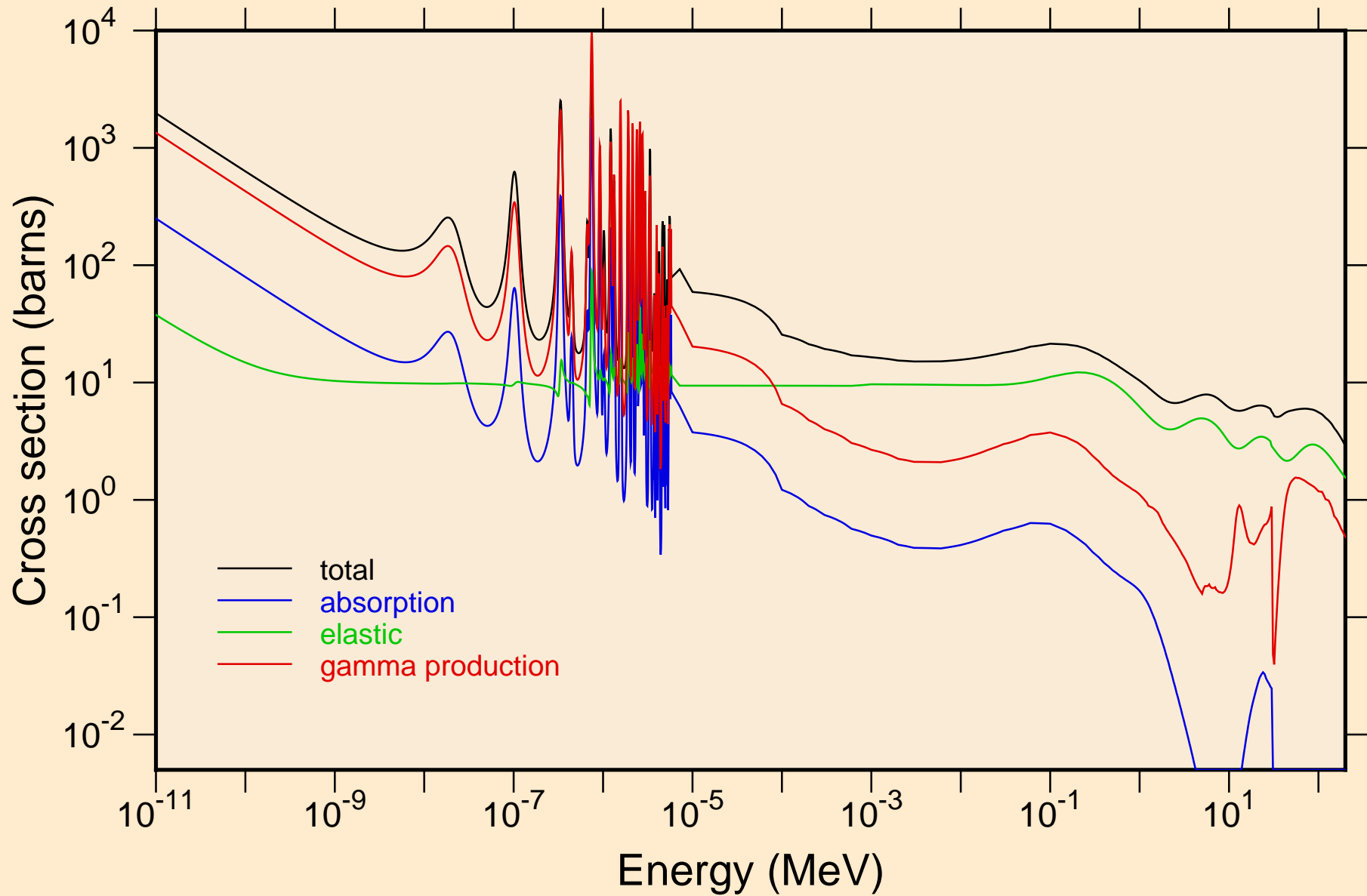
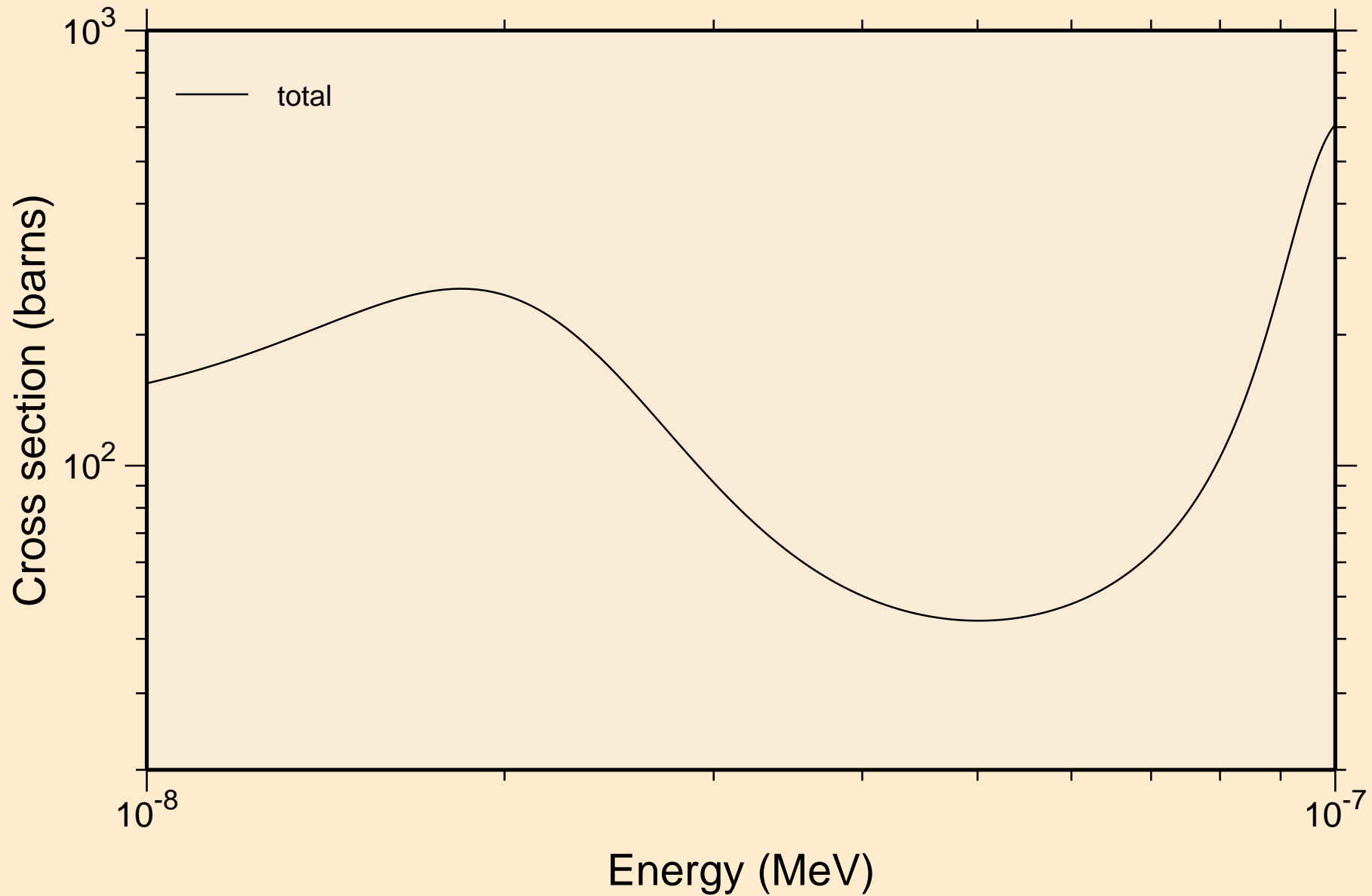


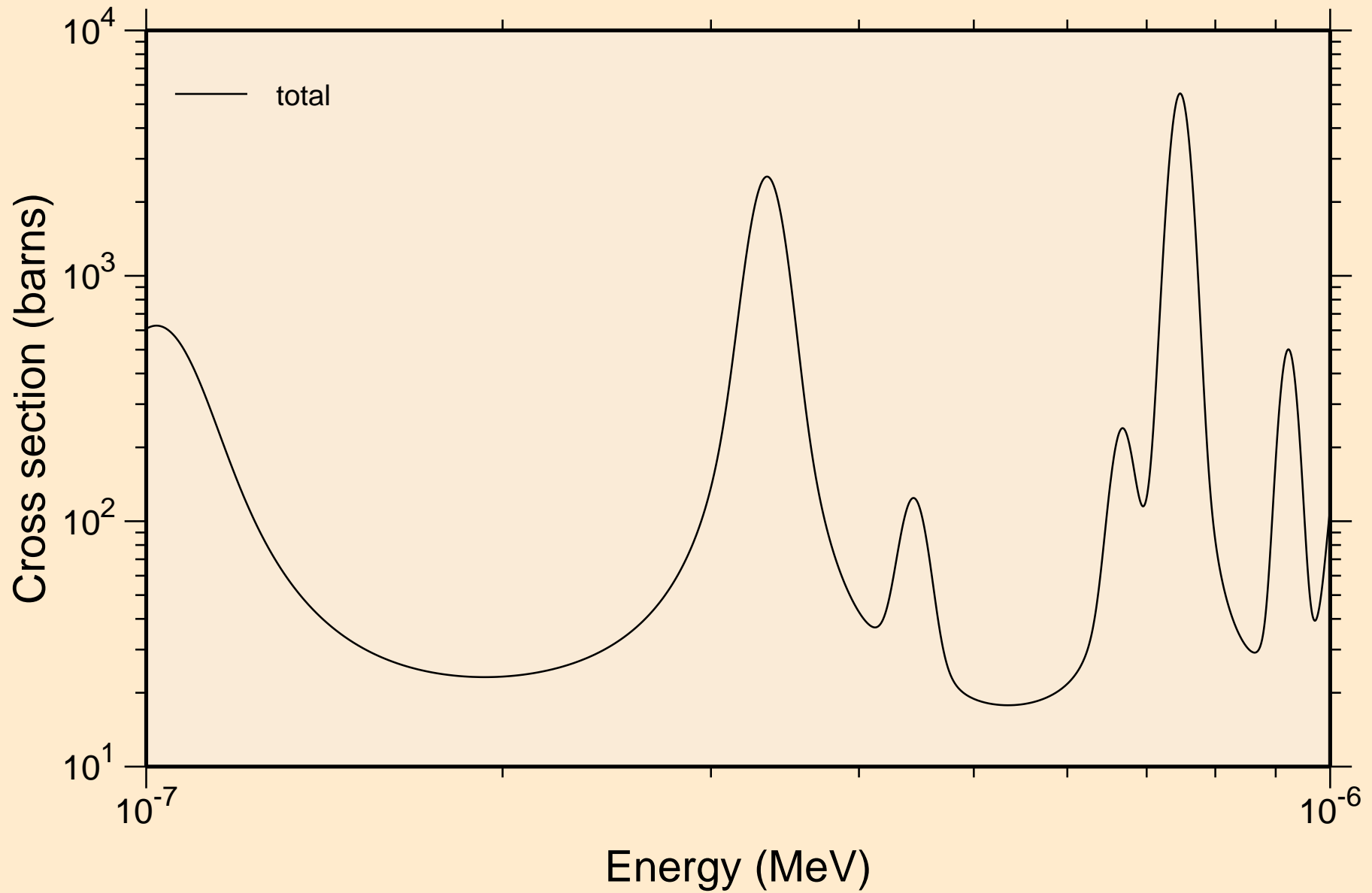
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



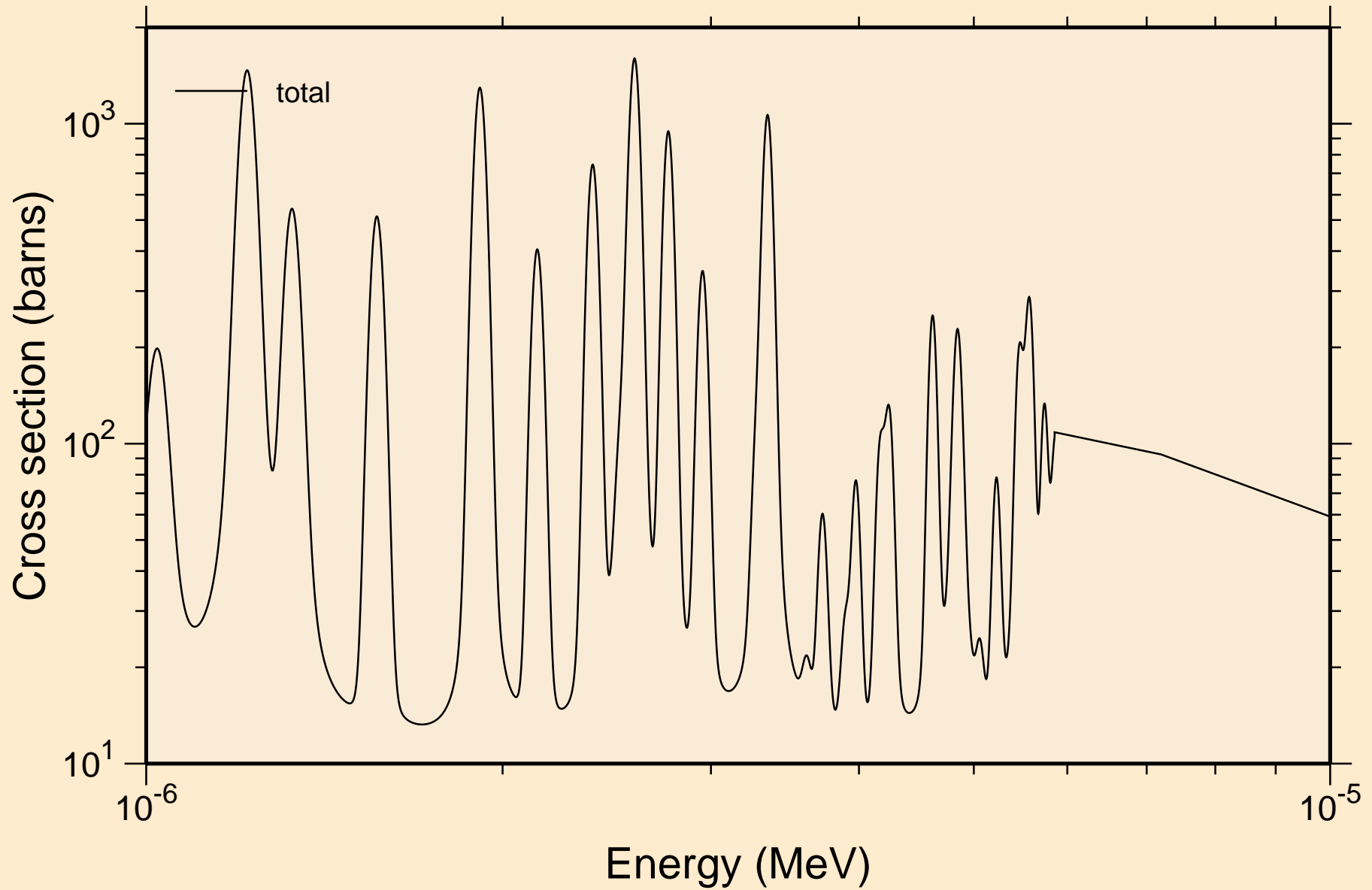
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



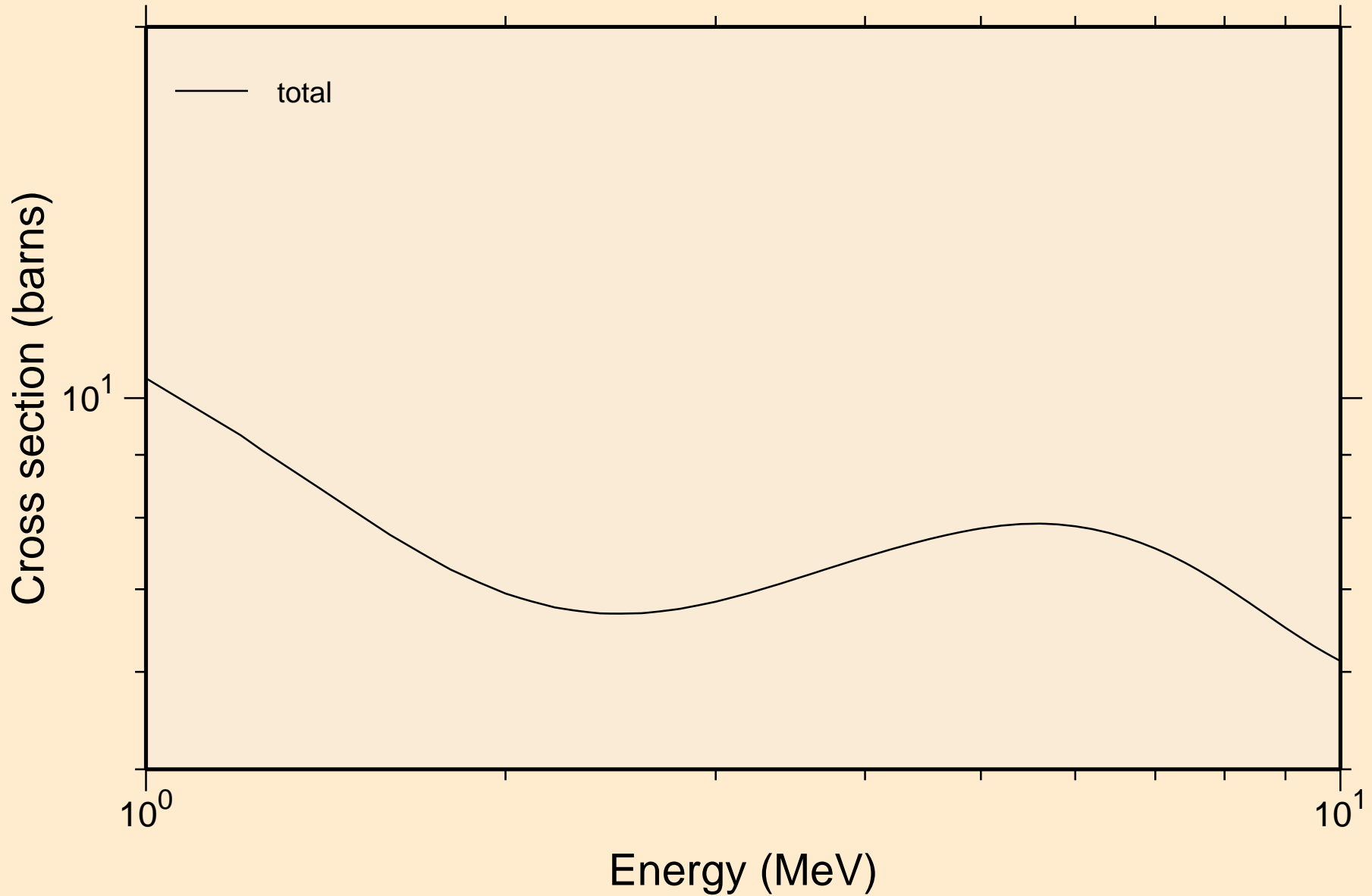
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



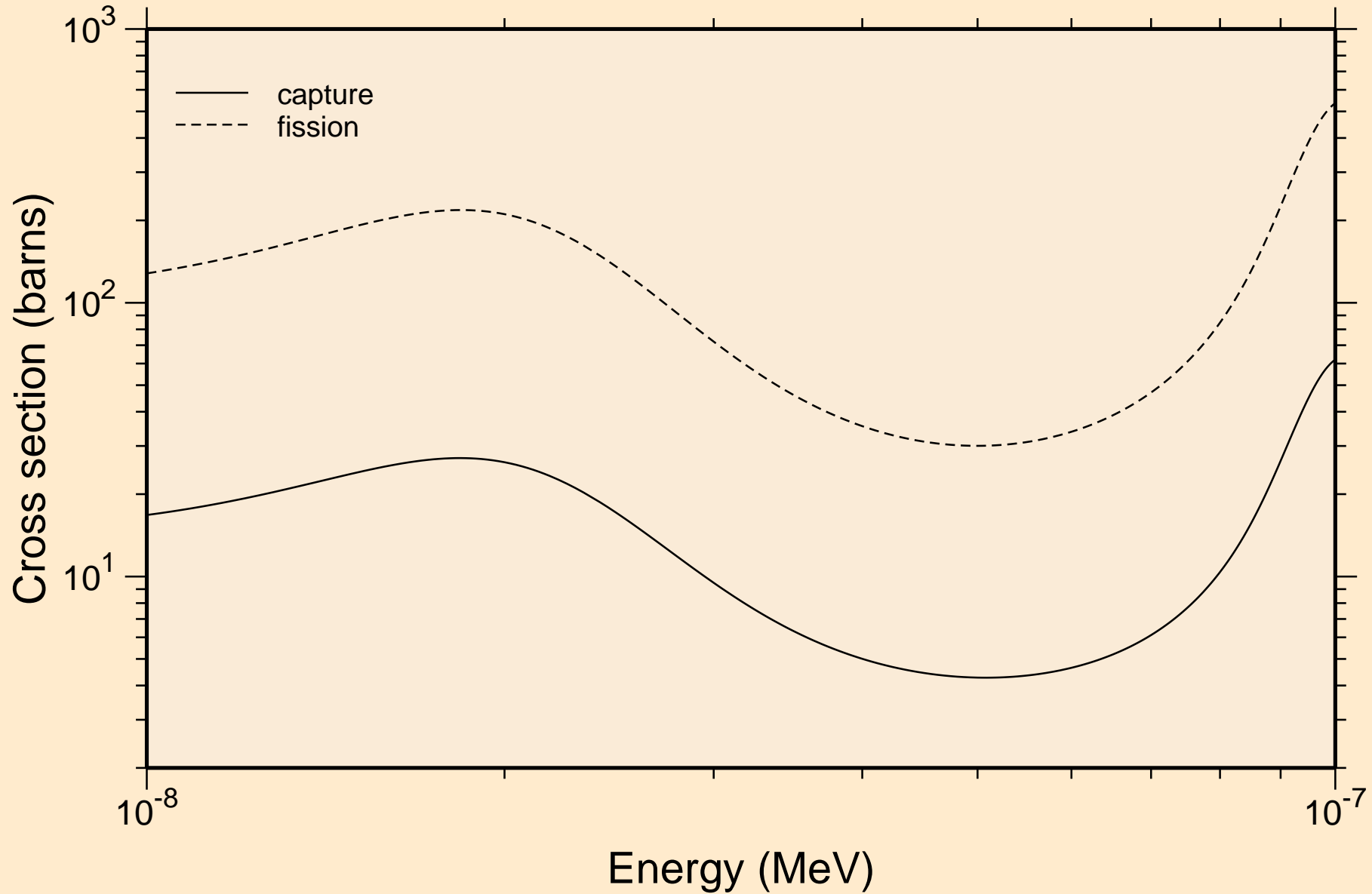
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



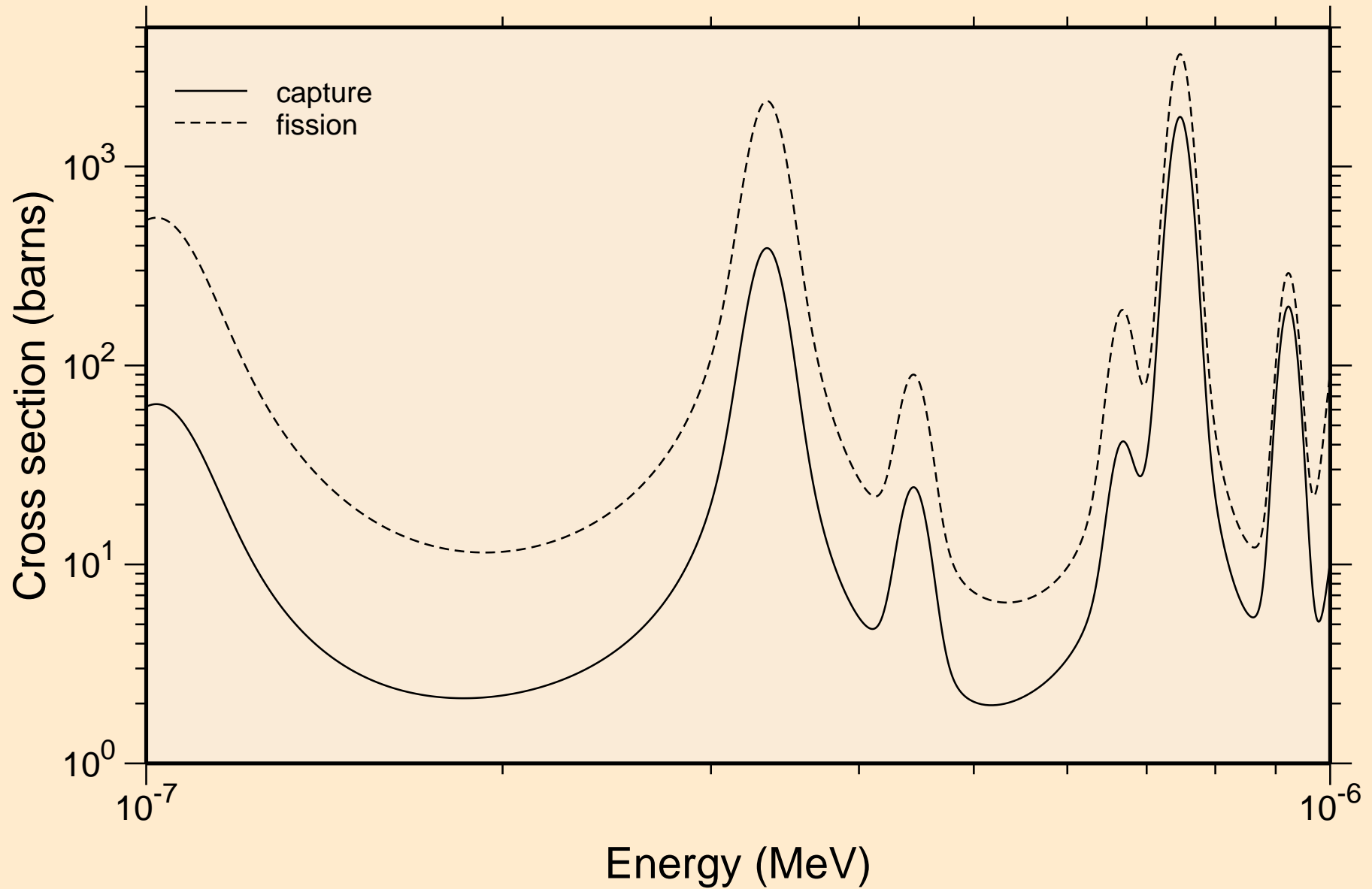
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



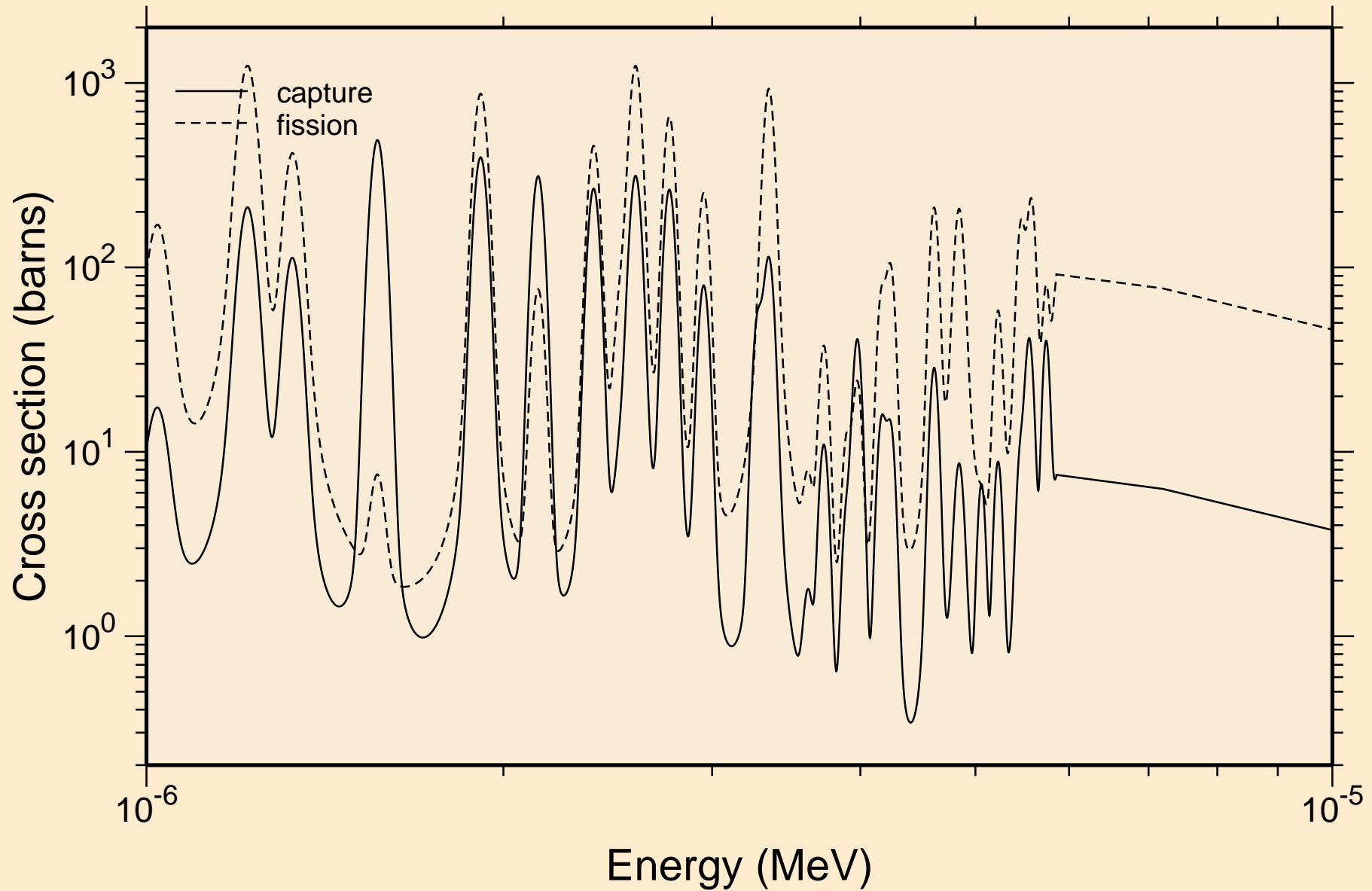
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

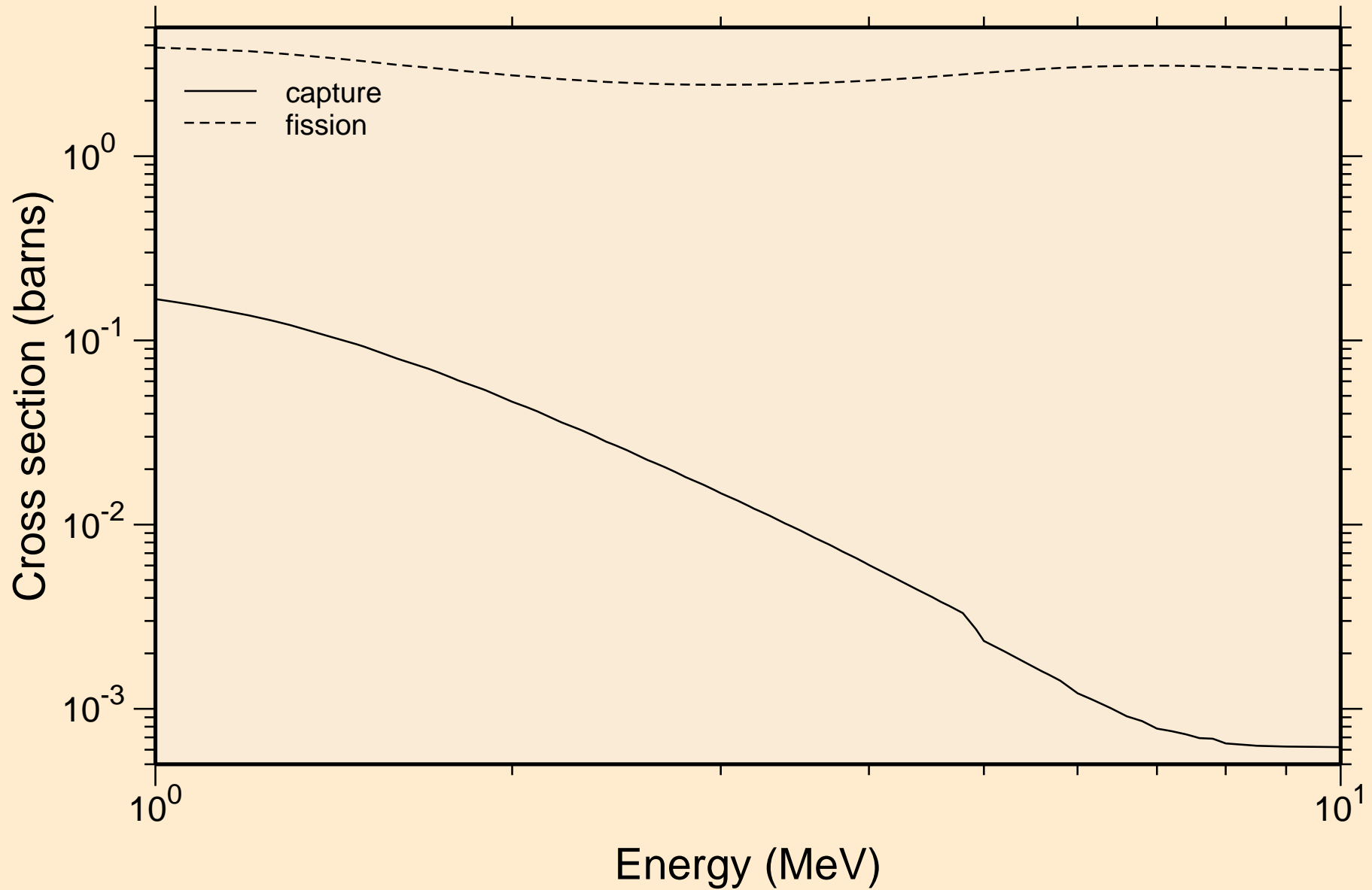


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

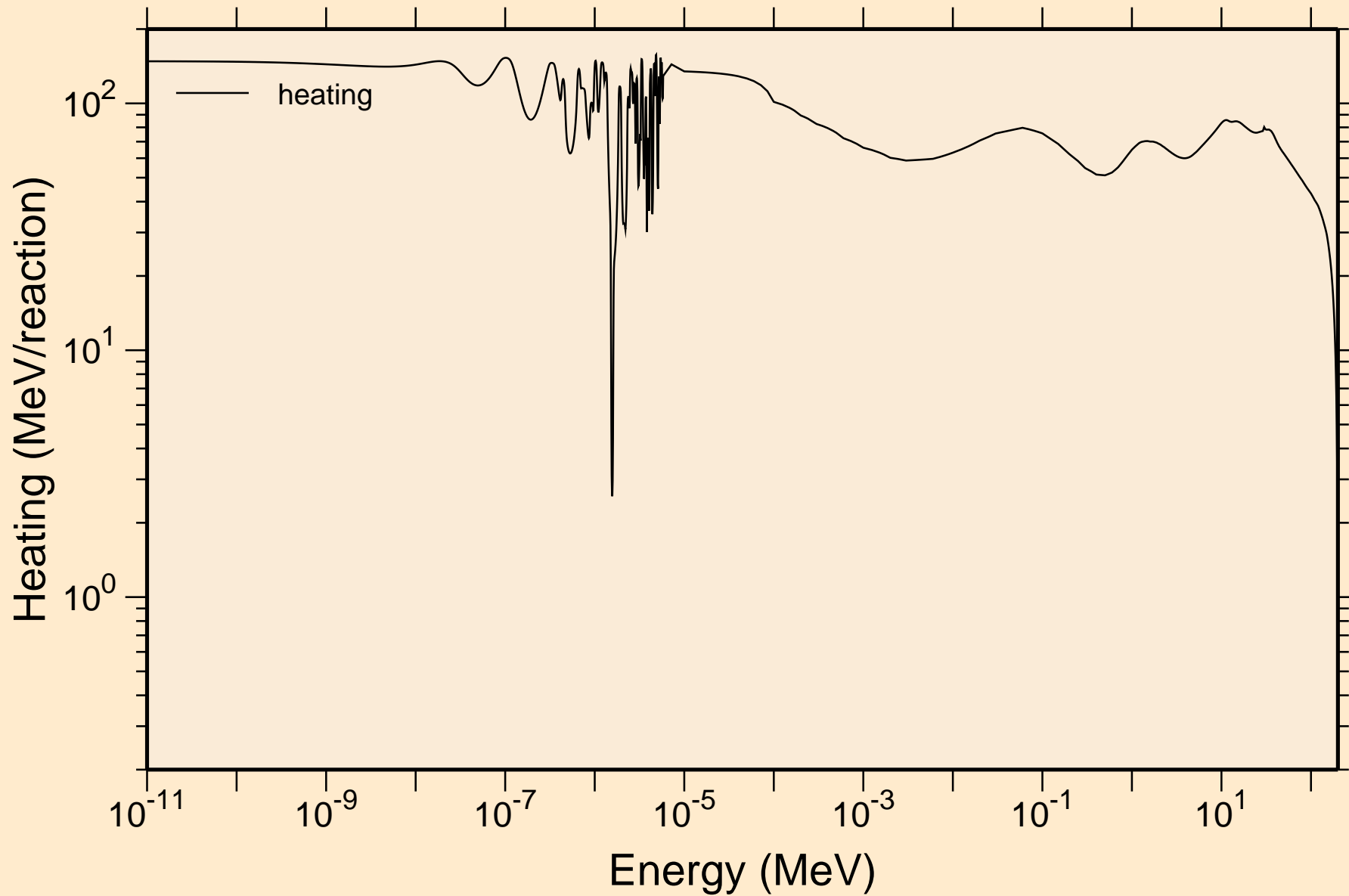




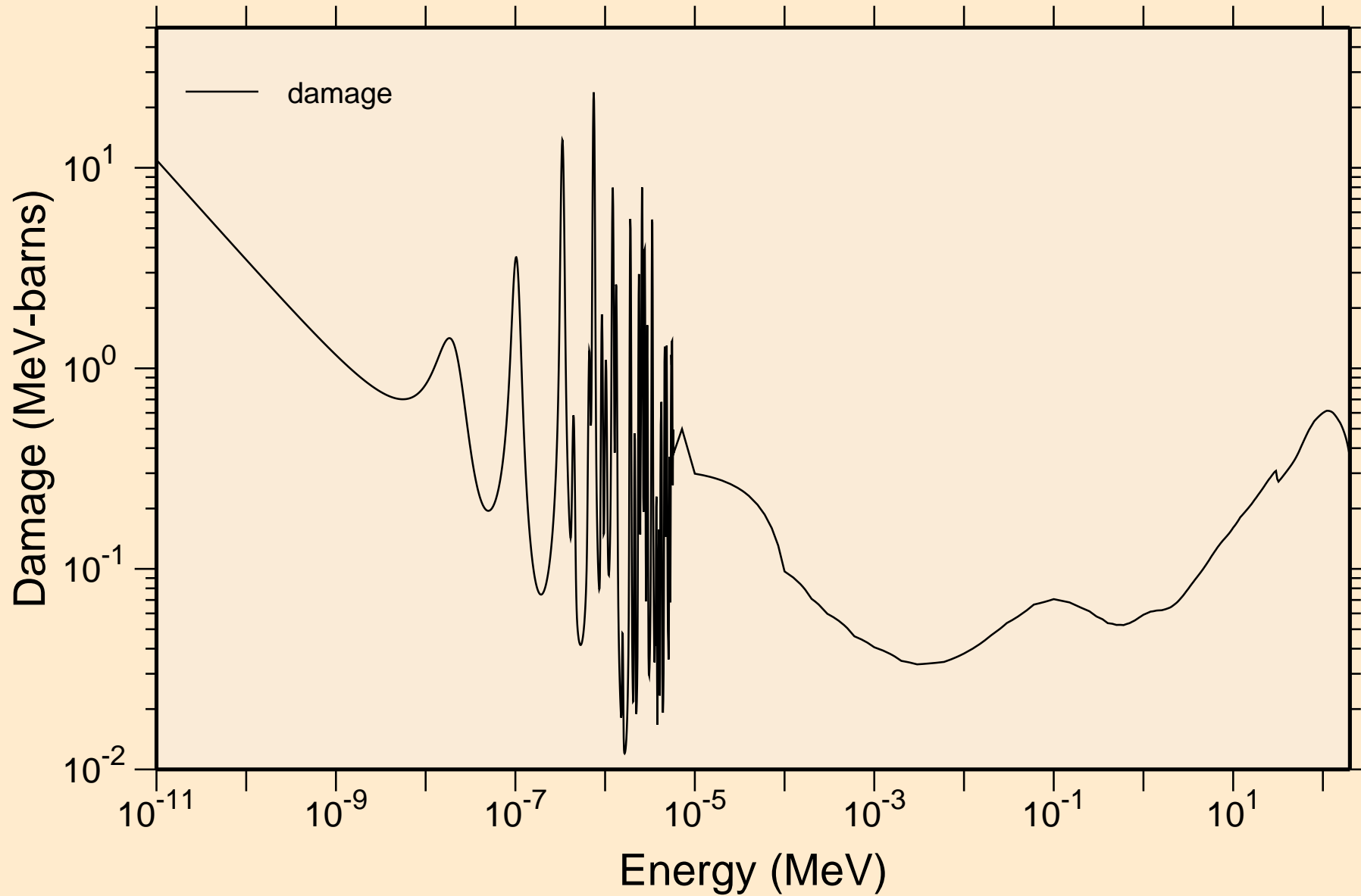
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

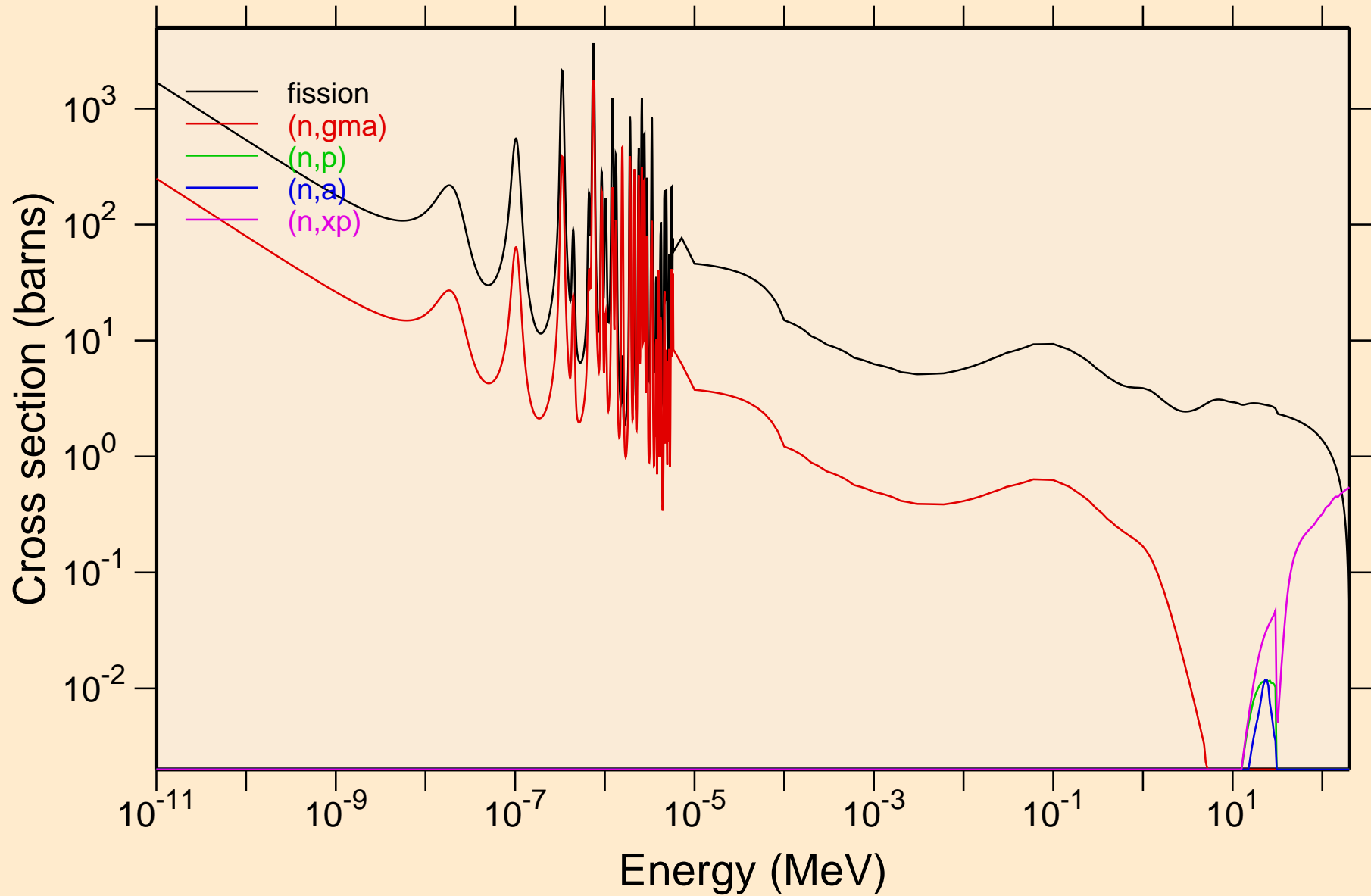


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

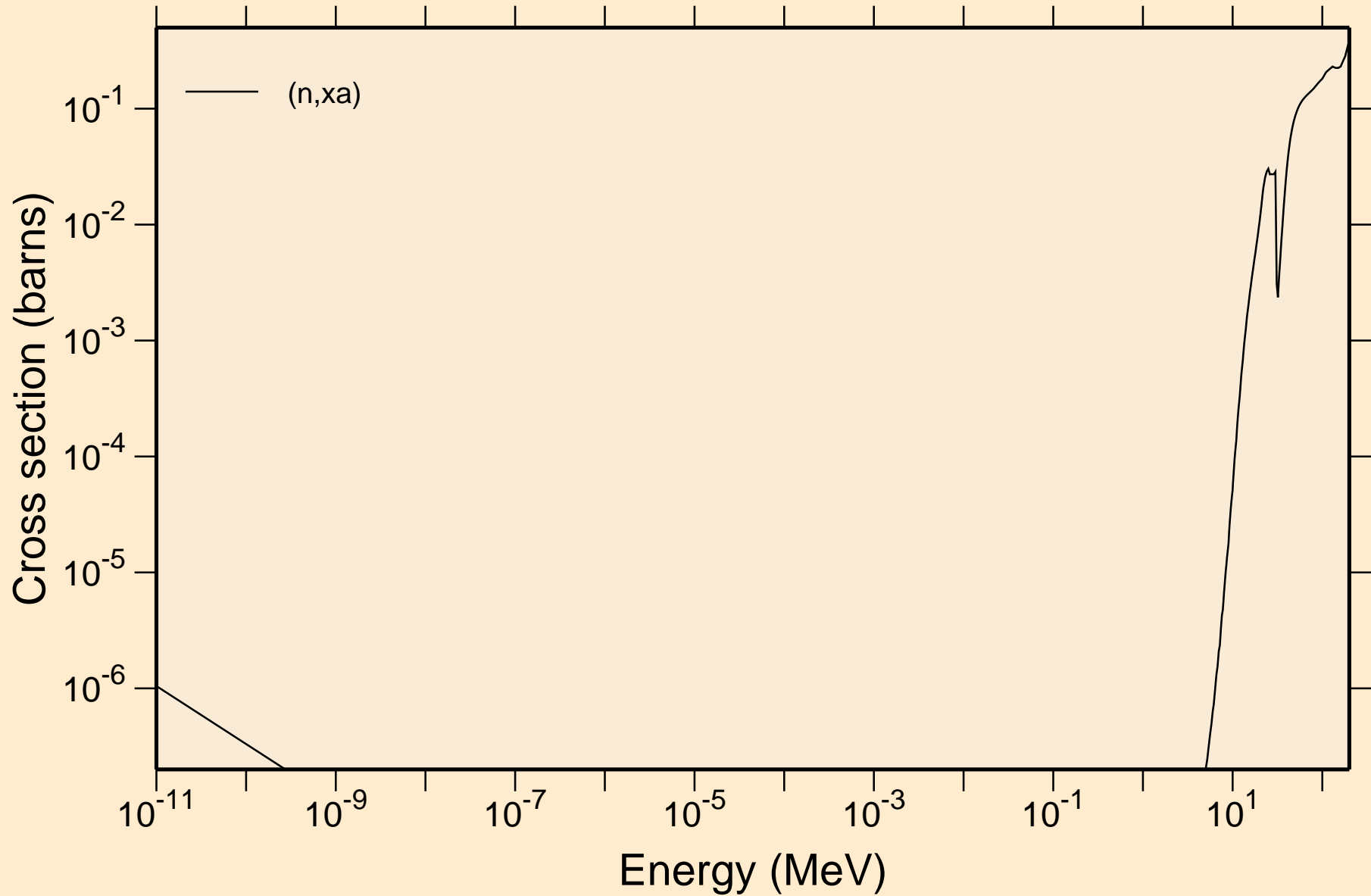


# NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

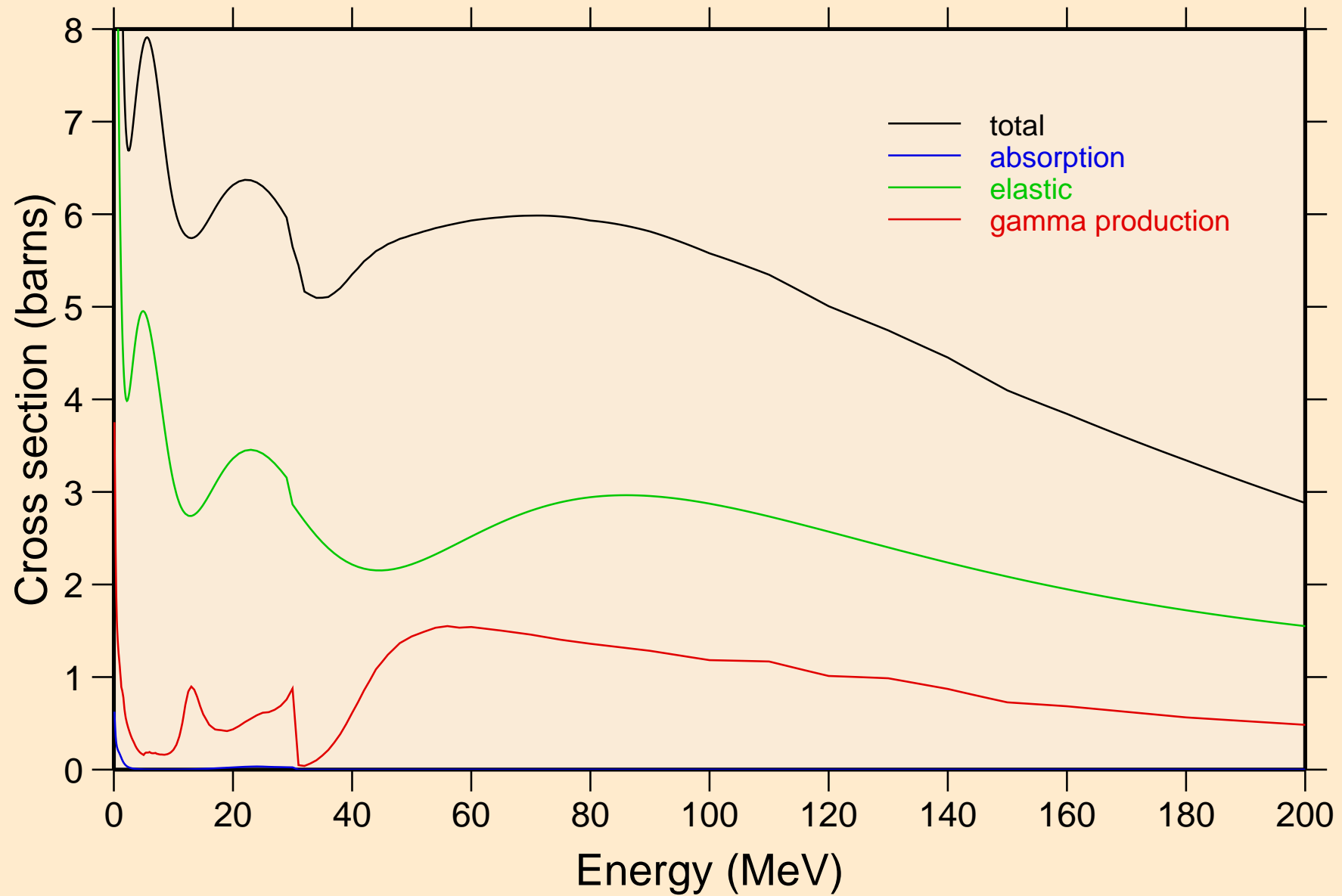


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

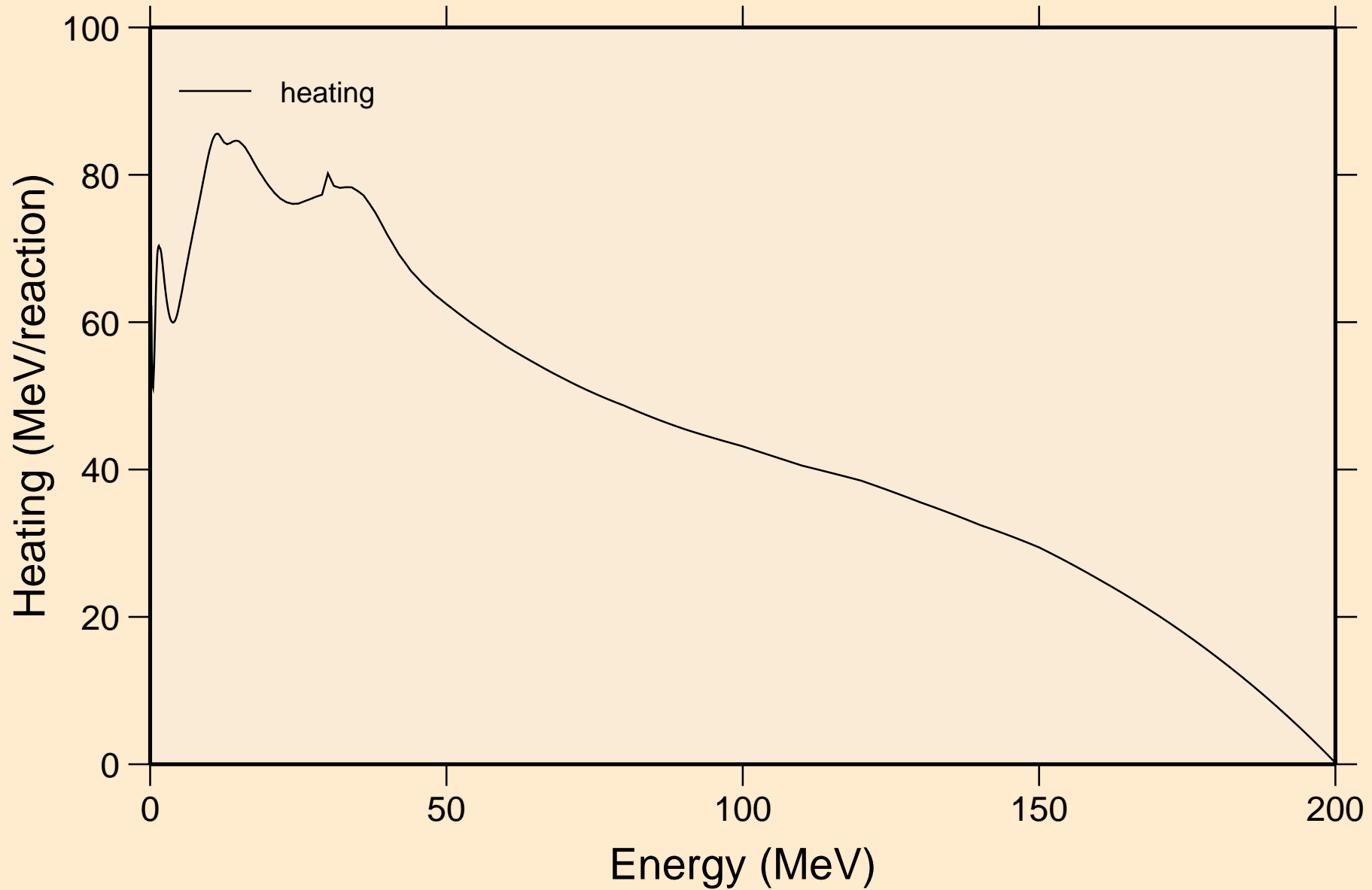


# NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

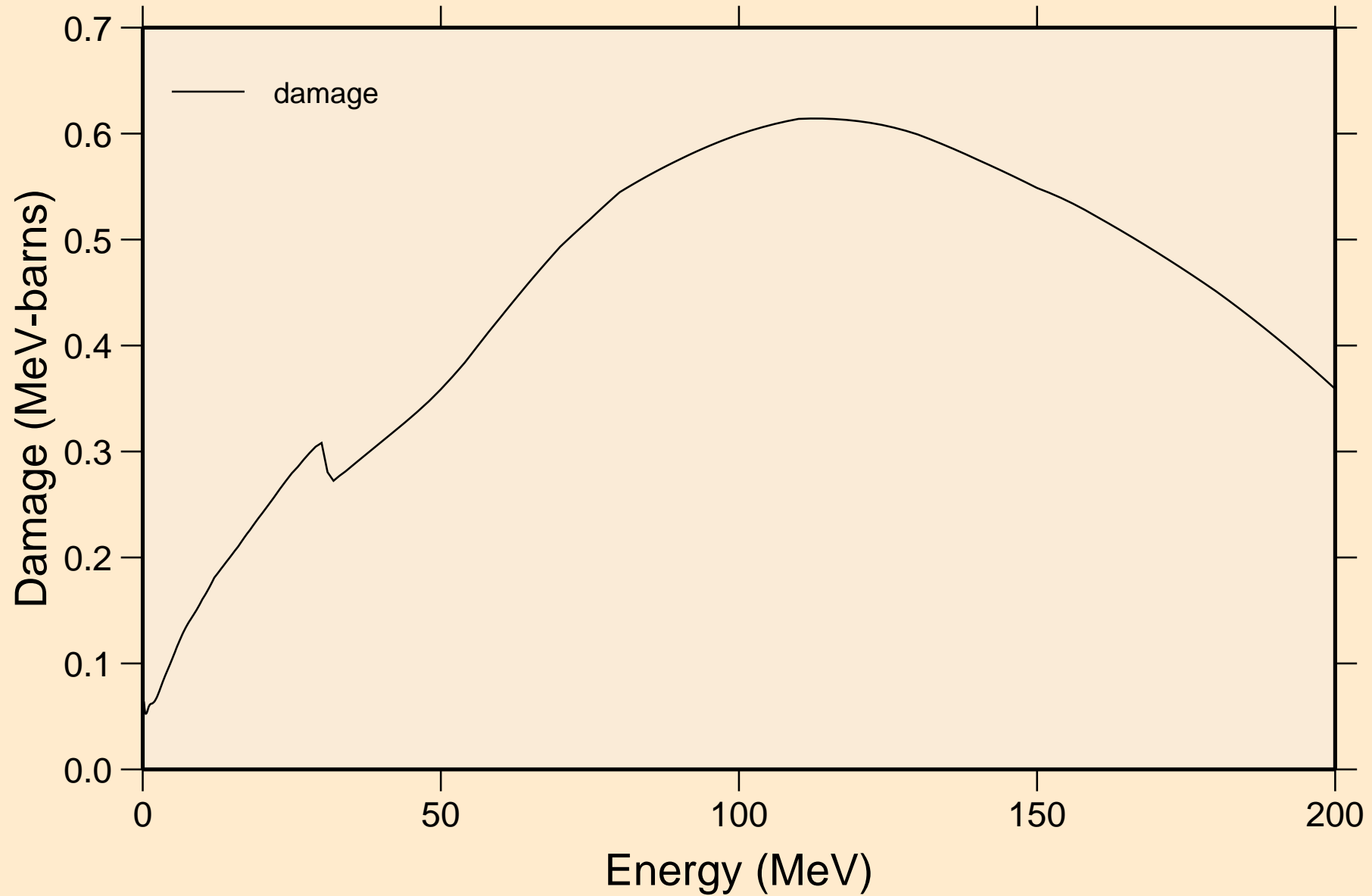
## Principal cross sections



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



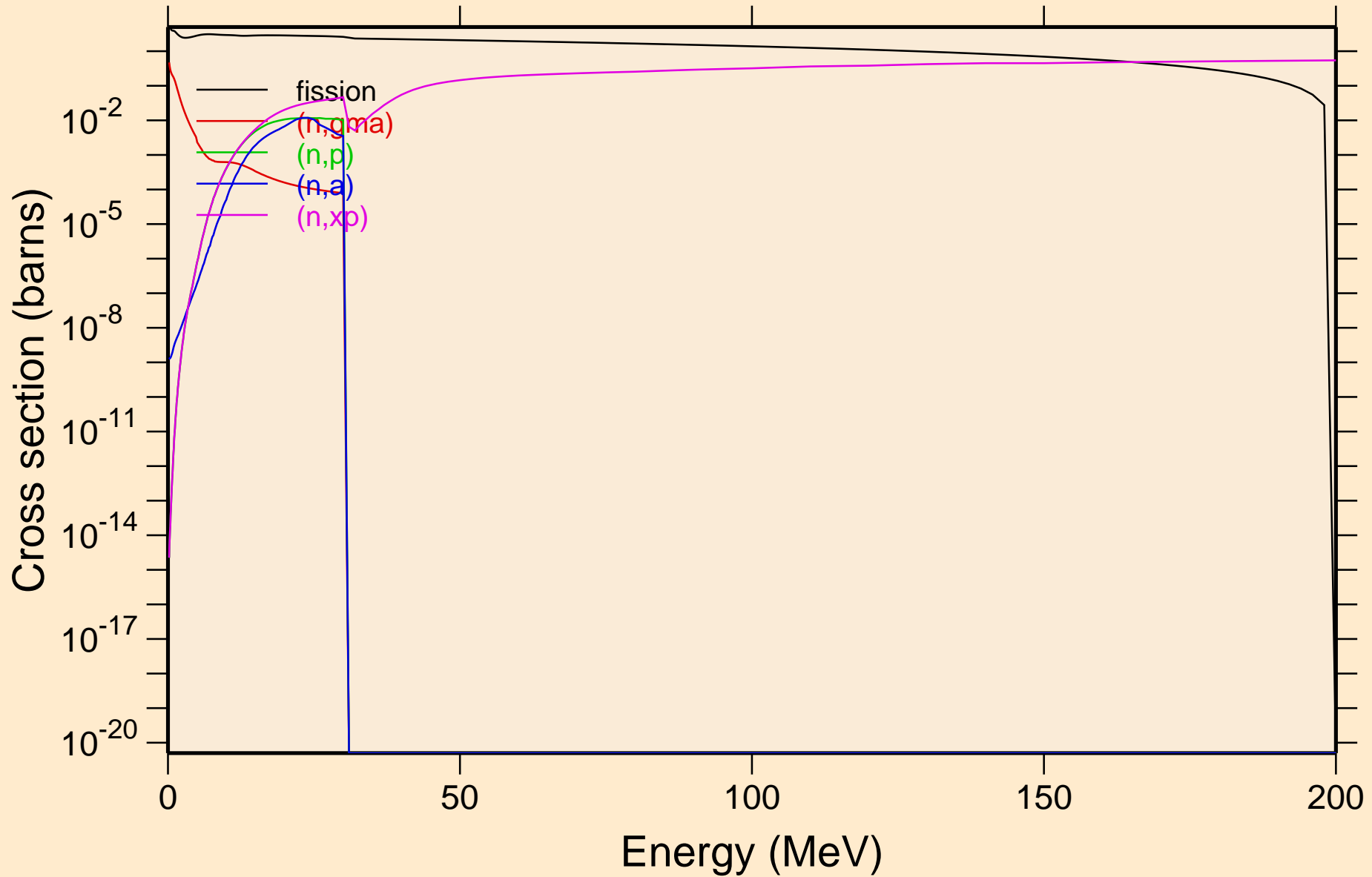
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



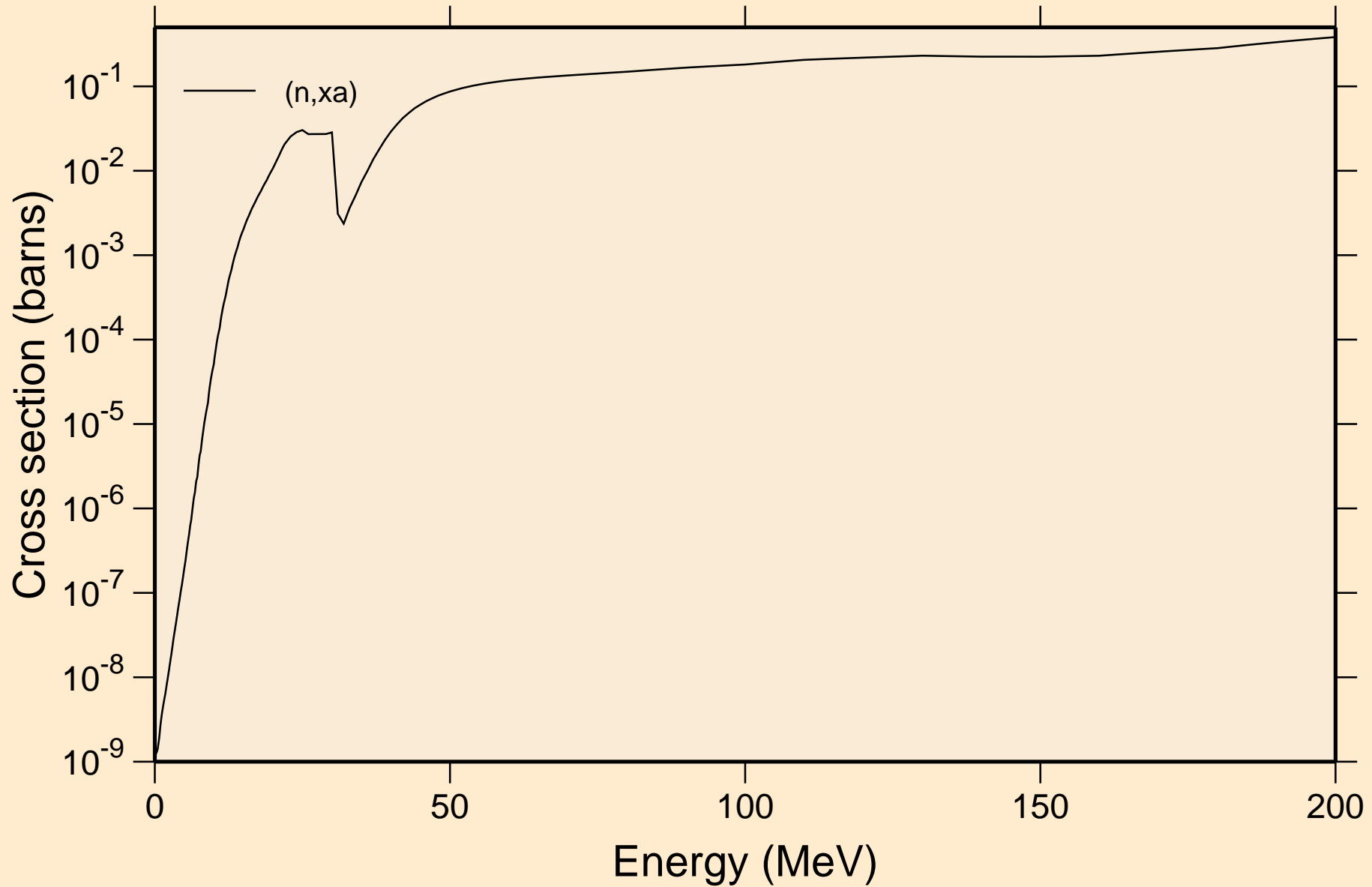


# NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

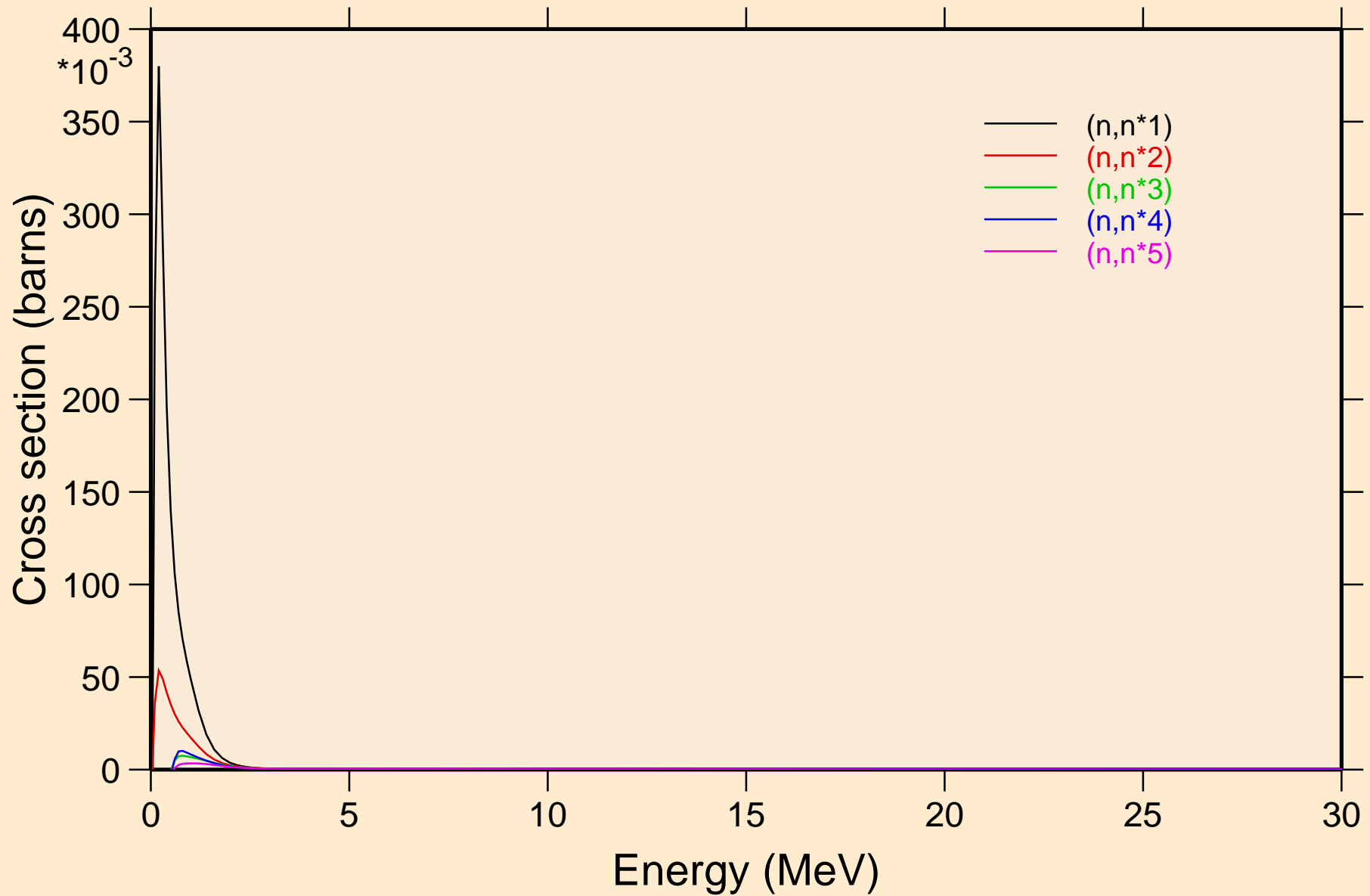
## Non-threshold reactions



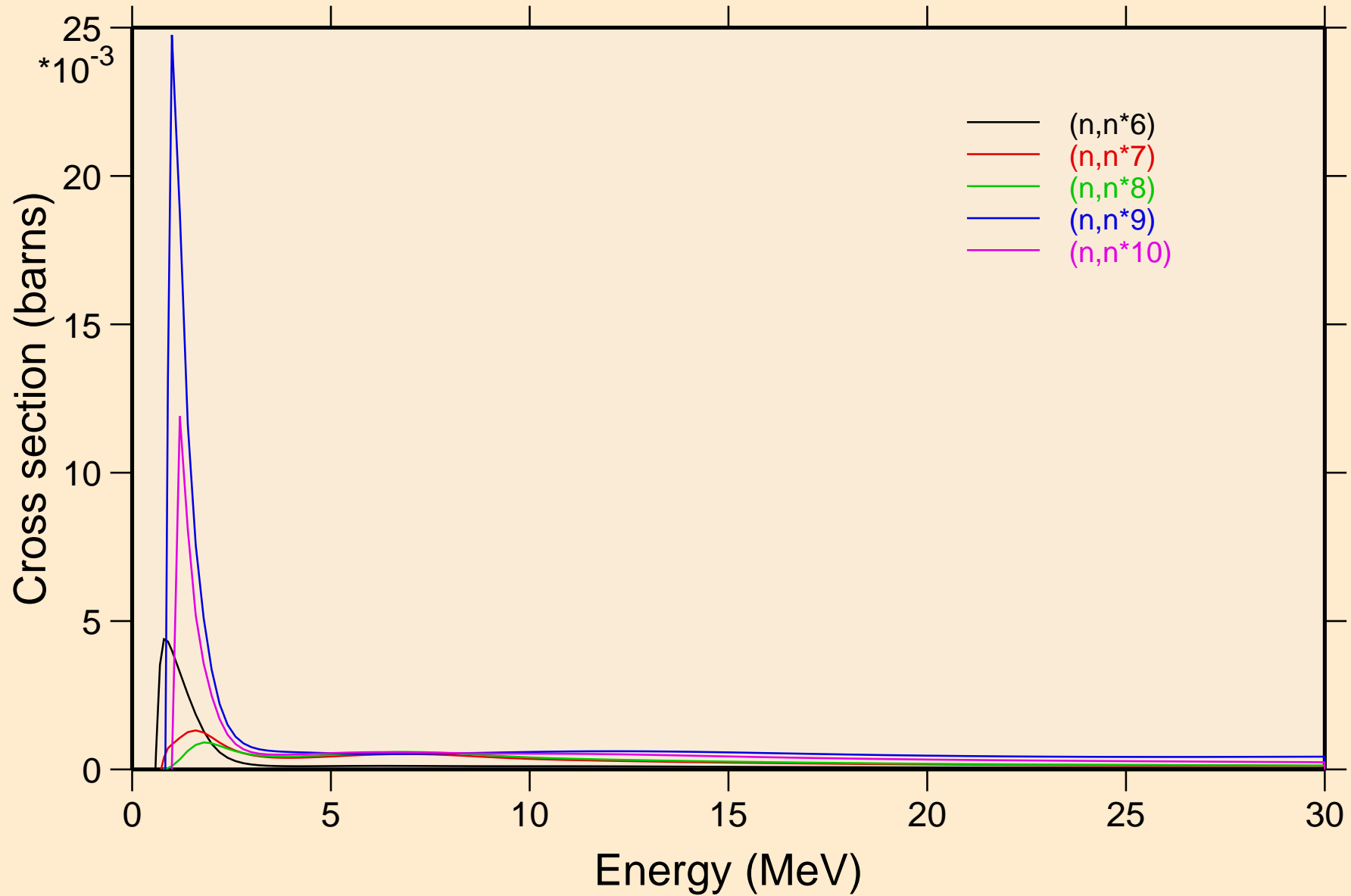
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



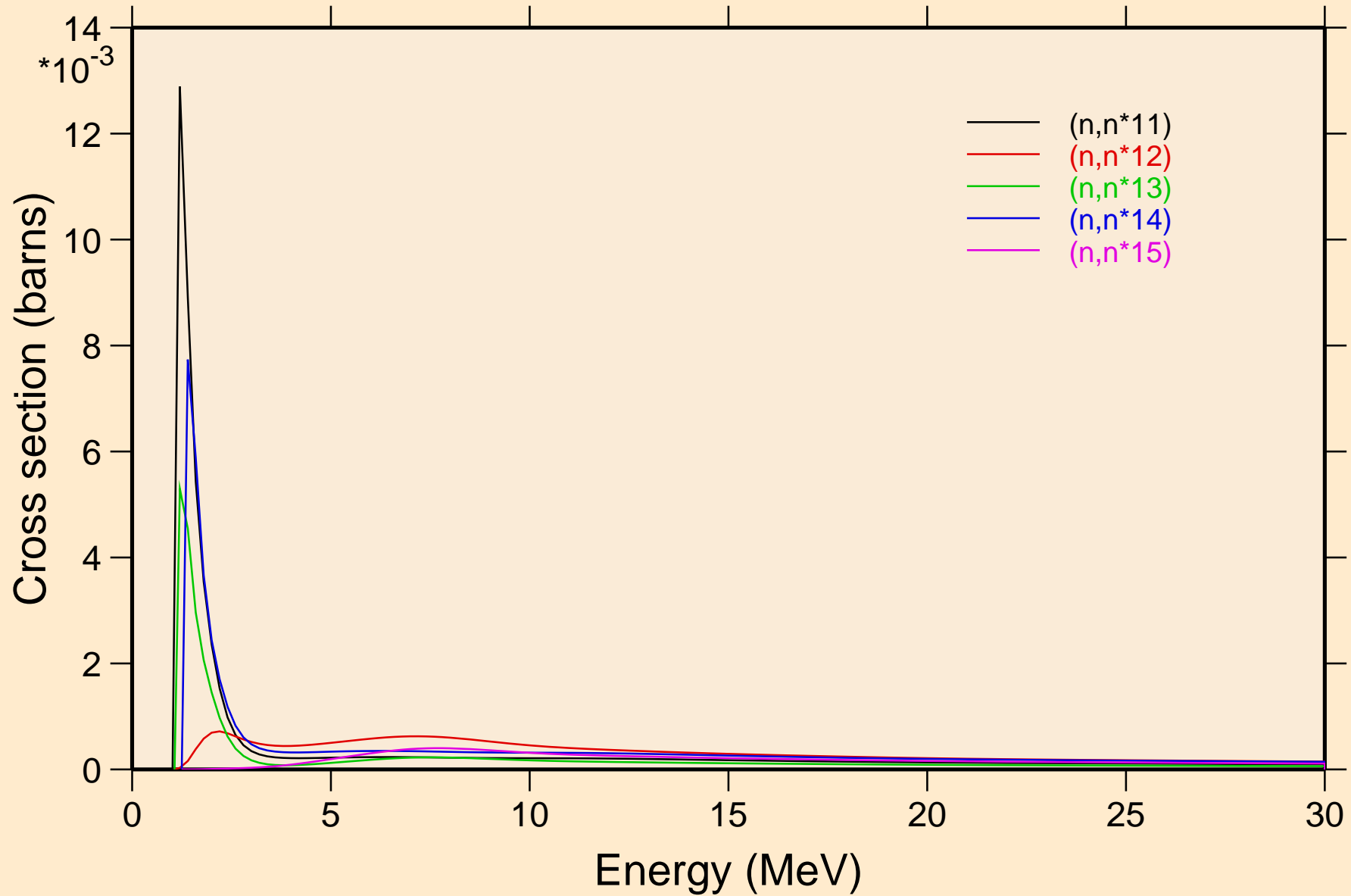
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



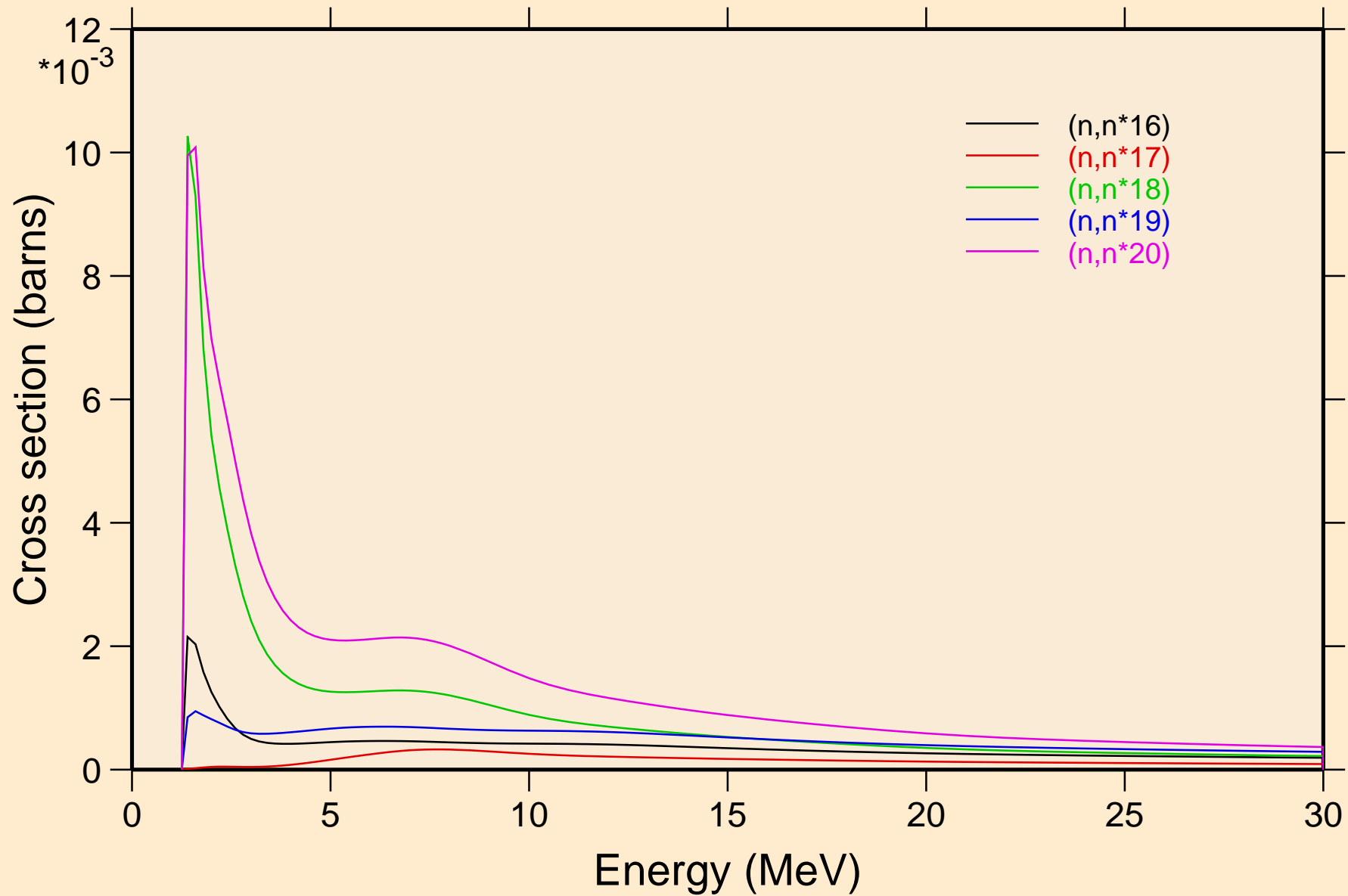
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



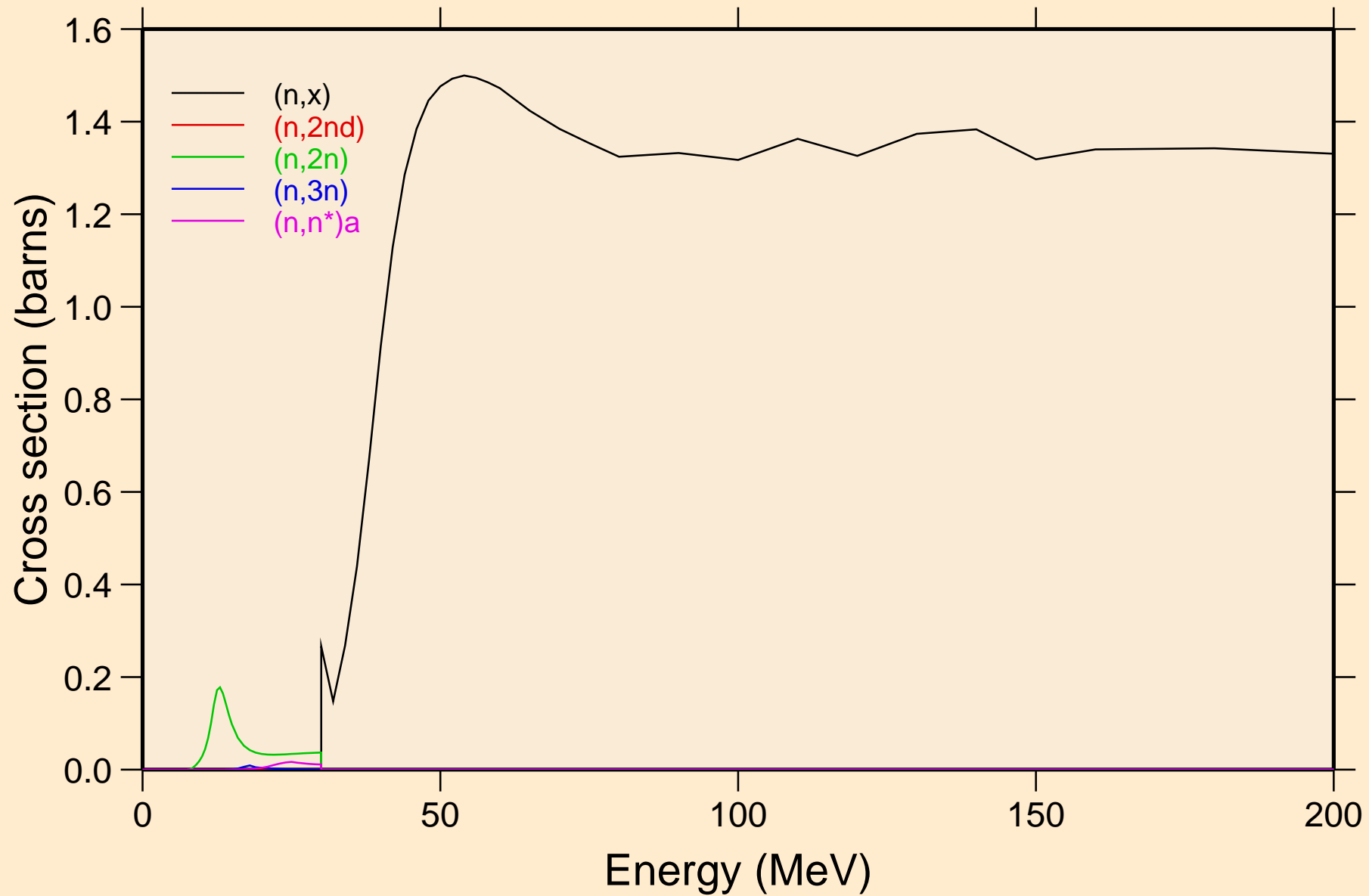
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



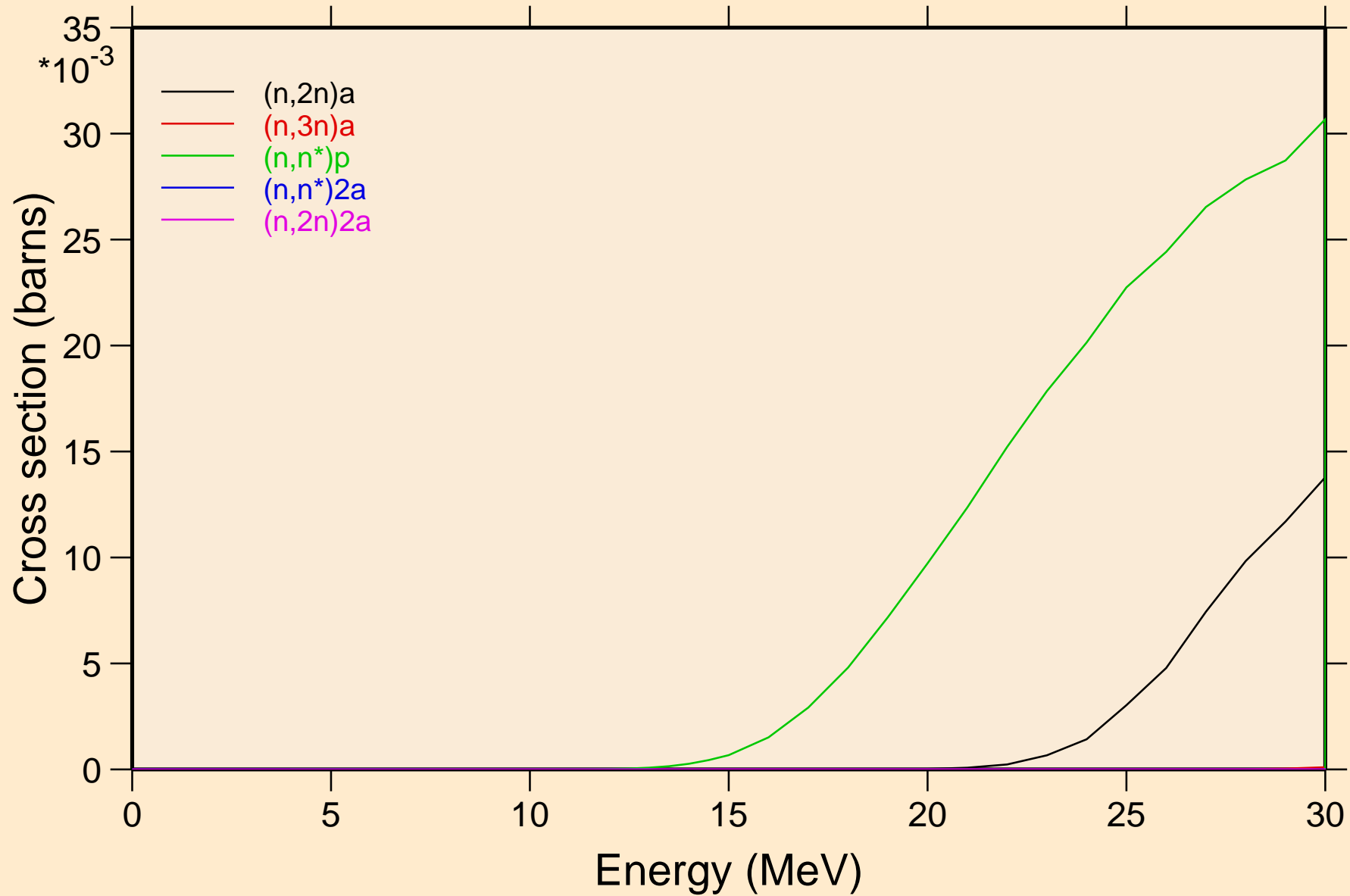
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



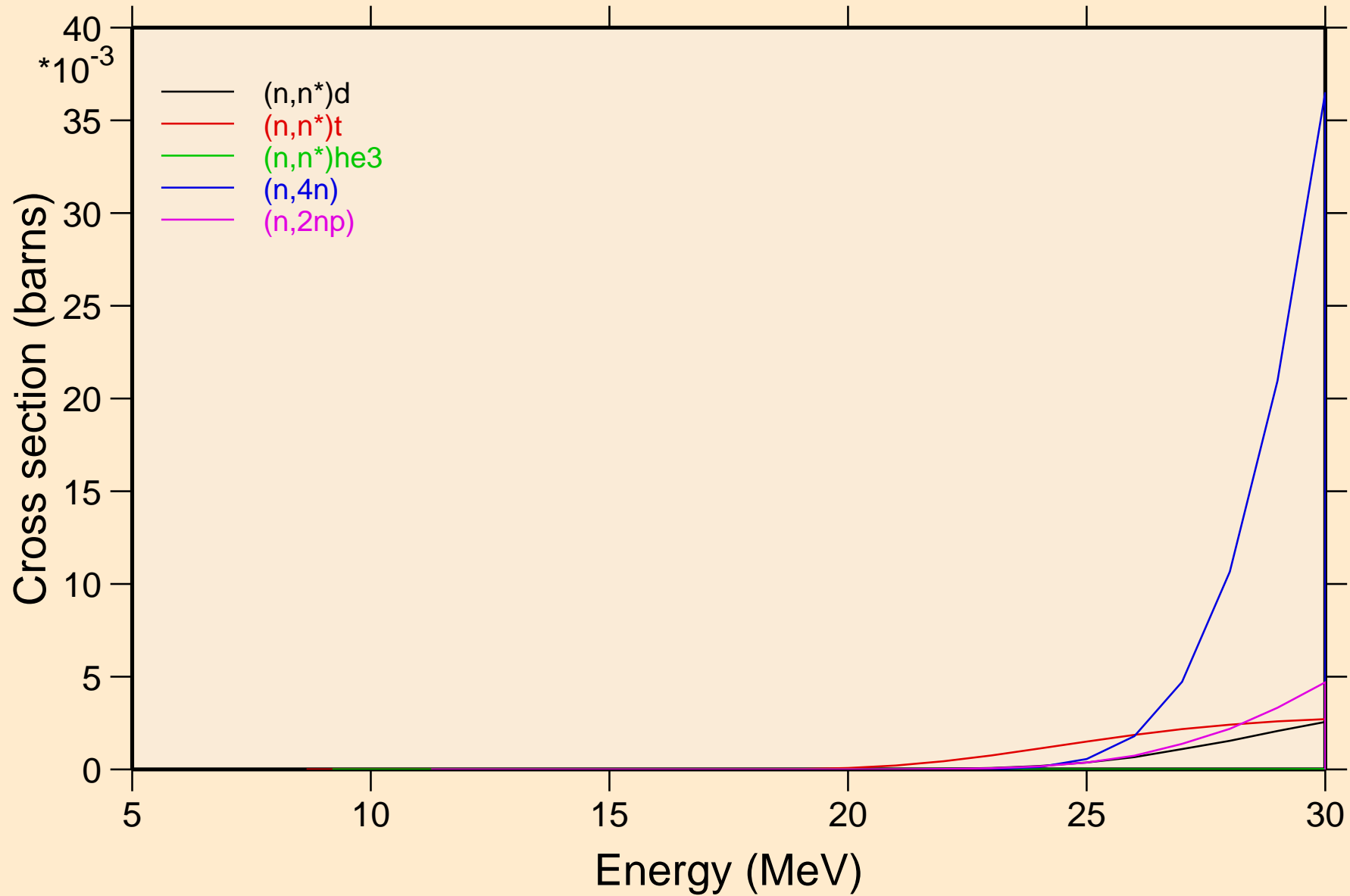
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions





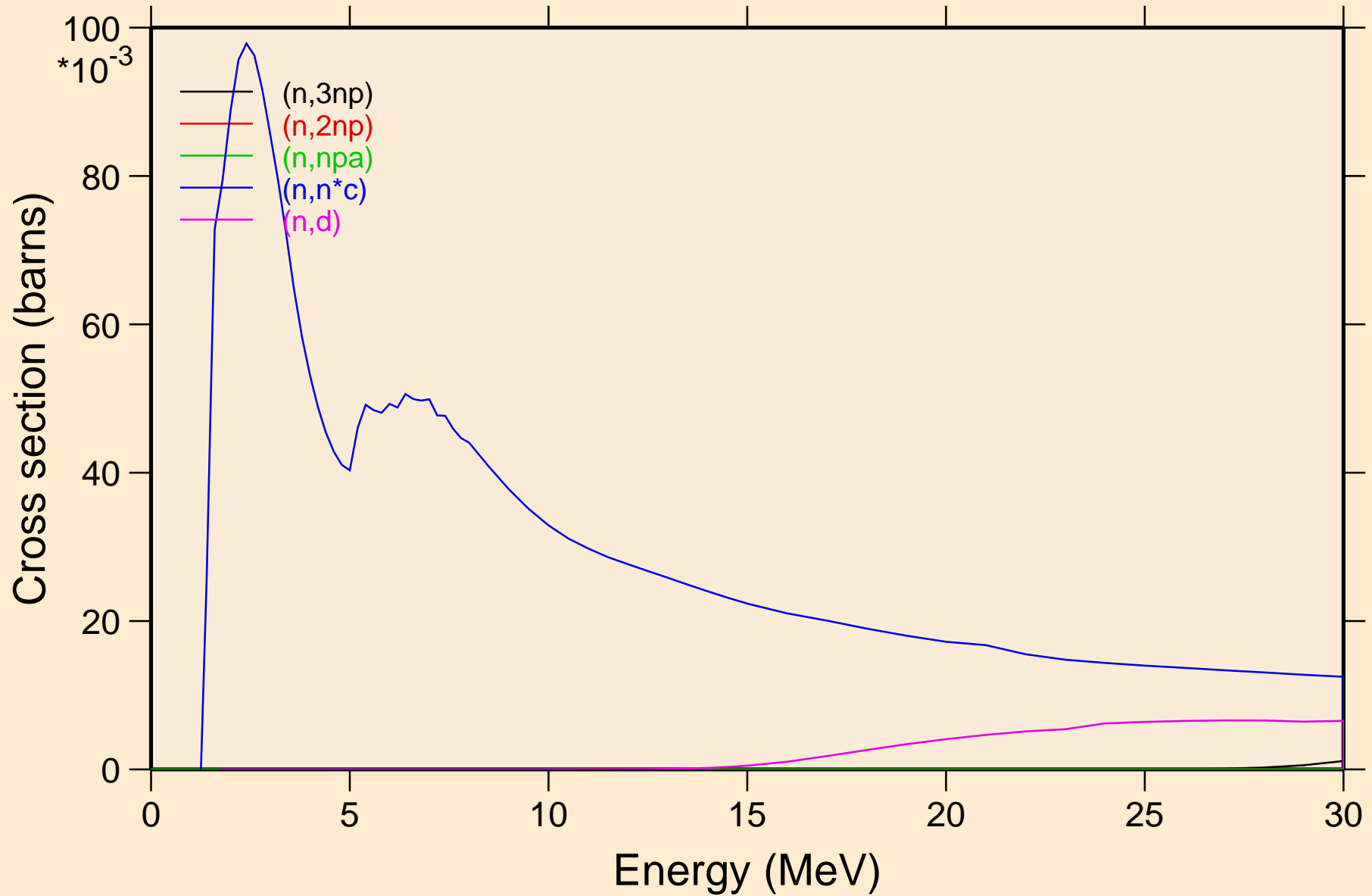
# NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

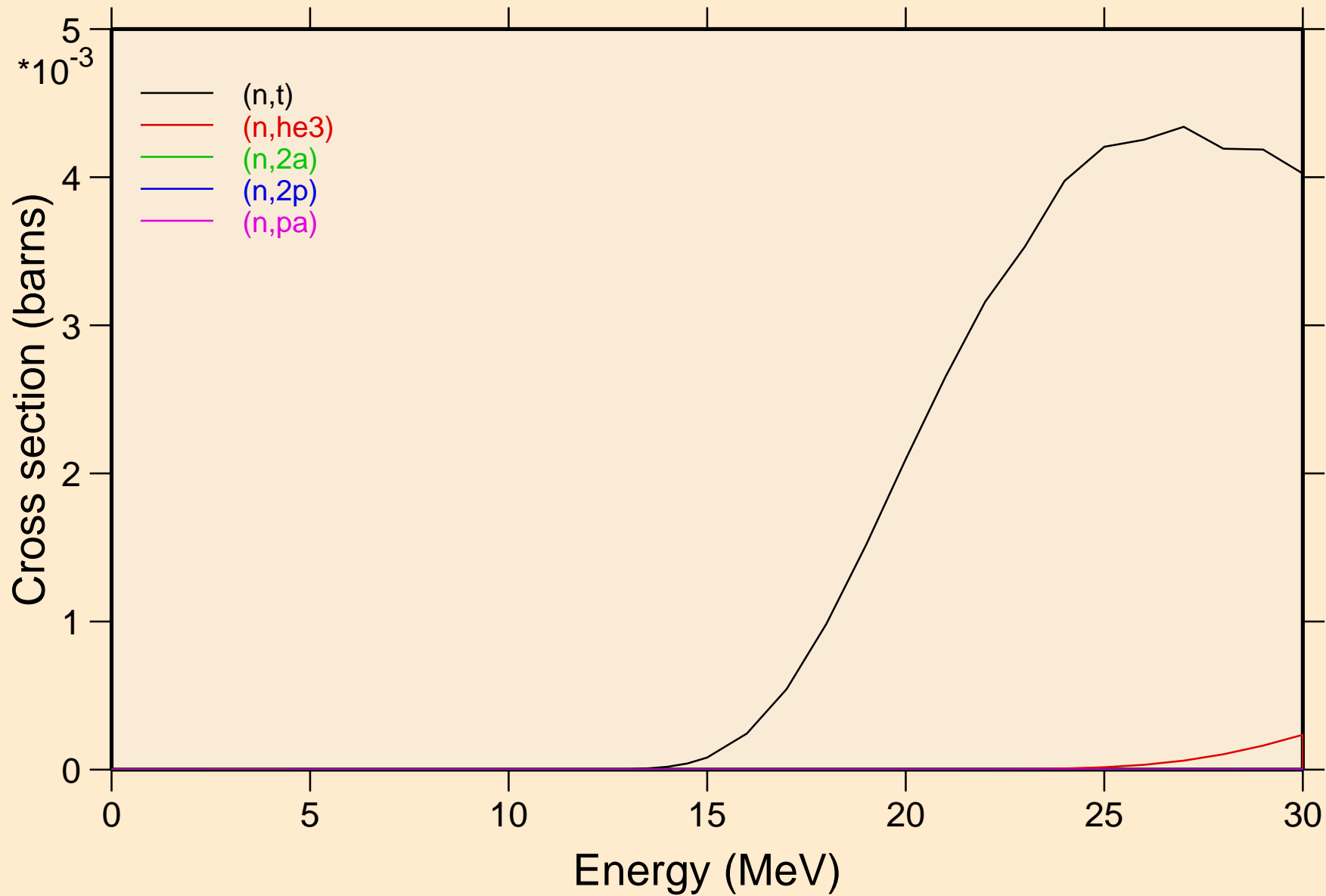


# NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

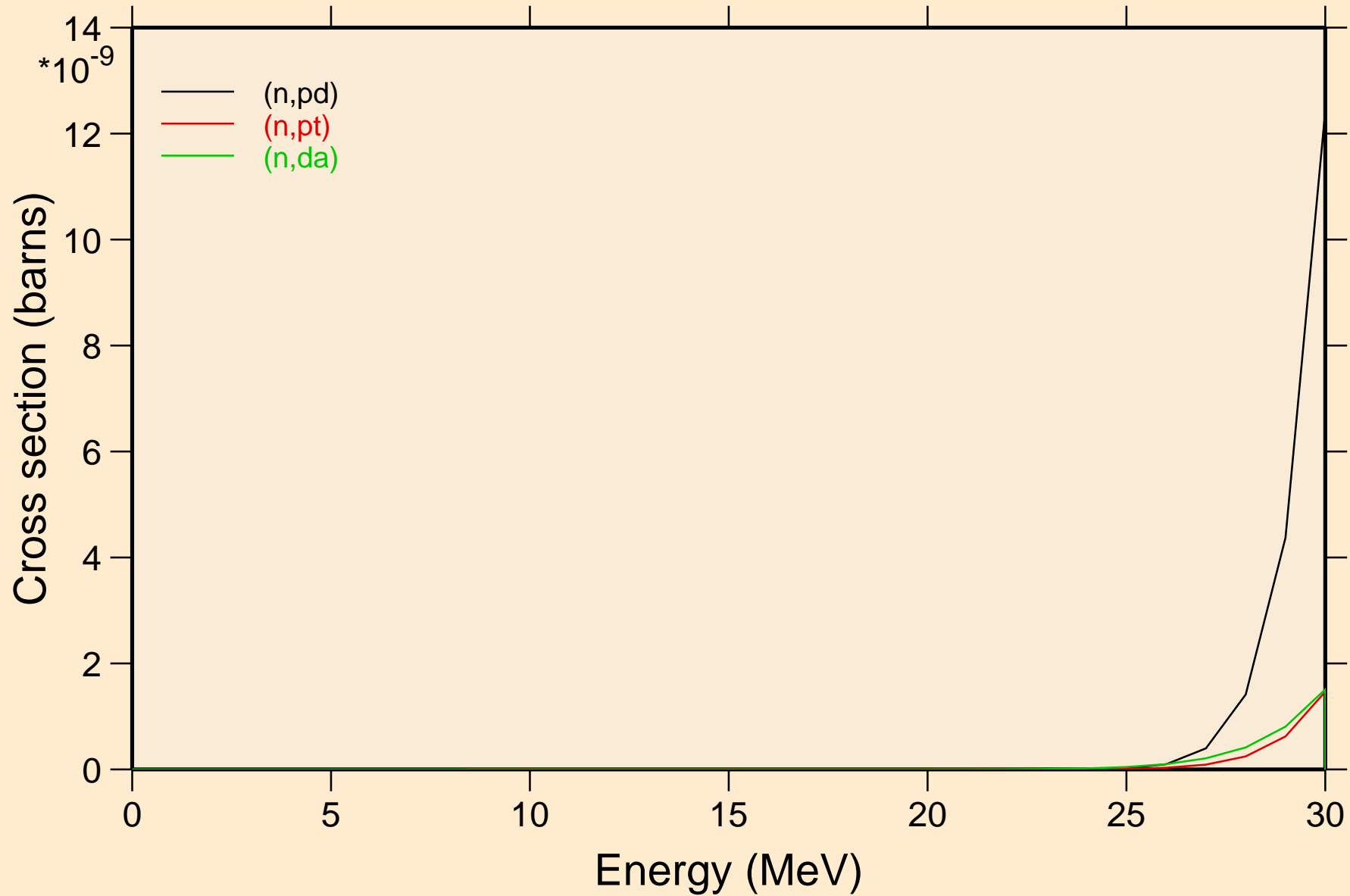
## Threshold reactions



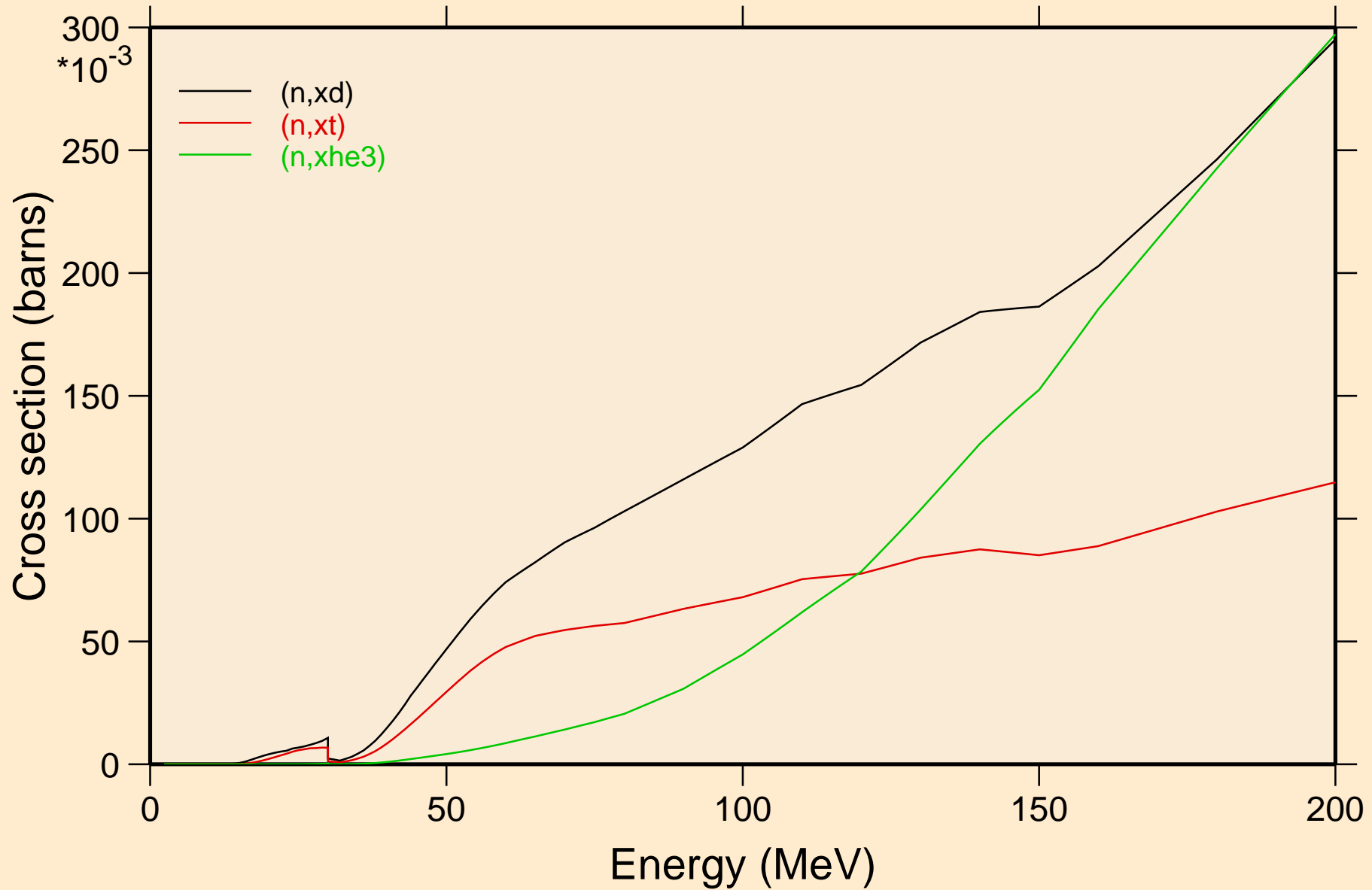
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



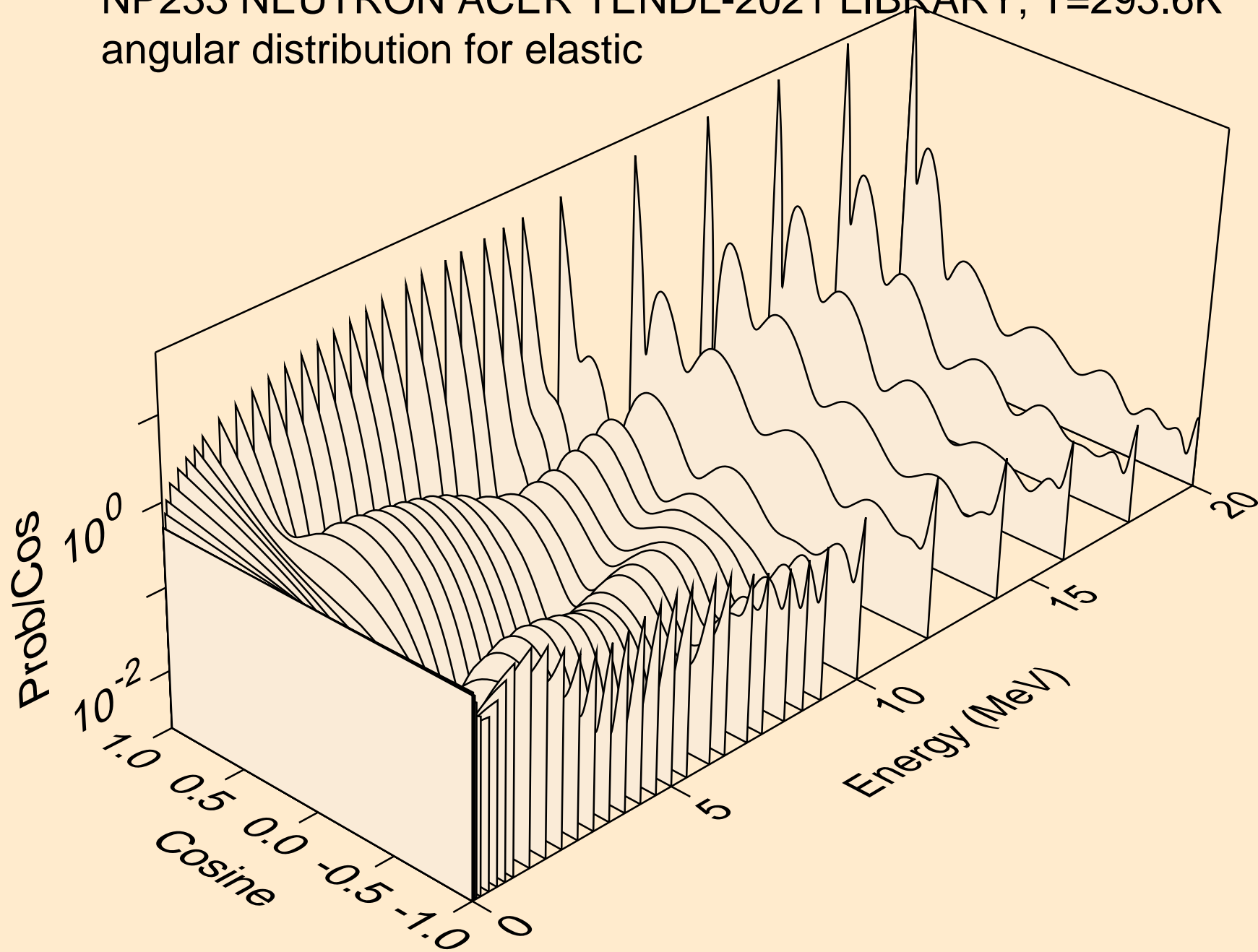
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



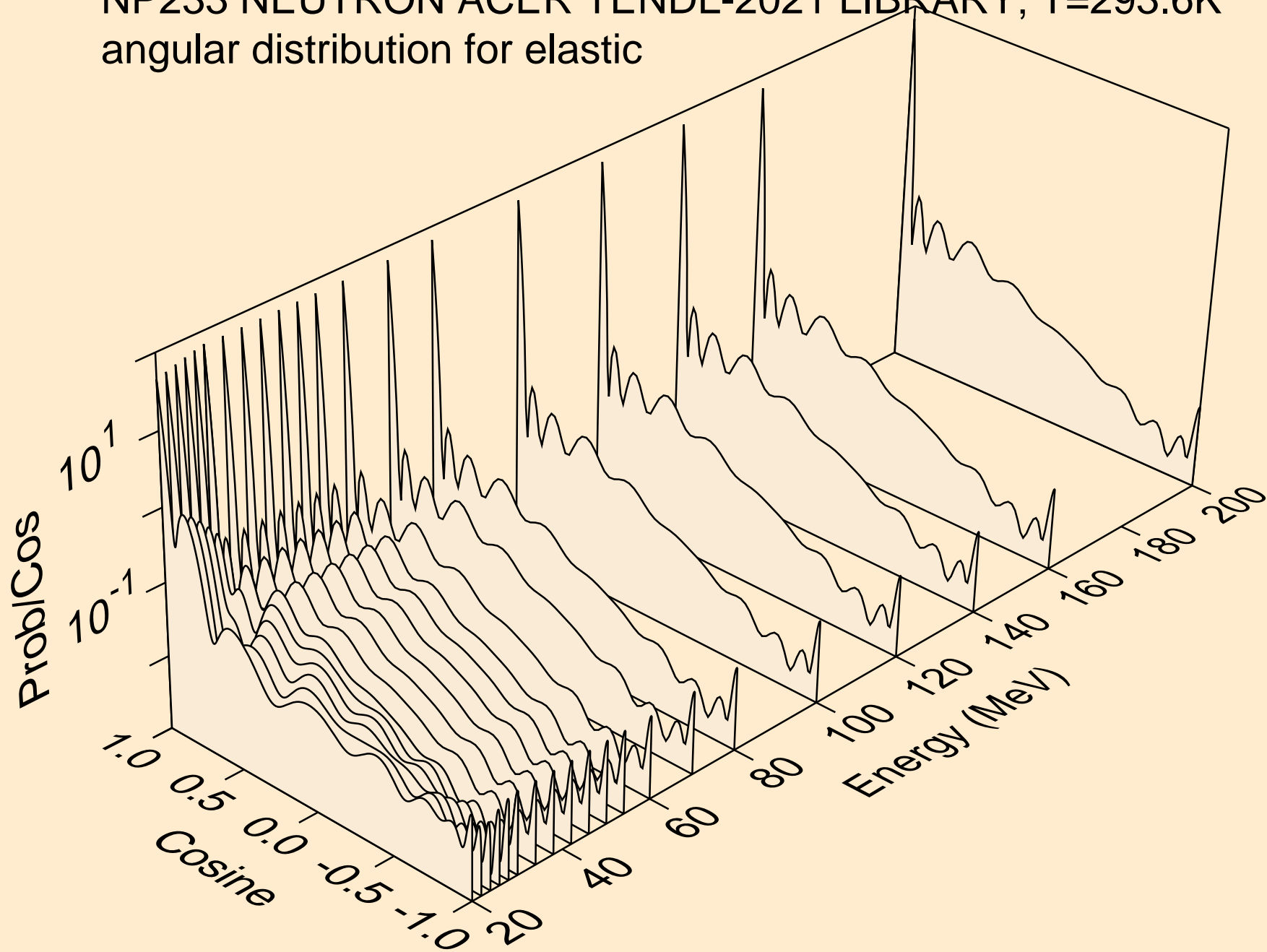
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



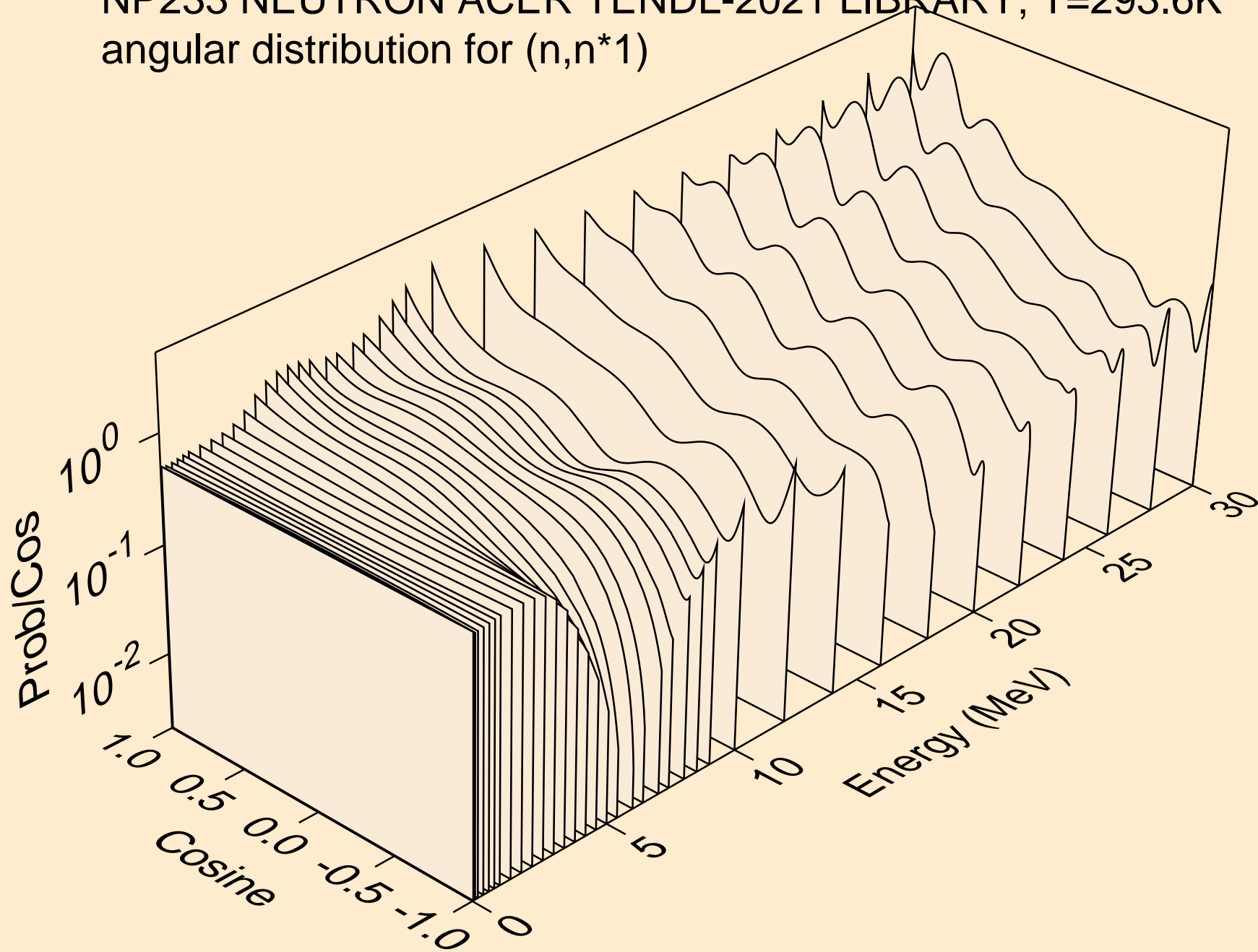
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

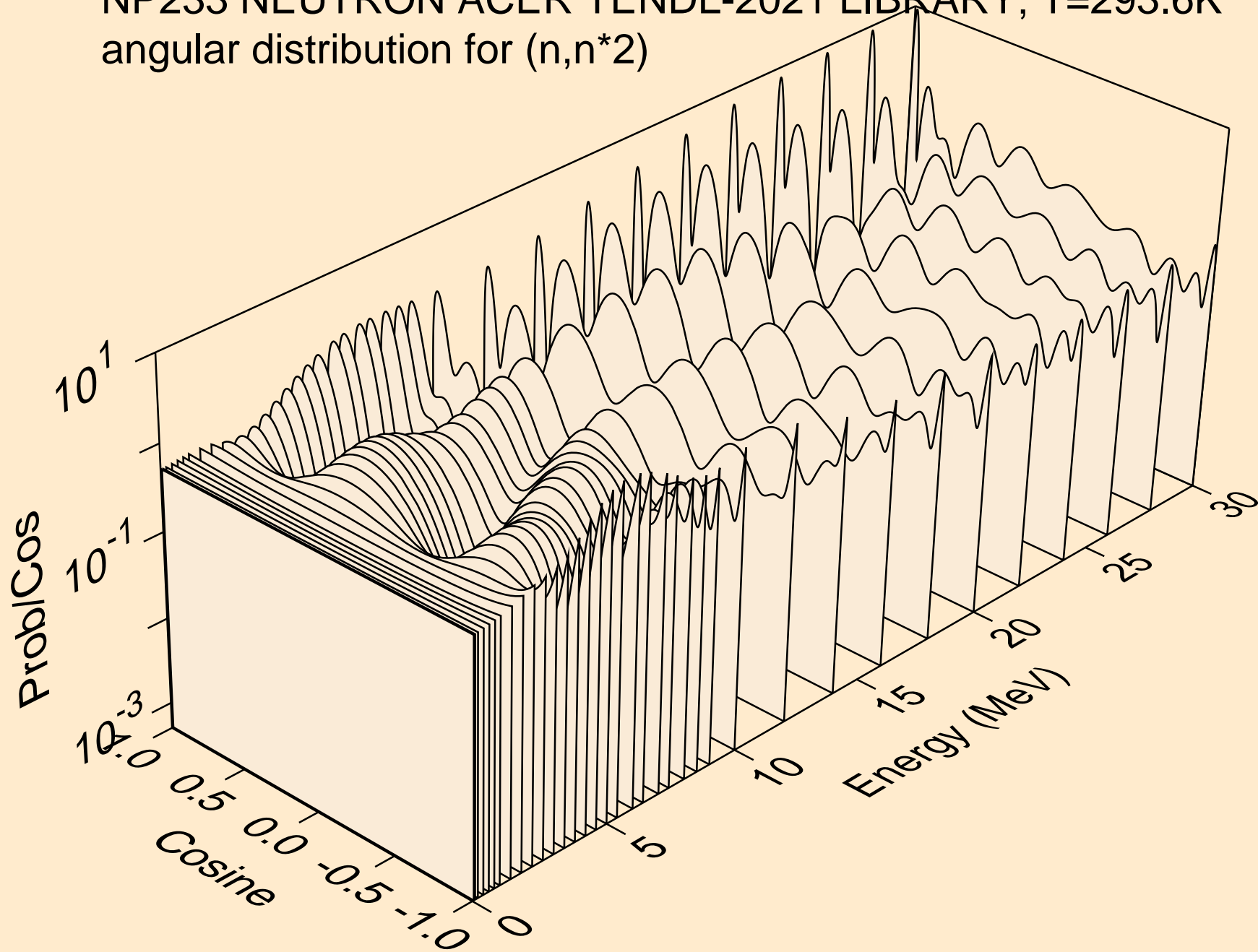


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

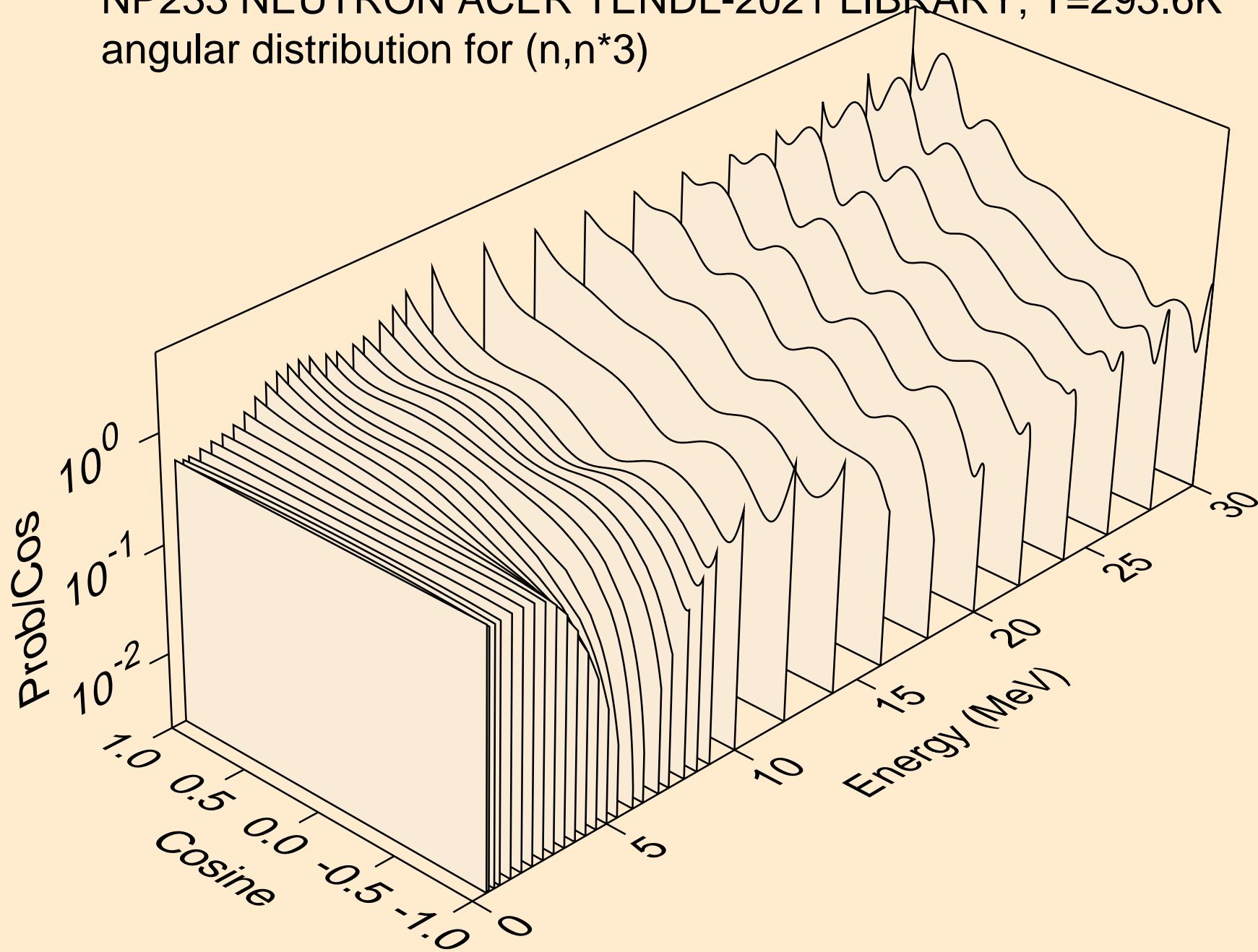




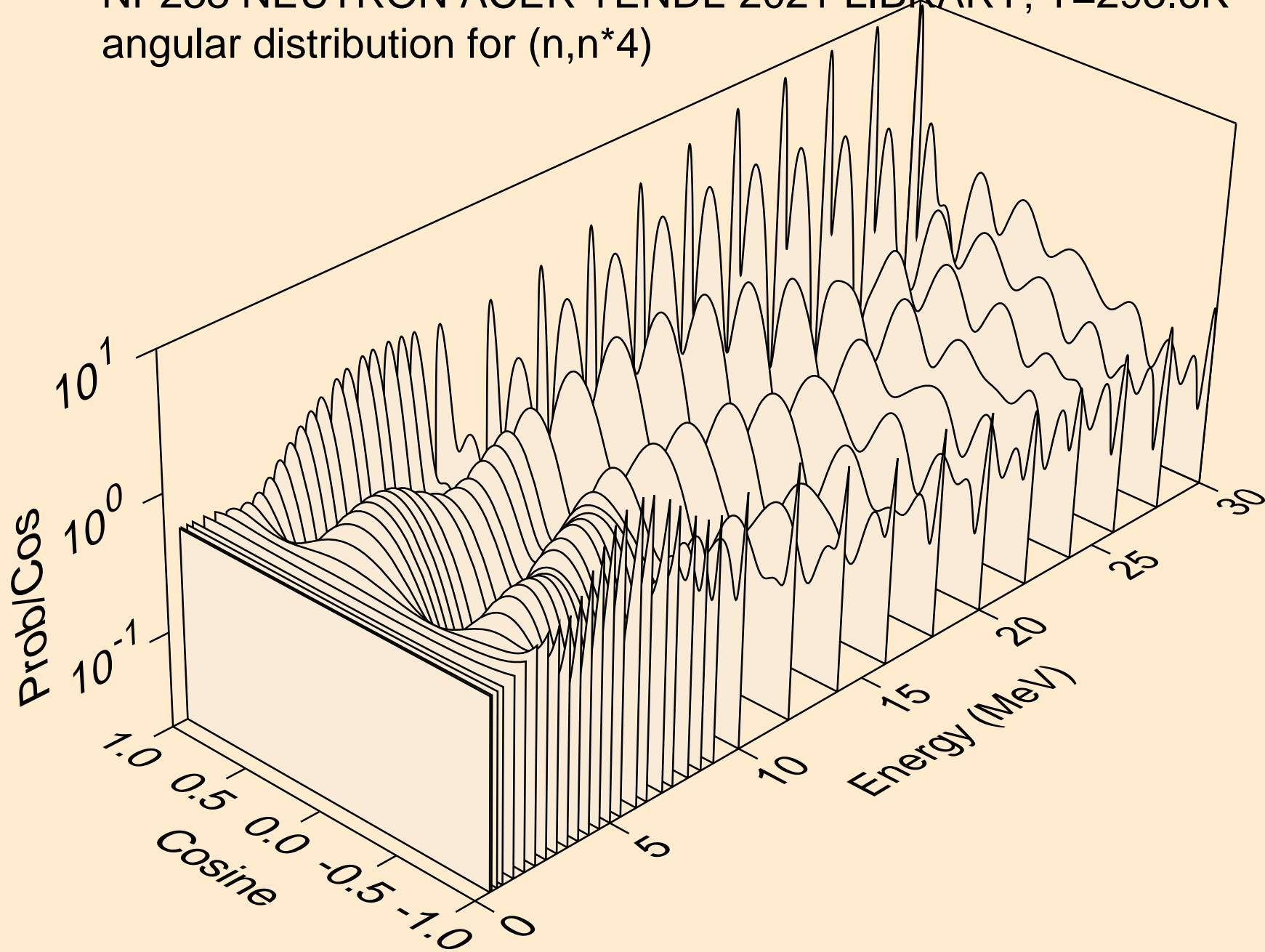
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



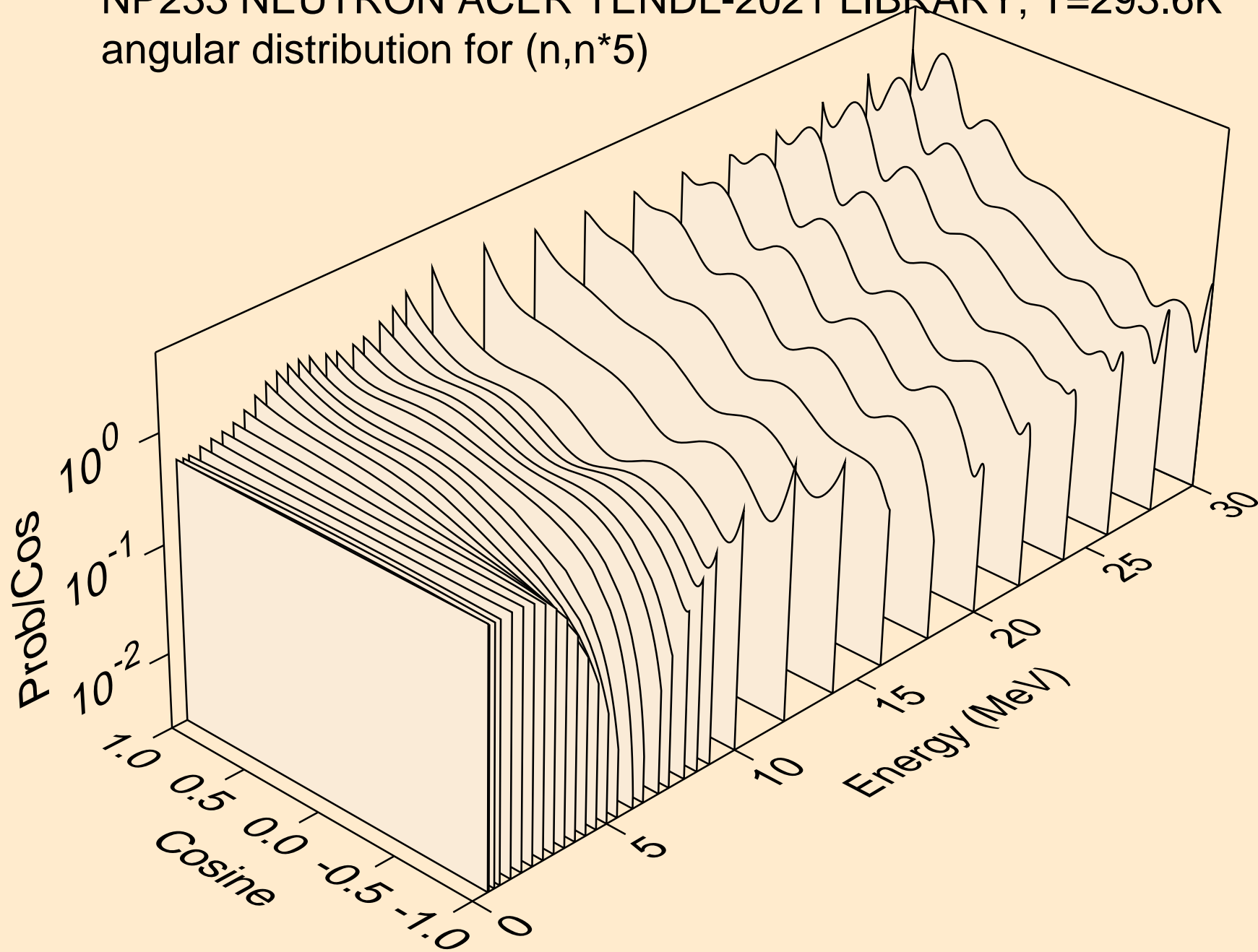
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



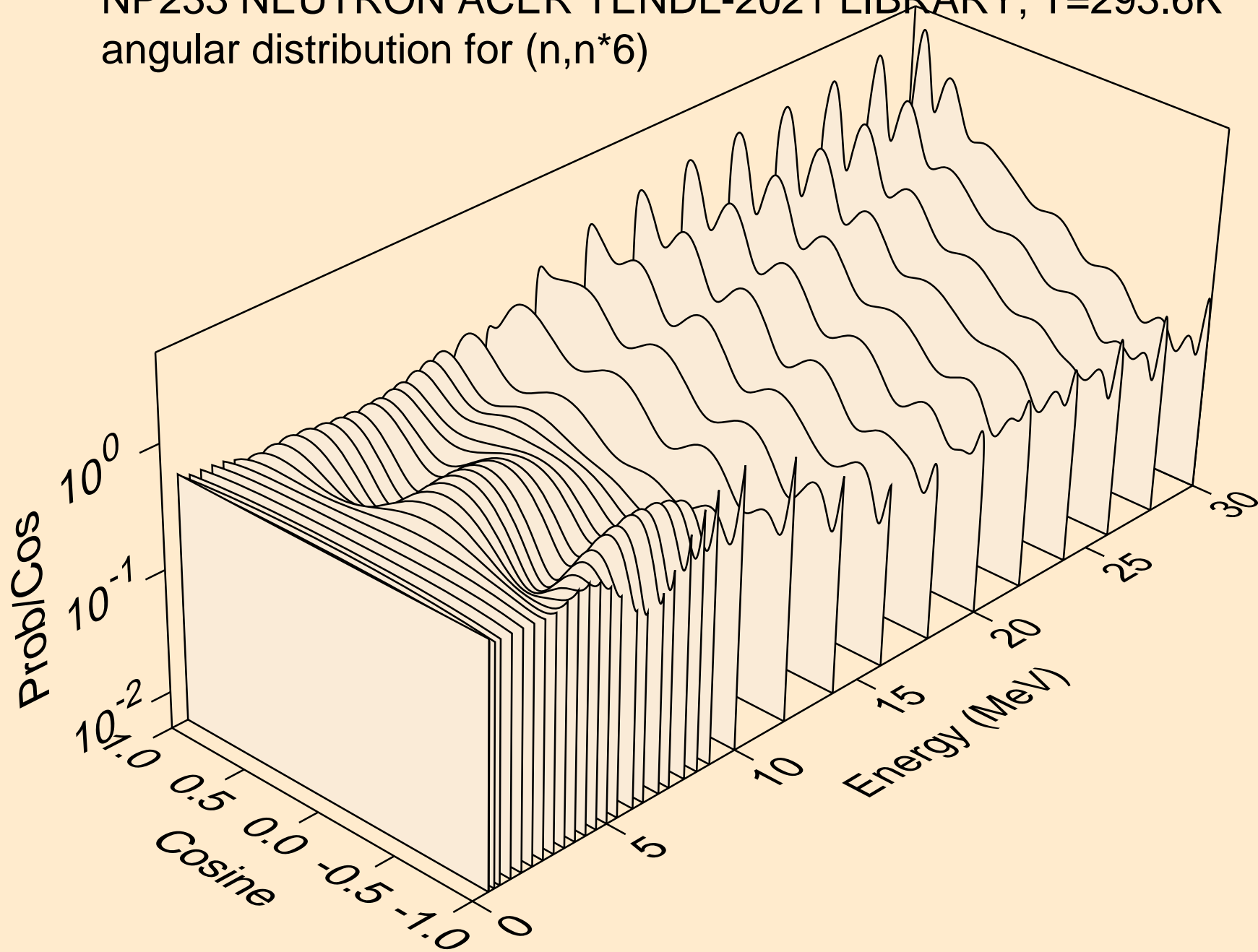
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



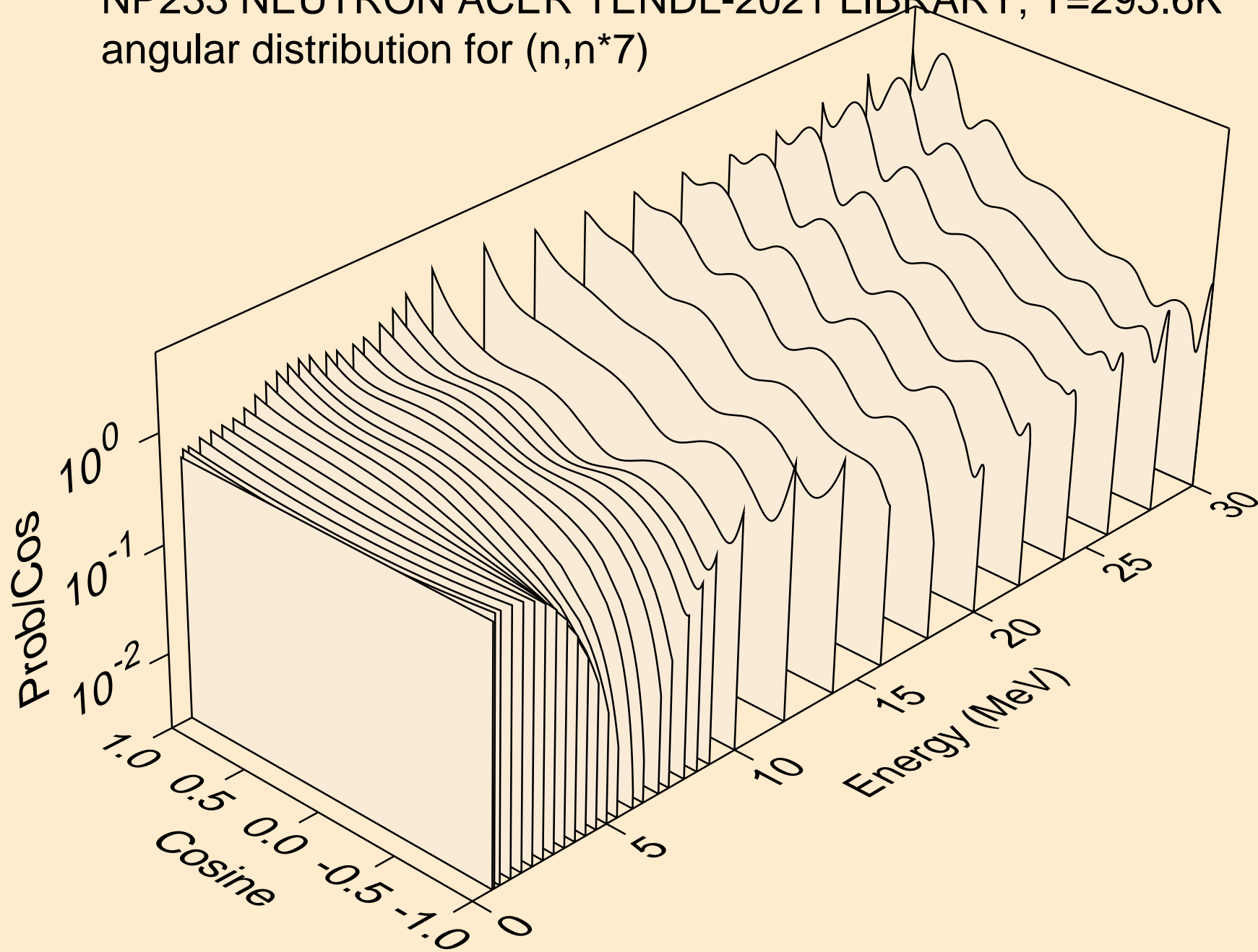
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



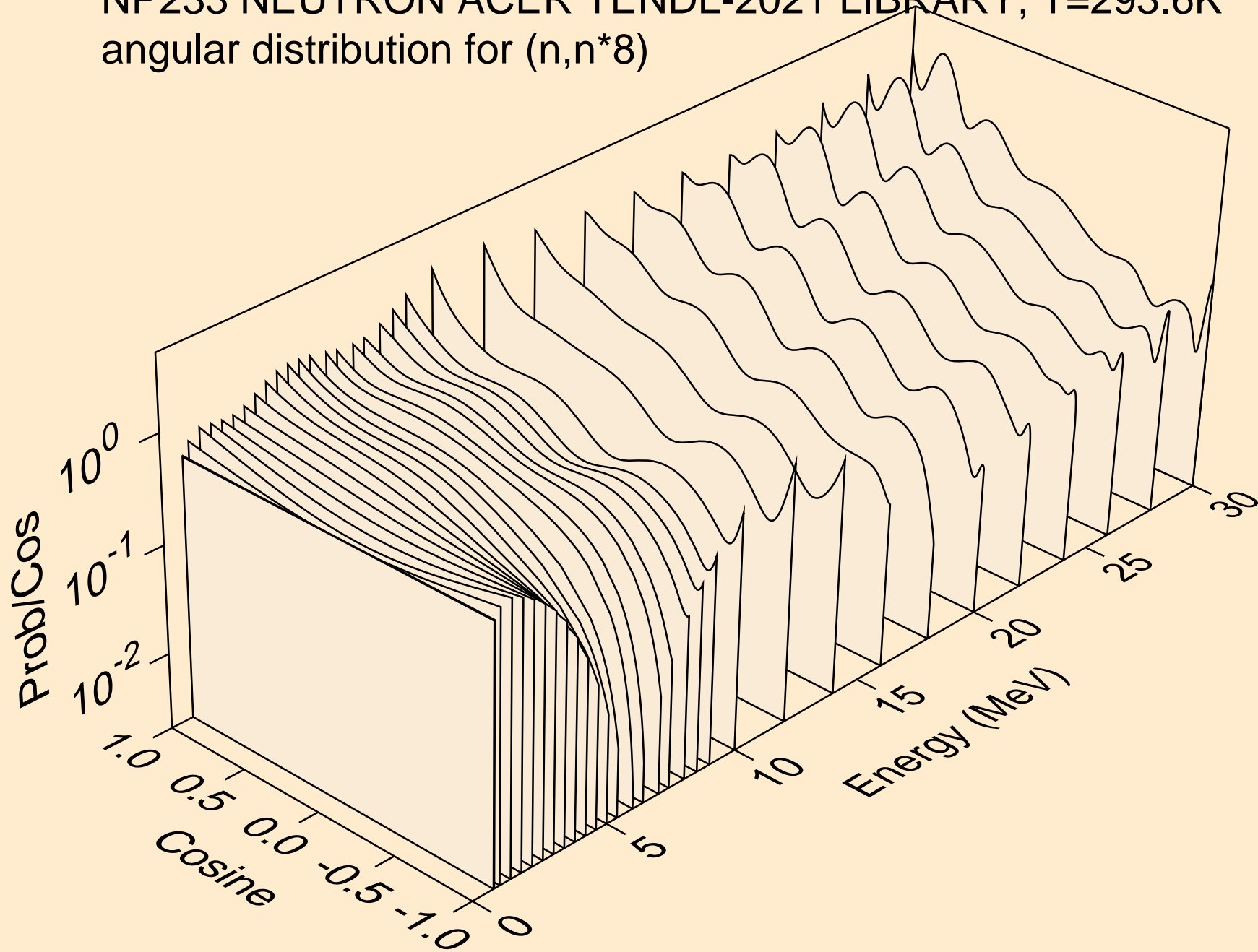
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



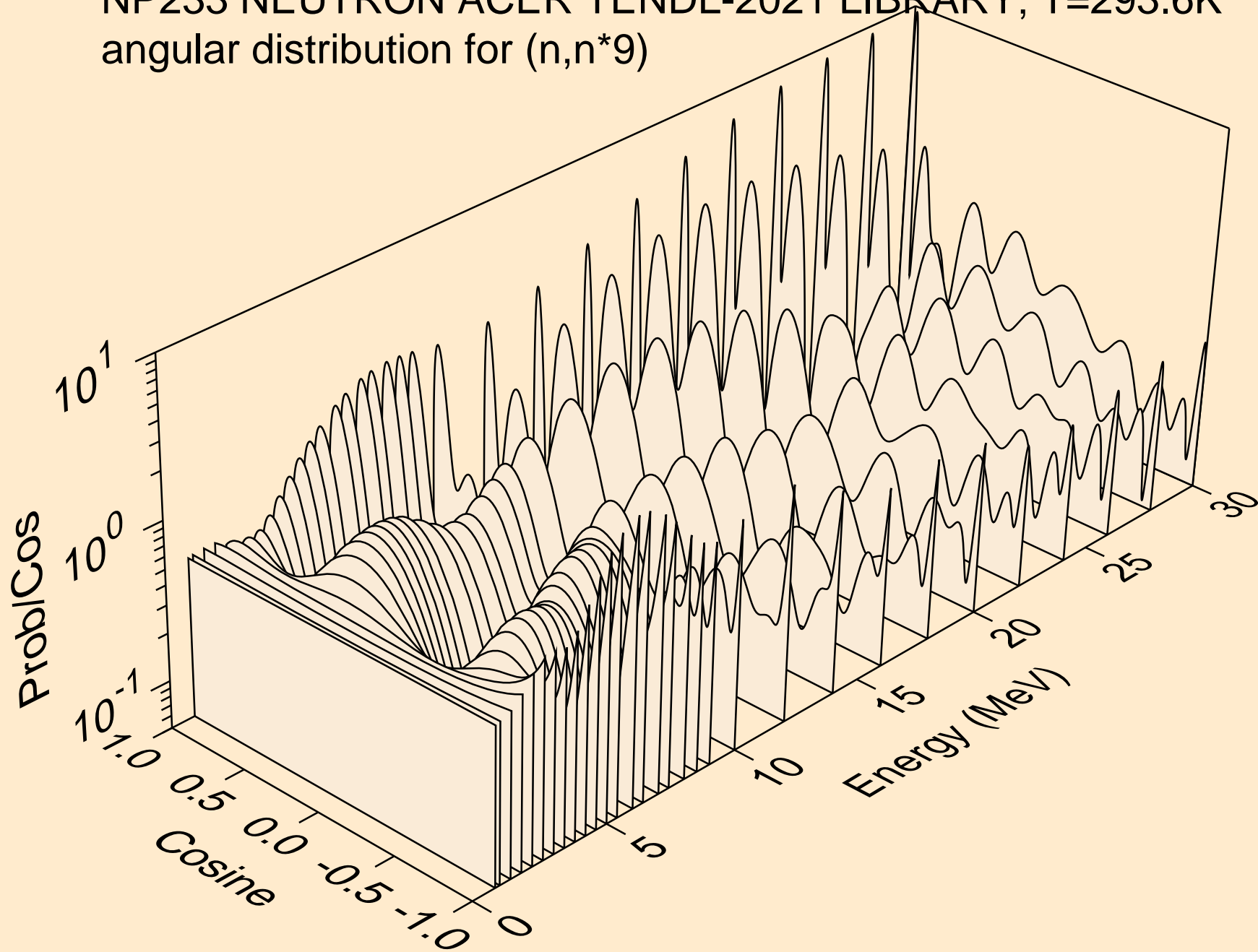
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

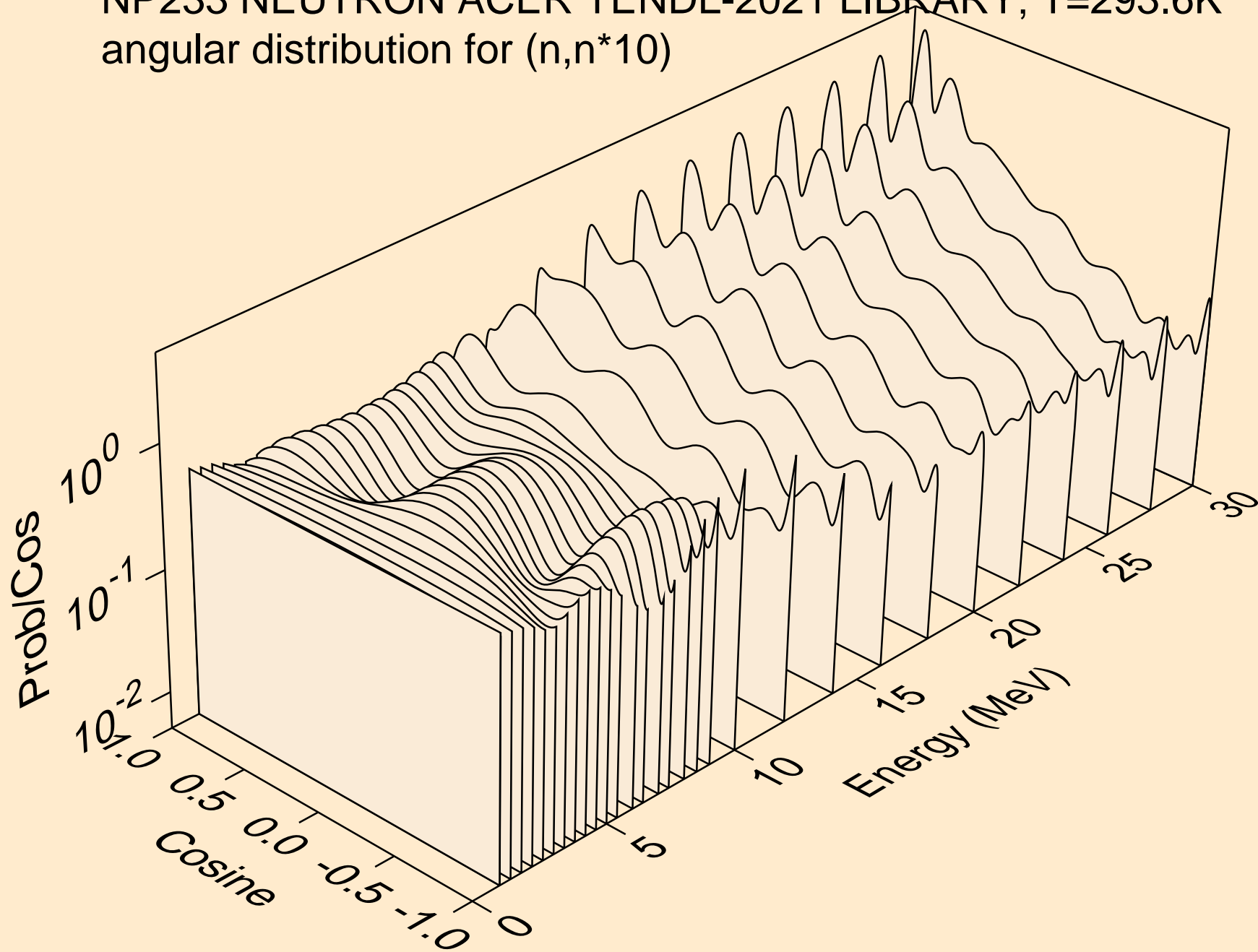


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

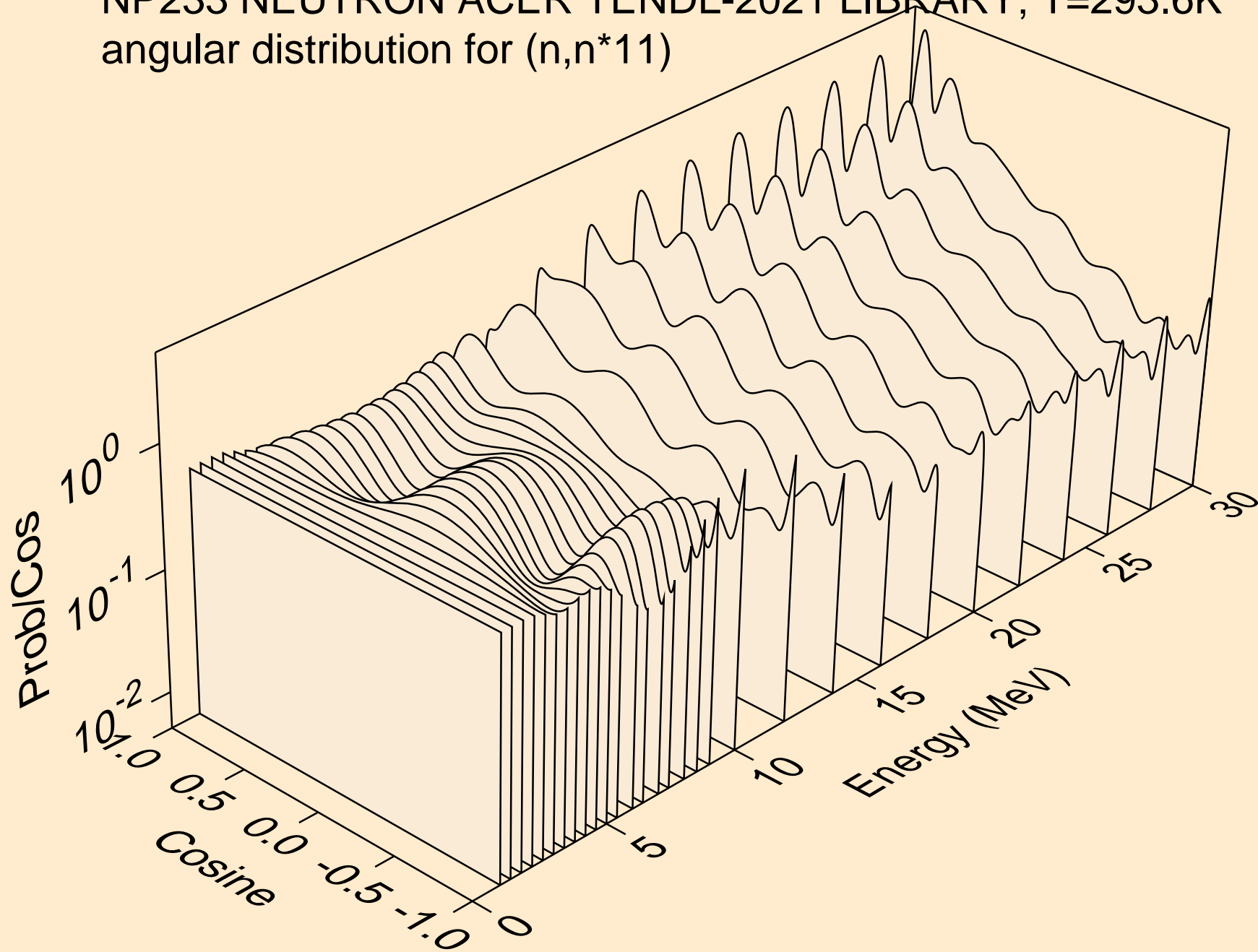




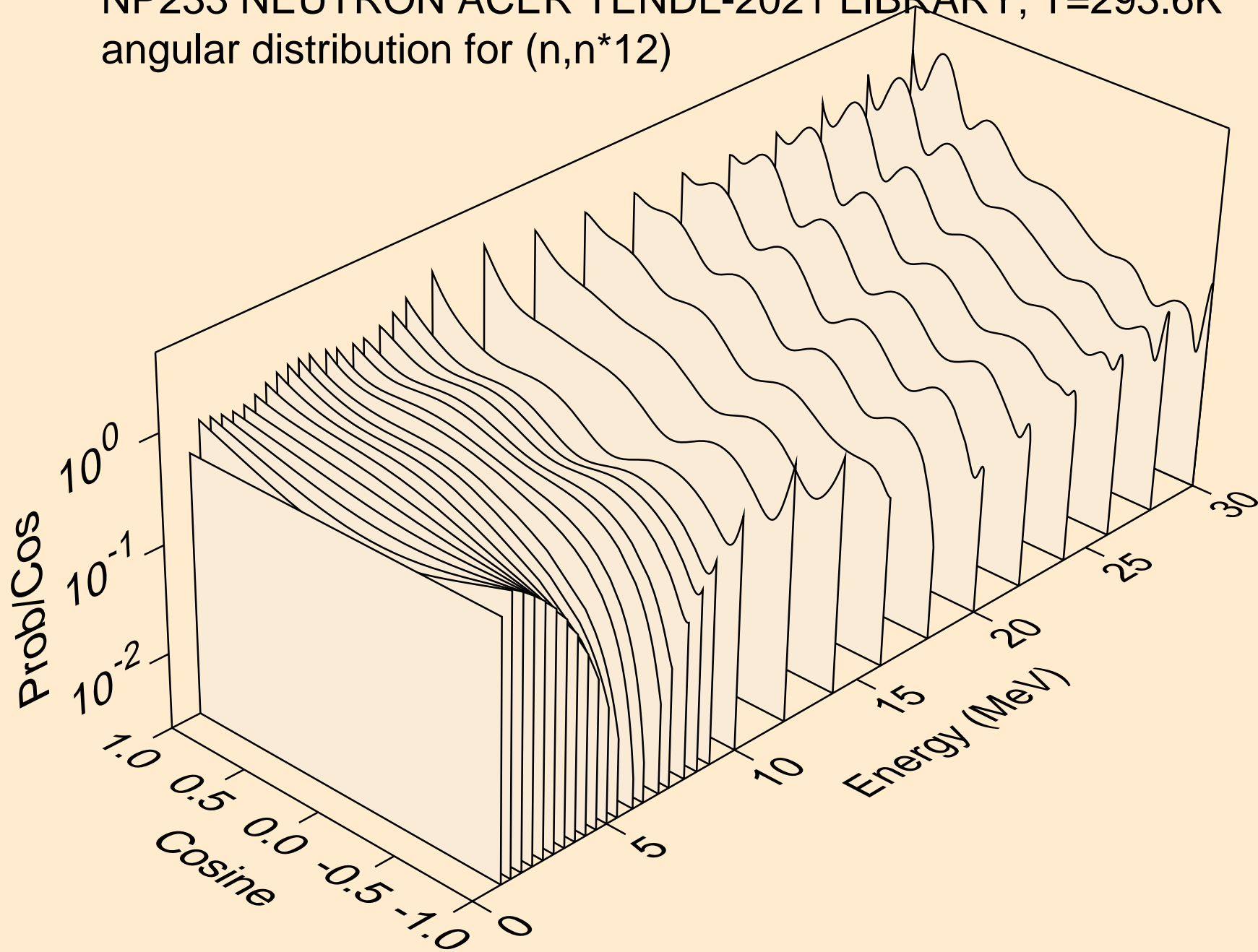
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



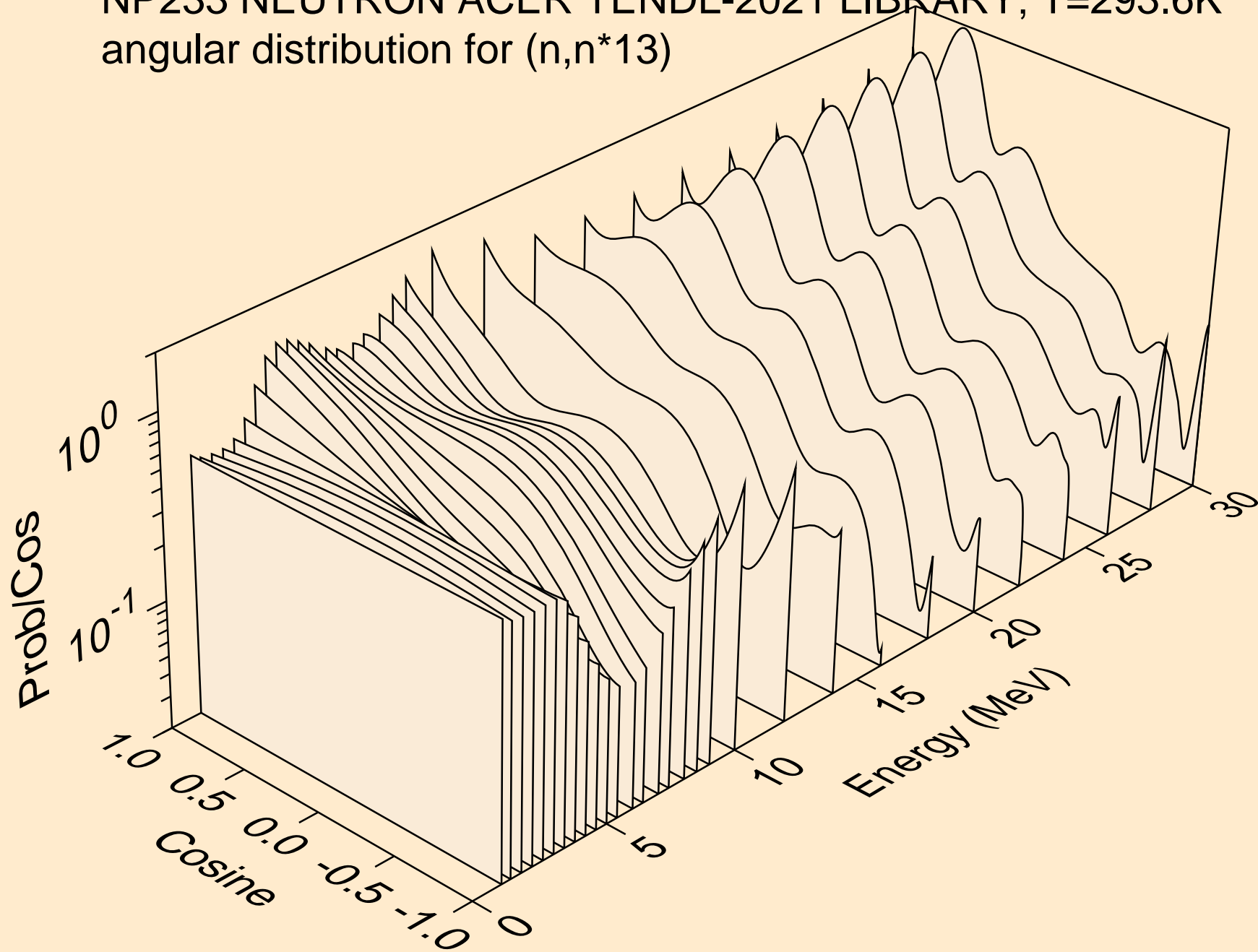
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



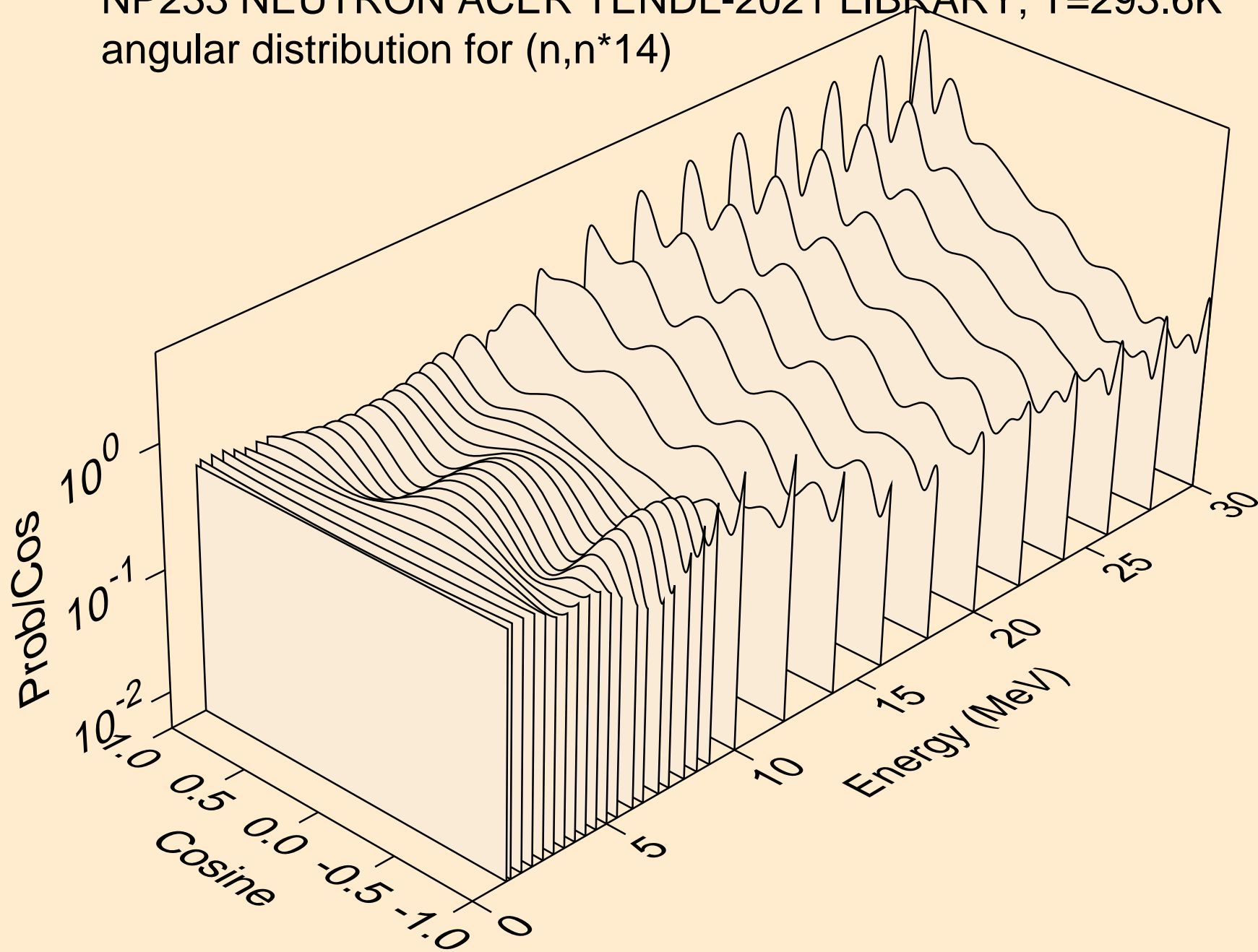
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



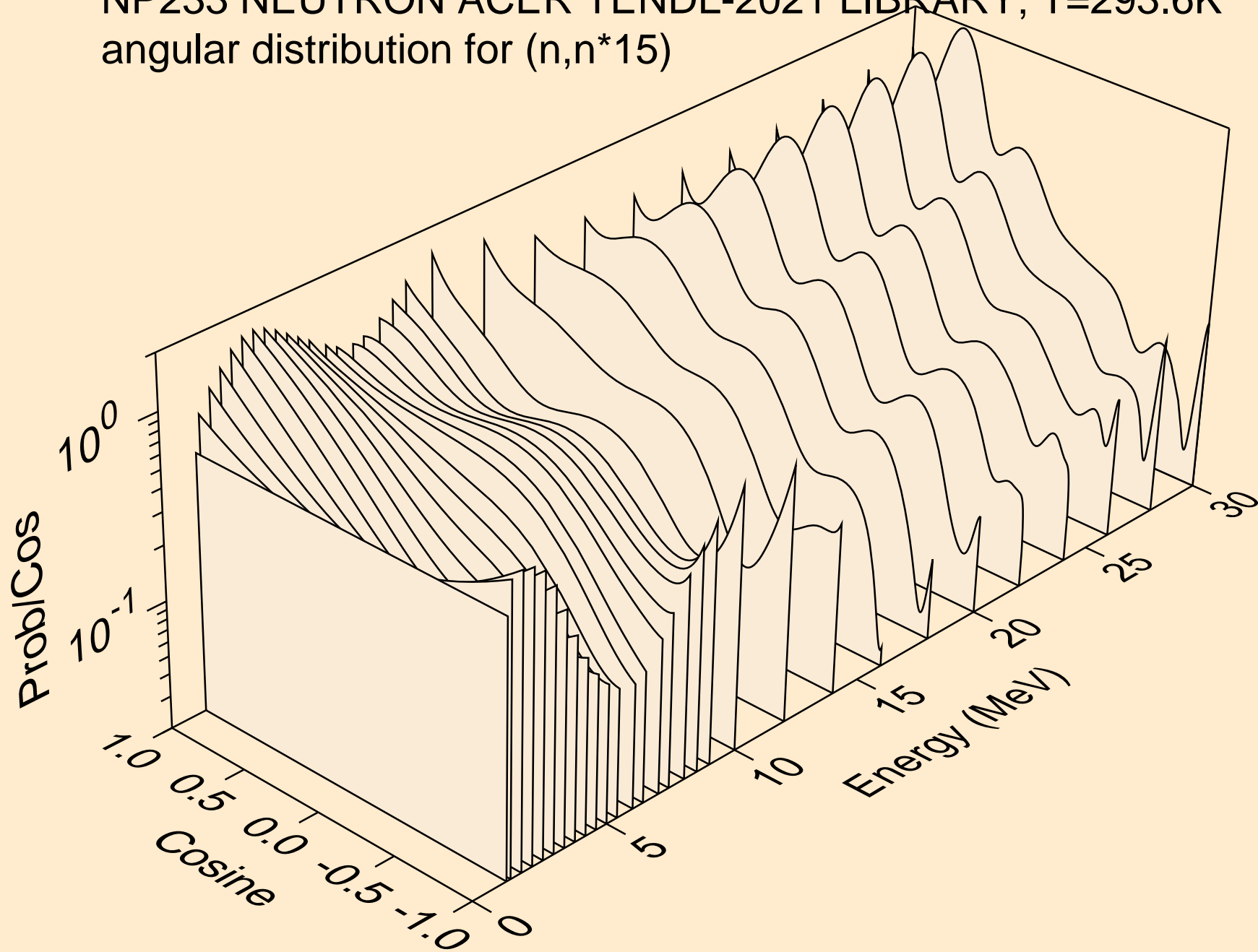
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



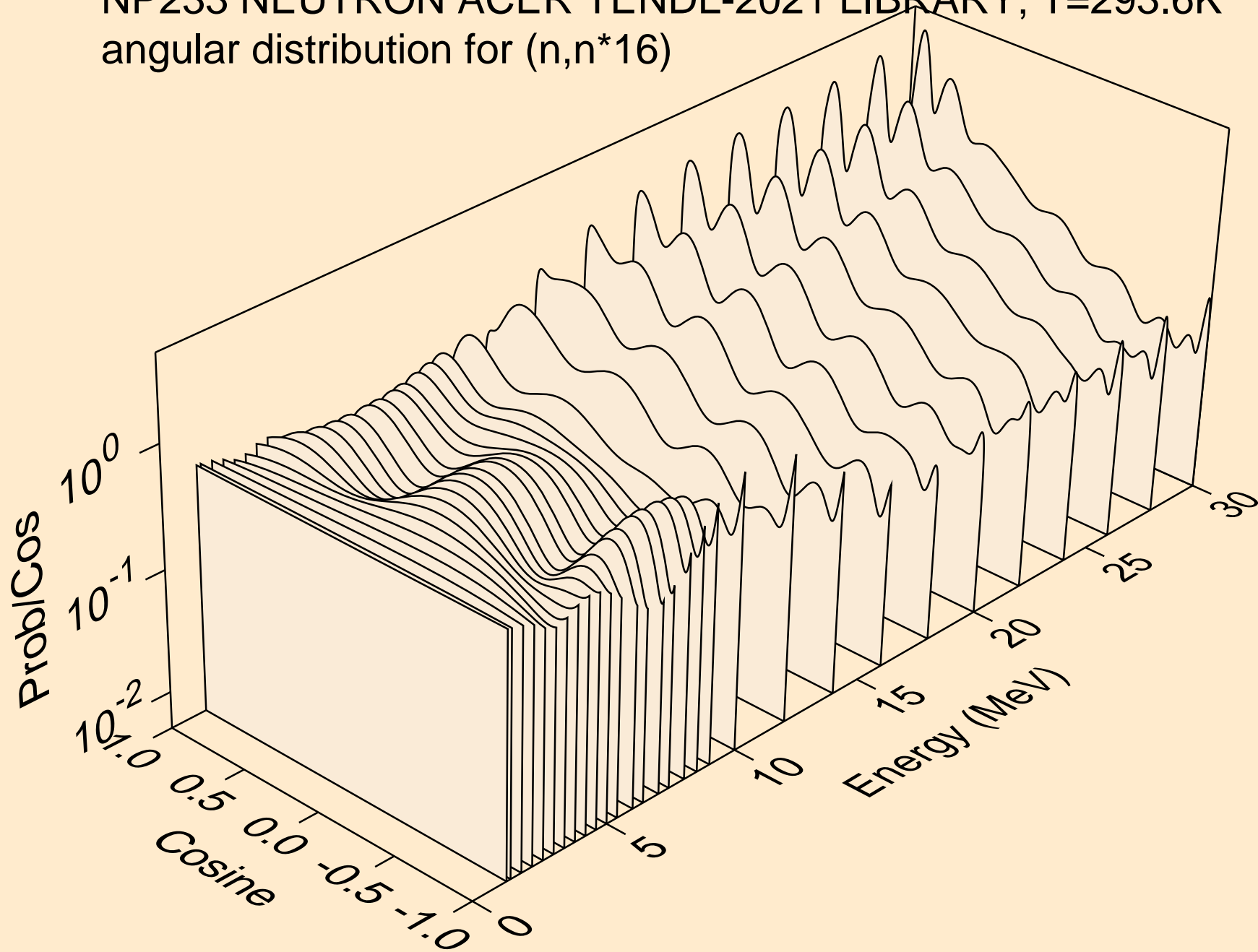
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



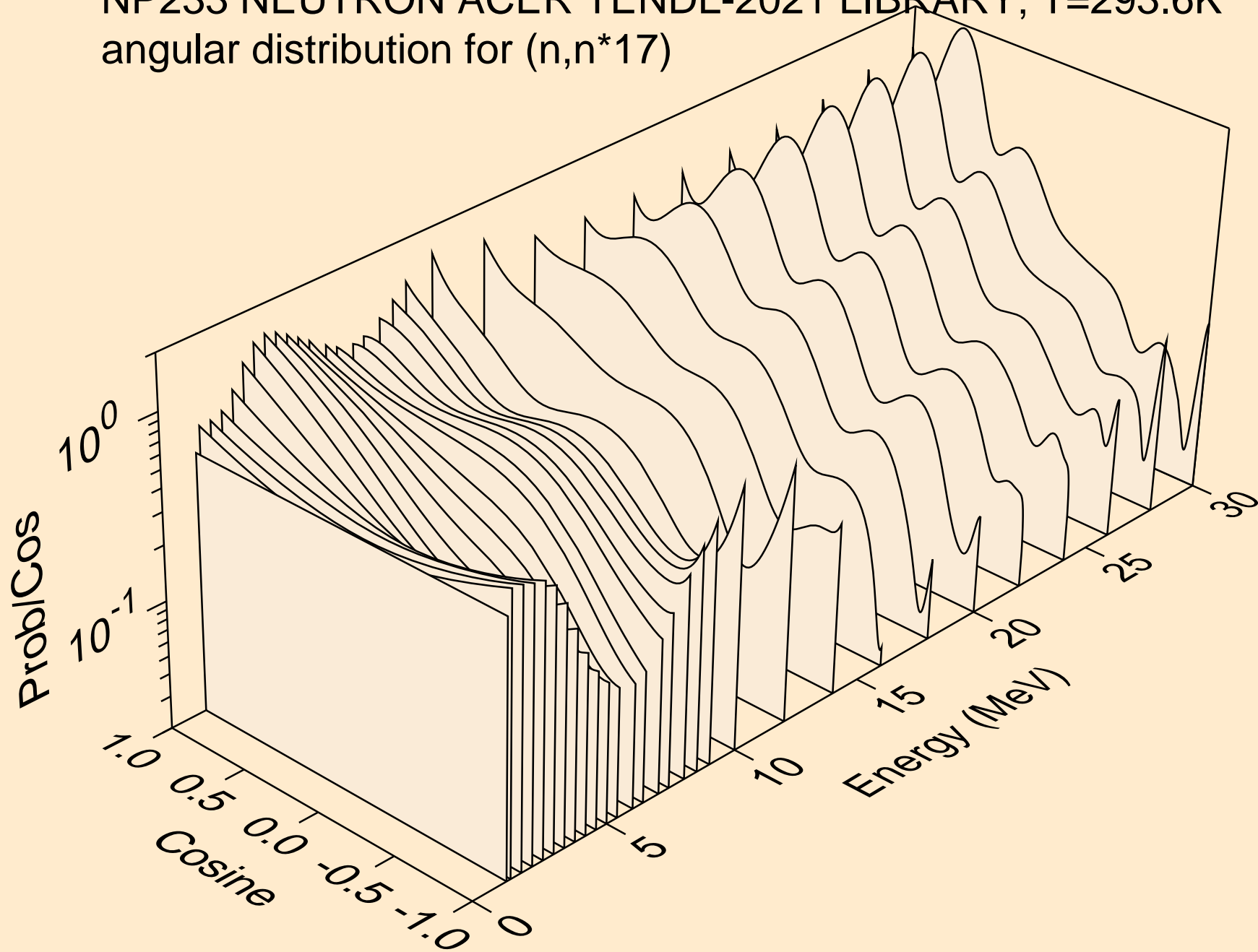
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

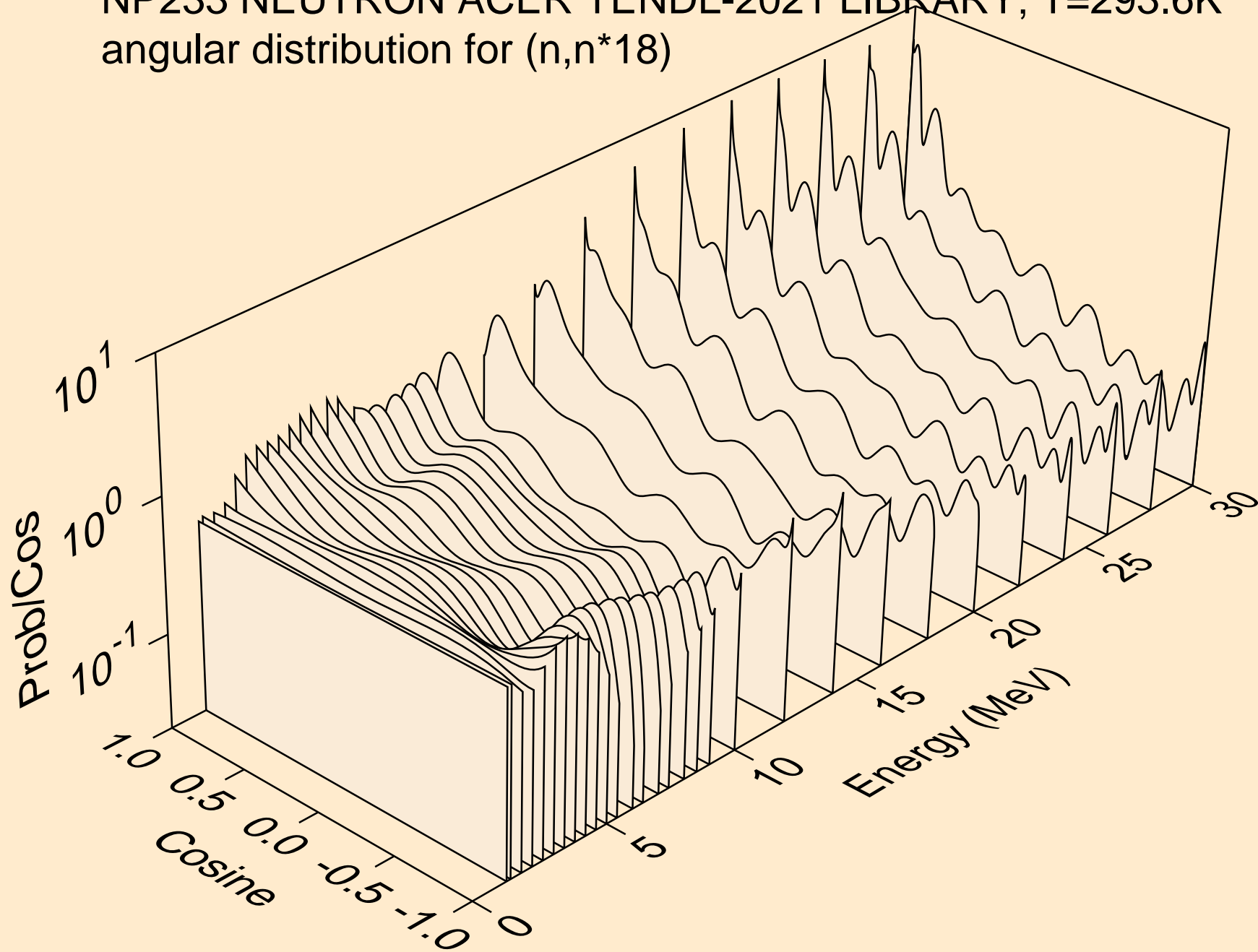


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

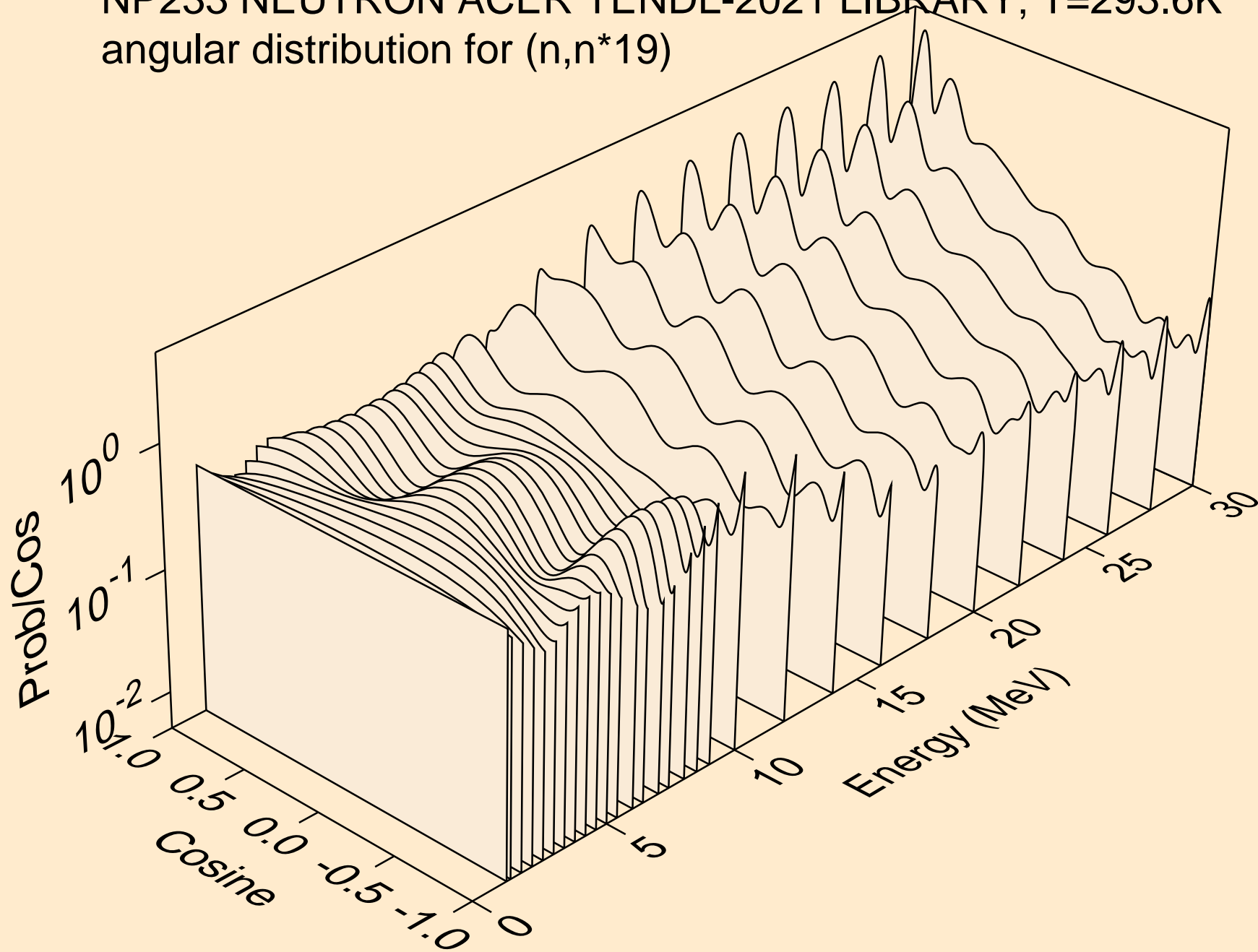




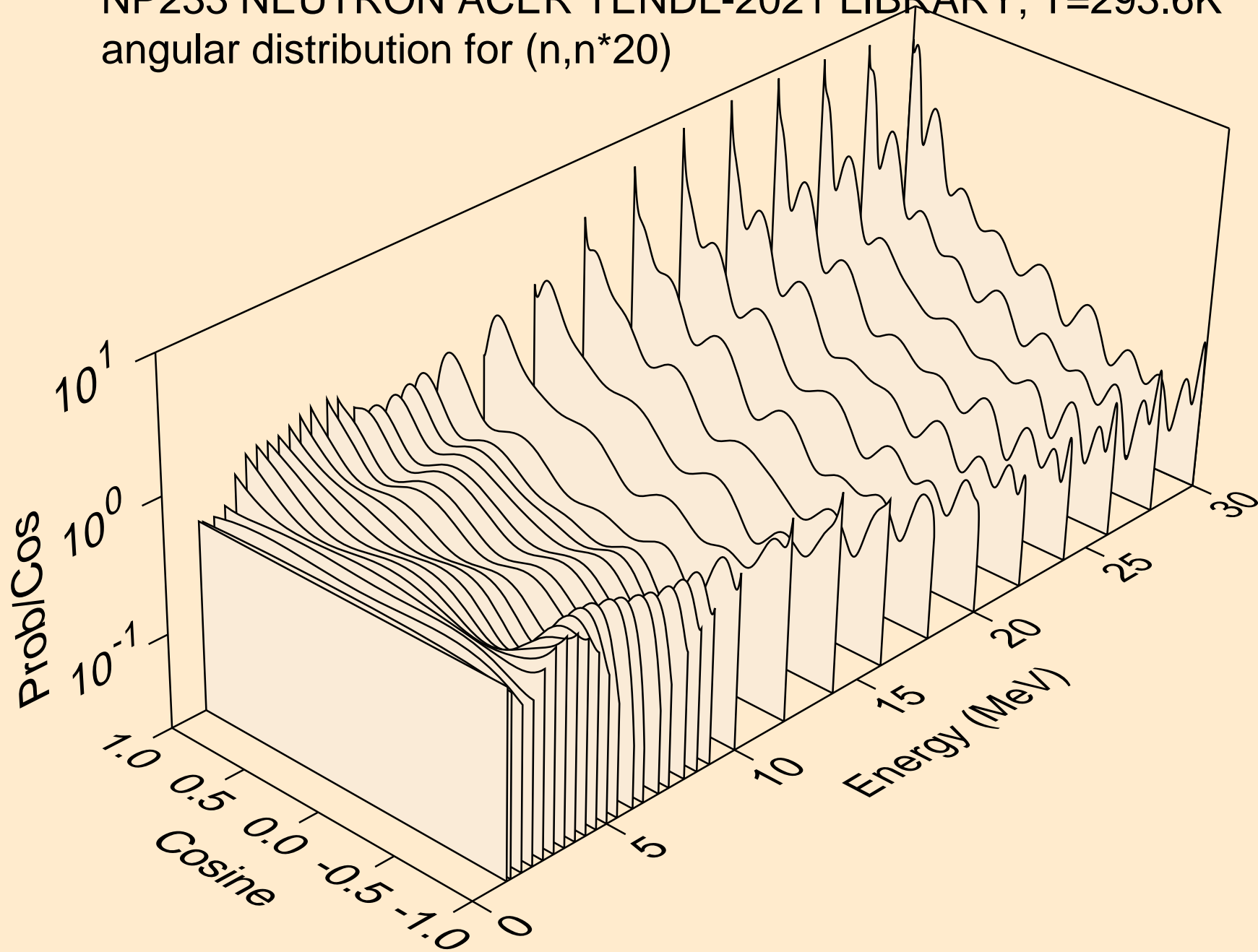
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



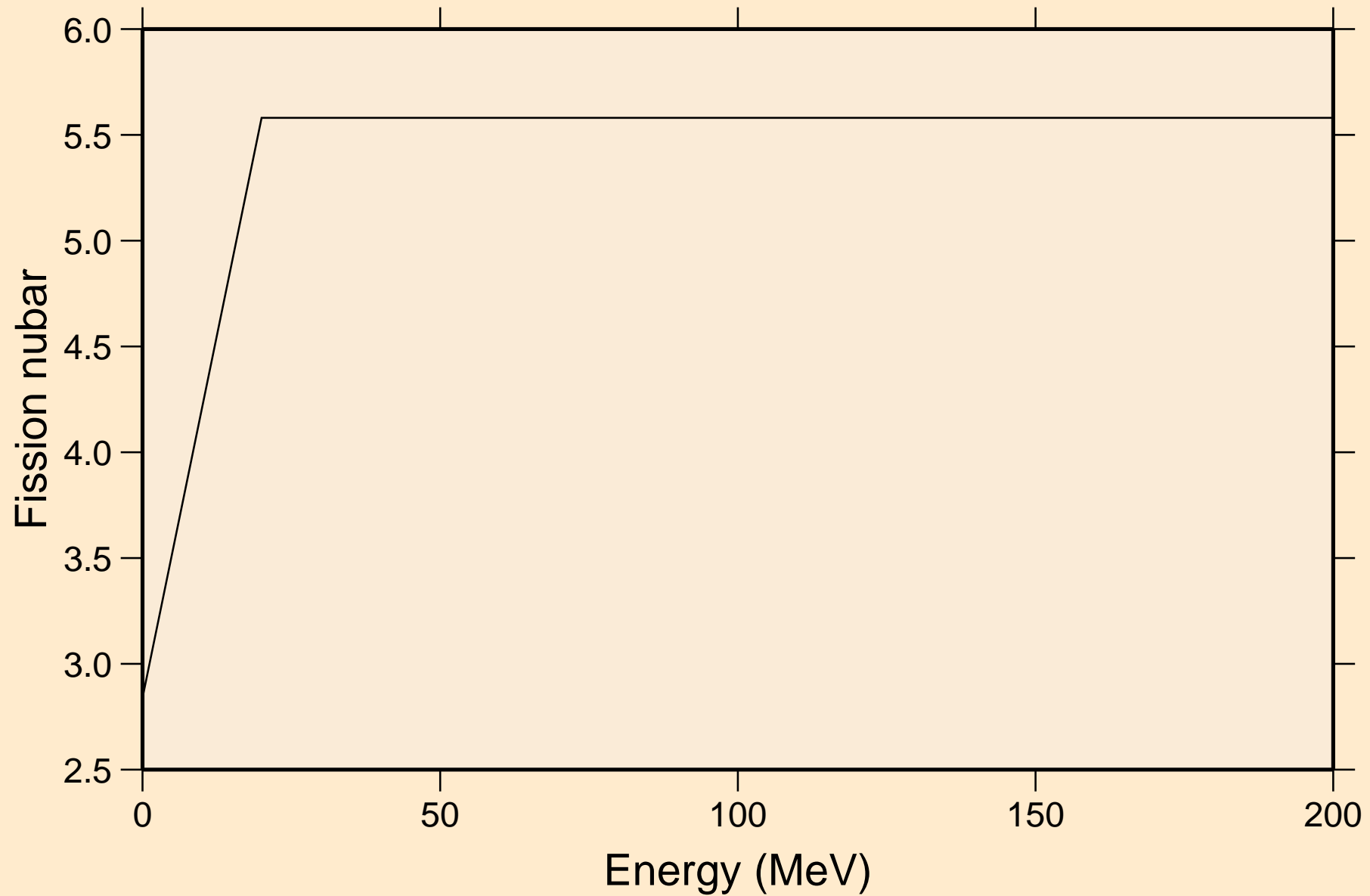
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



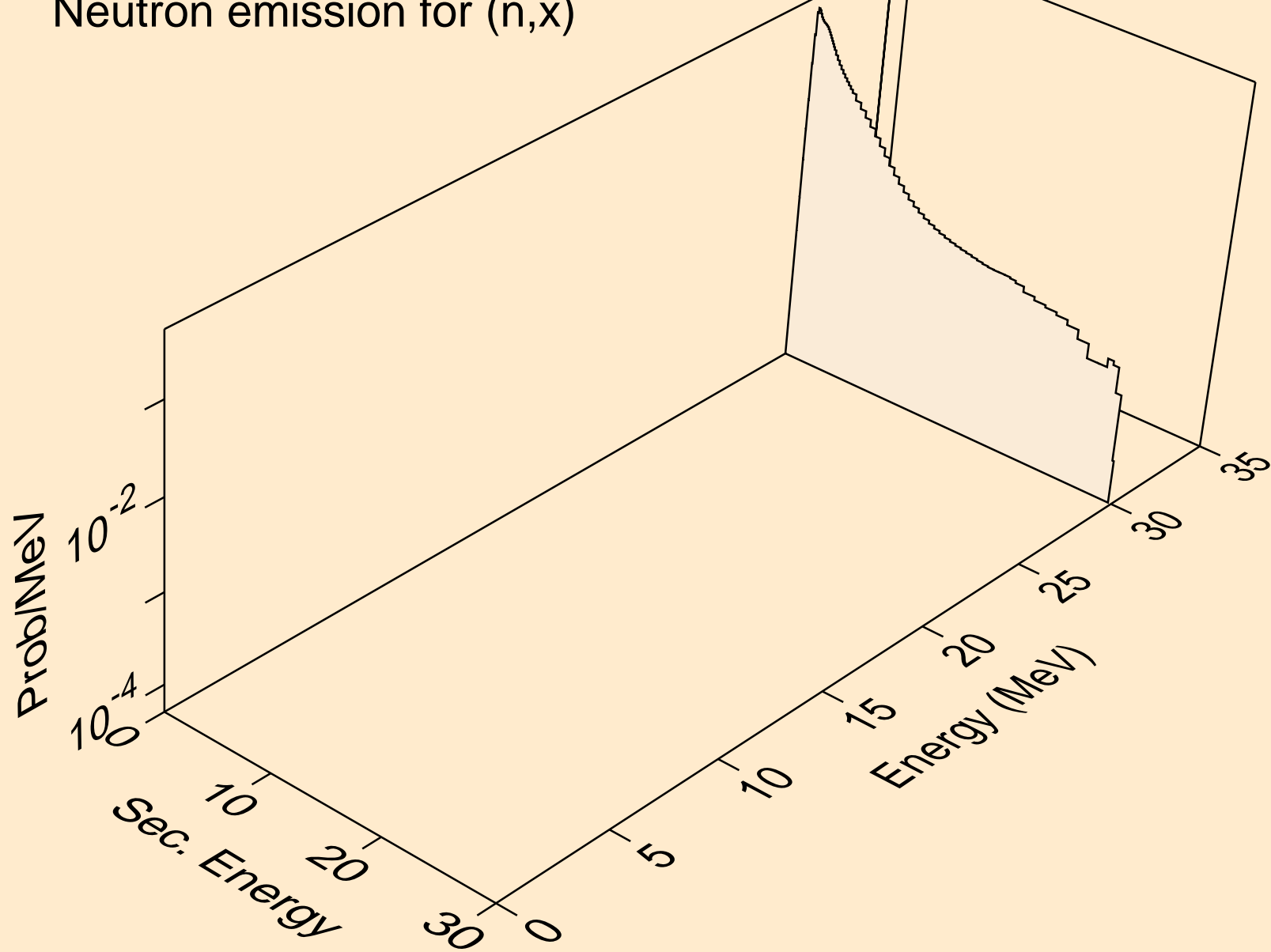
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



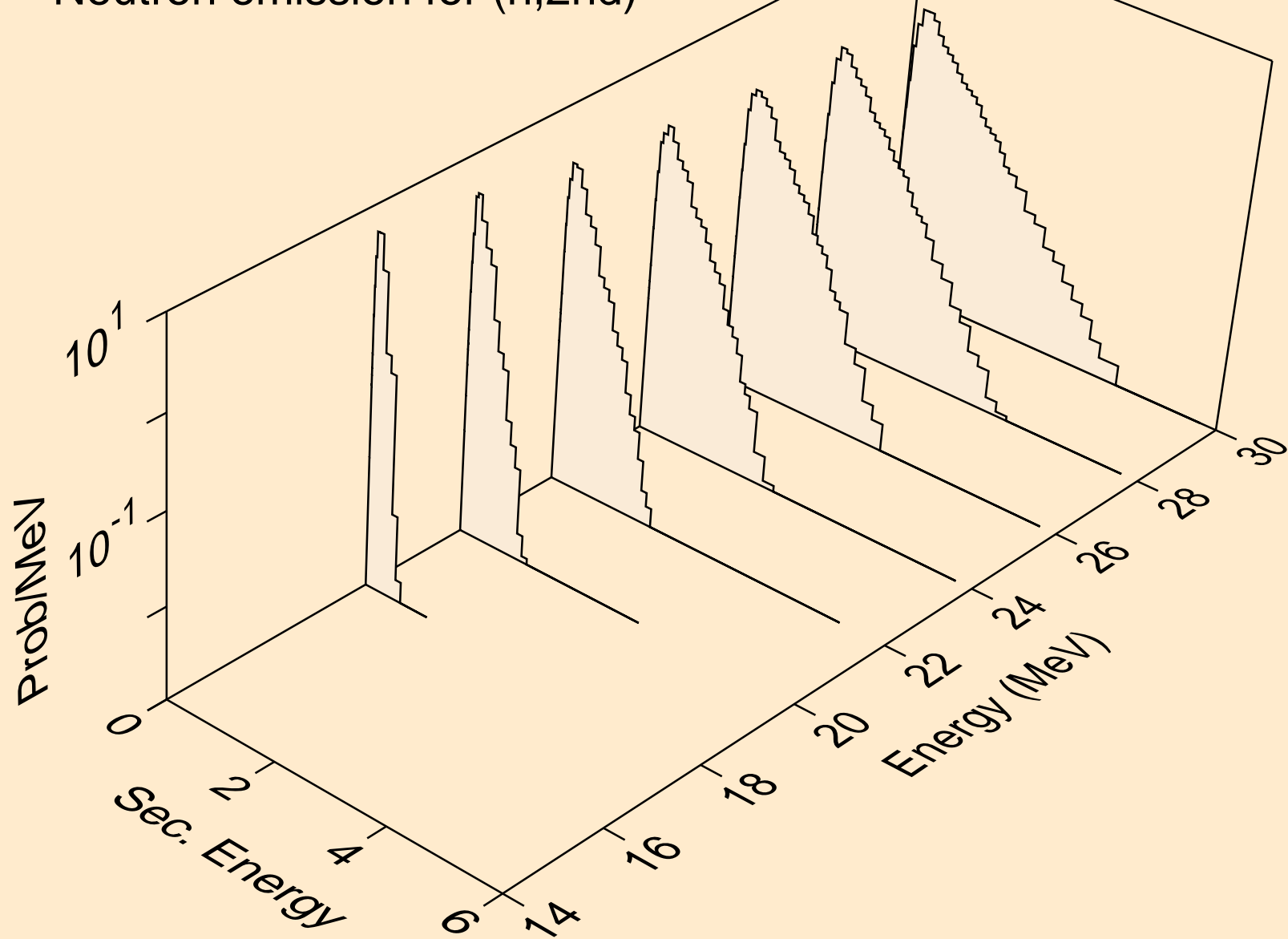
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar



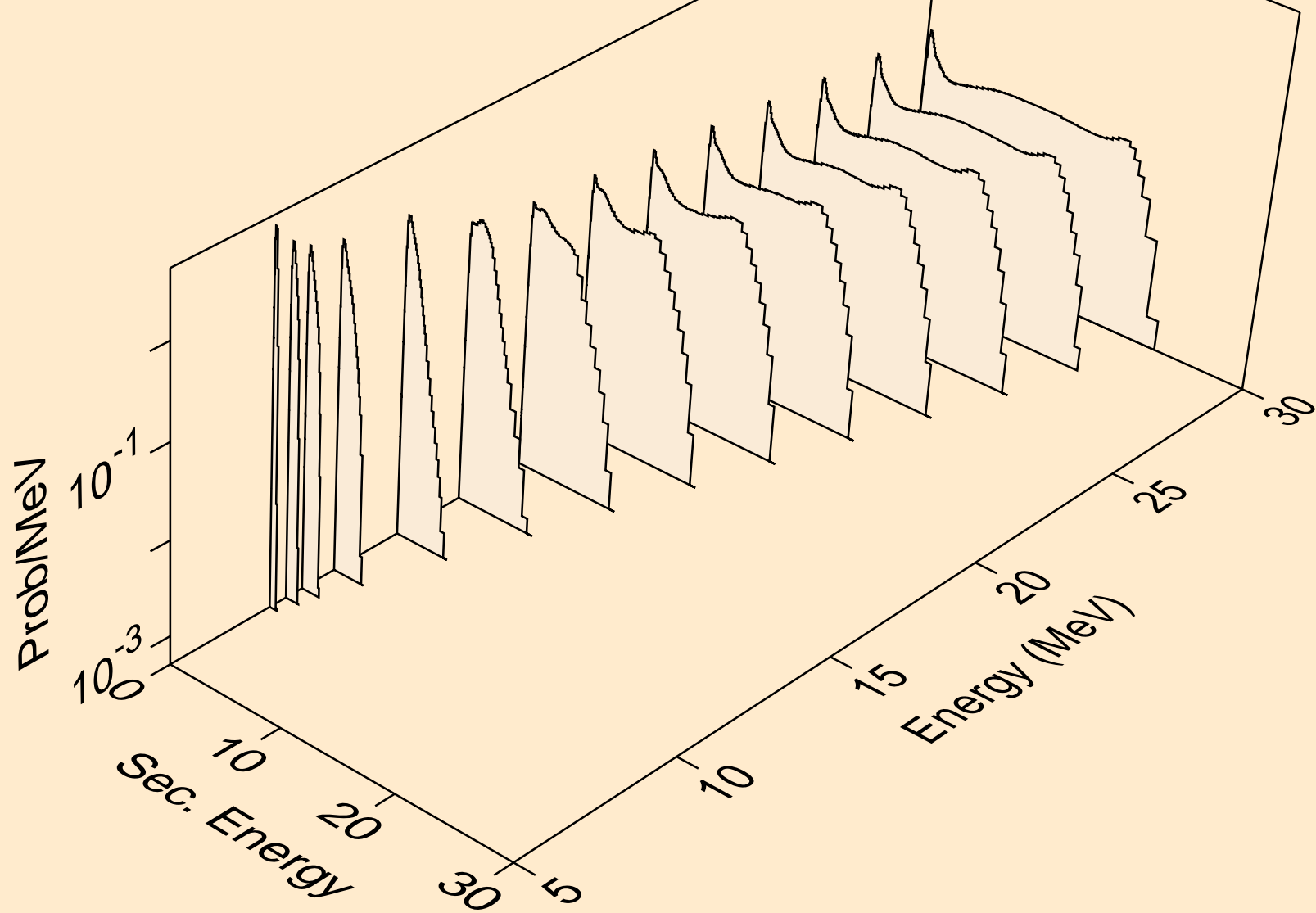
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



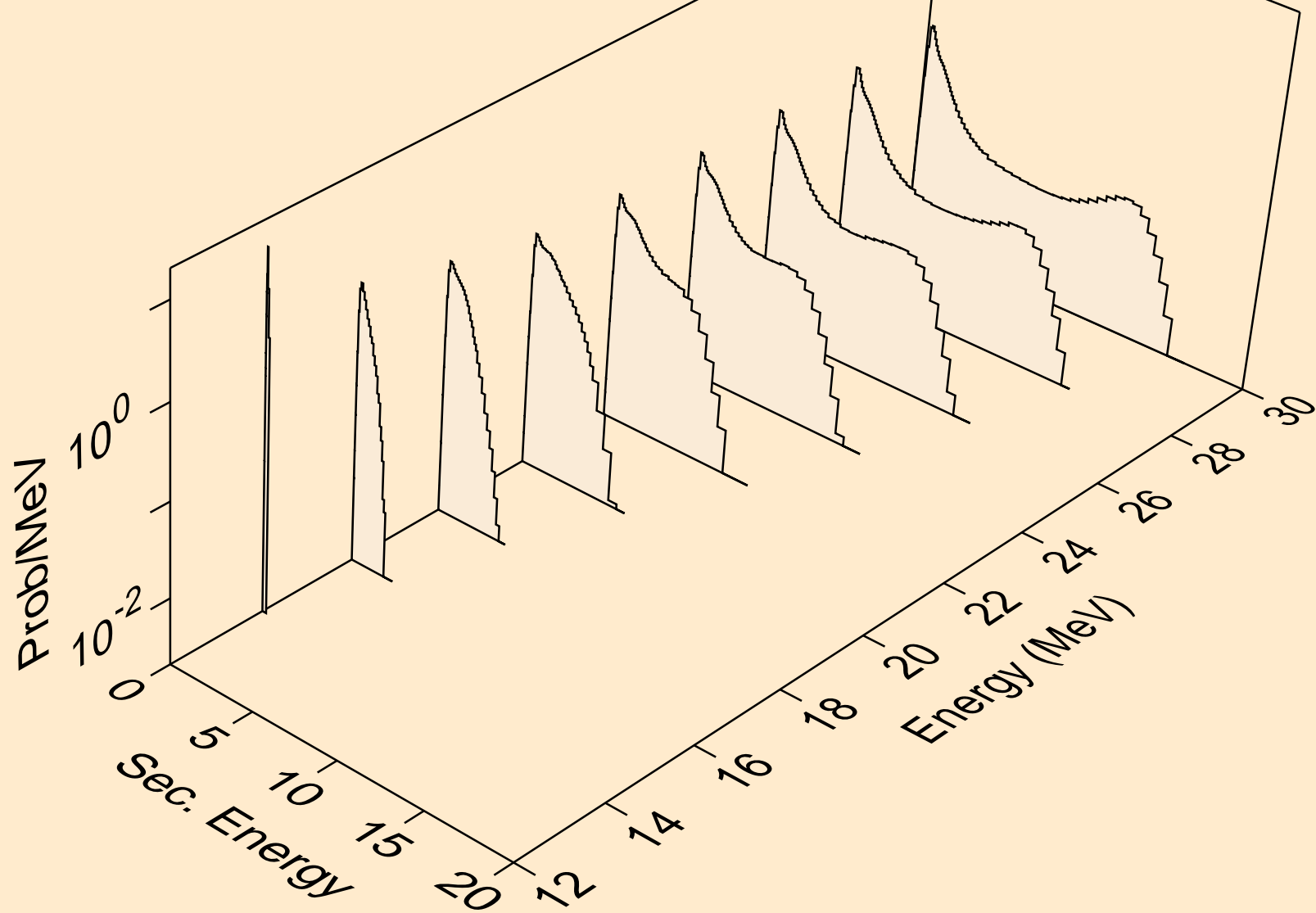
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

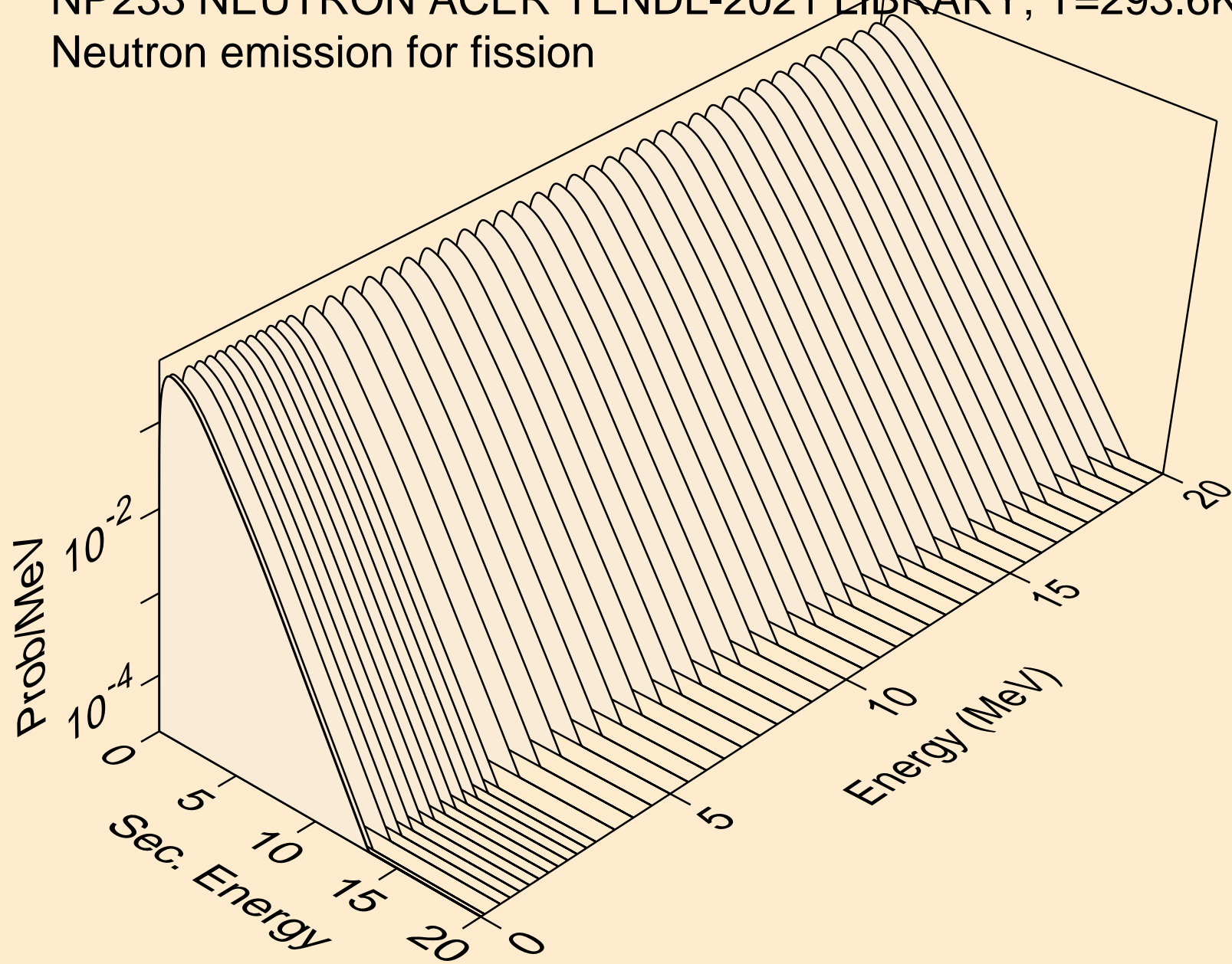


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

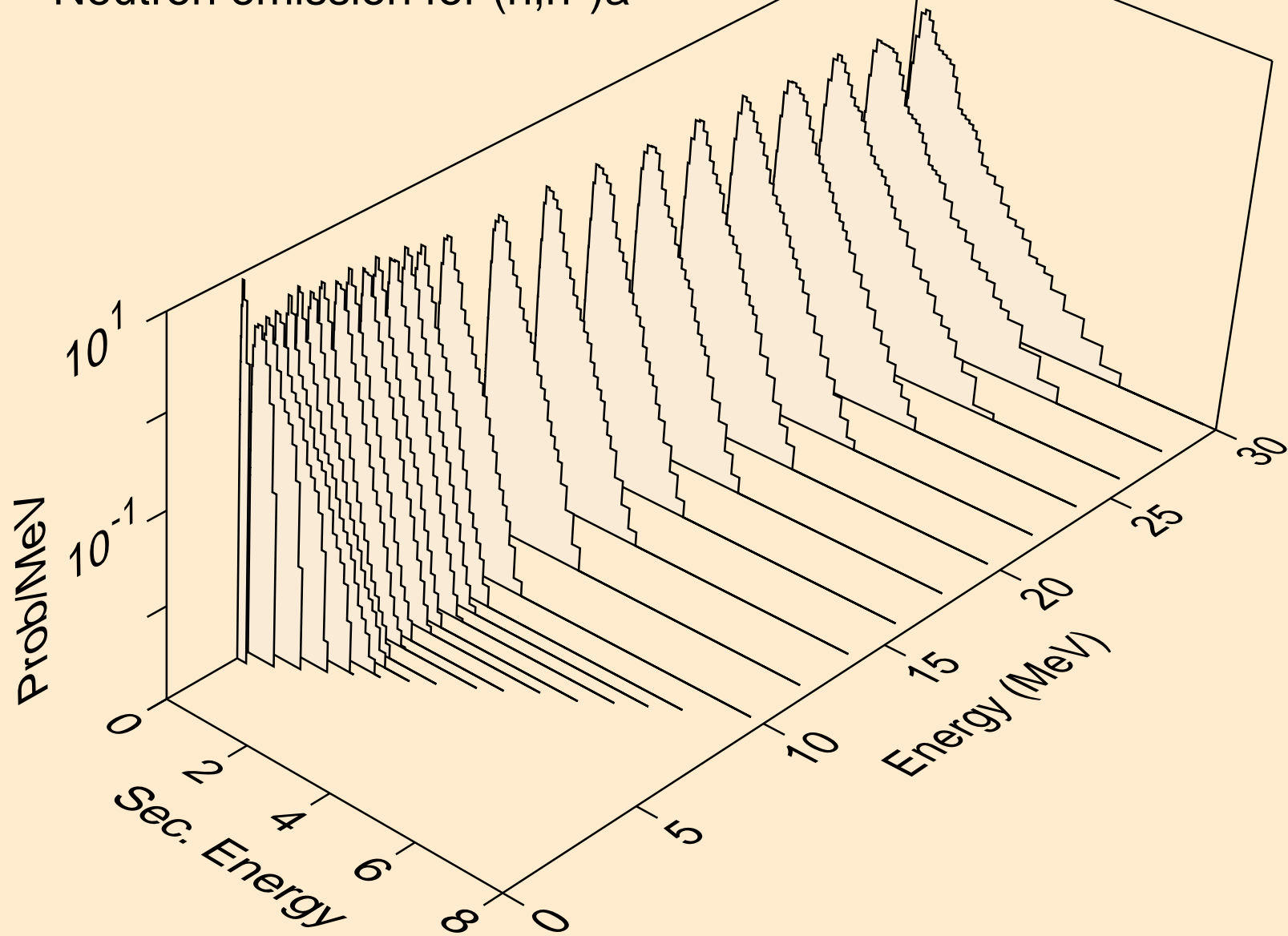




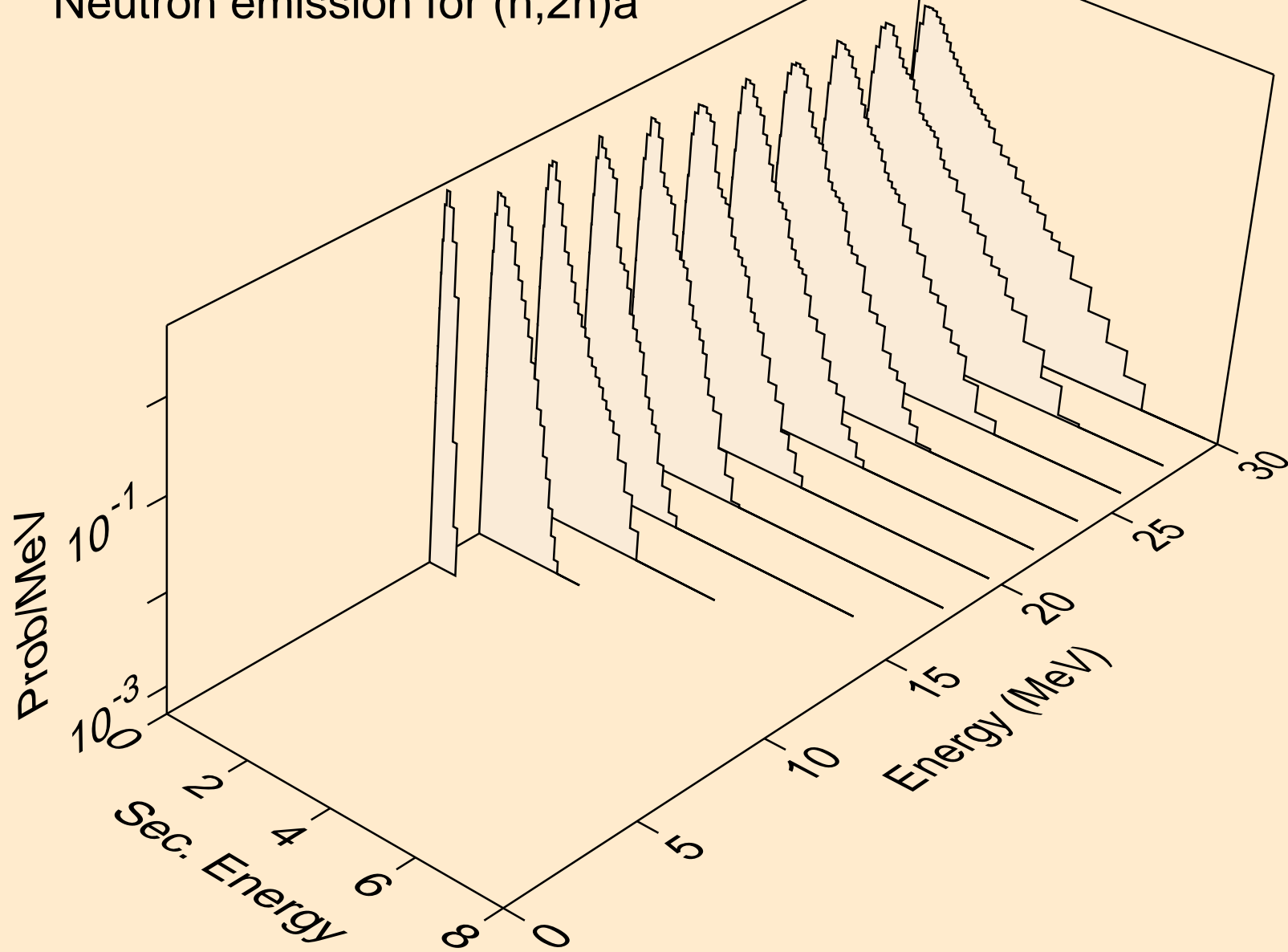
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission



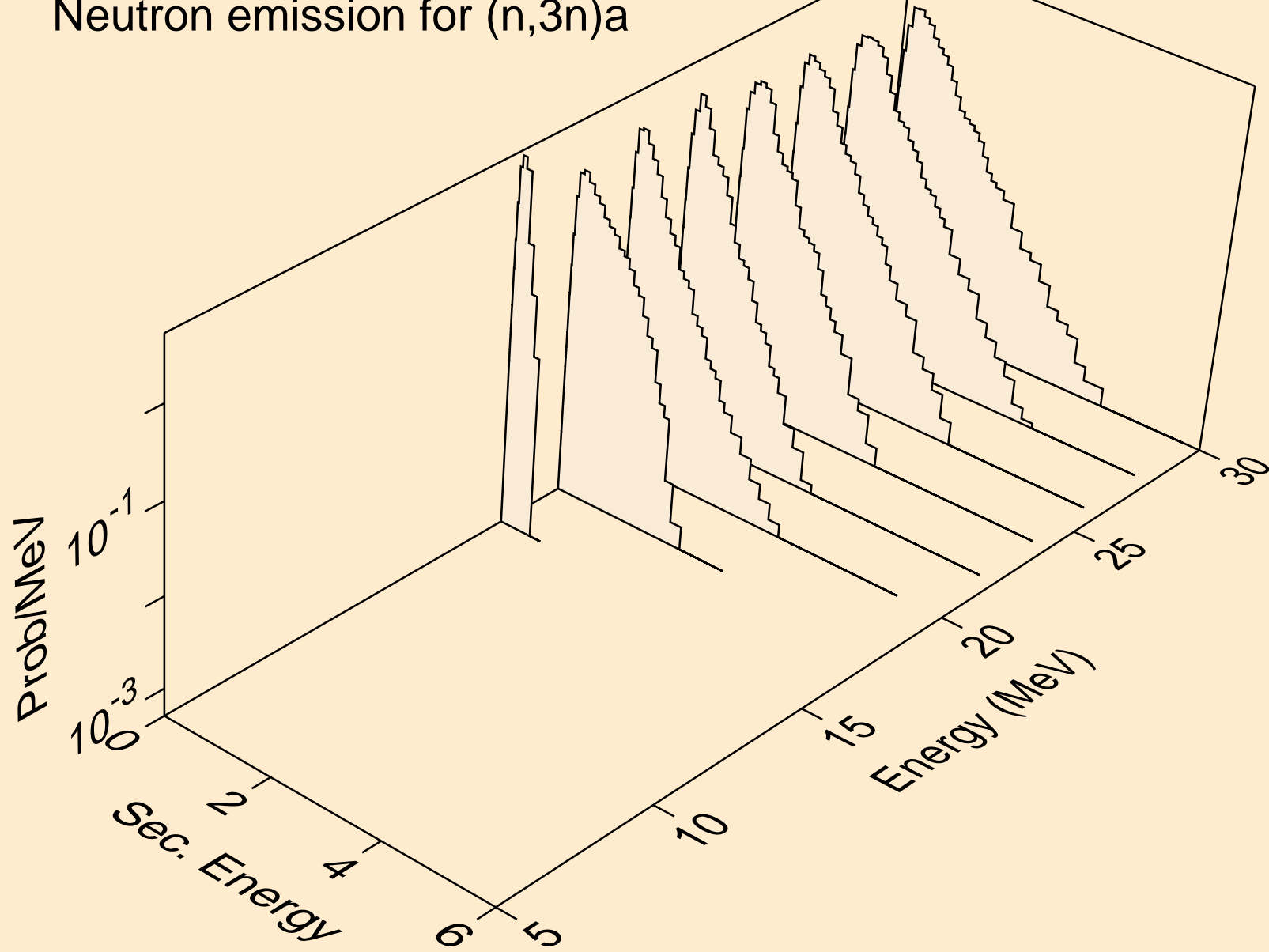
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



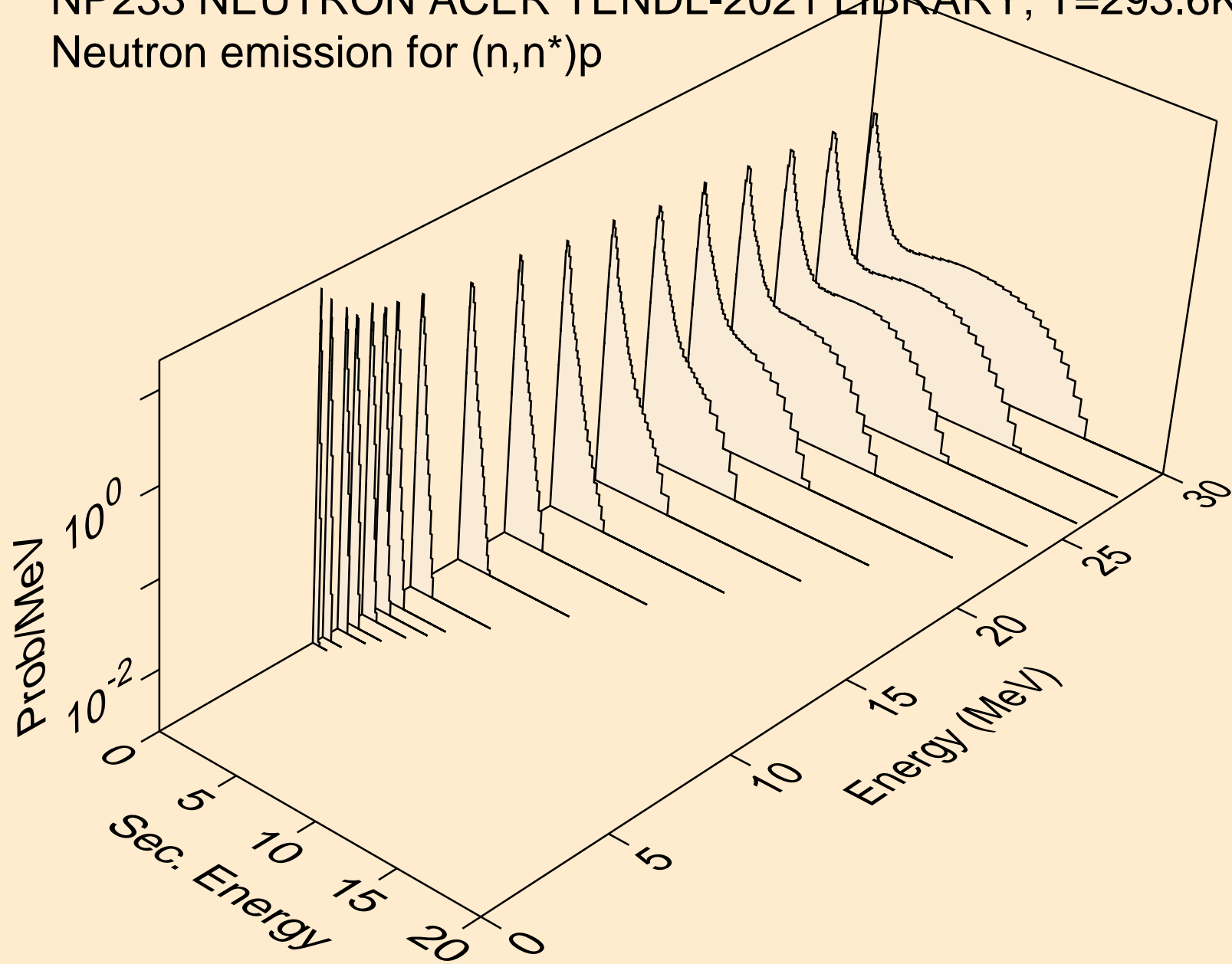
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



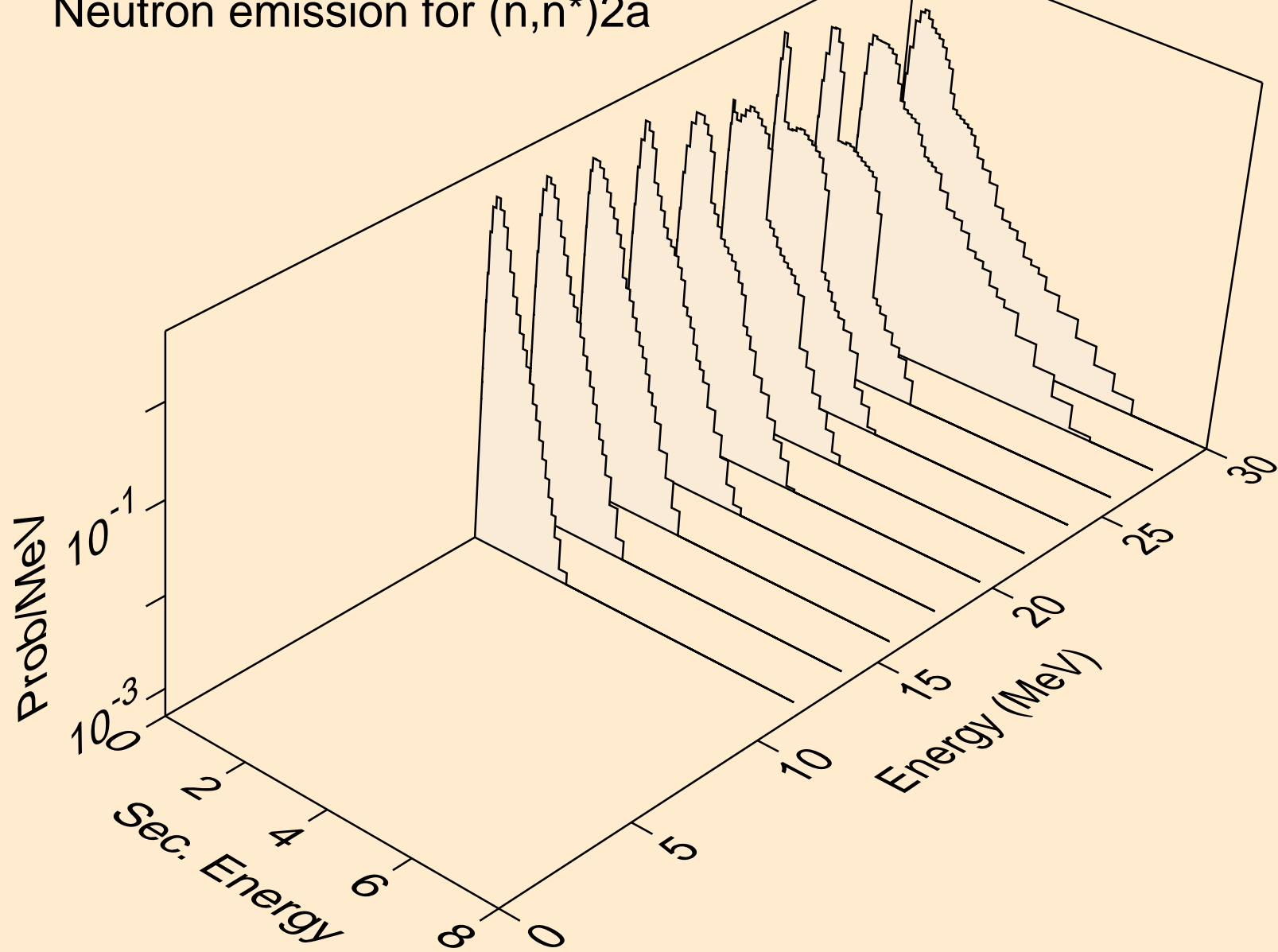
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



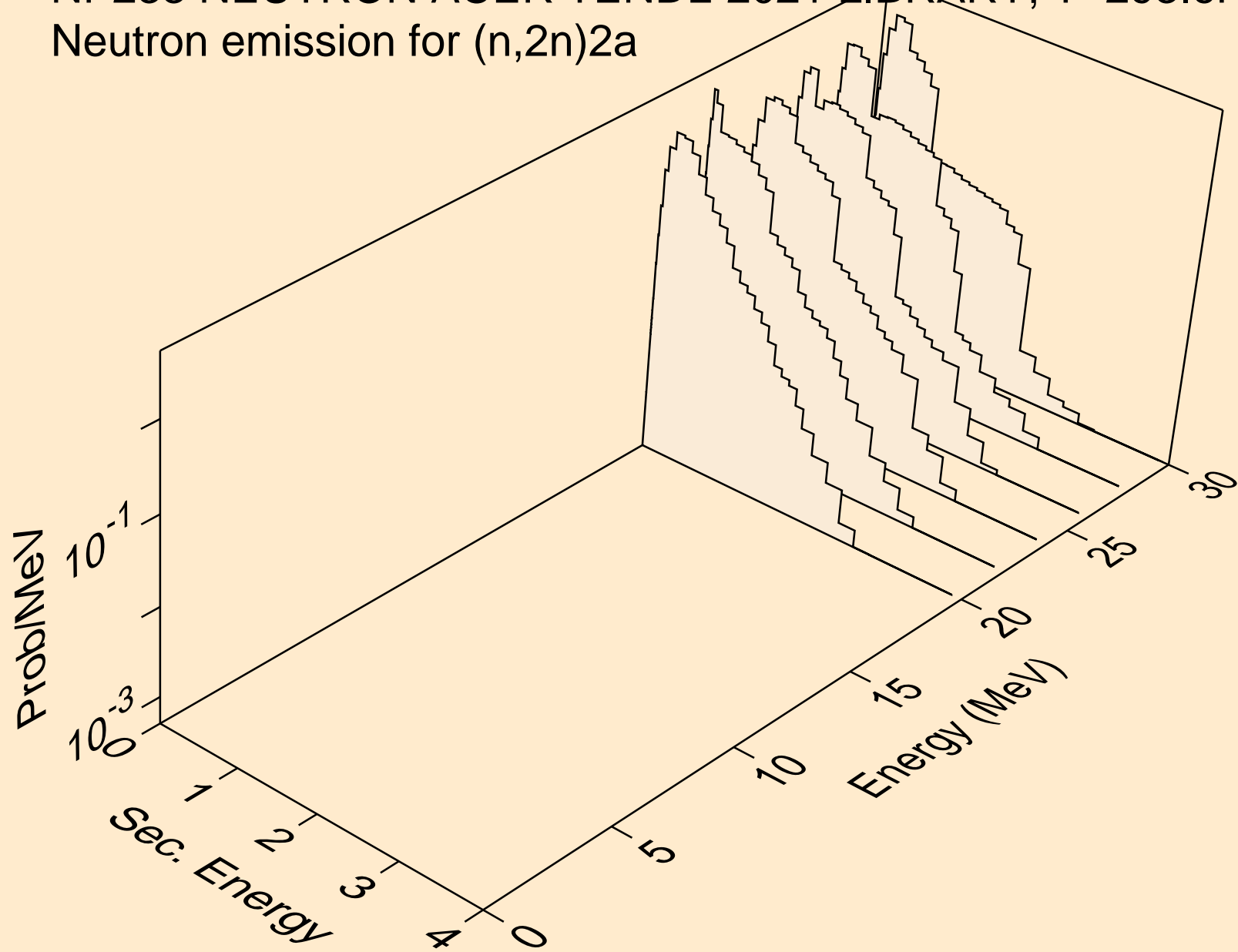
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



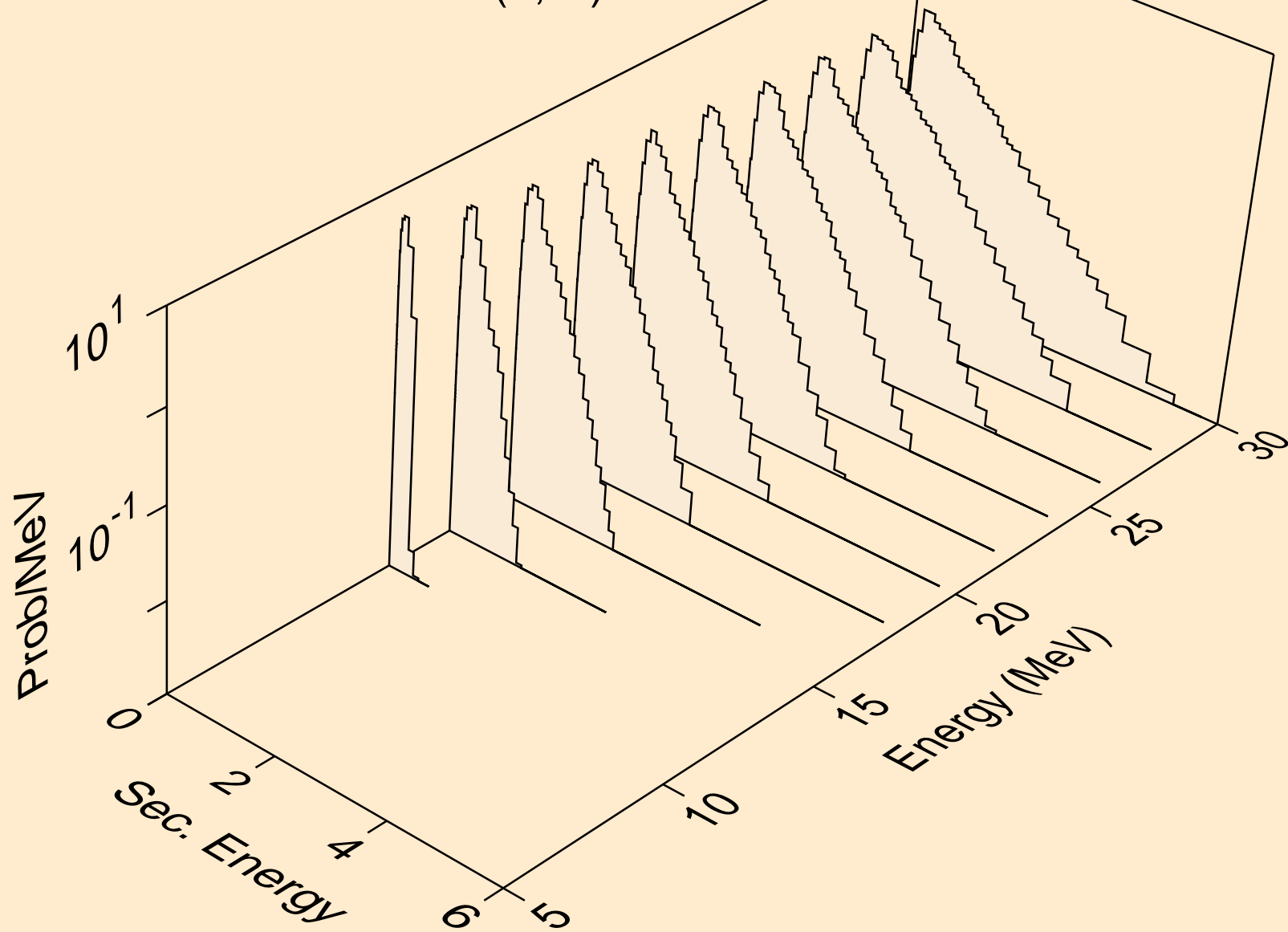
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a

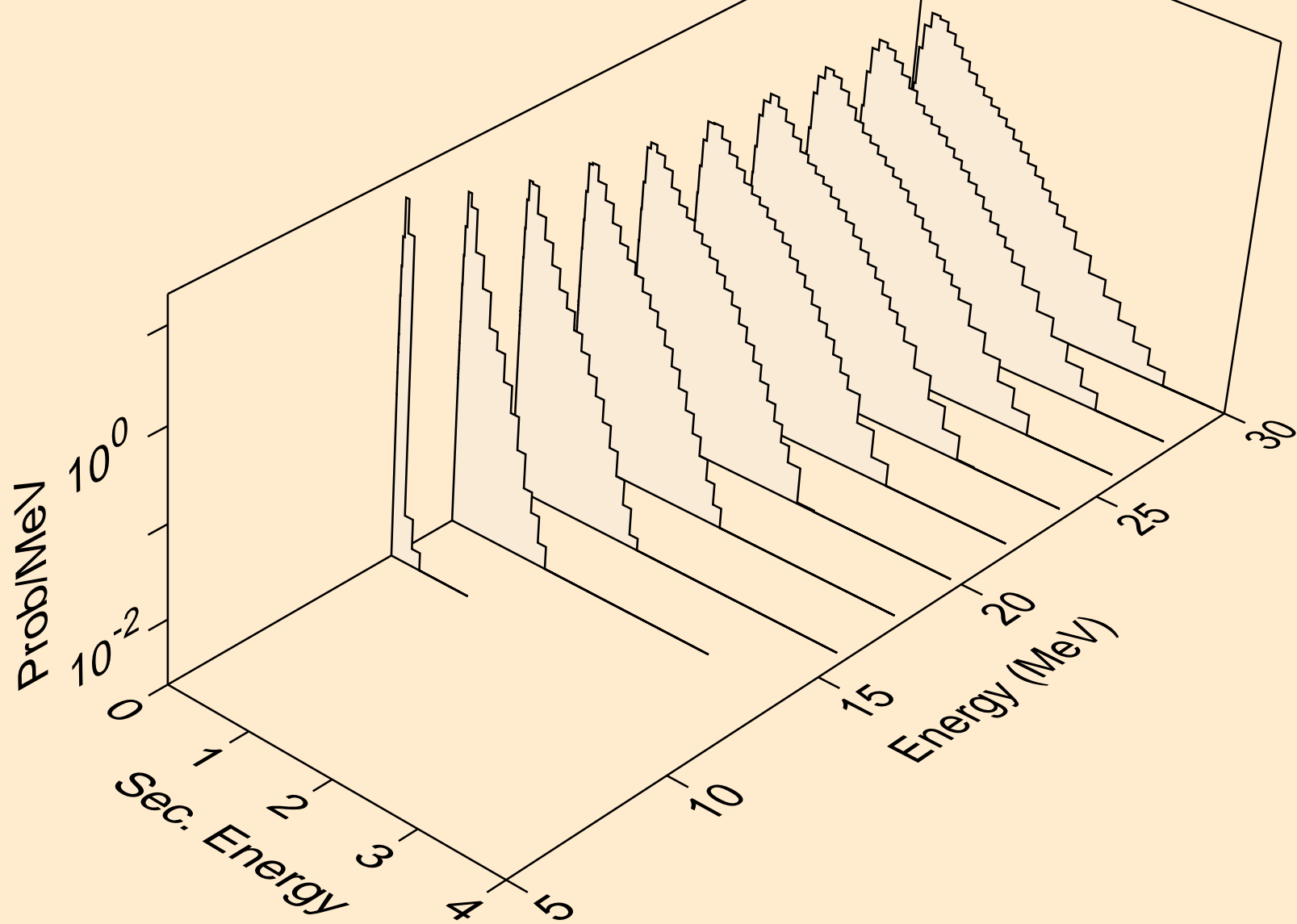


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

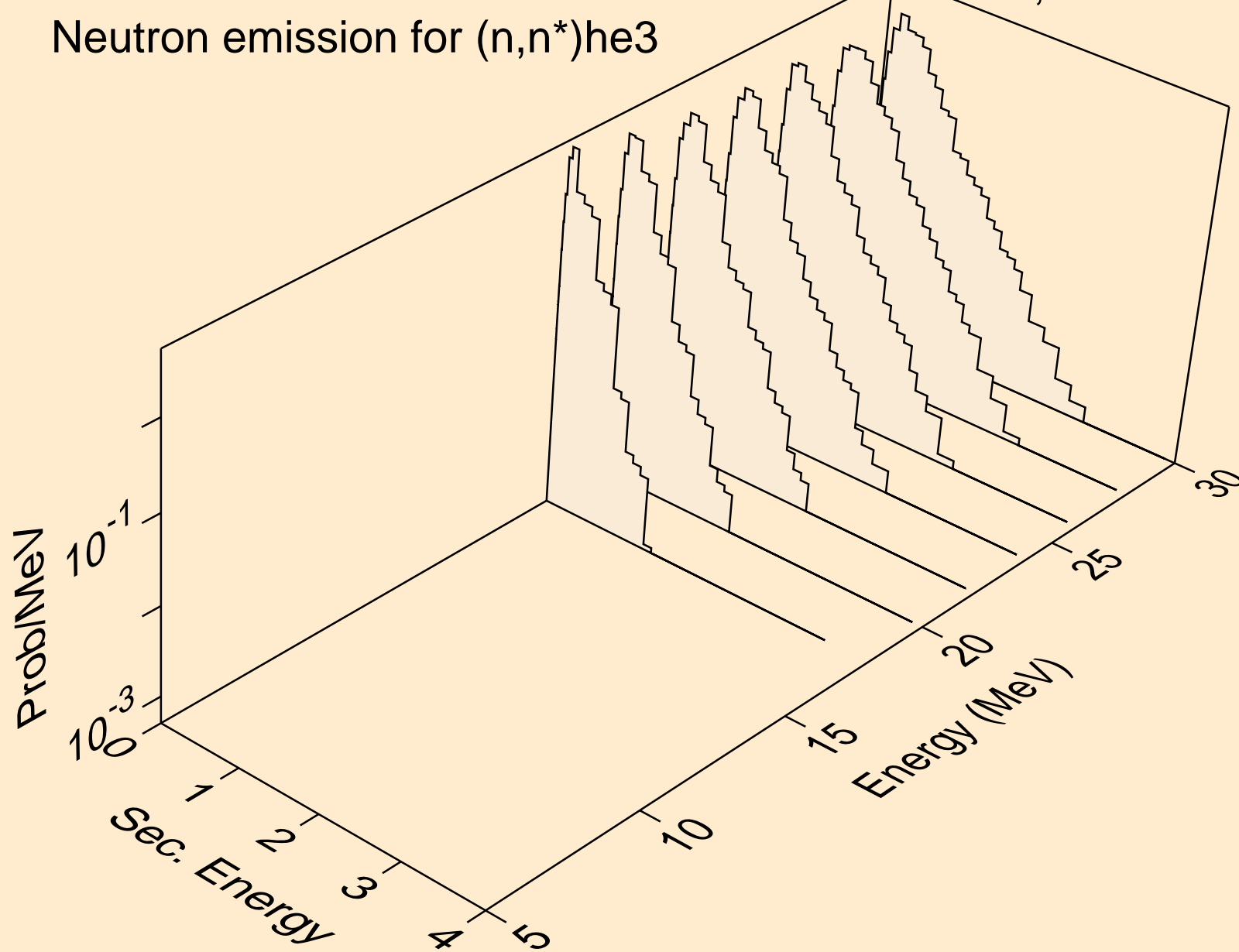




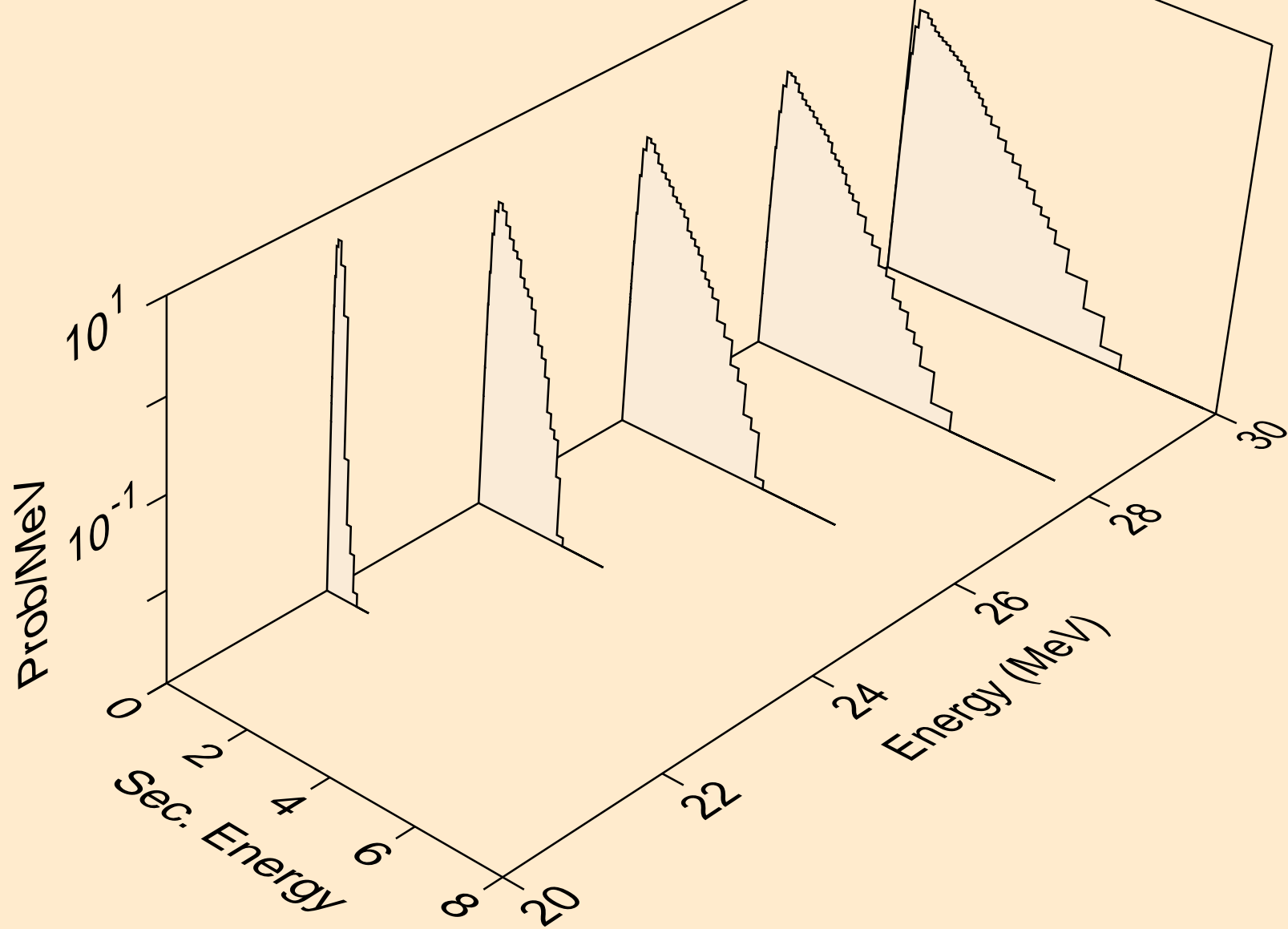
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



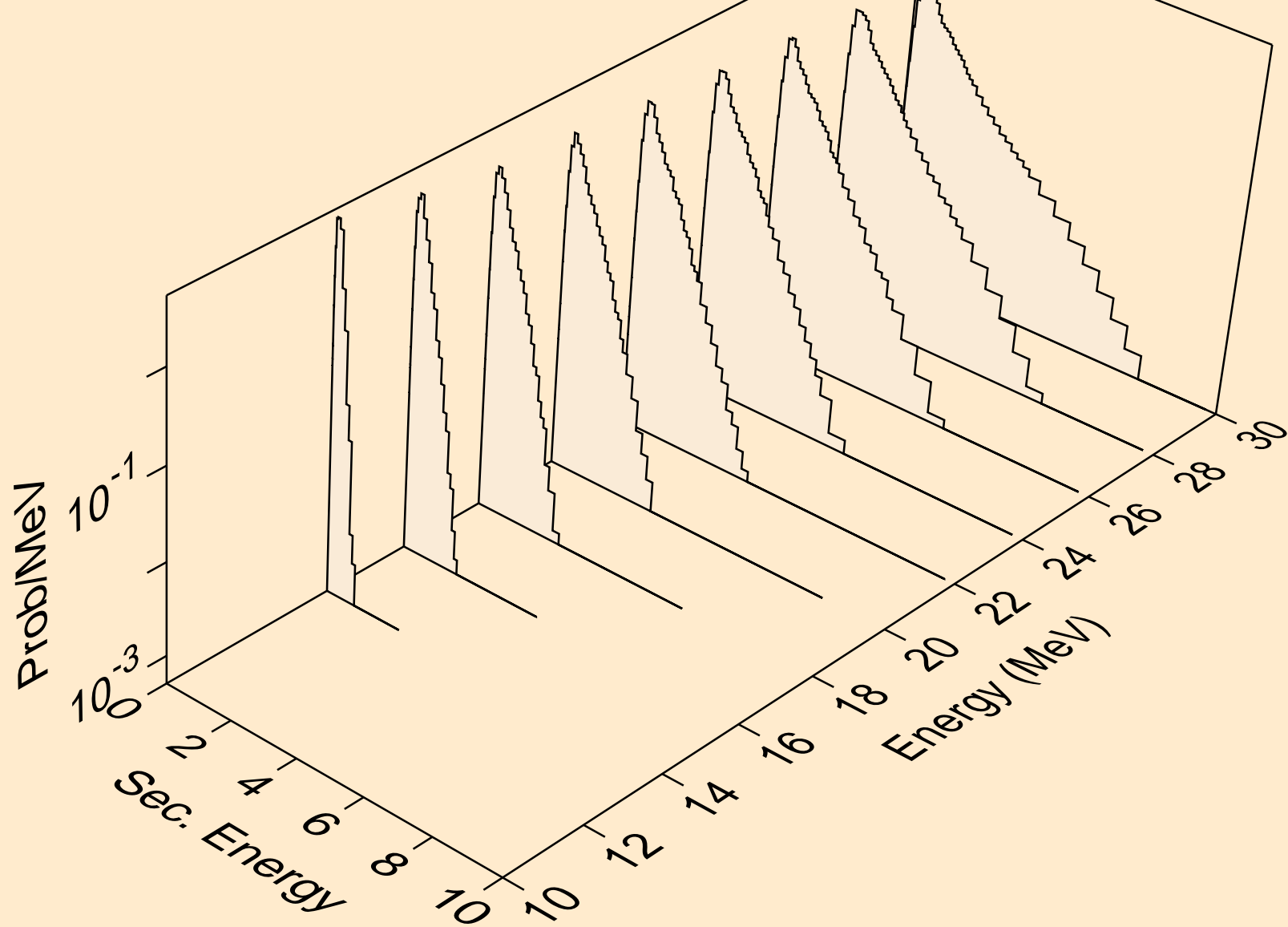
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



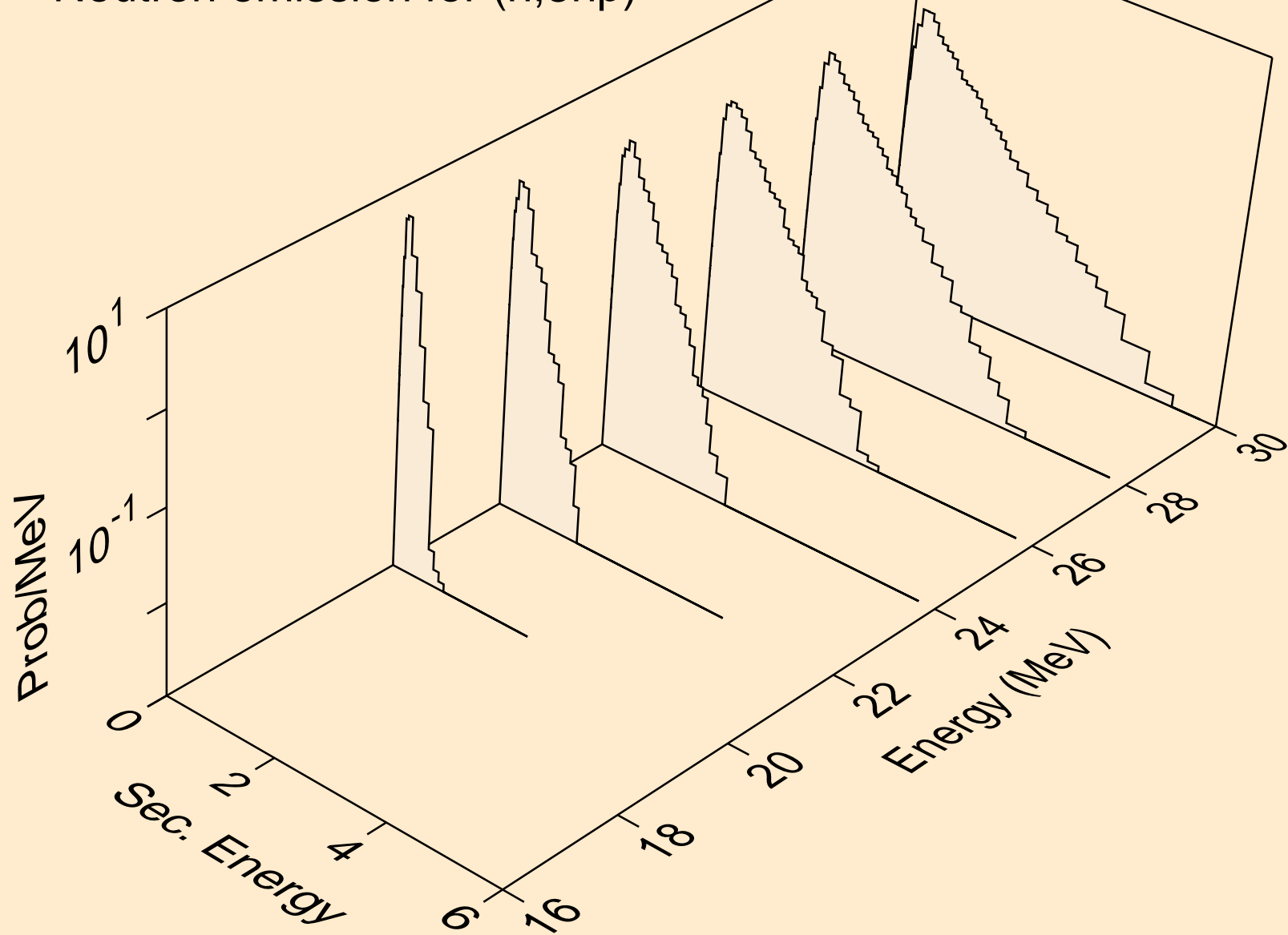
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



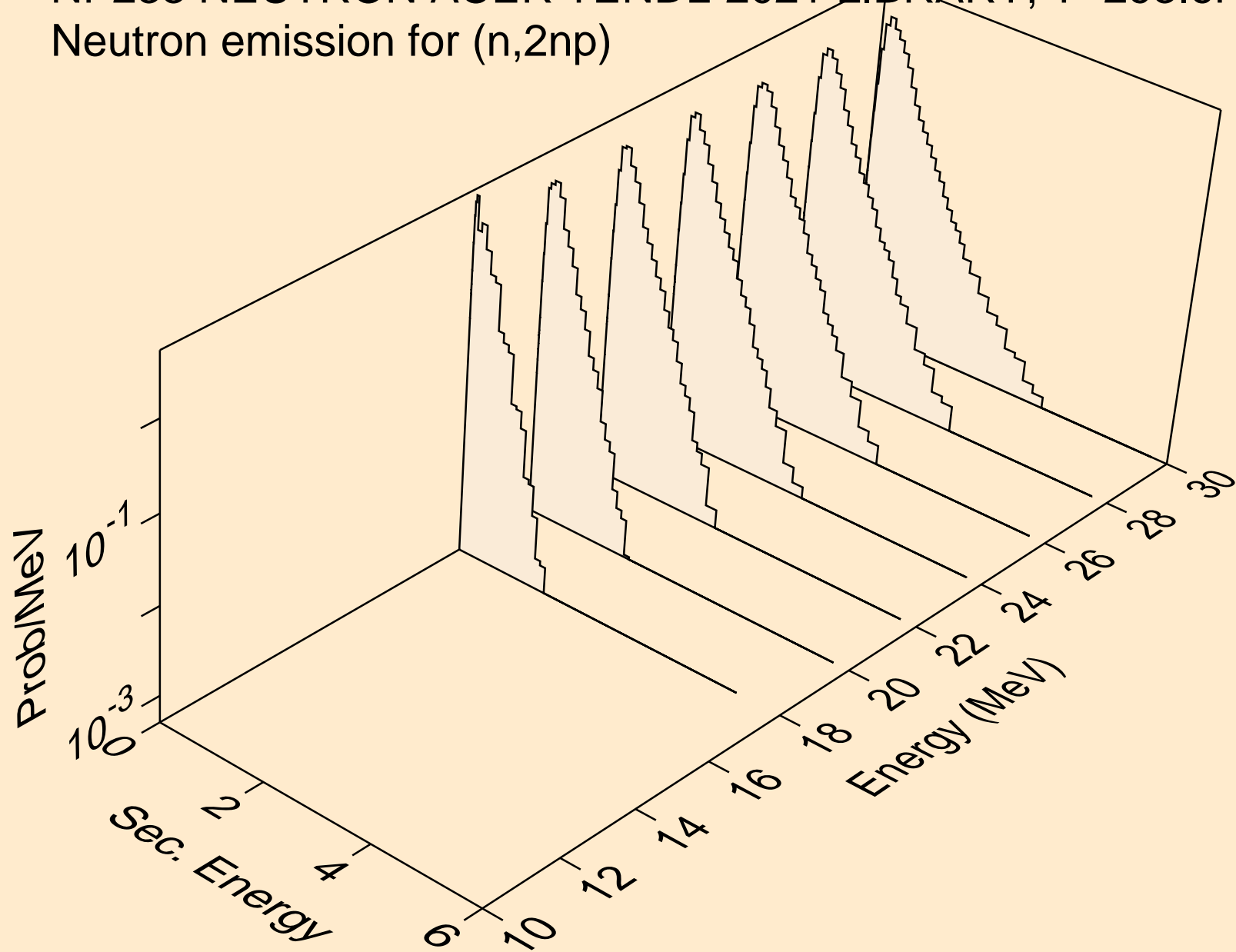
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



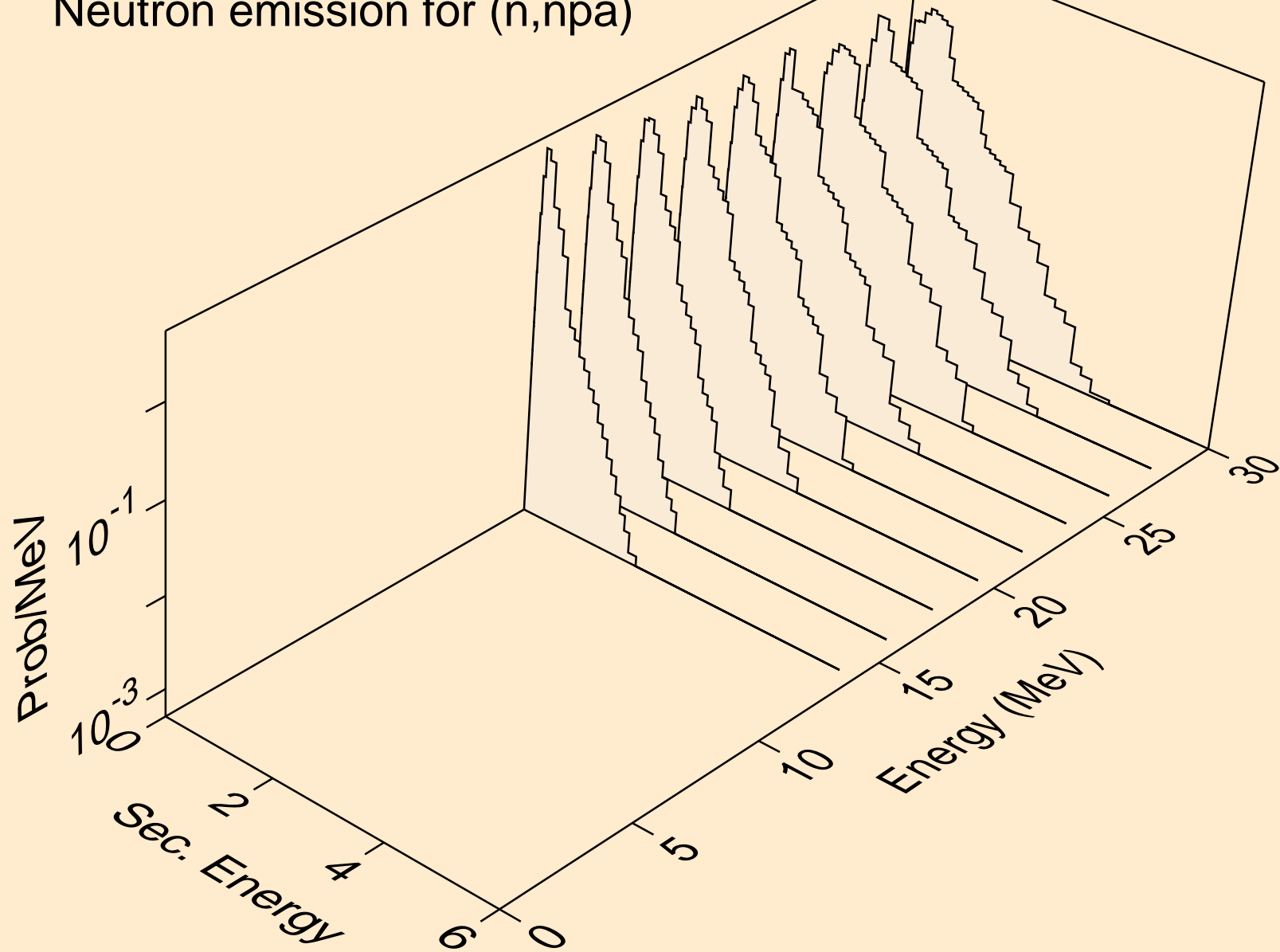
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



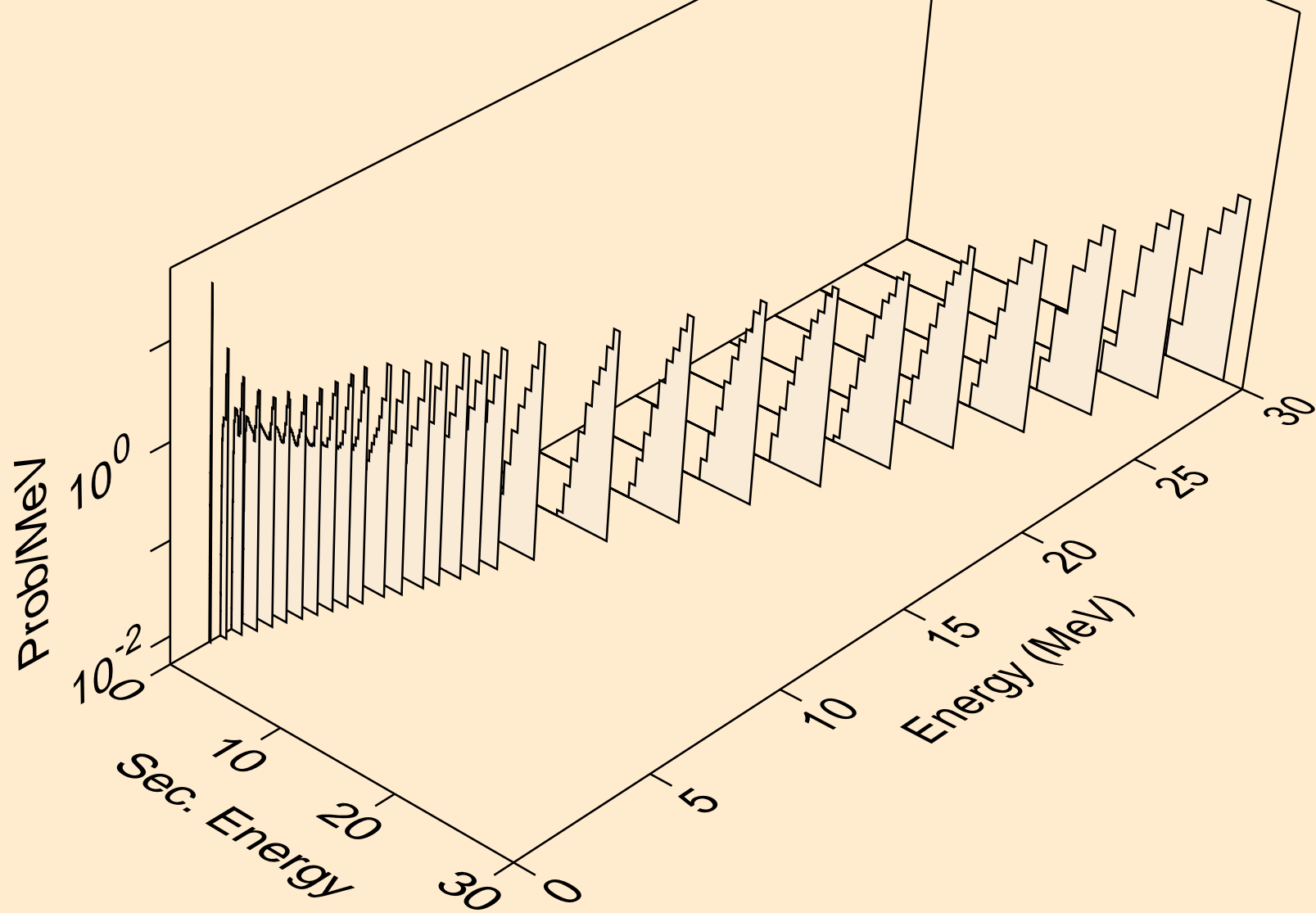
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



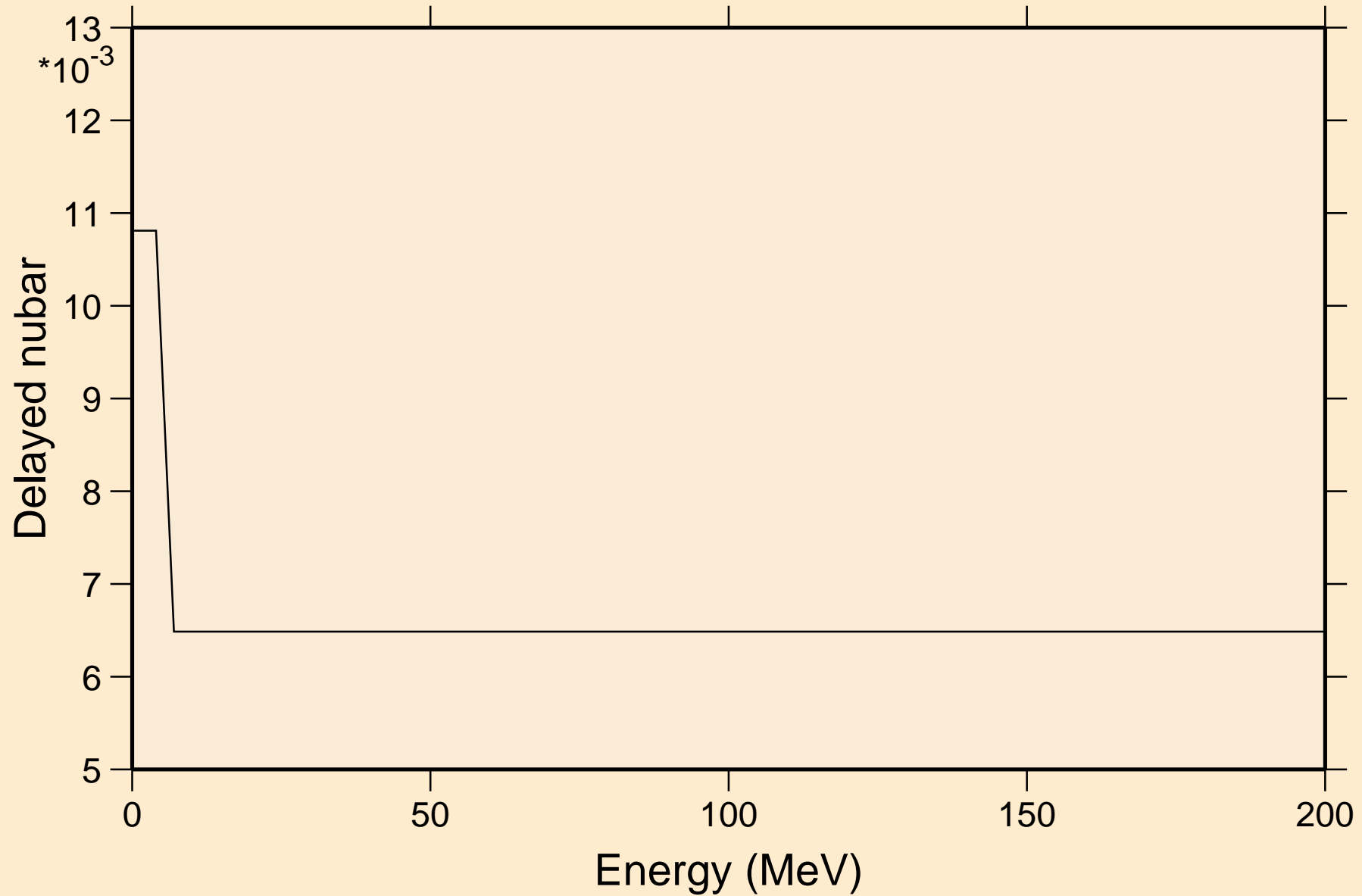
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)





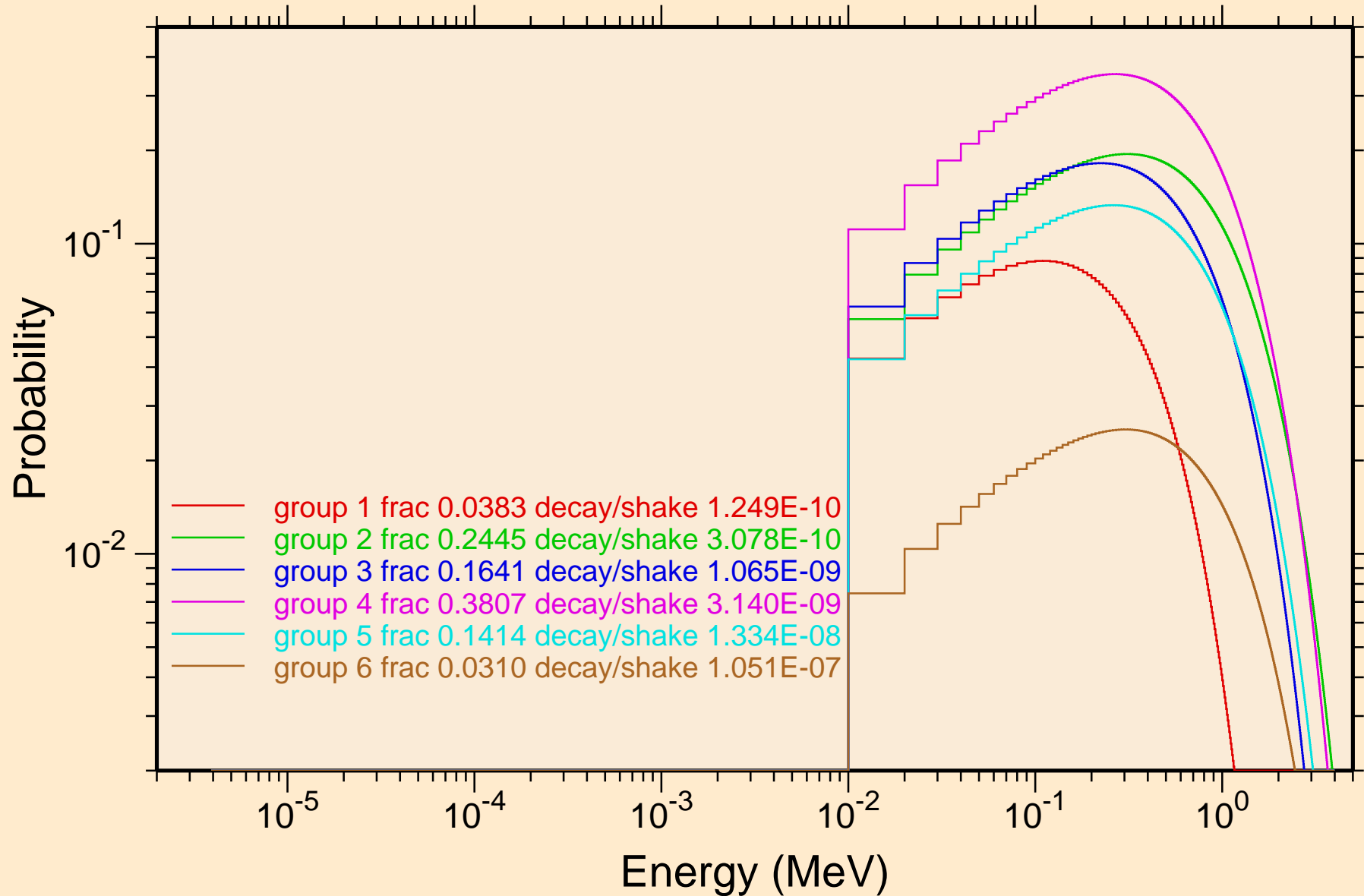
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Delayed nubar

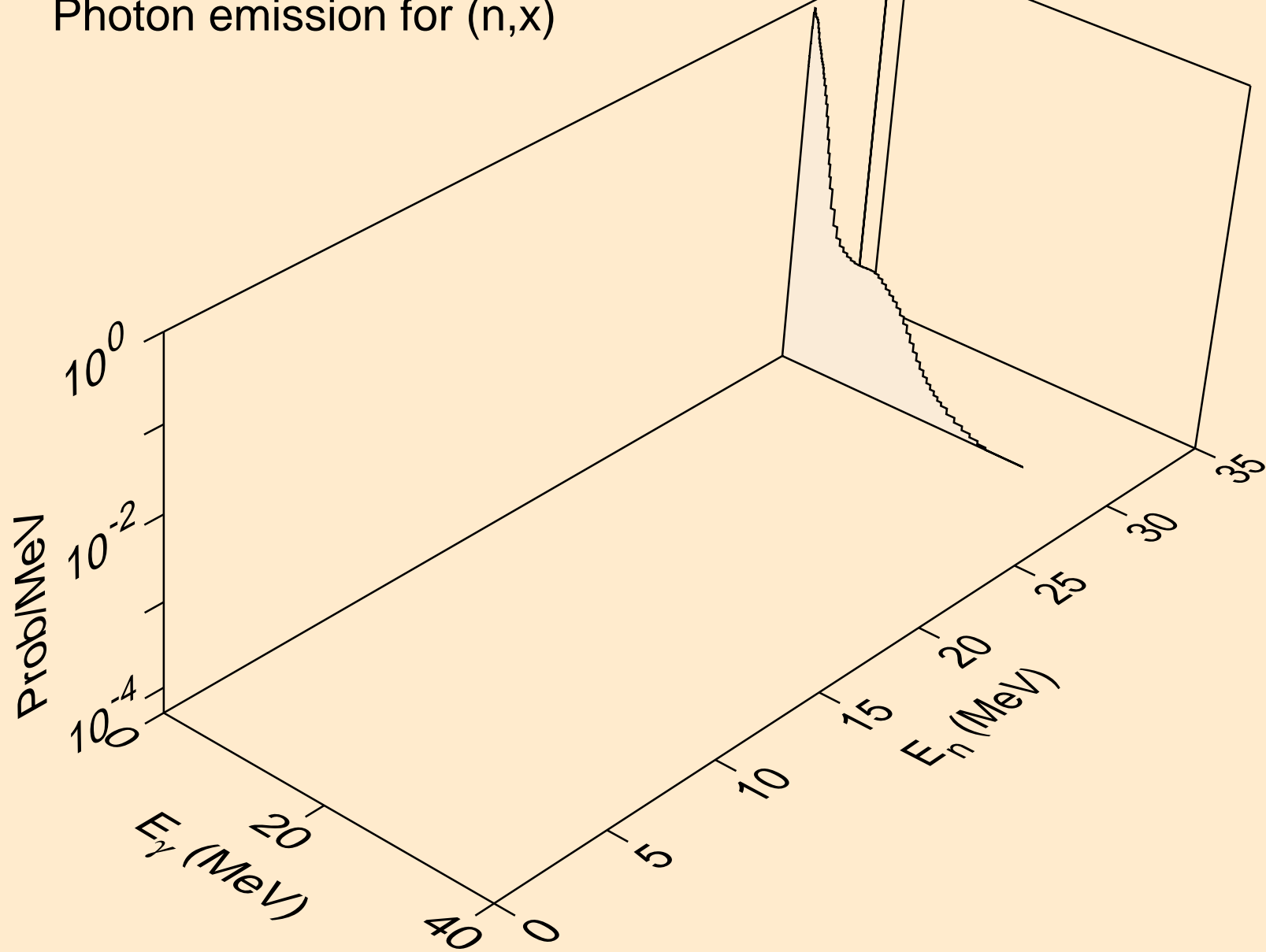


# NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

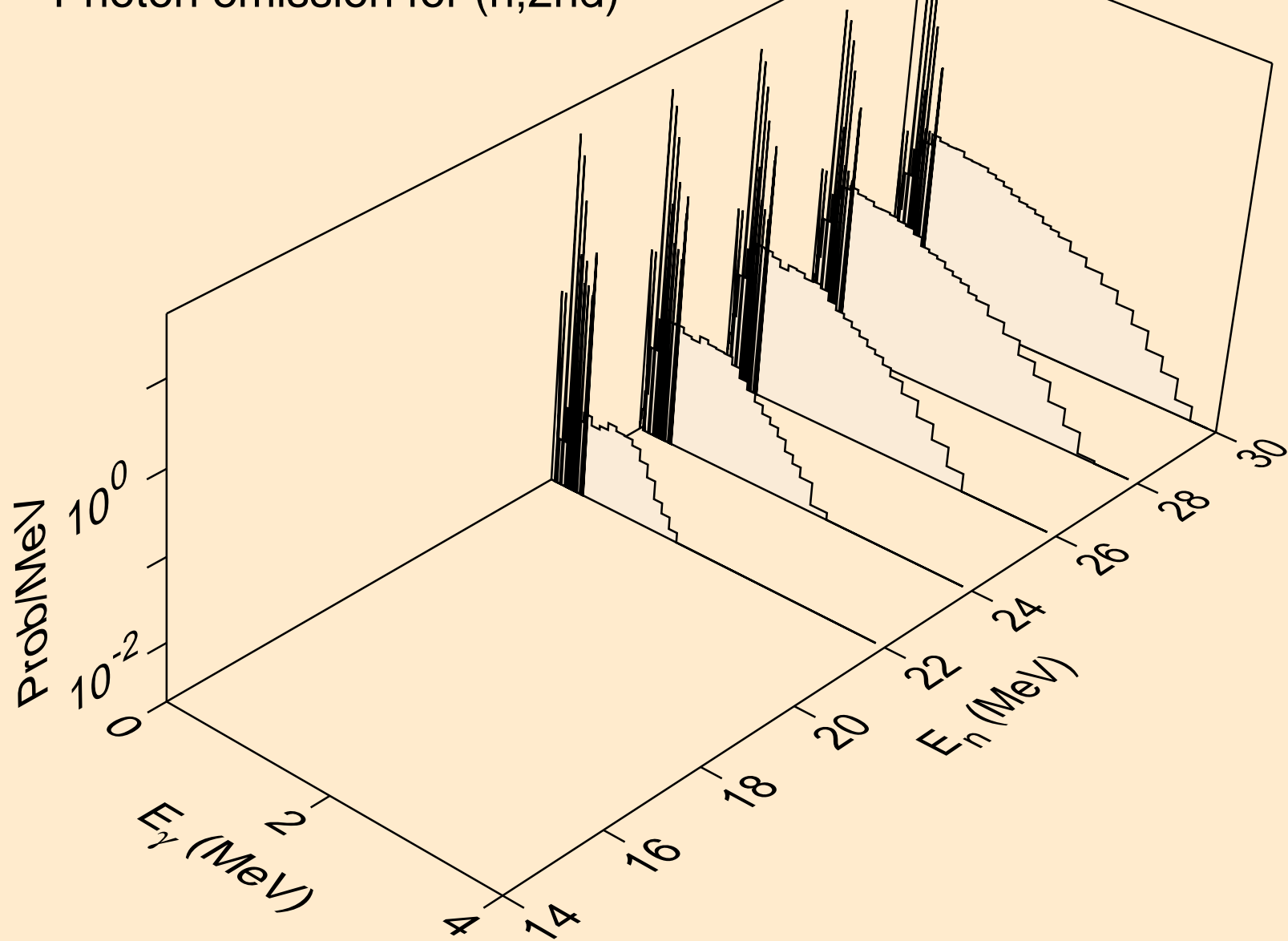
## Delayed neutron spectra



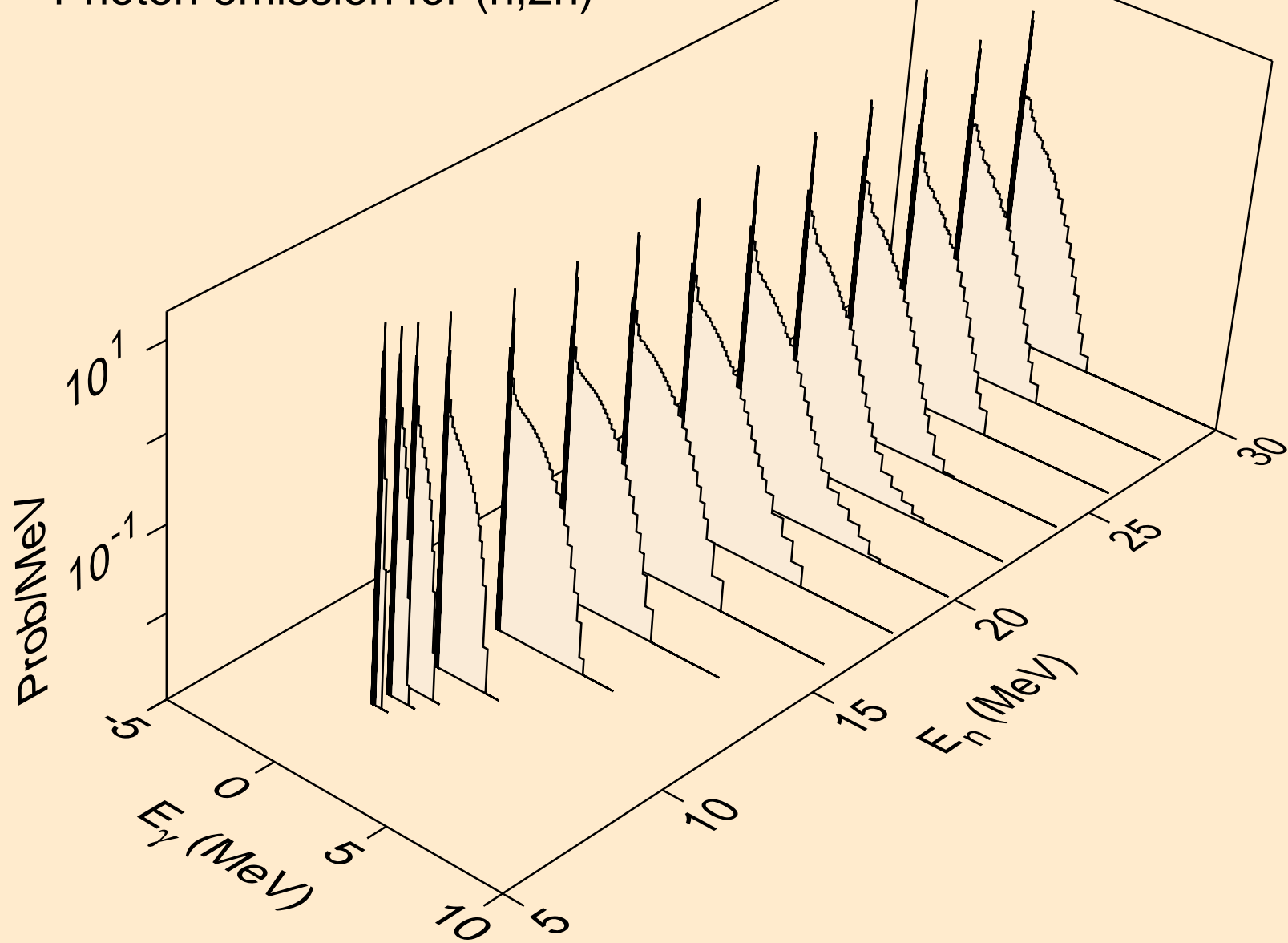
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



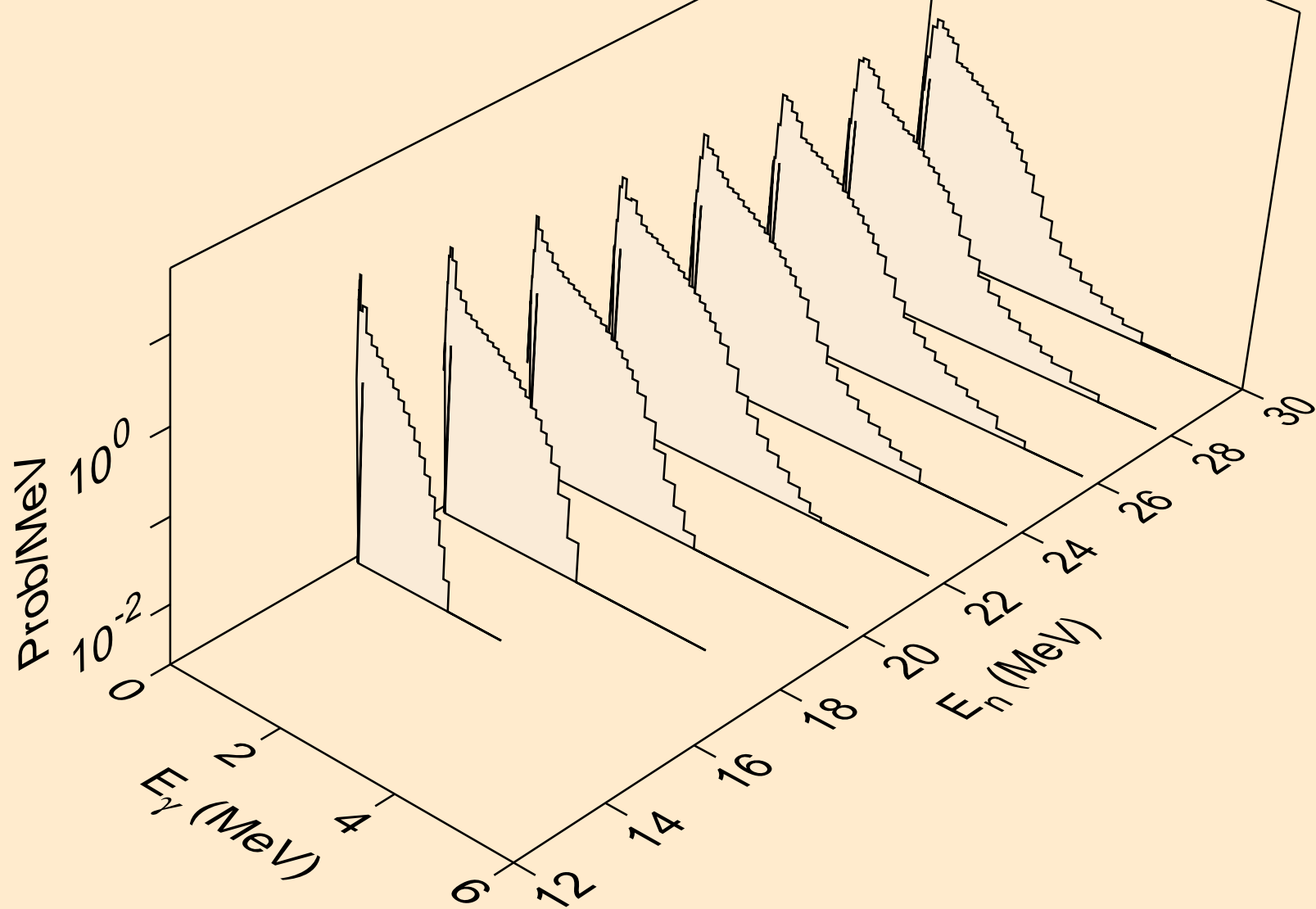
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



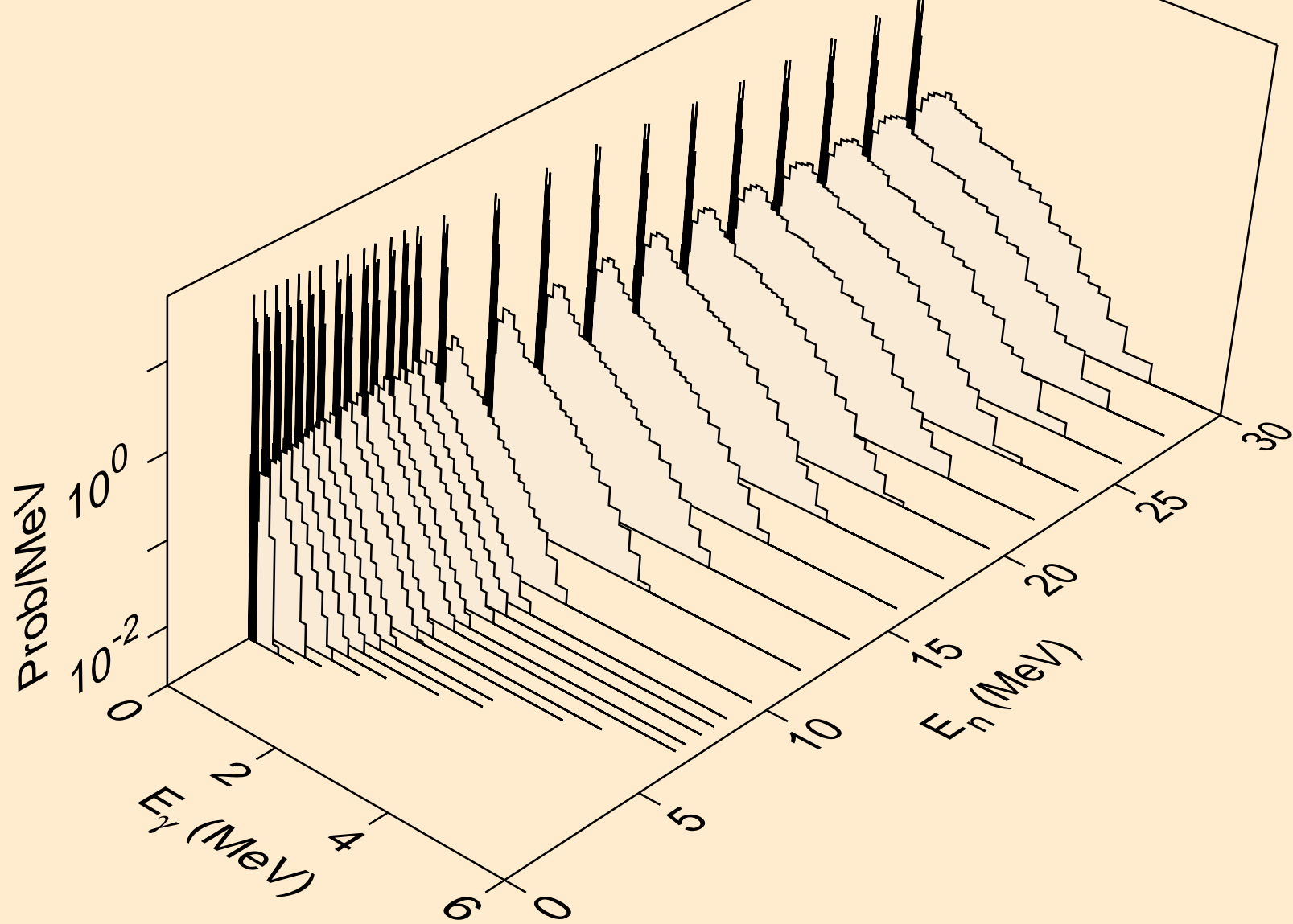
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



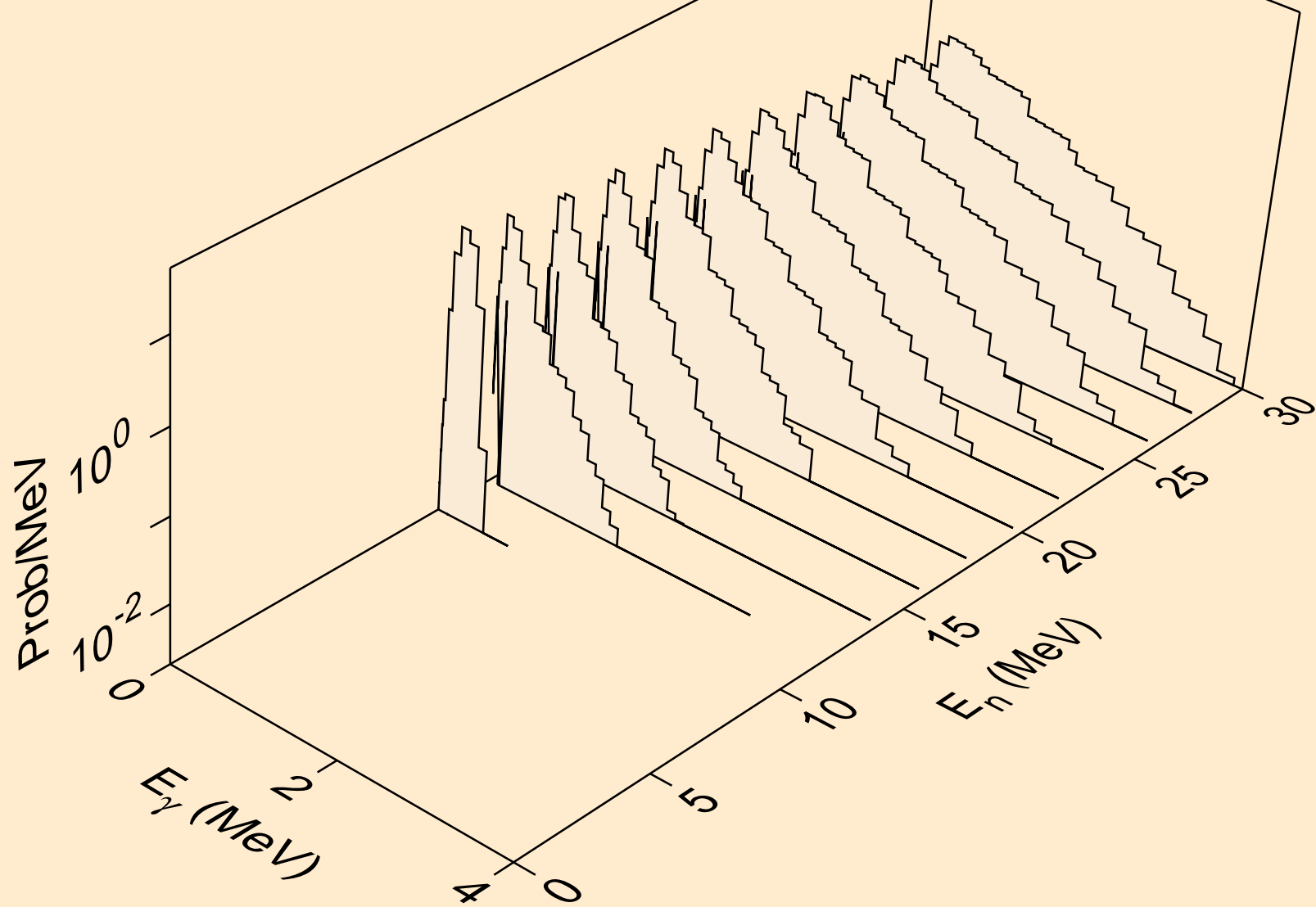
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

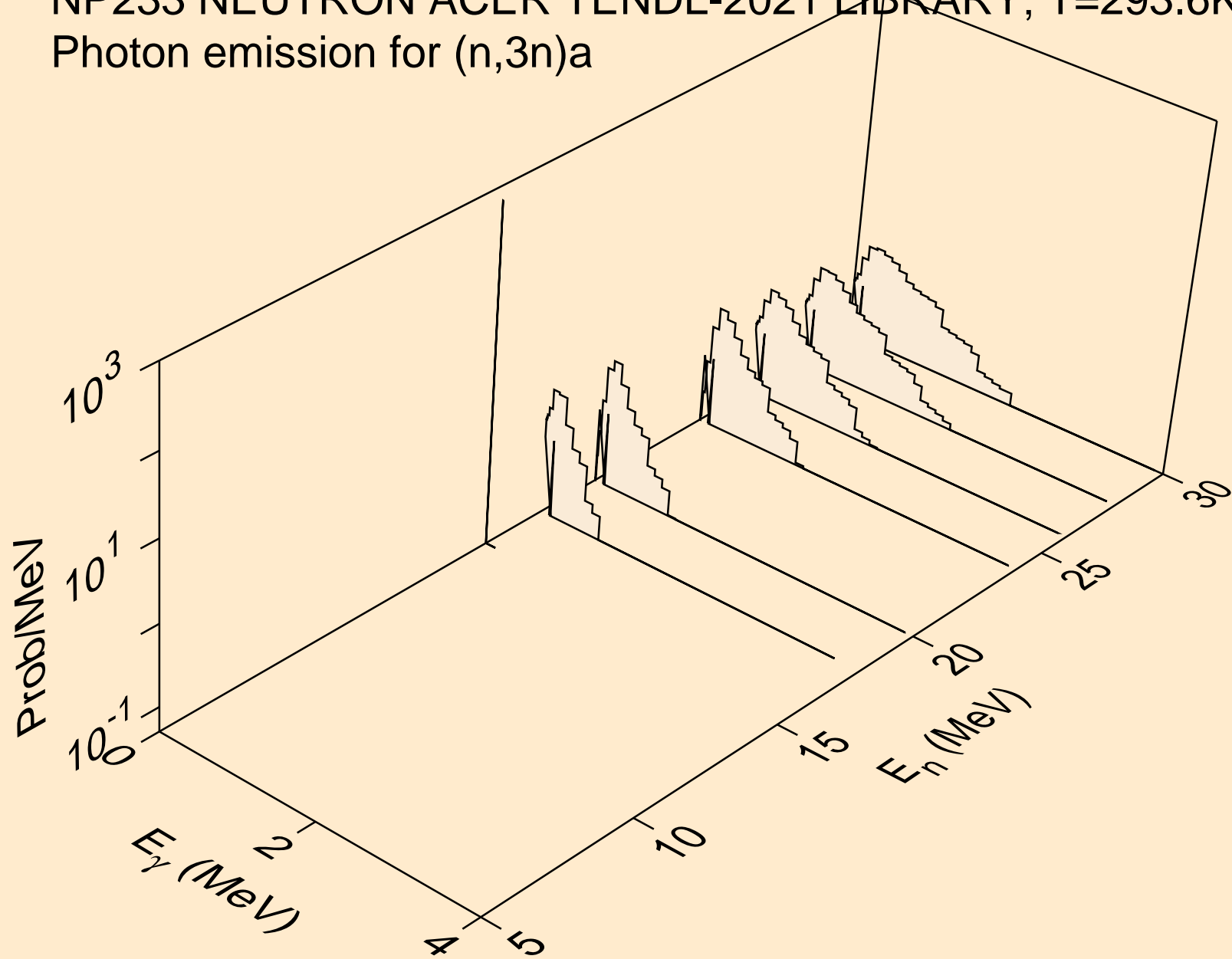


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

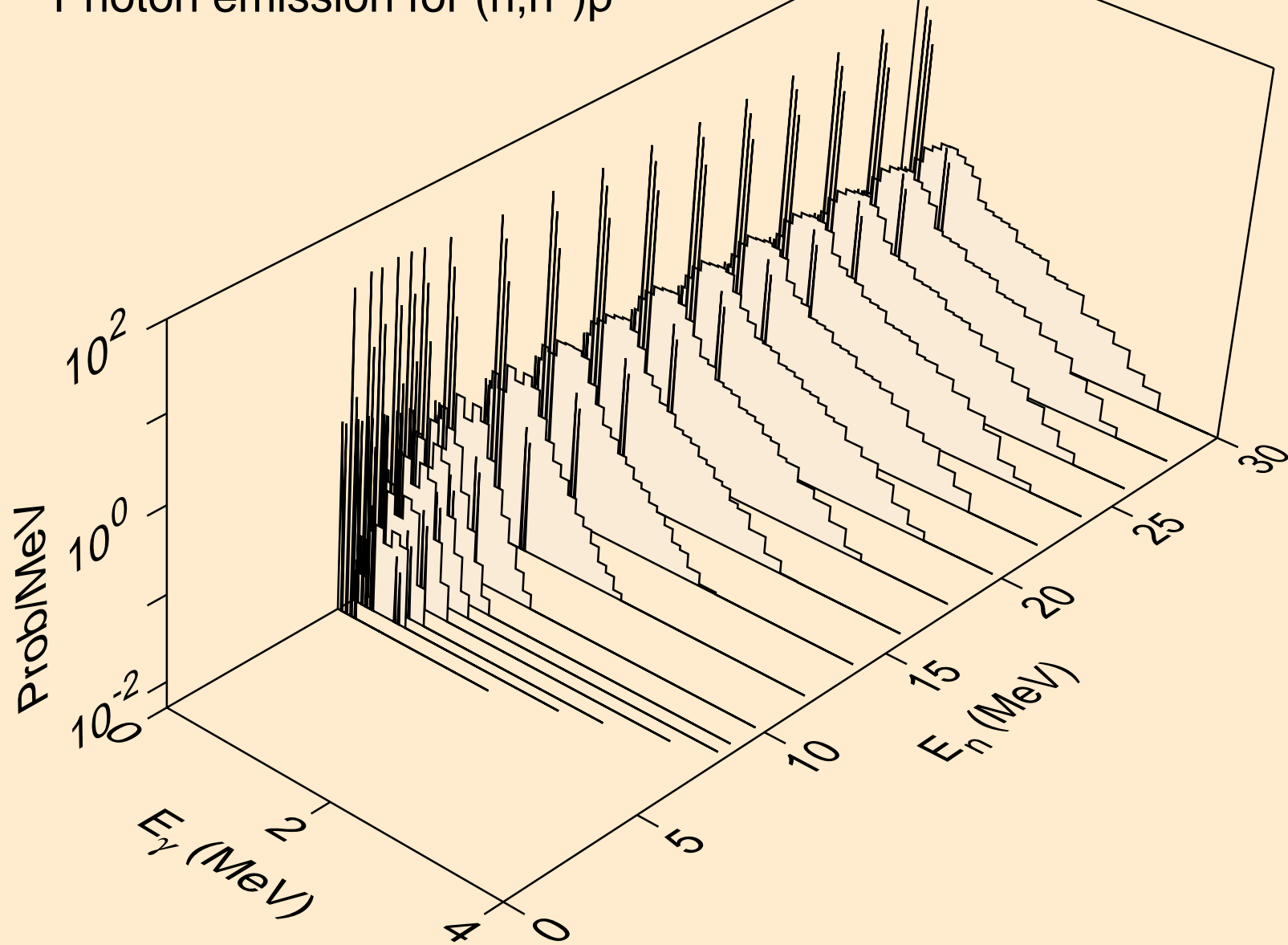




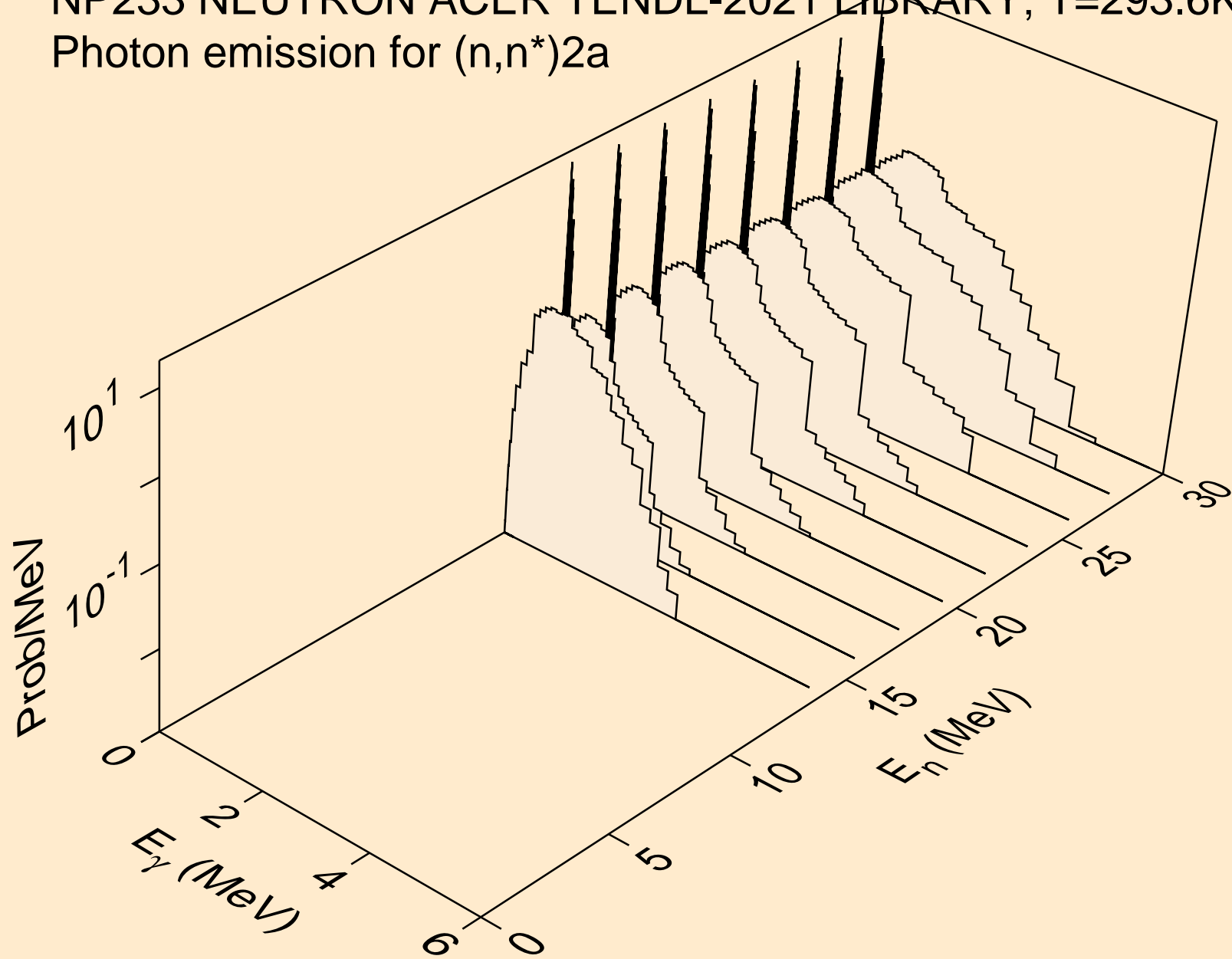
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



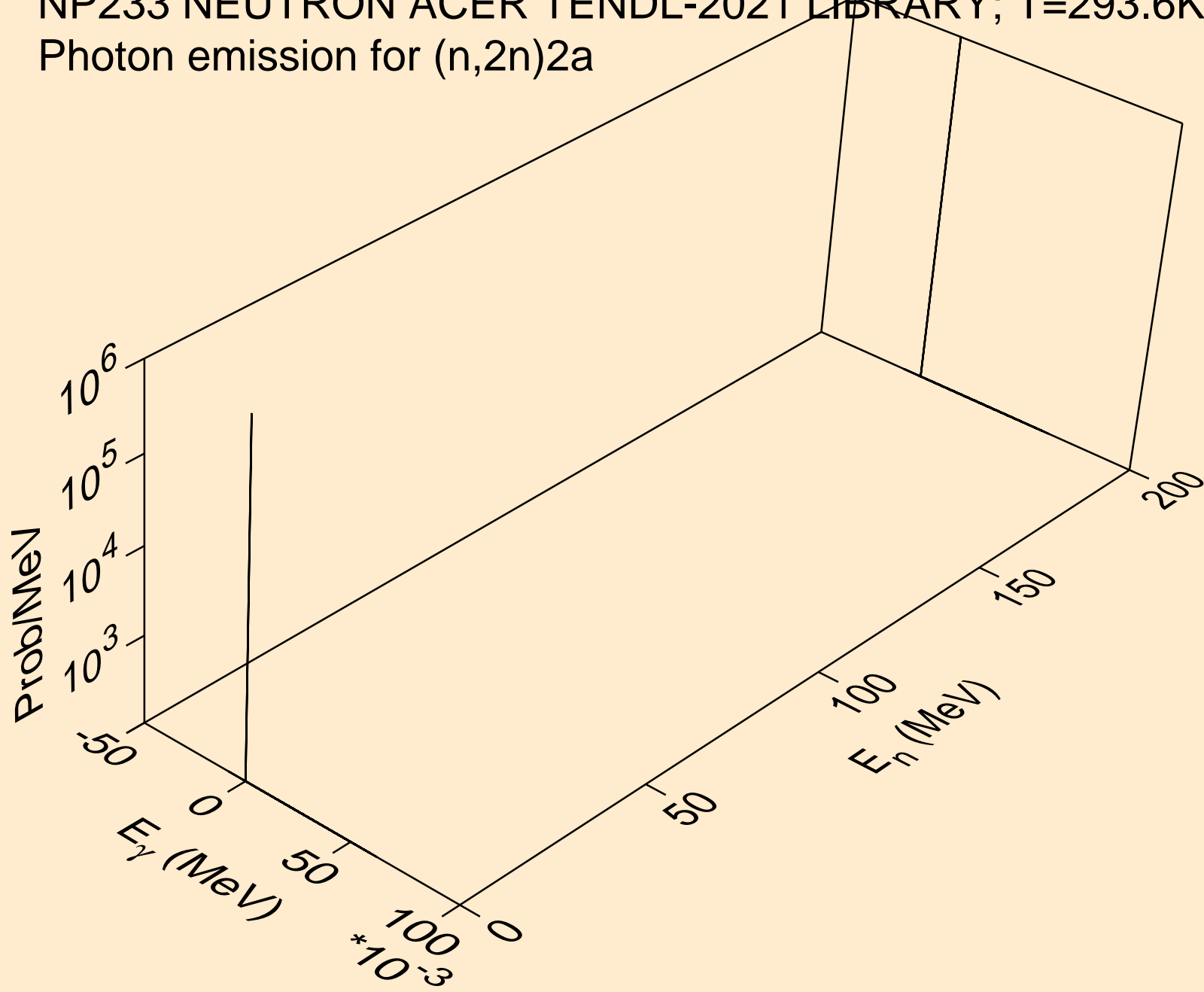
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



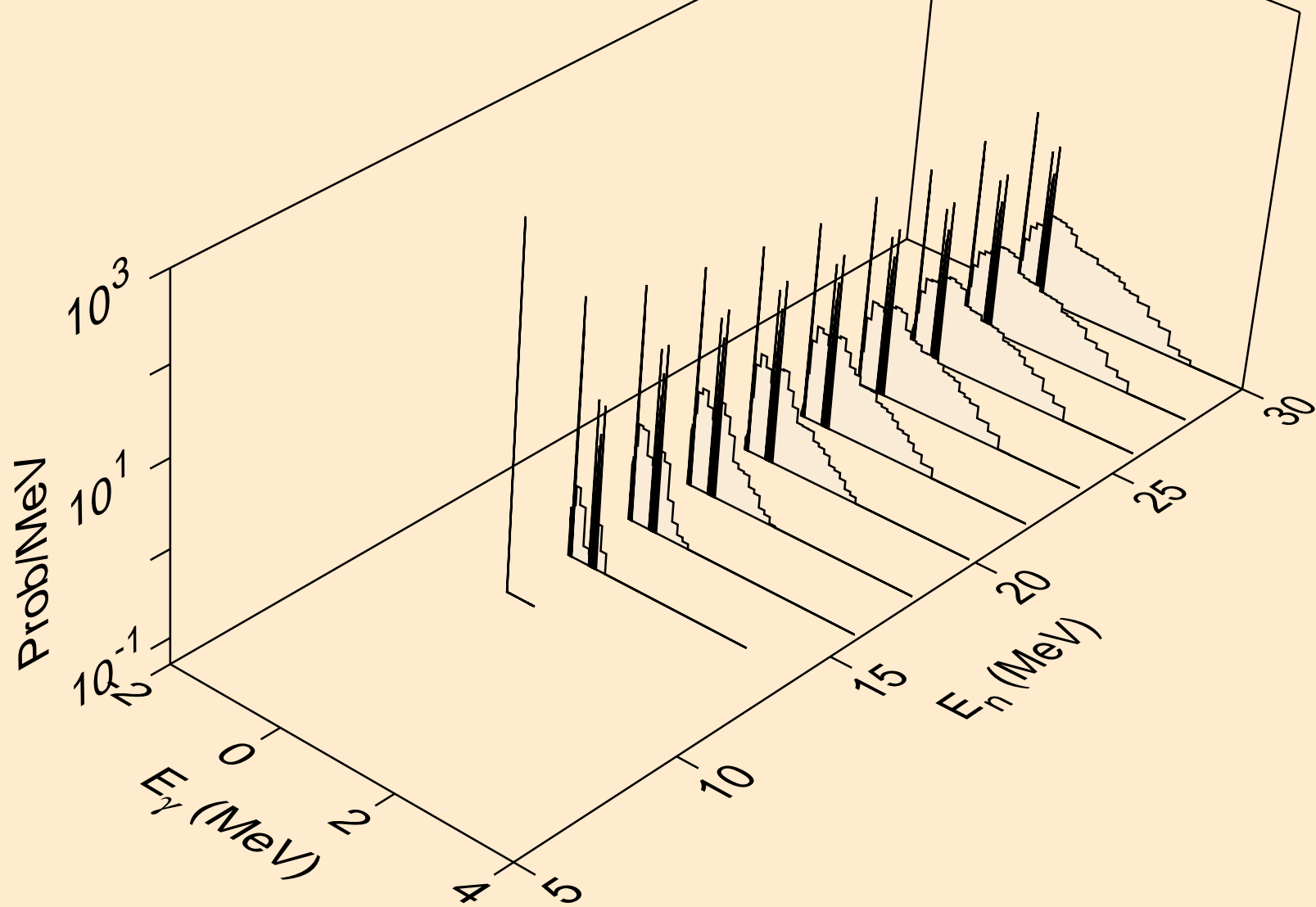
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



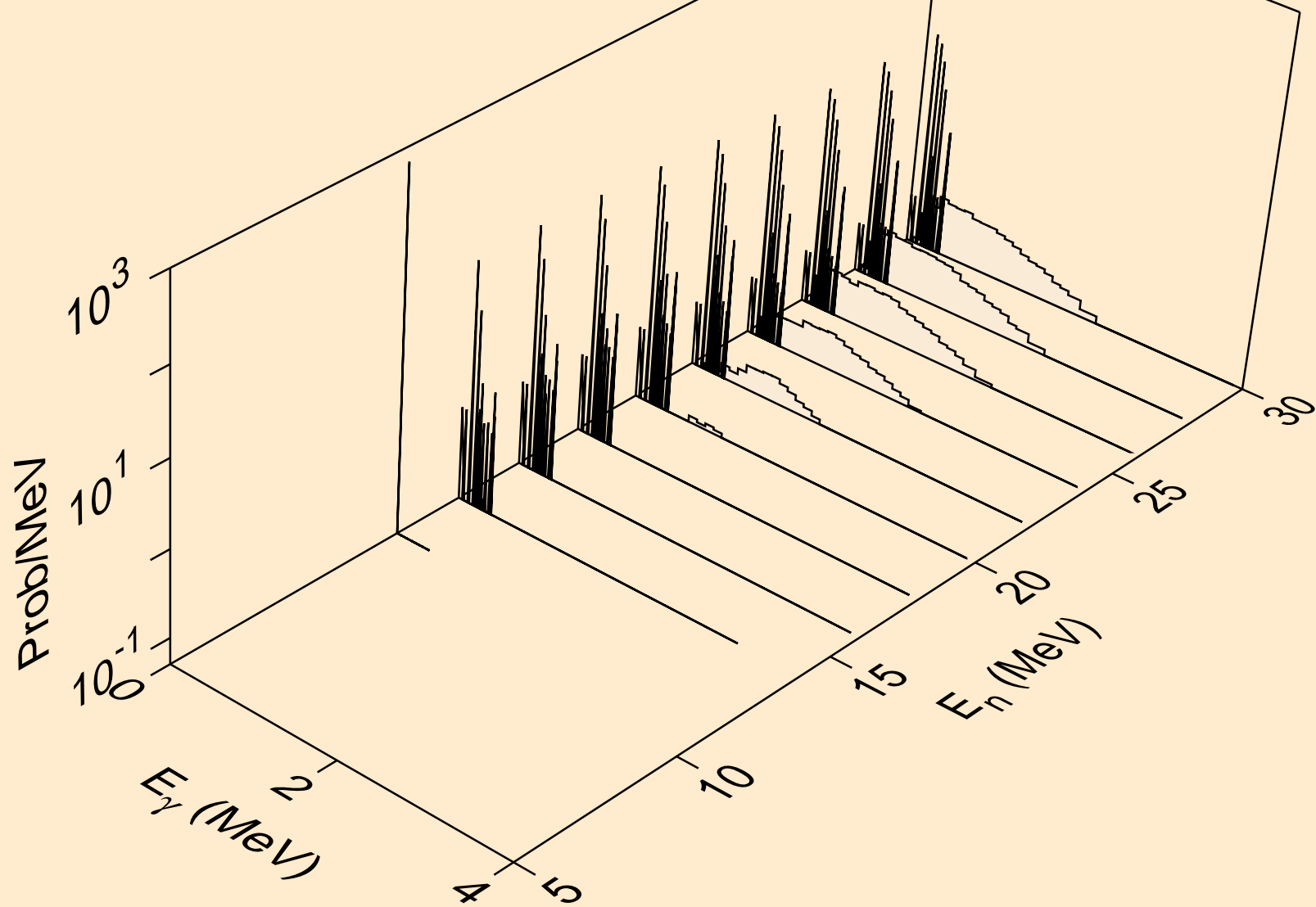
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



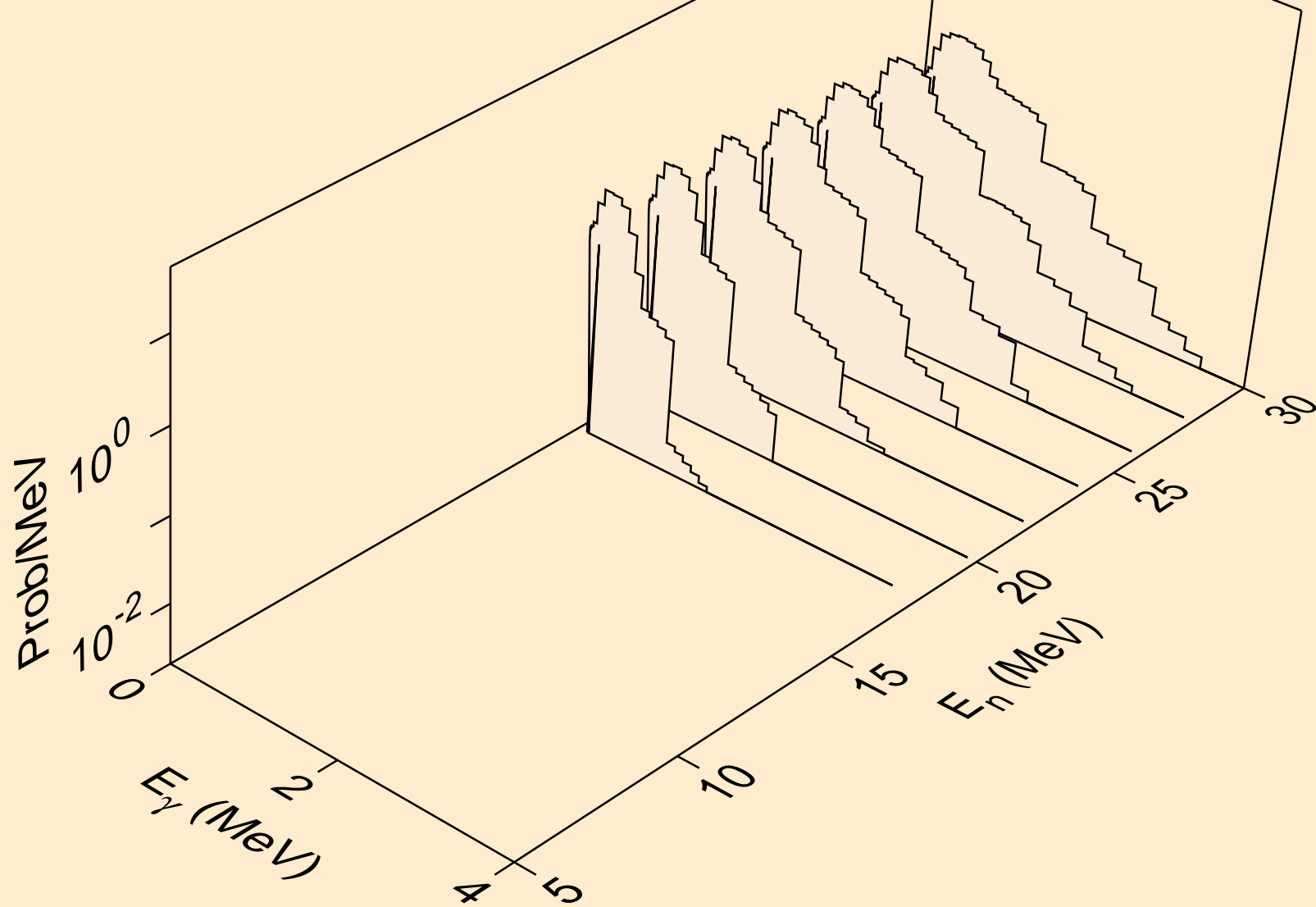
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



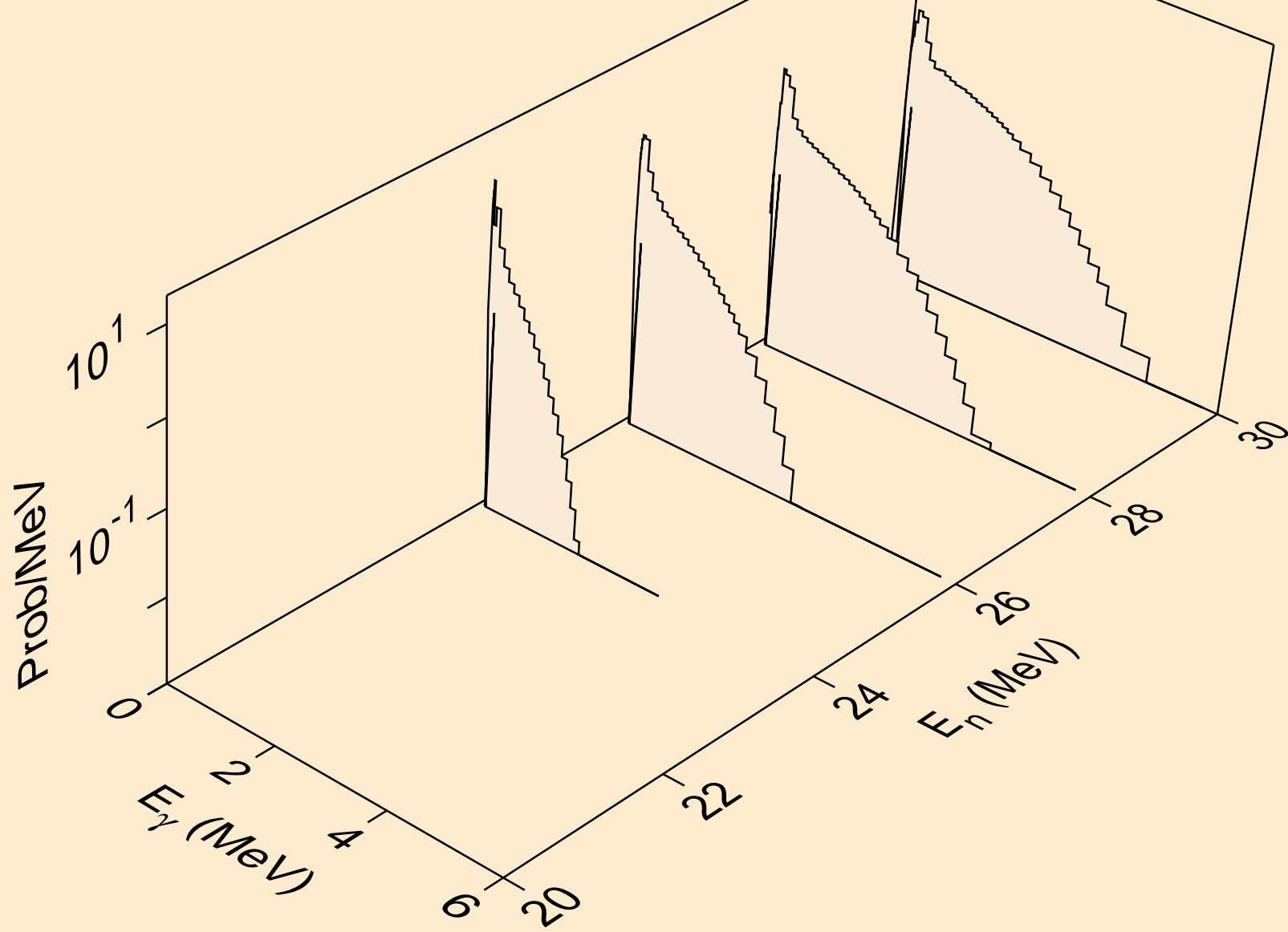
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

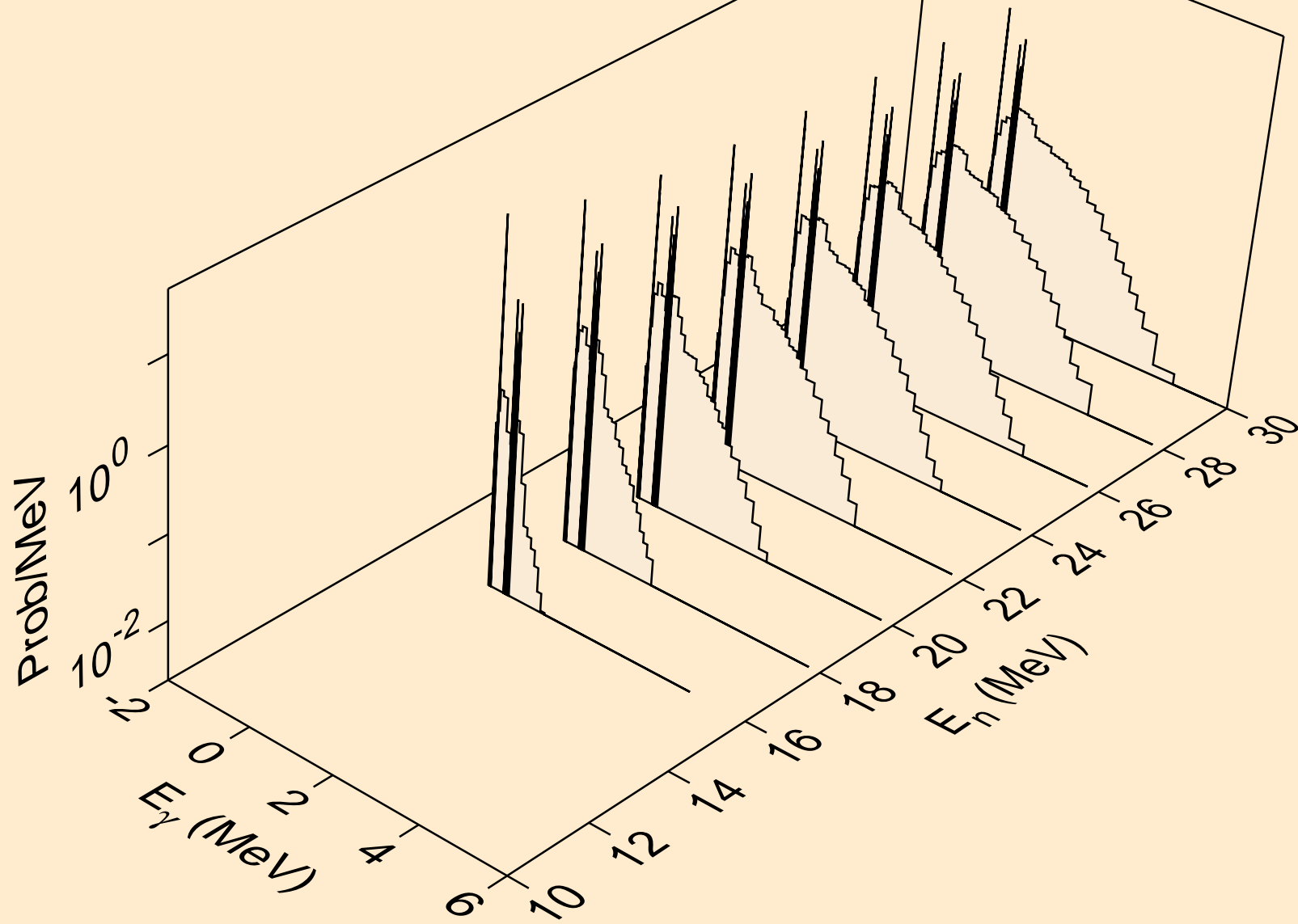


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)

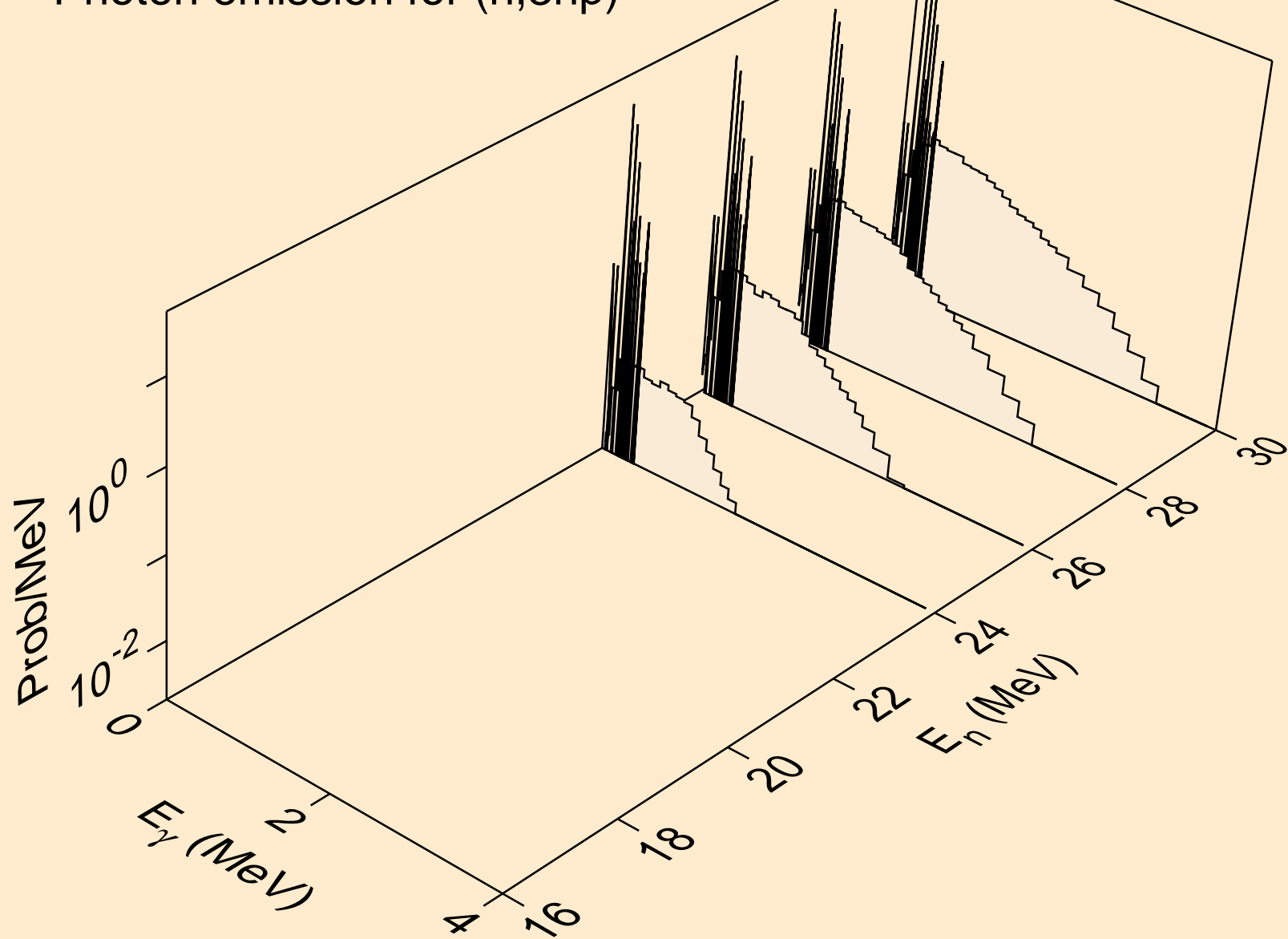




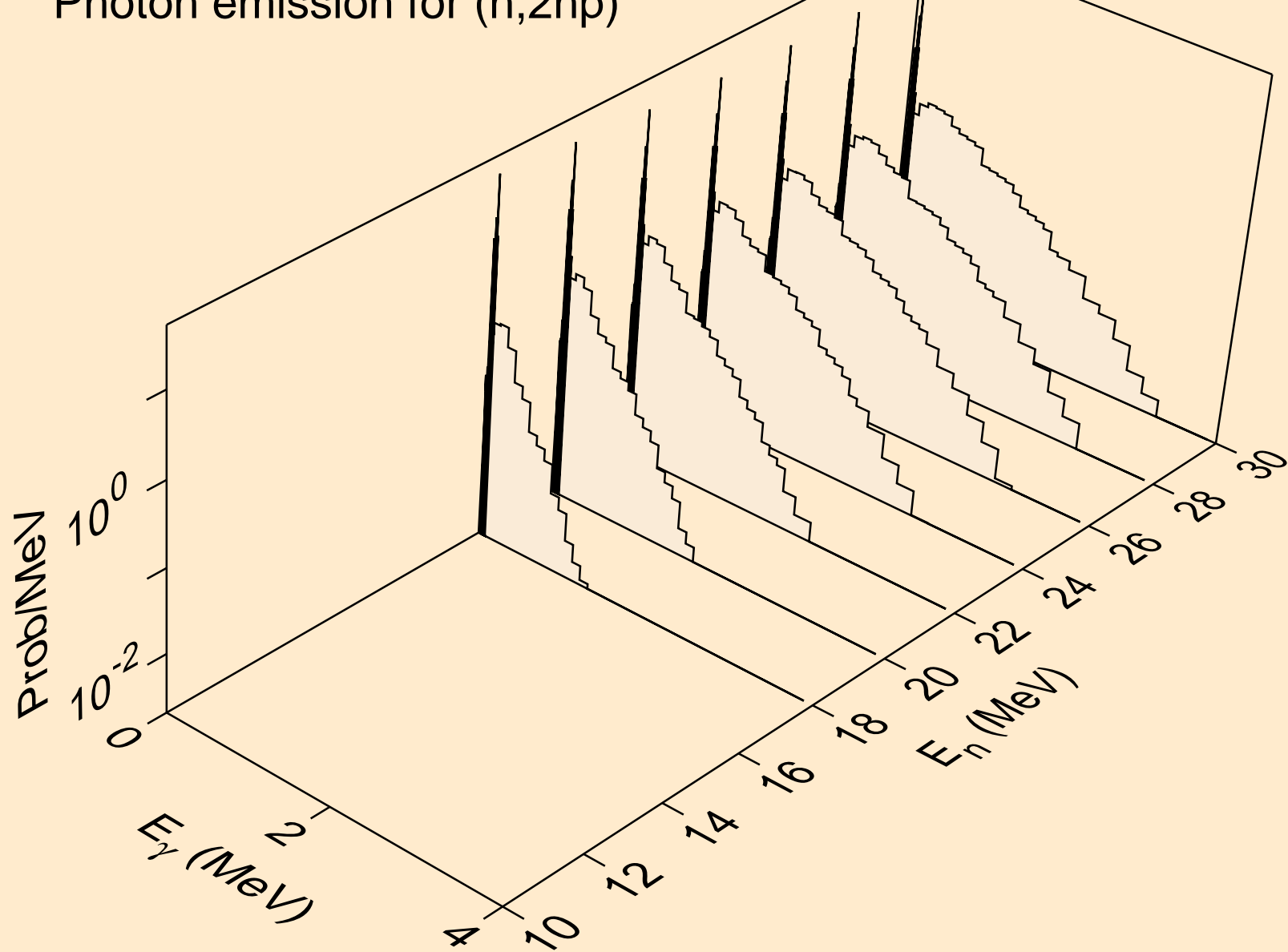
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



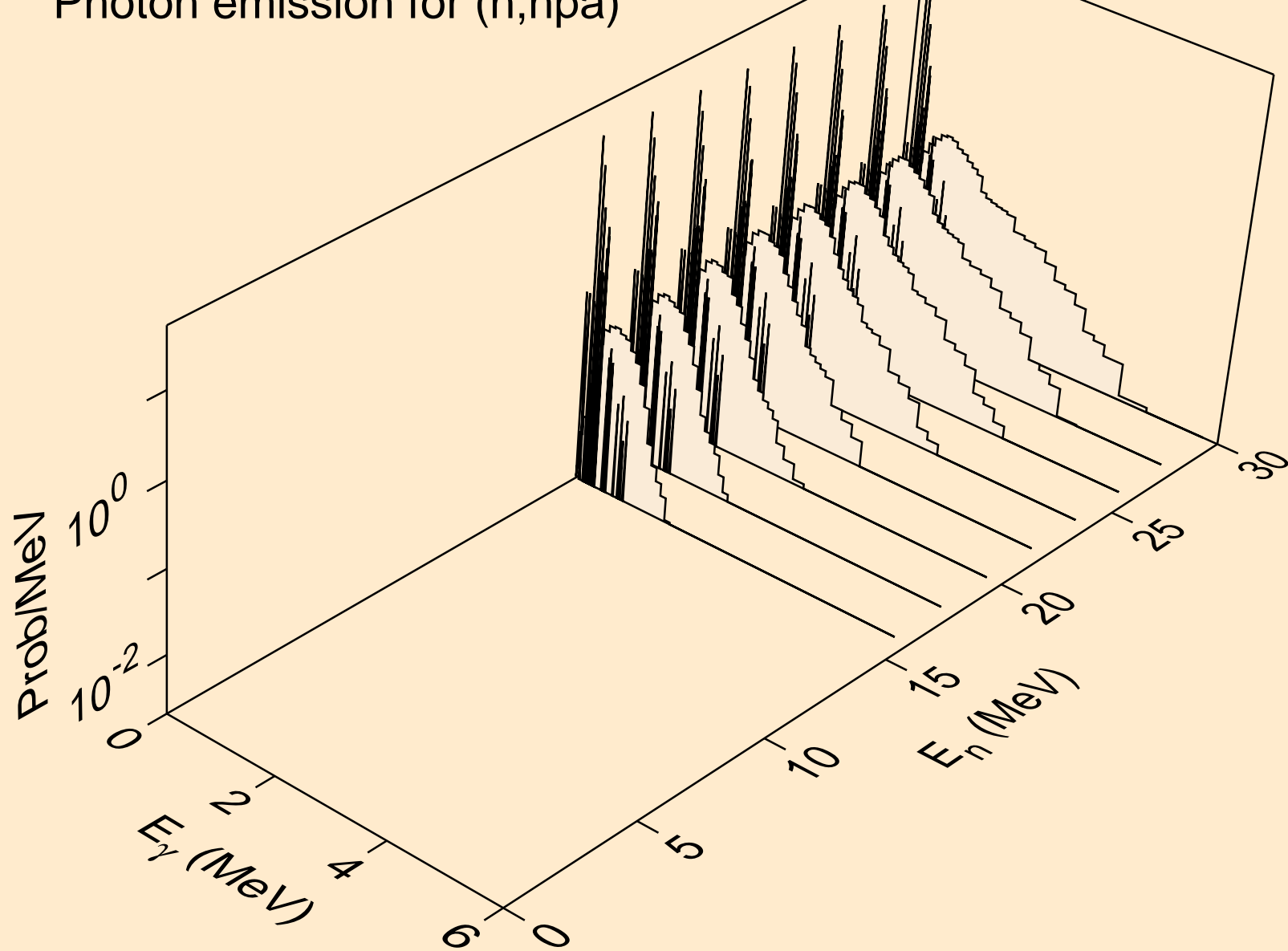
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



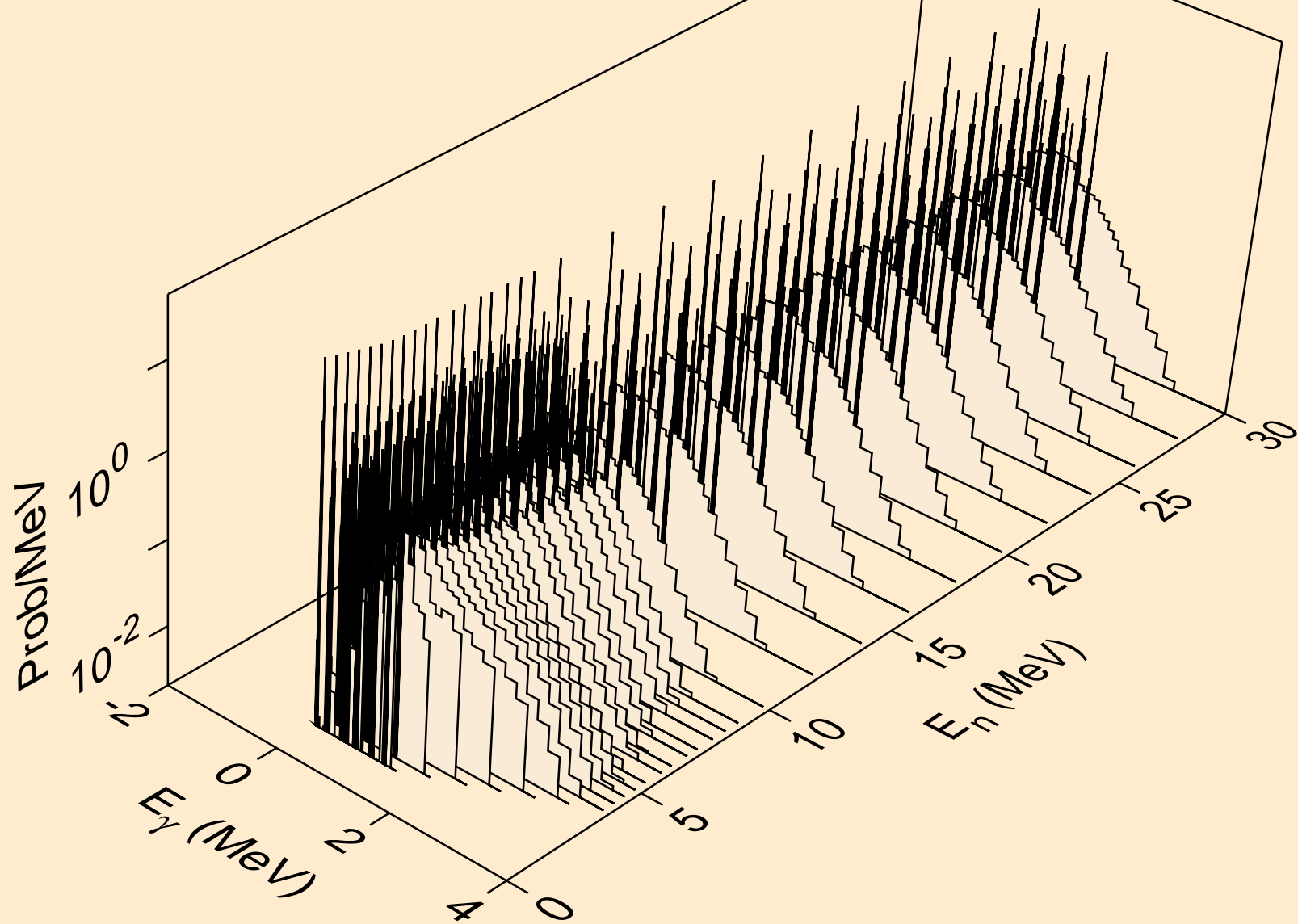
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



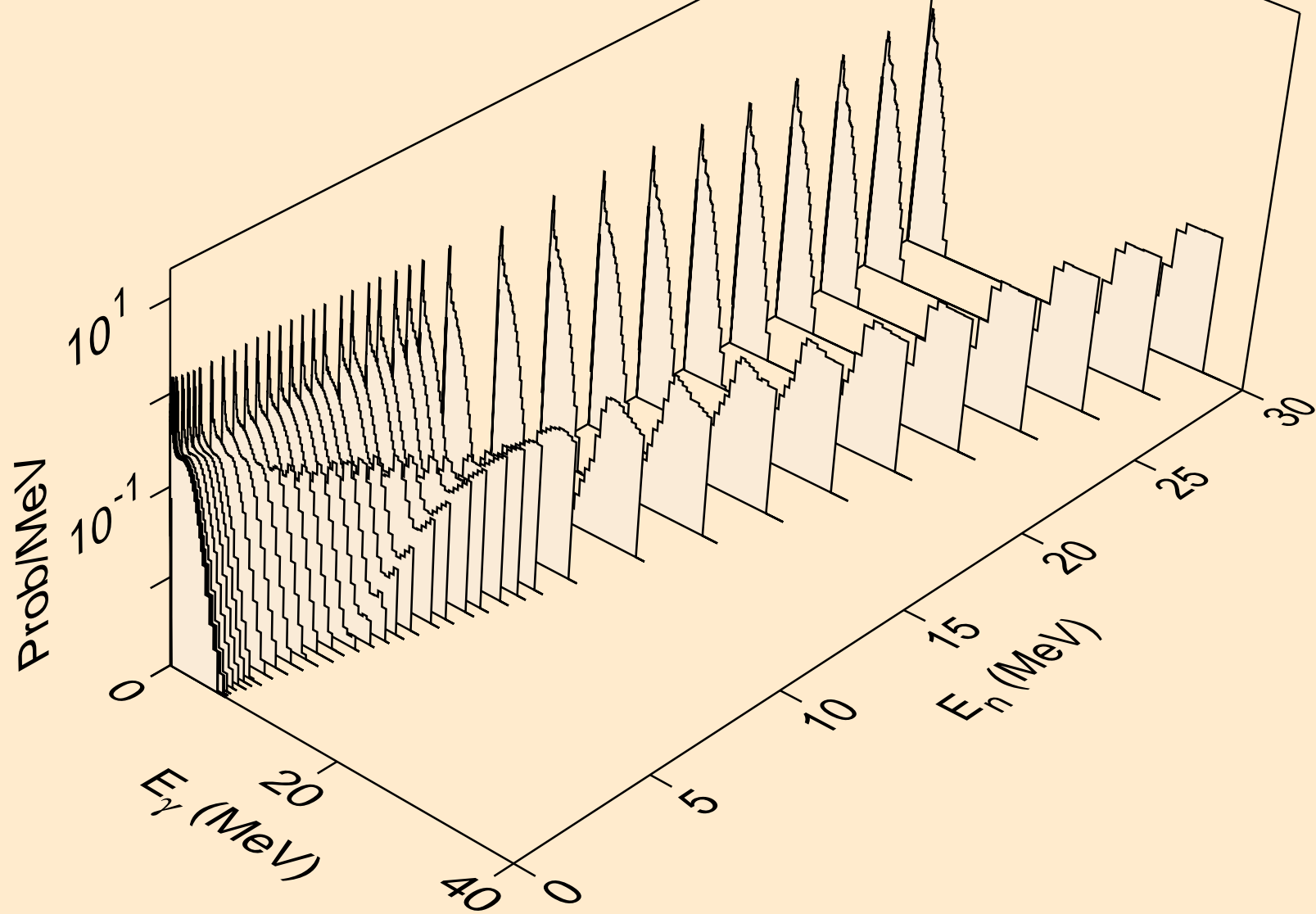
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



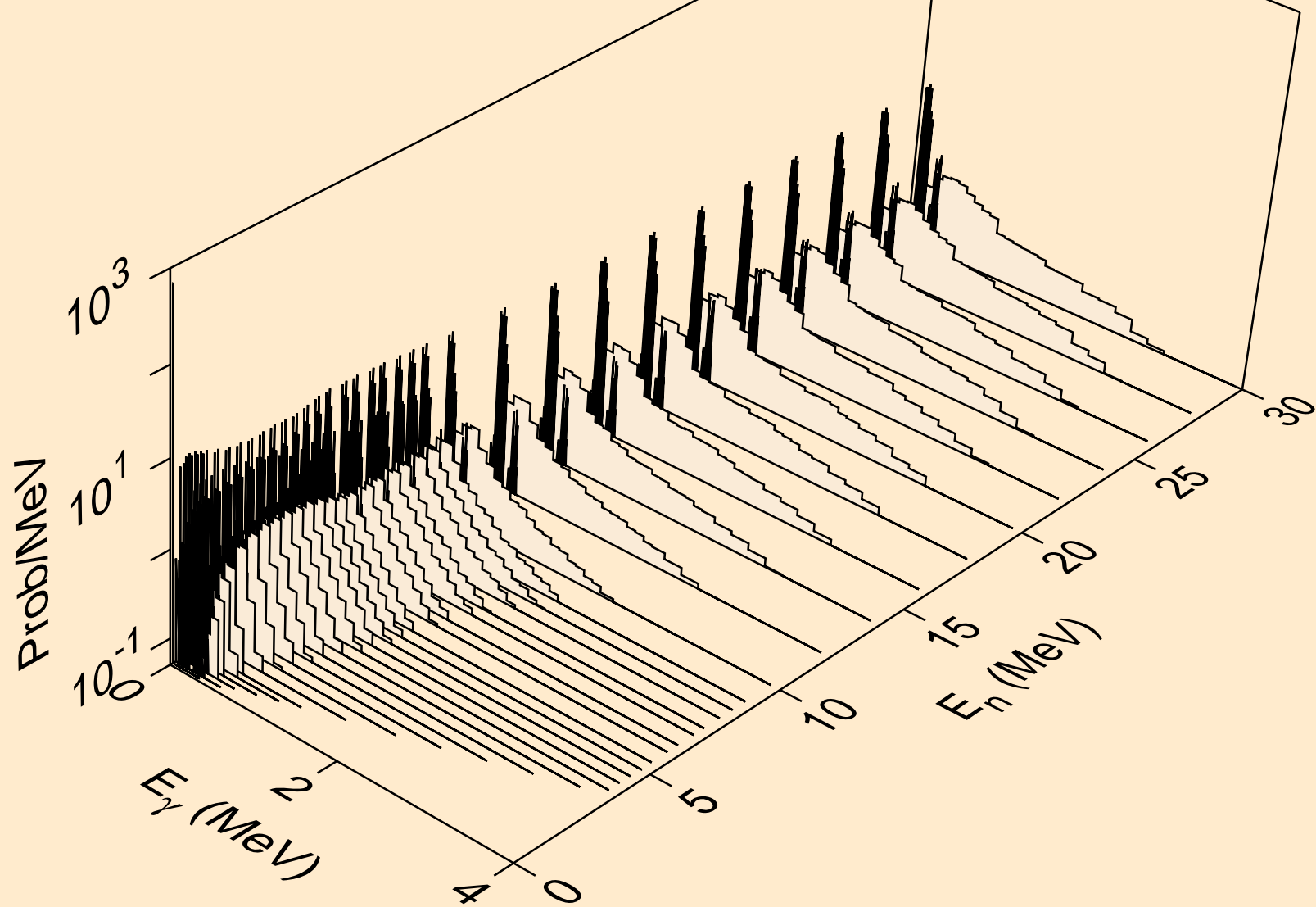
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



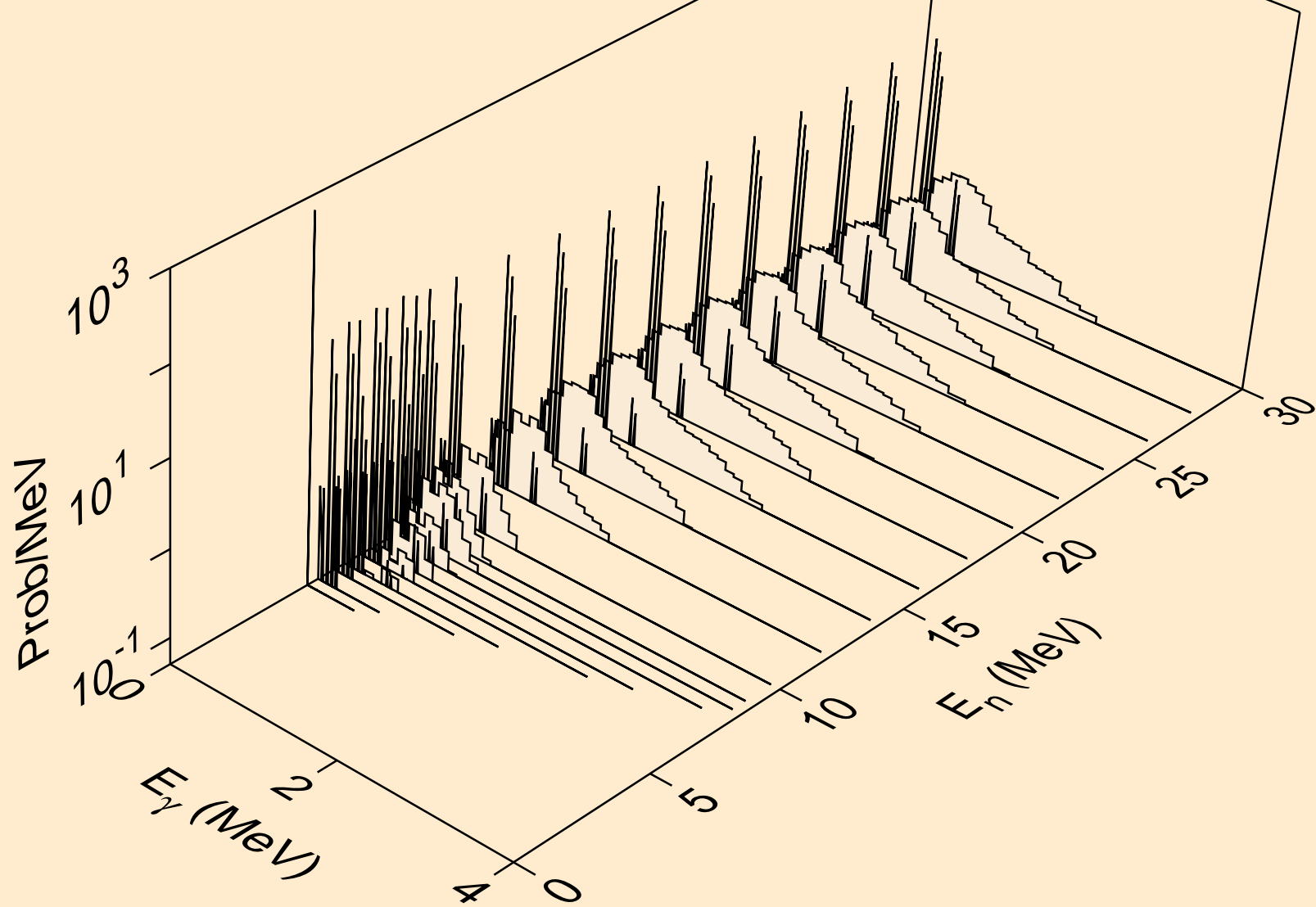
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

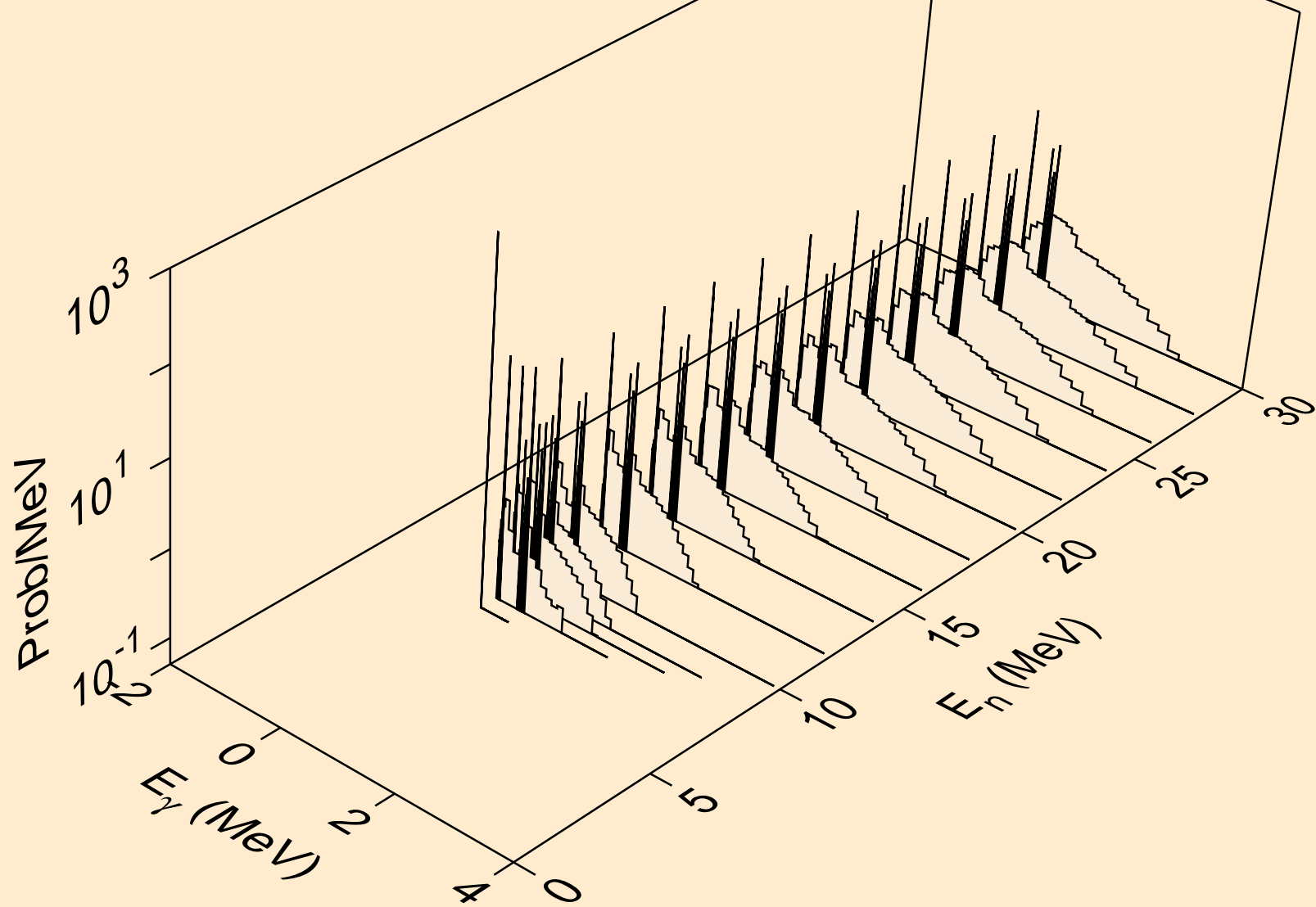


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)

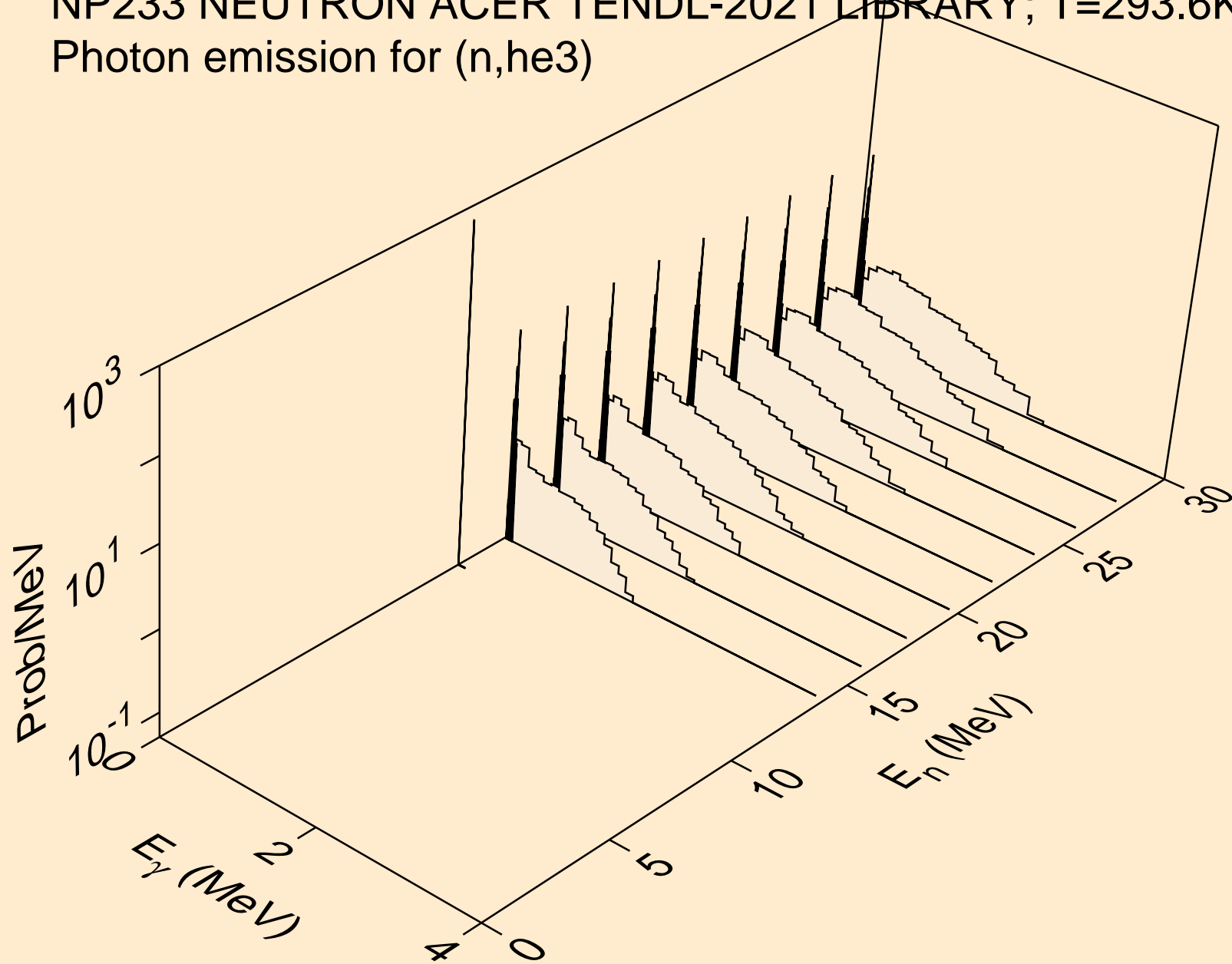




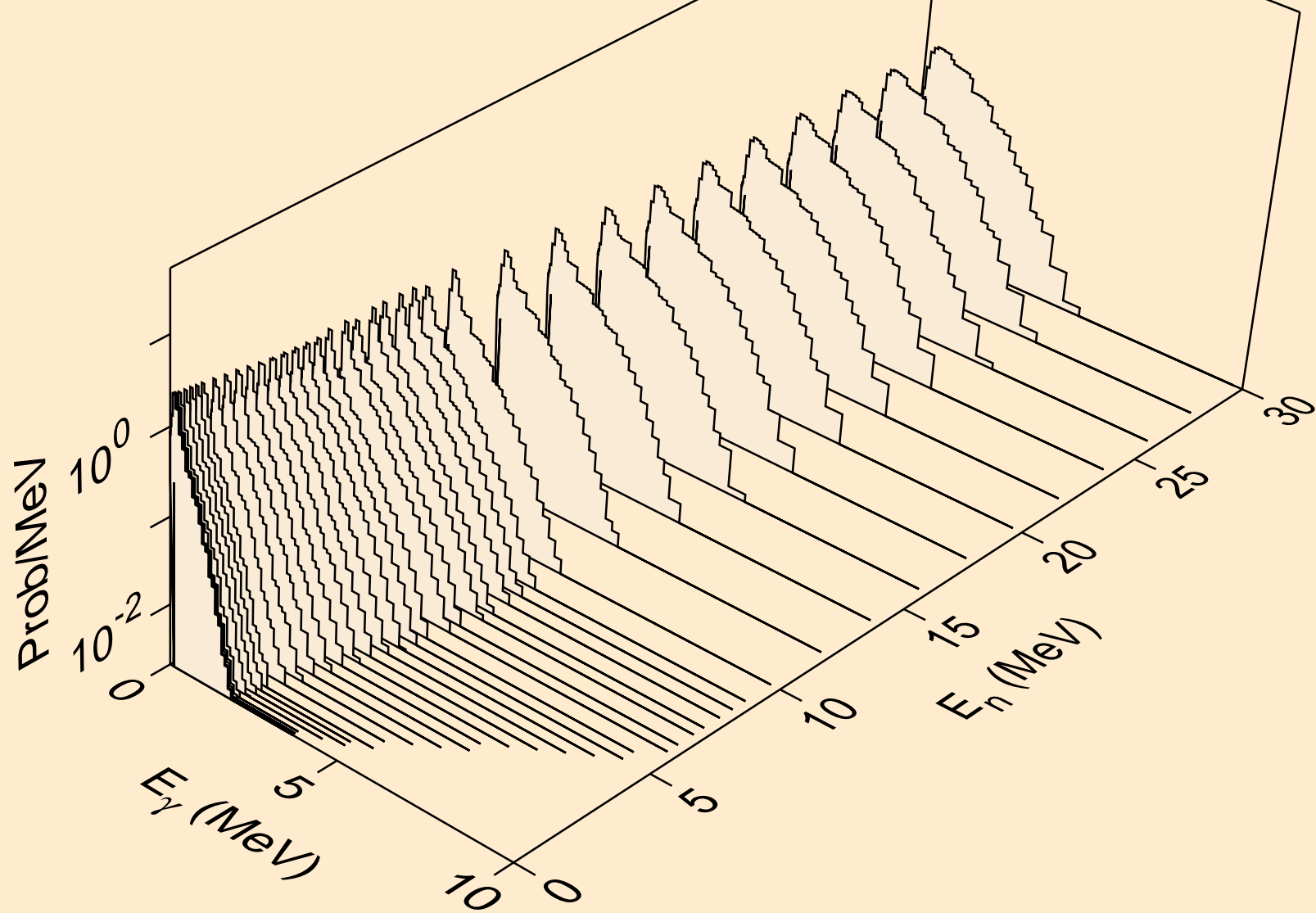
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



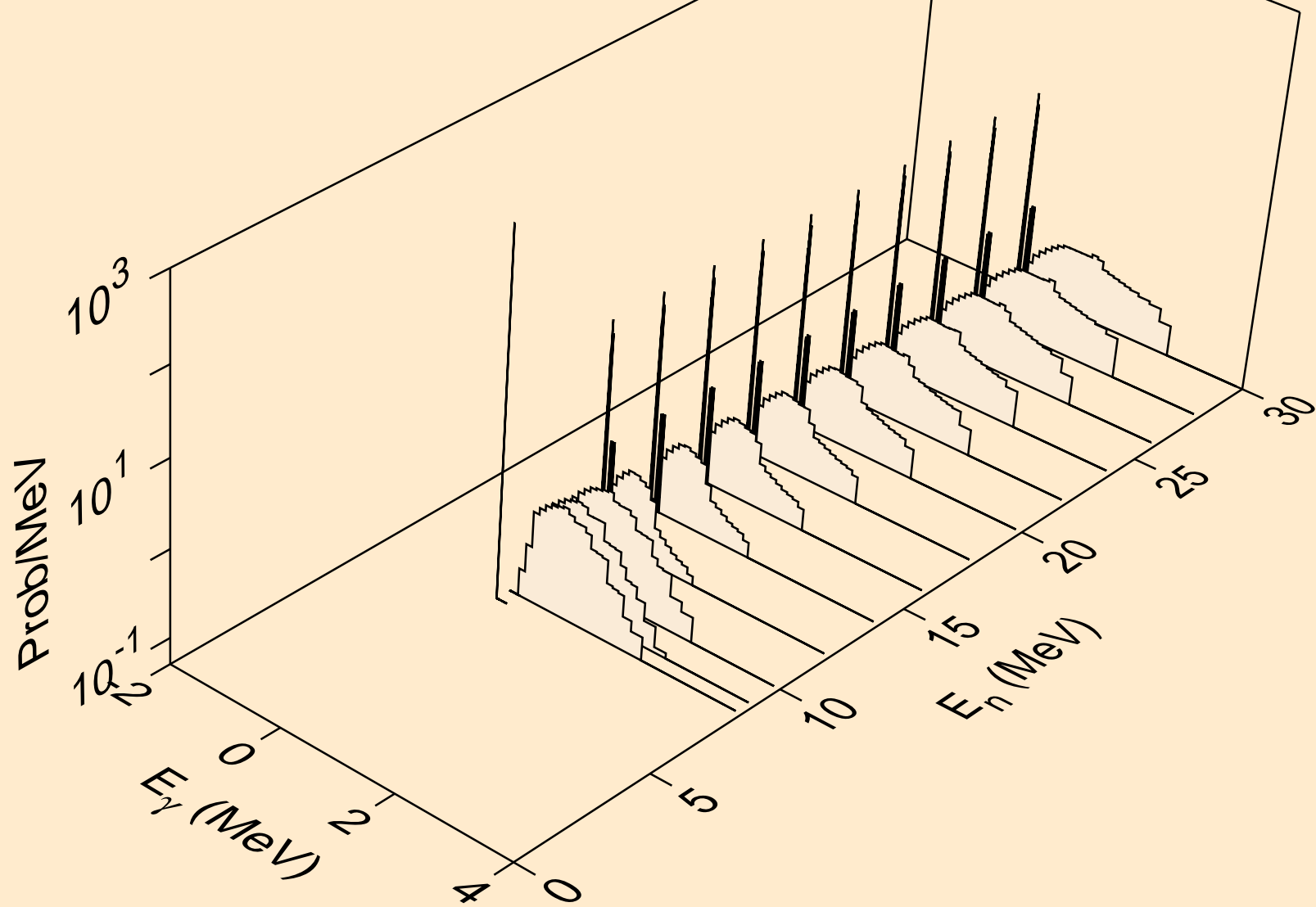
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



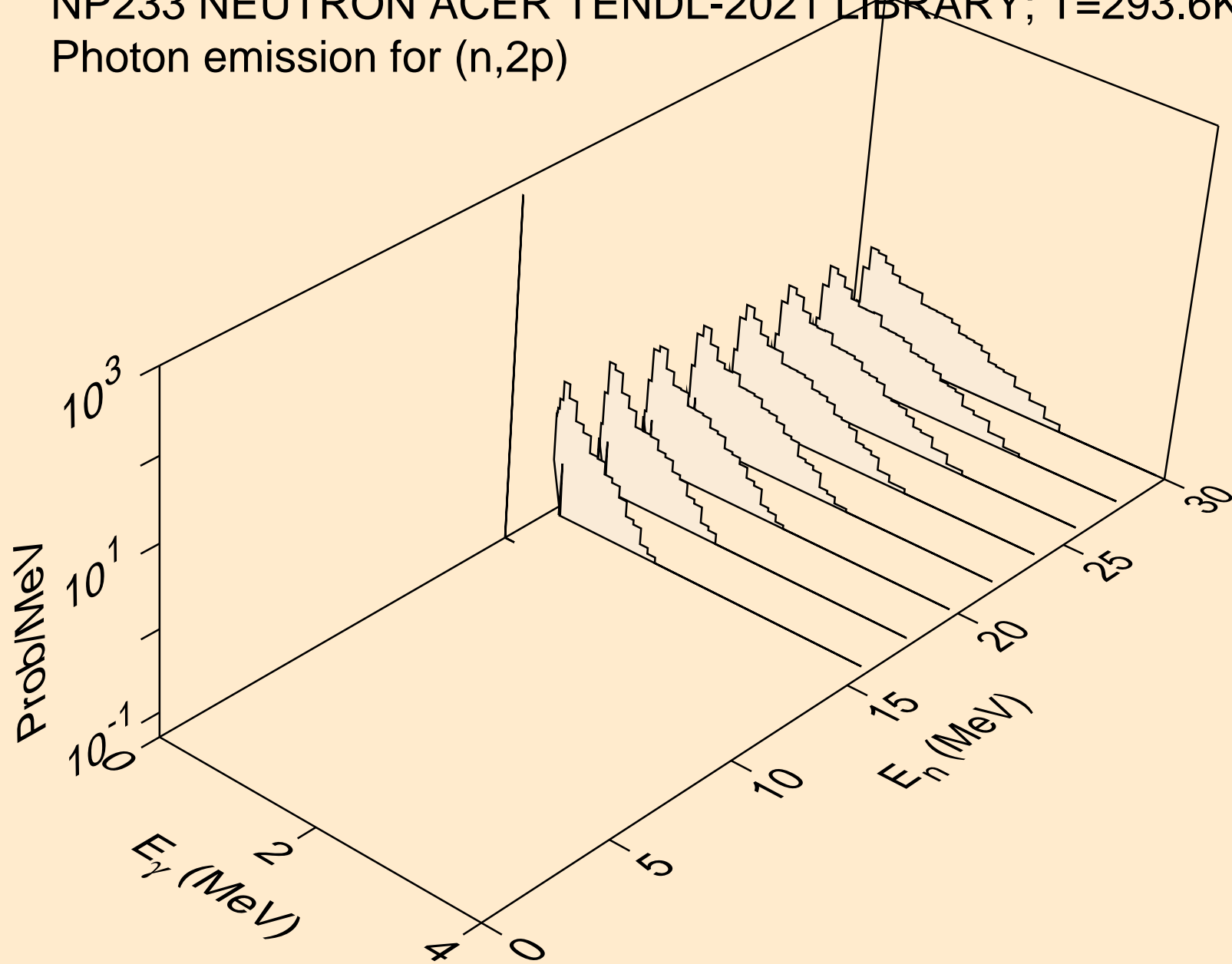
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



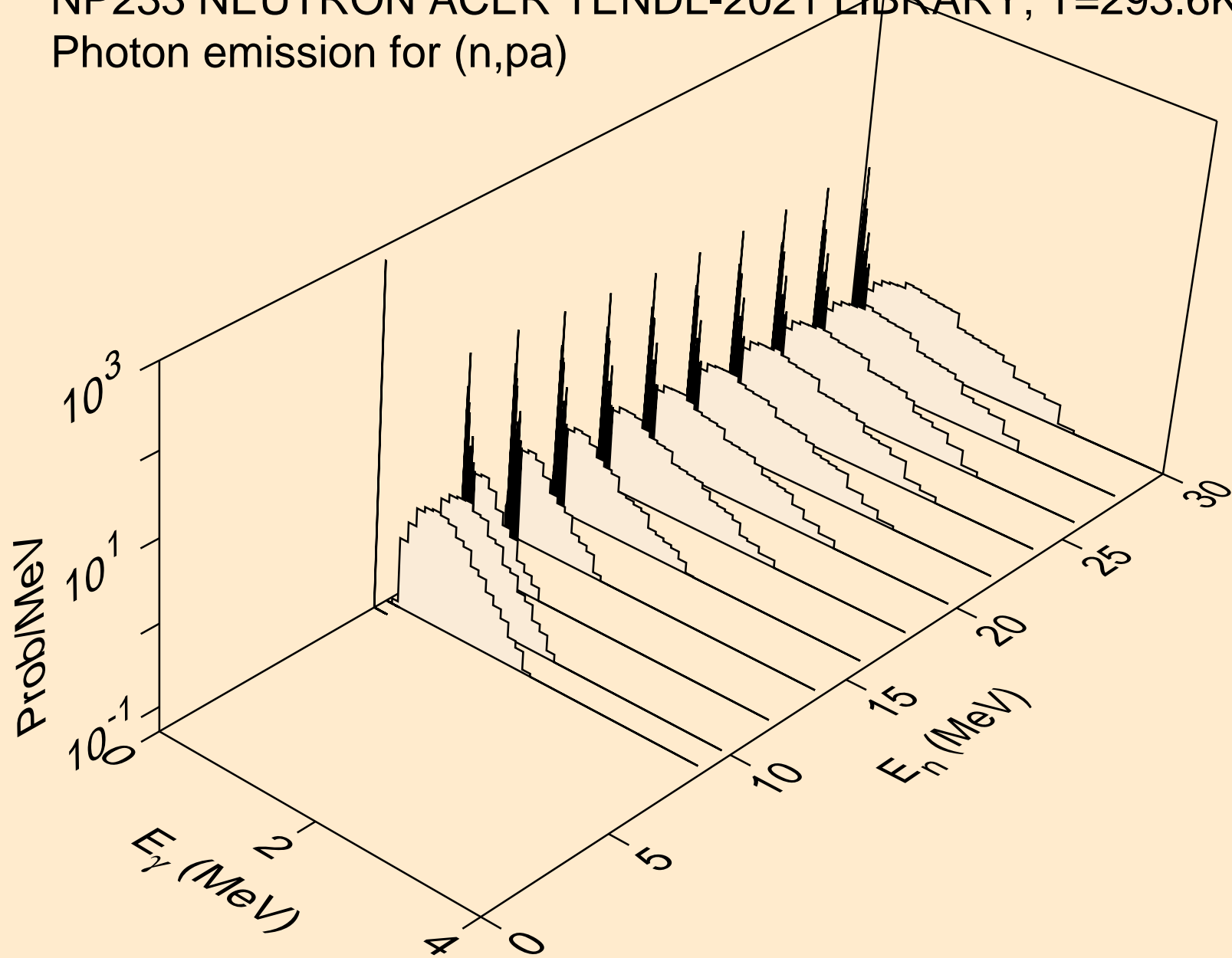
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



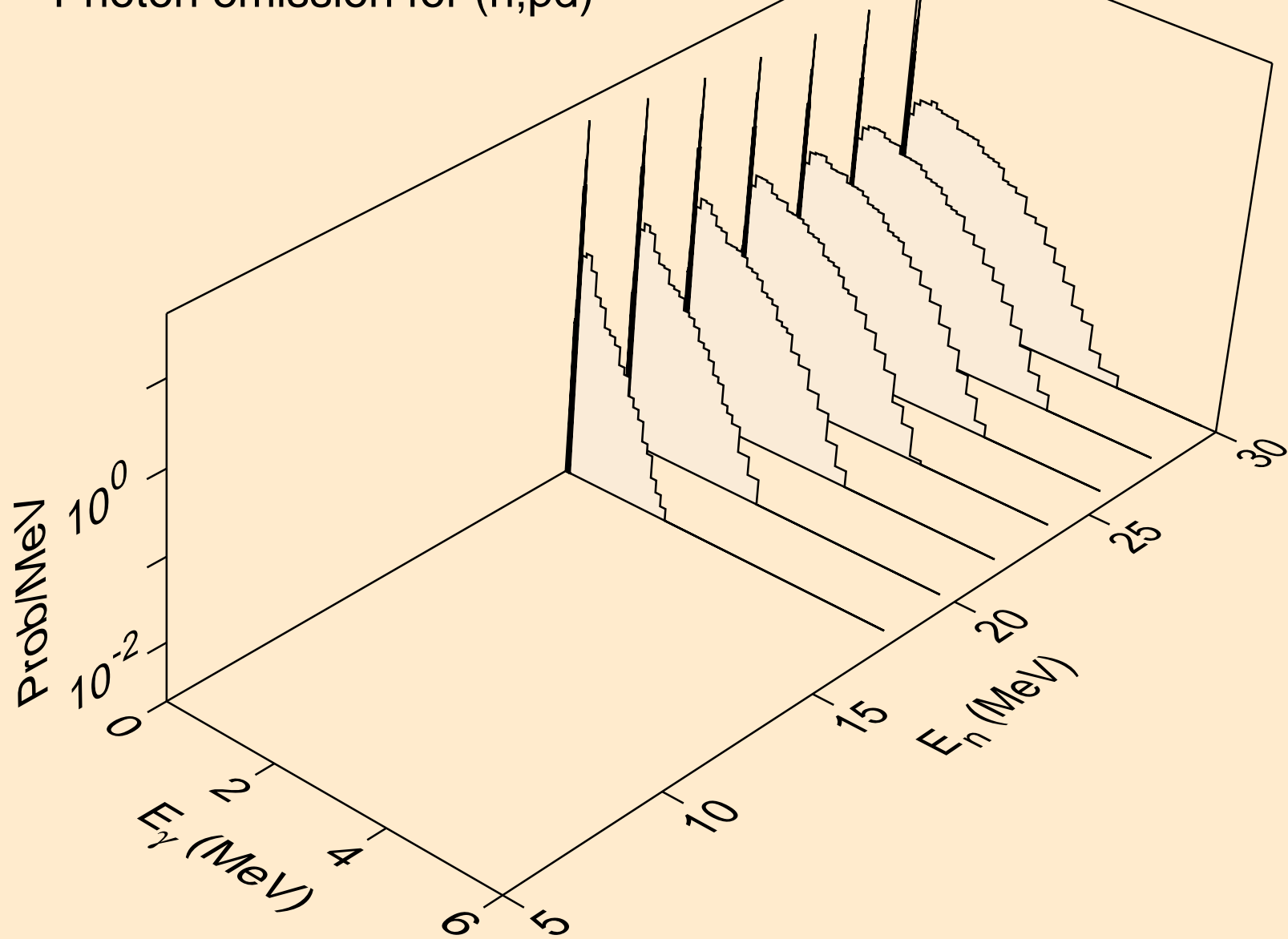
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



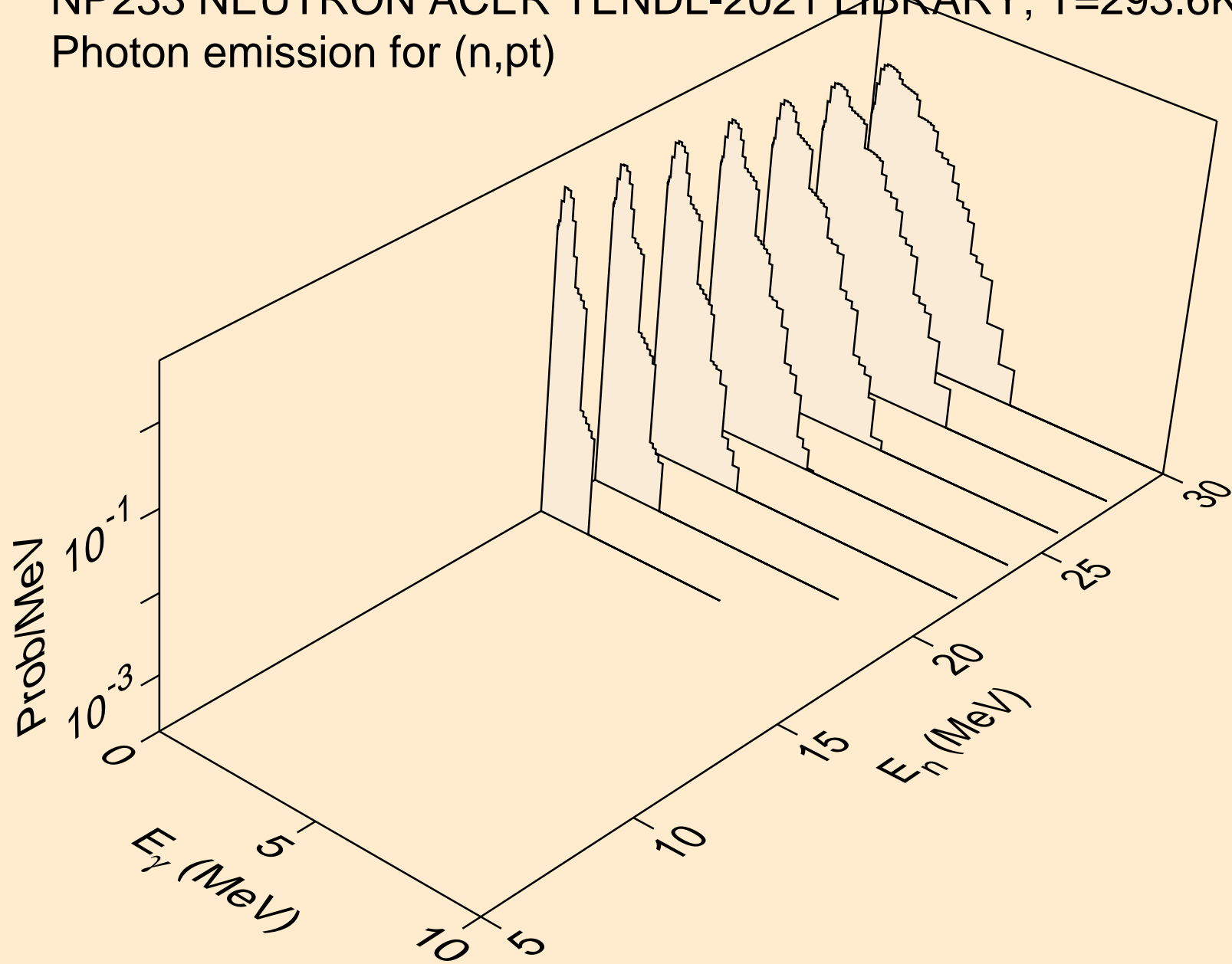
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

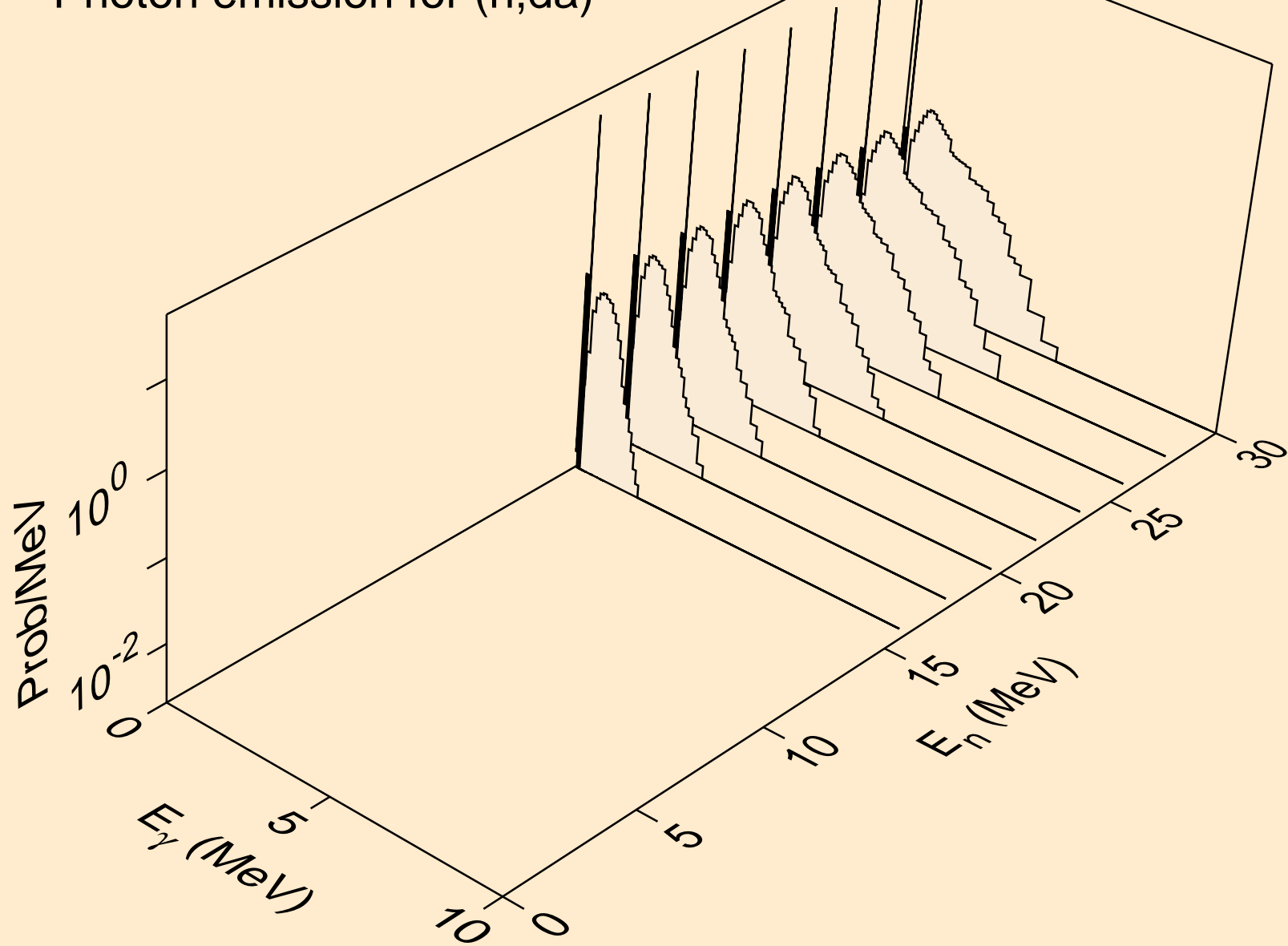


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

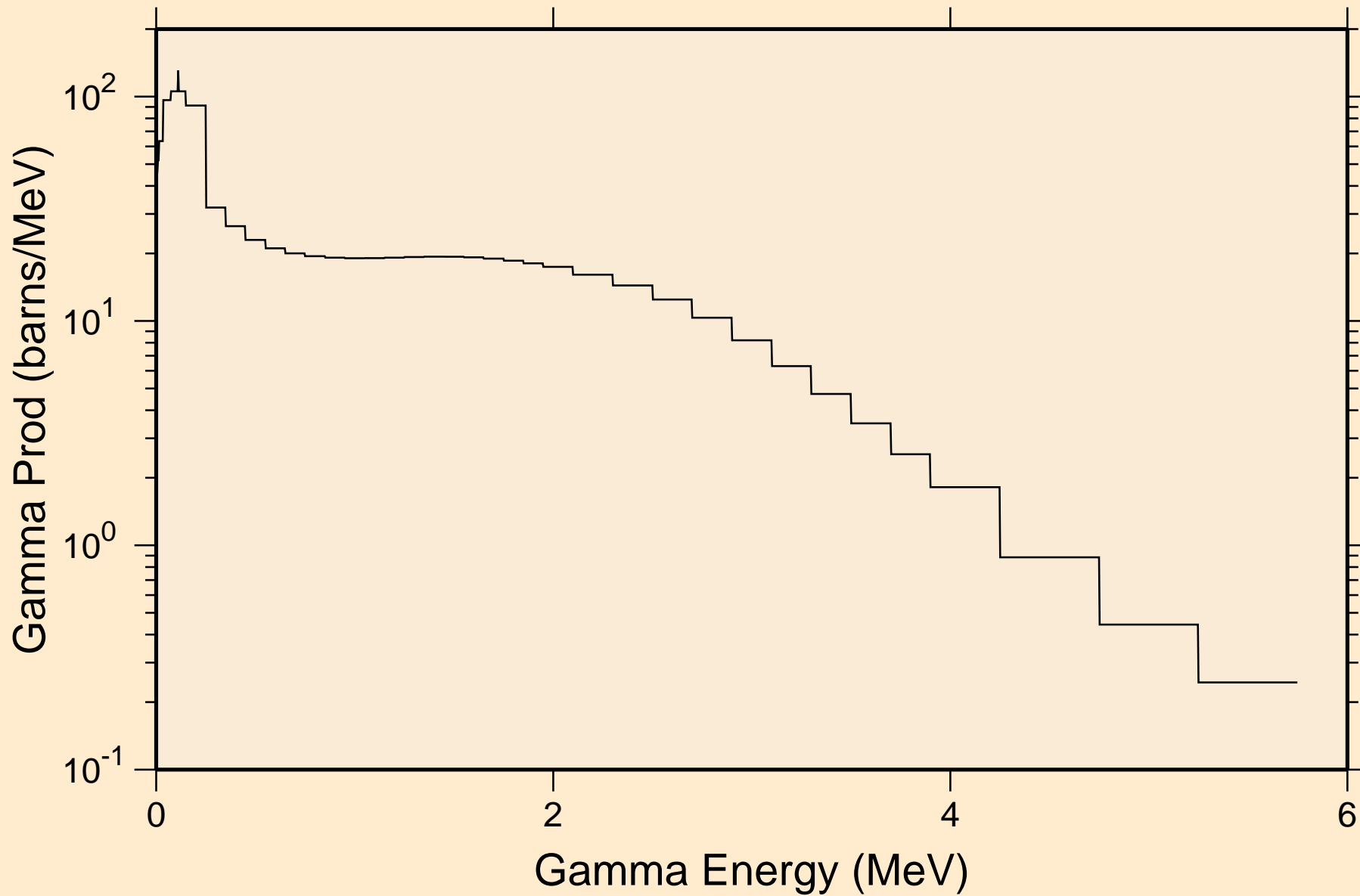




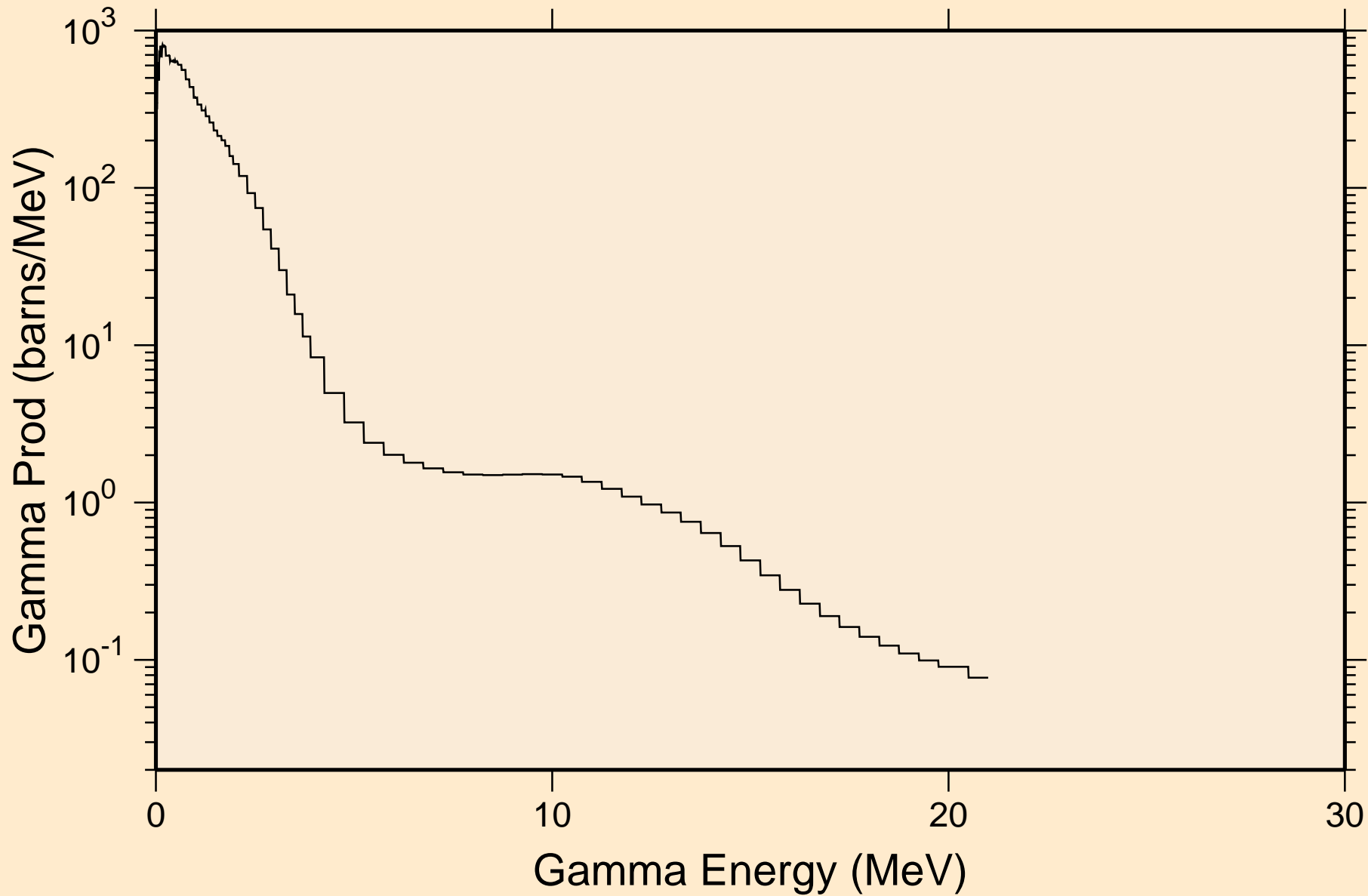
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

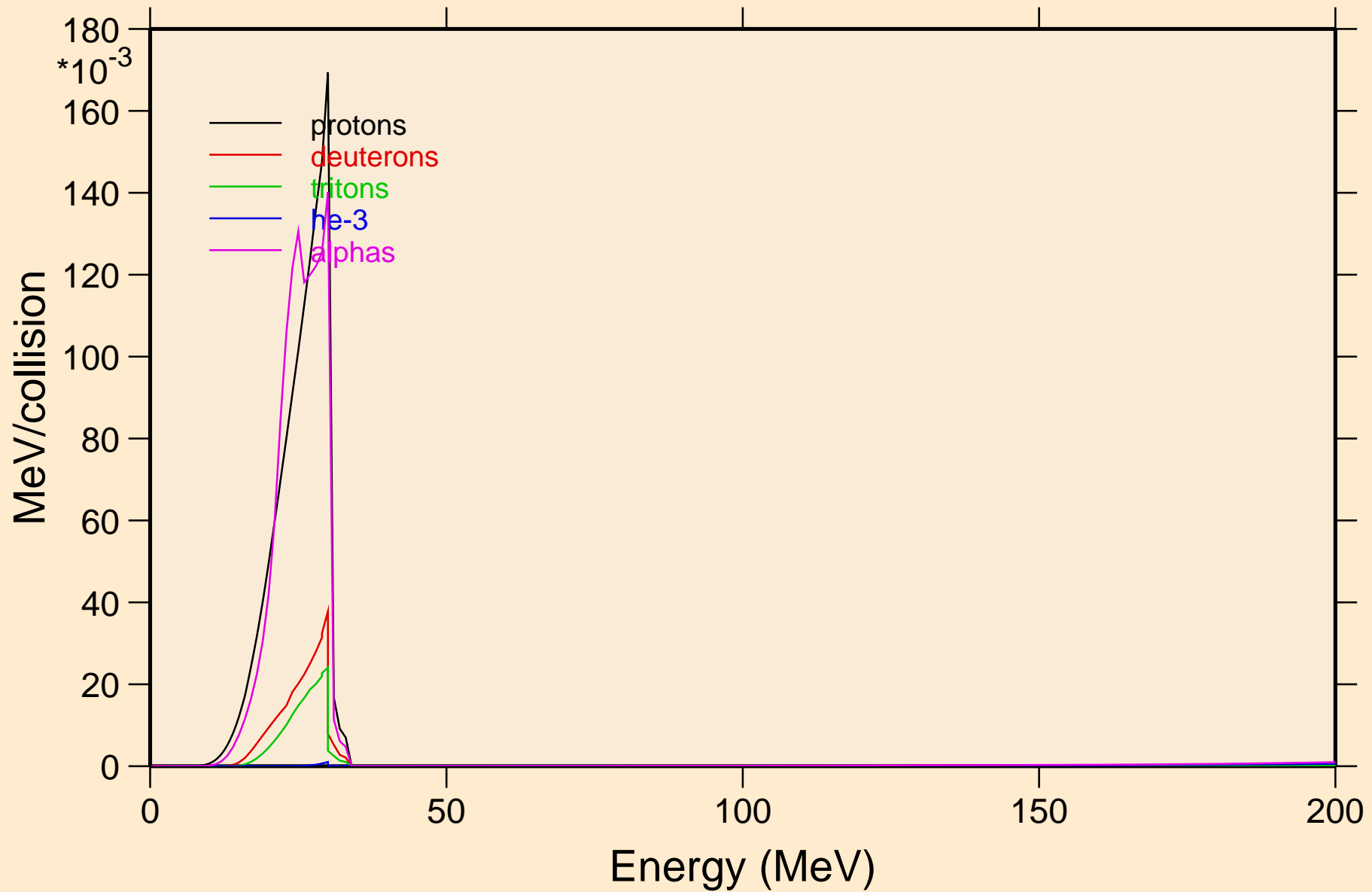


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

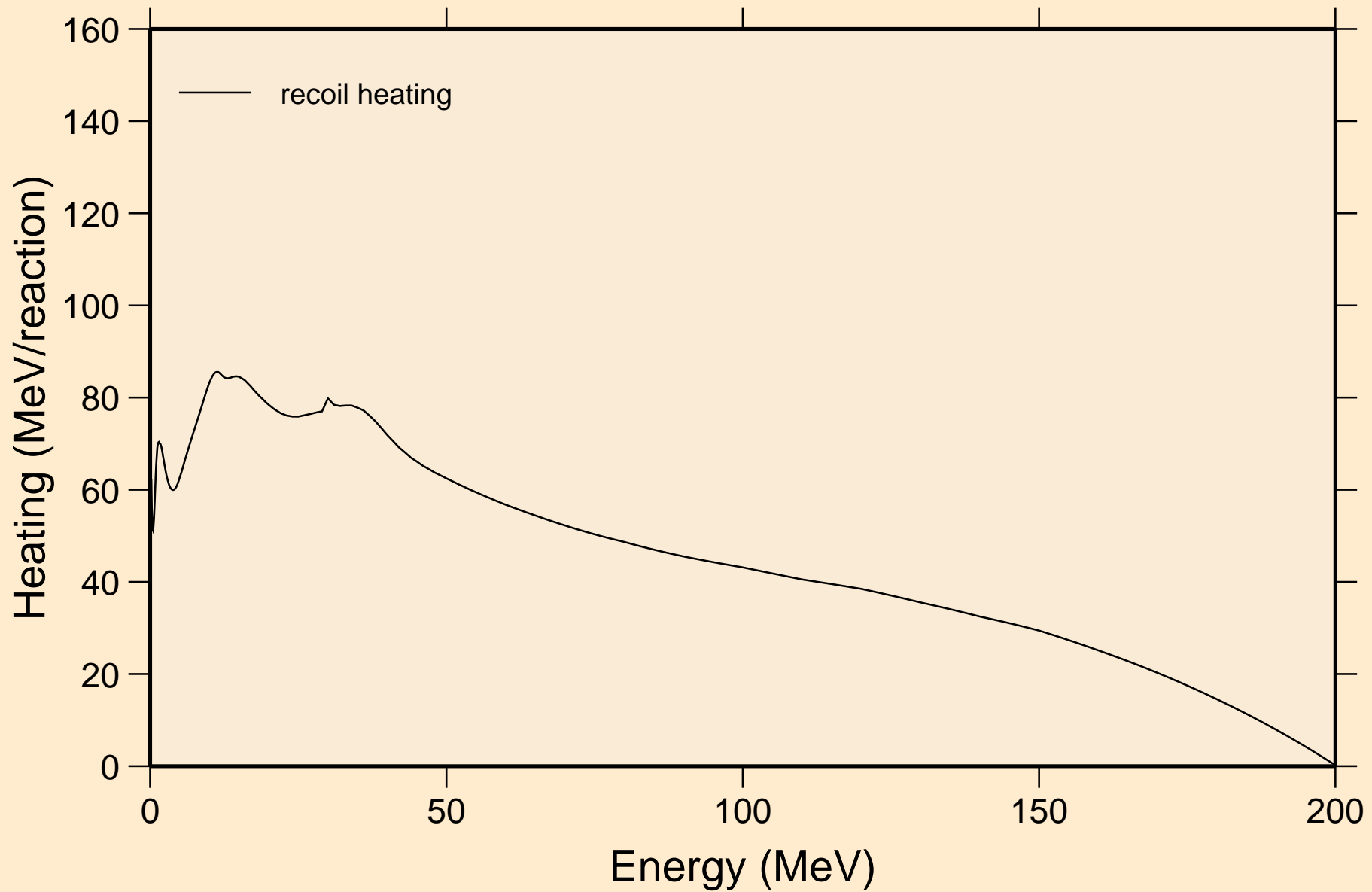


# NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

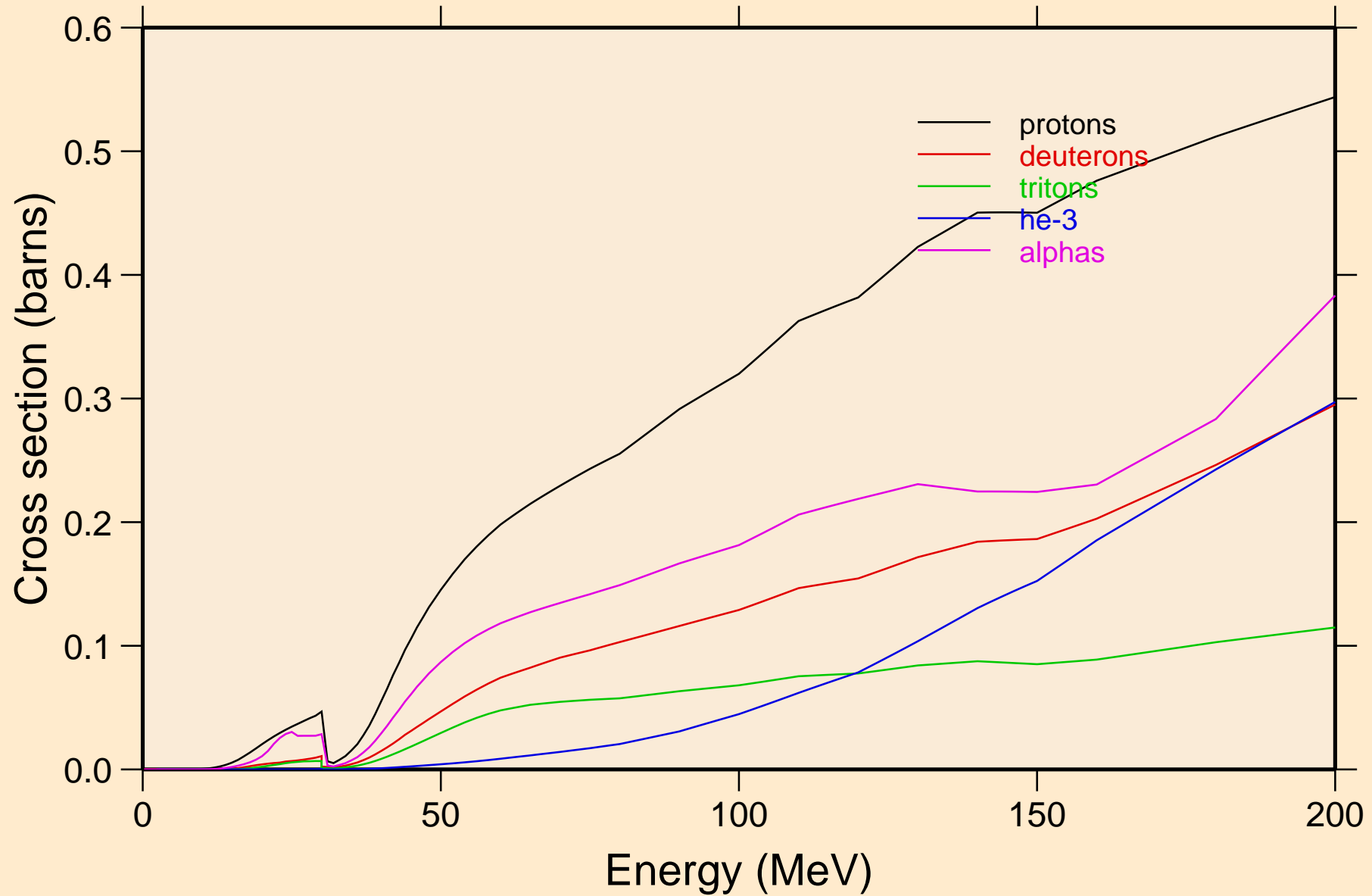
## Particle heating contributions



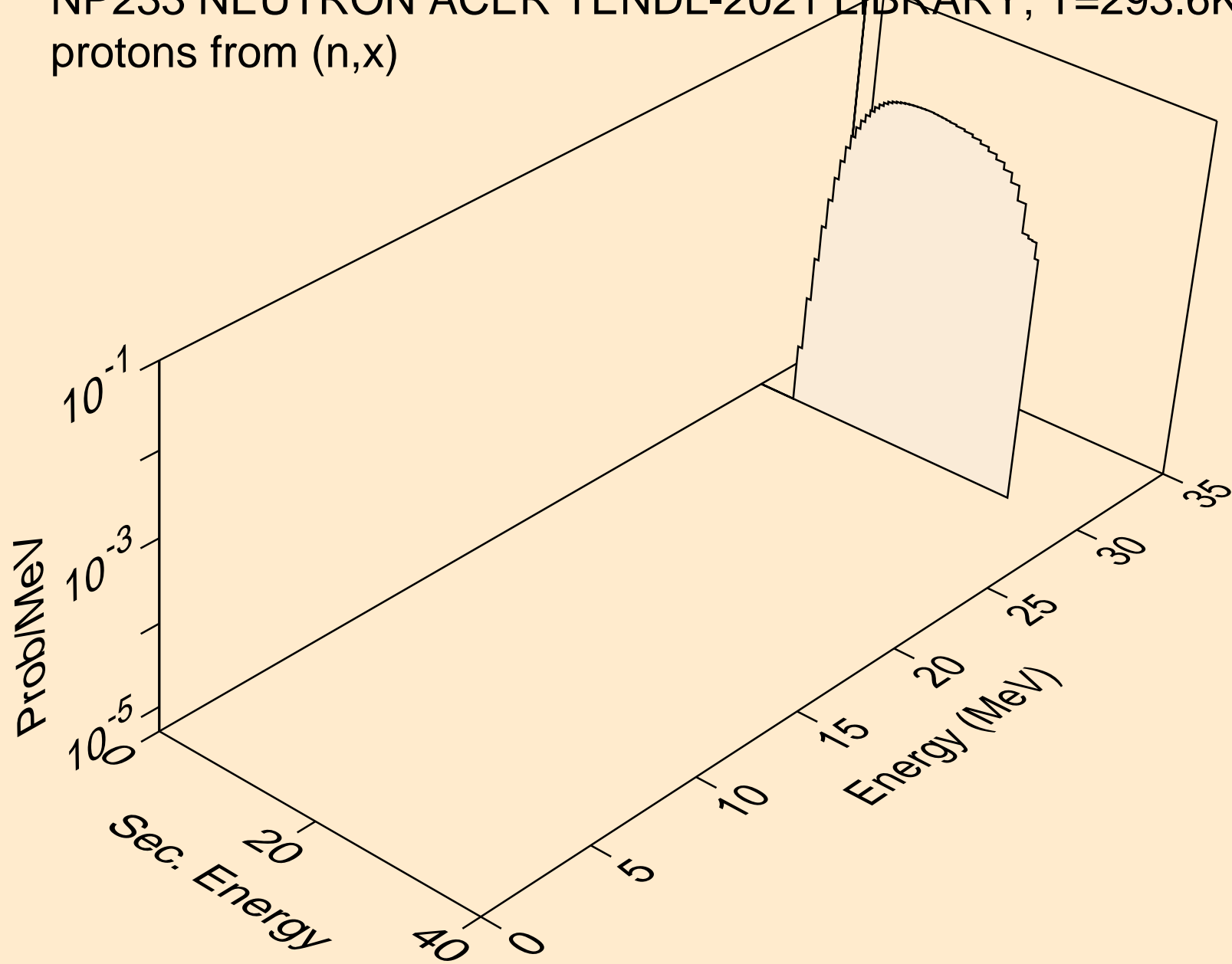
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



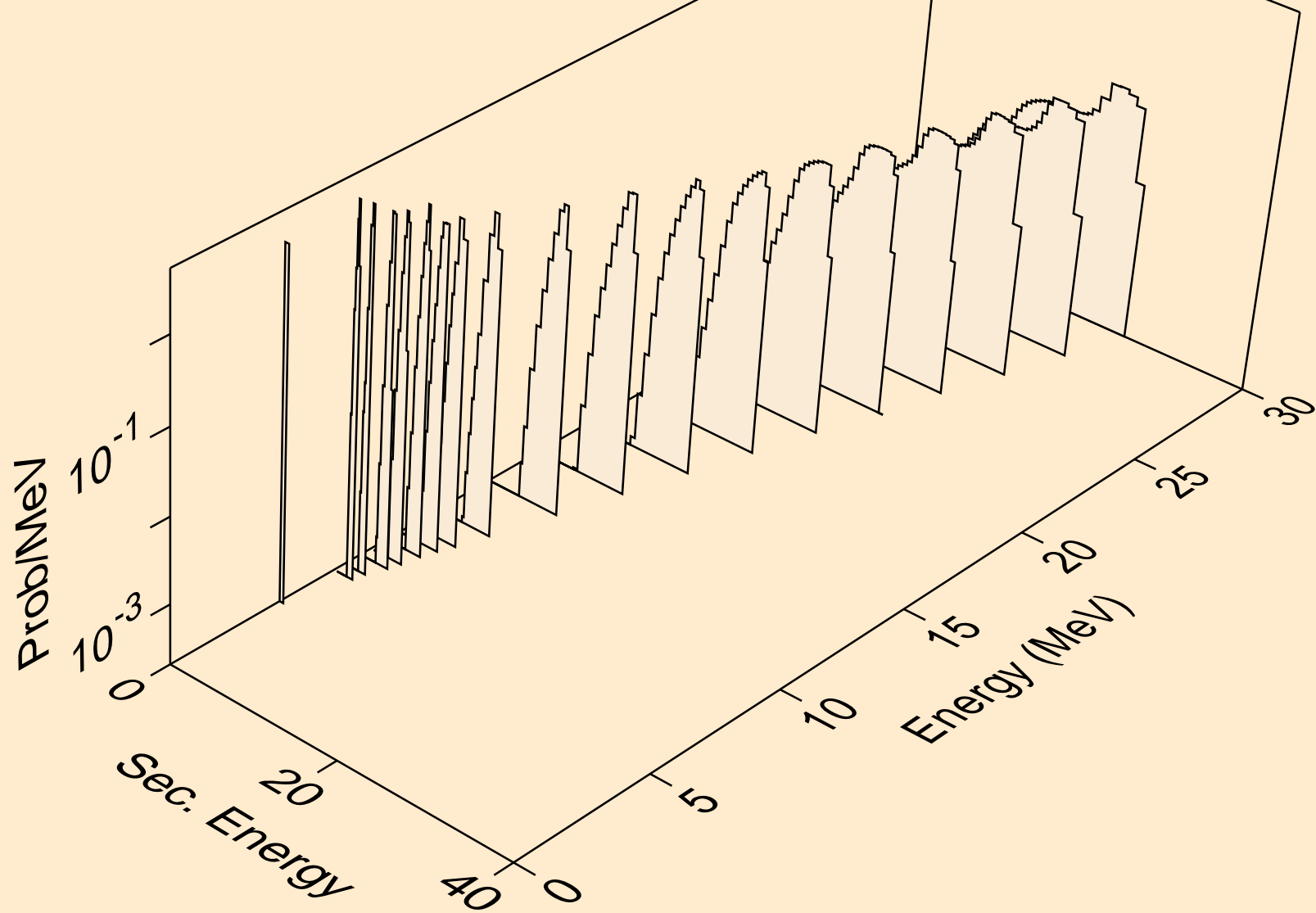
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

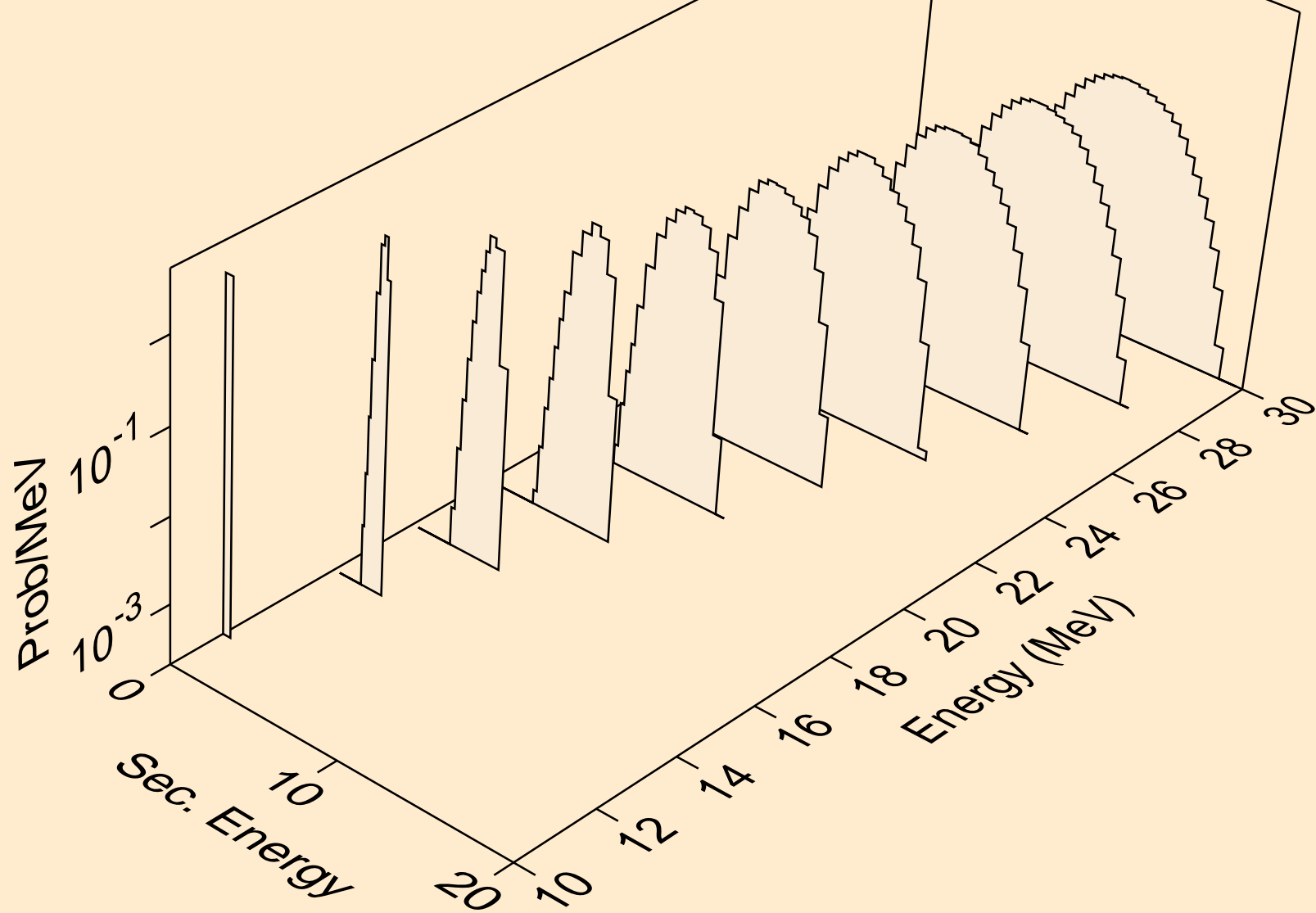


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

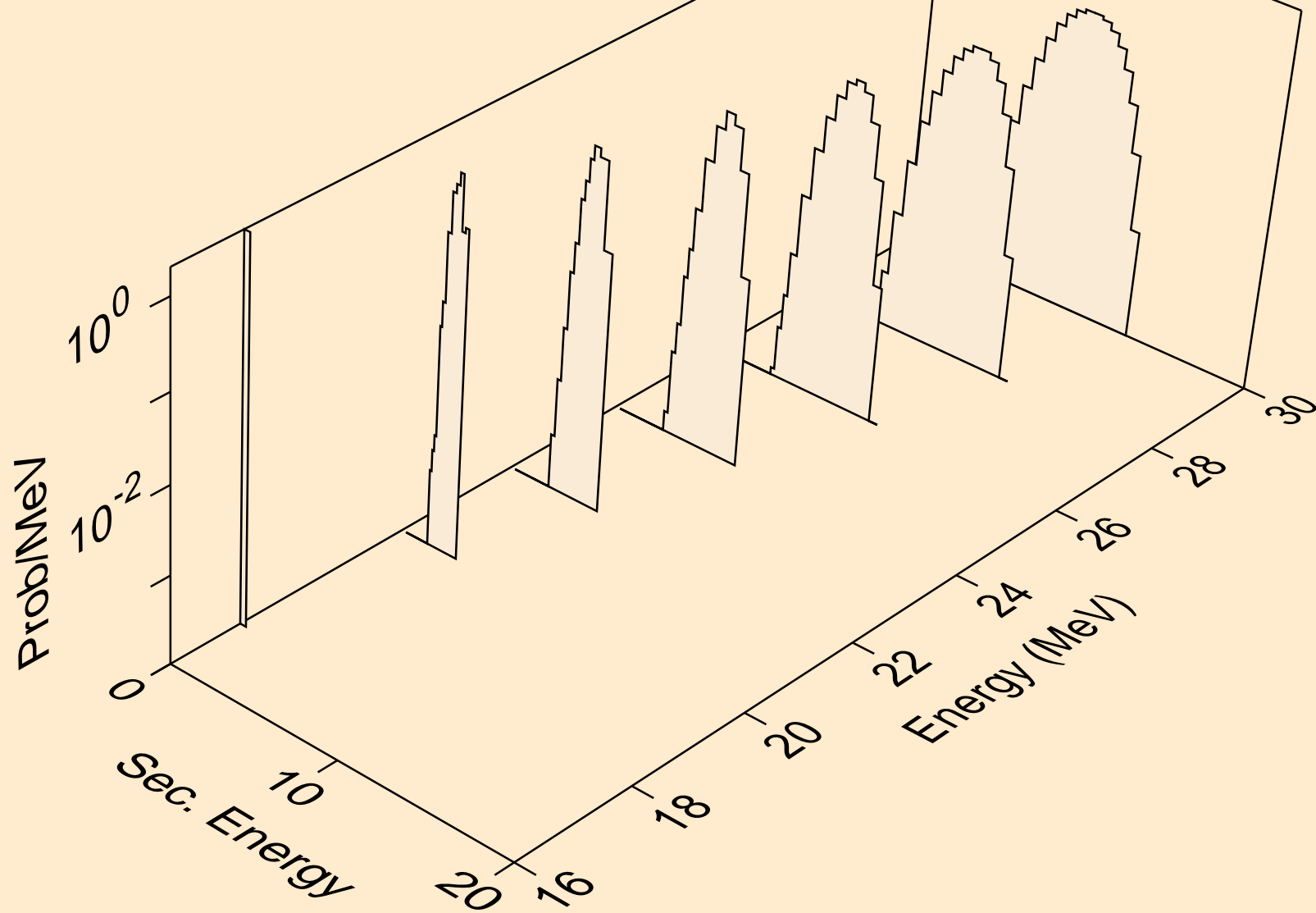




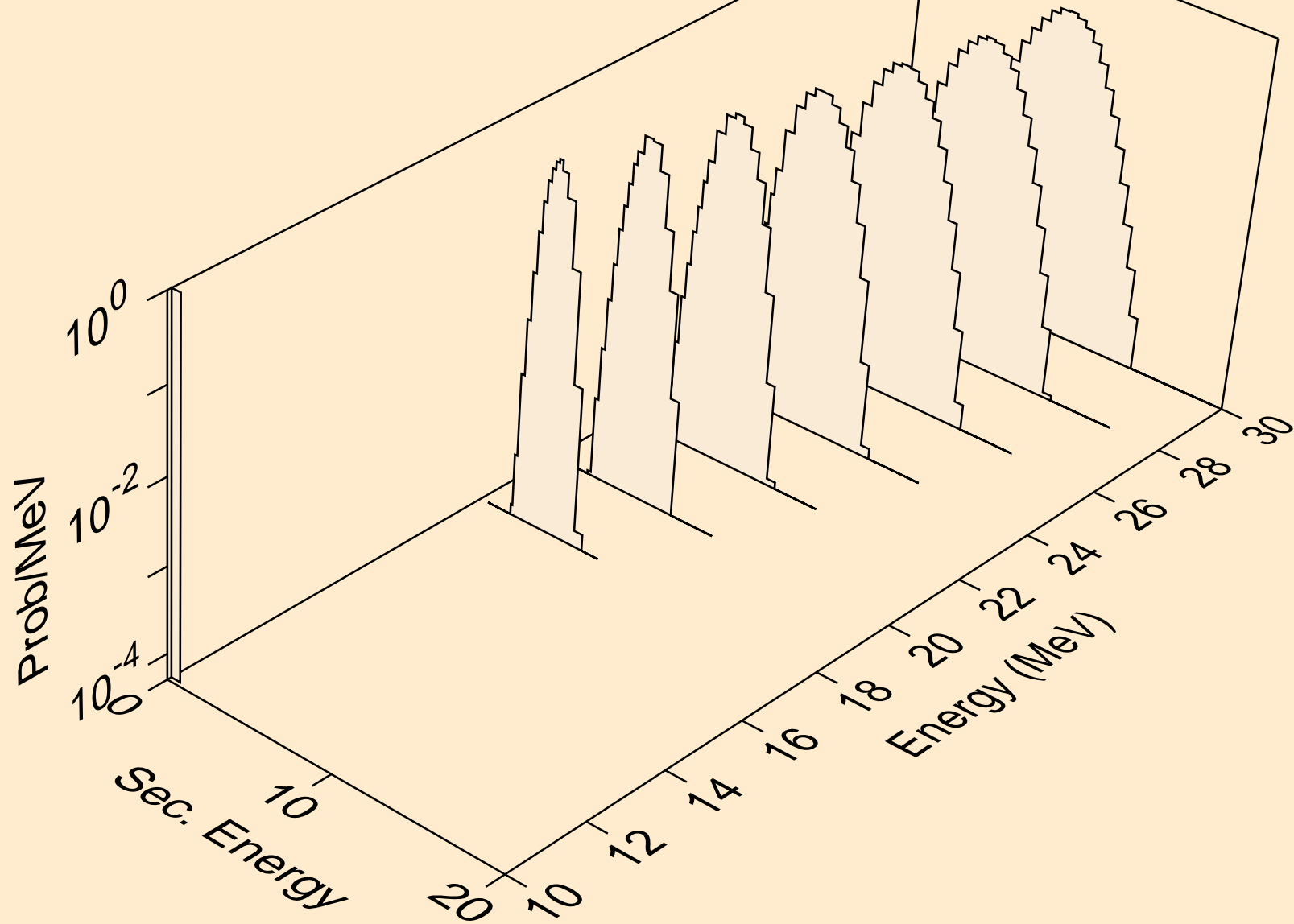
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



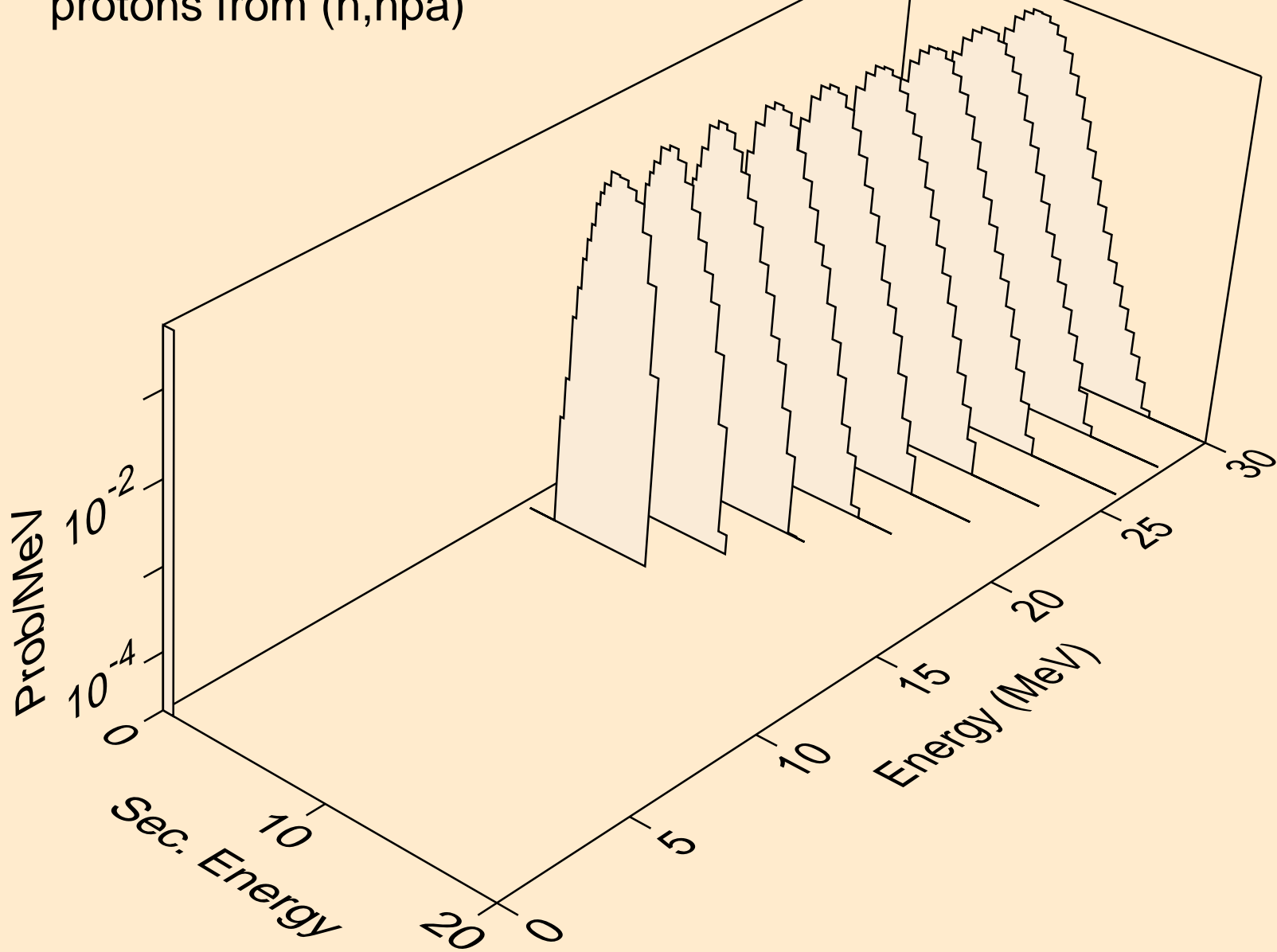
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



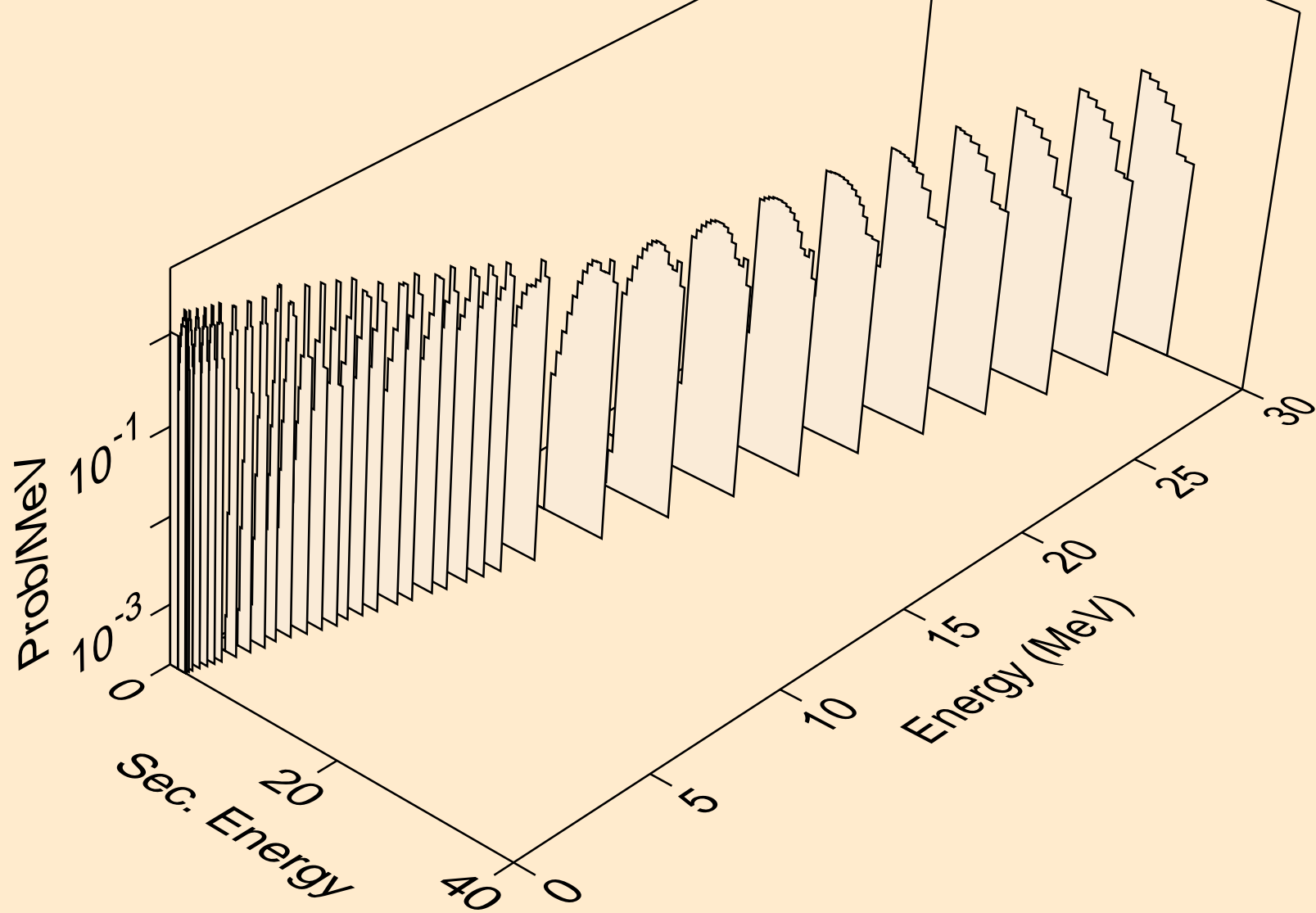
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



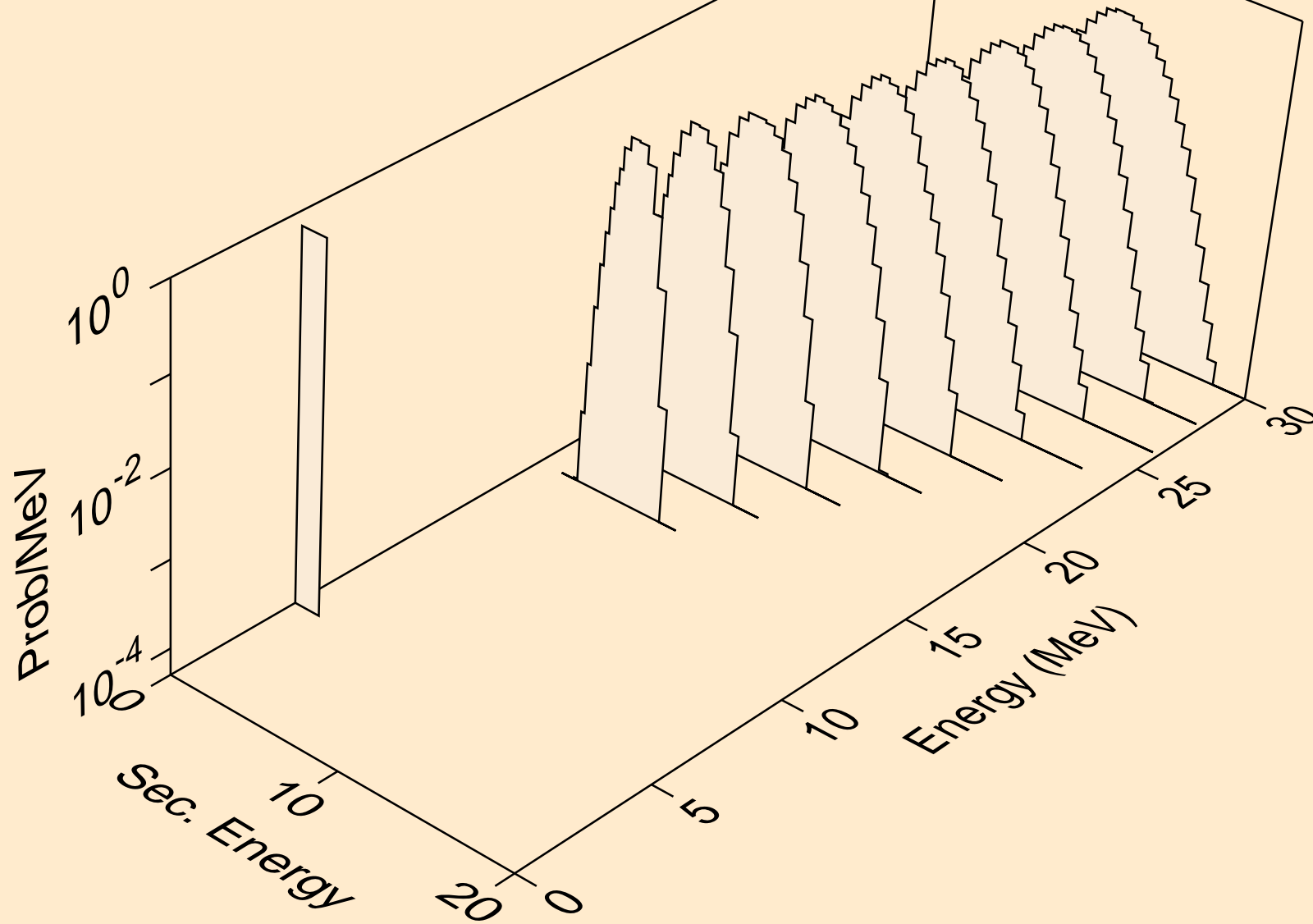
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



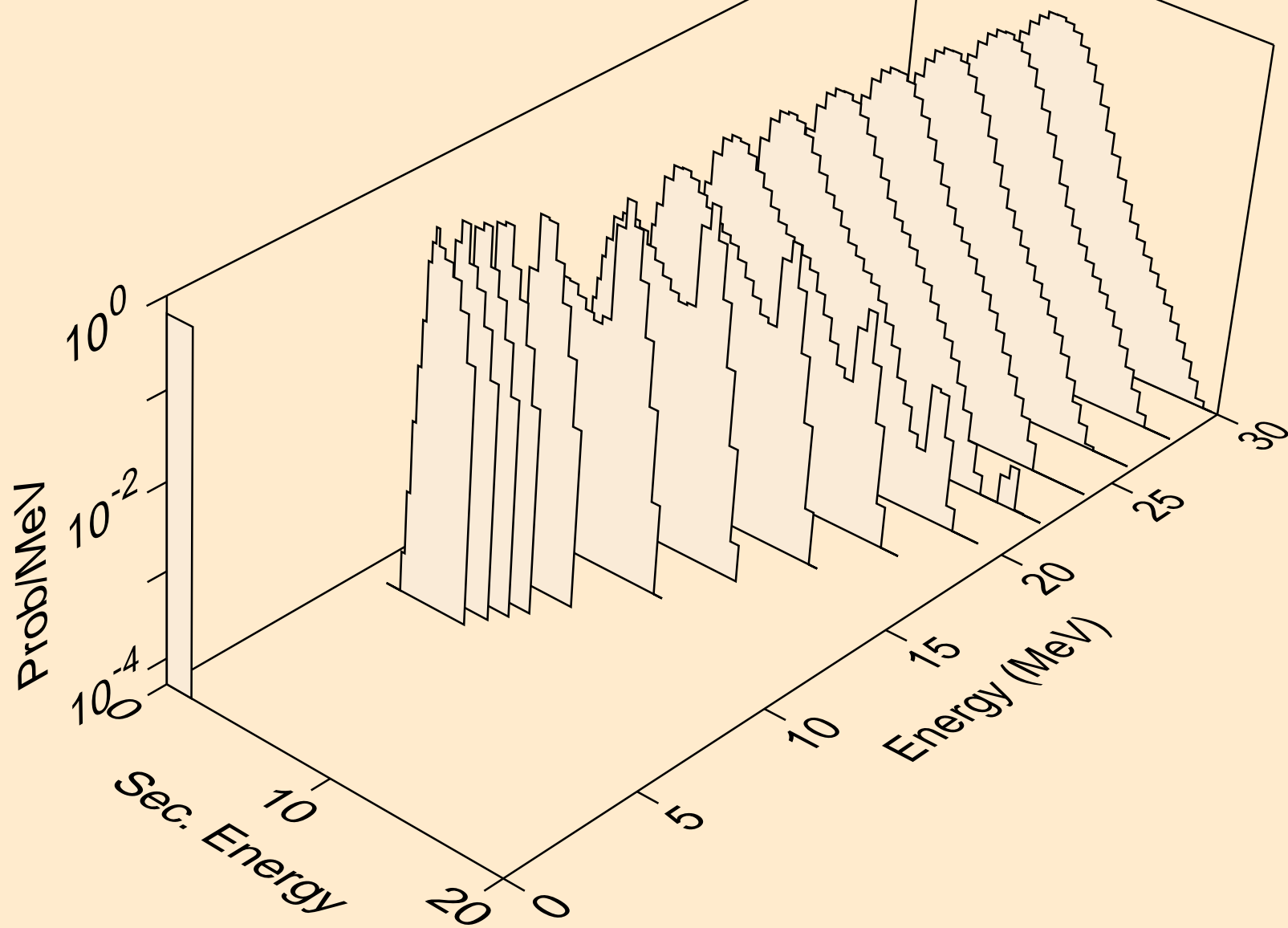
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



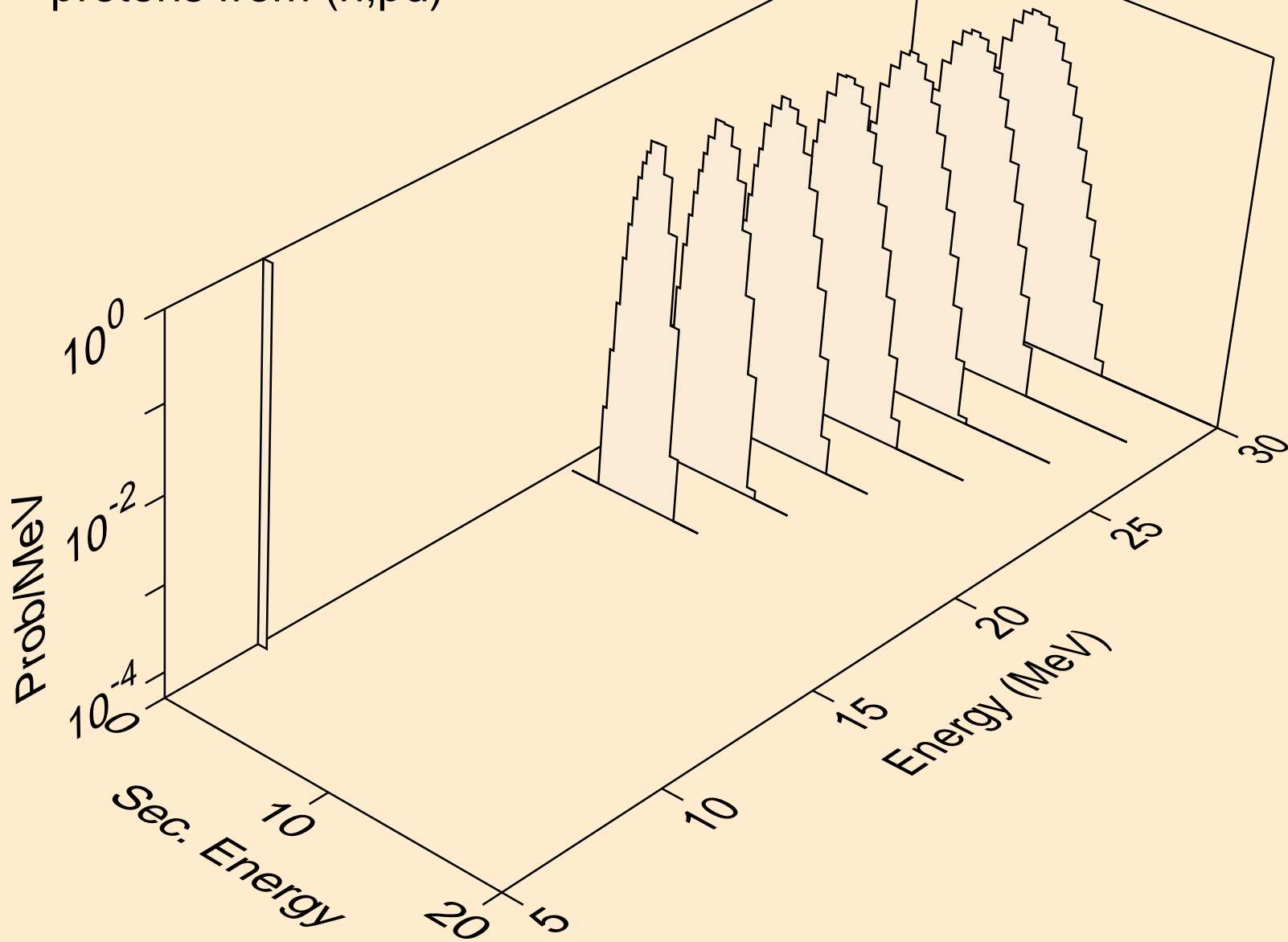
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

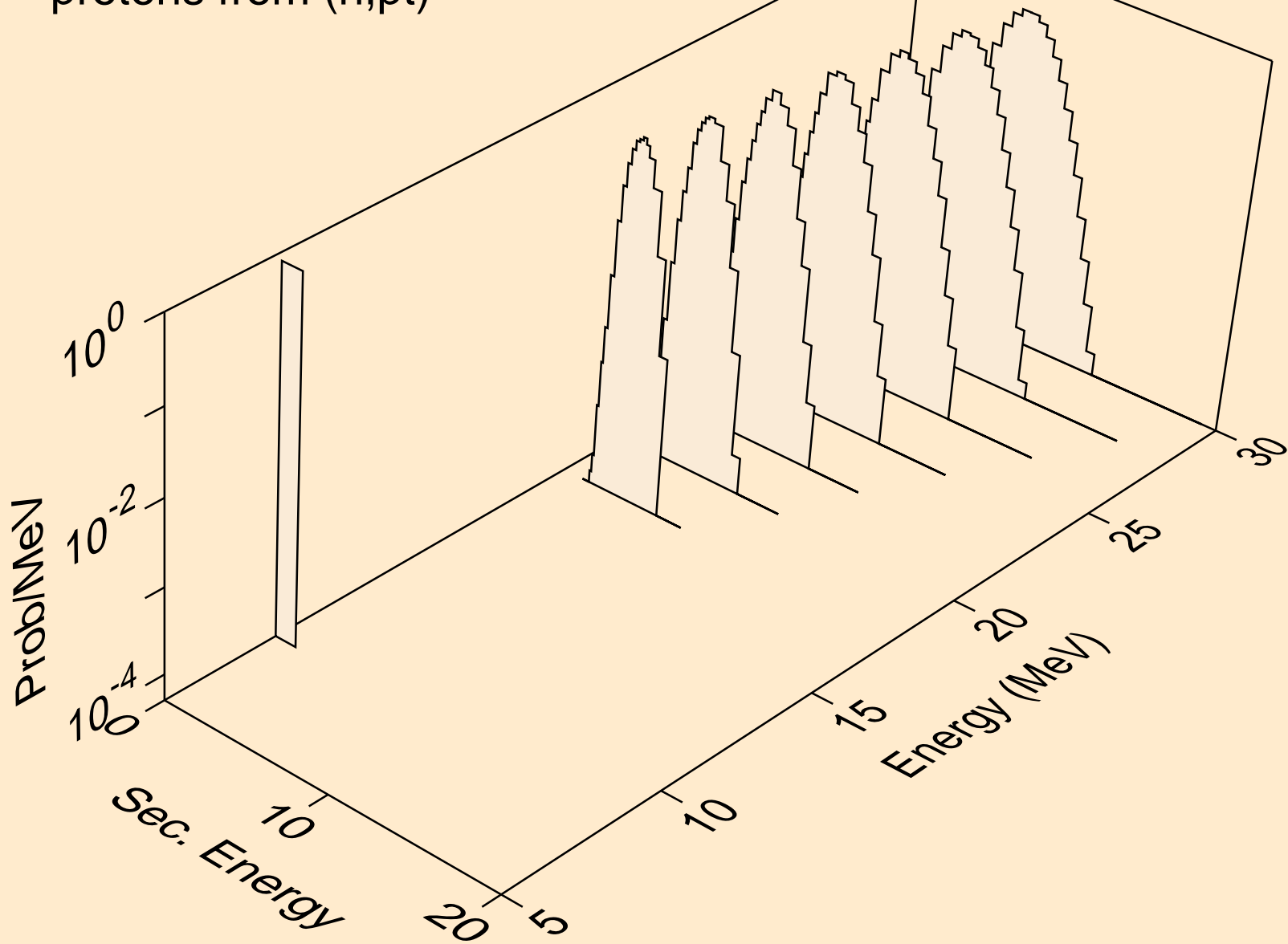


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)

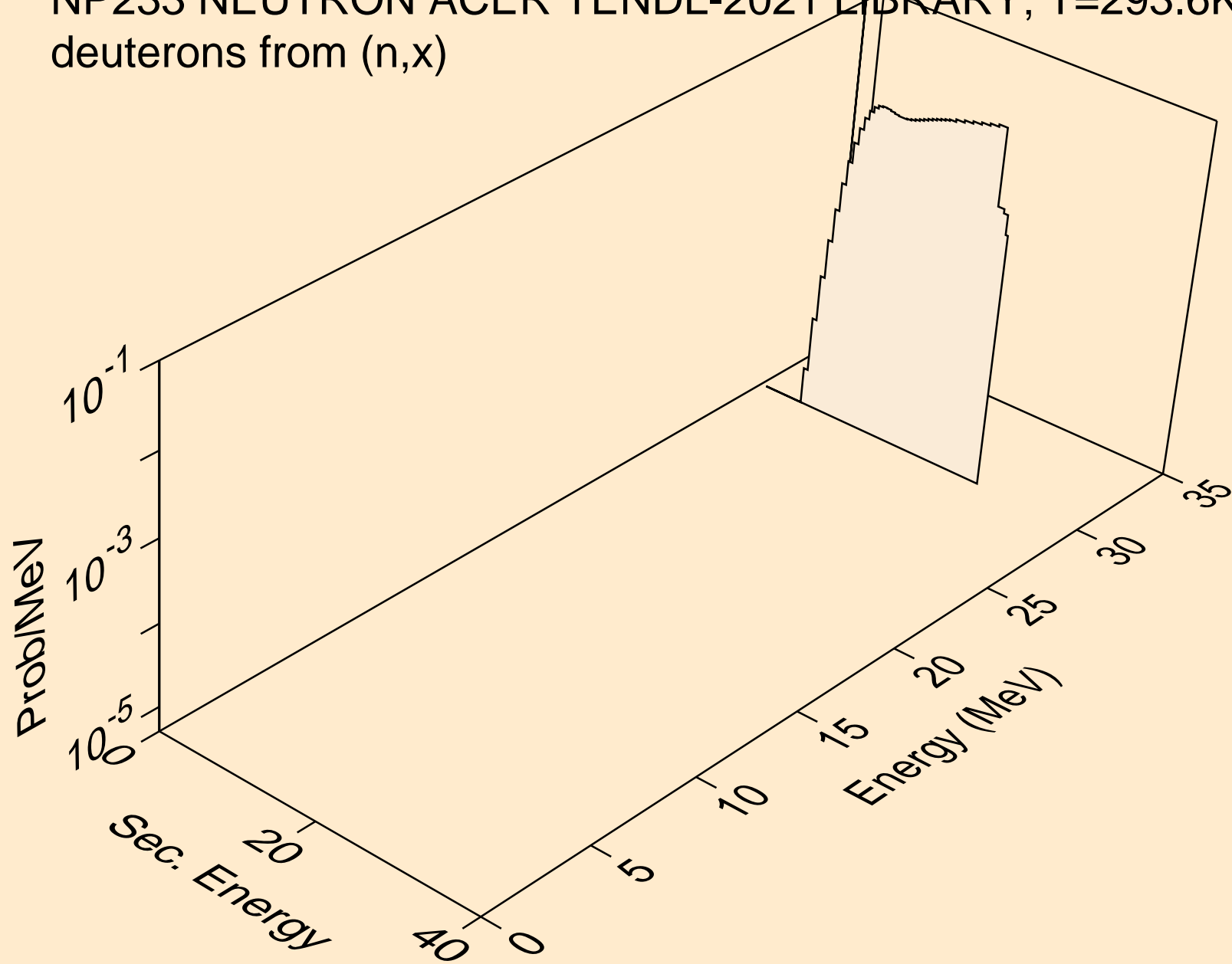




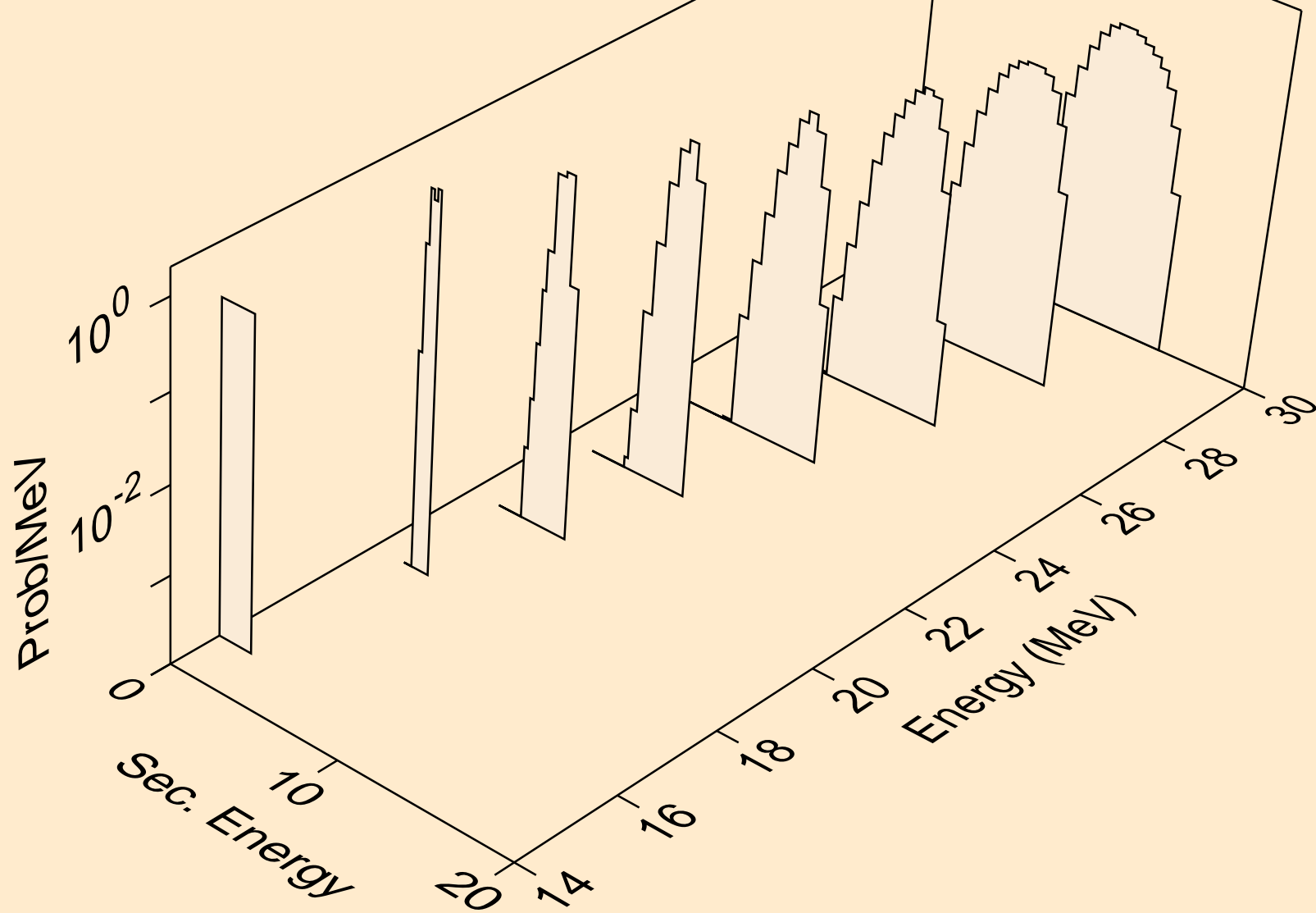
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



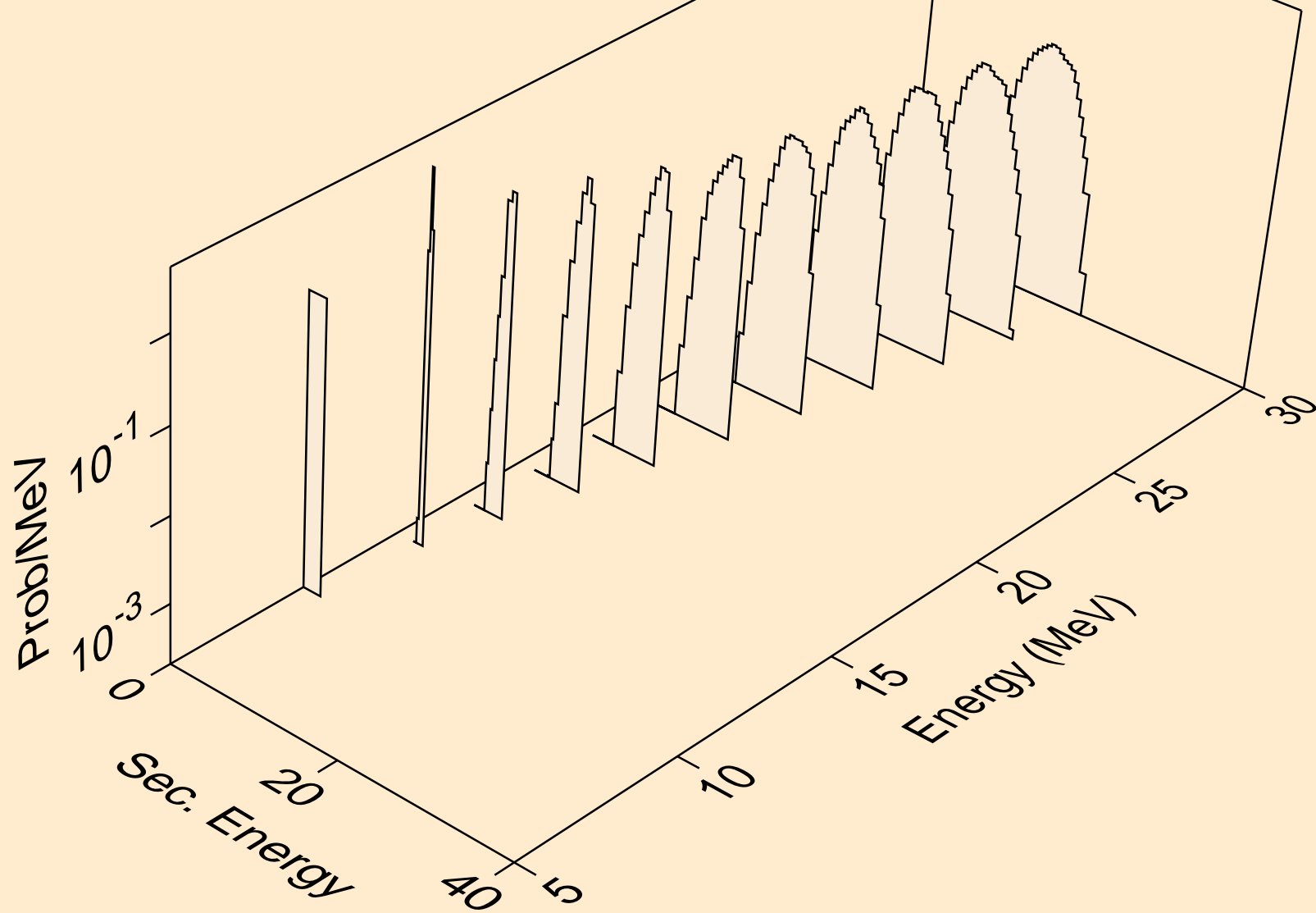
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



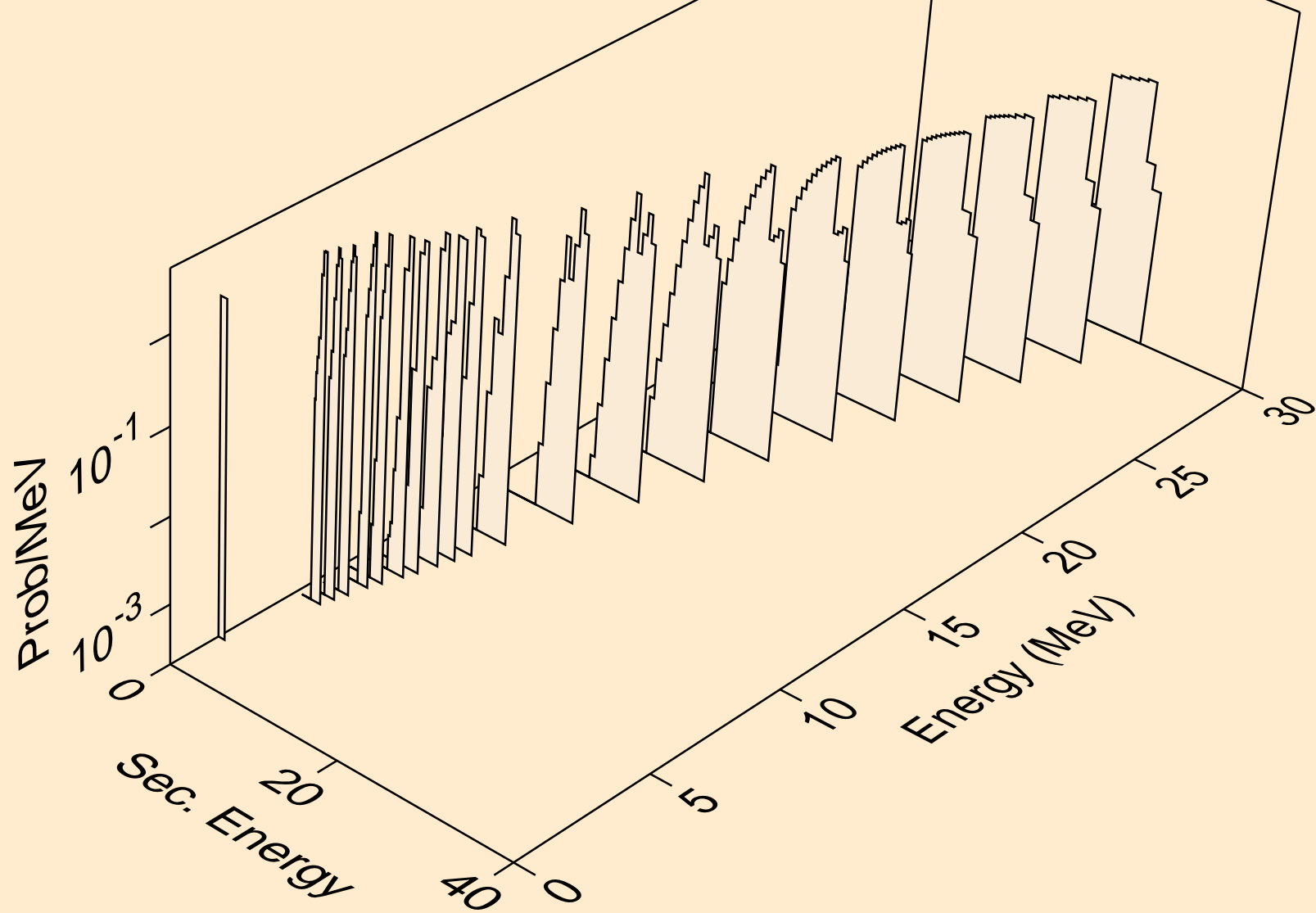
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



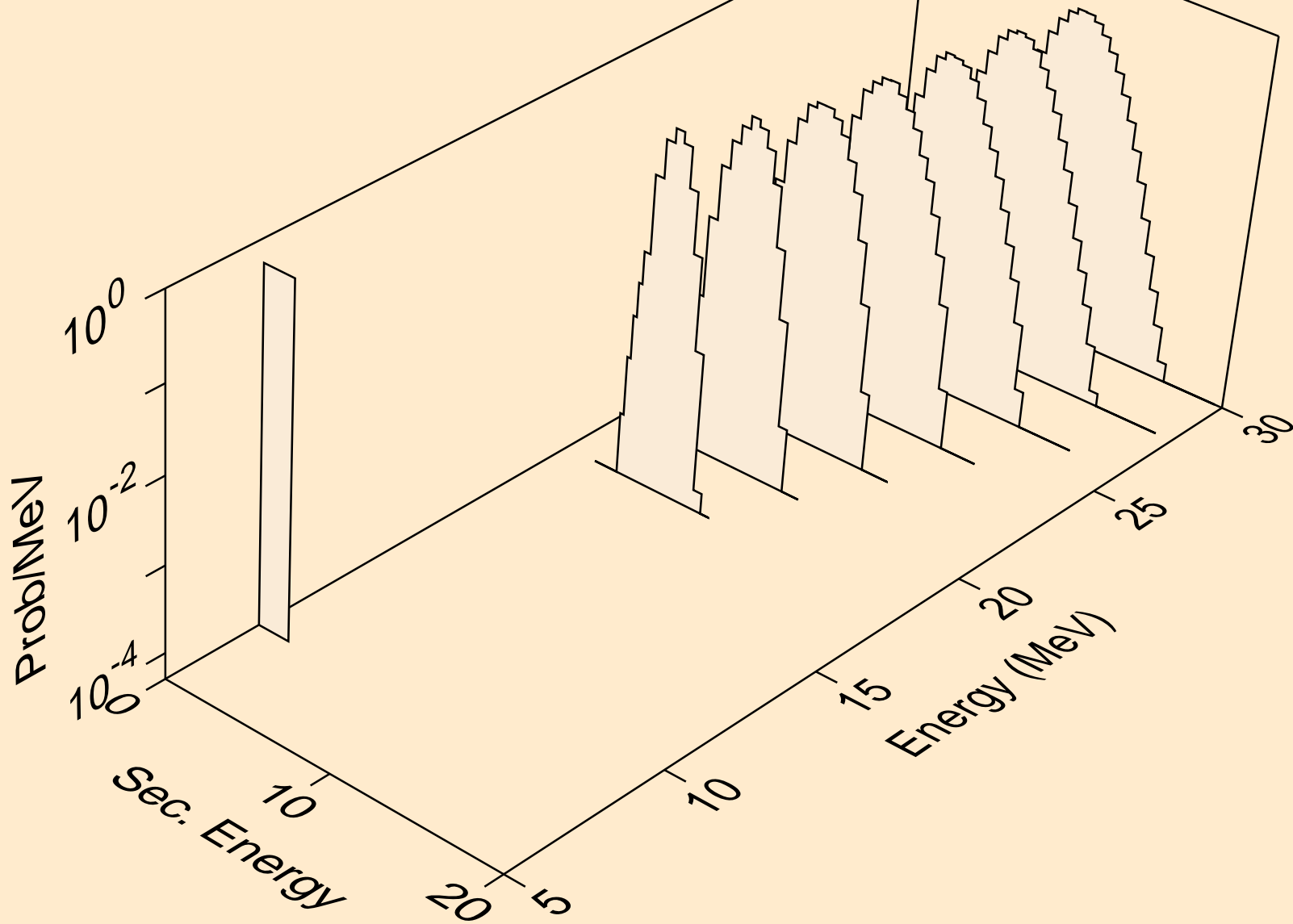
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



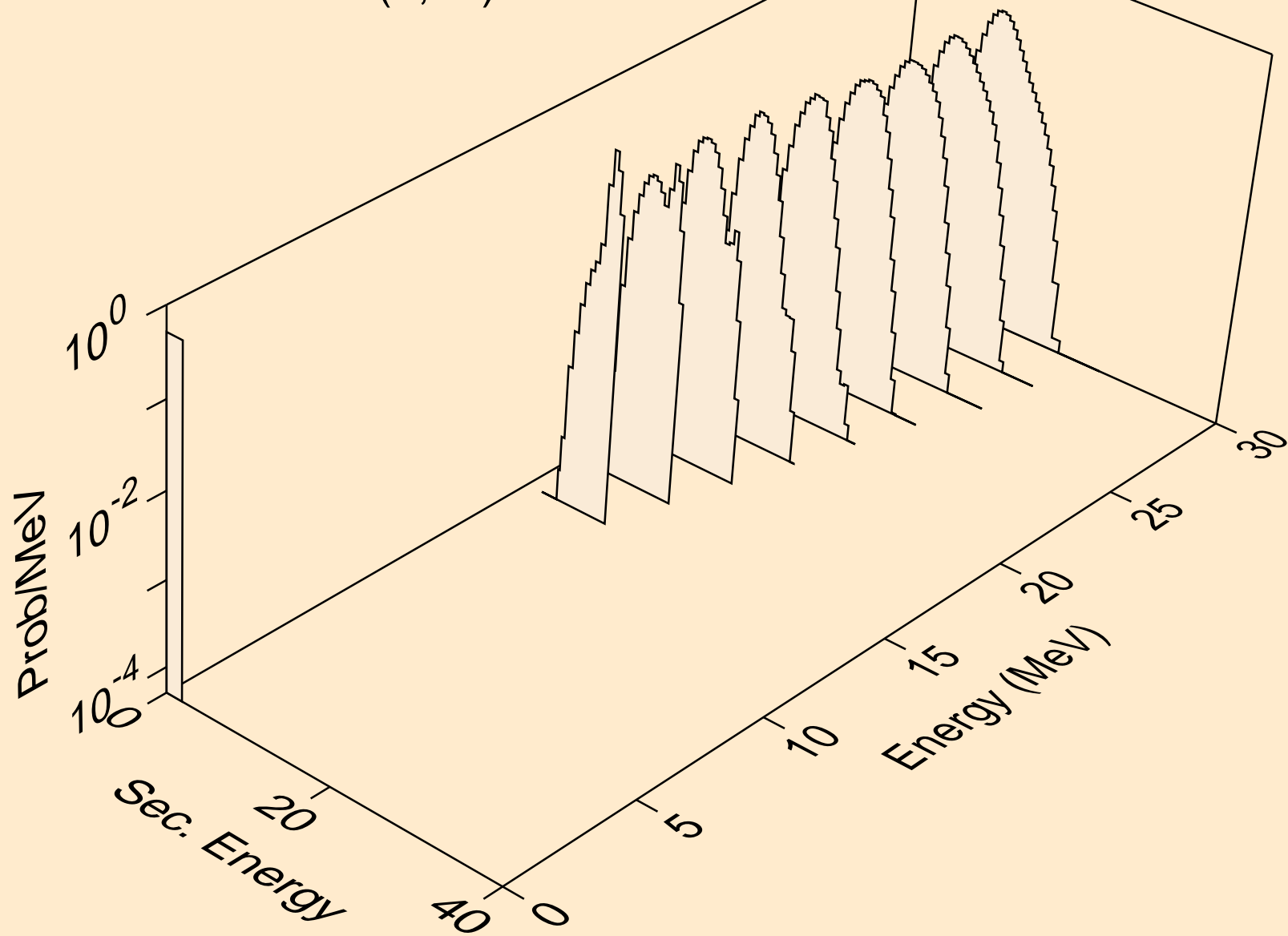
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



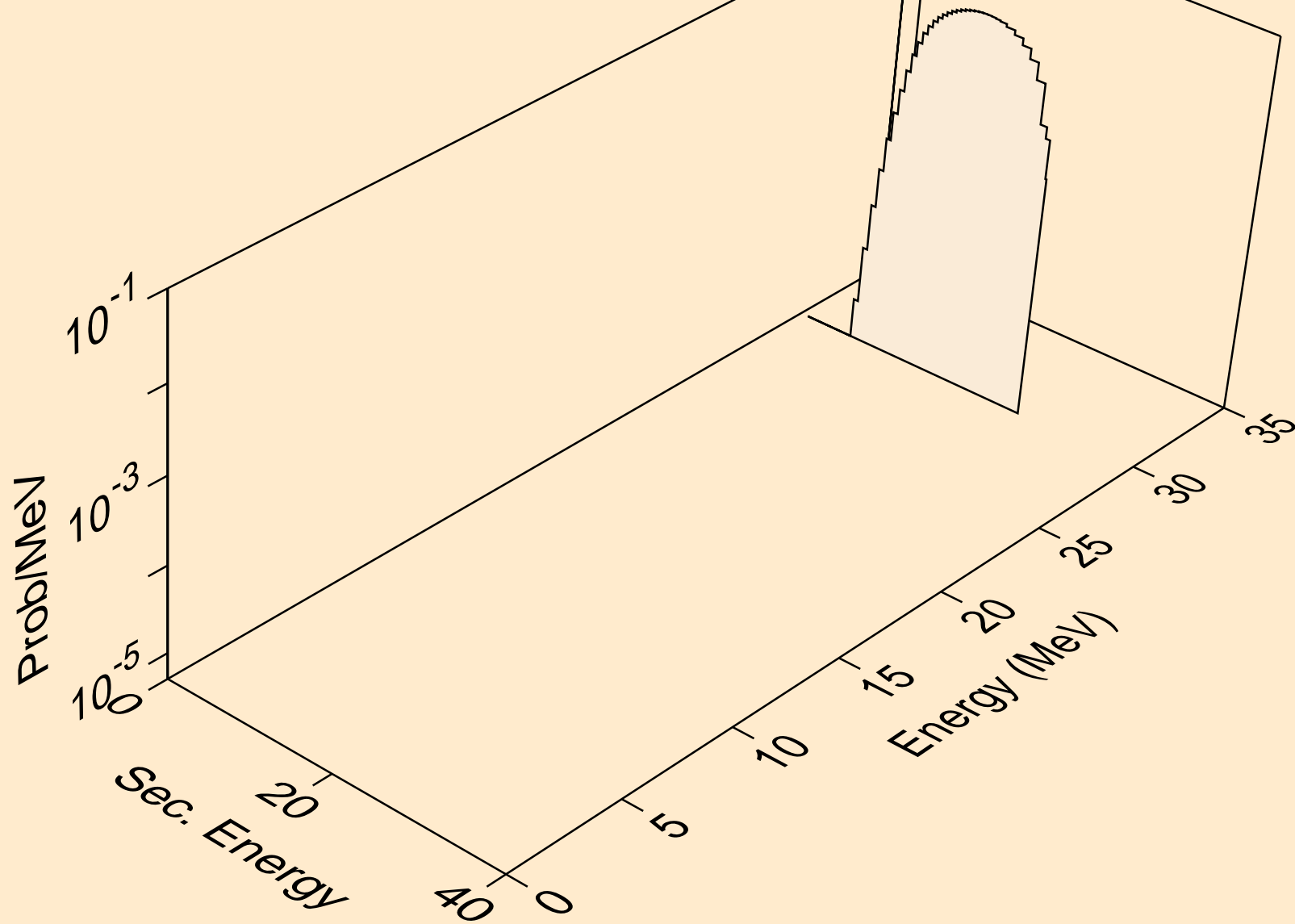
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)

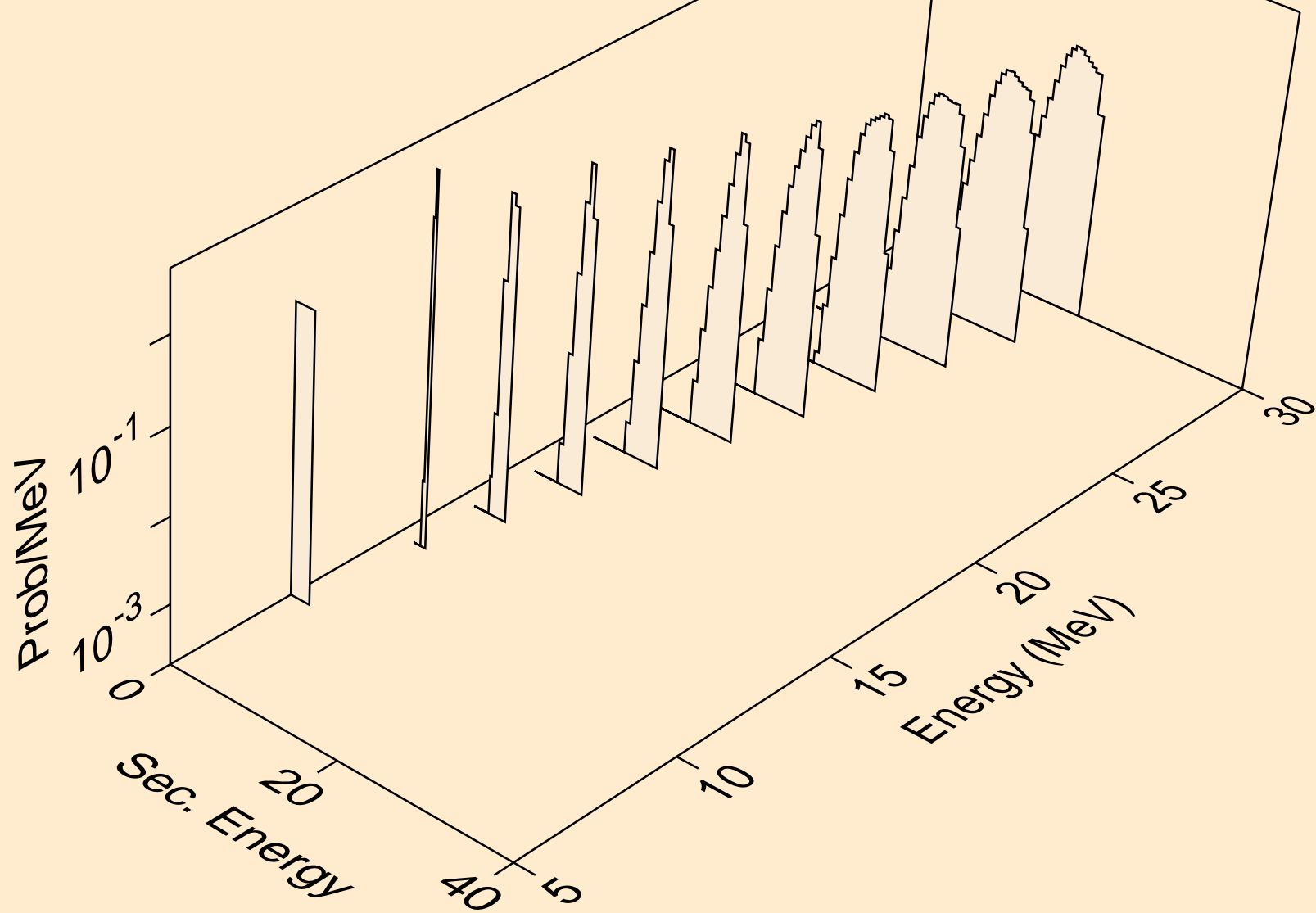


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

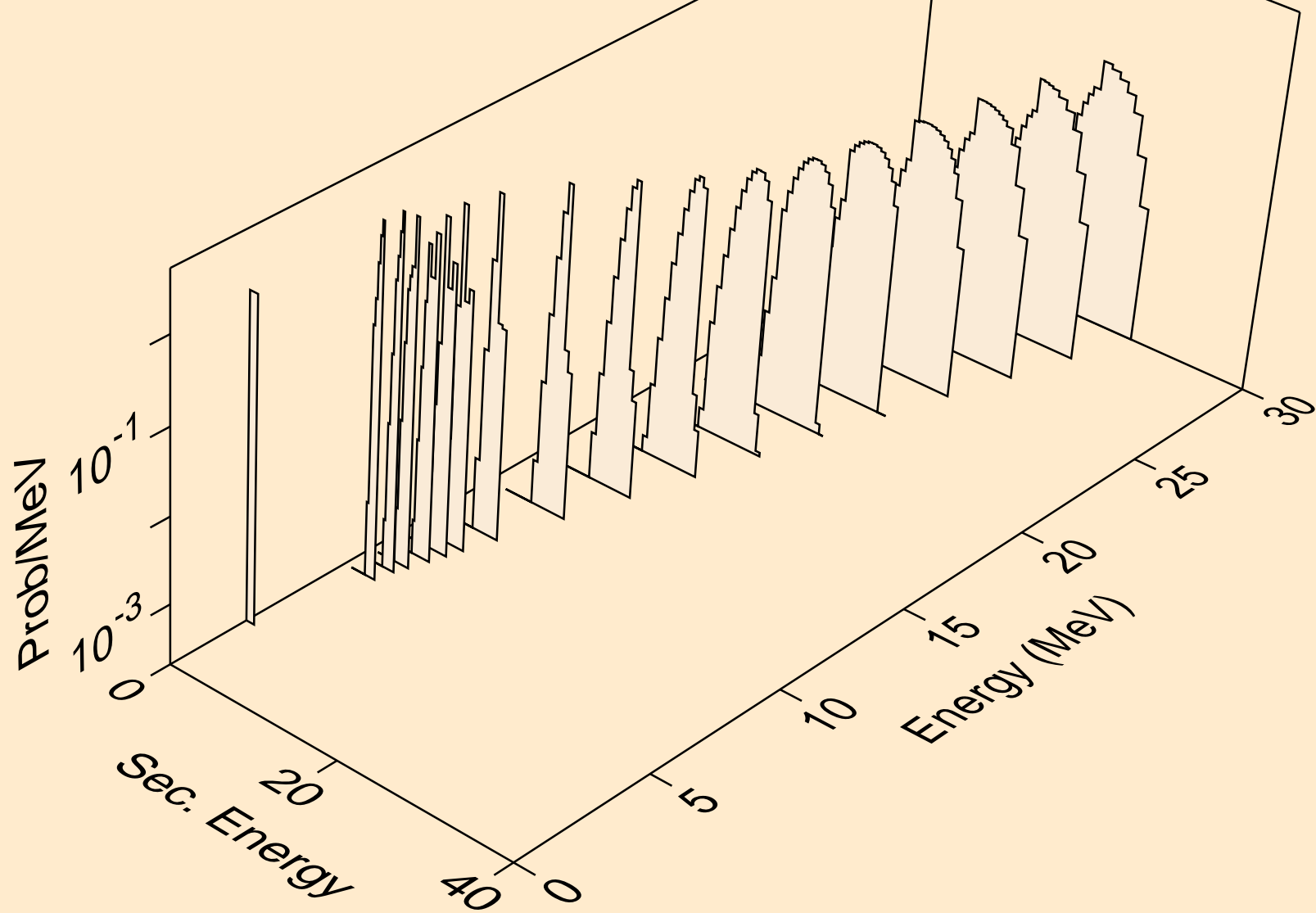




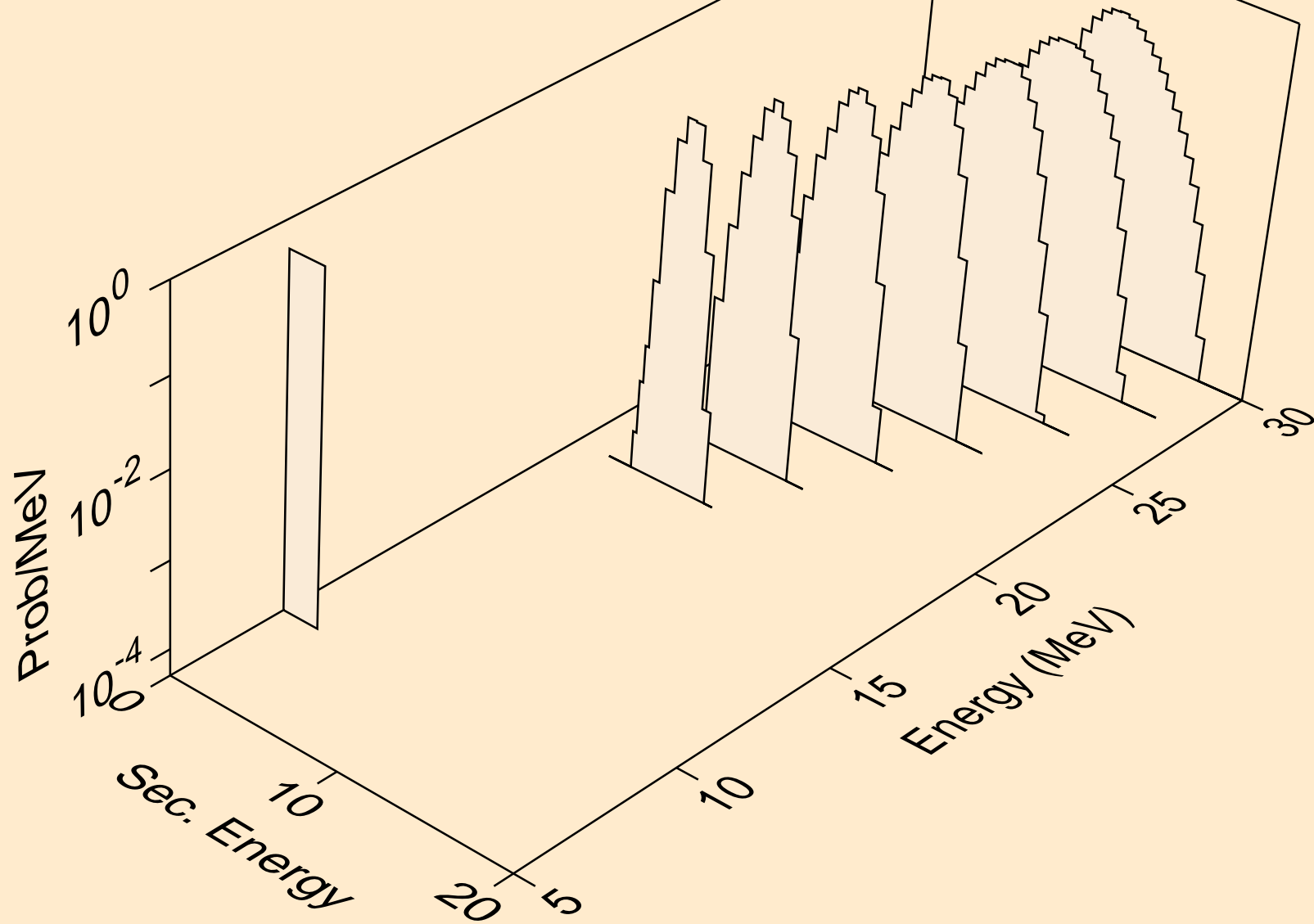
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



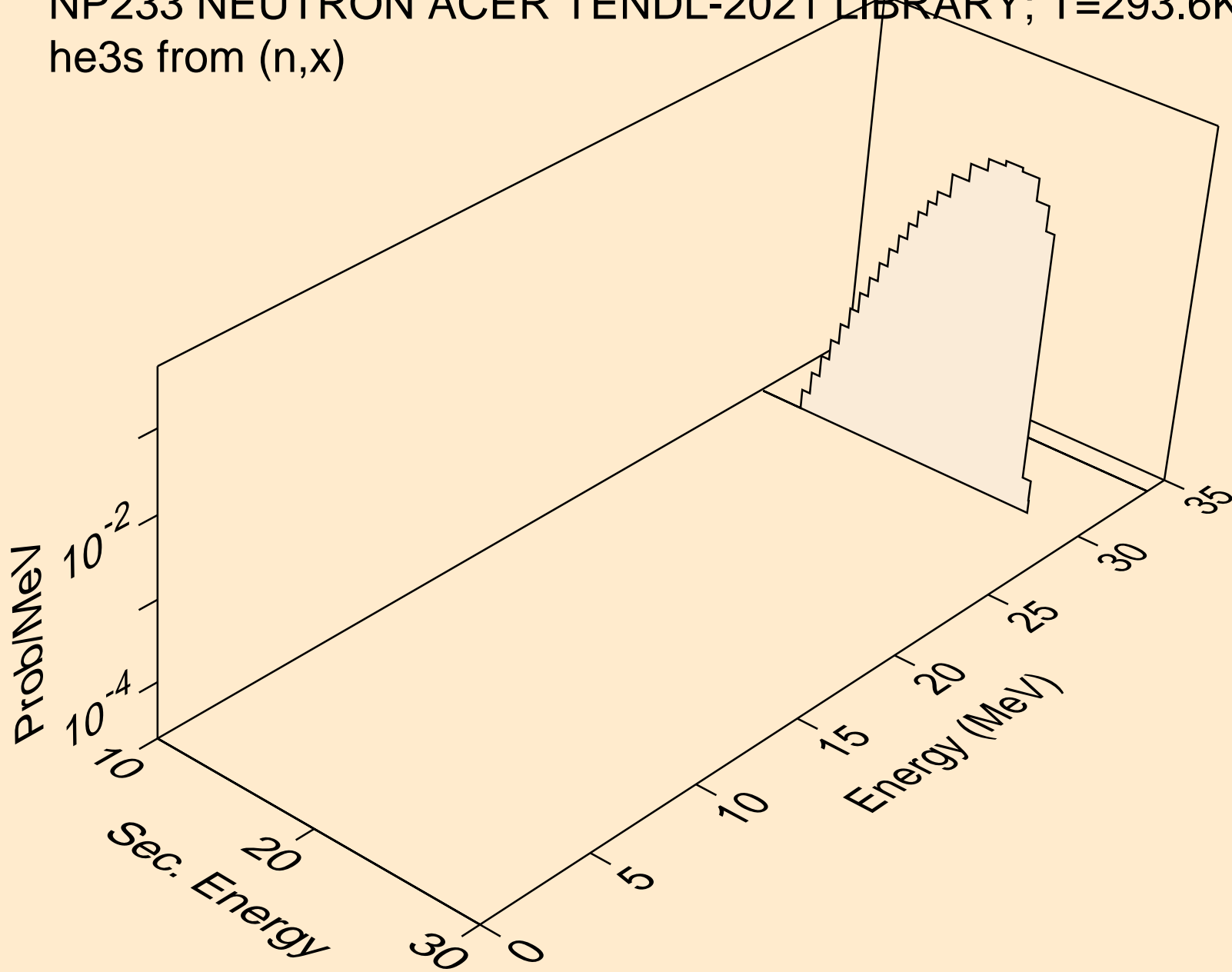
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



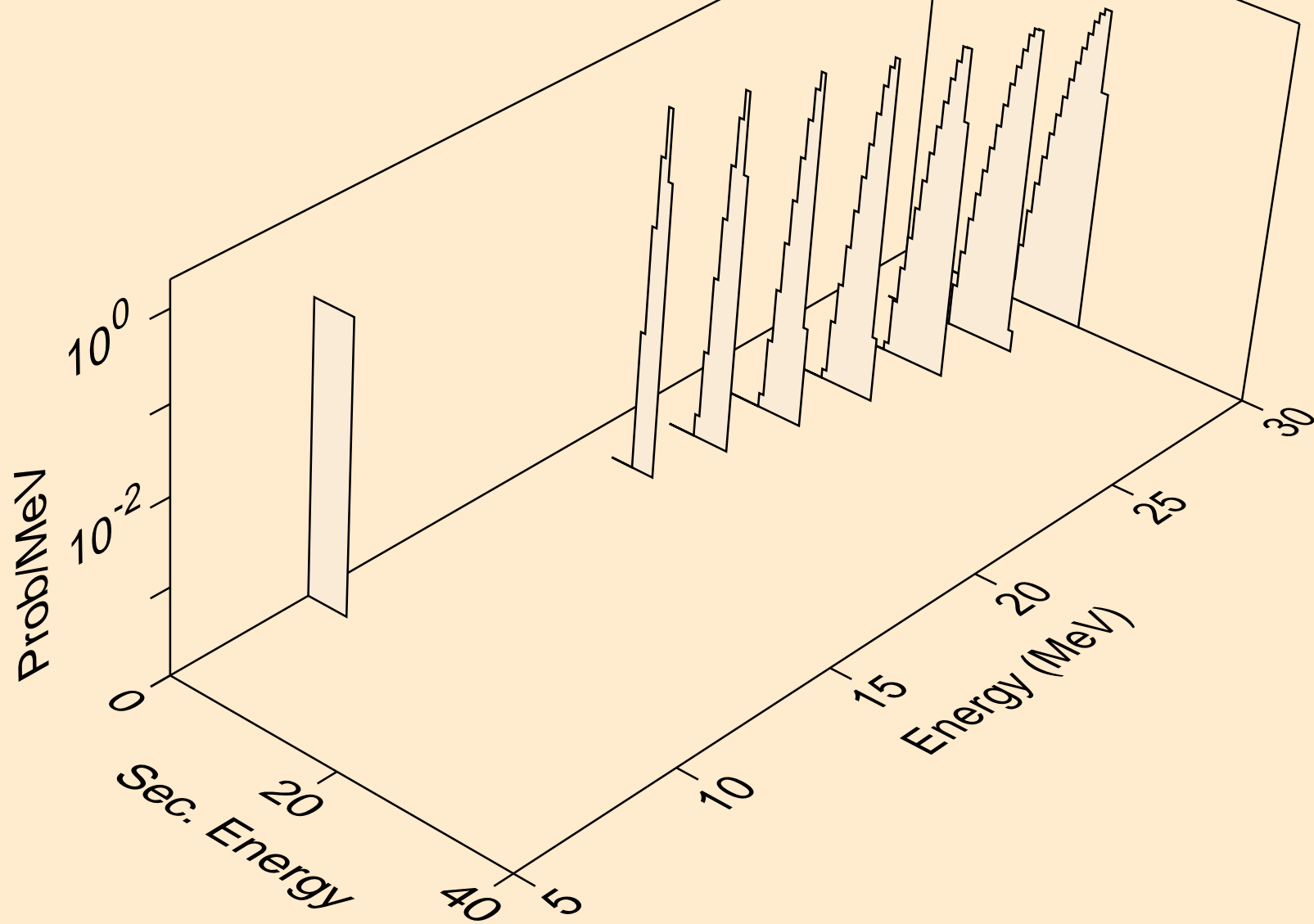
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



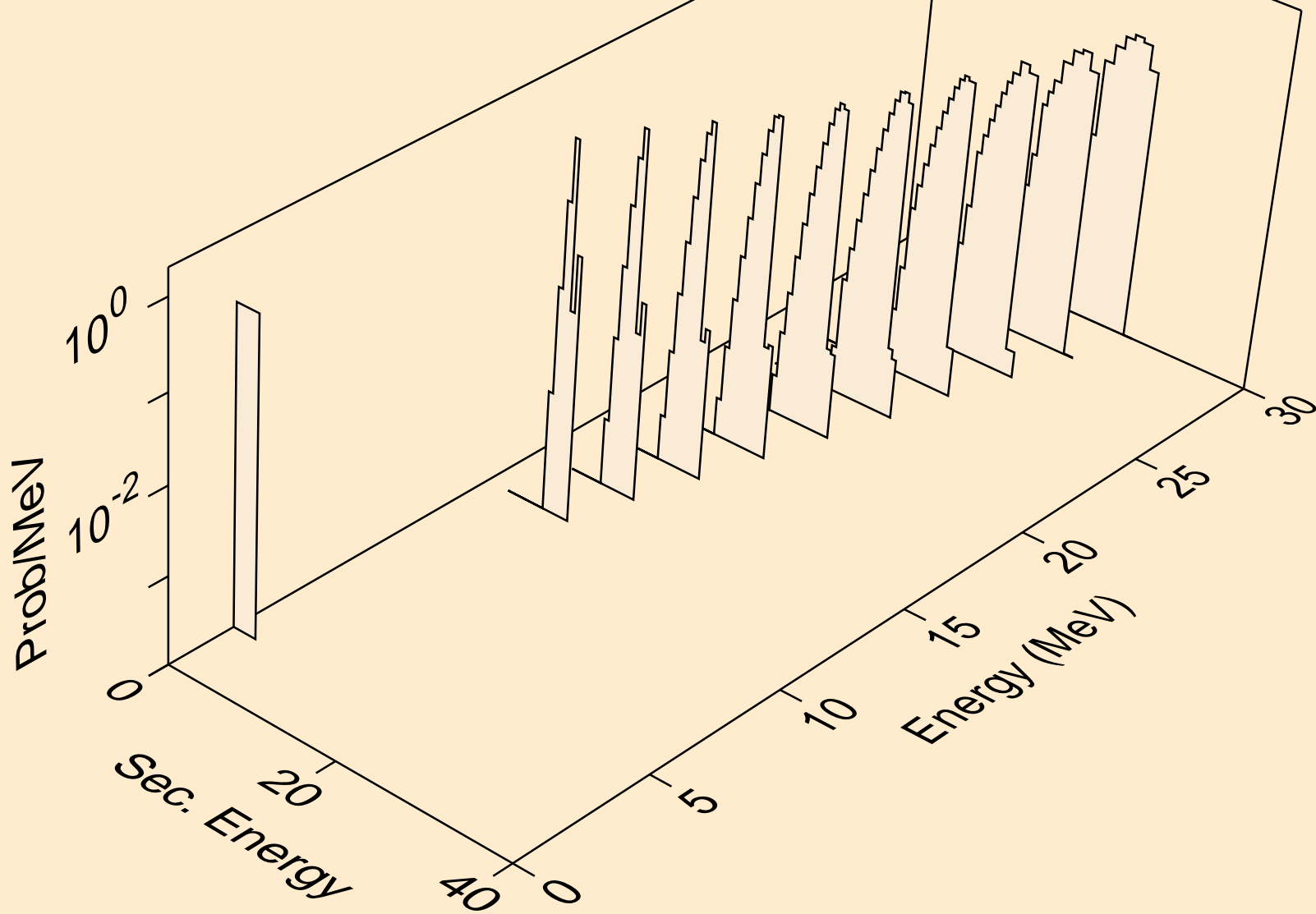
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



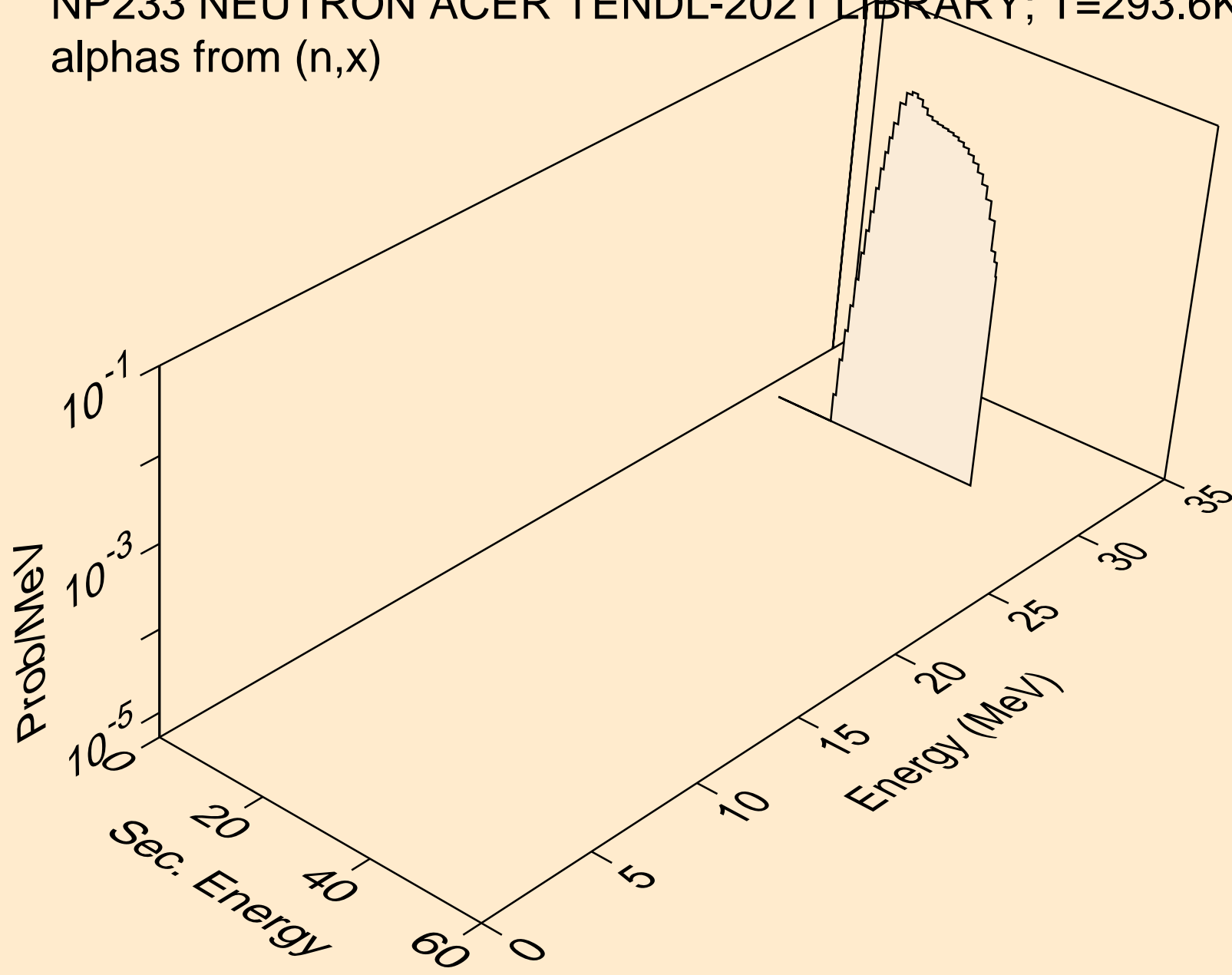
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



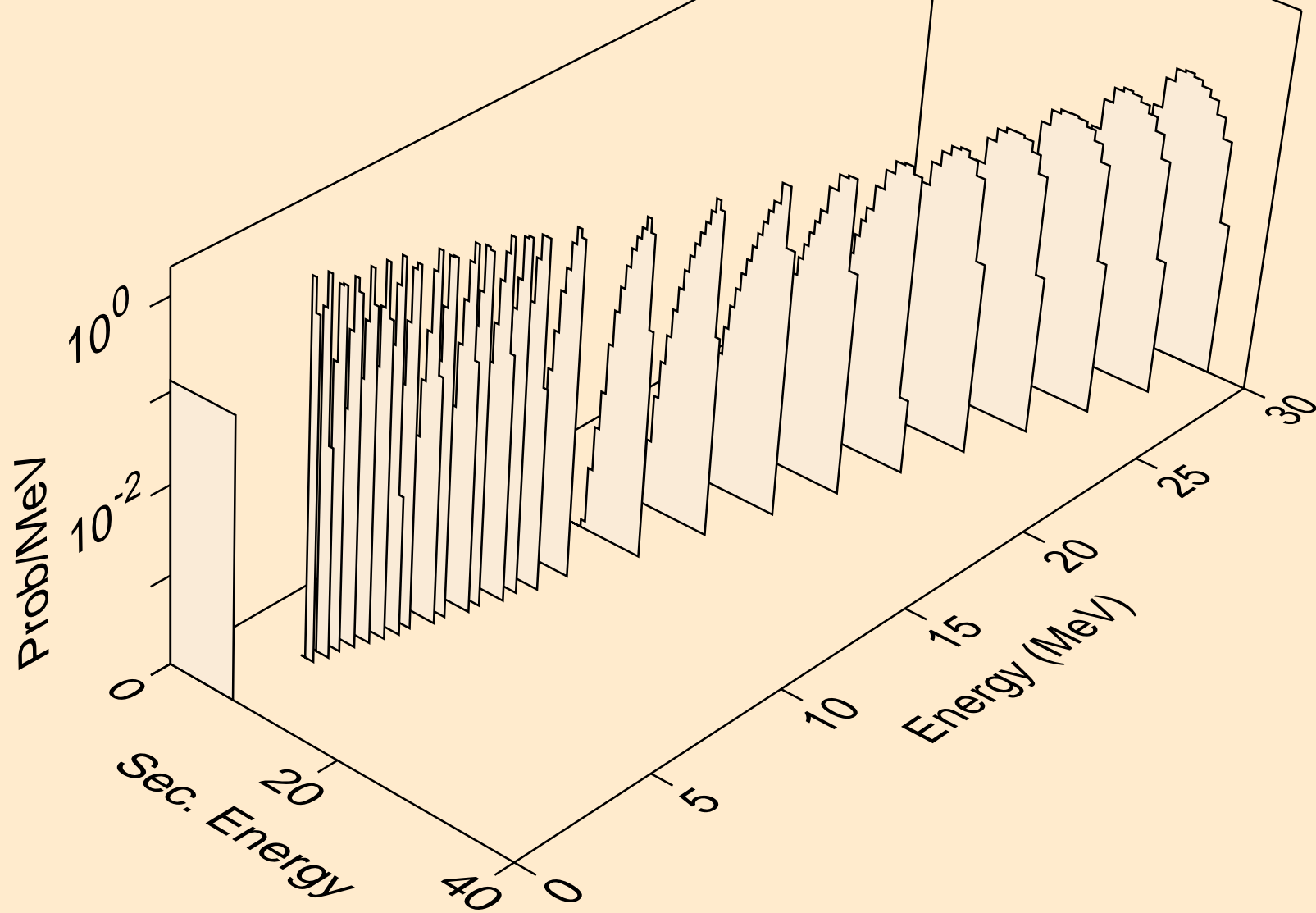
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

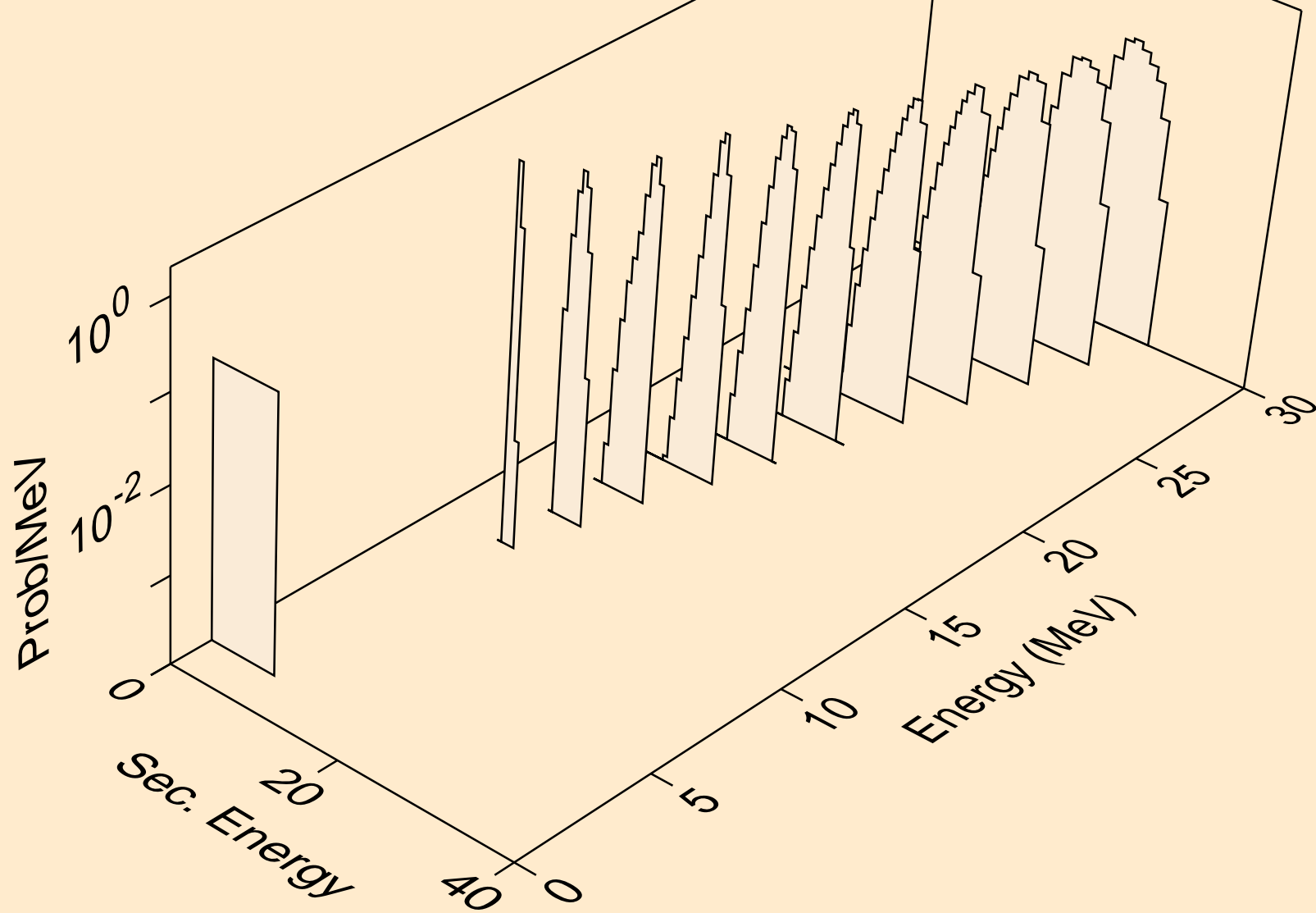


NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

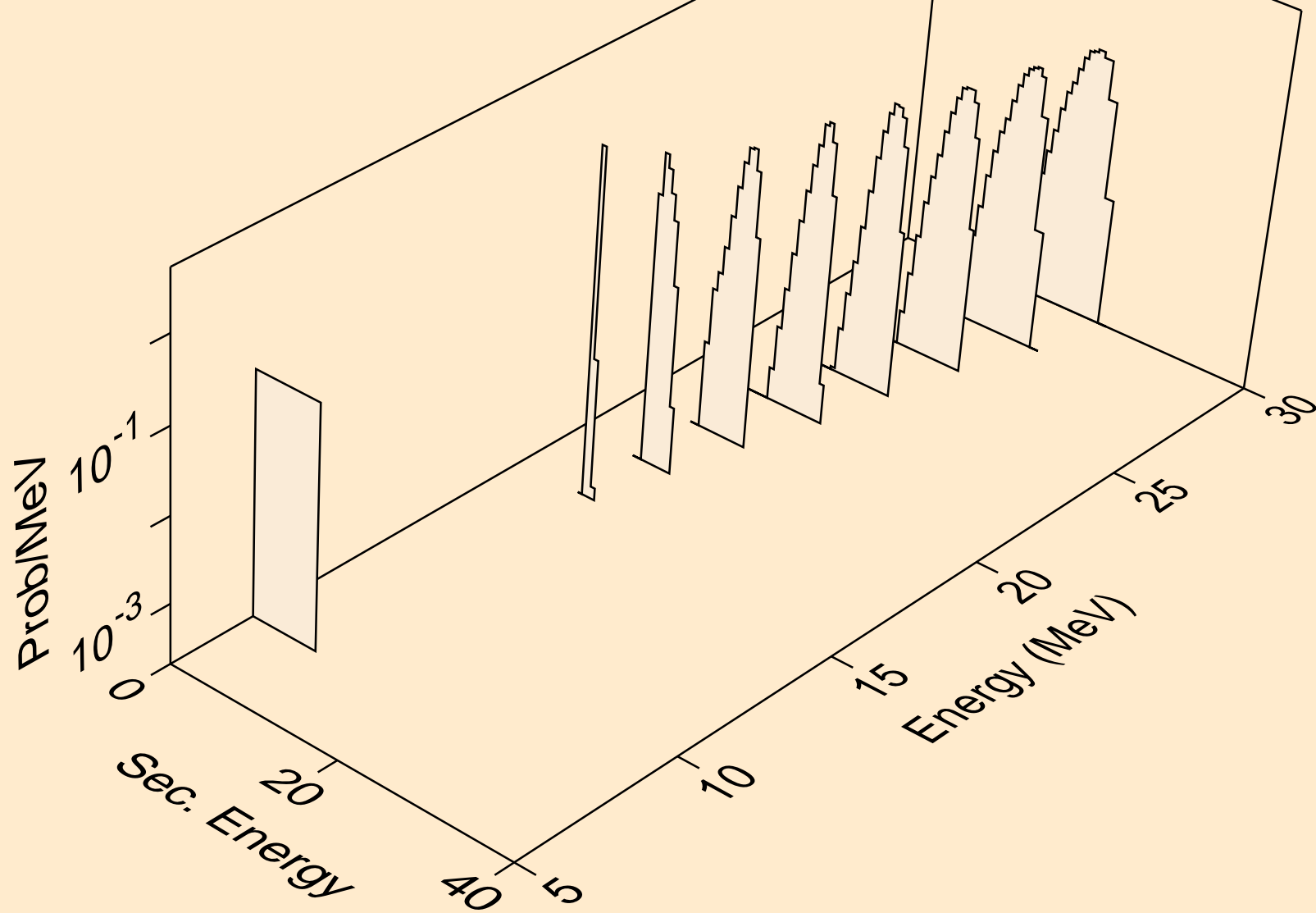




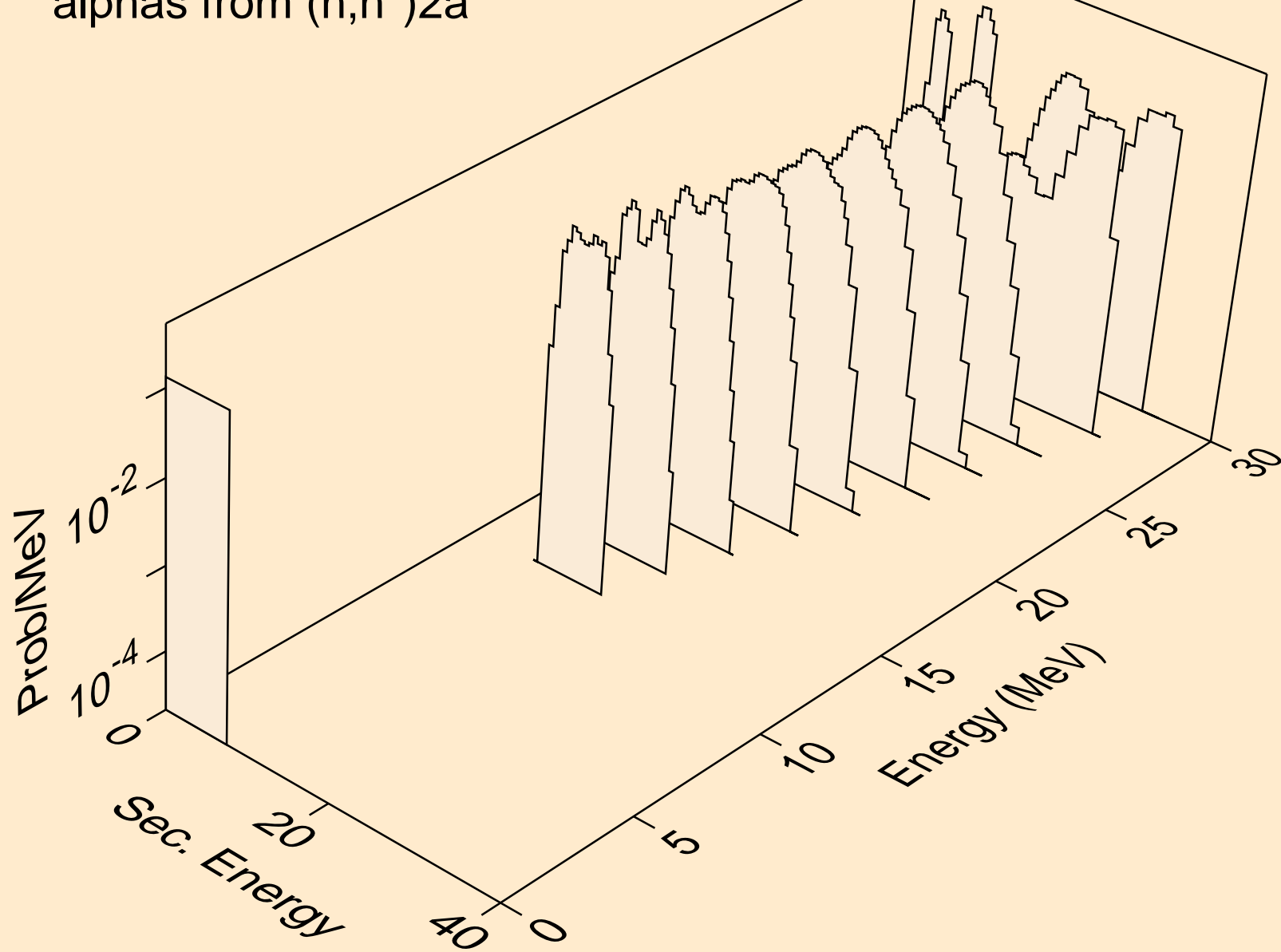
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



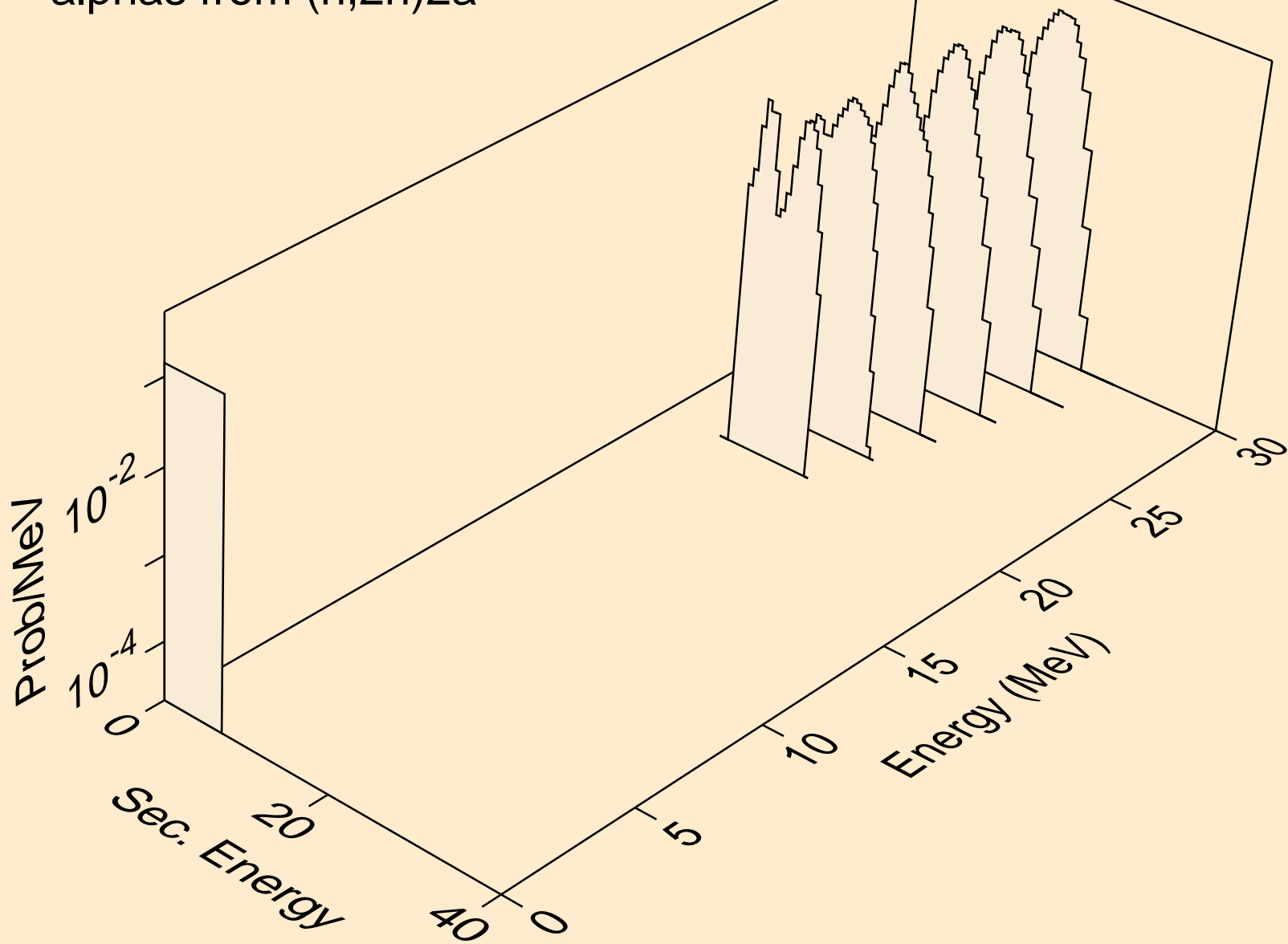
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



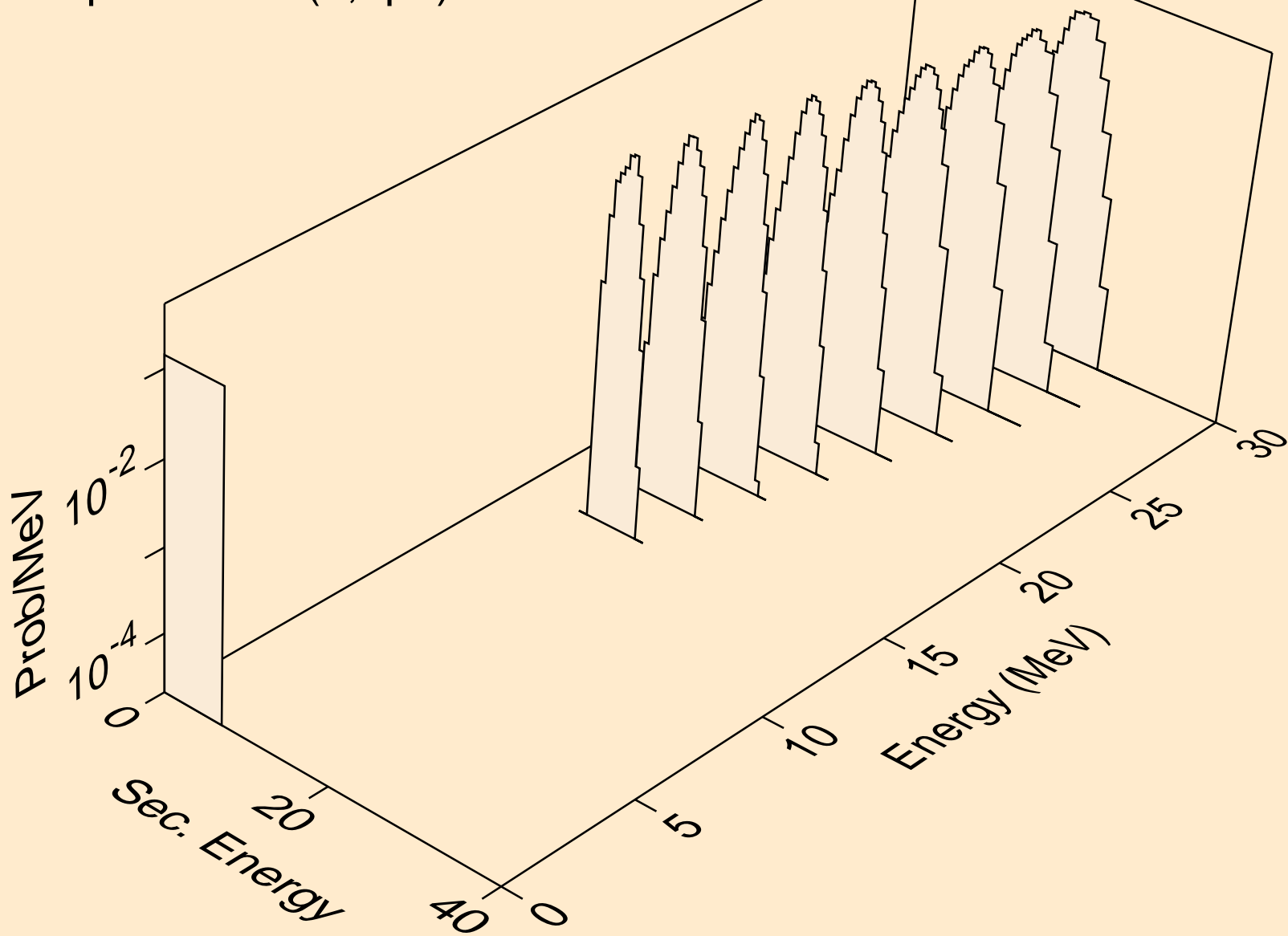
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



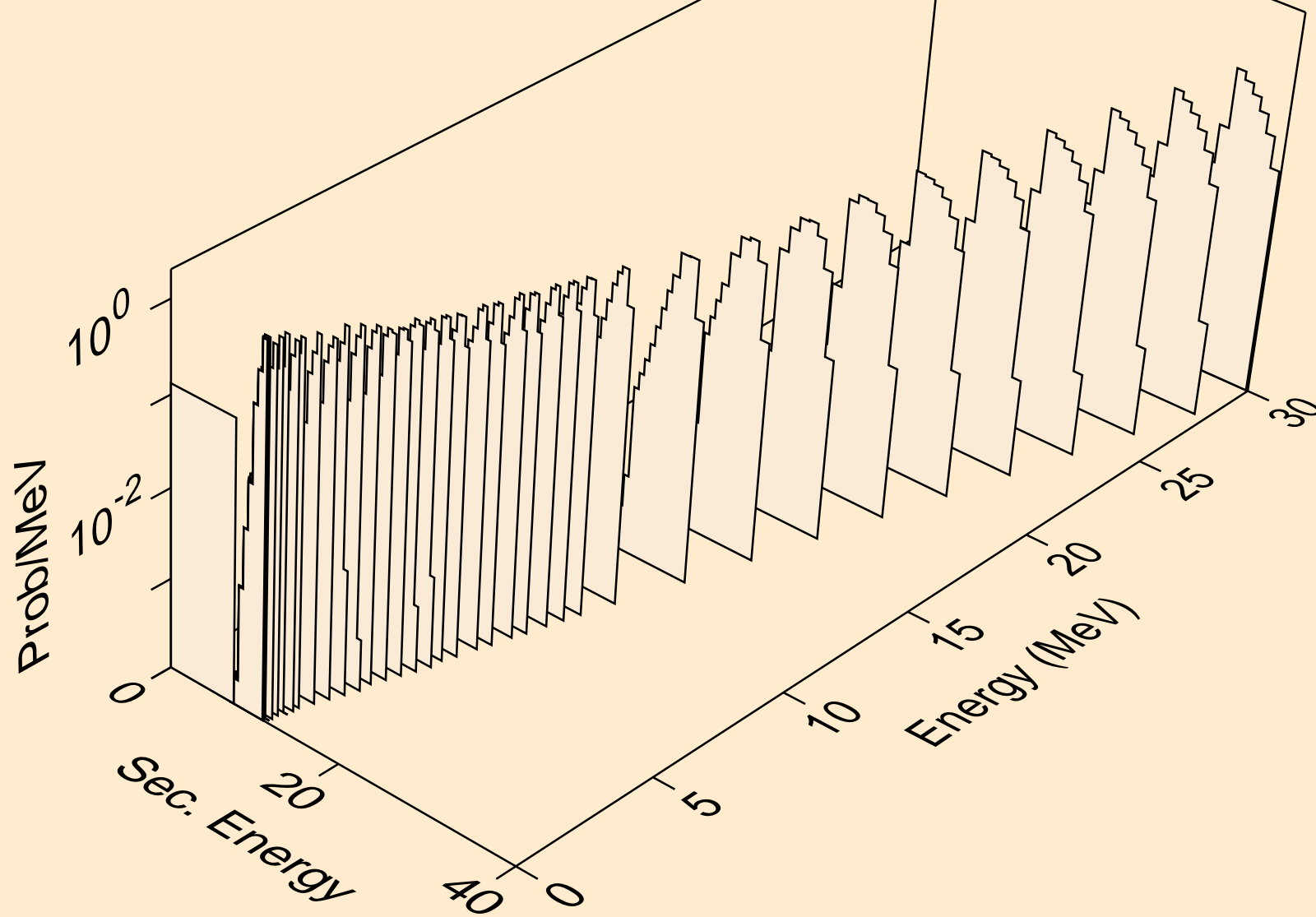
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



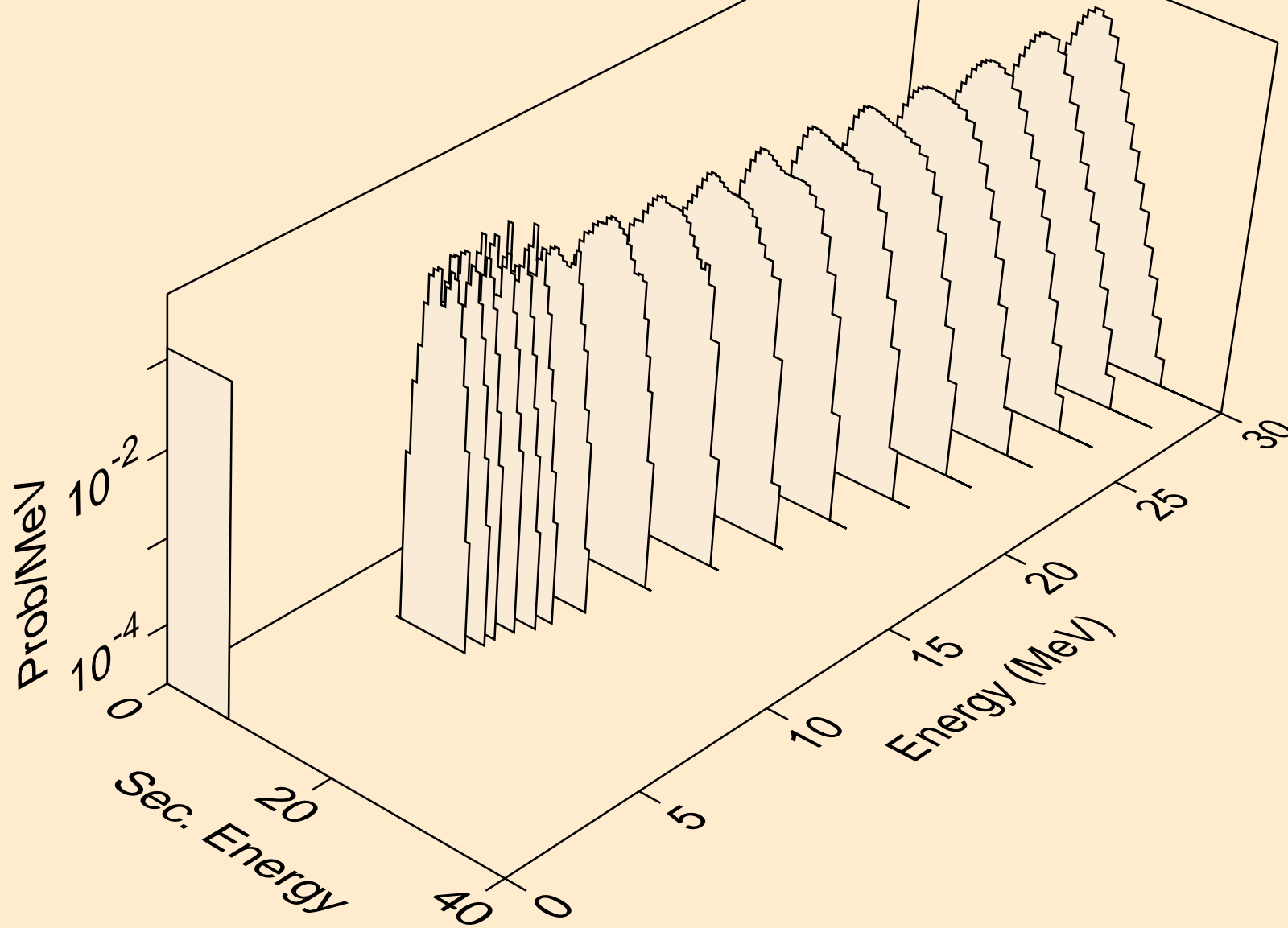
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



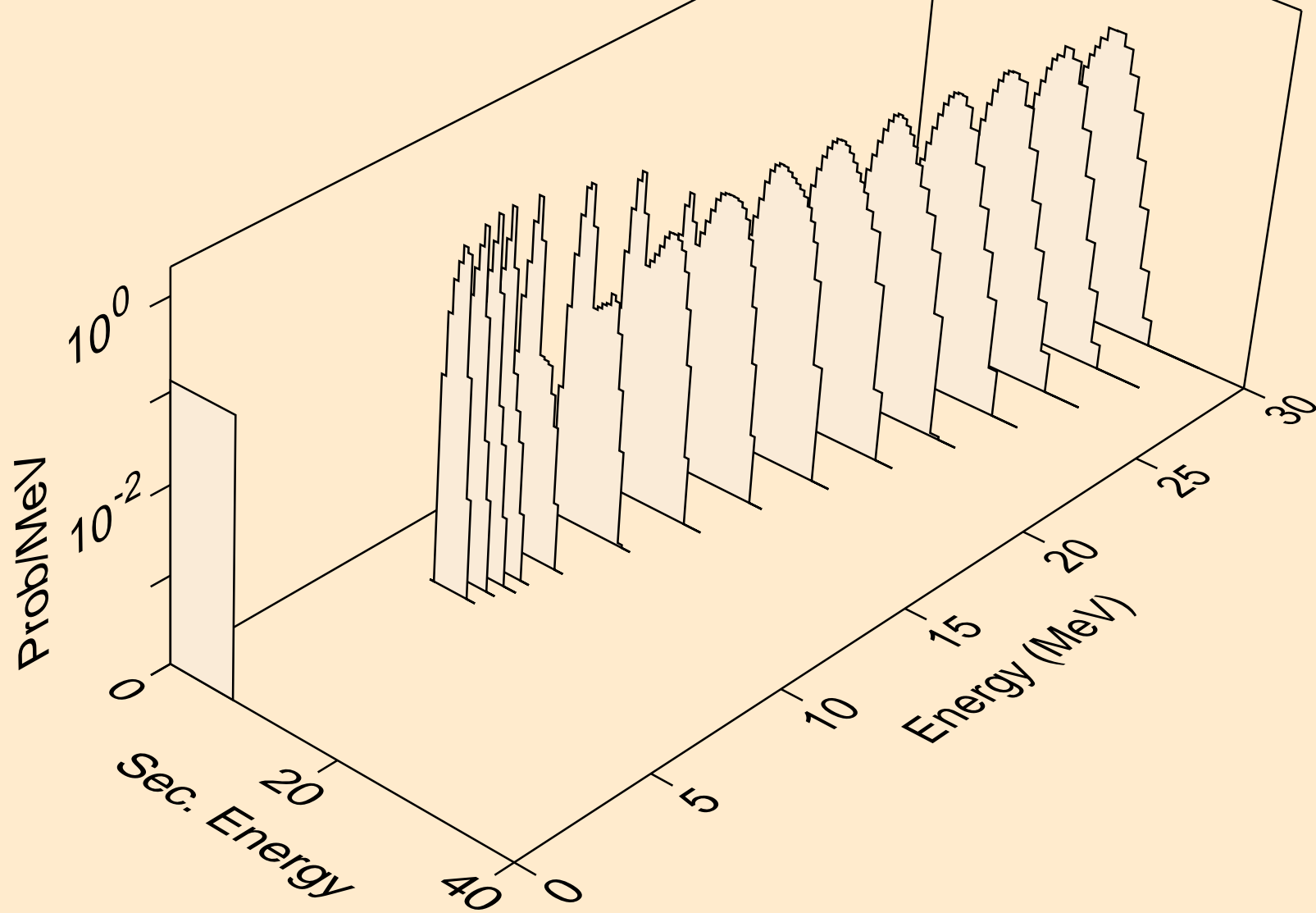
NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)





NP233 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

