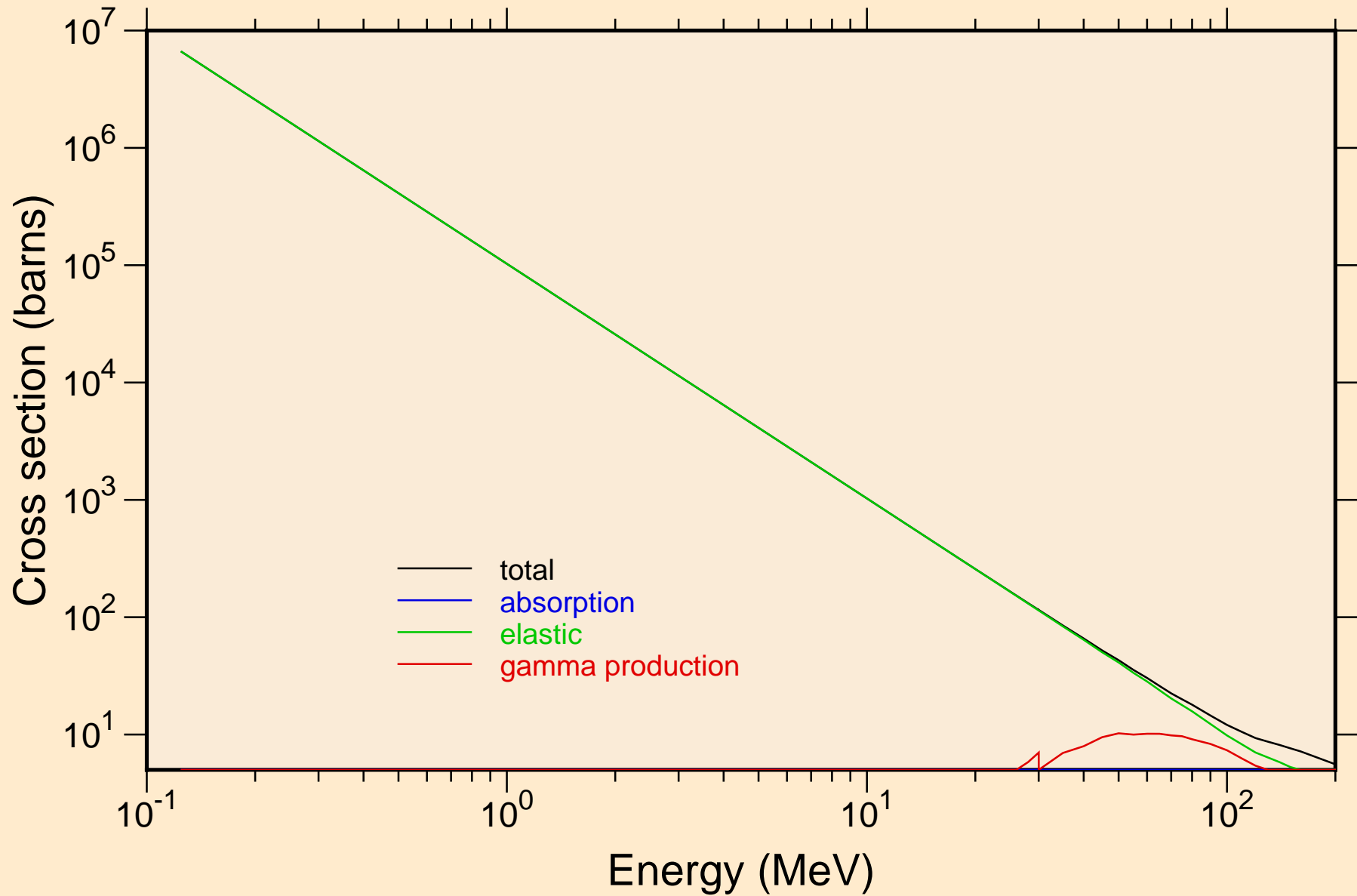


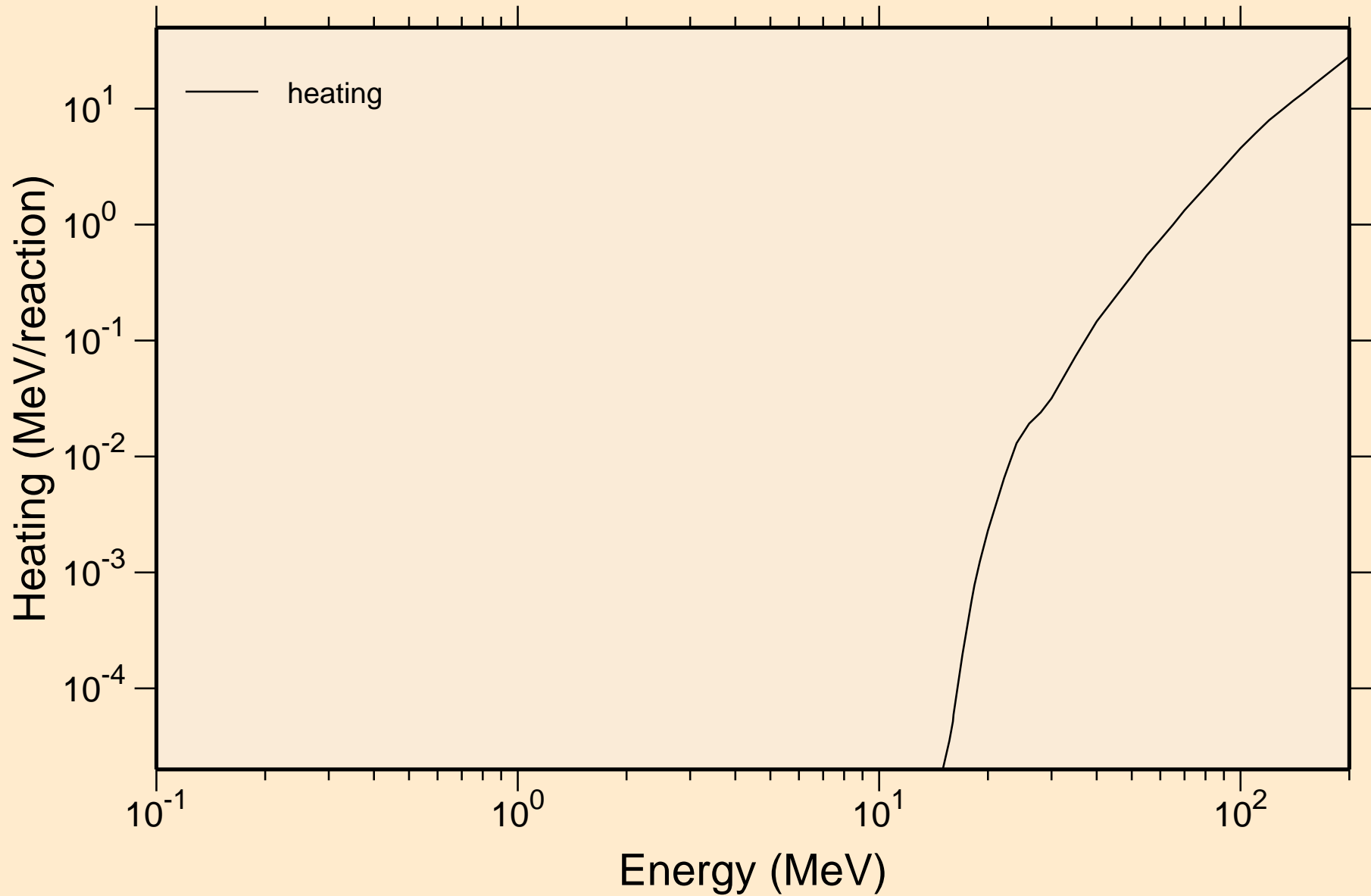
# EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



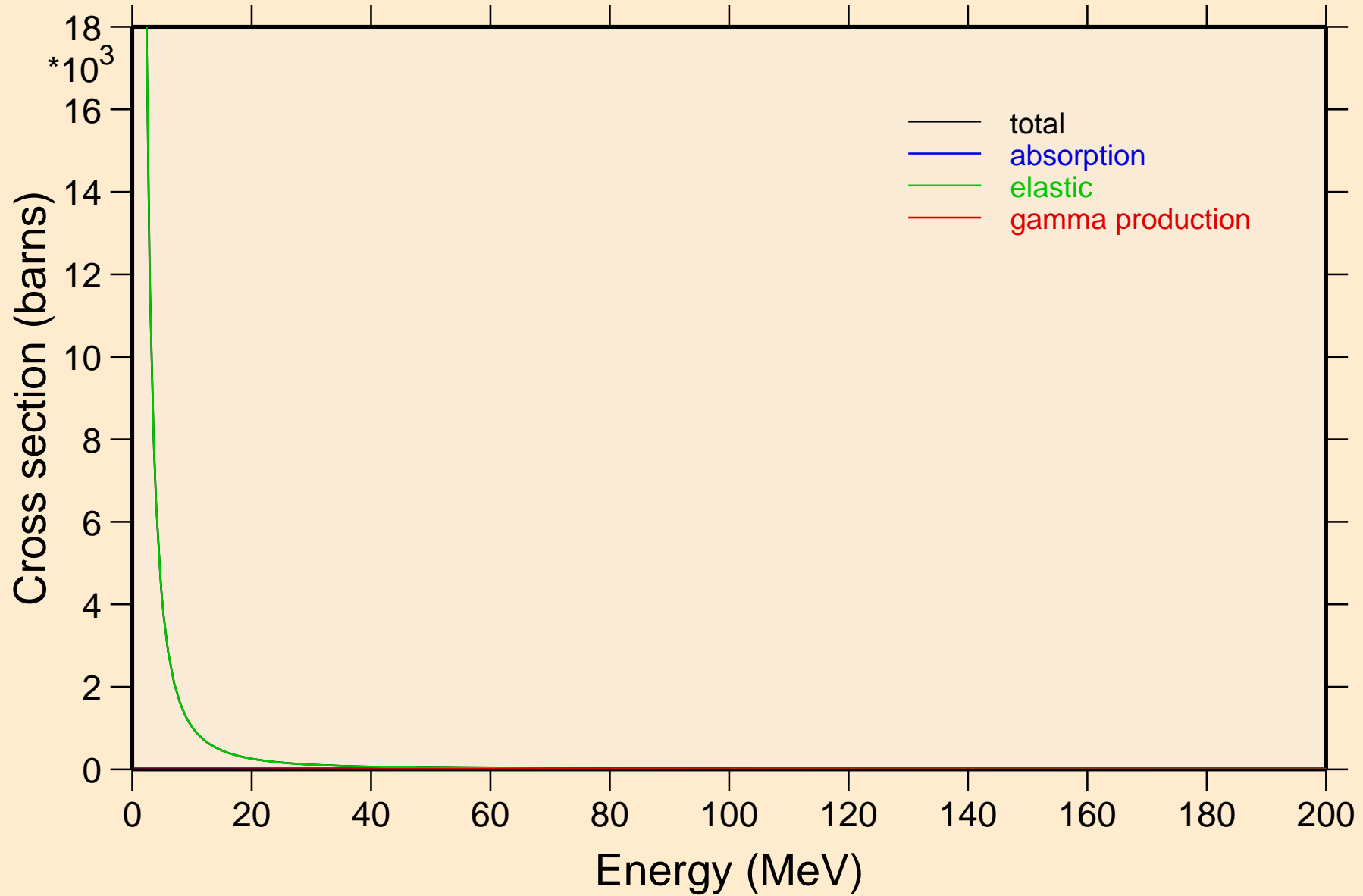
# EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Heating



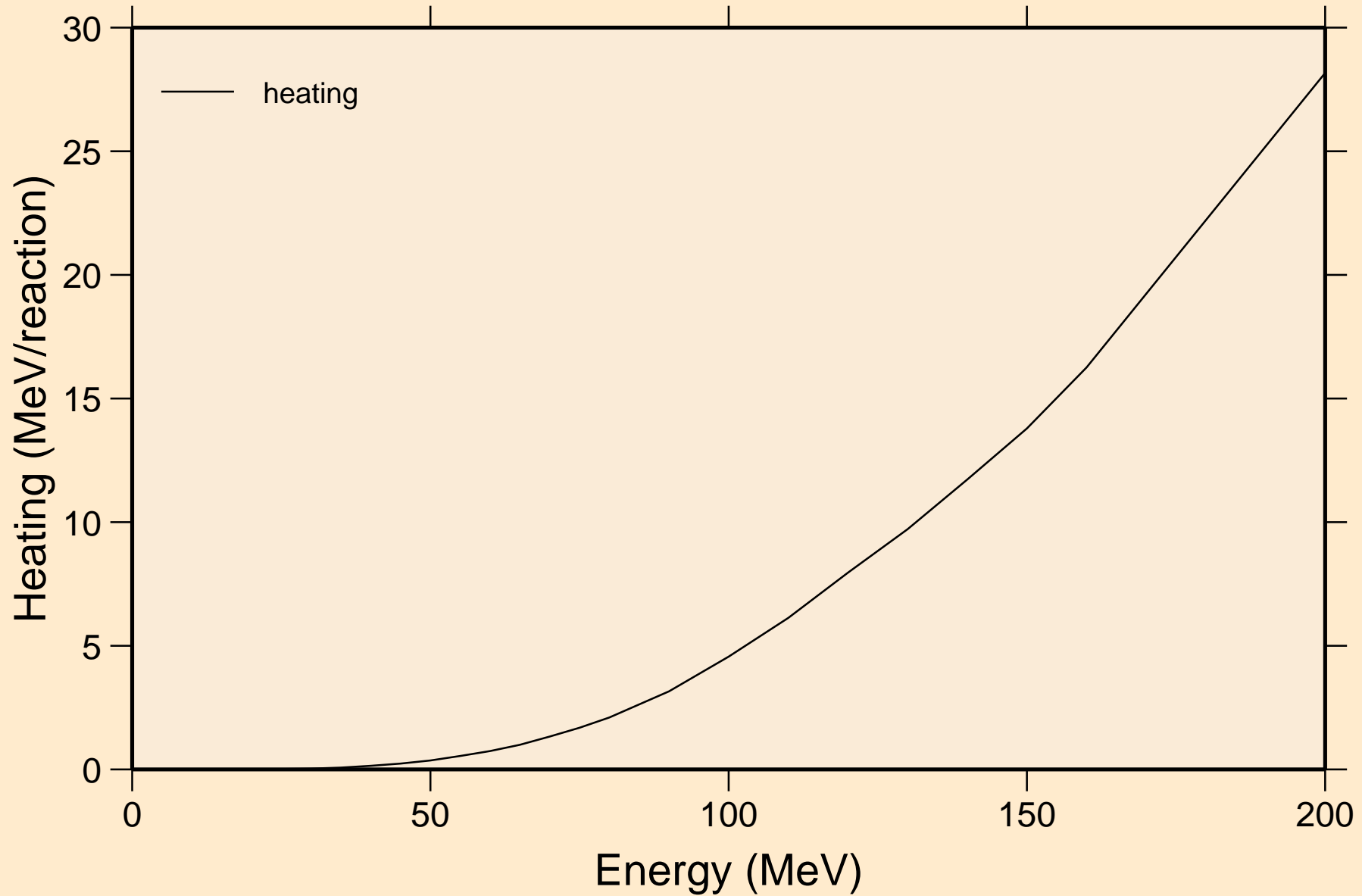
# EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

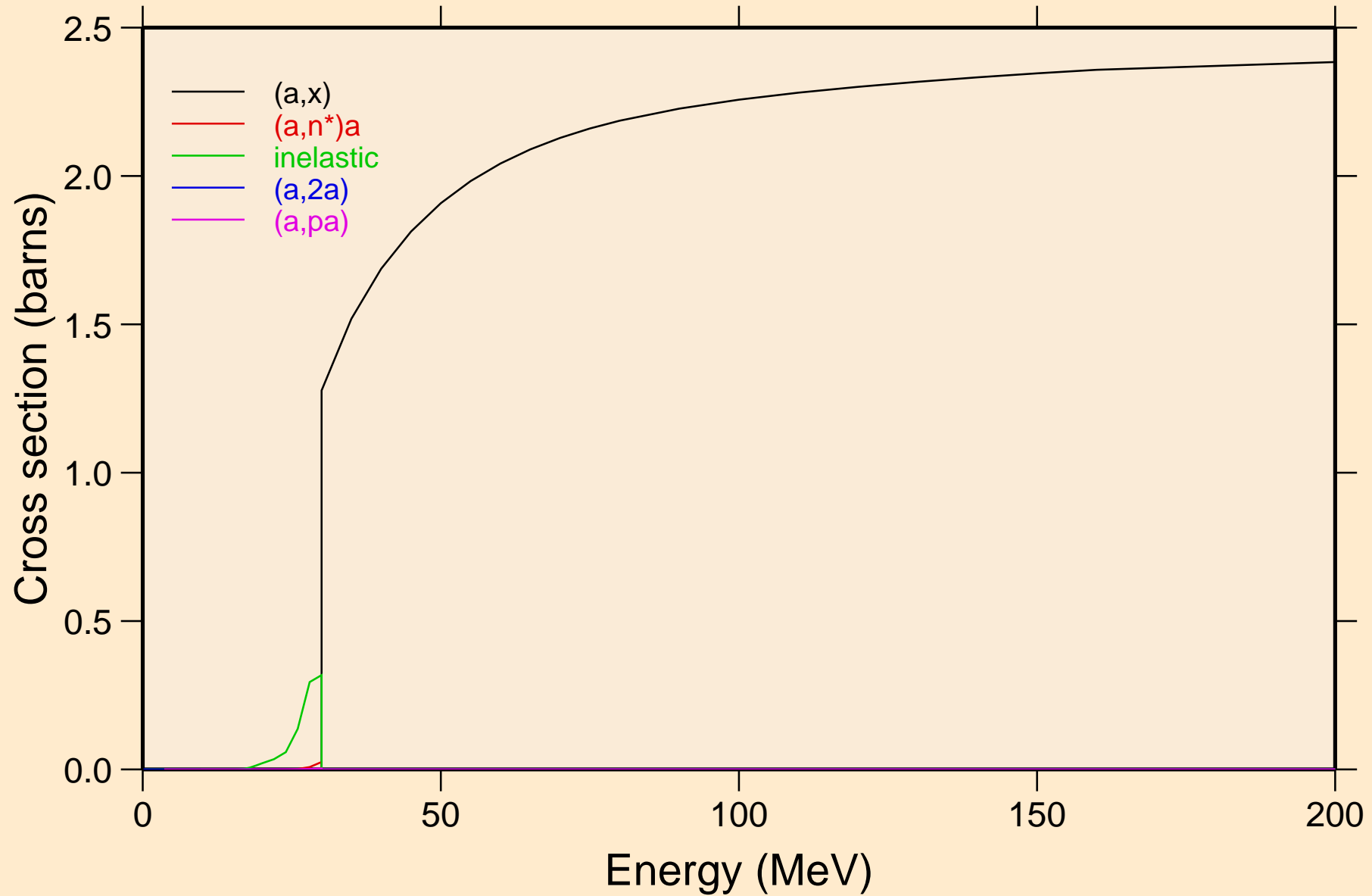


EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

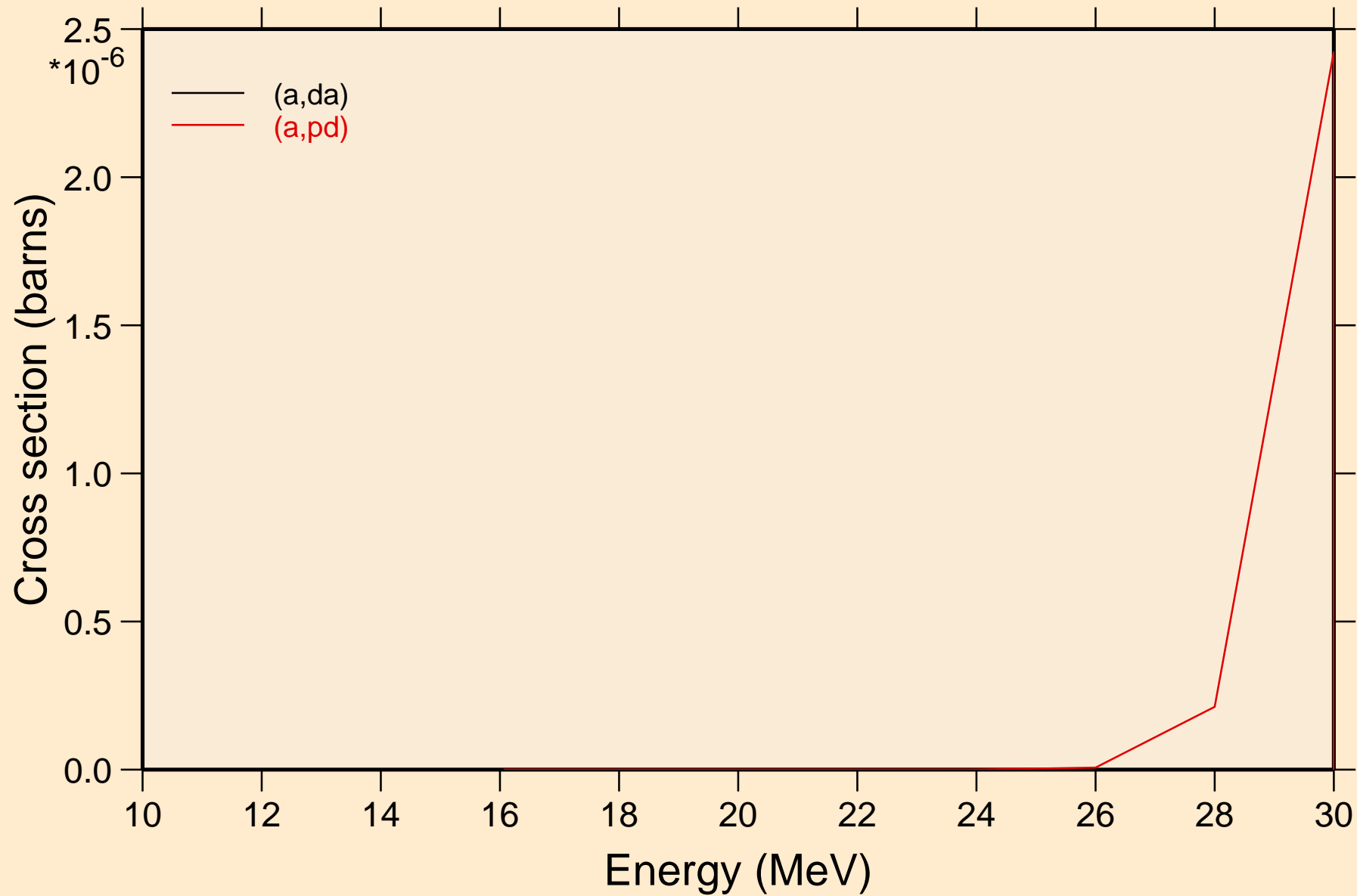
Heating



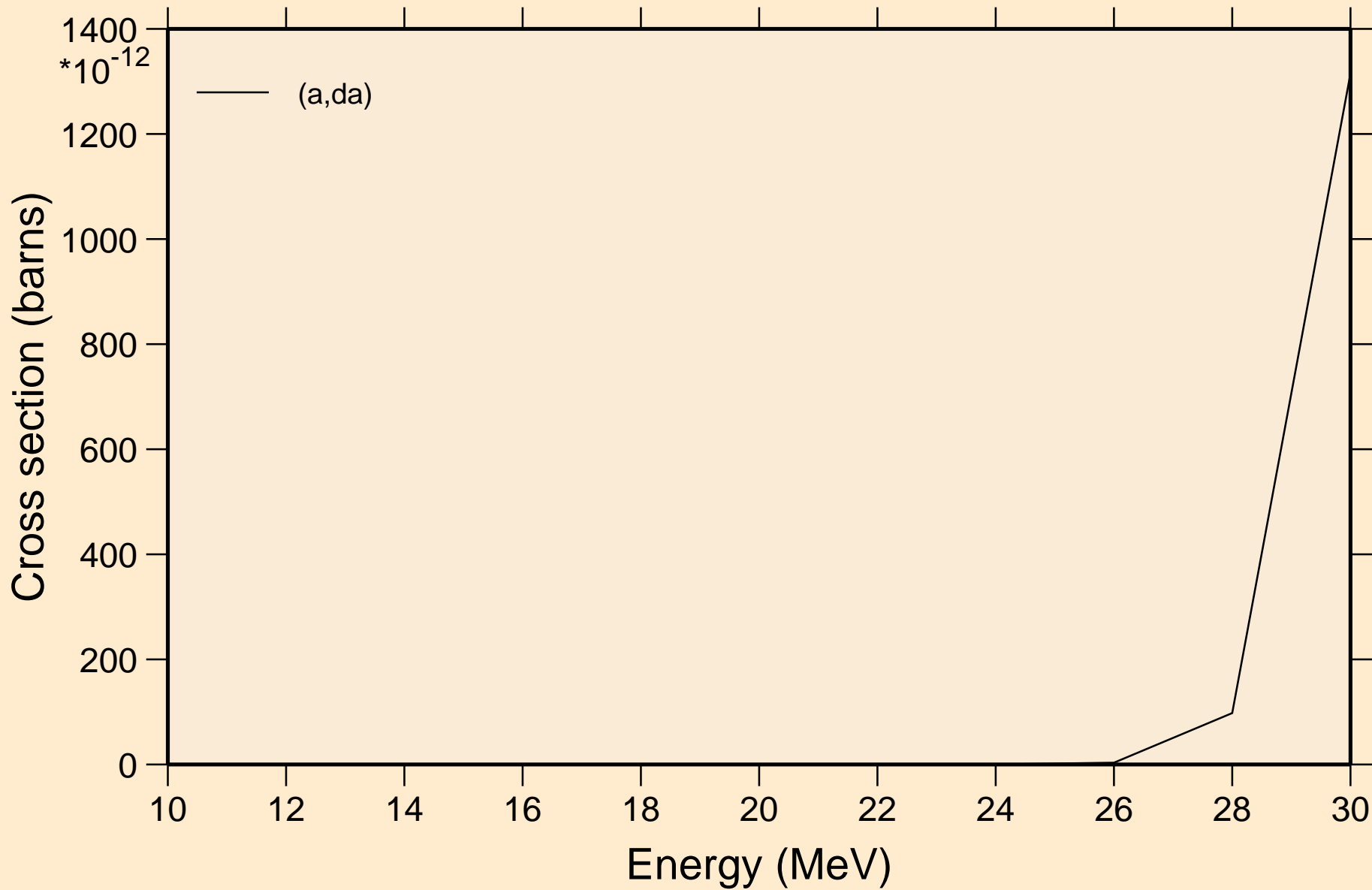
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



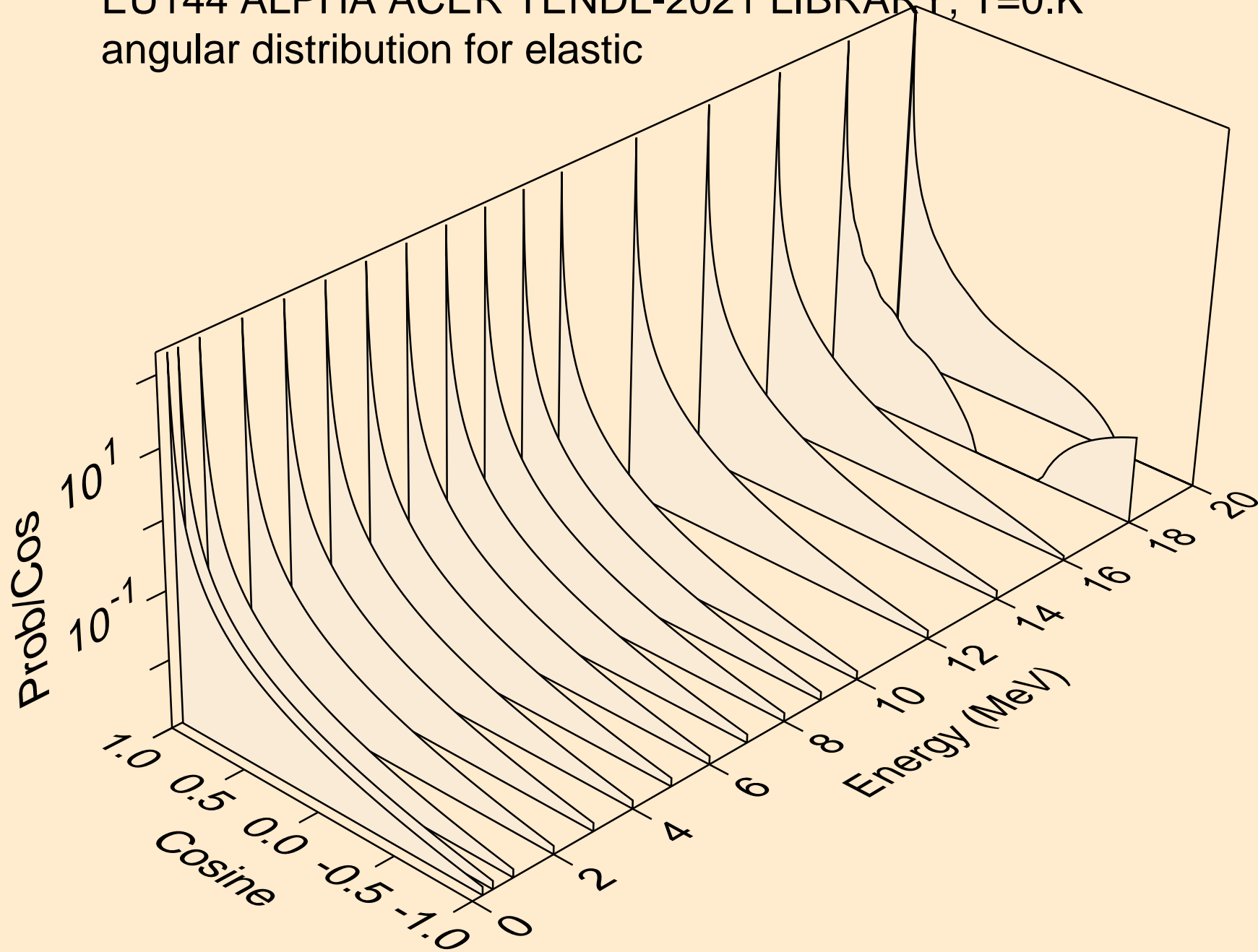
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

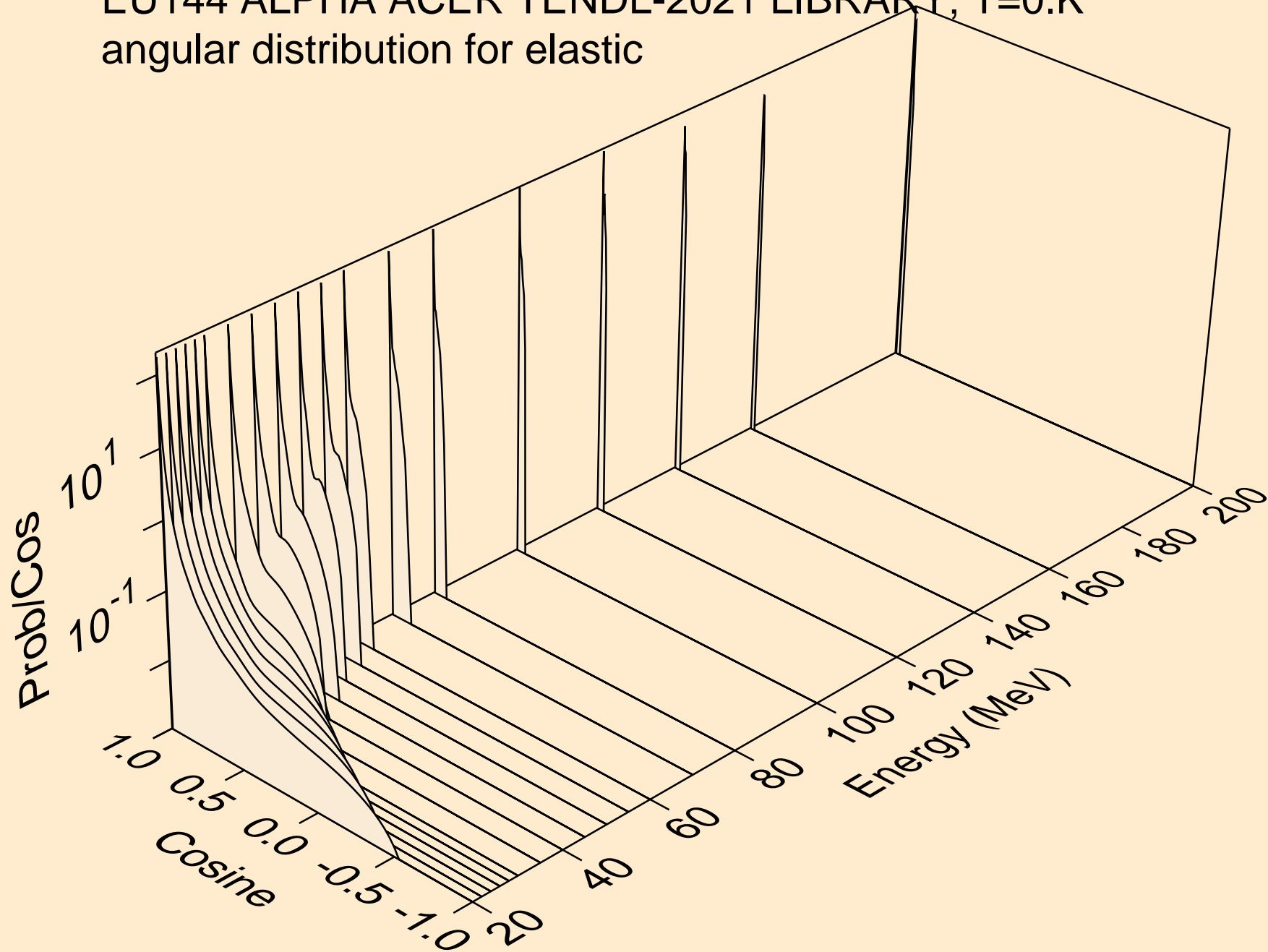


EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



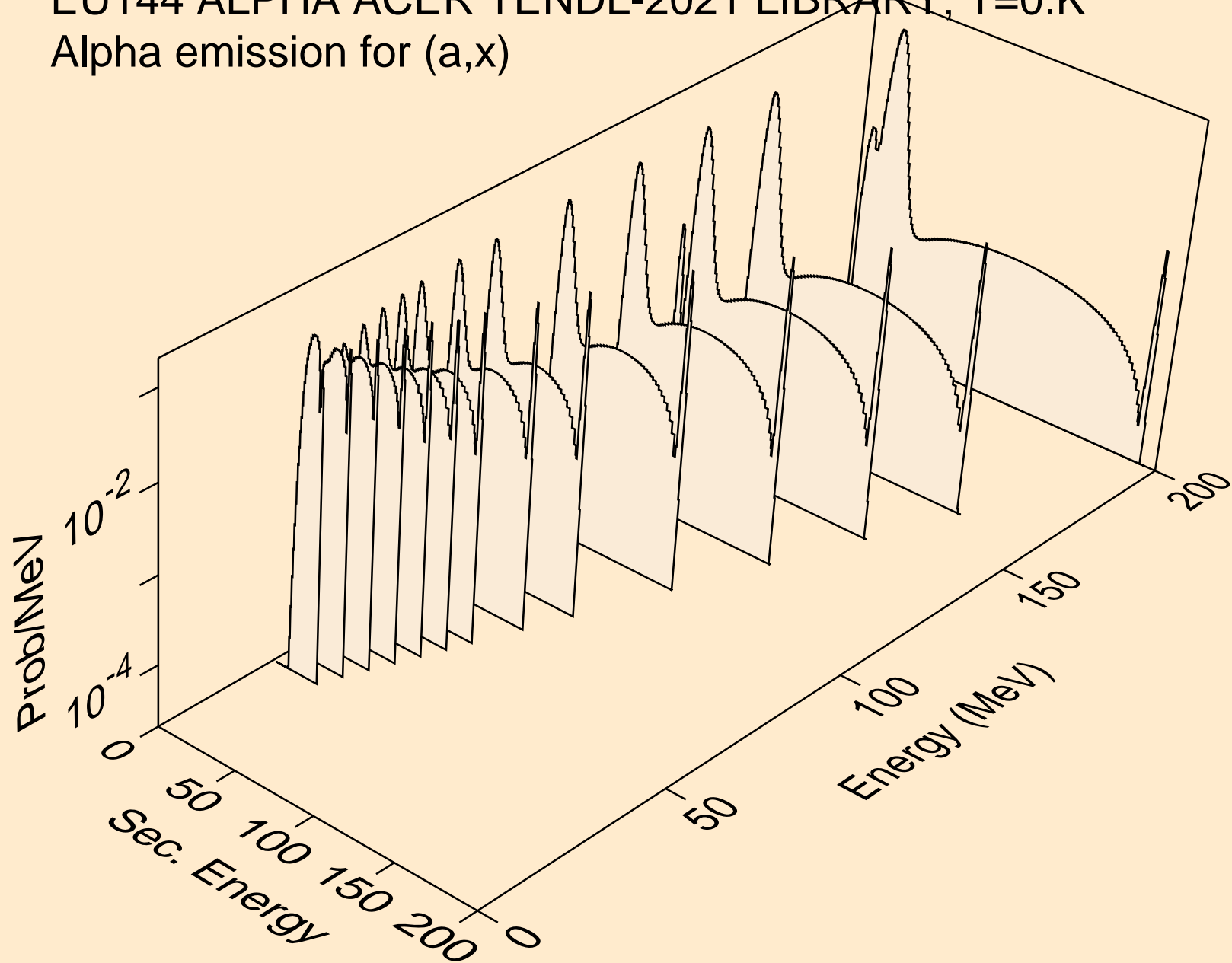


EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

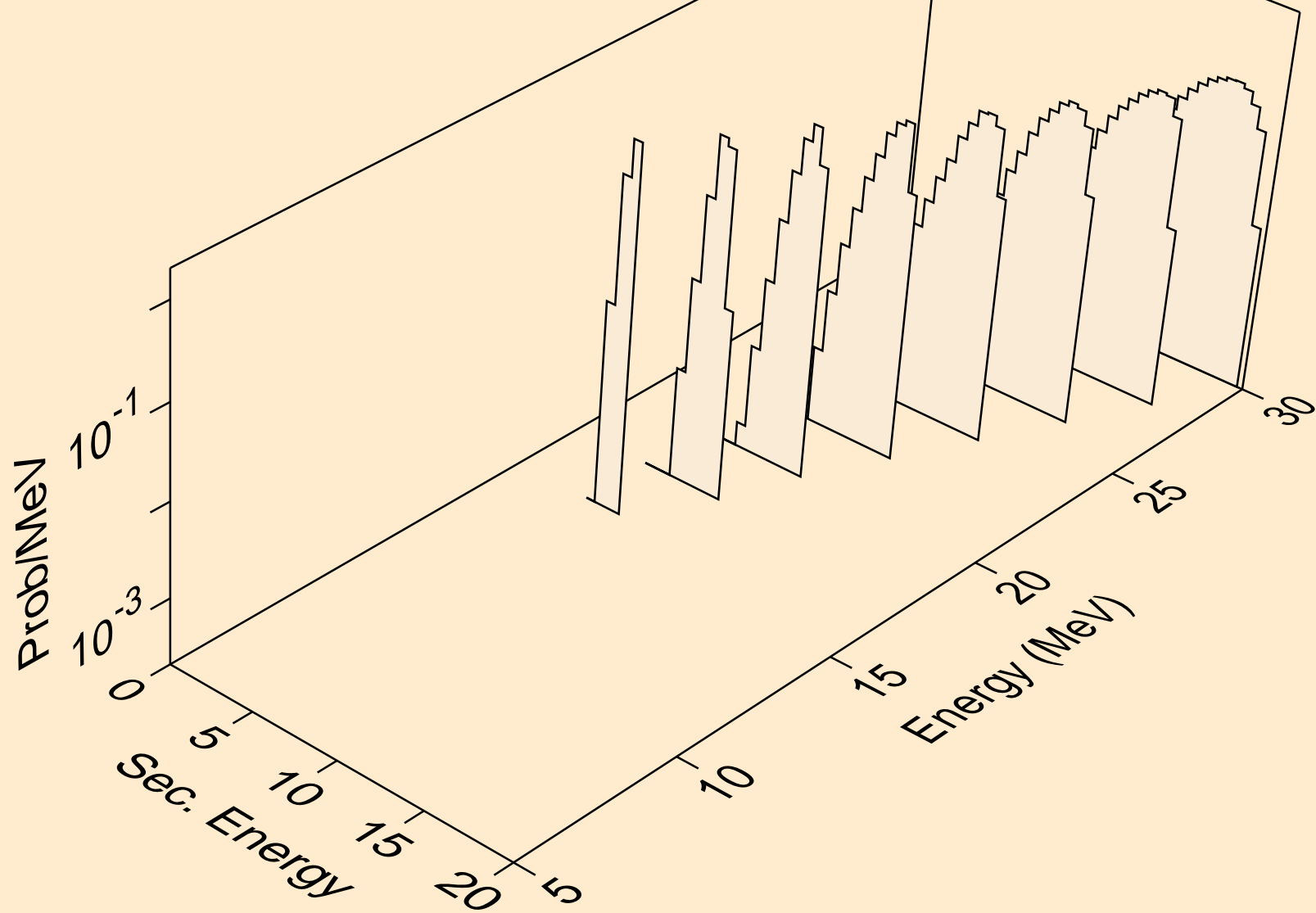


EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

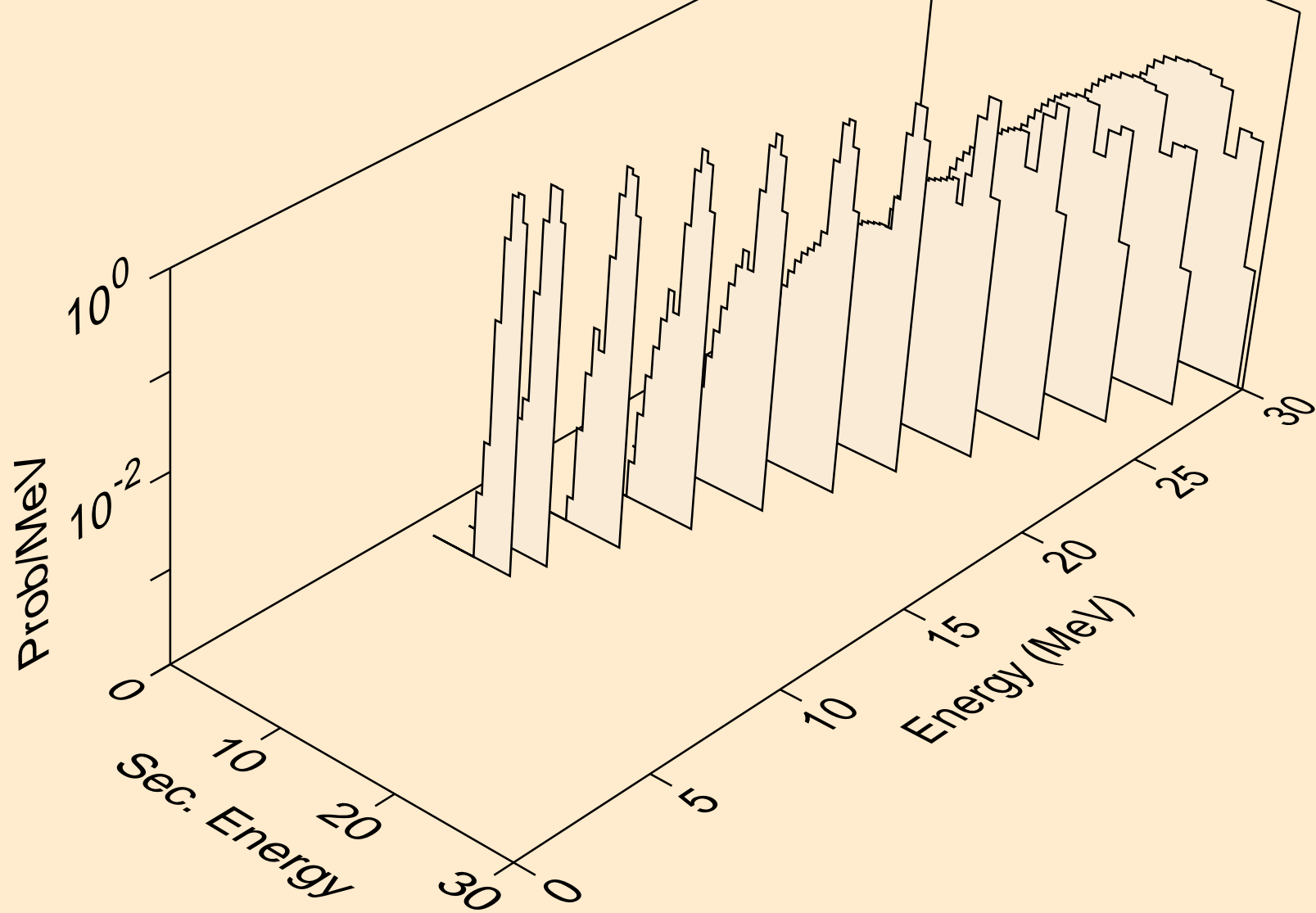
Alpha emission for (a,x)



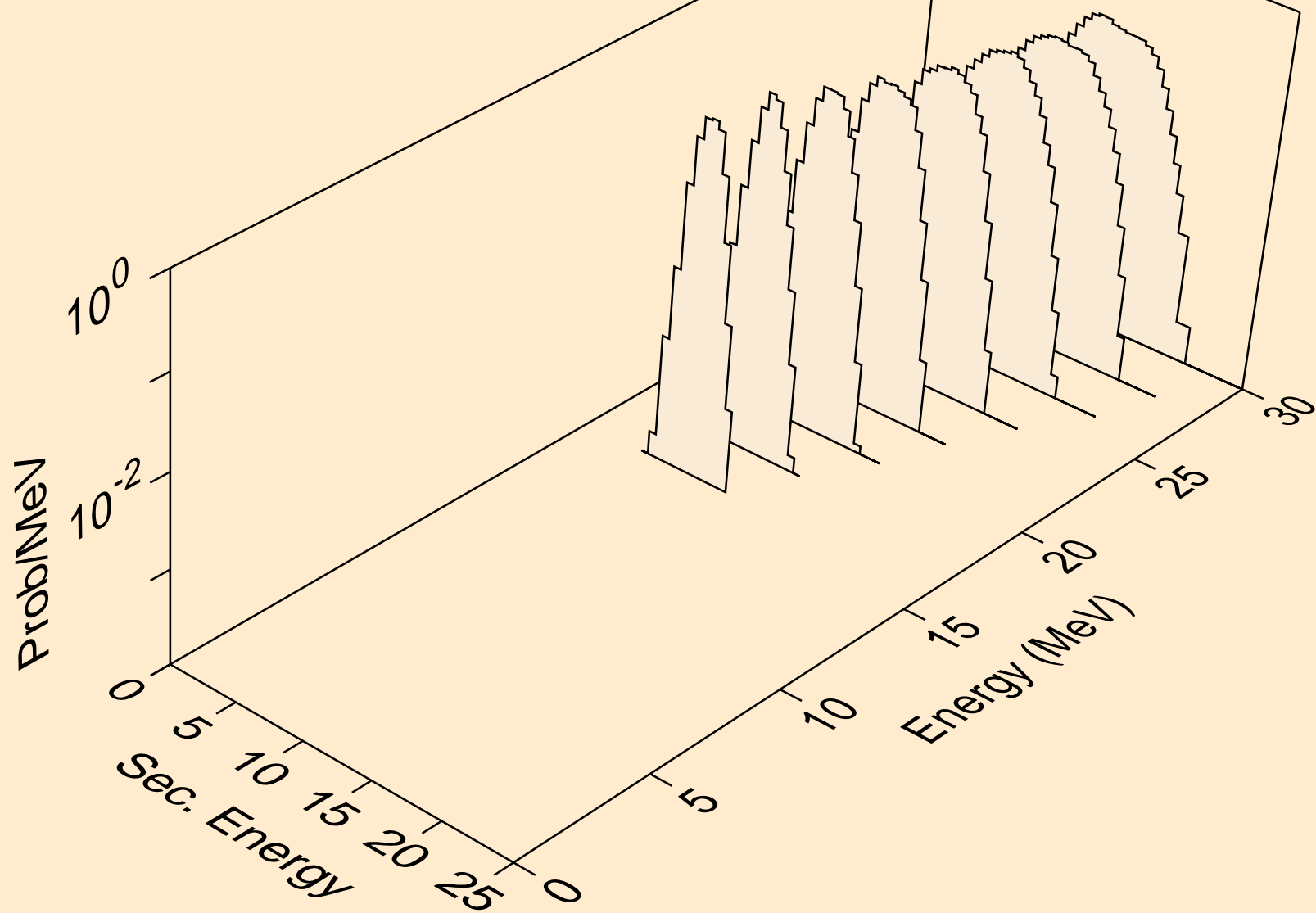
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic

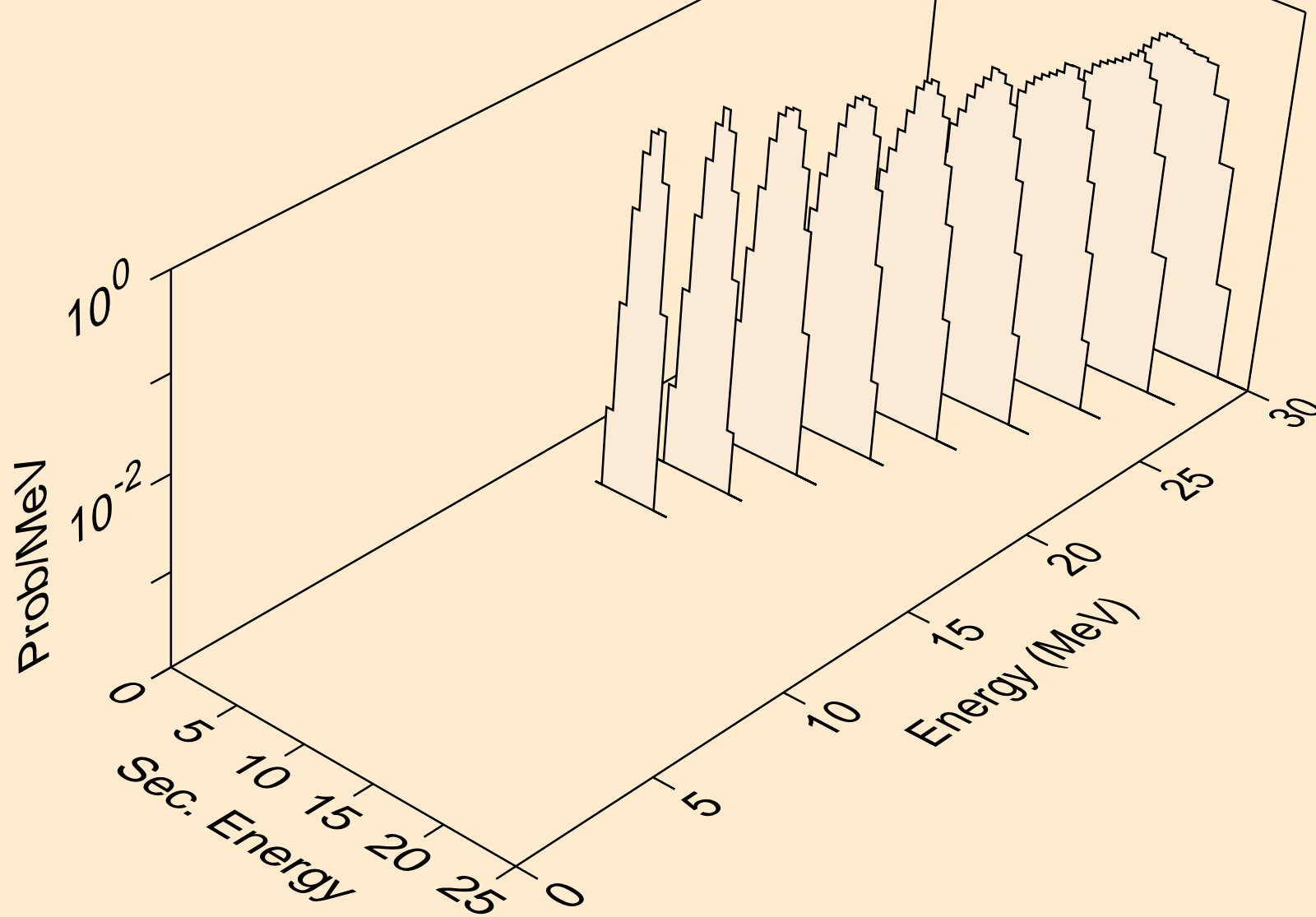


EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)

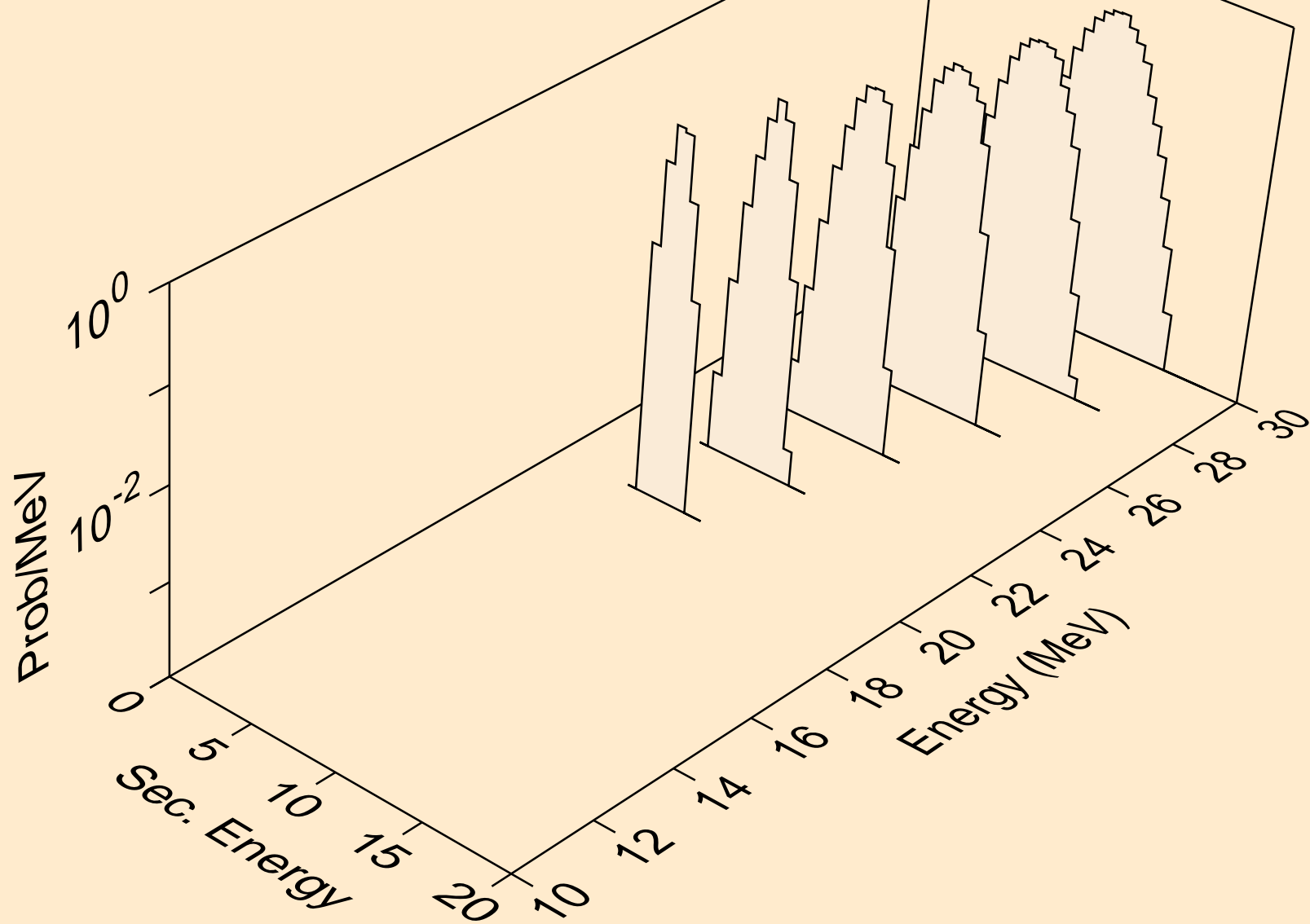


# EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

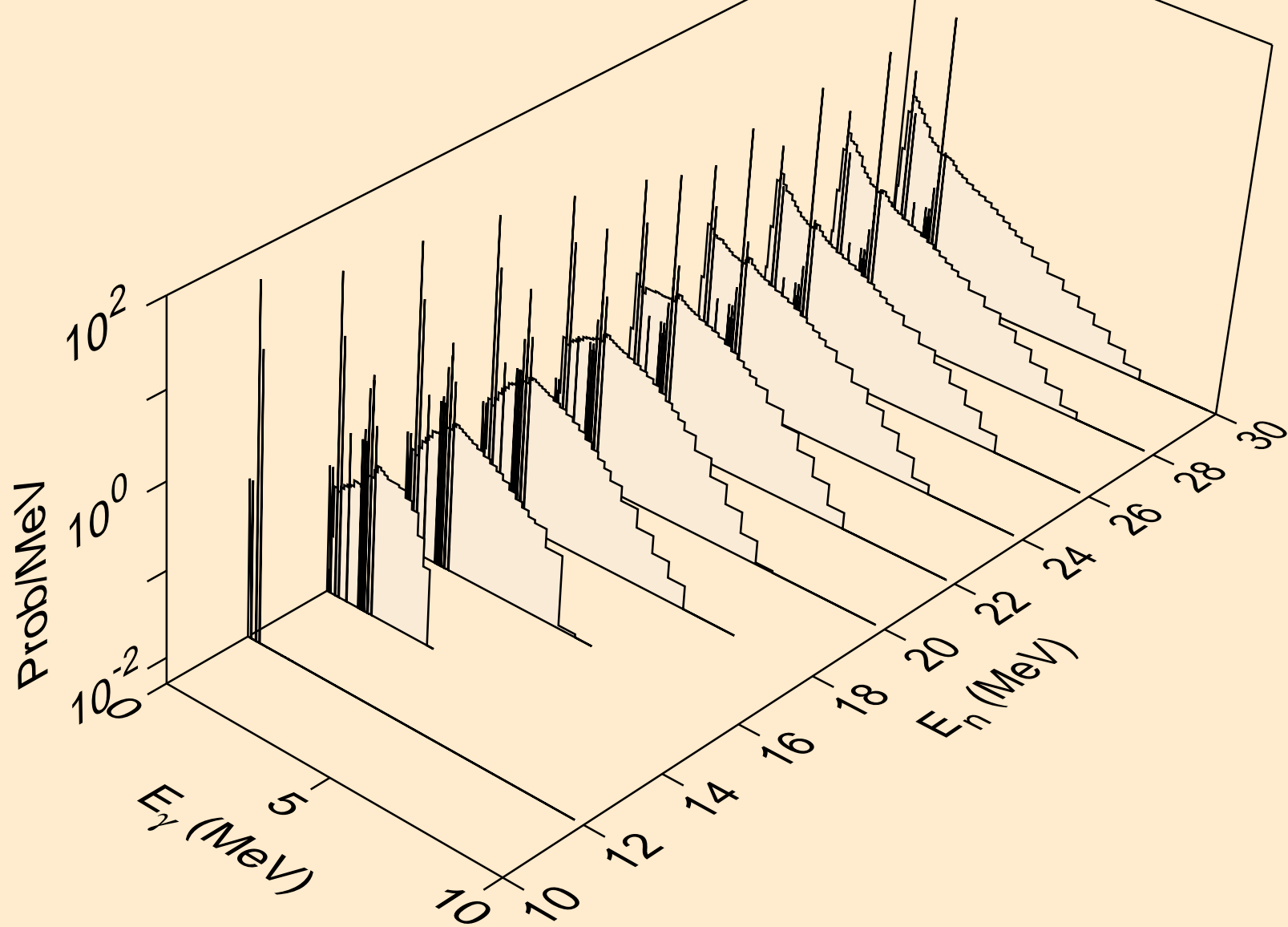
Alpha emission for (a,pa)



EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)

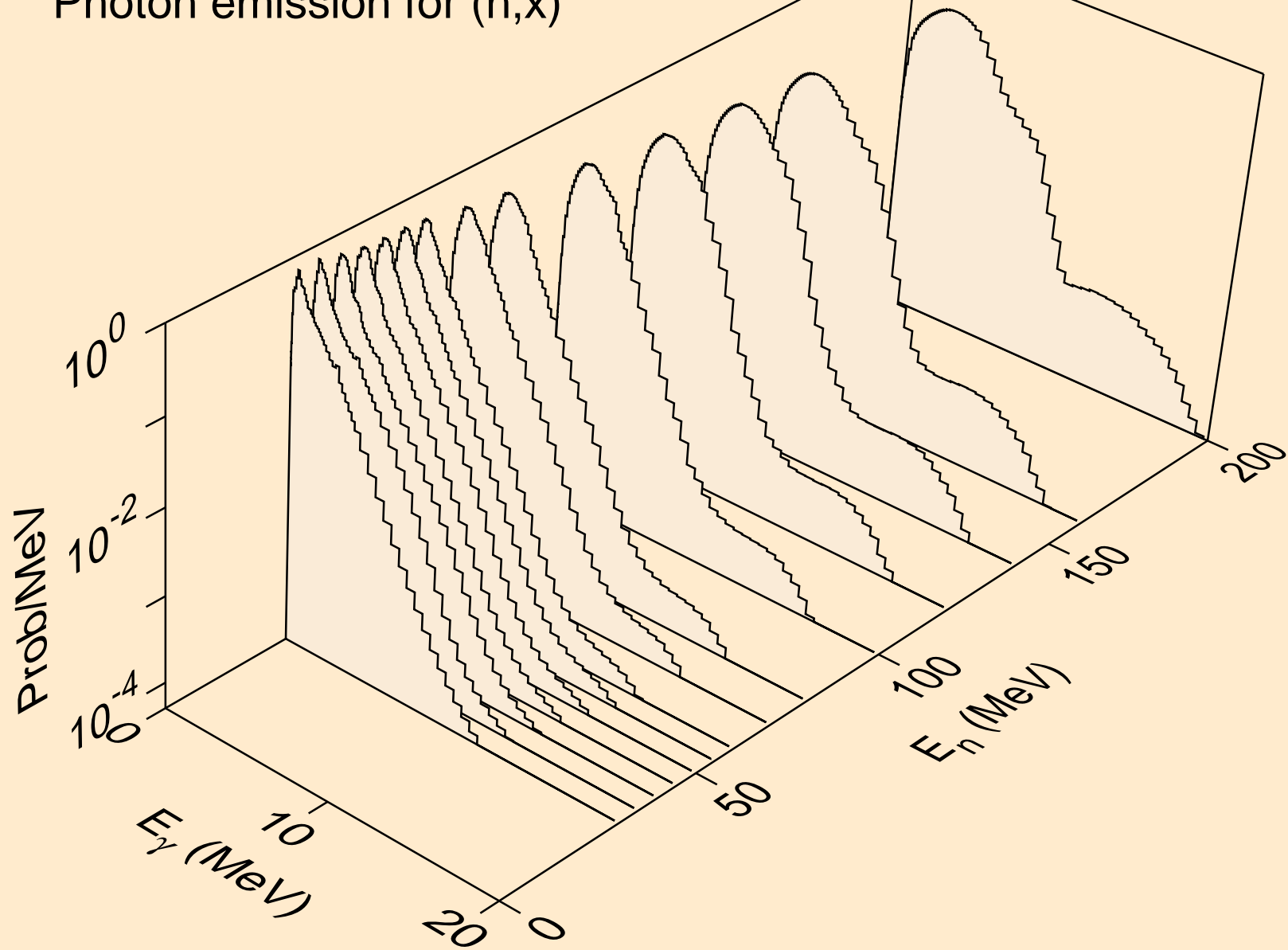


EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)

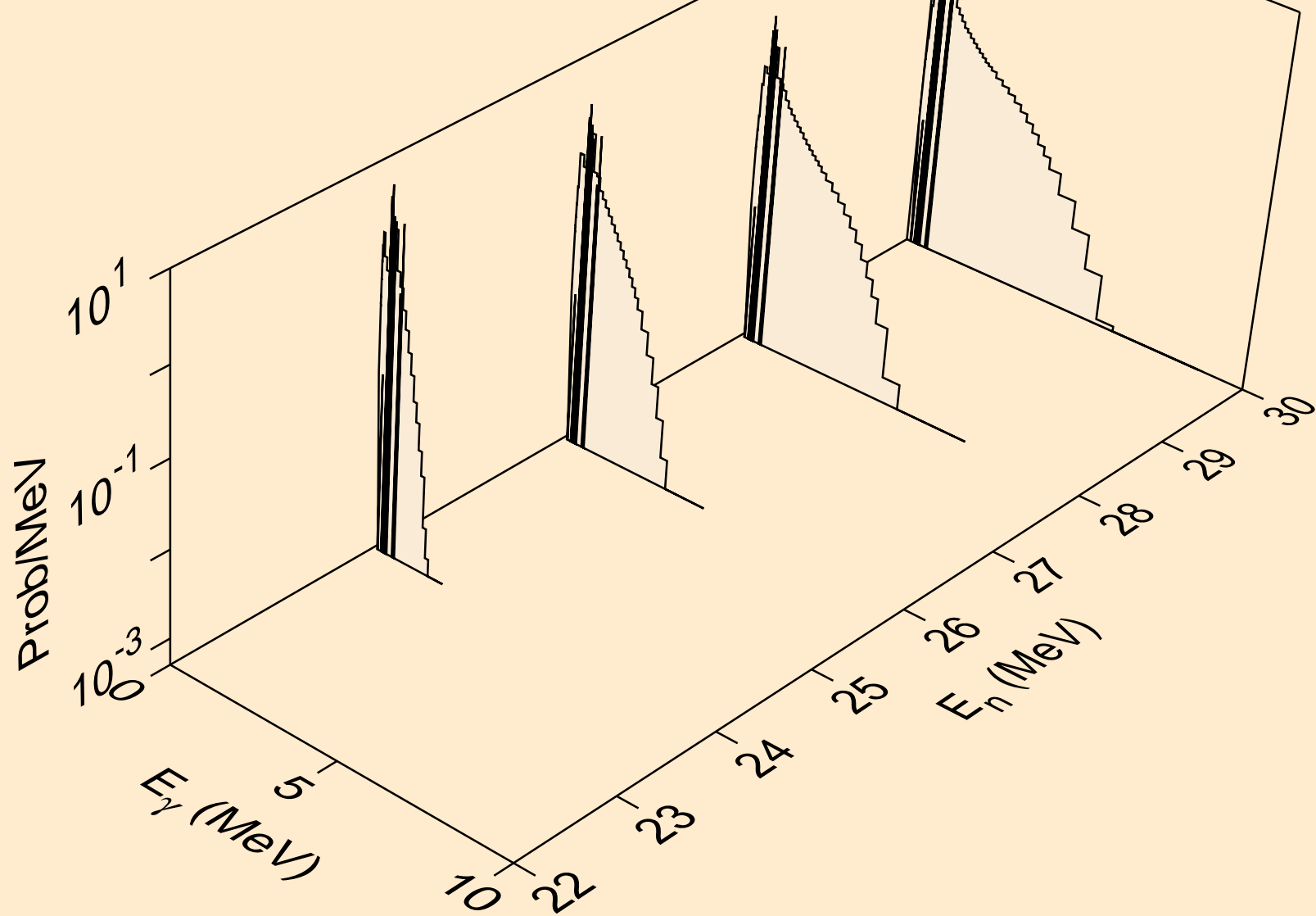




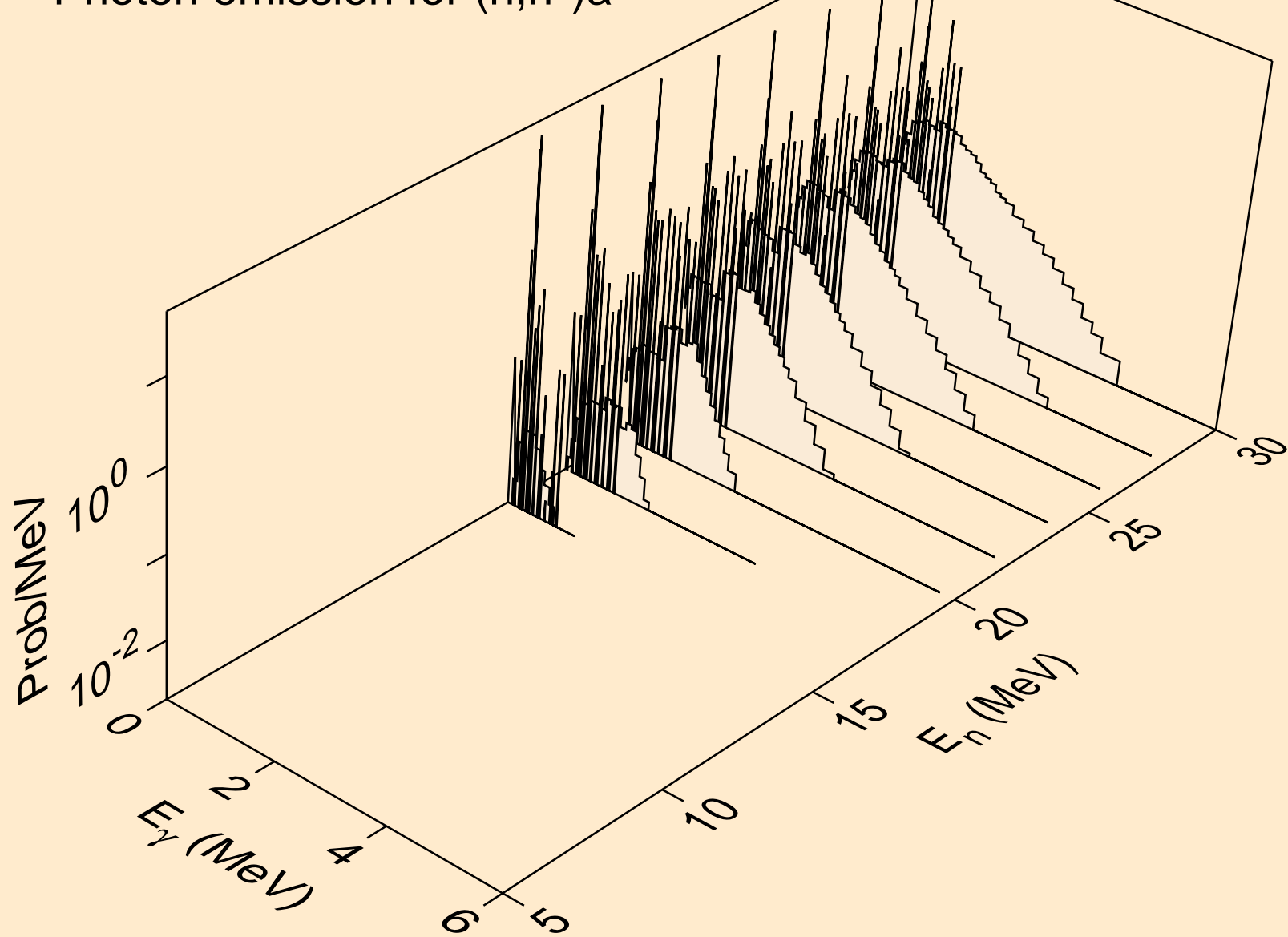
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



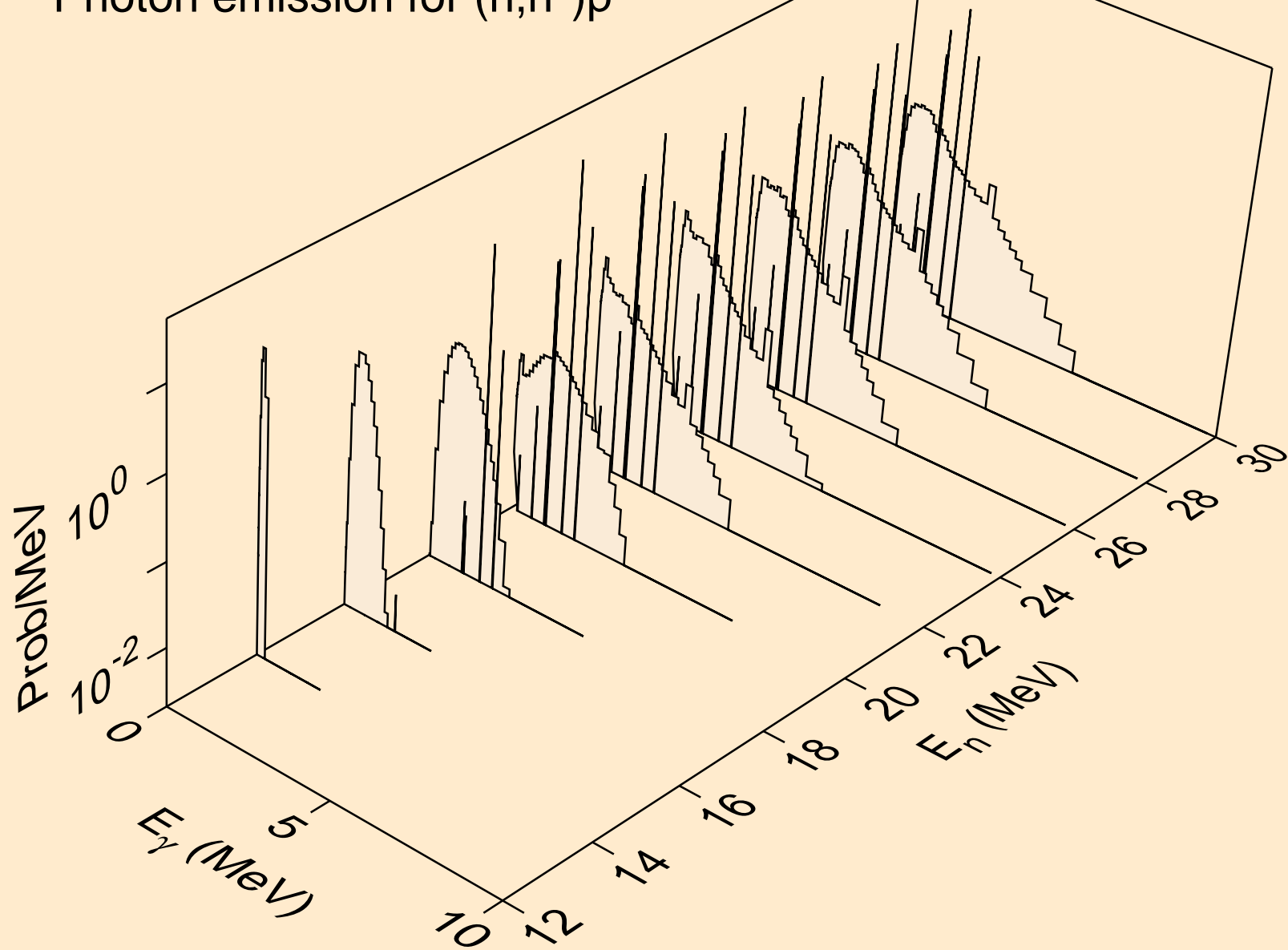
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



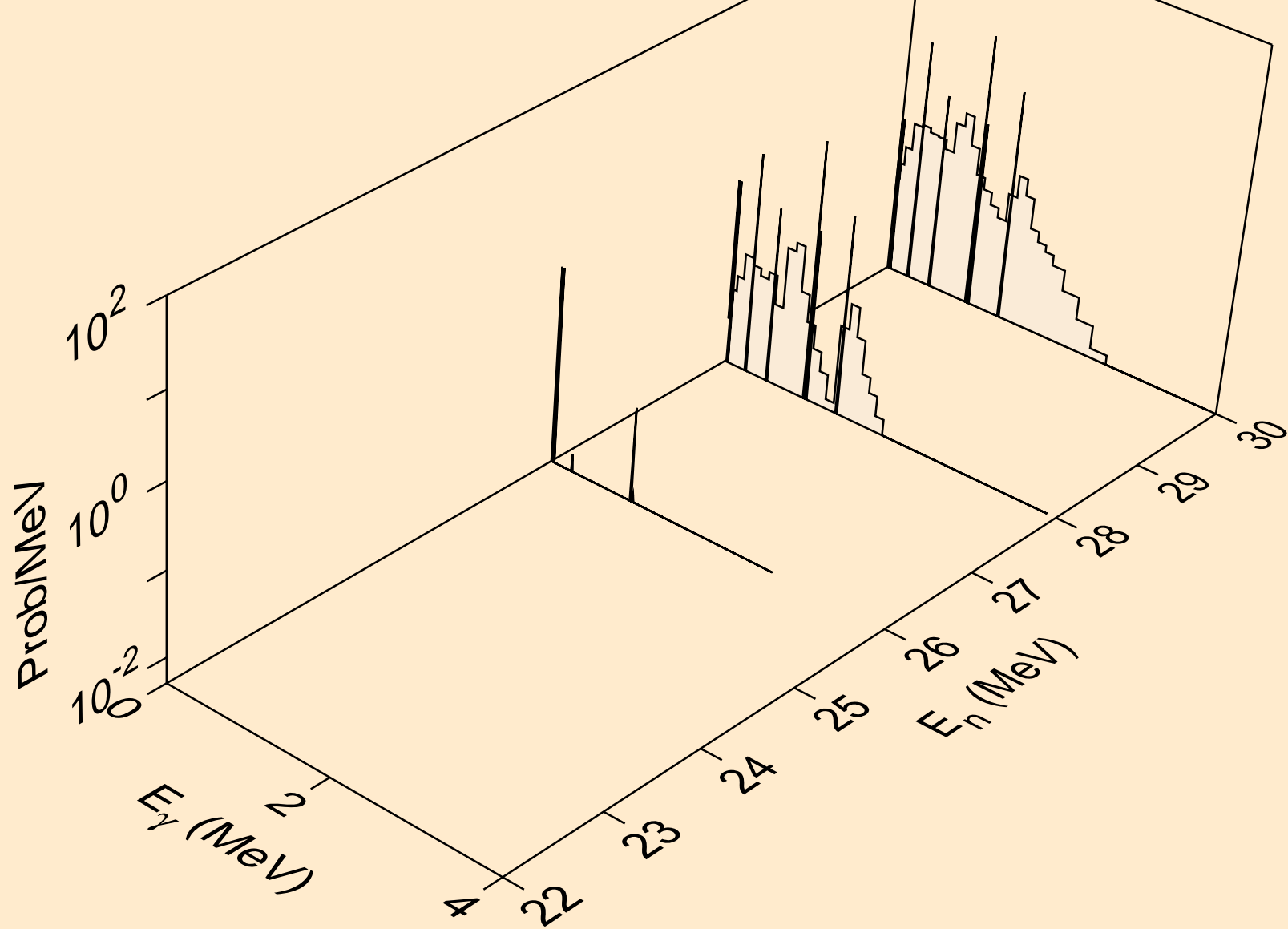
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



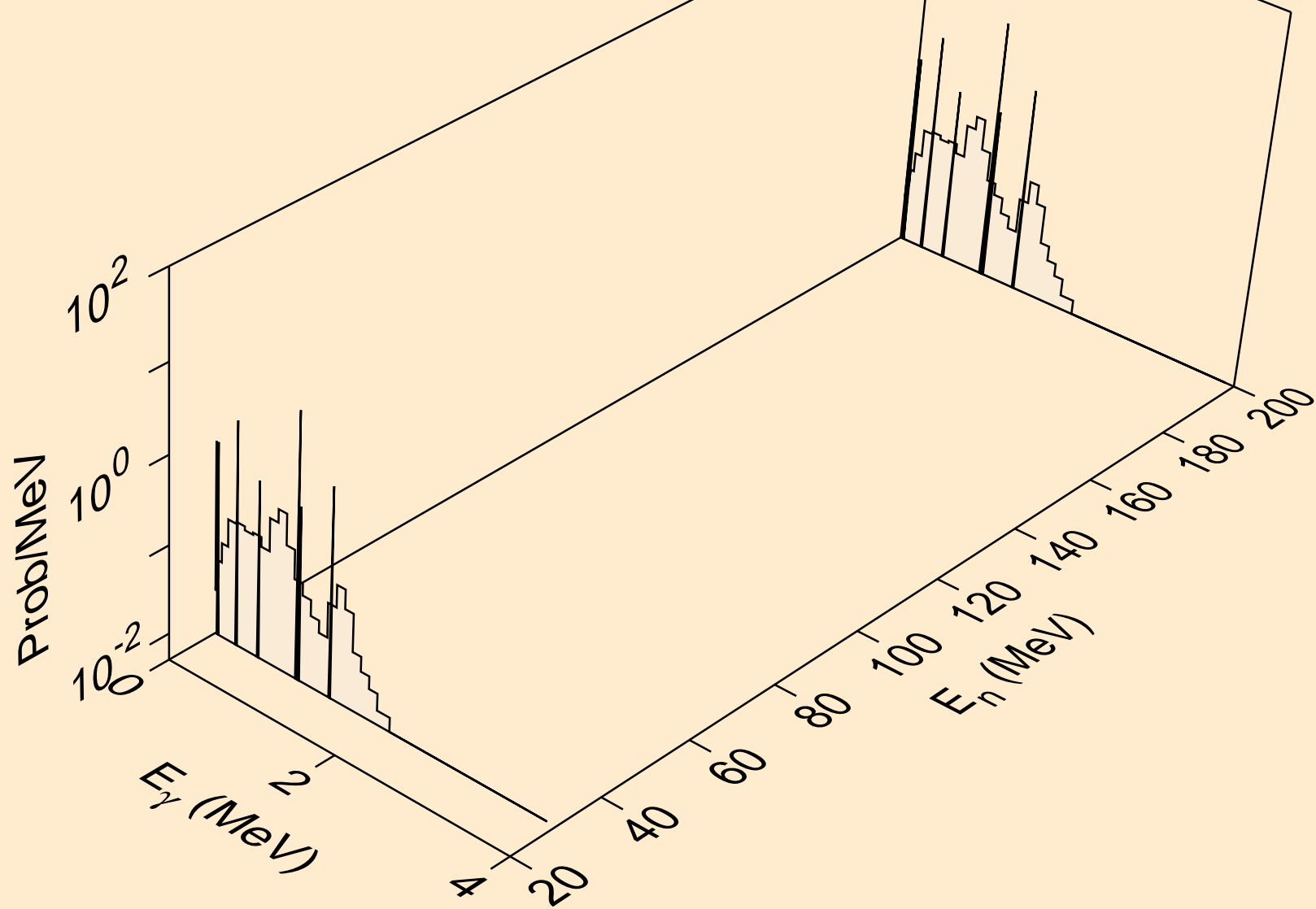
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



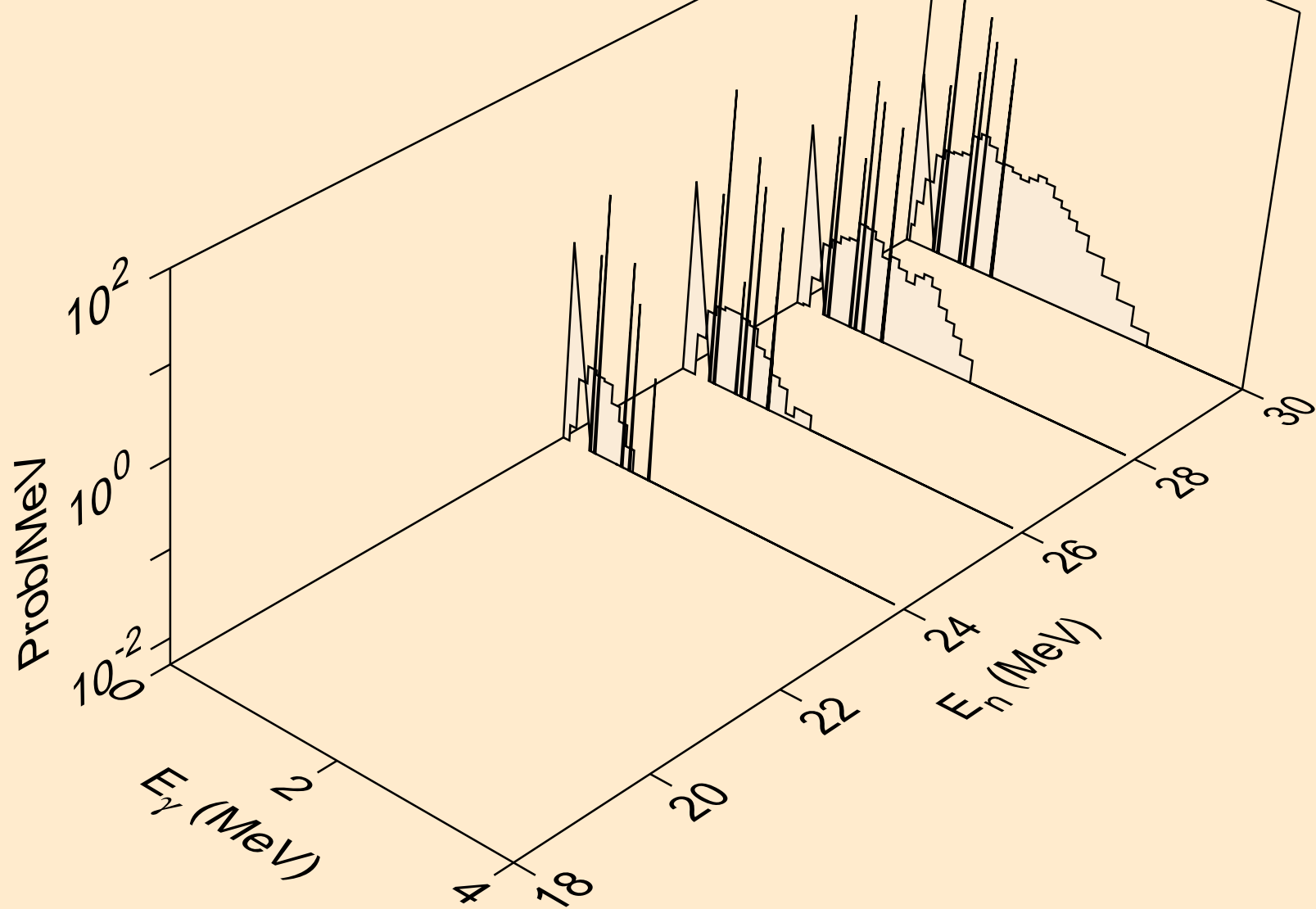
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



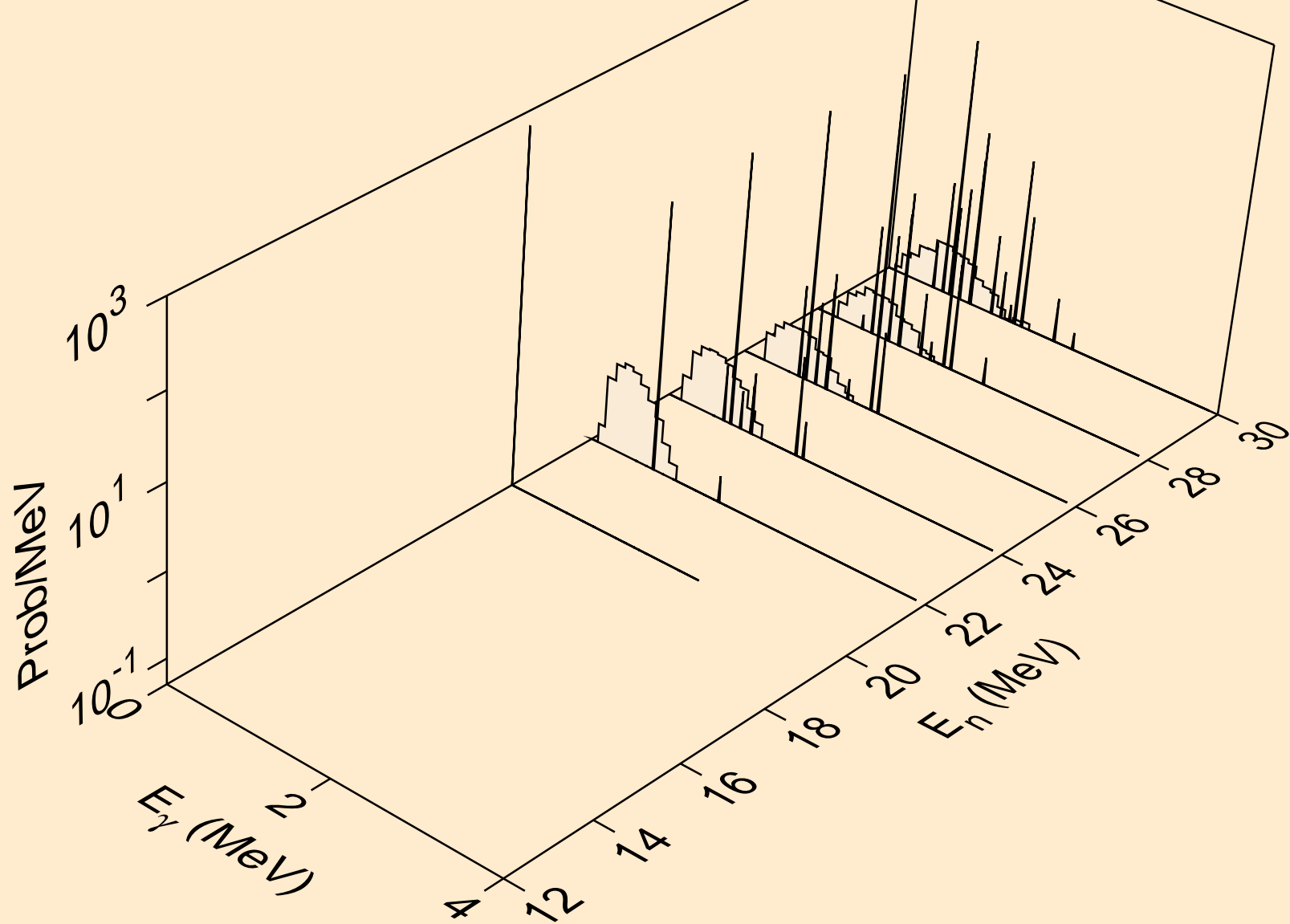
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

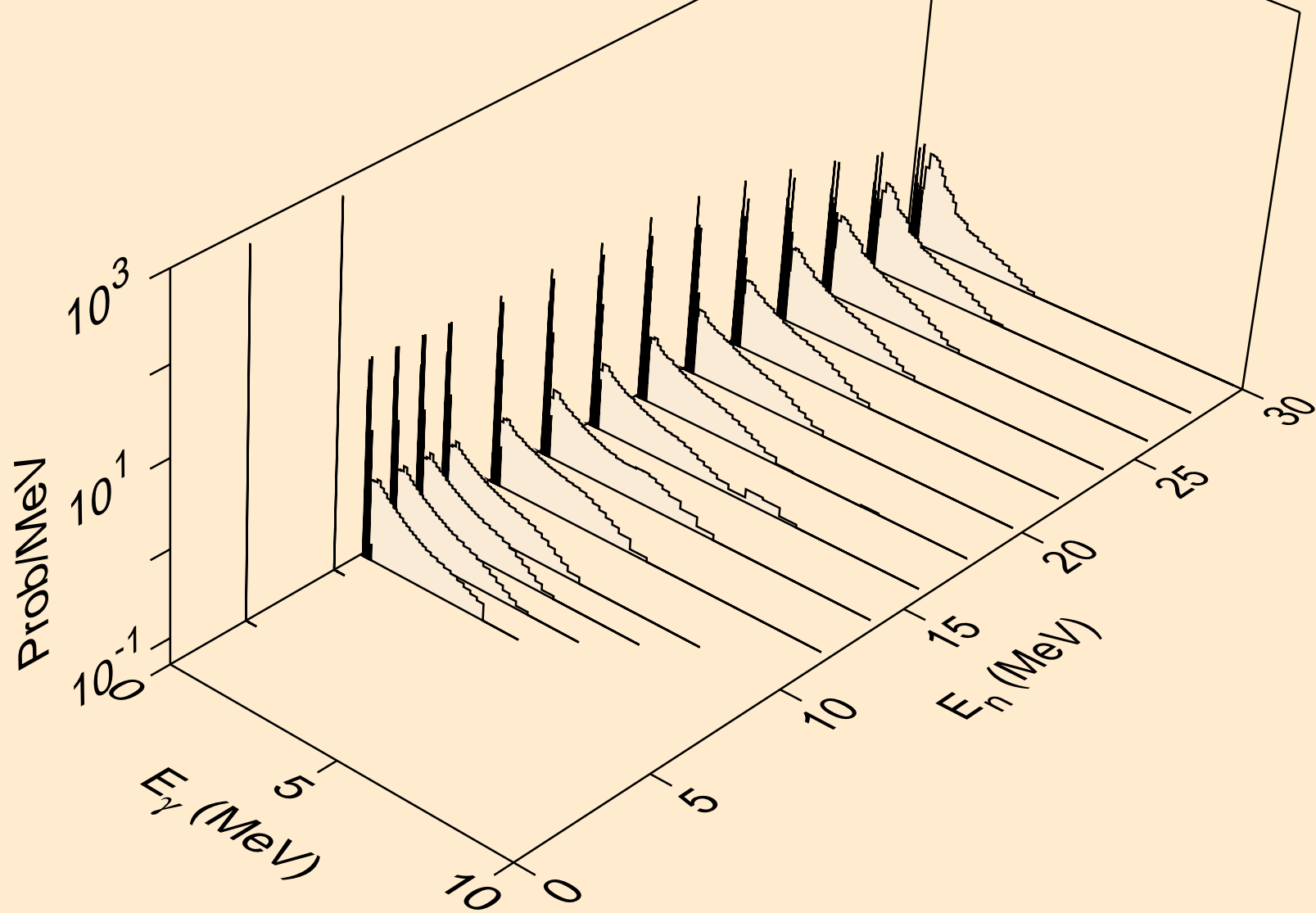


EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

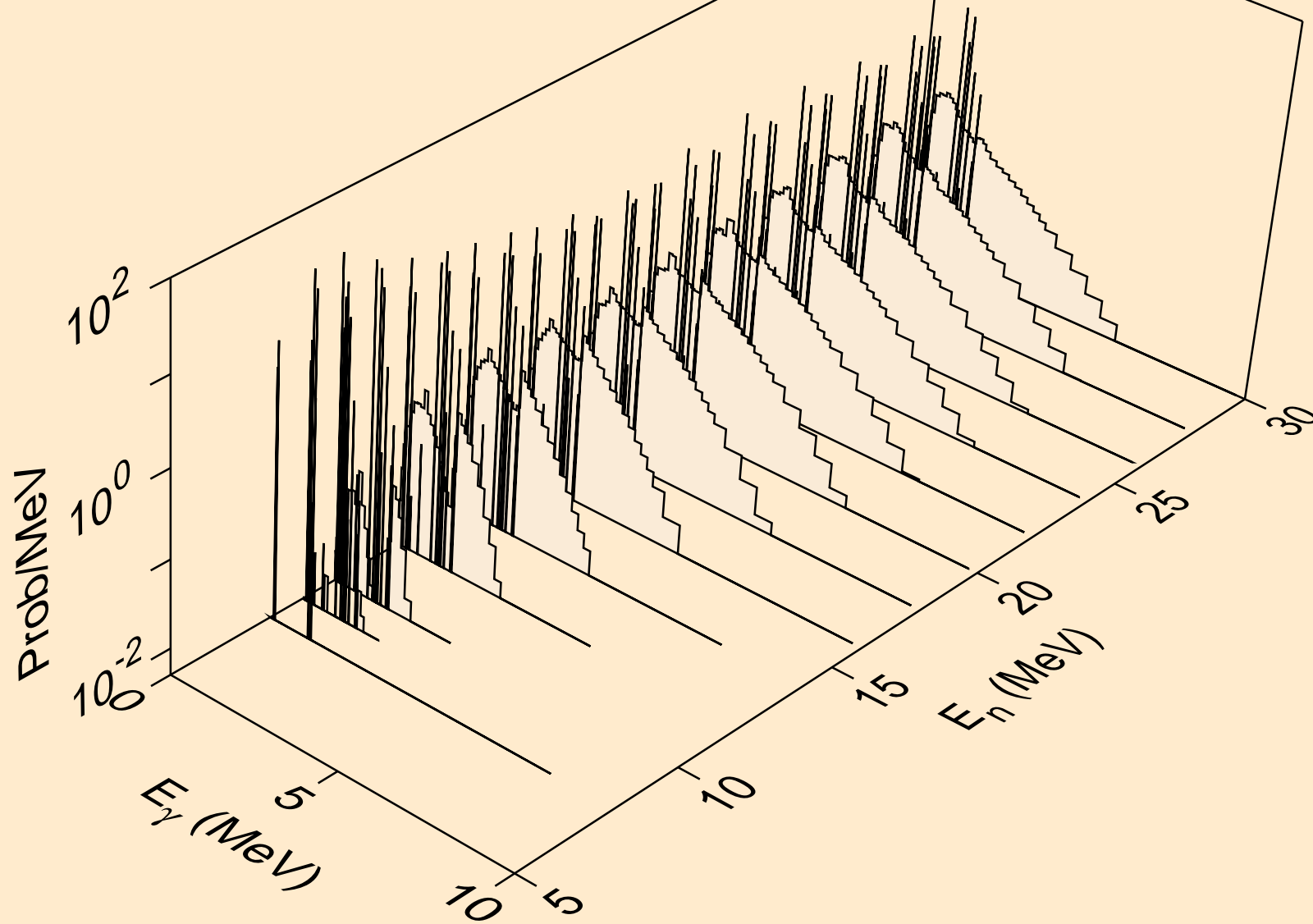




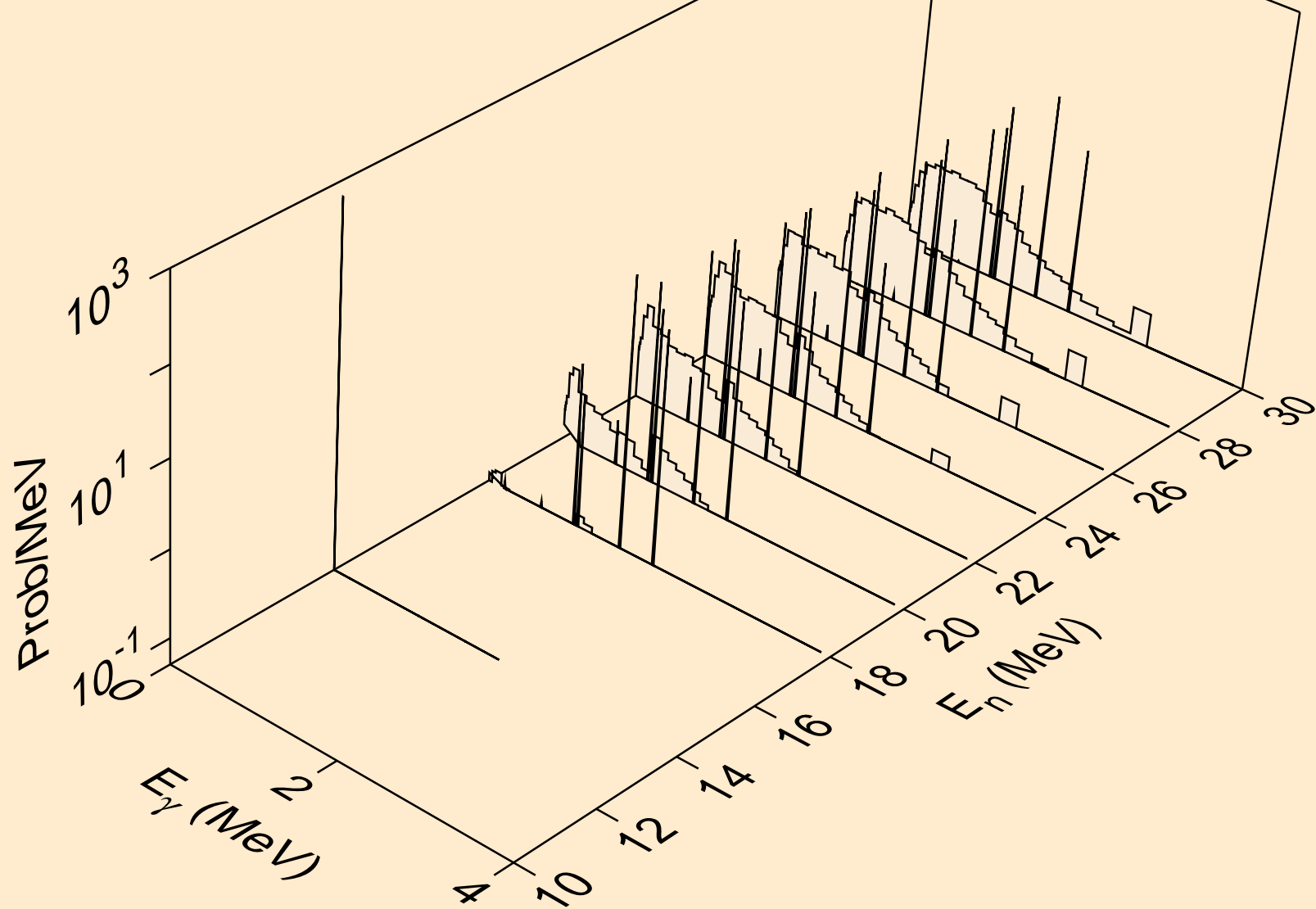
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



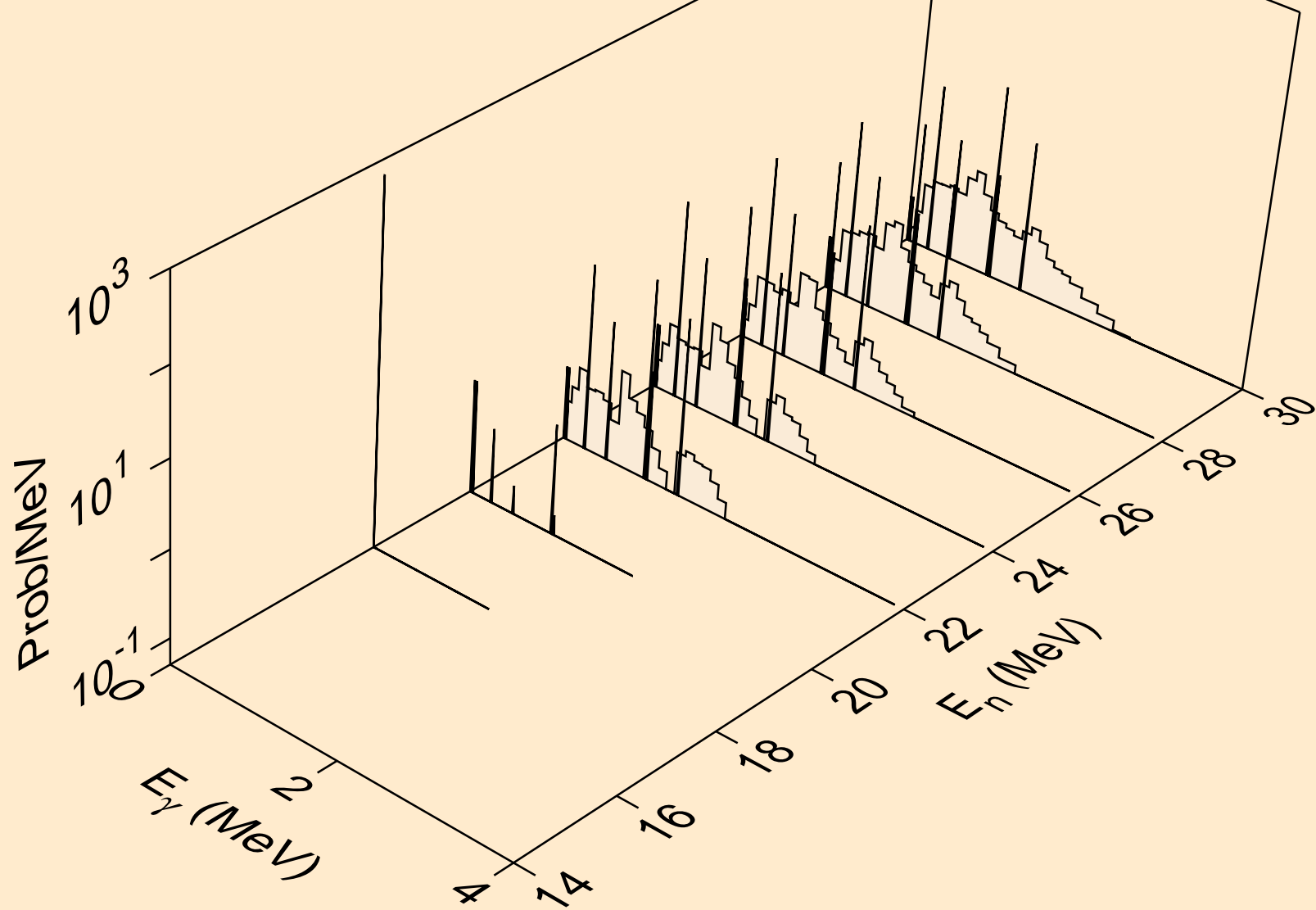
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



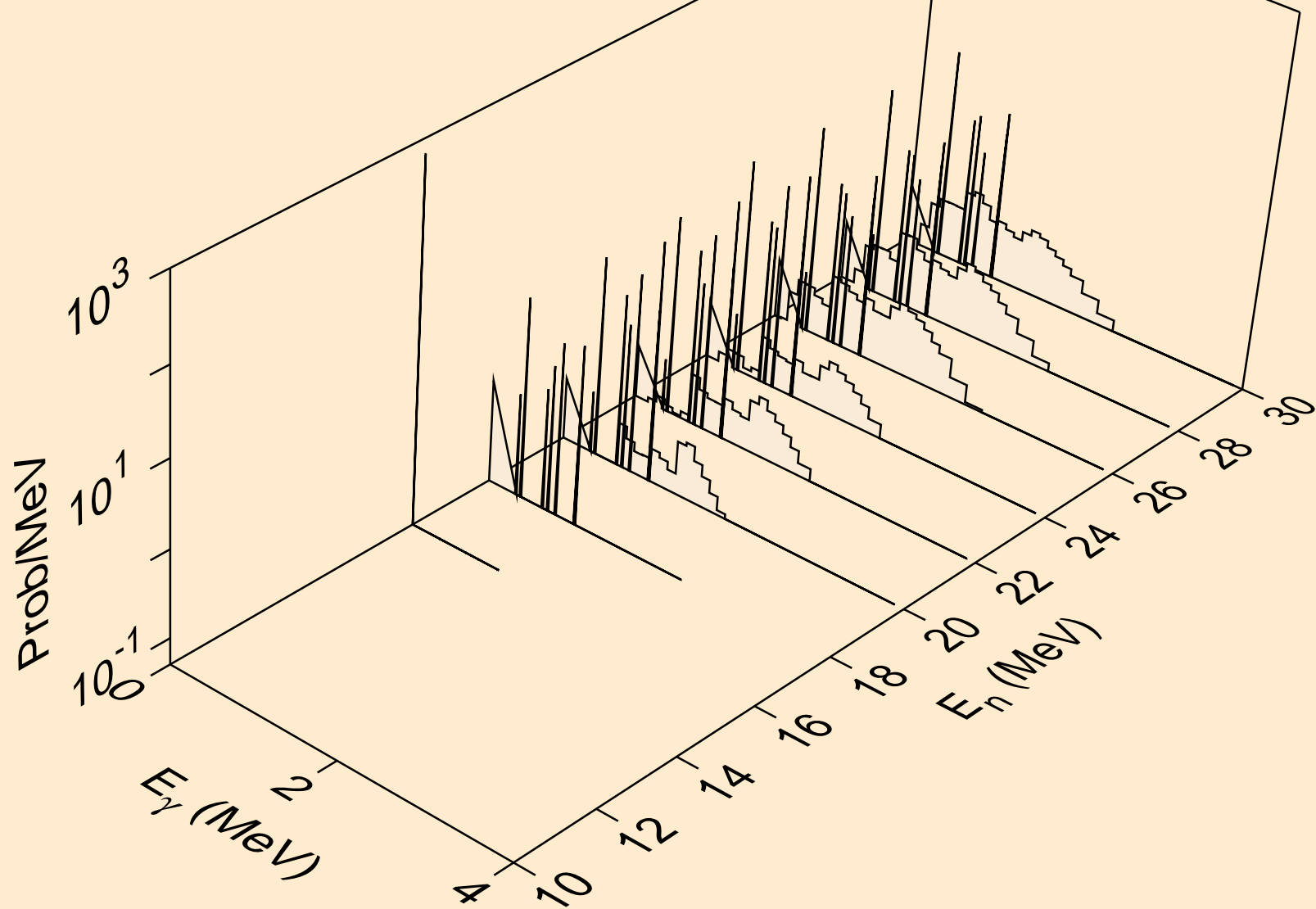
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



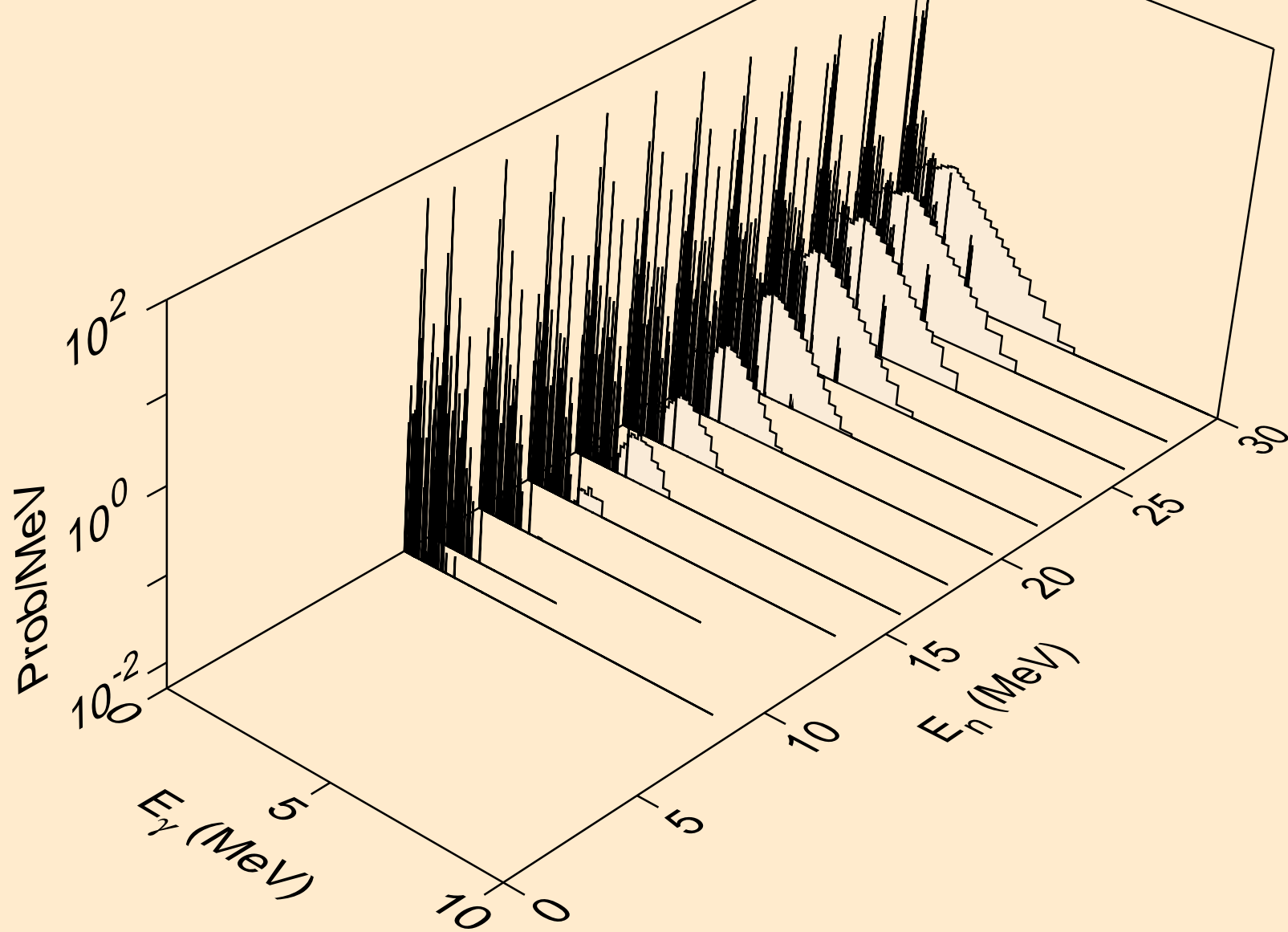
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



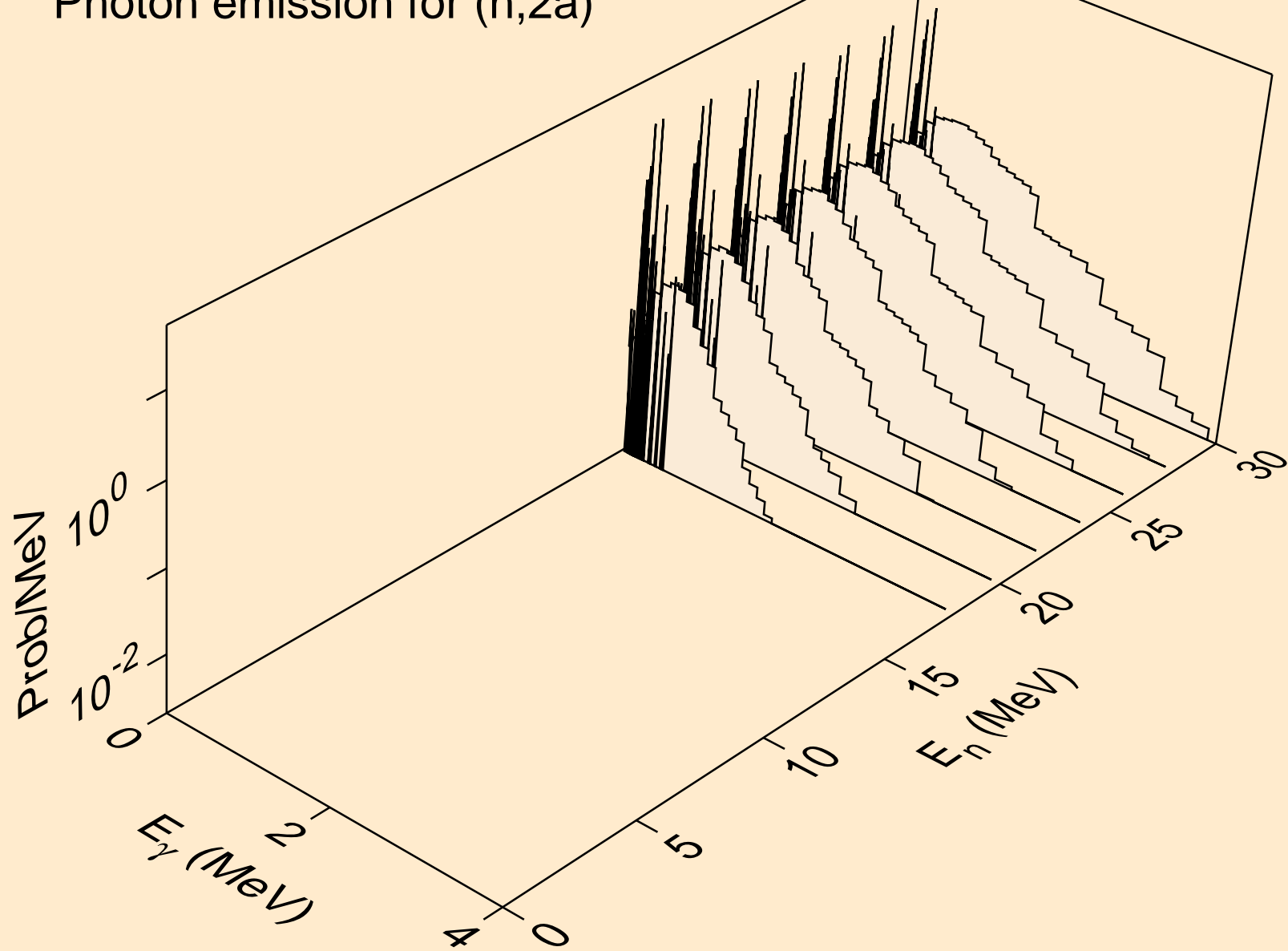
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



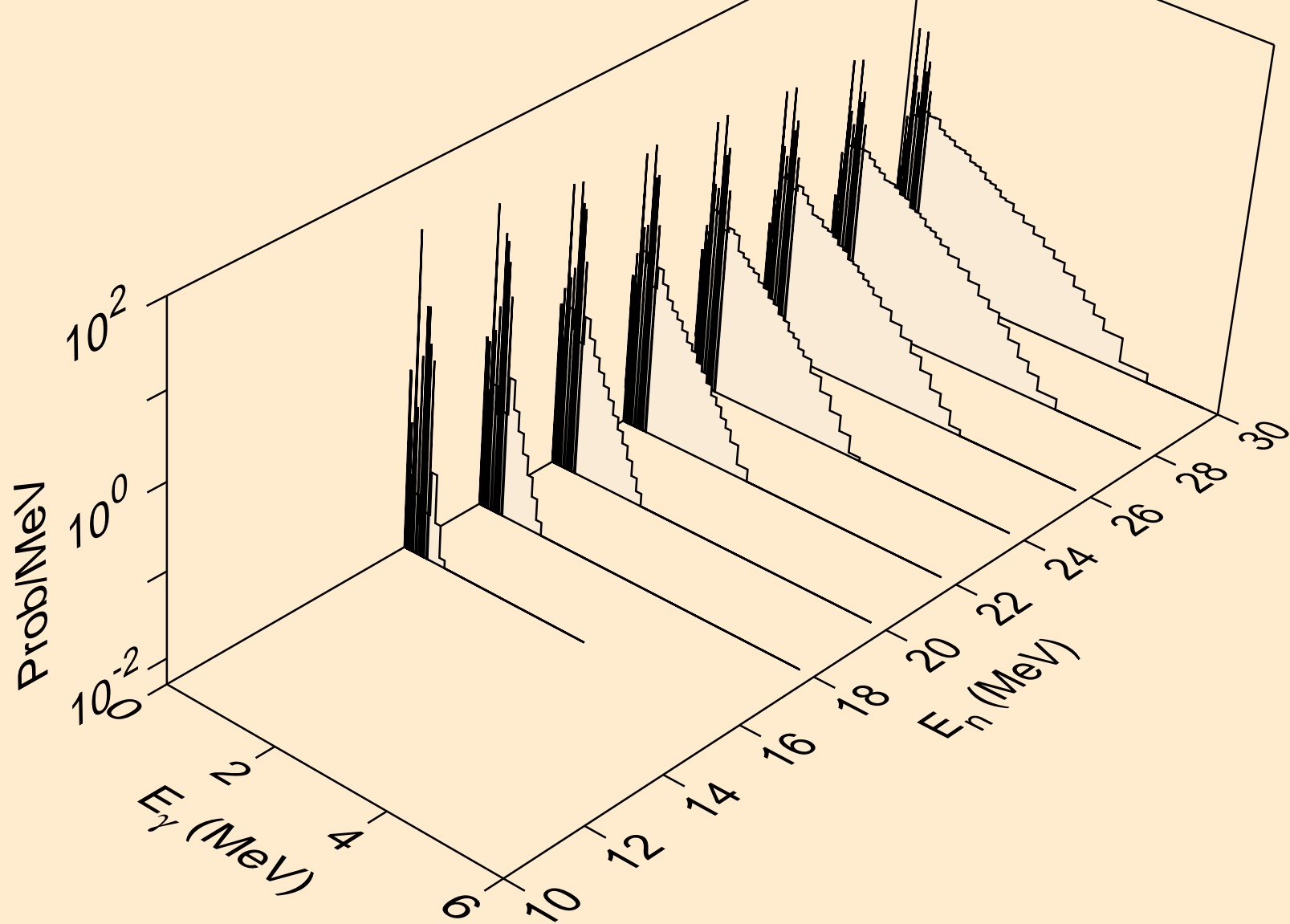
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)

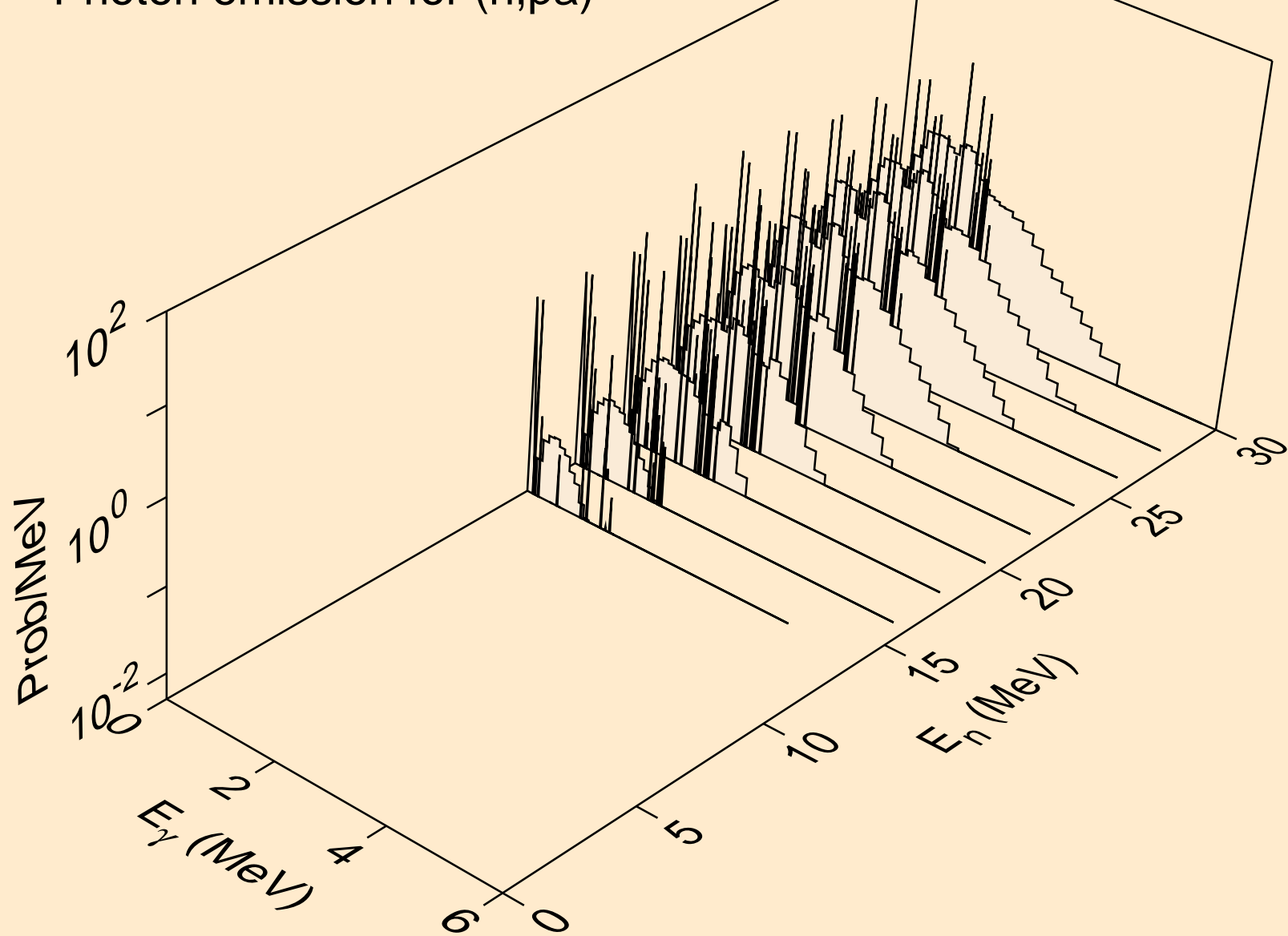


EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

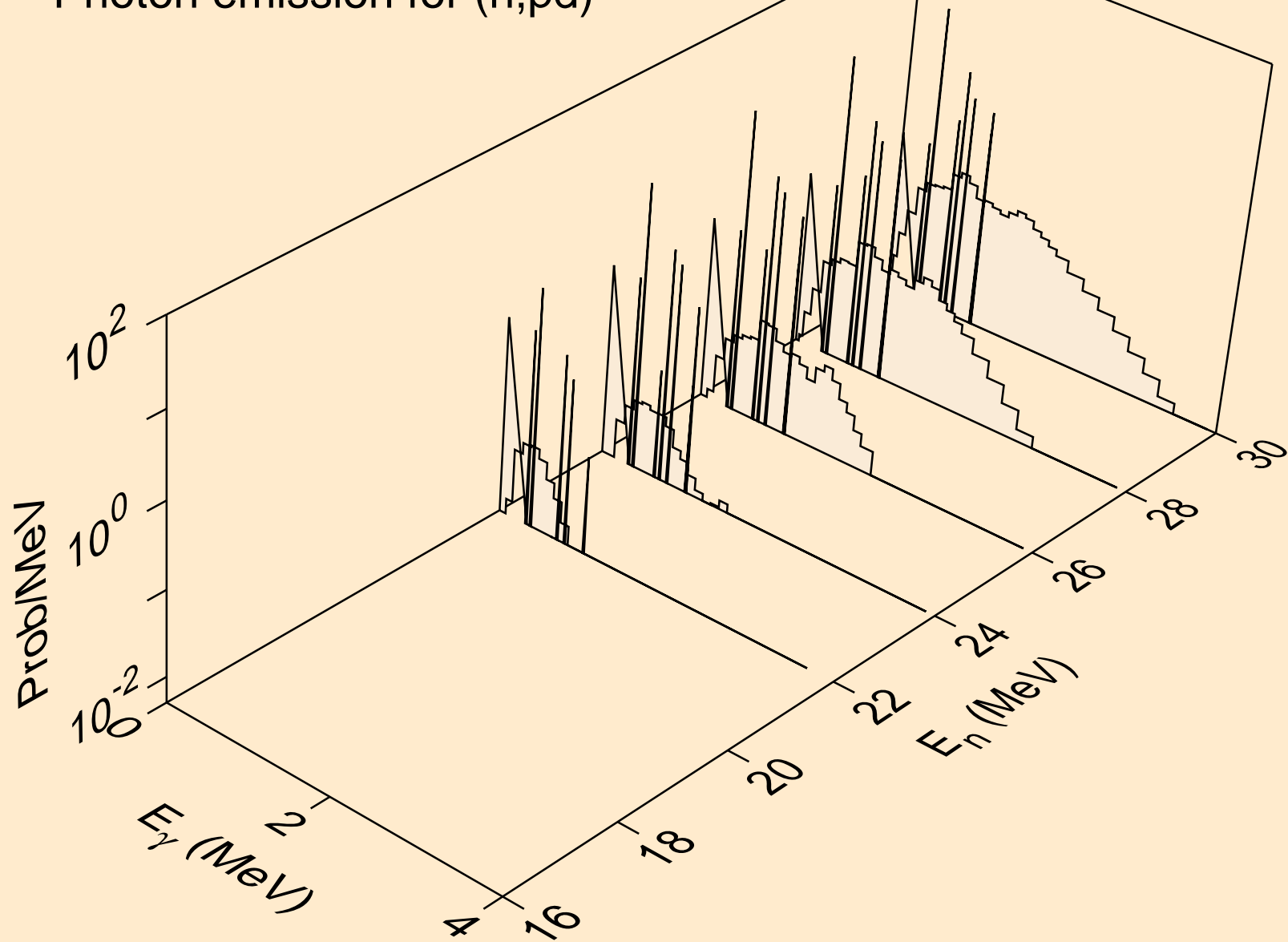




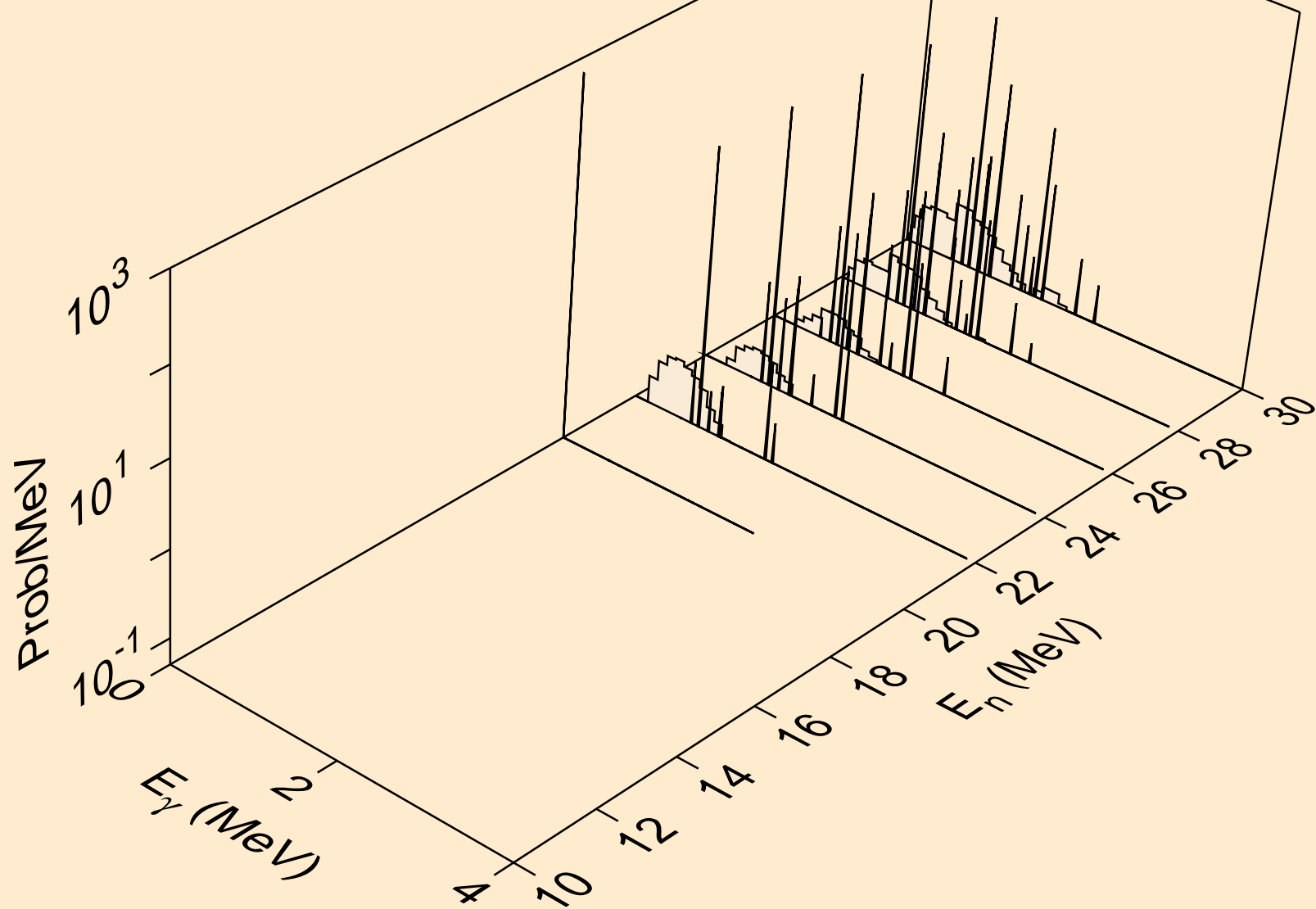
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

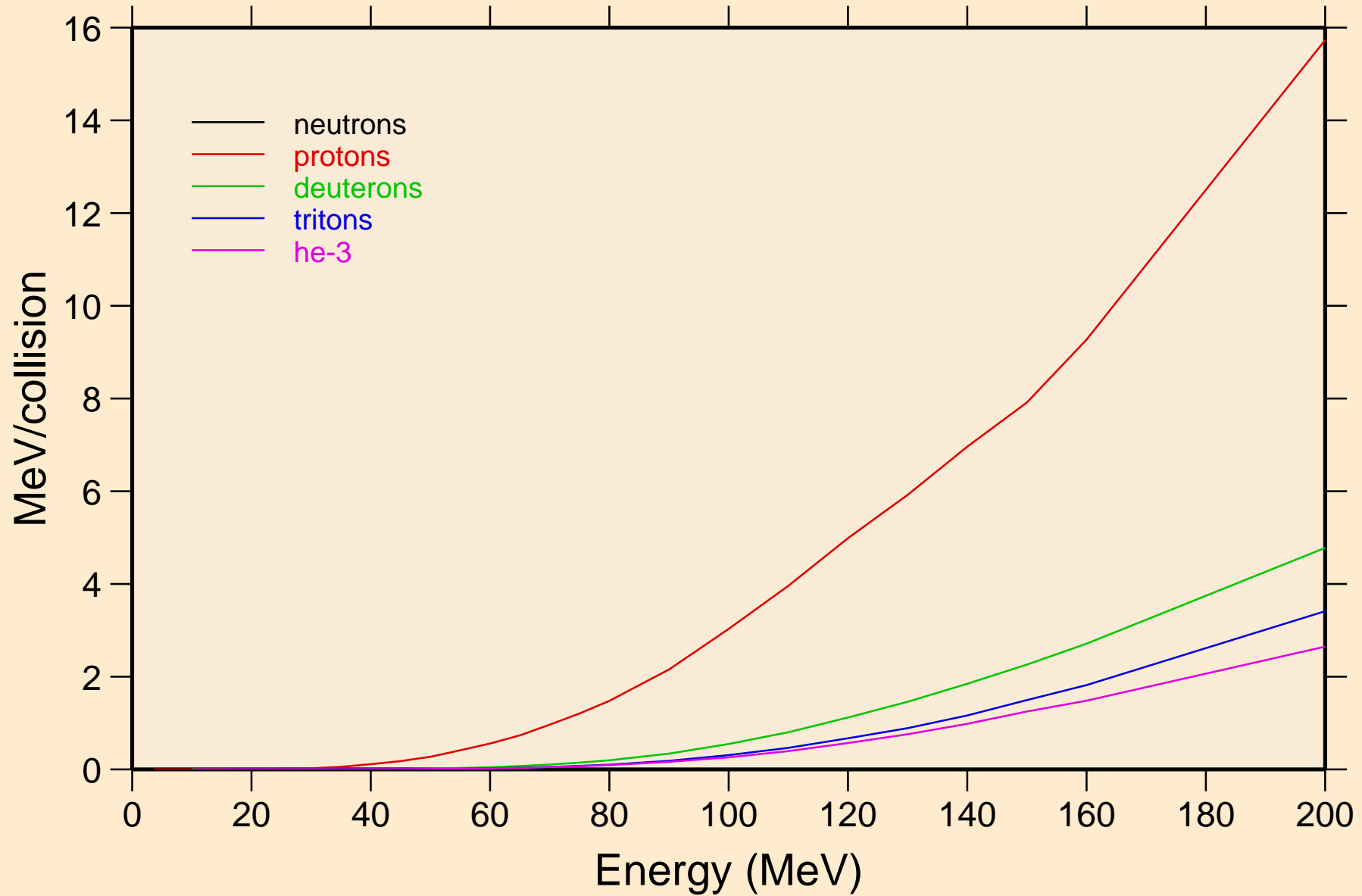


EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

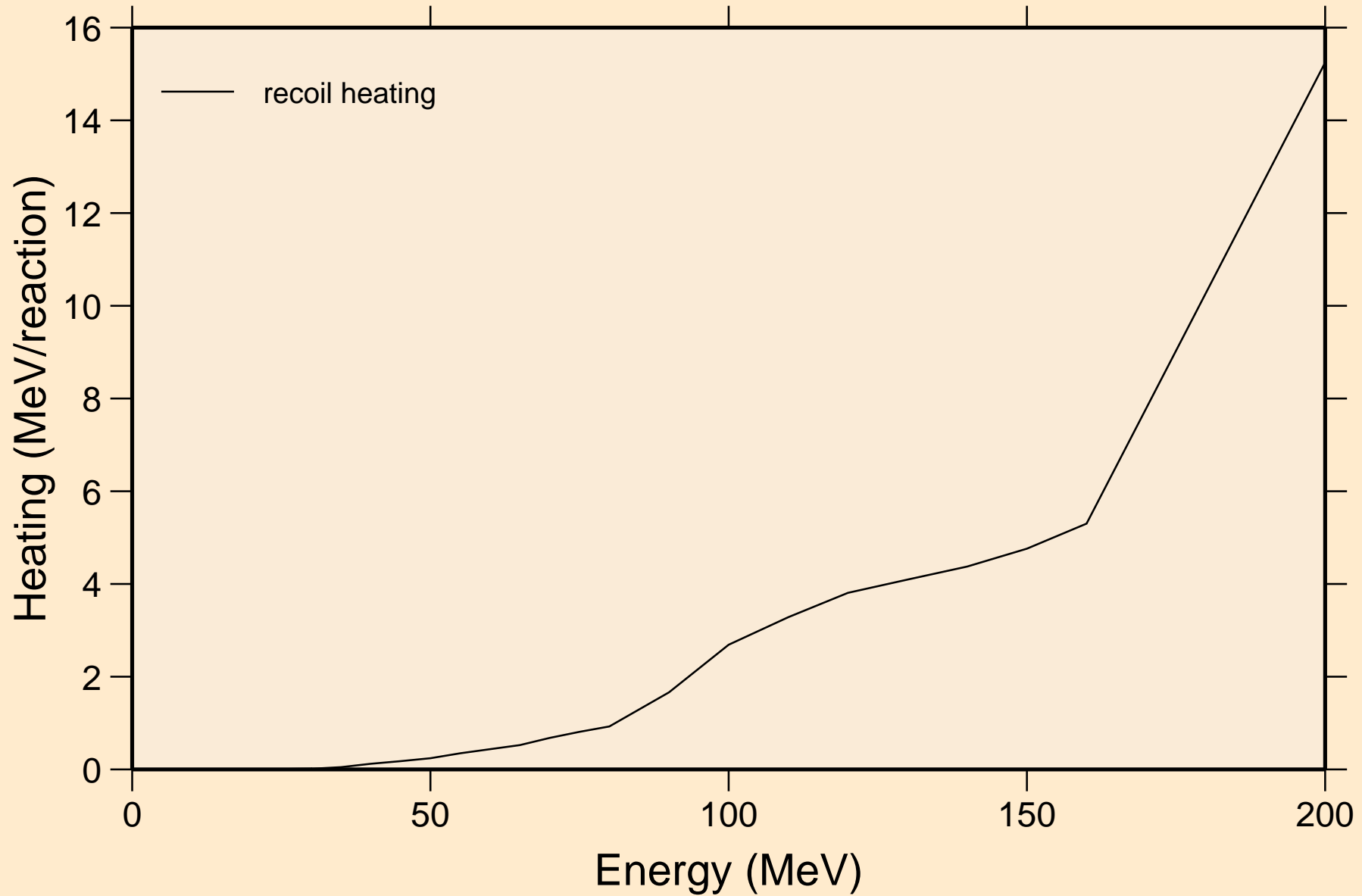


# EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

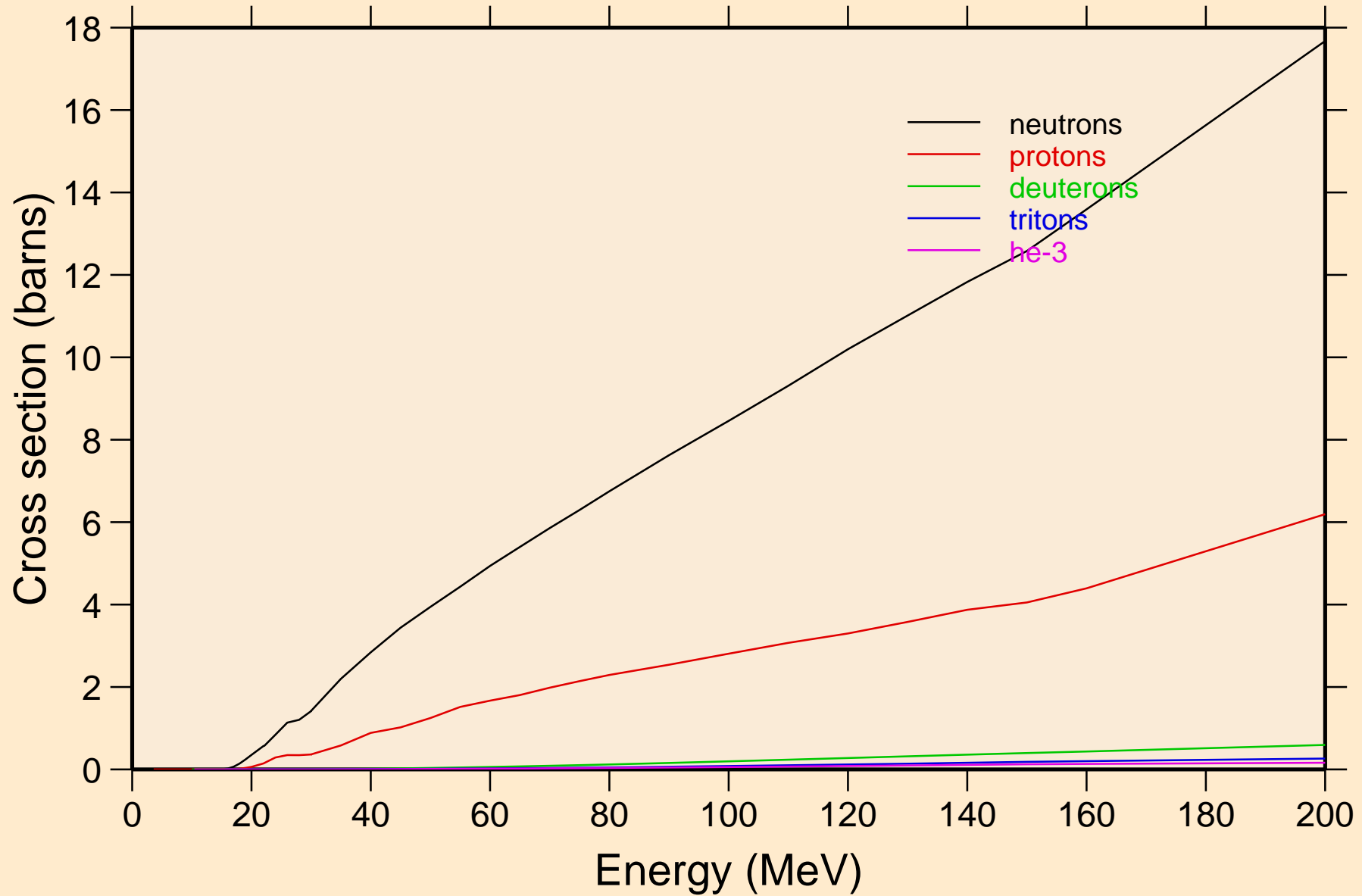
## Particle heating contributions



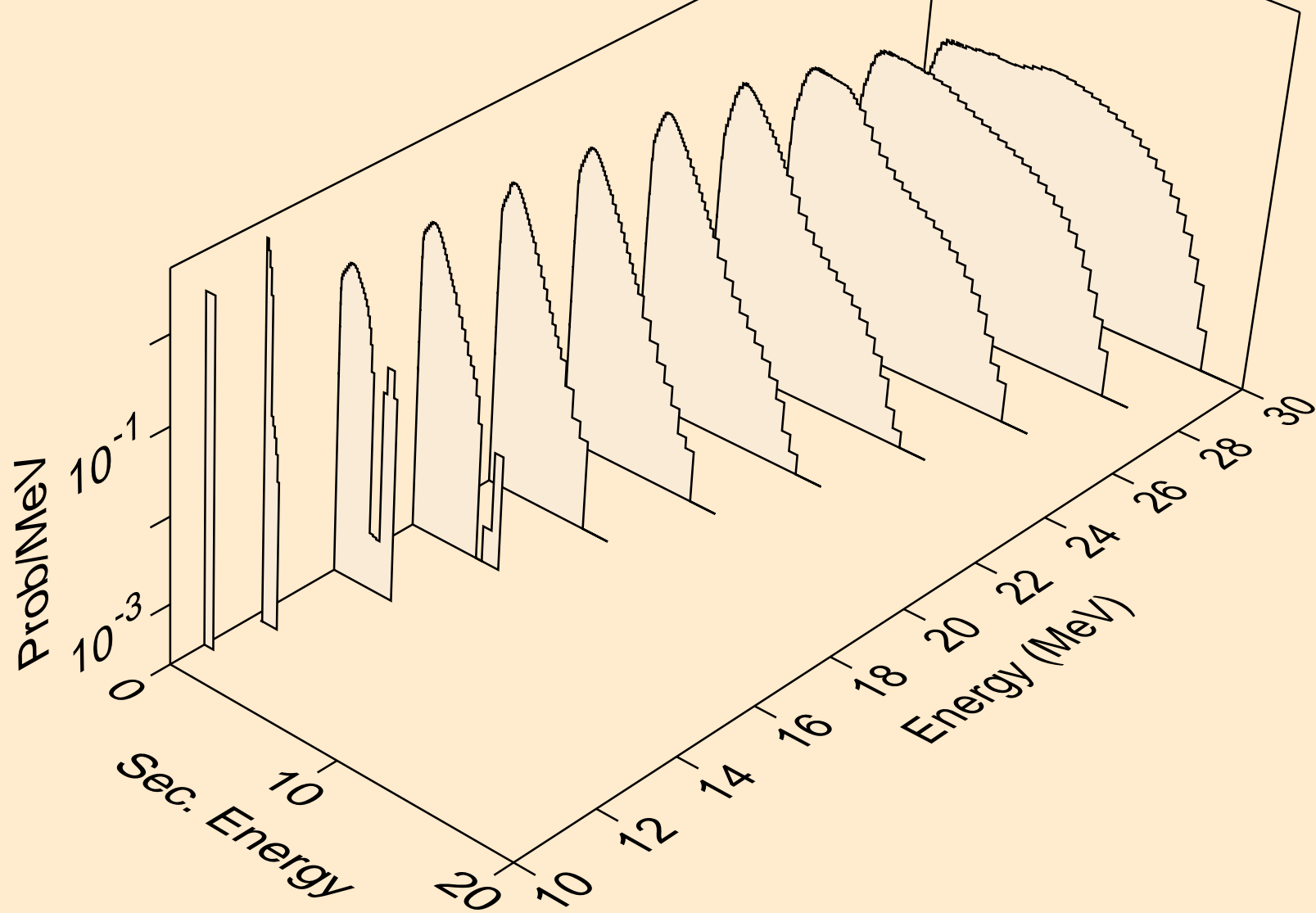
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating



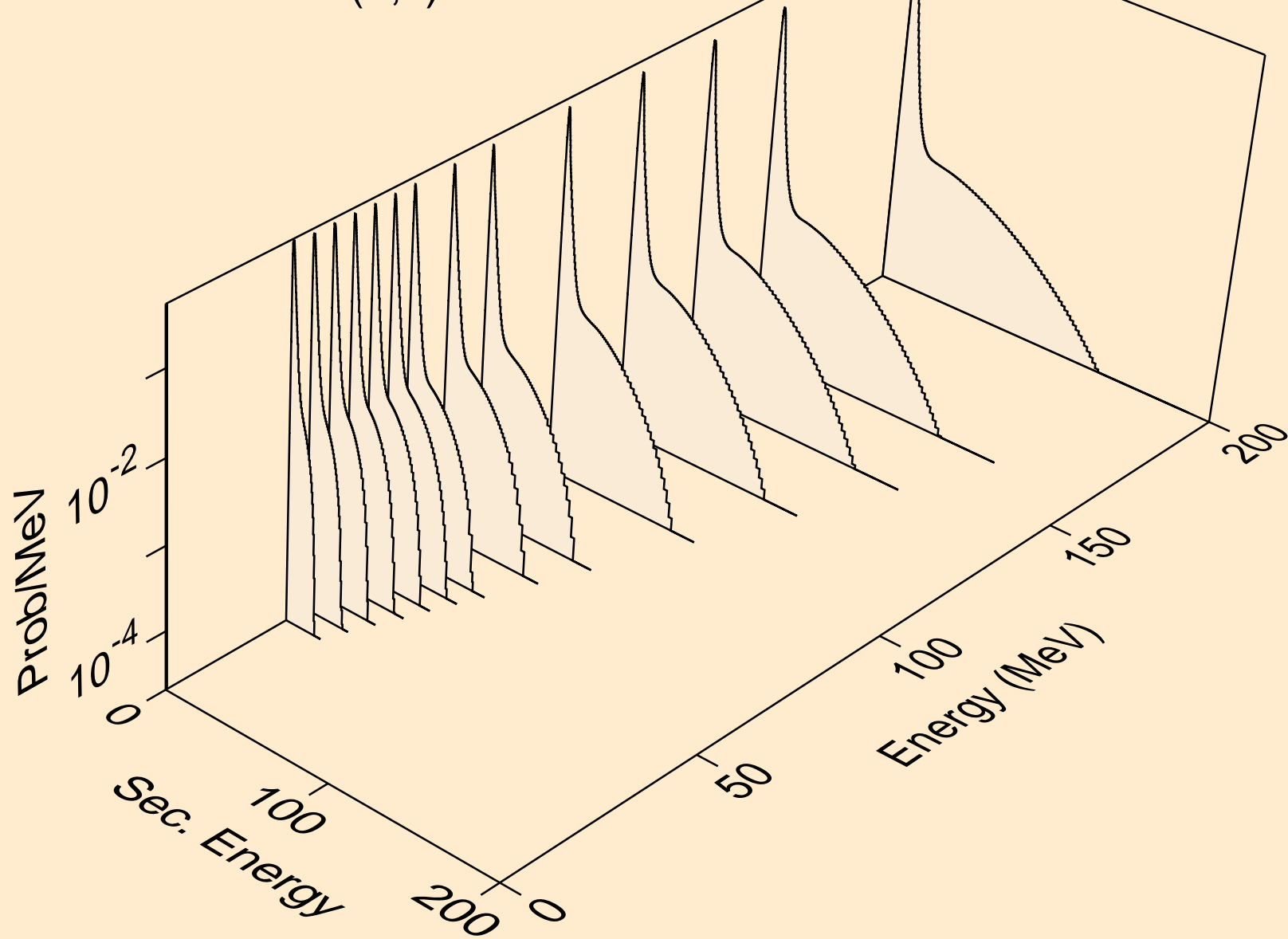
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)

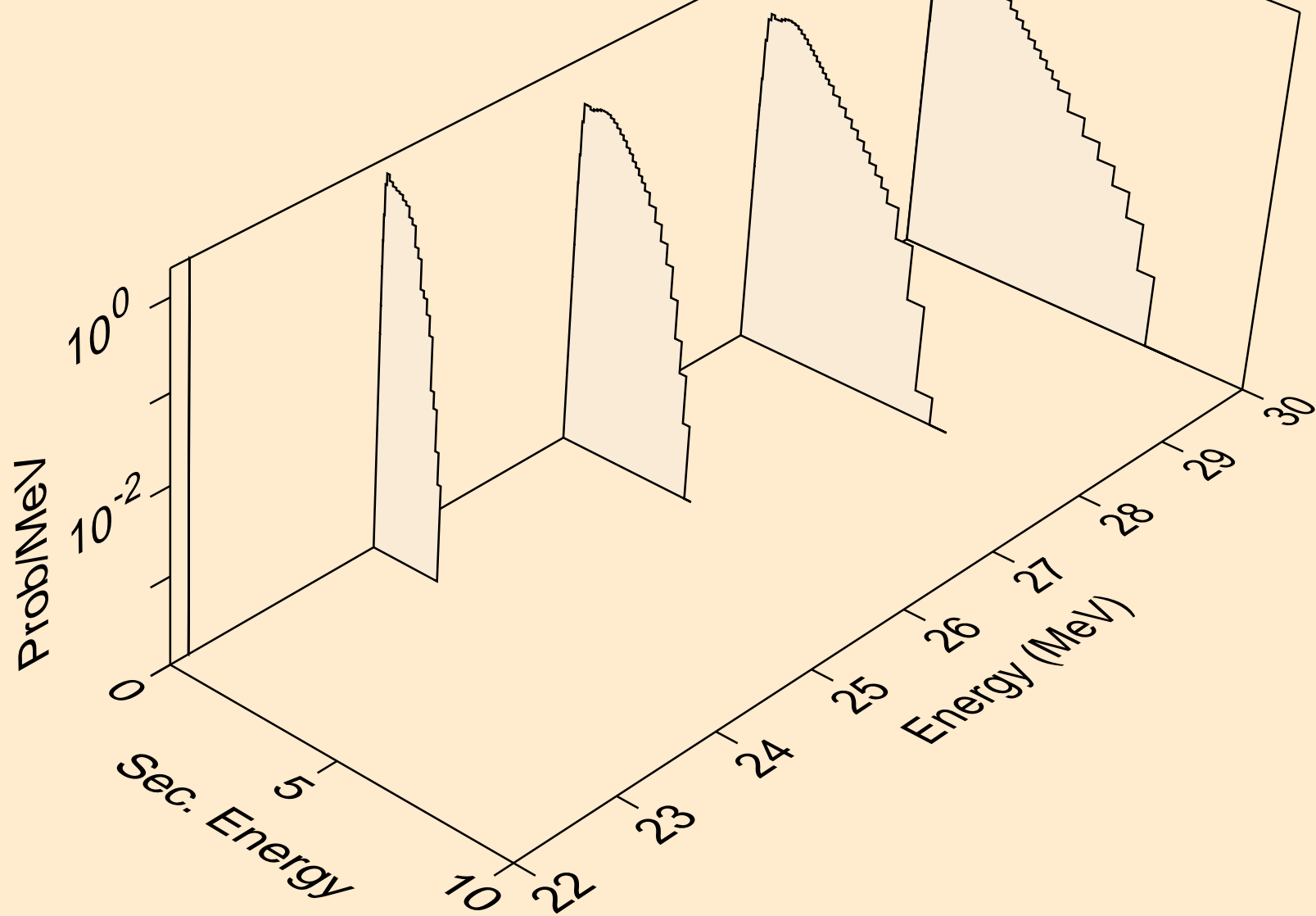


EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

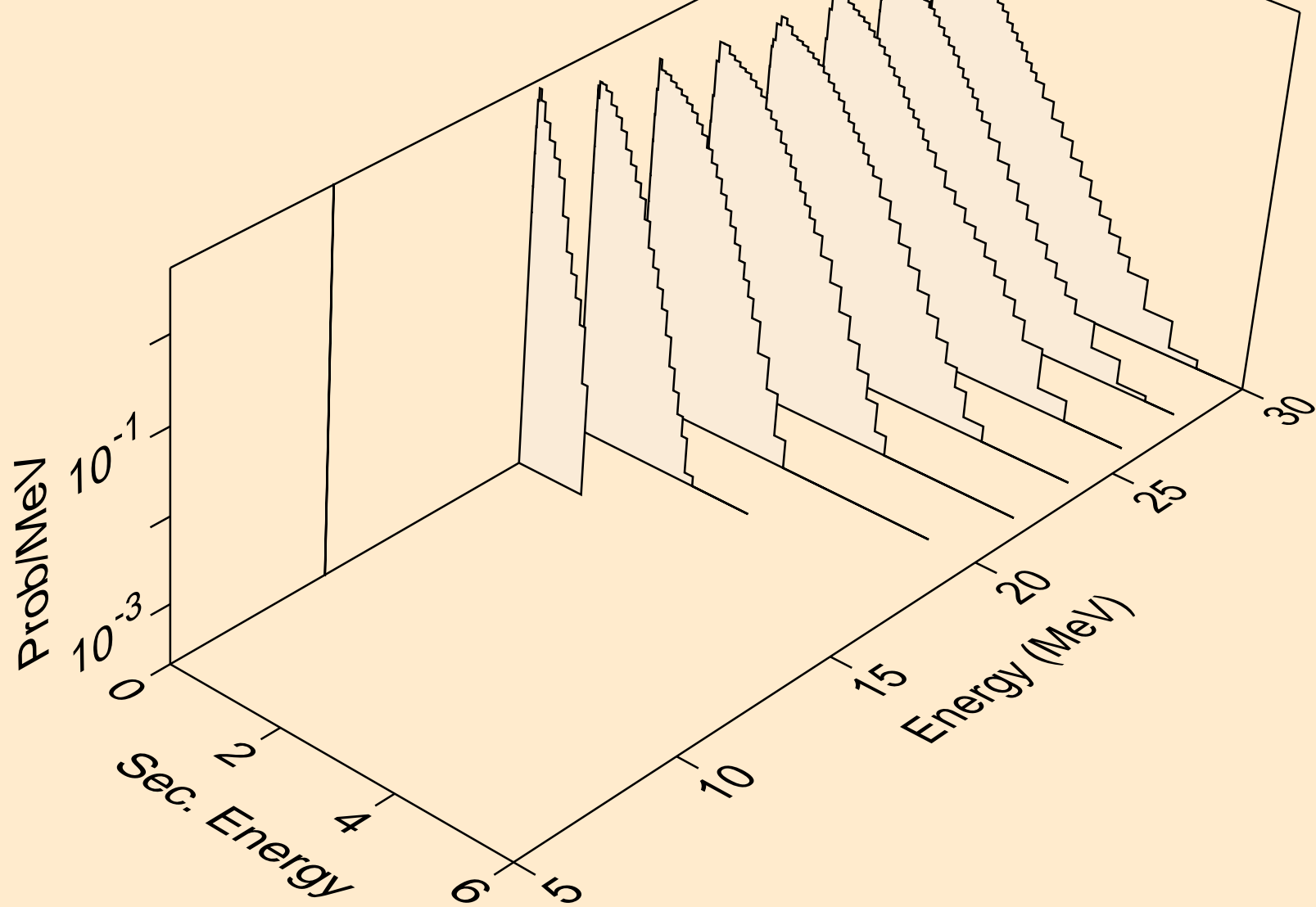




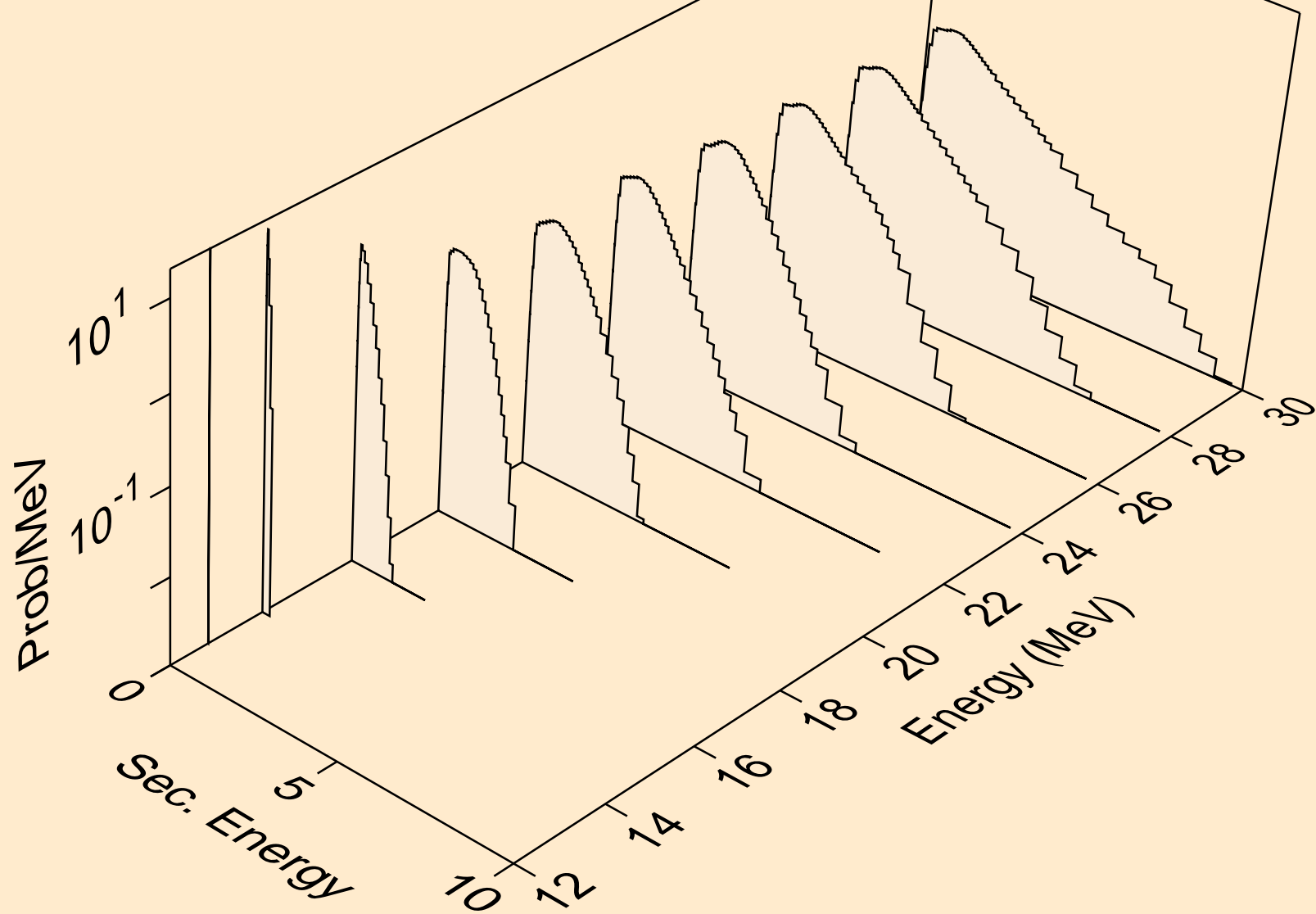
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



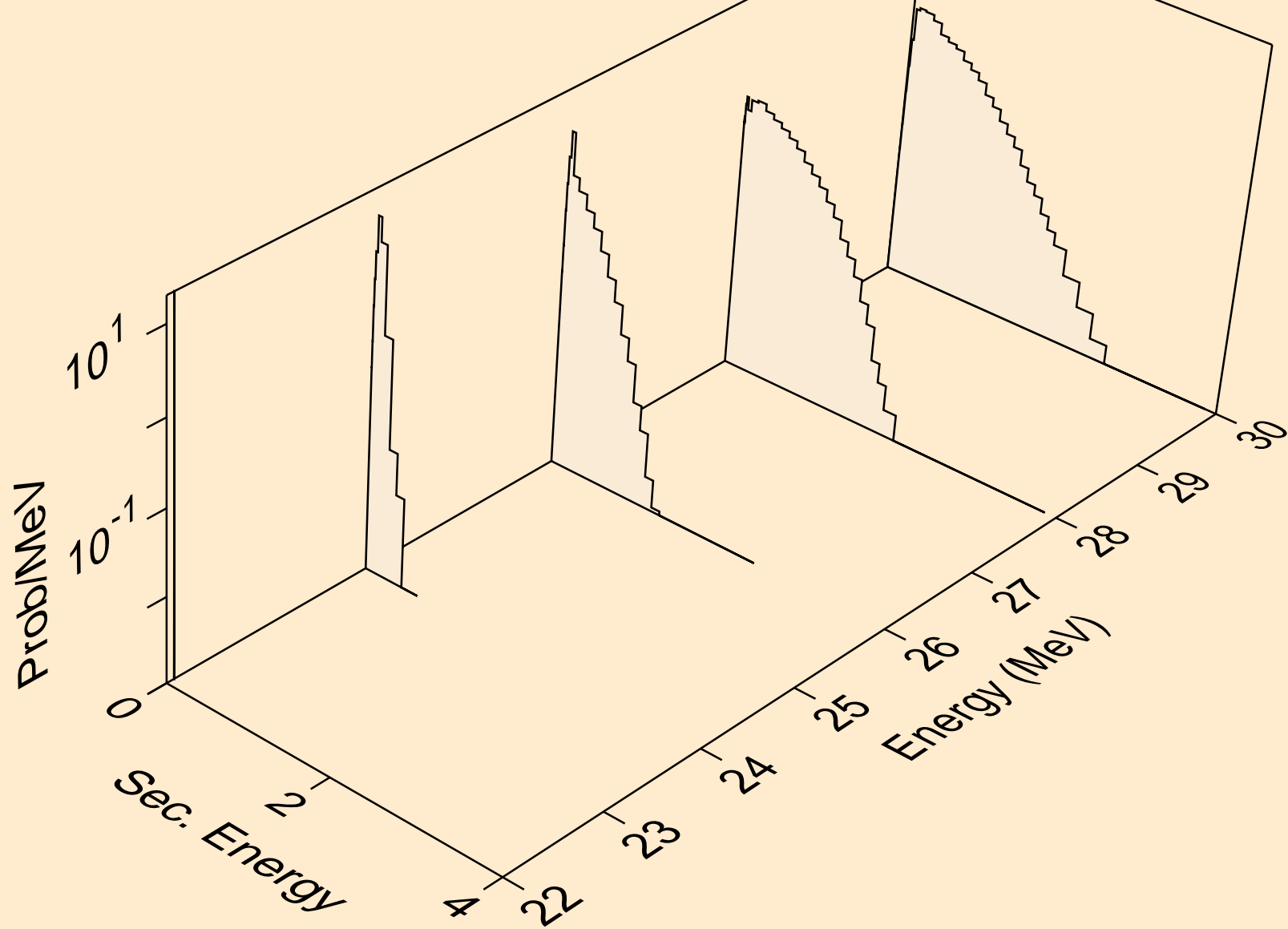
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



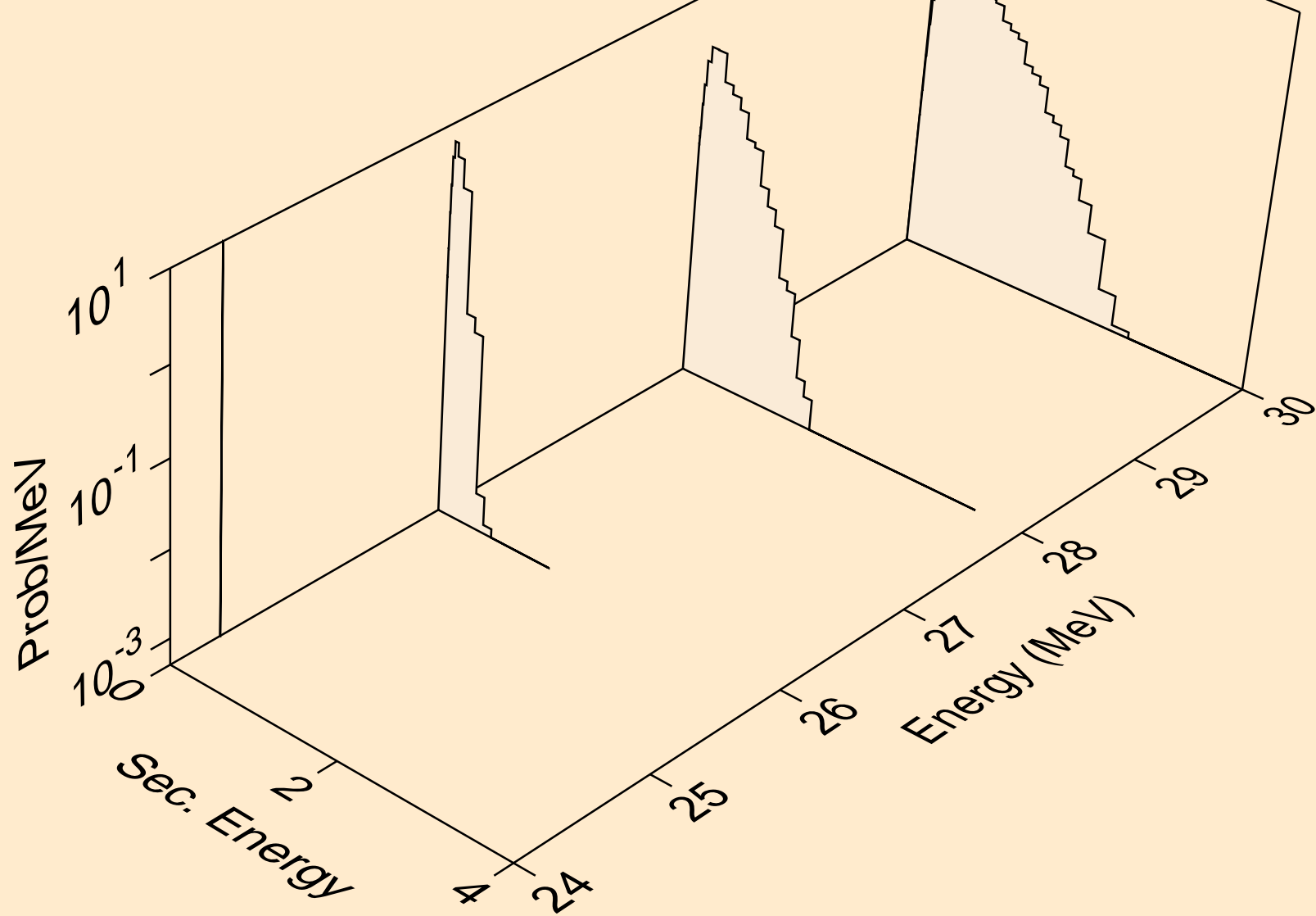
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



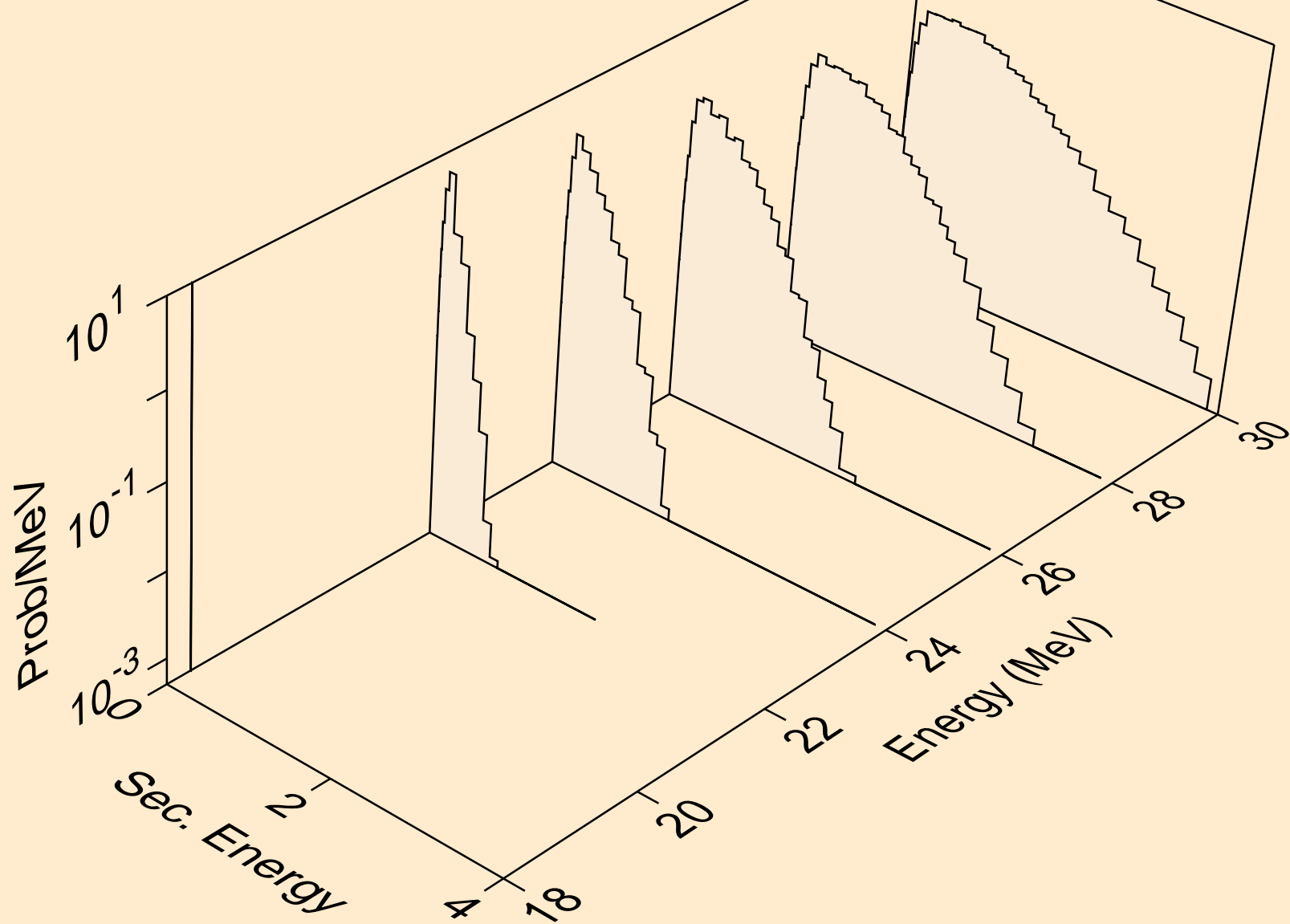
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



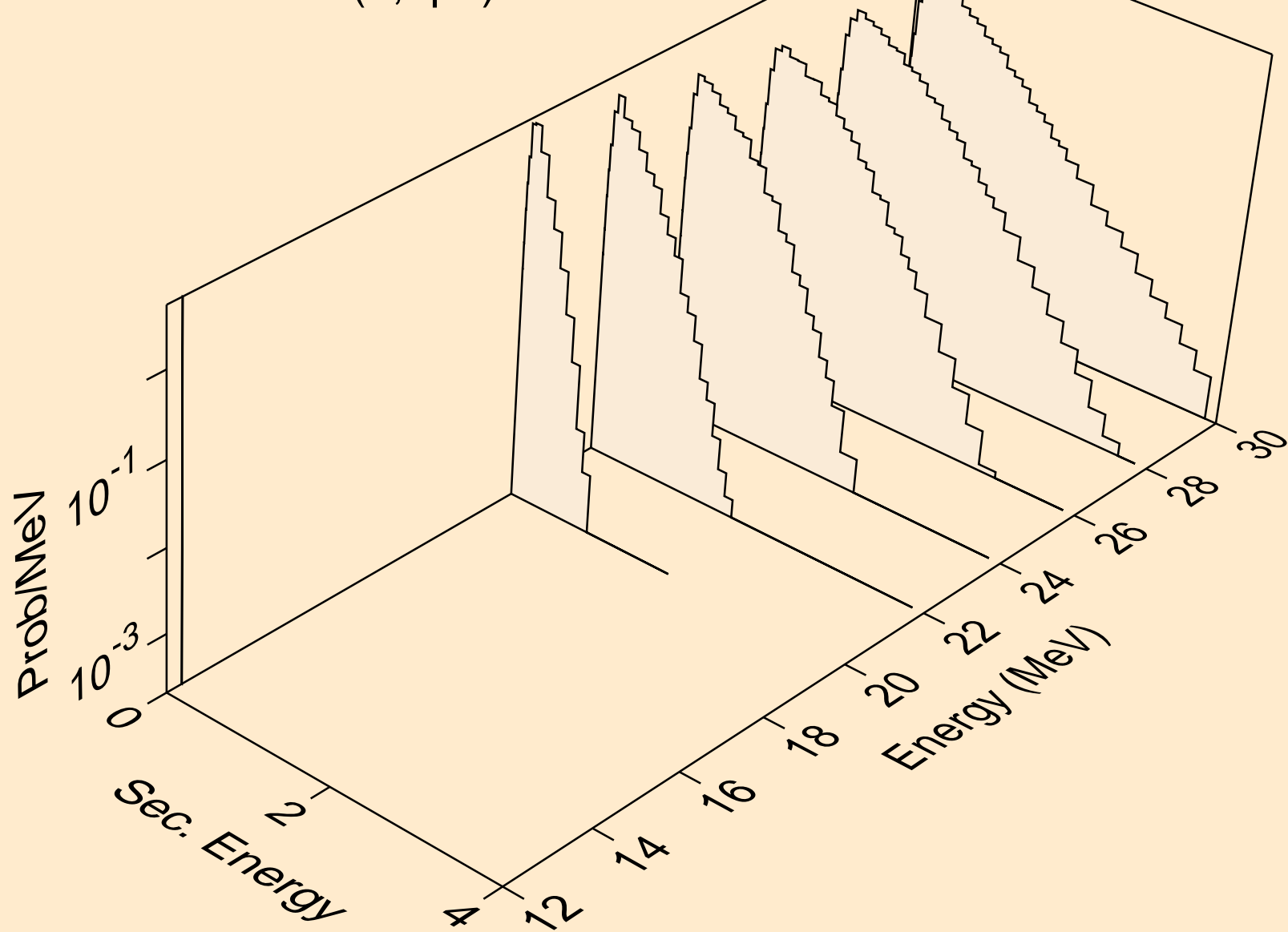
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



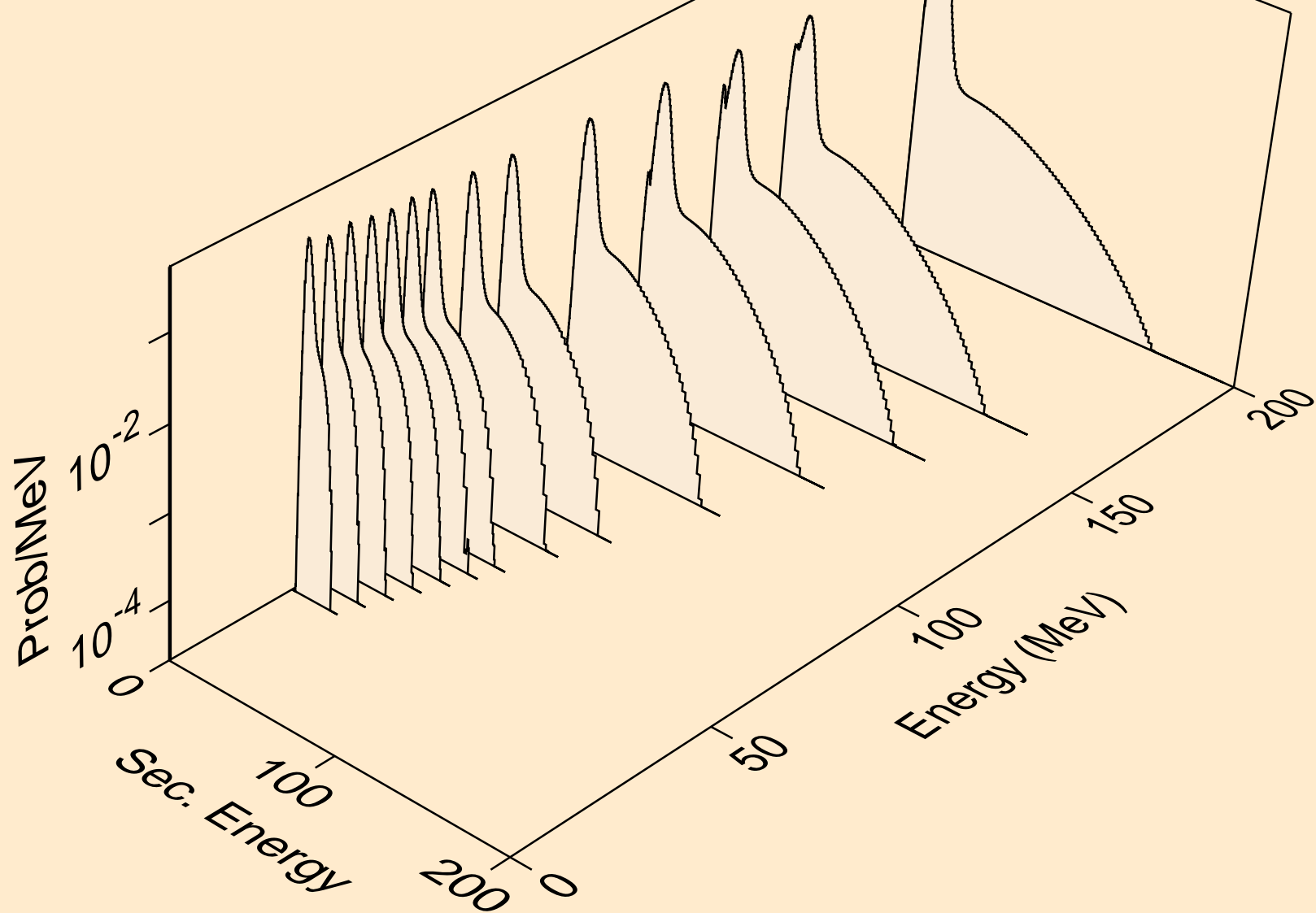
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)

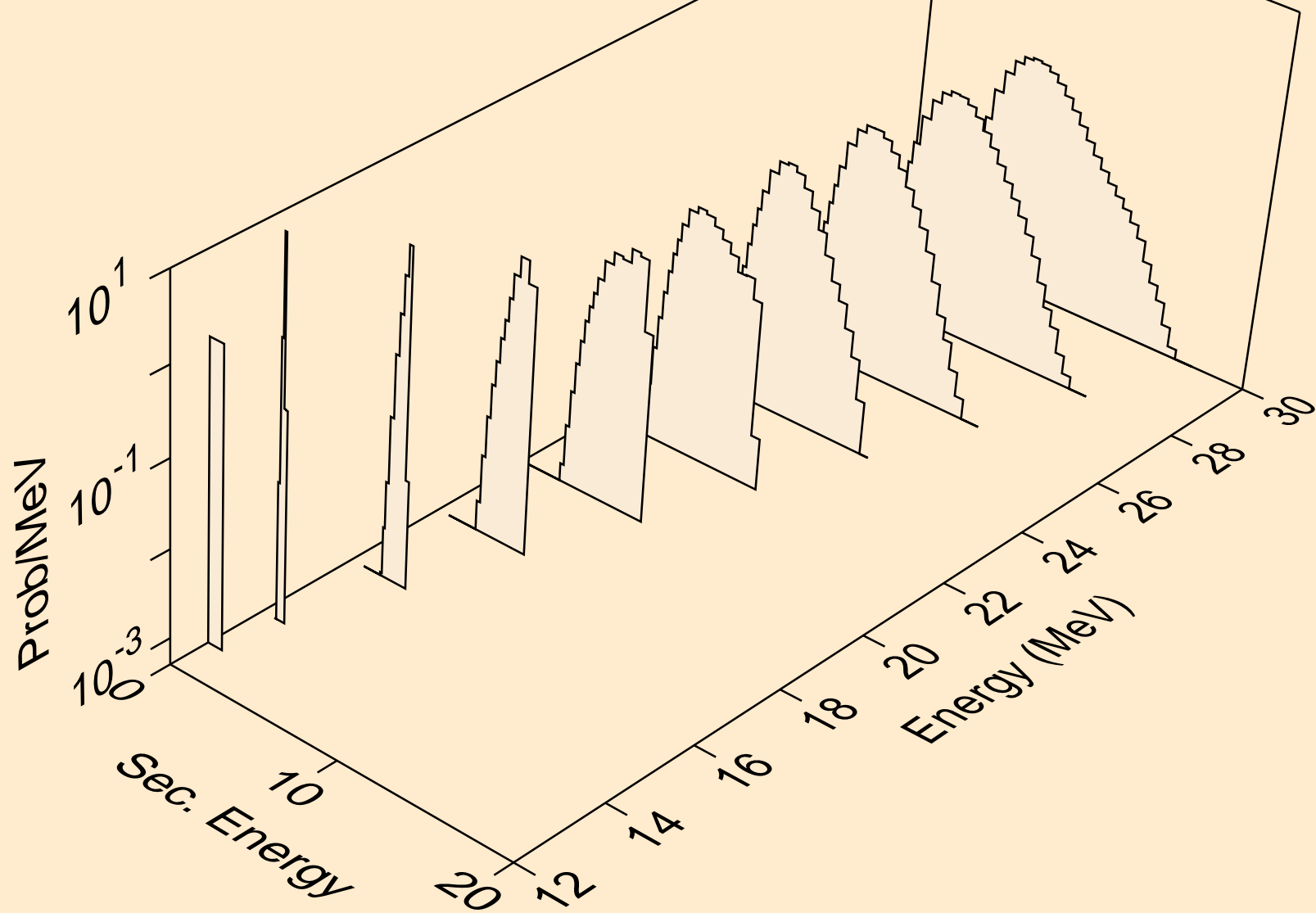


EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)

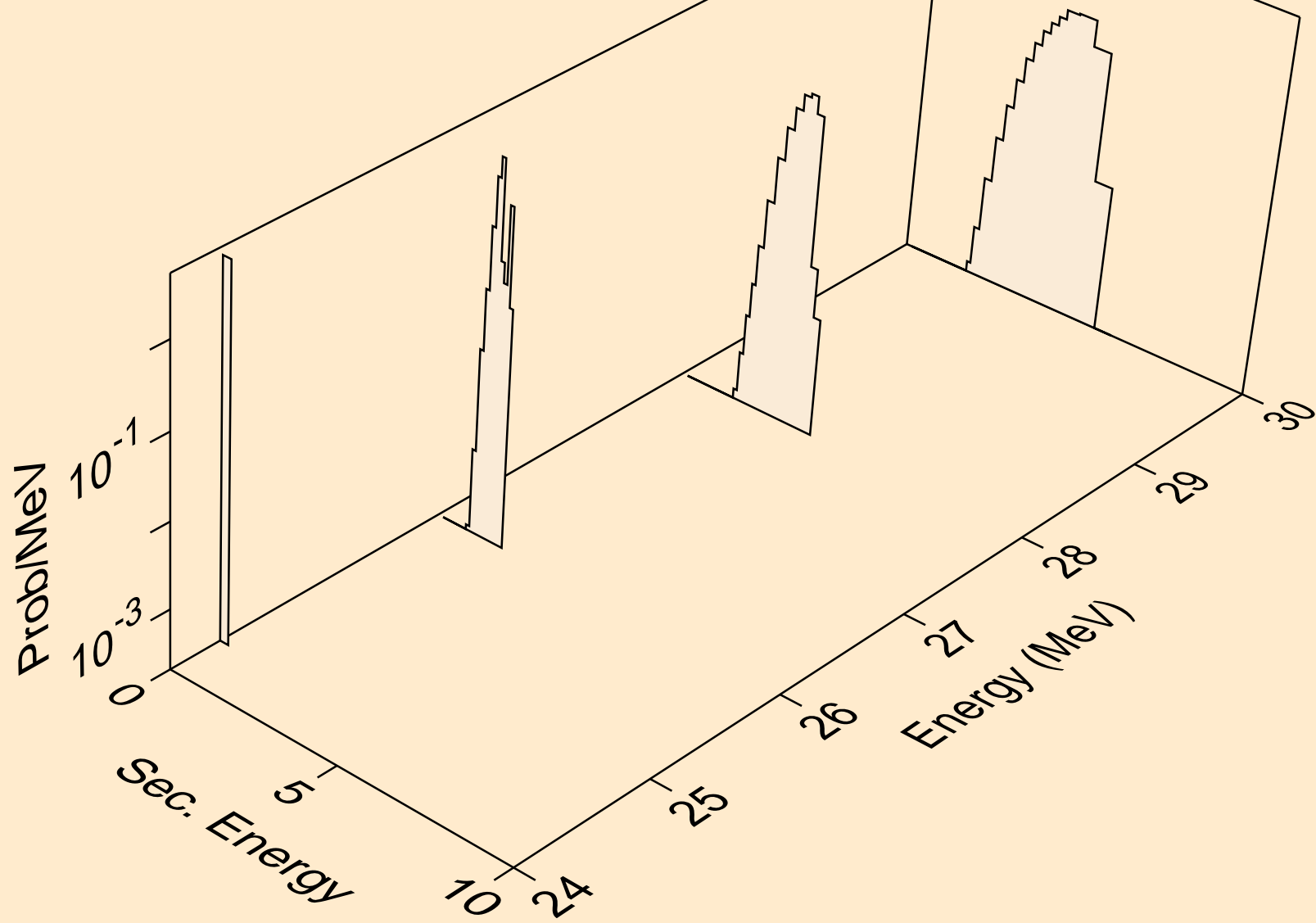




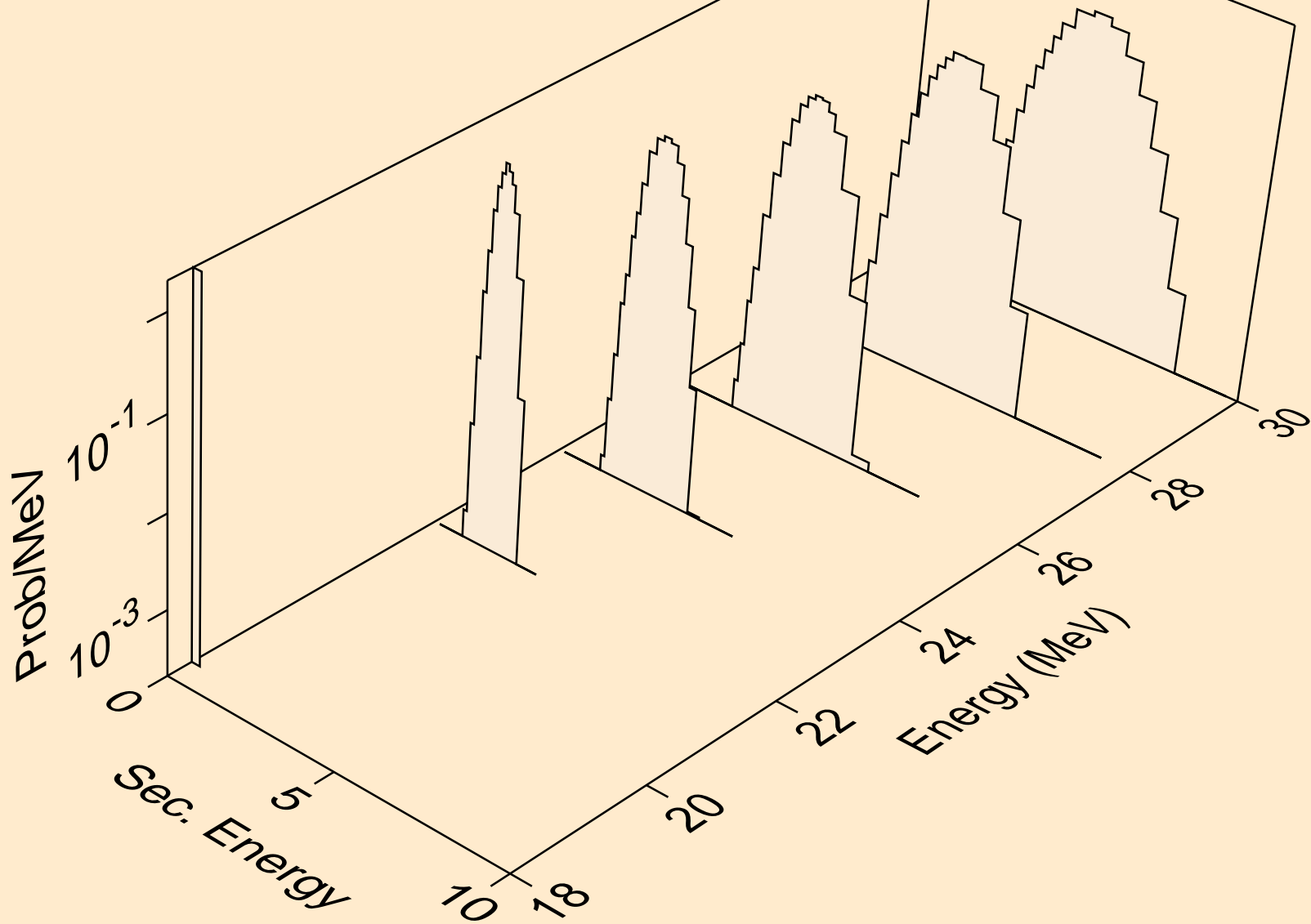
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



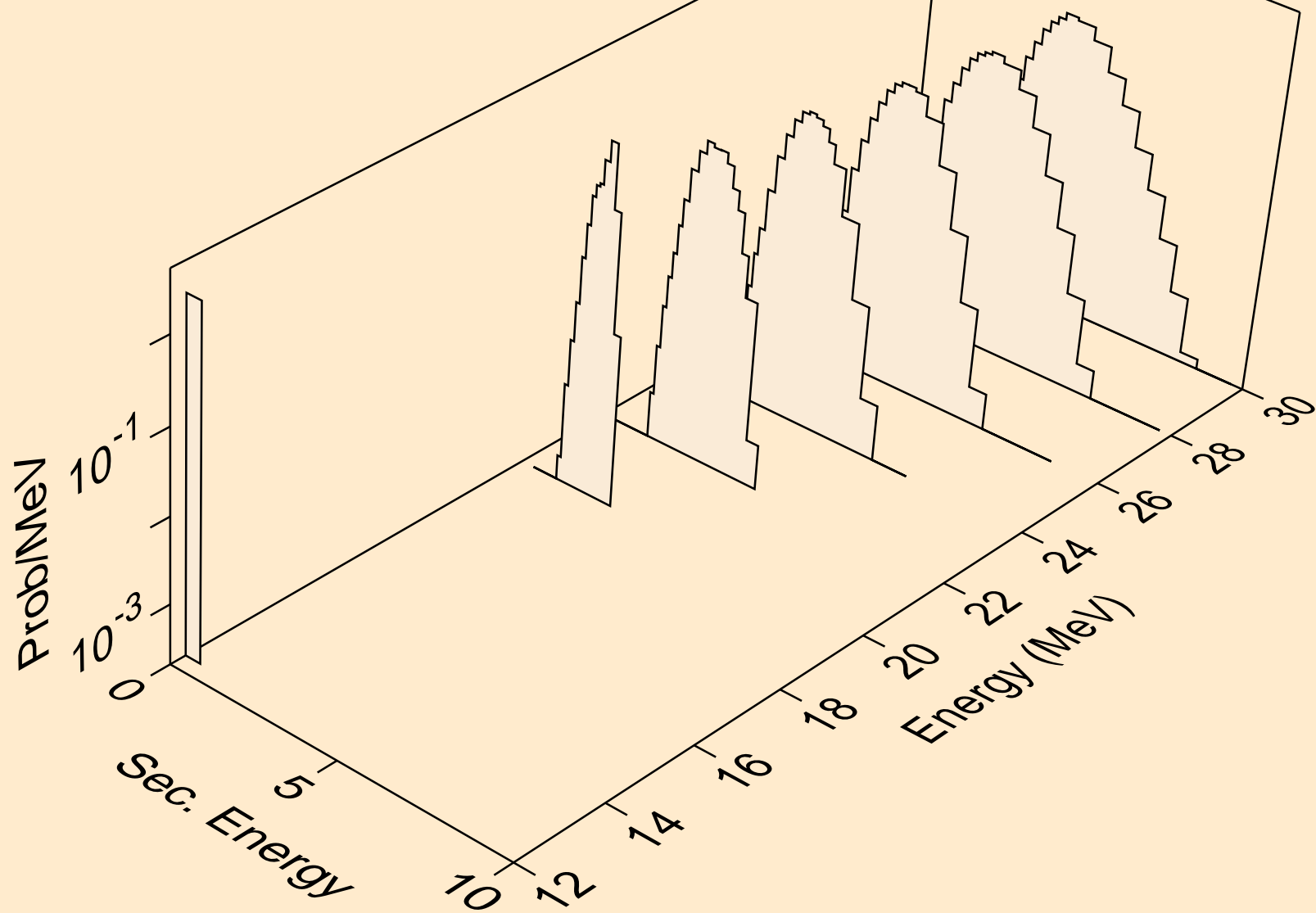
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



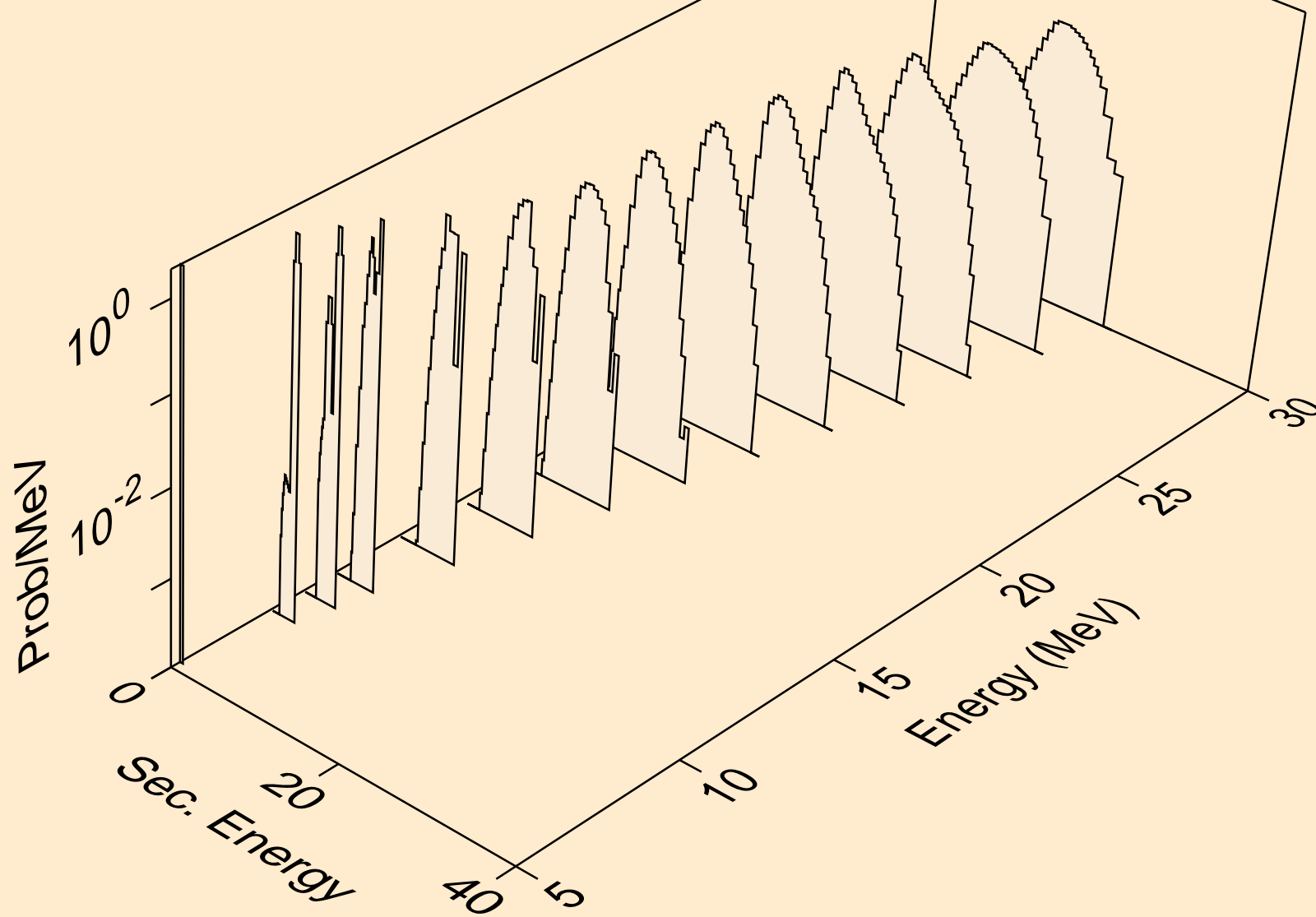
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



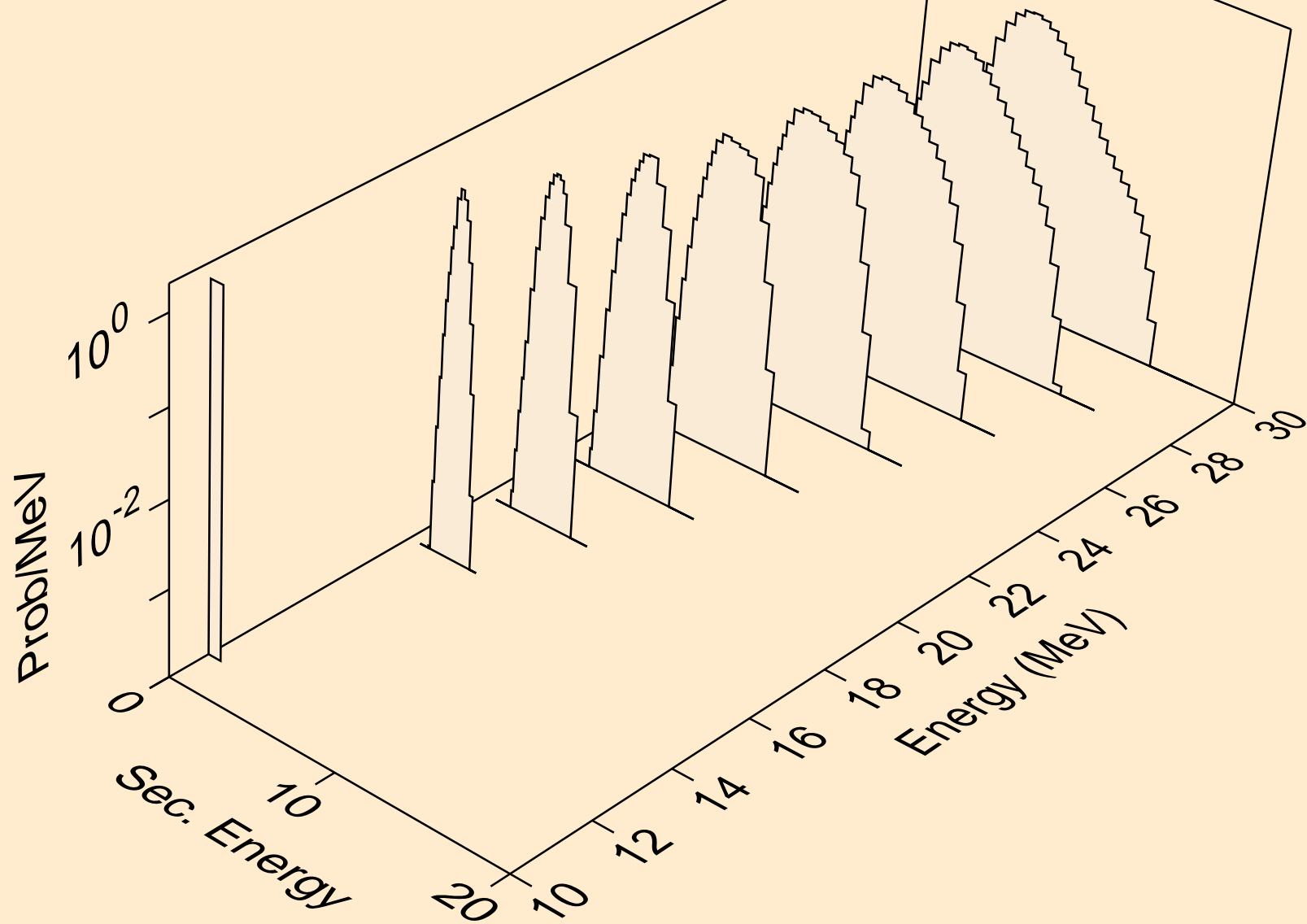
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)



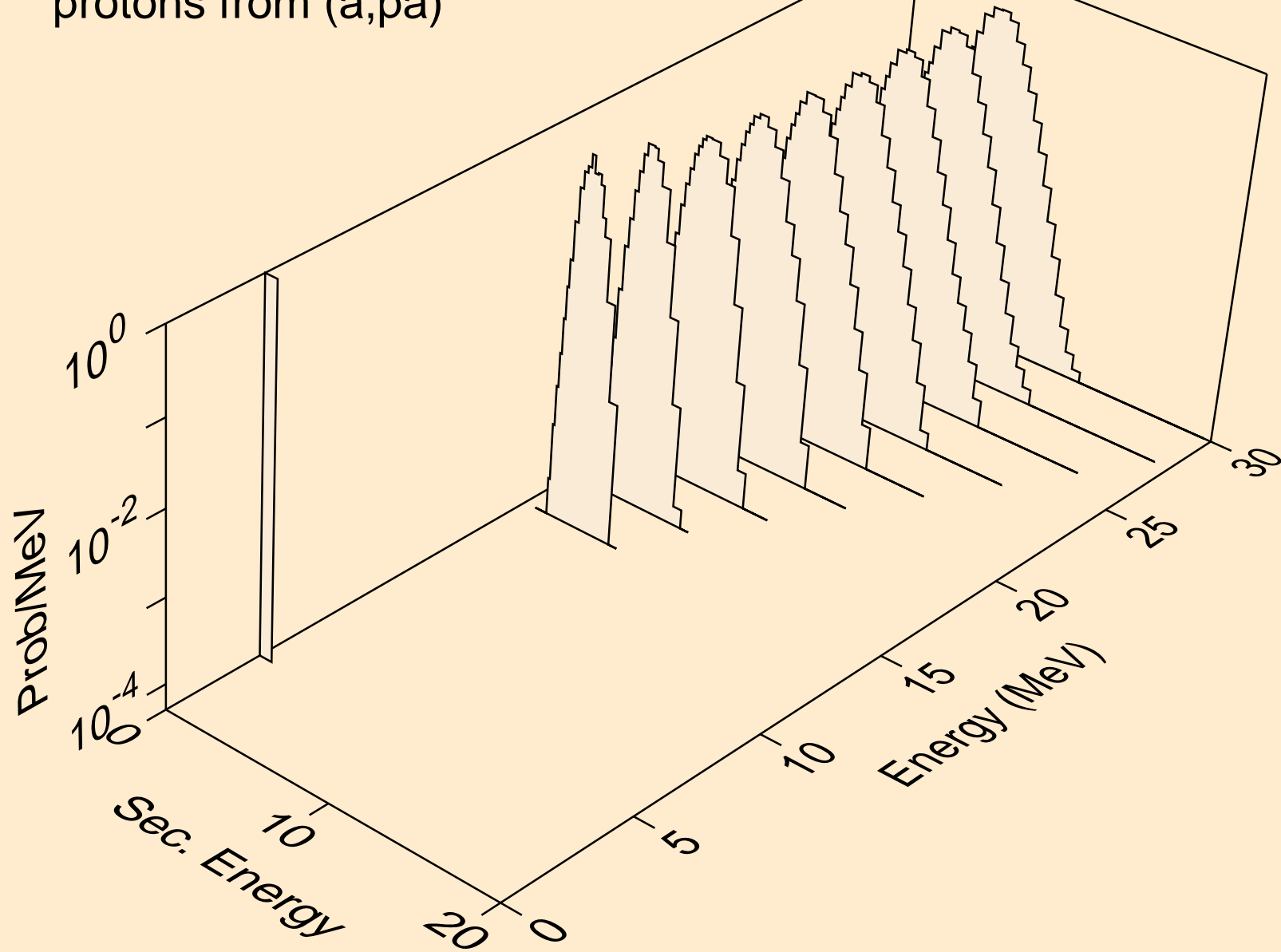
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



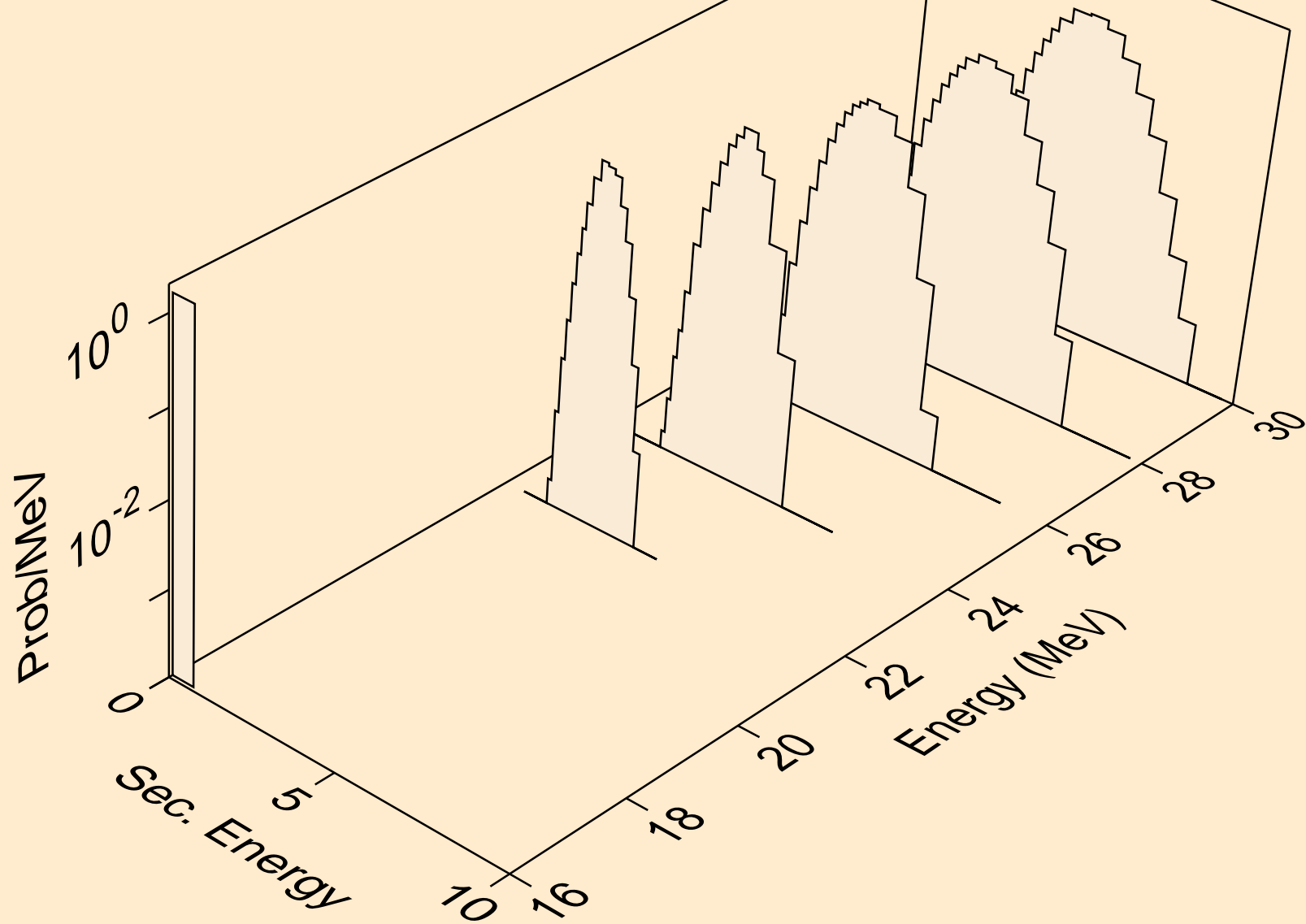
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)

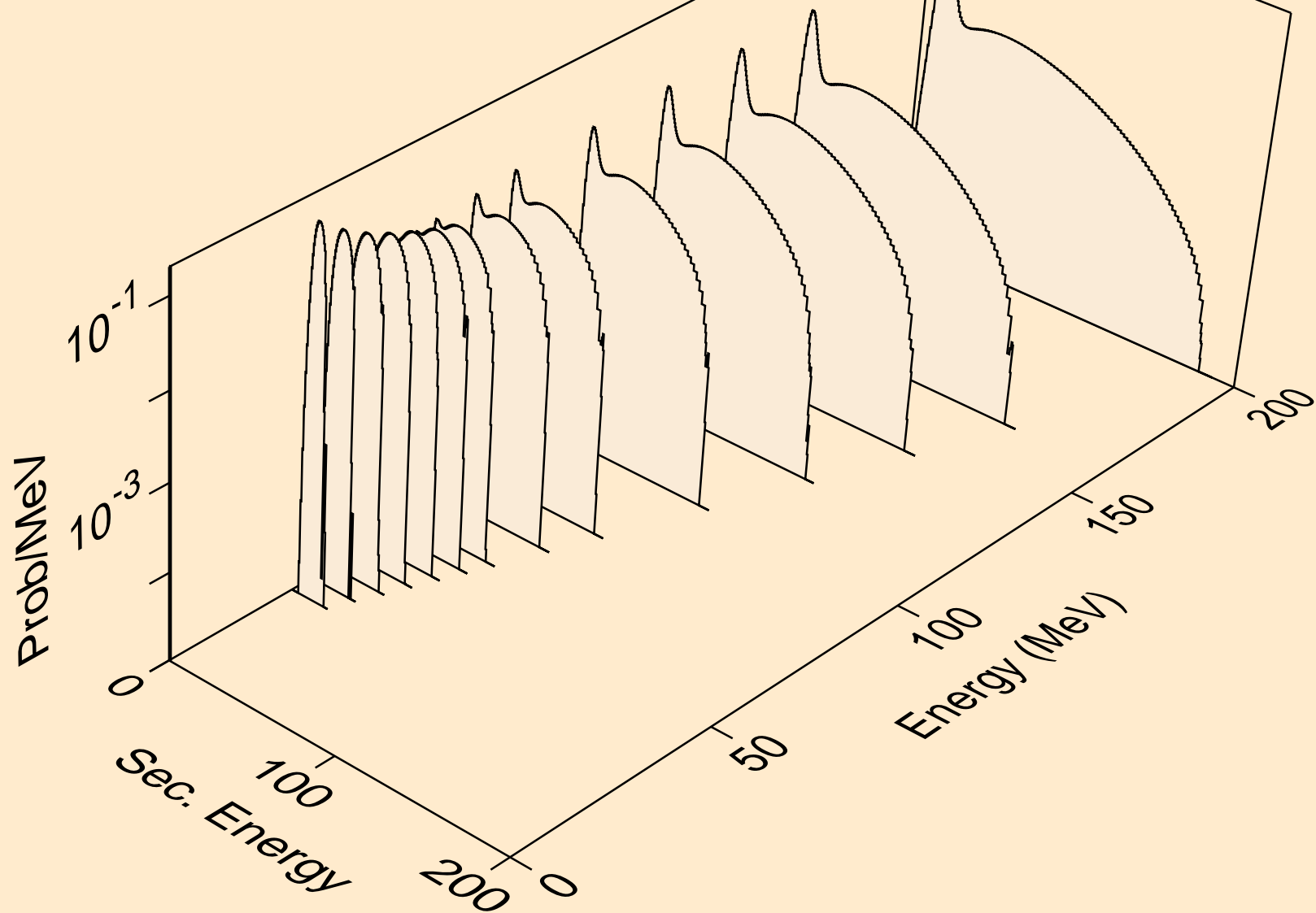


EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)

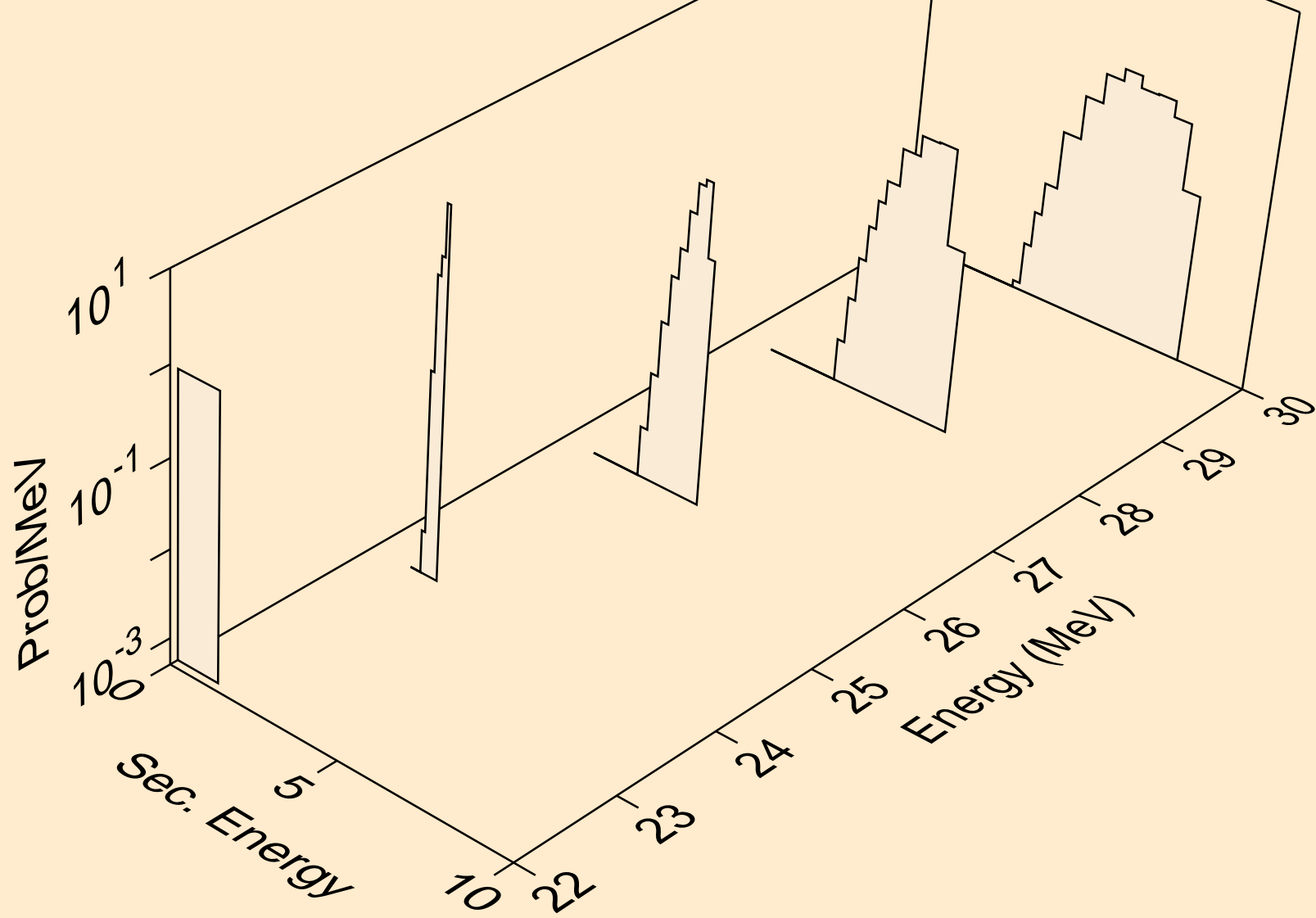




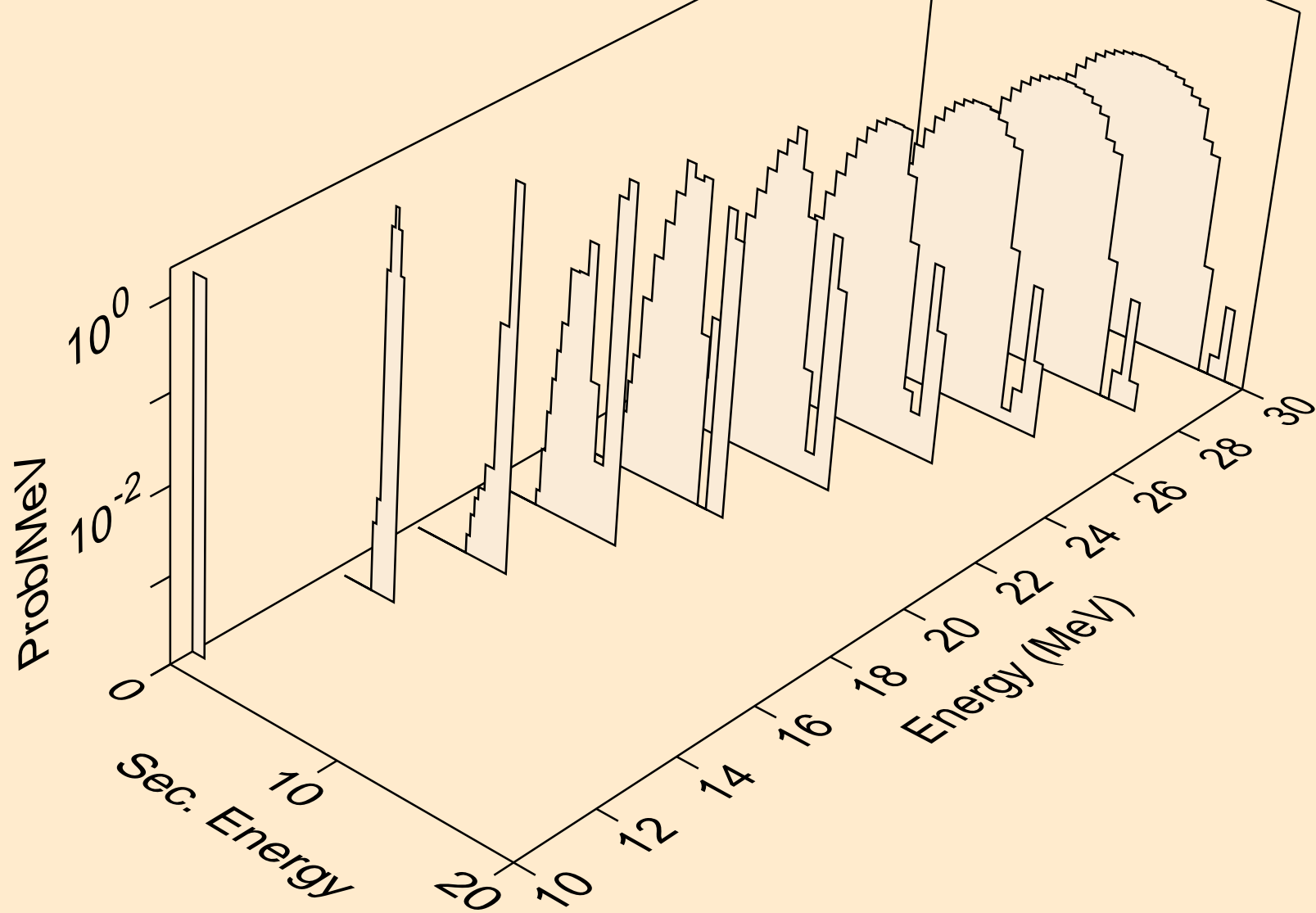
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



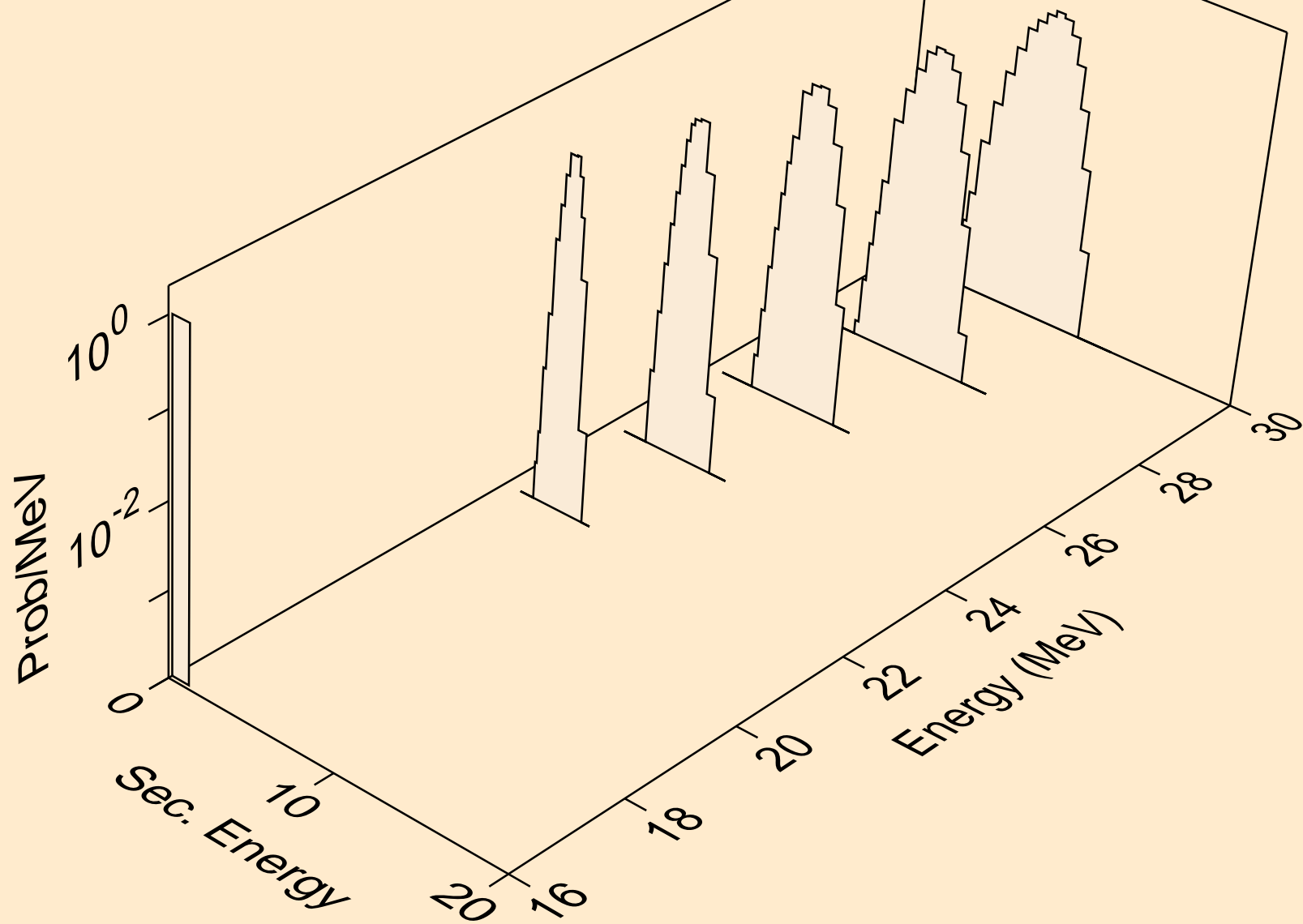
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



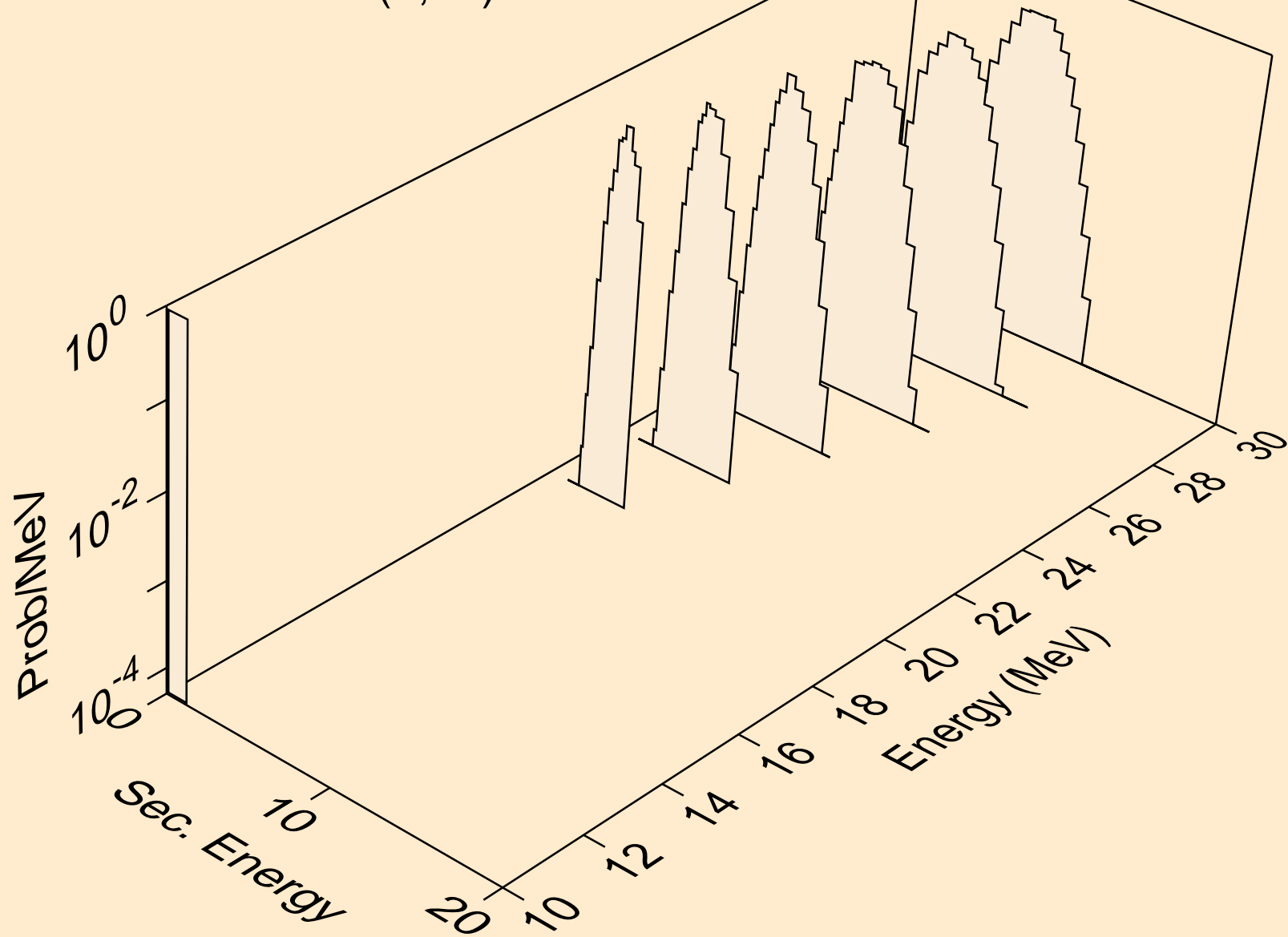
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



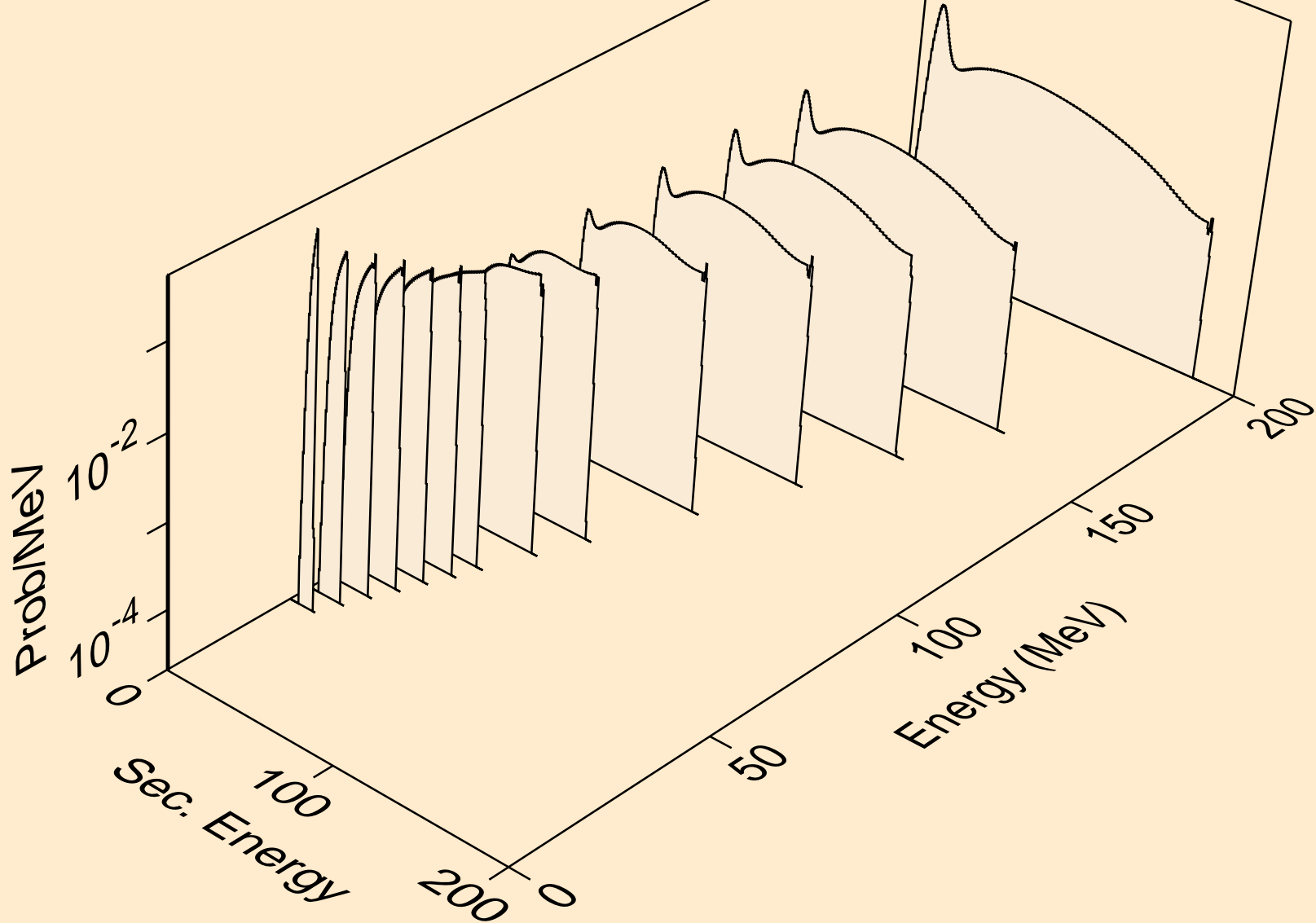
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)



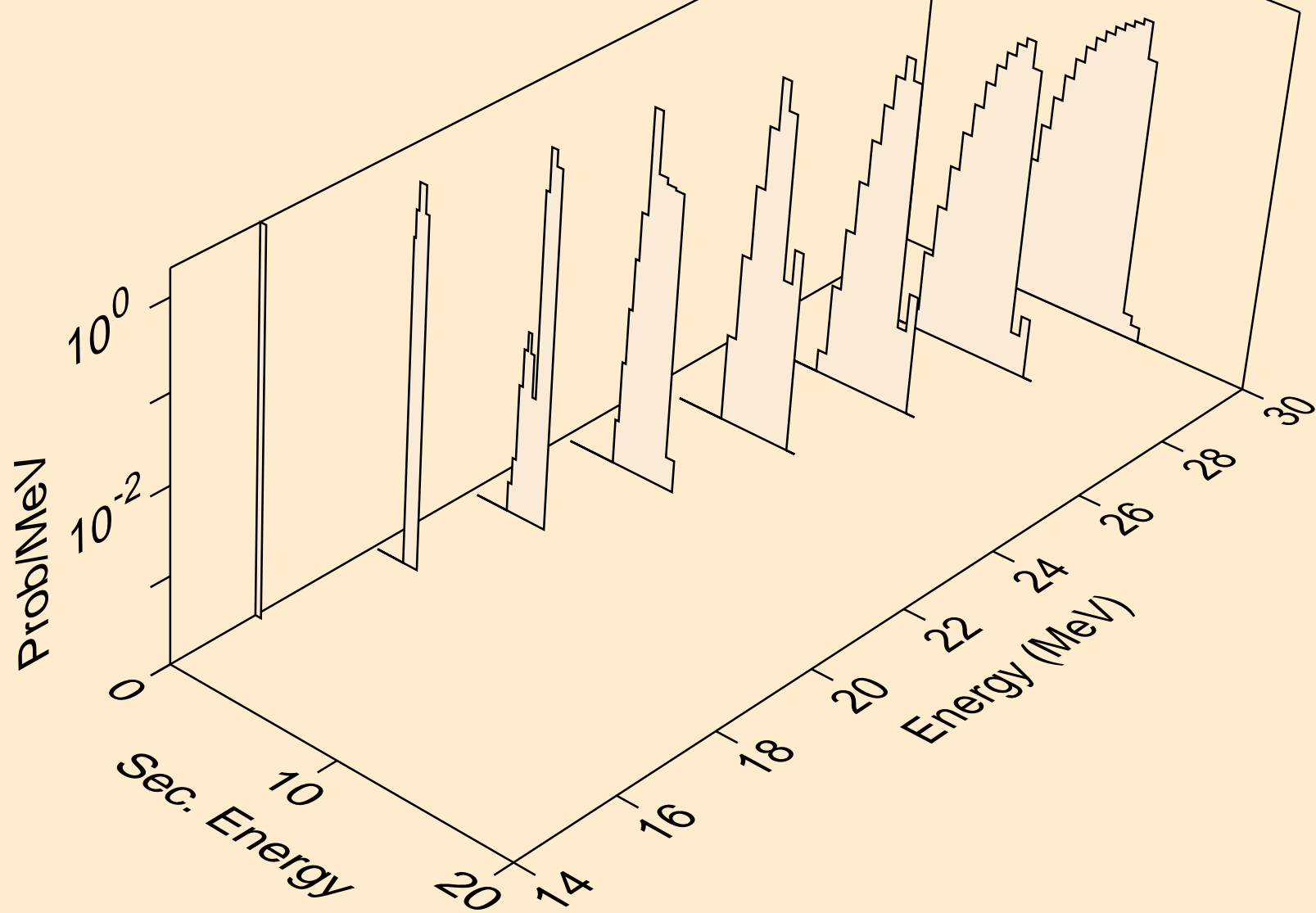
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,da)



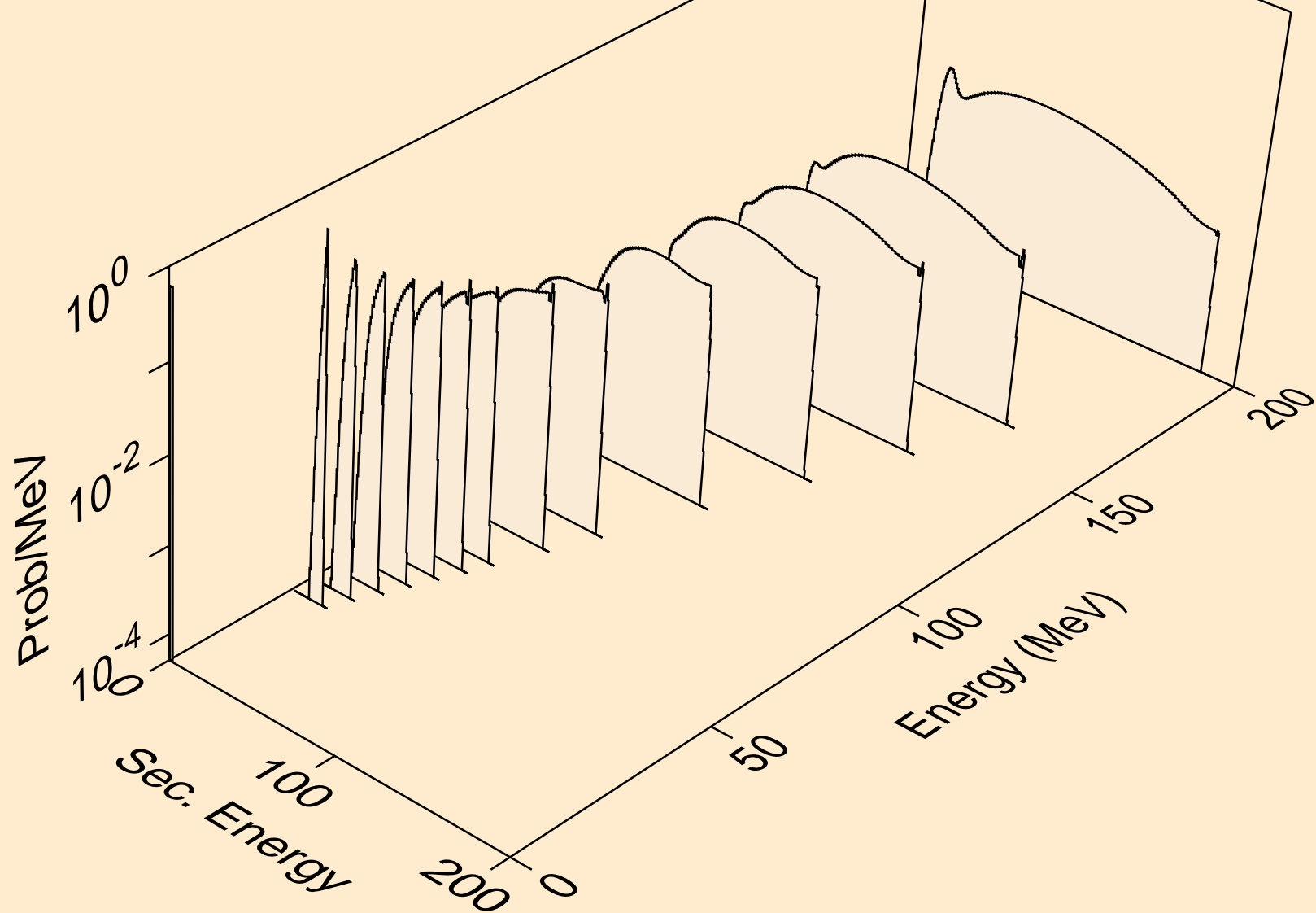
EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)





EU144 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

