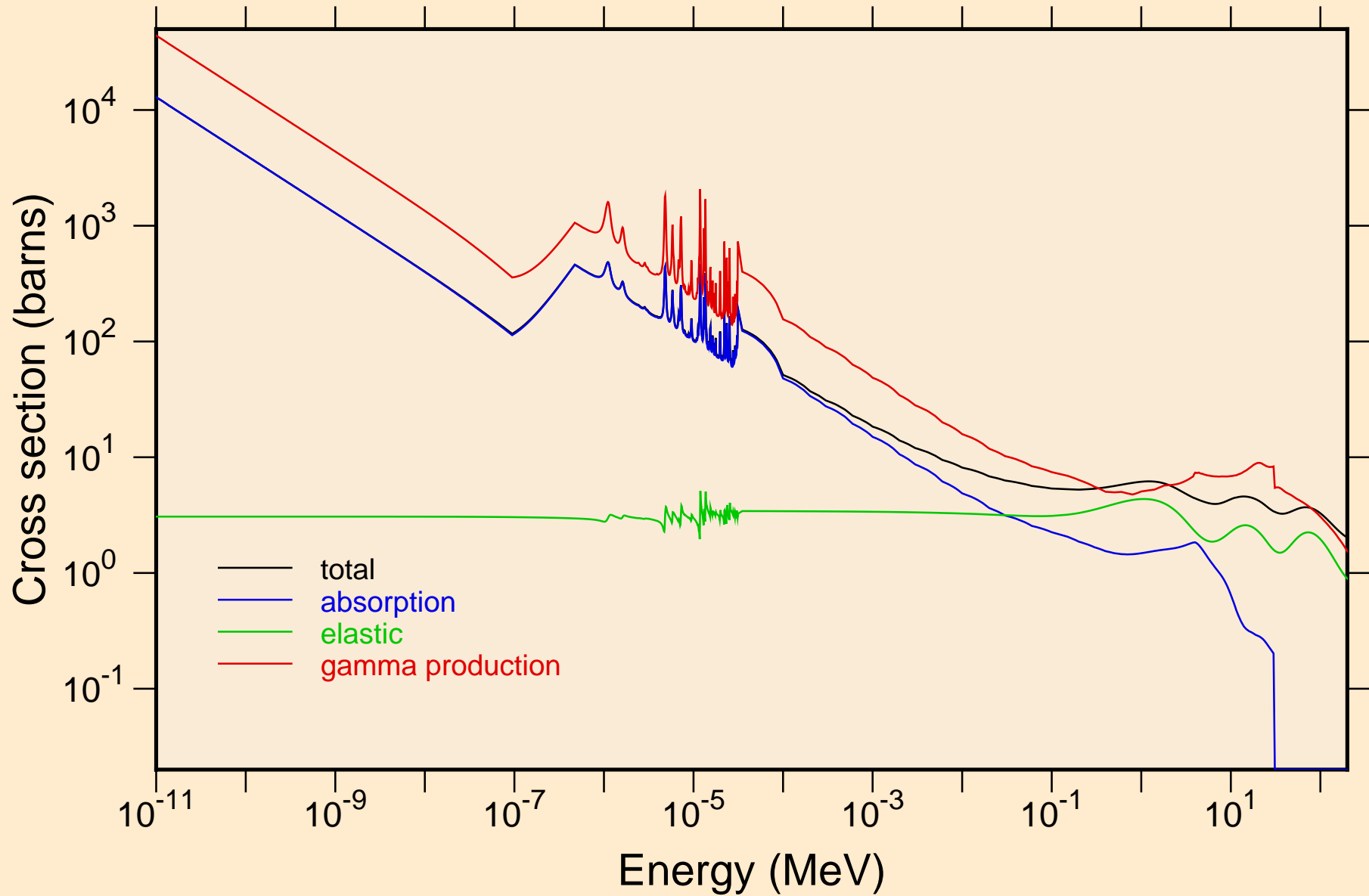
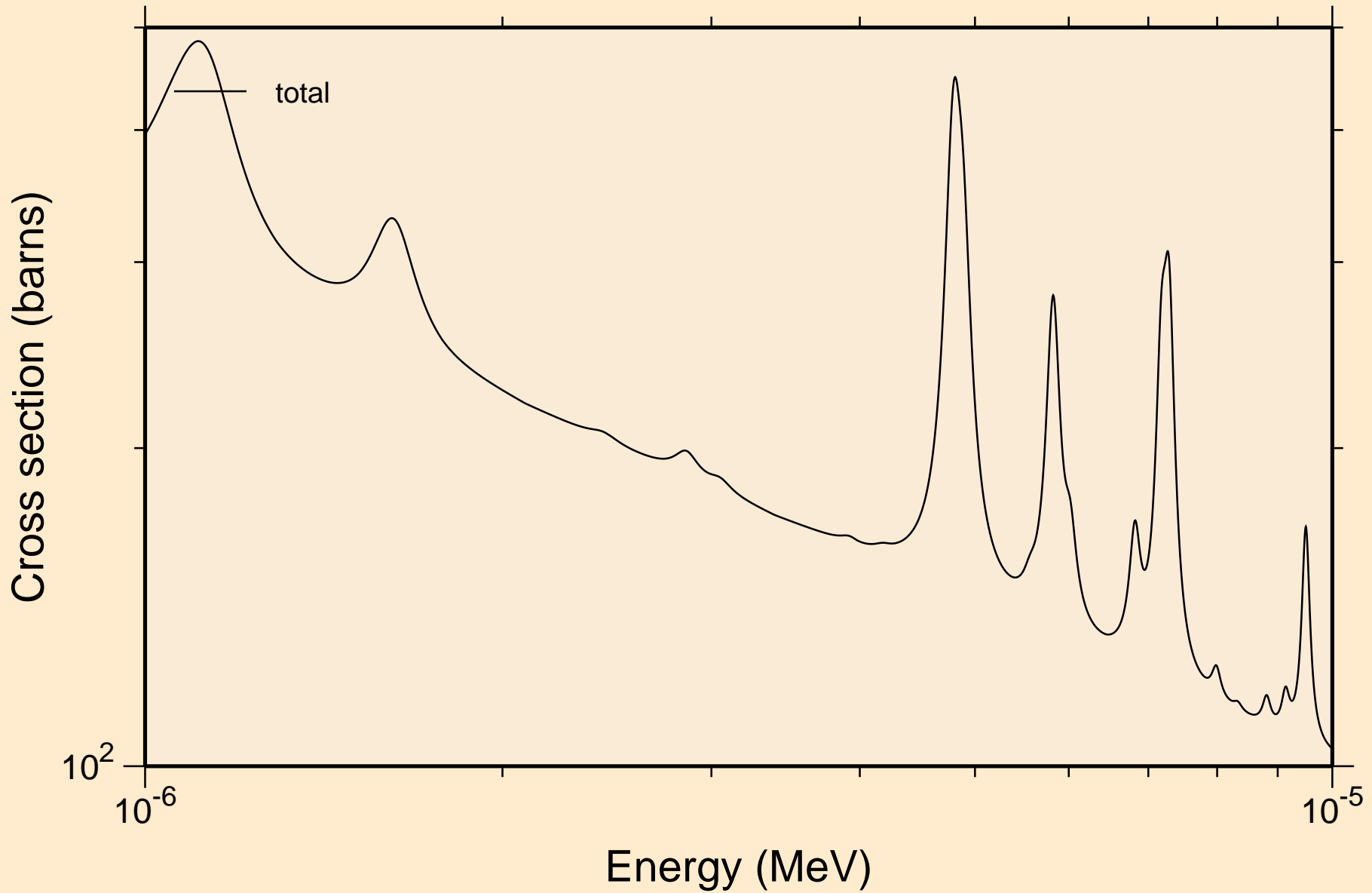


# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

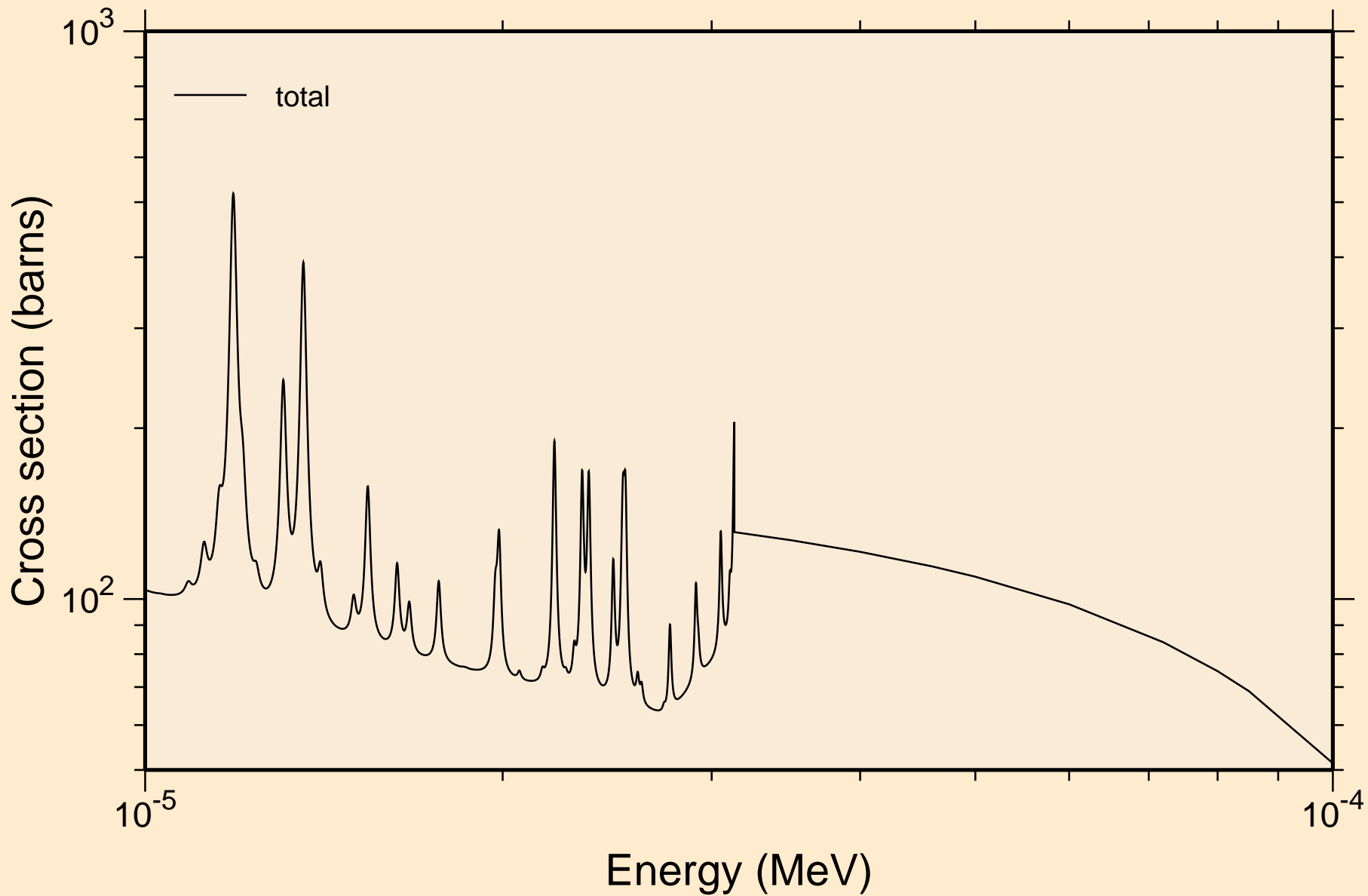
## Principal cross sections



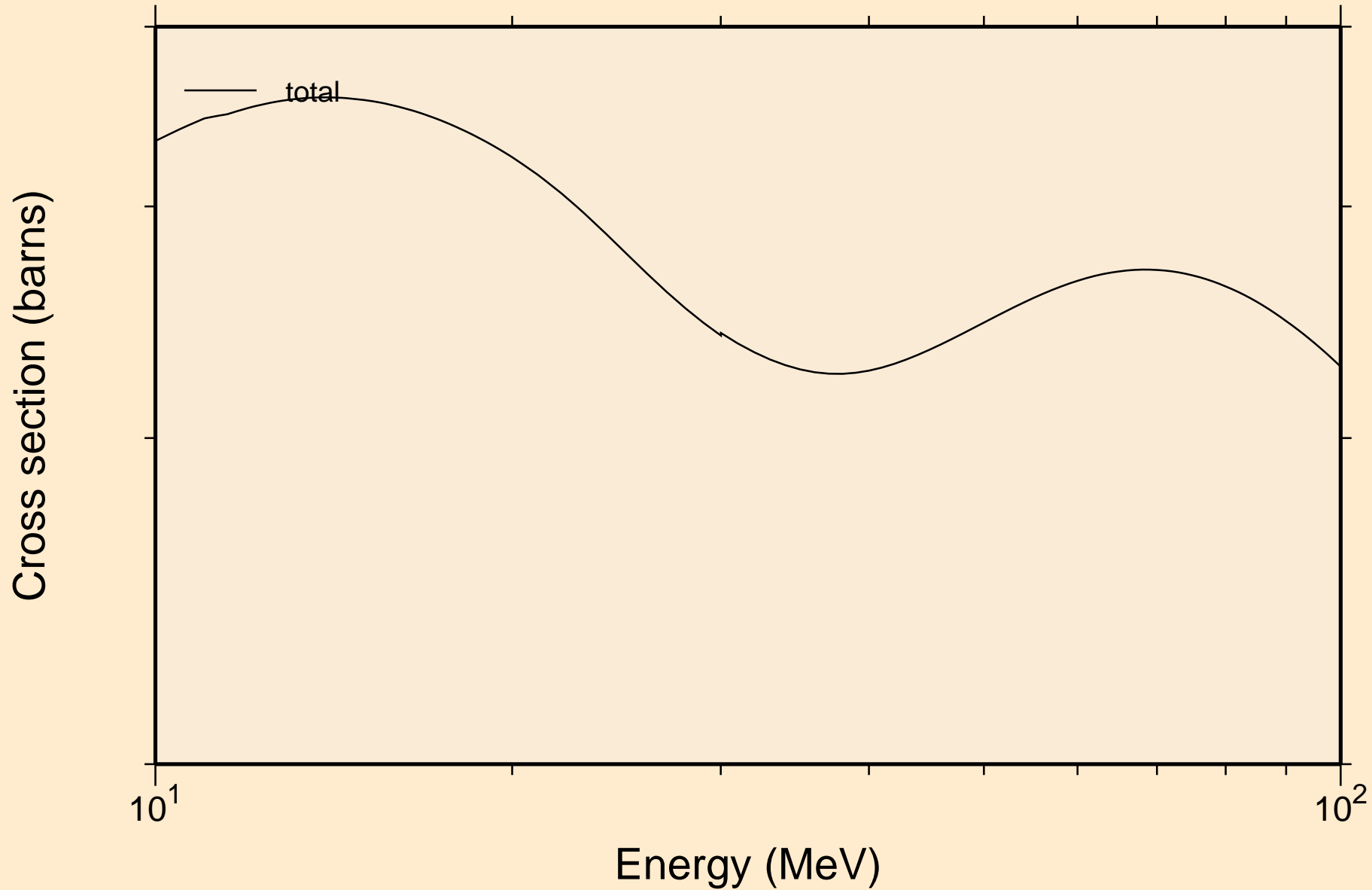
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



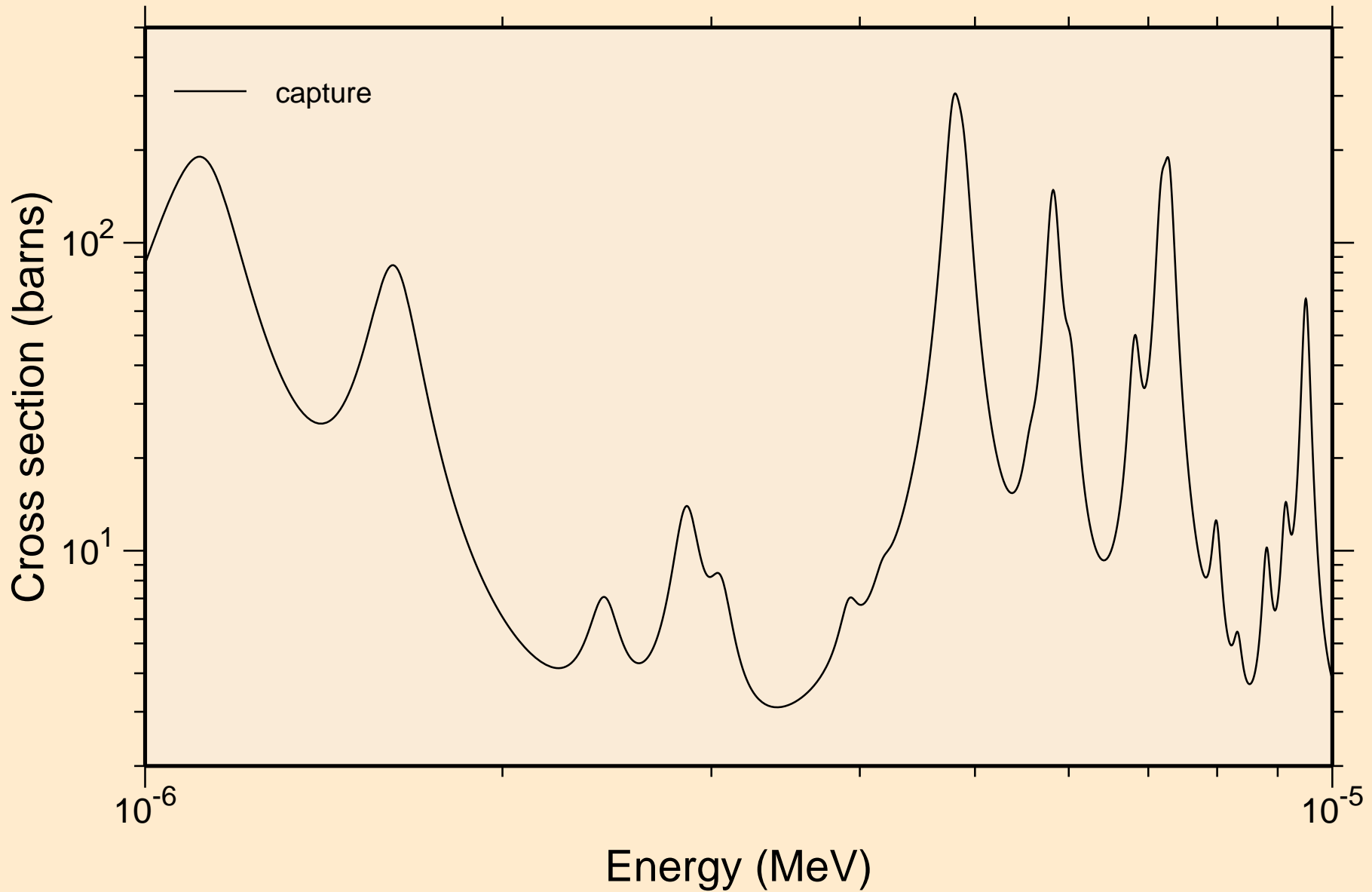
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



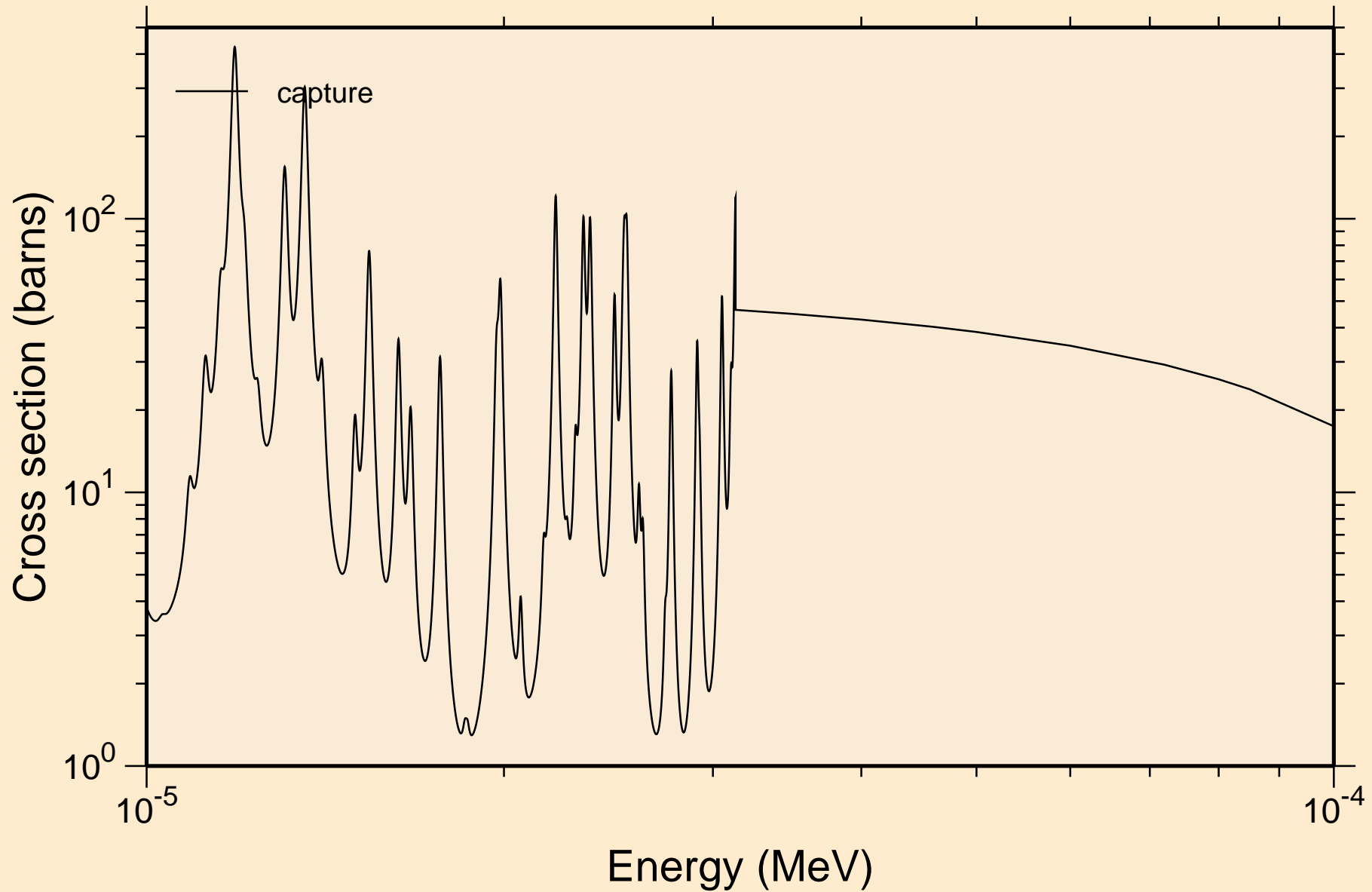
Cs121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



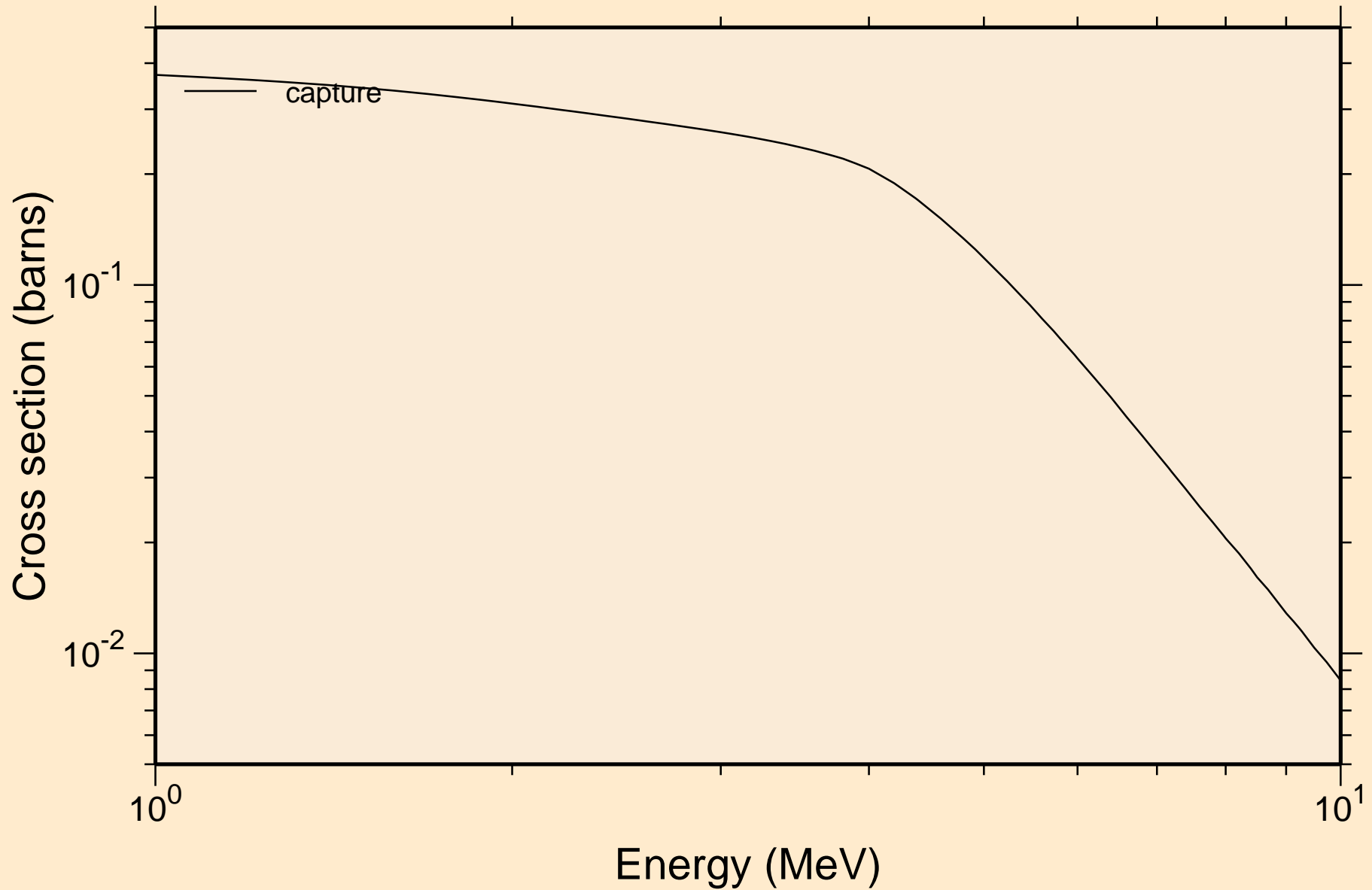
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

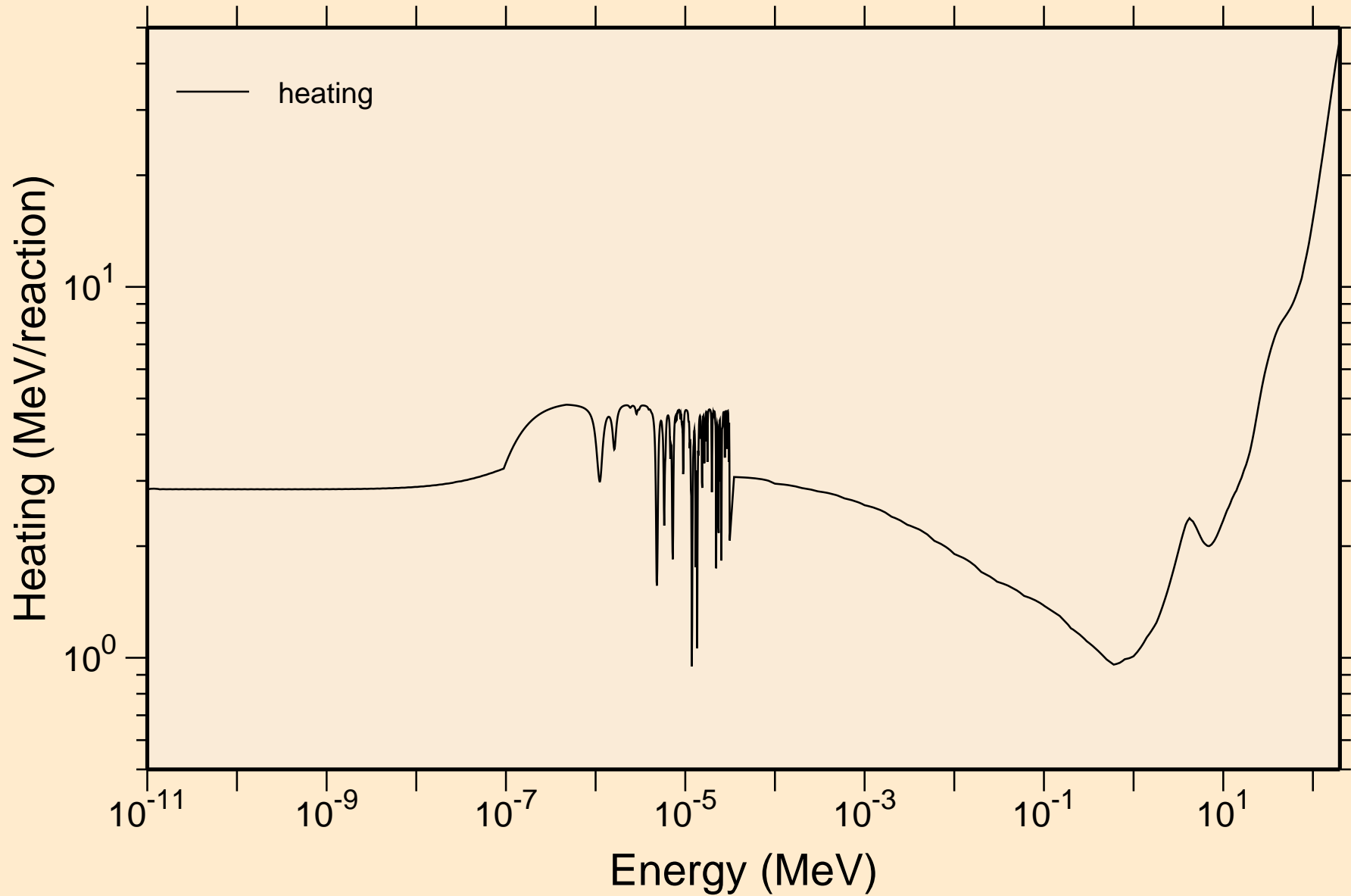


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



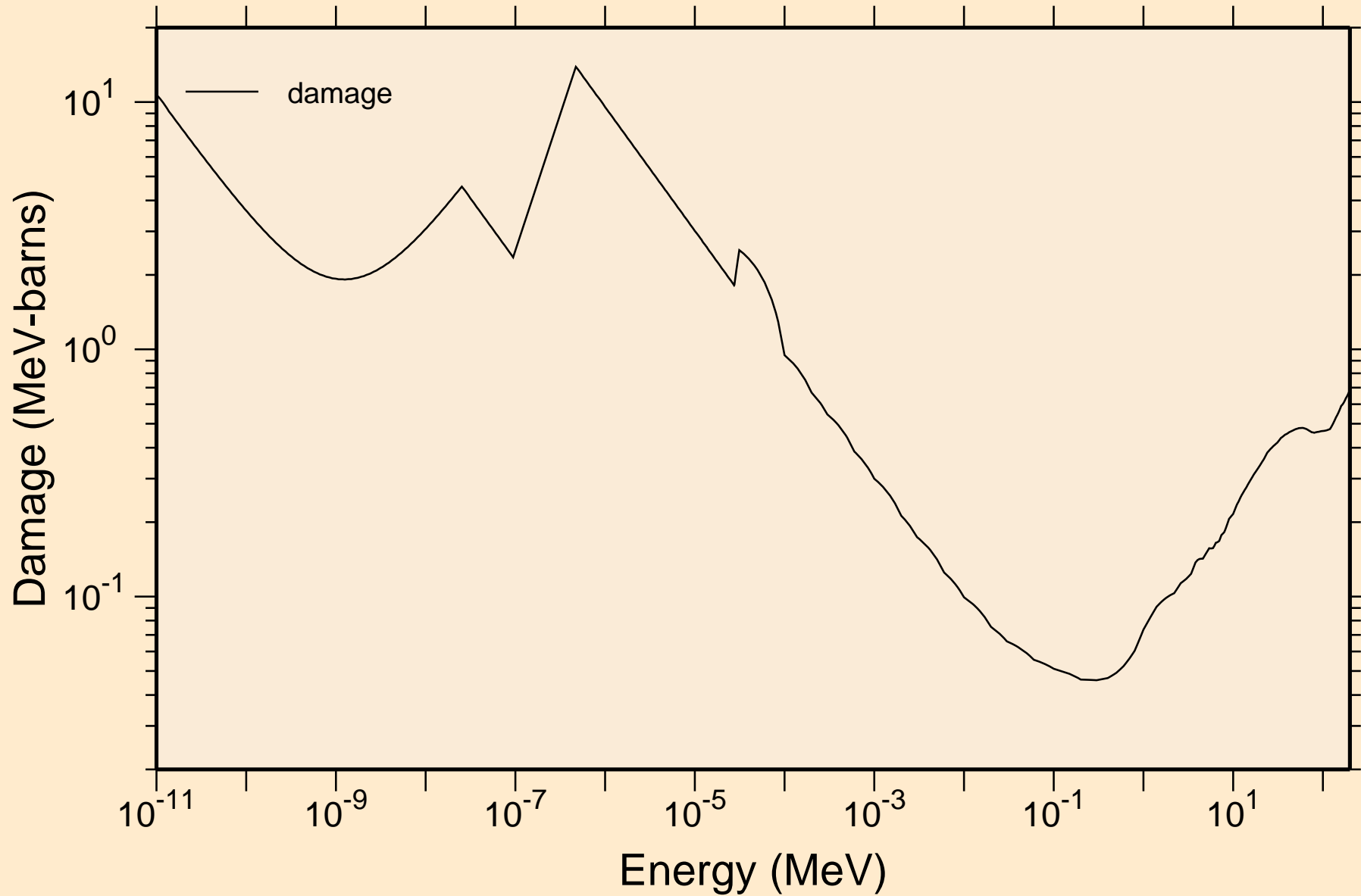
# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



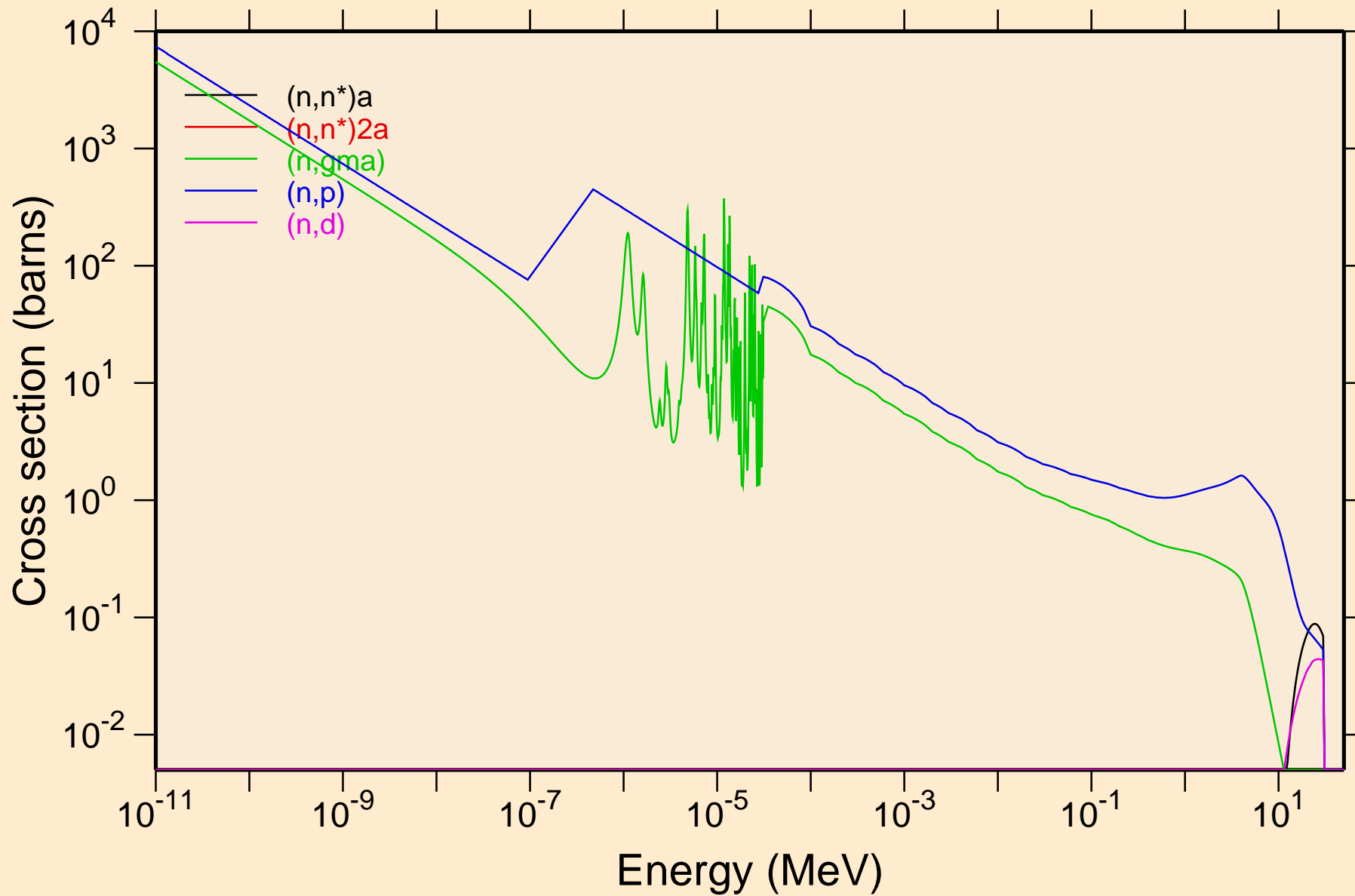


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



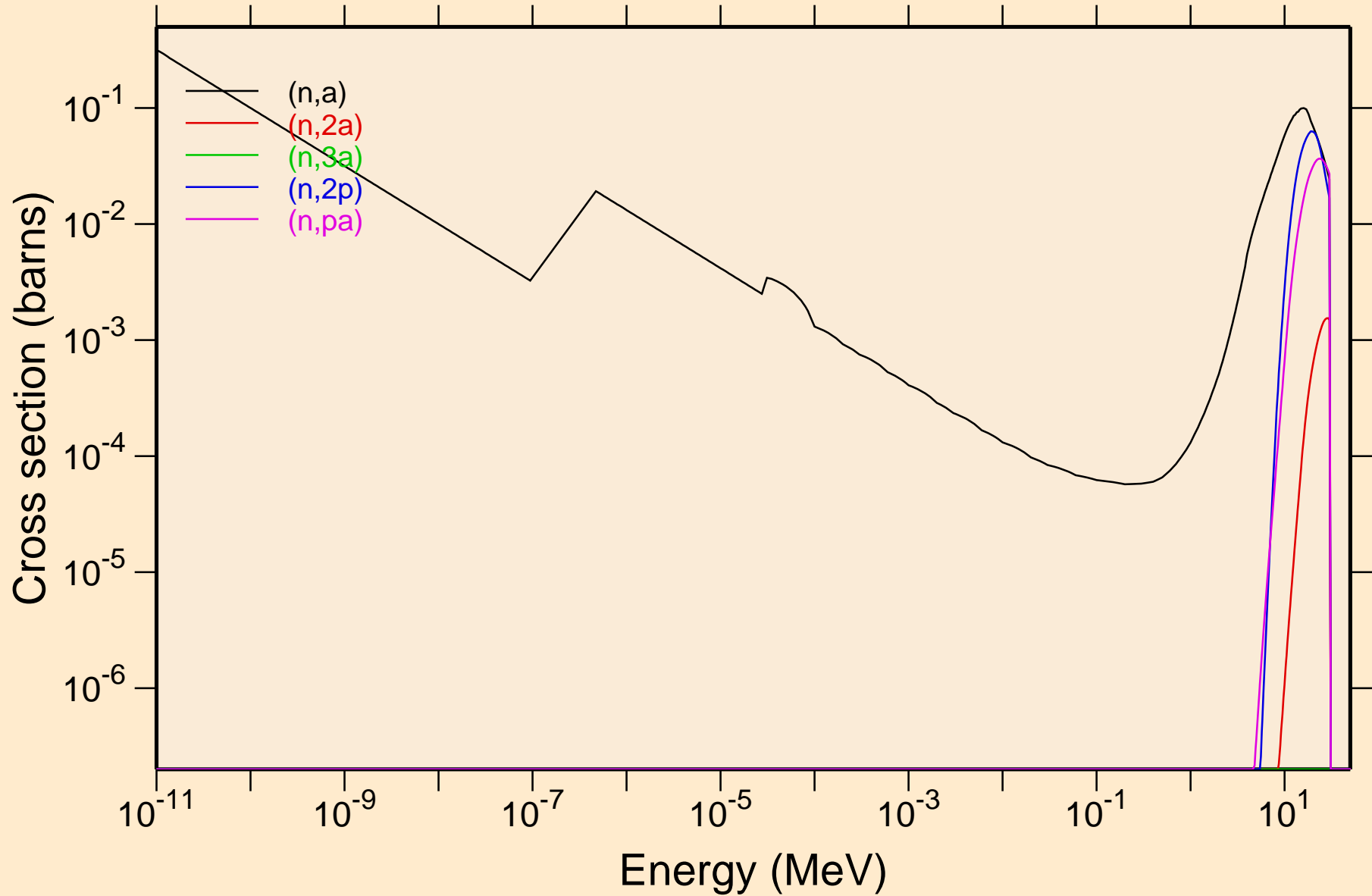
# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



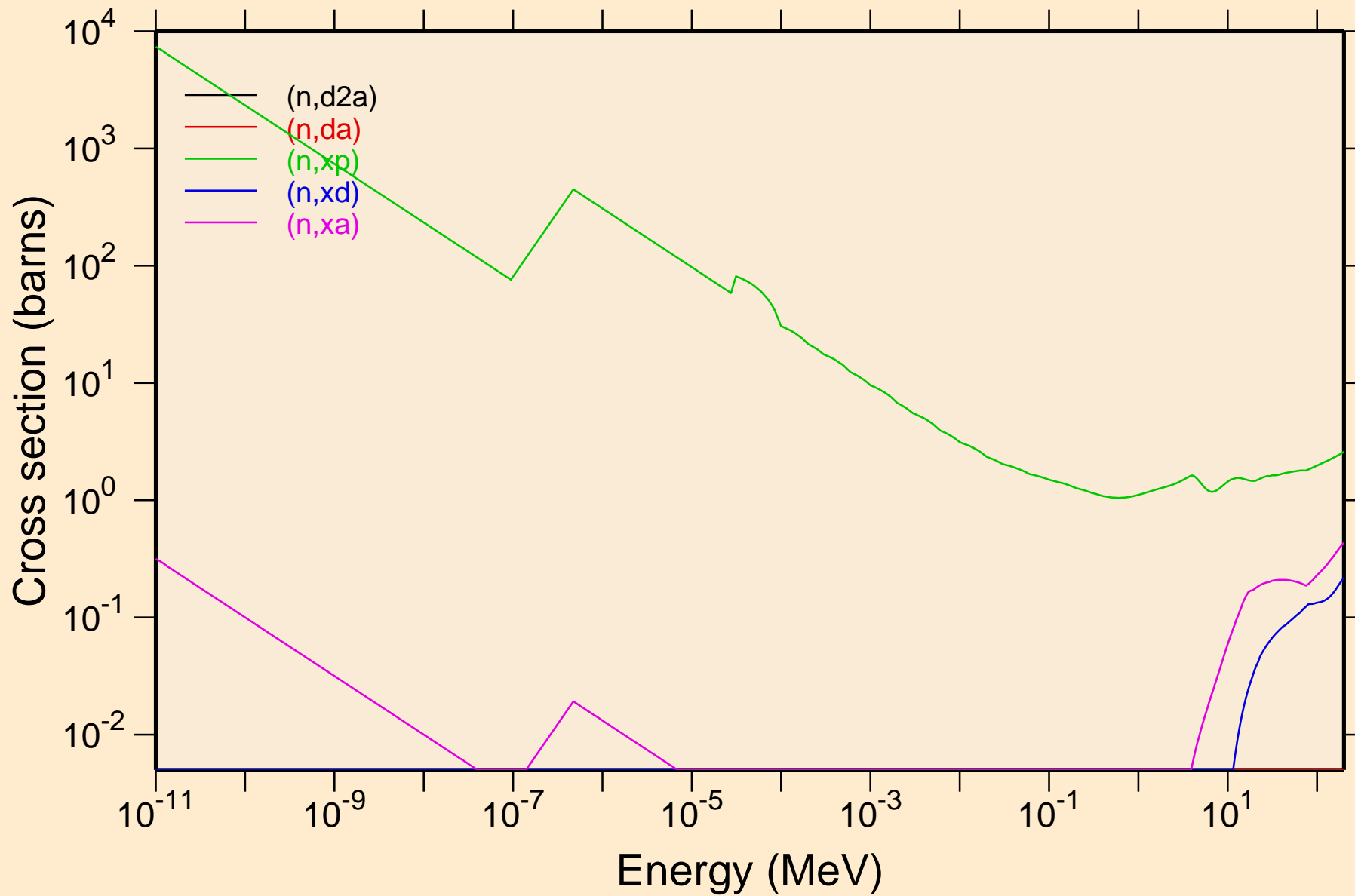
# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



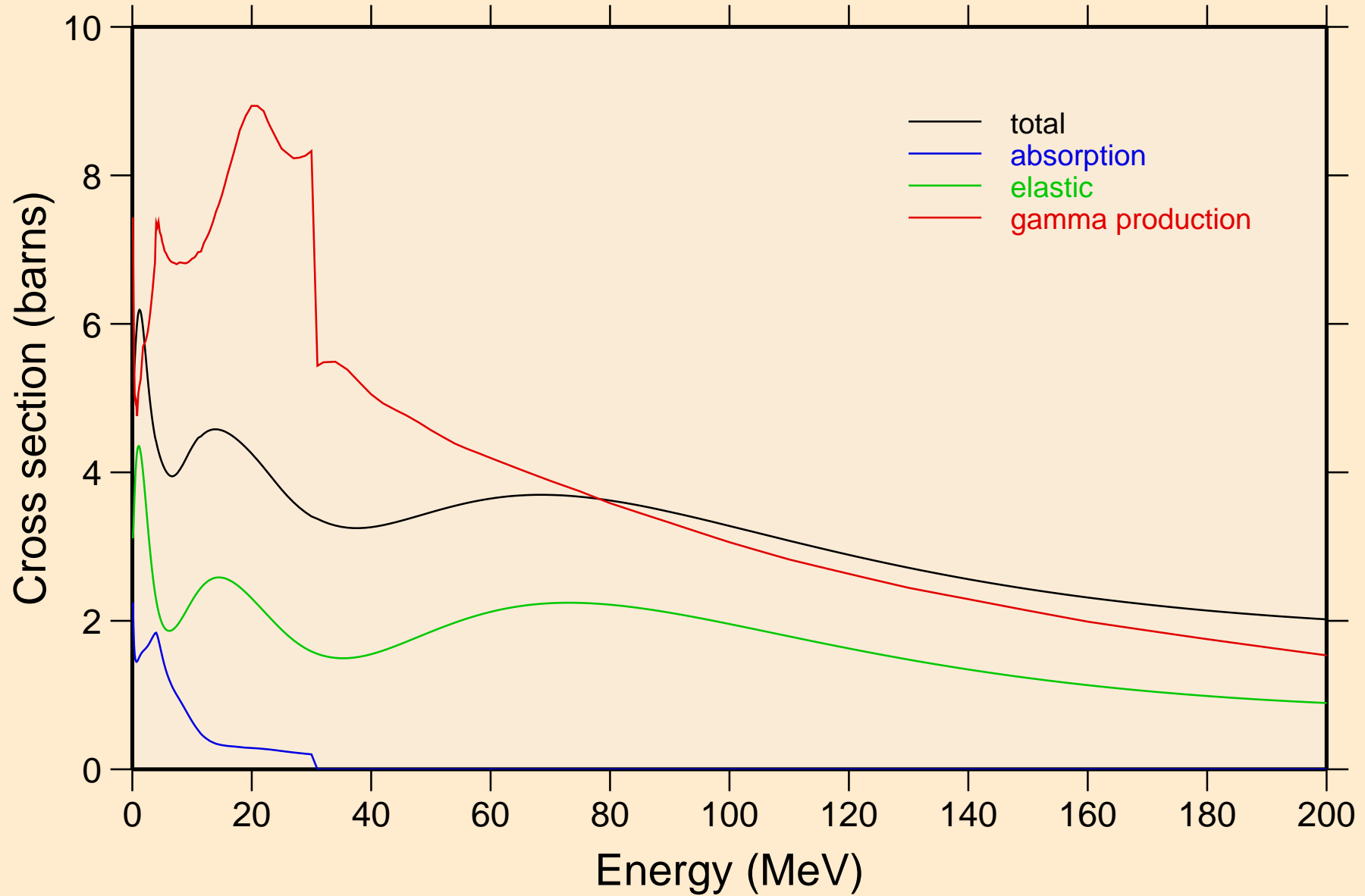
# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



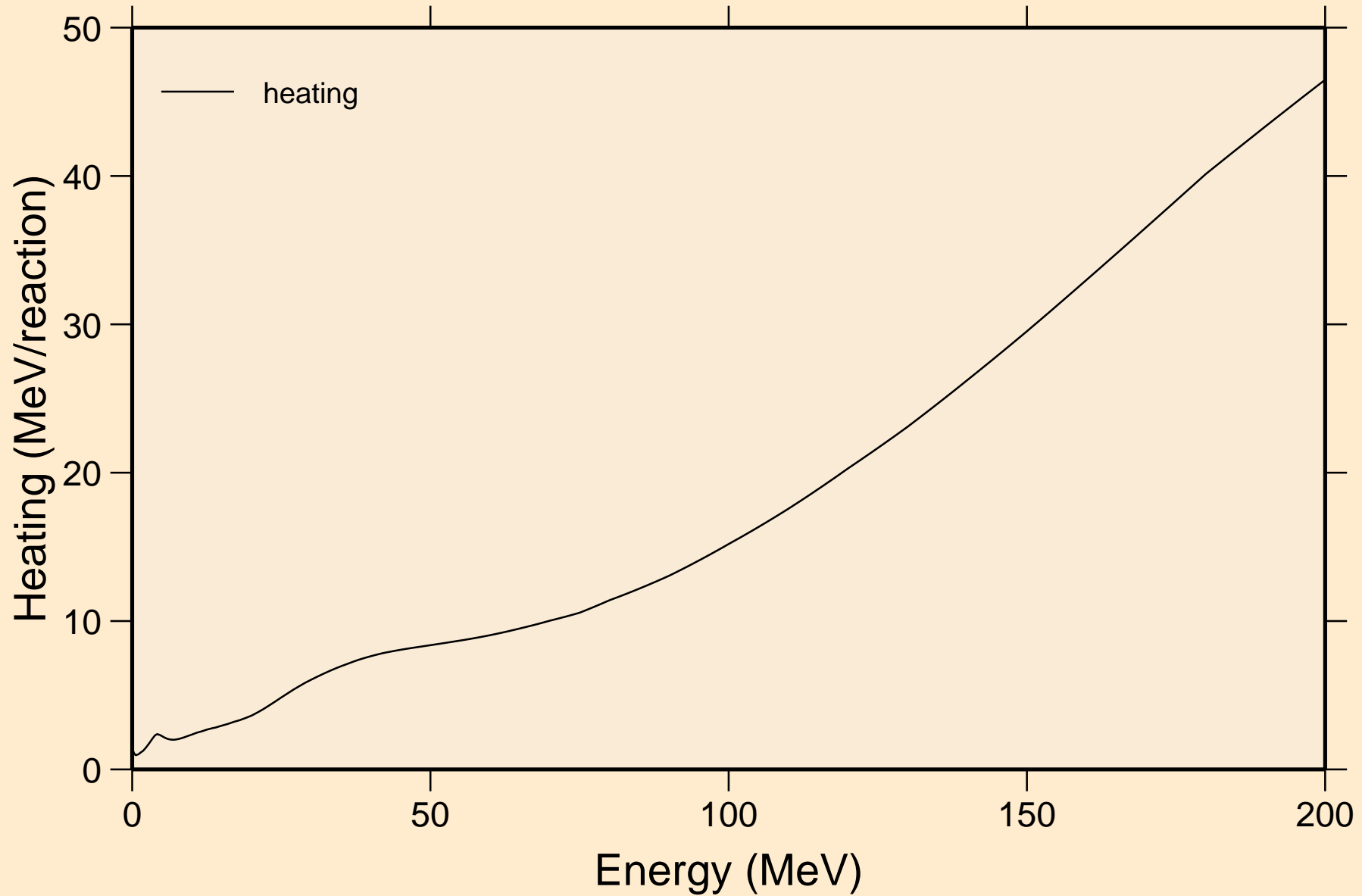
# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



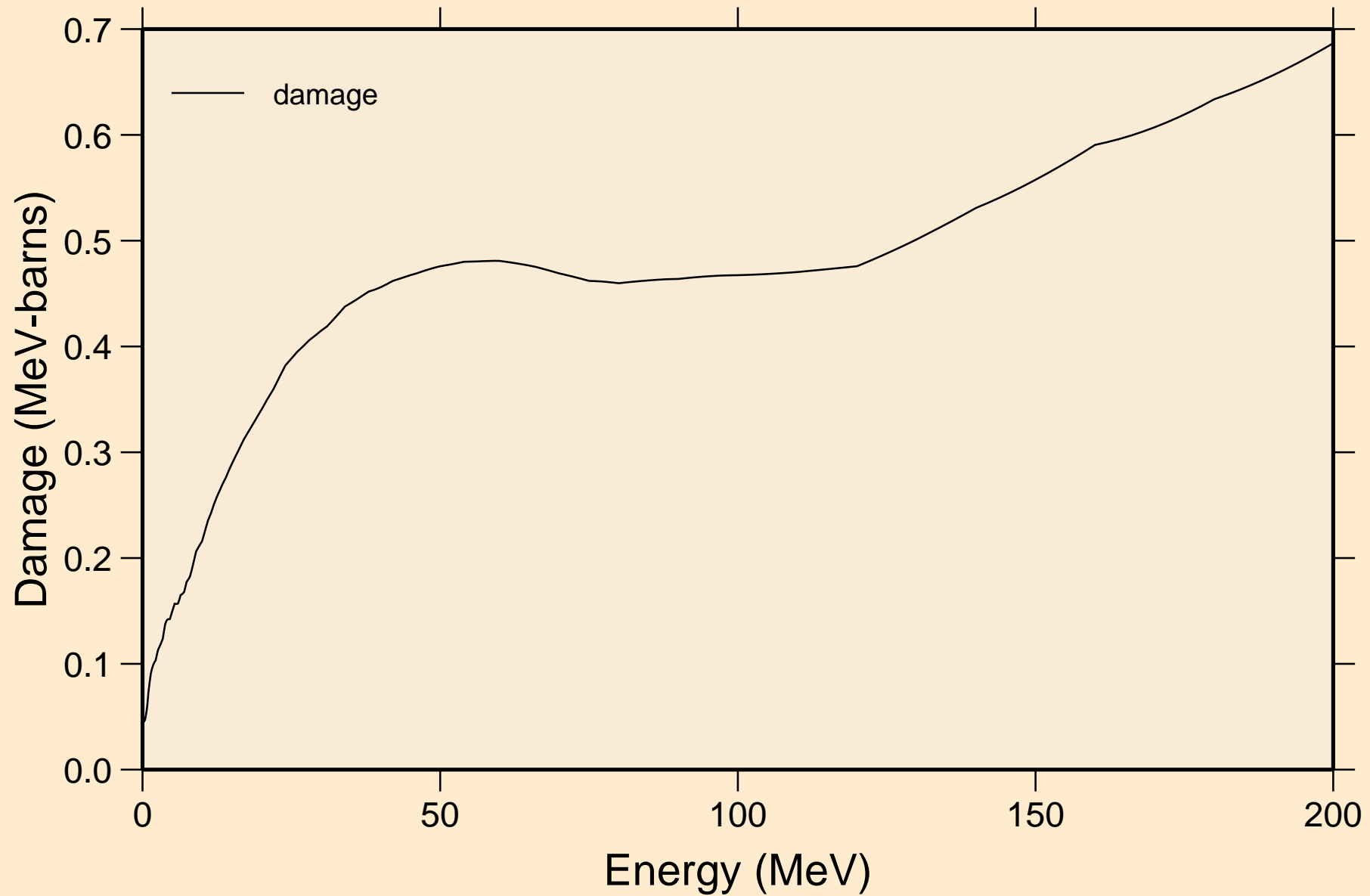
# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



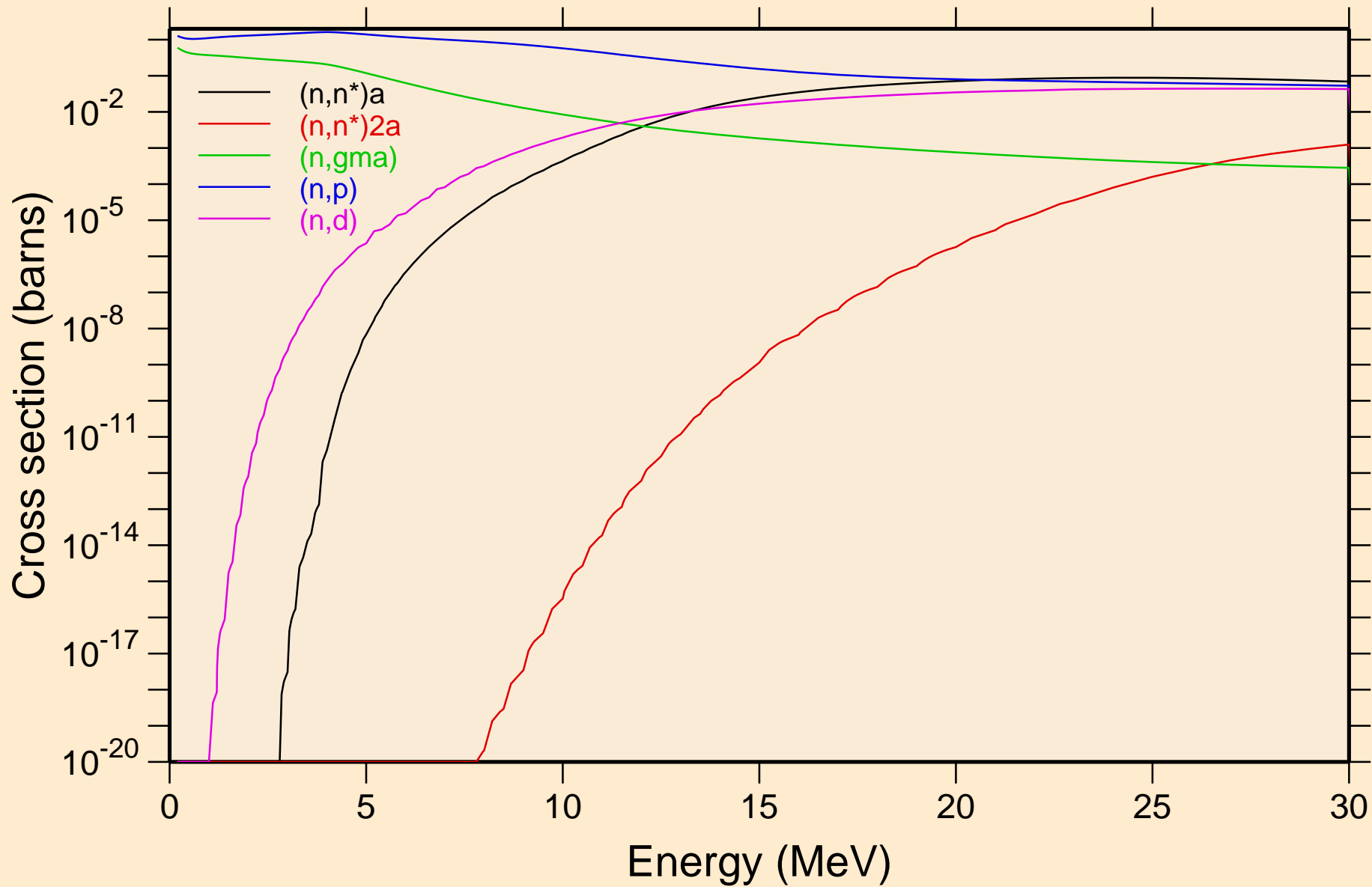
# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

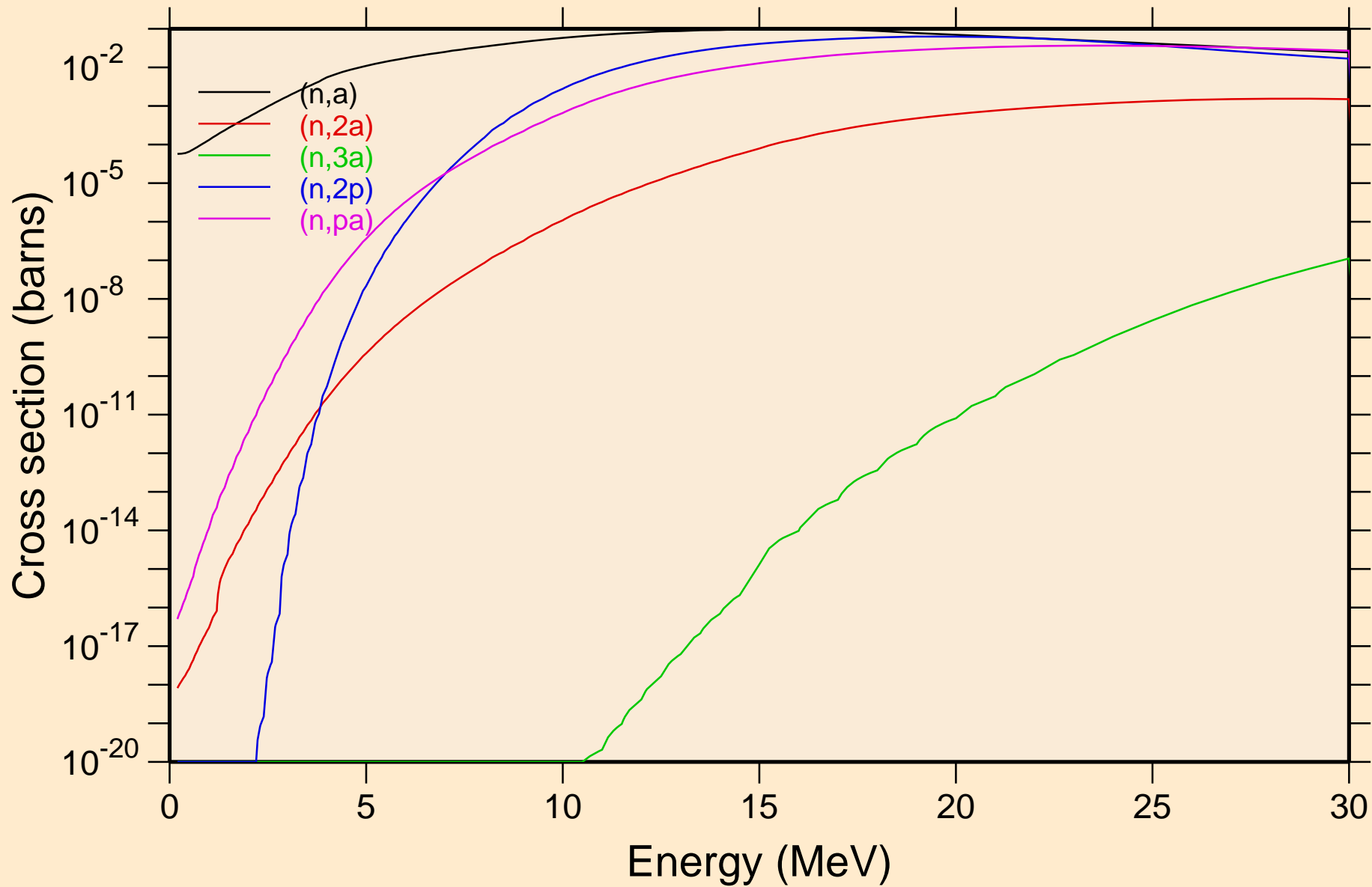
## Non-threshold reactions





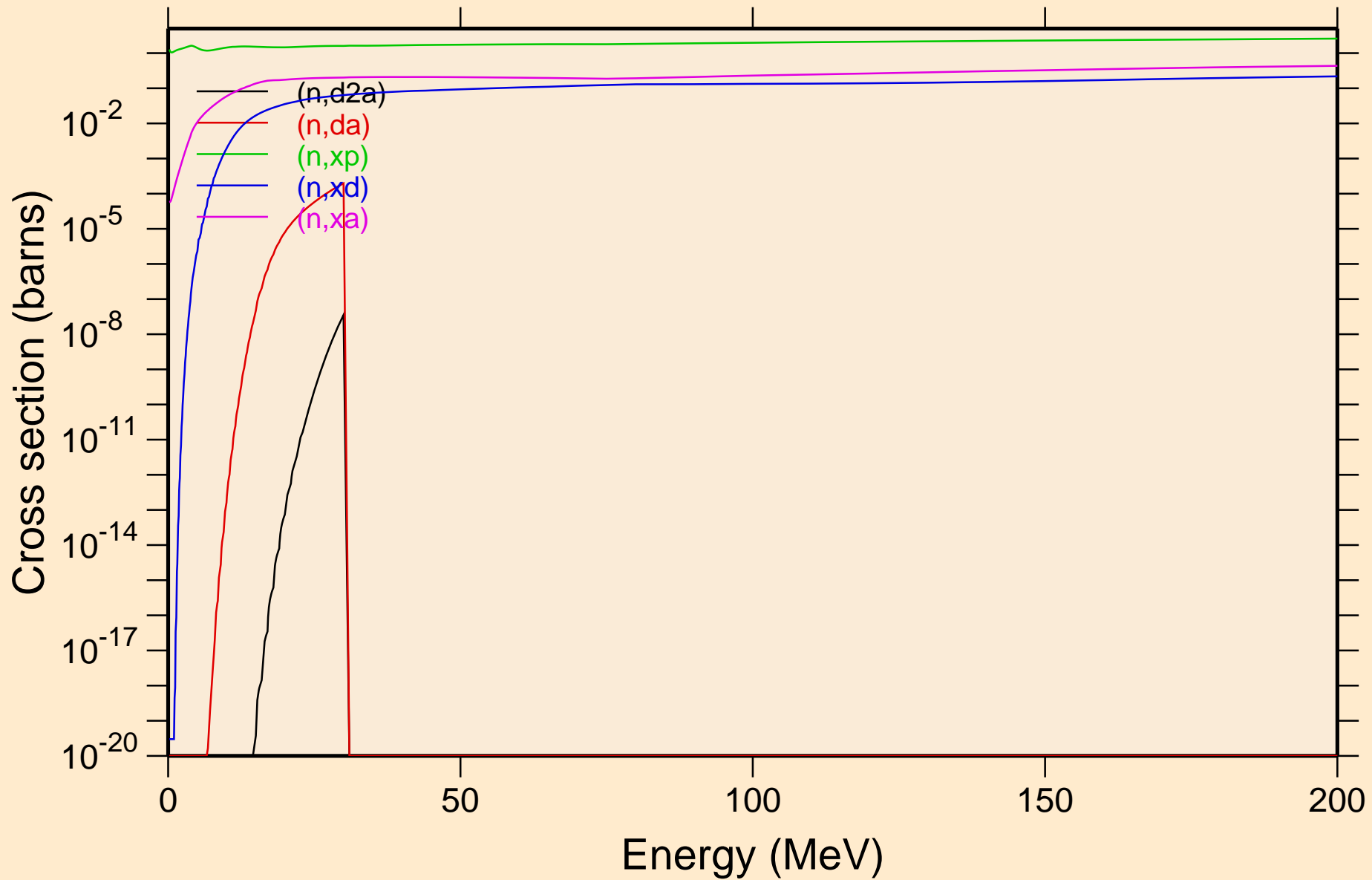
# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

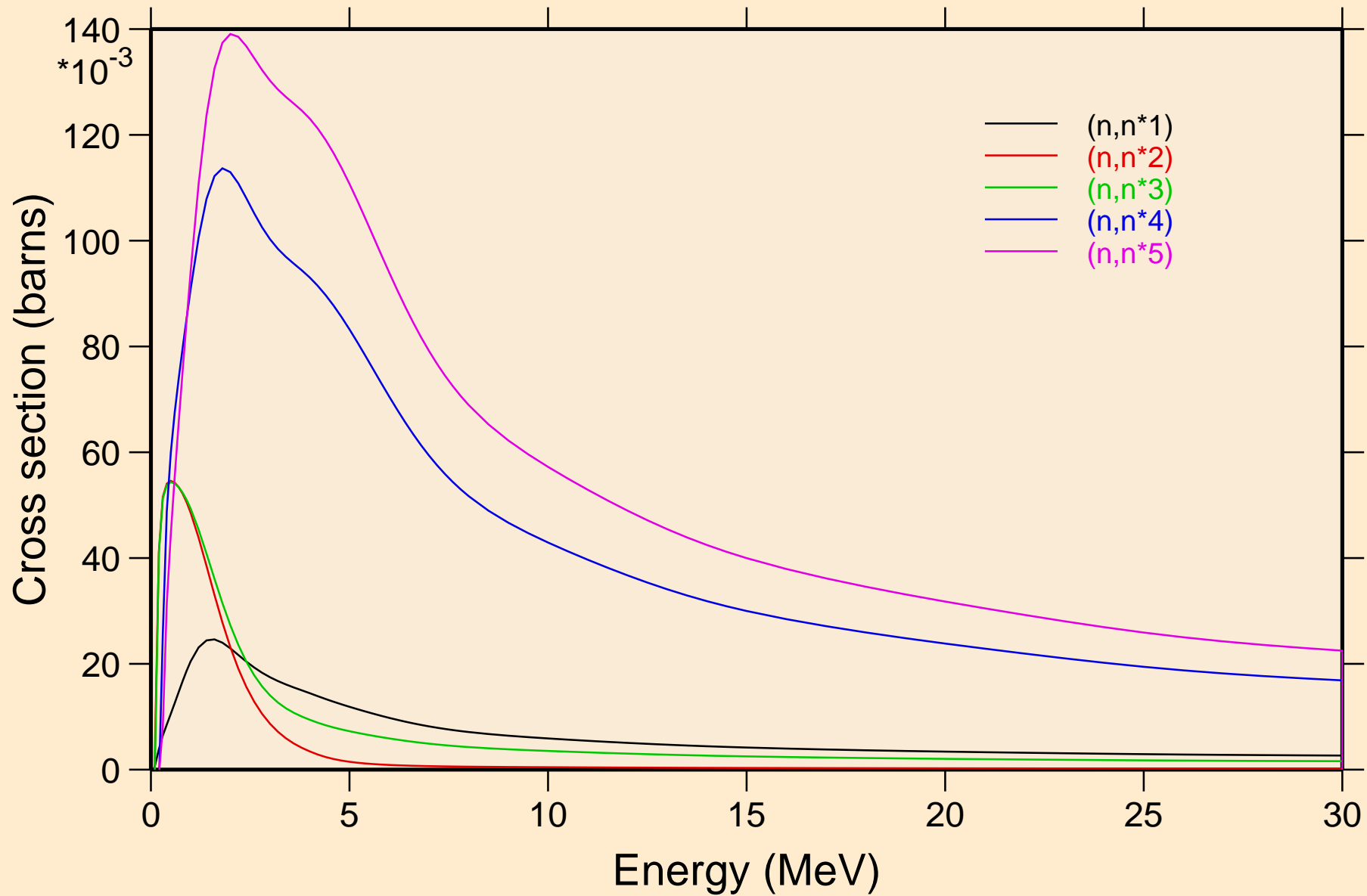


# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

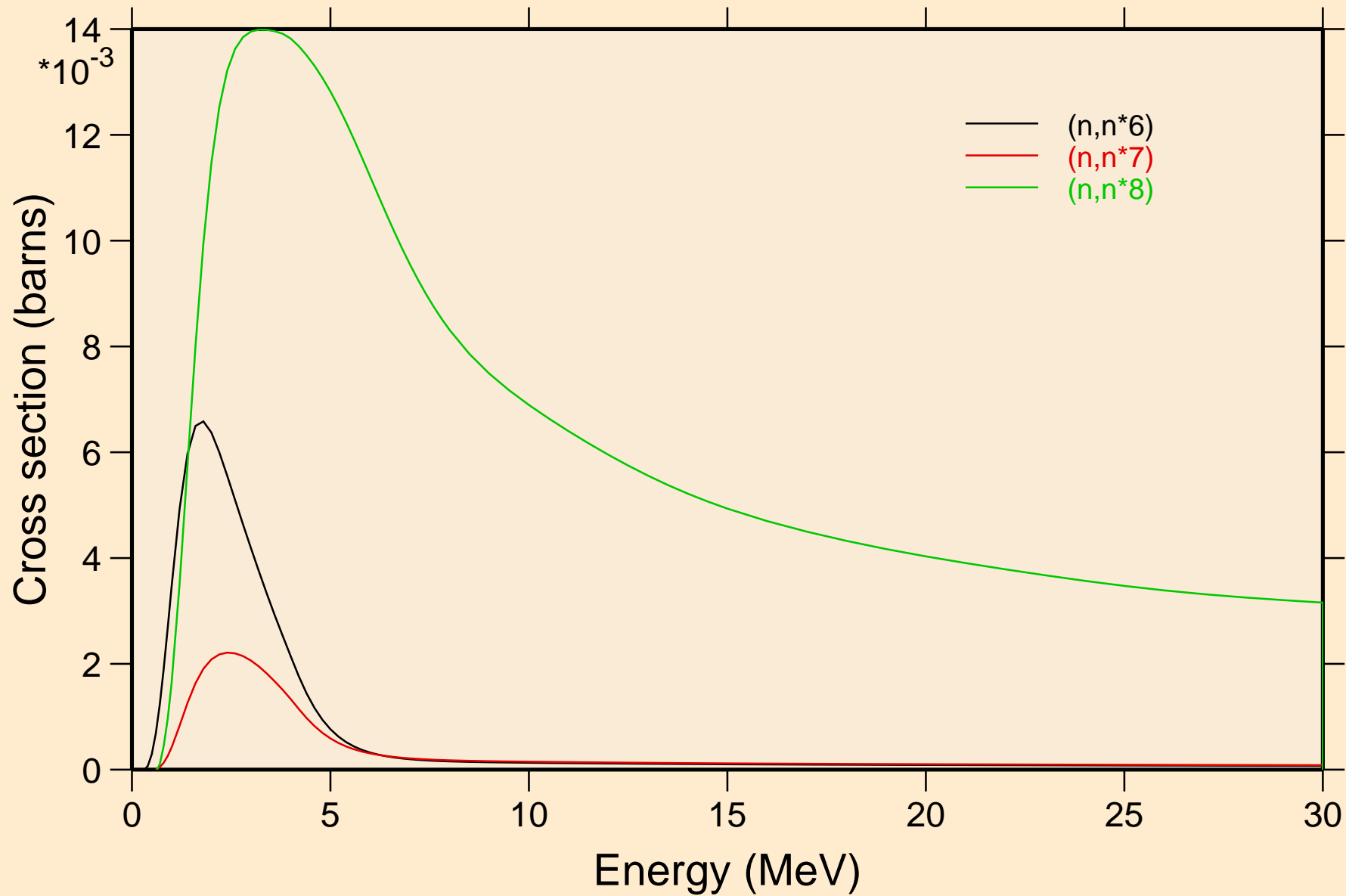
## Non-threshold reactions



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

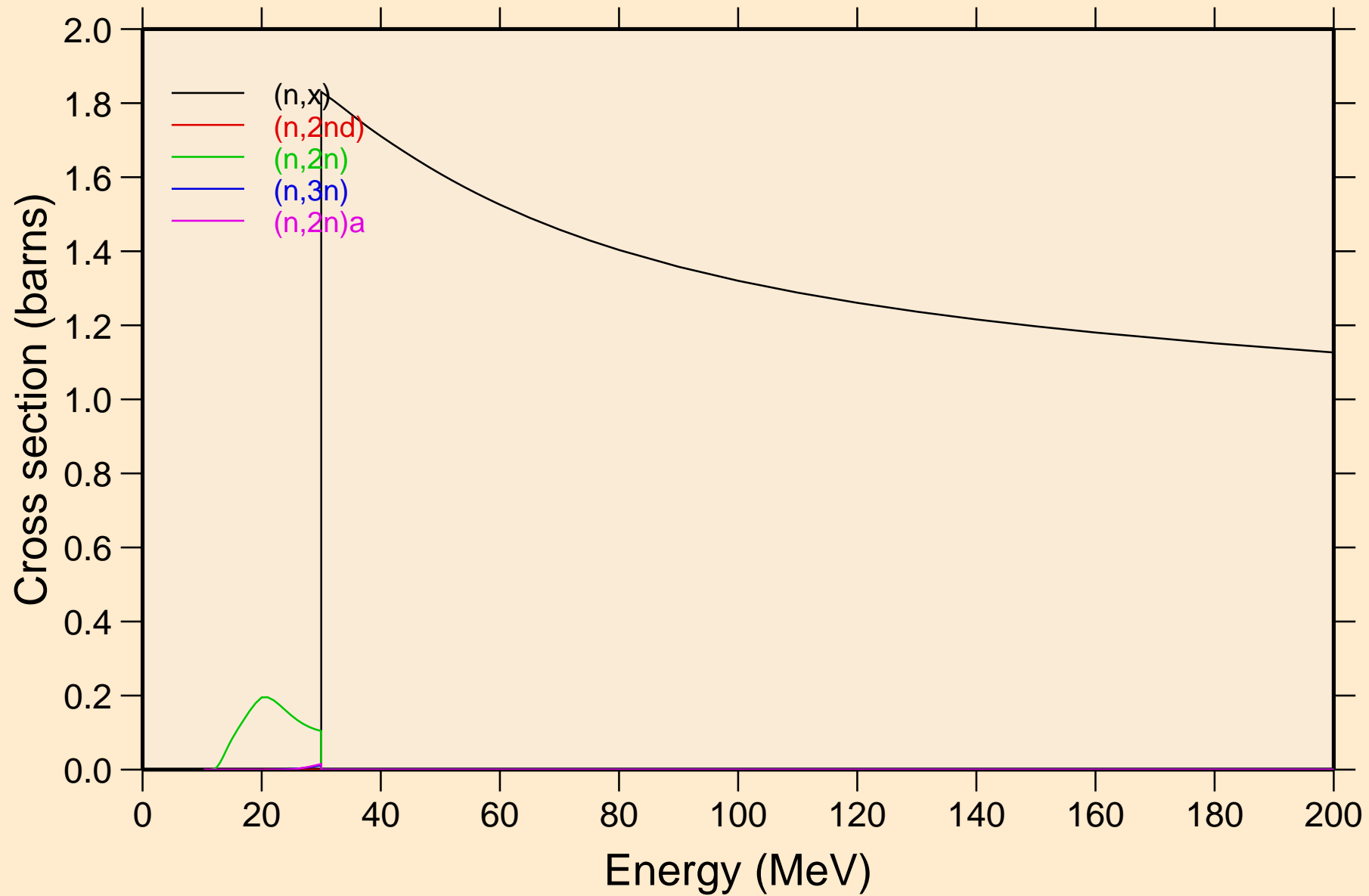


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



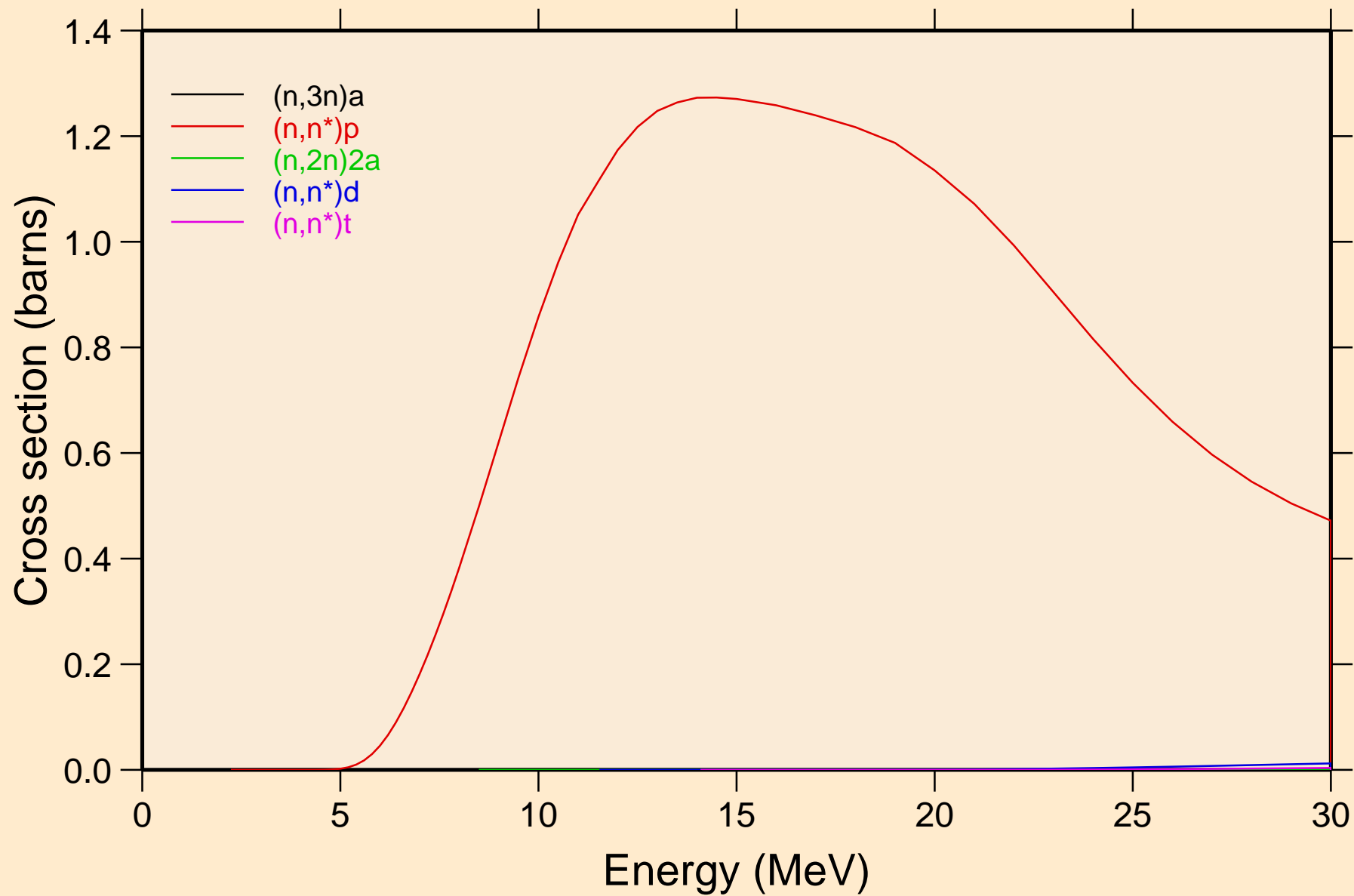
# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



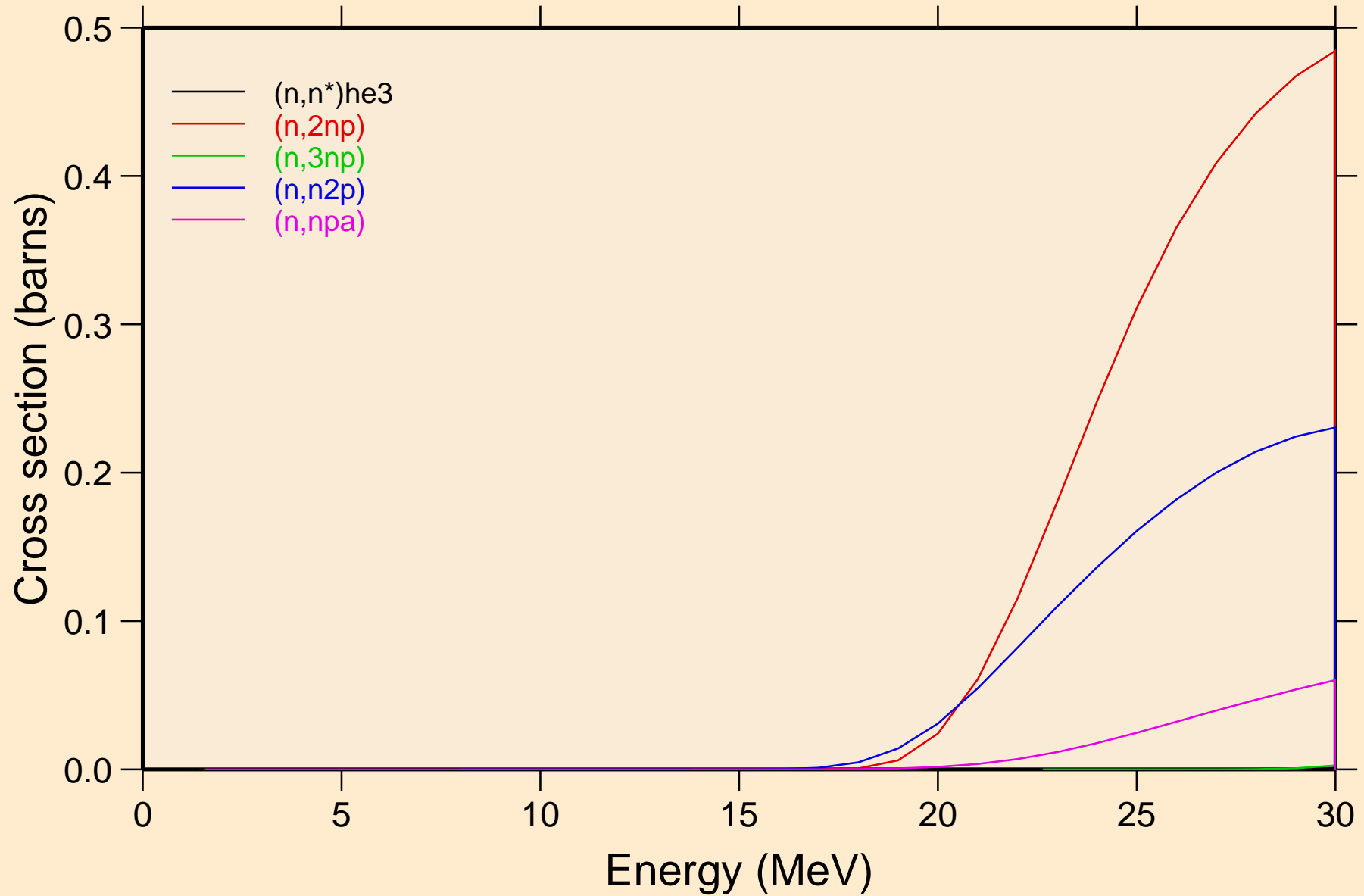
# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

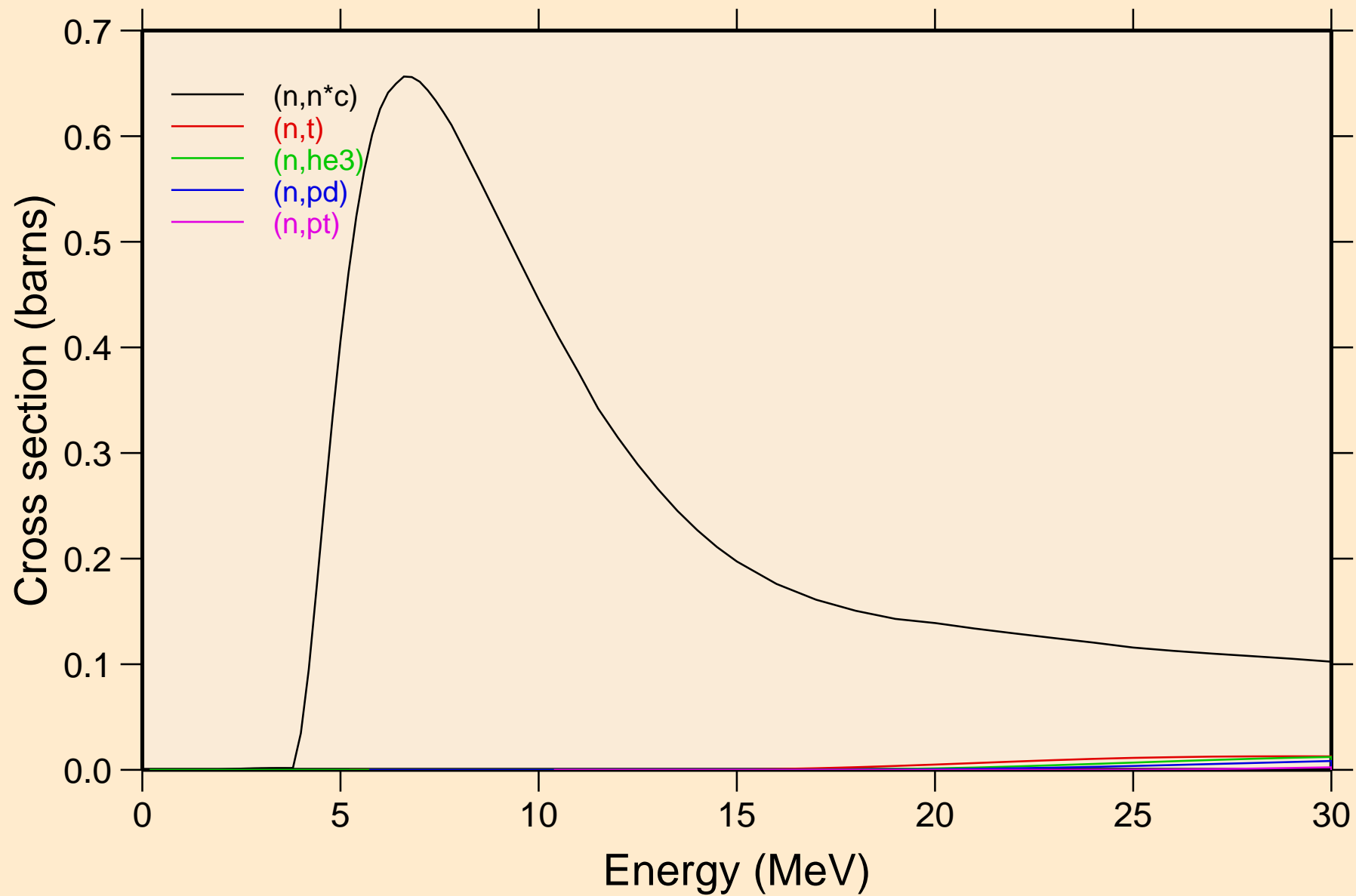


# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

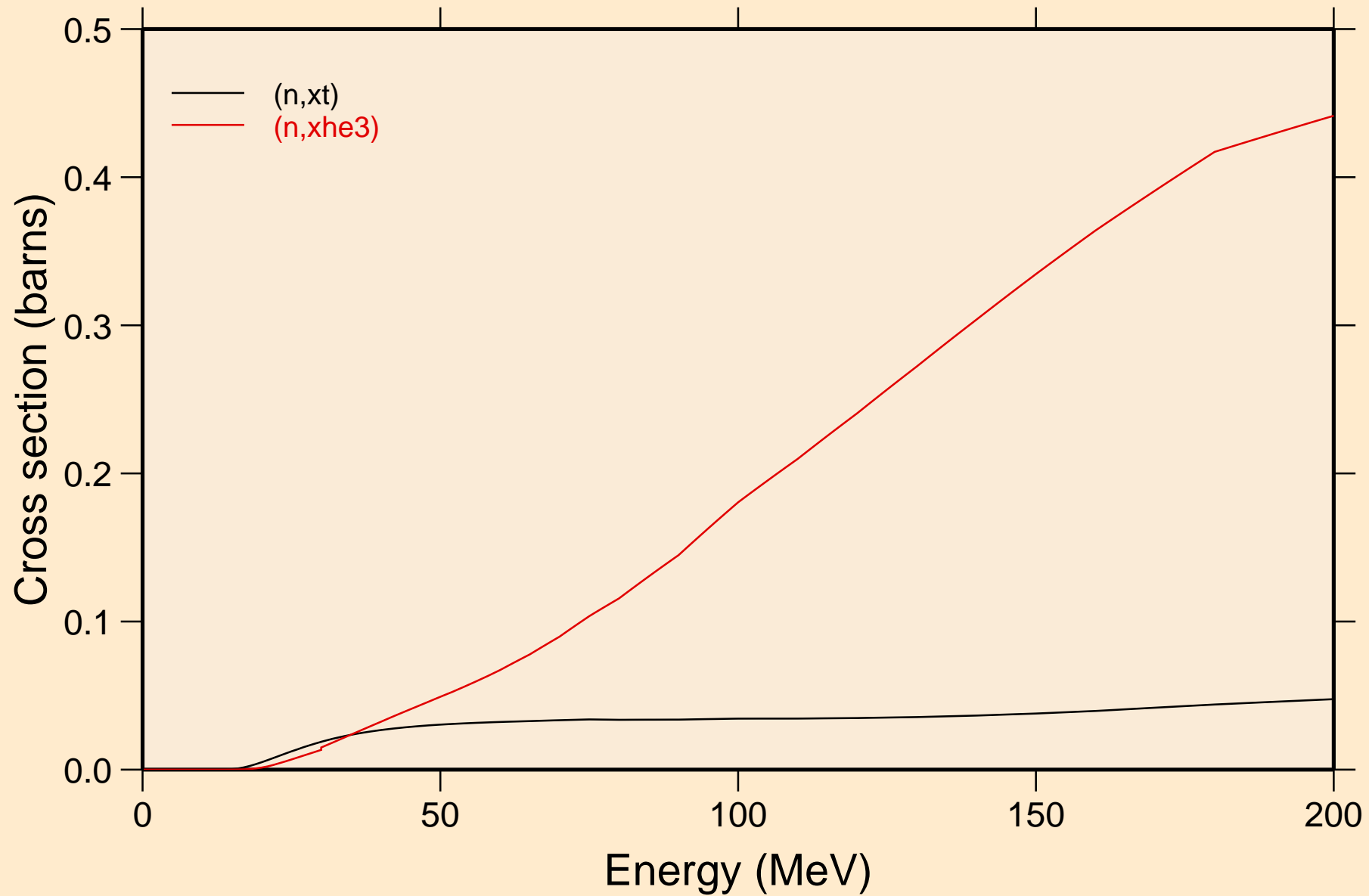


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

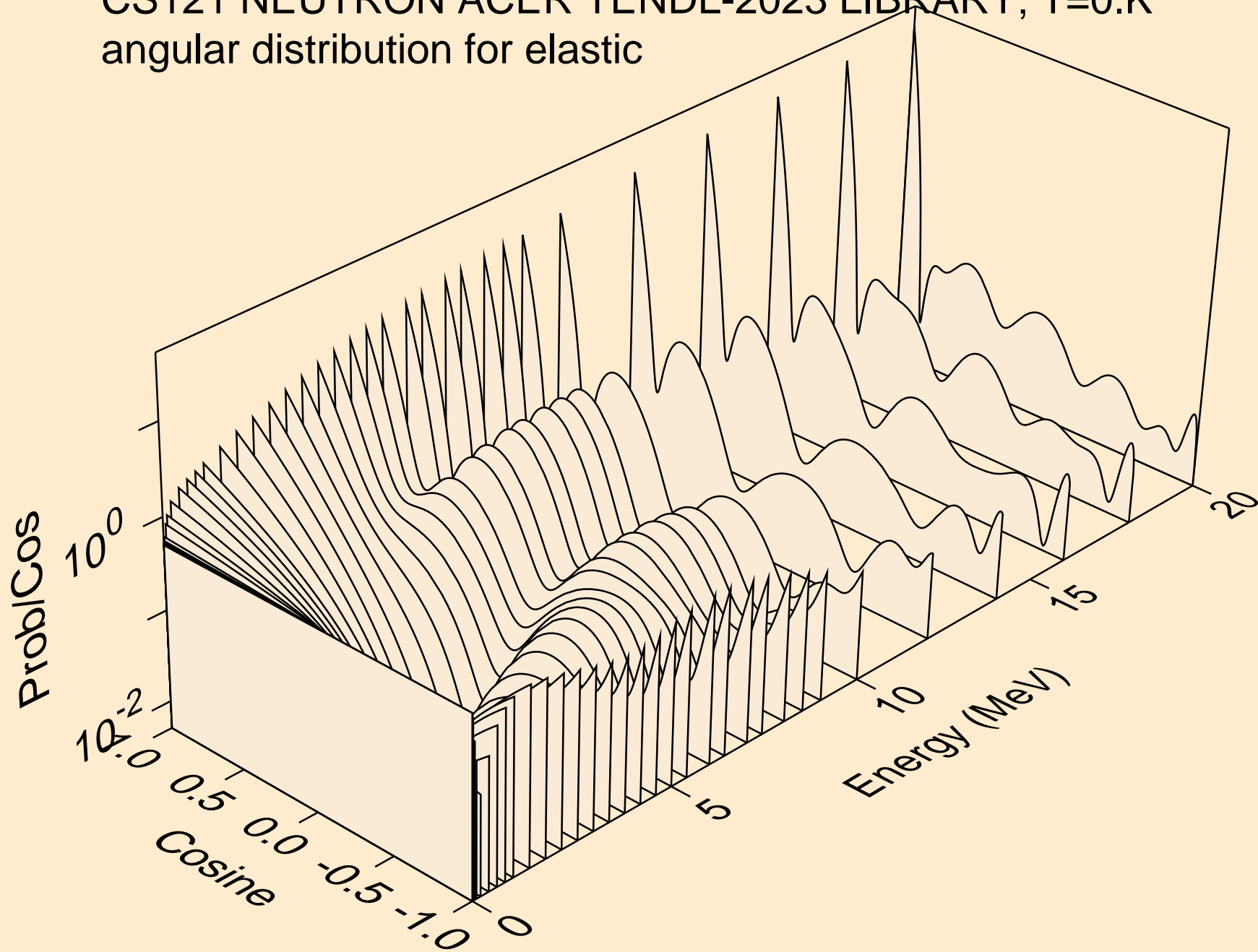




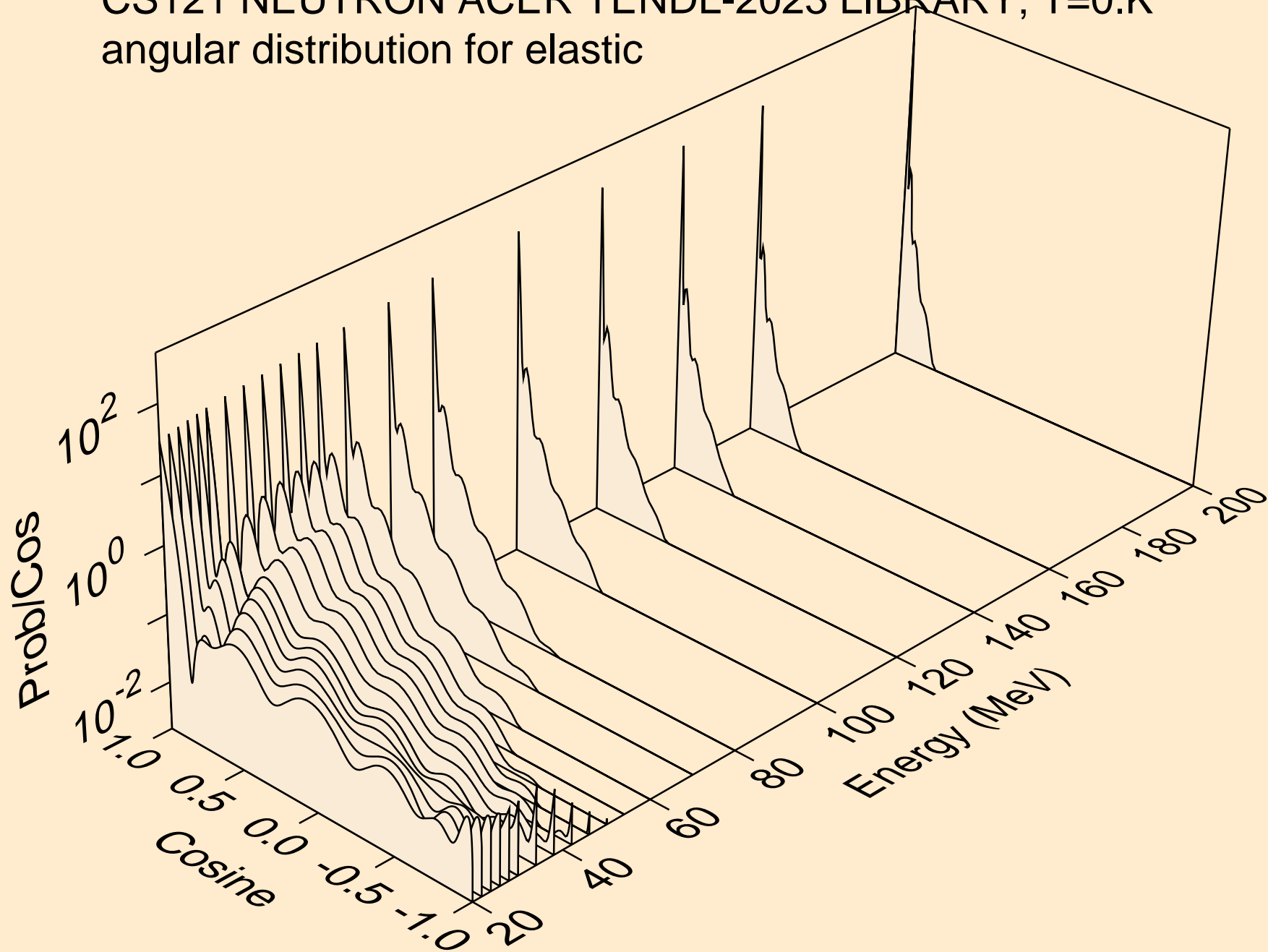
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



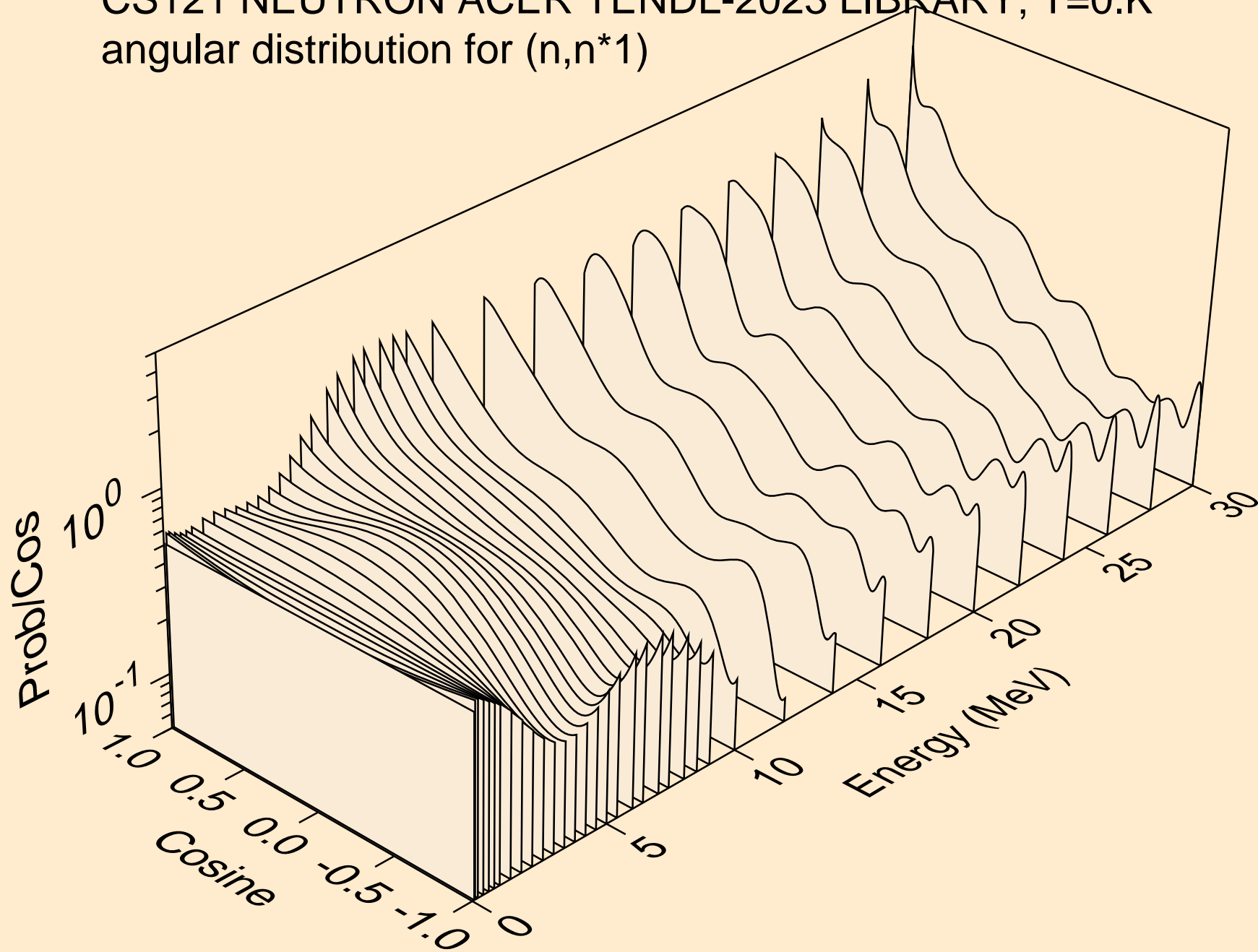
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



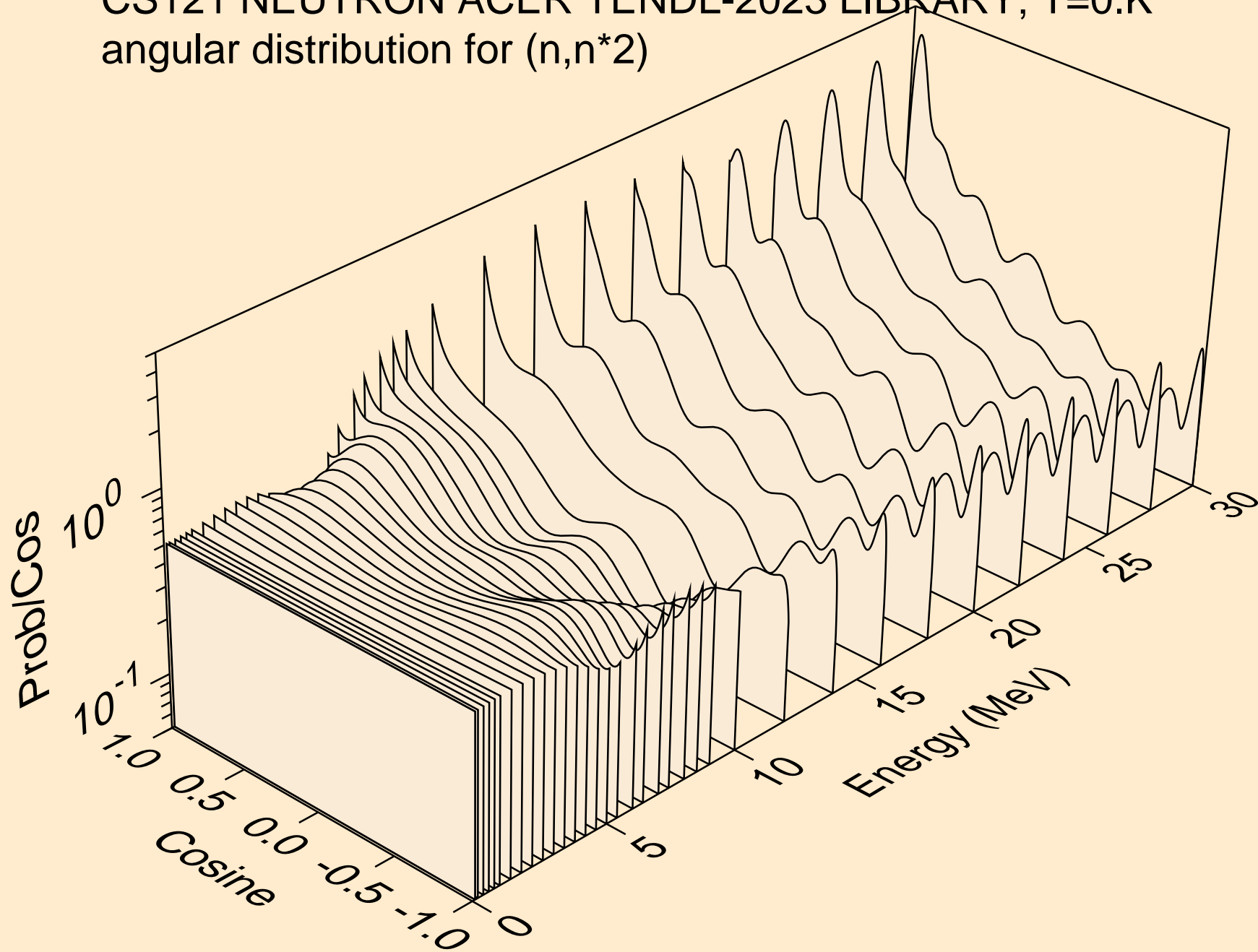
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



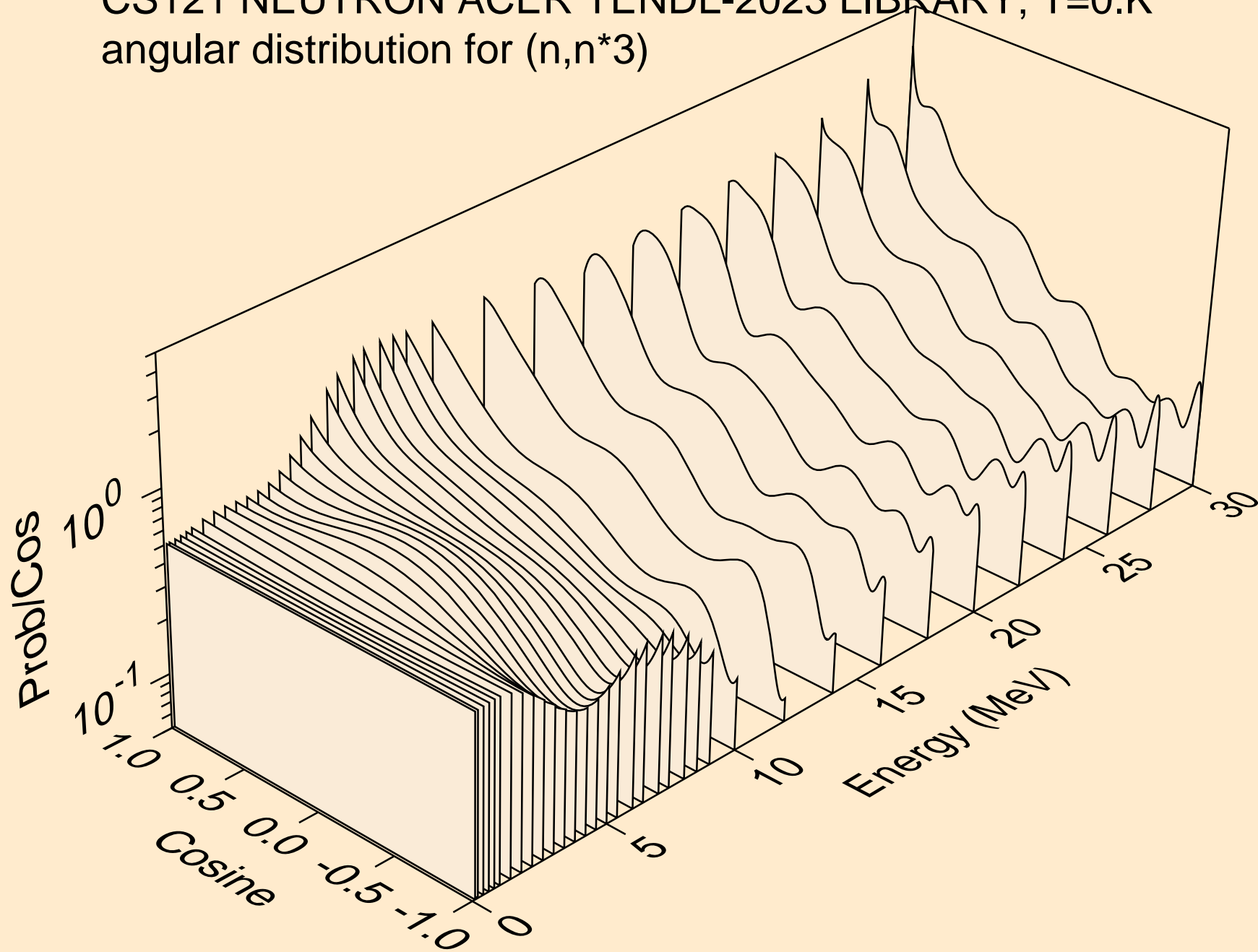
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



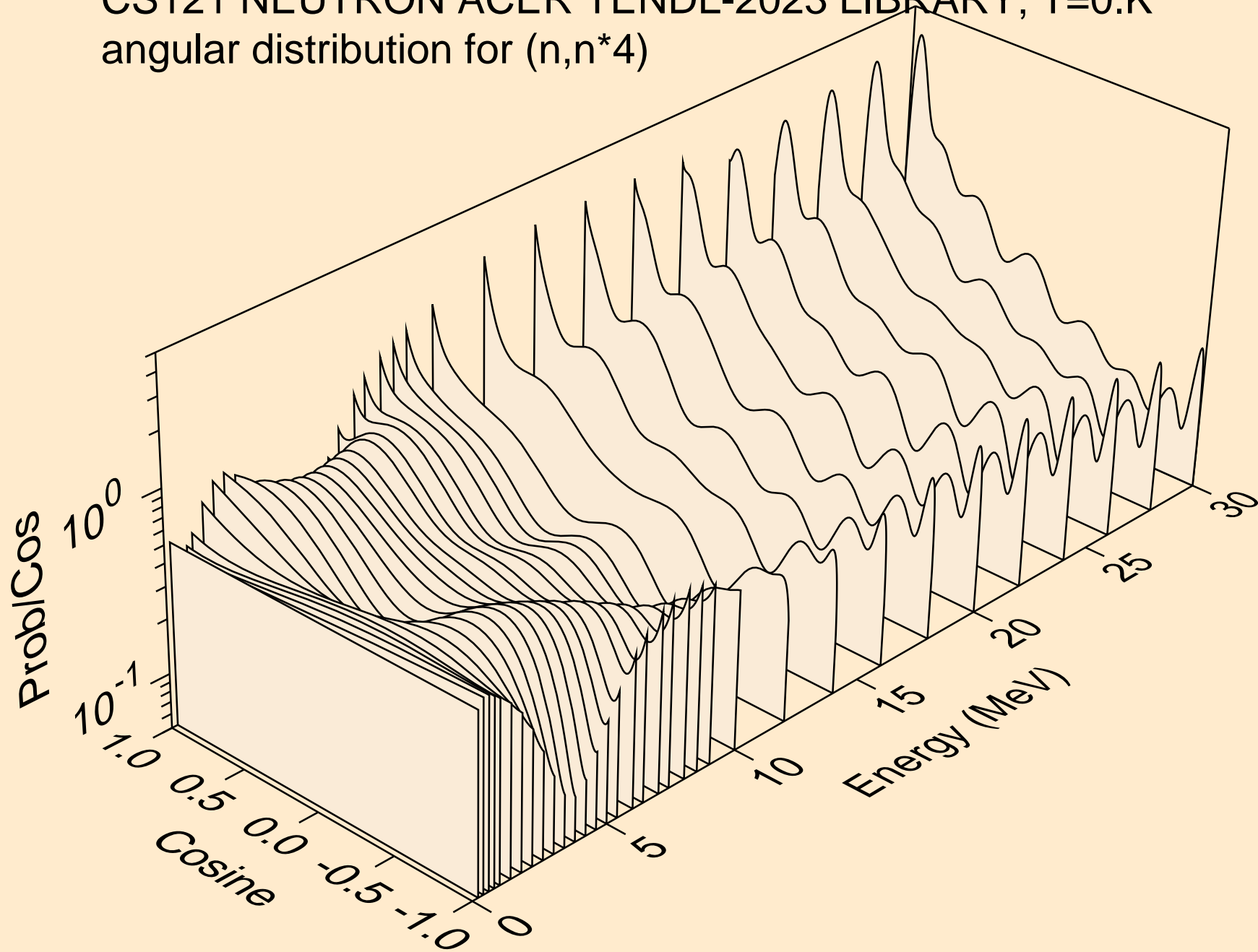
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



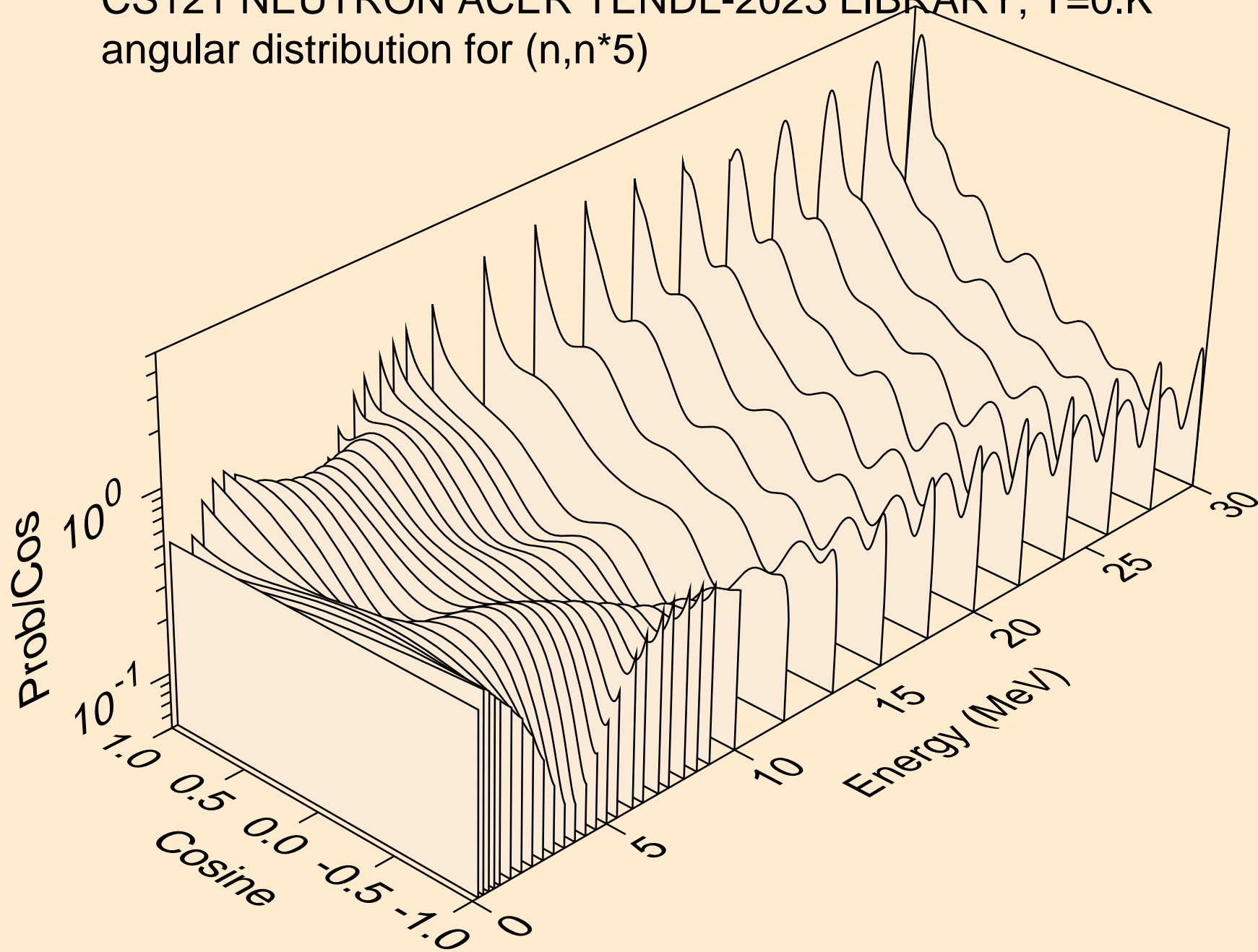
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

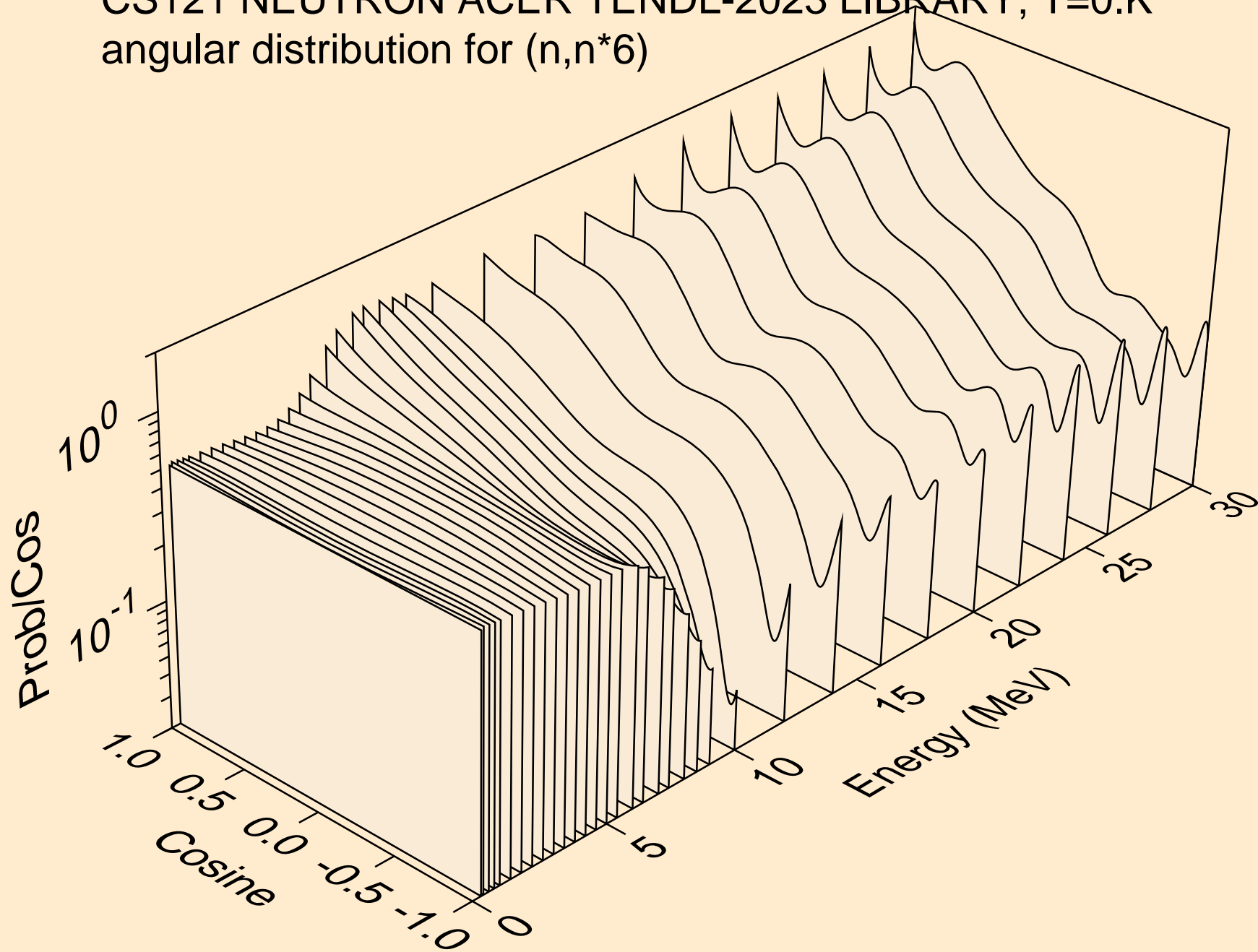


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

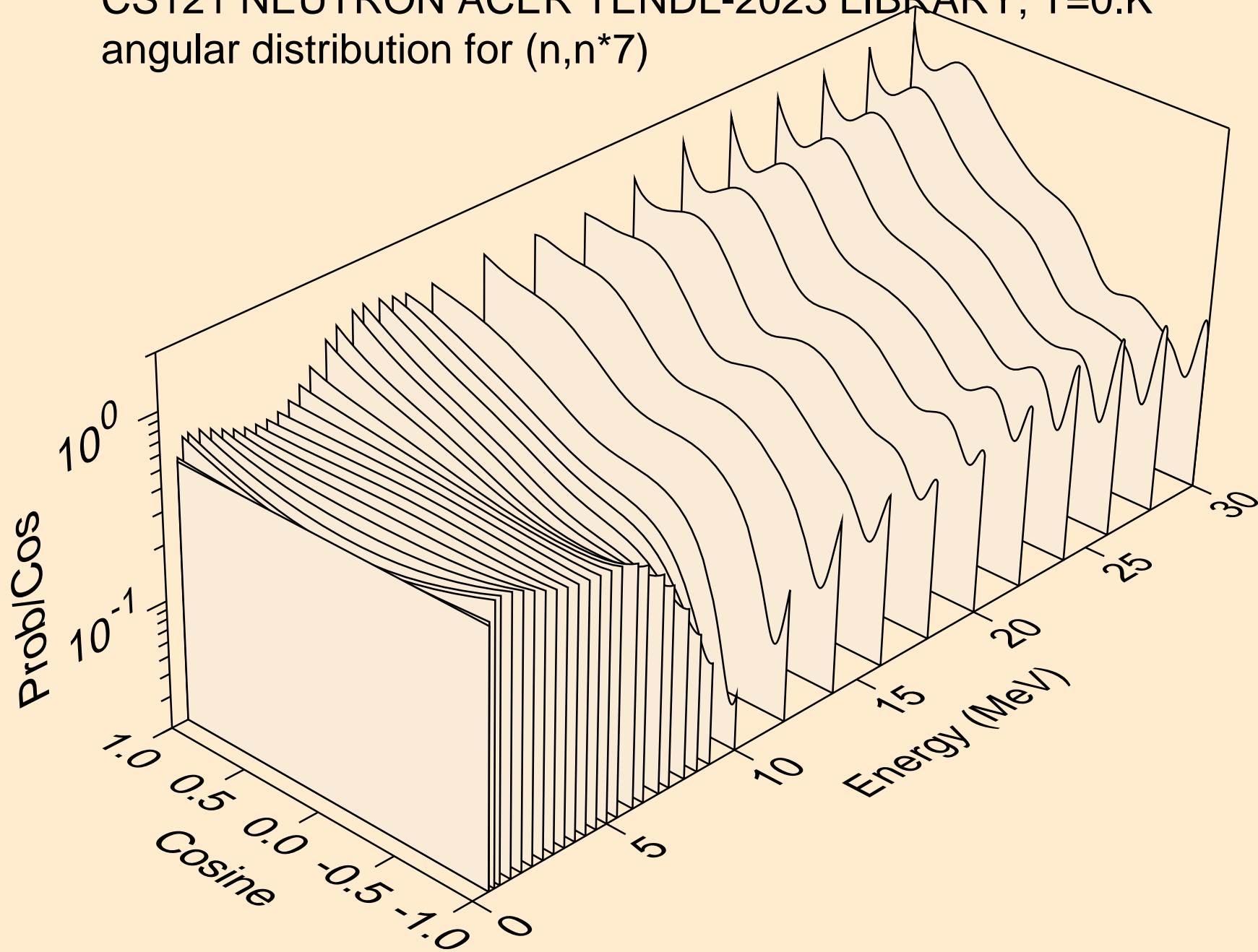




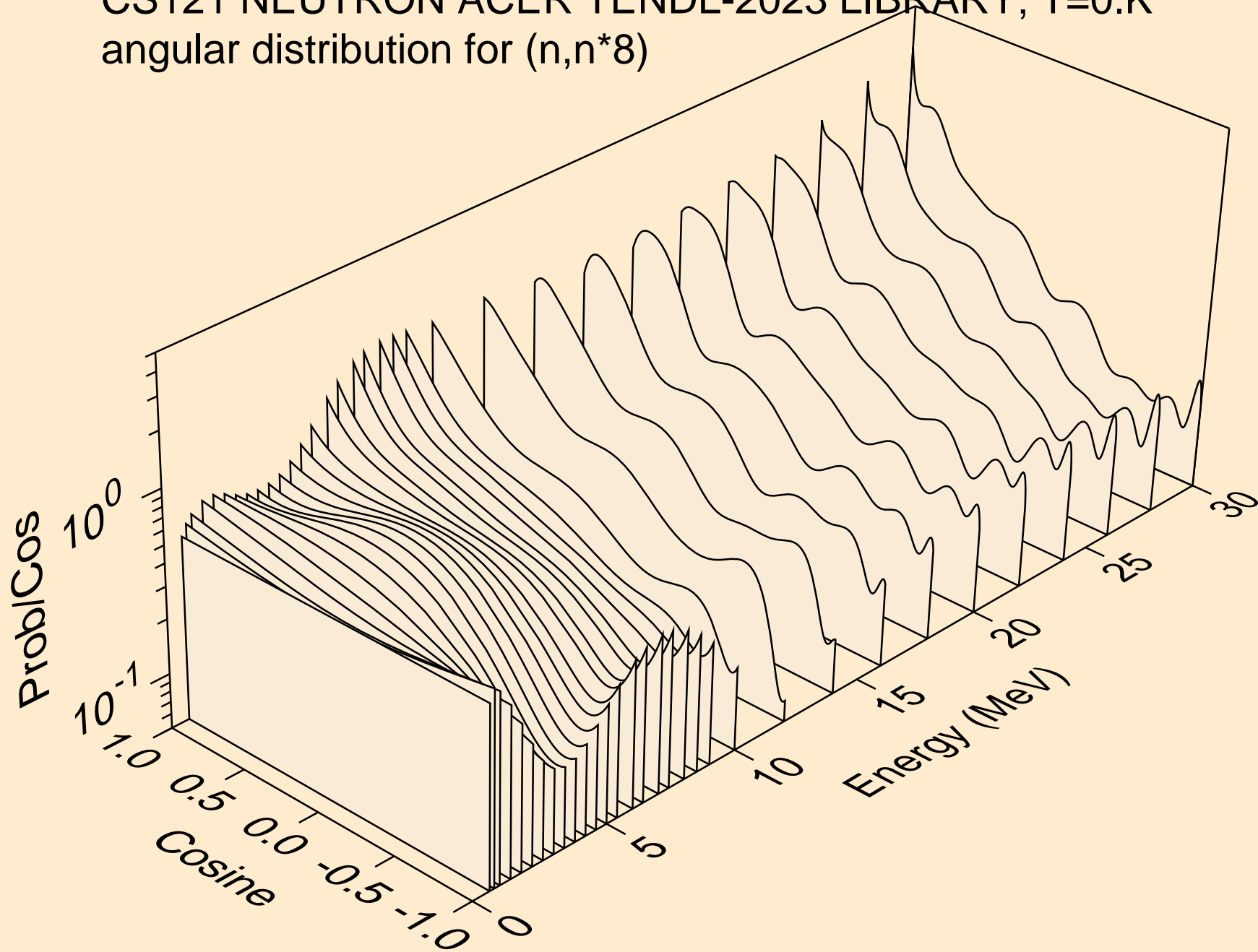
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



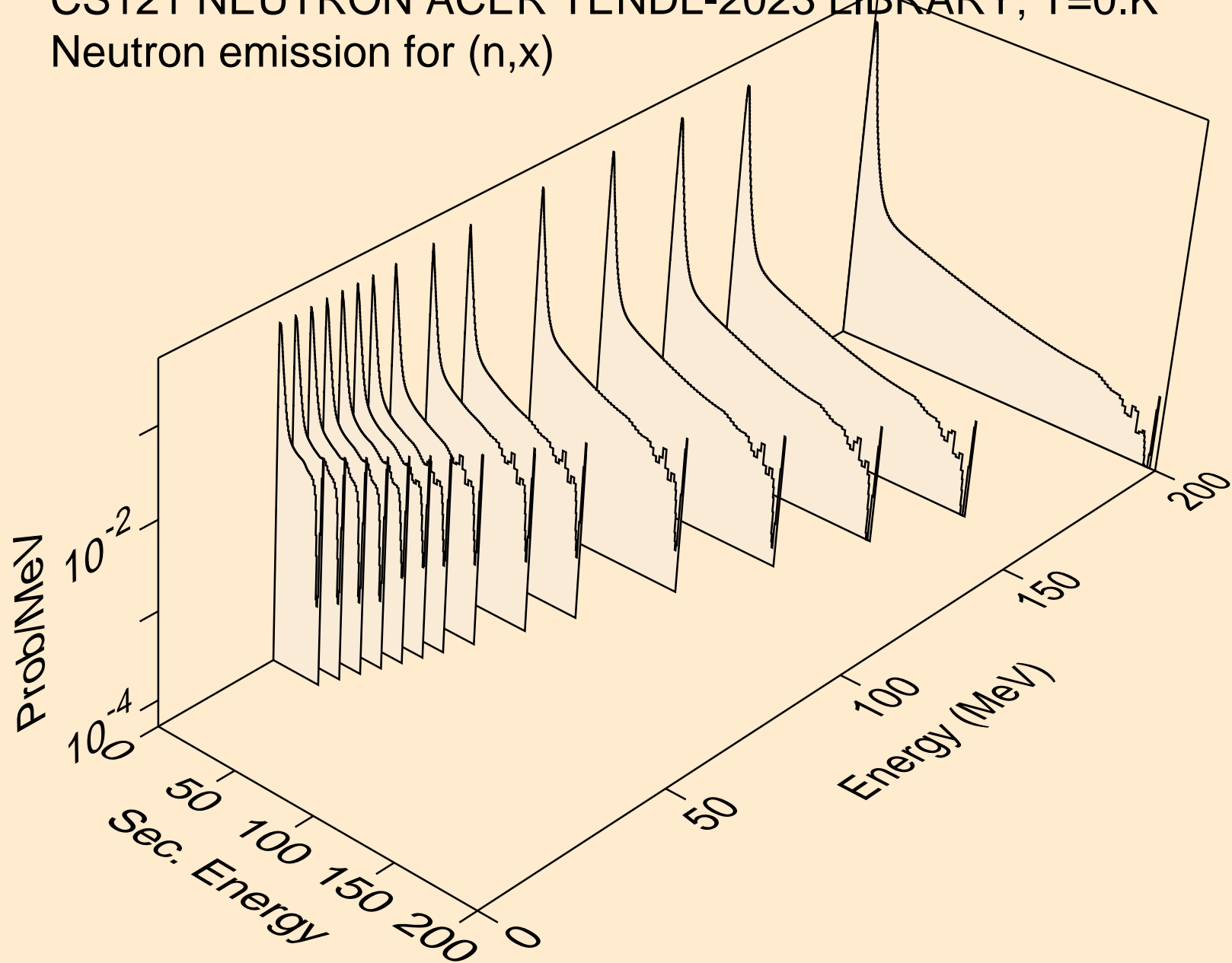
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



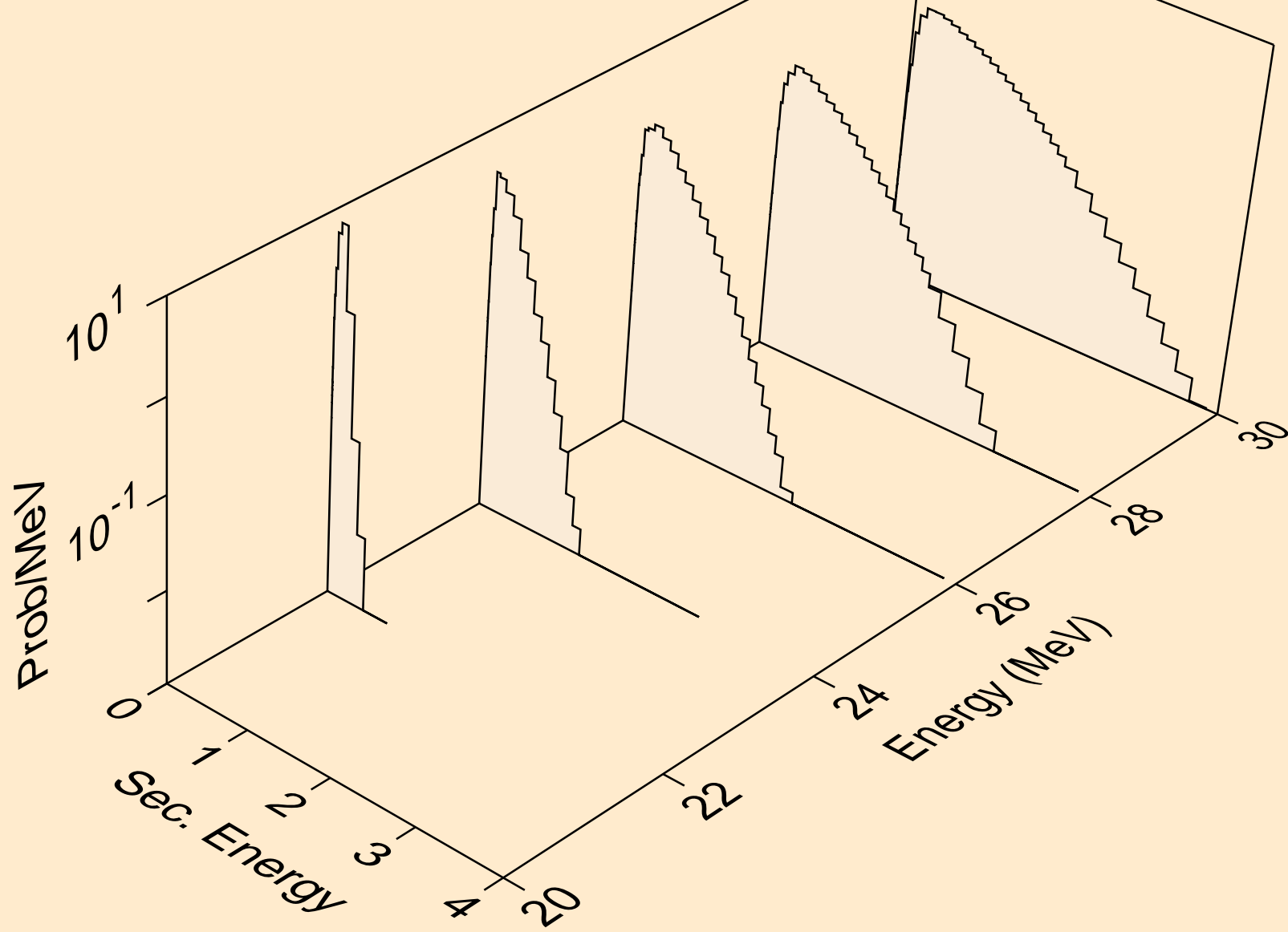
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



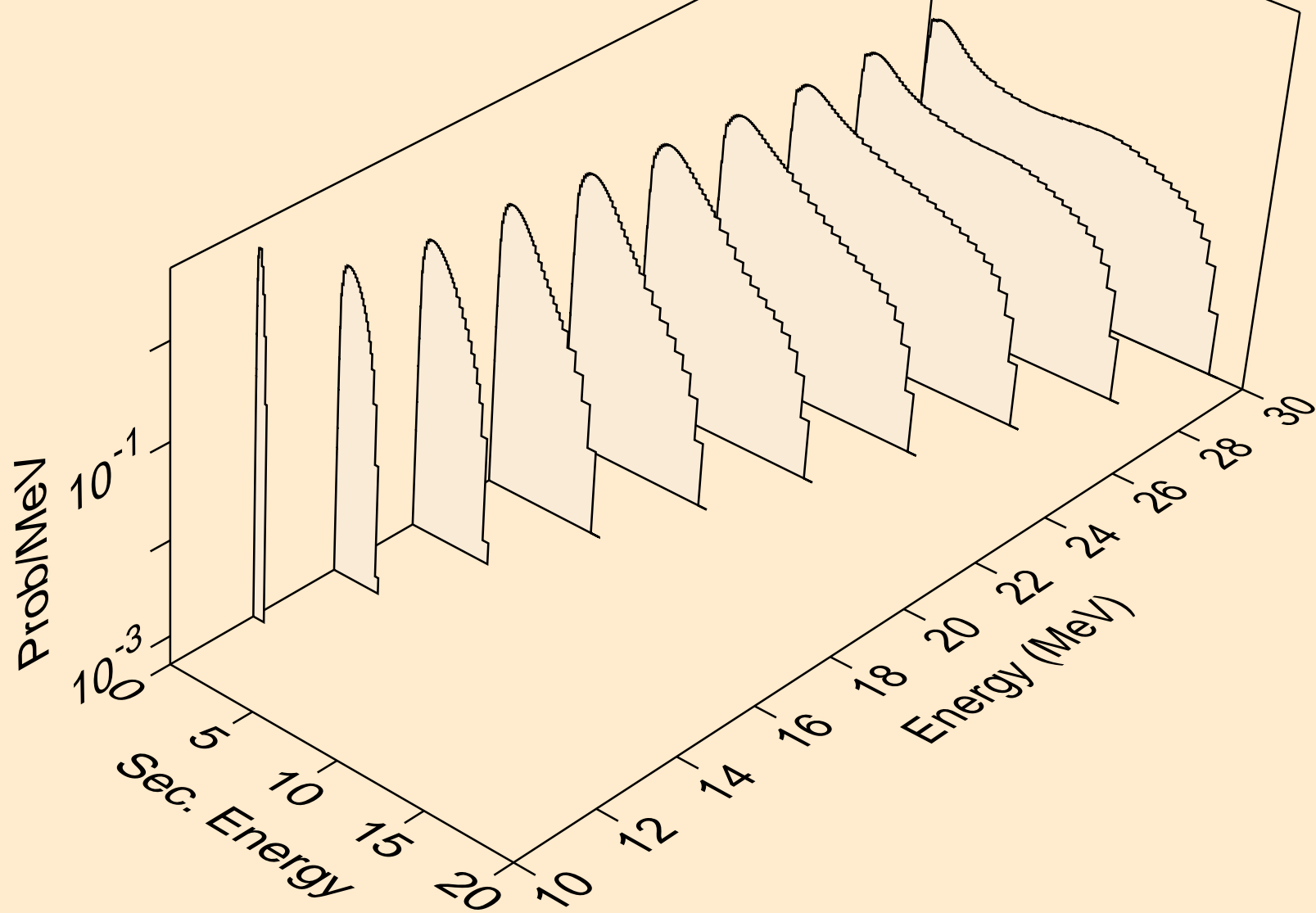
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



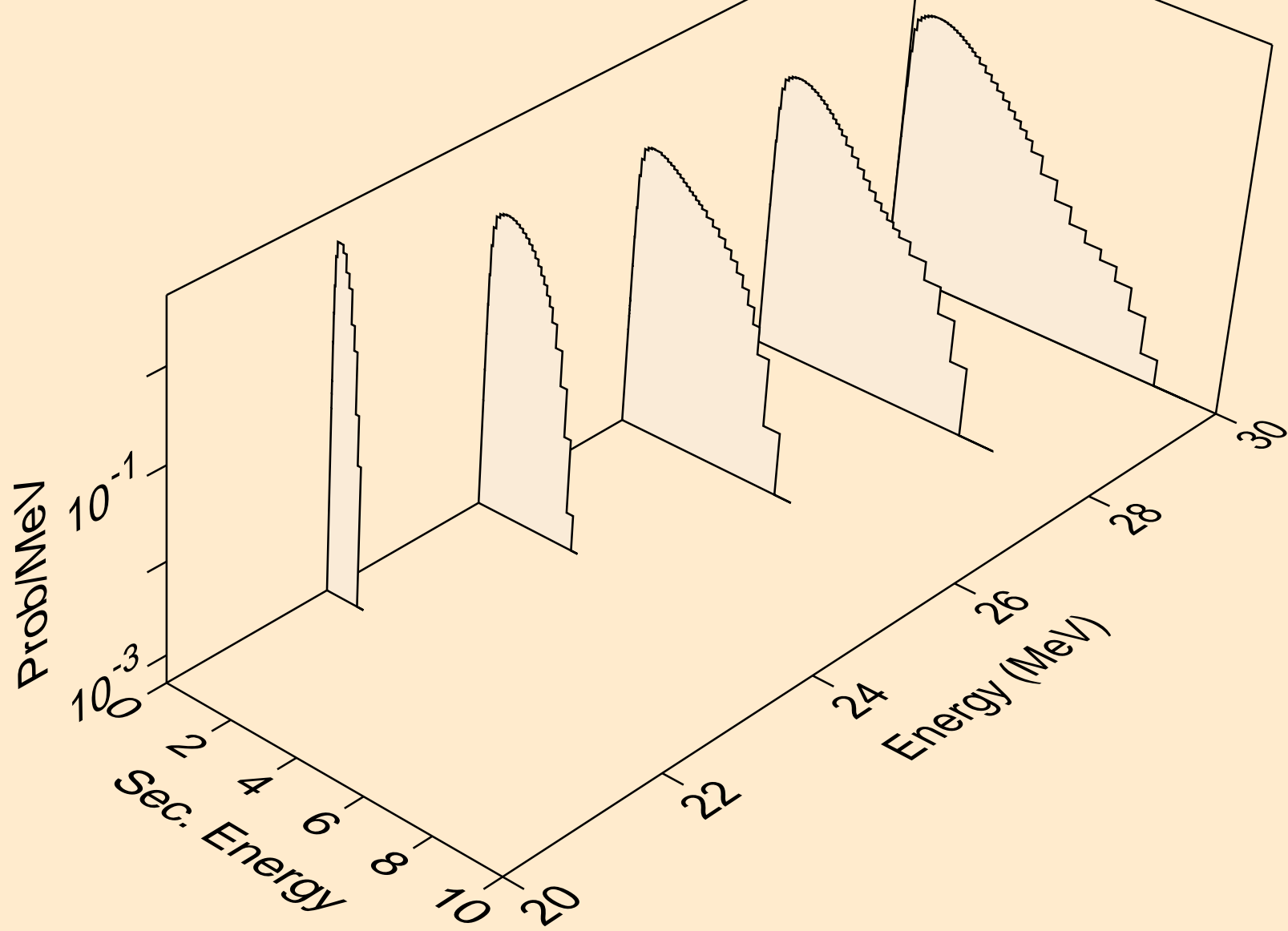
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



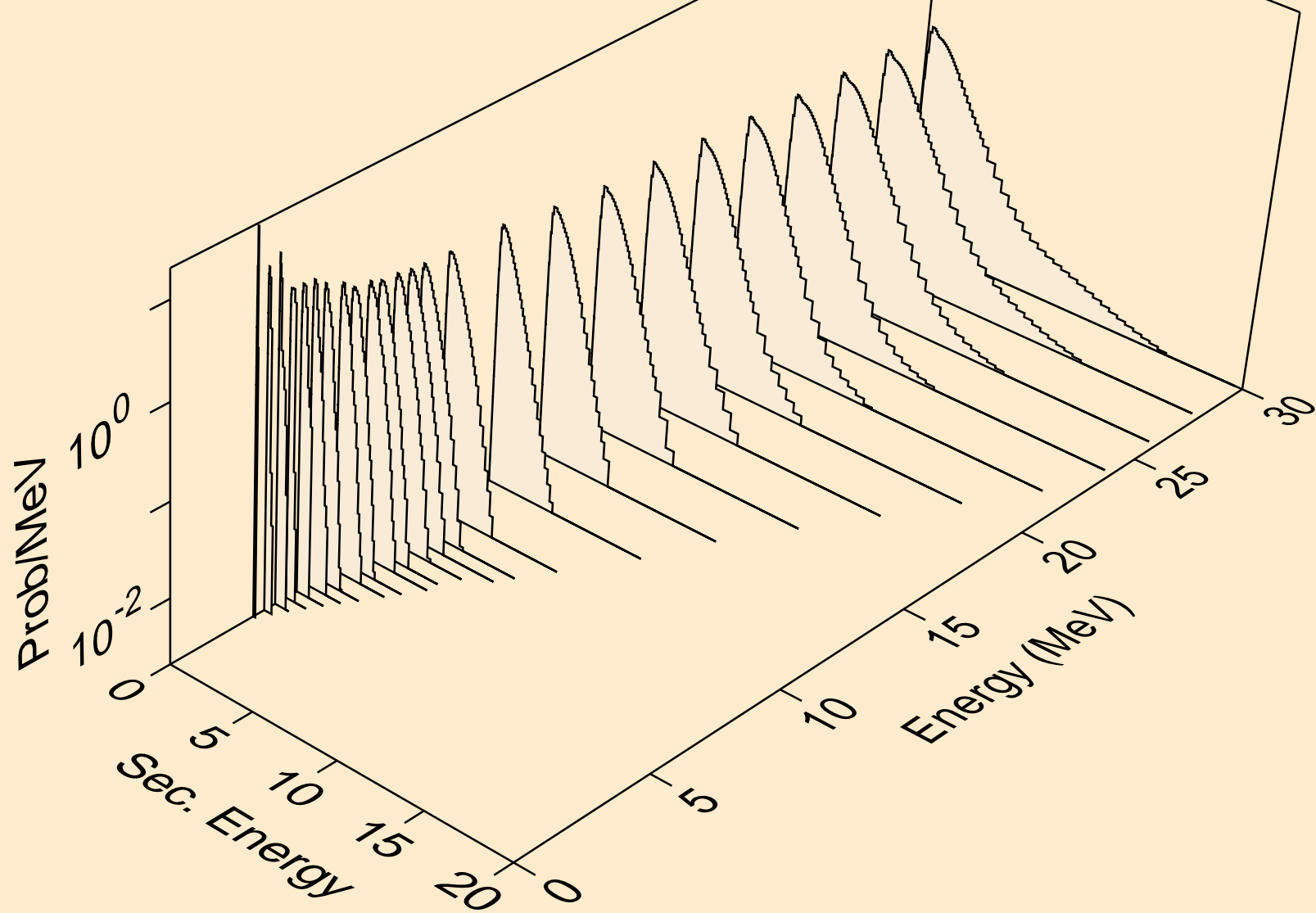
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

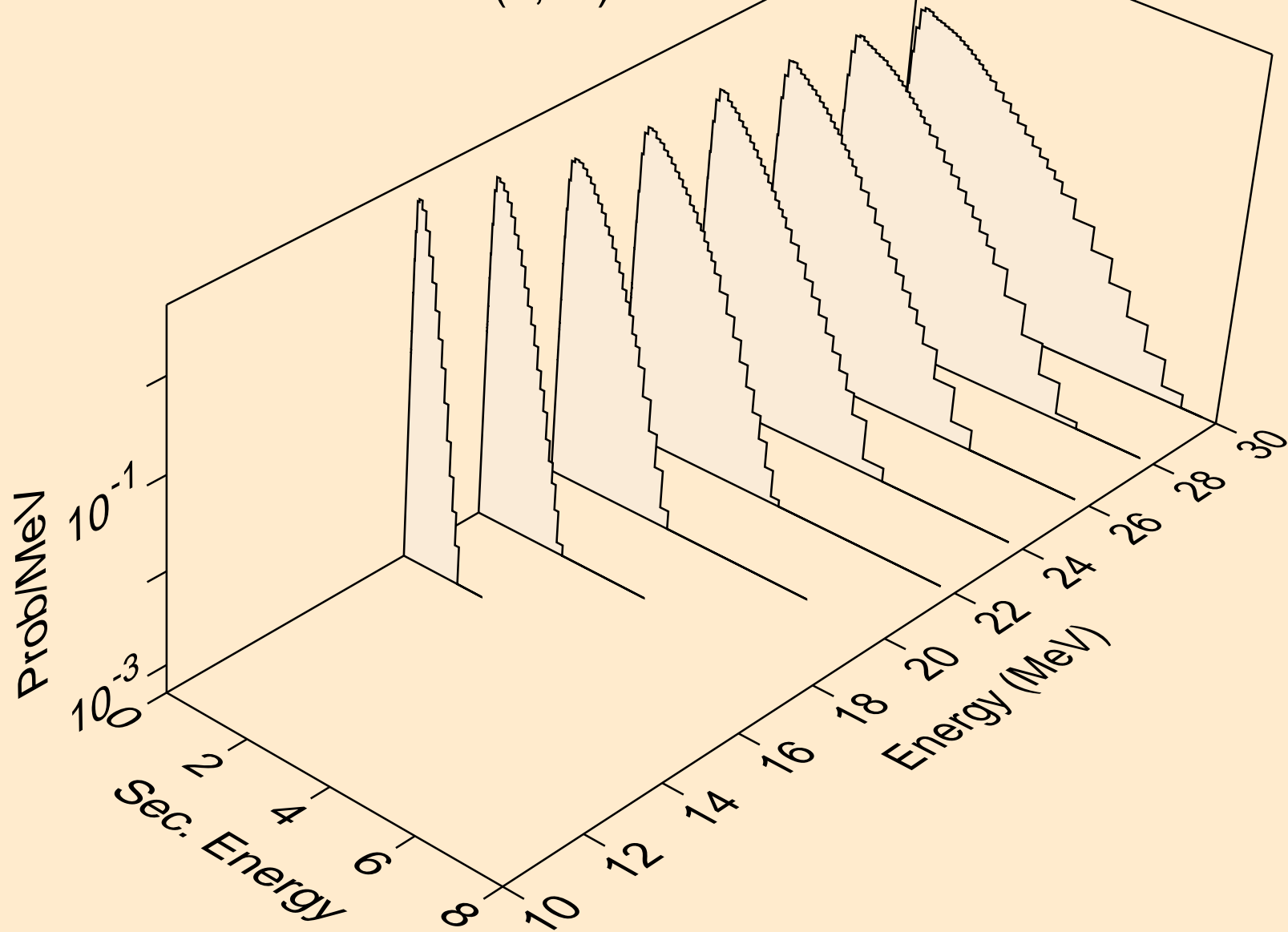


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

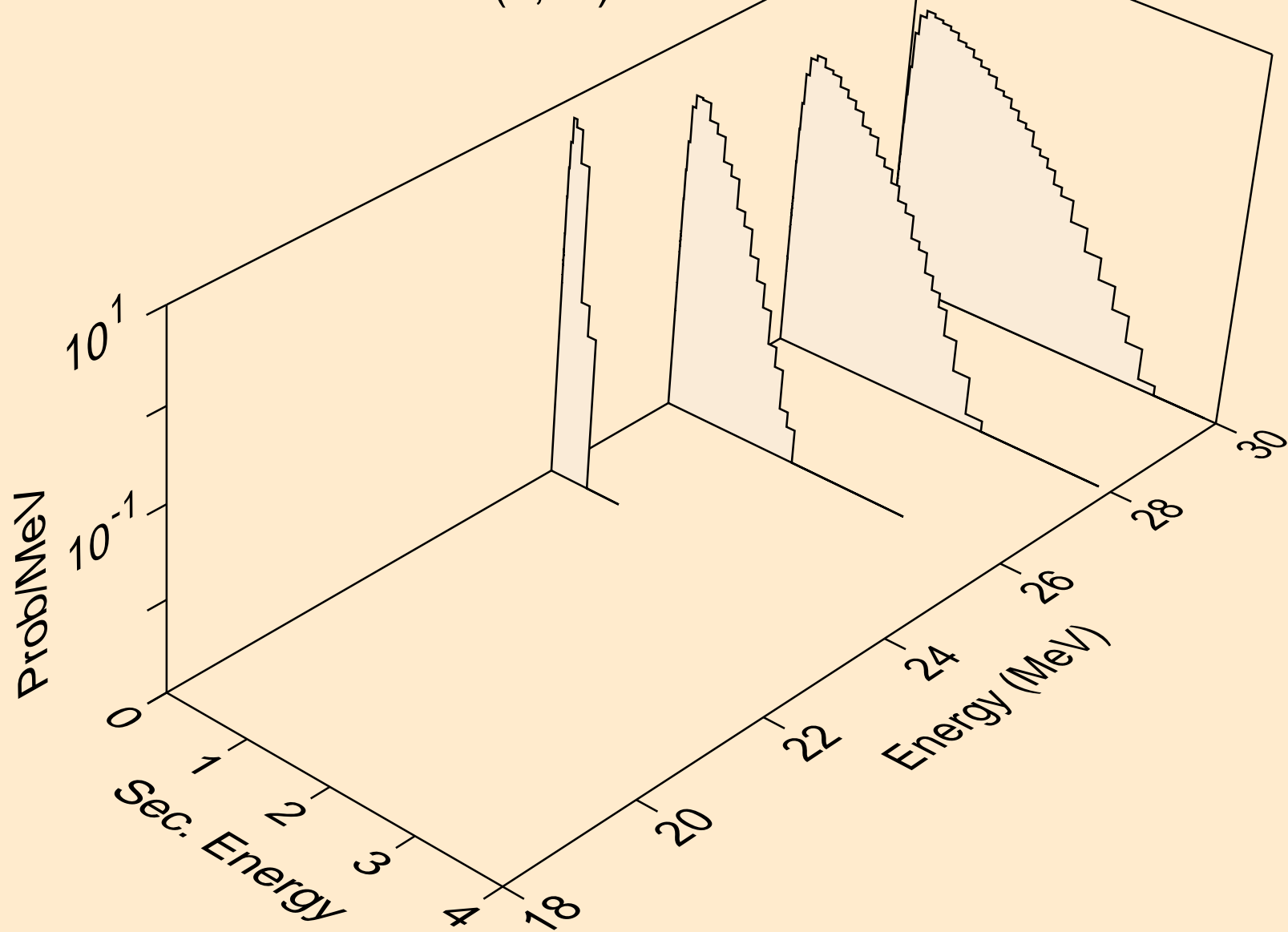




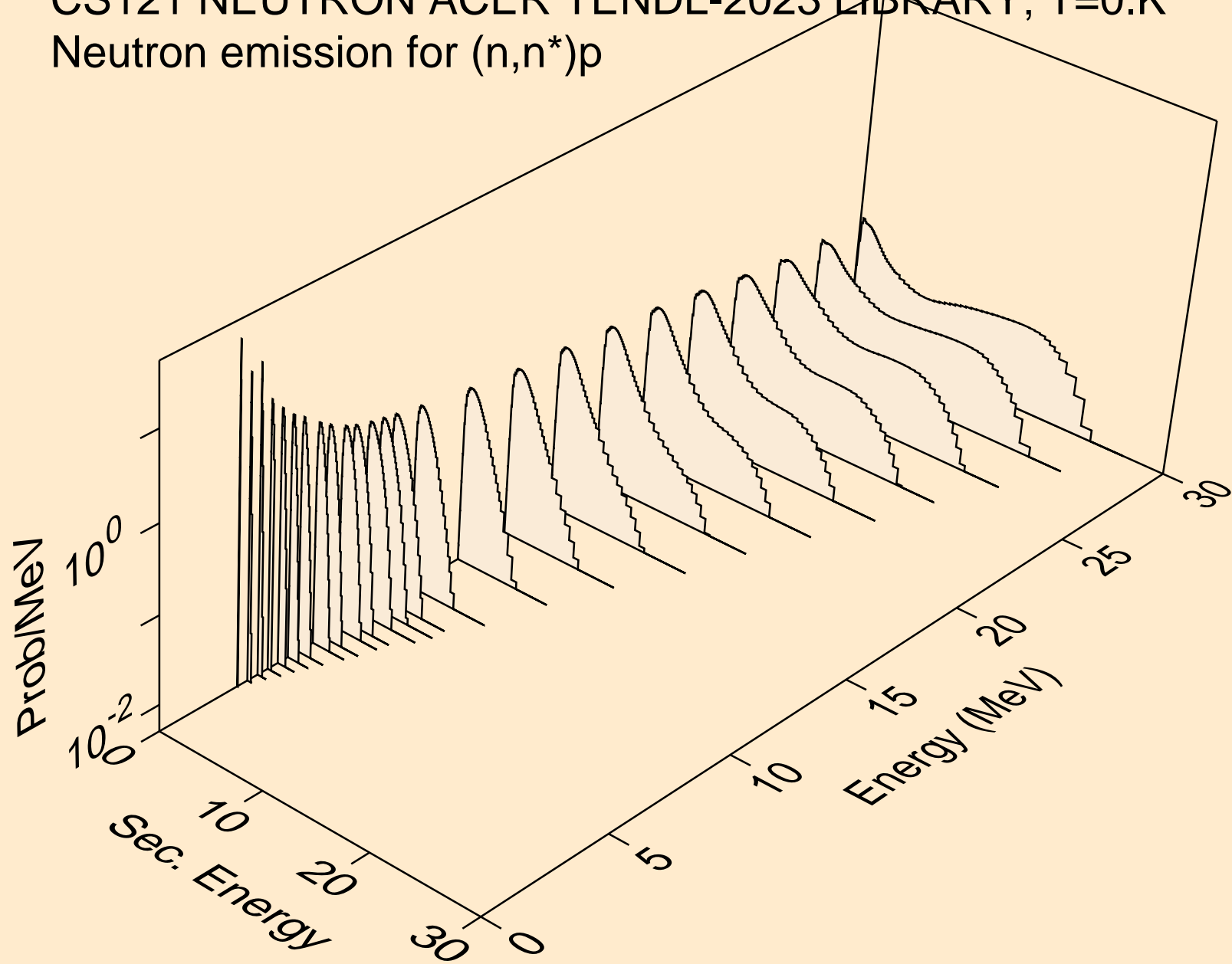
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



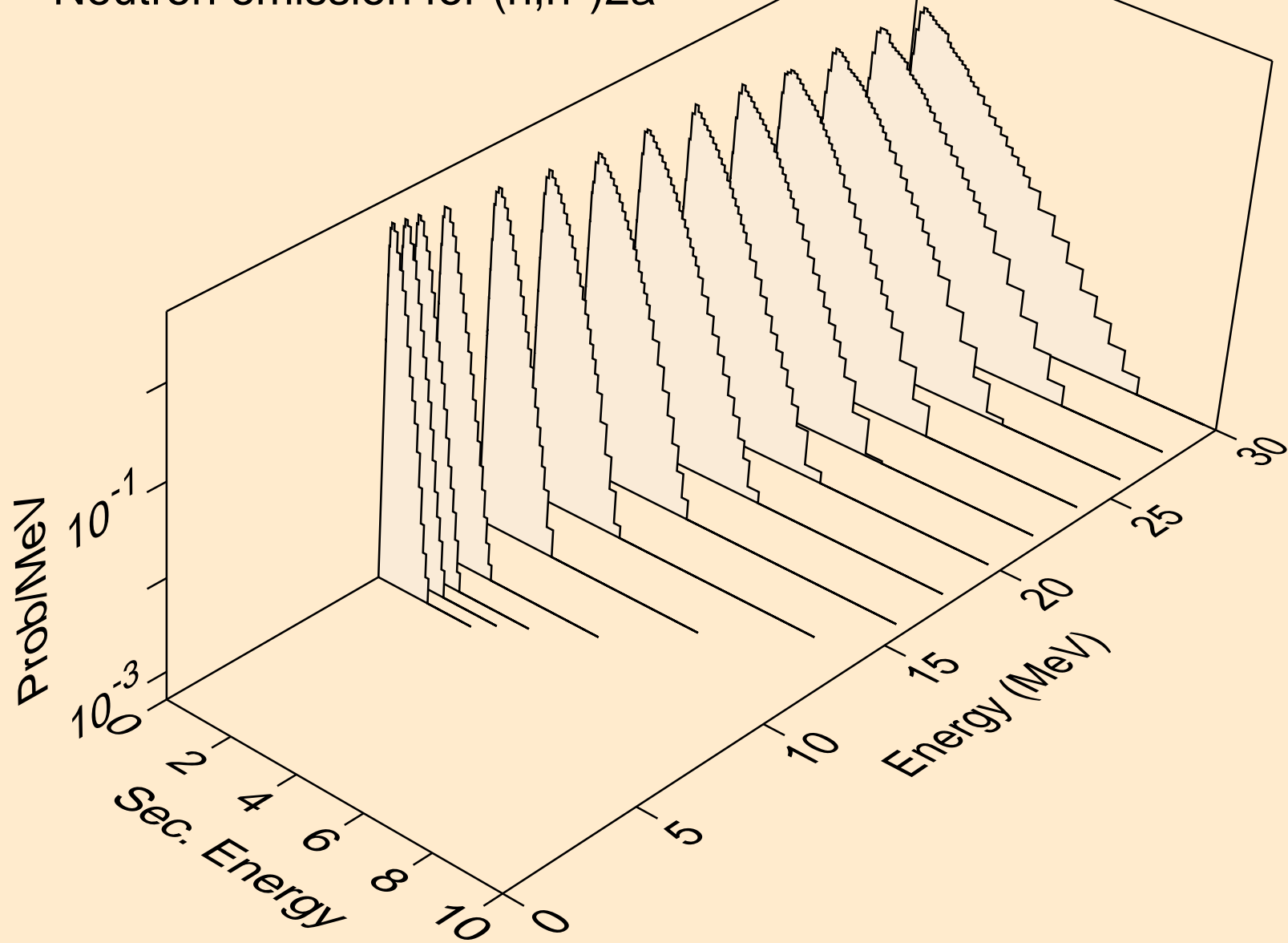
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



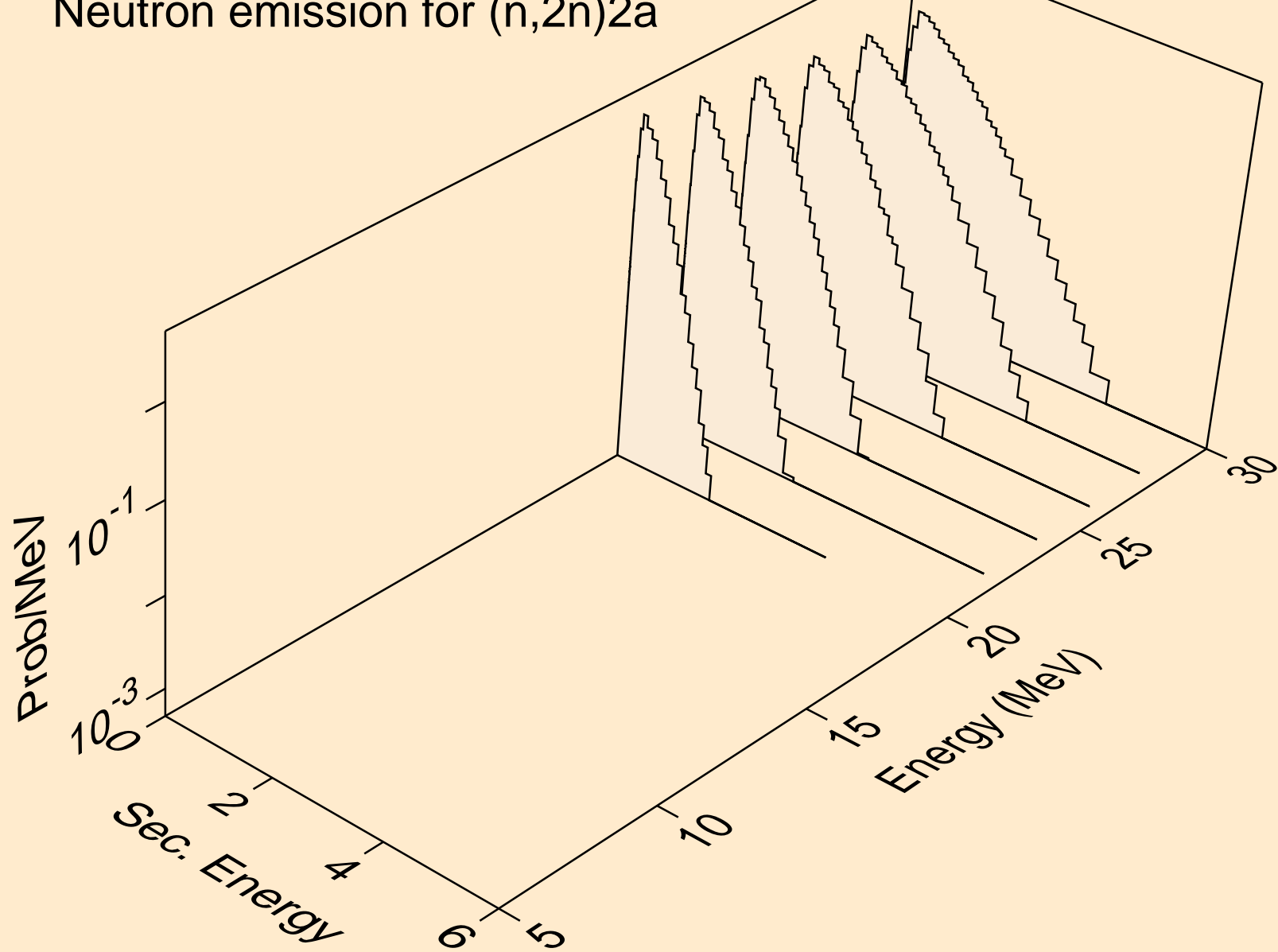
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



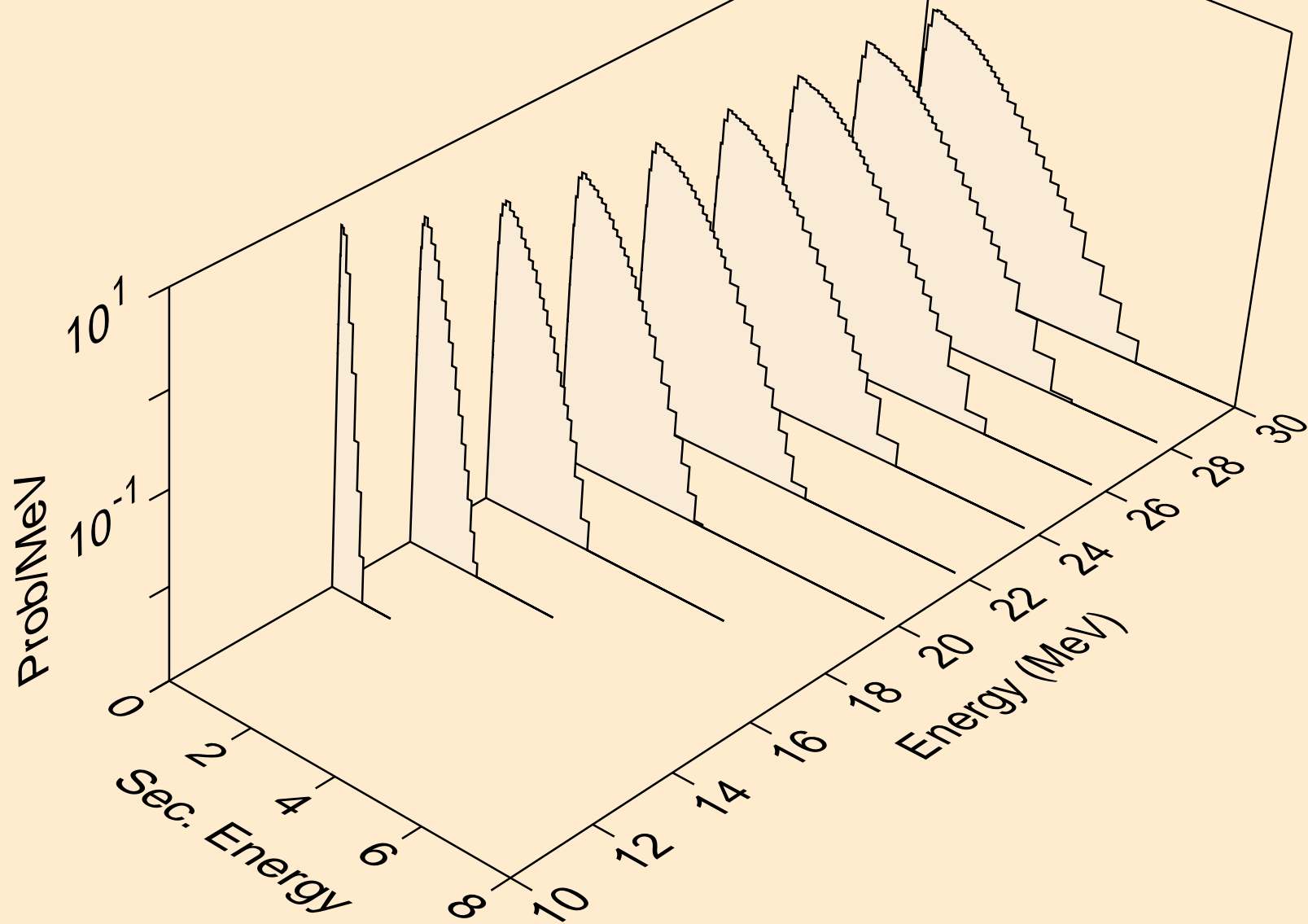
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



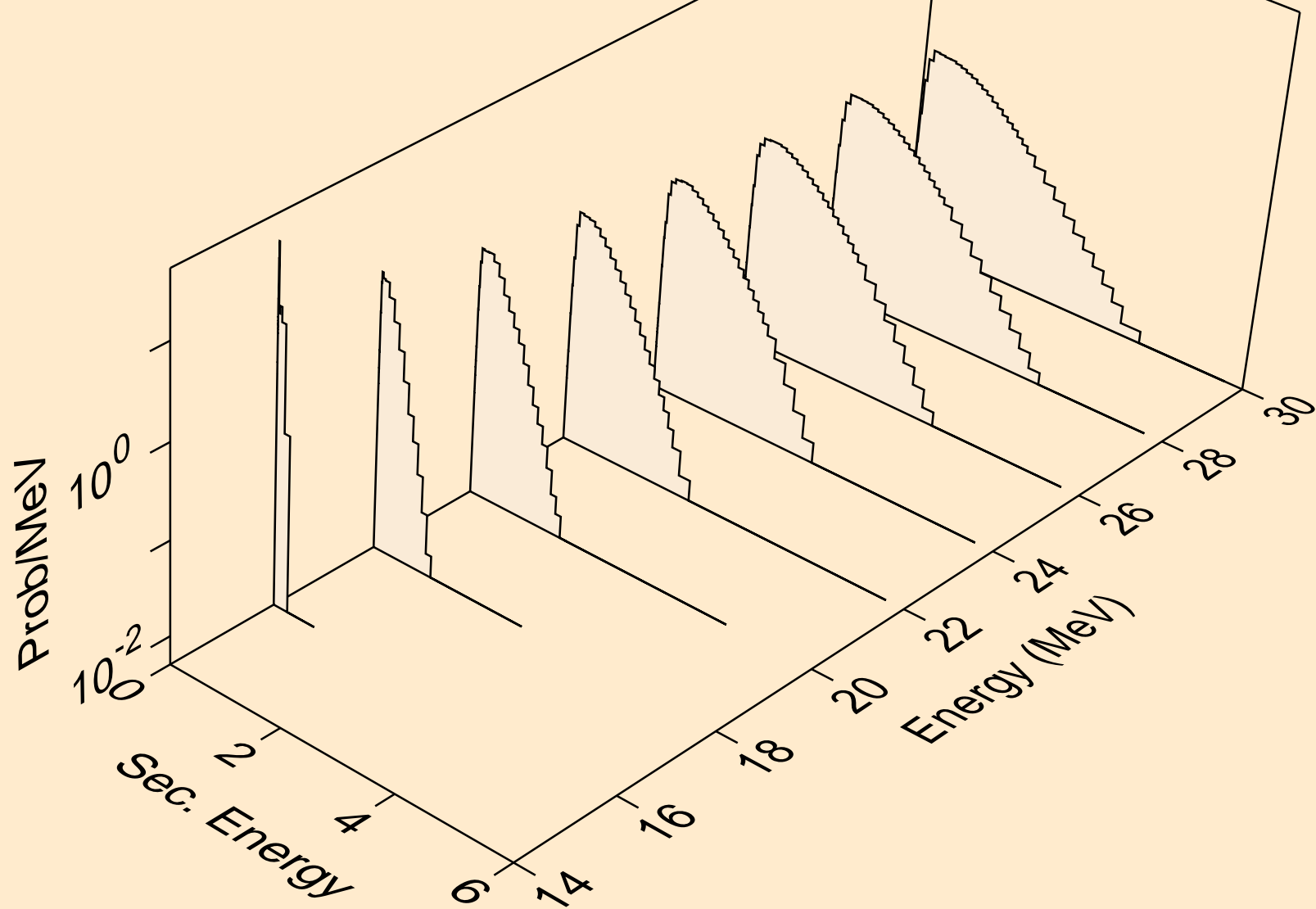
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



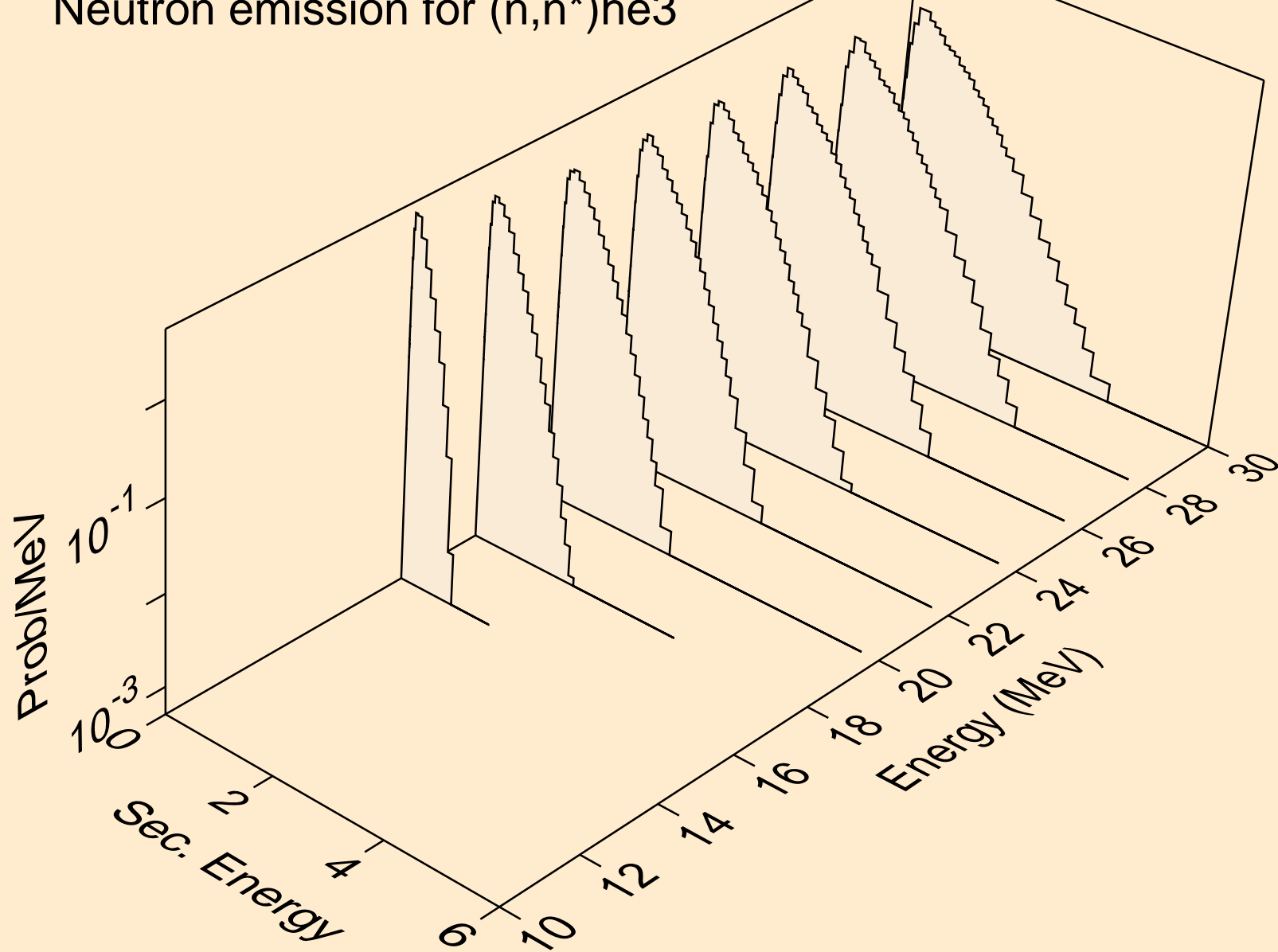
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

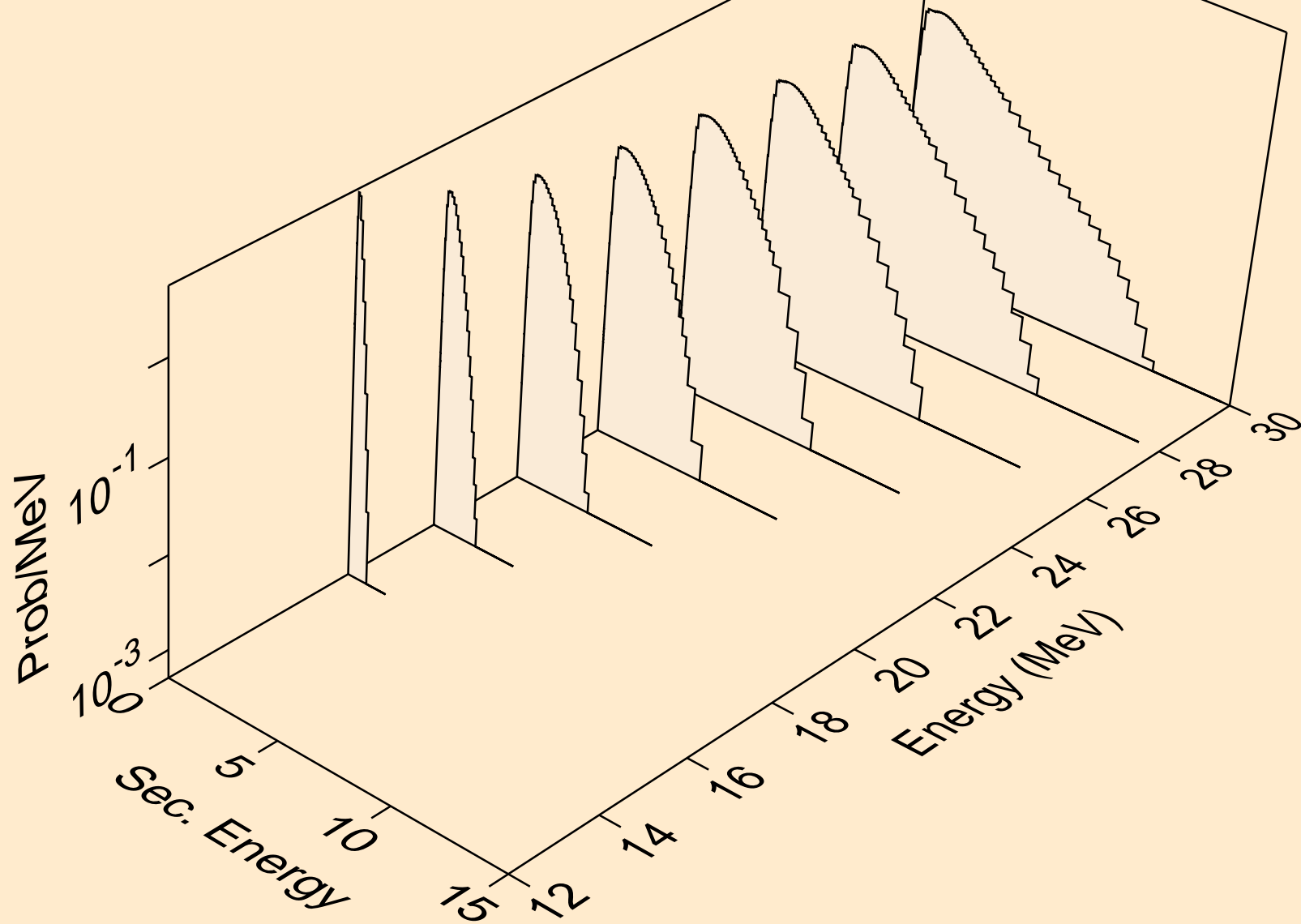


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

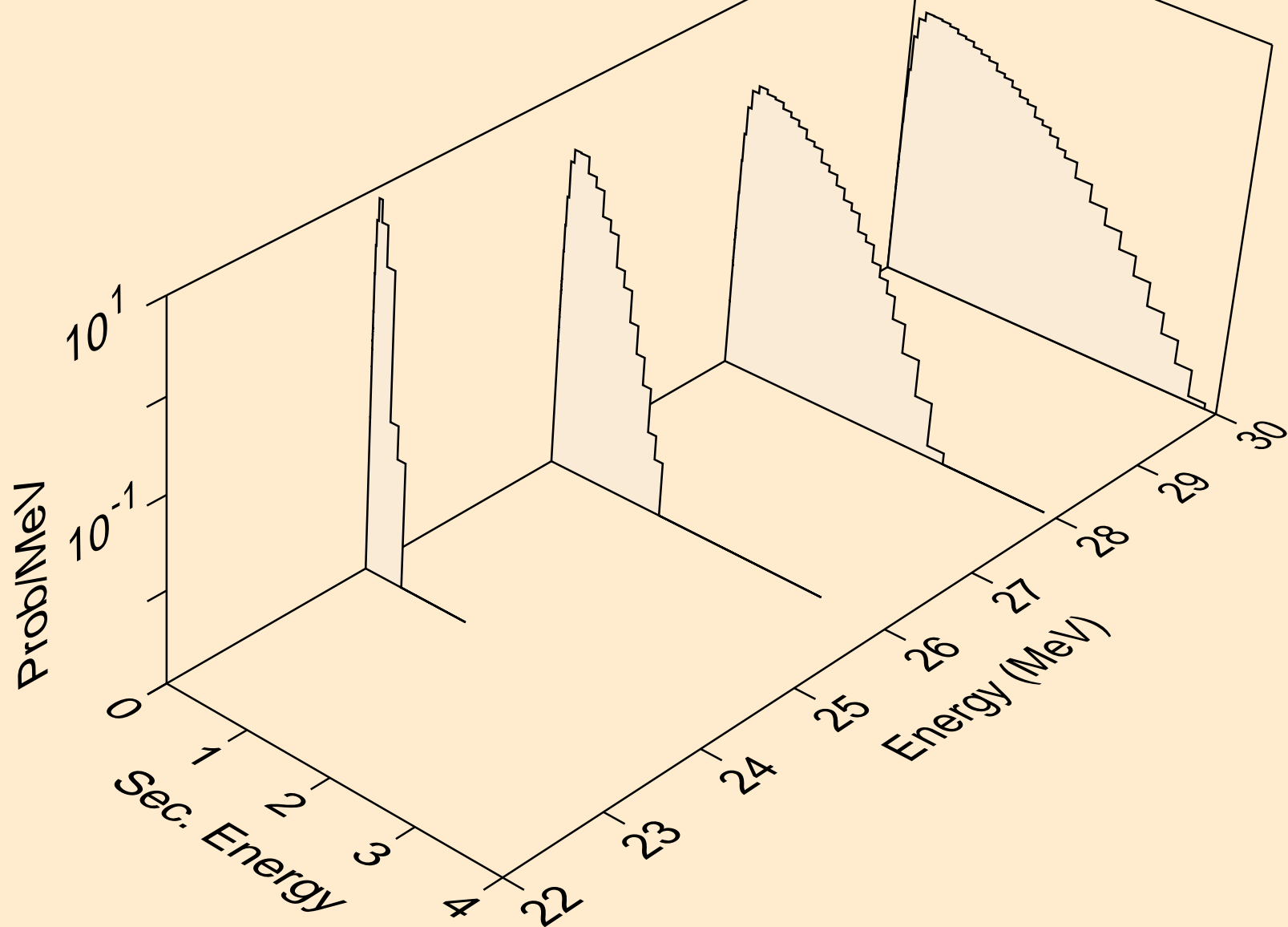




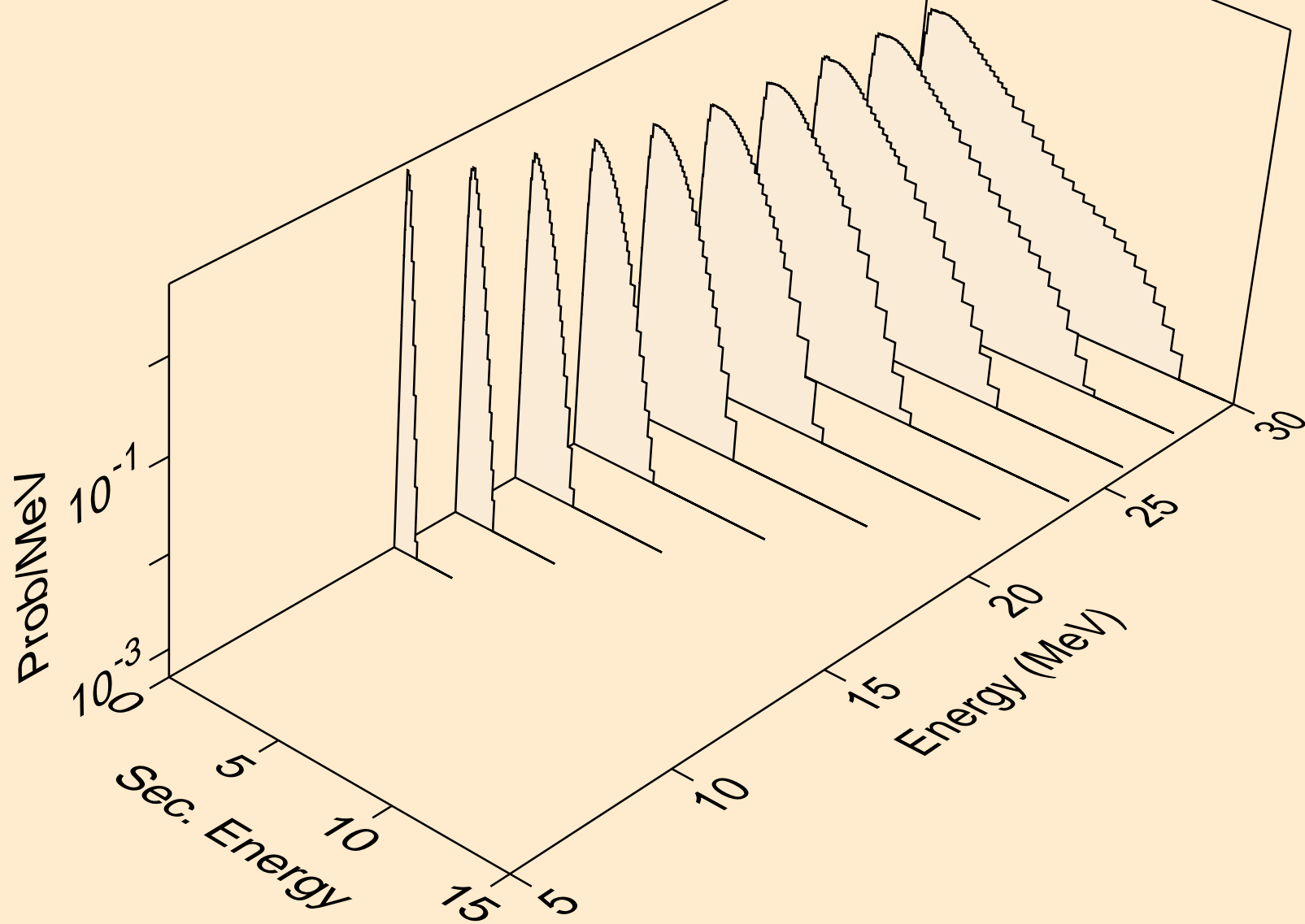
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



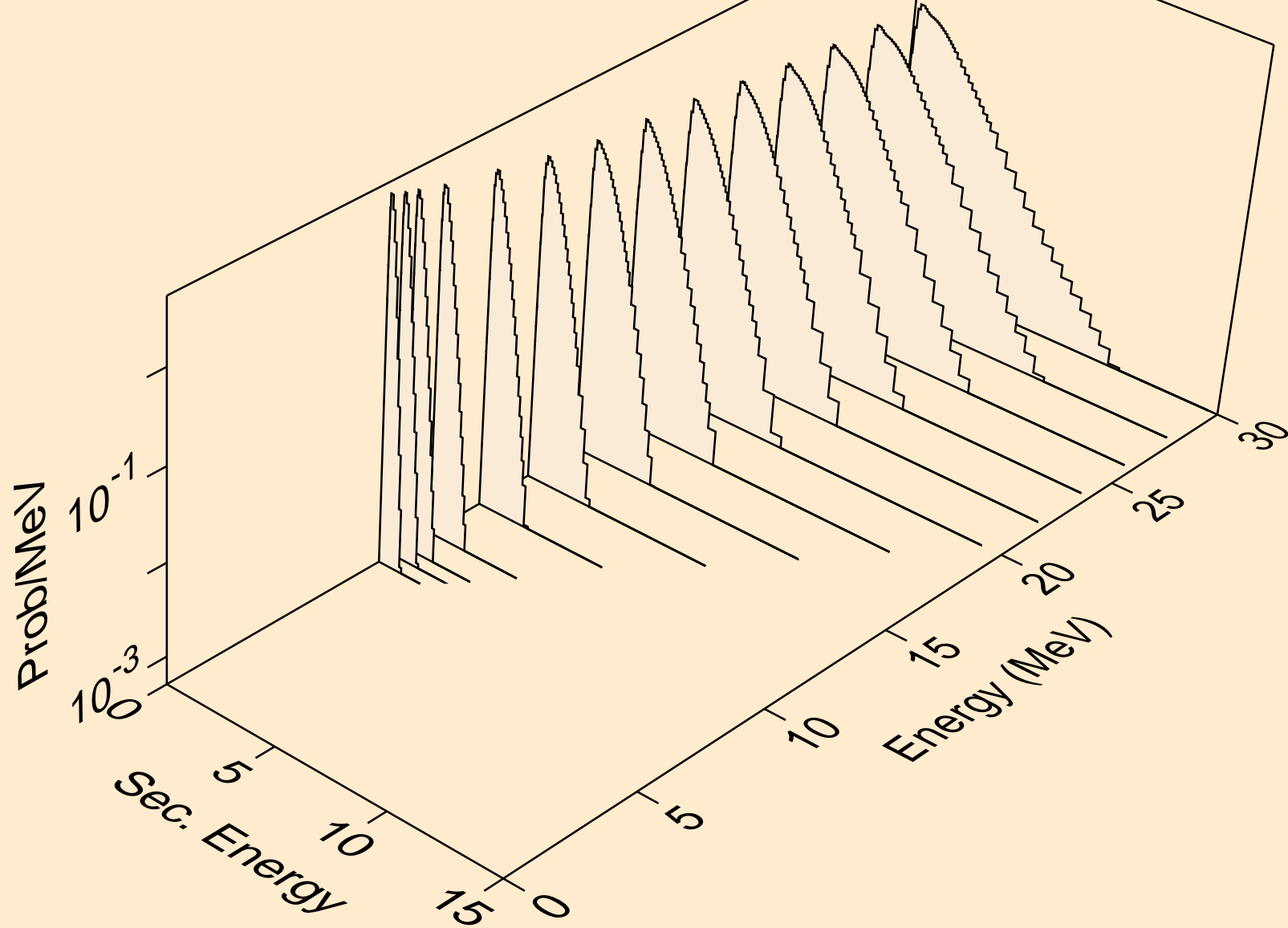
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



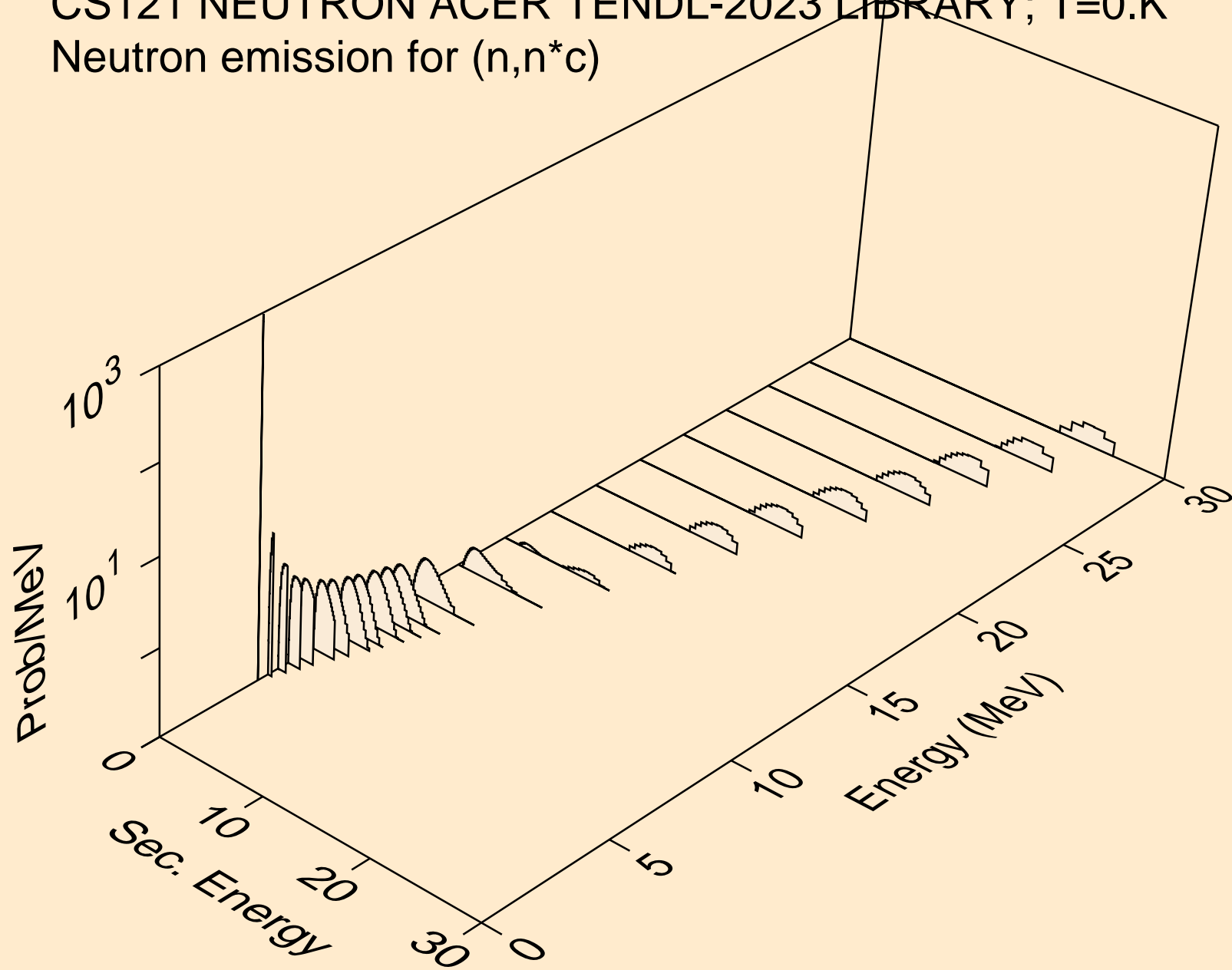
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



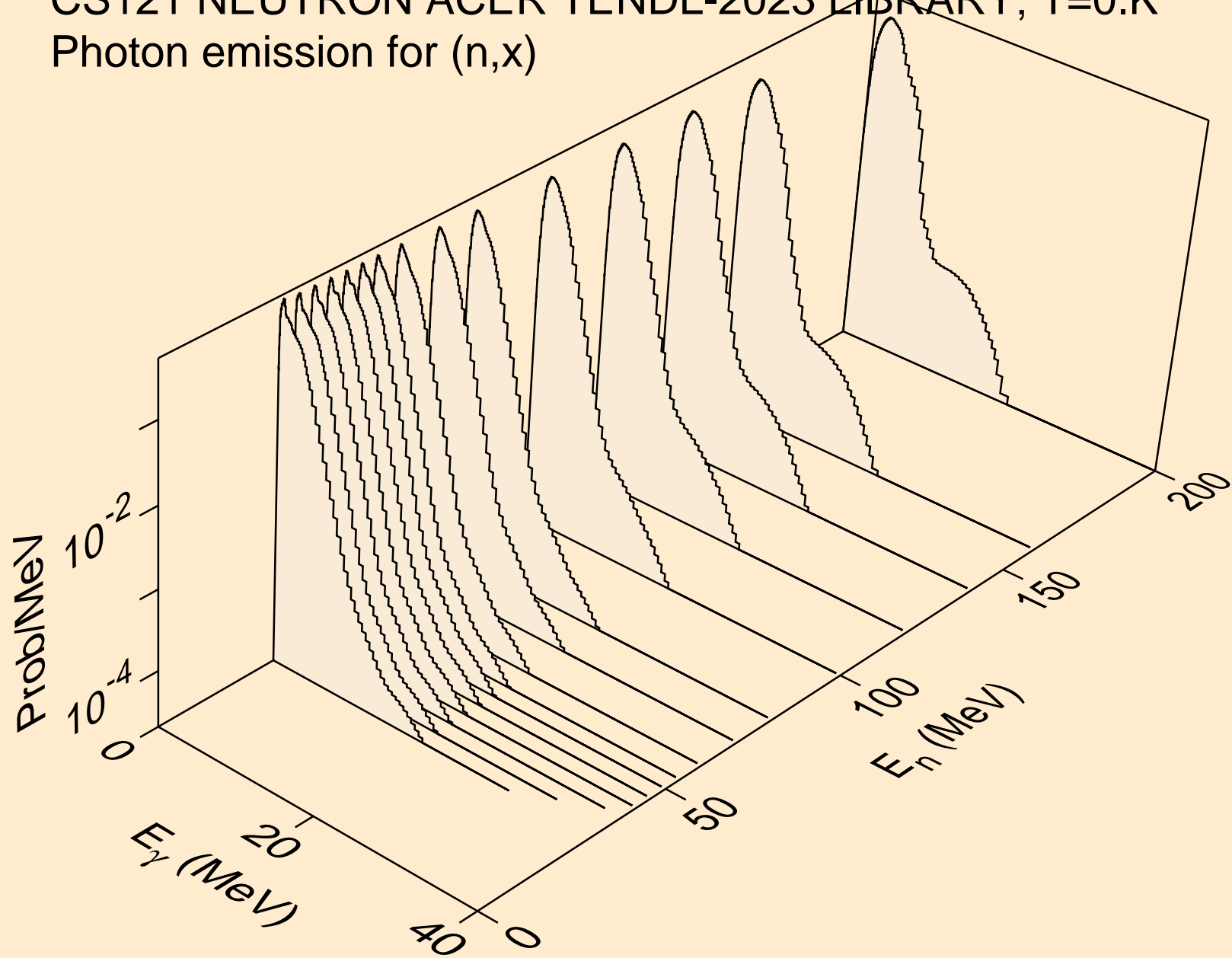
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



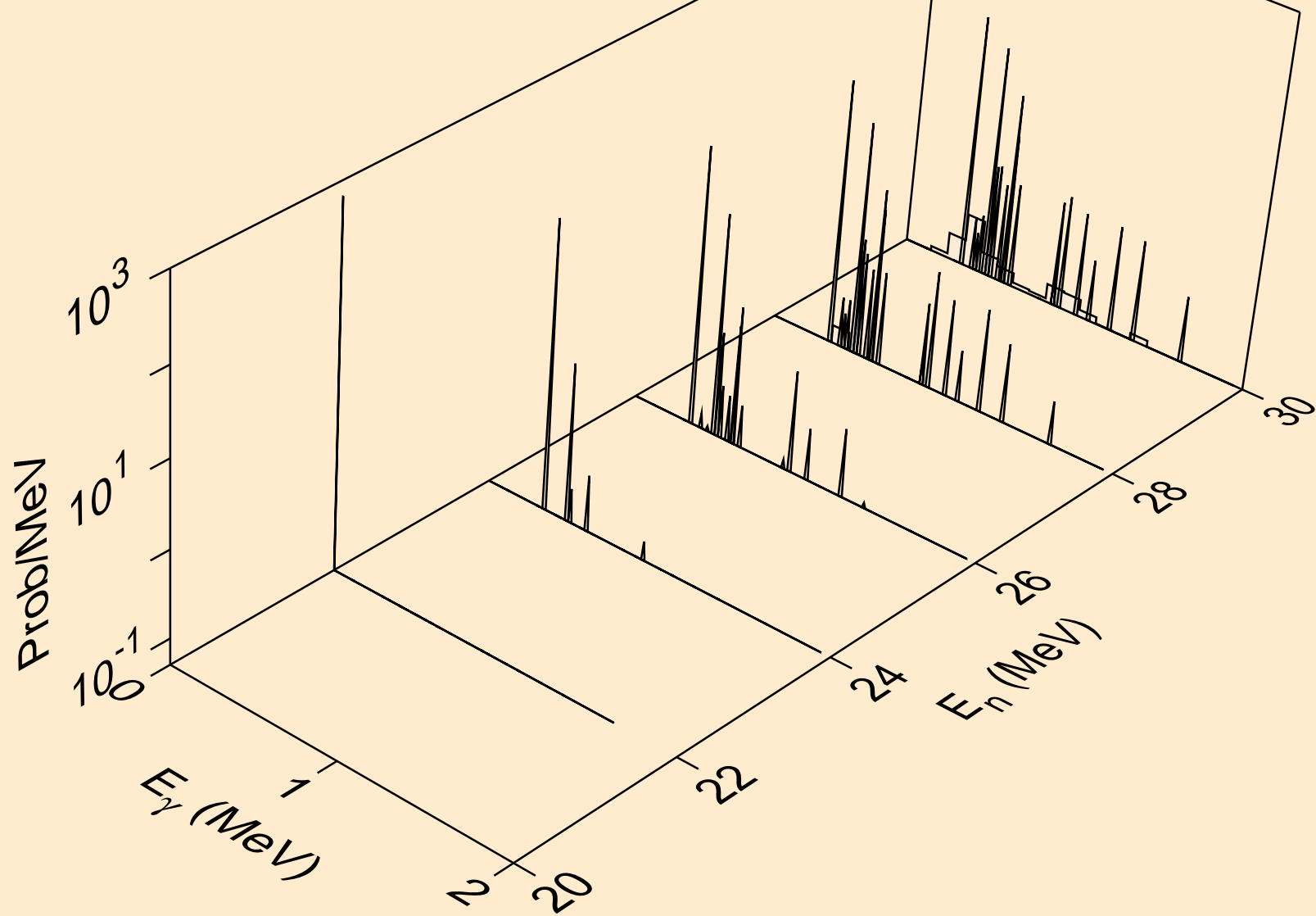
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



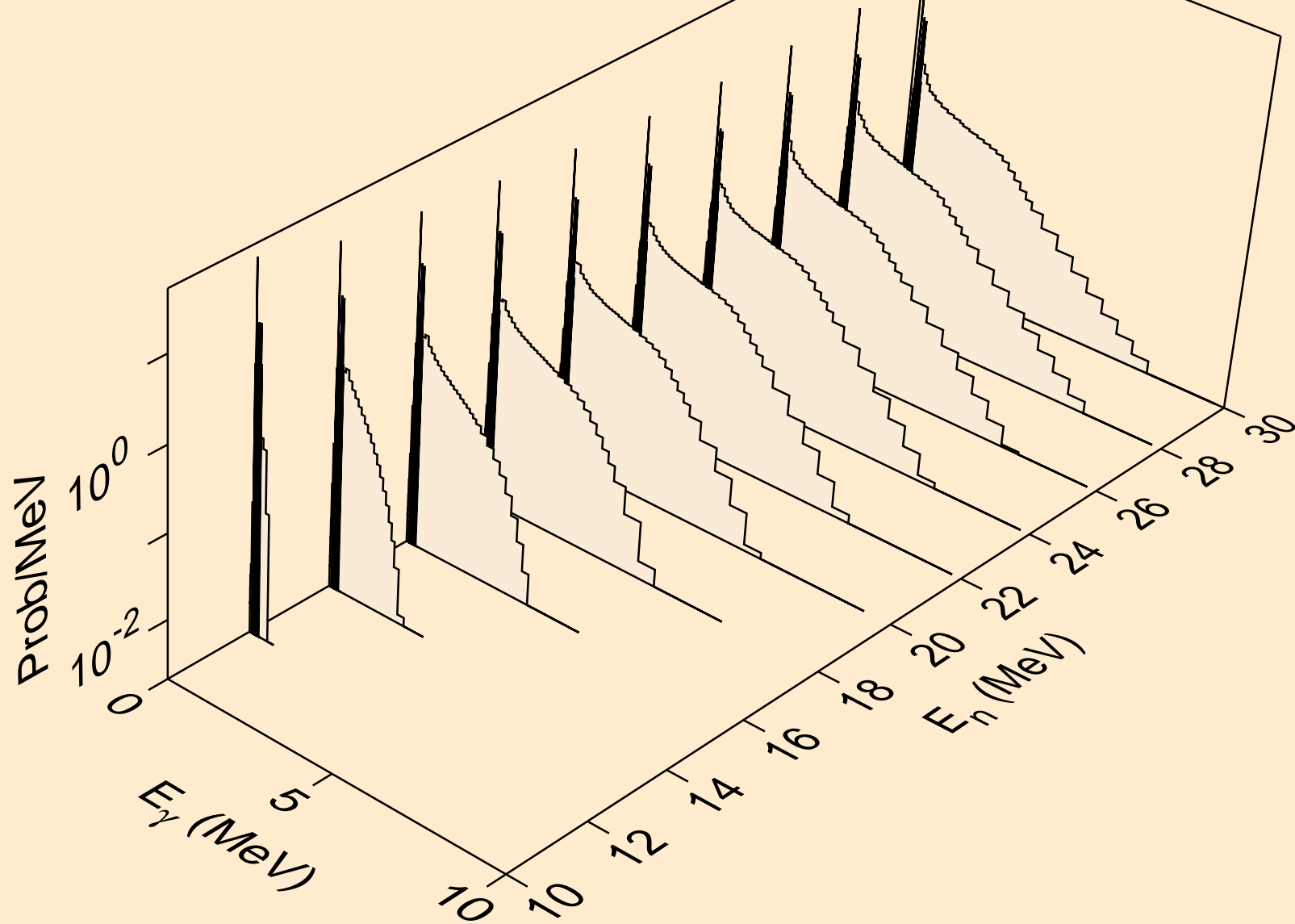
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

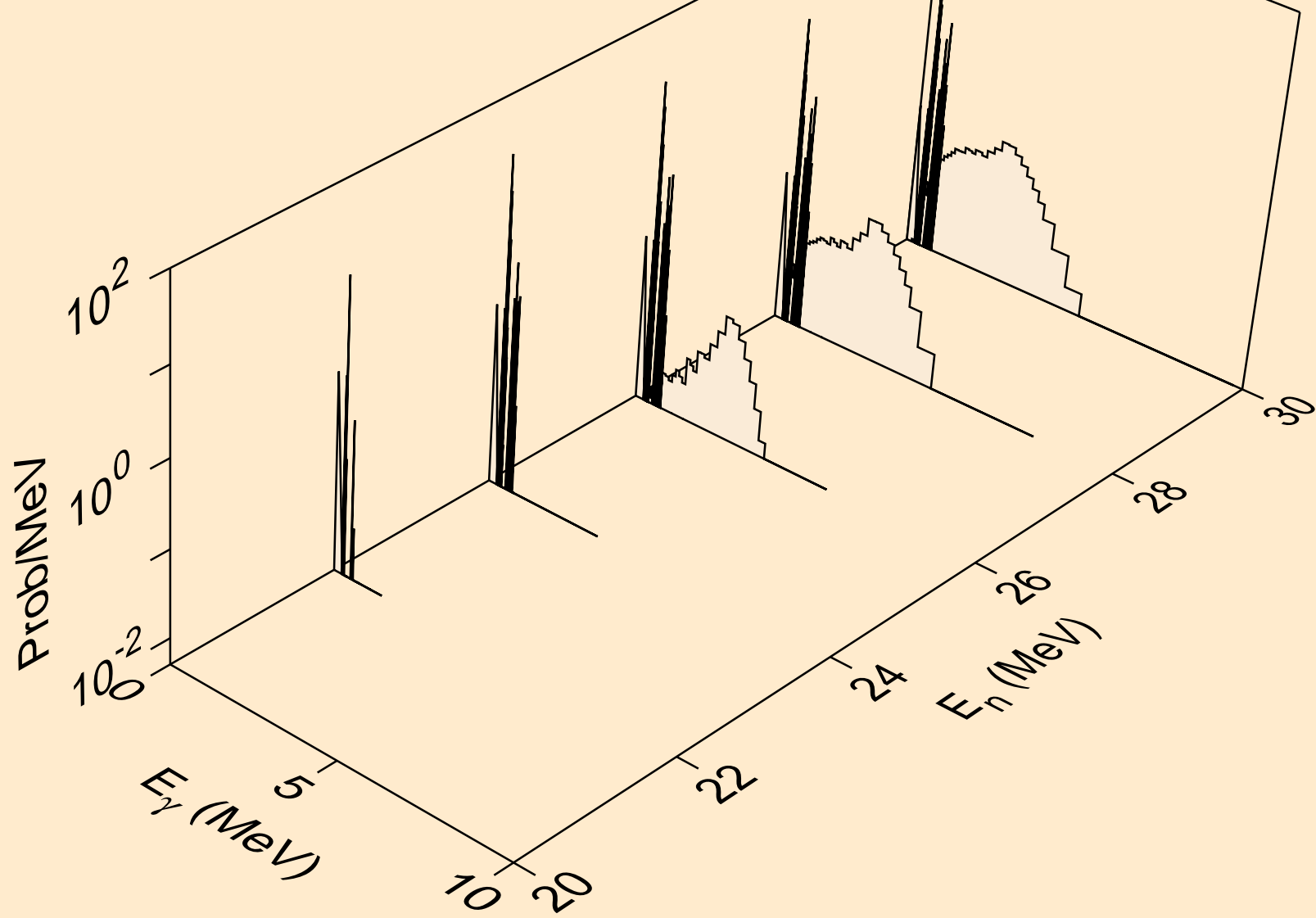


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

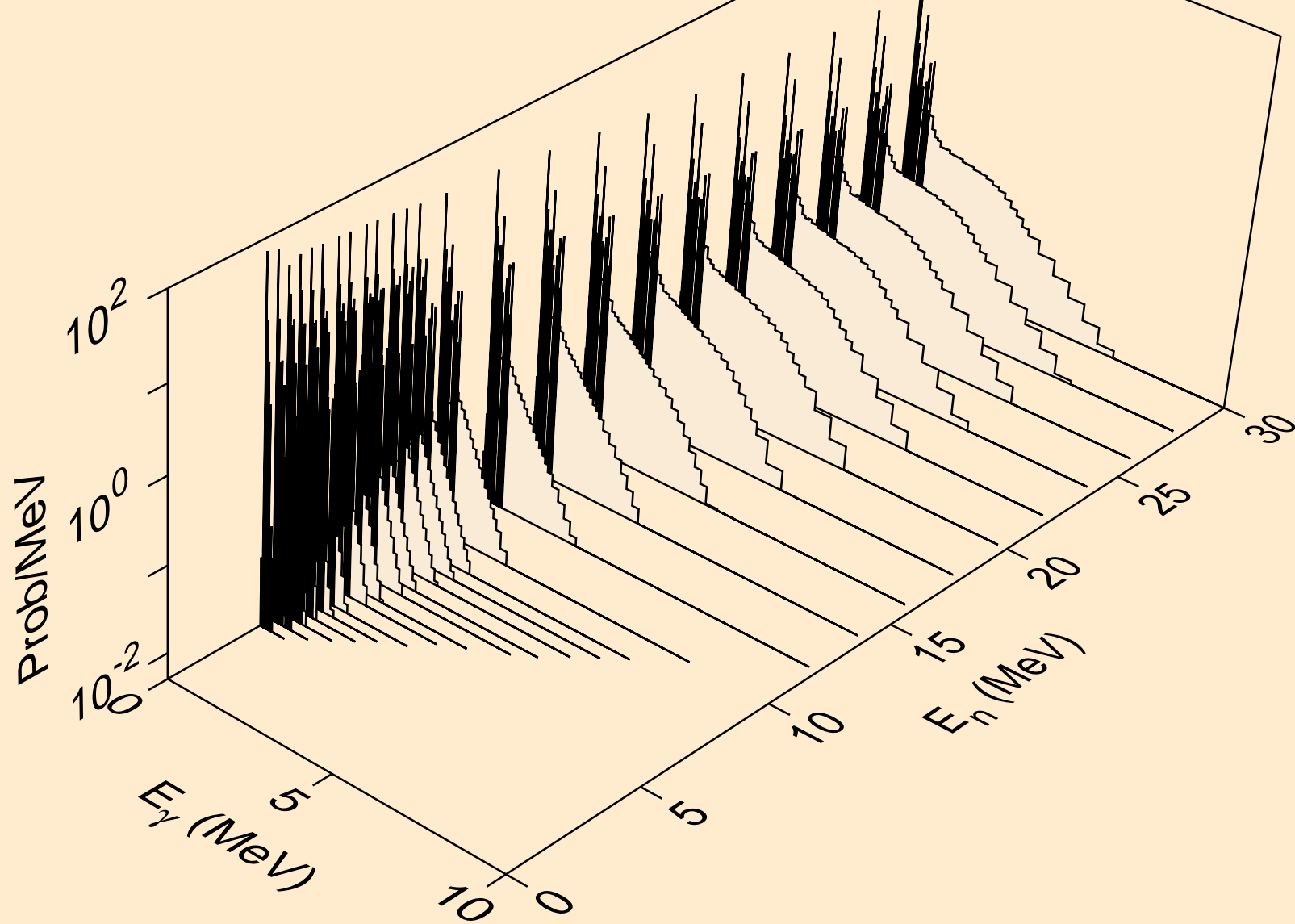




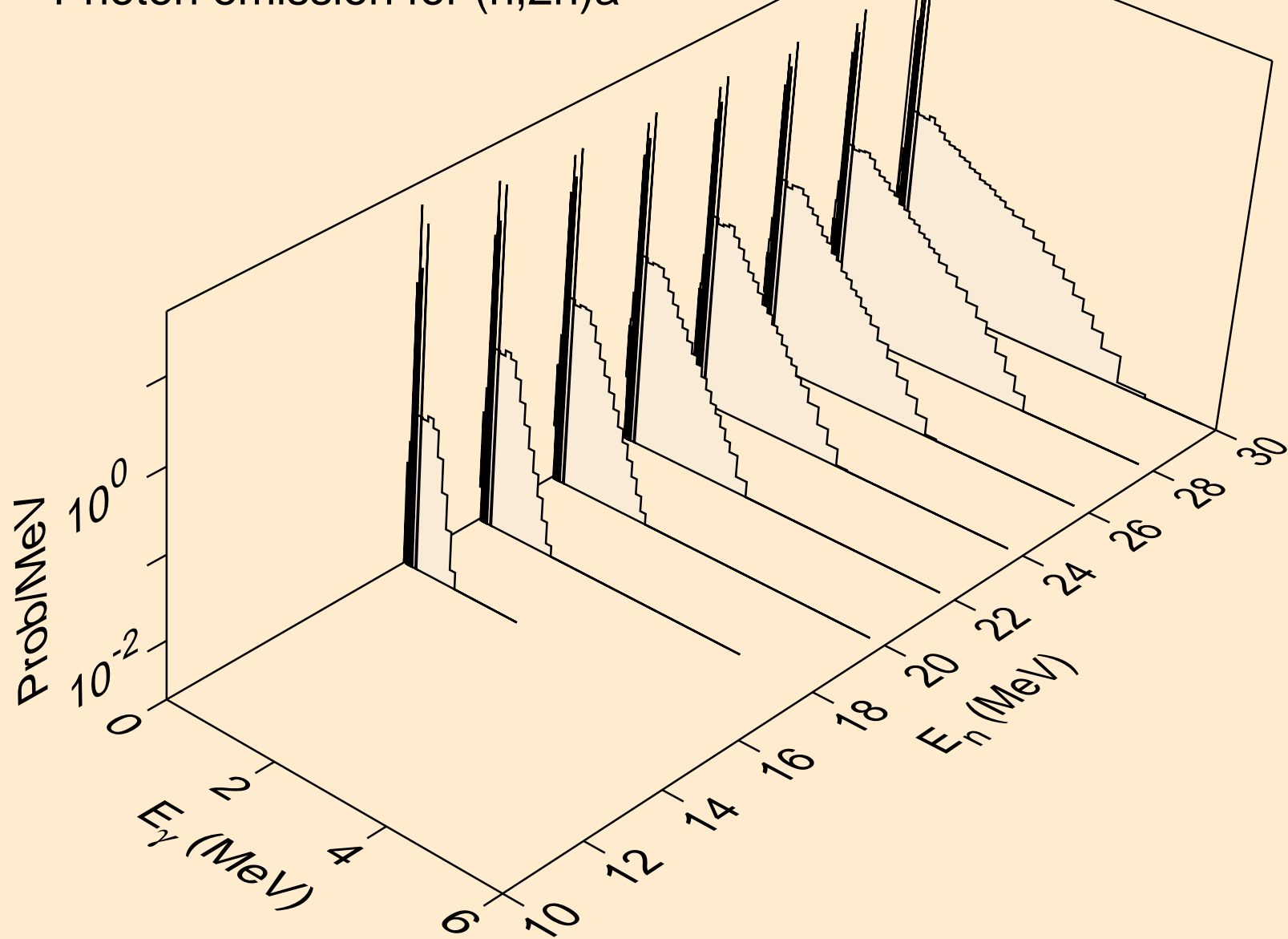
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



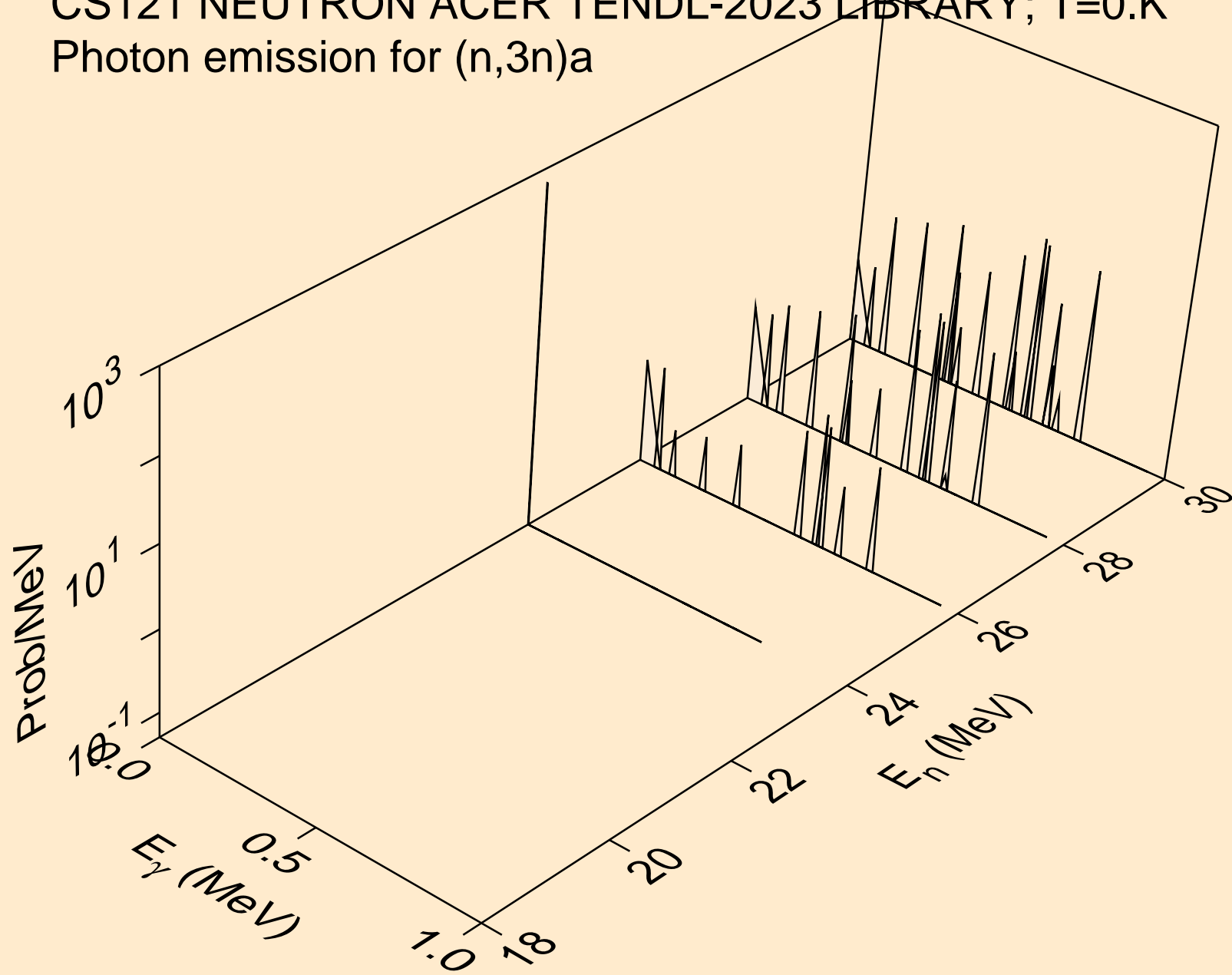
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



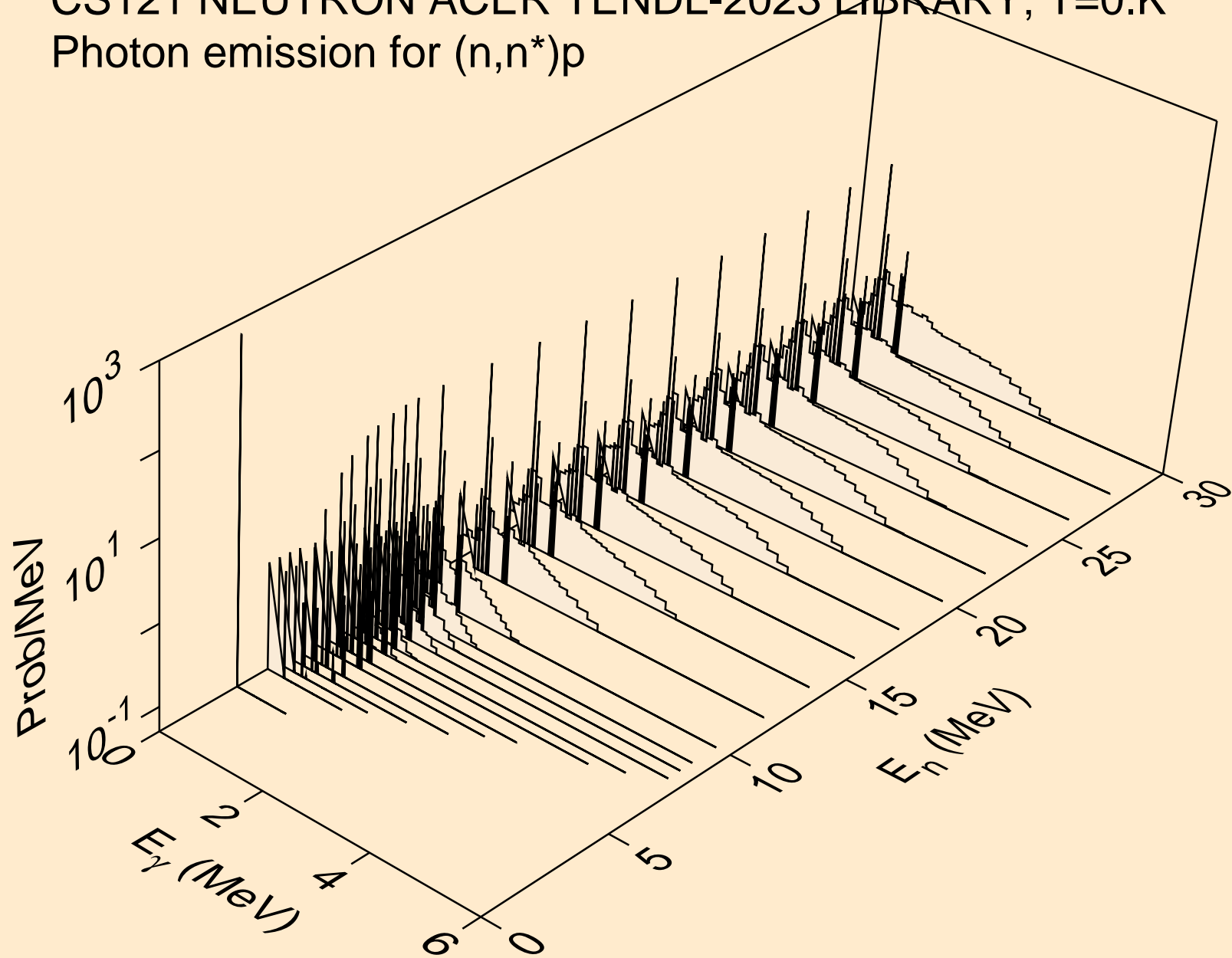
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



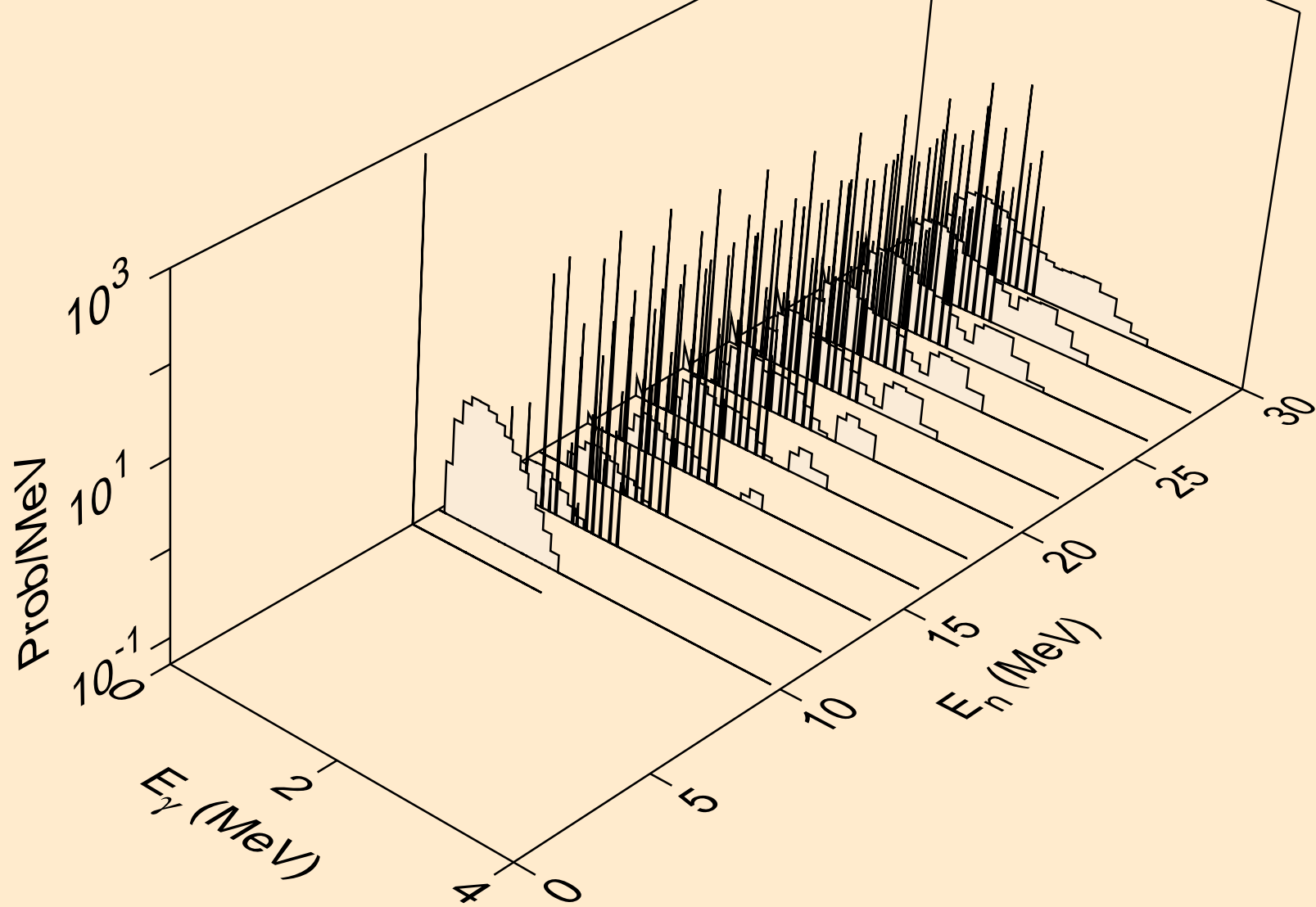
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



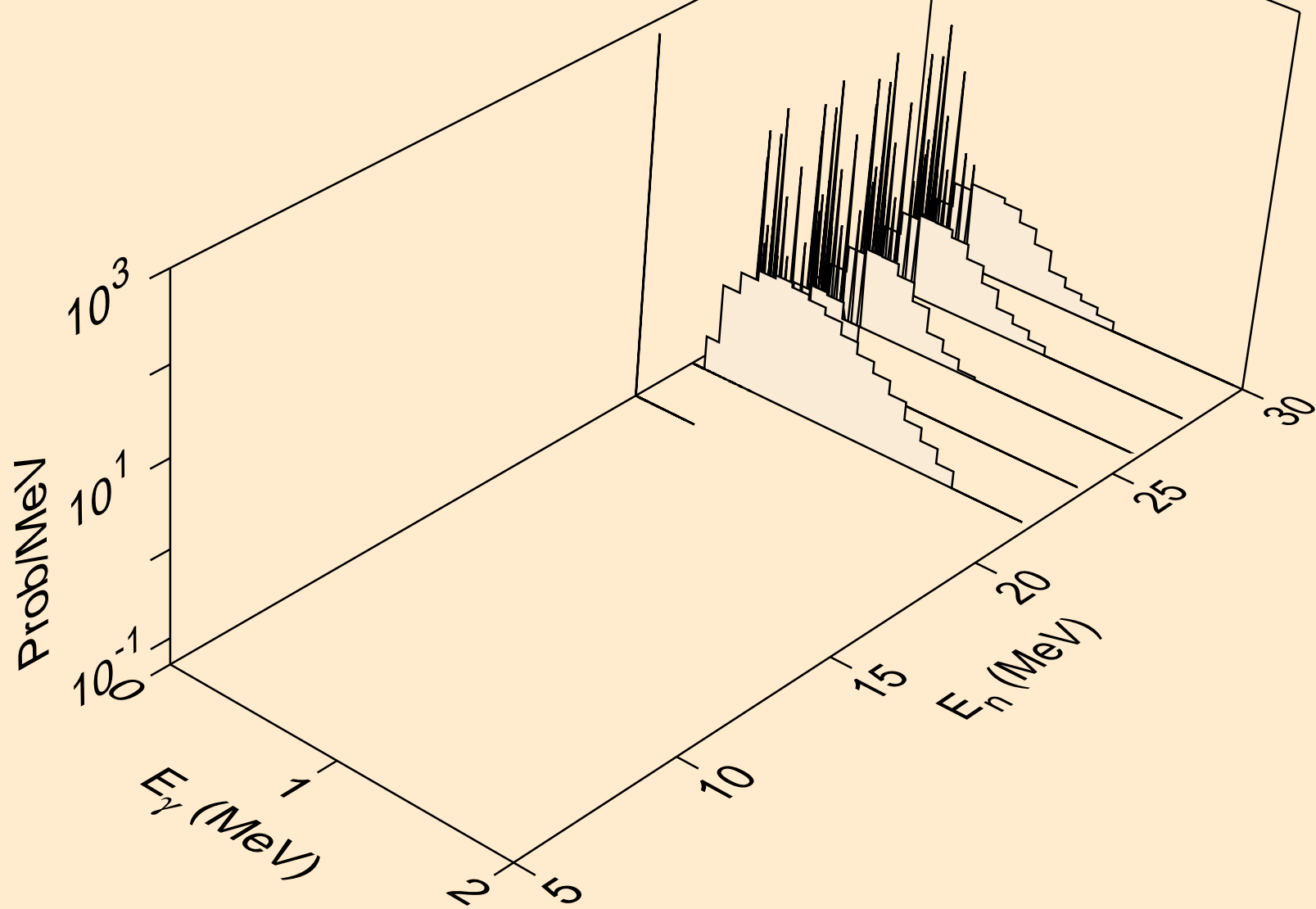
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



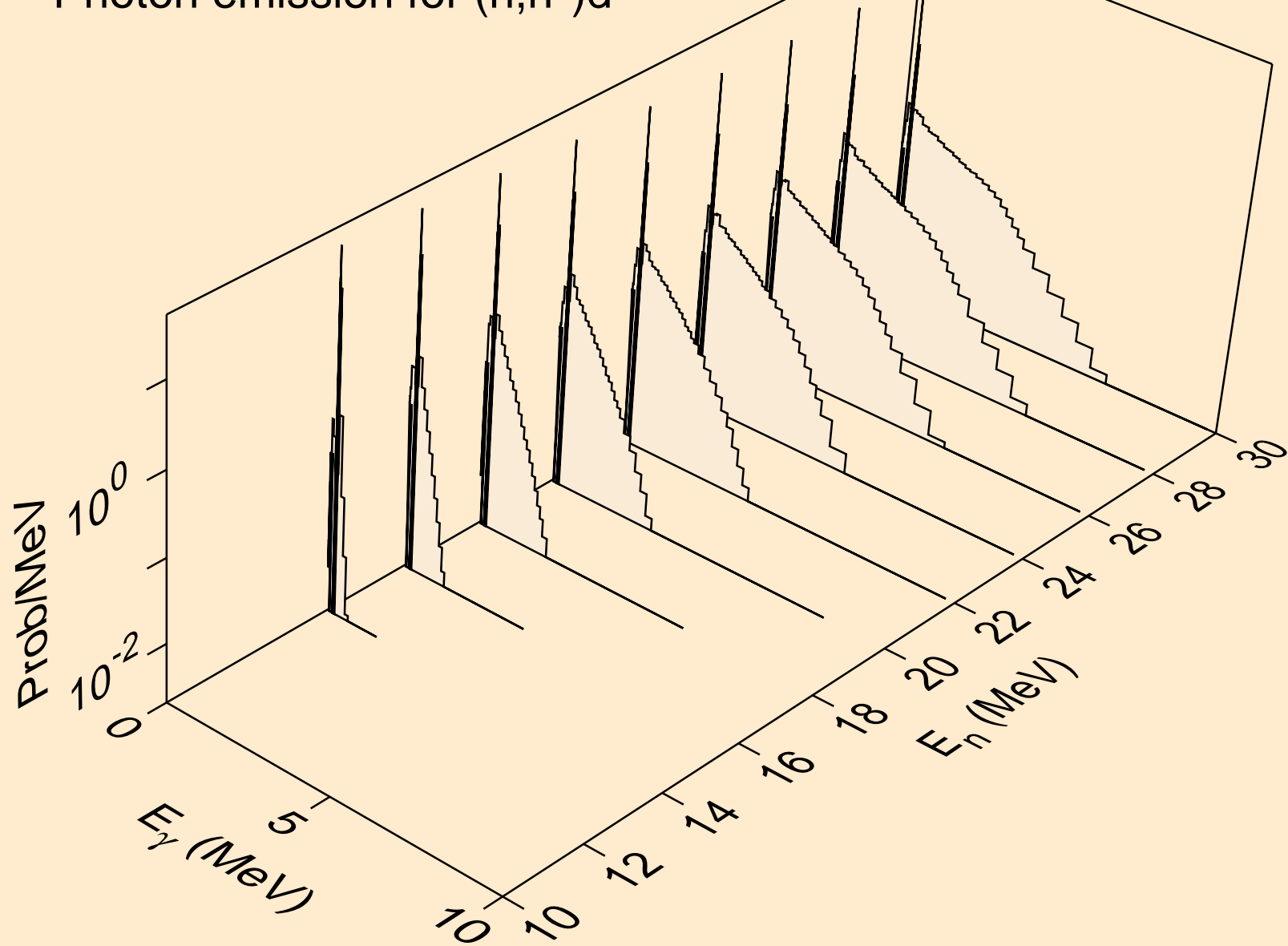
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

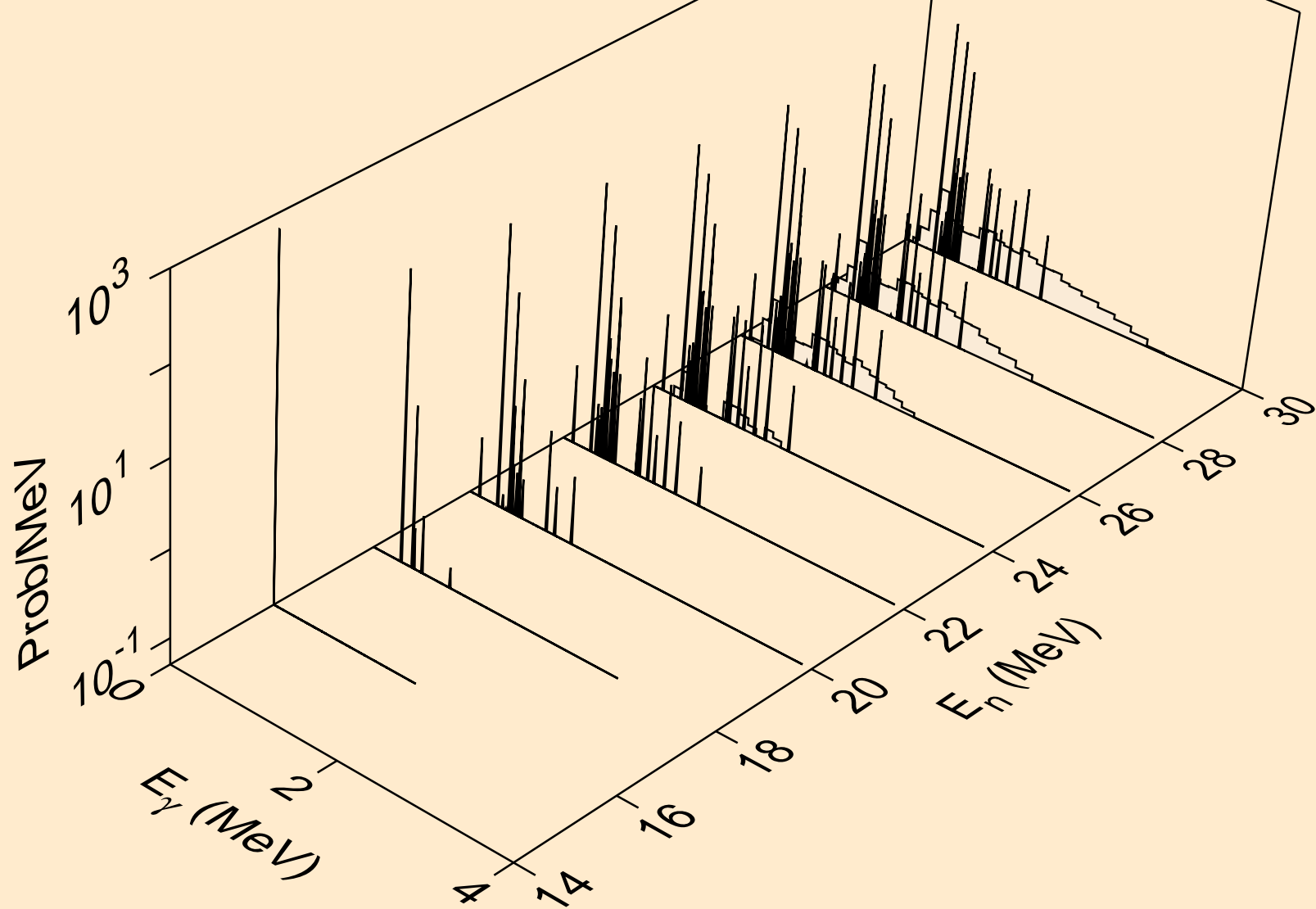


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

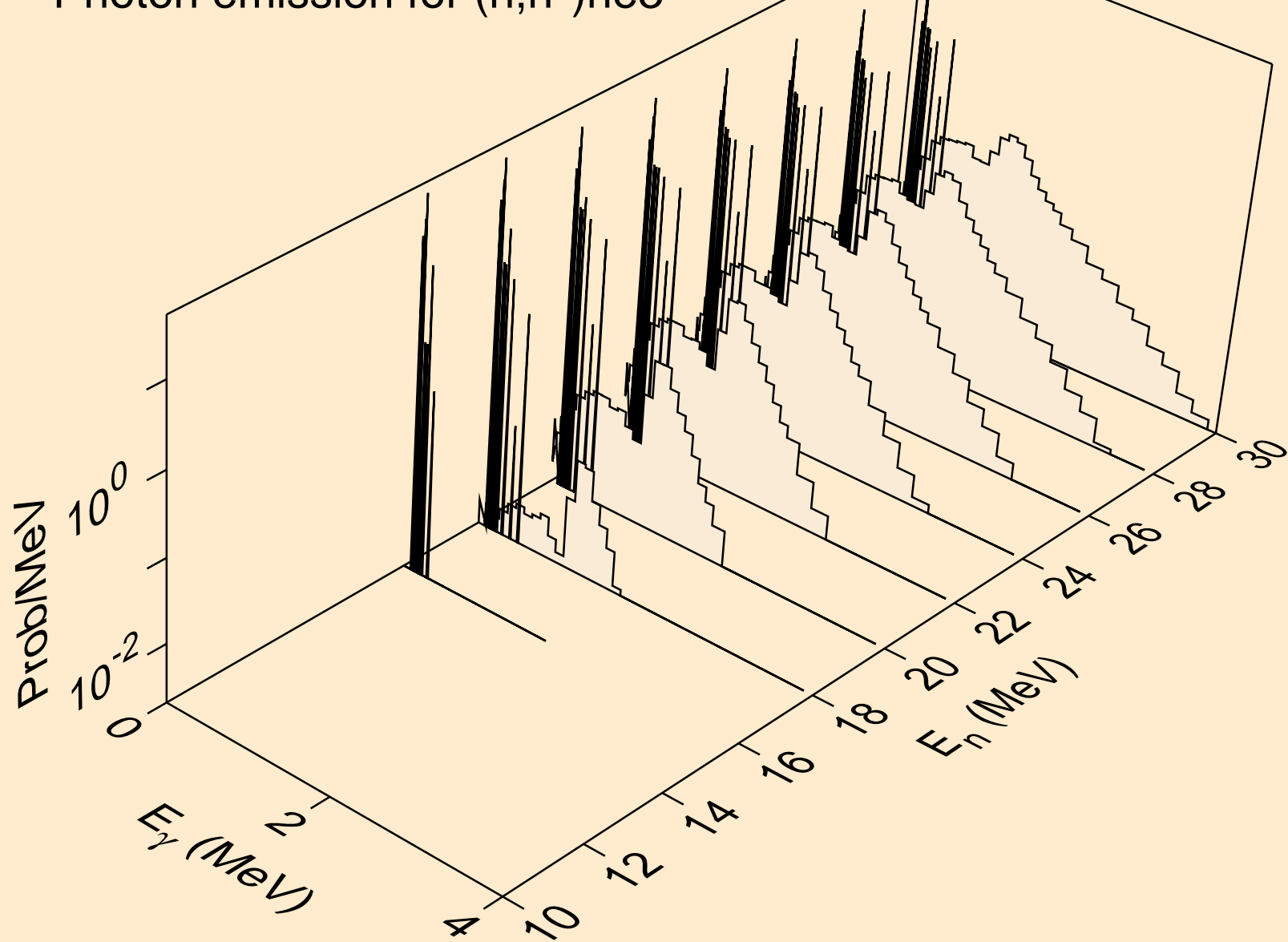




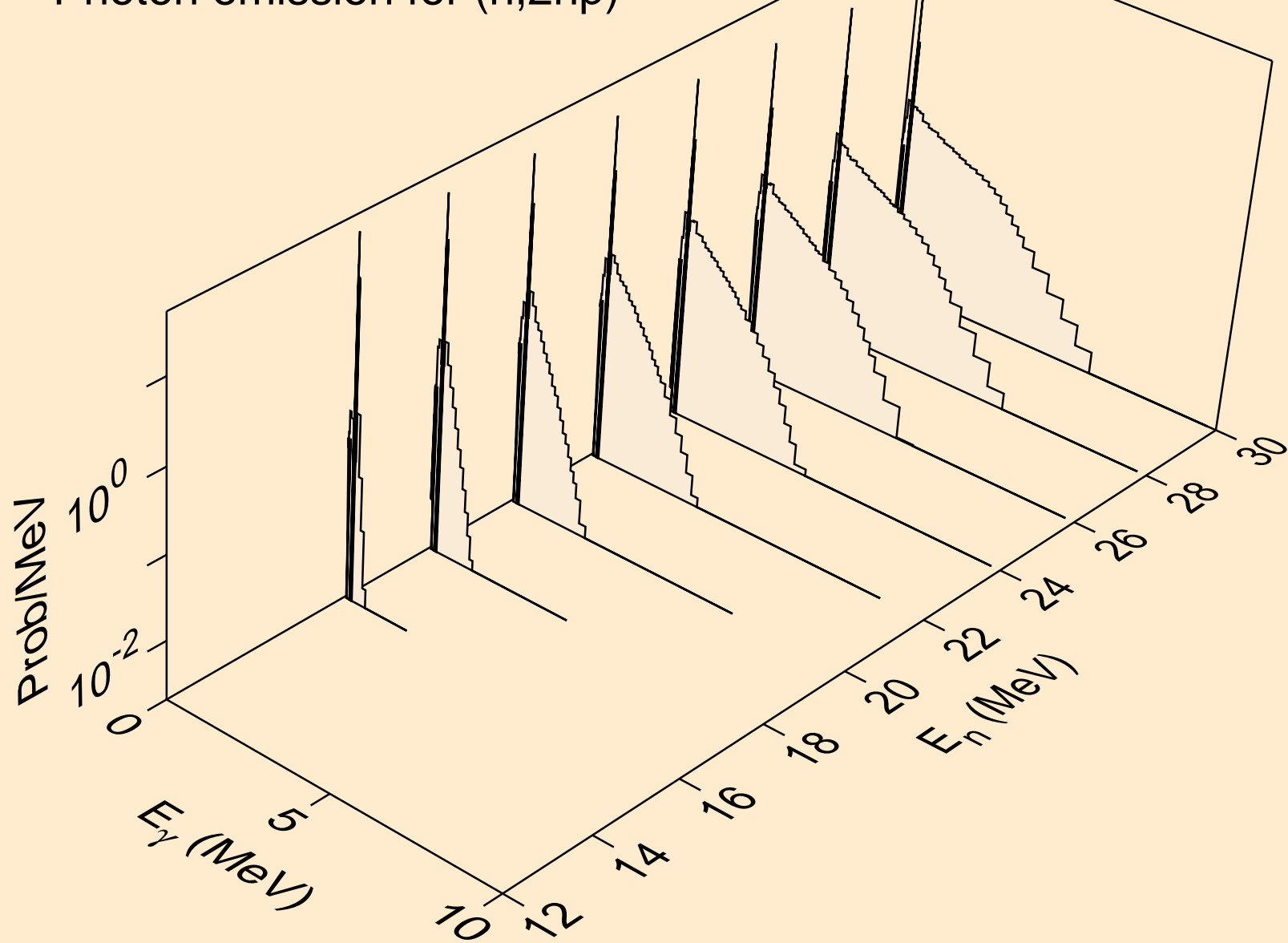
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



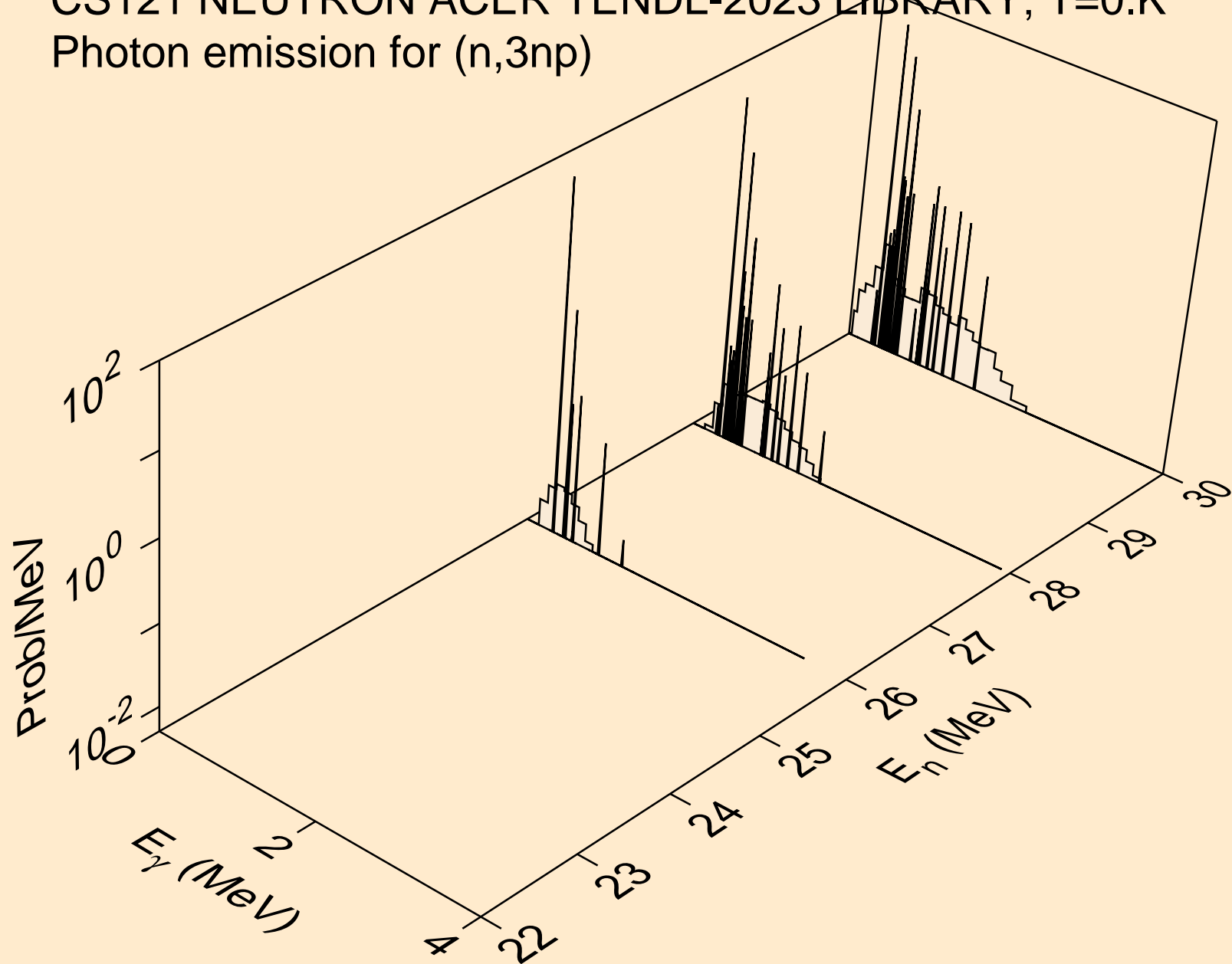
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



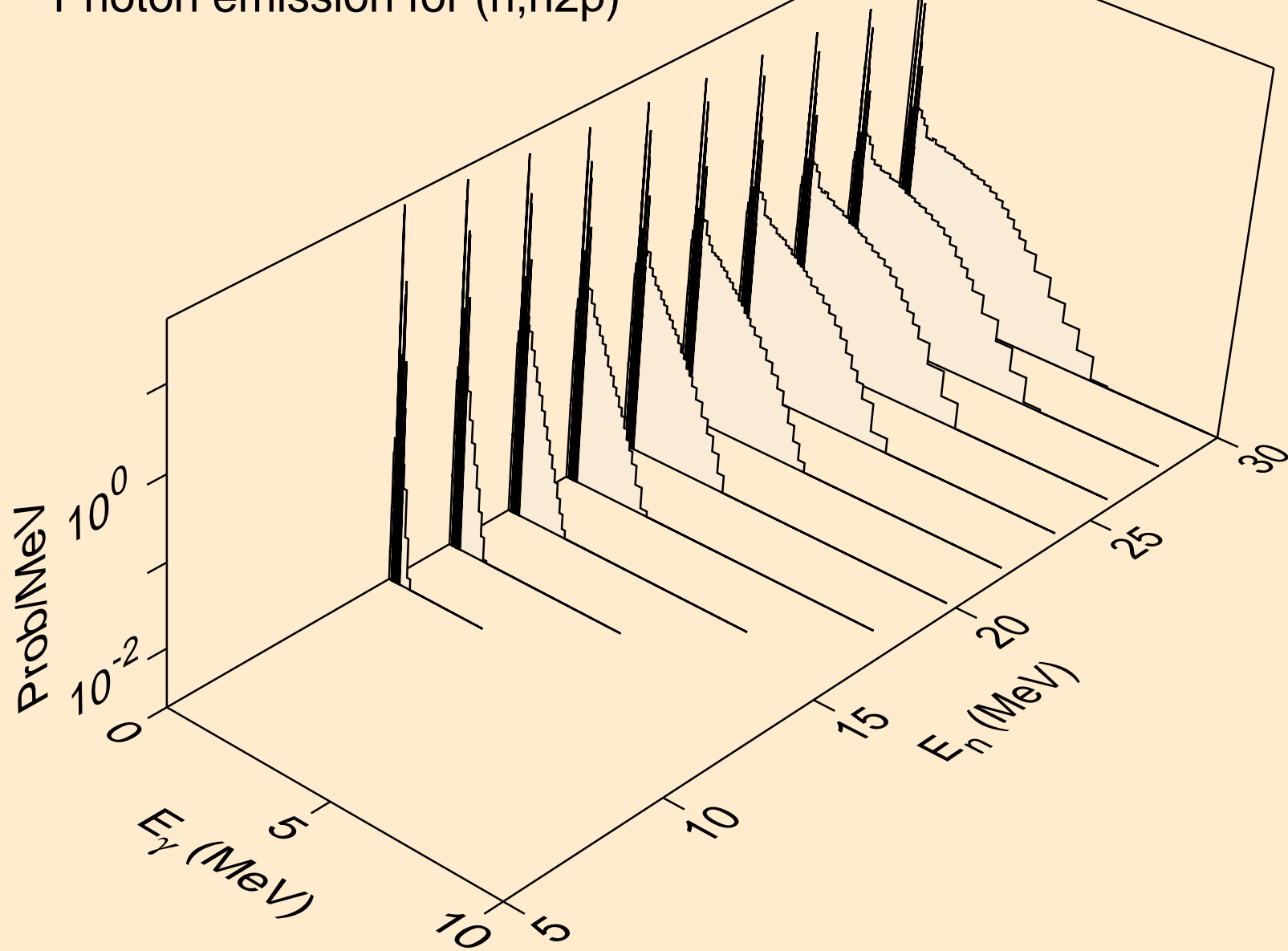
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



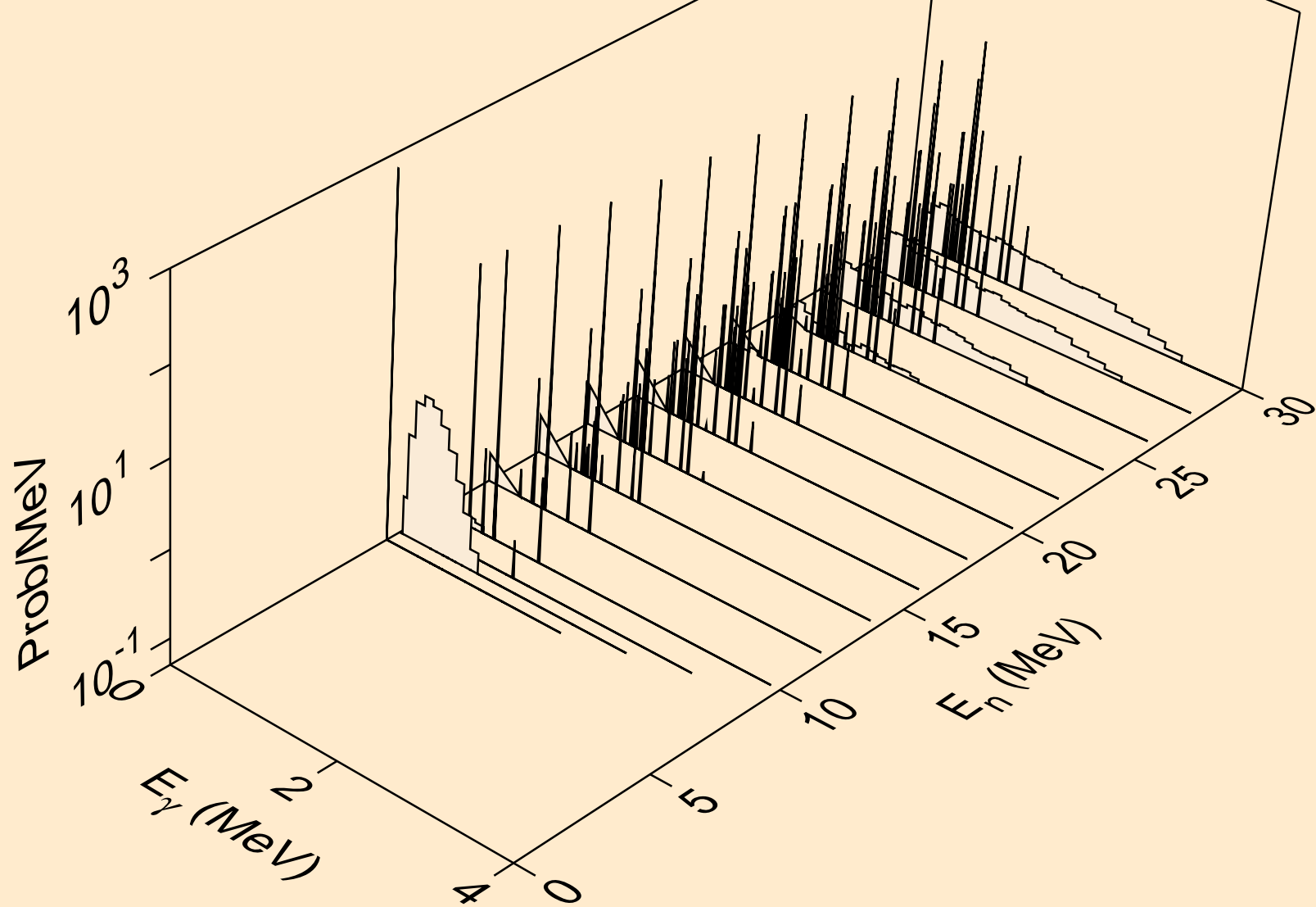
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



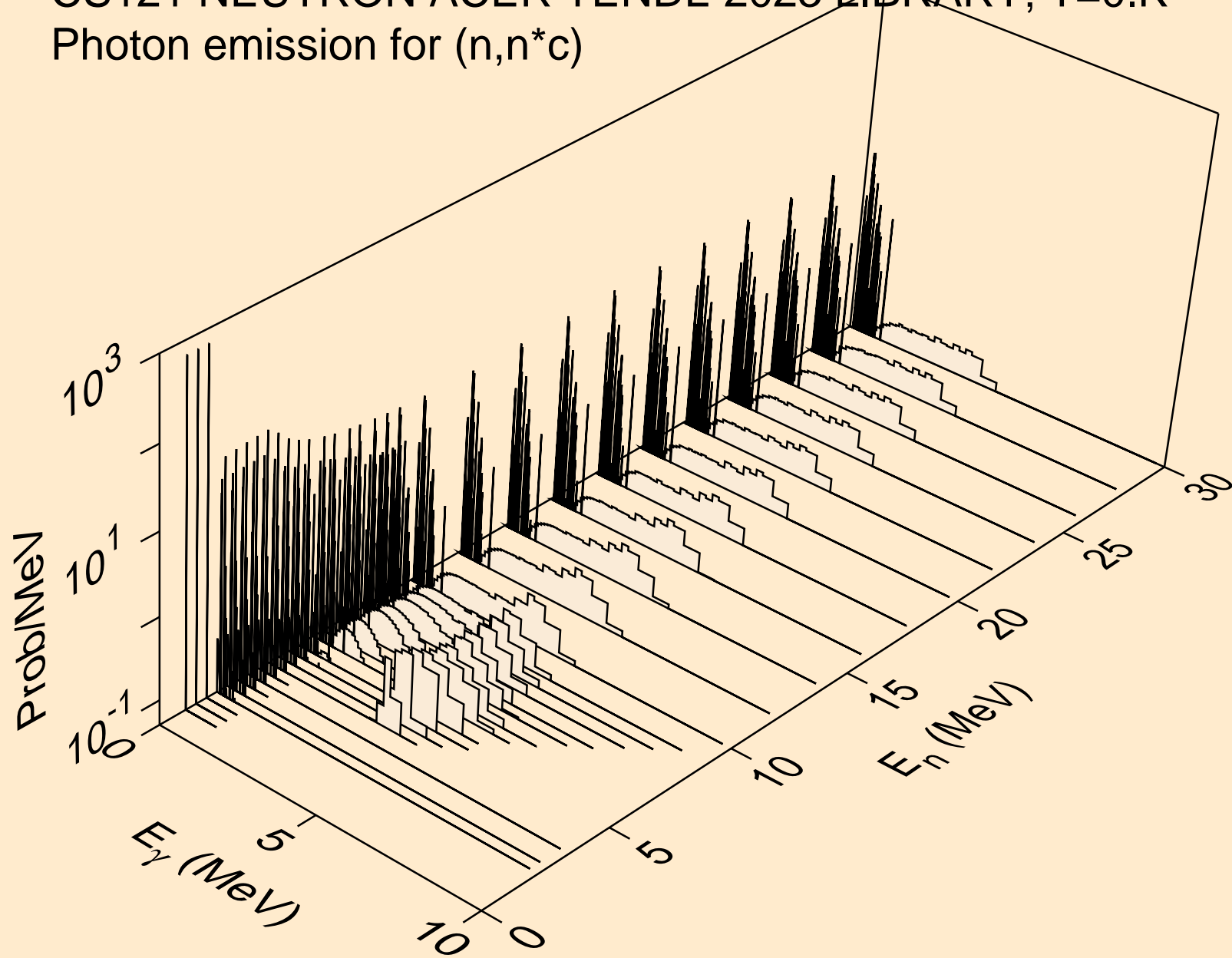
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



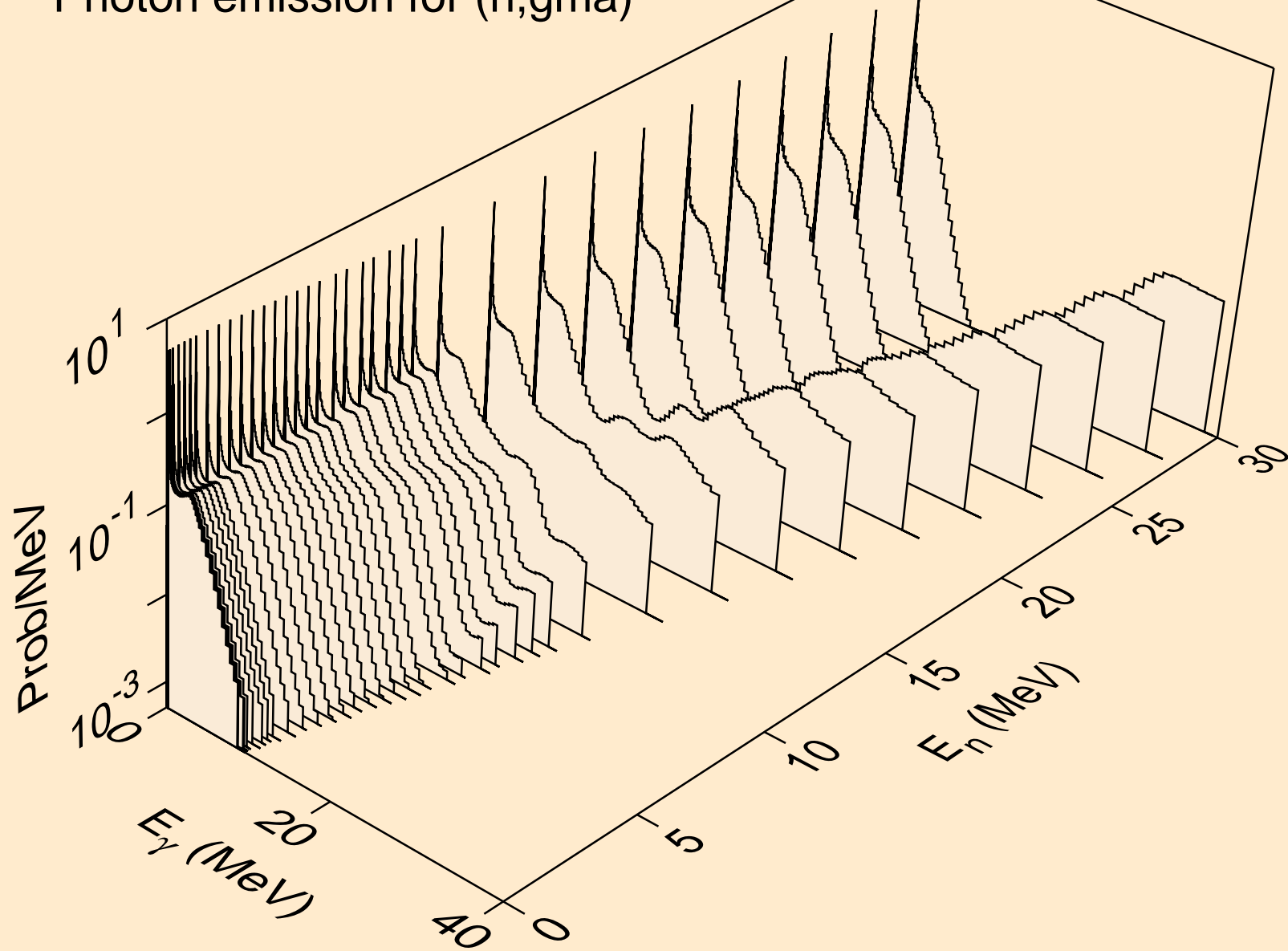
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

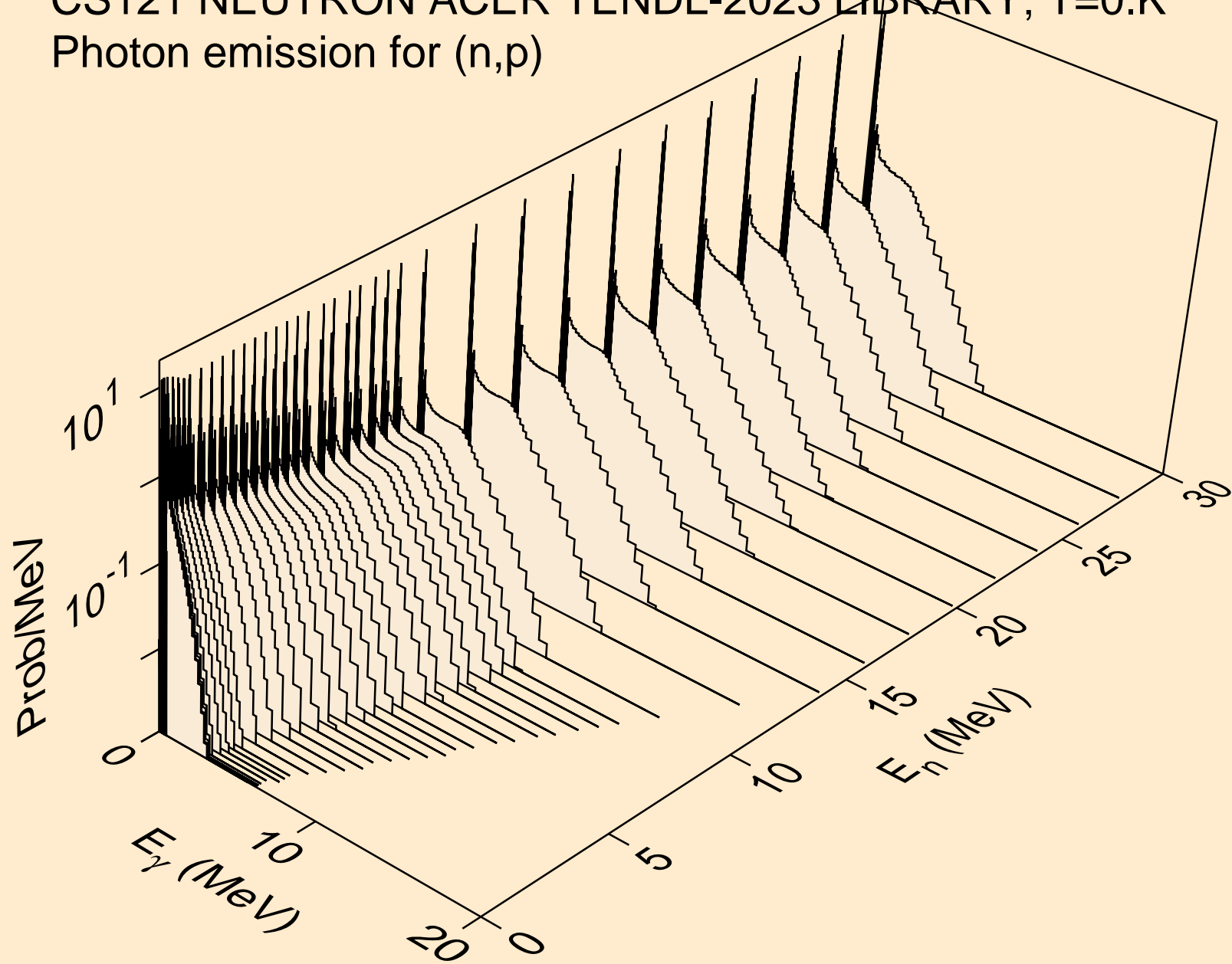


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

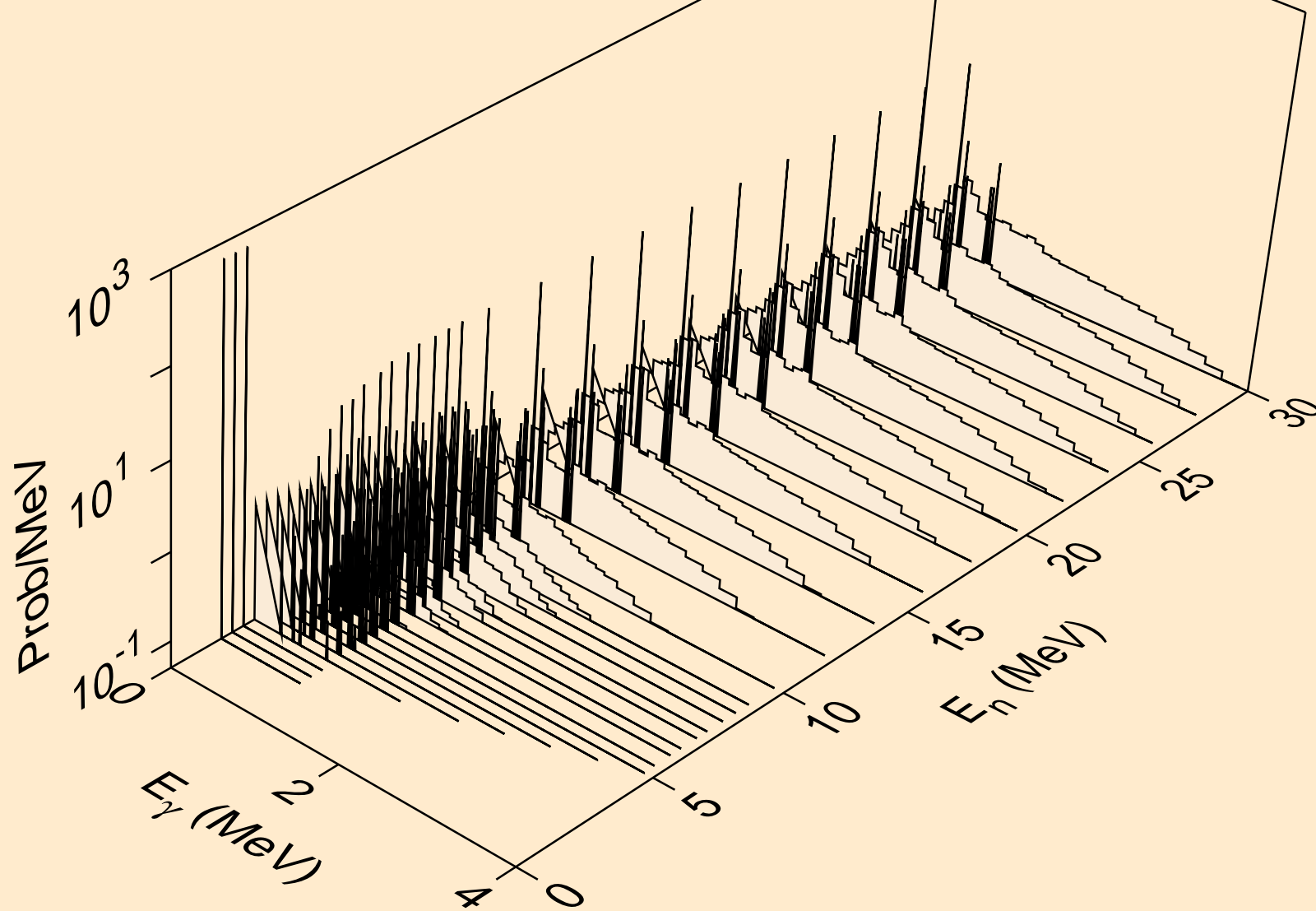




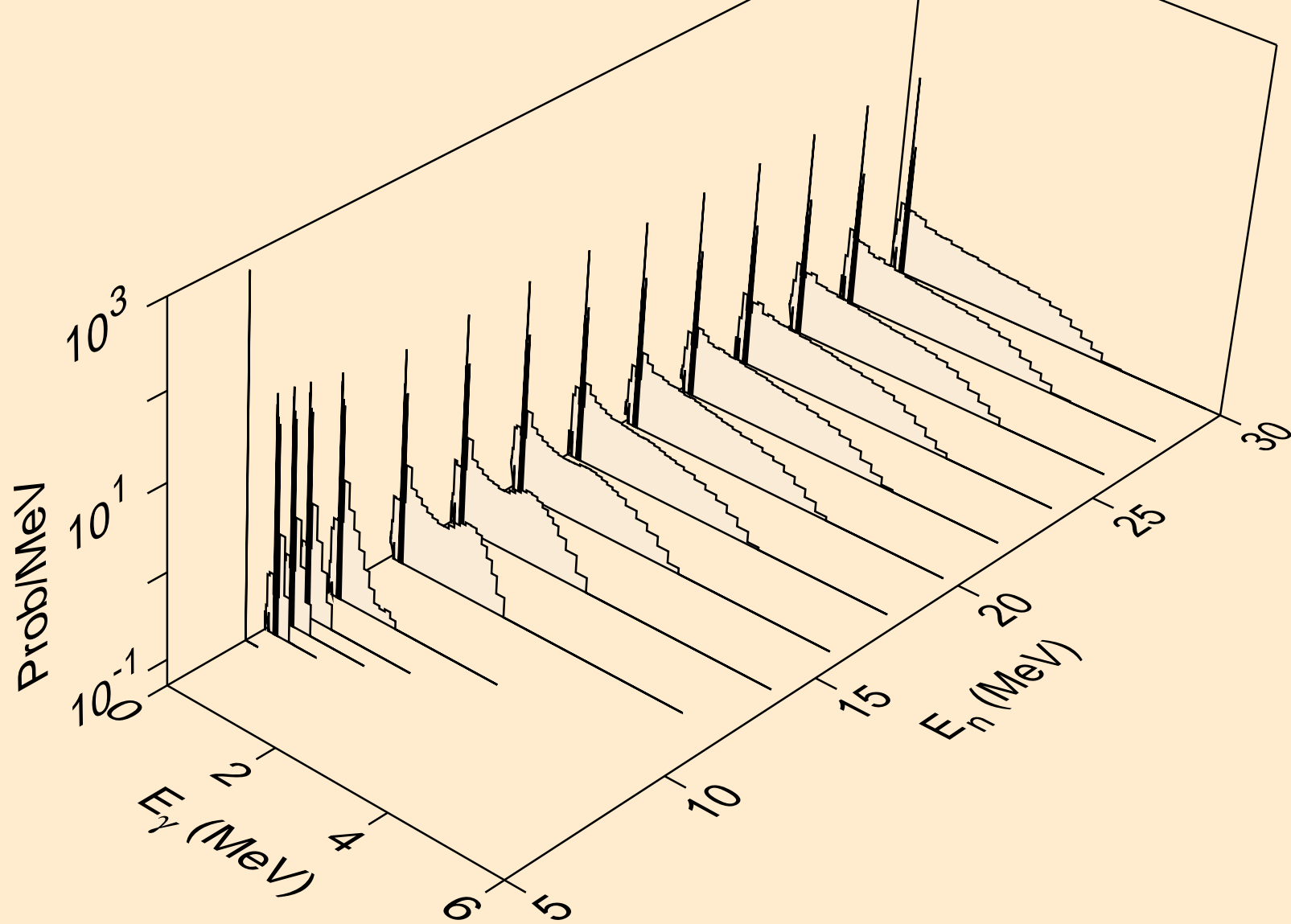
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



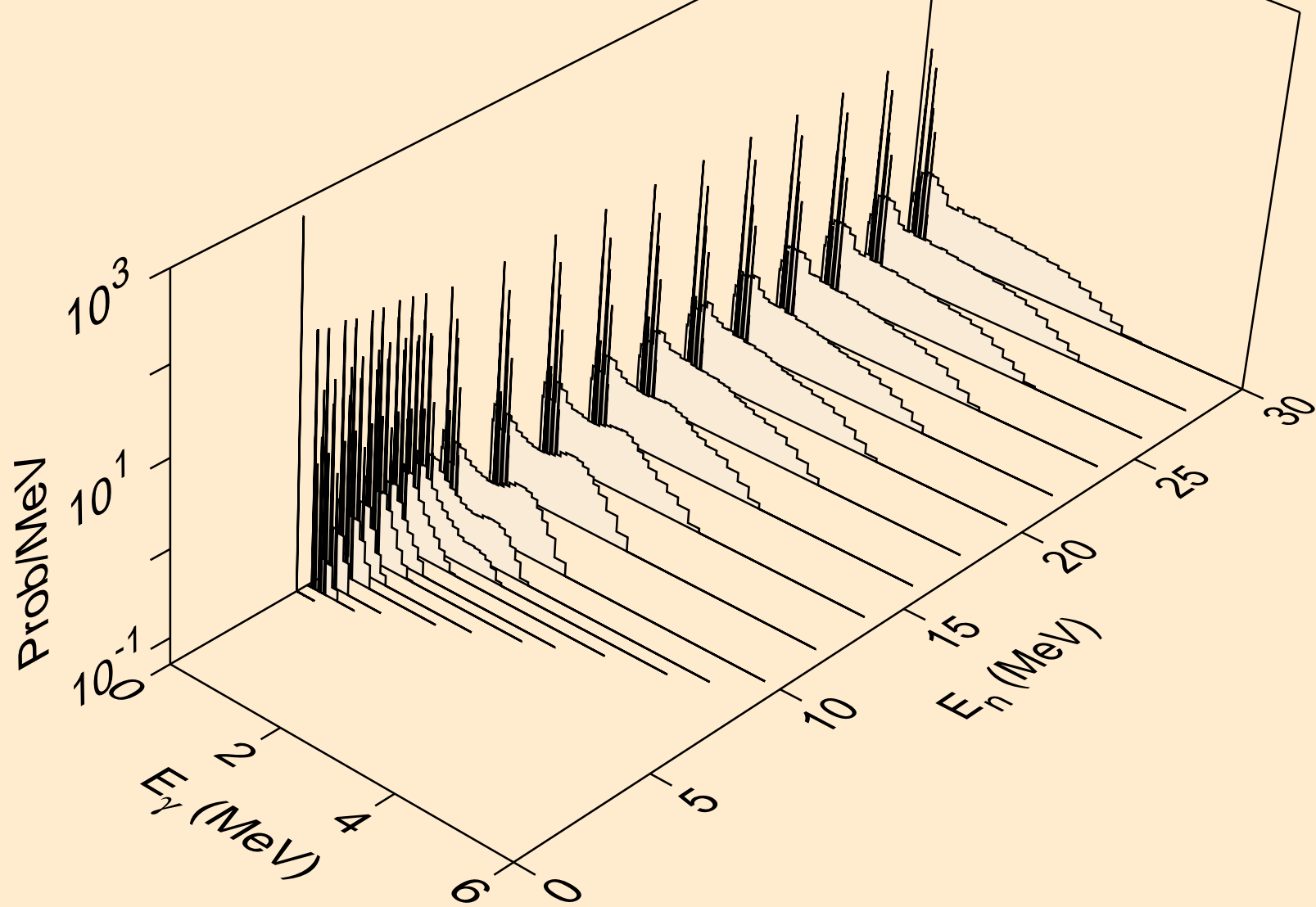
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



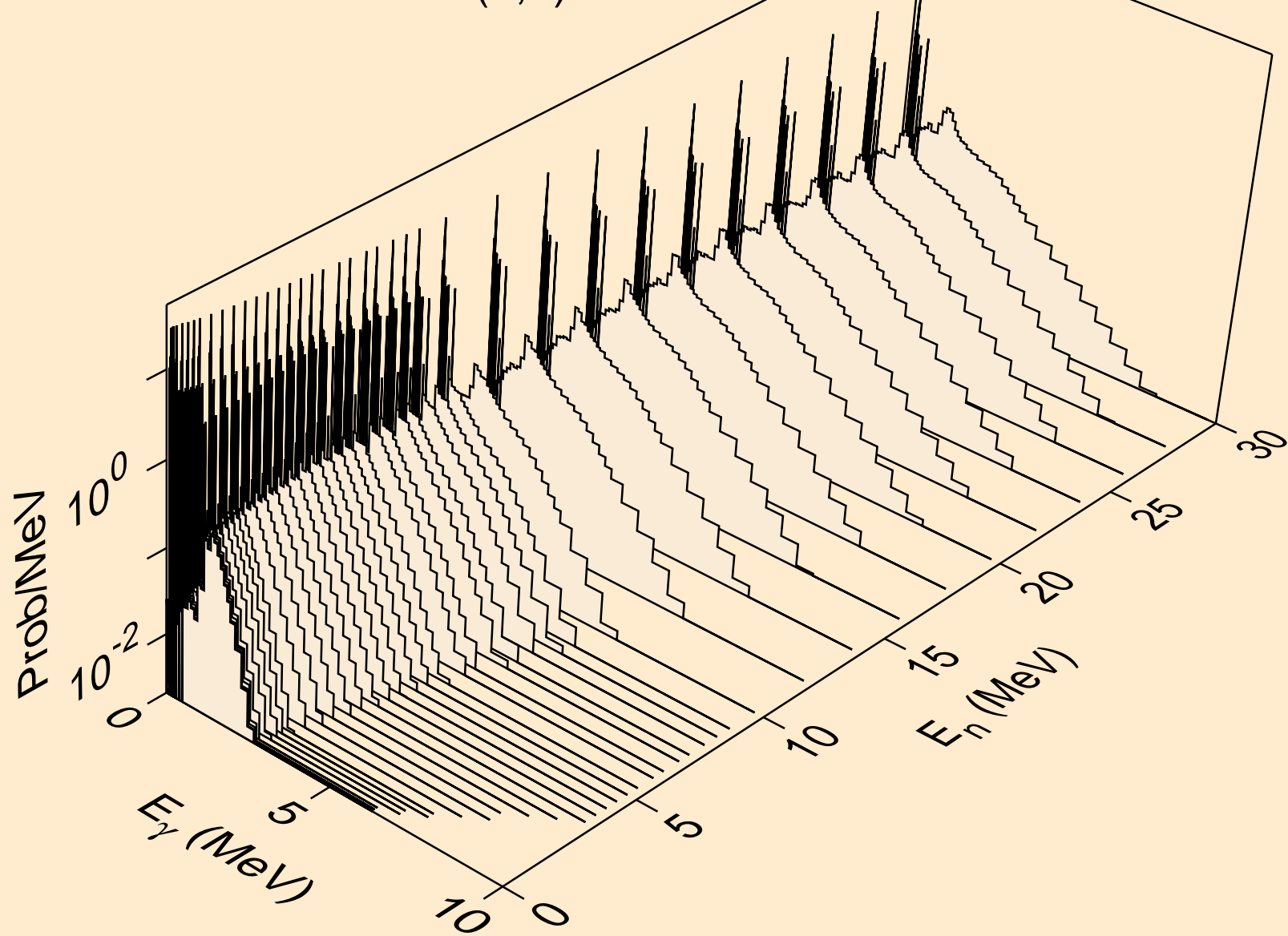
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



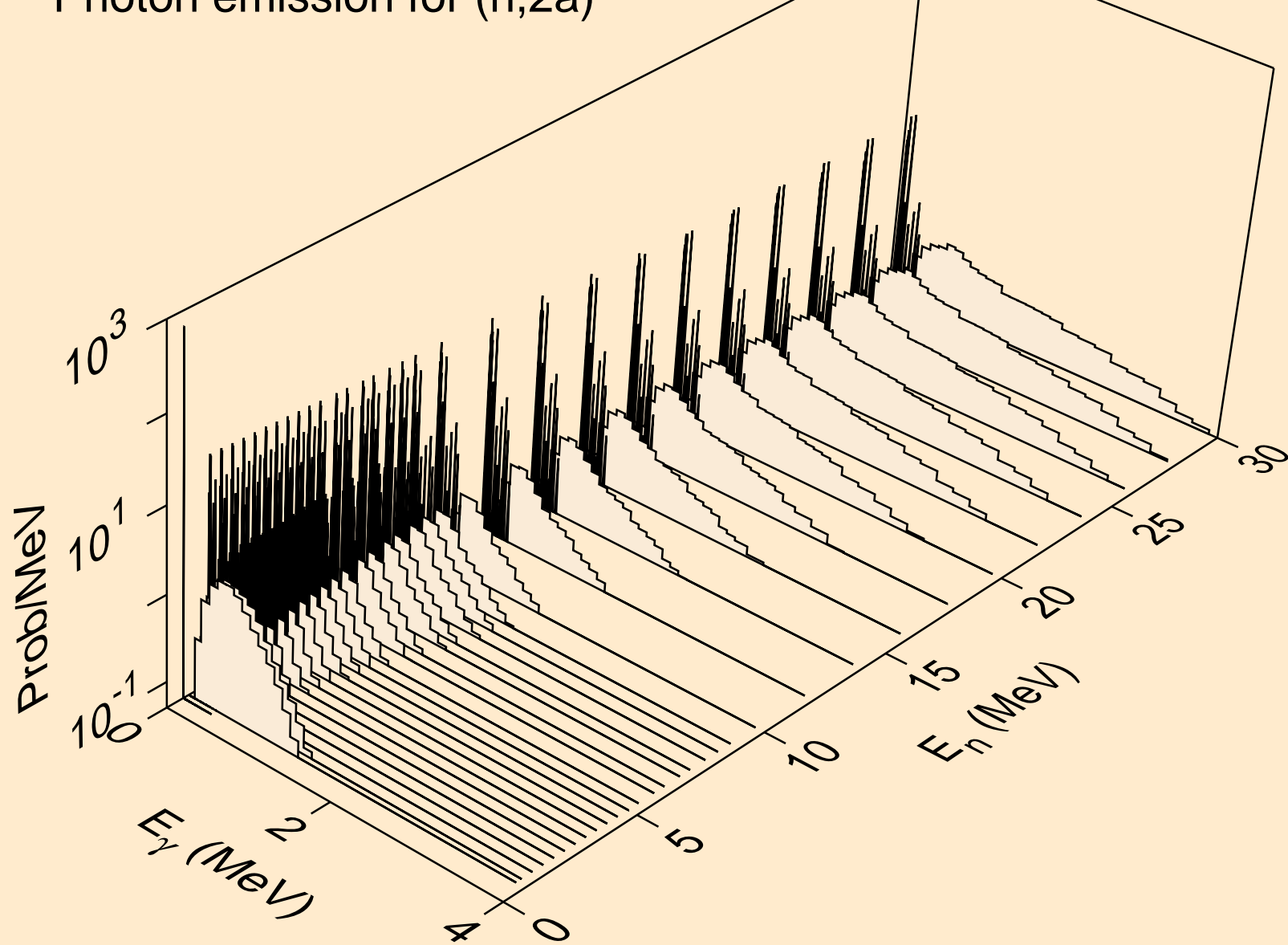
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



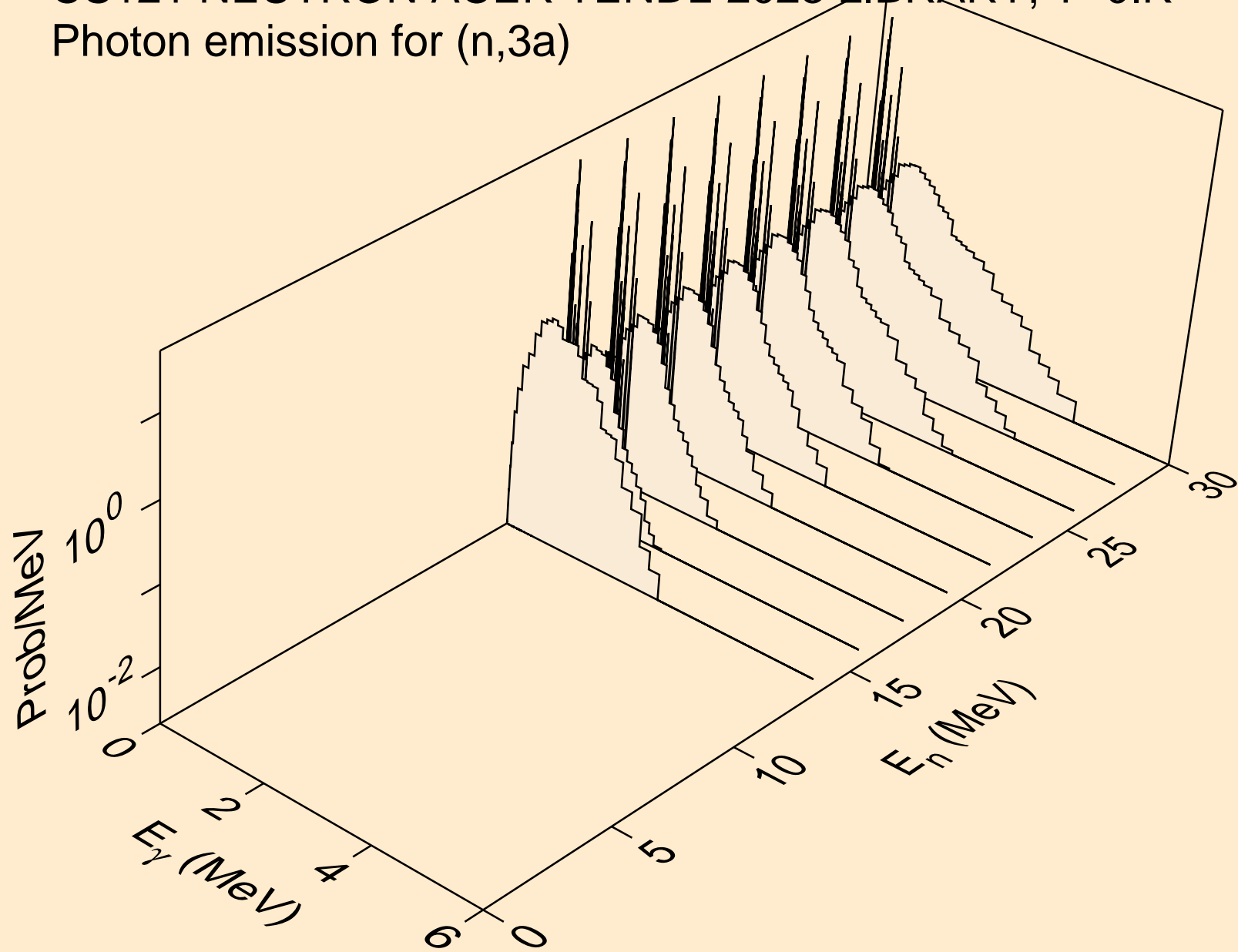
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



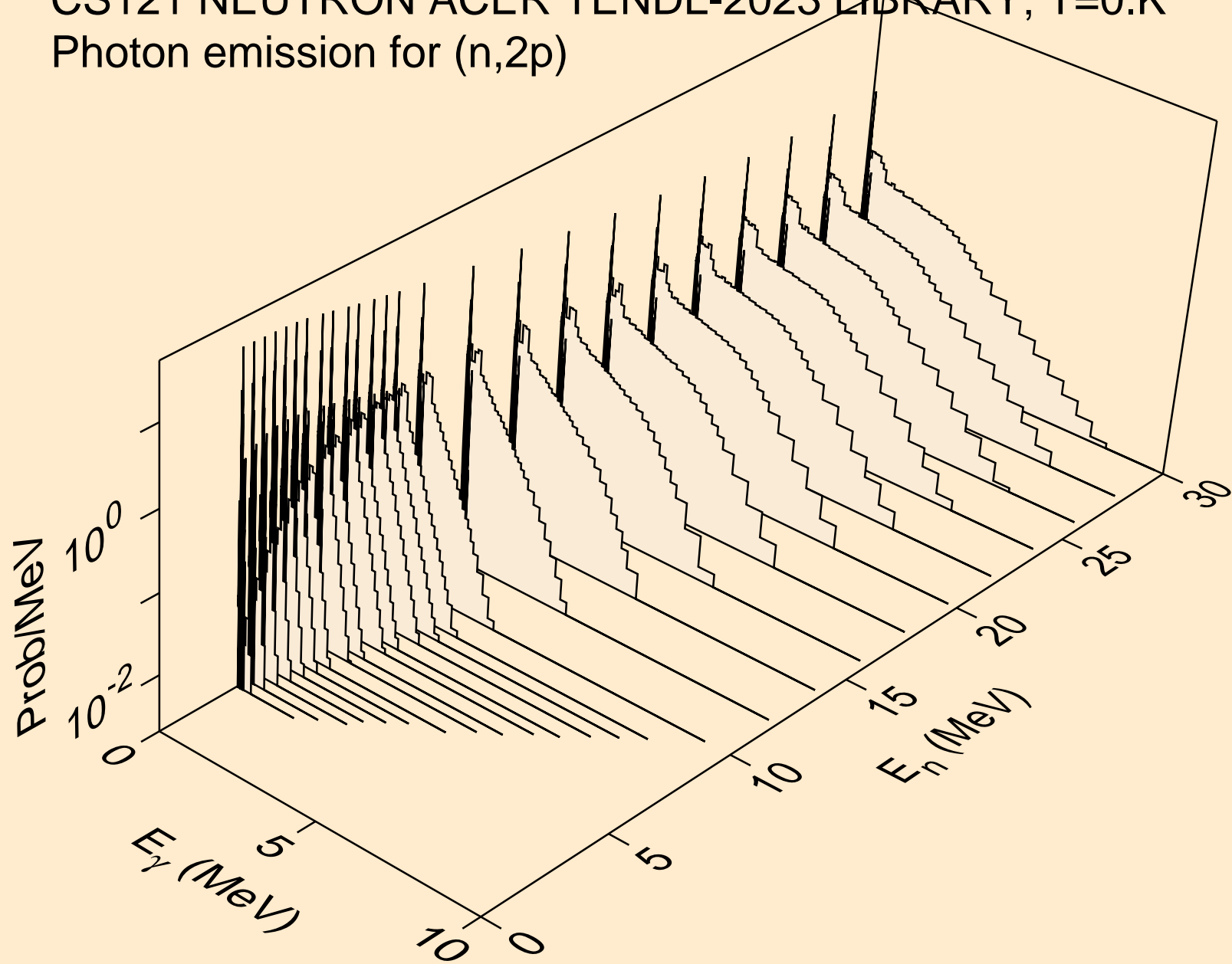
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)

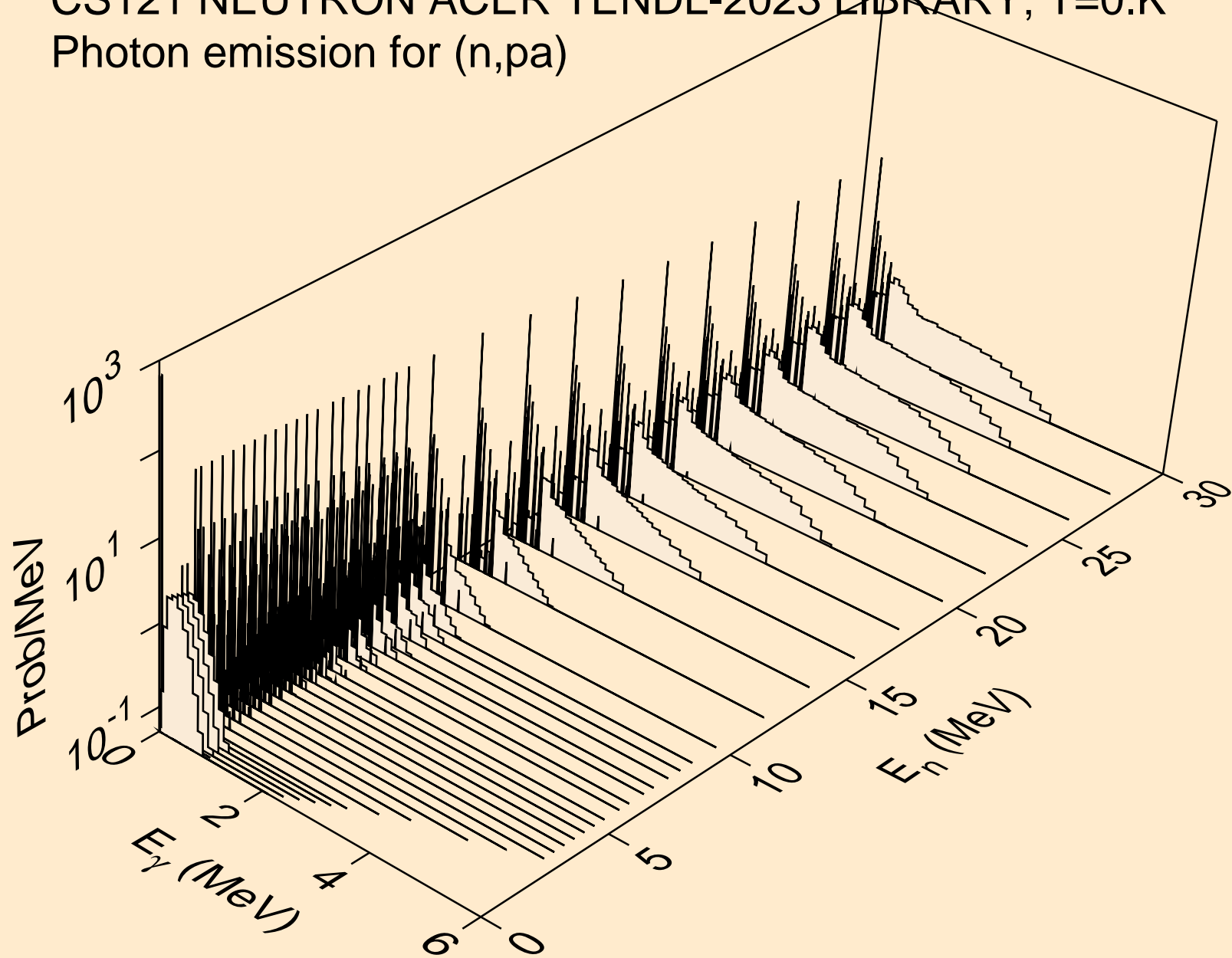


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

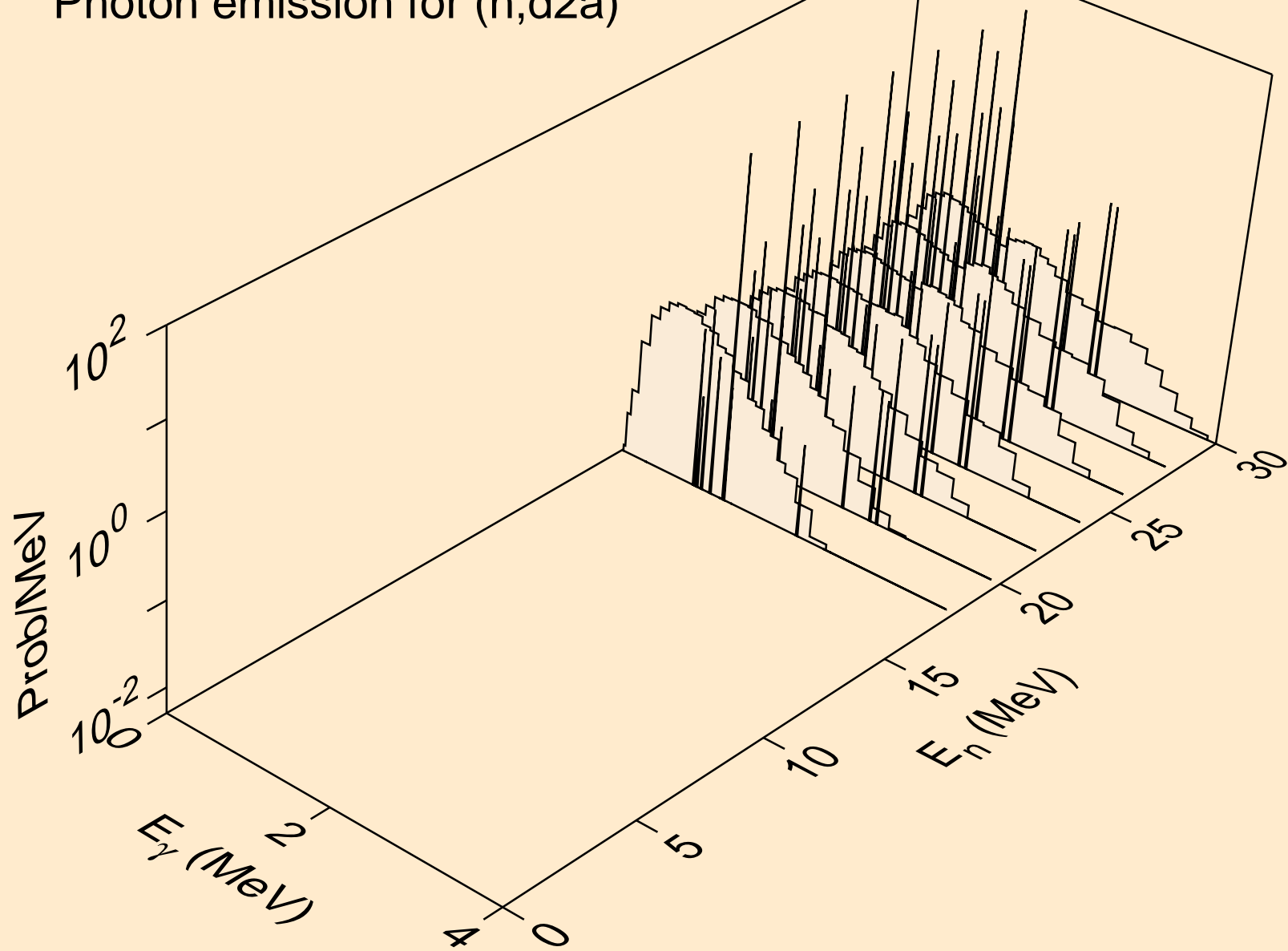




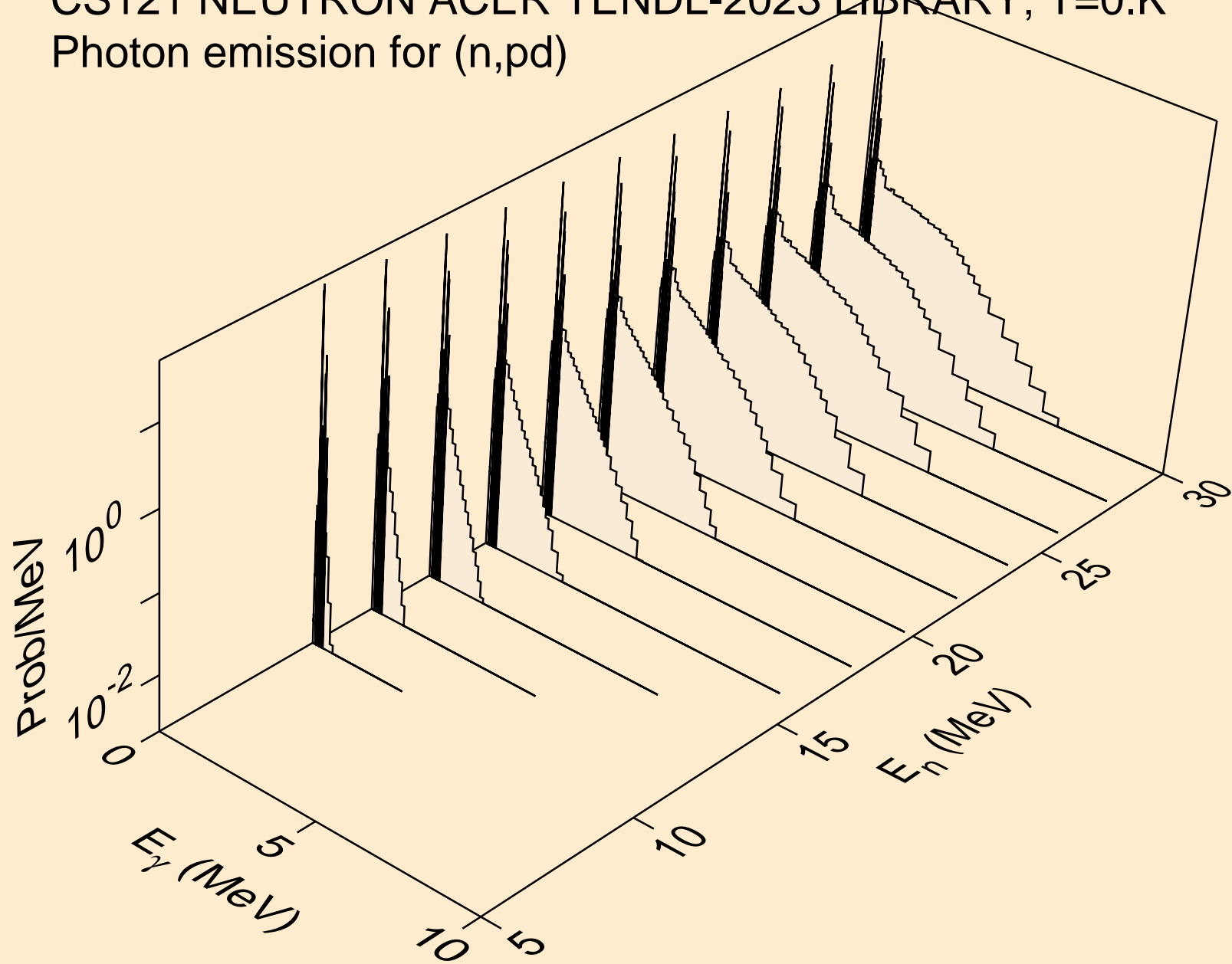
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



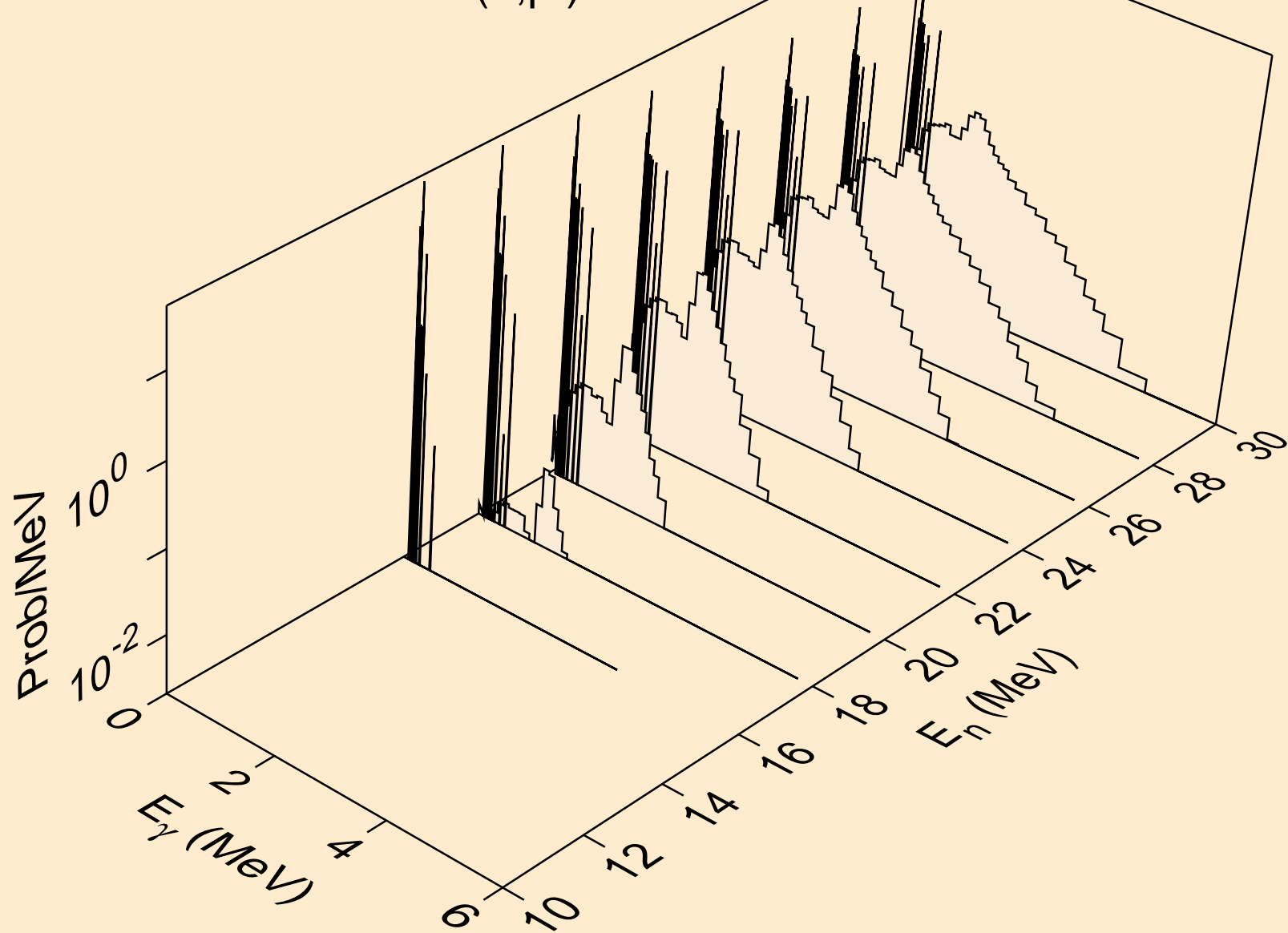
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)



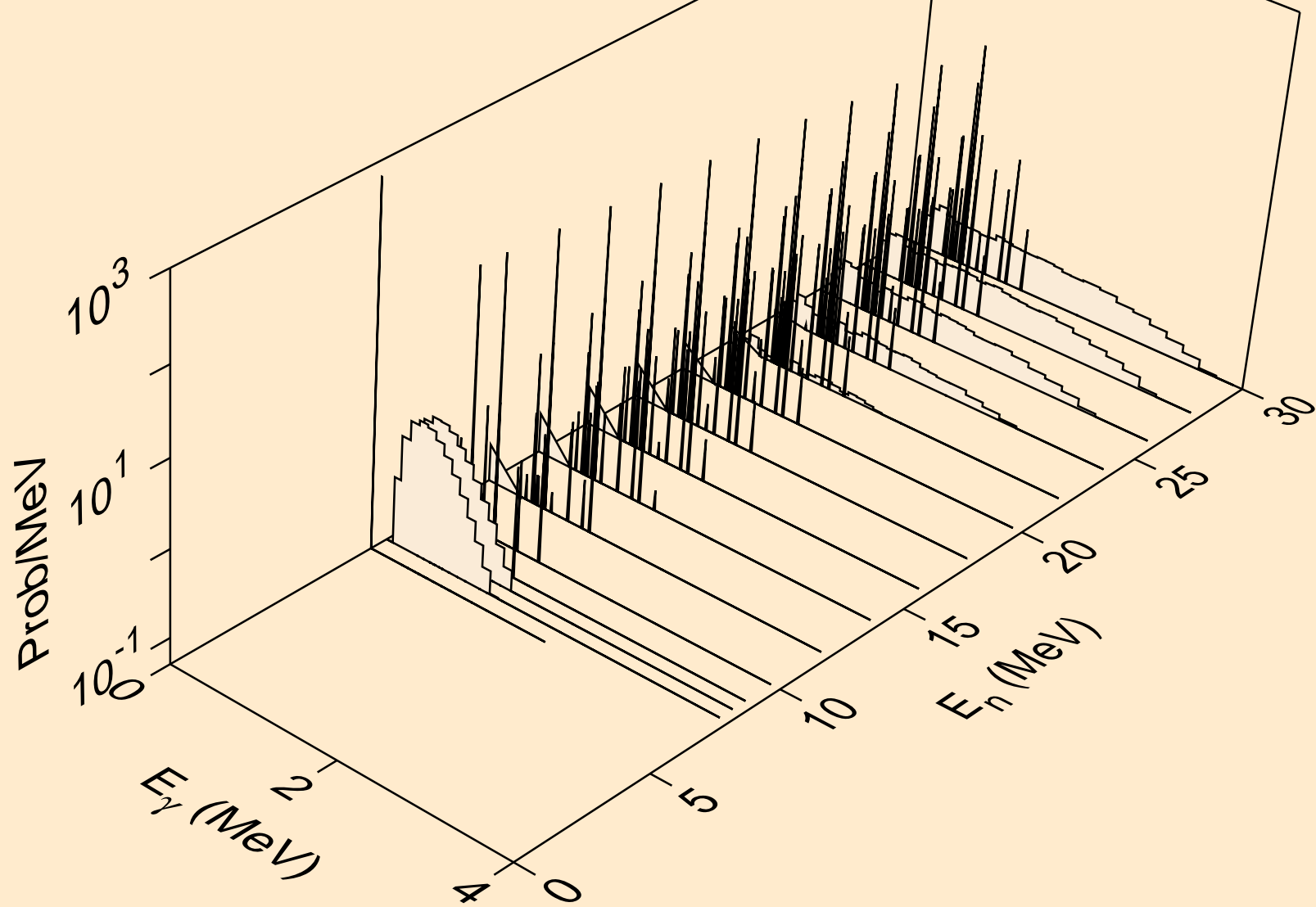
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



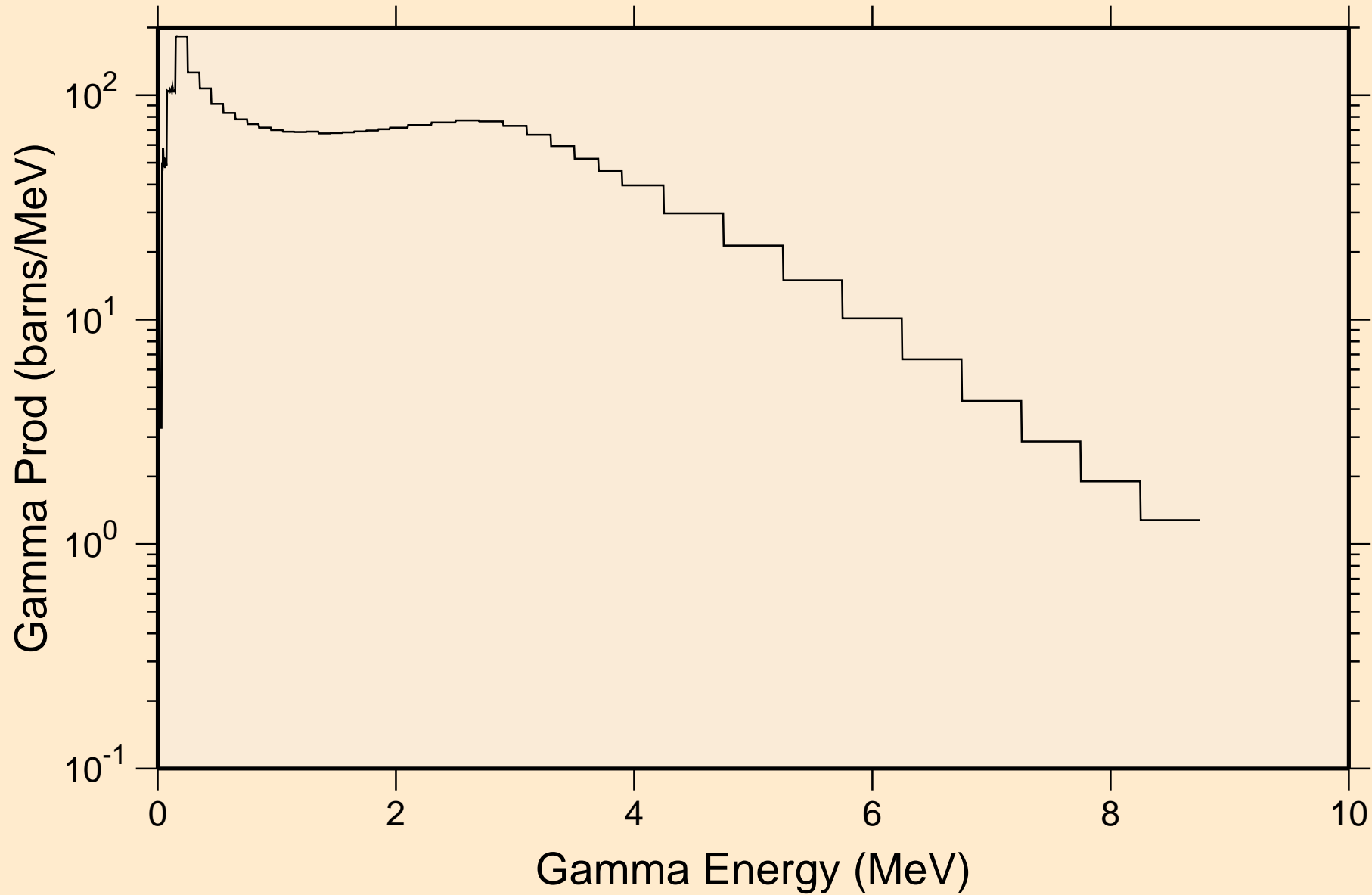
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



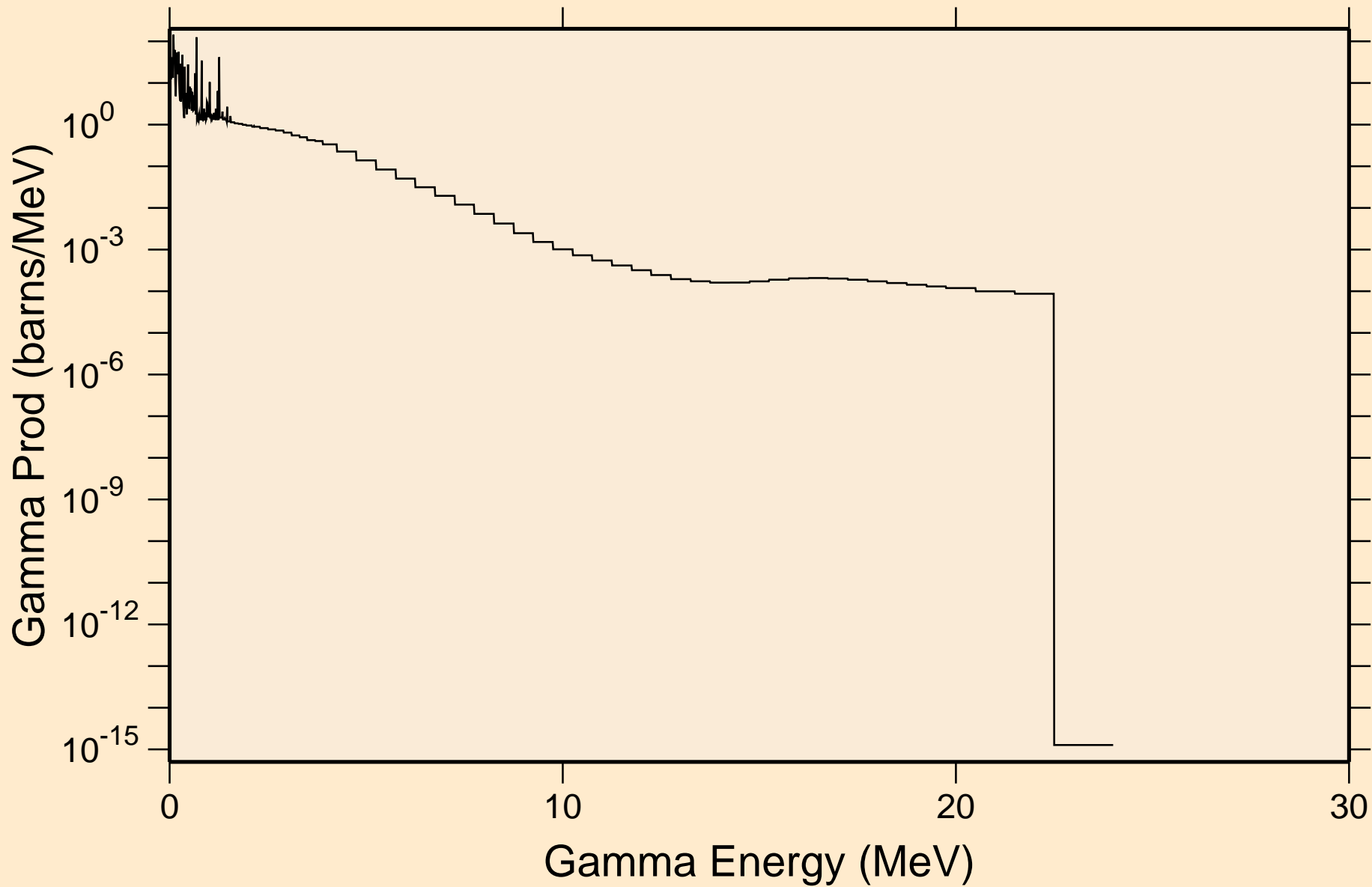
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

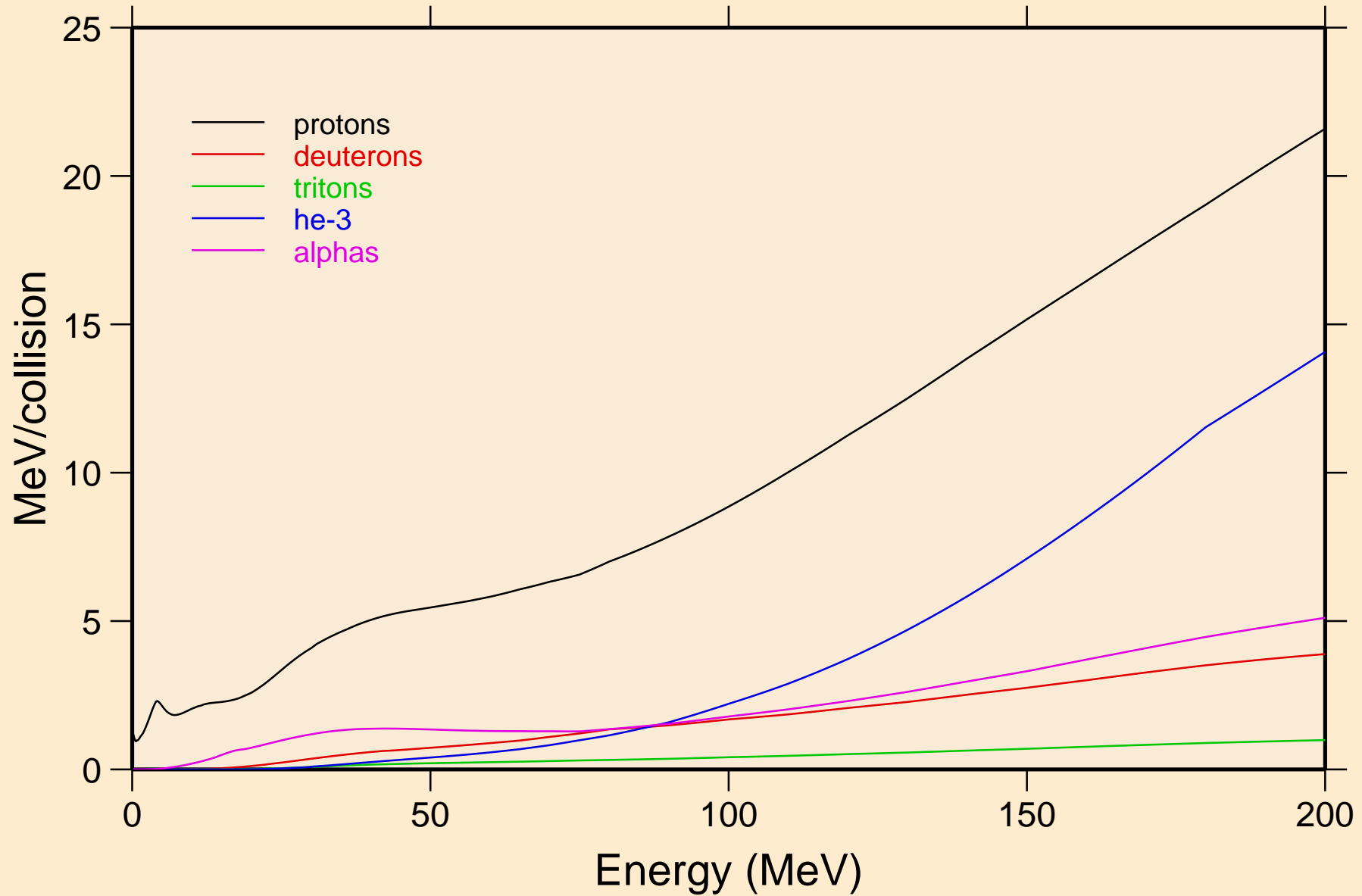


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



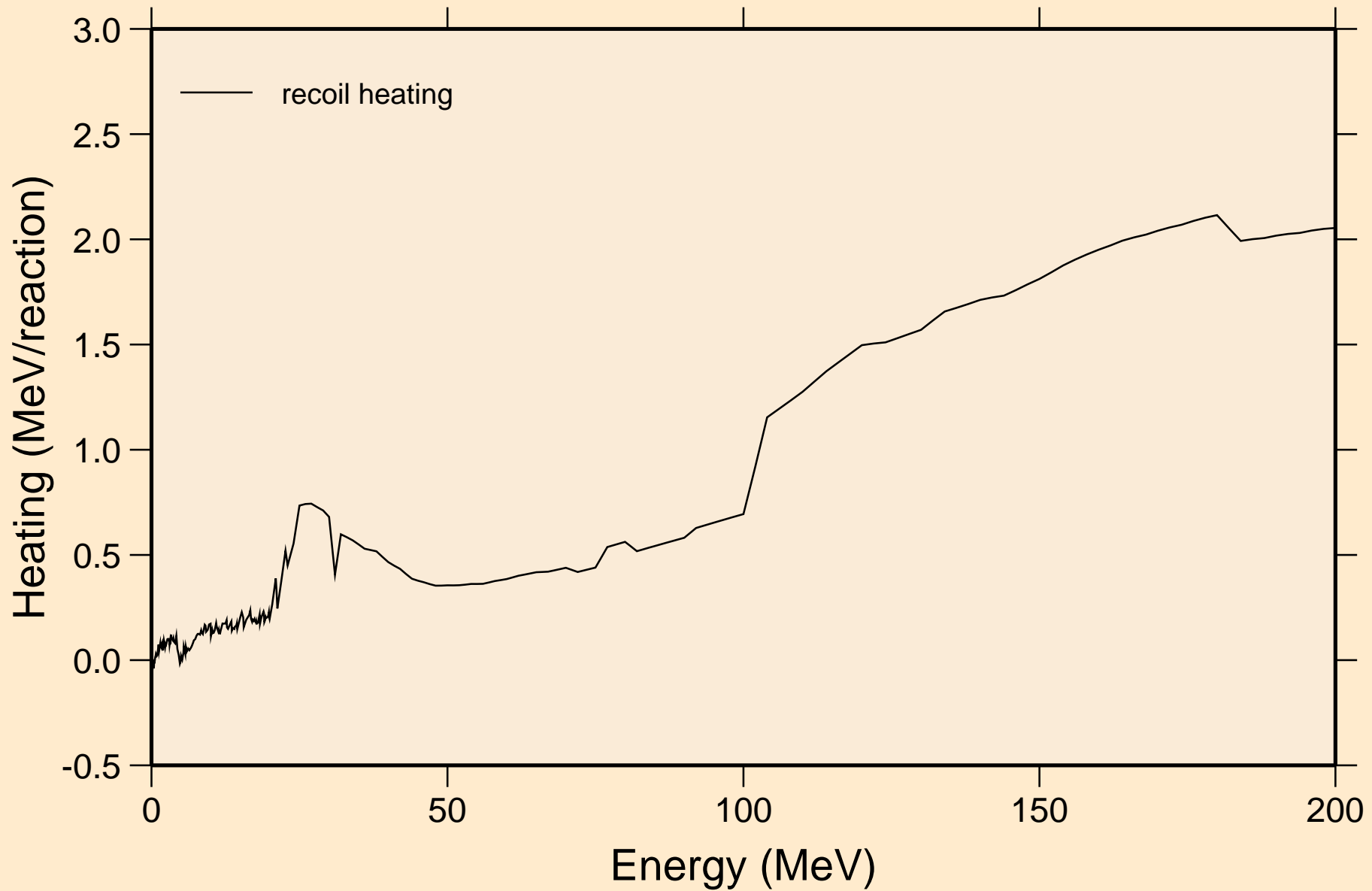
# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



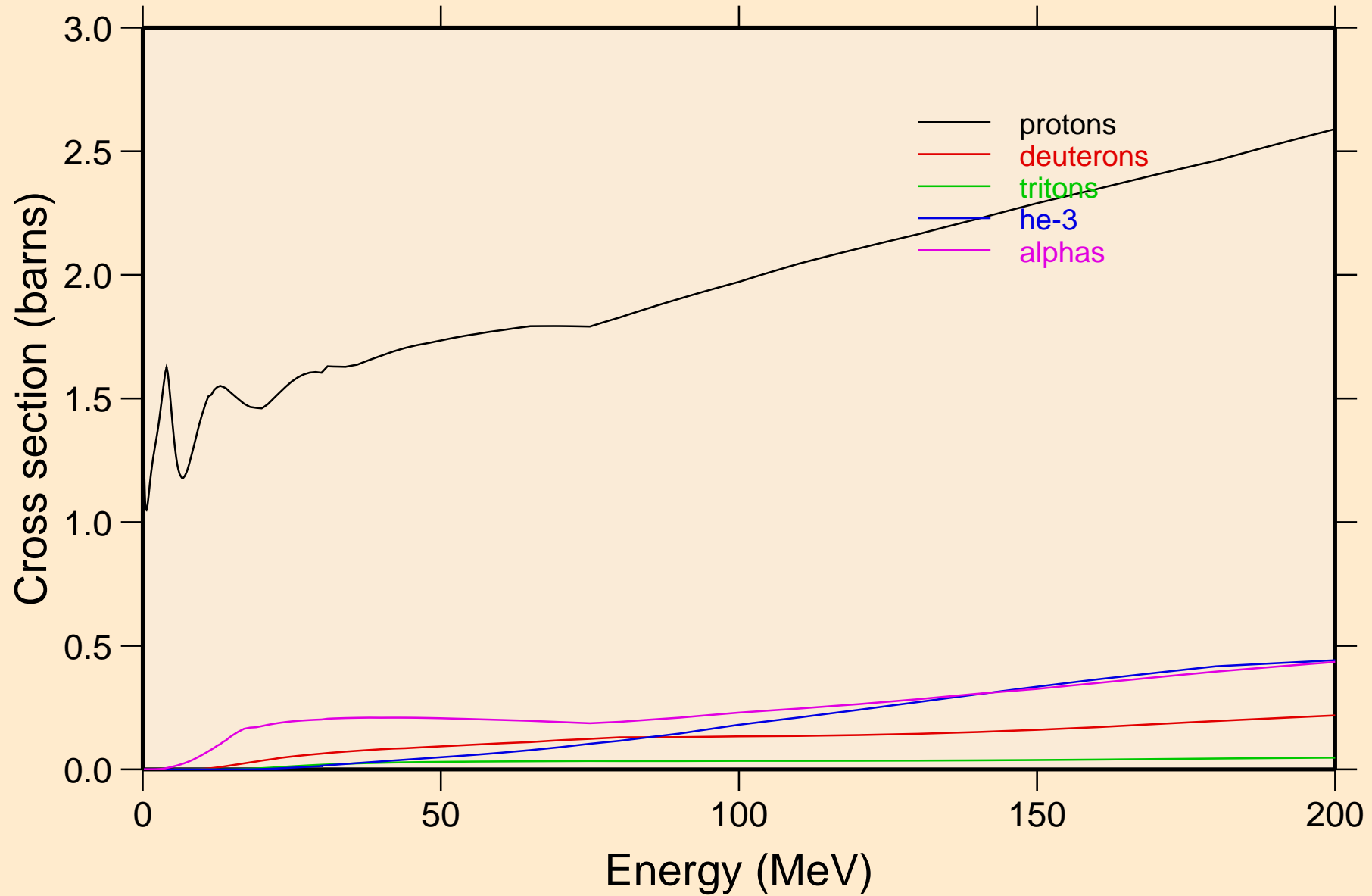


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

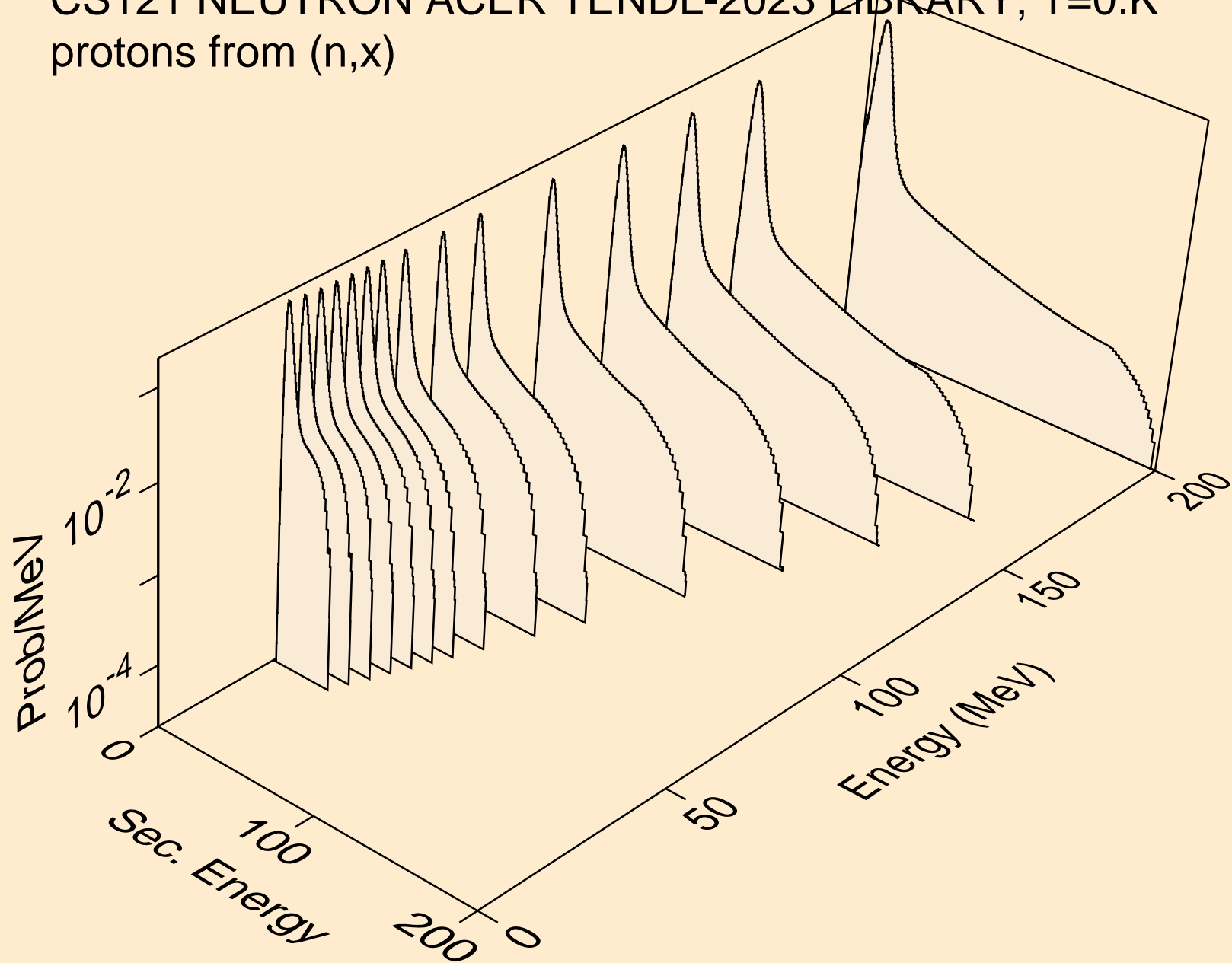


# CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

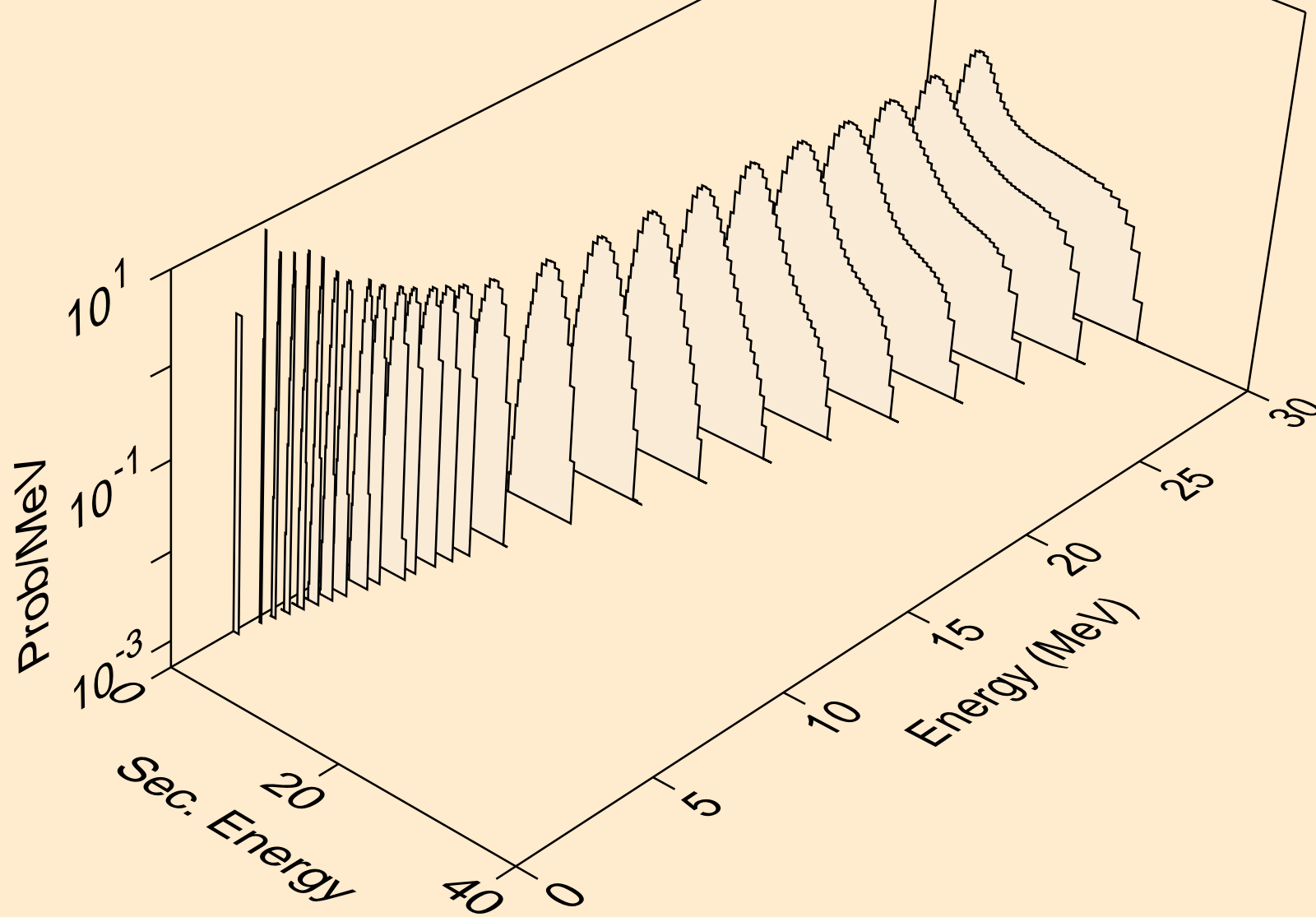
## Particle production cross sections



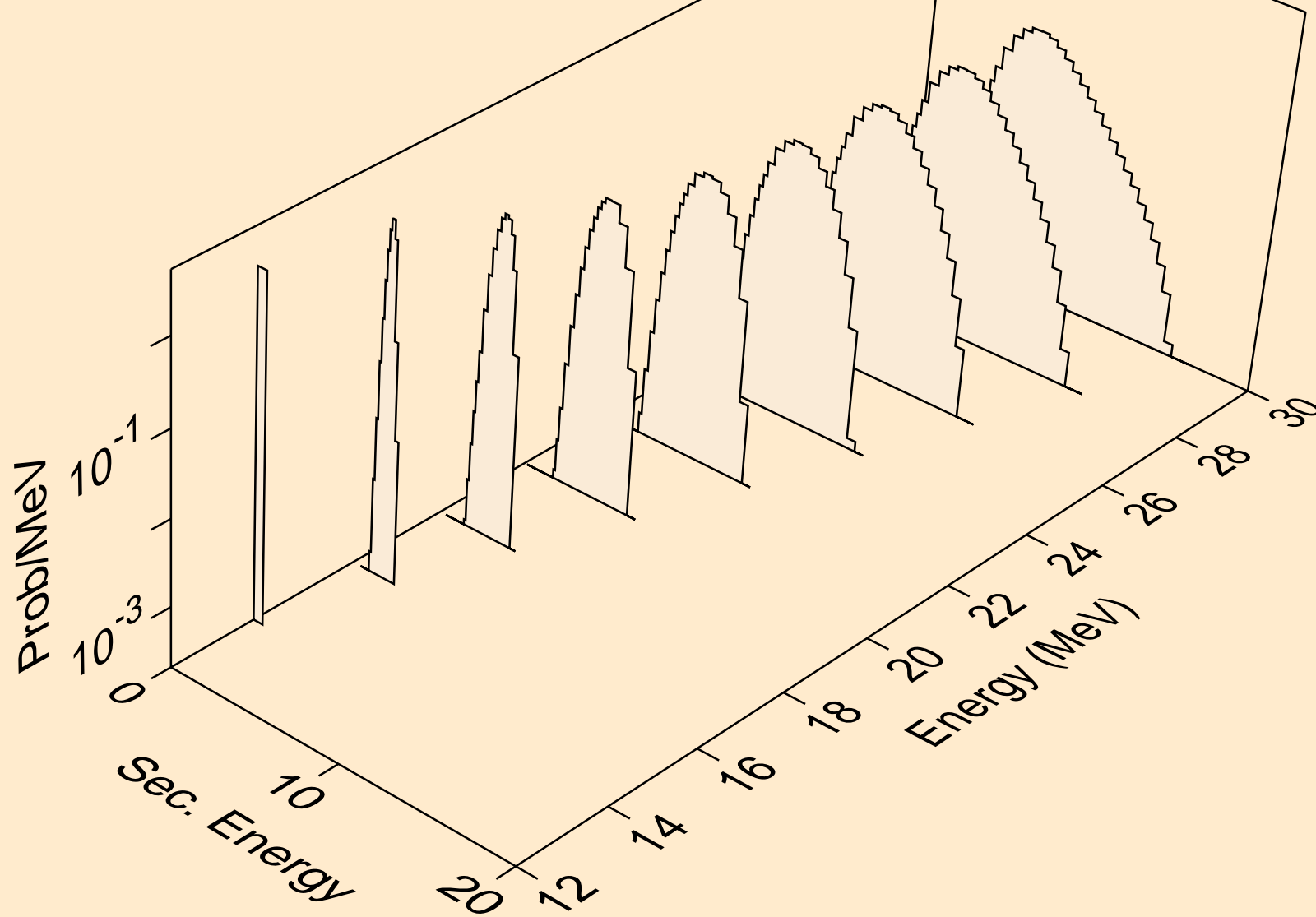
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



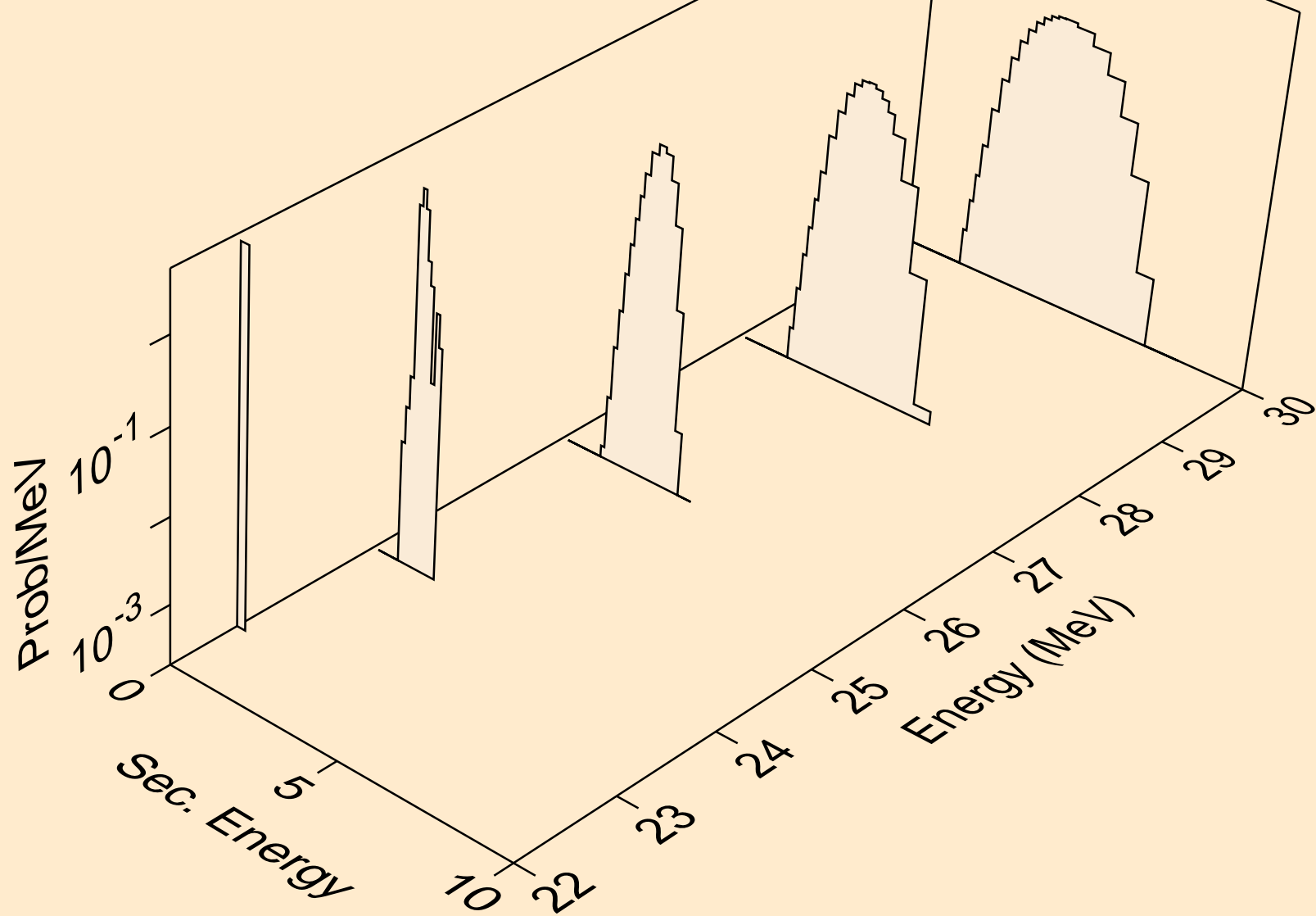
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



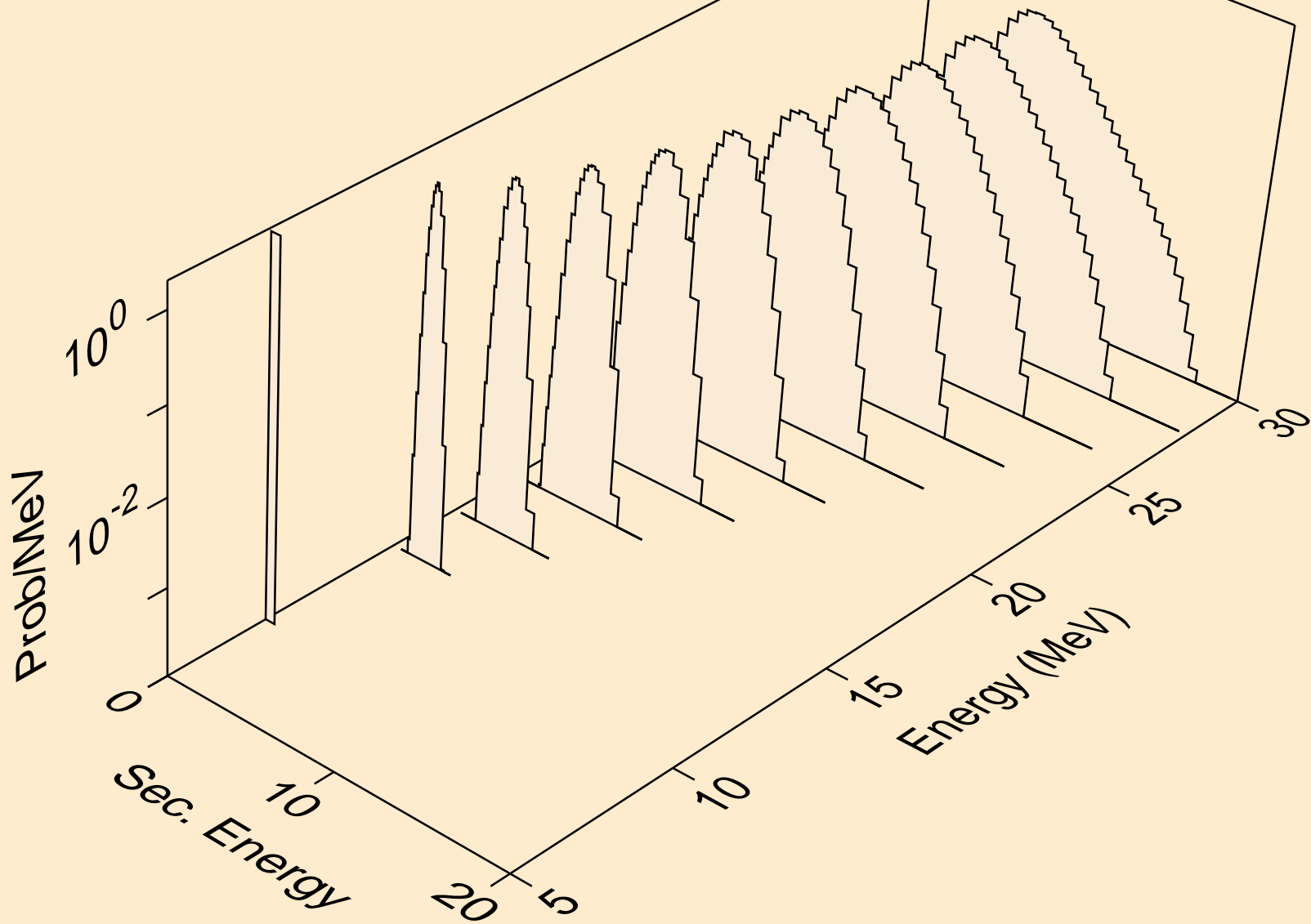
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



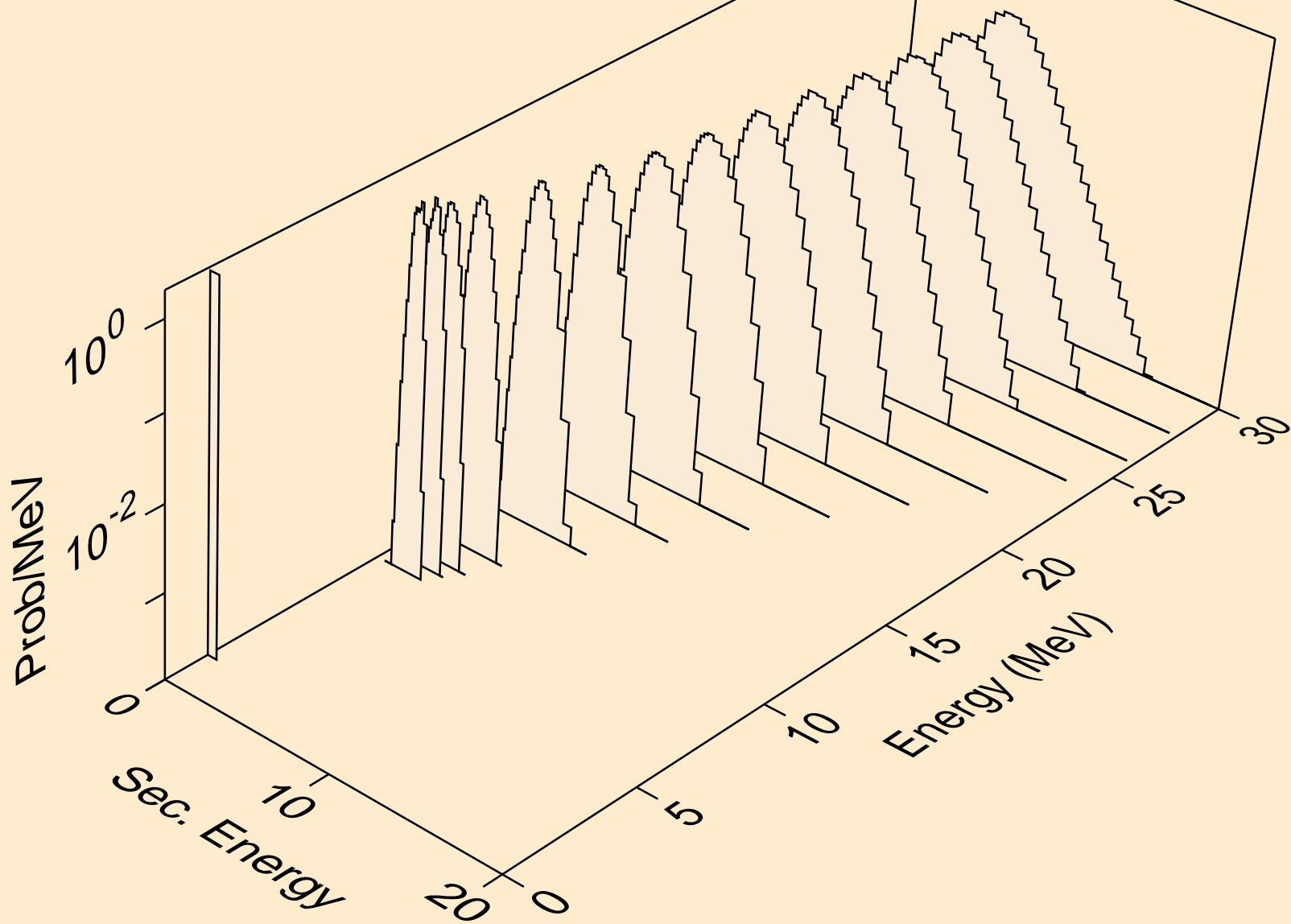
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

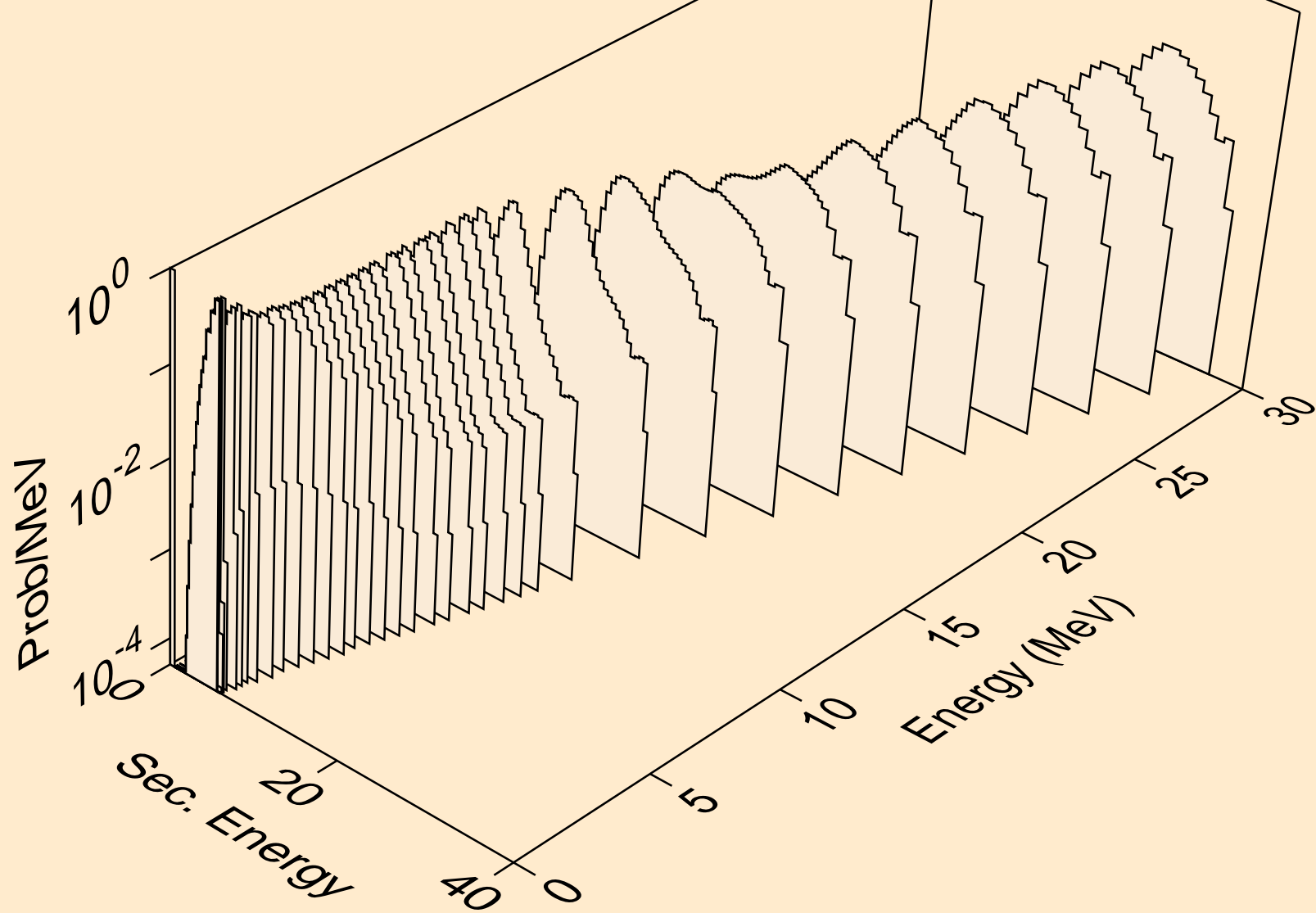


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)

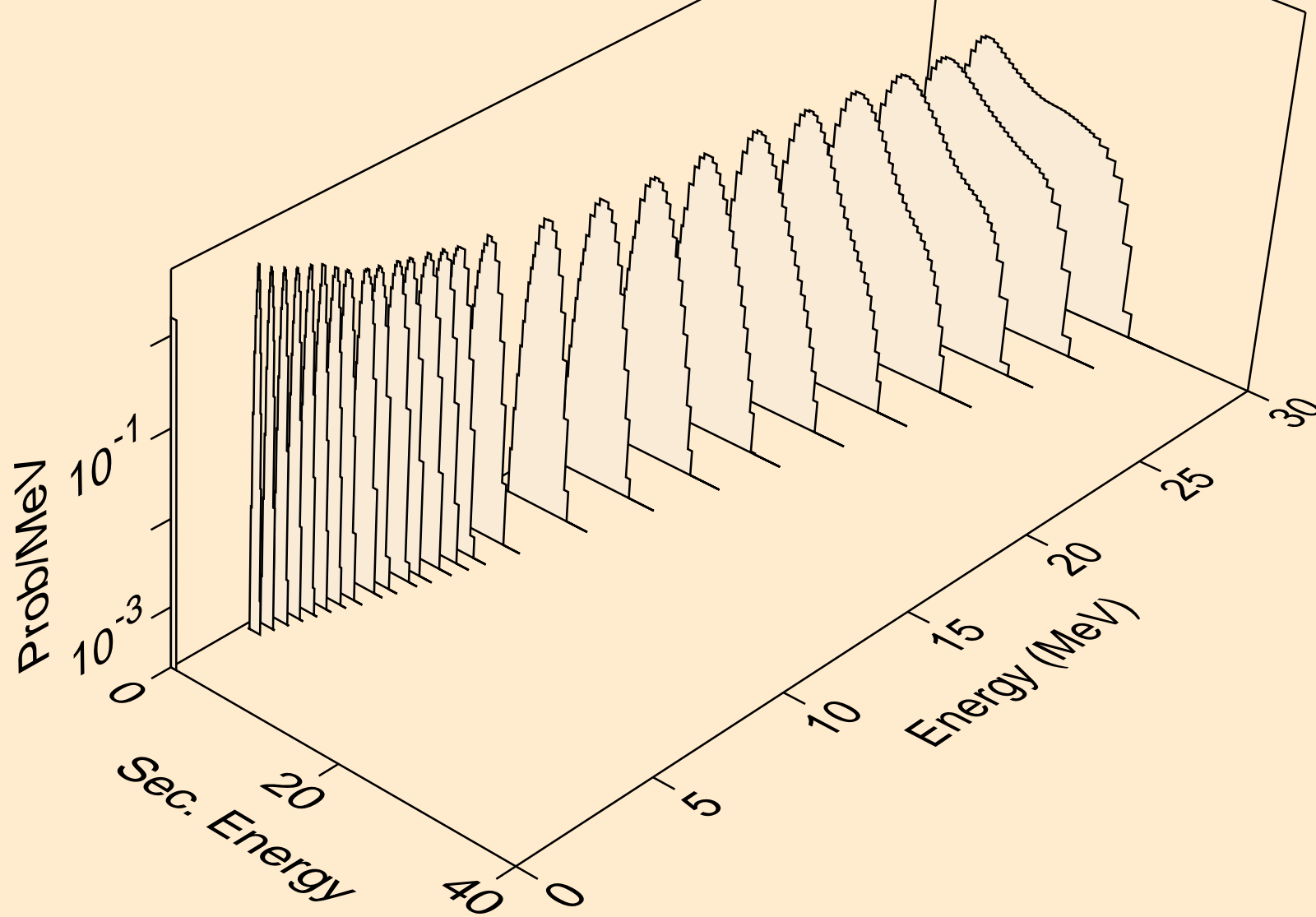




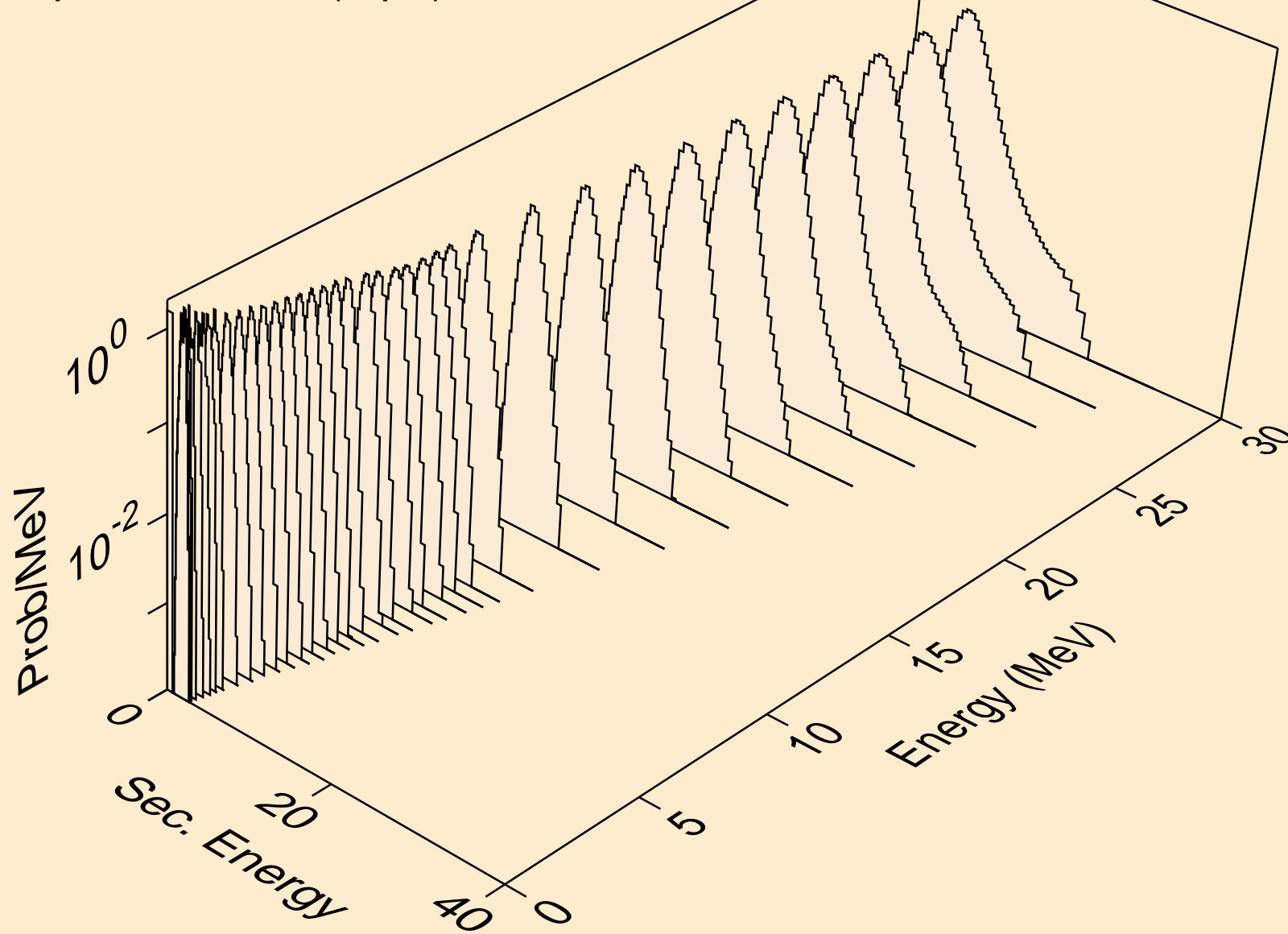
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



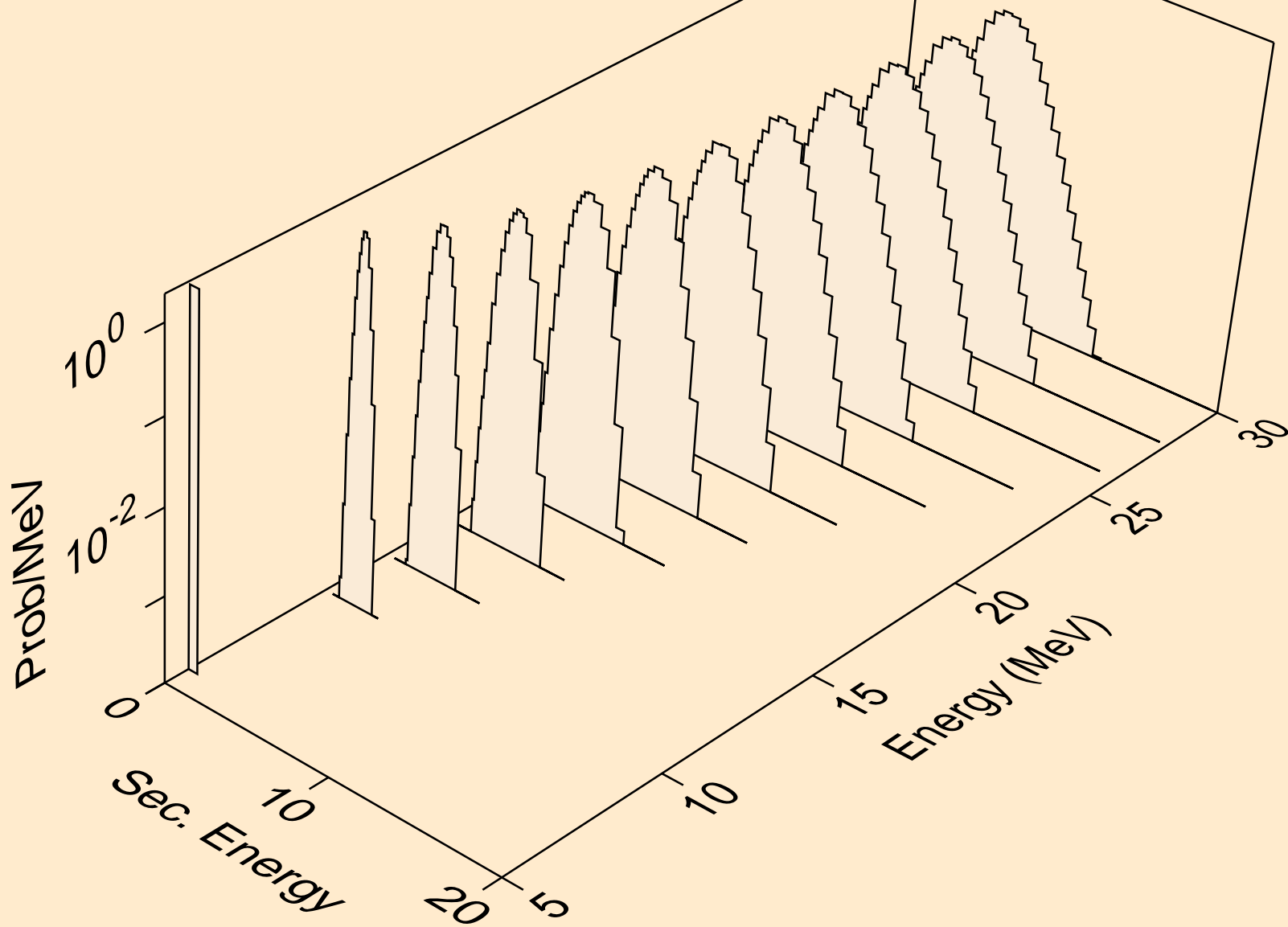
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



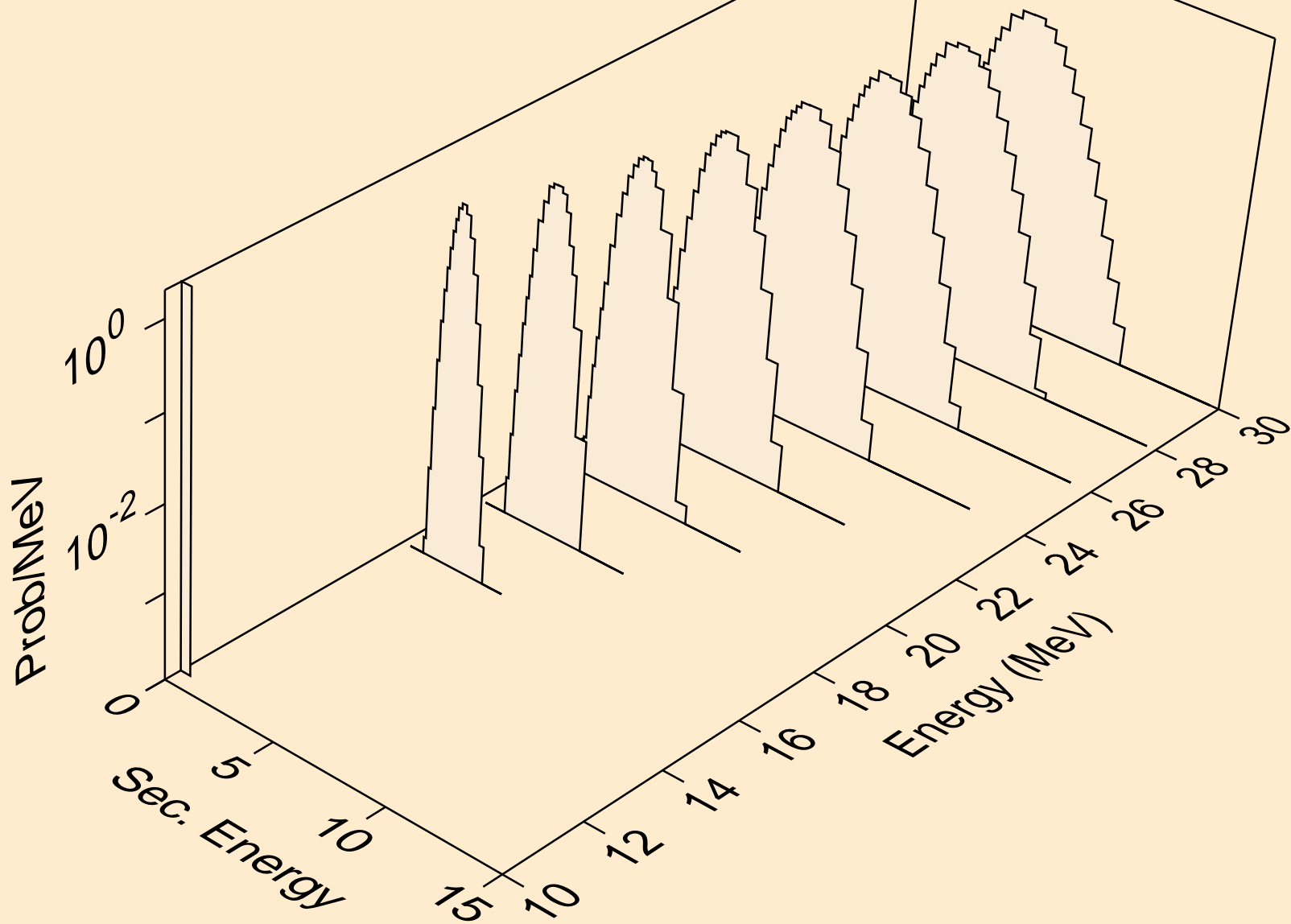
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



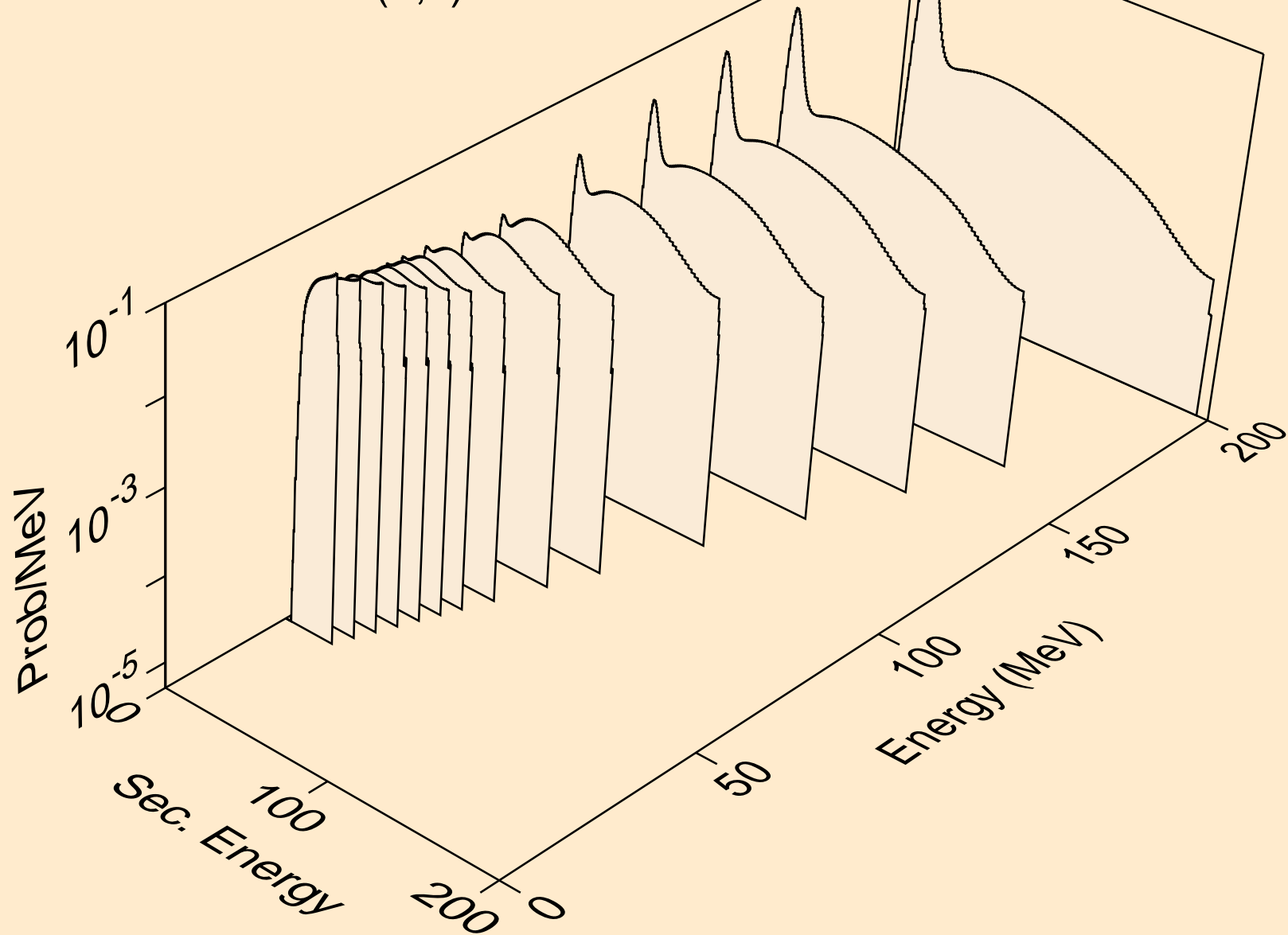
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



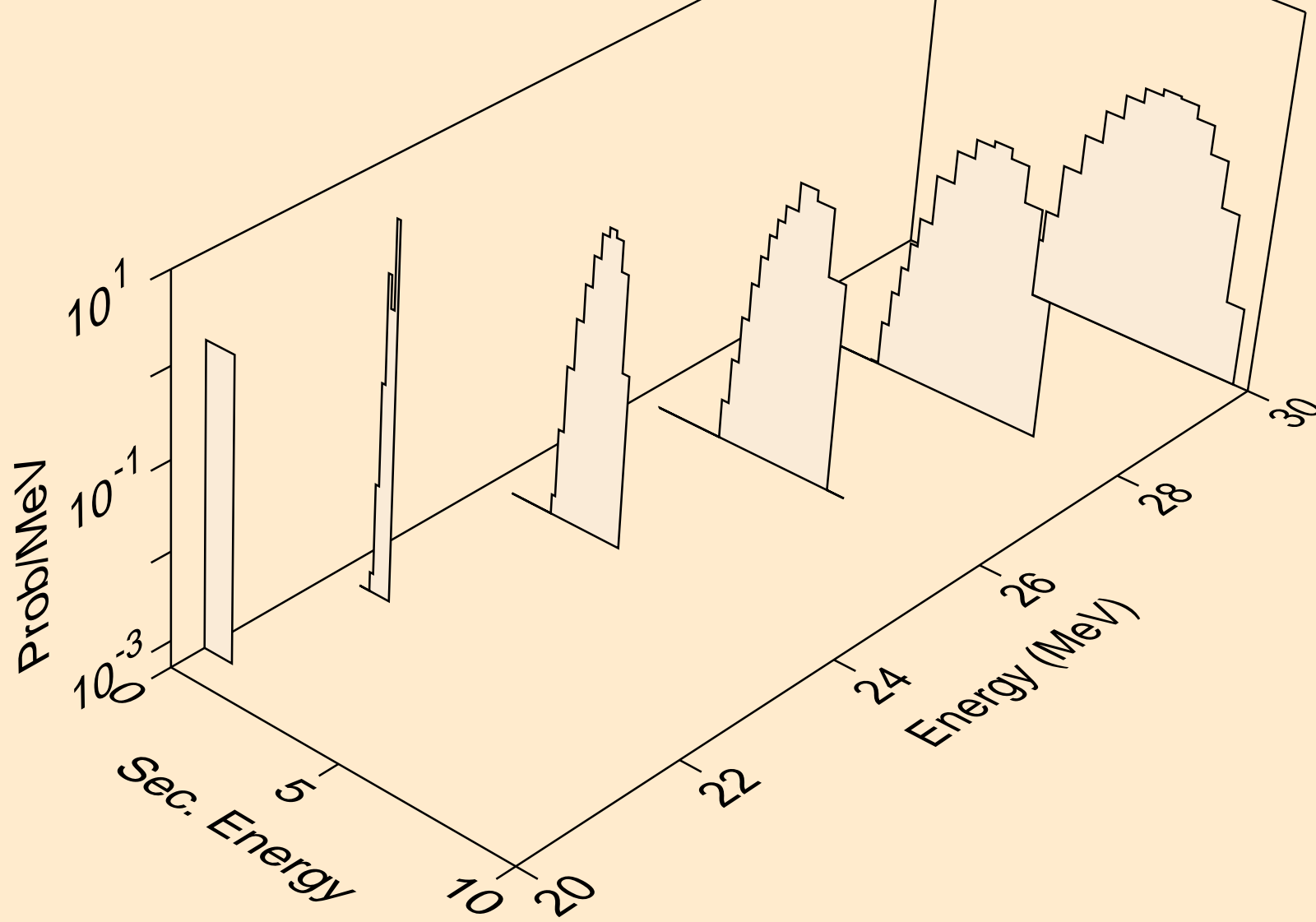
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)



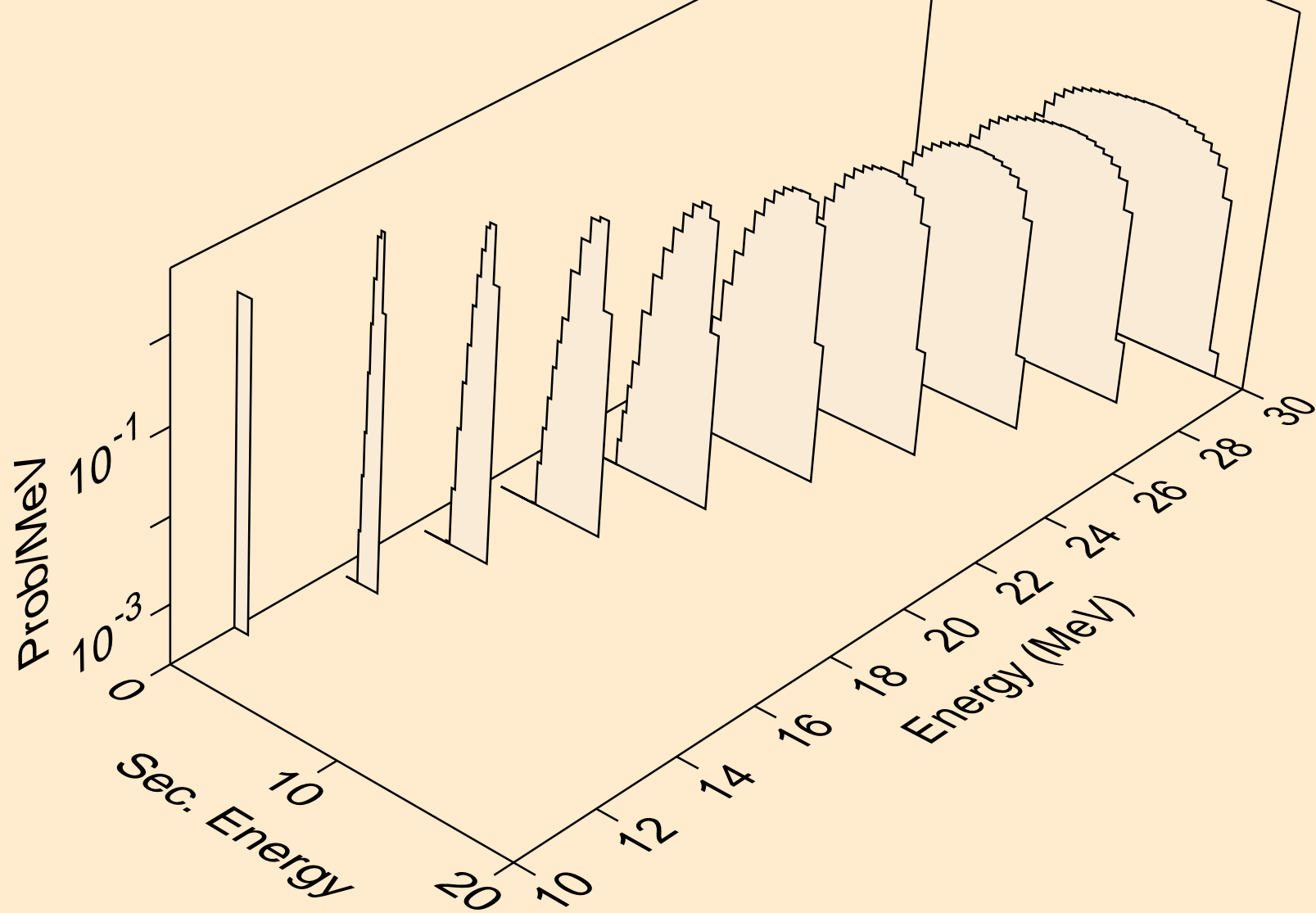
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

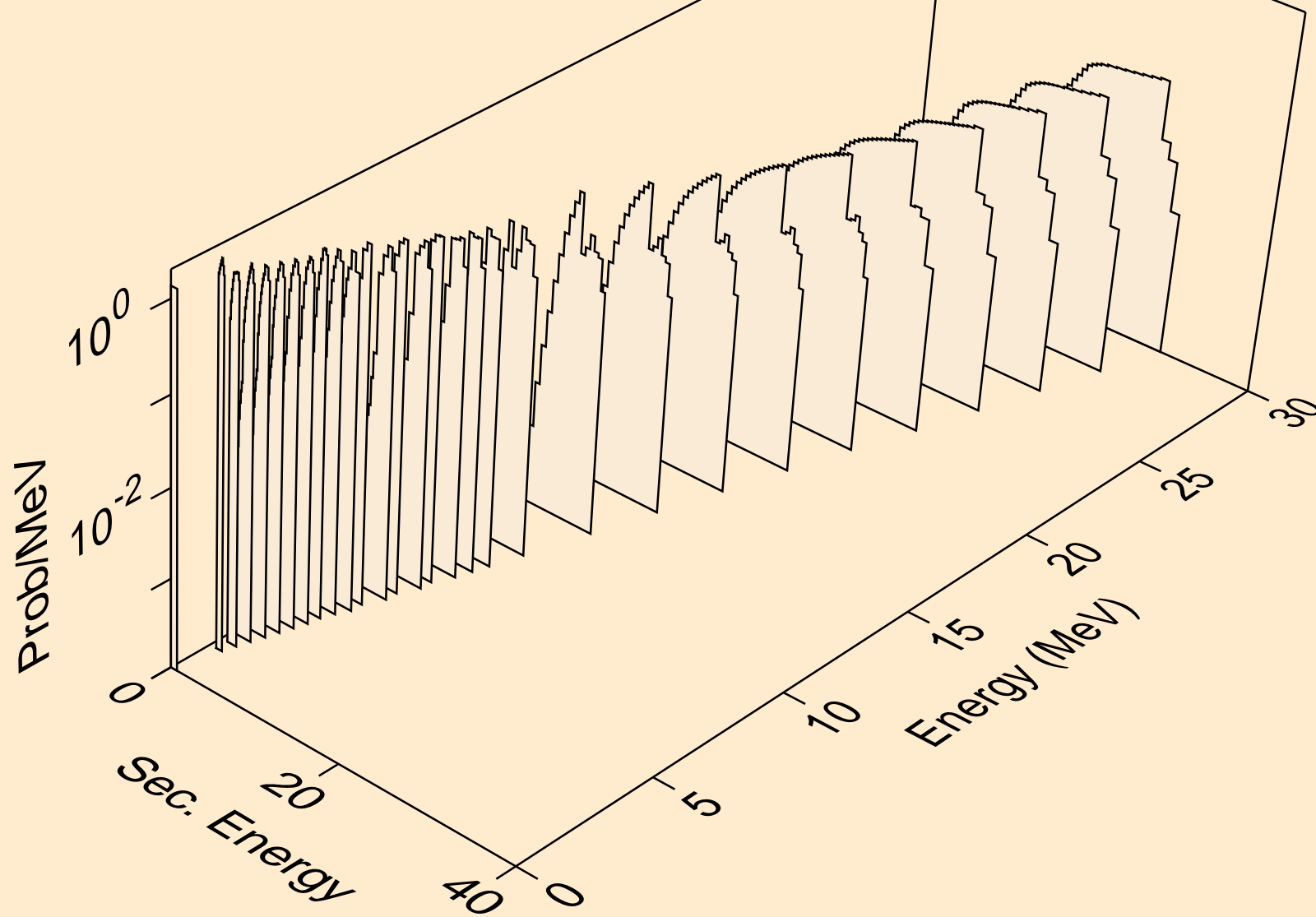


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

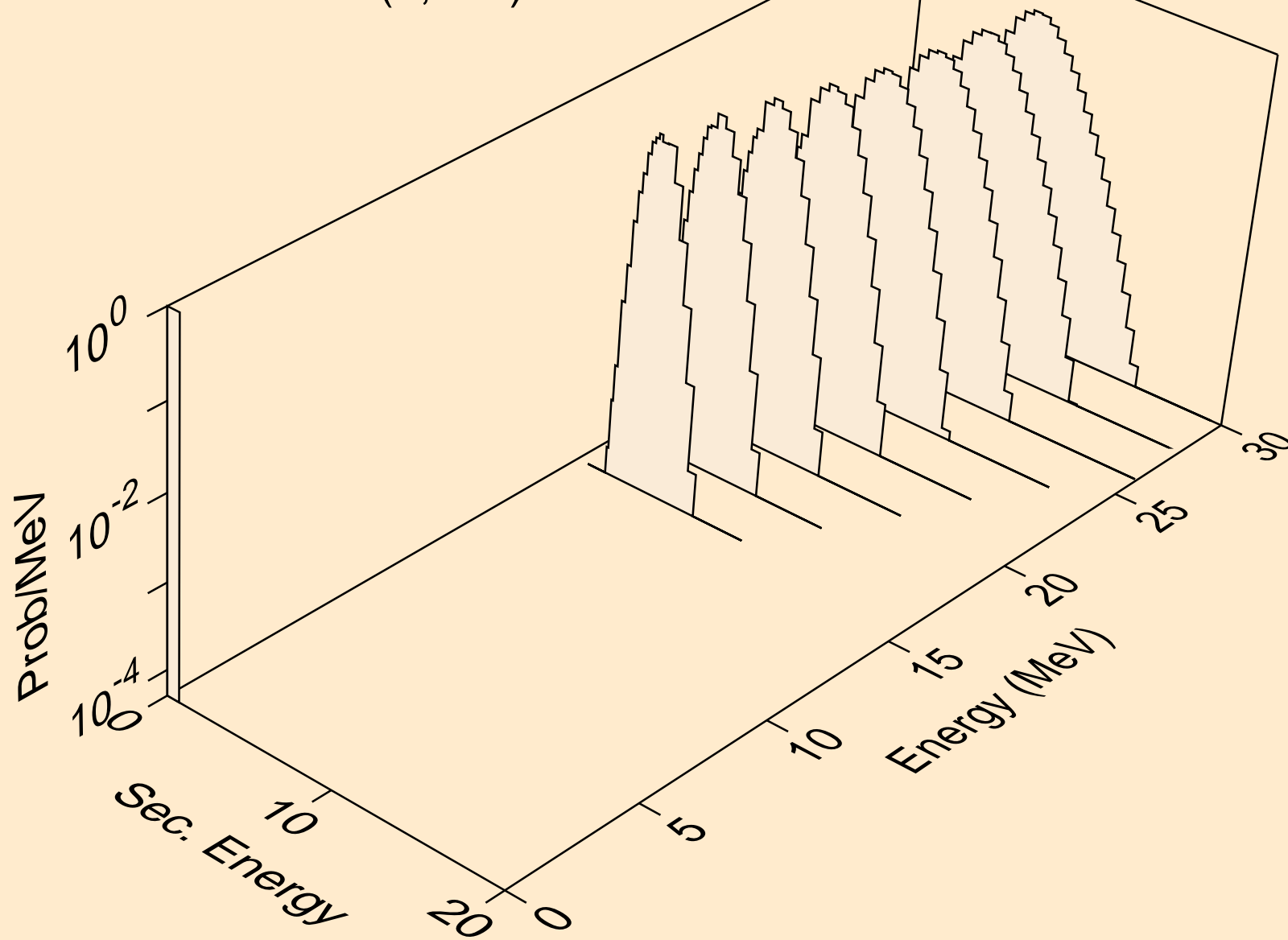




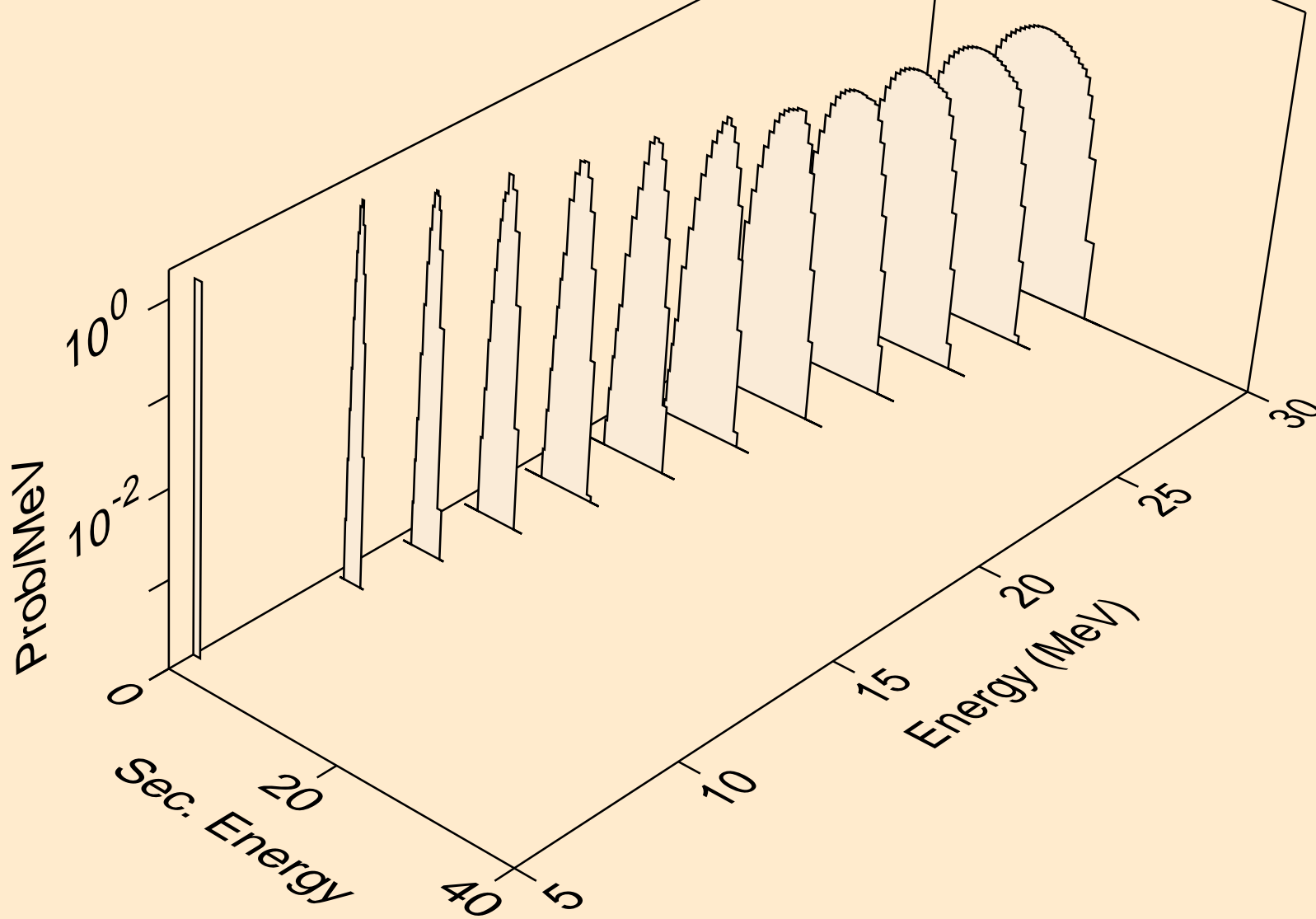
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



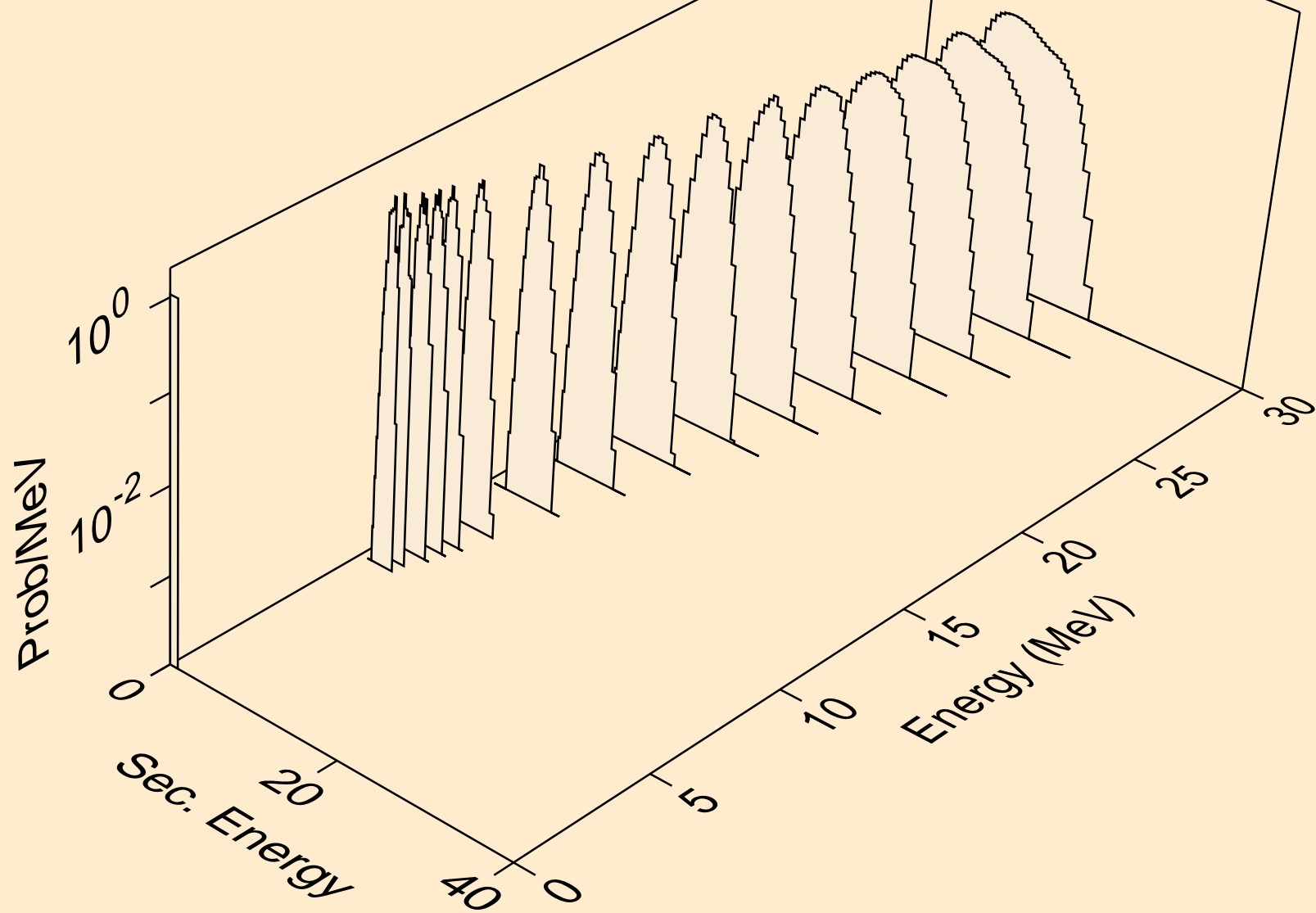
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d2a)



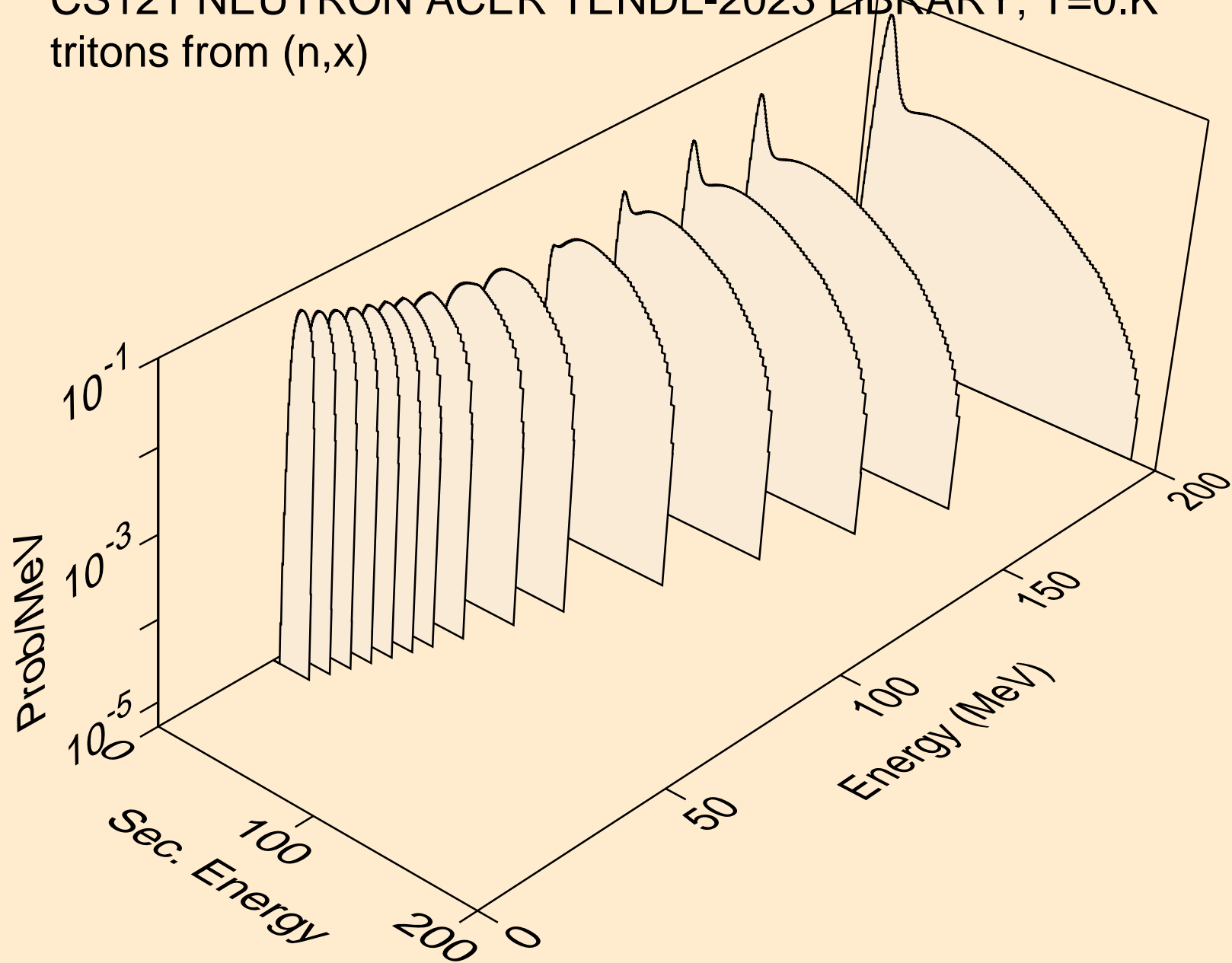
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



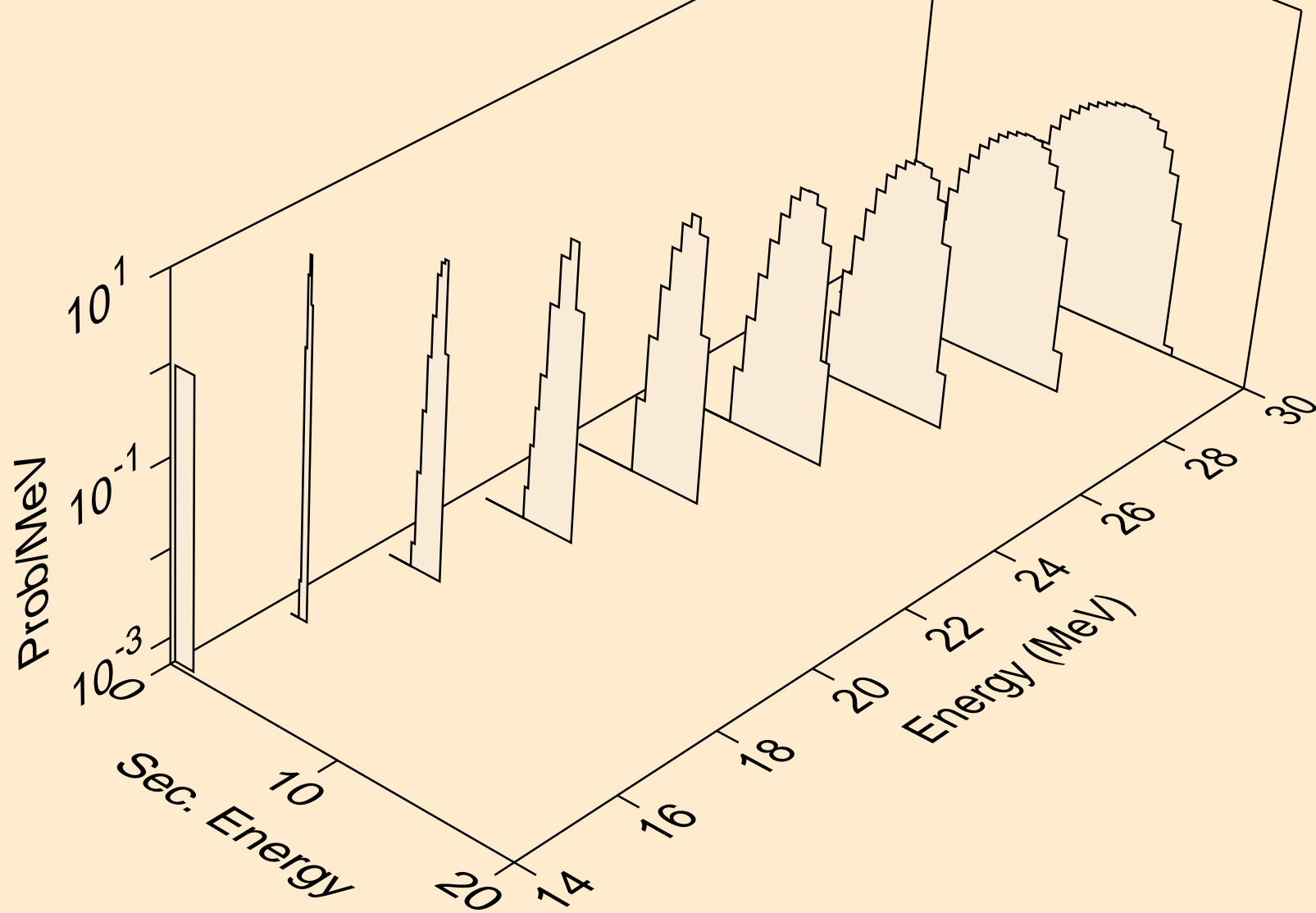
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



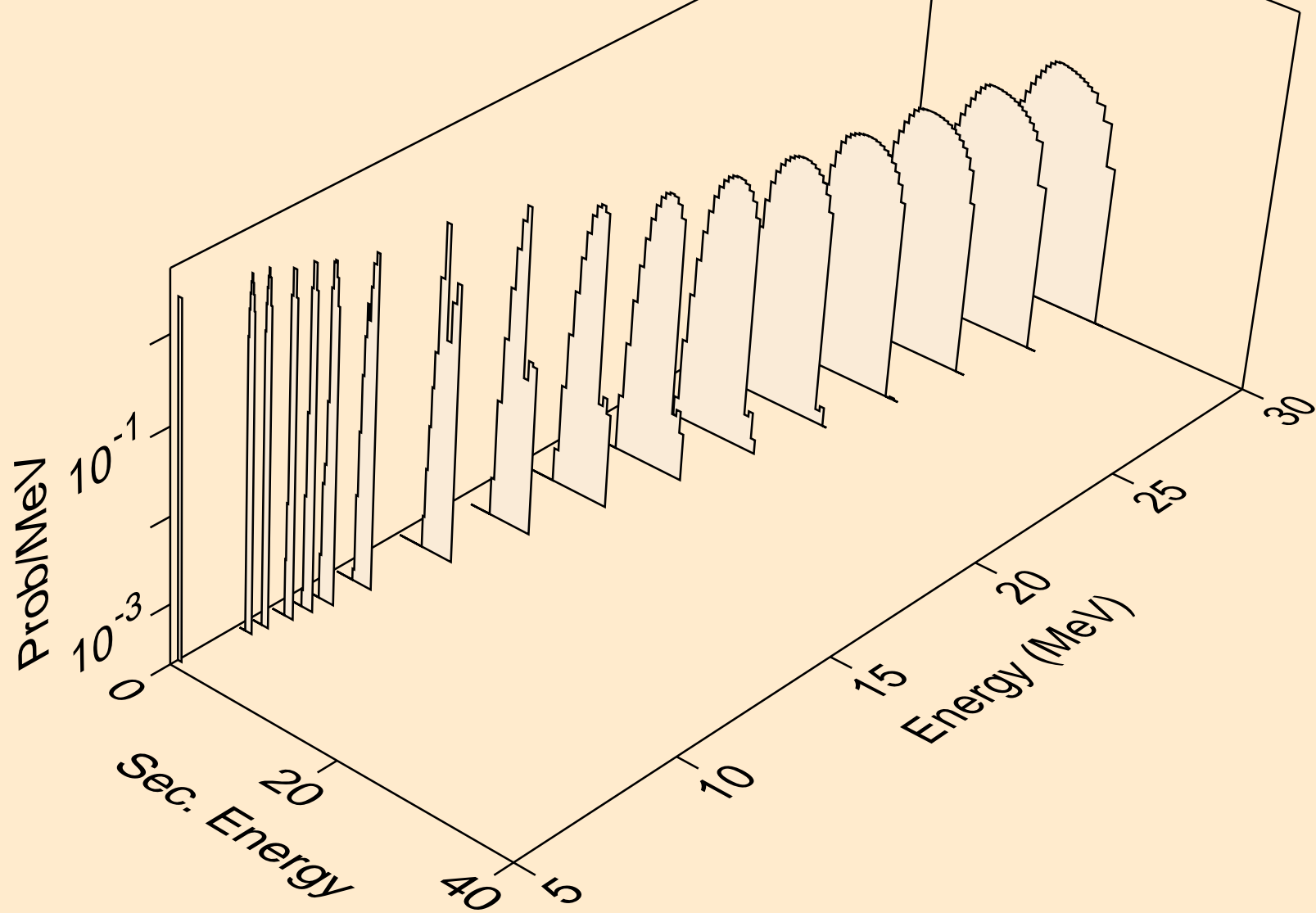
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



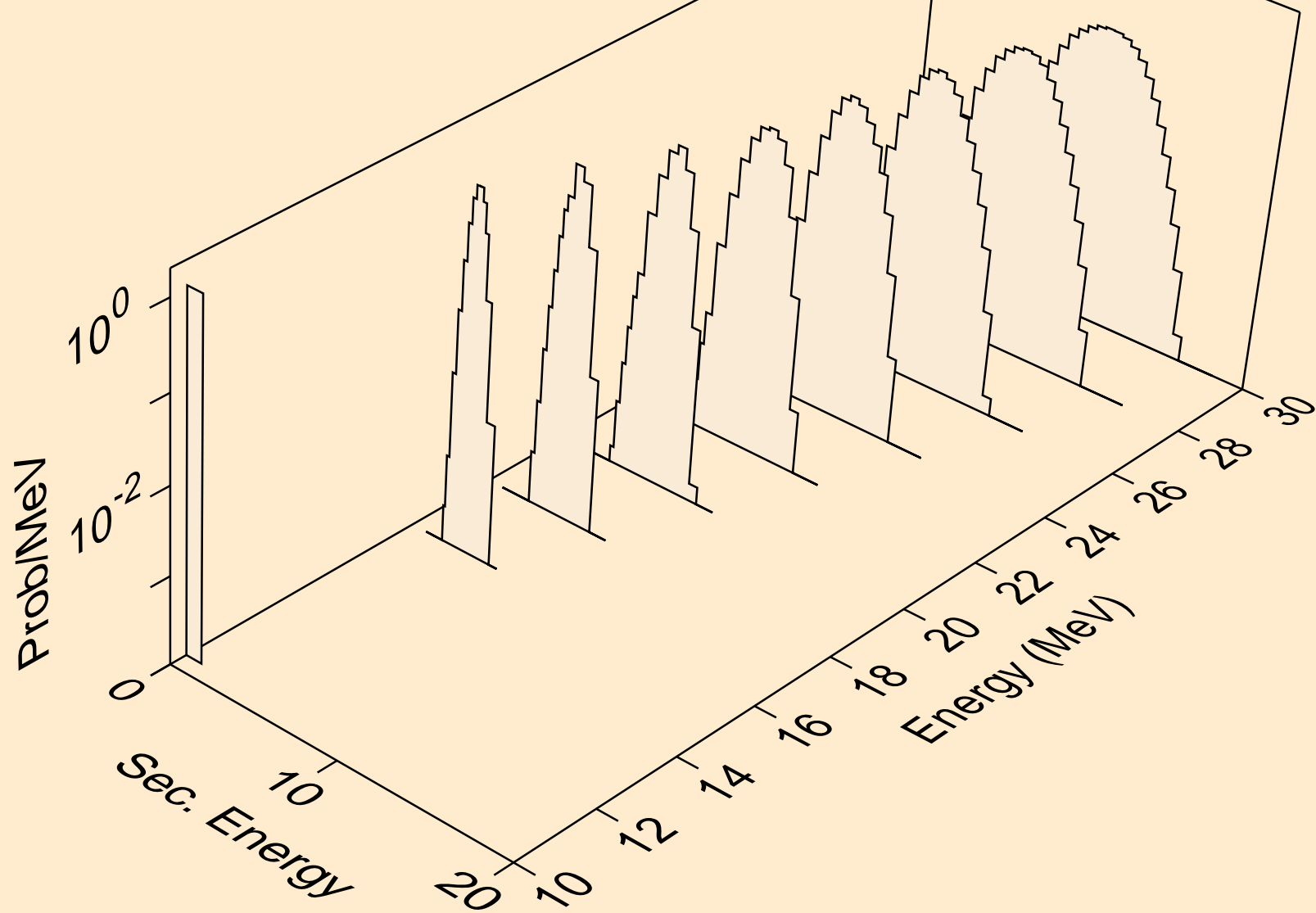
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

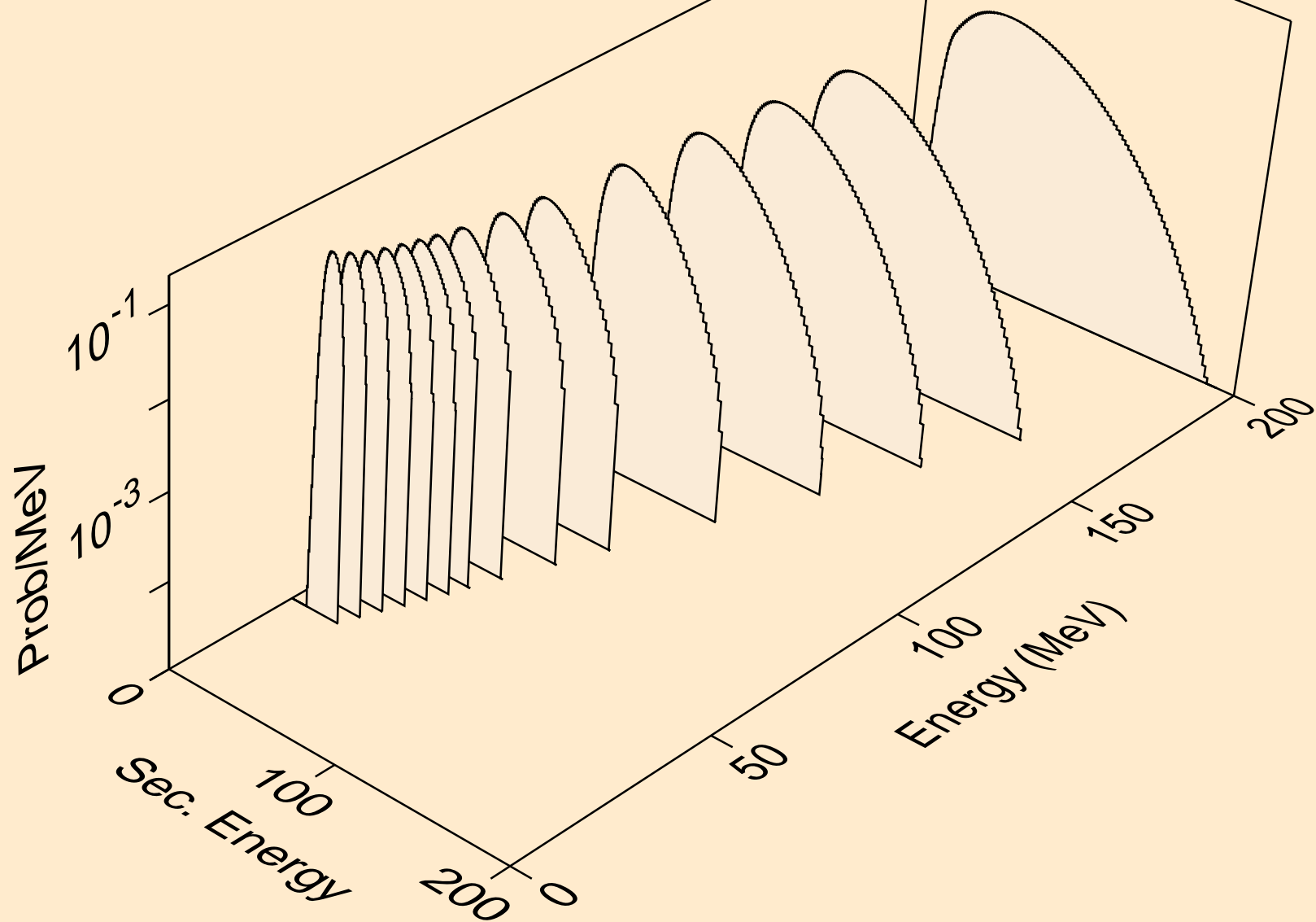


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

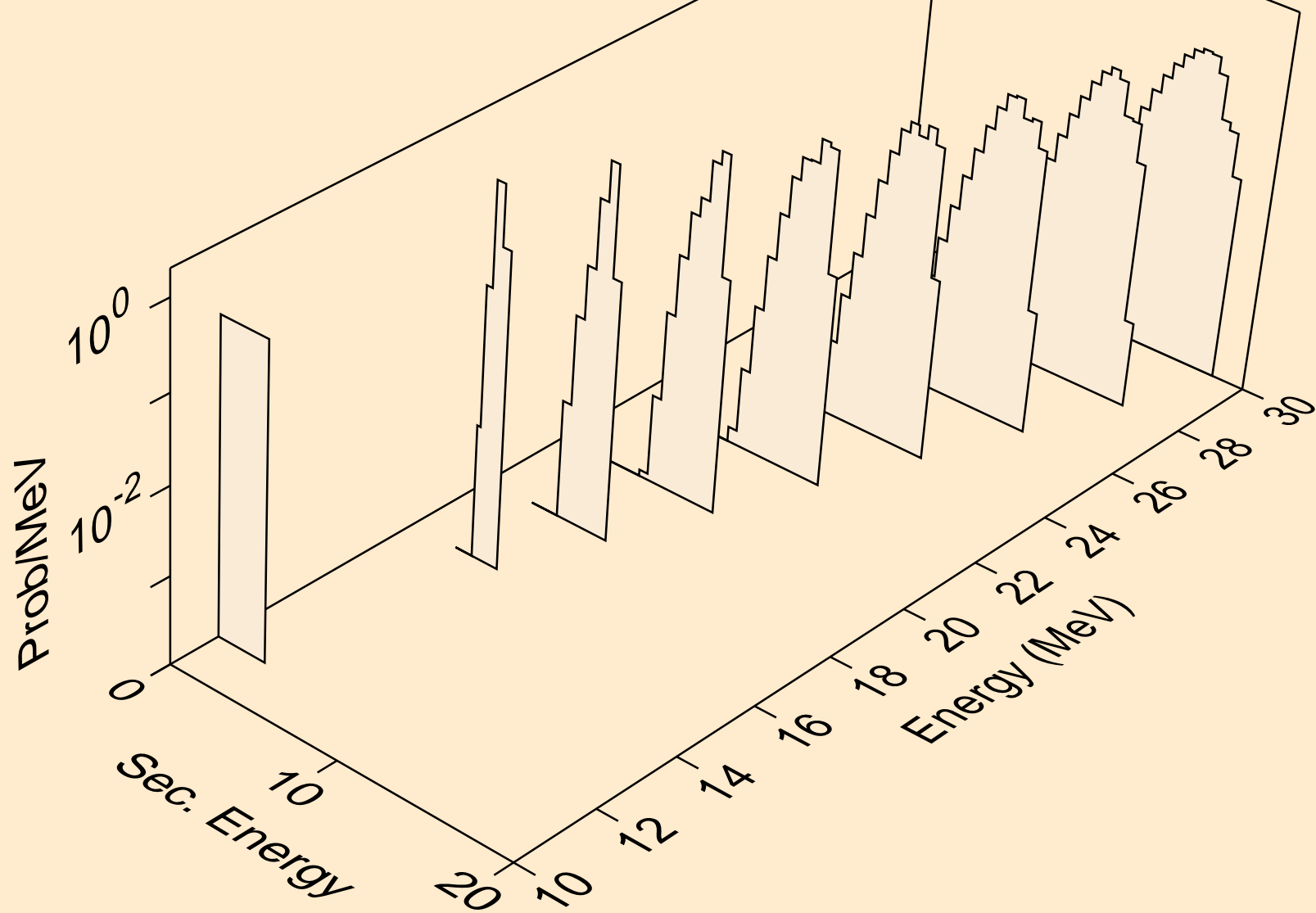




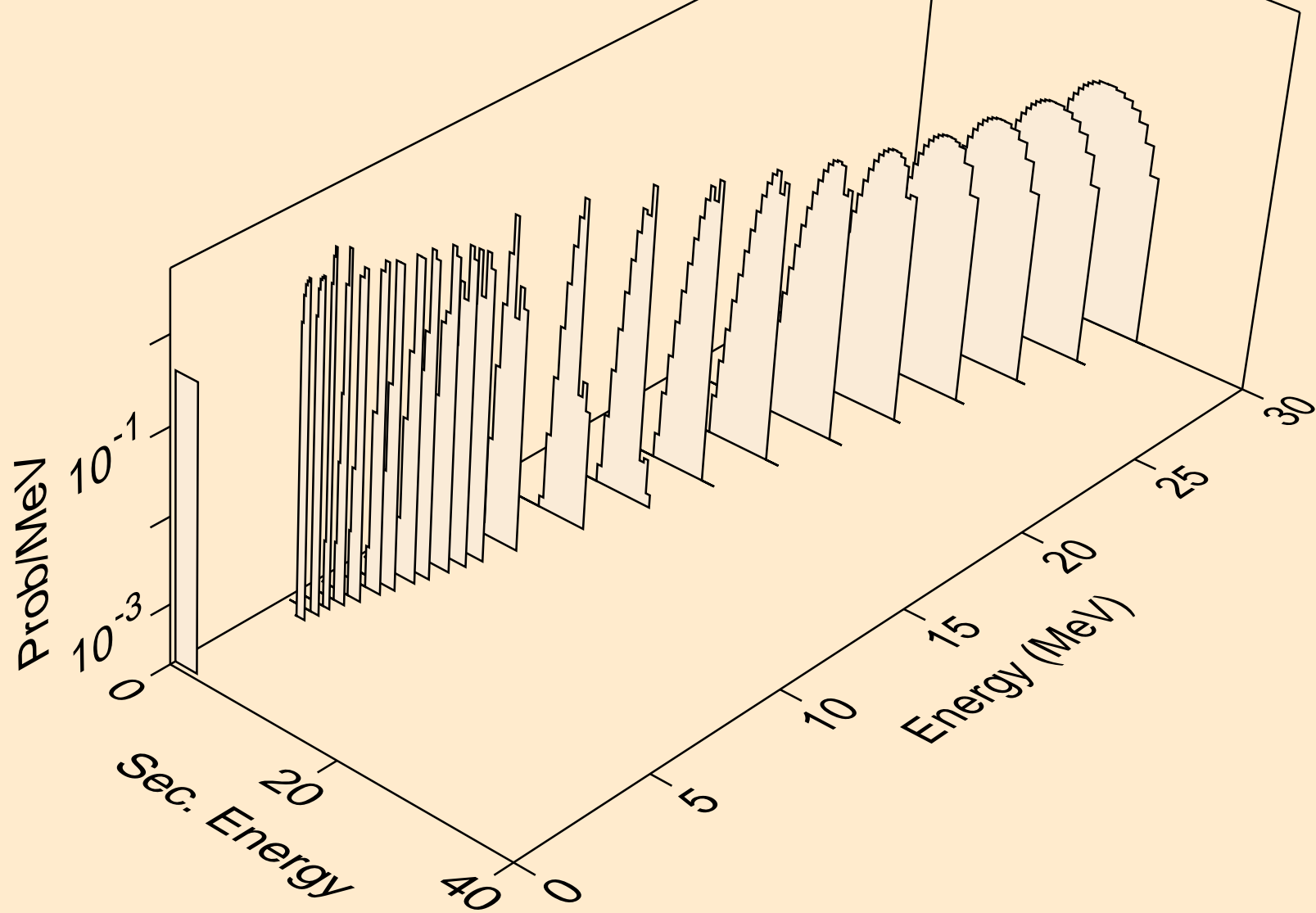
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



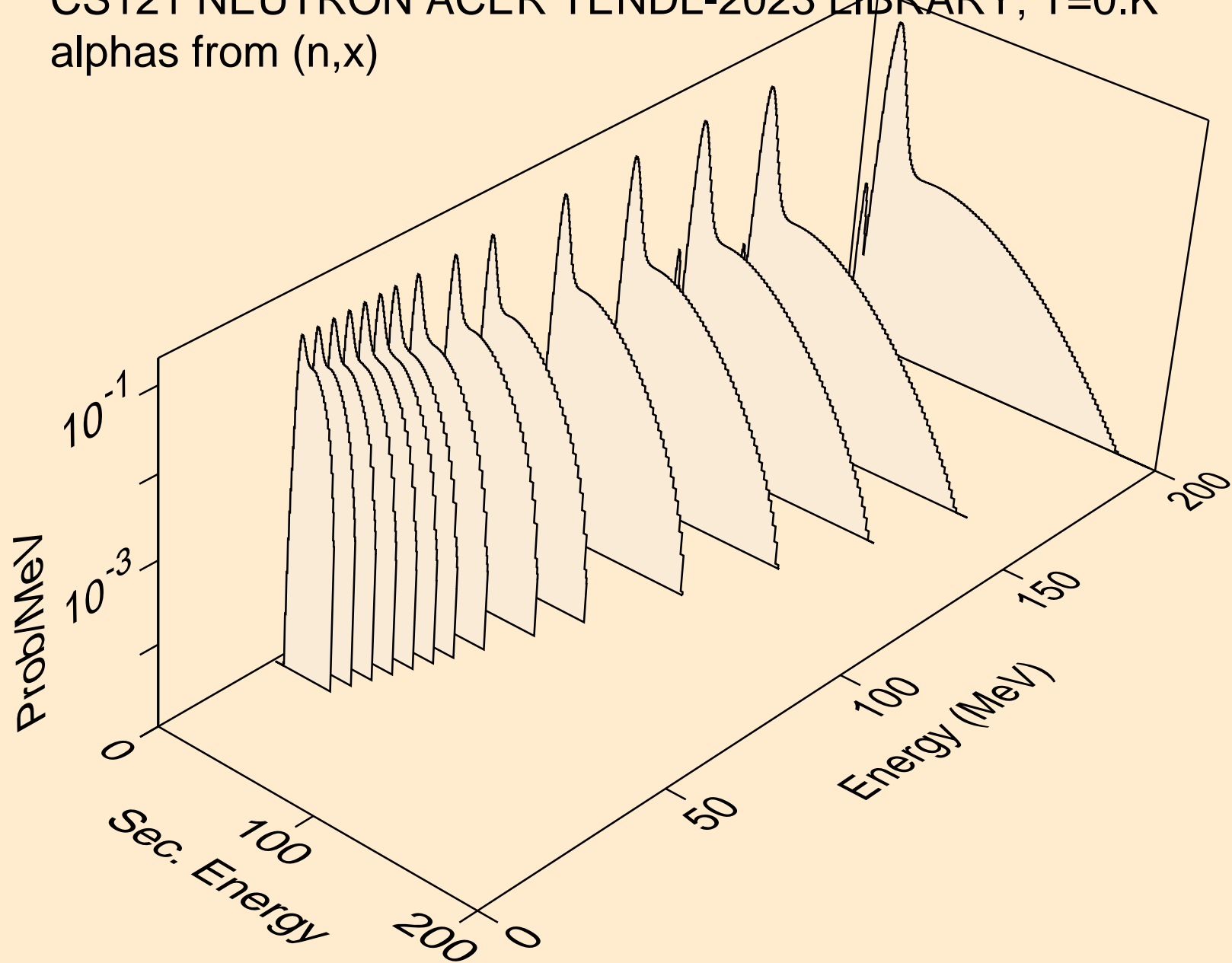
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



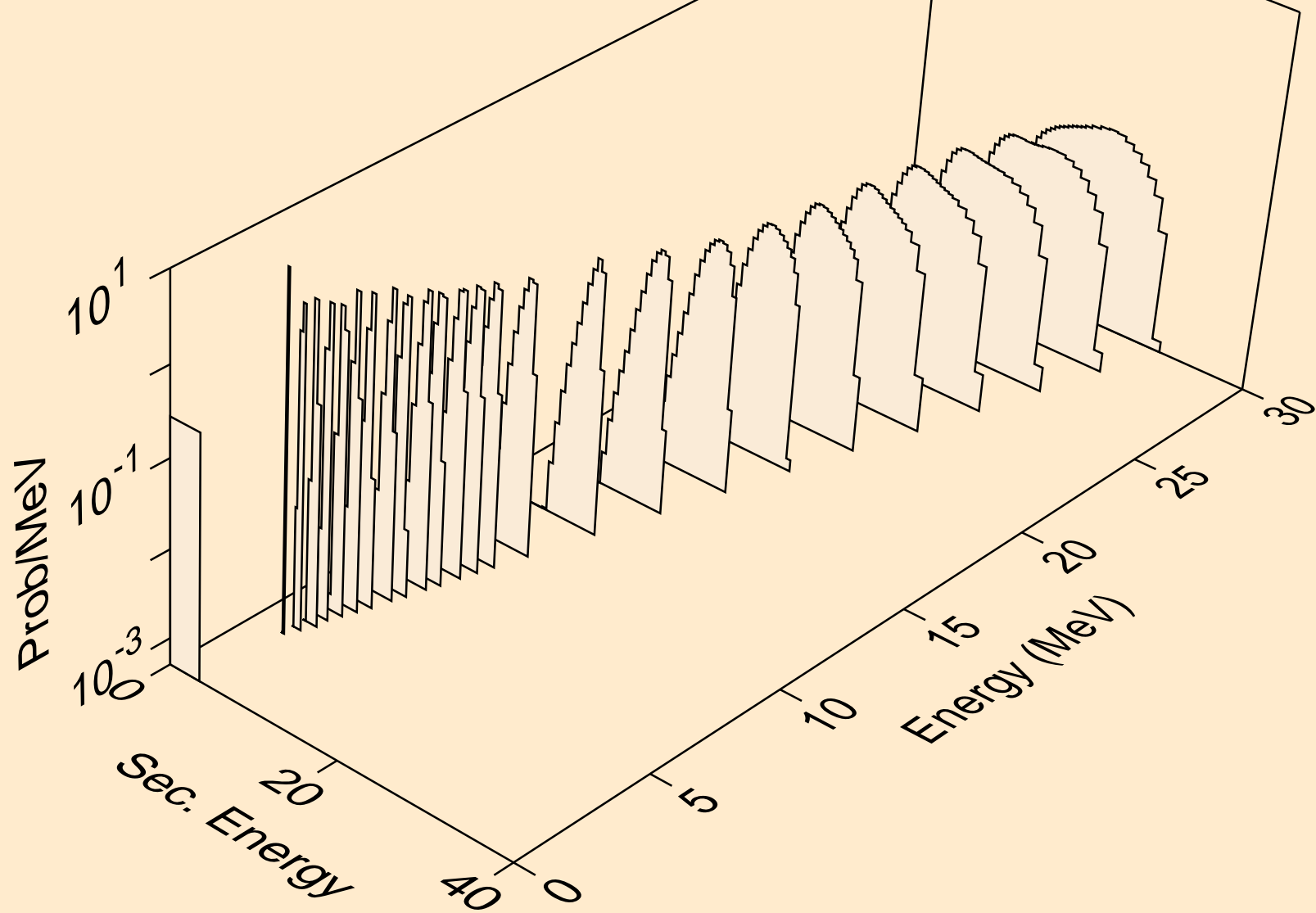
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



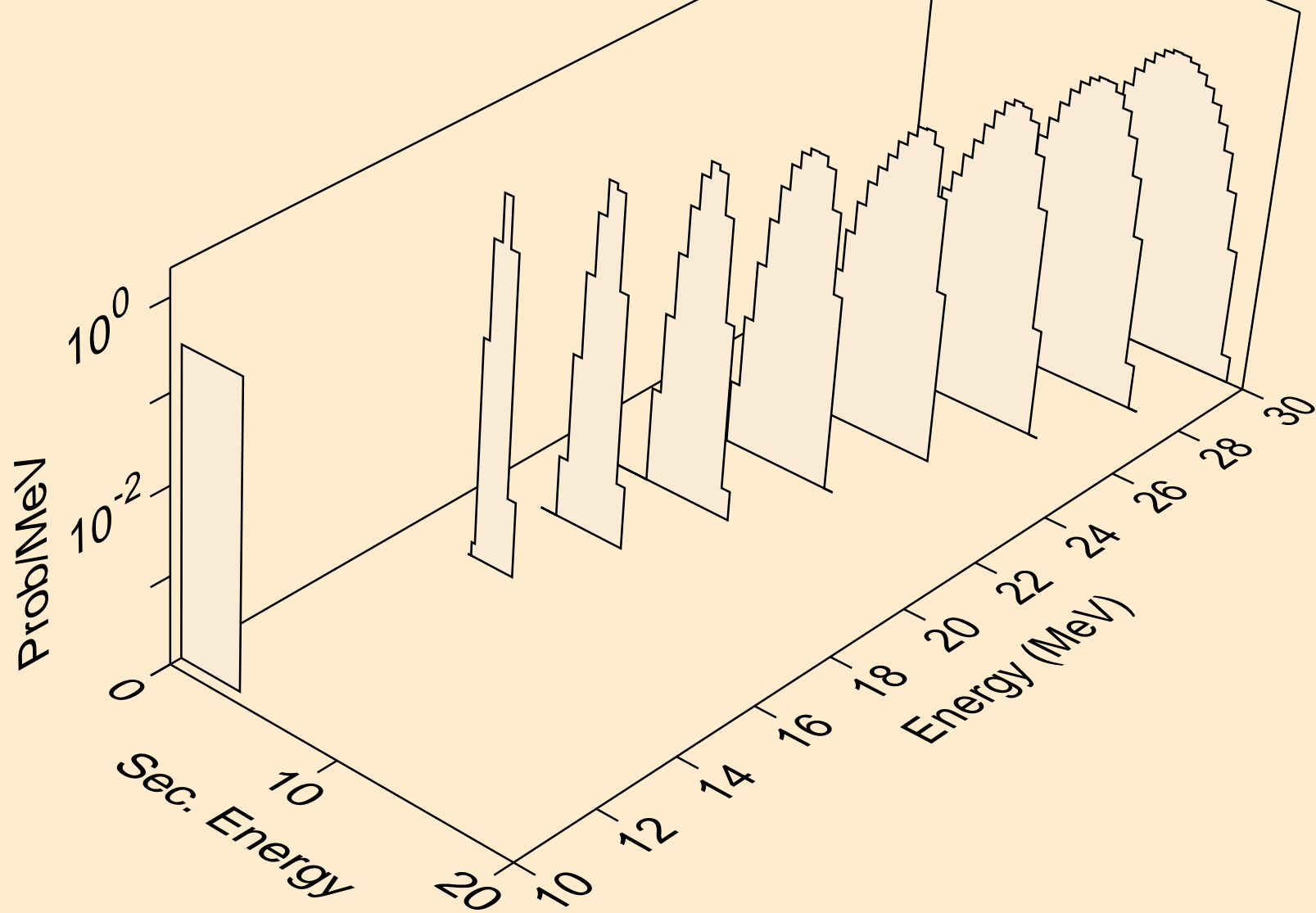
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



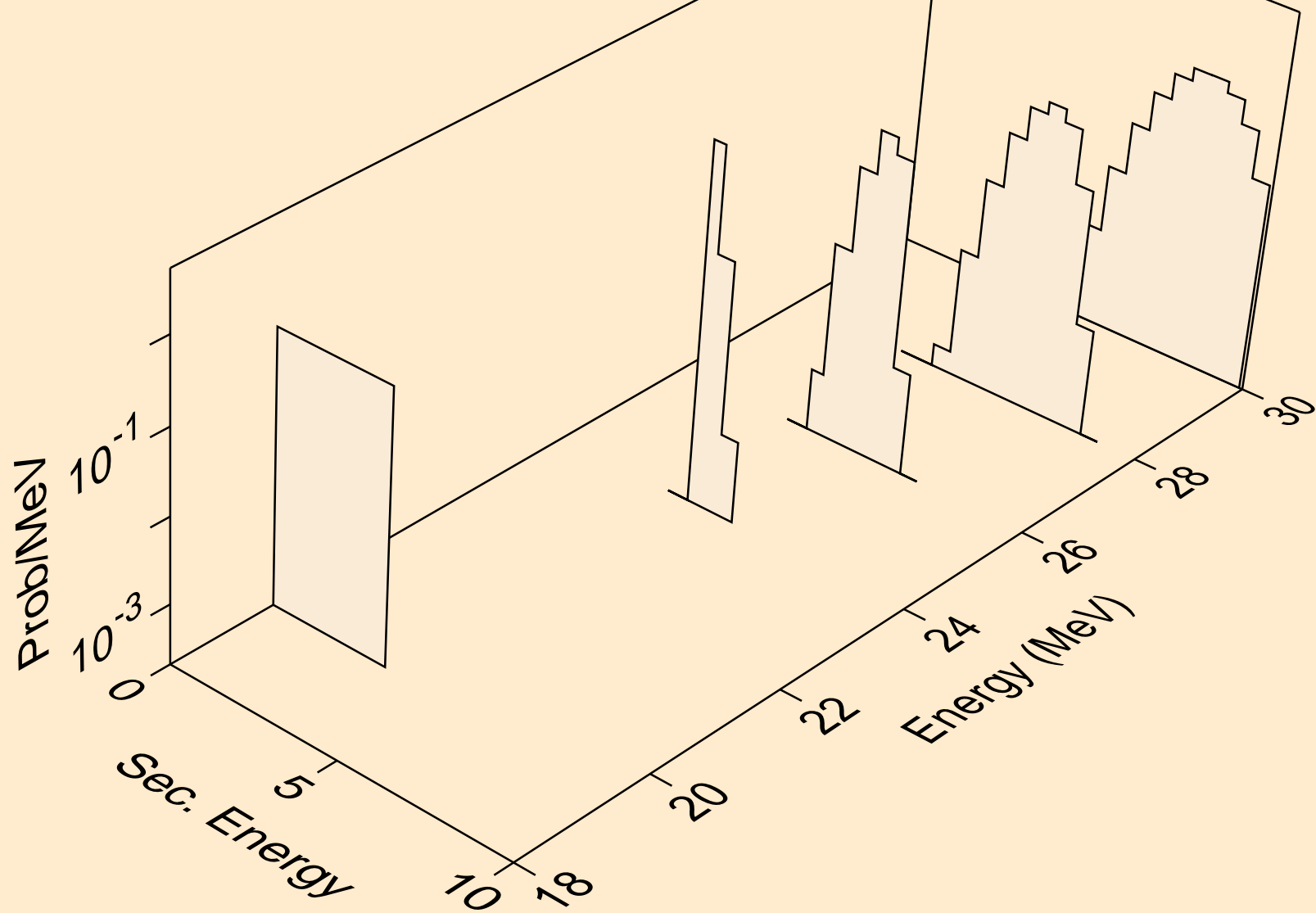
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



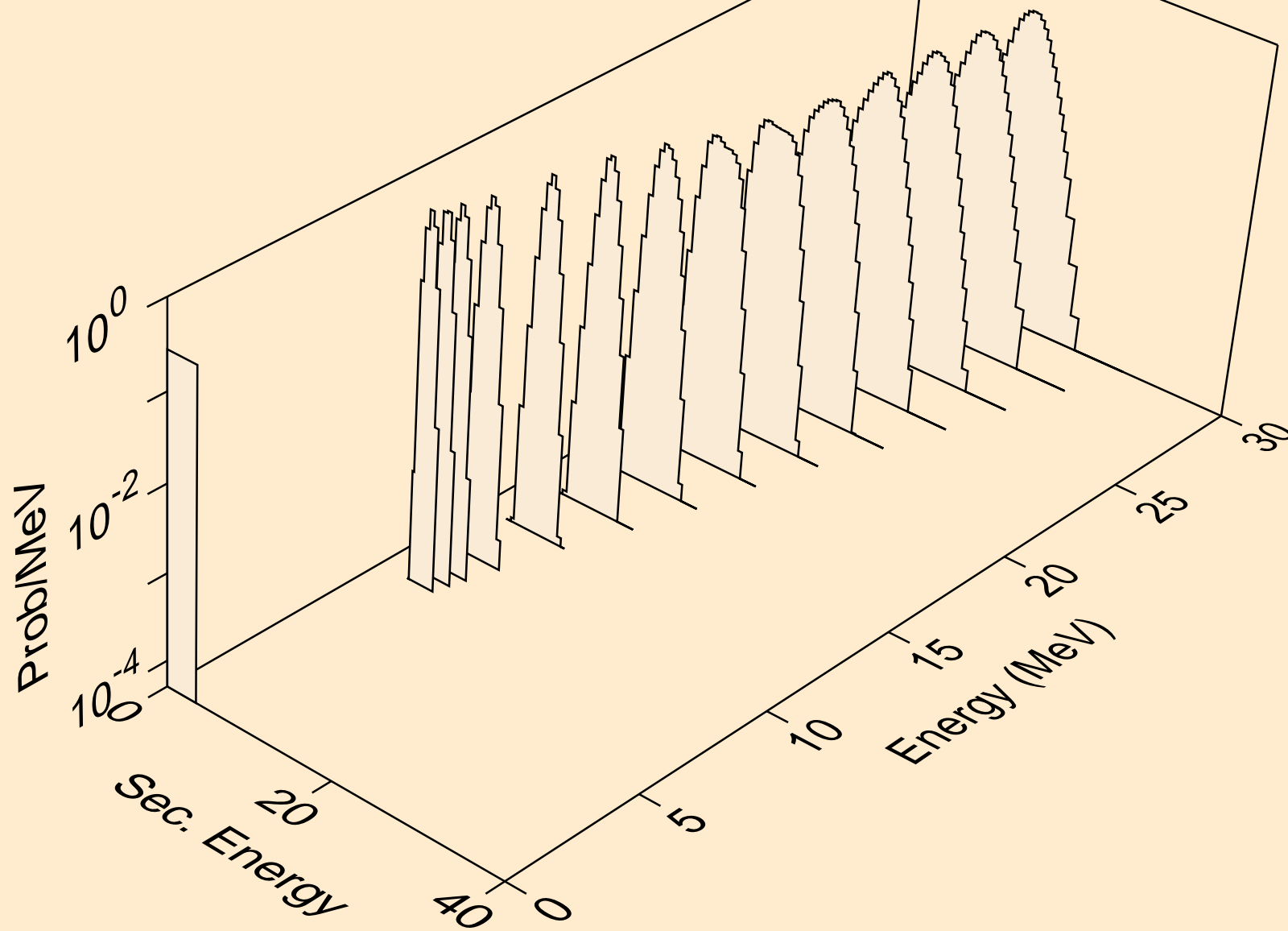
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a

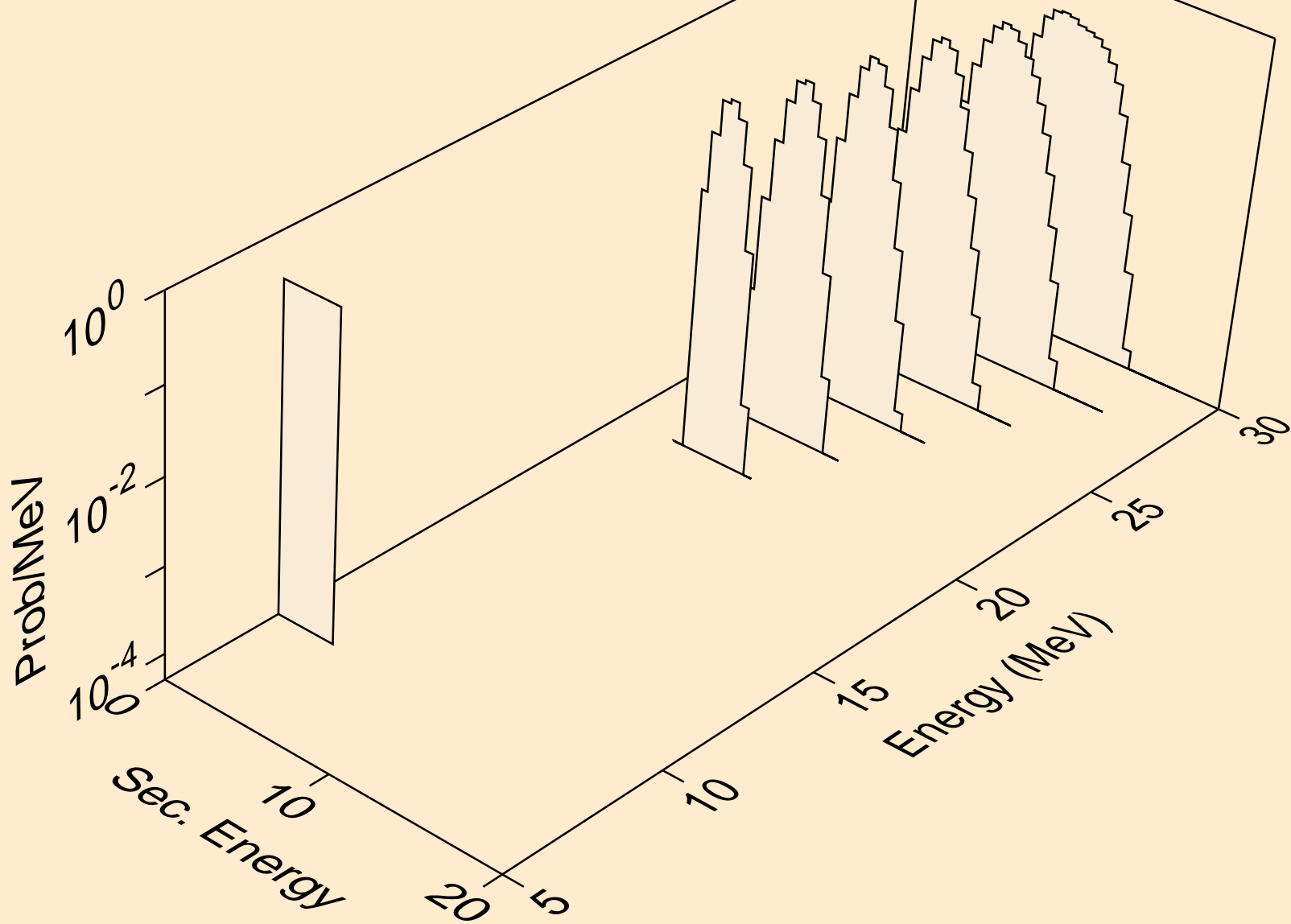


CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

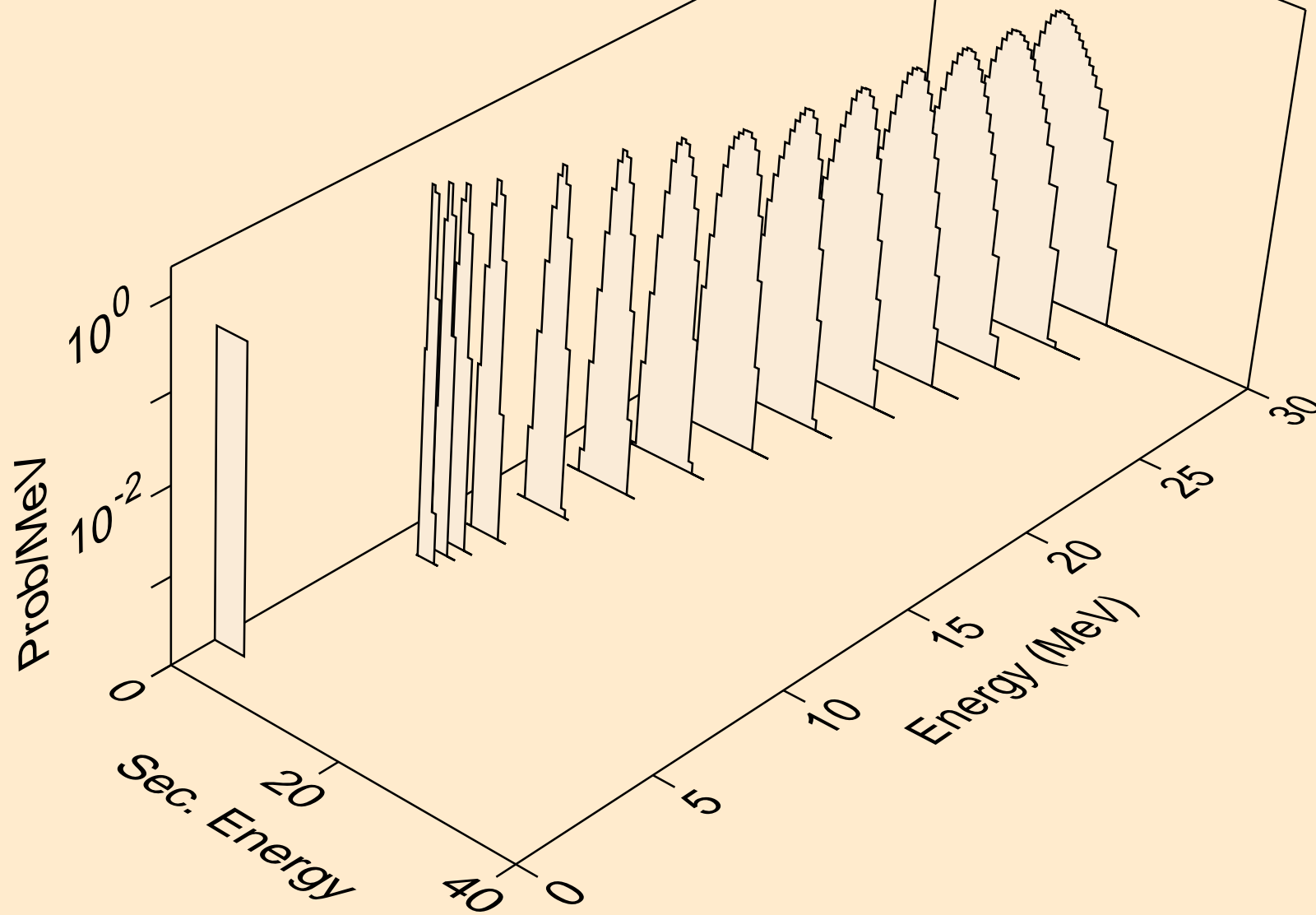




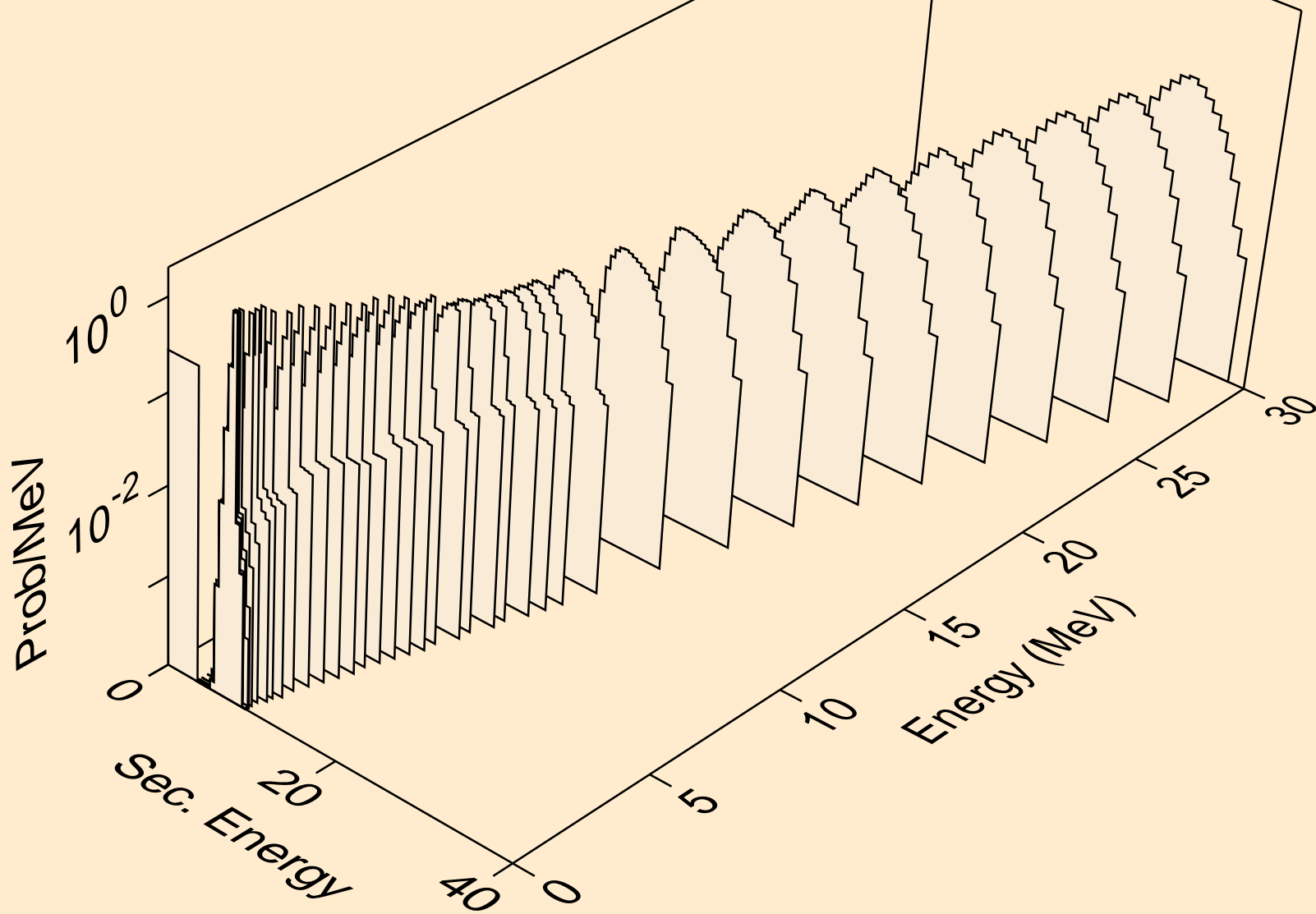
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)2a



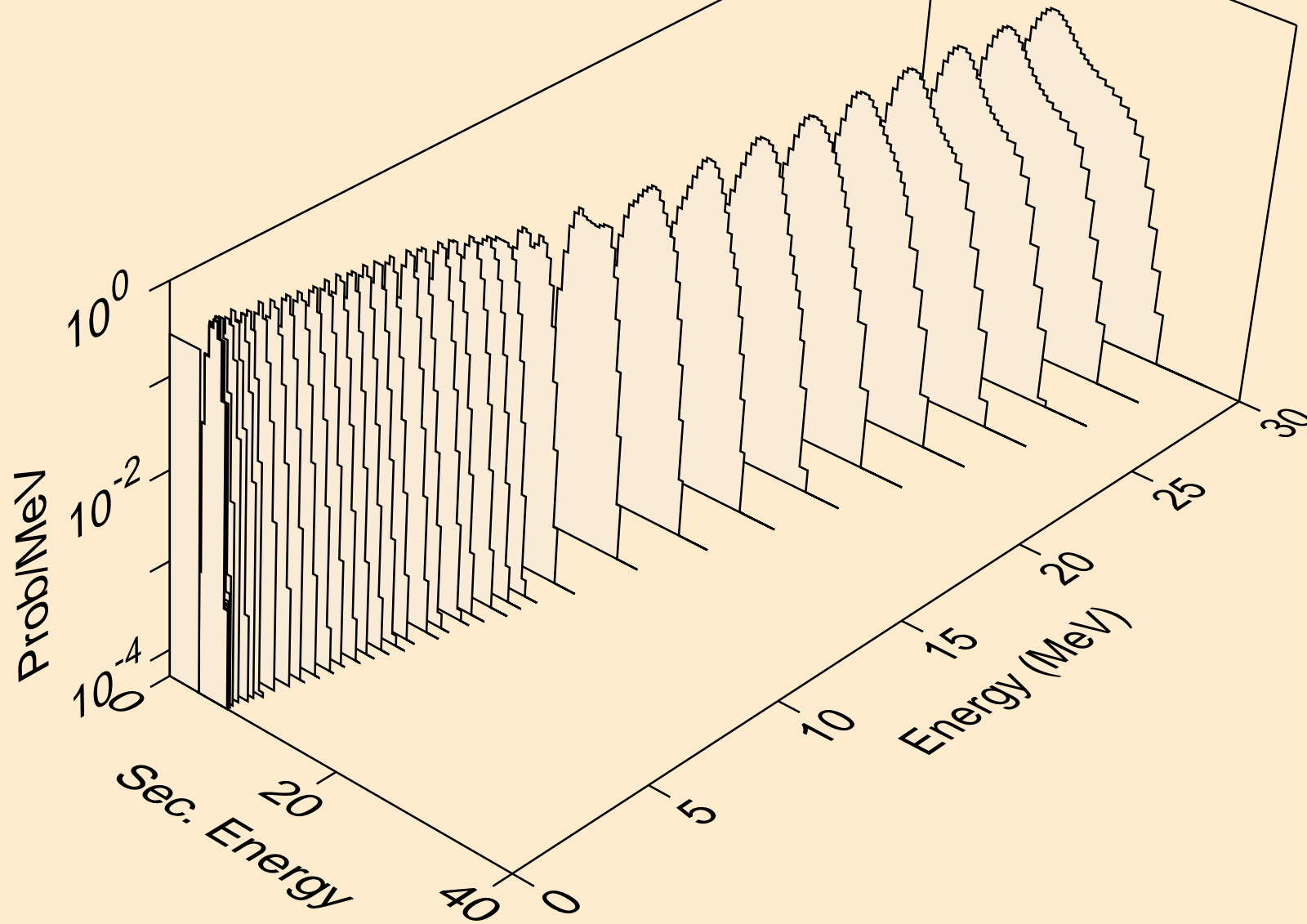
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



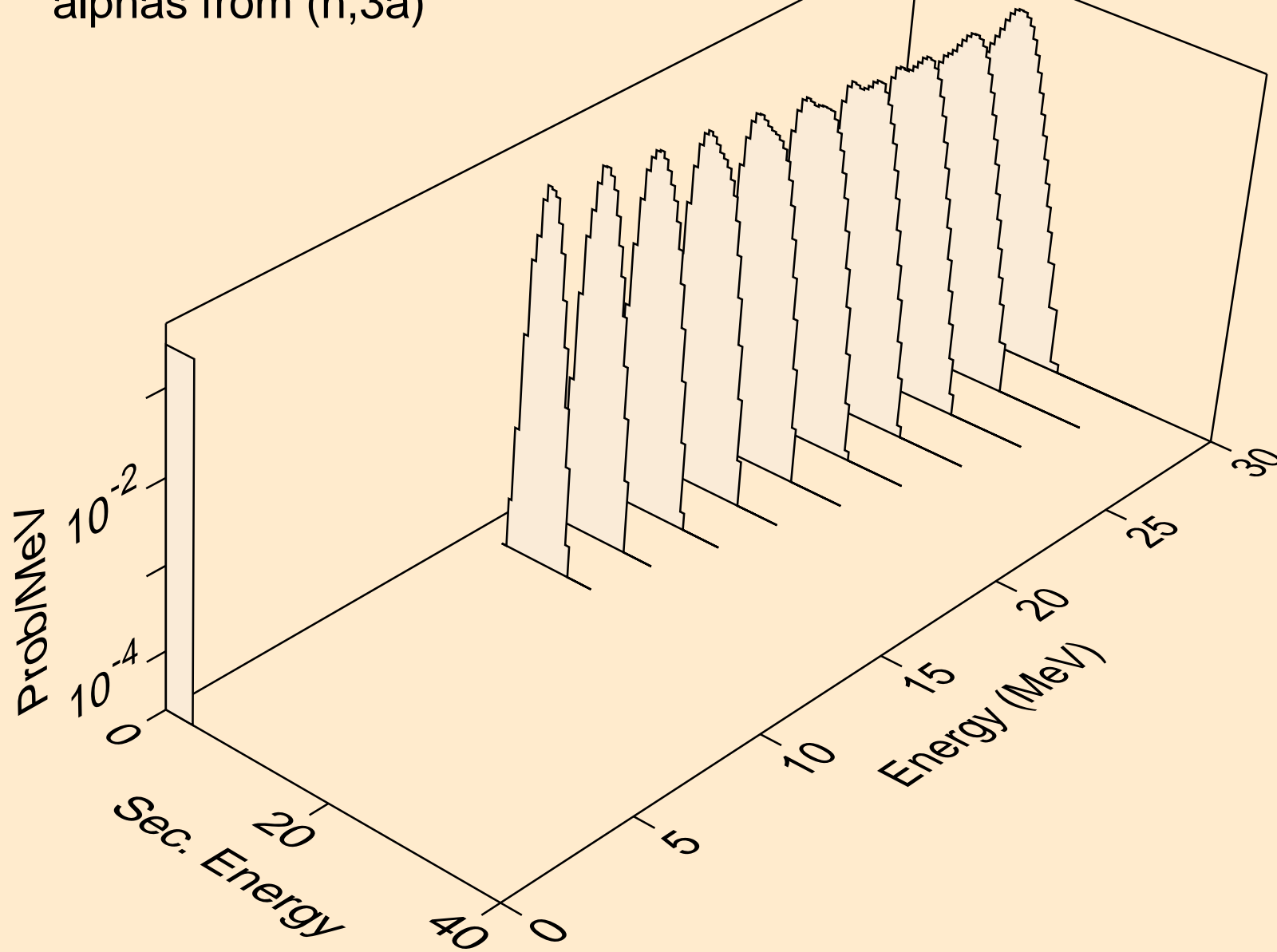
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



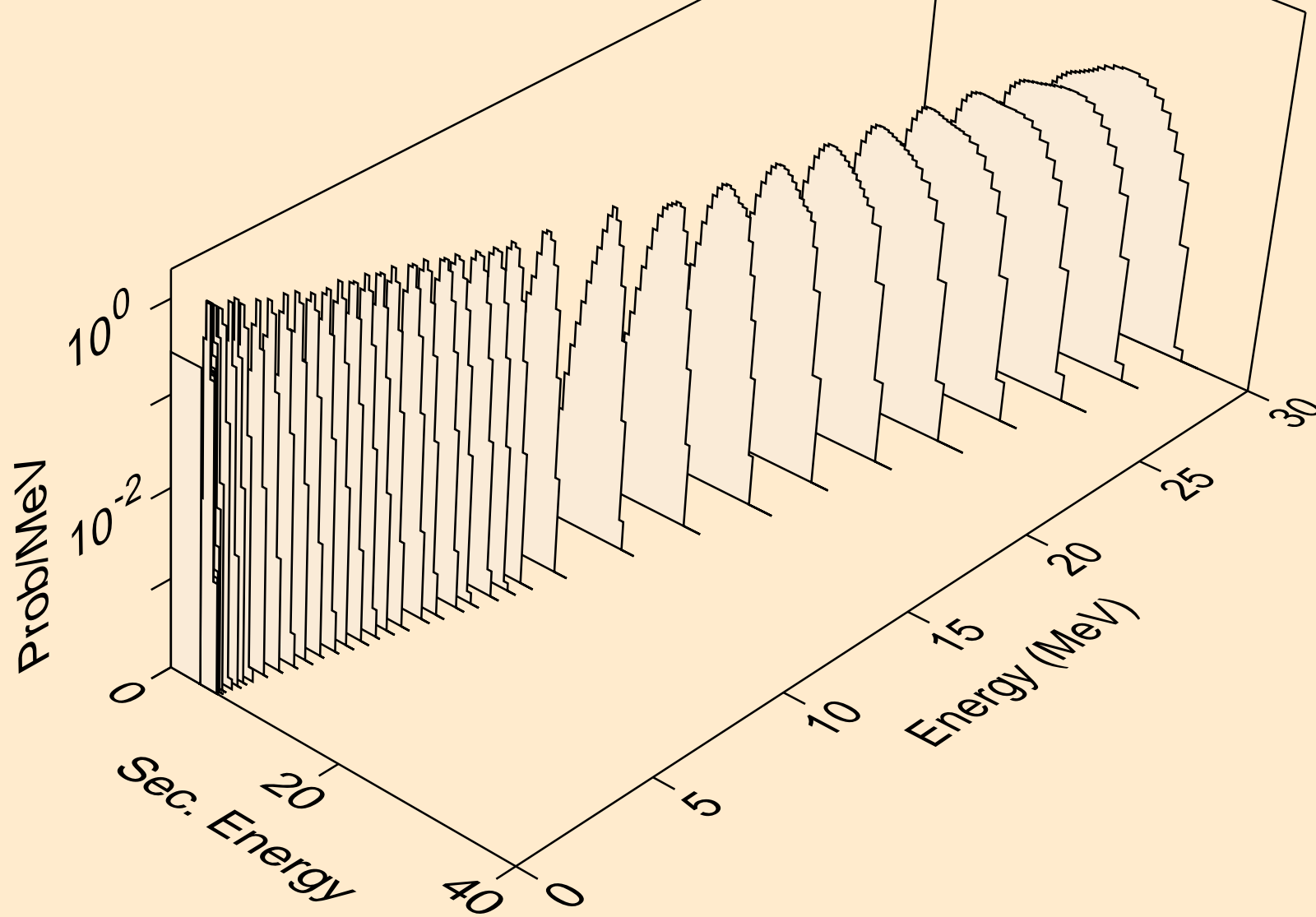
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



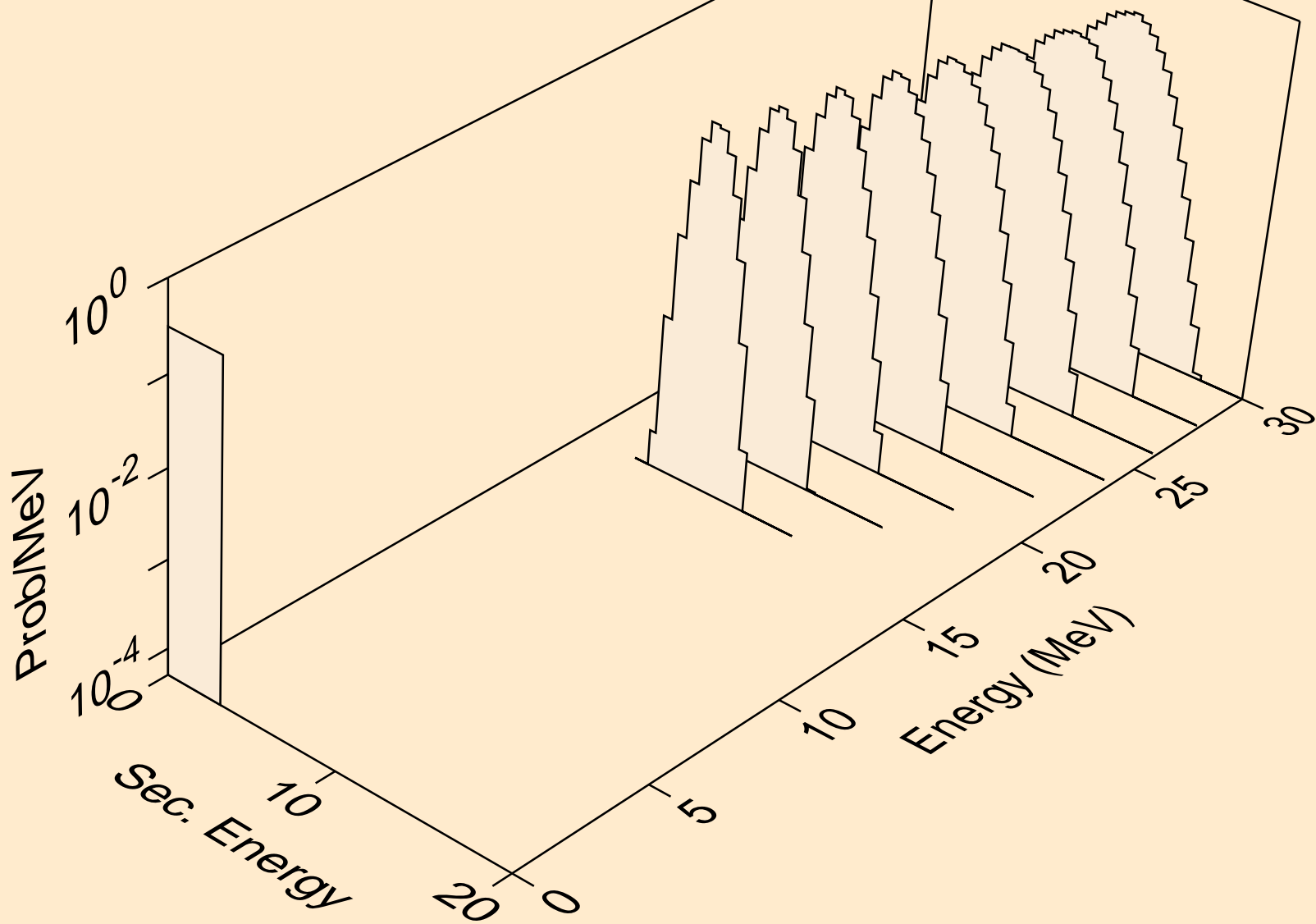
CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,d2a)



CS121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

