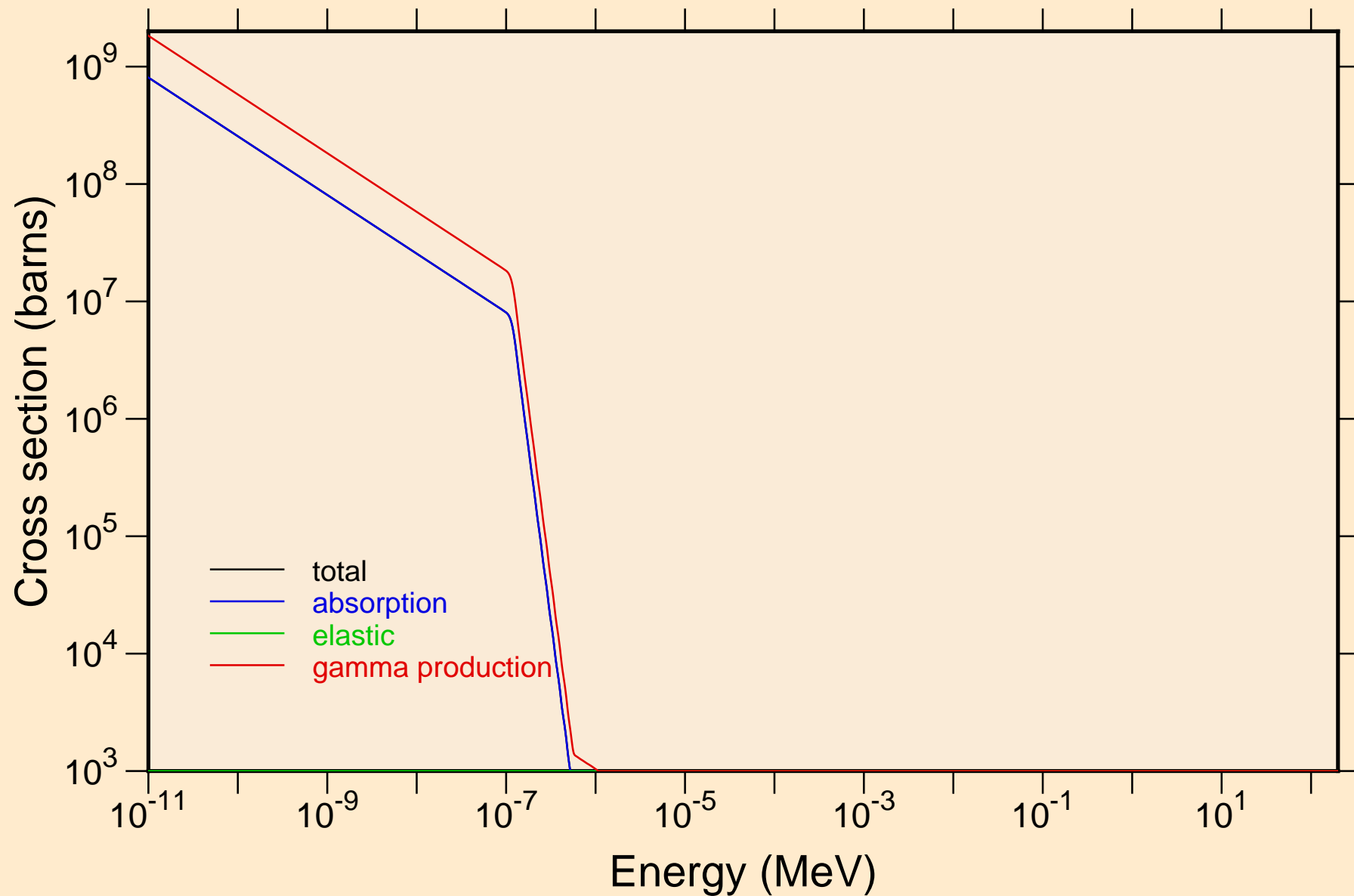
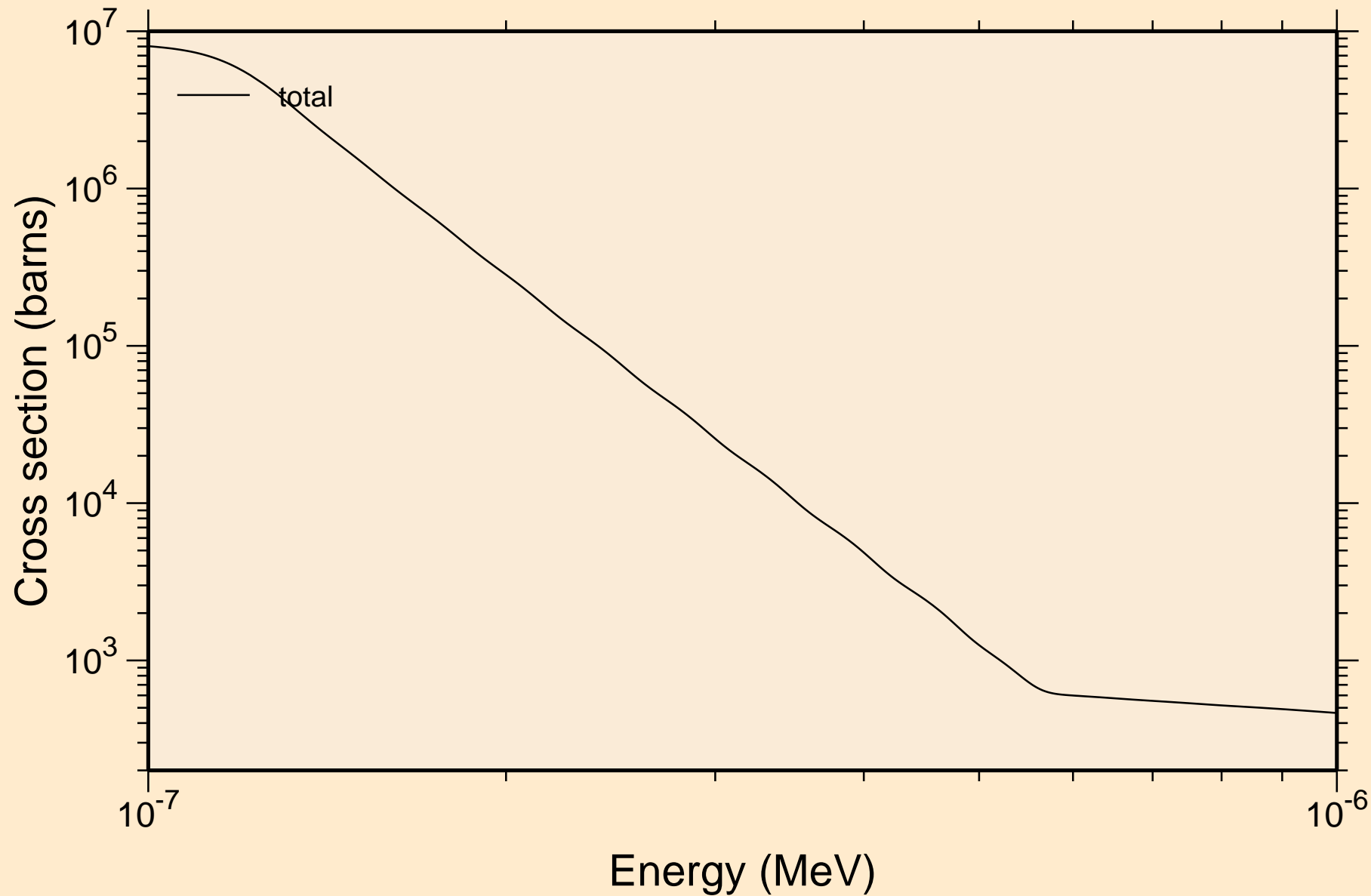


# CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

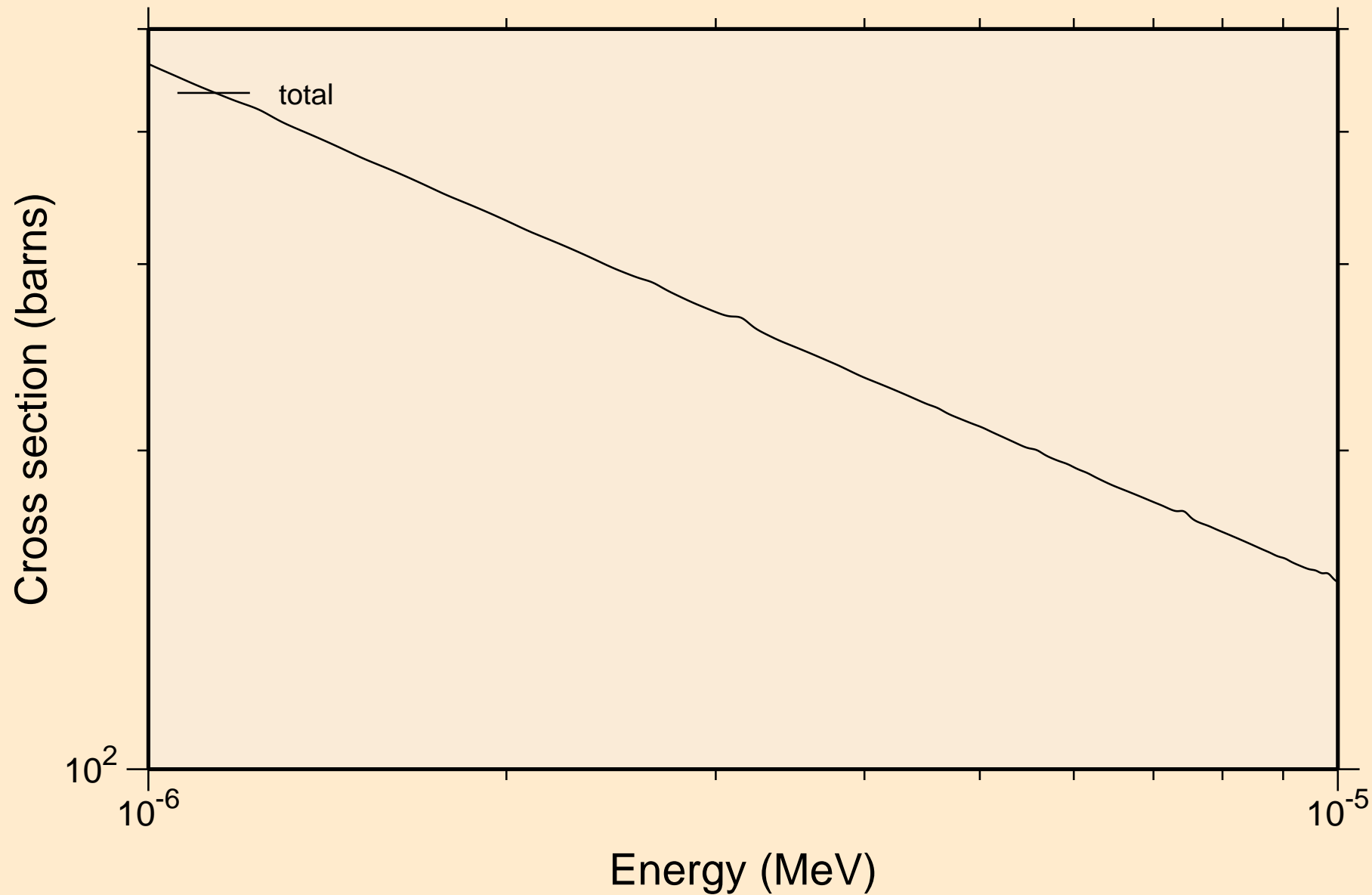
## Principal cross sections



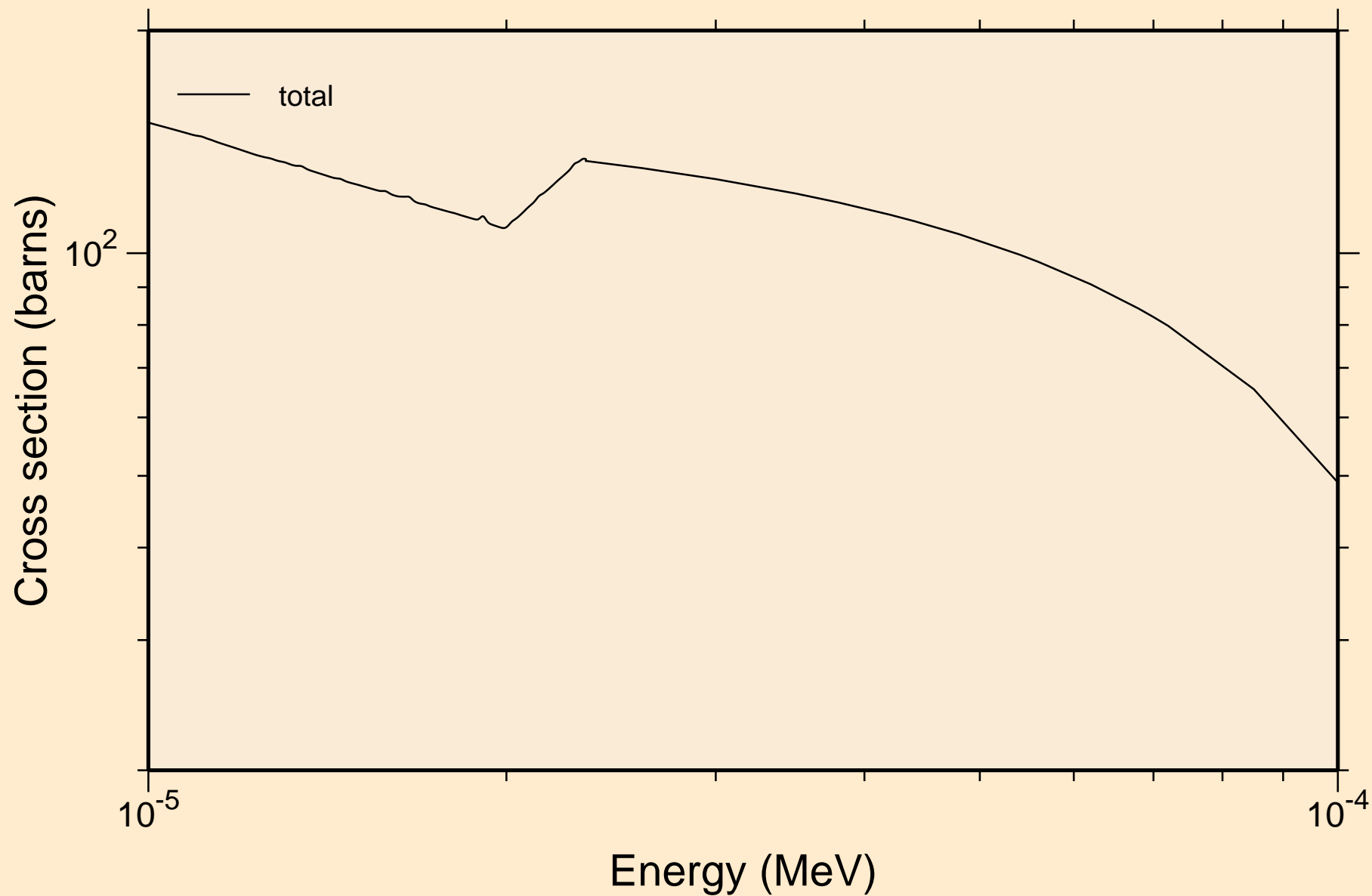
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



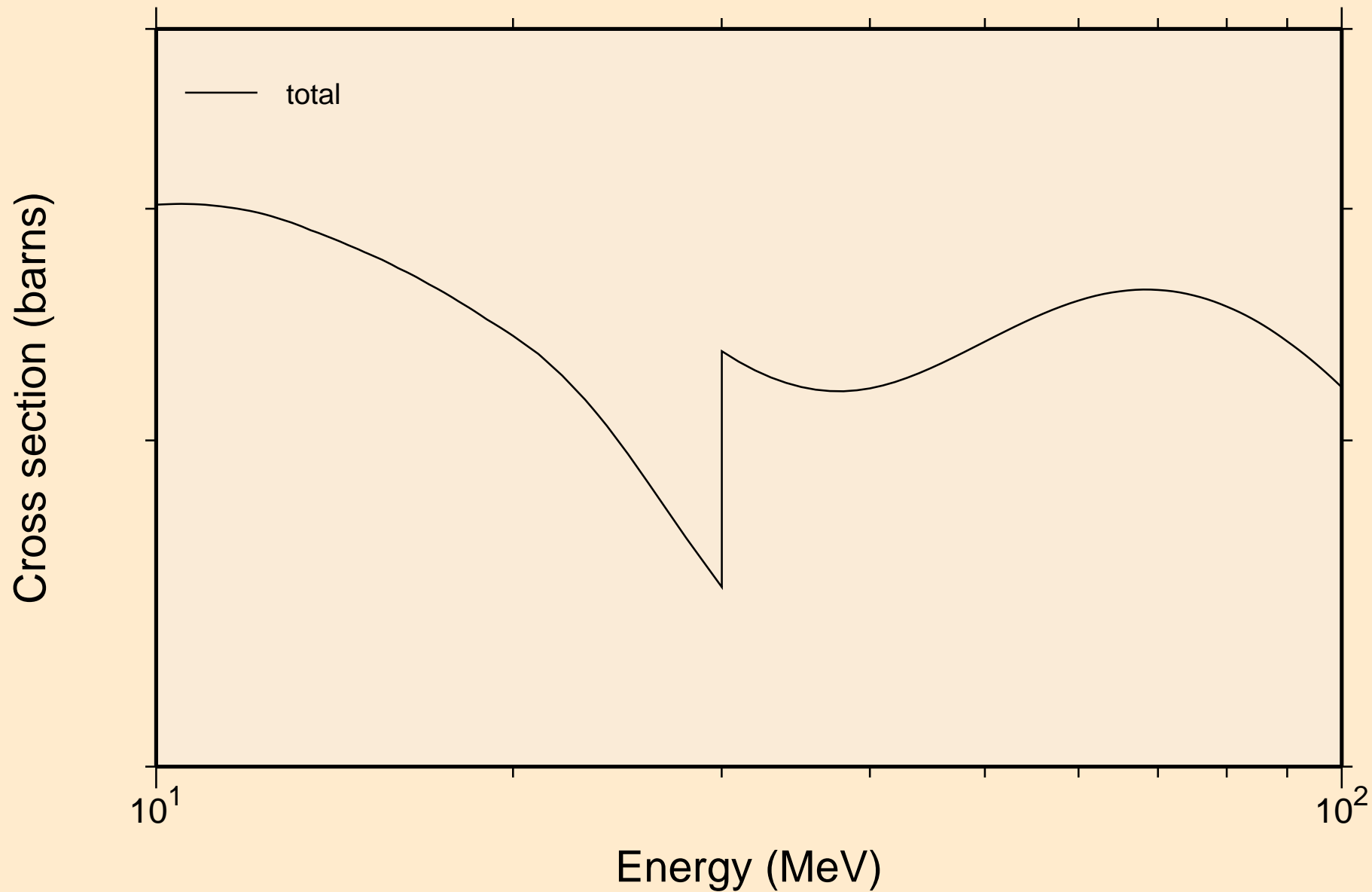
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



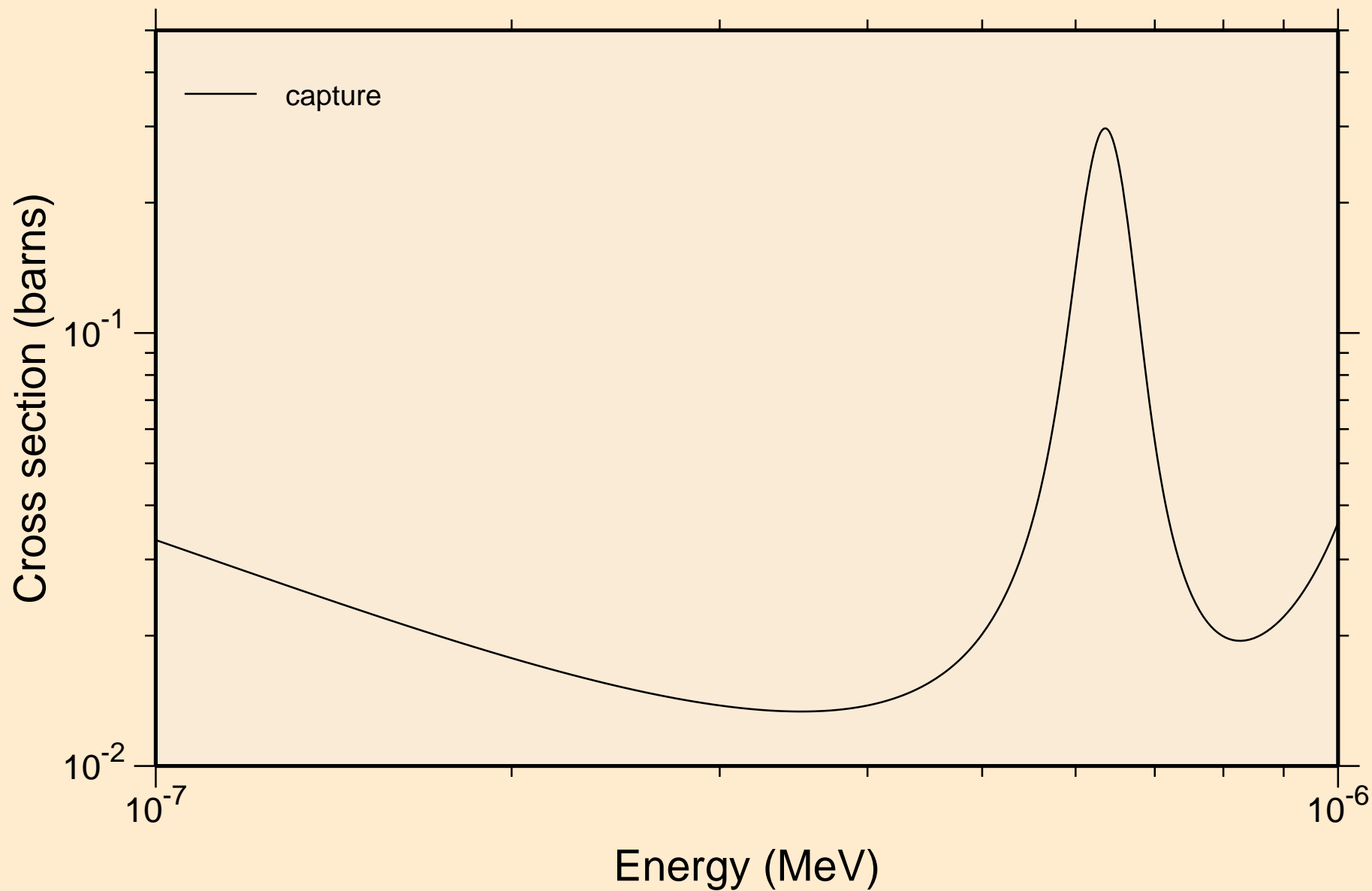
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



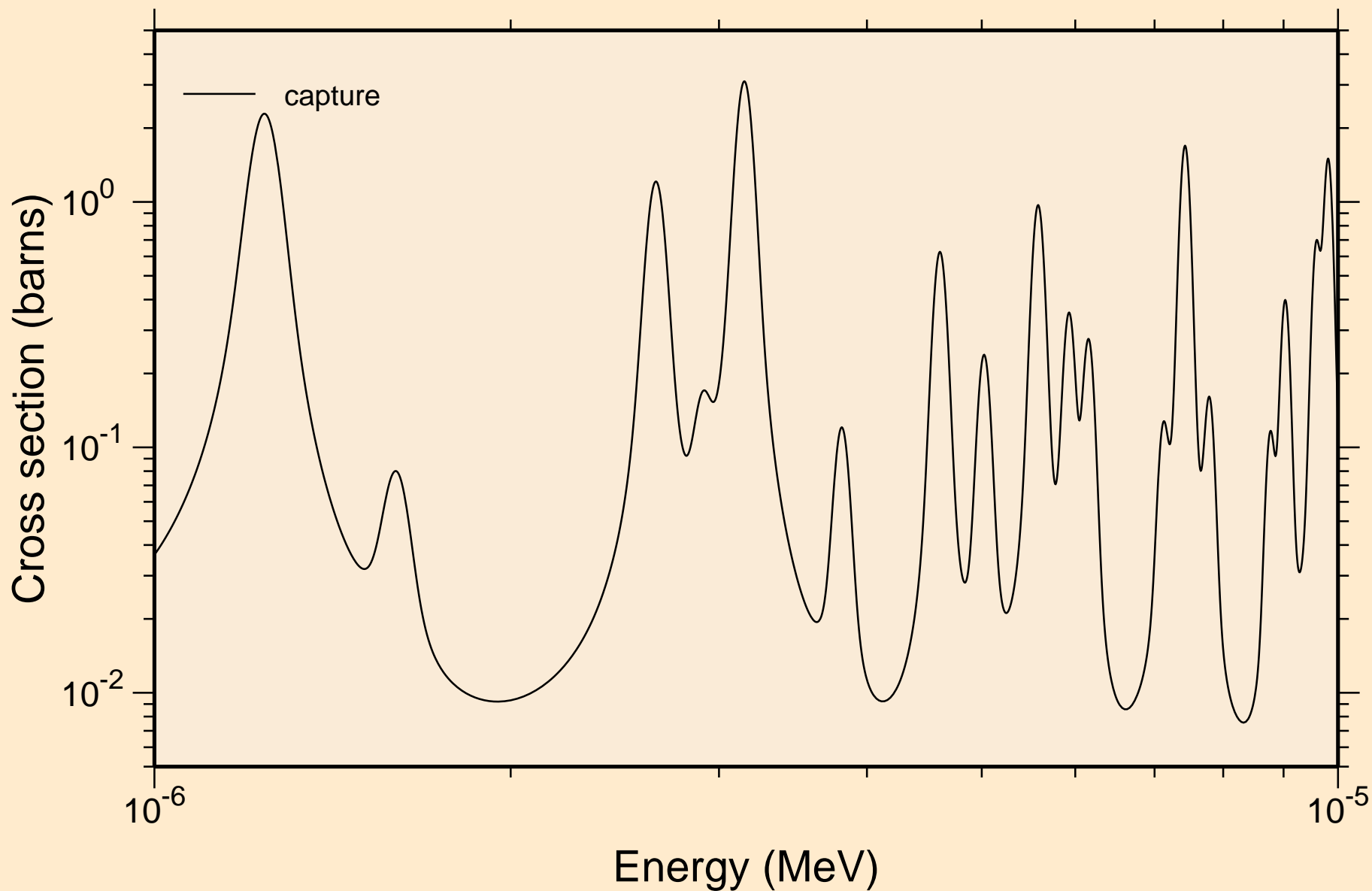
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



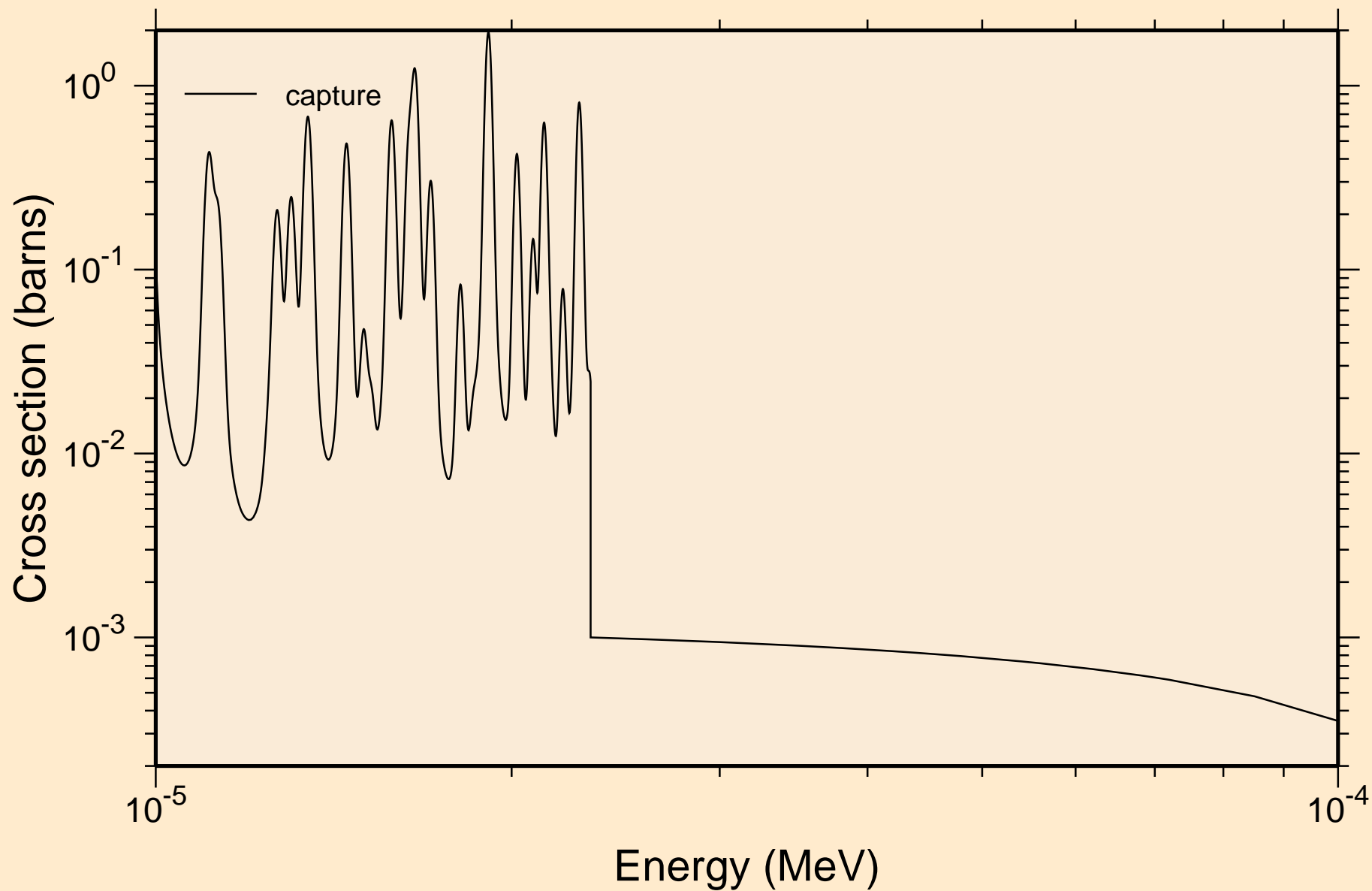
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

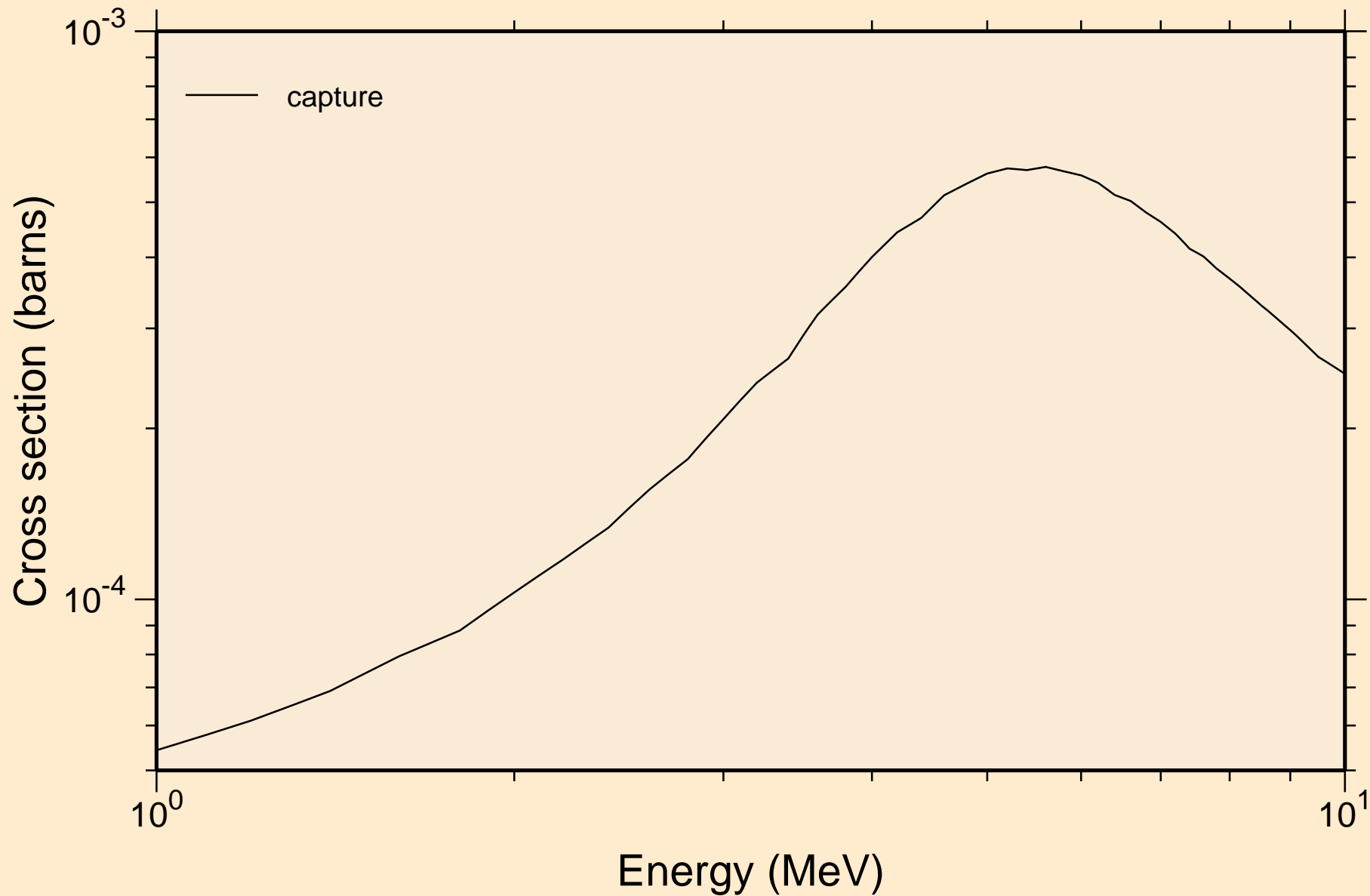


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

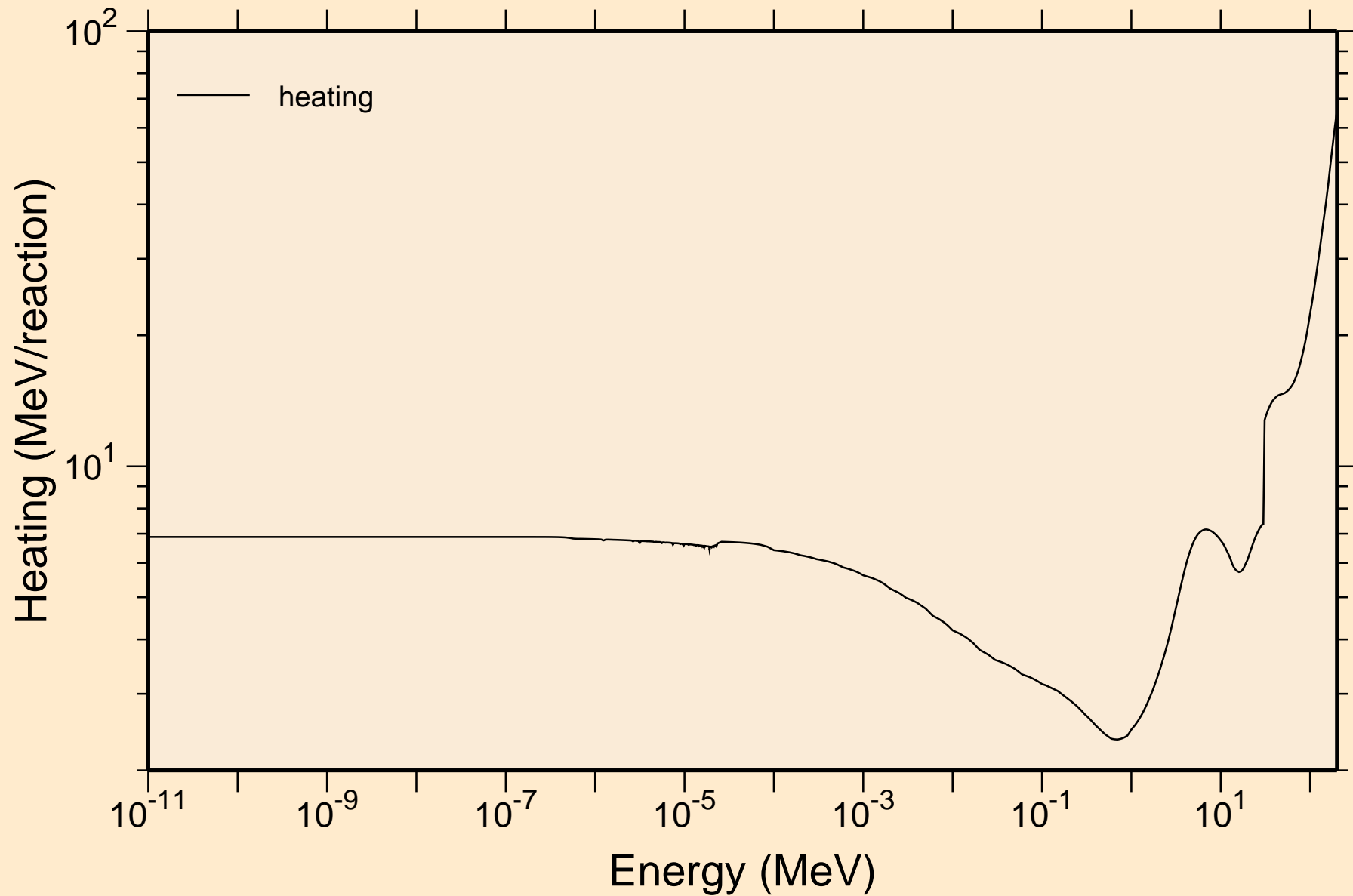




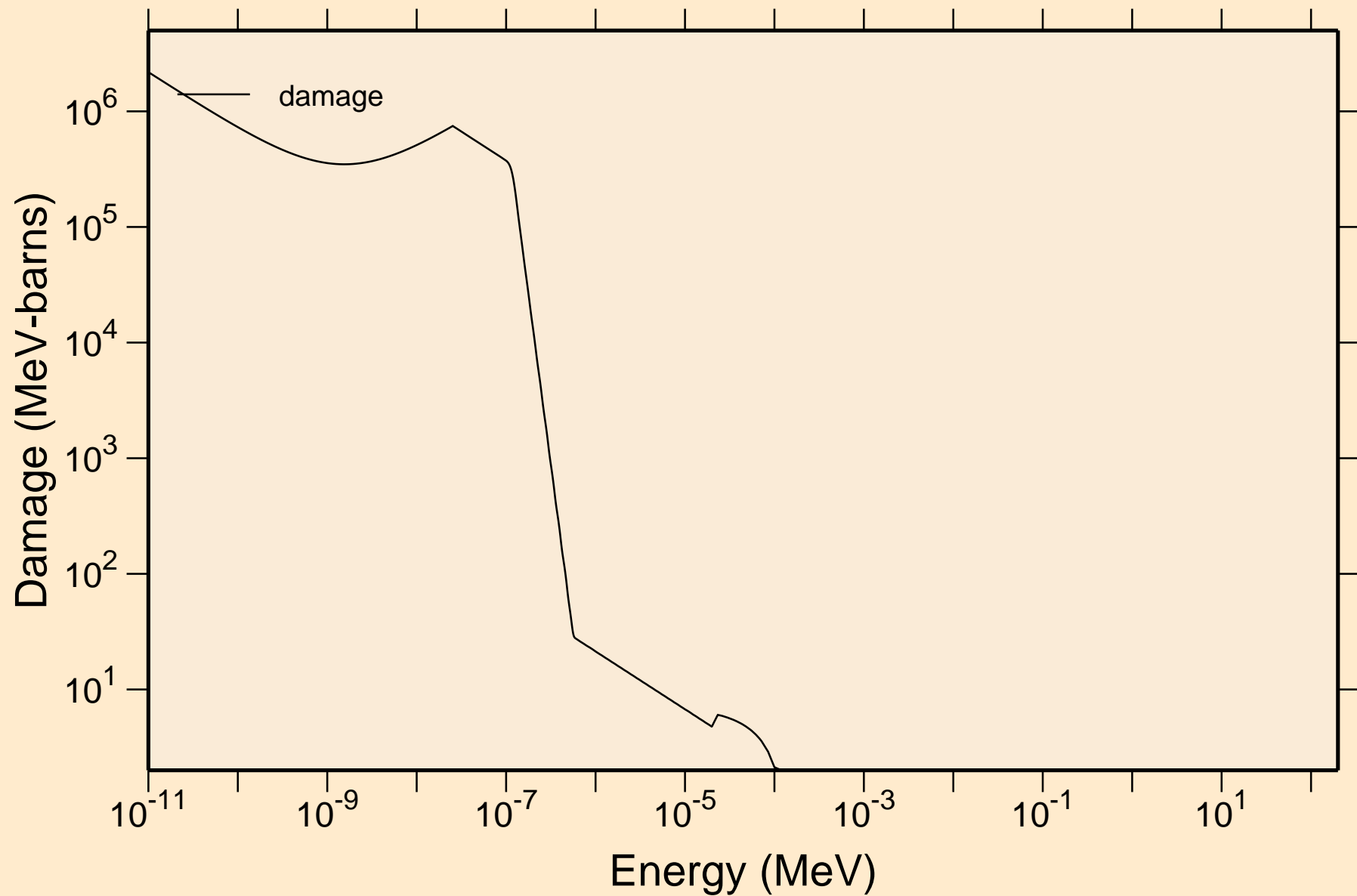
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



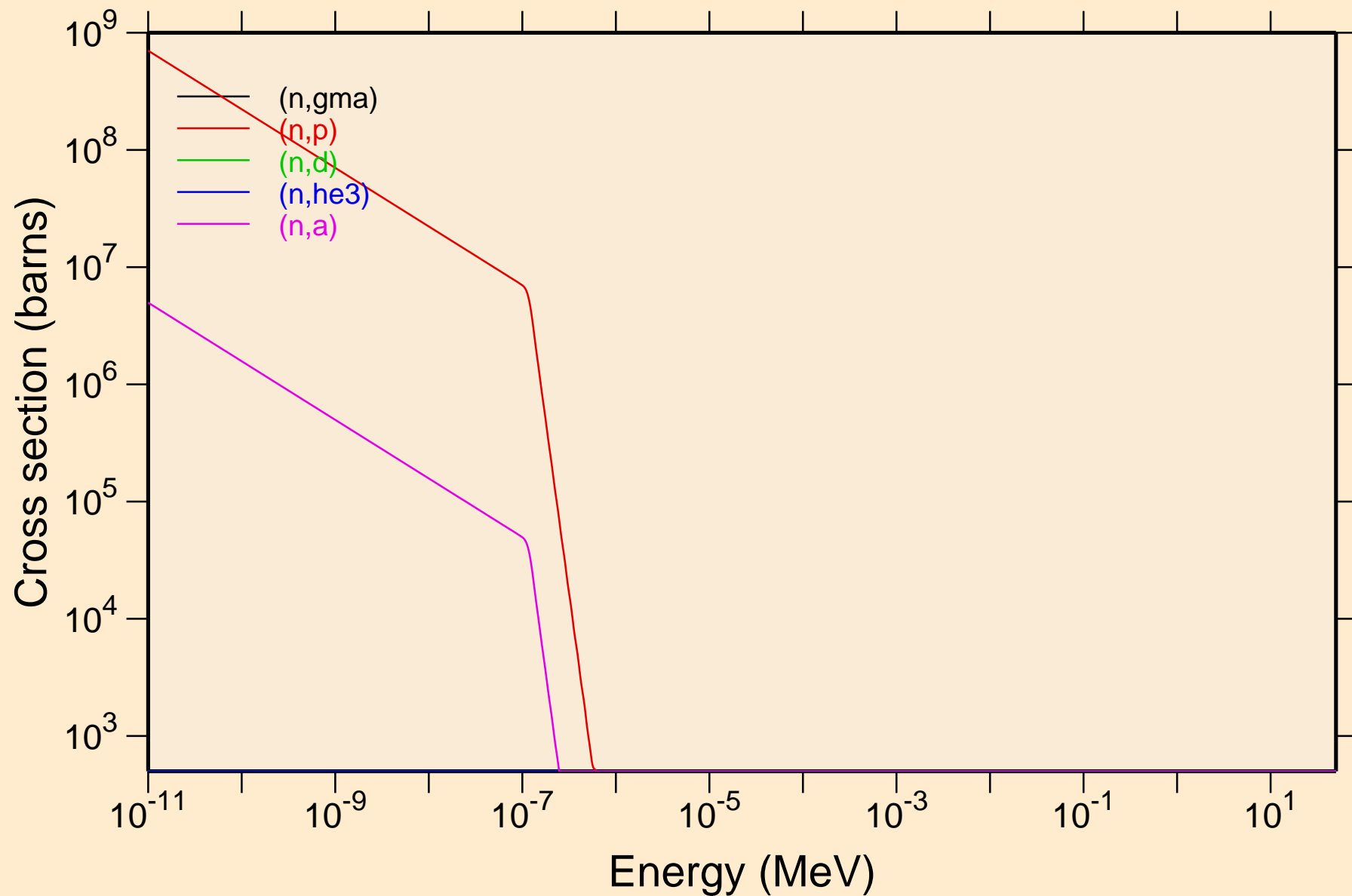
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



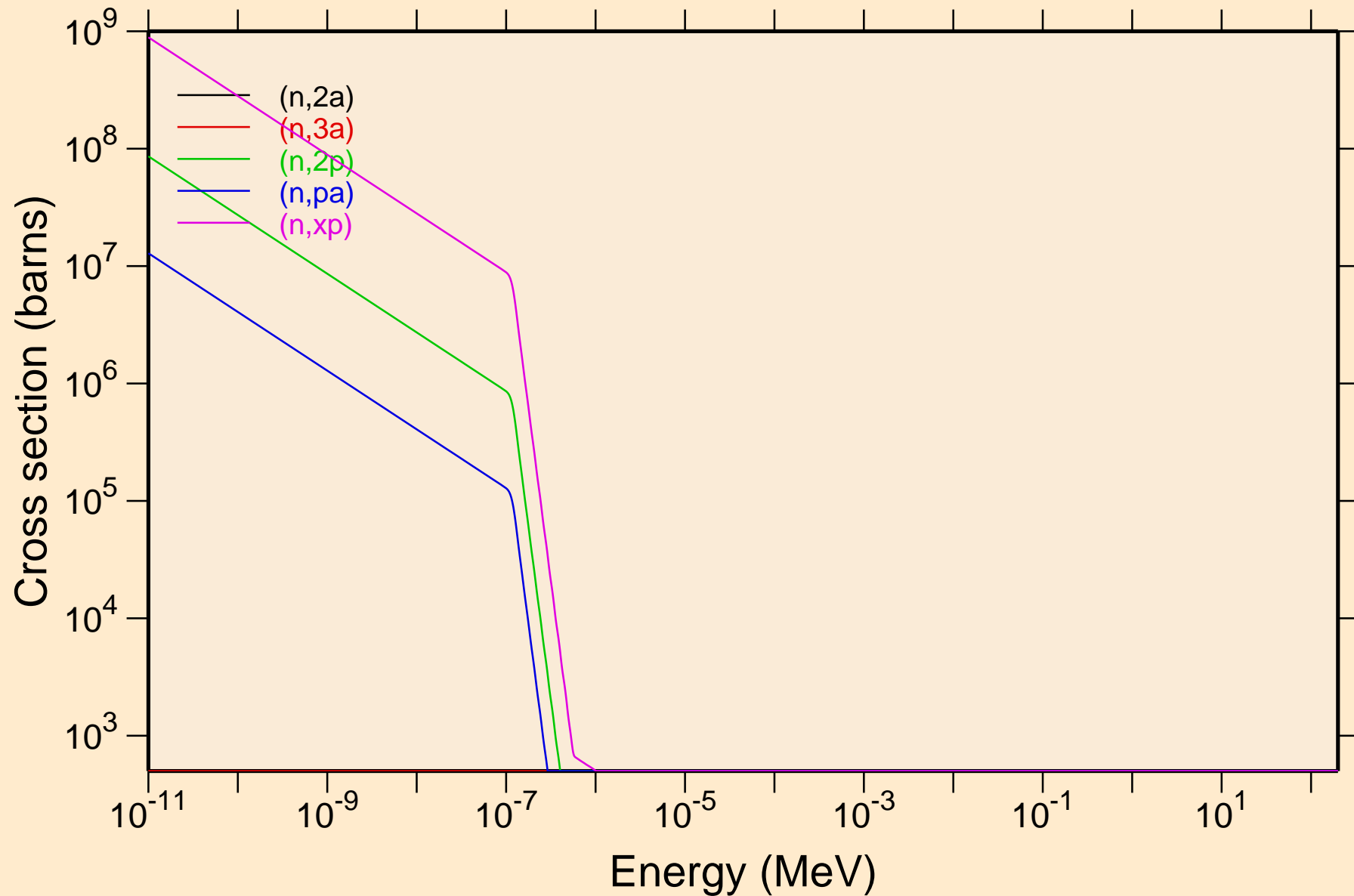
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



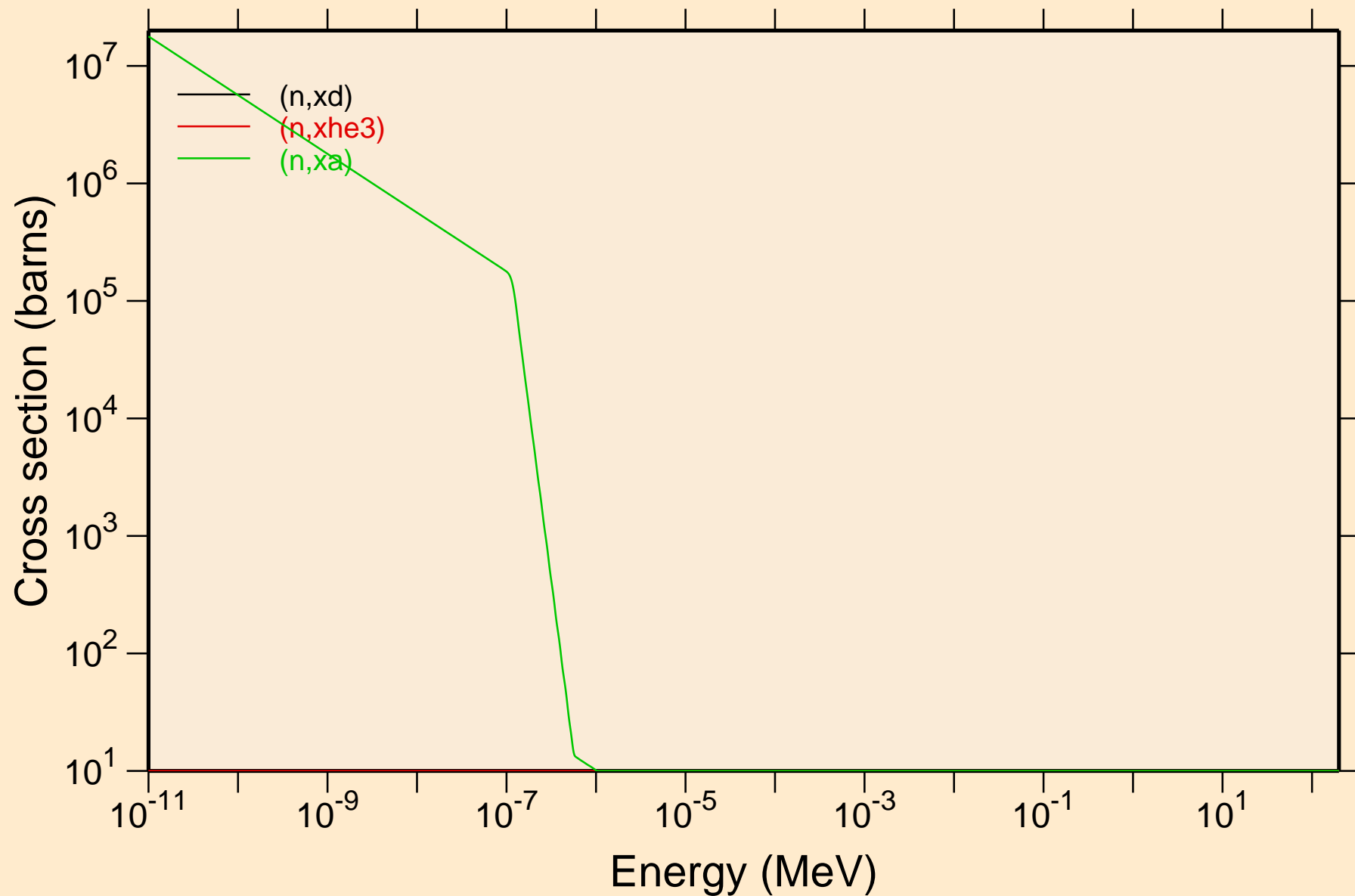
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

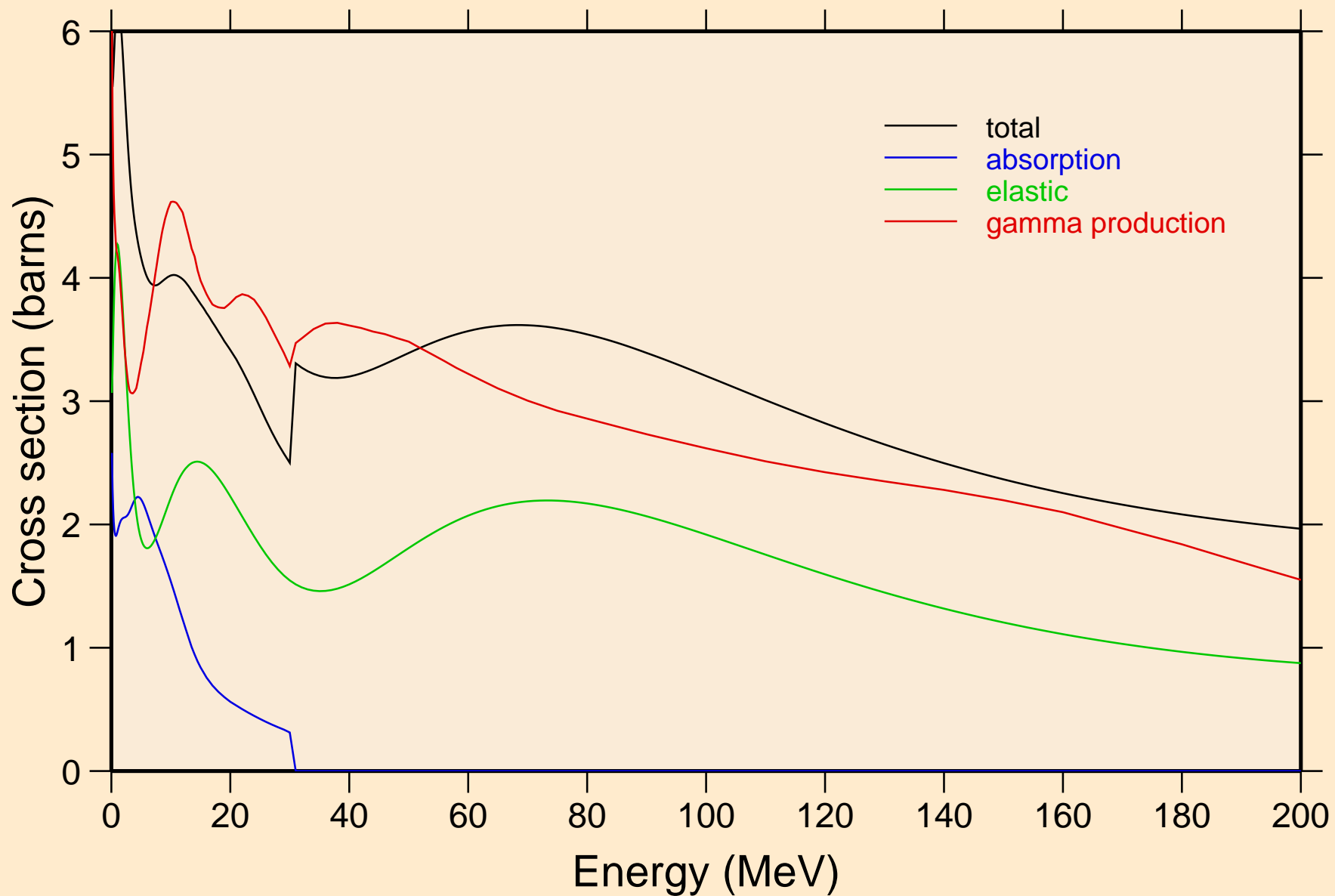


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

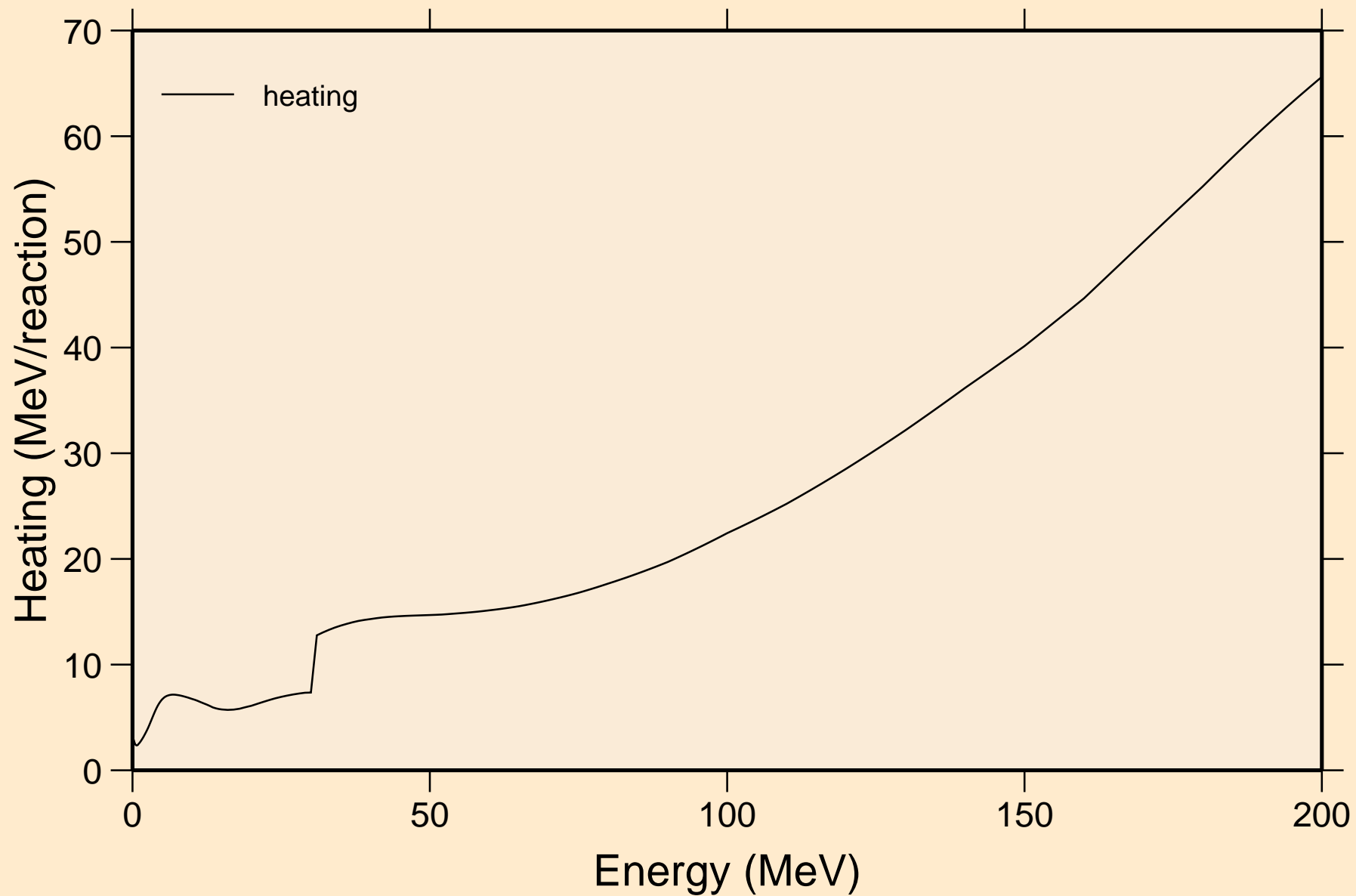


# CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Principal cross sections

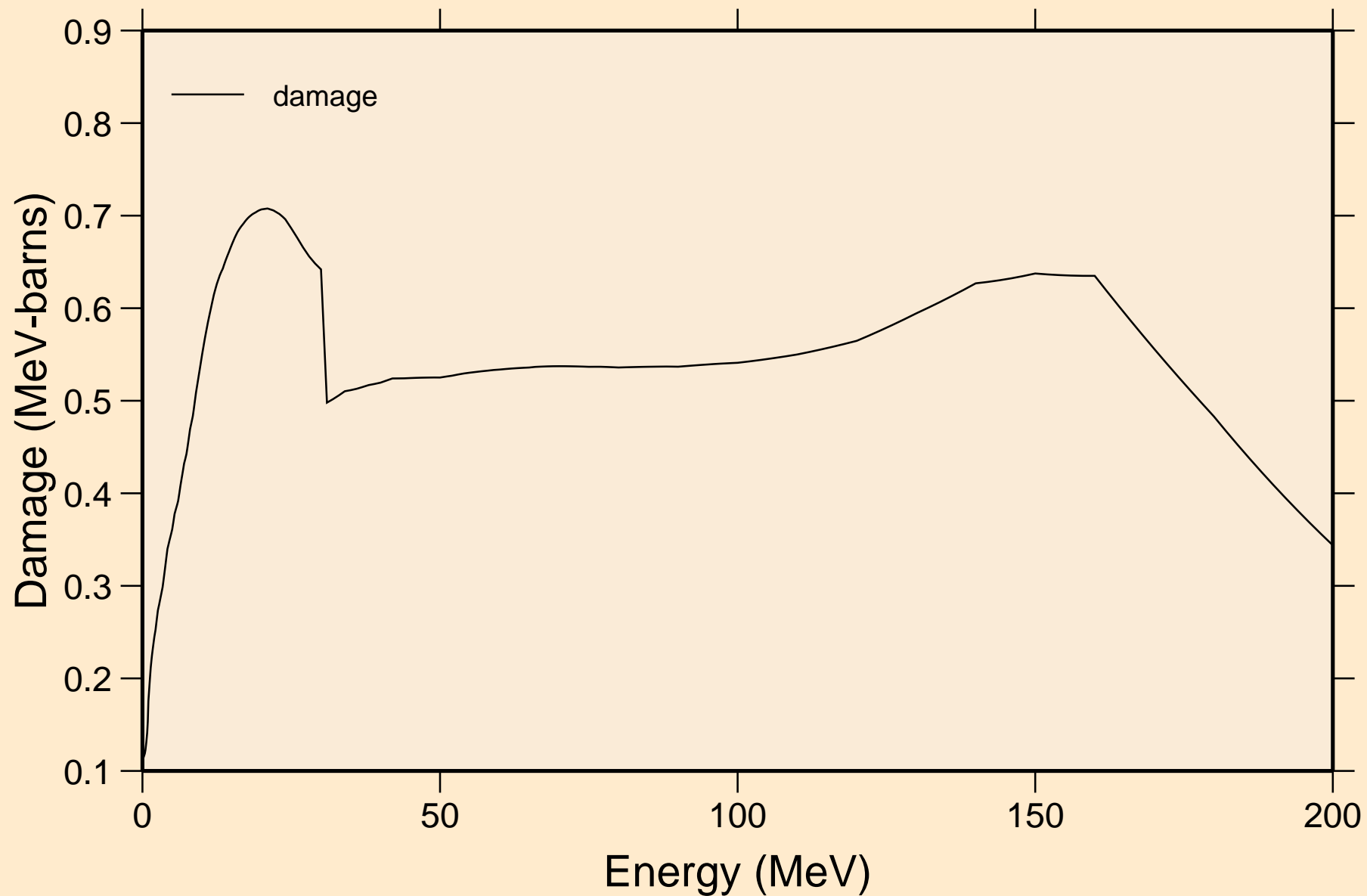


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

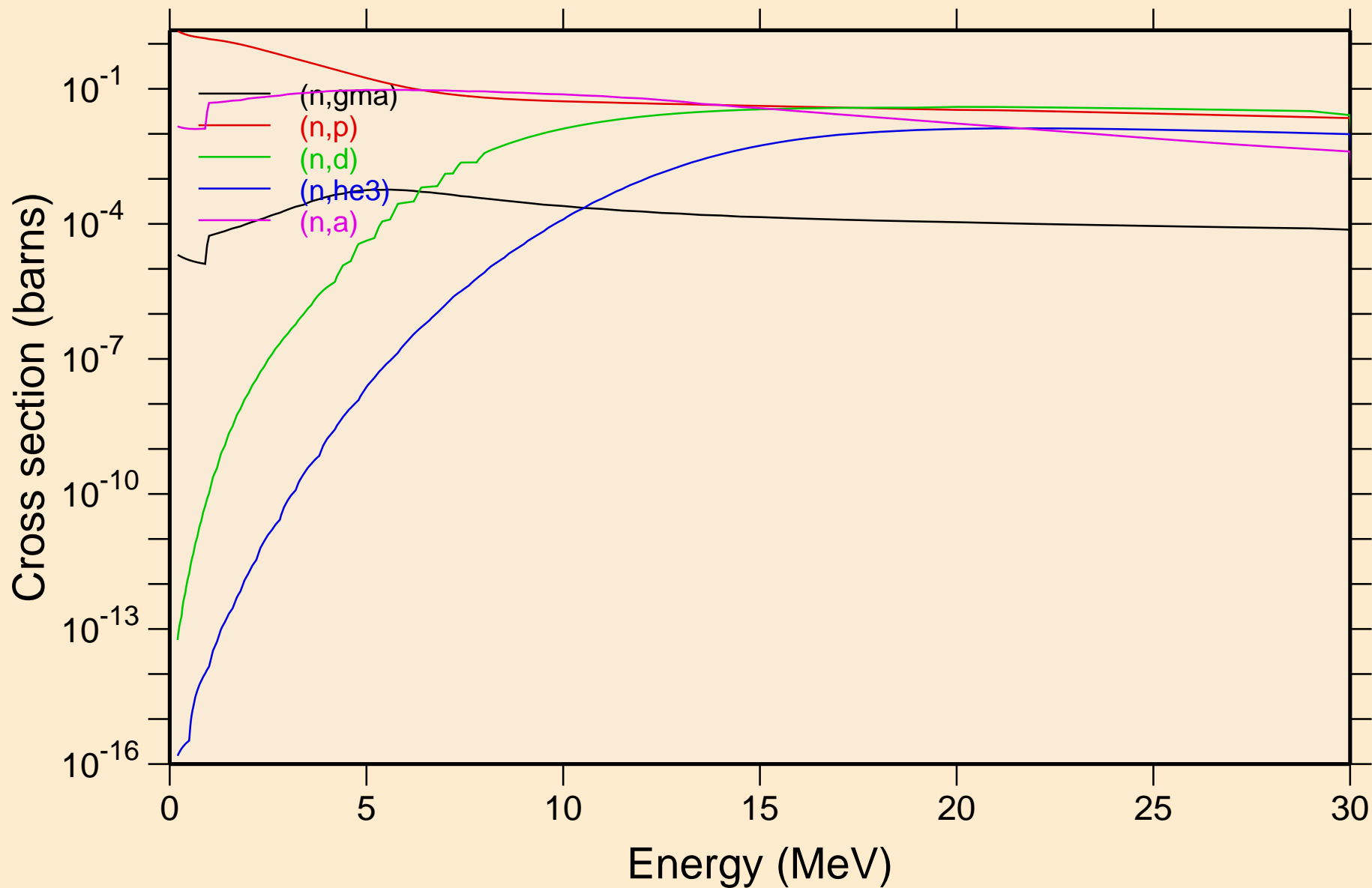




CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

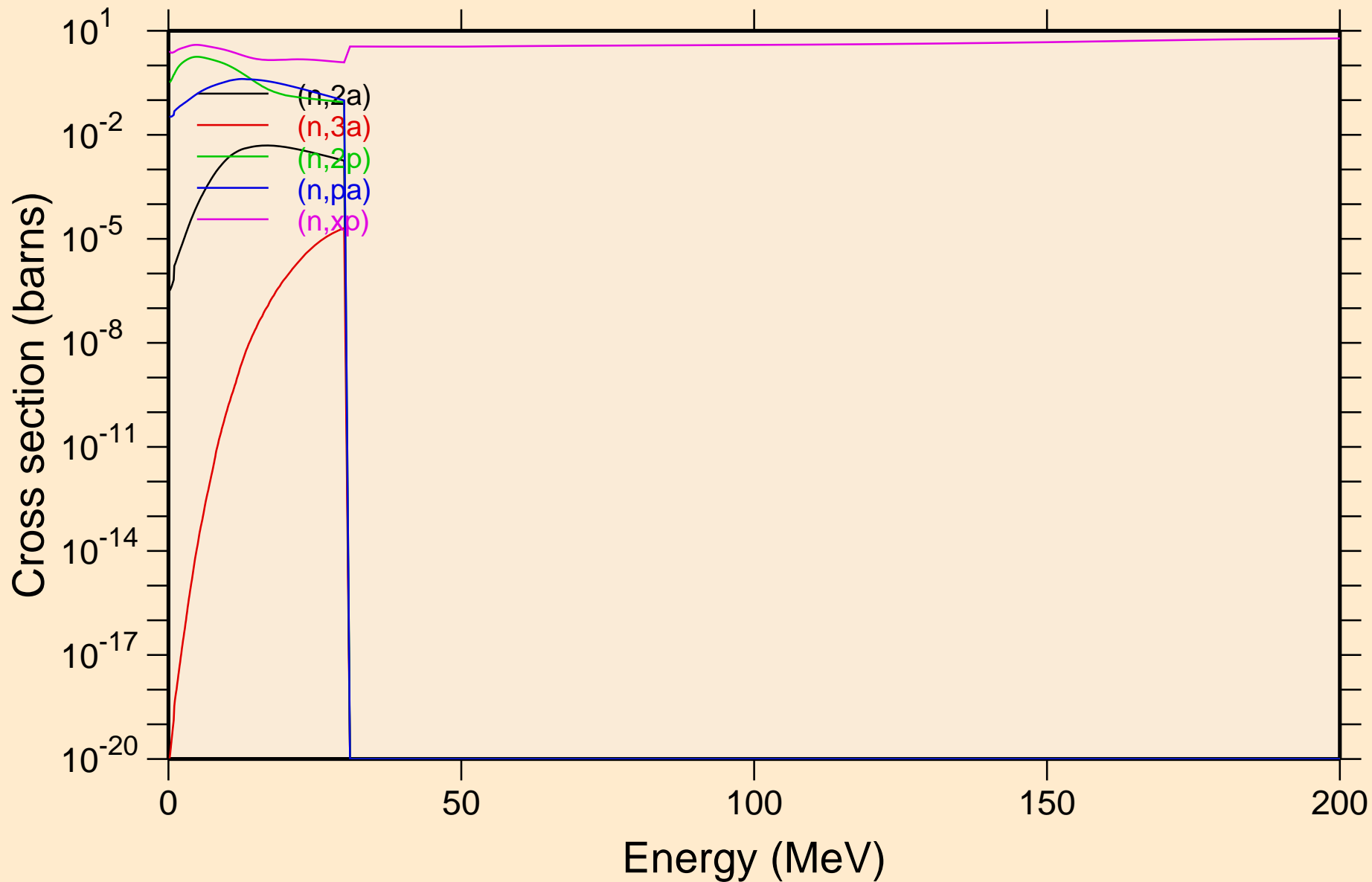


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

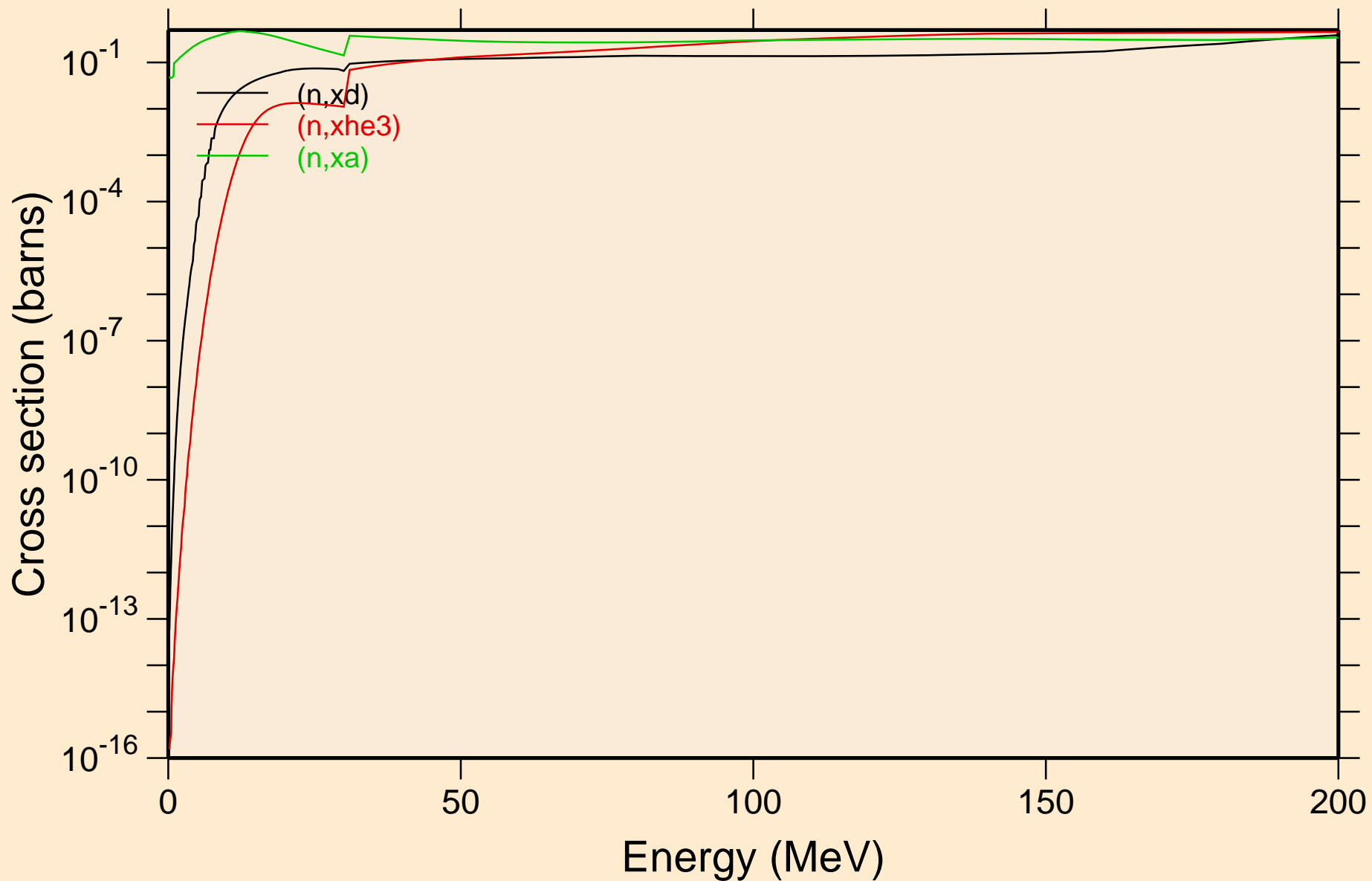


# CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

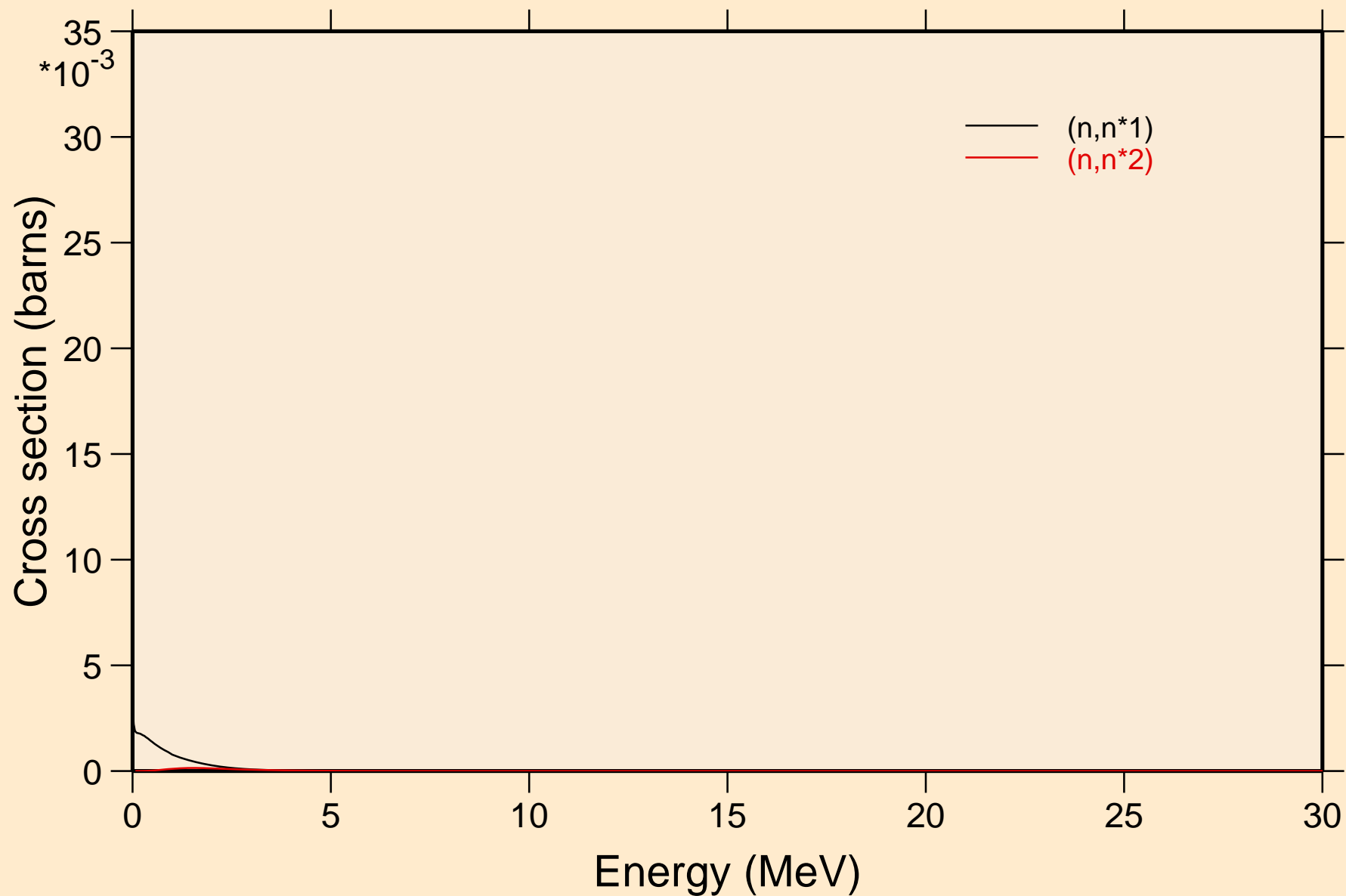
## Non-threshold reactions



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

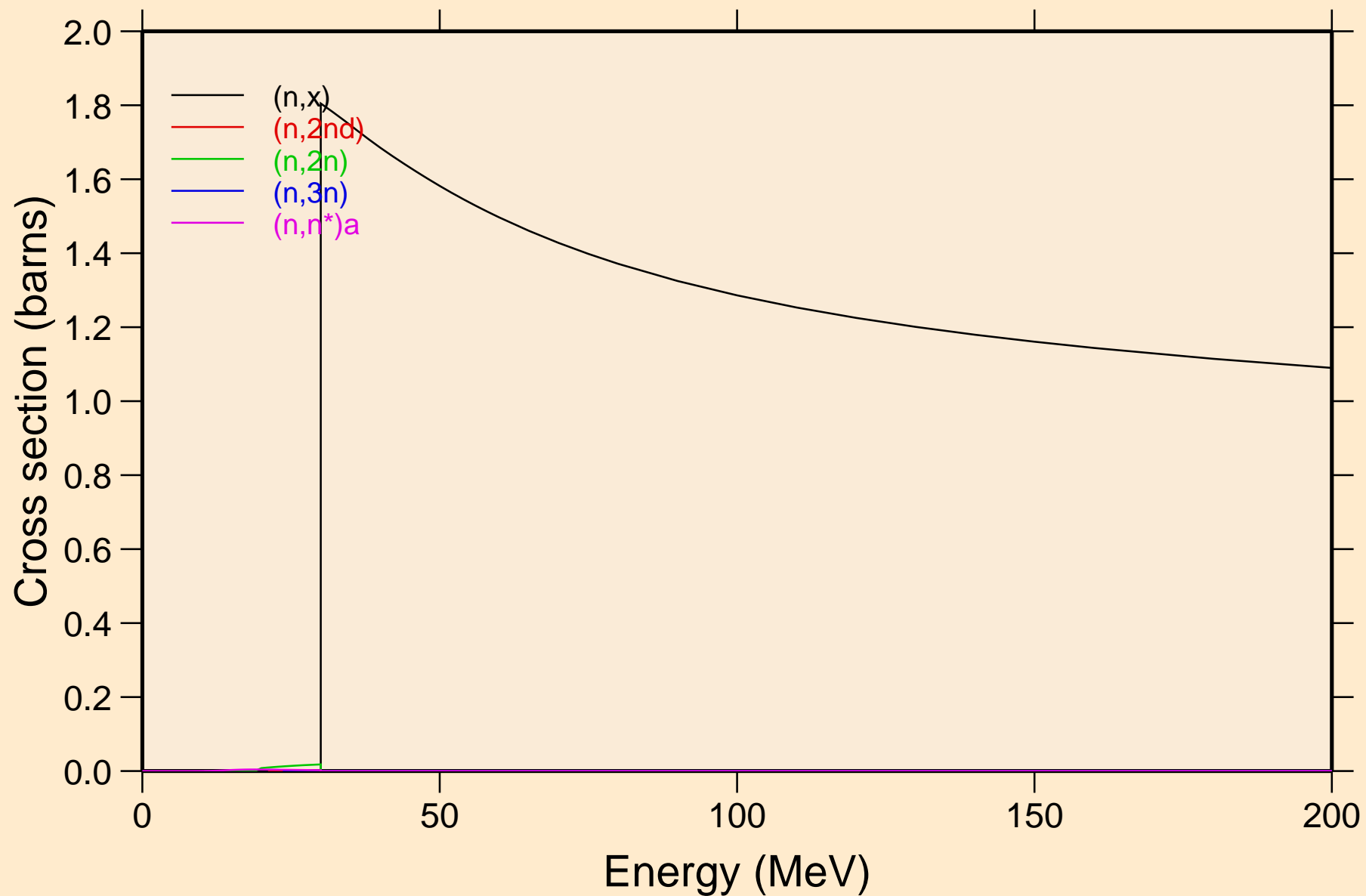


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

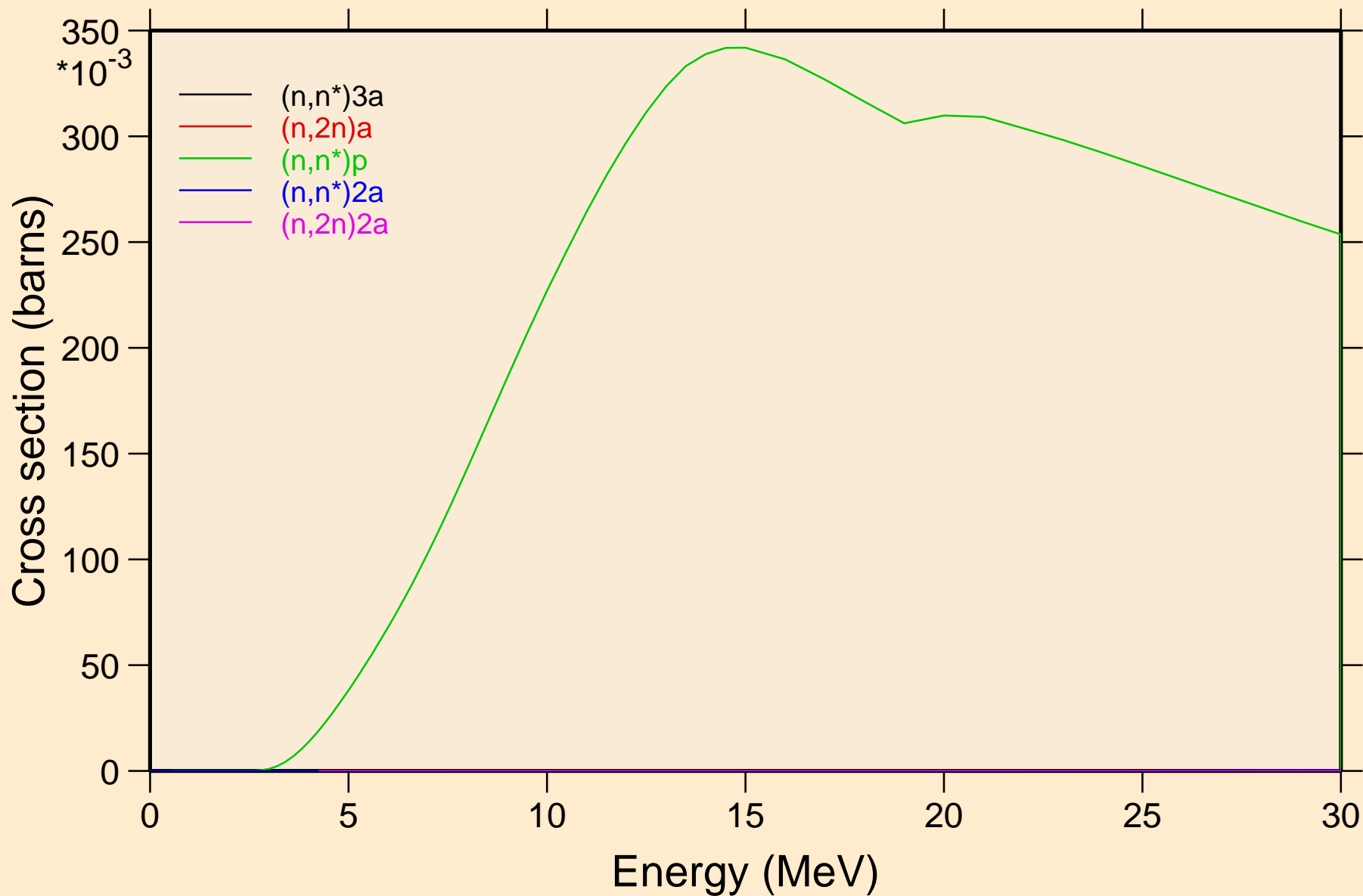


# CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

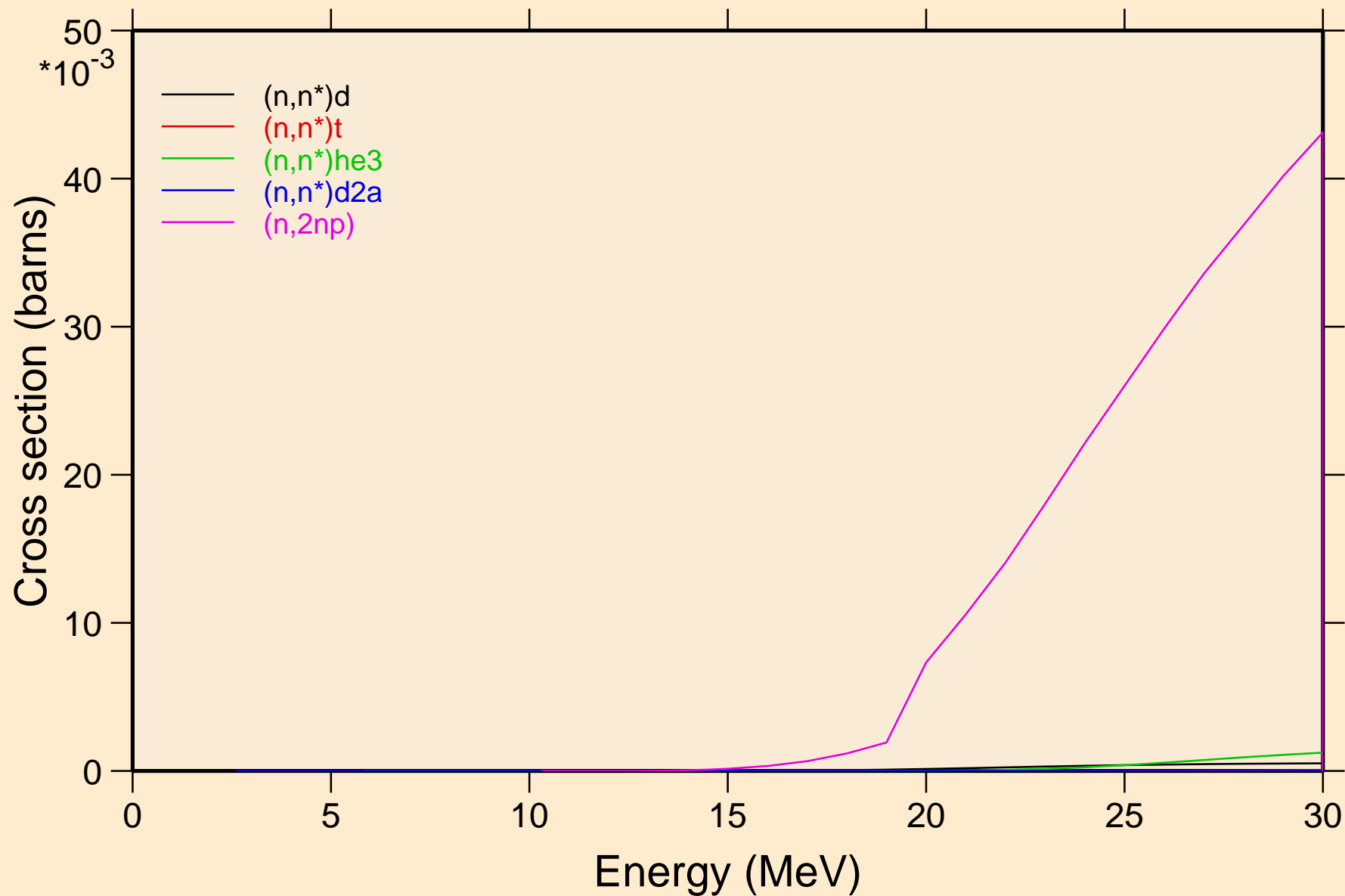
## Threshold reactions



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



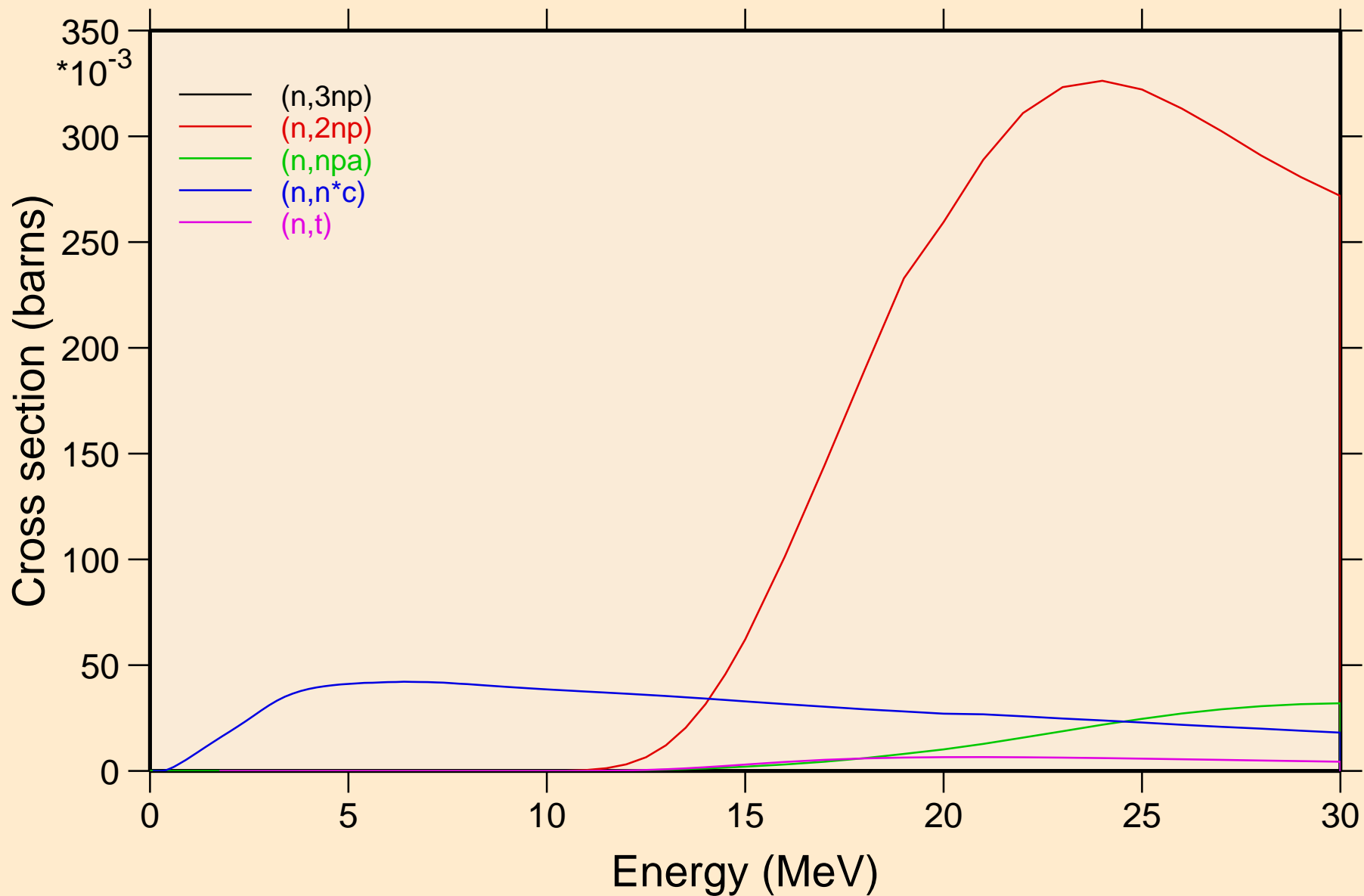
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions





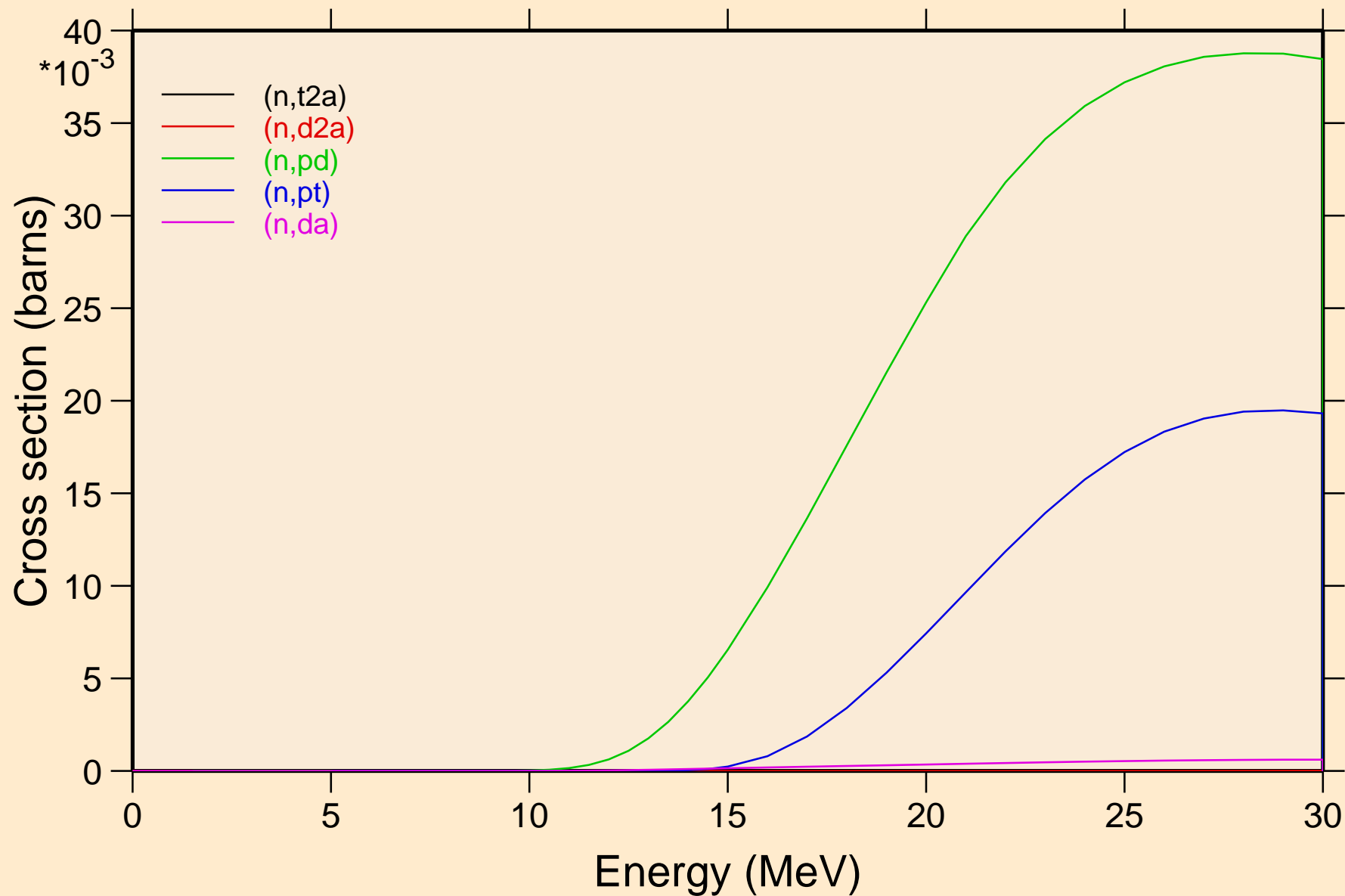
# CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

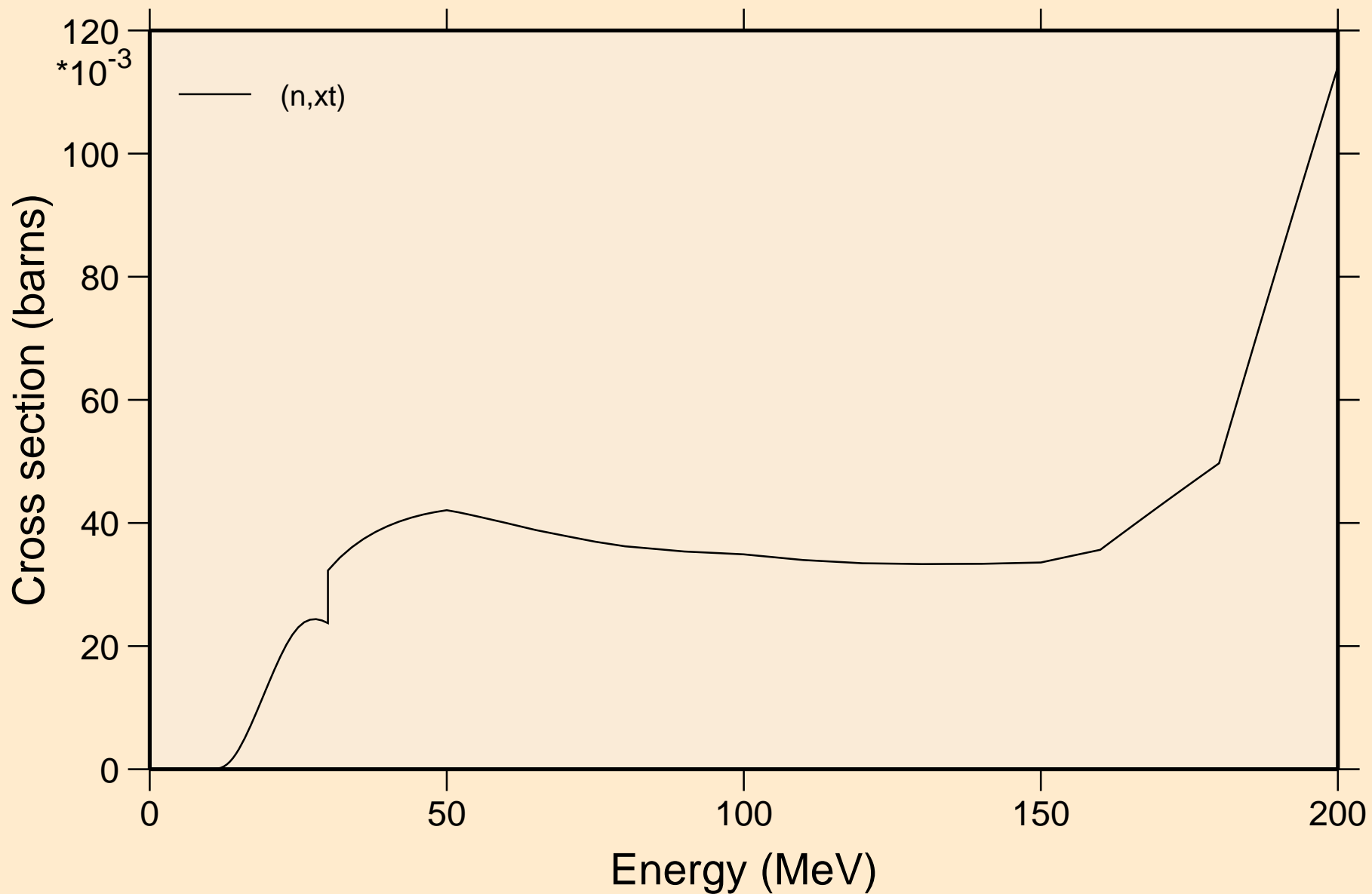


# CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

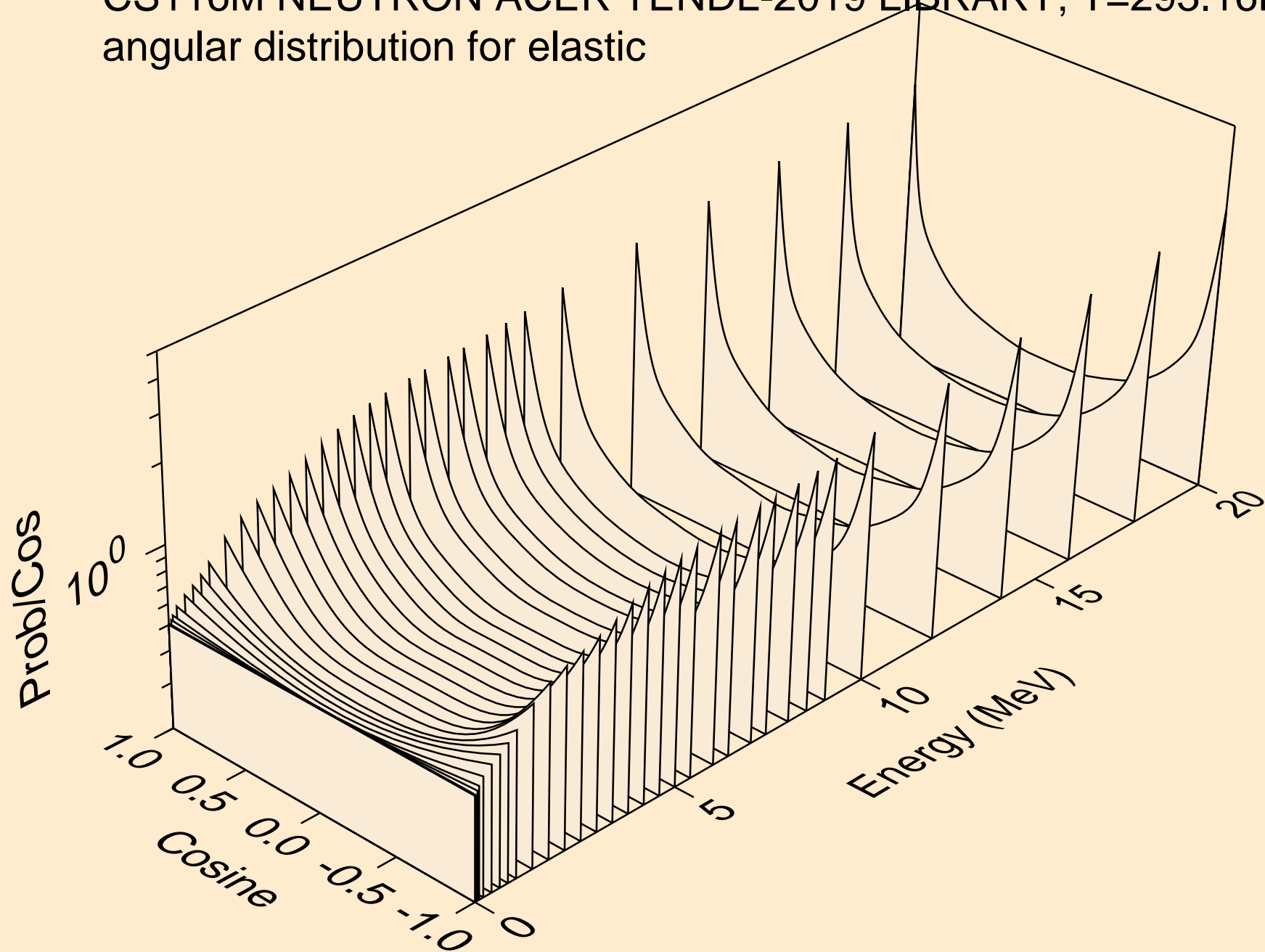
## Threshold reactions



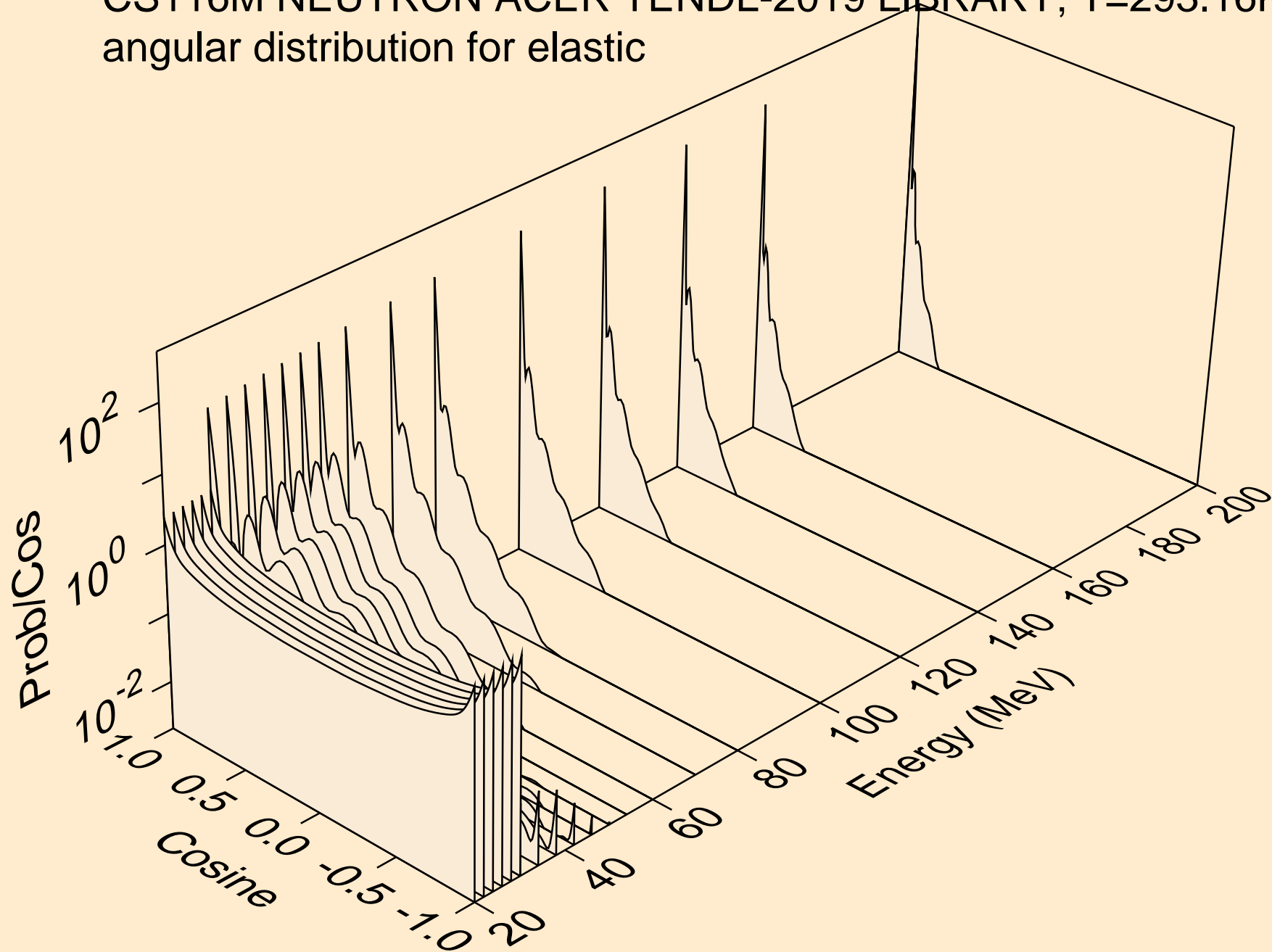
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



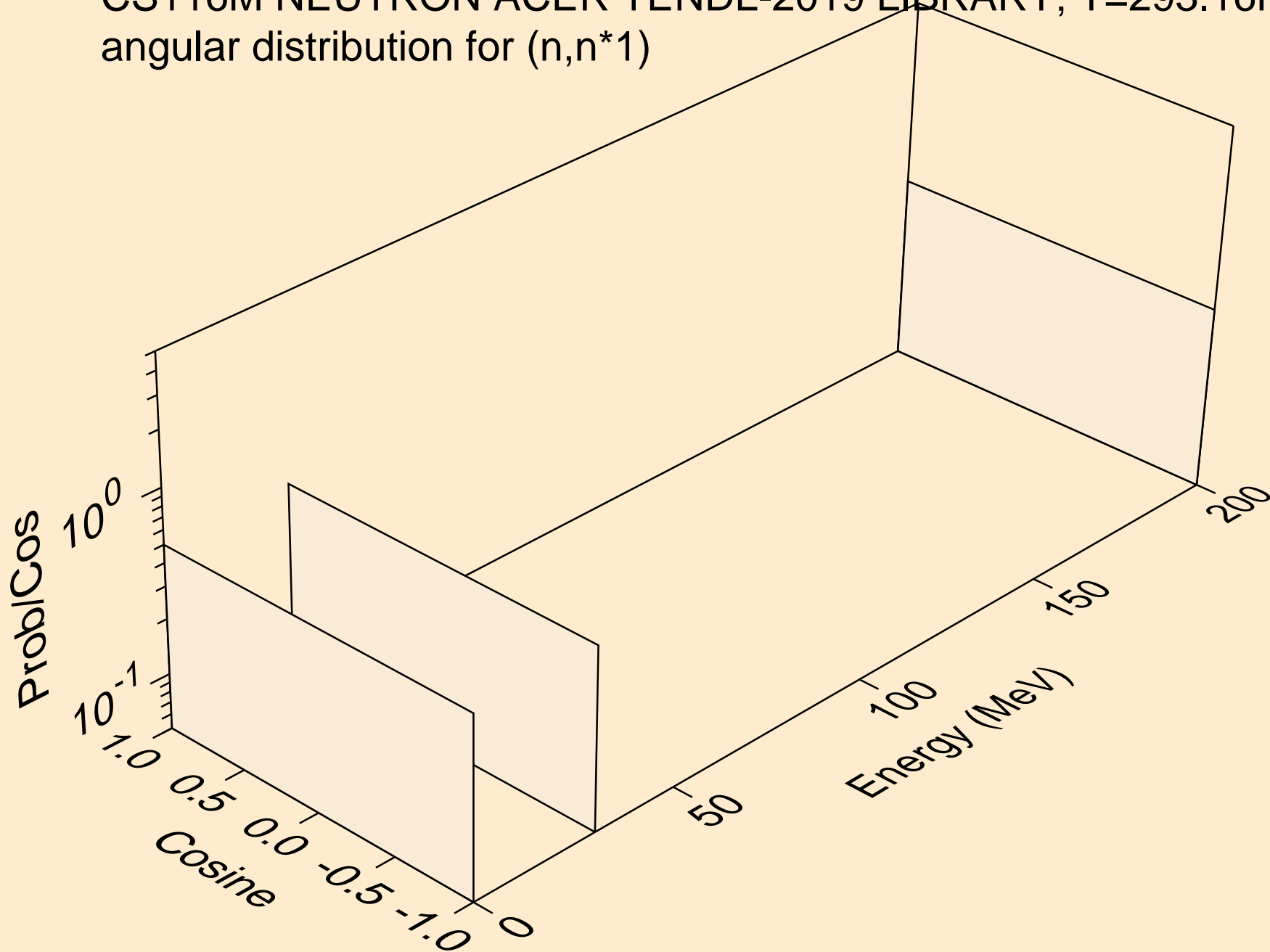
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



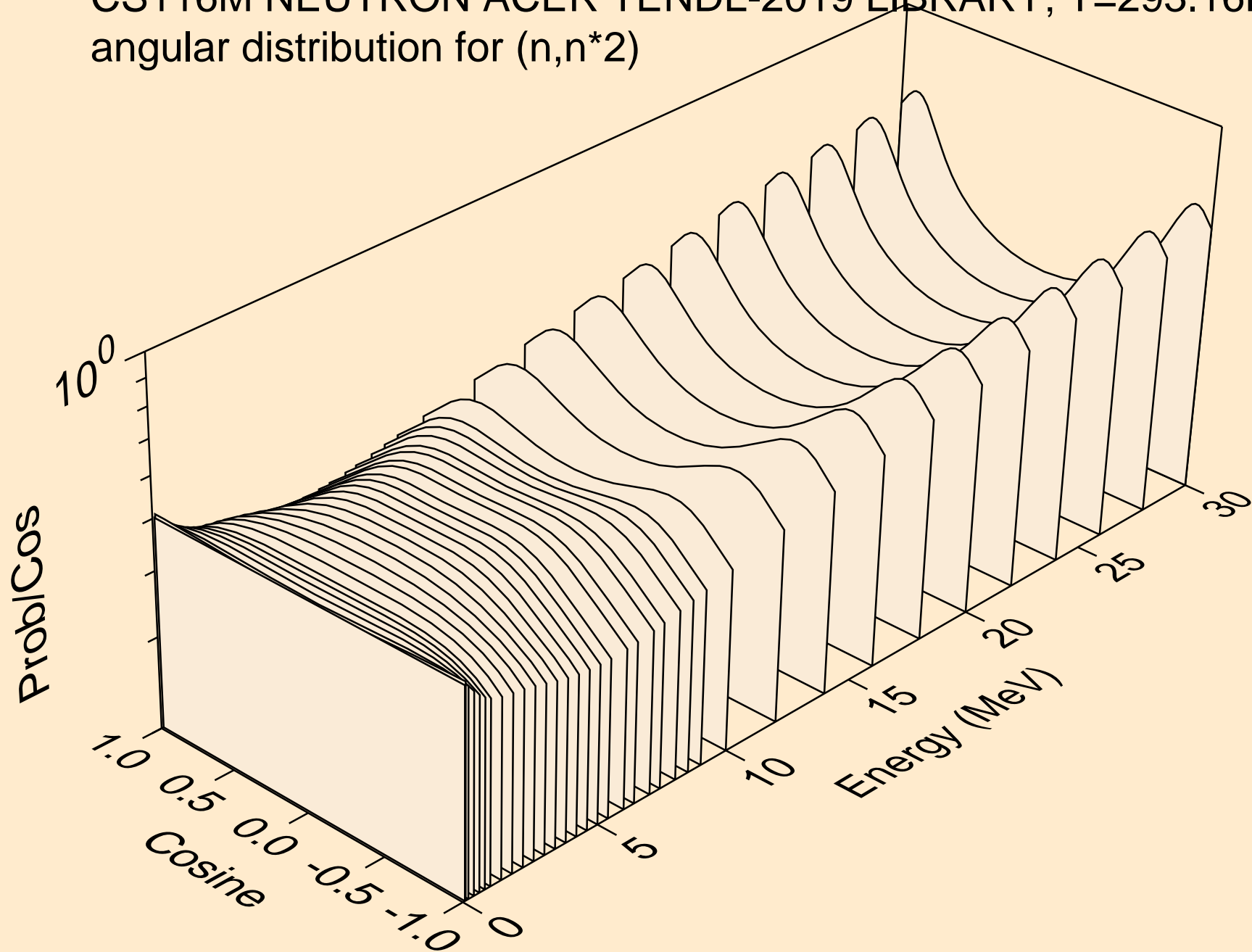
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



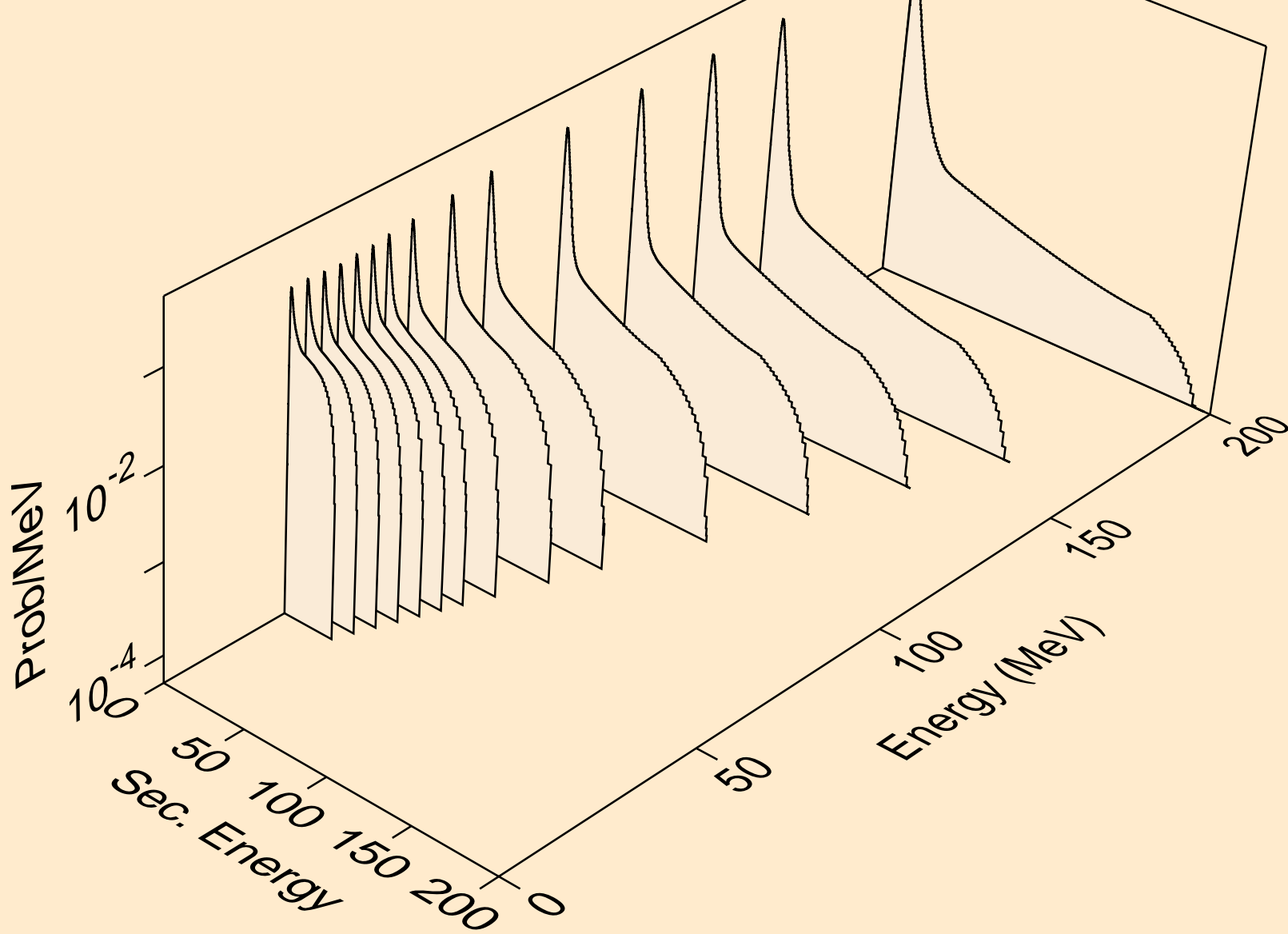
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)

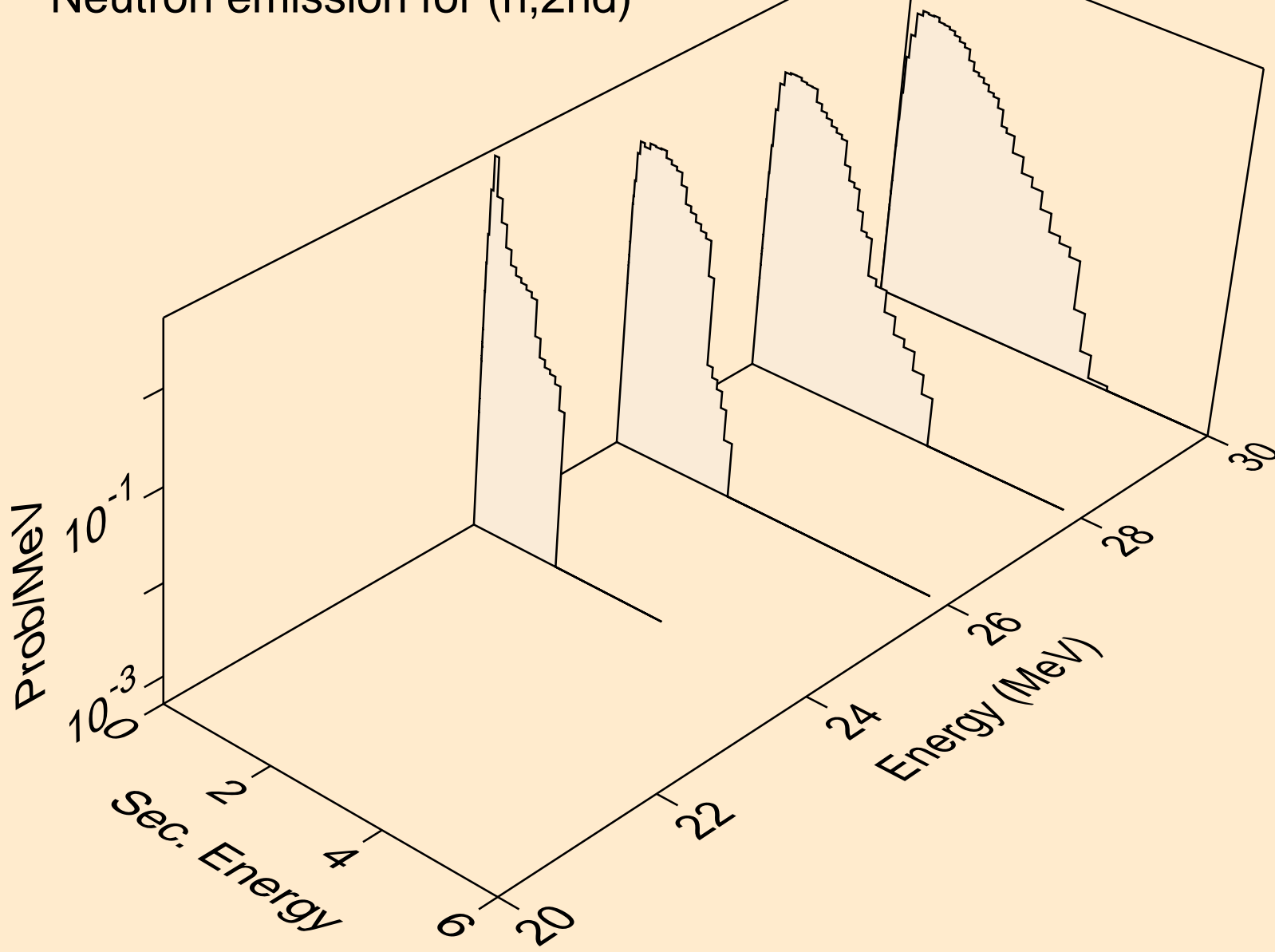


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)

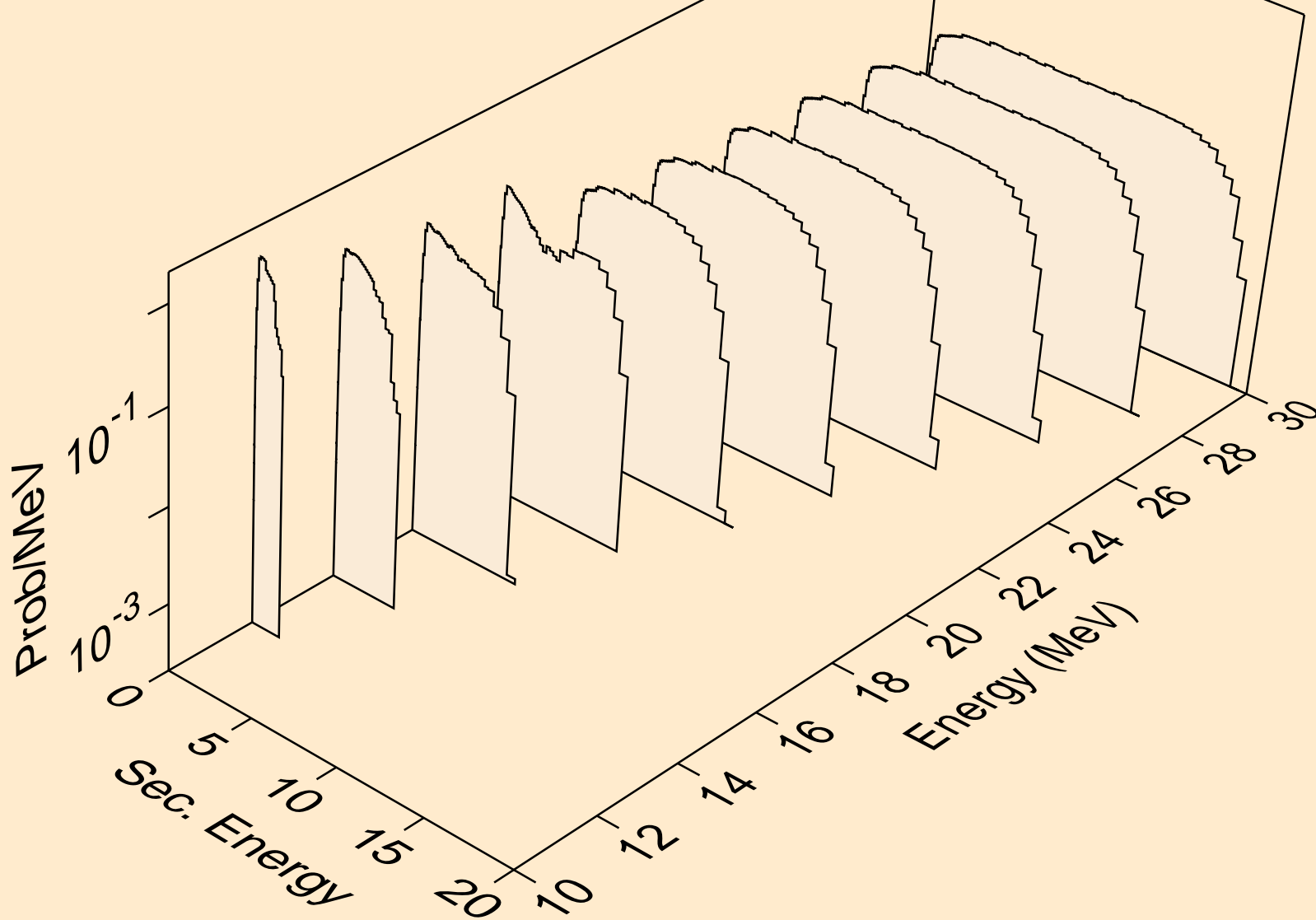




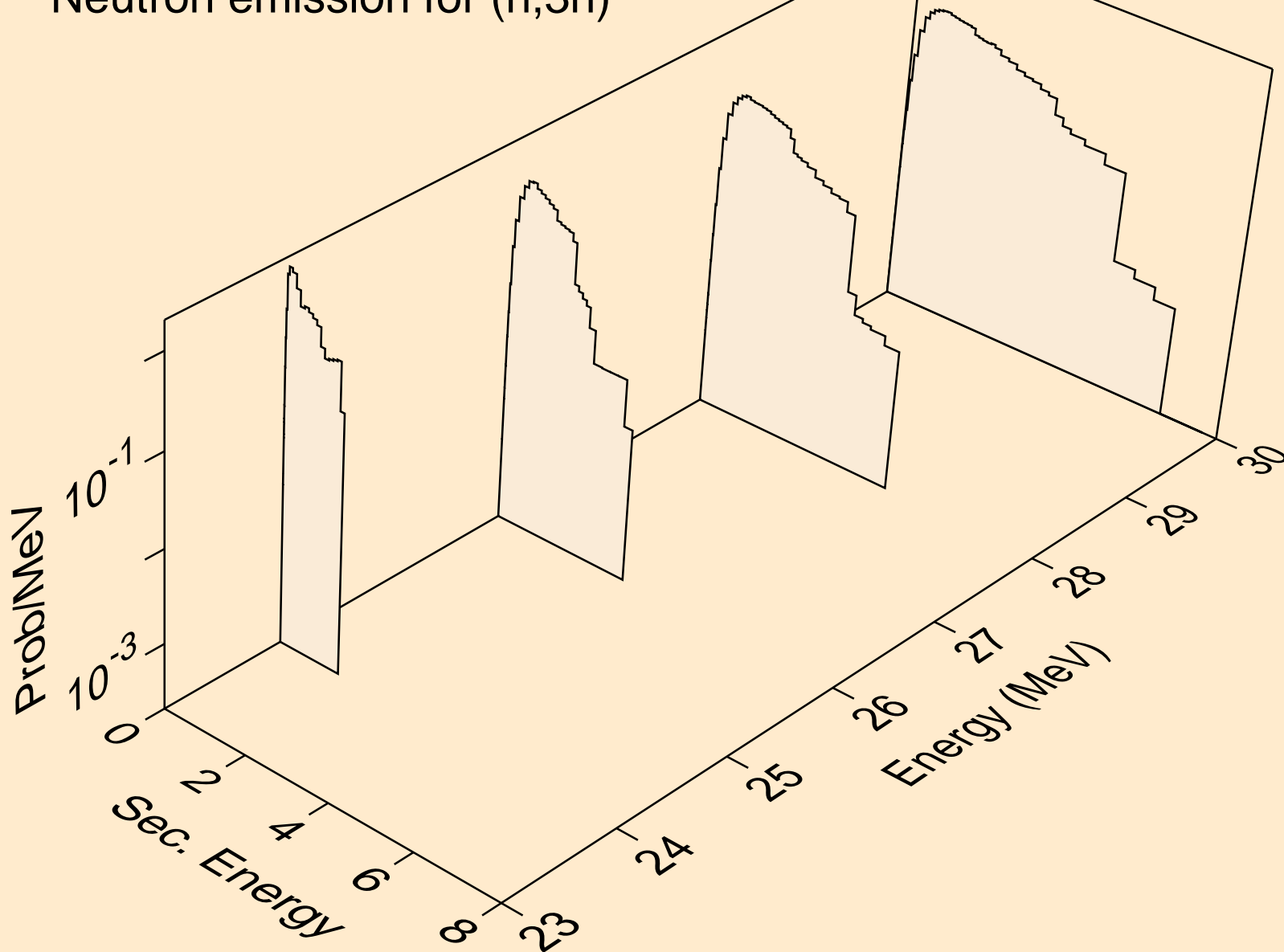
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



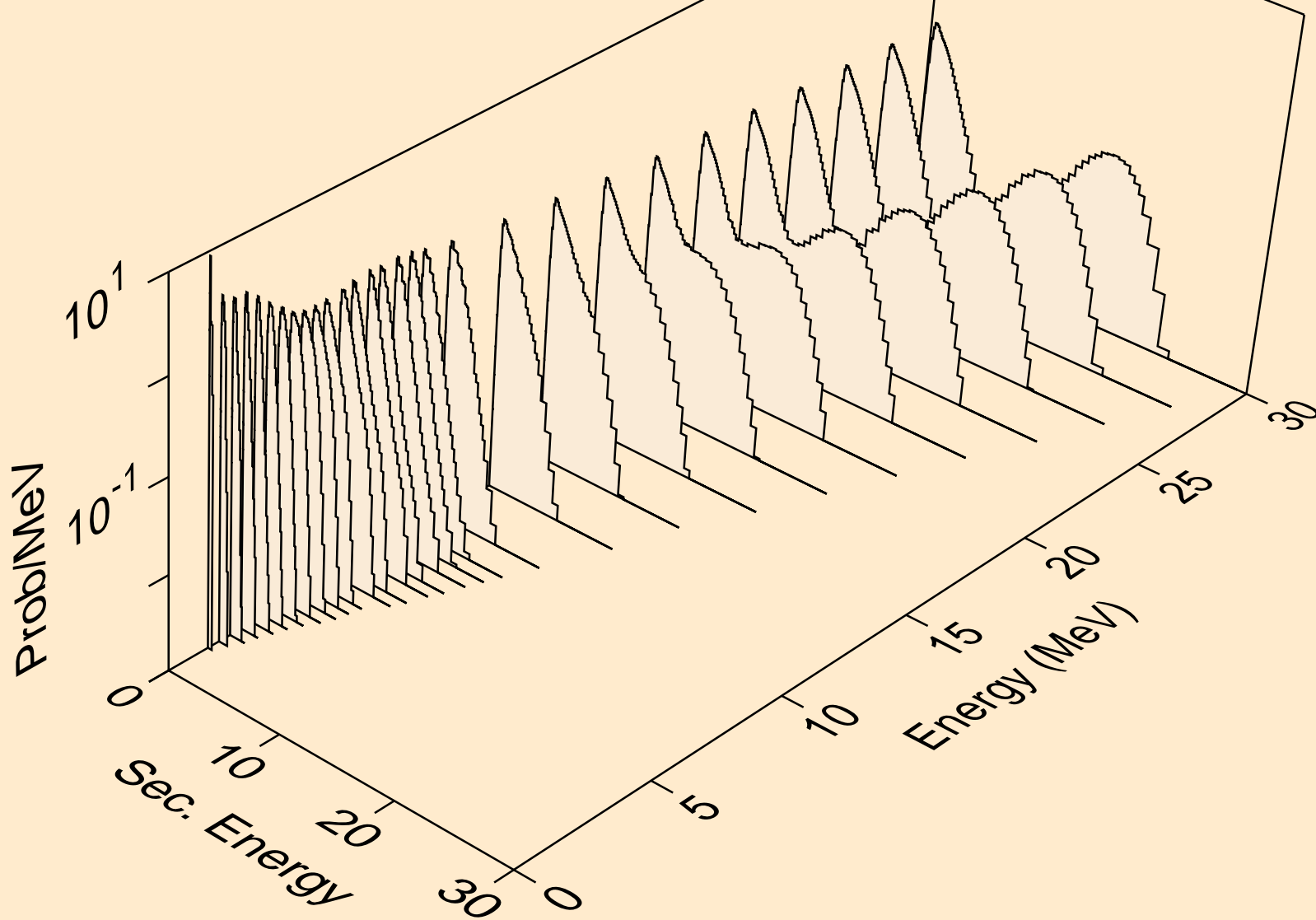
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



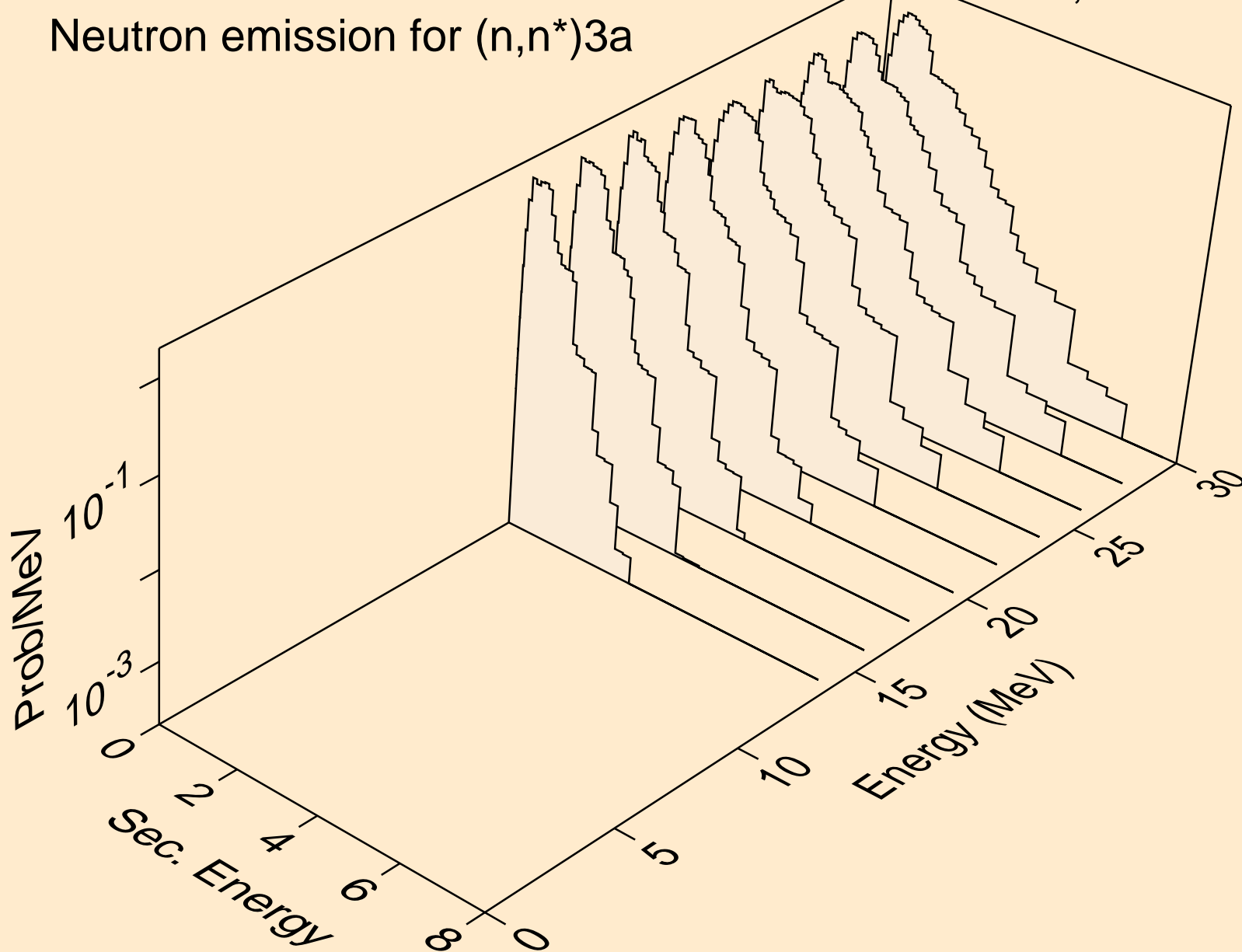
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



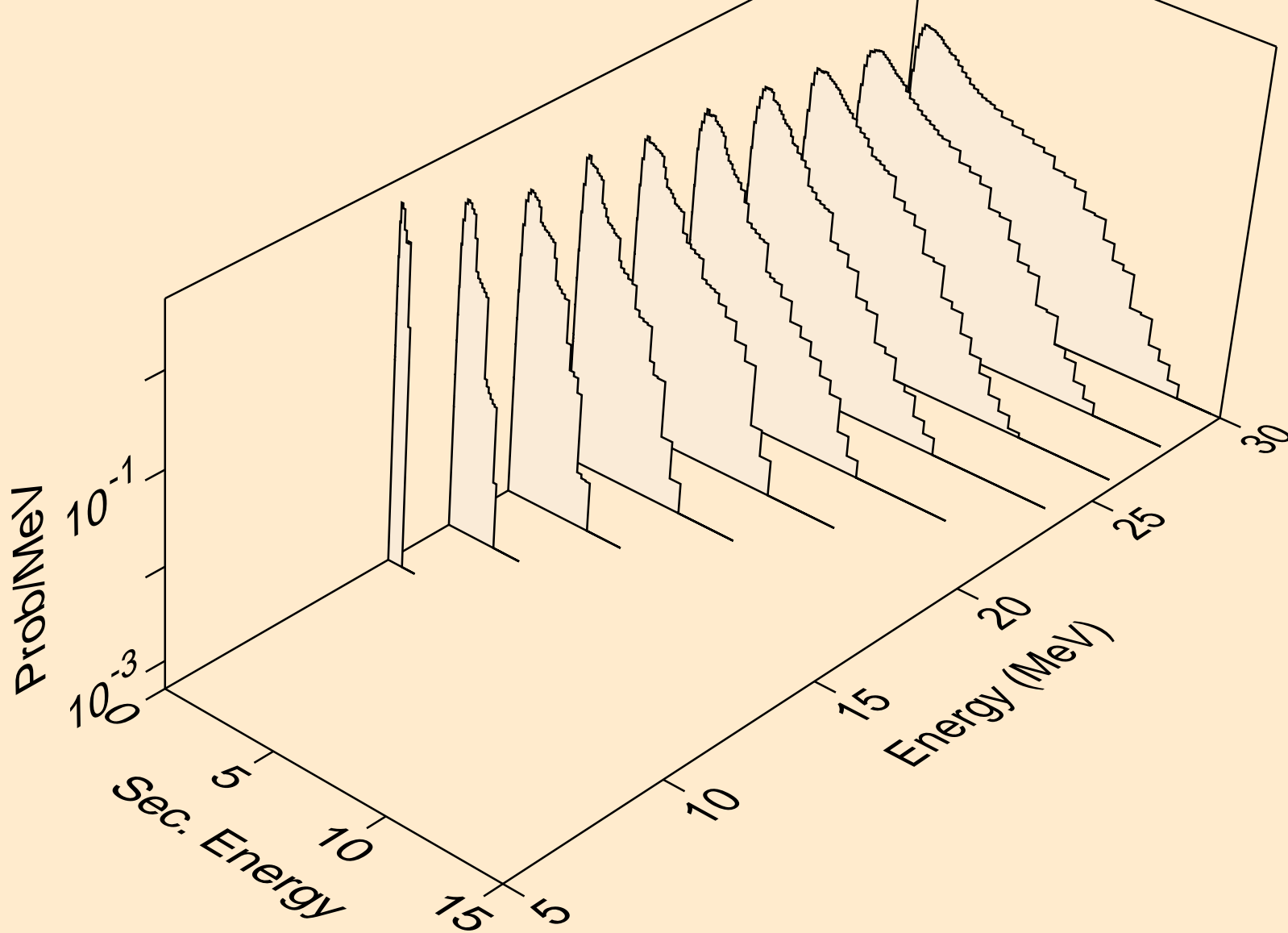
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



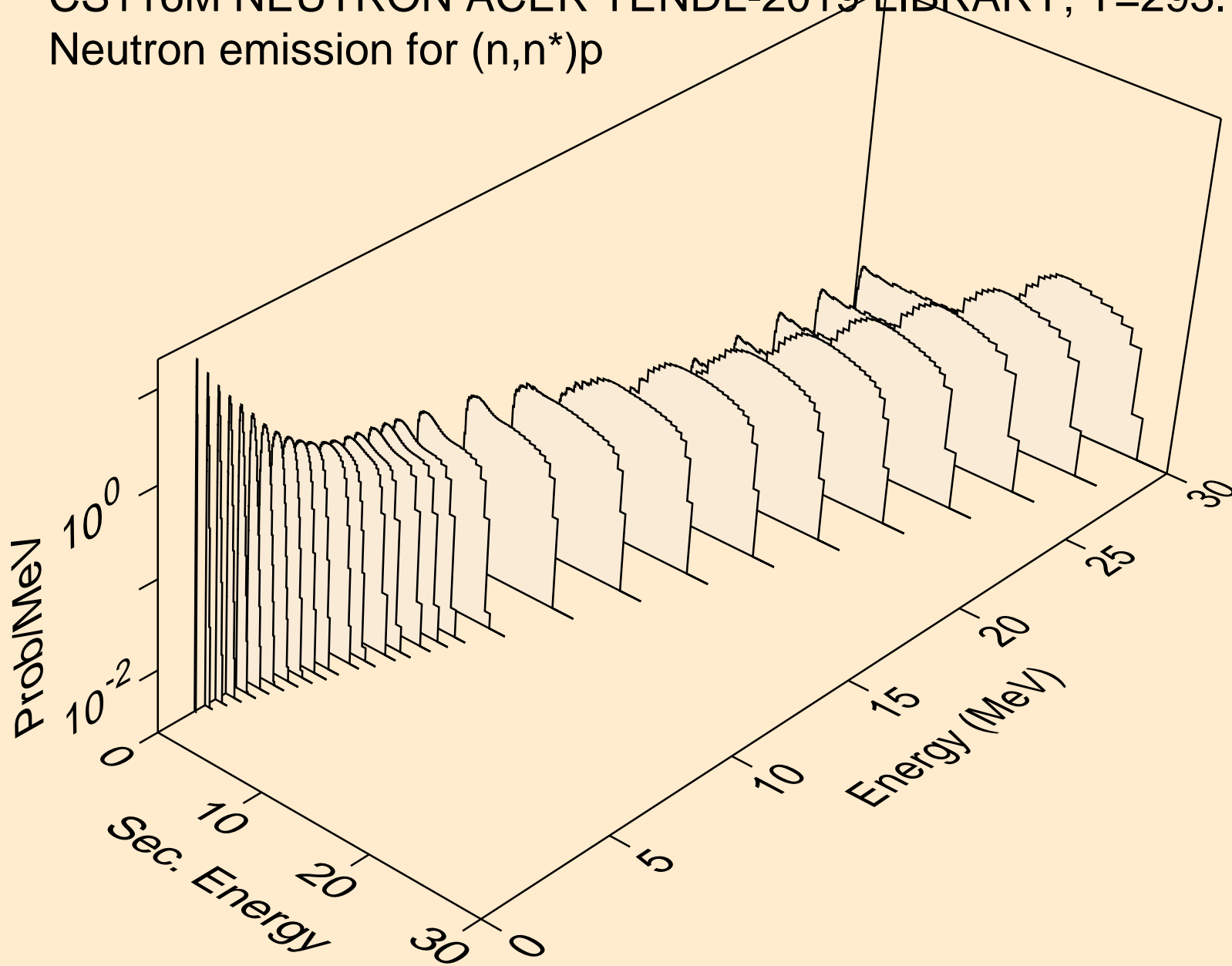
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)3a



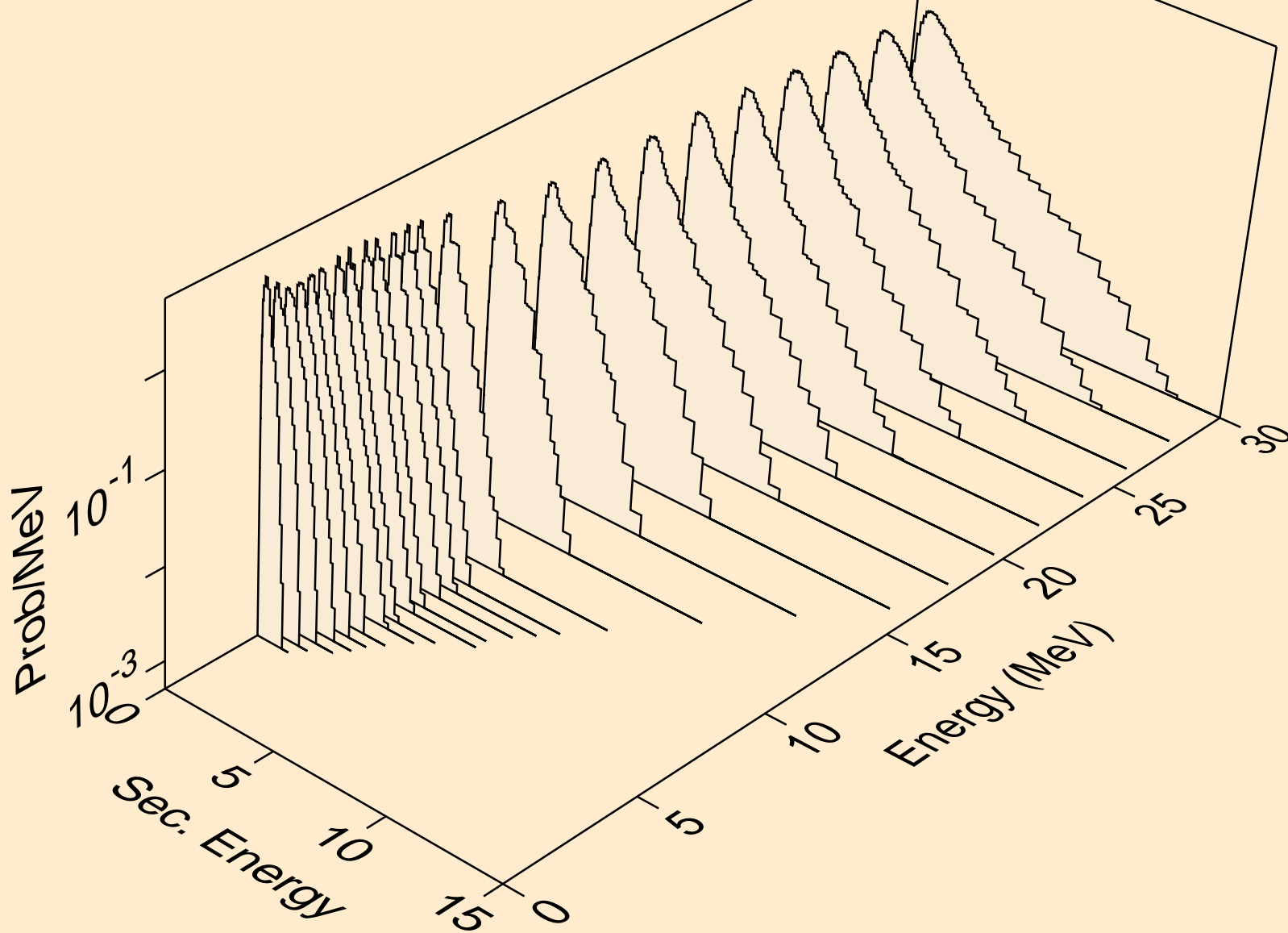
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p

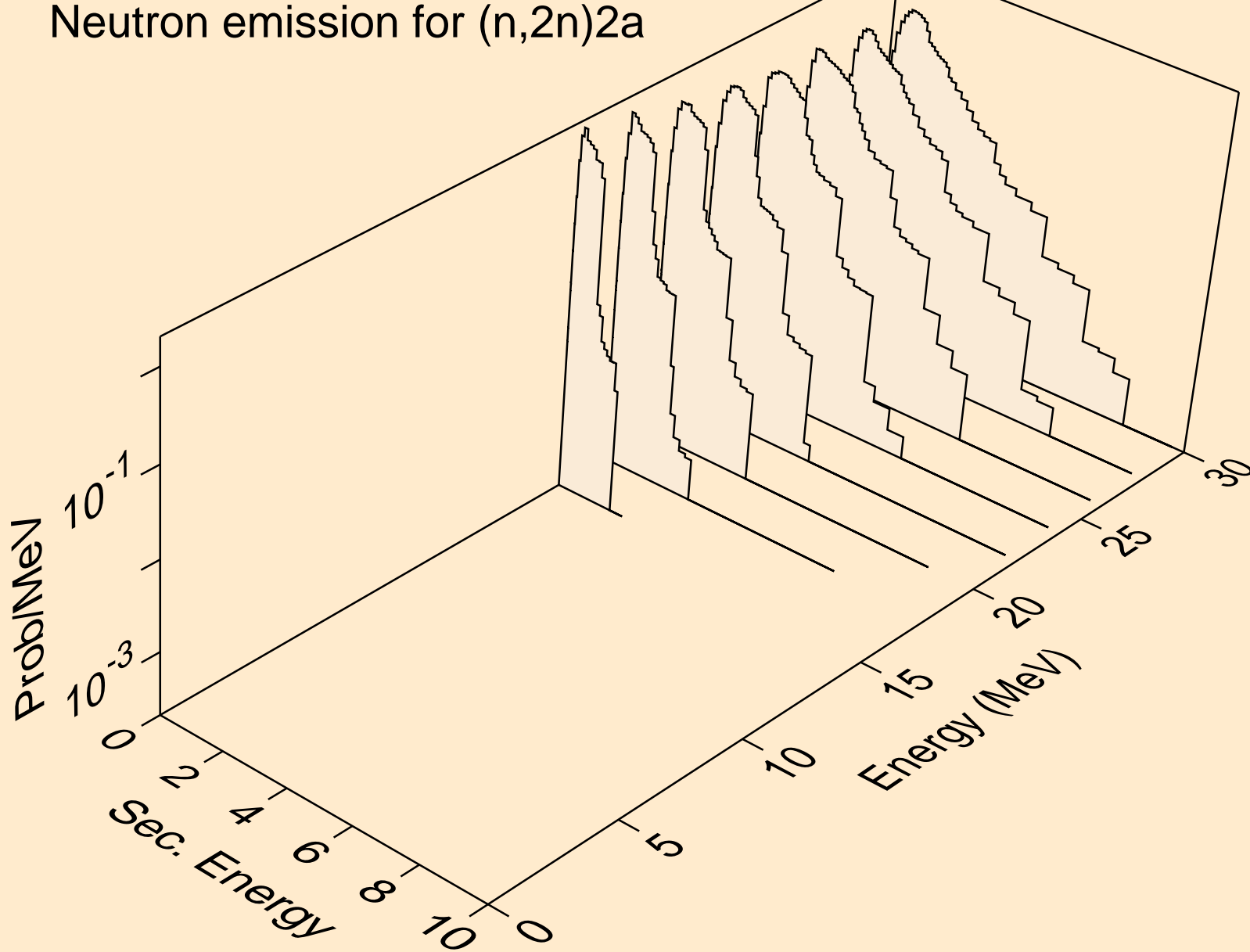


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a

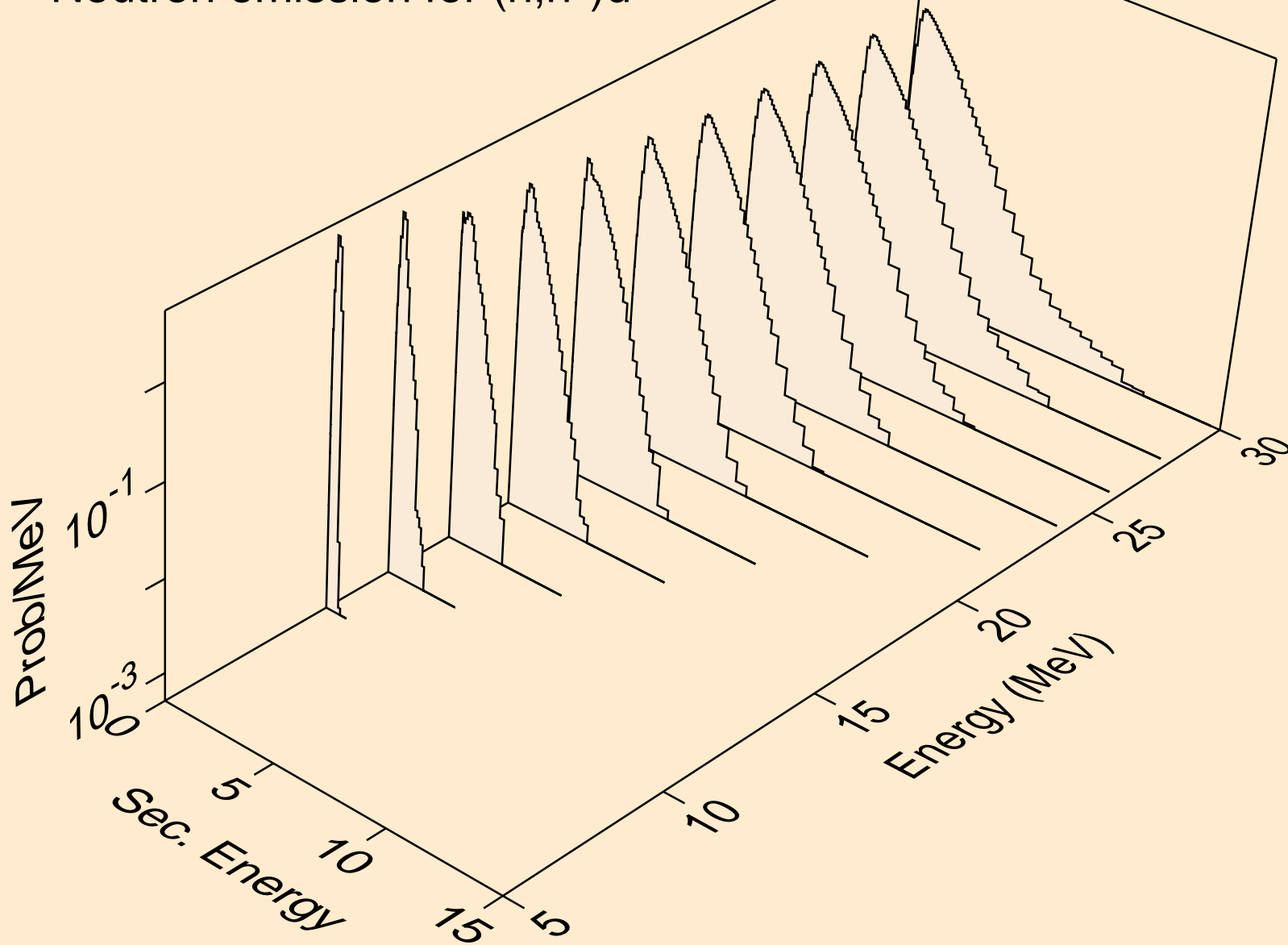




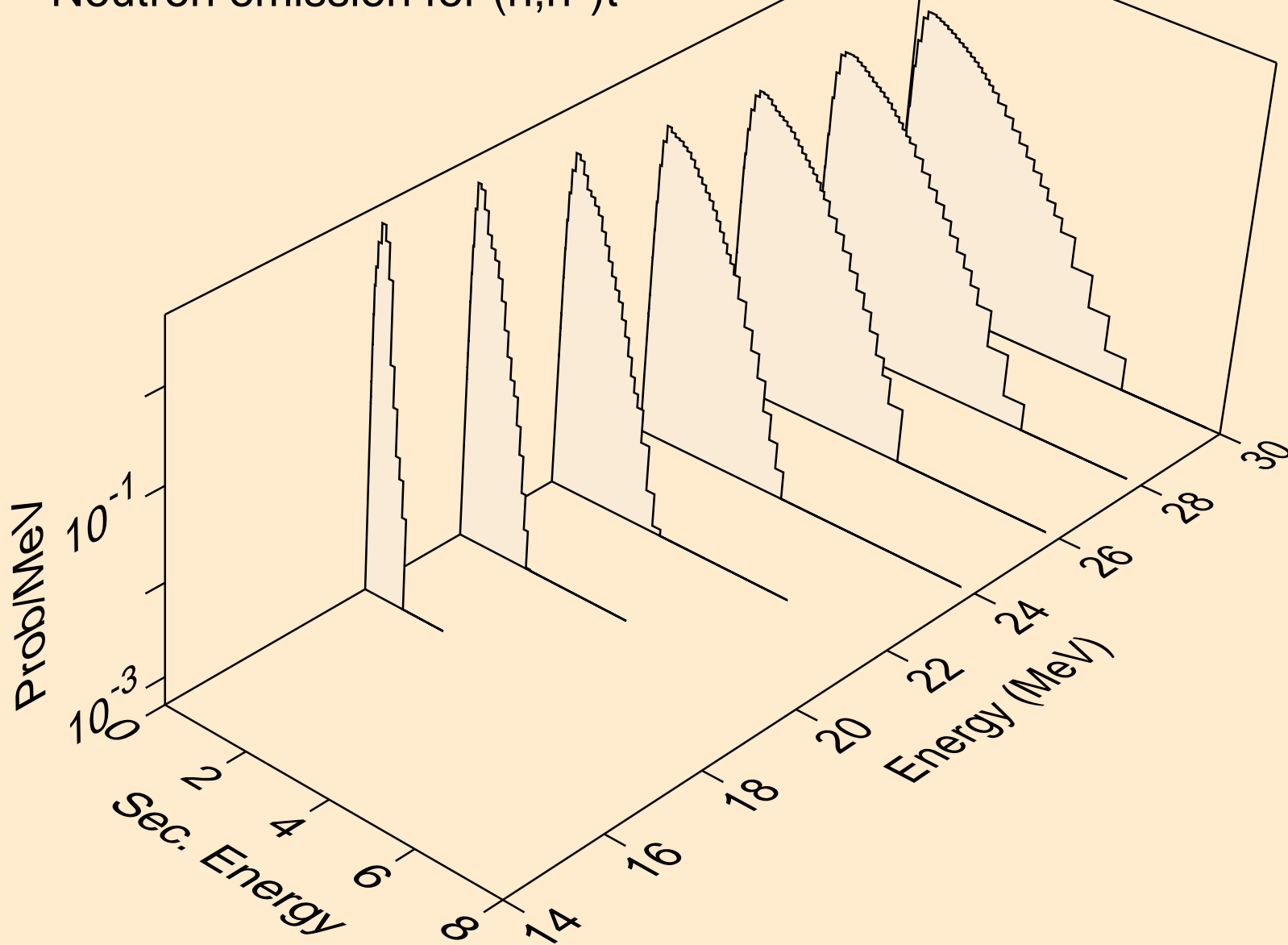
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)2a



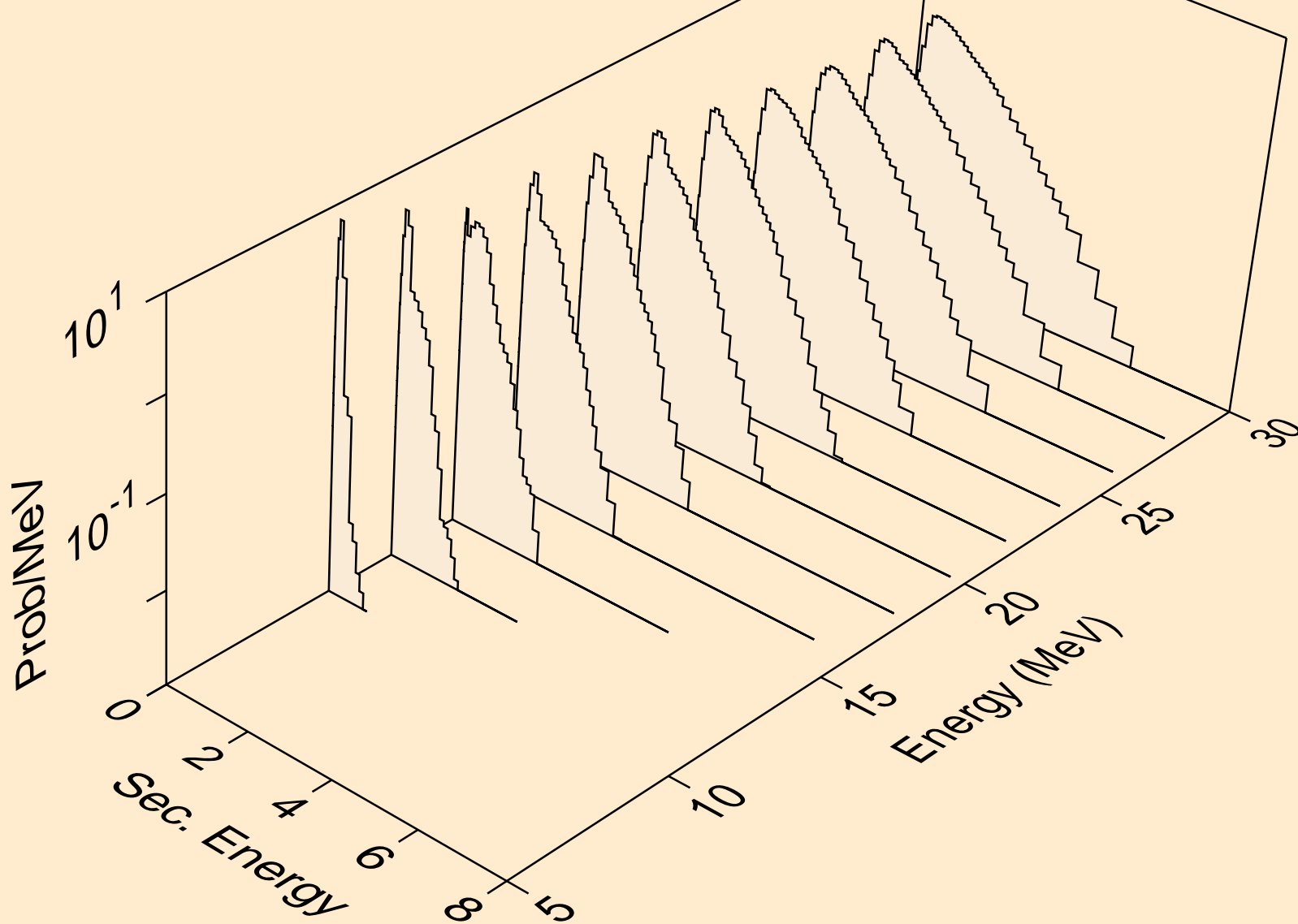
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



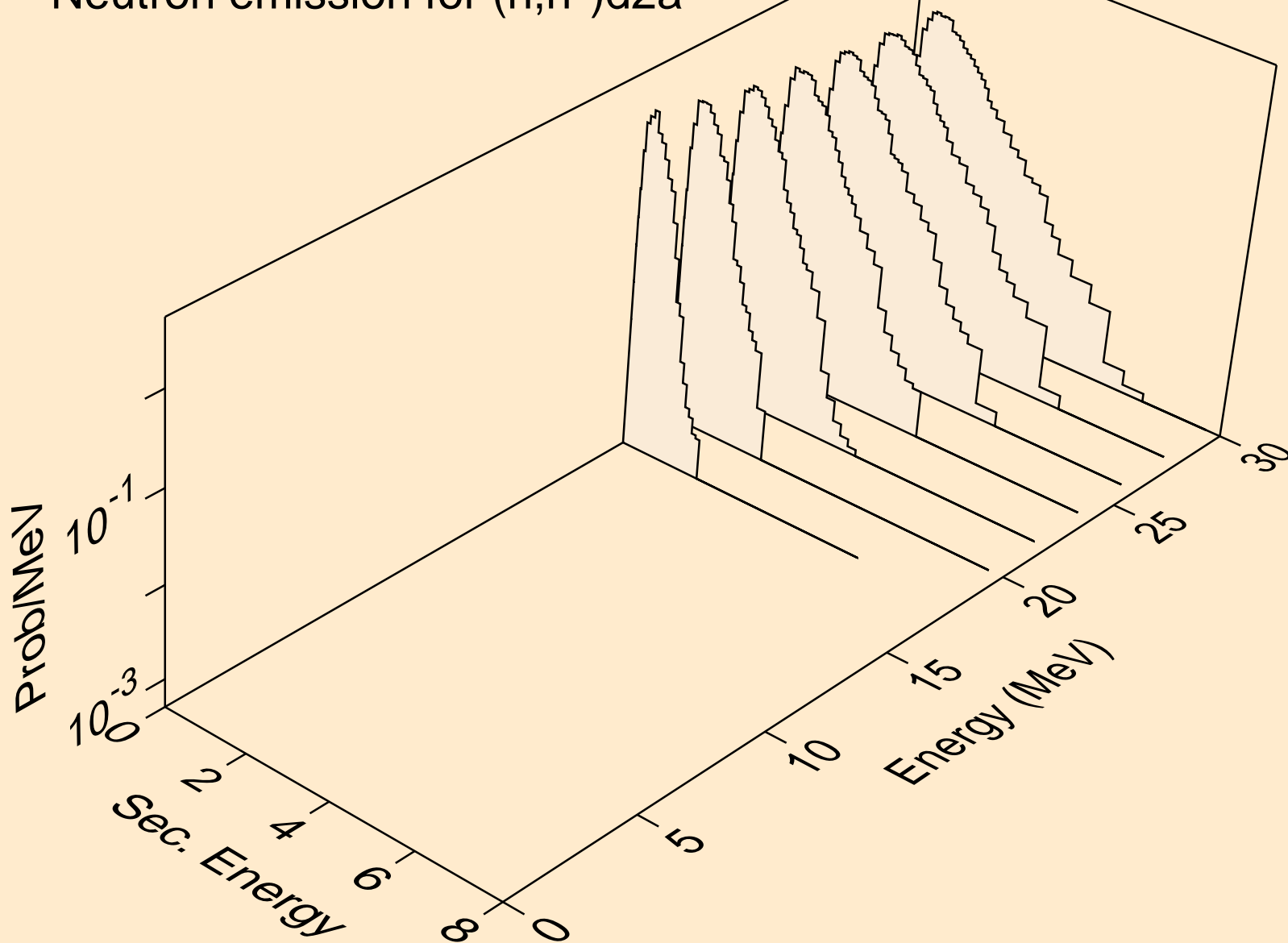
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



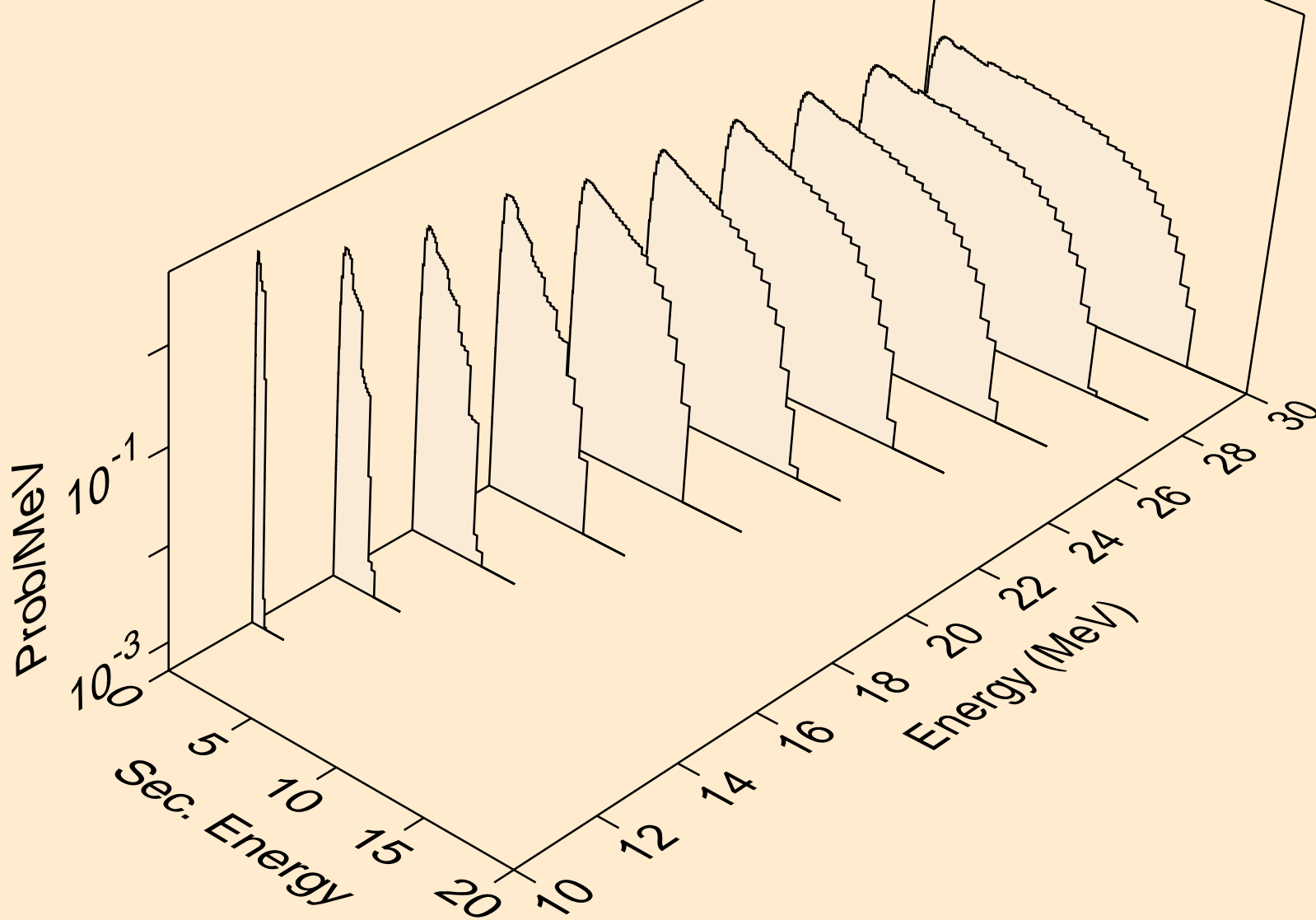
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



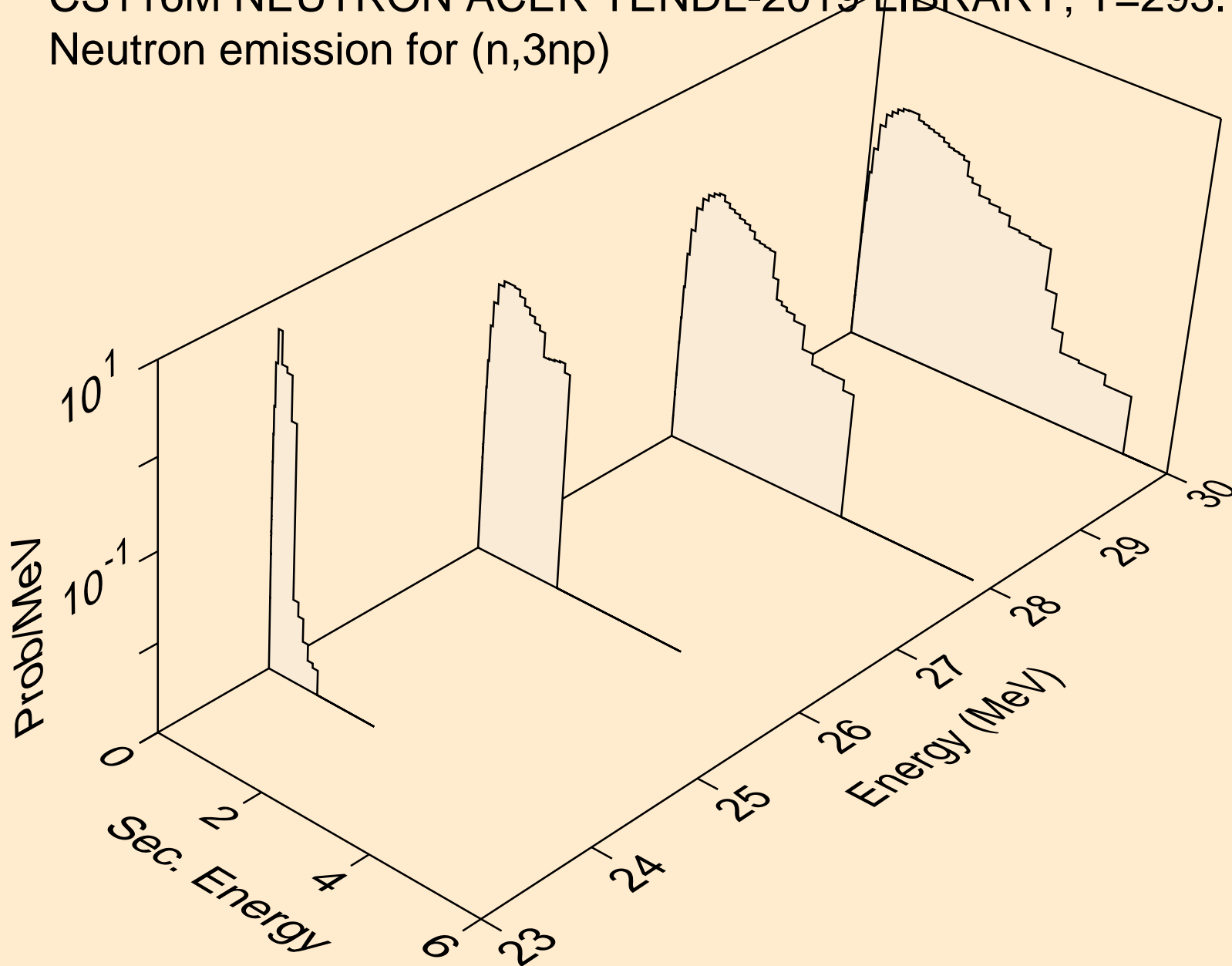
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d2a



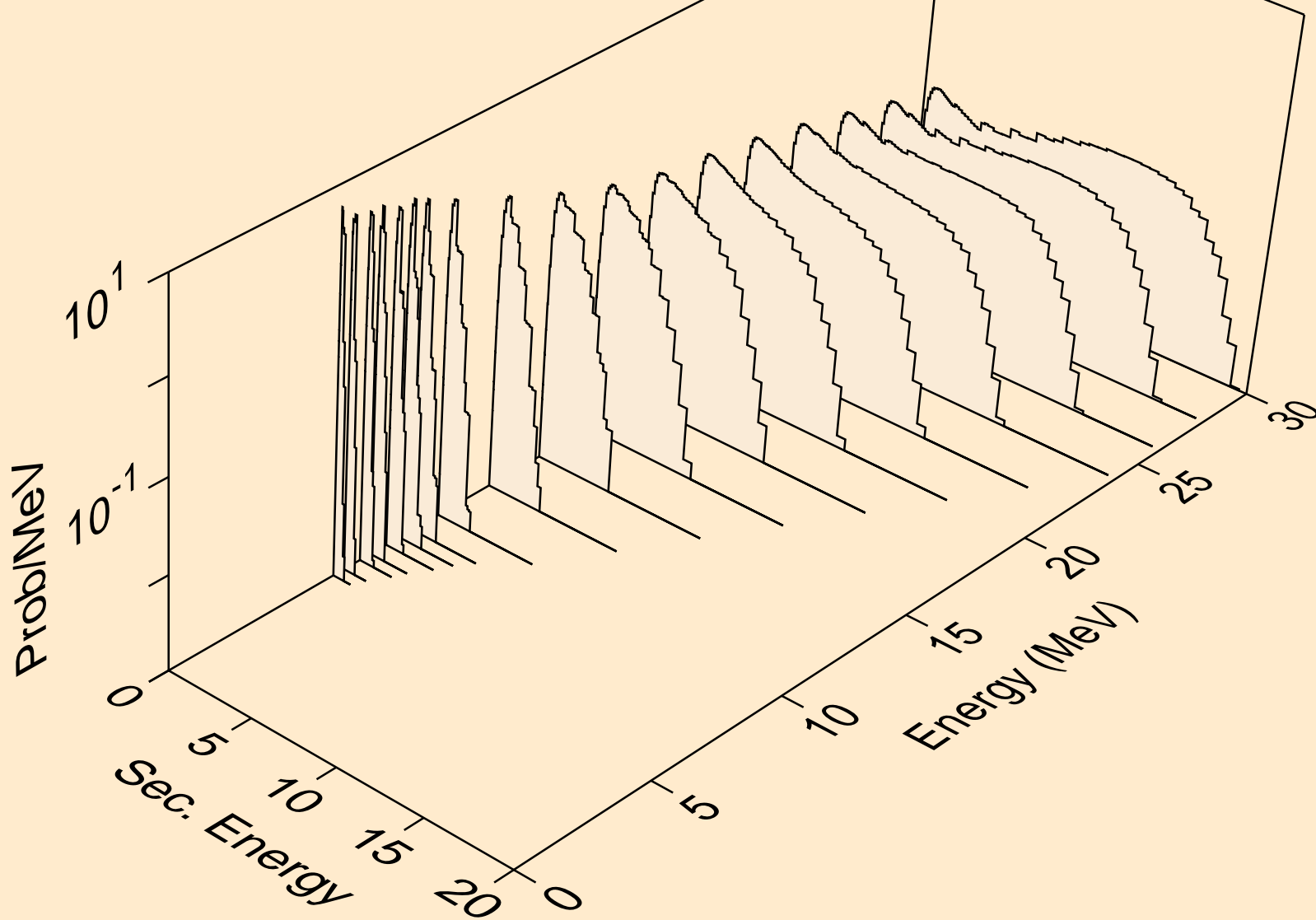
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

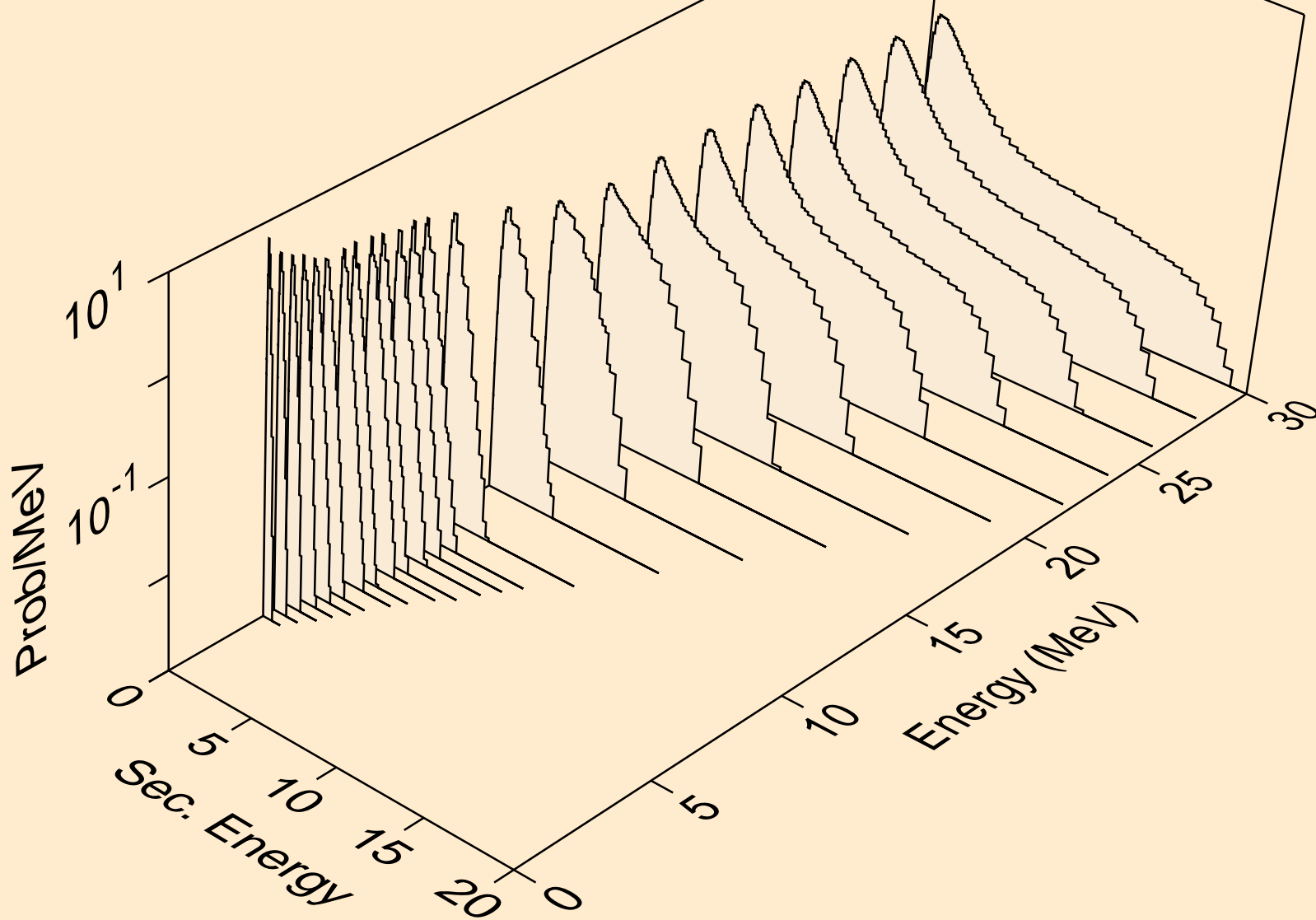


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

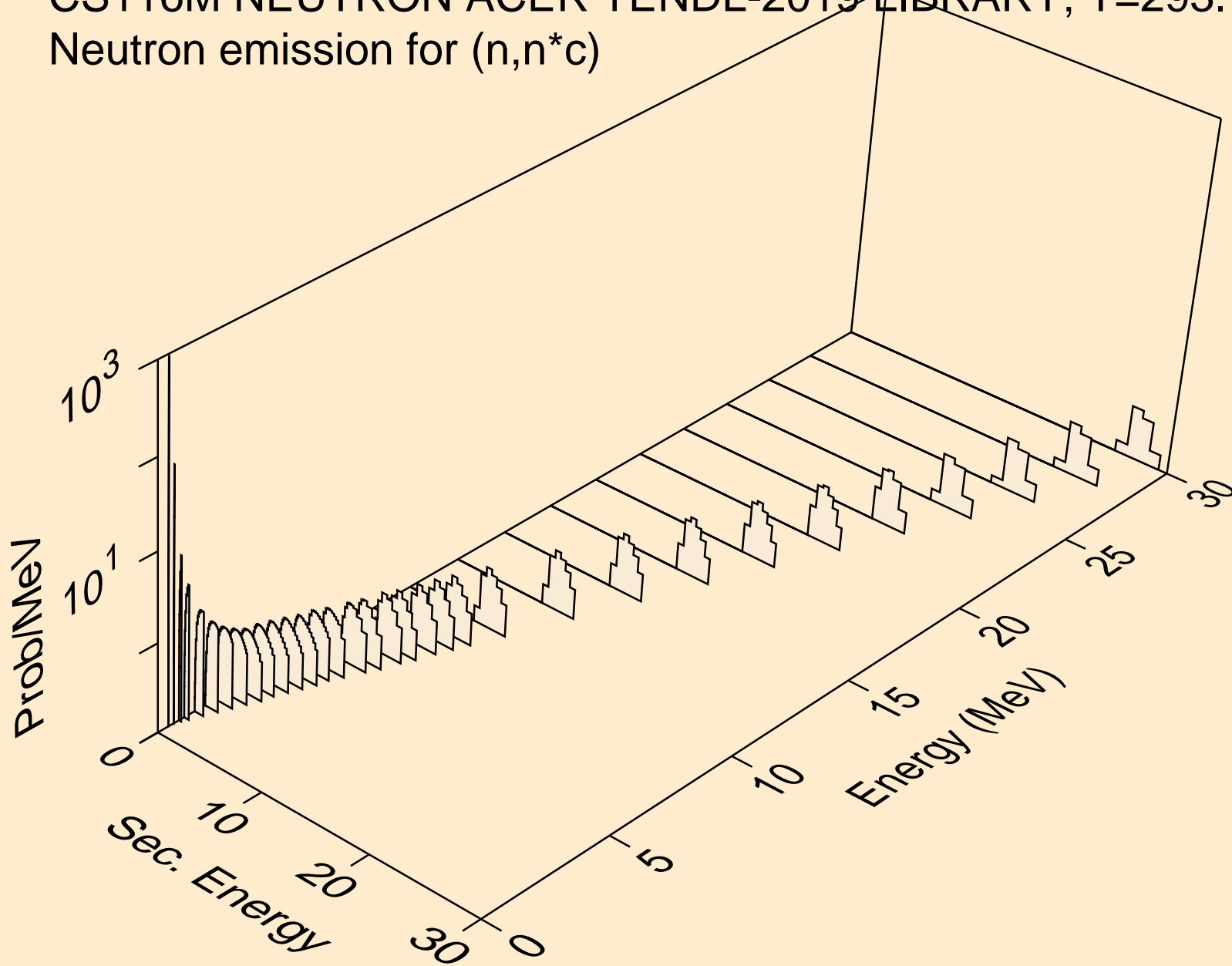




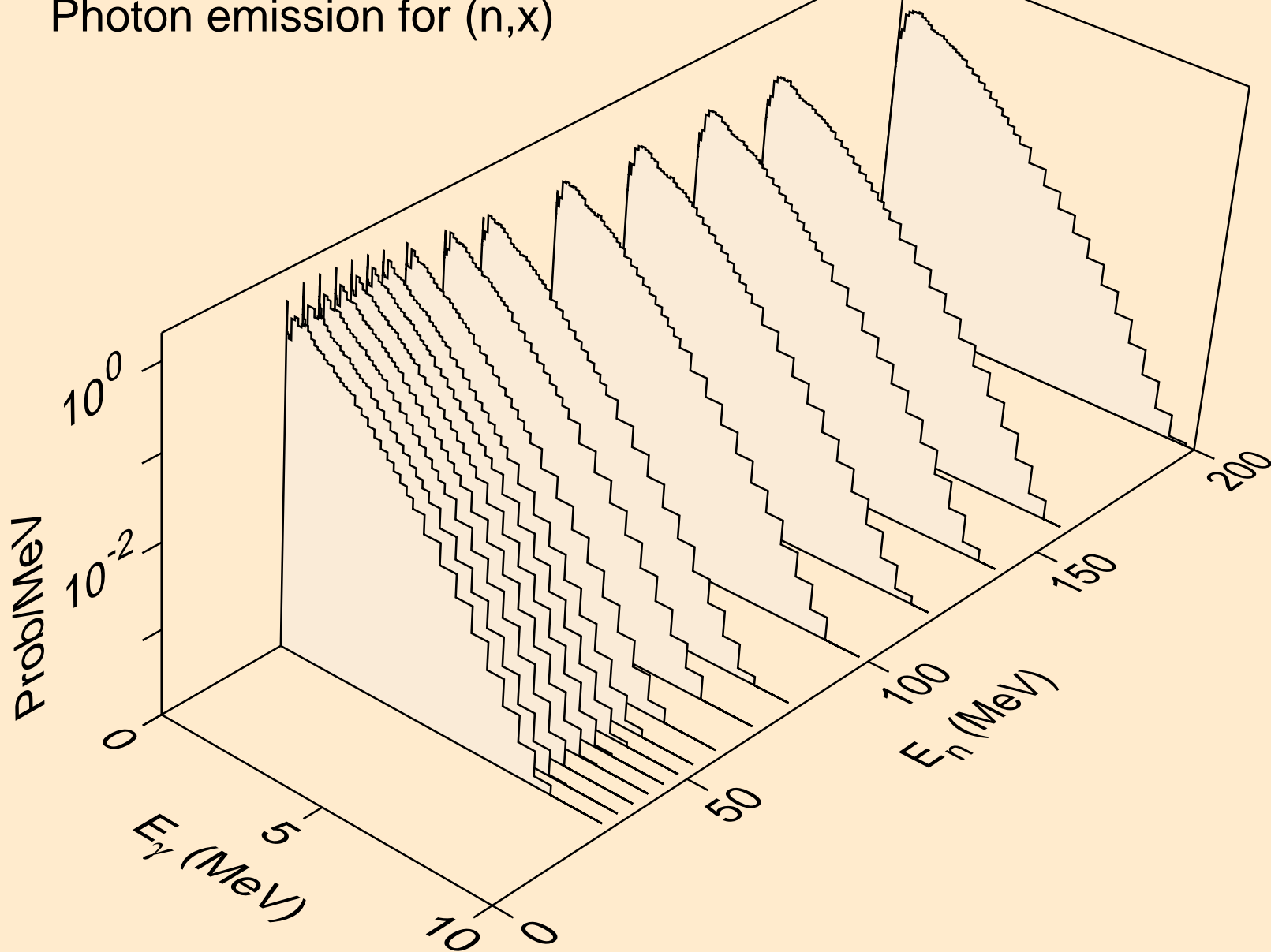
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



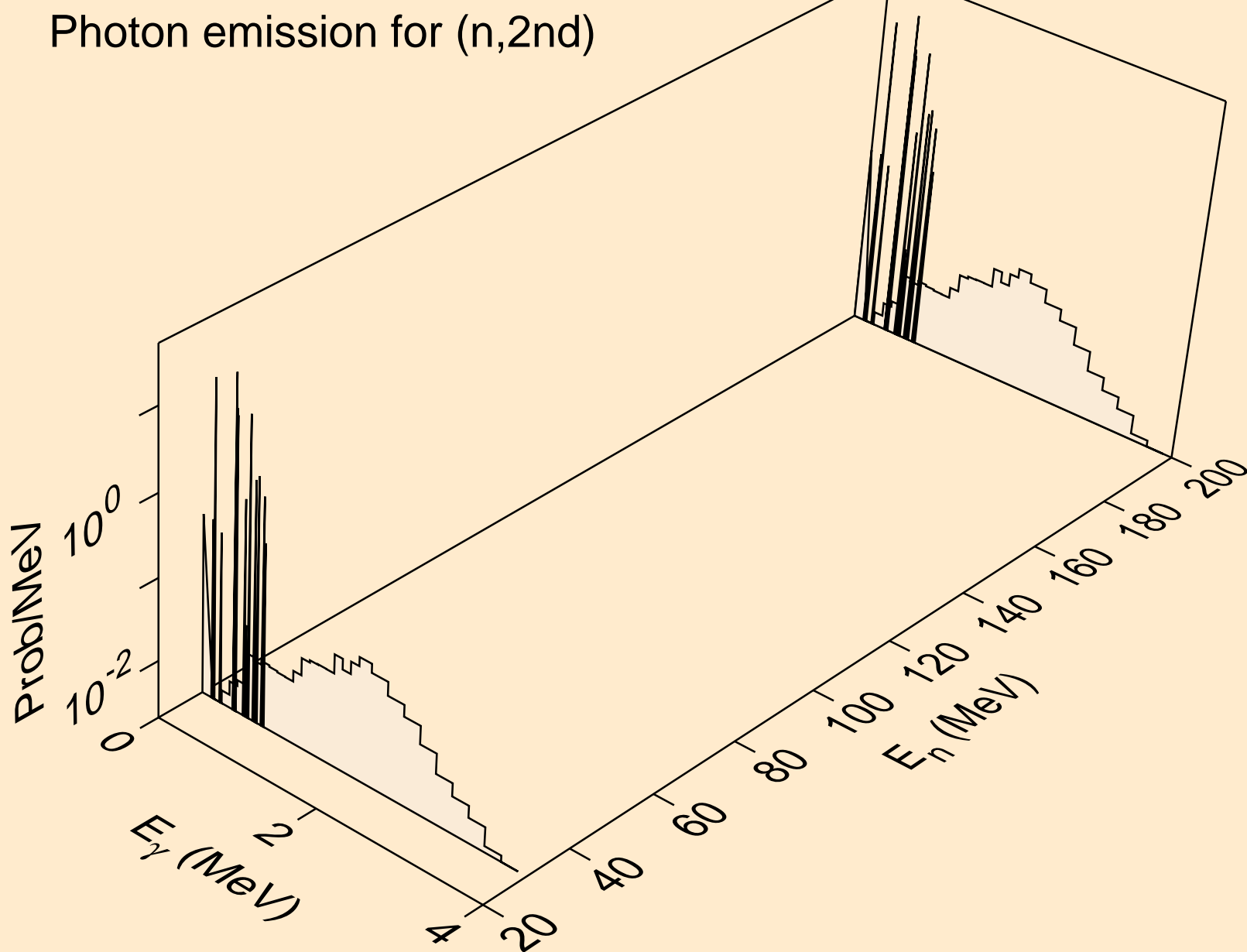
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



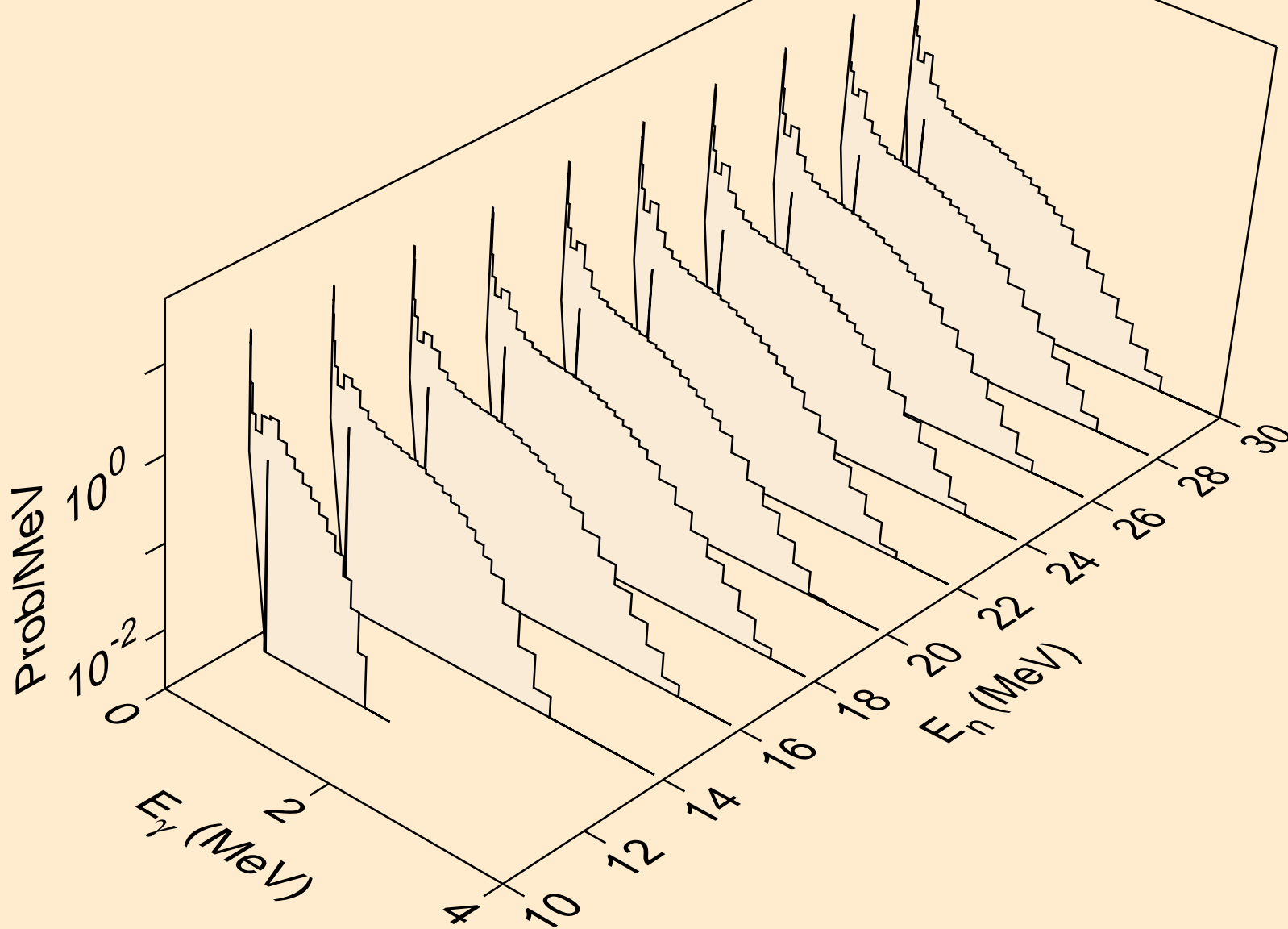
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



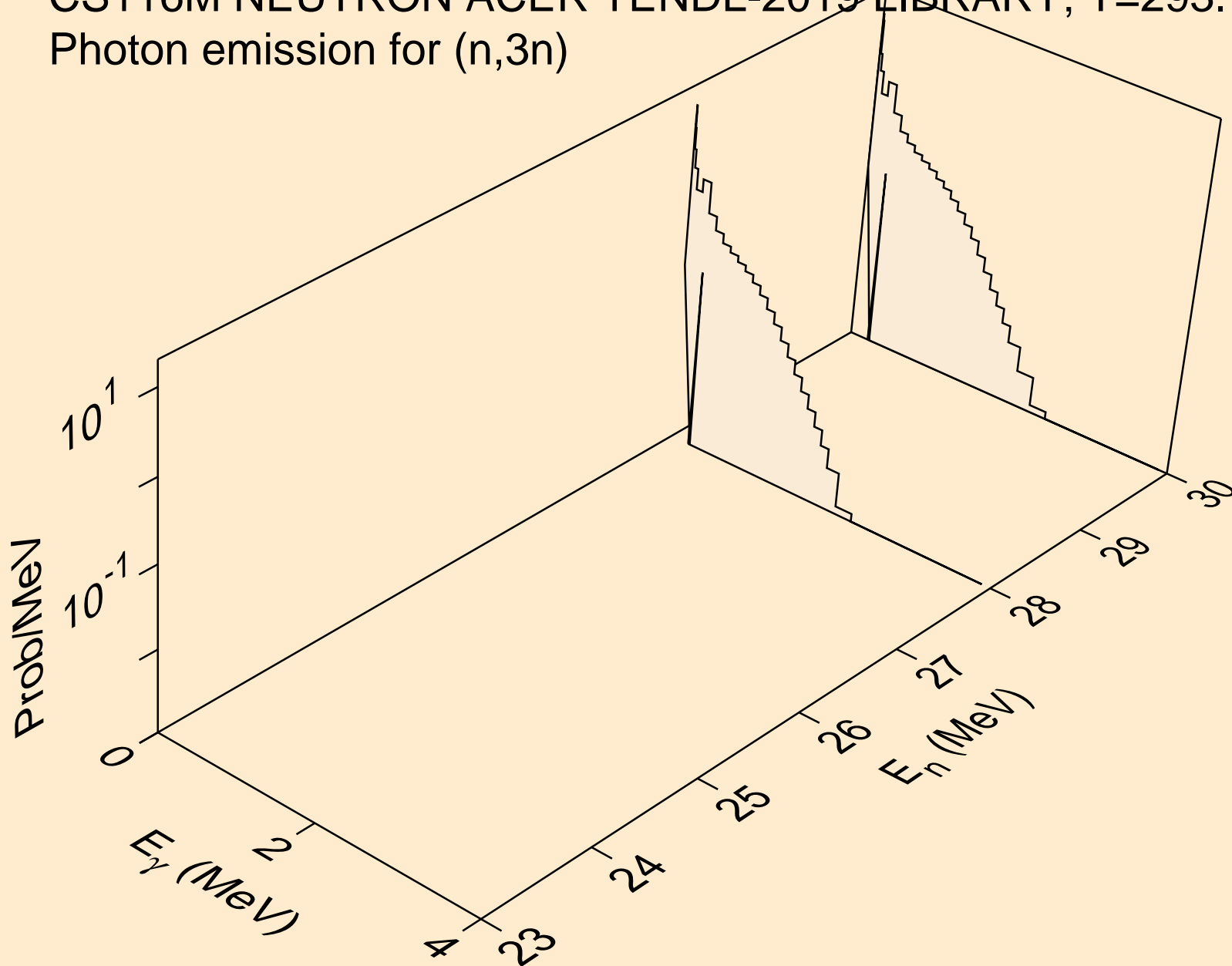
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



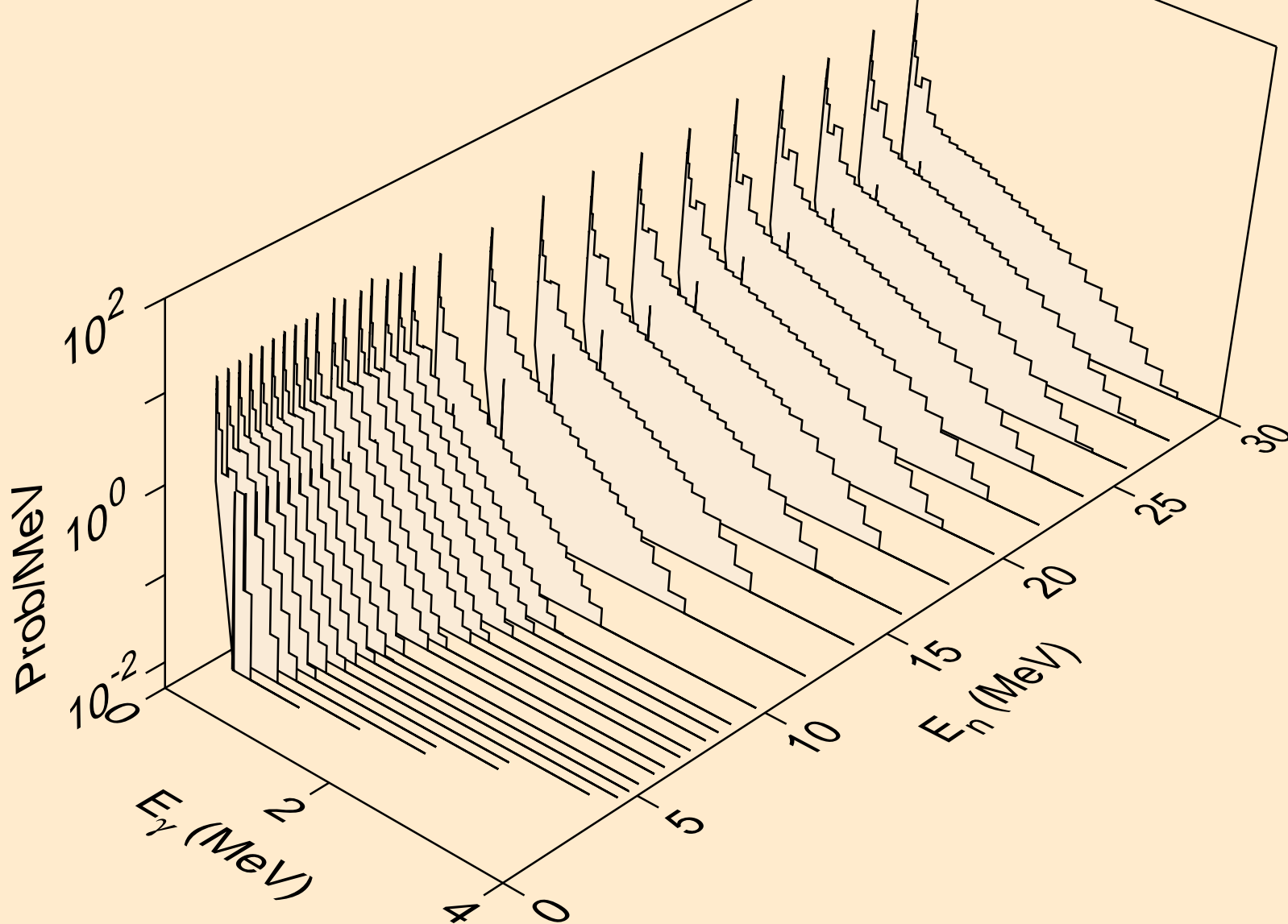
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



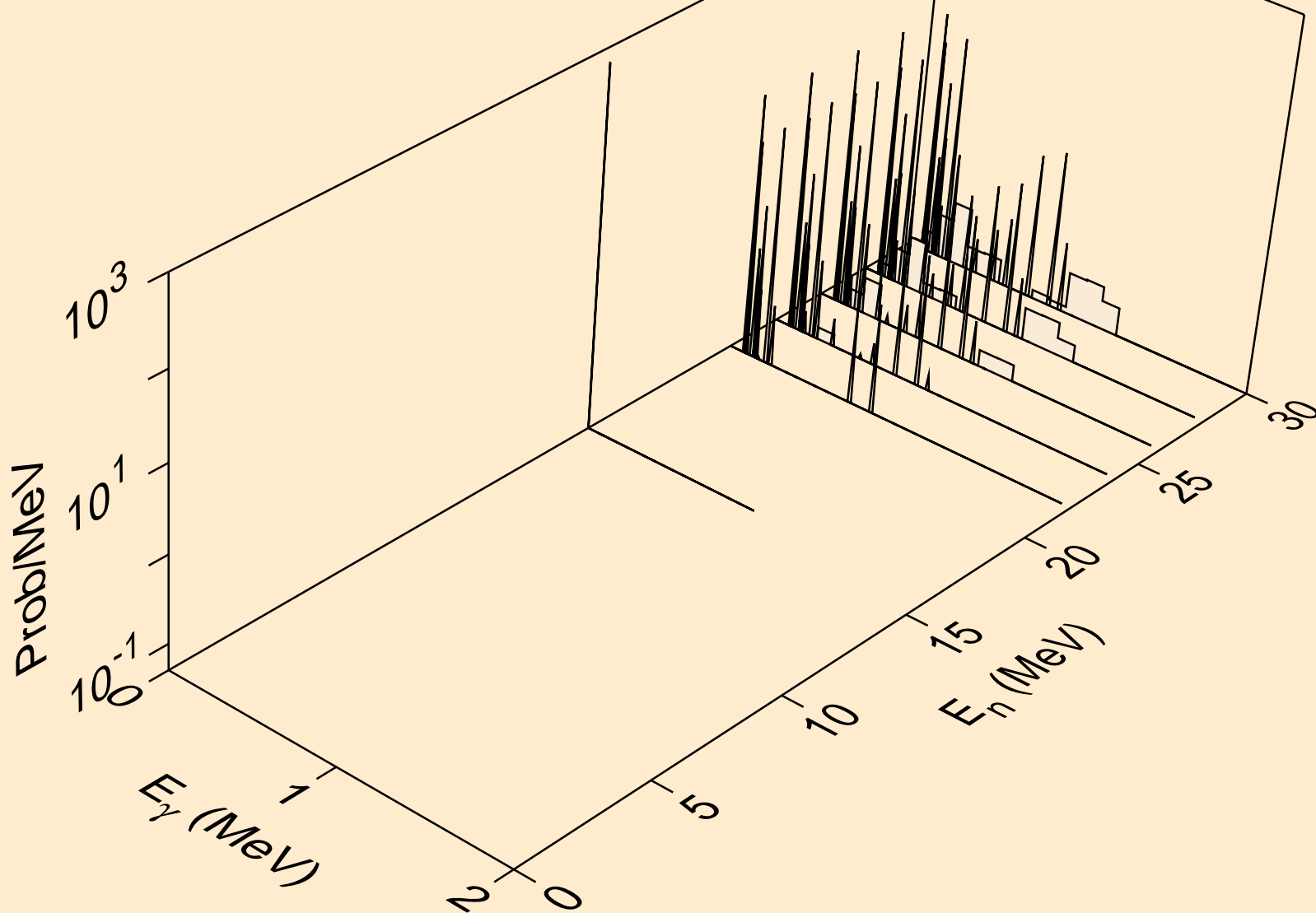
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a

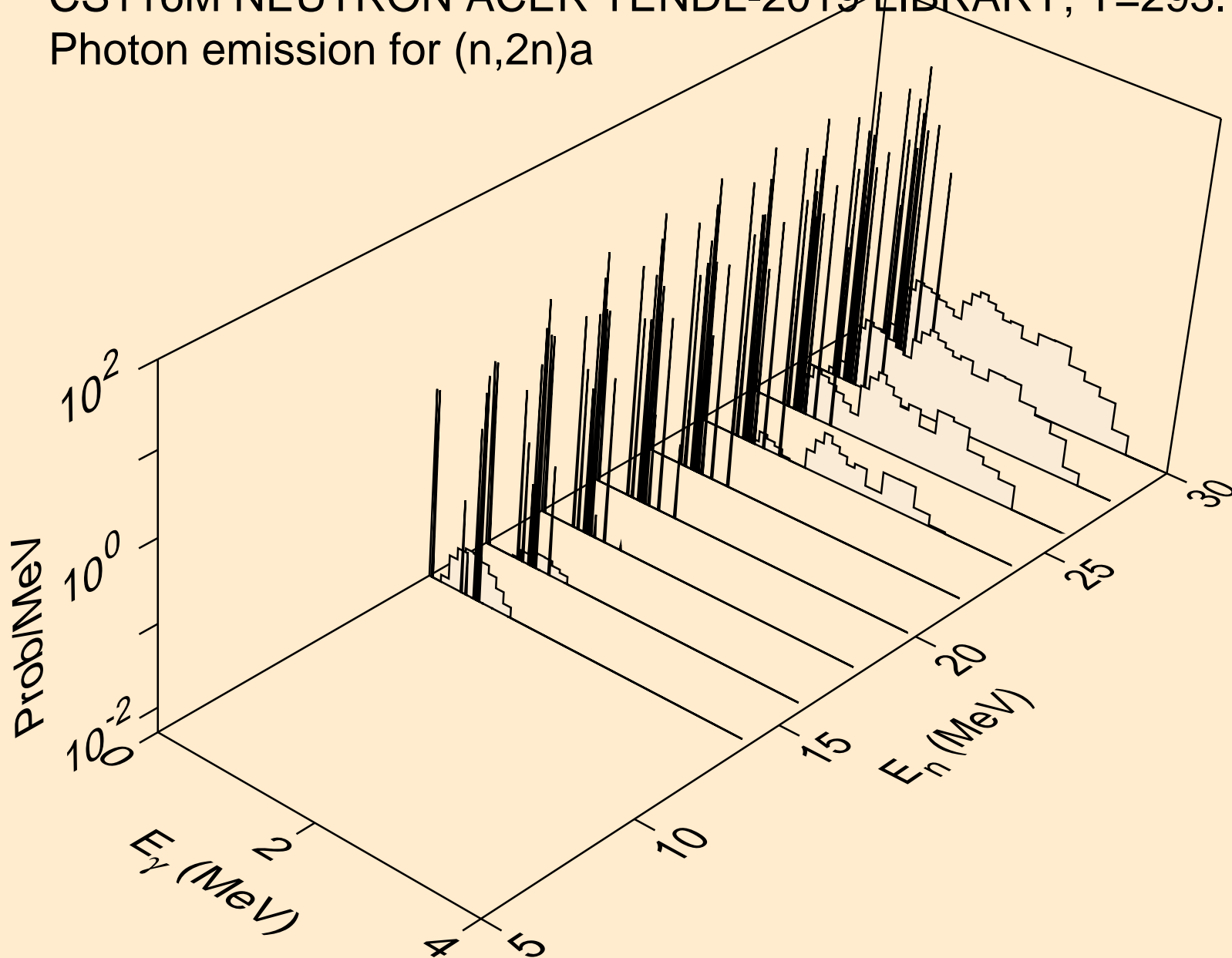


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)3a

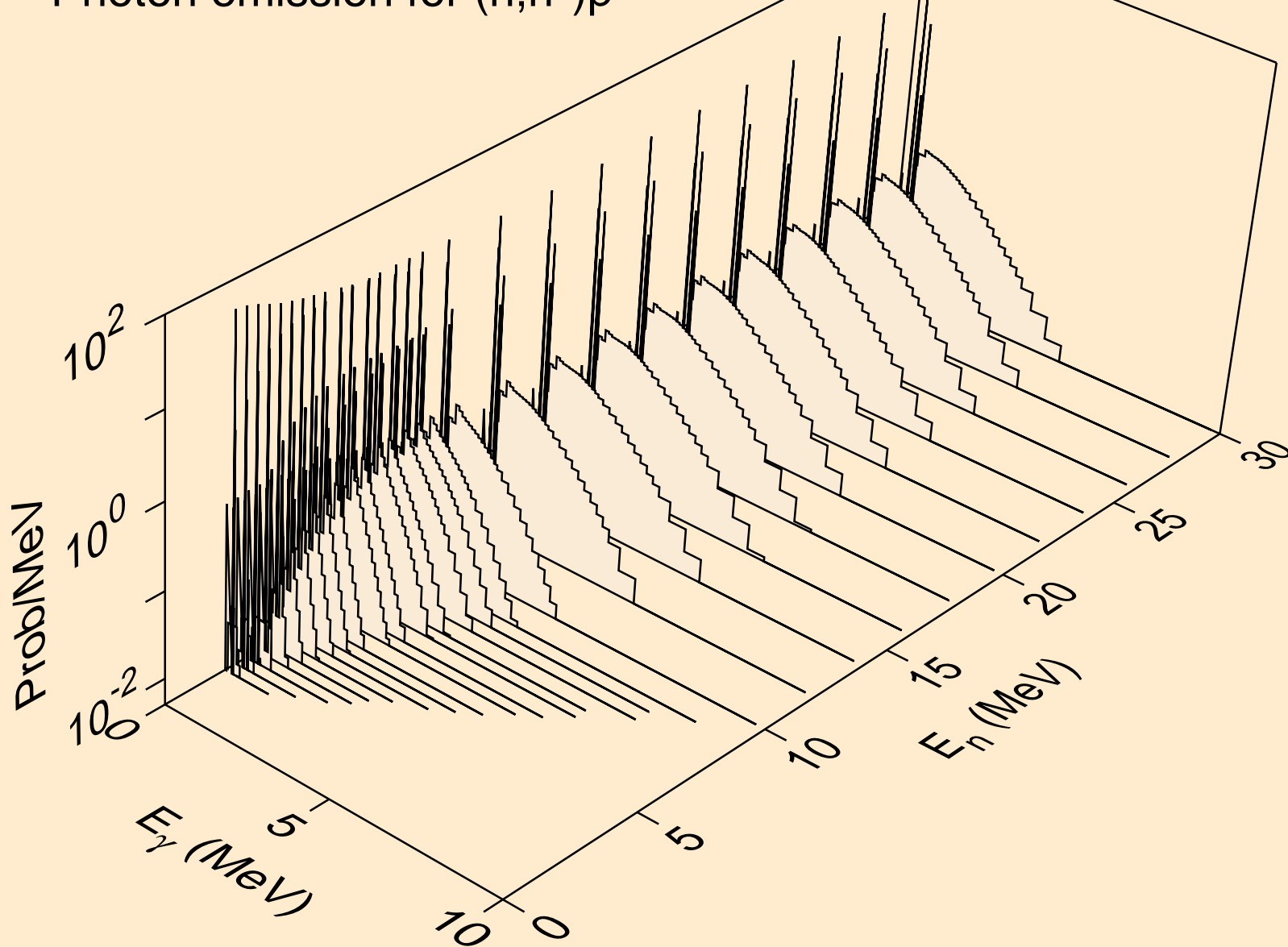




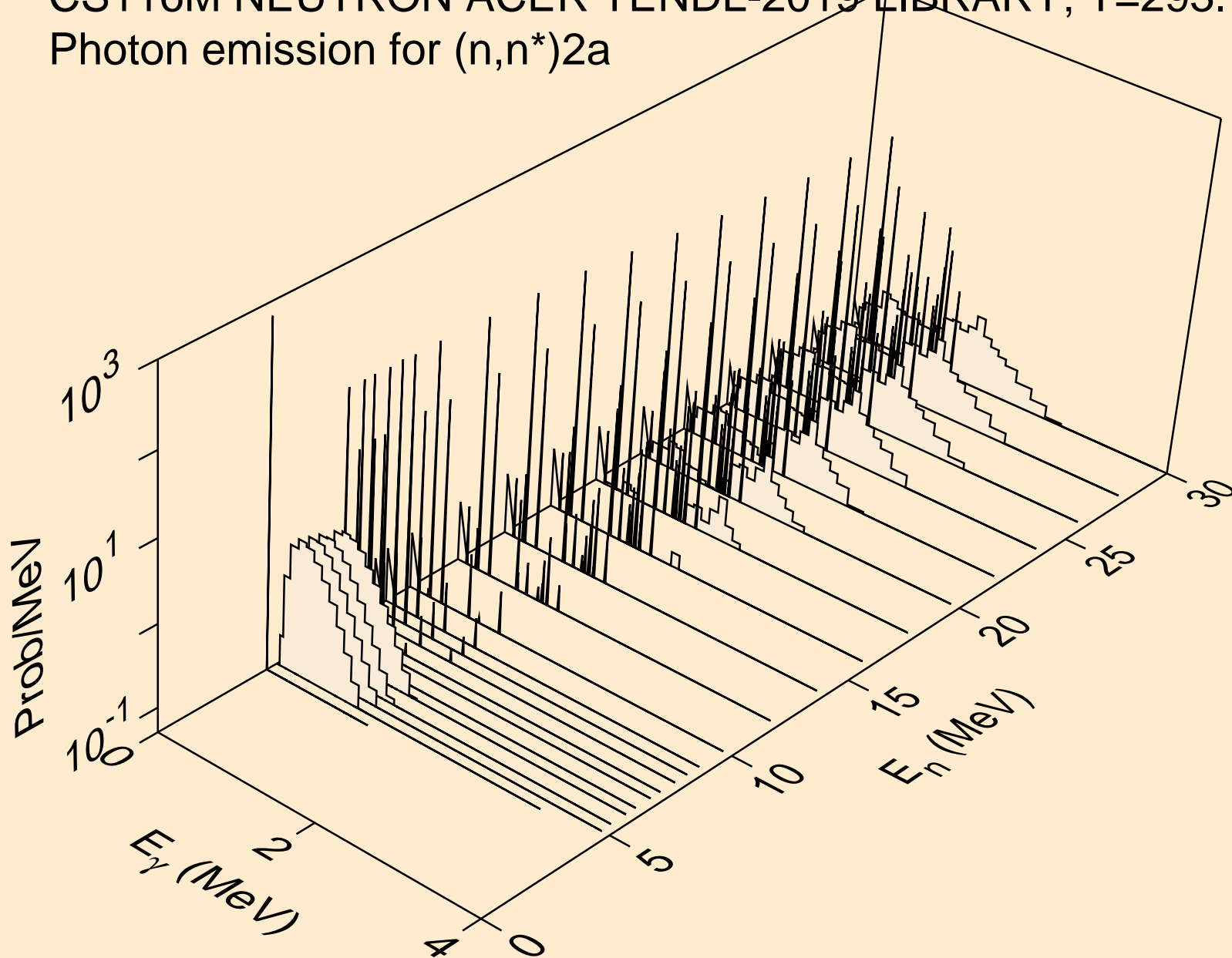
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



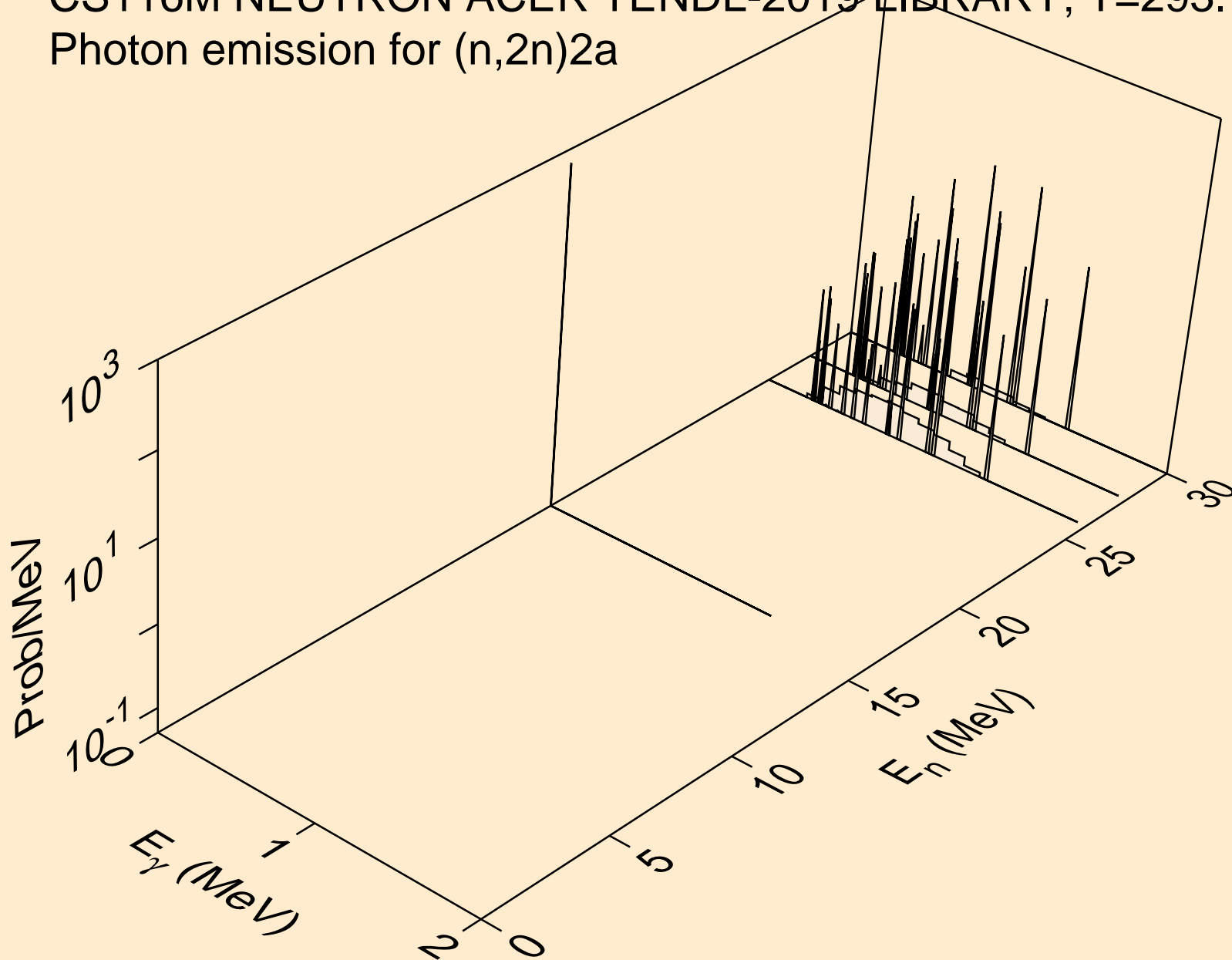
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



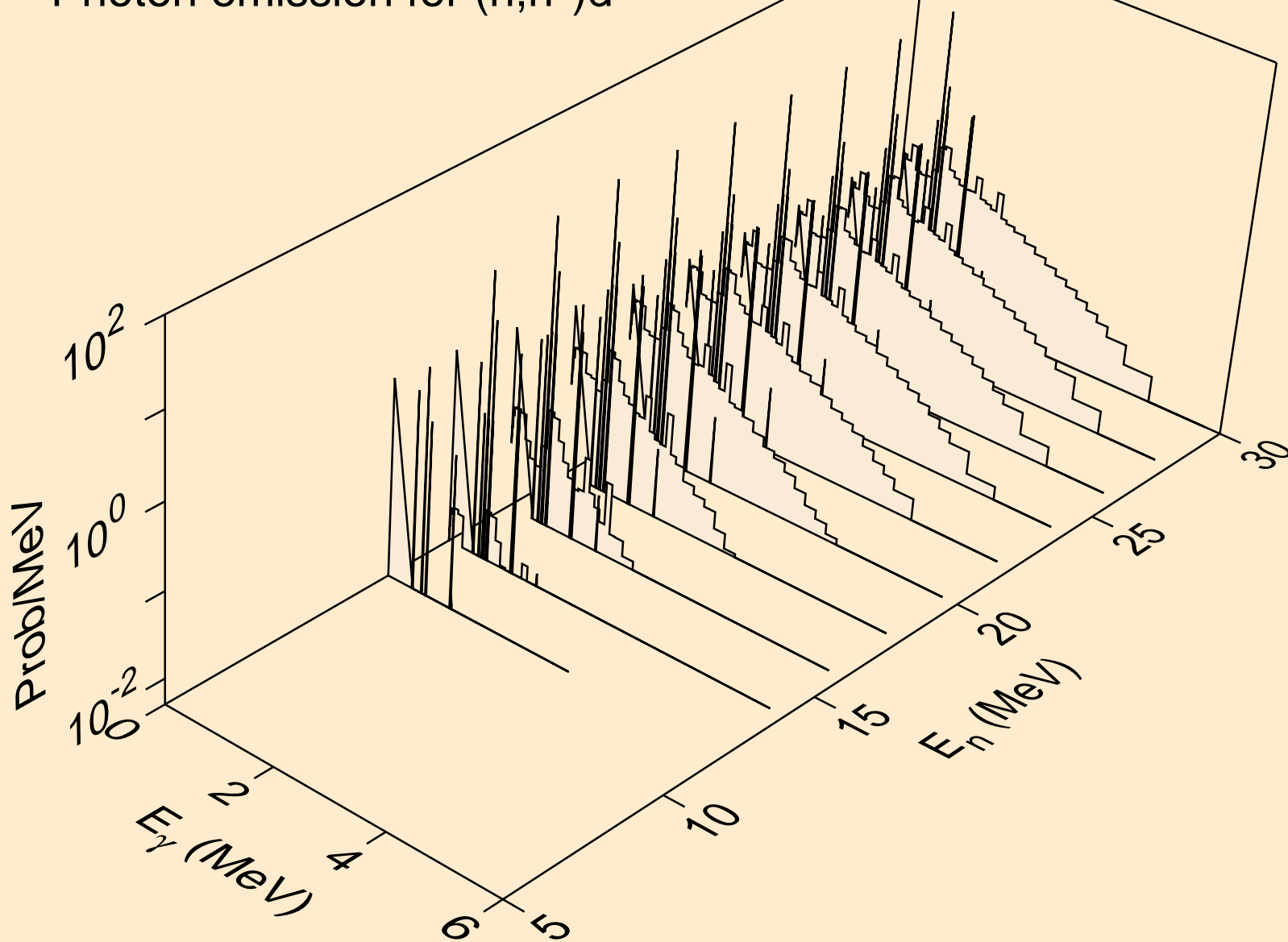
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



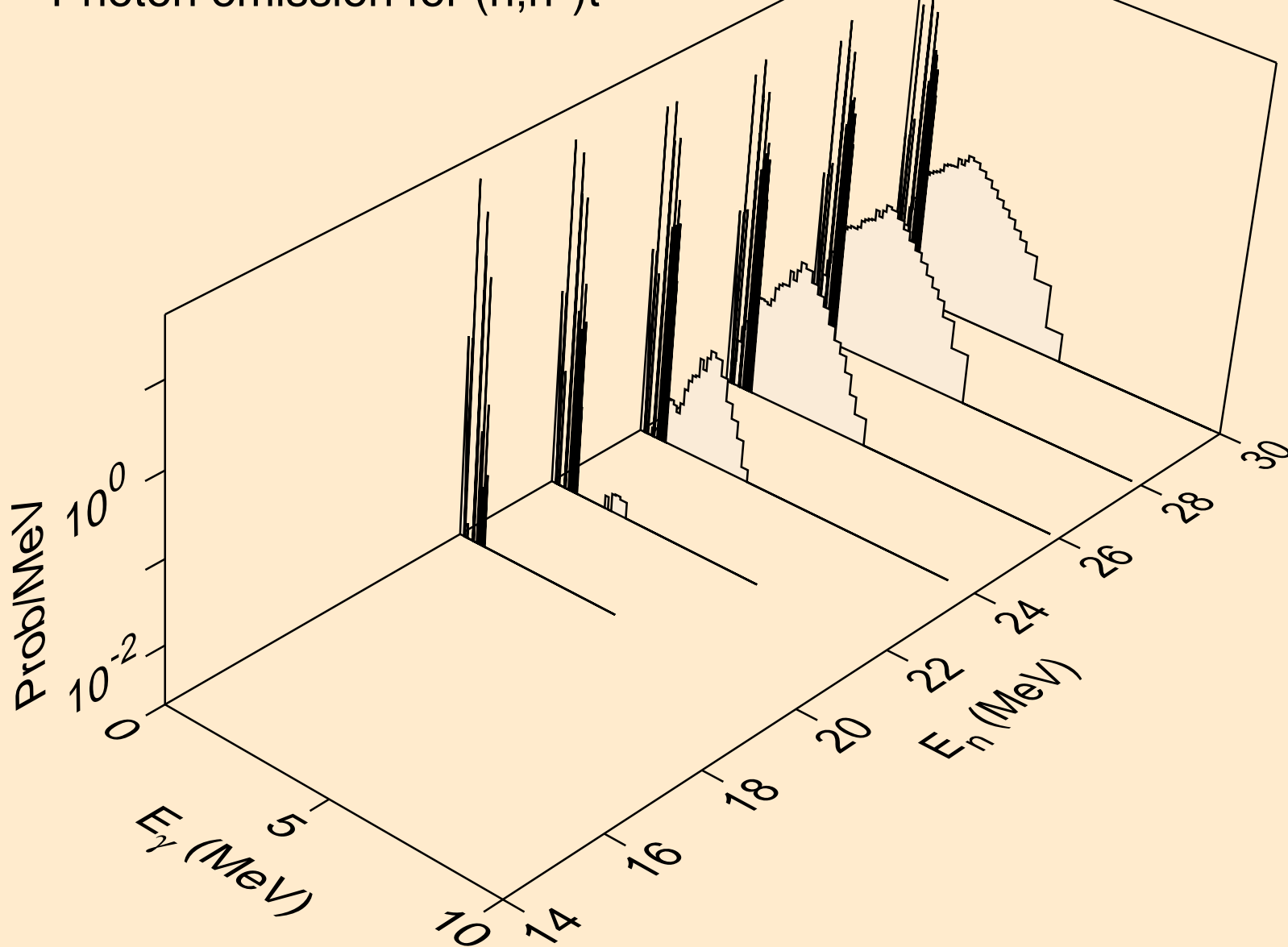
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)2a



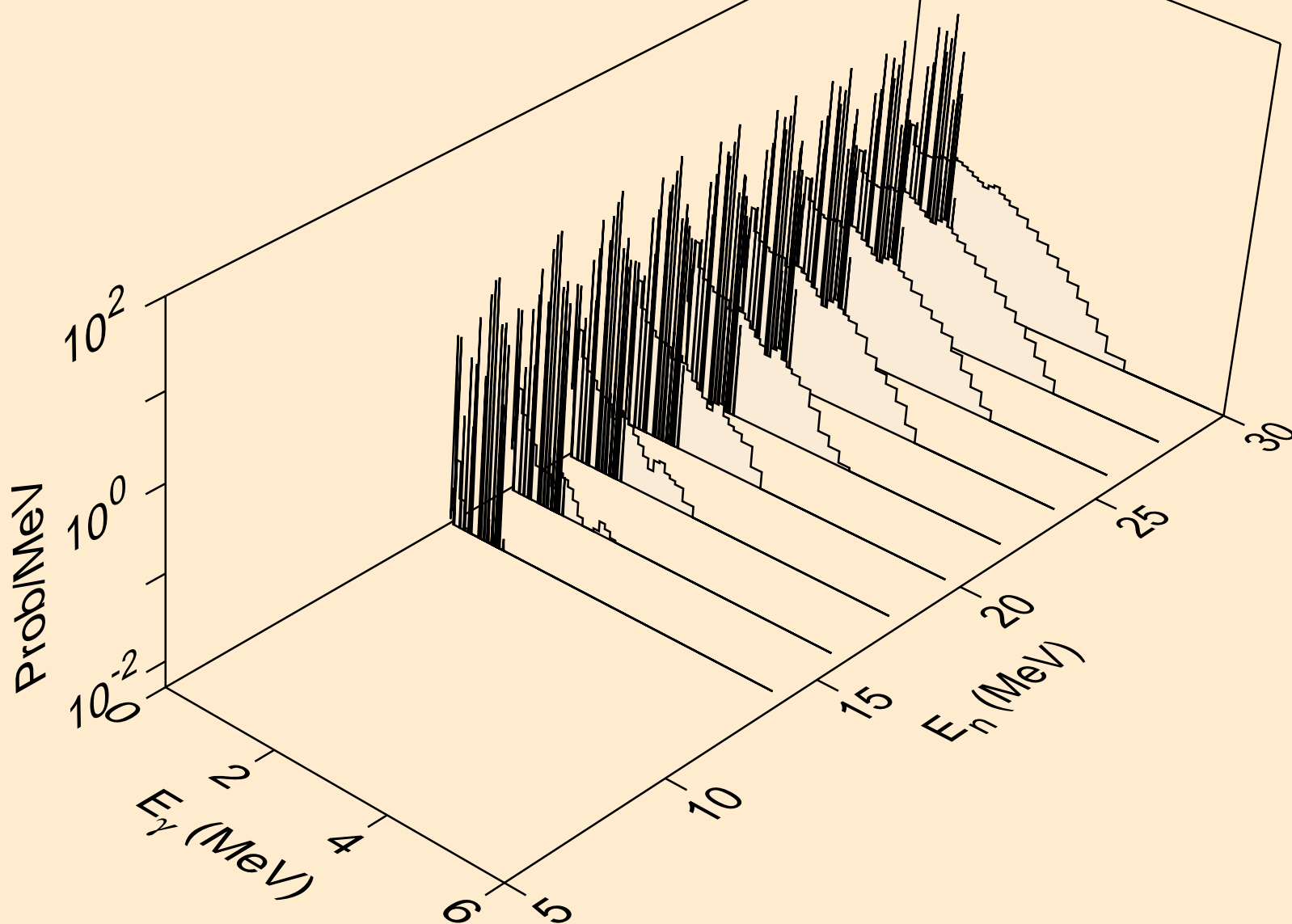
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



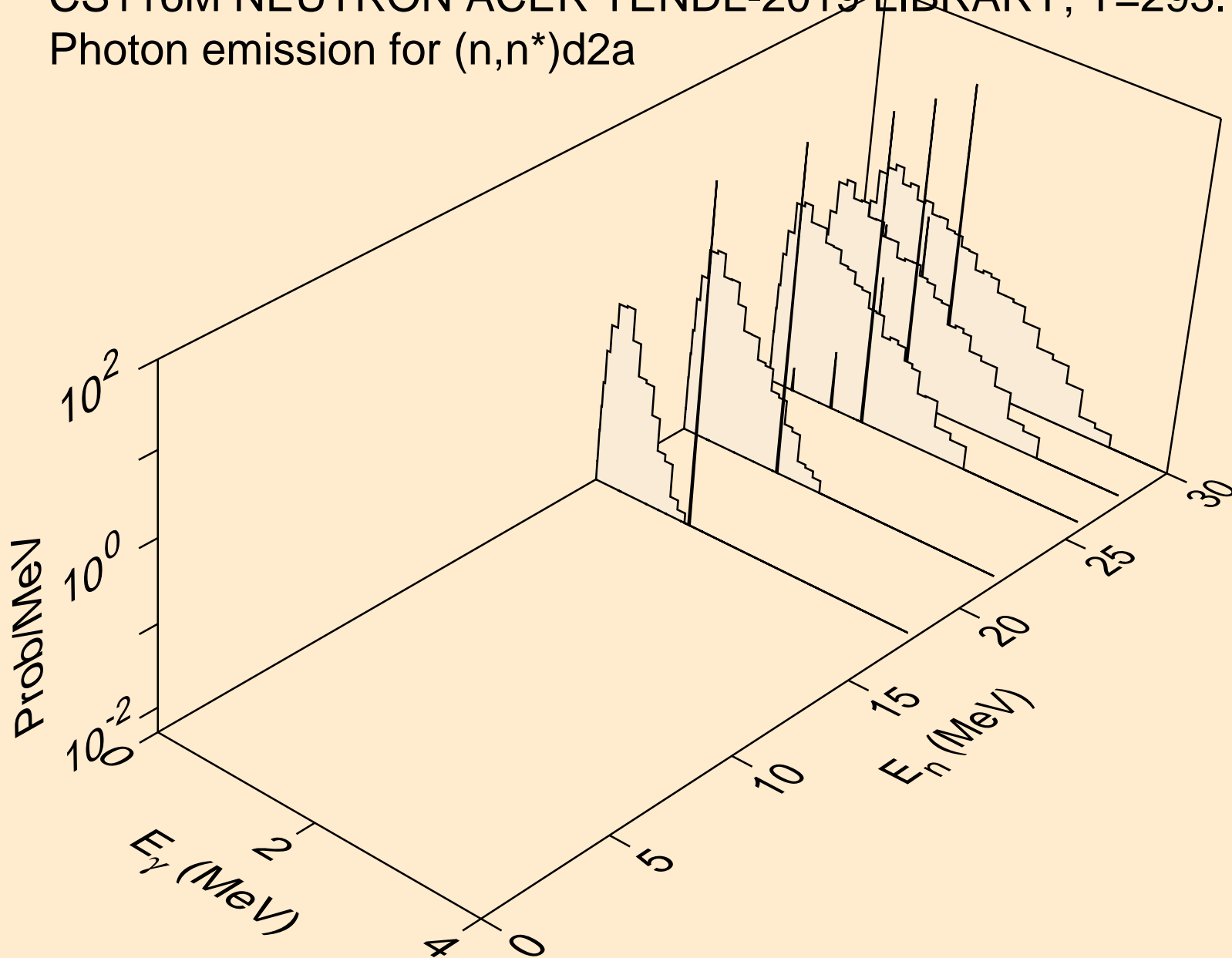
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3

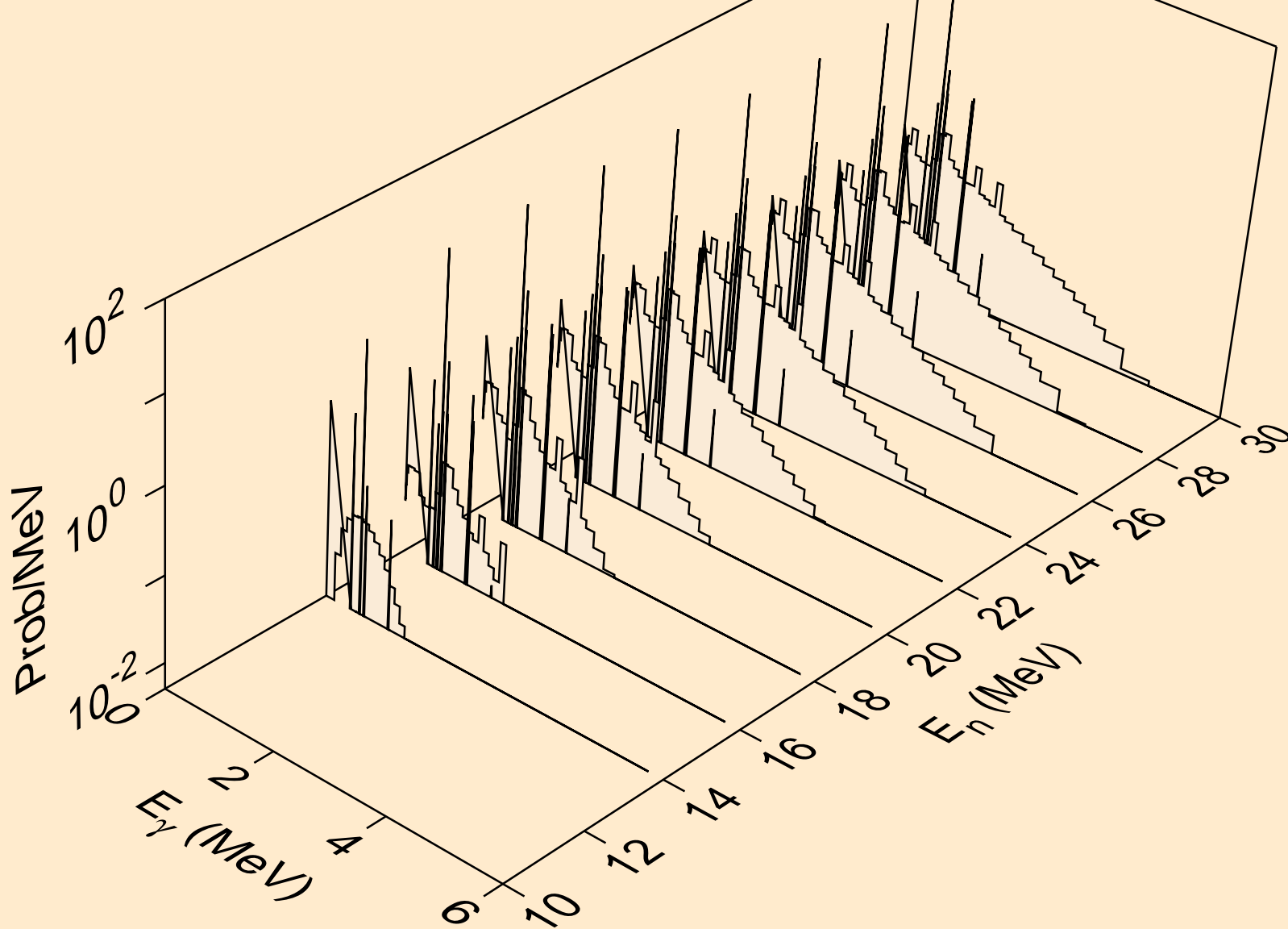


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d2a

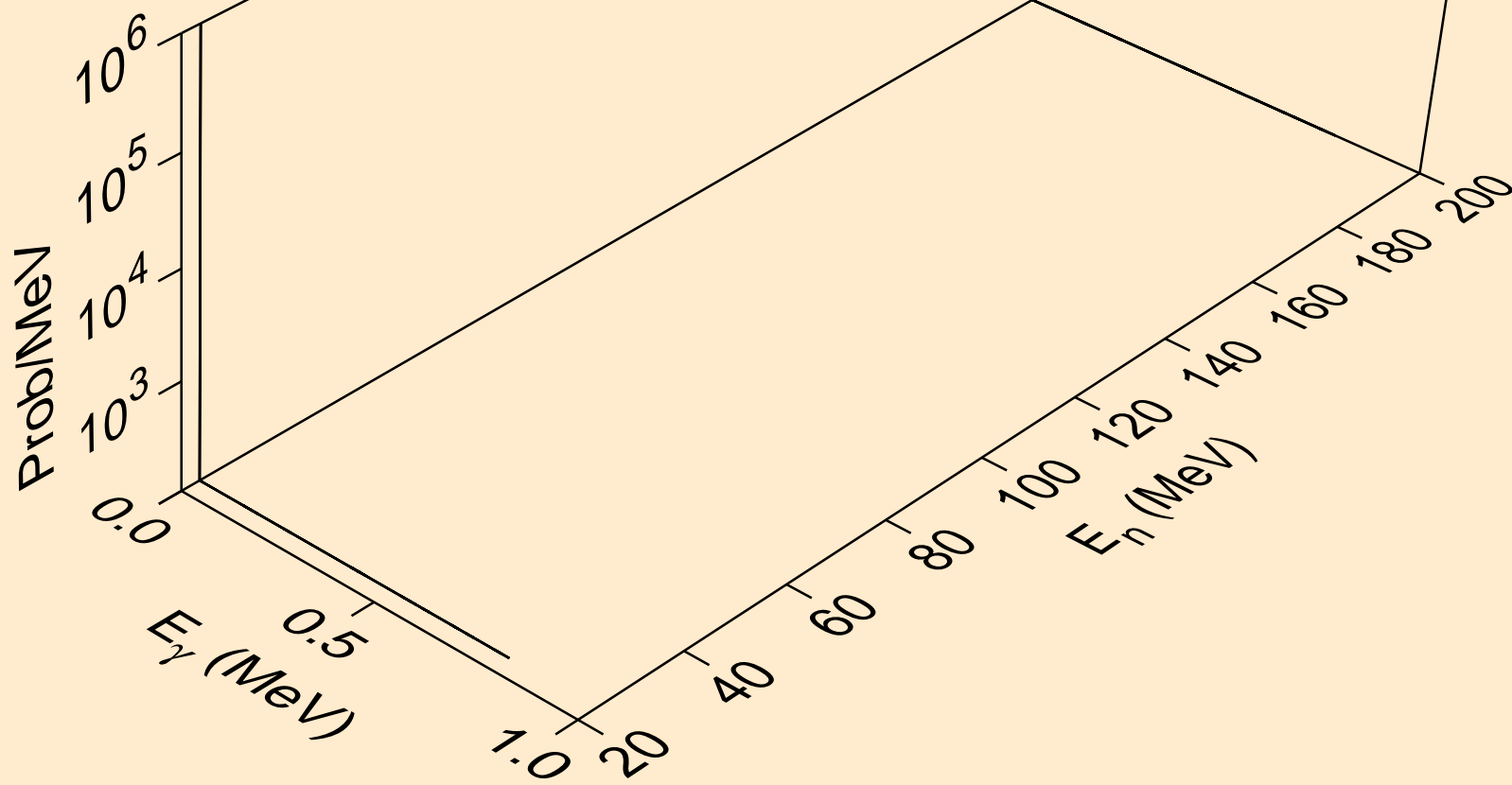




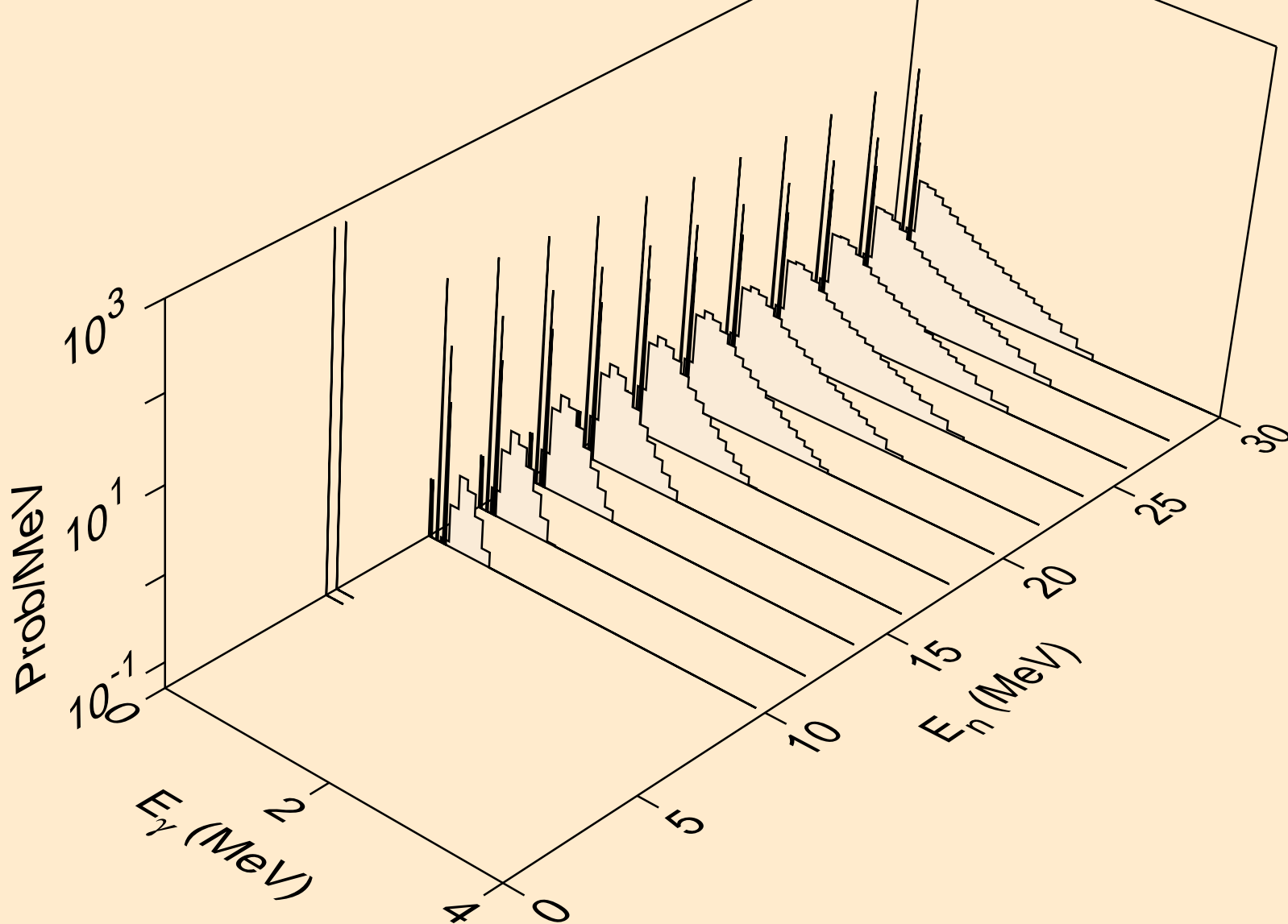
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



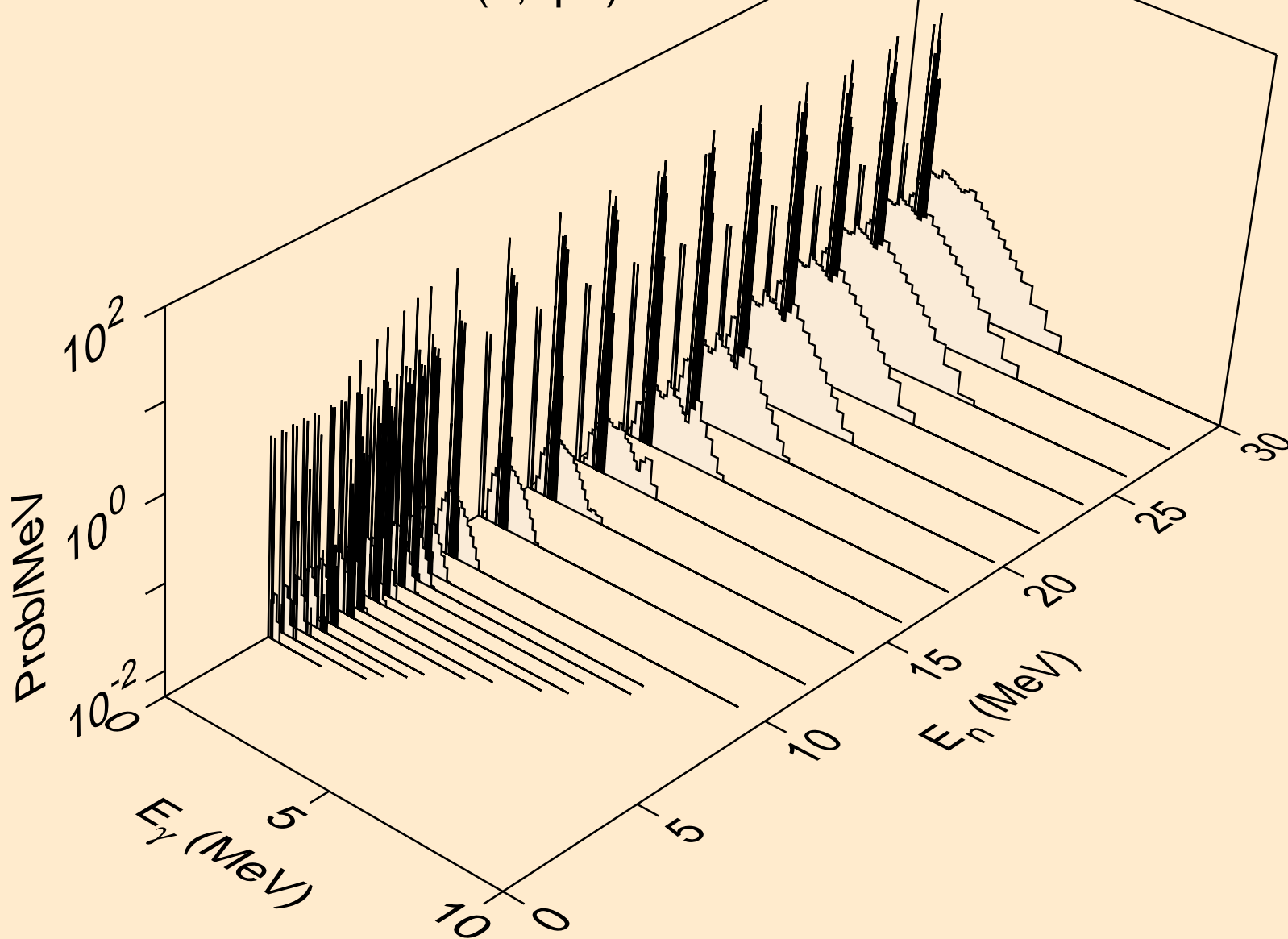
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



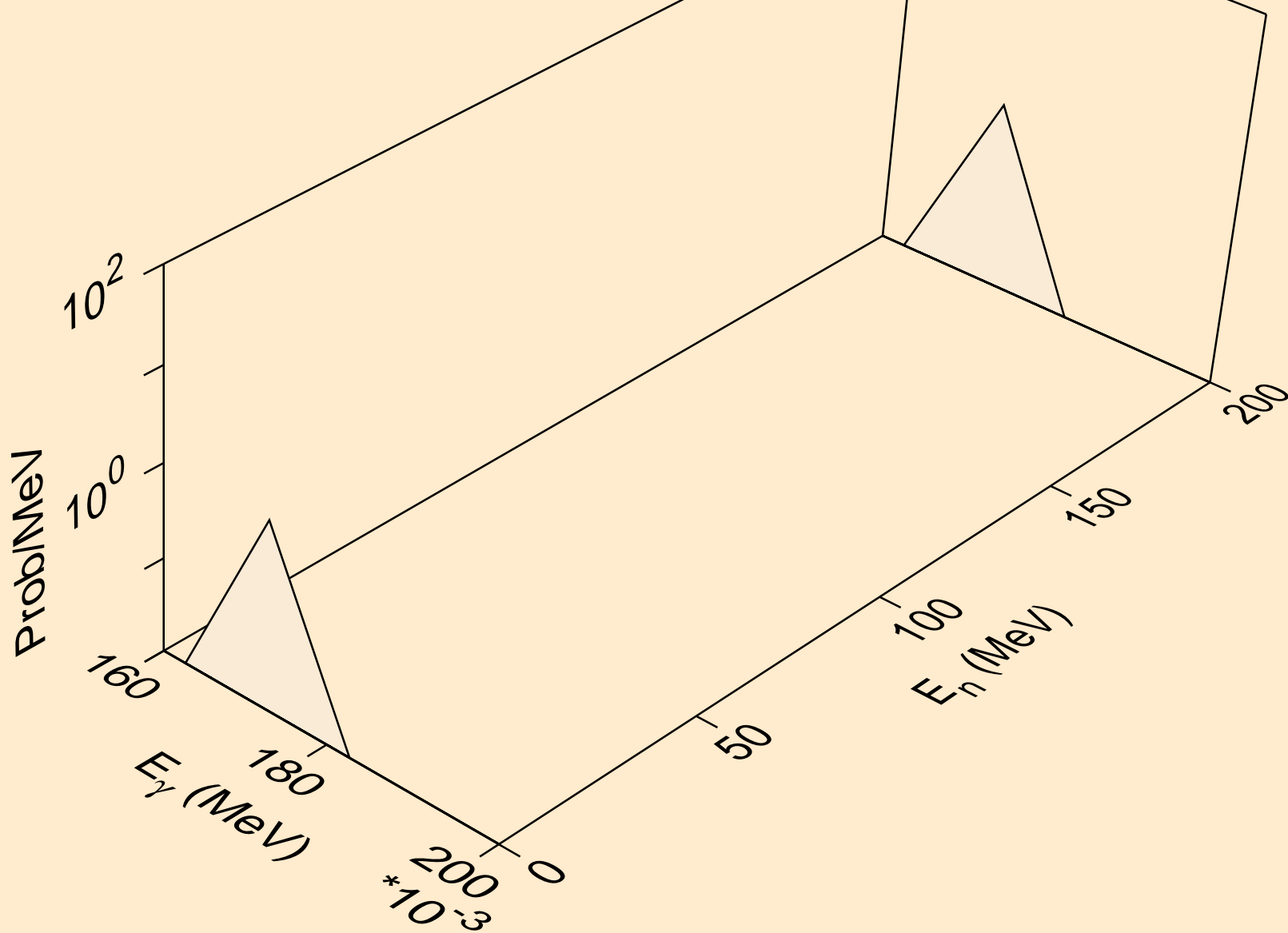
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



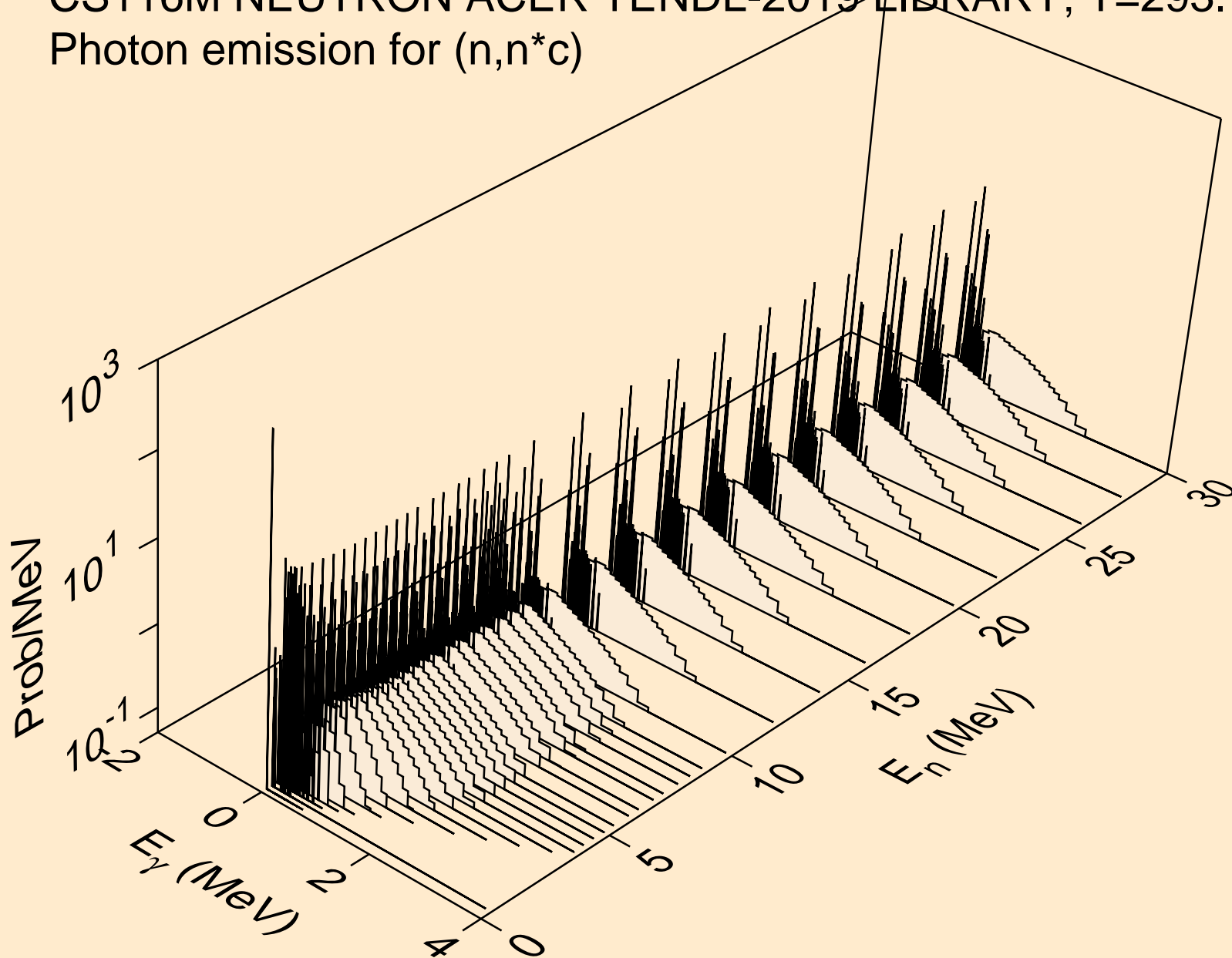
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



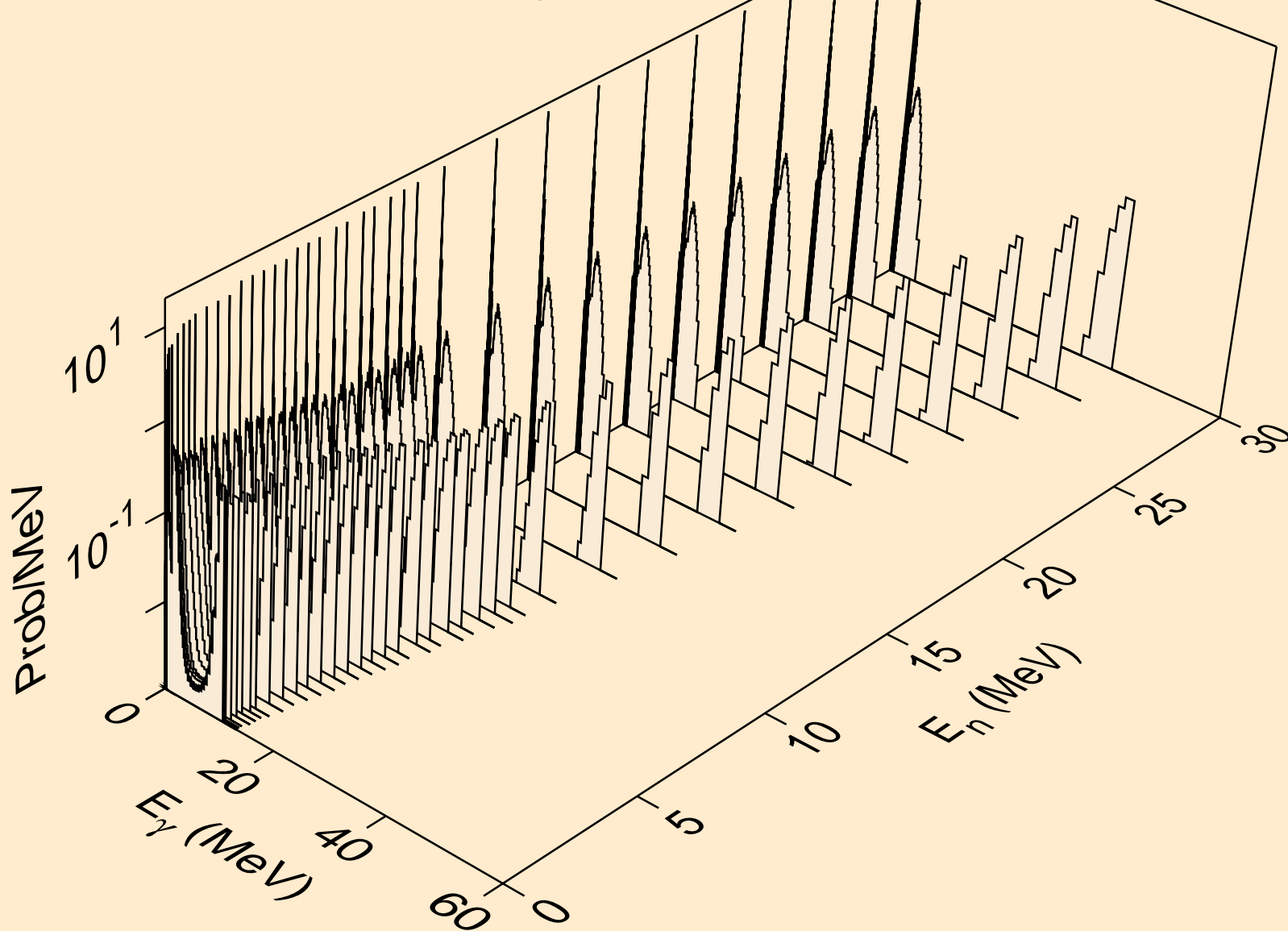
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*2)



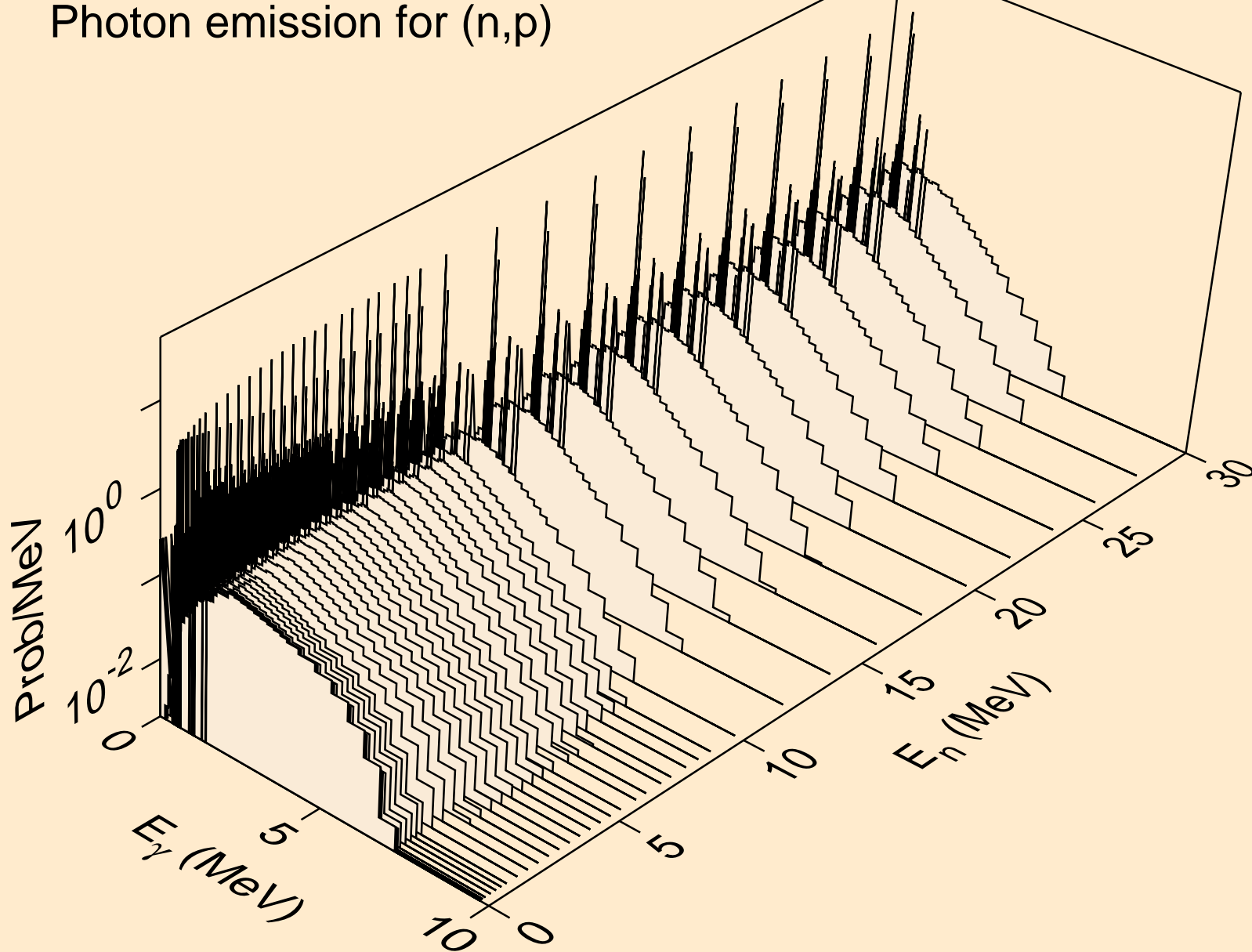
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)

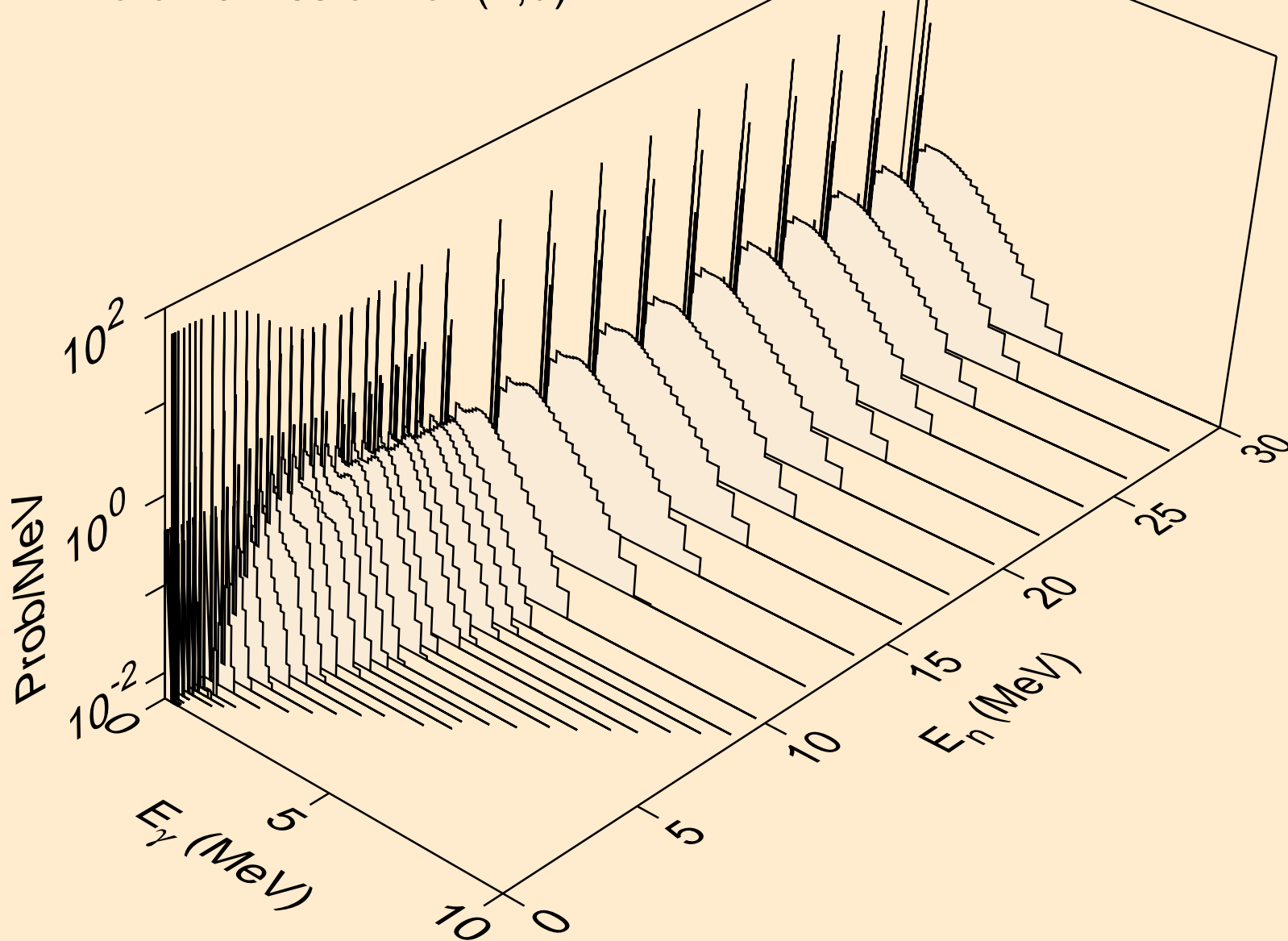


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)

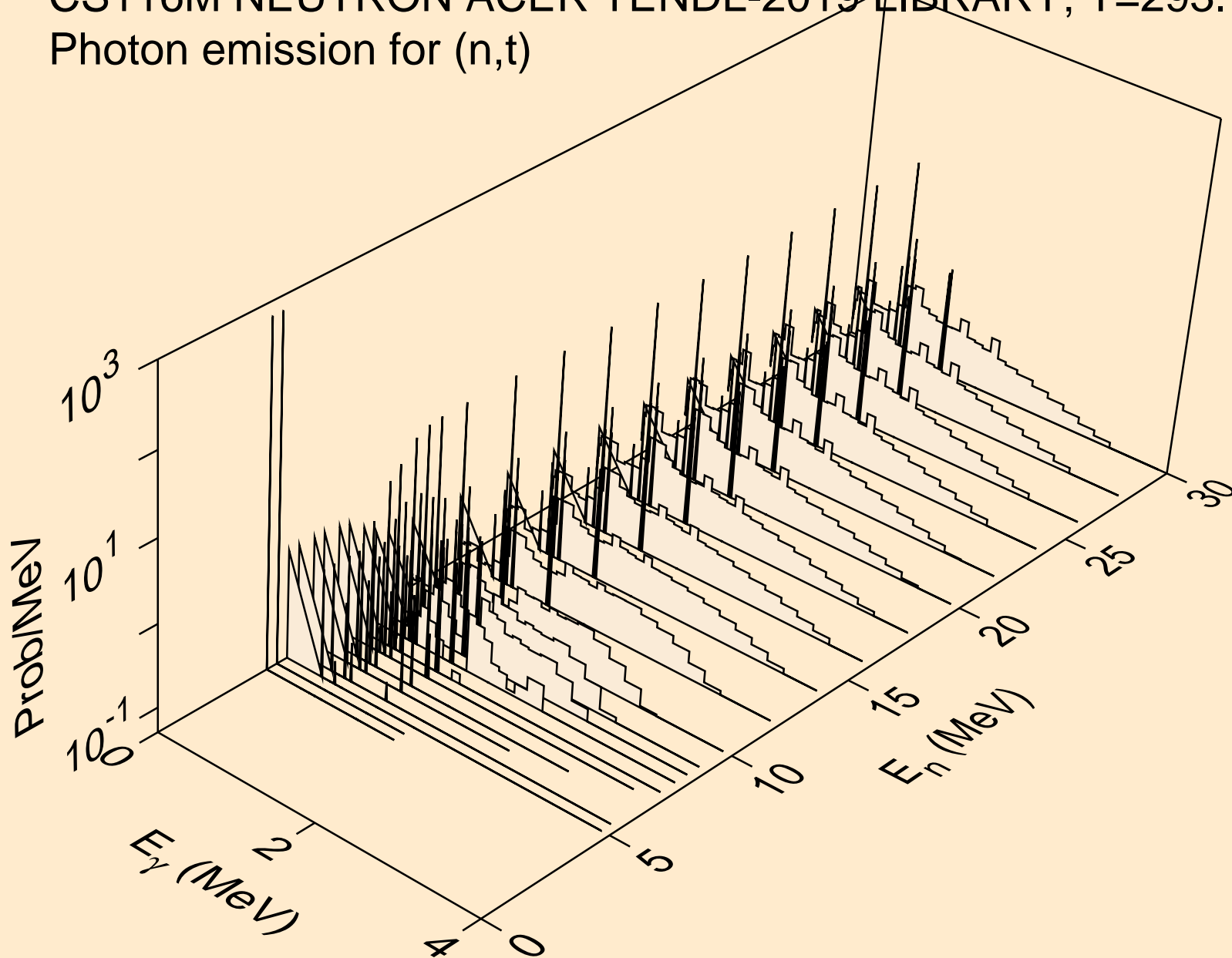




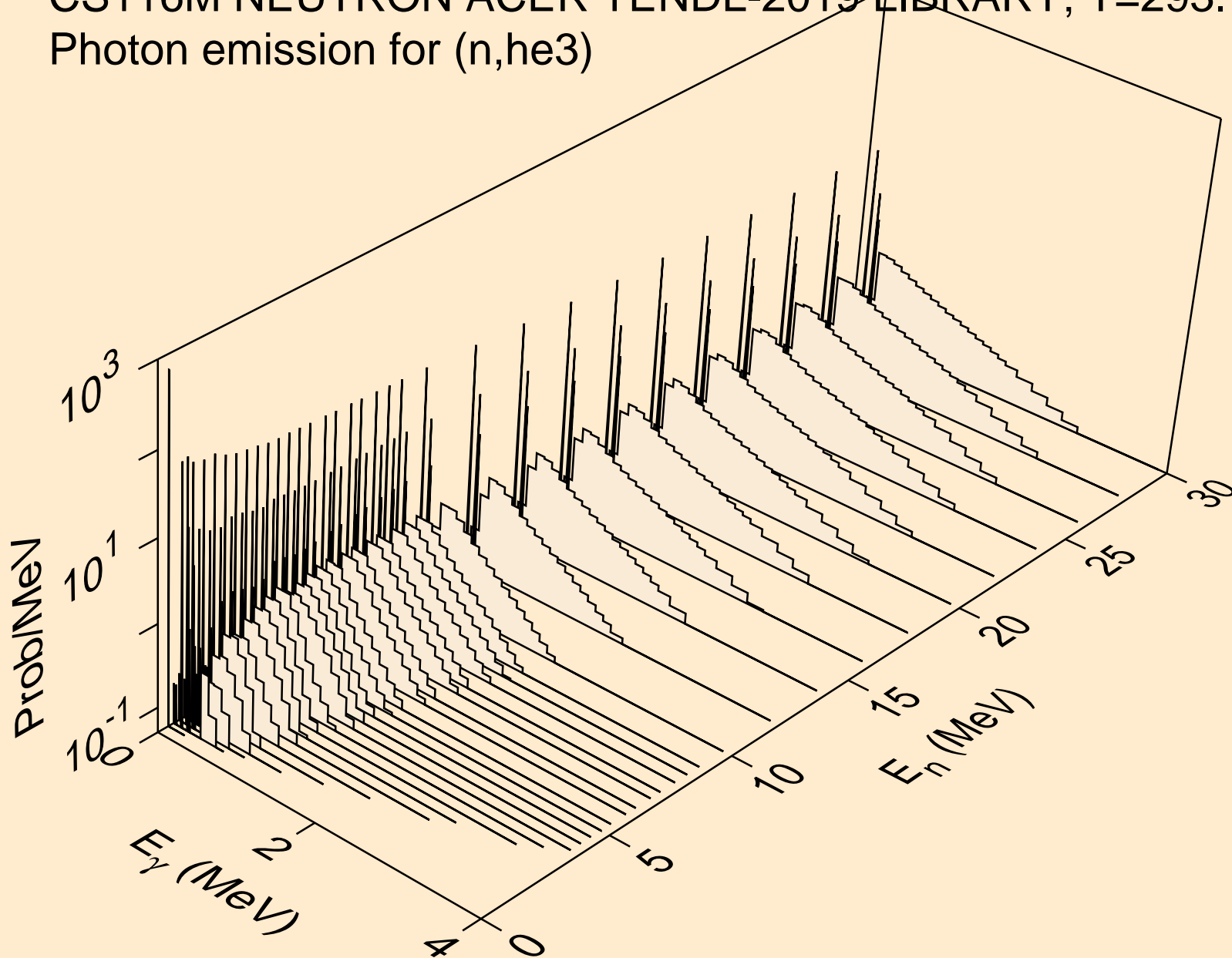
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



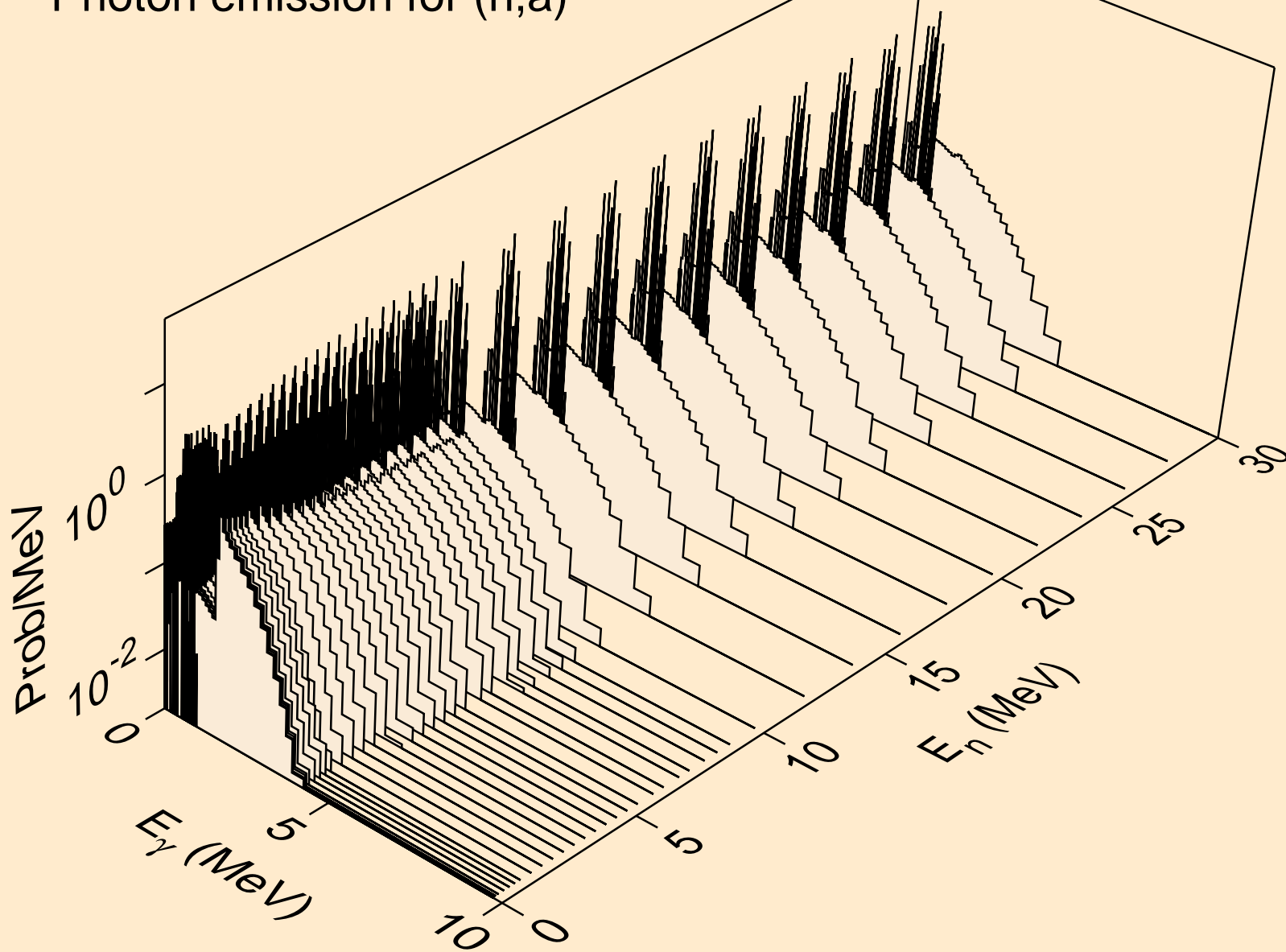
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



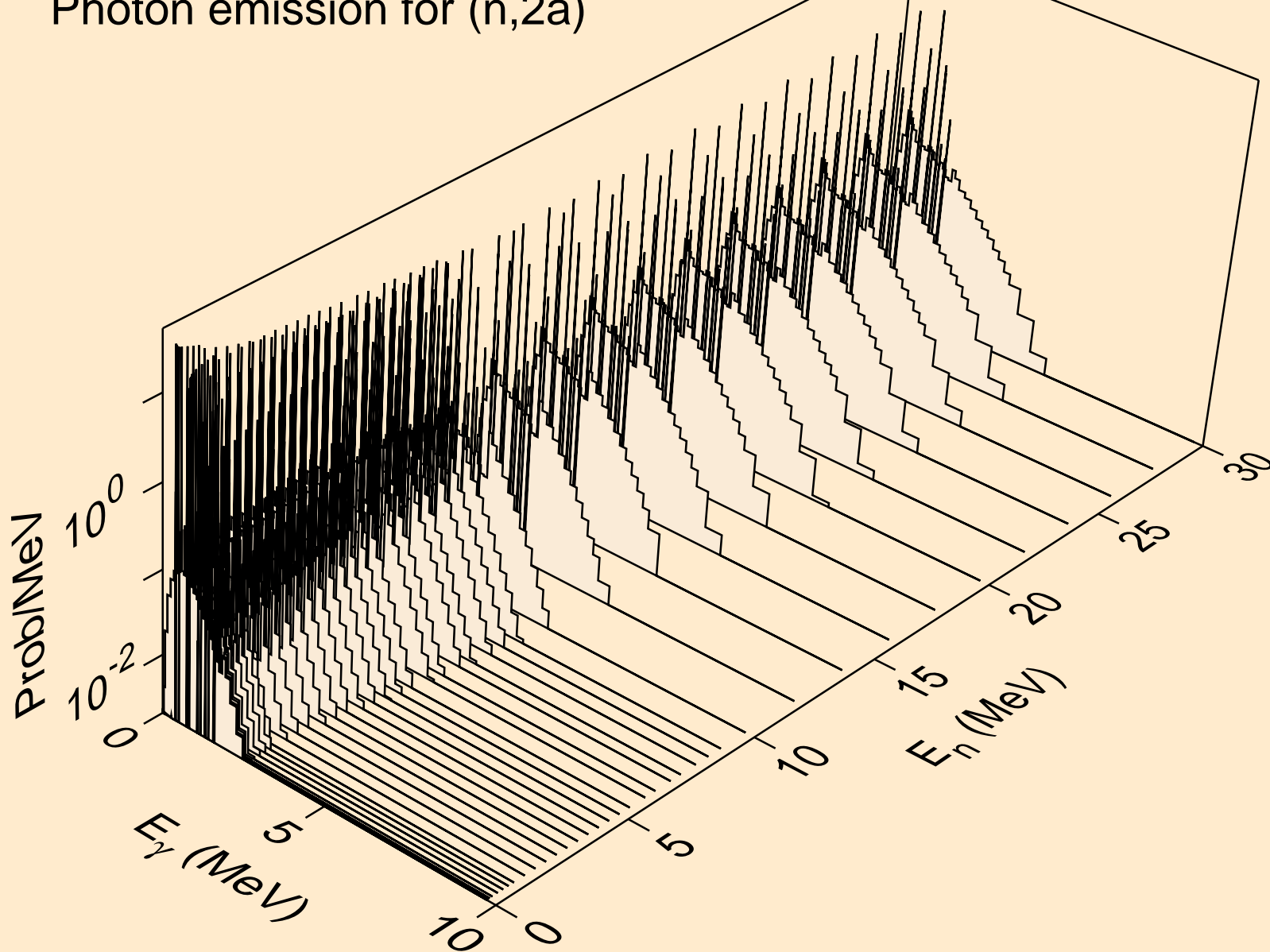
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



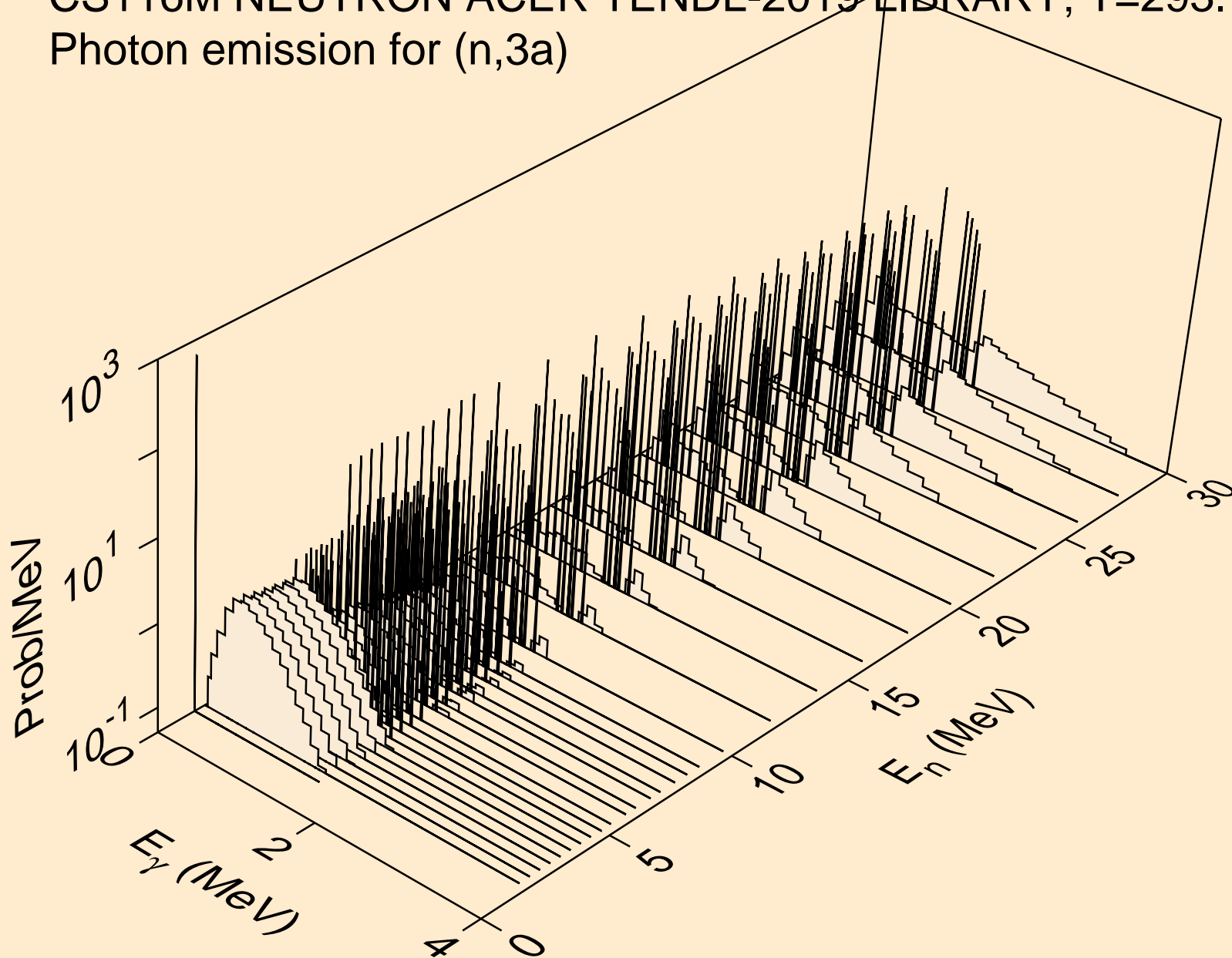
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



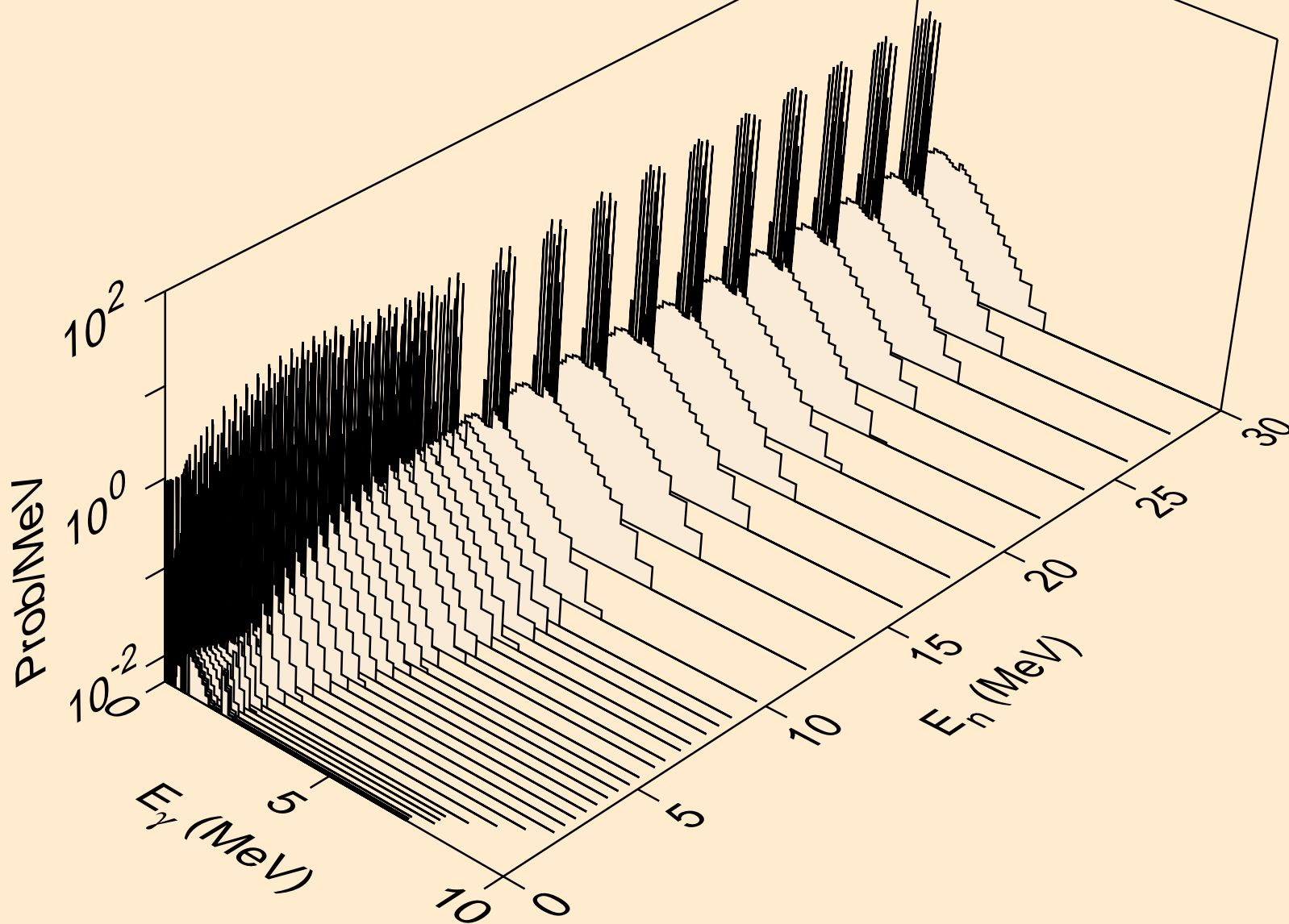
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



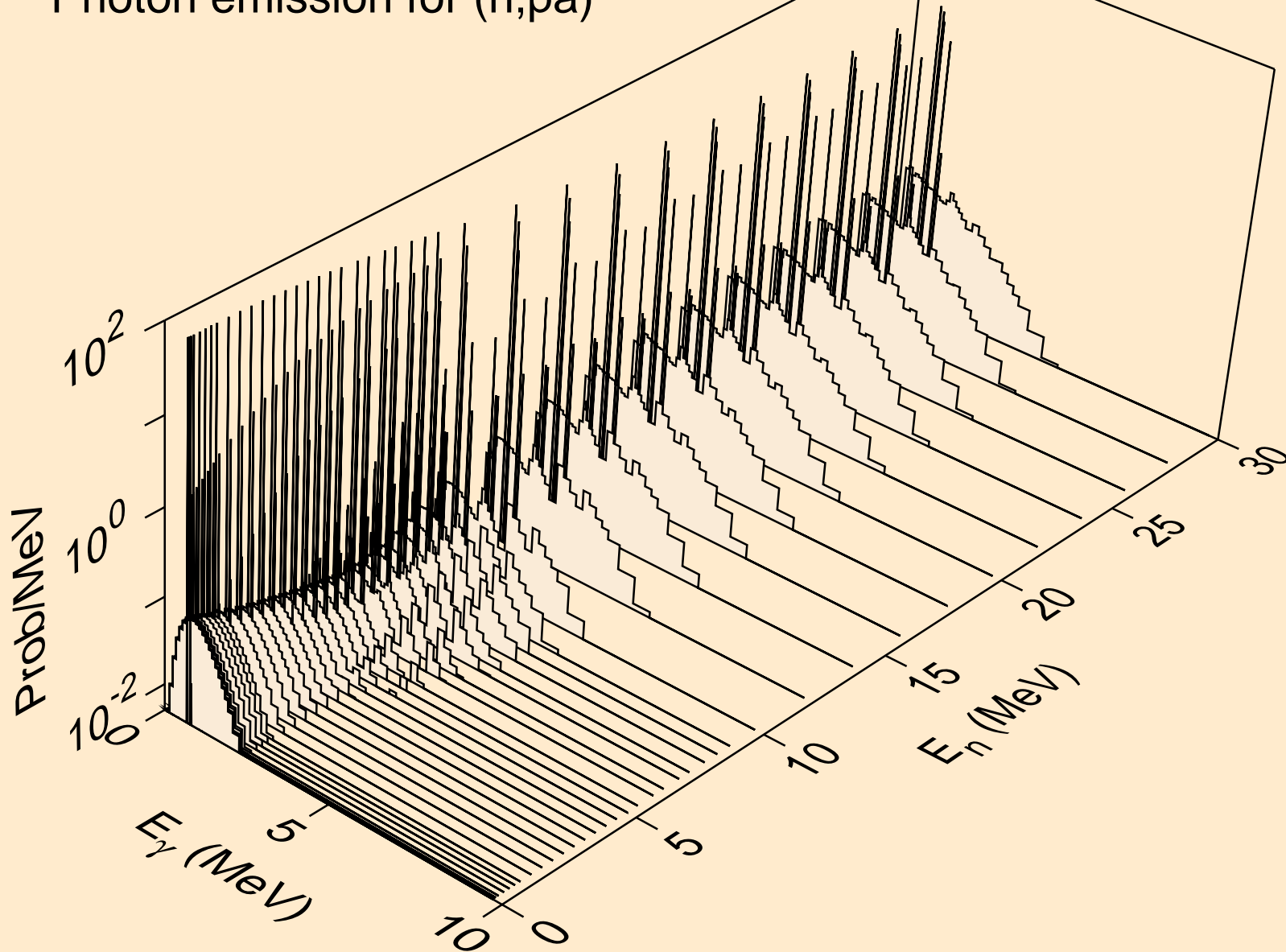
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3a)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)

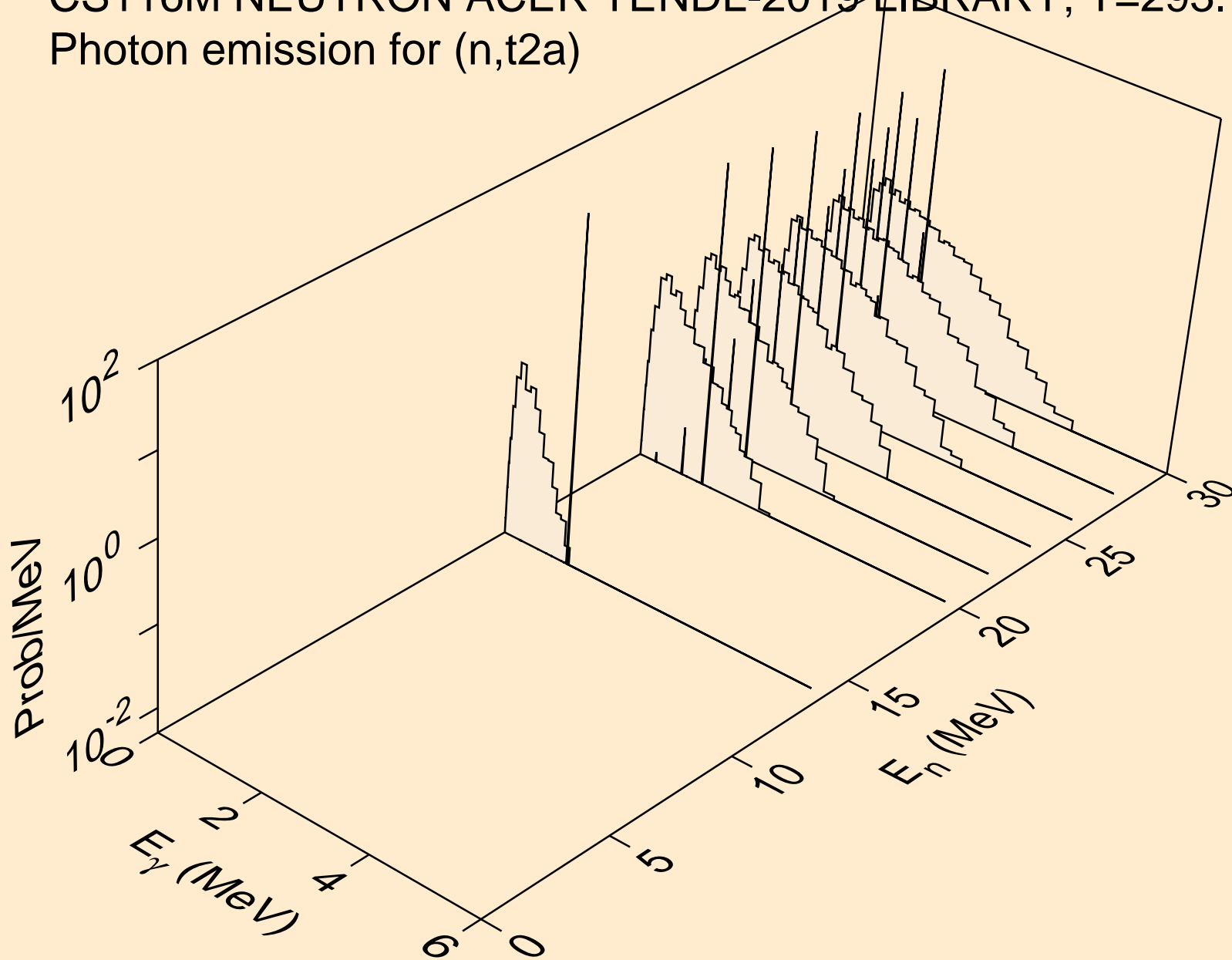


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )

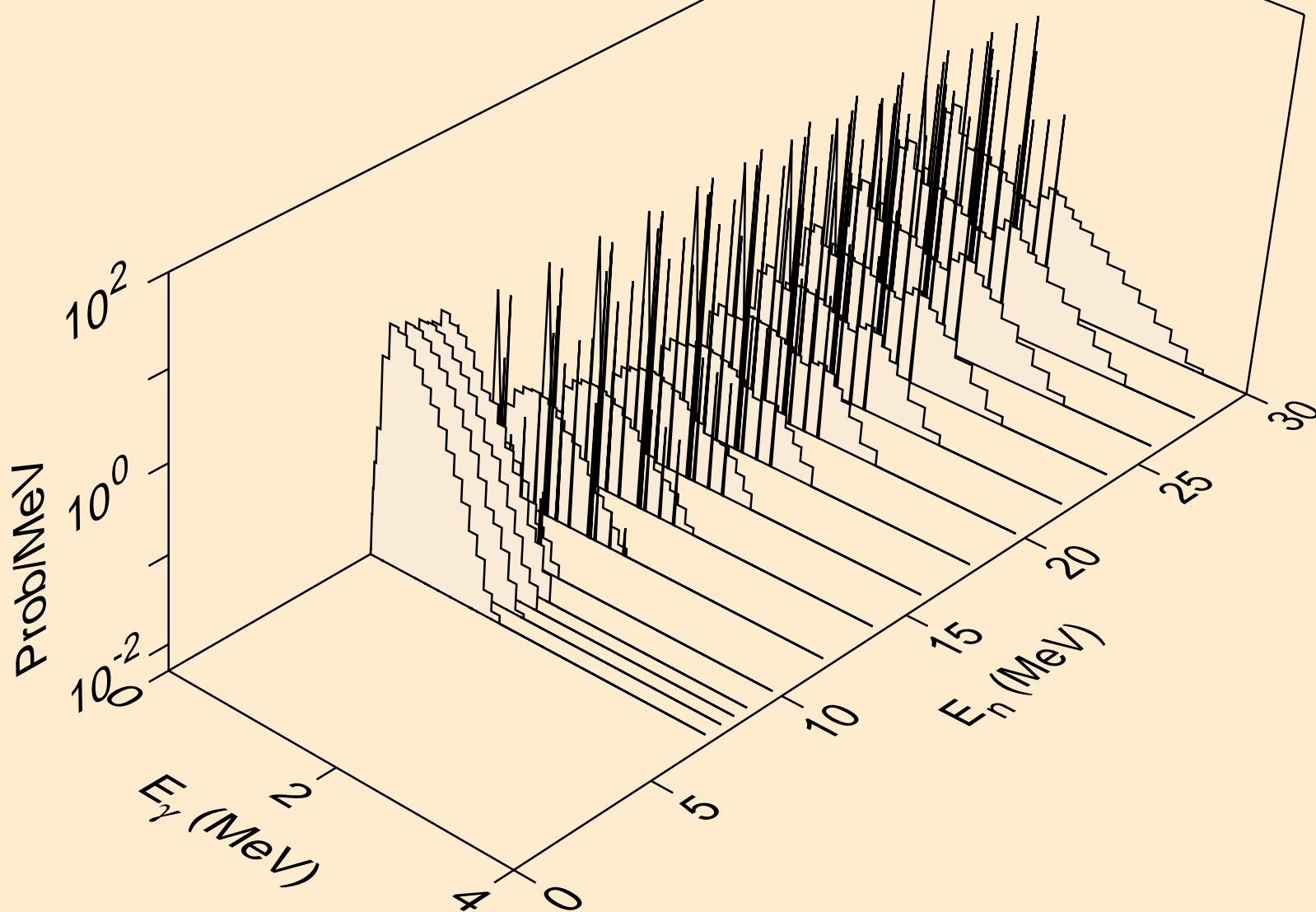




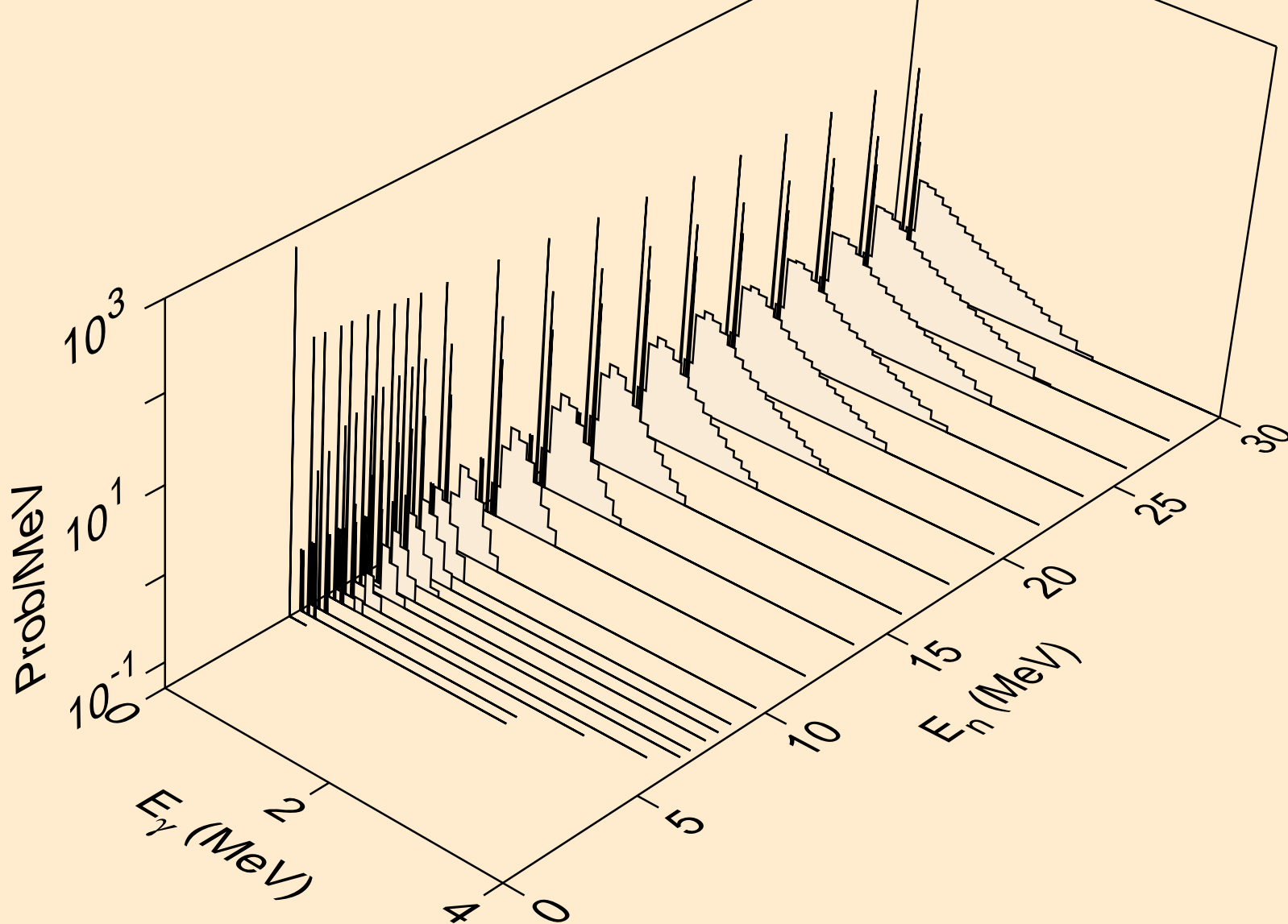
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t2a)



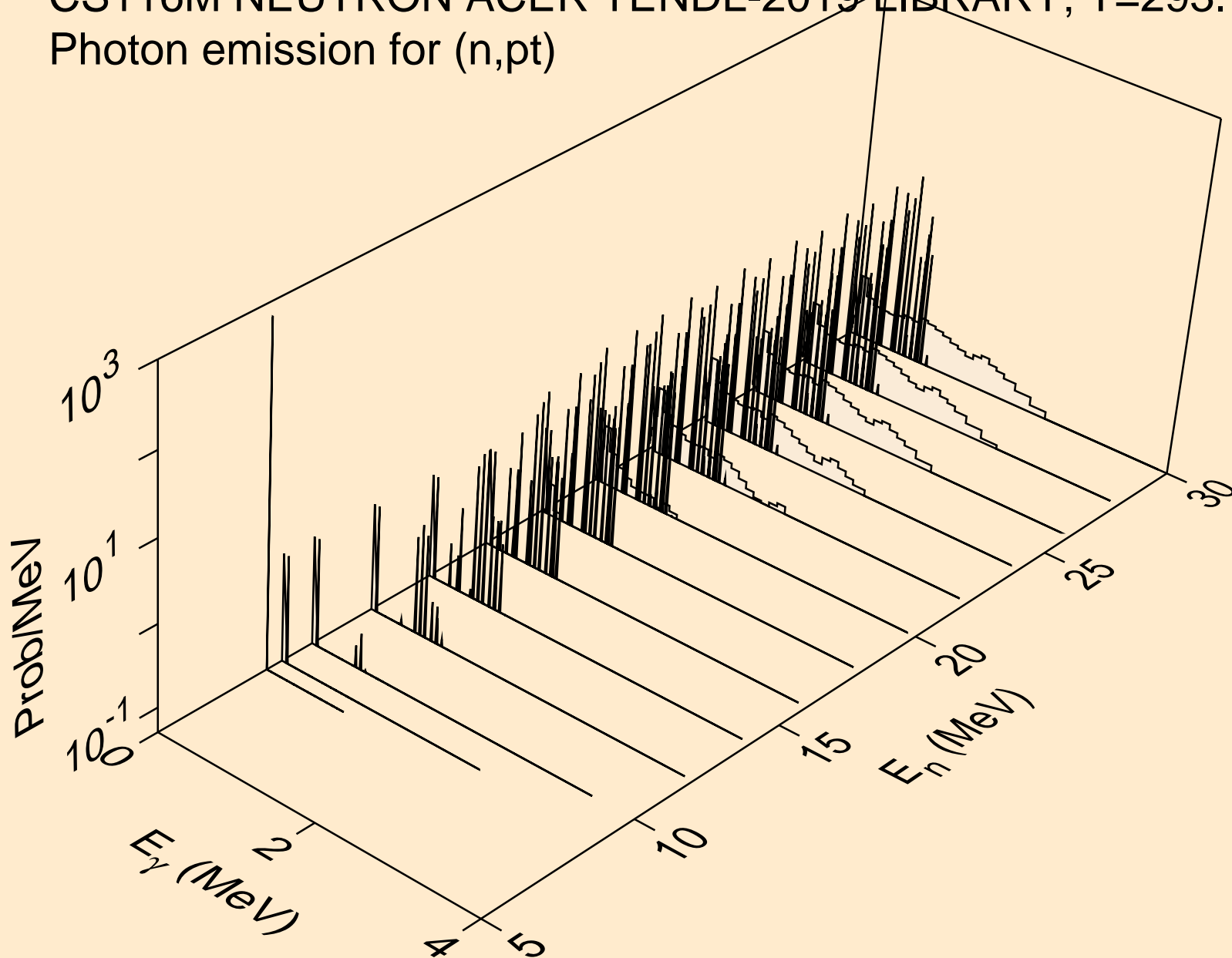
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d2a)



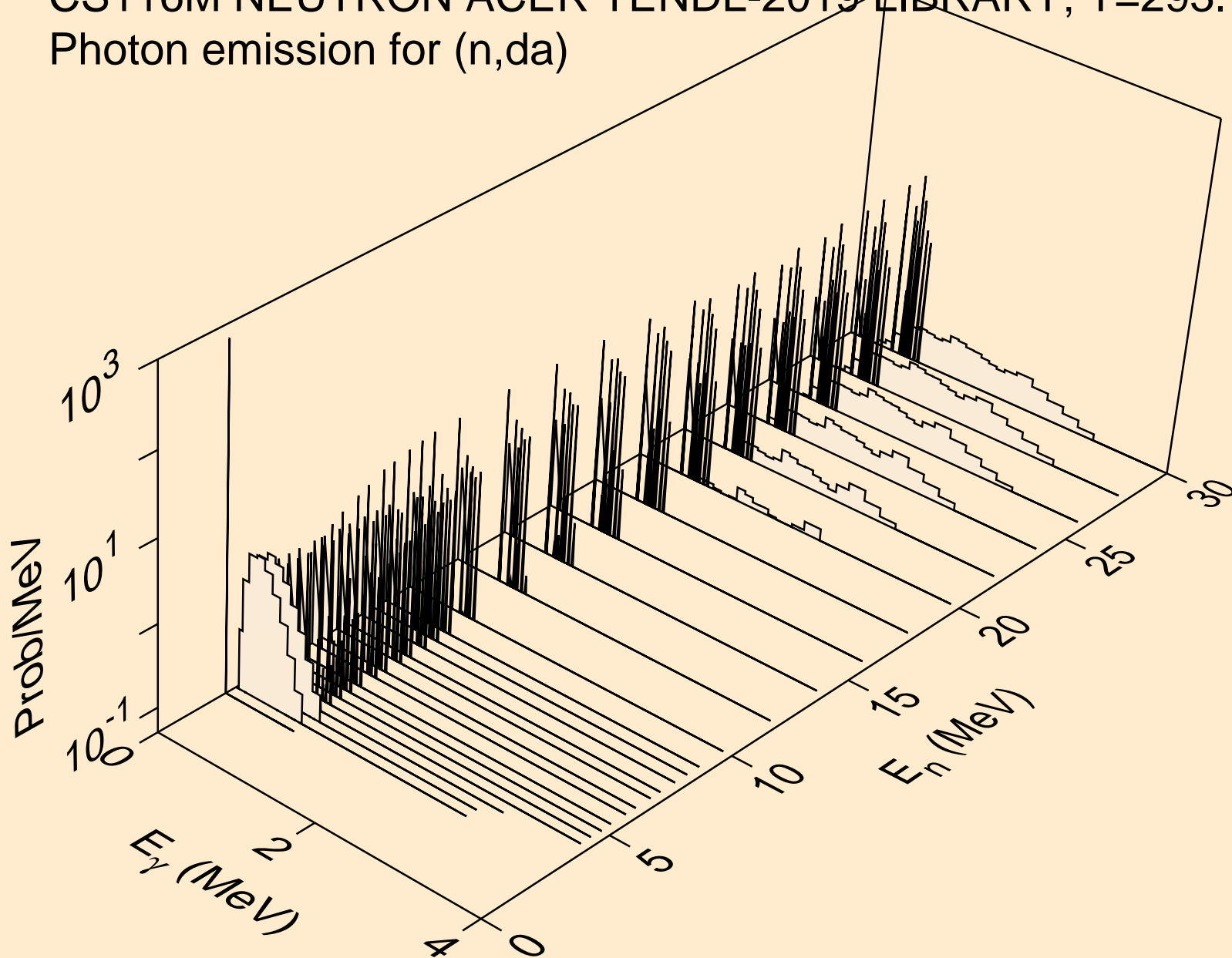
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



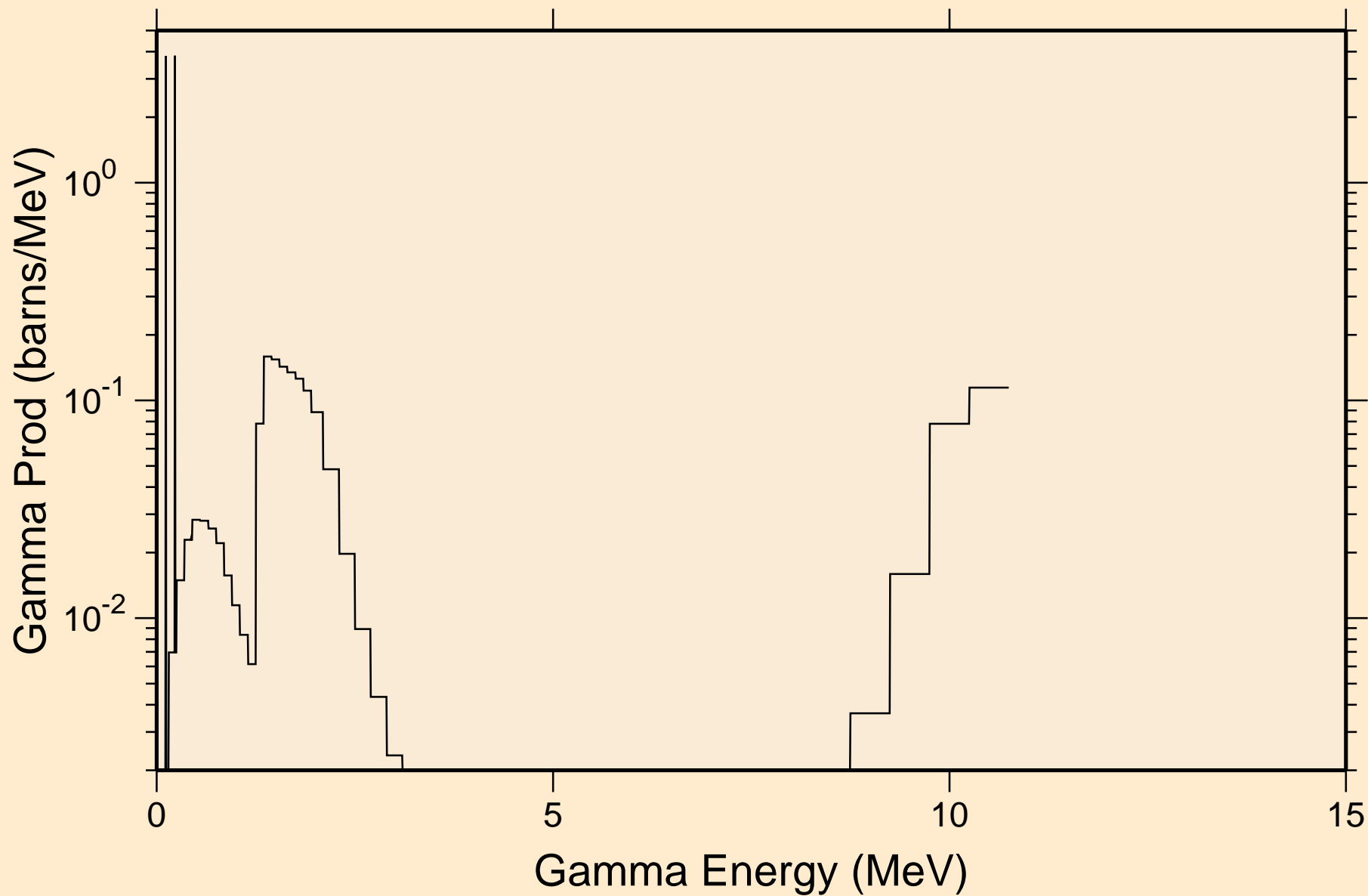
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



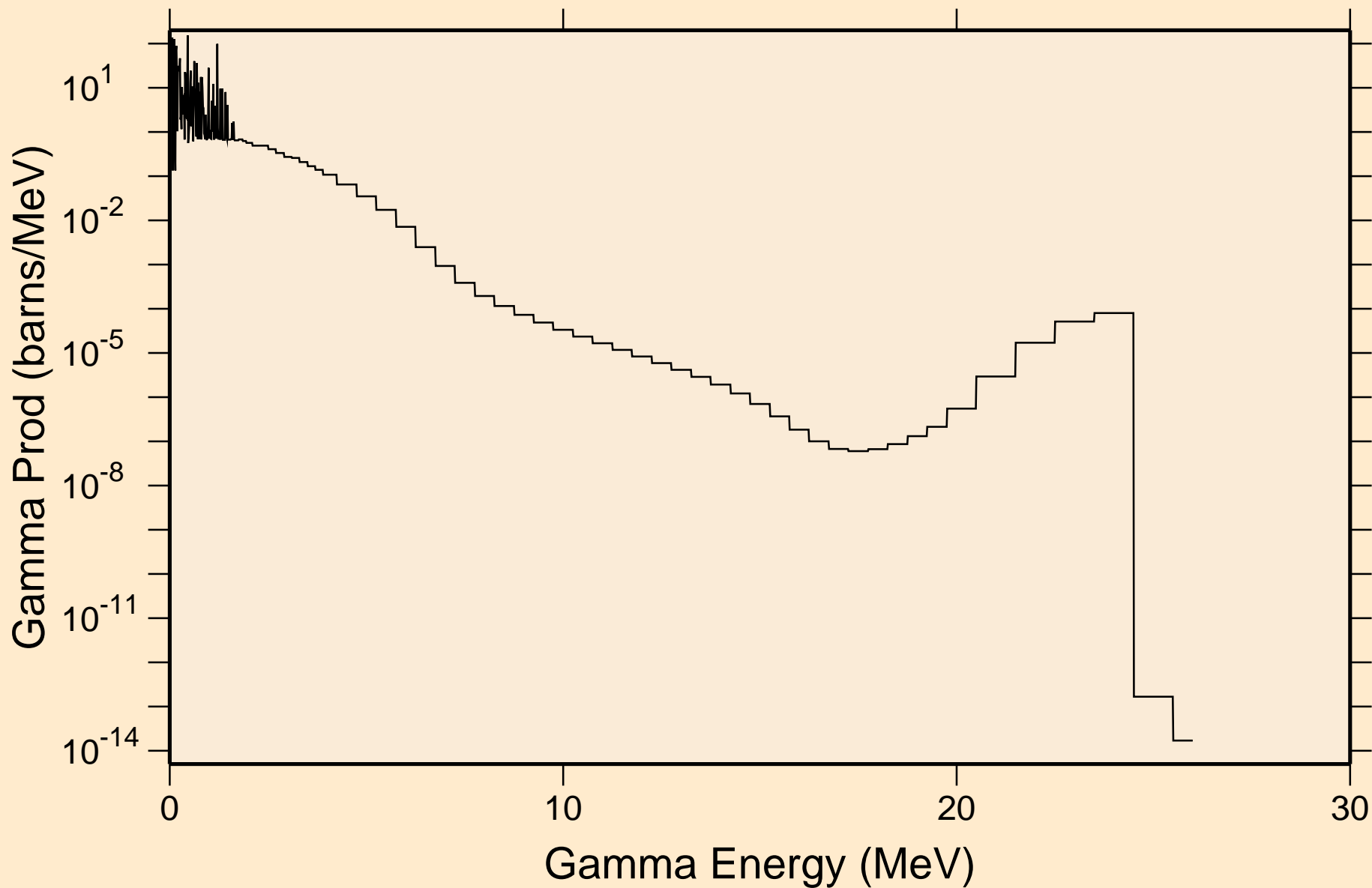
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

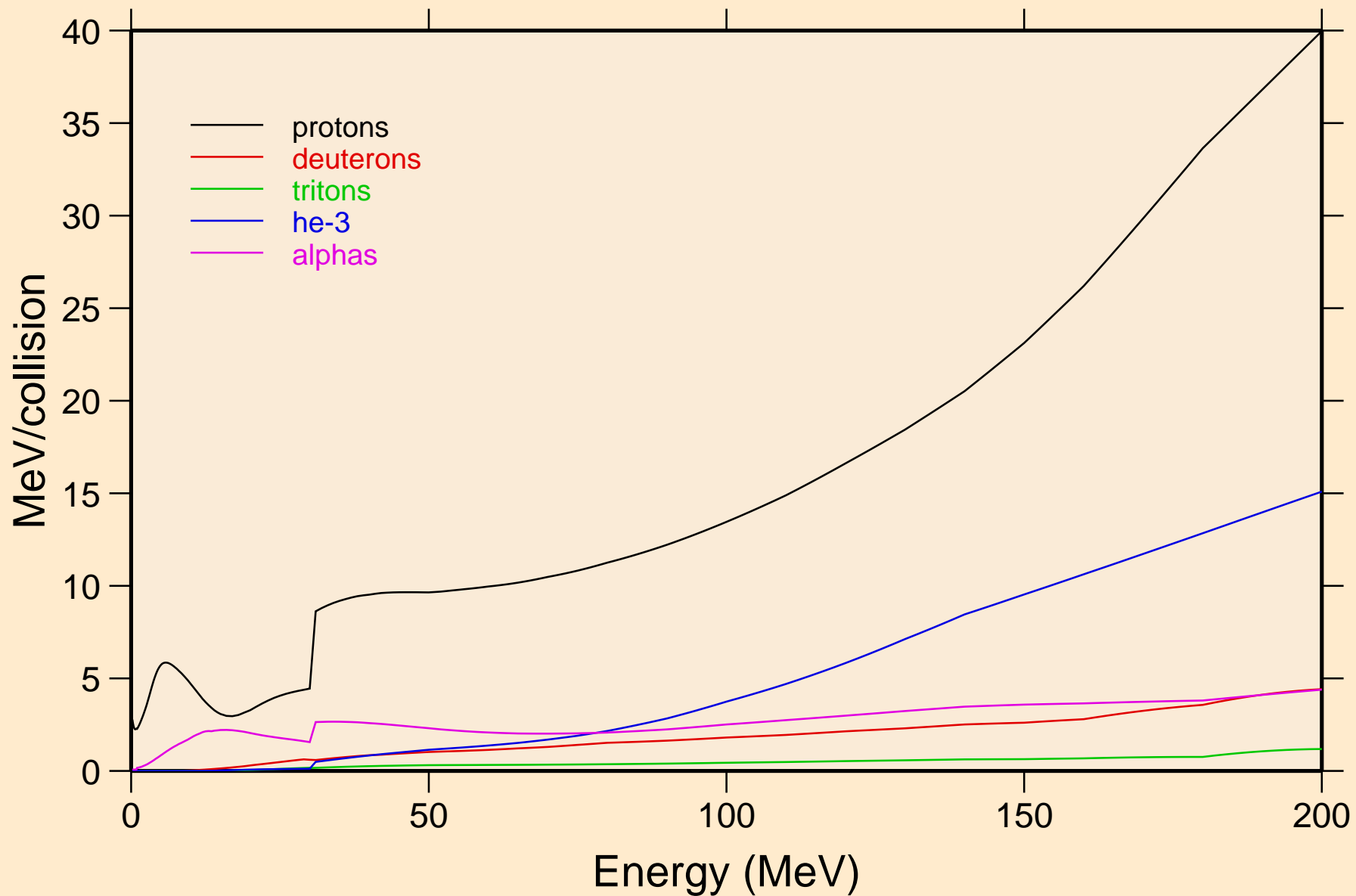


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



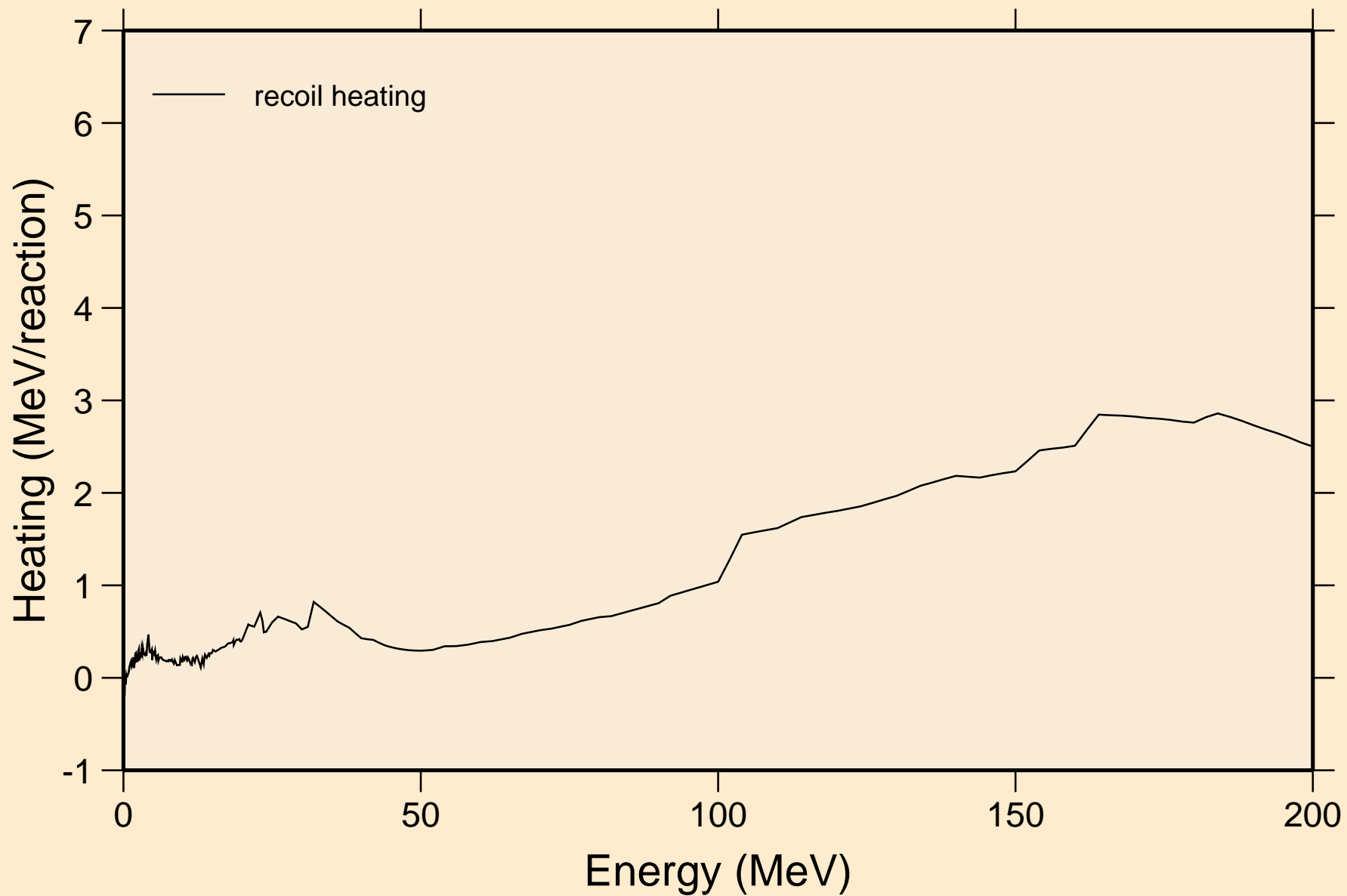
# CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle heating contributions

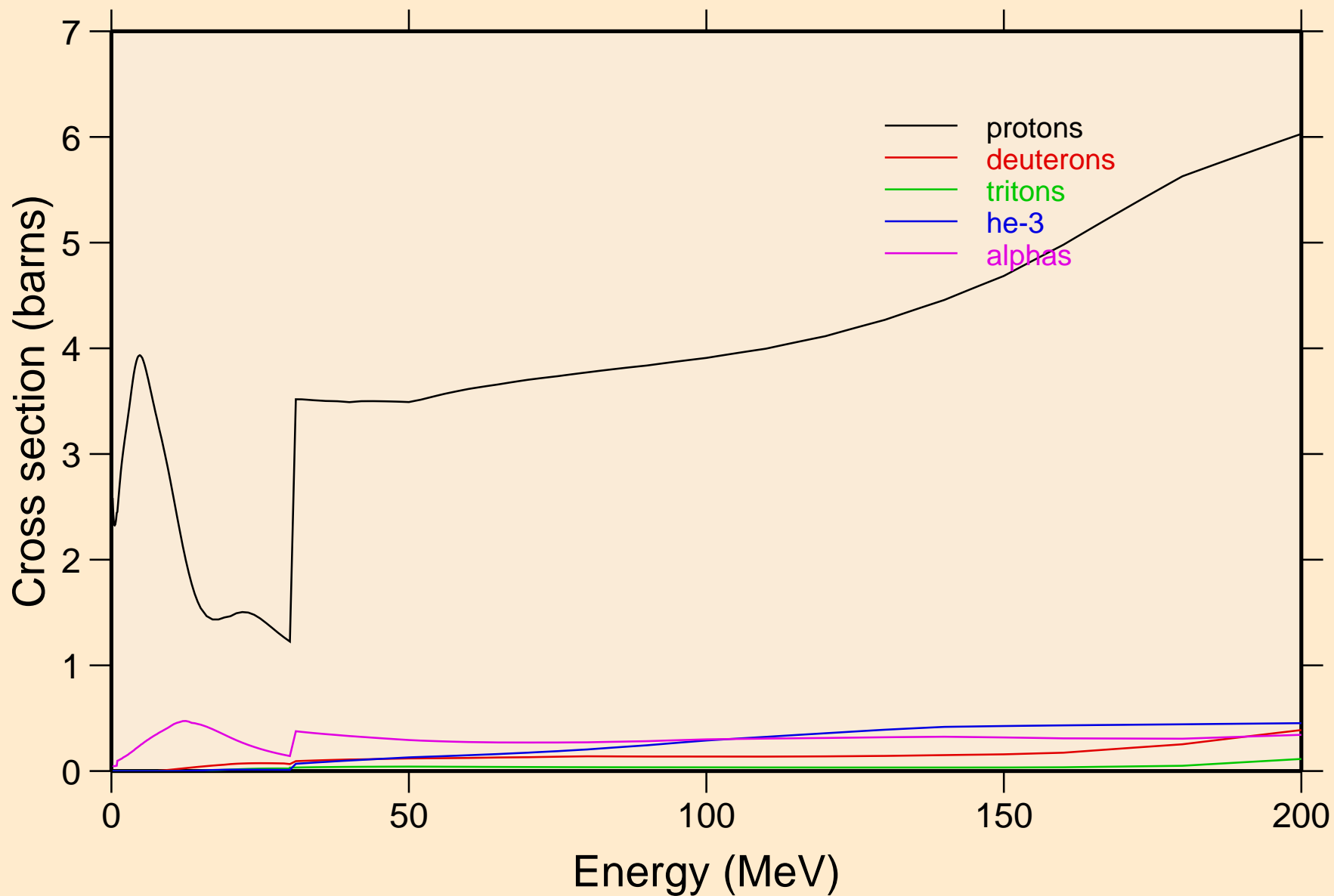




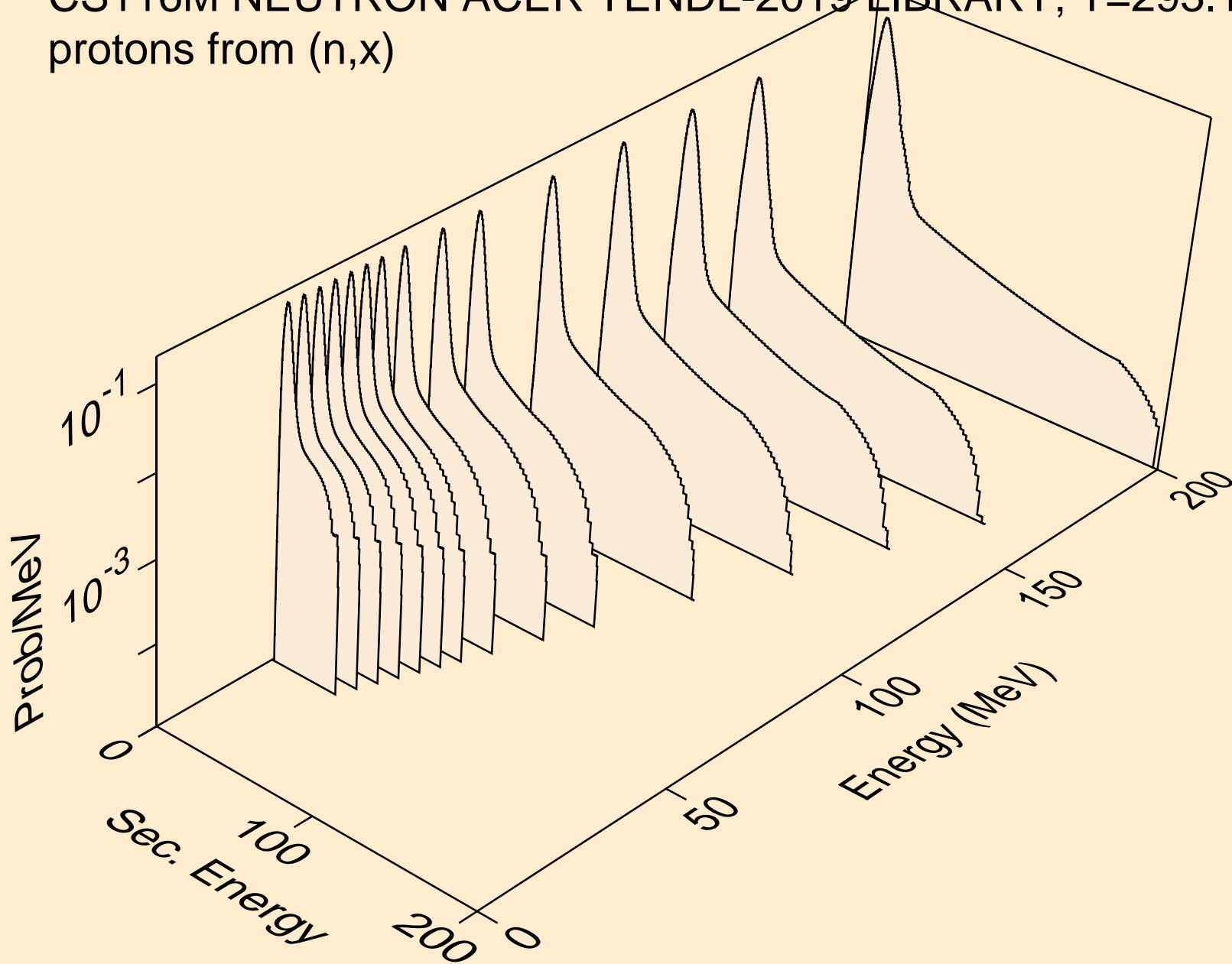
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



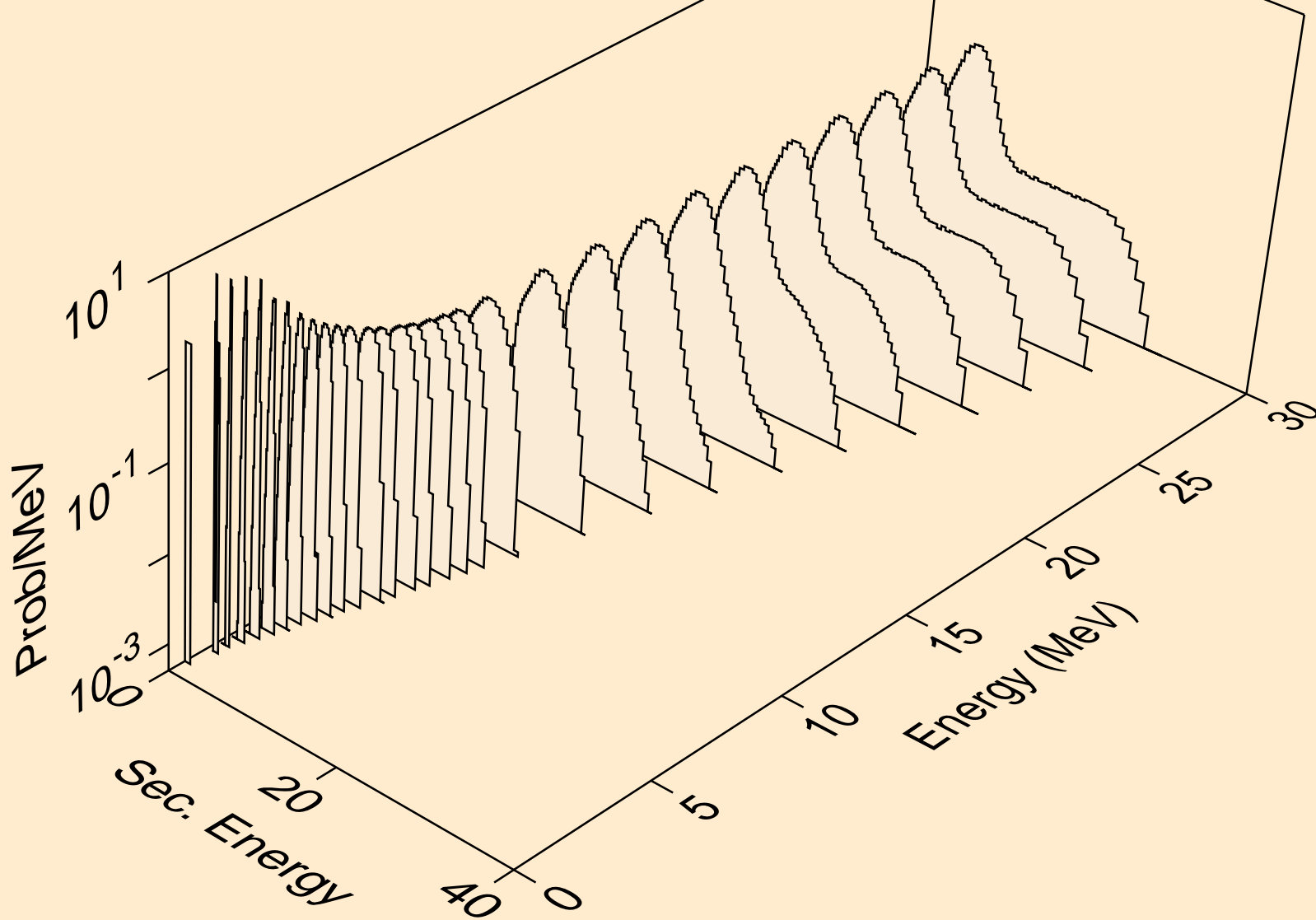
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



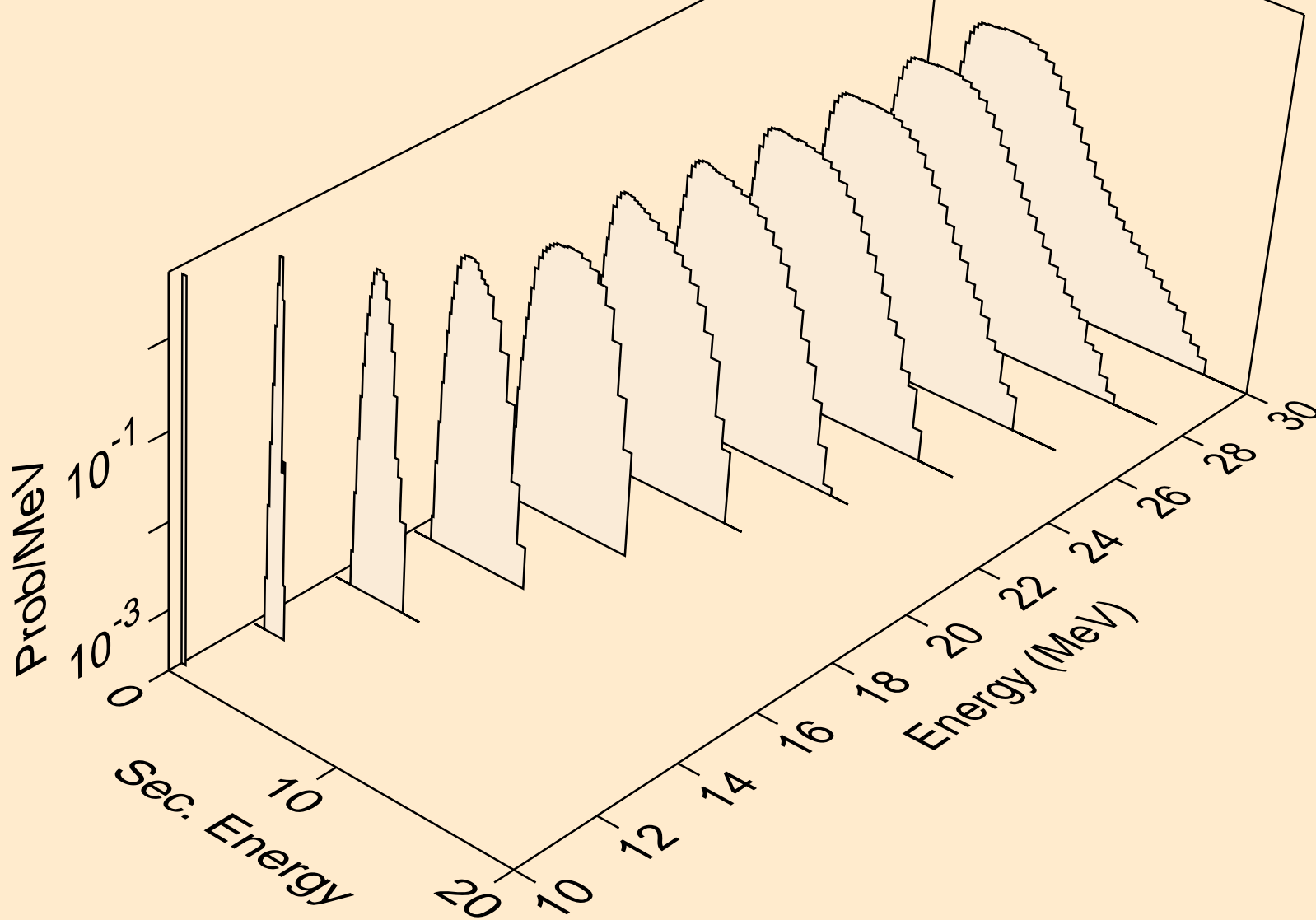
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



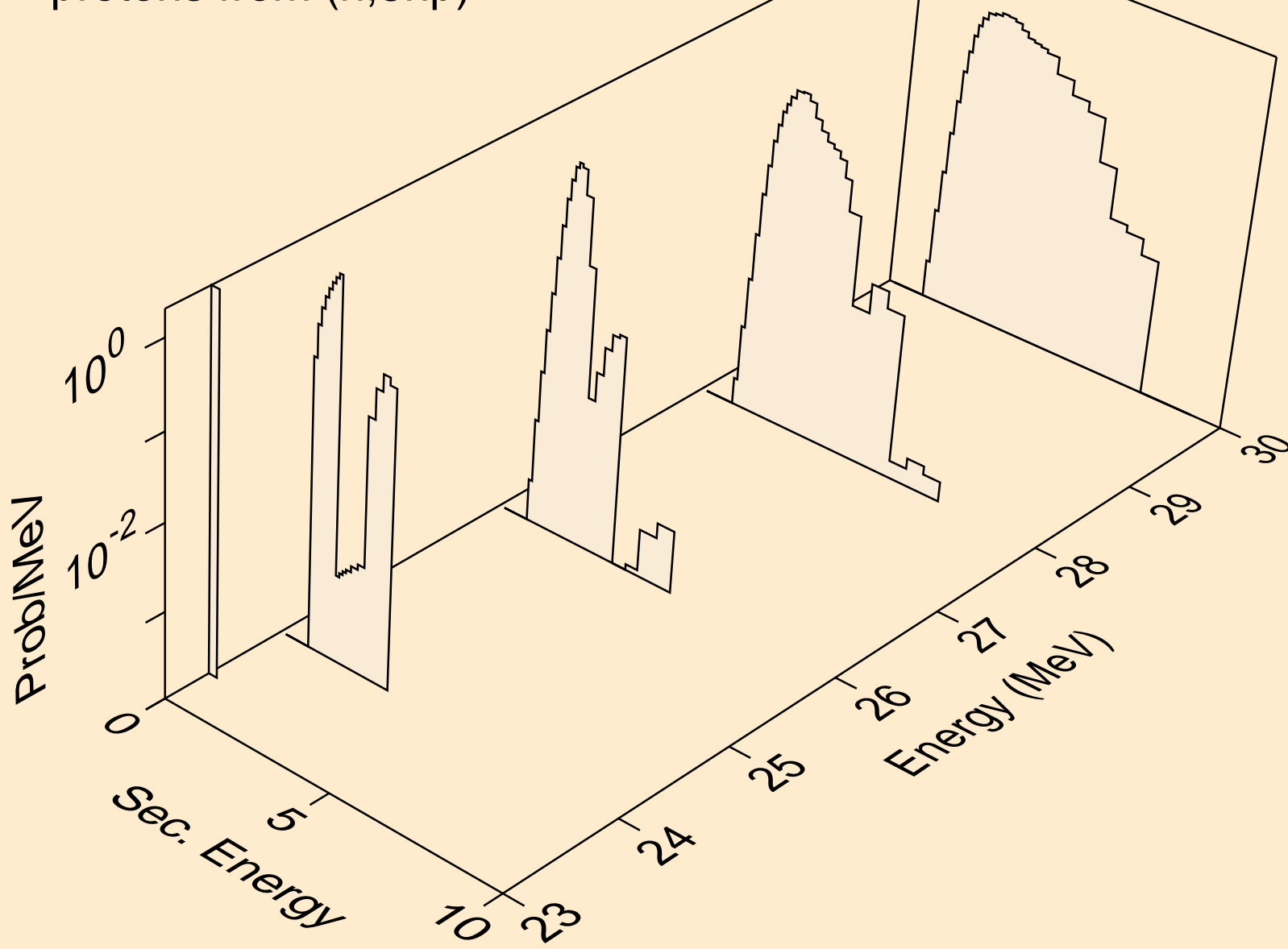
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



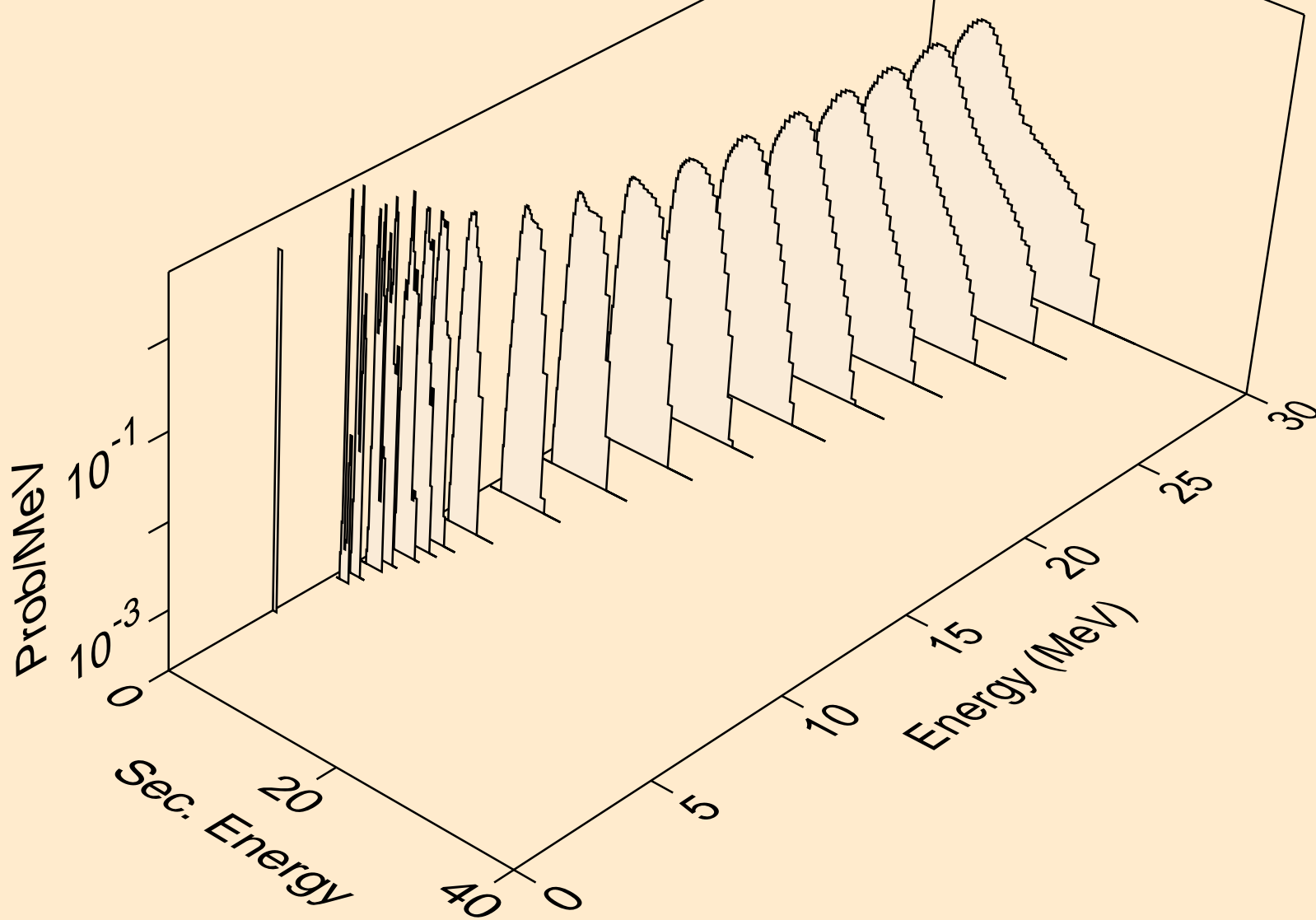
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



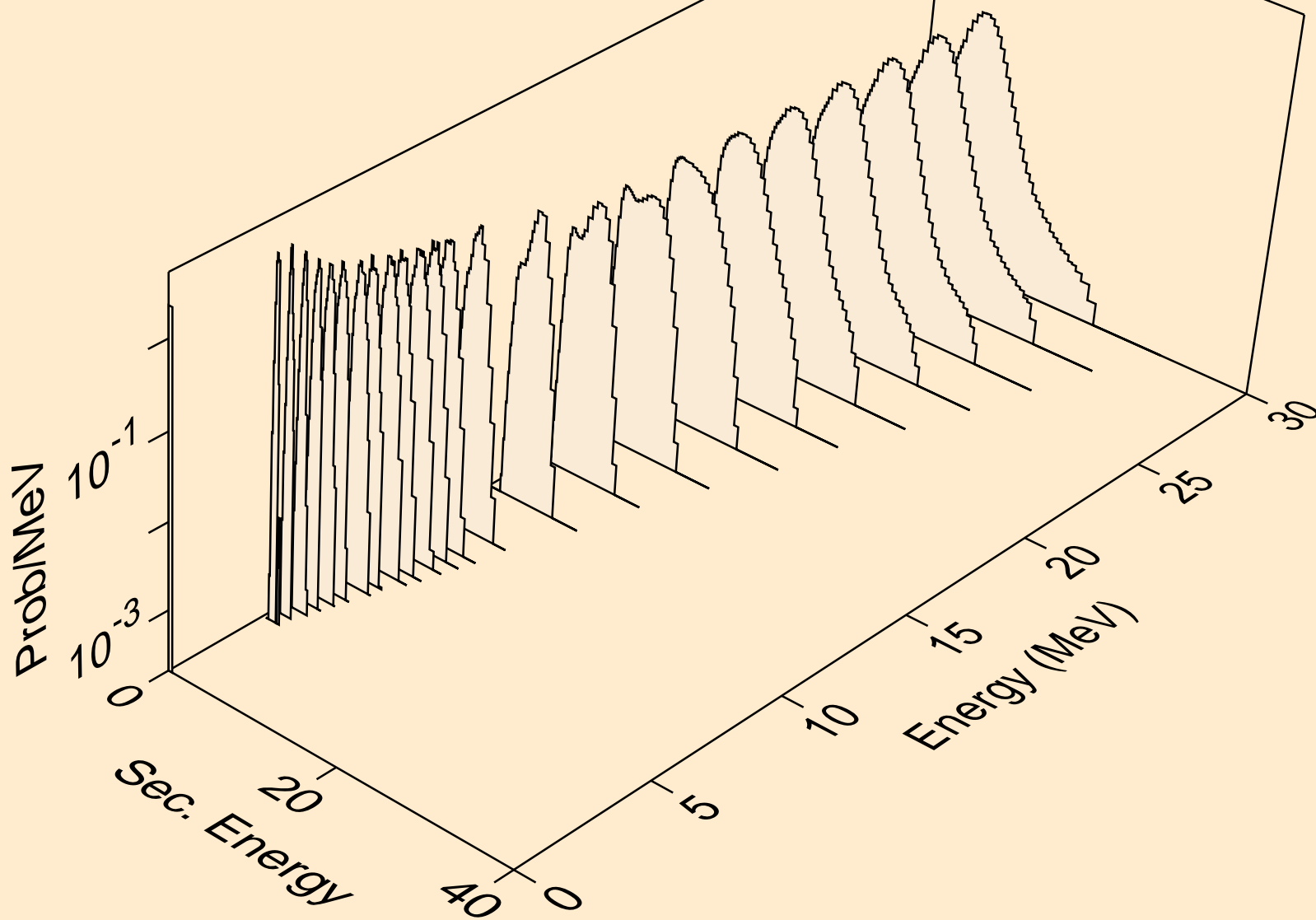
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

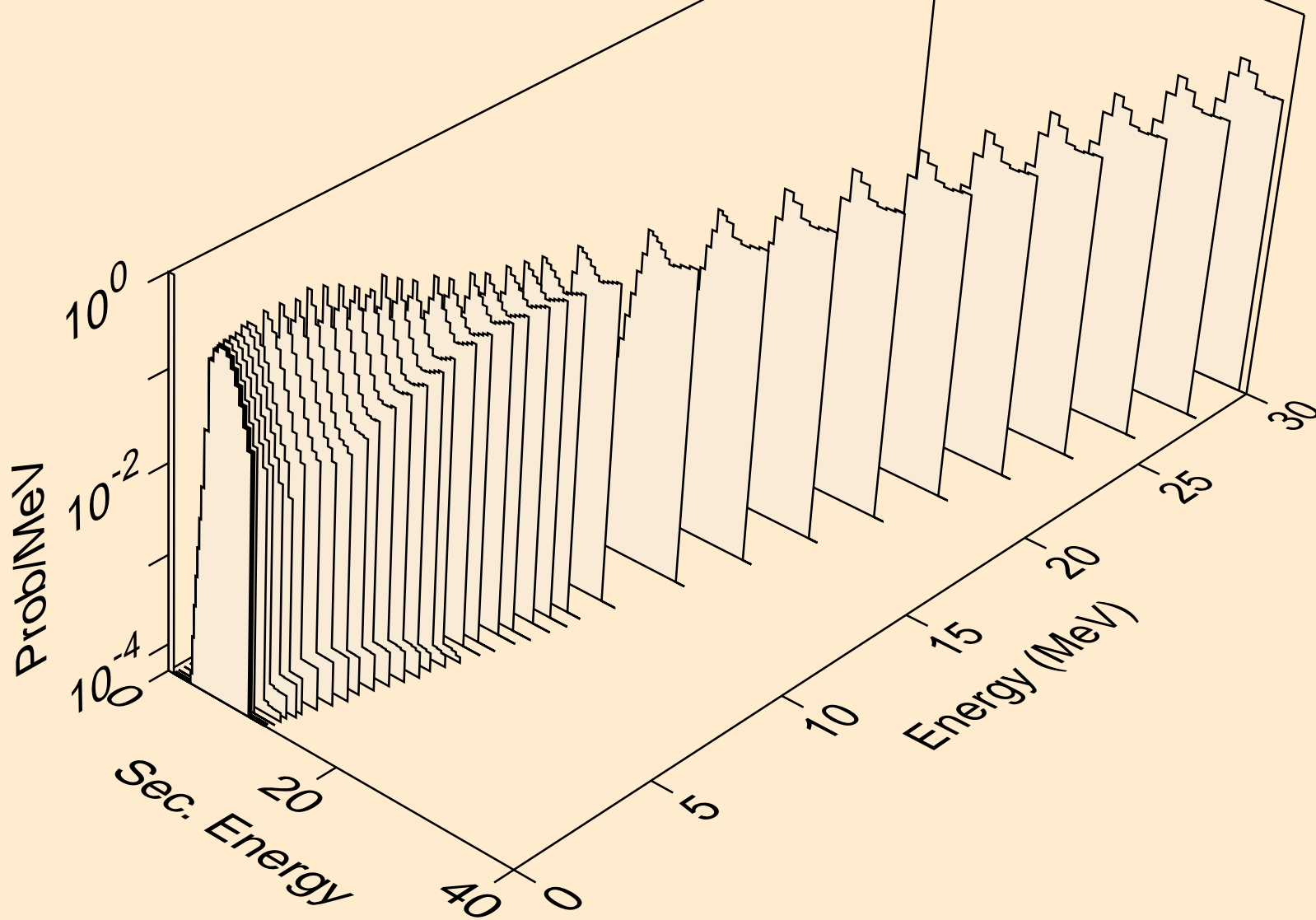


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)

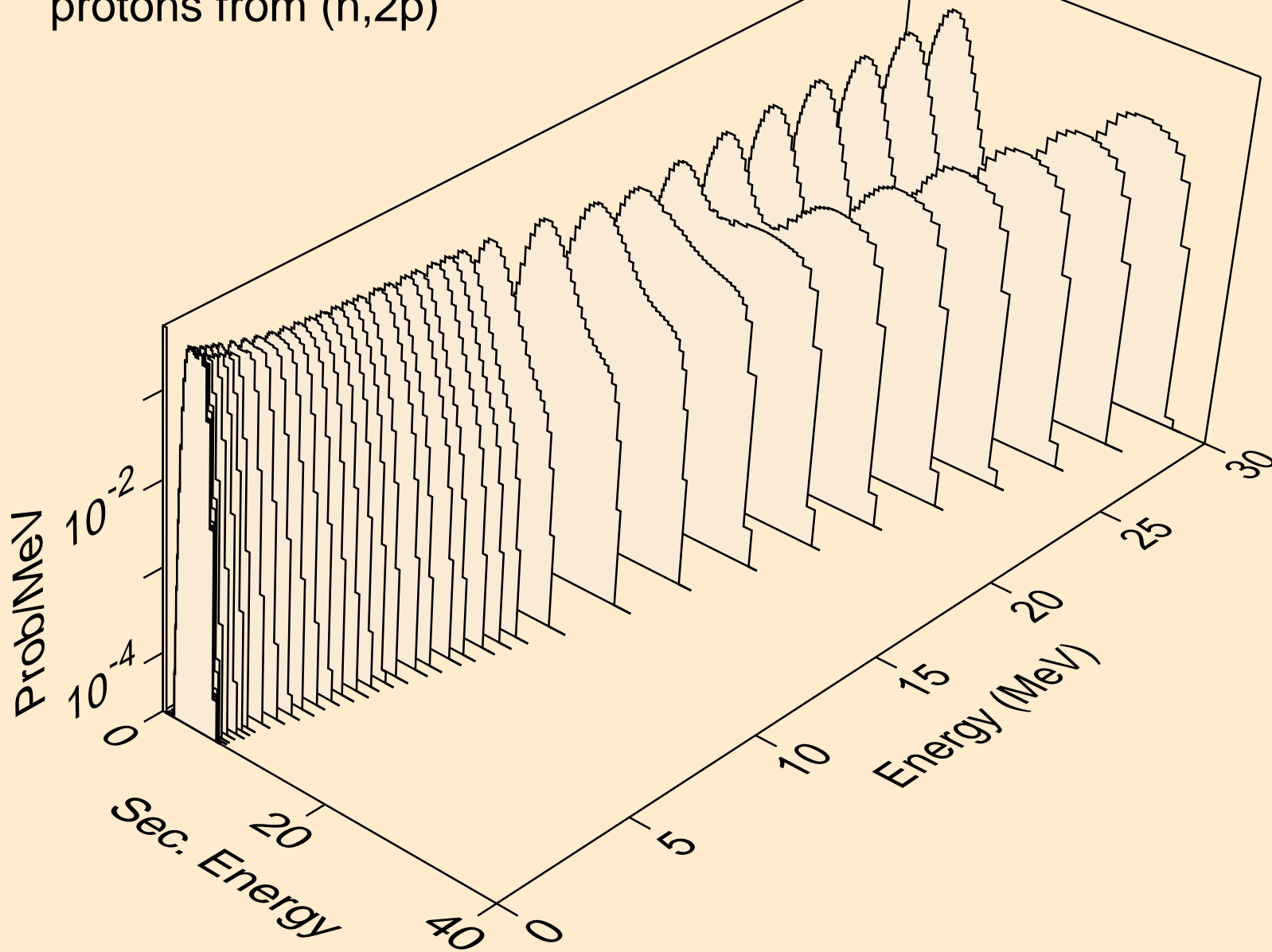




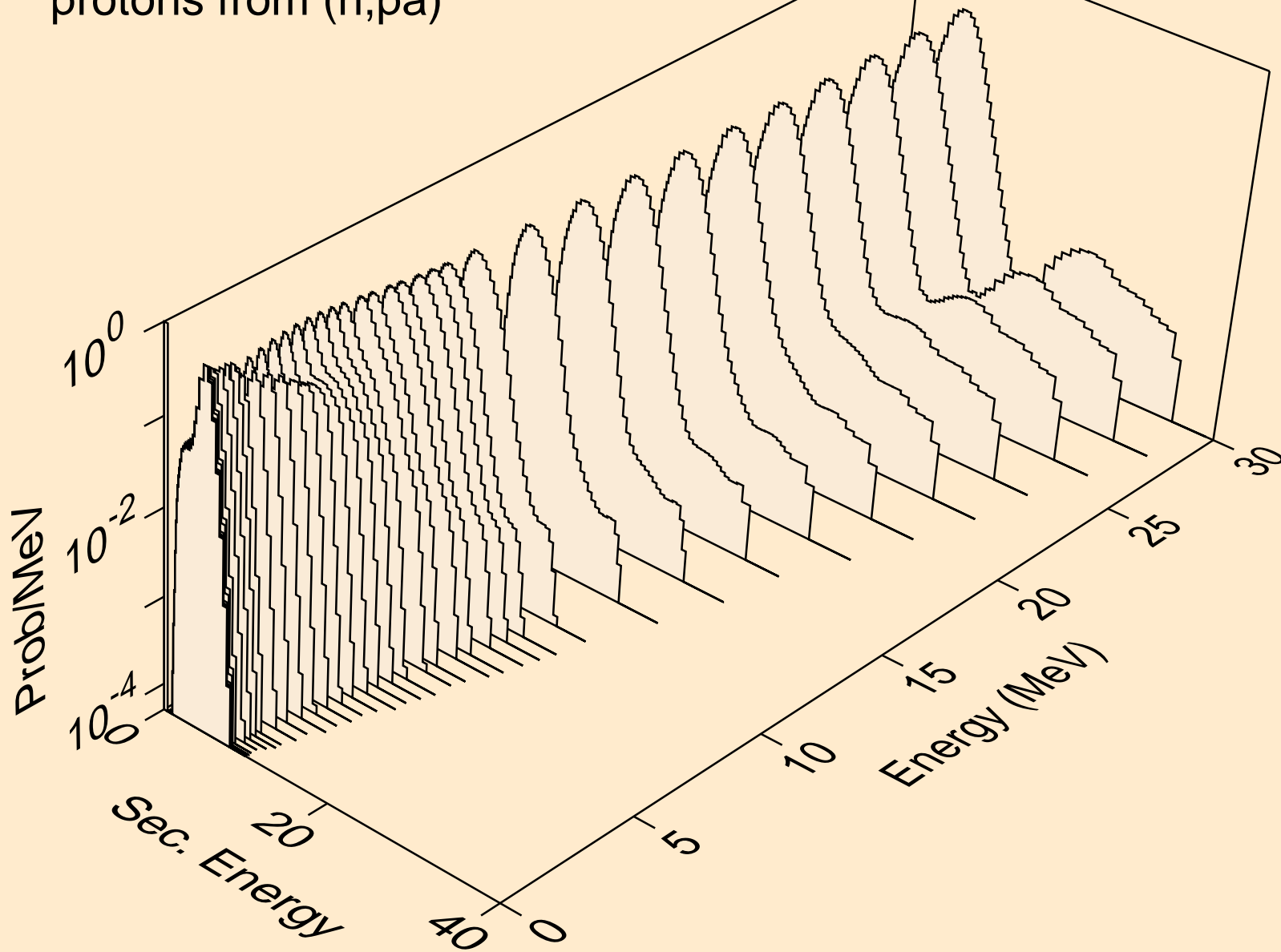
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



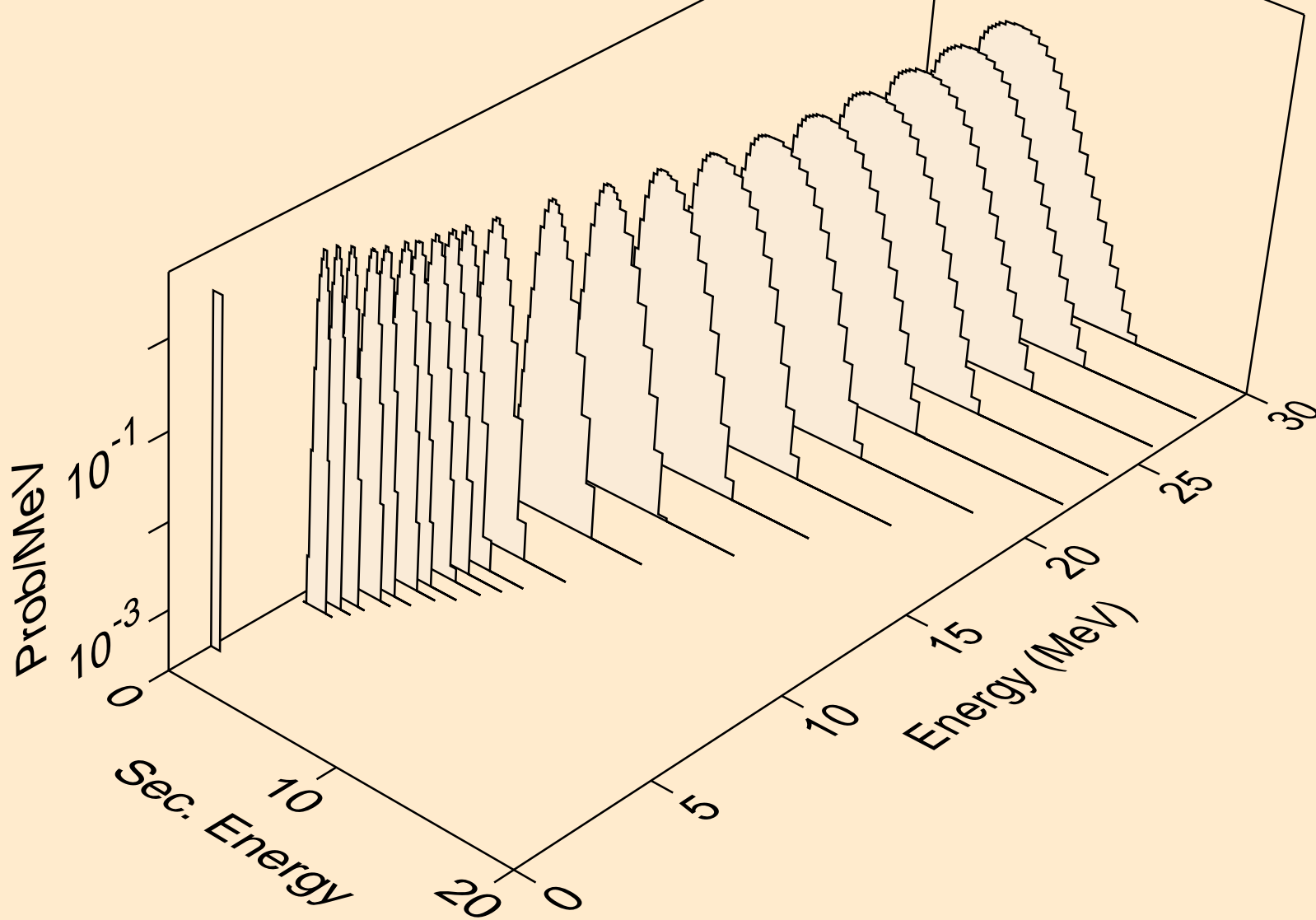
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



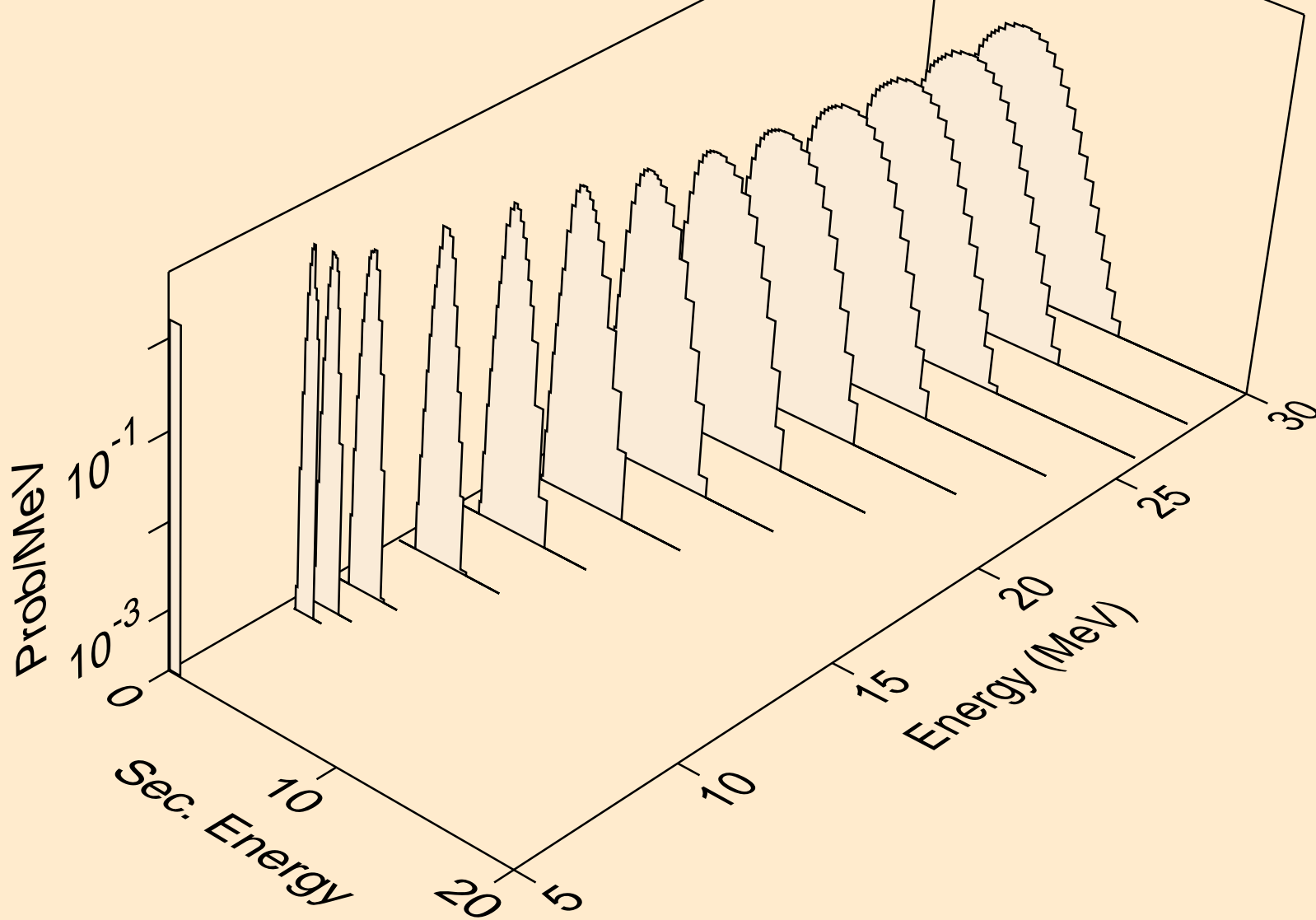
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



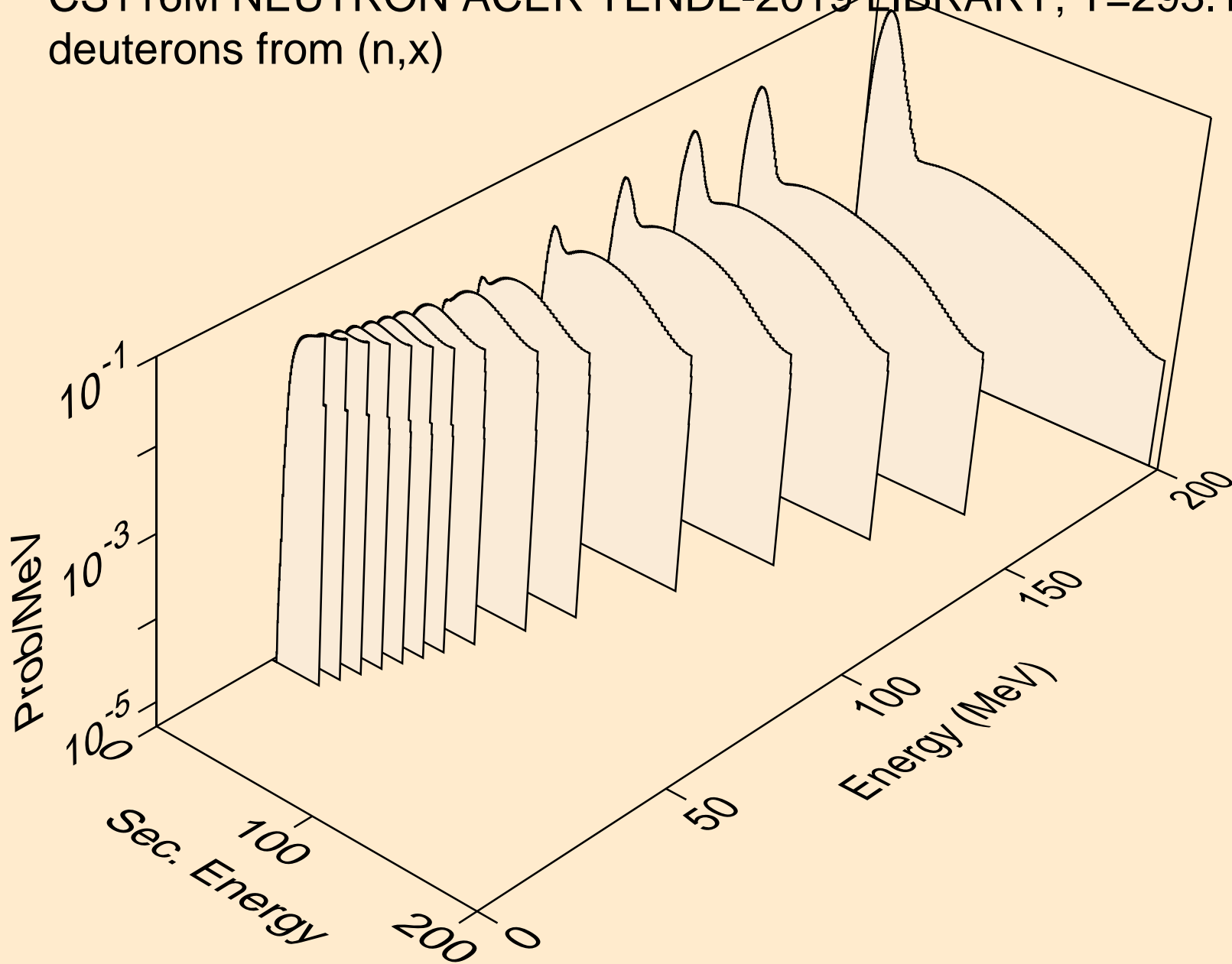
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



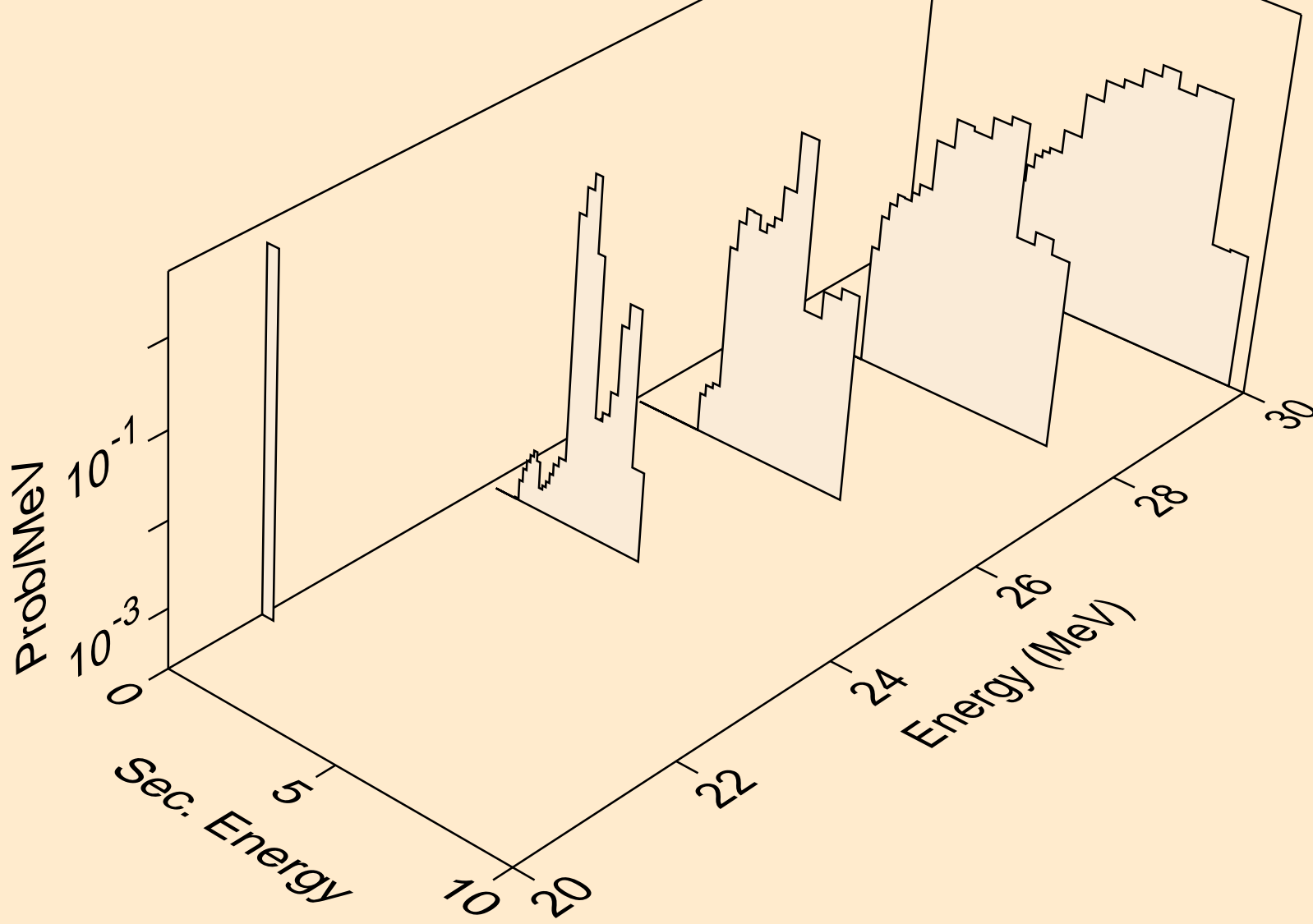
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



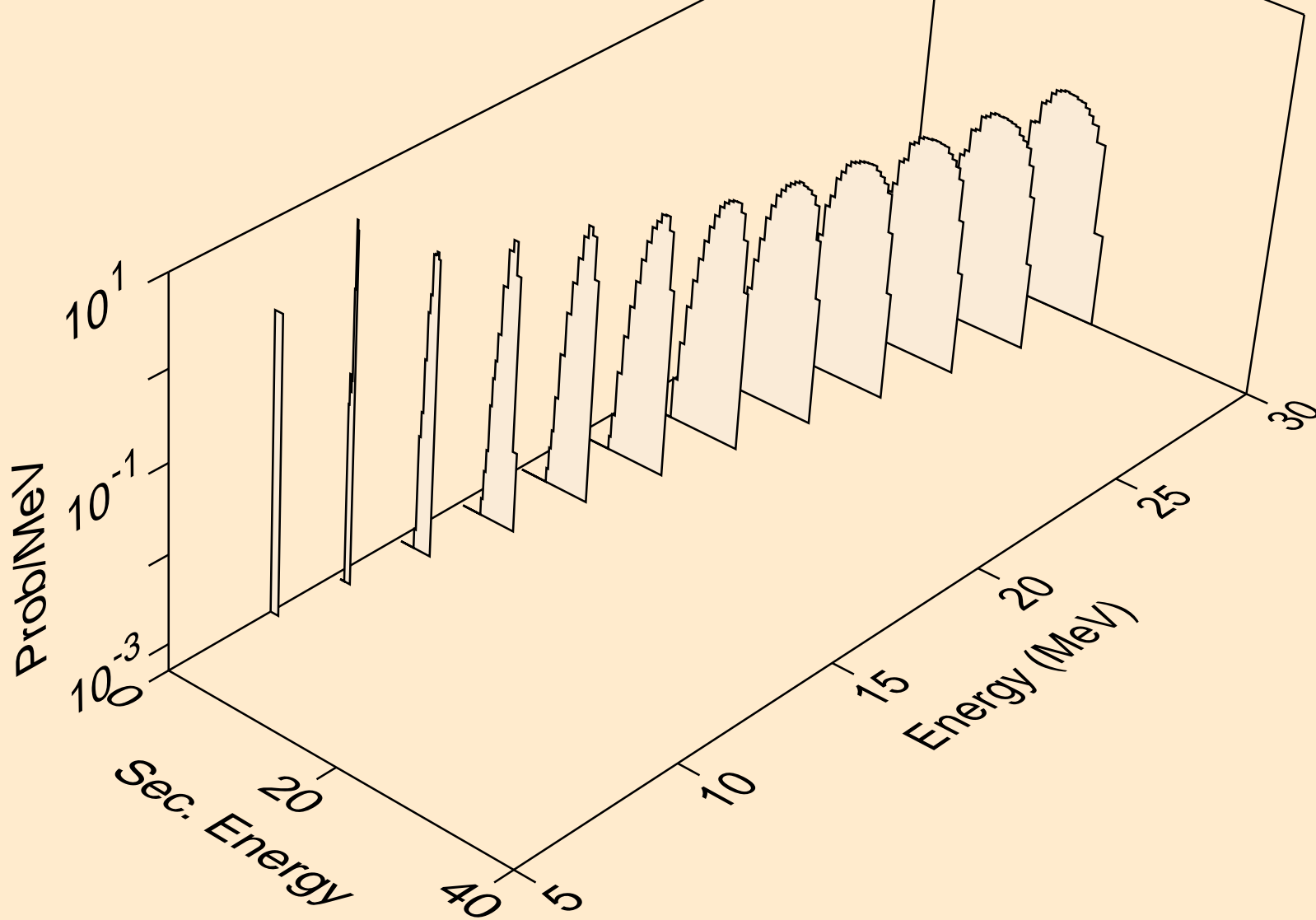
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)

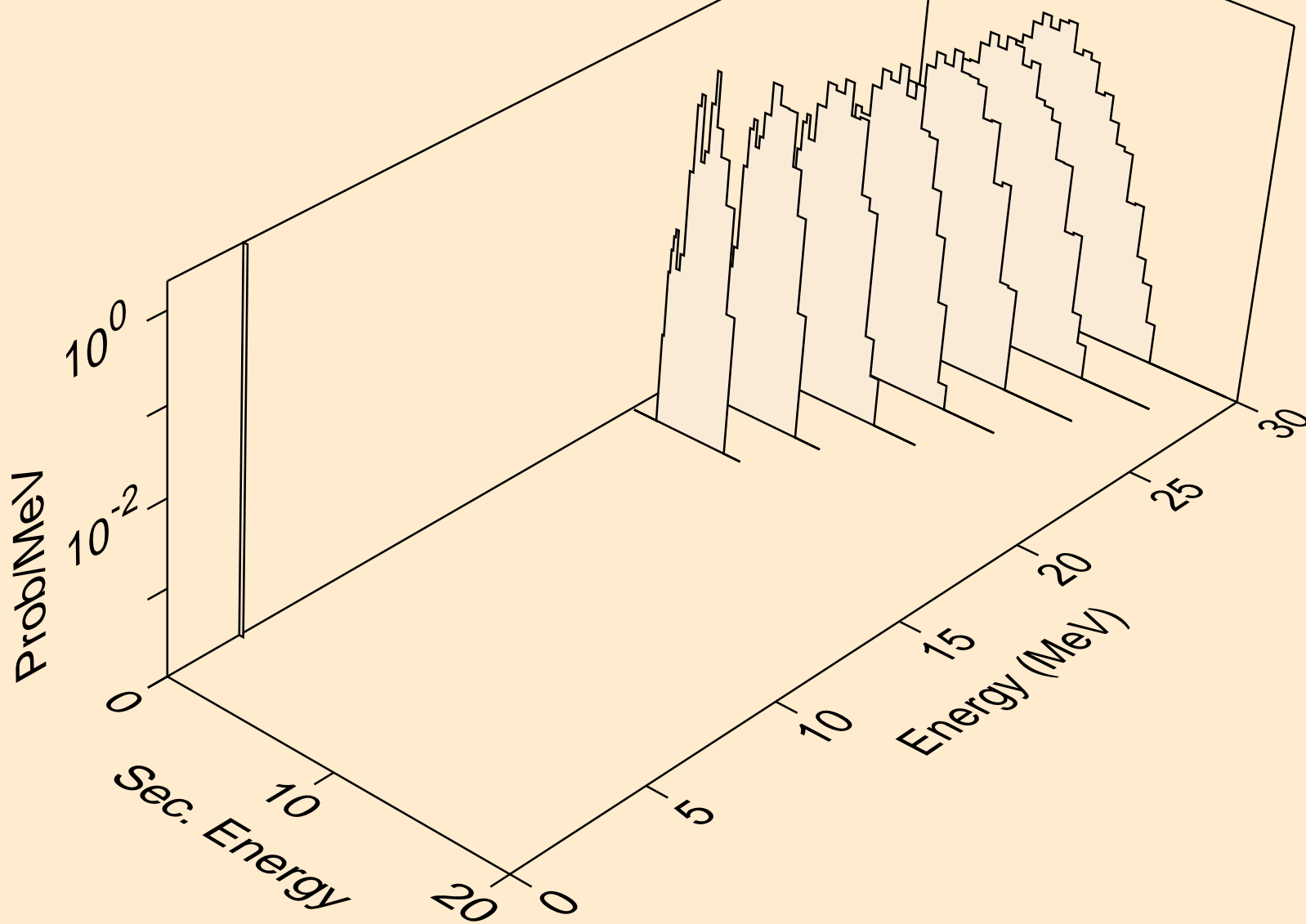


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d

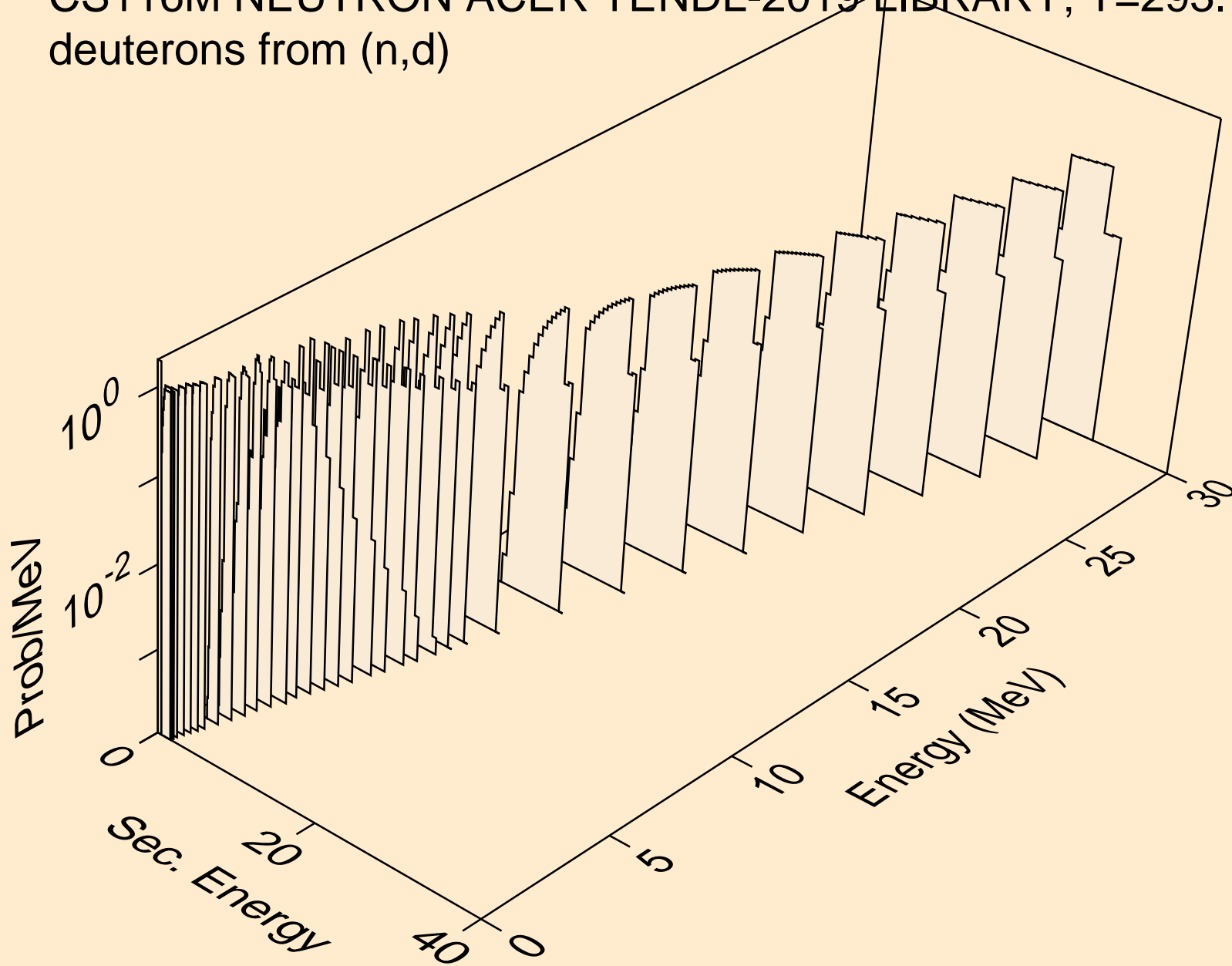




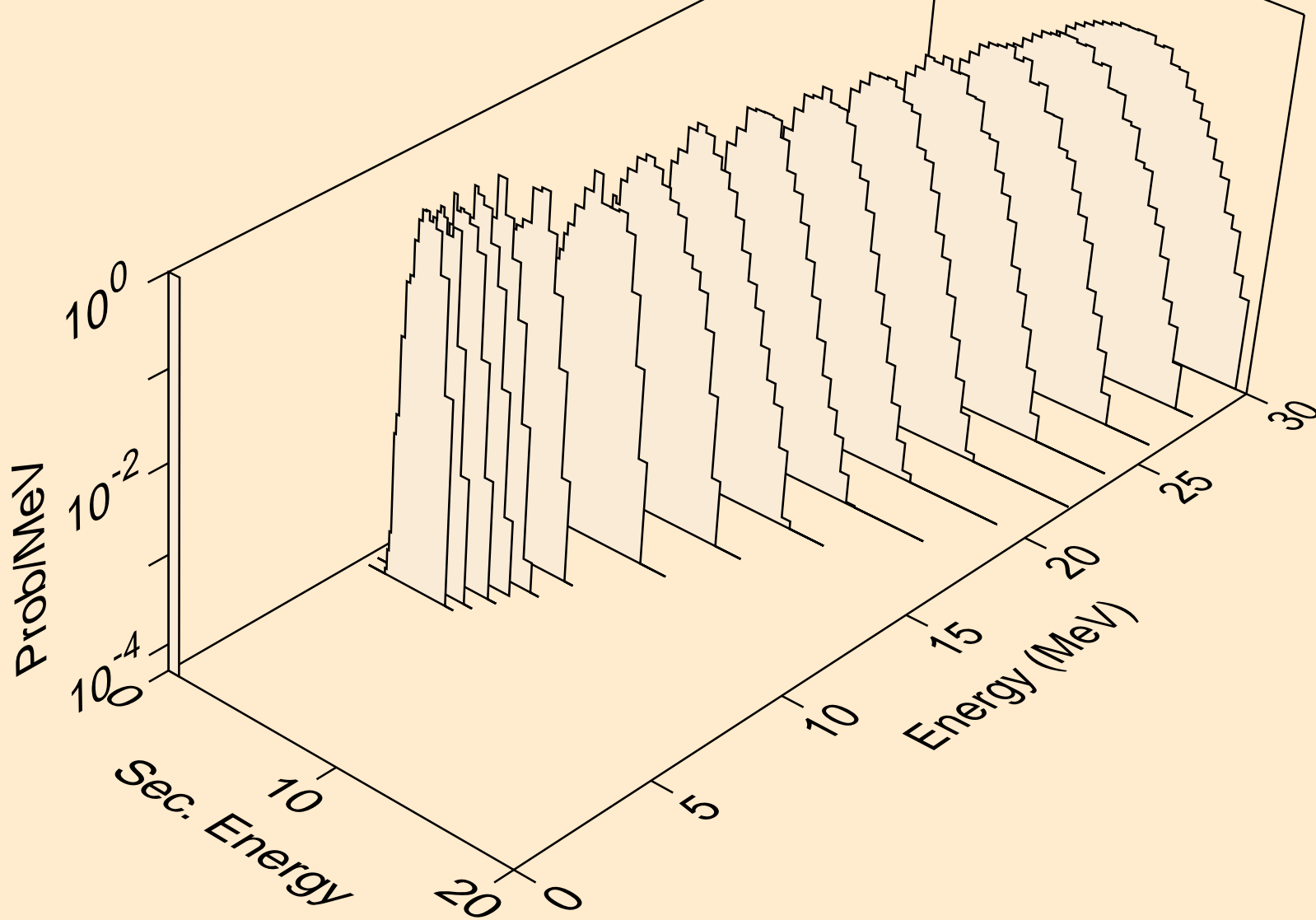
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d2a



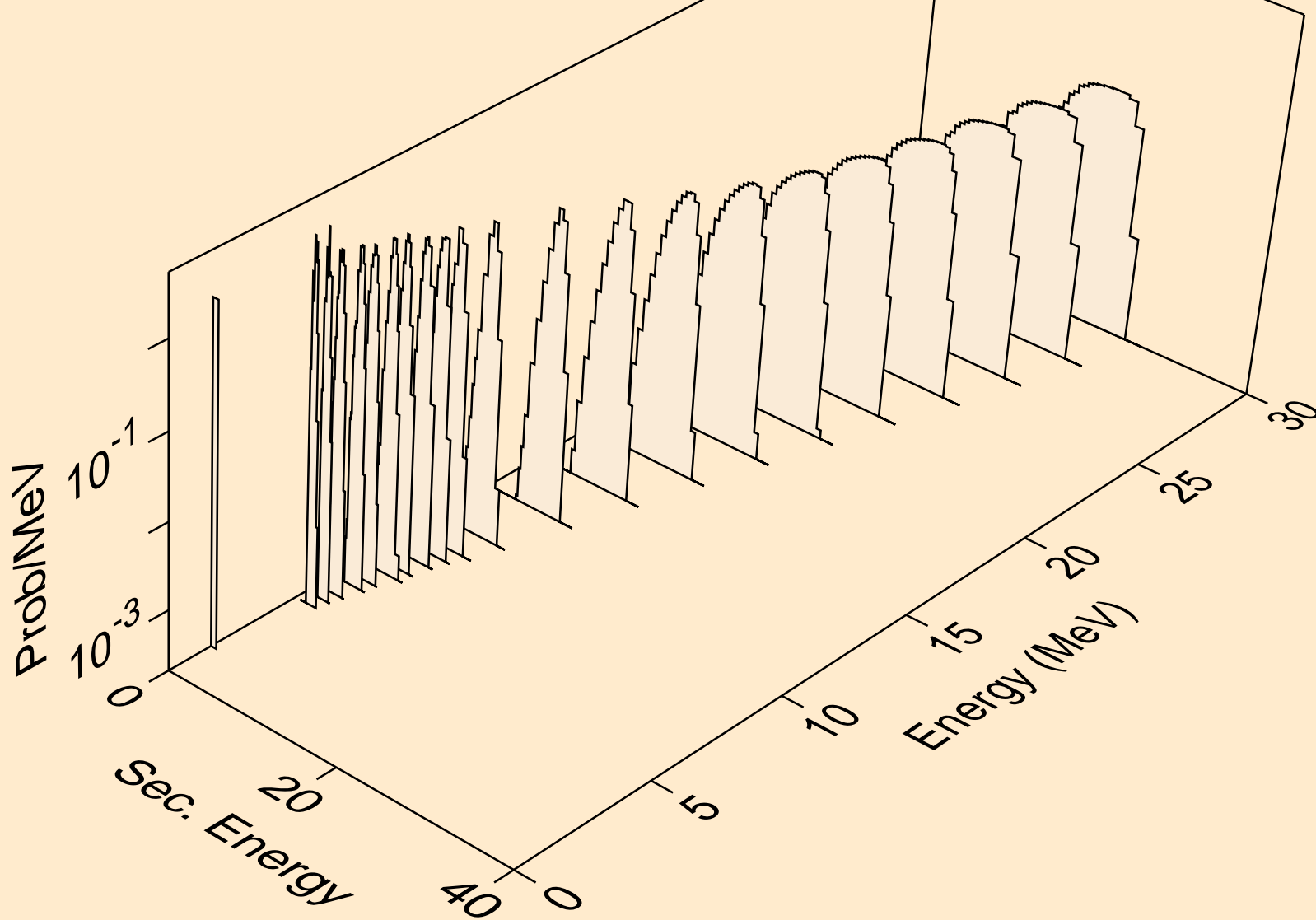
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



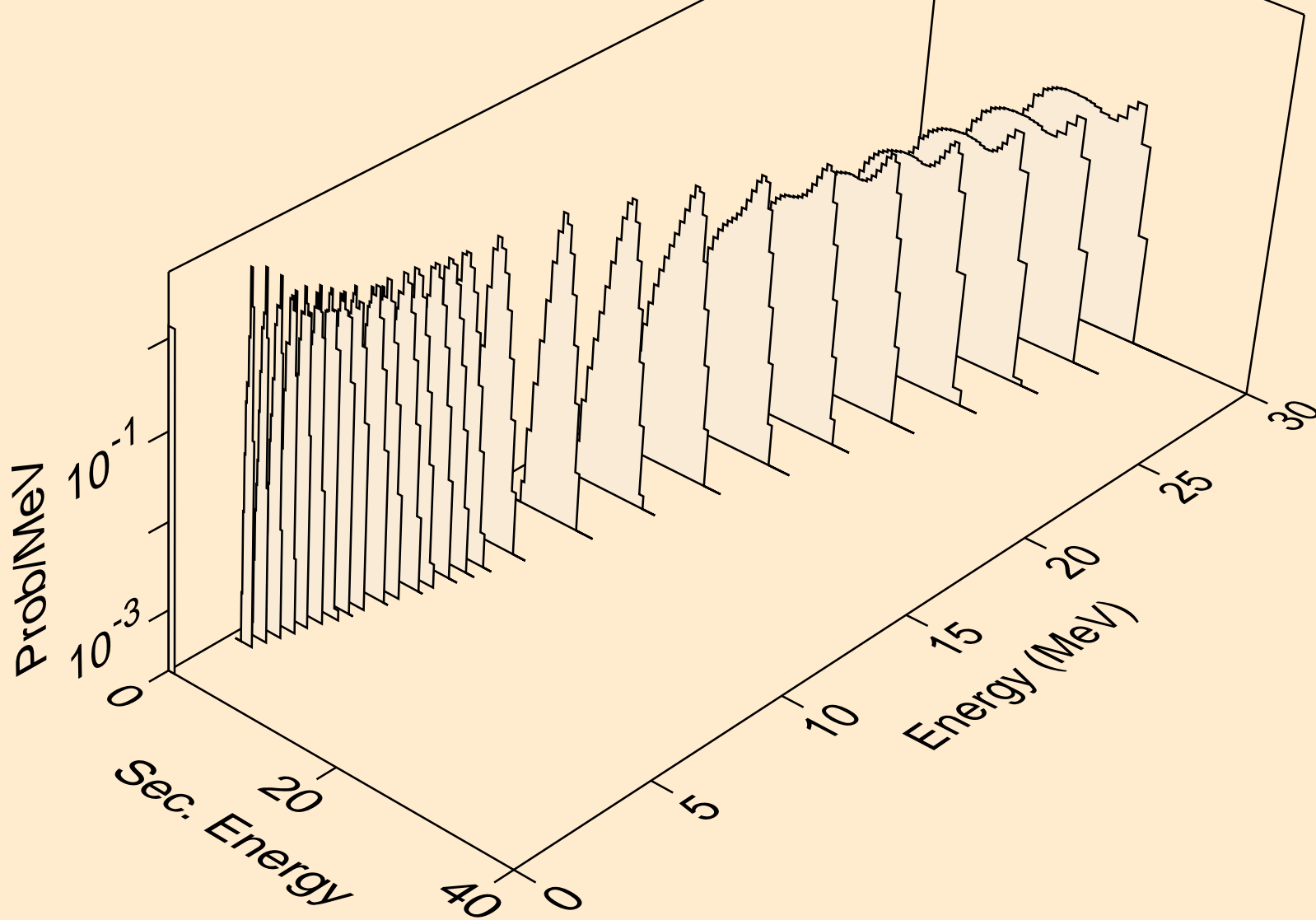
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d2a)



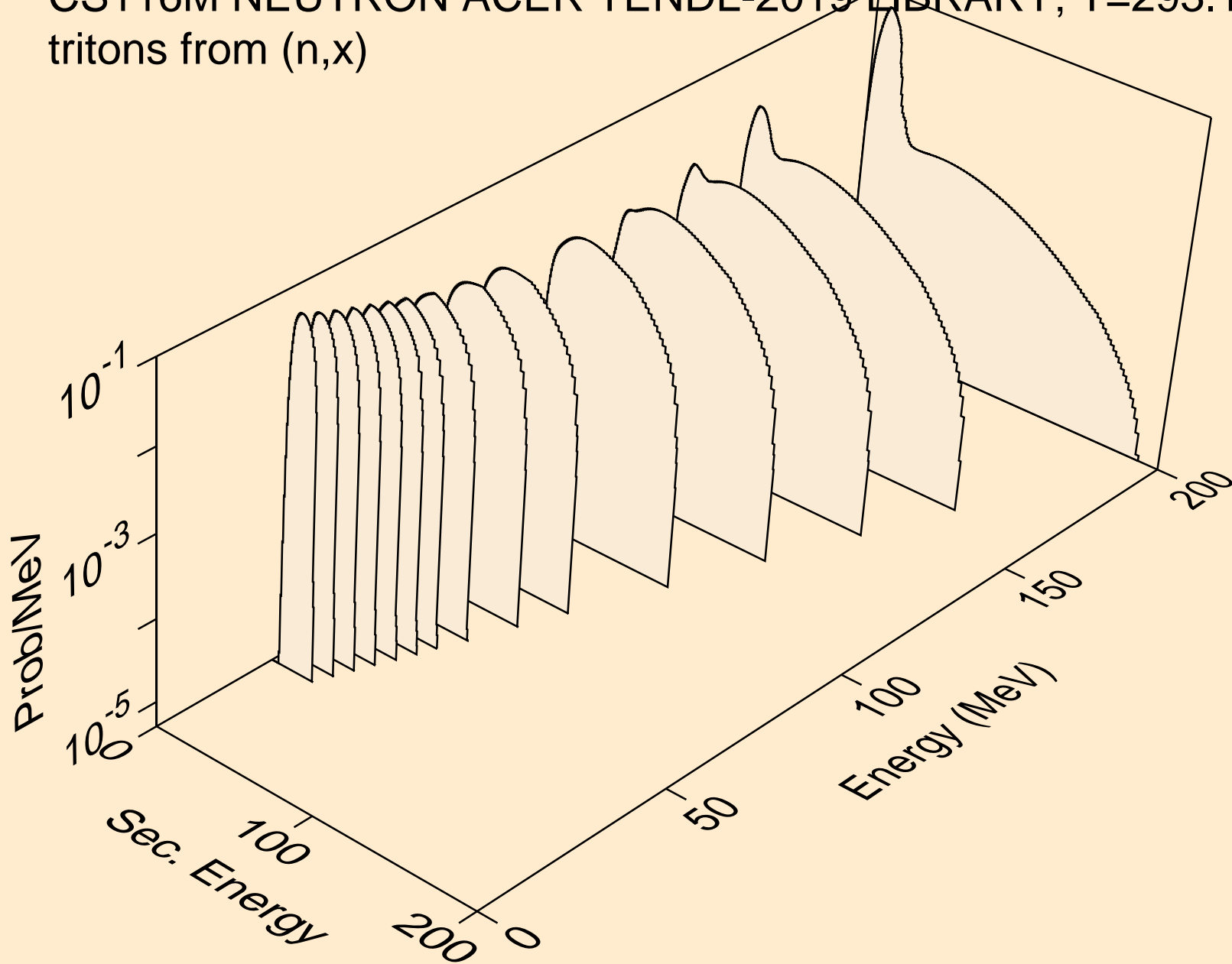
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



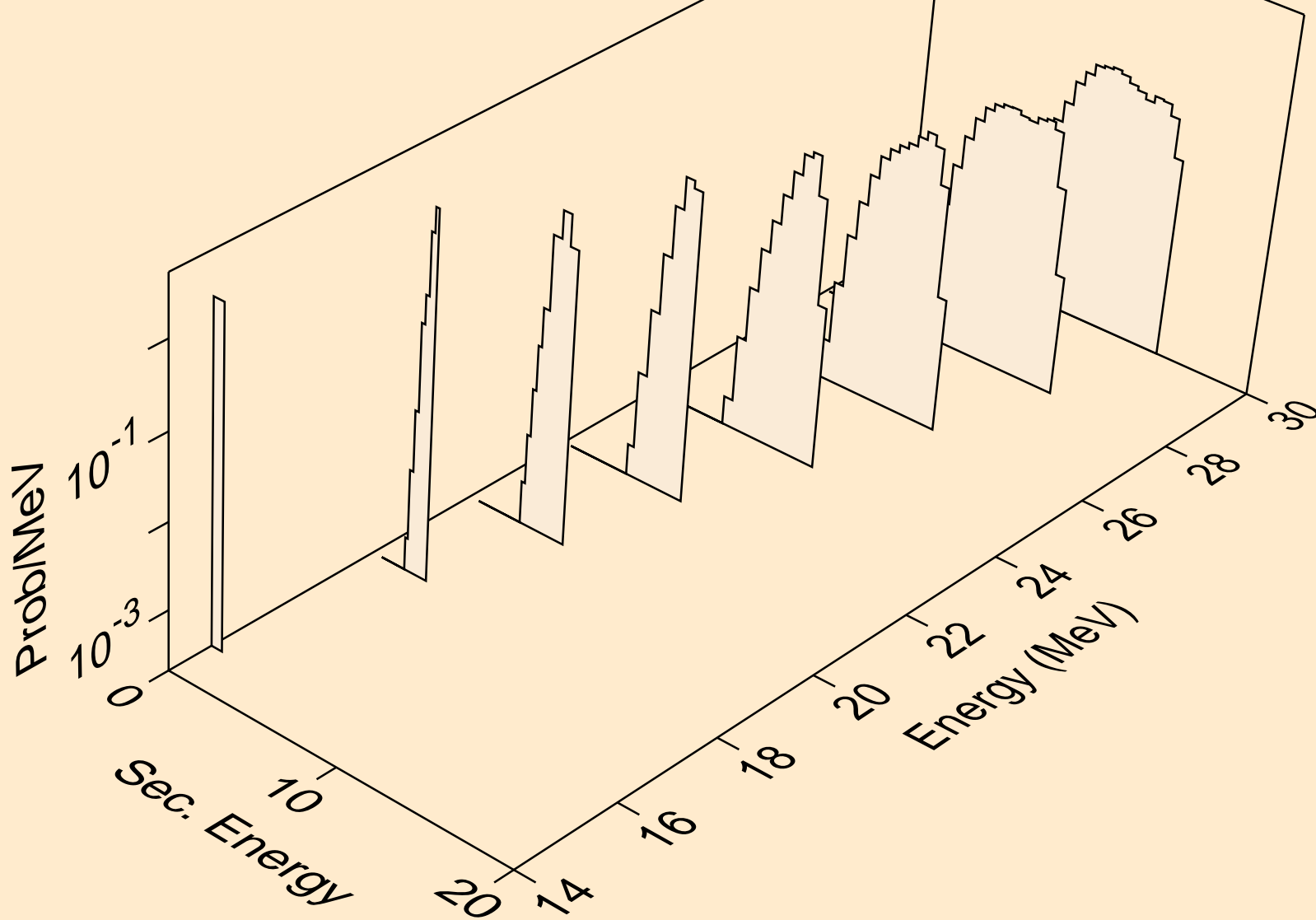
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



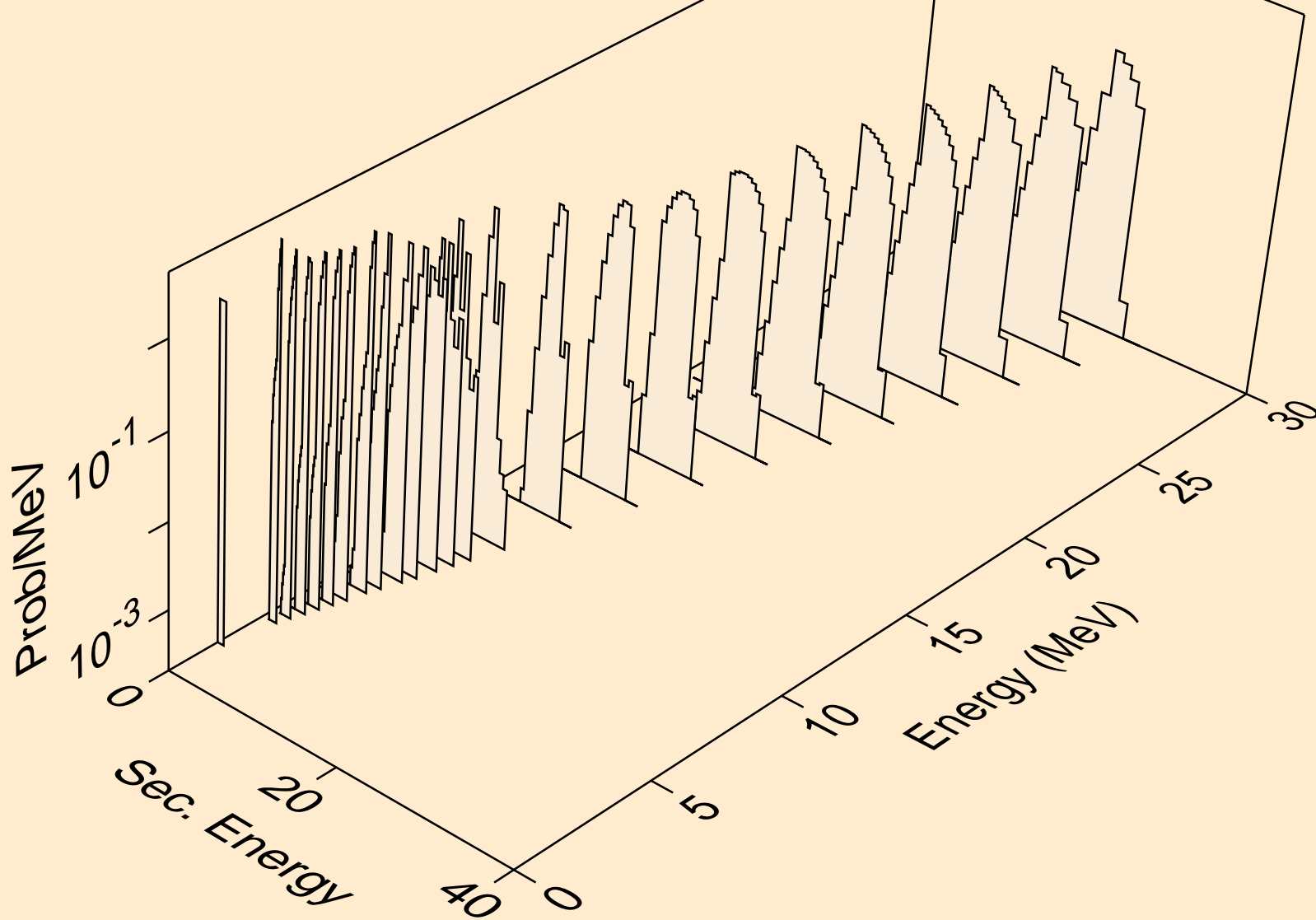
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

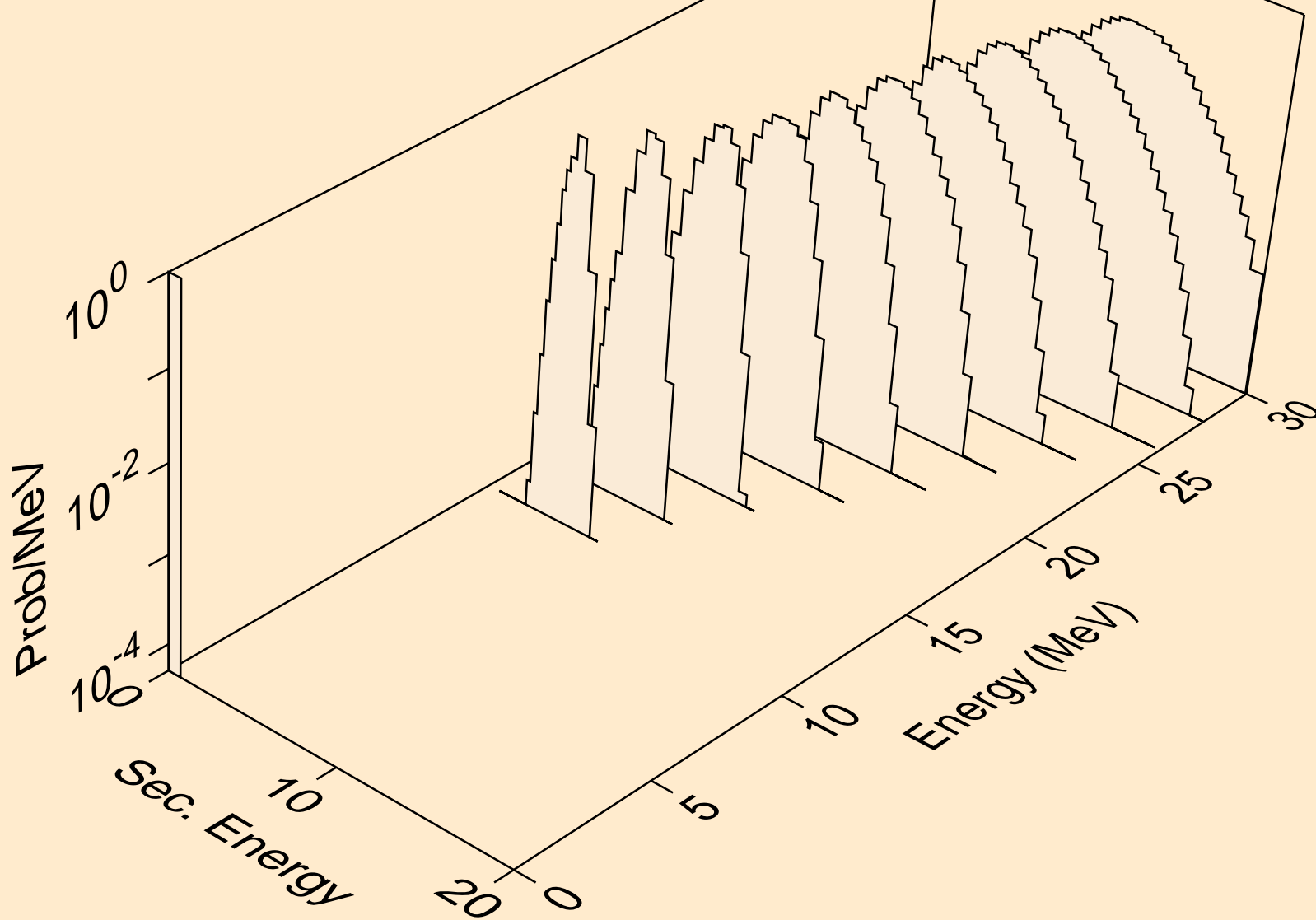


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)

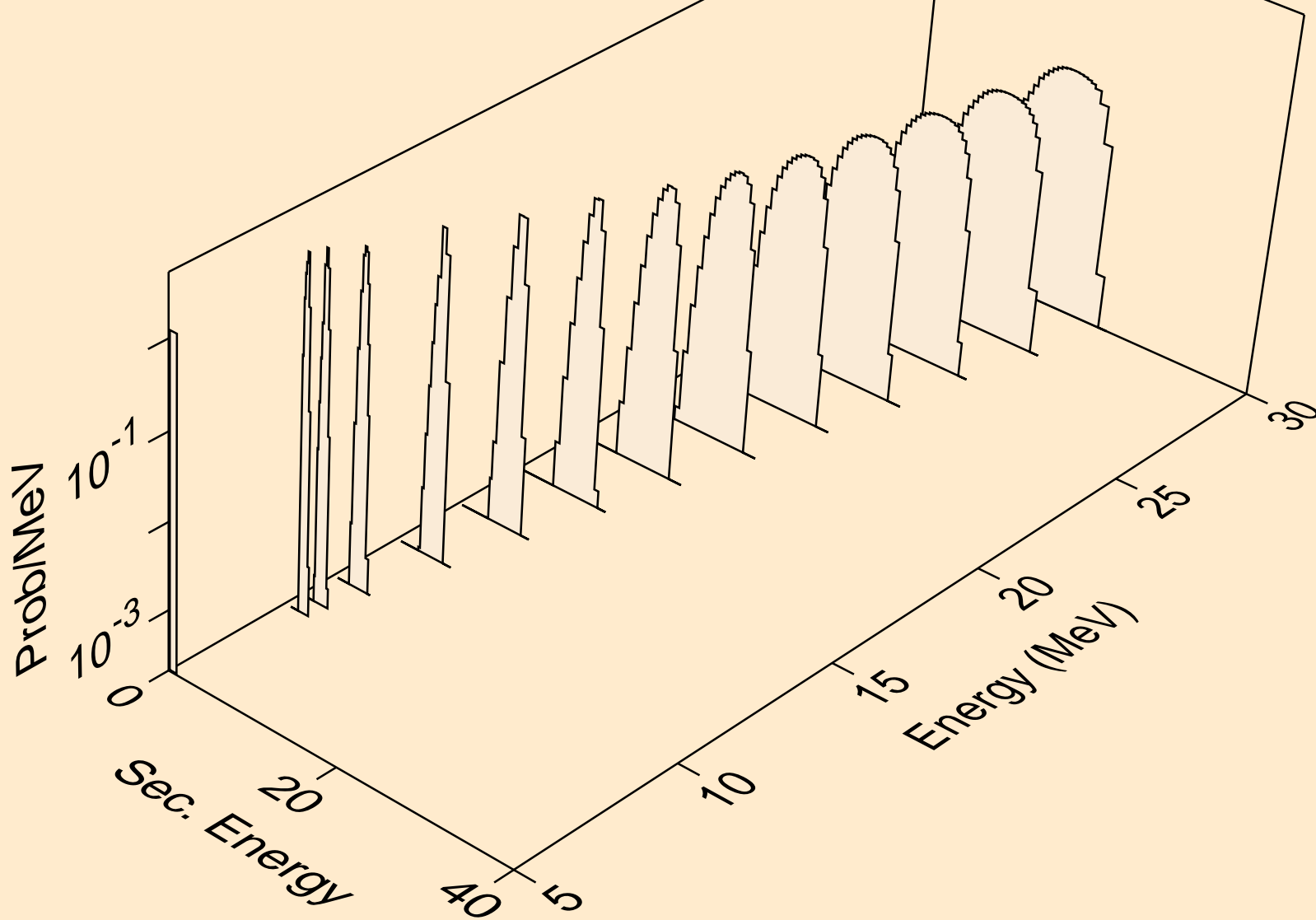




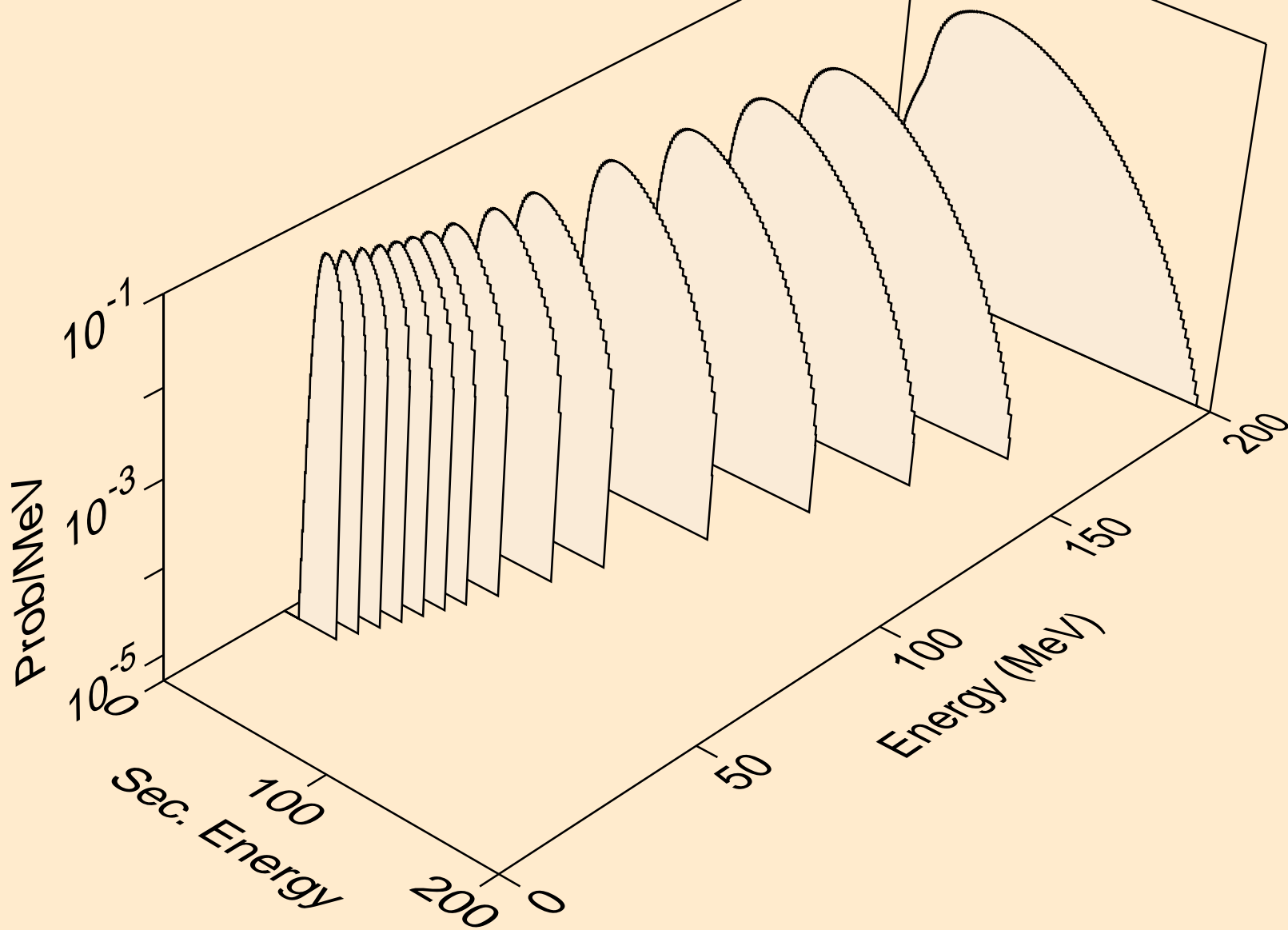
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t2a)



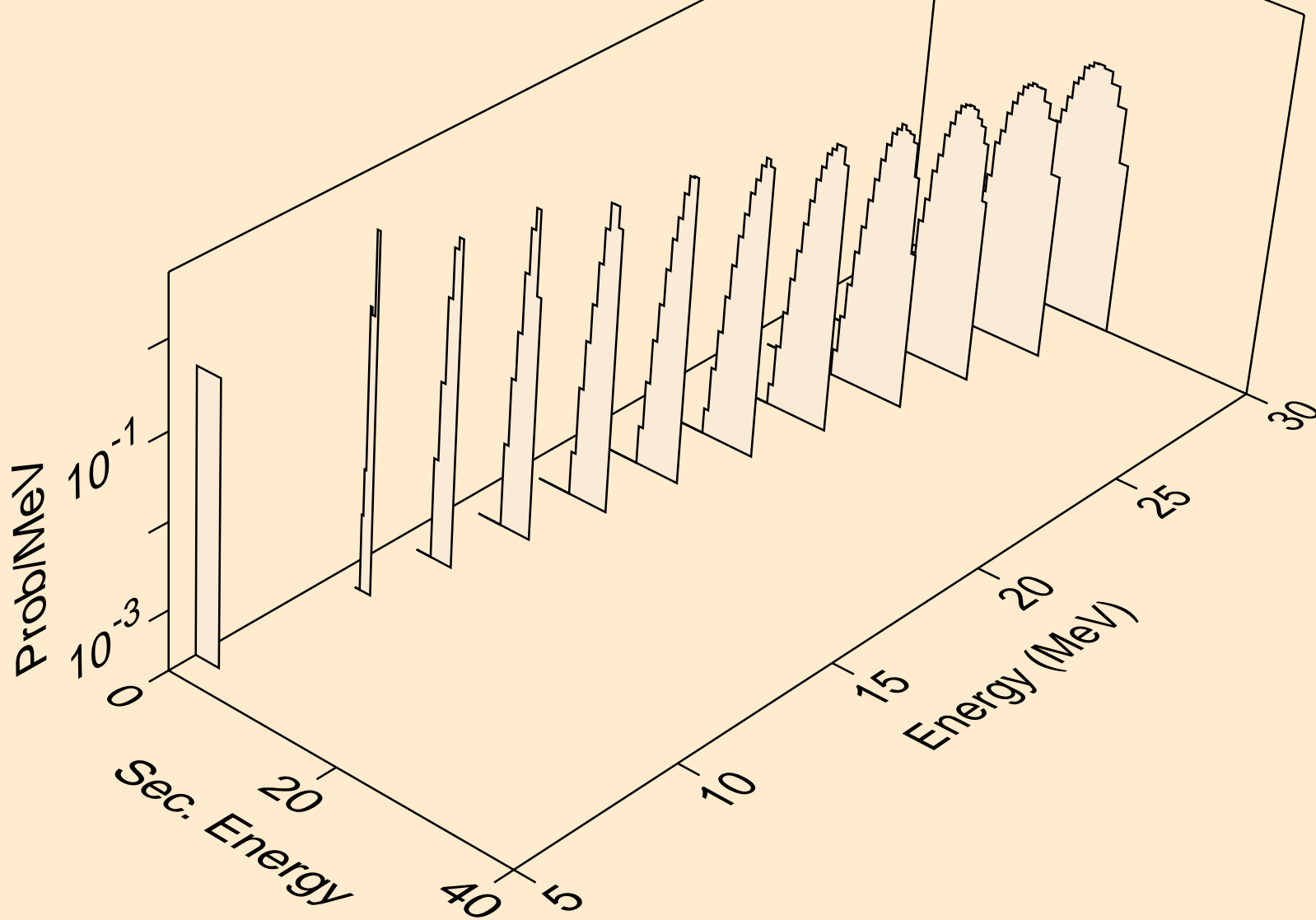
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



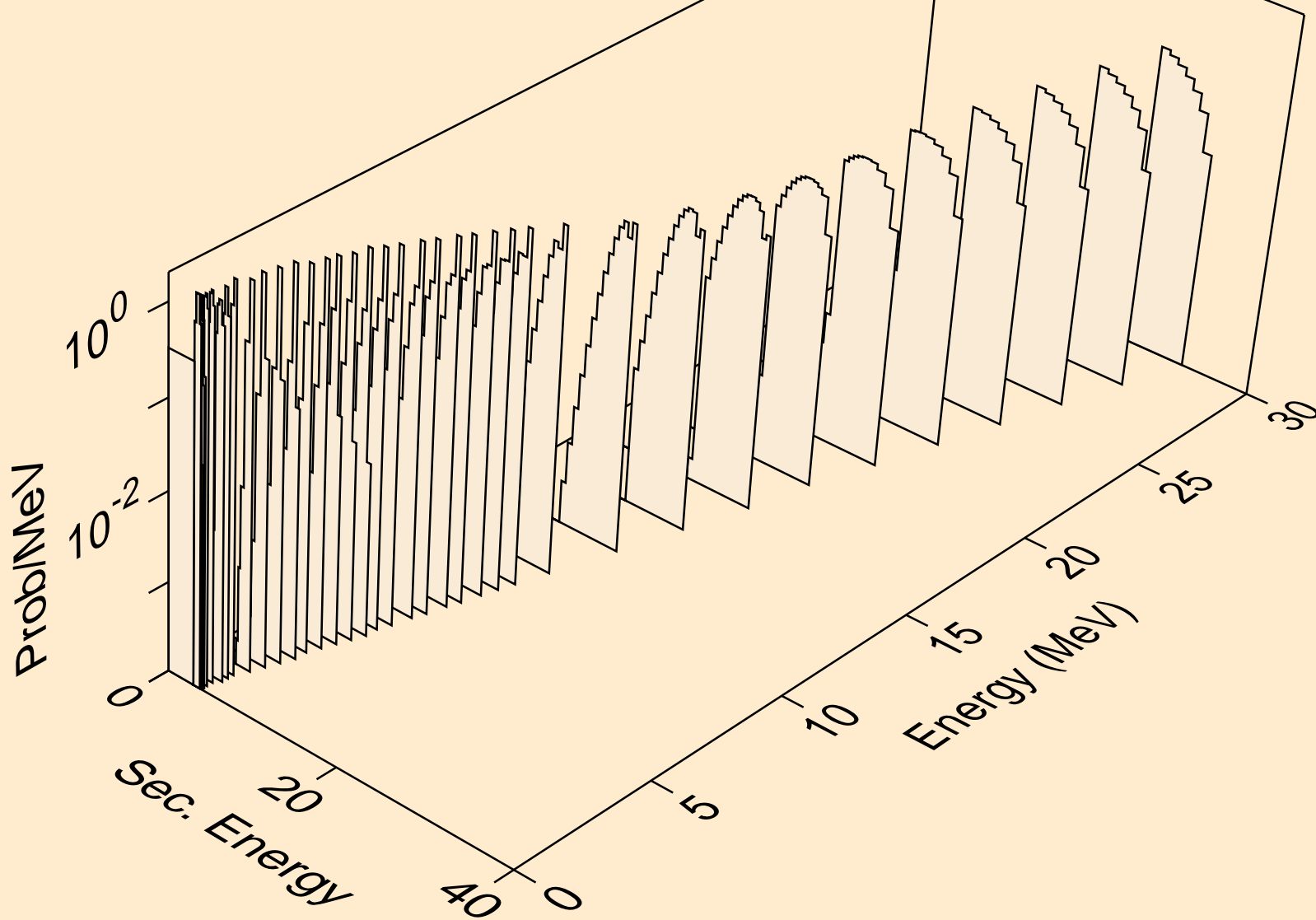
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



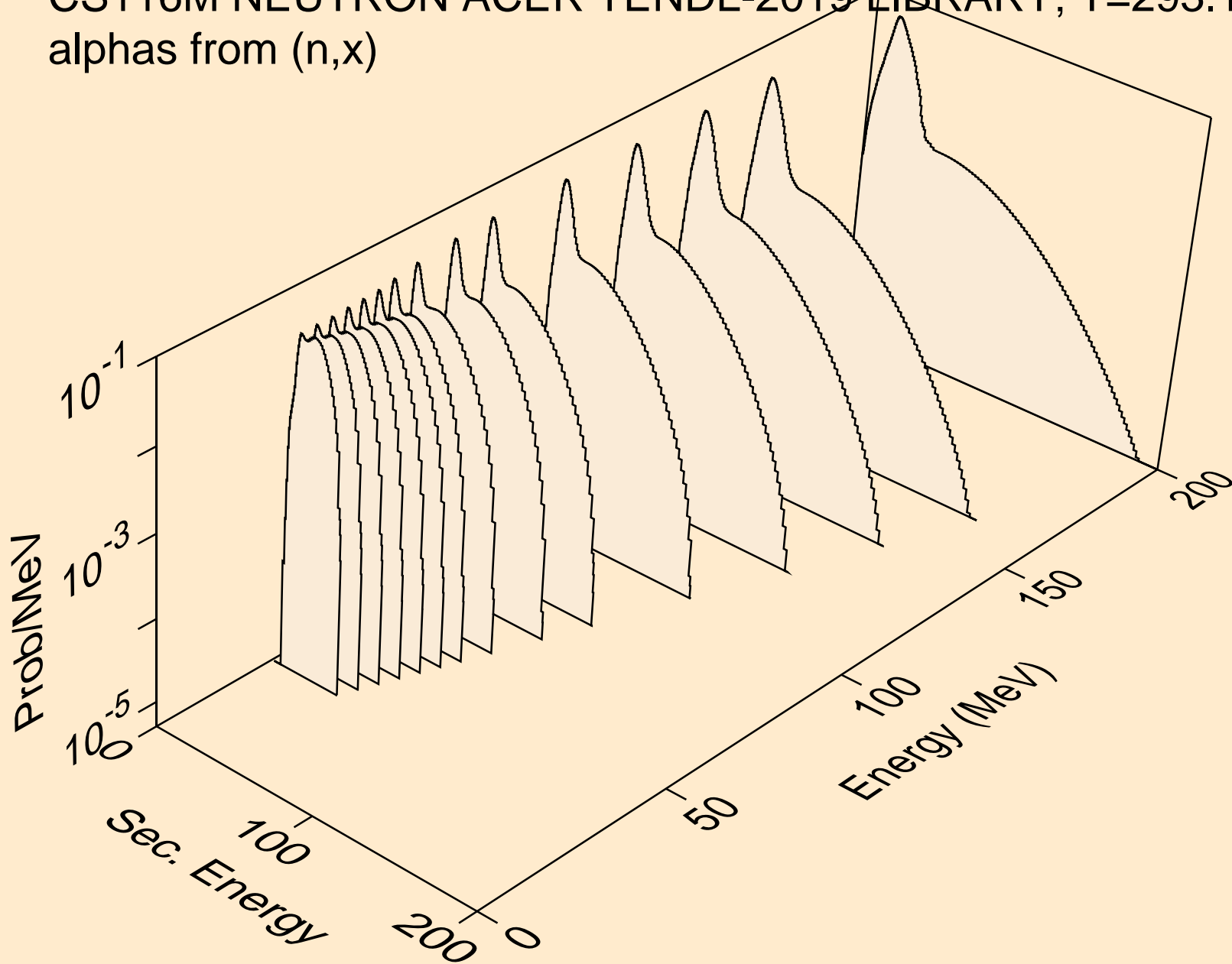
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



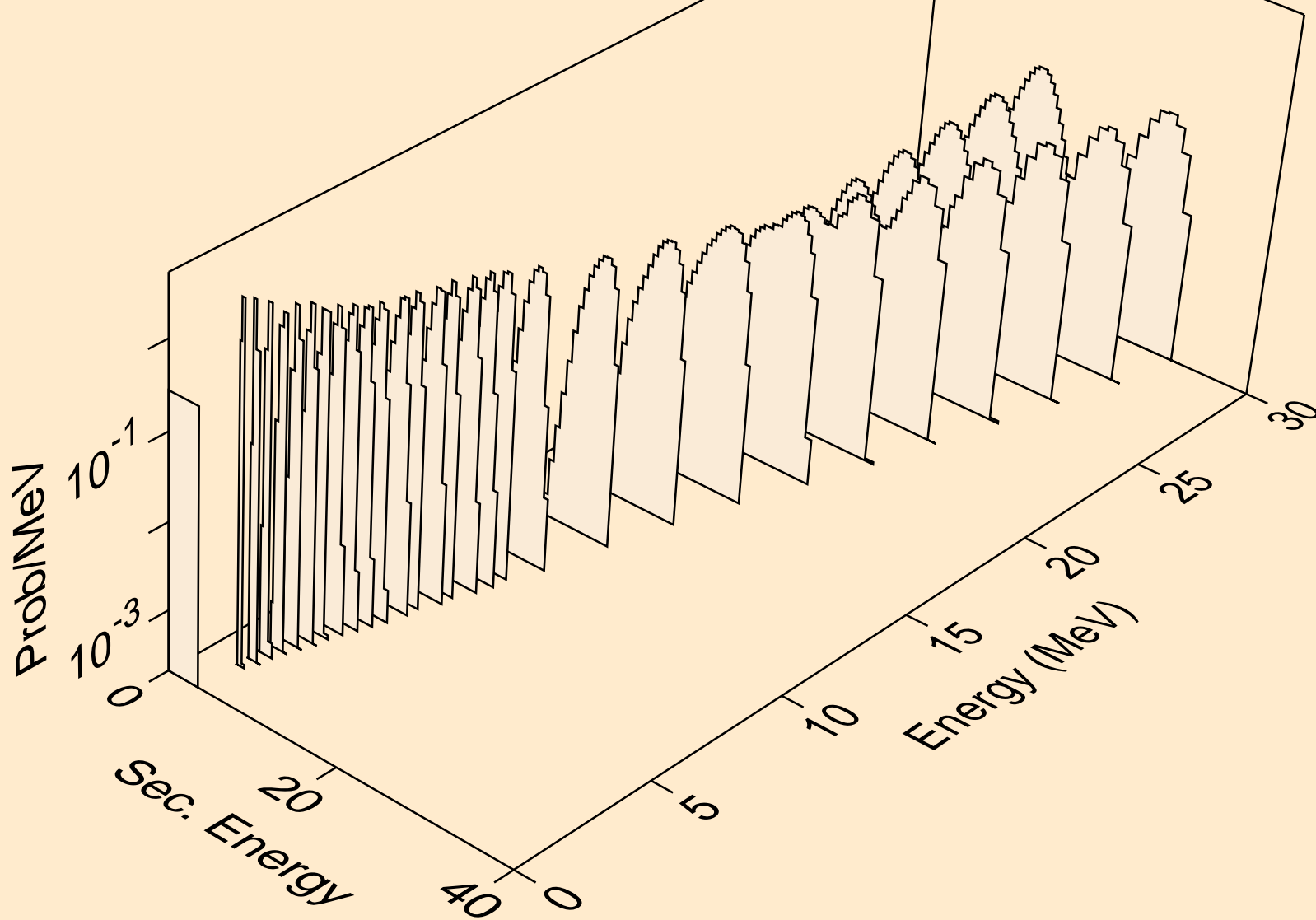
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



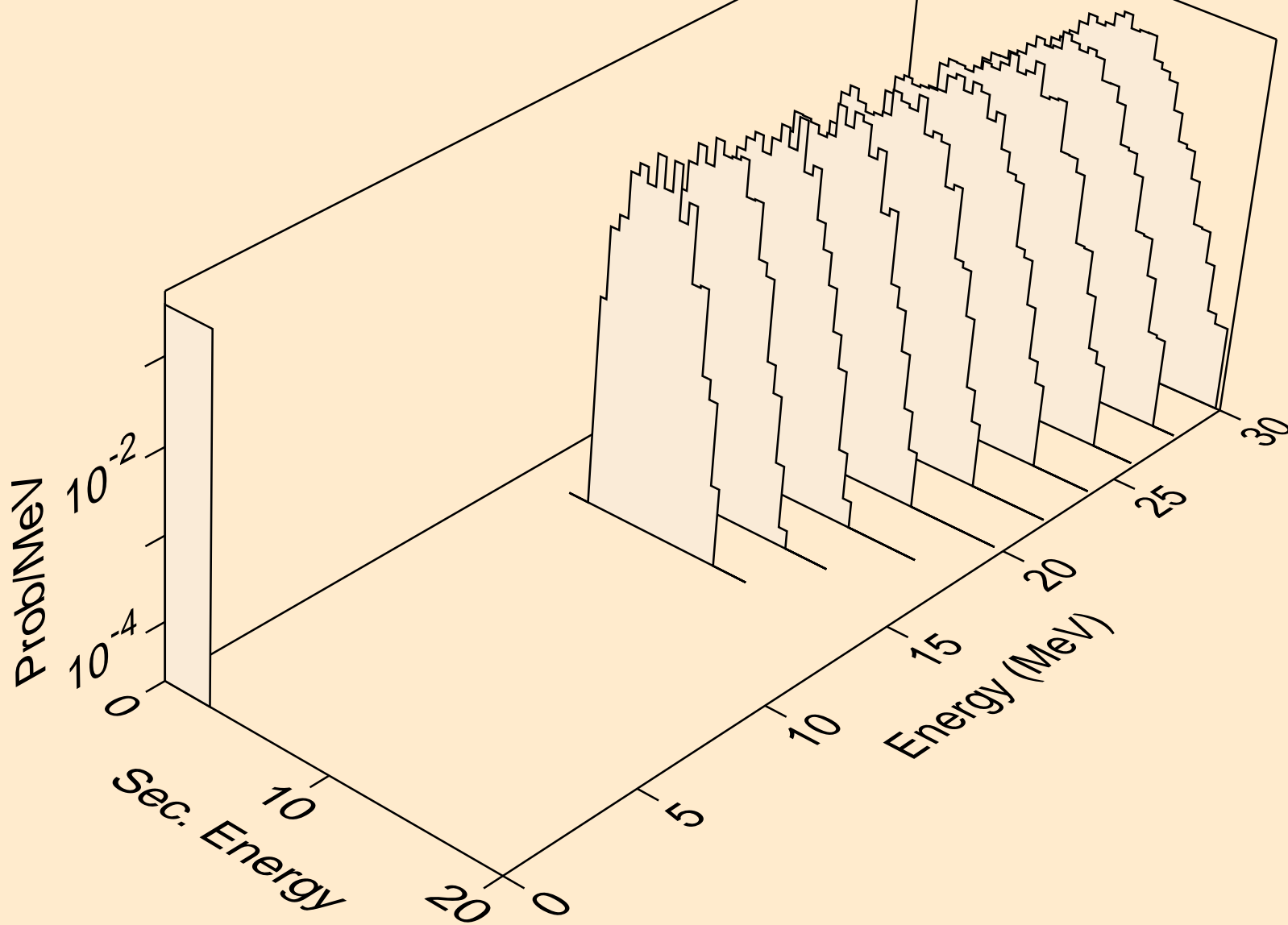
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a

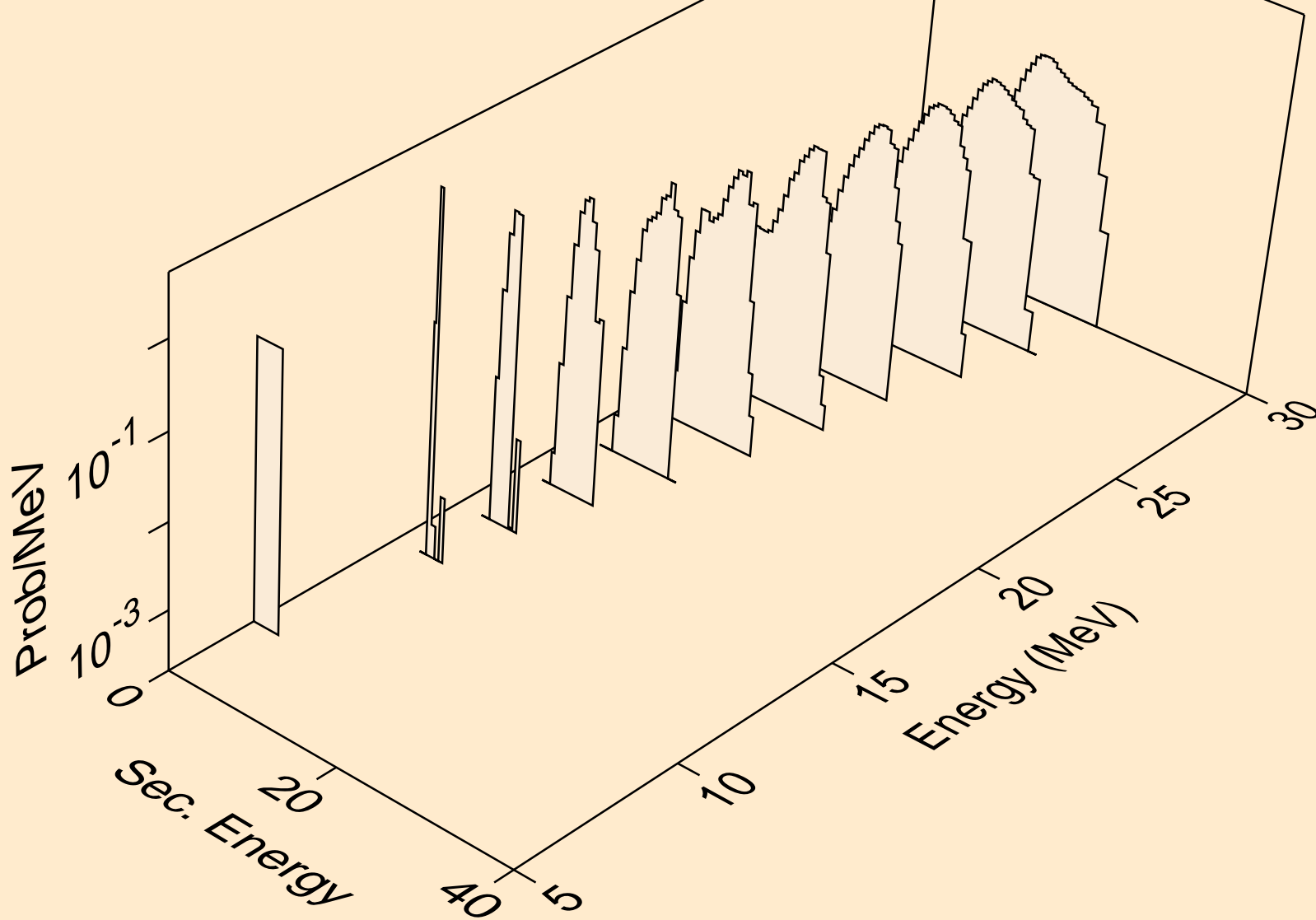


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)3a

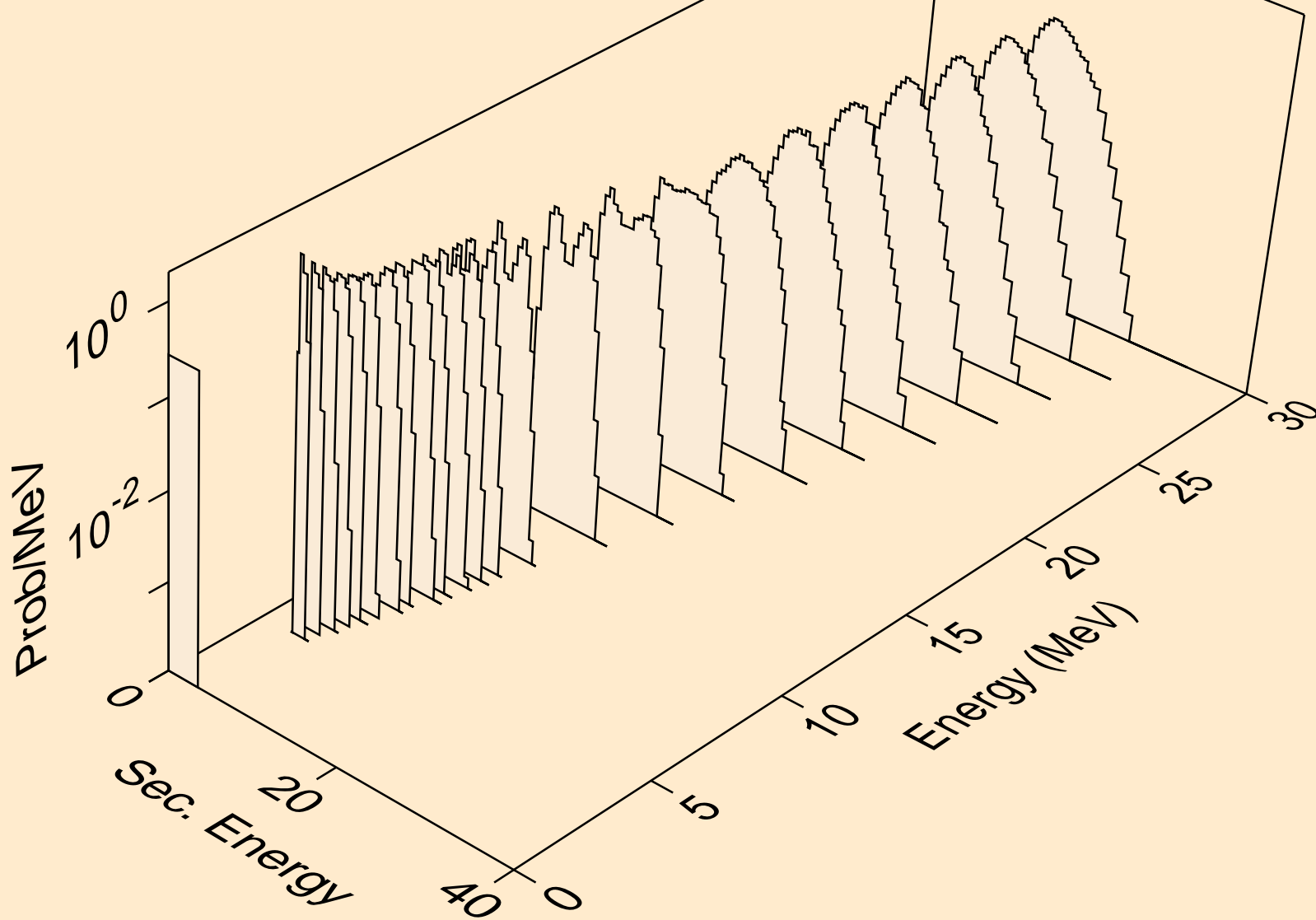




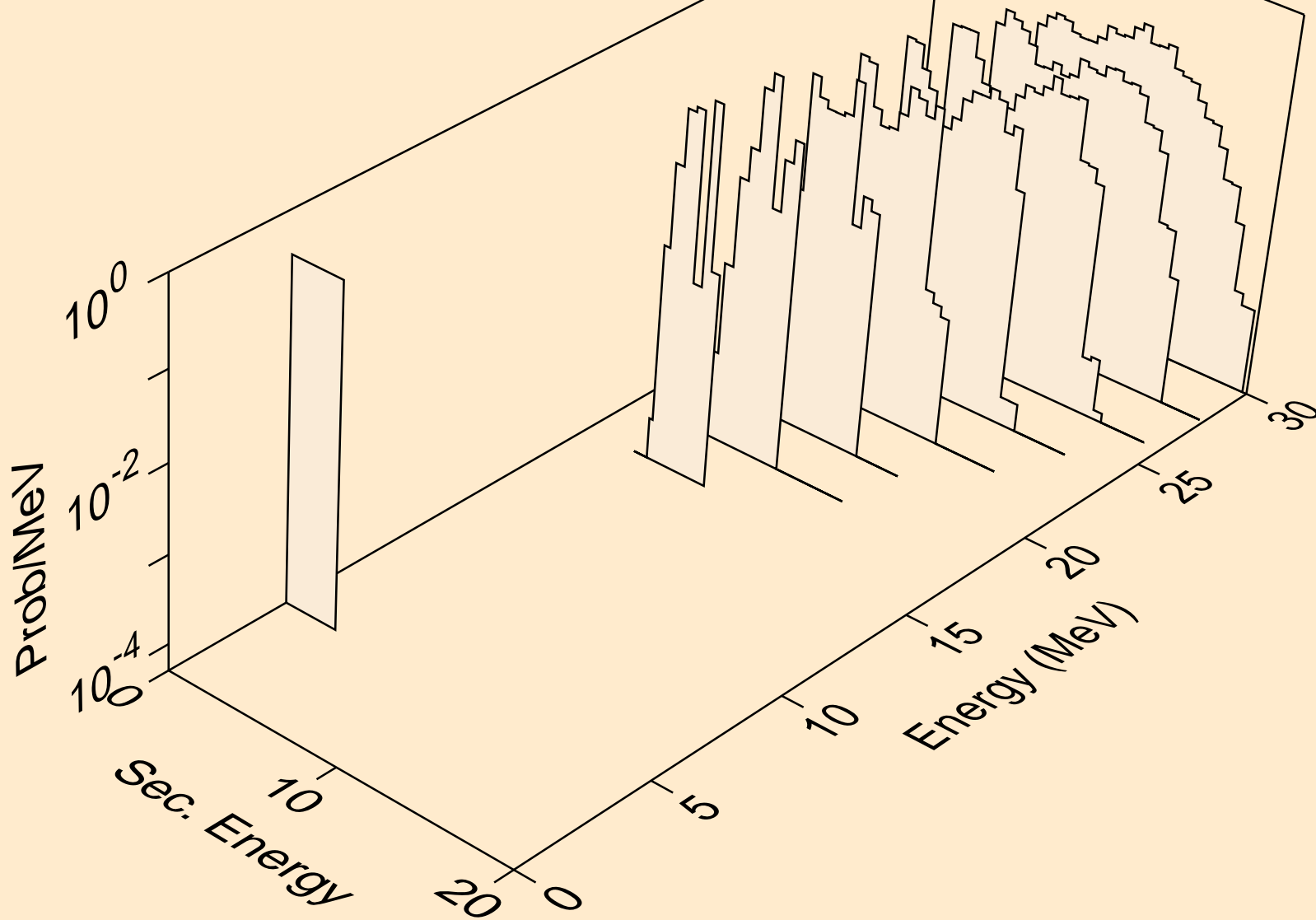
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



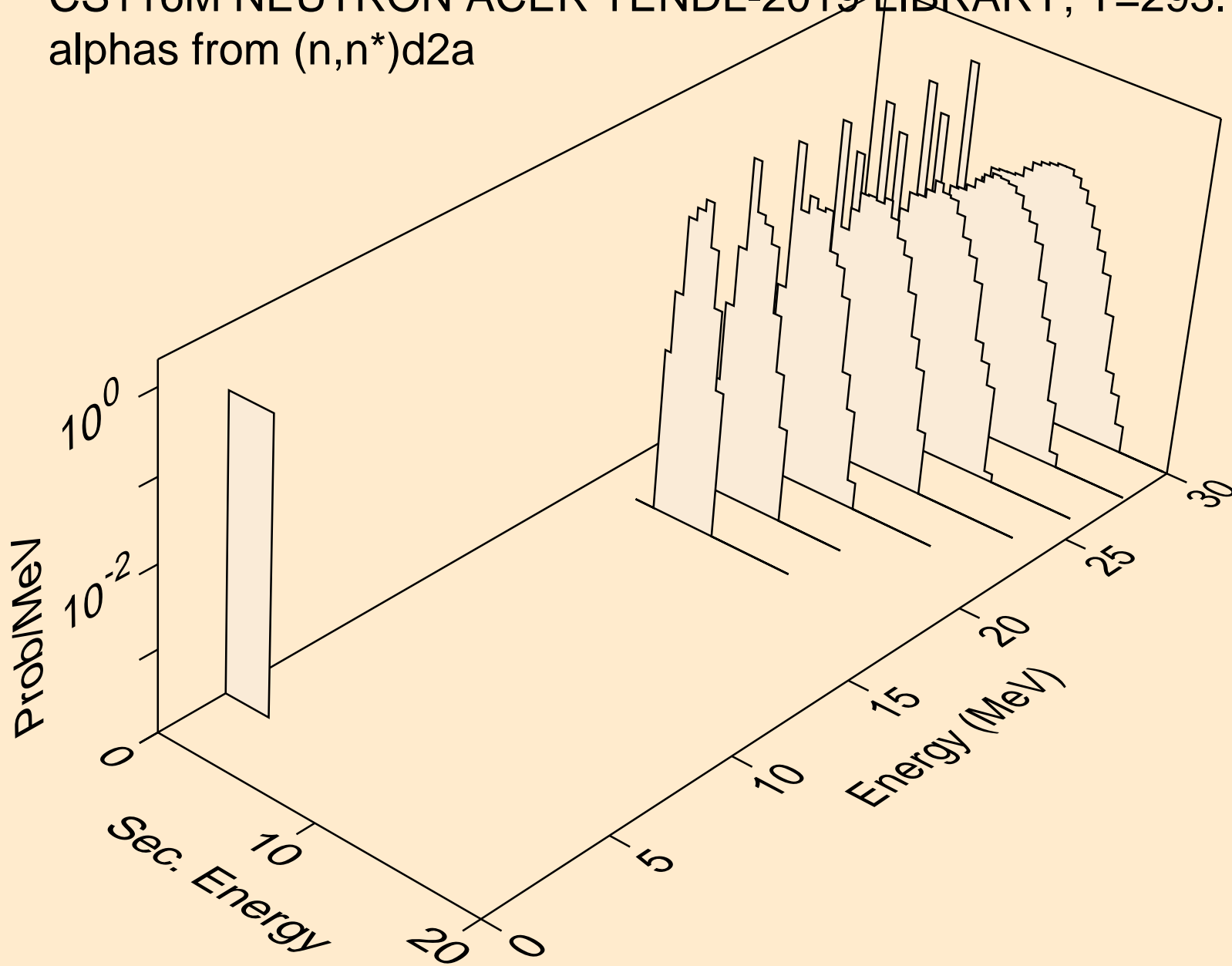
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



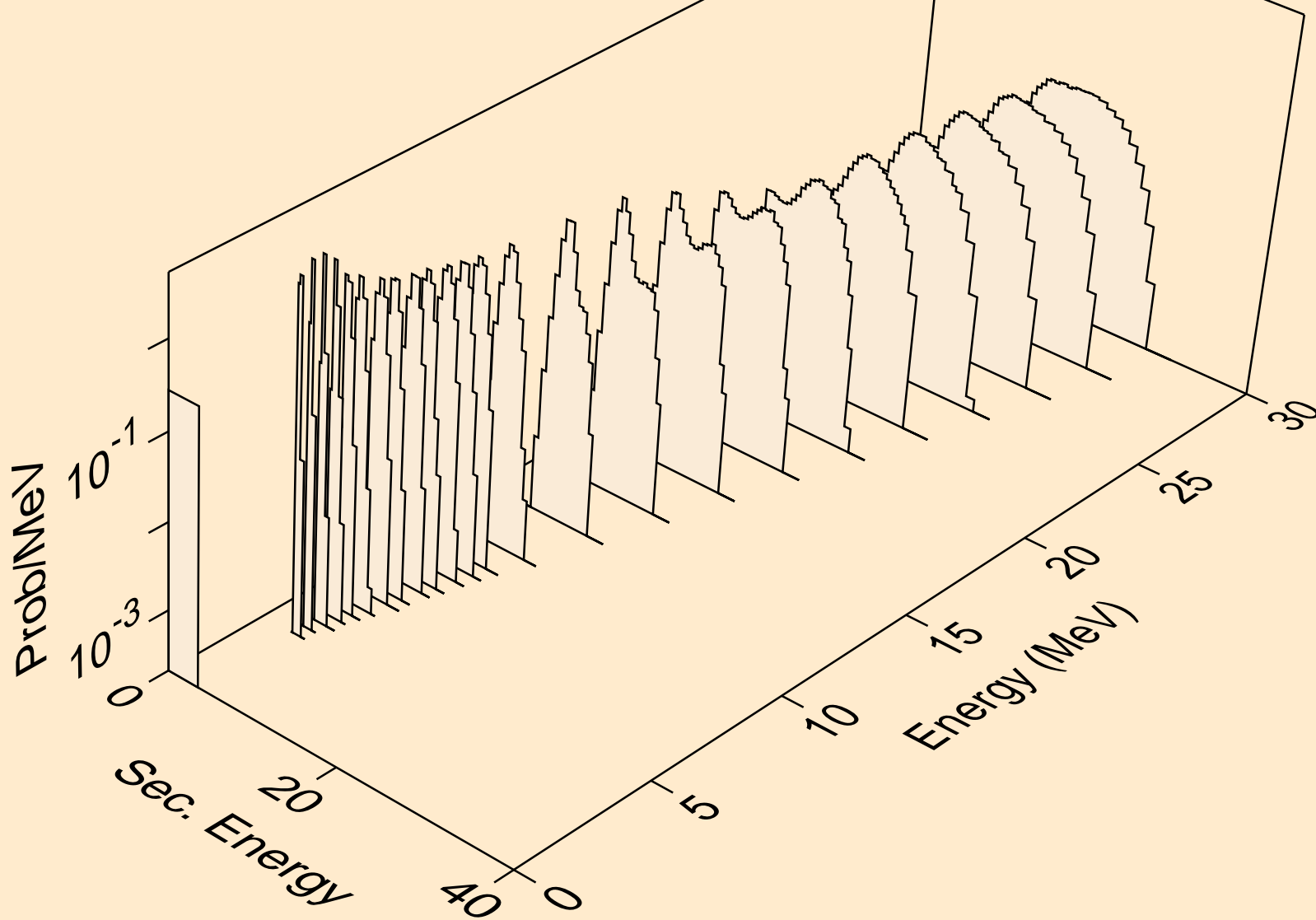
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)2a



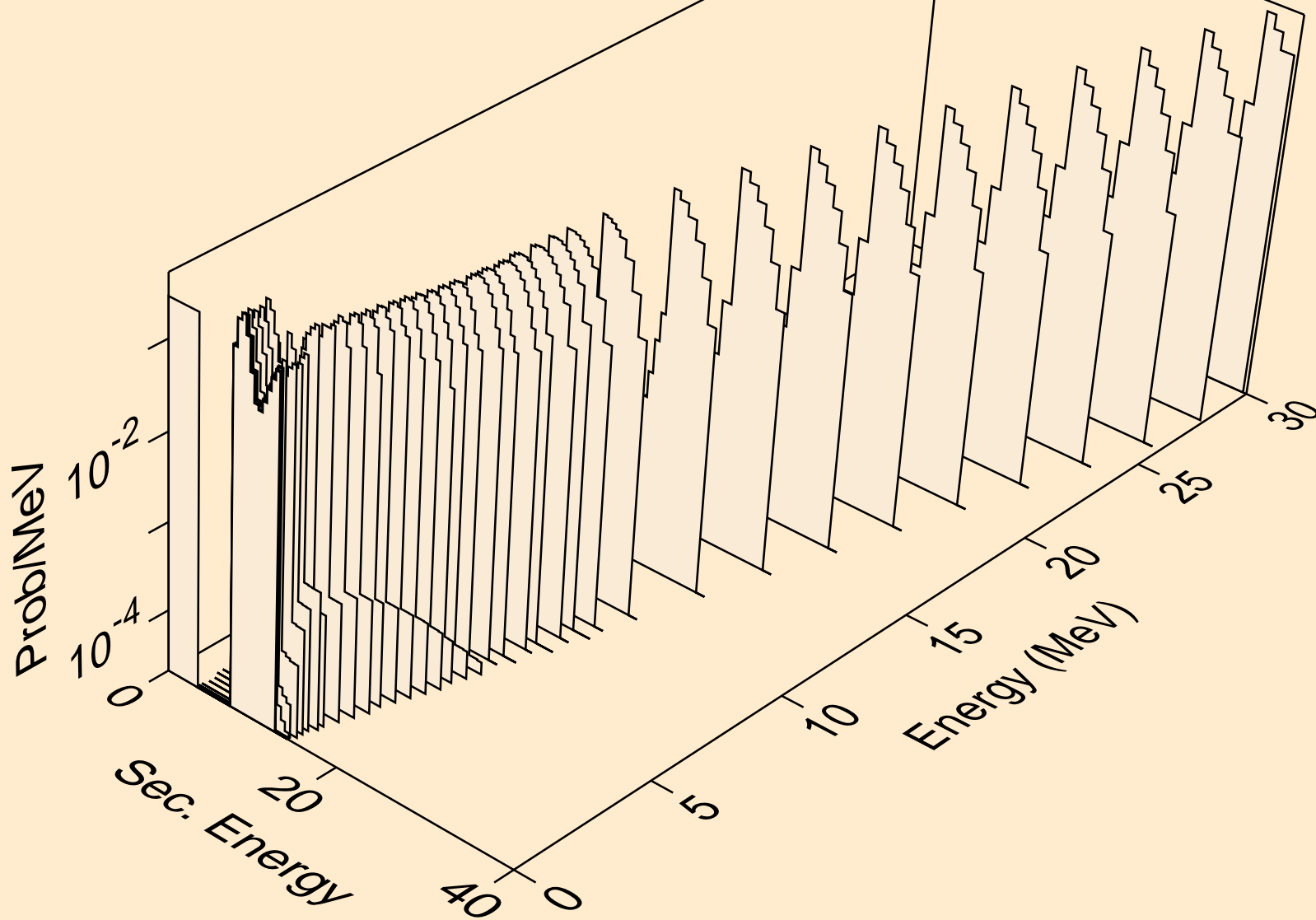
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)d2a



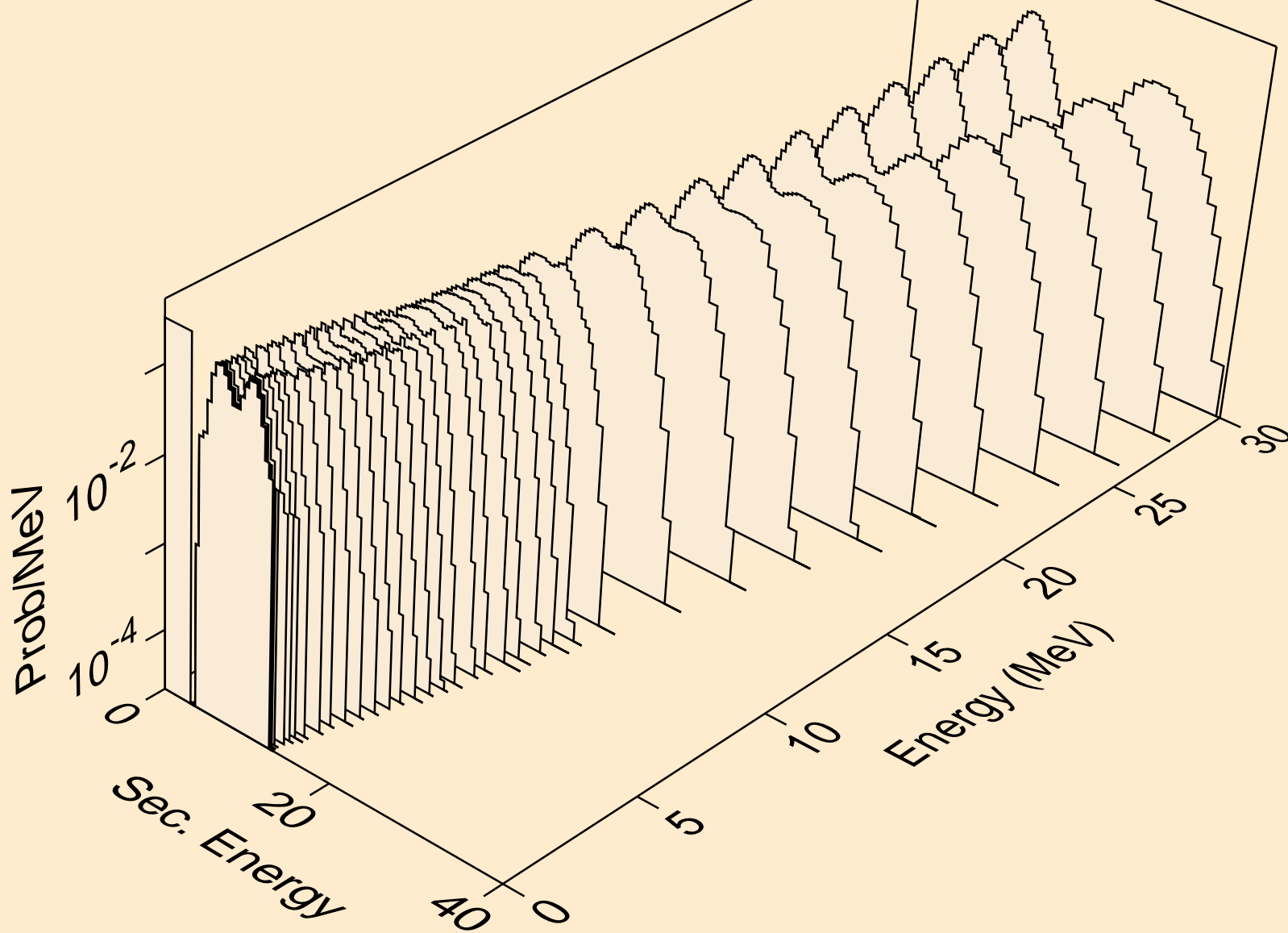
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



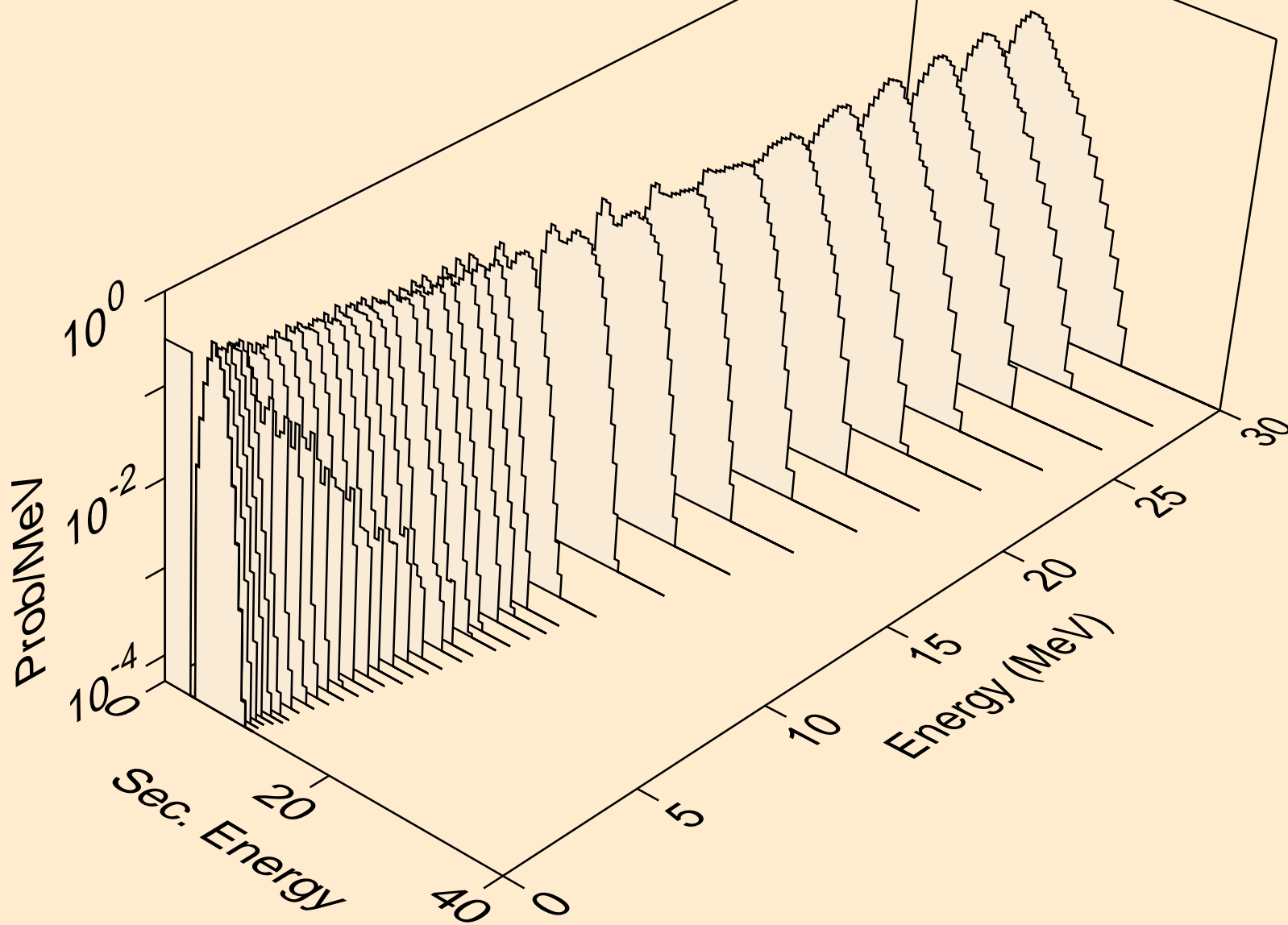
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)

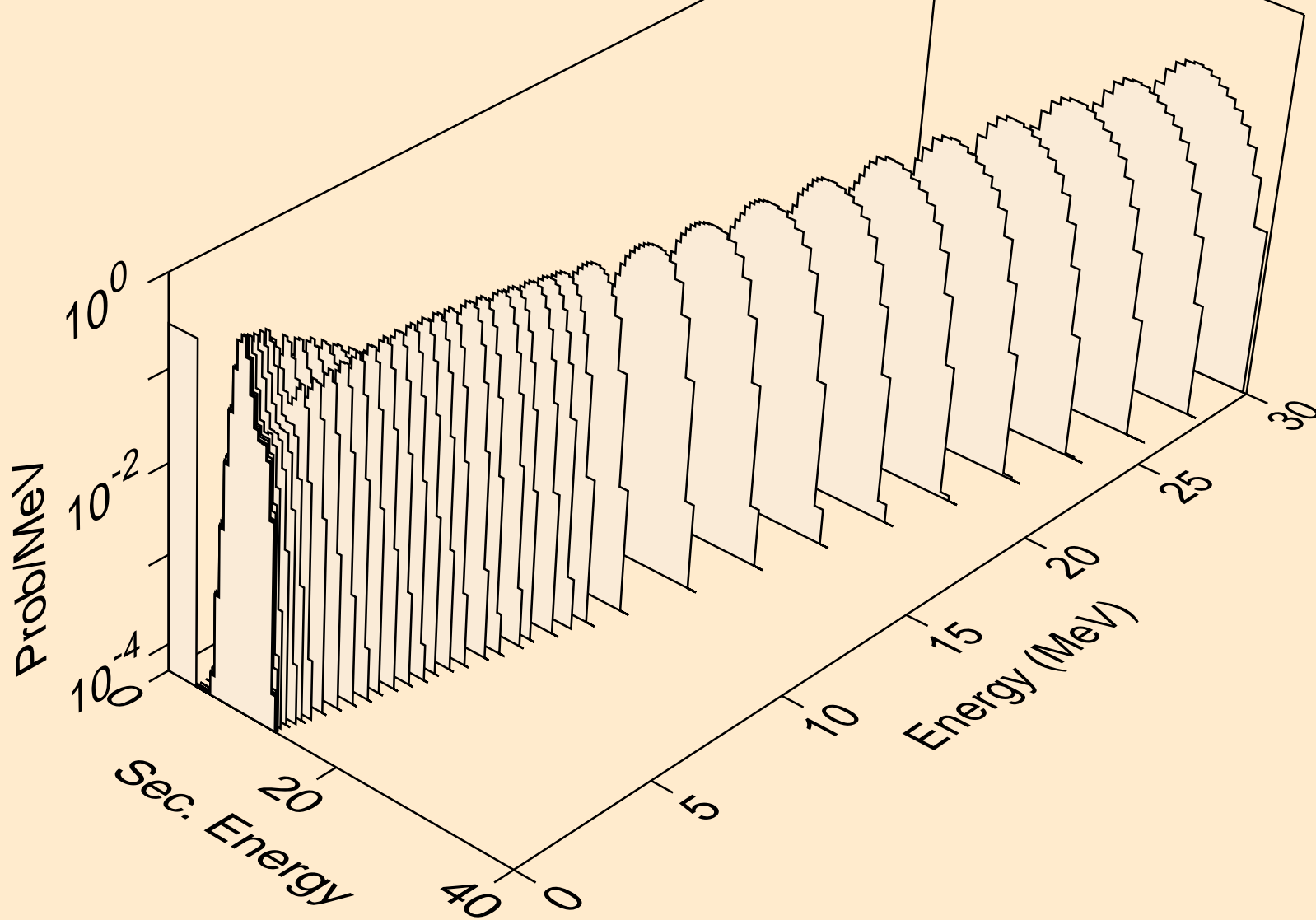


CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3a)

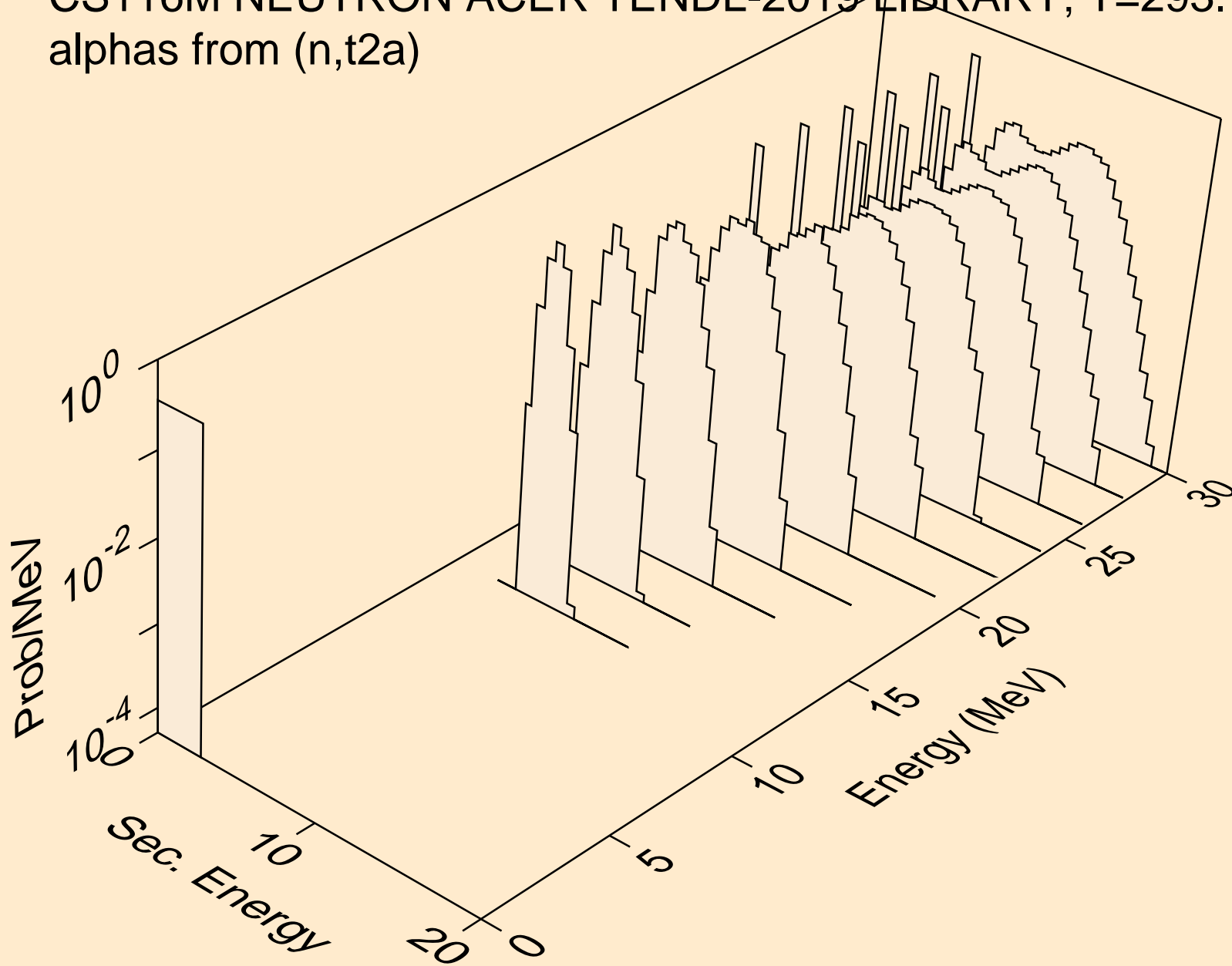




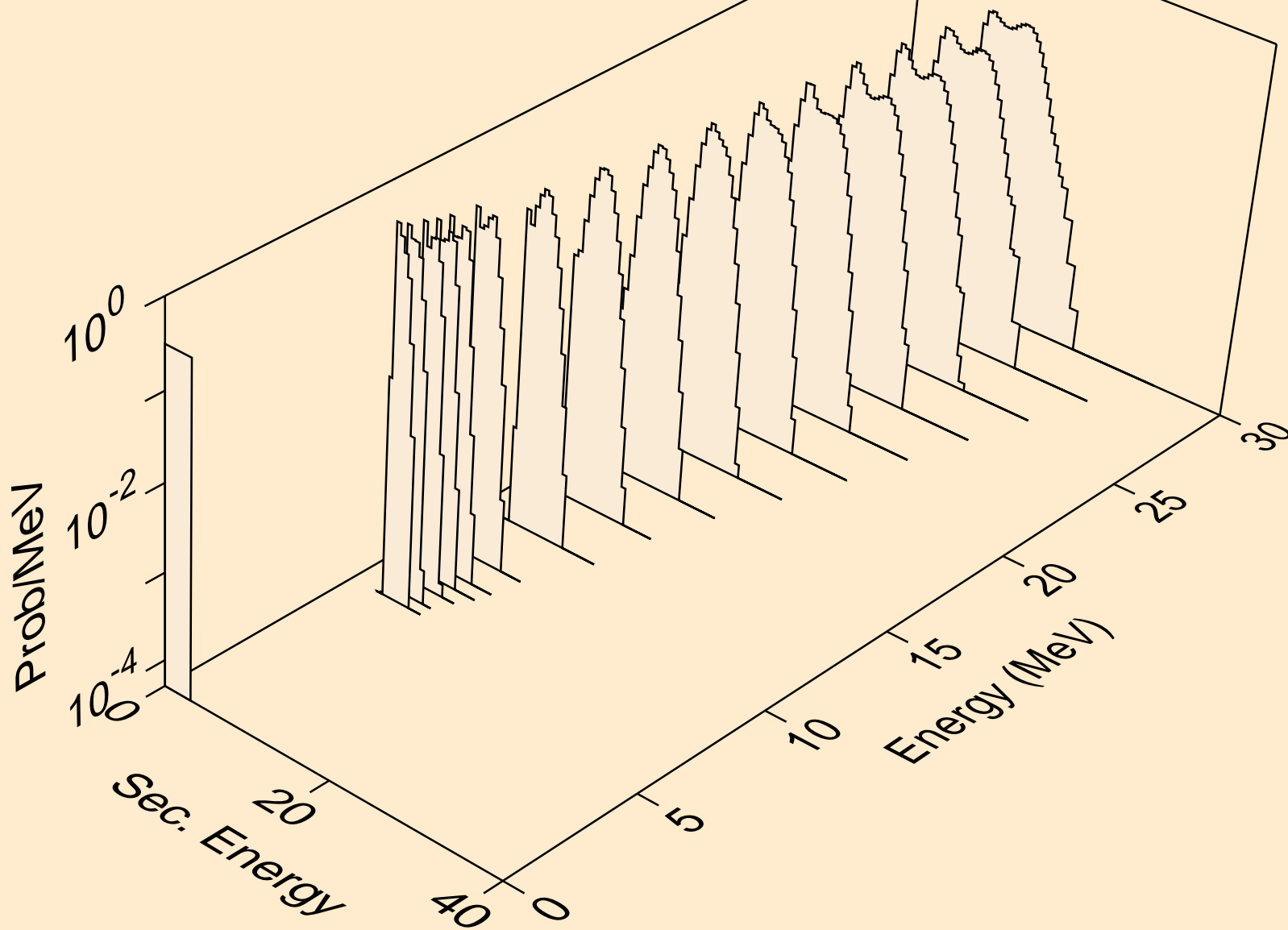
CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,t2a)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,d2a)



CS116M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

