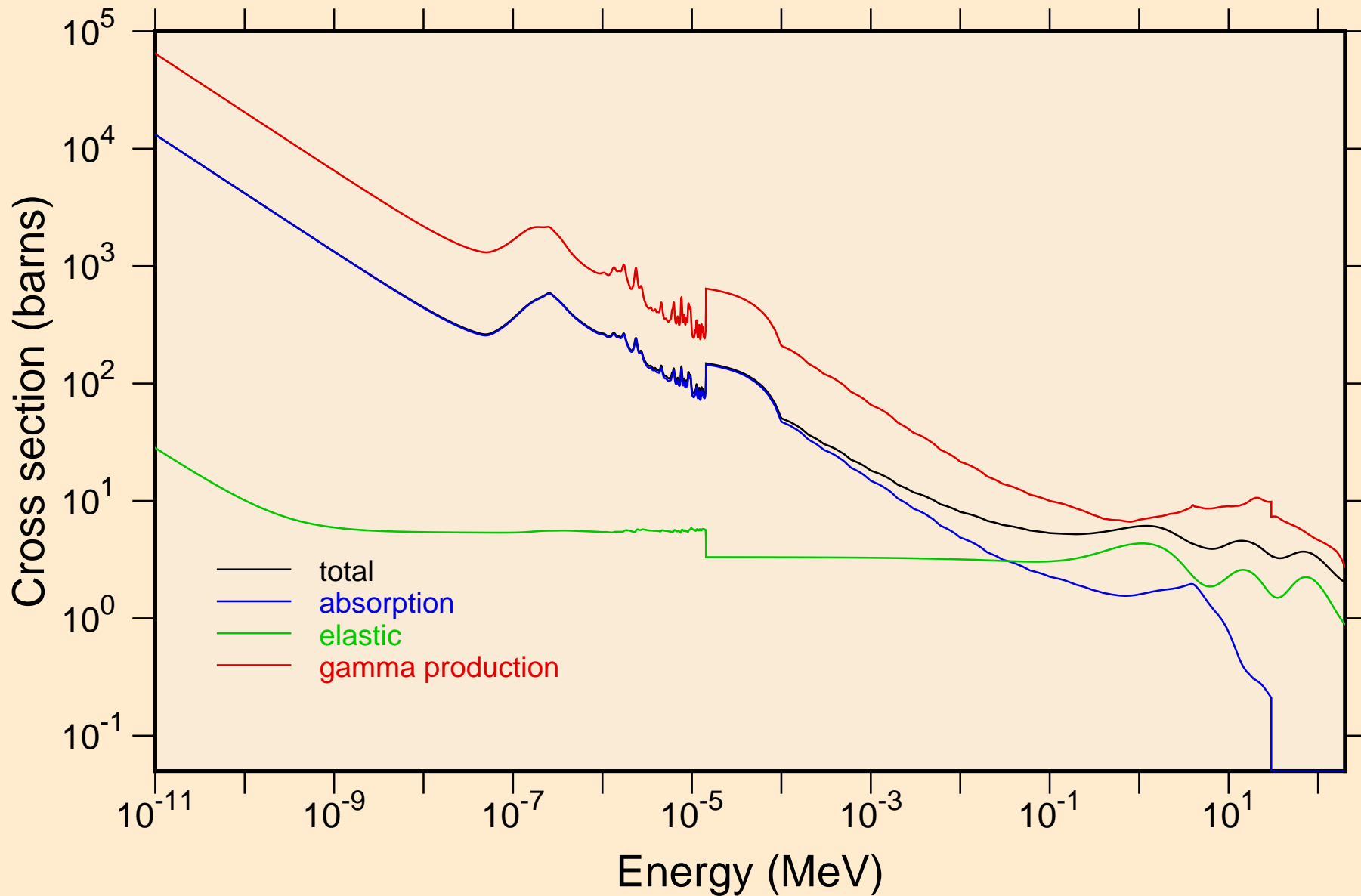
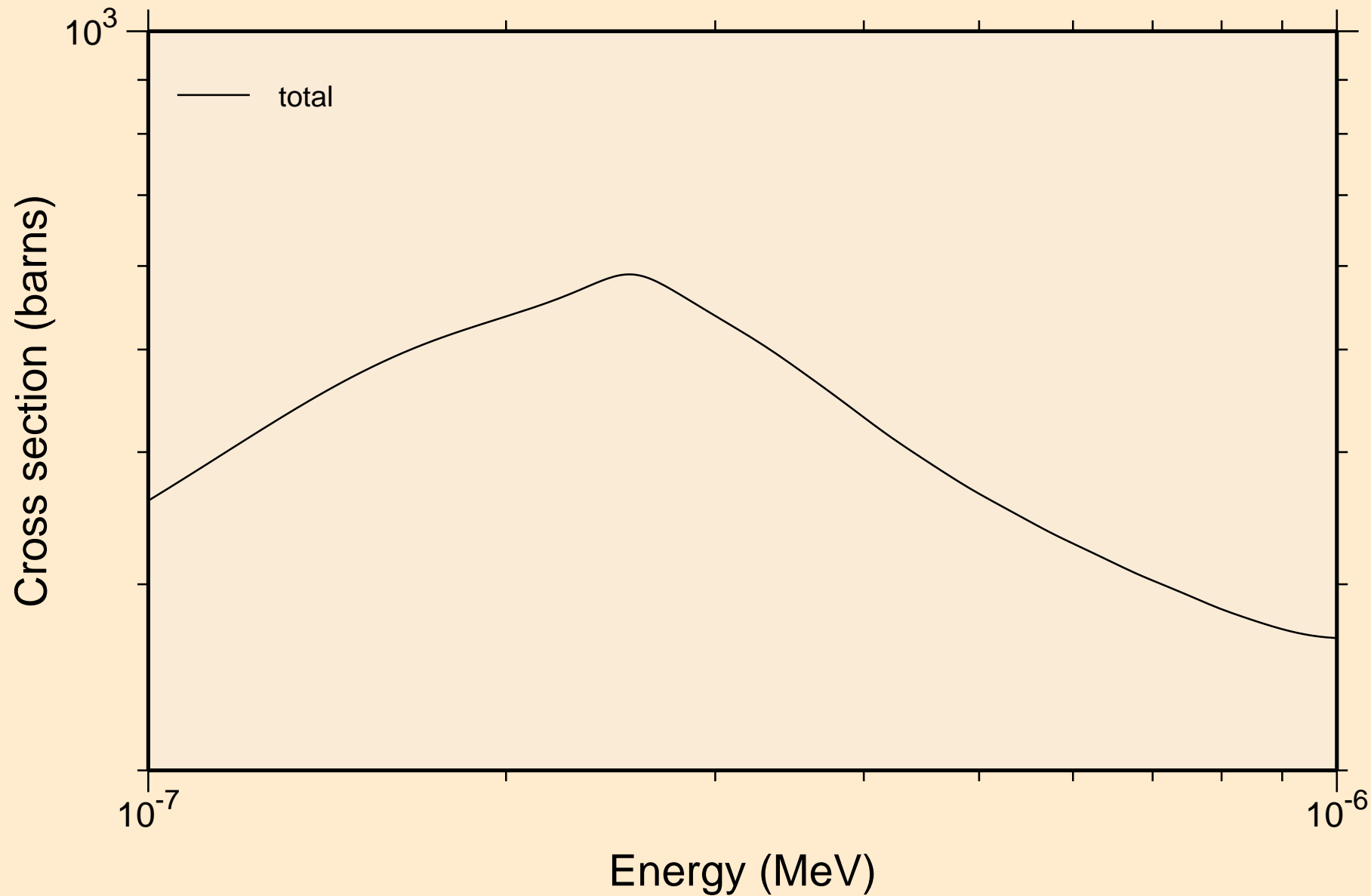


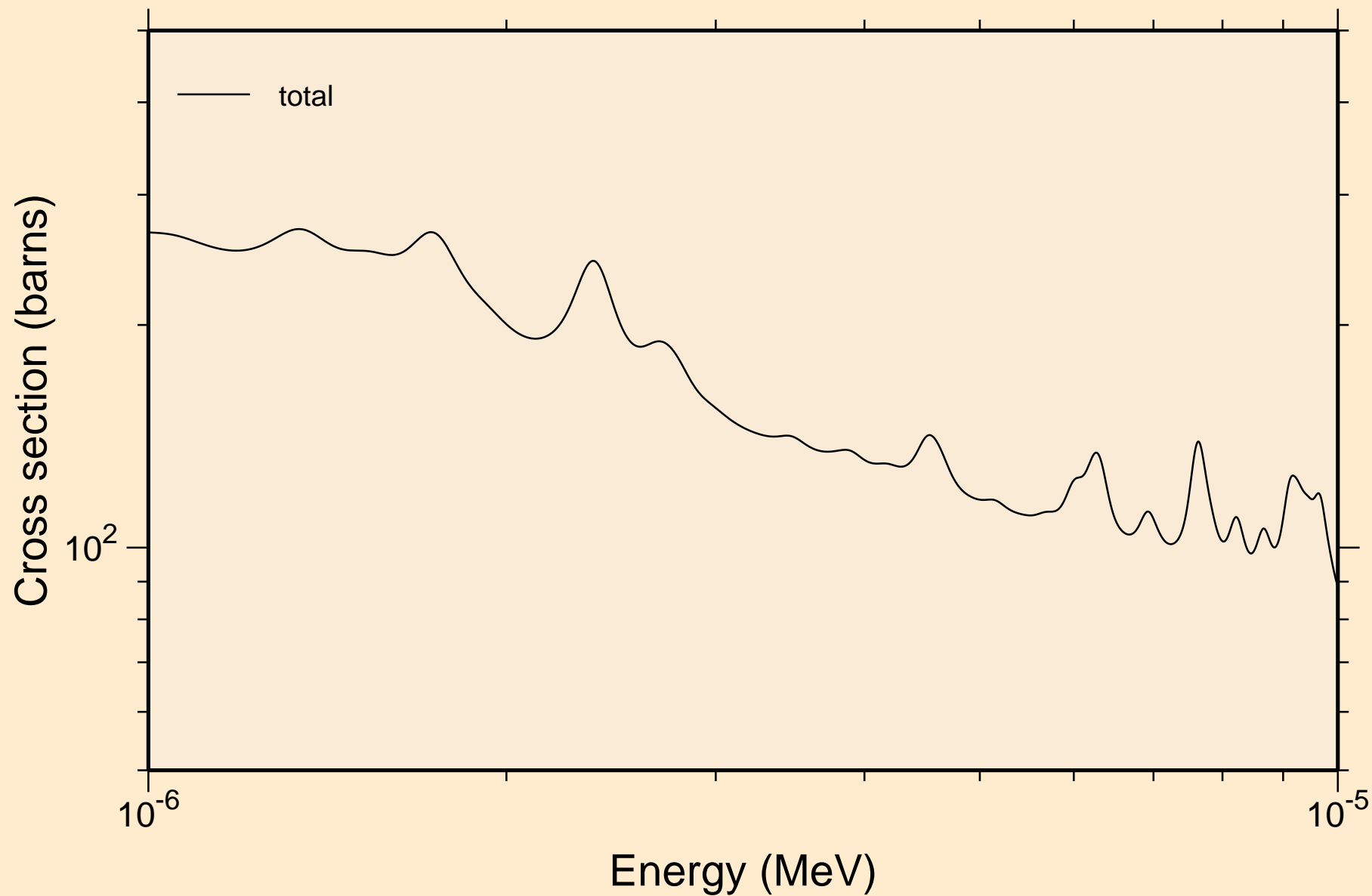
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



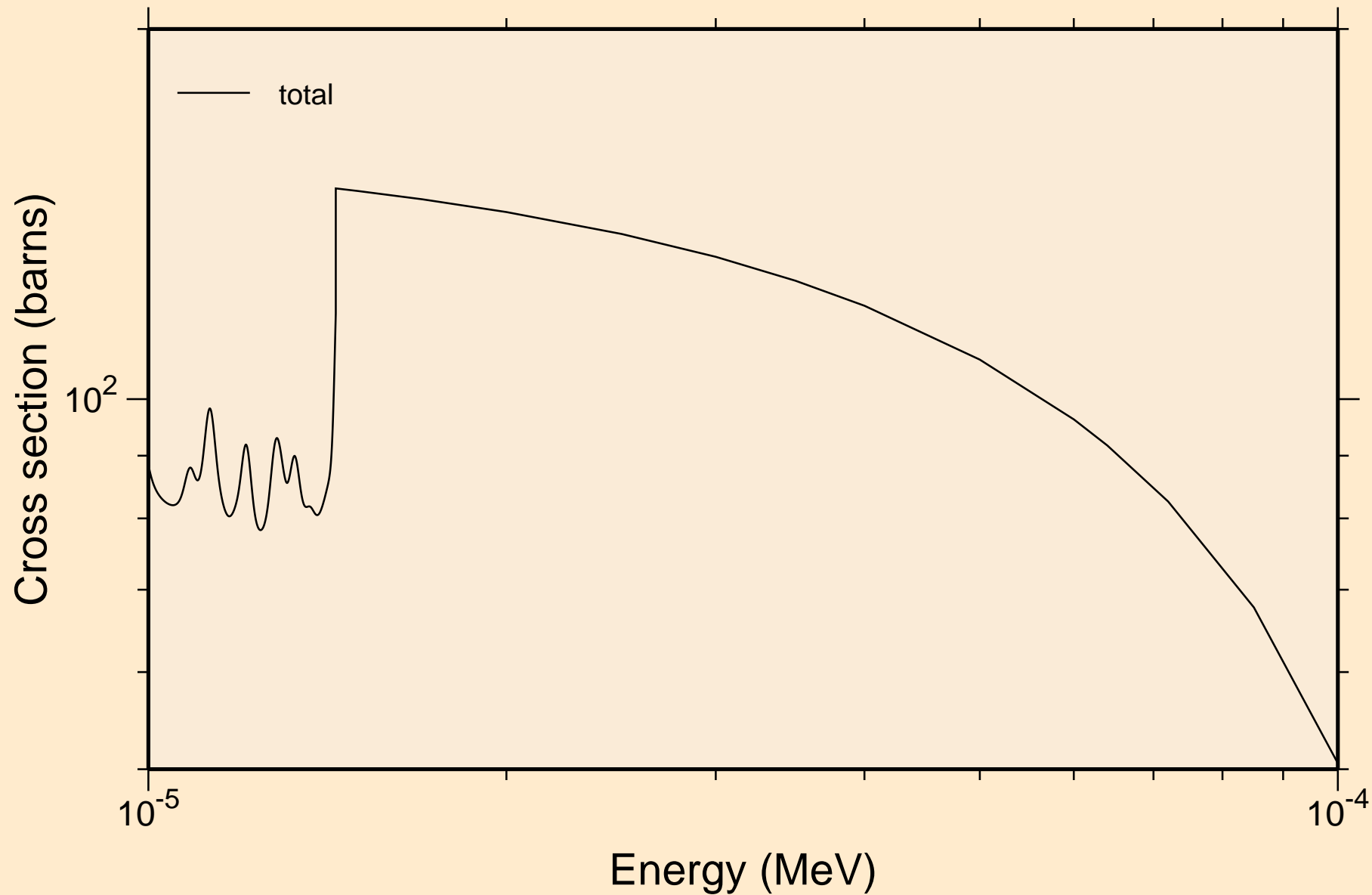
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



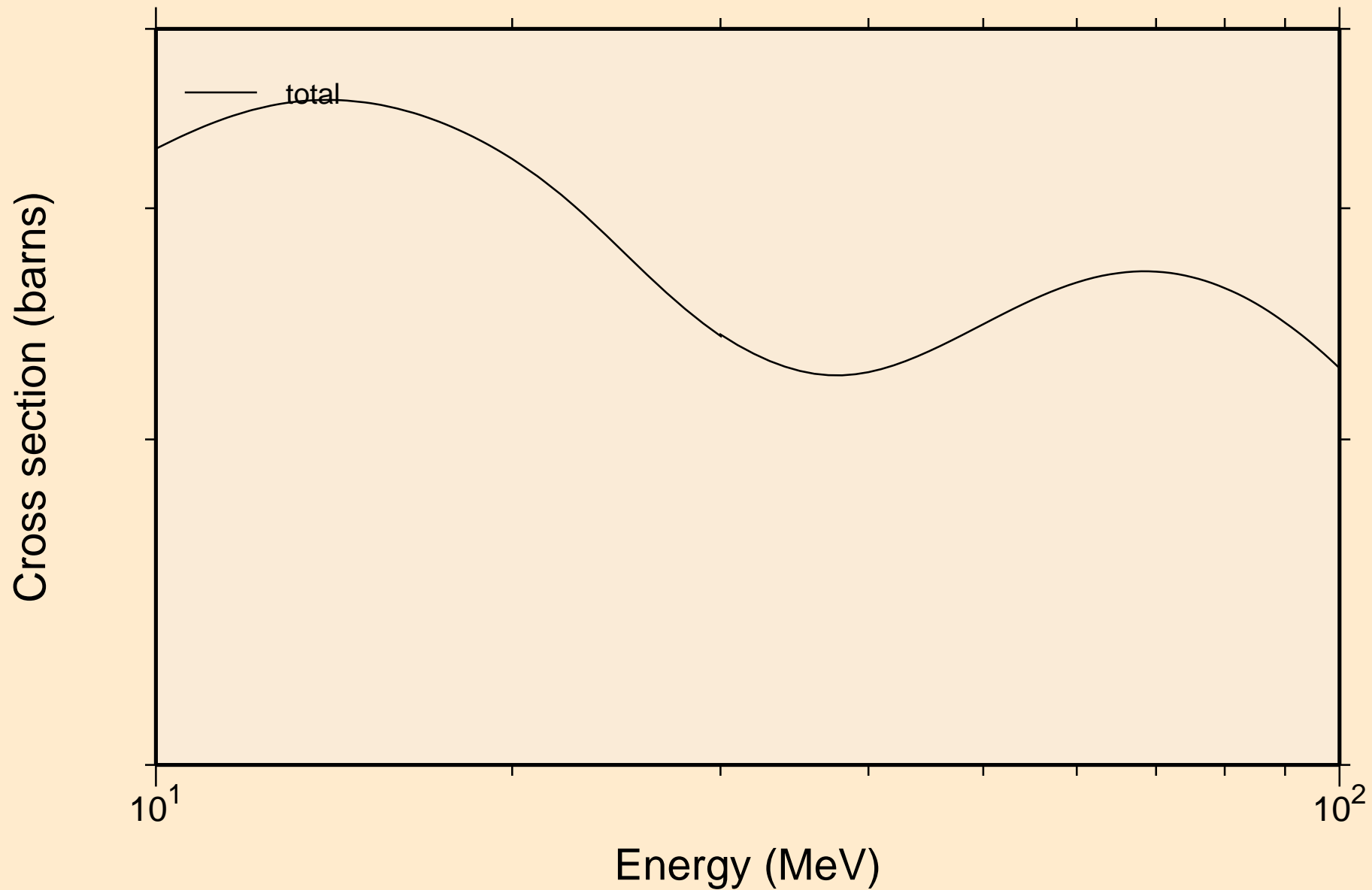
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



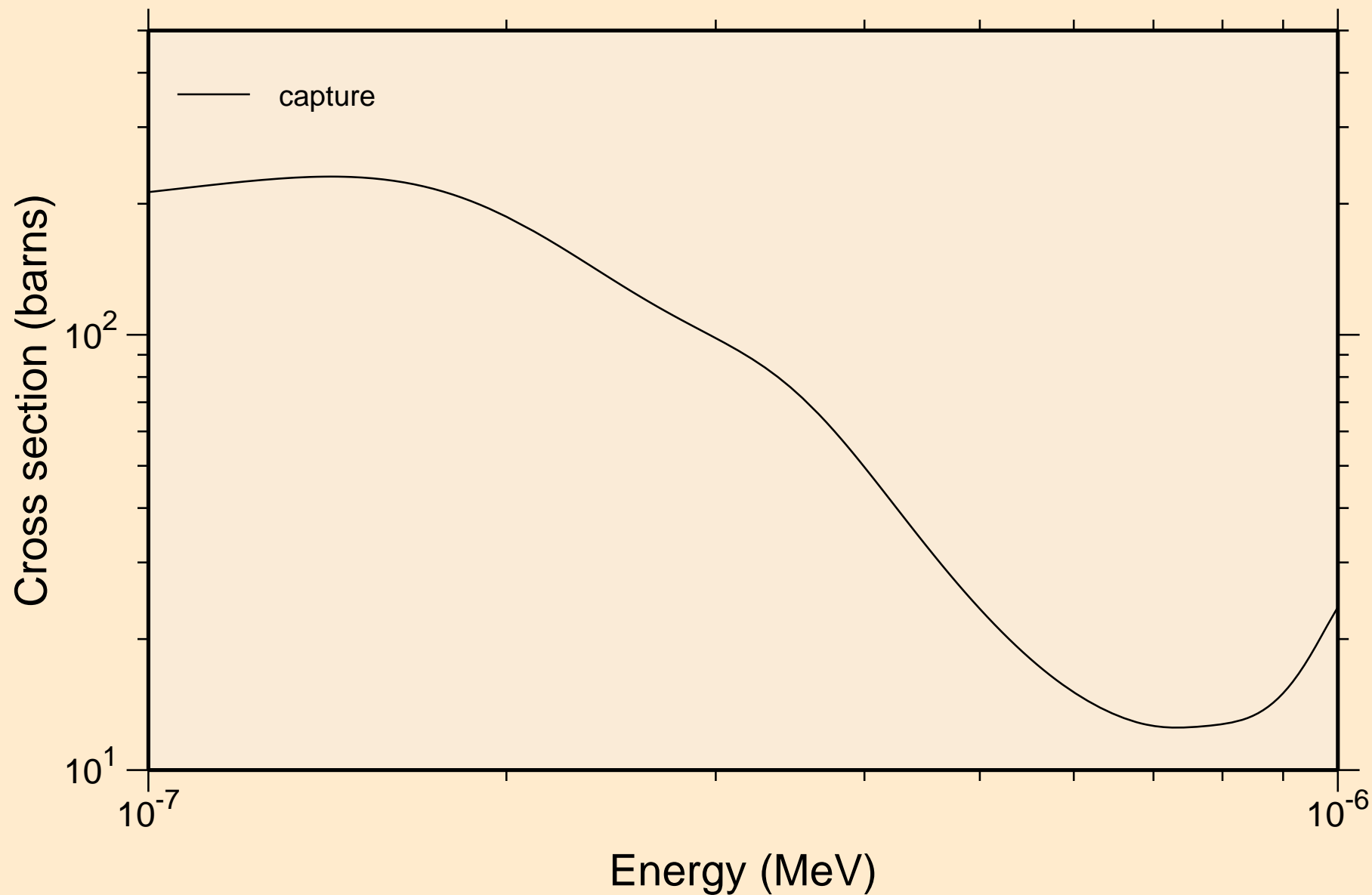
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



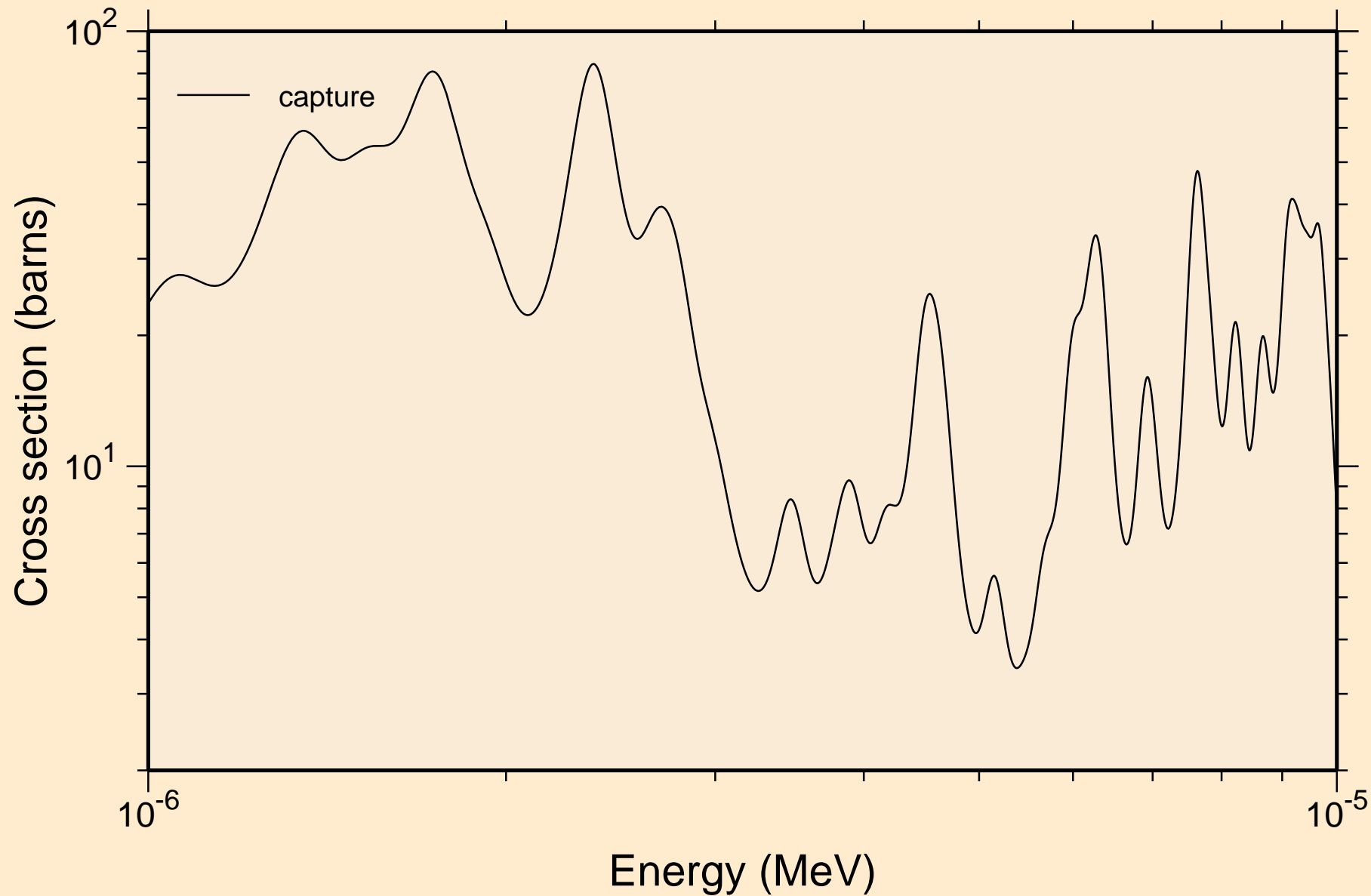
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



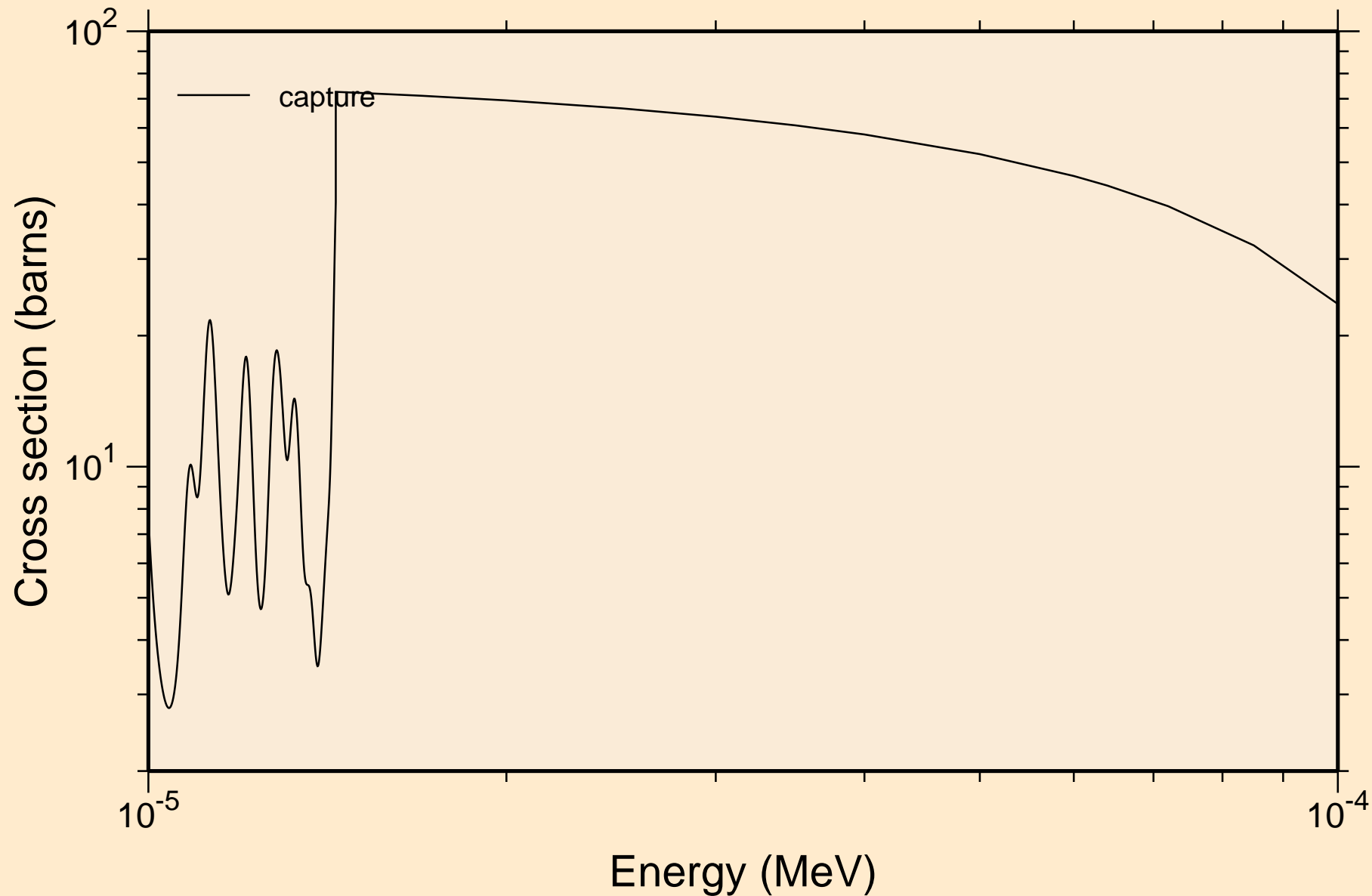
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

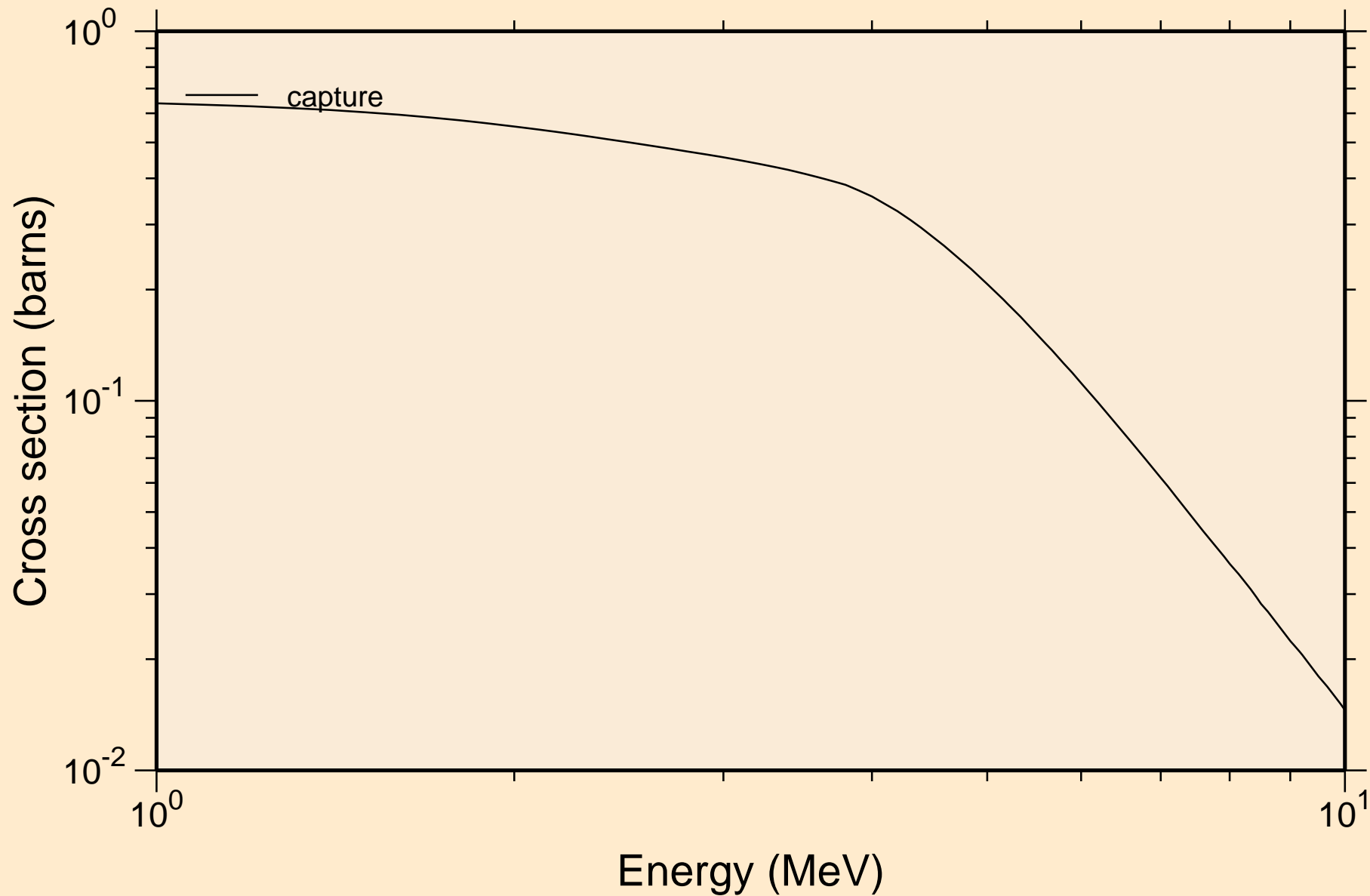


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

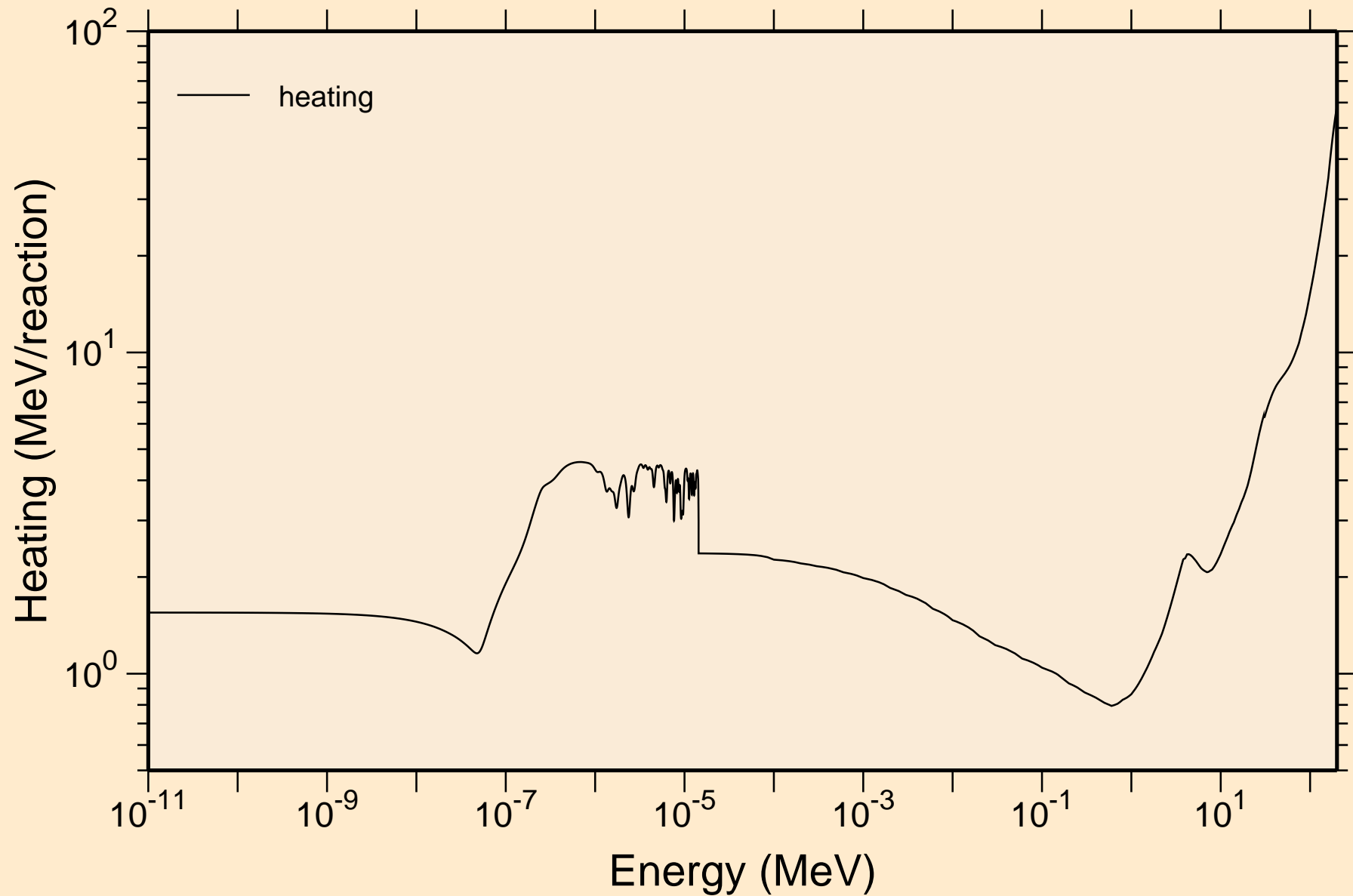




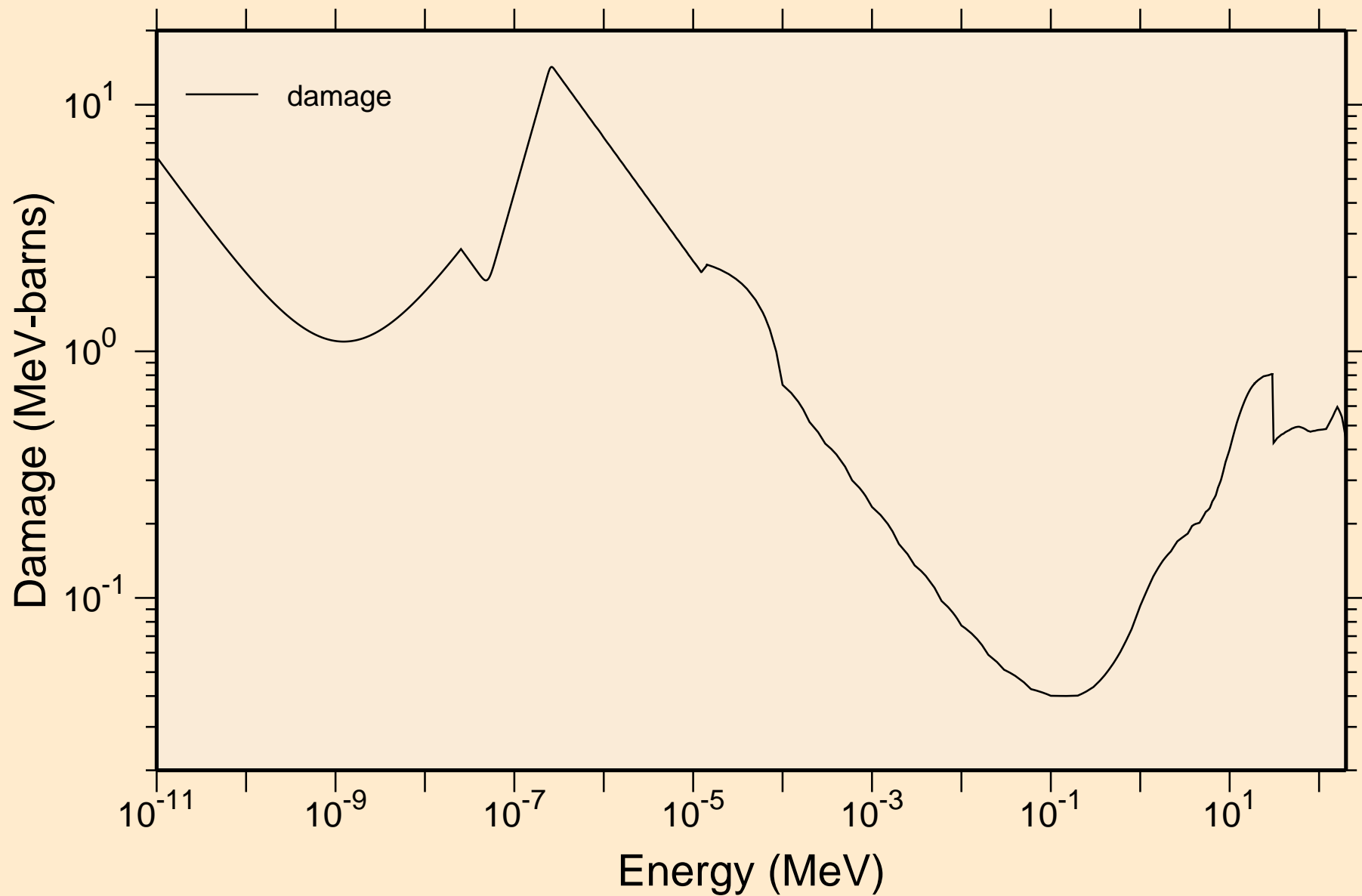
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



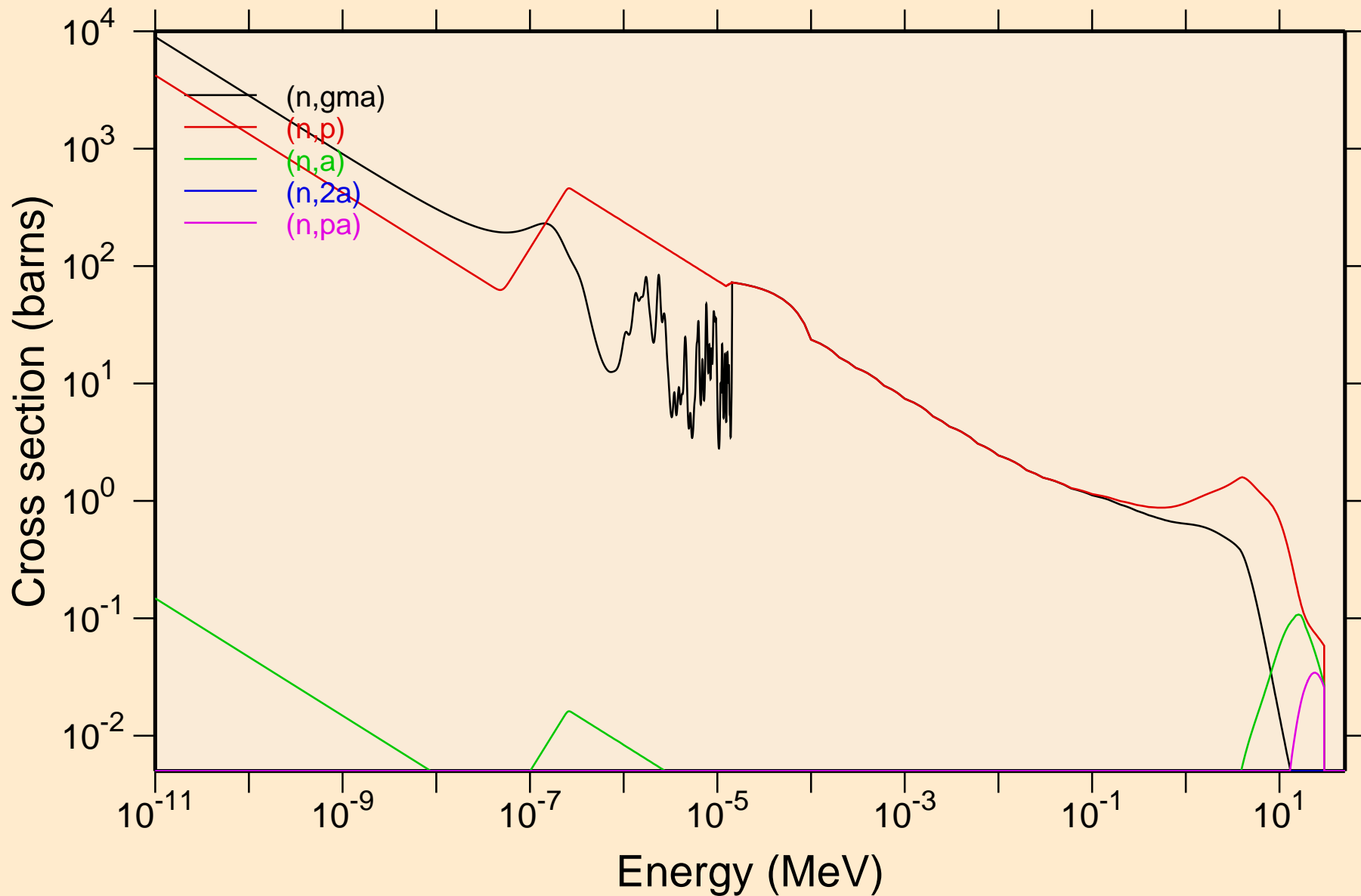
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



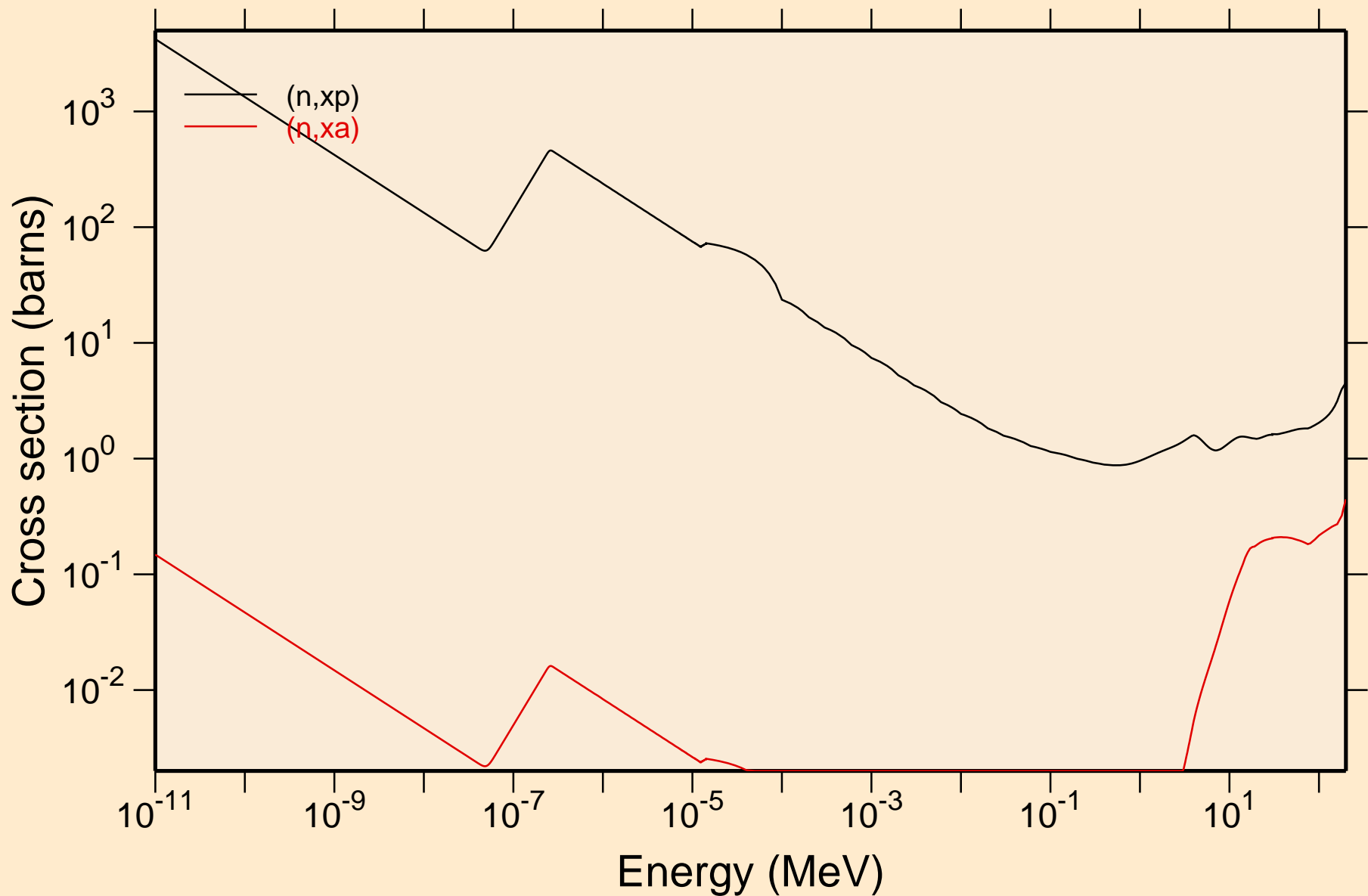
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



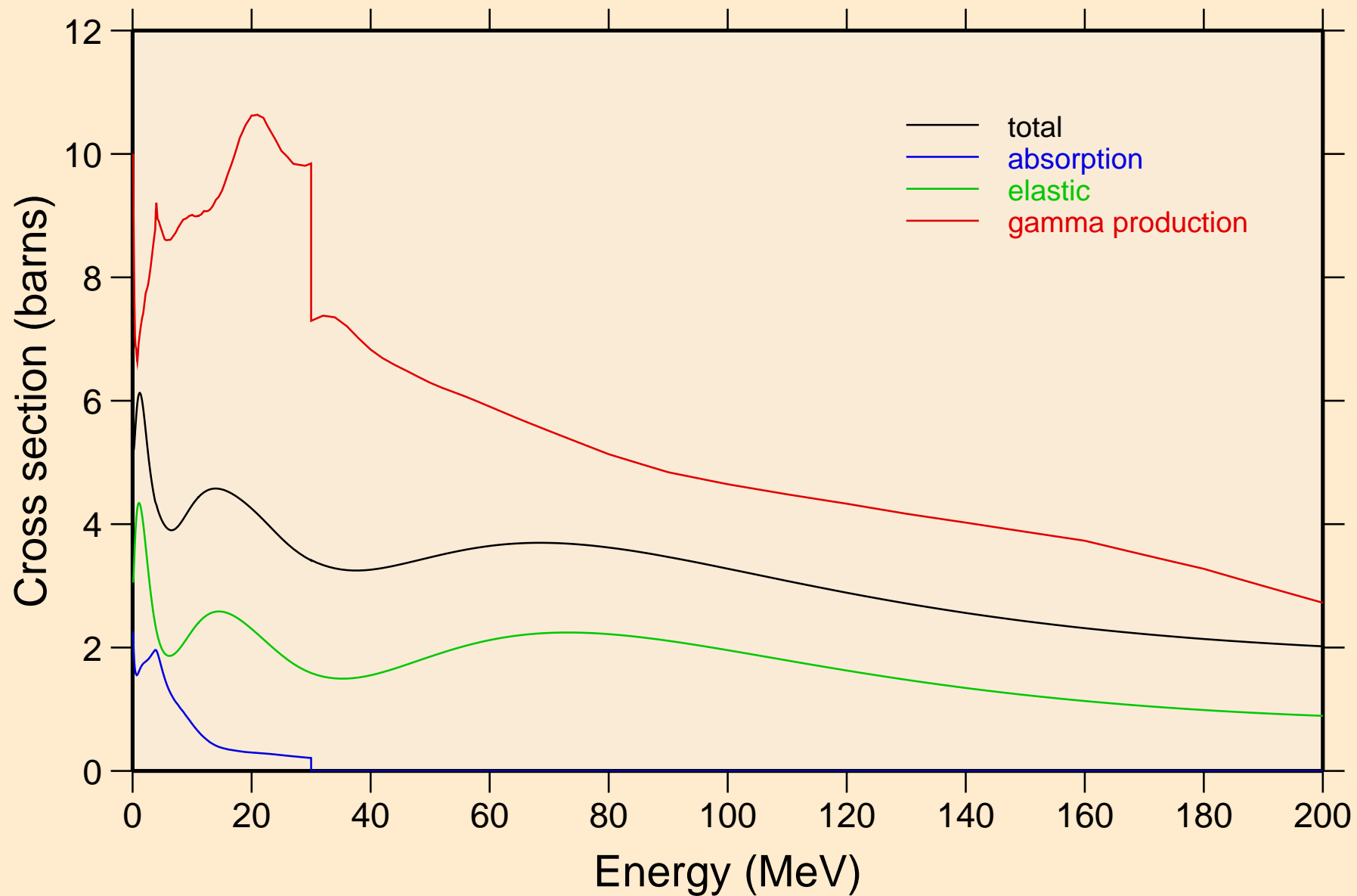
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



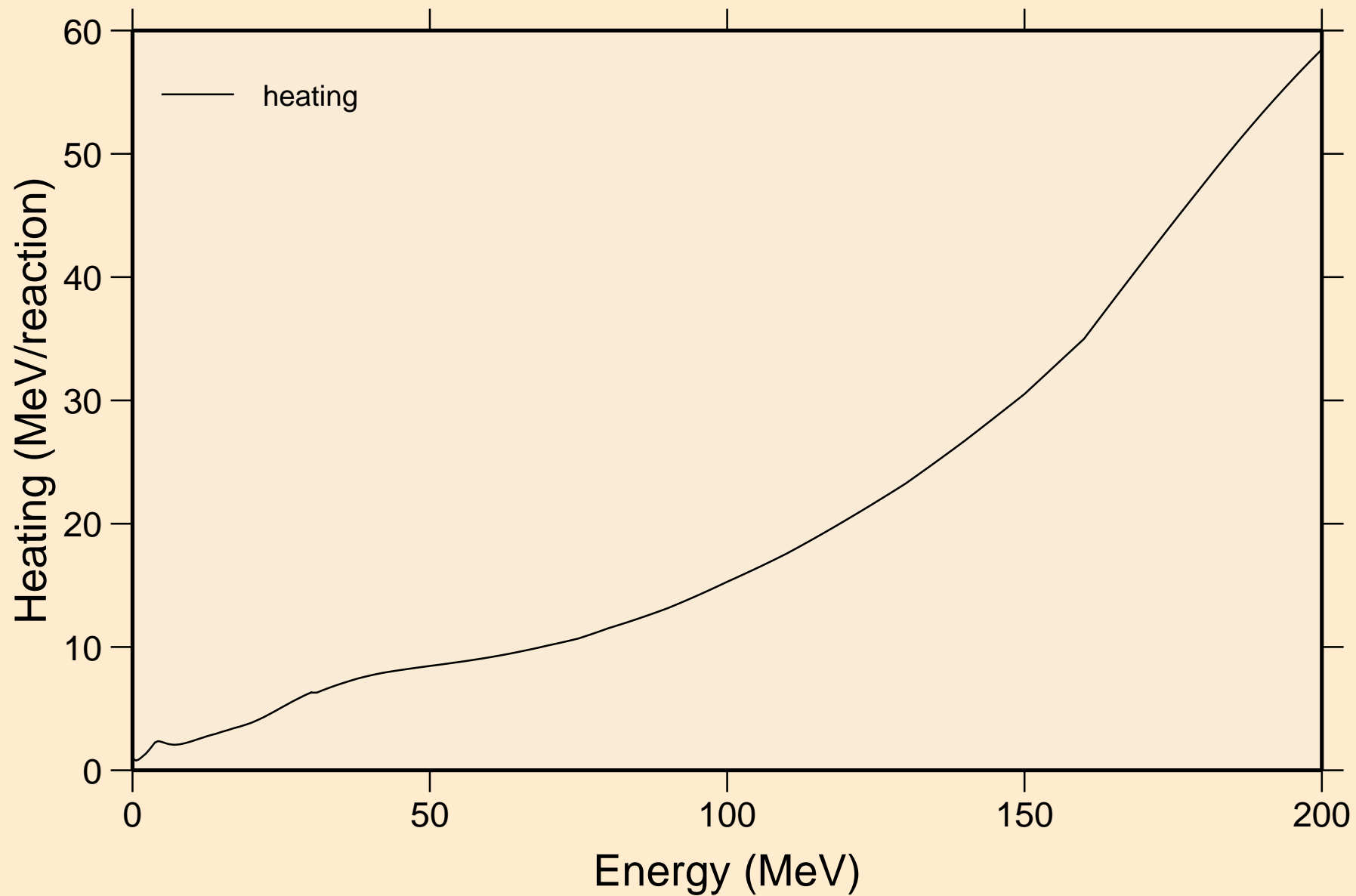
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



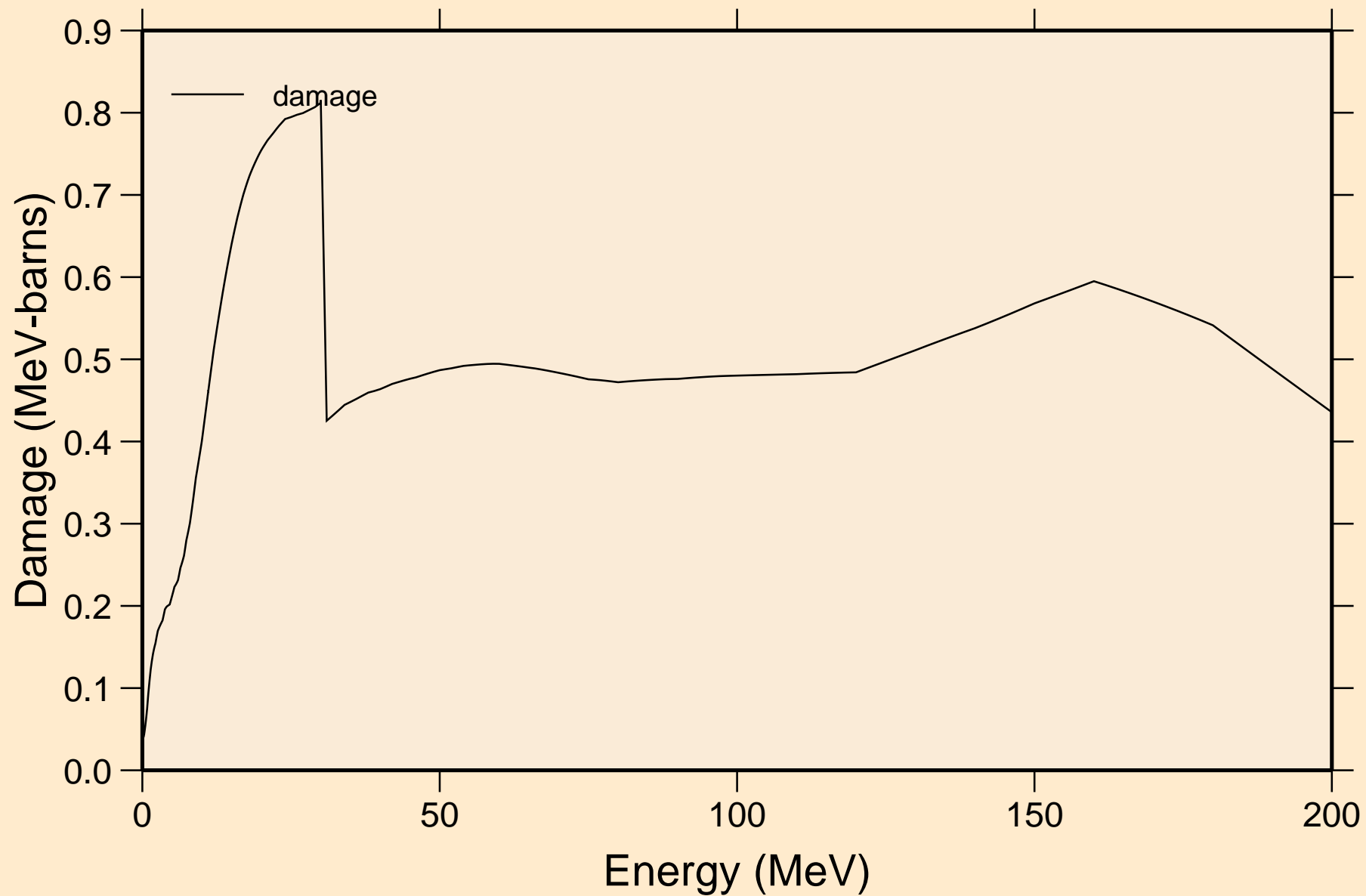
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

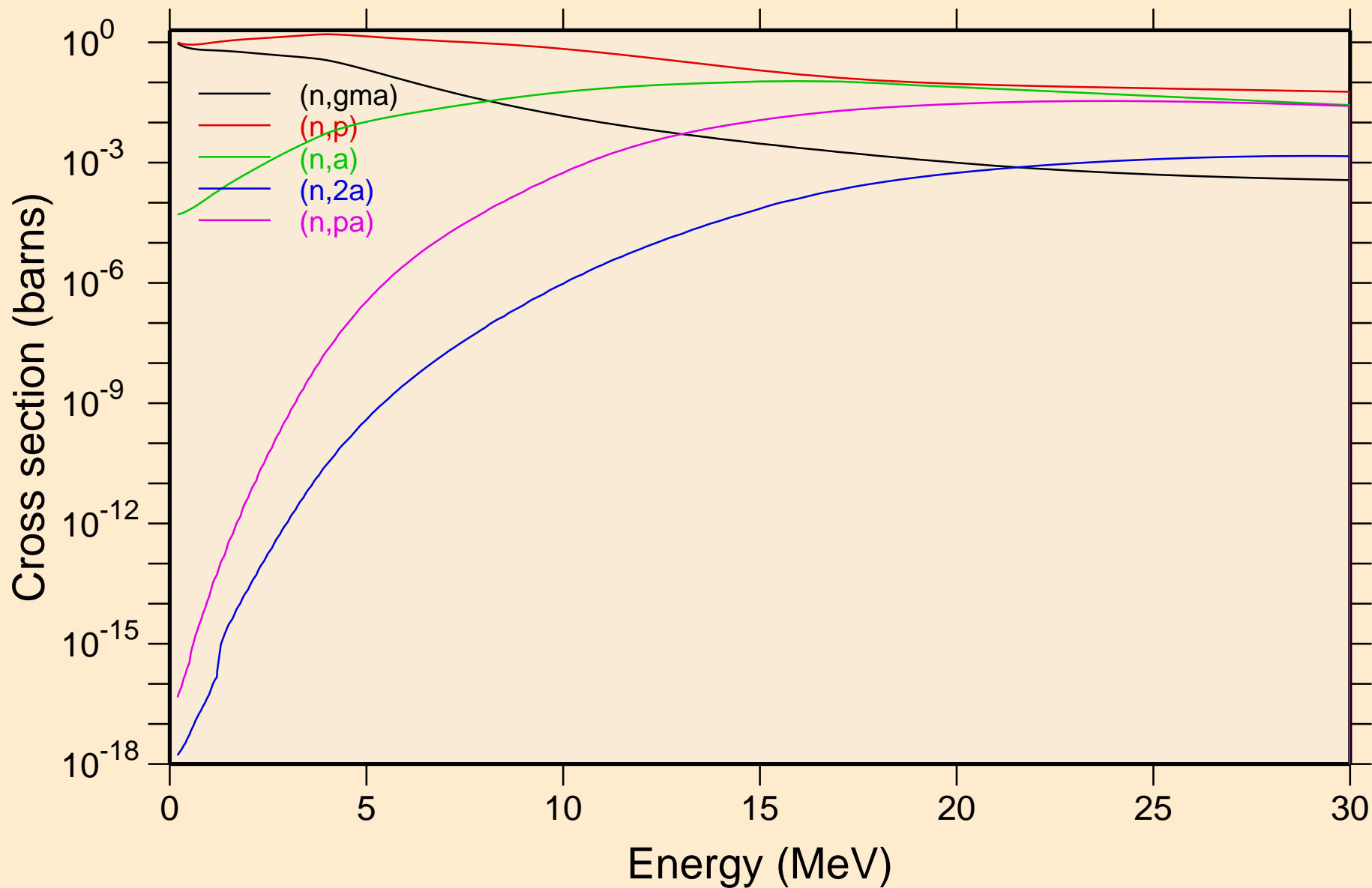


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

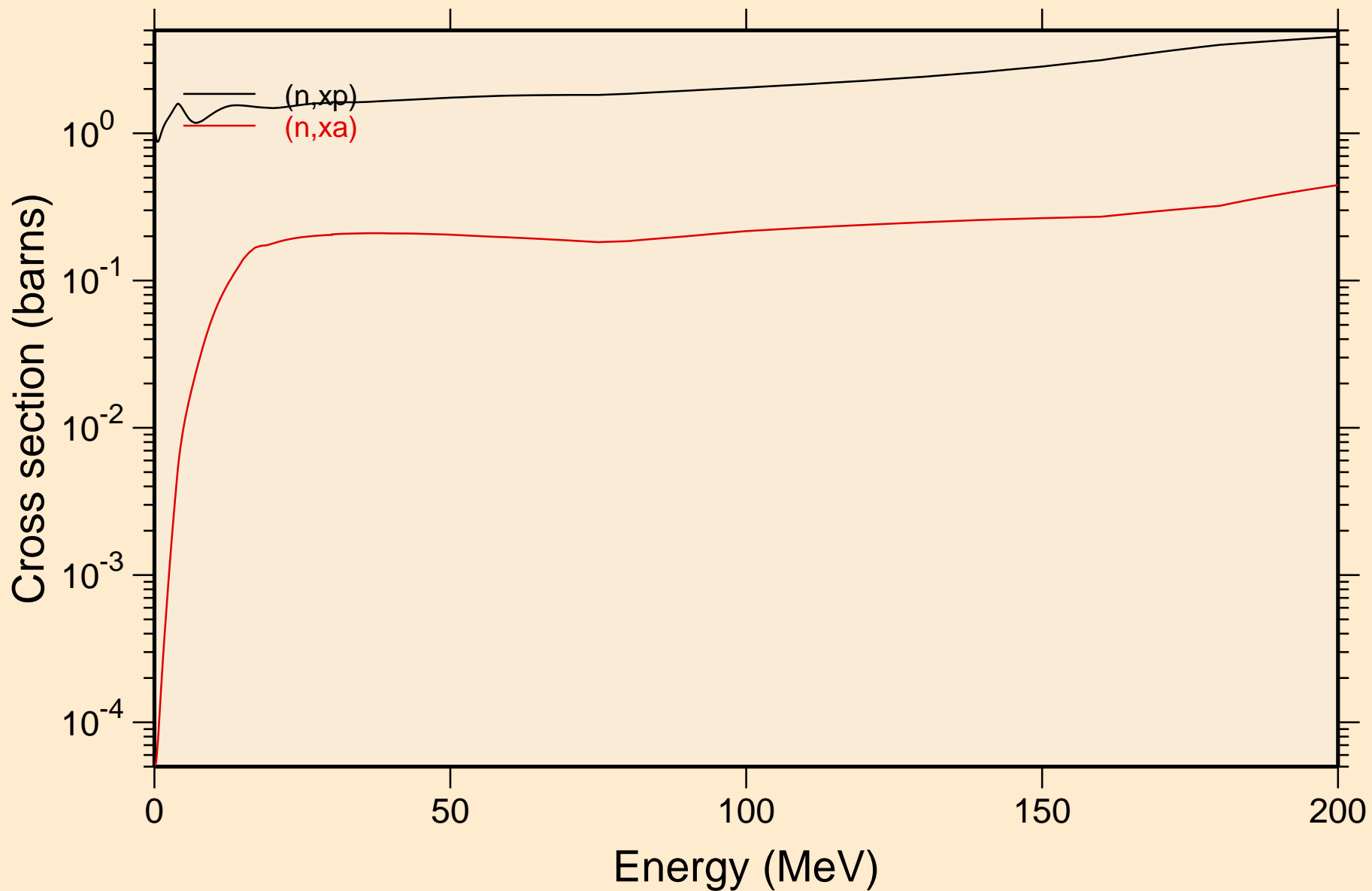




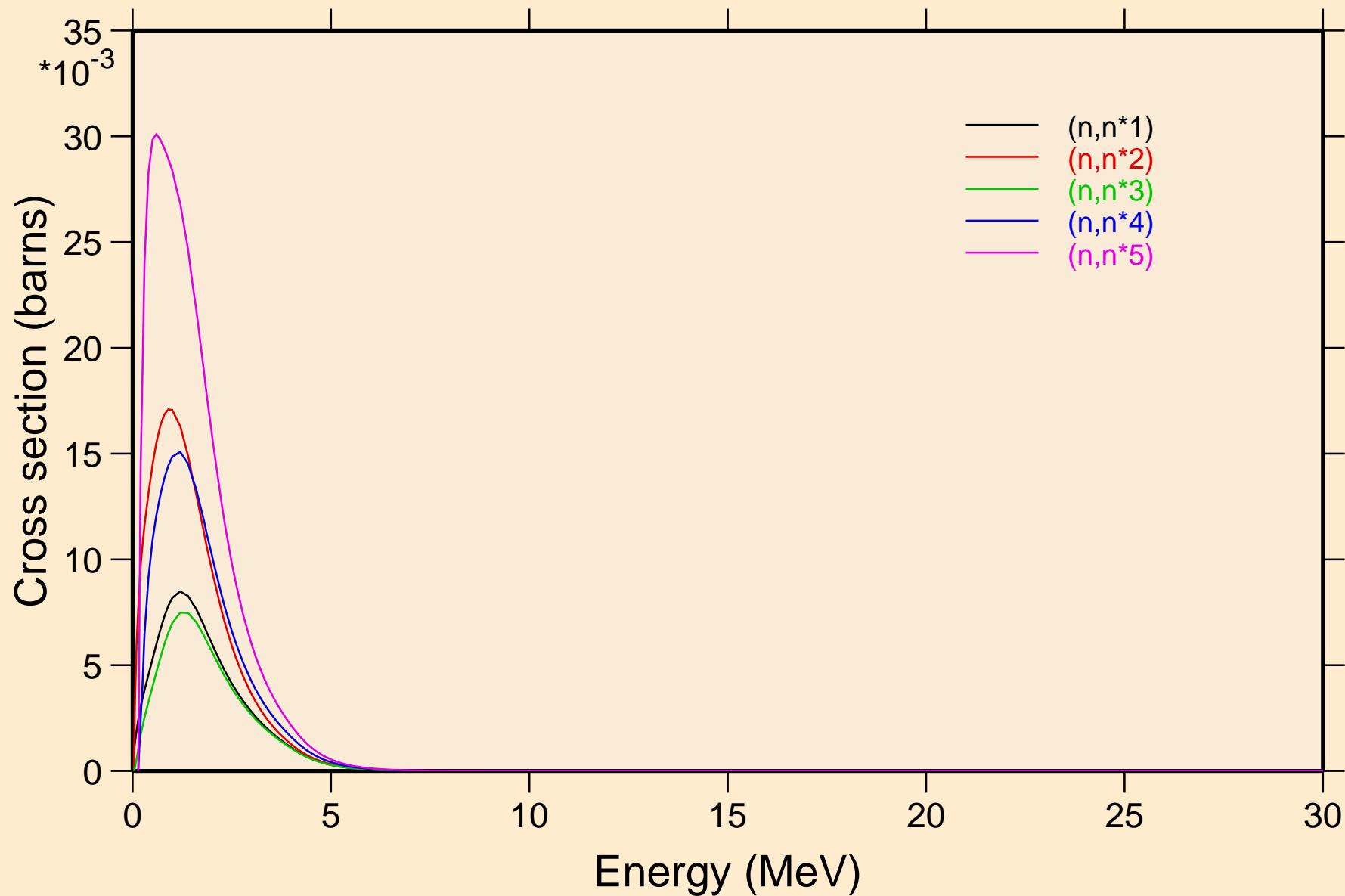
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



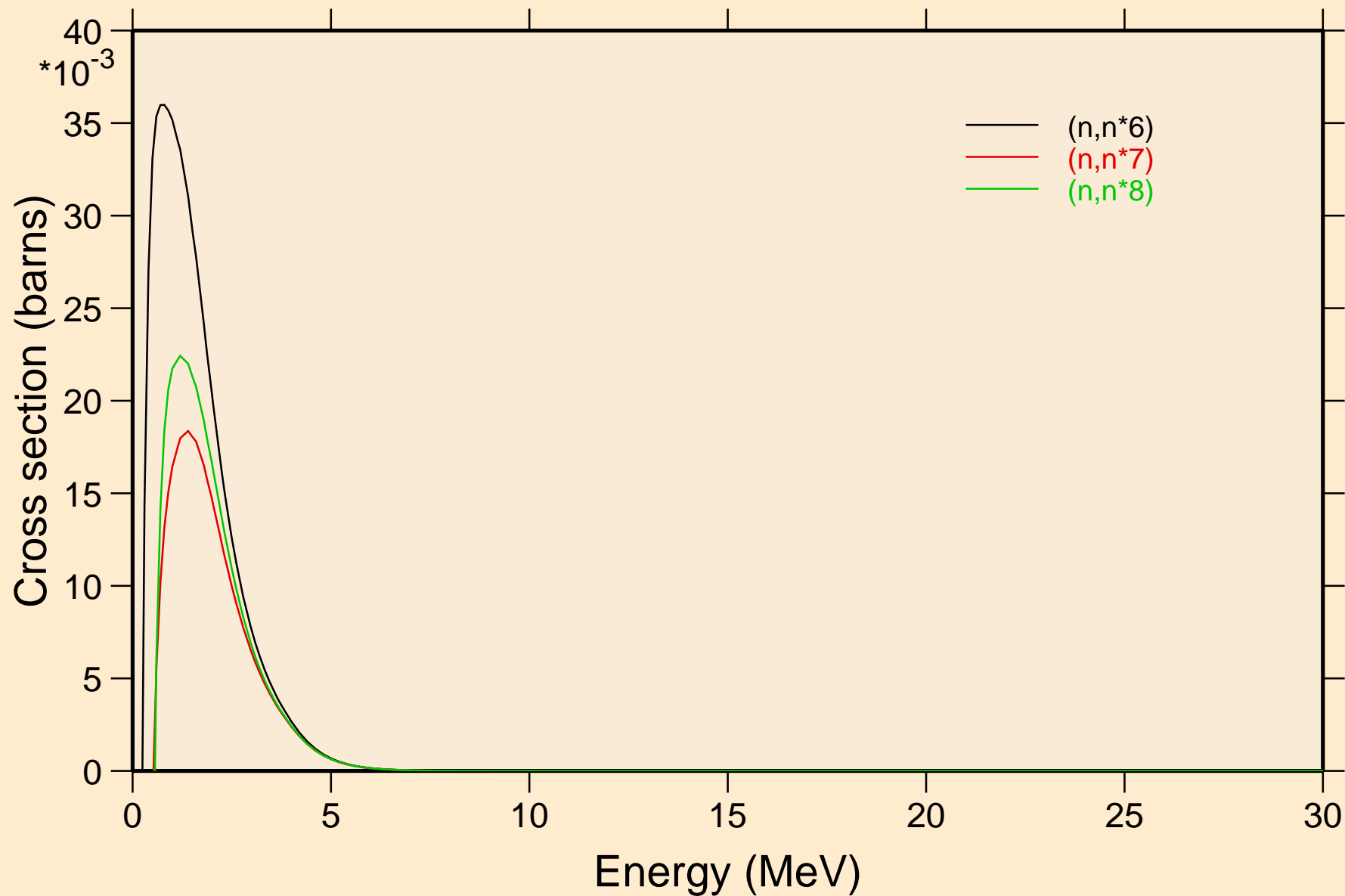
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

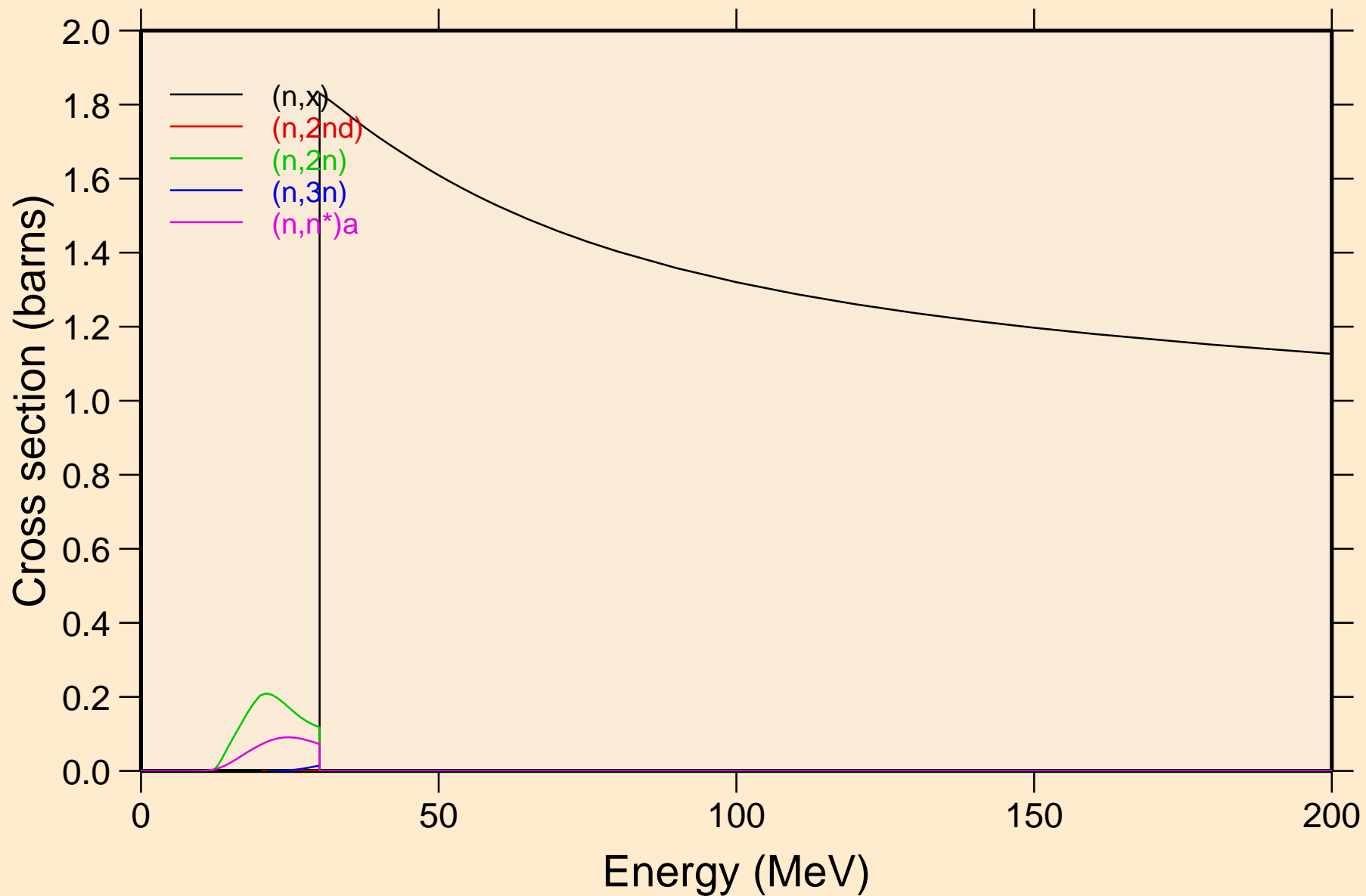


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

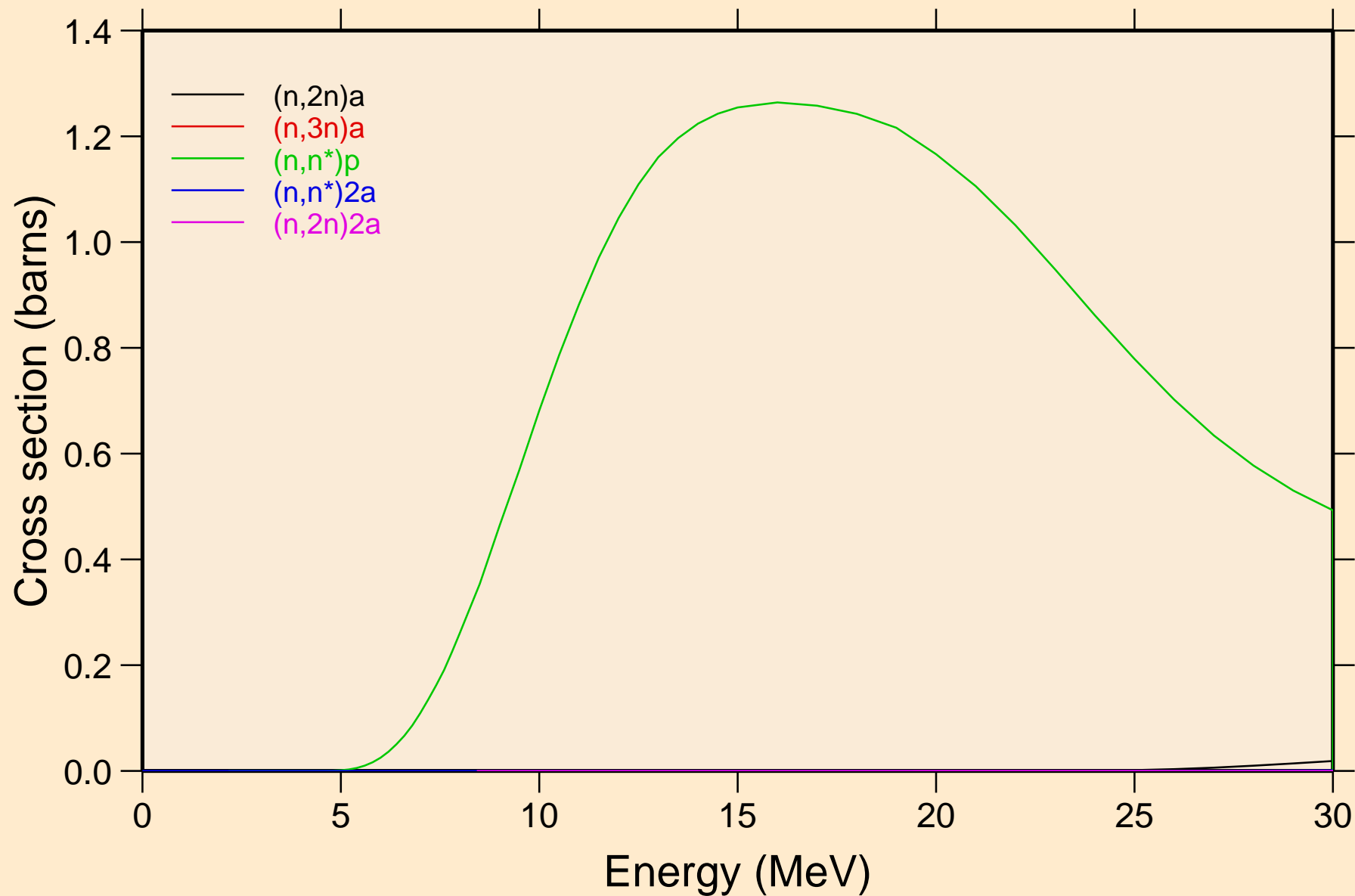


# CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

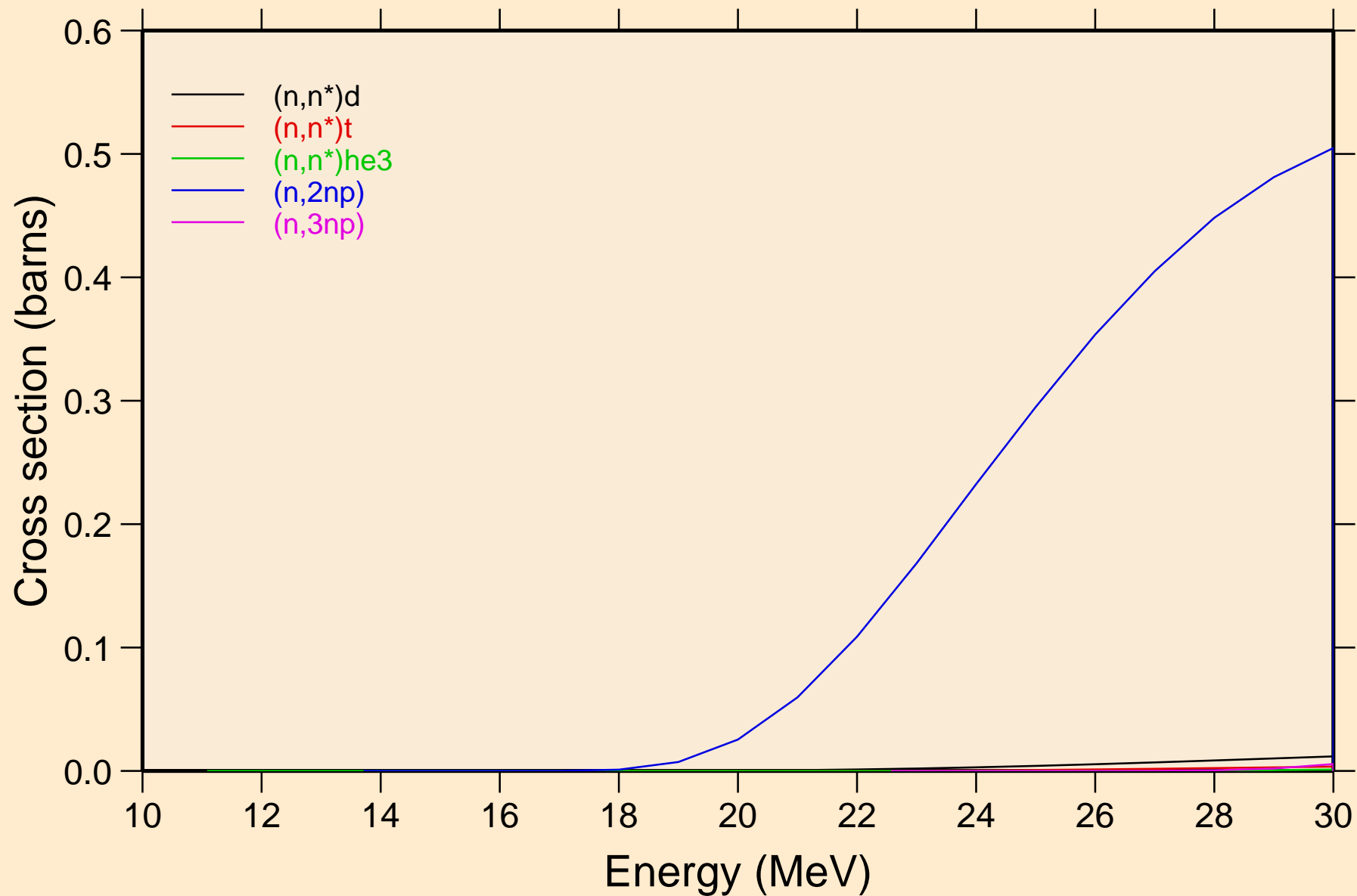
## Threshold reactions



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

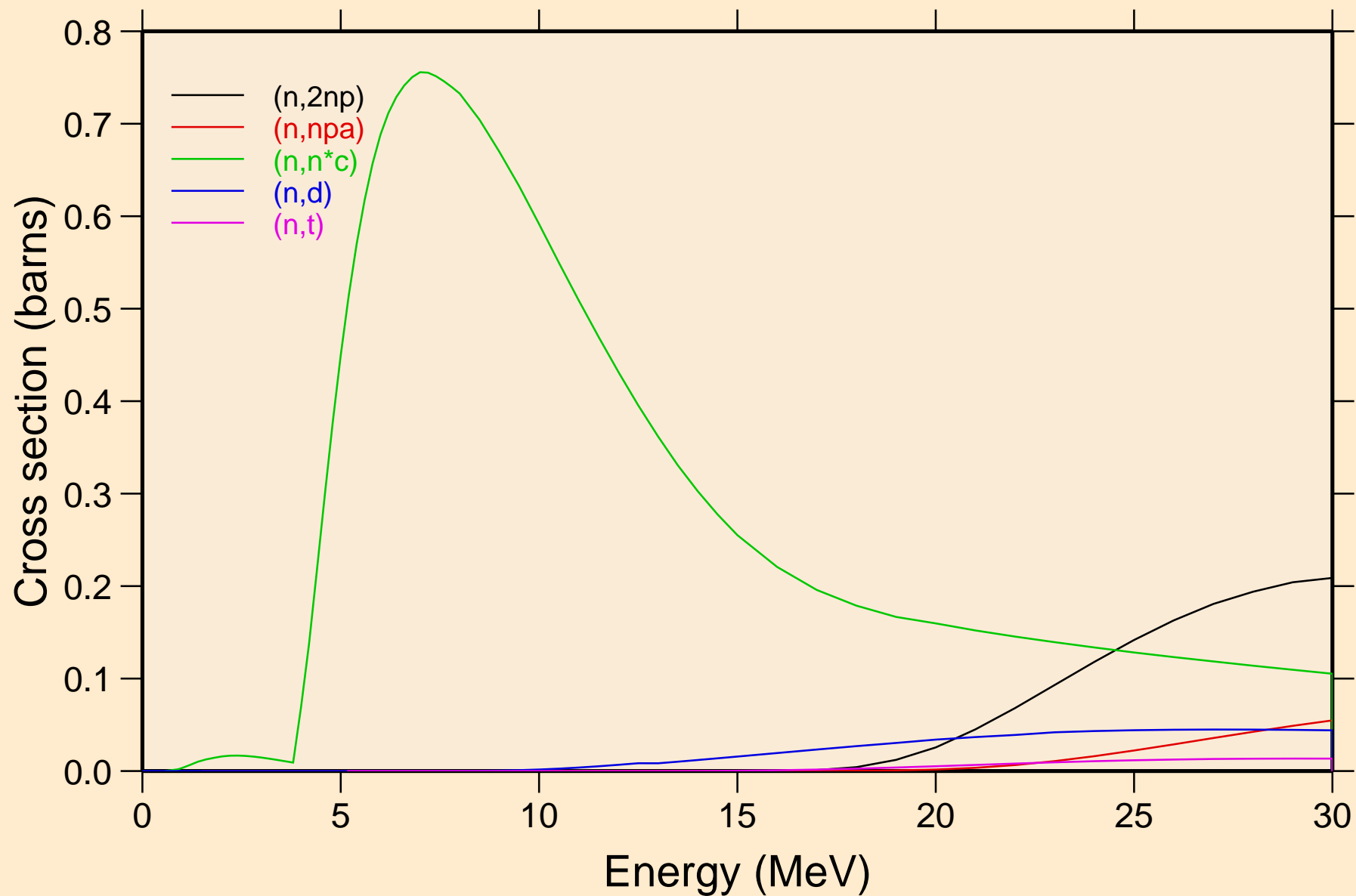


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



# CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

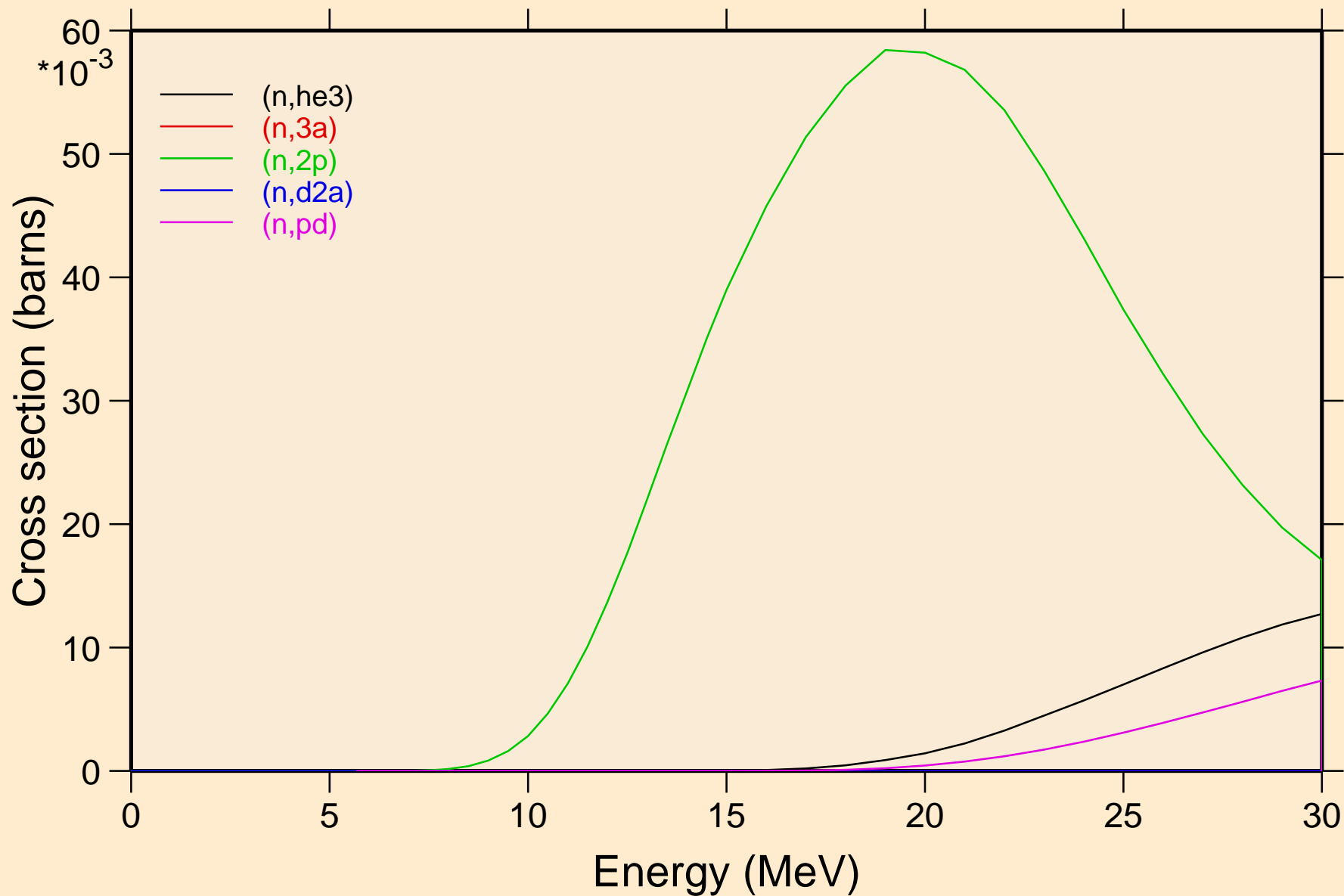
## Threshold reactions



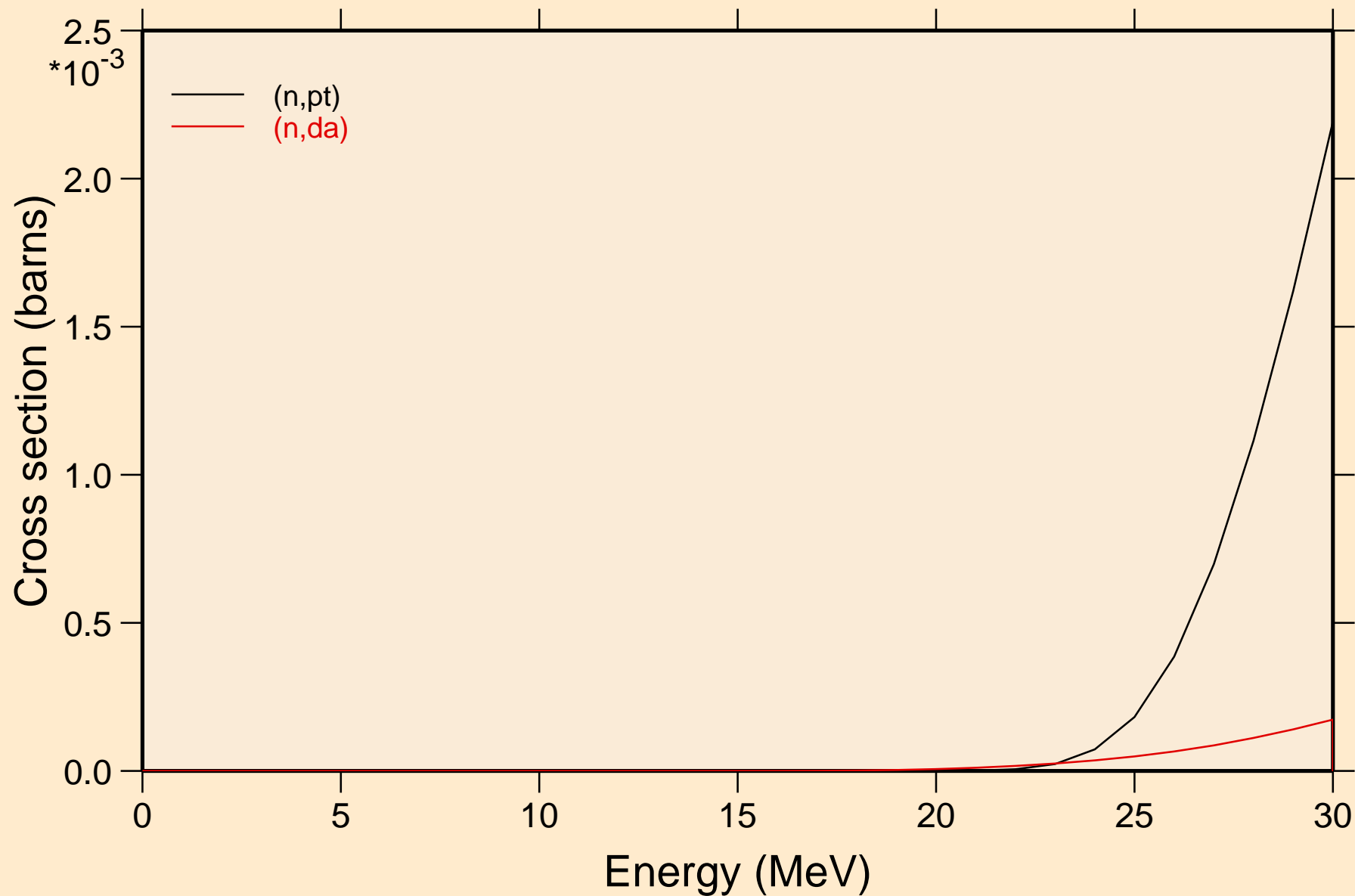


# CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

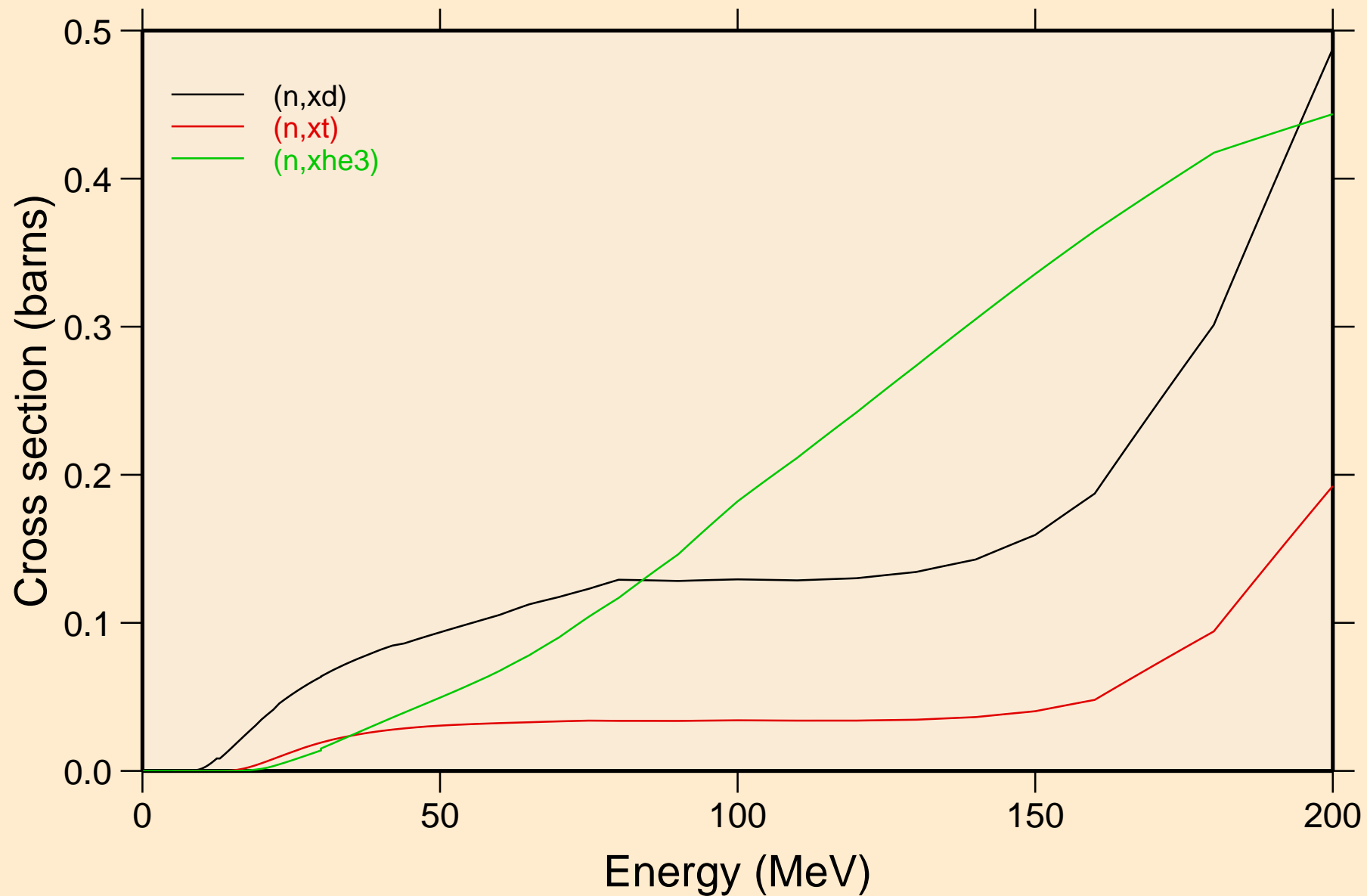
## Threshold reactions



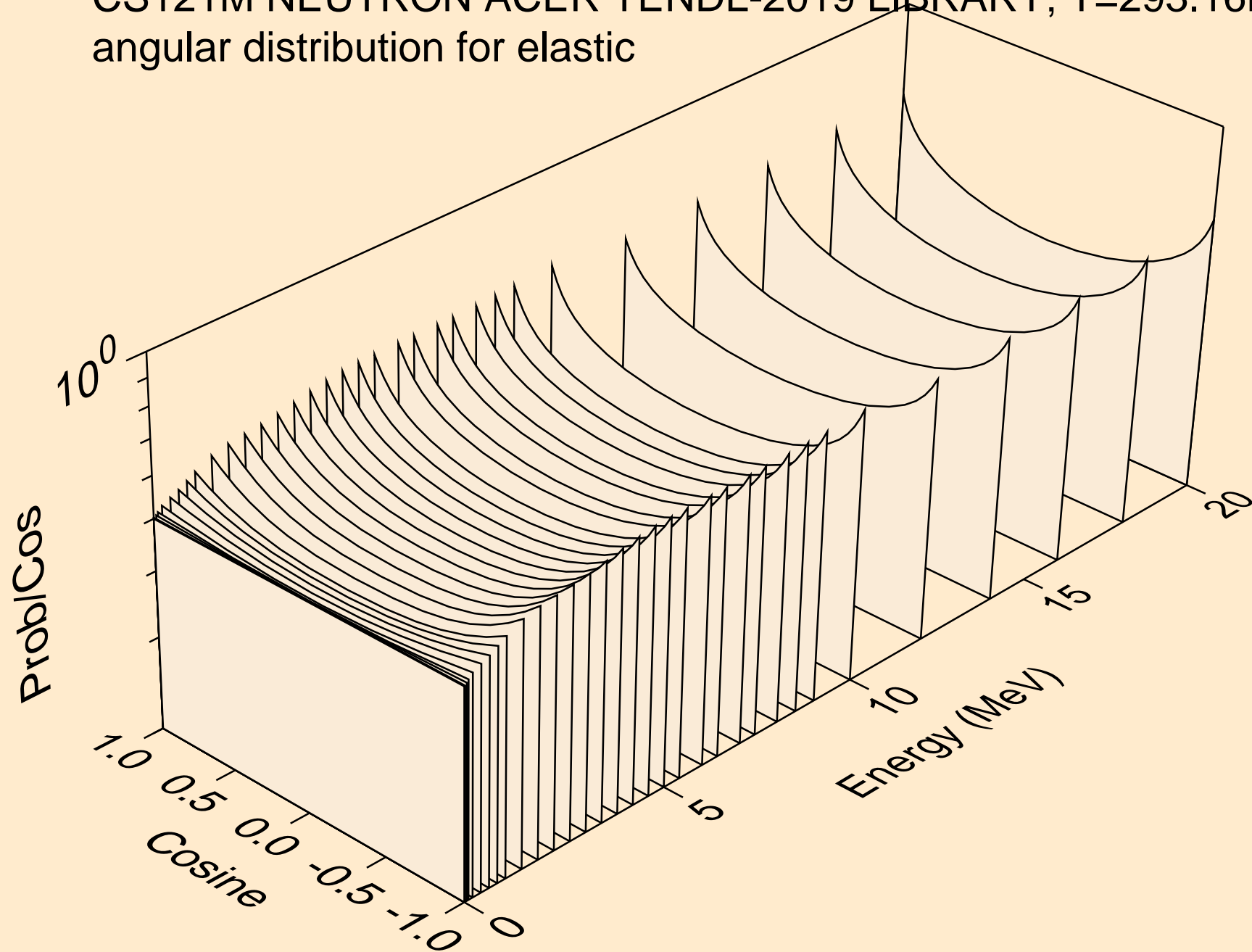
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



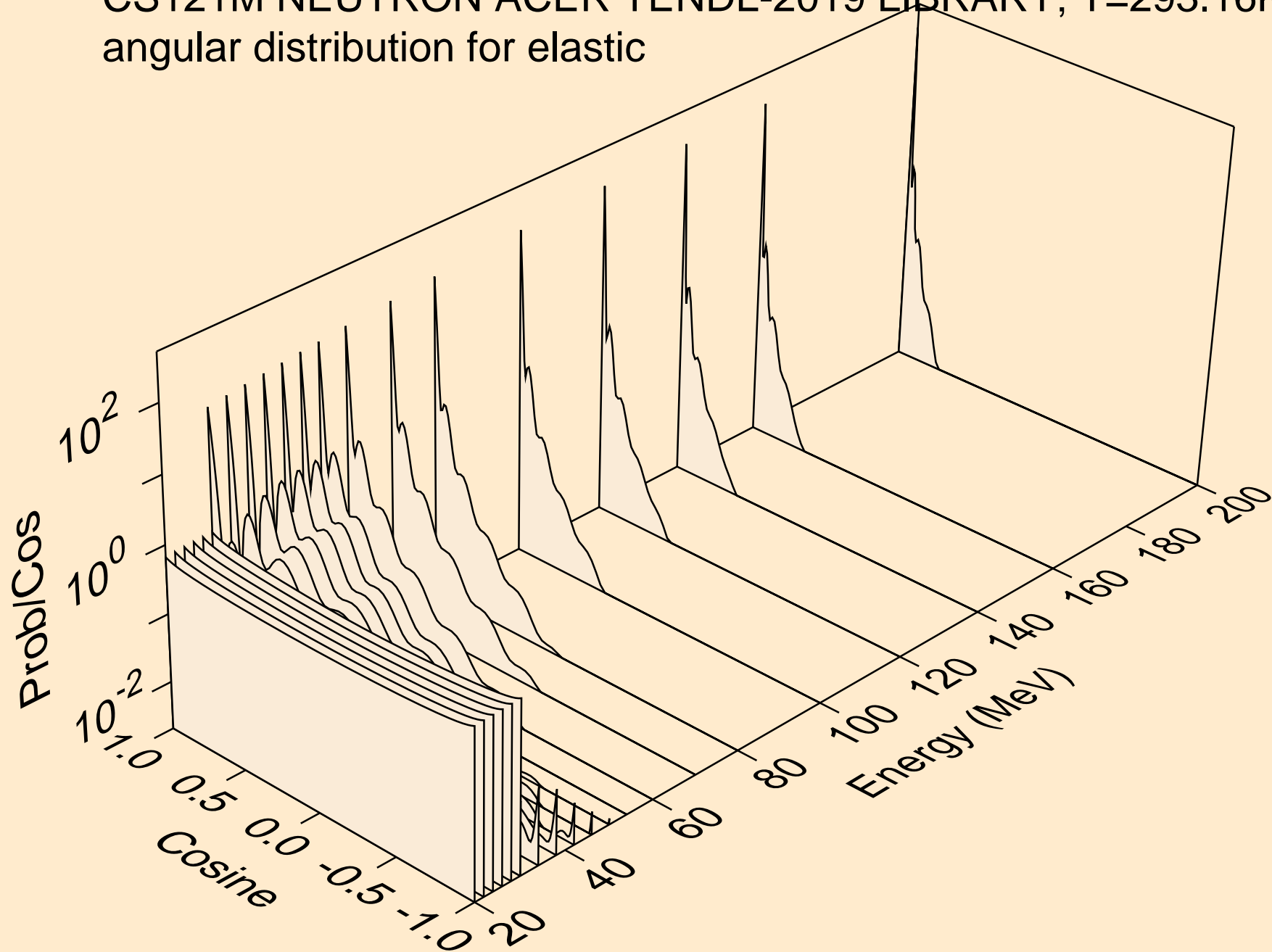
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



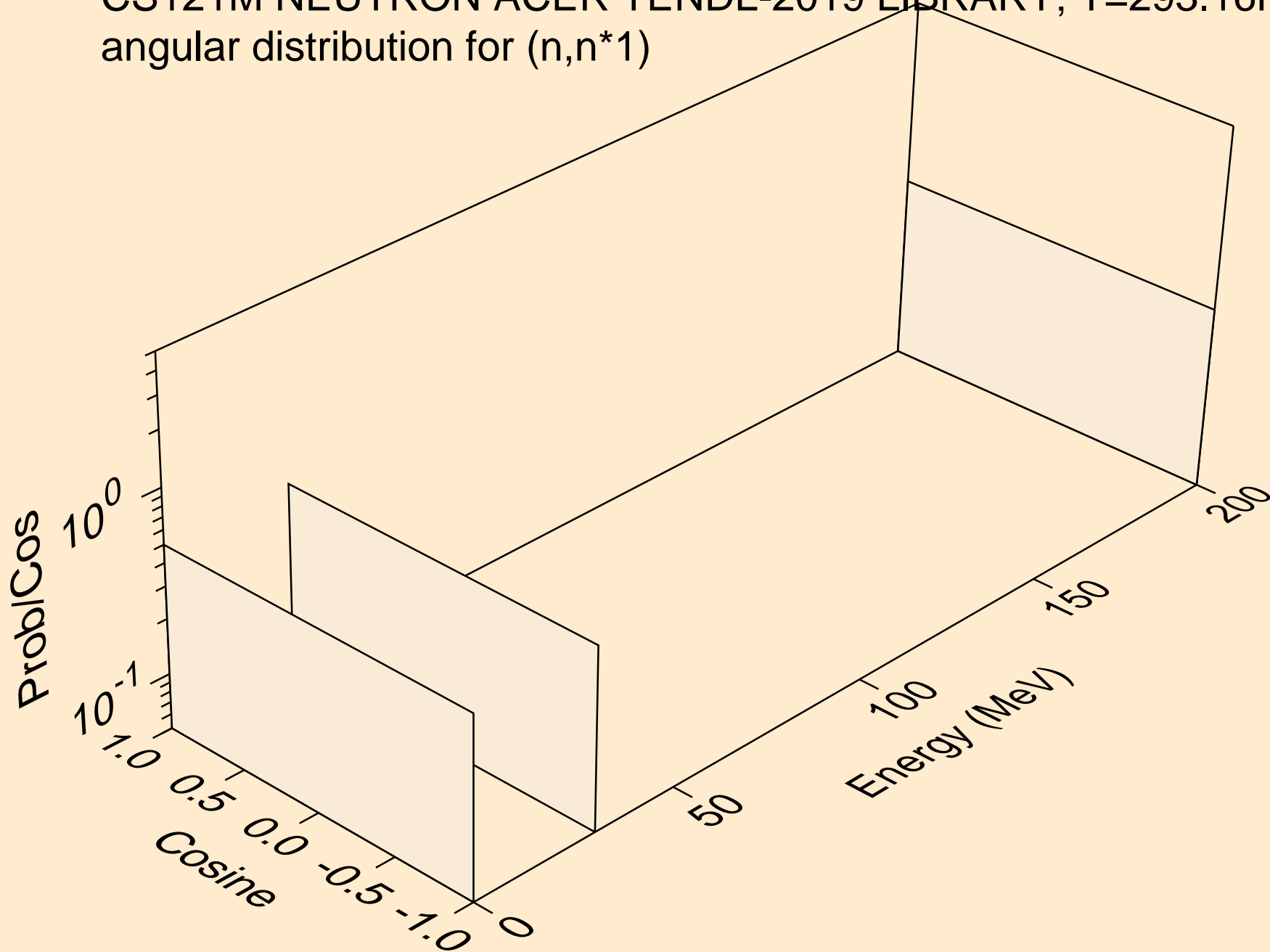
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



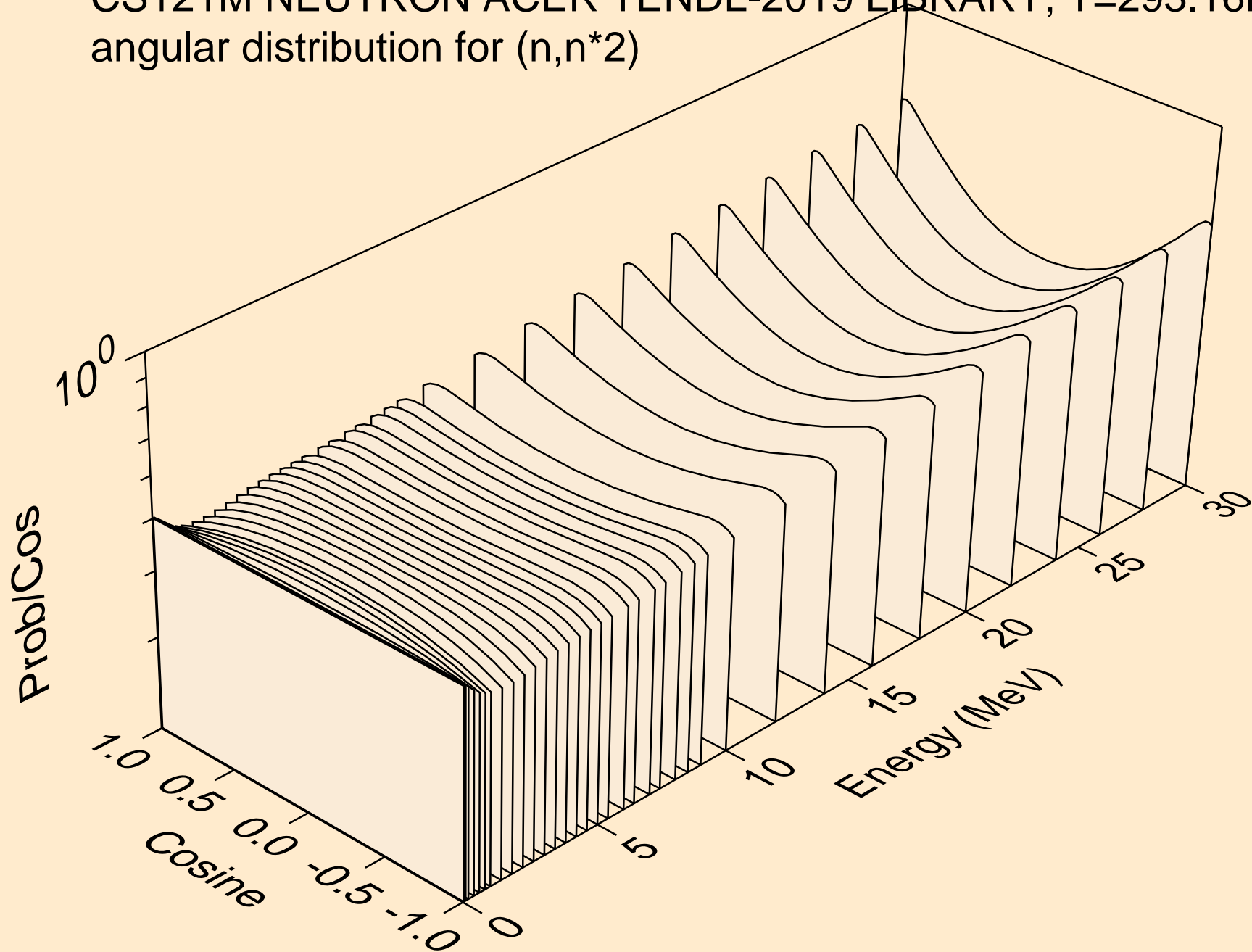
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



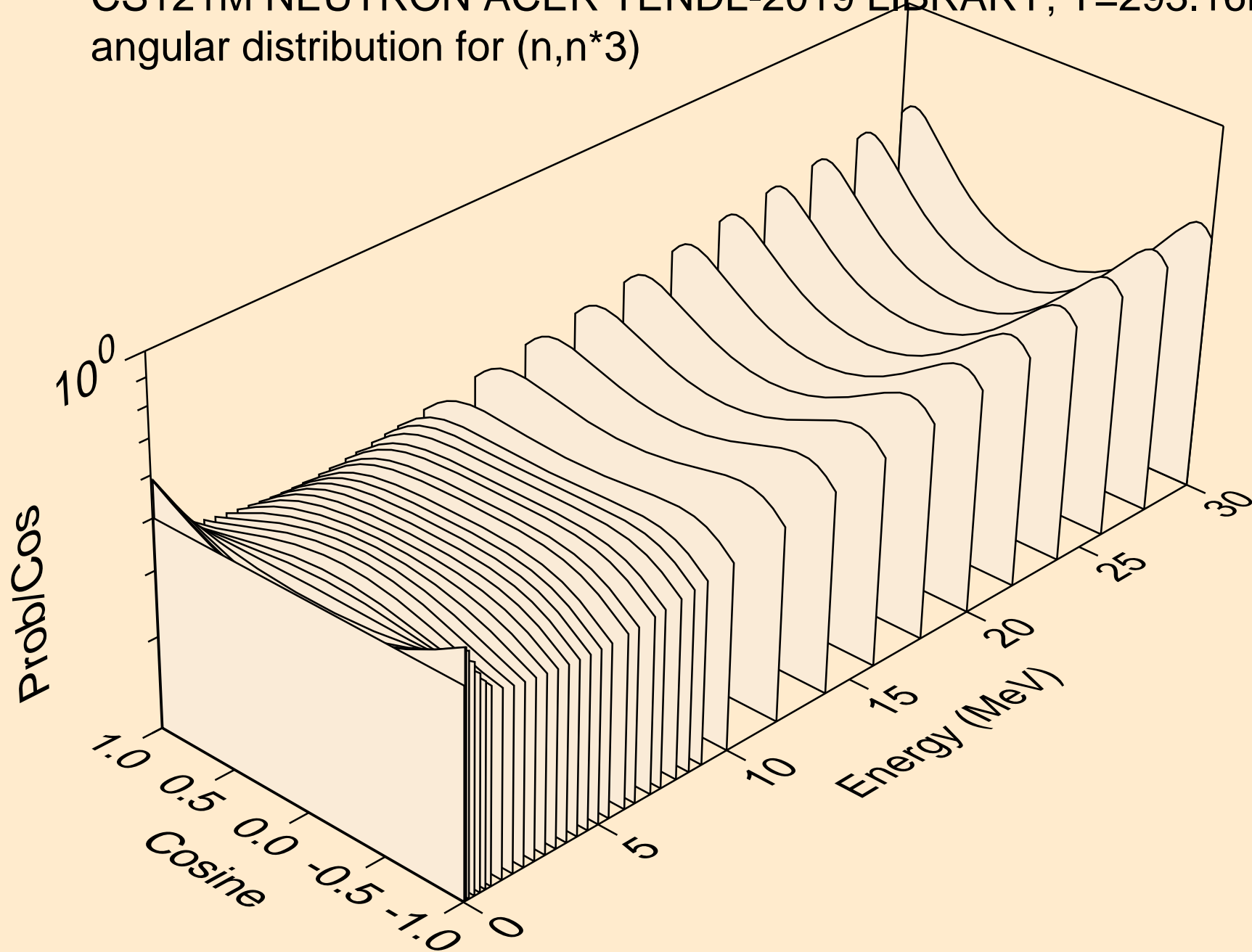
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)

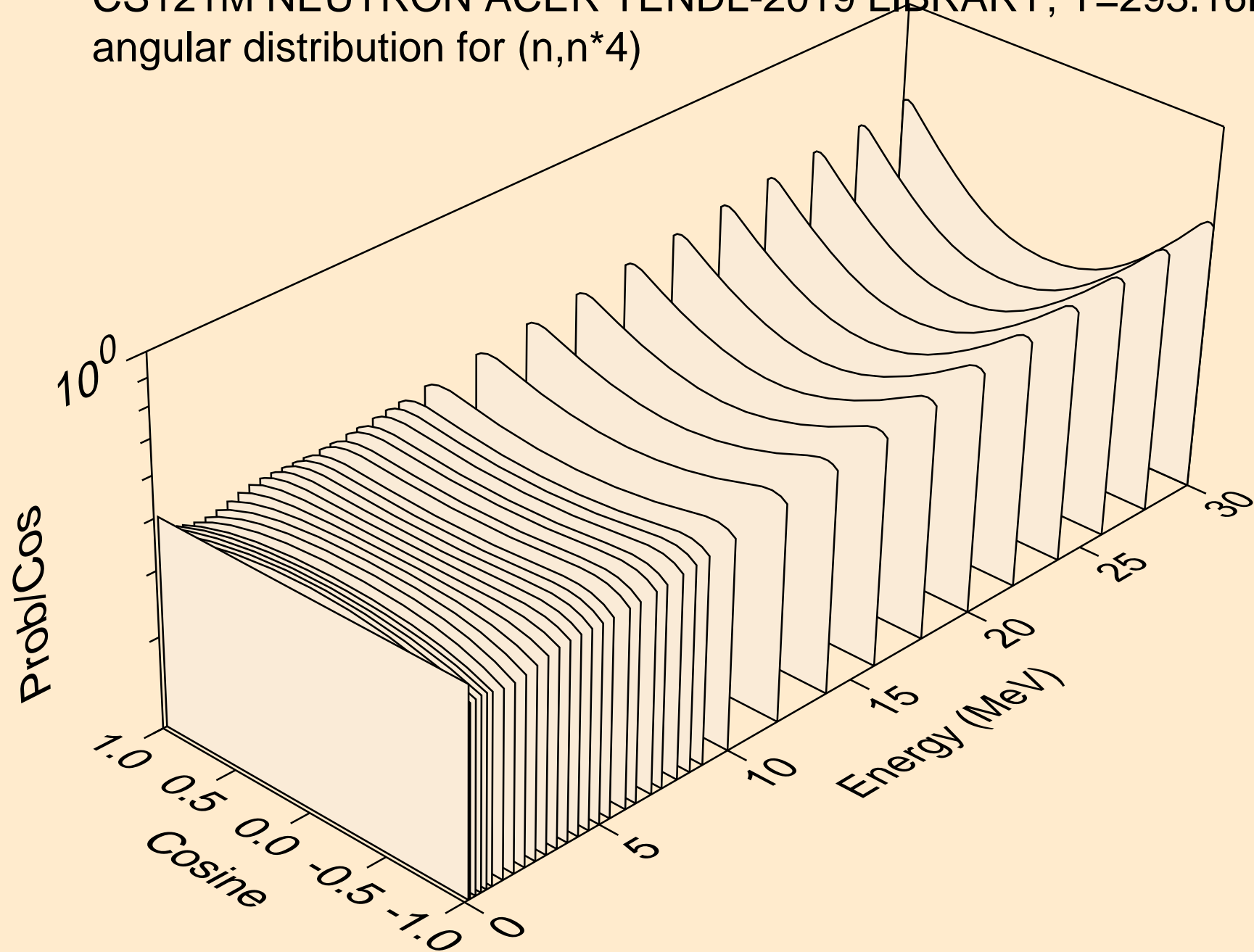


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)

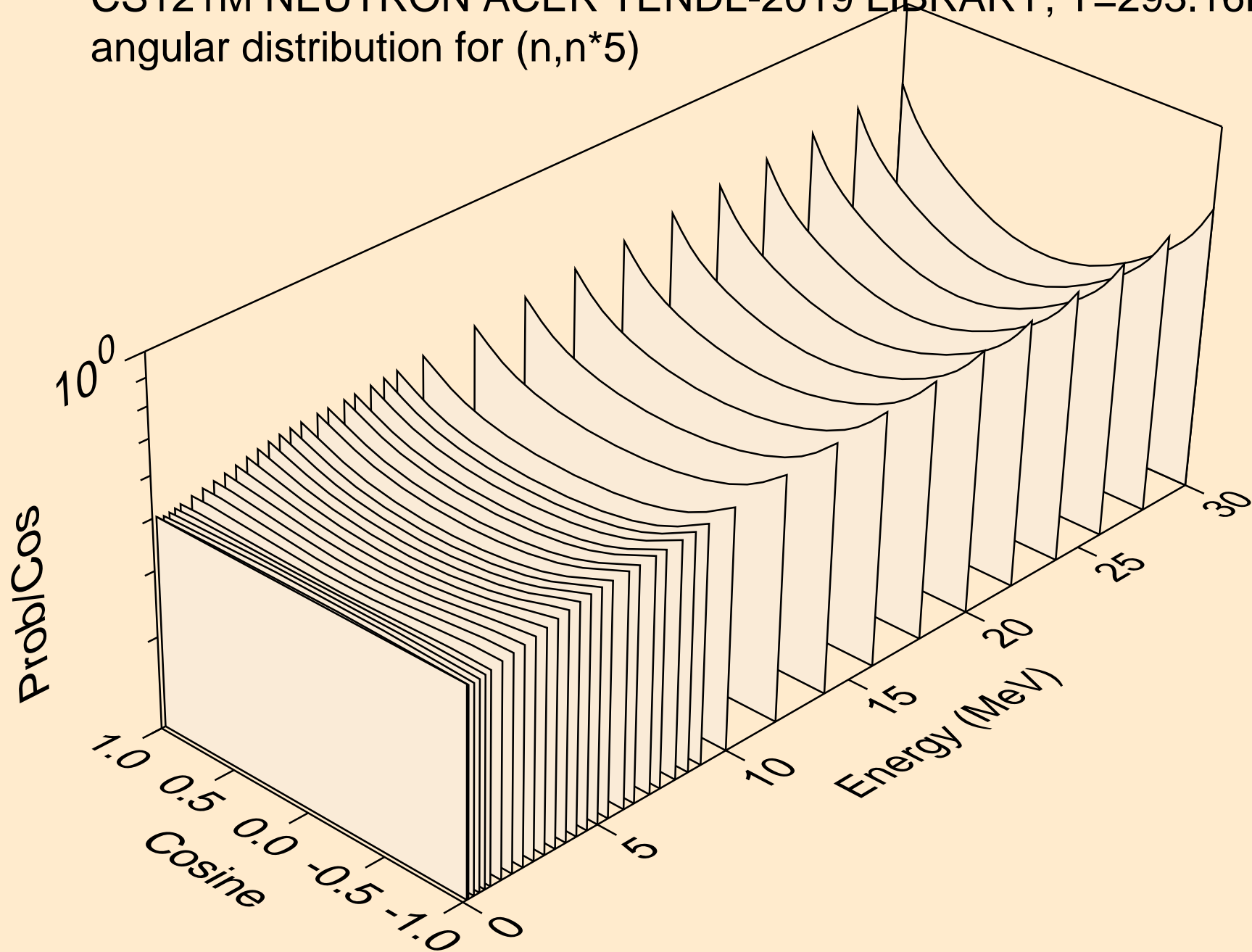




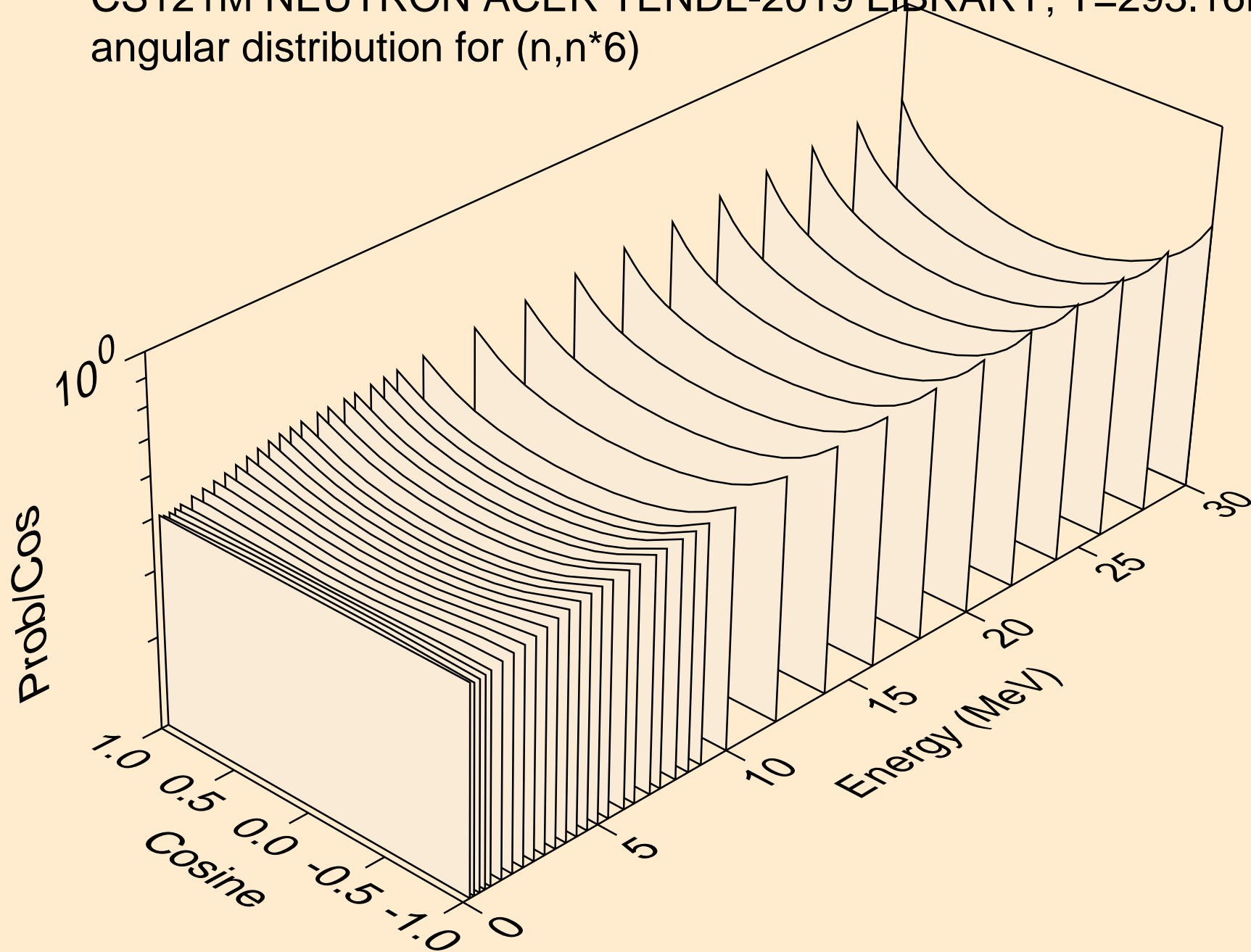
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



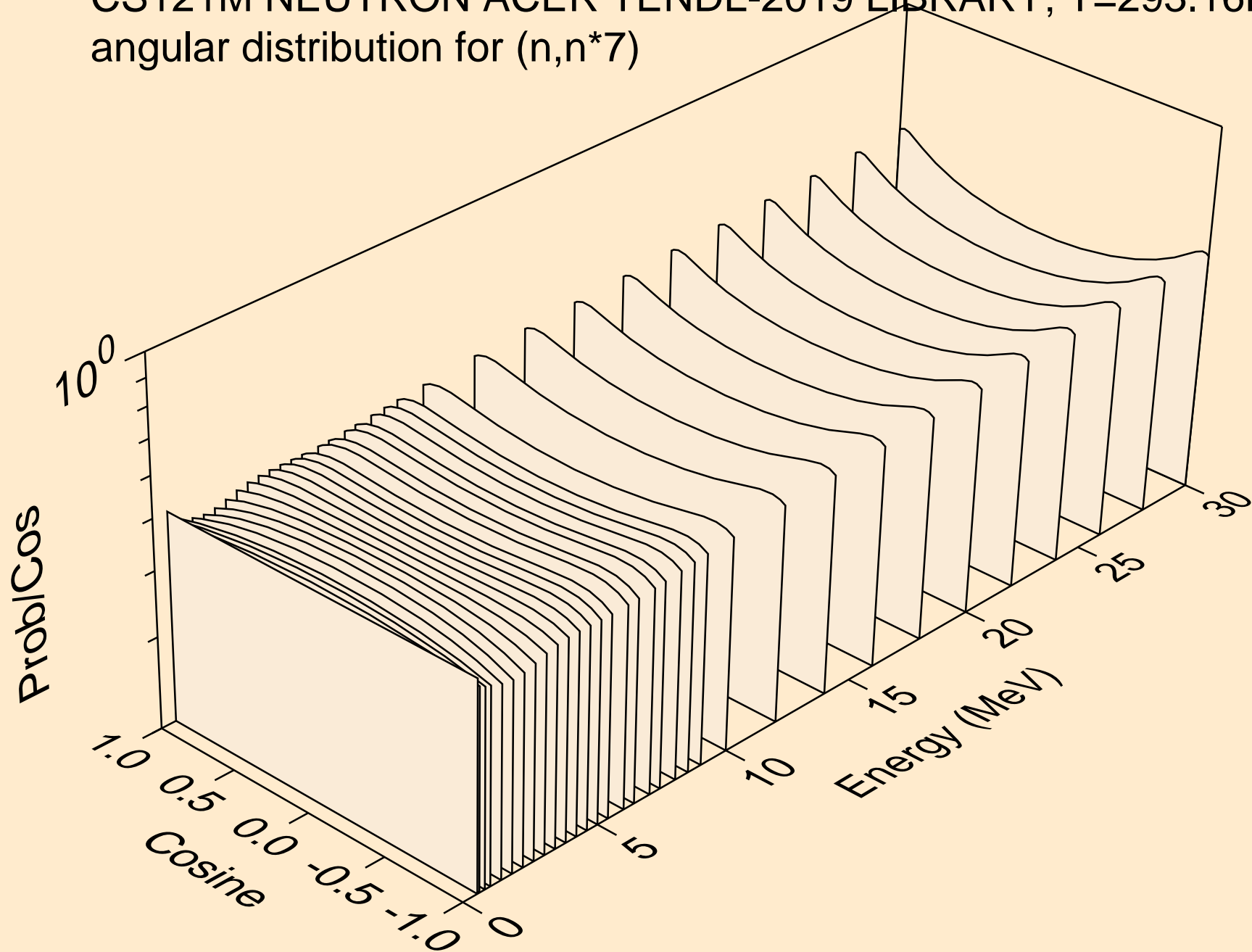
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



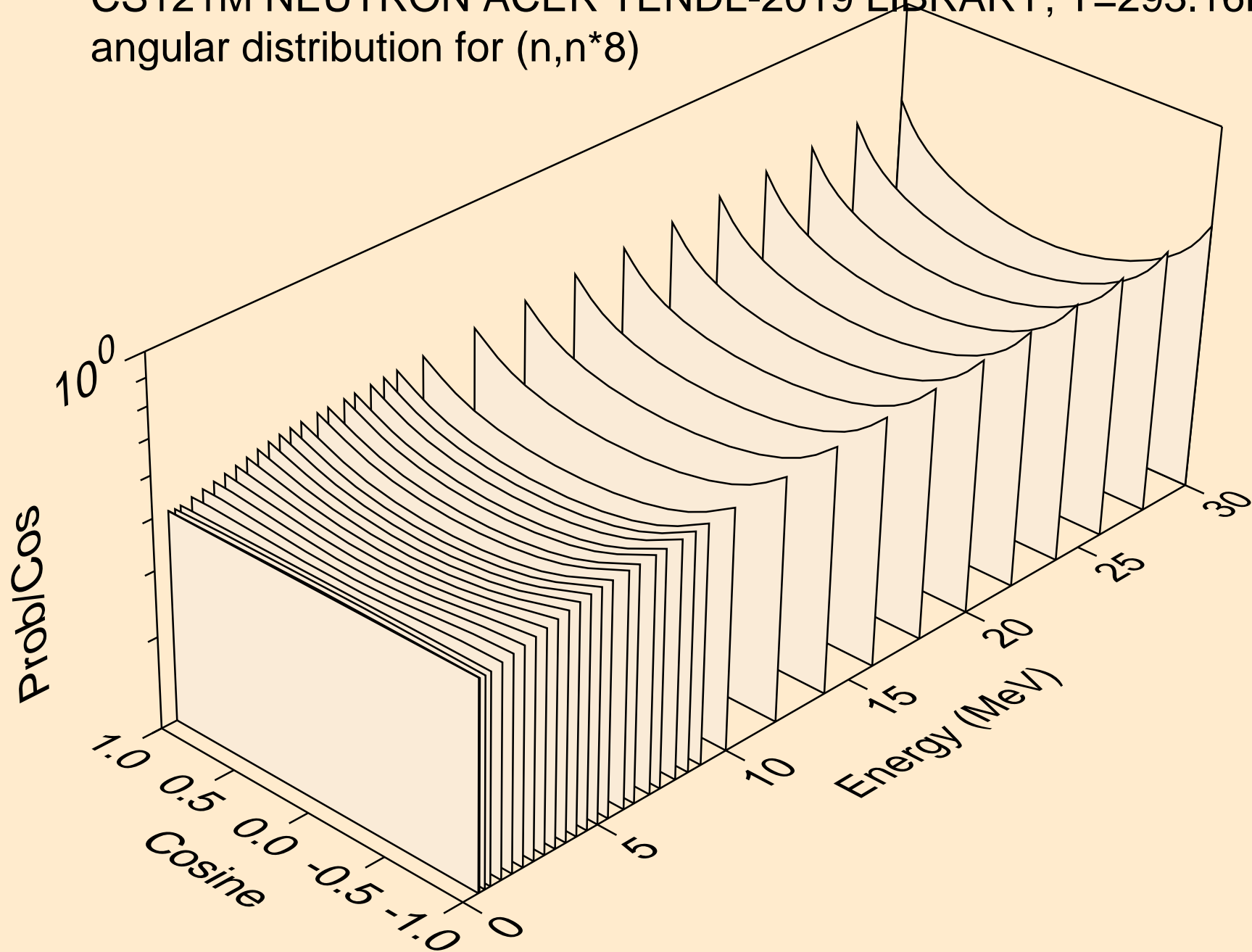
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



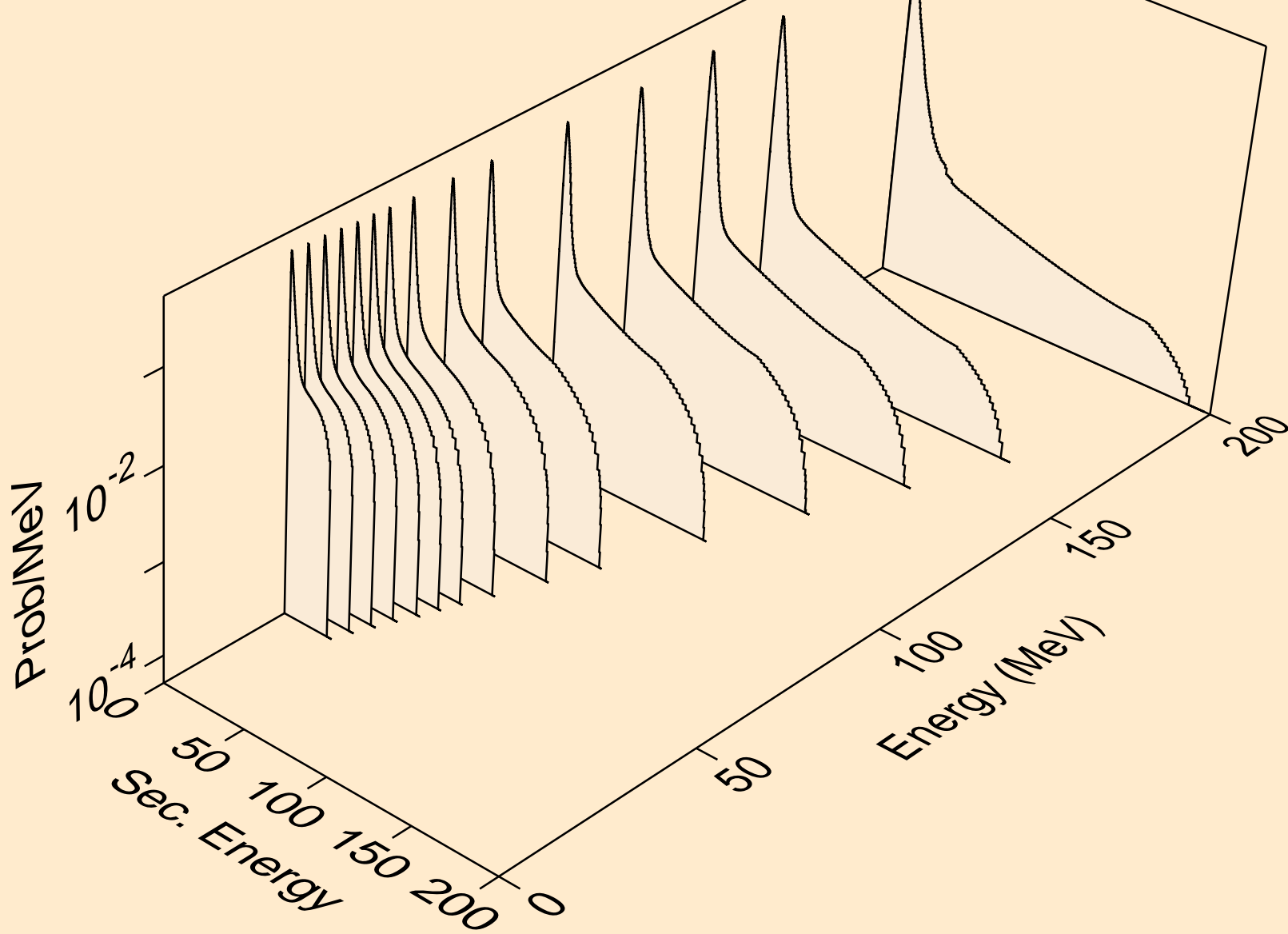
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



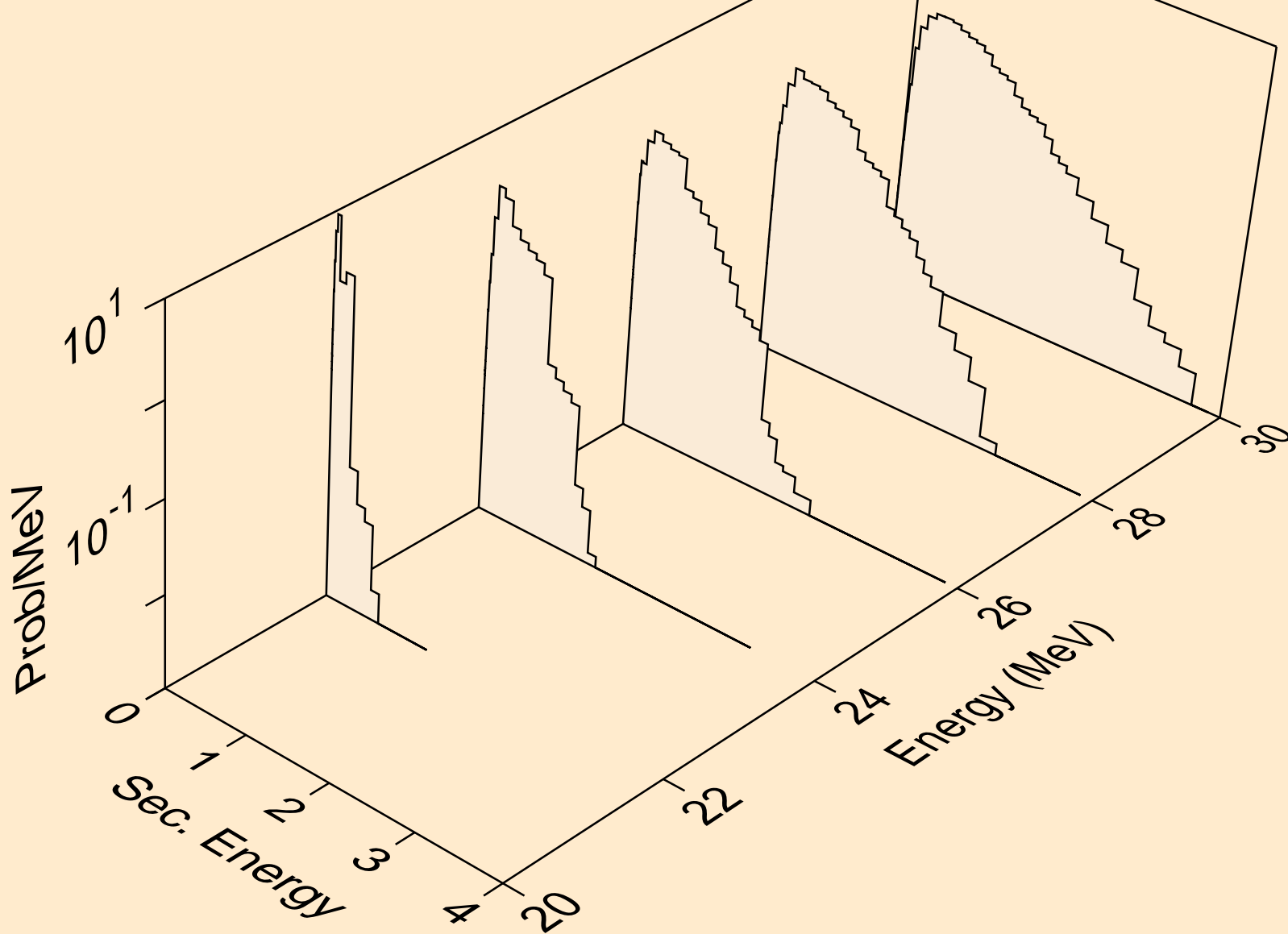
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)



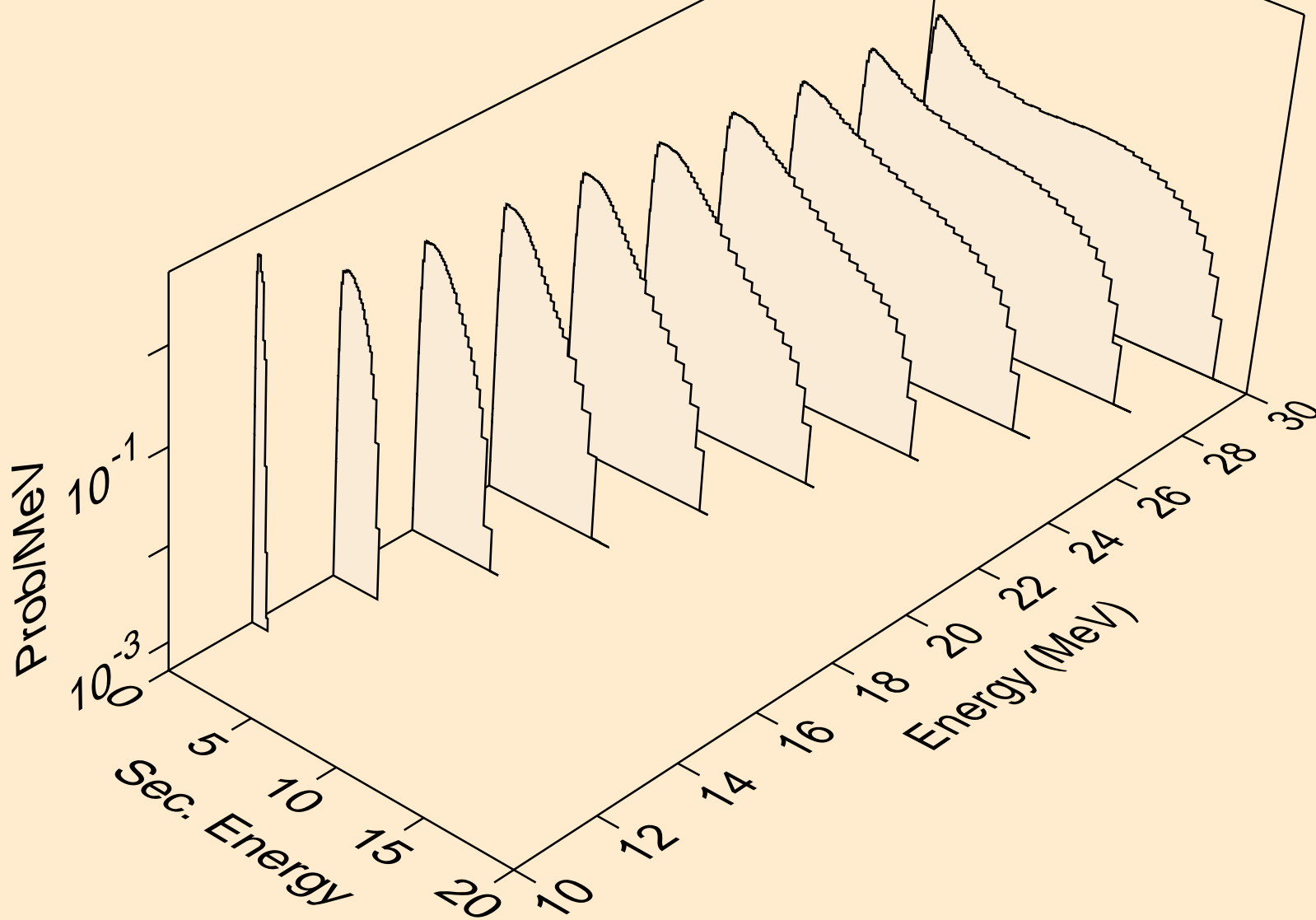
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)

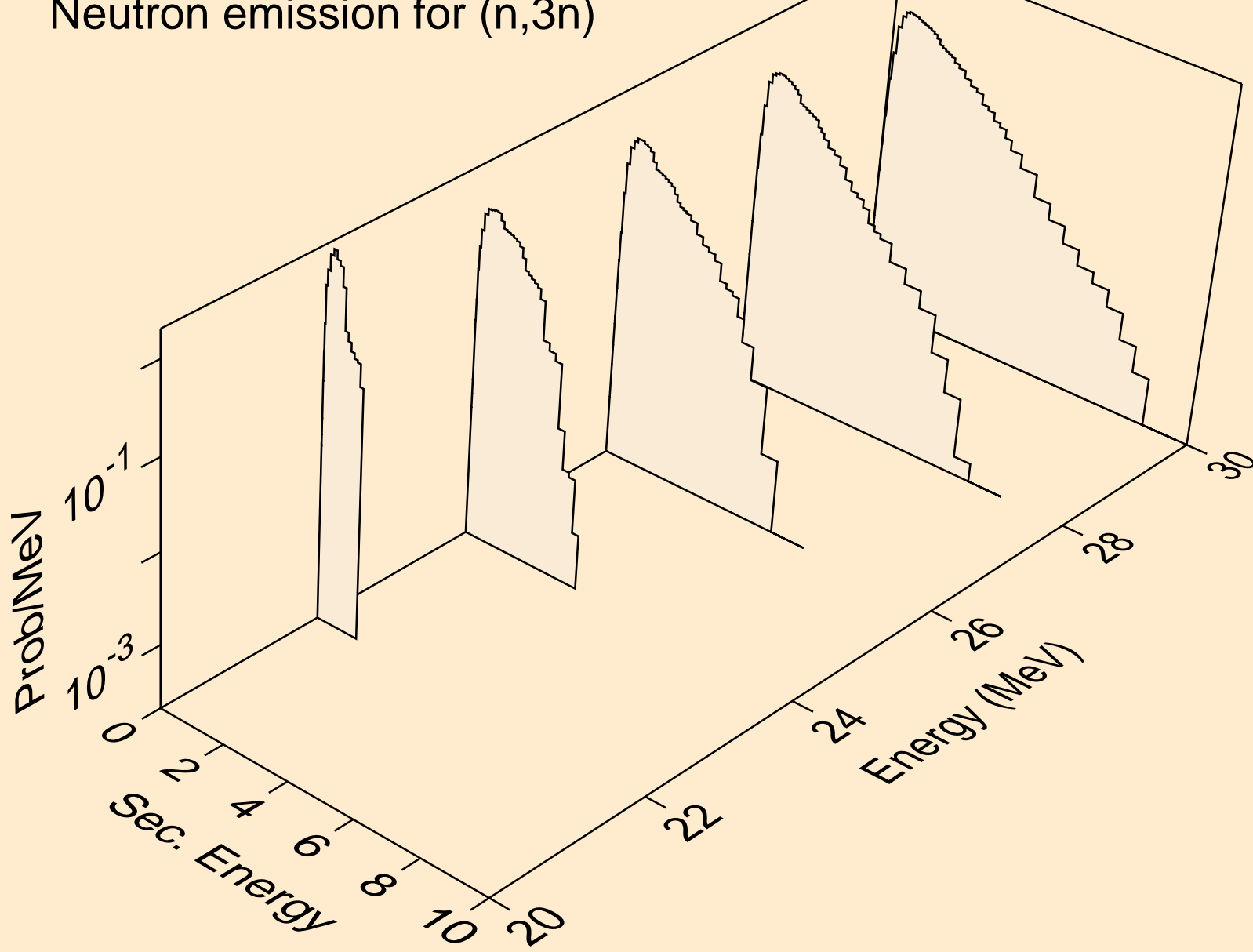


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

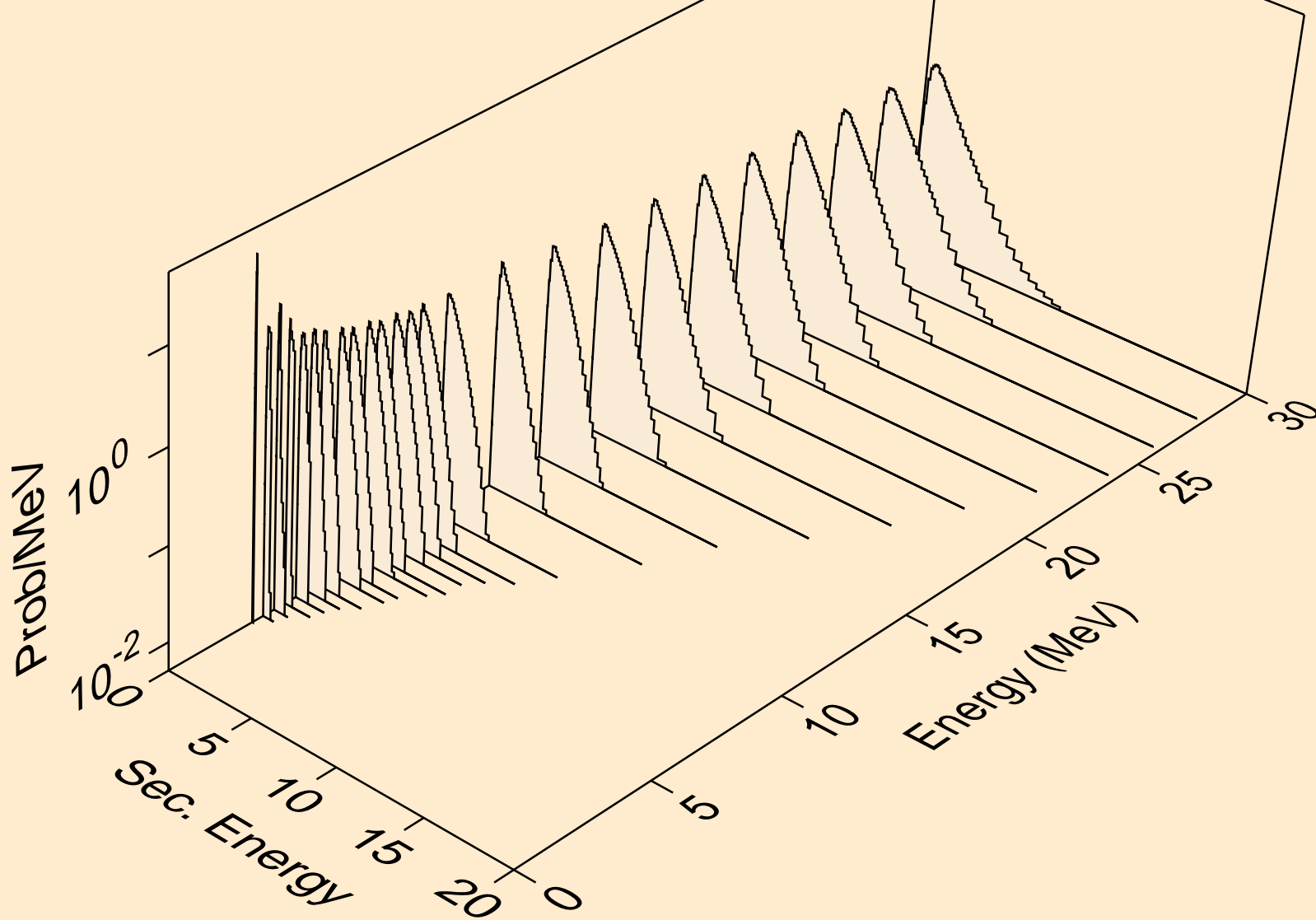




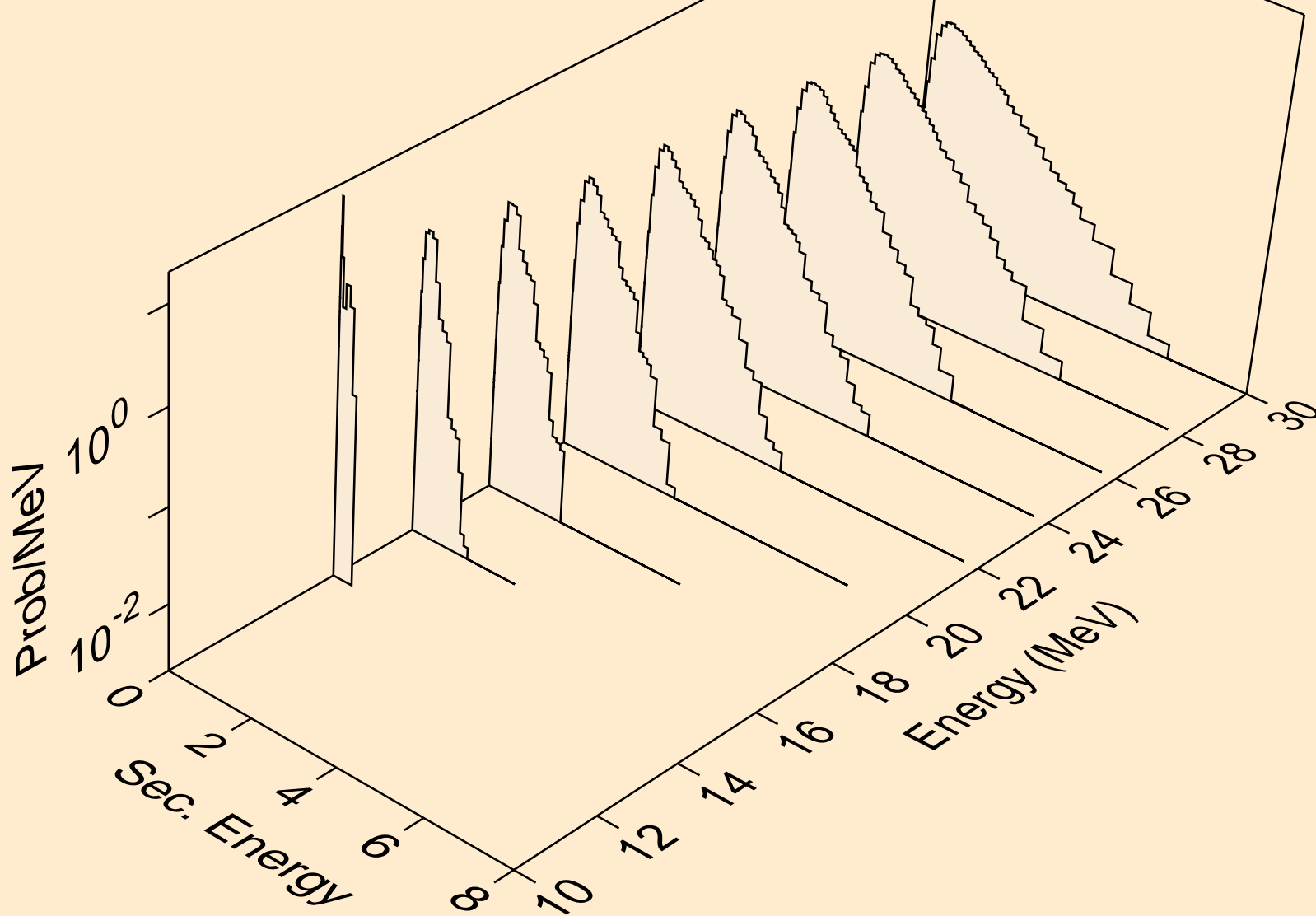
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



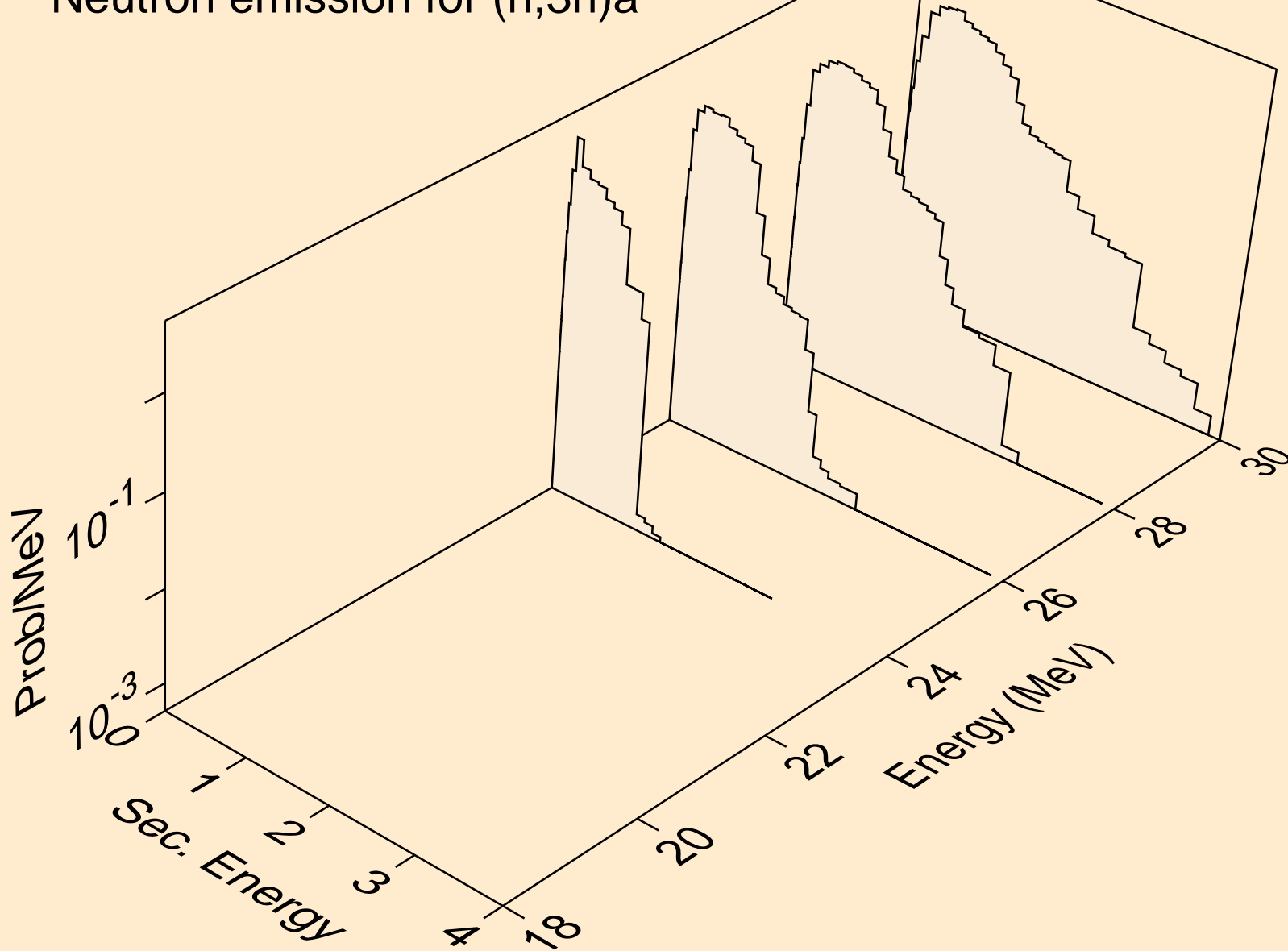
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



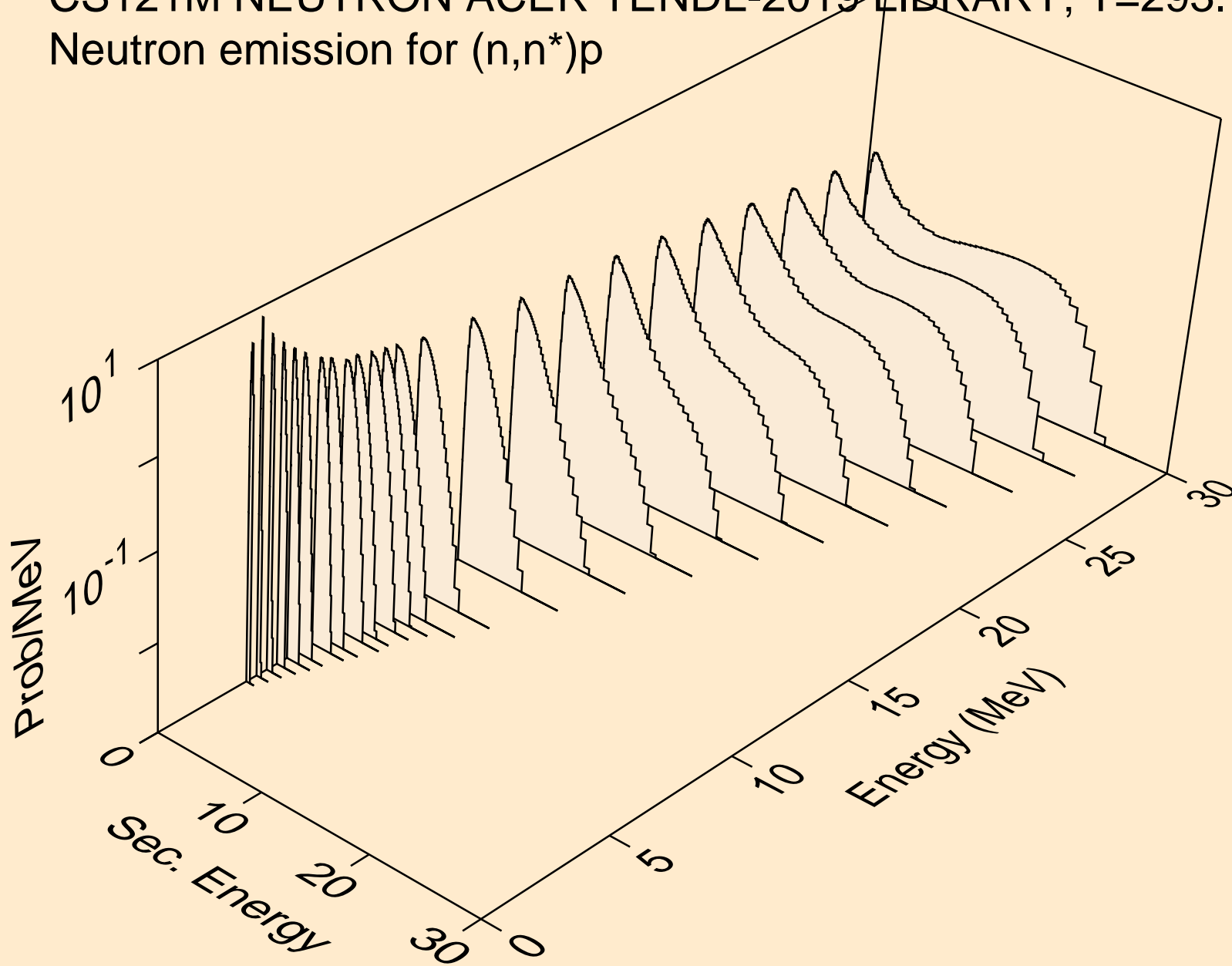
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



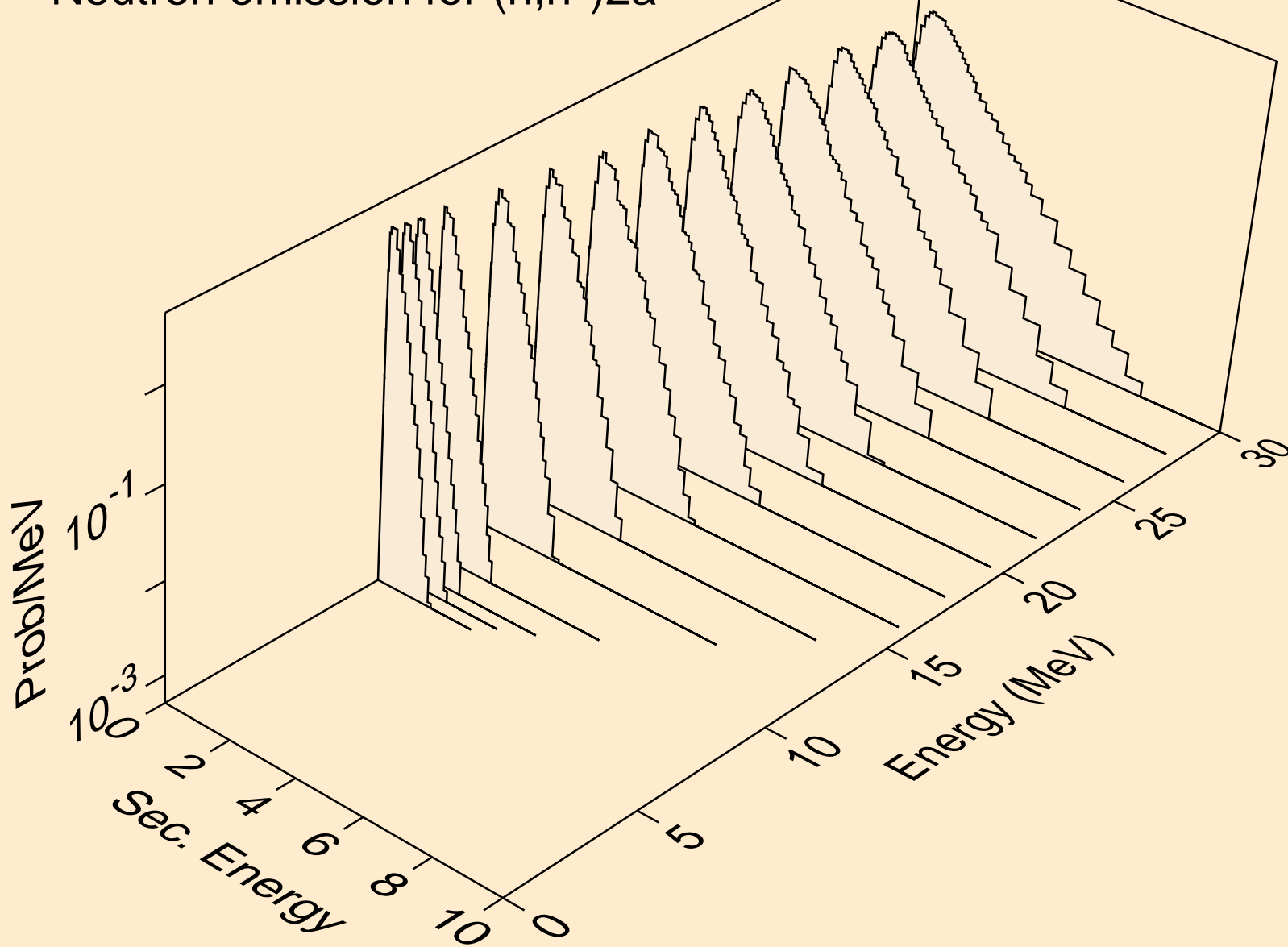
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



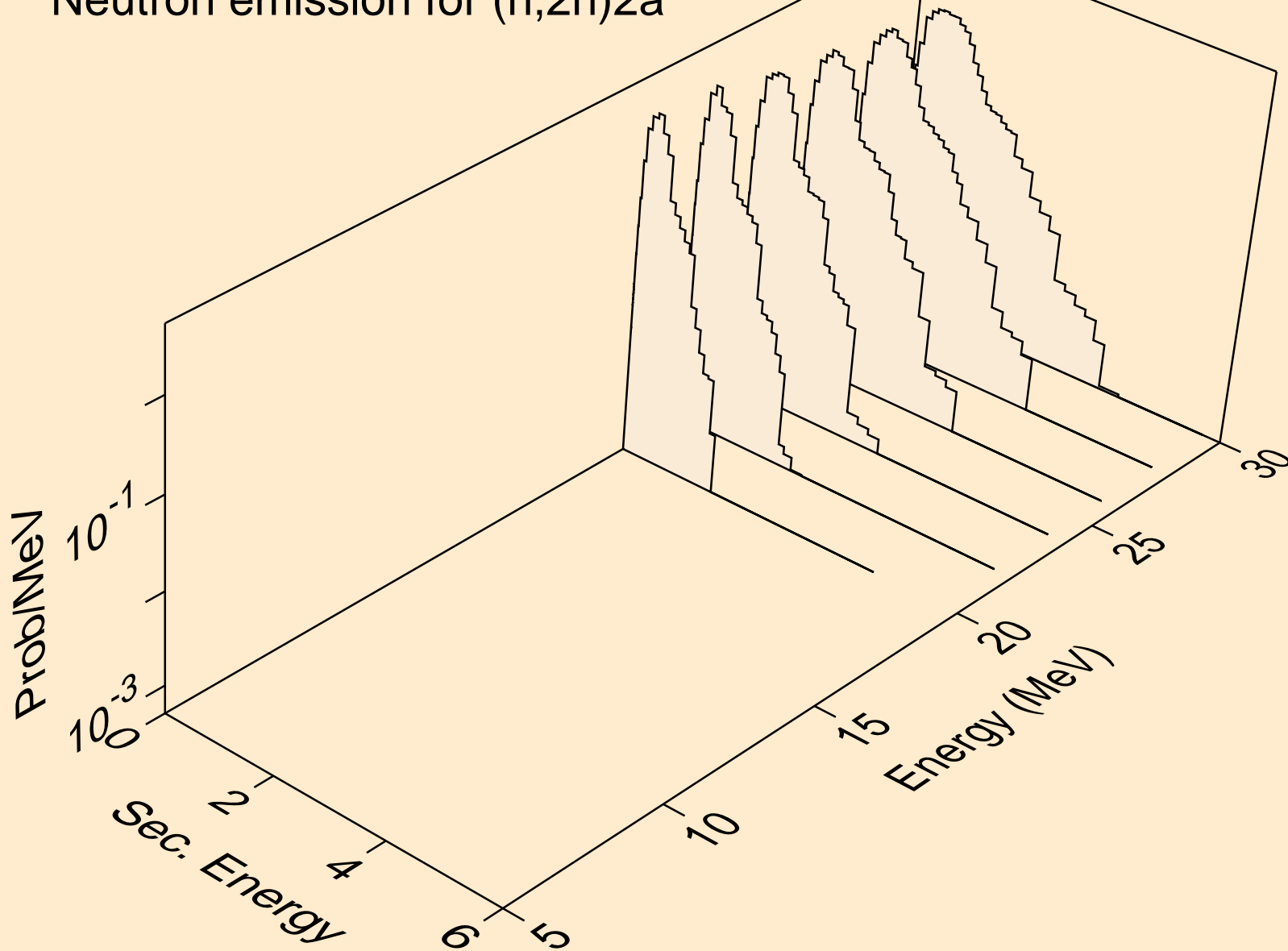
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



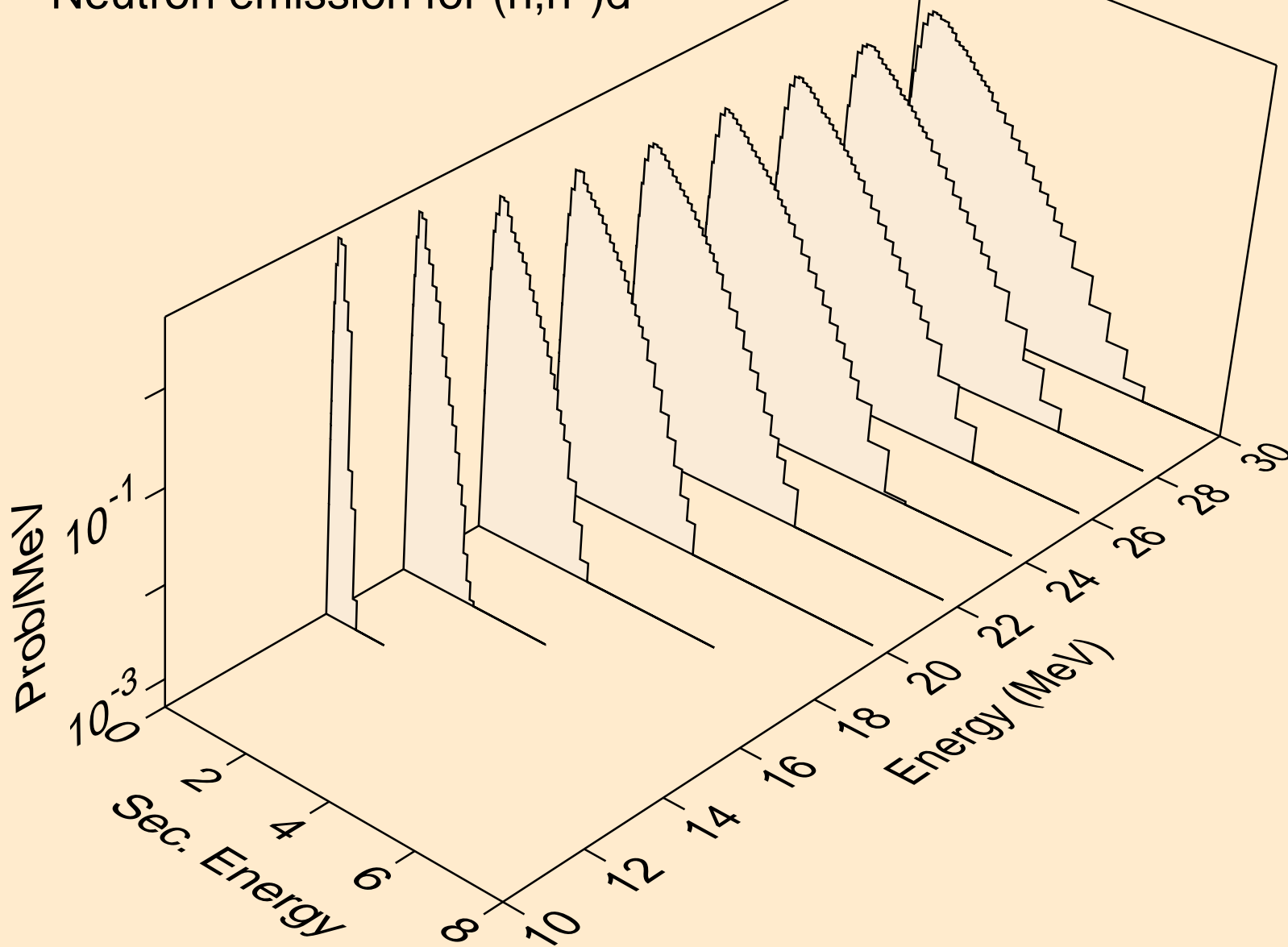
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)2a

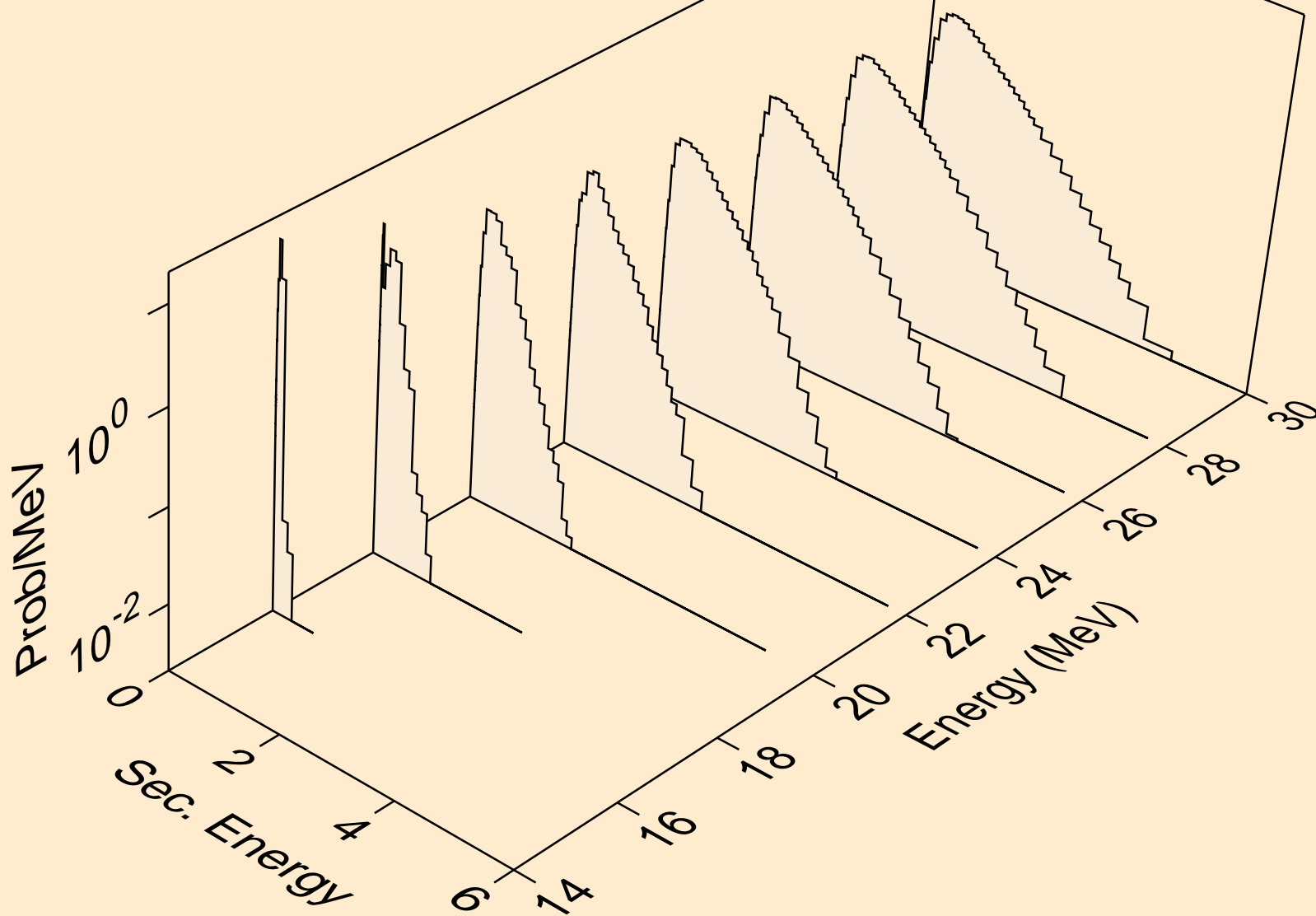


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d

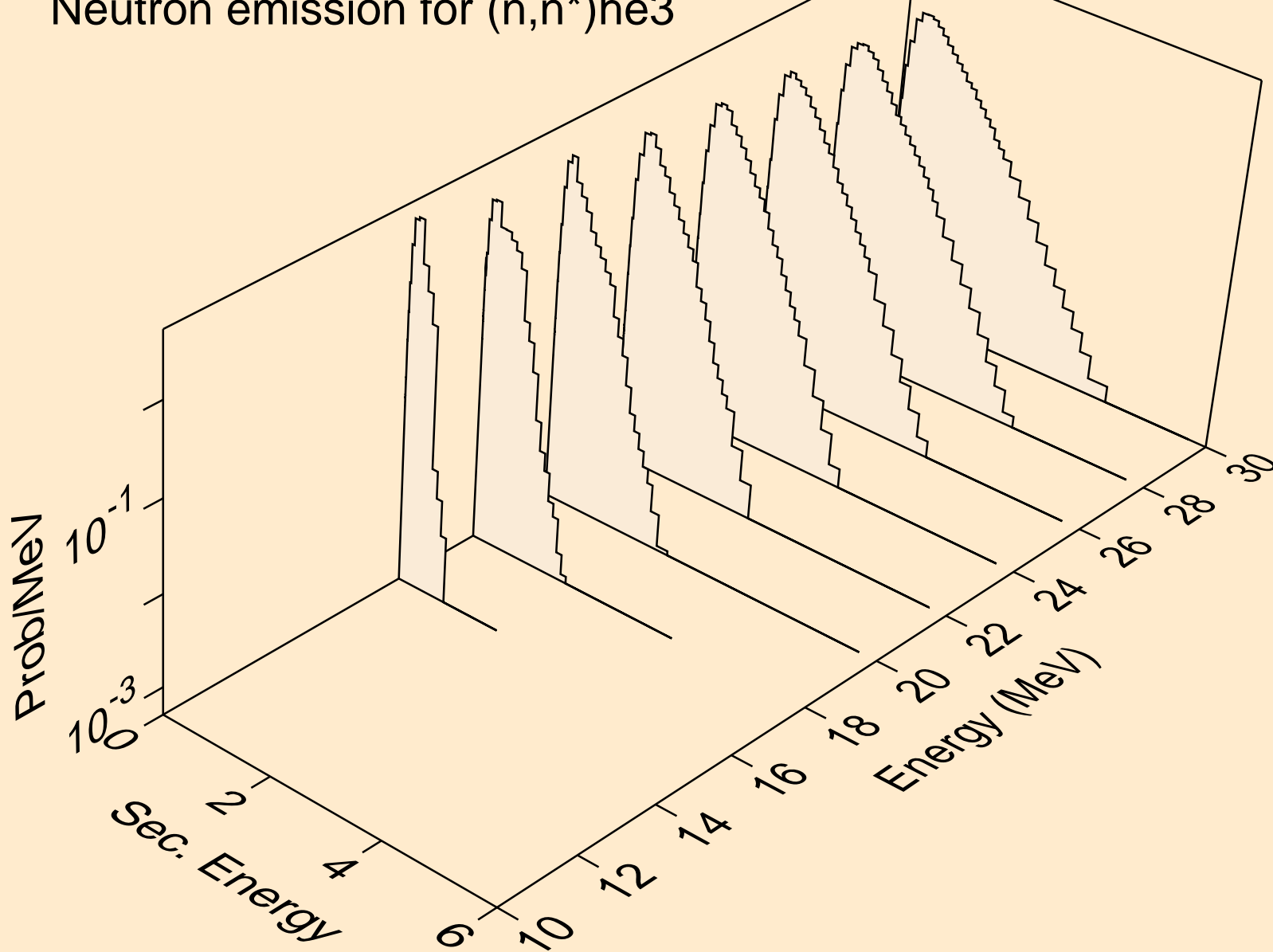




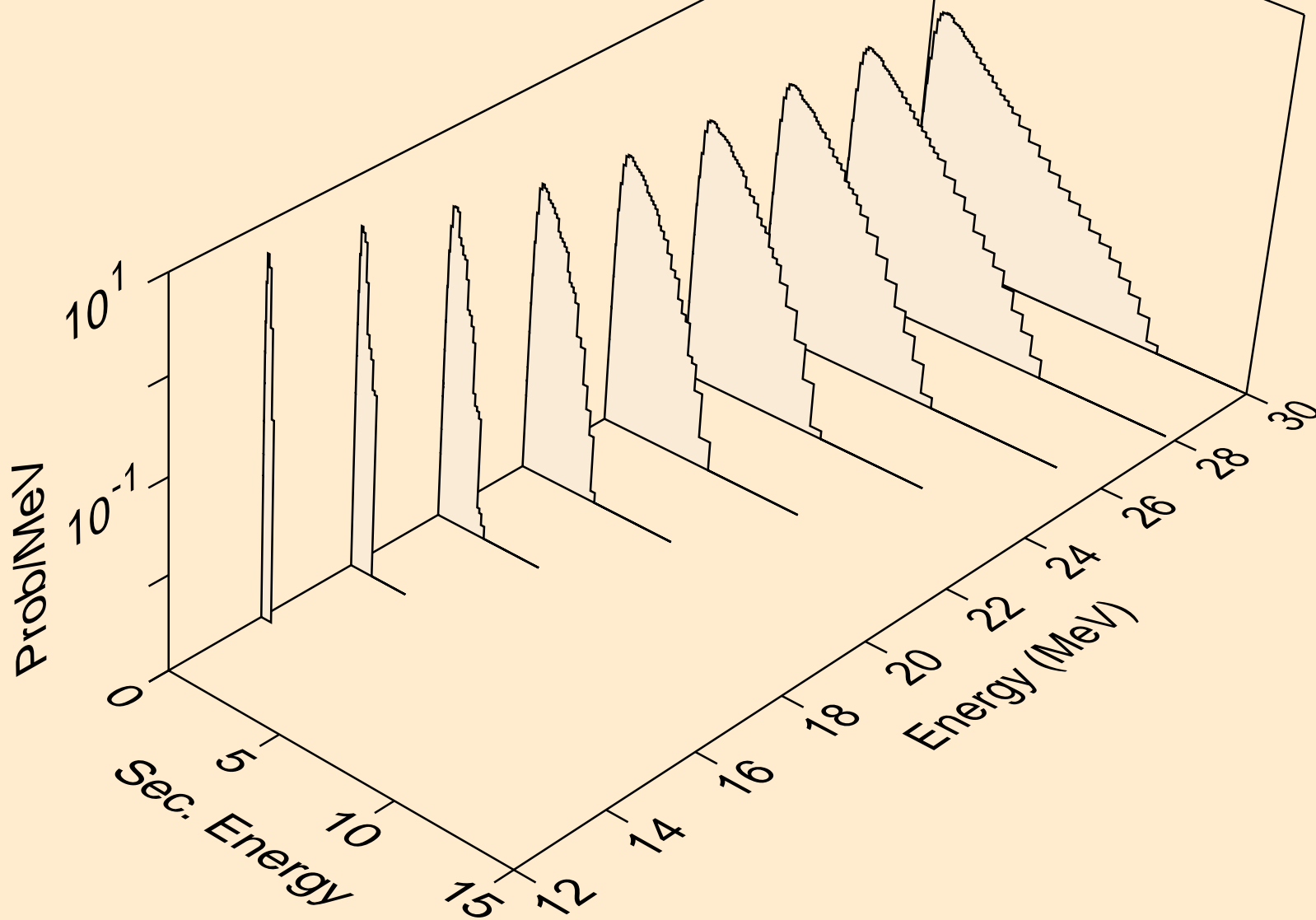
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



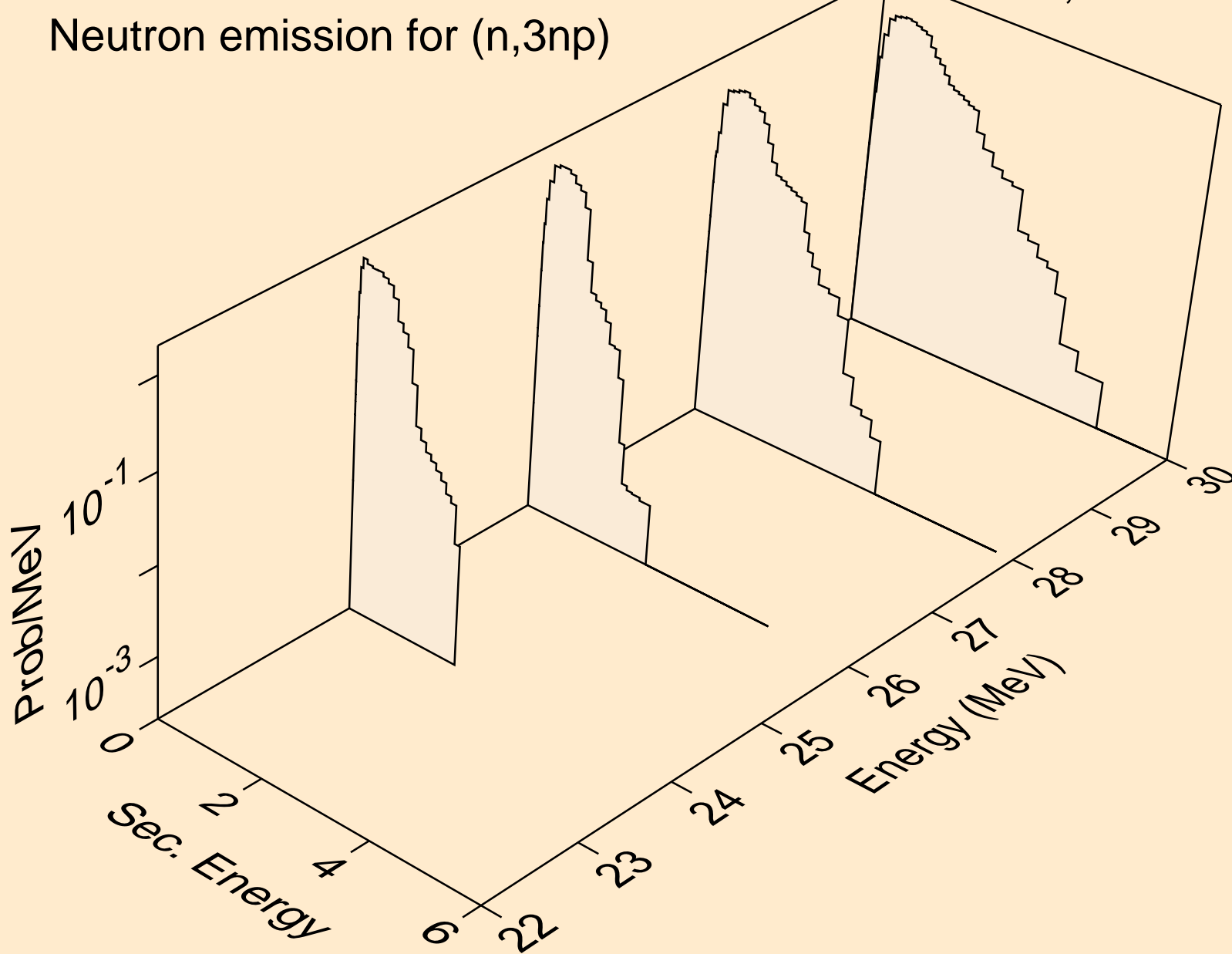
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



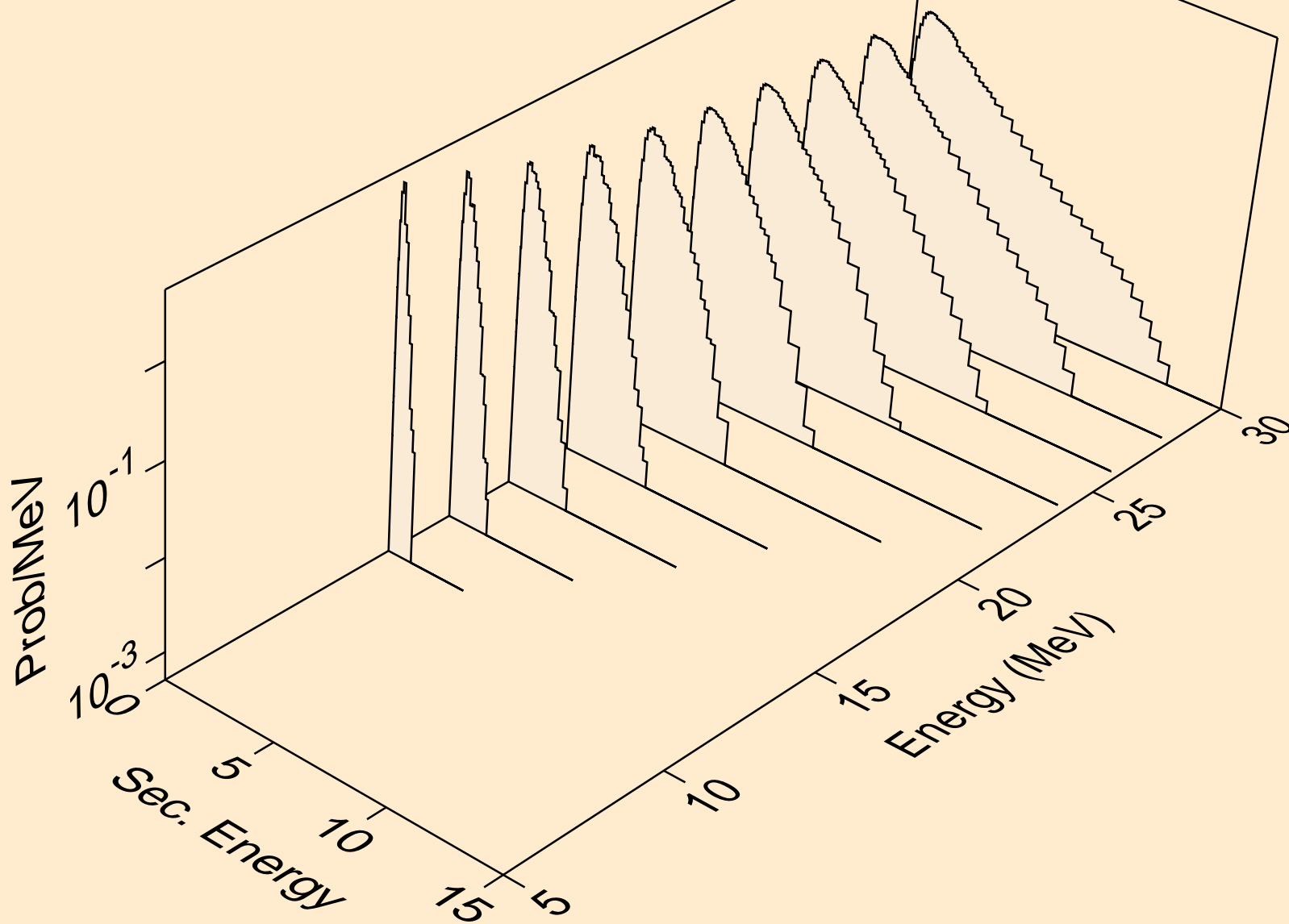
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



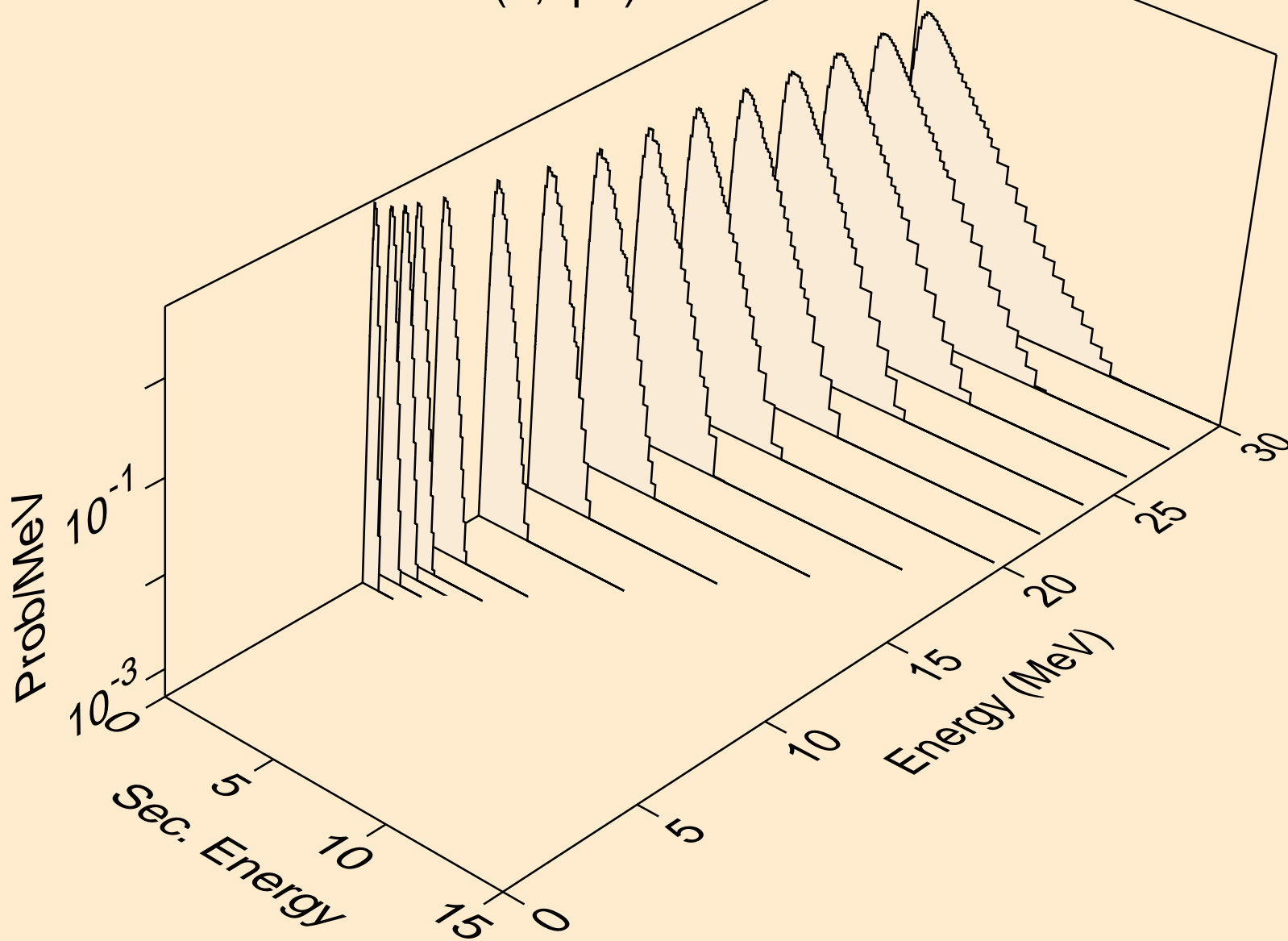
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



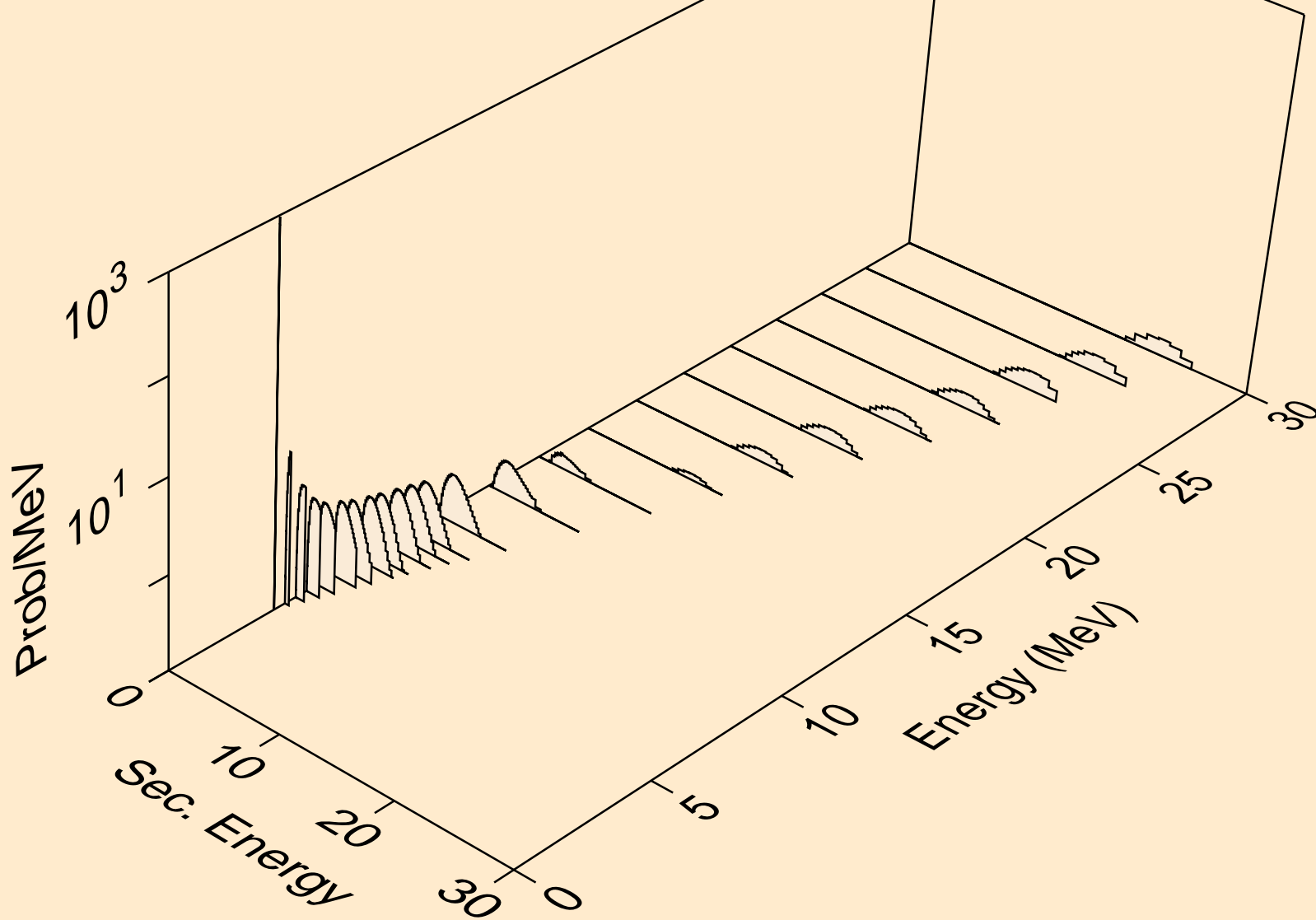
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



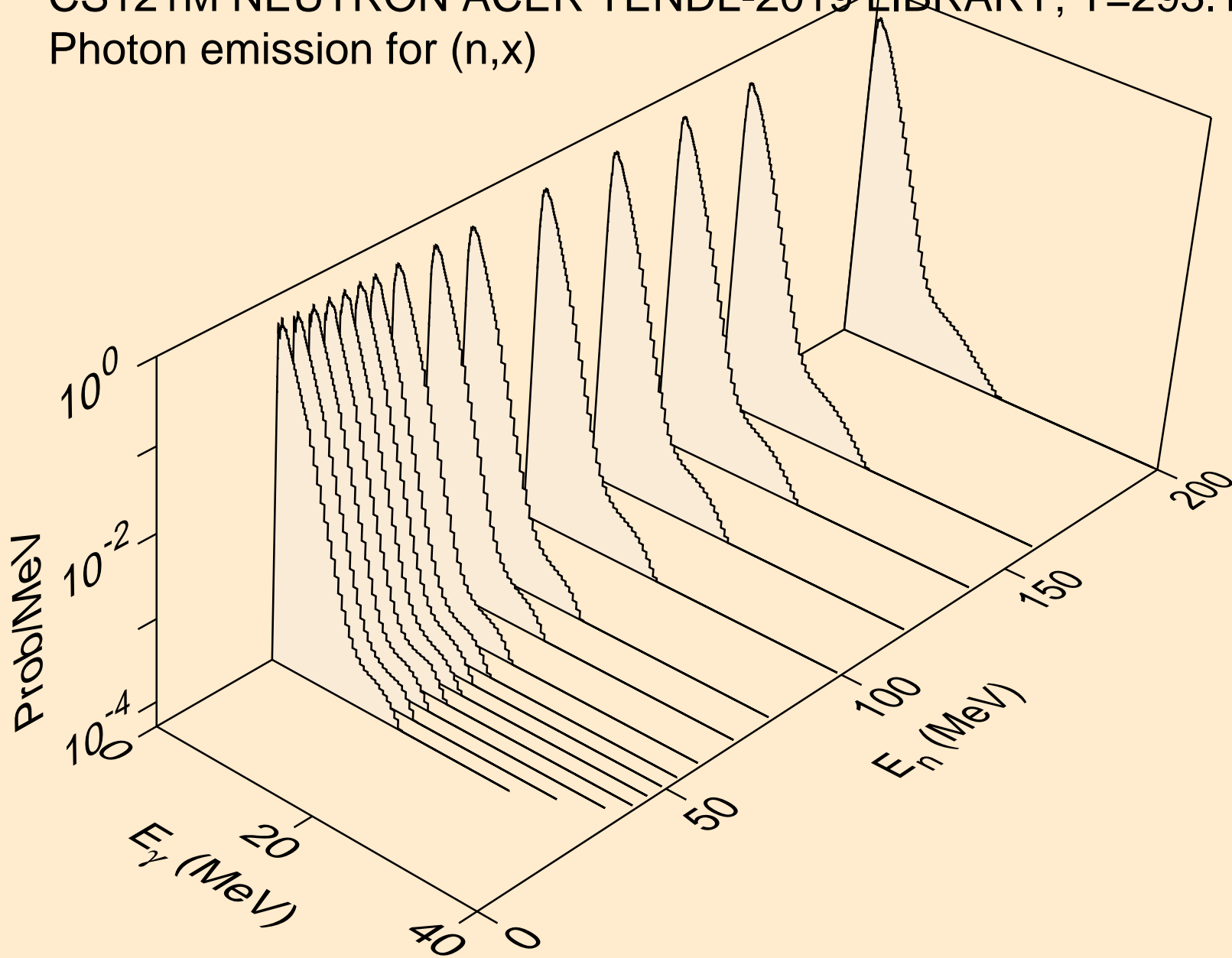
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)

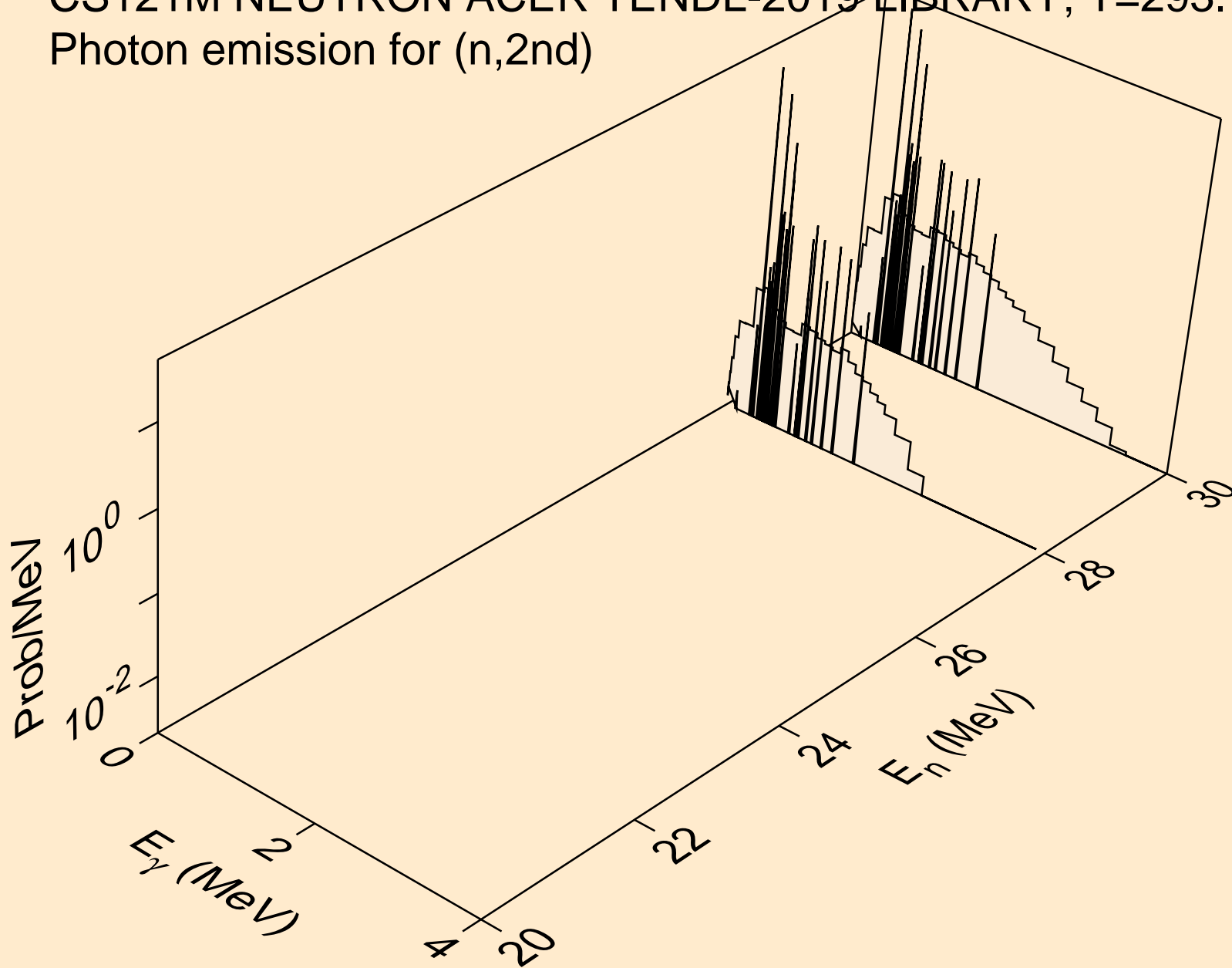


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)

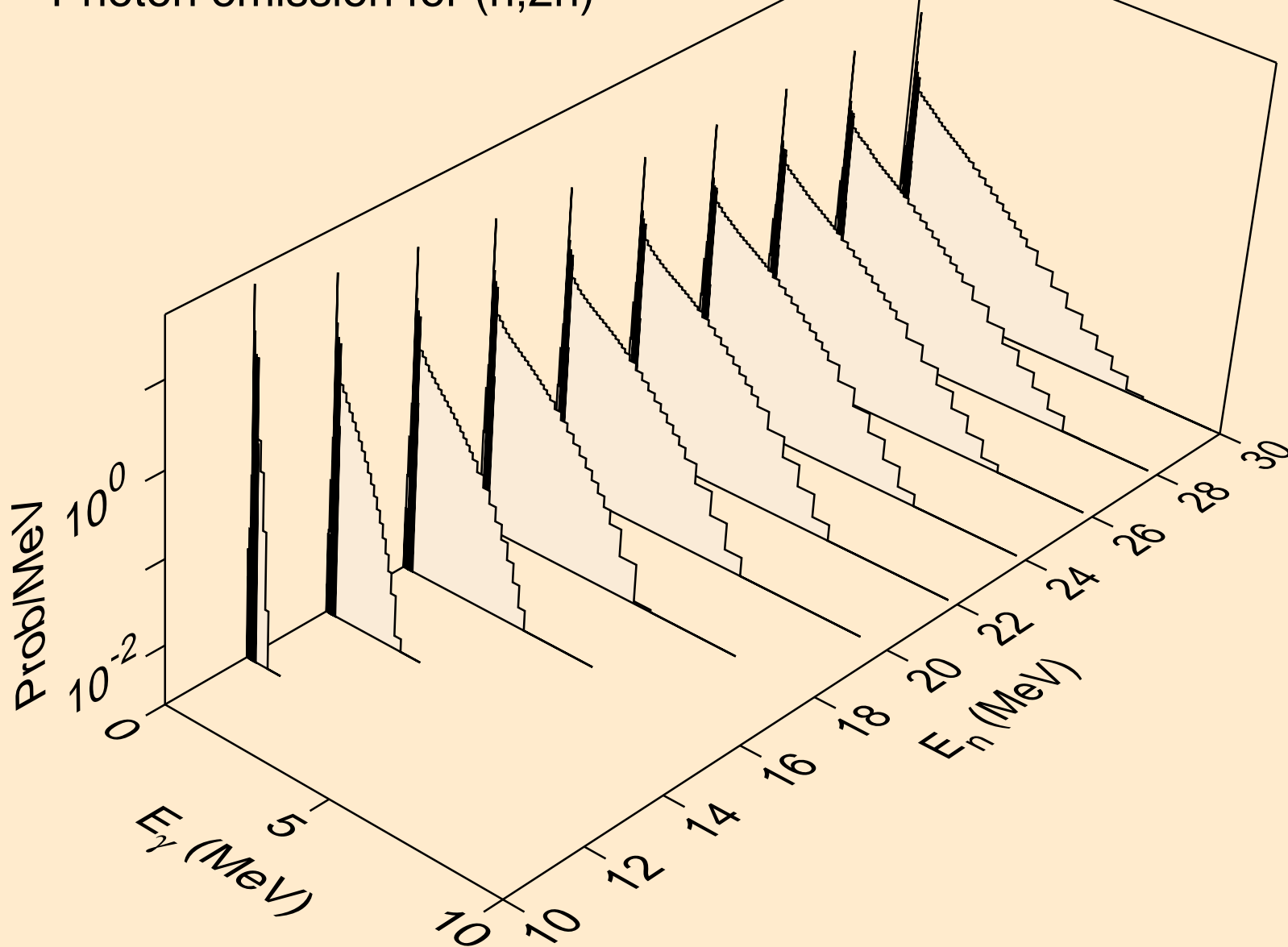




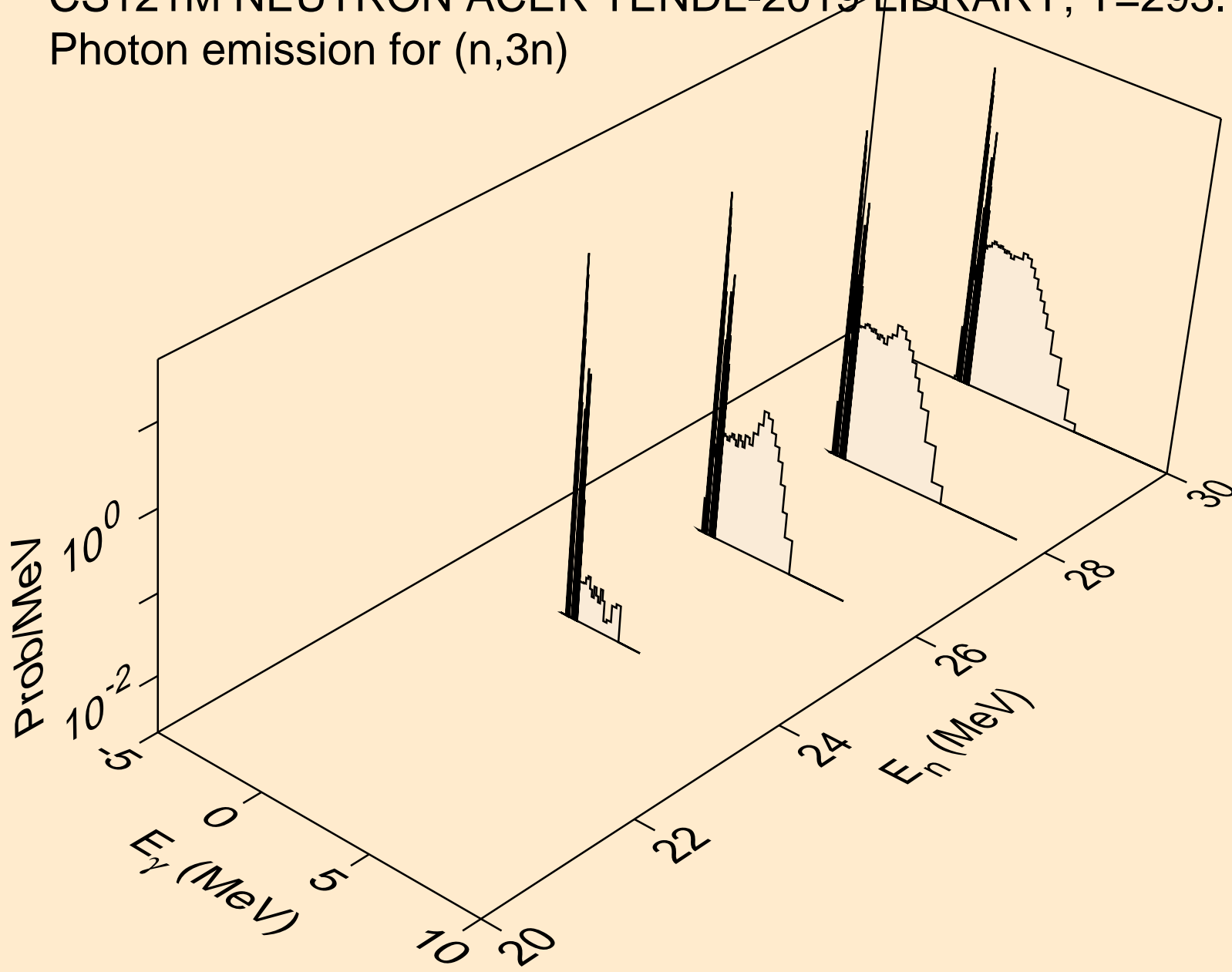
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



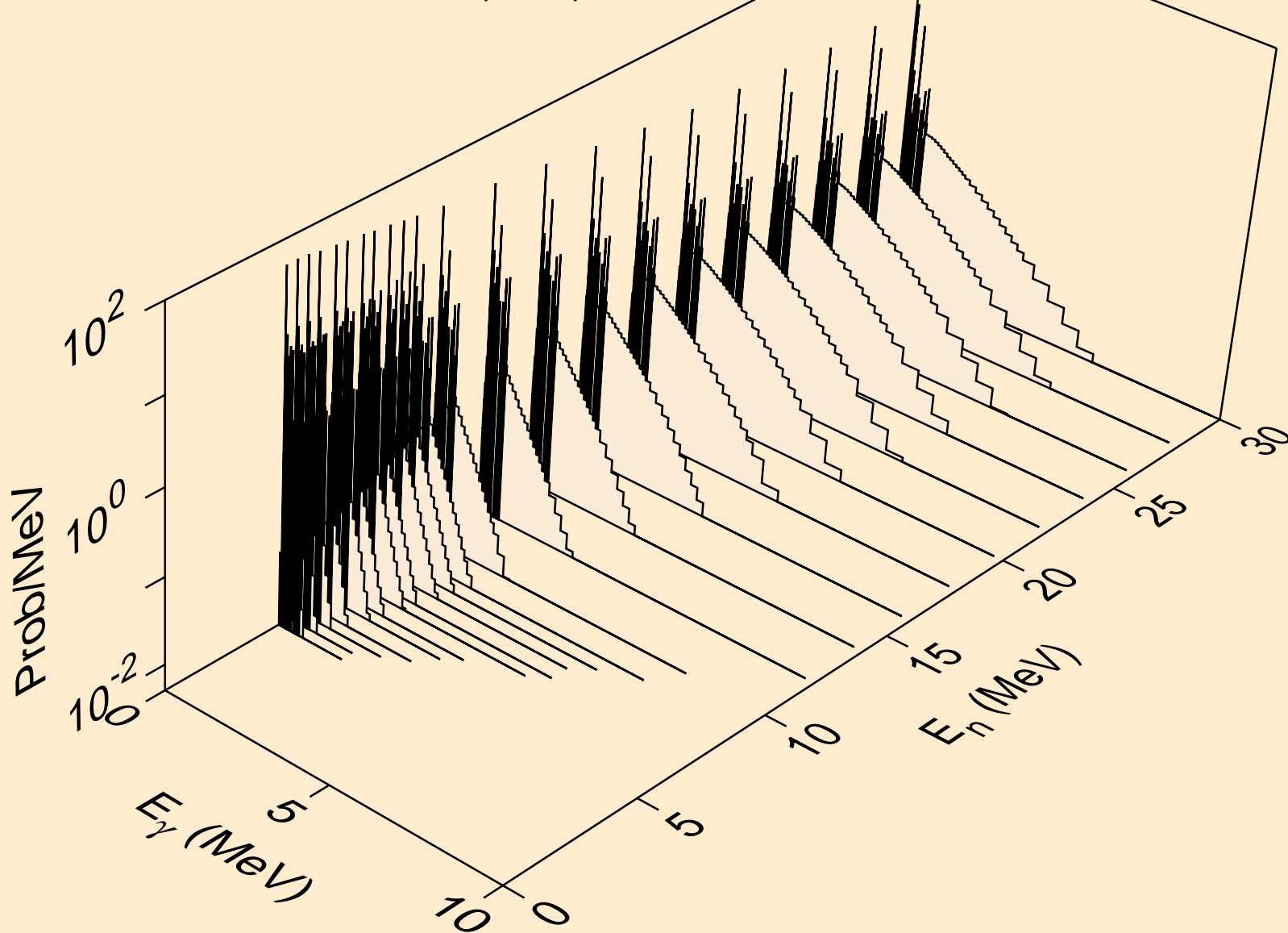
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



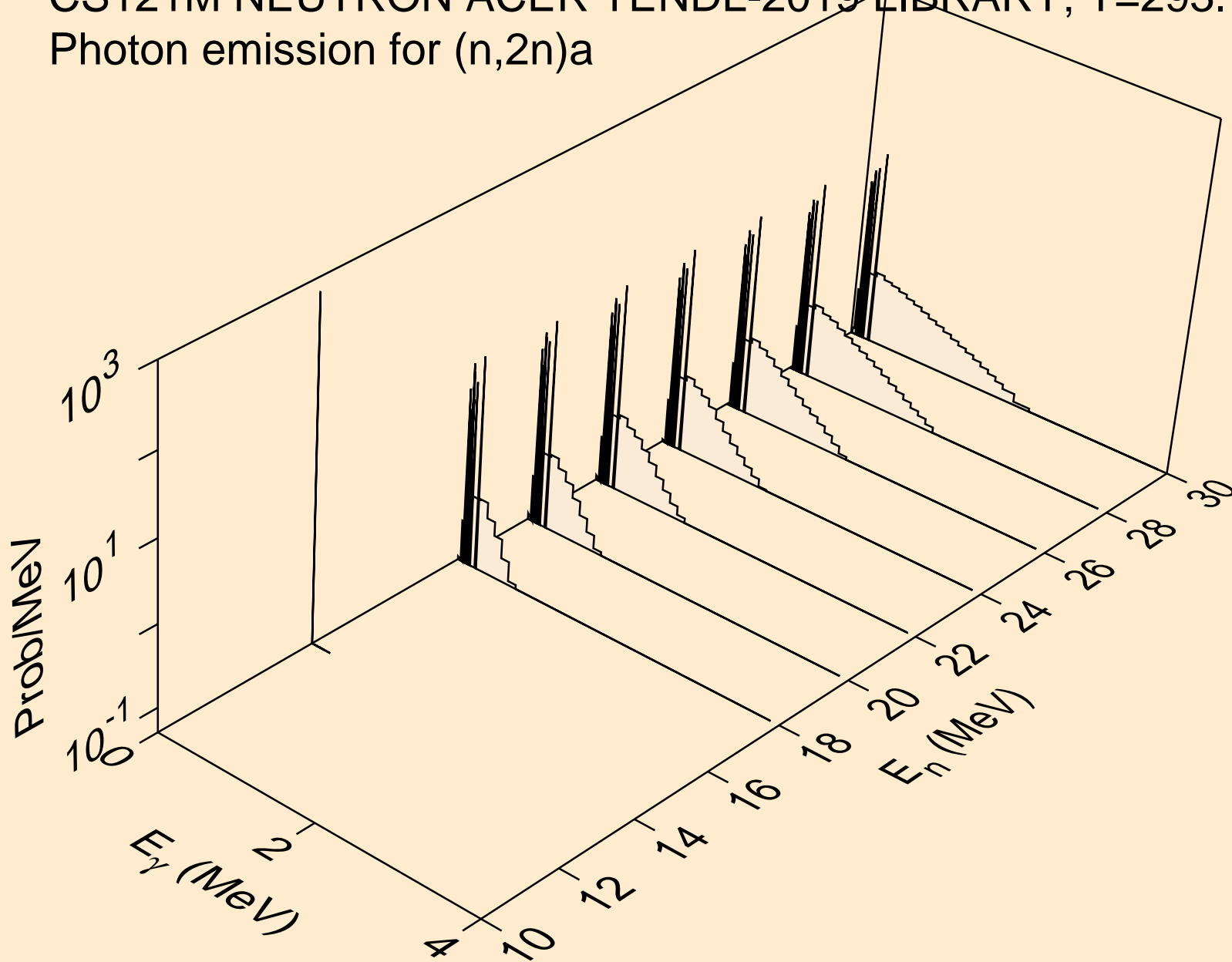
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



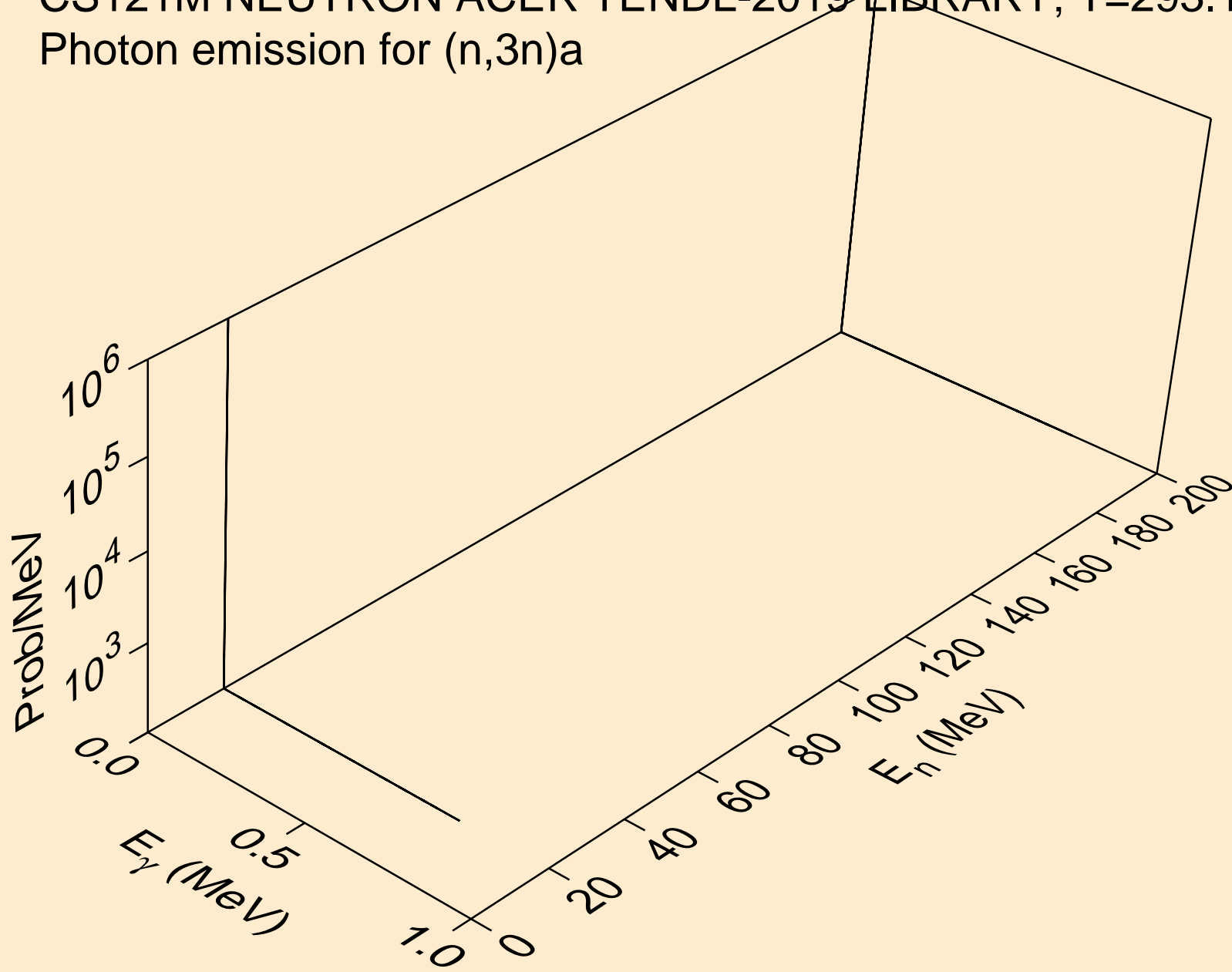
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



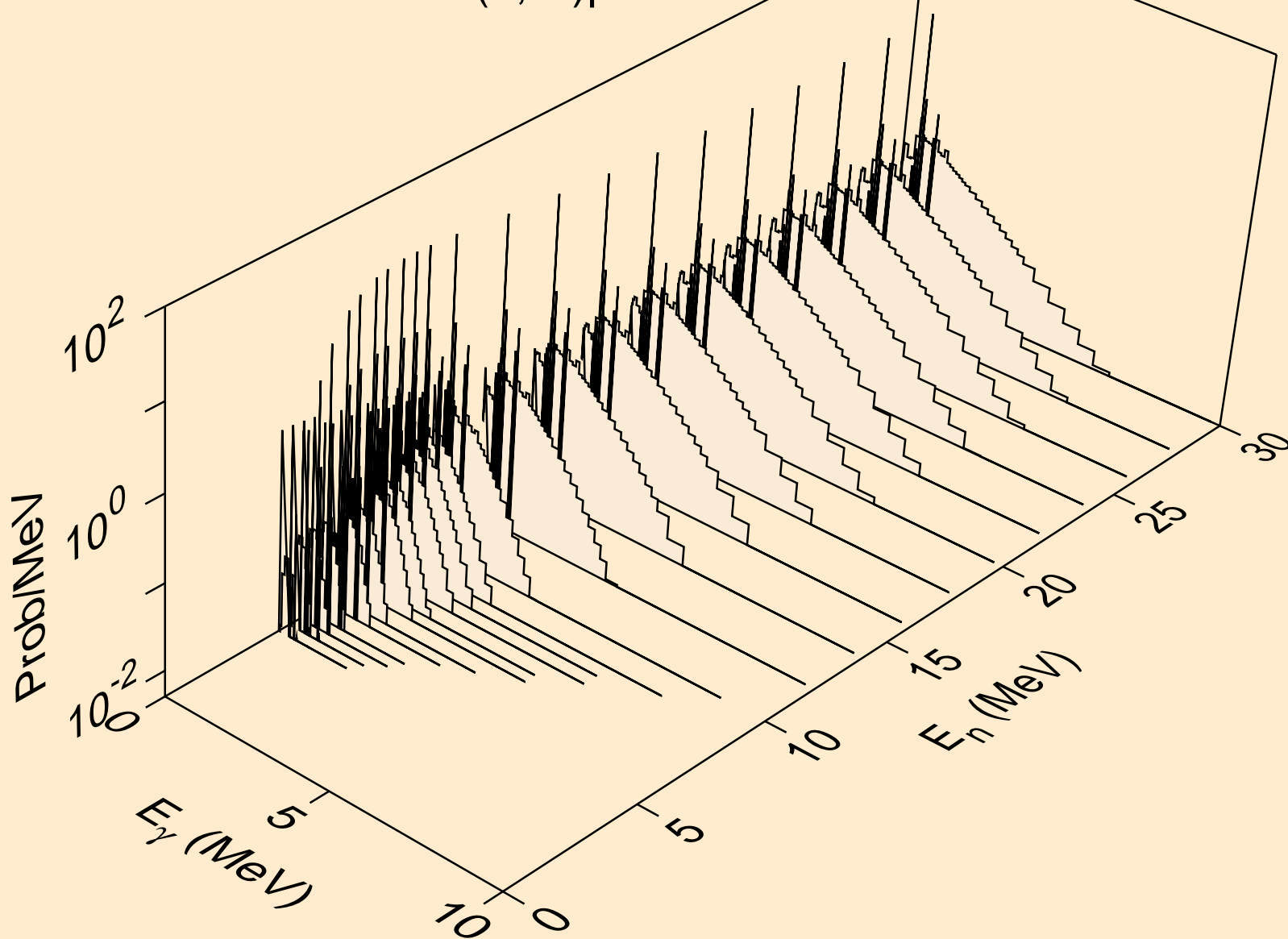
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



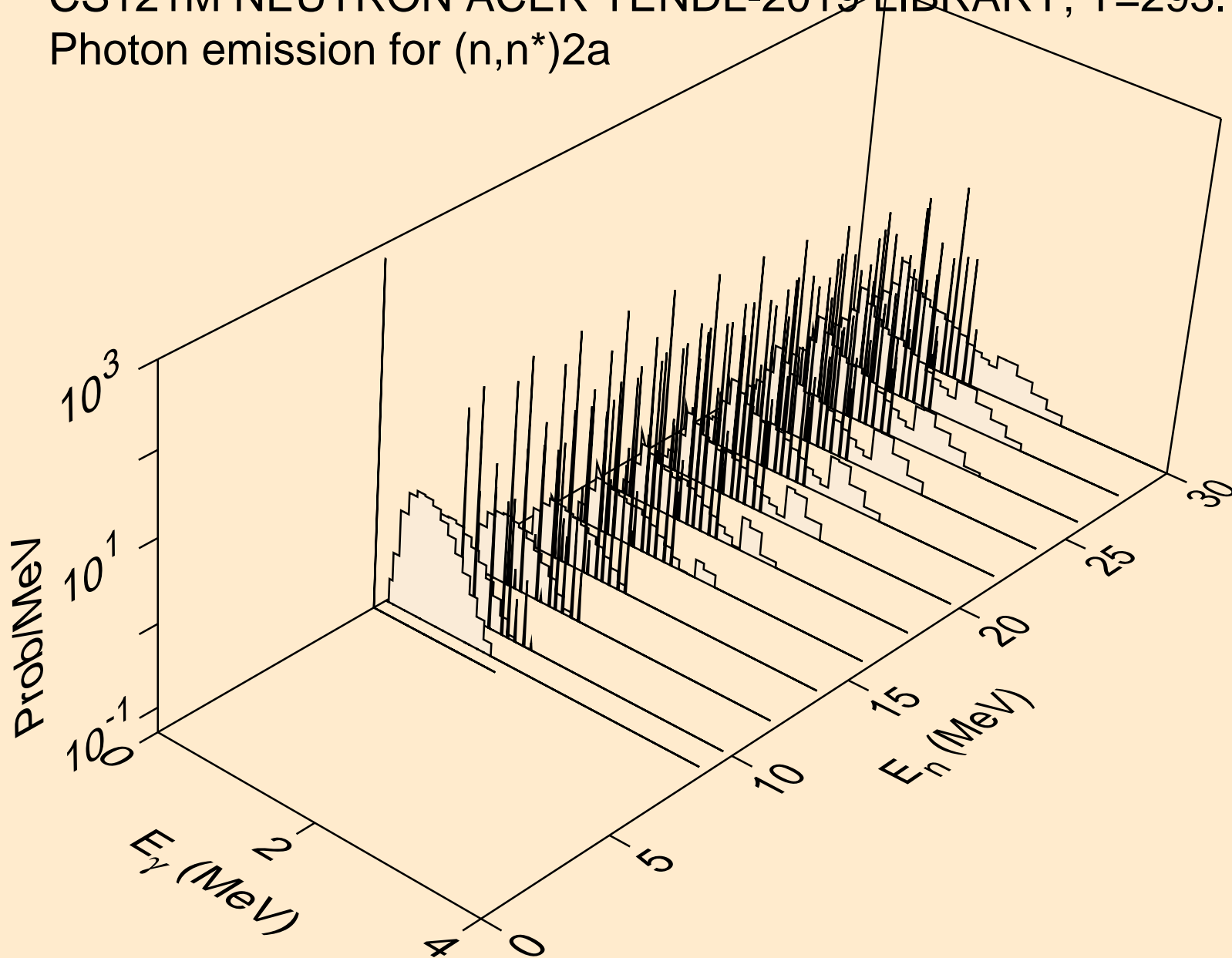
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p

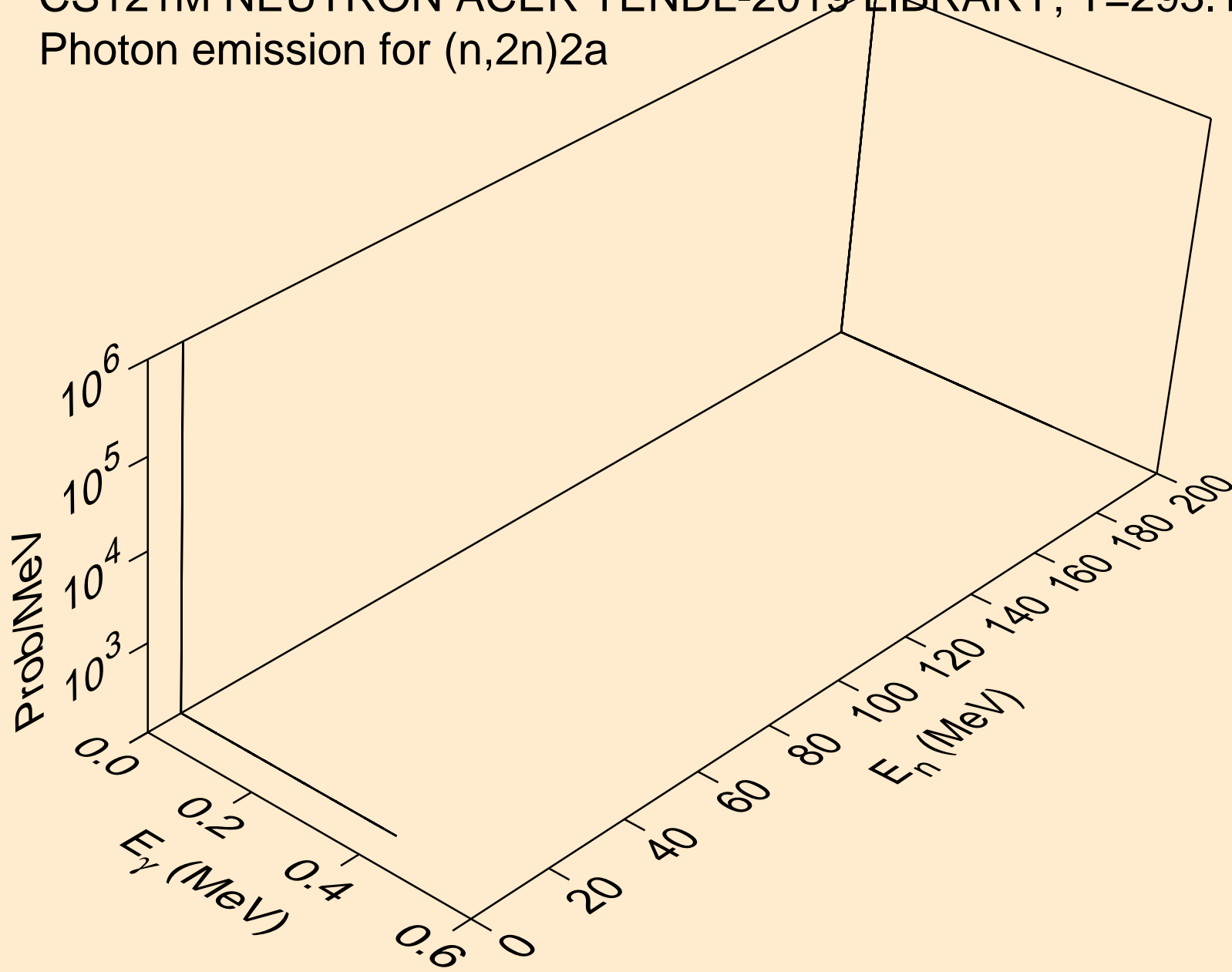


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a

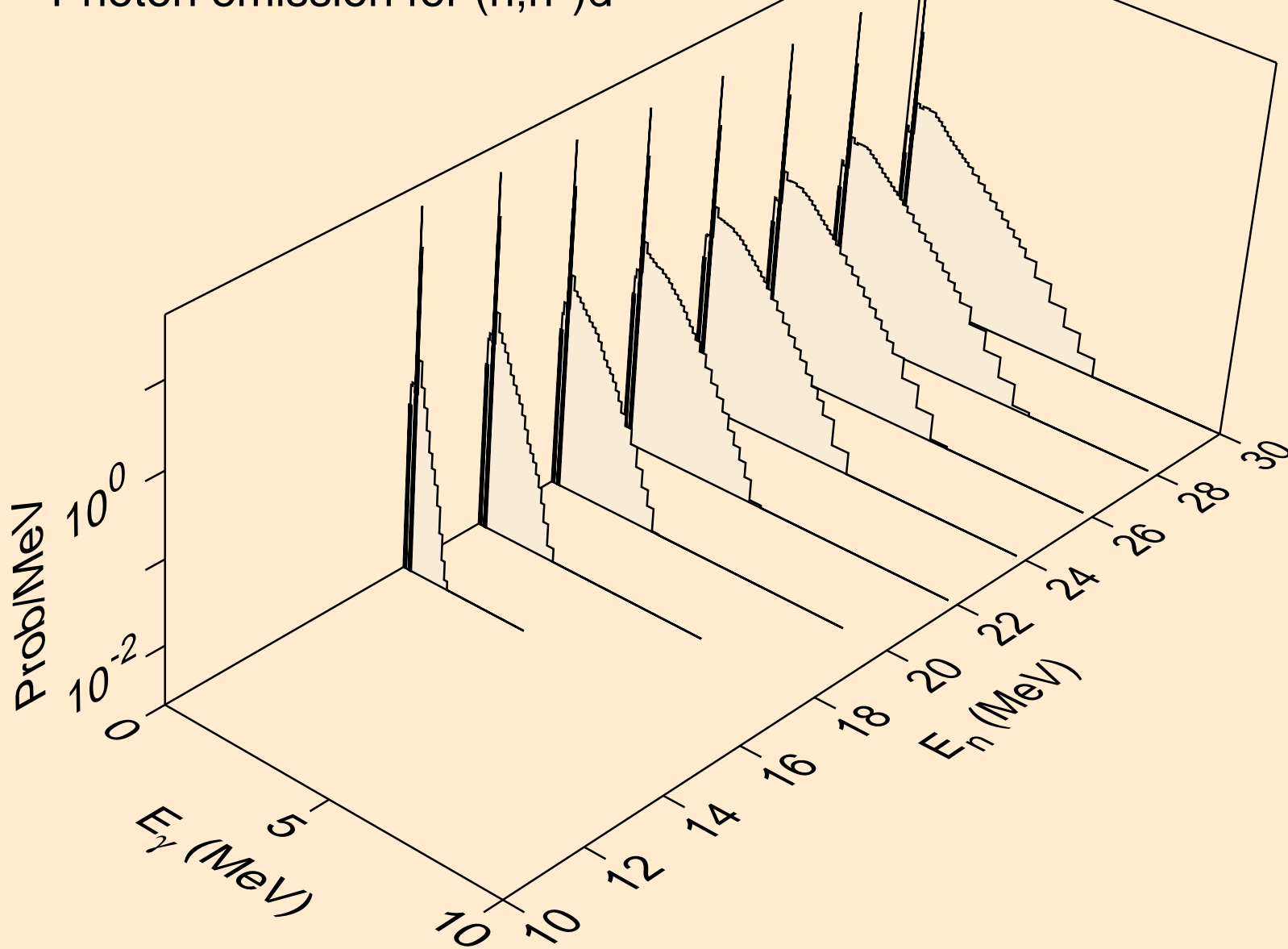




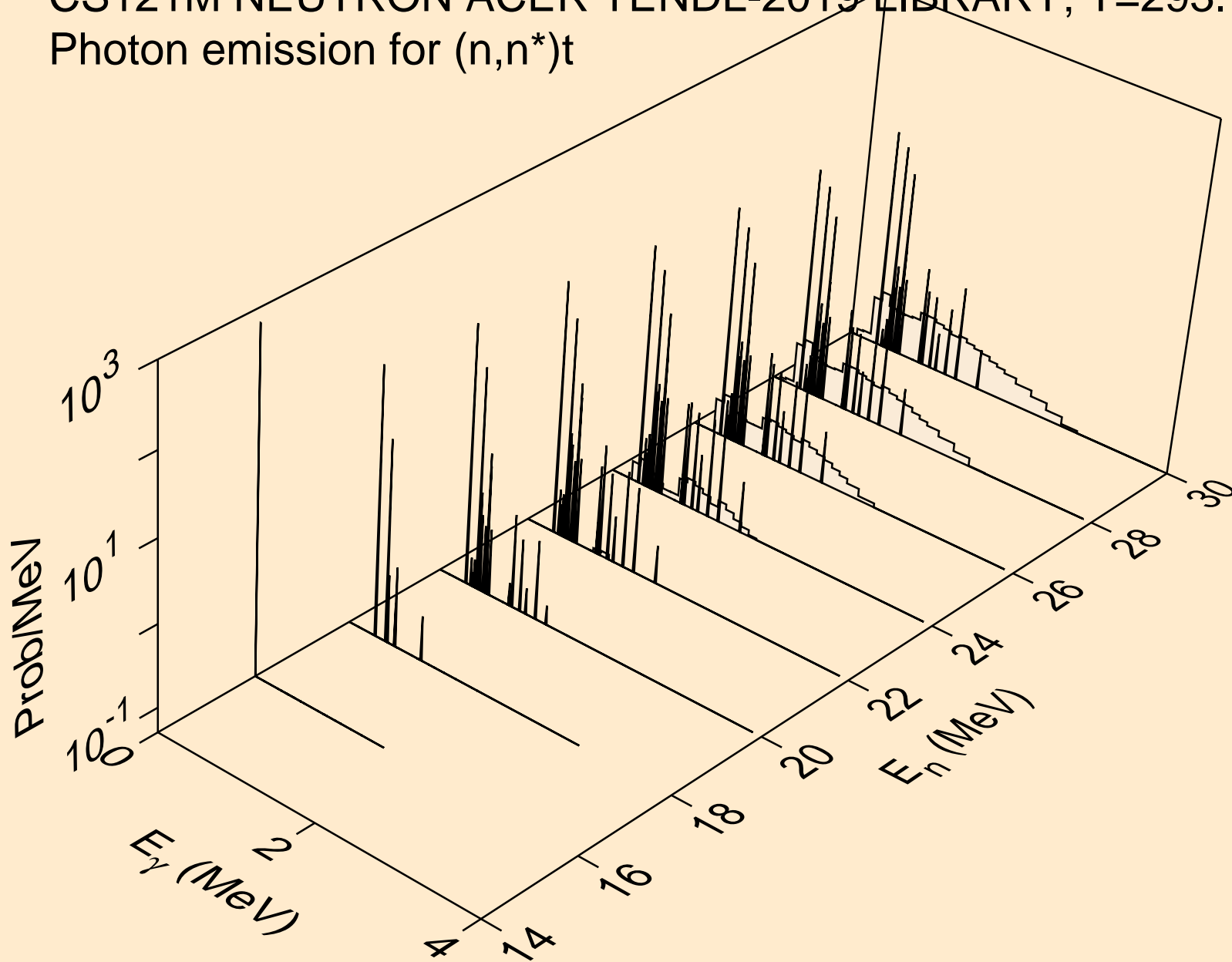
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)2a



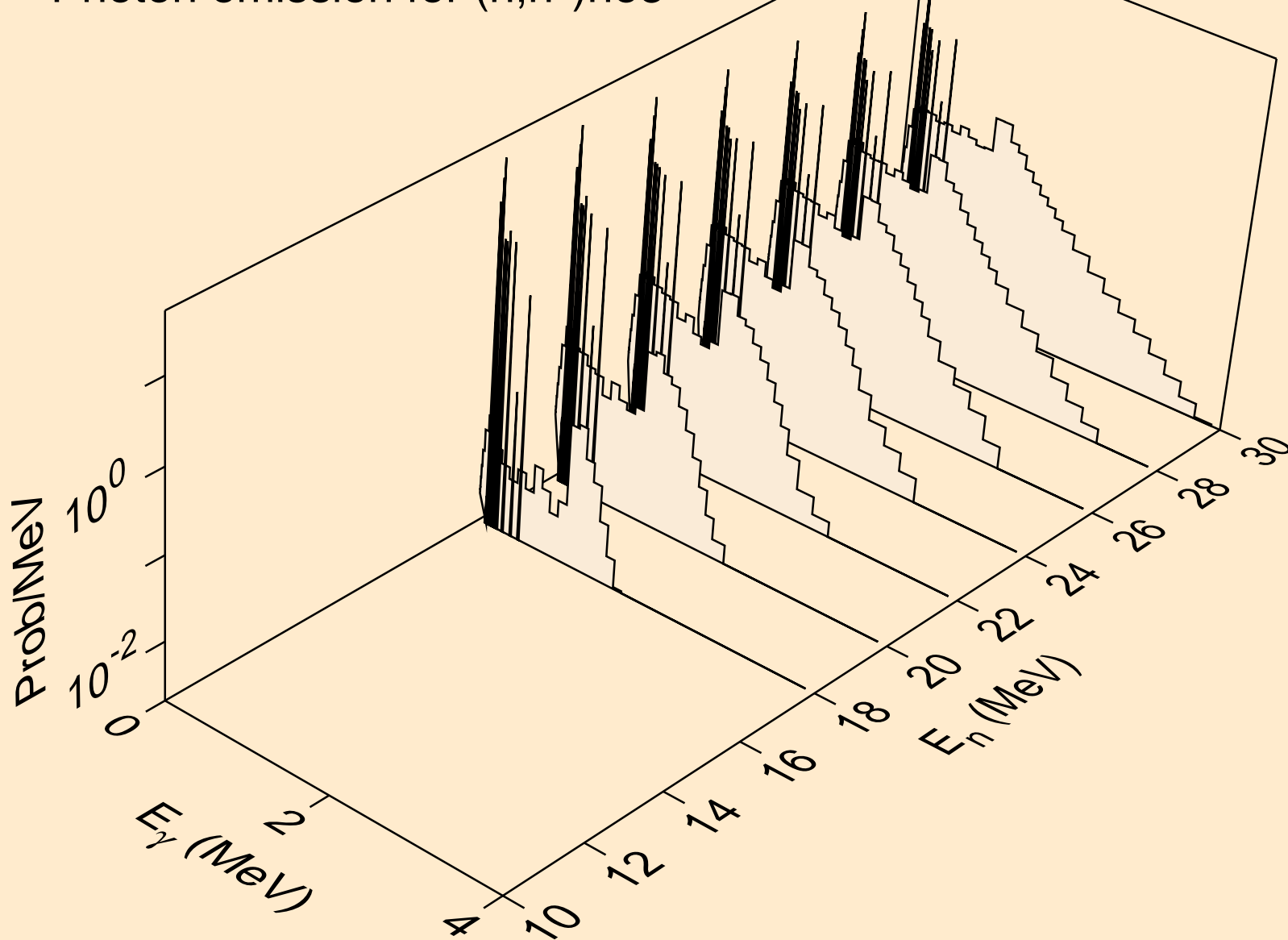
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



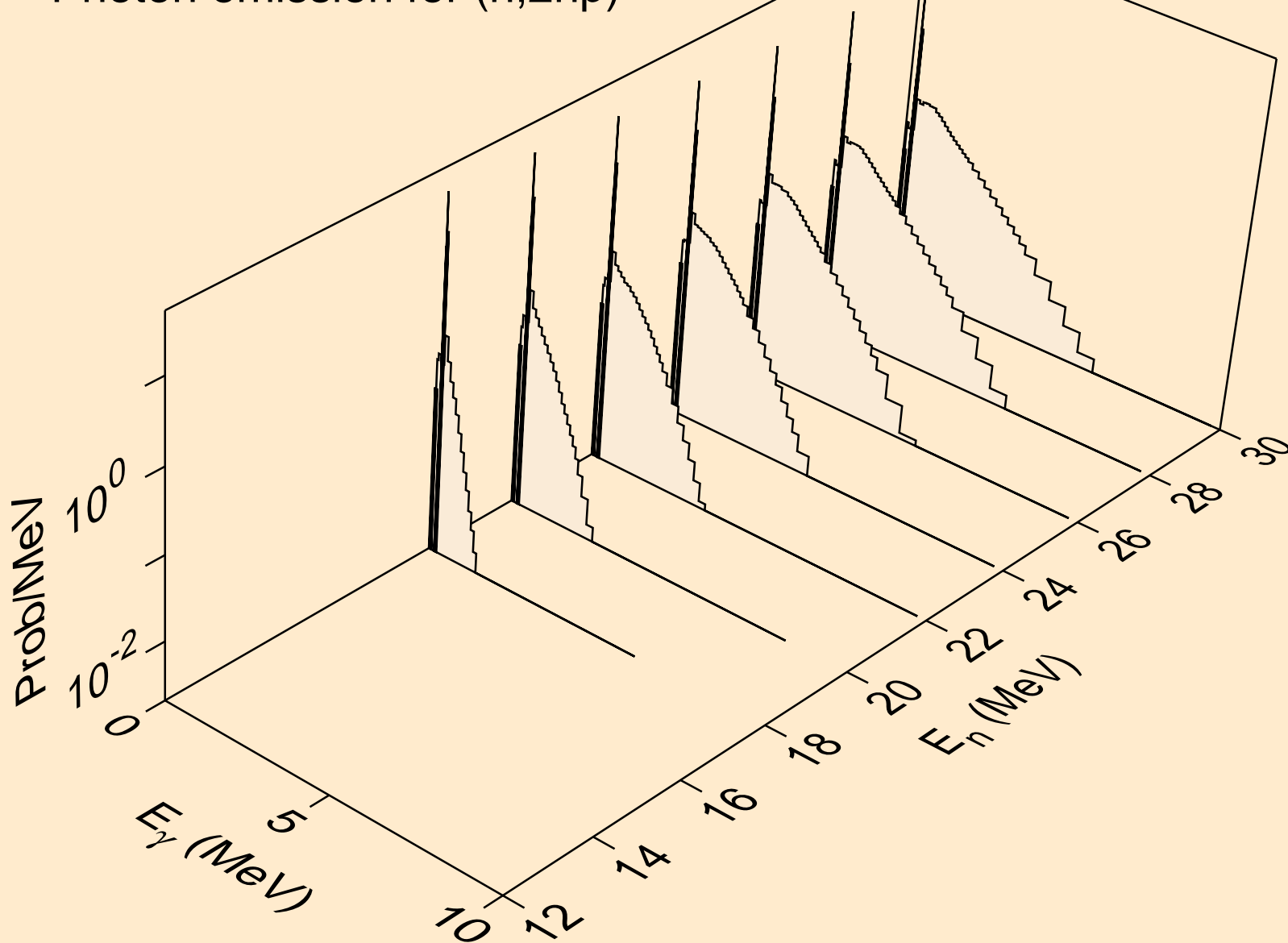
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



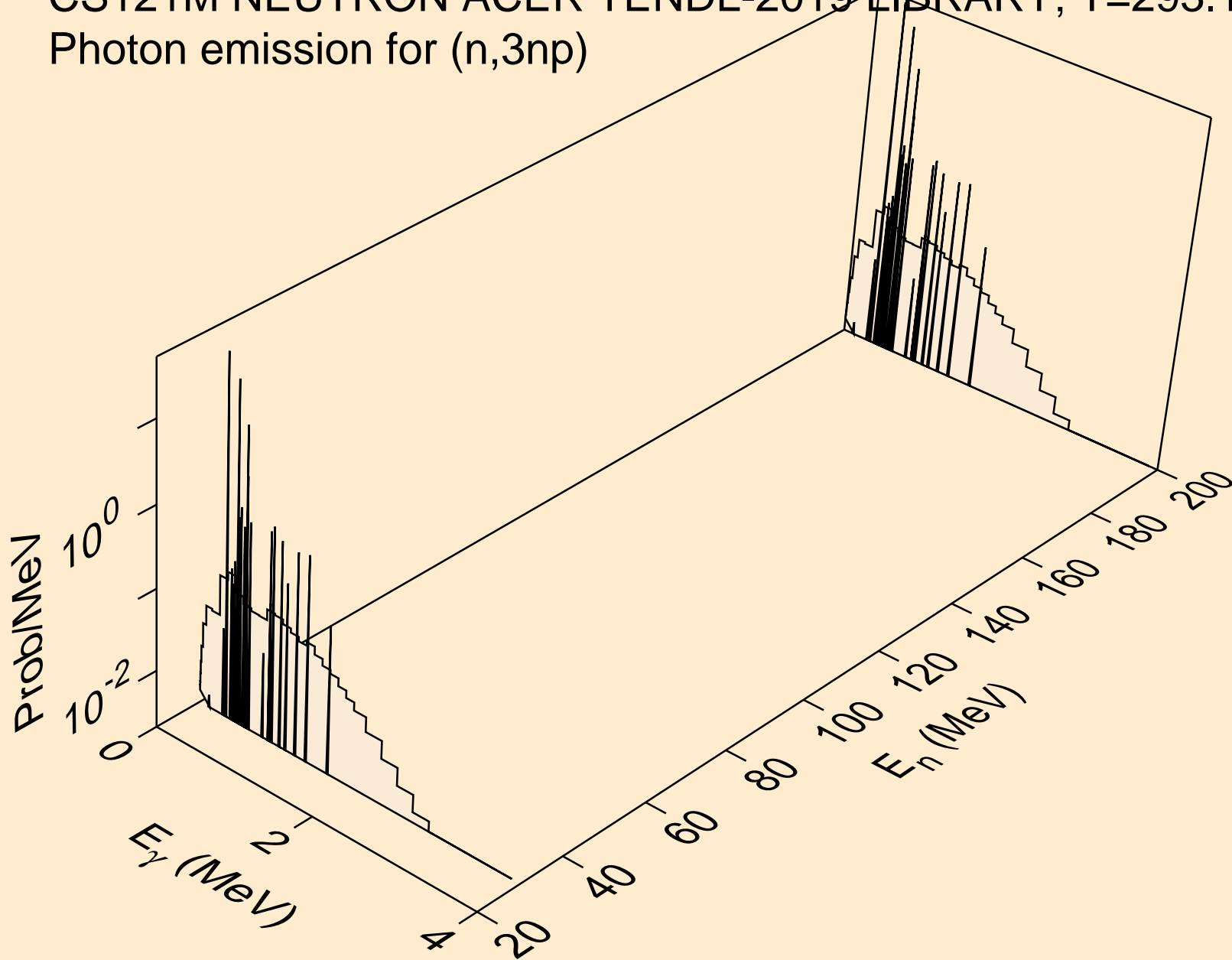
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



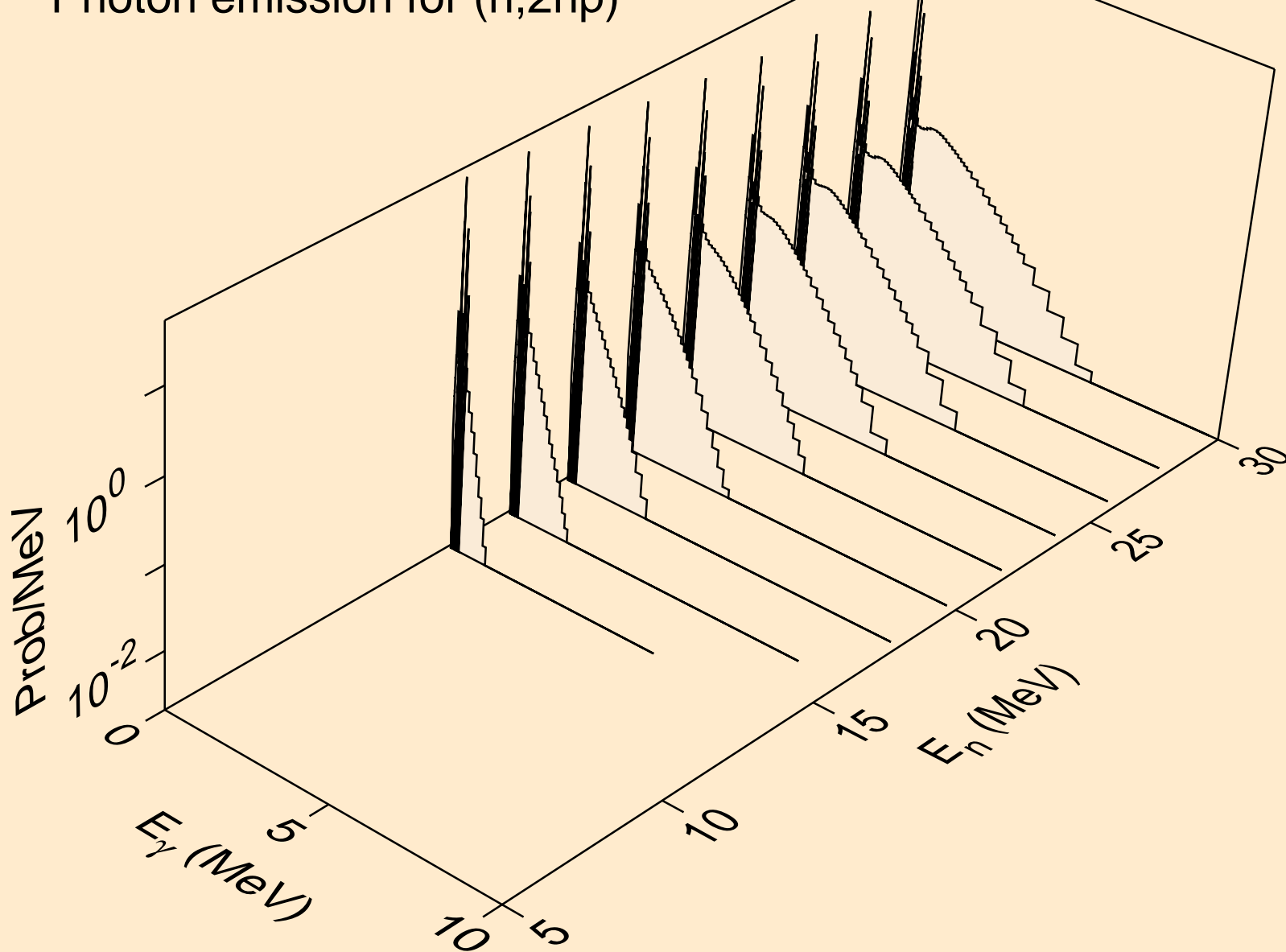
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



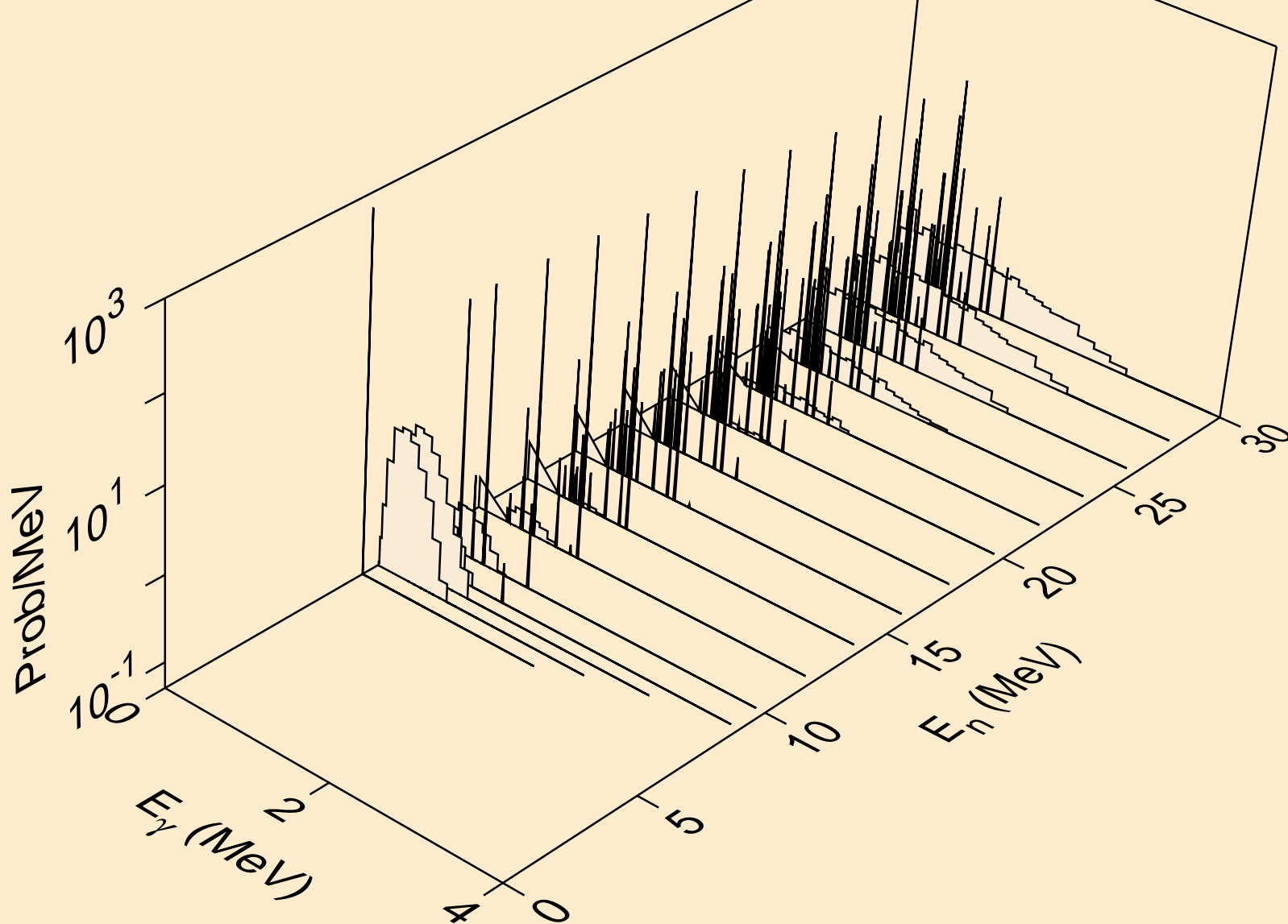
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)

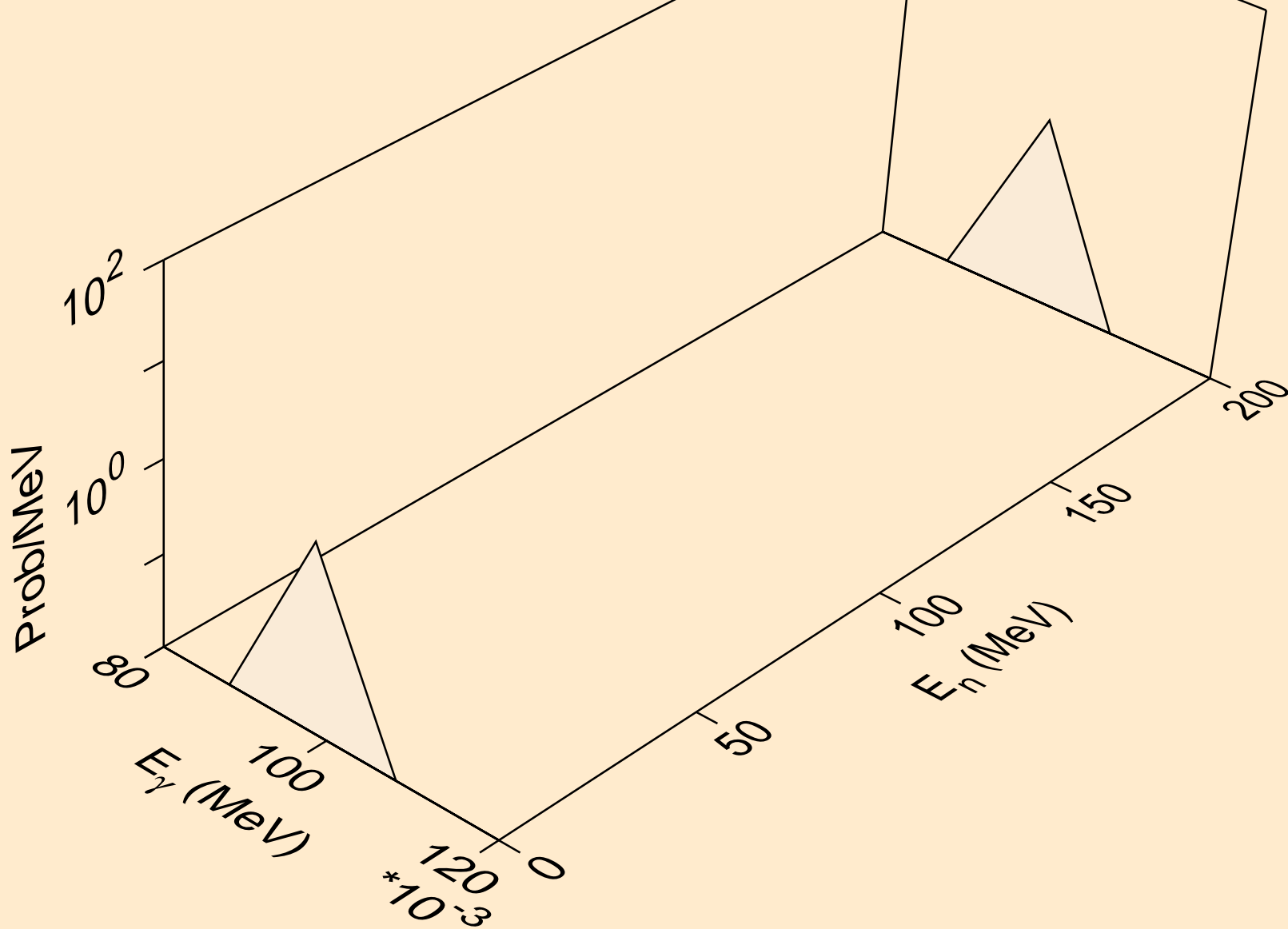


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)

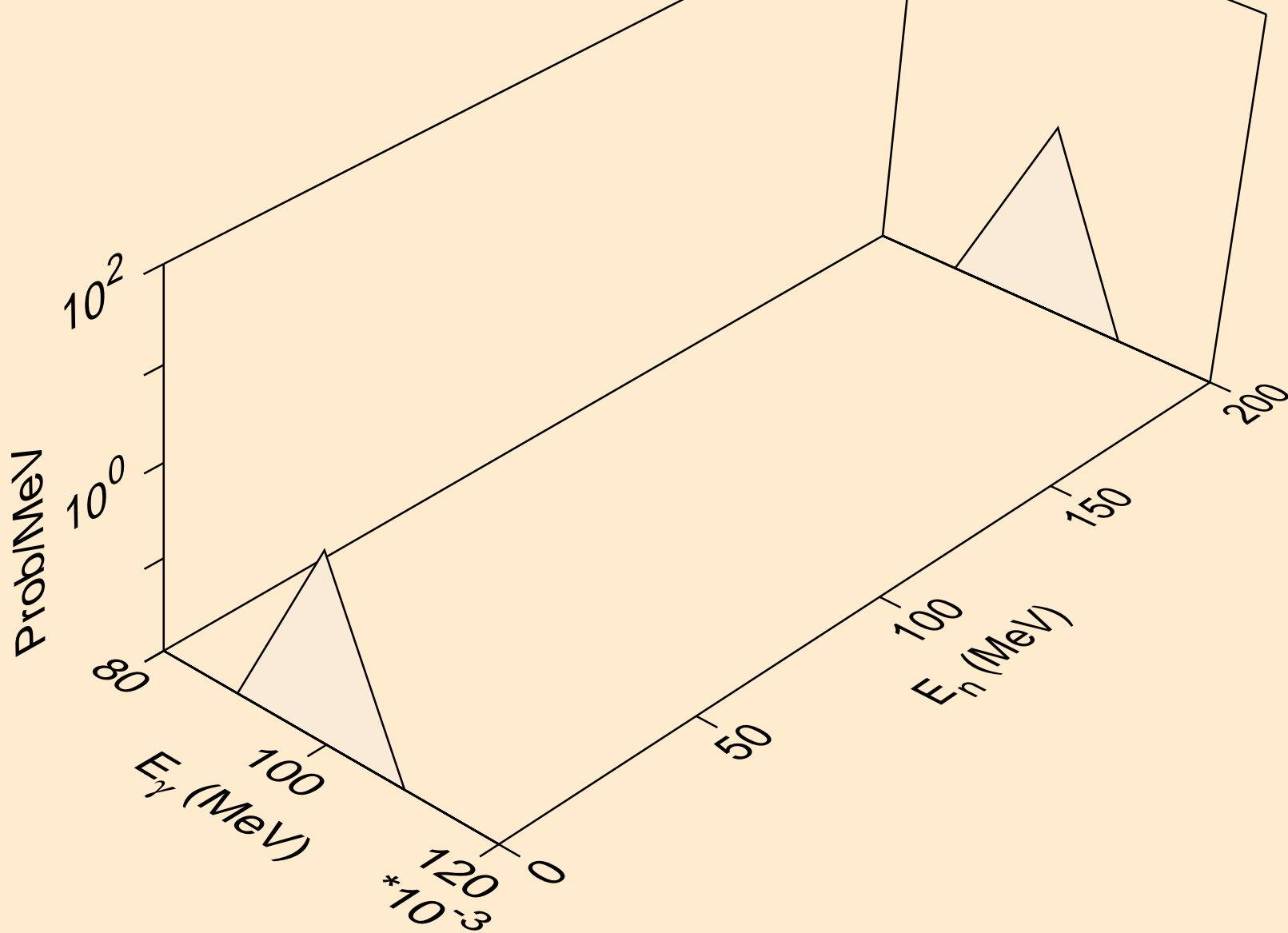




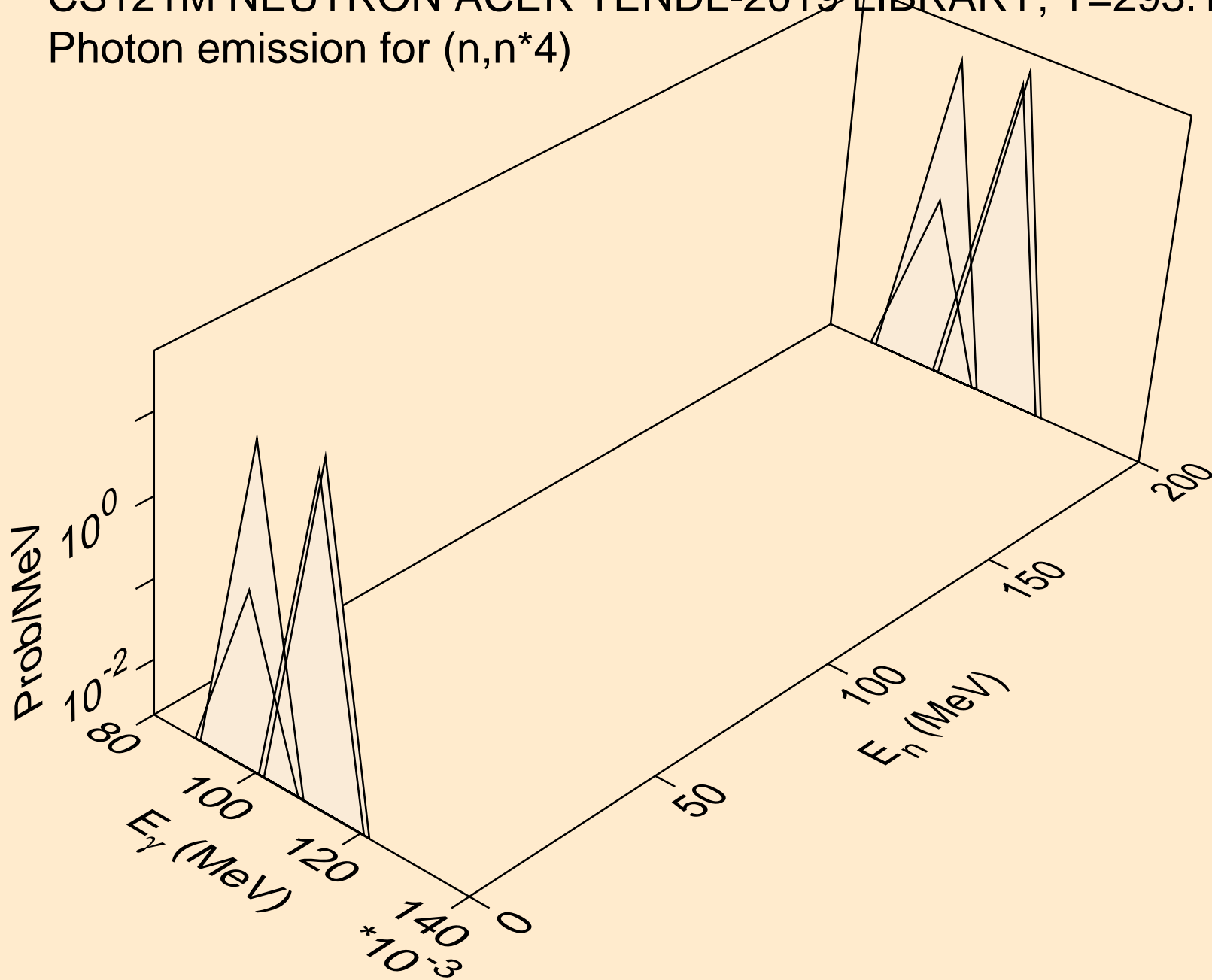
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*2)



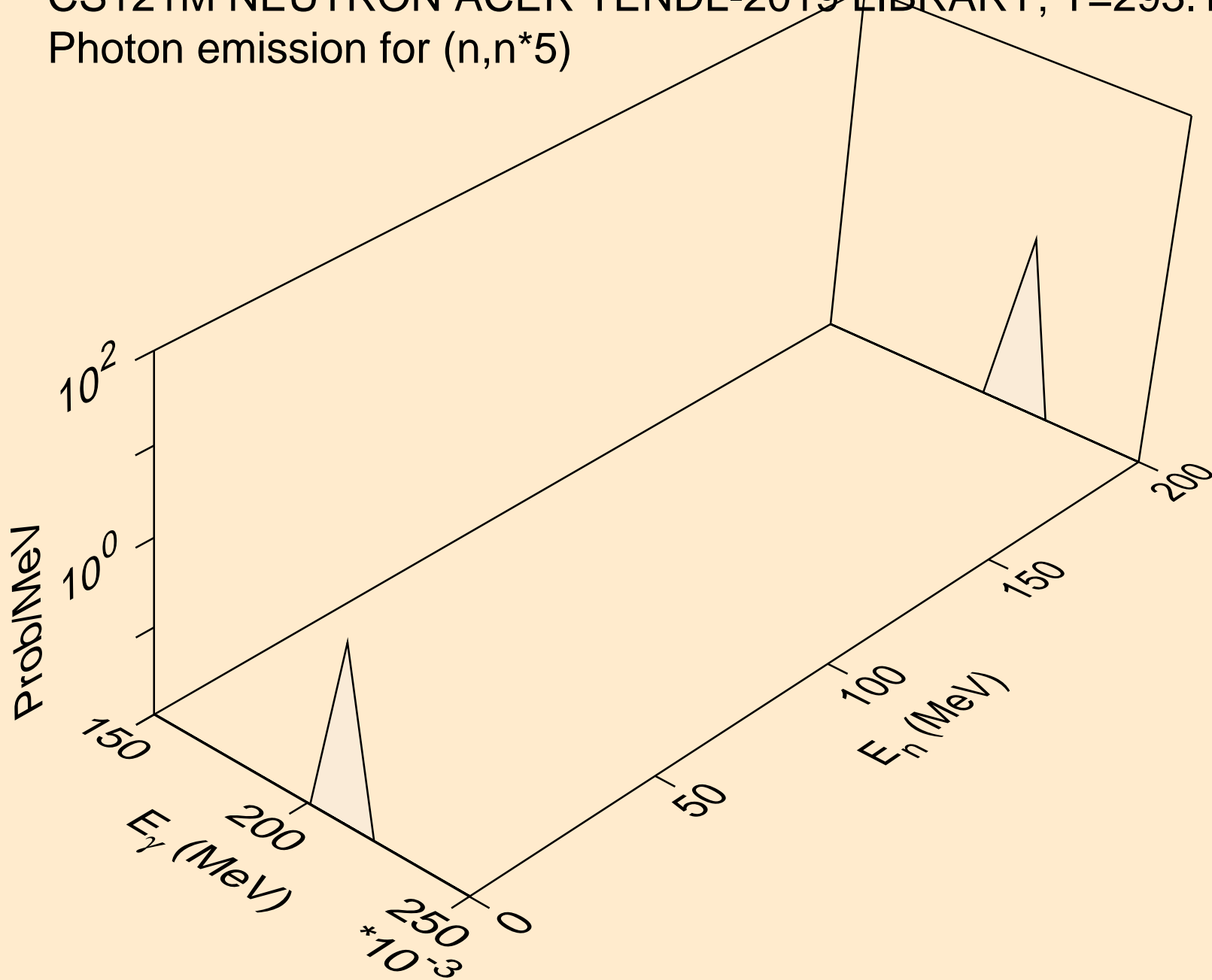
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*3)



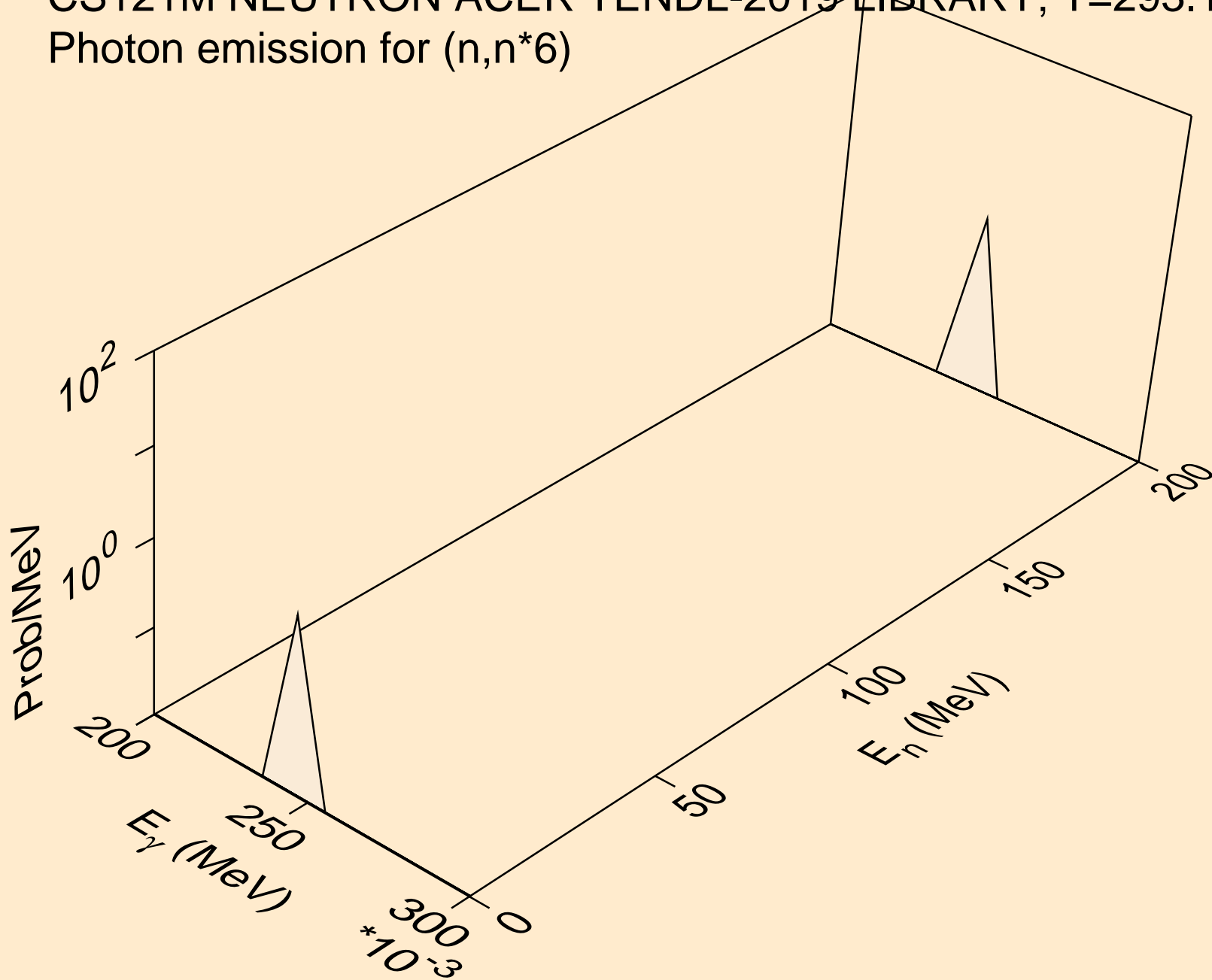
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*4)



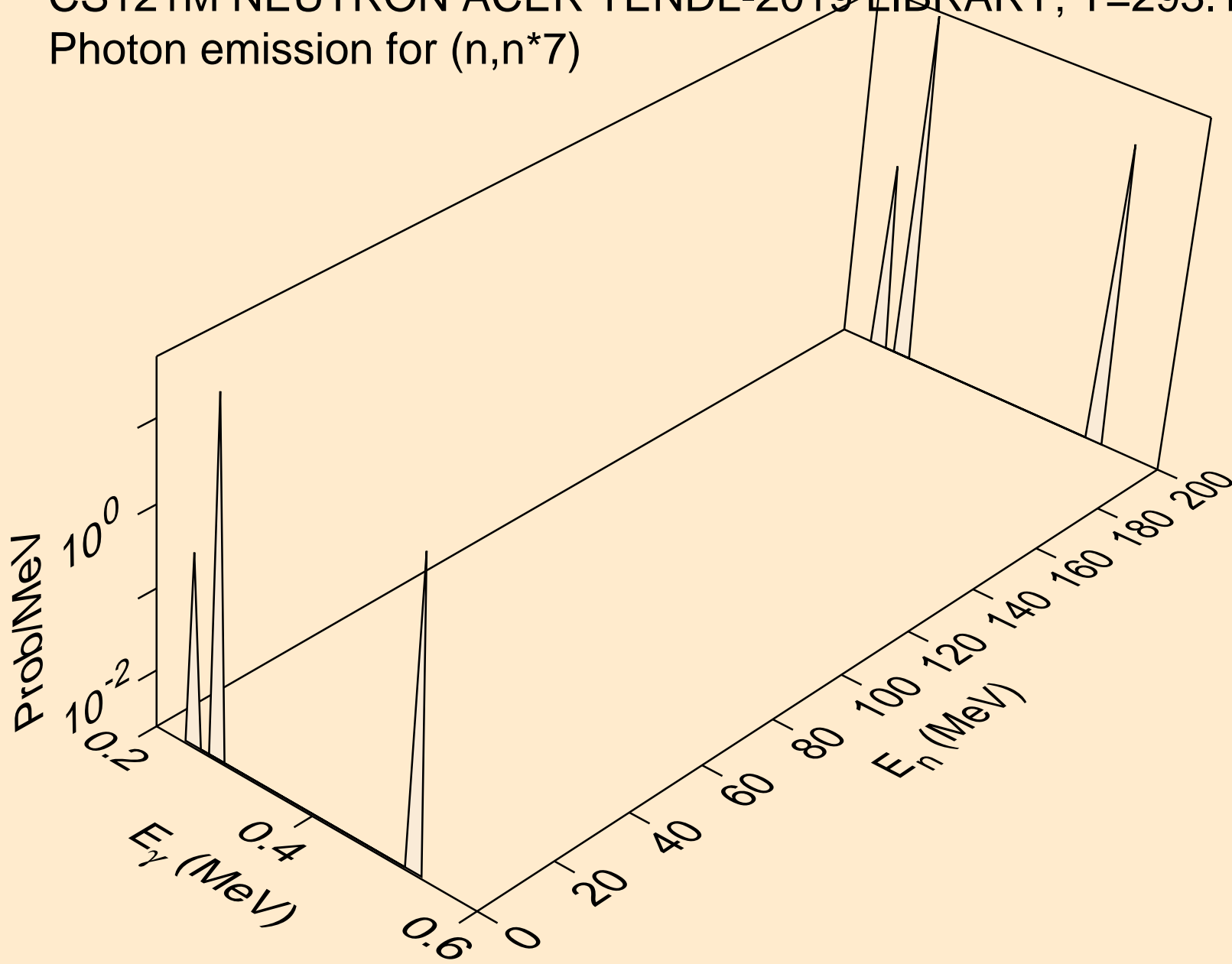
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*5)



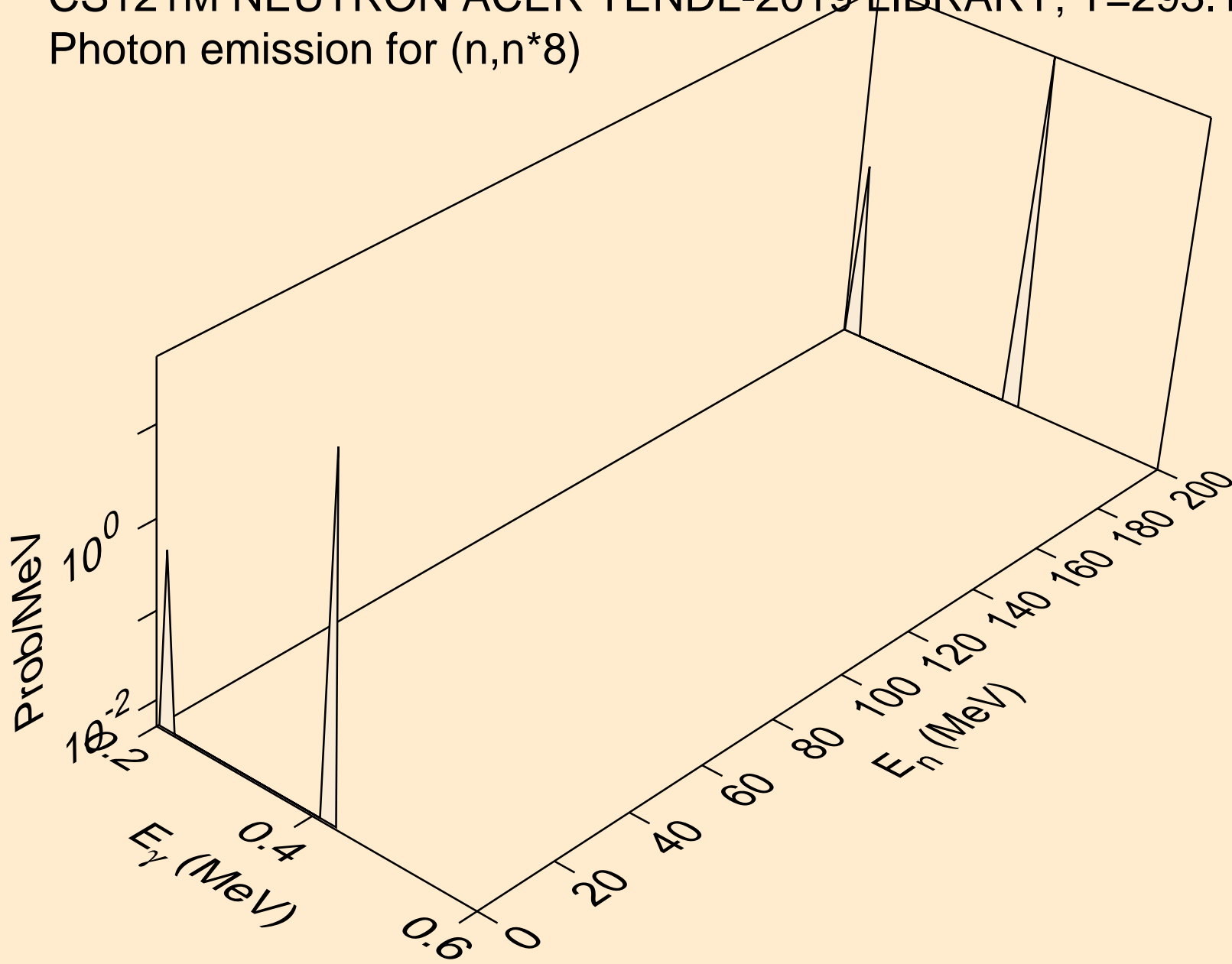
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*6)



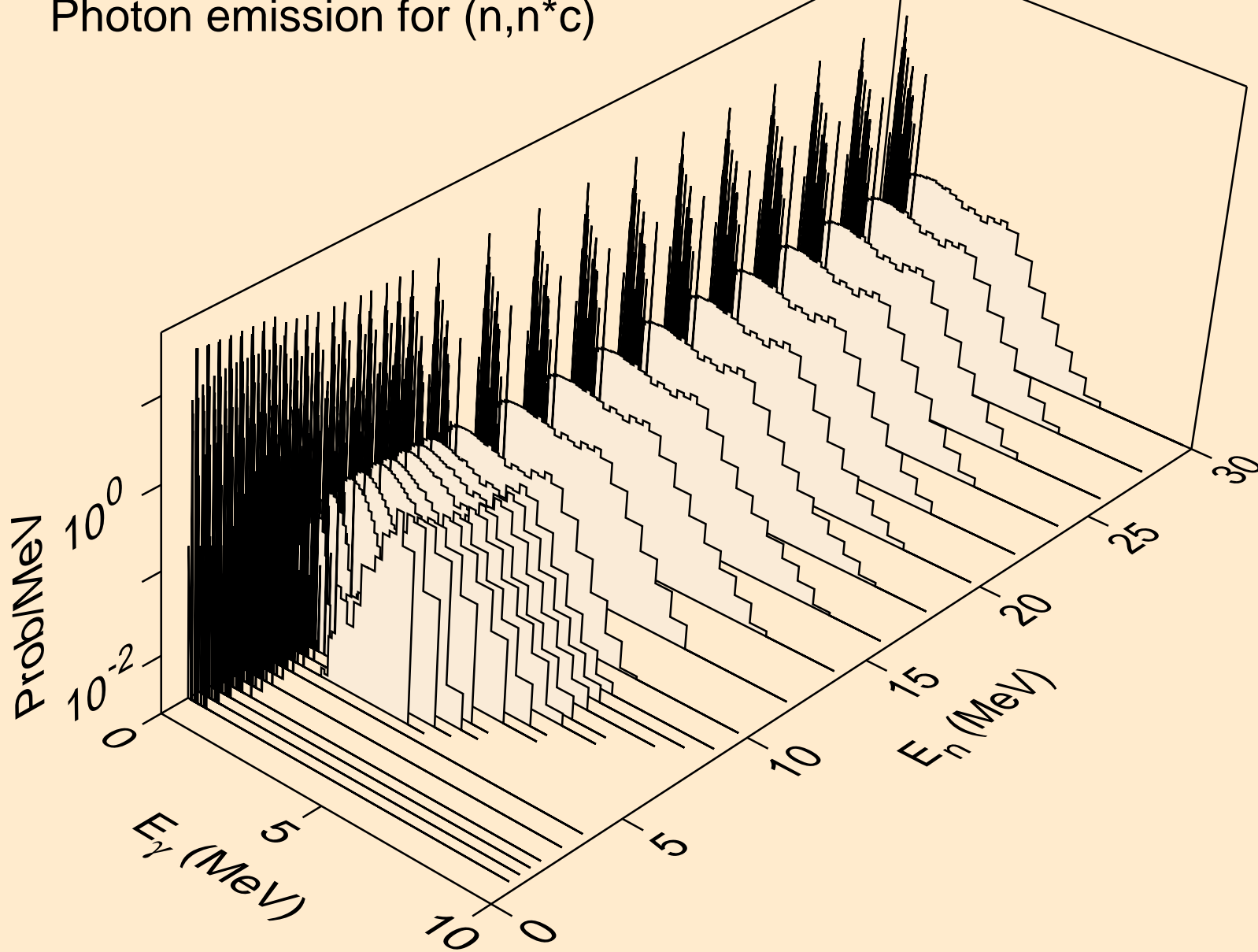
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*7)



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*8)

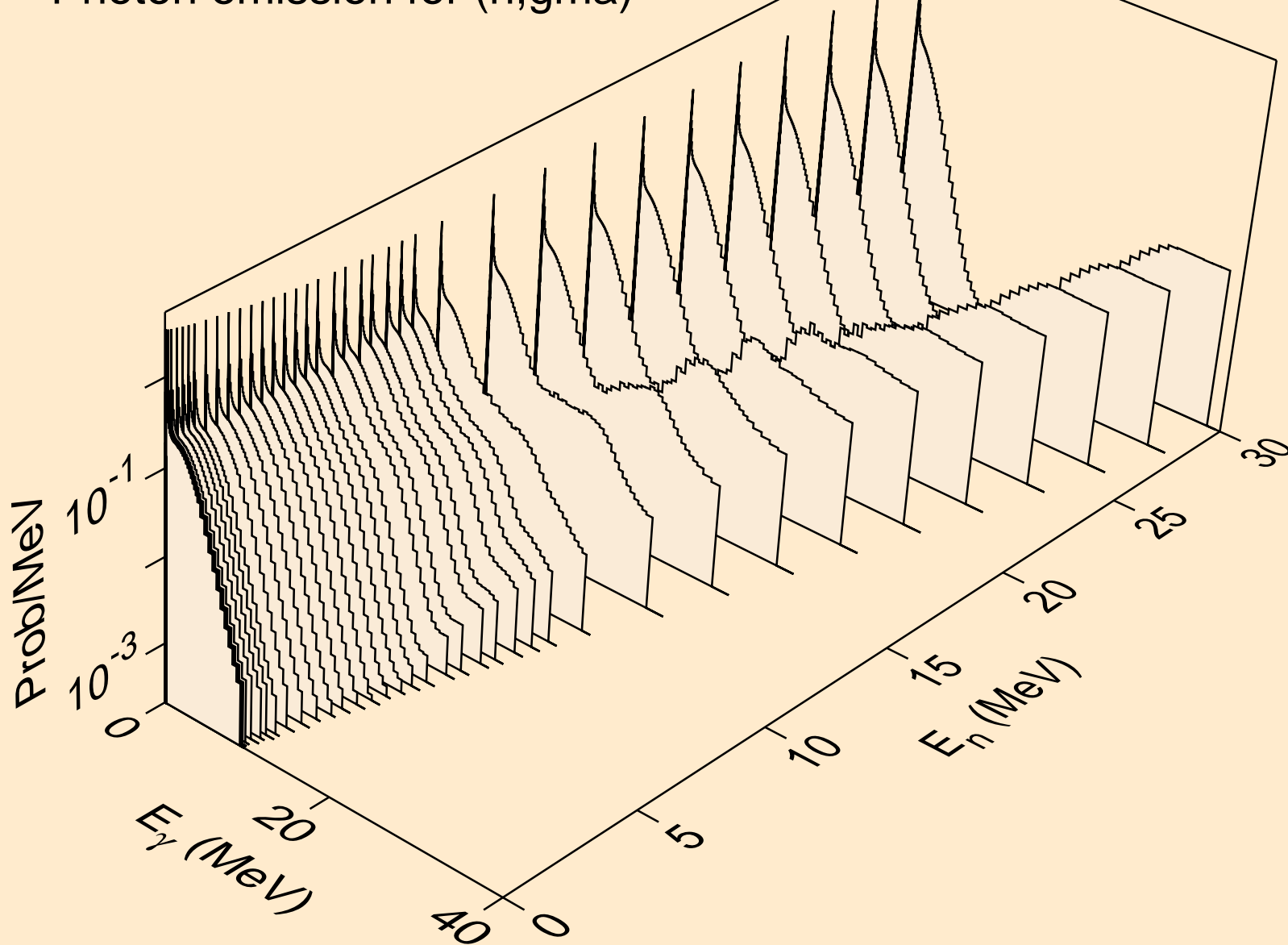


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)

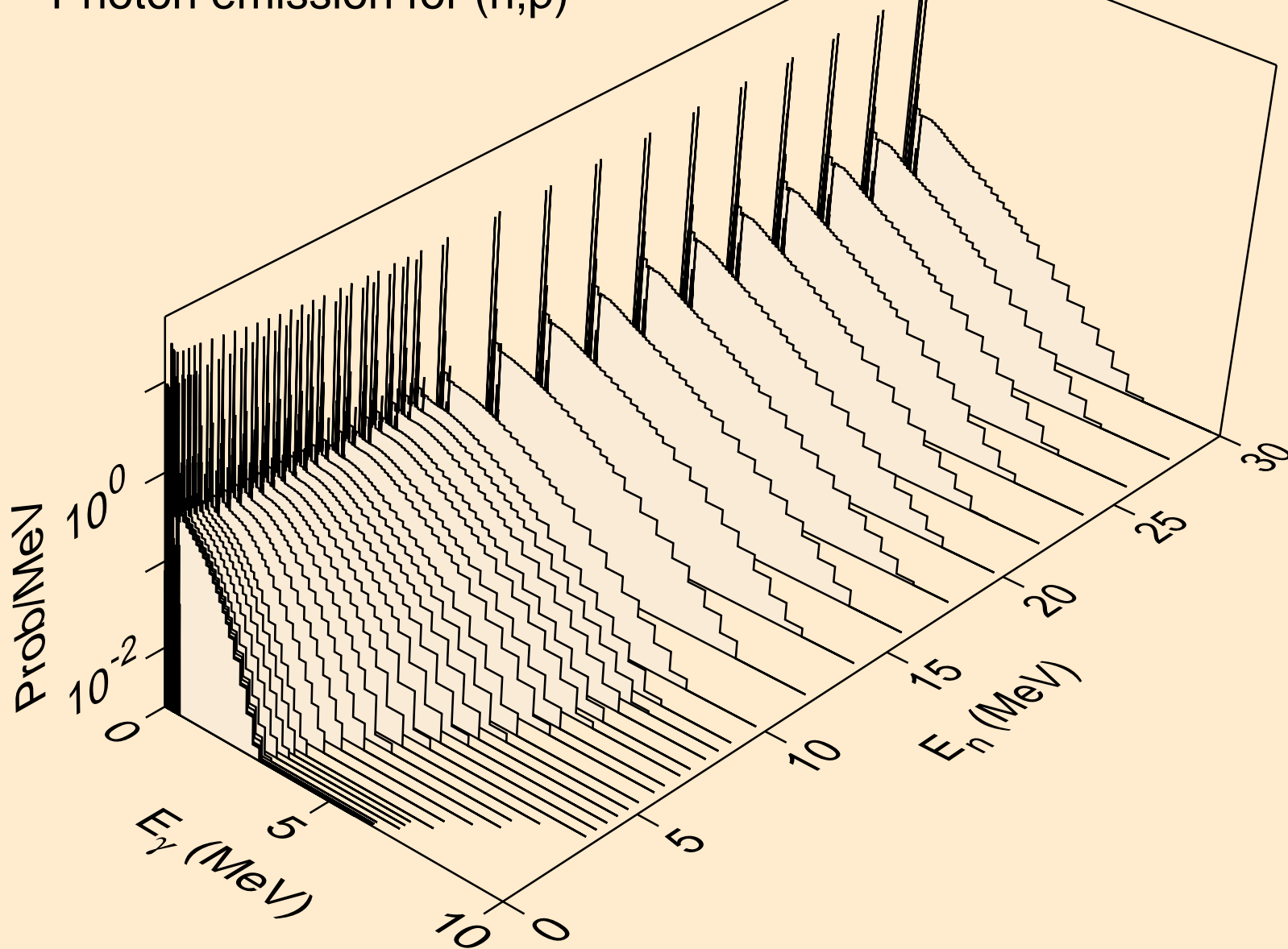




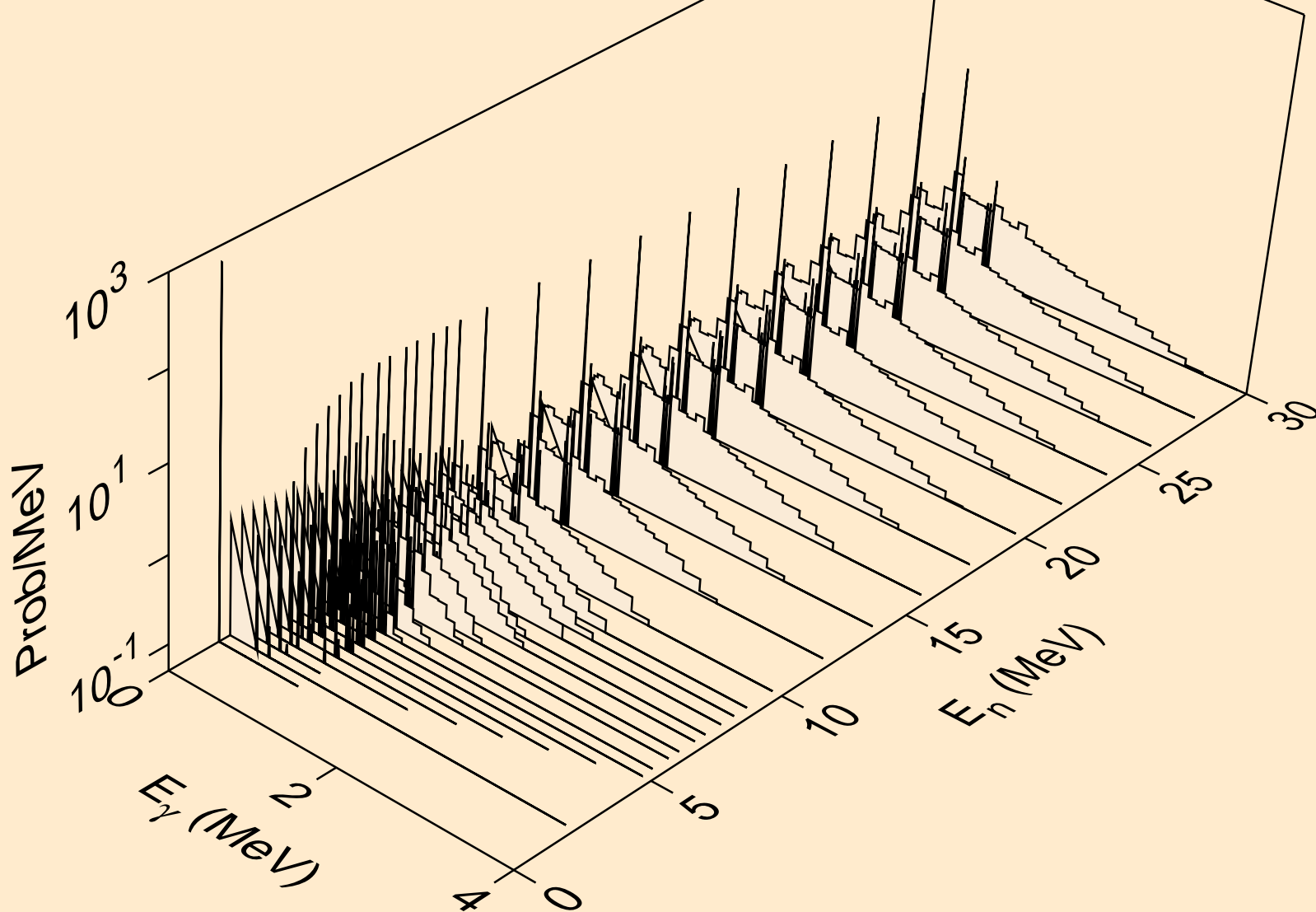
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



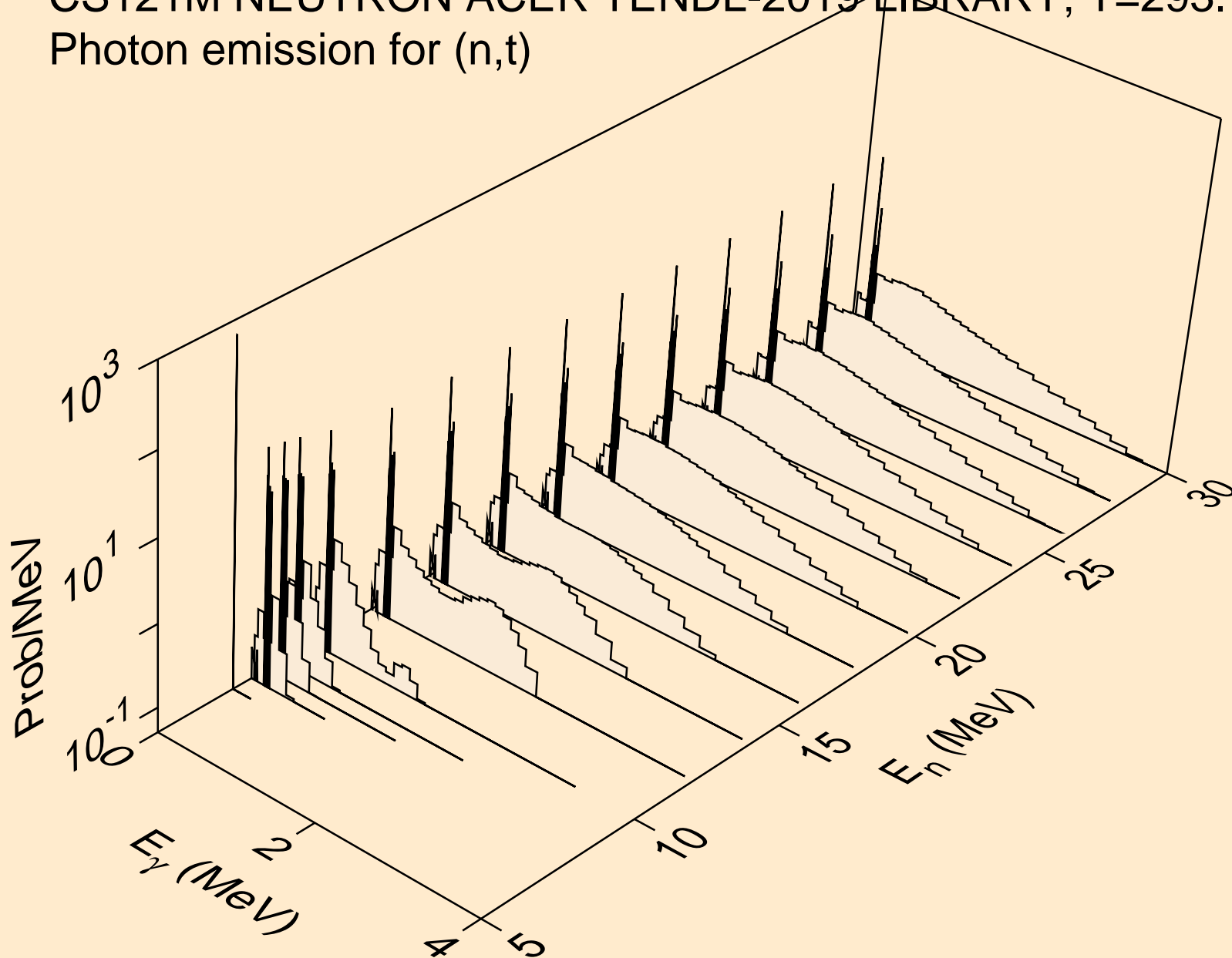
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



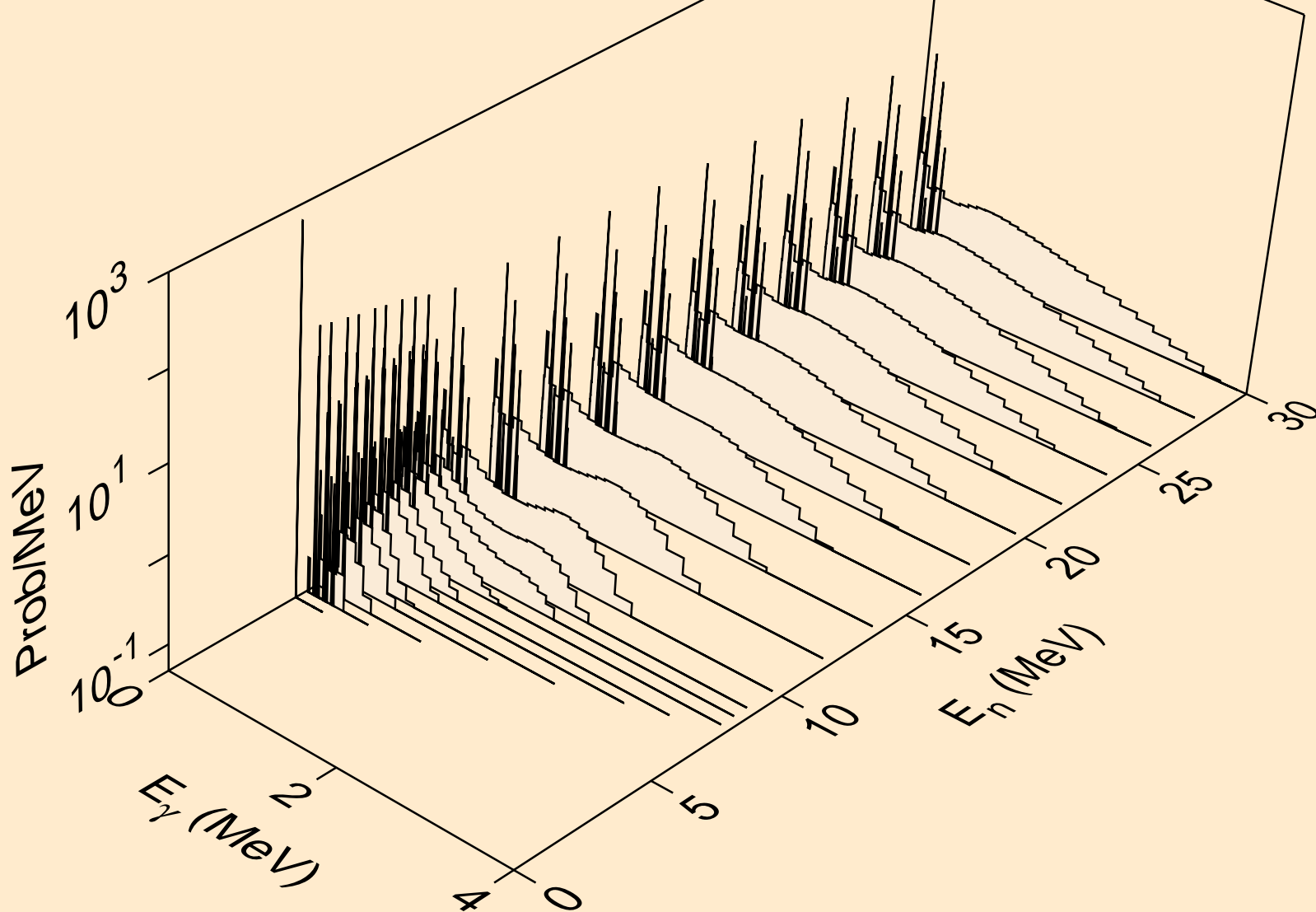
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



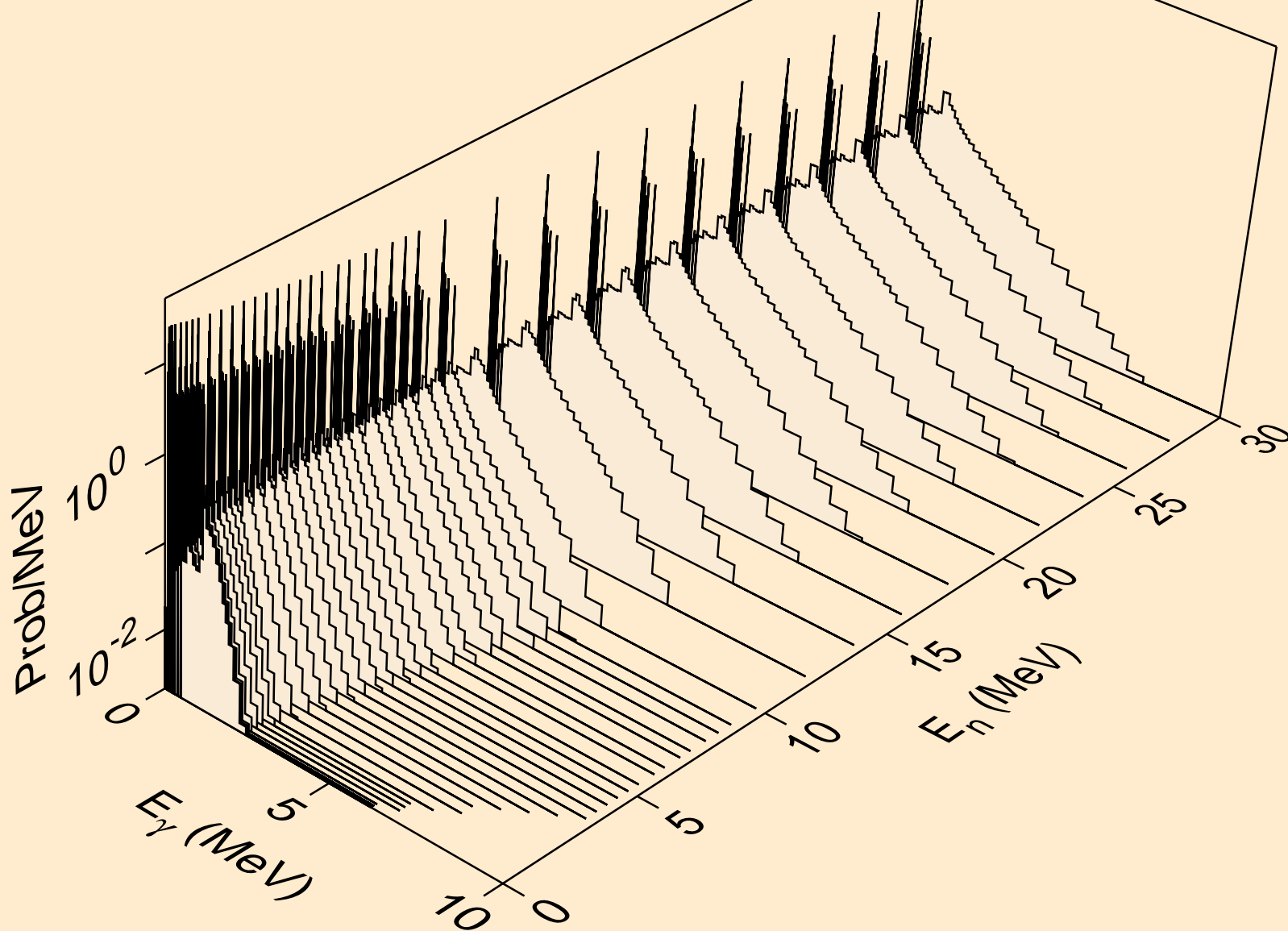
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



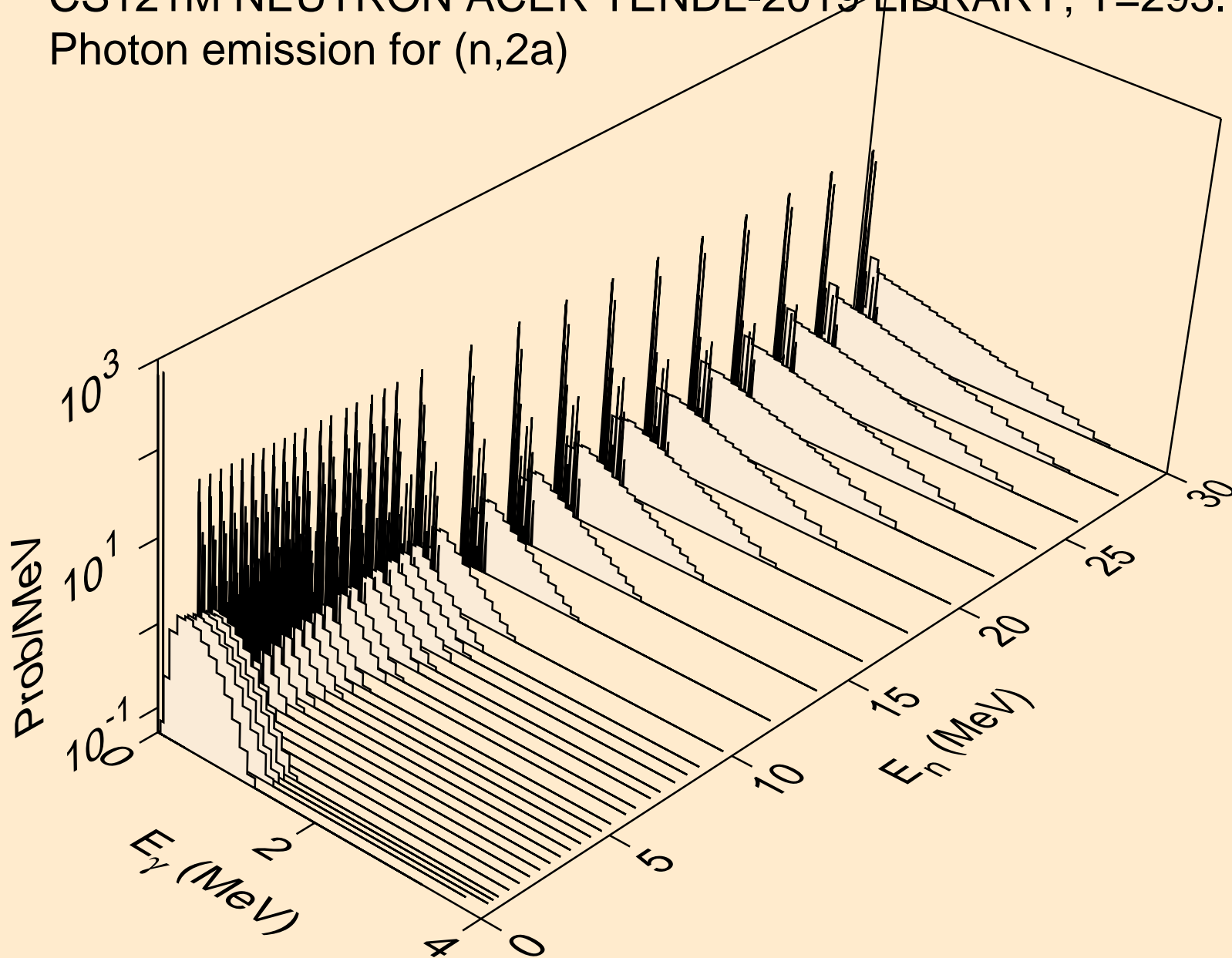
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



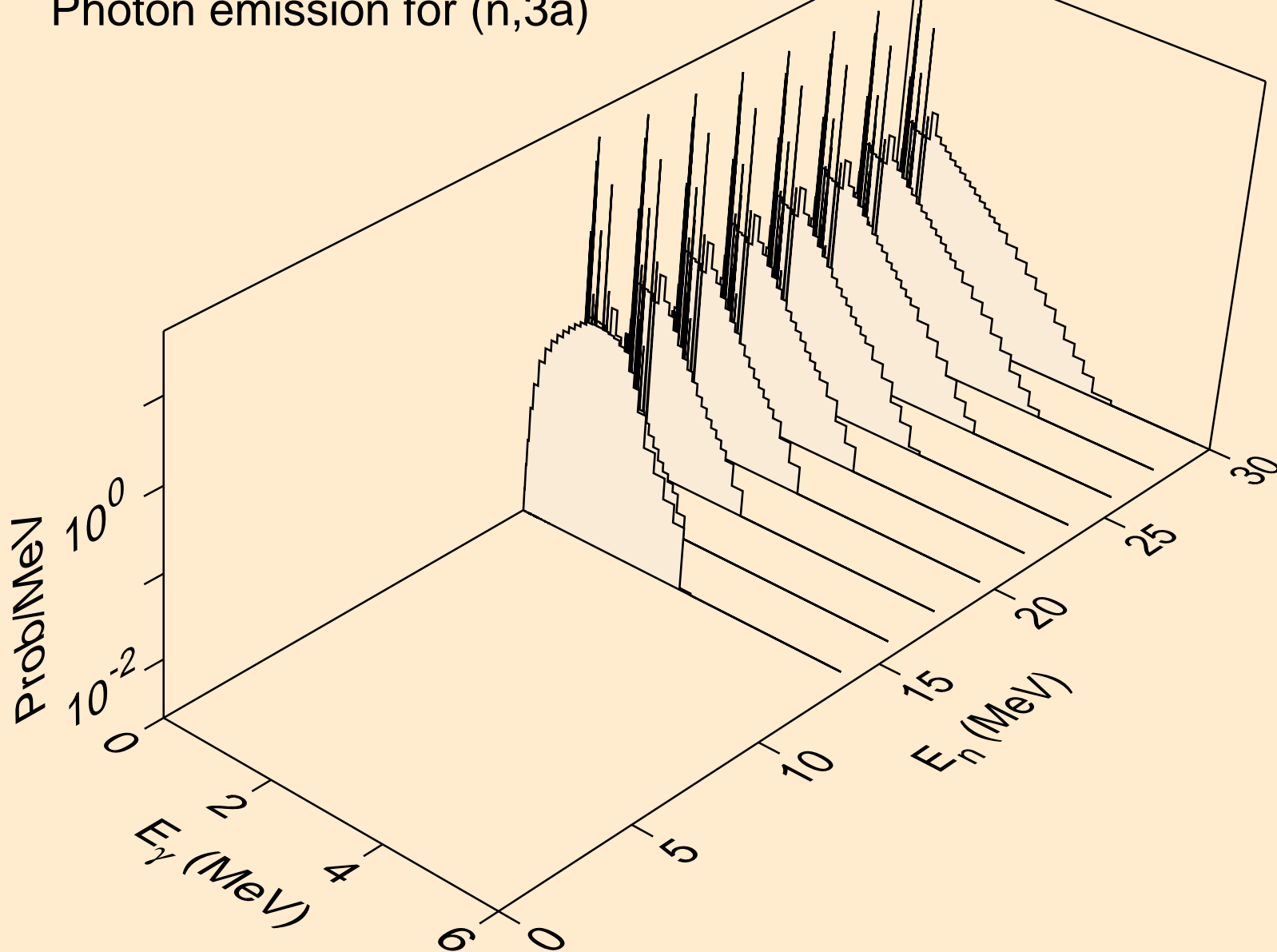
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)

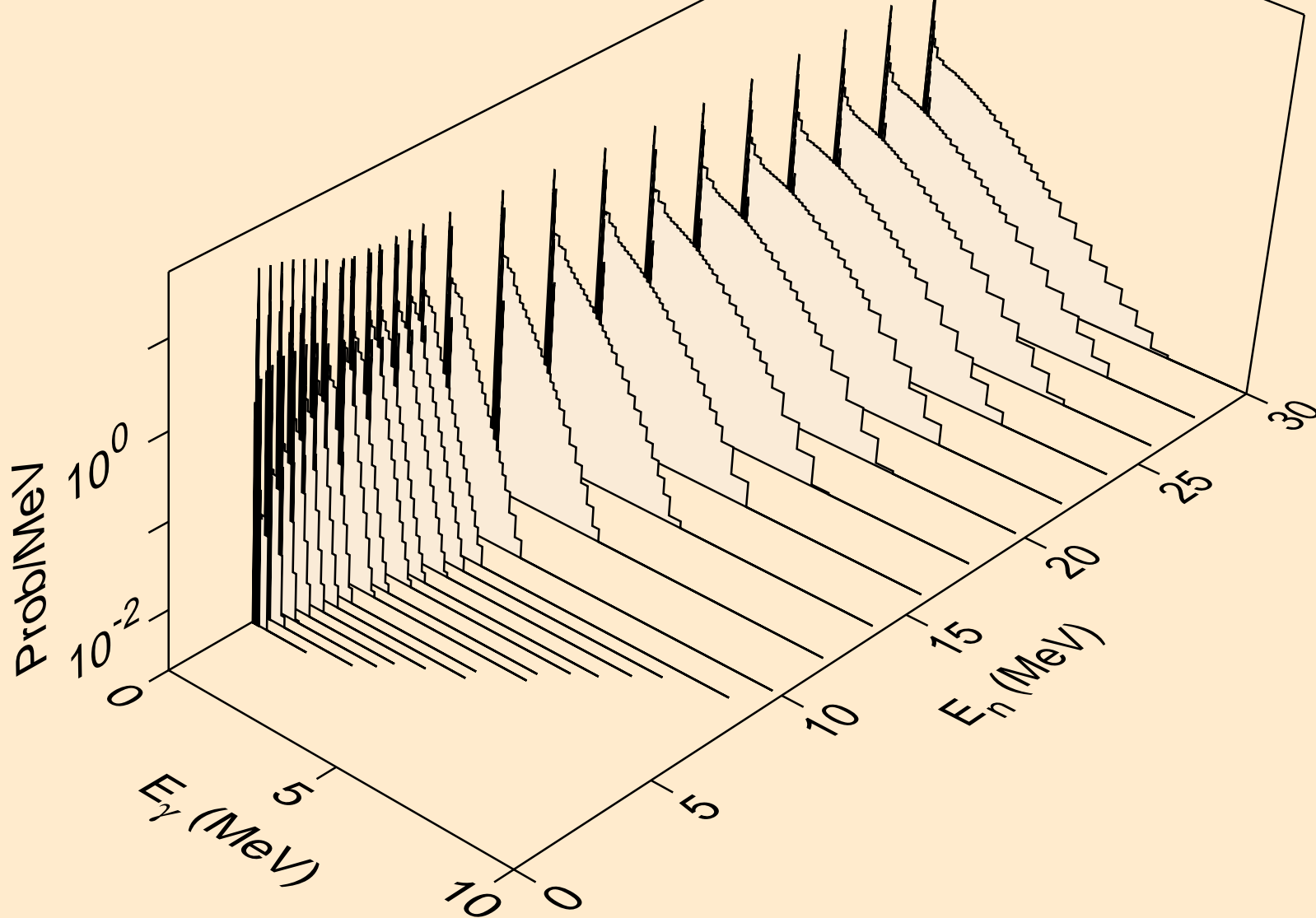


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3a)

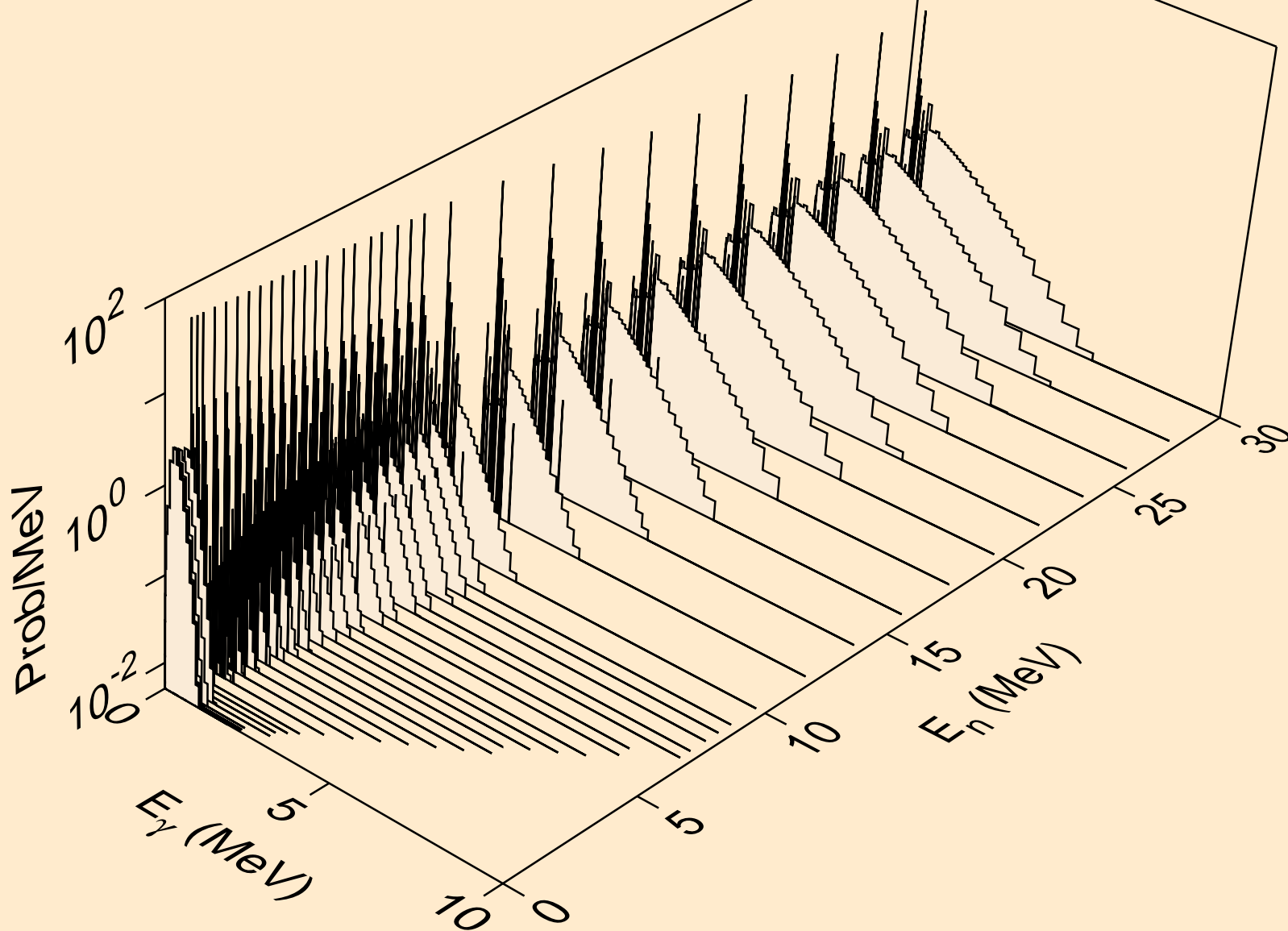




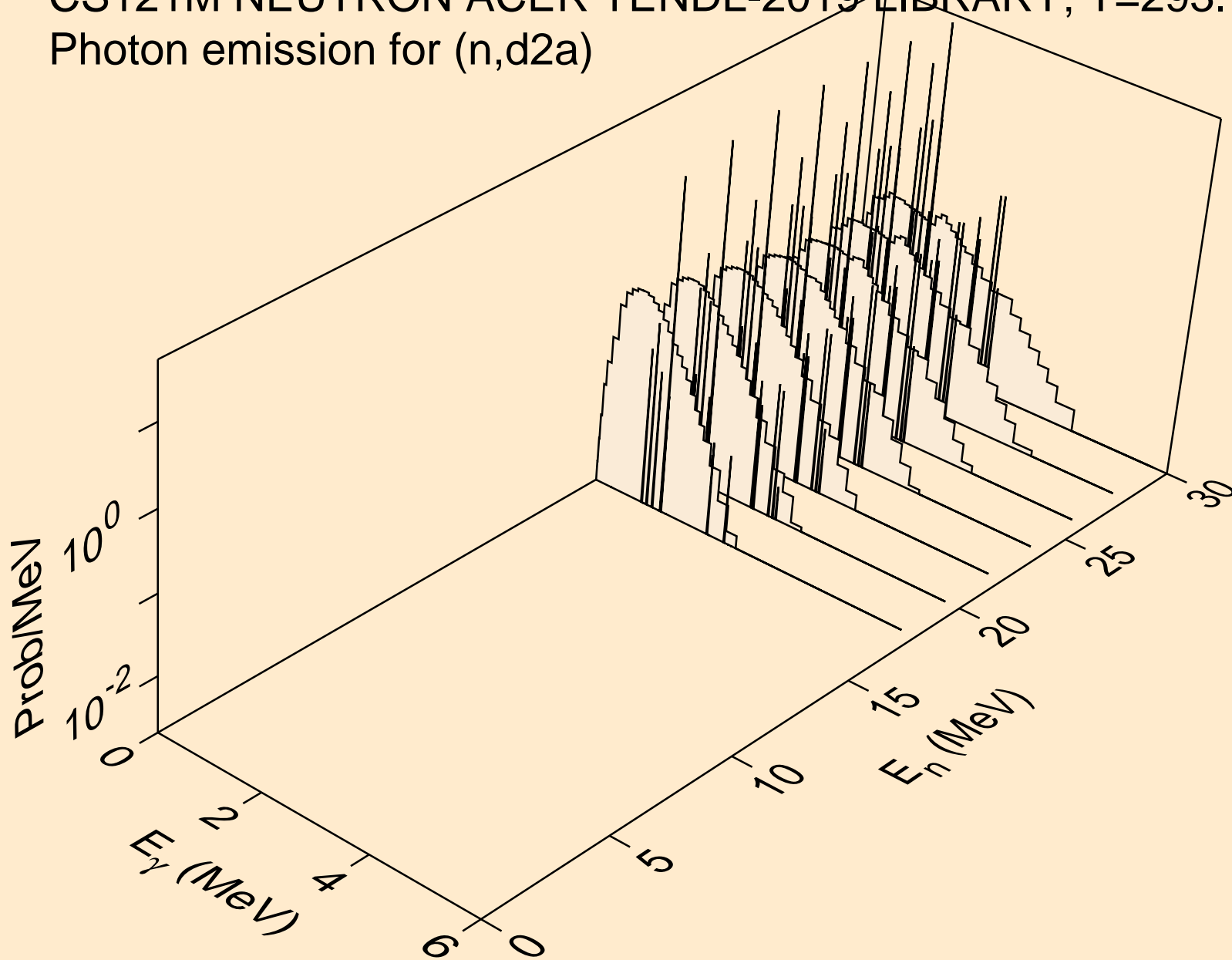
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



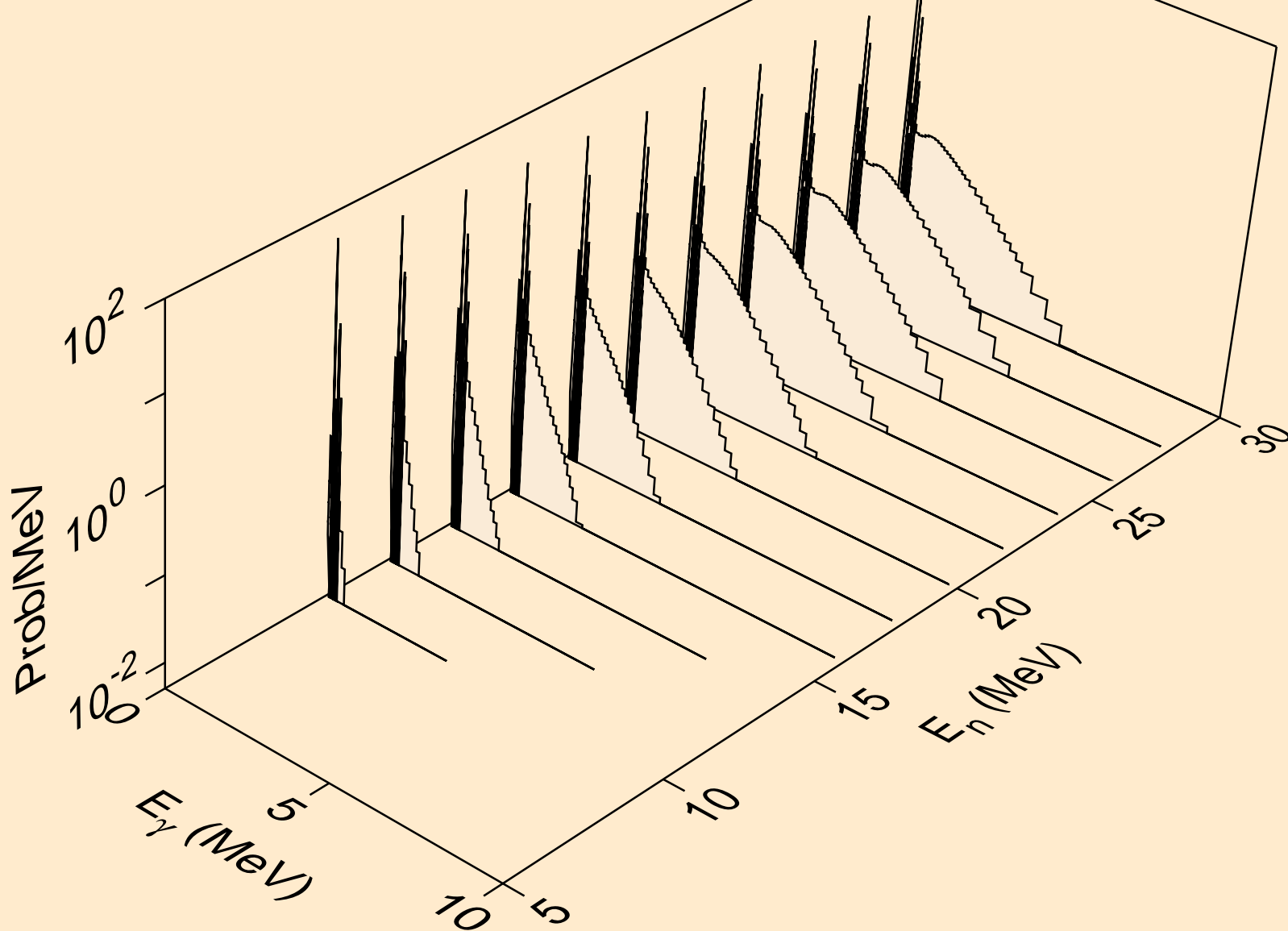
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )



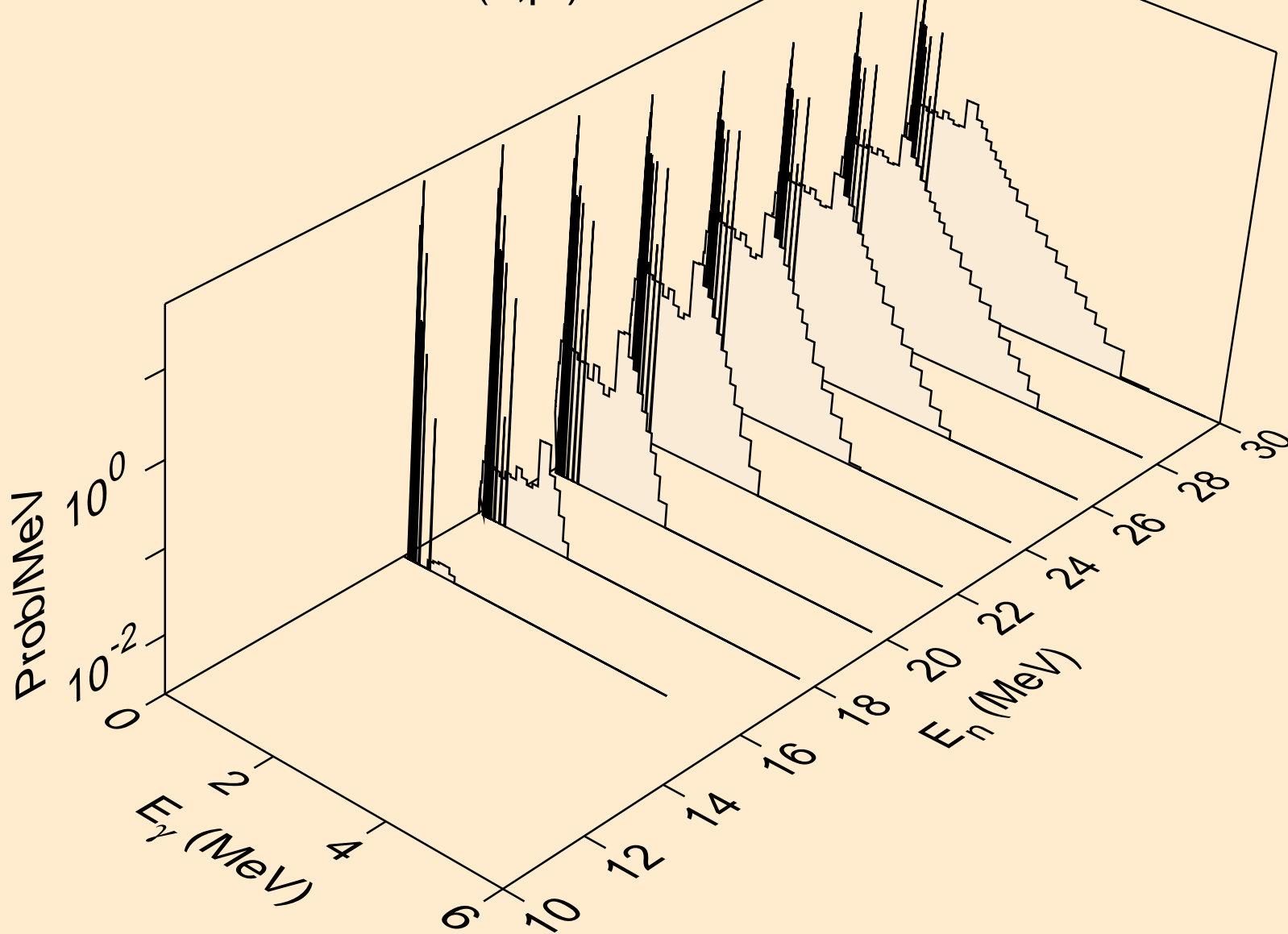
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d2a)



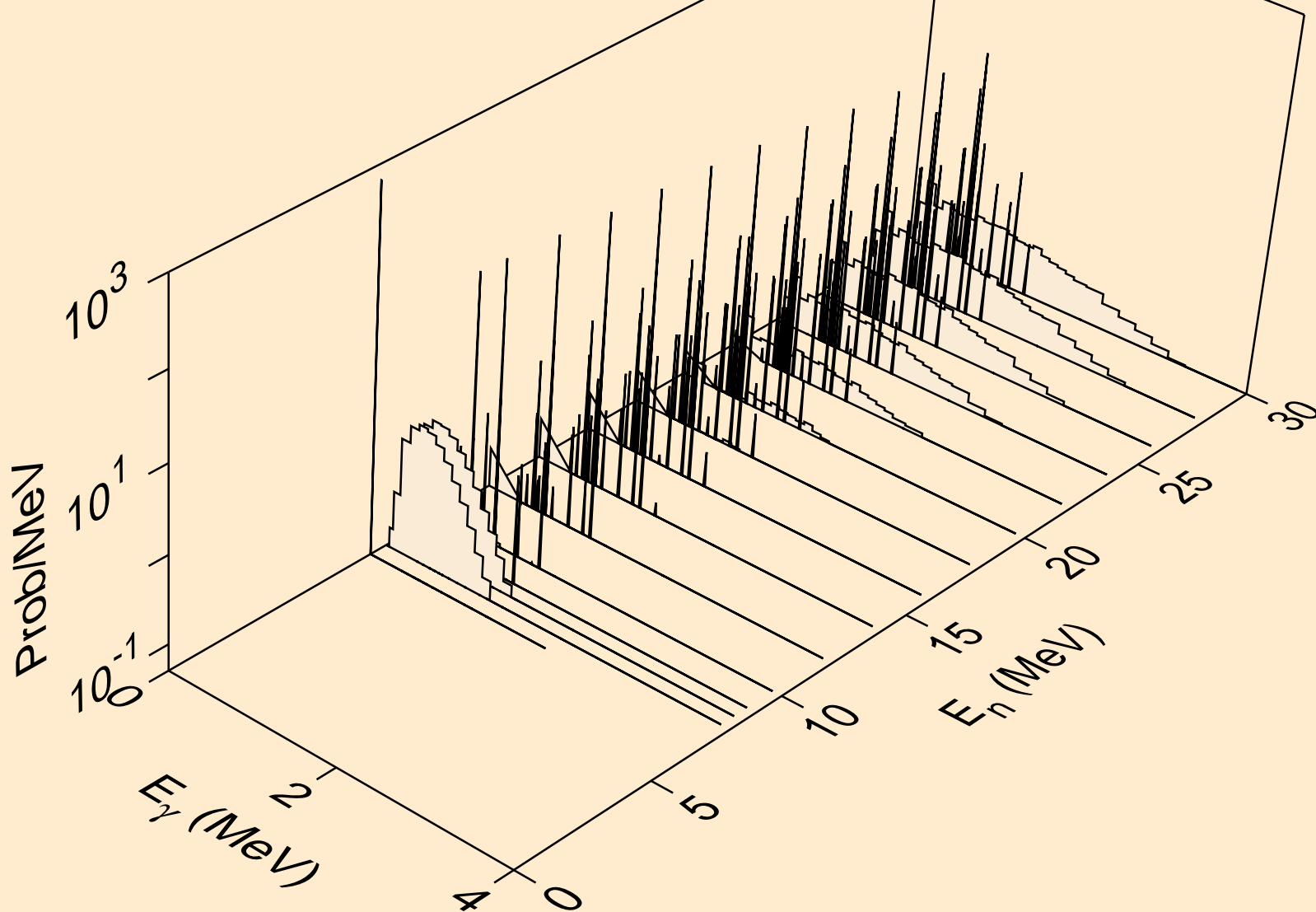
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



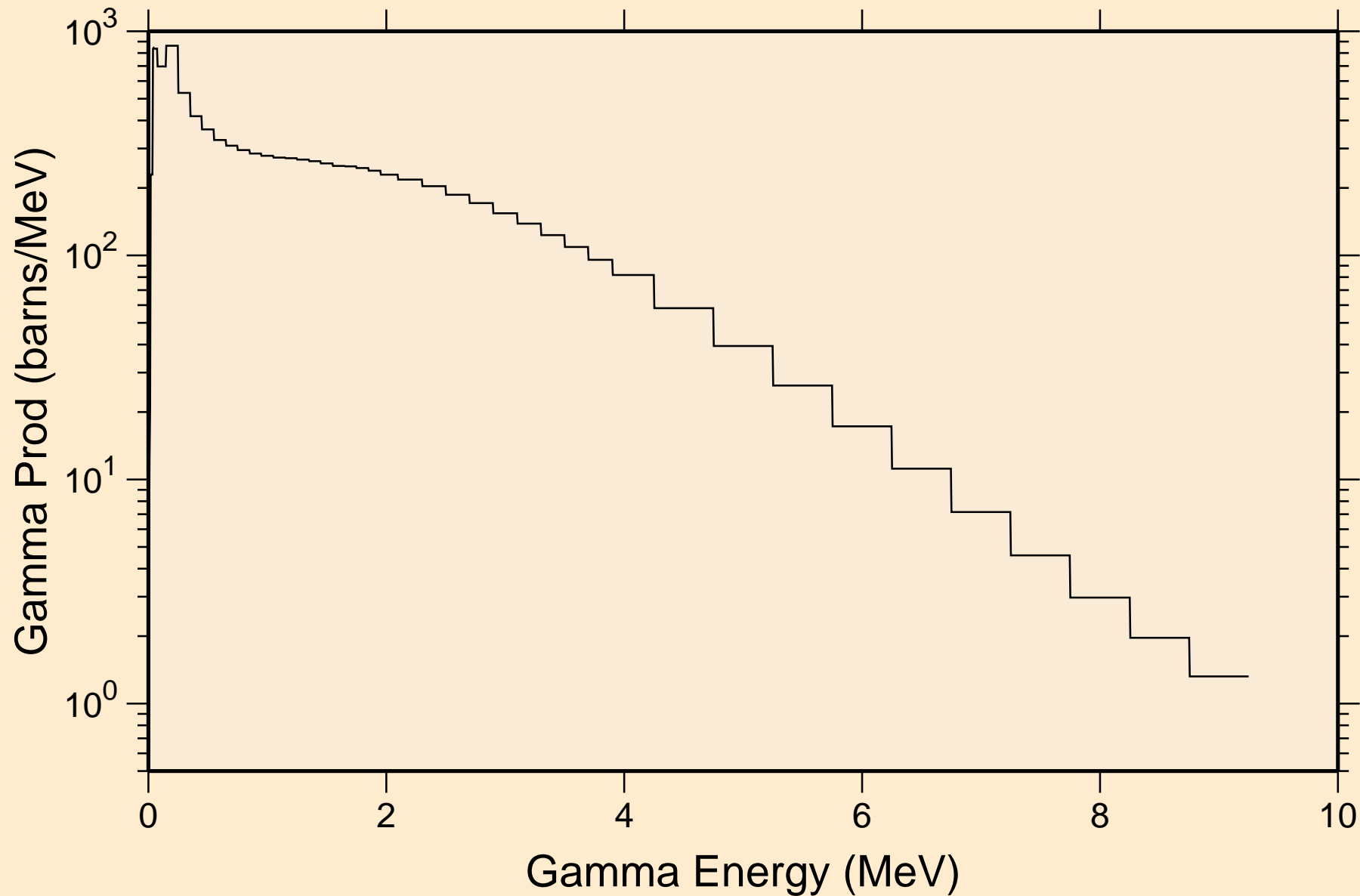
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



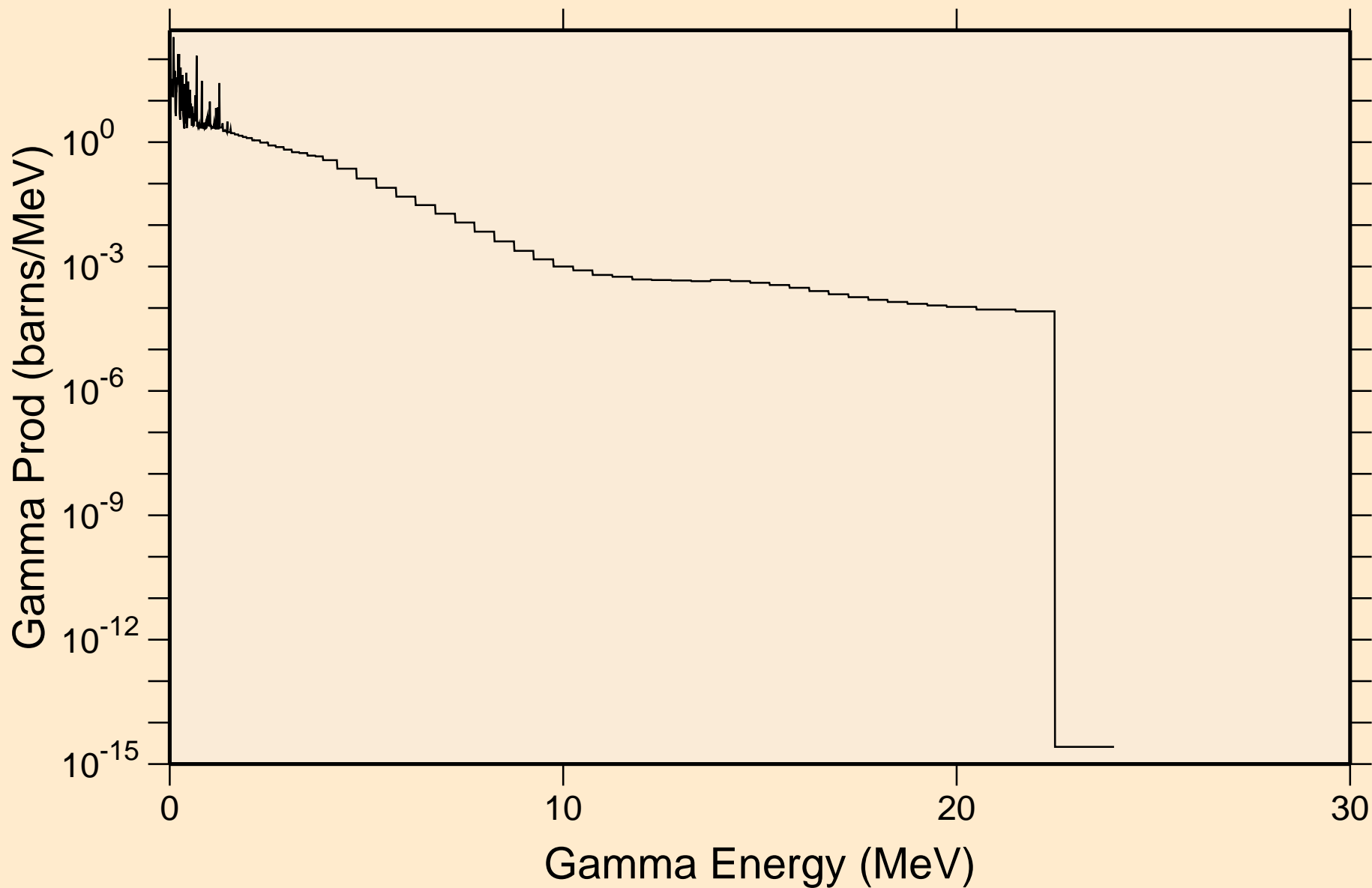
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



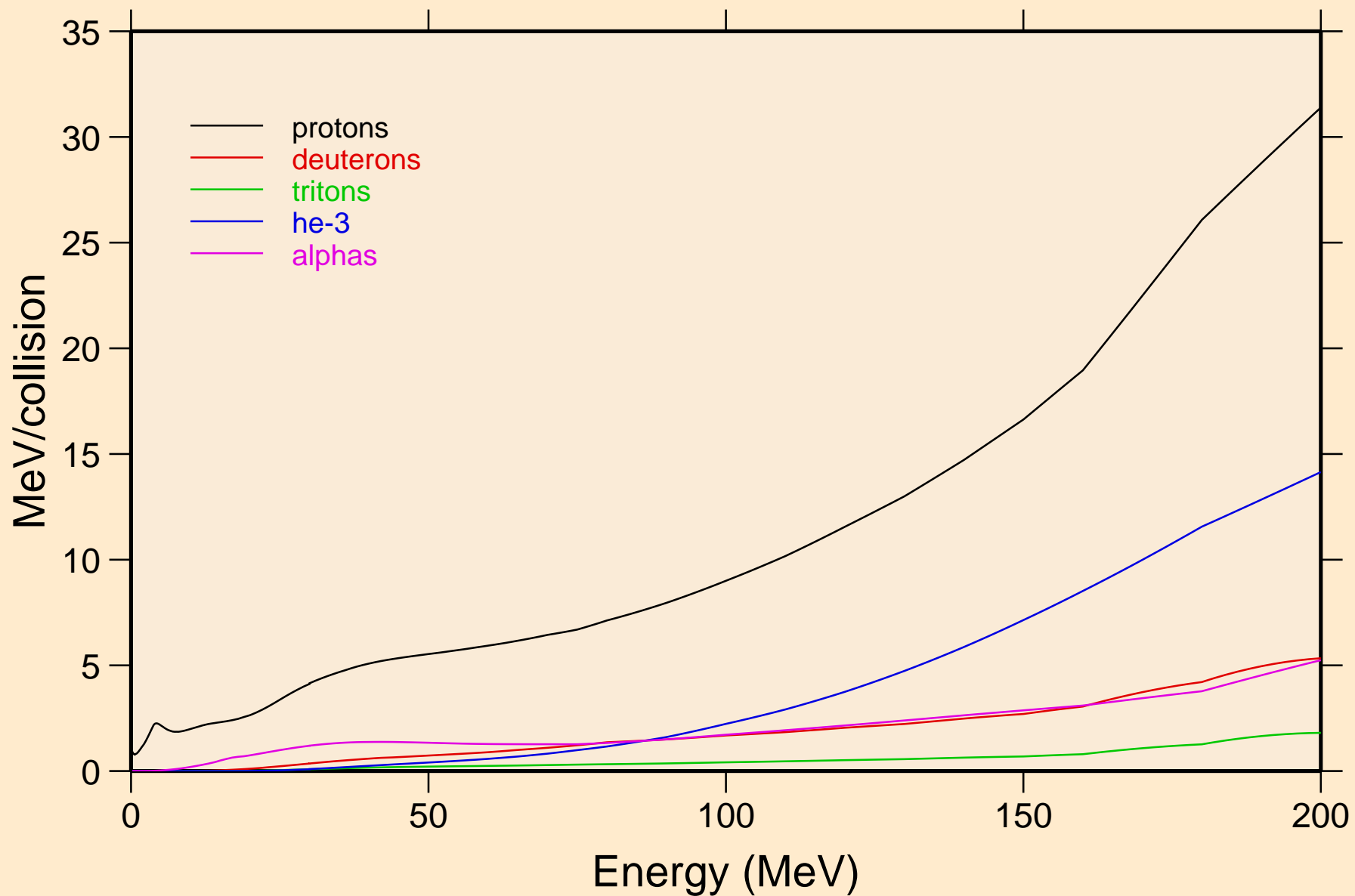
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



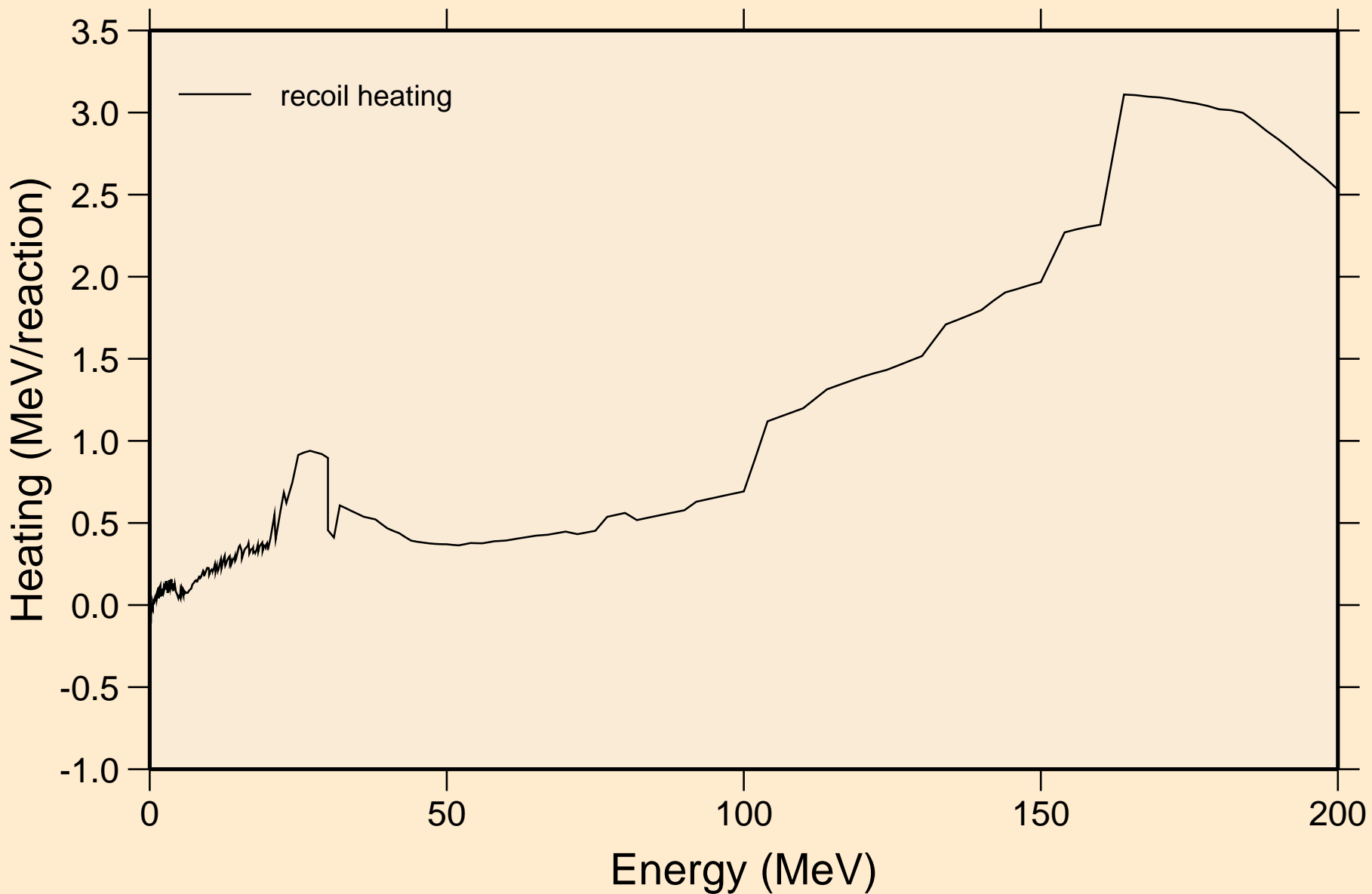


# CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

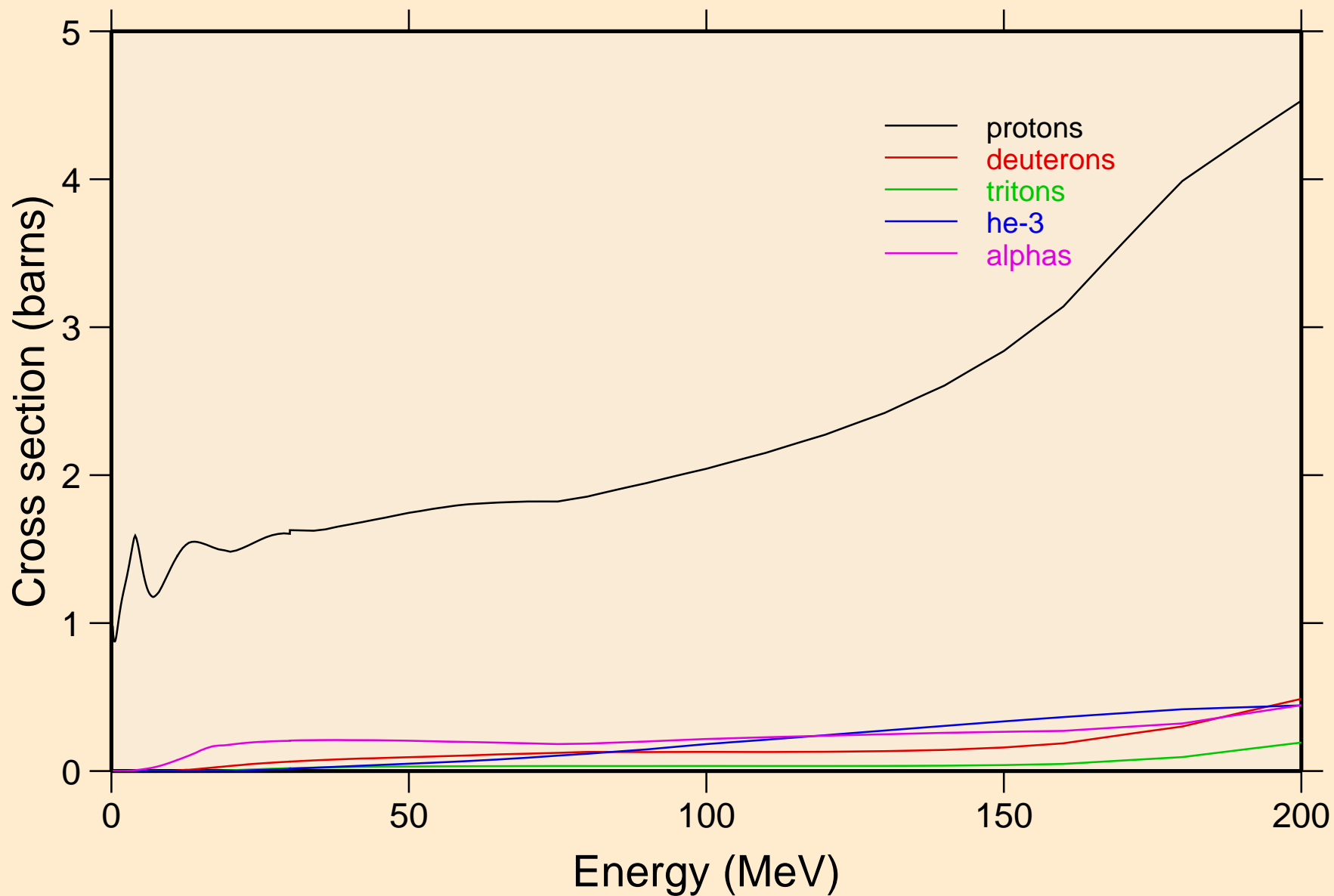
## Particle heating contributions



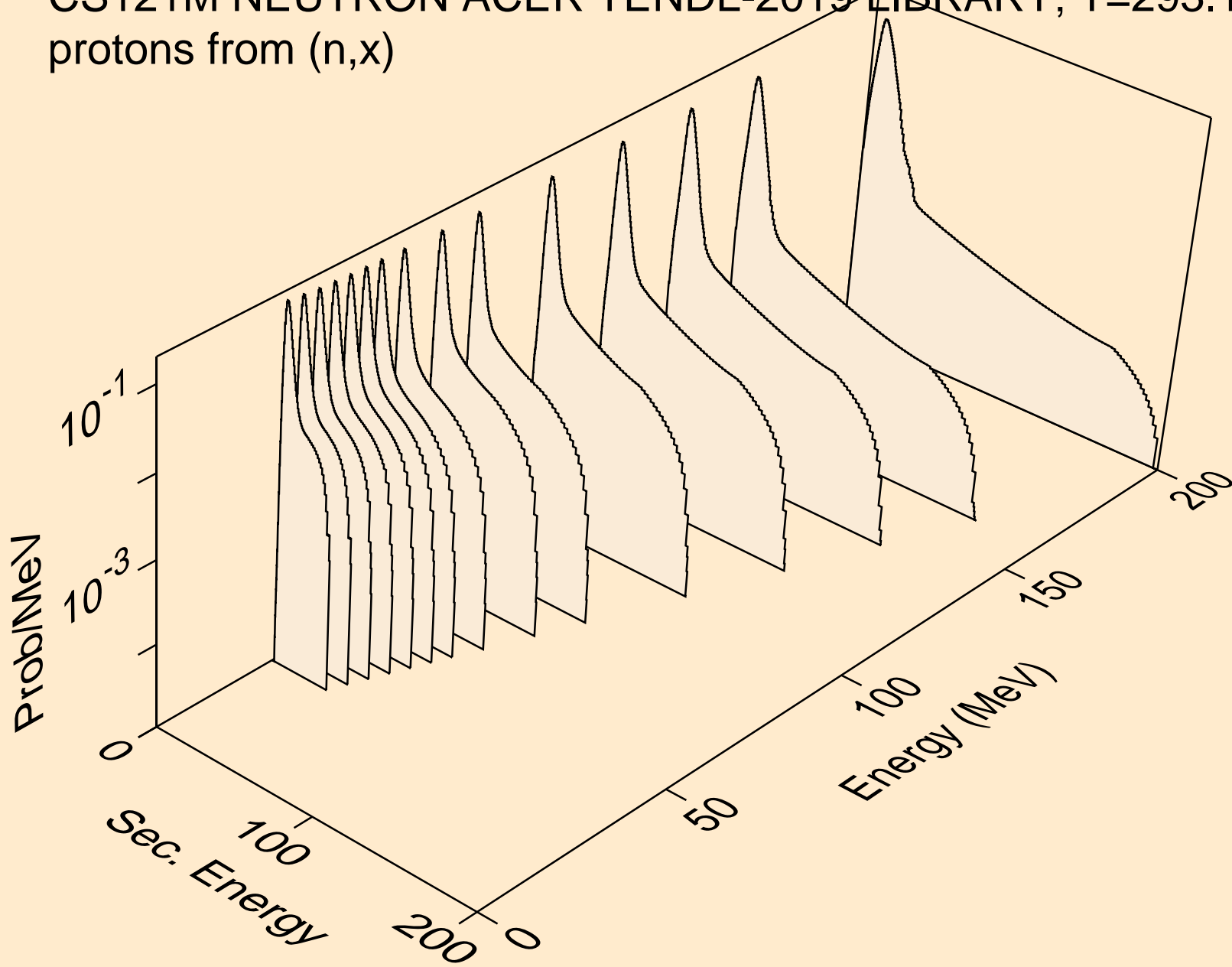
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



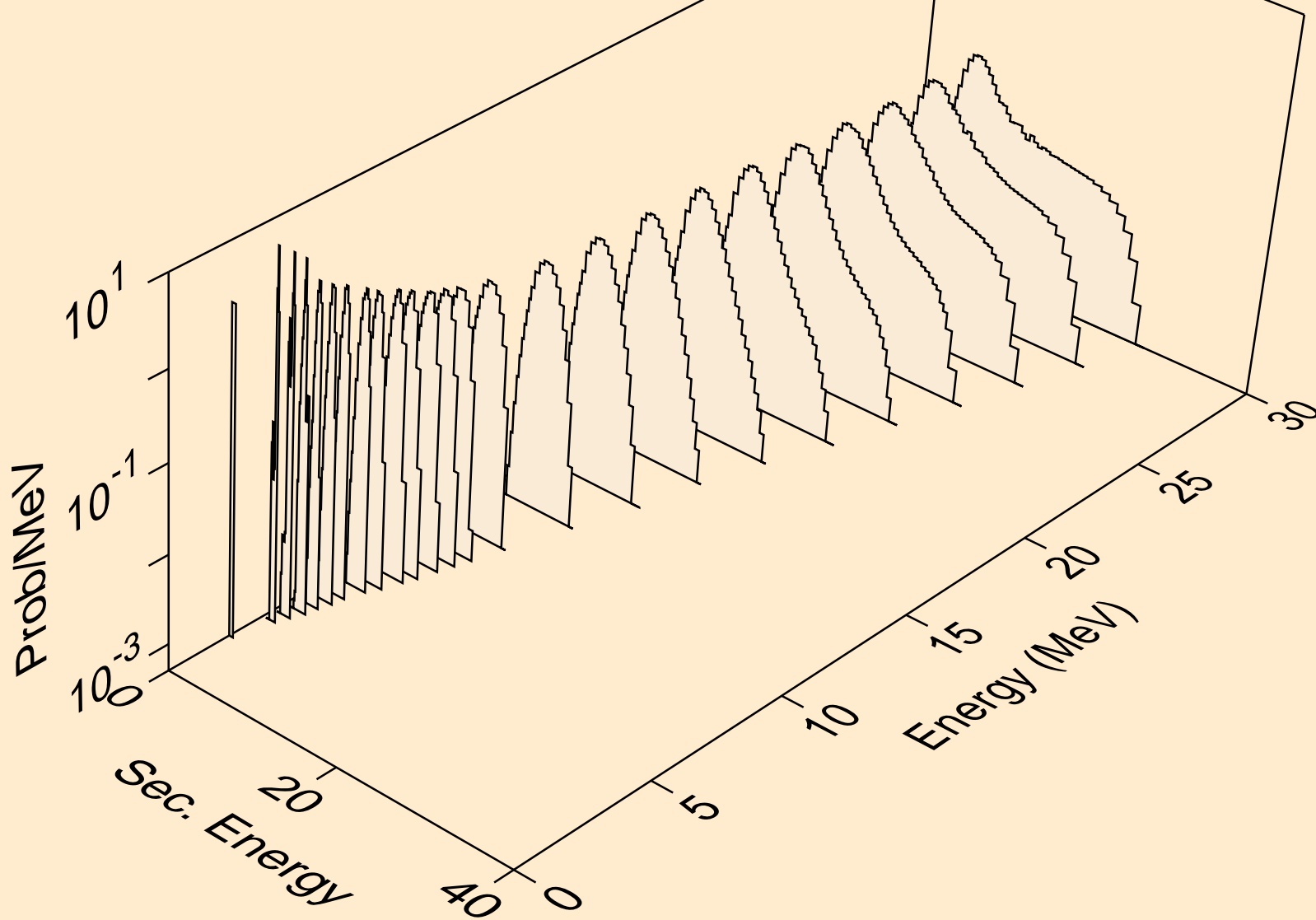
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



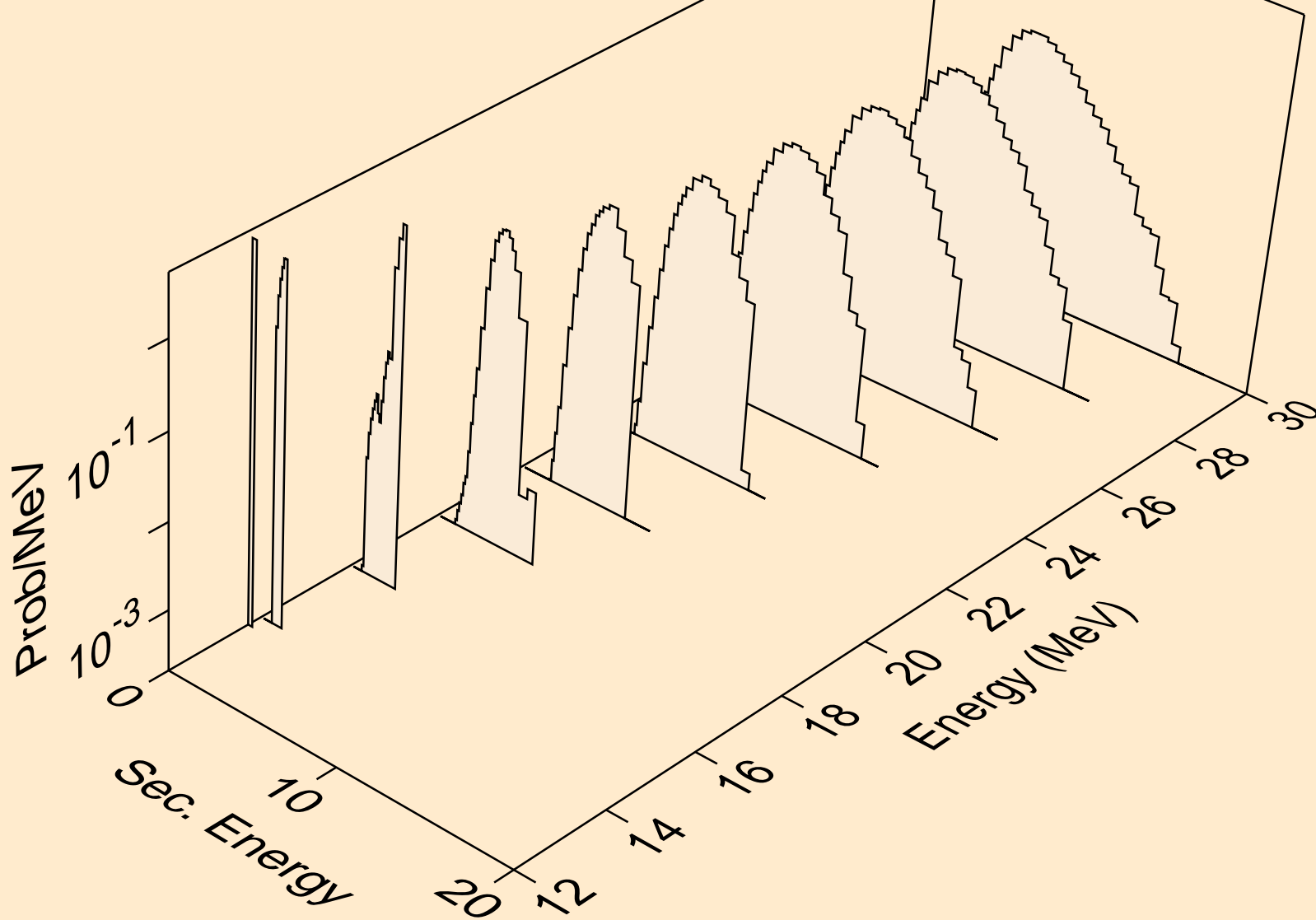
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



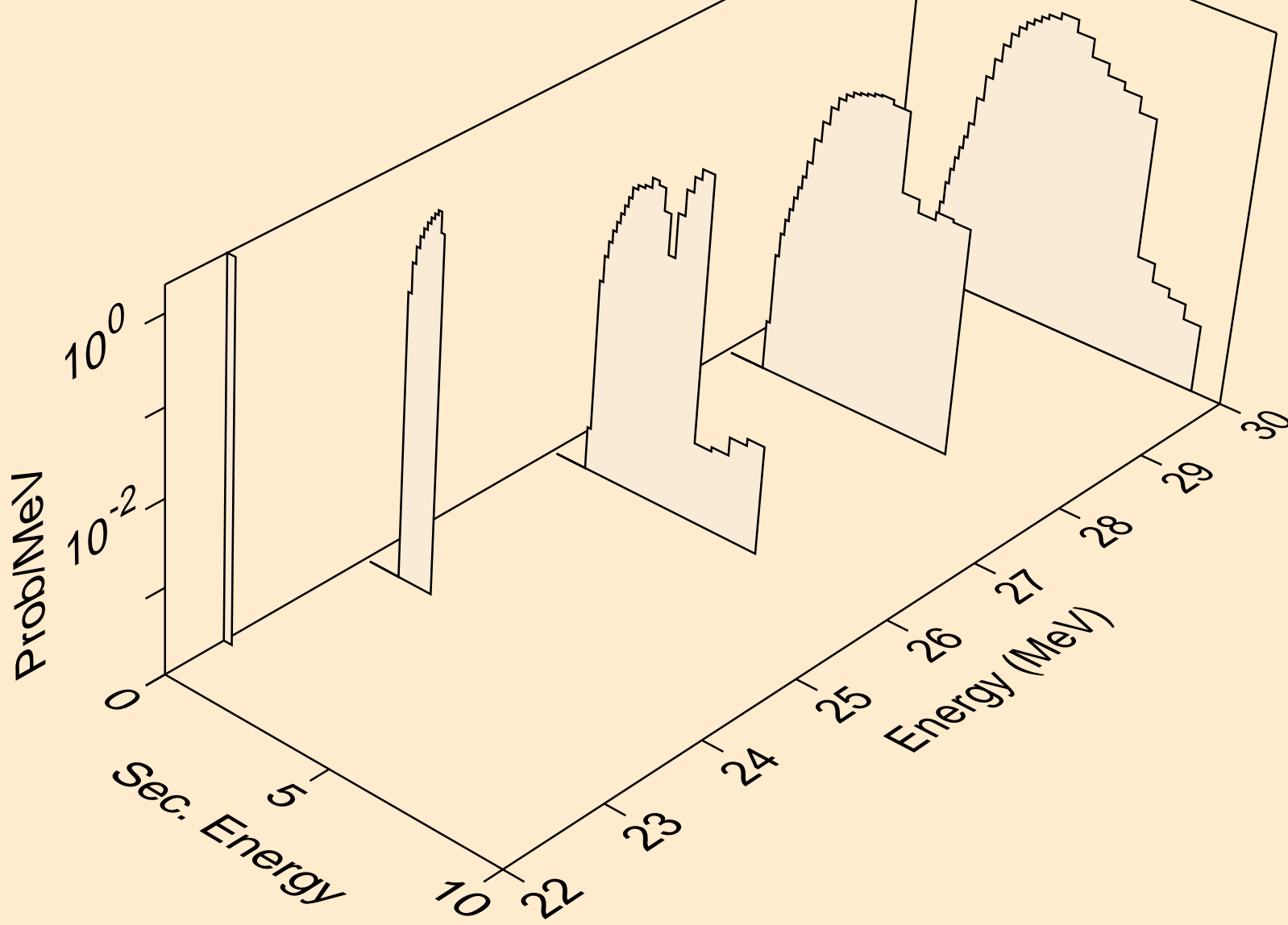
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



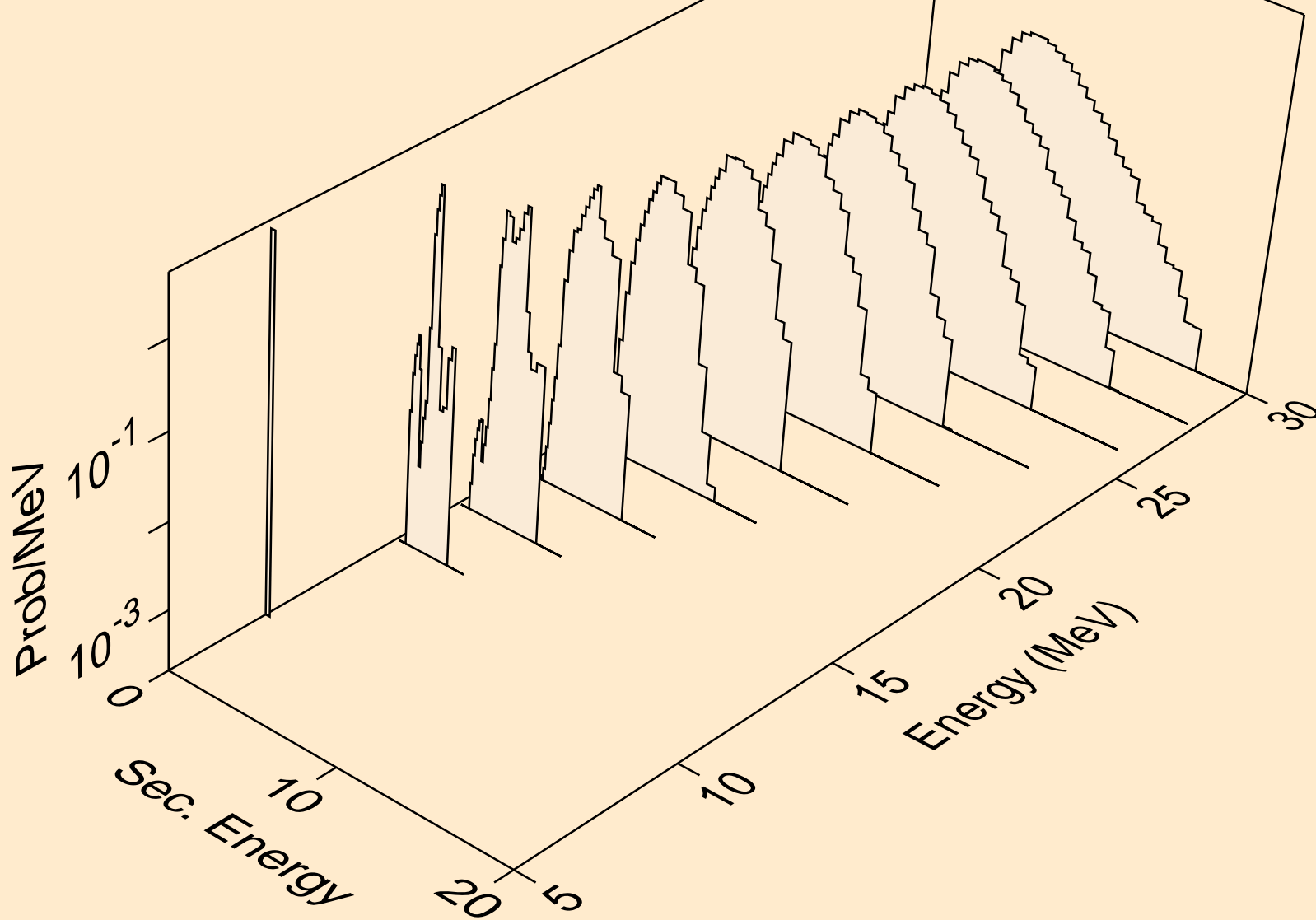
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)

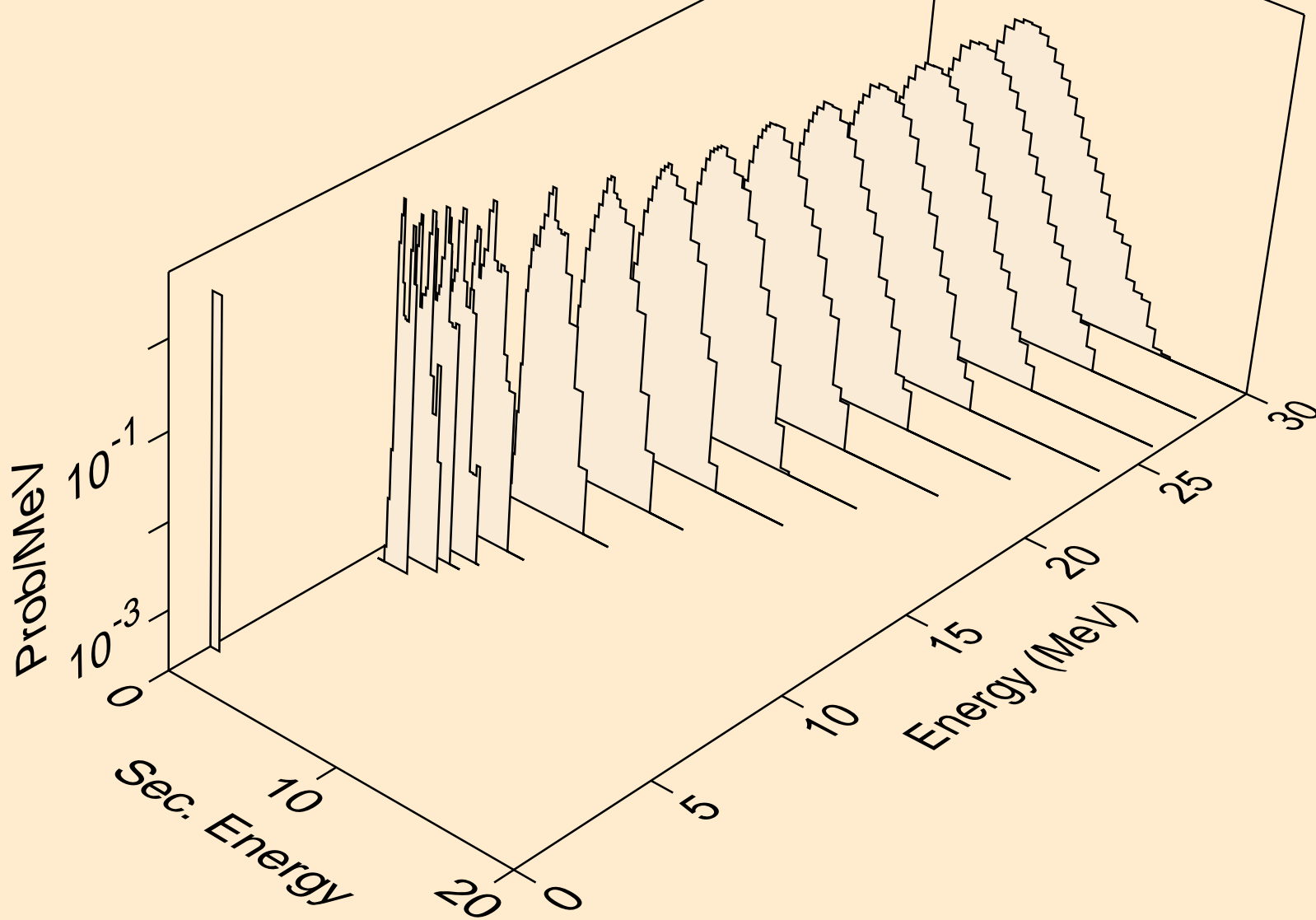


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

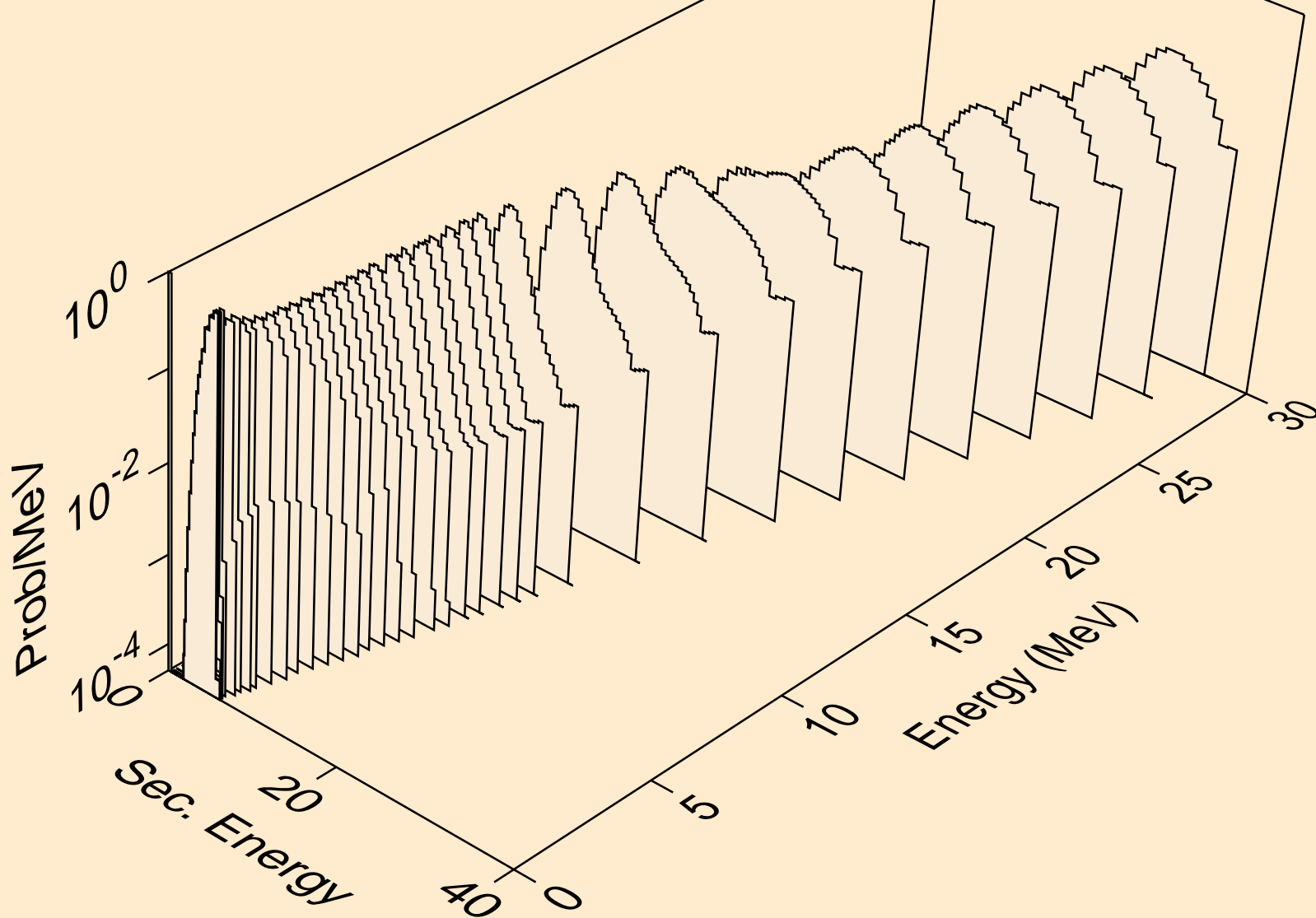




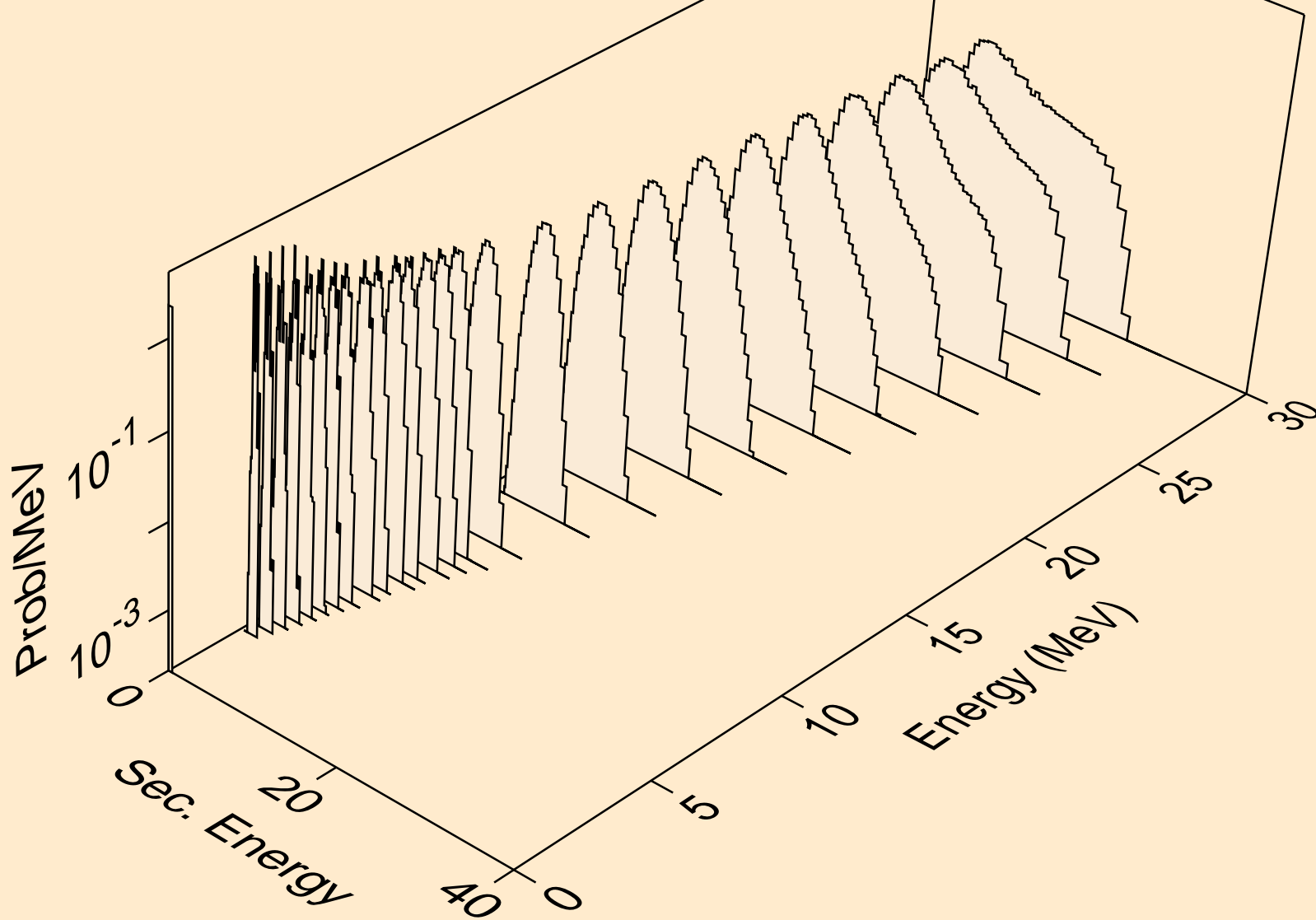
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



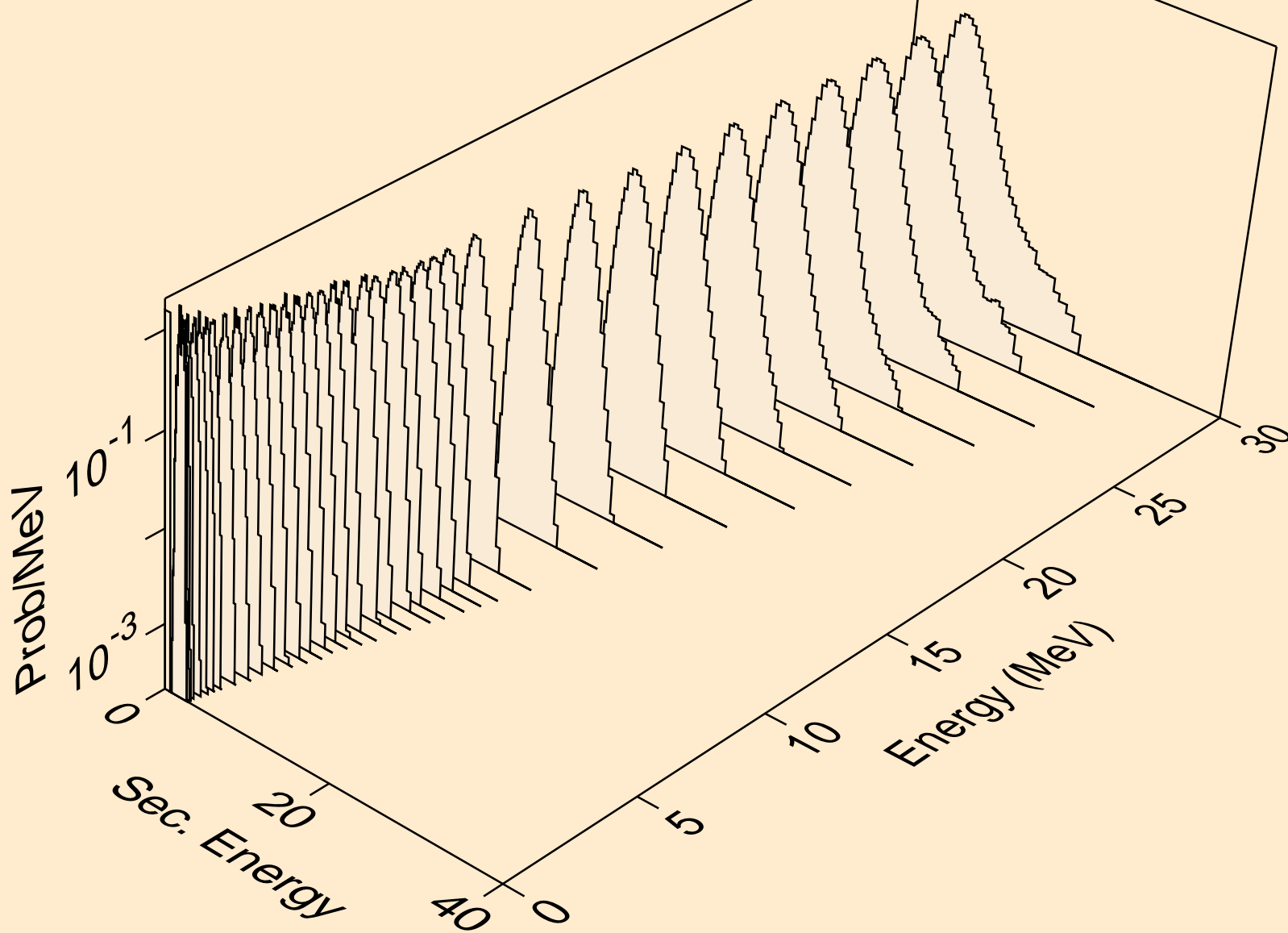
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



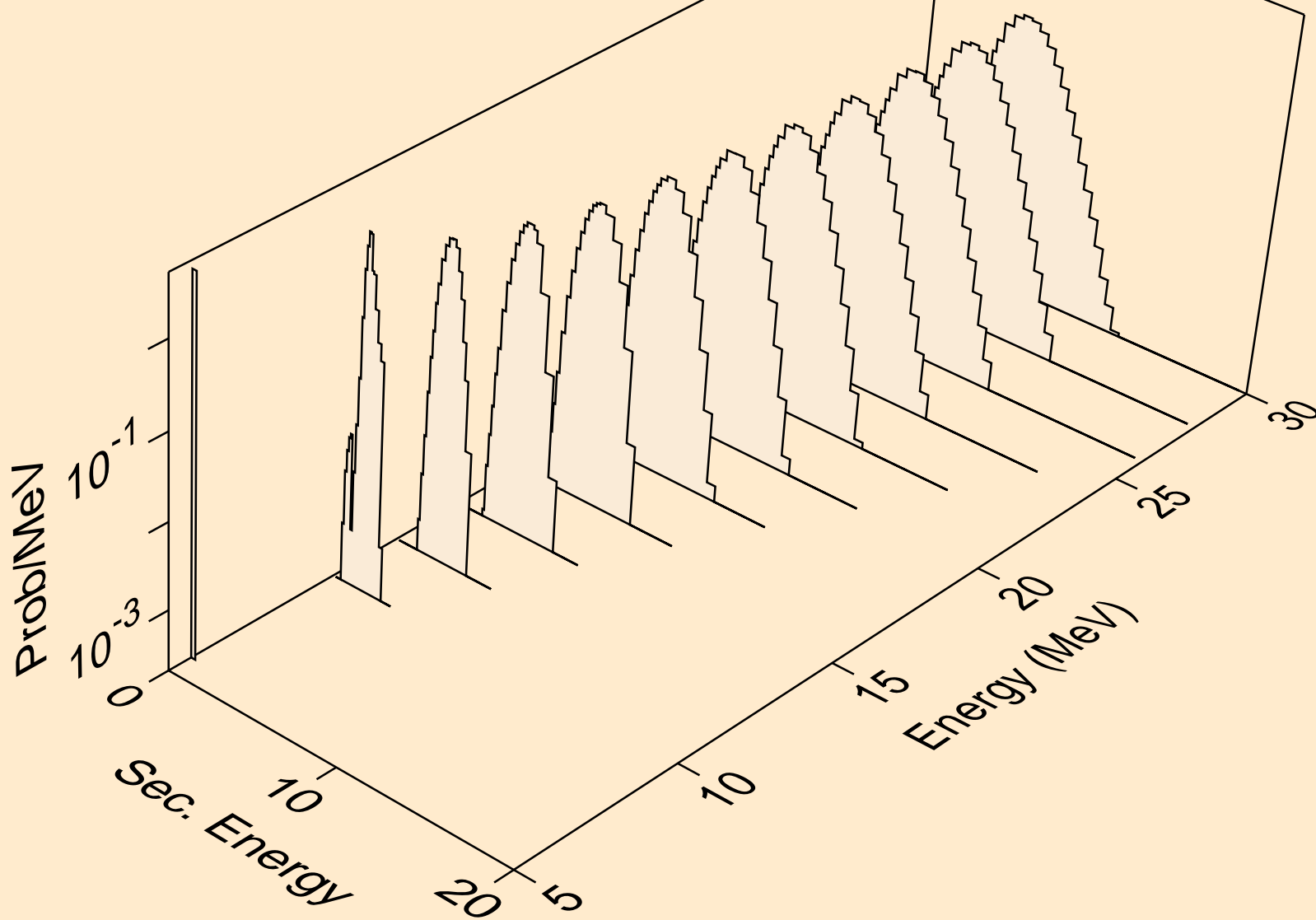
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



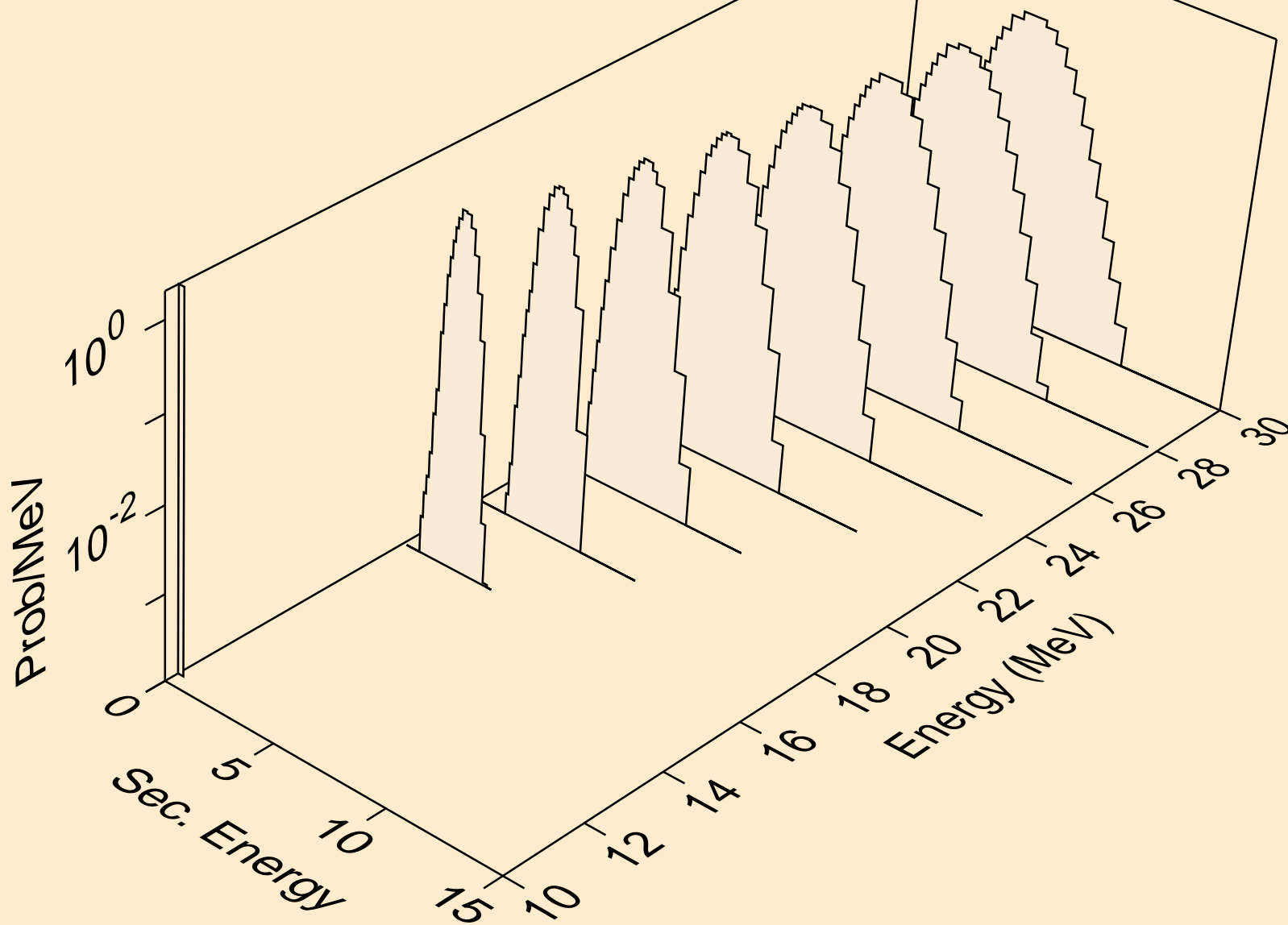
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



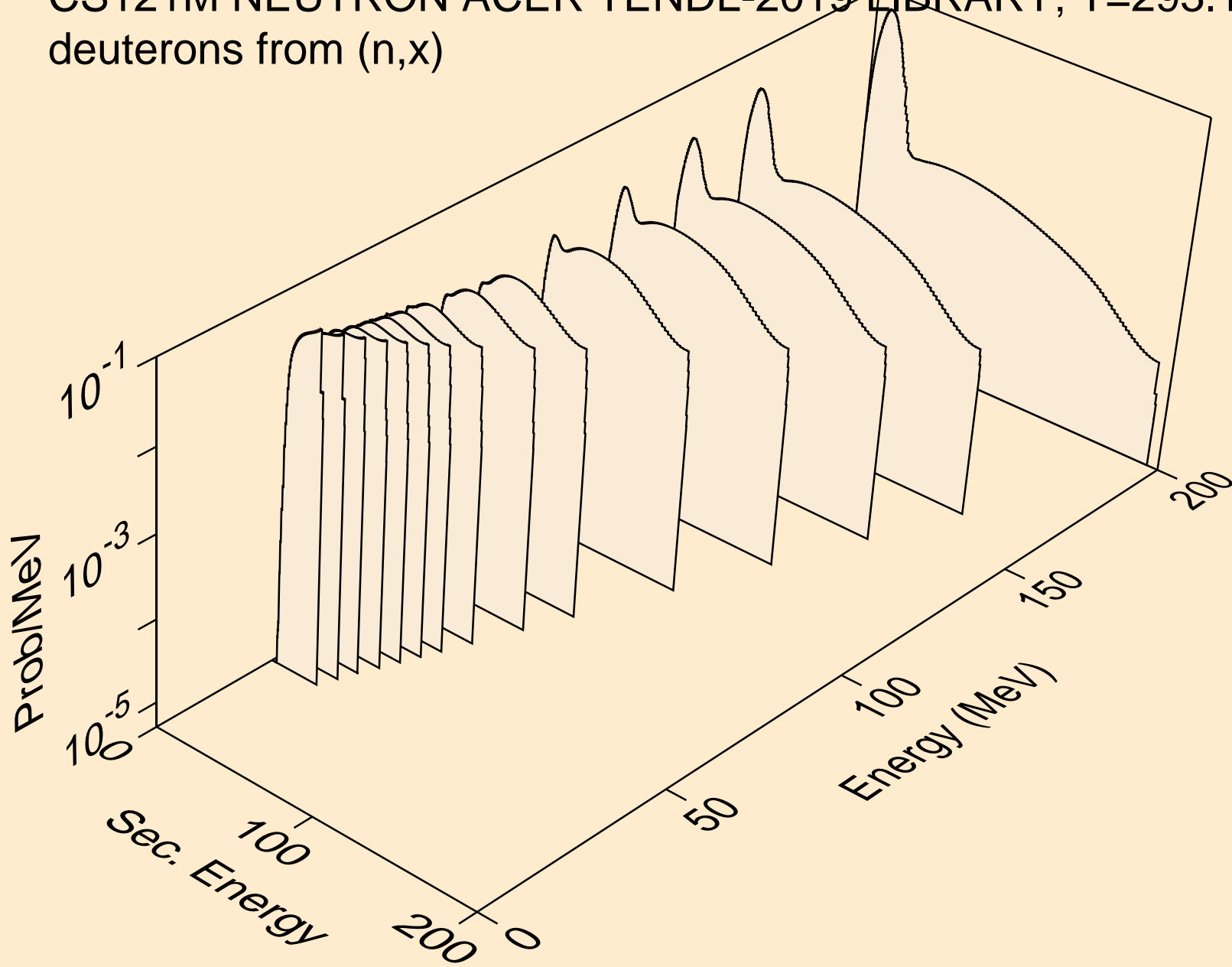
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



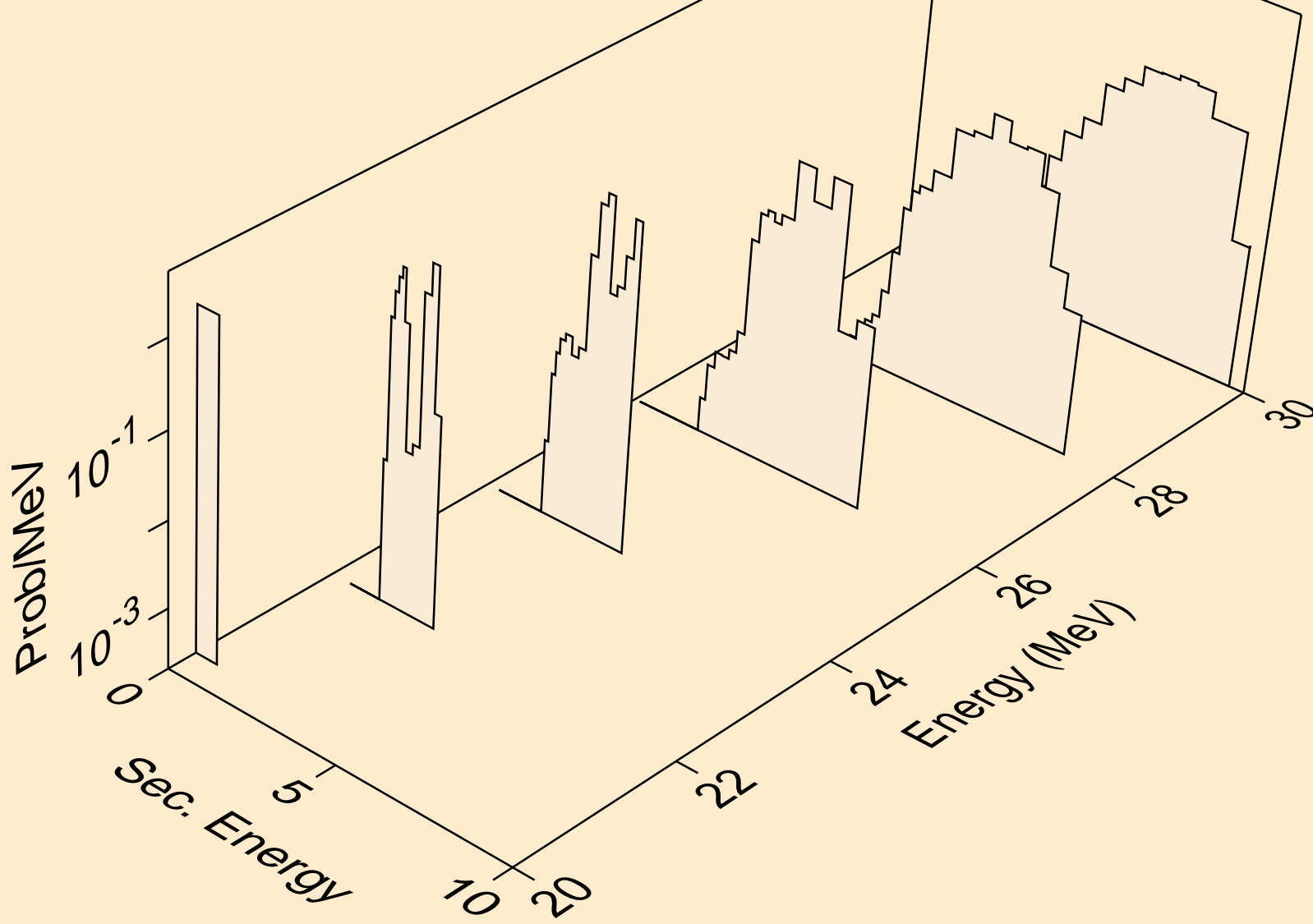
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

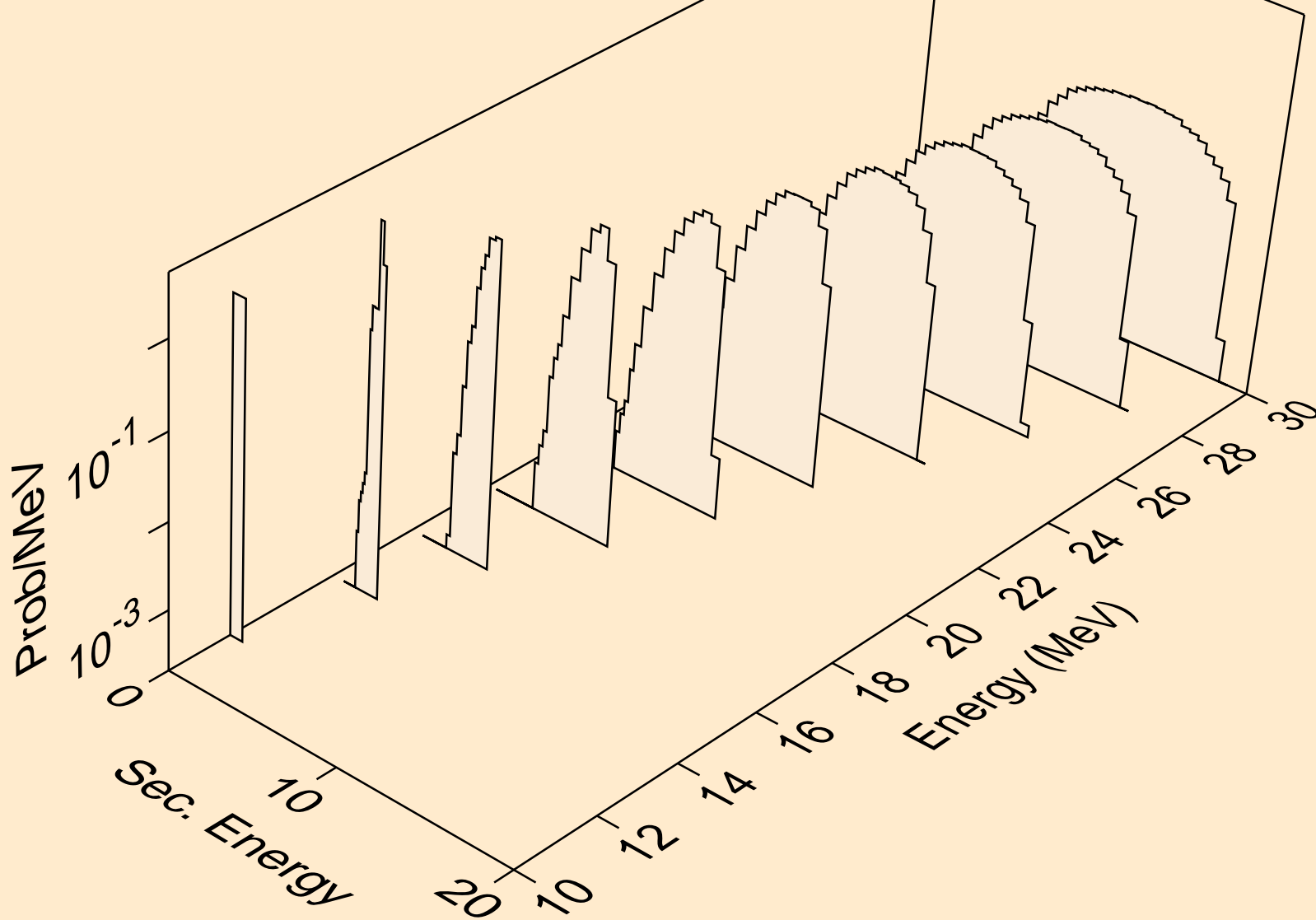


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)

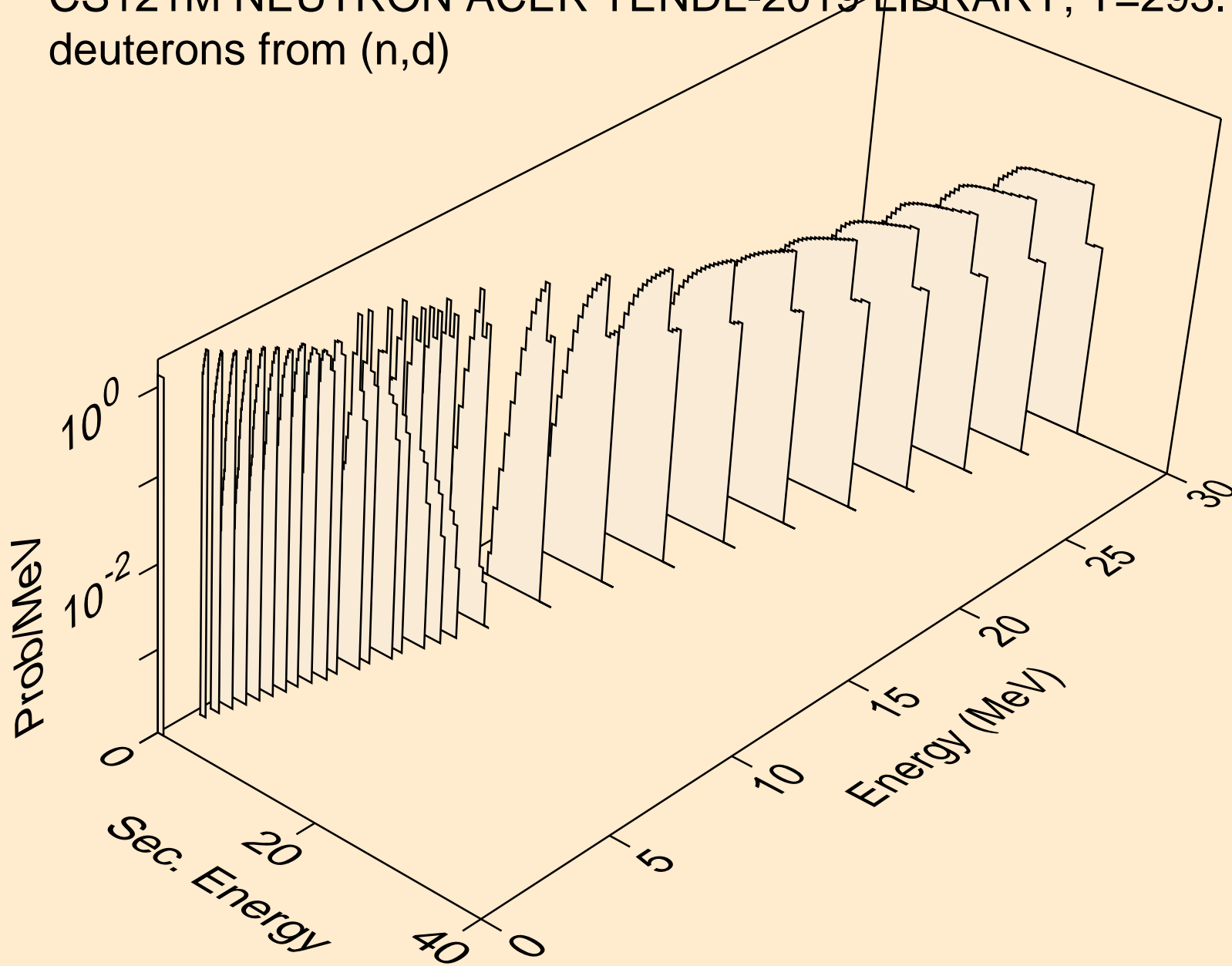




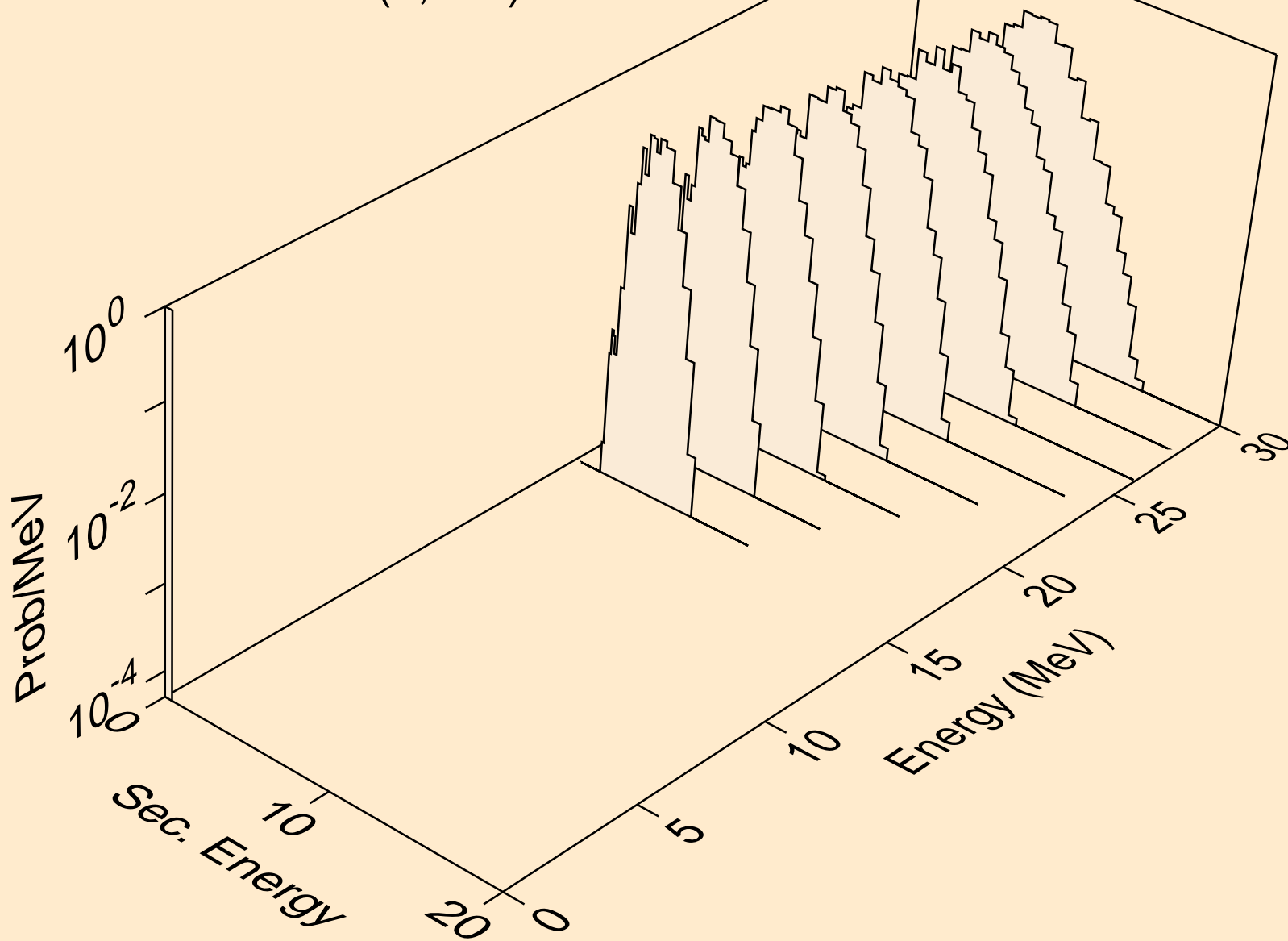
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



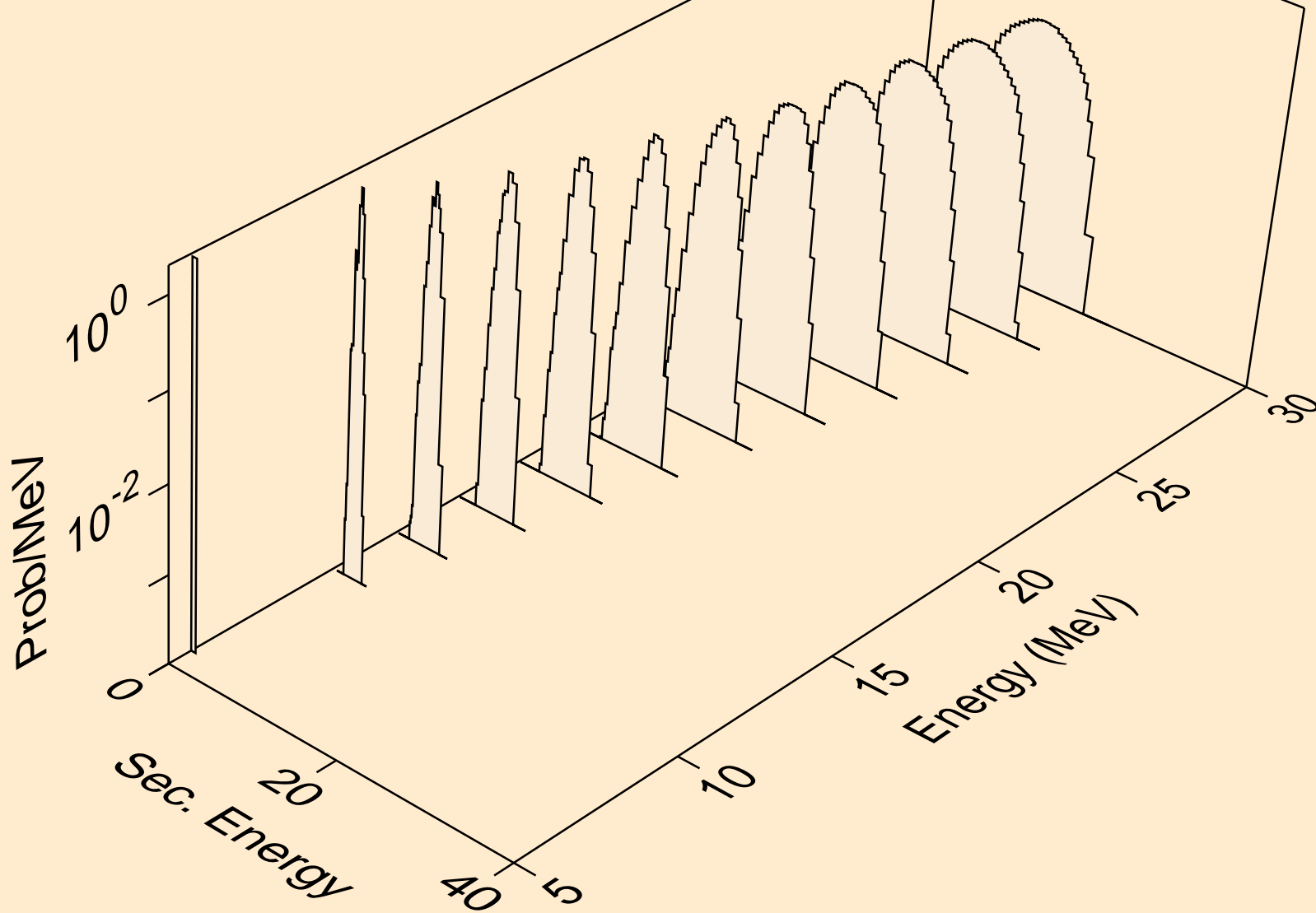
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



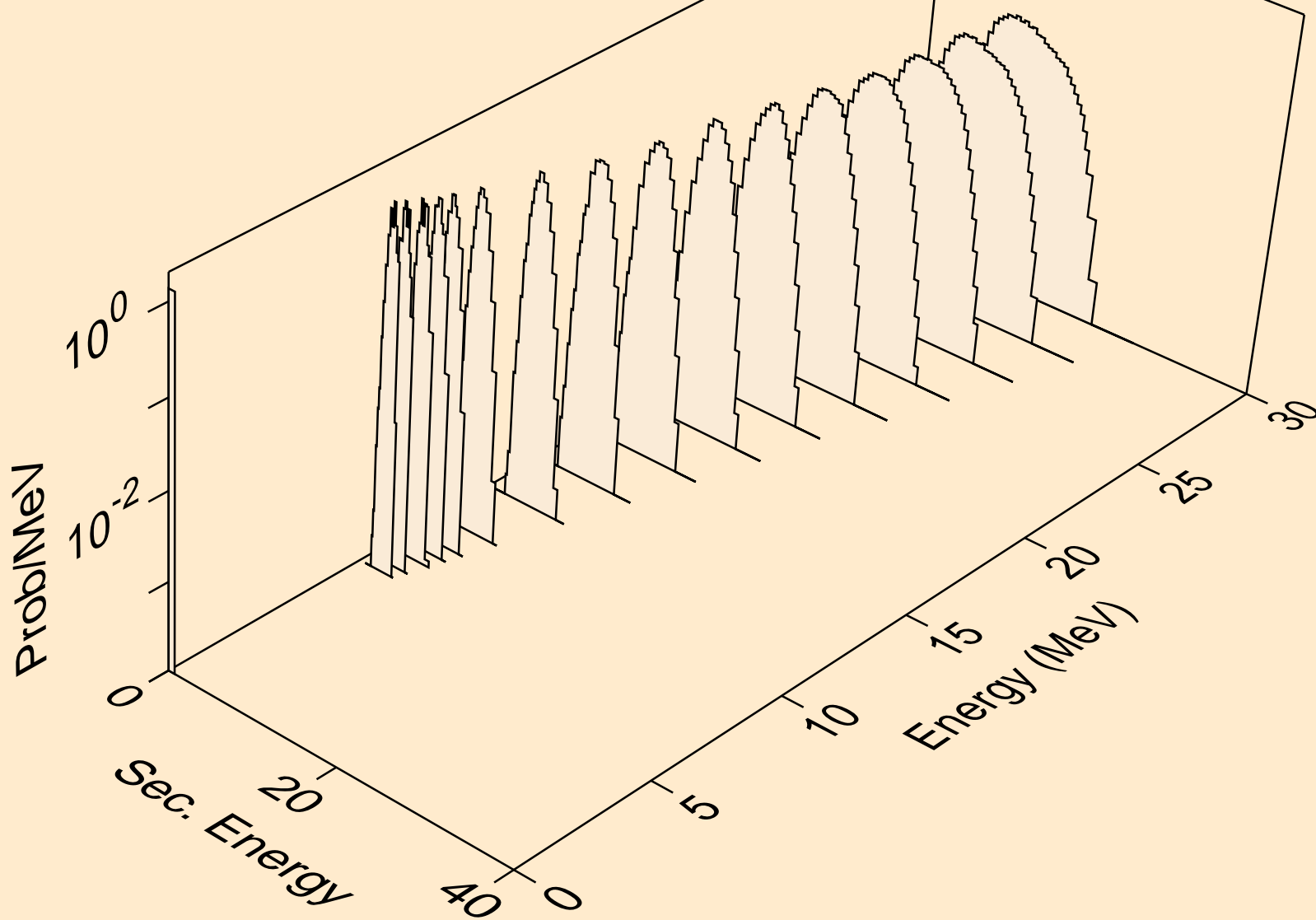
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d2a)



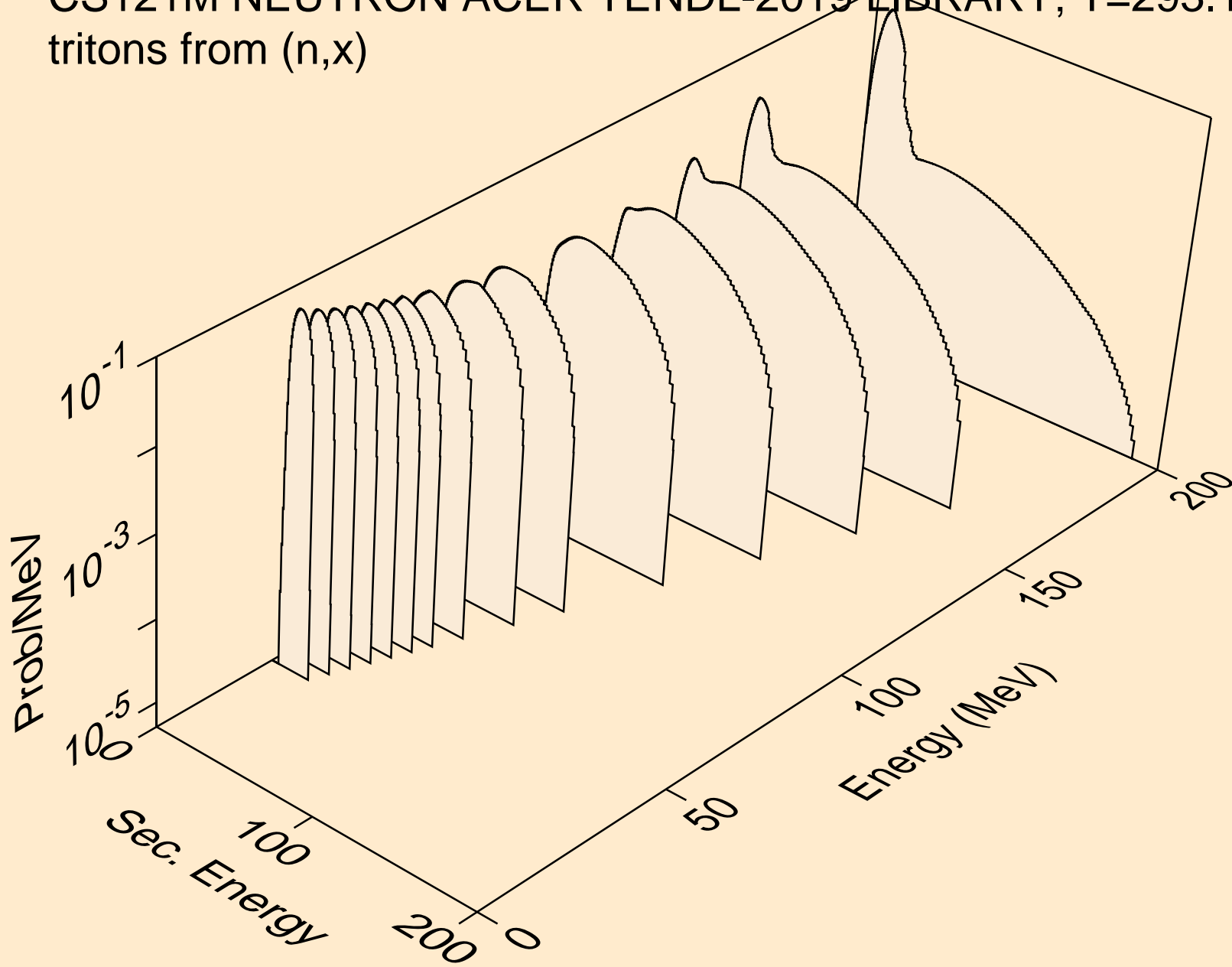
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



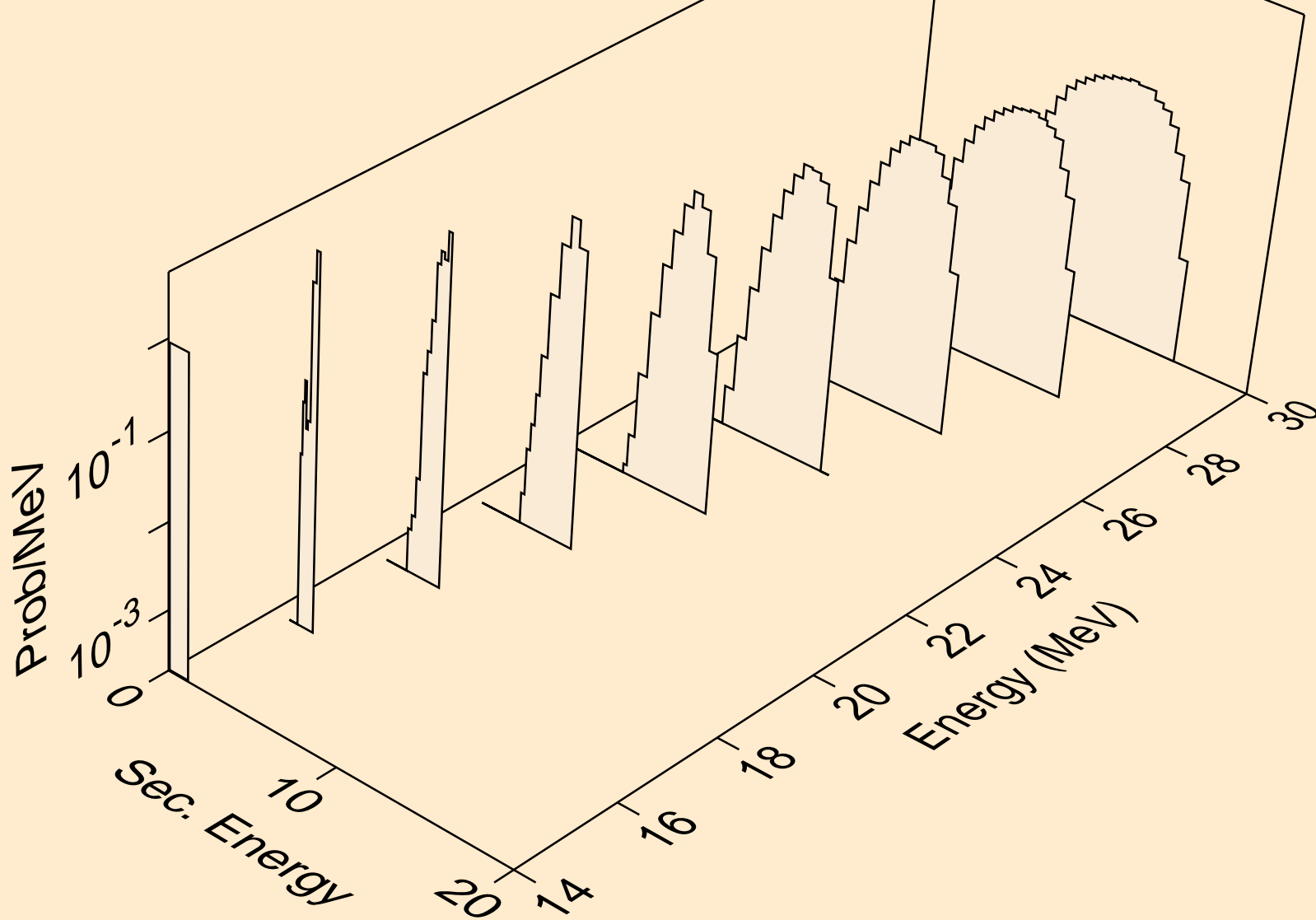
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



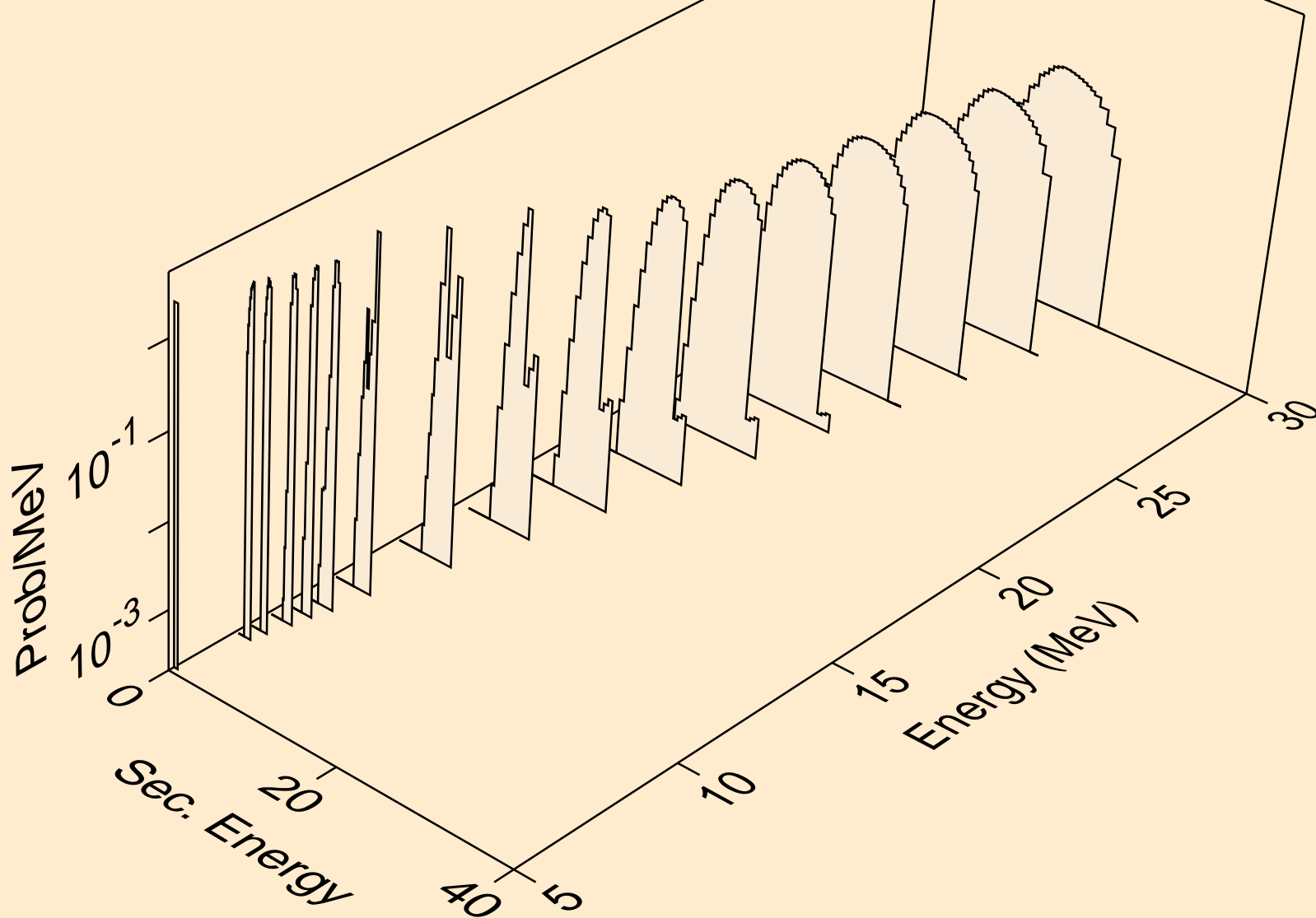
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

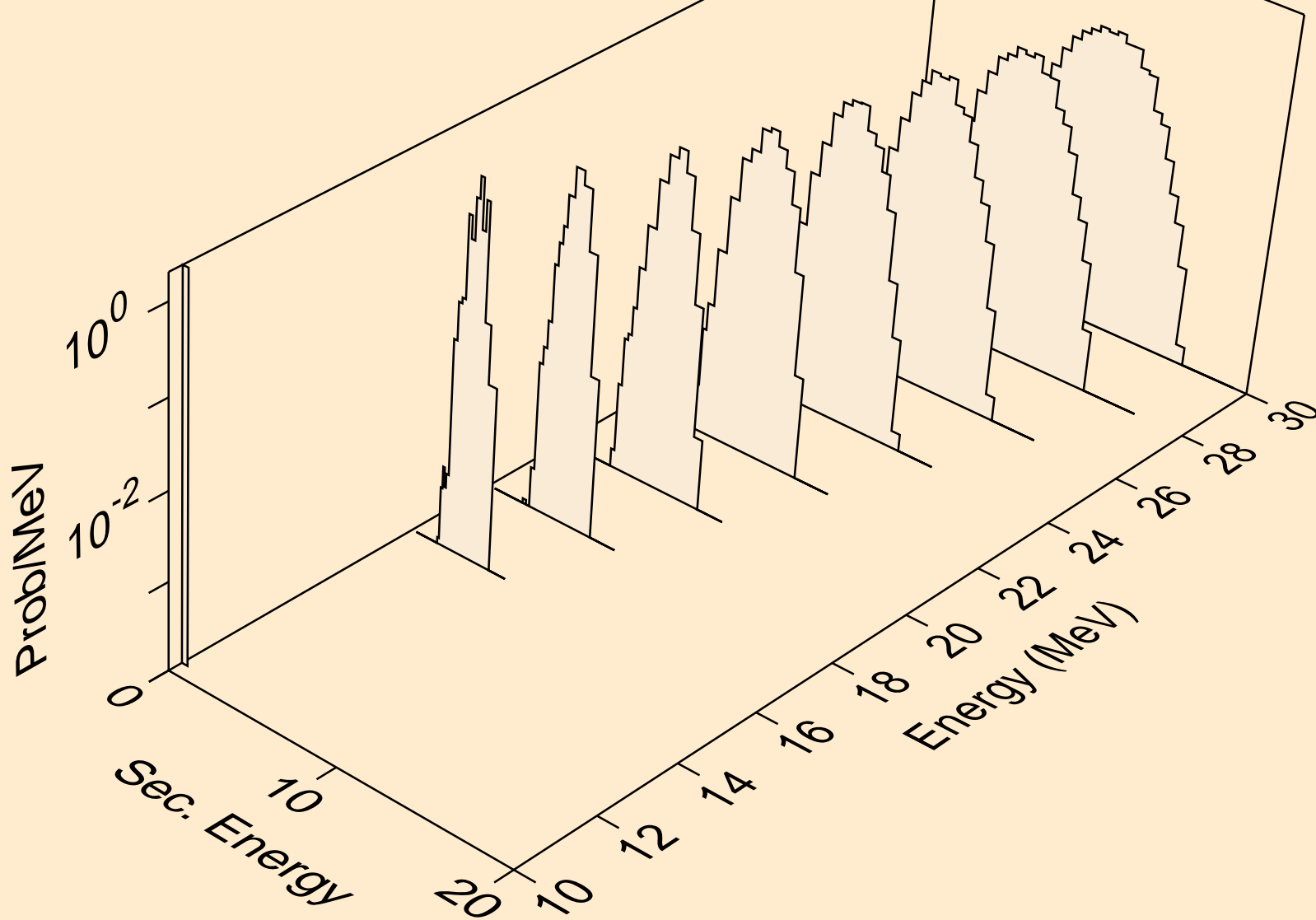


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)

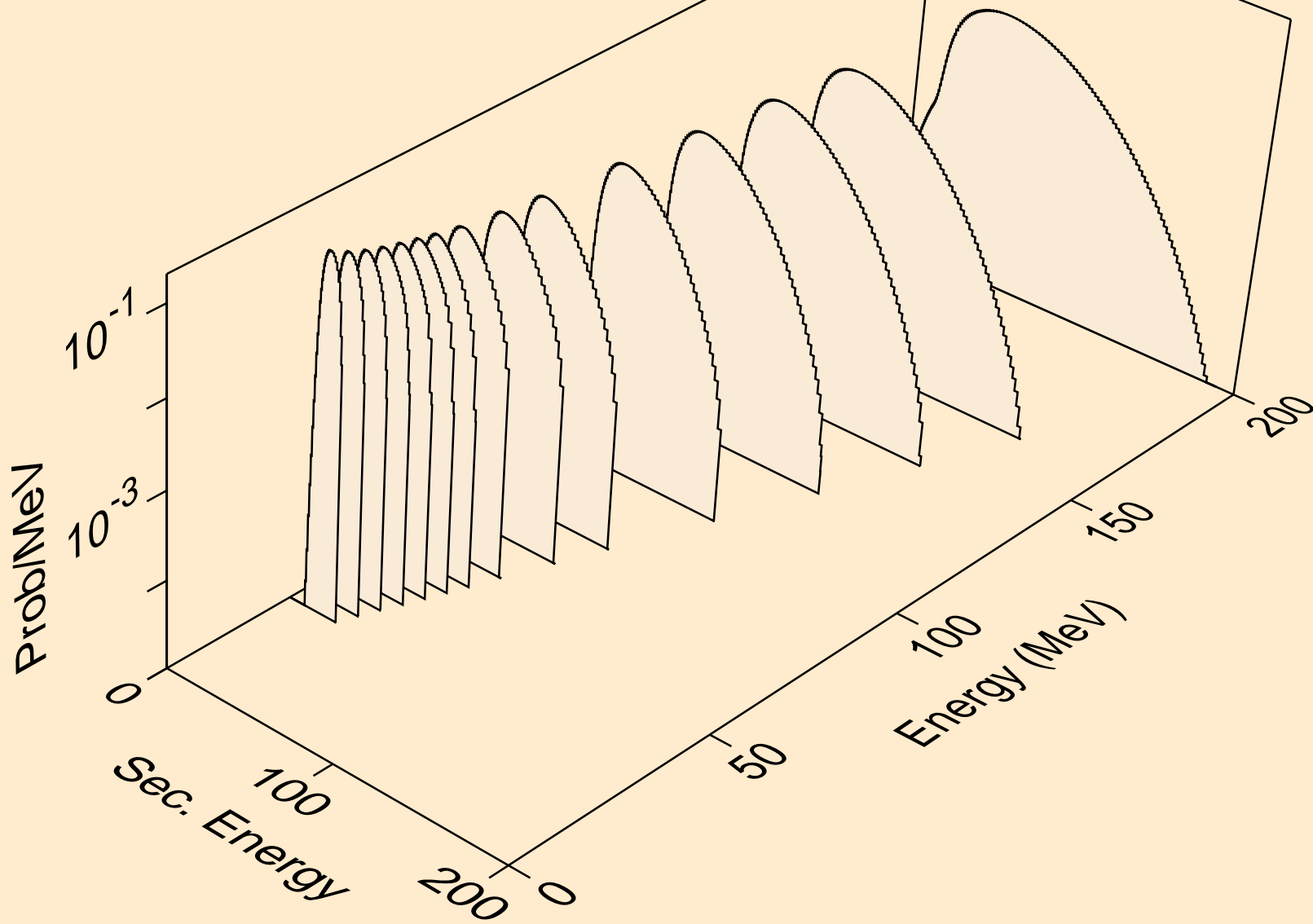




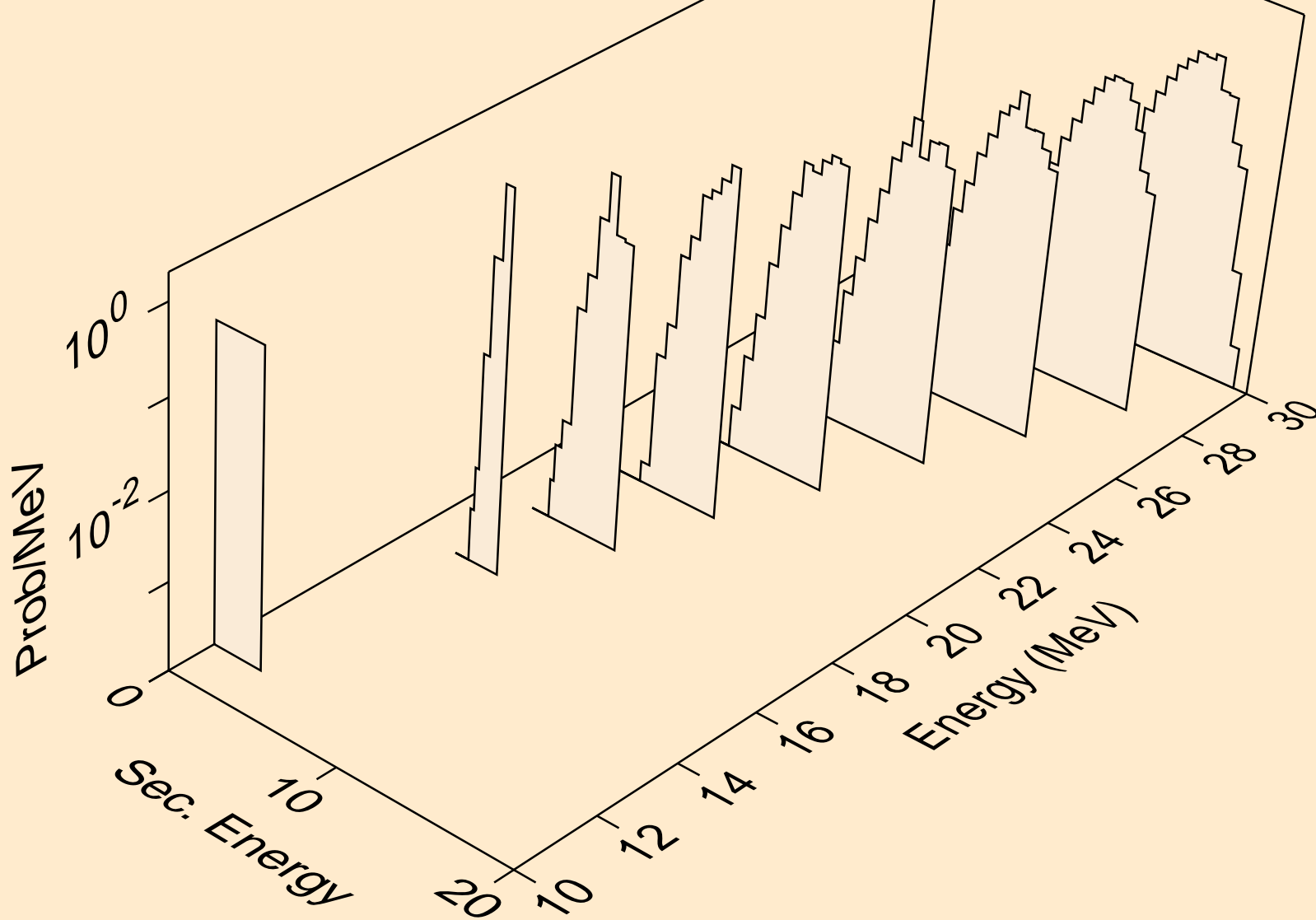
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



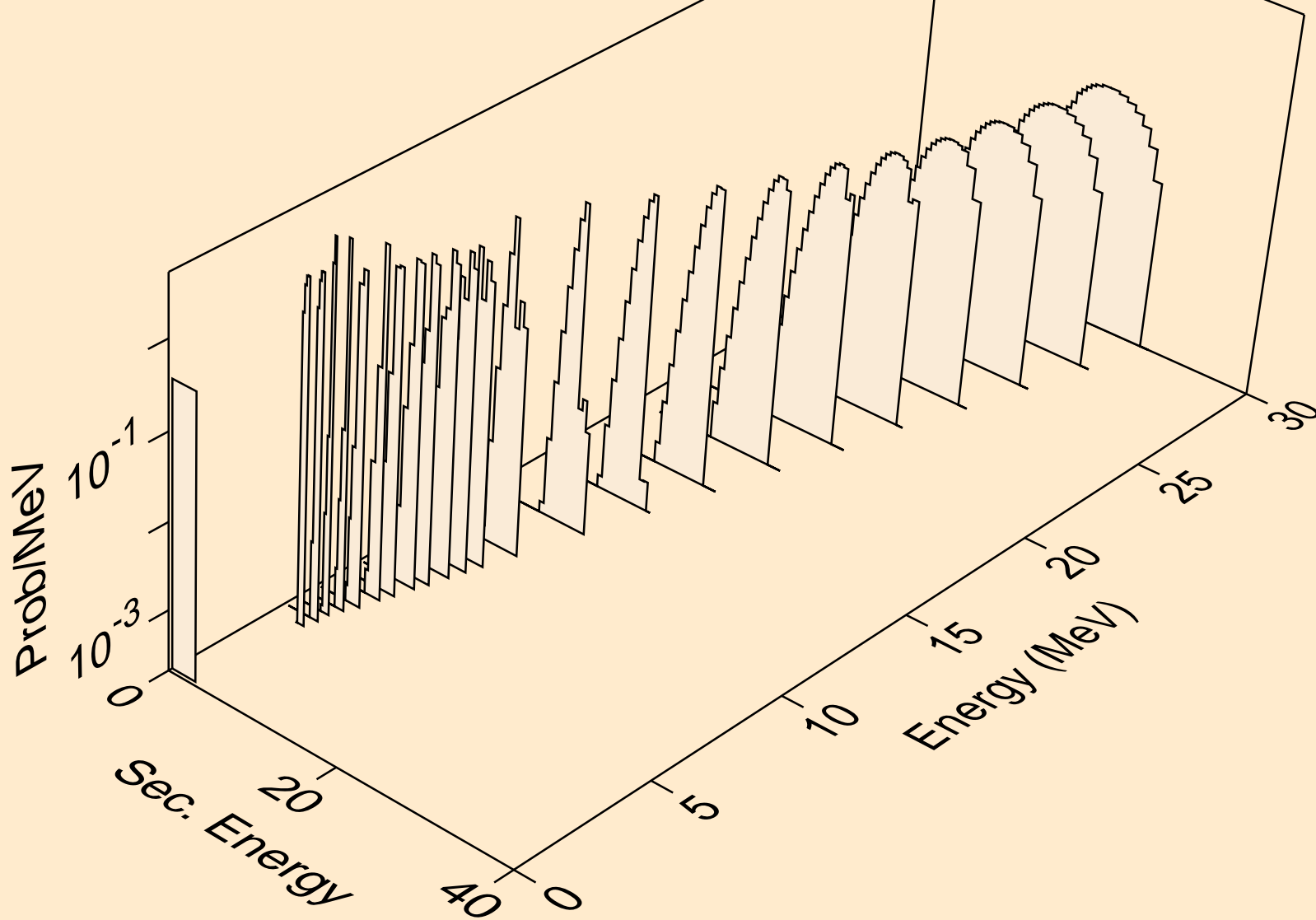
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



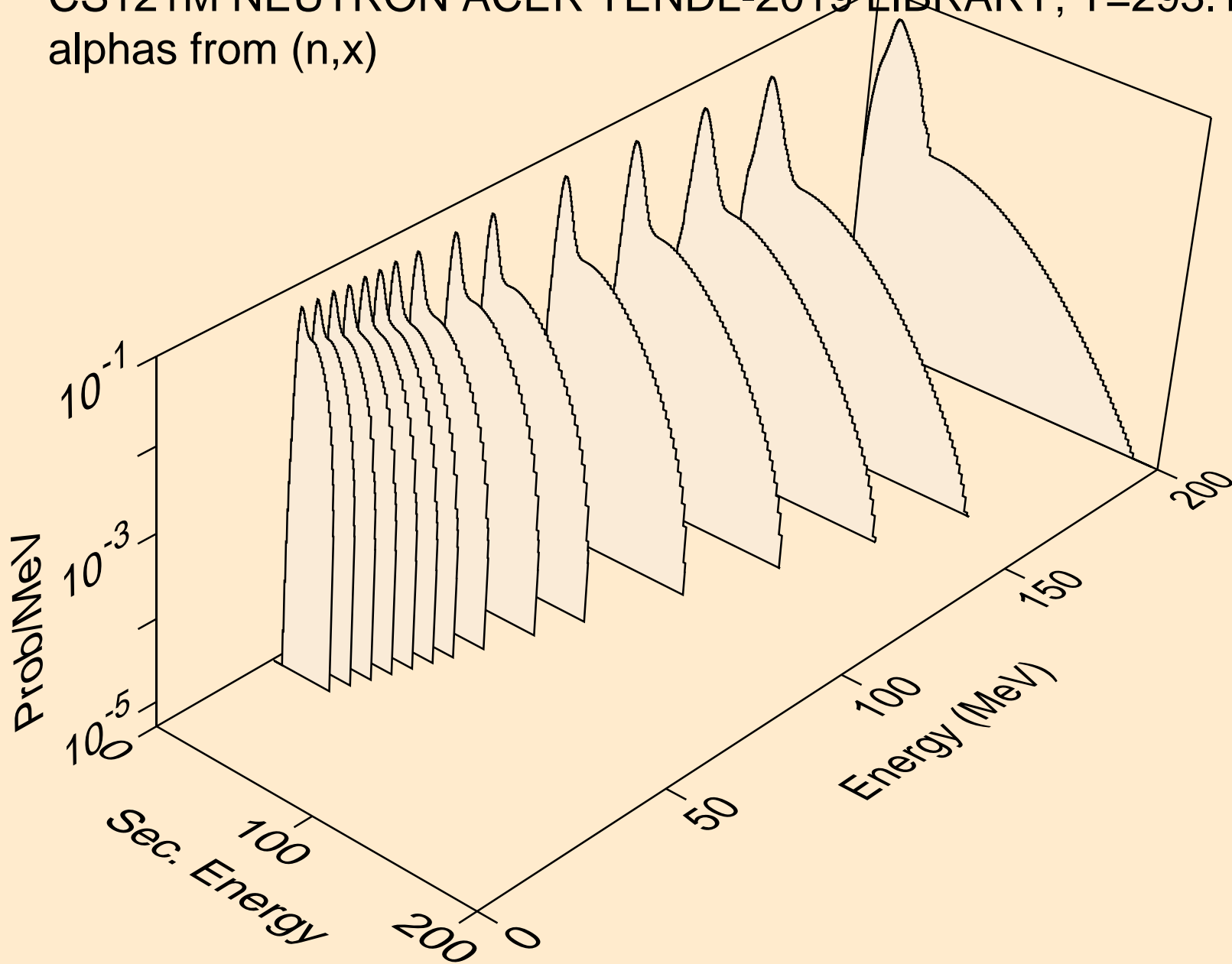
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



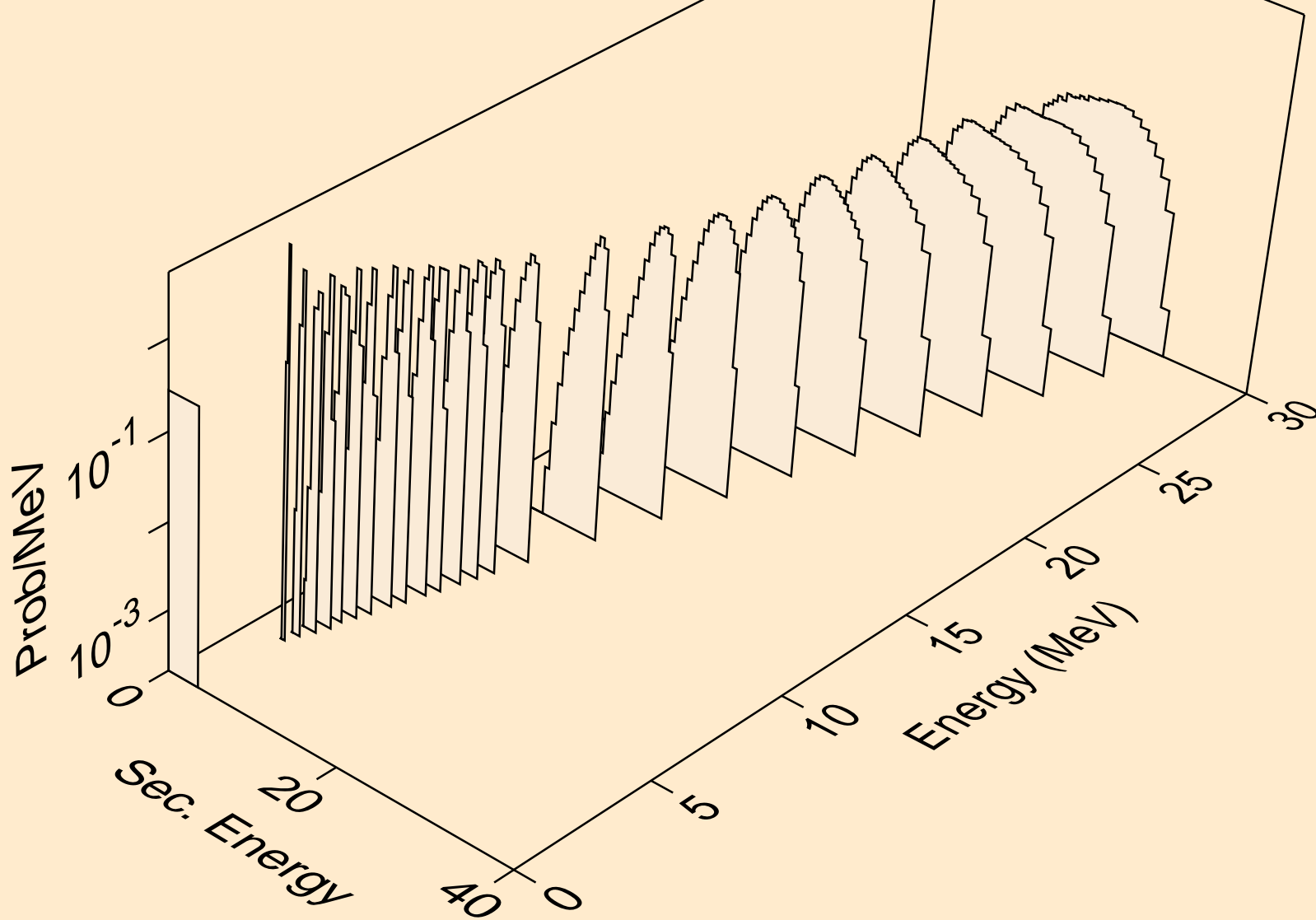
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



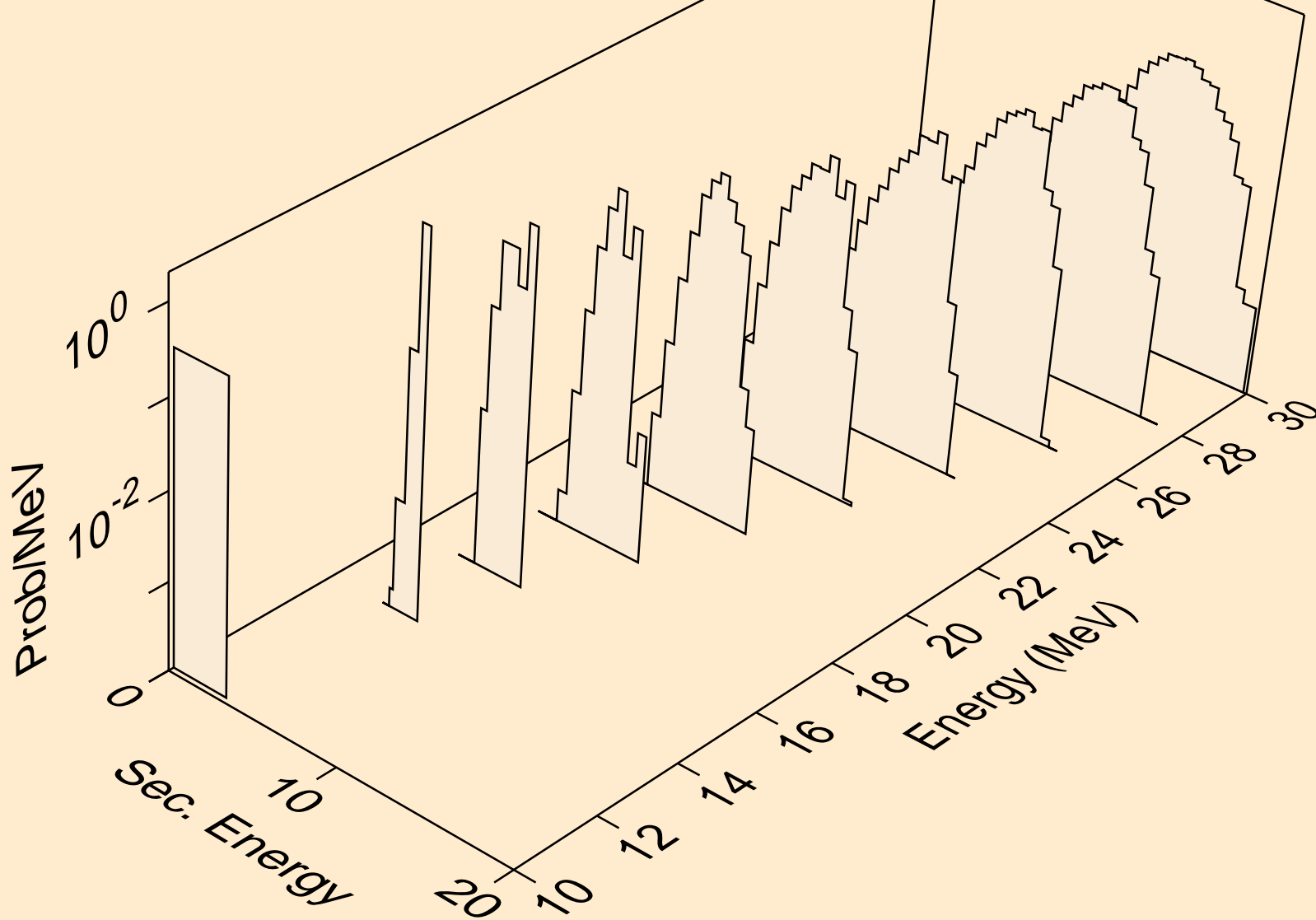
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



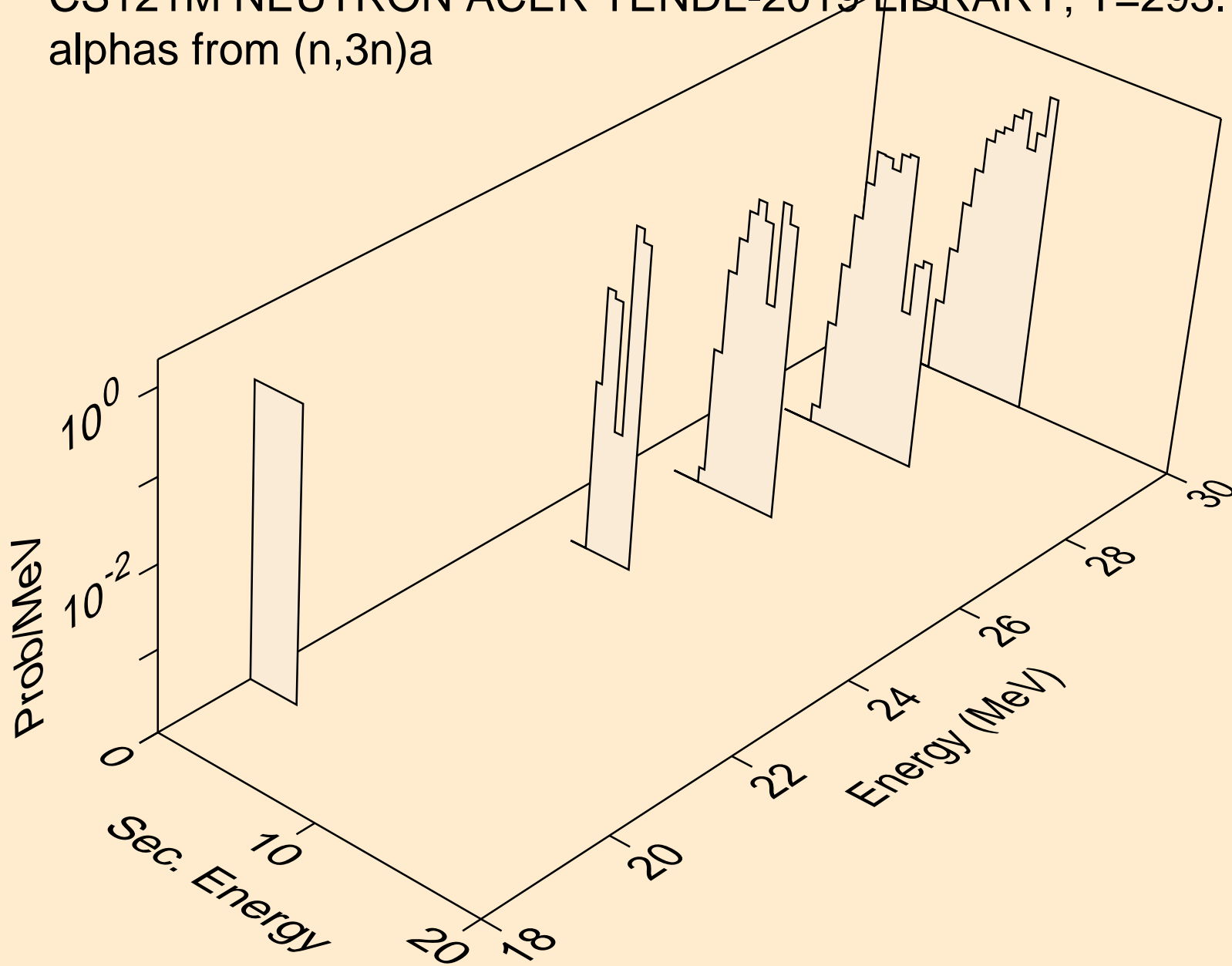
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a

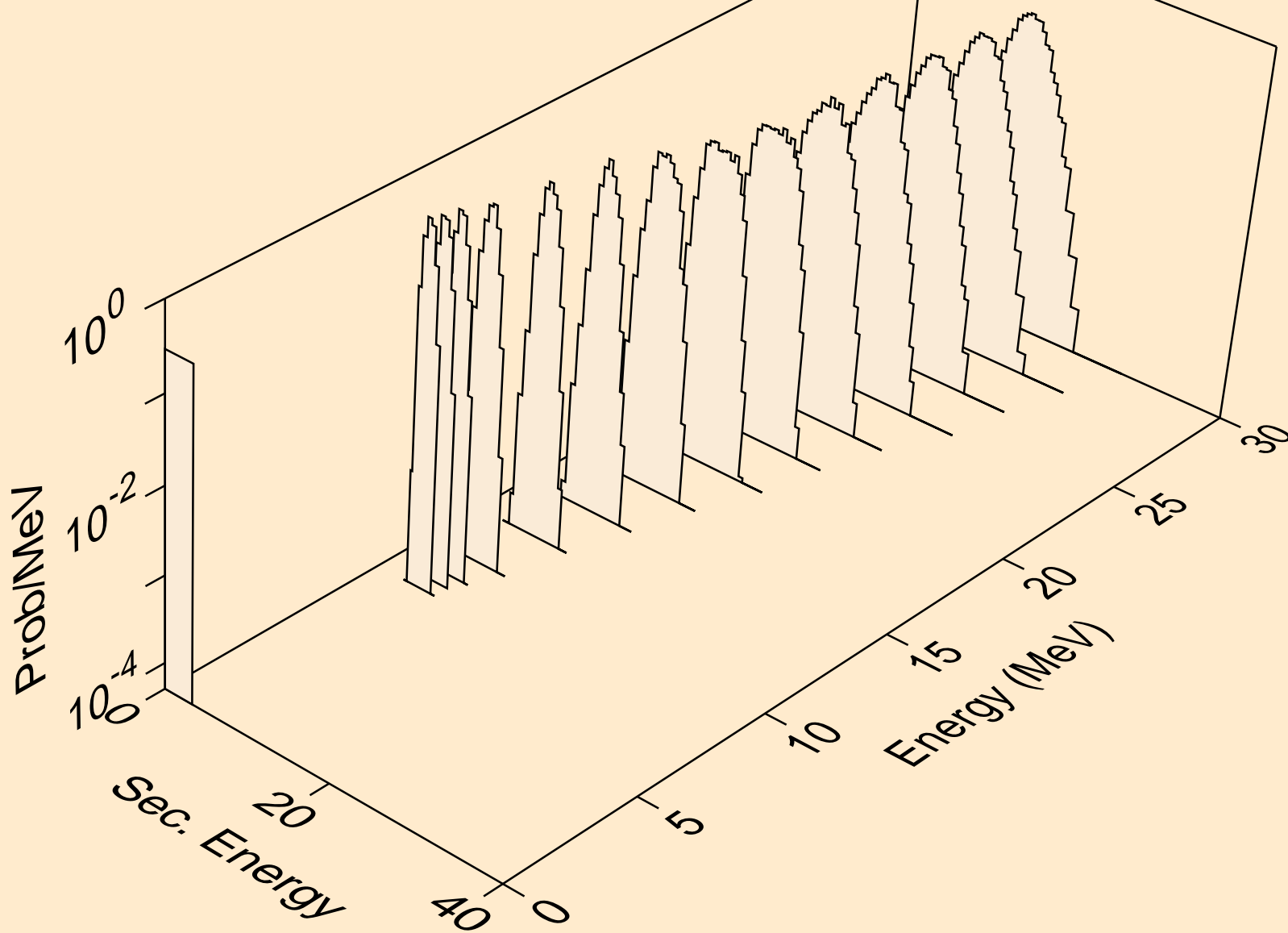


CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a

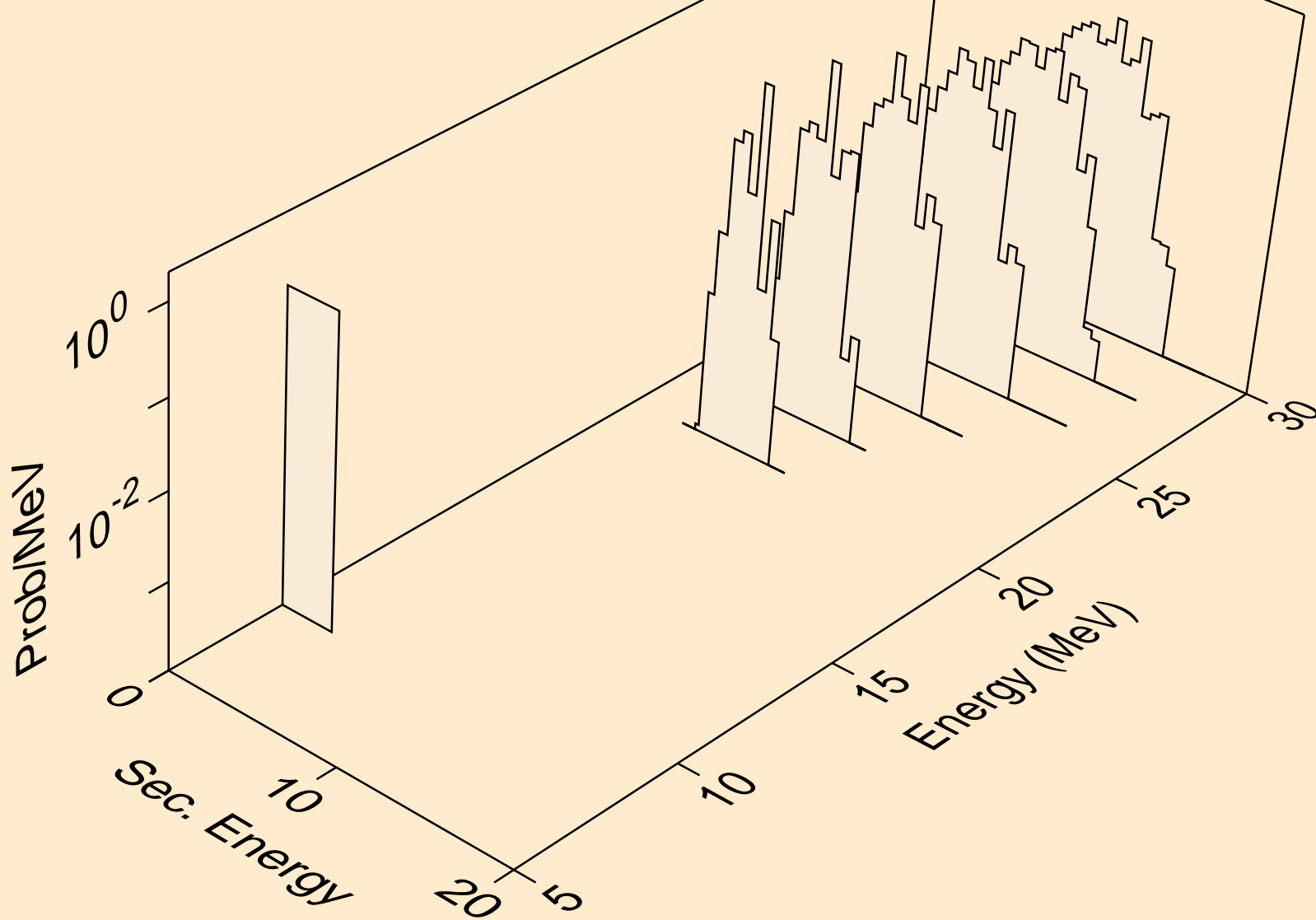




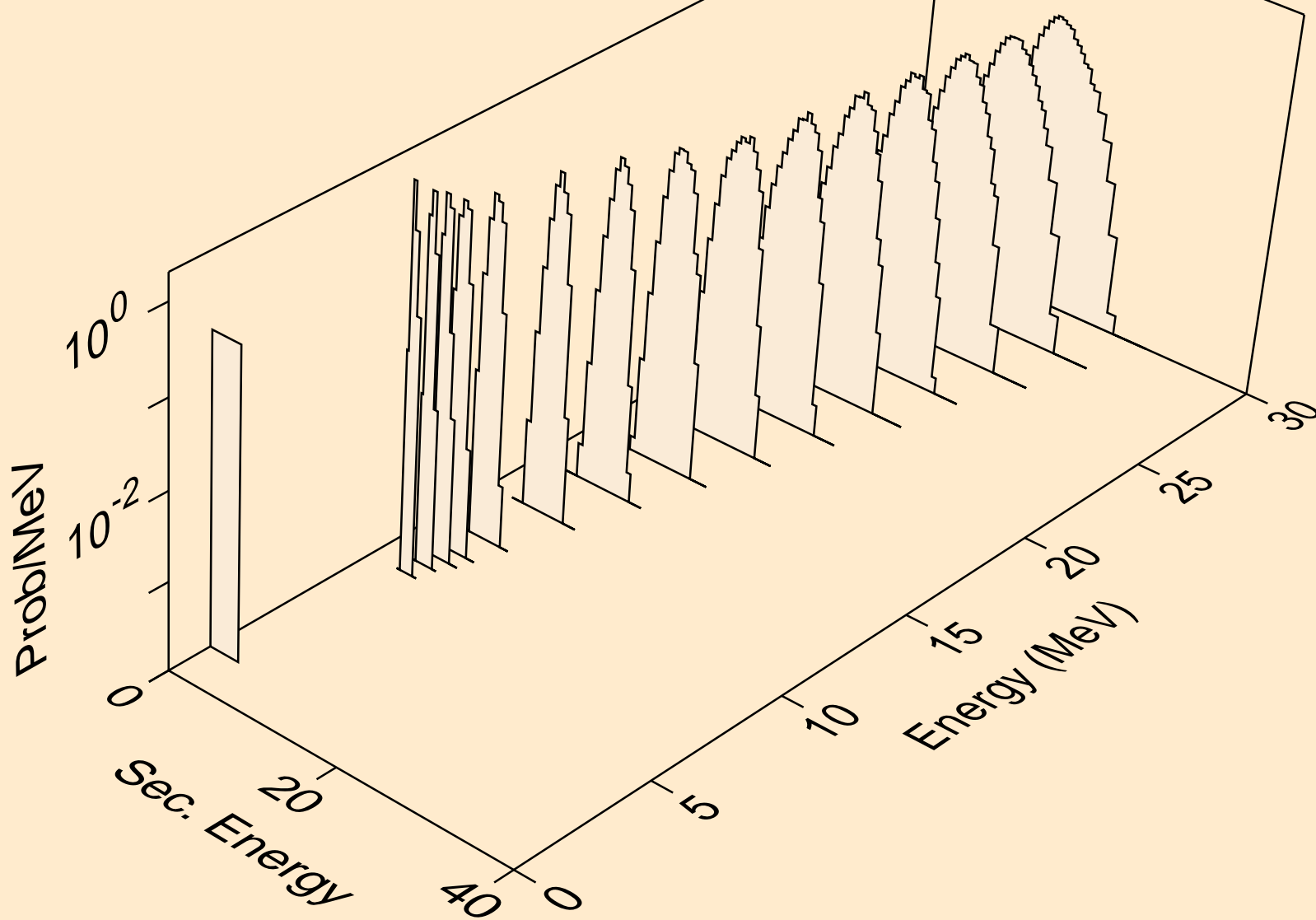
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



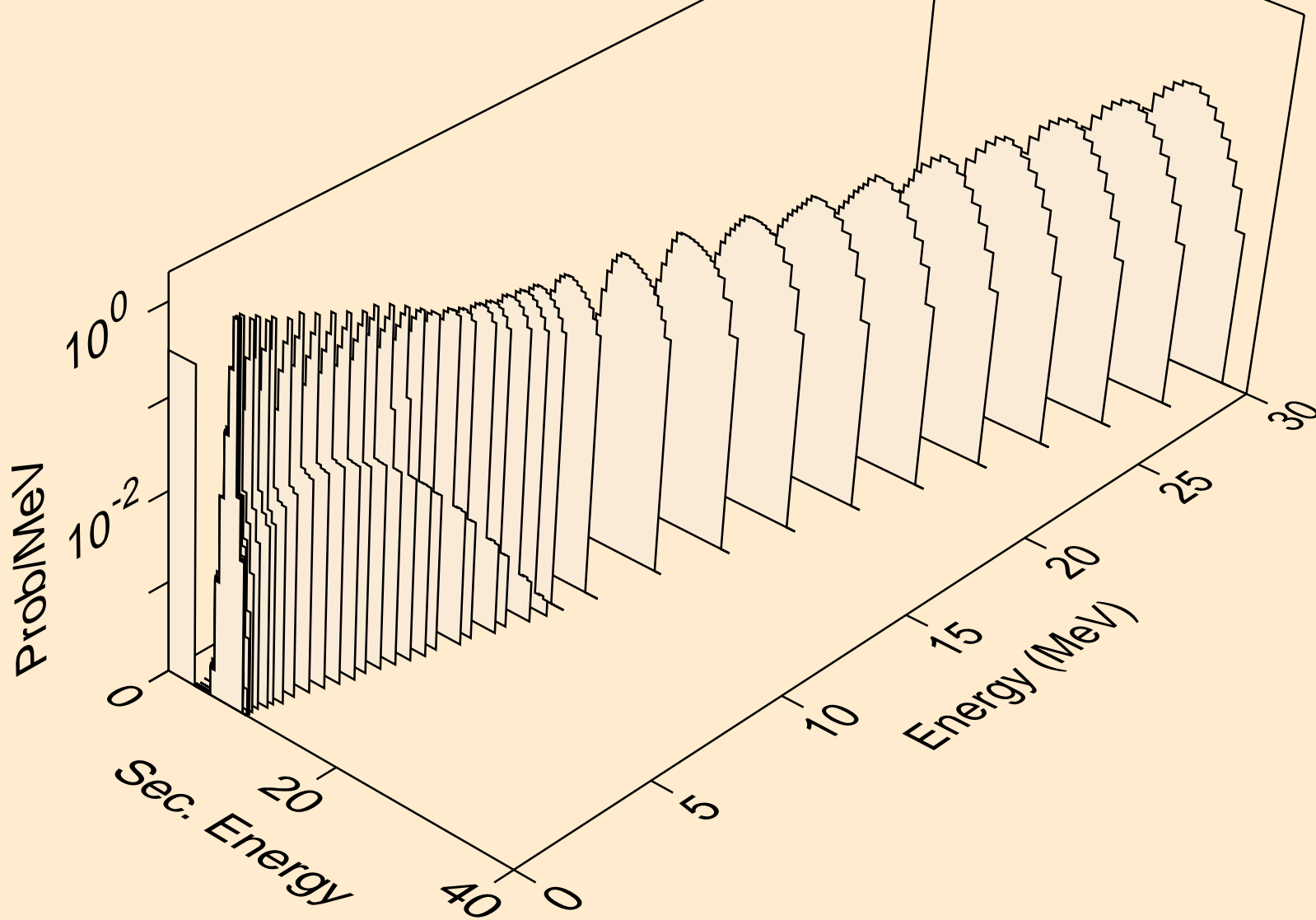
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)2a



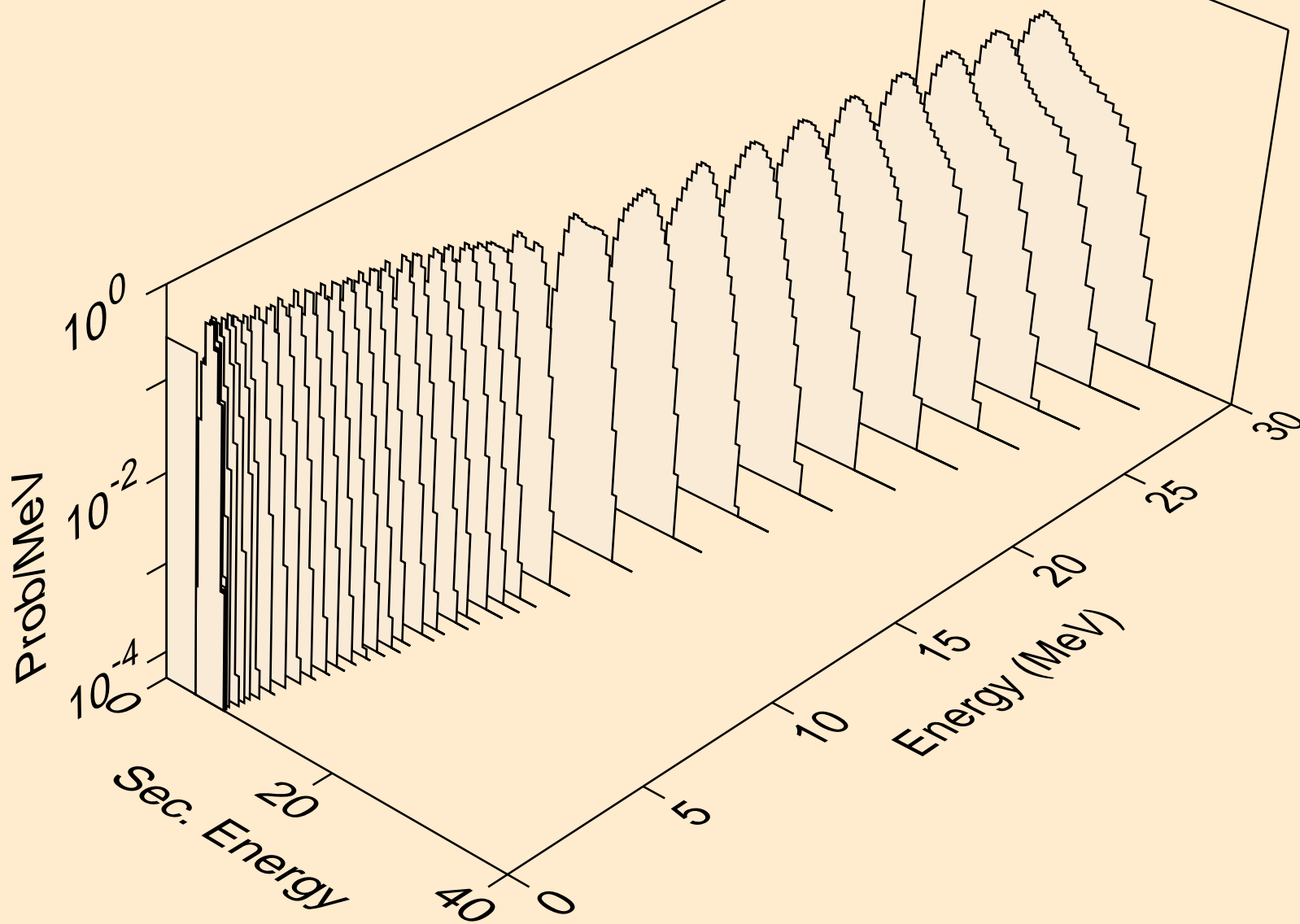
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



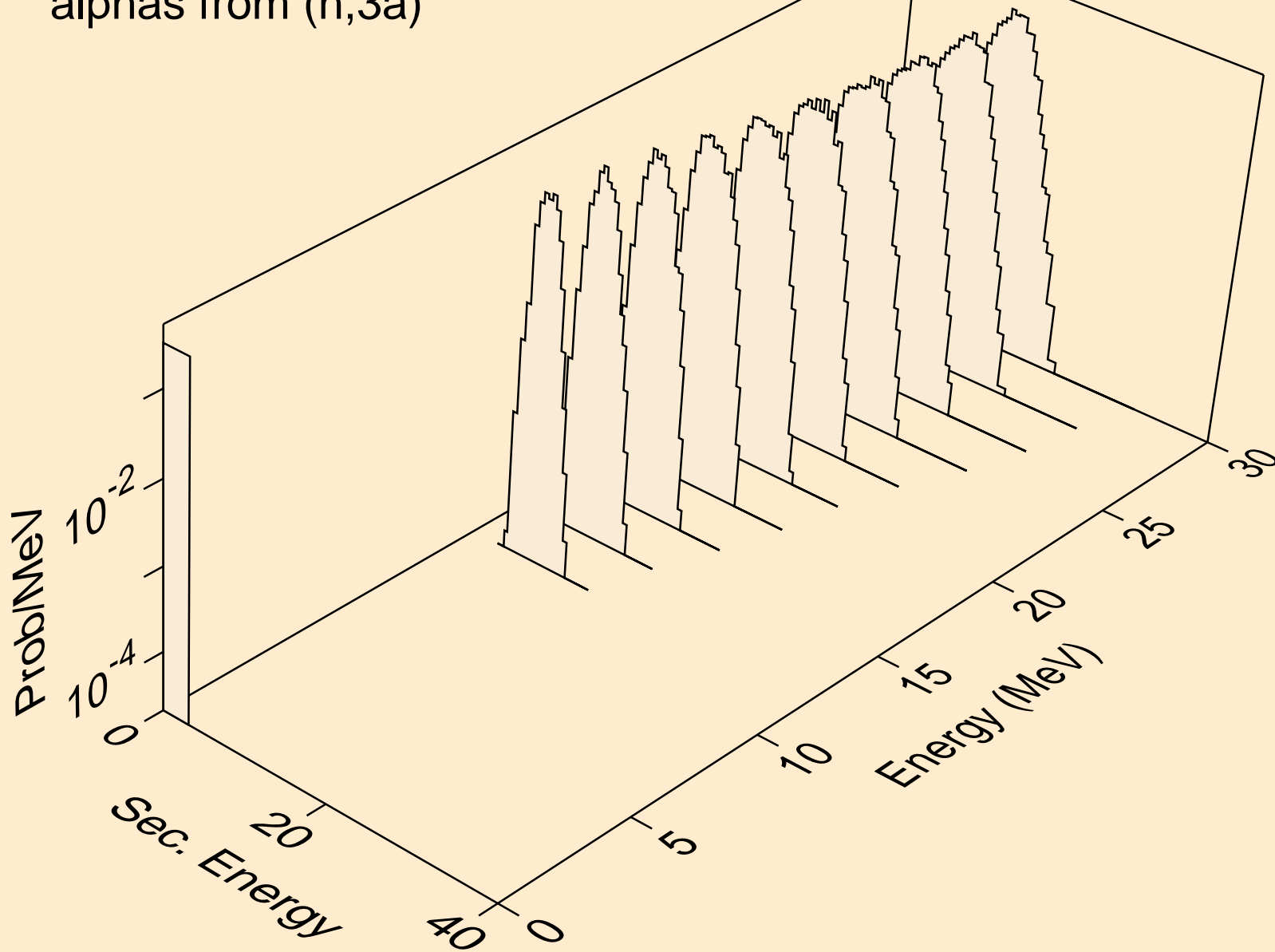
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



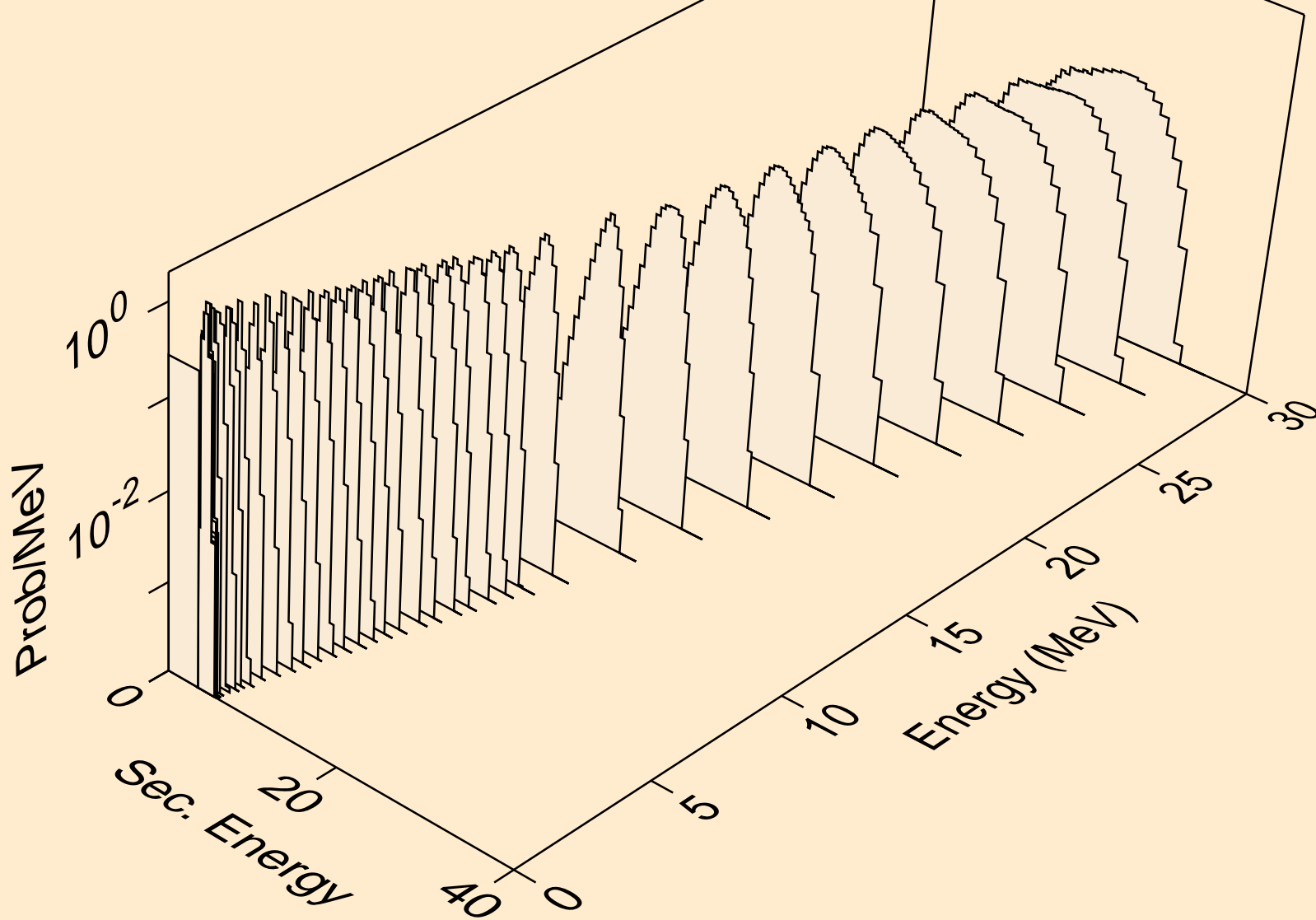
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



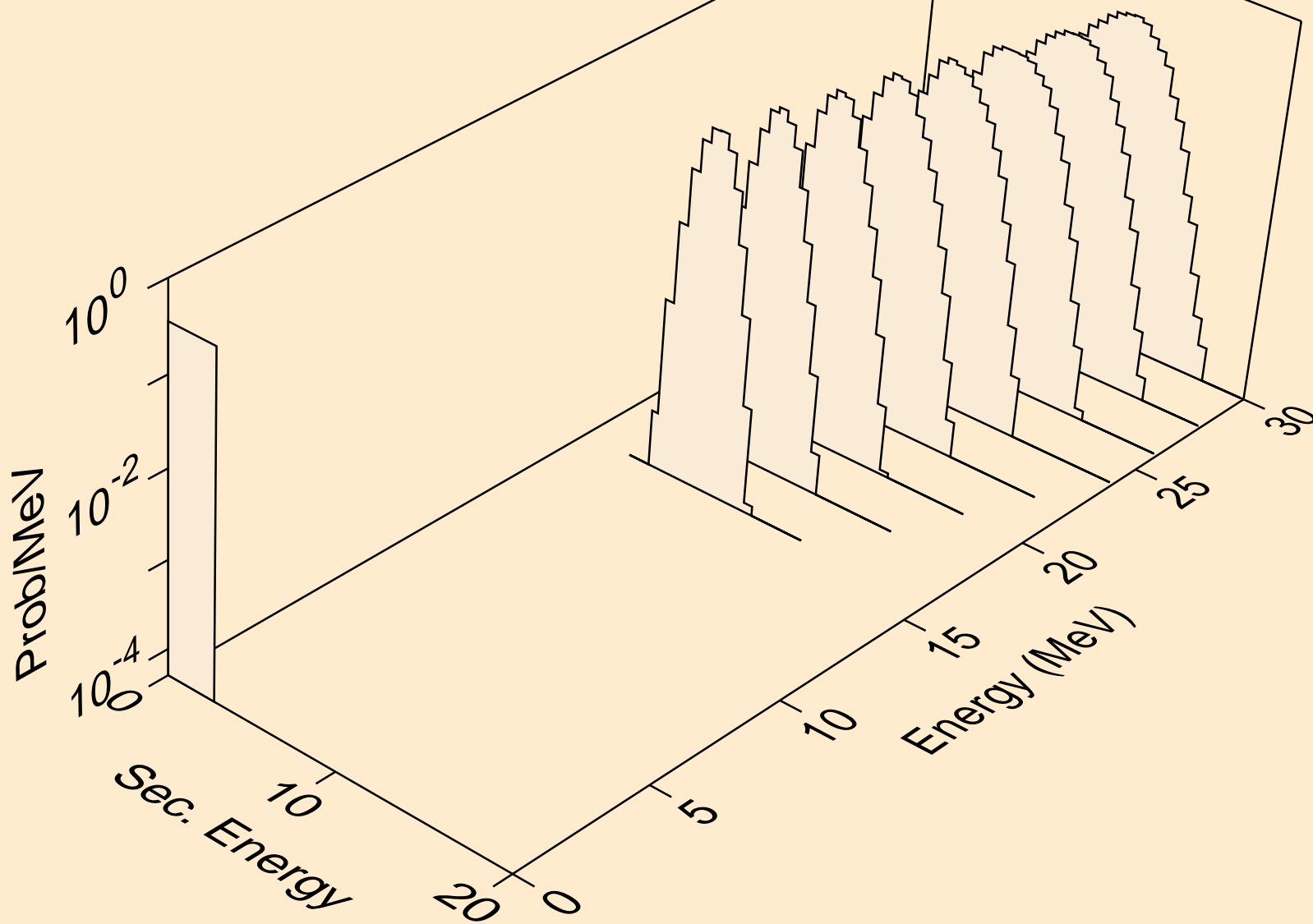
CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3a)



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,d2a)





CS121M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

