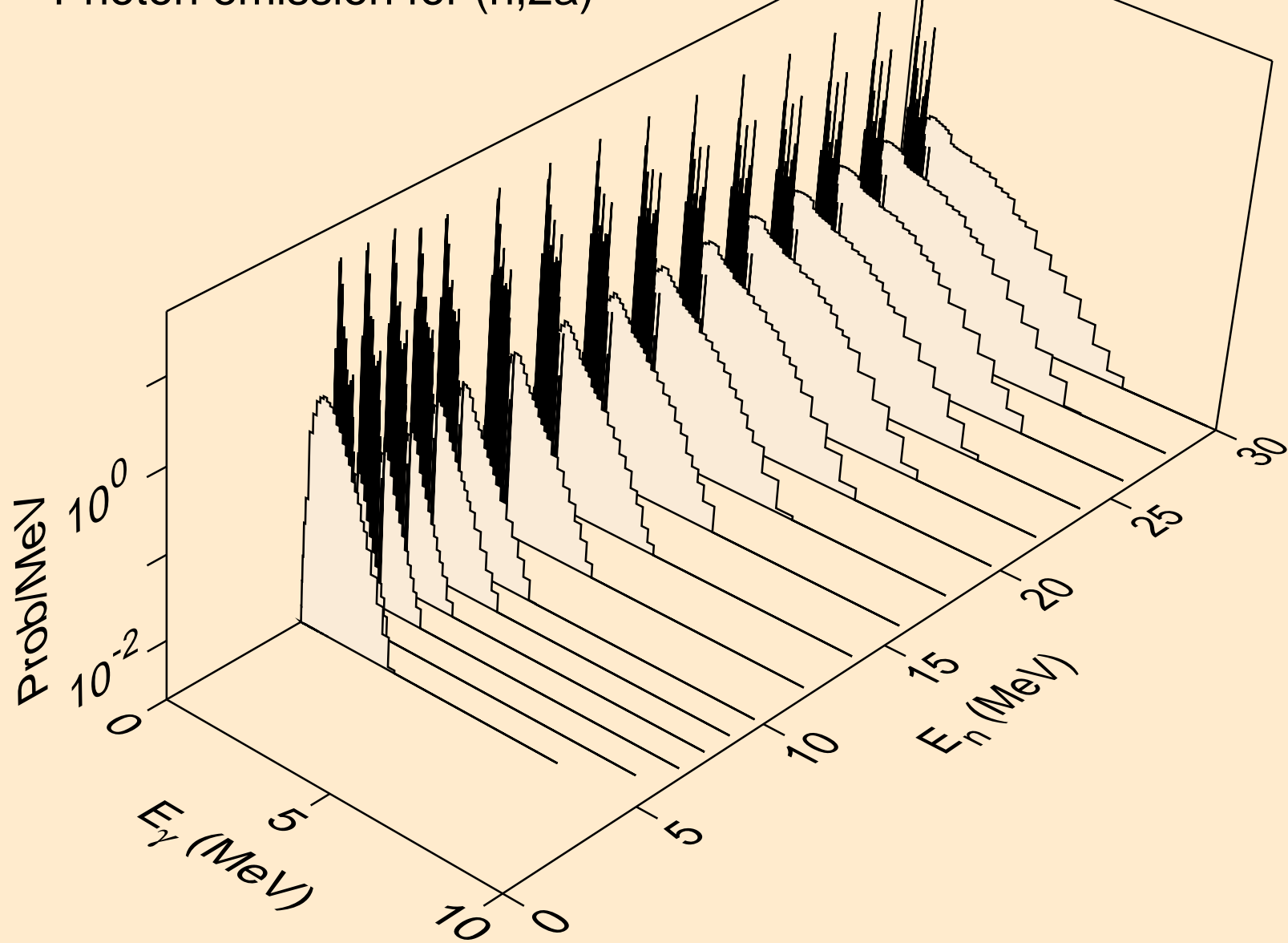
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

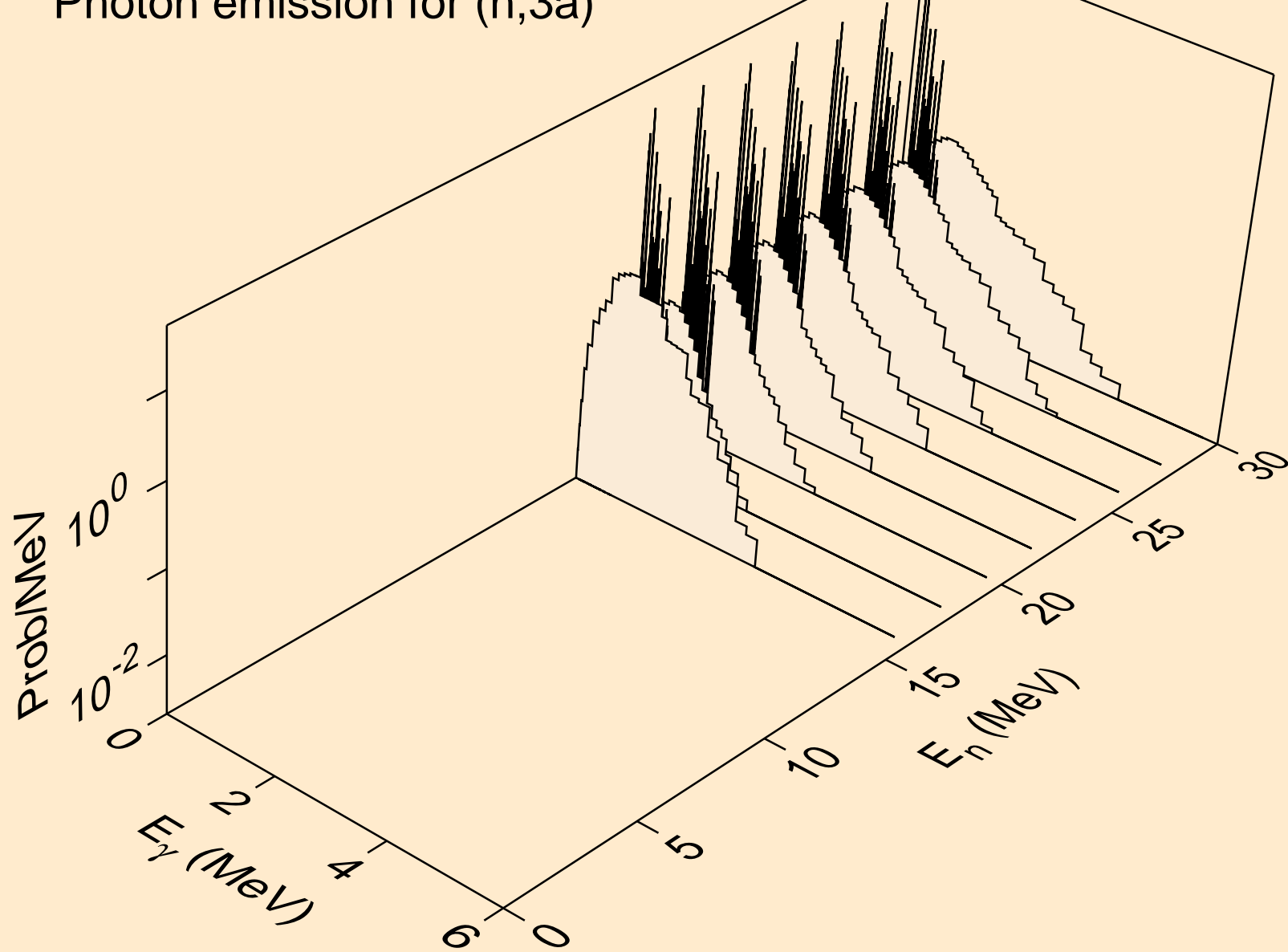


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

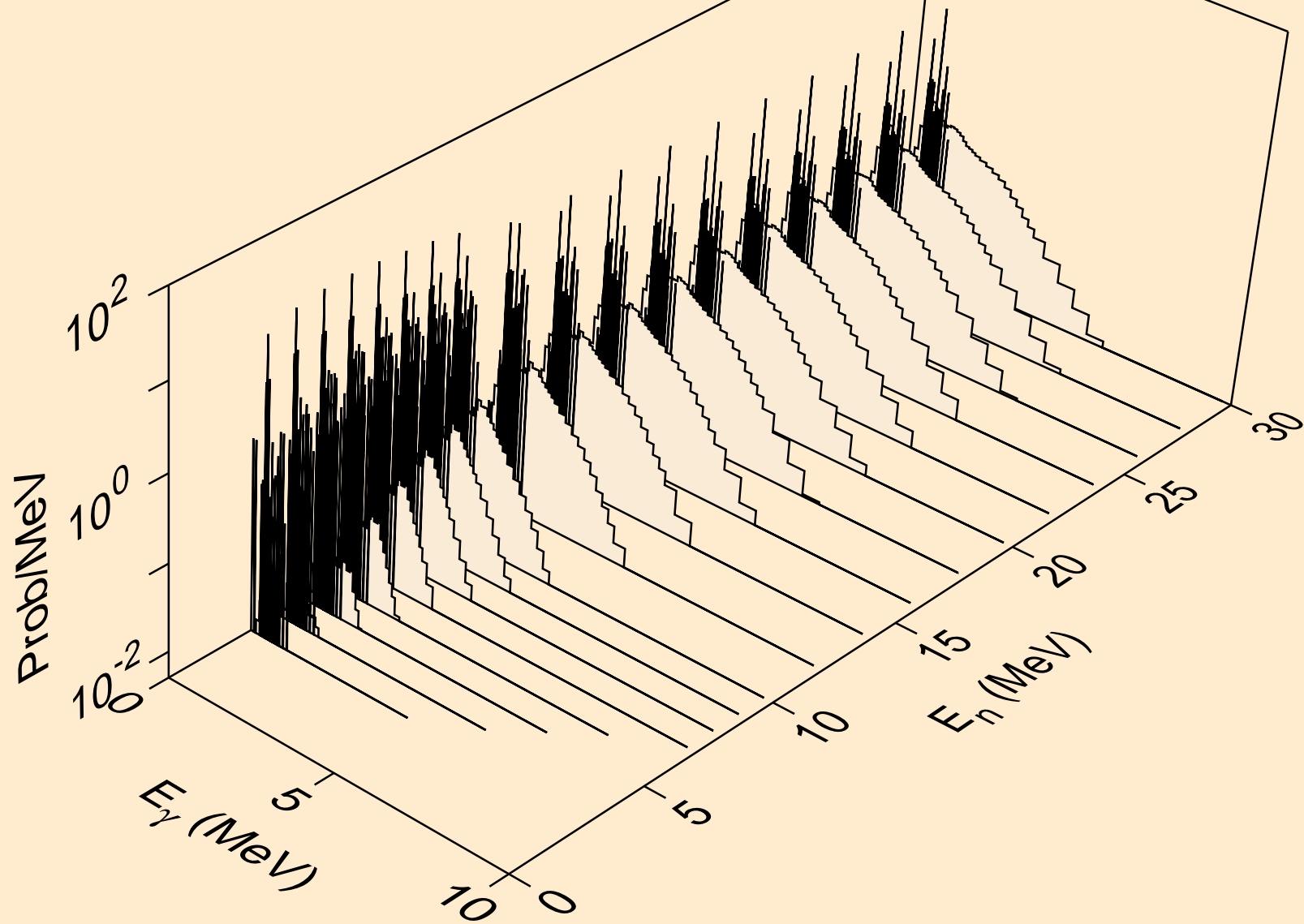




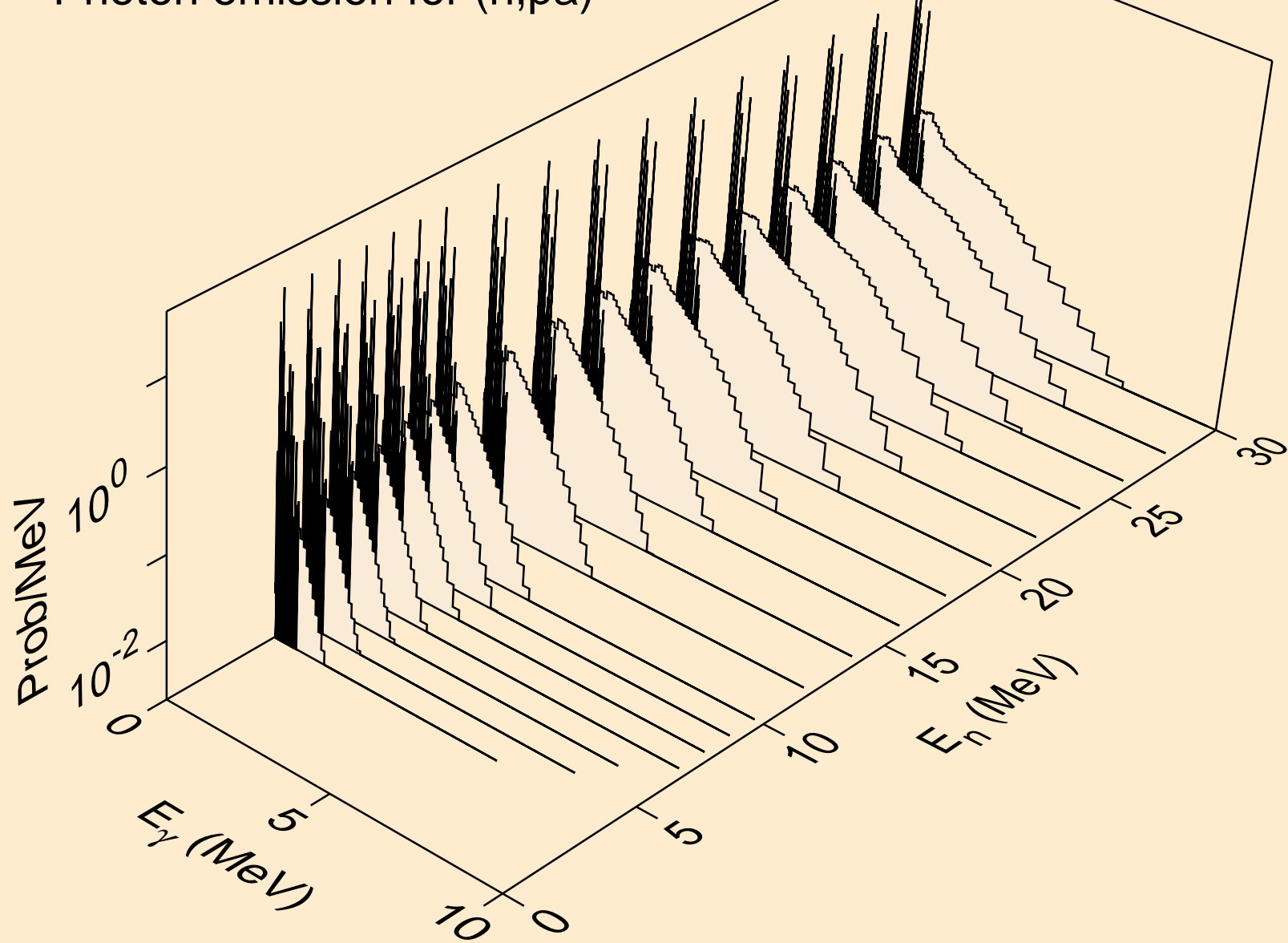
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



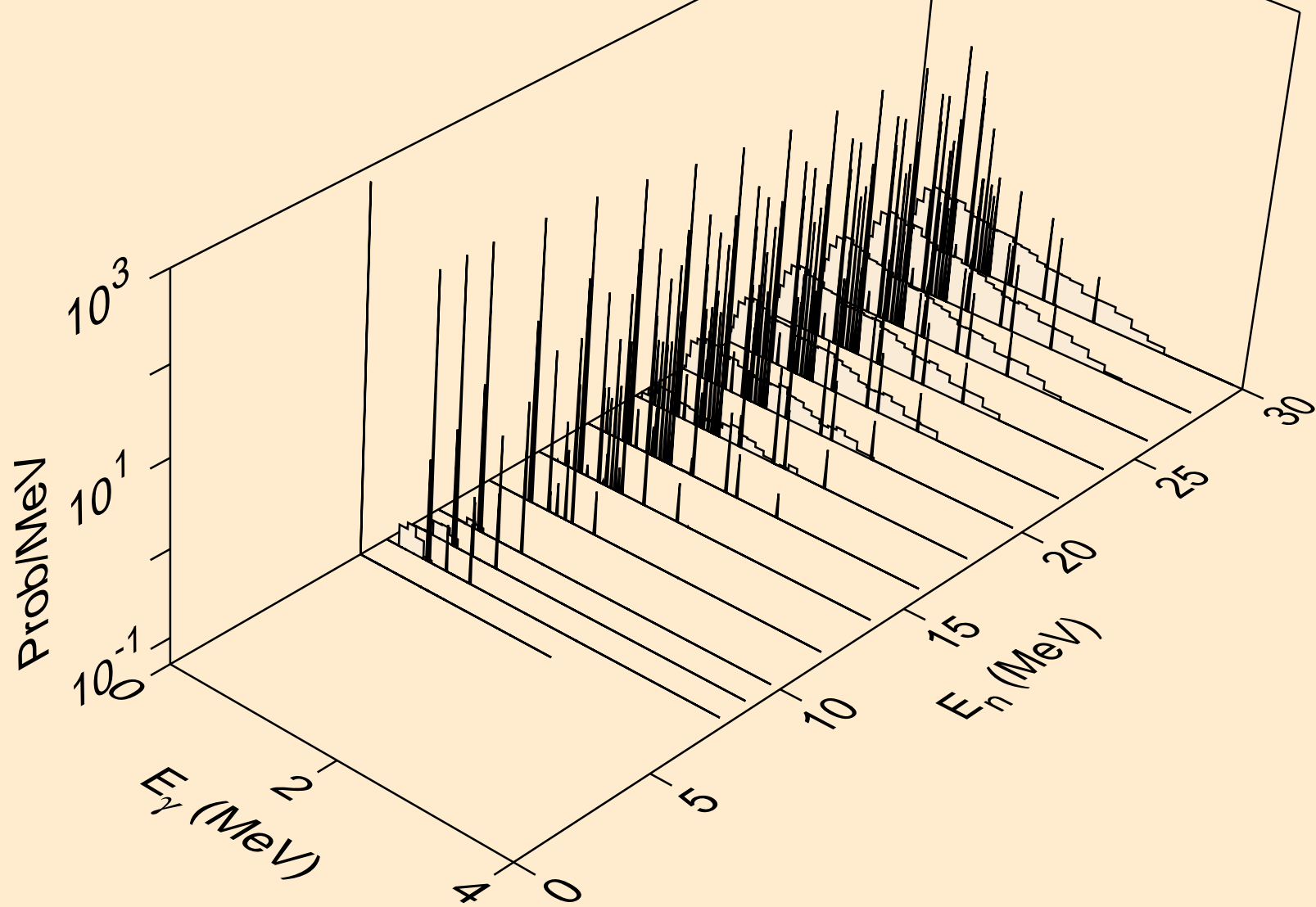
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



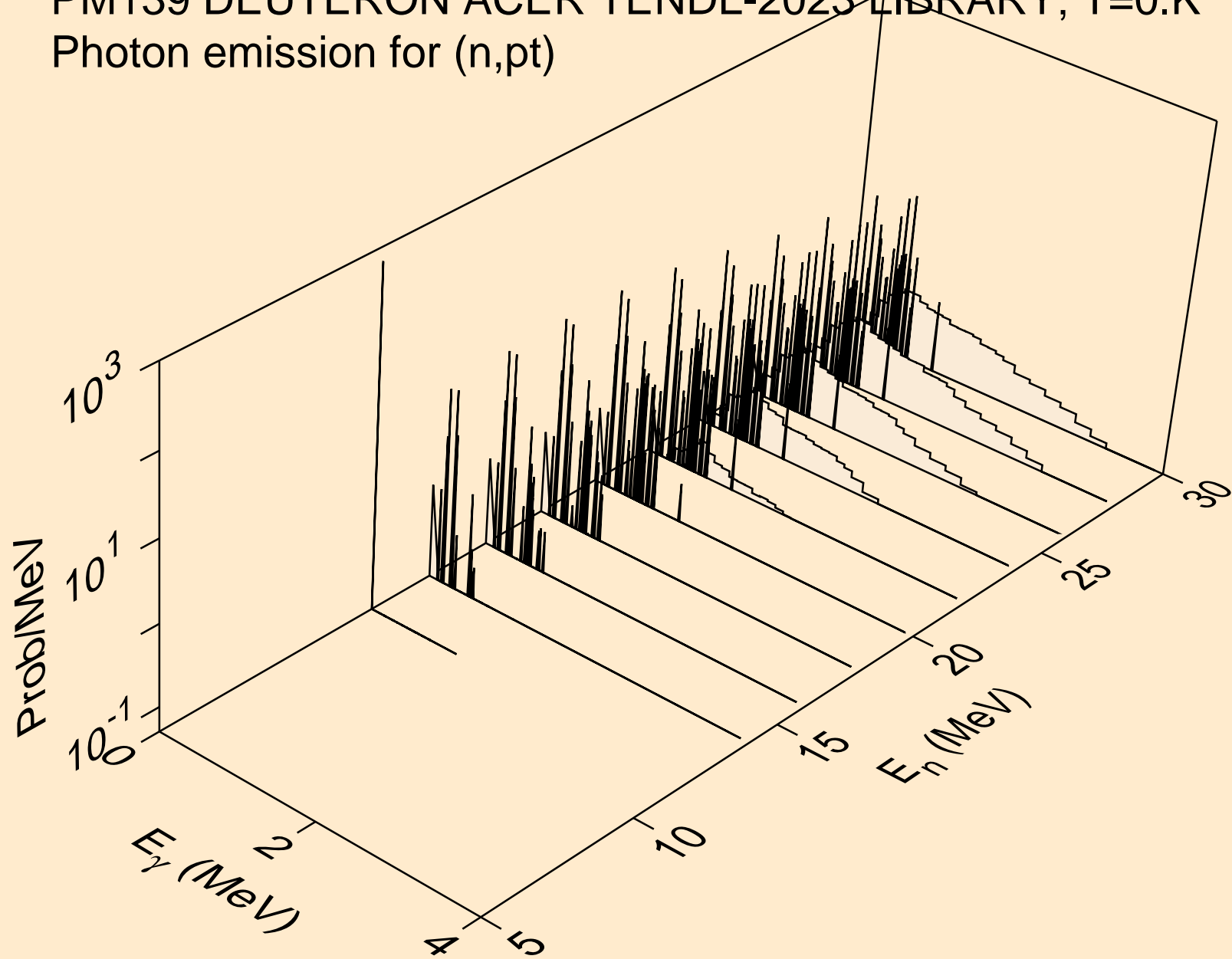
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



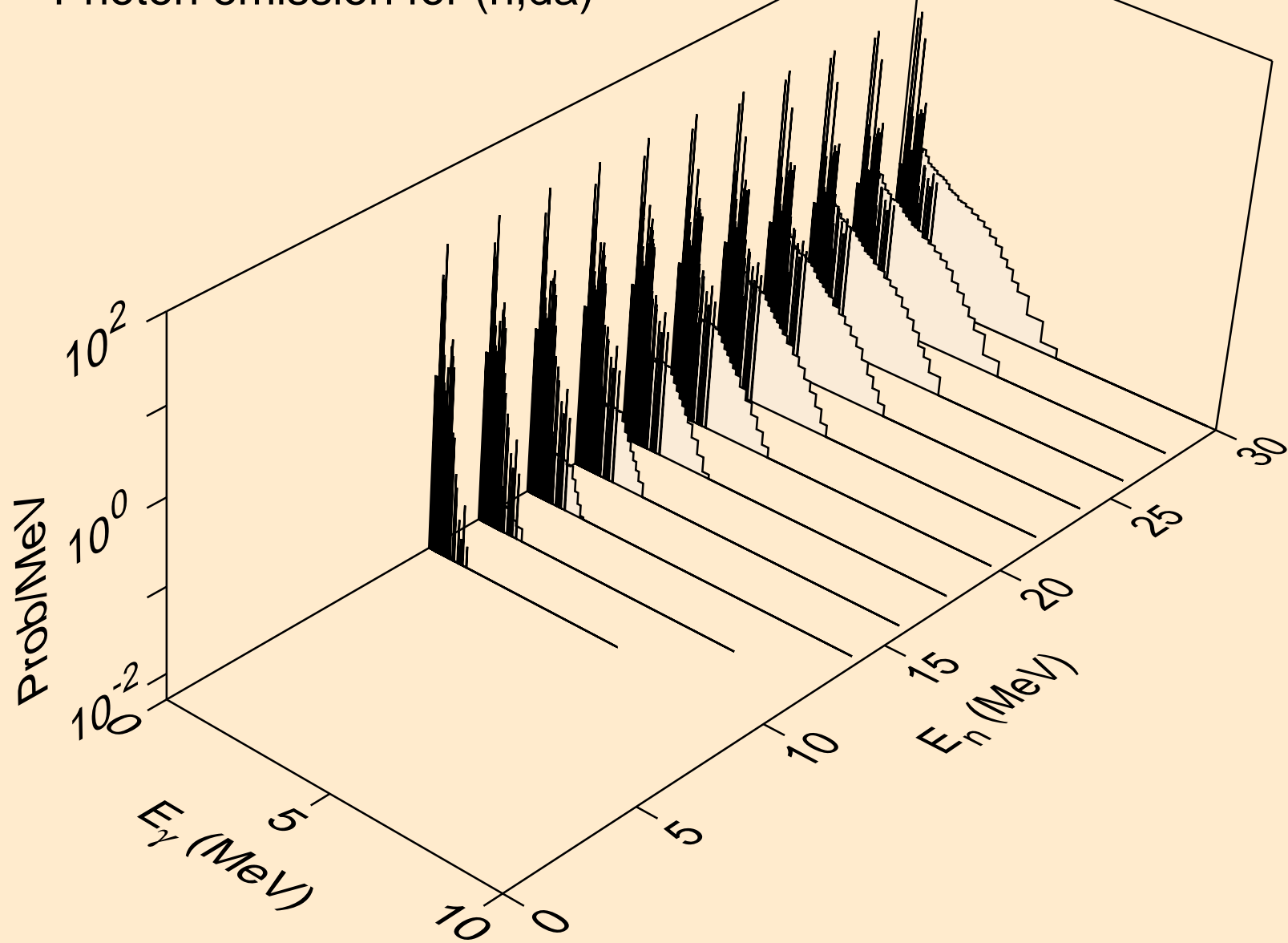
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

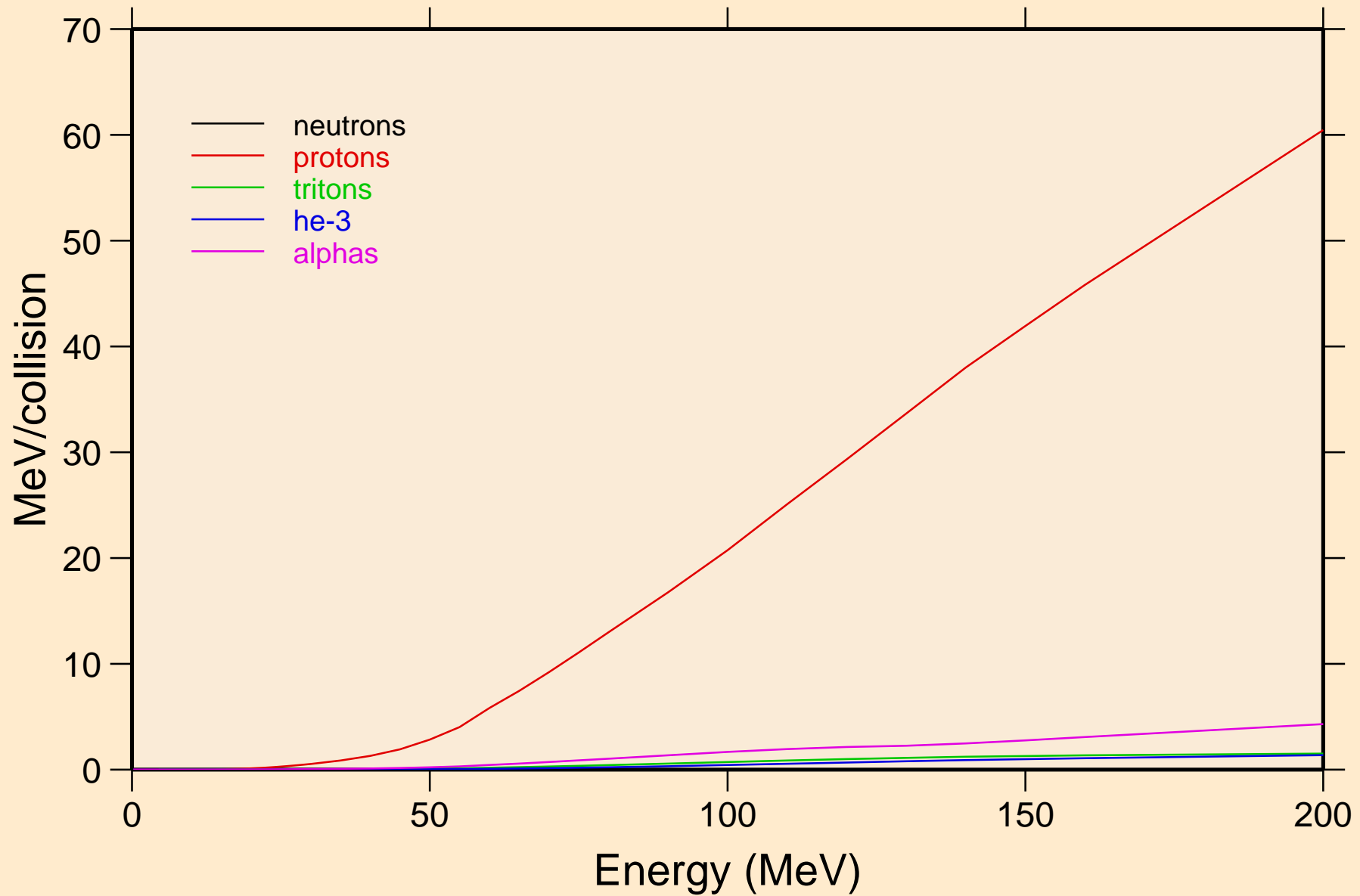


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

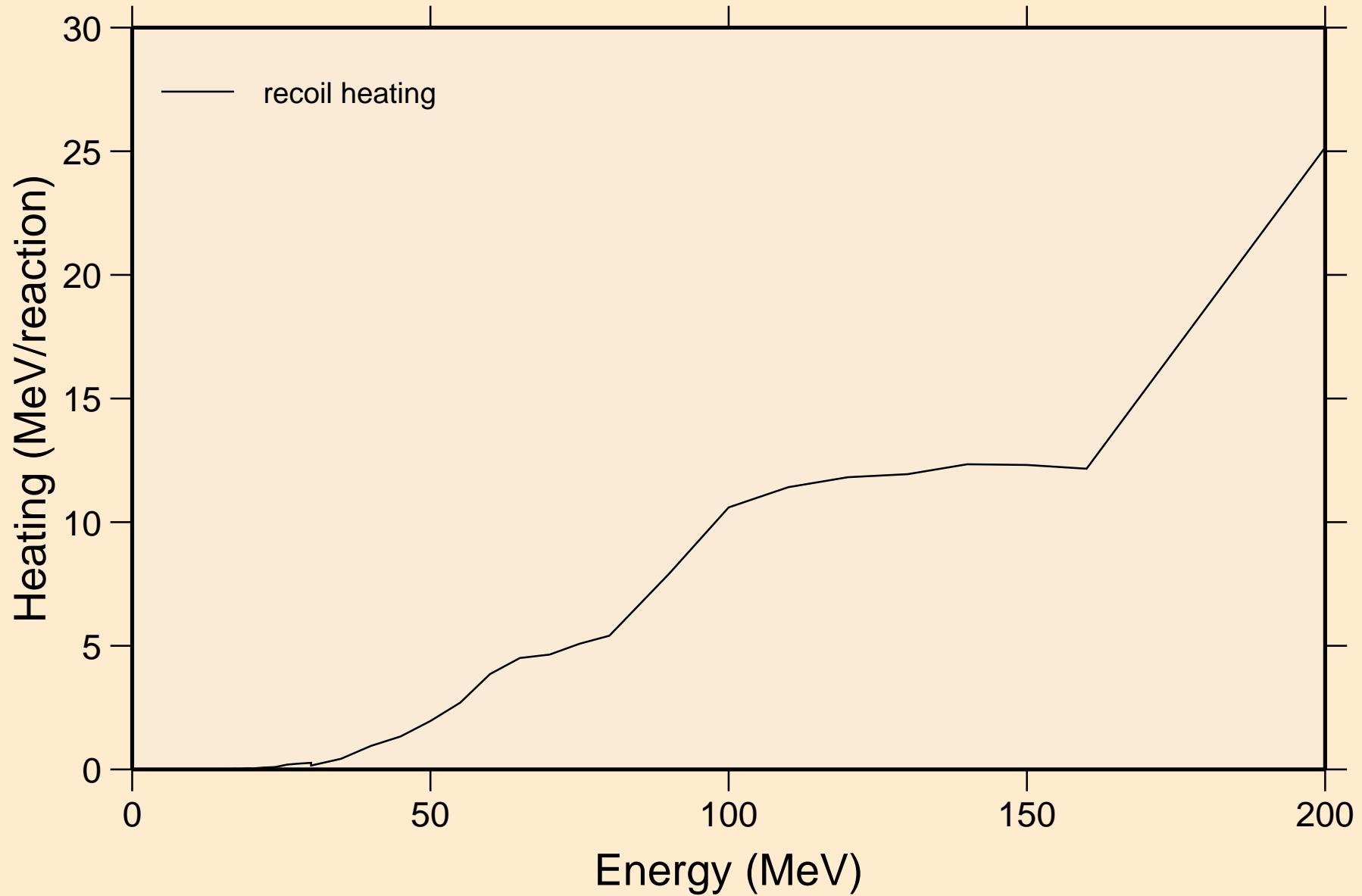


# PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

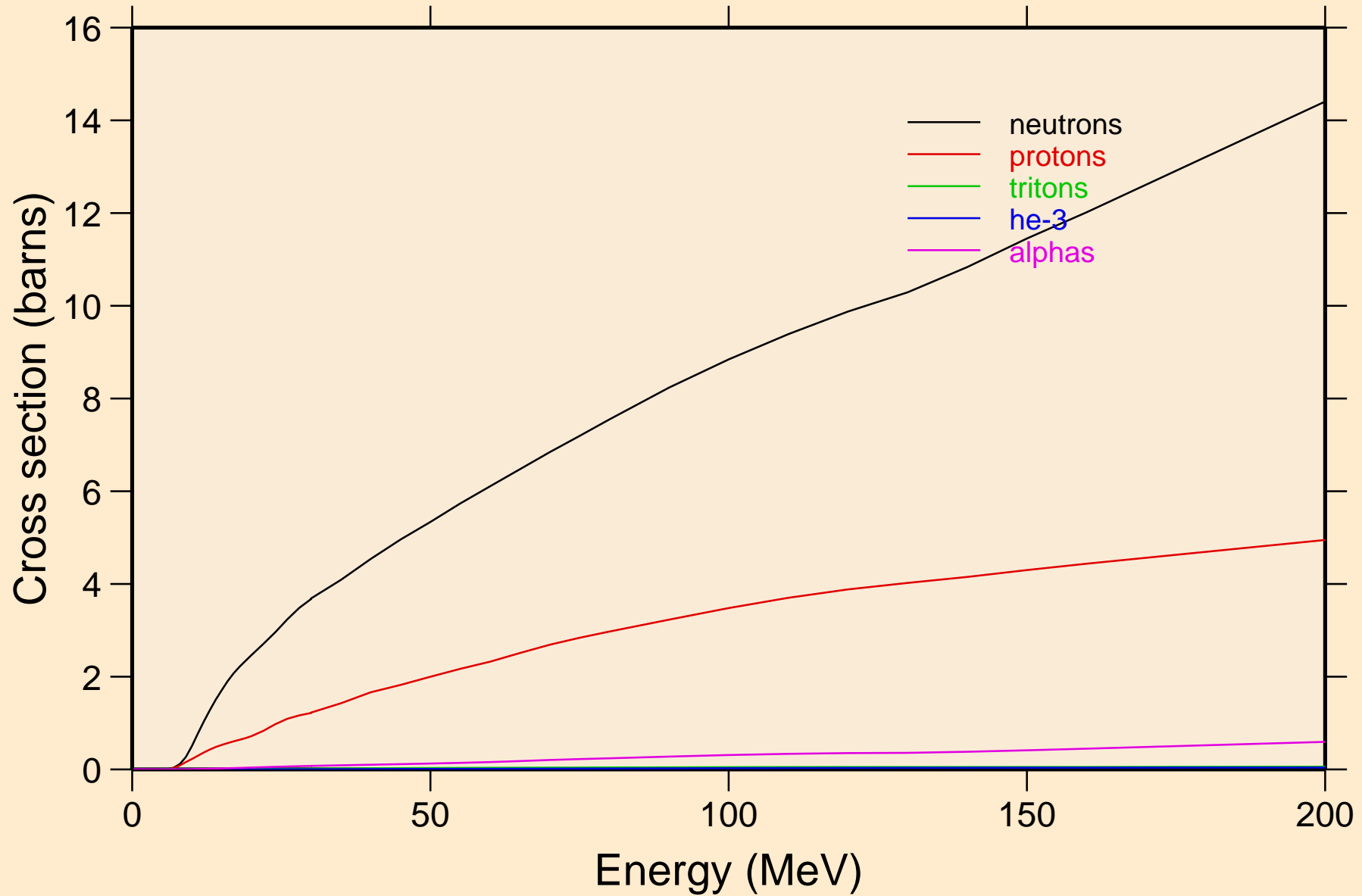


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

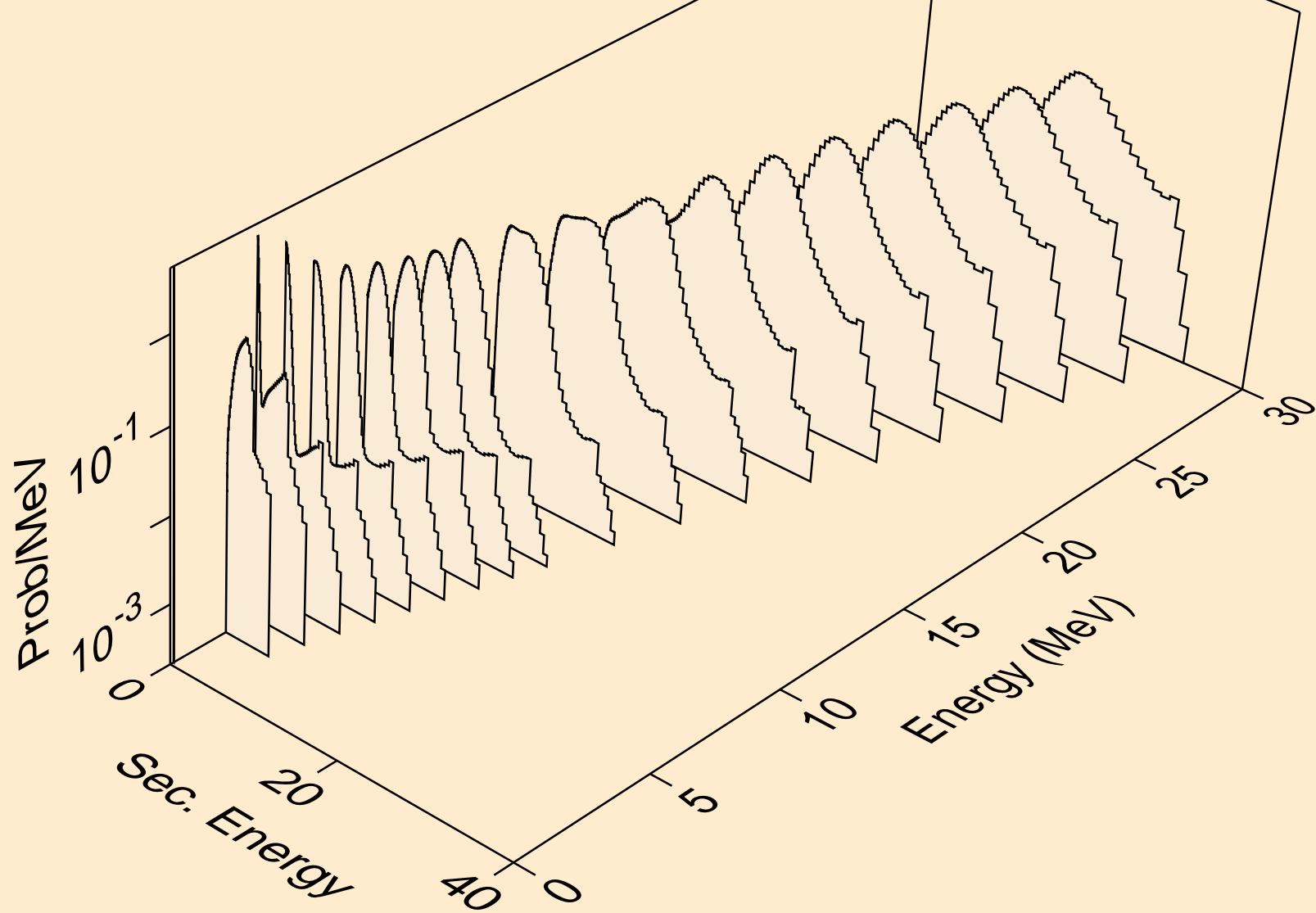




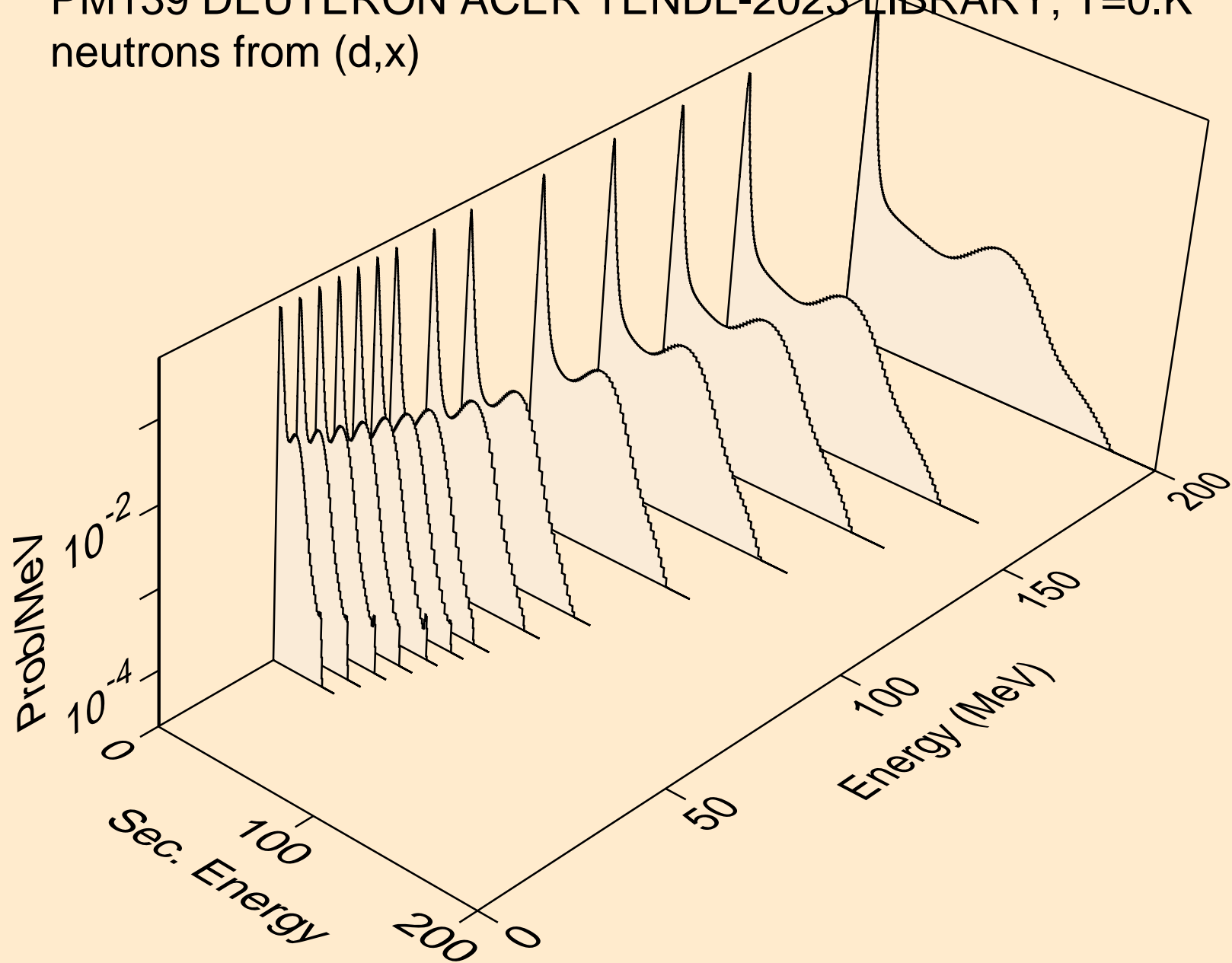
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



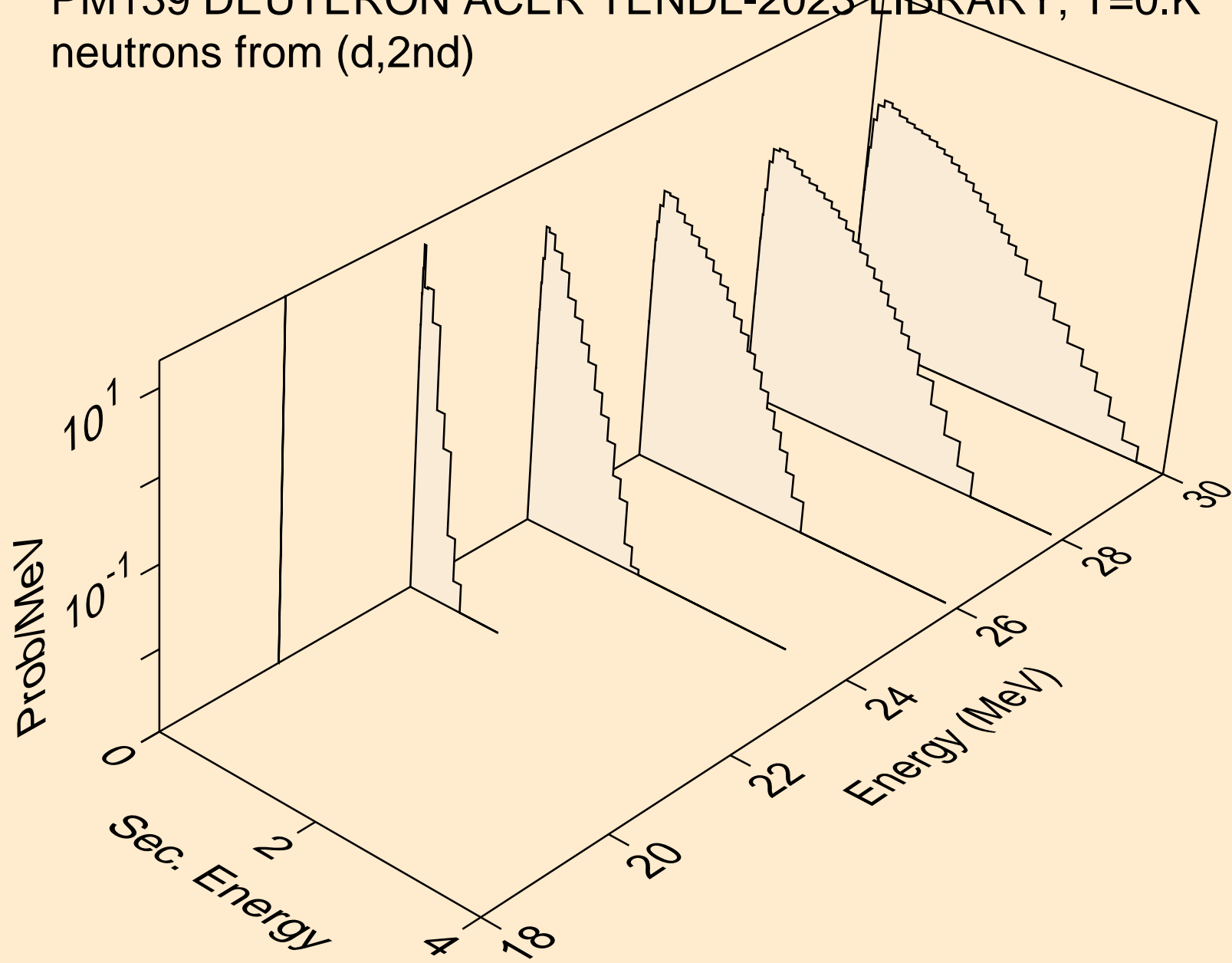
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n)



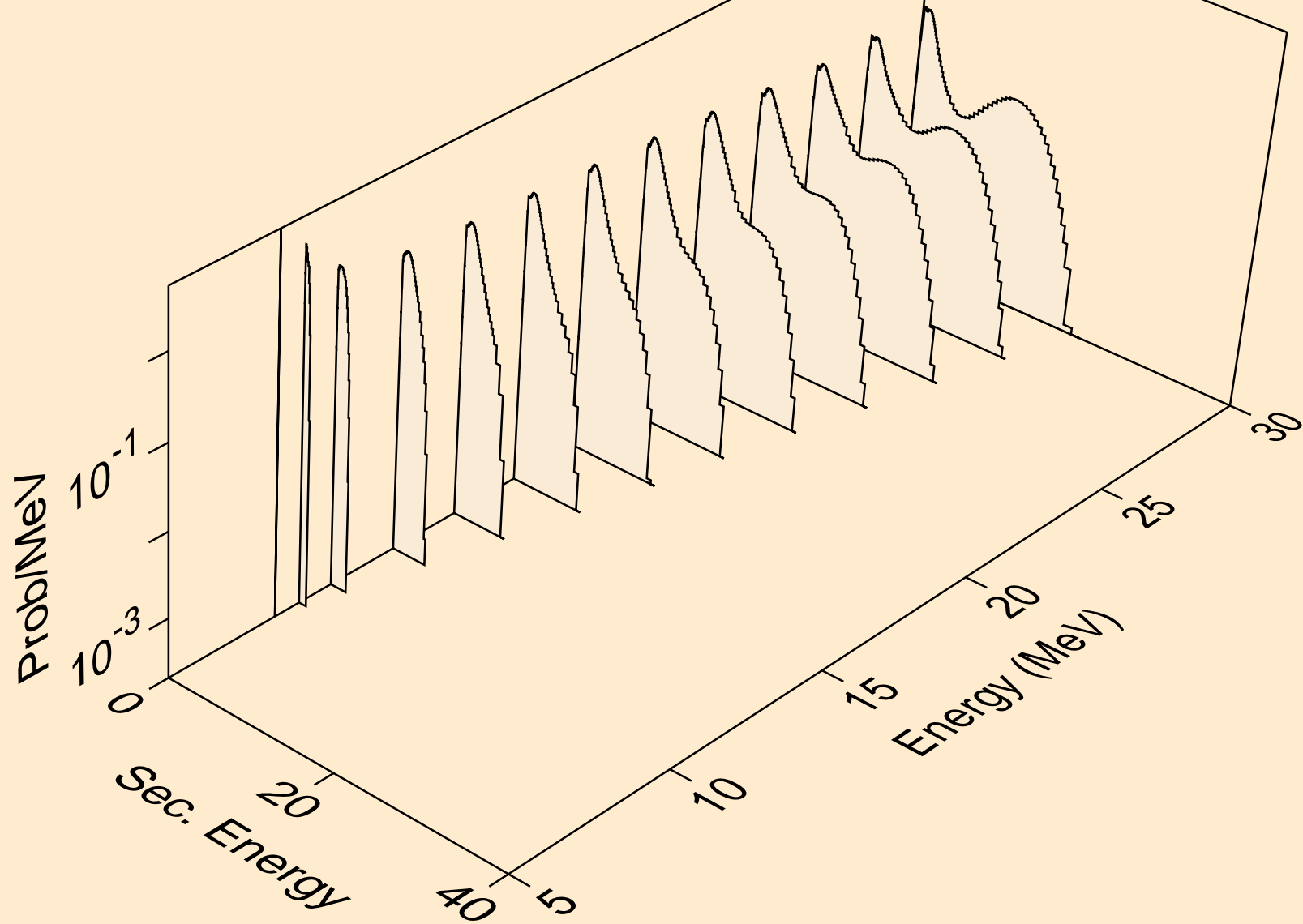
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,x)



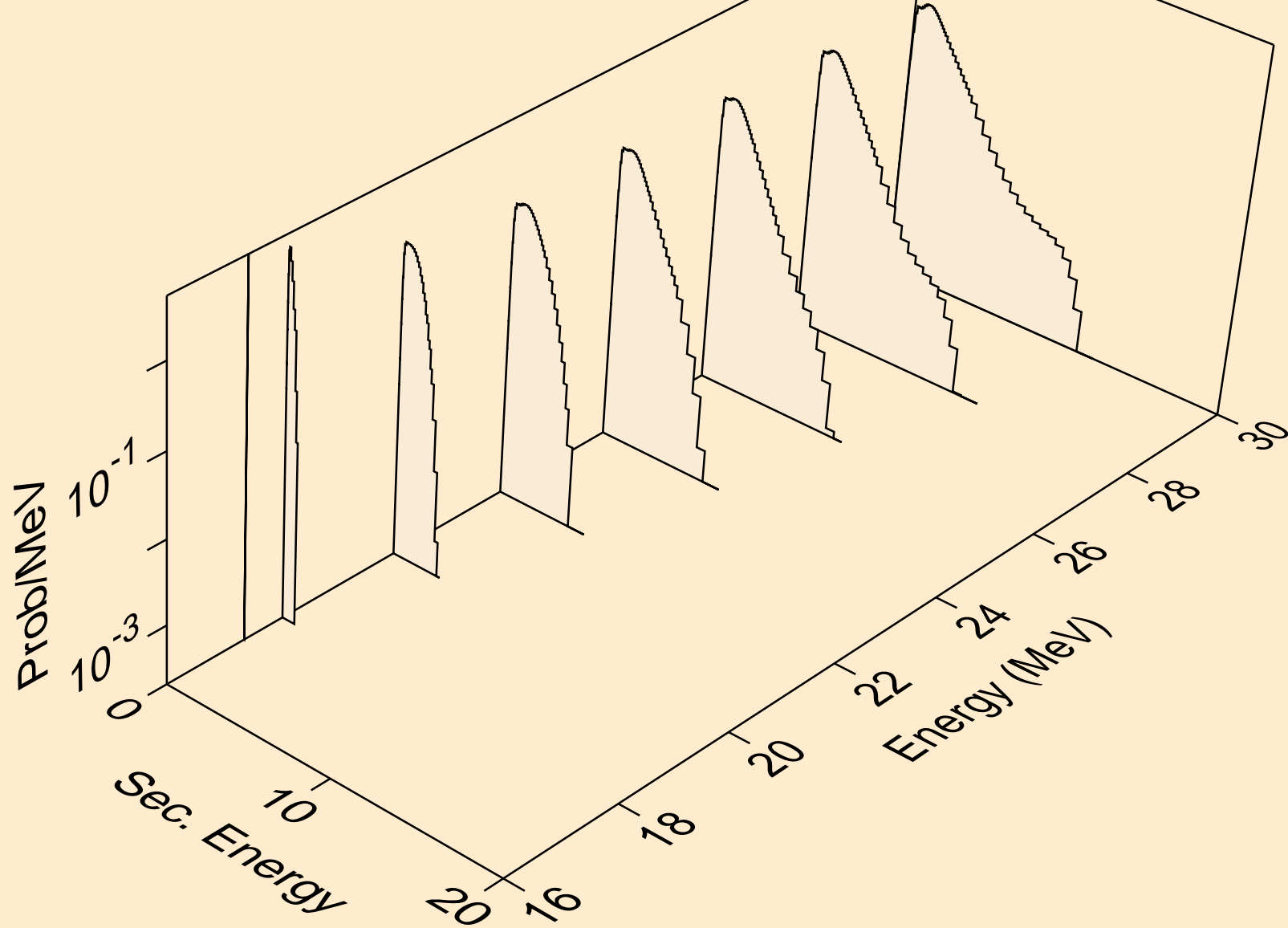
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2nd)



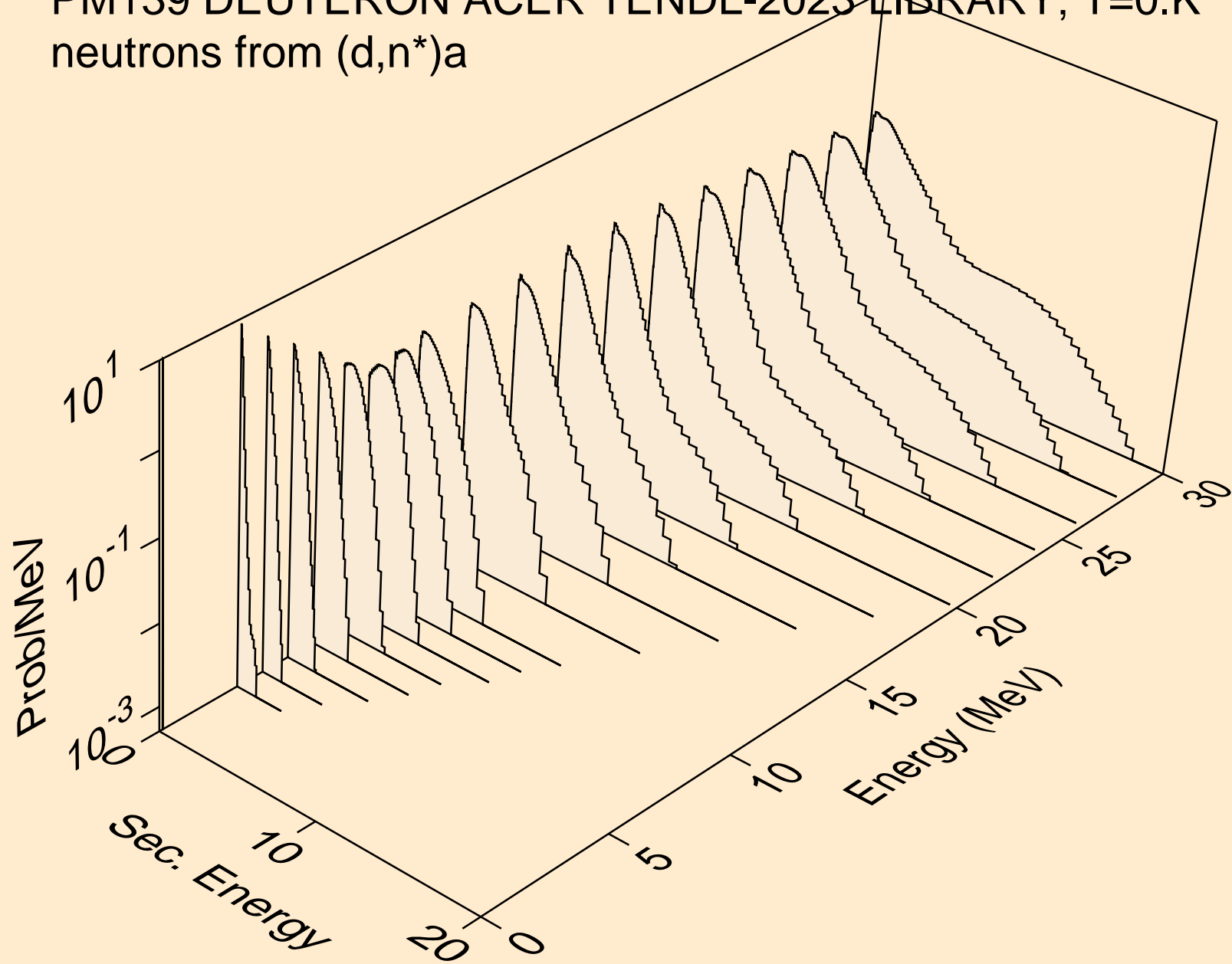
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2n)



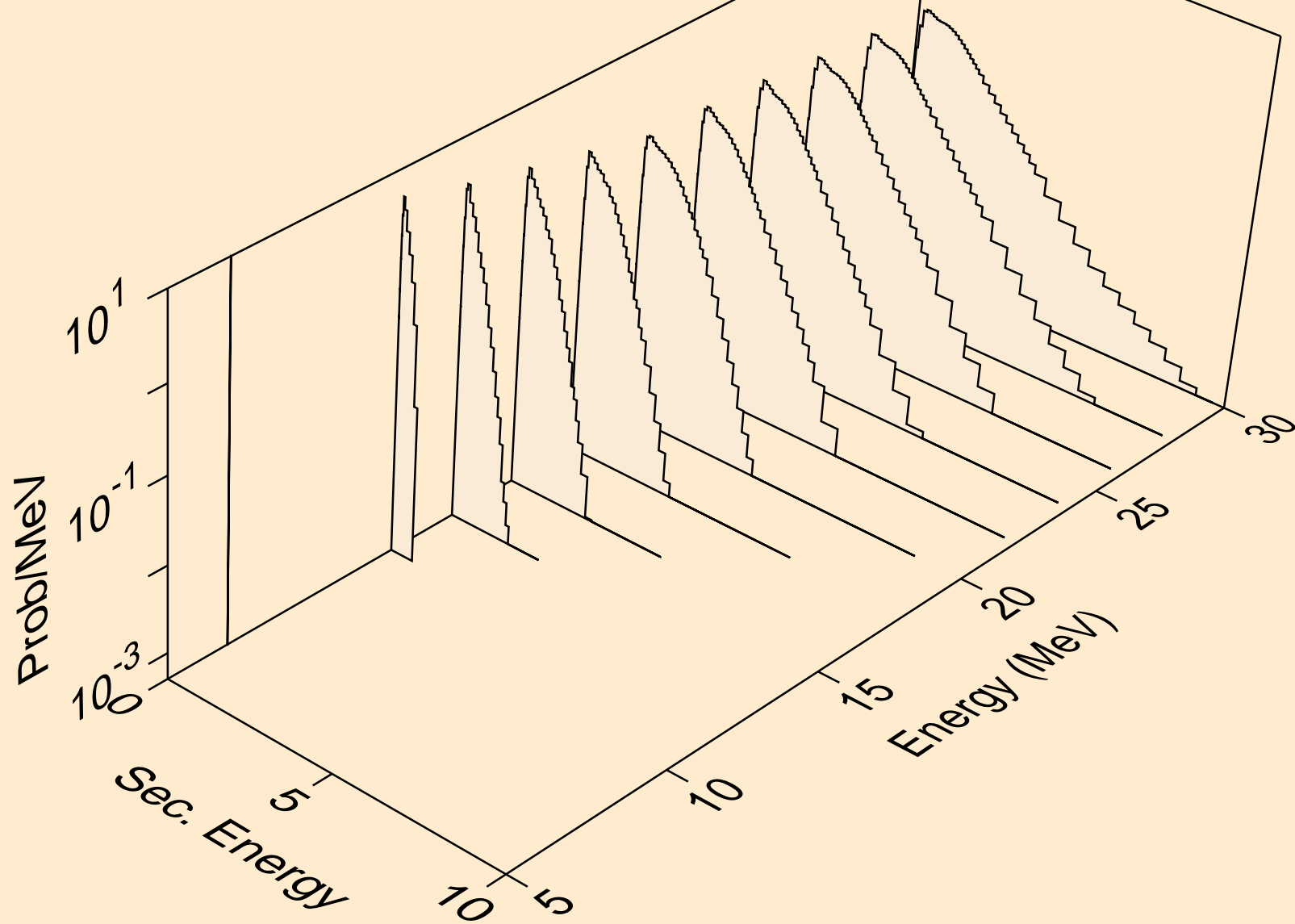
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3n)



PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)a

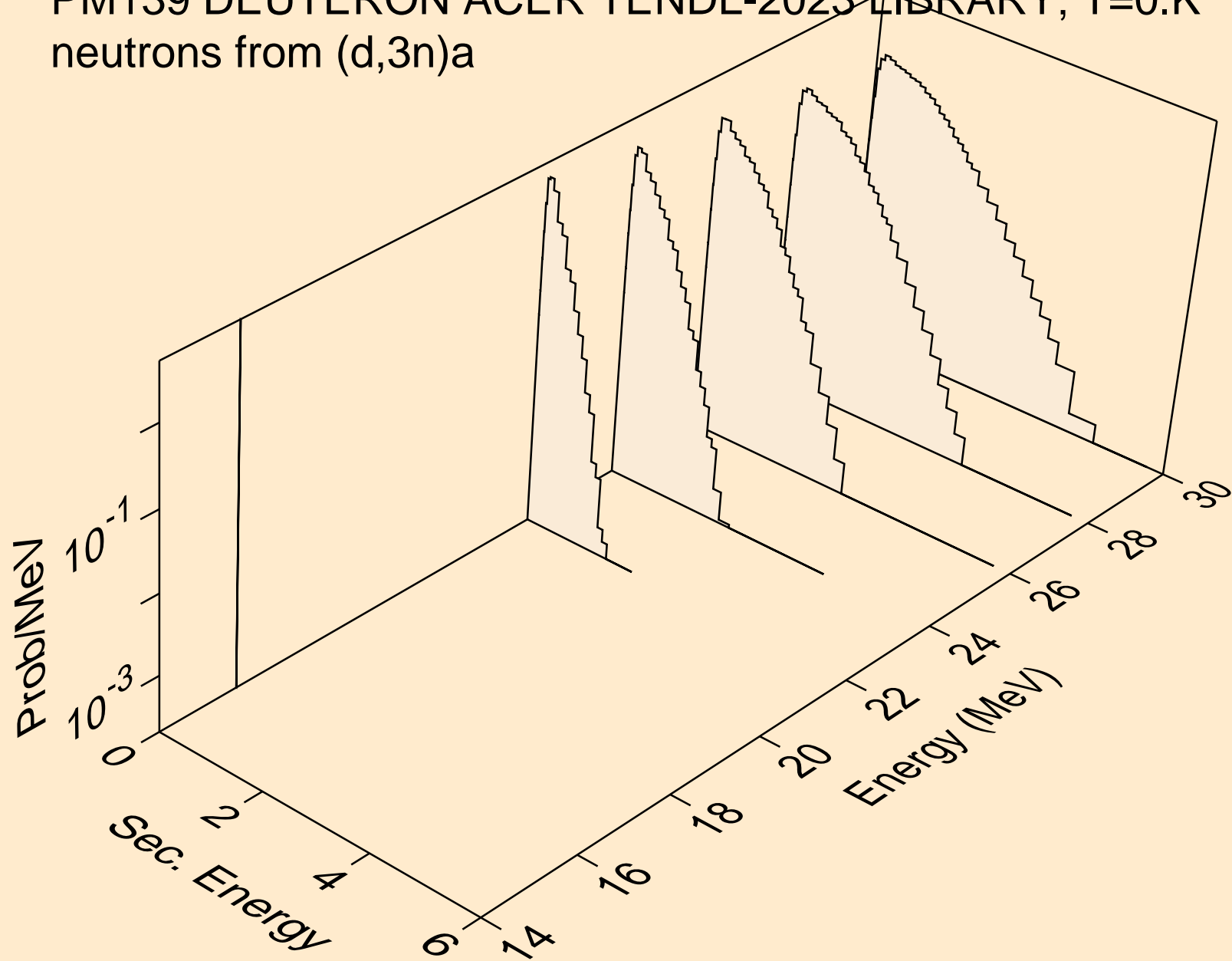


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2n)a

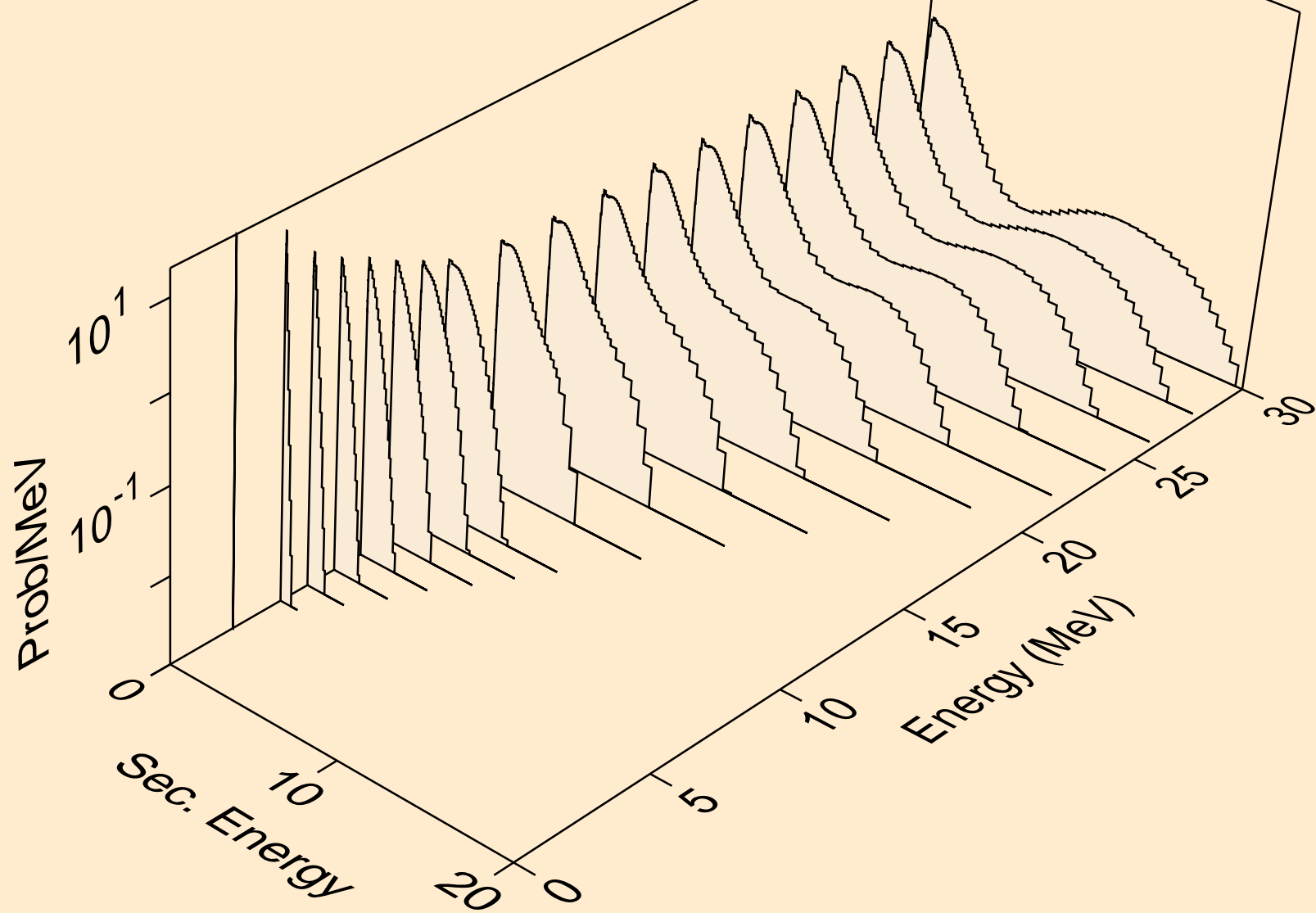




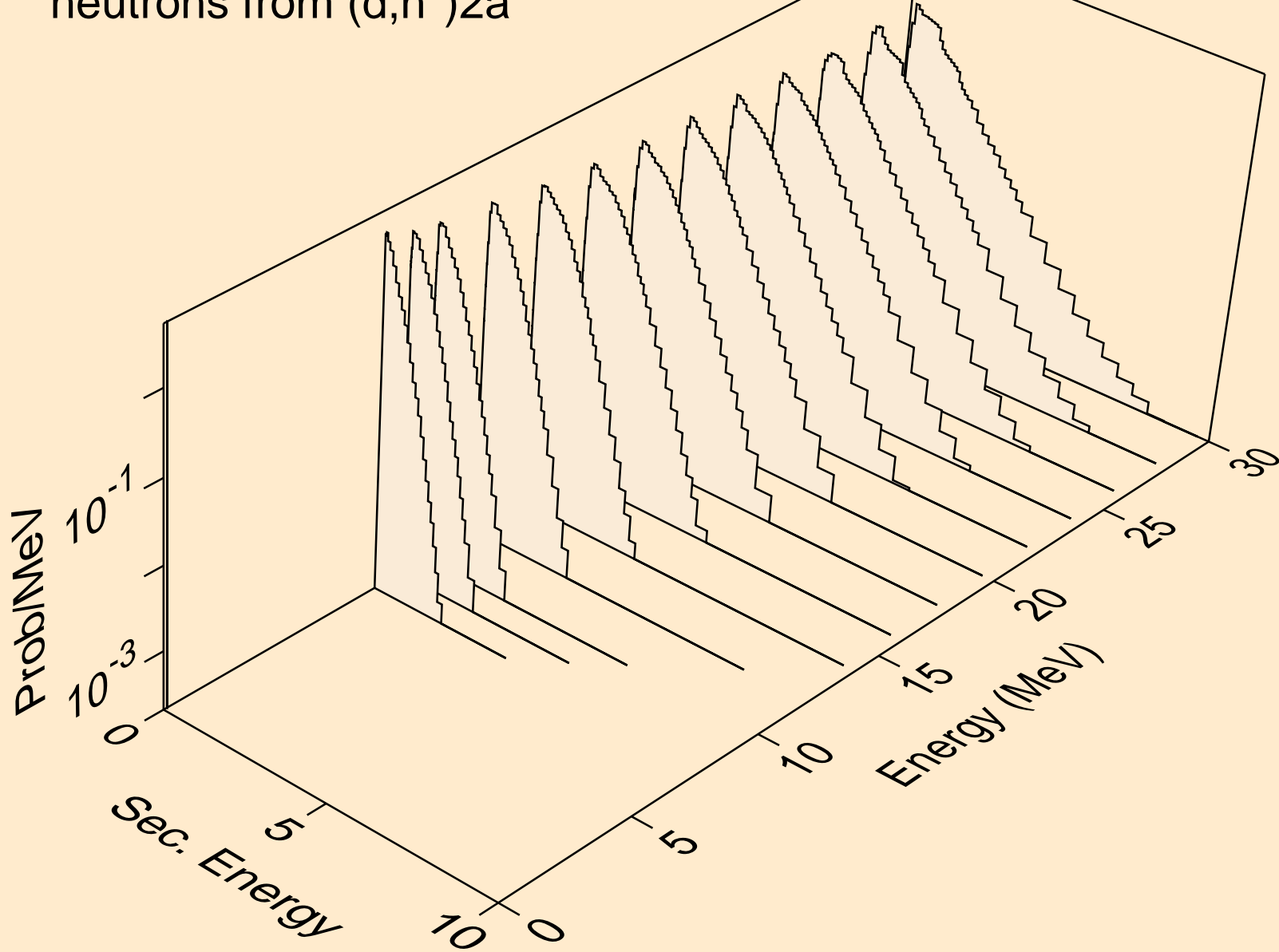
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3n)a



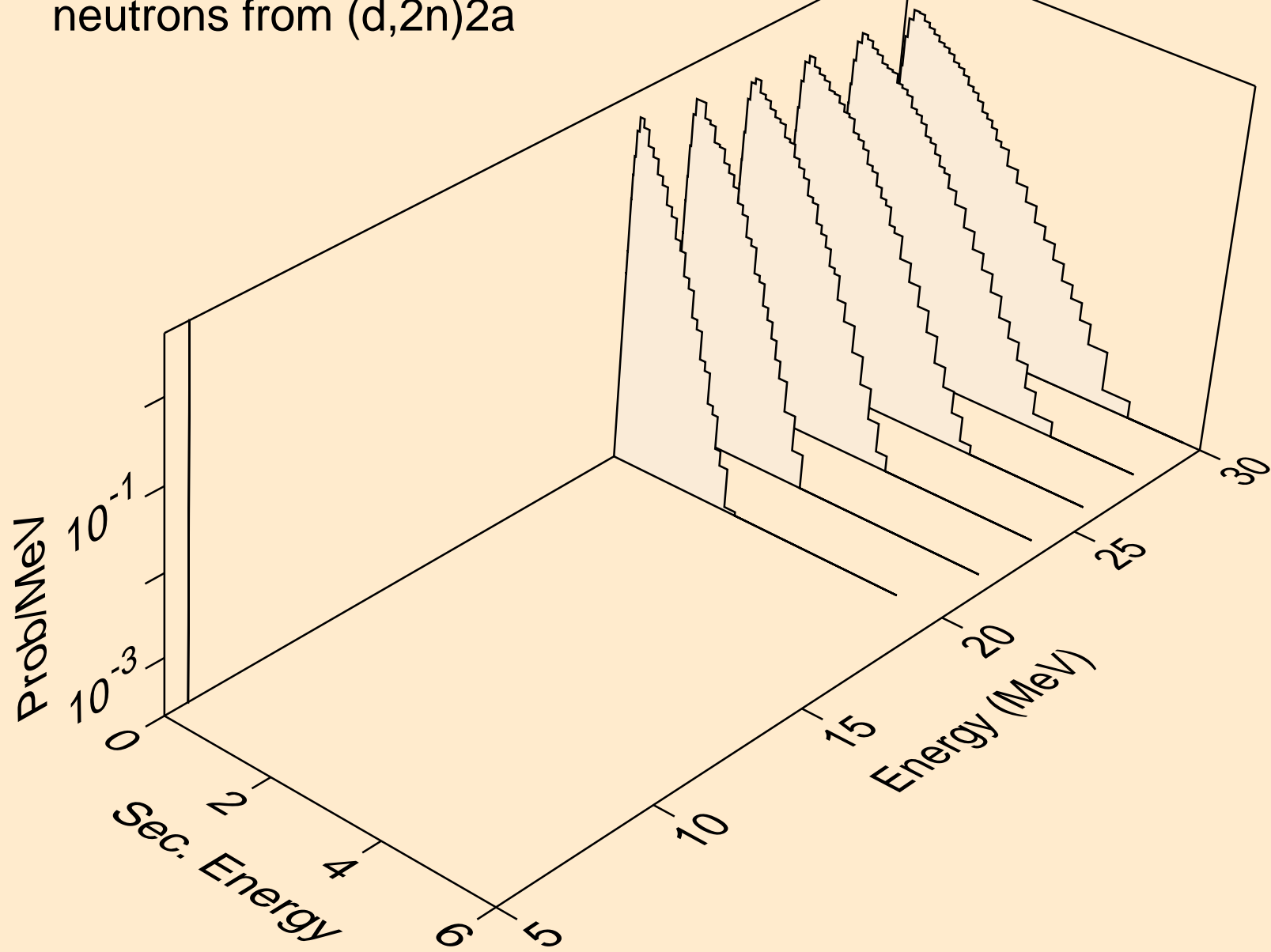
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)p



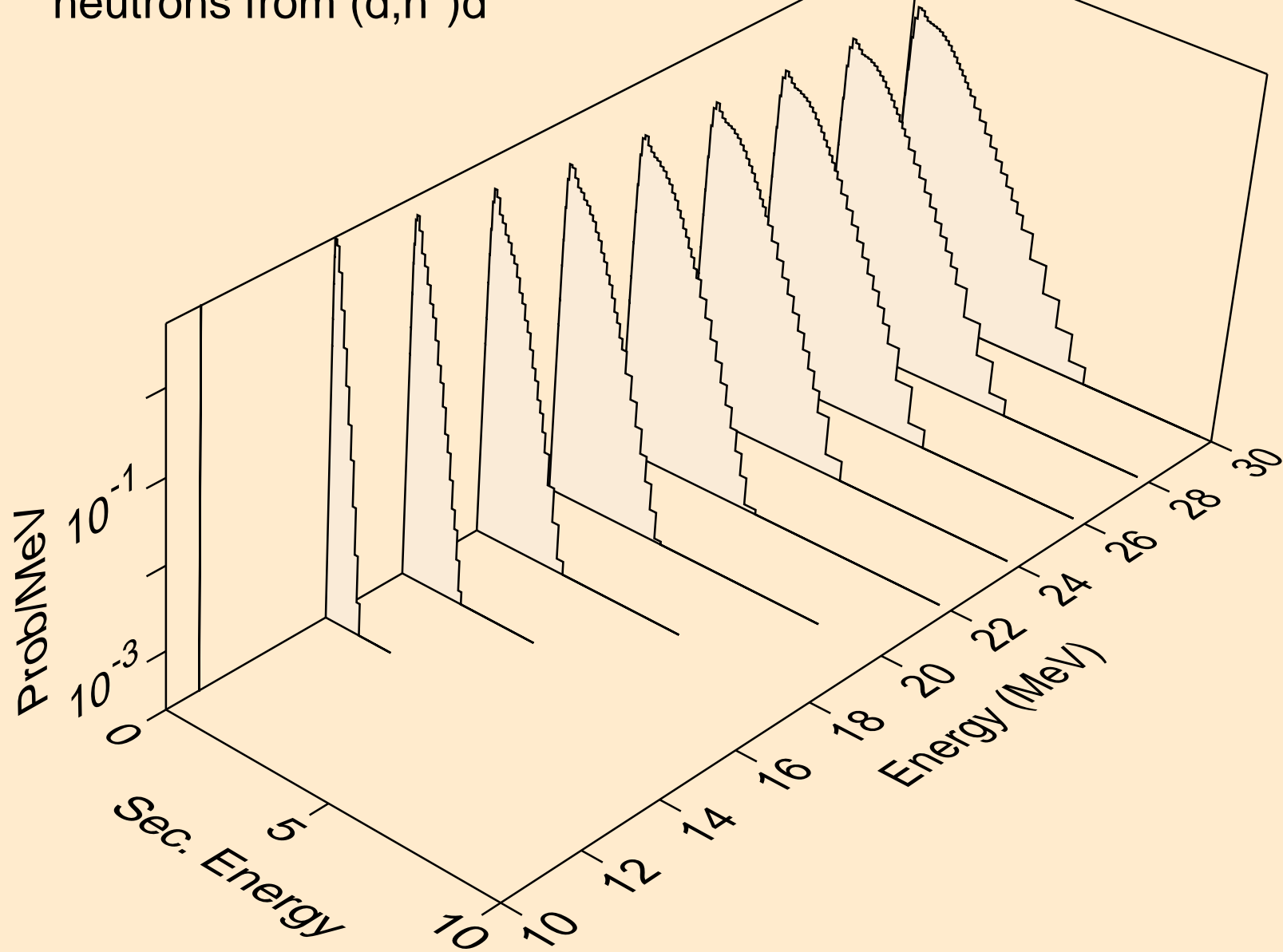
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)2a



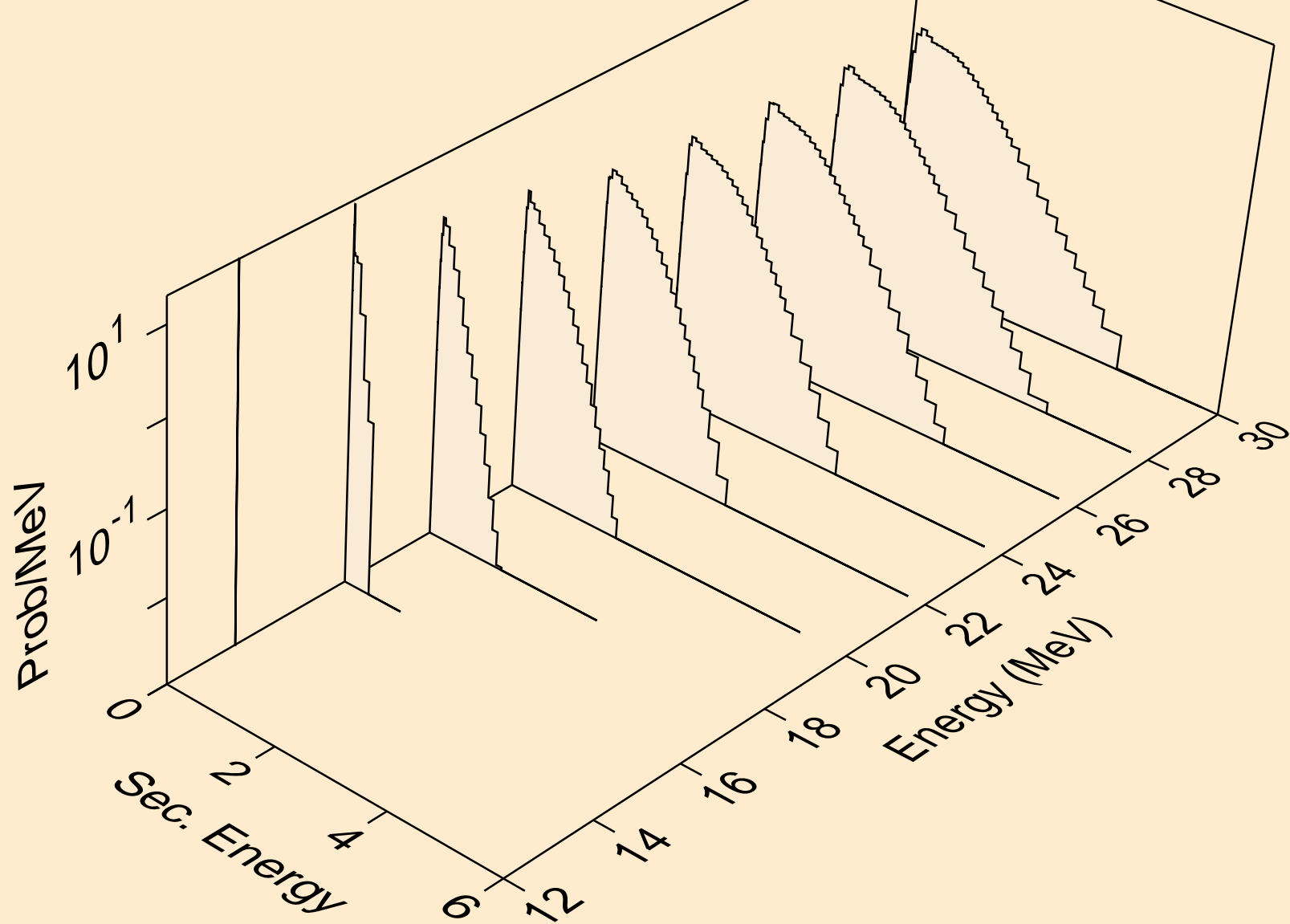
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2n)2a



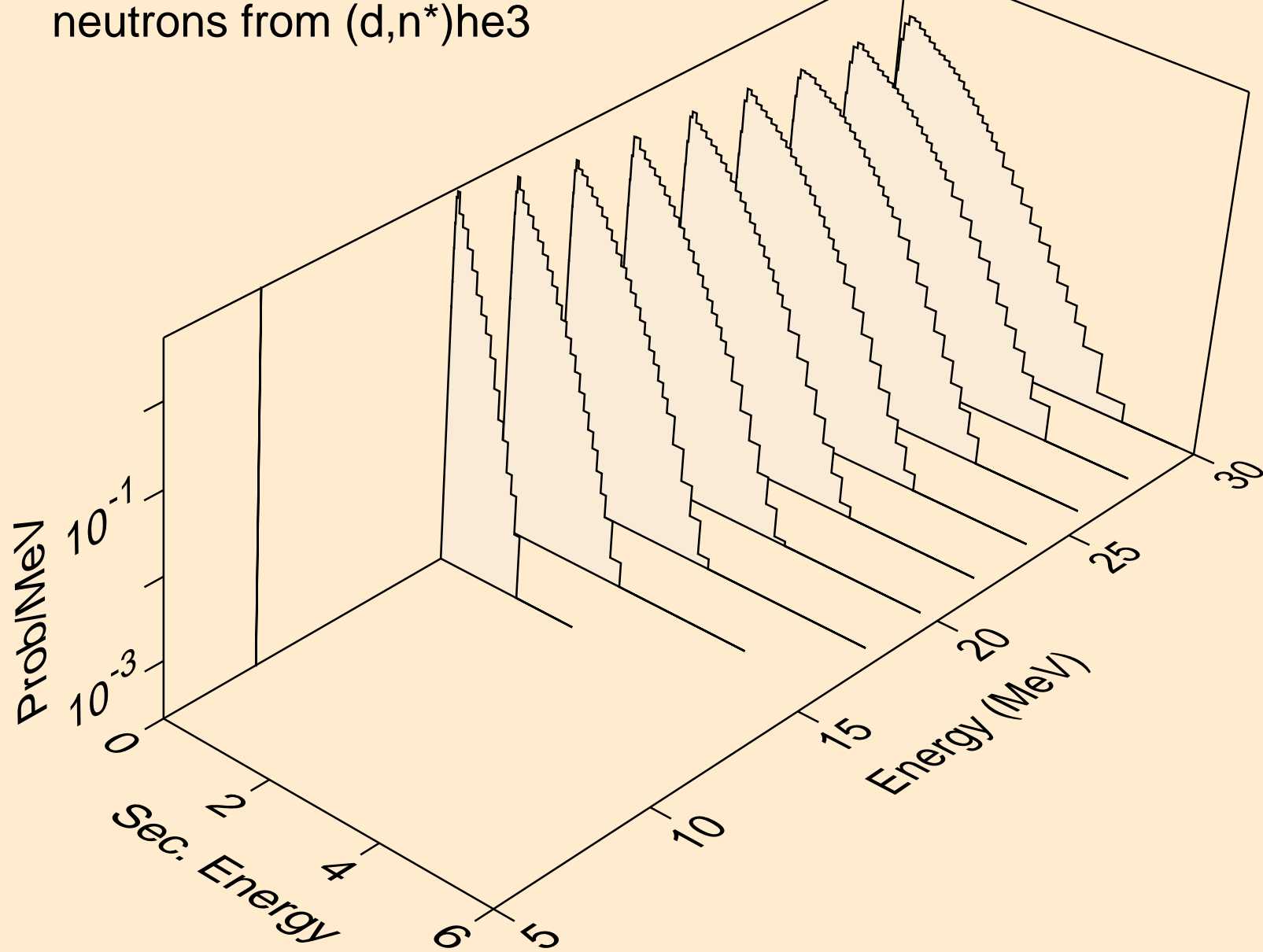
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)d



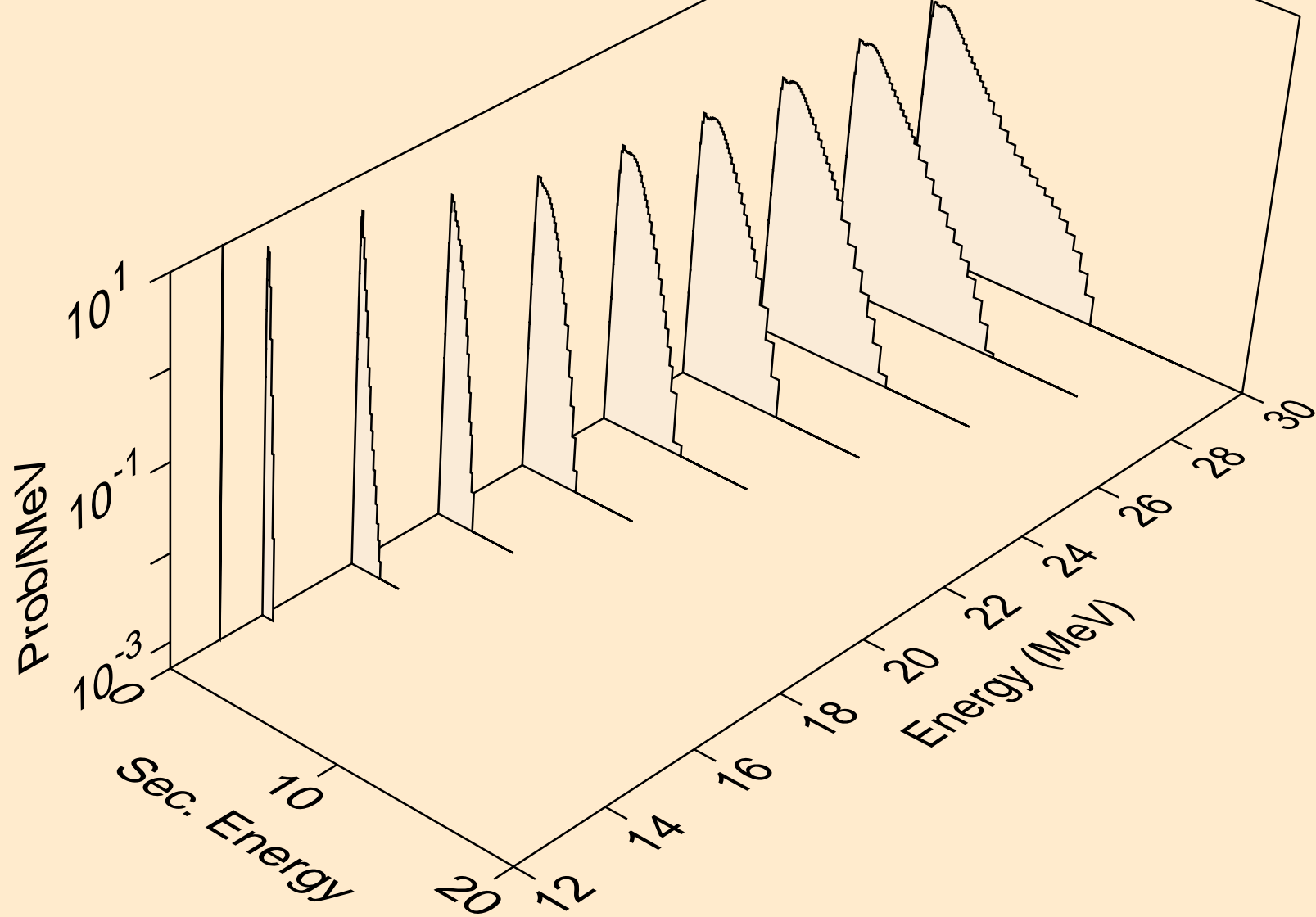
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)t



PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n\*)he3

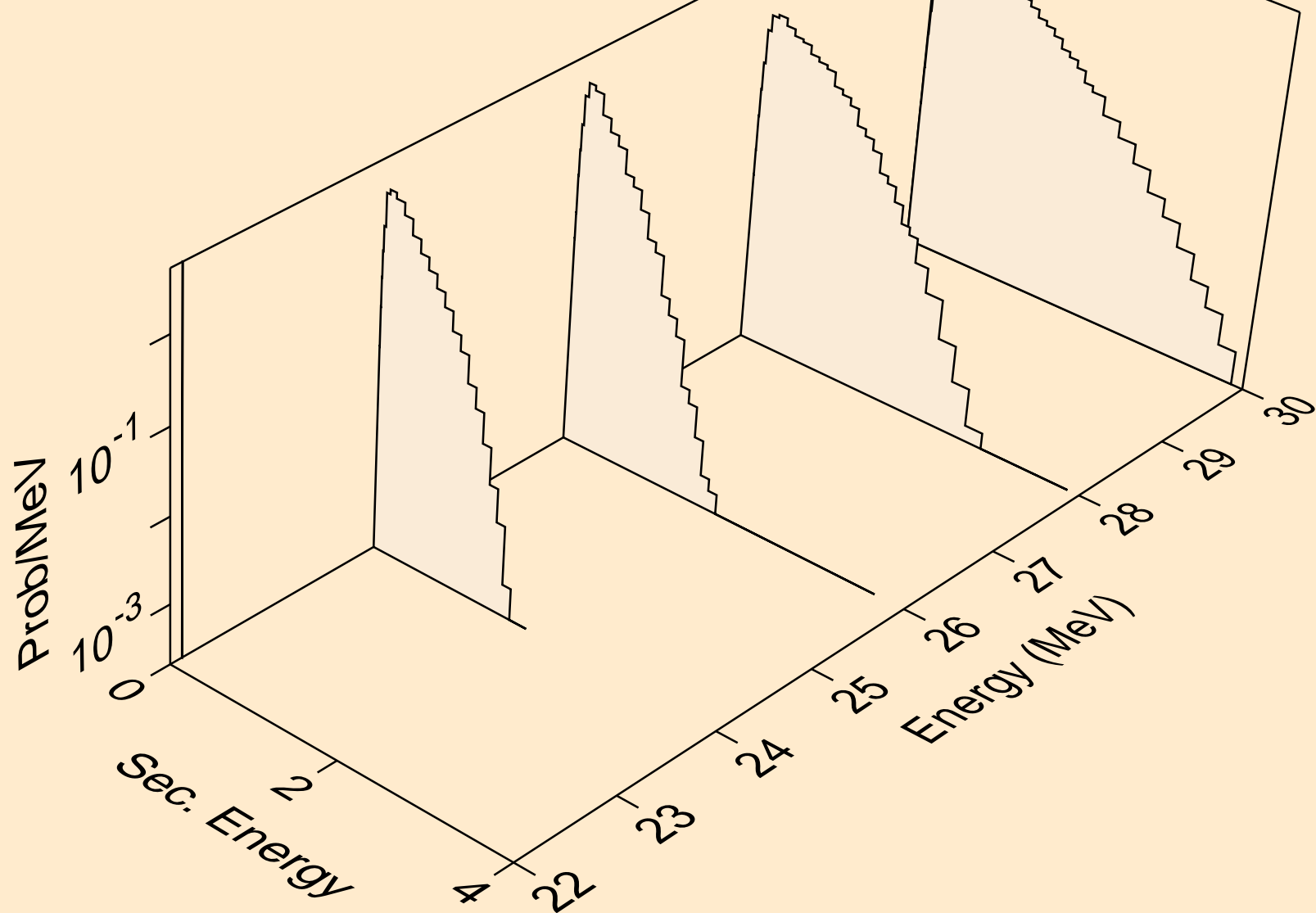


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,2np)

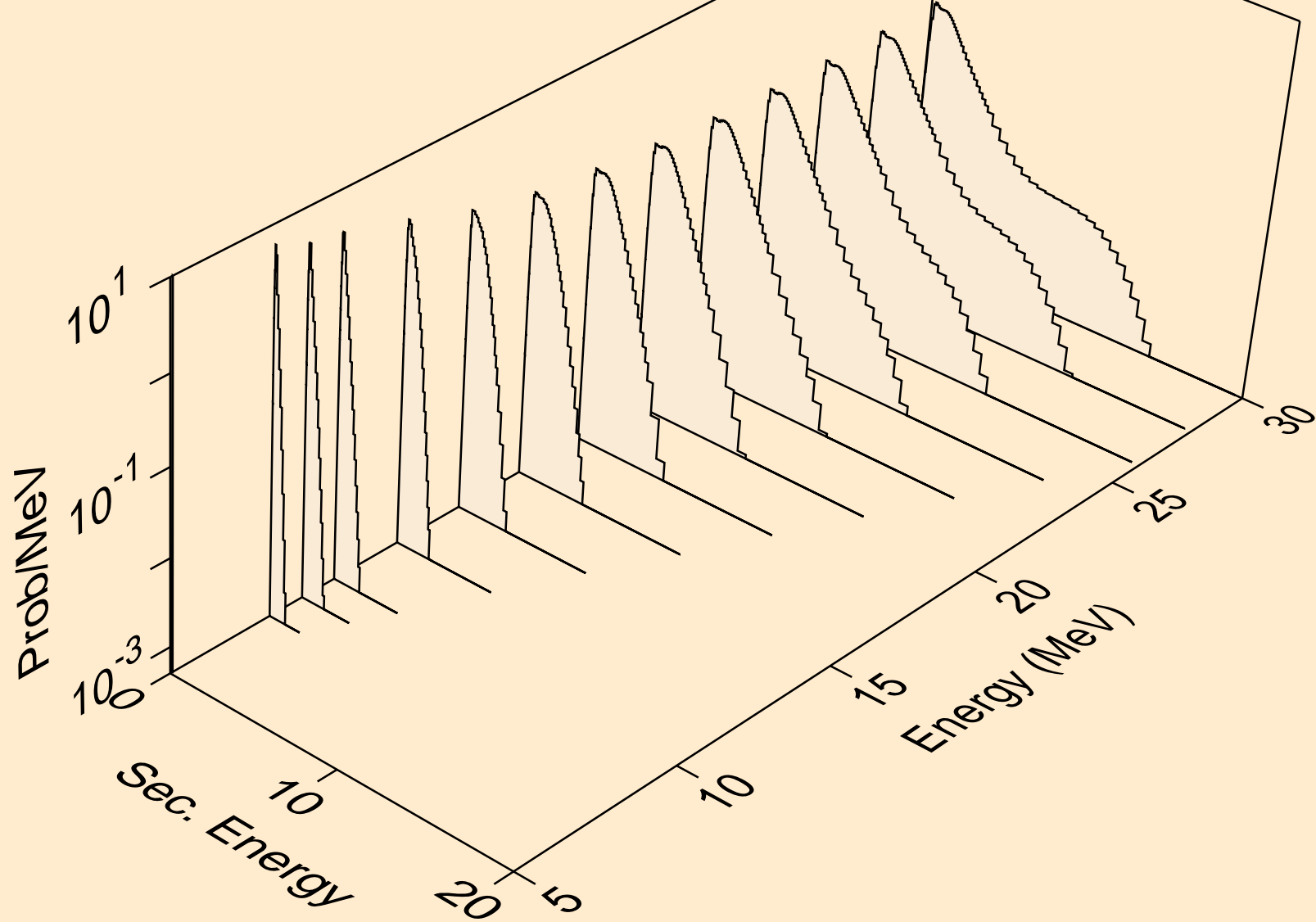




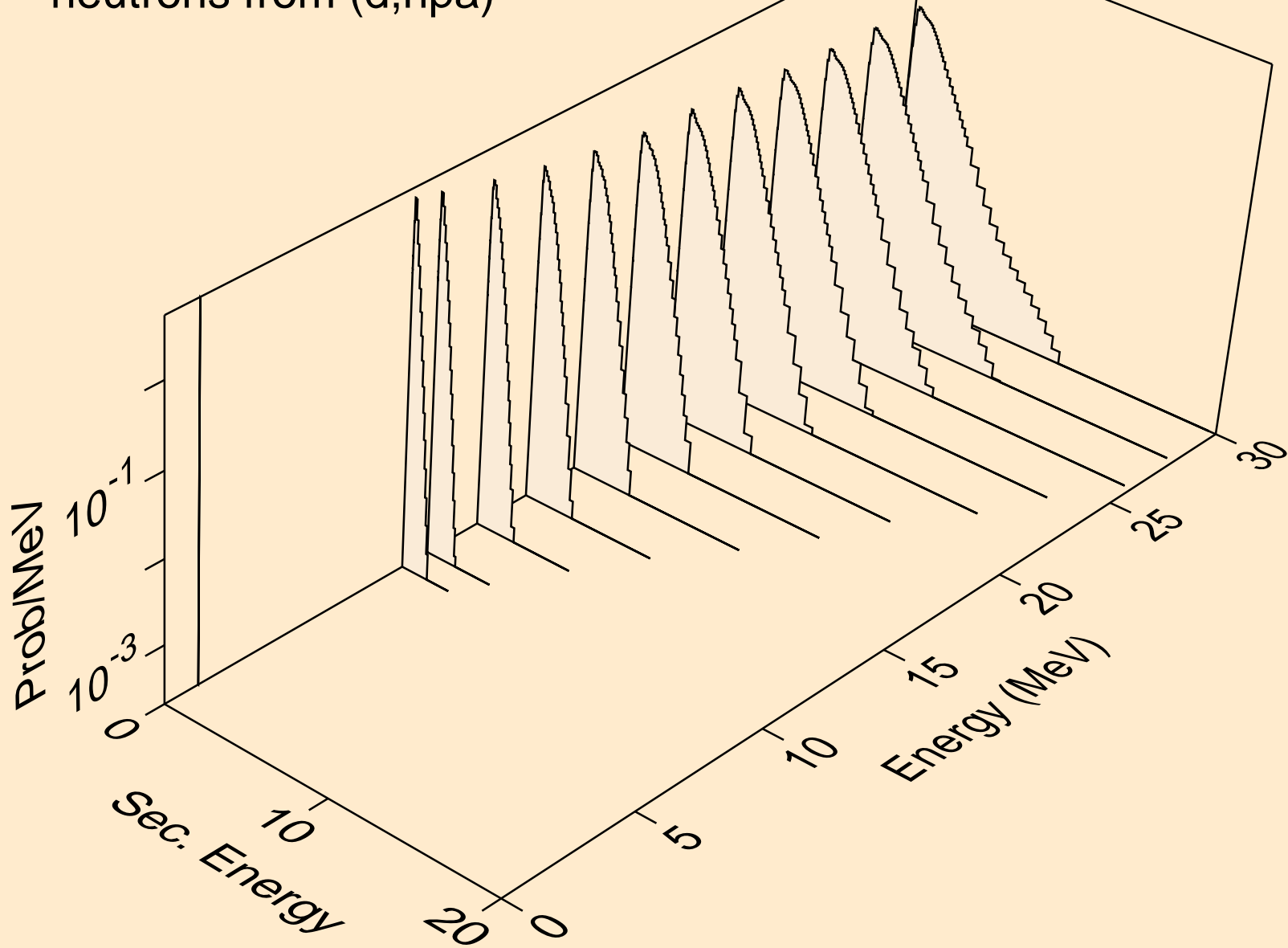
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,3np)



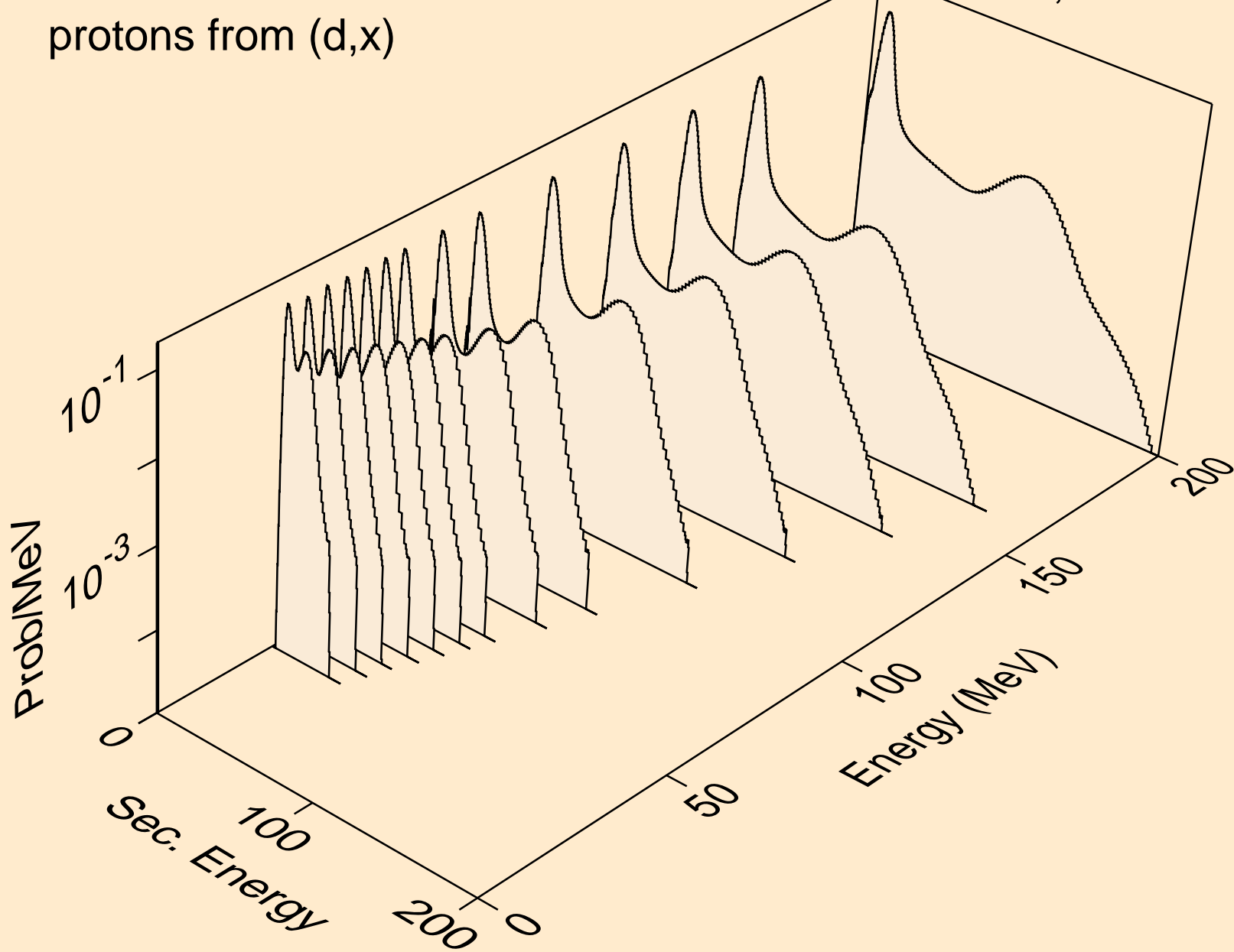
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,n2p)



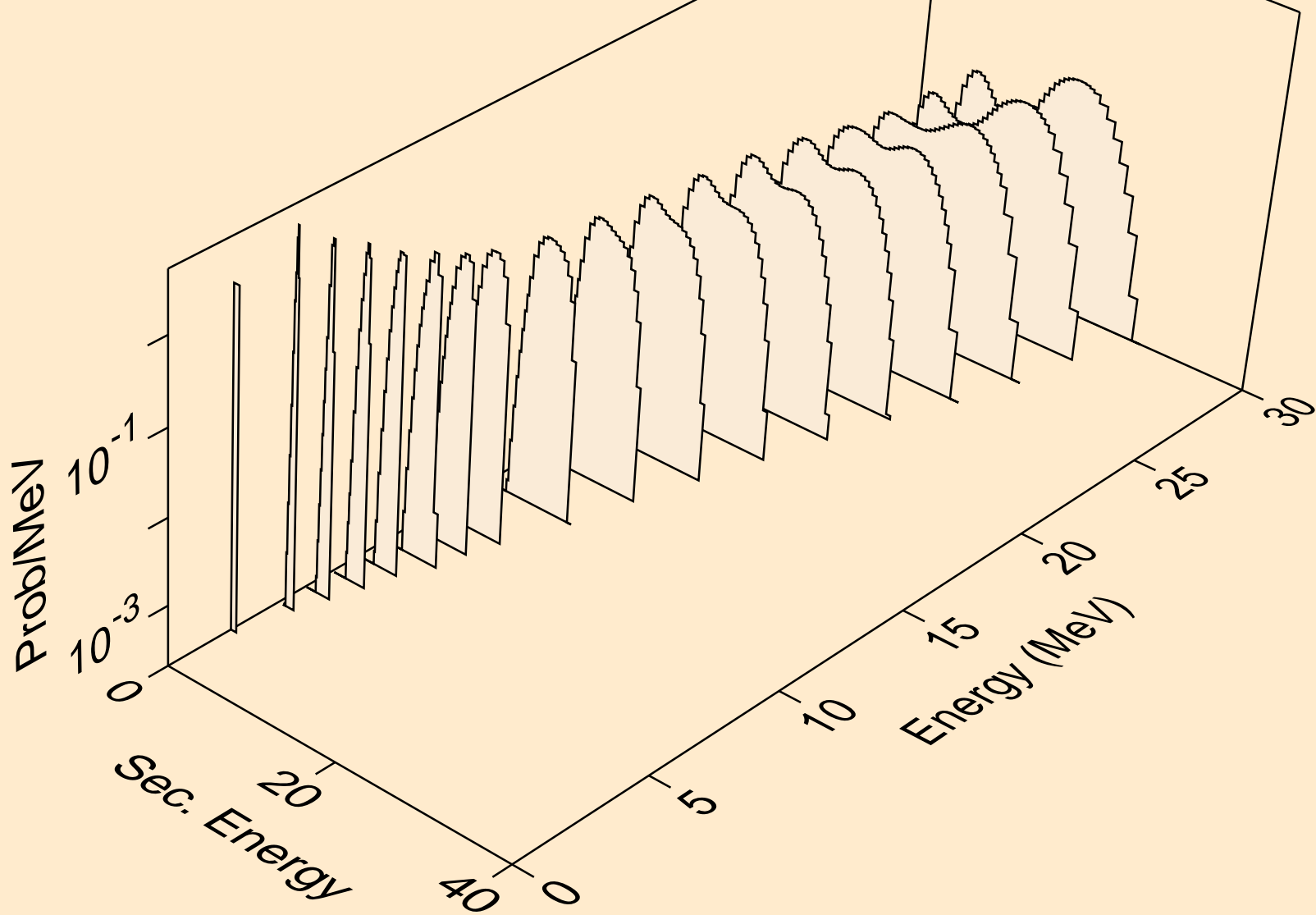
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (d,npa)



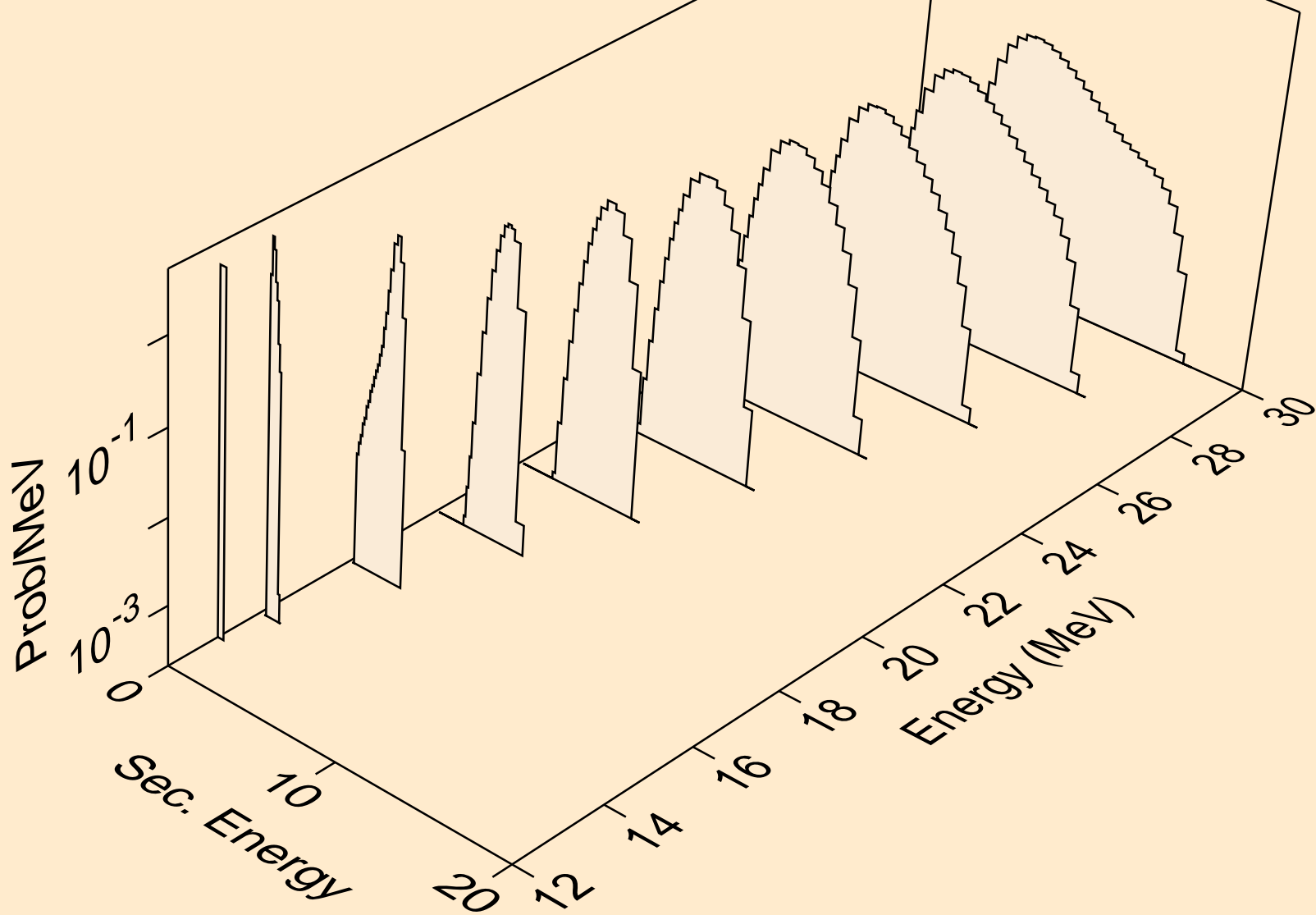
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,x)



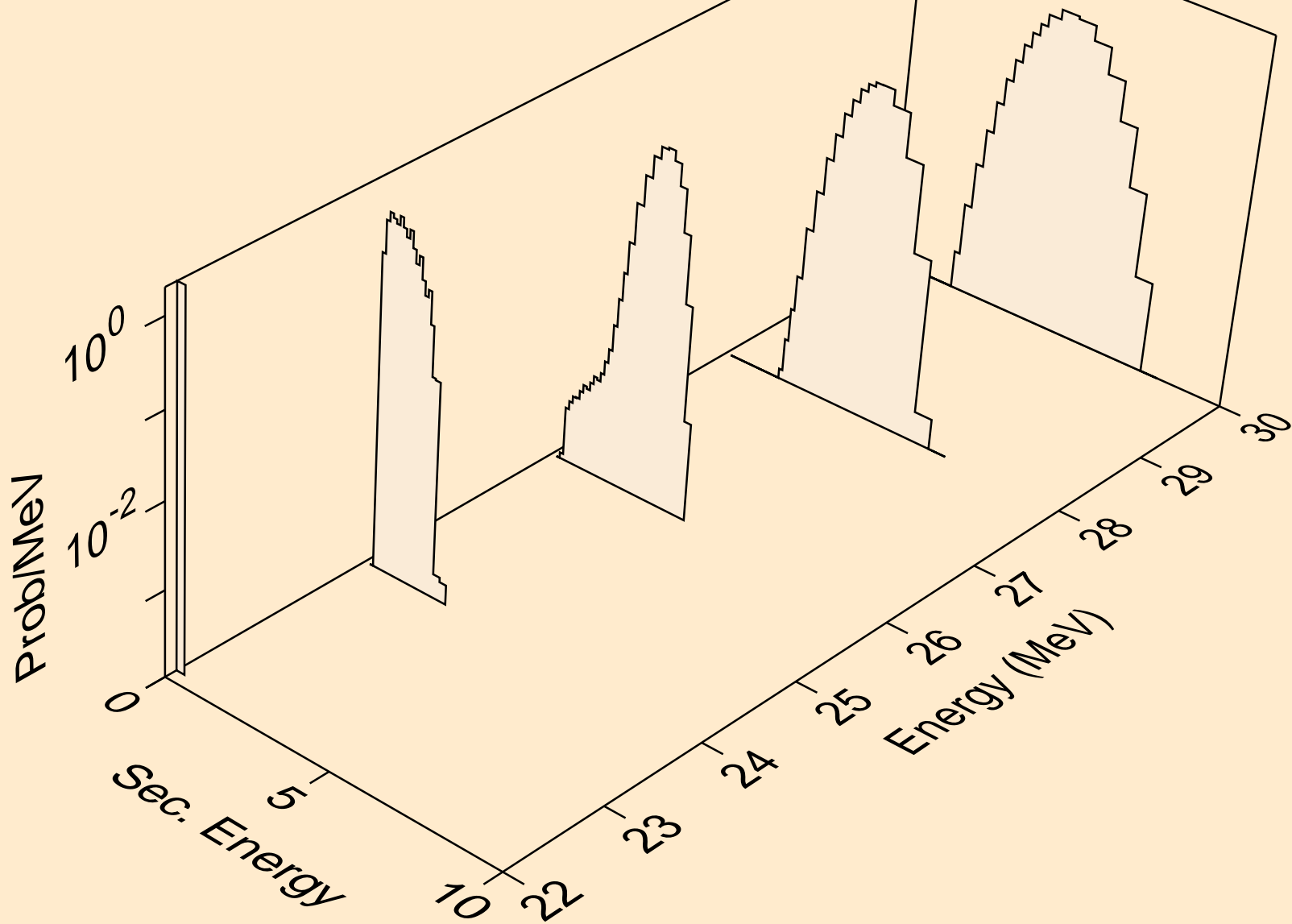
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n\*)p



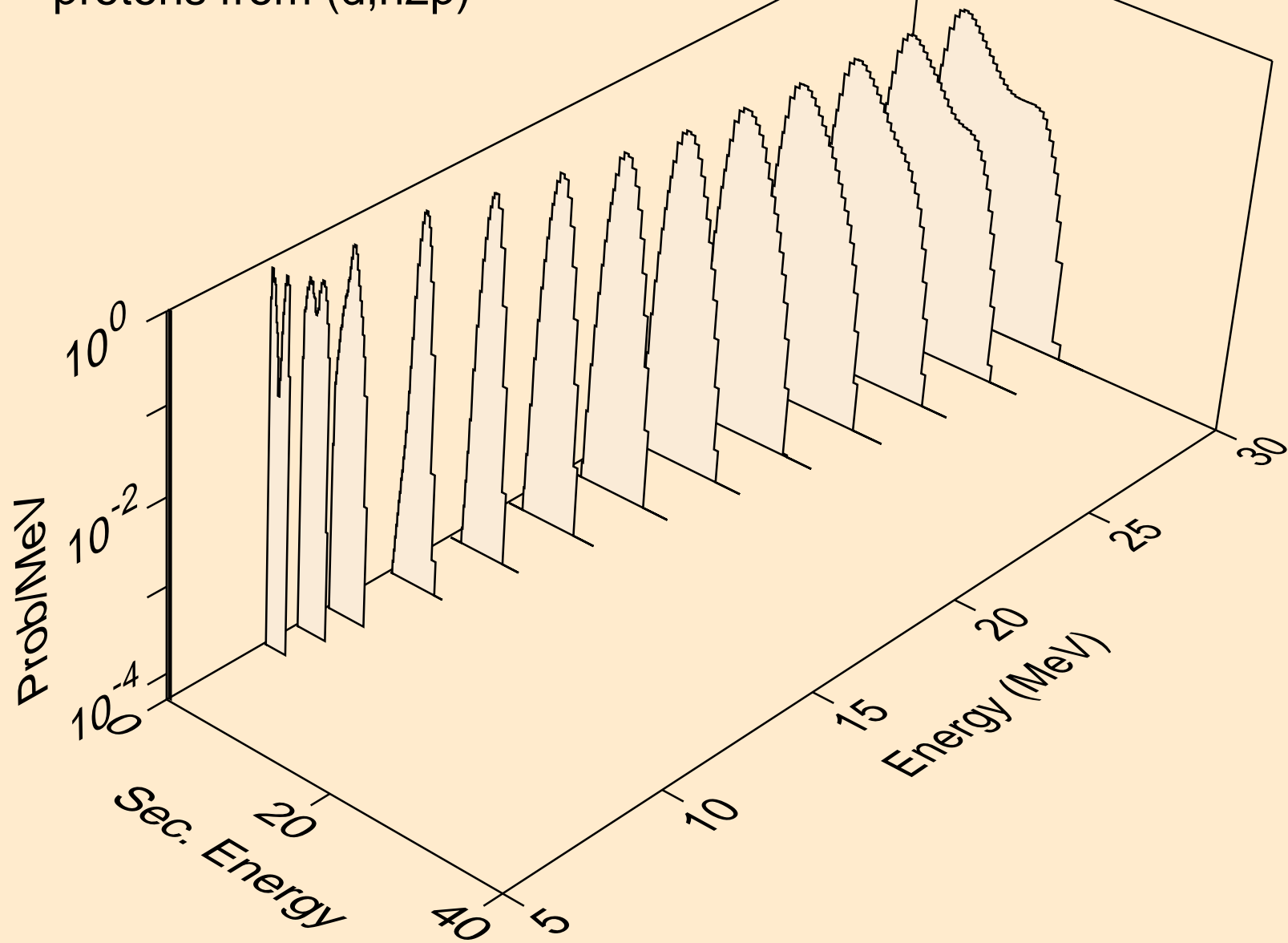
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,2np)



PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,3np)

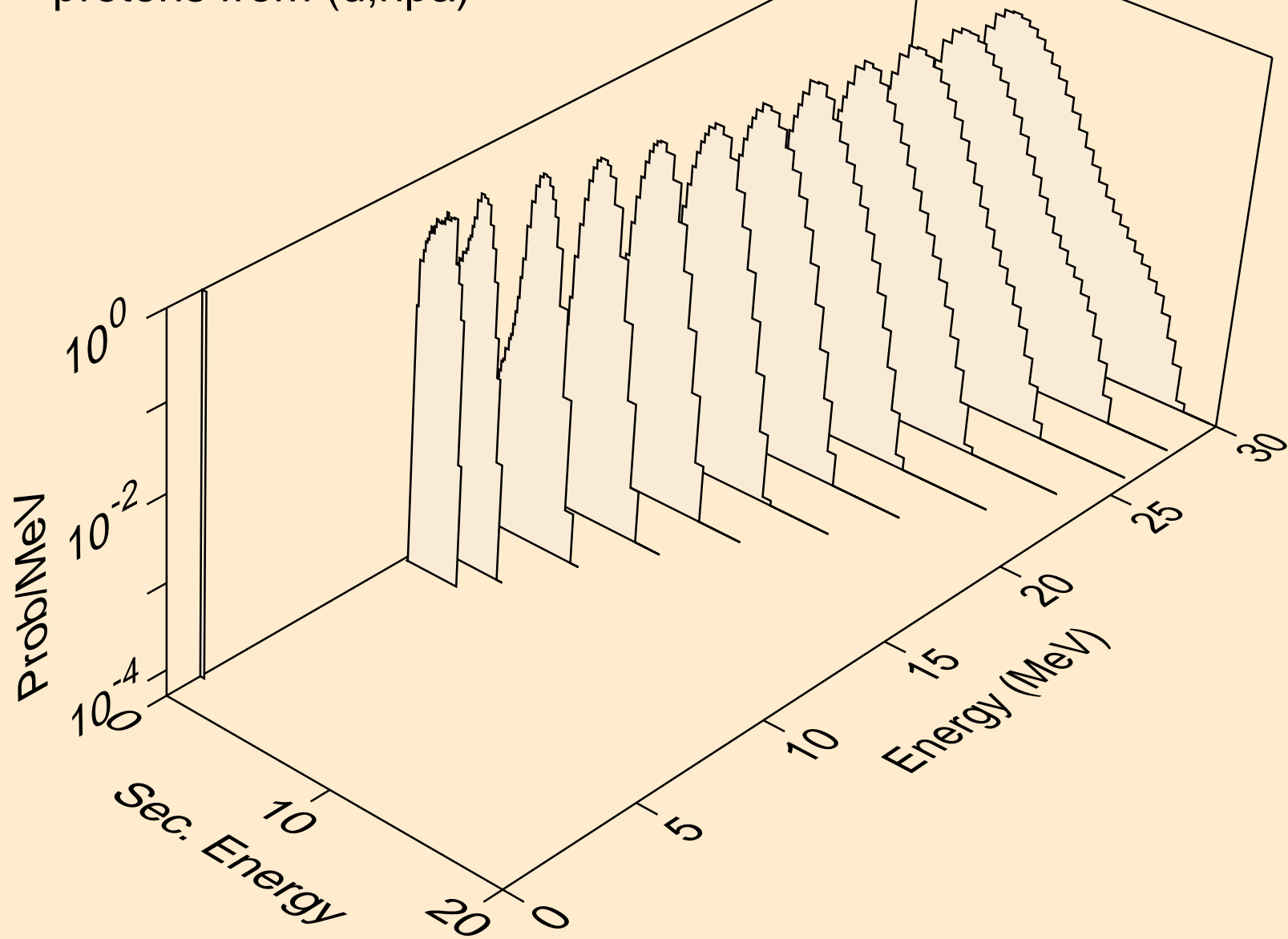


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,n2p)

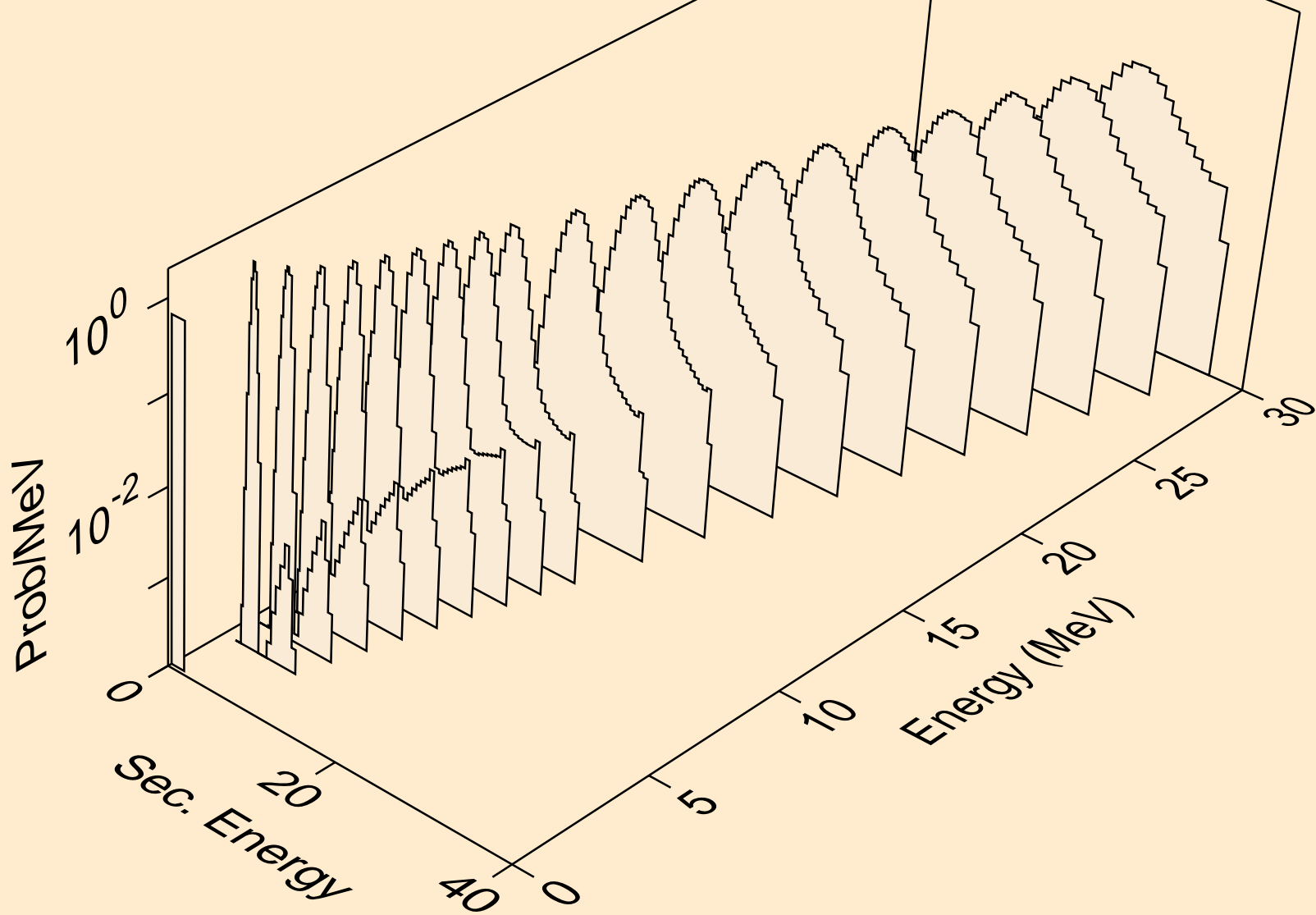




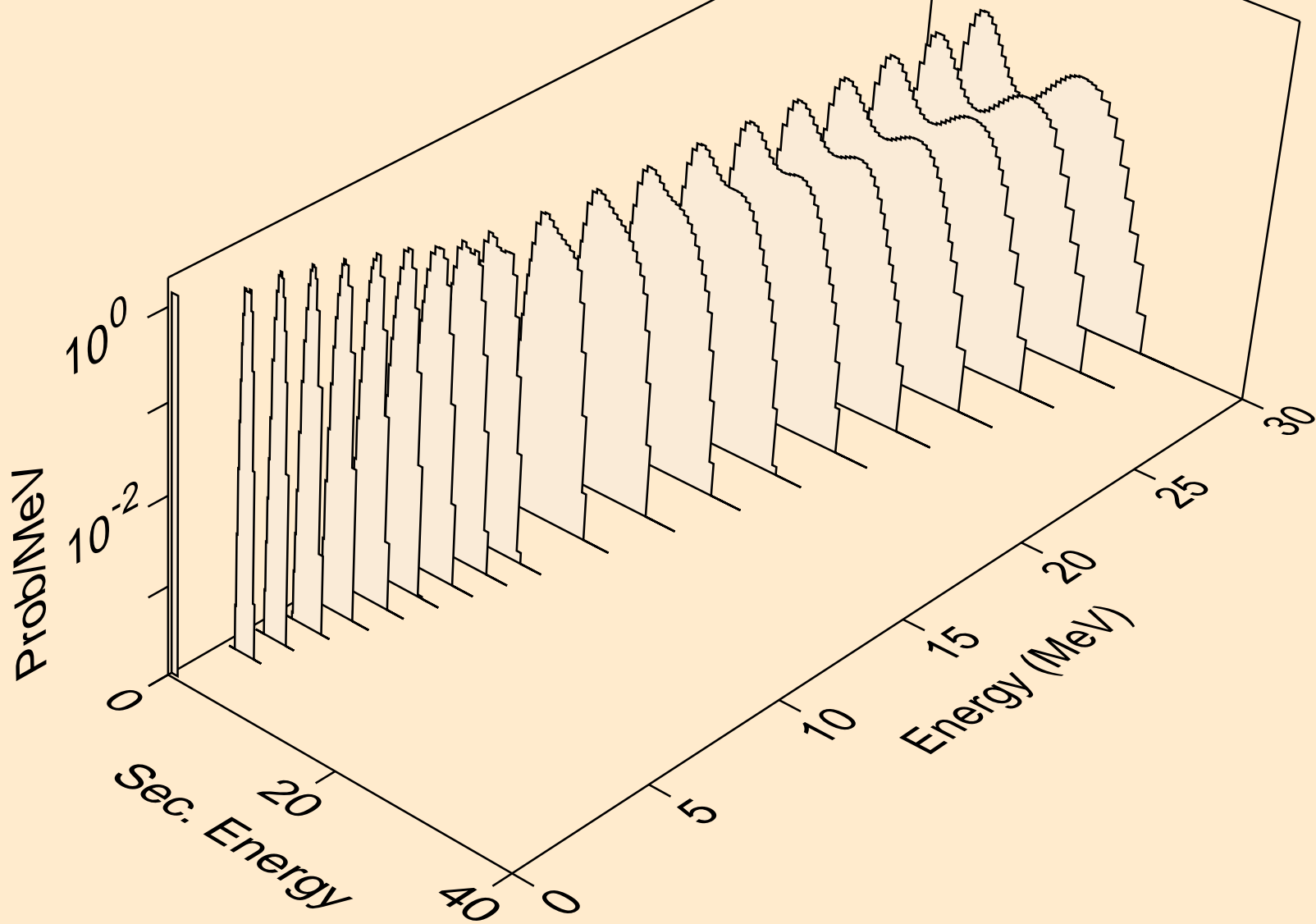
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,npa)



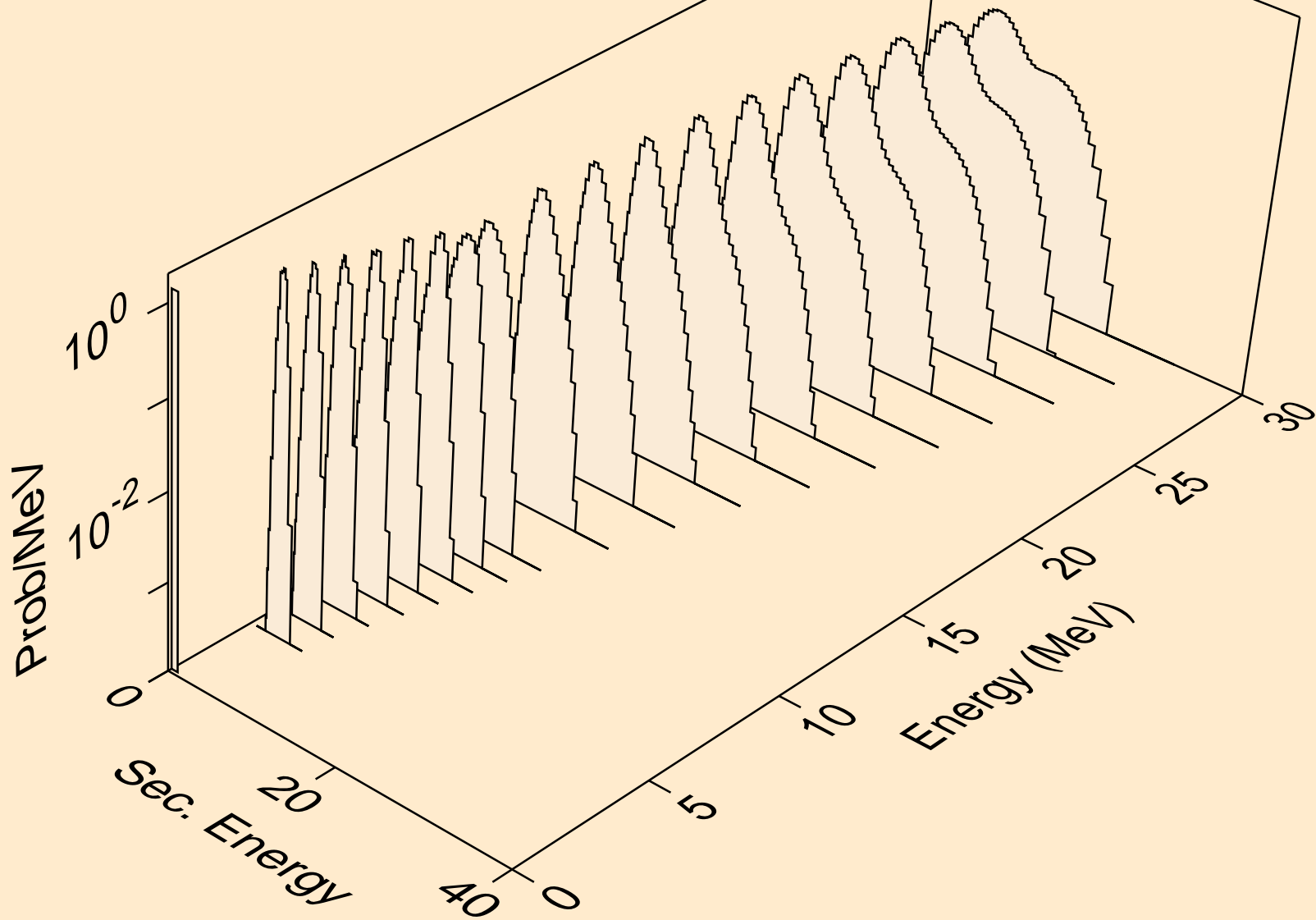
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,p)



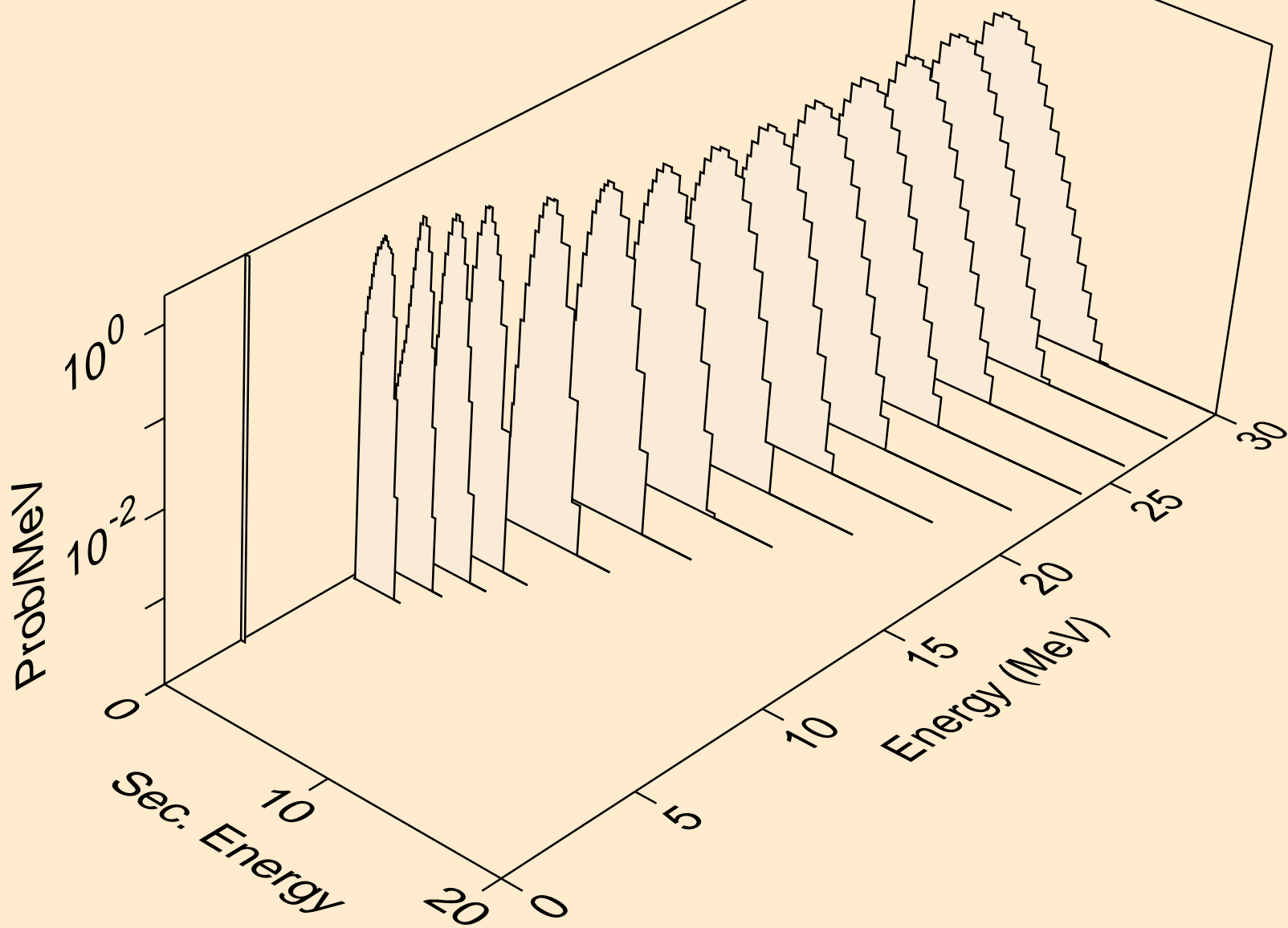
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,2p)



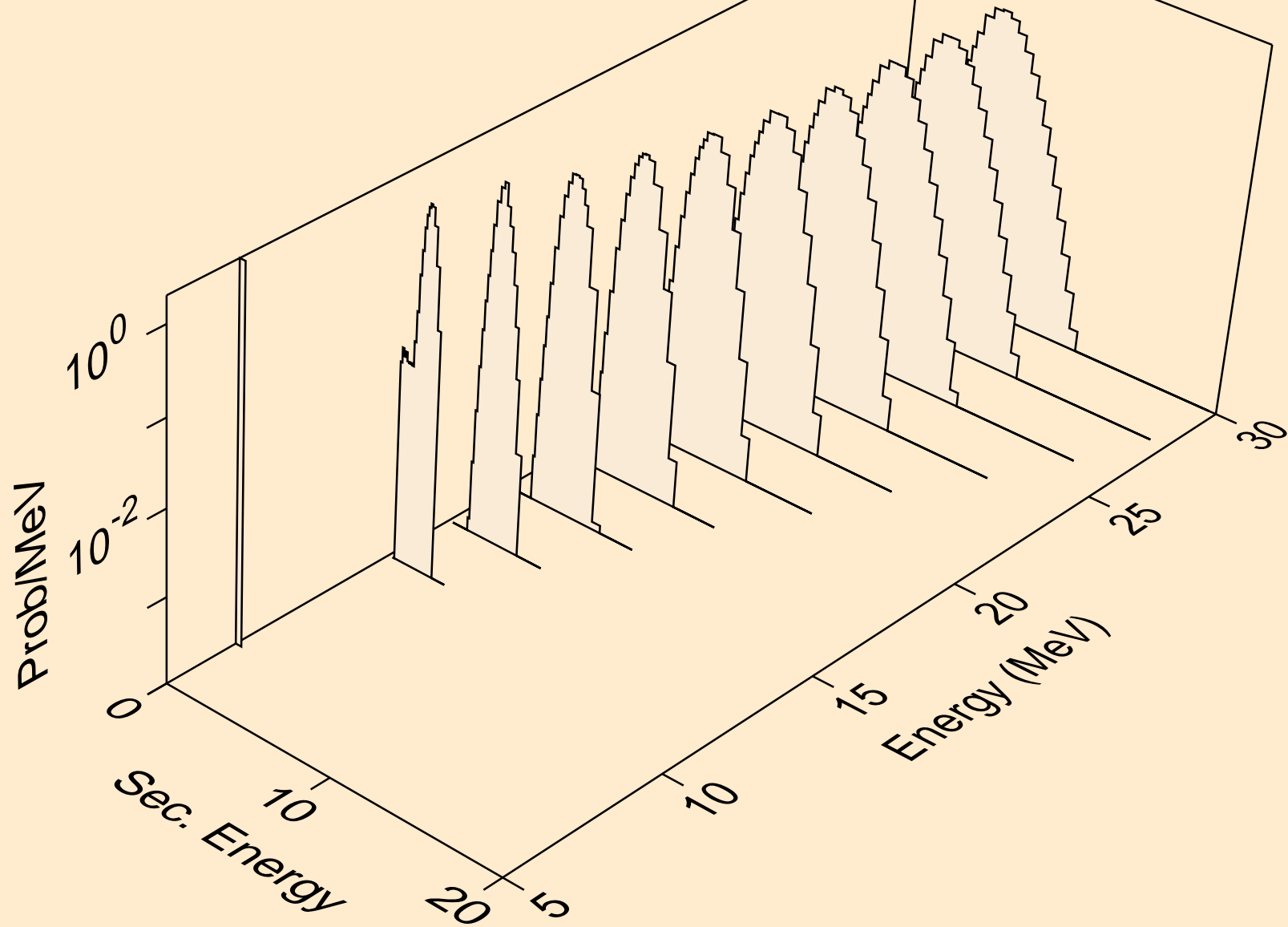
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pa)



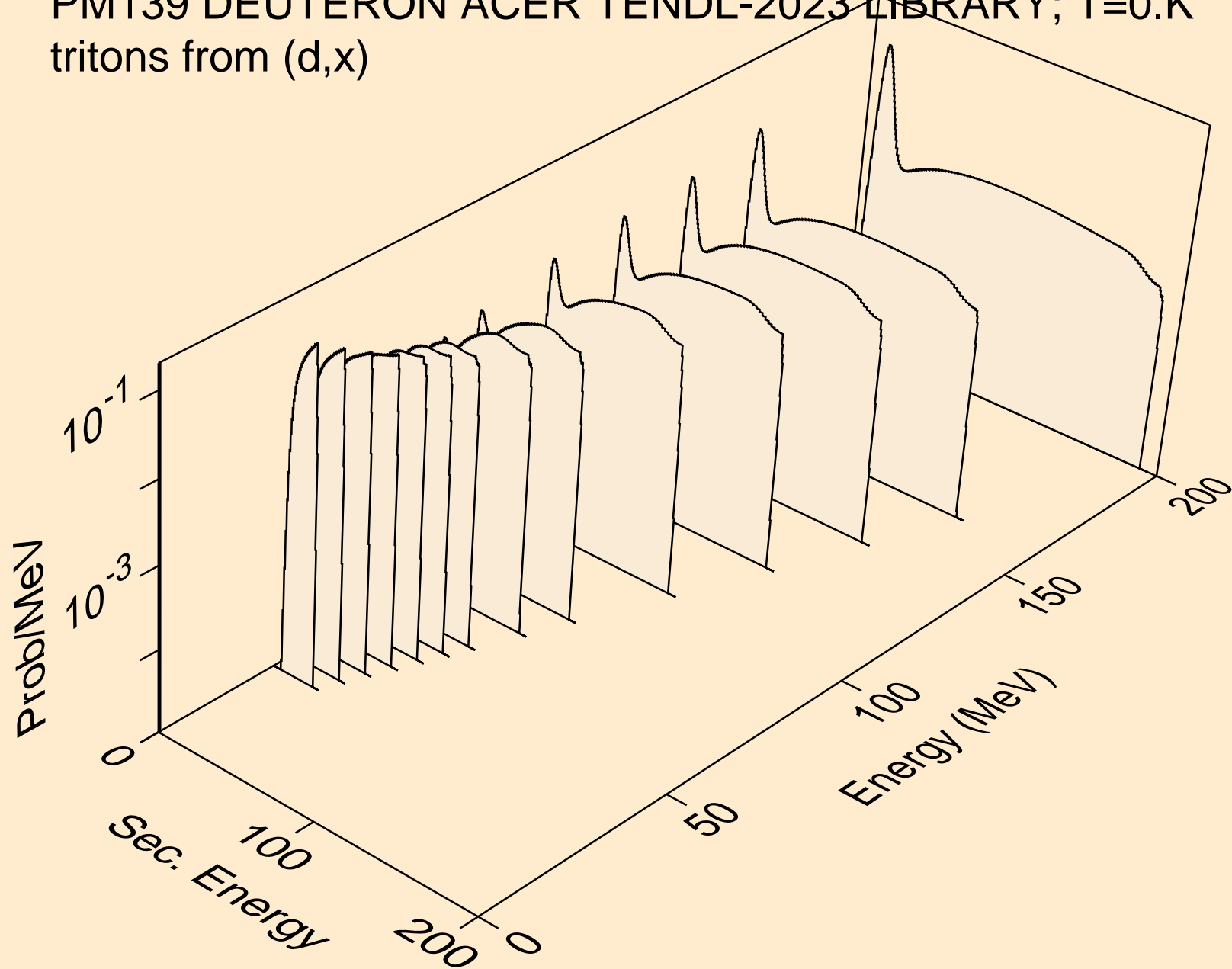
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pd)



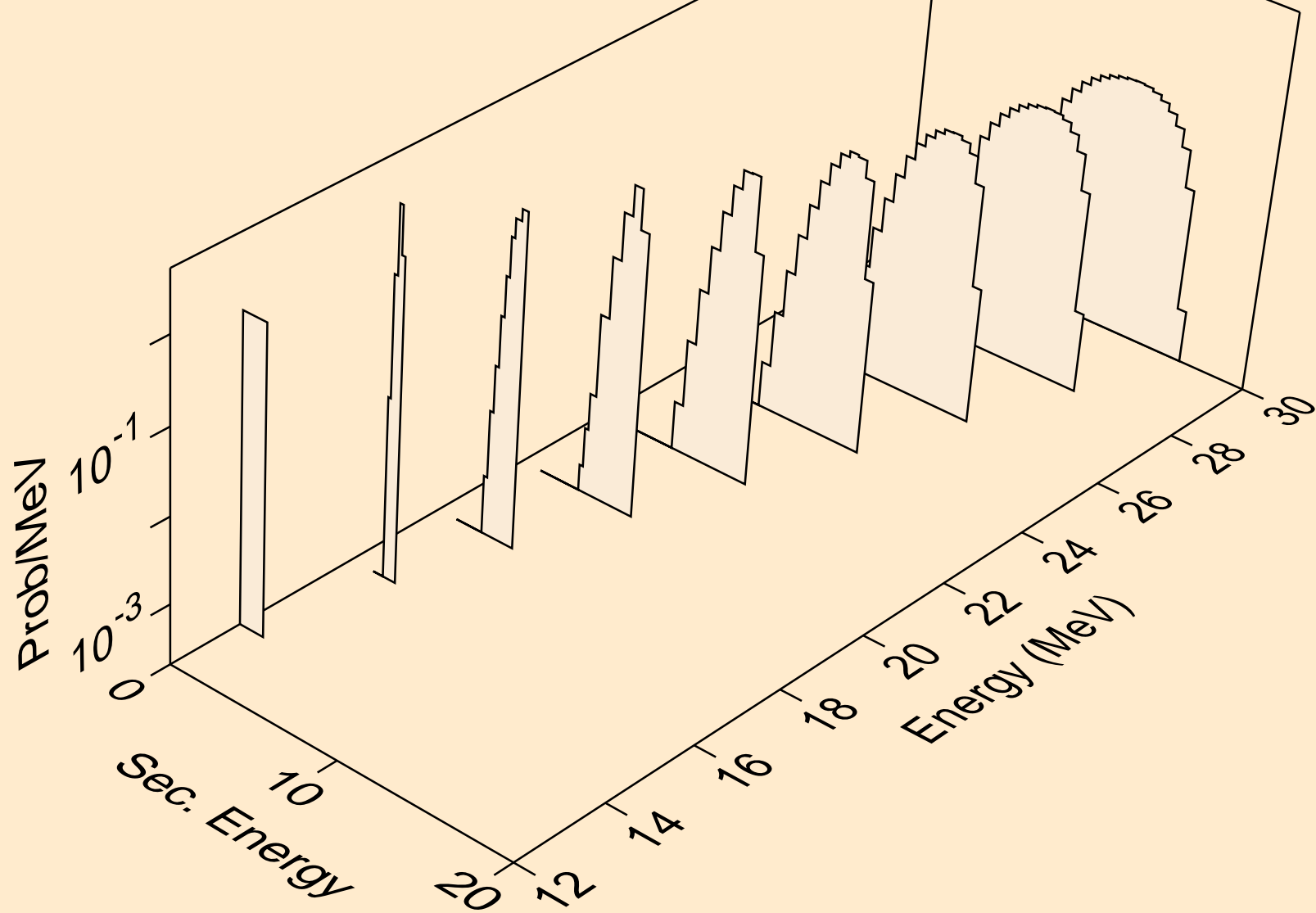
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (d,pt)



PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,x)

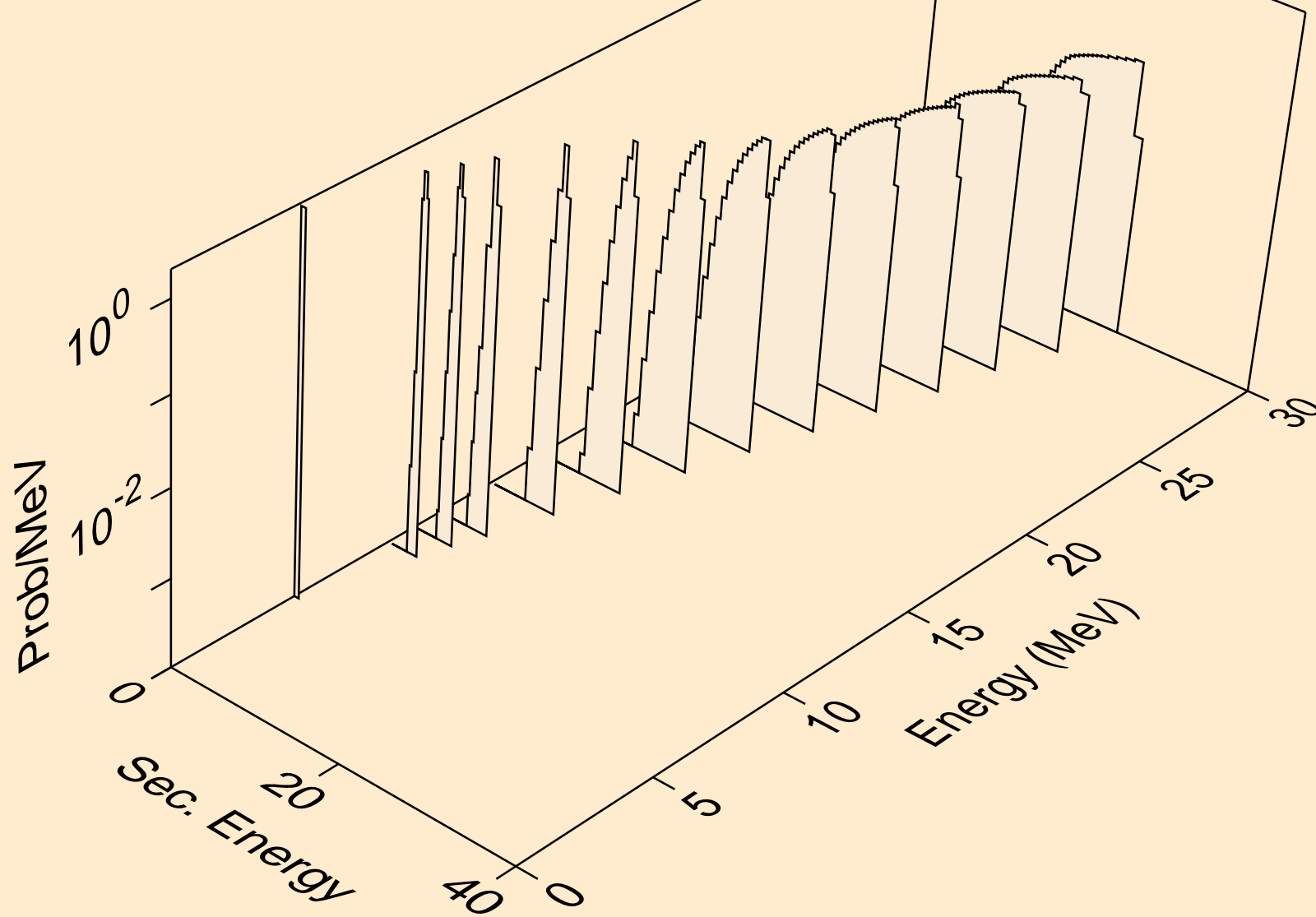


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,n\*)t

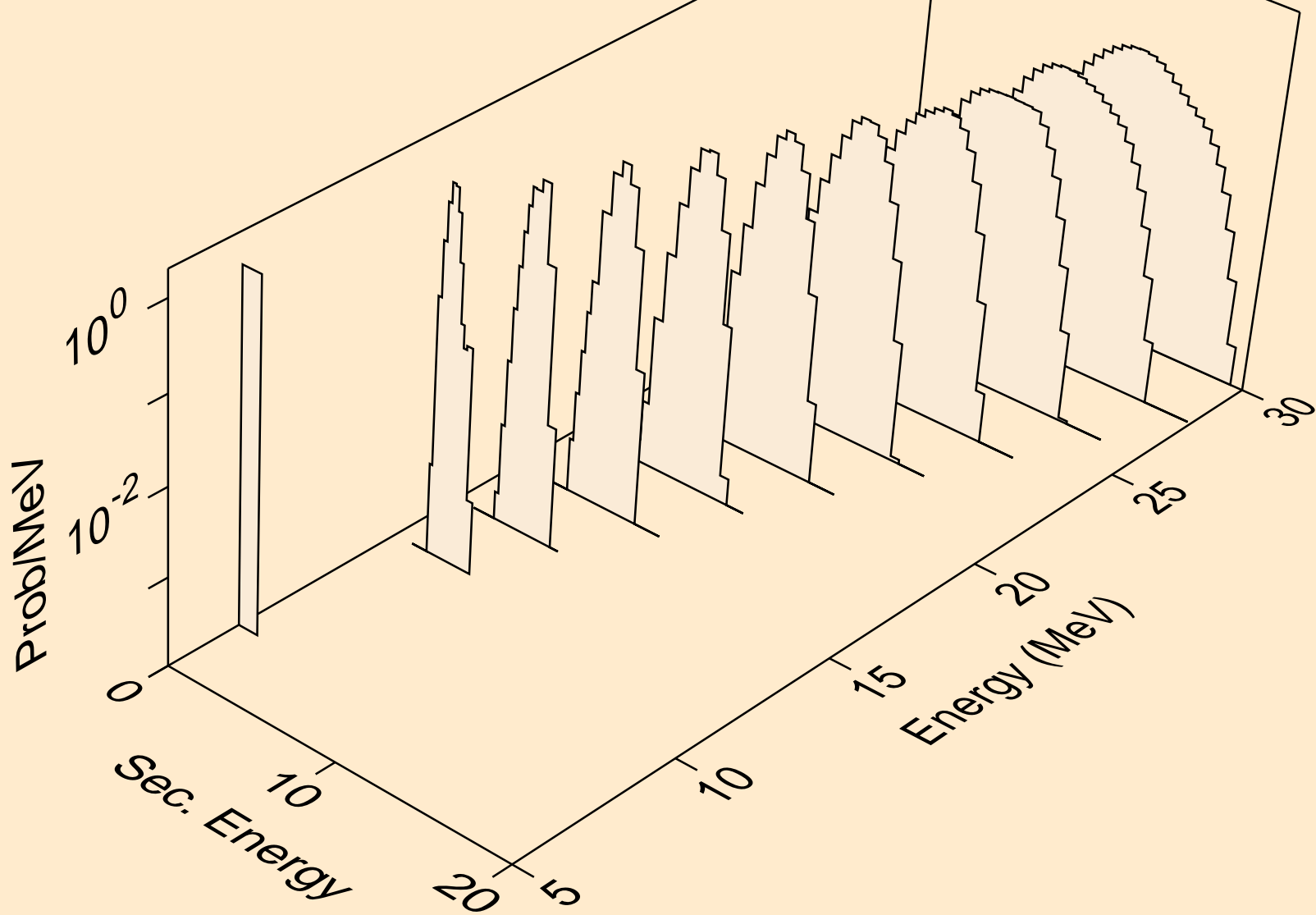




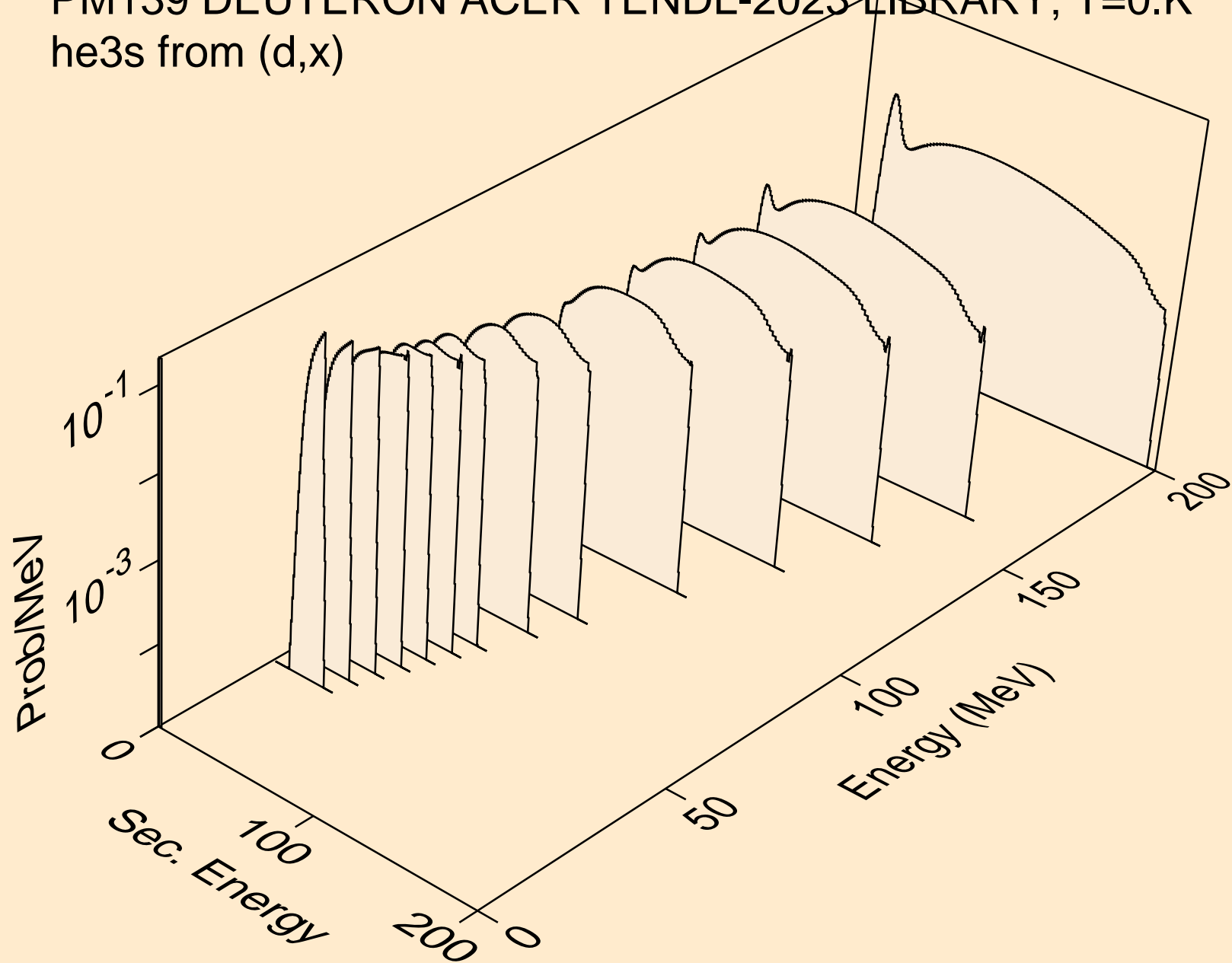
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,t)



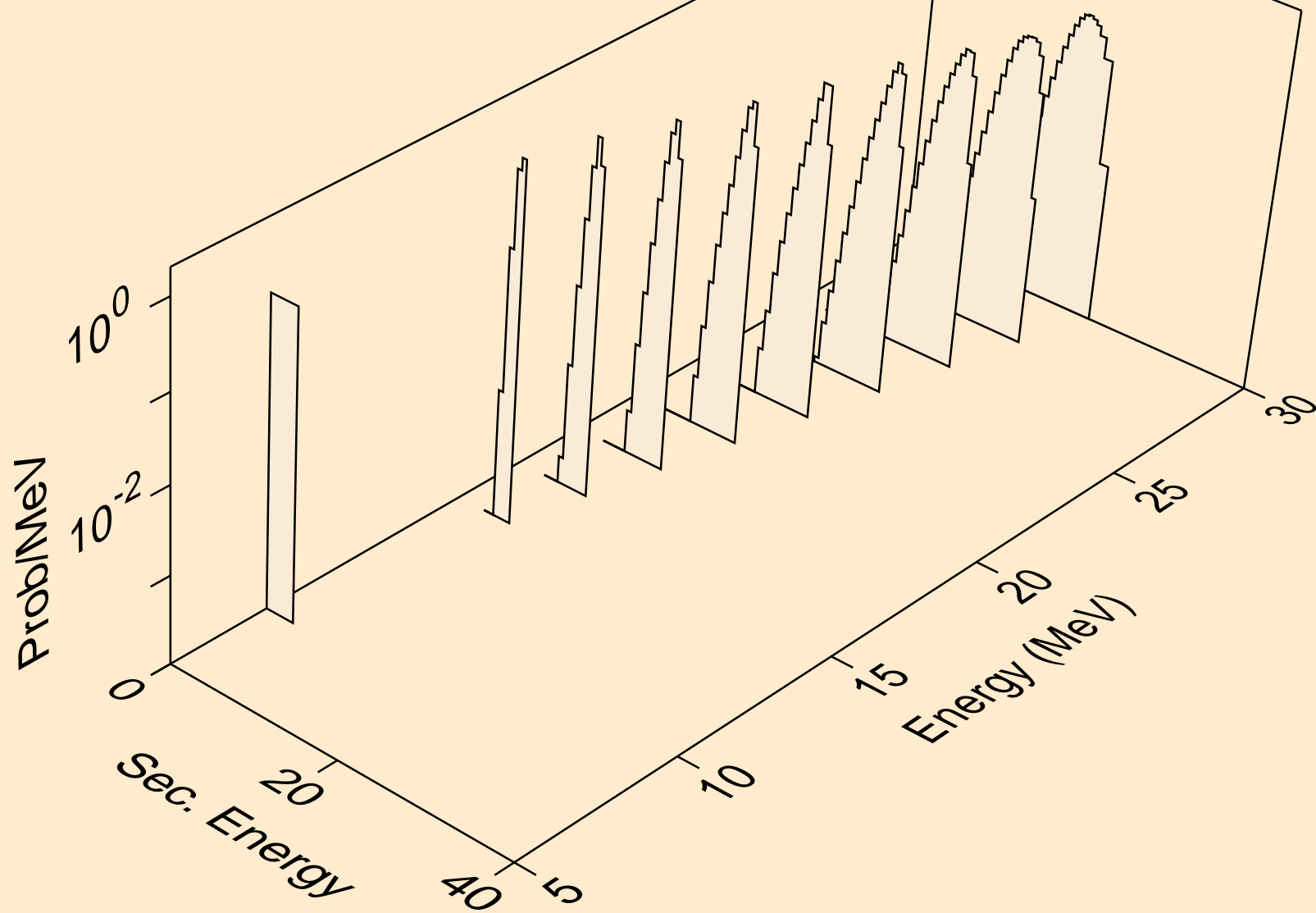
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (d,pt)



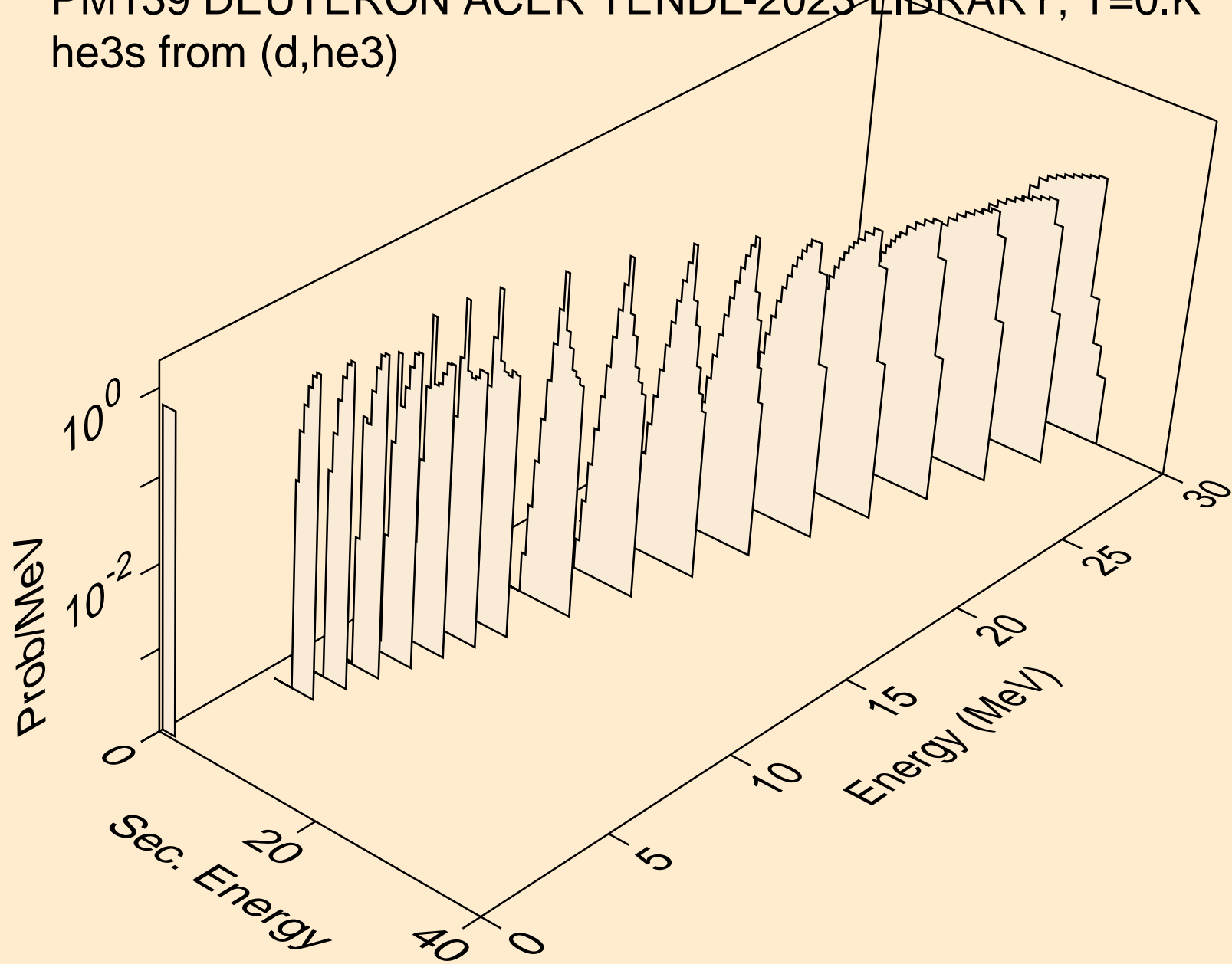
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,x)



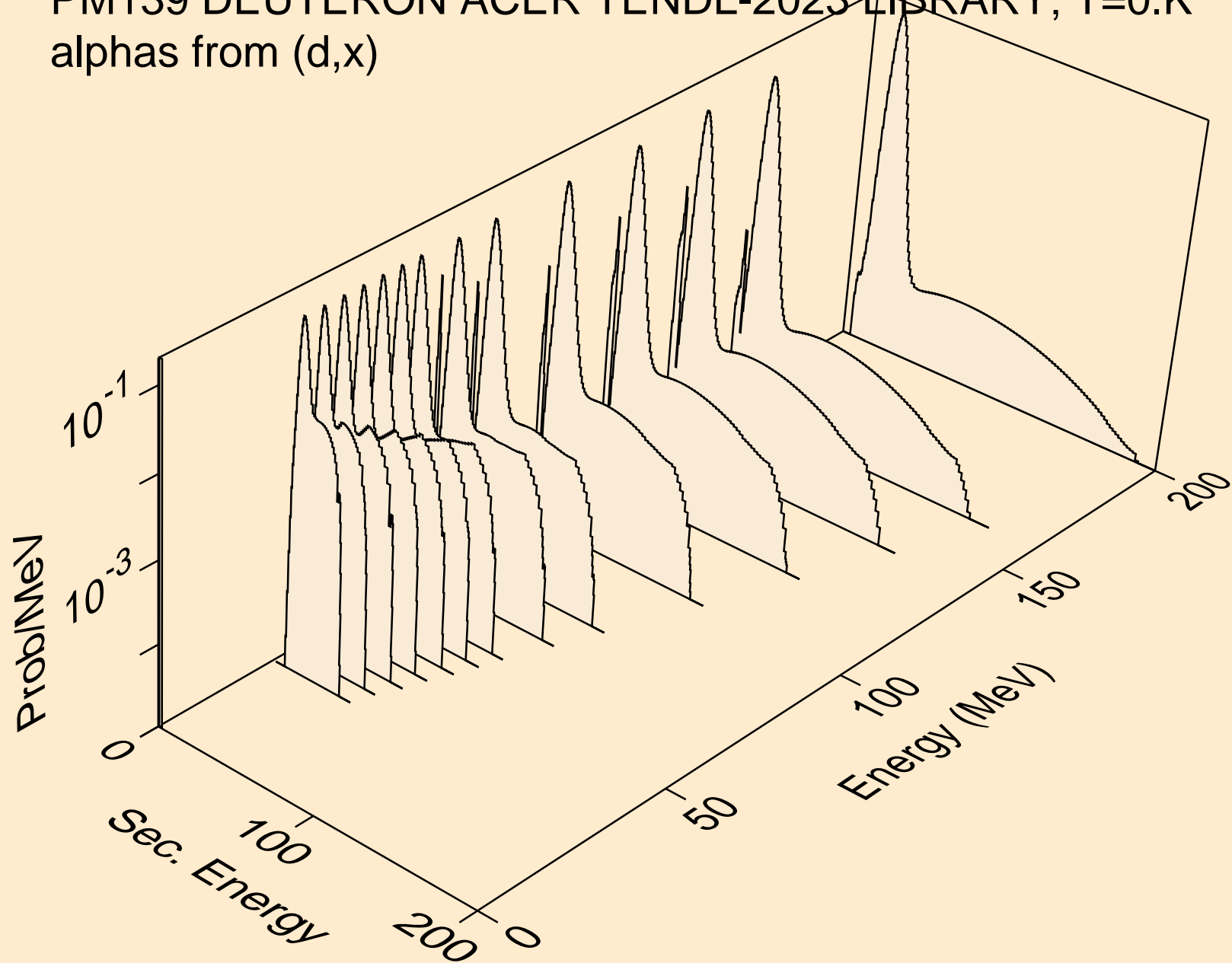
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,n\*)he3



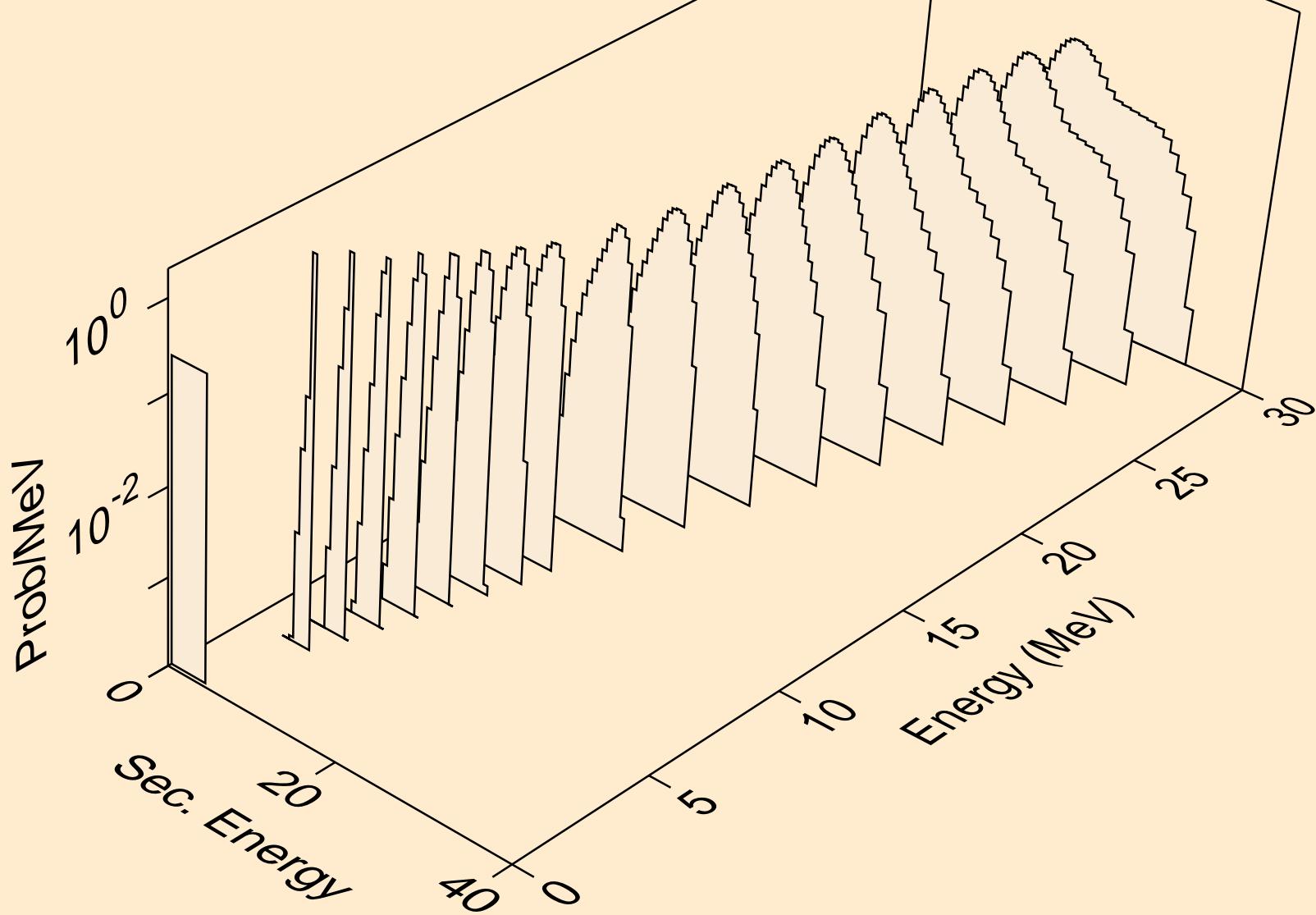
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (d,he3)



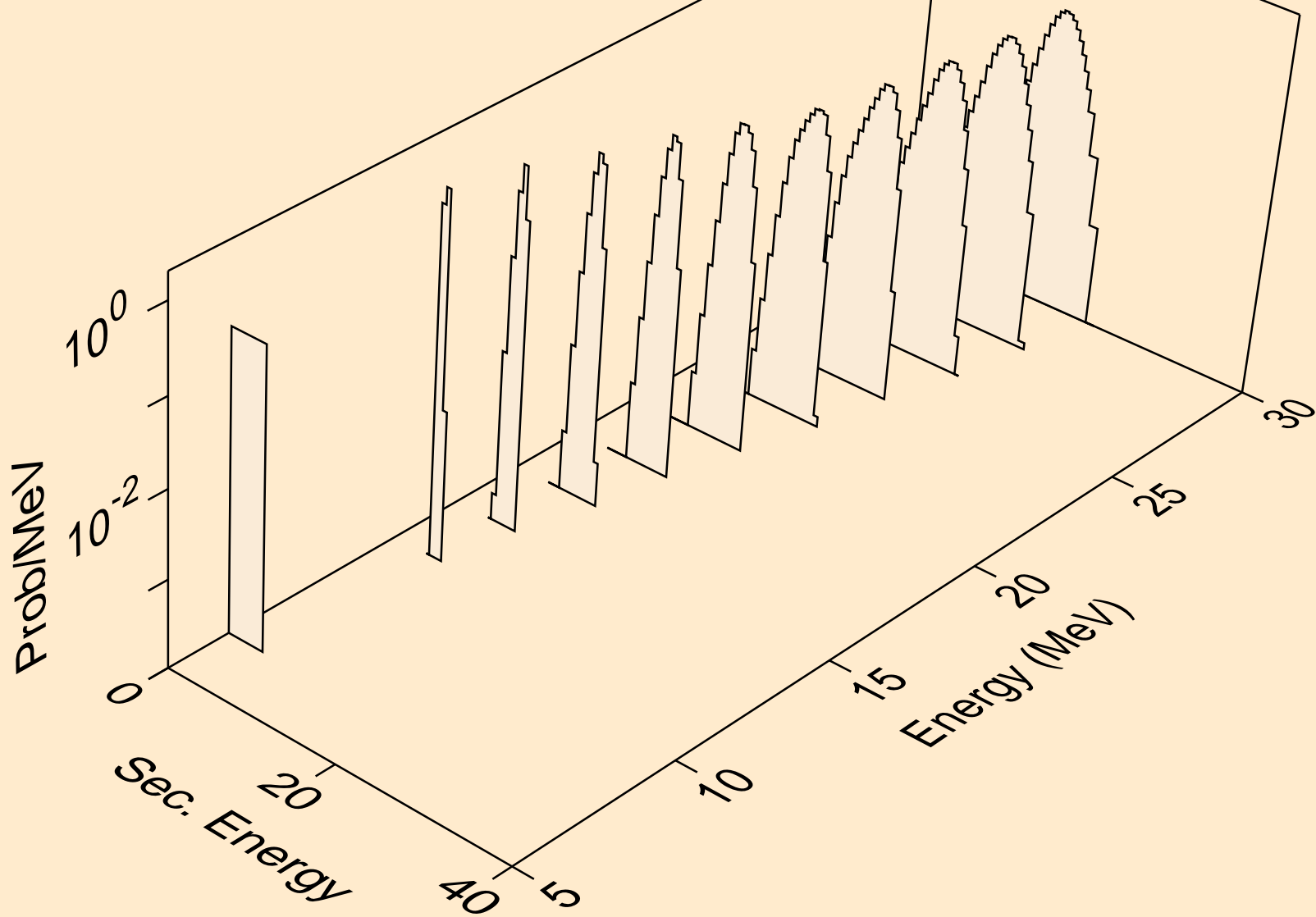
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,x)



PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)a

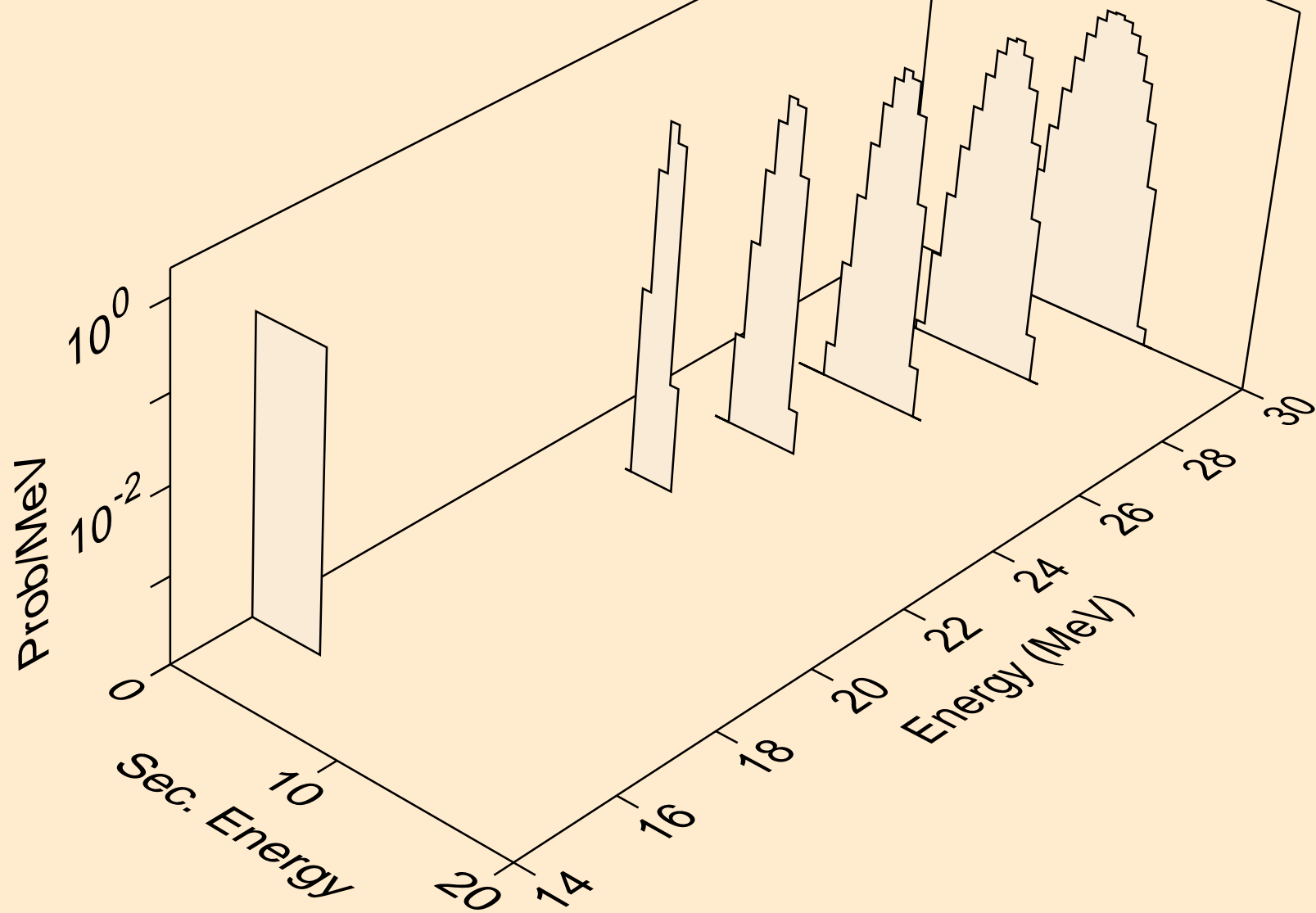


PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2n)a

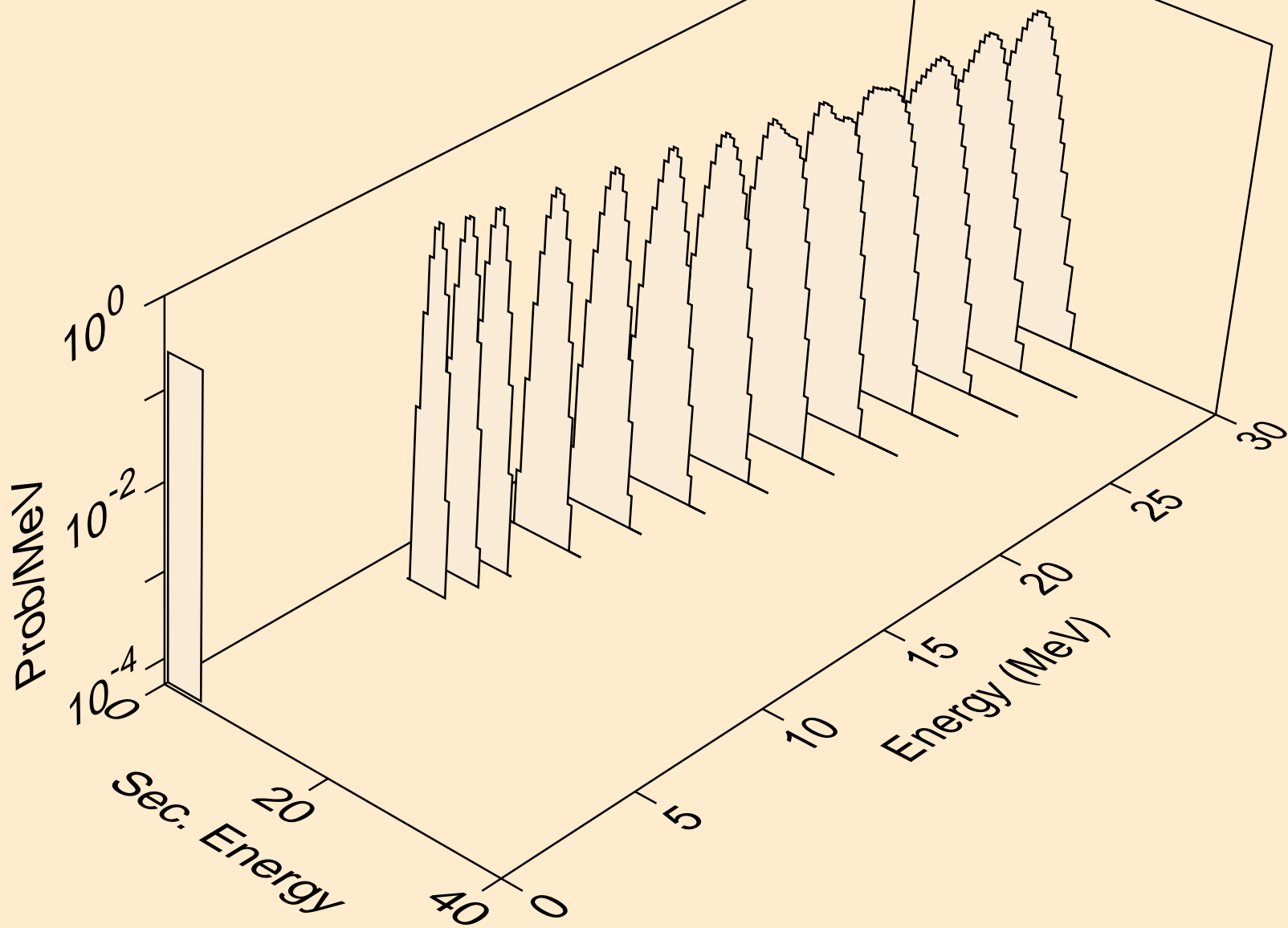




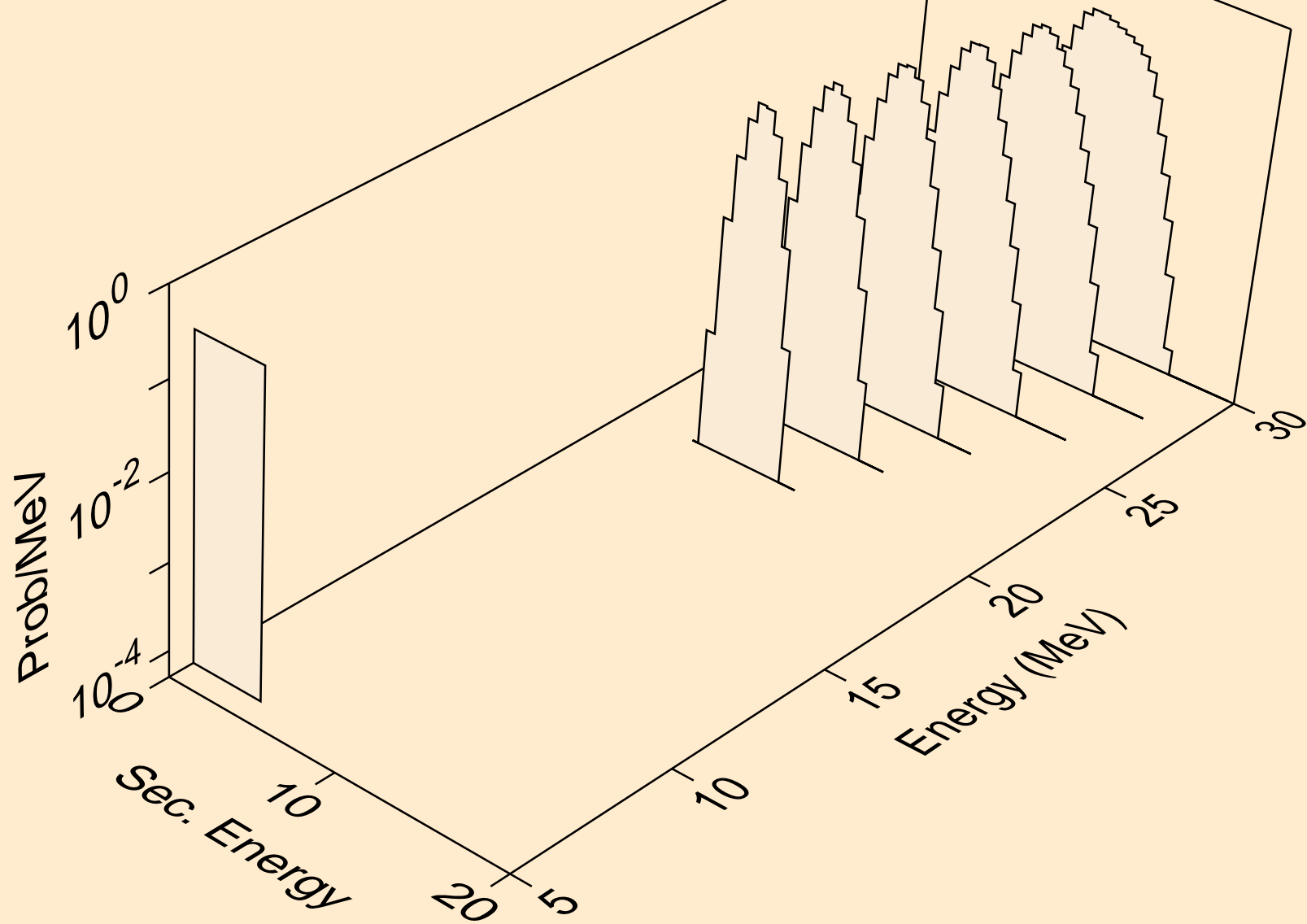
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,3n)a



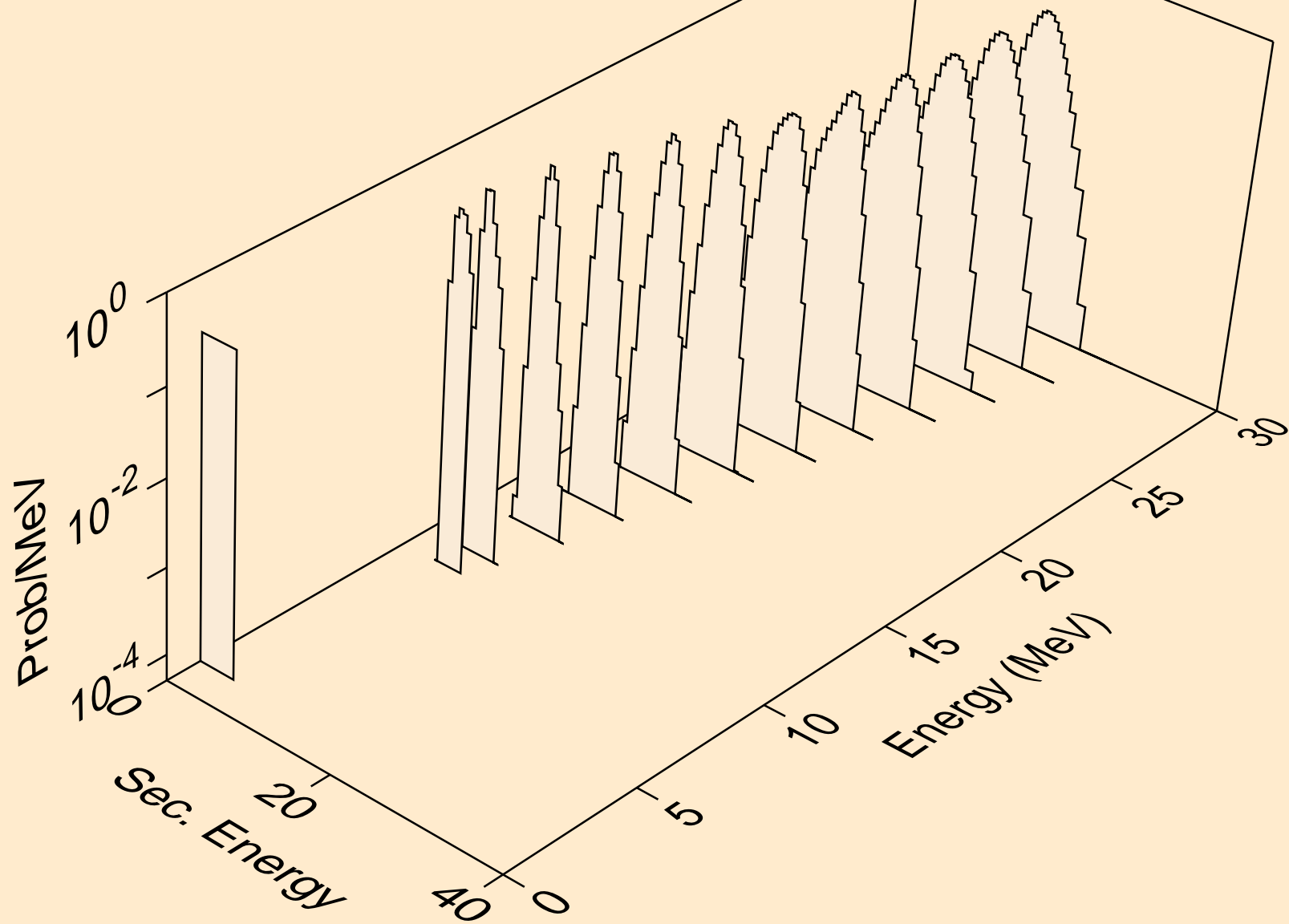
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,n\*)2a



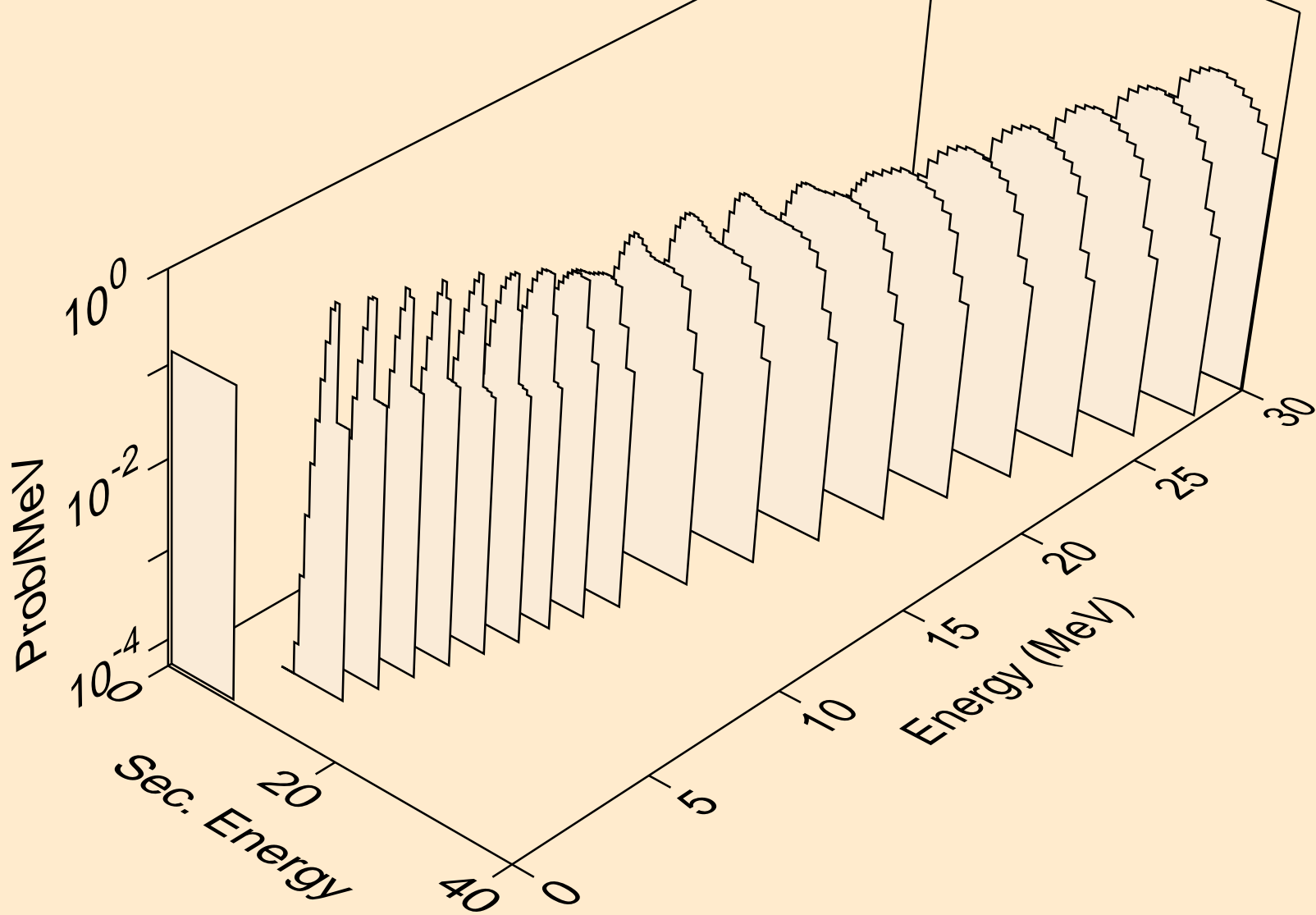
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2n)2a



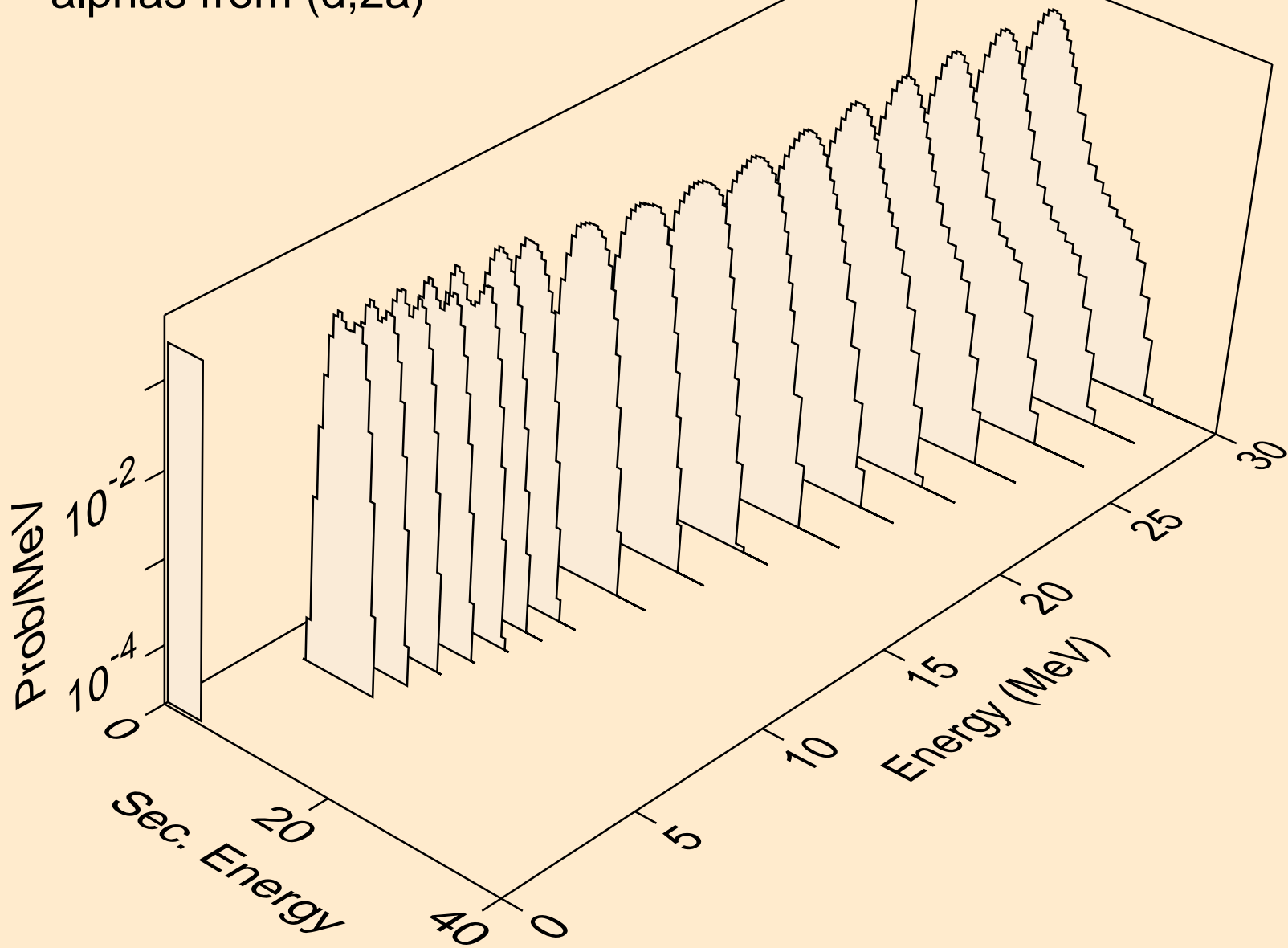
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,npa)



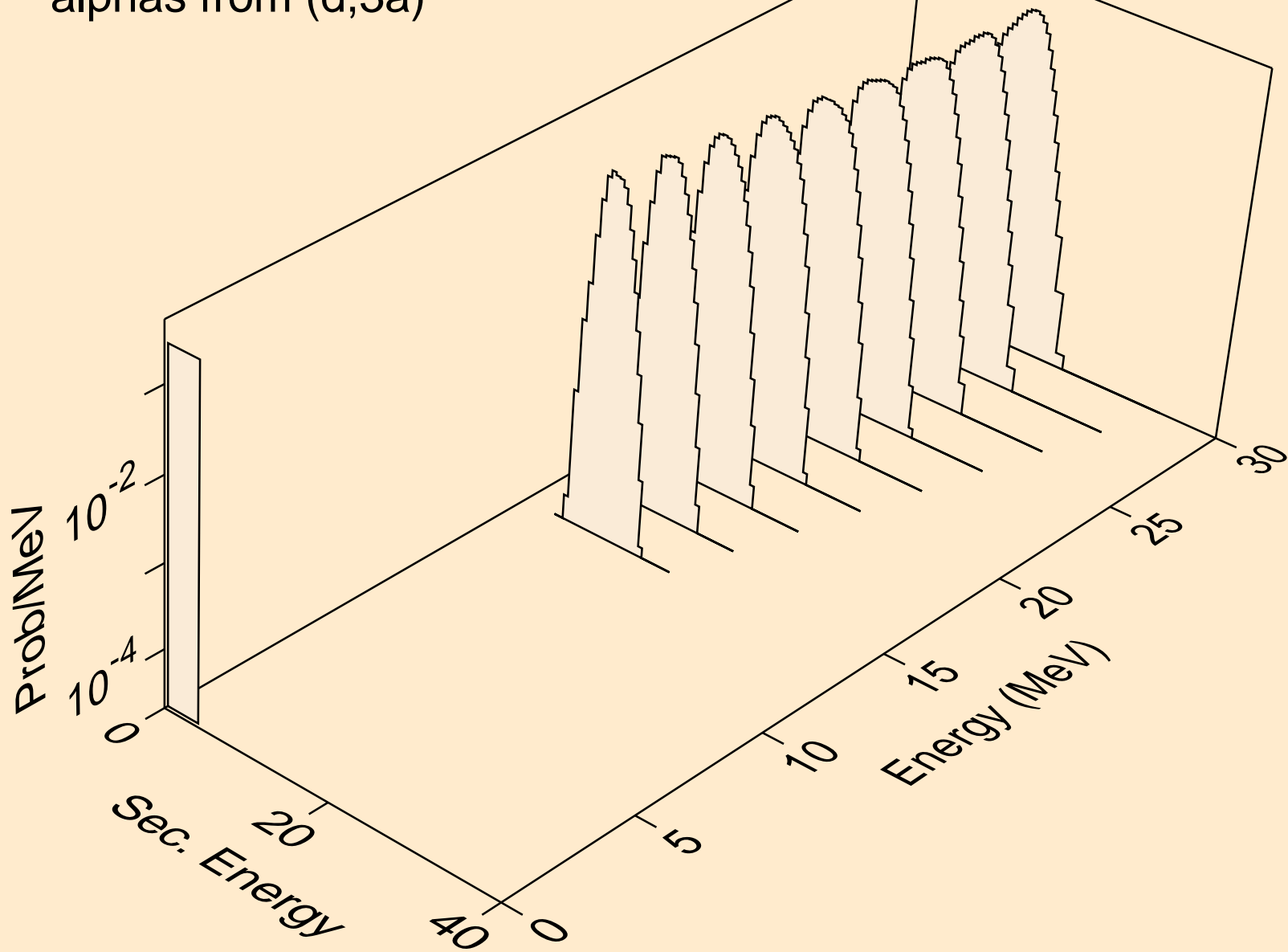
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,a)



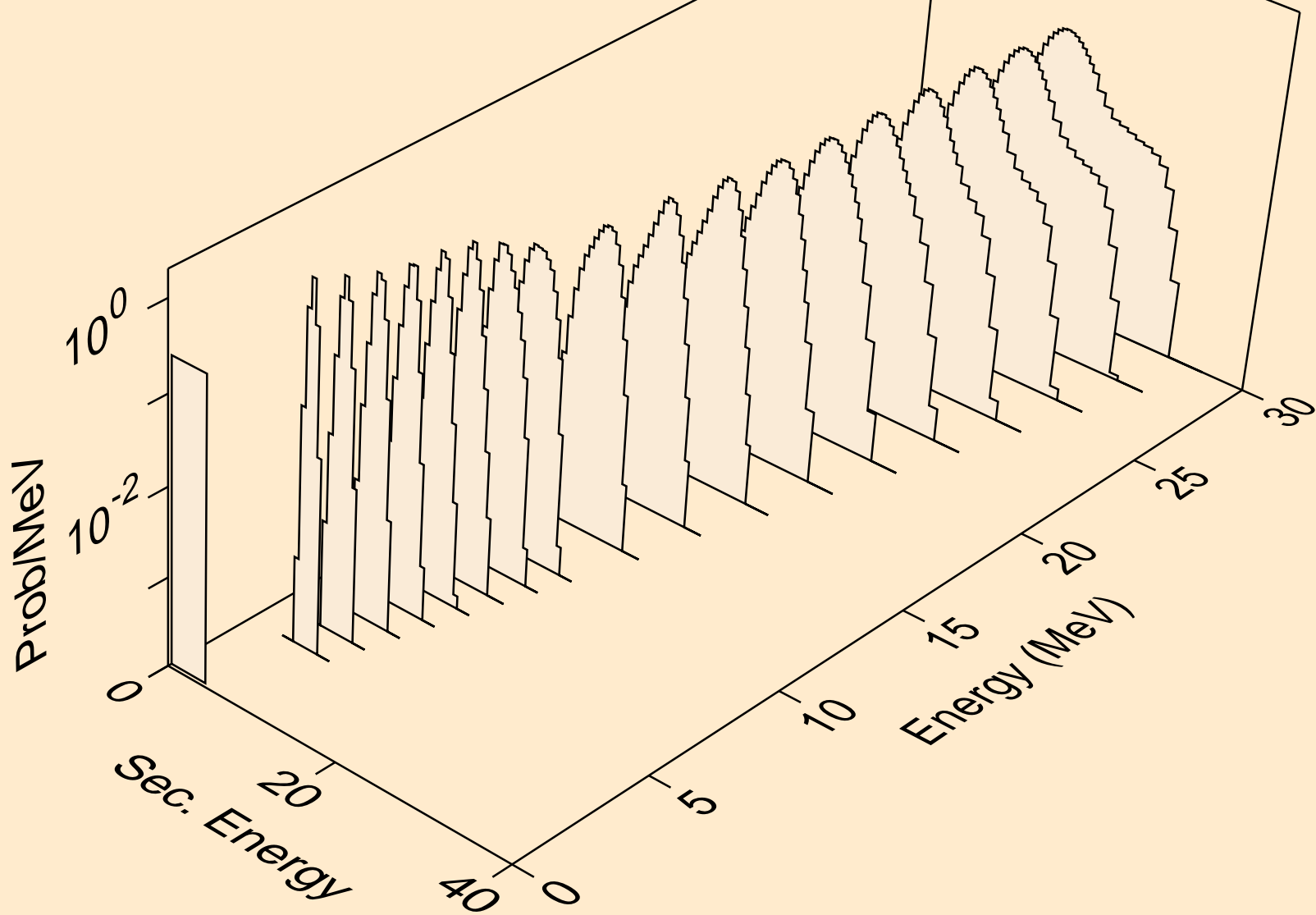
PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,2a)



PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,3a)



PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,pa)





PM139 DEUTERON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (d,da)

