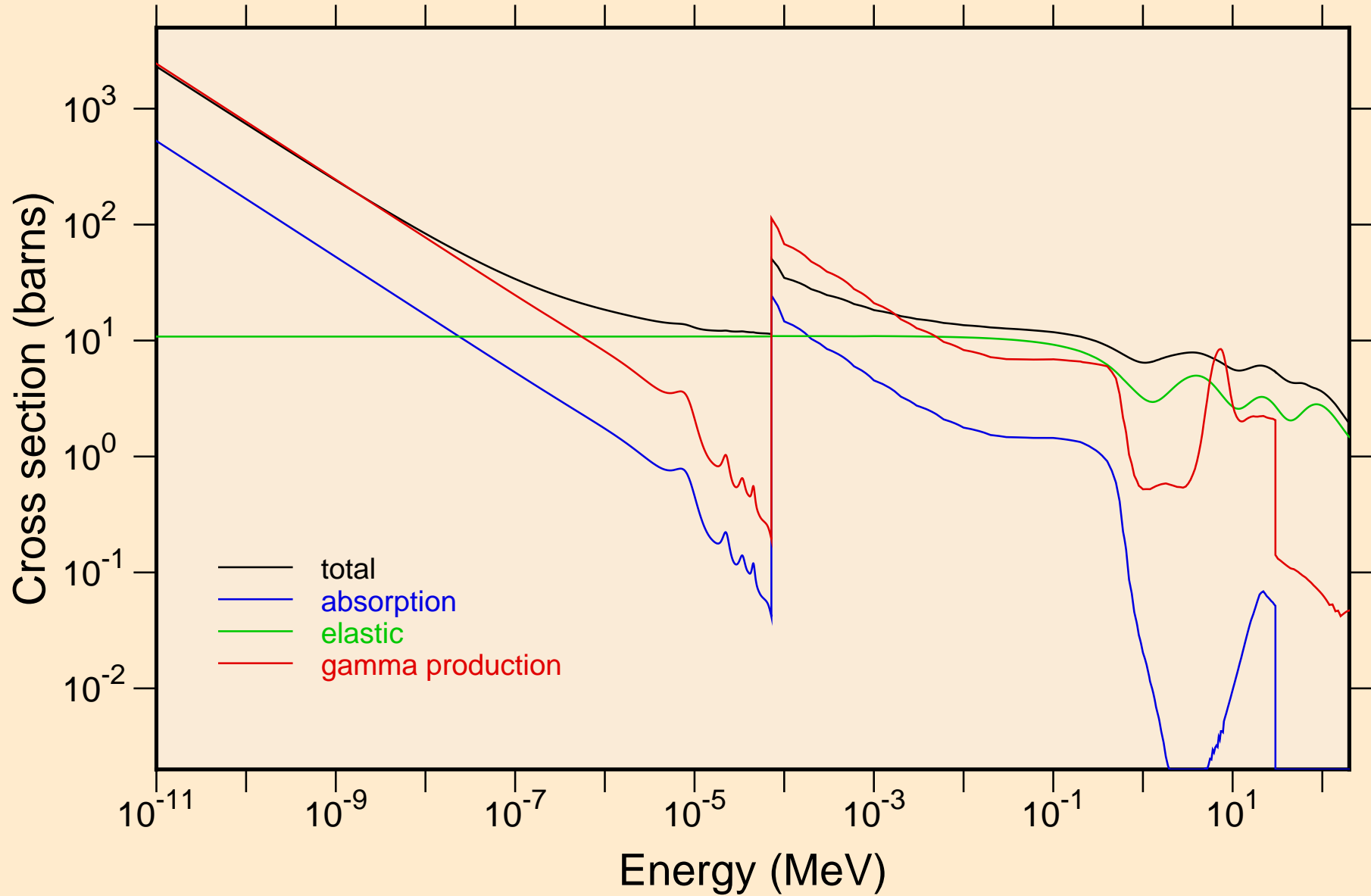
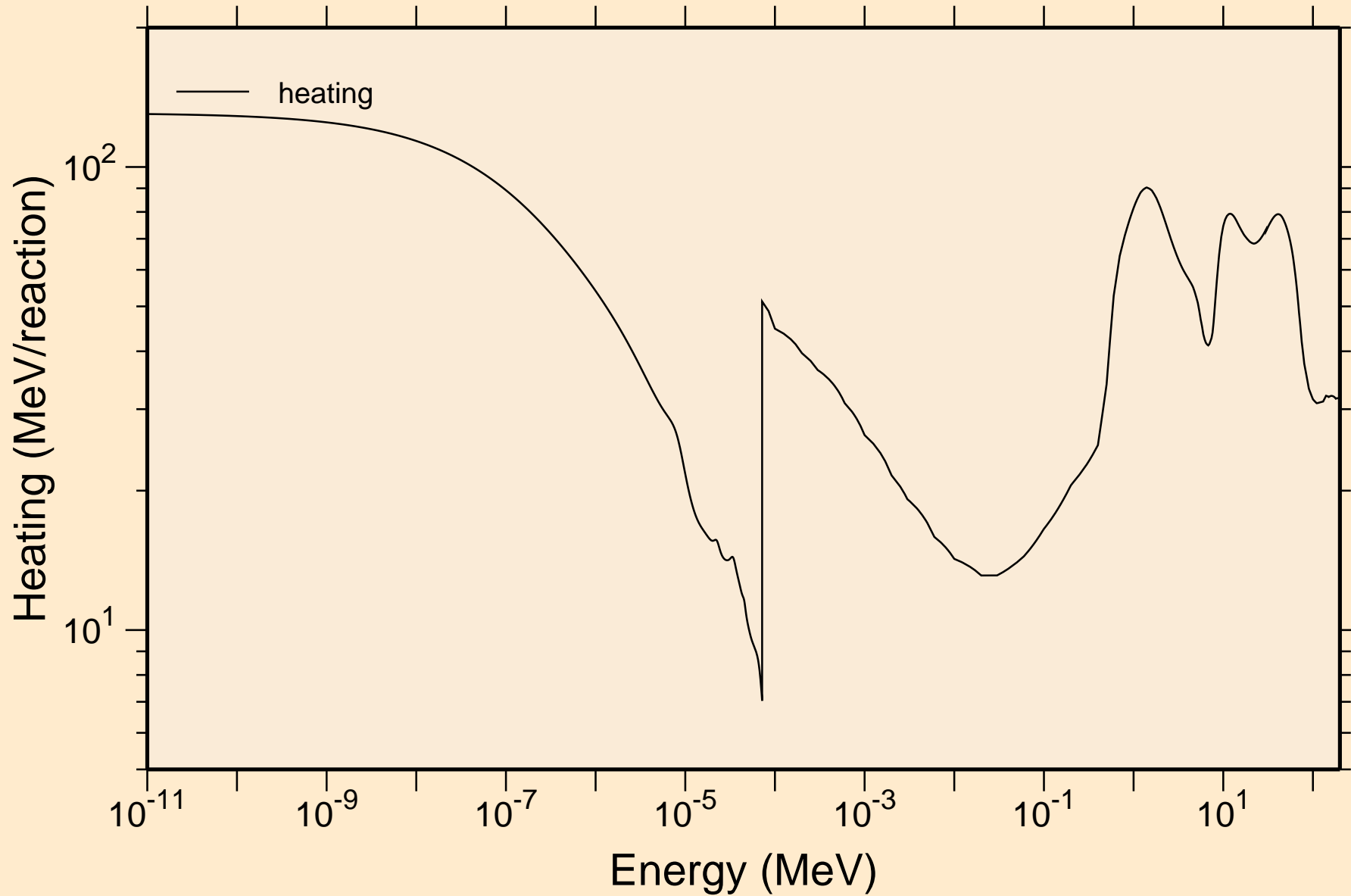


# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

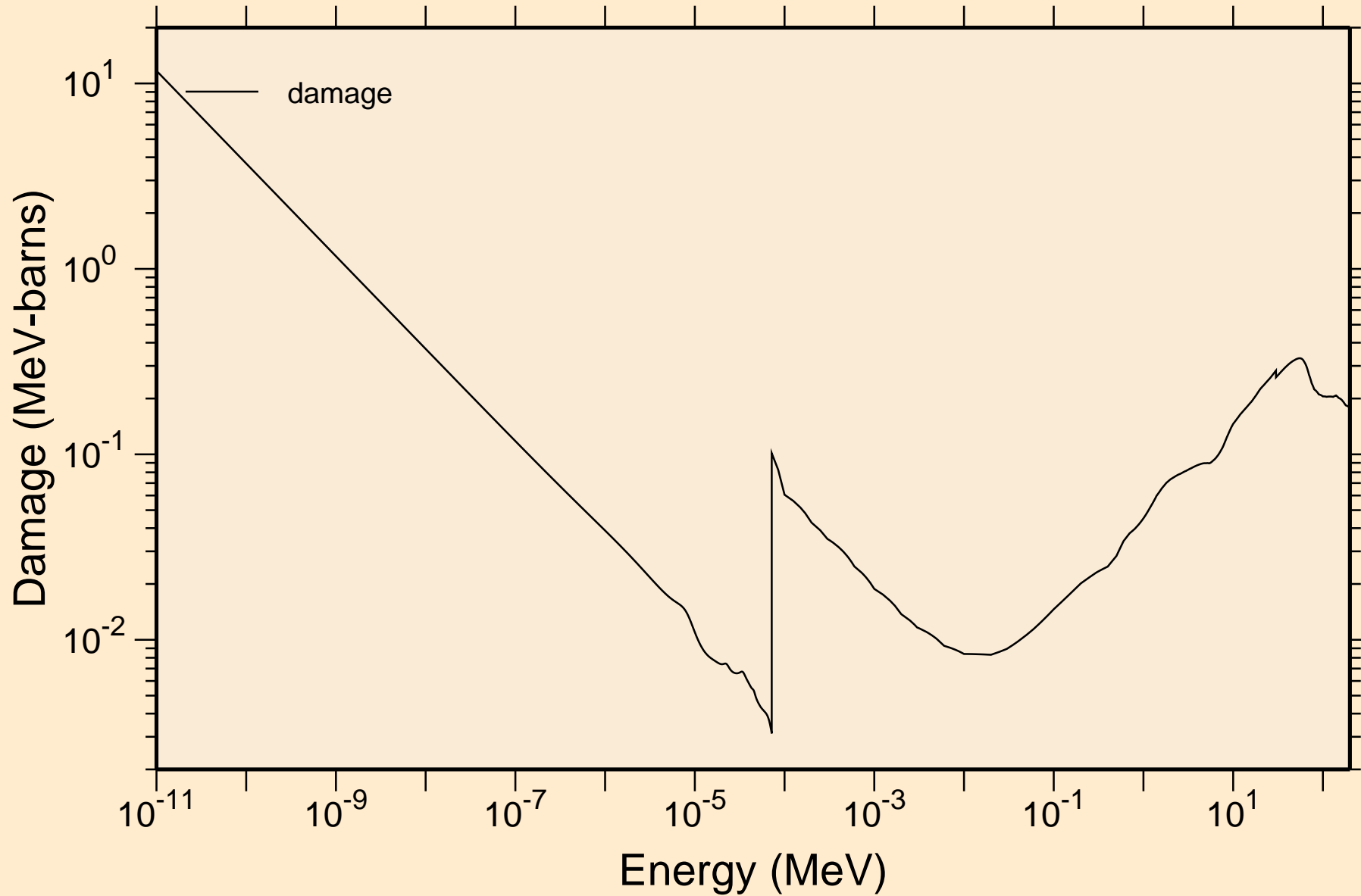


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



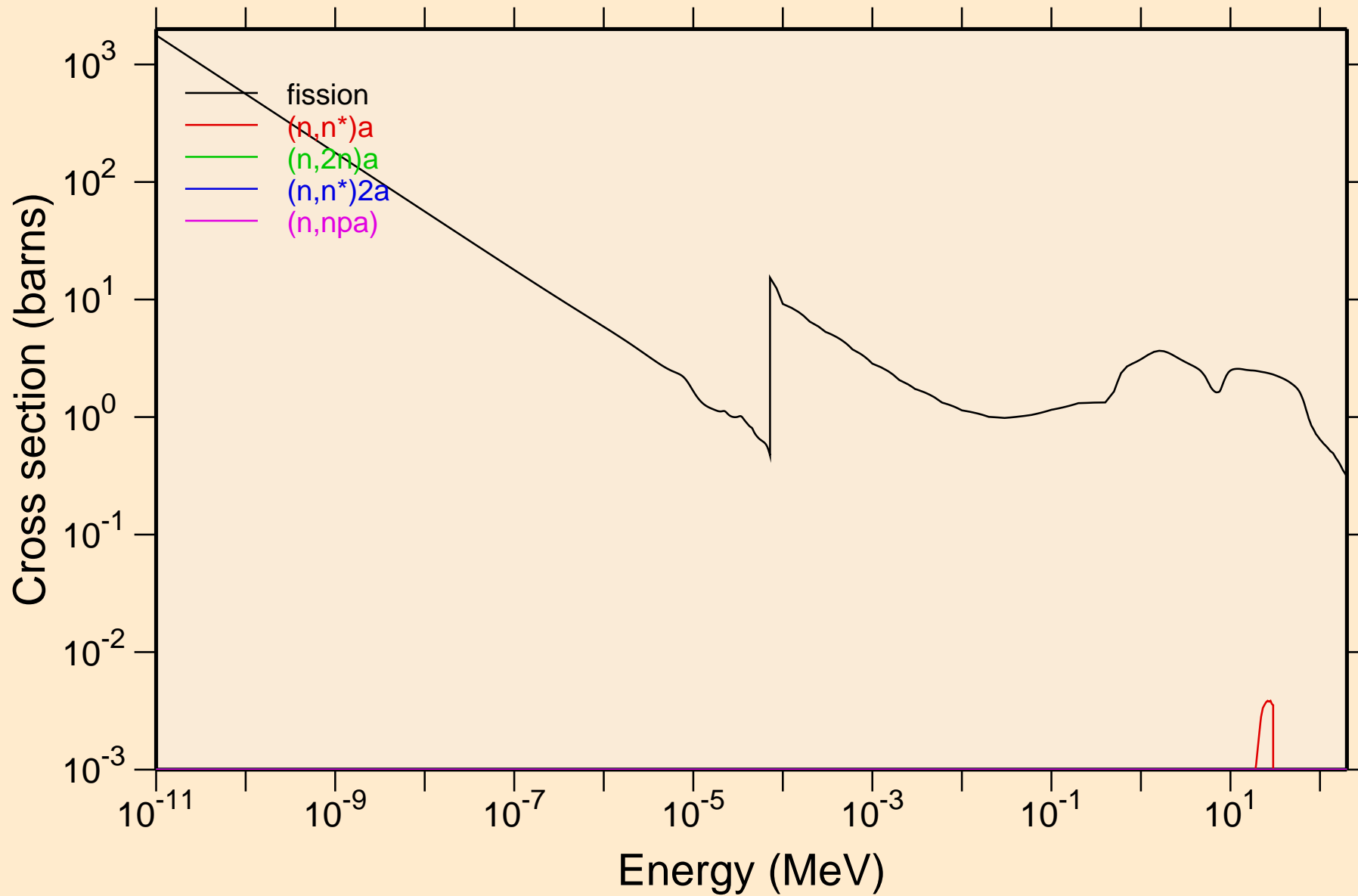
# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



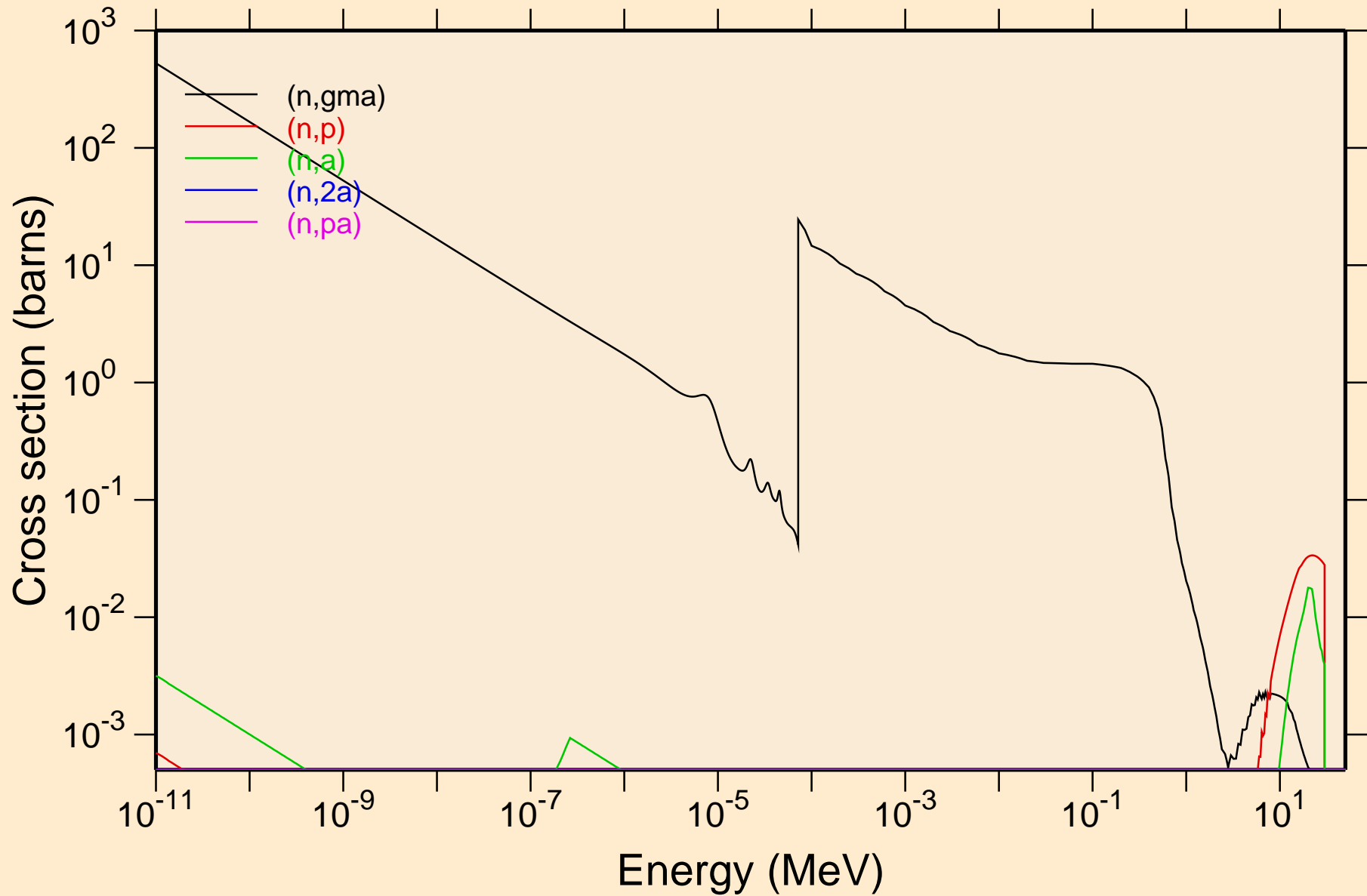
# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

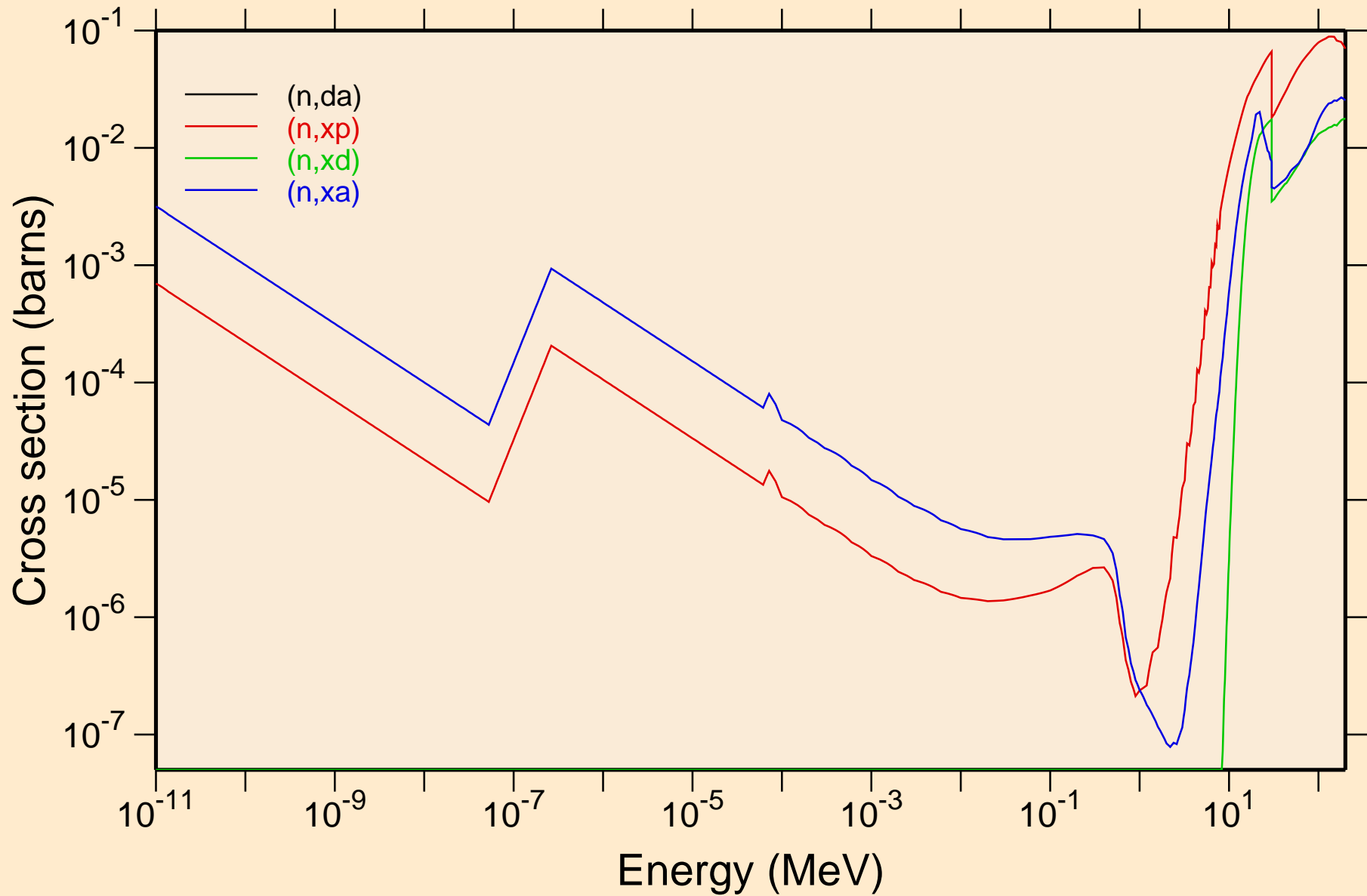


# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

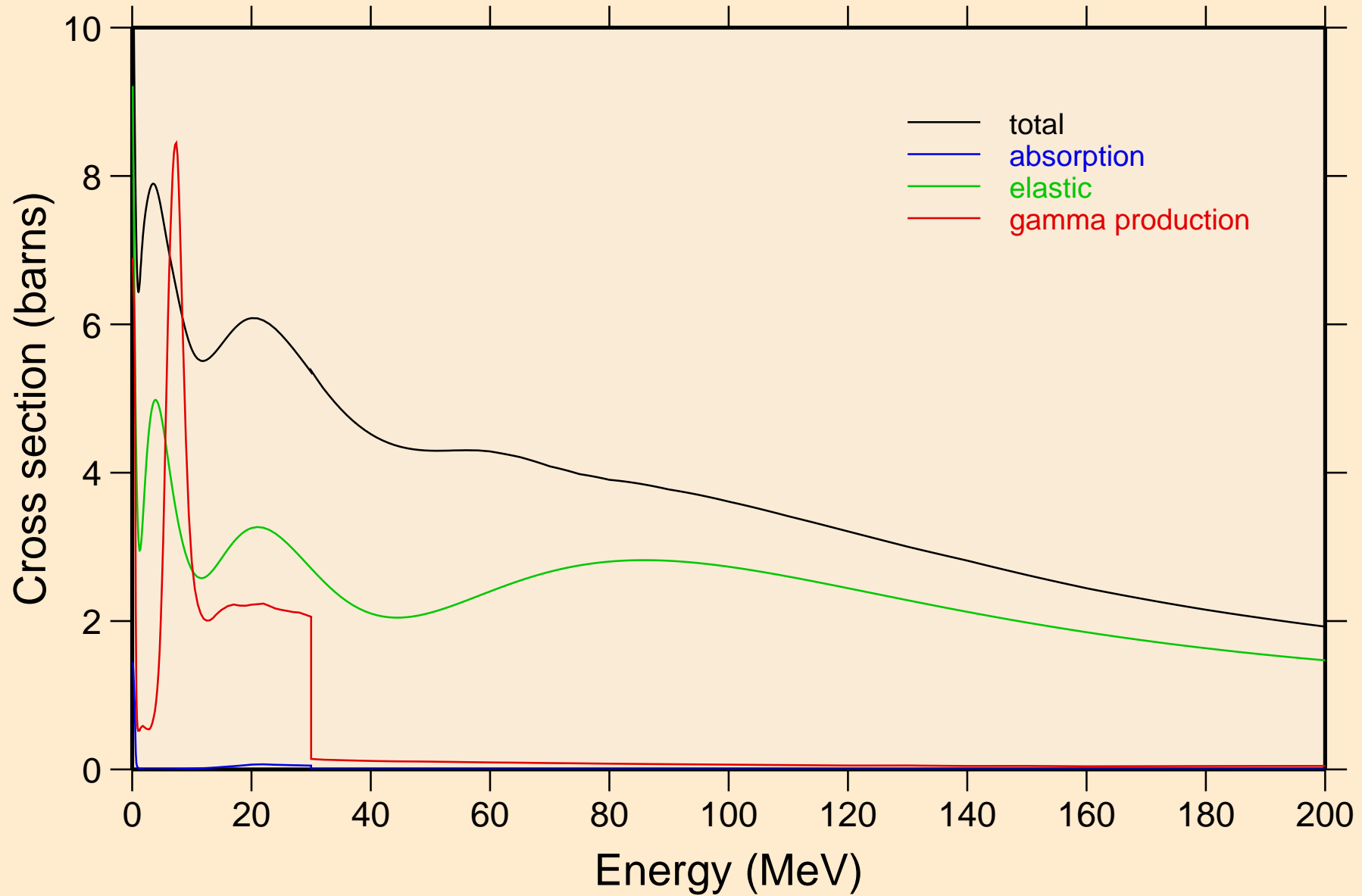


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

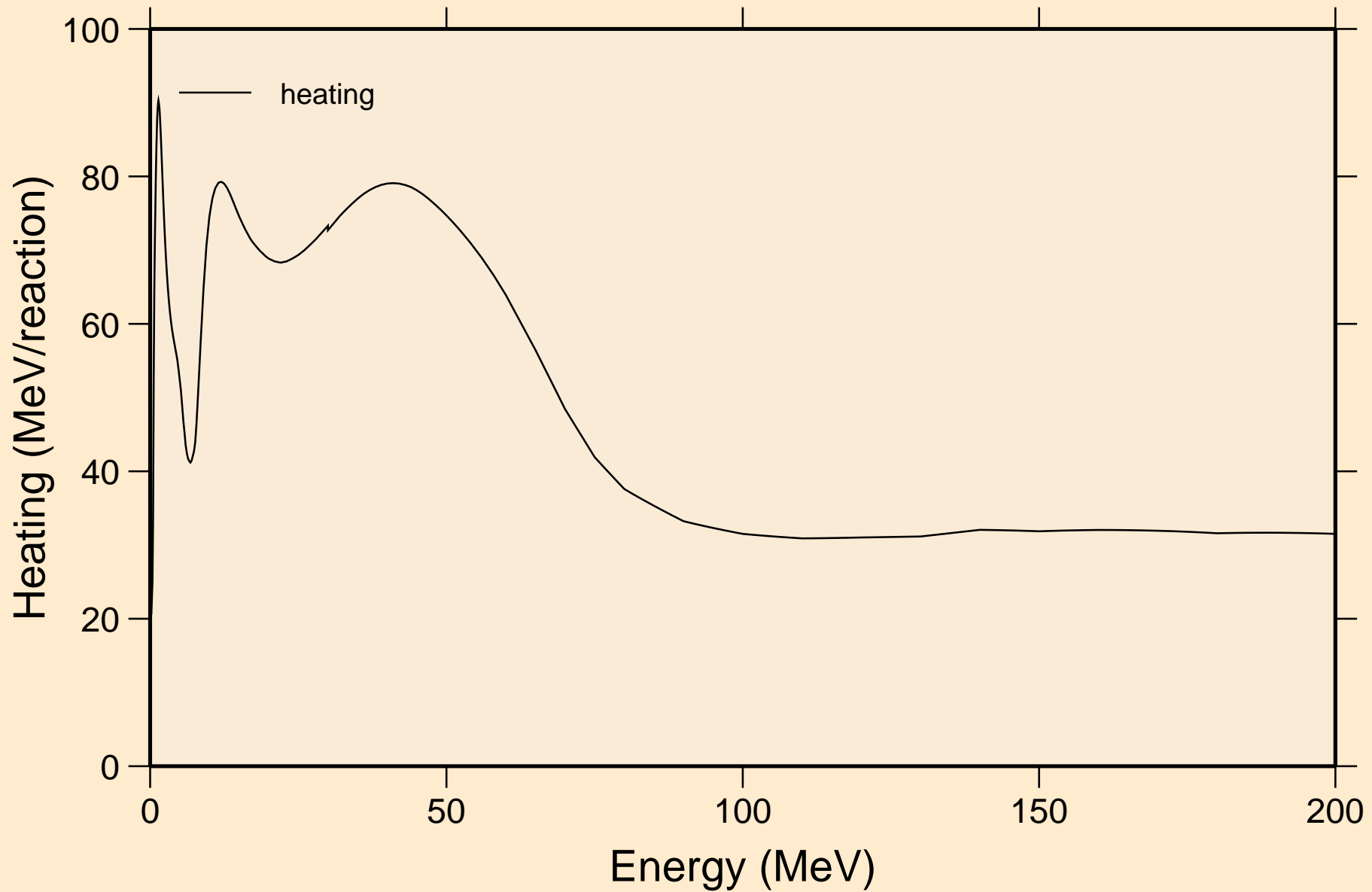


# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



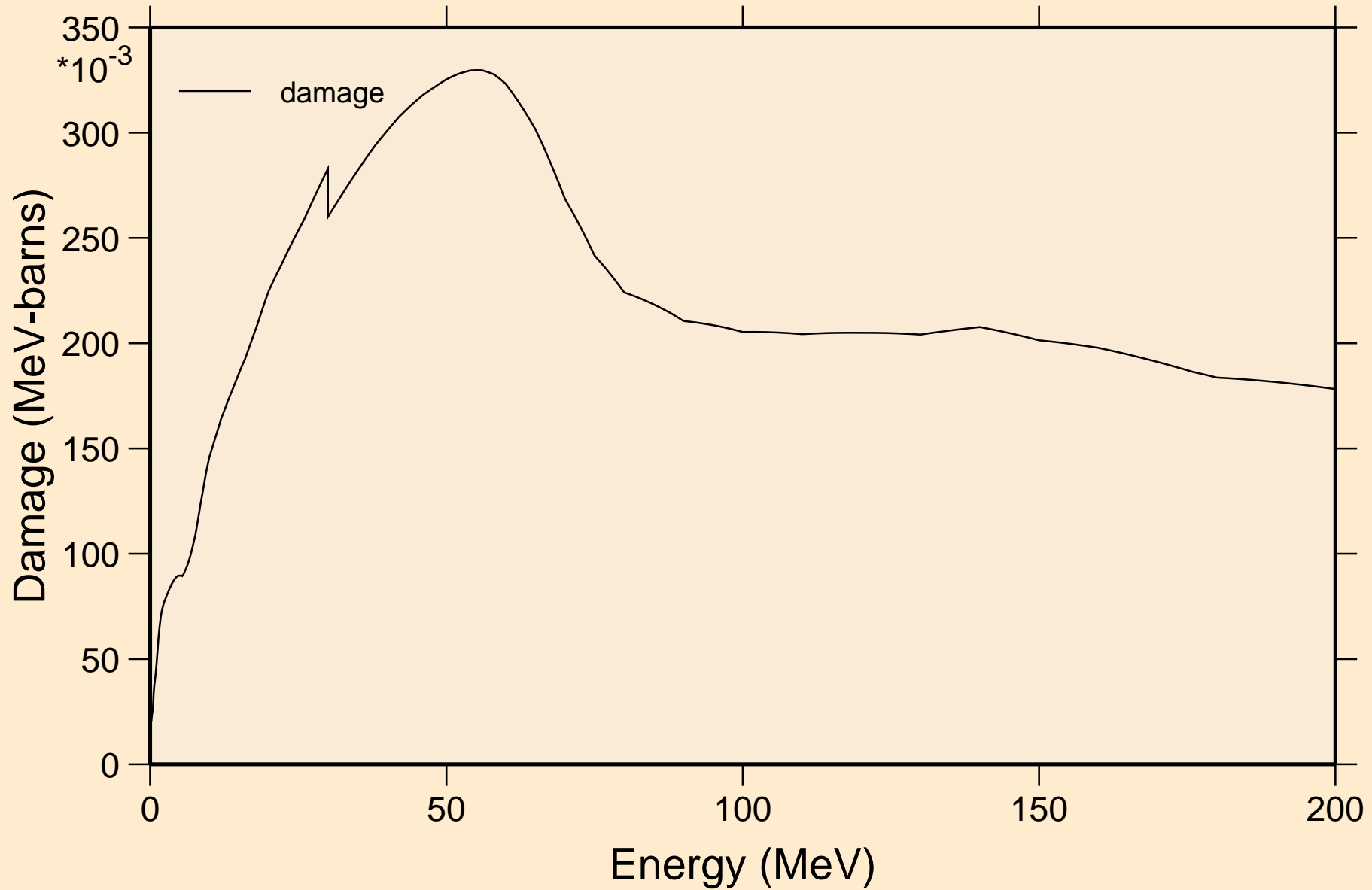
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating





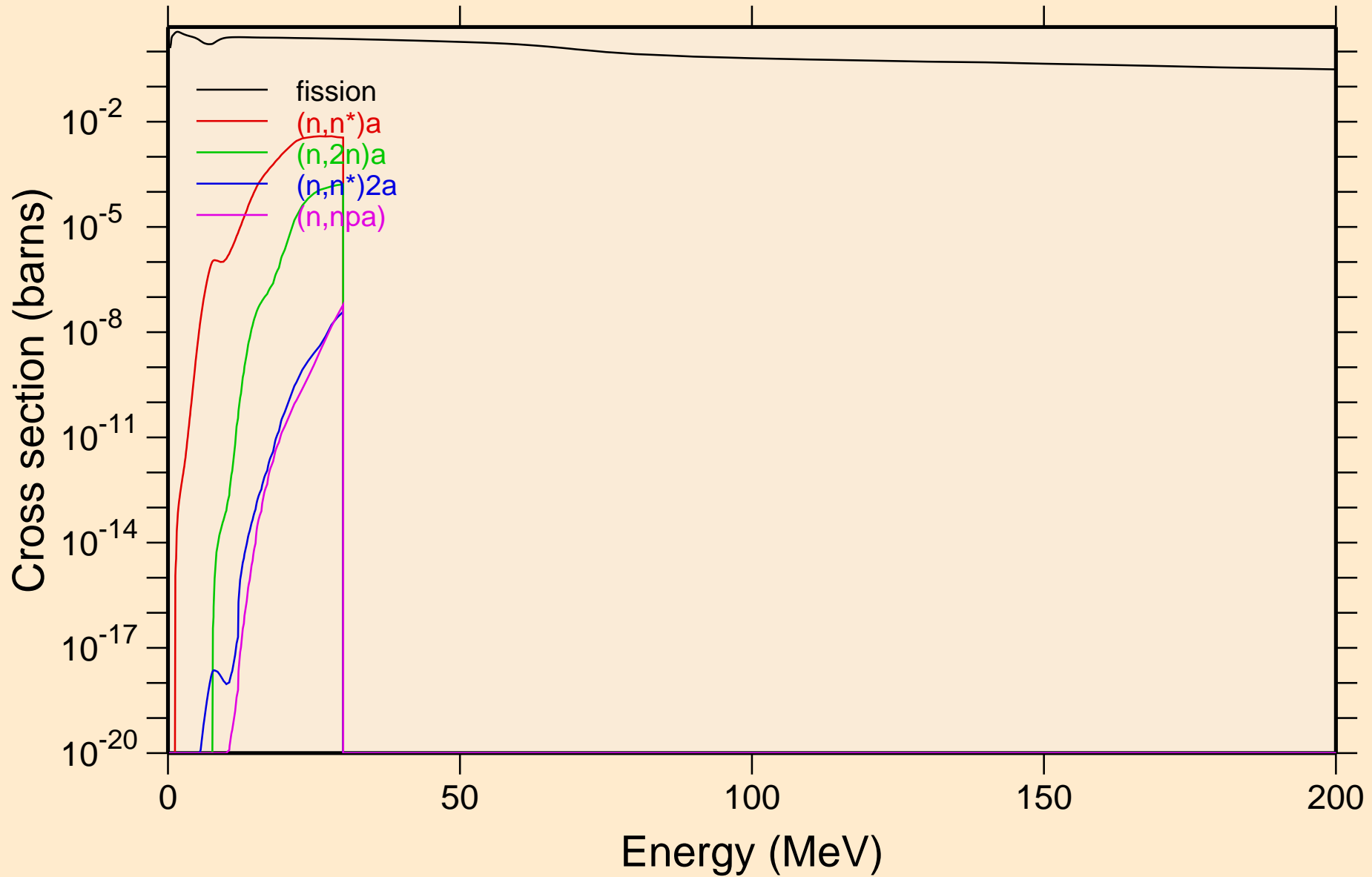
# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



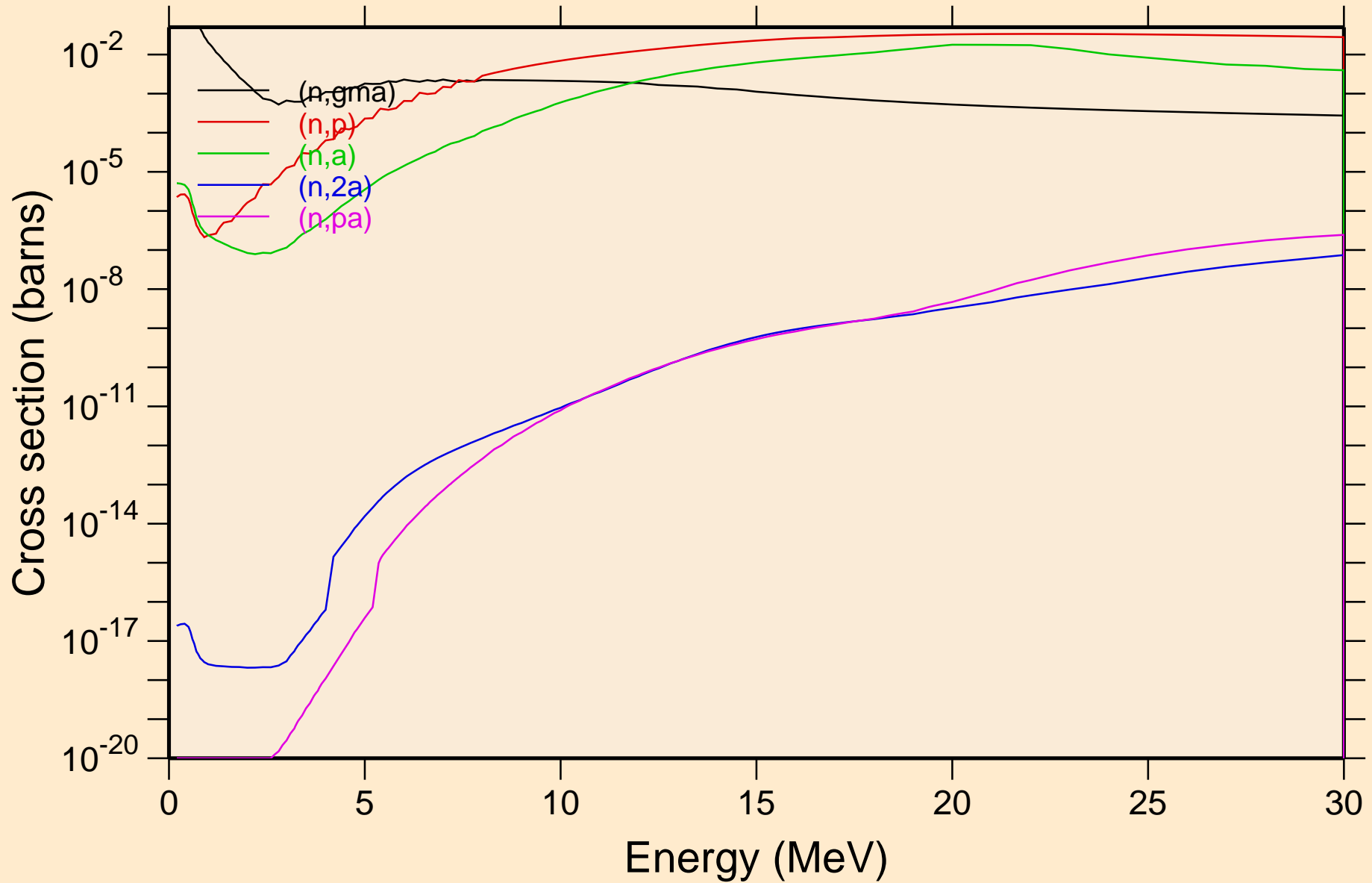
# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

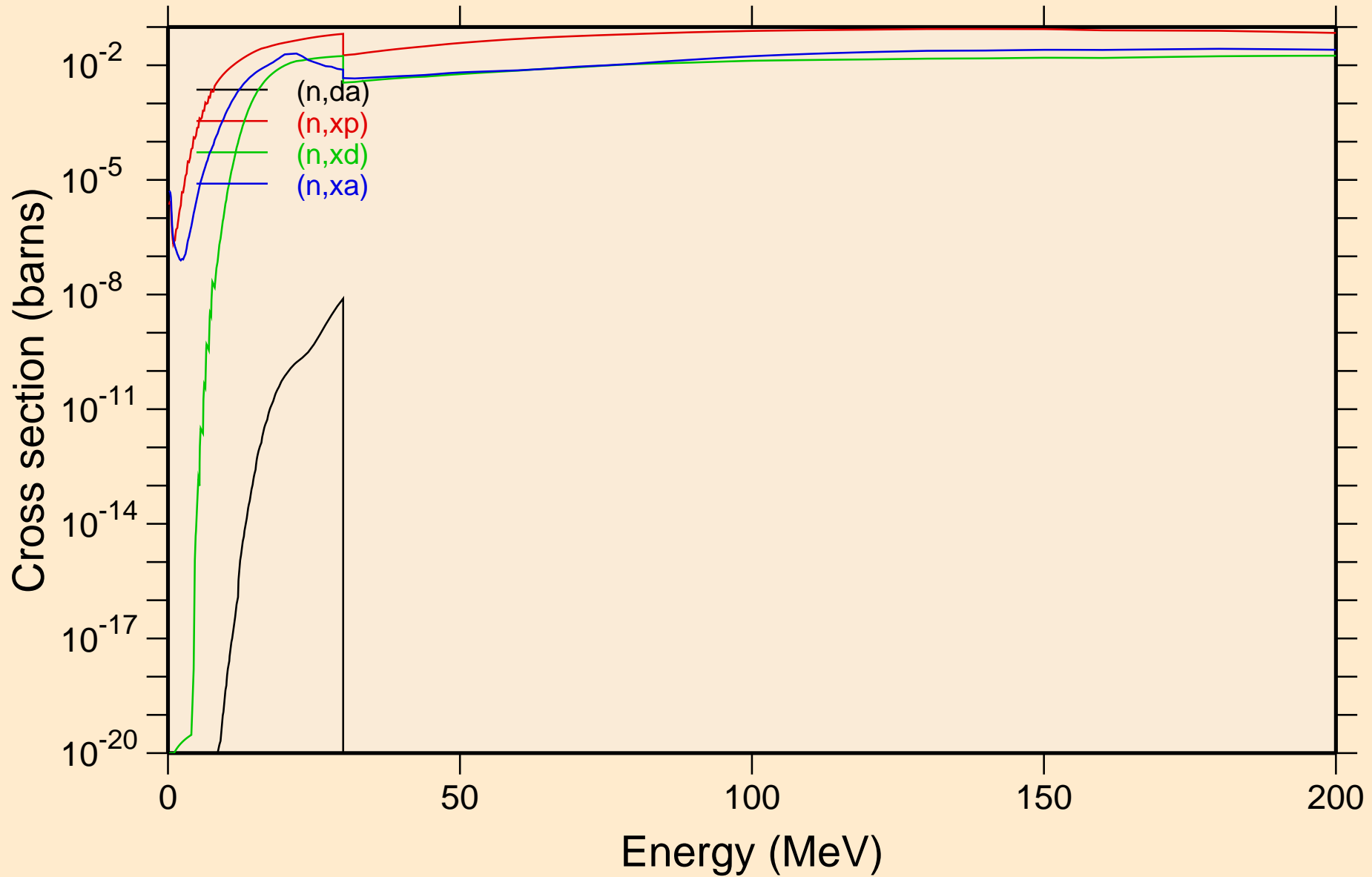


# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

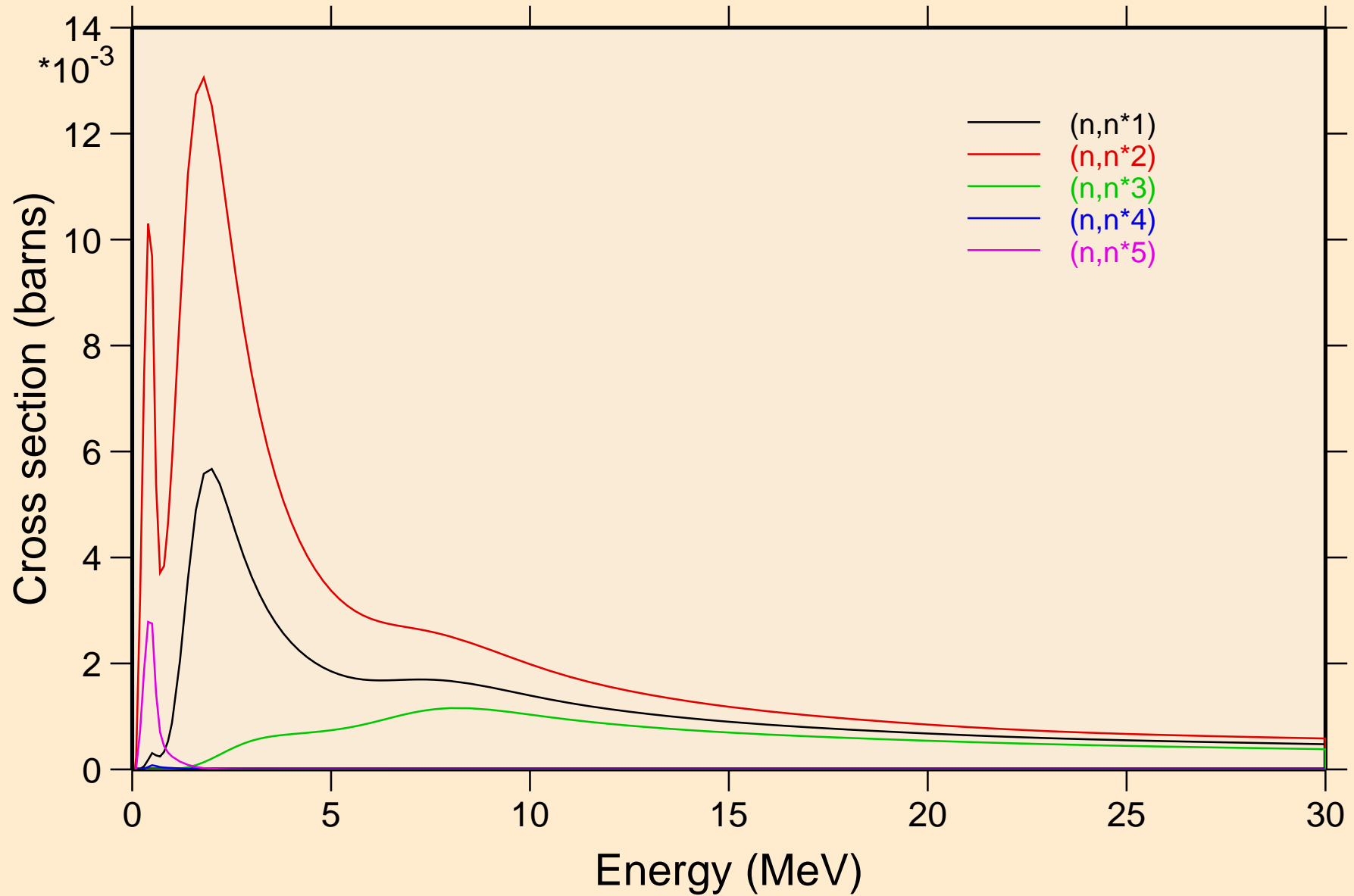
## Non-threshold reactions



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

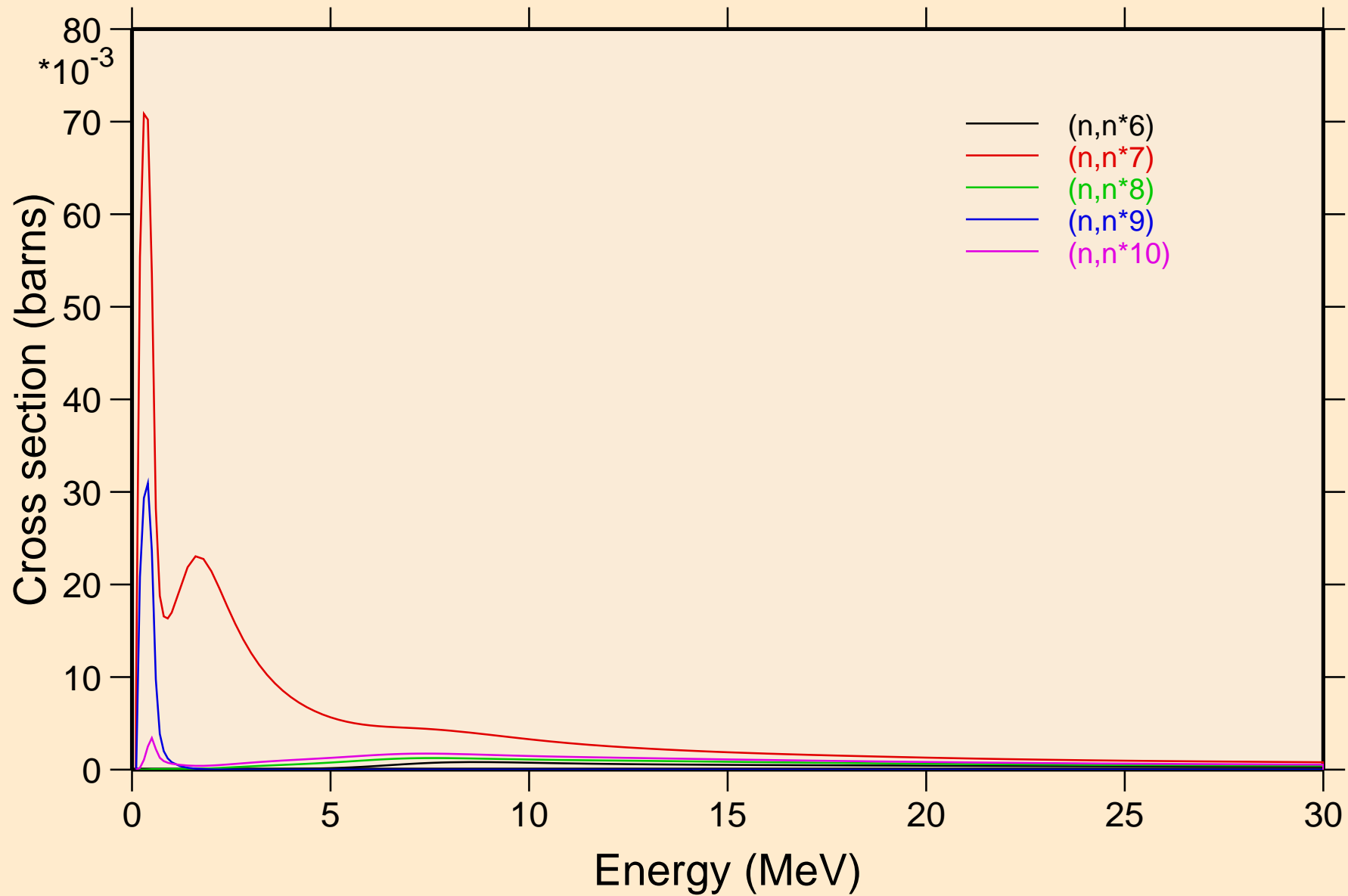


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

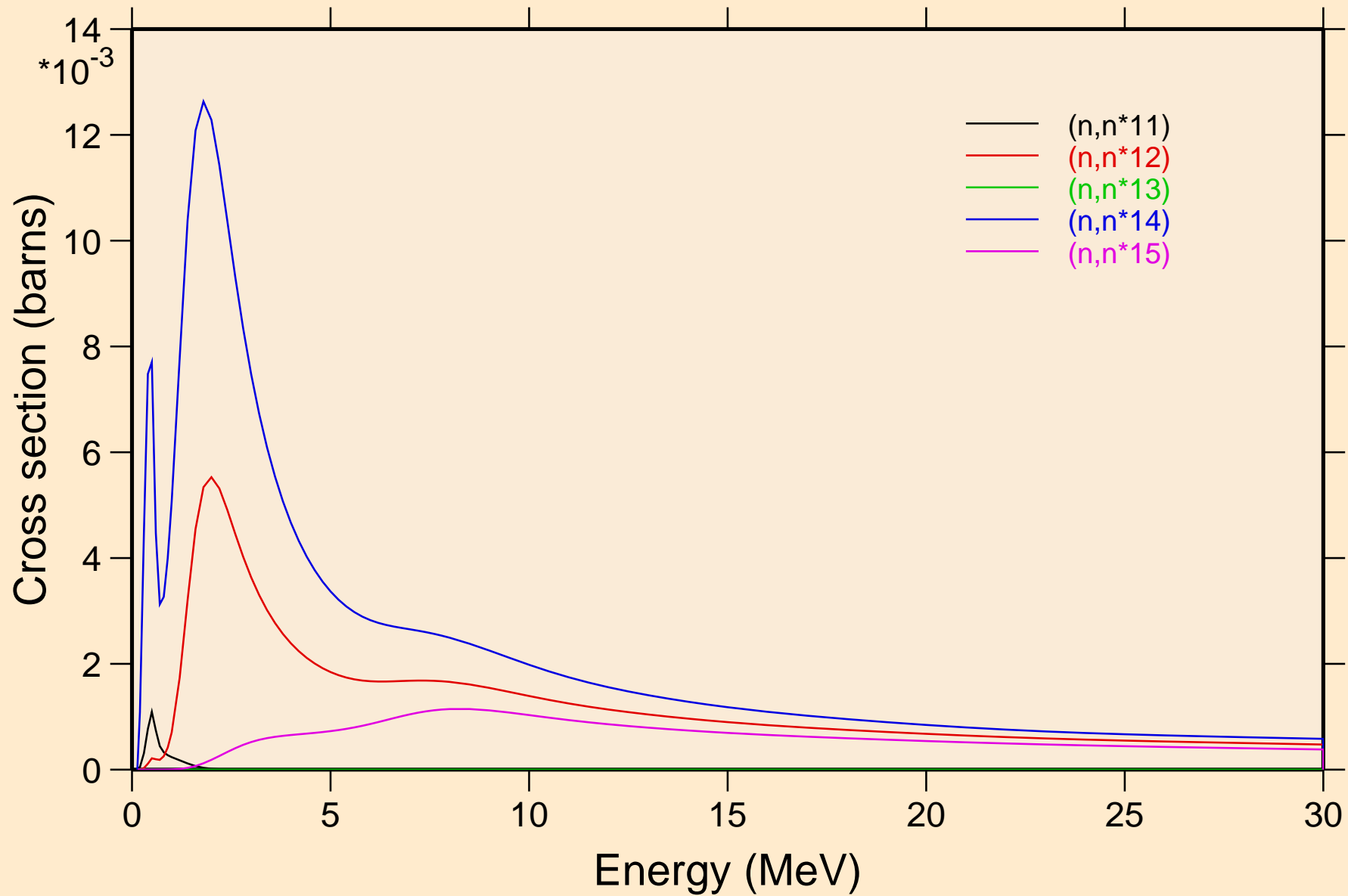


# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

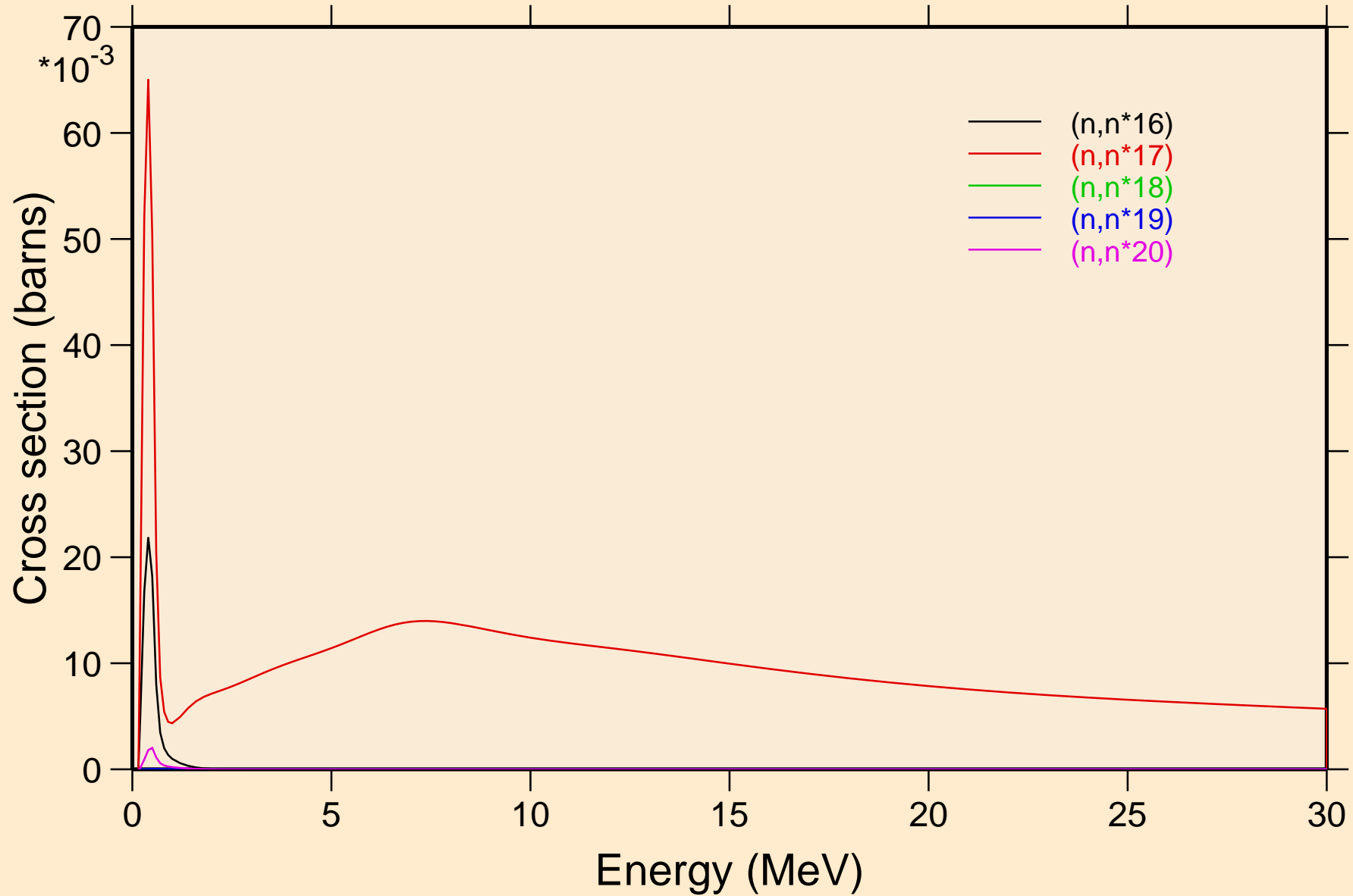
## Inelastic levels



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

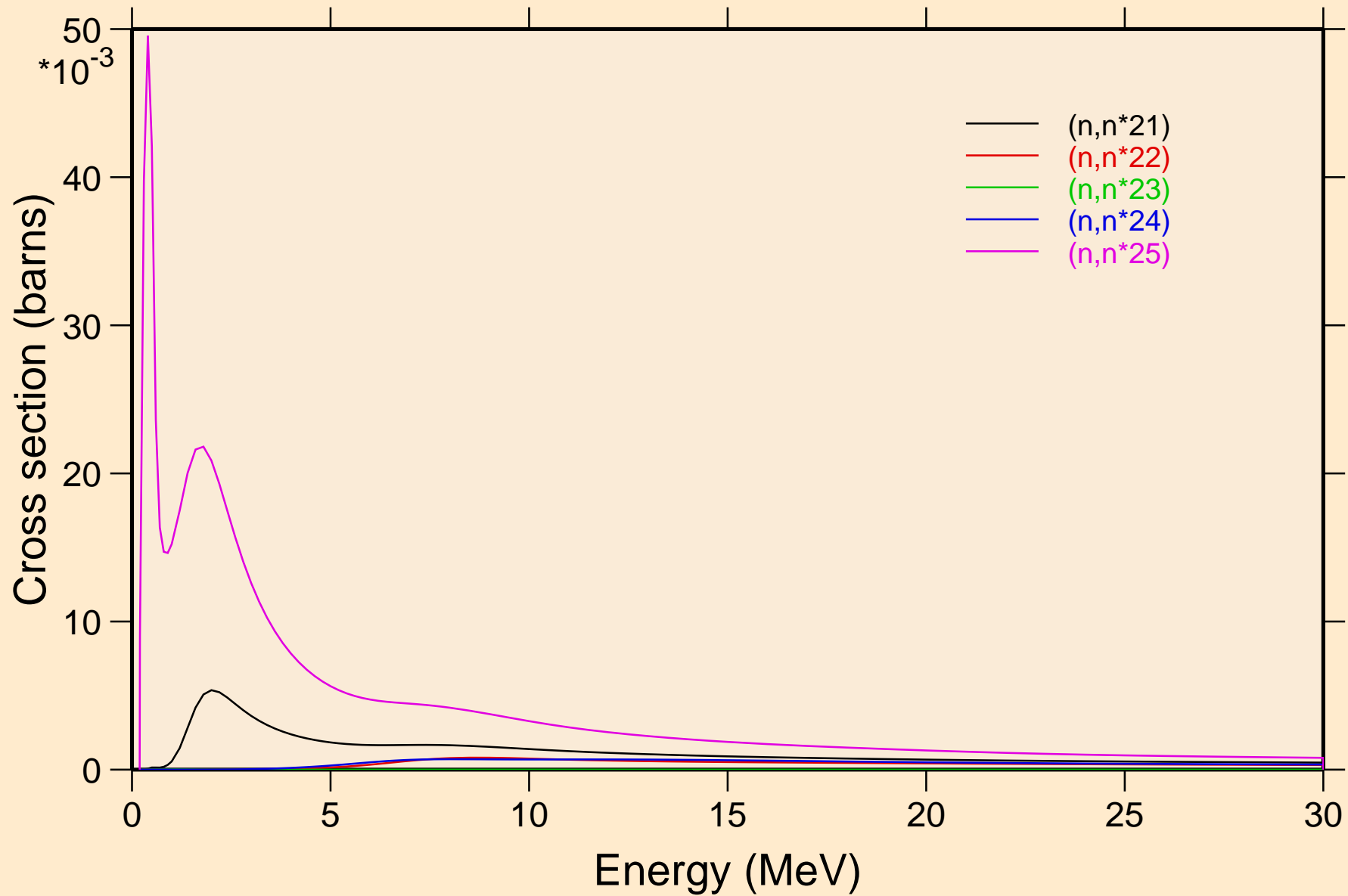


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

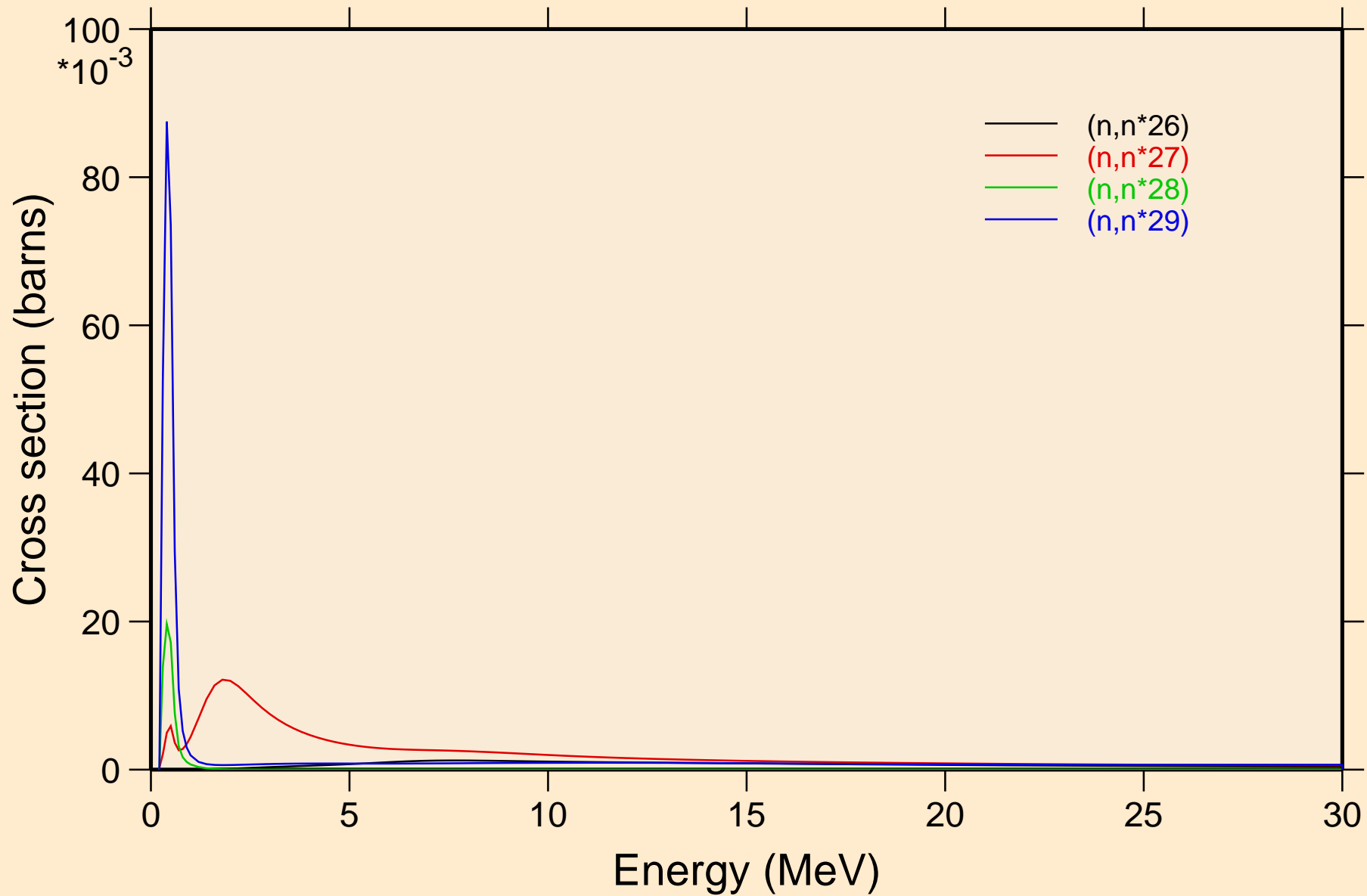




NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

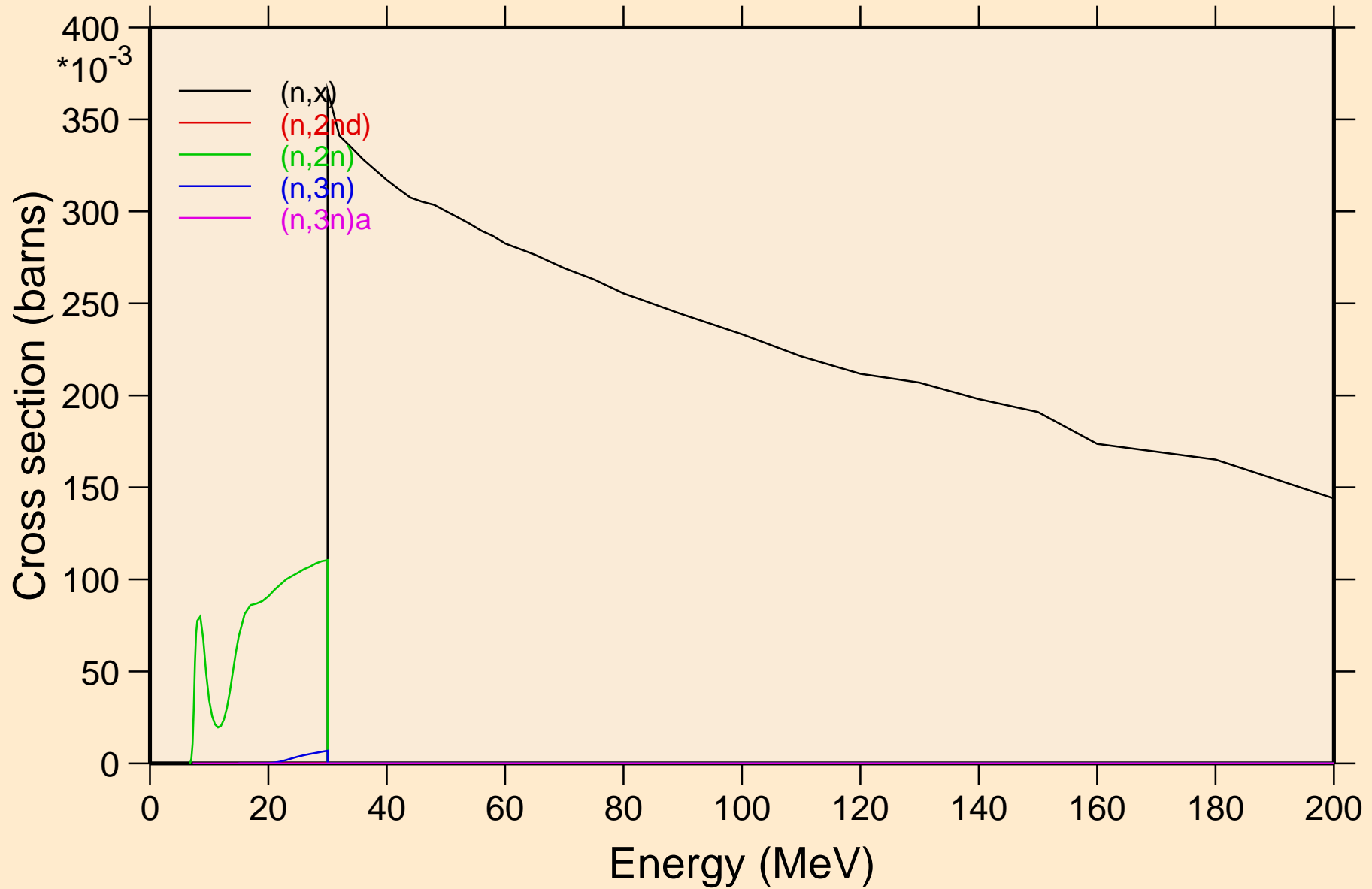


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

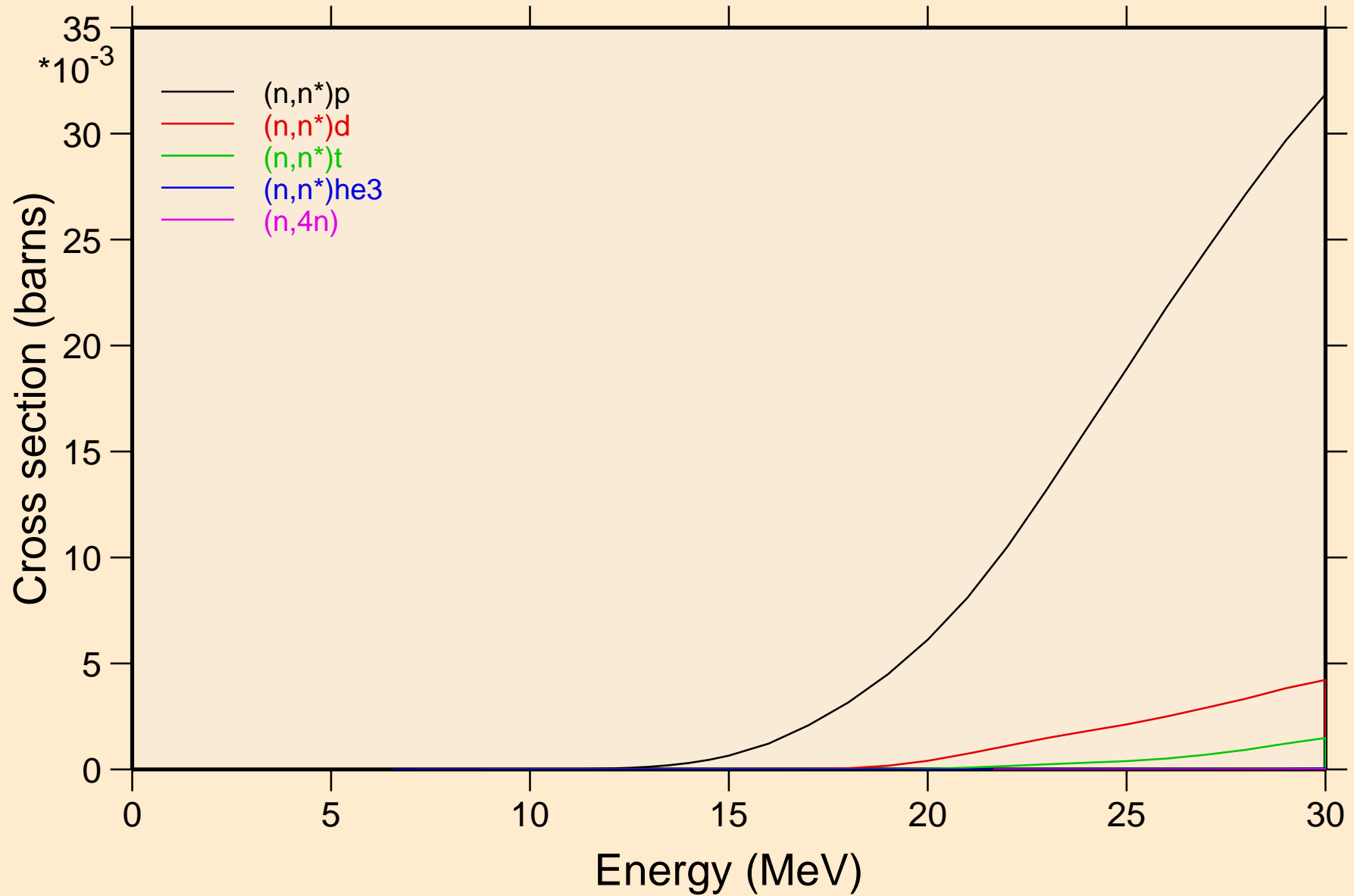


# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

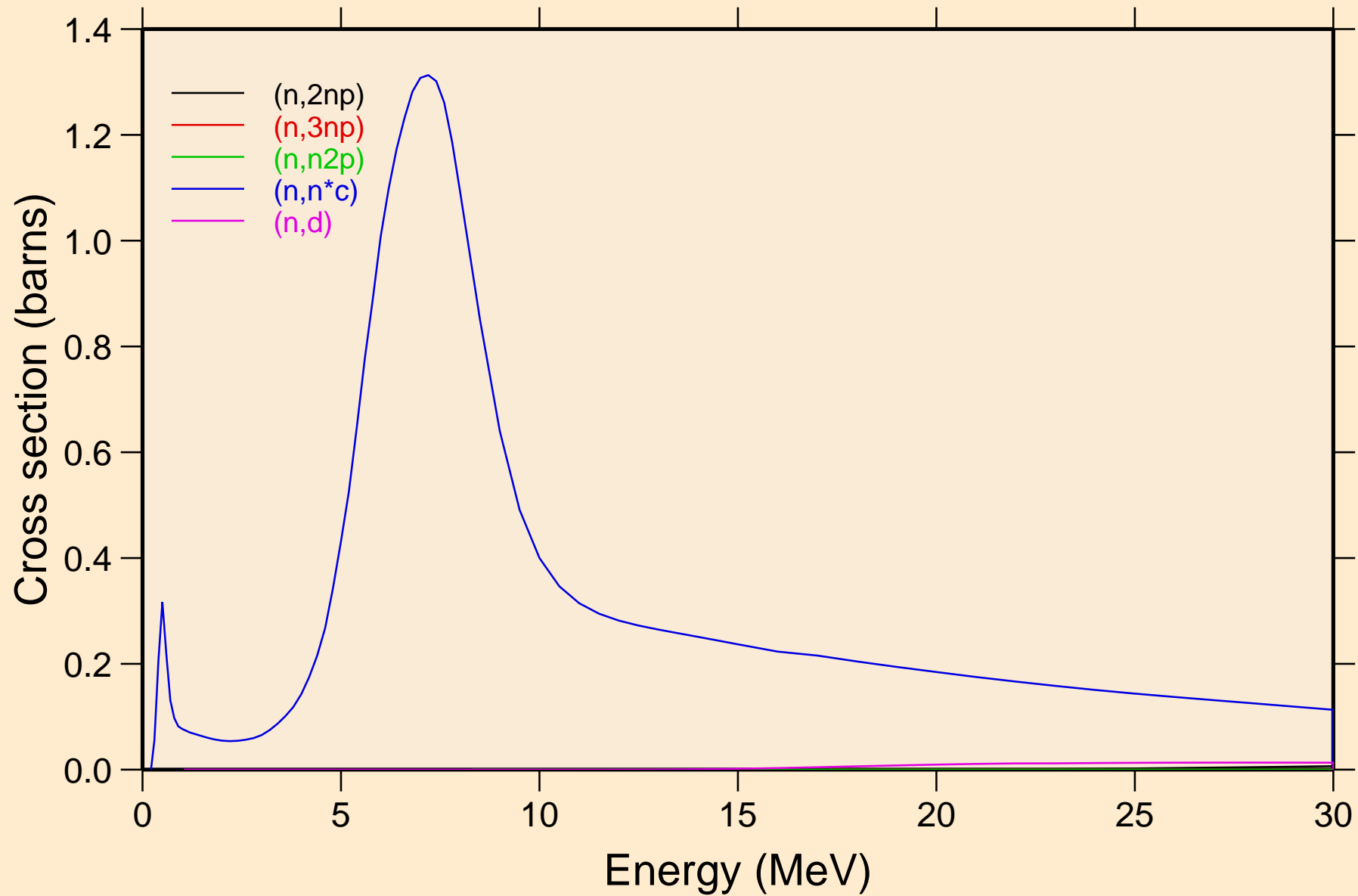
## Threshold reactions



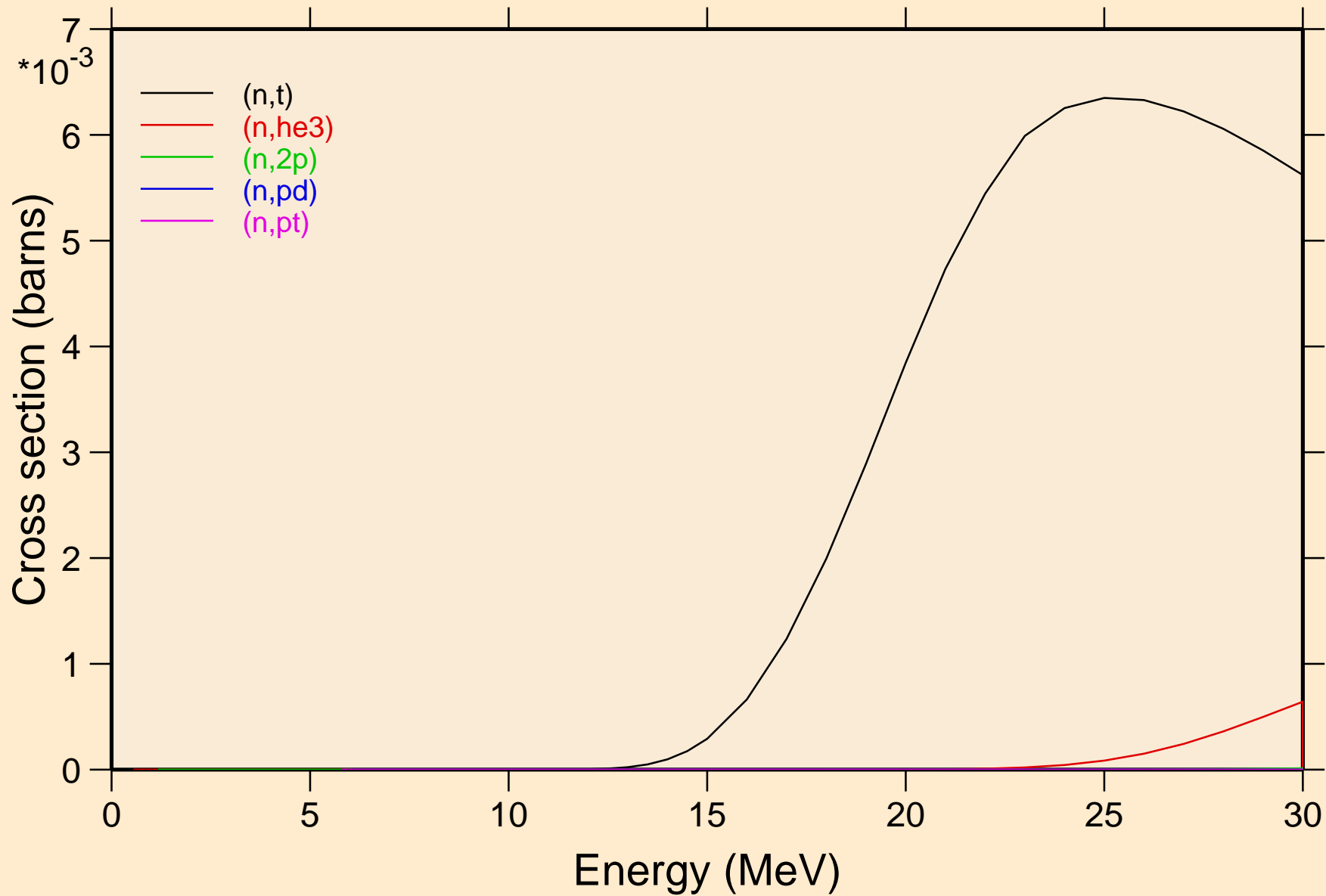
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



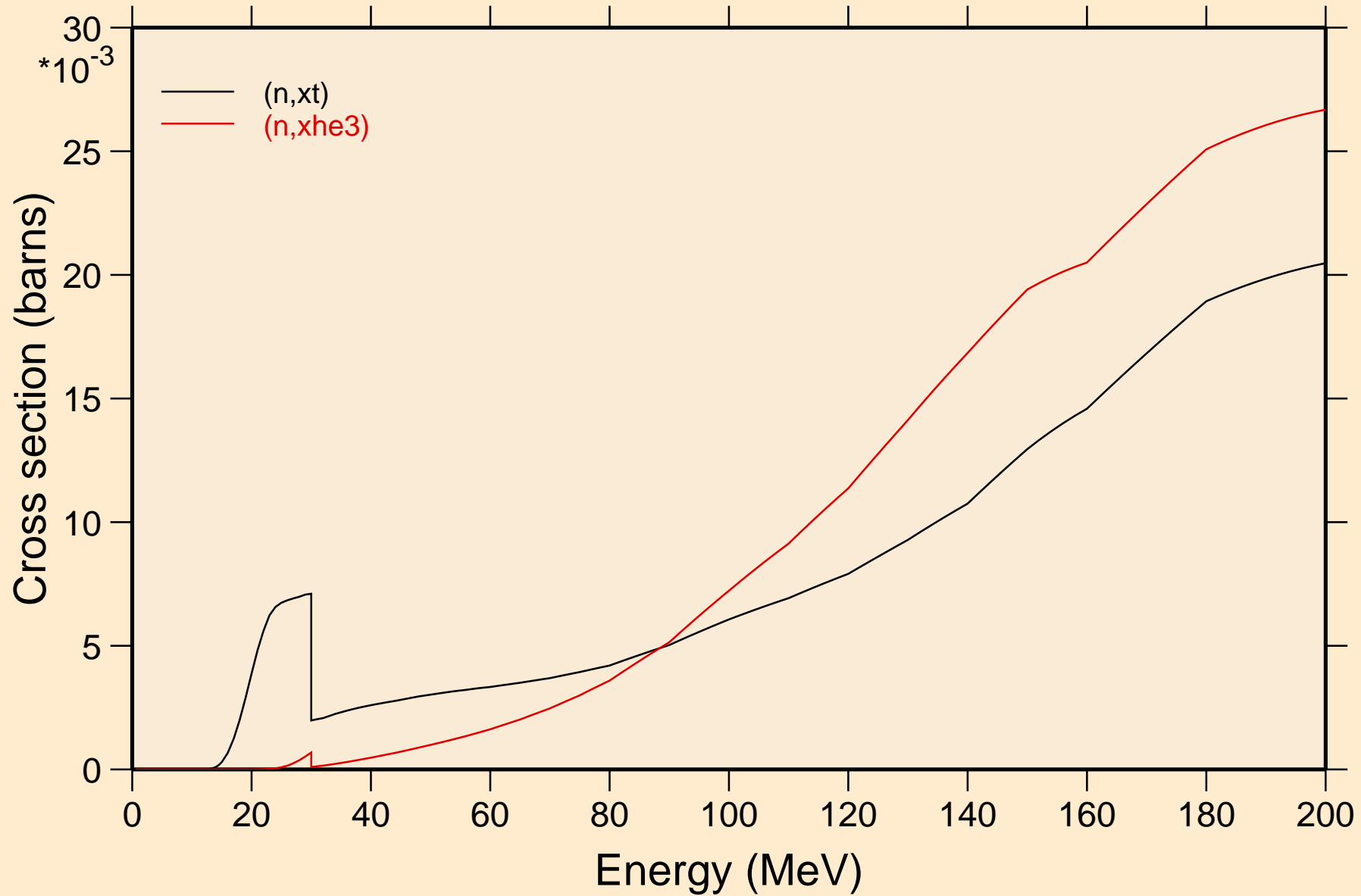
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



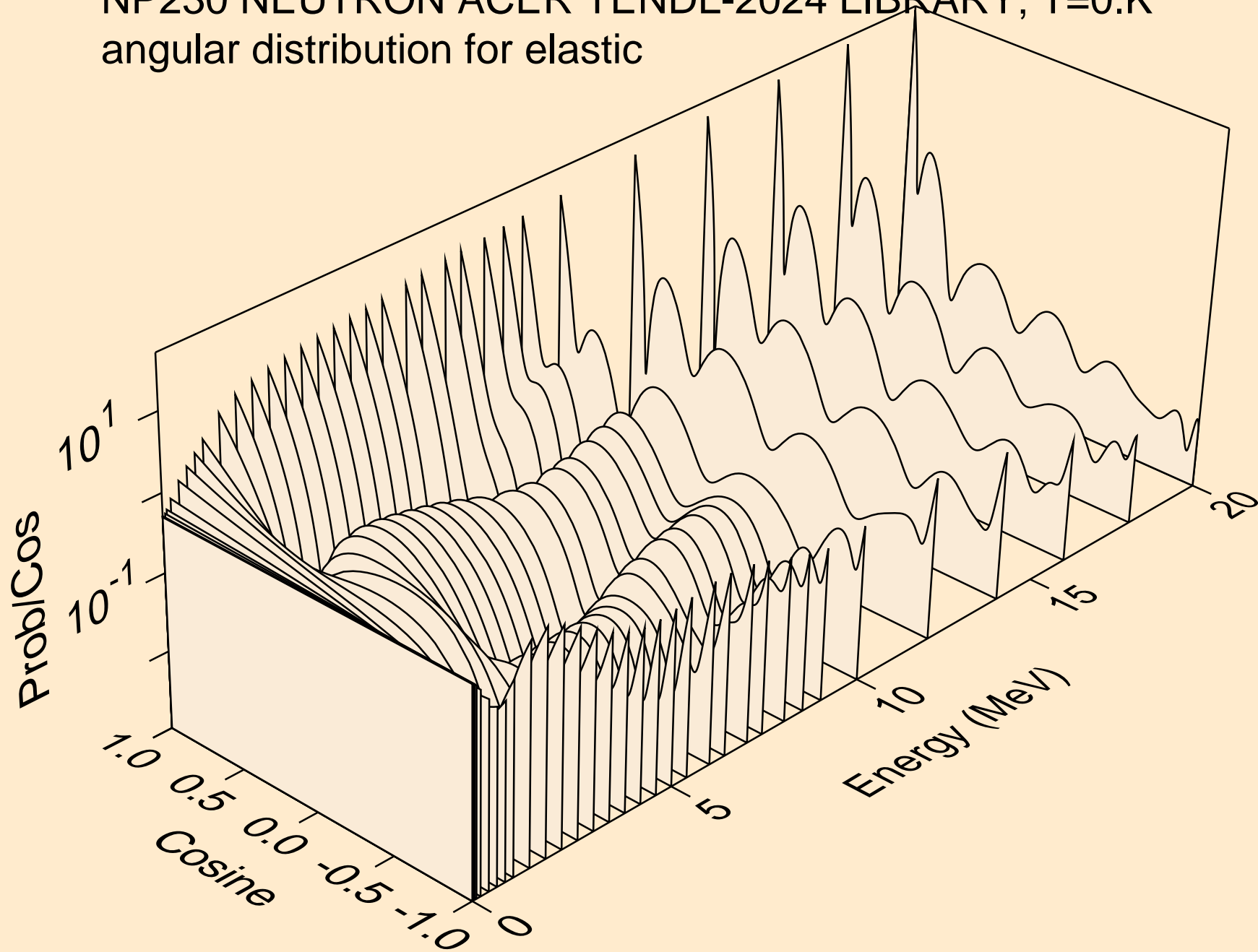
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

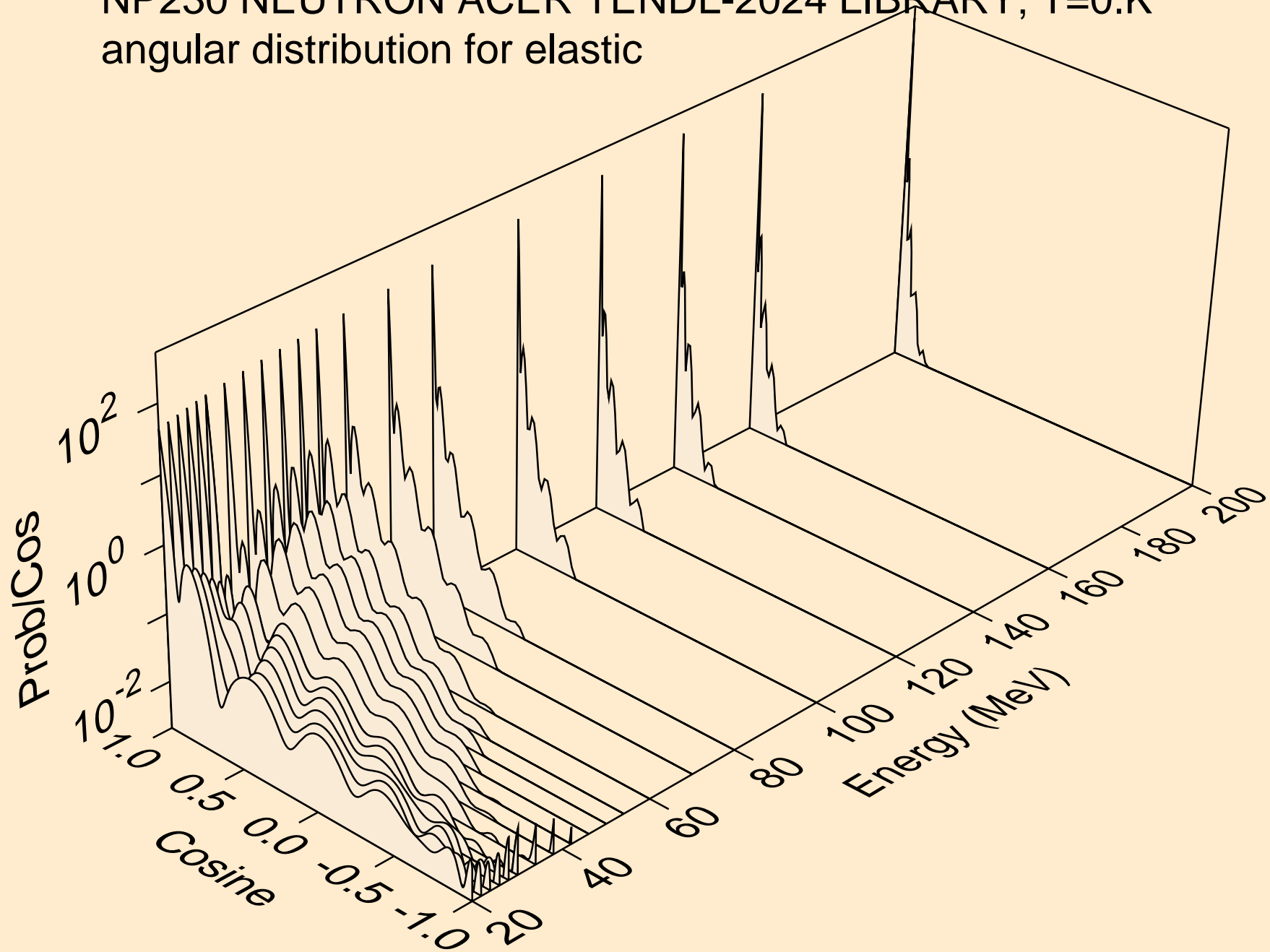


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

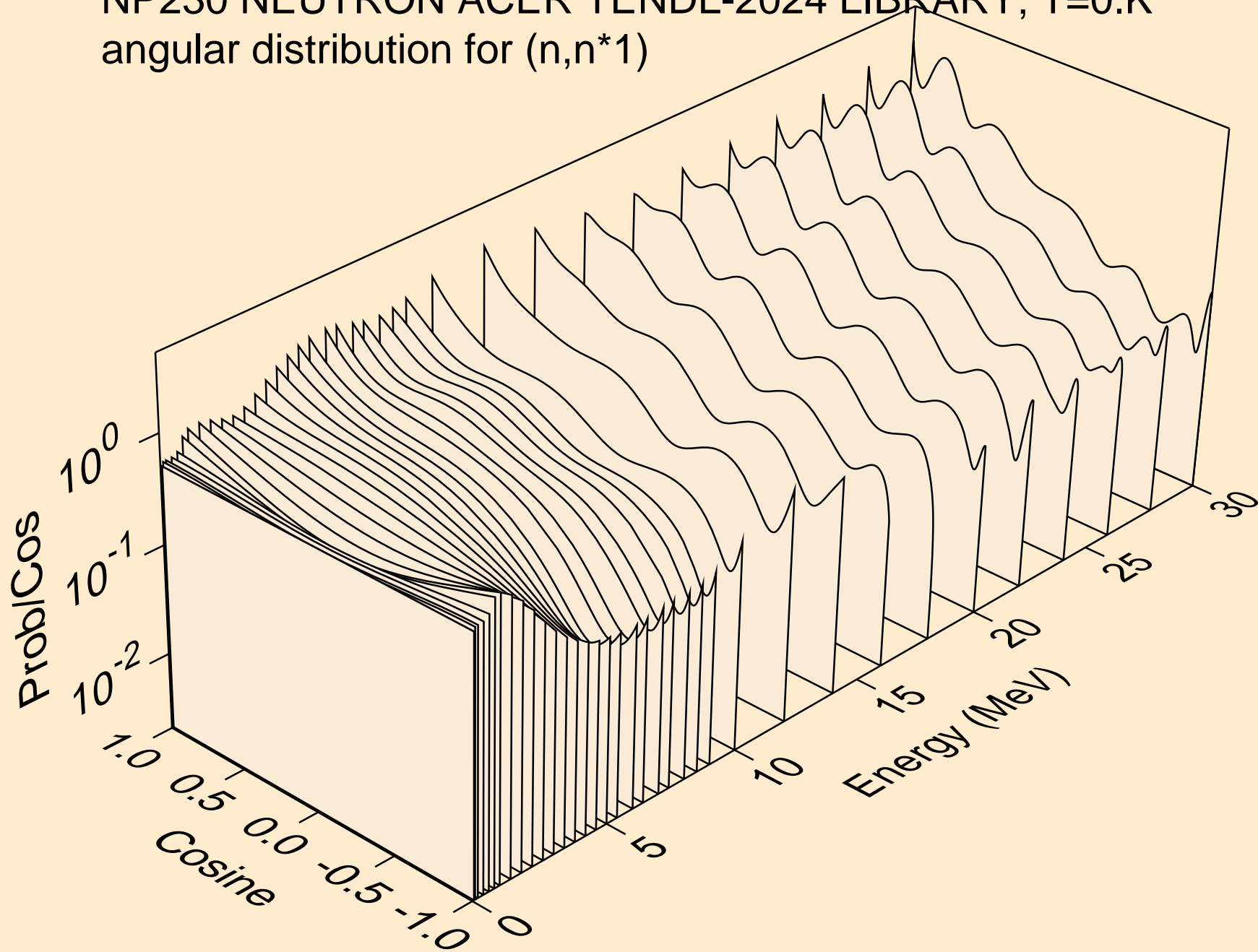




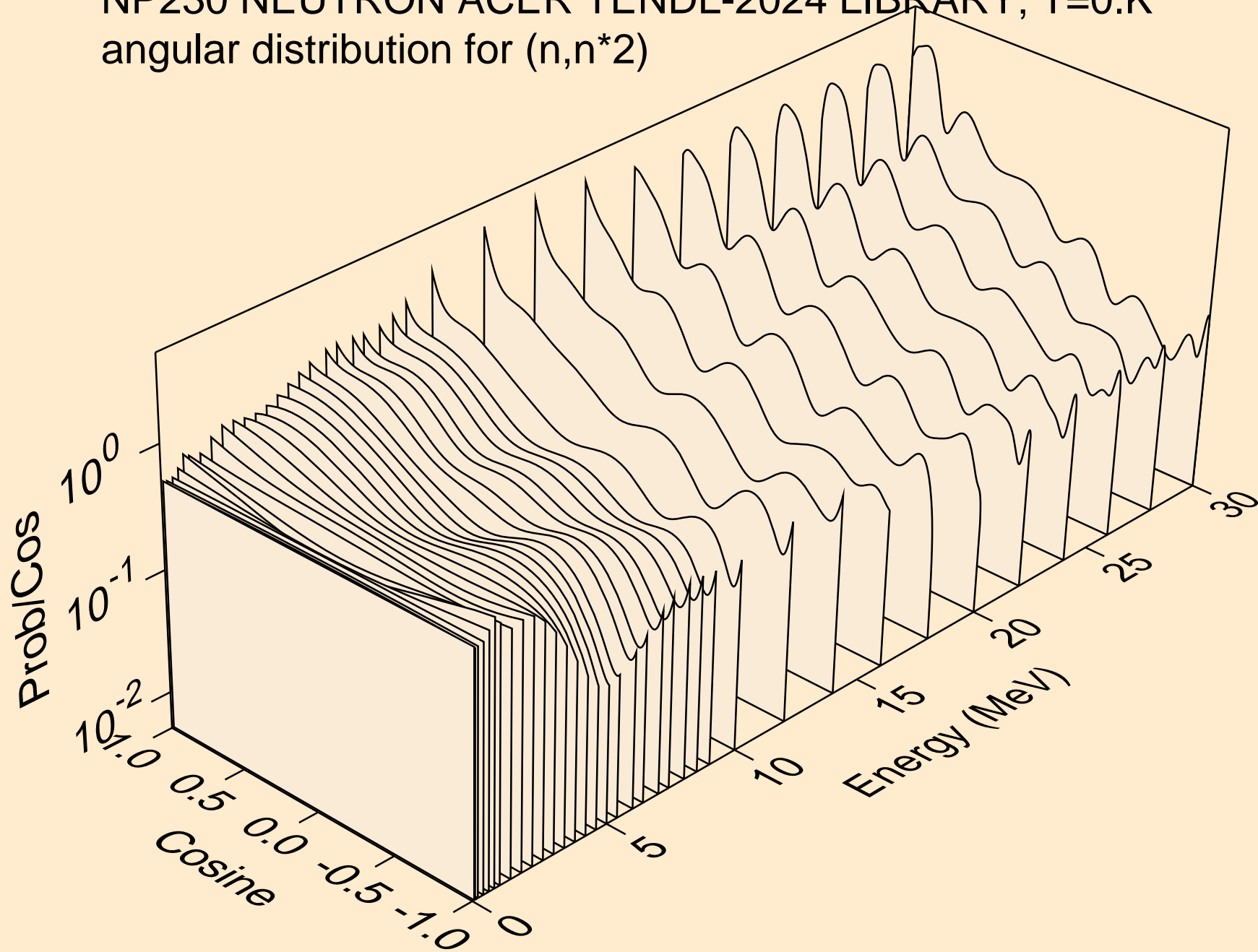
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



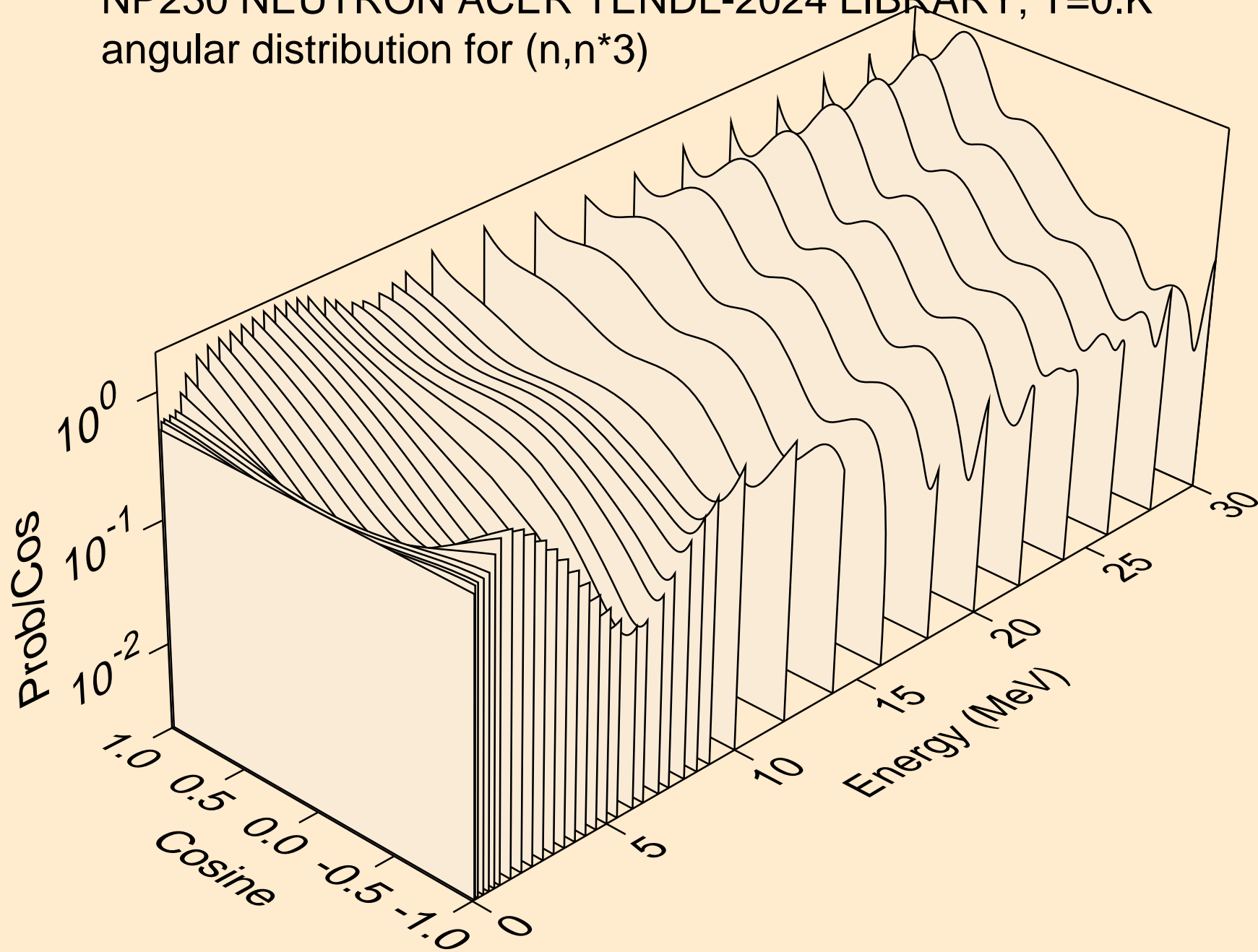
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



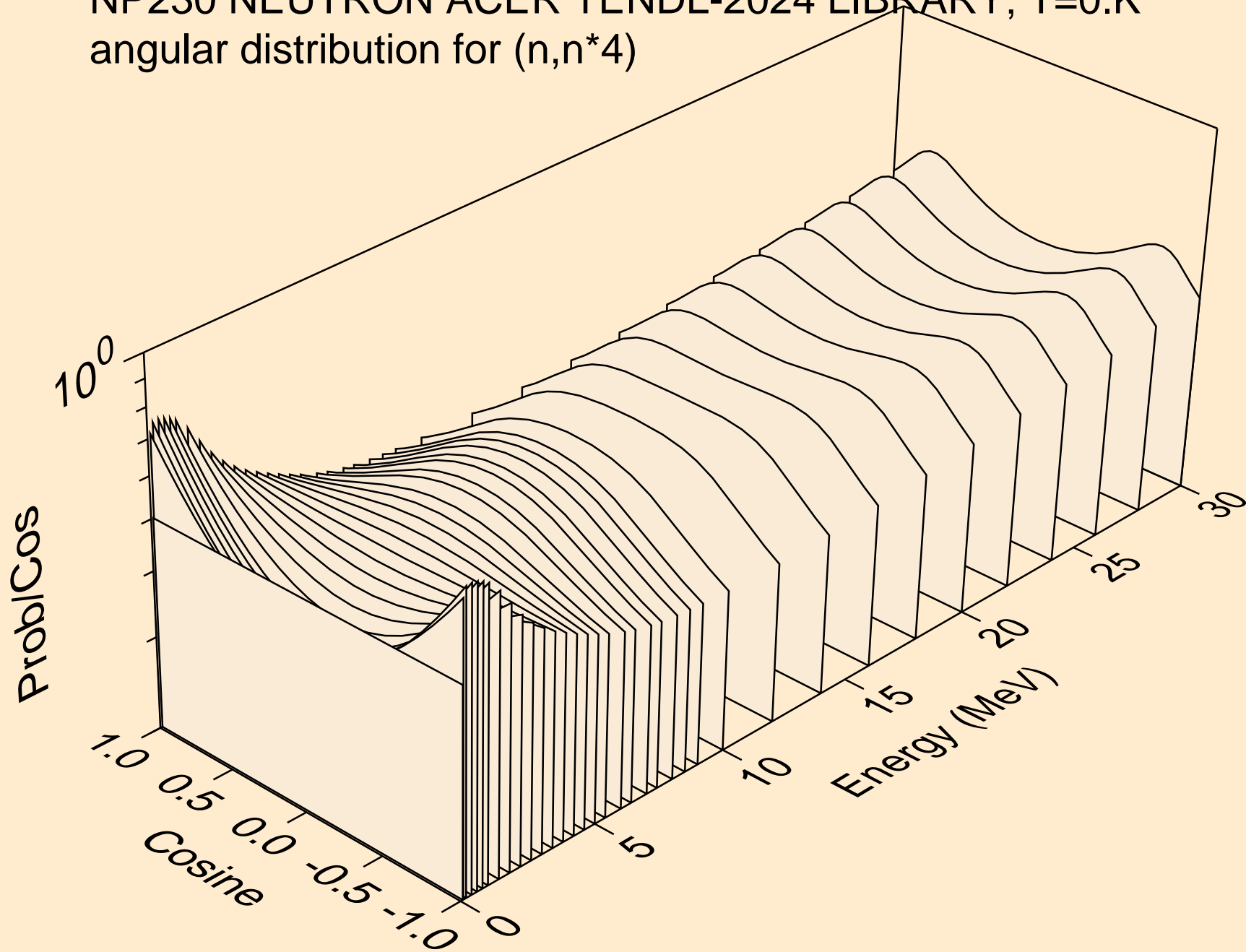
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



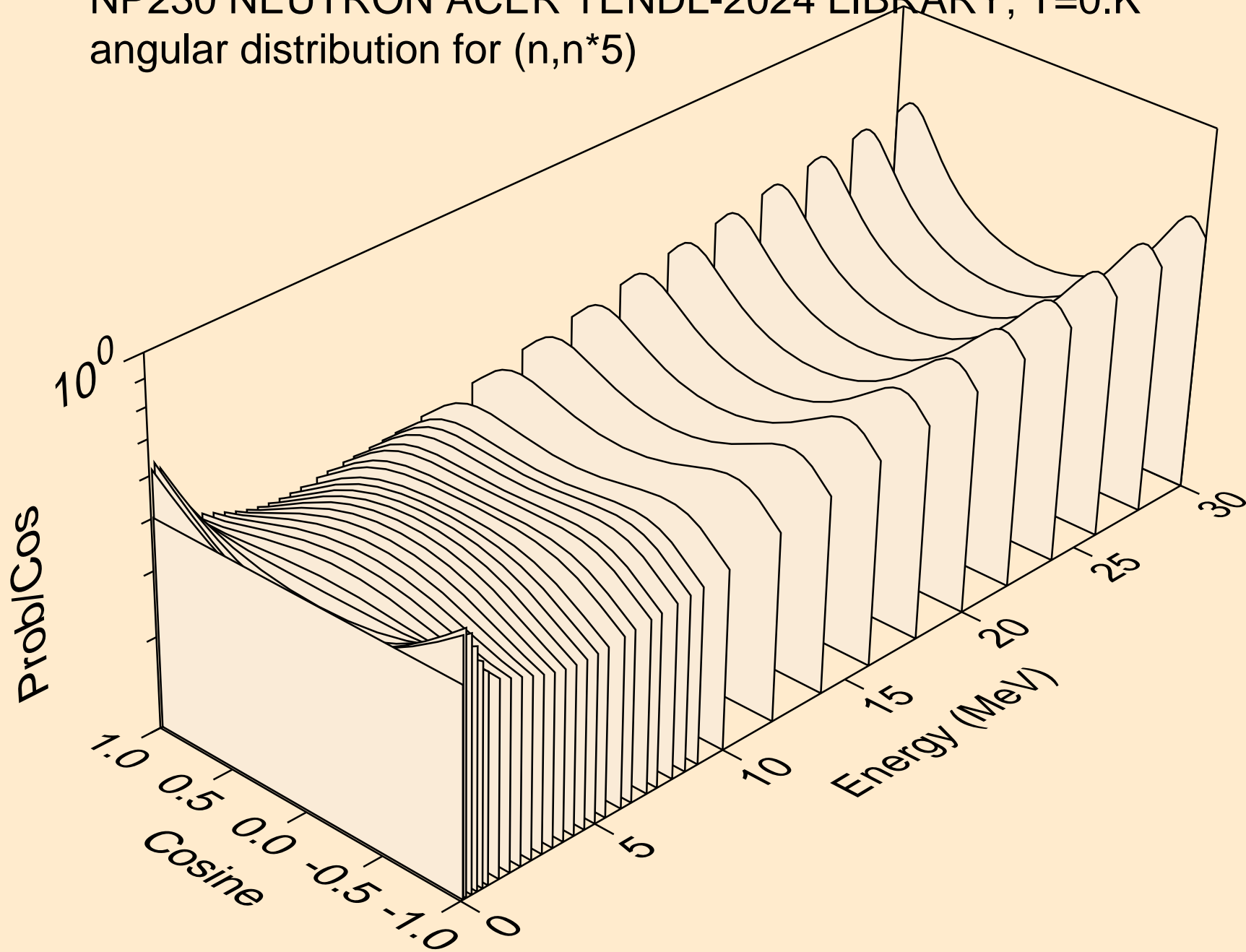
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



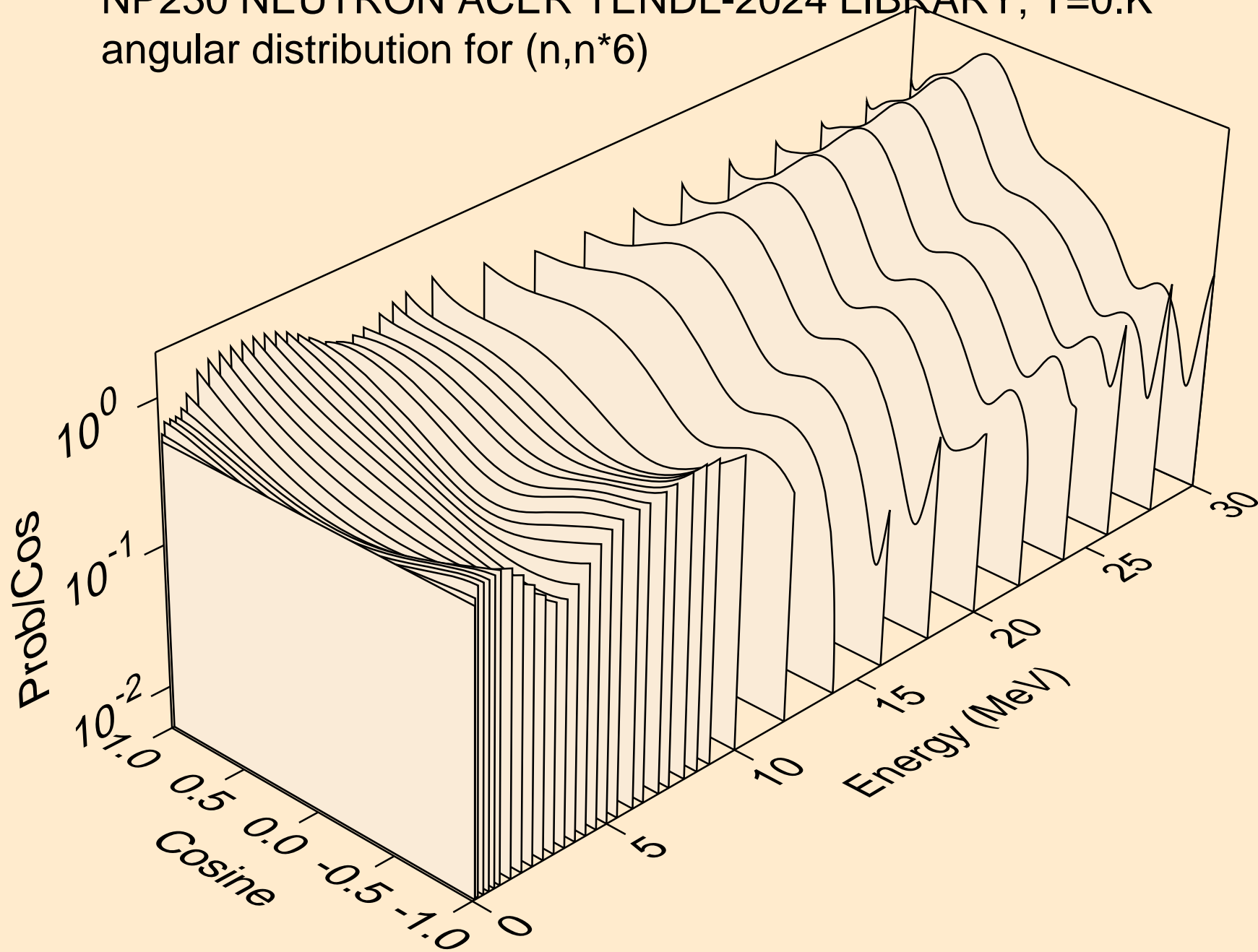
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



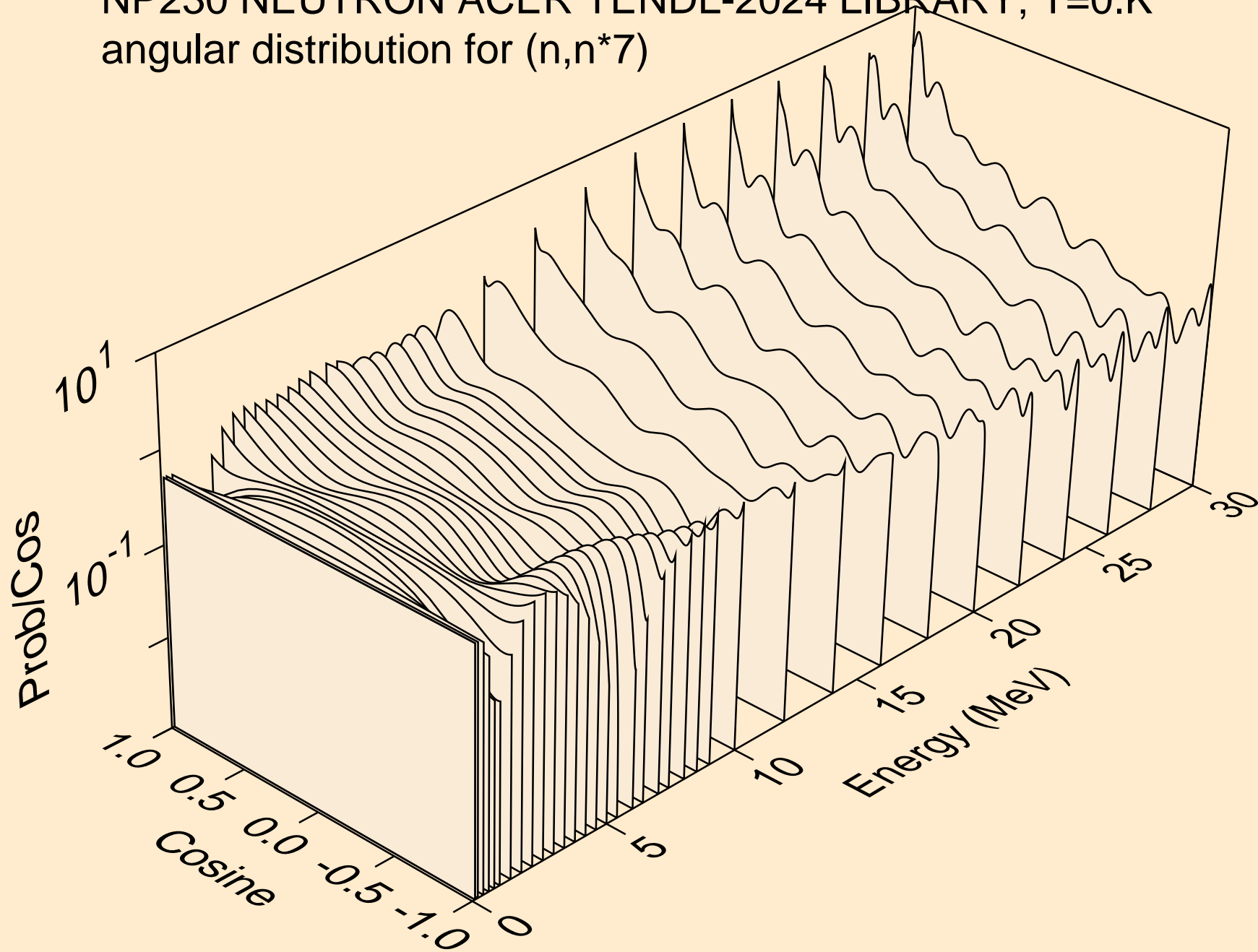
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

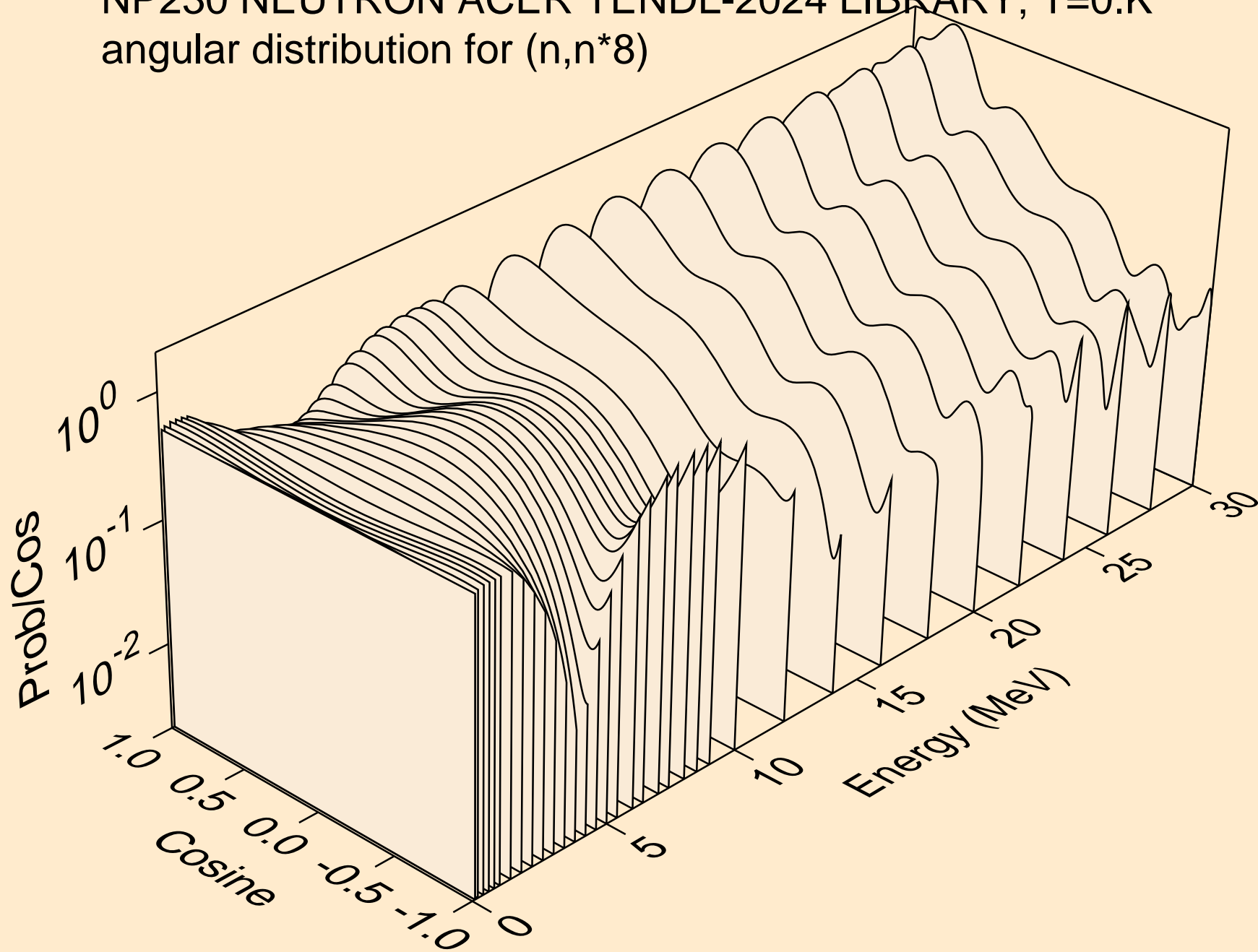


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

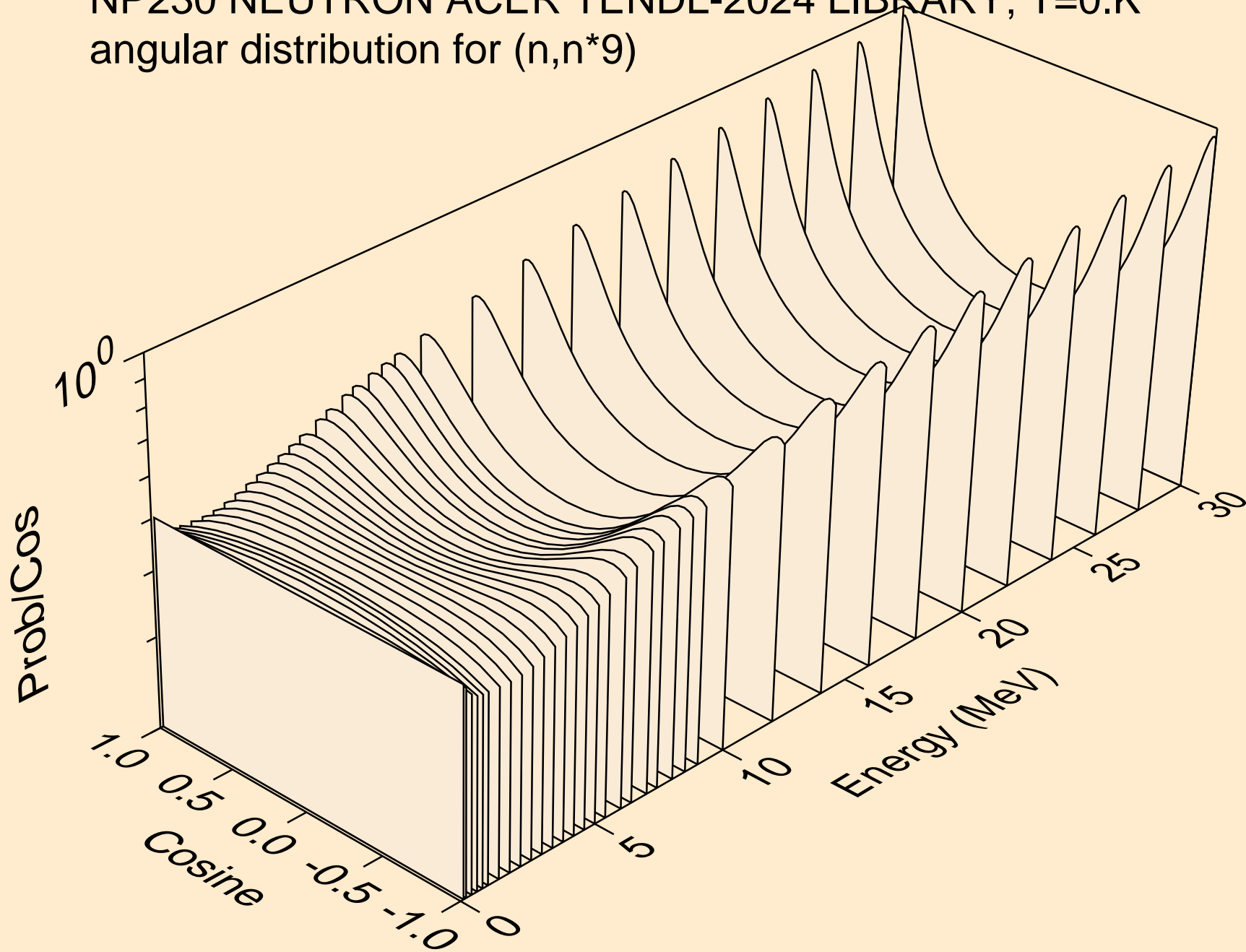




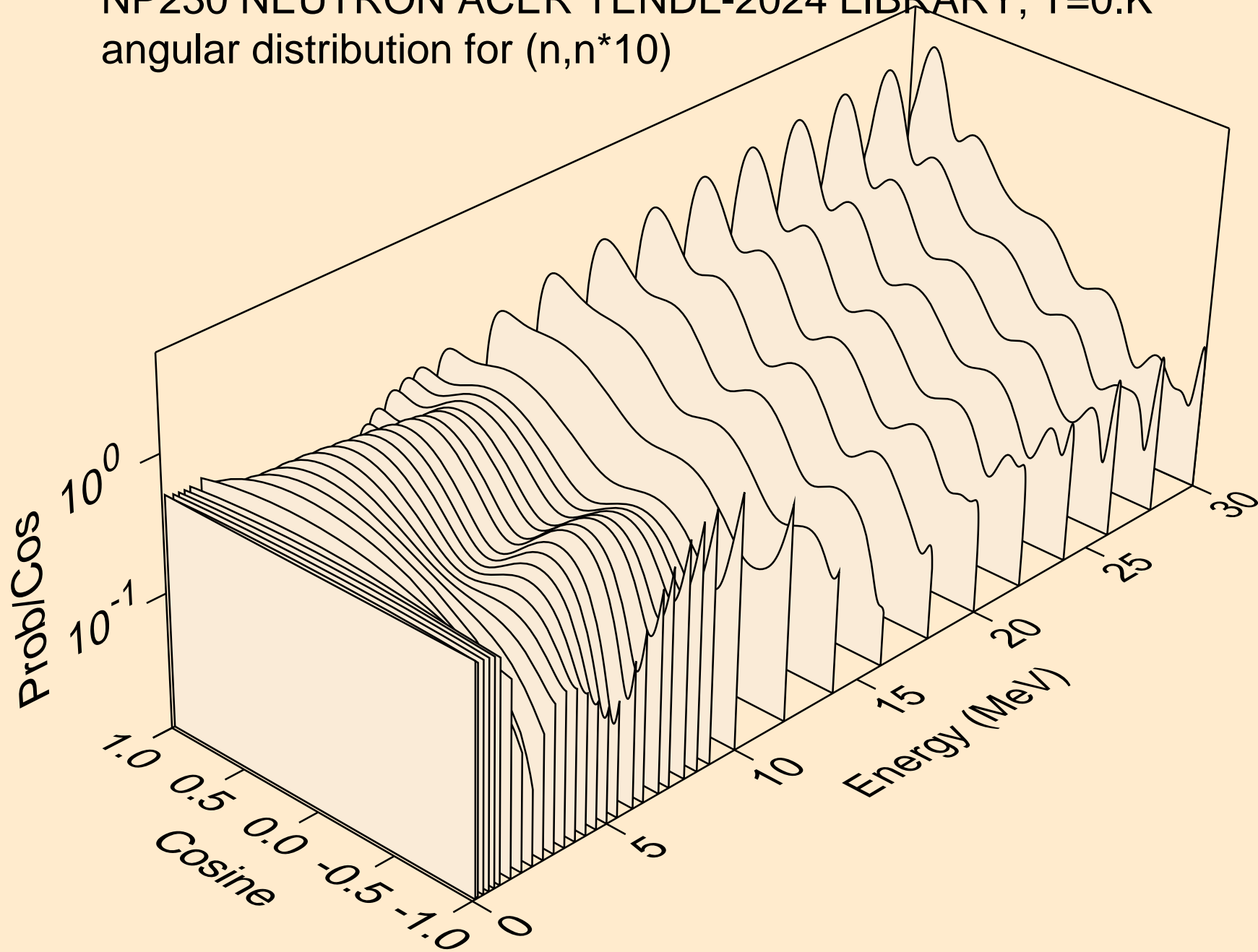
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



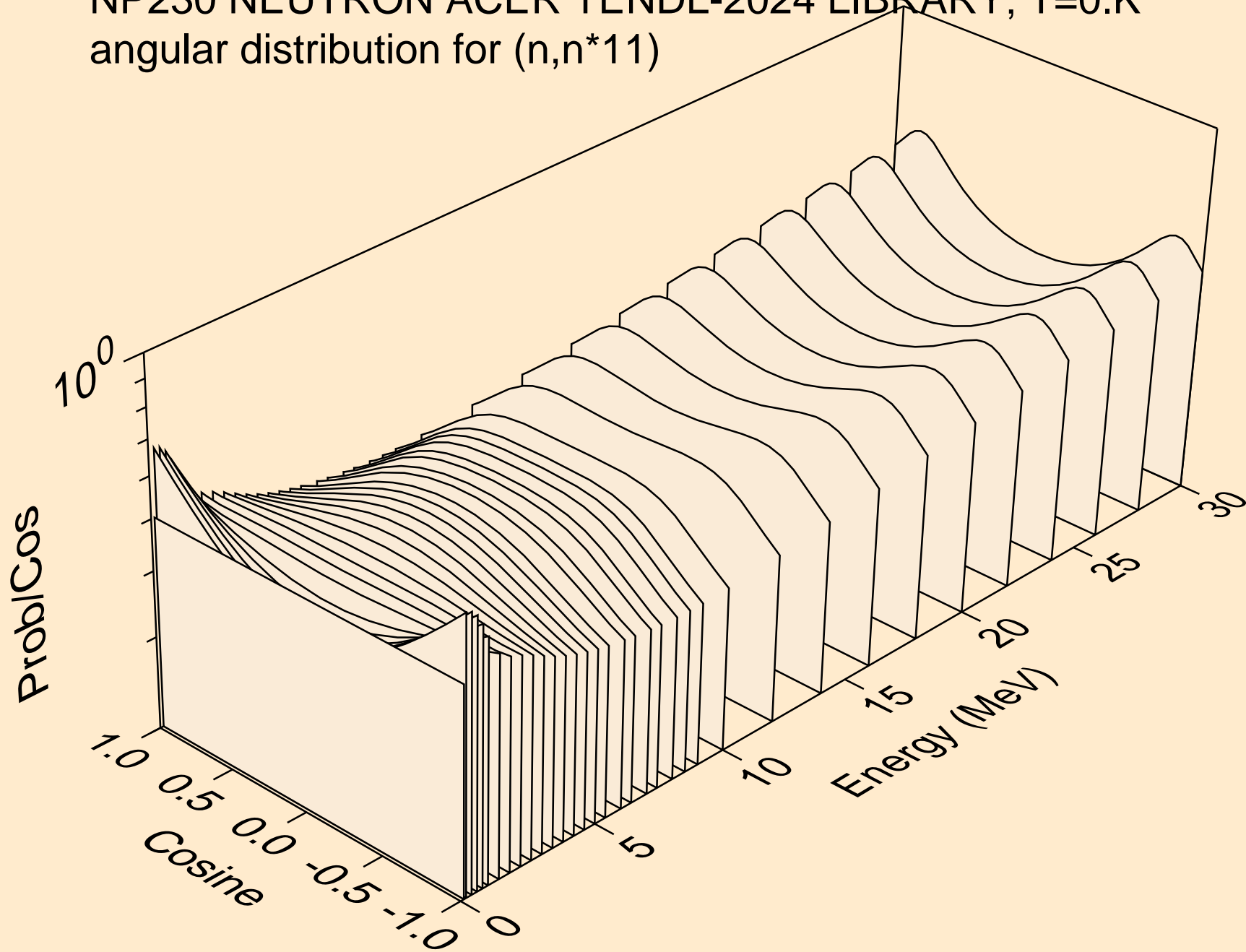
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



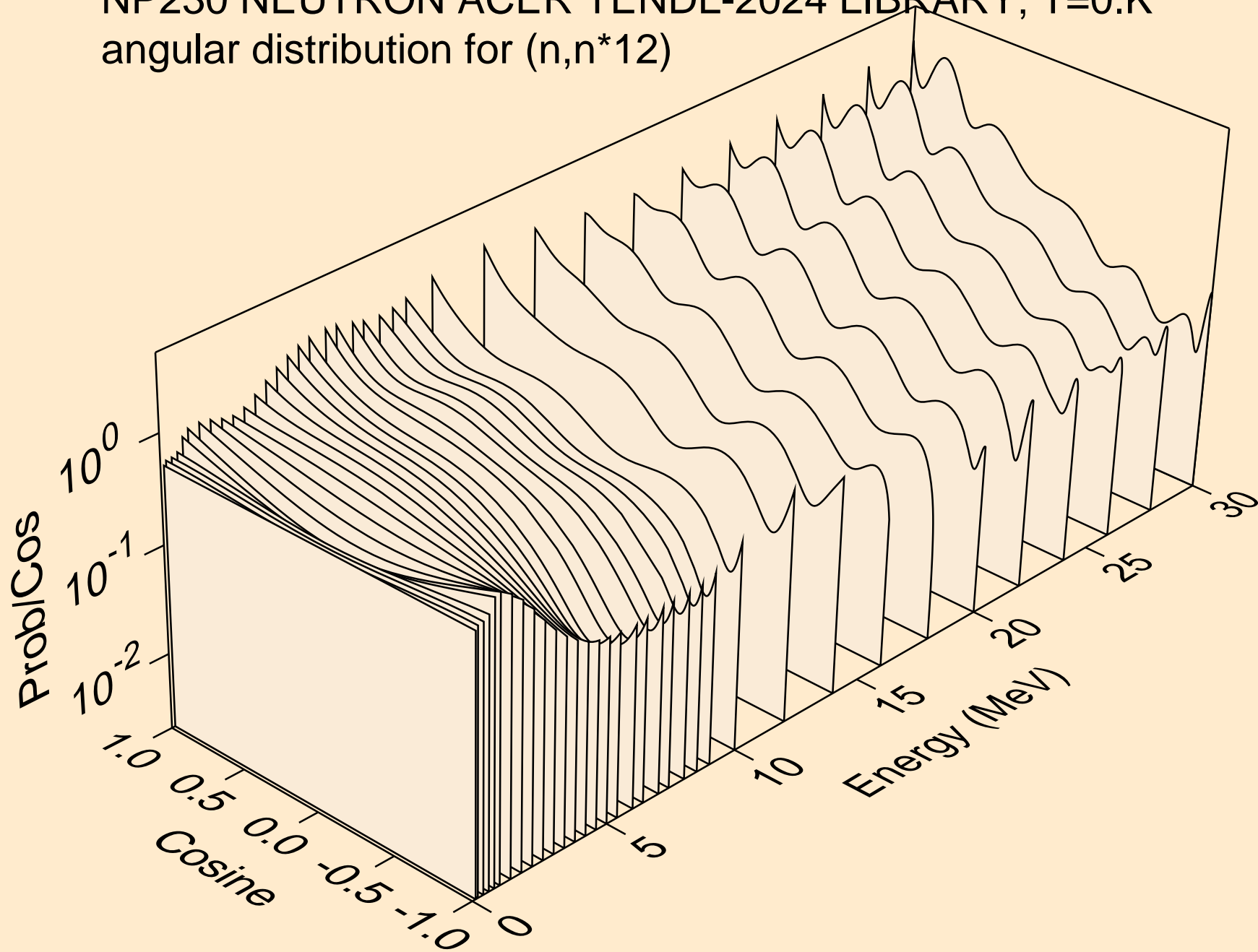
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



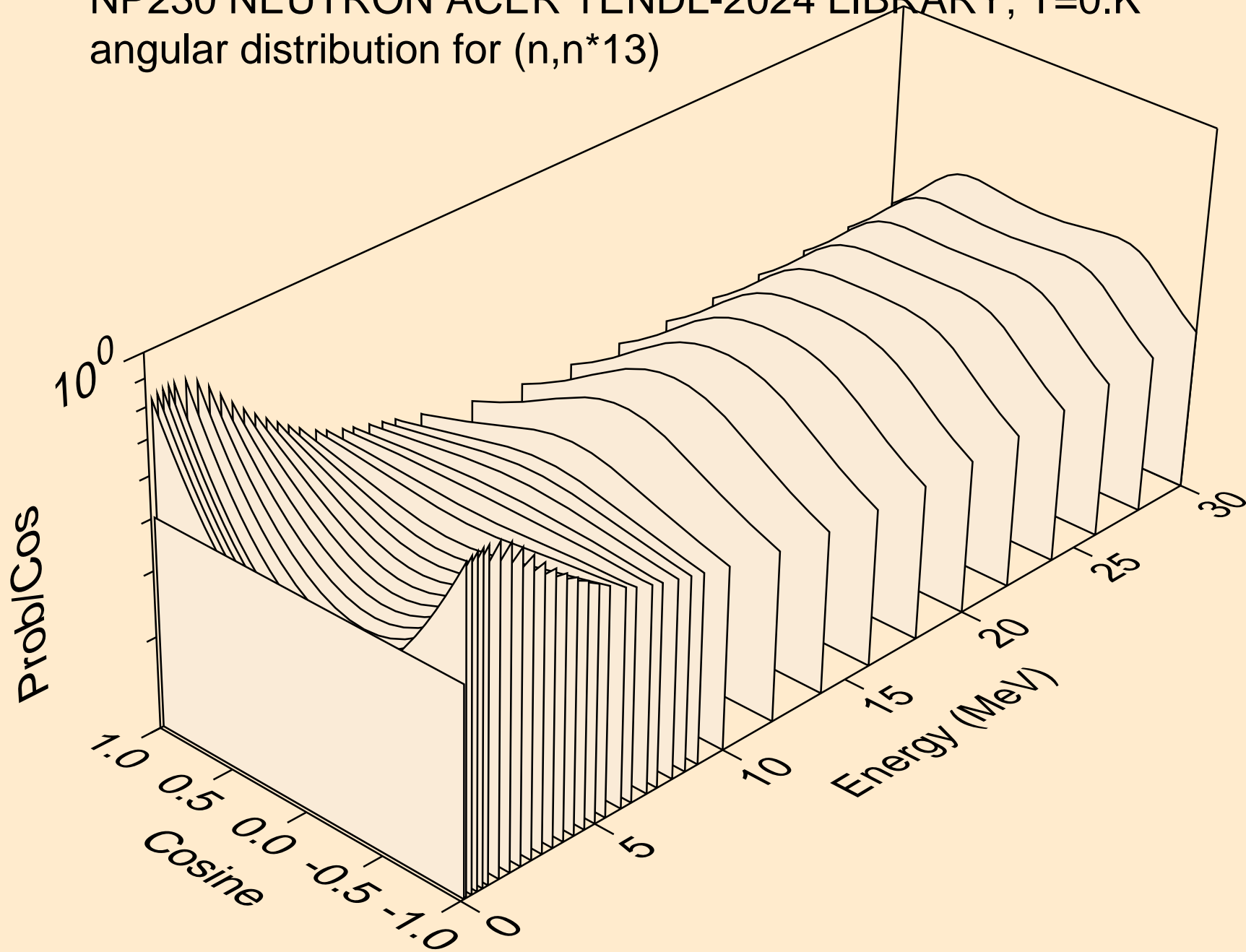
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



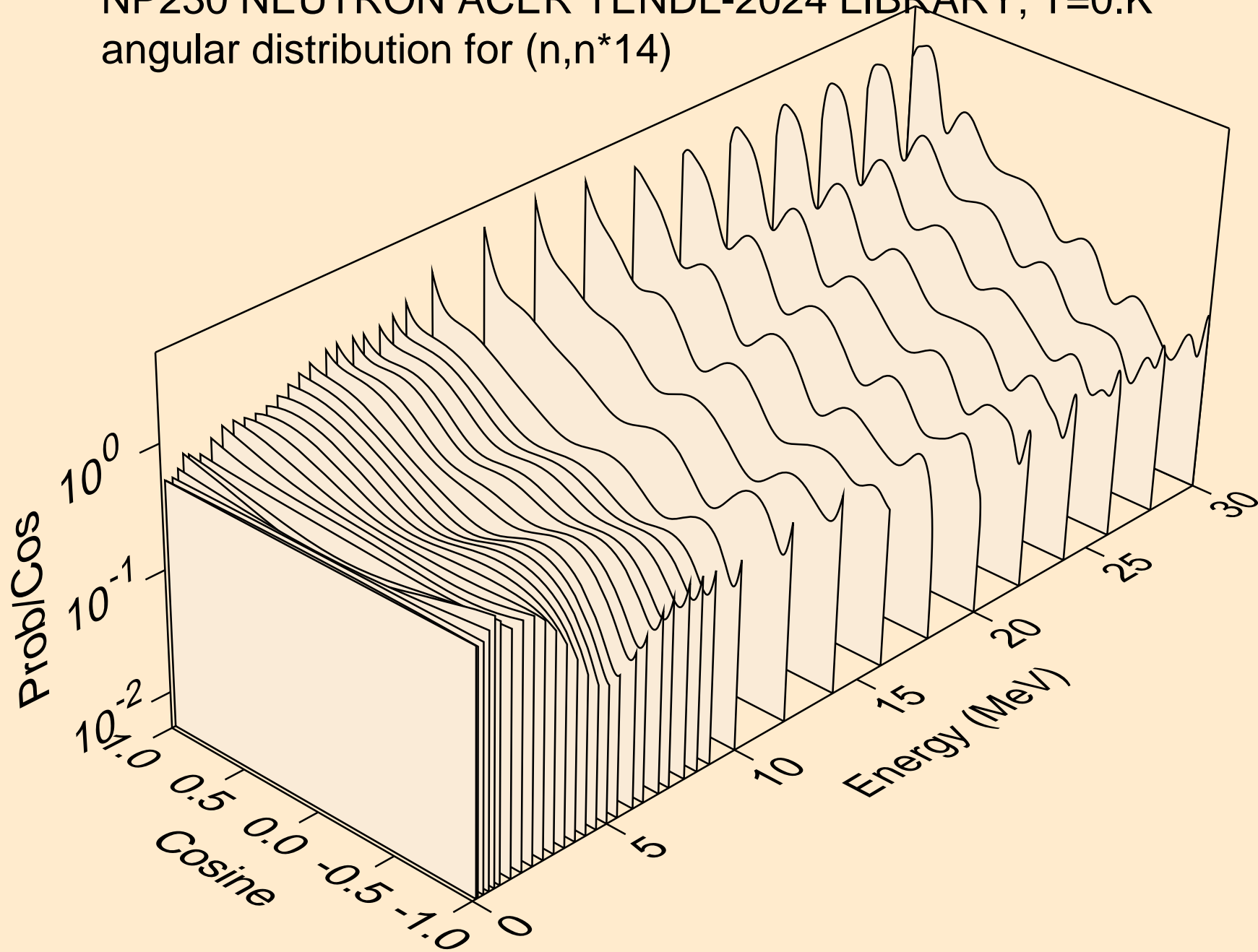
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



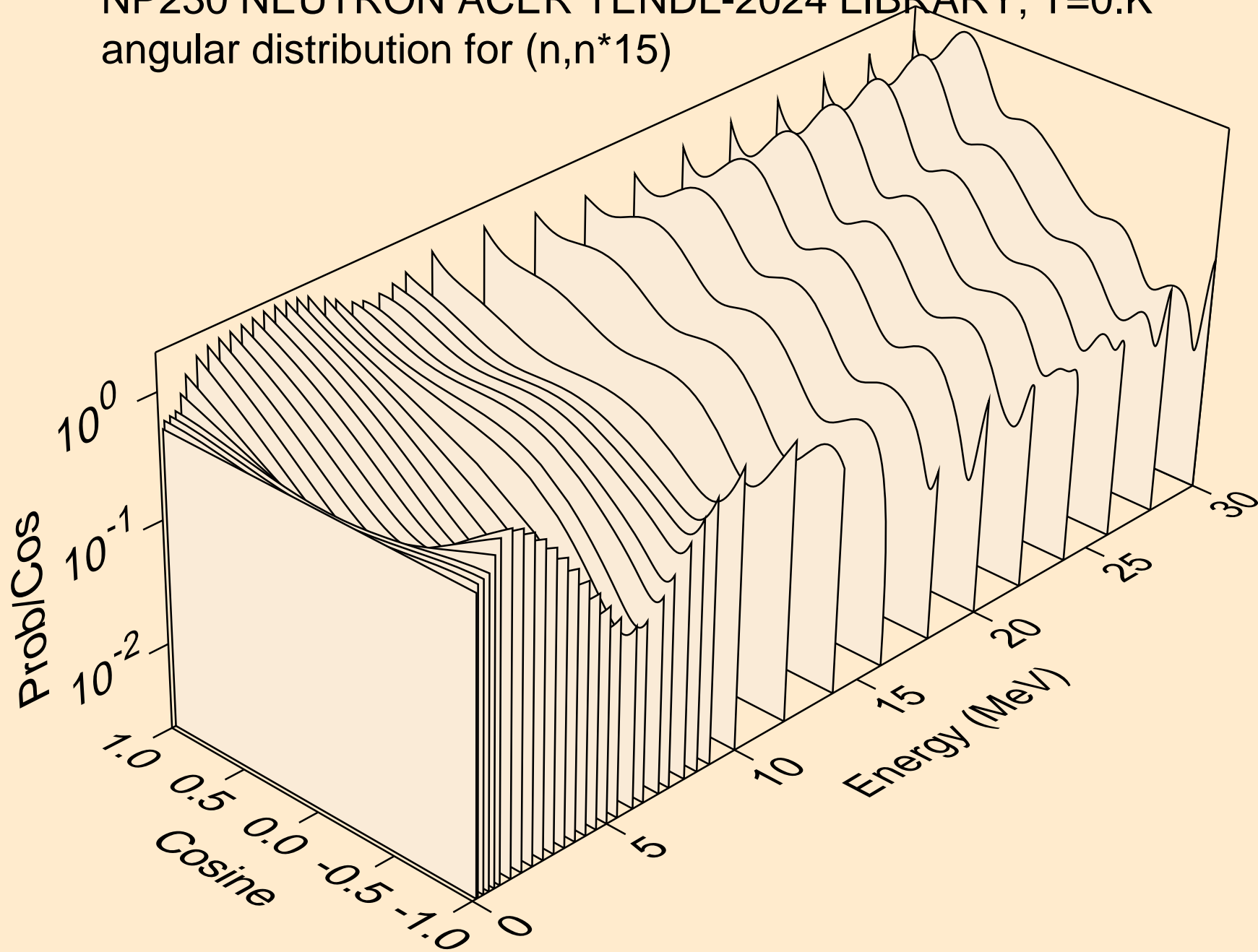
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

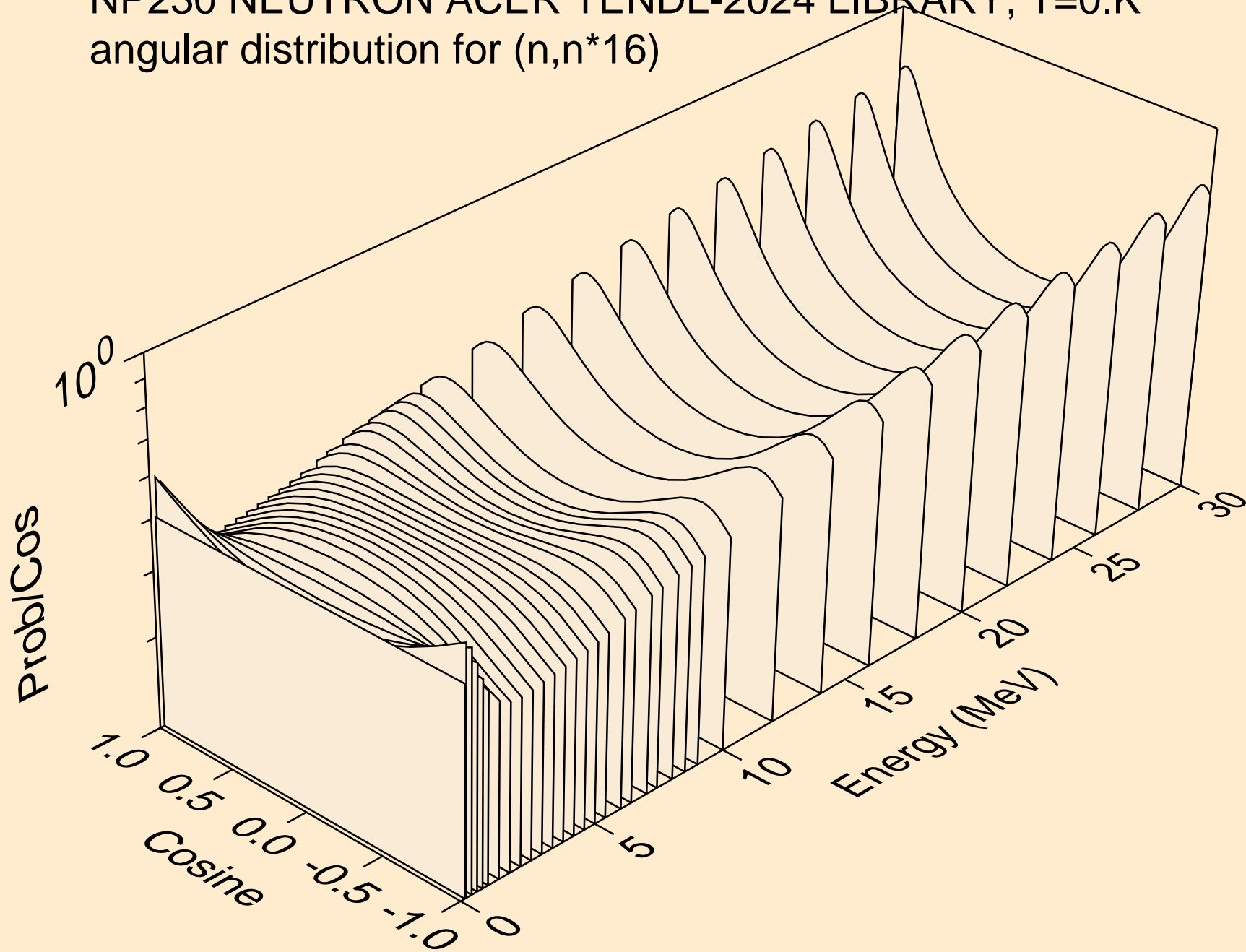


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

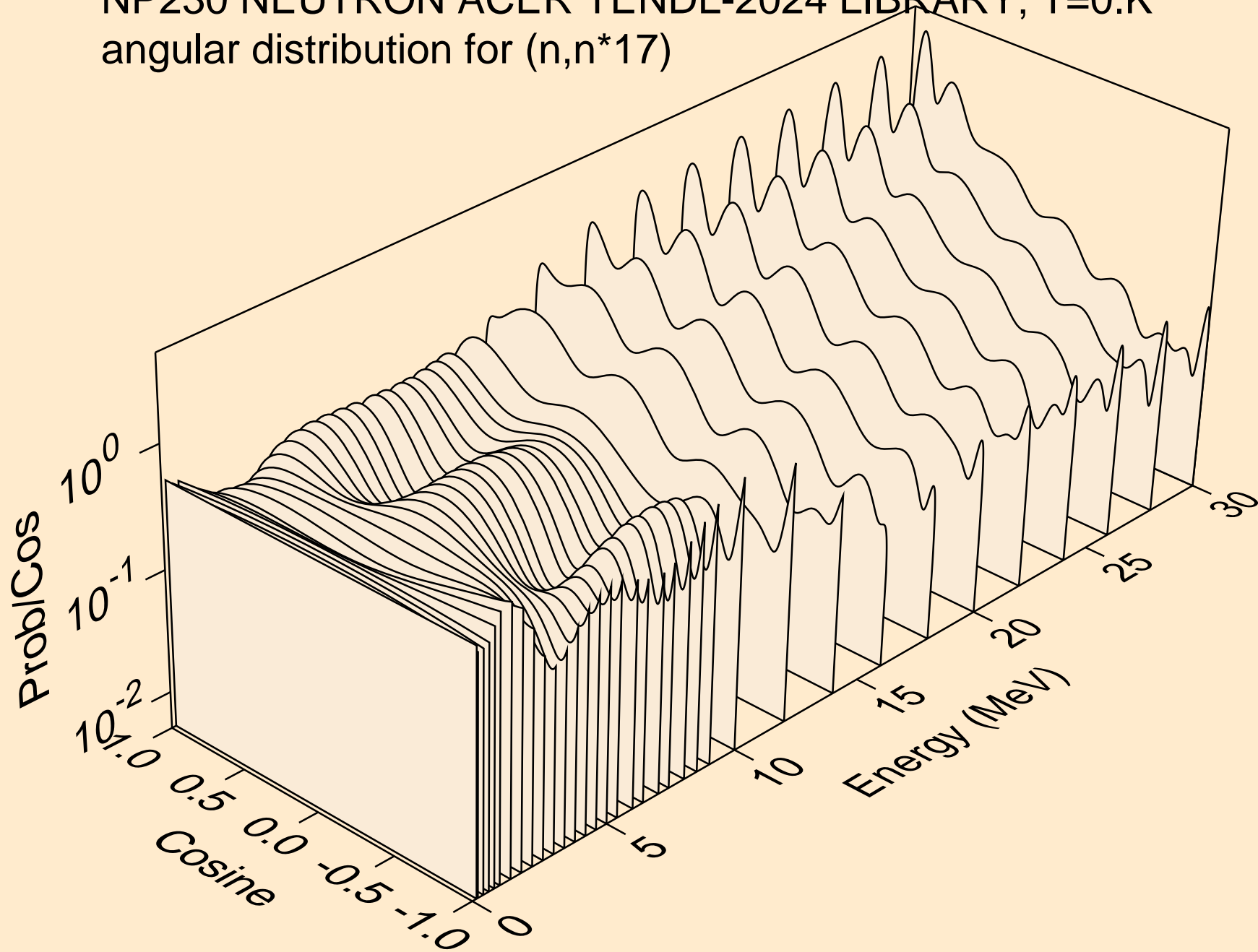




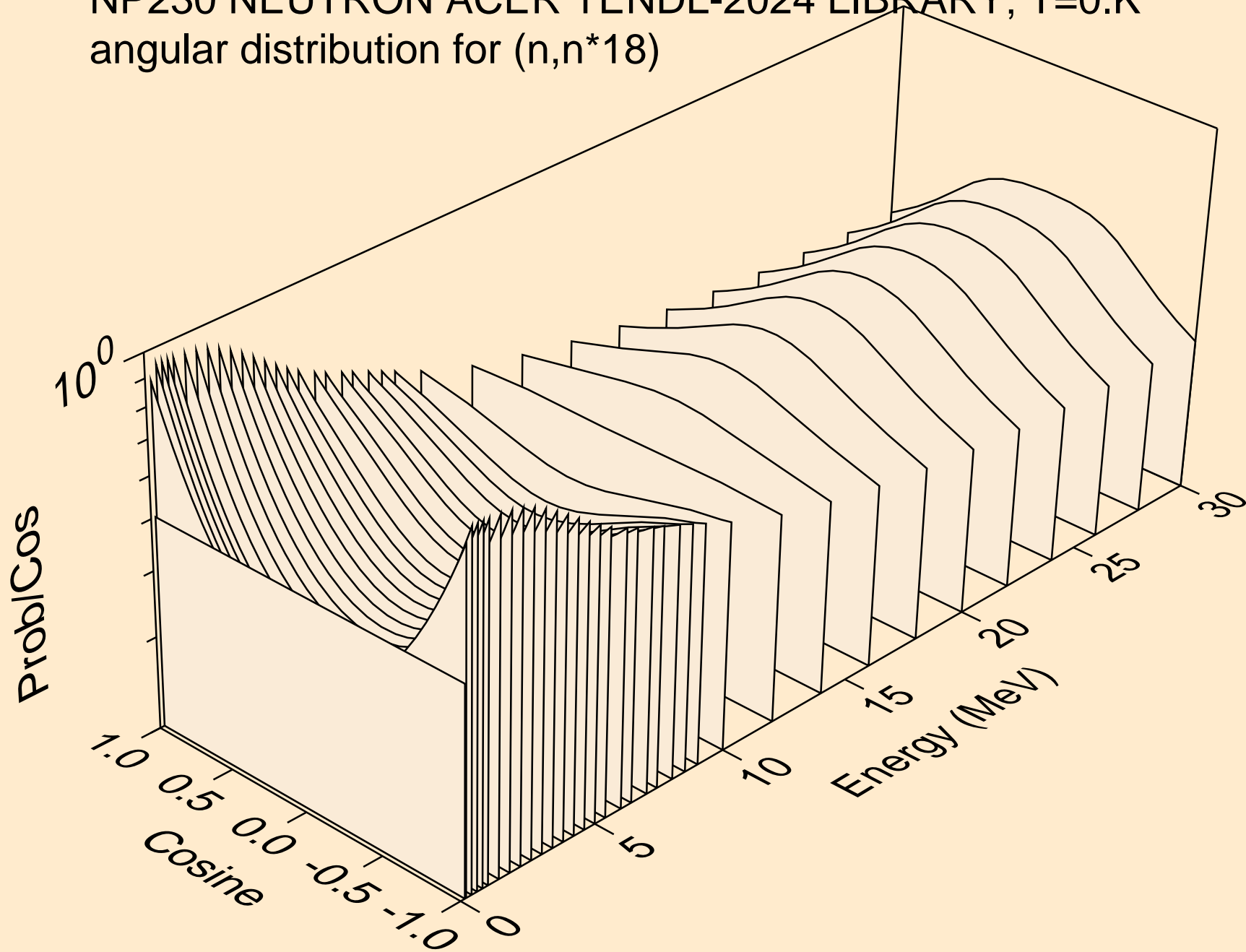
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



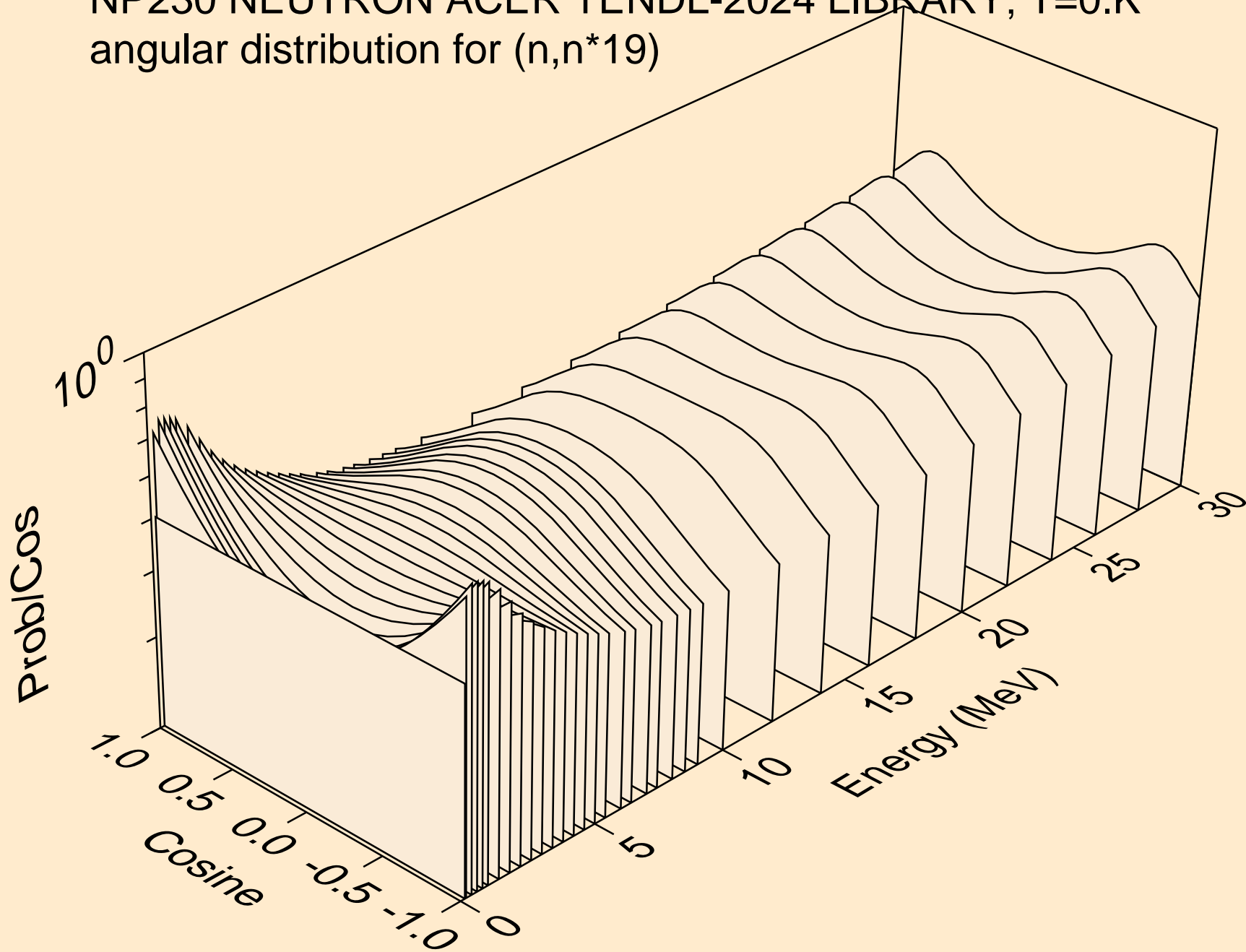
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



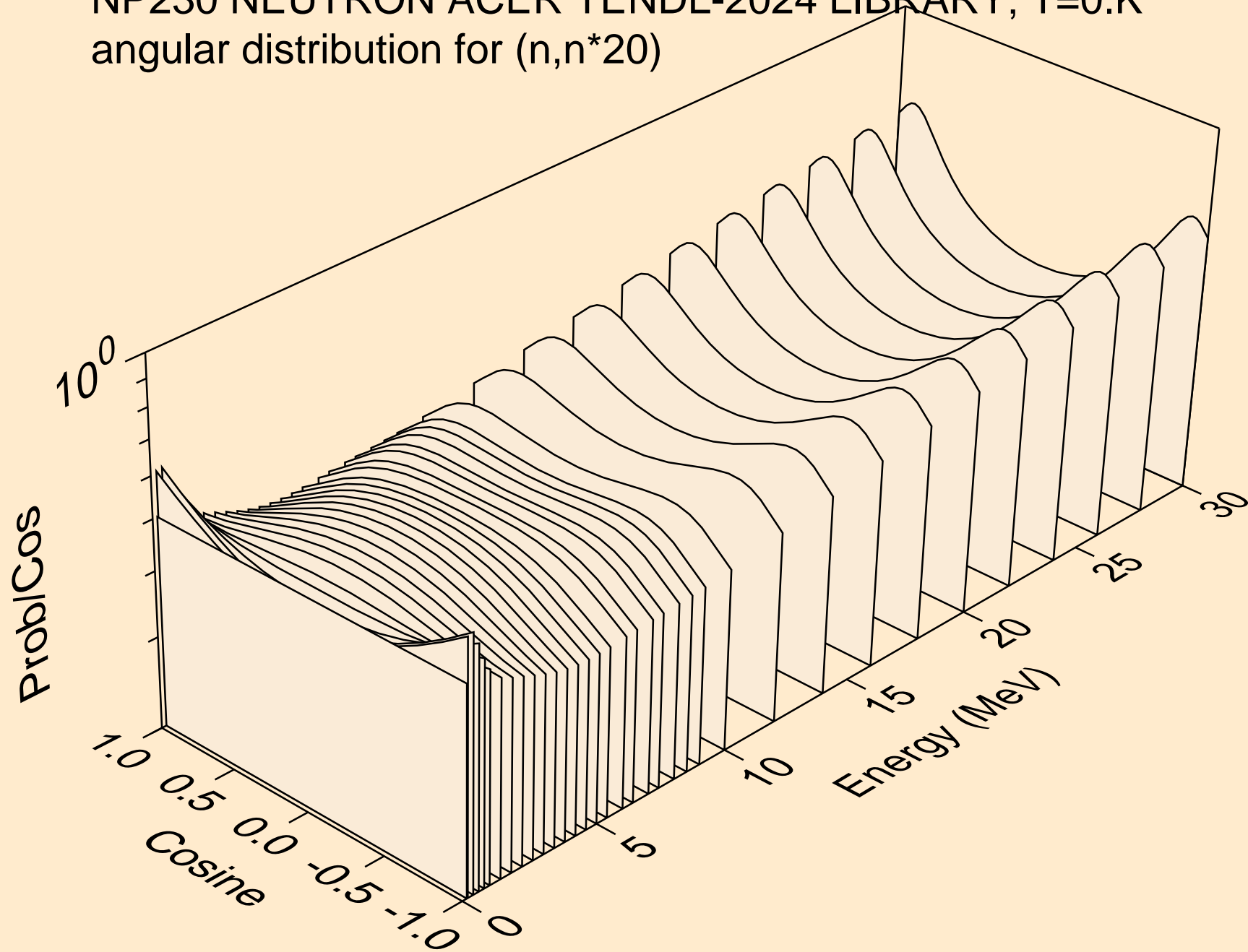
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



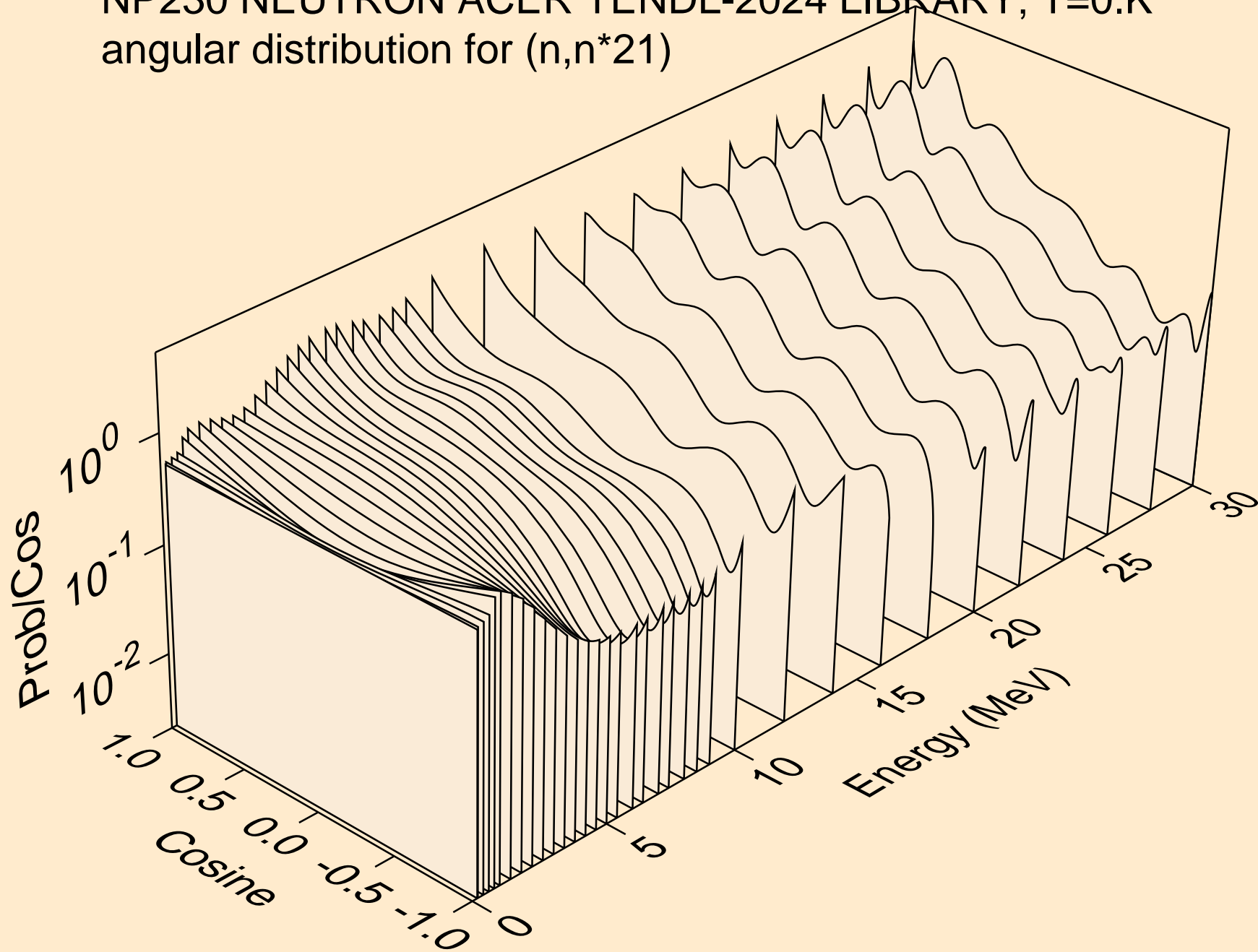
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



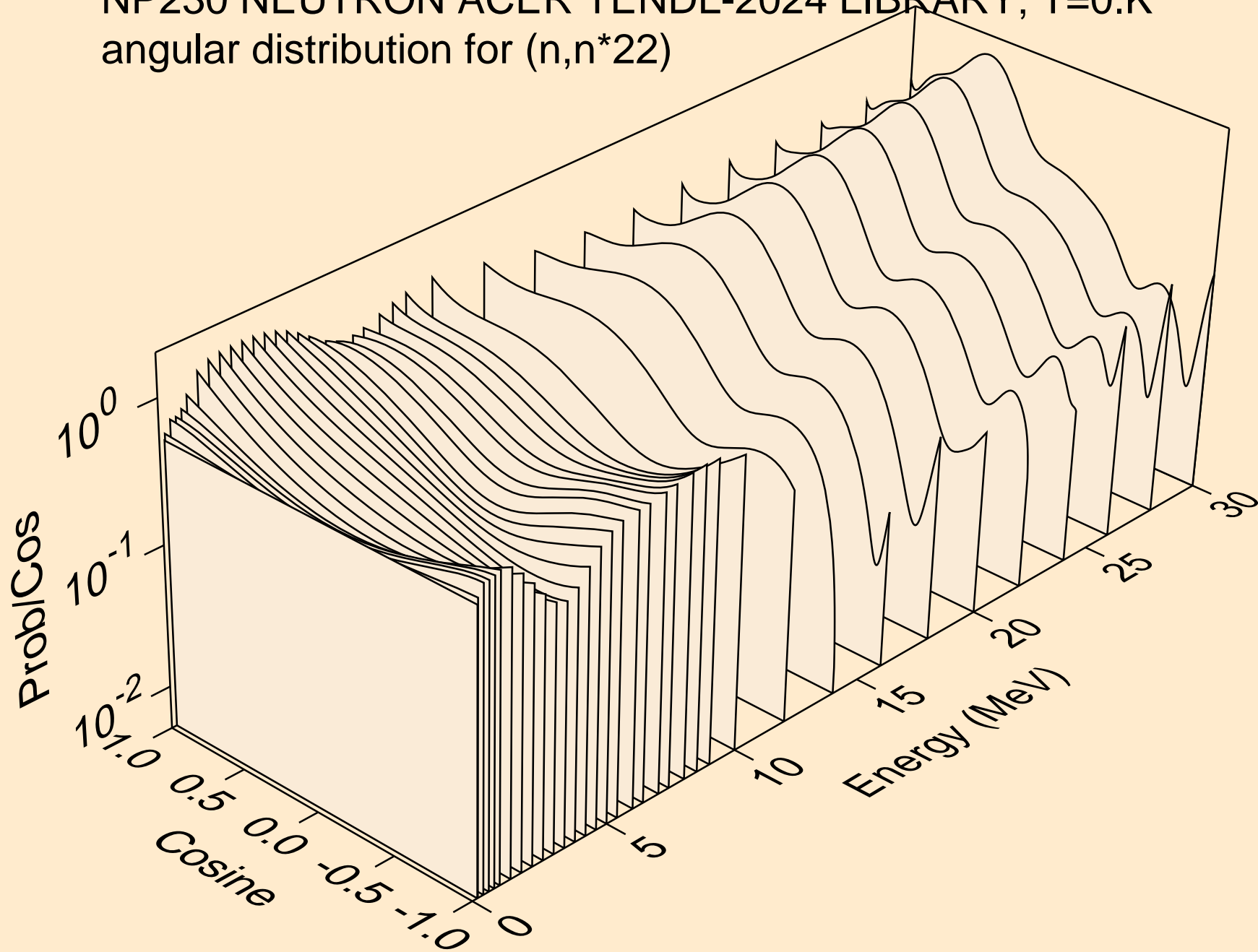
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



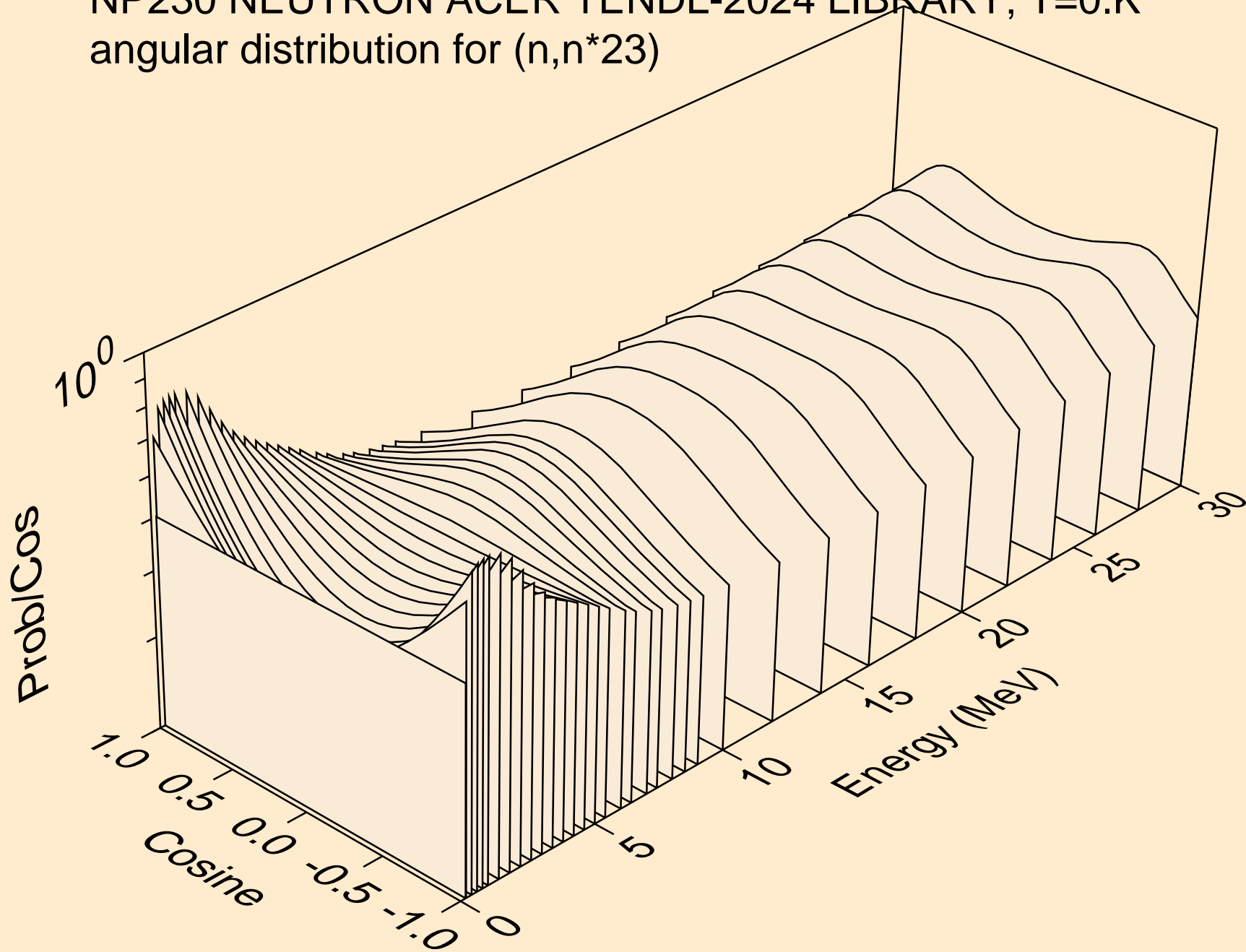
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

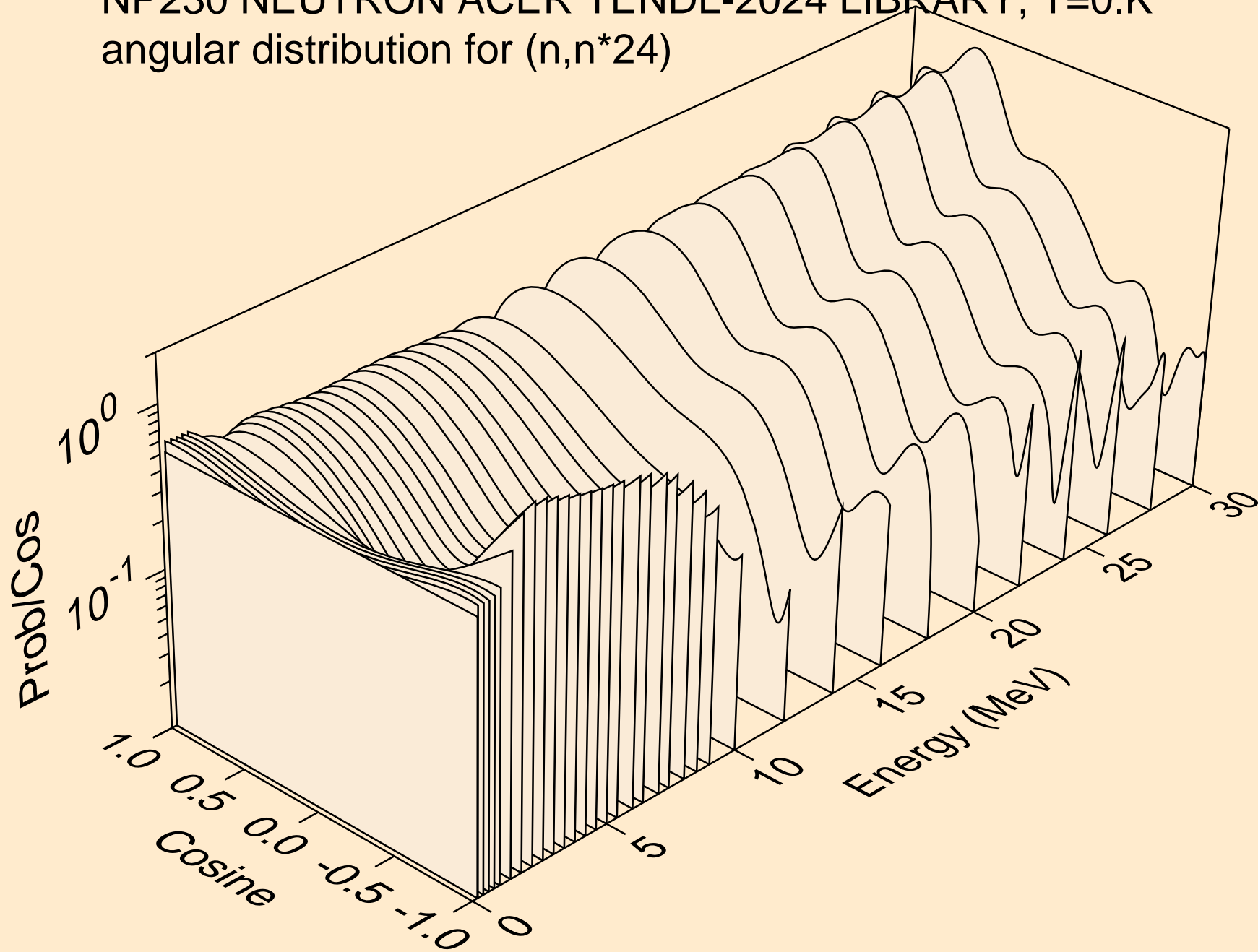


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

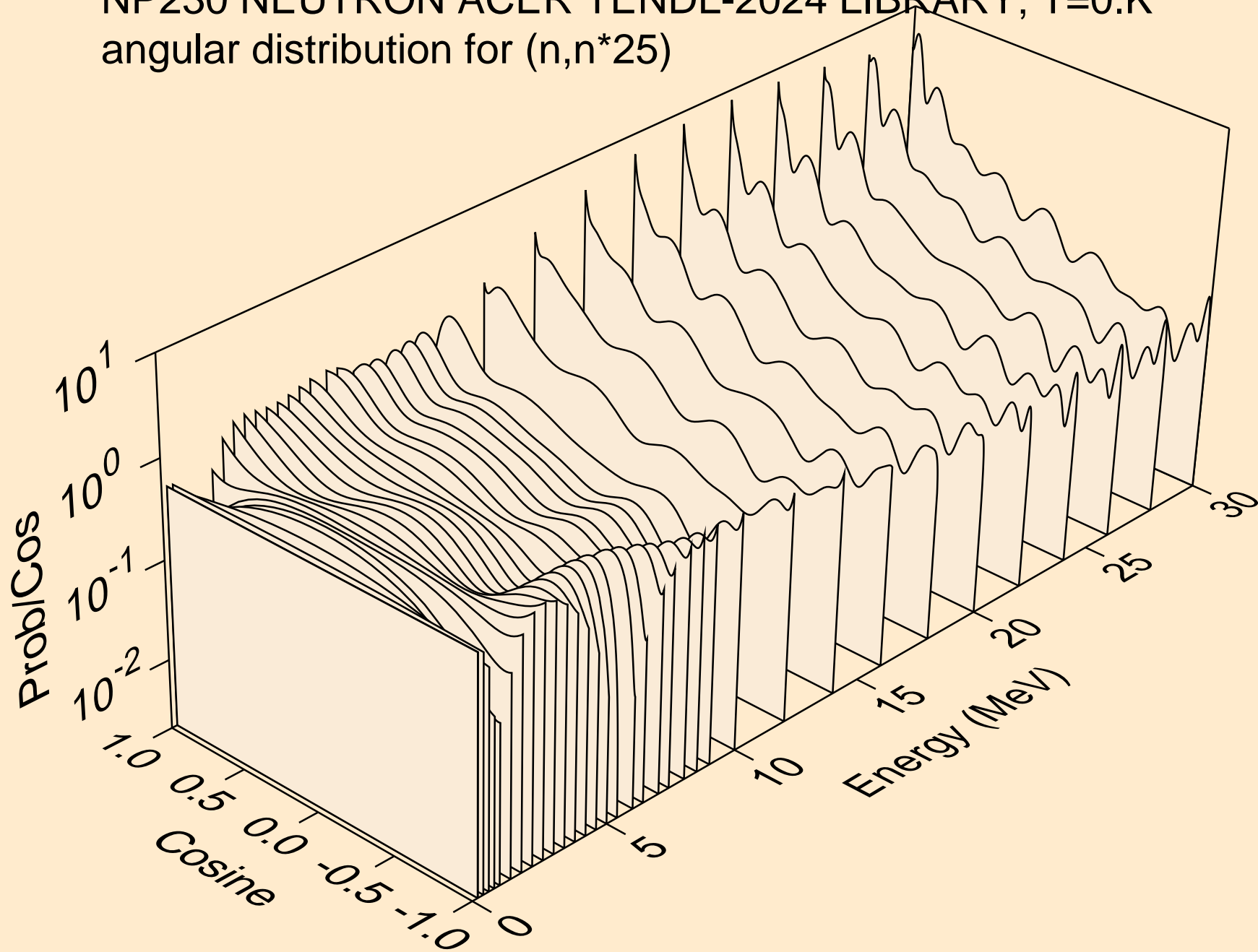




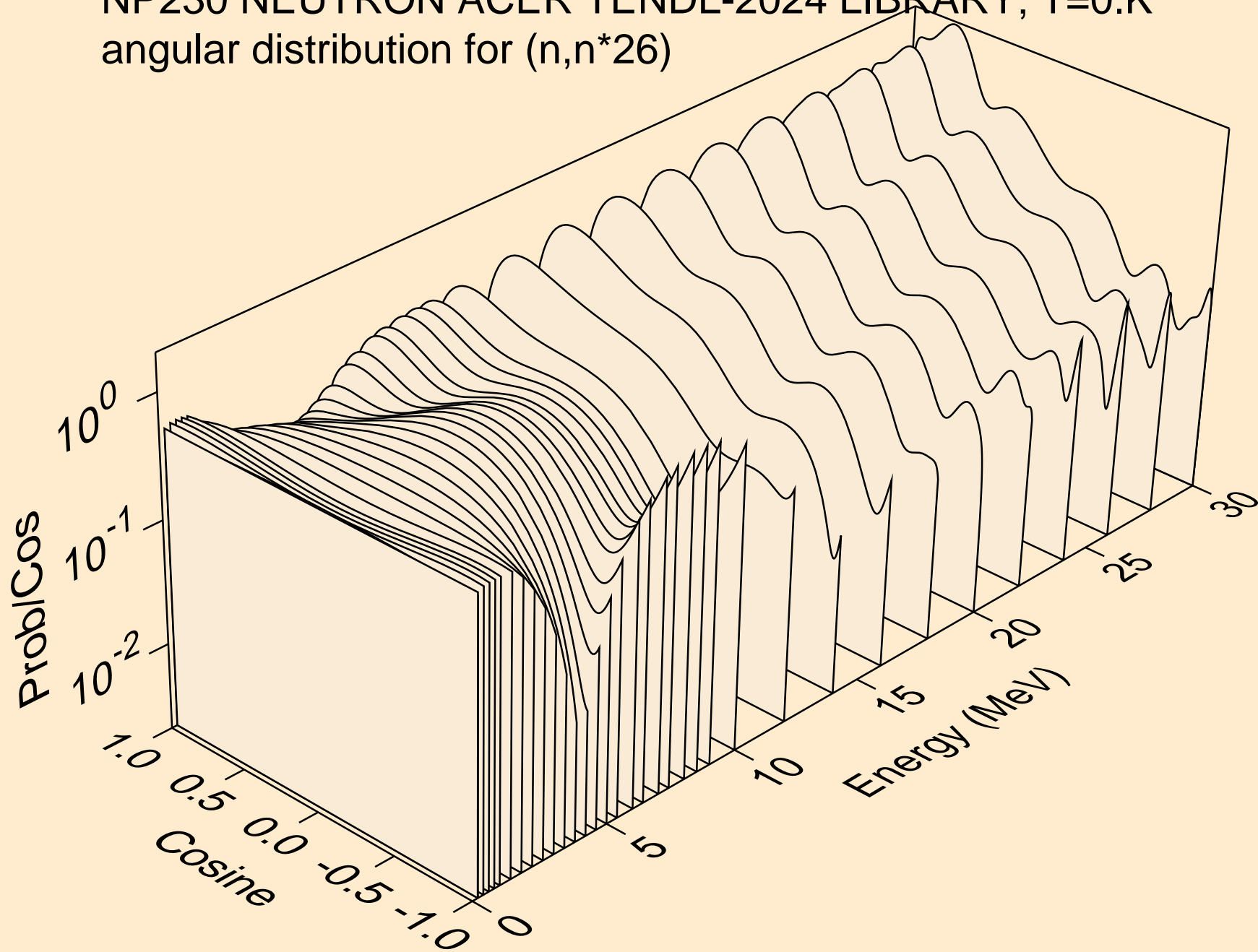
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



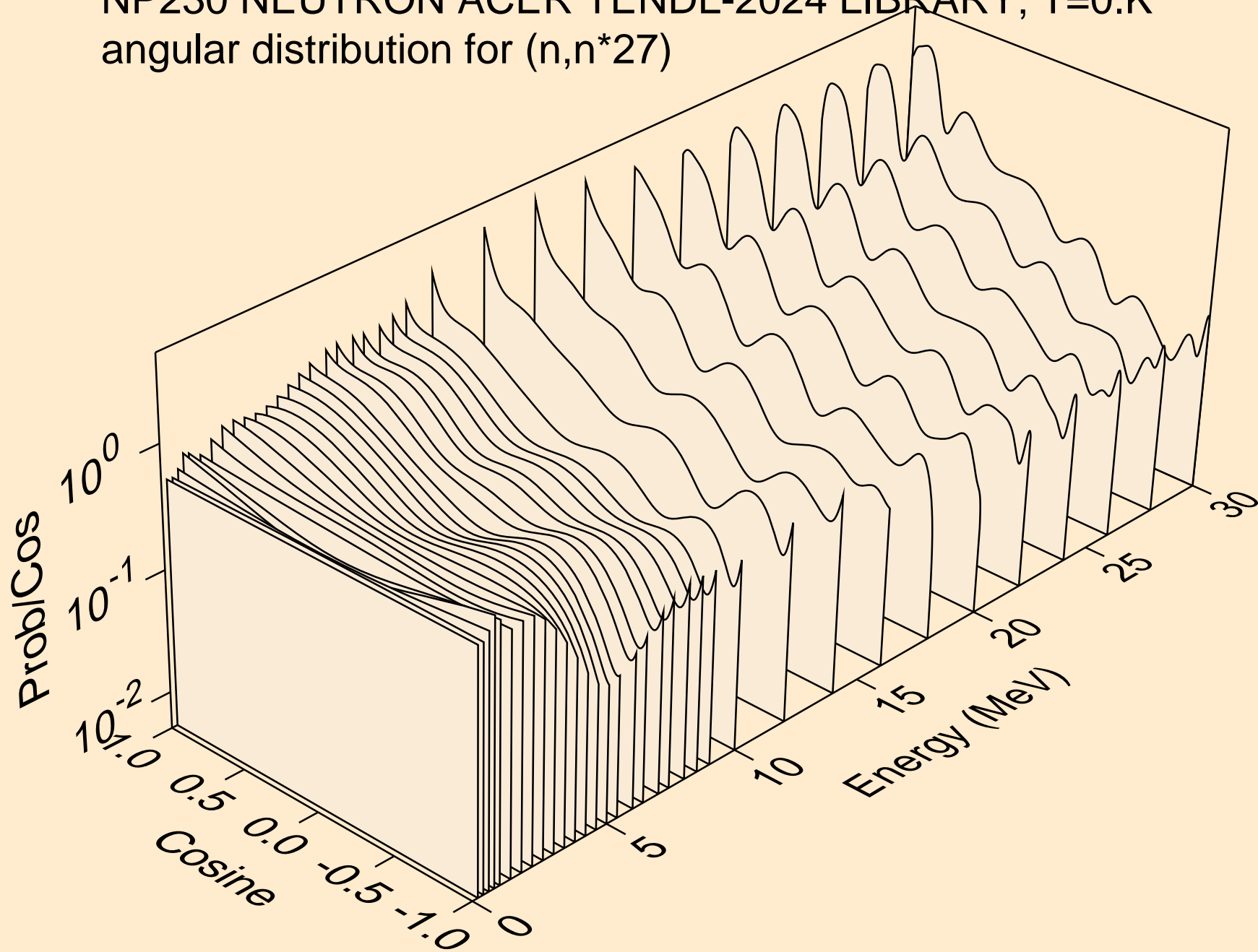
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



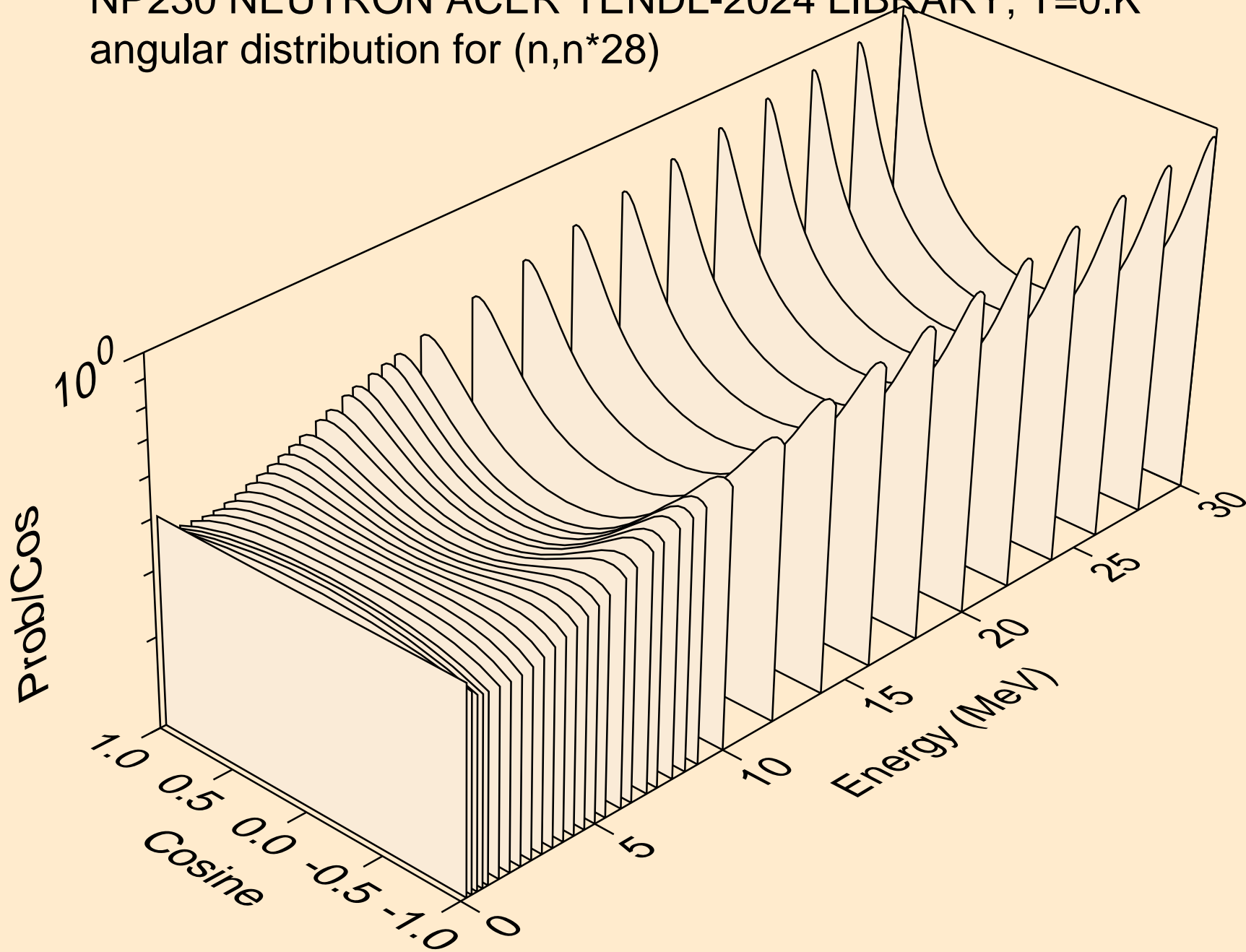
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



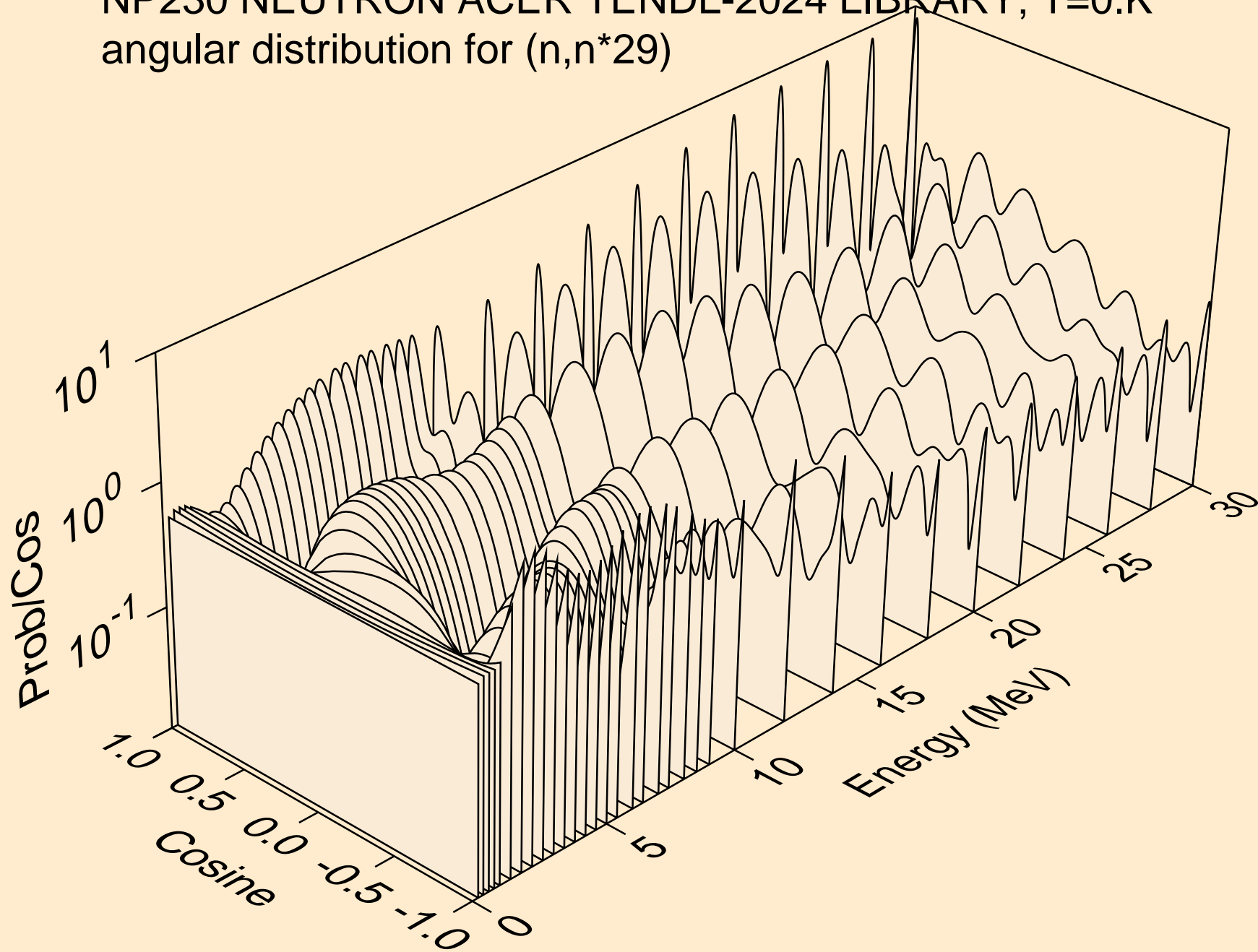
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

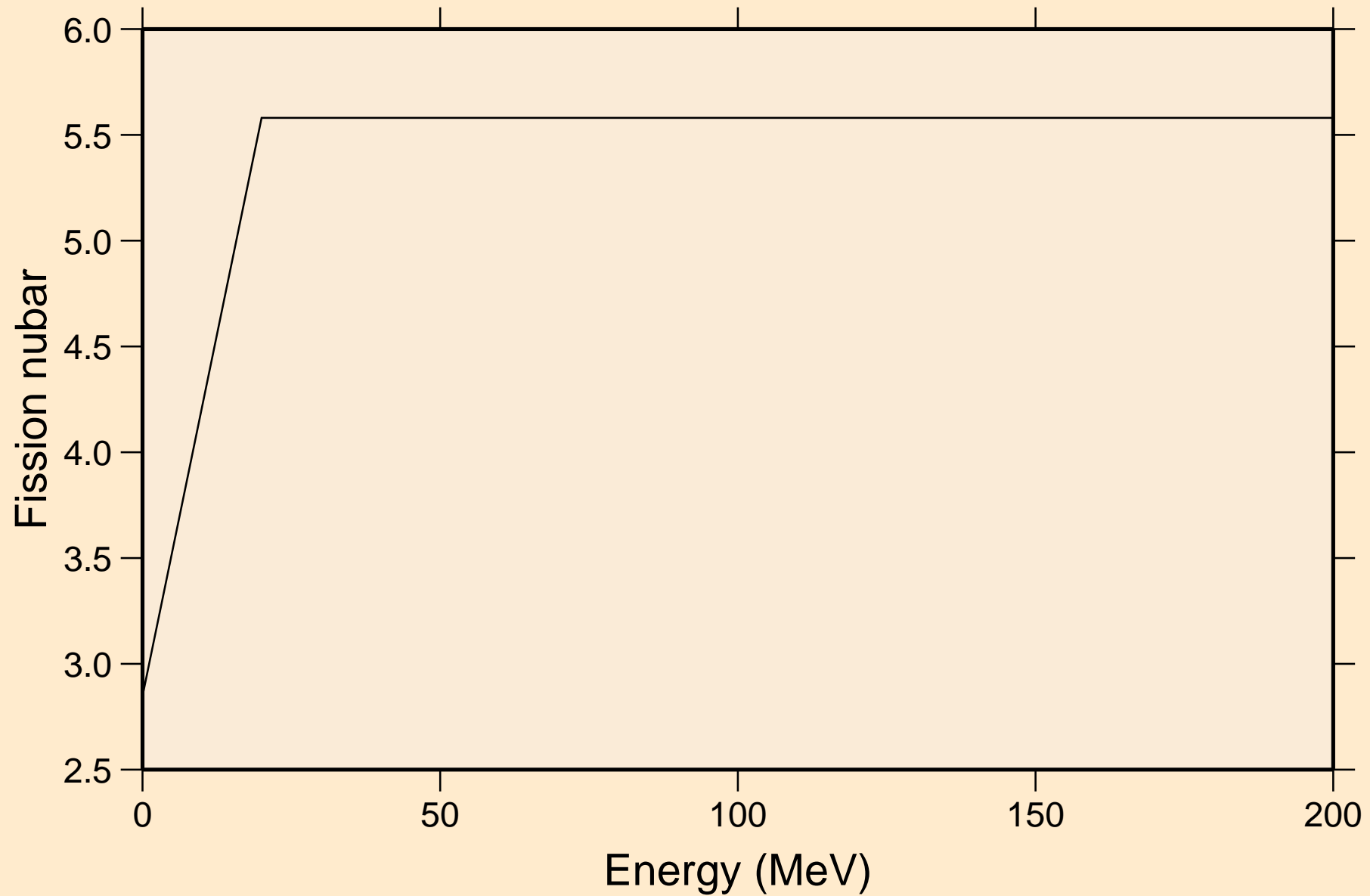


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

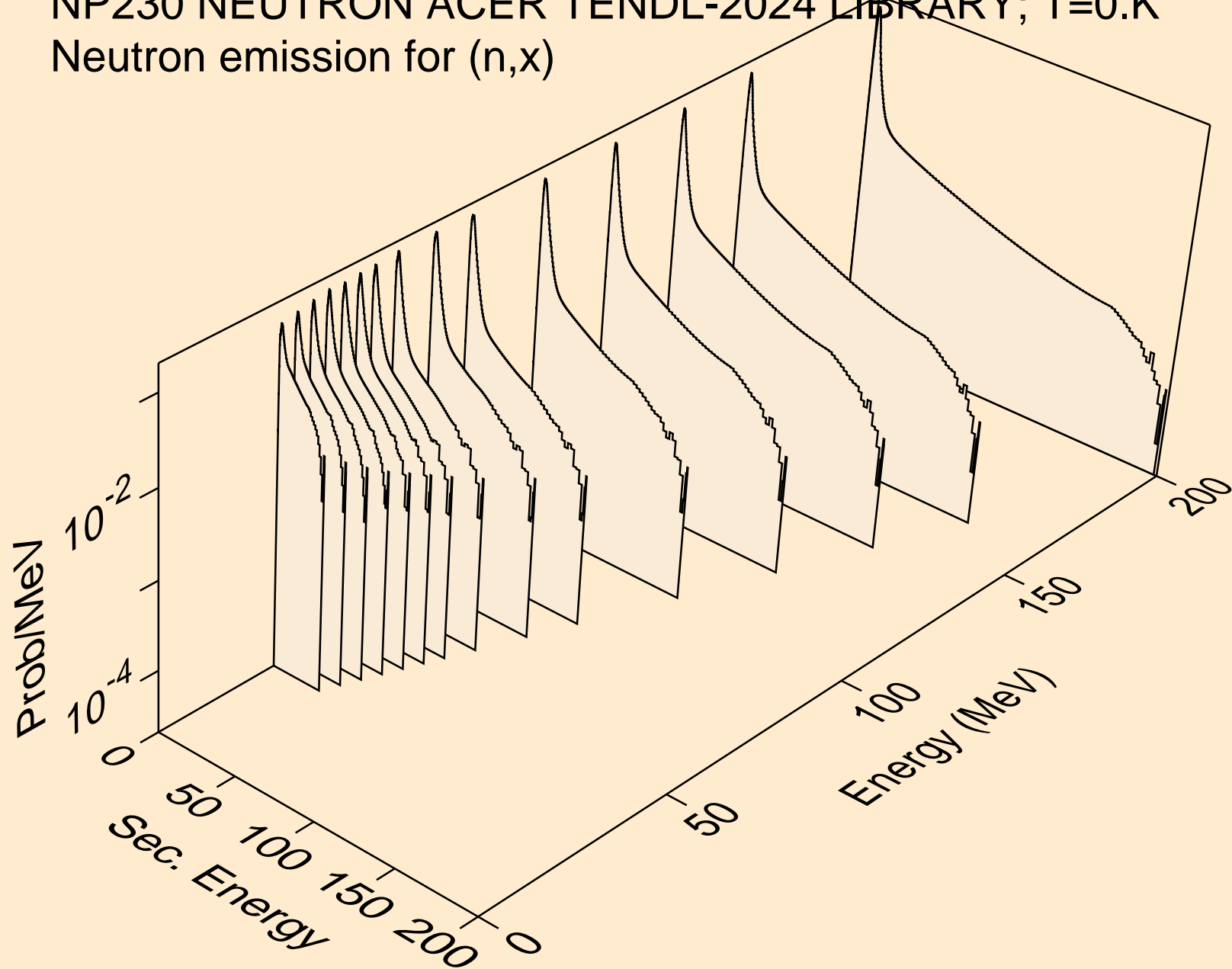


# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Total fission nubar

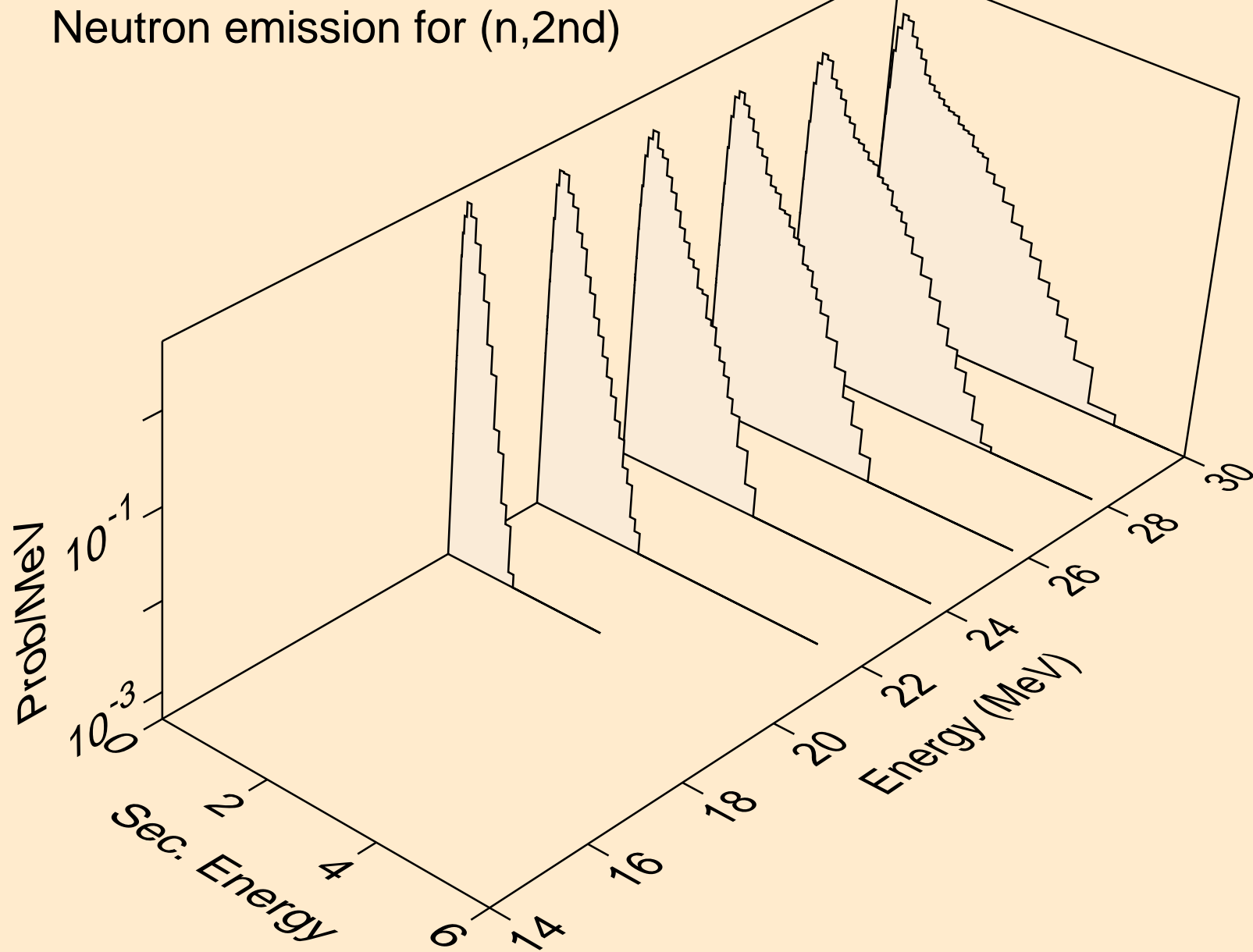


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

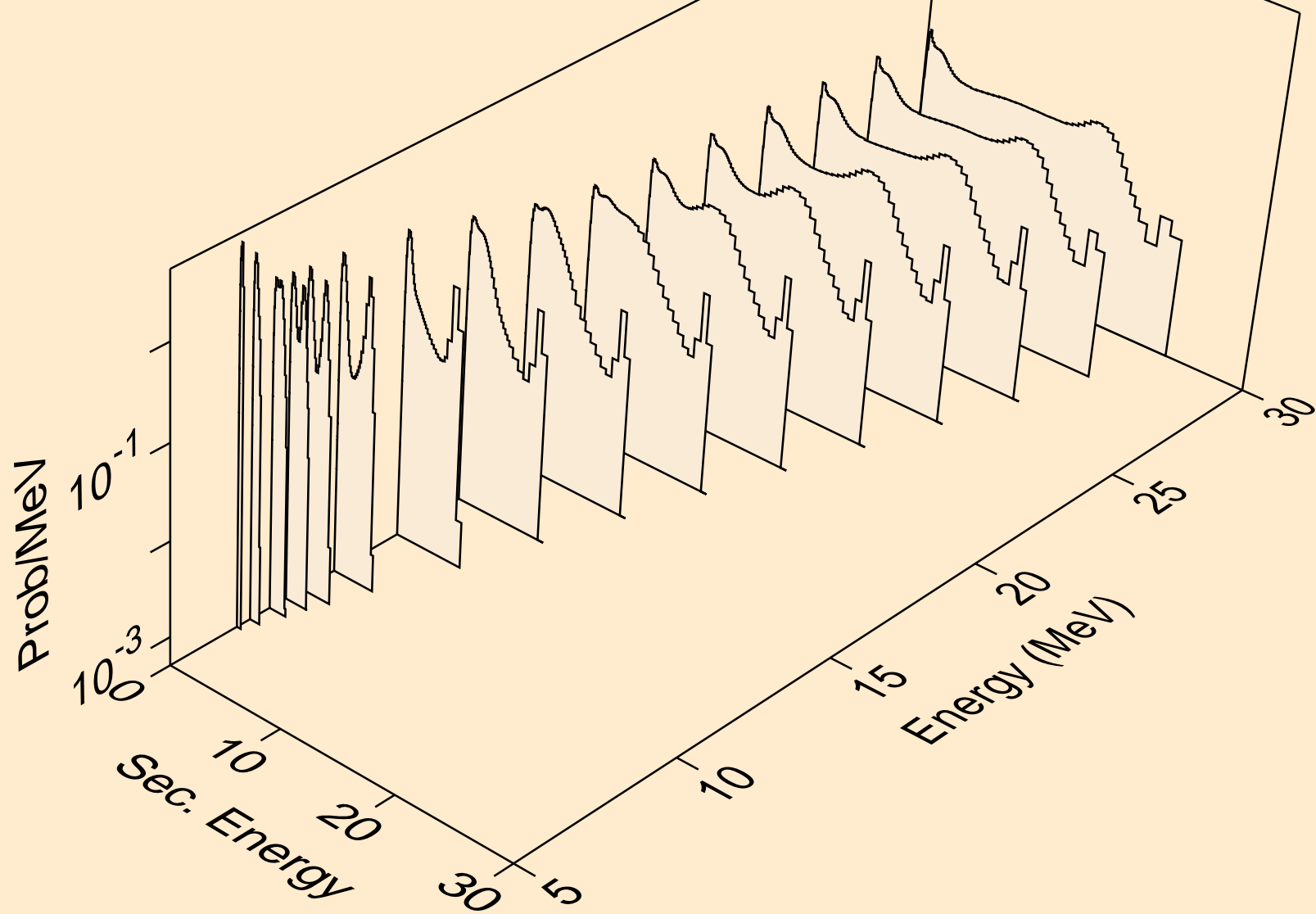




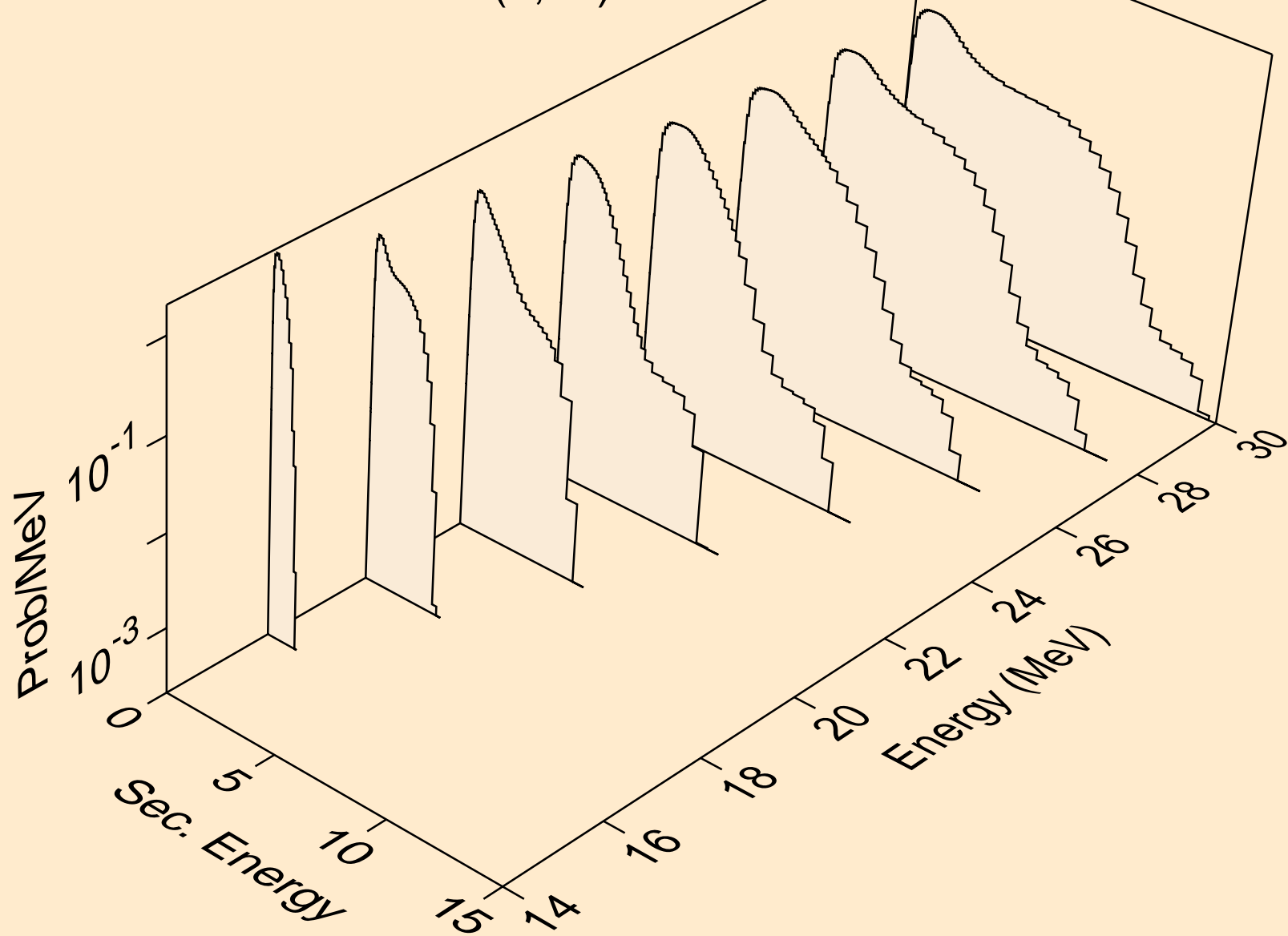
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



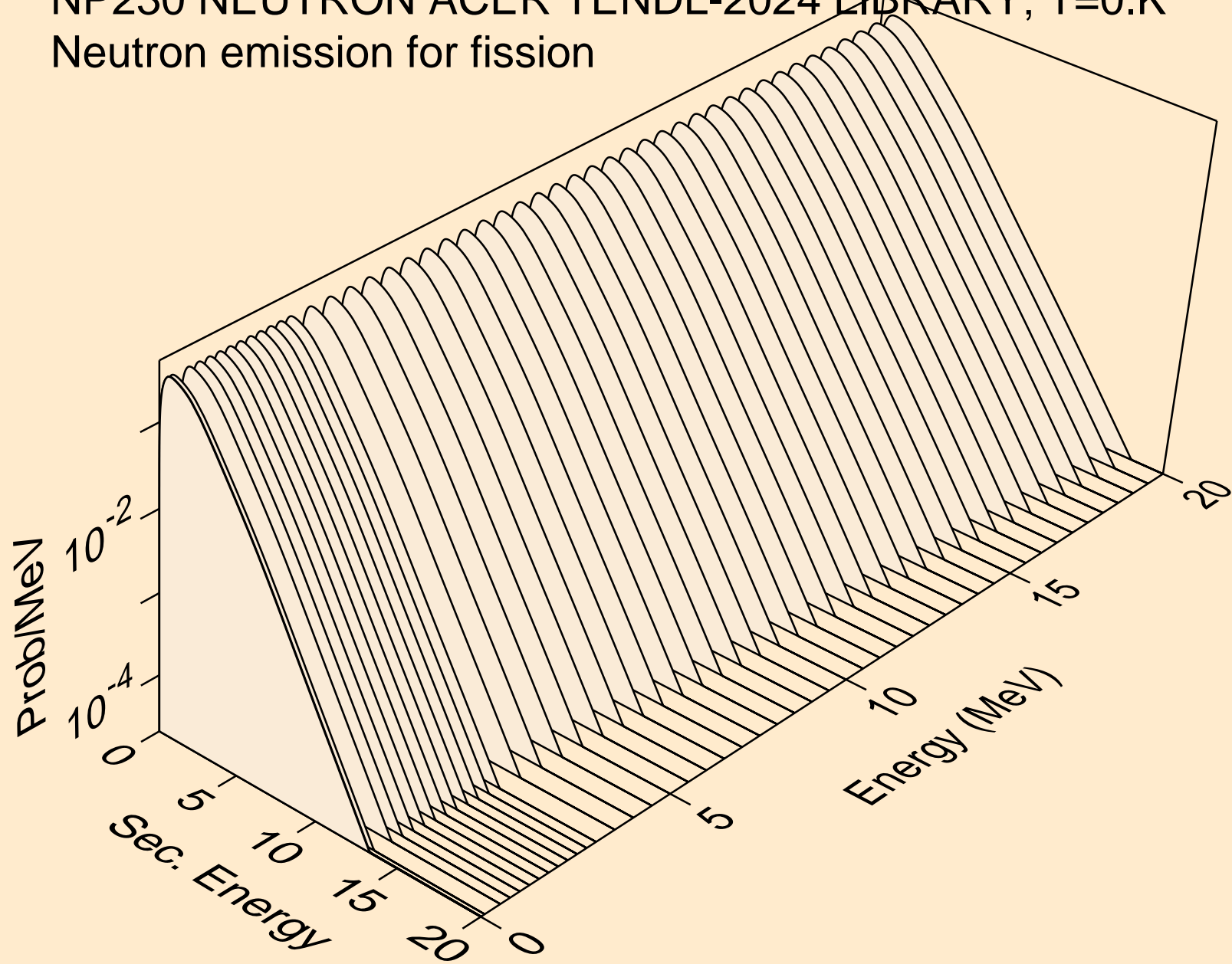
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



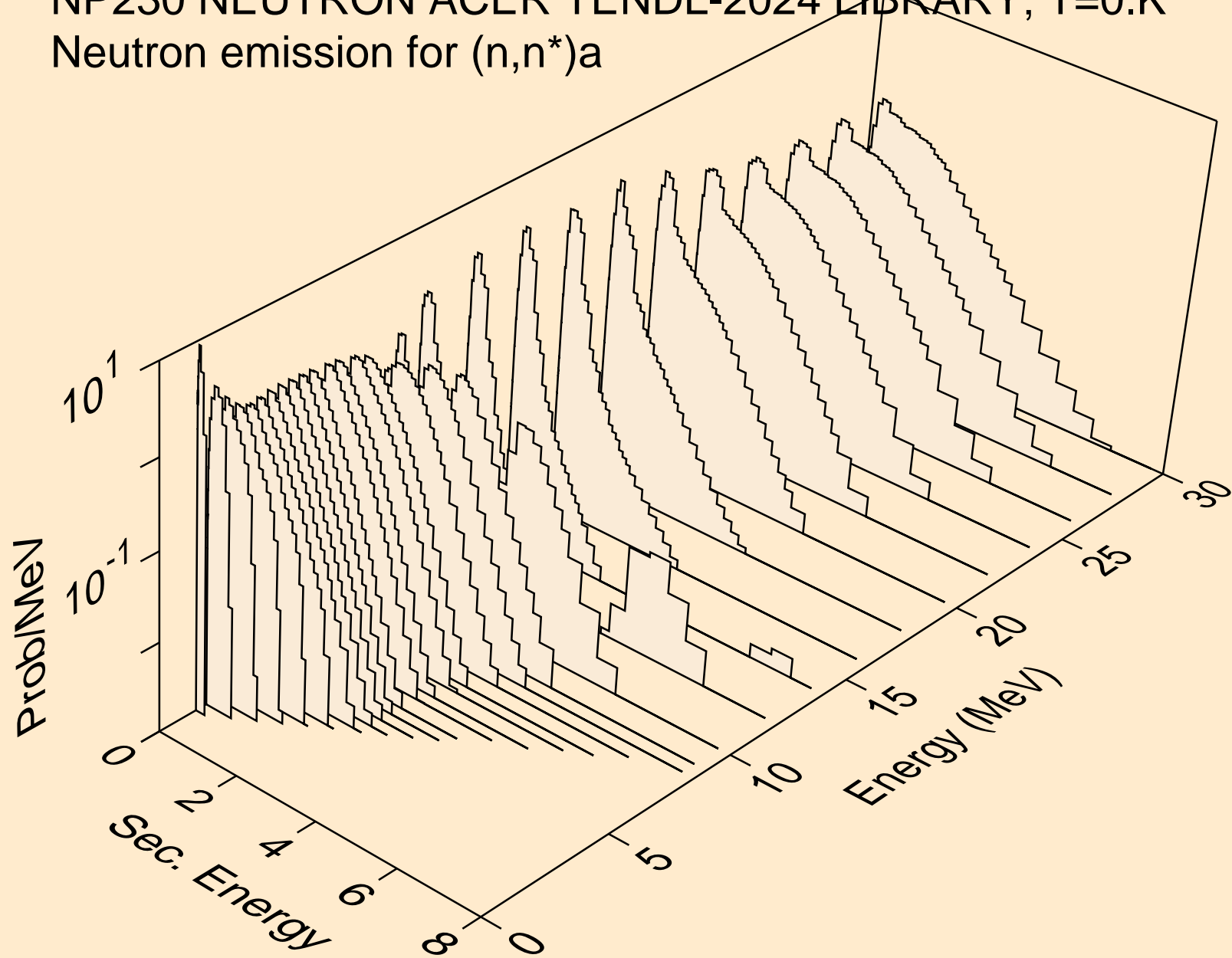
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



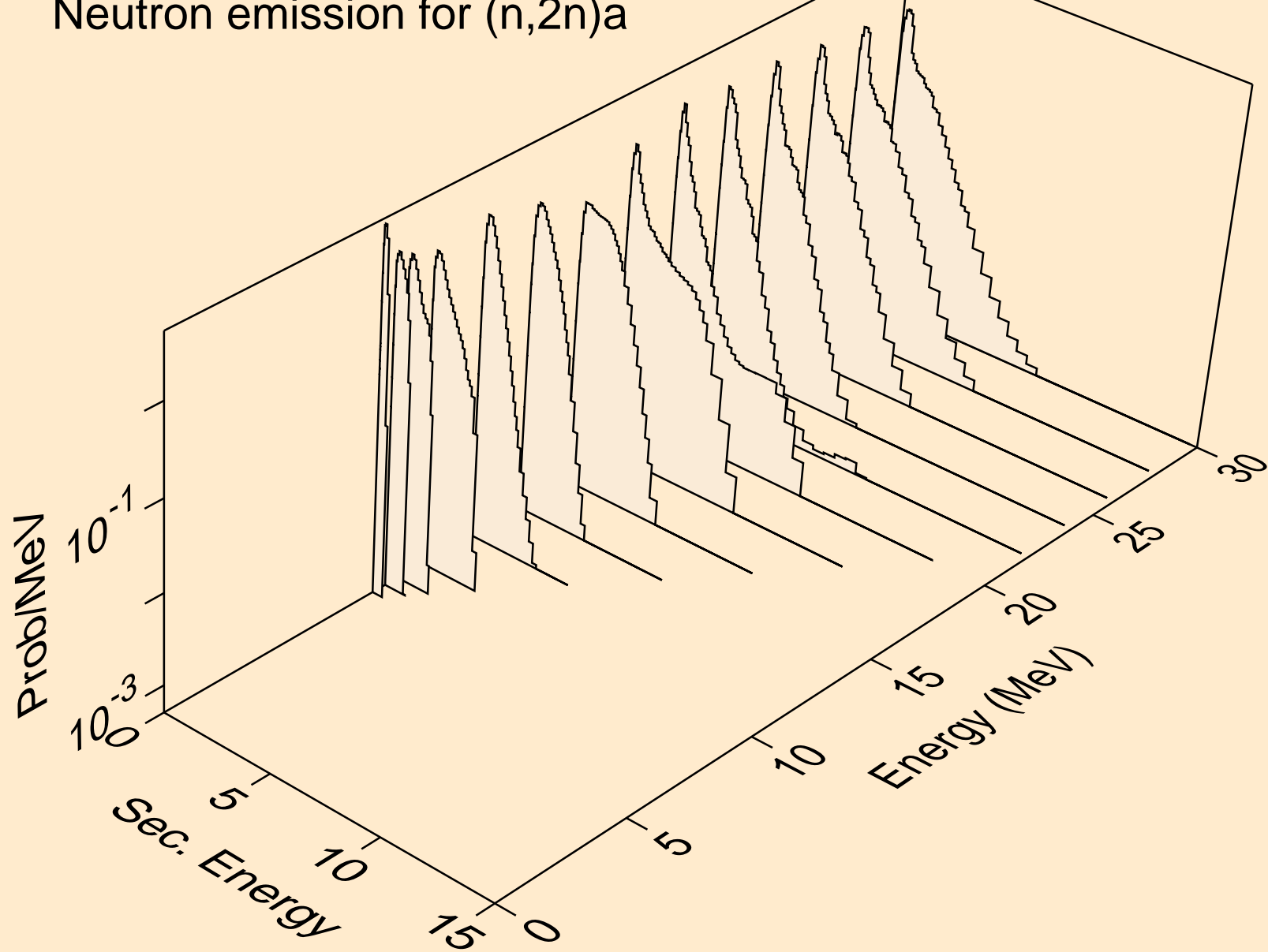
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



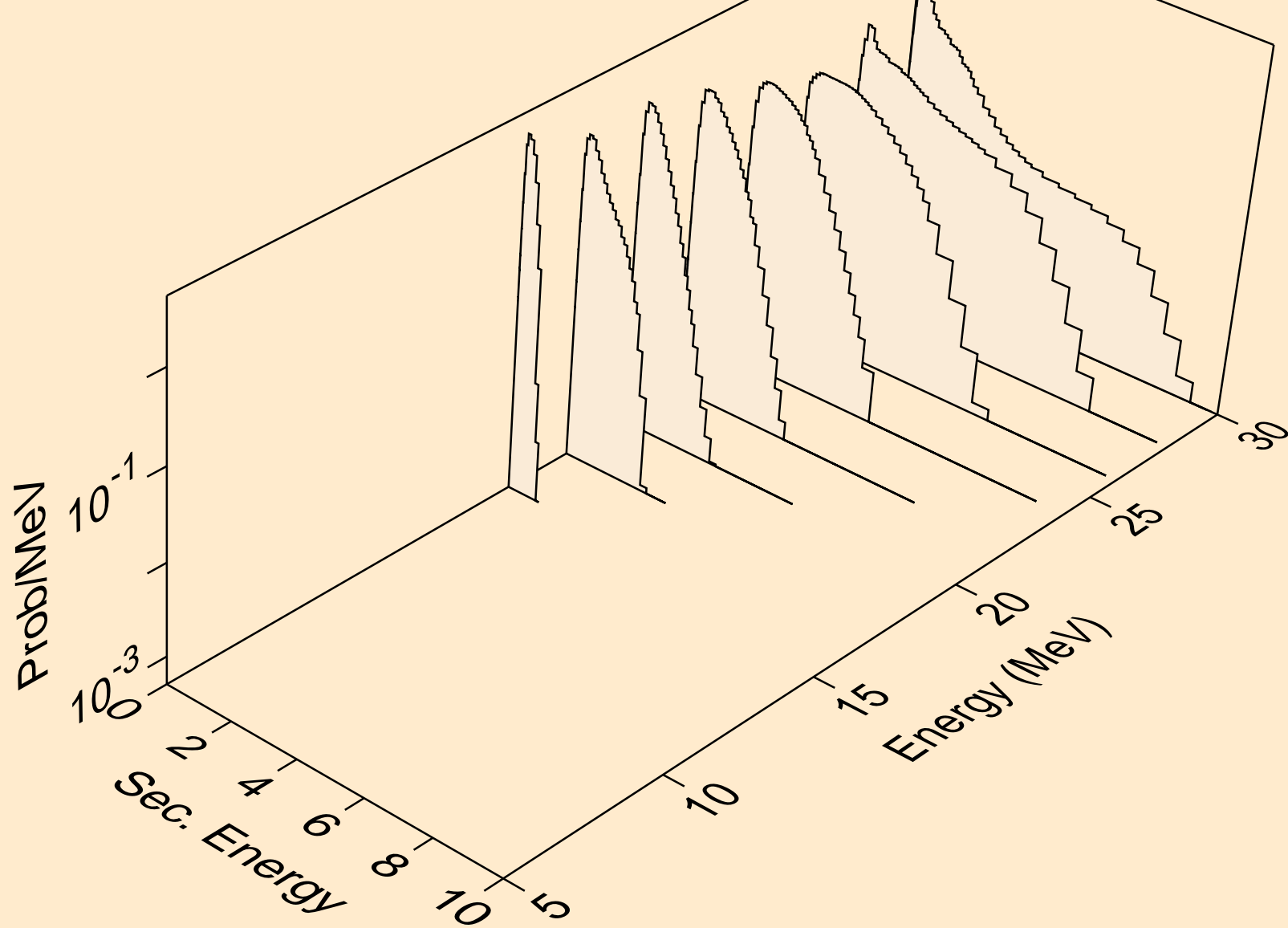
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



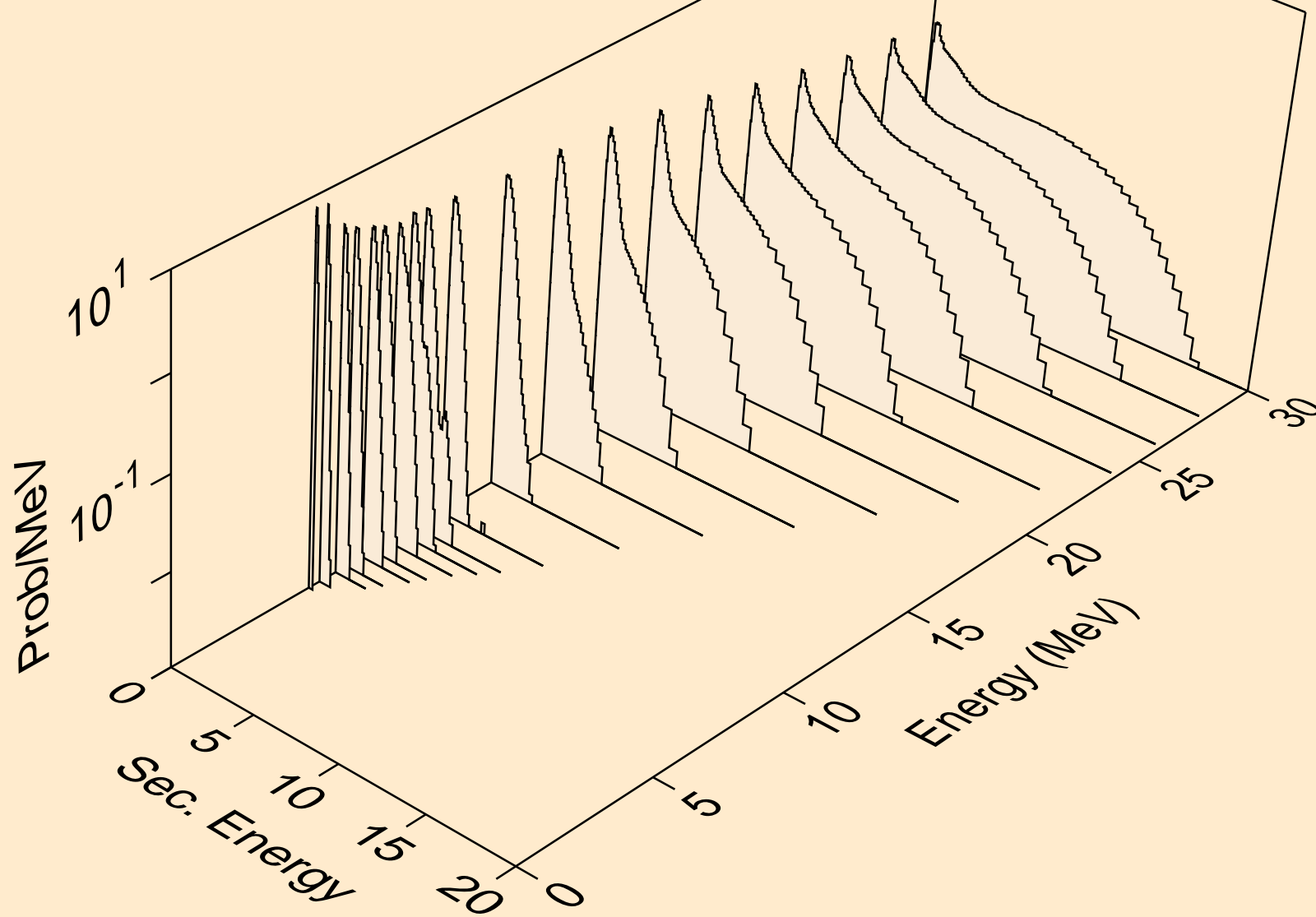
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

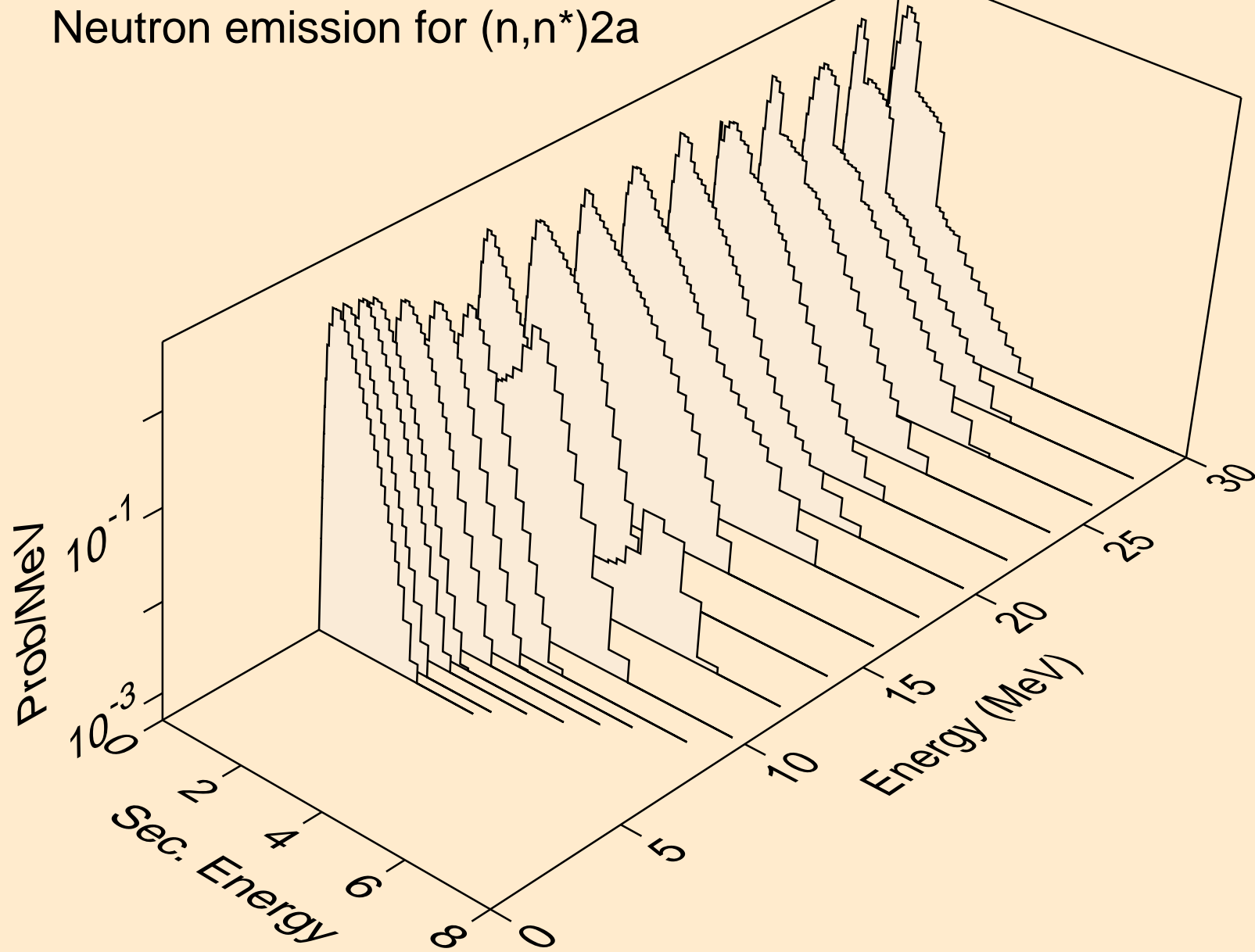


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

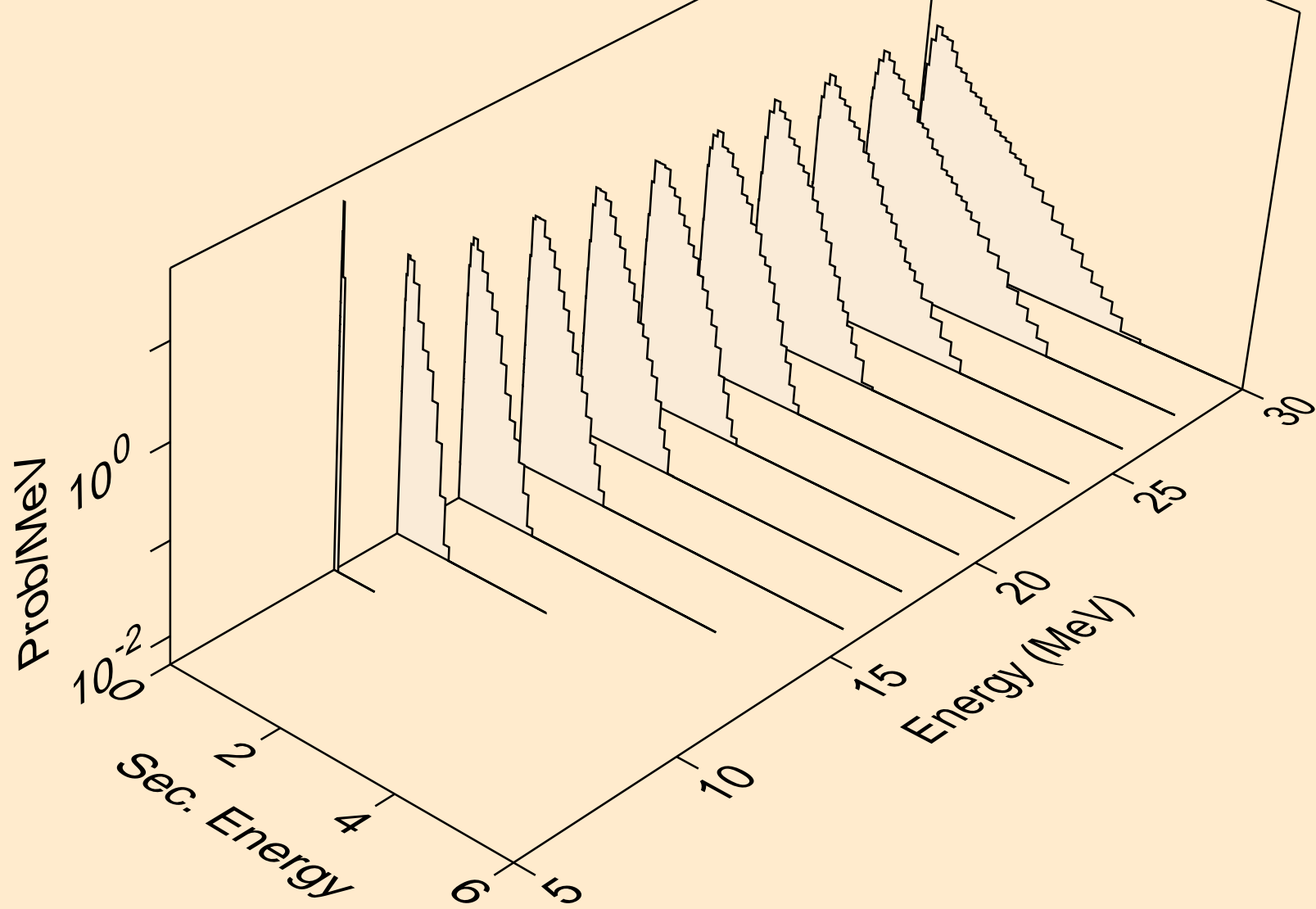




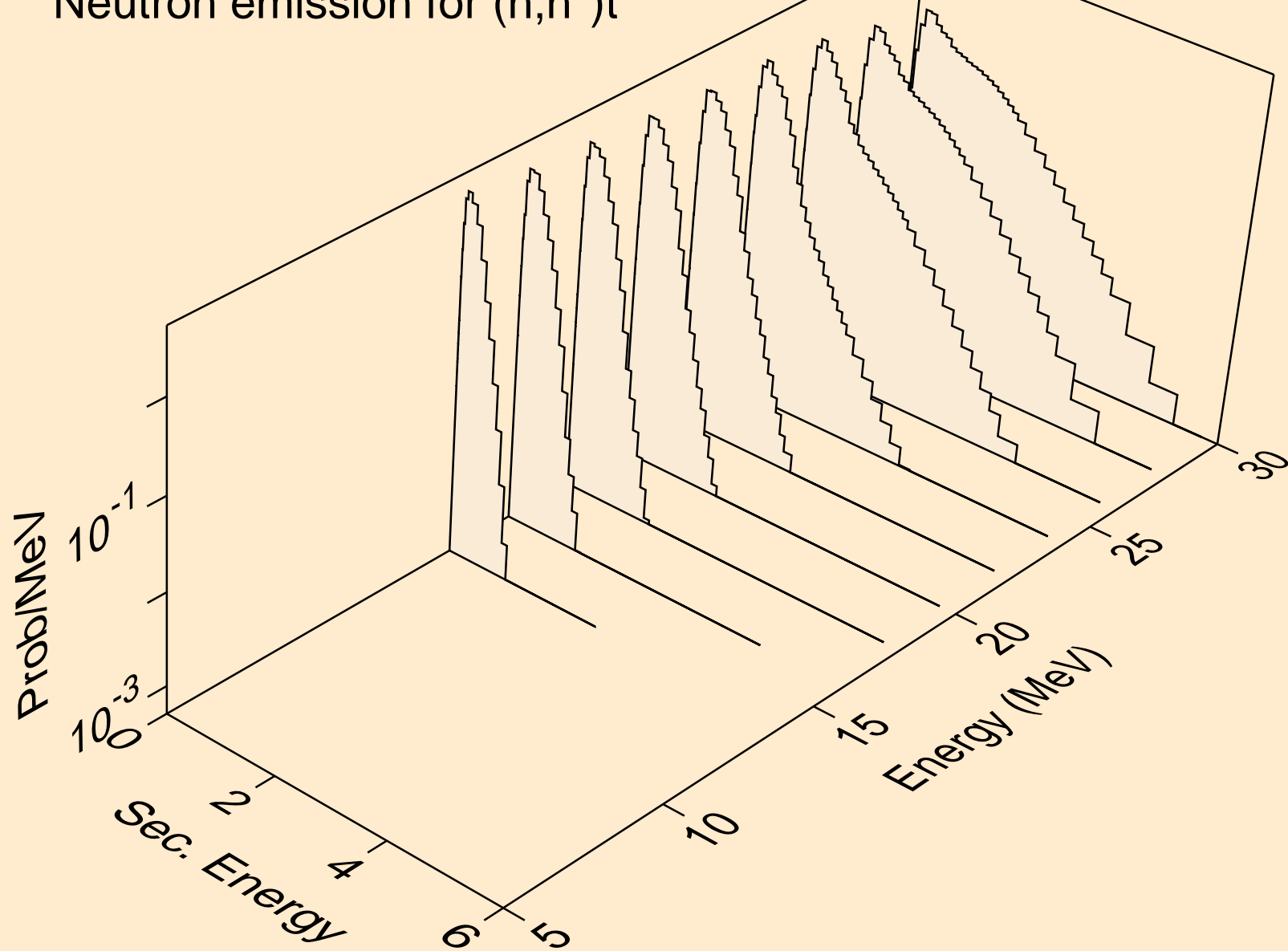
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



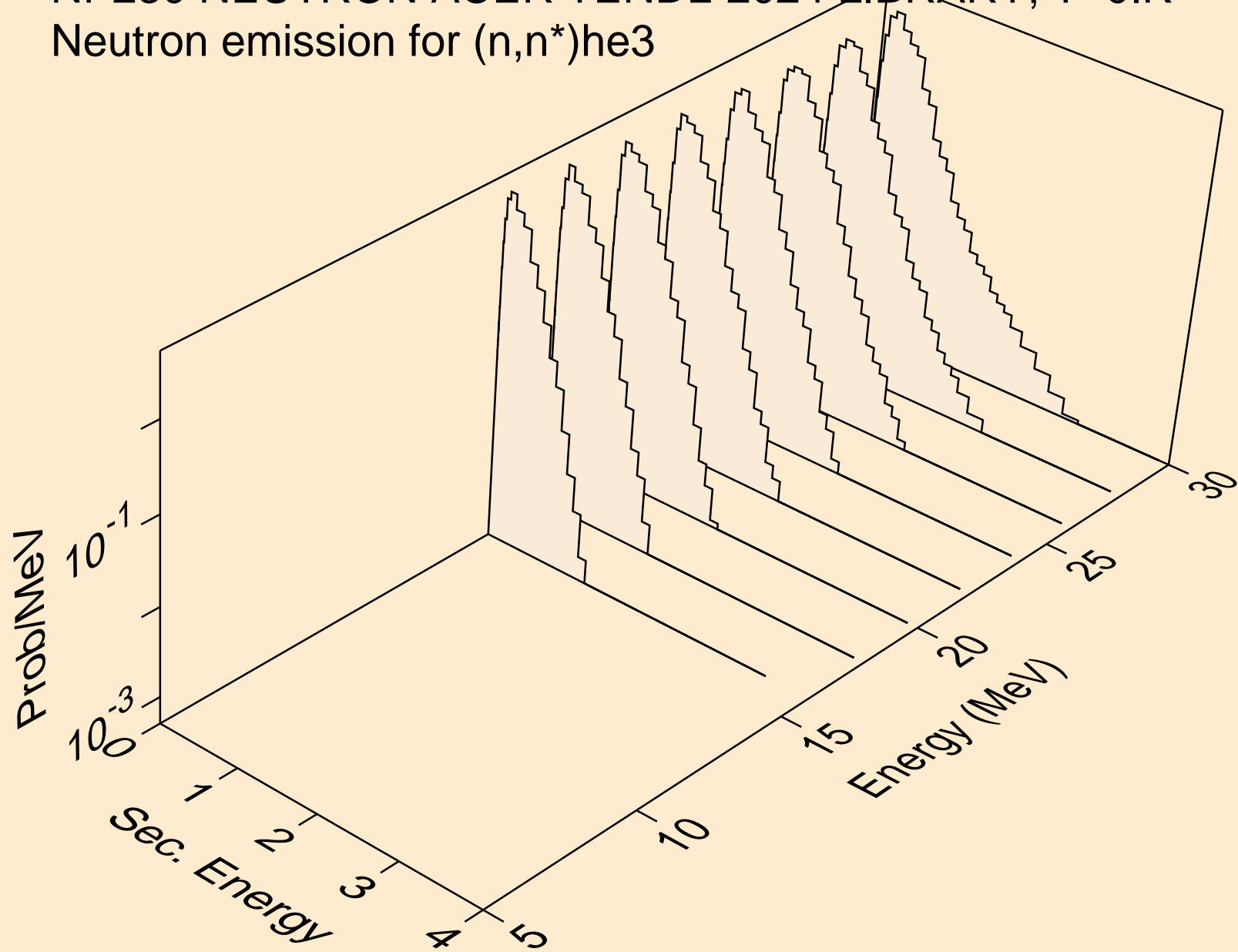
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



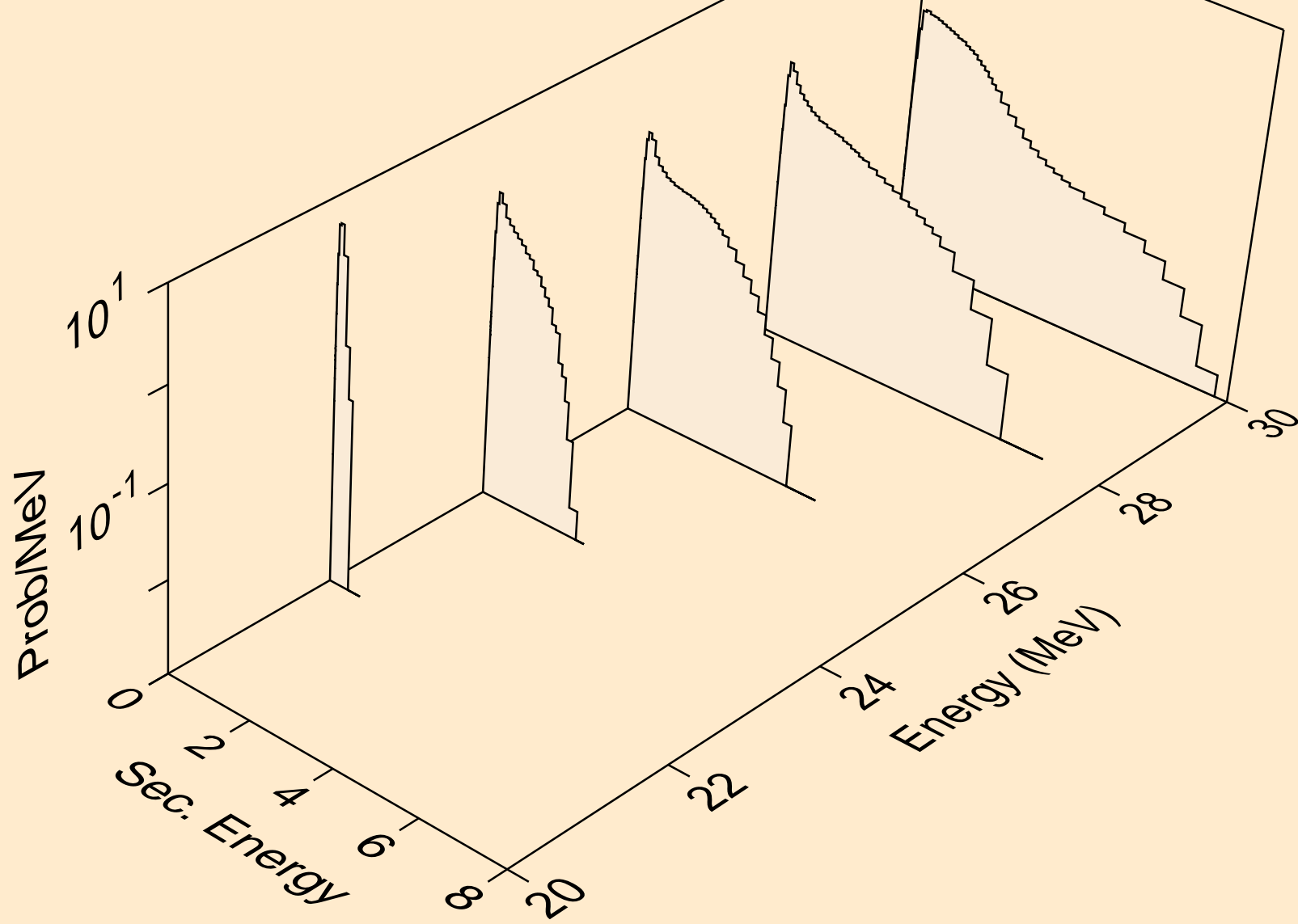
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



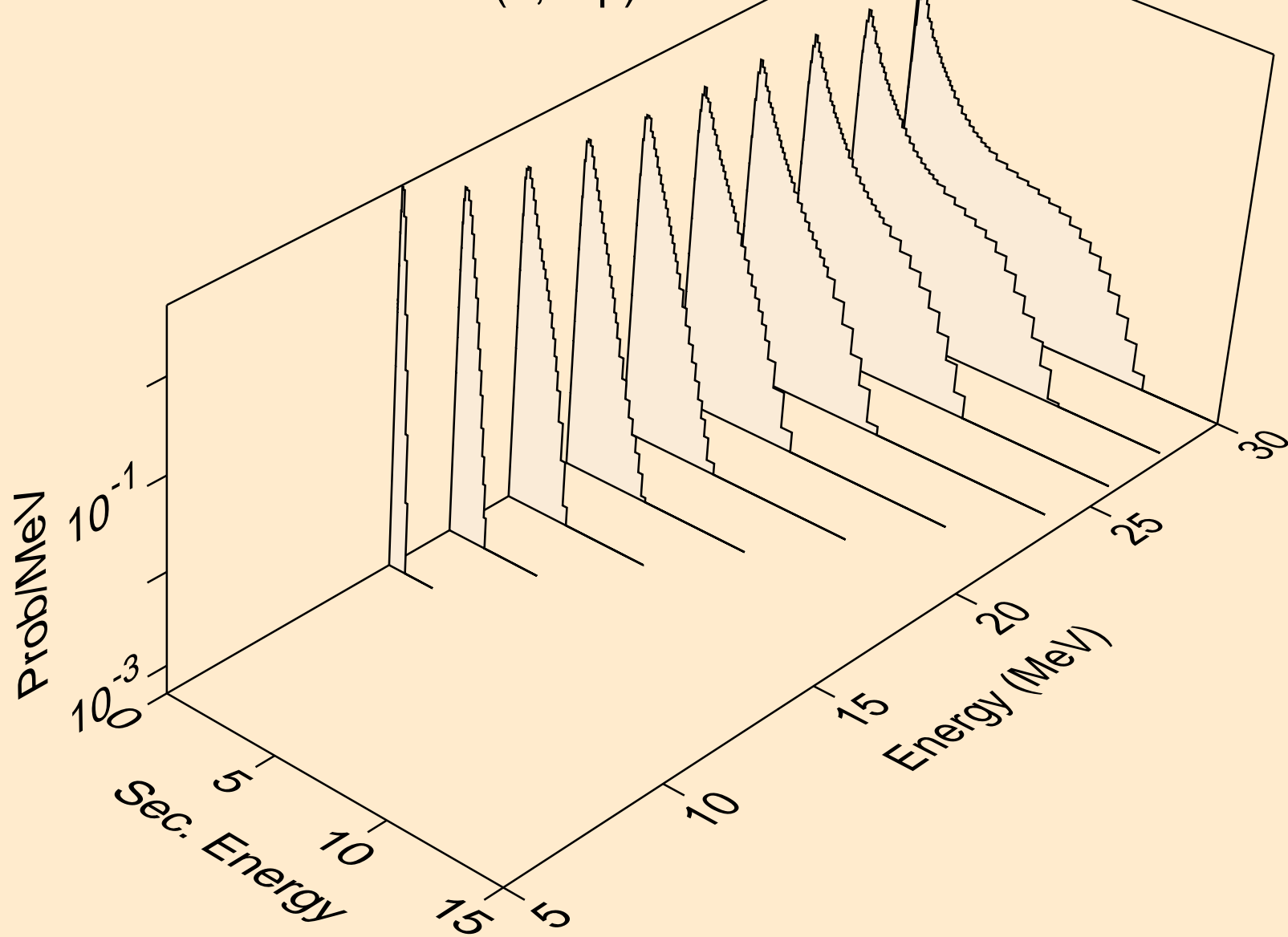
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



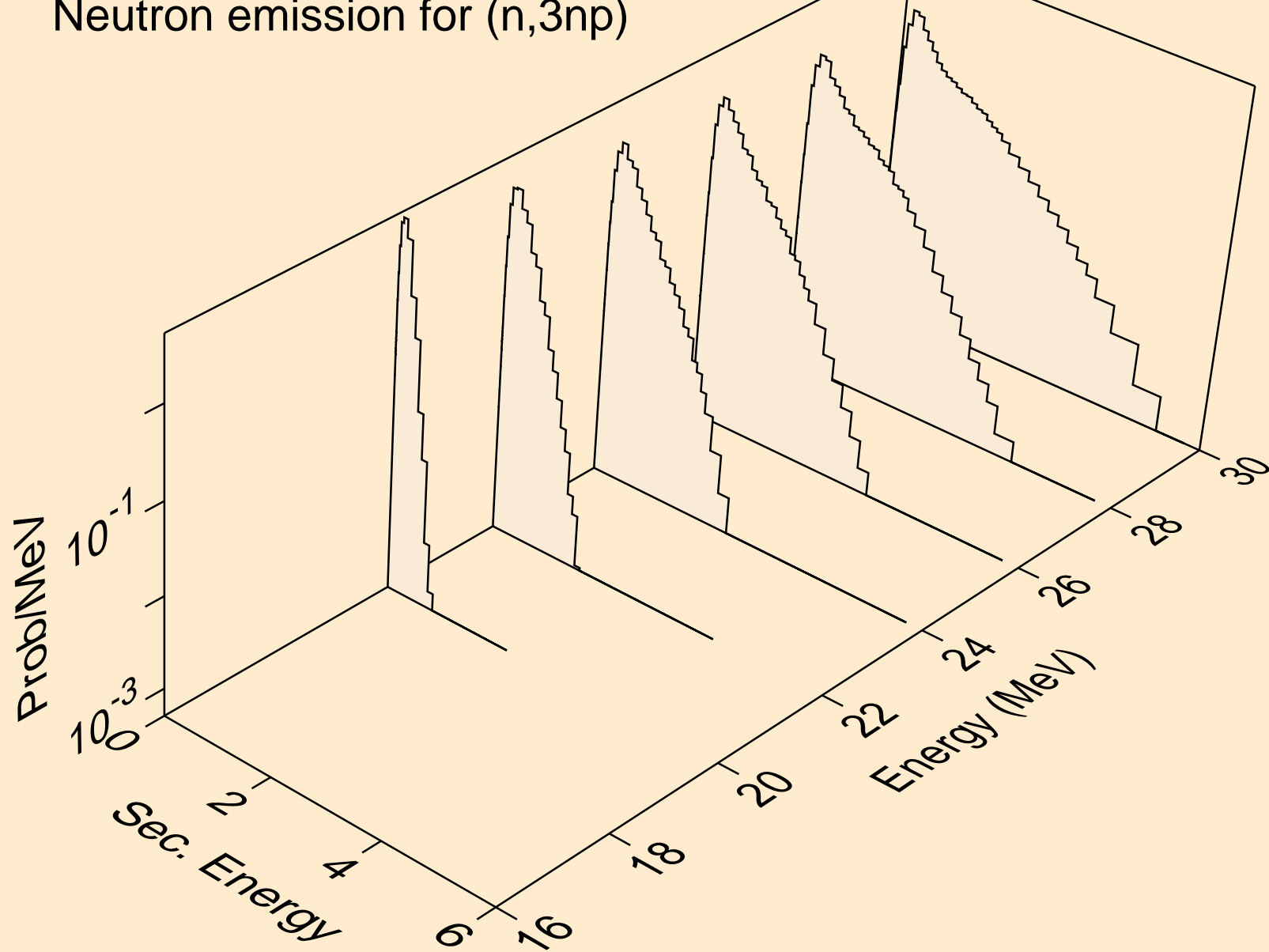
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



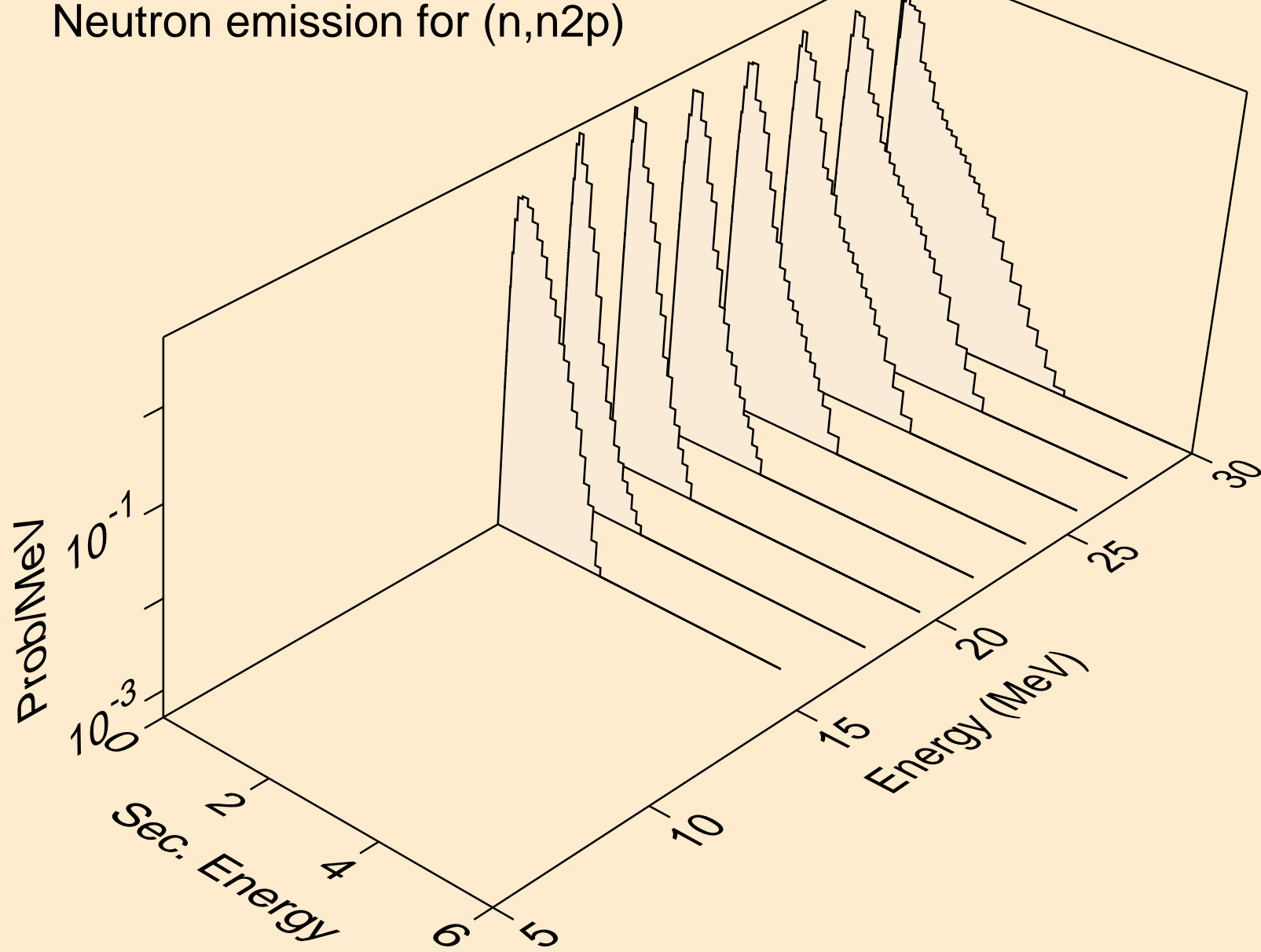
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

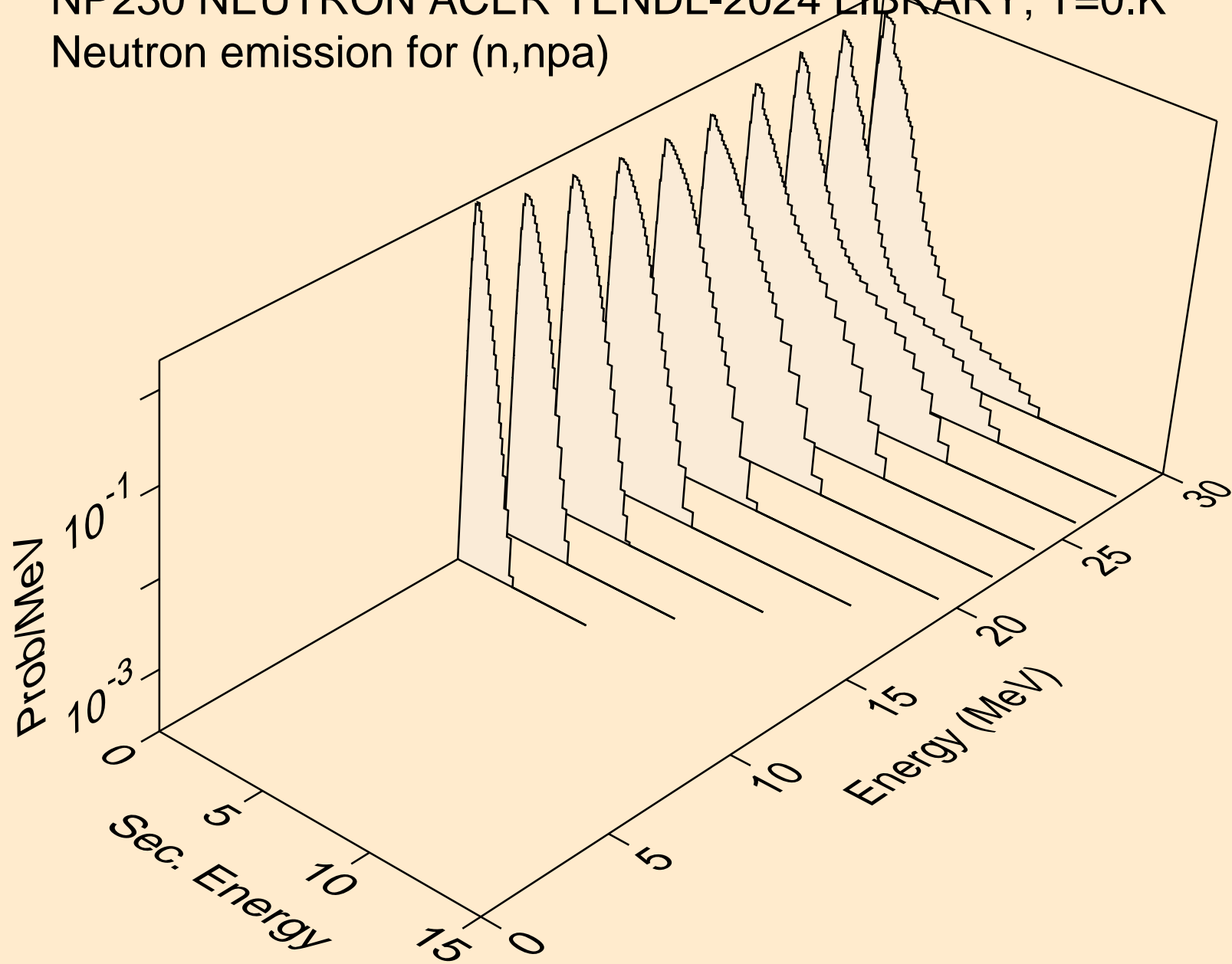


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

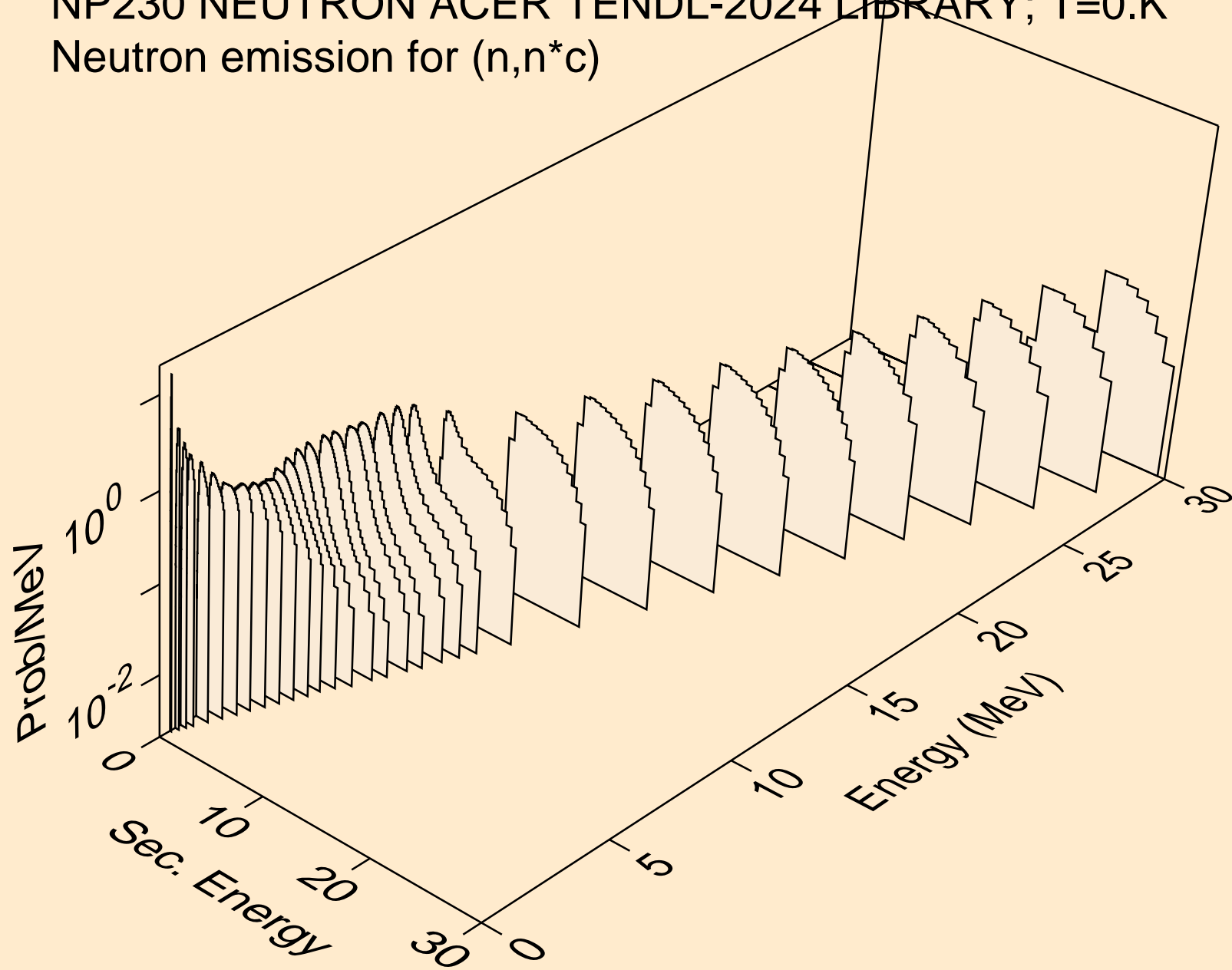




NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

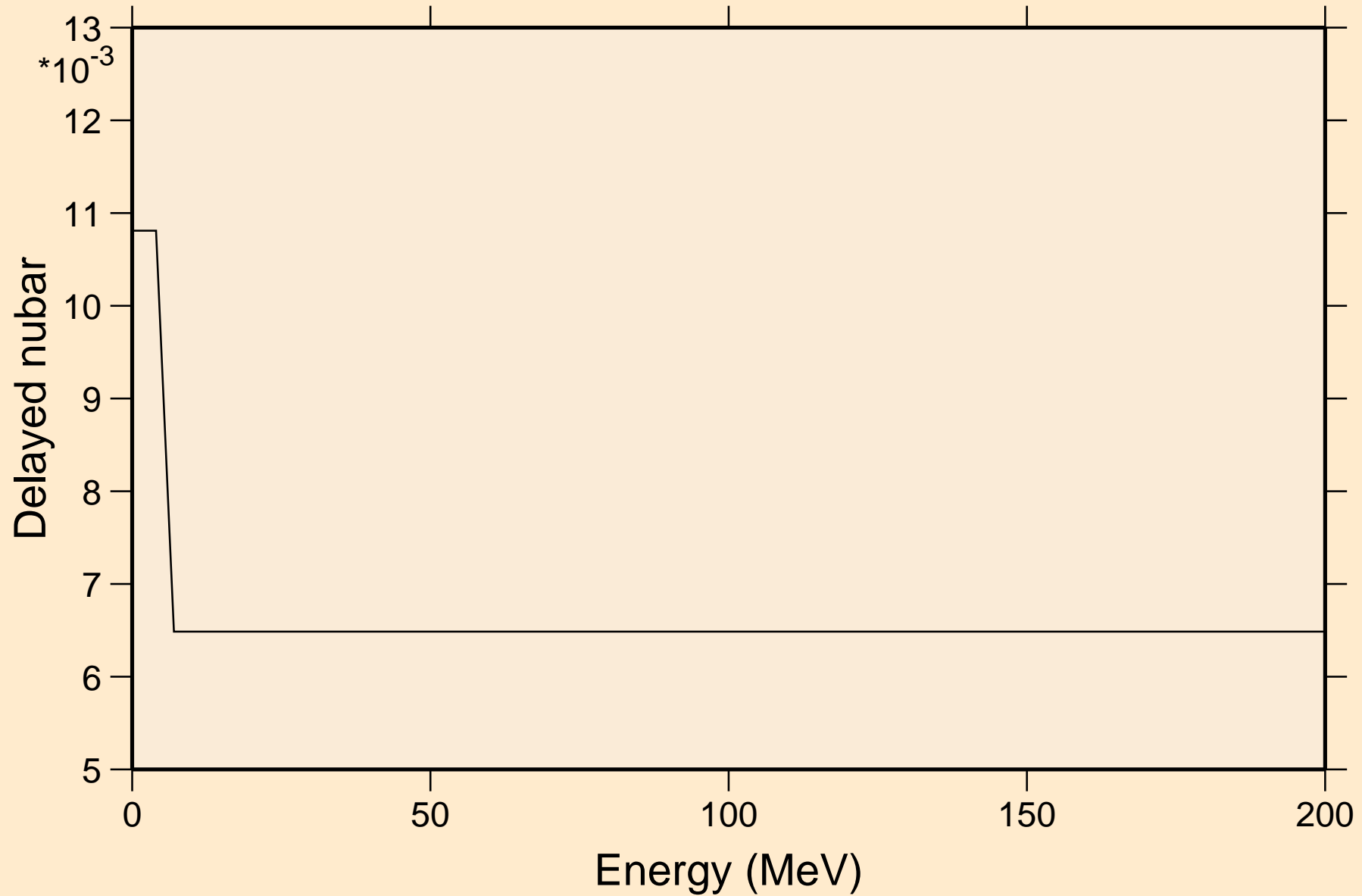


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



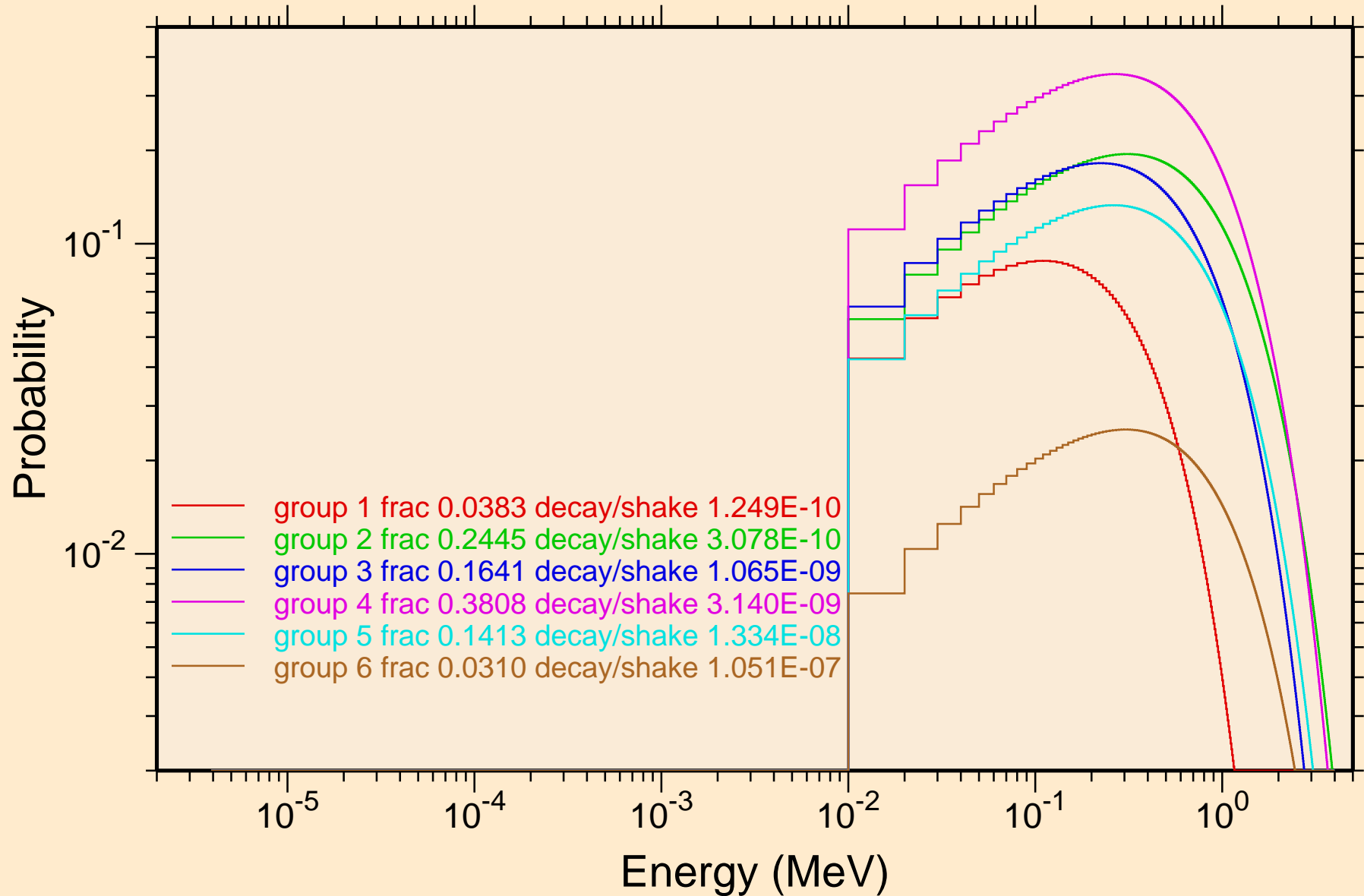
# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Delayed nubar

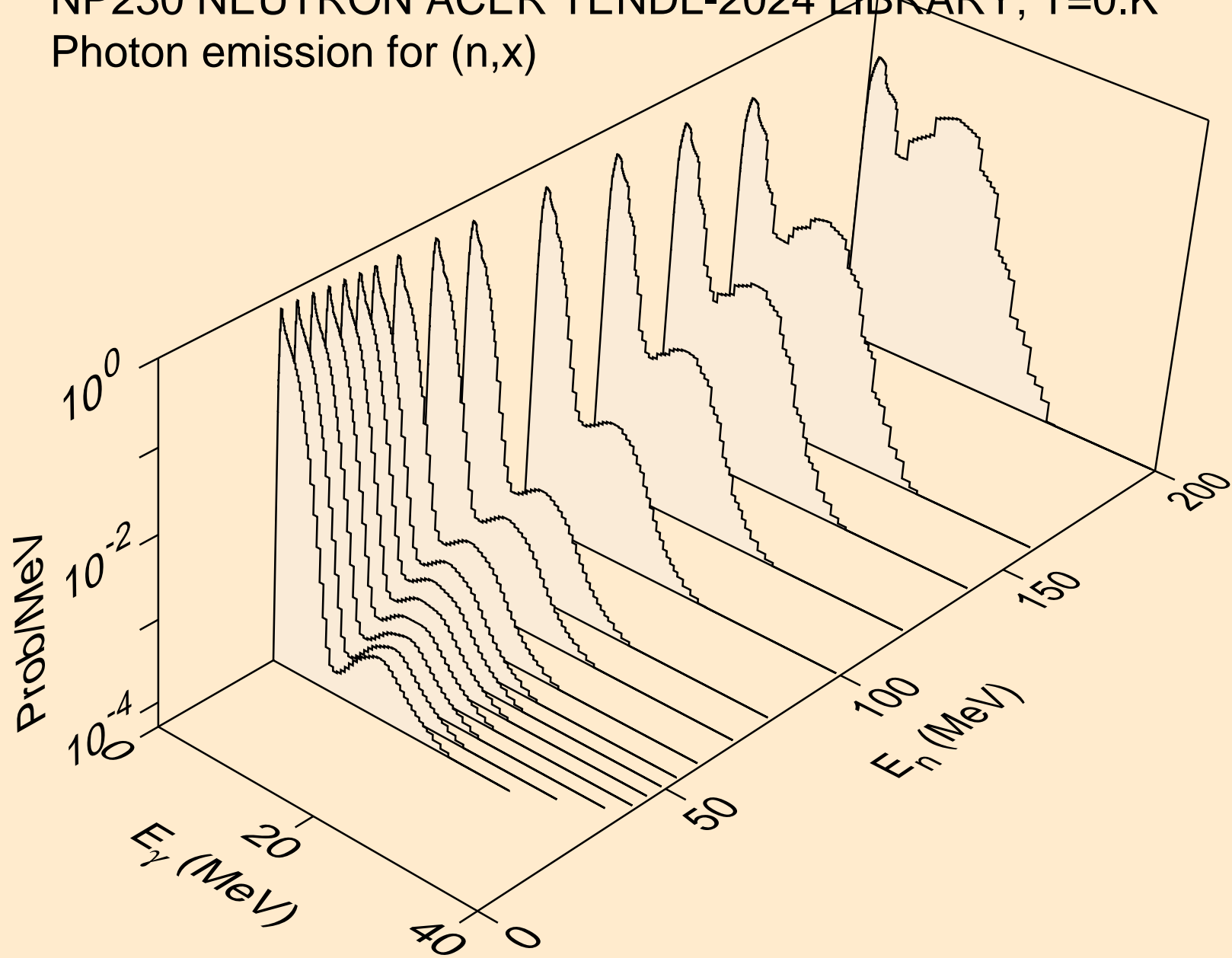


# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

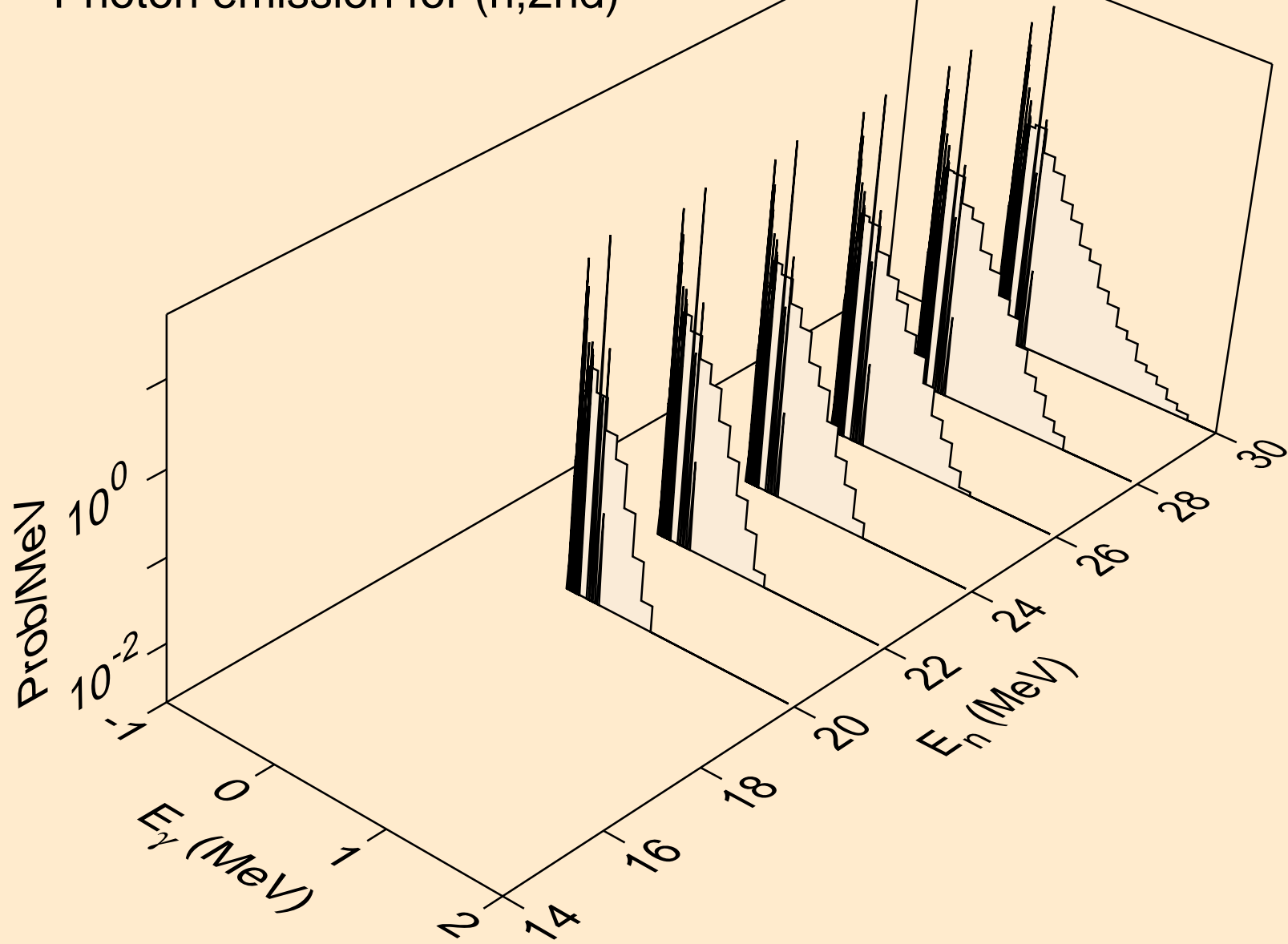
## Delayed neutron spectra



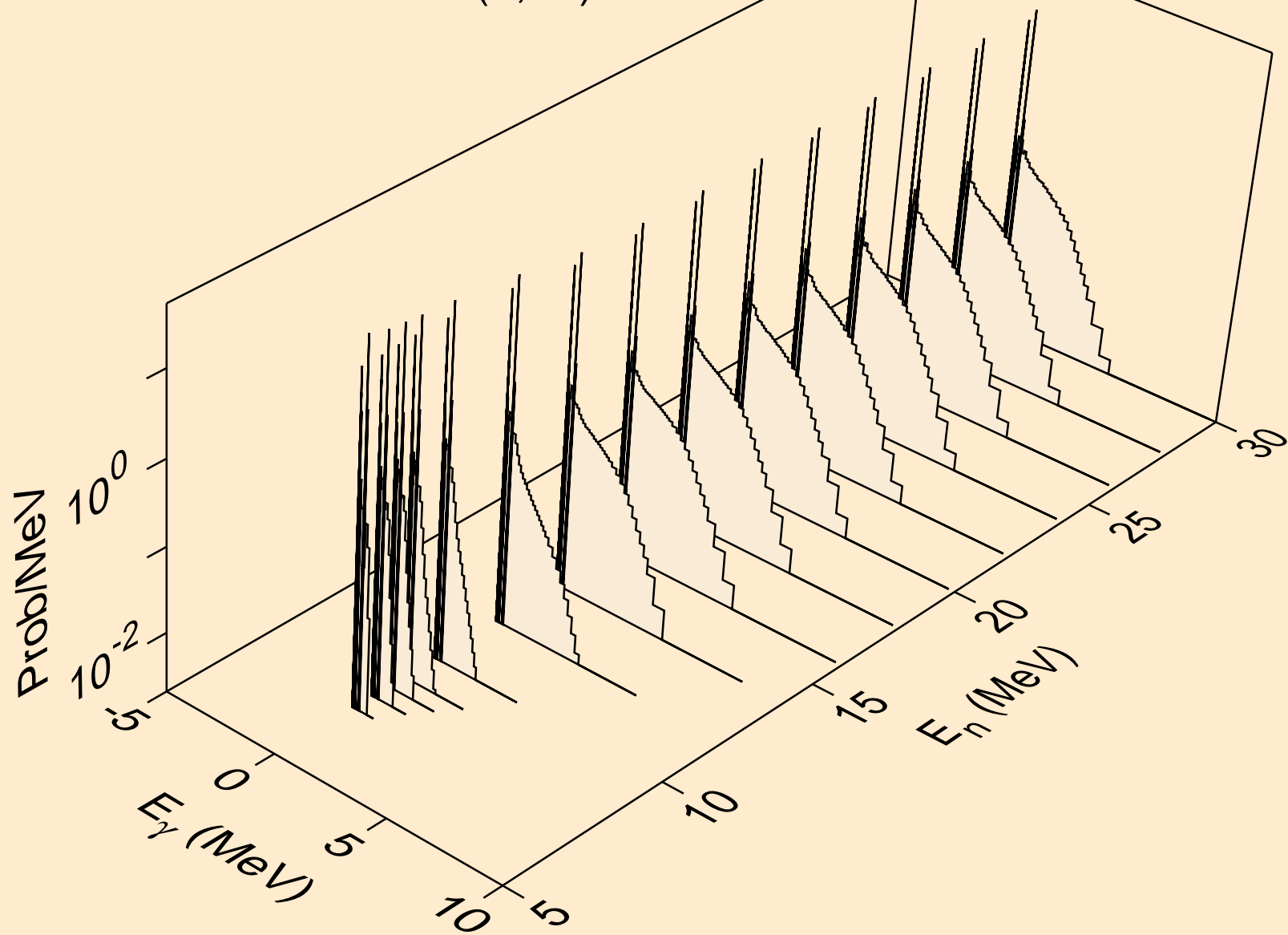
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



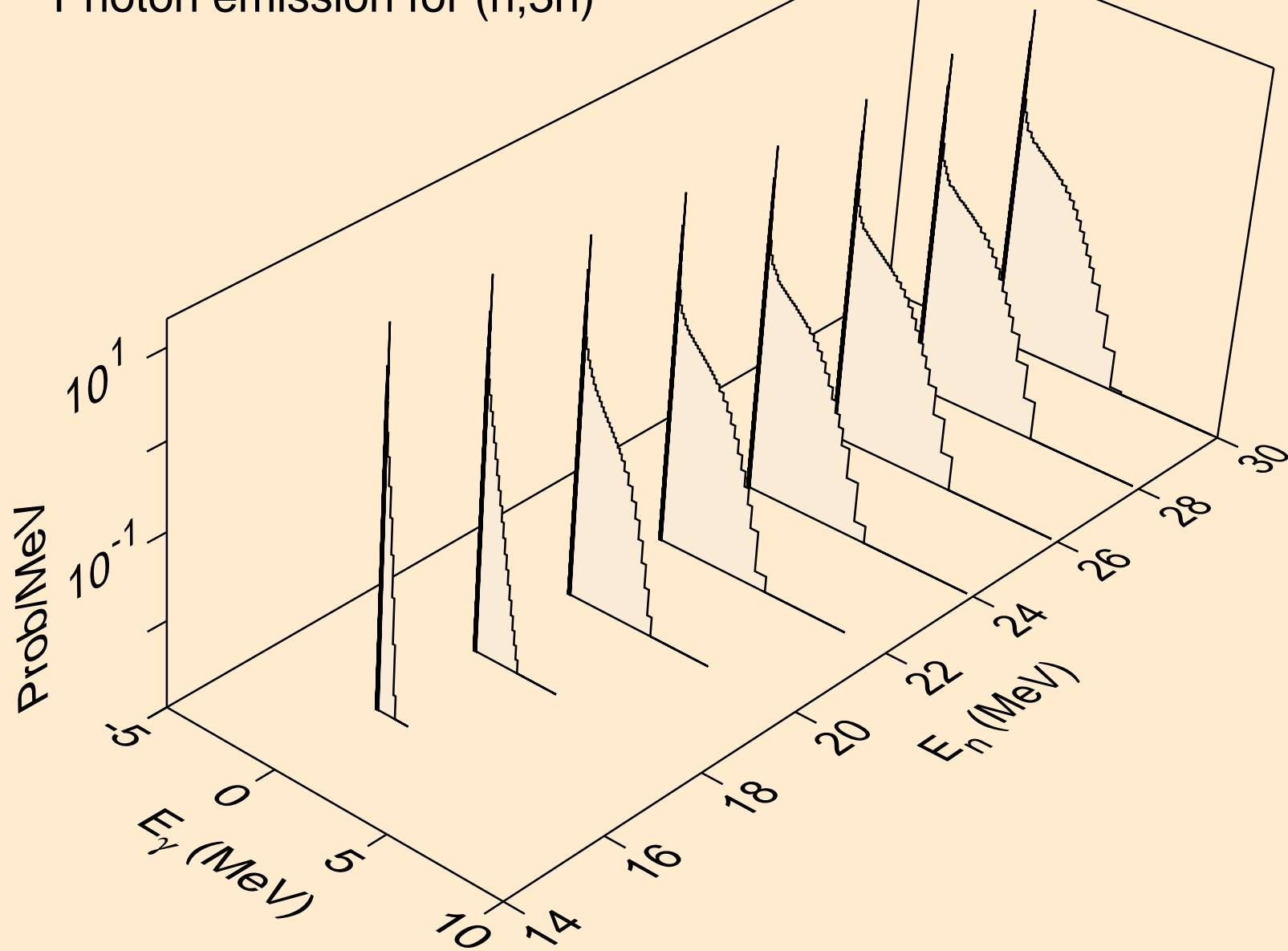
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

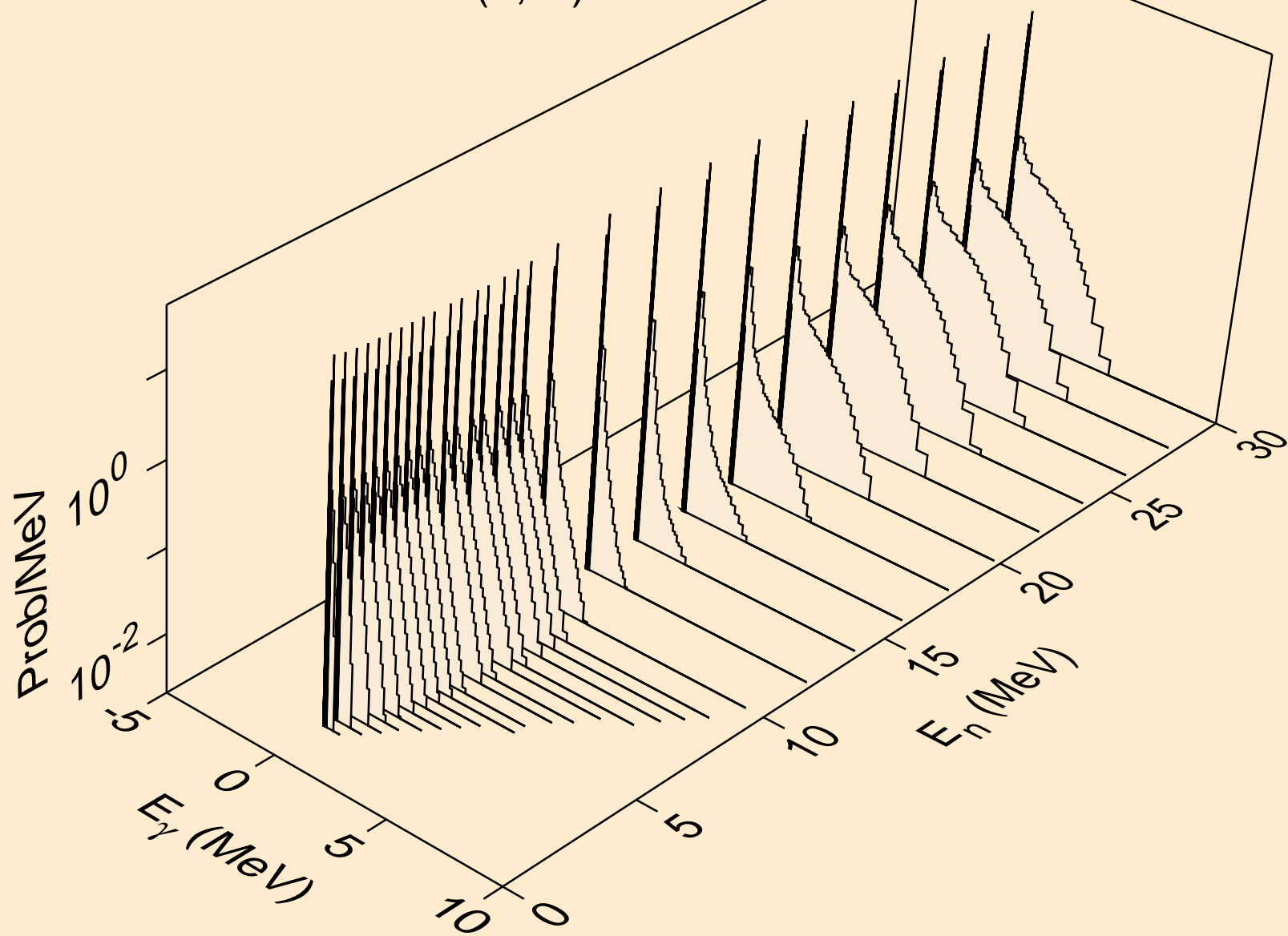


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

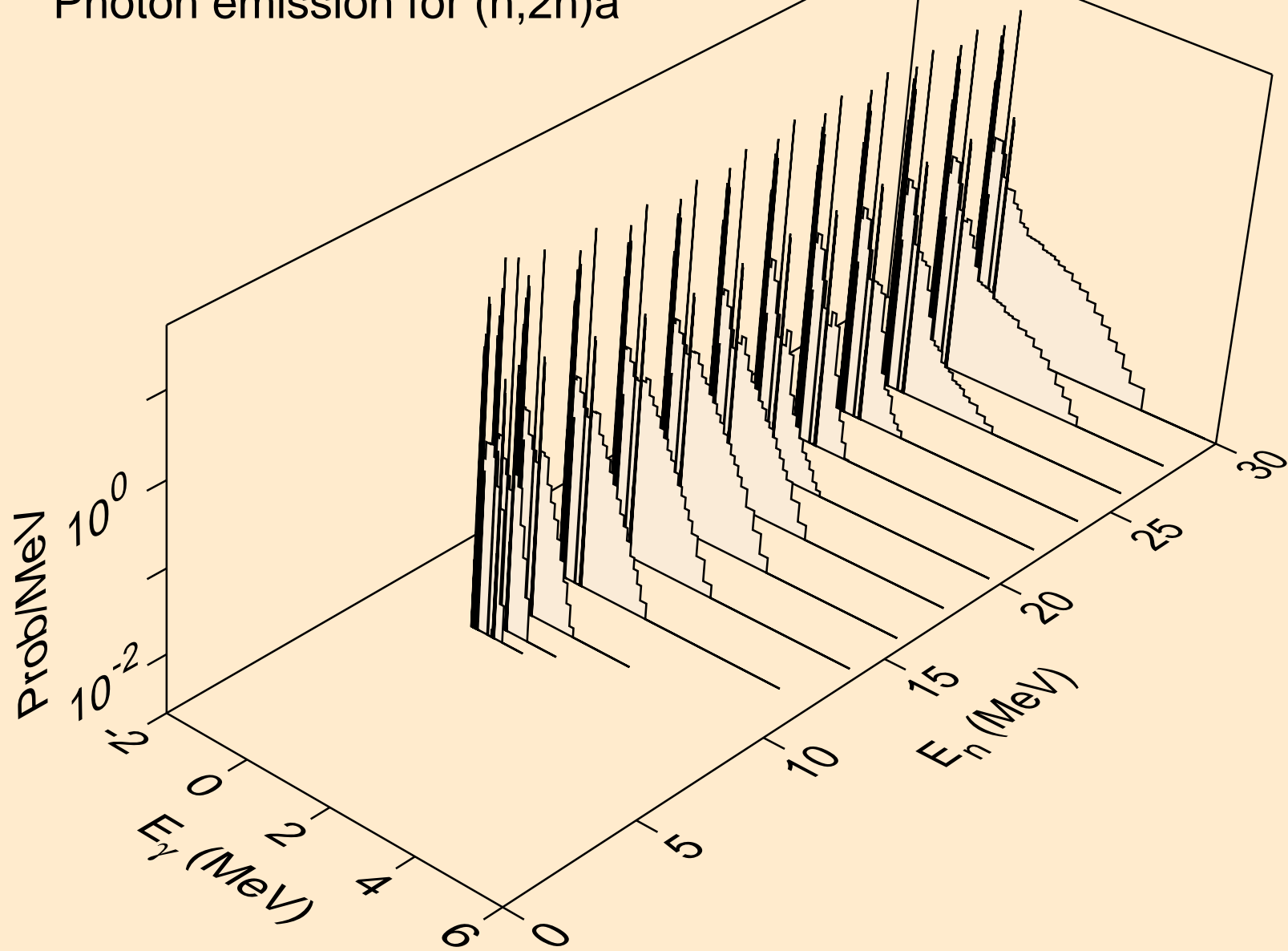




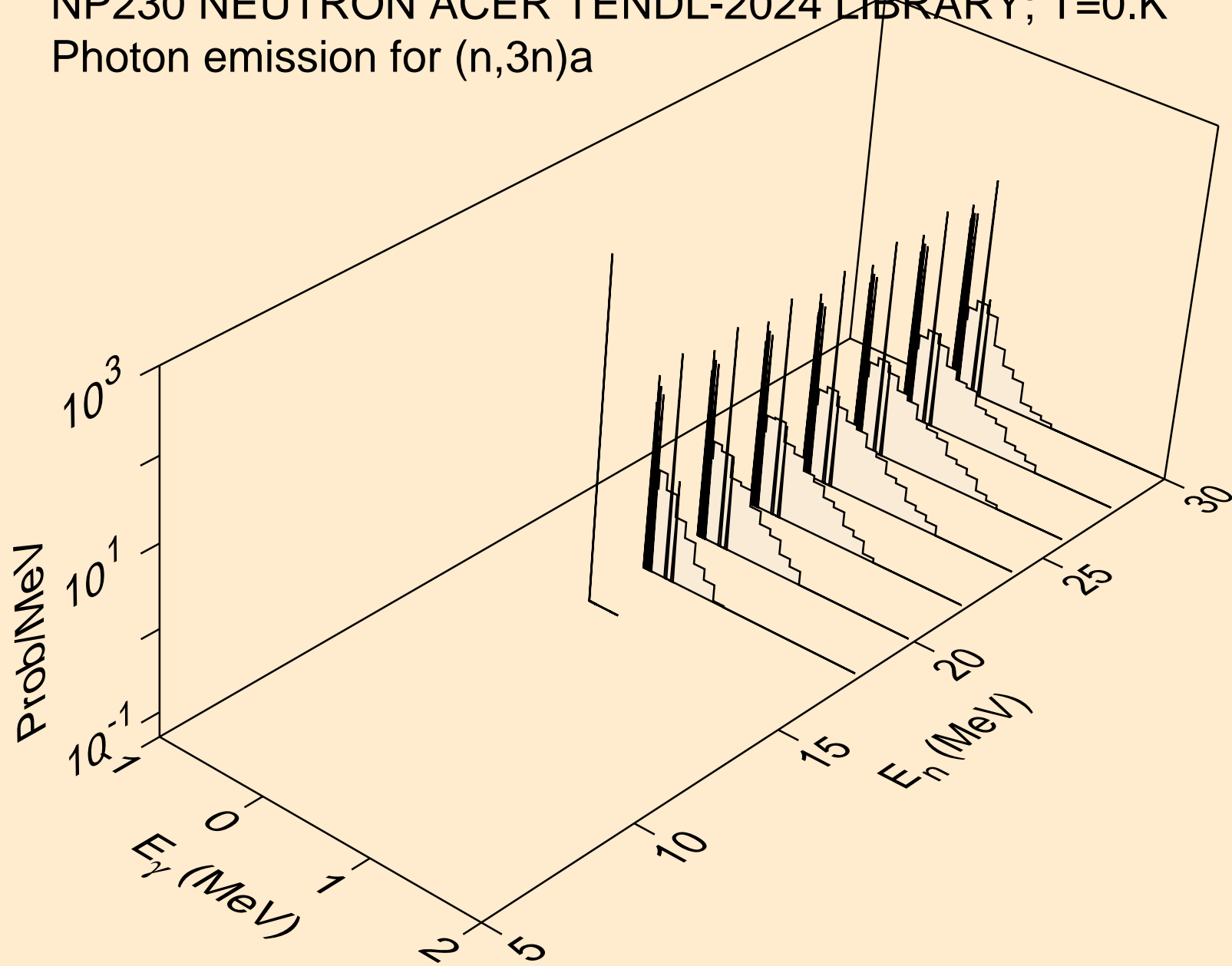
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



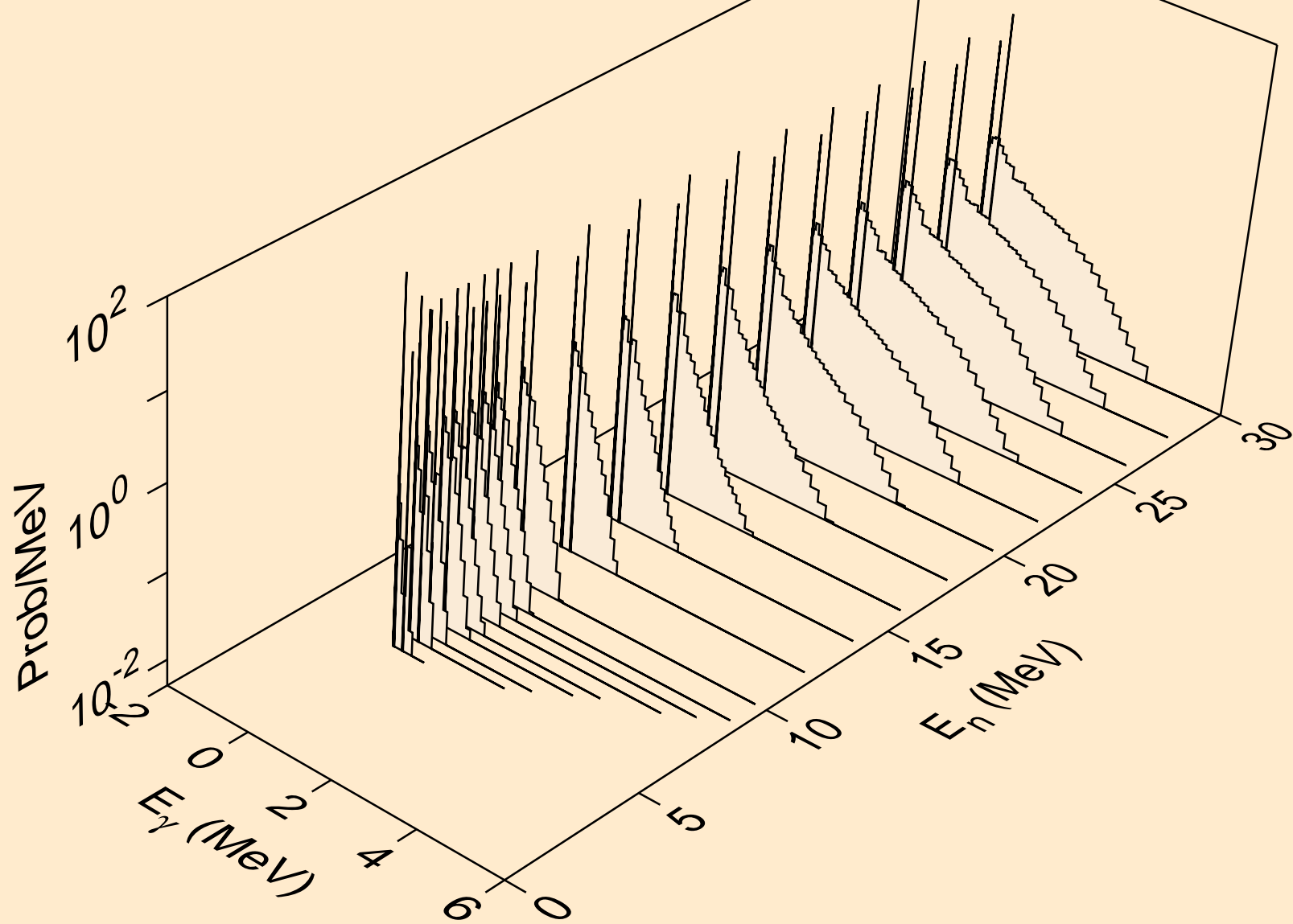
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



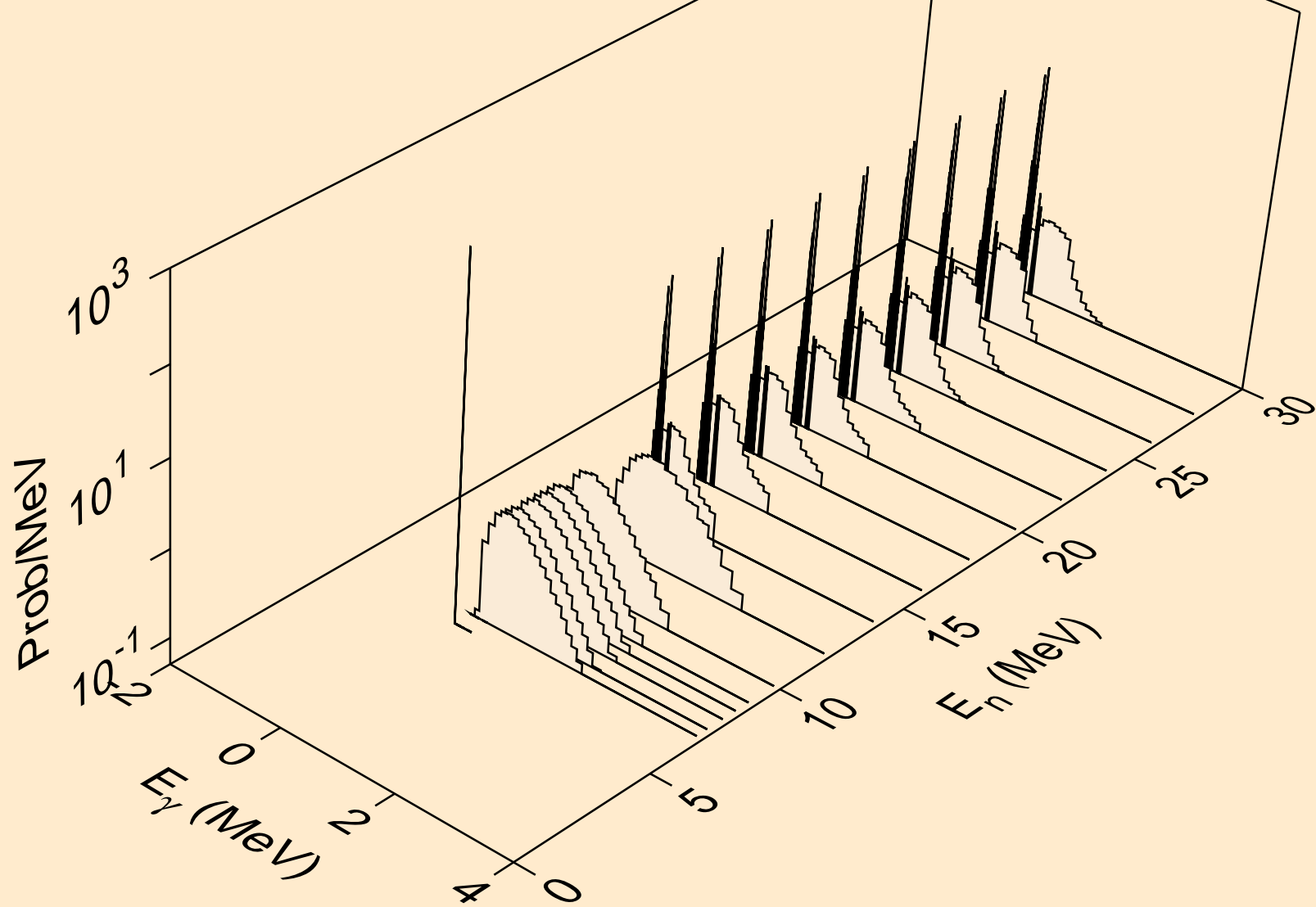
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



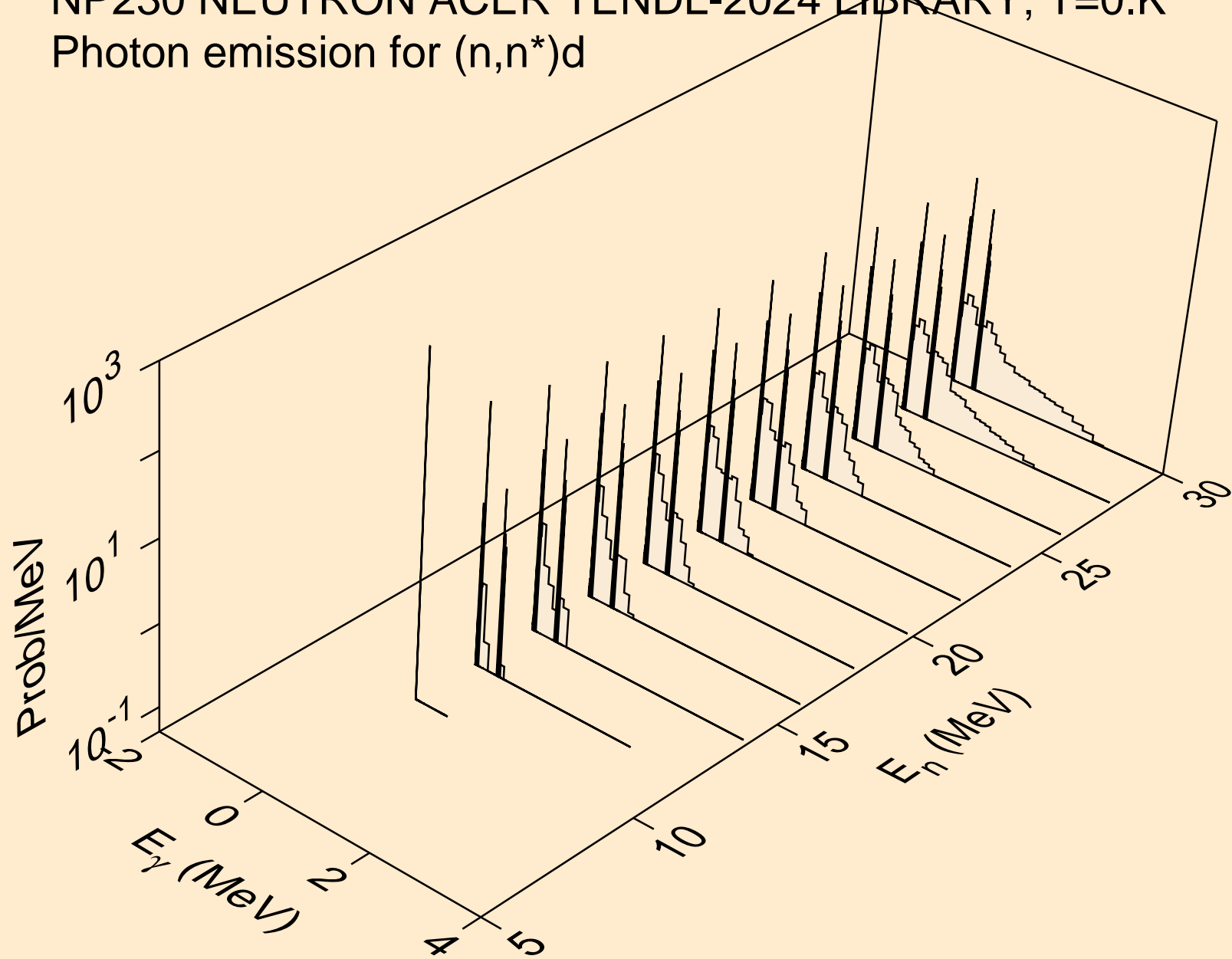
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



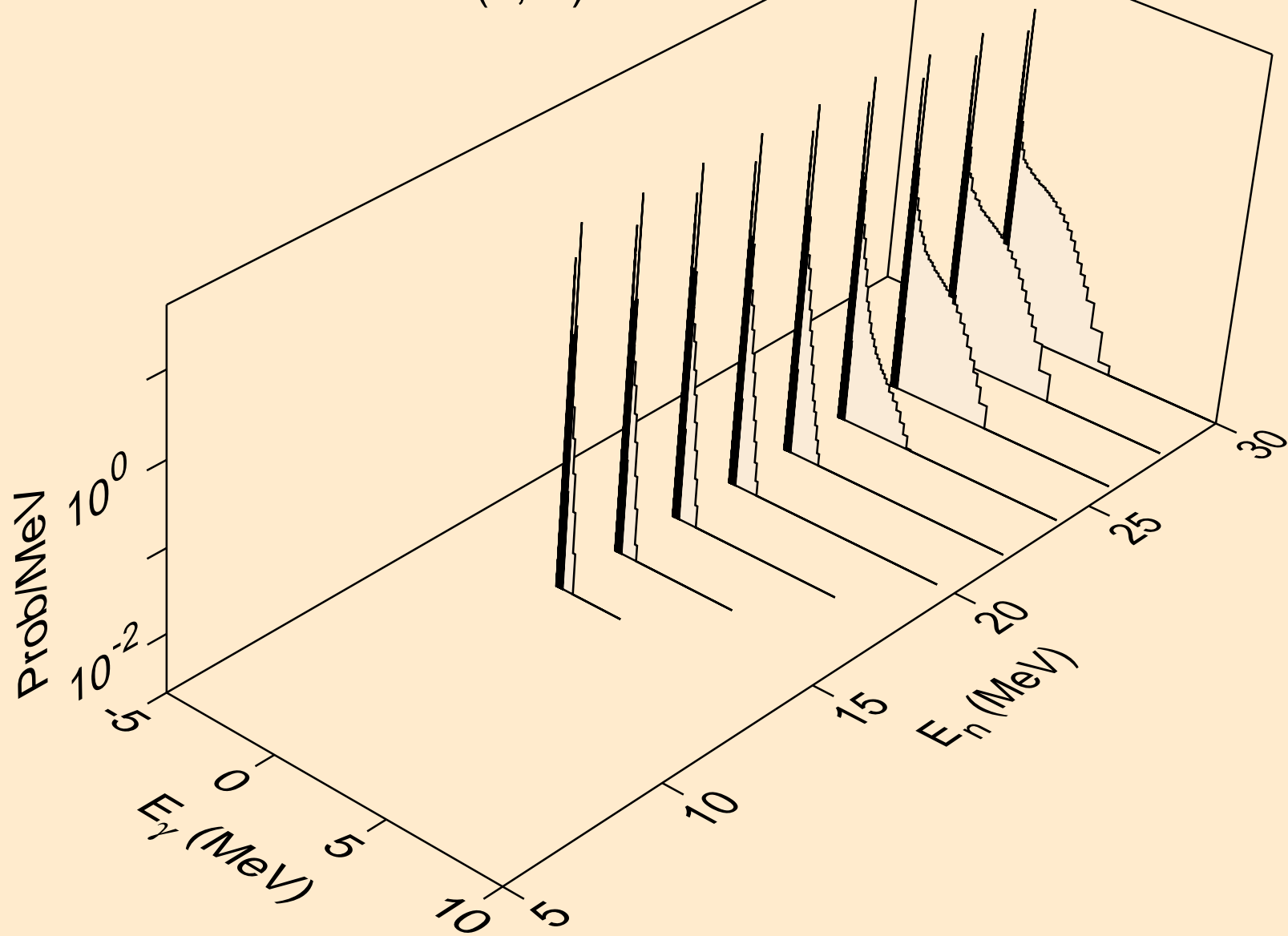
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



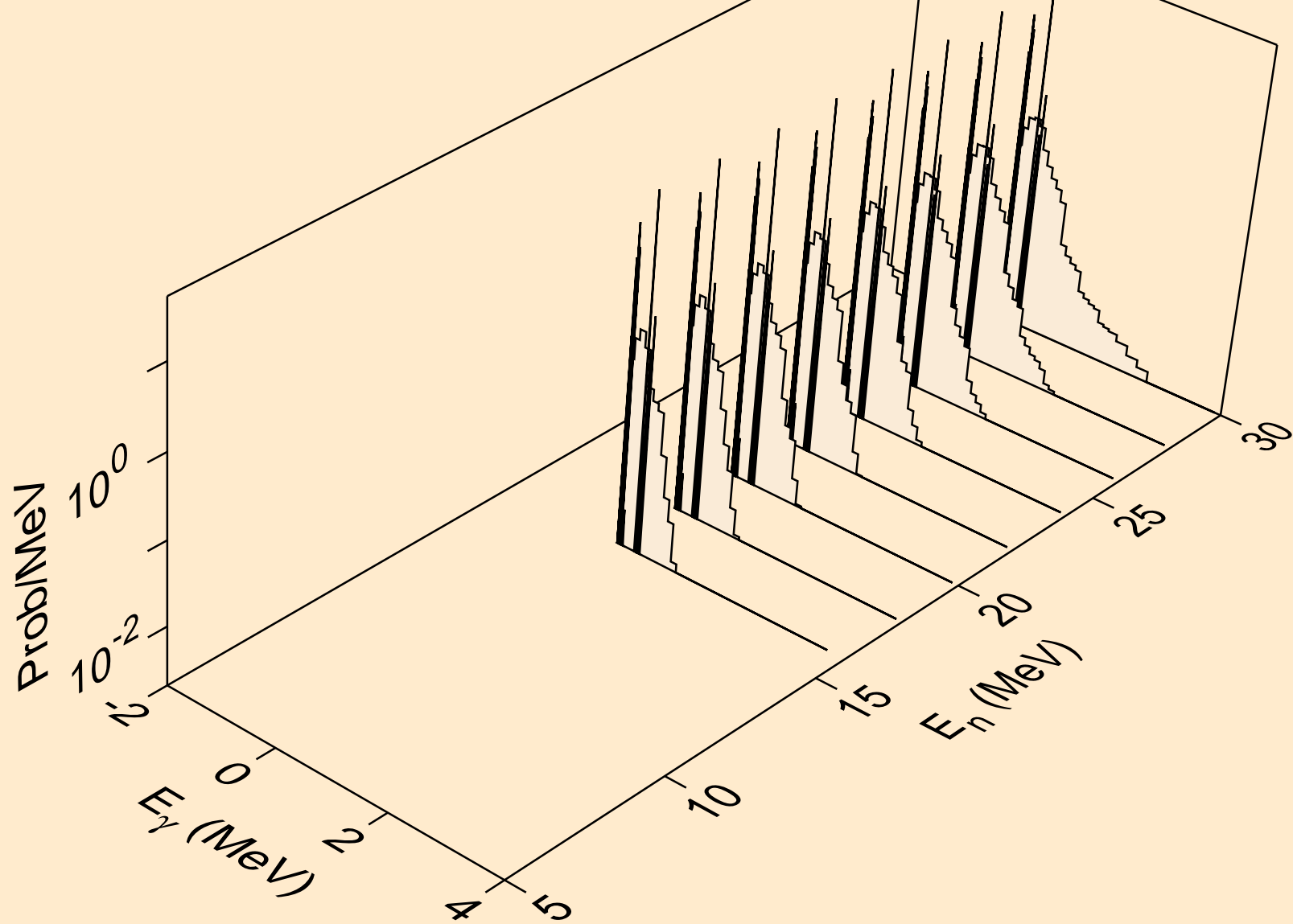
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

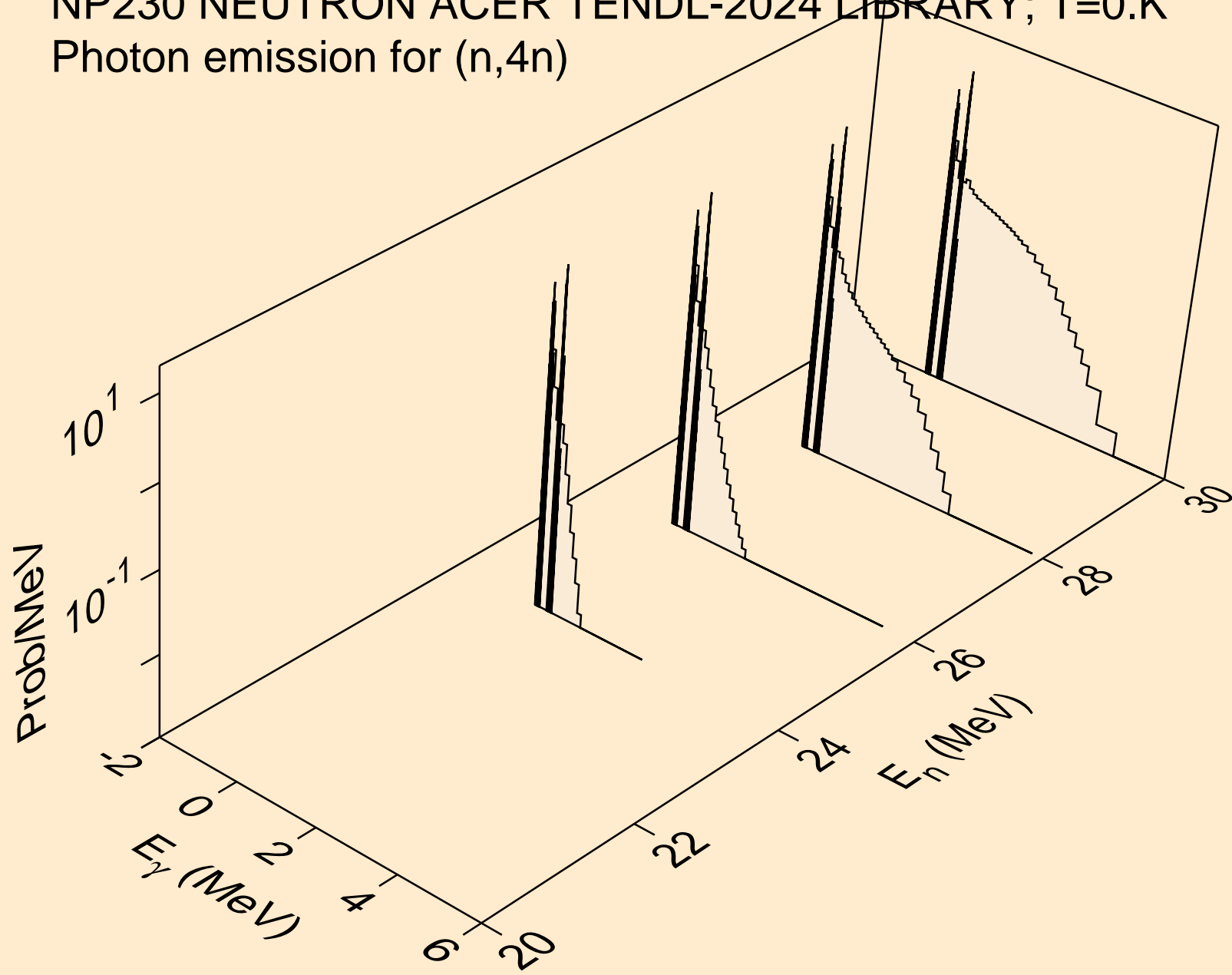


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

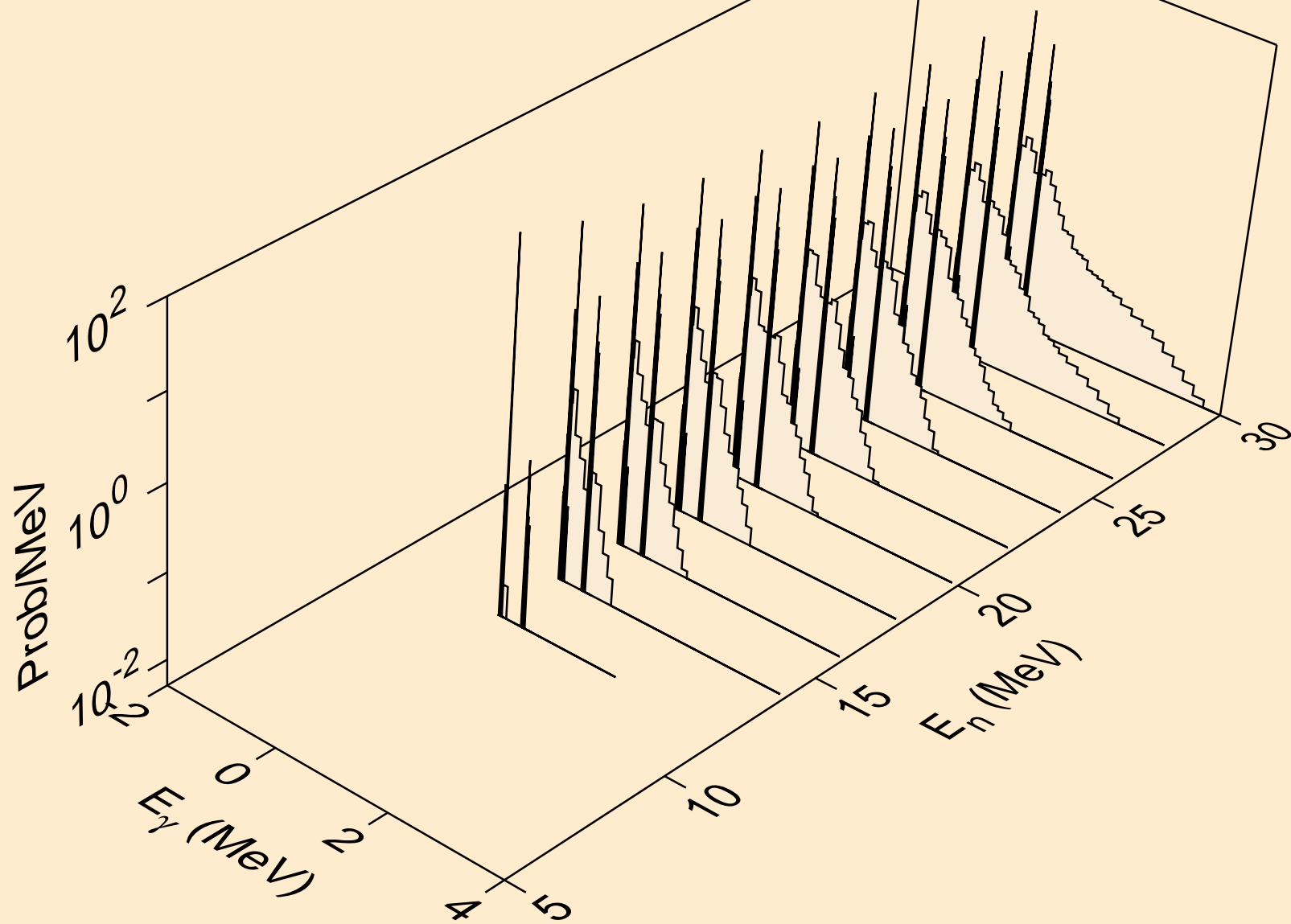




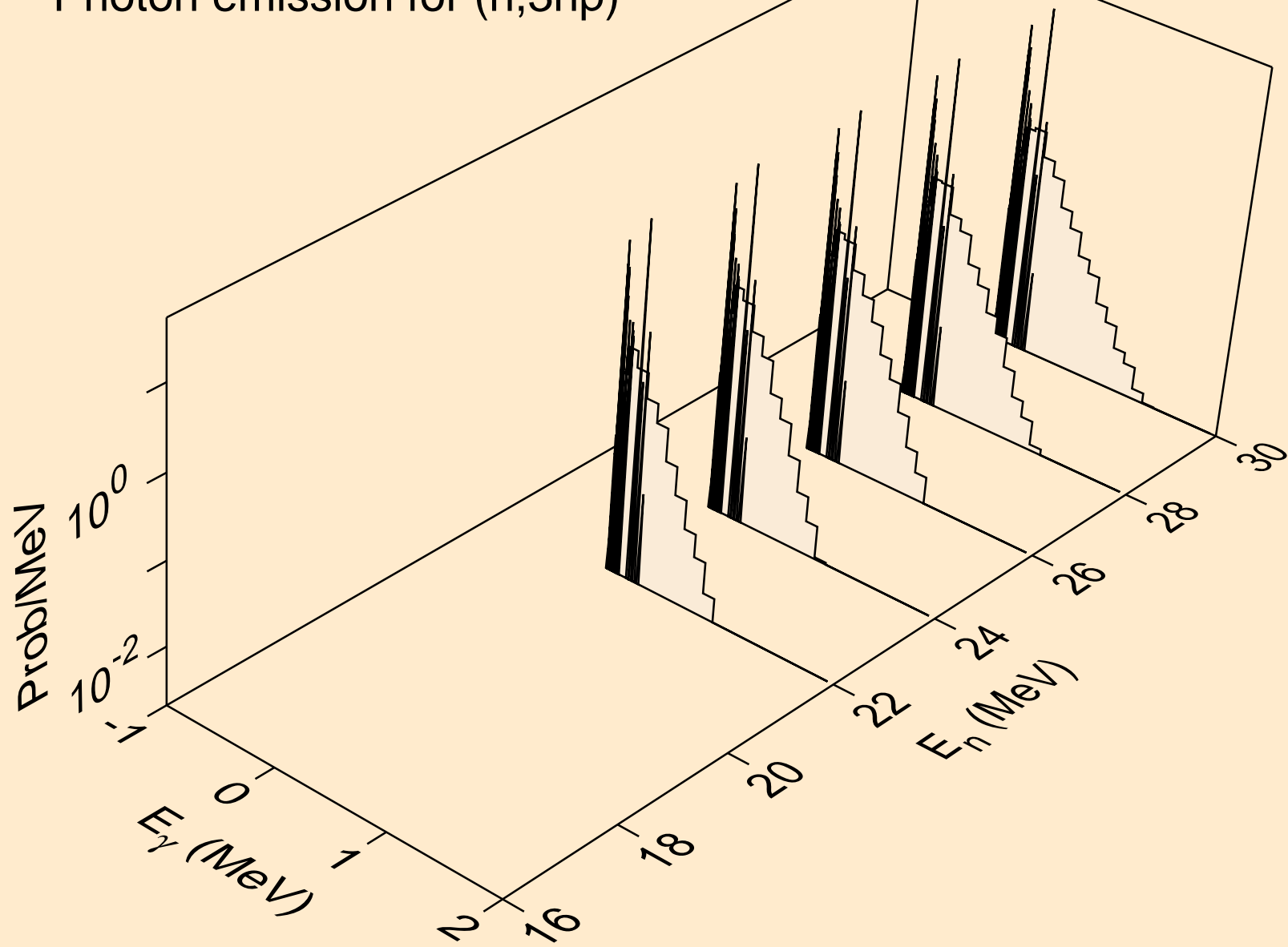
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



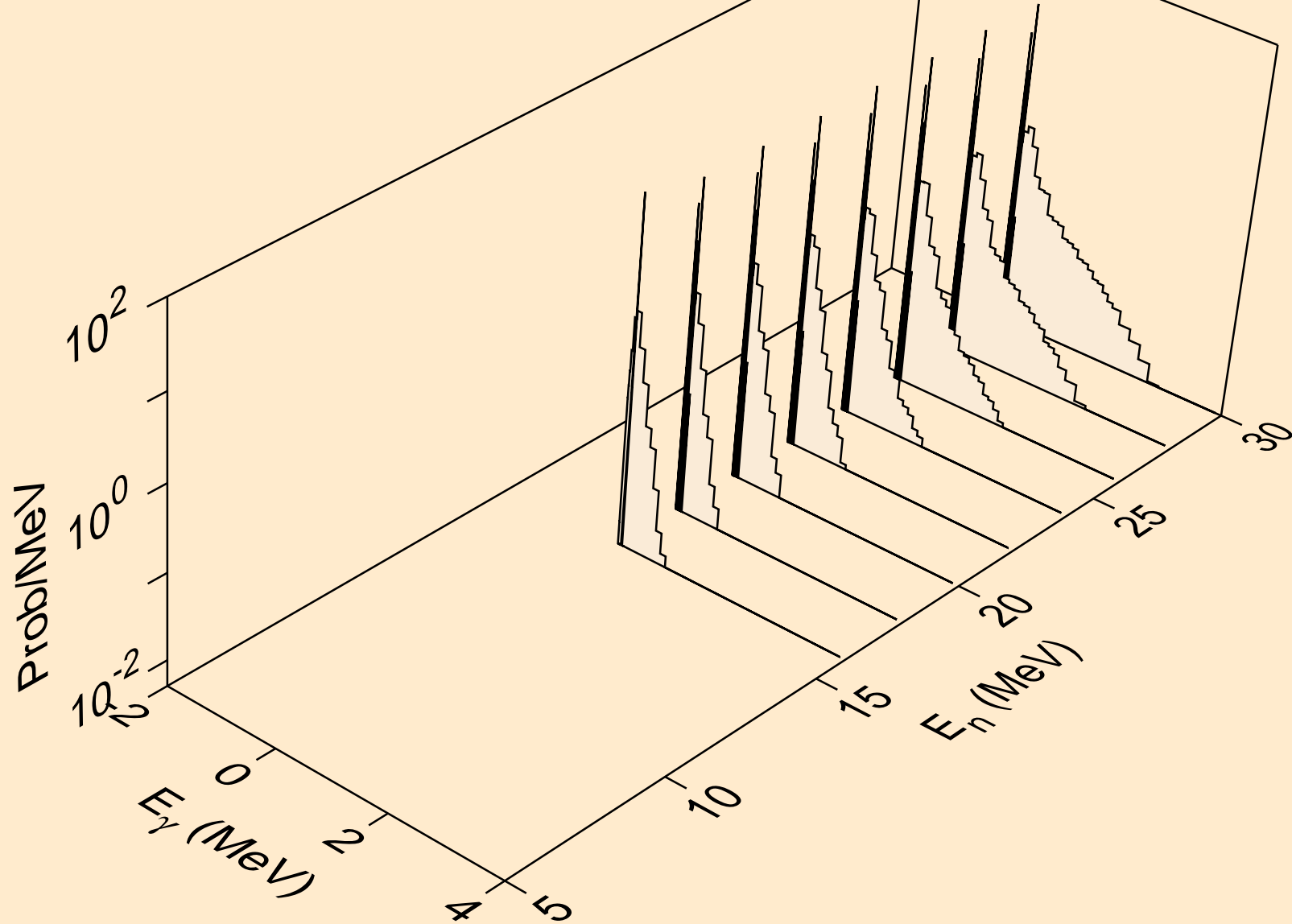
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



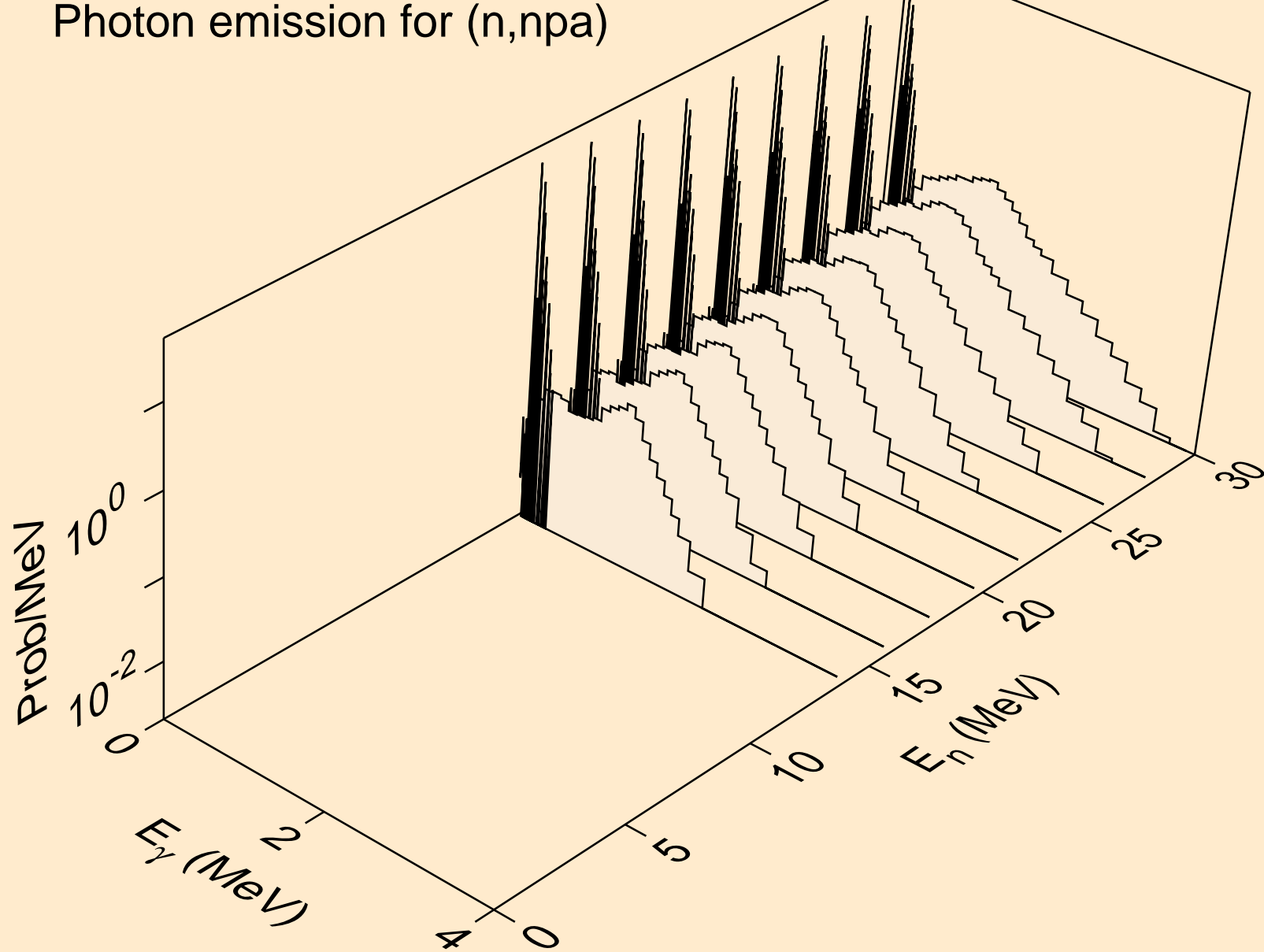
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



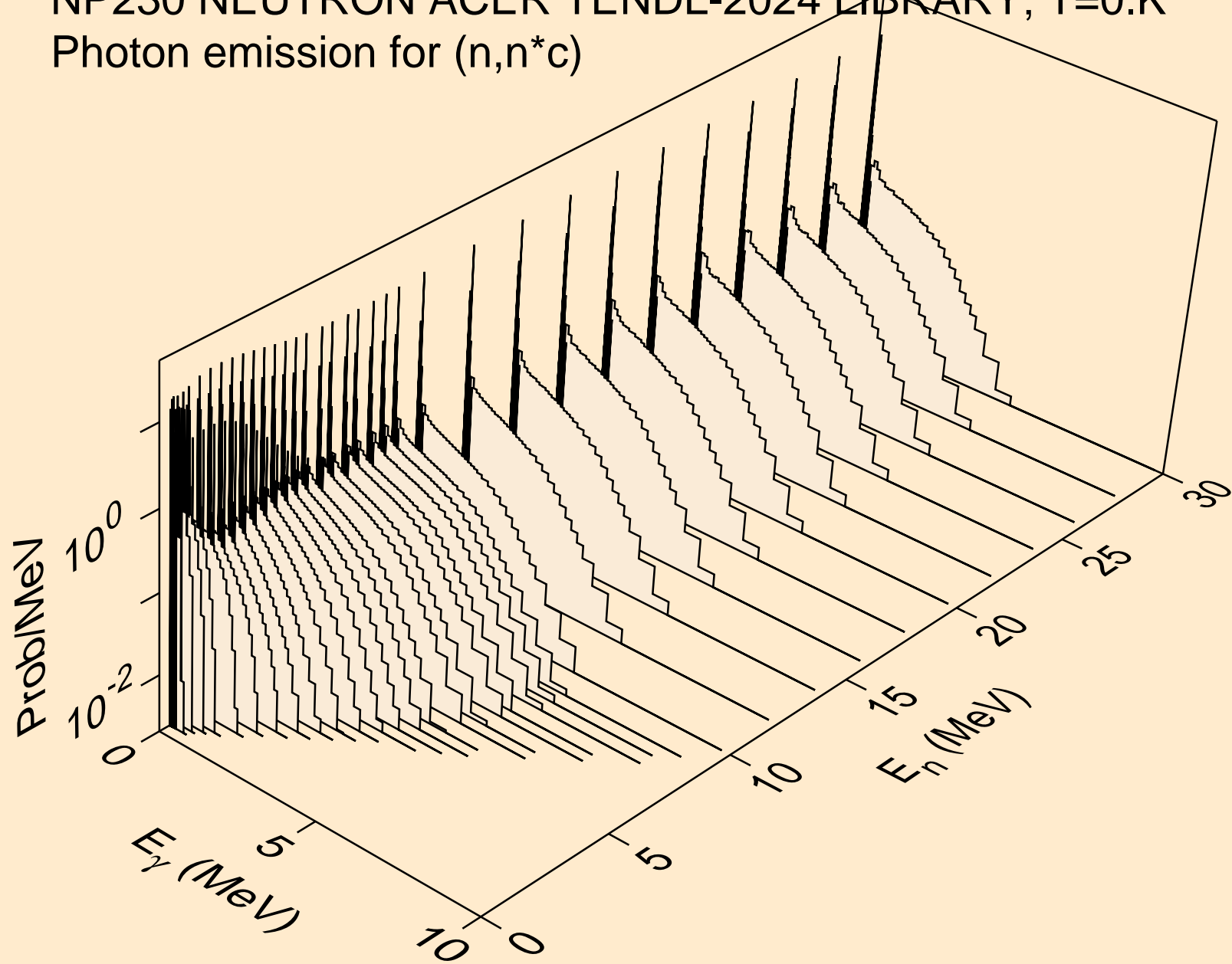
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



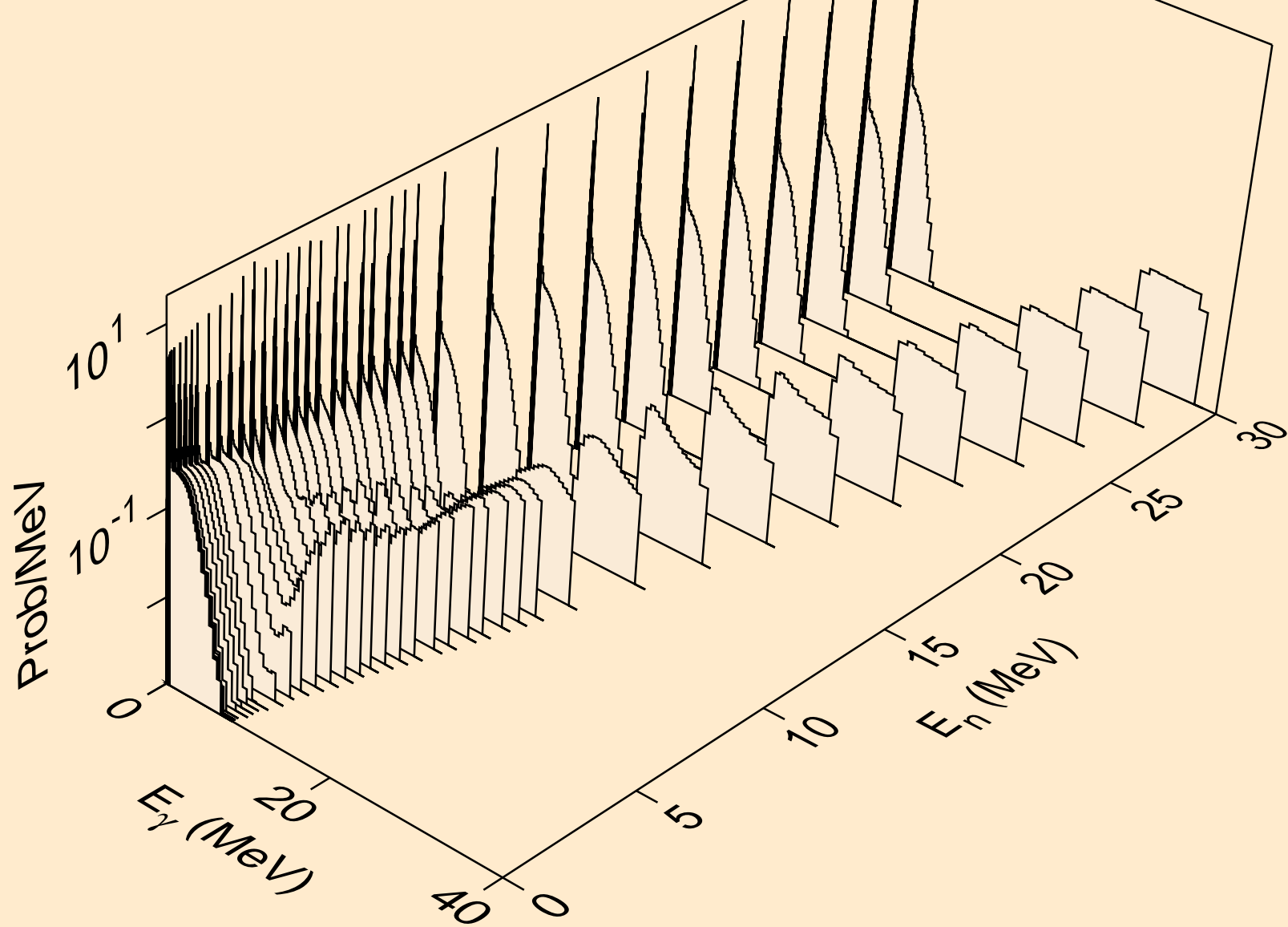
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



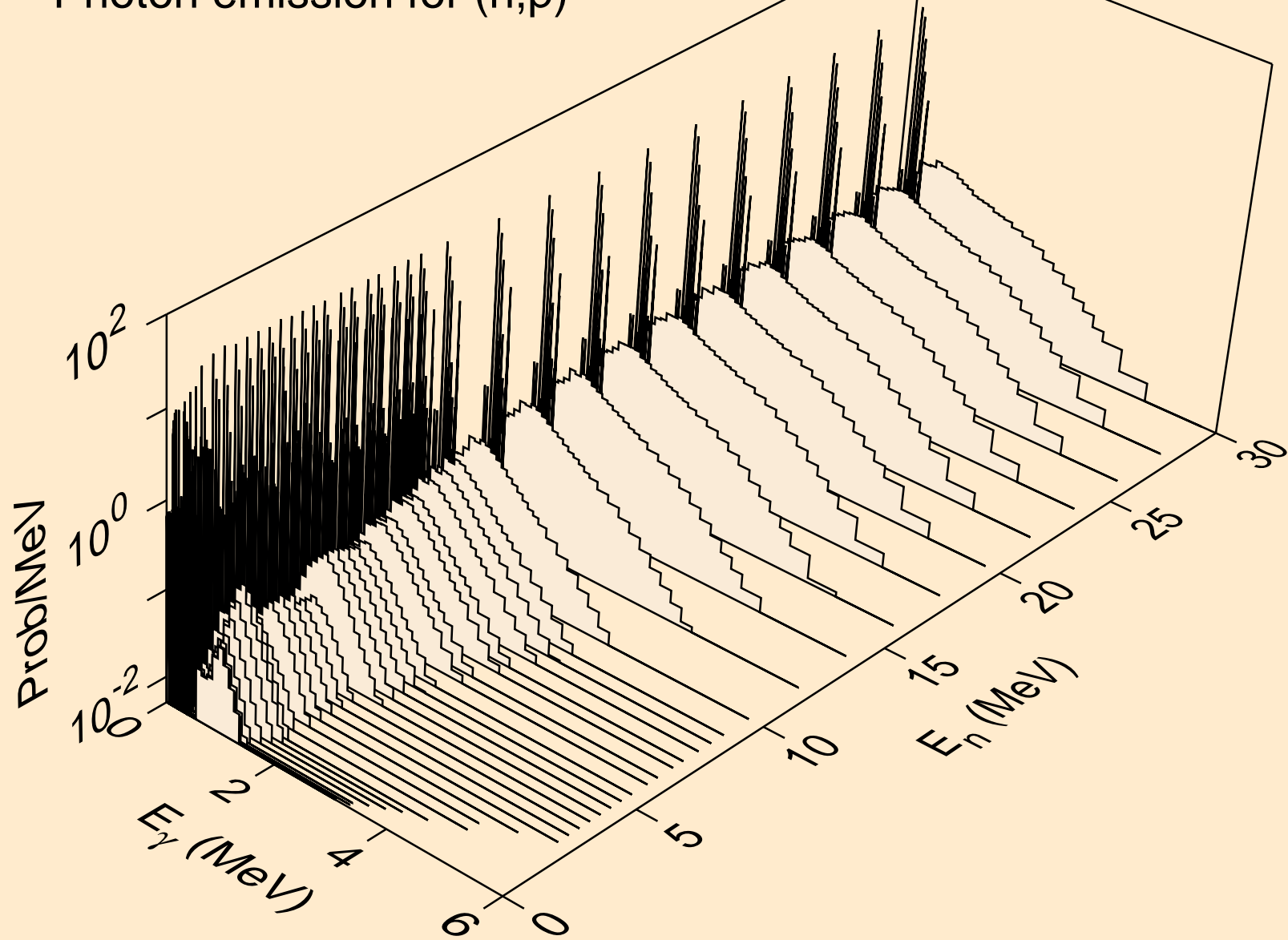
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

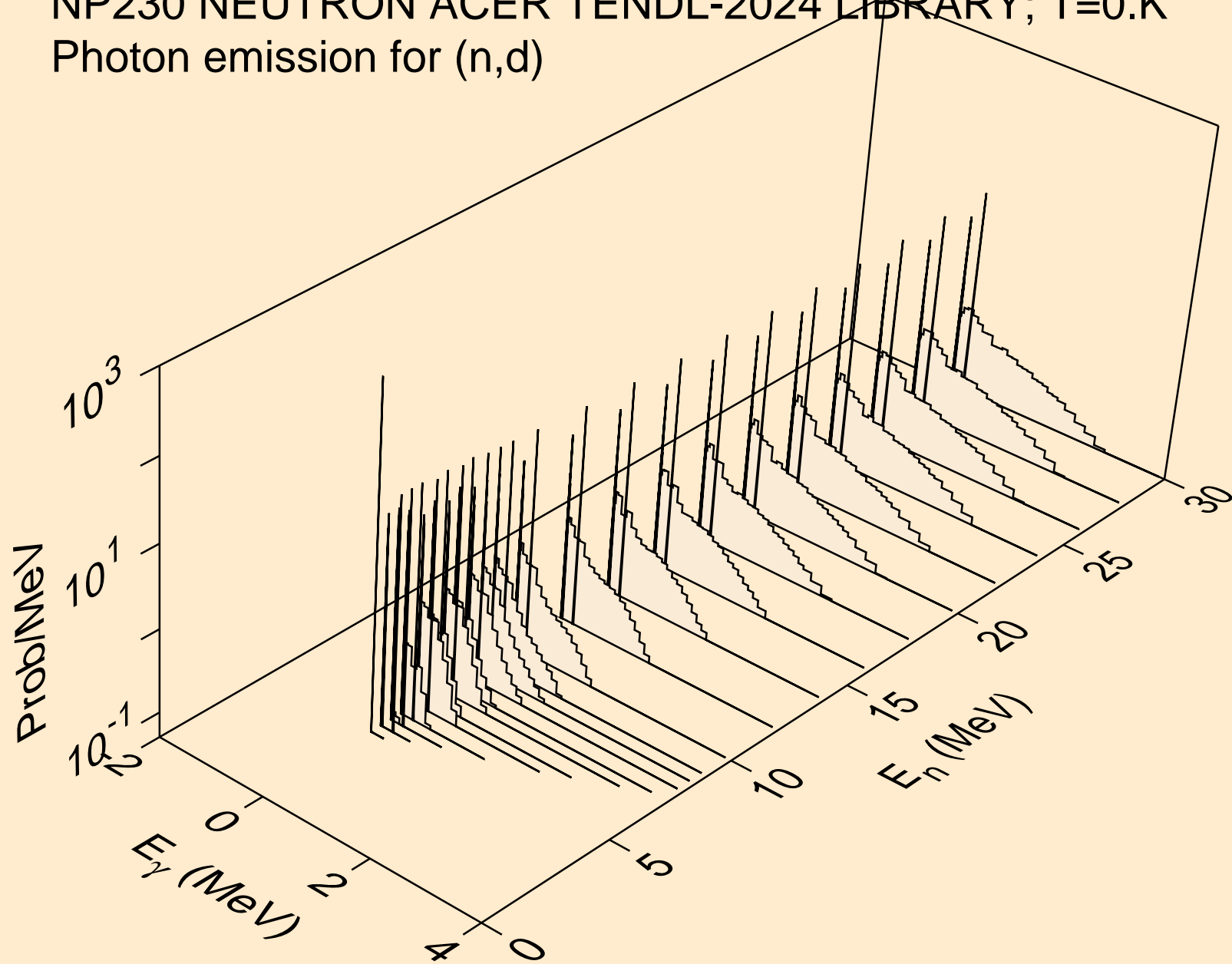


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

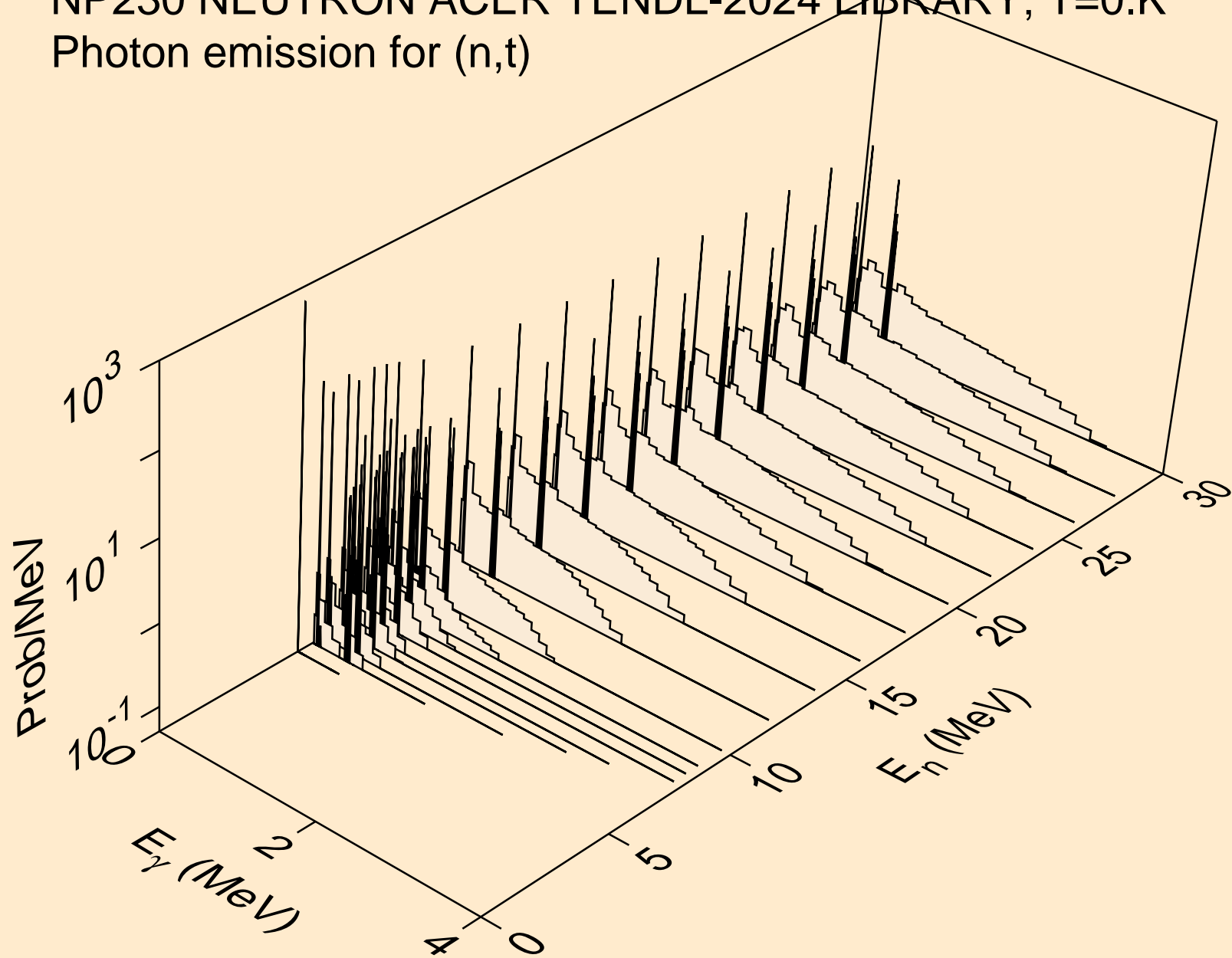




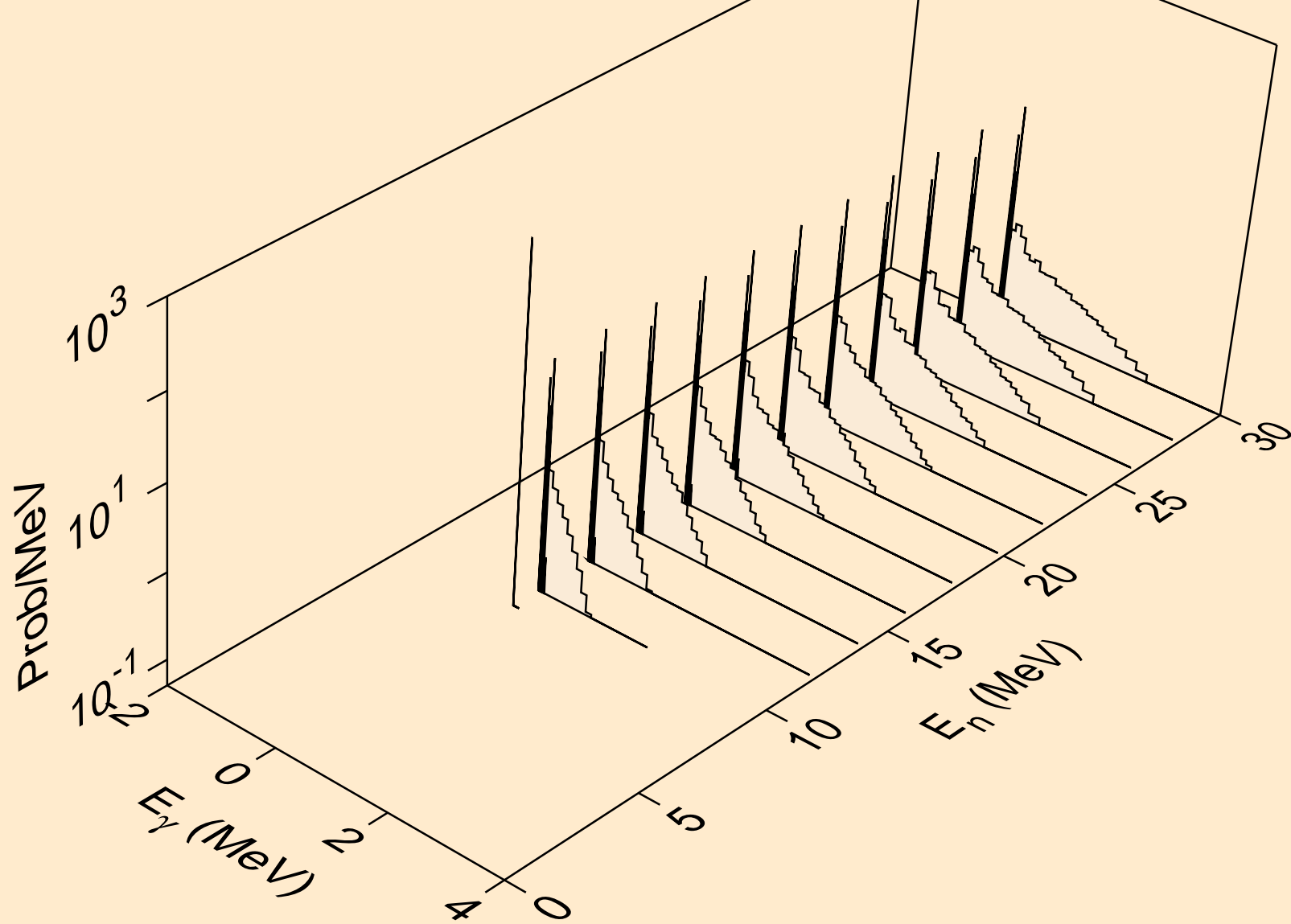
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



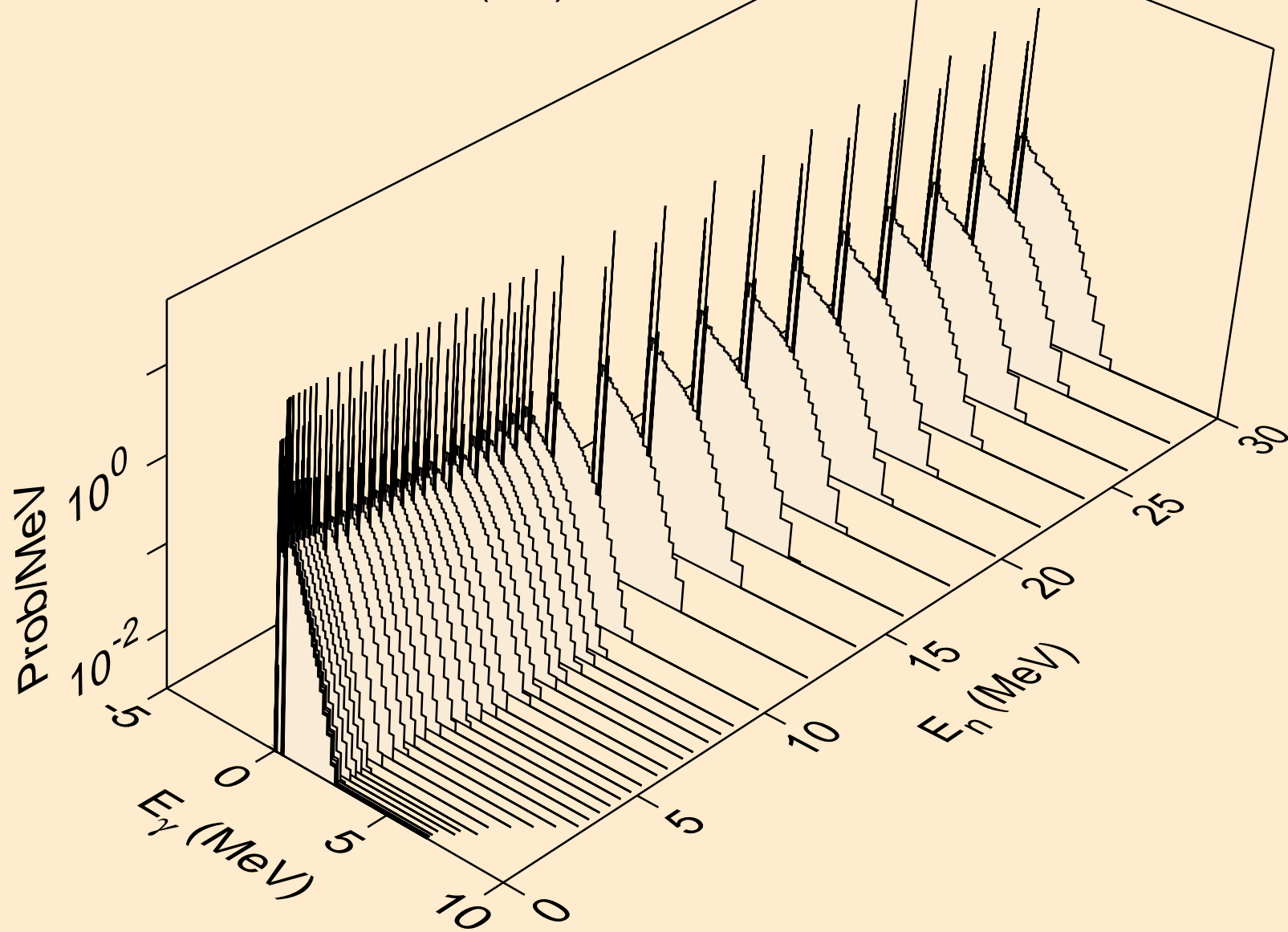
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



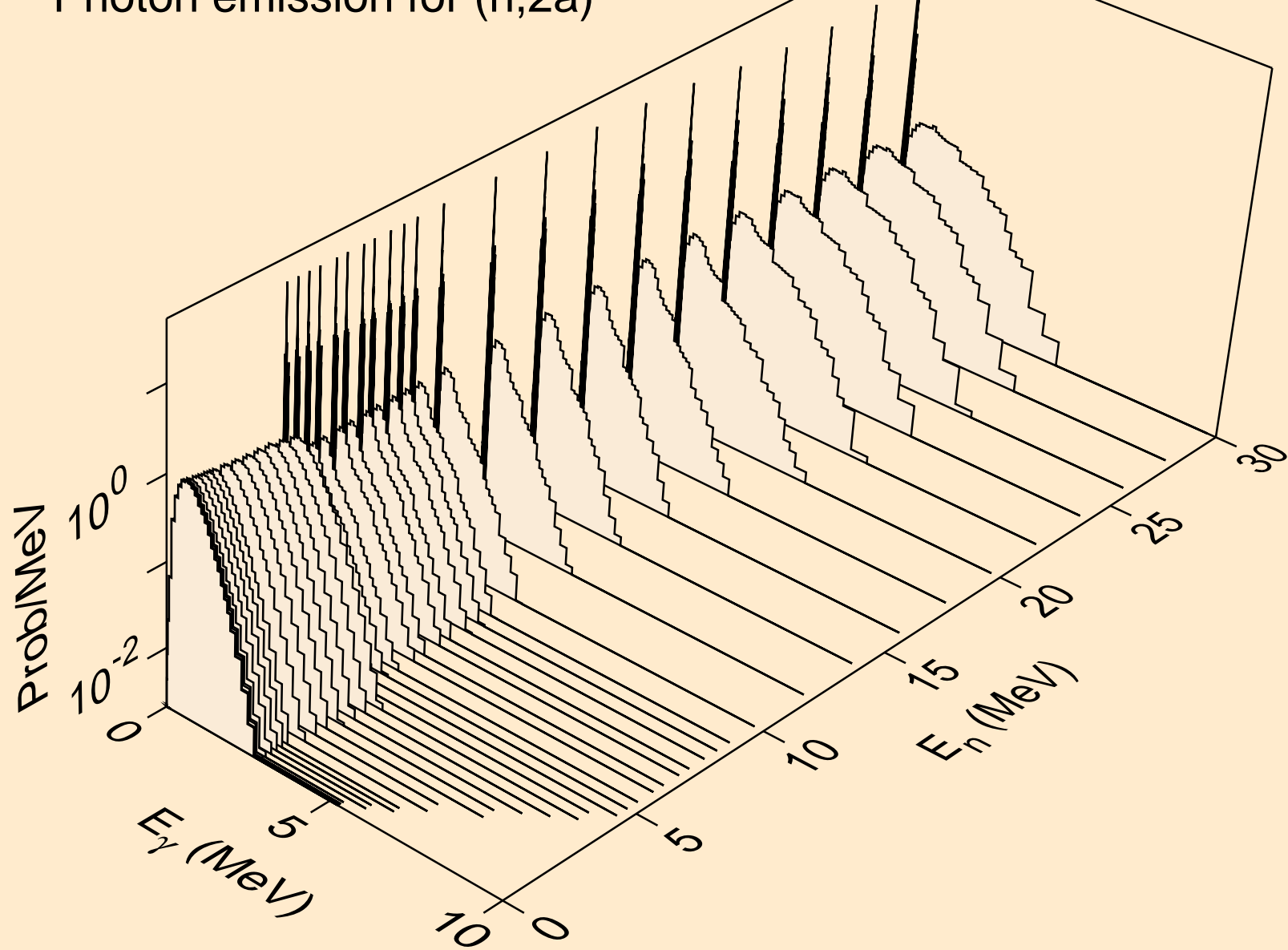
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



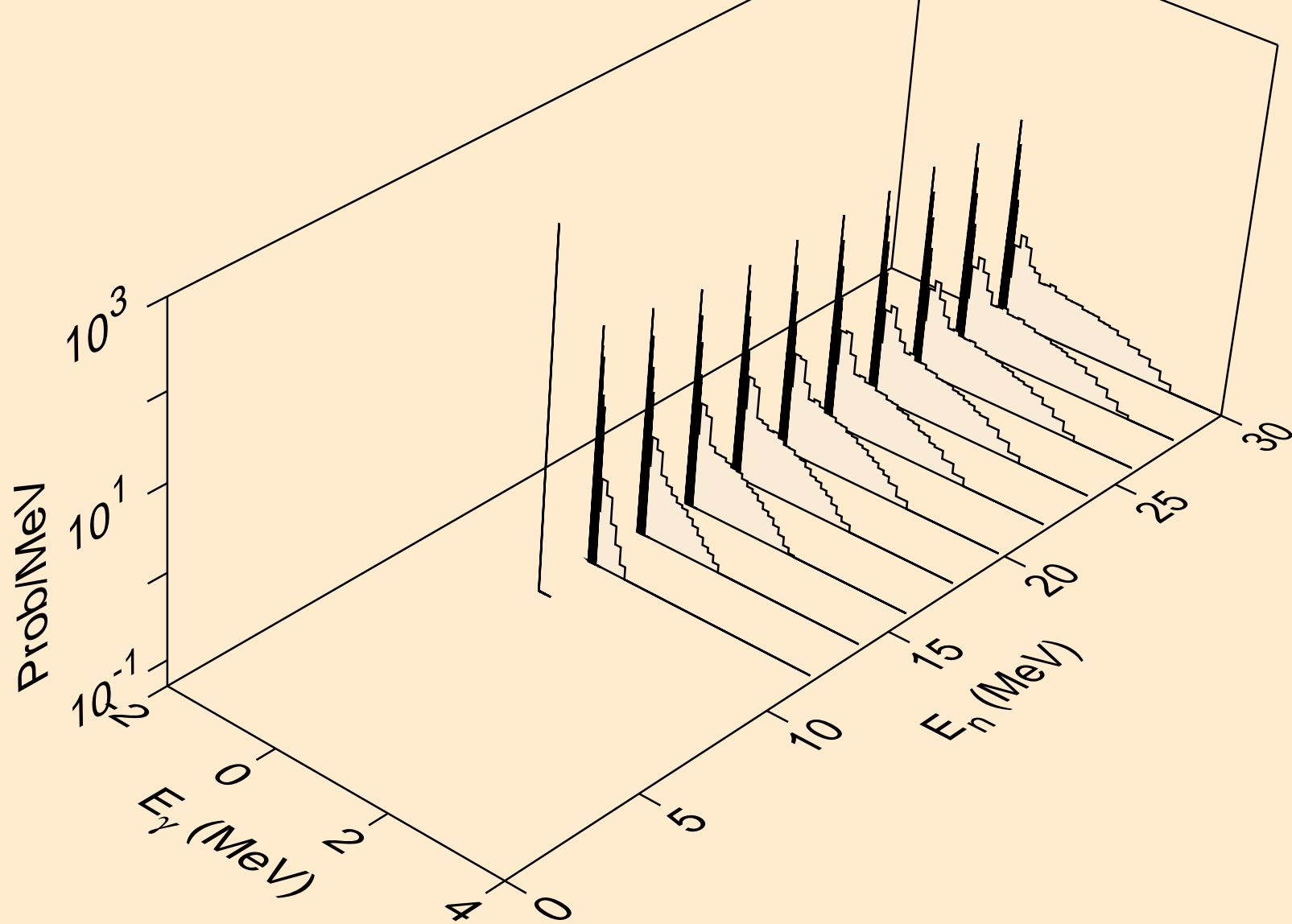
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



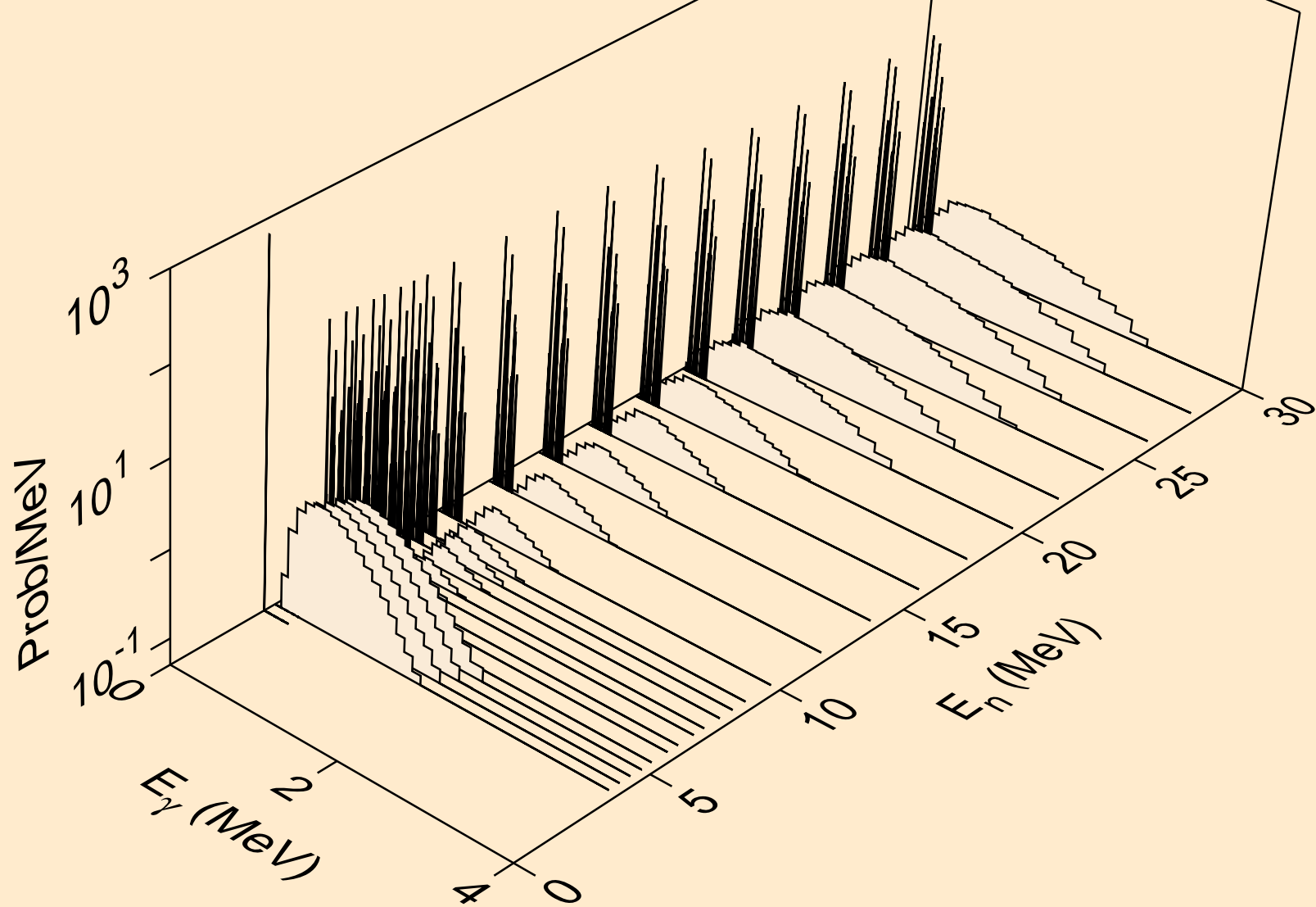
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



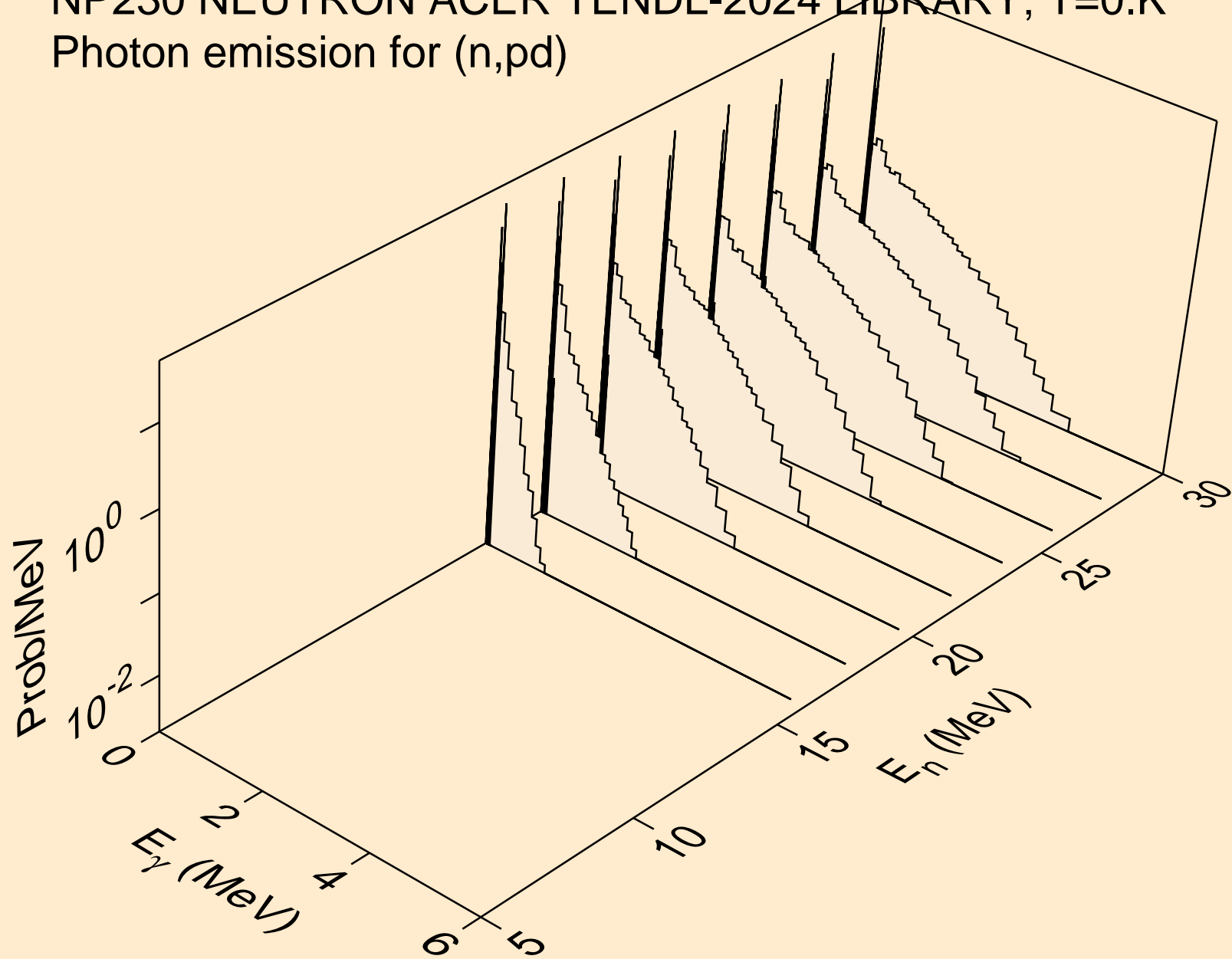
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

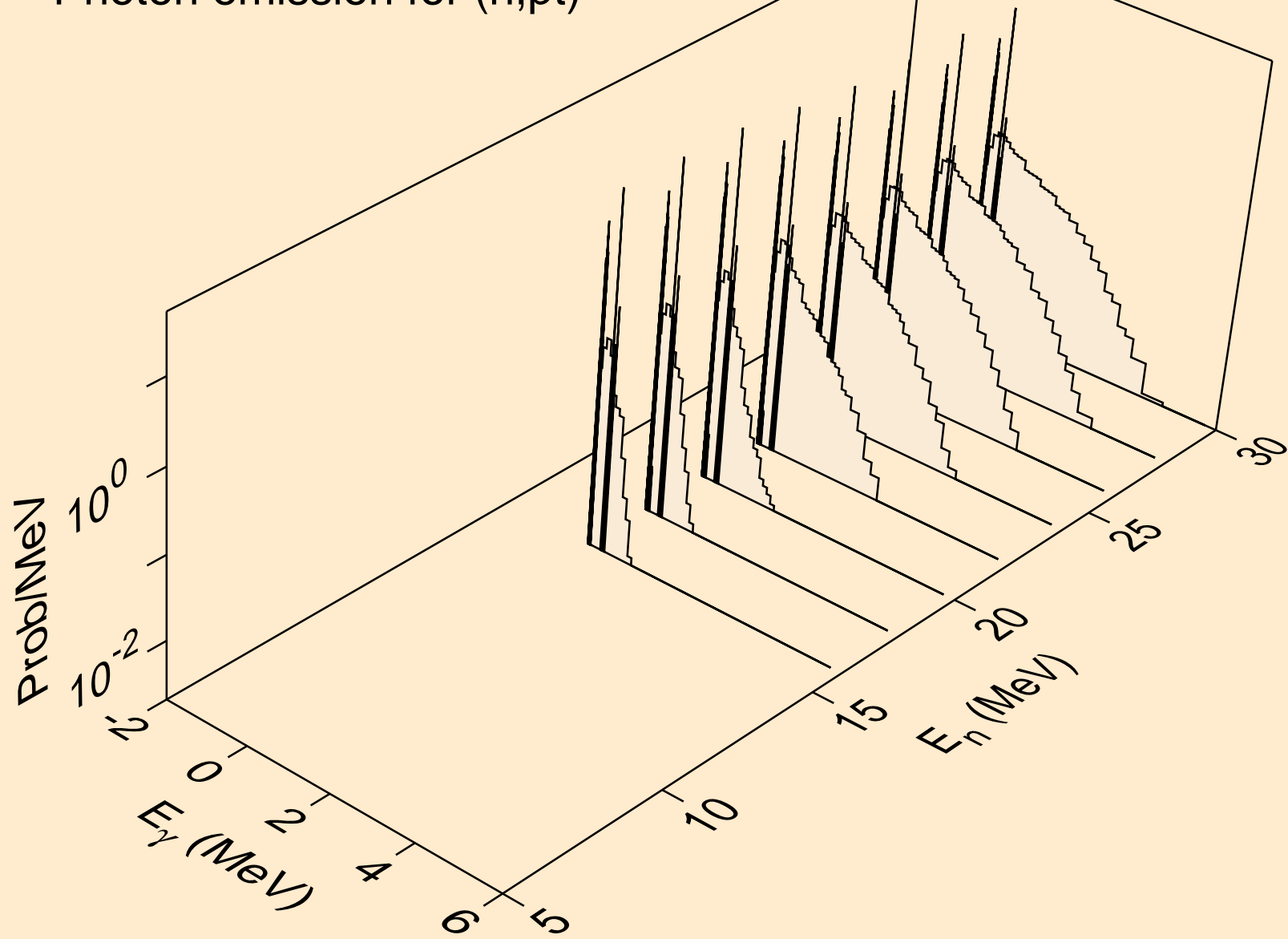


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

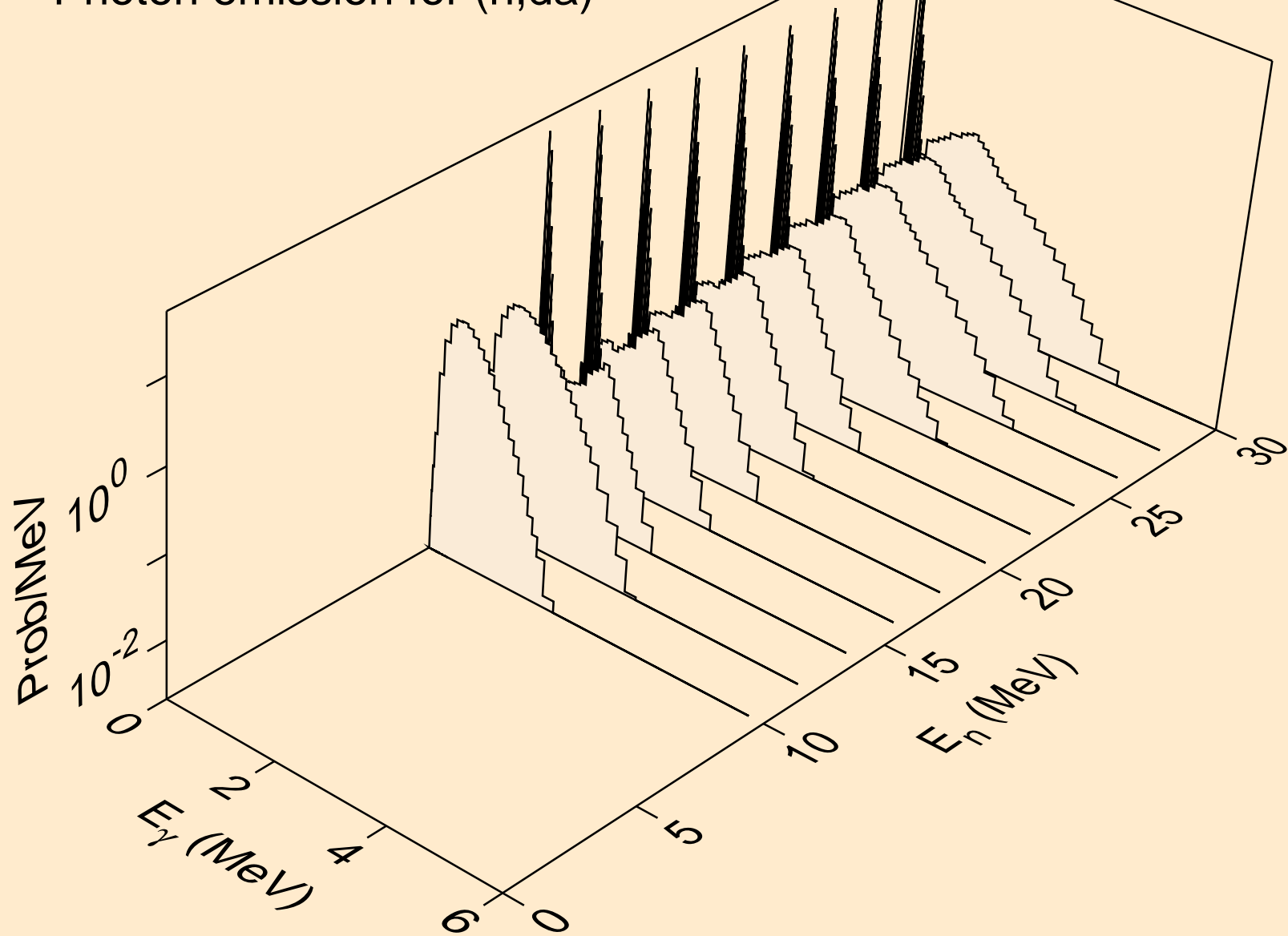




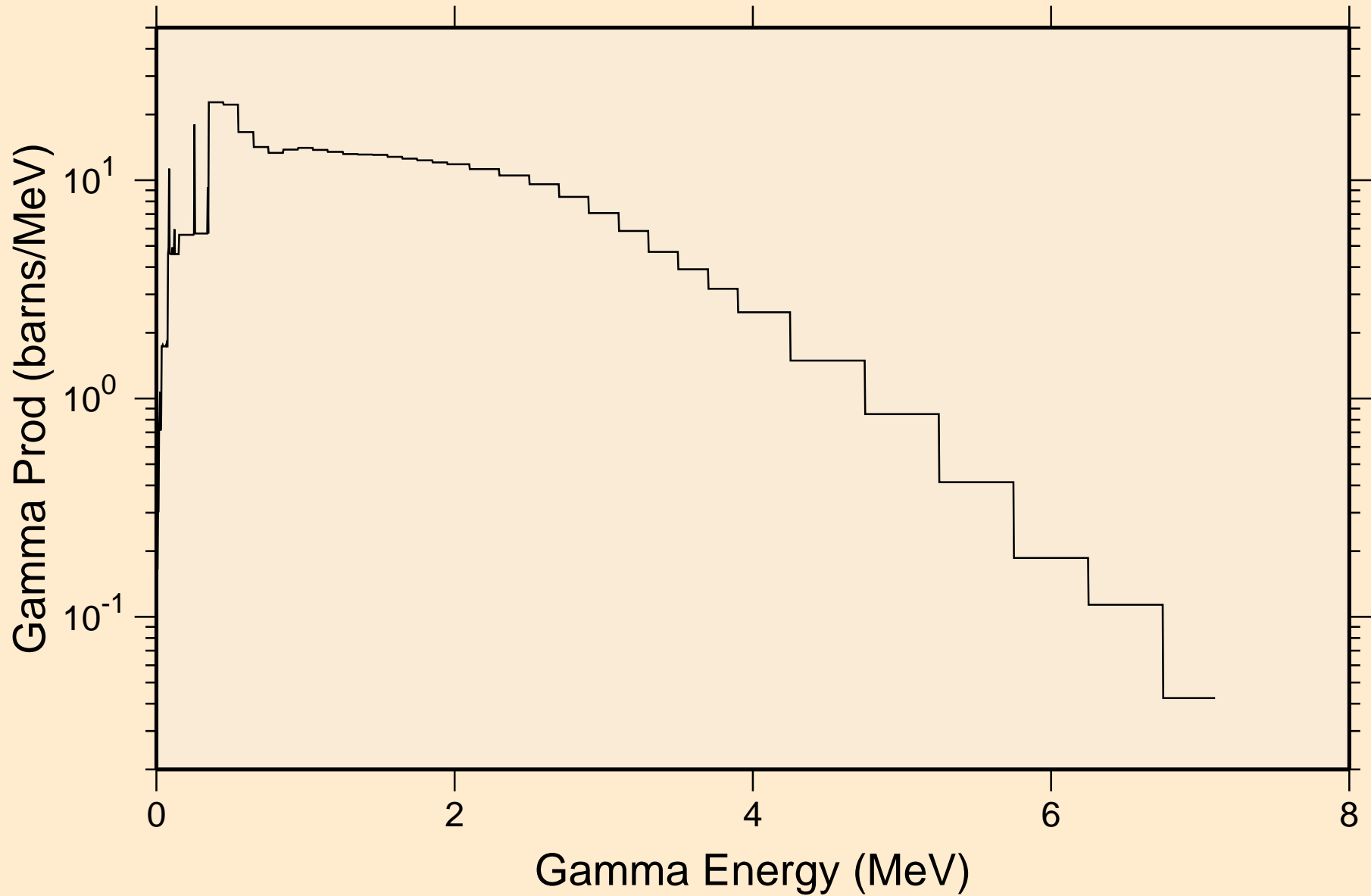
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



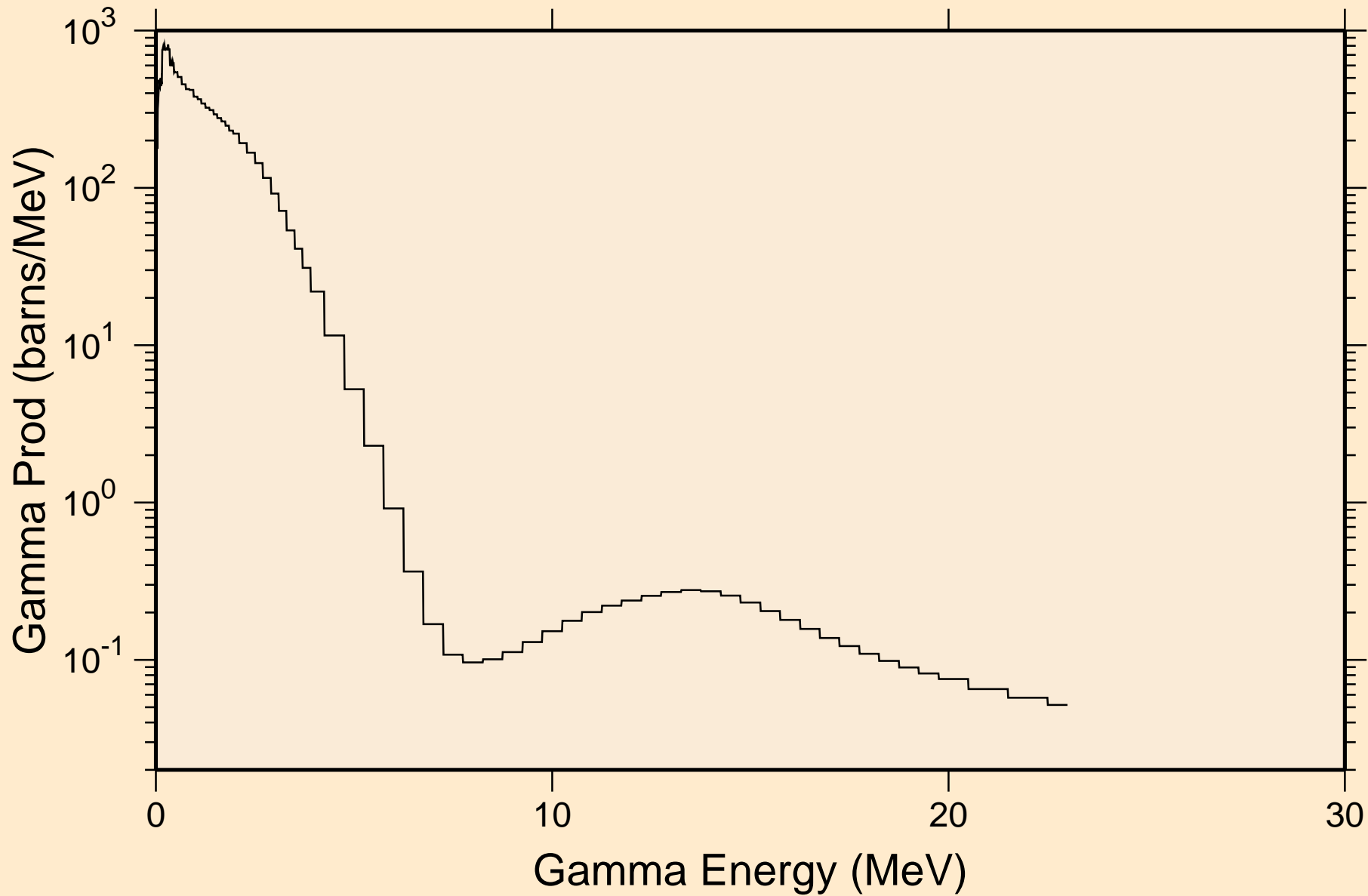
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

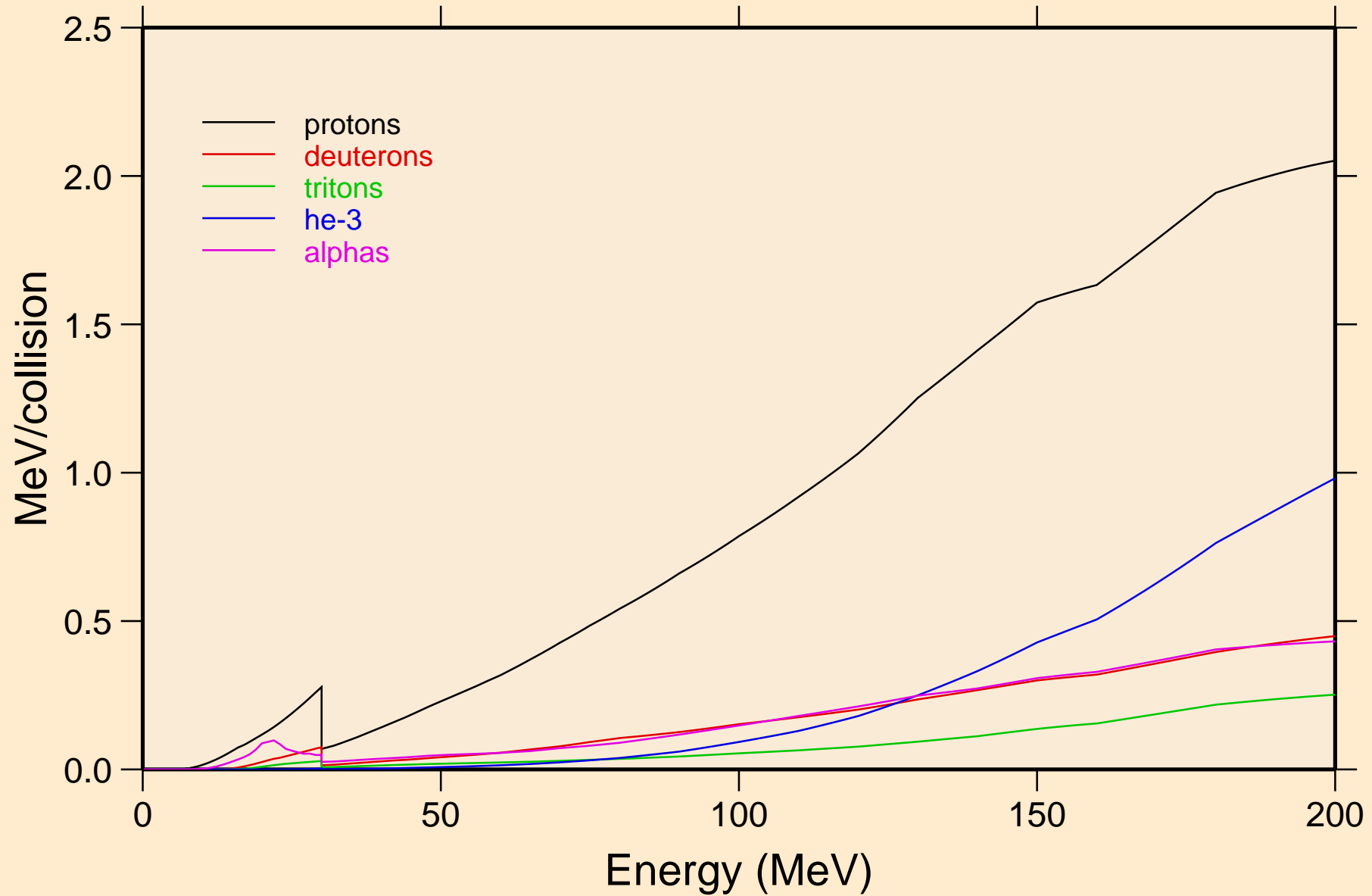


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

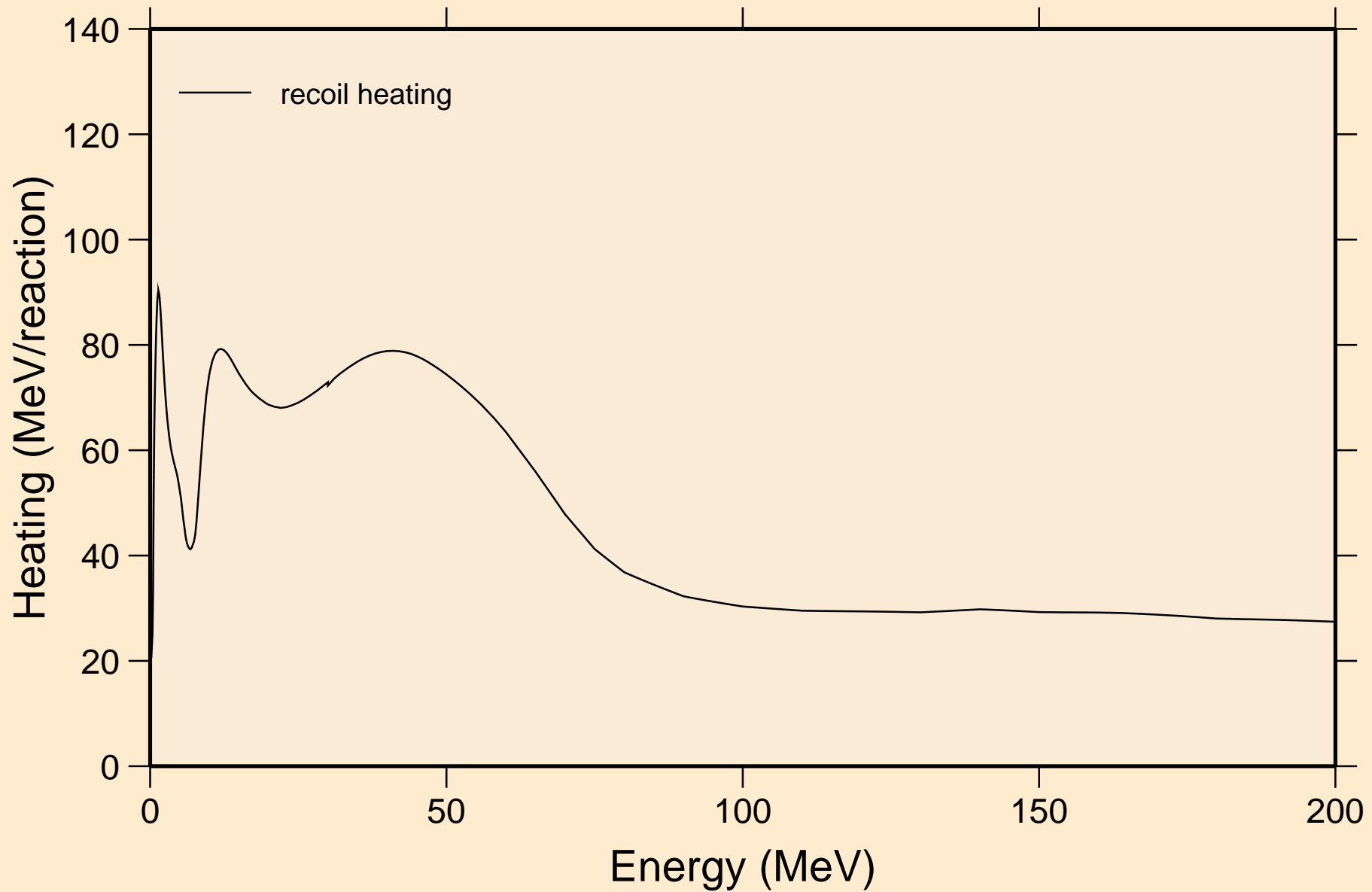


# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

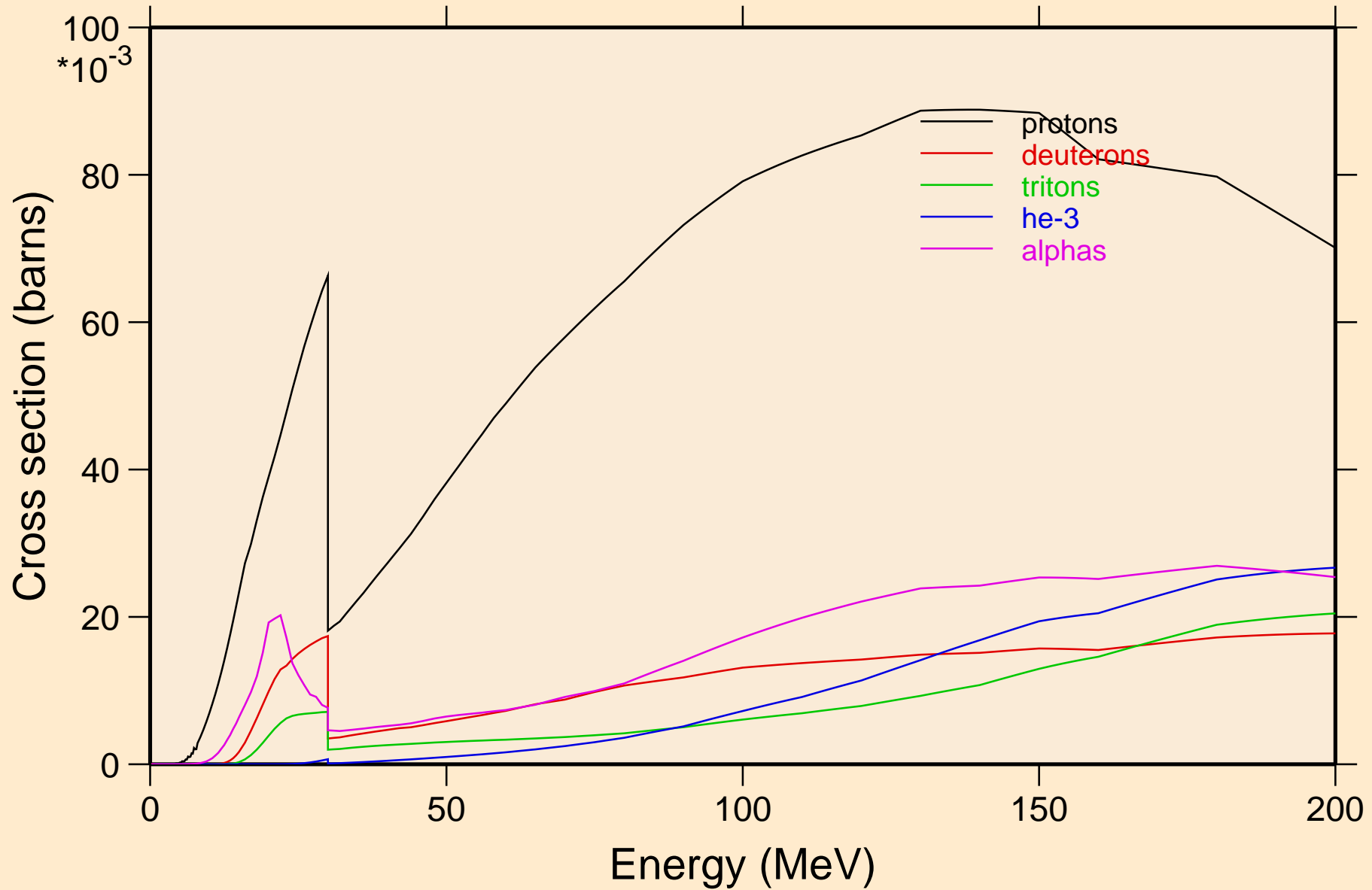


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

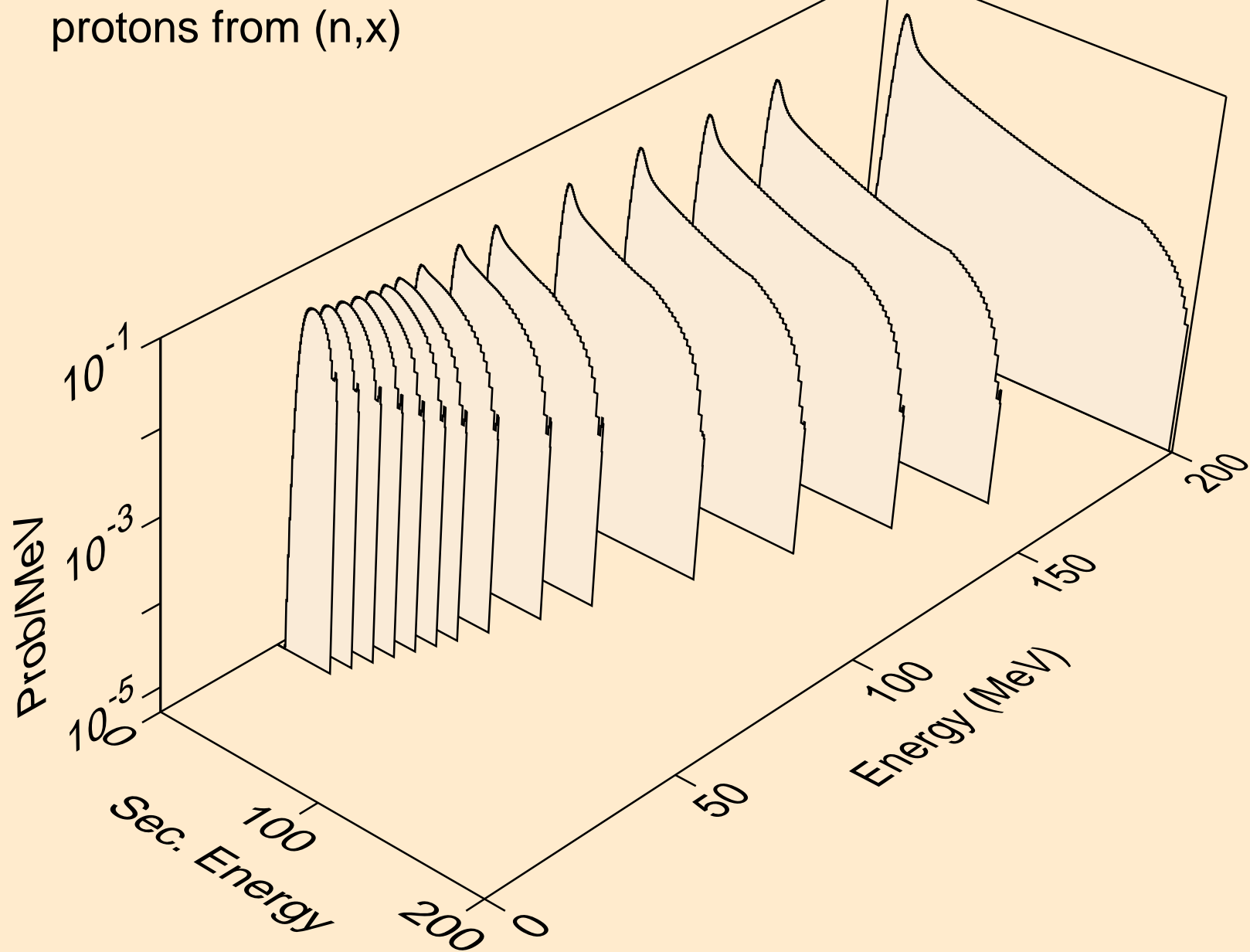


# NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

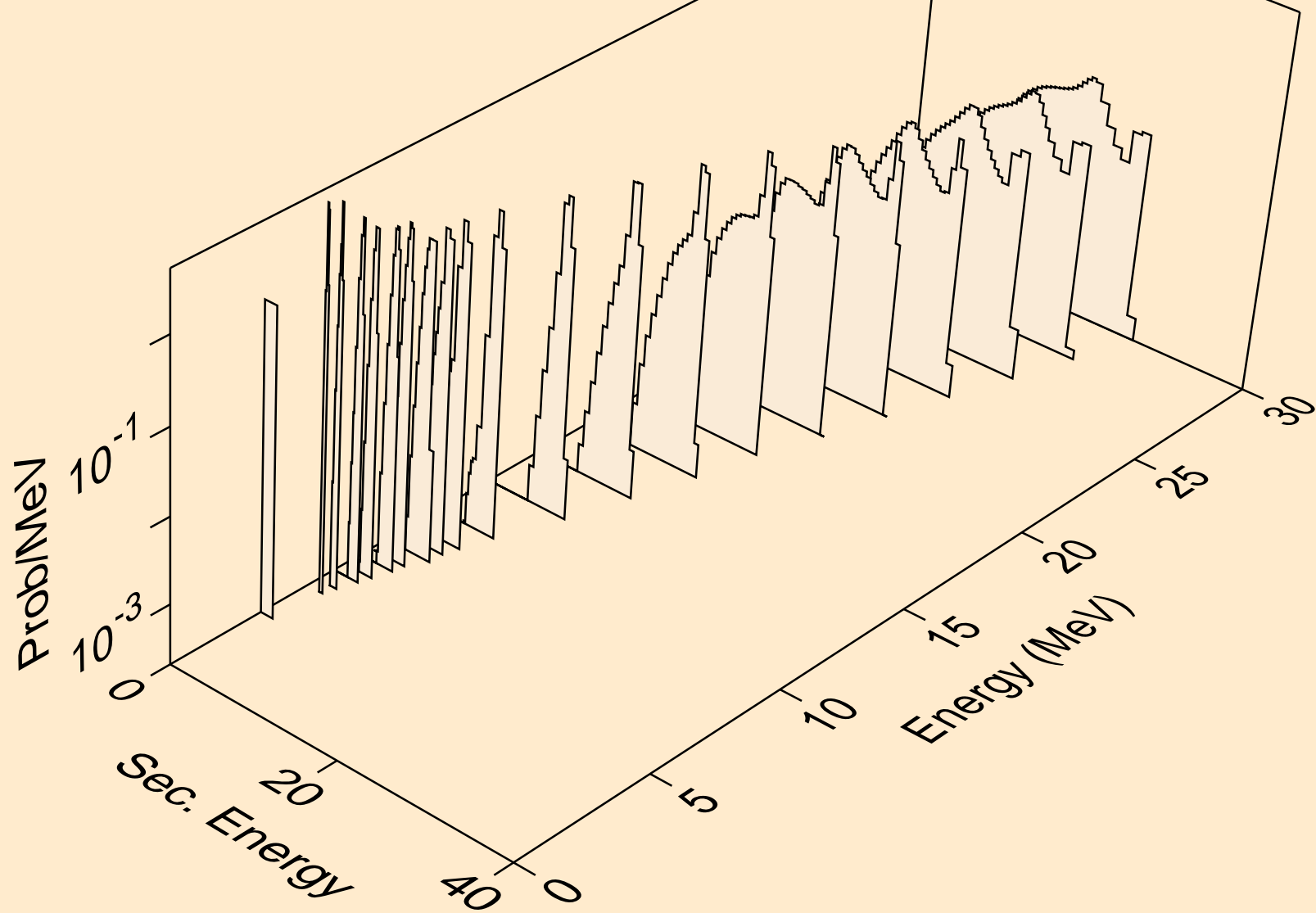


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

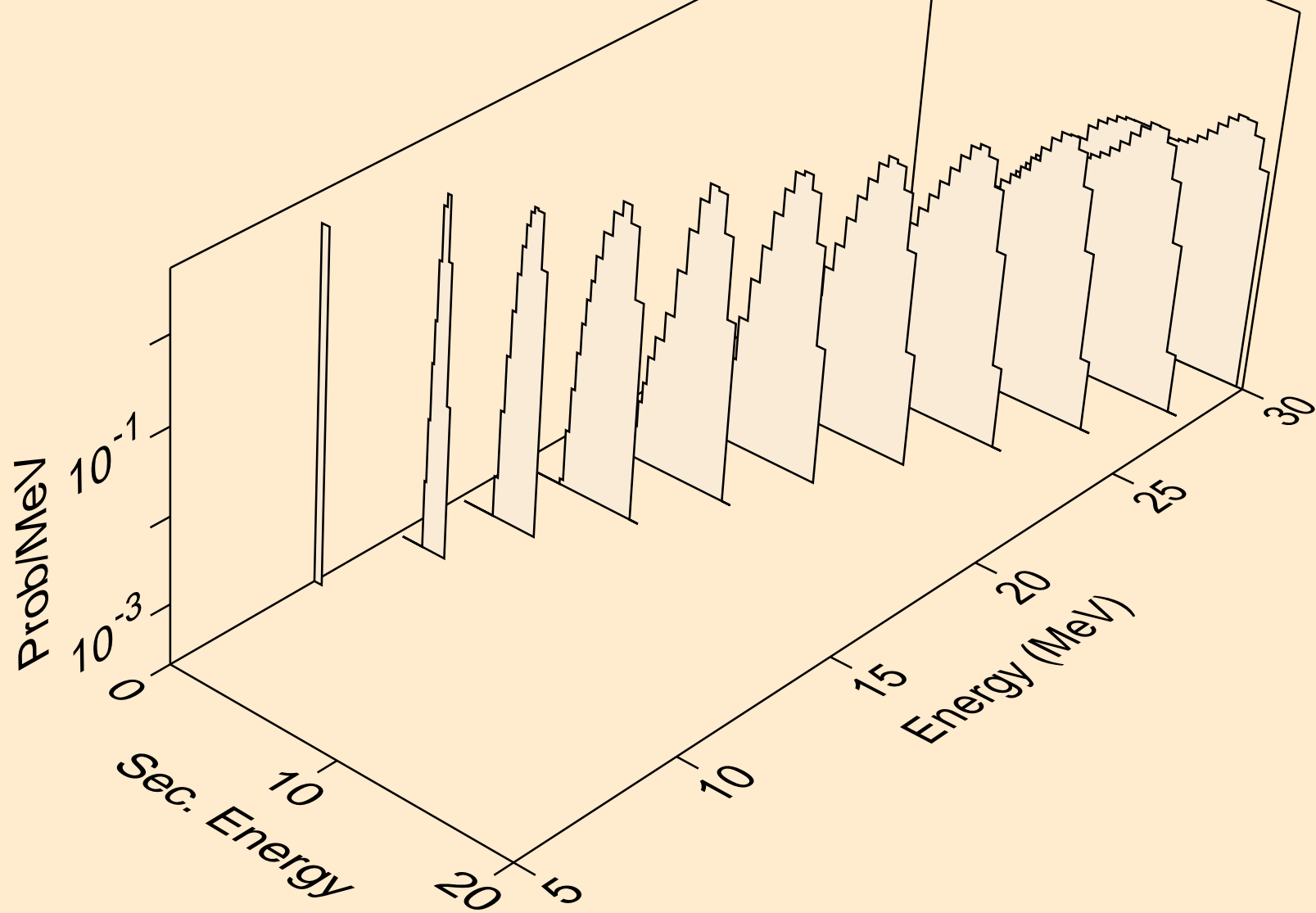




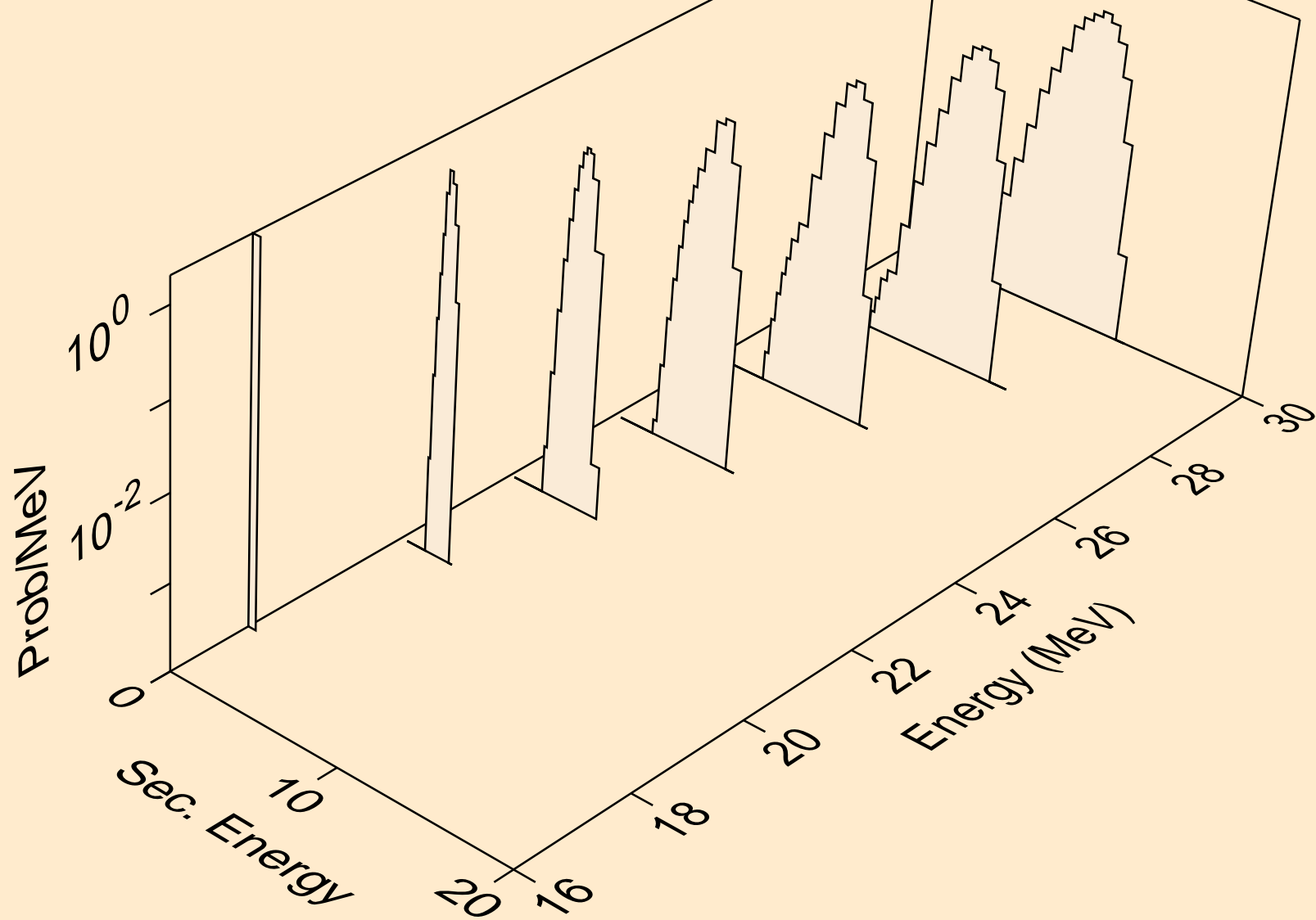
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



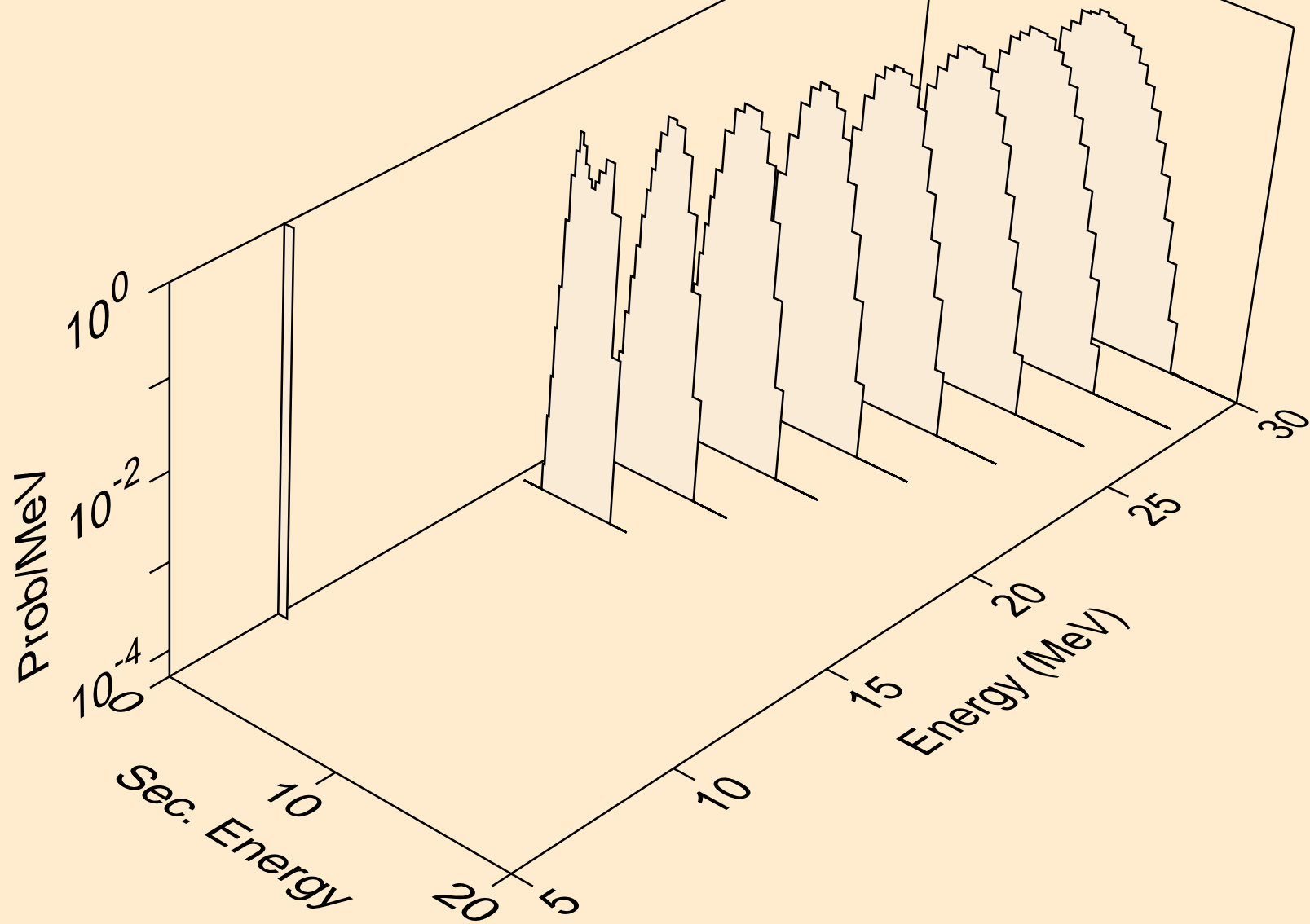
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



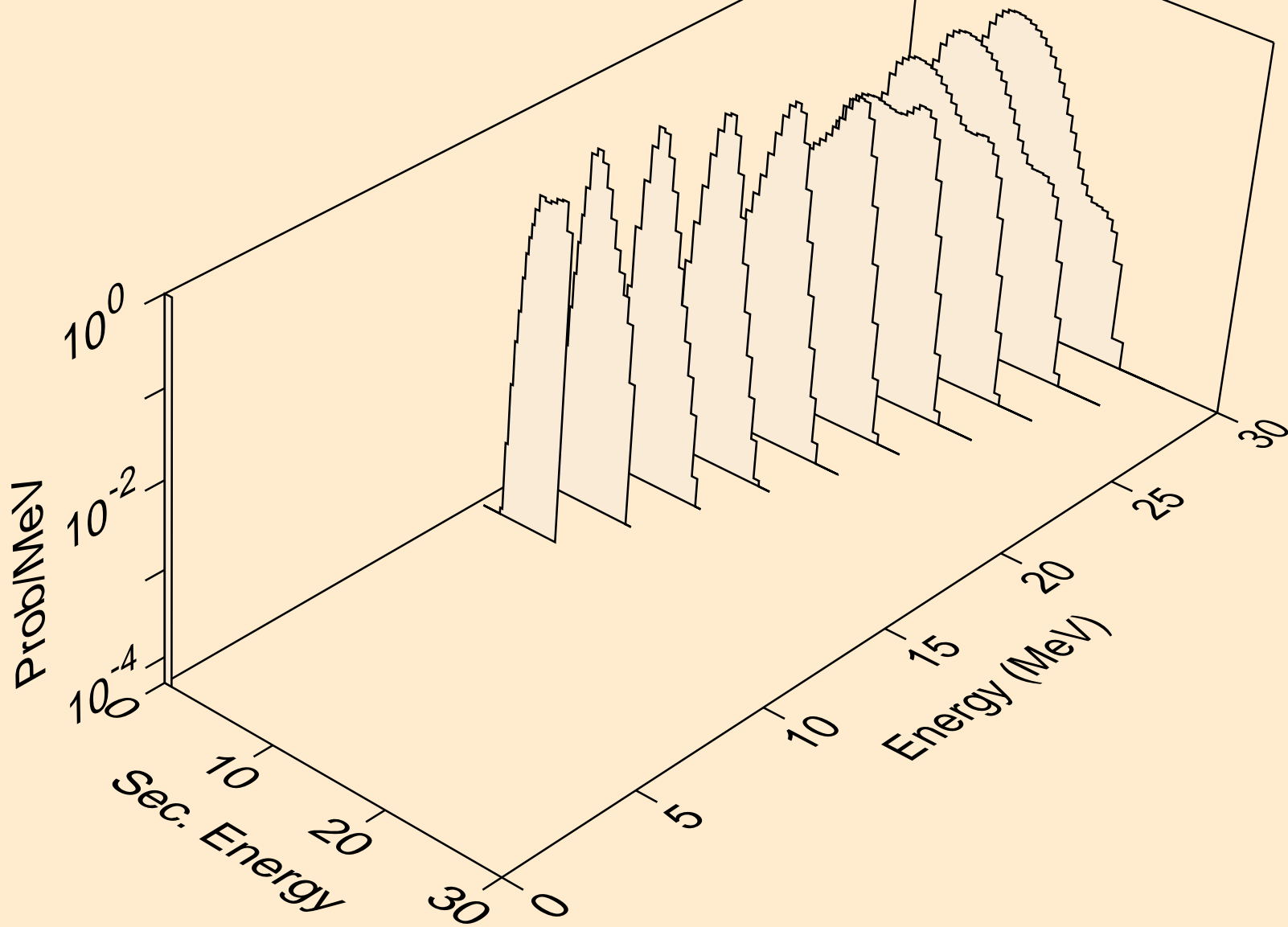
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



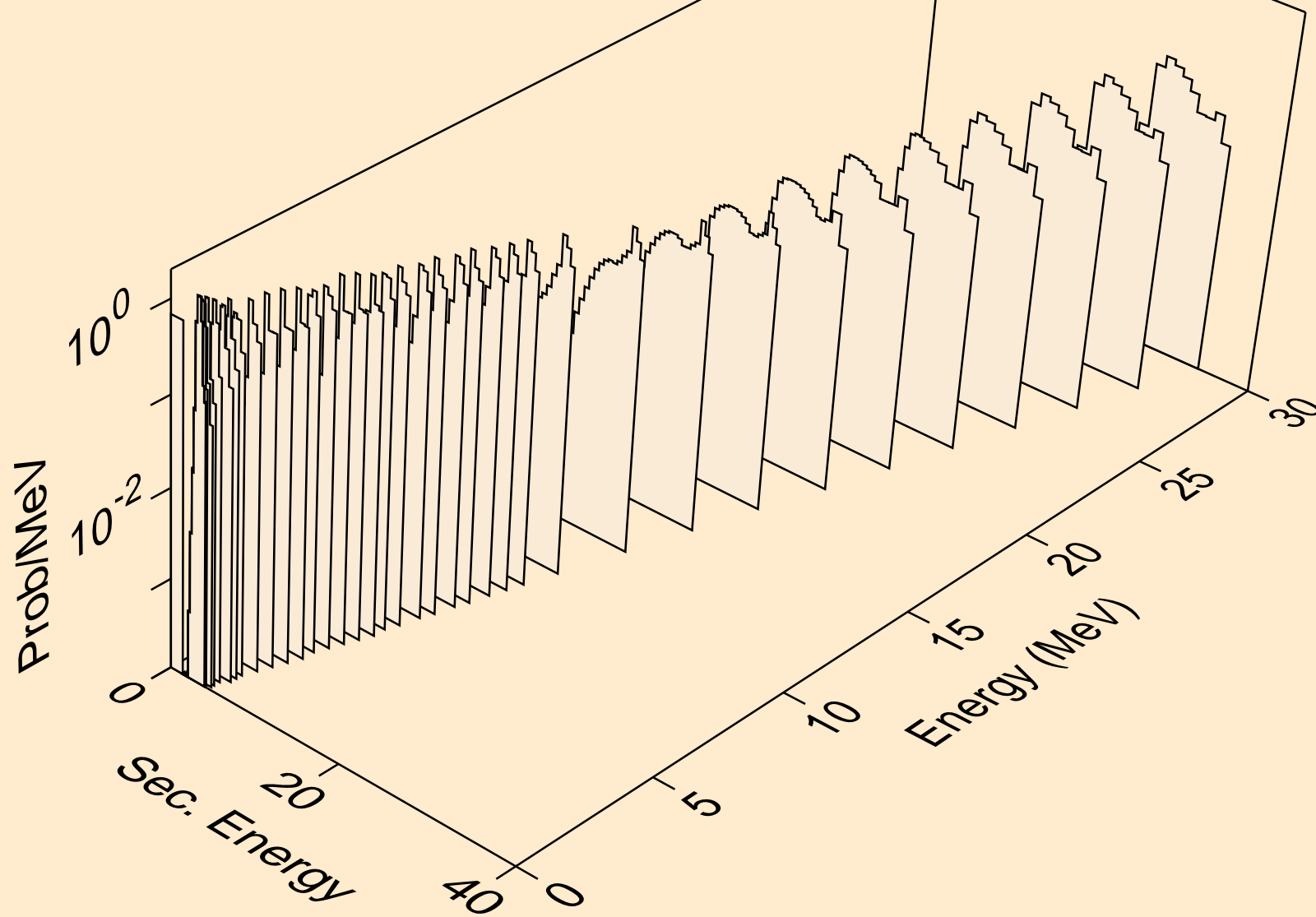
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



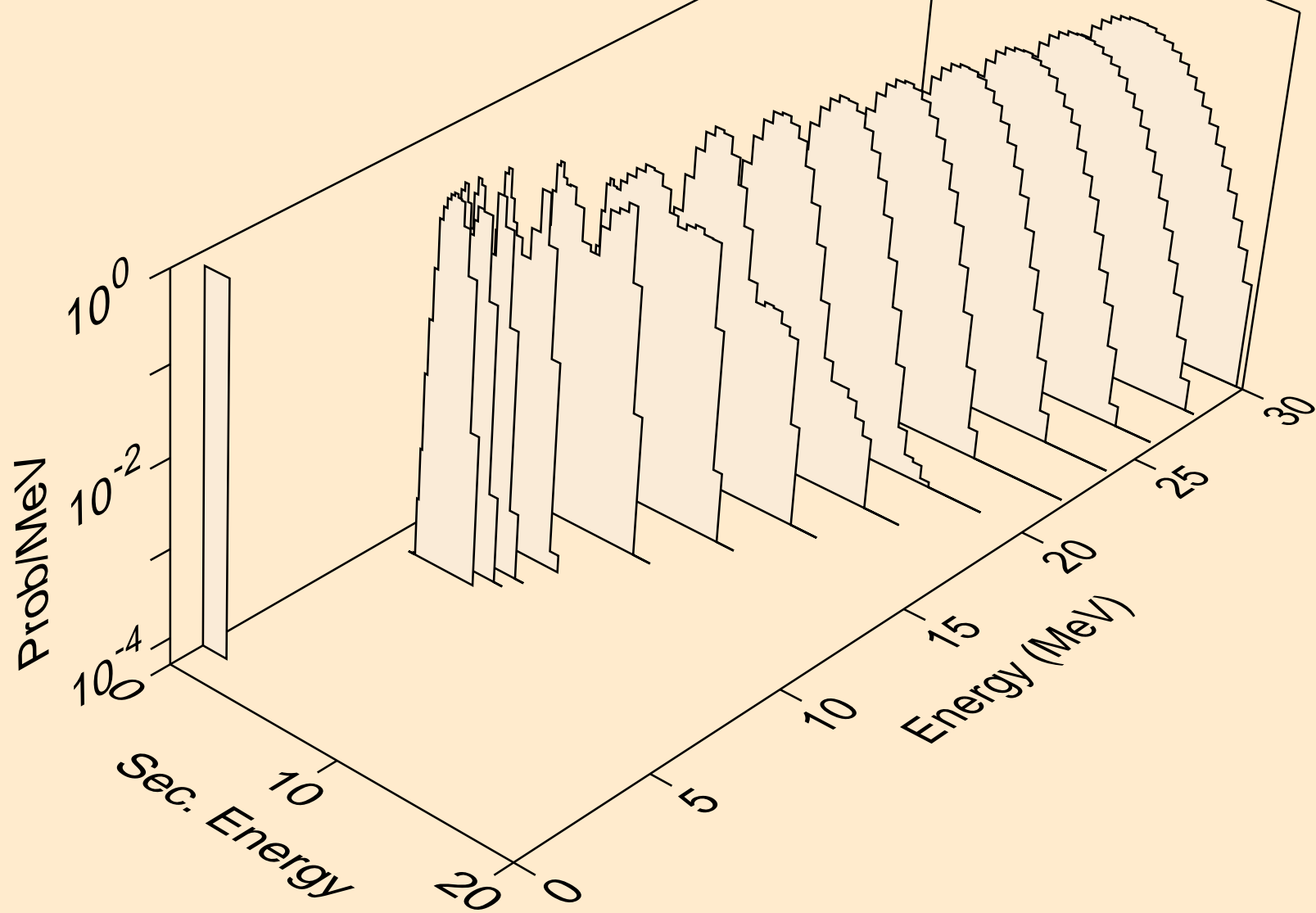
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



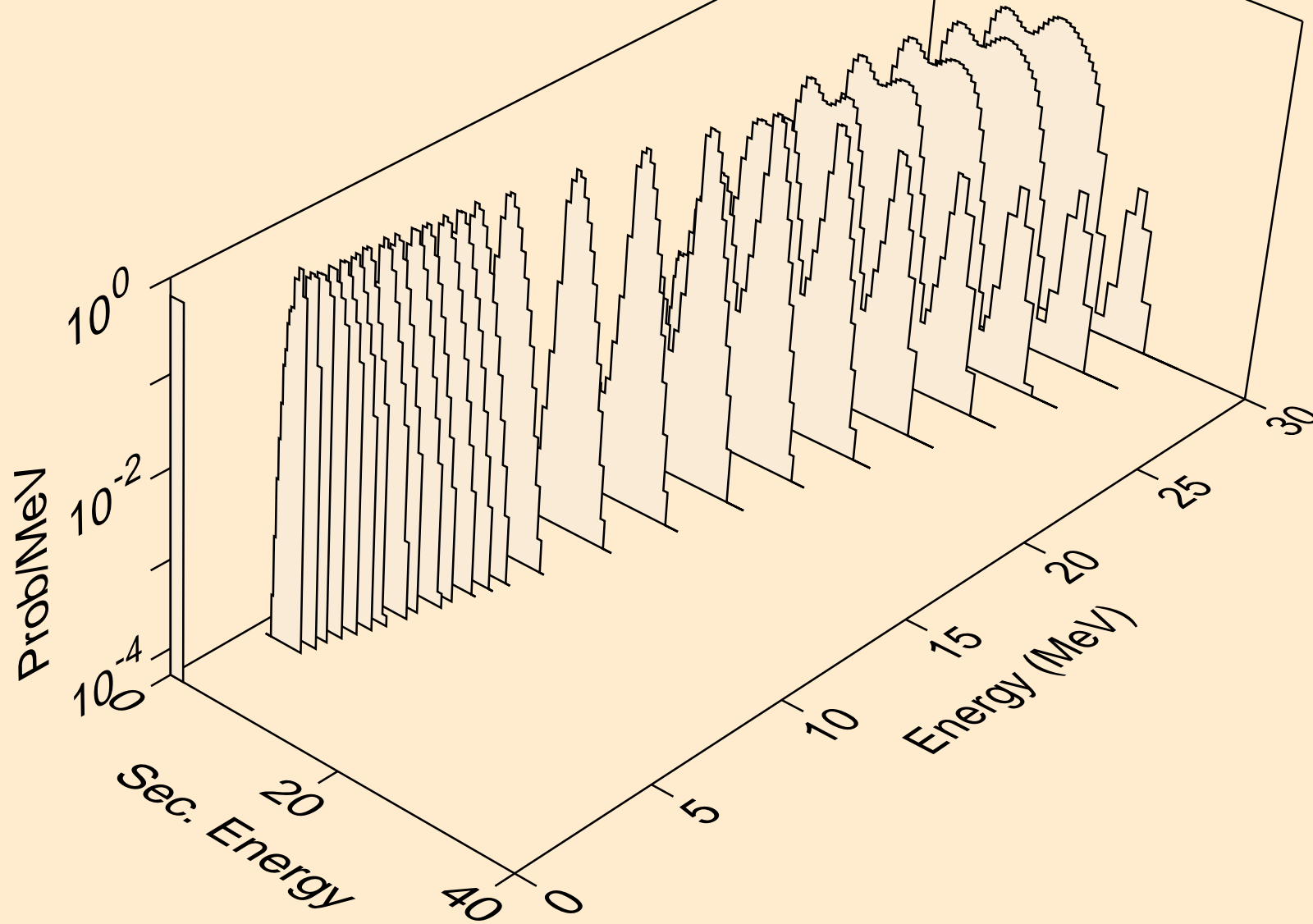
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

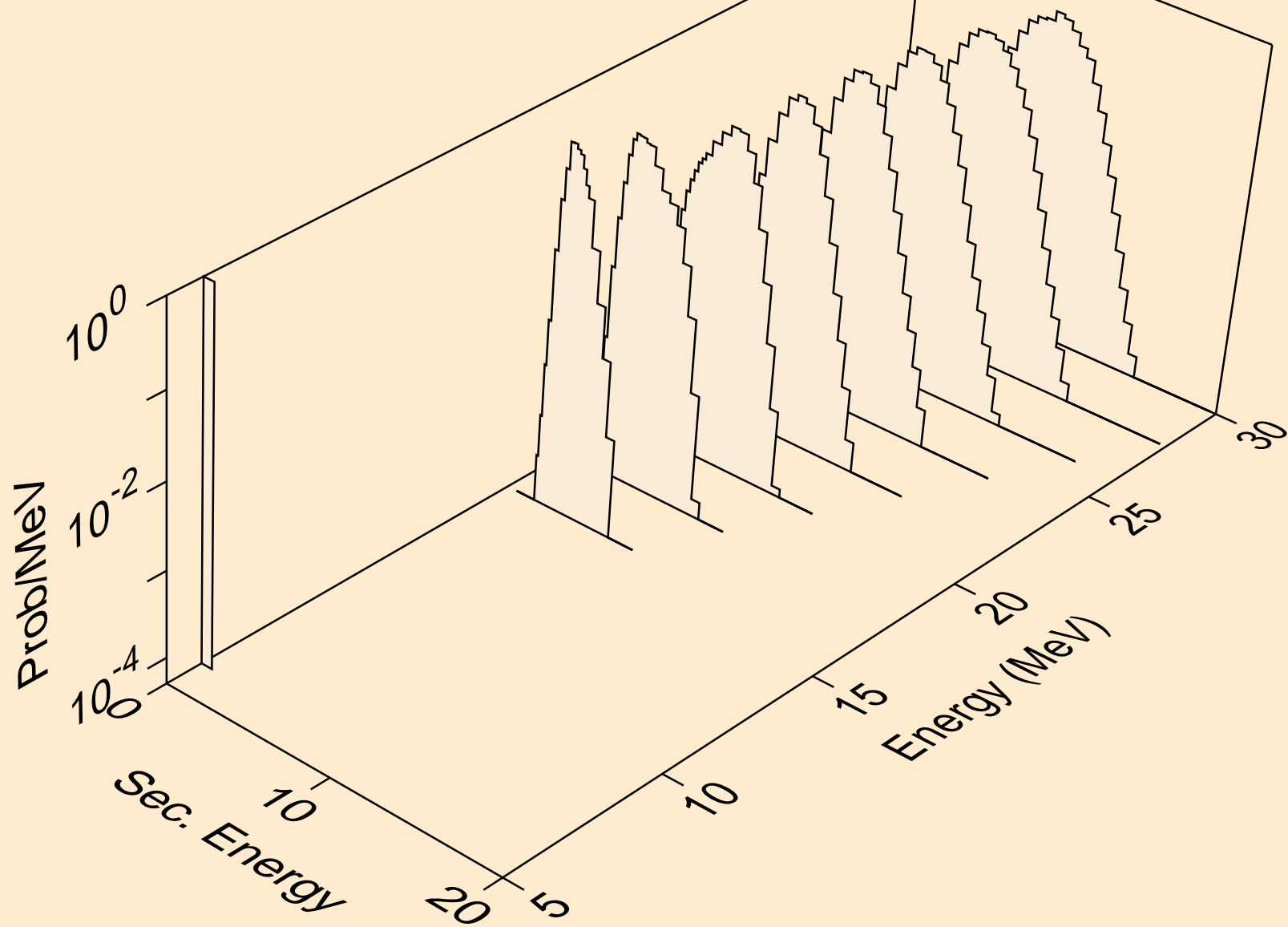


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

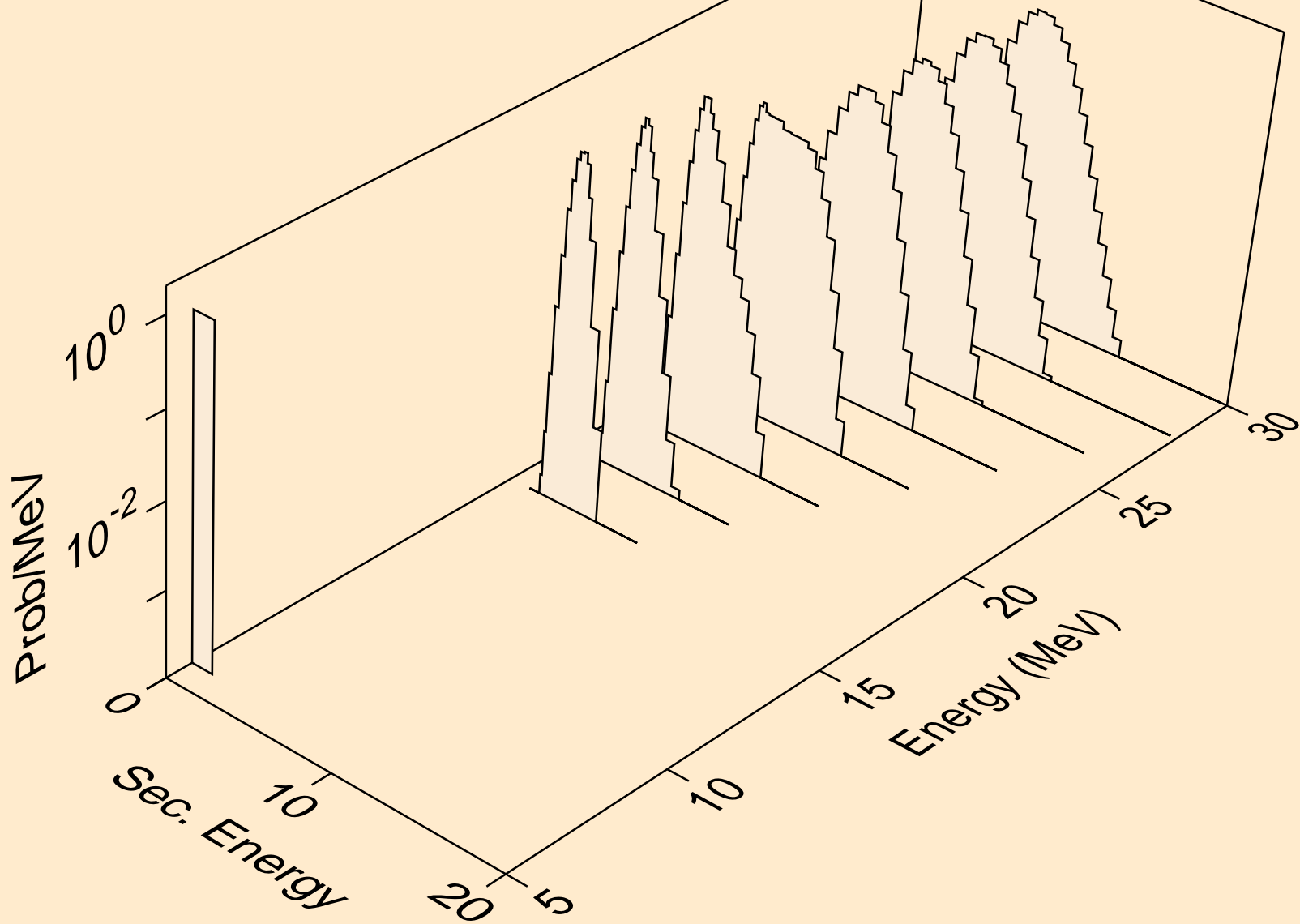




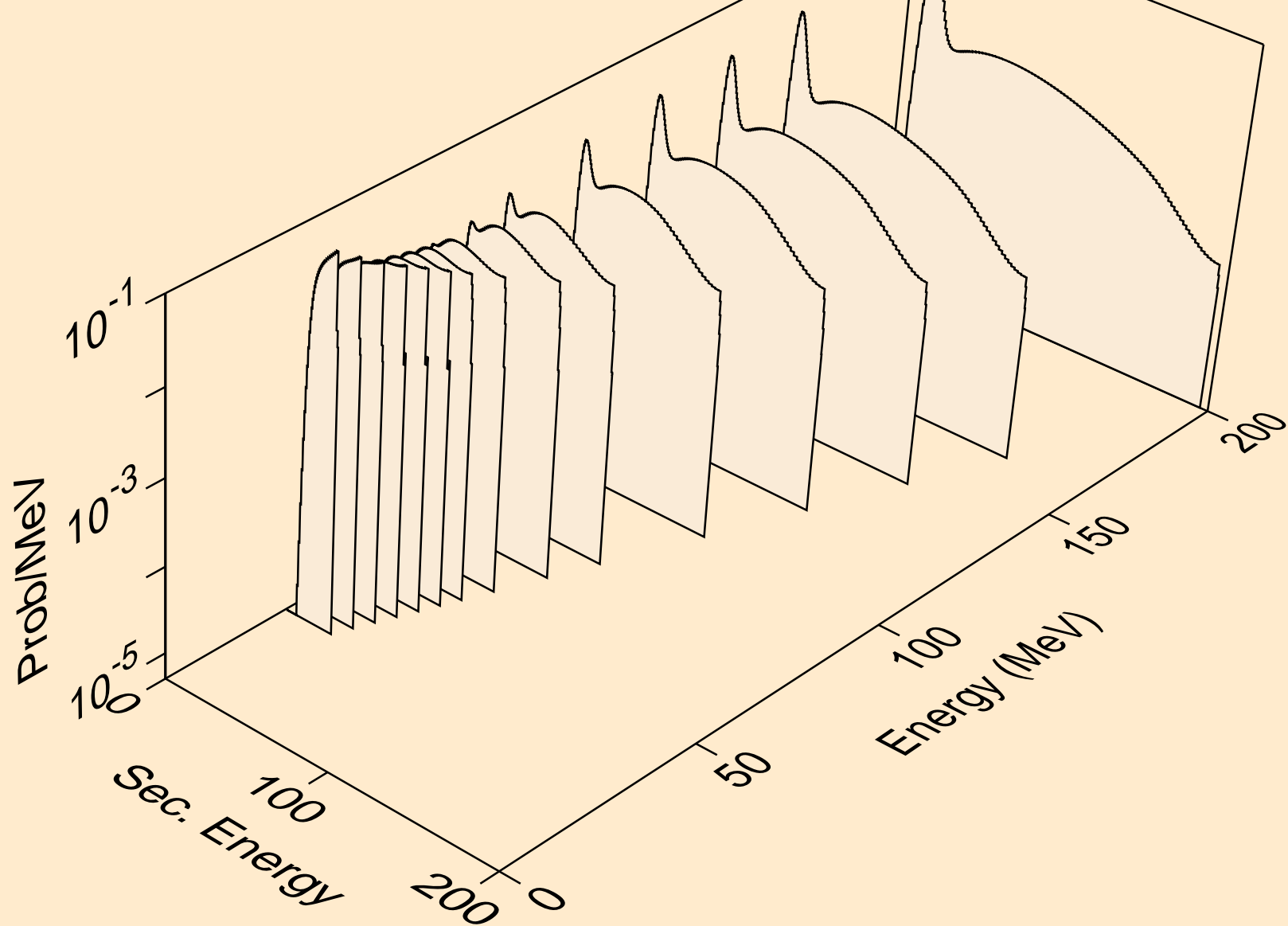
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



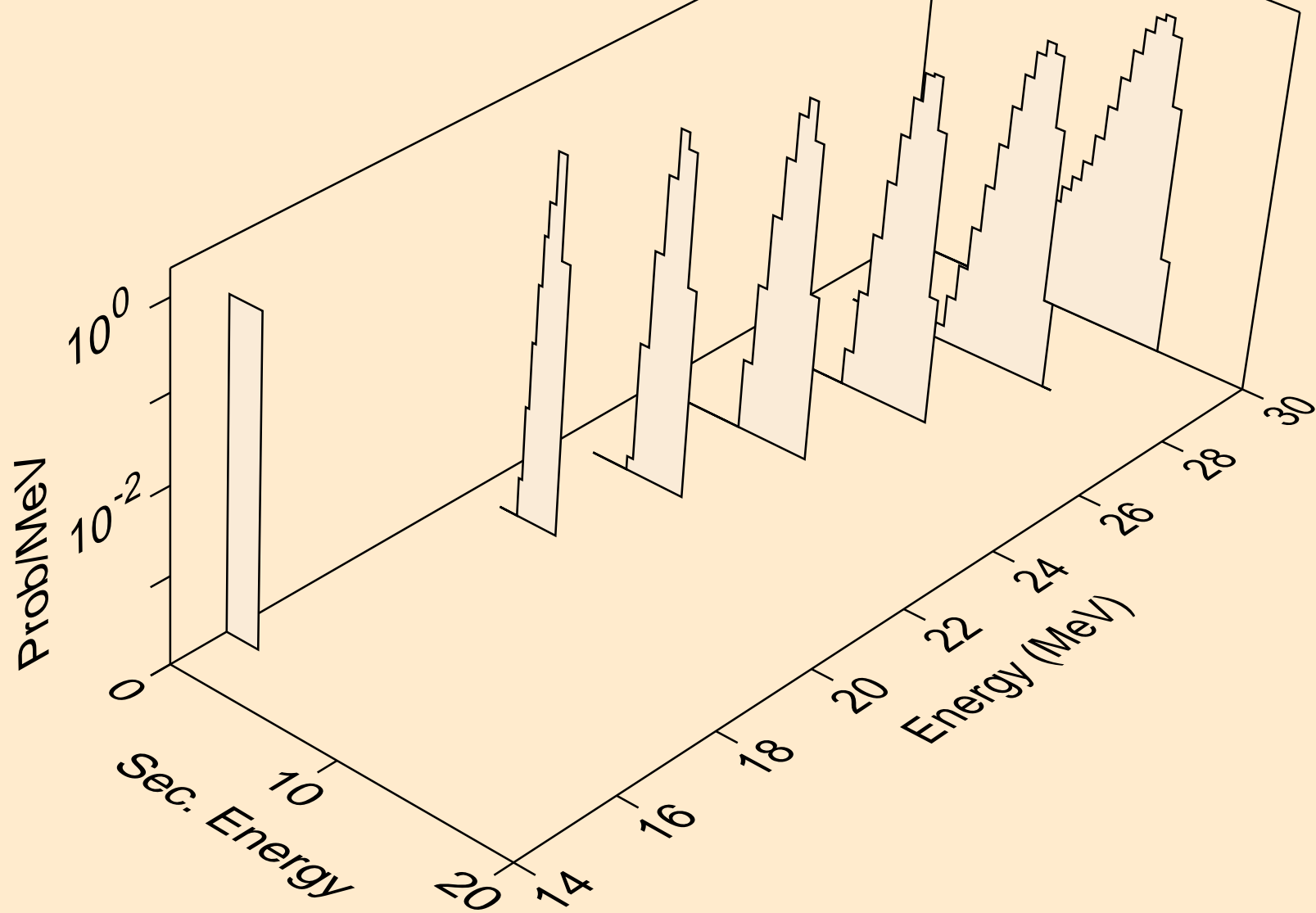
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



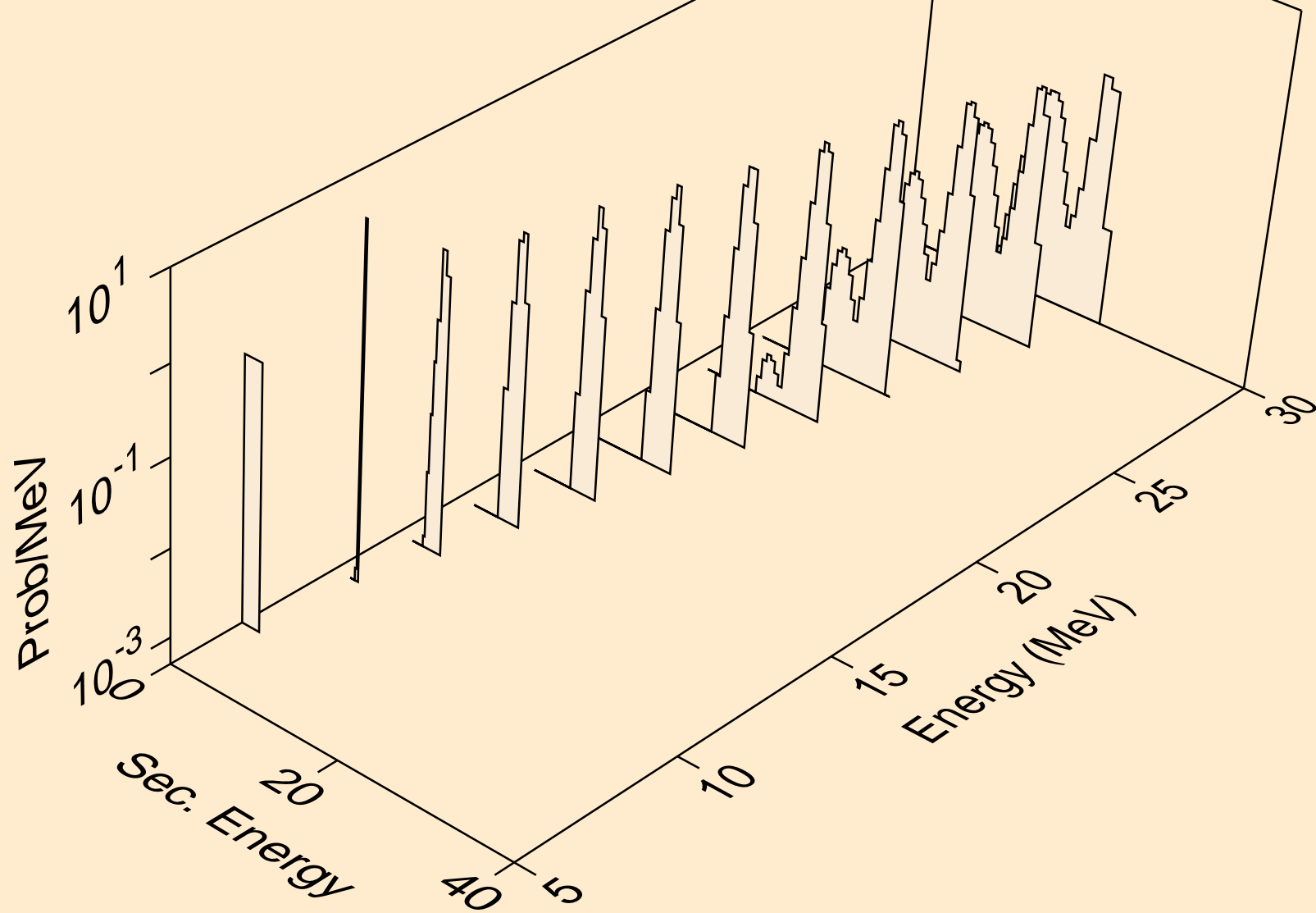
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



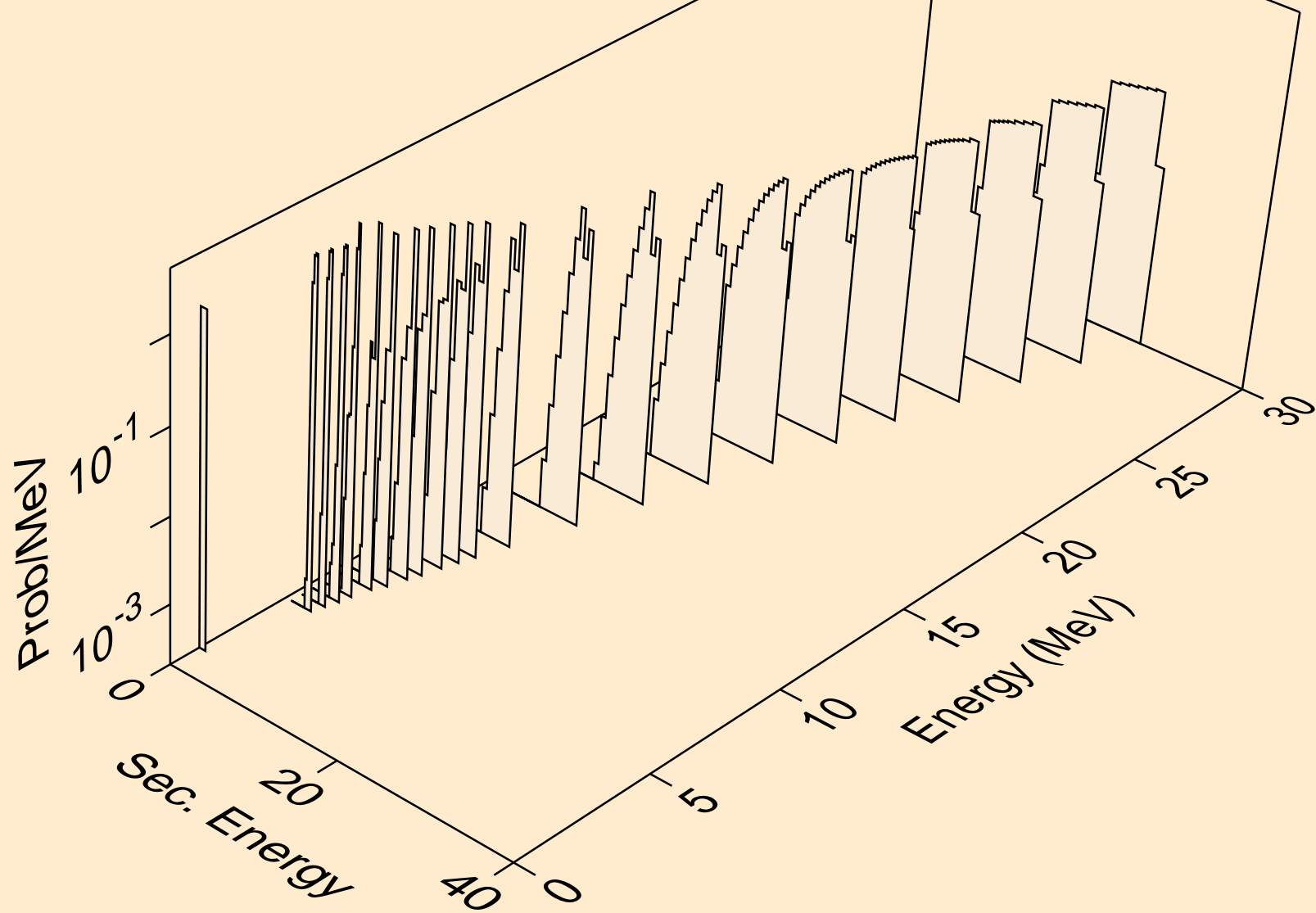
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



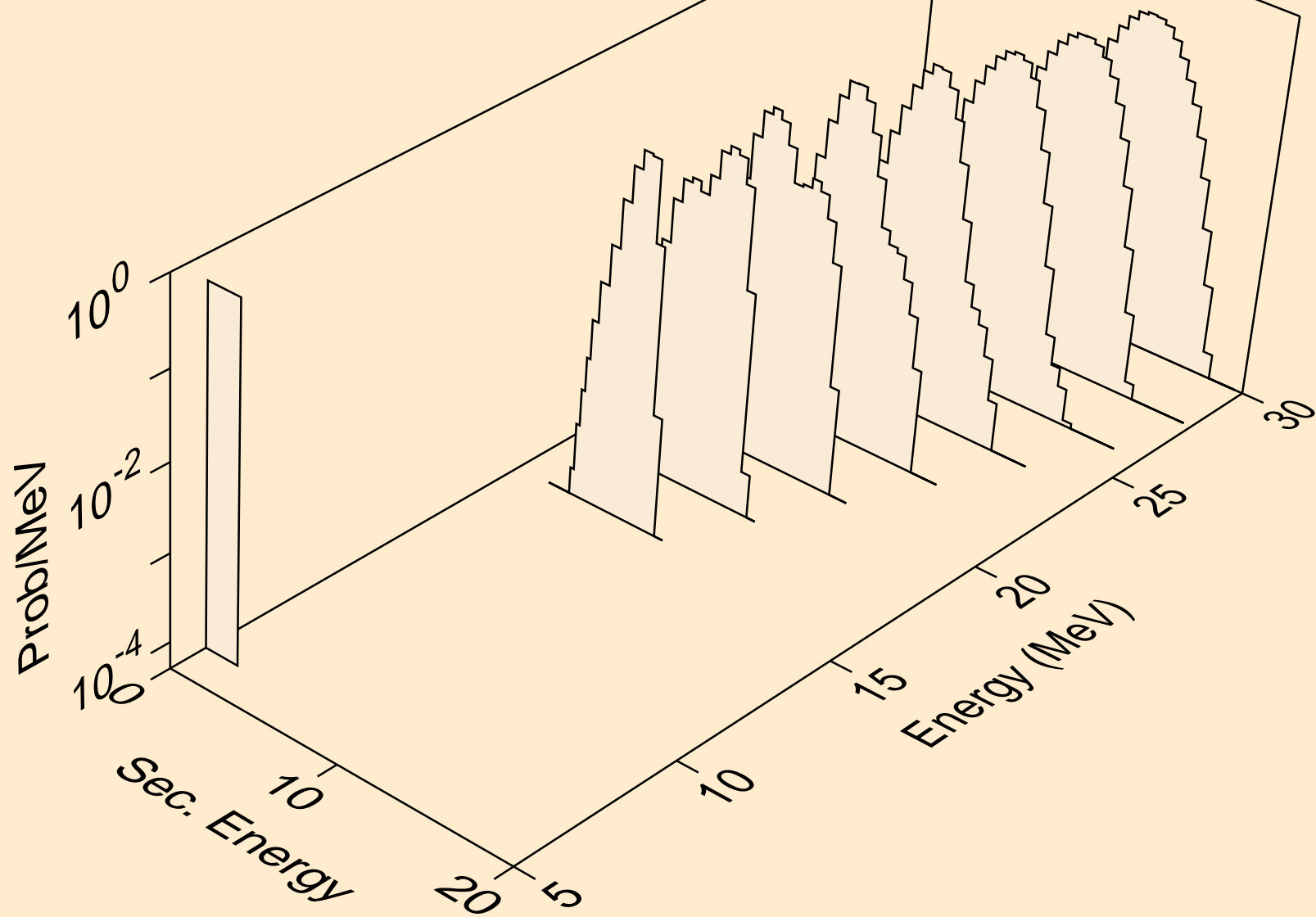
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



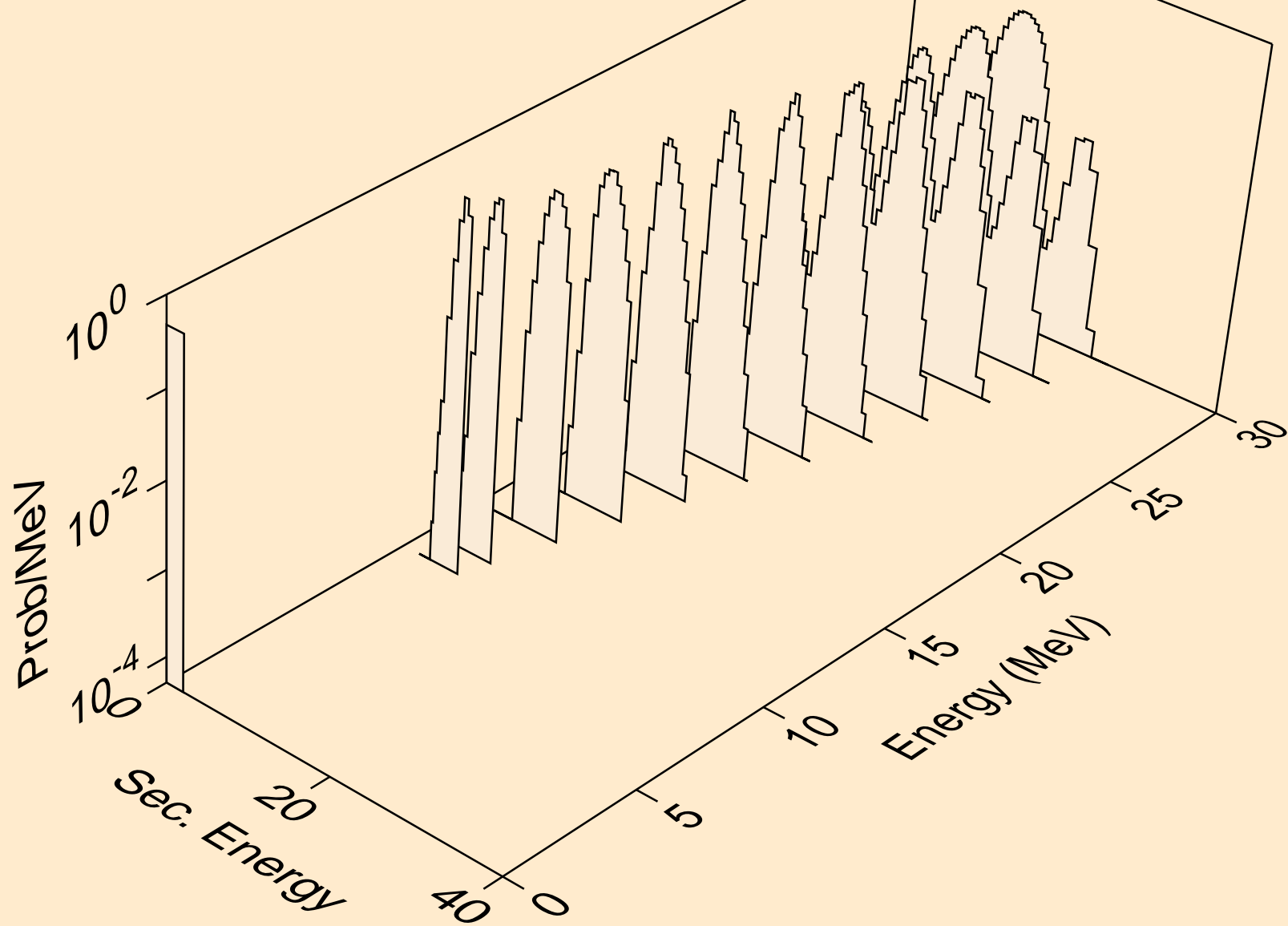
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

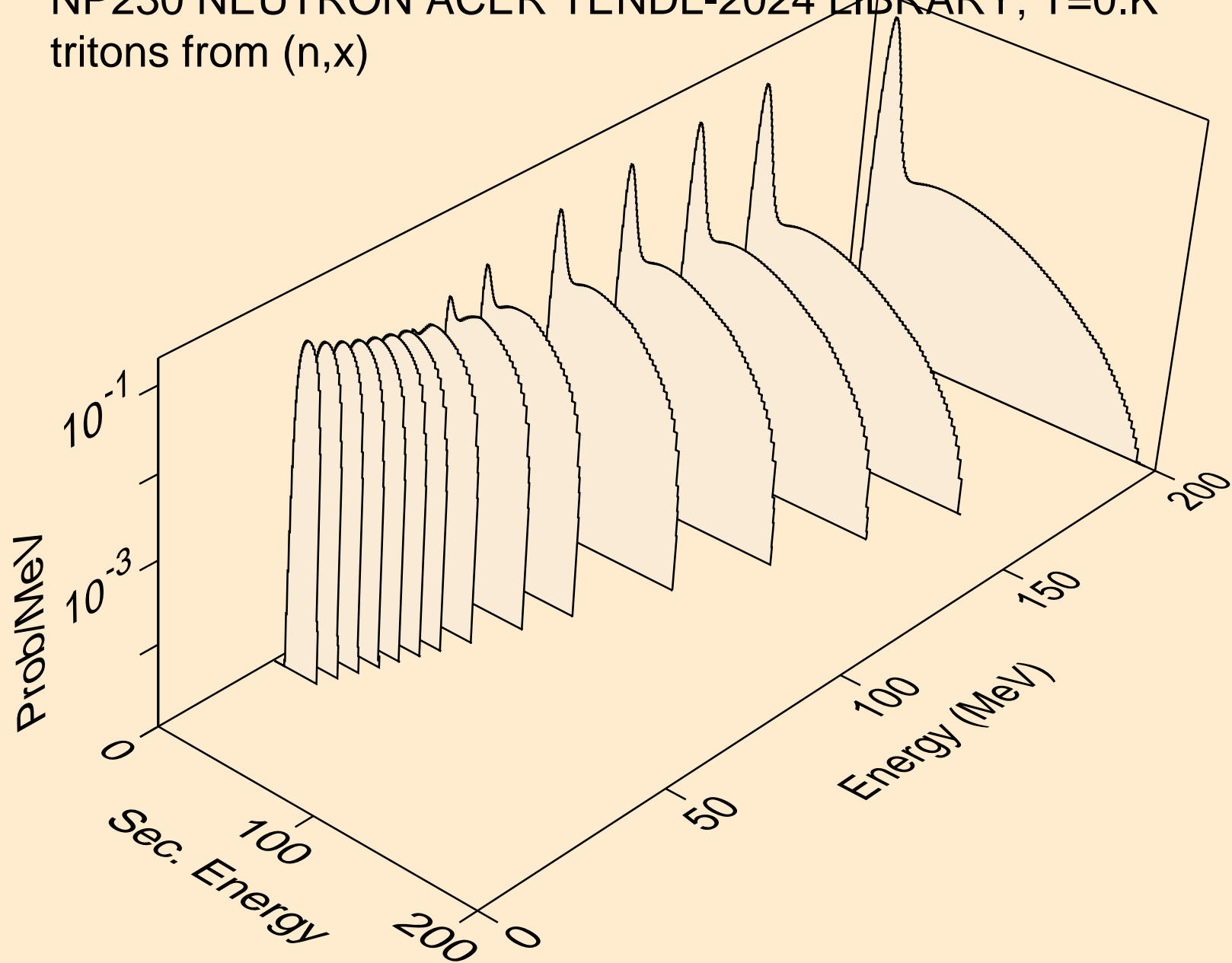


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

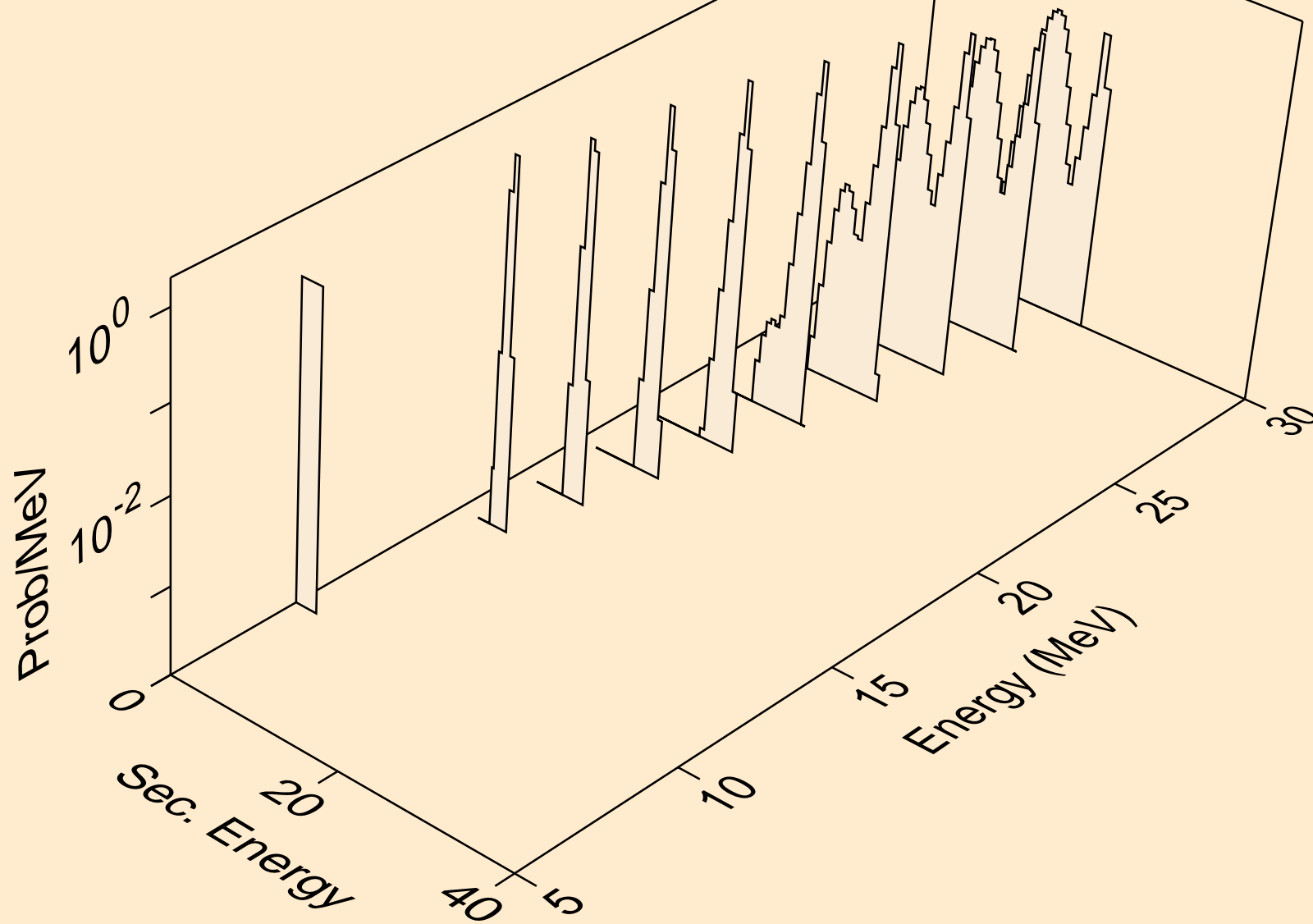




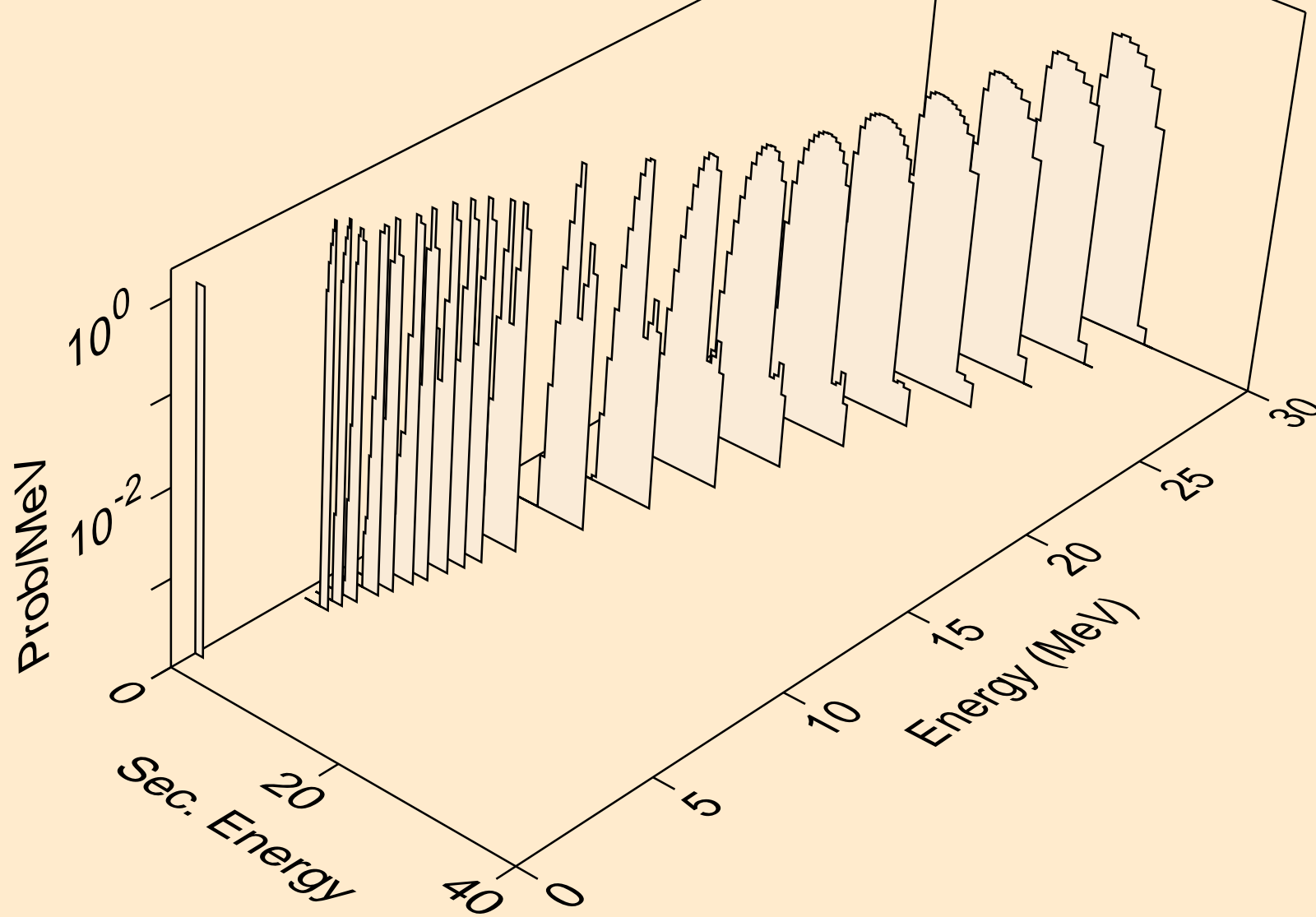
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



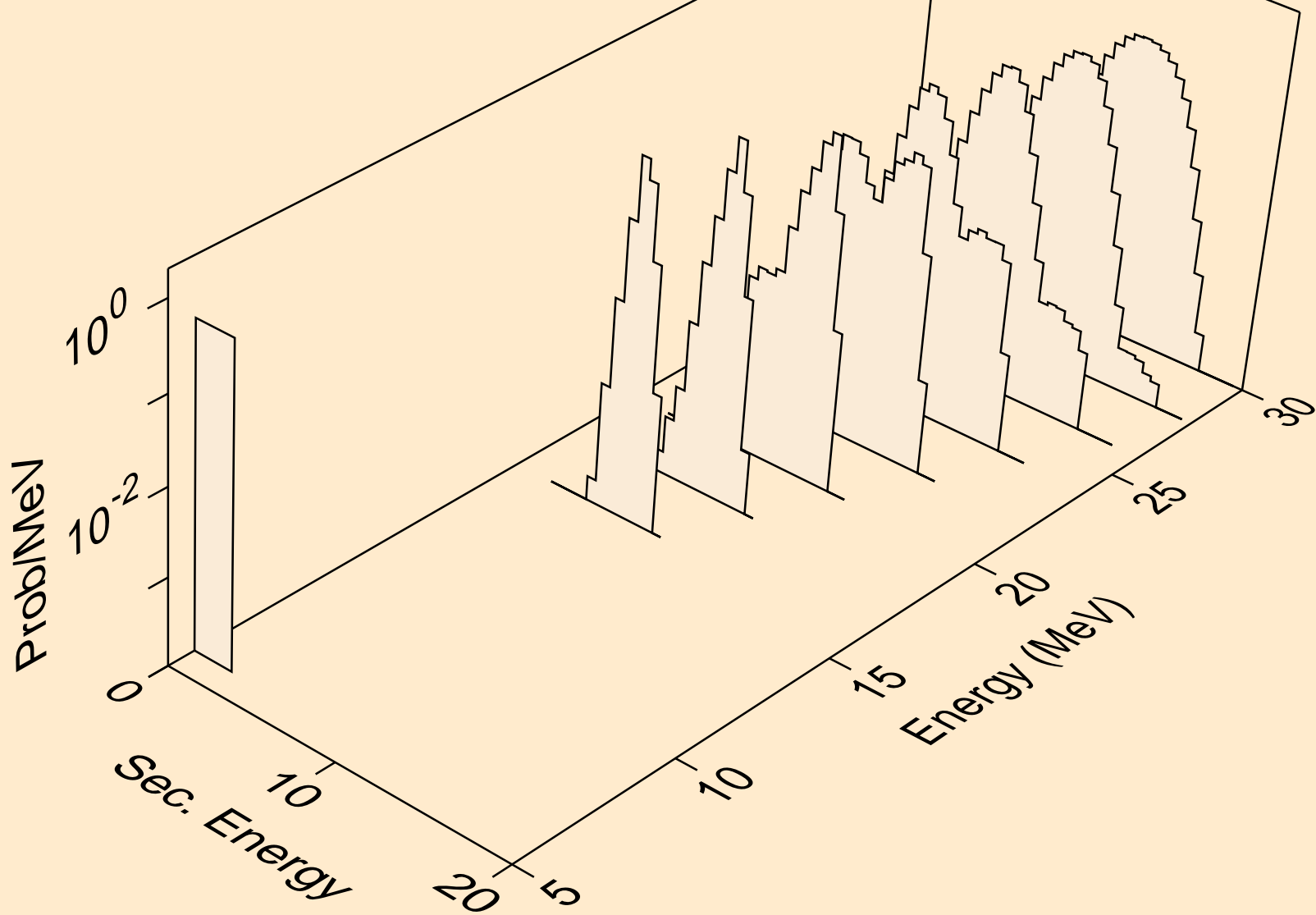
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



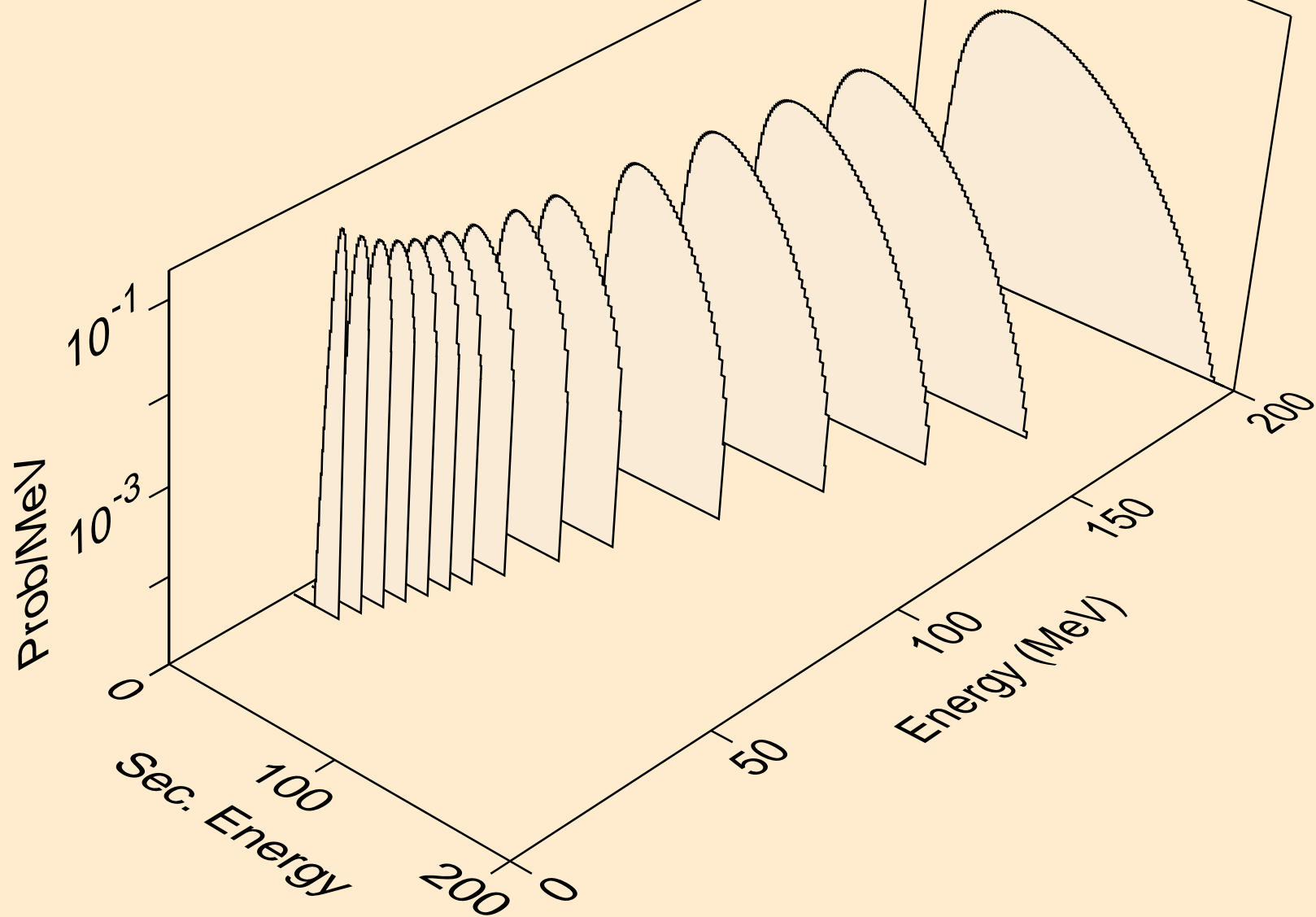
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



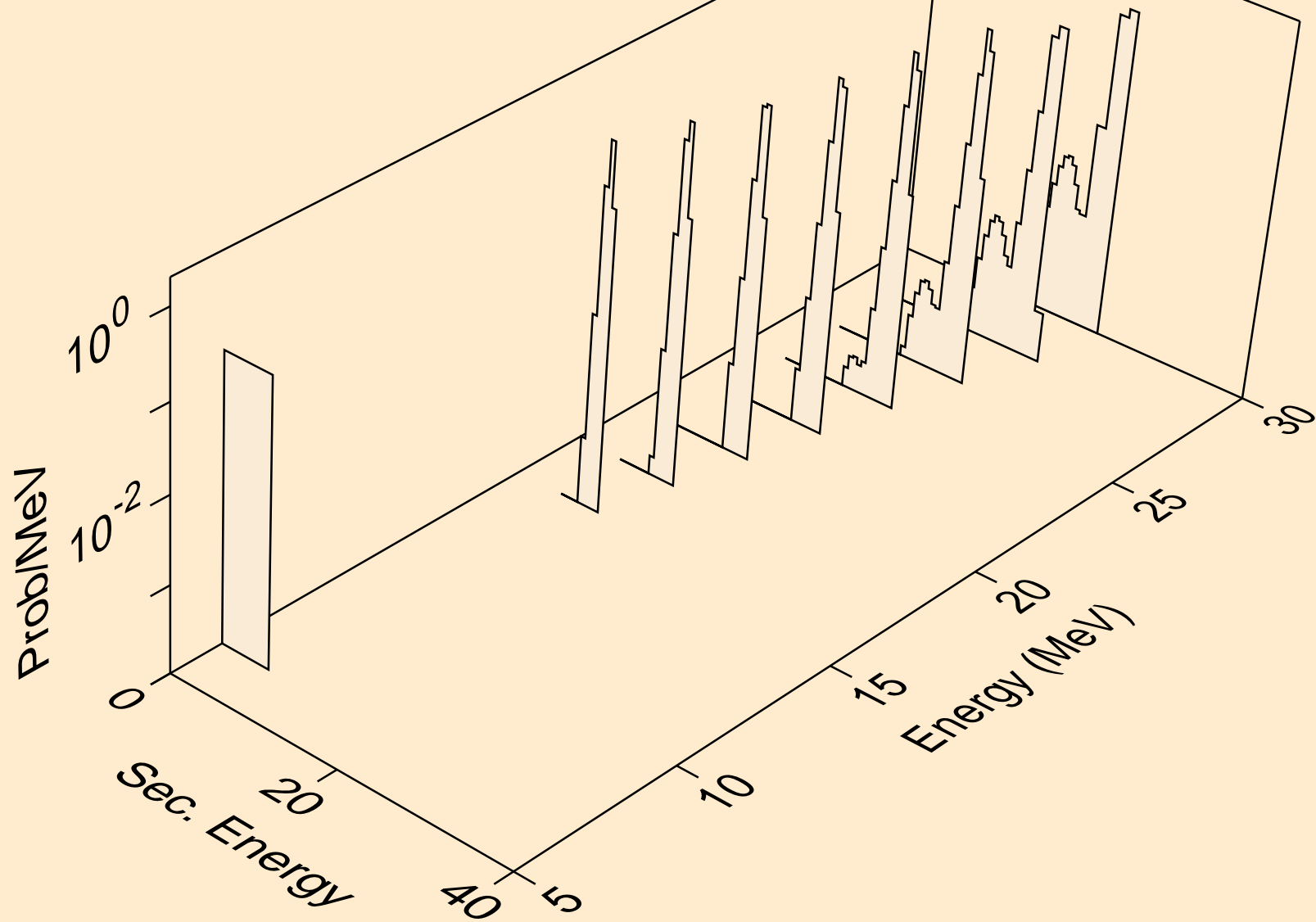
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



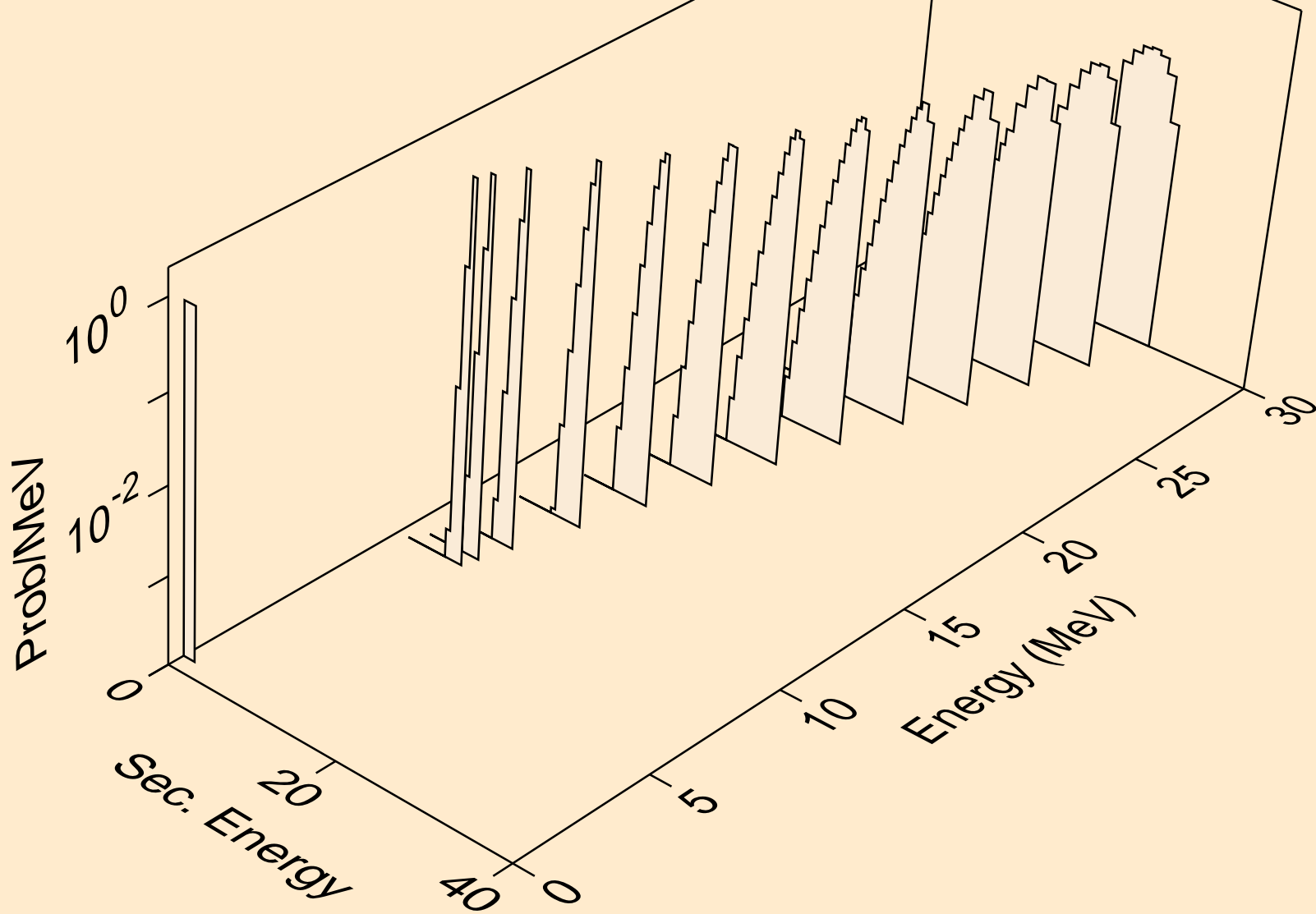
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



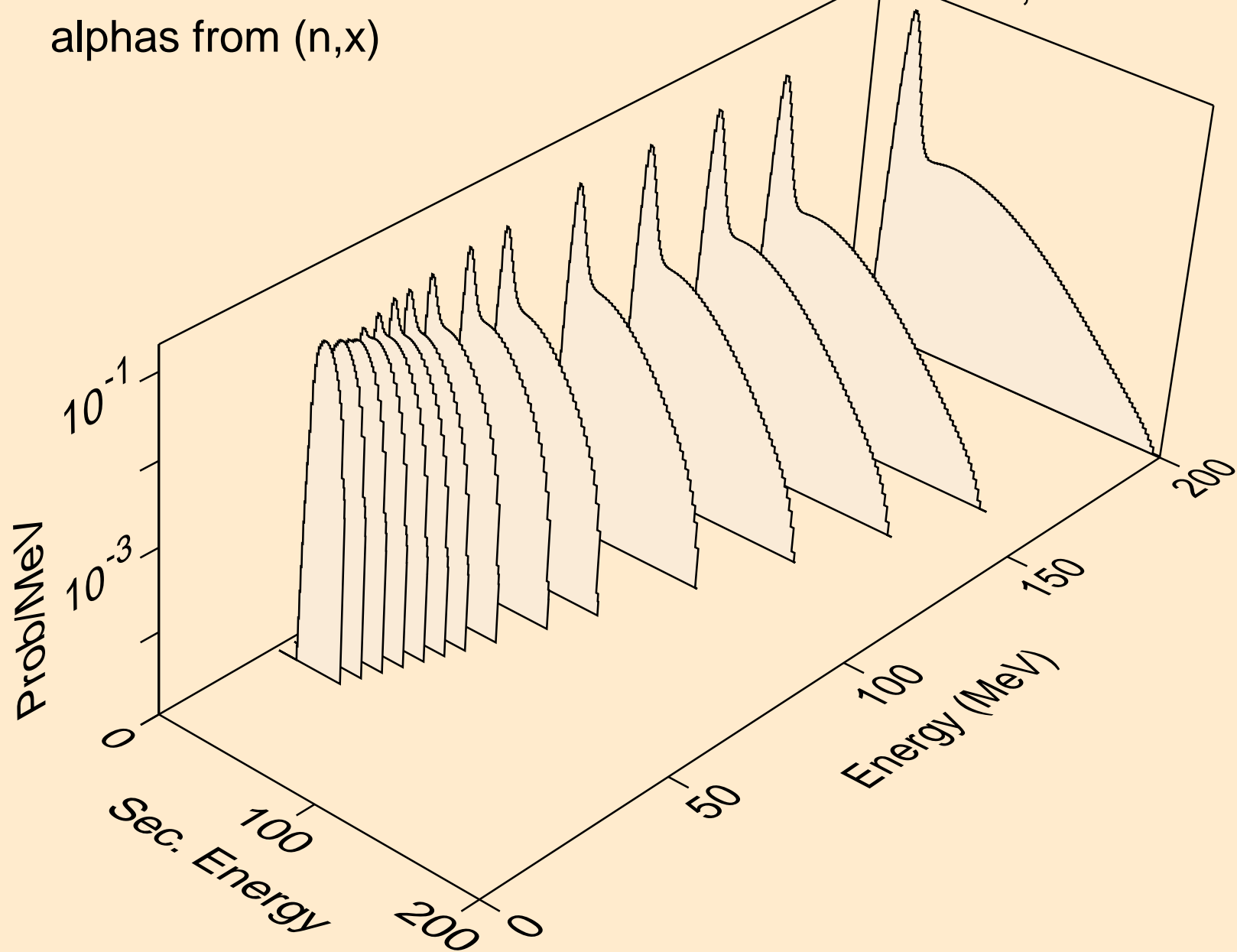
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

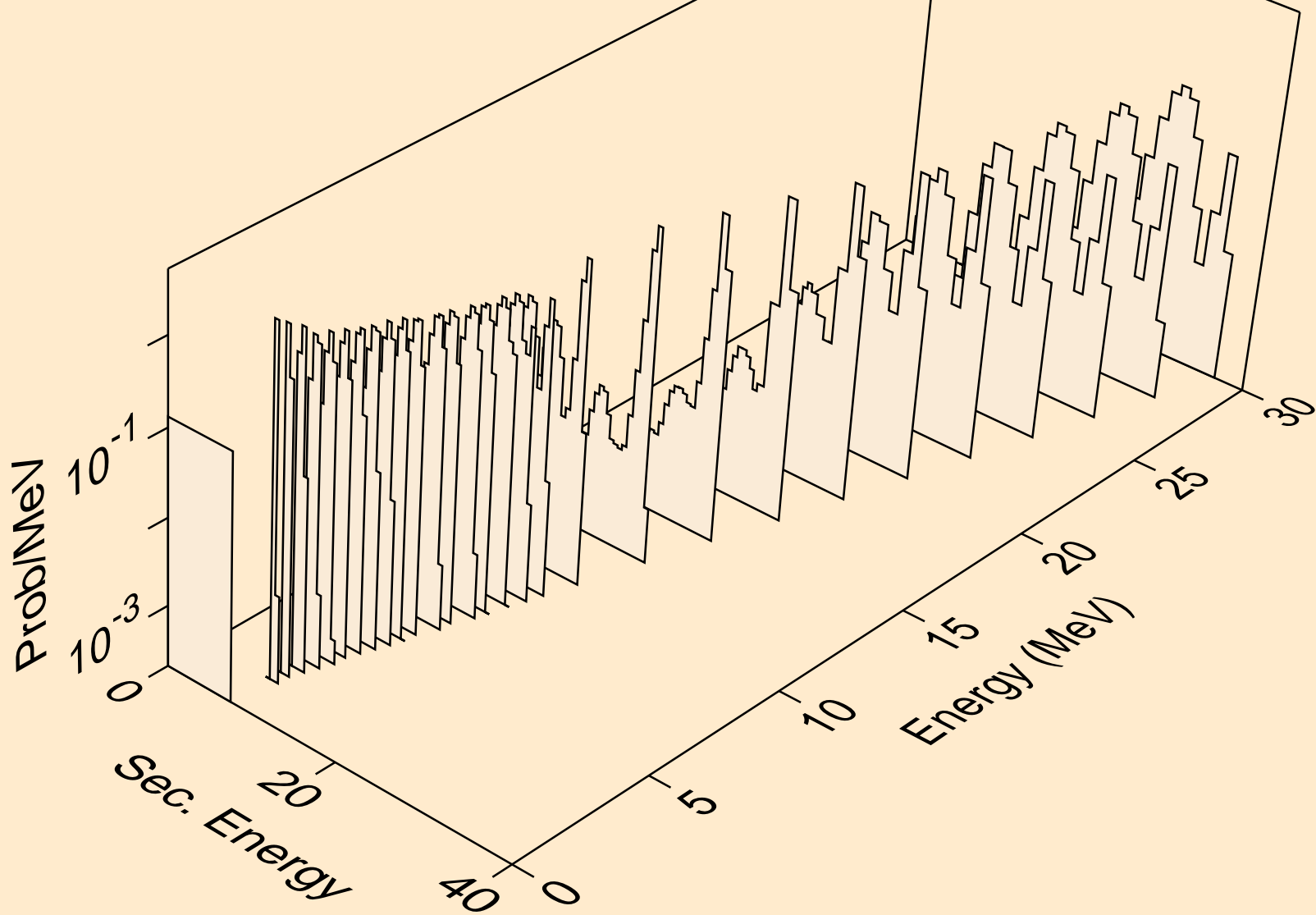


NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

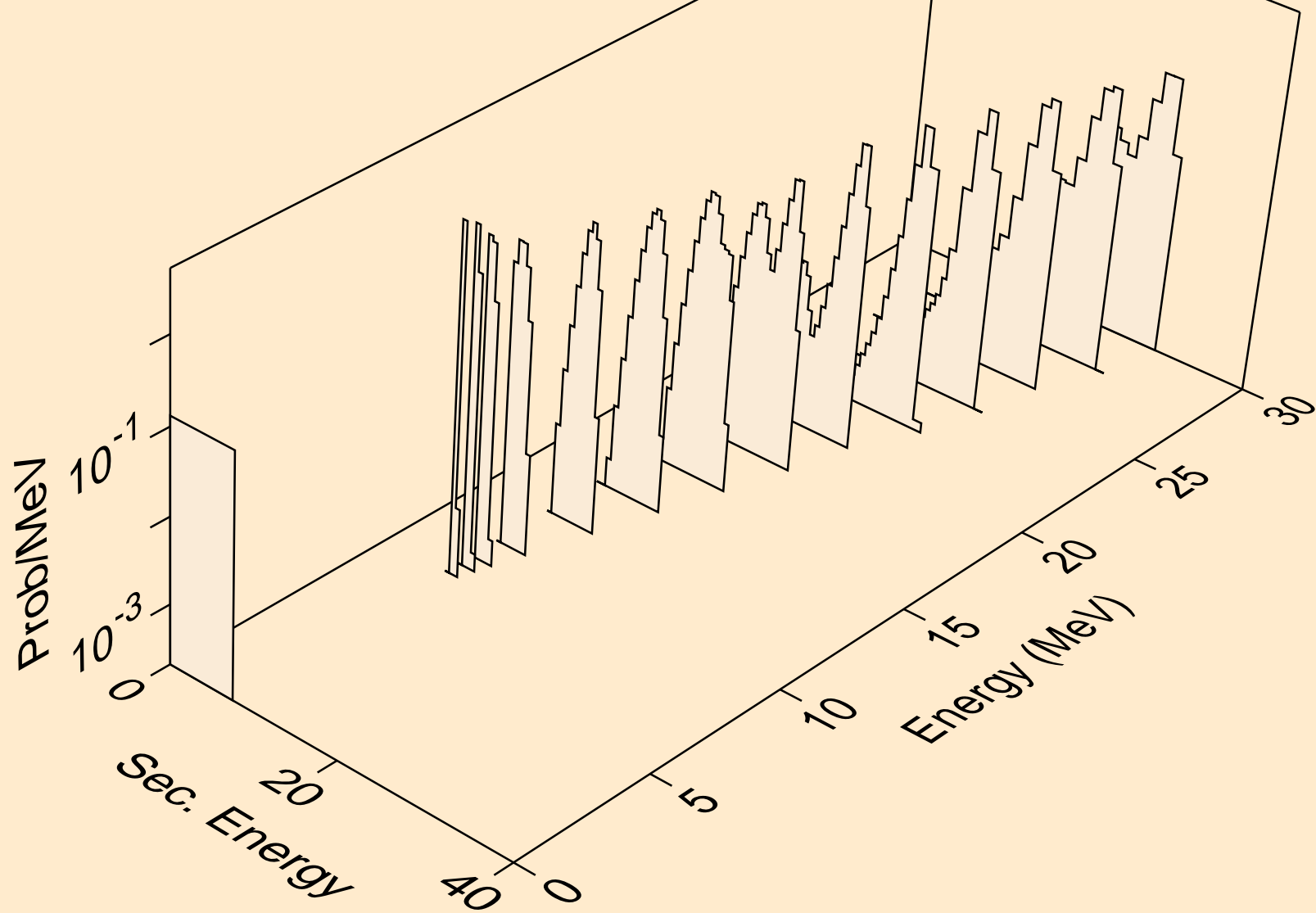




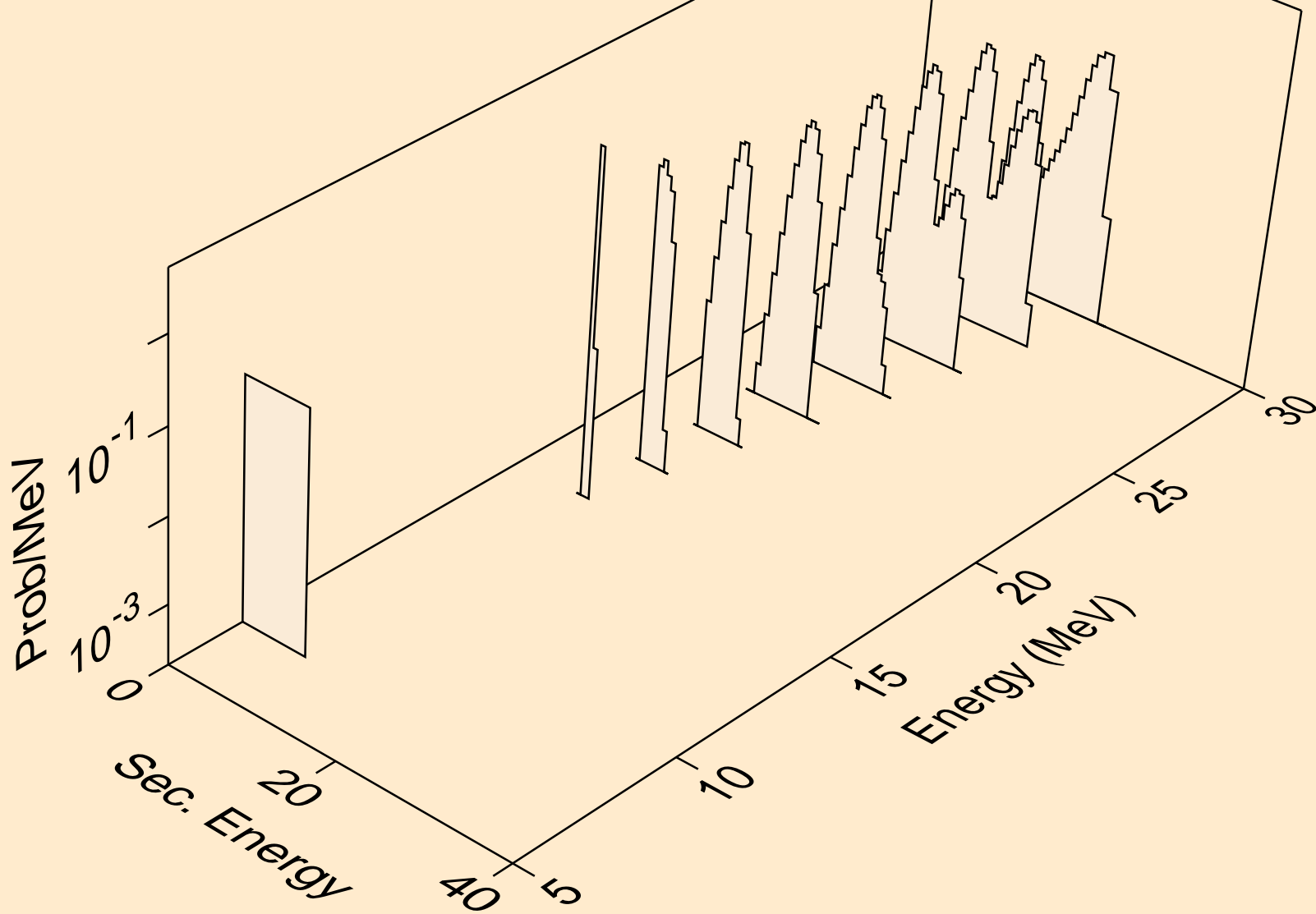
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



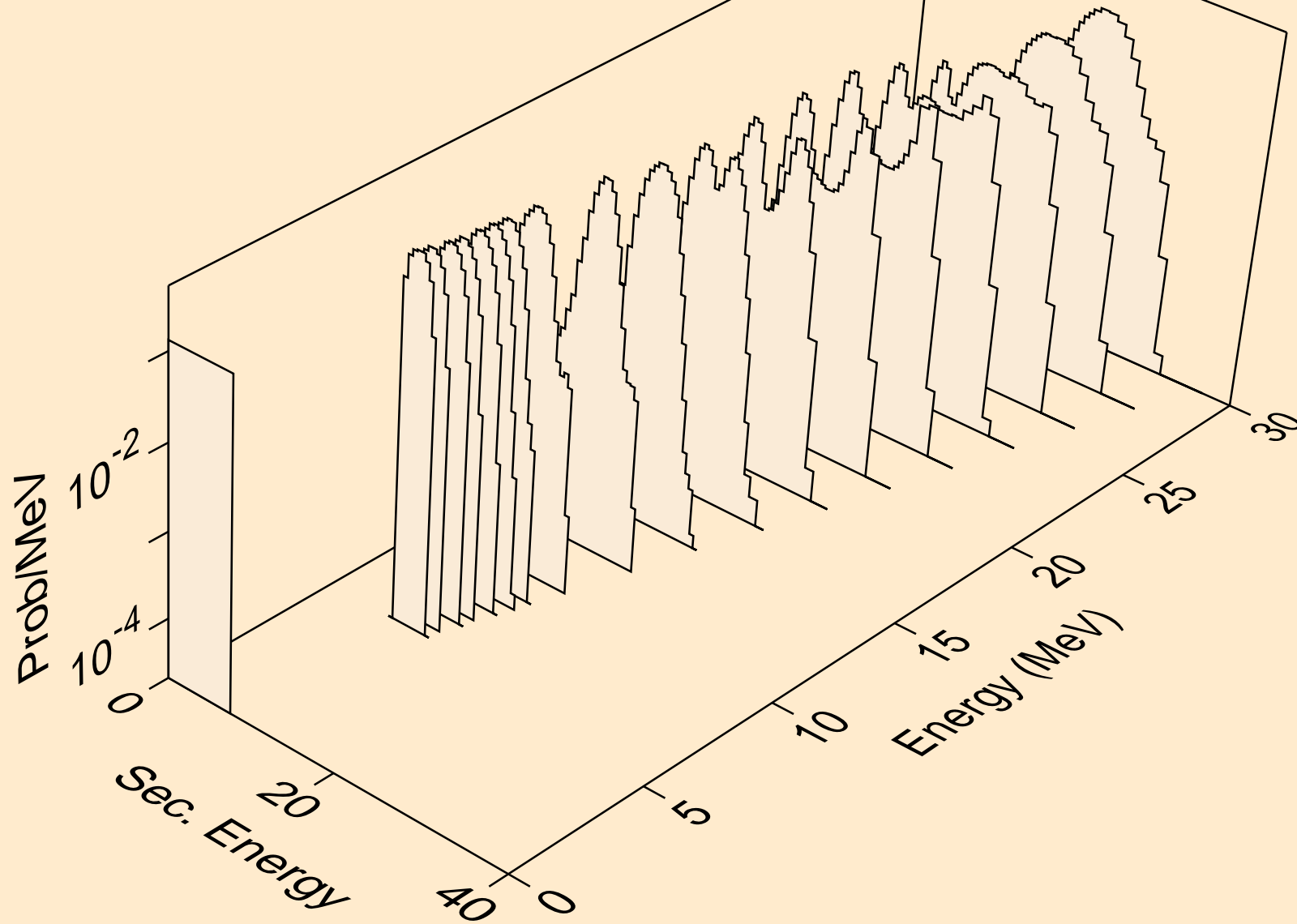
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



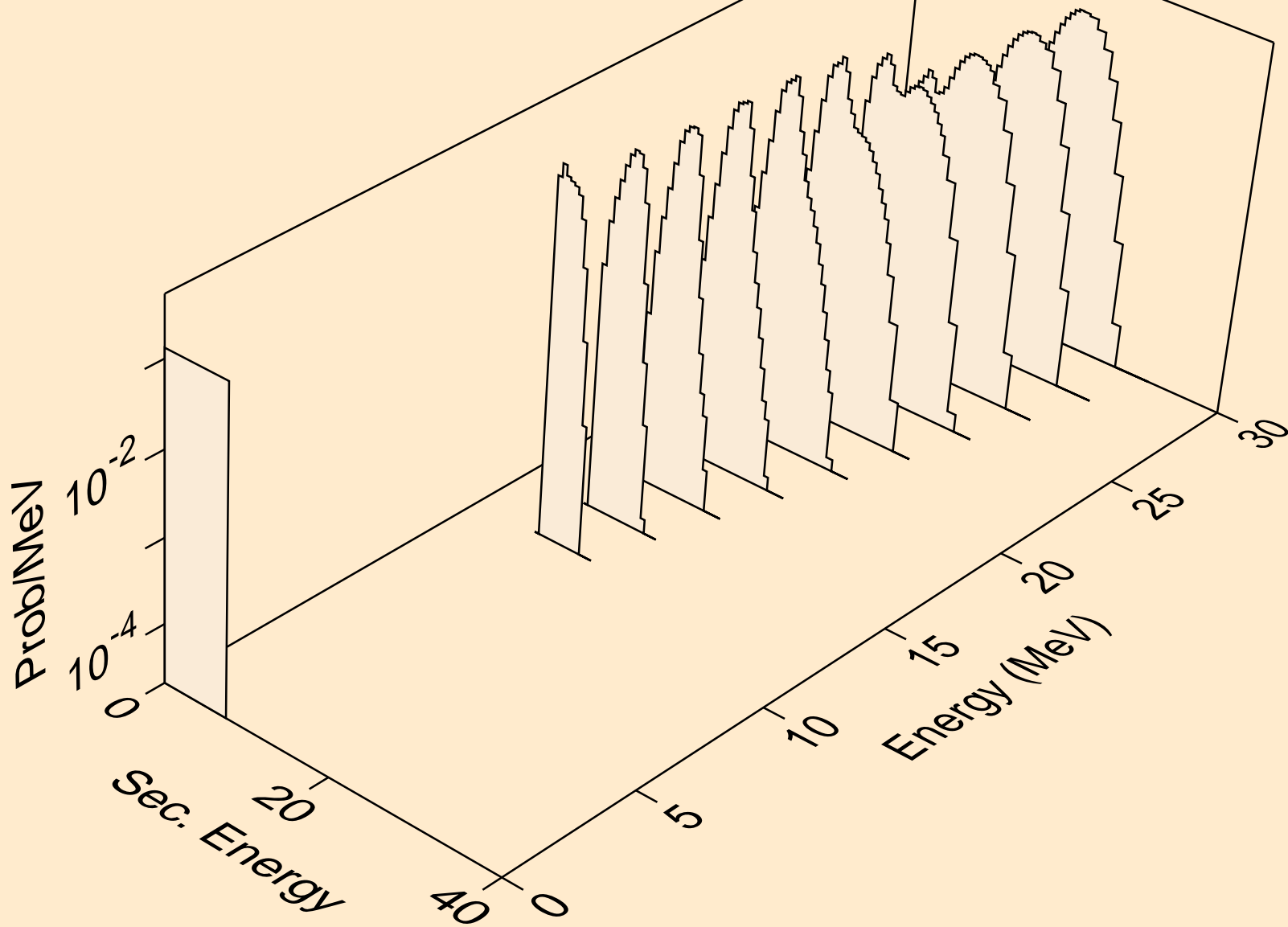
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



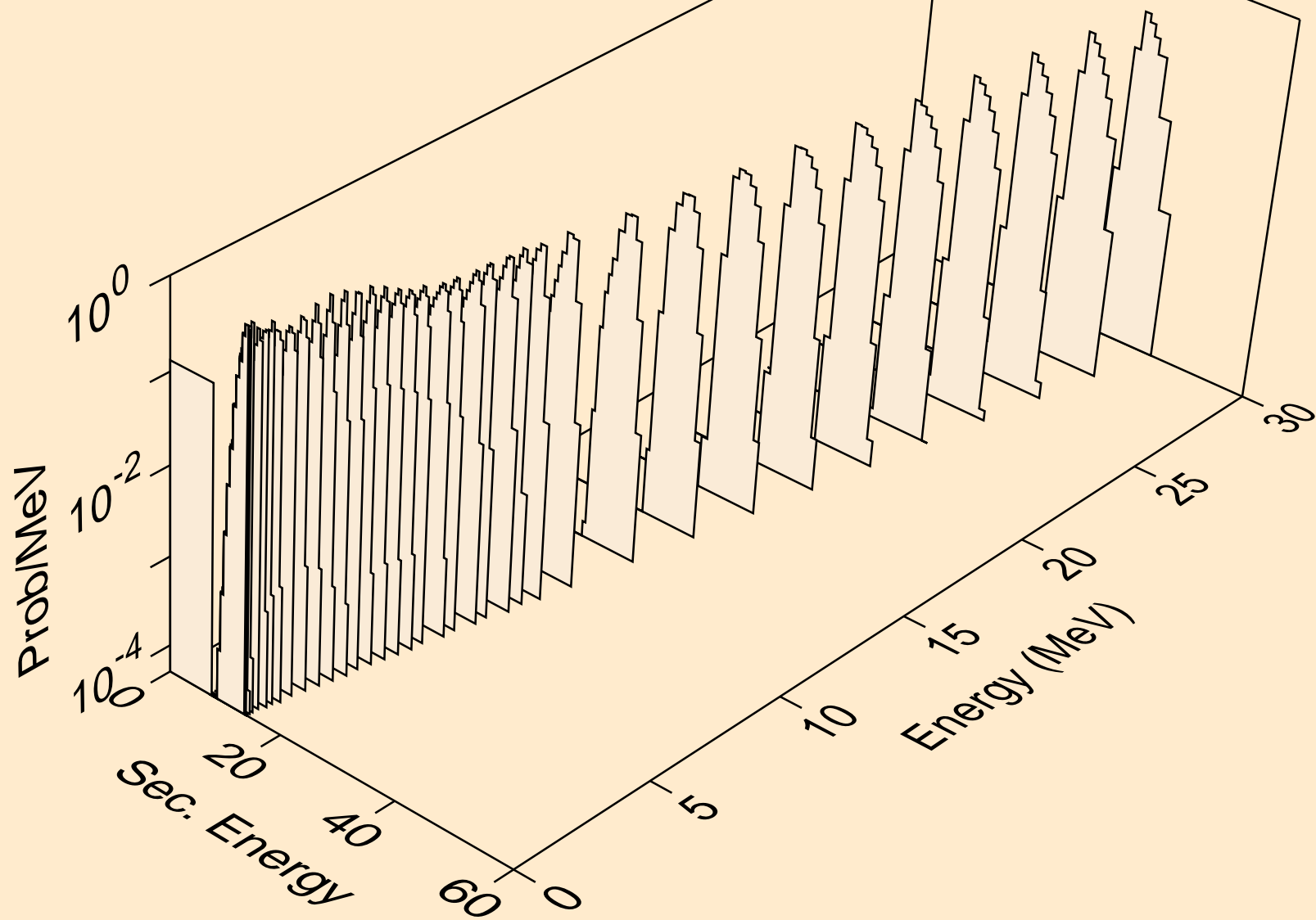
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



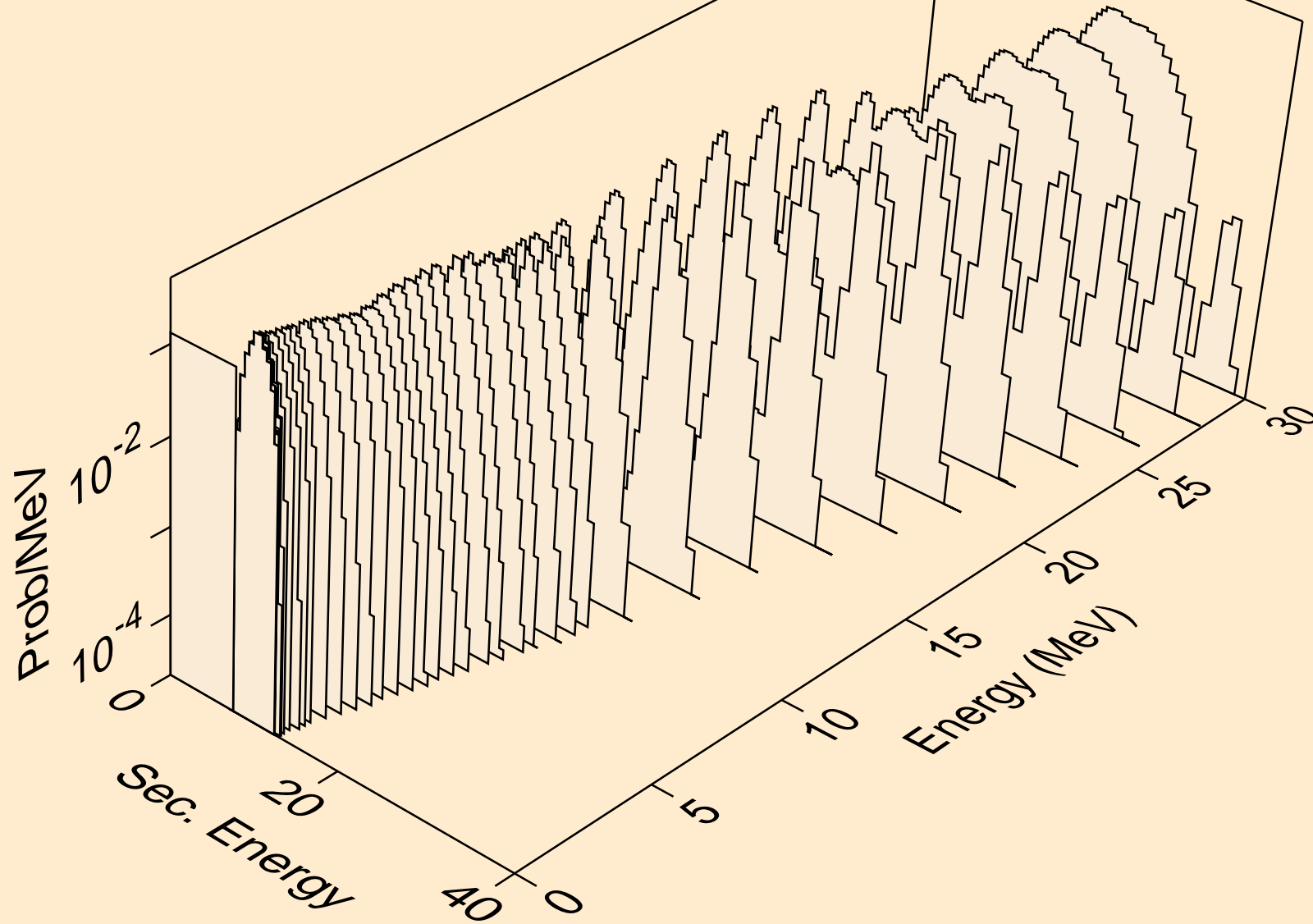
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



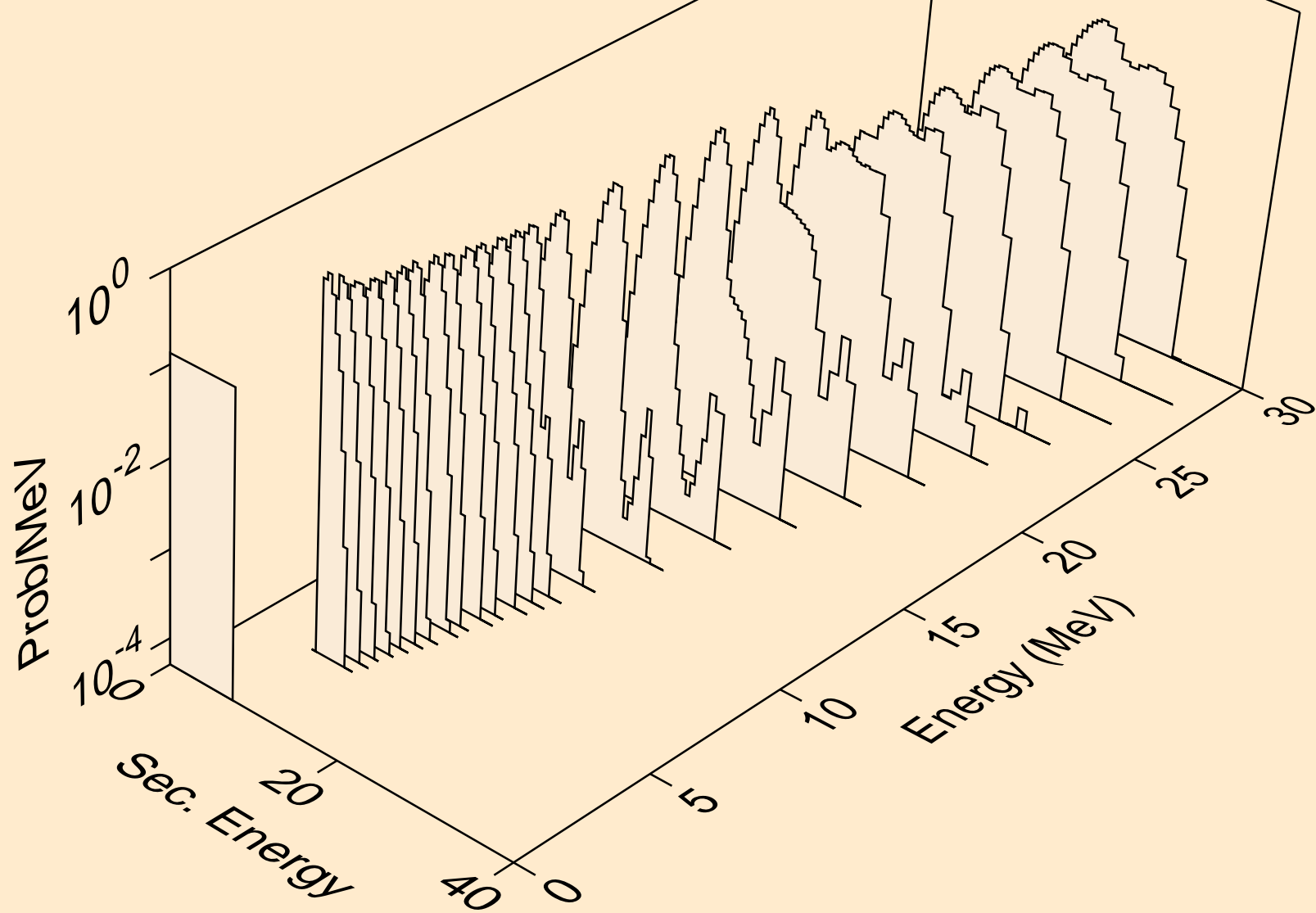
NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





NP230 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

