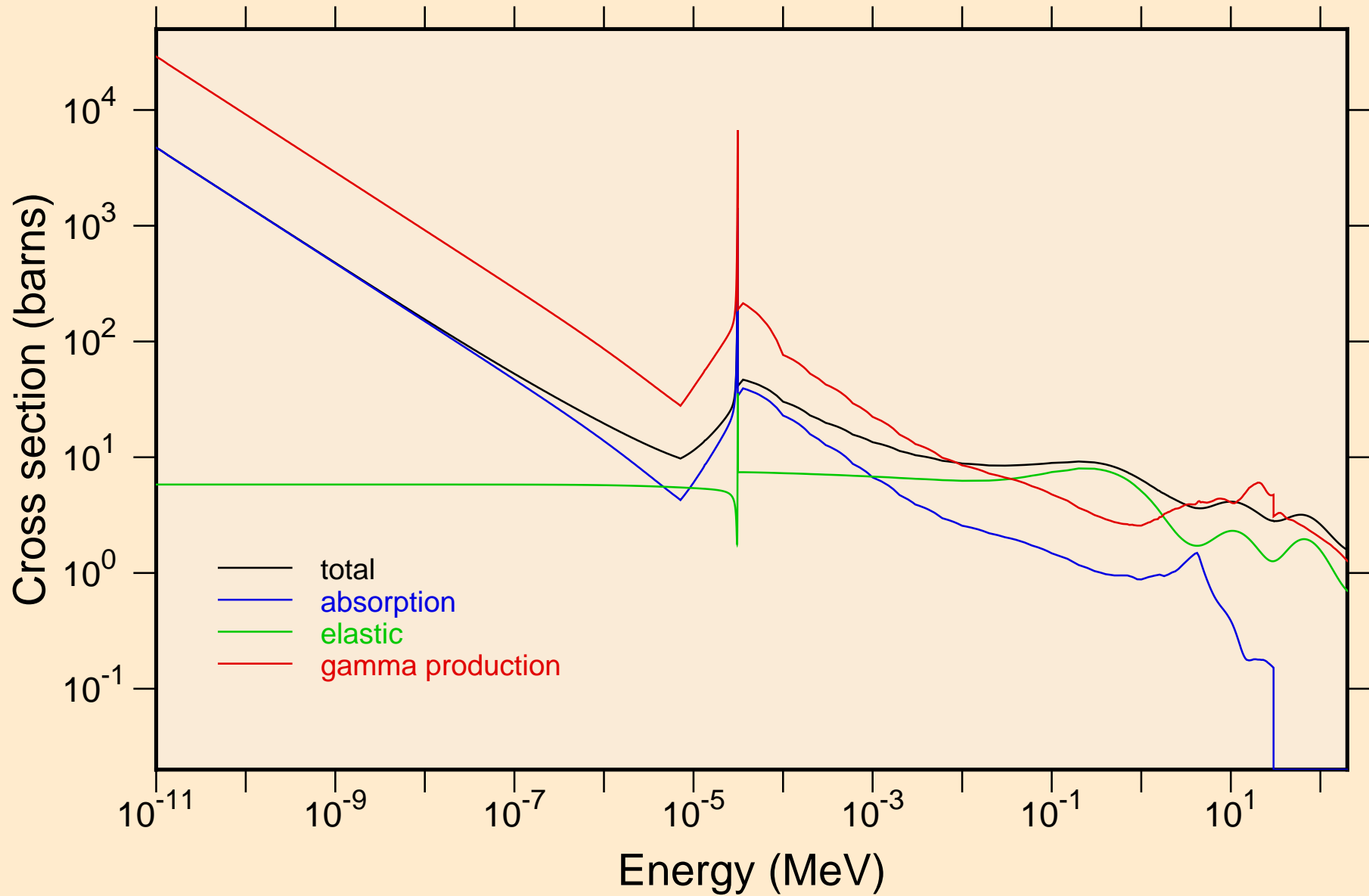
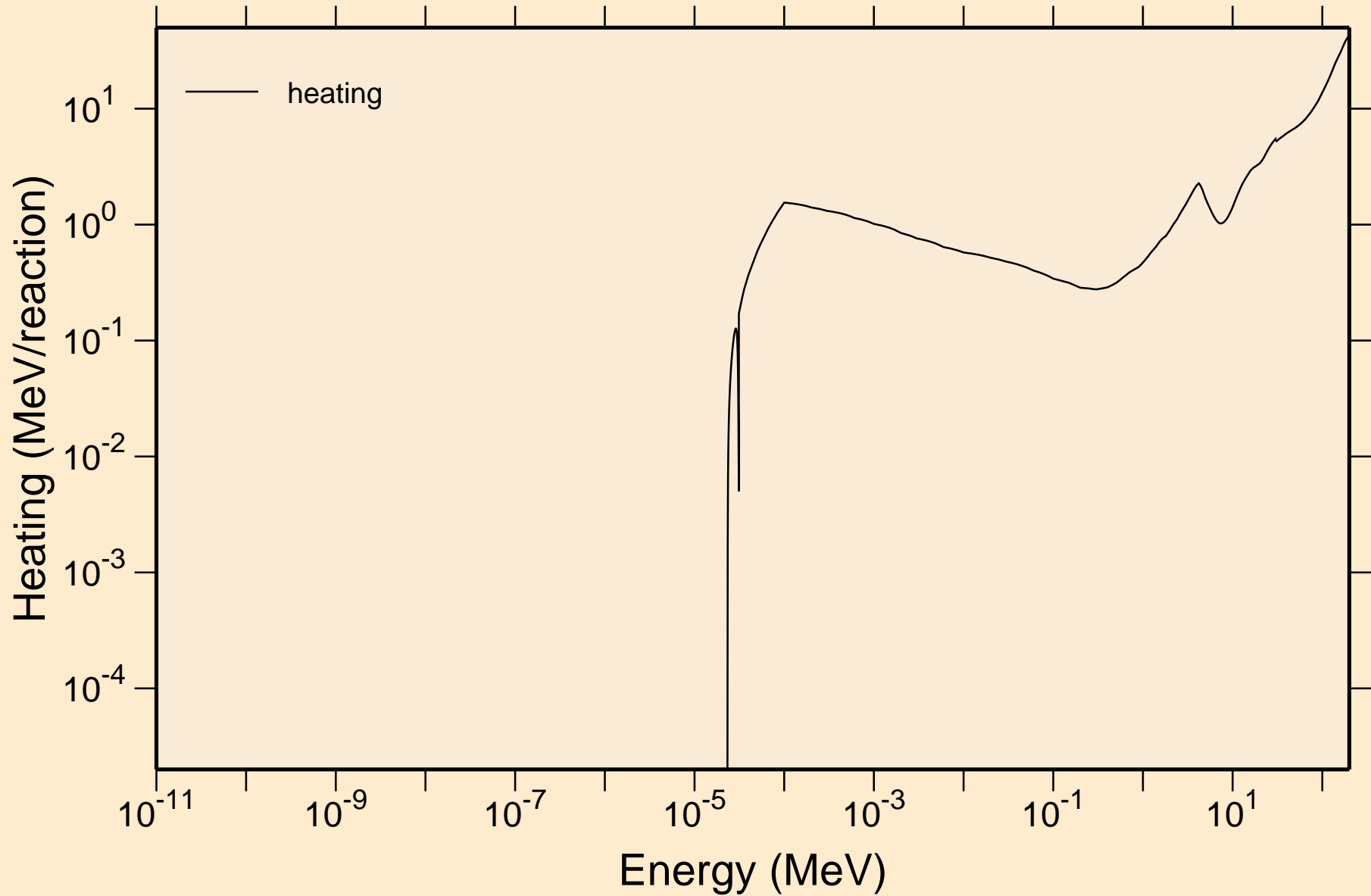


# NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

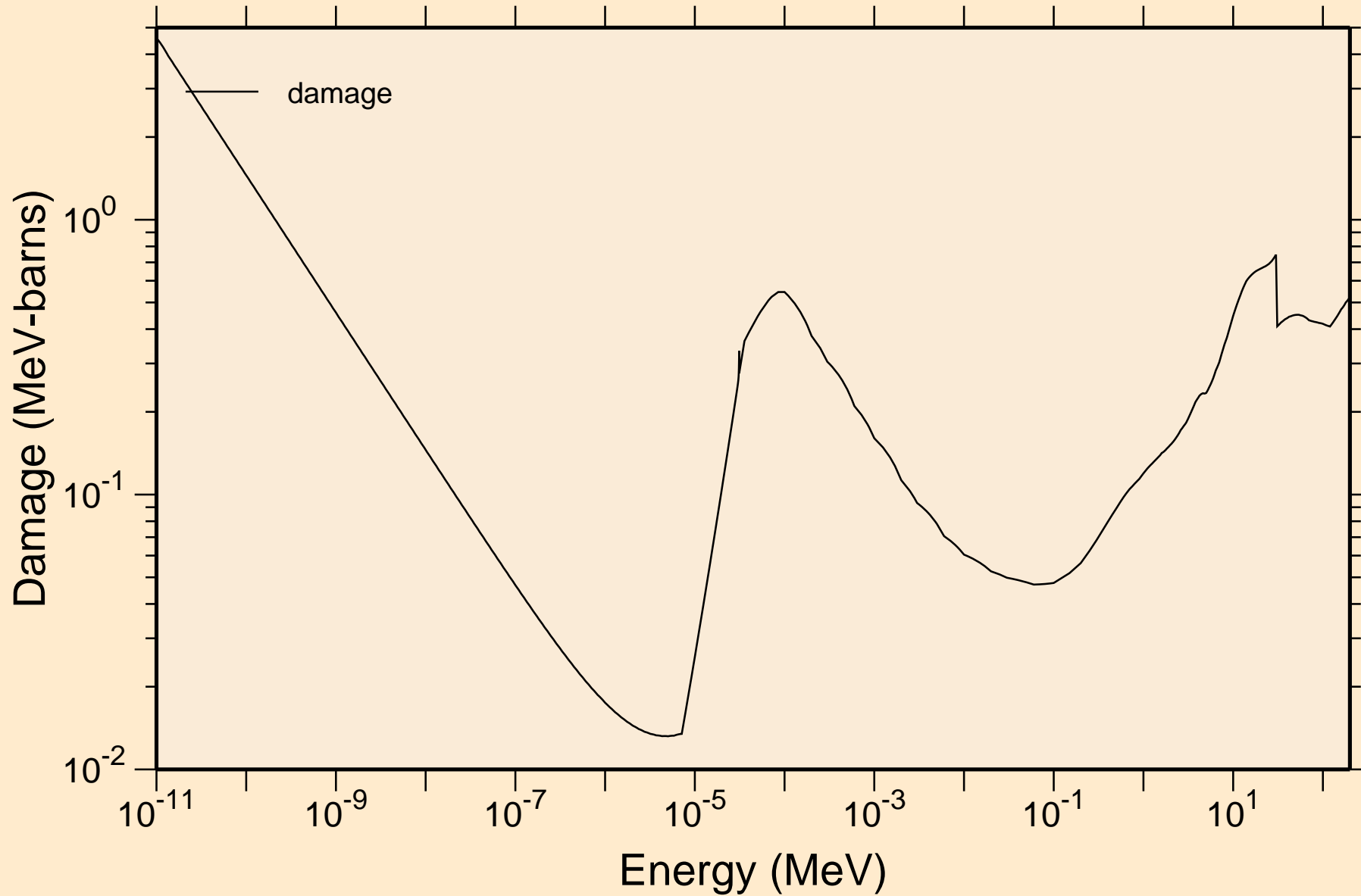
## Principal cross sections



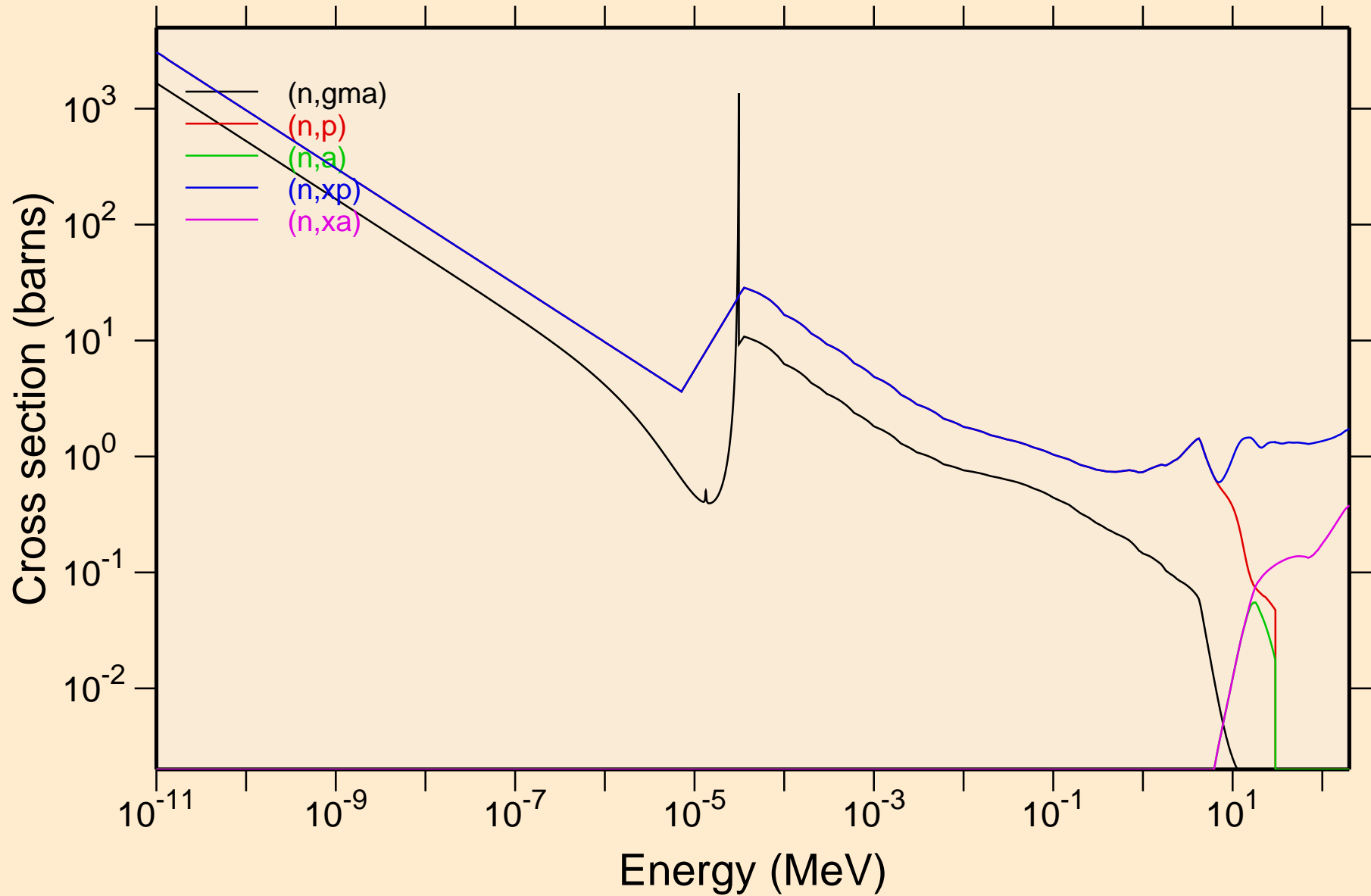
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

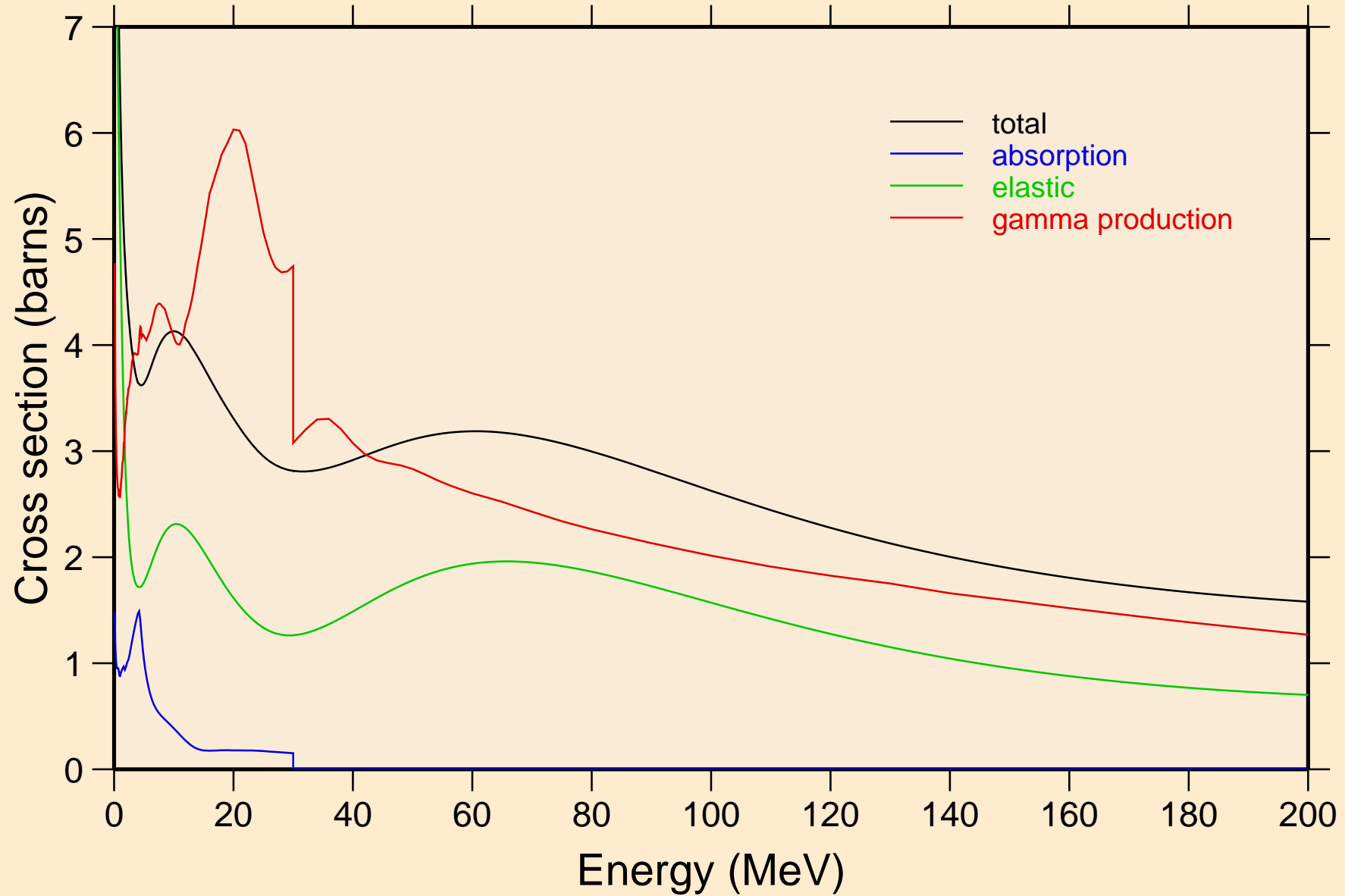


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

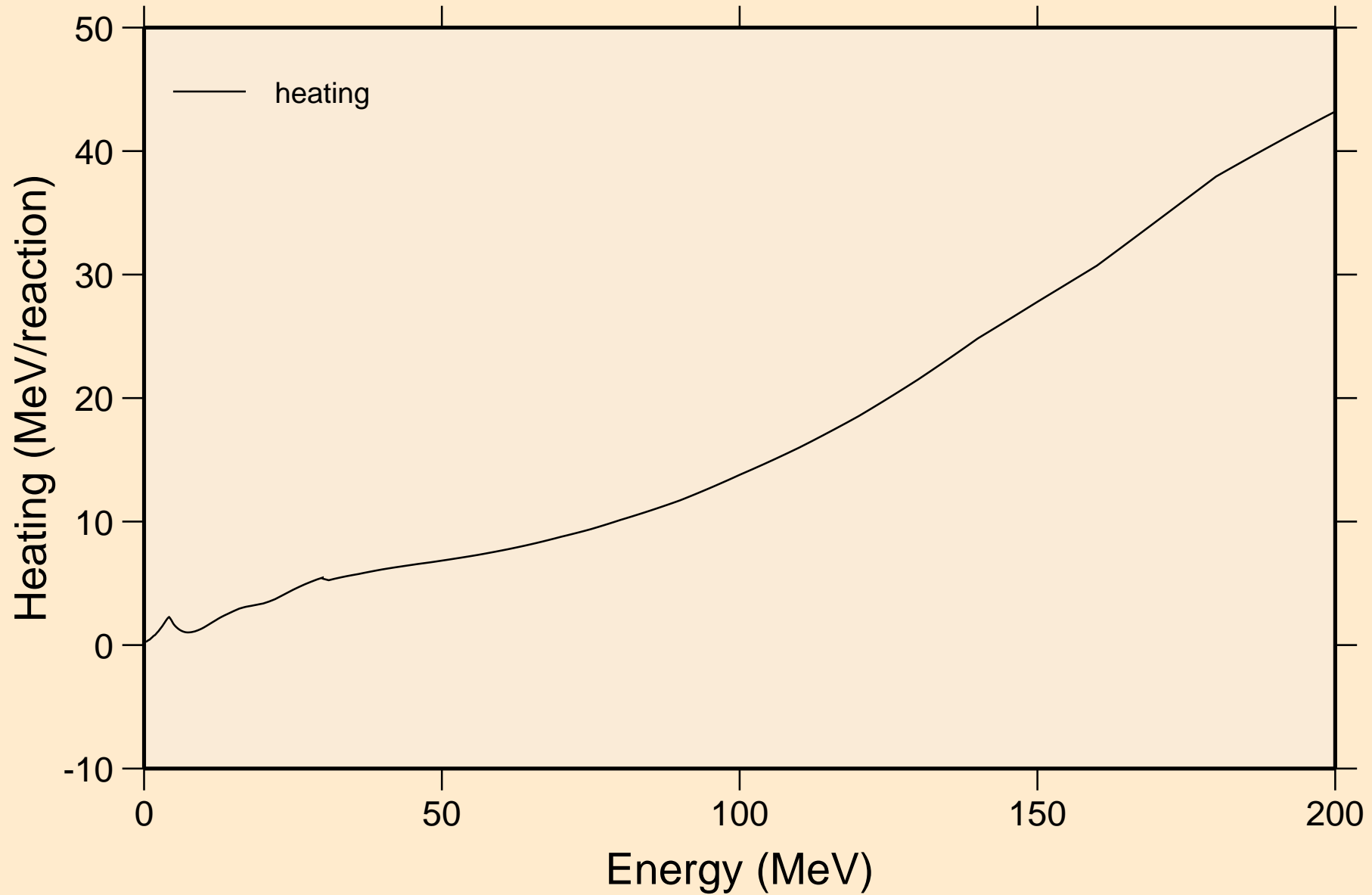


# NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

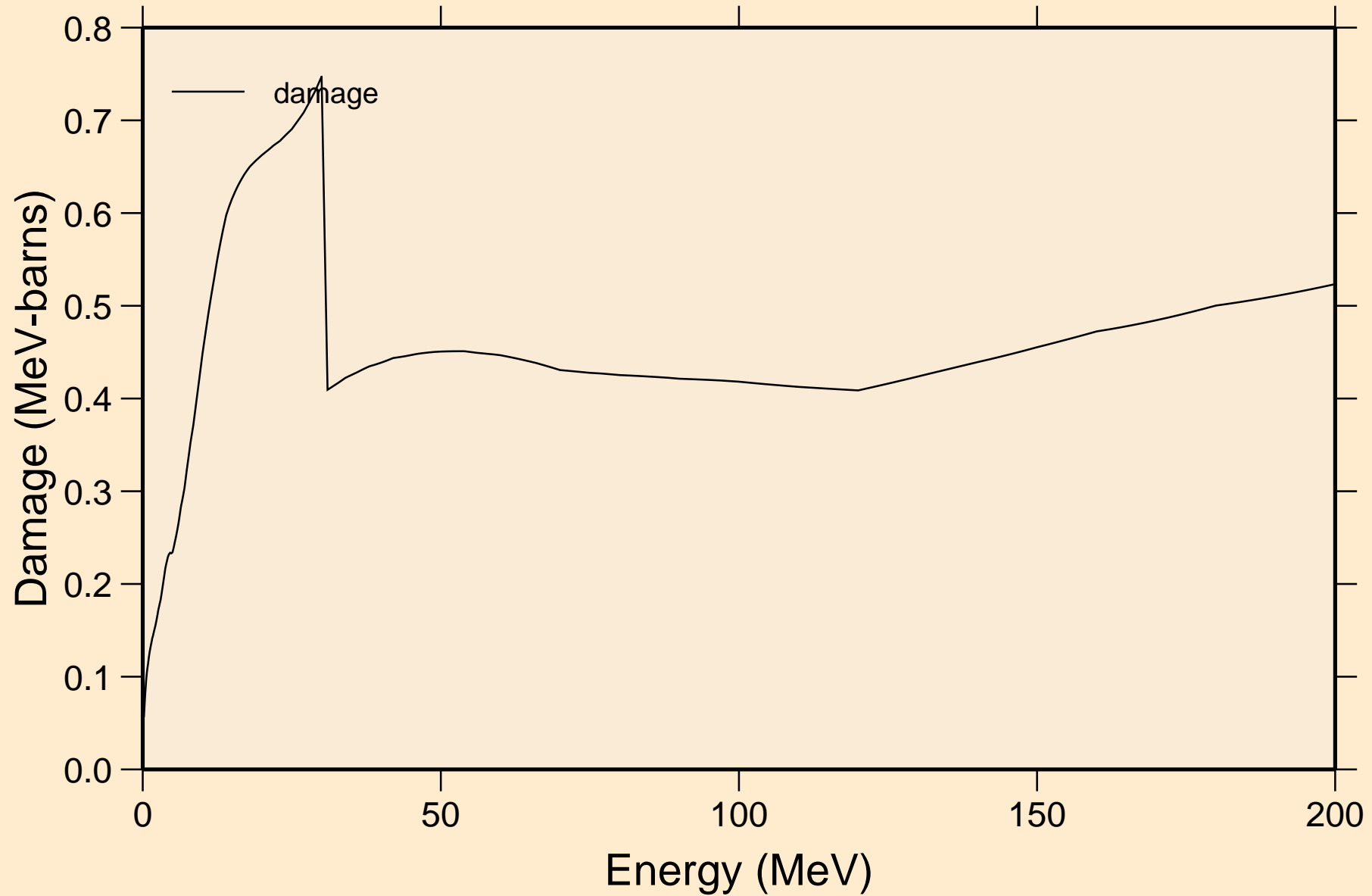
## Principal cross sections



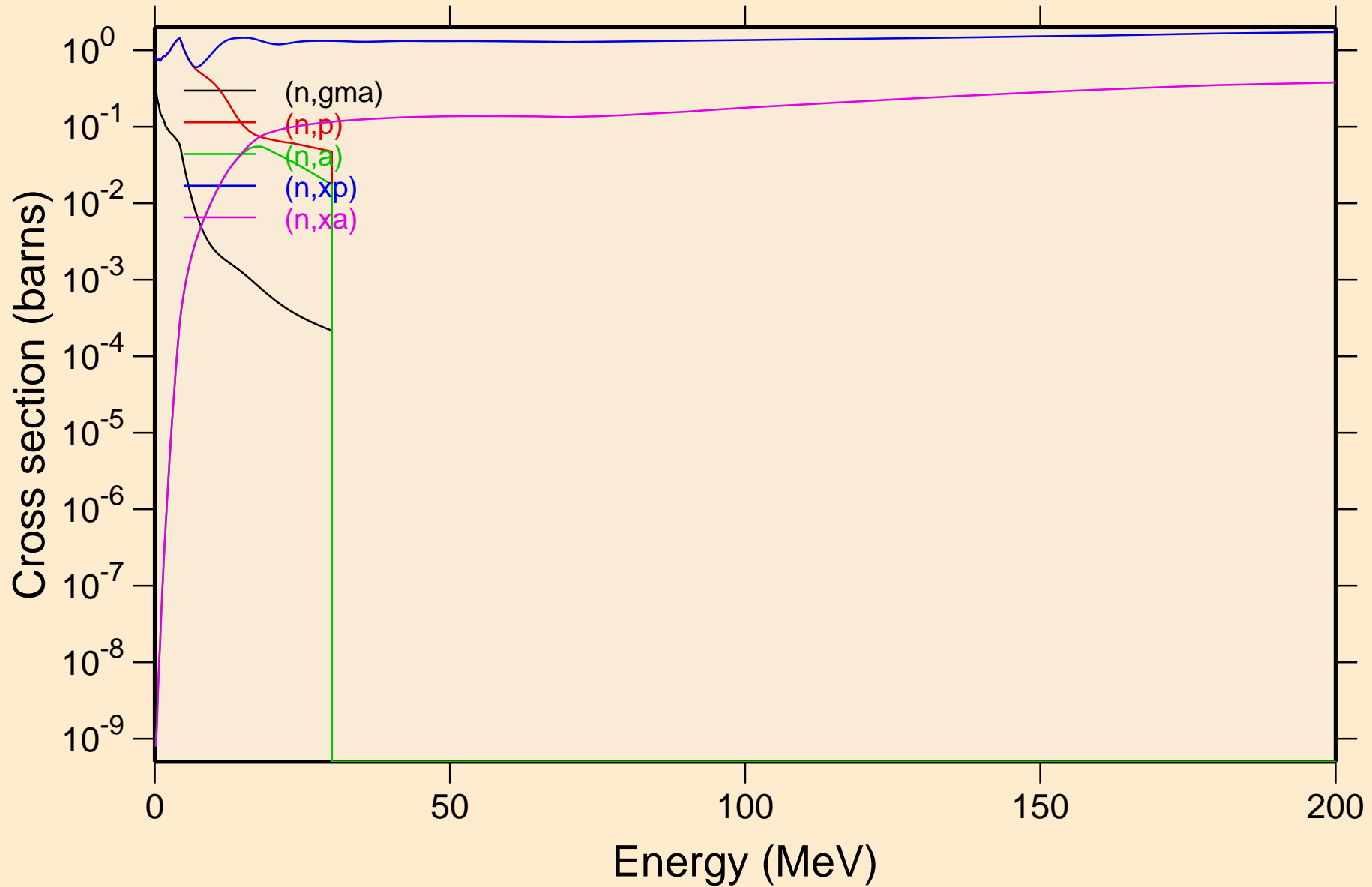
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

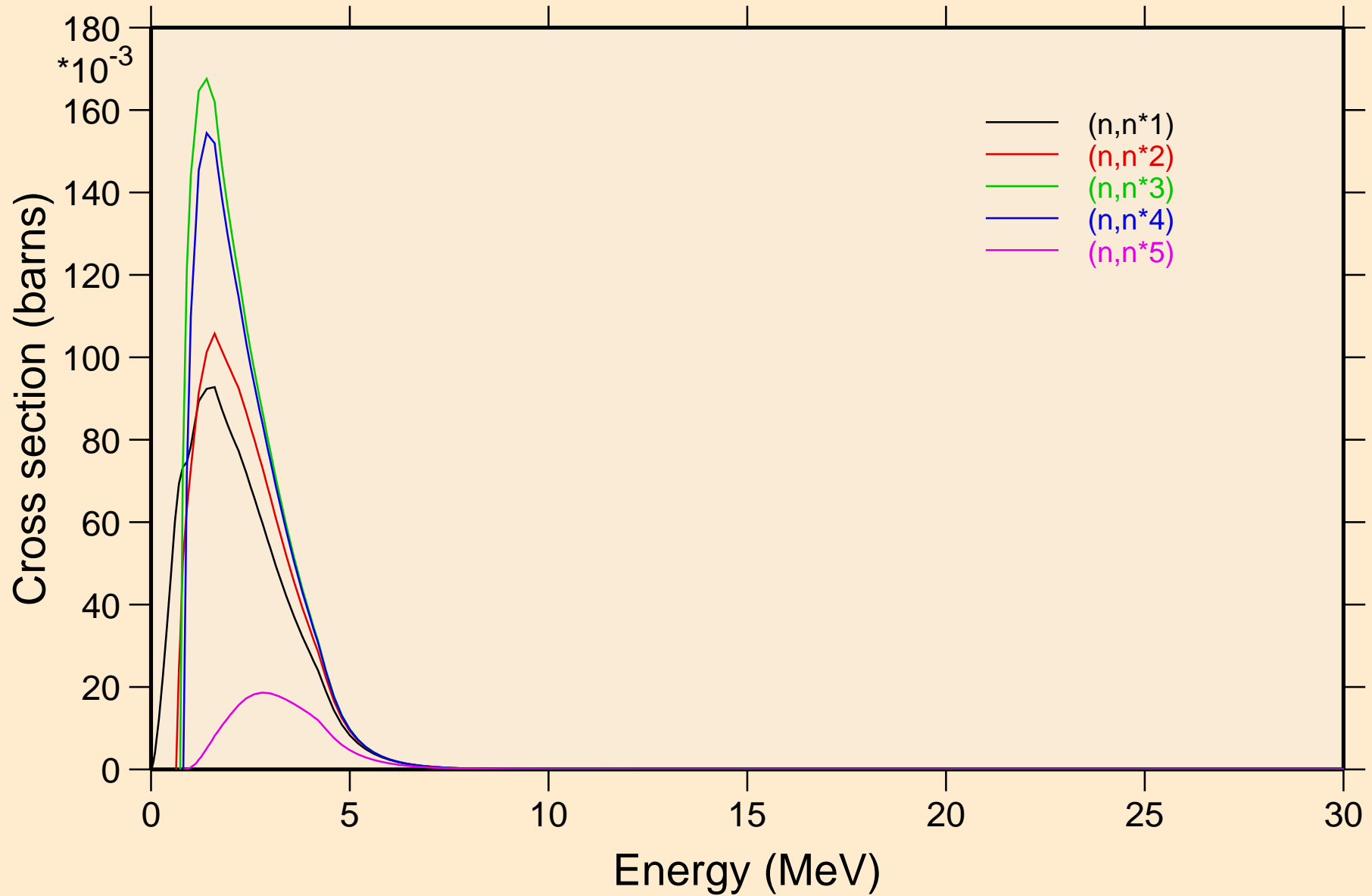


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

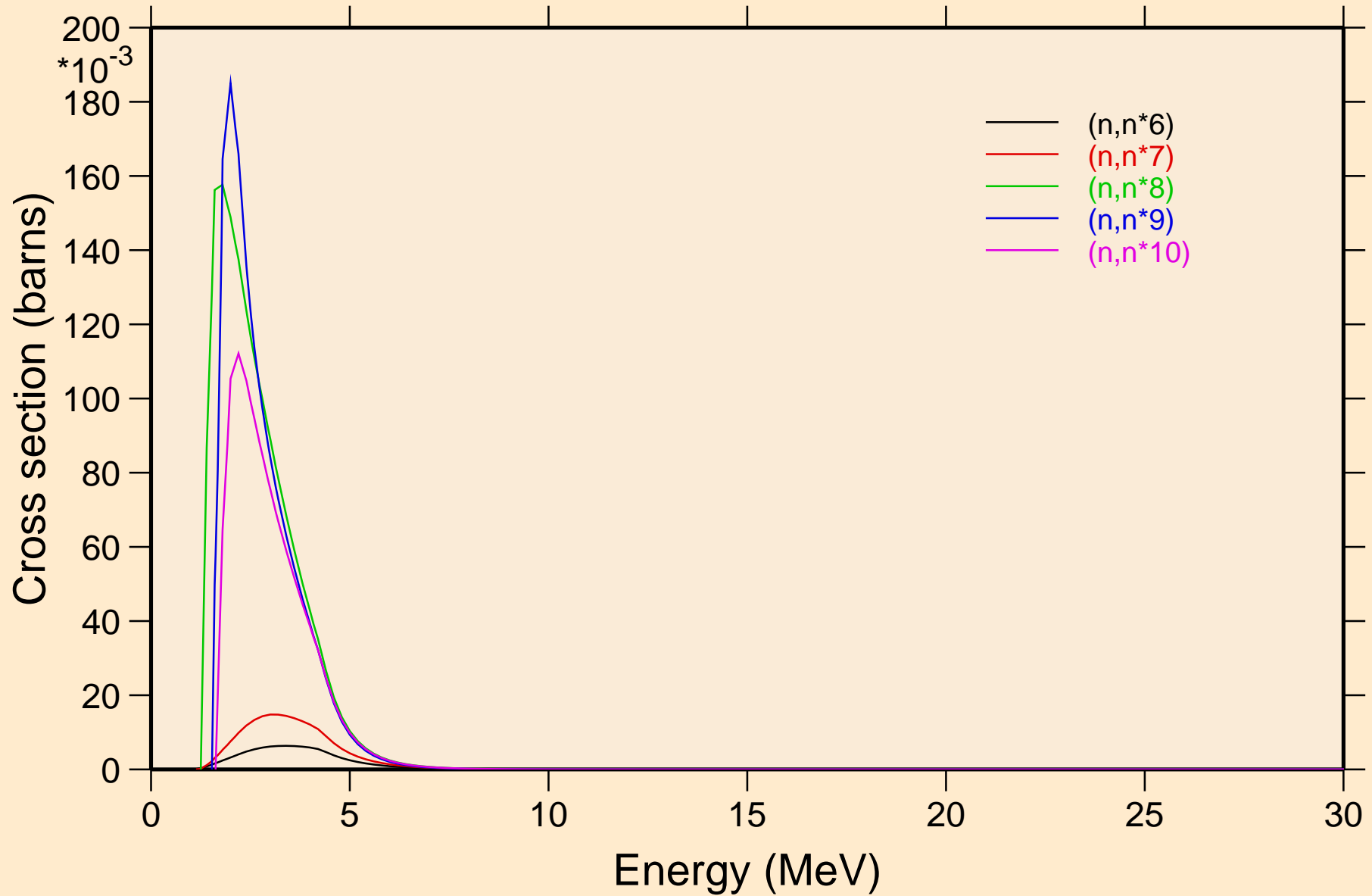




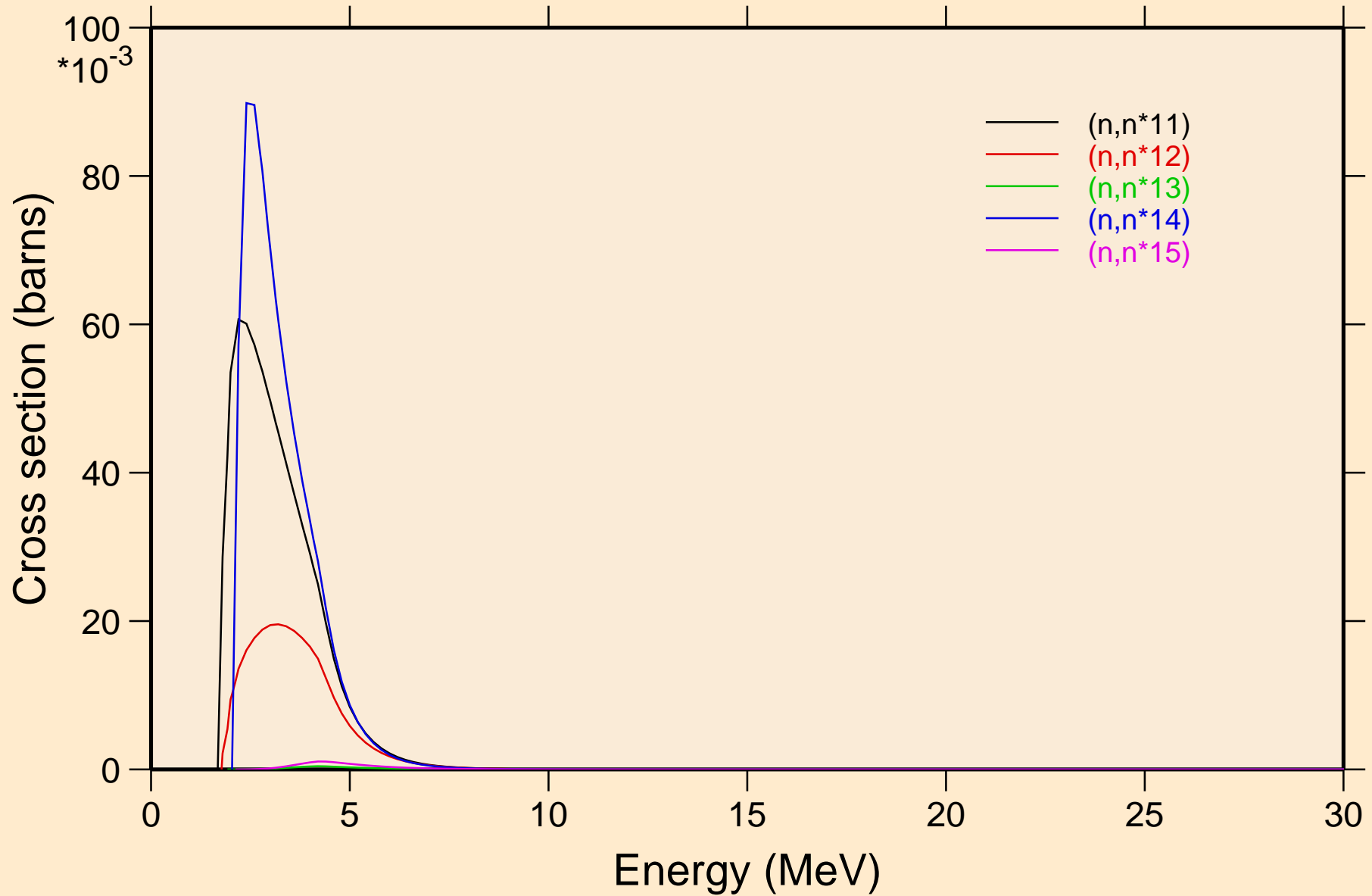
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



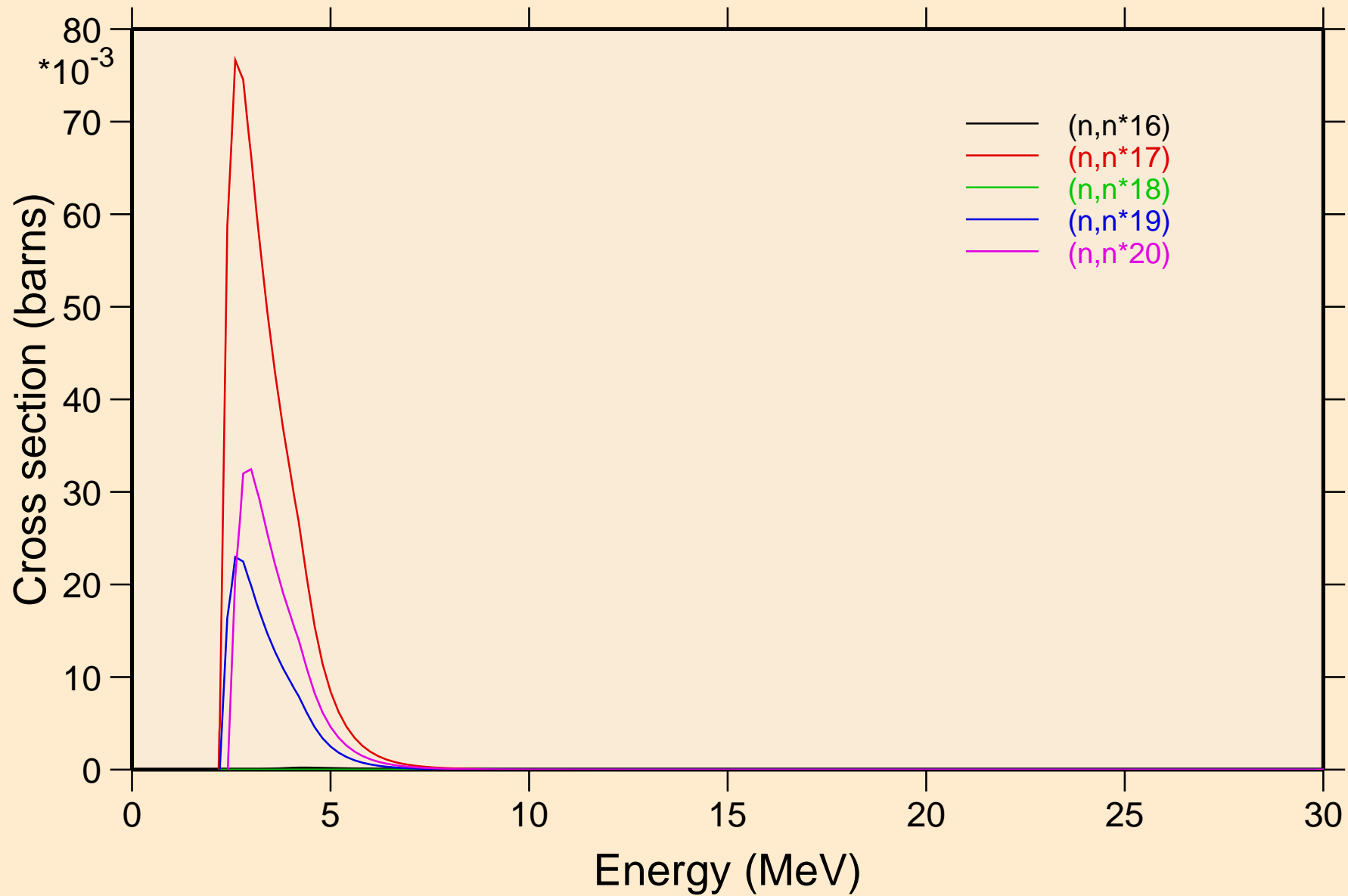
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



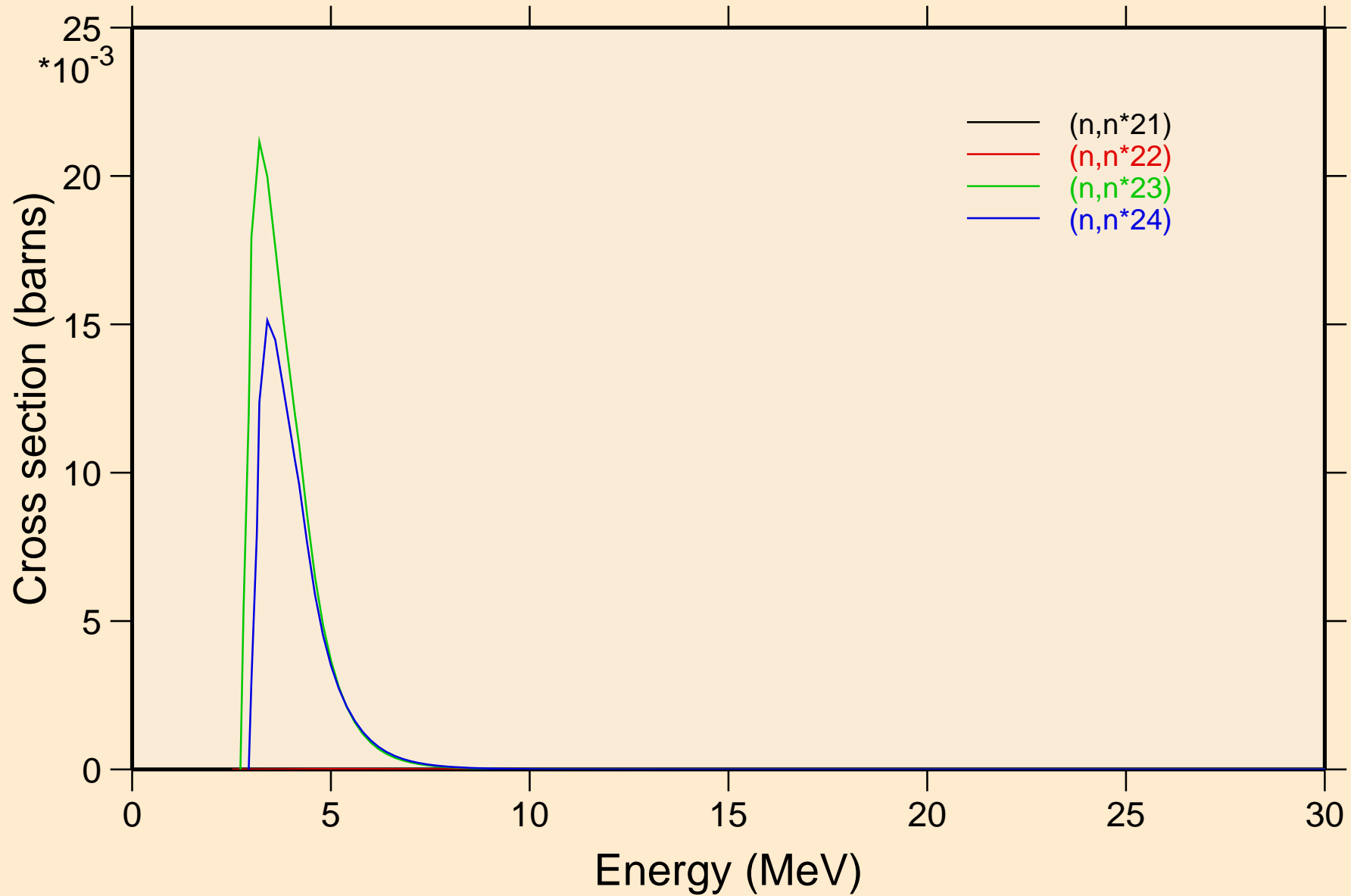
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

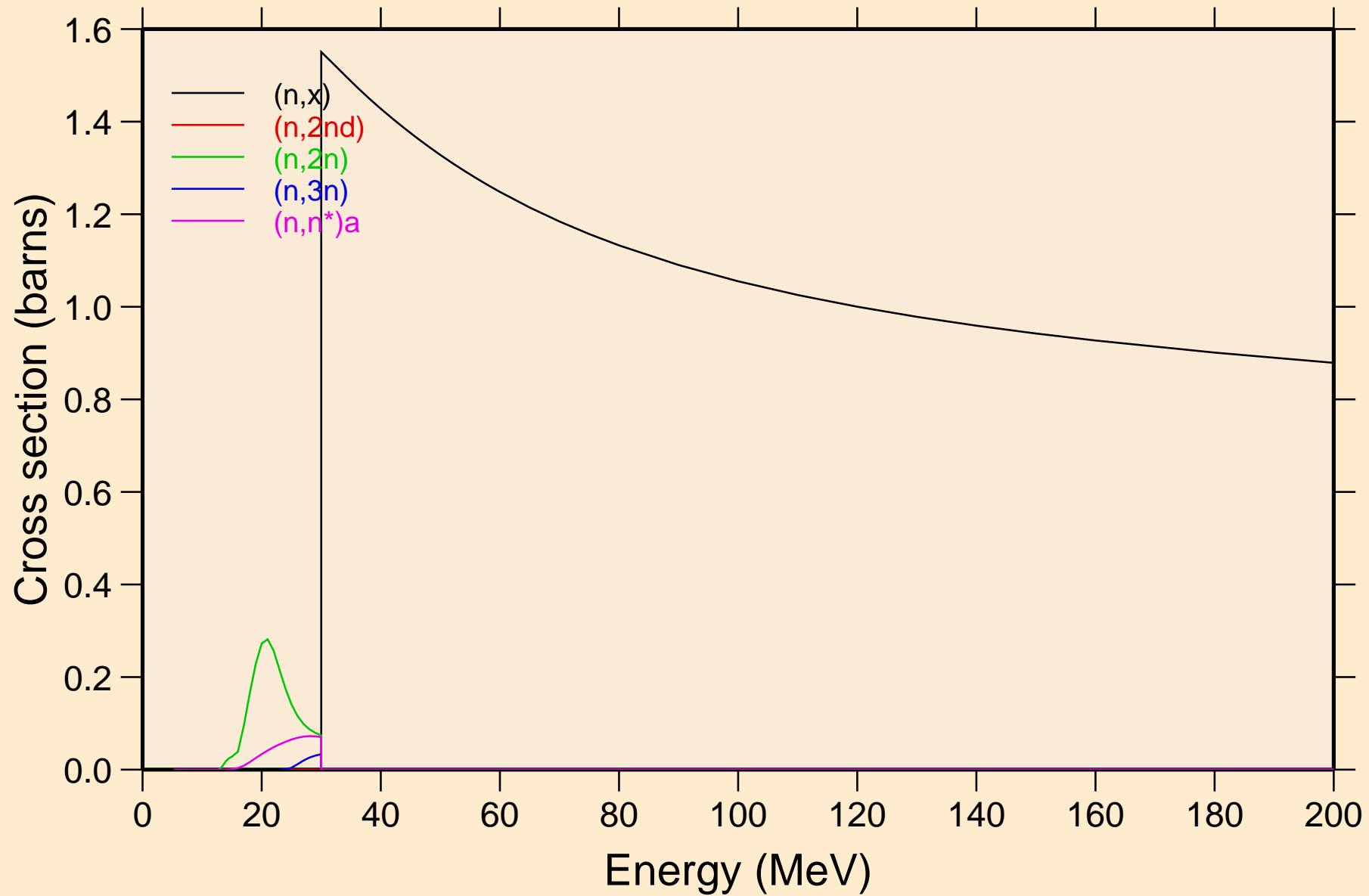


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

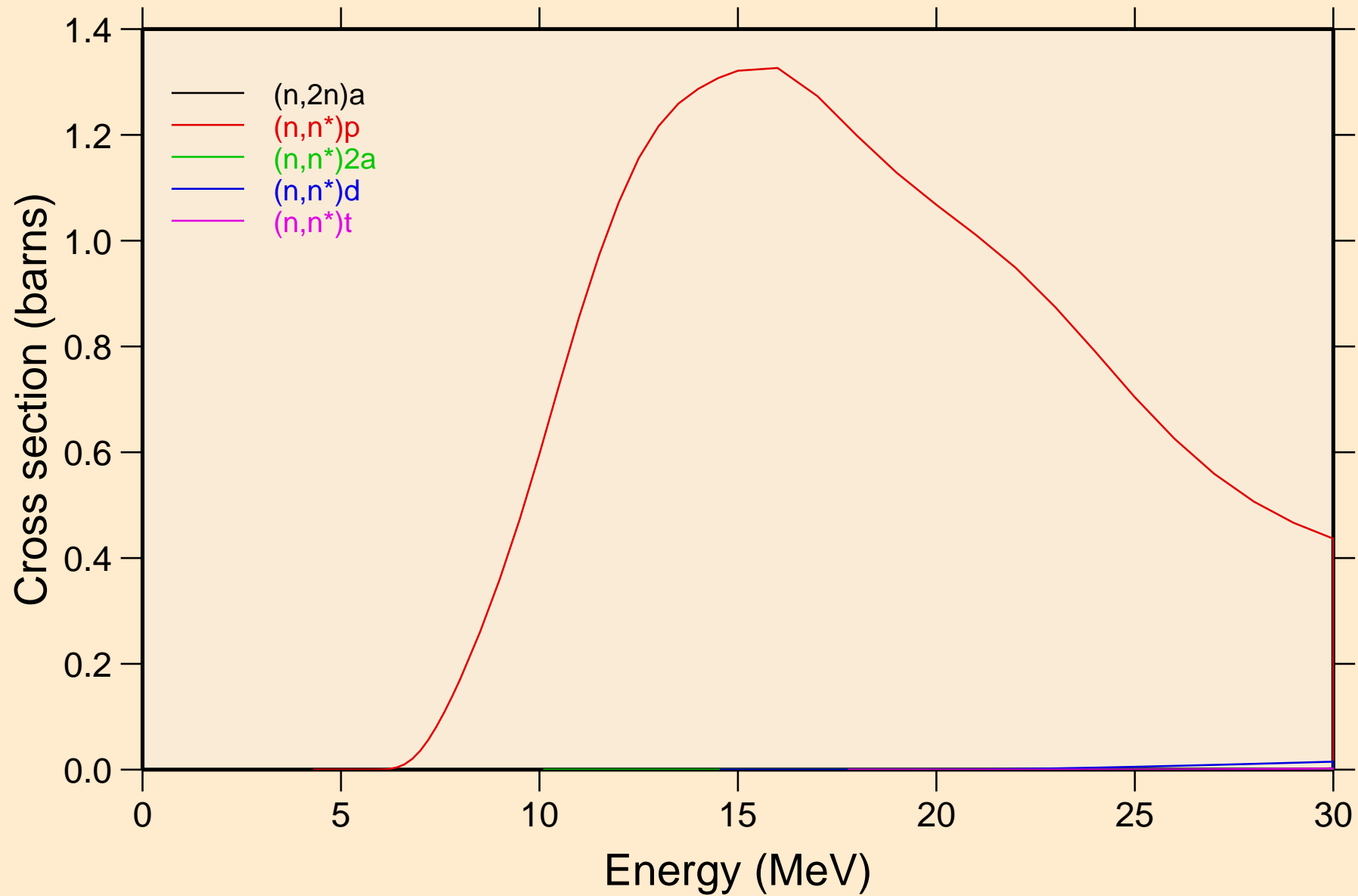


# NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

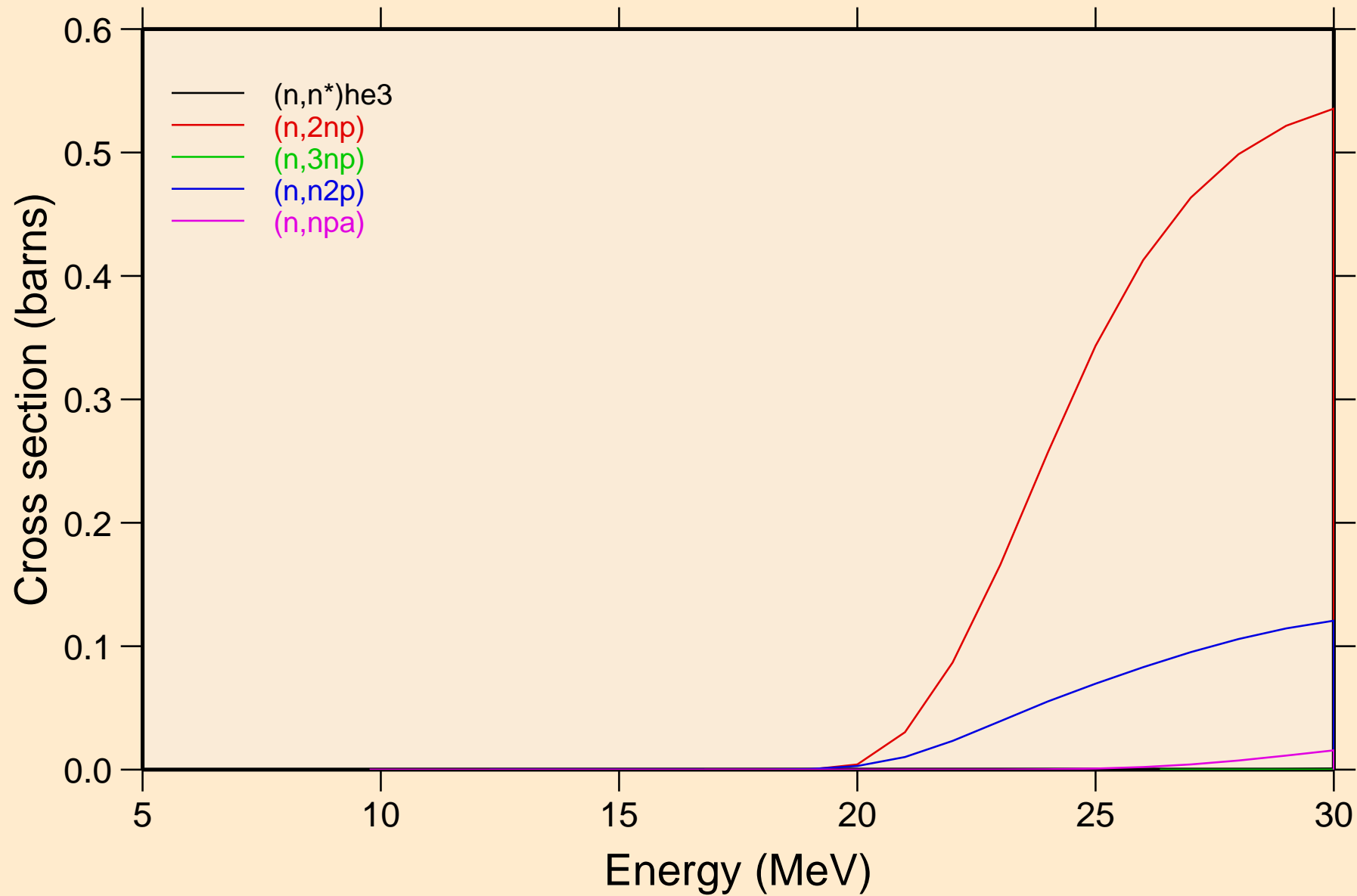
## Threshold reactions



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

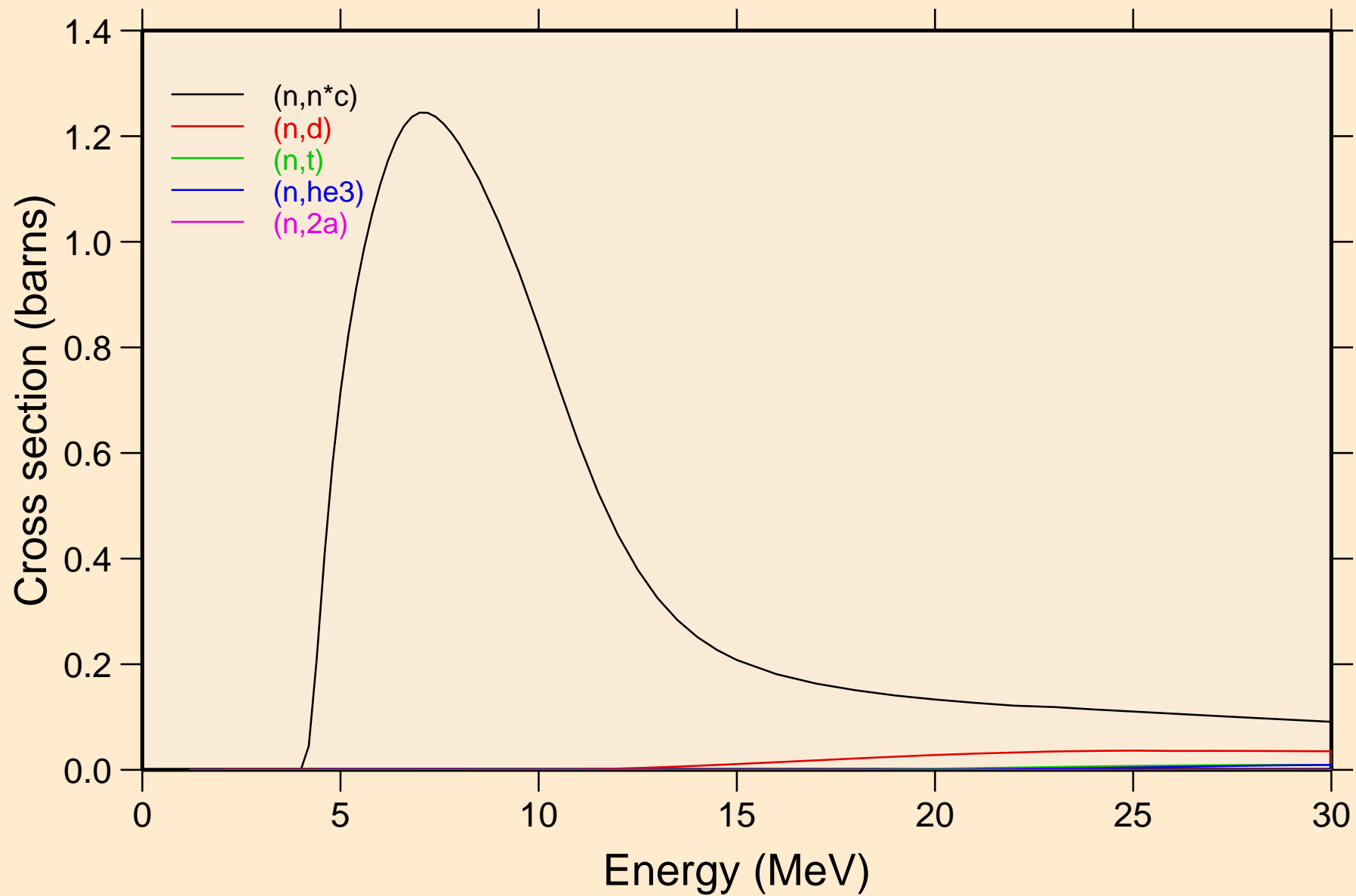


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

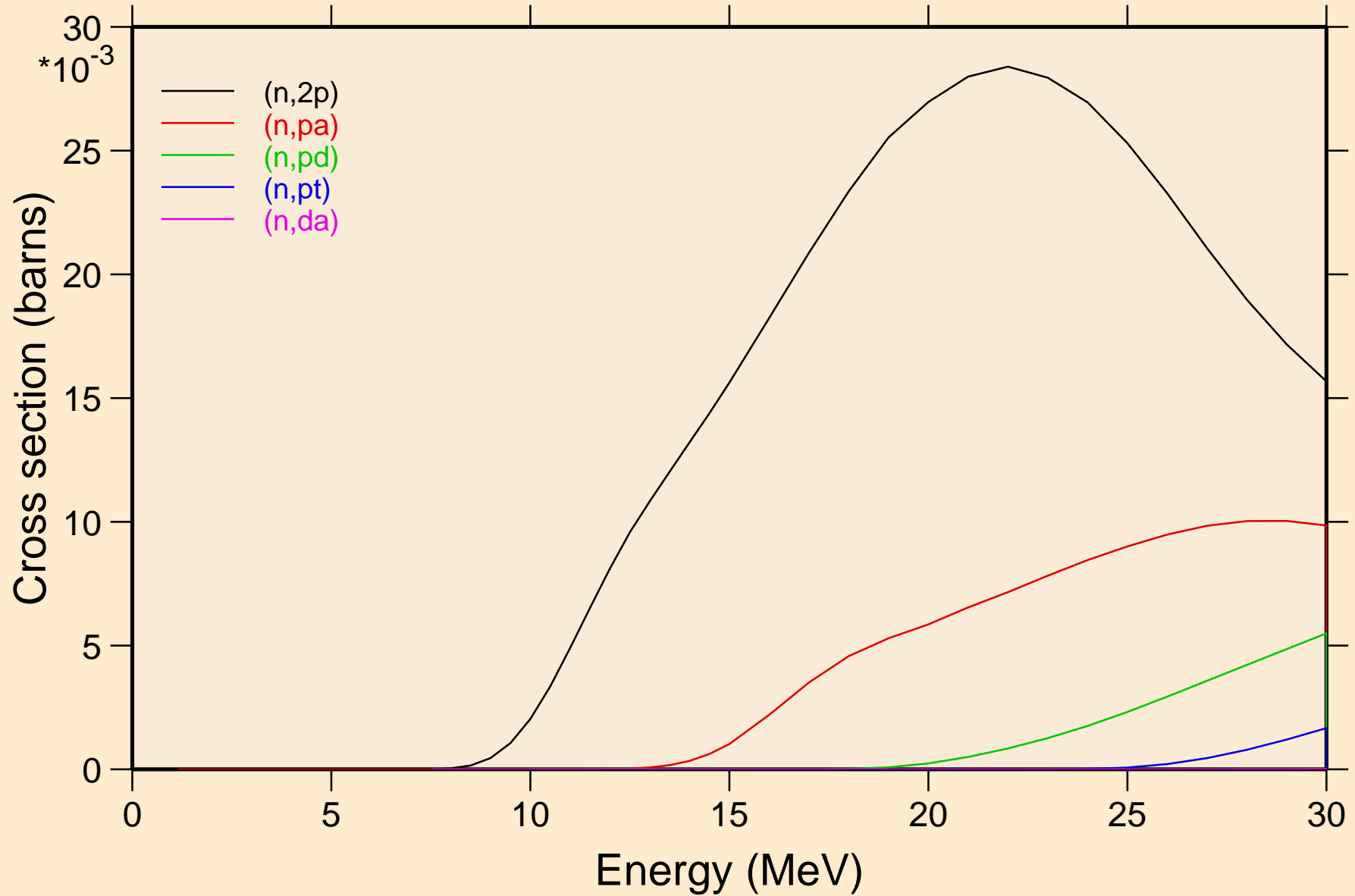




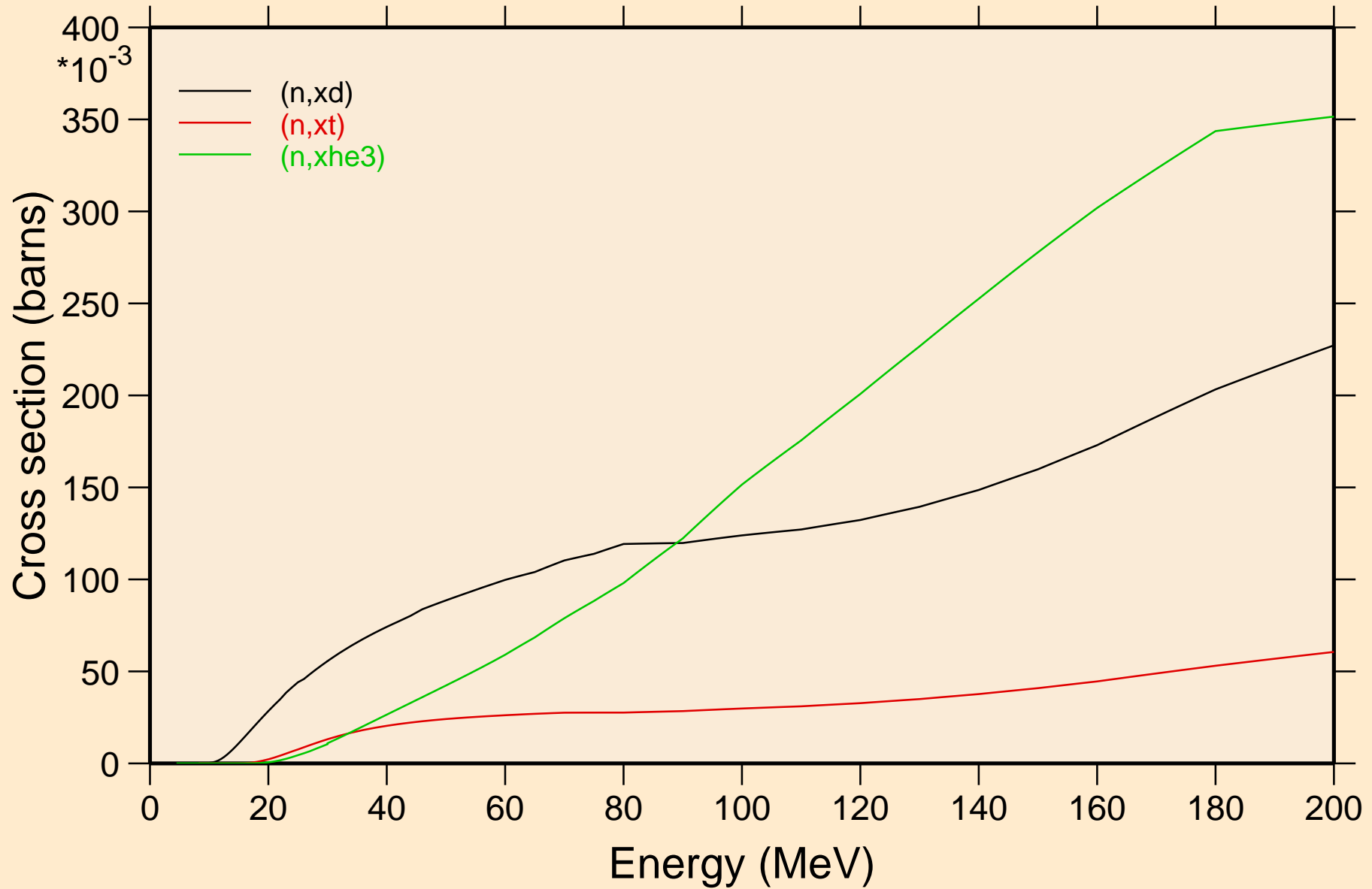
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



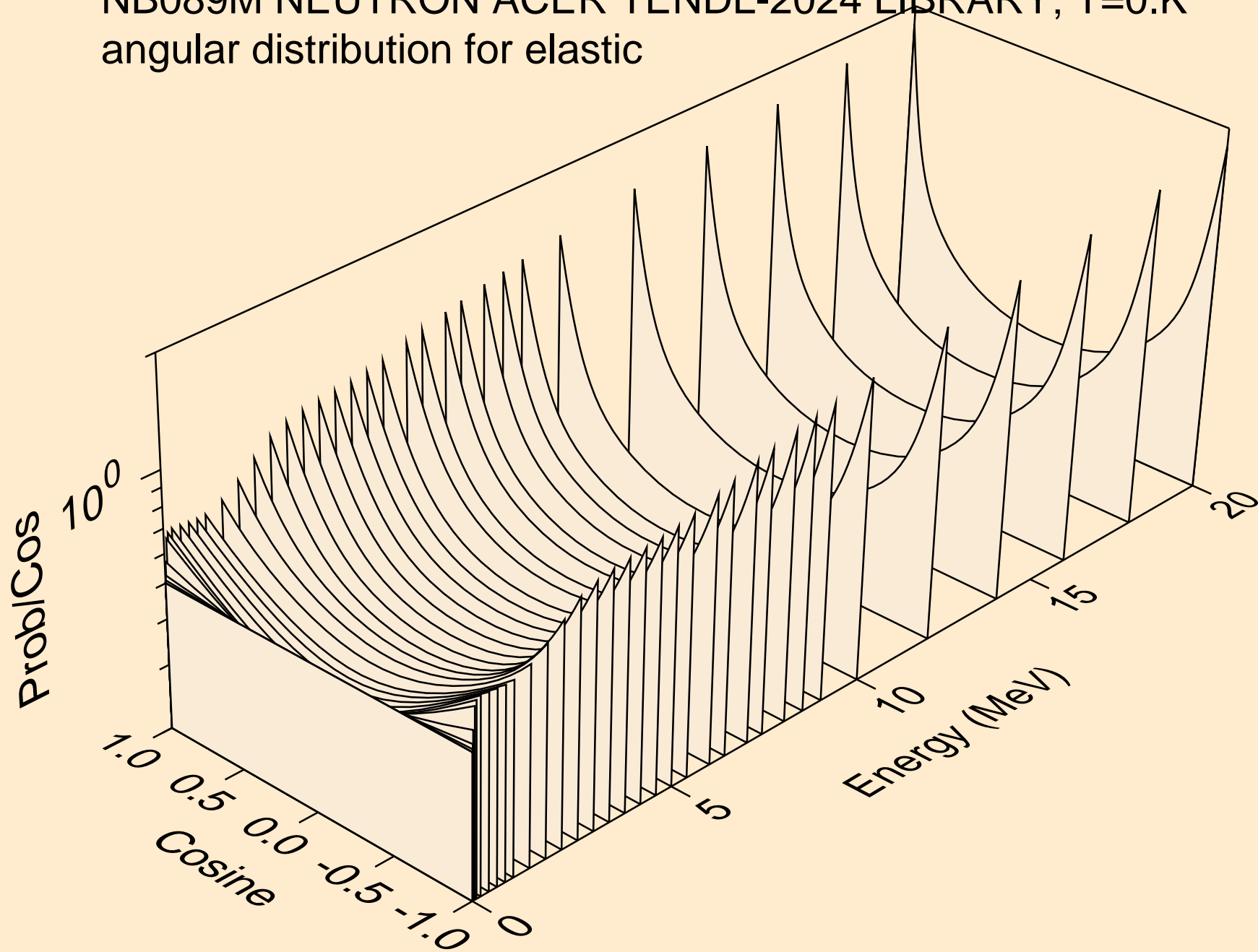
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



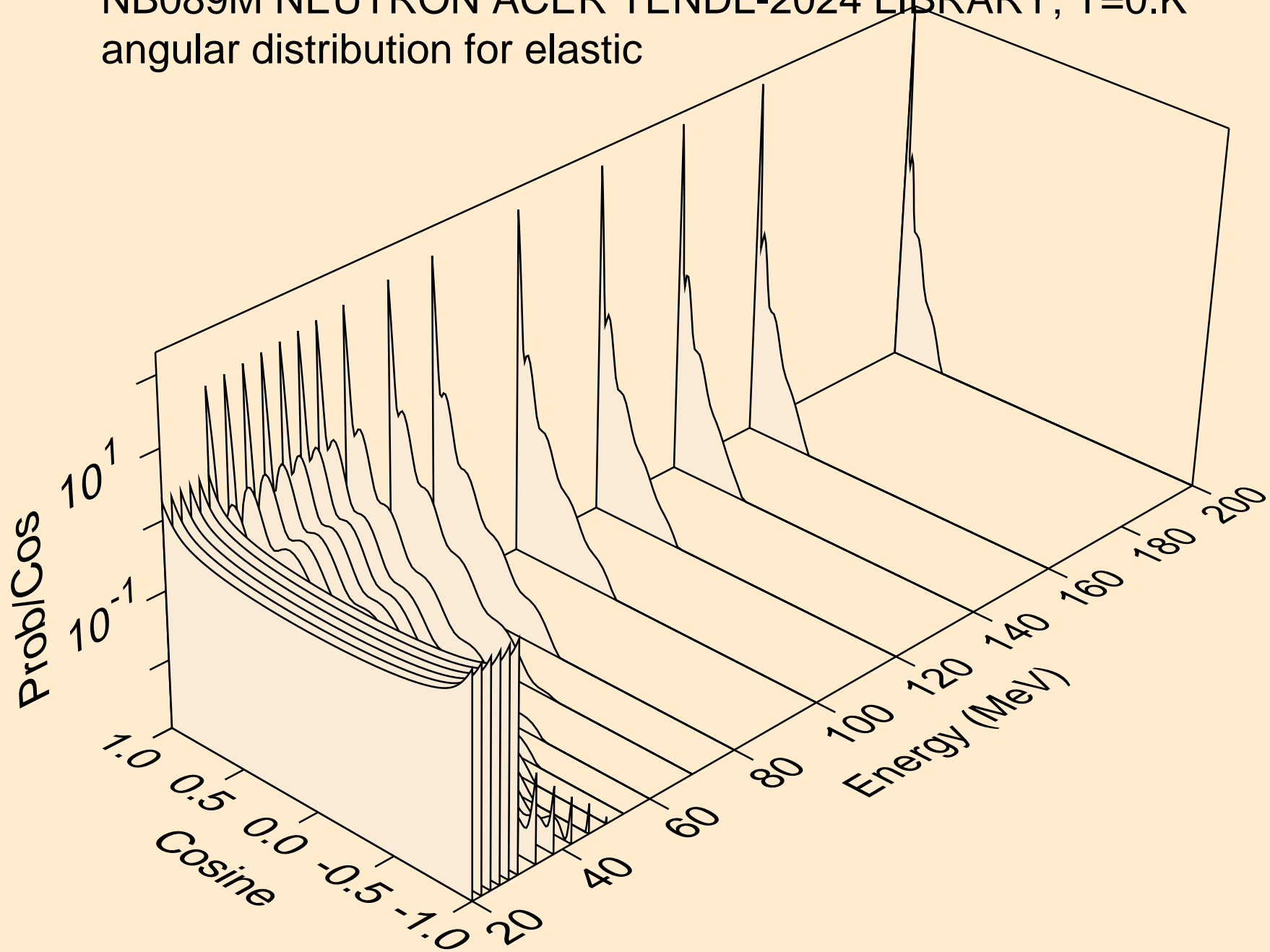
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



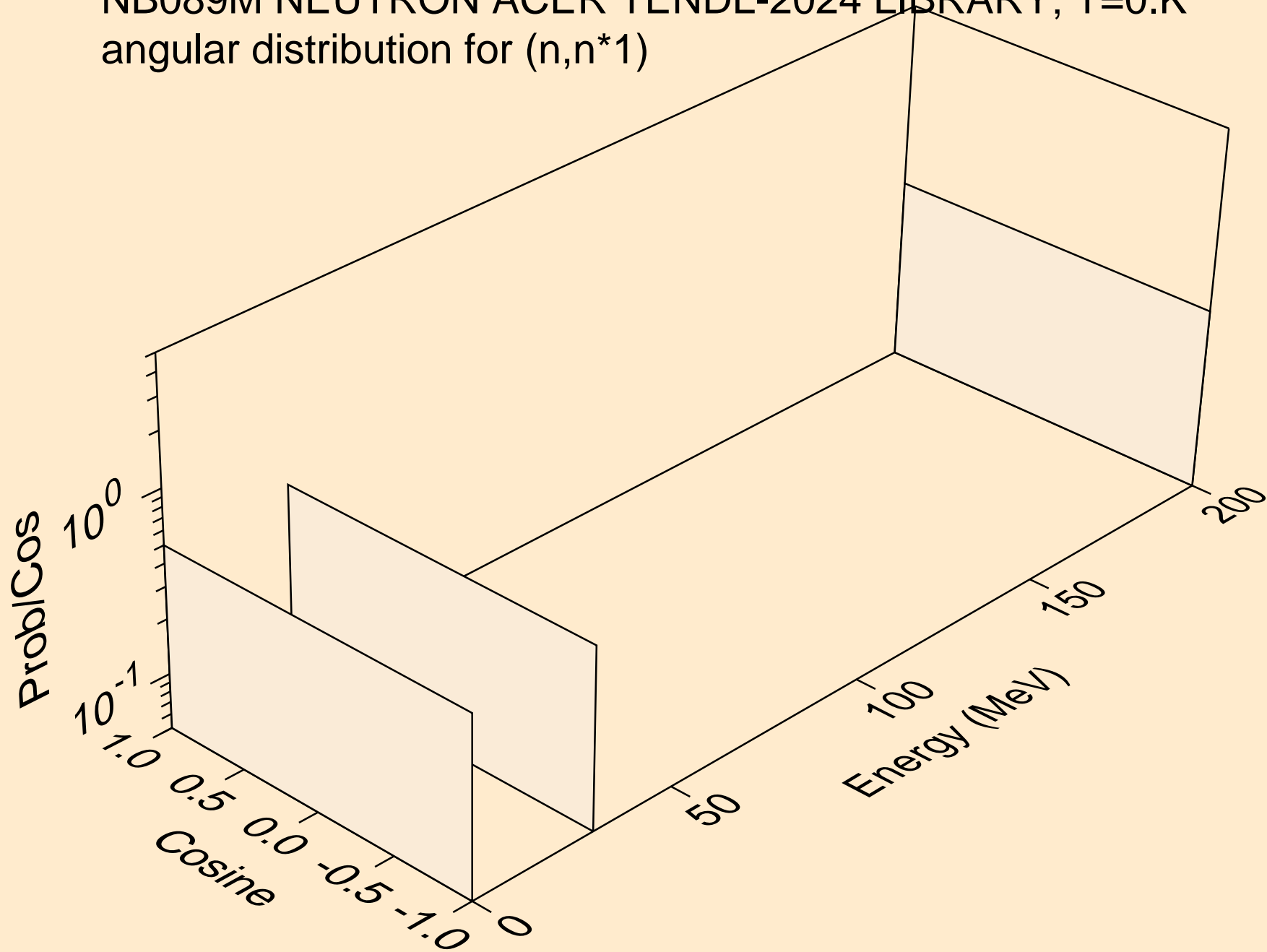
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



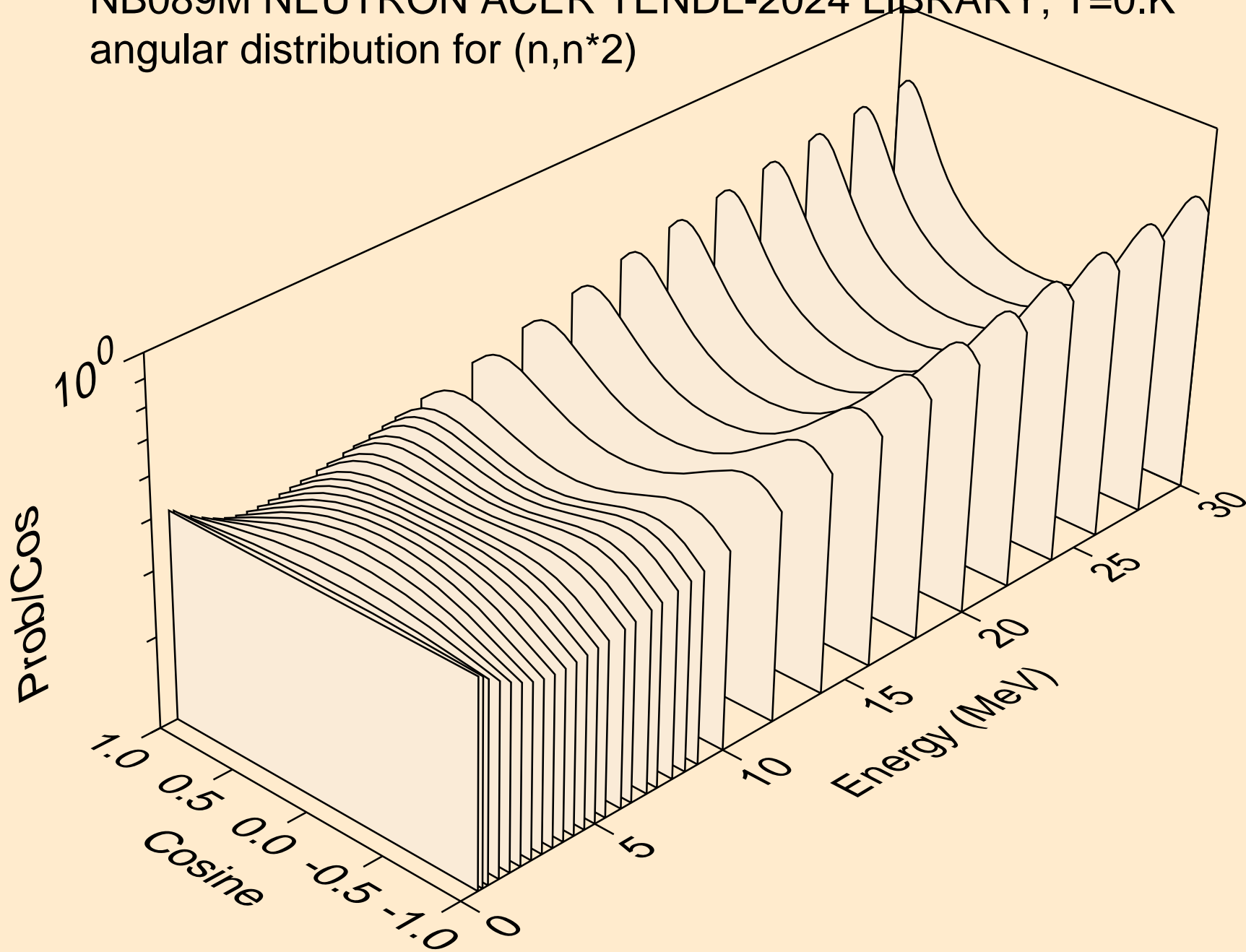
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



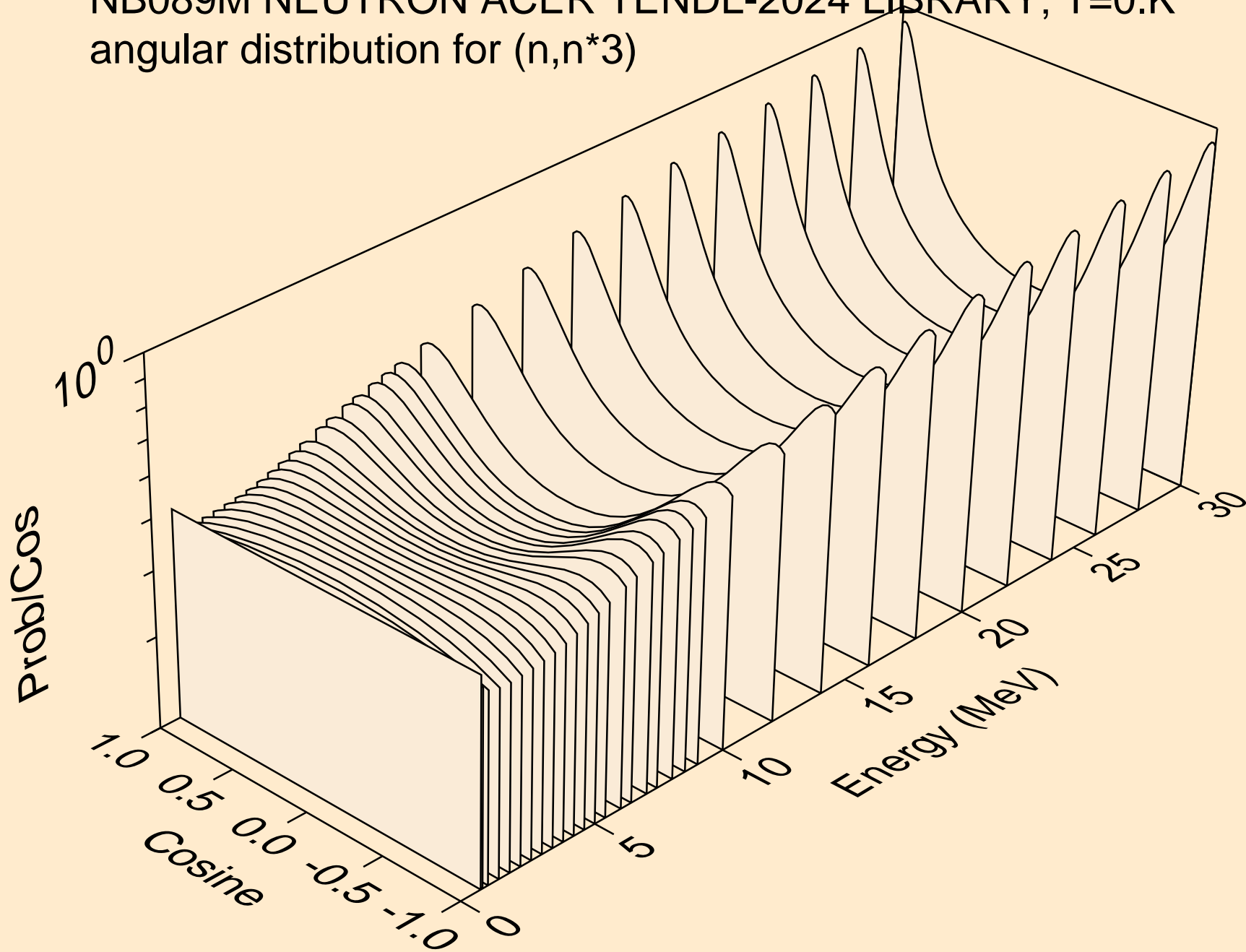
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

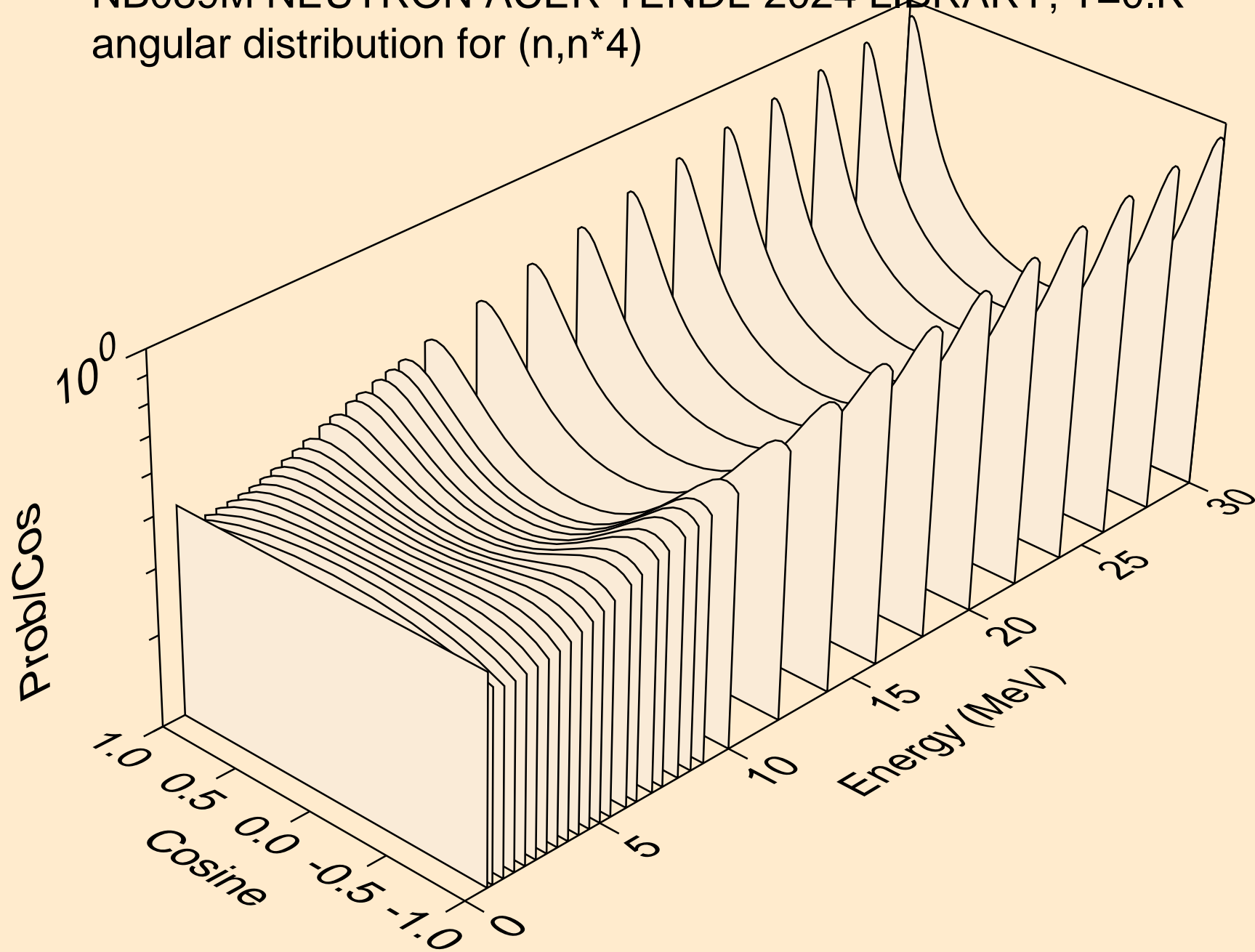


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

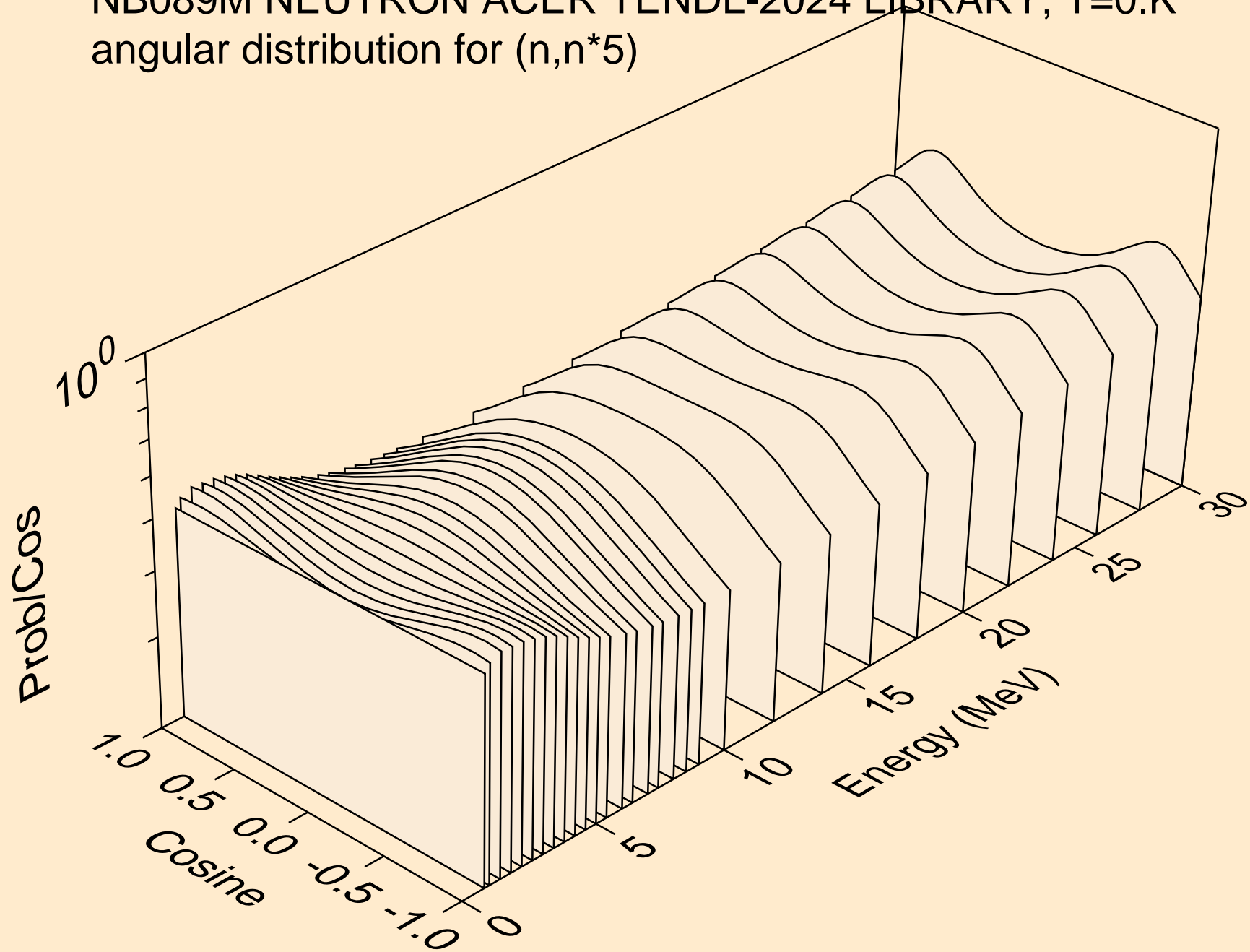




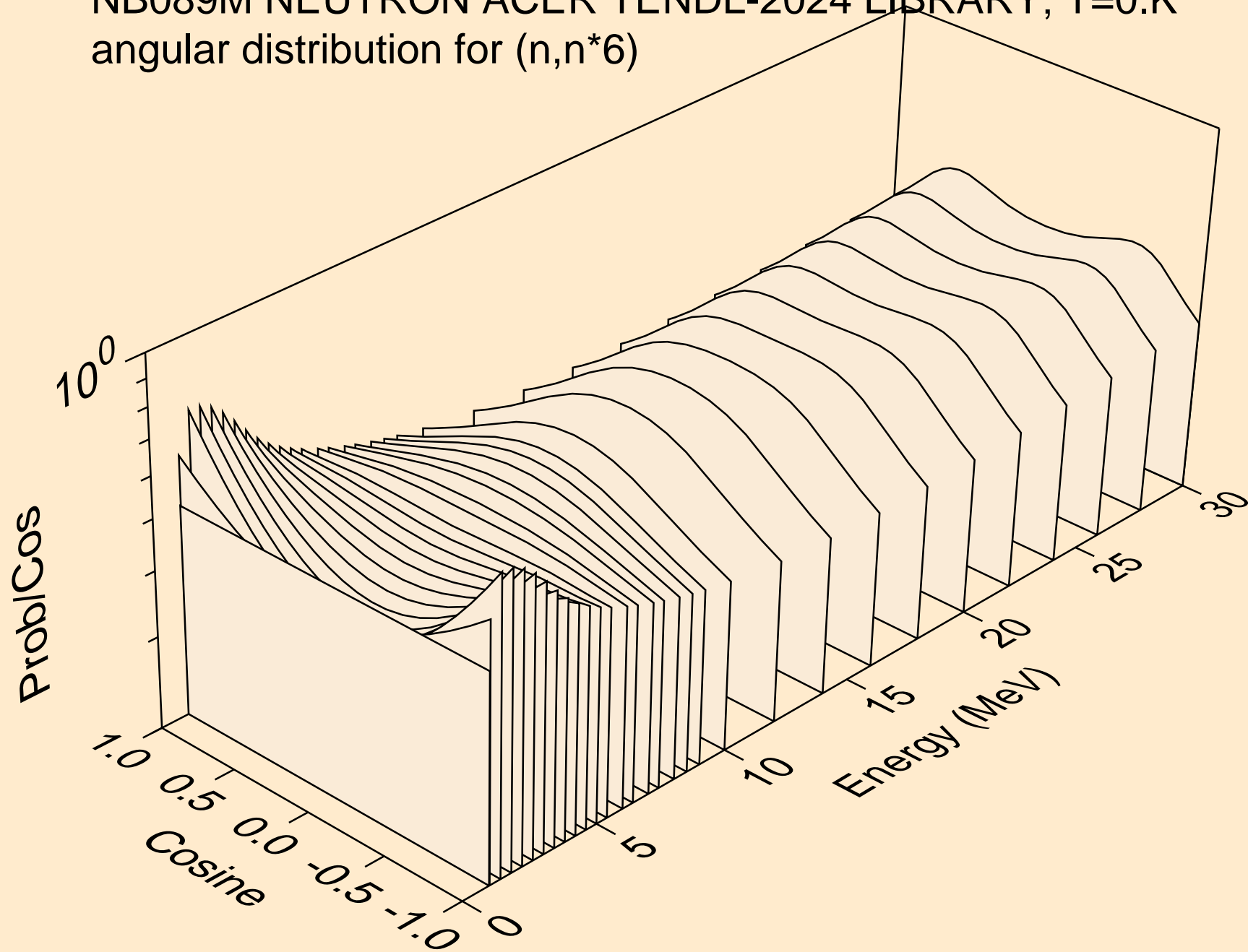
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



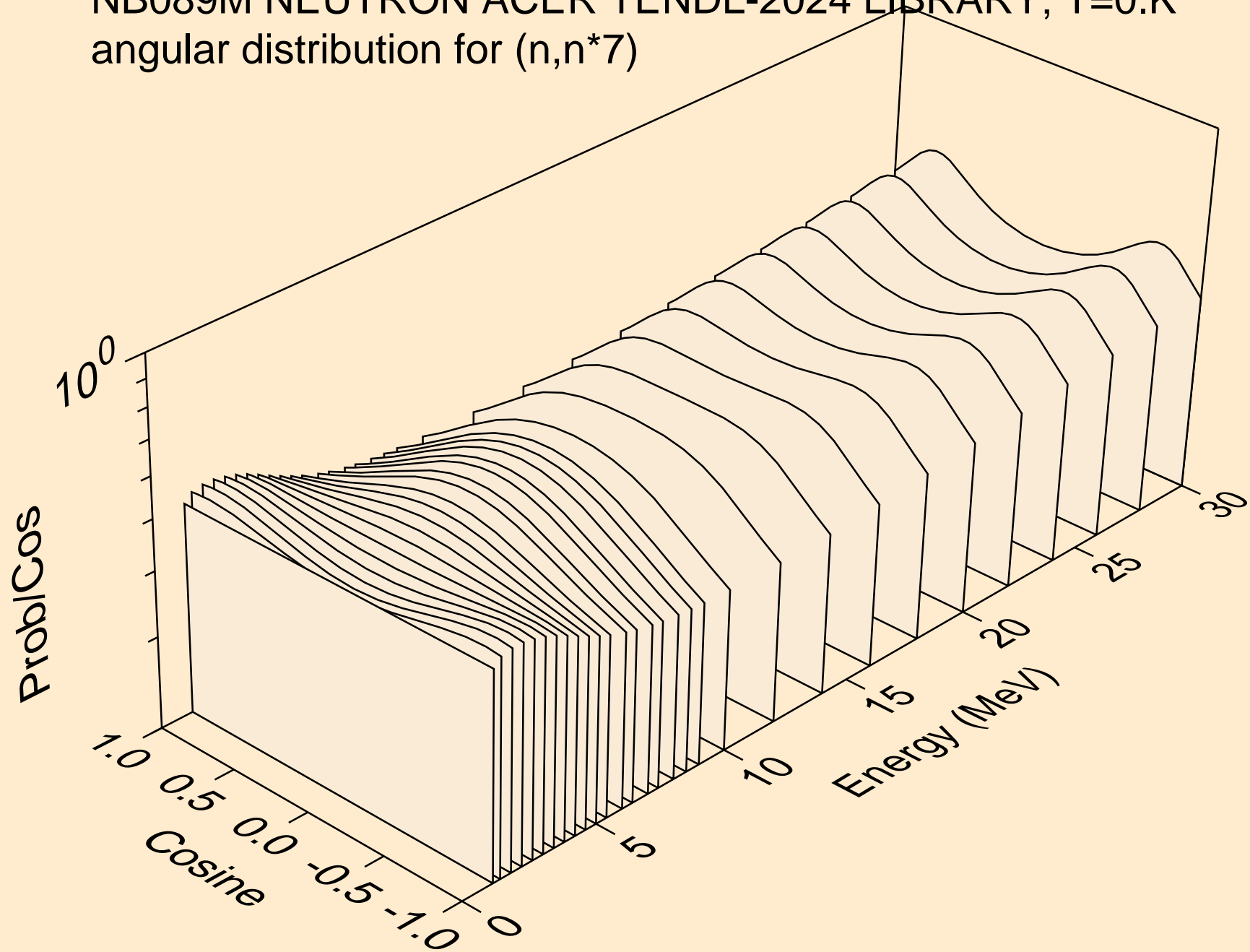
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



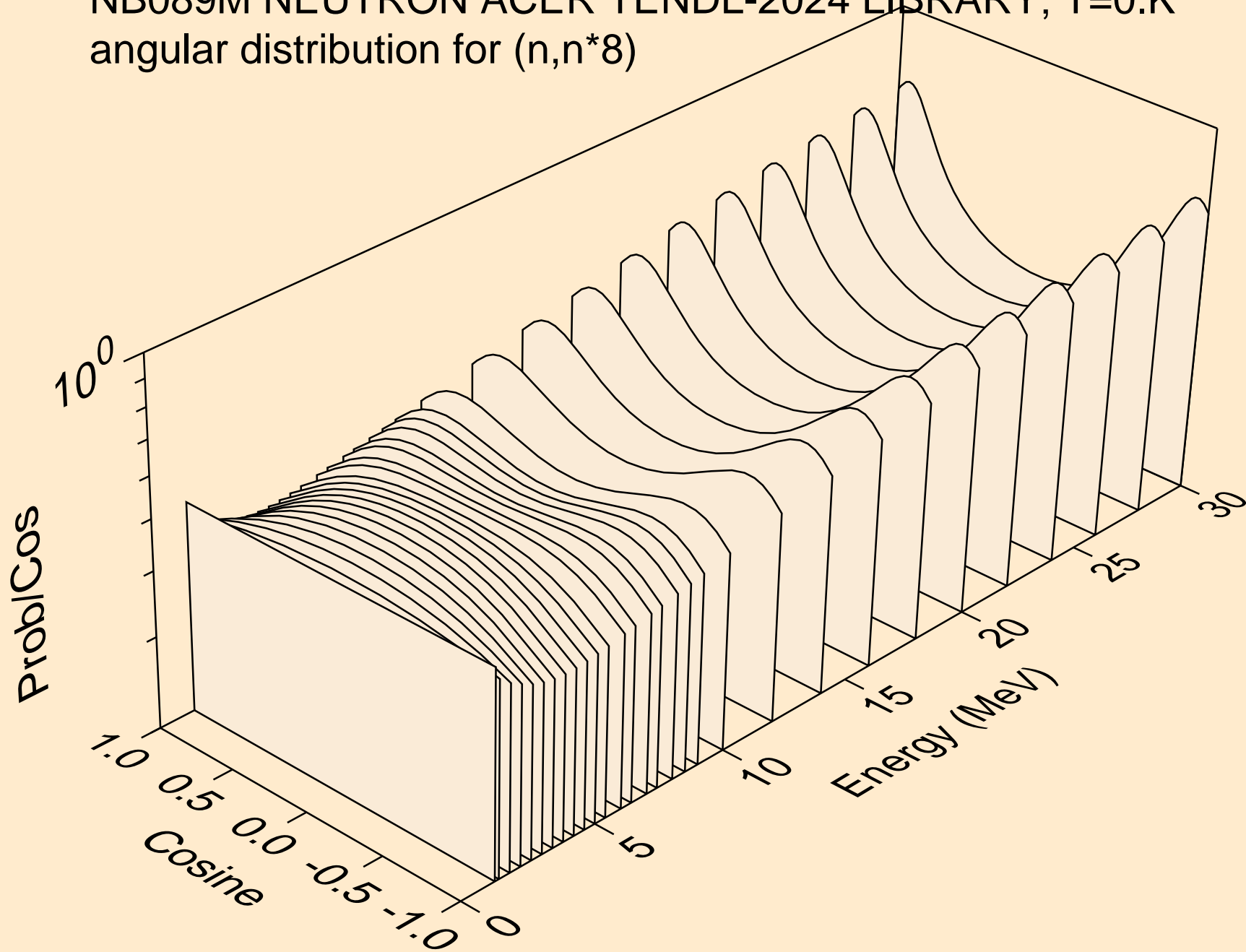
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



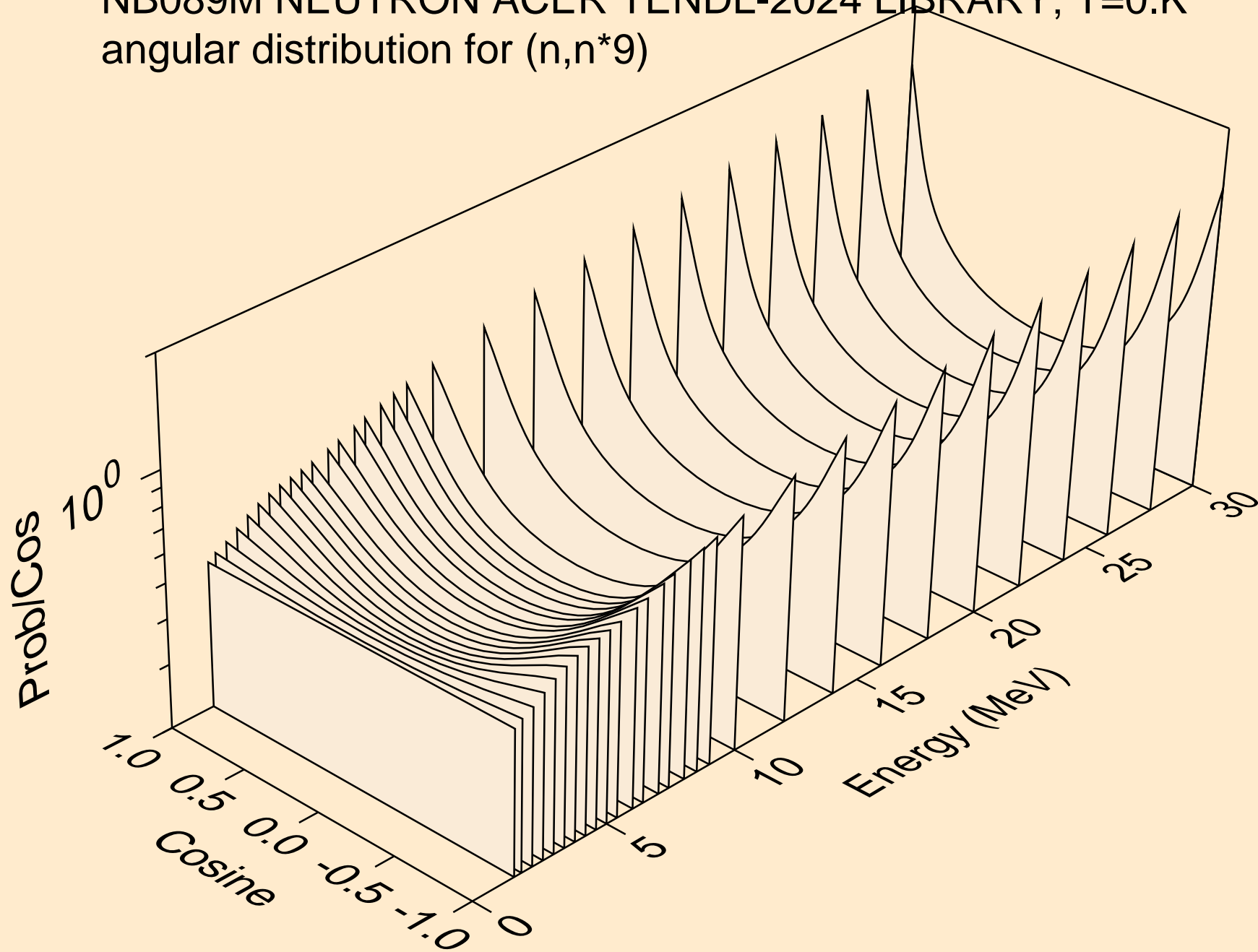
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



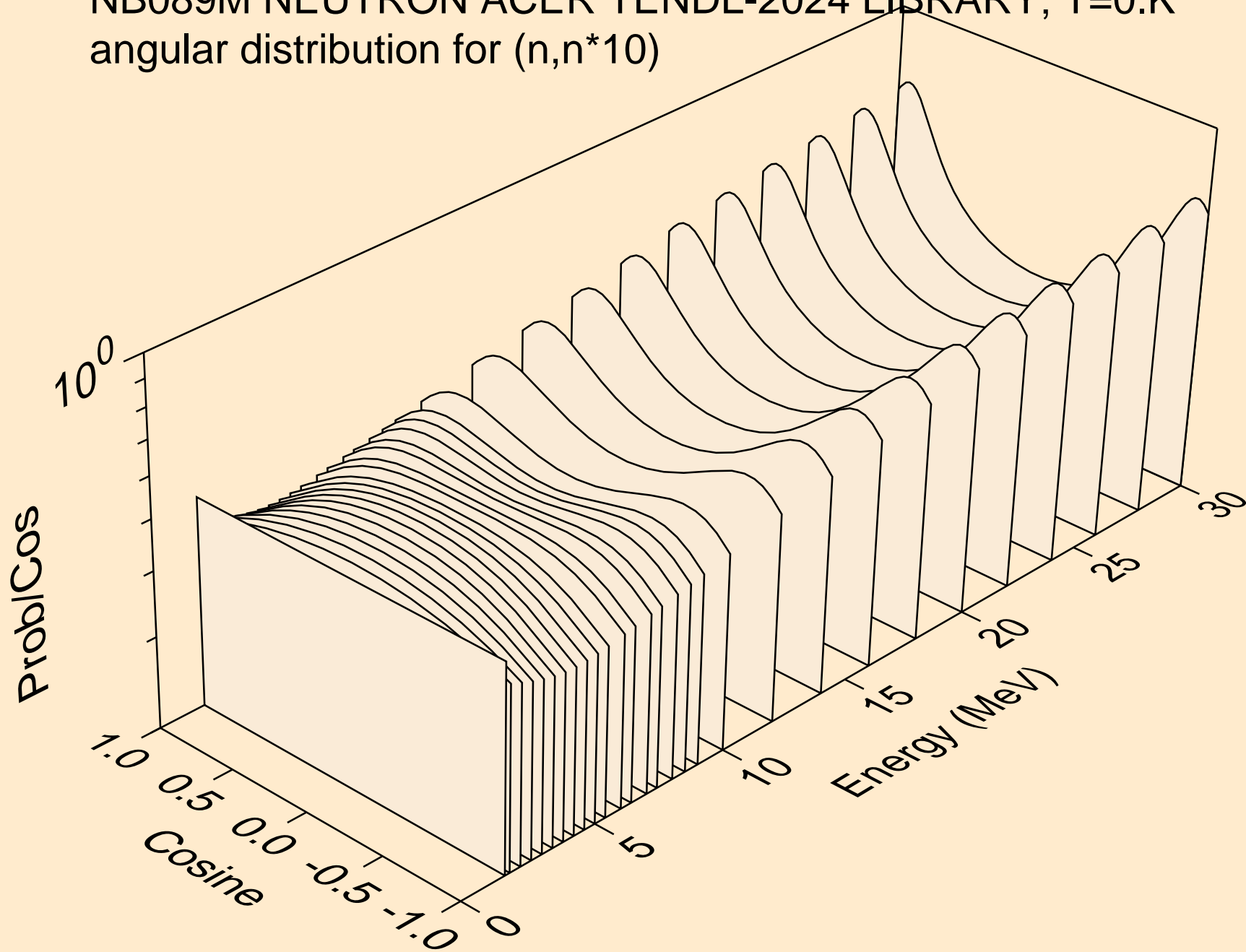
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



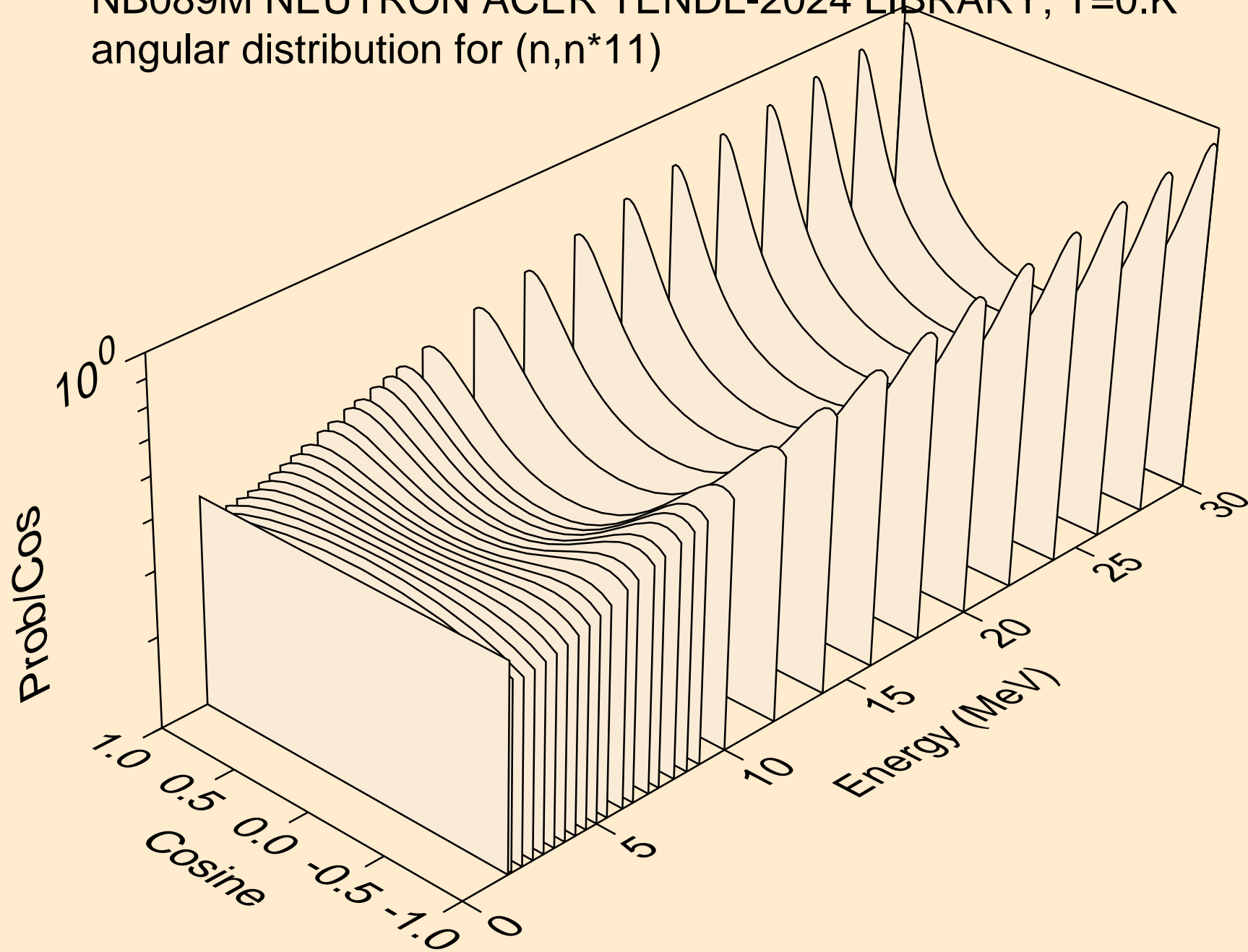
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

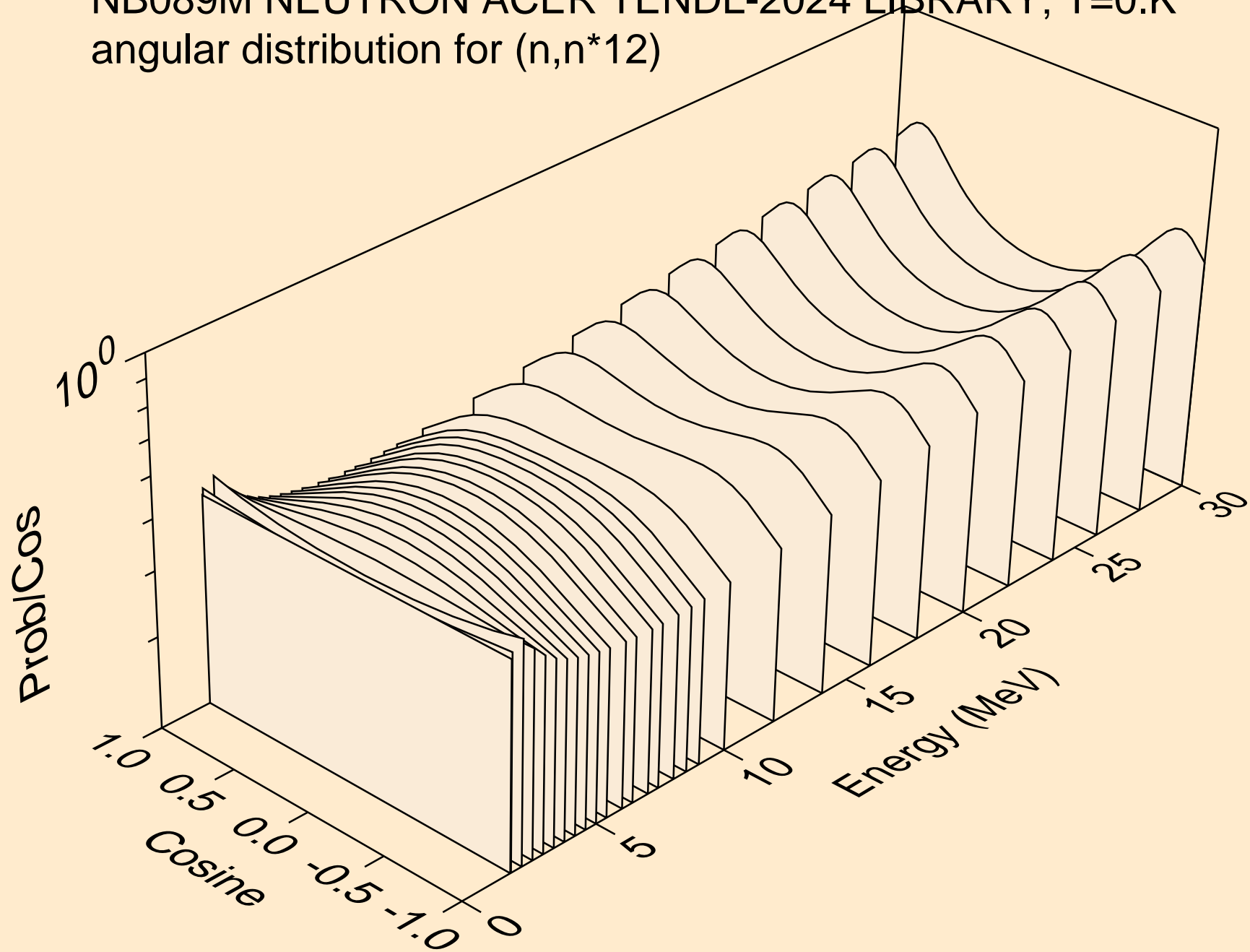


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

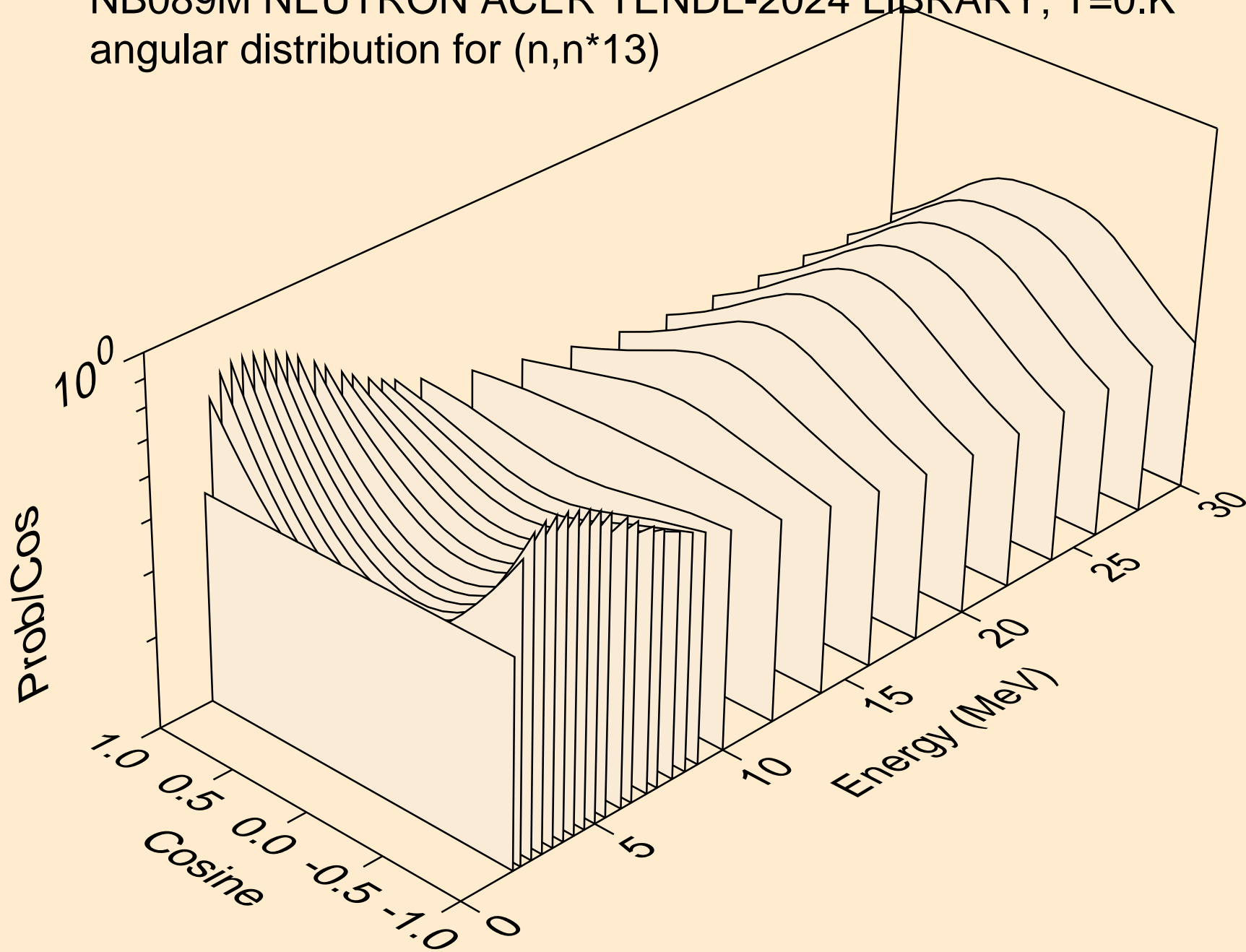




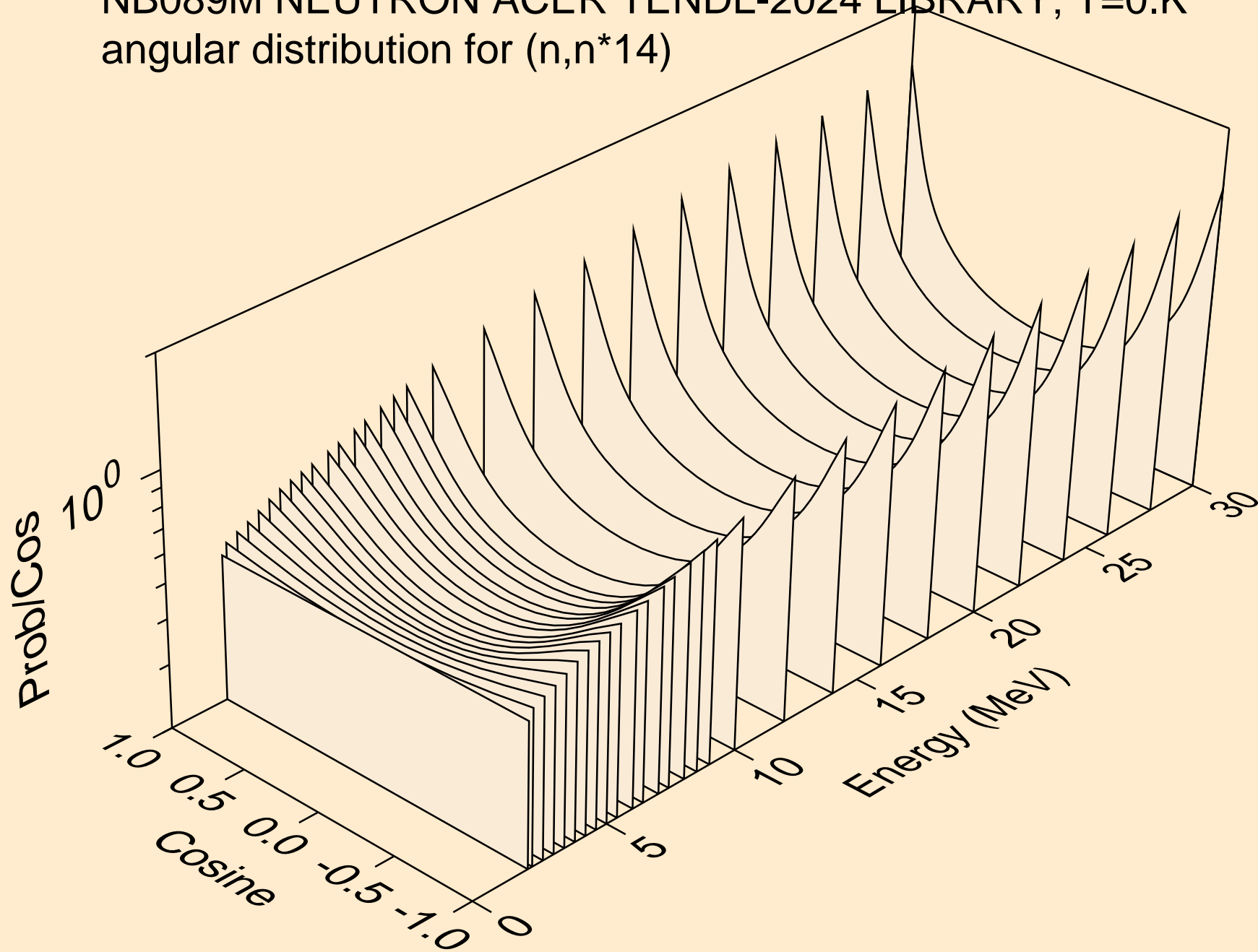
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



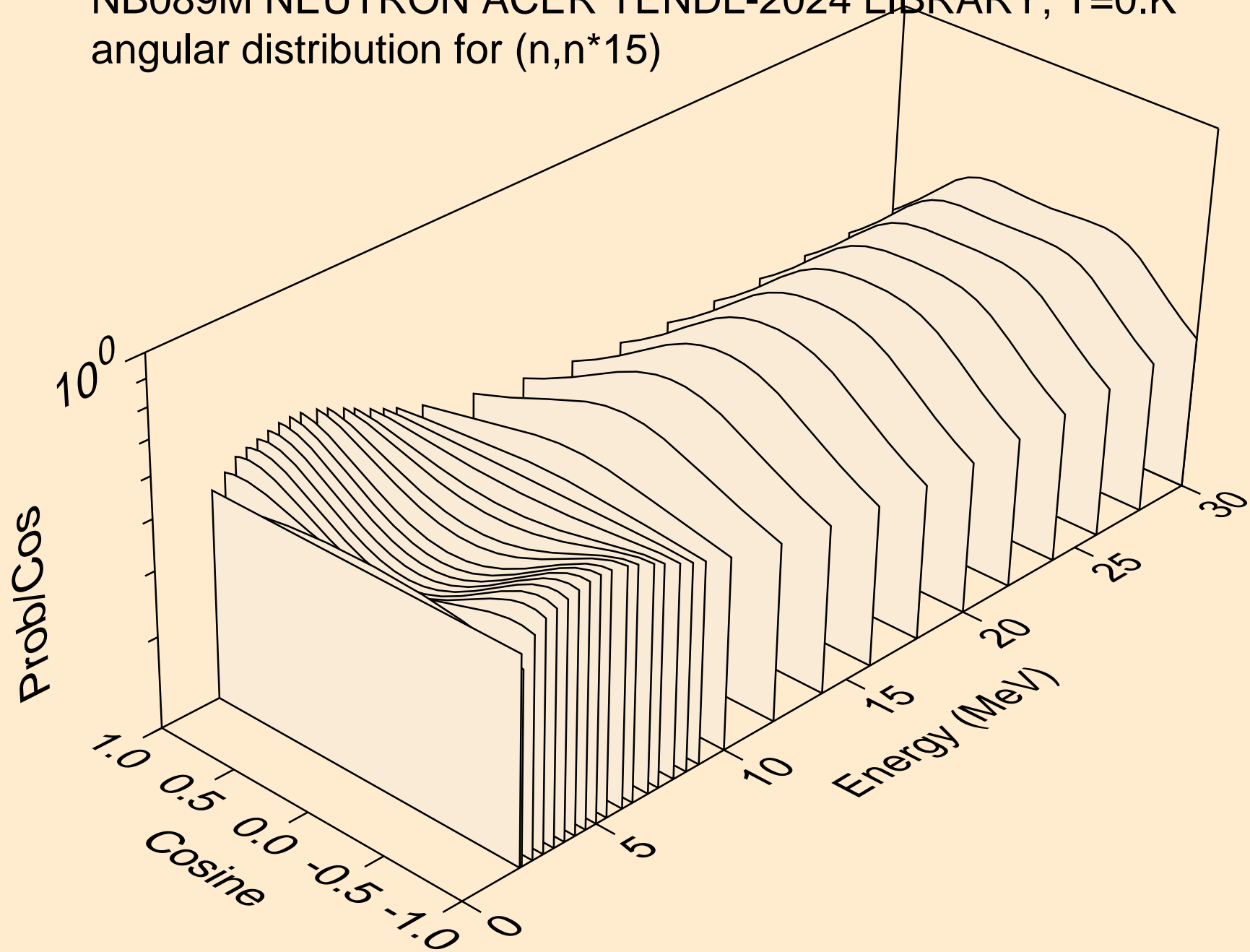
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



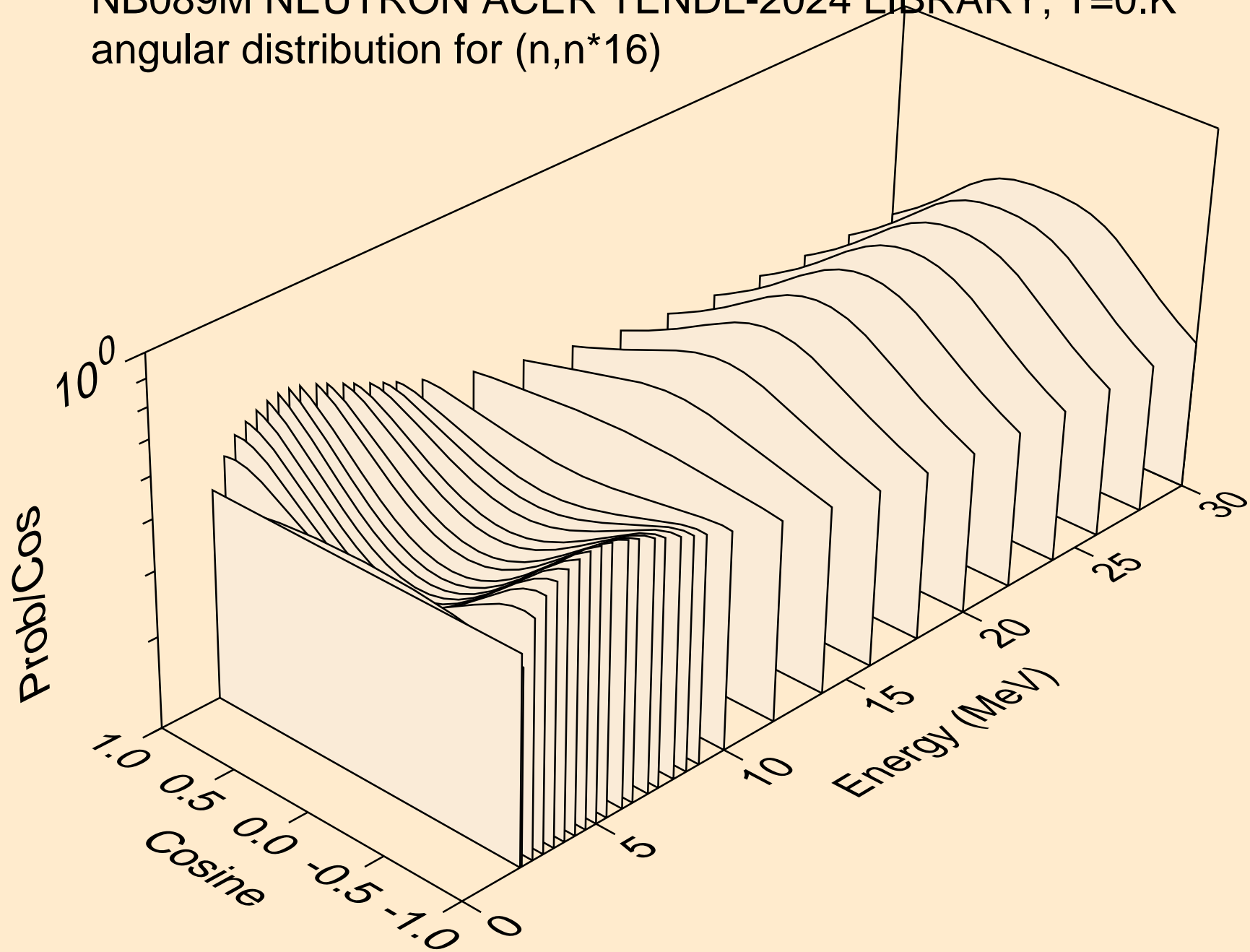
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



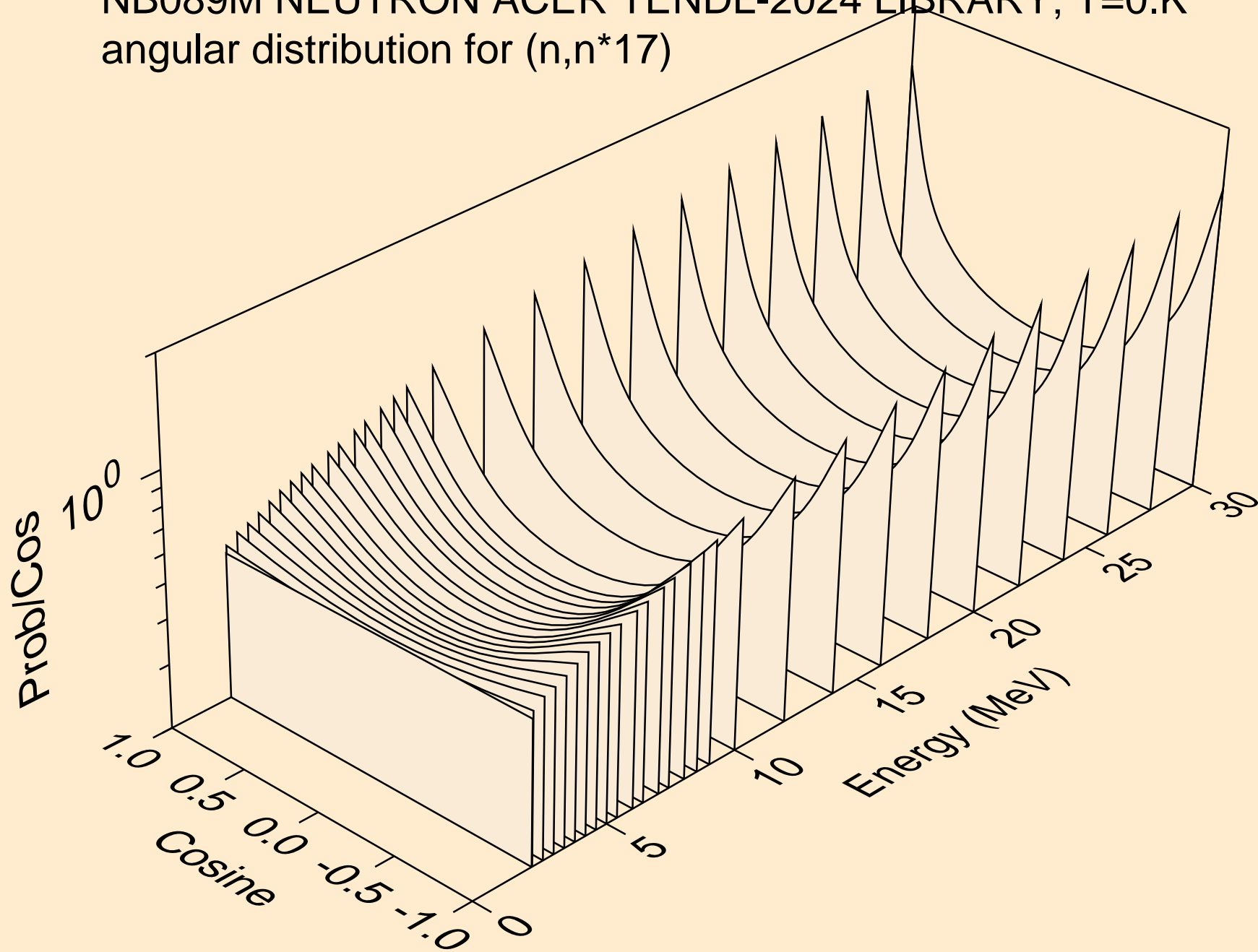
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



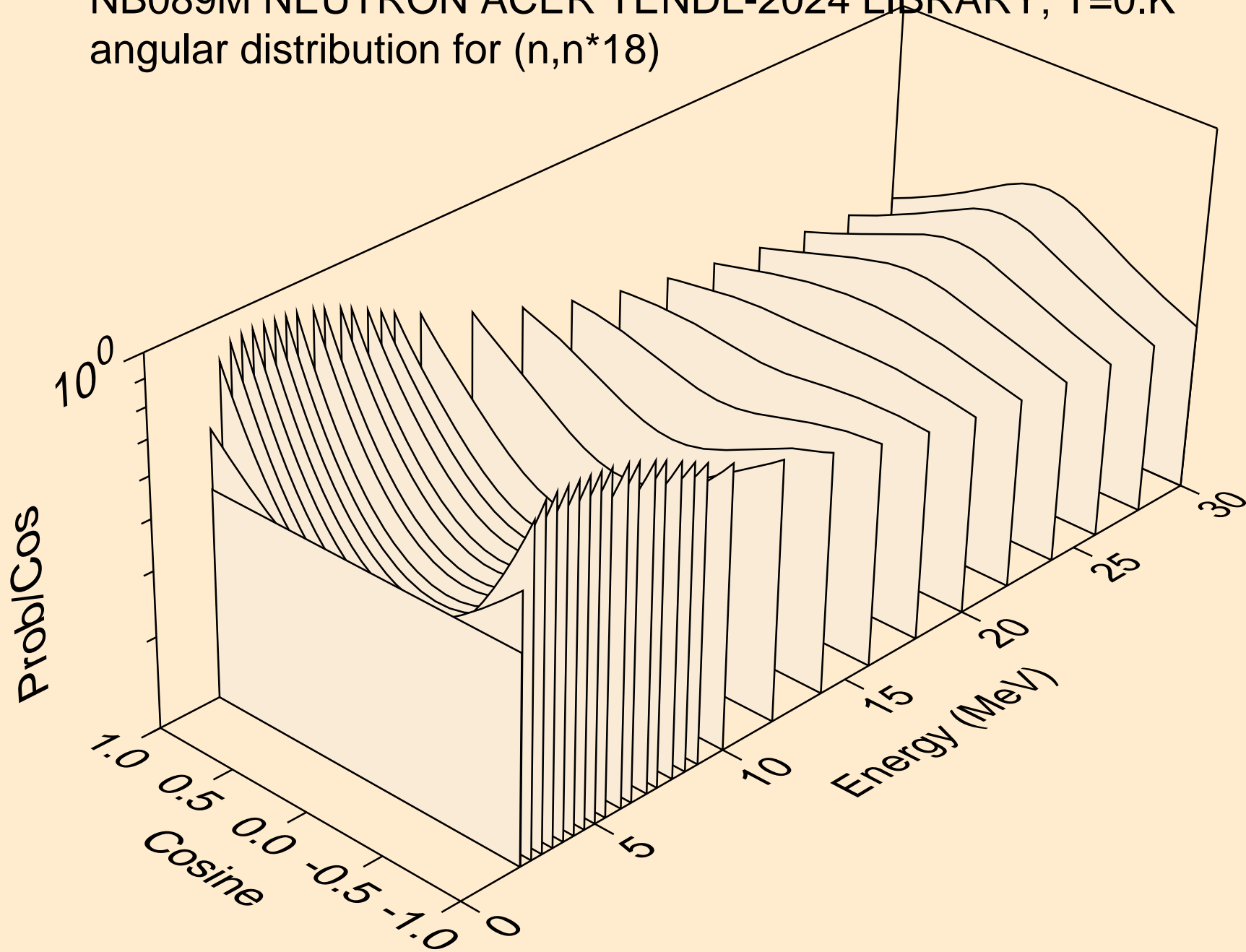
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



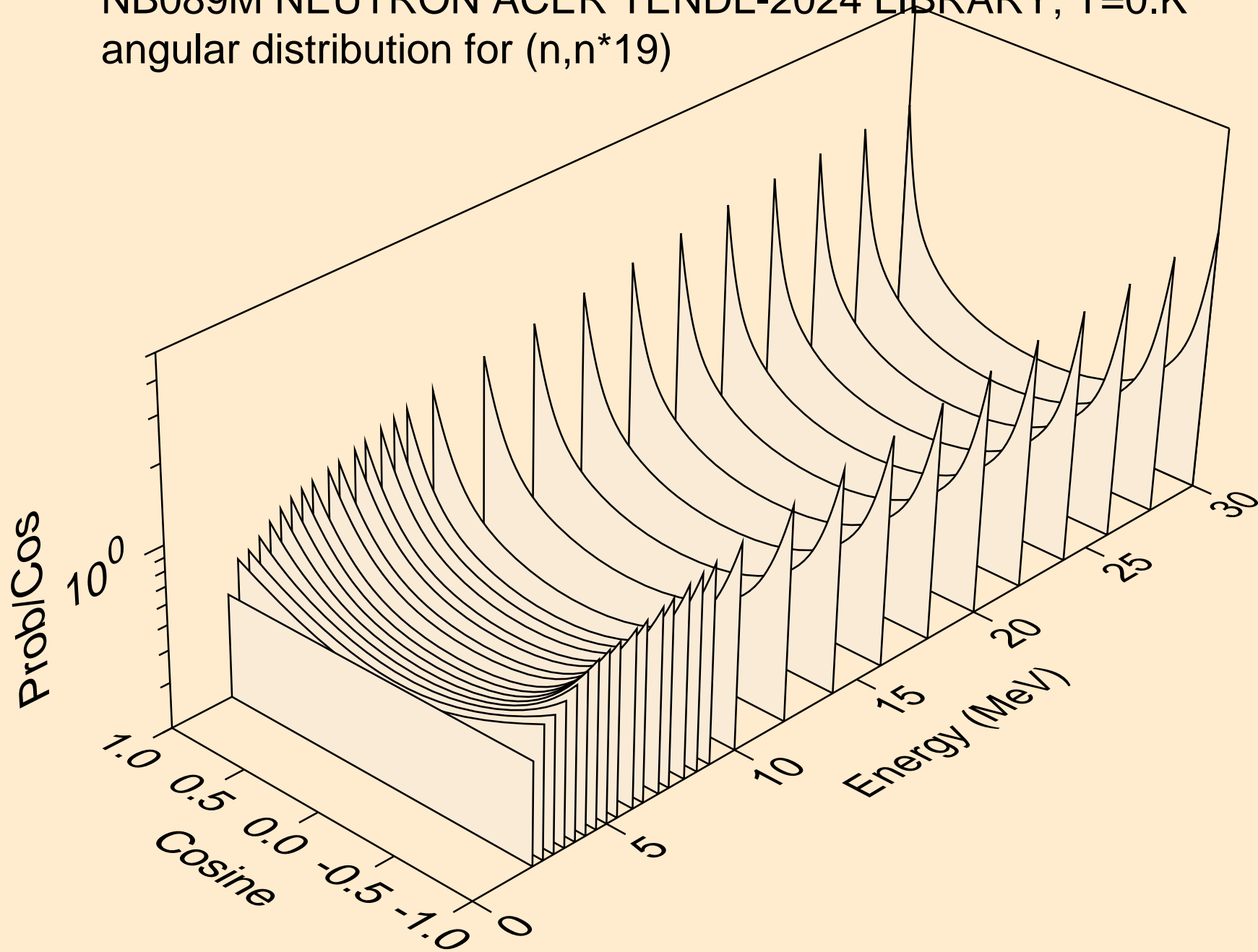
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

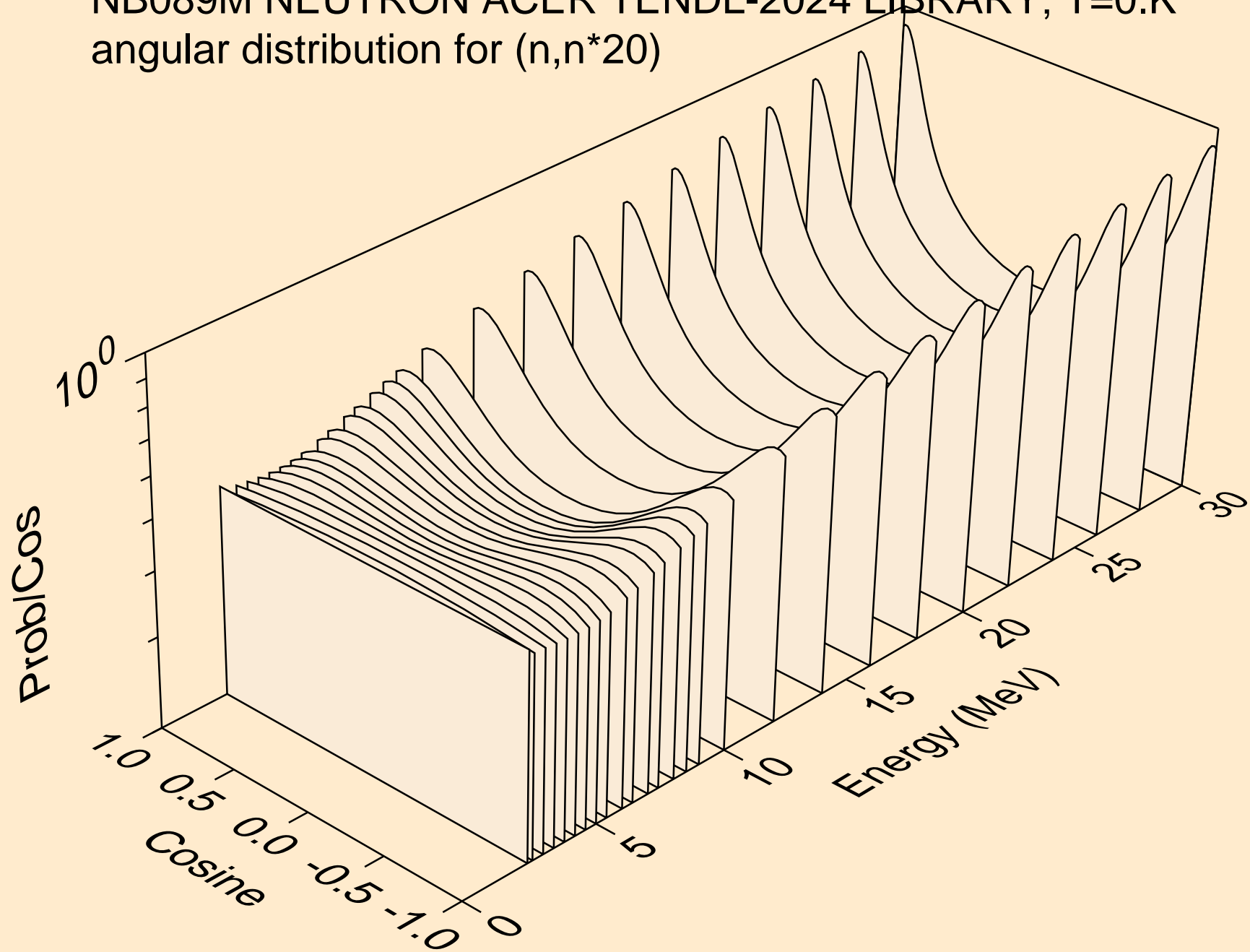


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

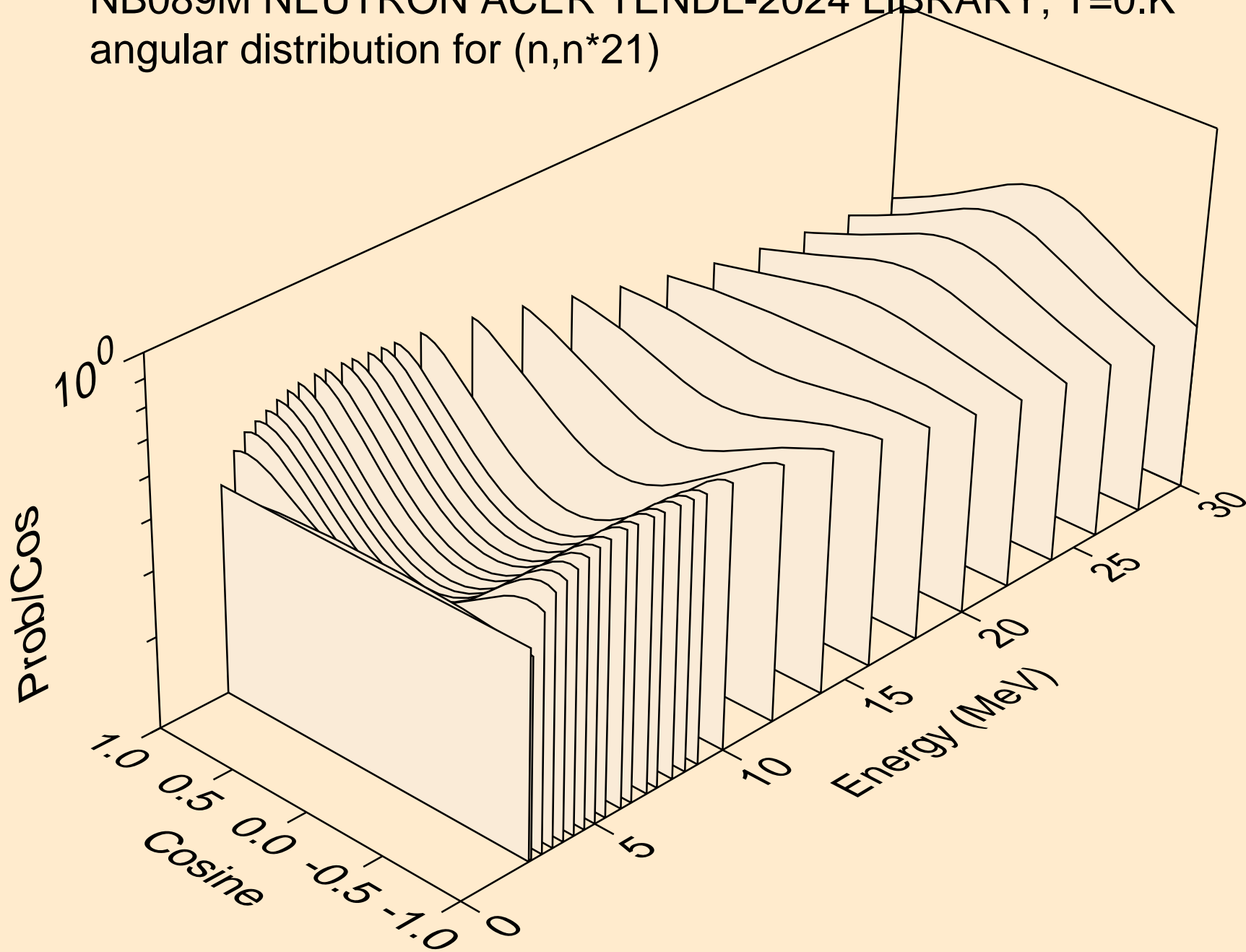




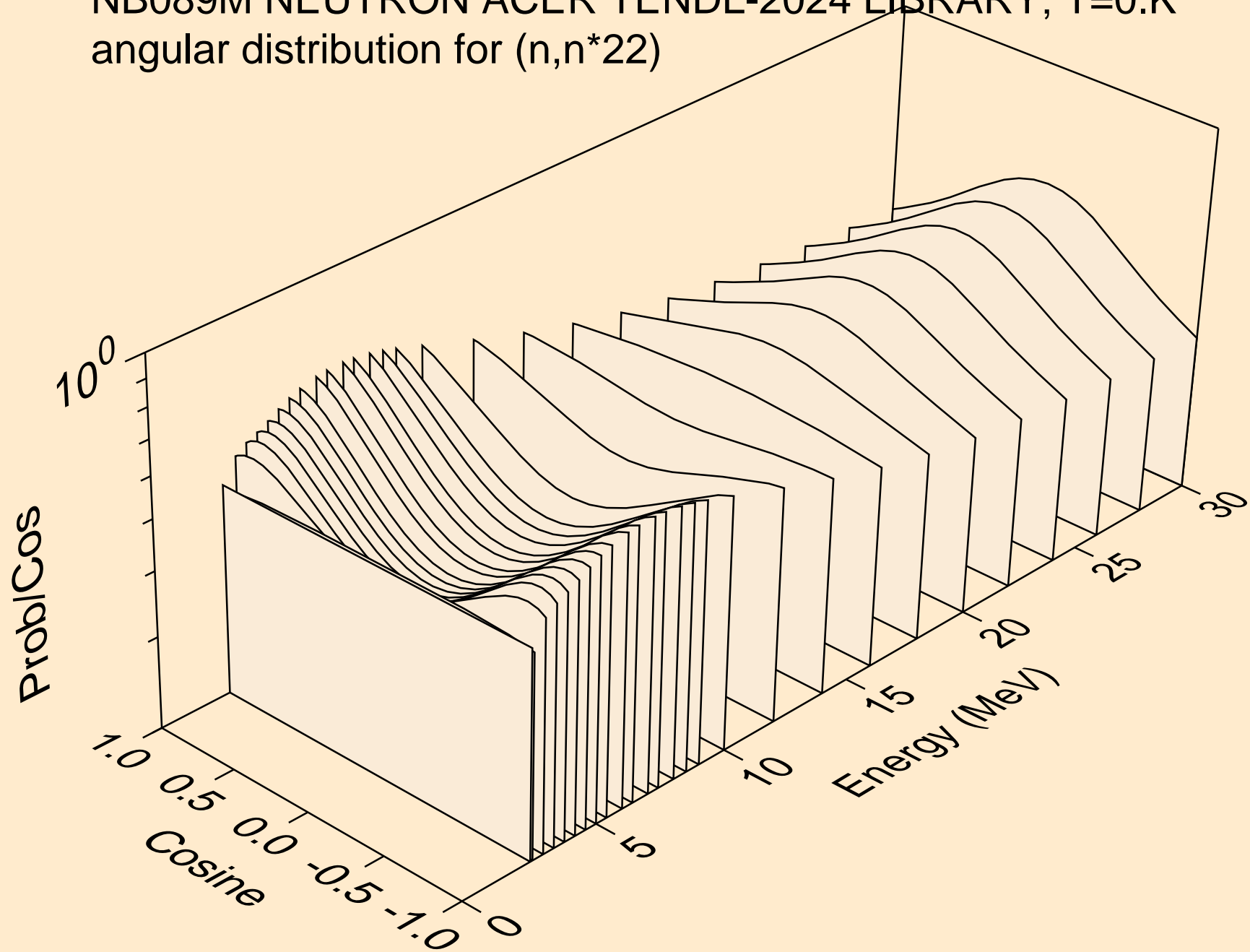
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



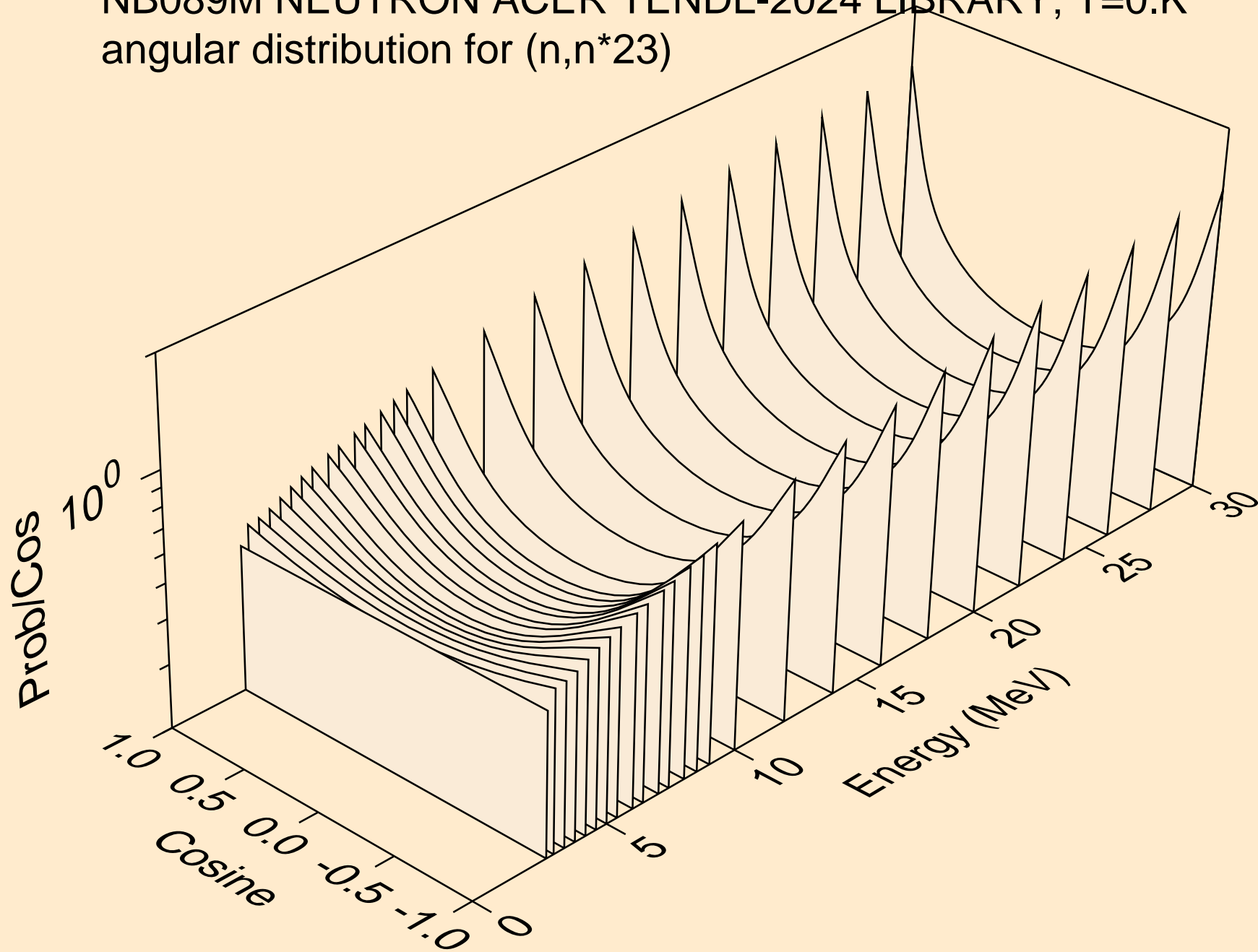
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



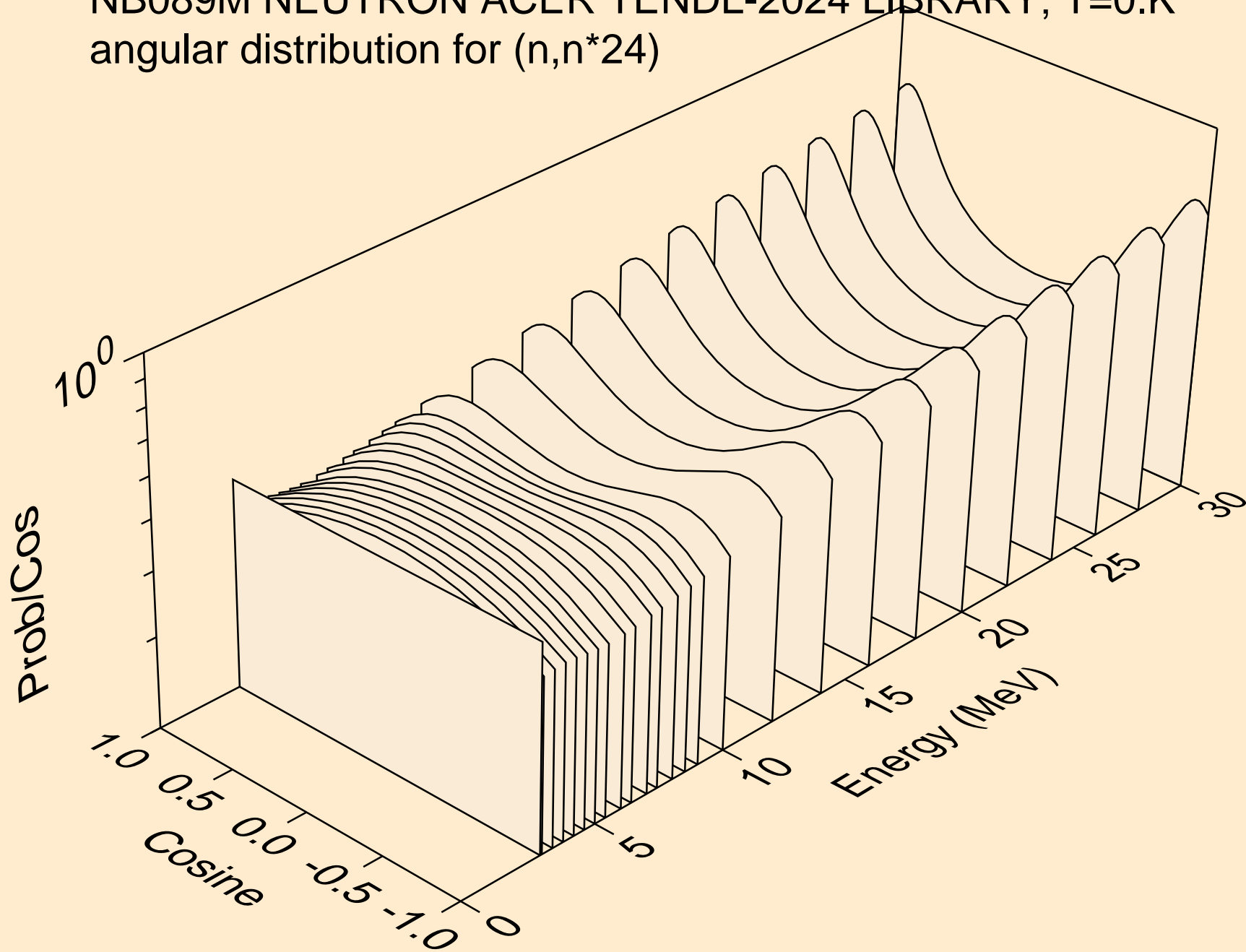
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



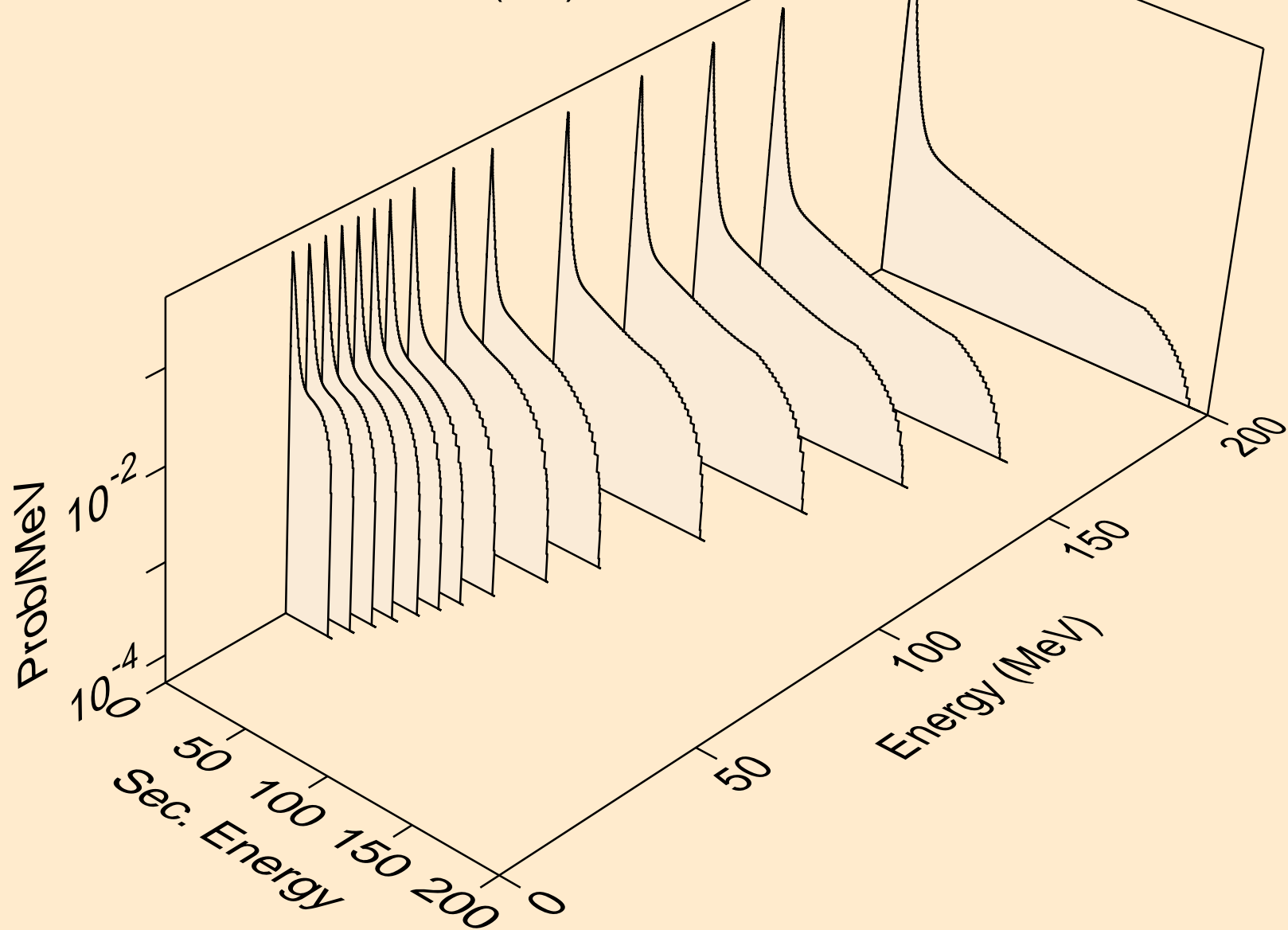
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



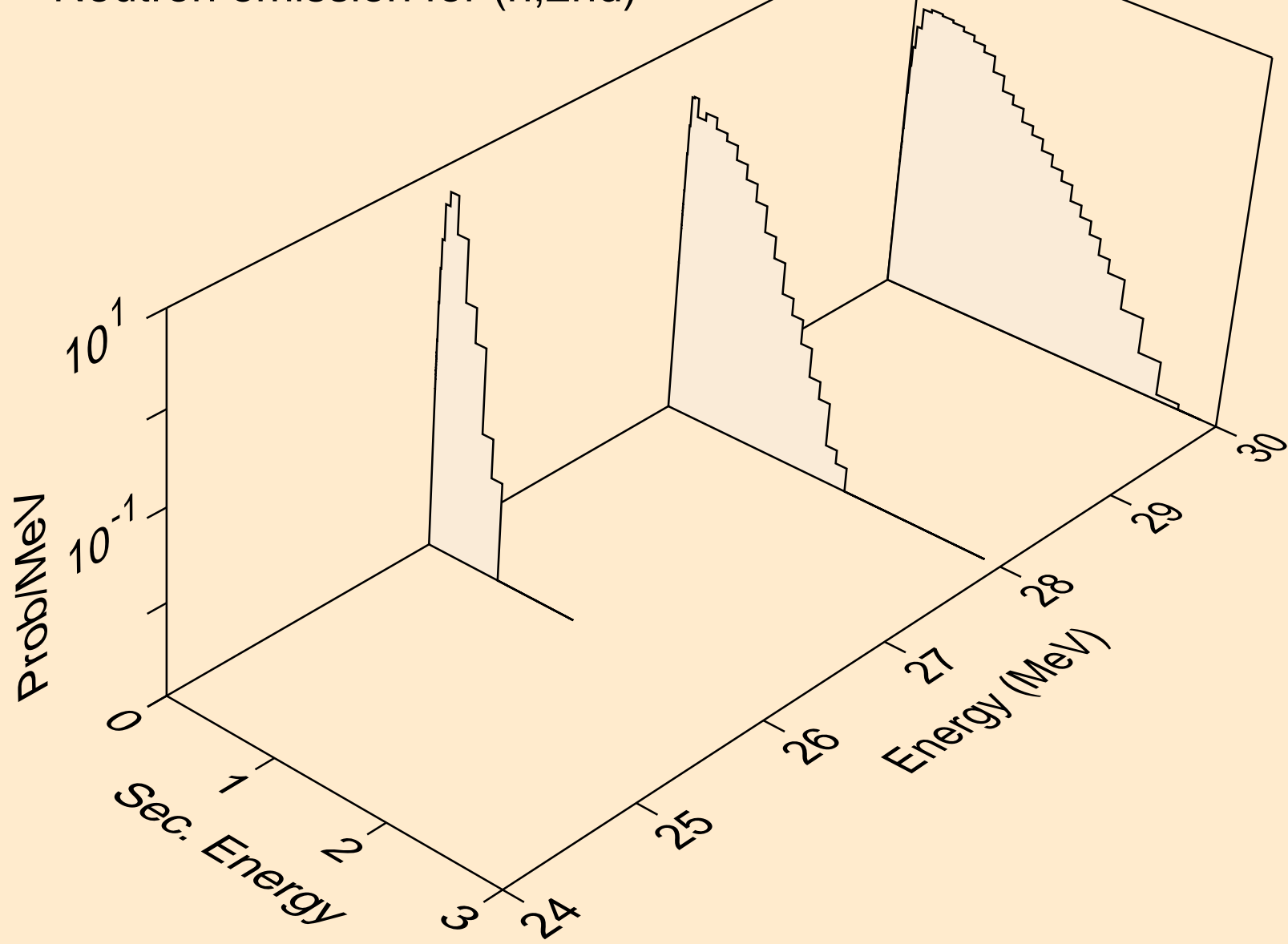
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



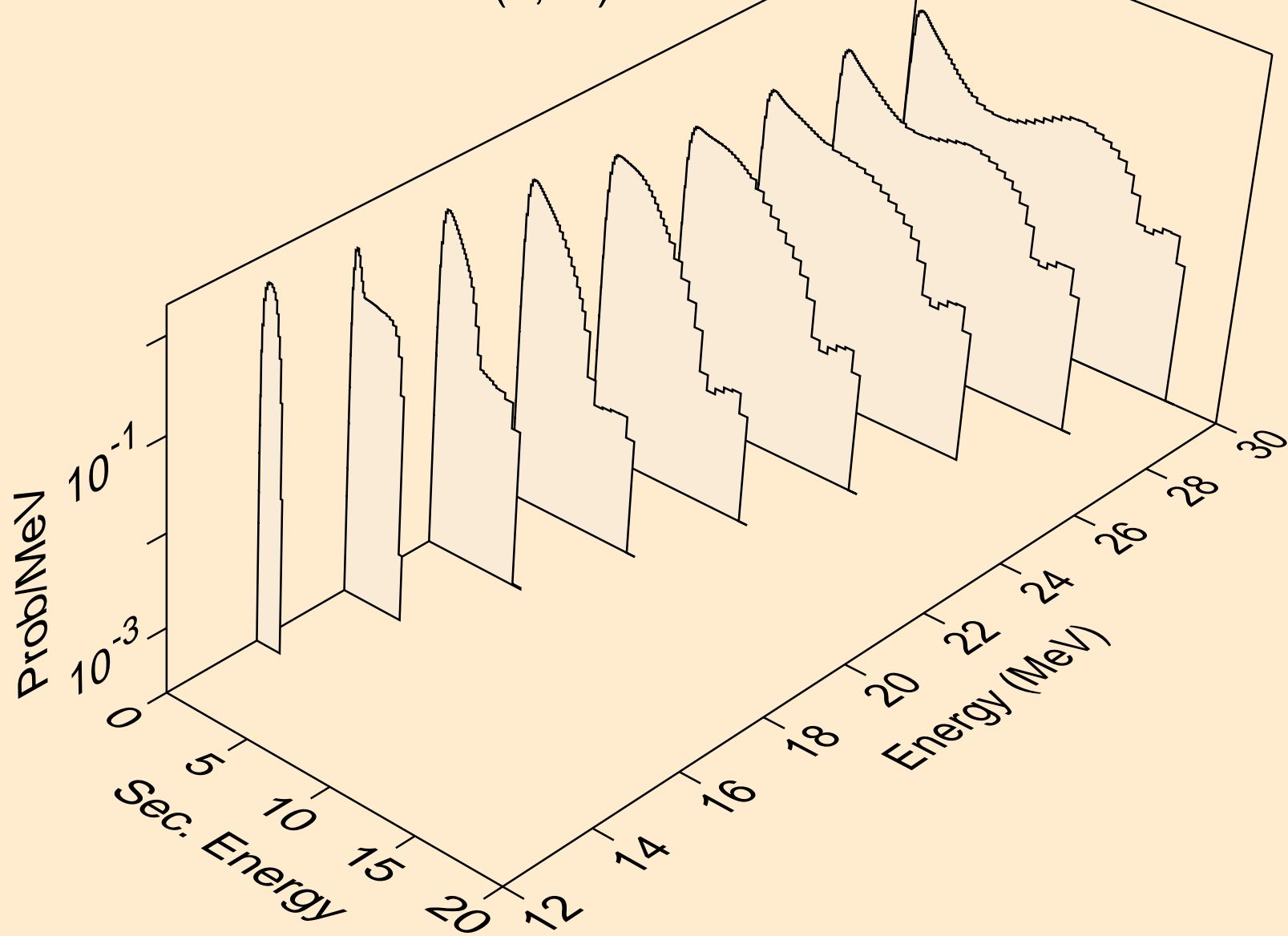
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

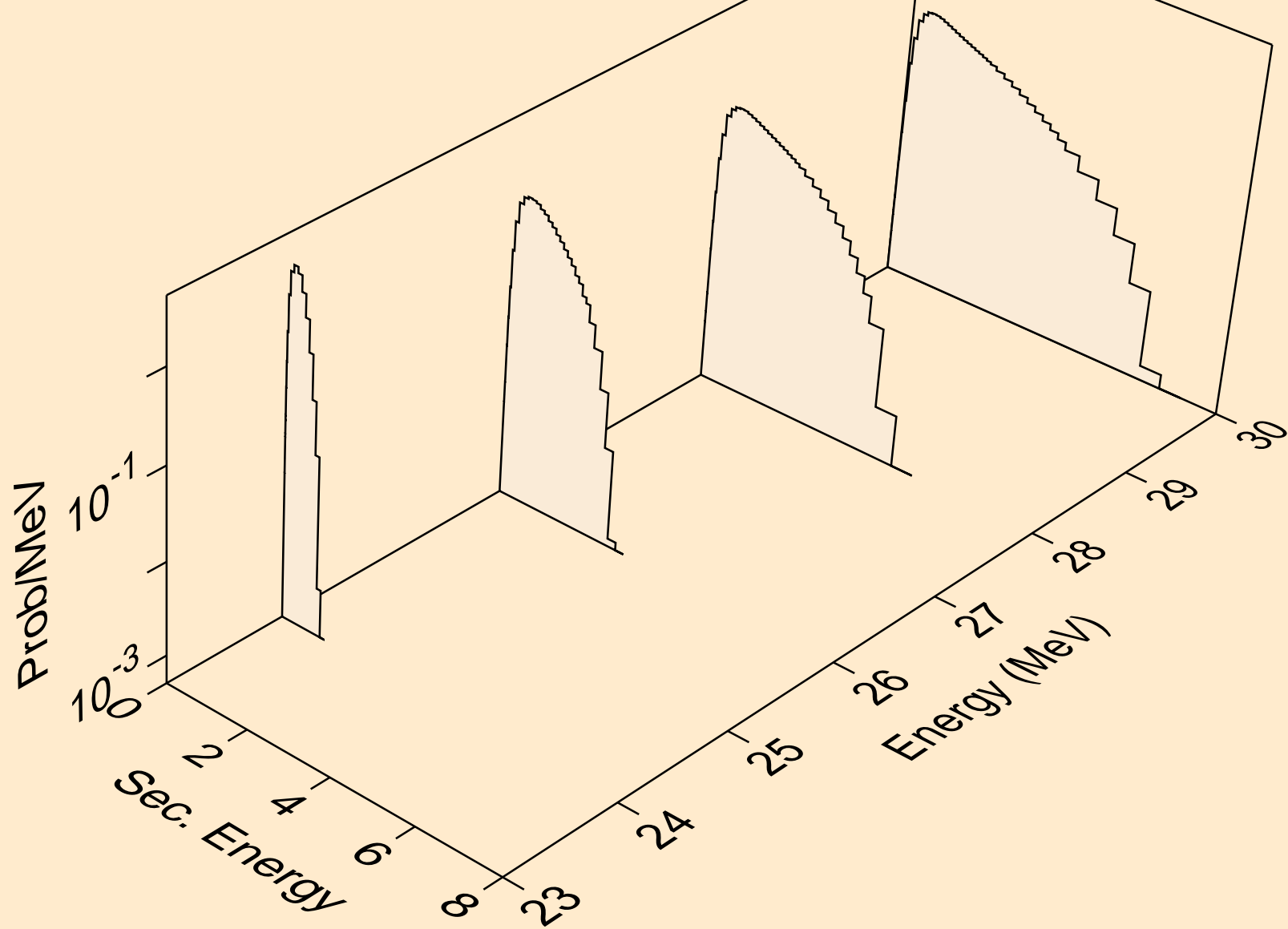


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

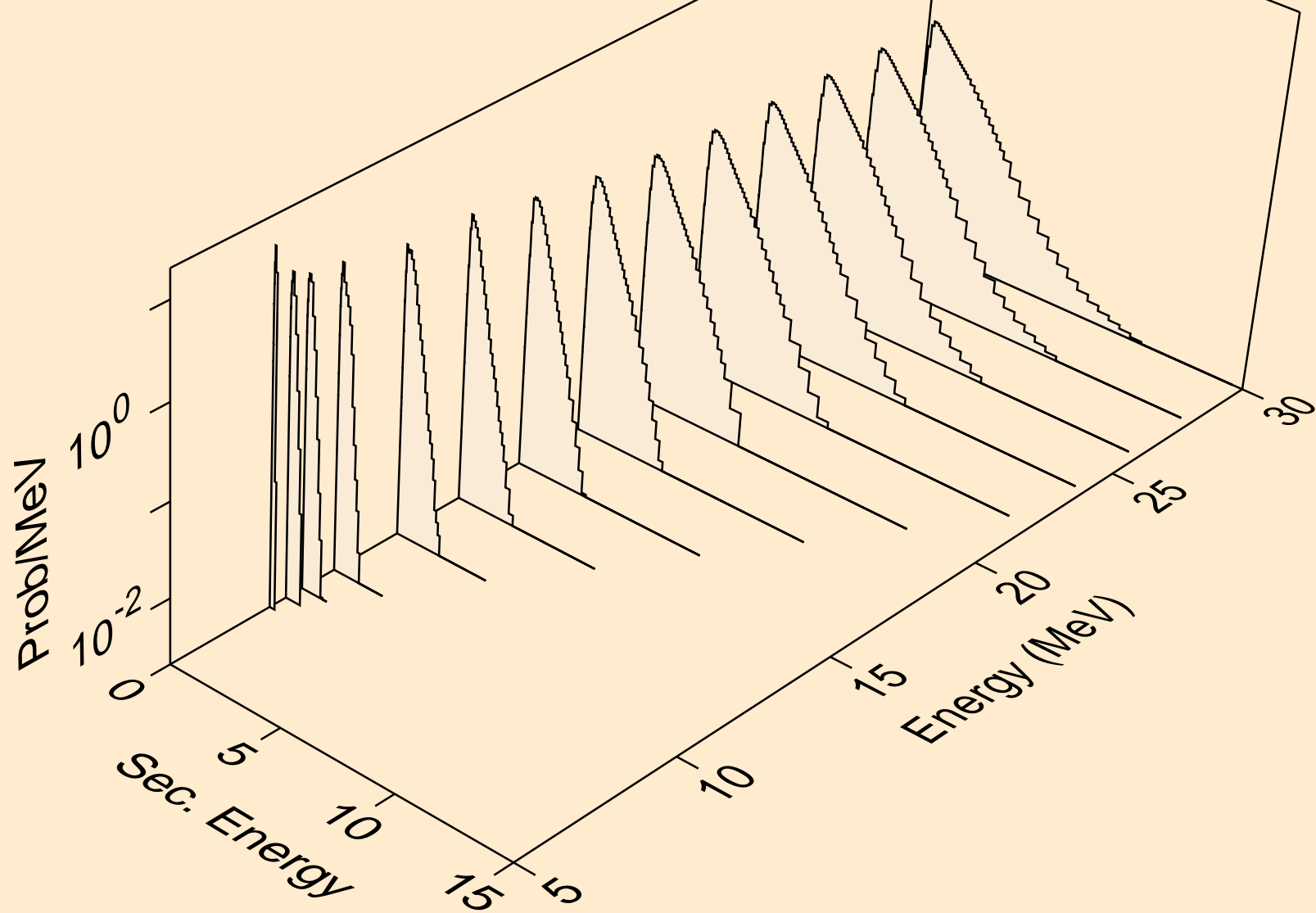




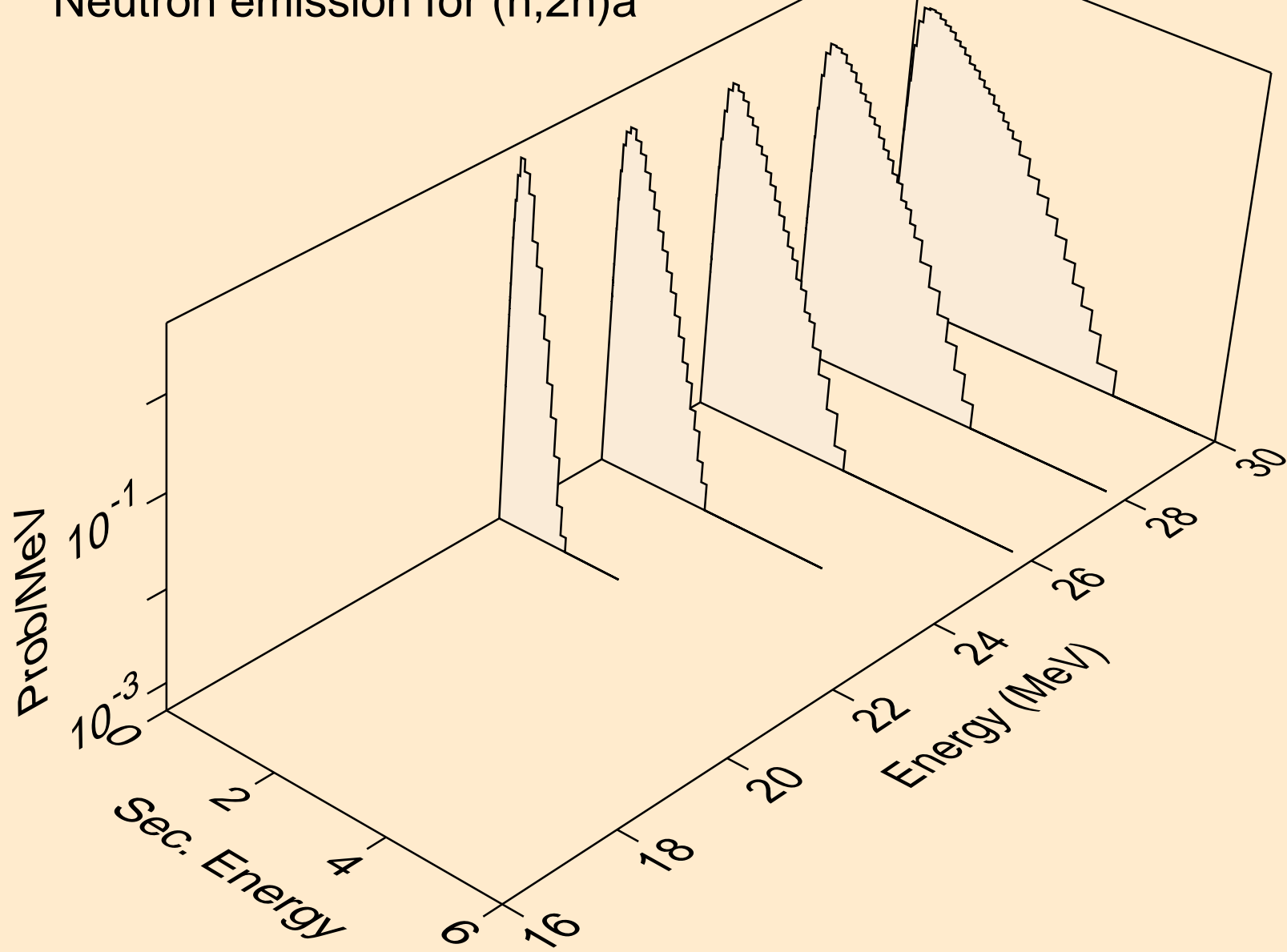
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



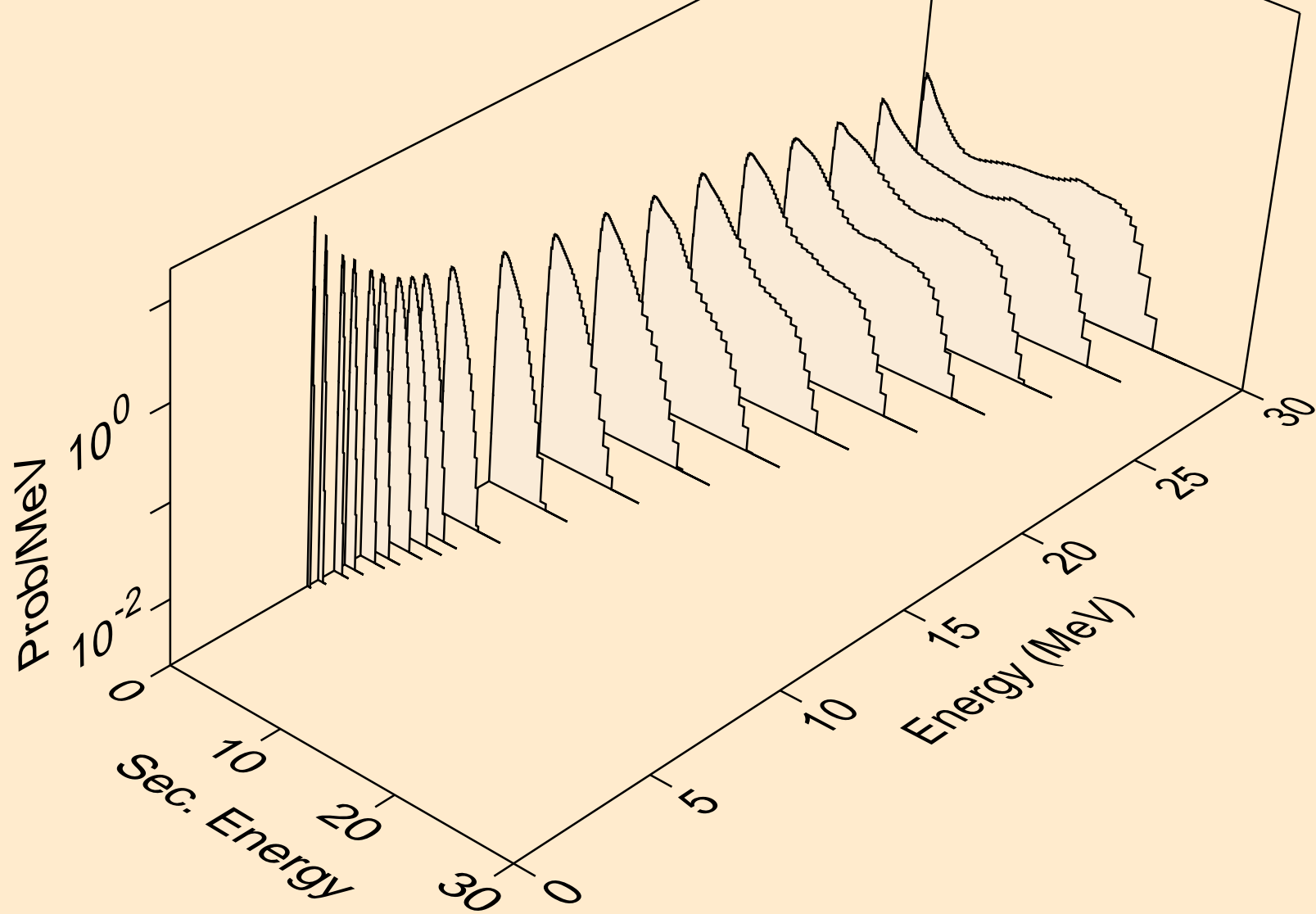
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



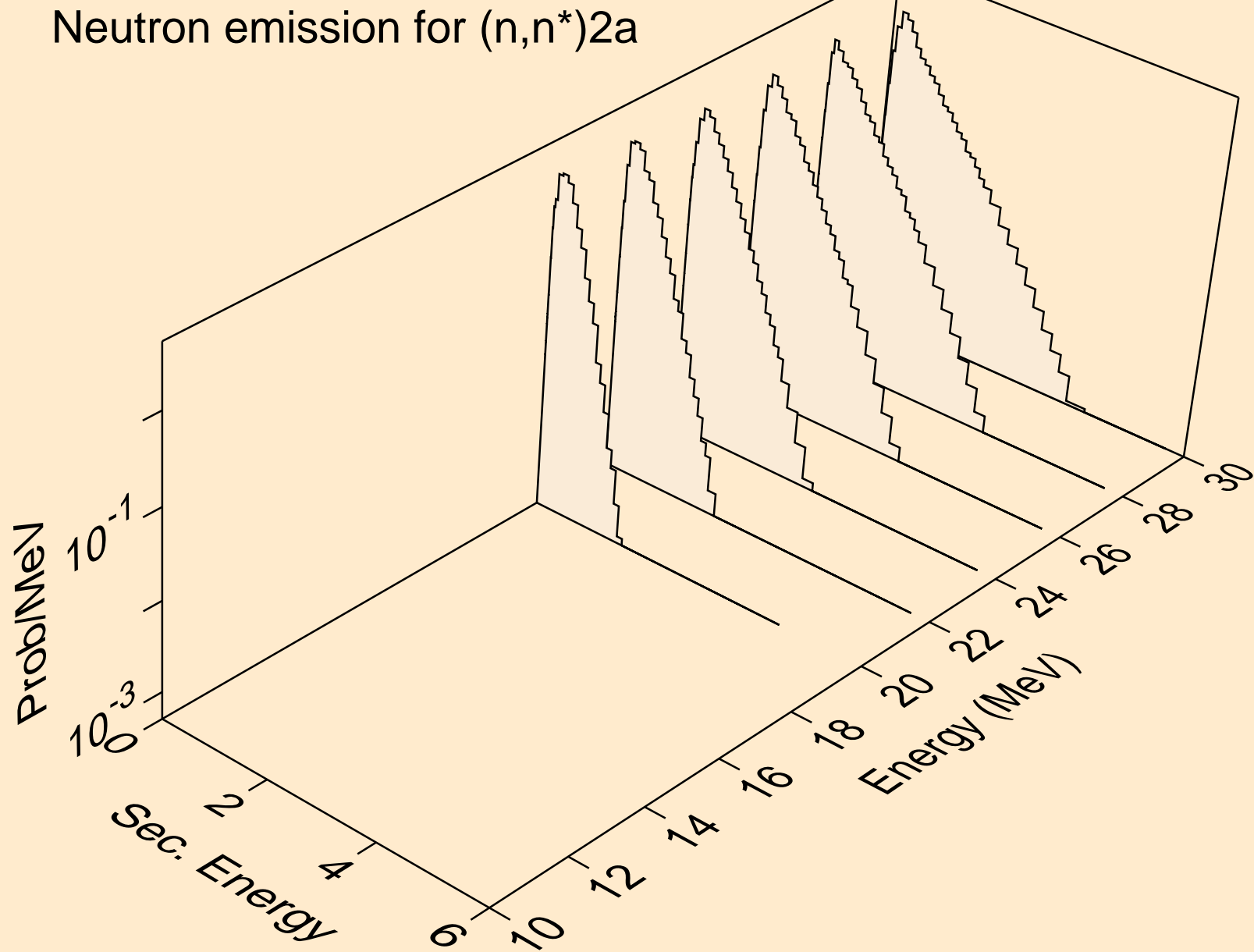
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



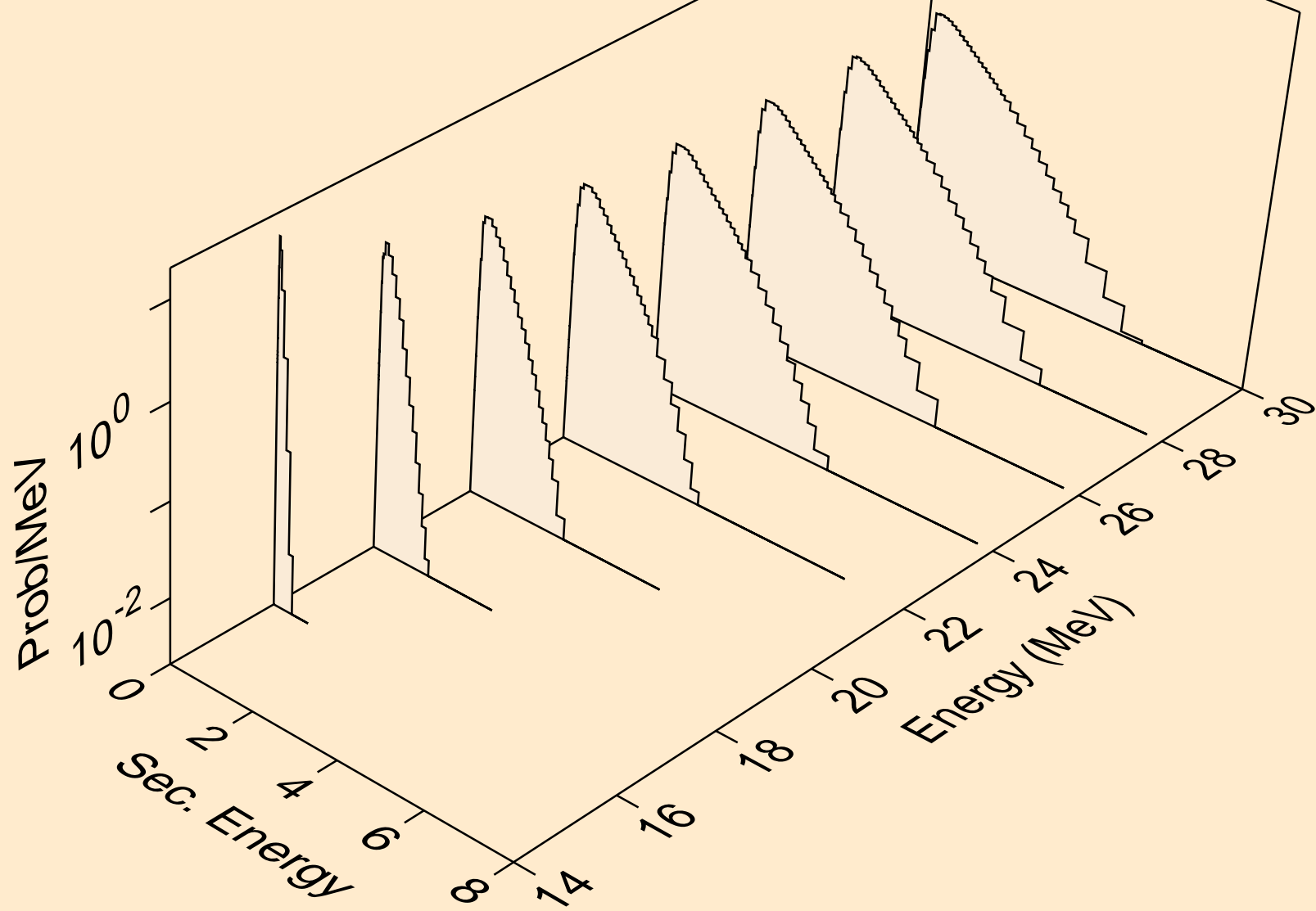
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



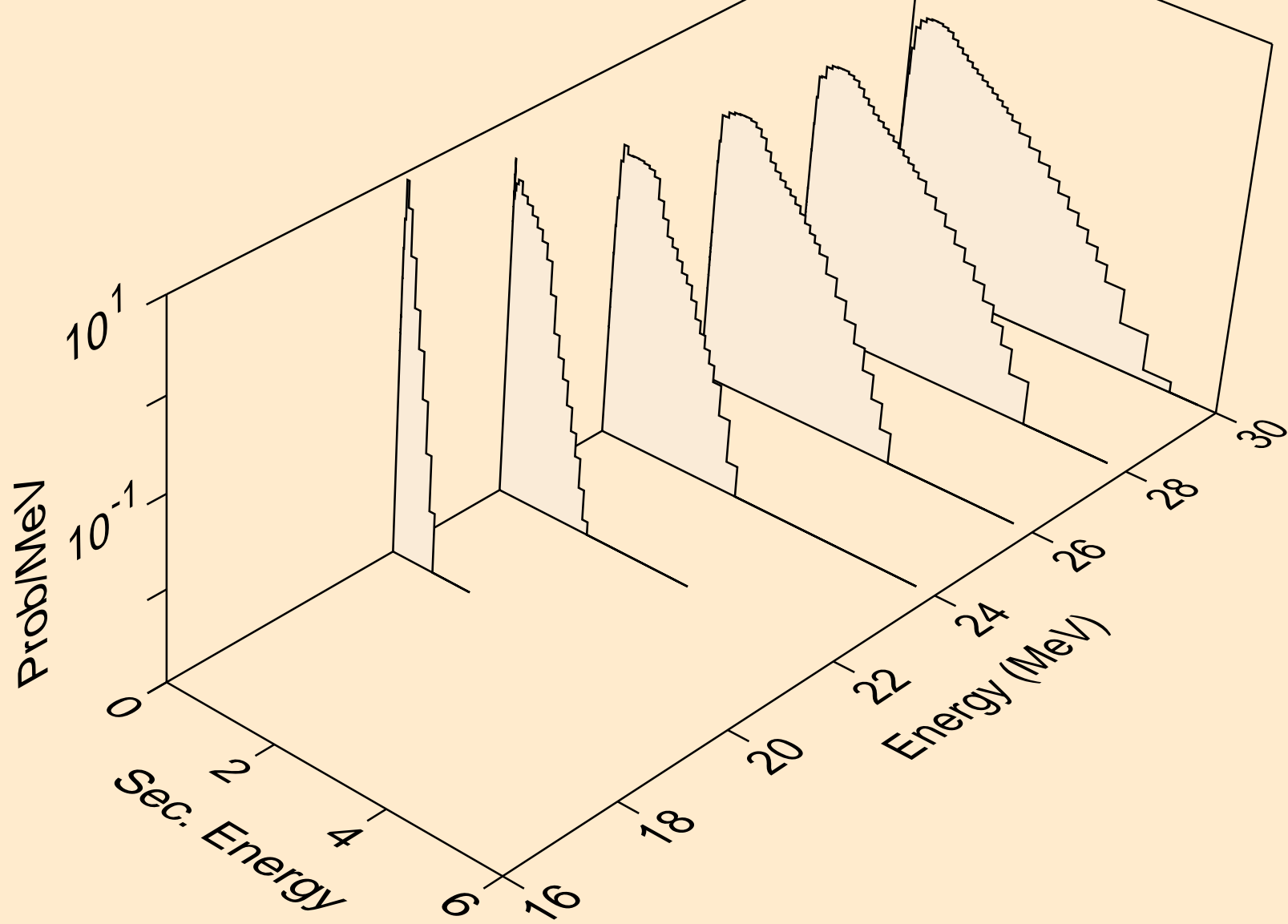
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



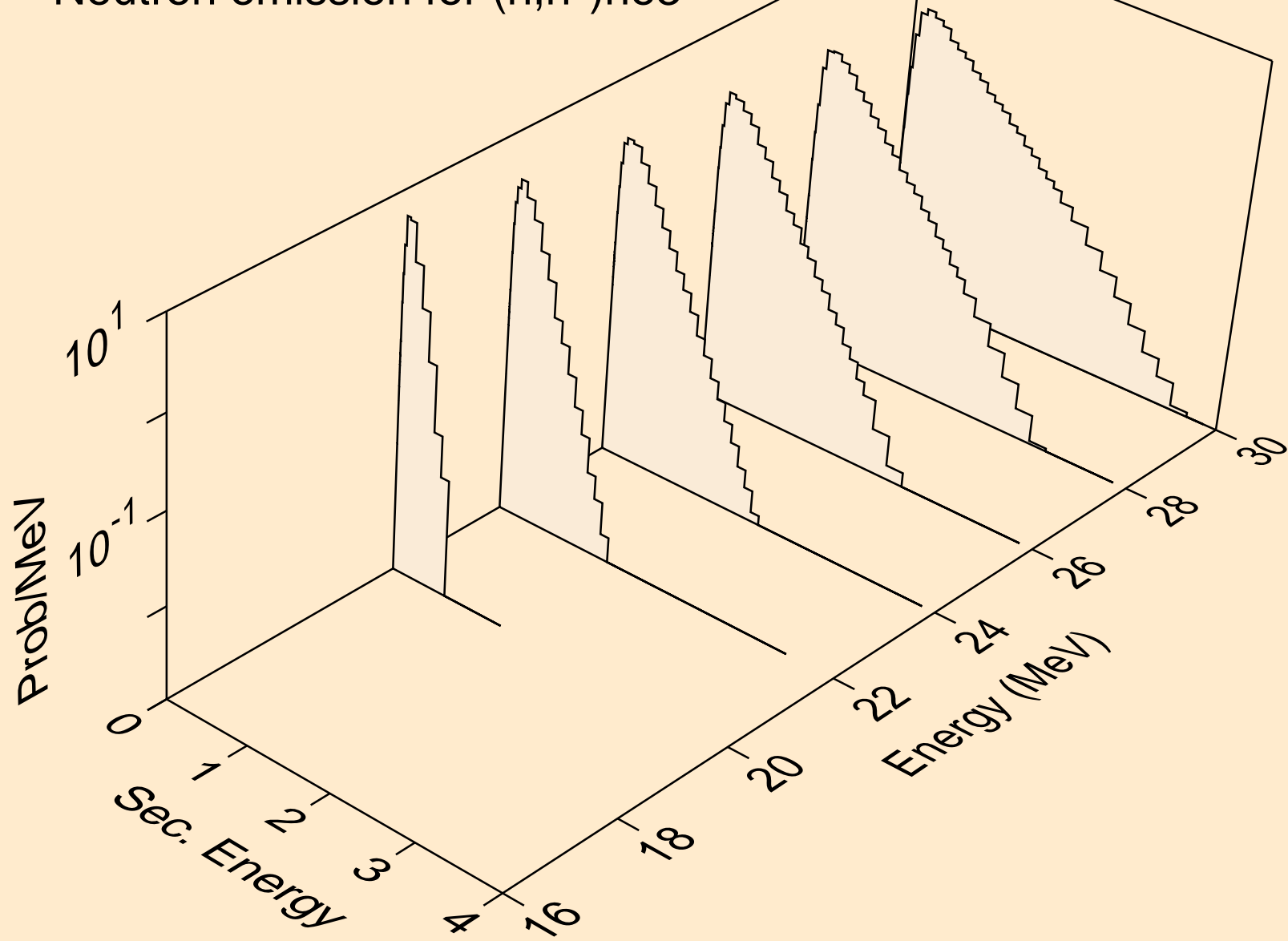
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

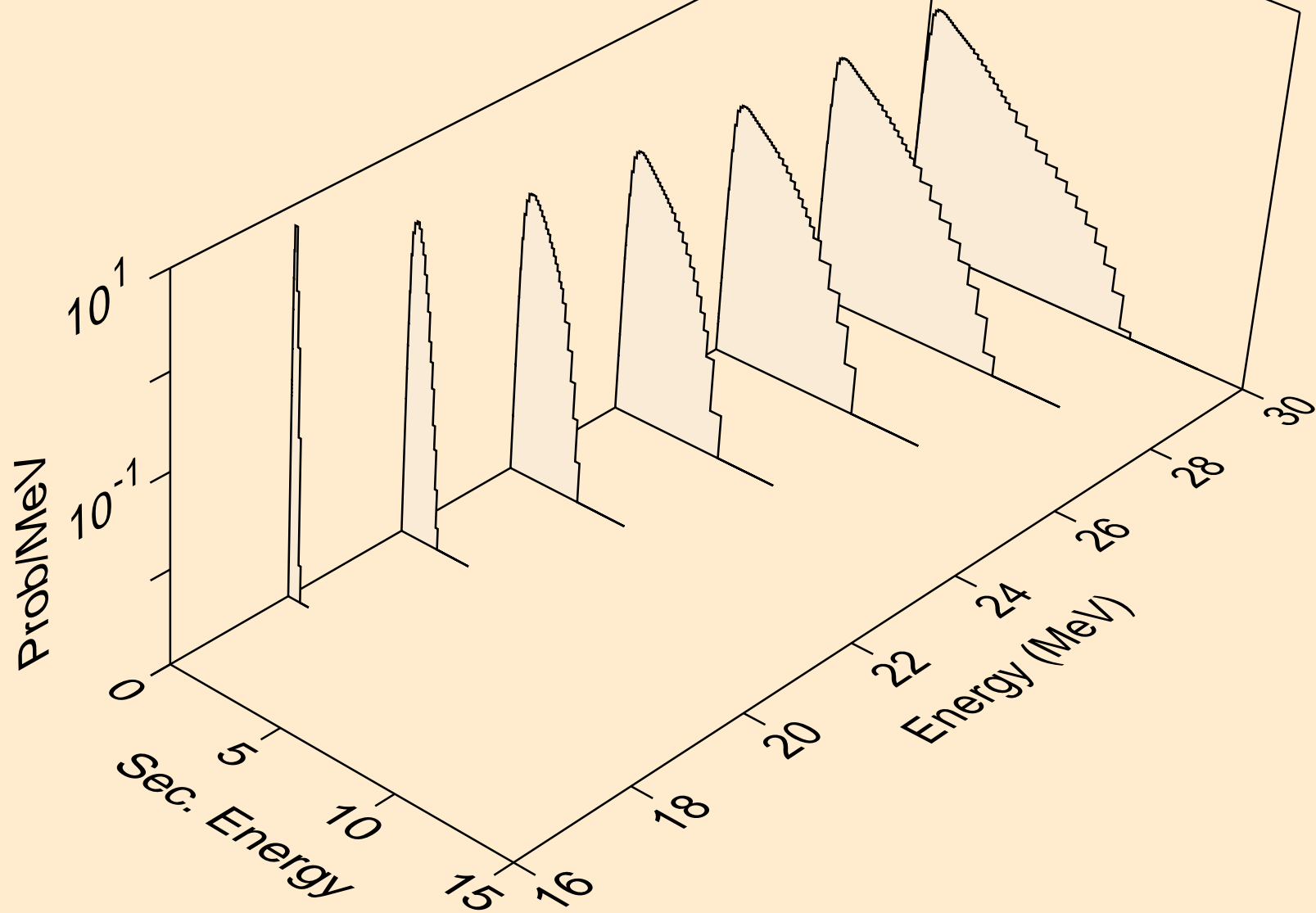


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

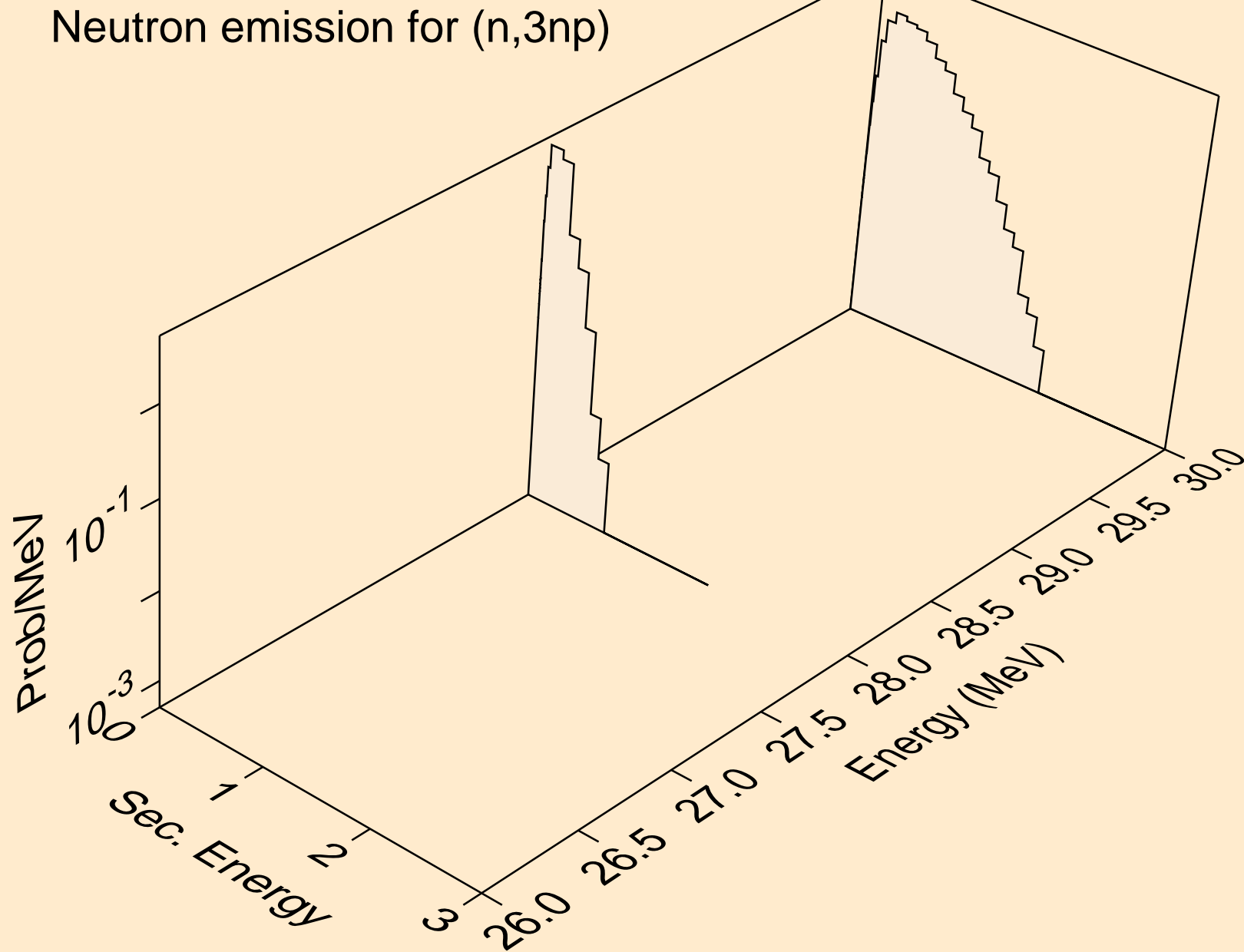




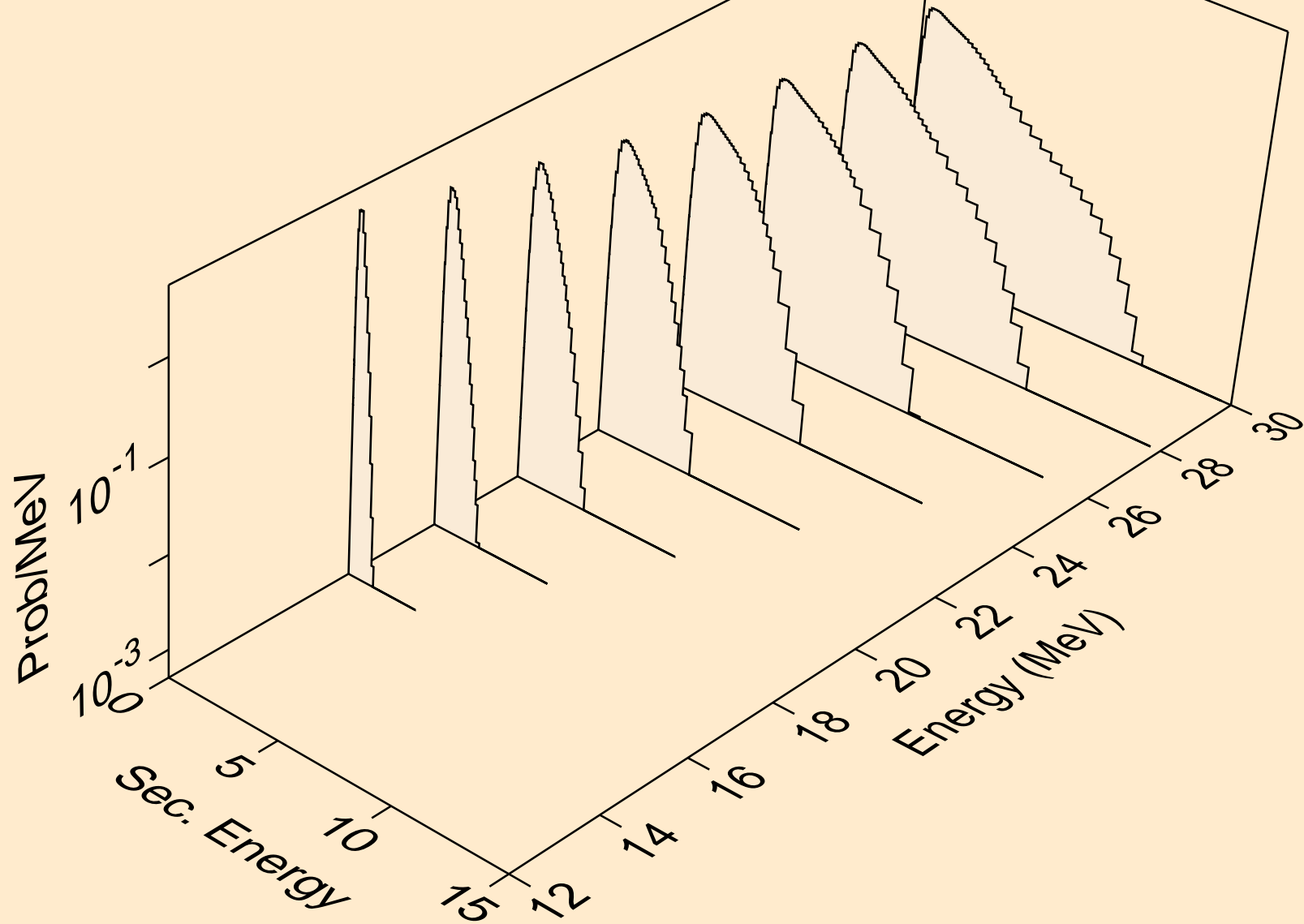
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



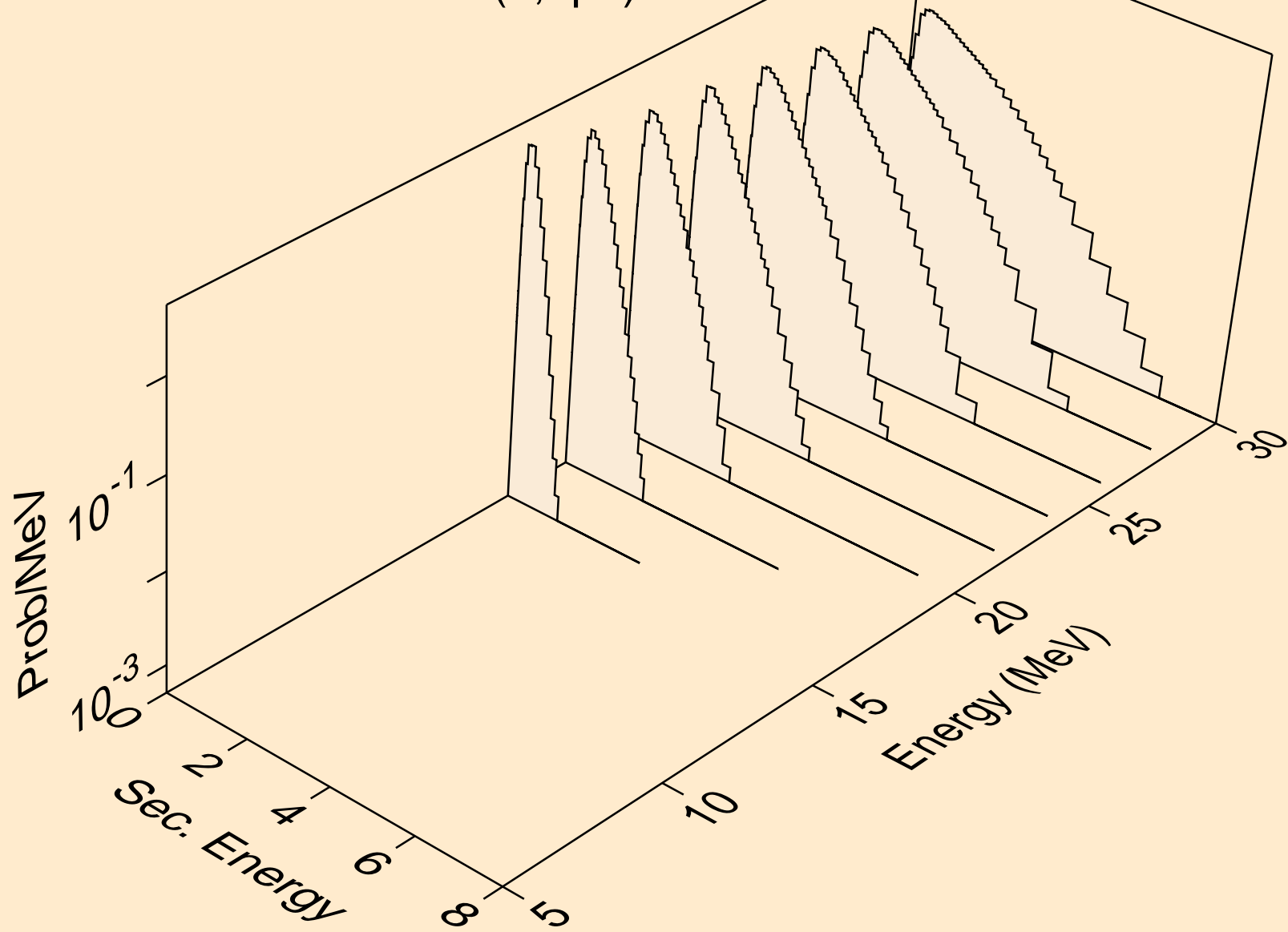
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



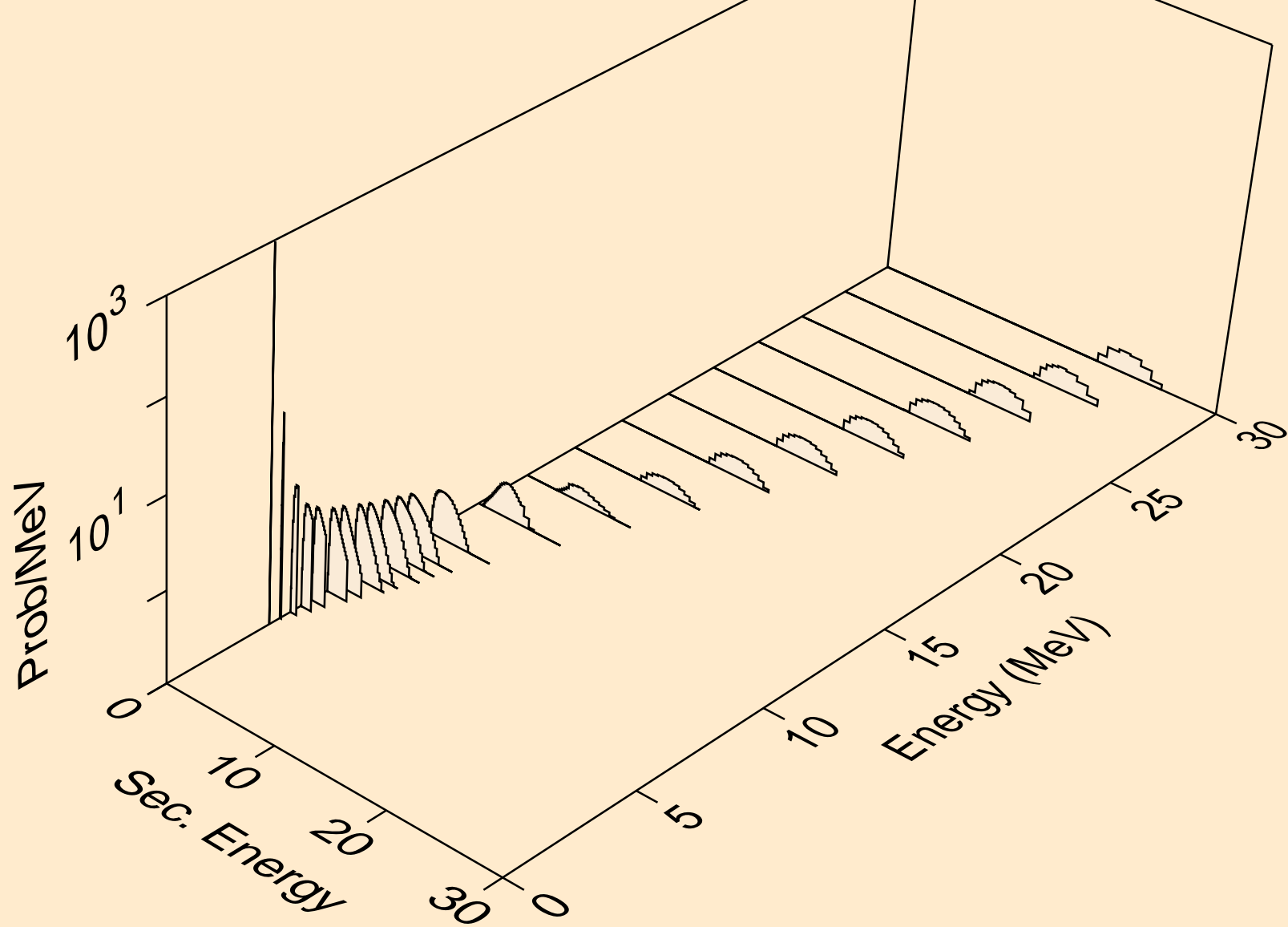
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



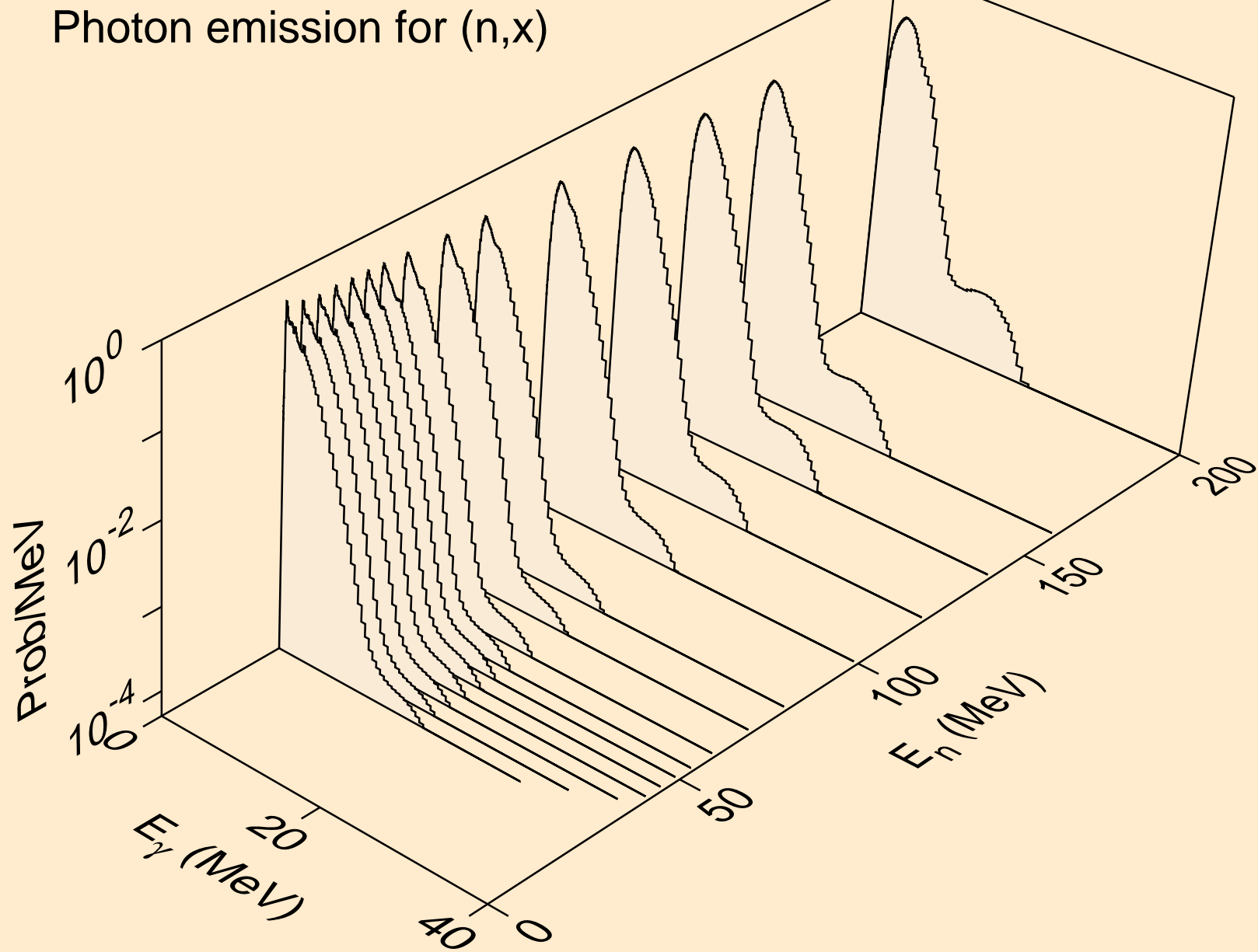
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



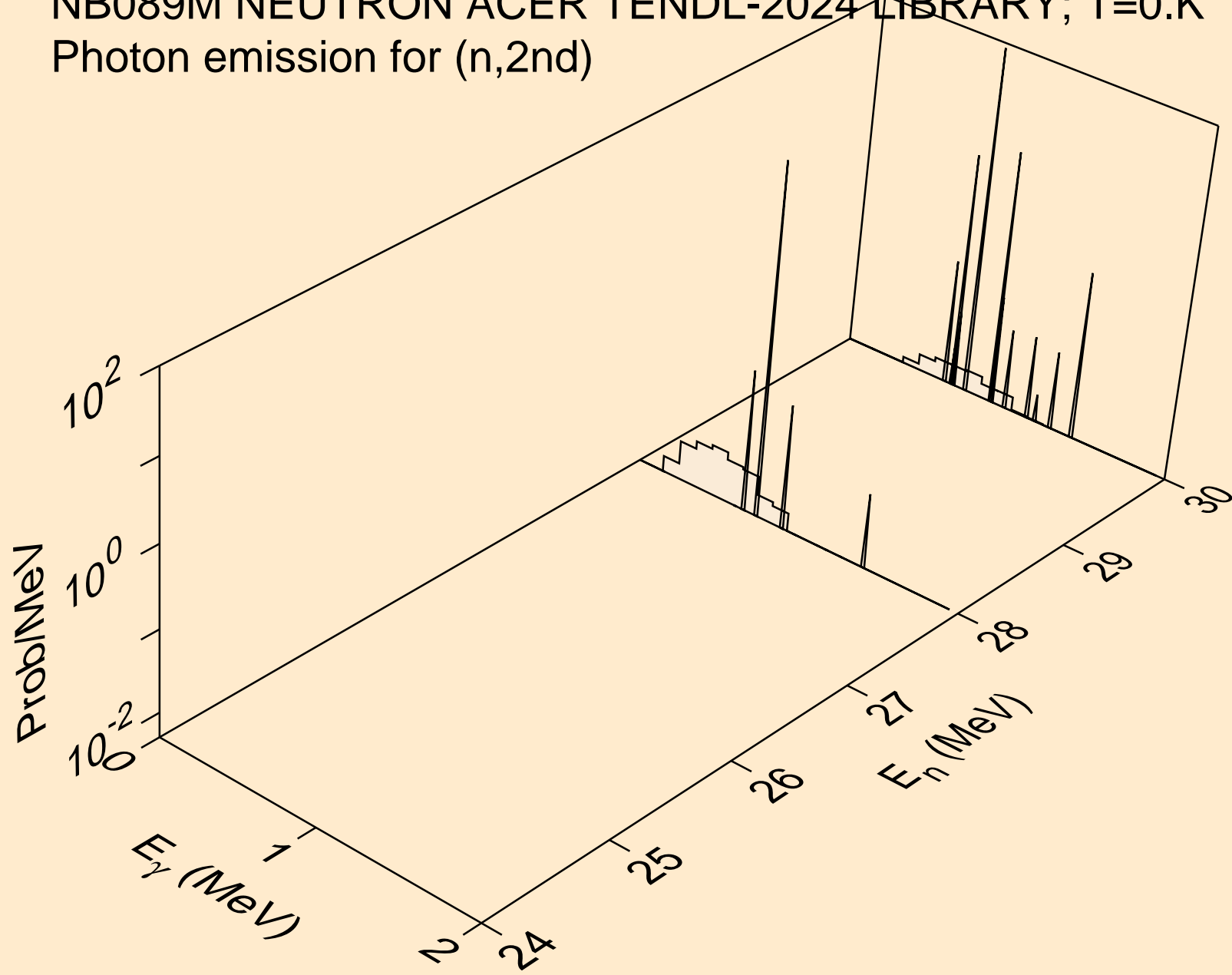
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



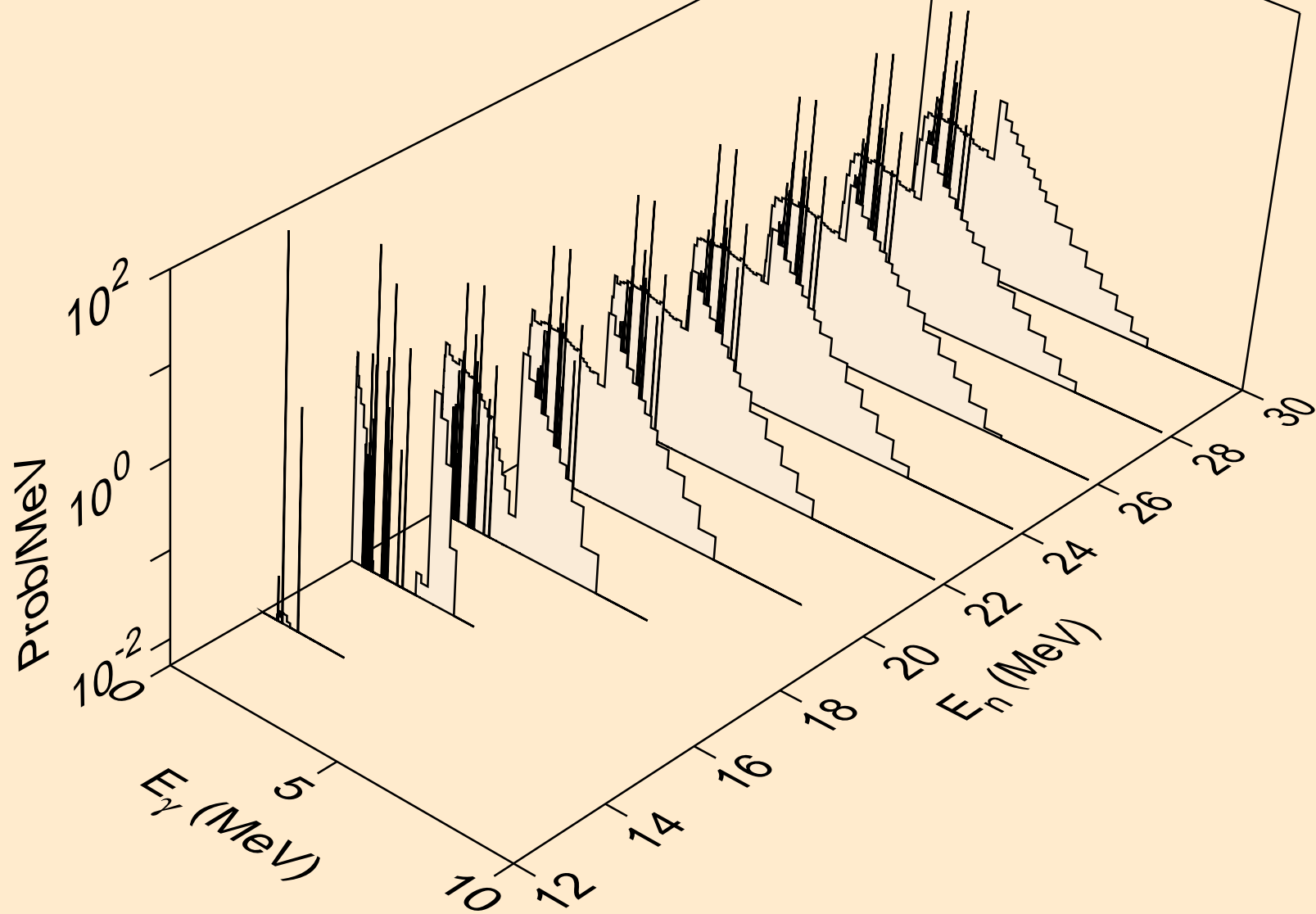
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

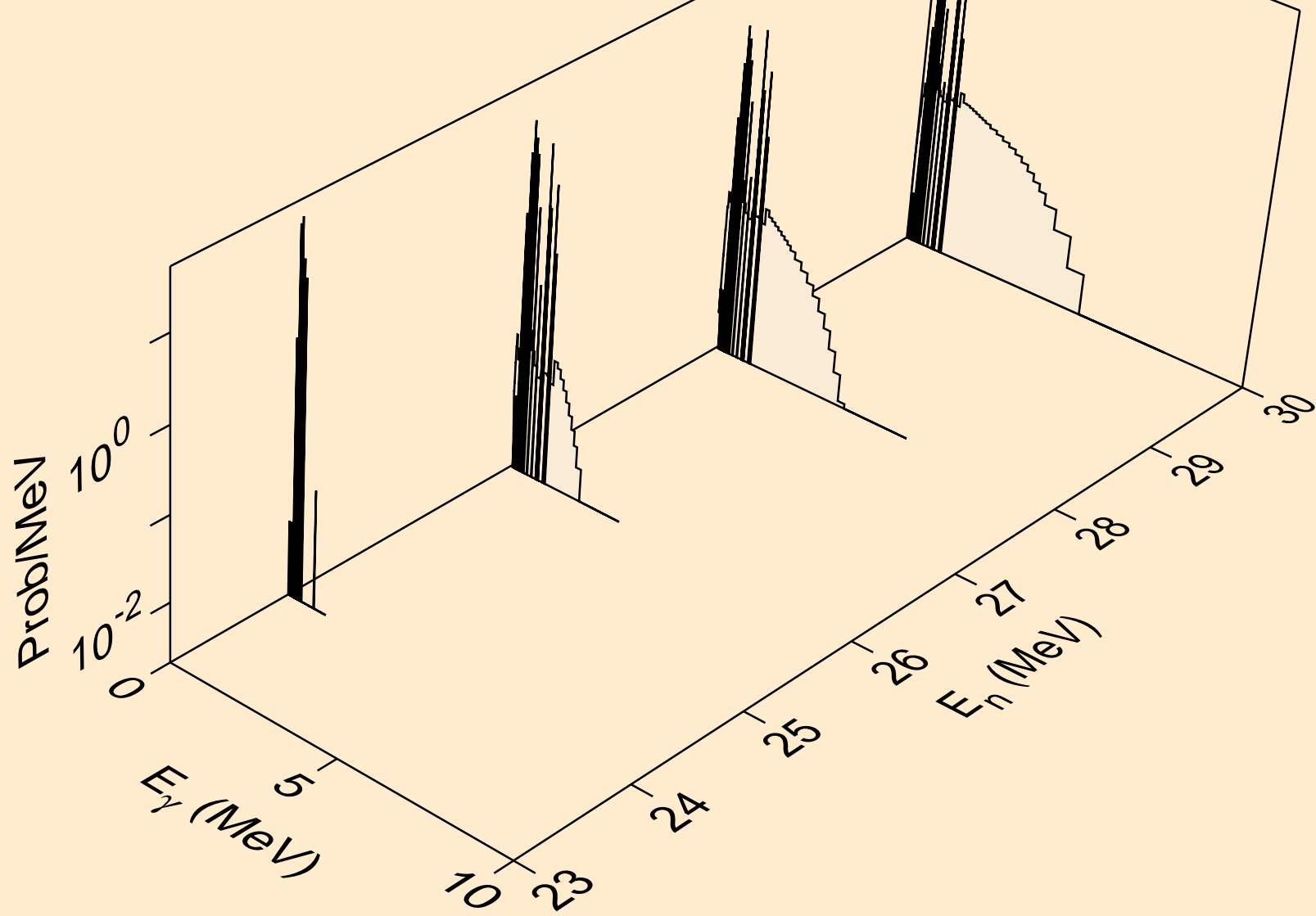


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

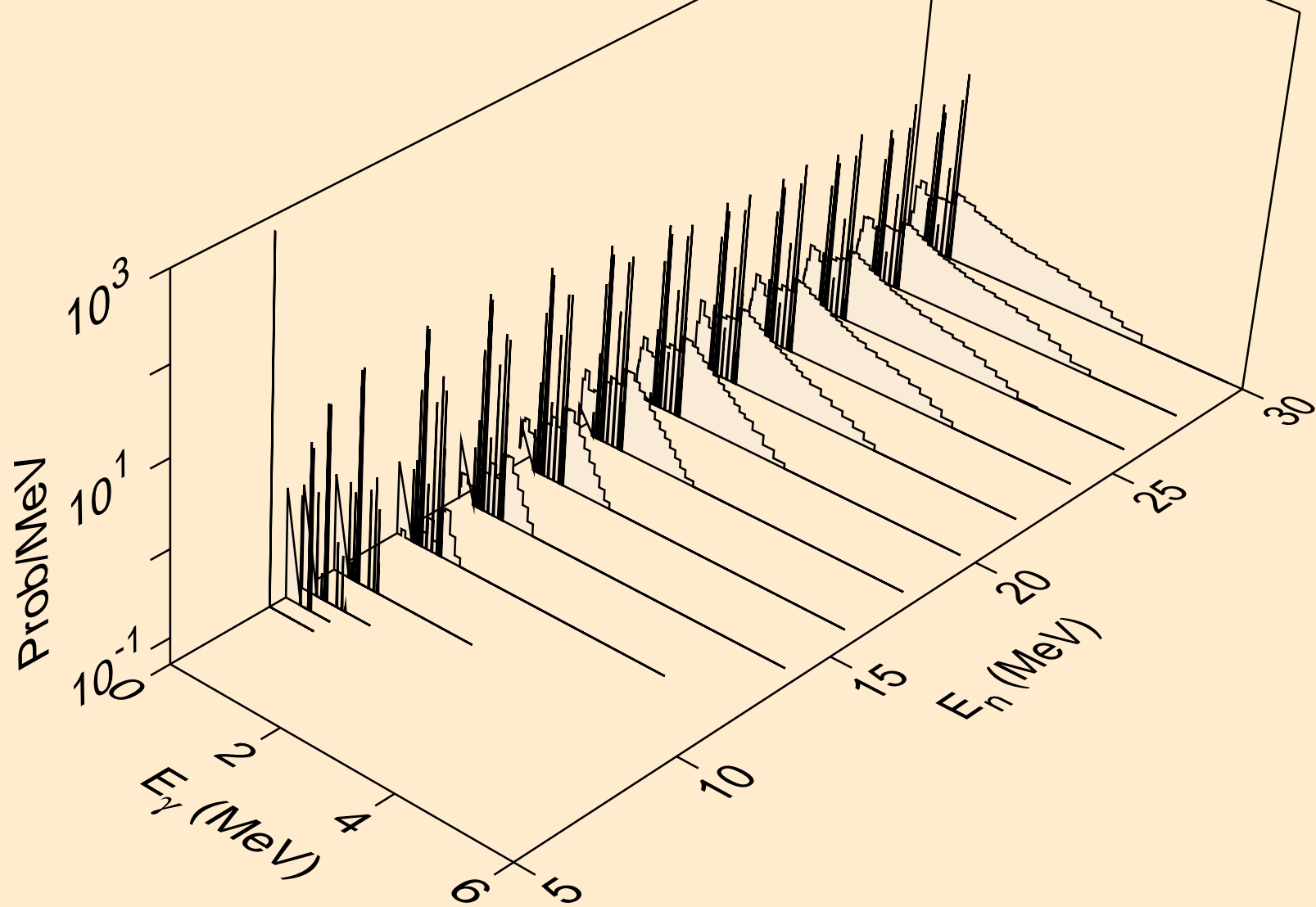




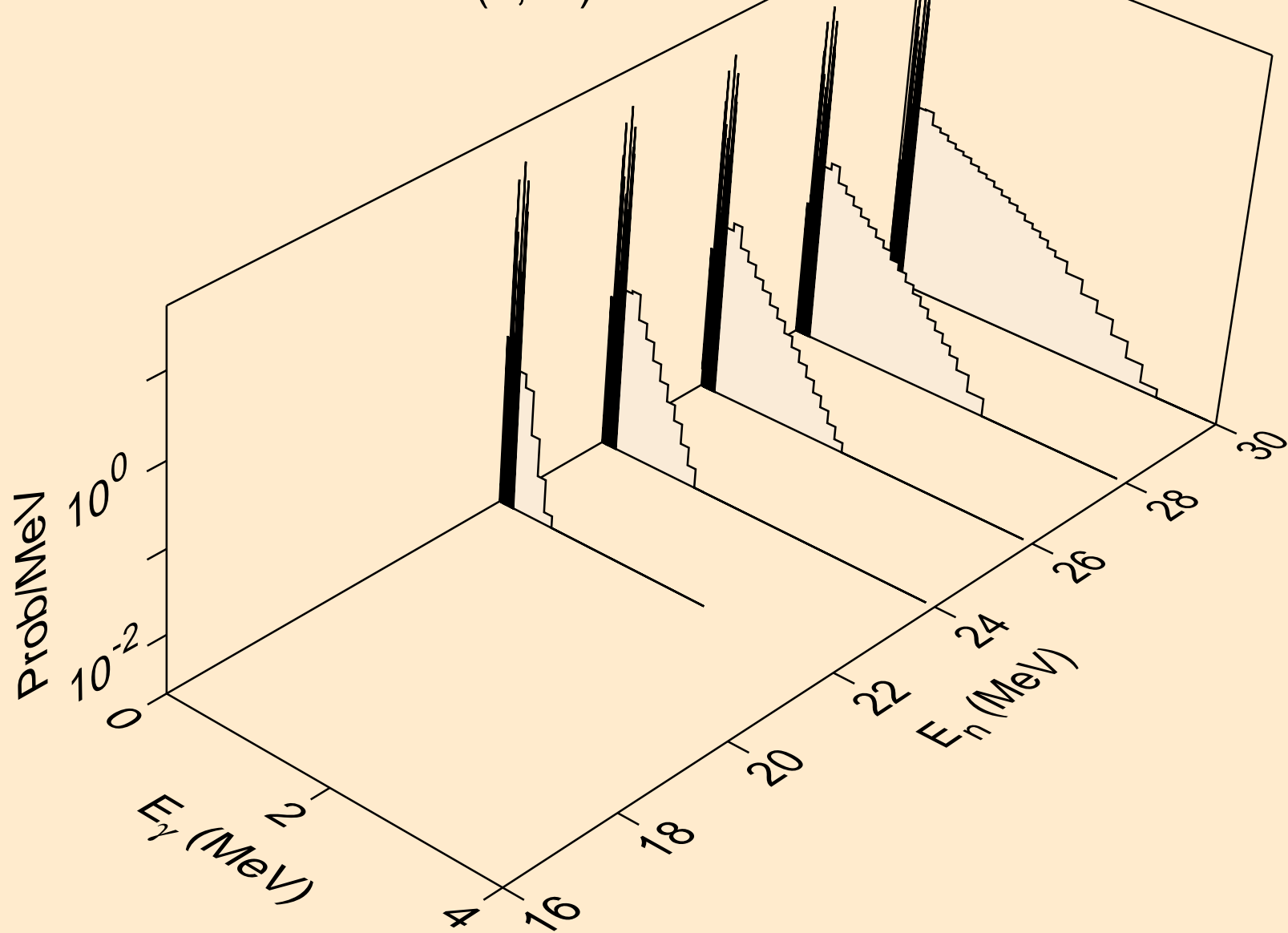
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



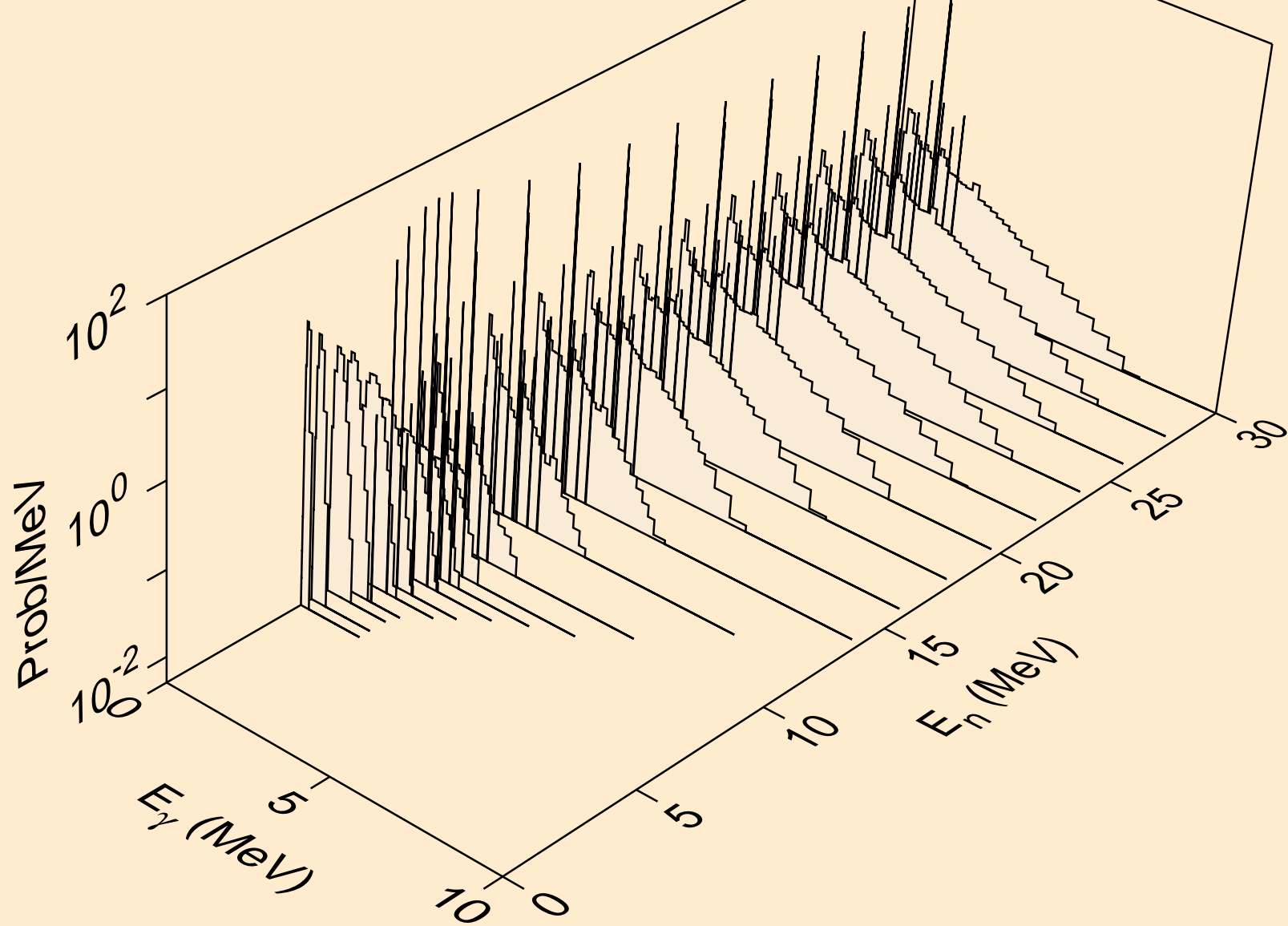
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



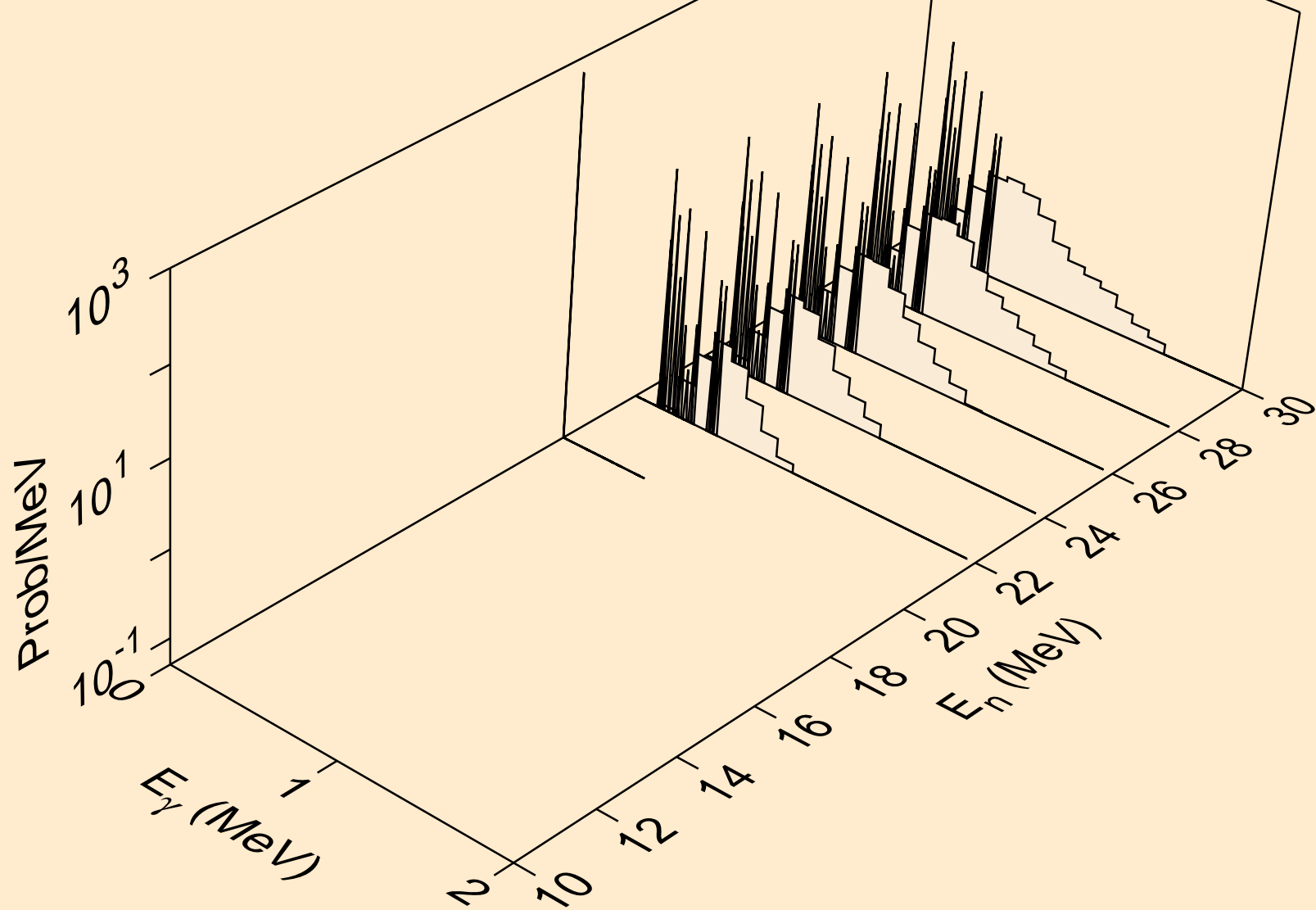
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



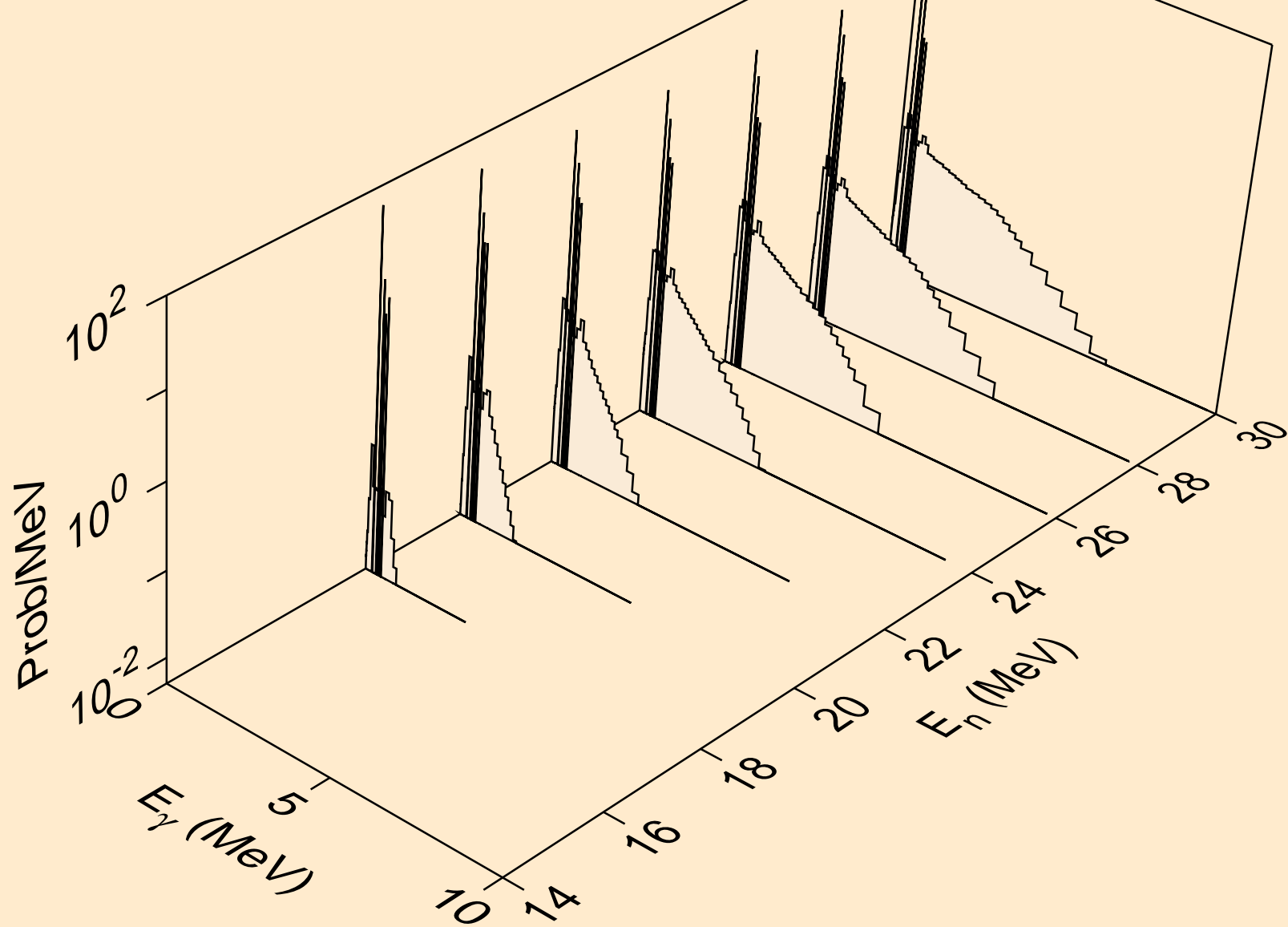
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



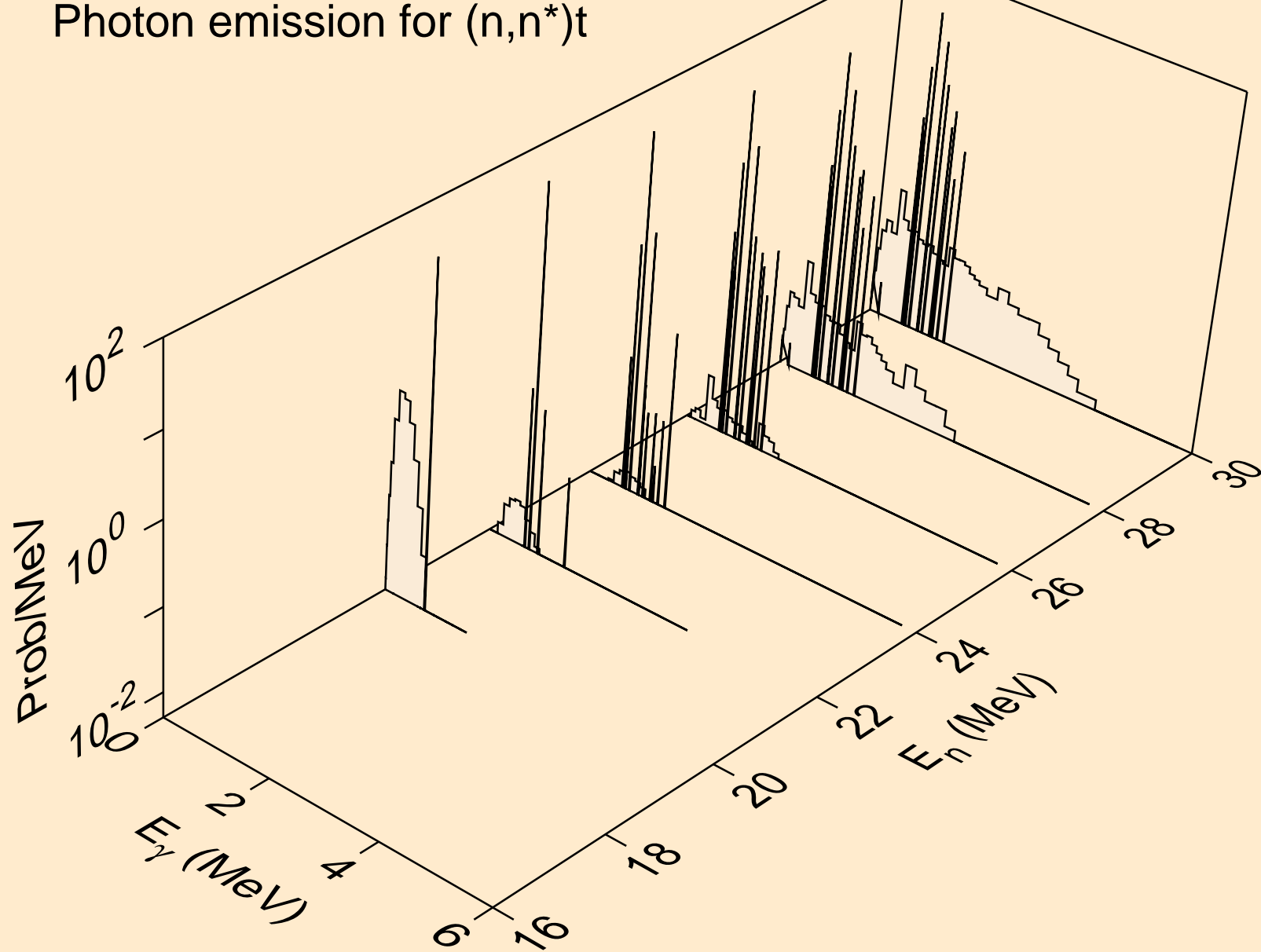
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



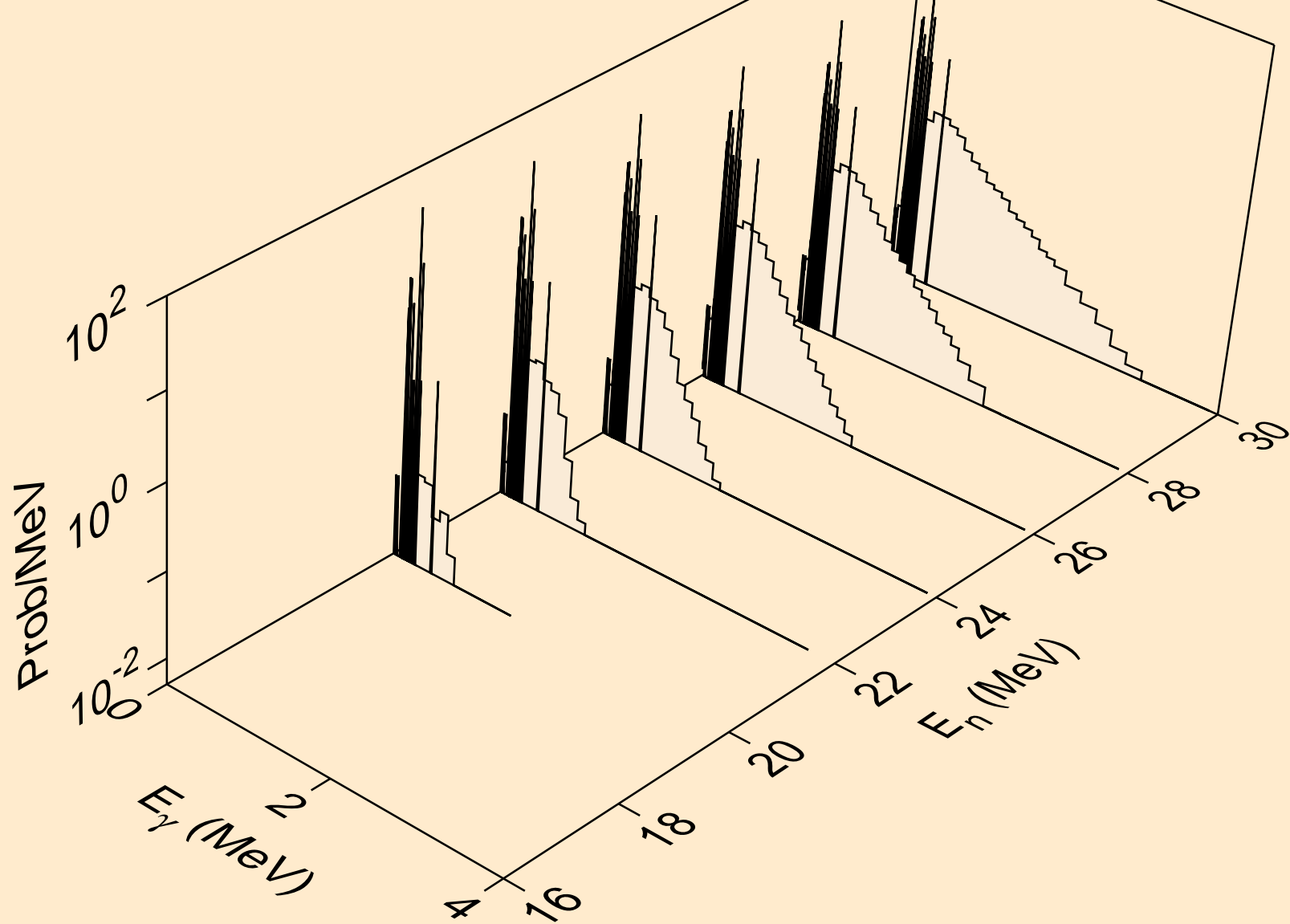
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

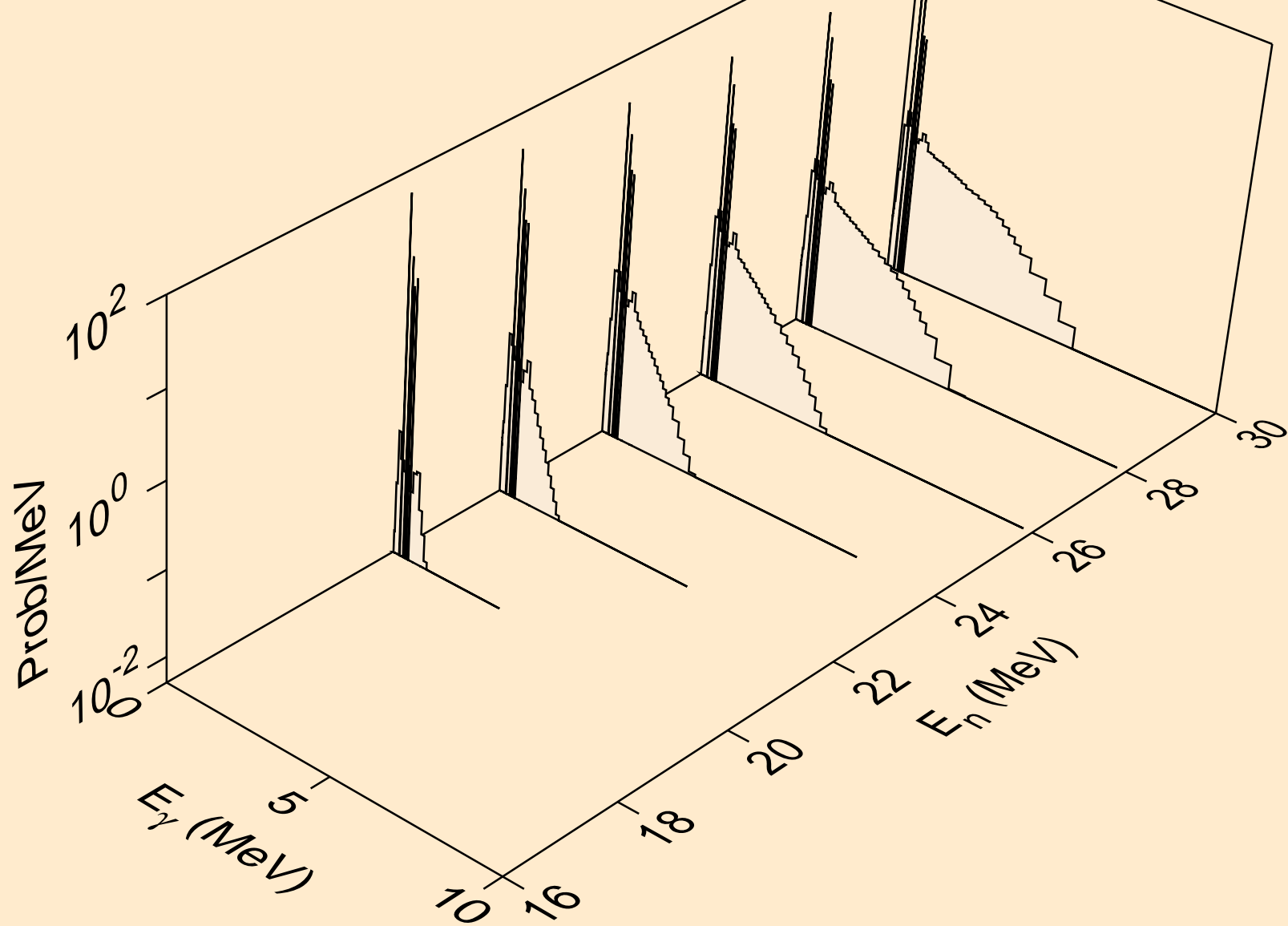


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

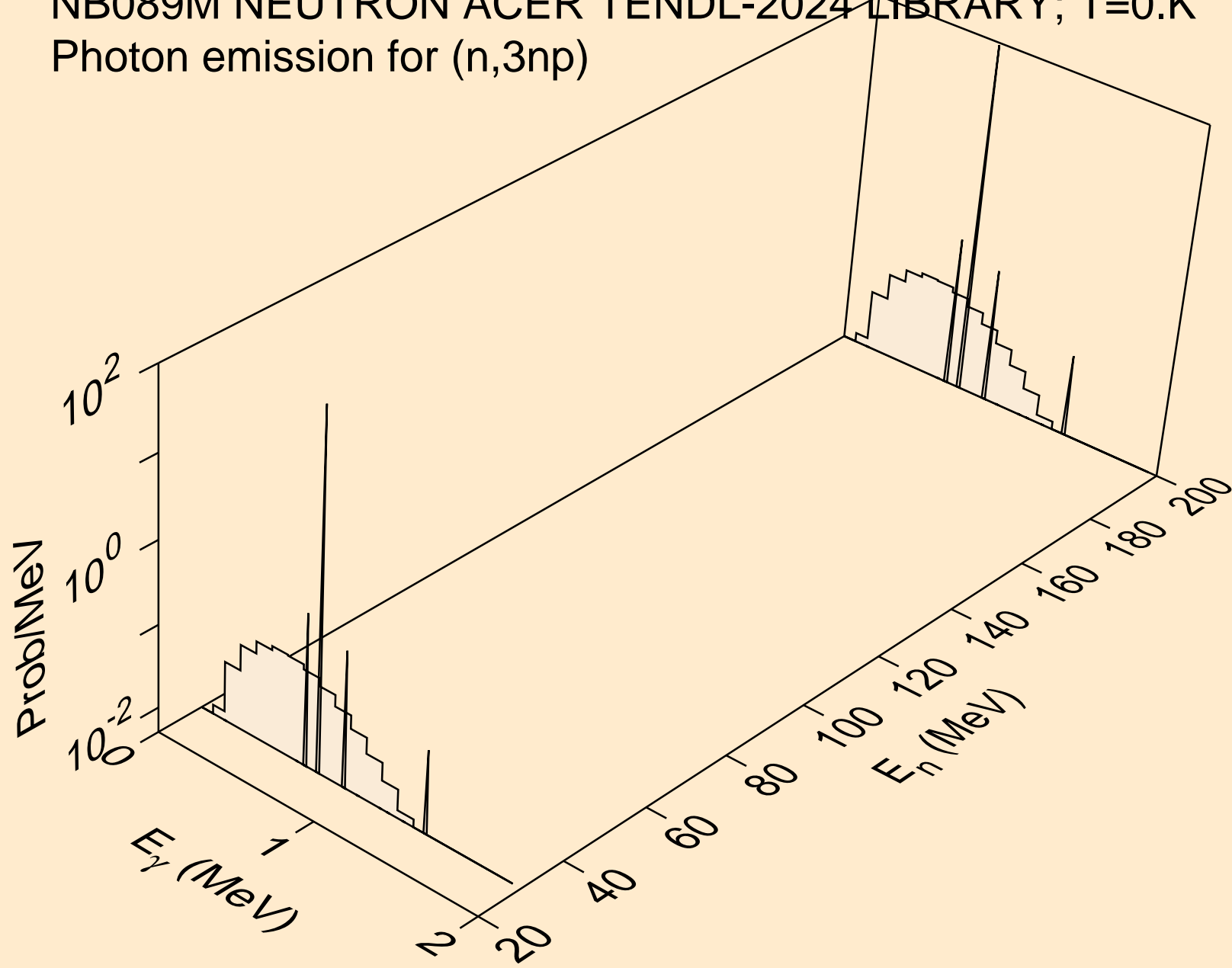




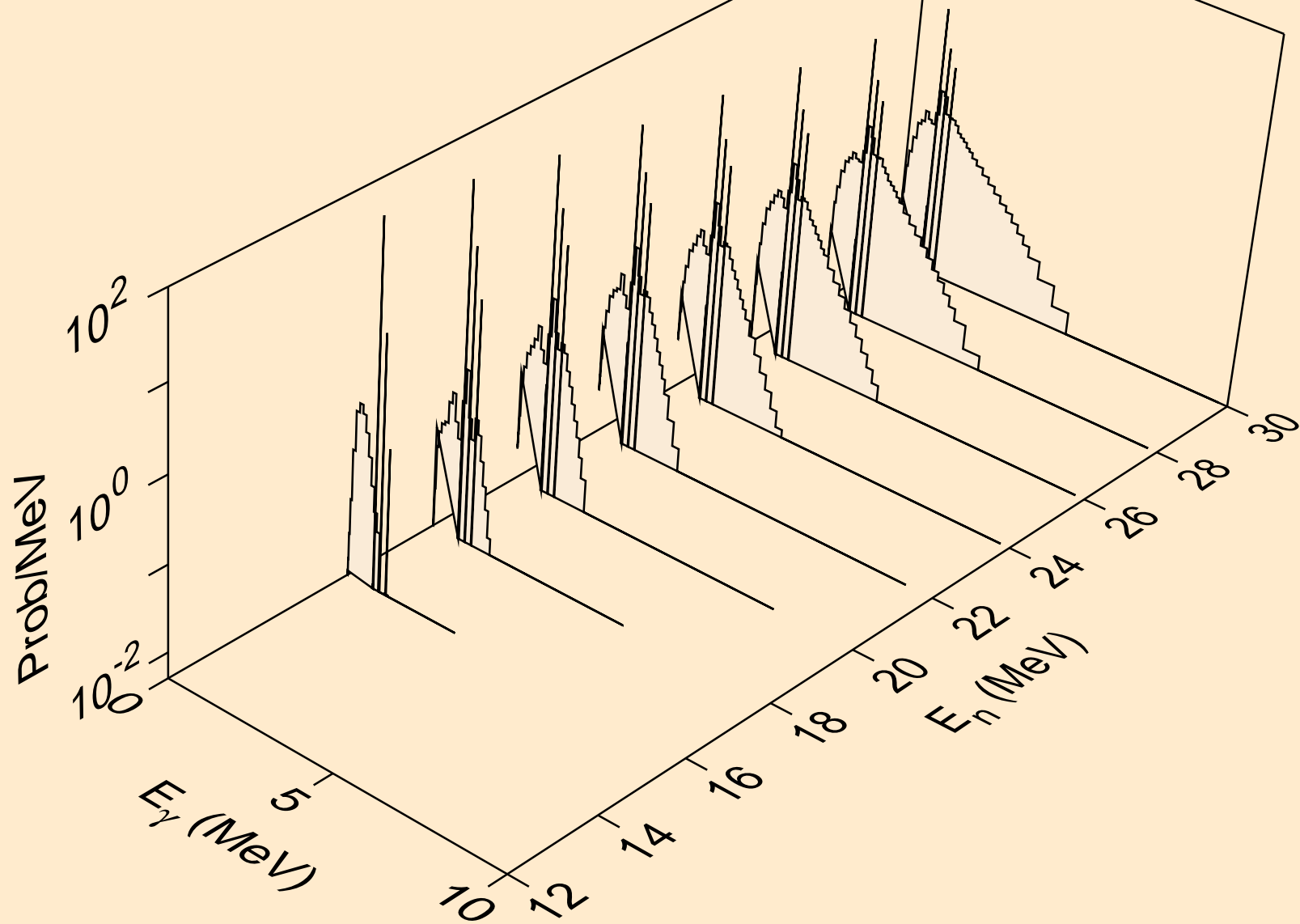
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



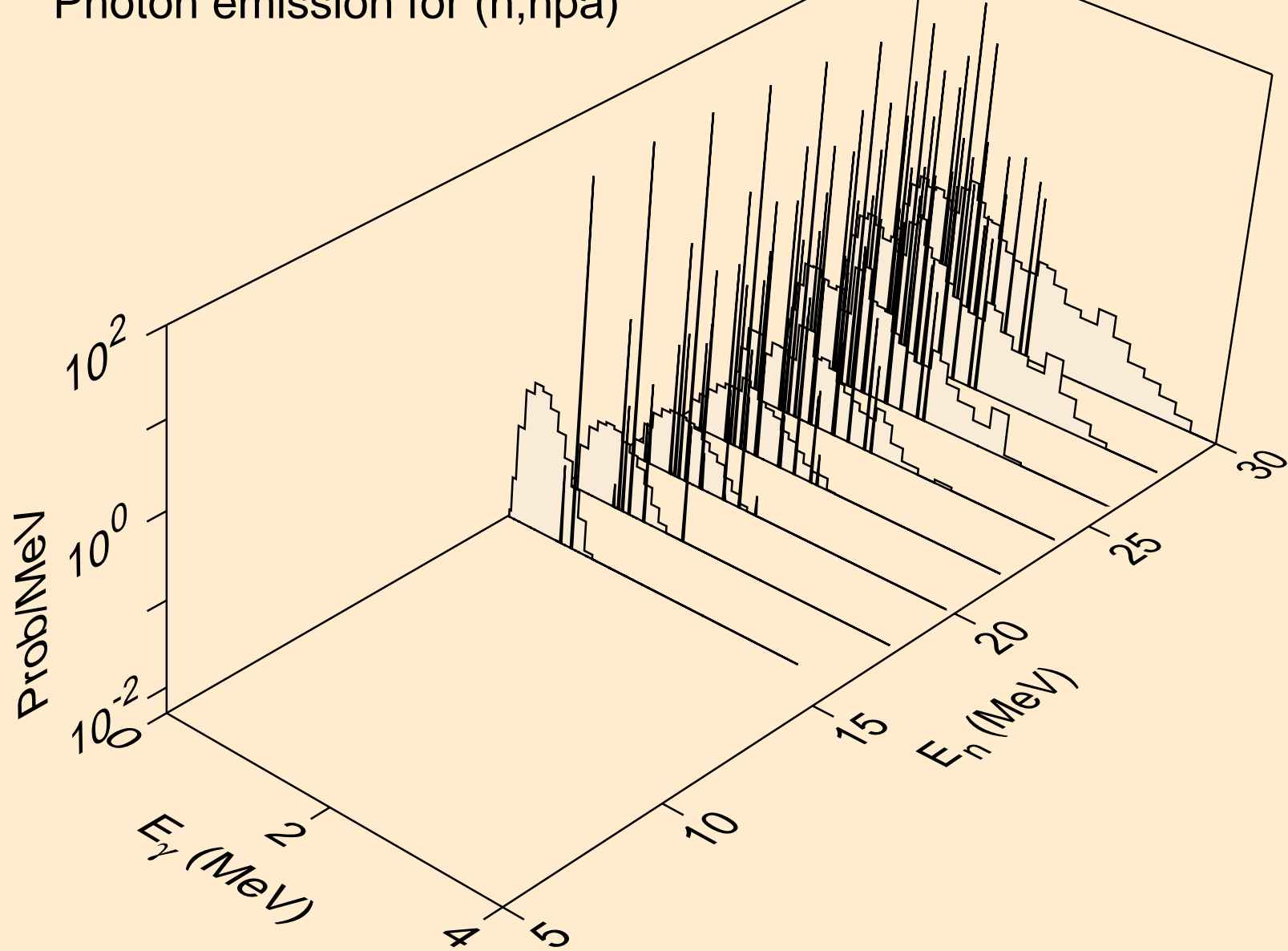
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



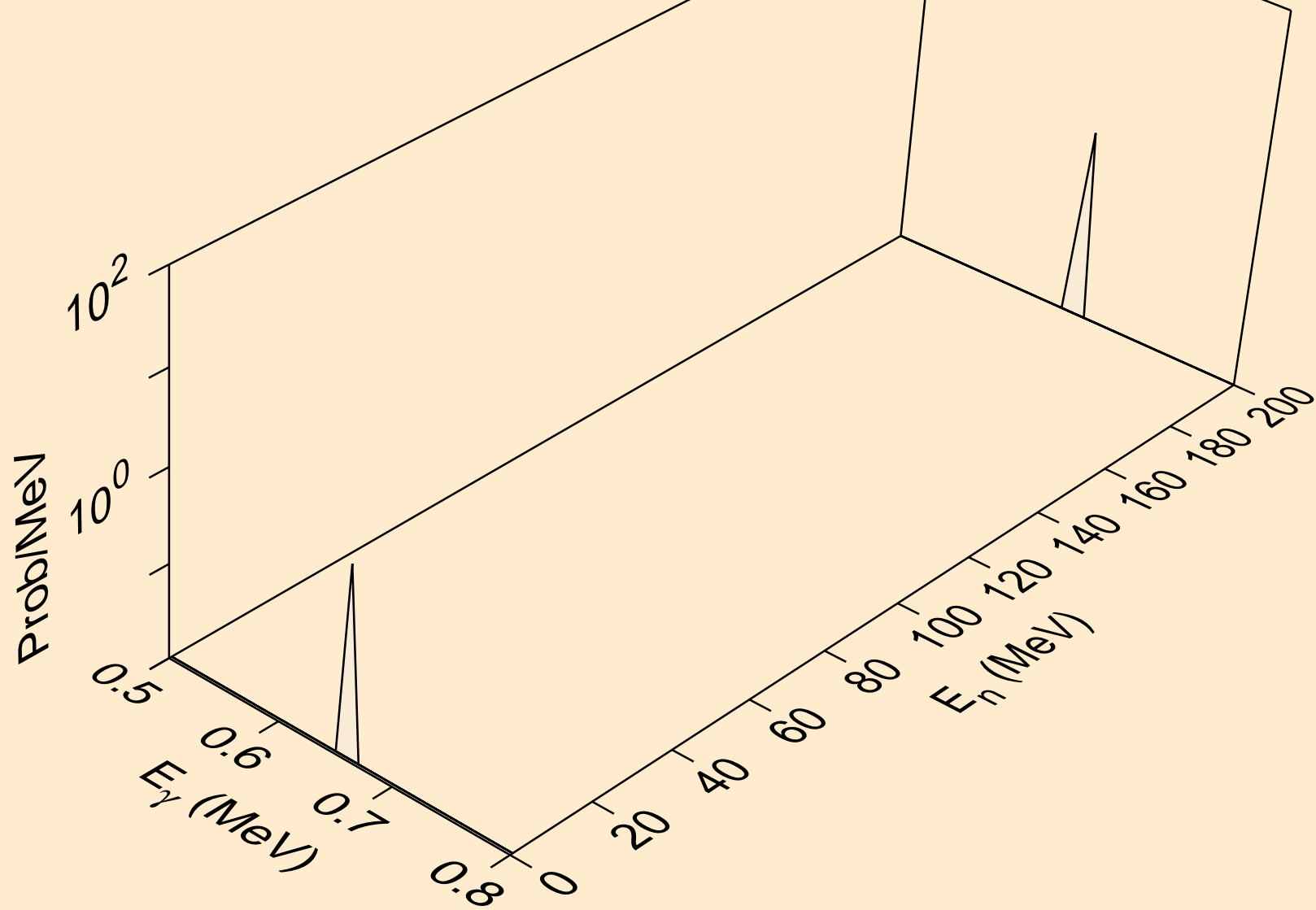
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



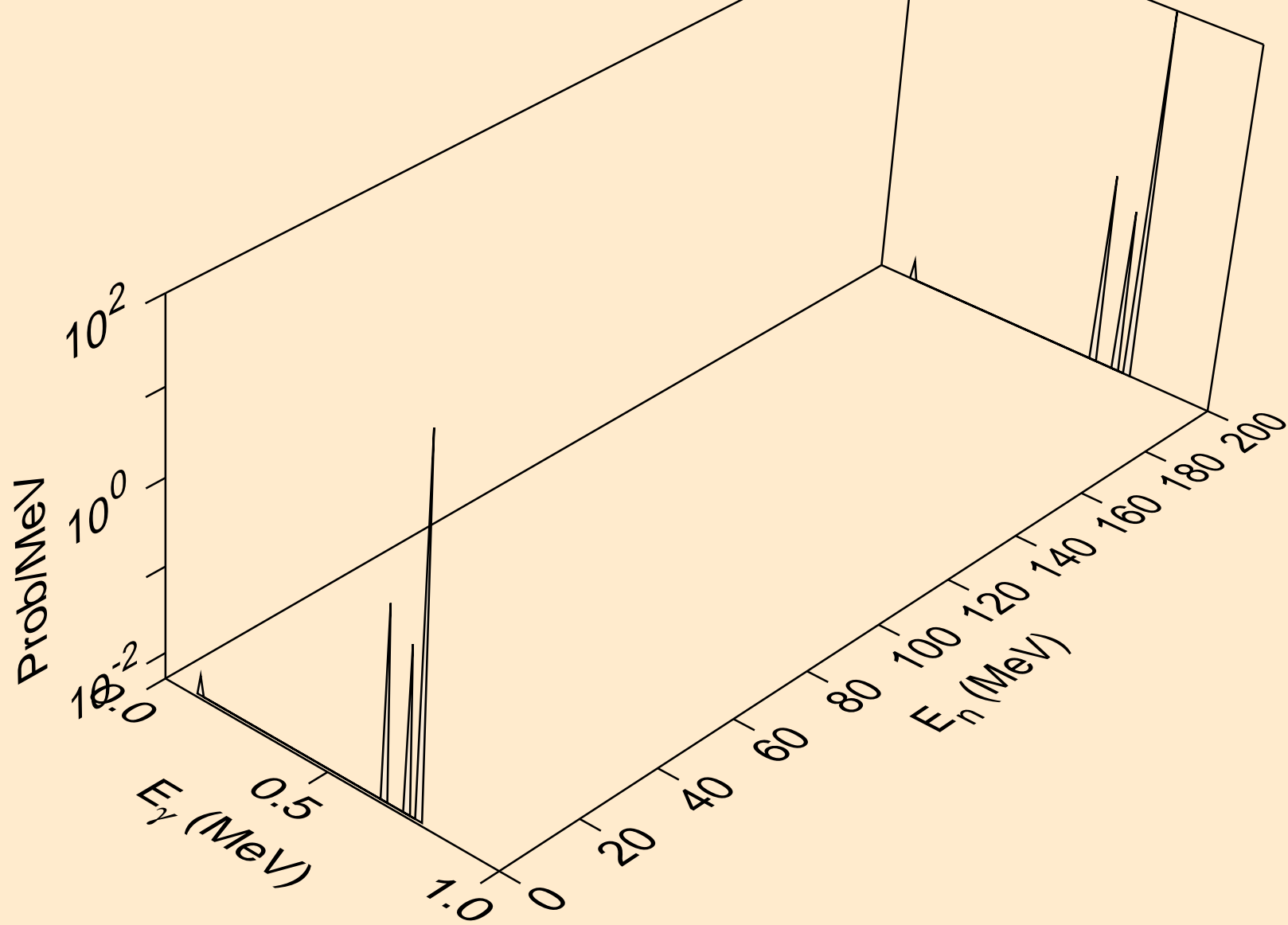
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



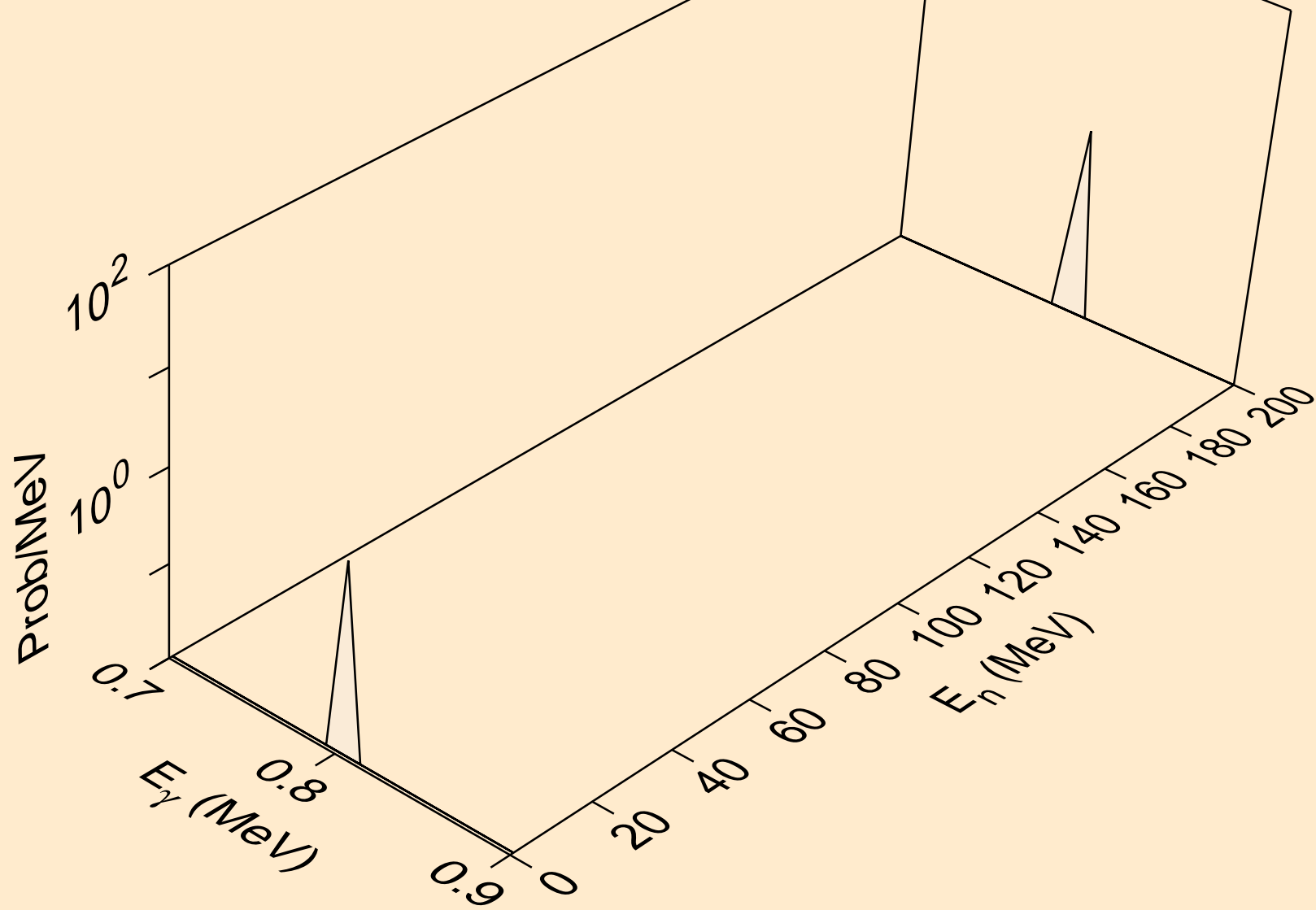
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*2)



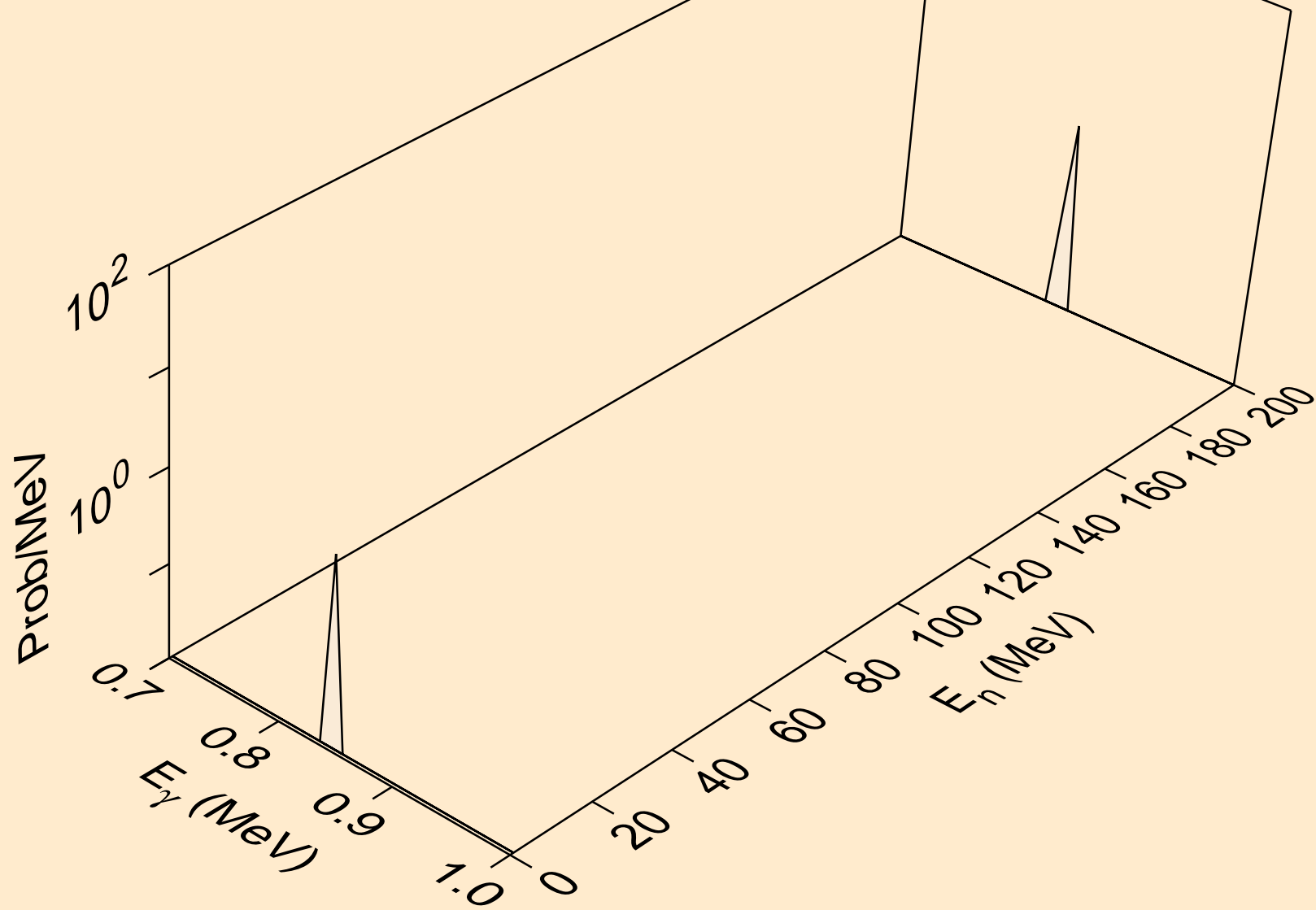
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*3)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*4)

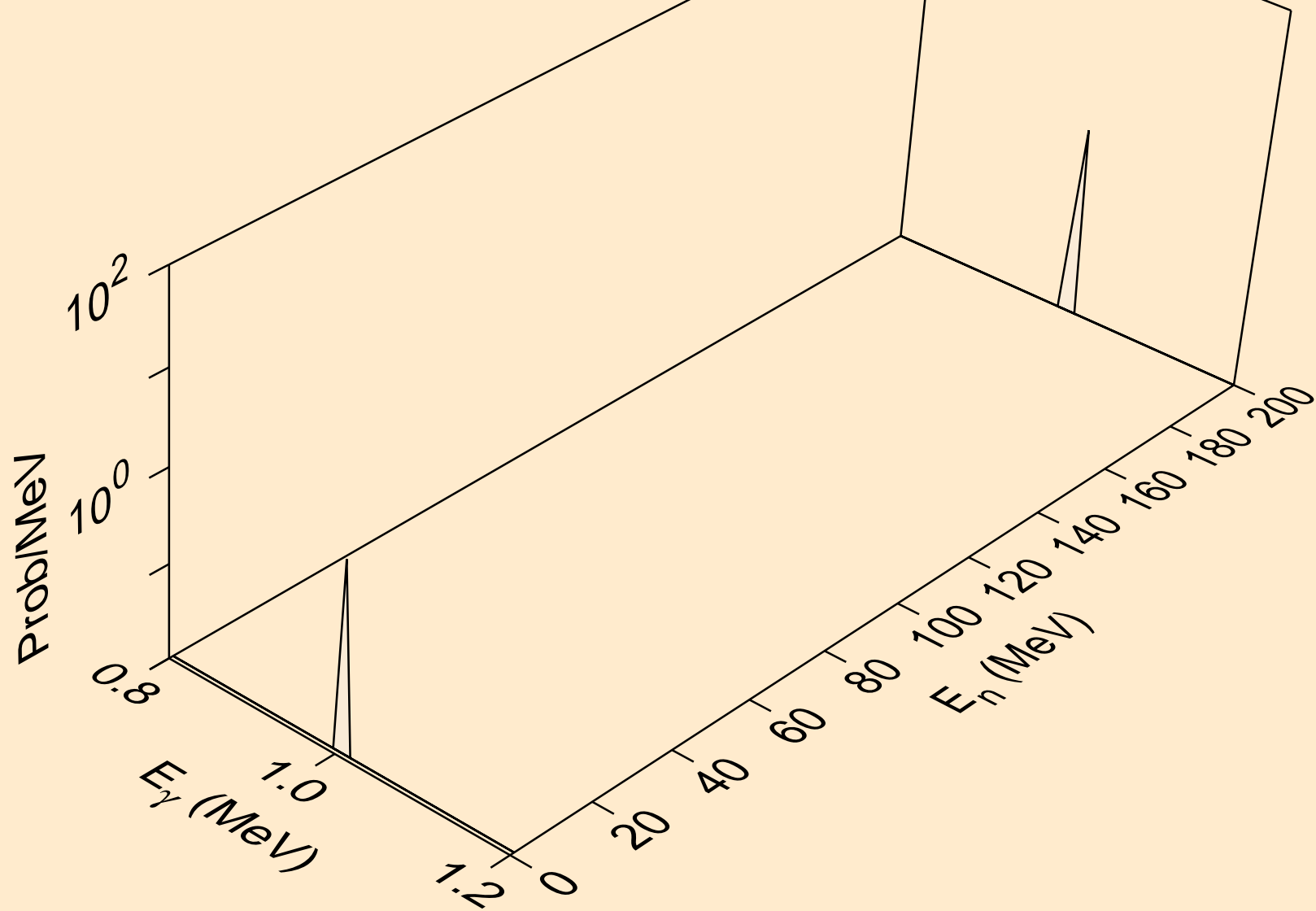


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*5)

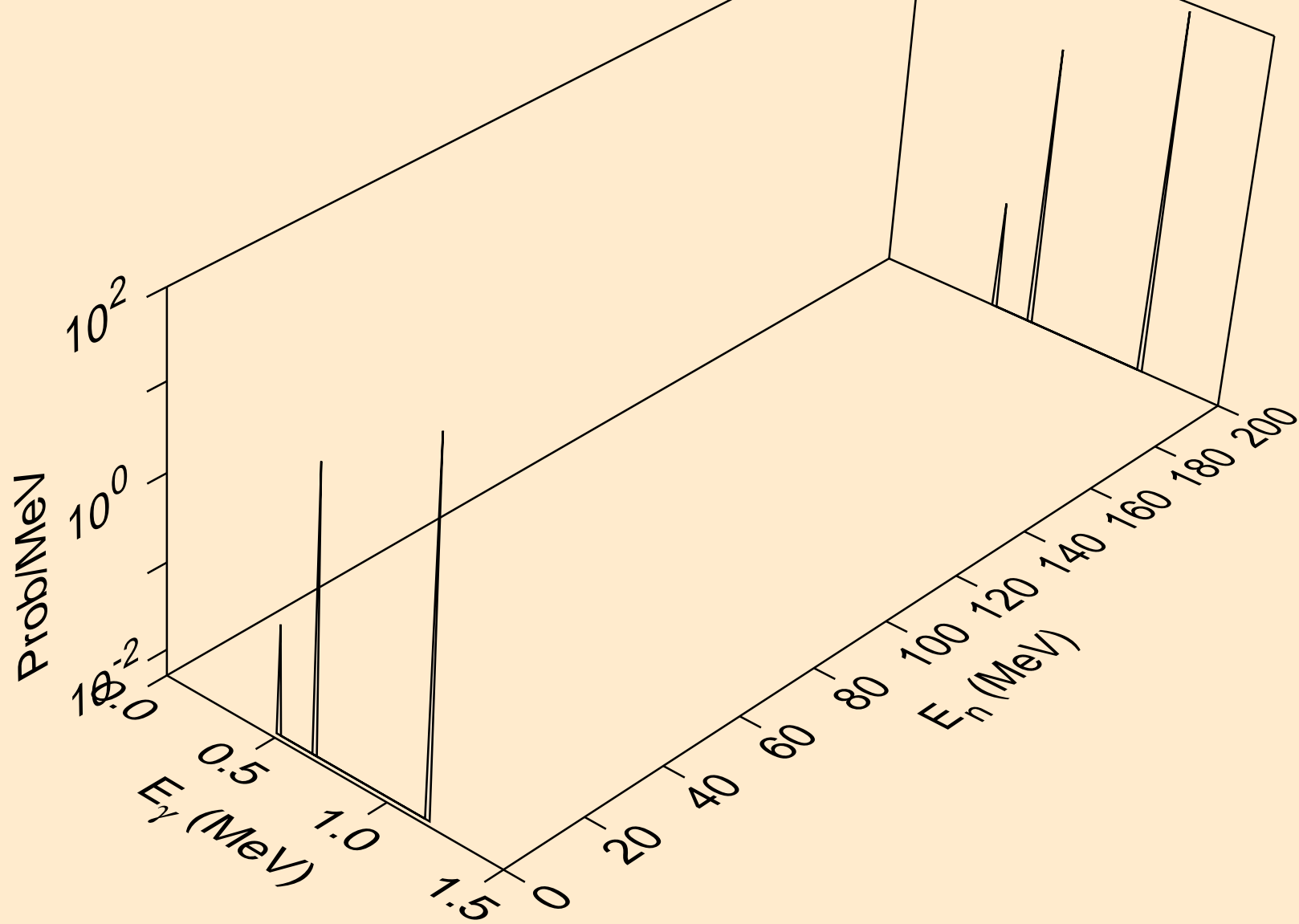




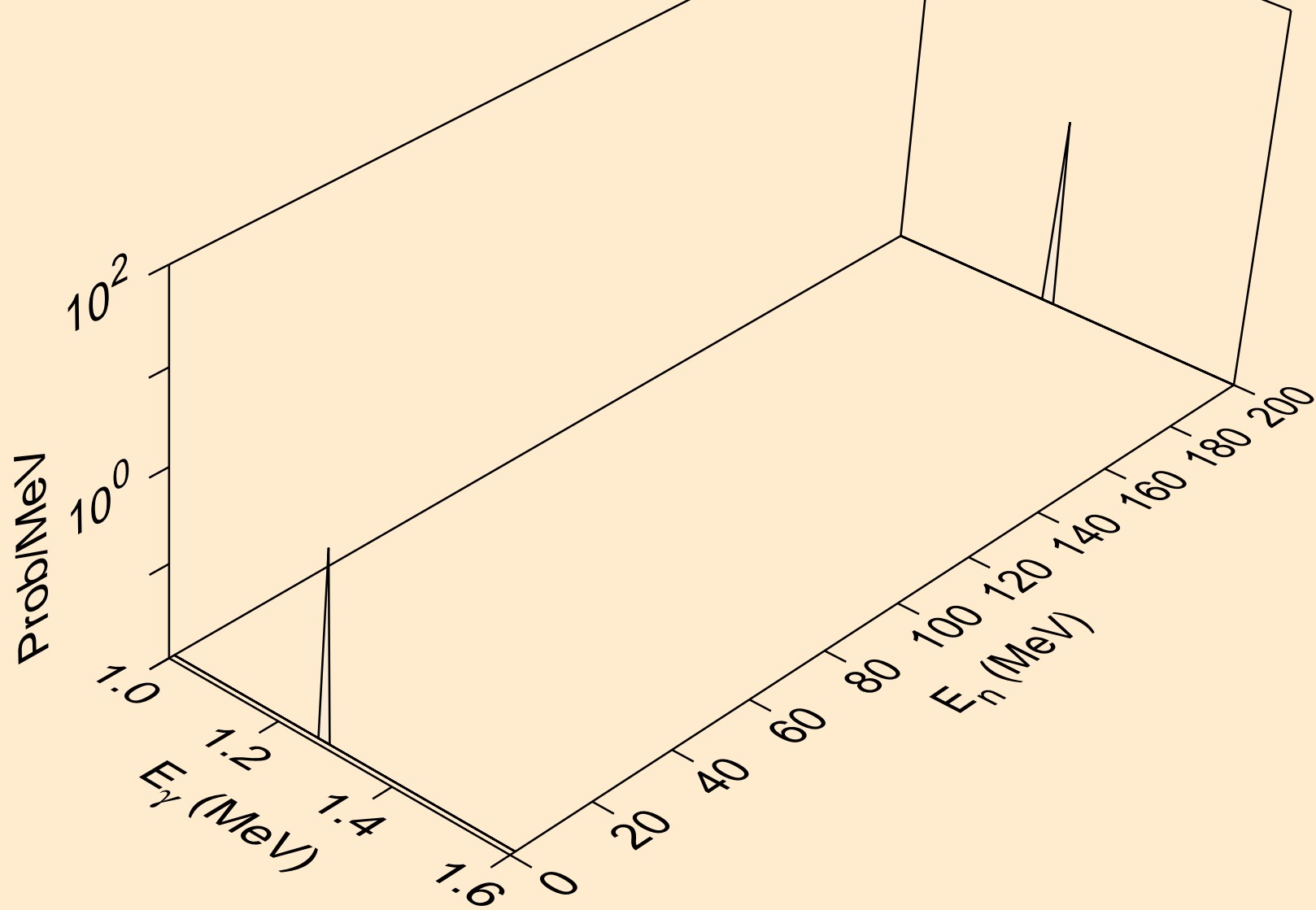
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*6)



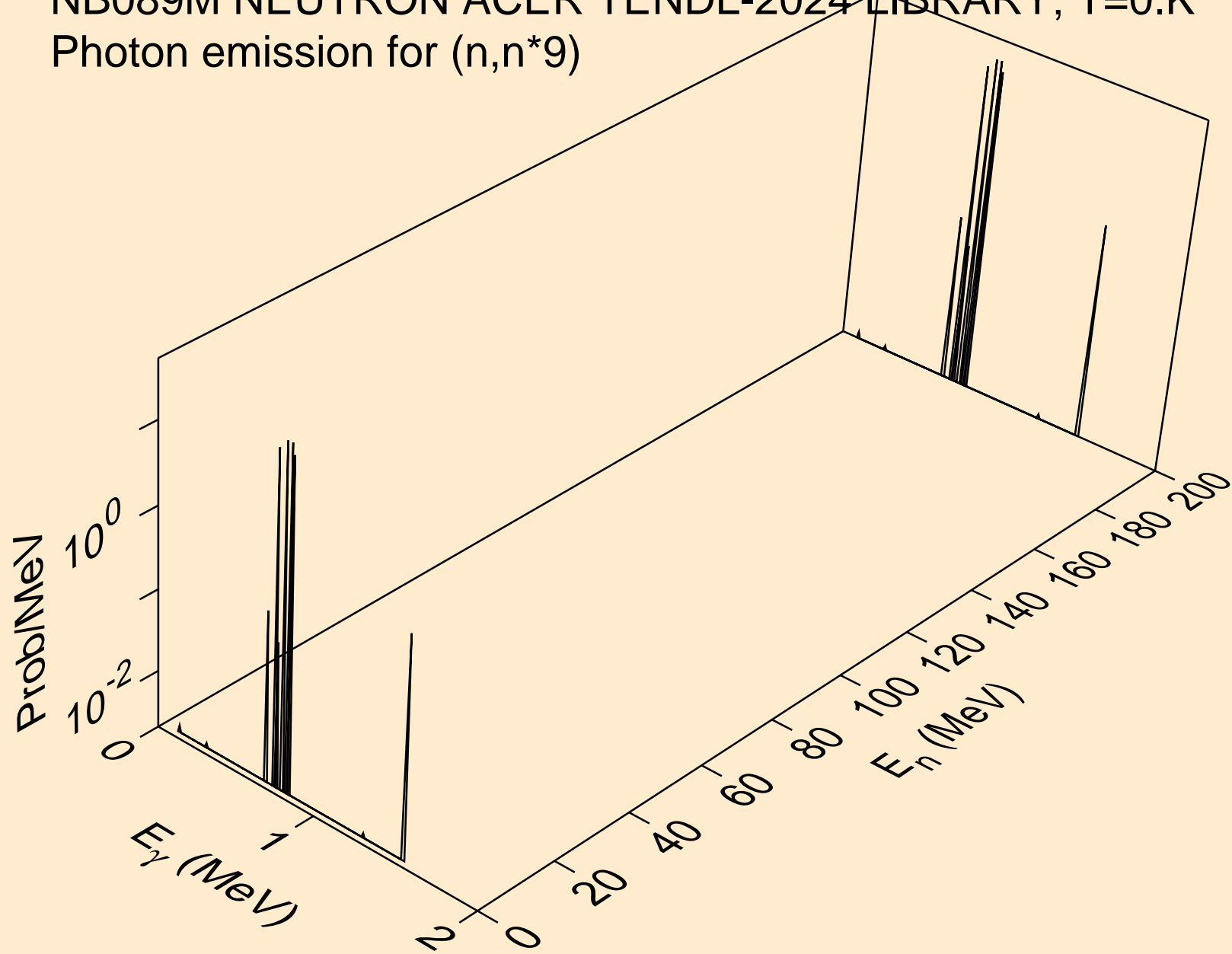
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*7)



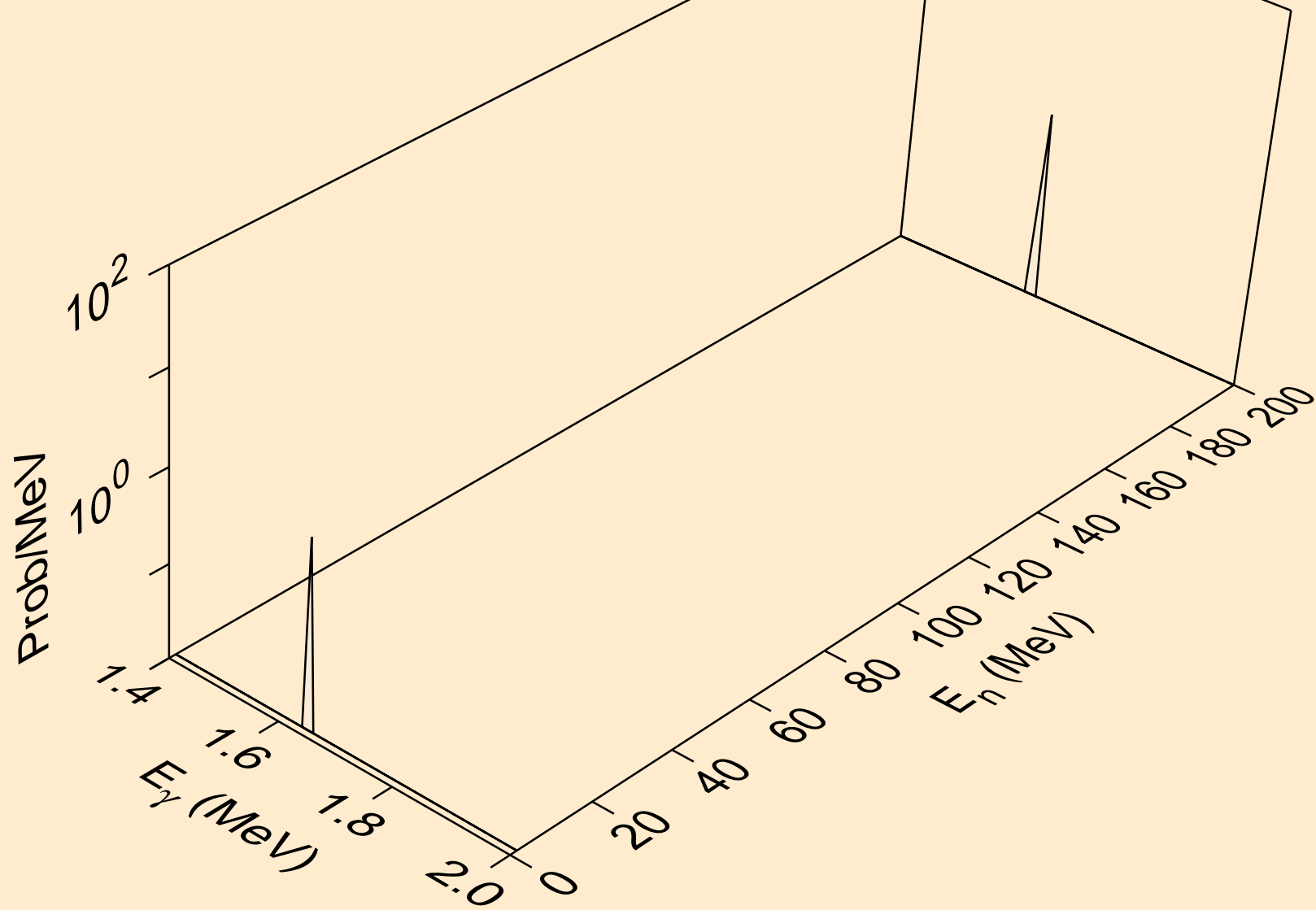
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*8)



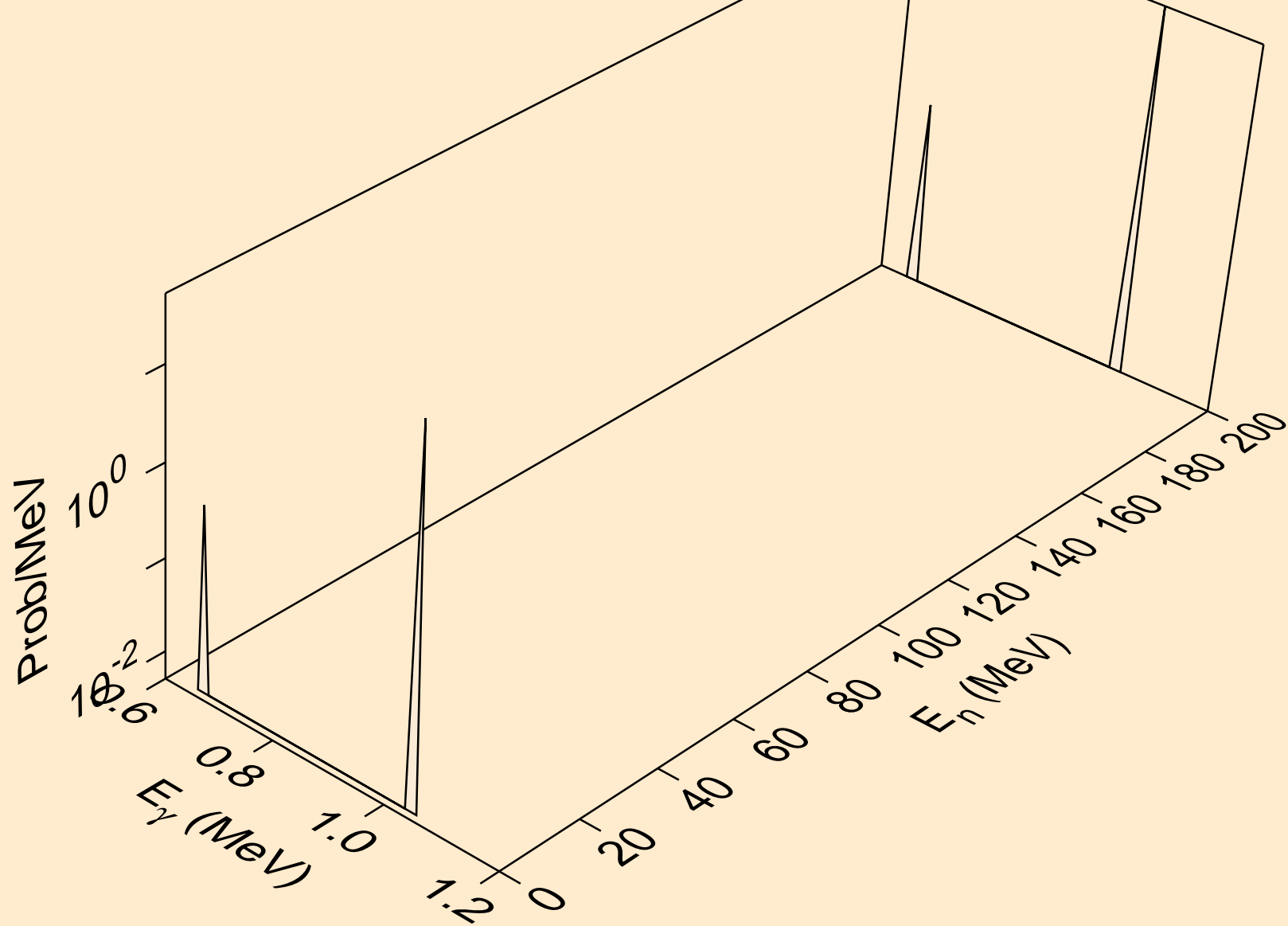
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*9)



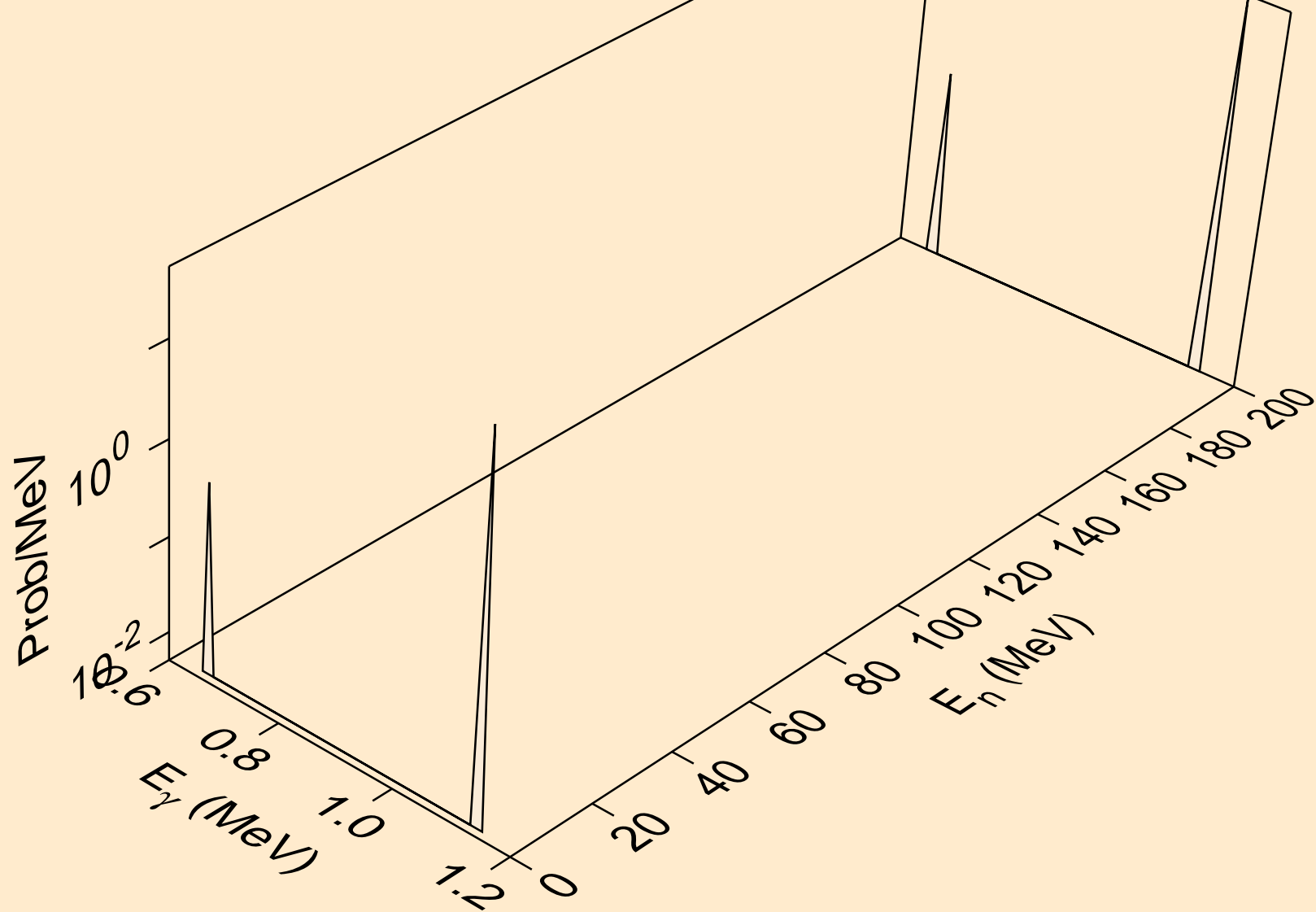
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*10)



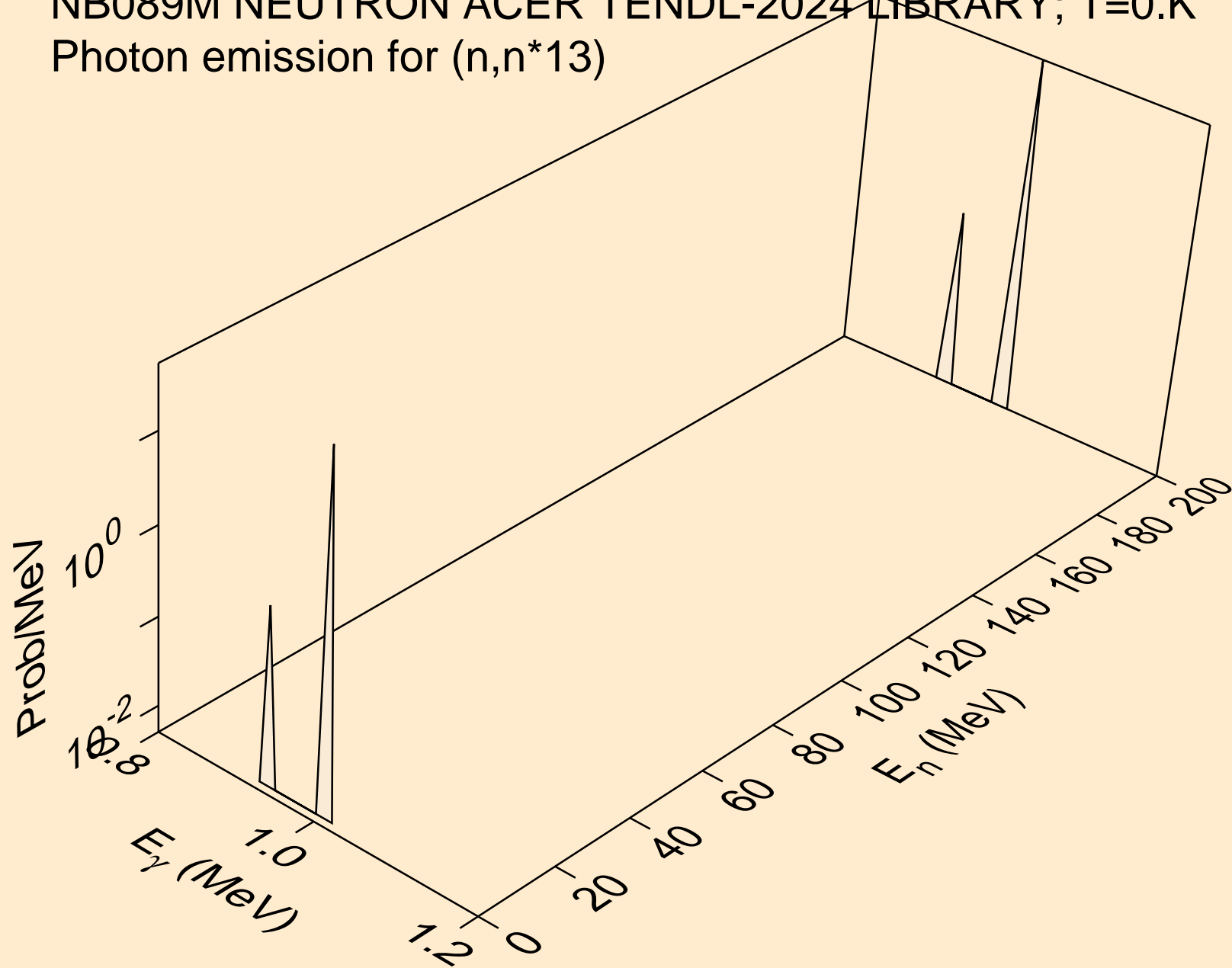
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*11)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*12)

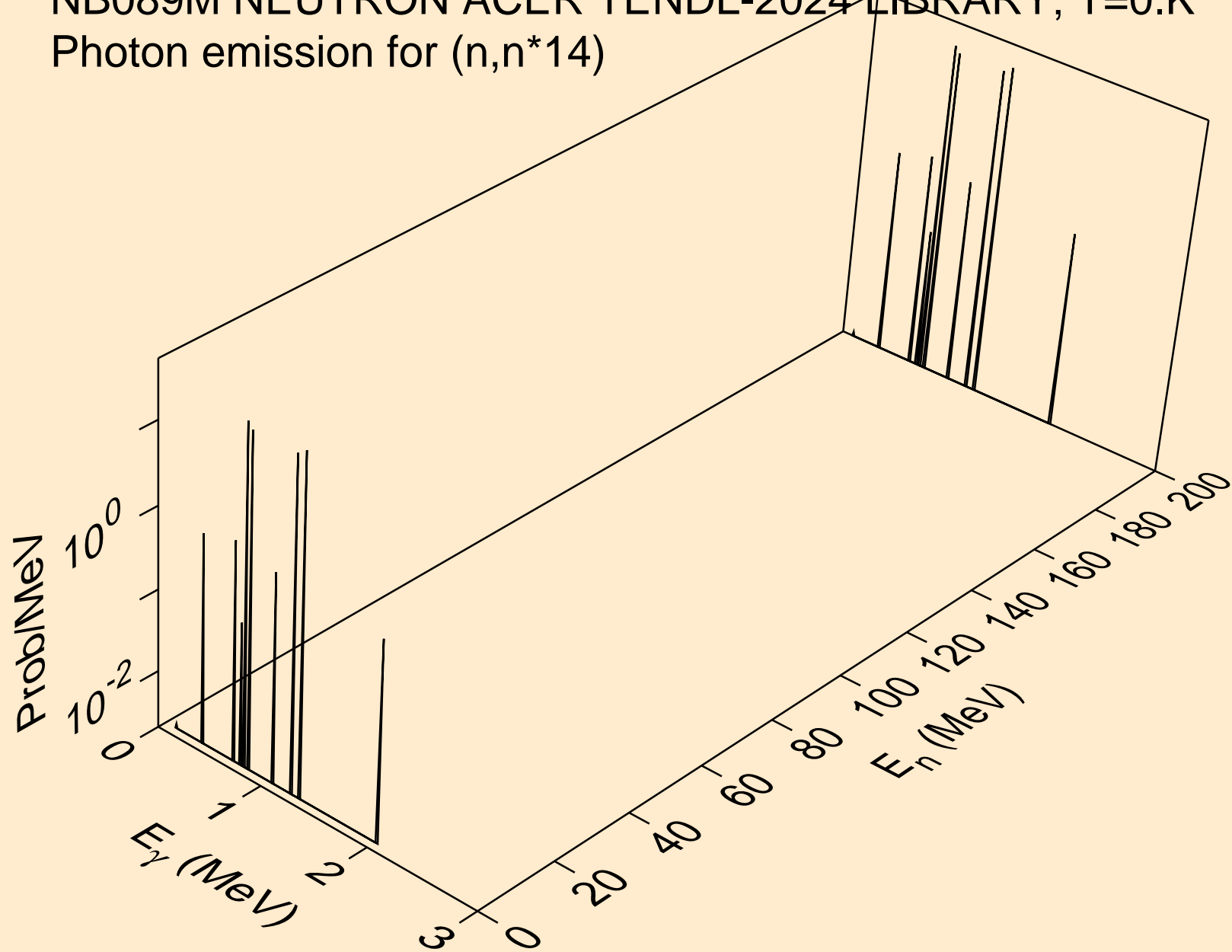


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*13)

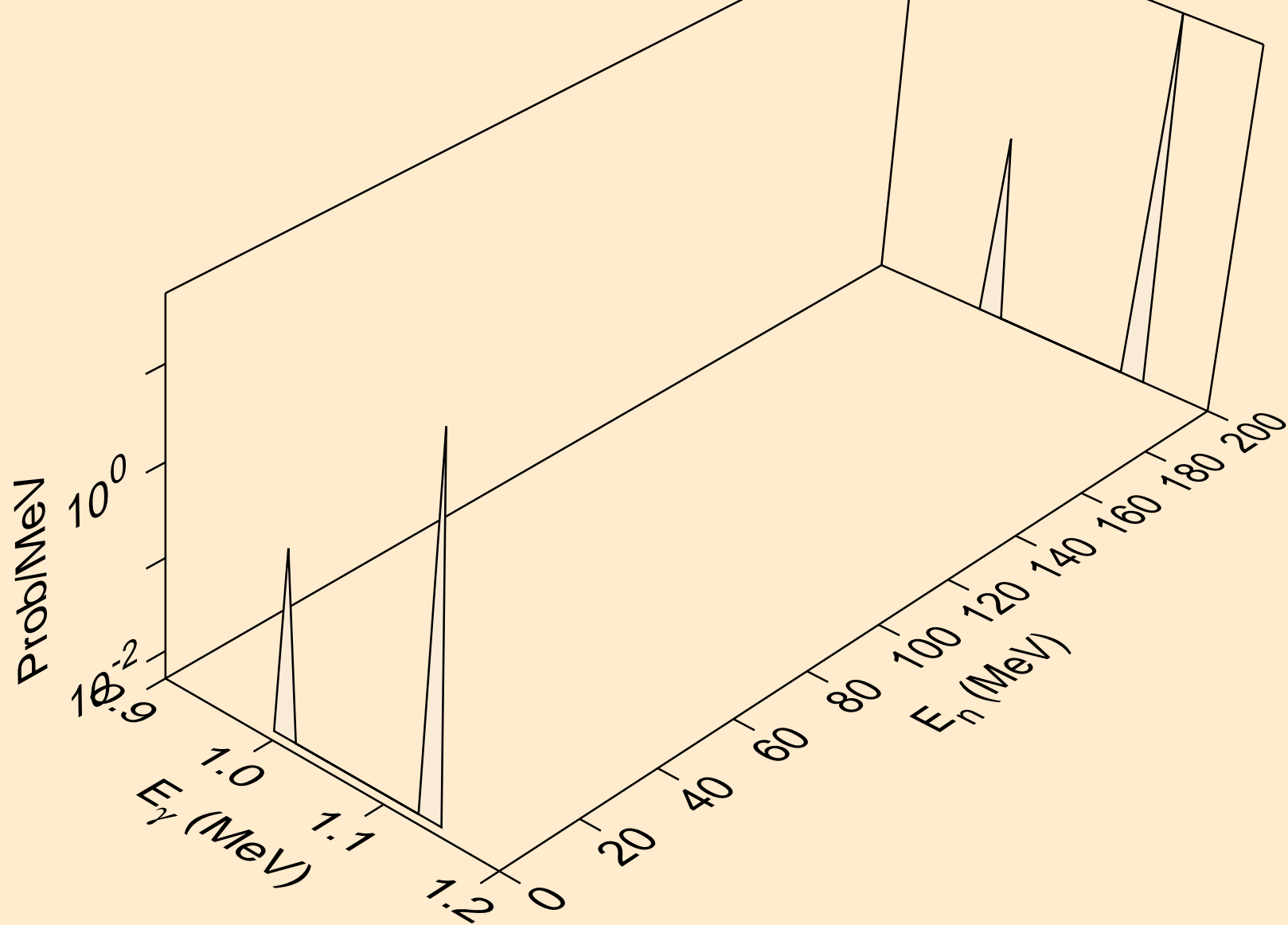




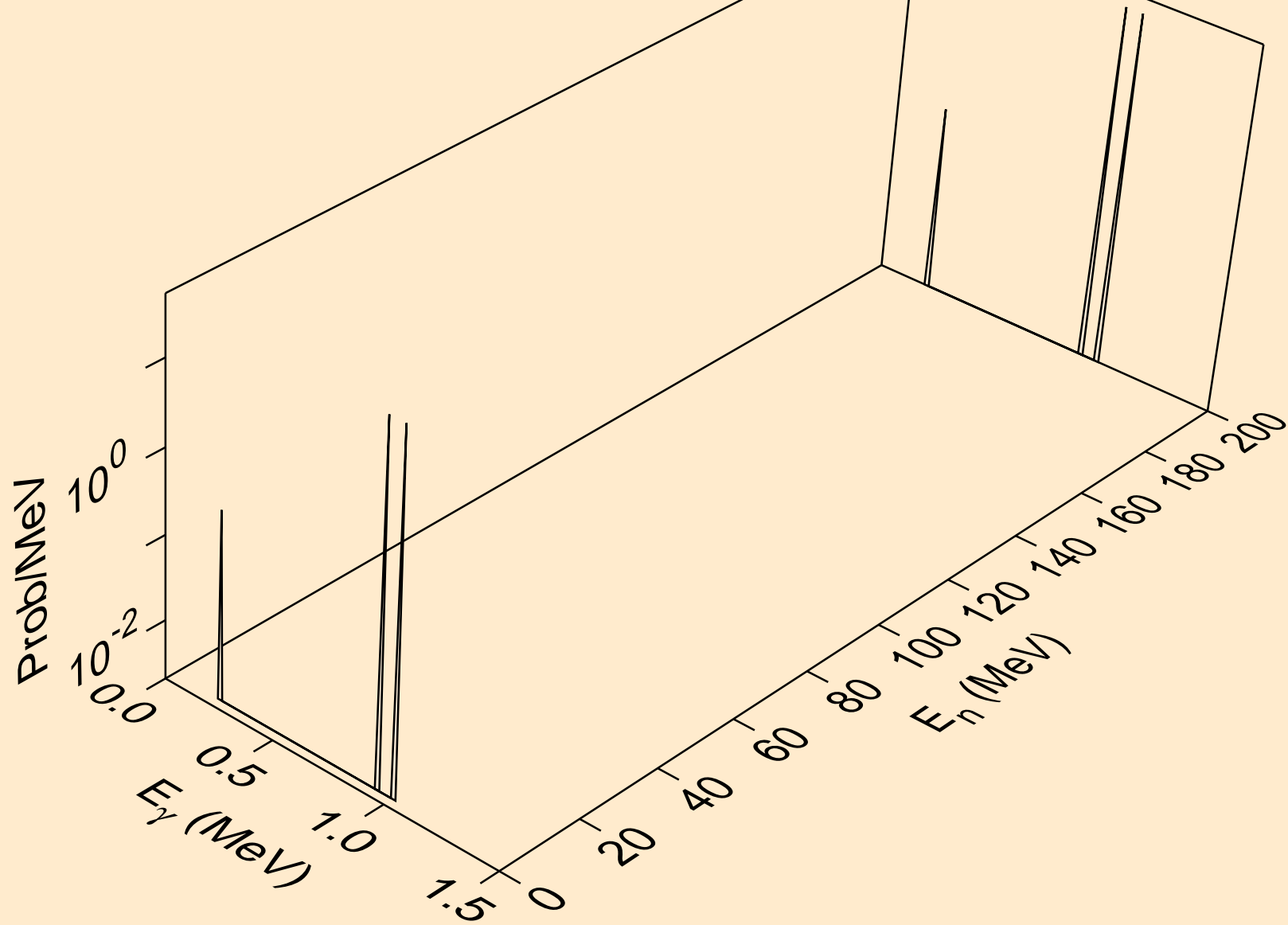
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*14)



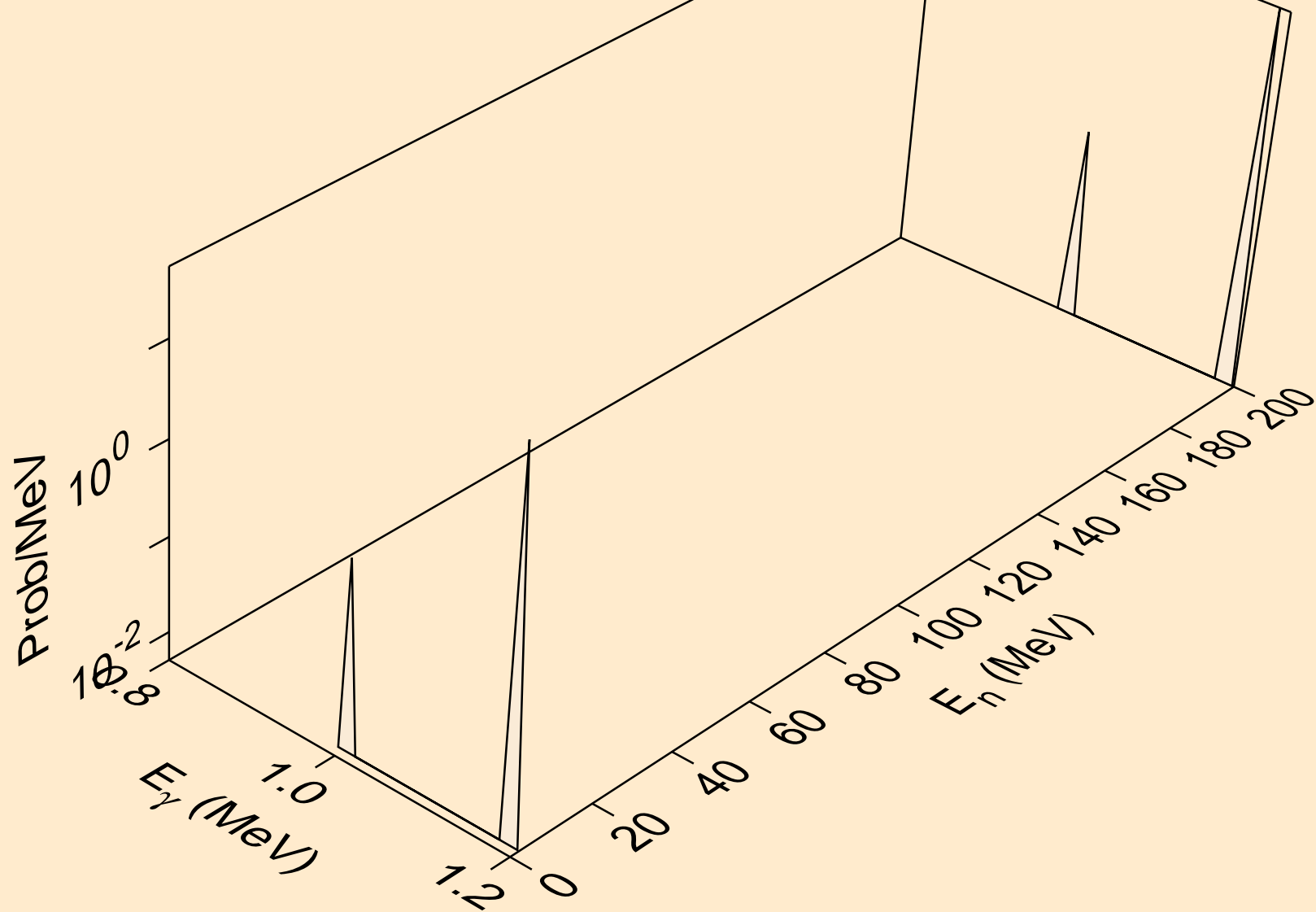
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*15)



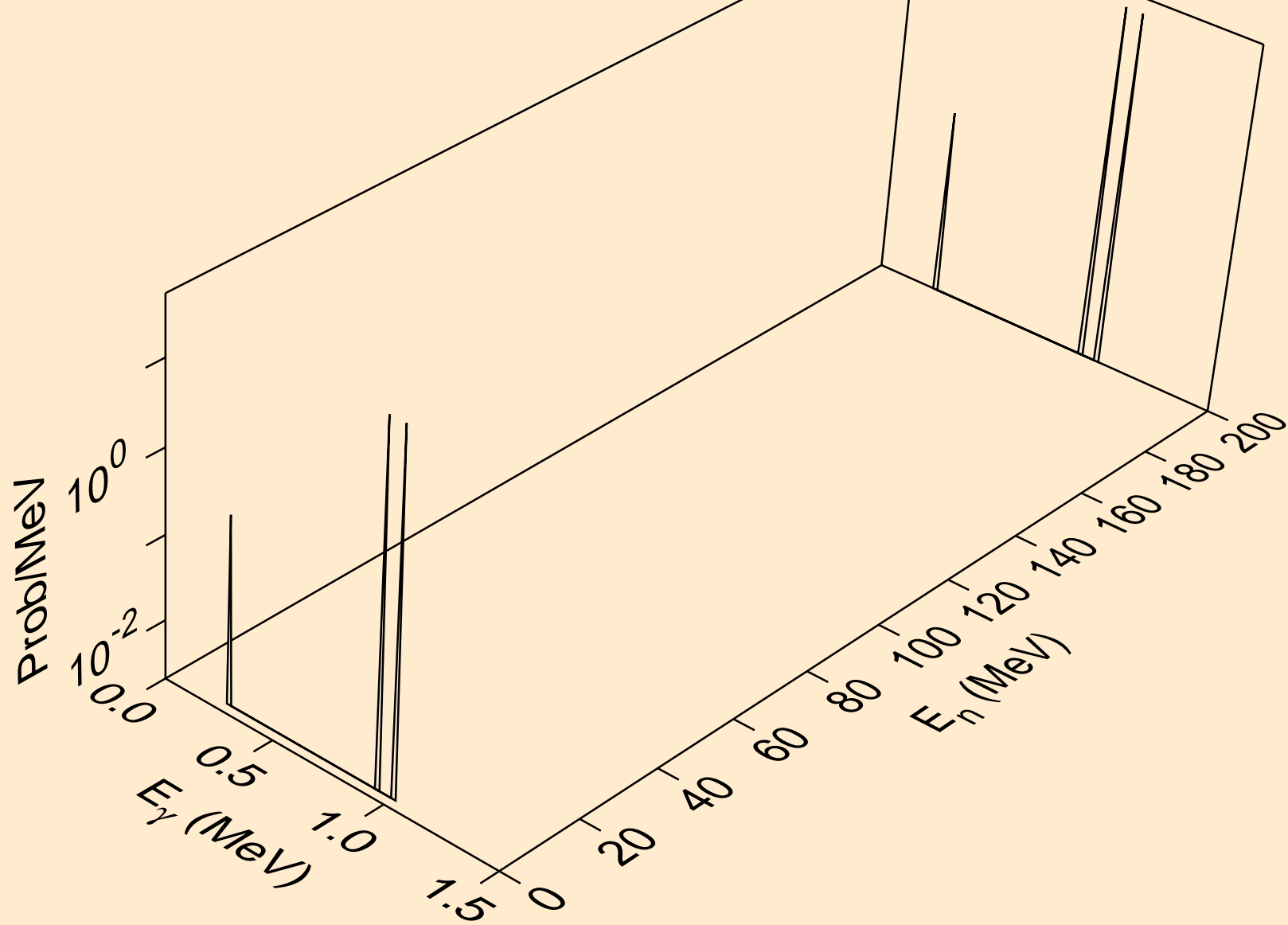
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*16)



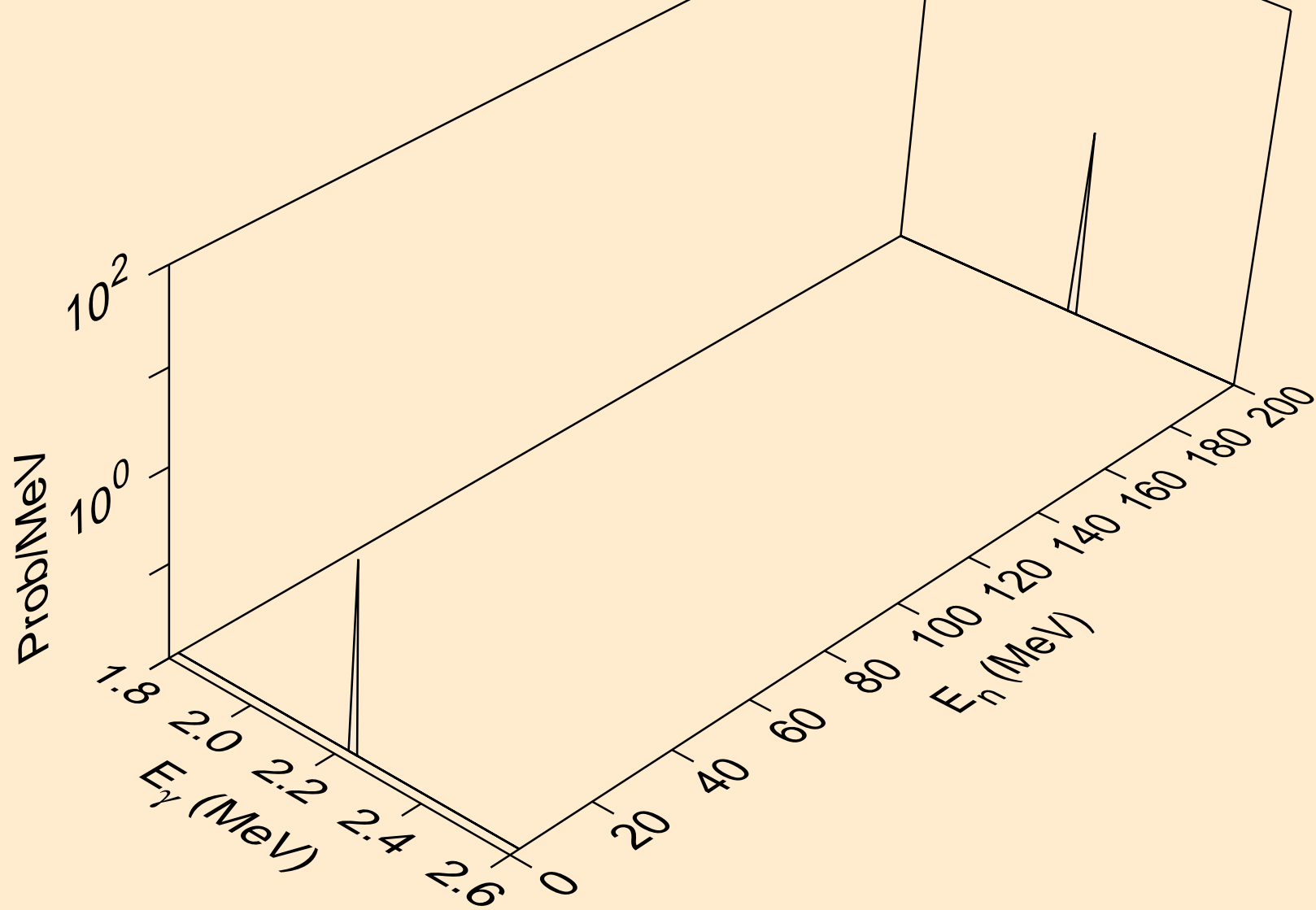
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*17)



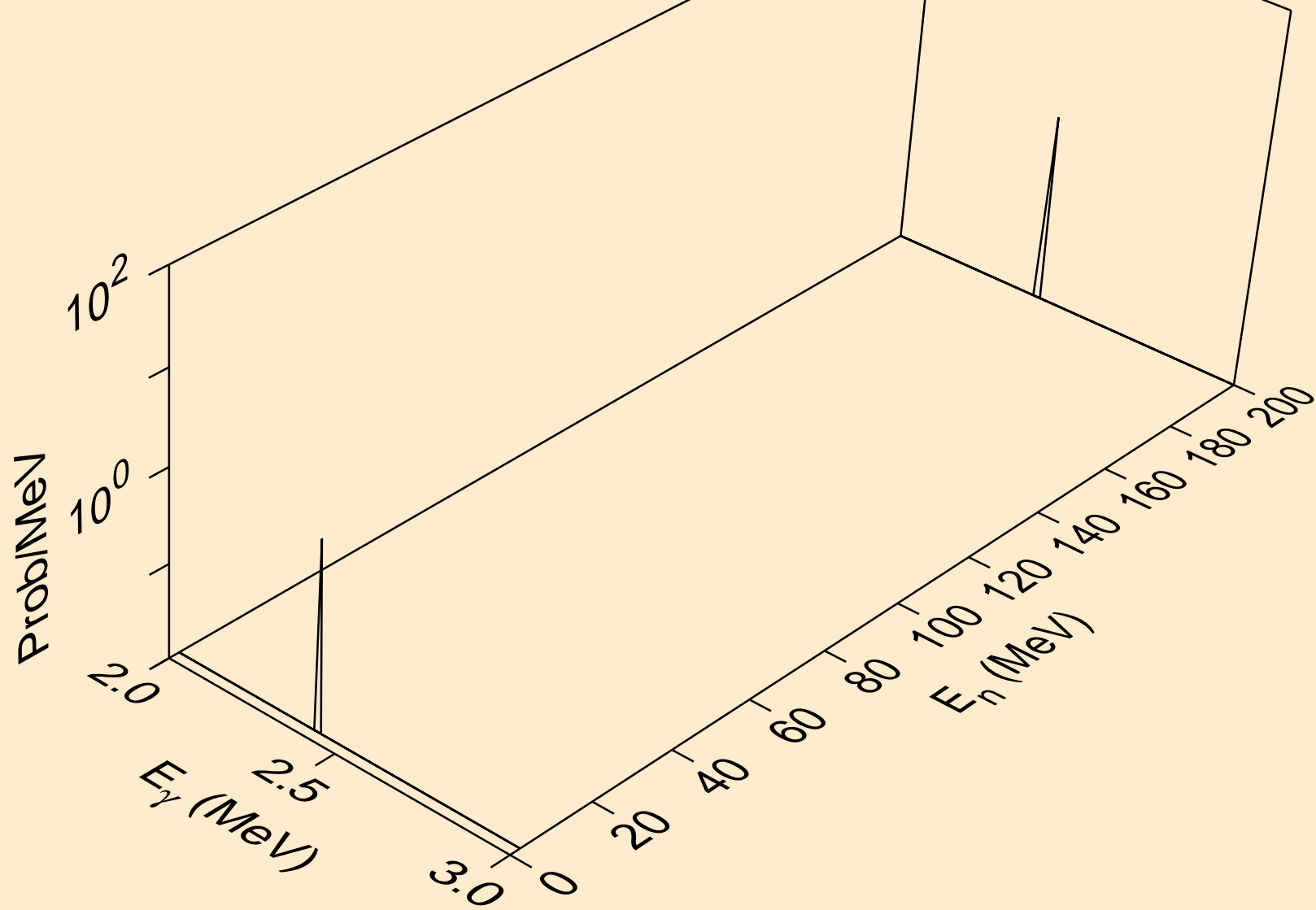
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*18)



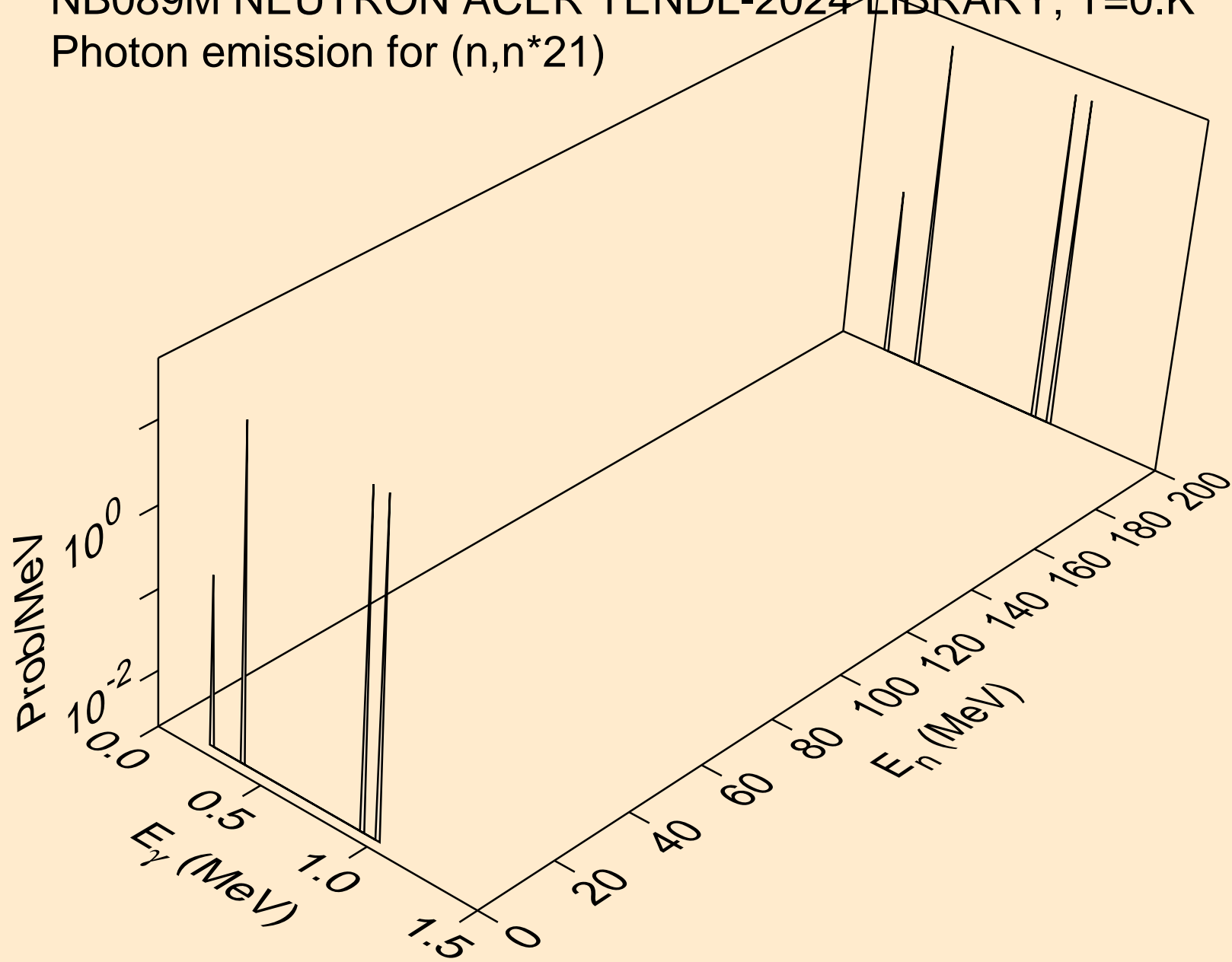
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*19)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*20)

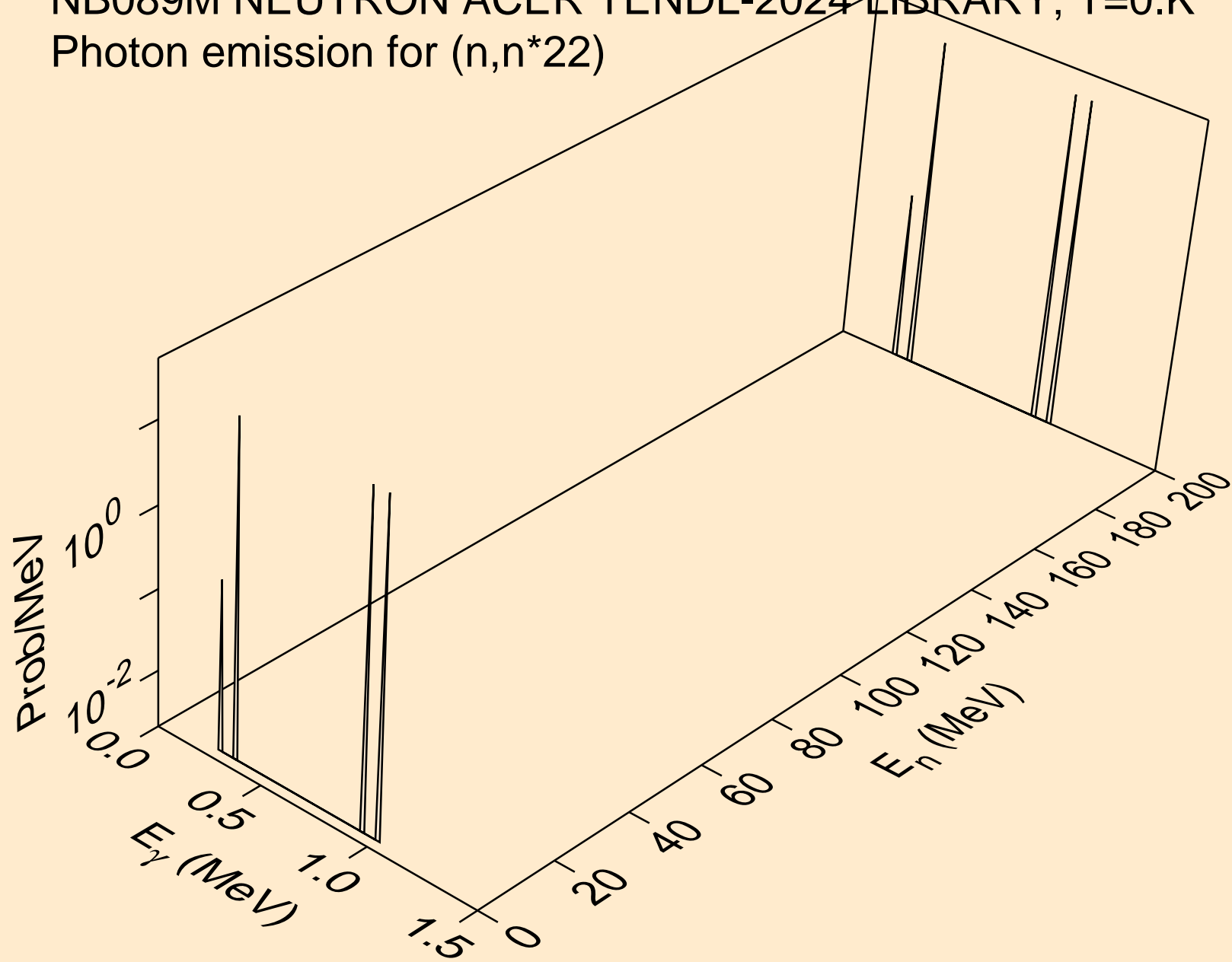


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*21)

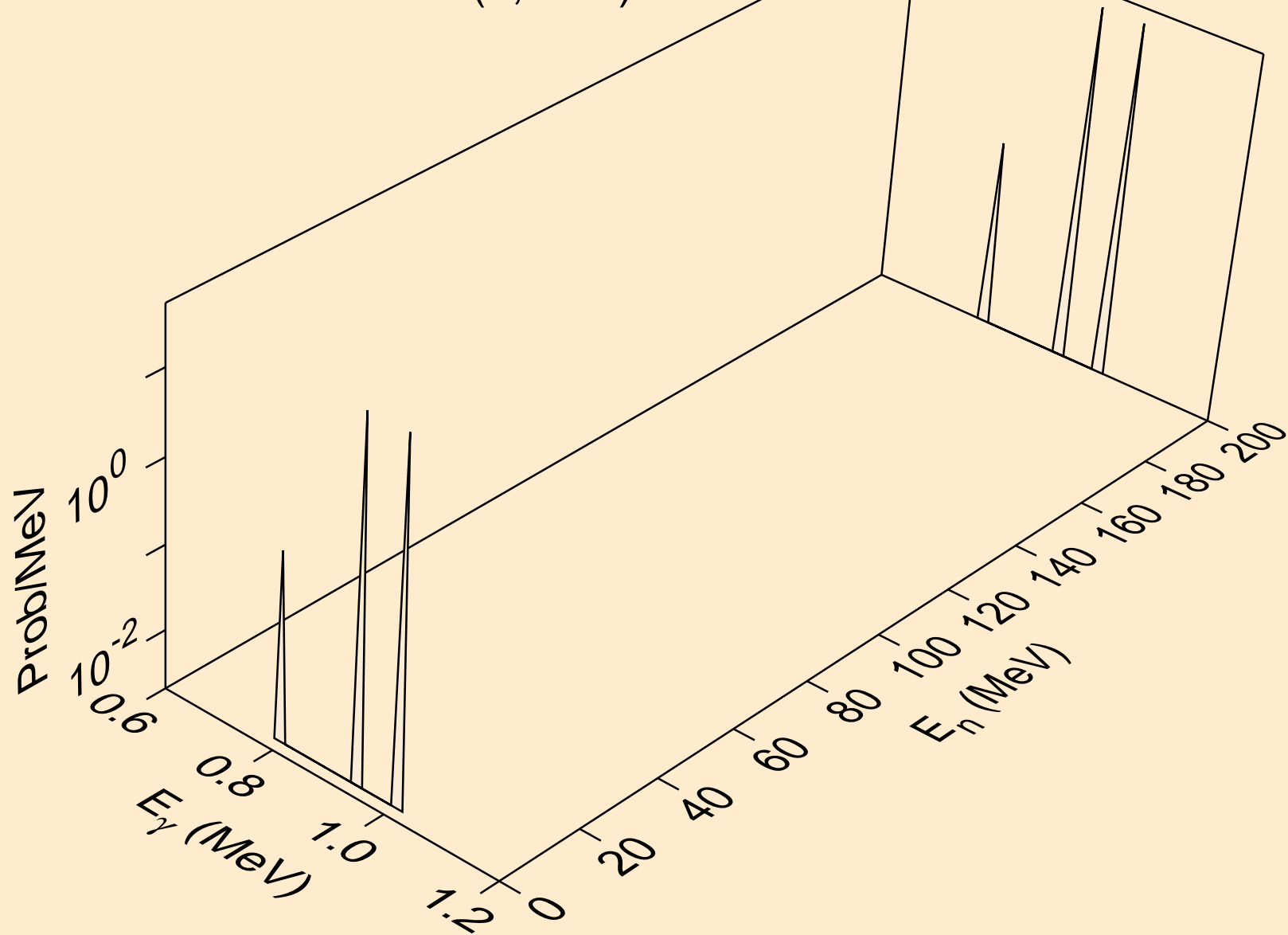




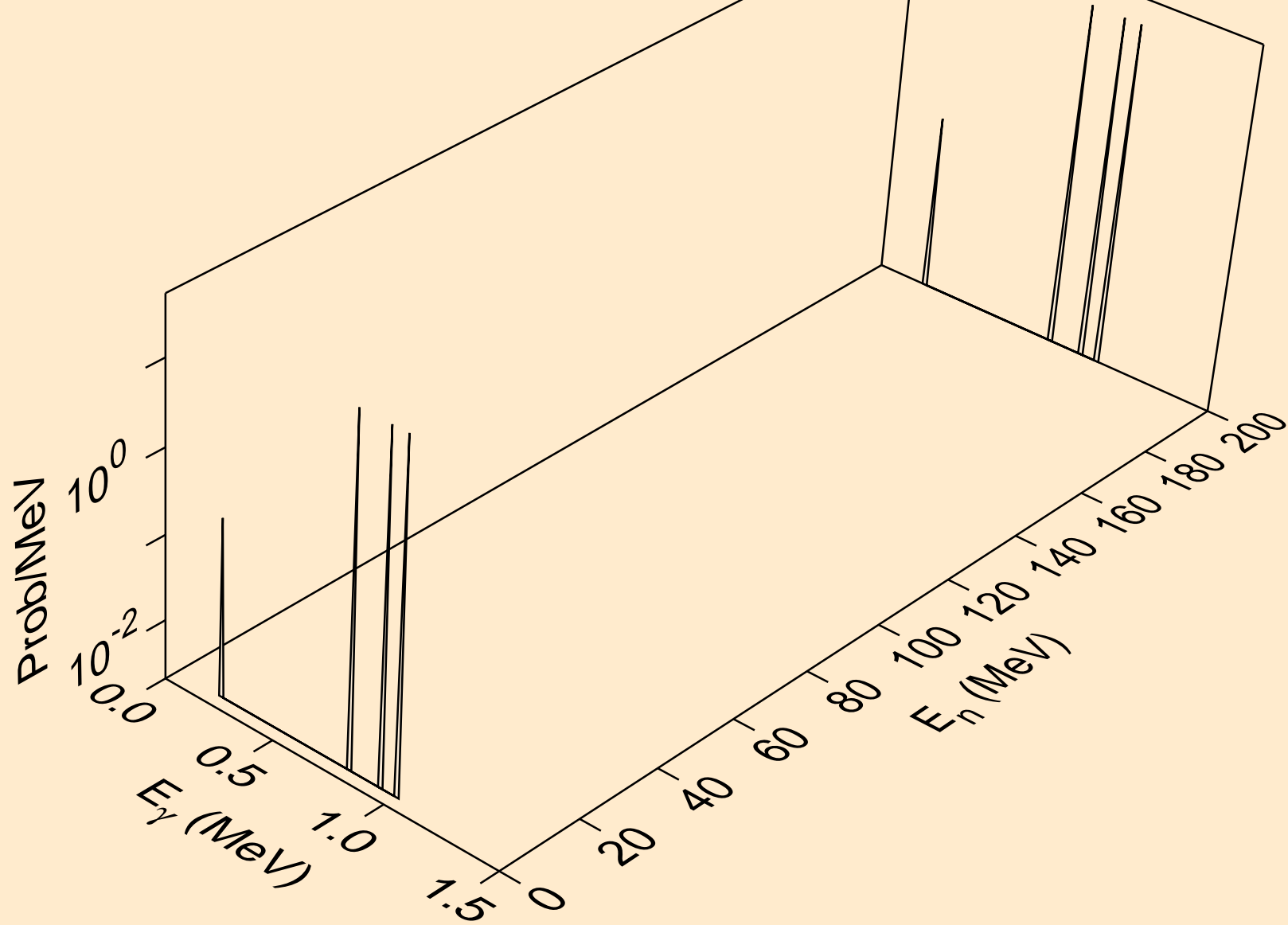
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*22)



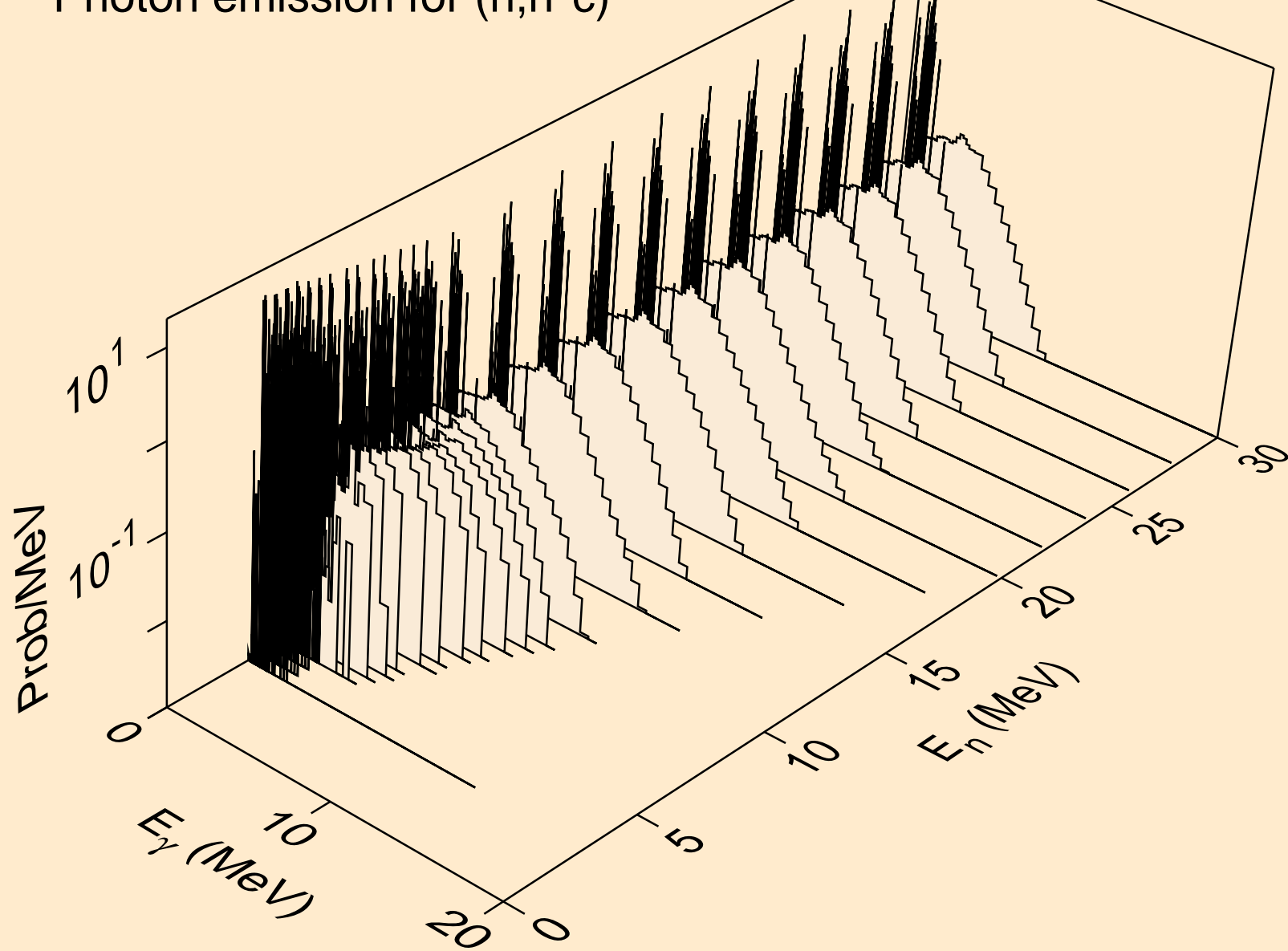
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*23)



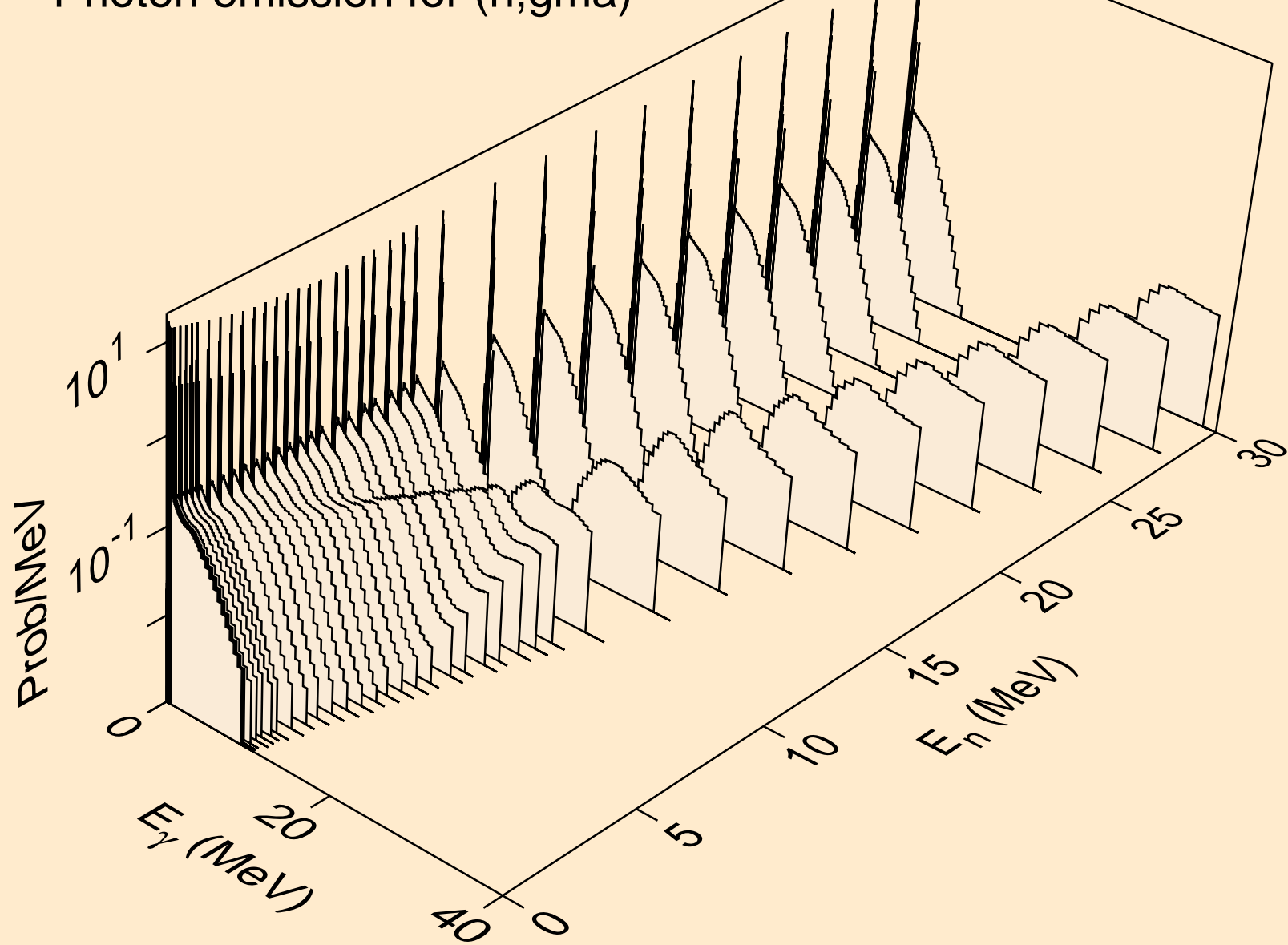
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*24)



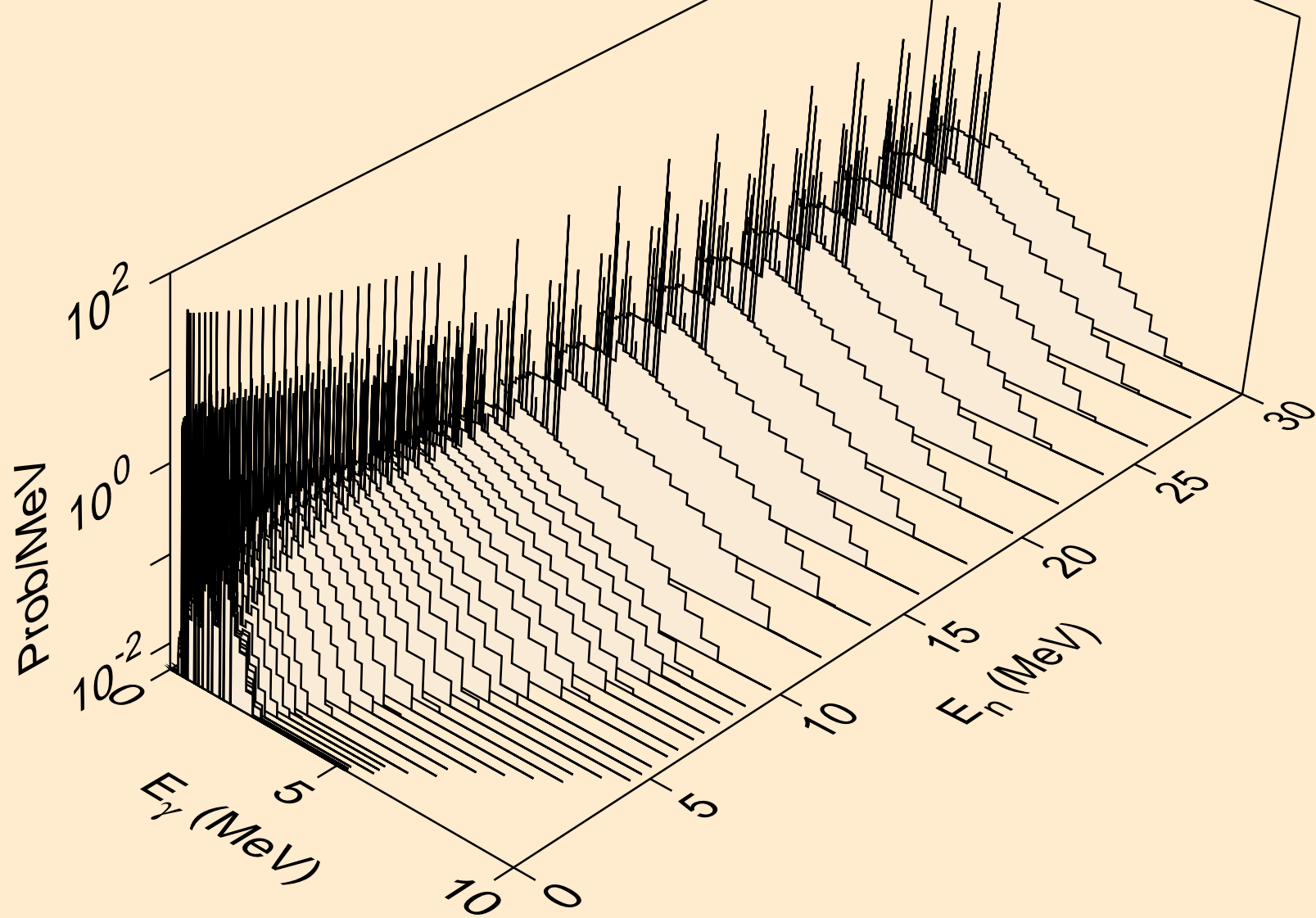
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



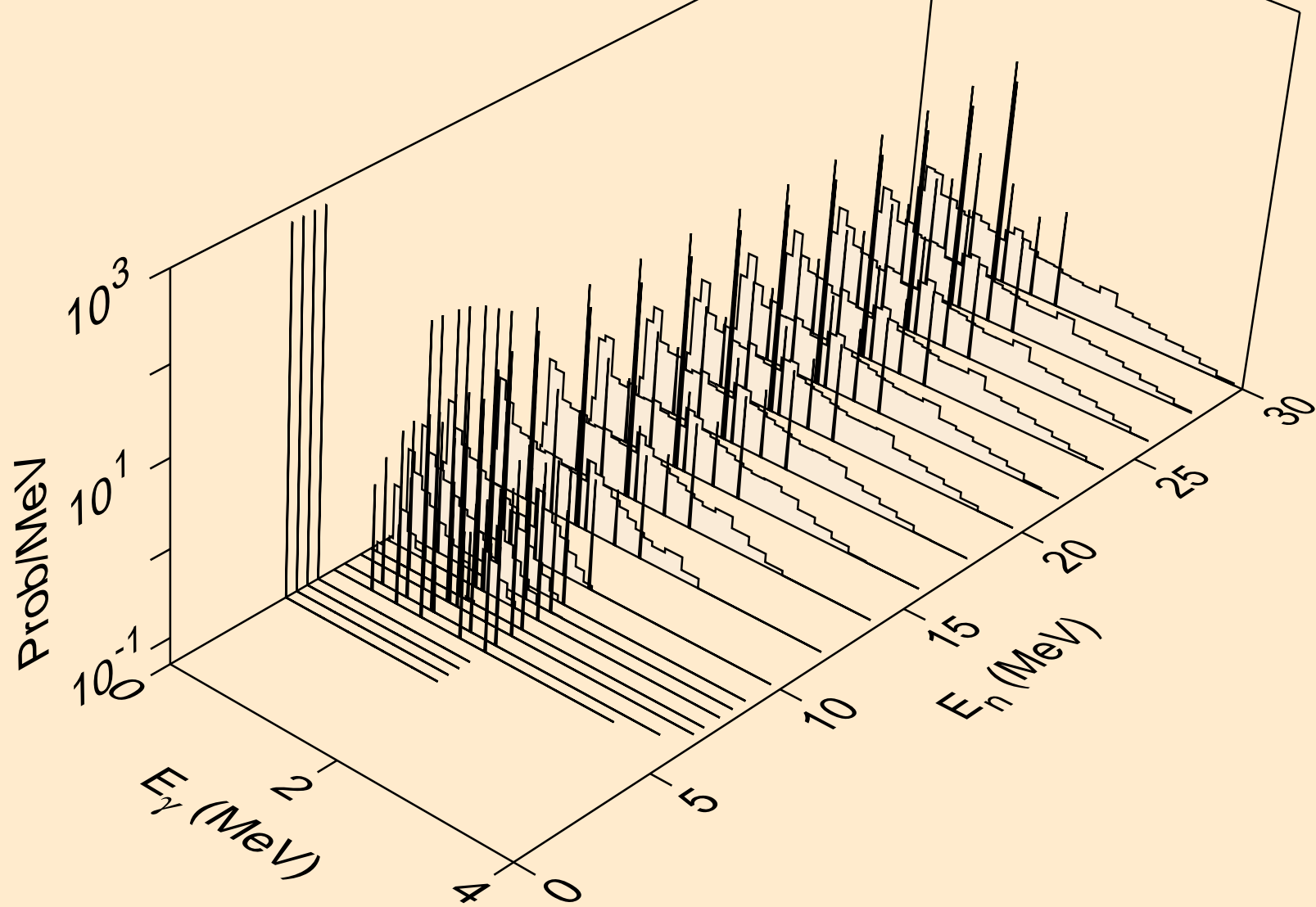
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



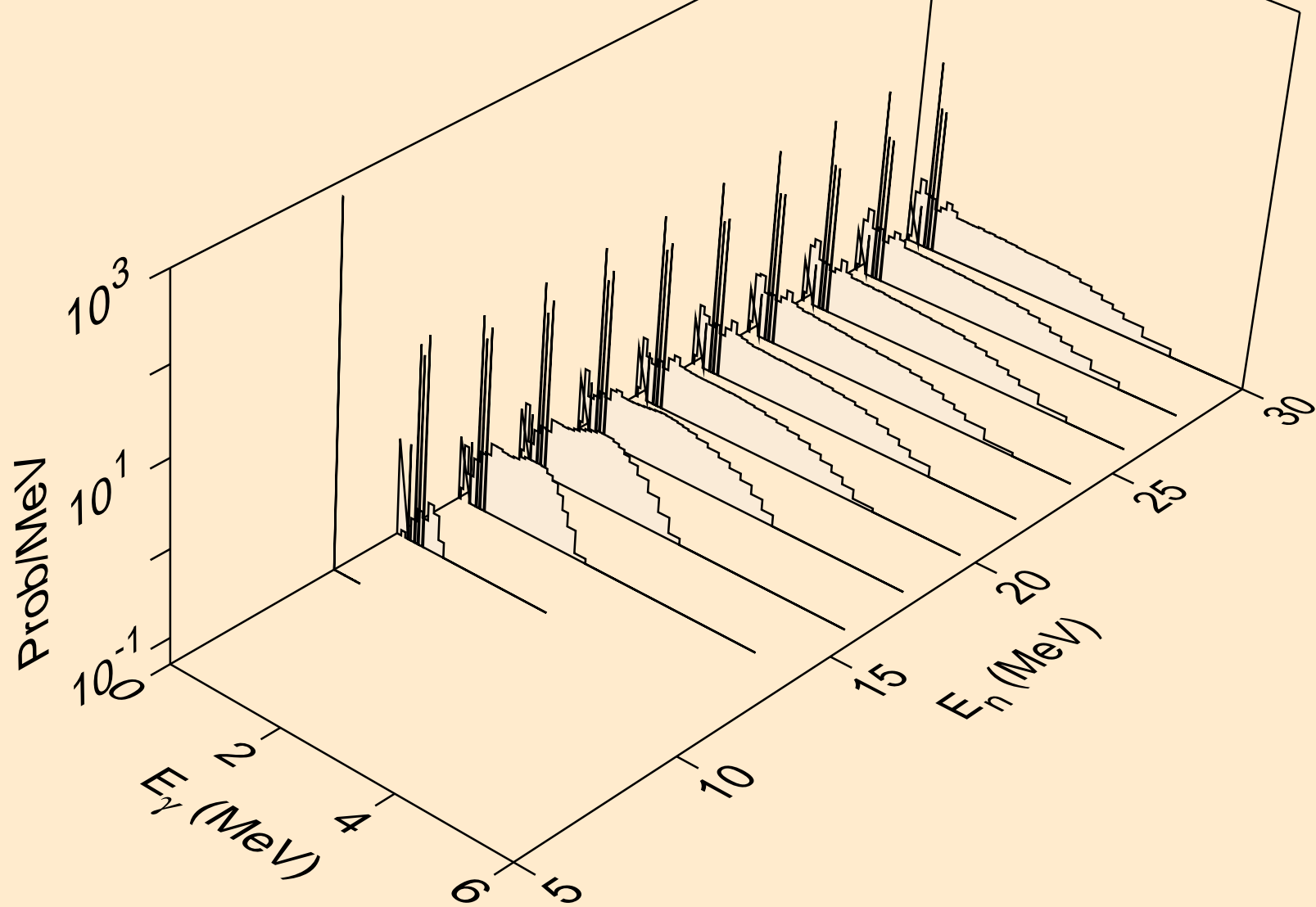
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

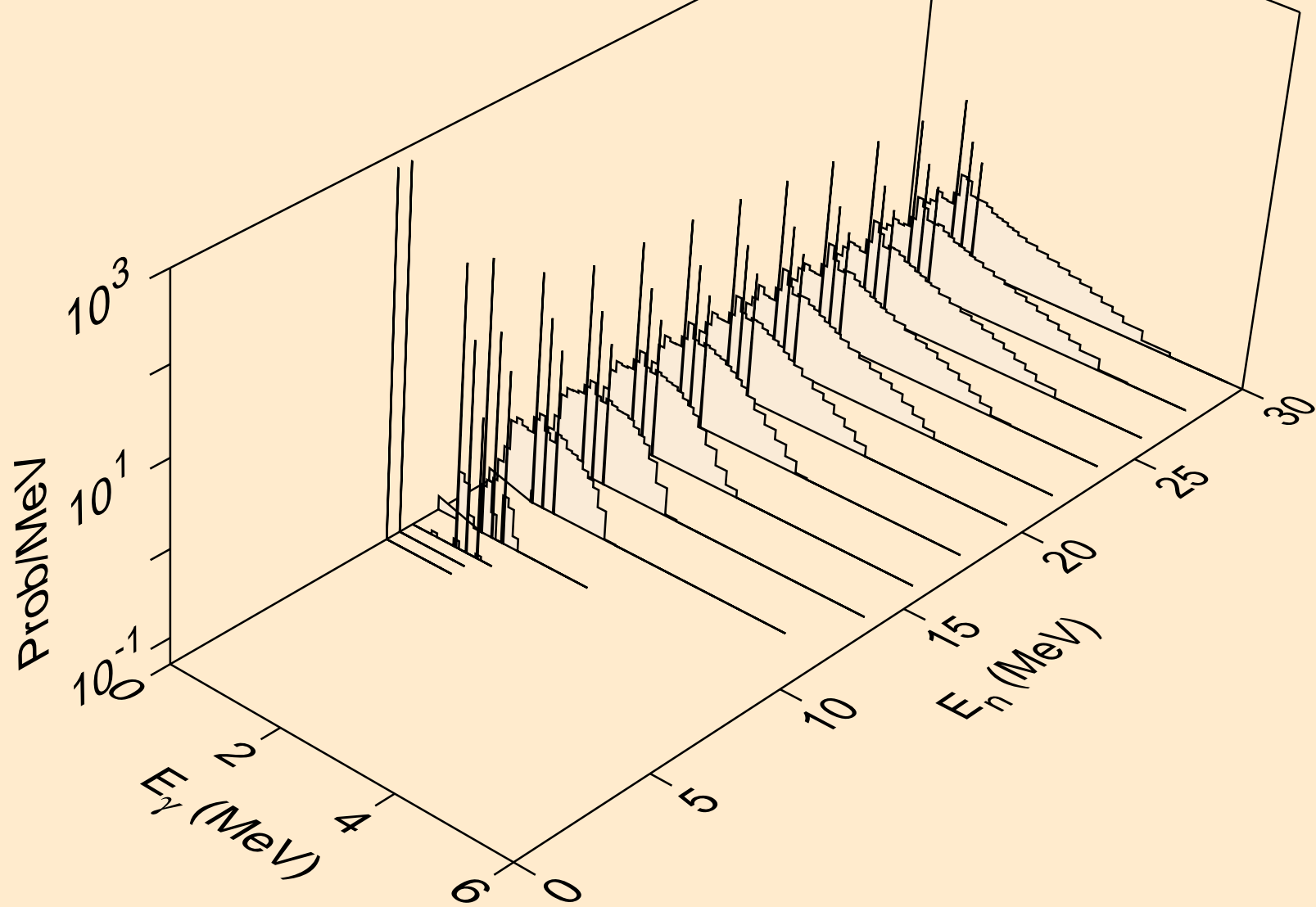


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

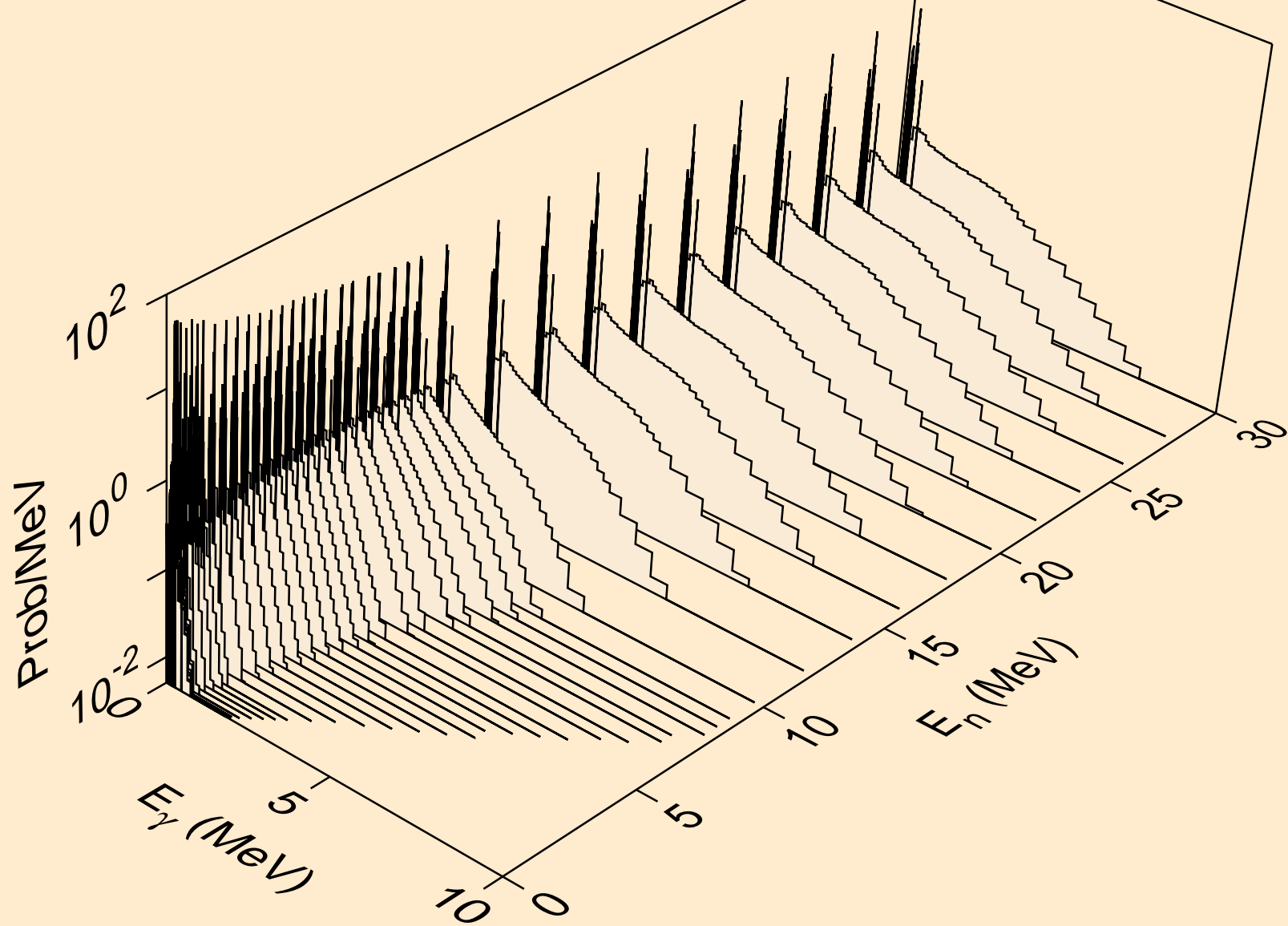




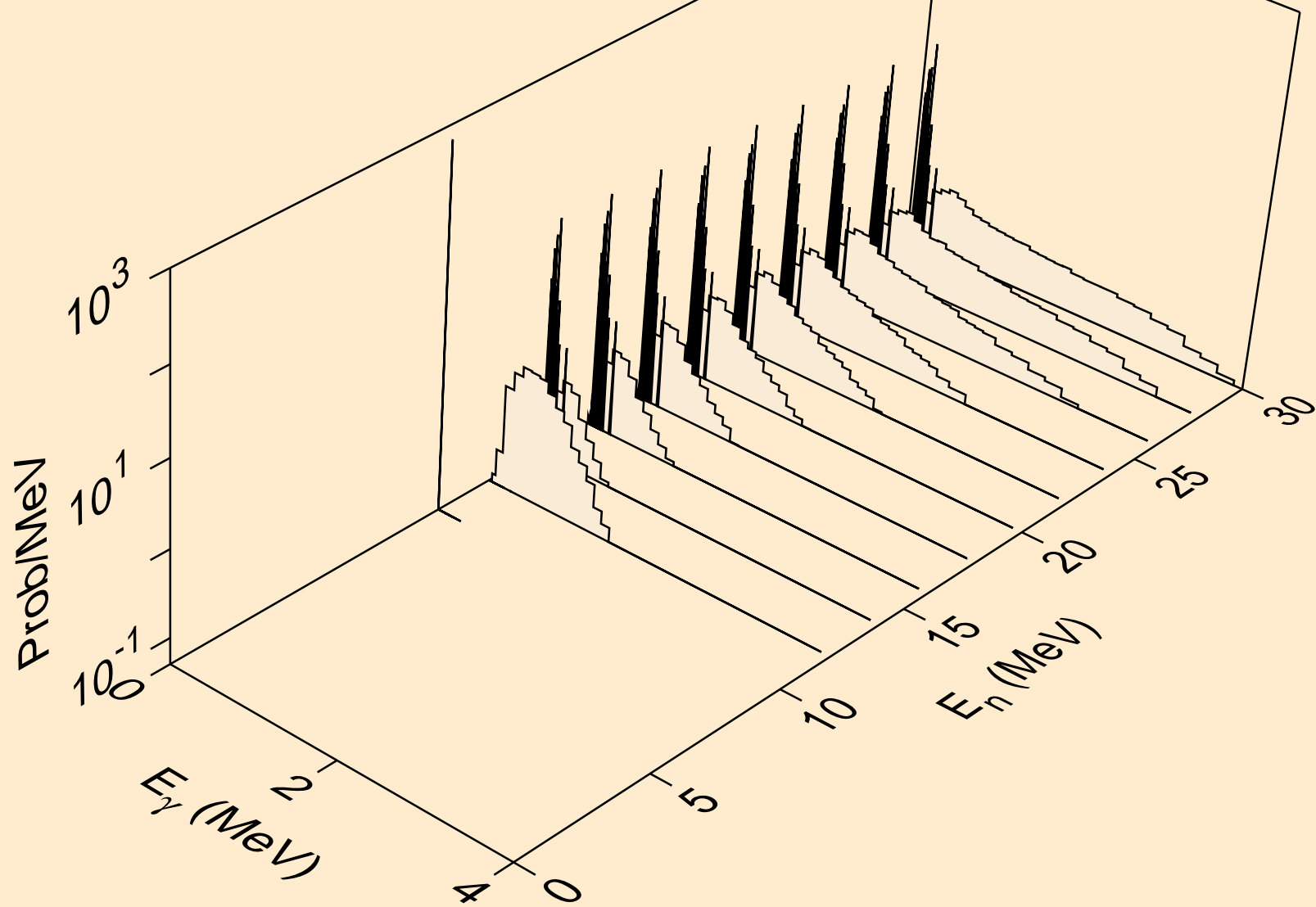
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



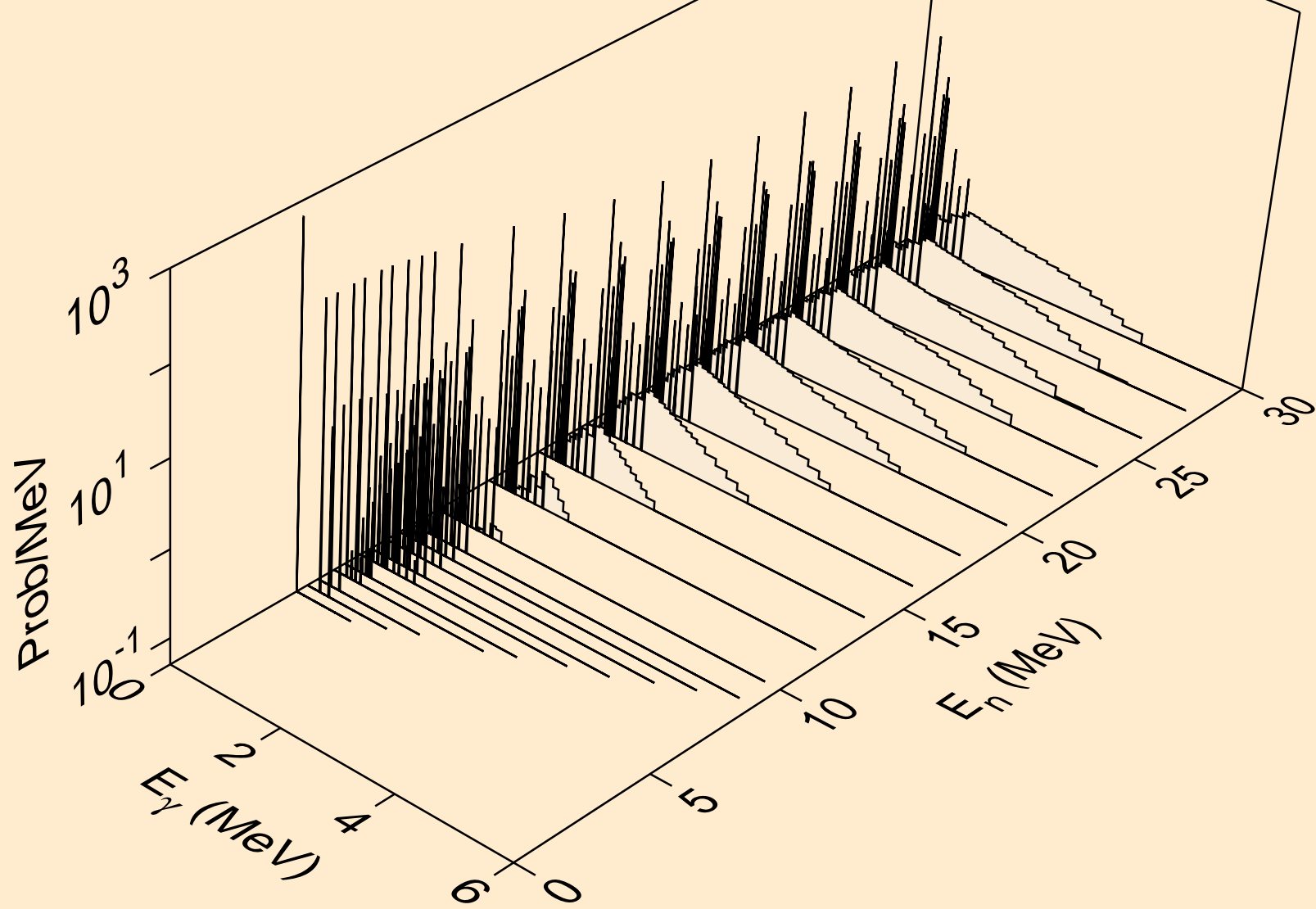
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



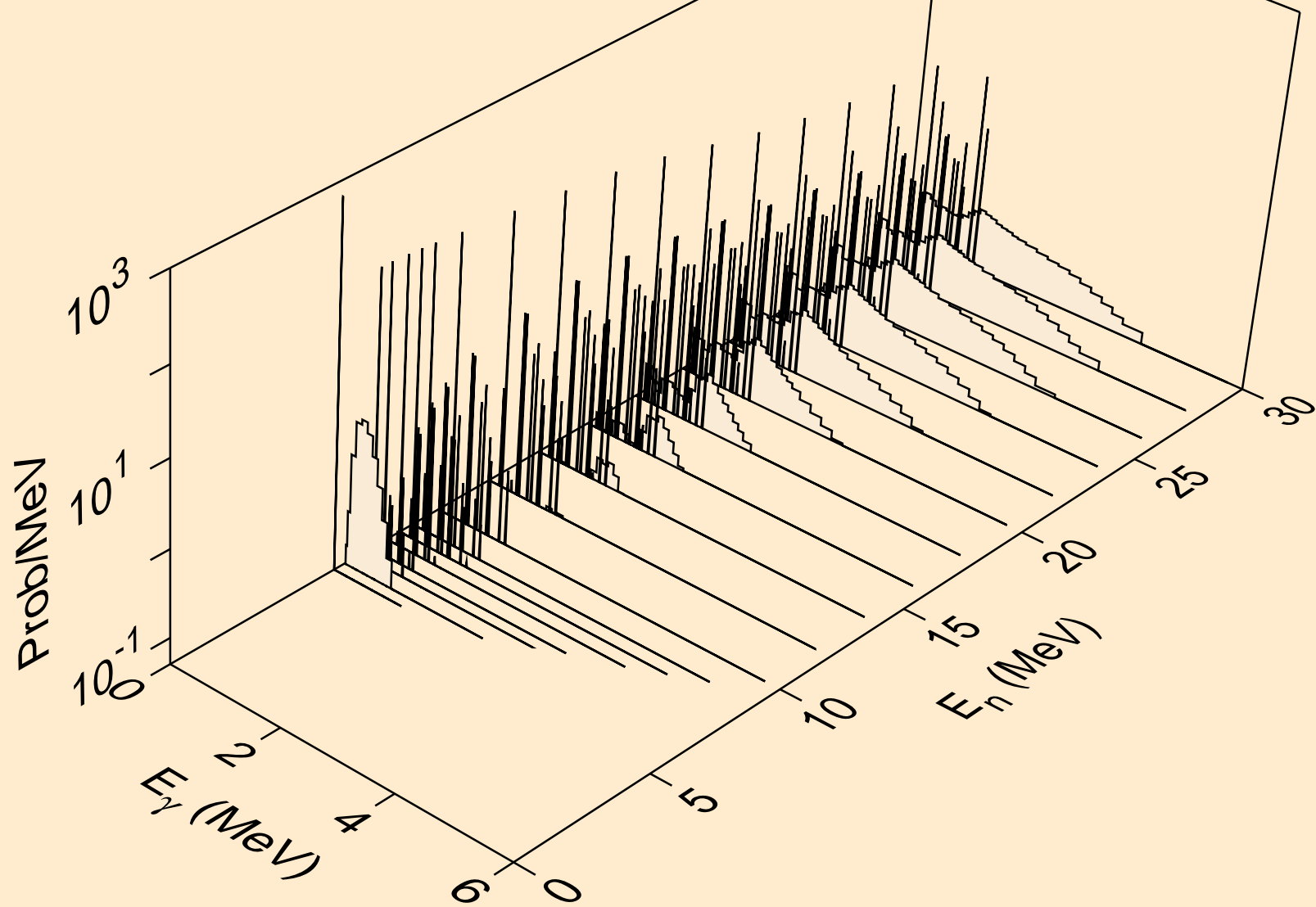
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



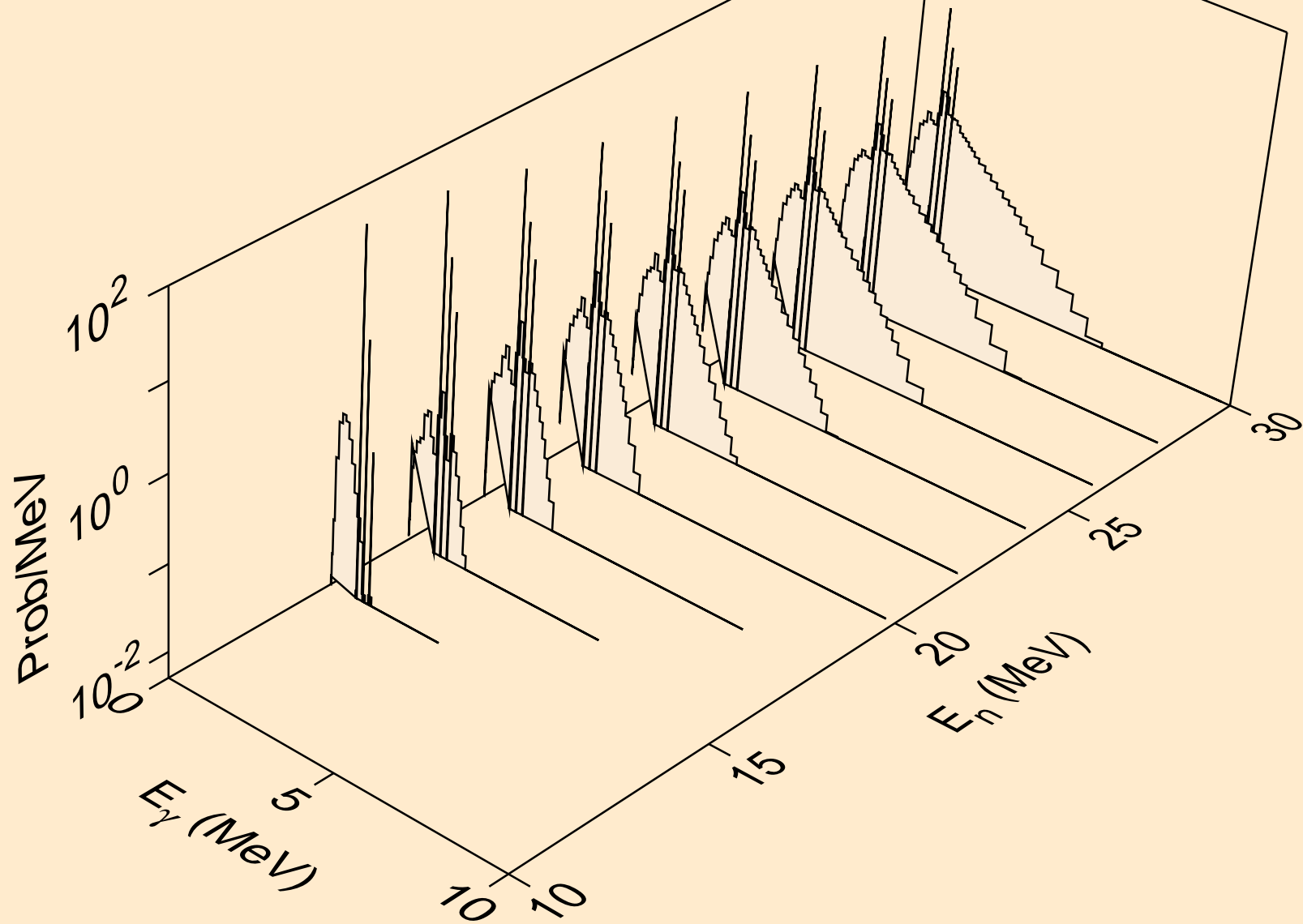
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



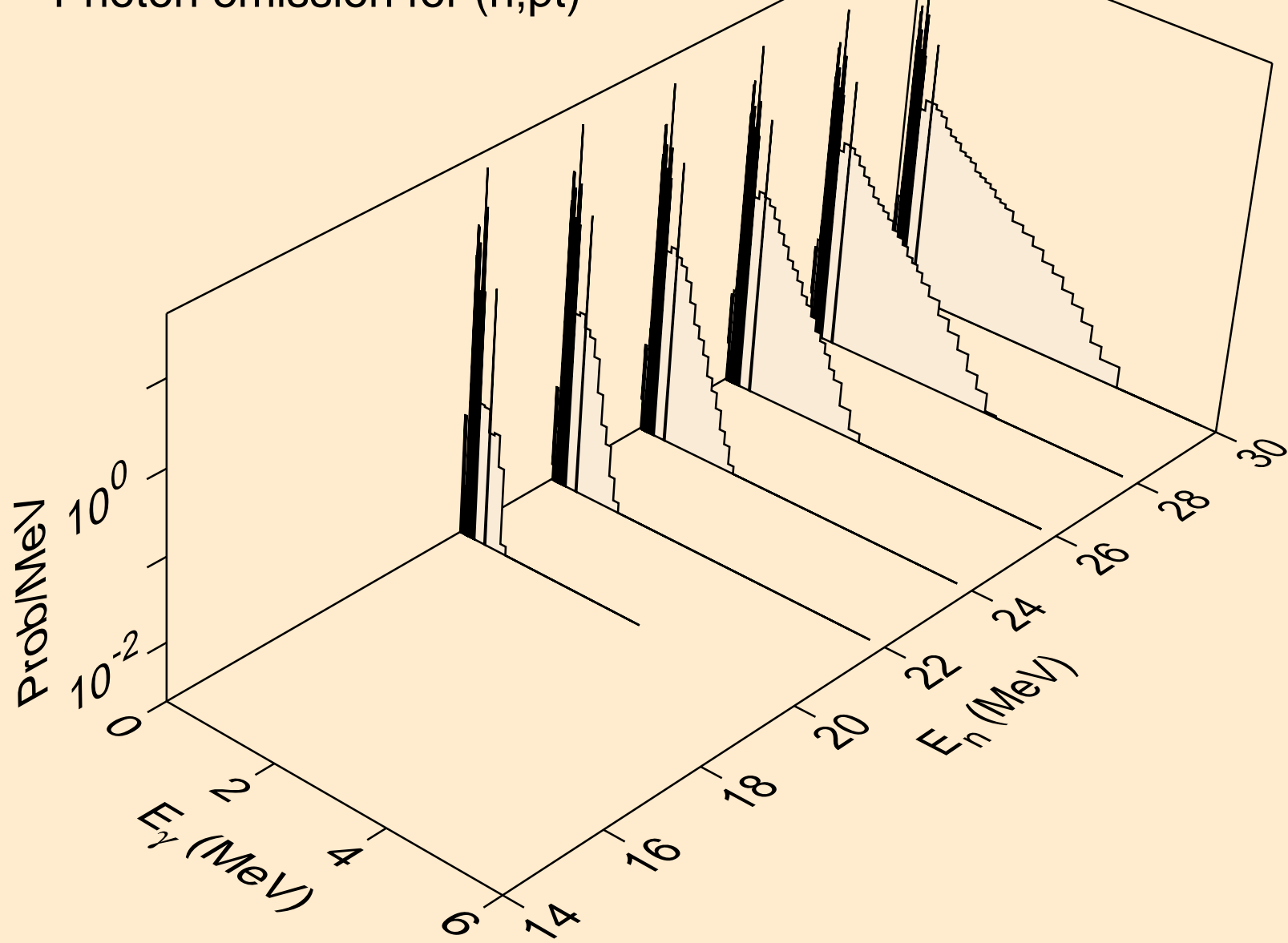
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



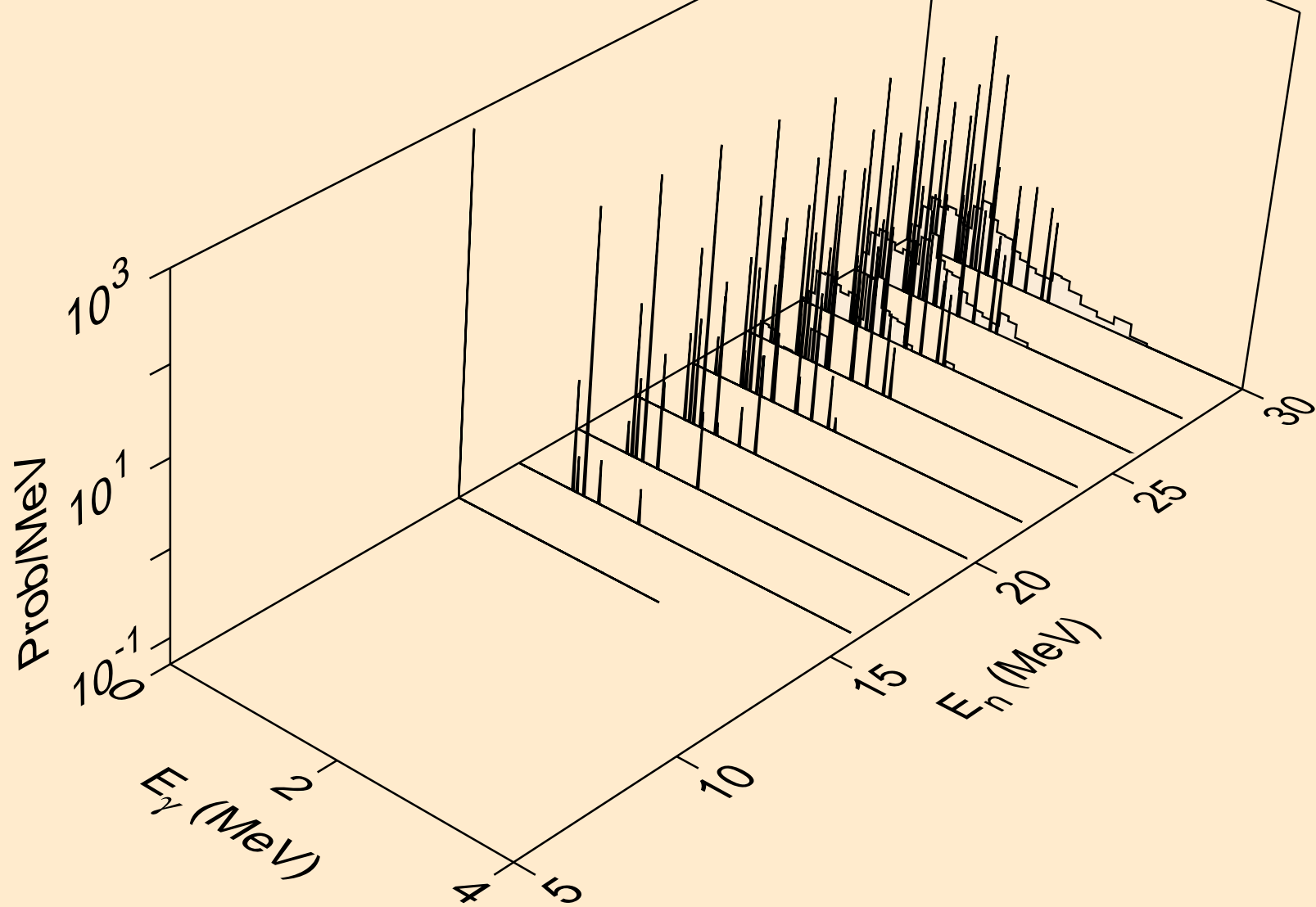
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

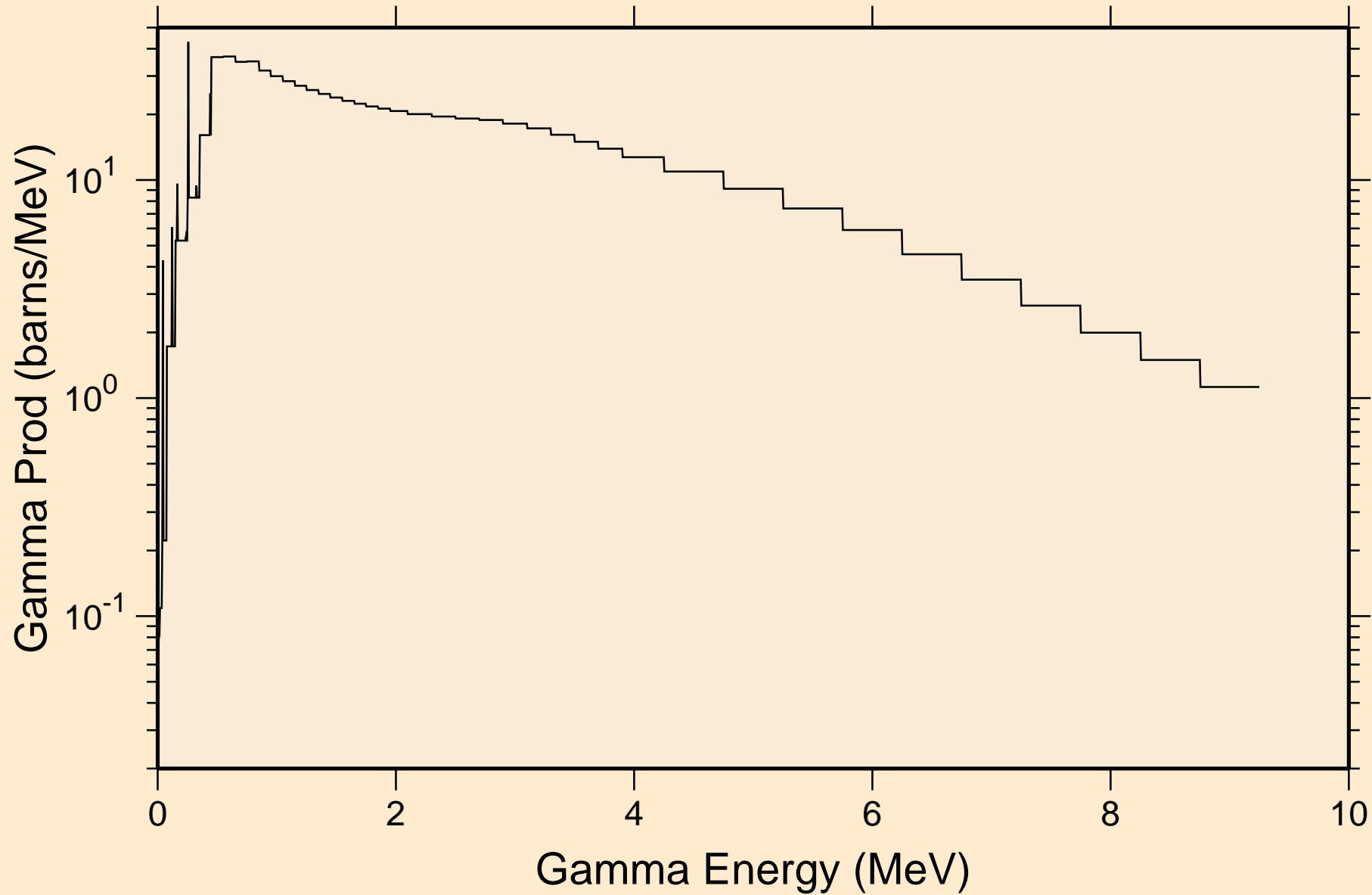


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

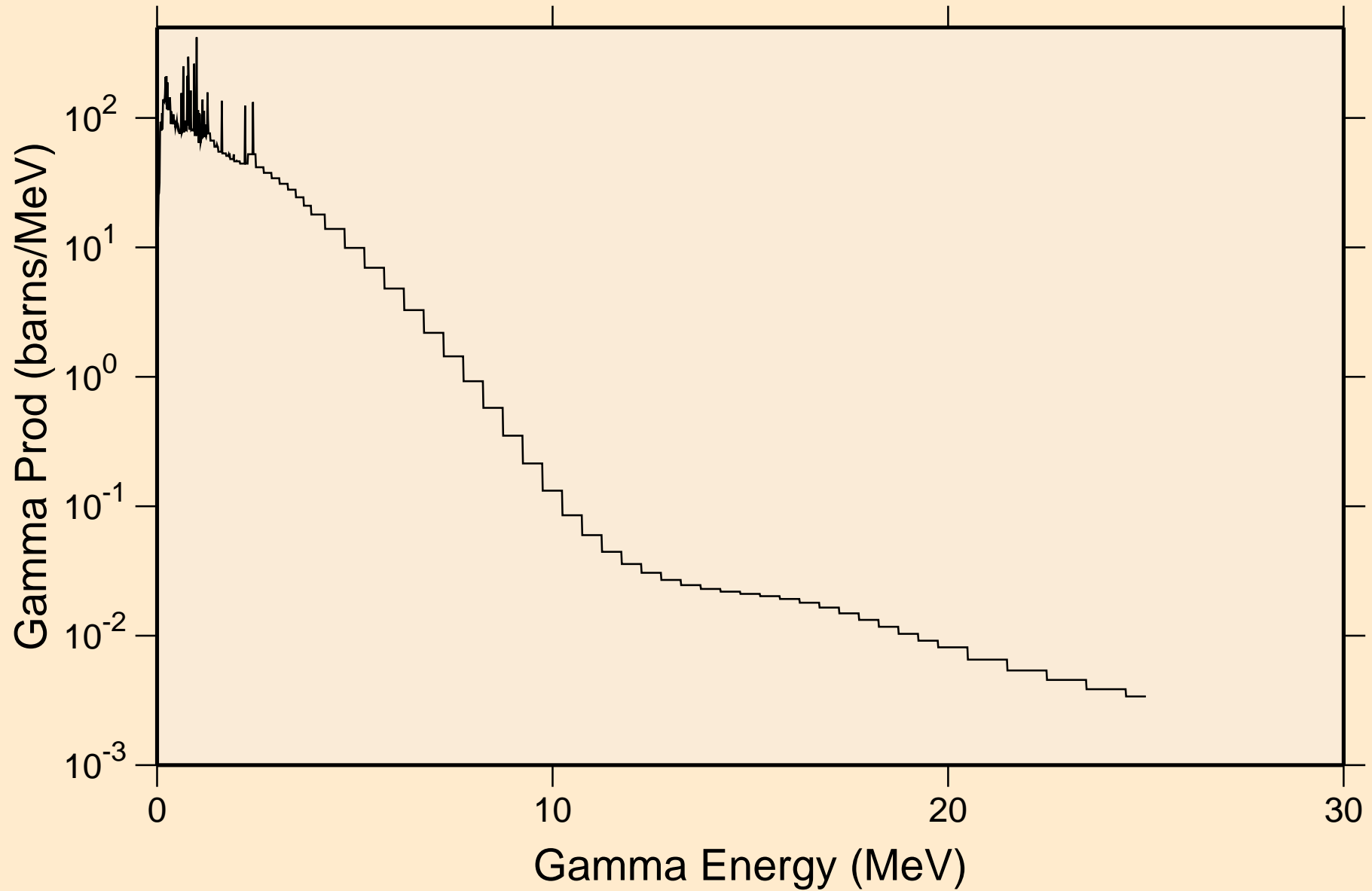




NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

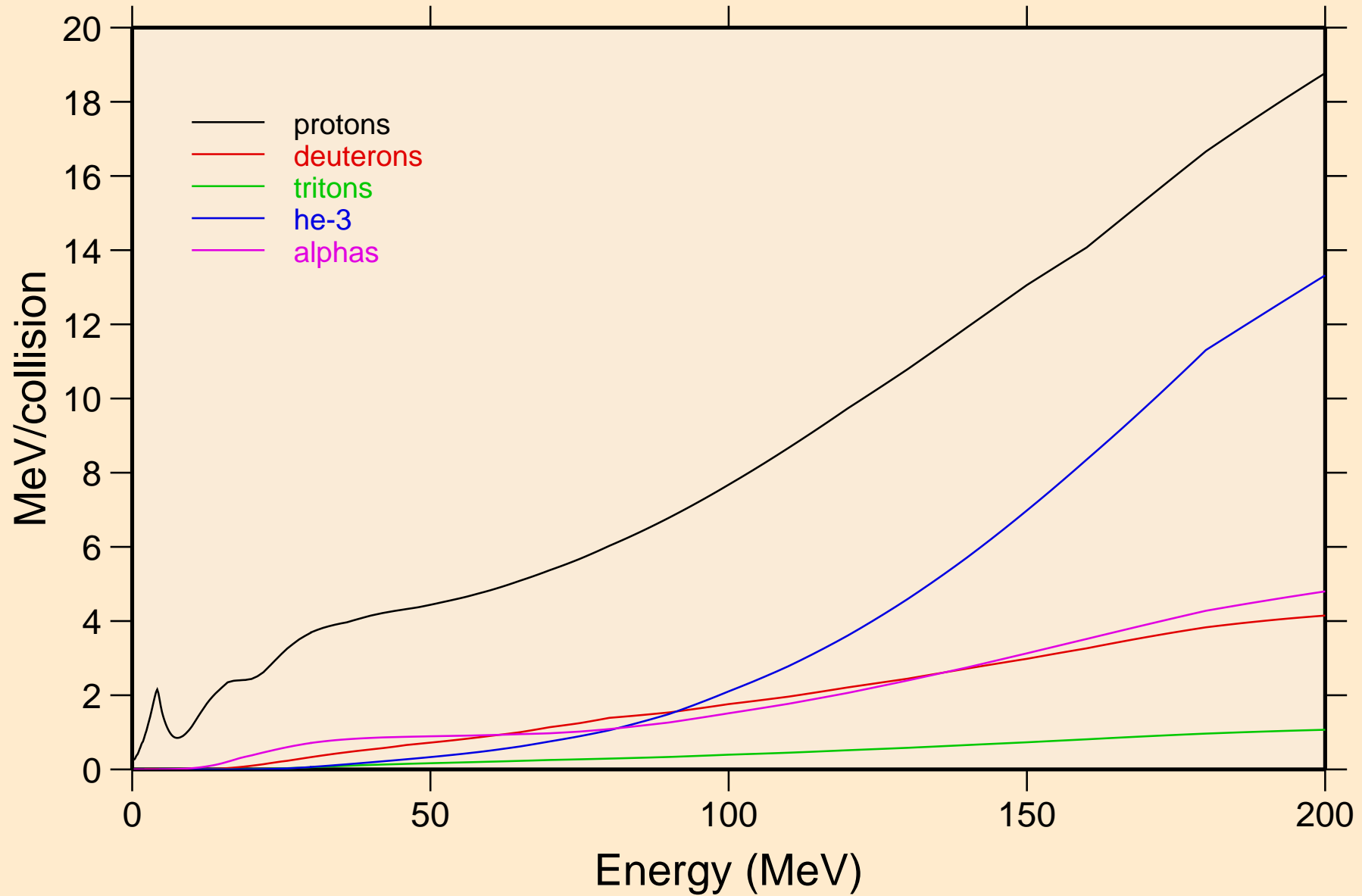


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

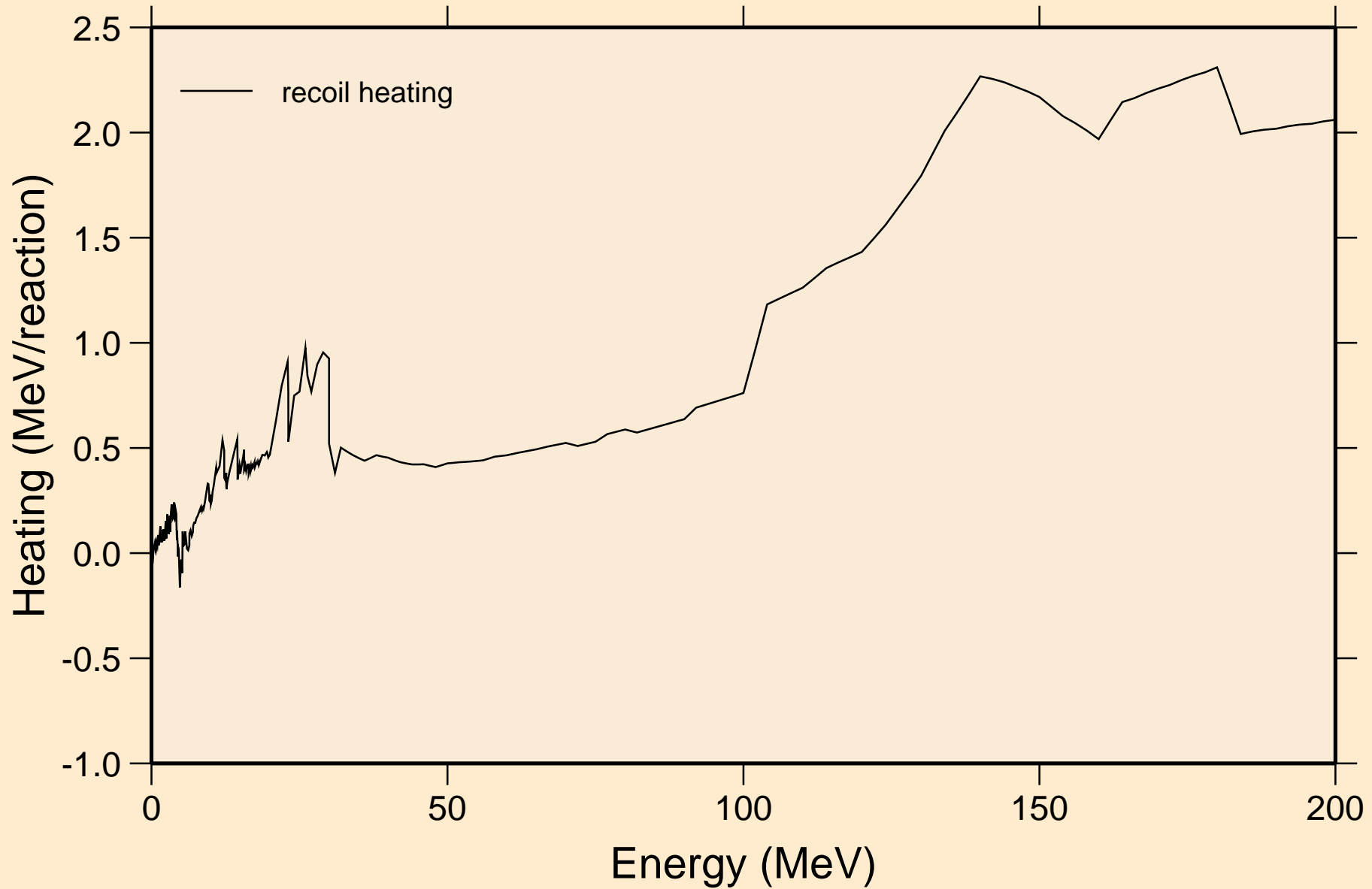


# NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

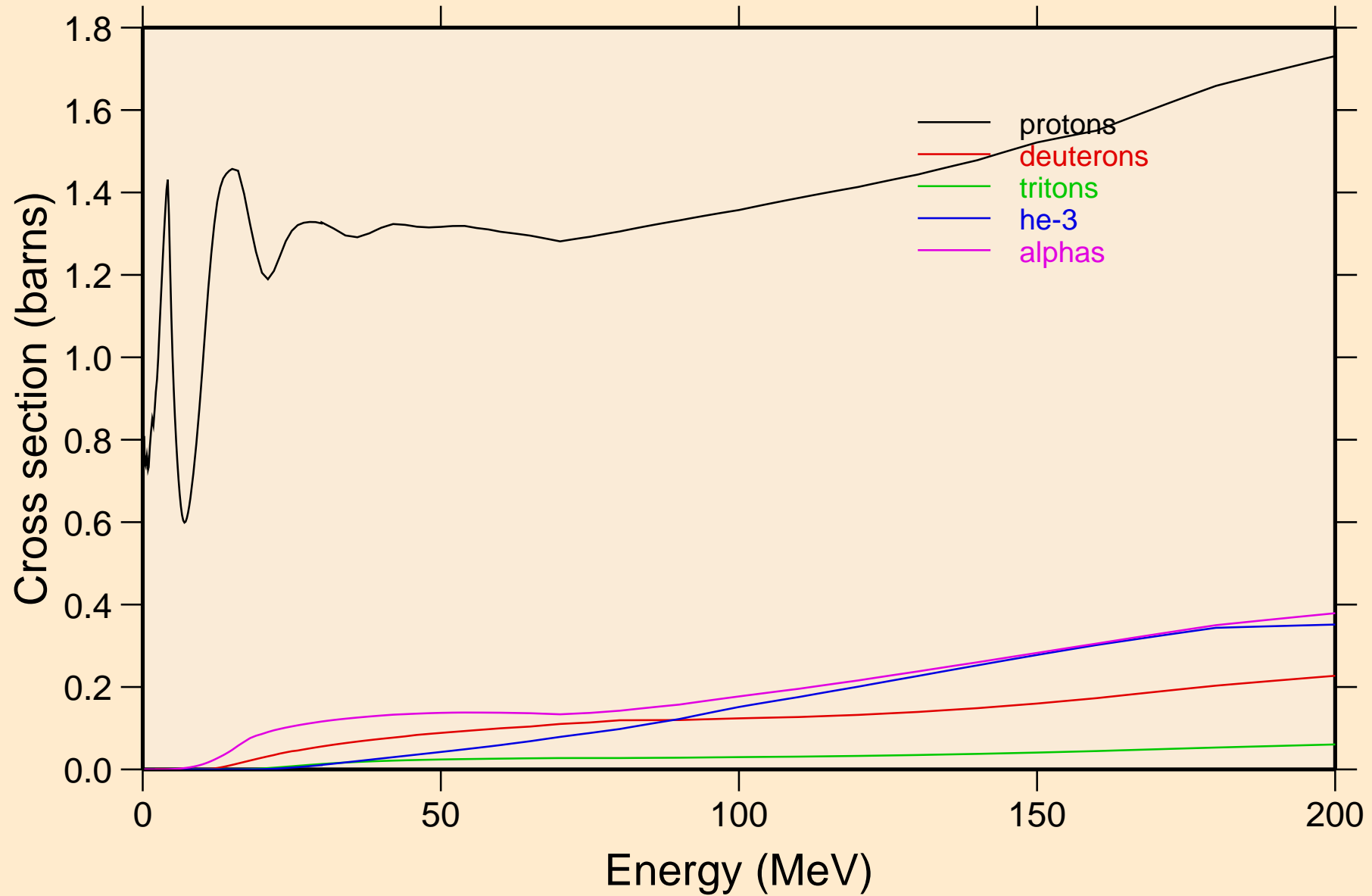


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

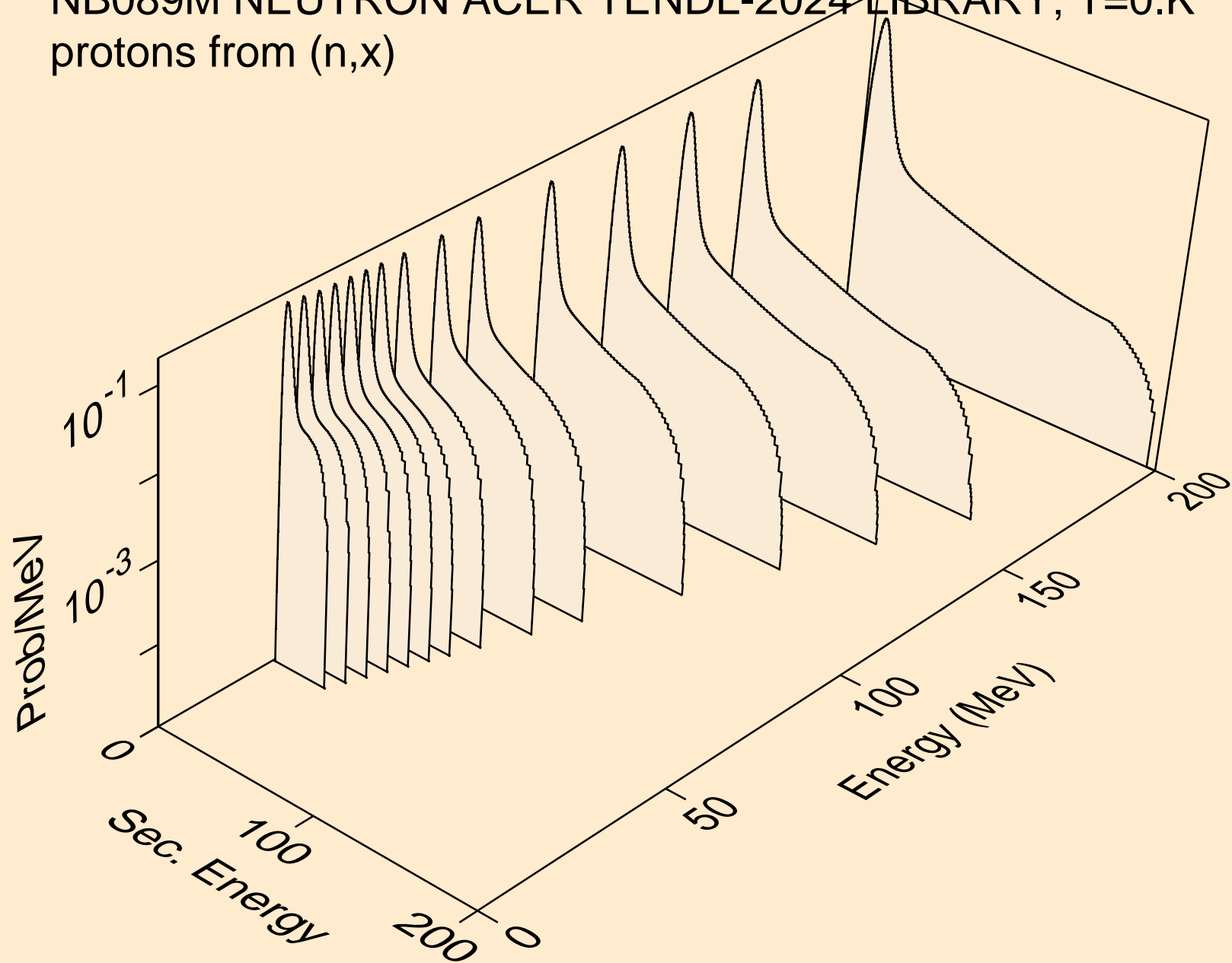


# NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

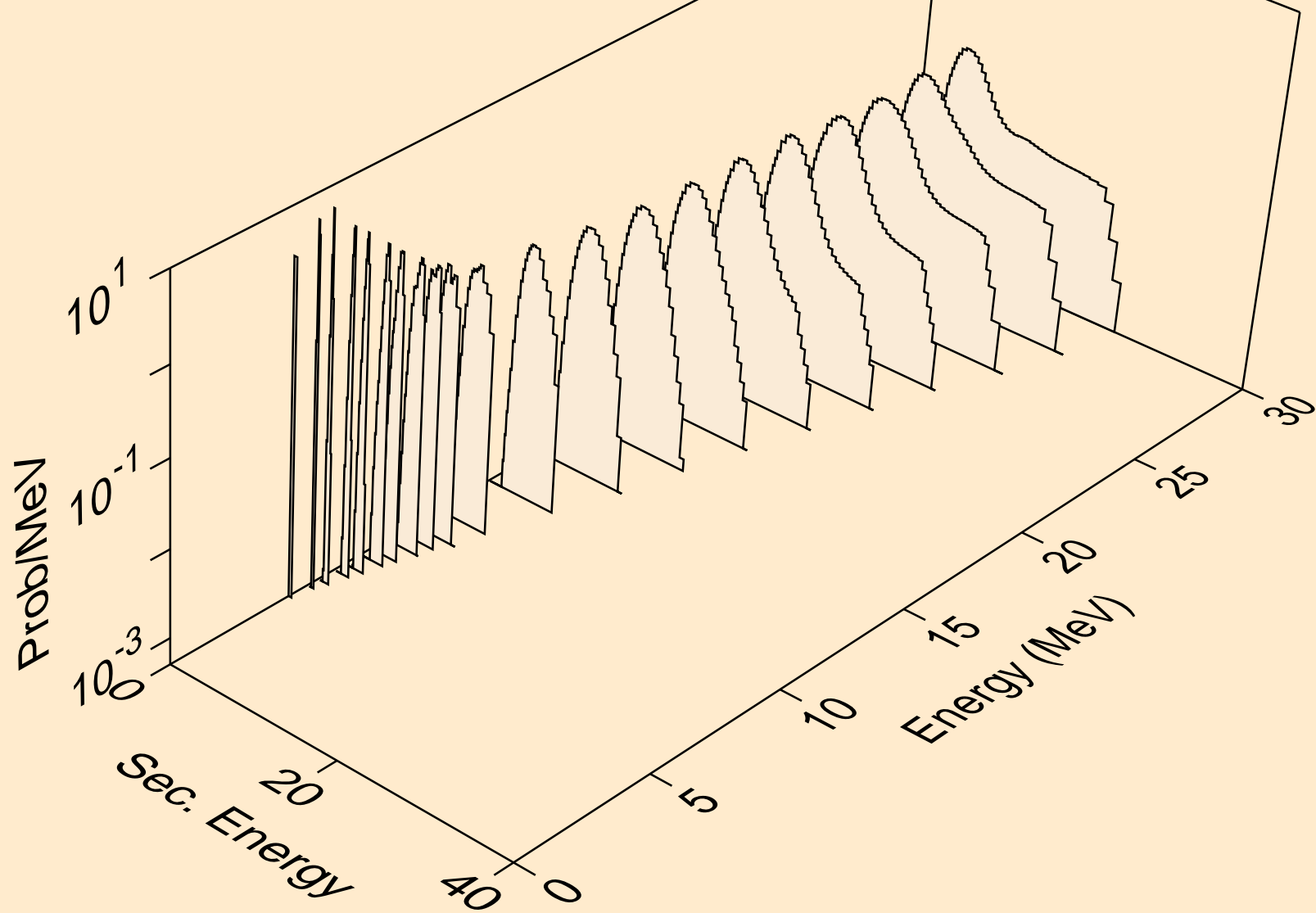
## Particle production cross sections



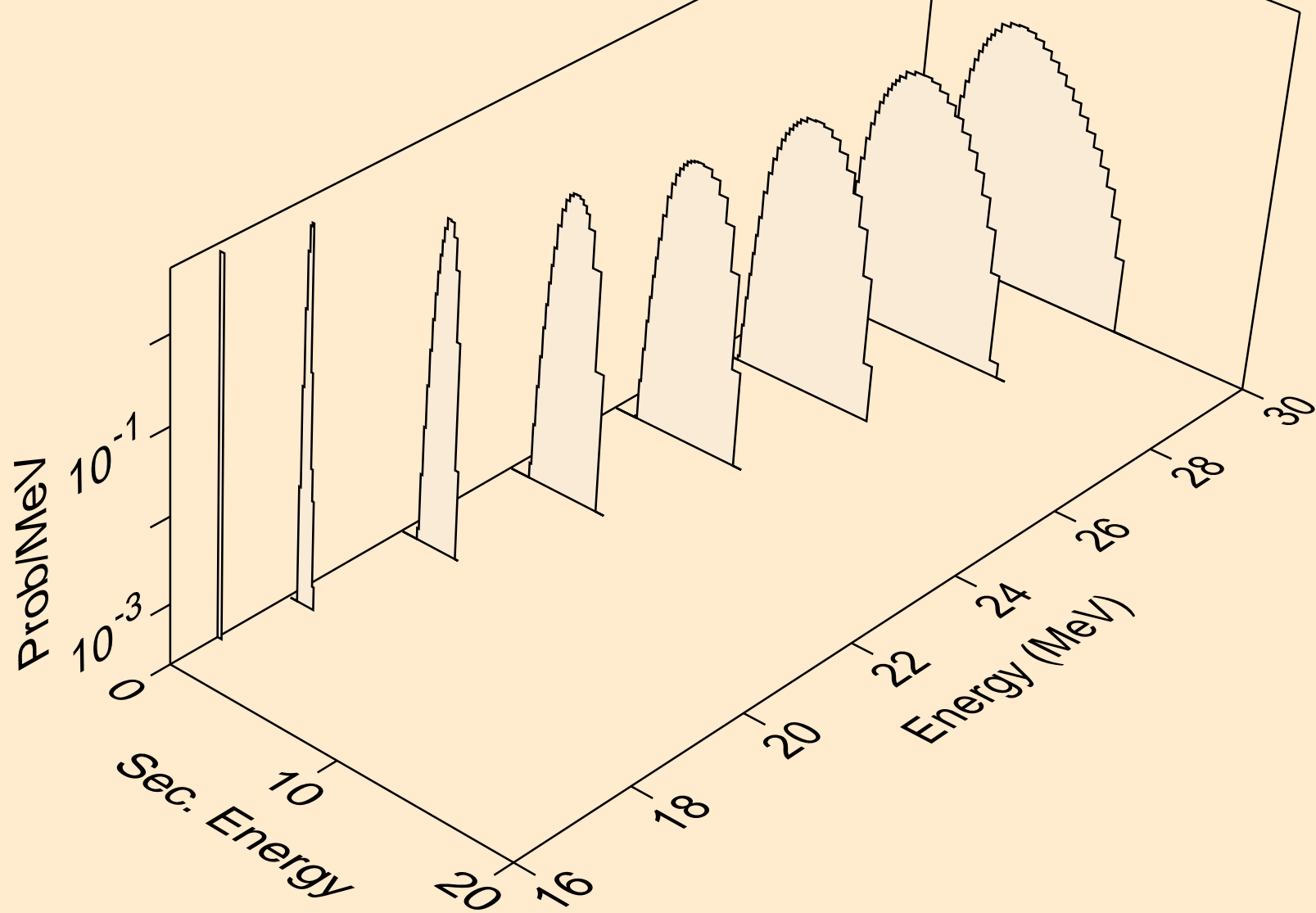
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

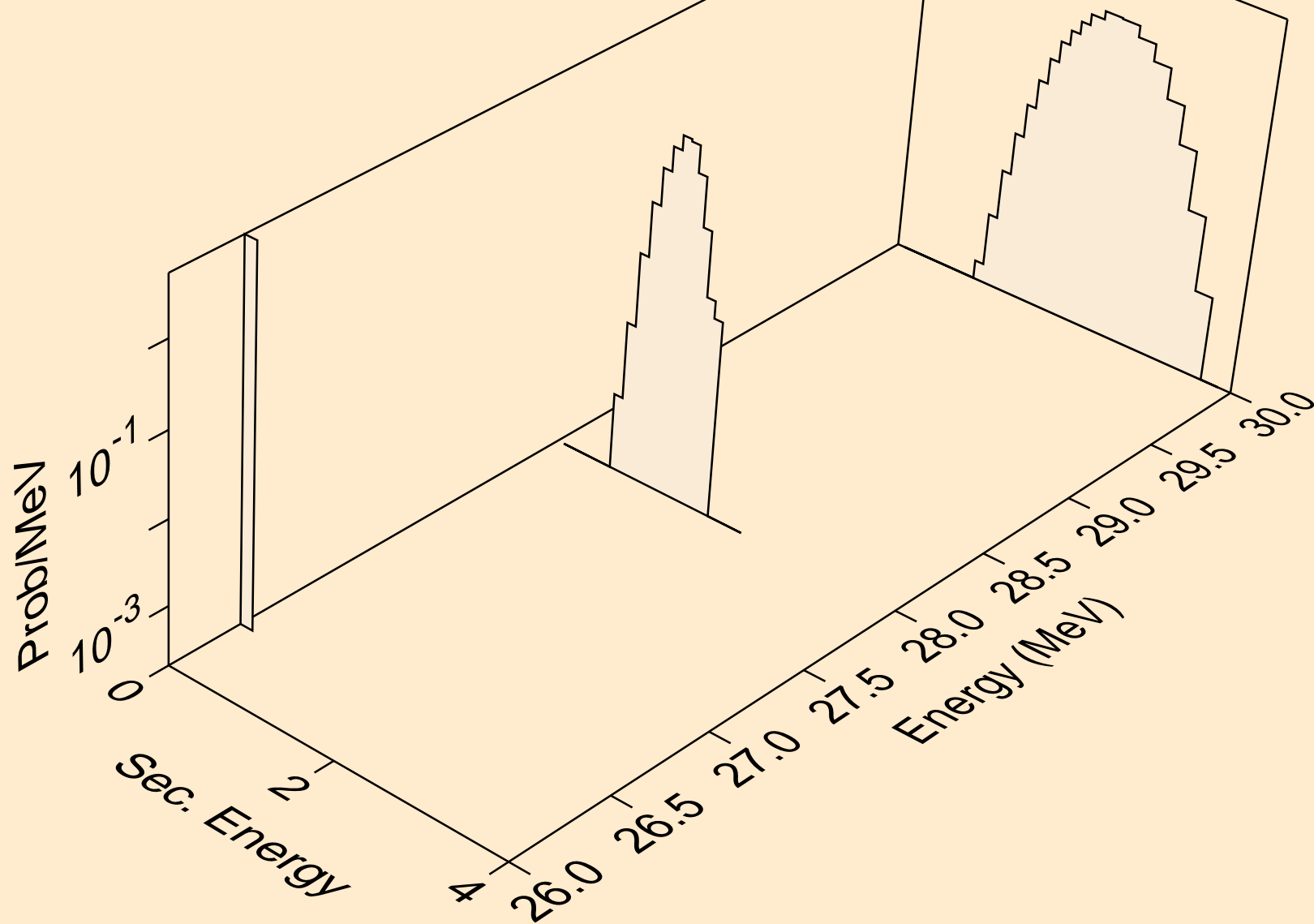


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

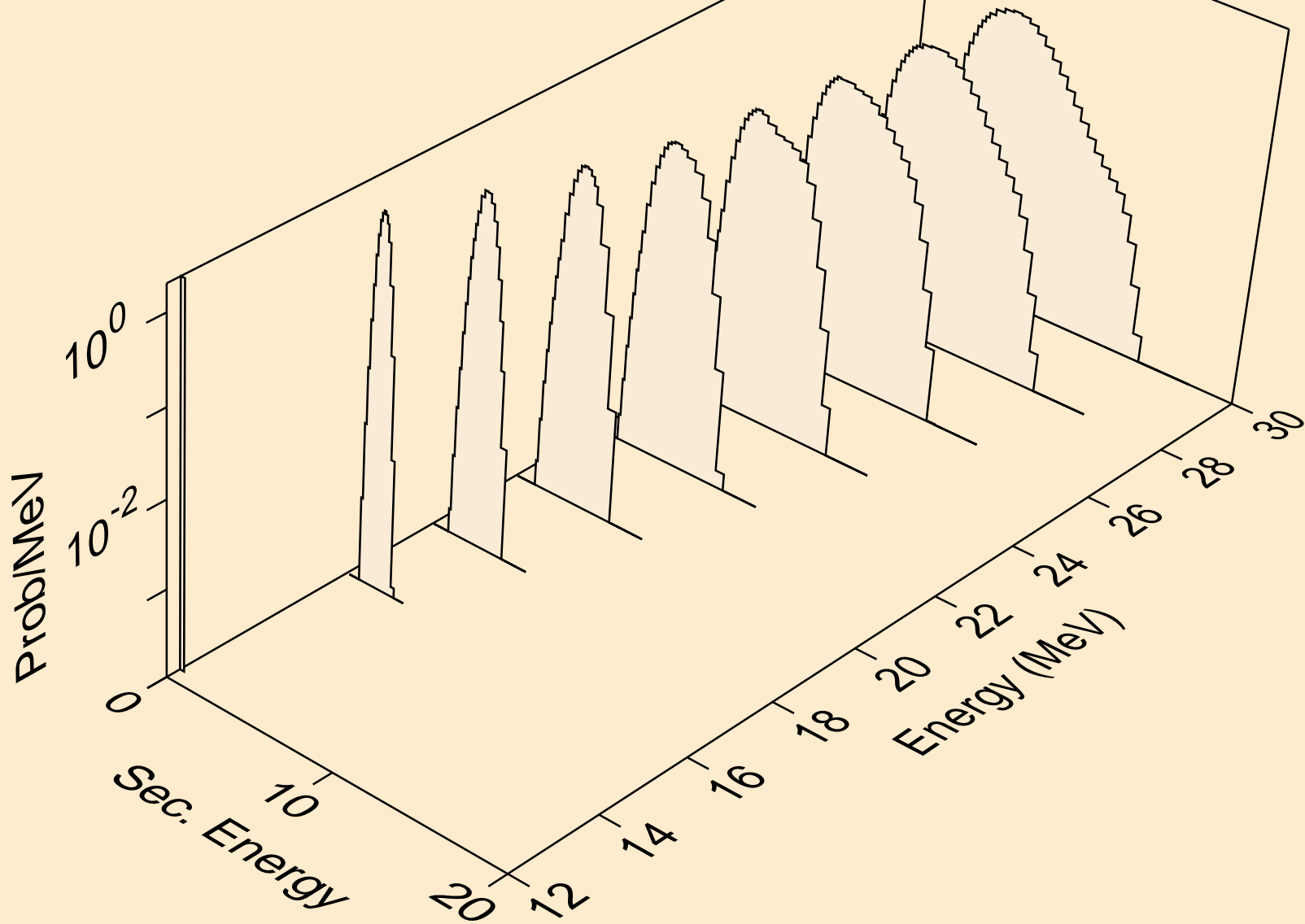




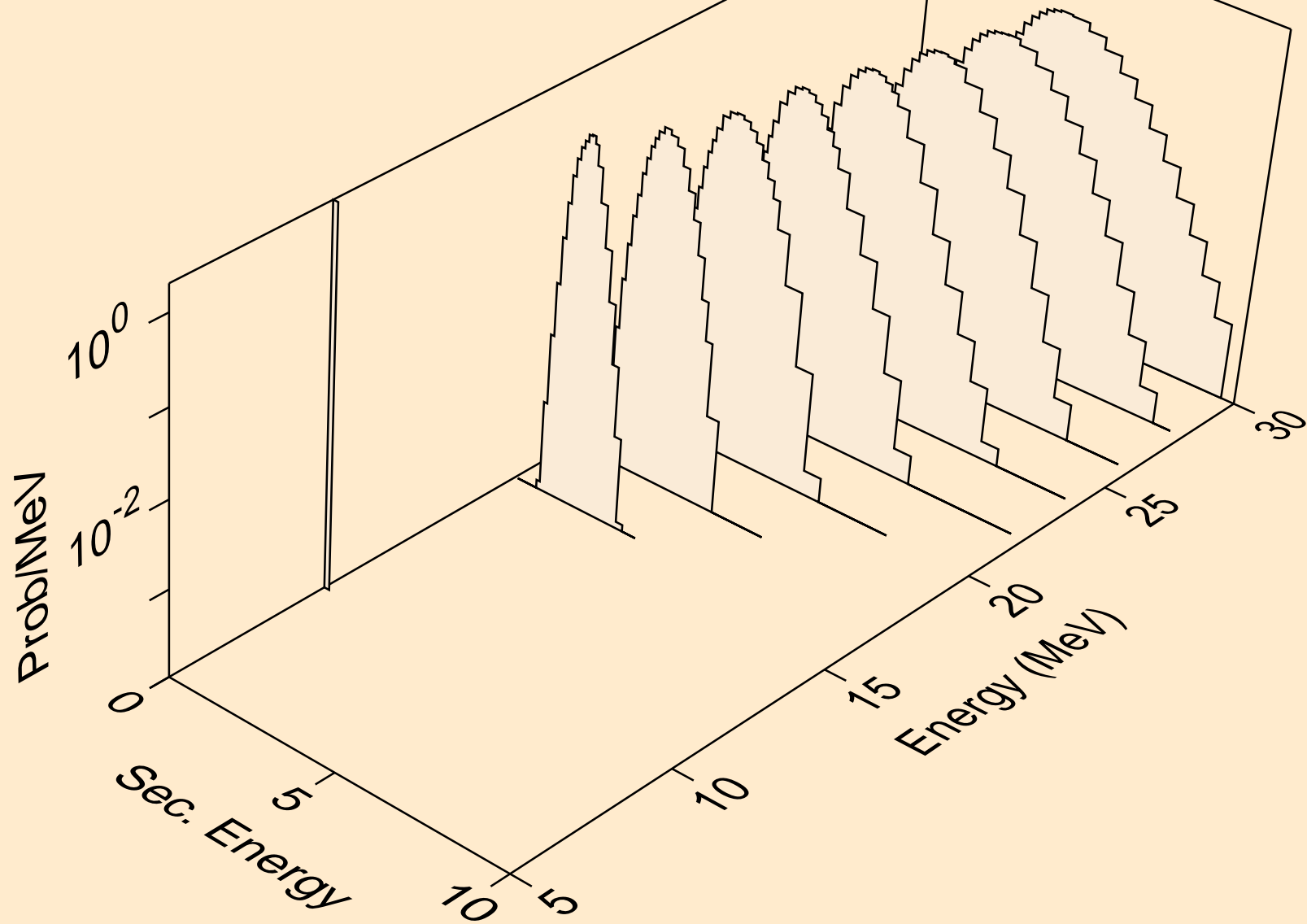
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



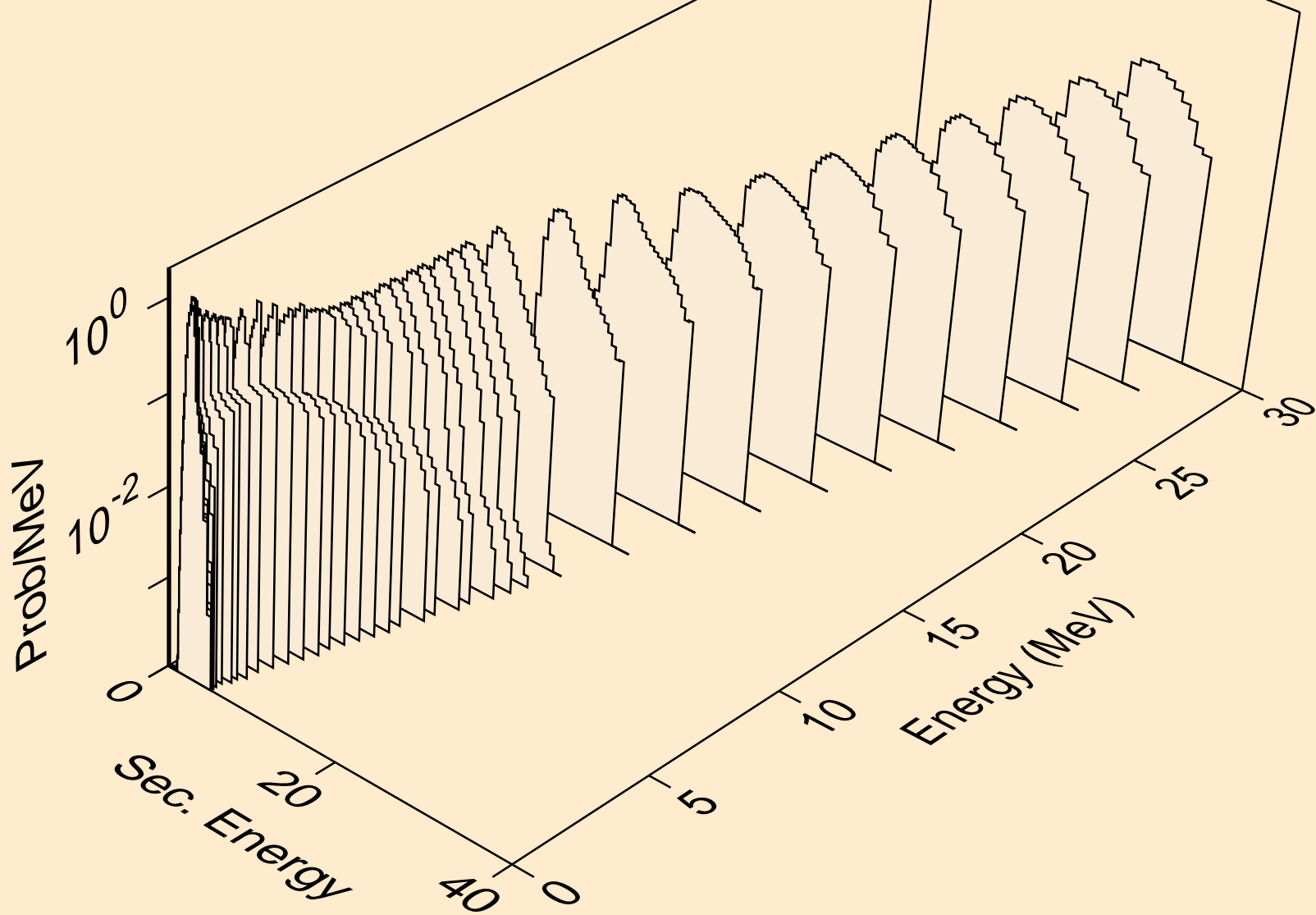
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



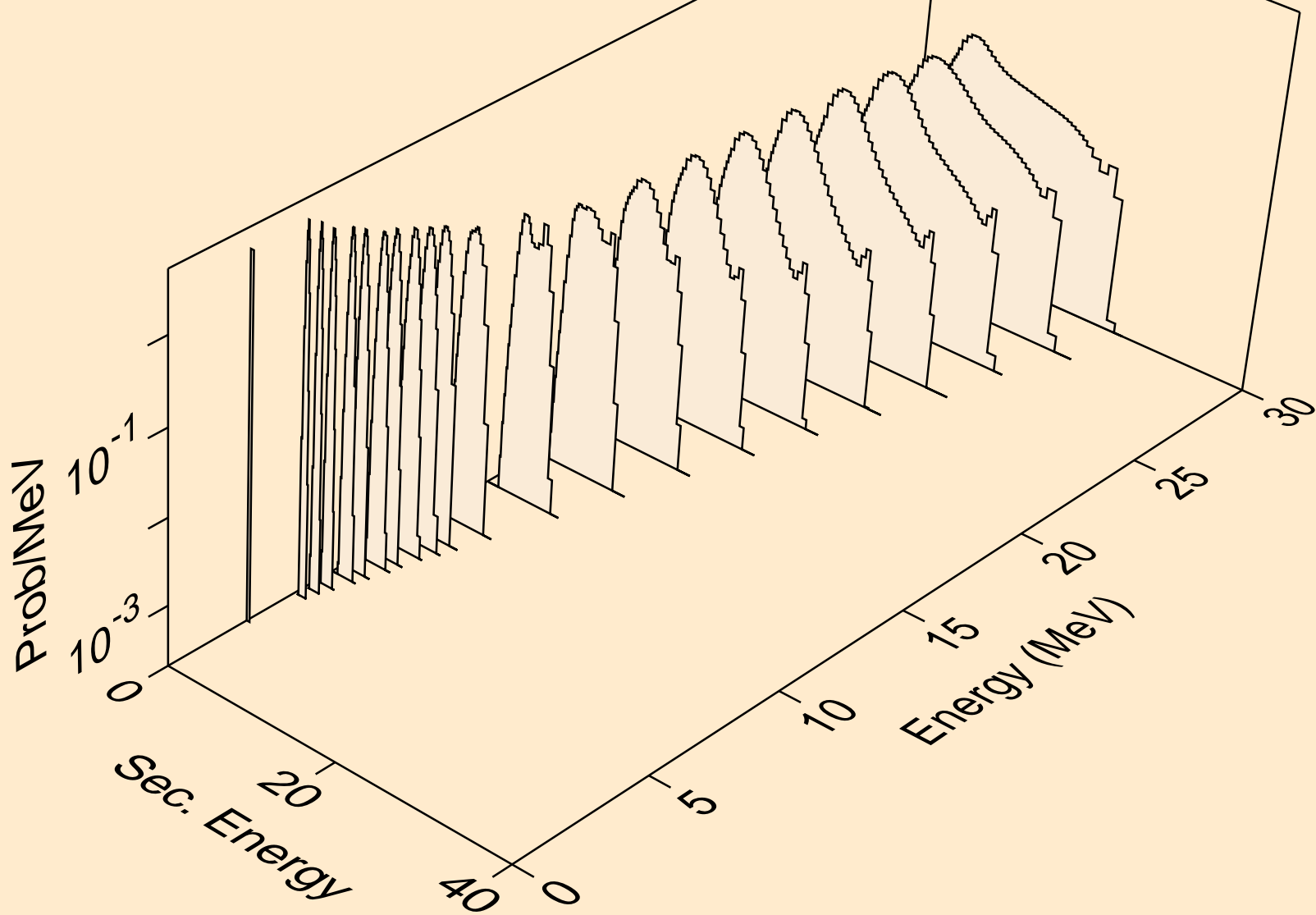
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



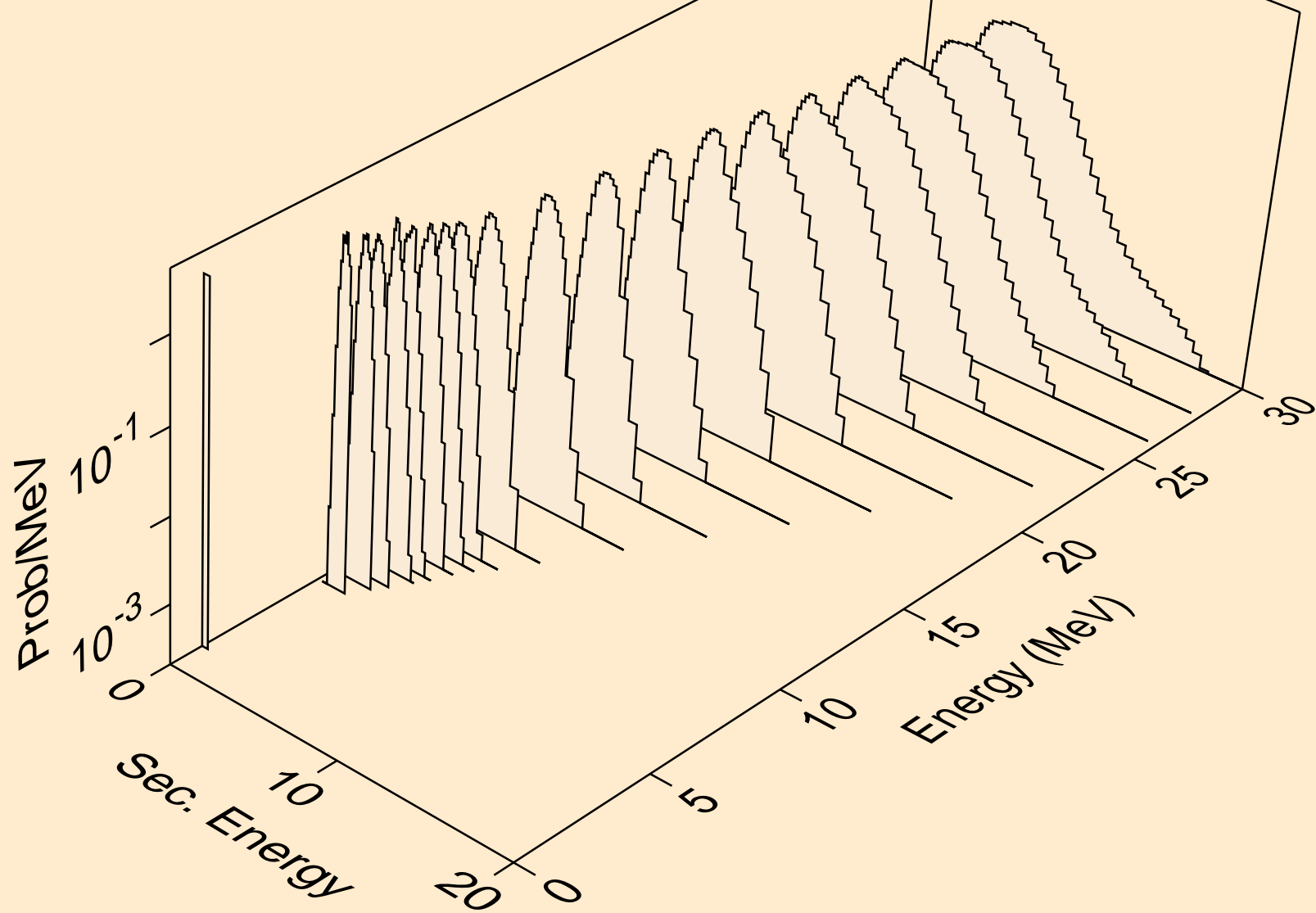
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



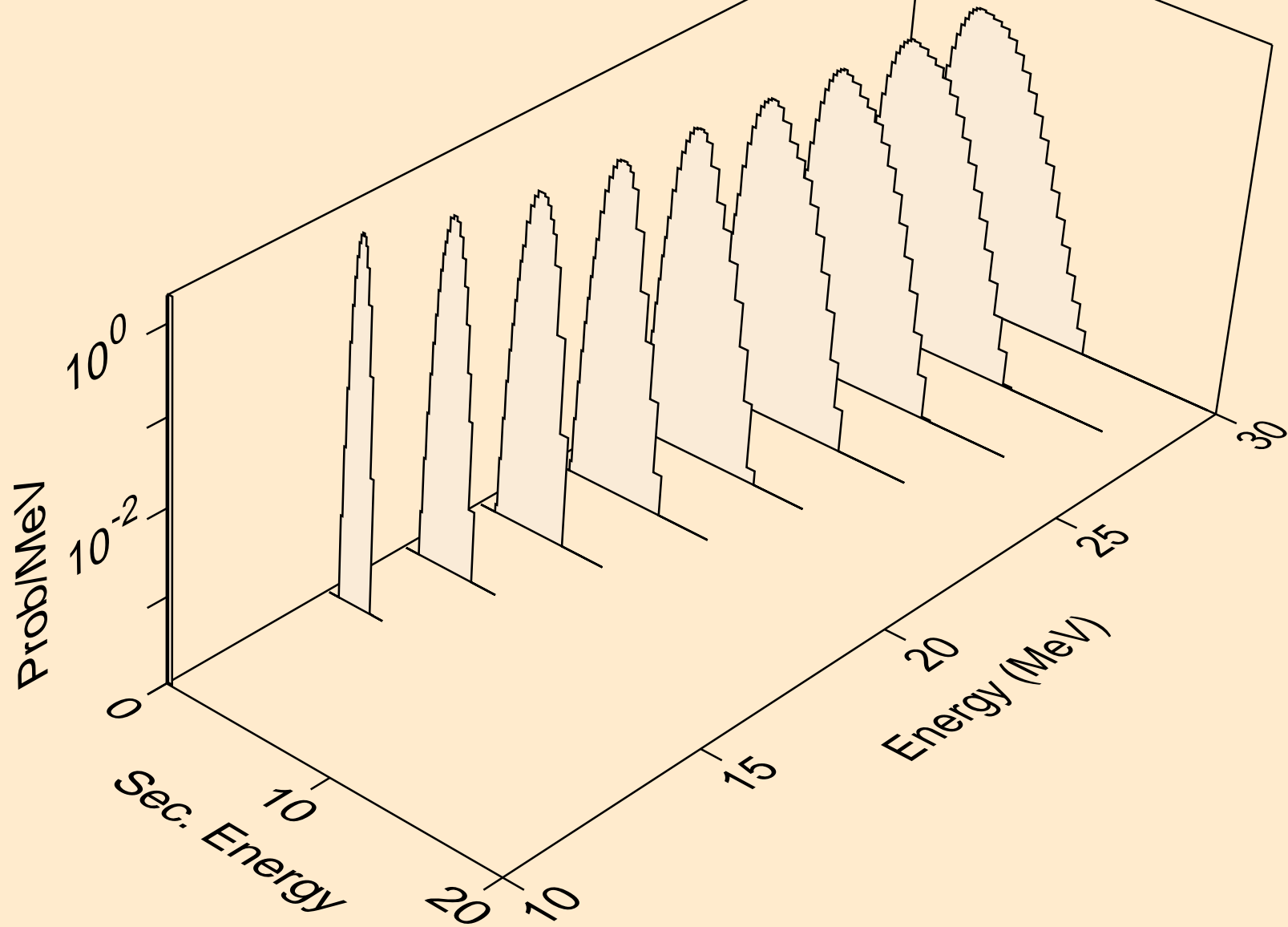
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



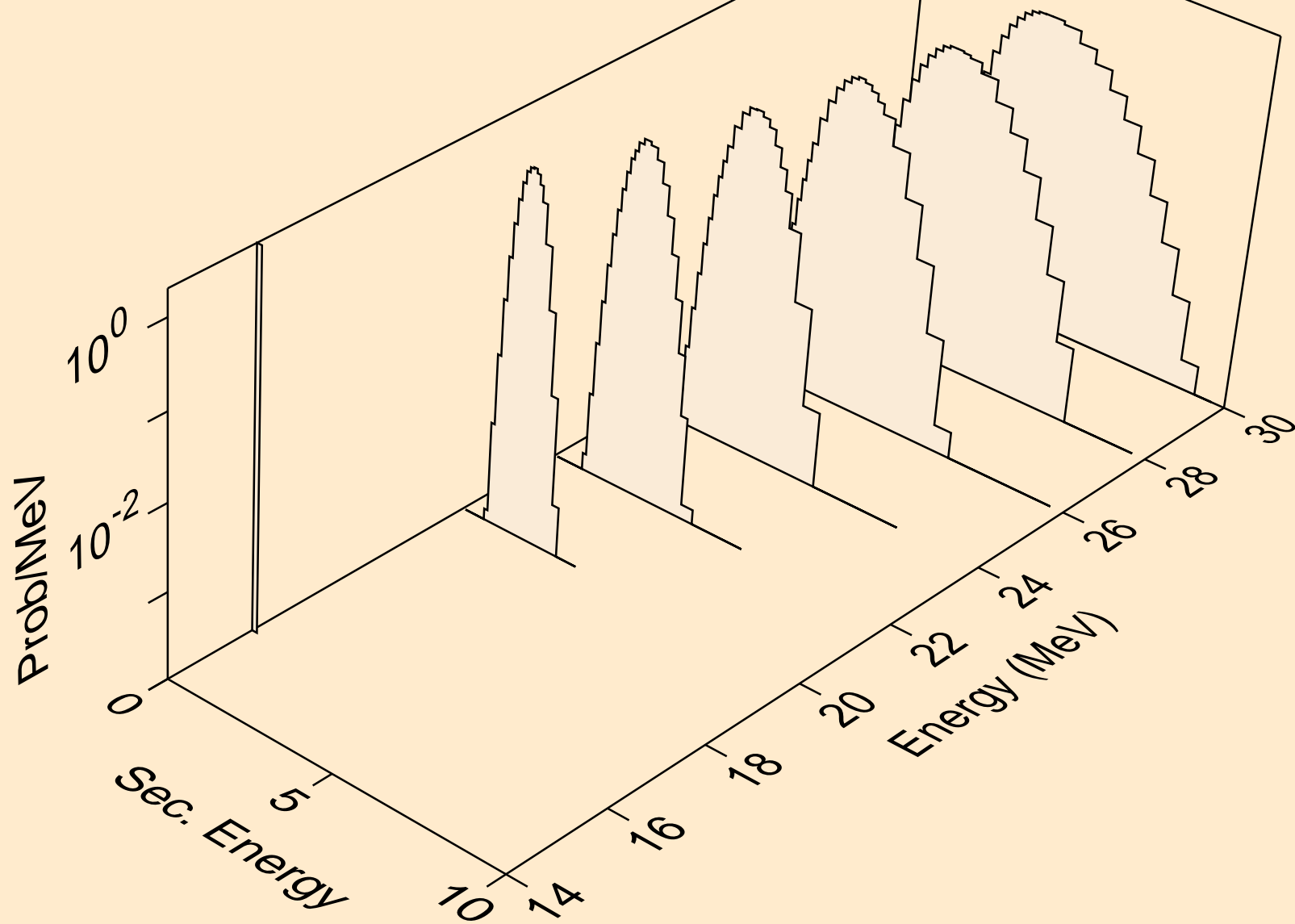
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

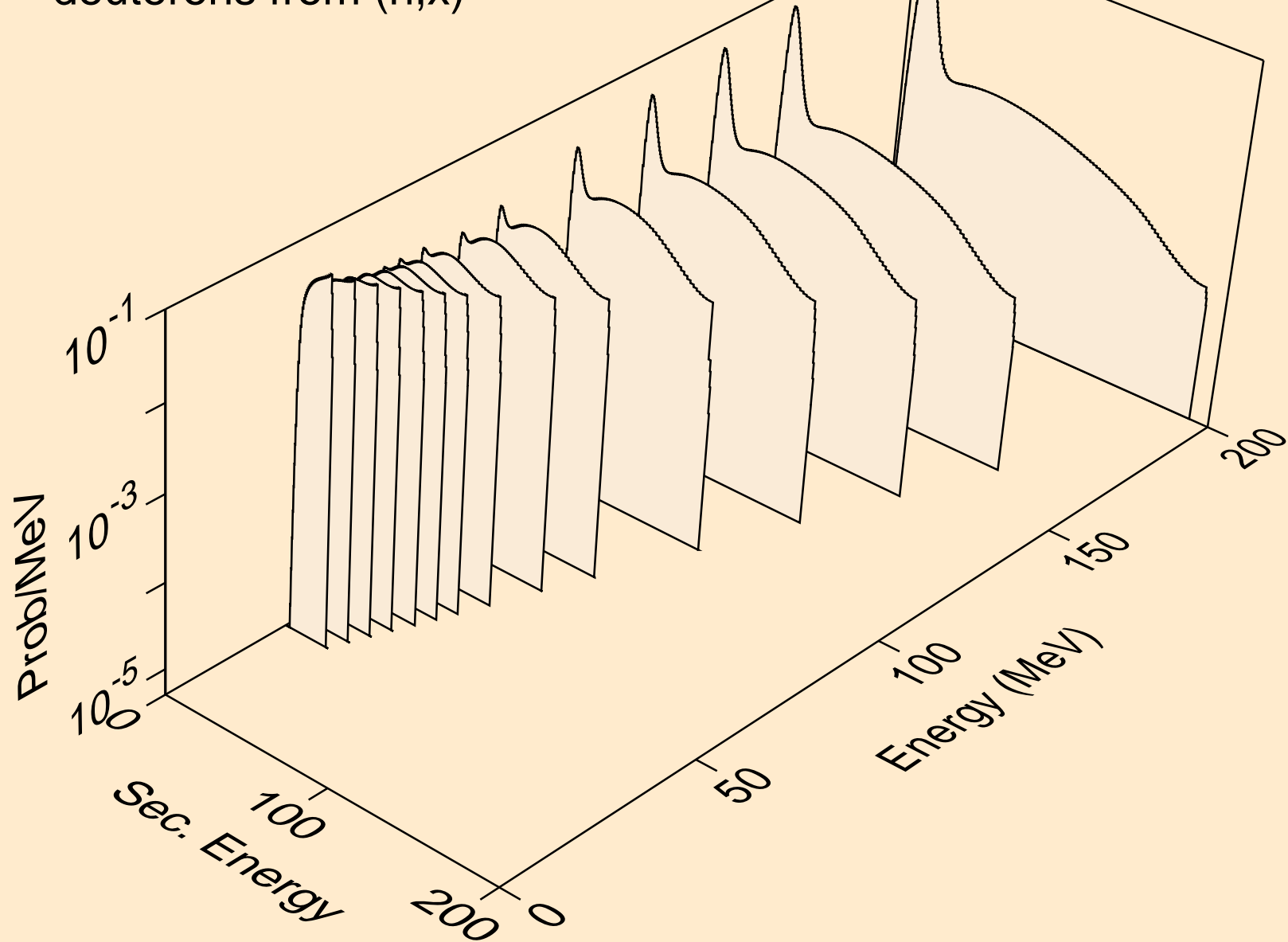


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

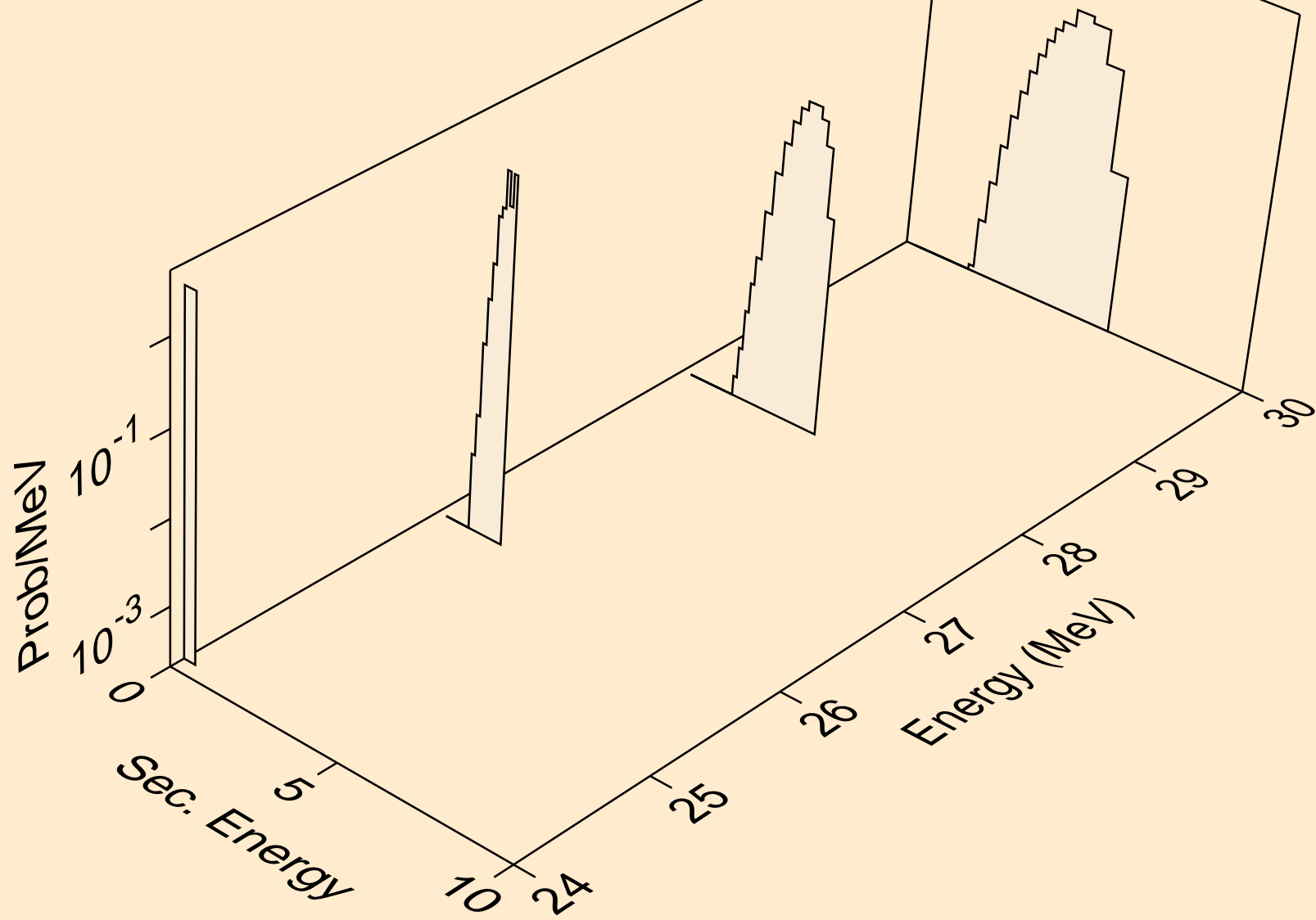




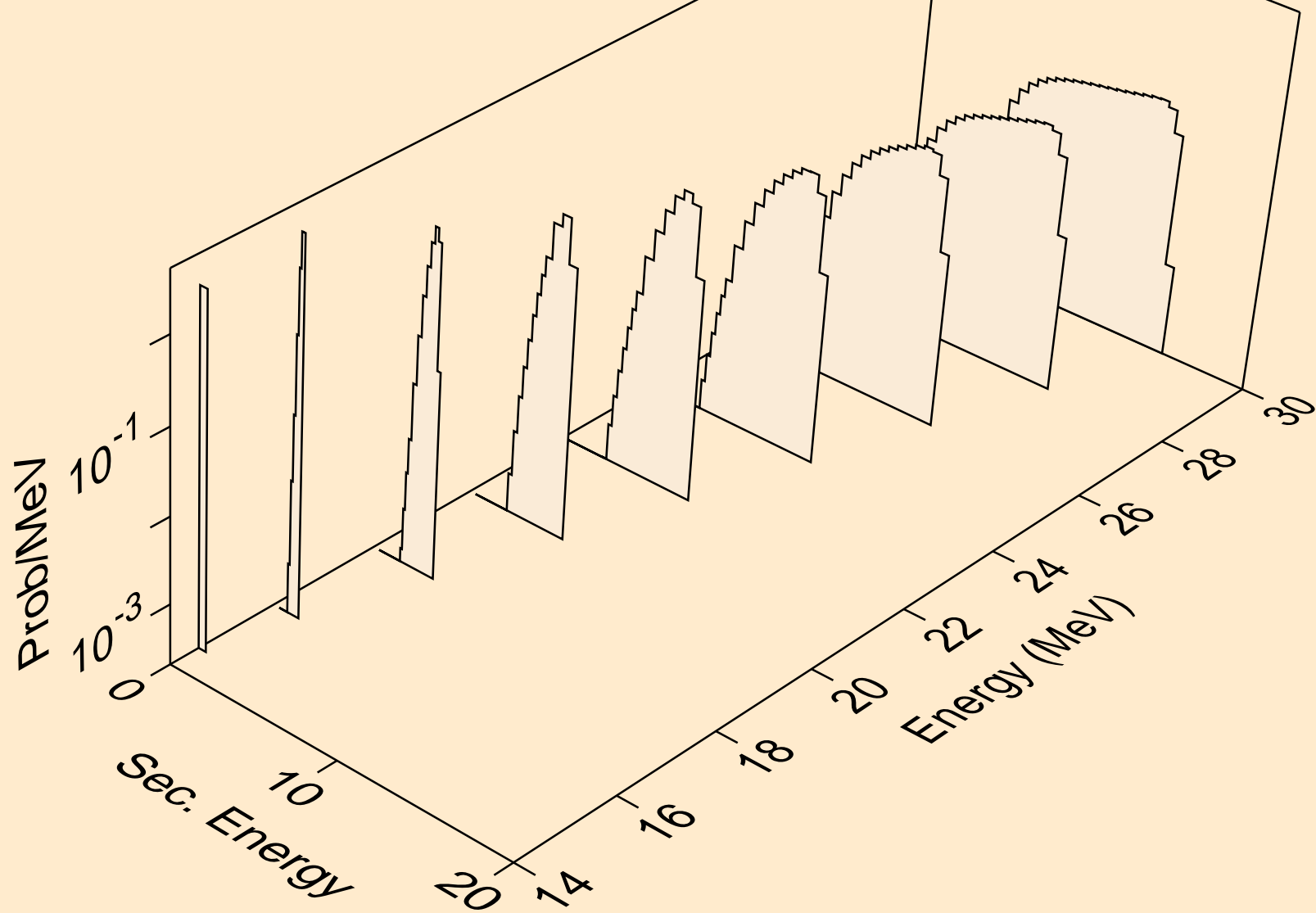
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



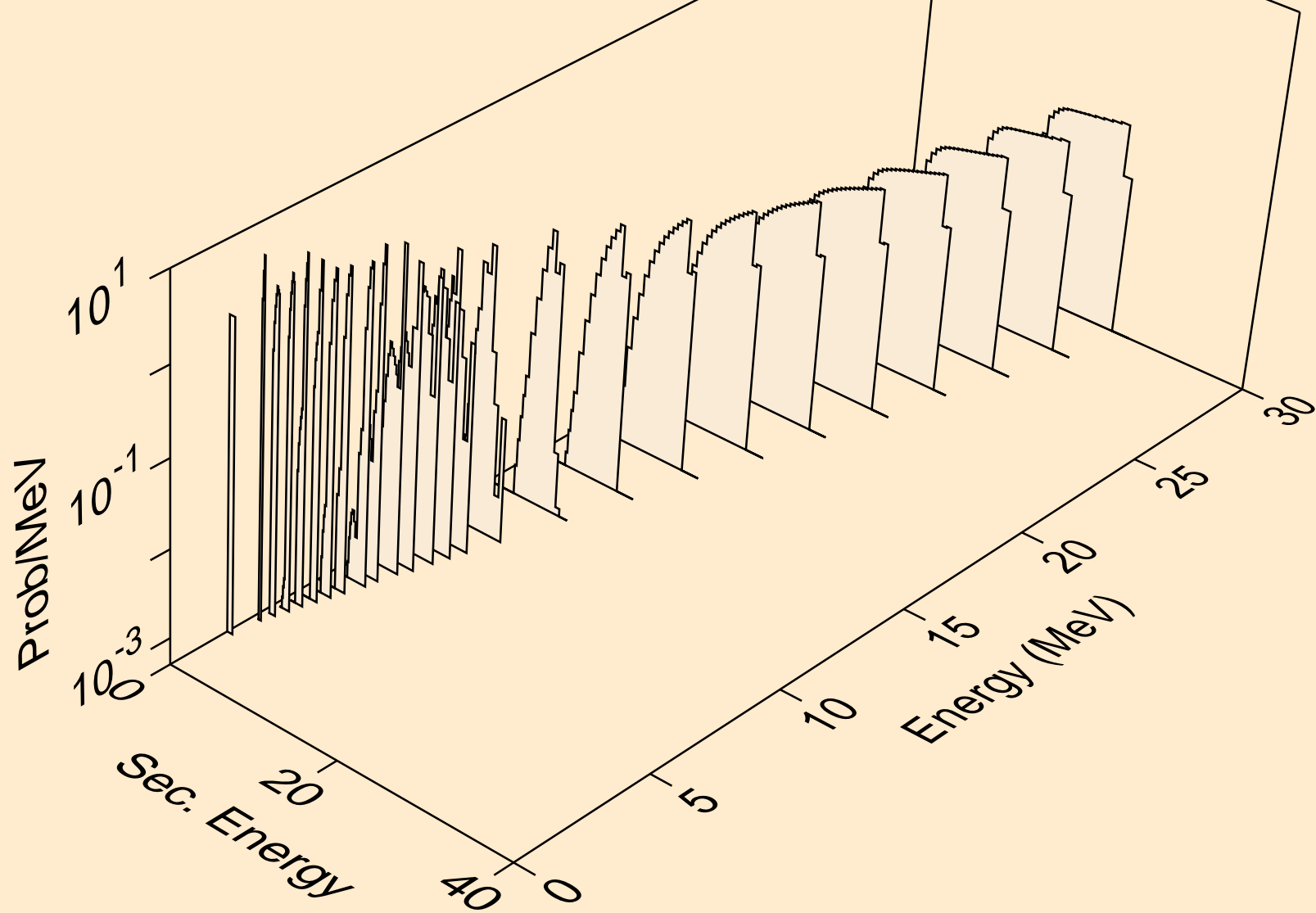
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



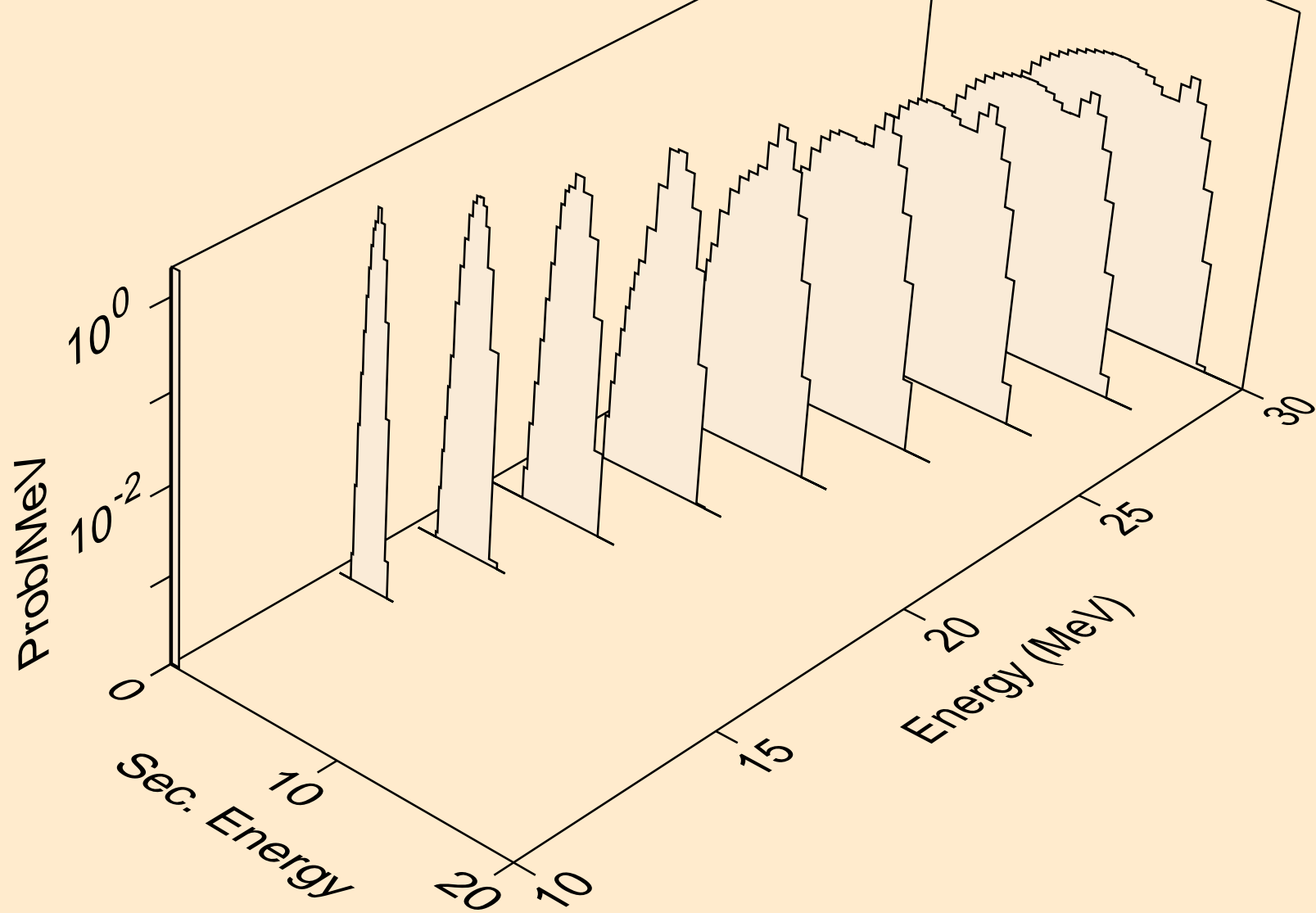
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



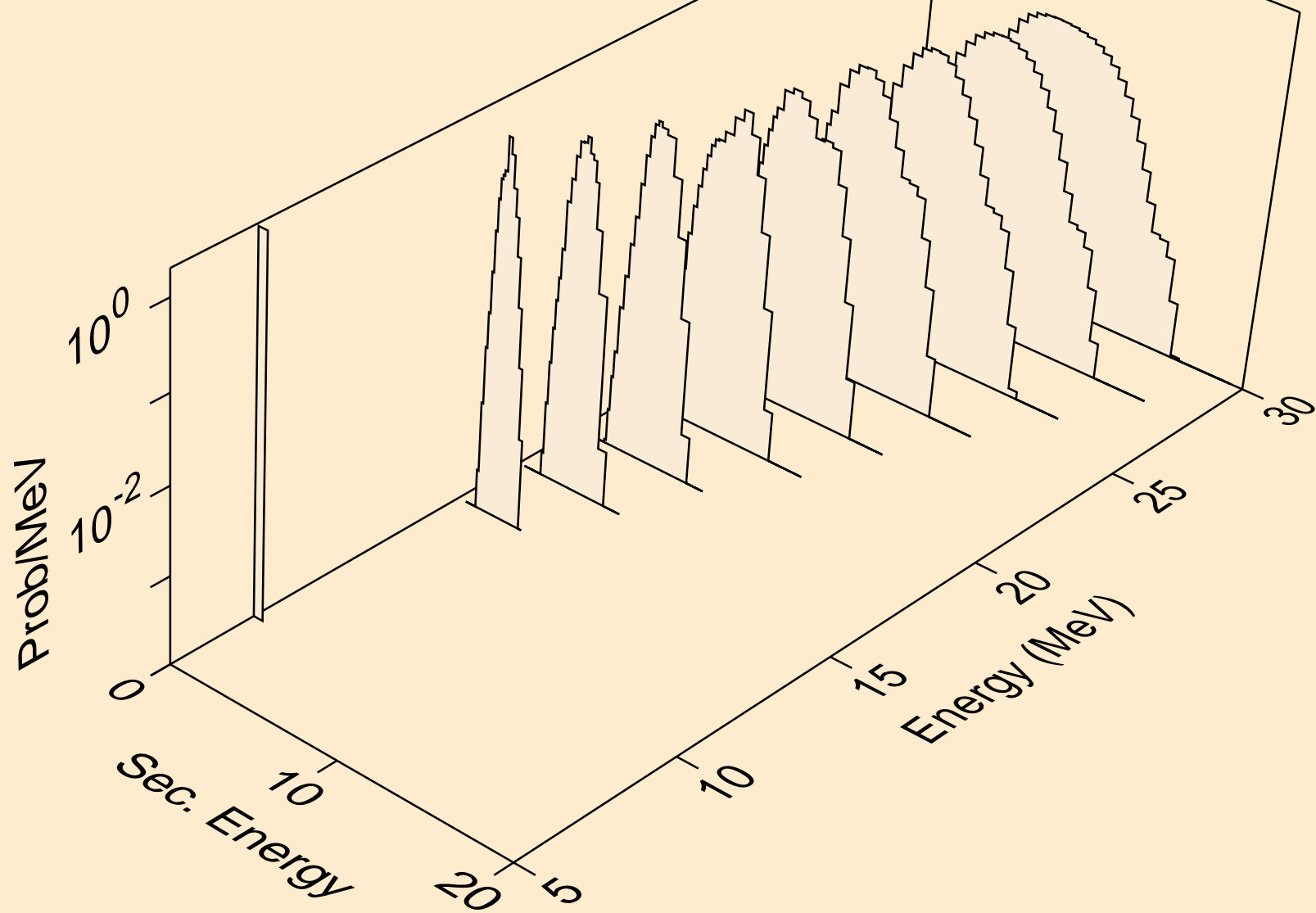
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



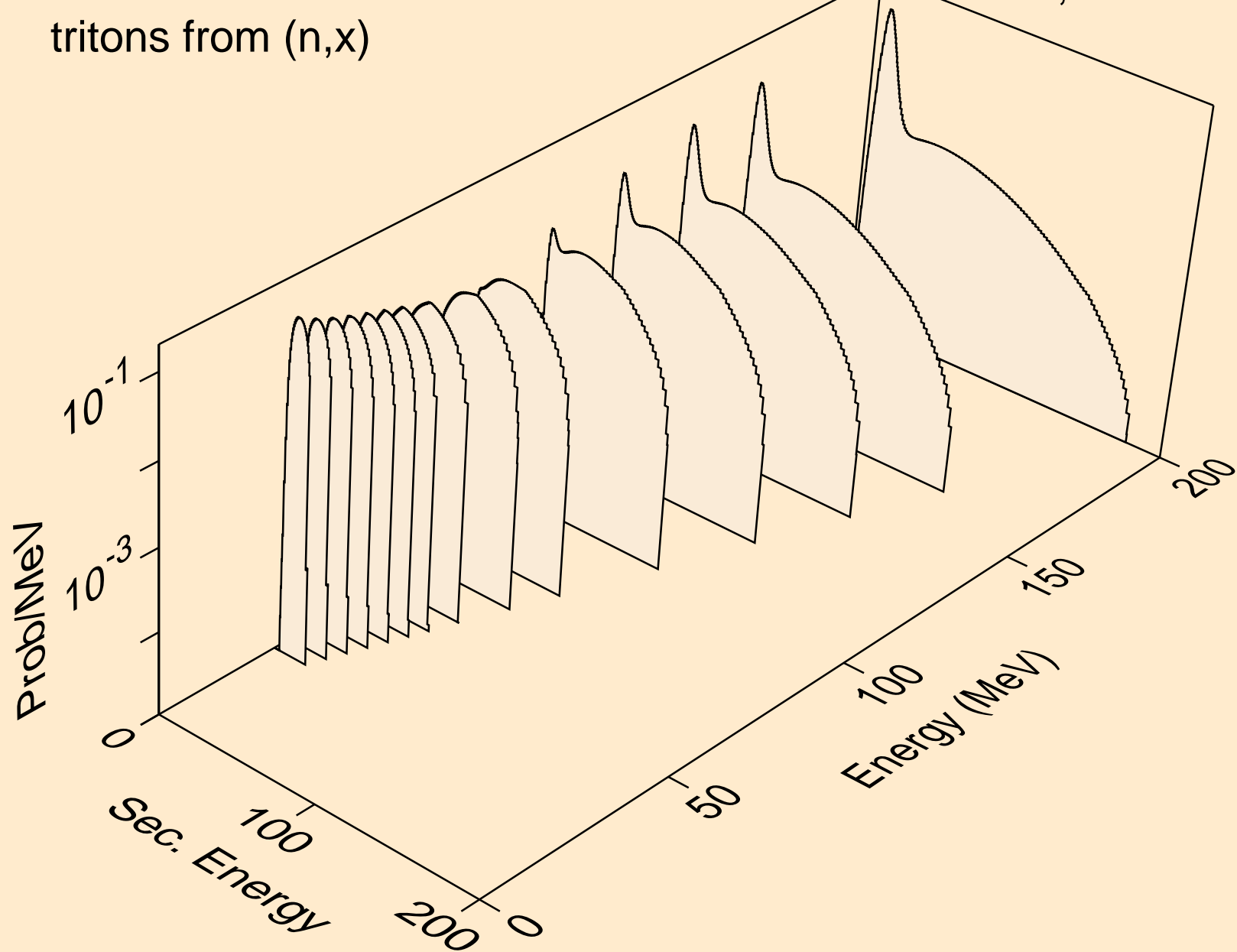
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



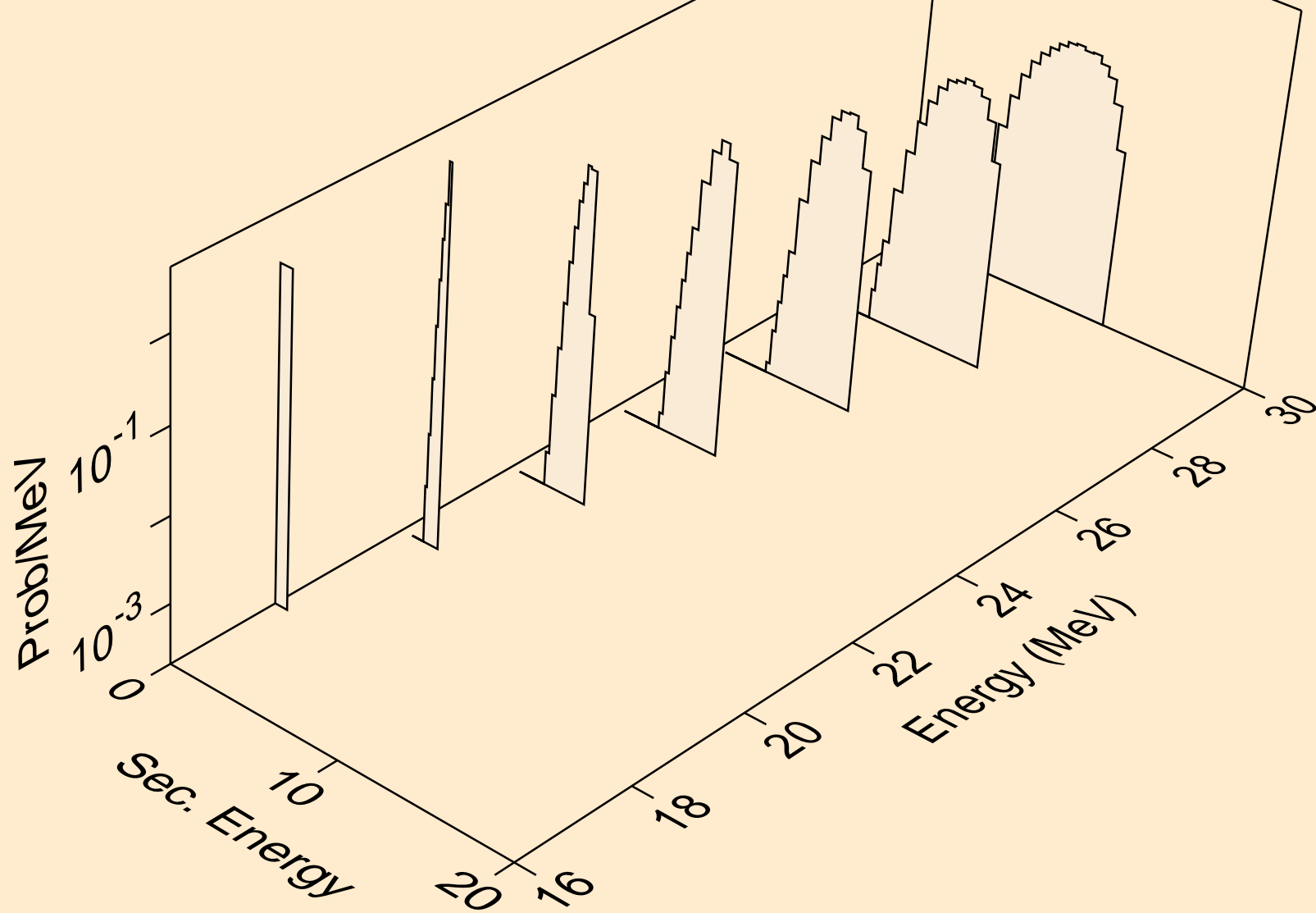
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

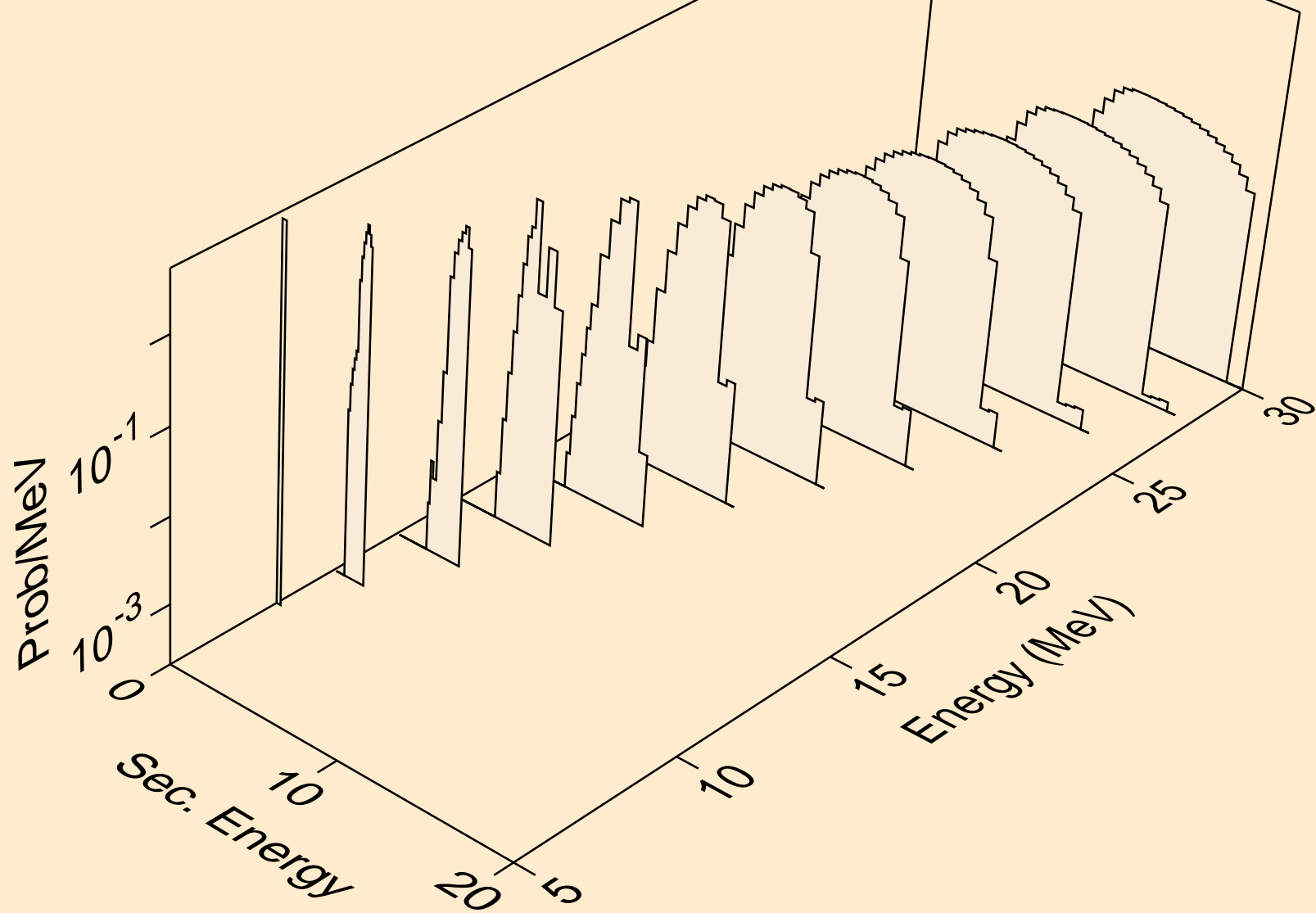


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

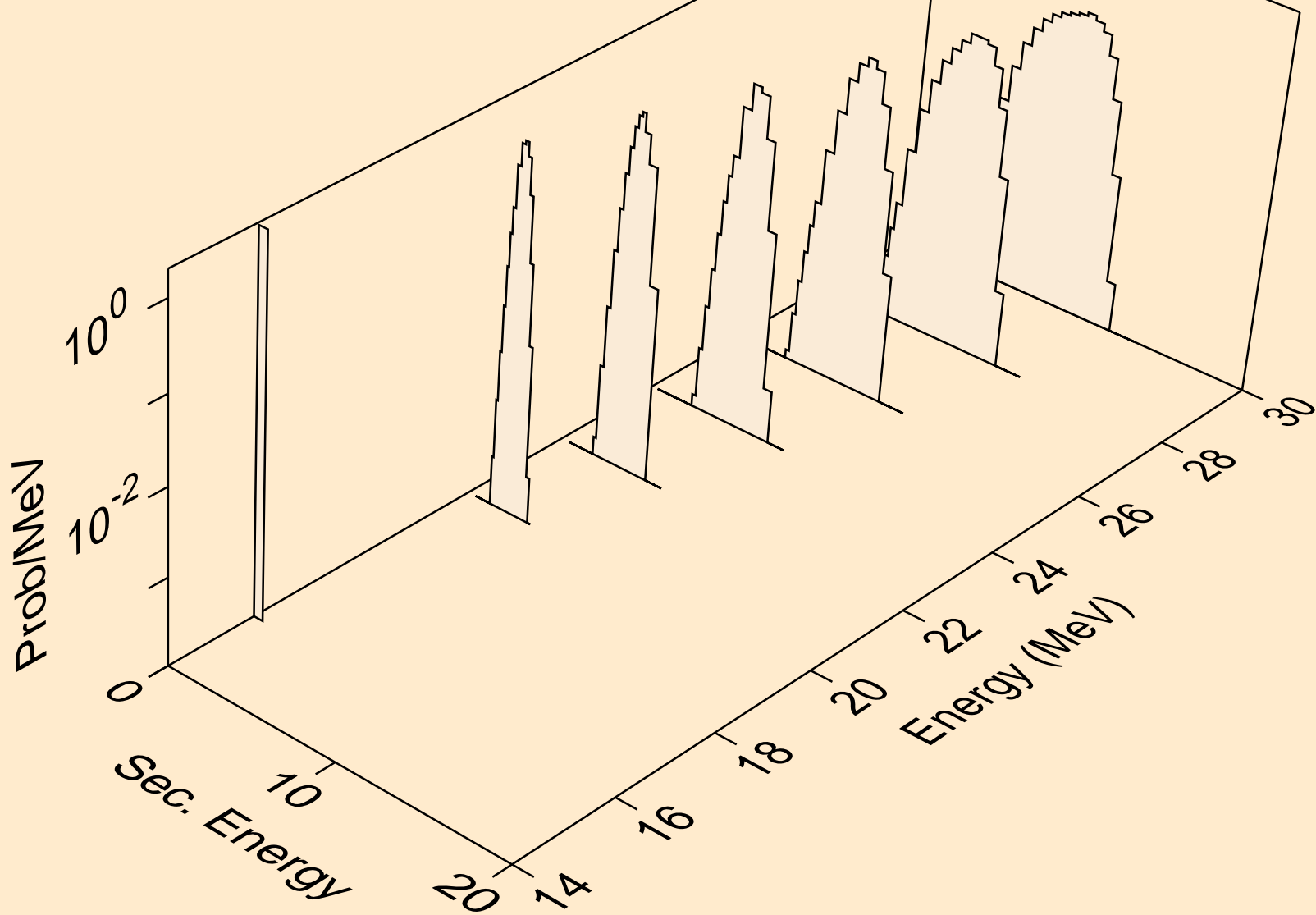




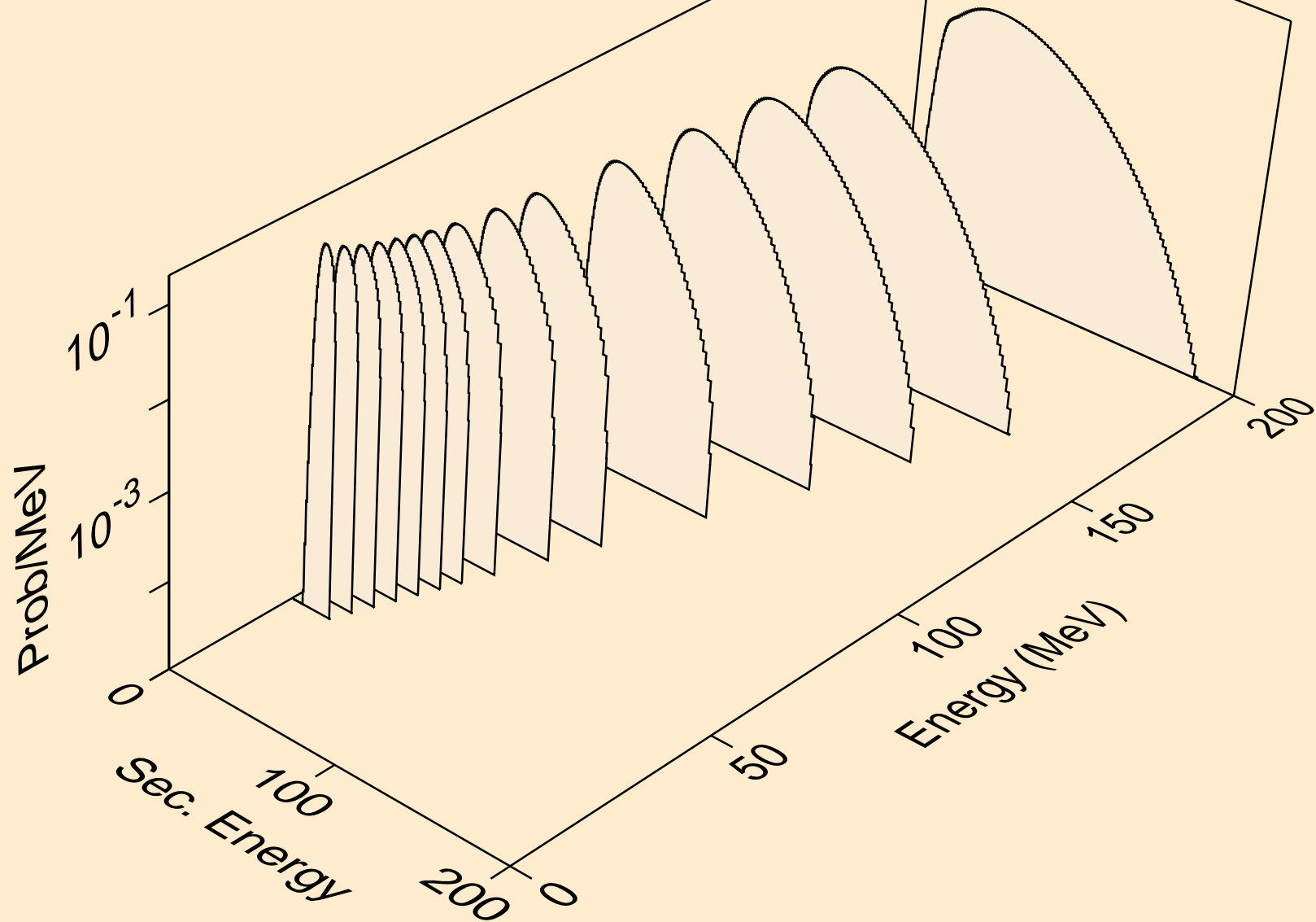
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



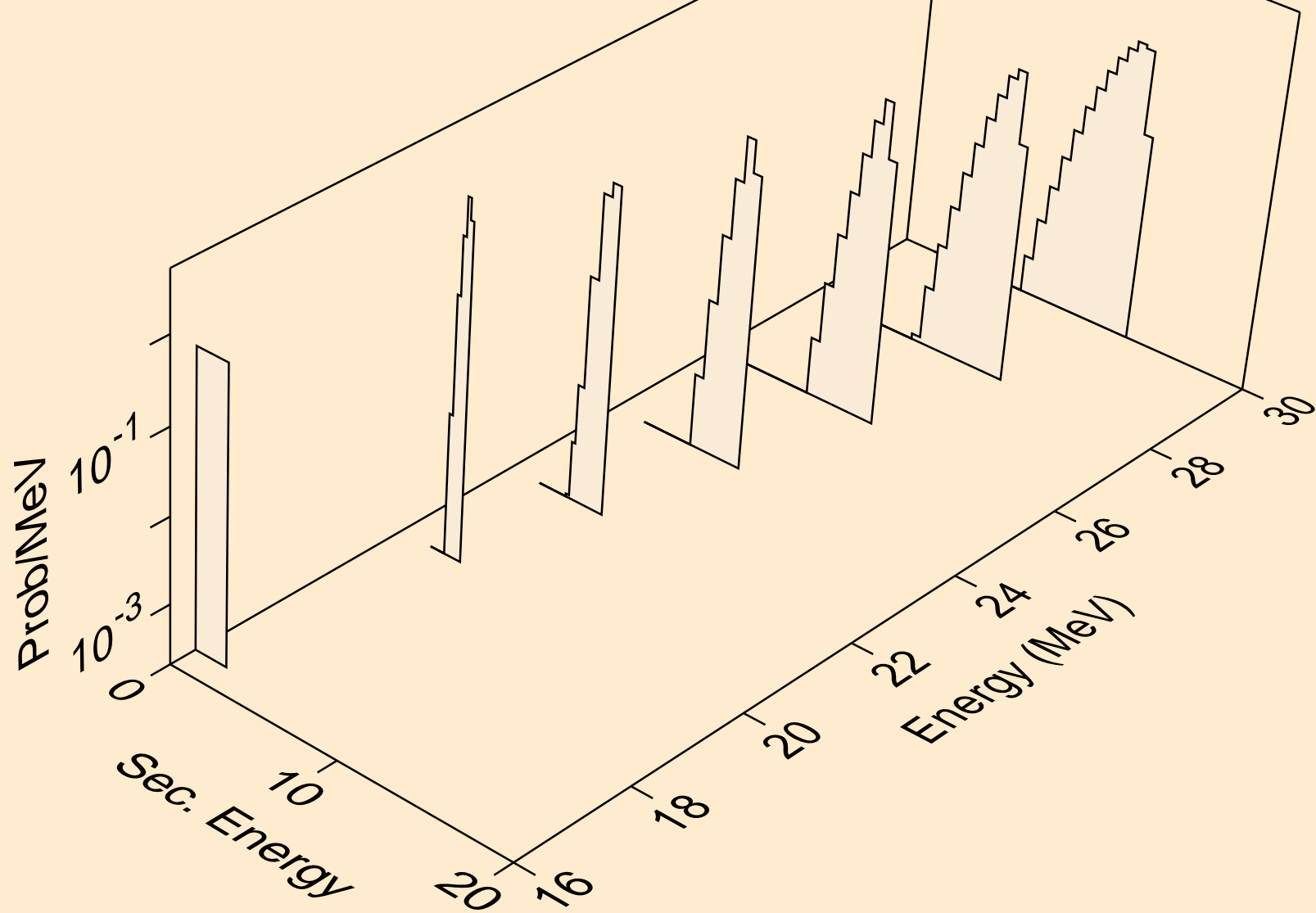
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



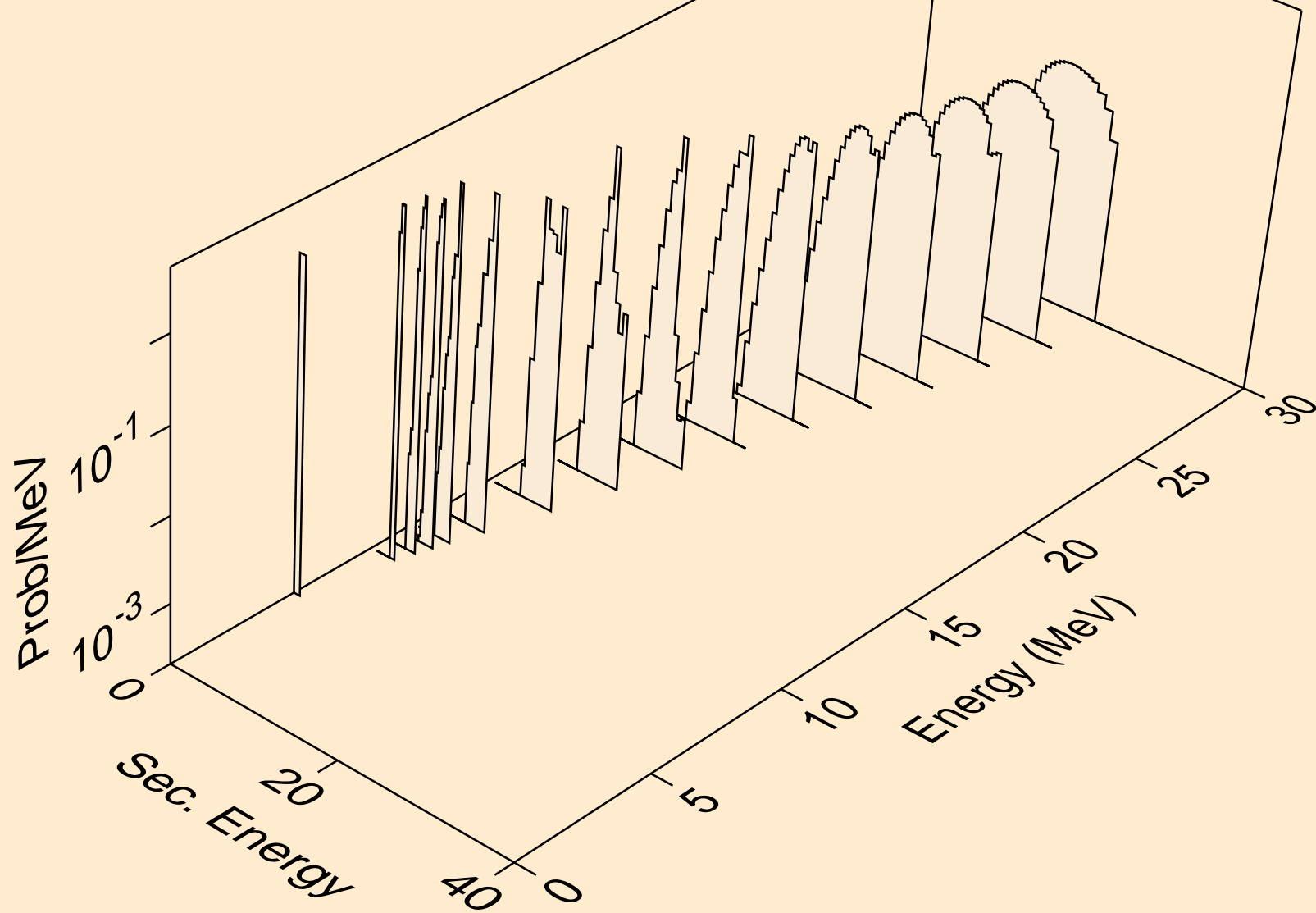
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



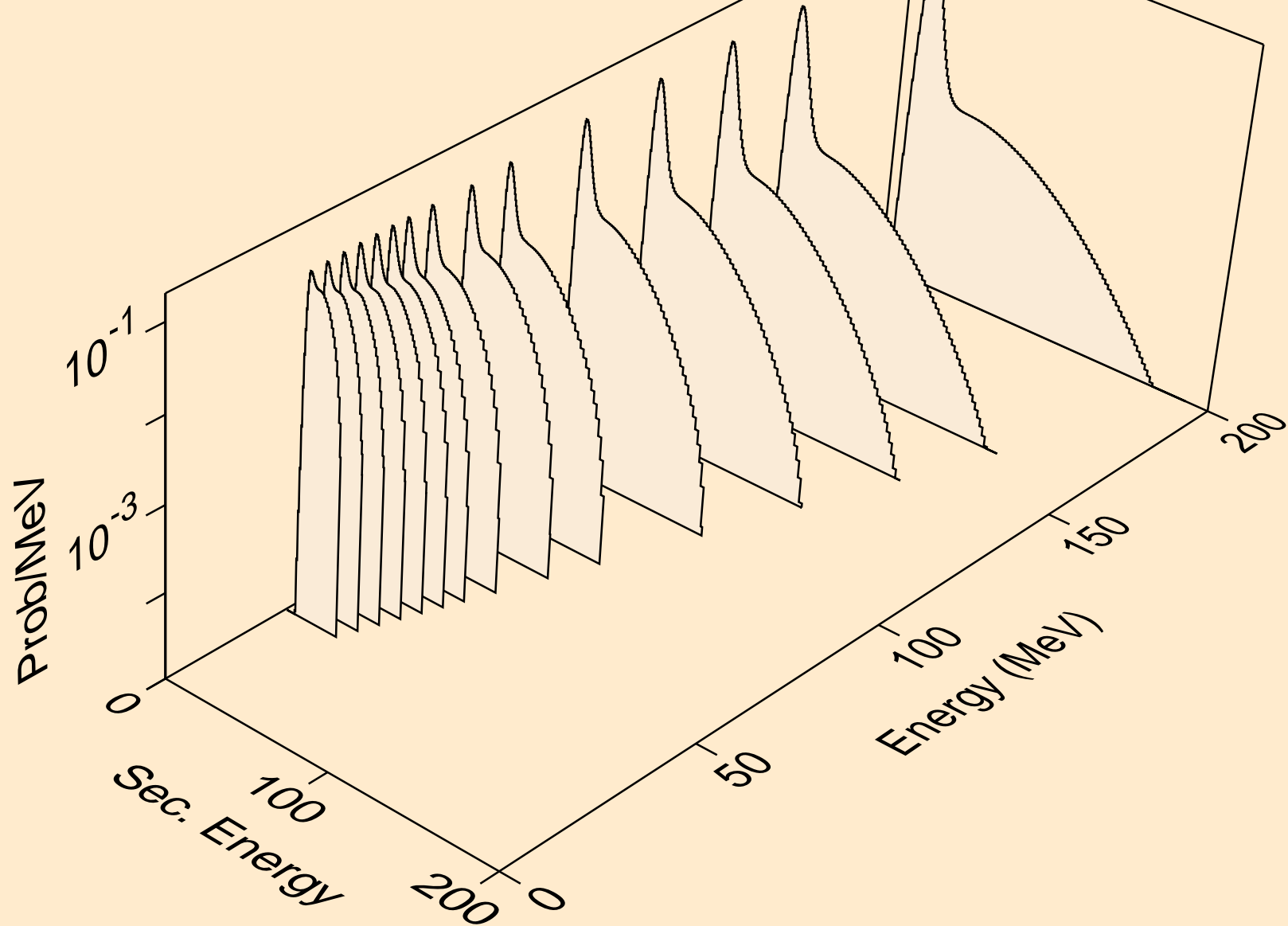
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



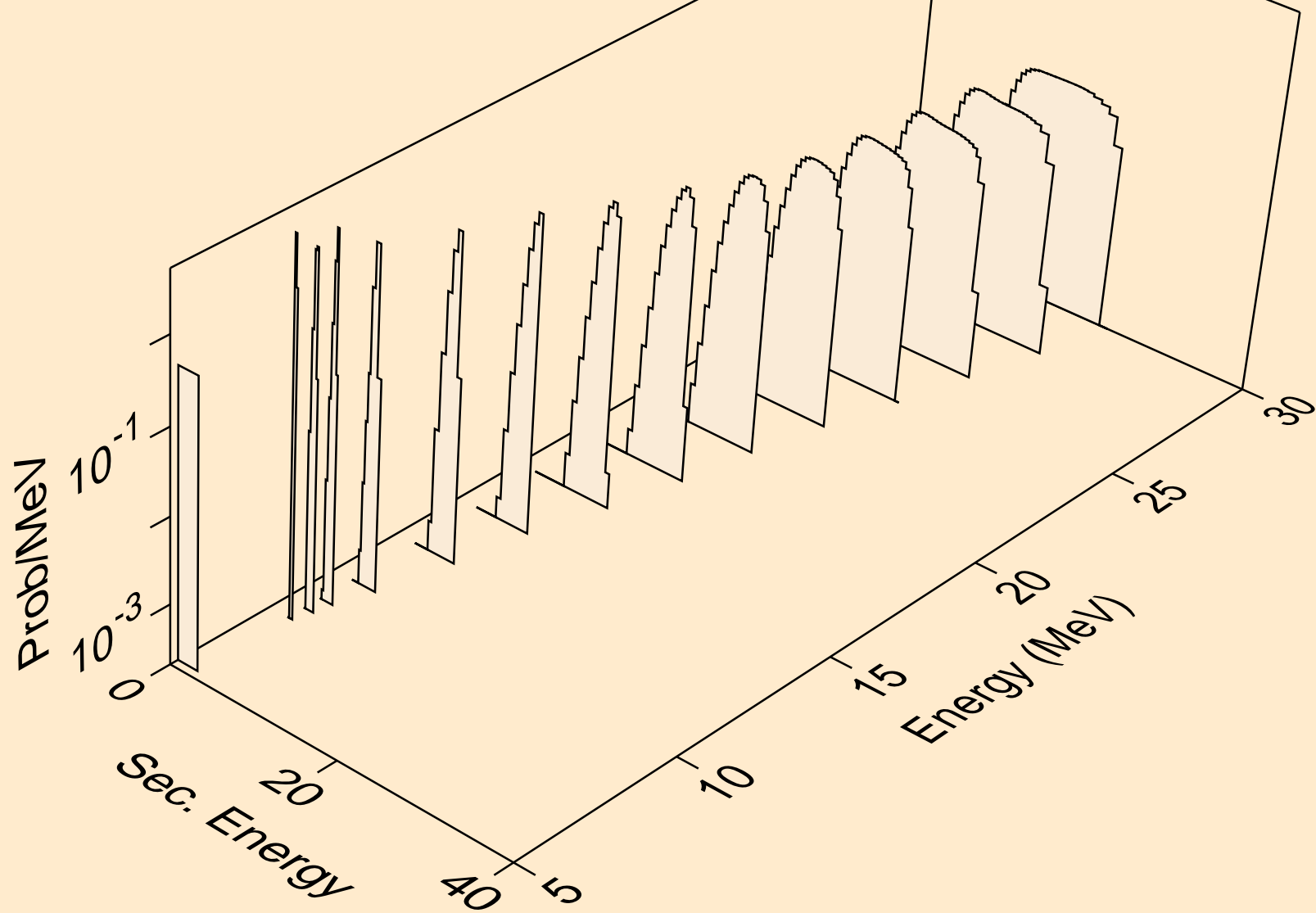
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



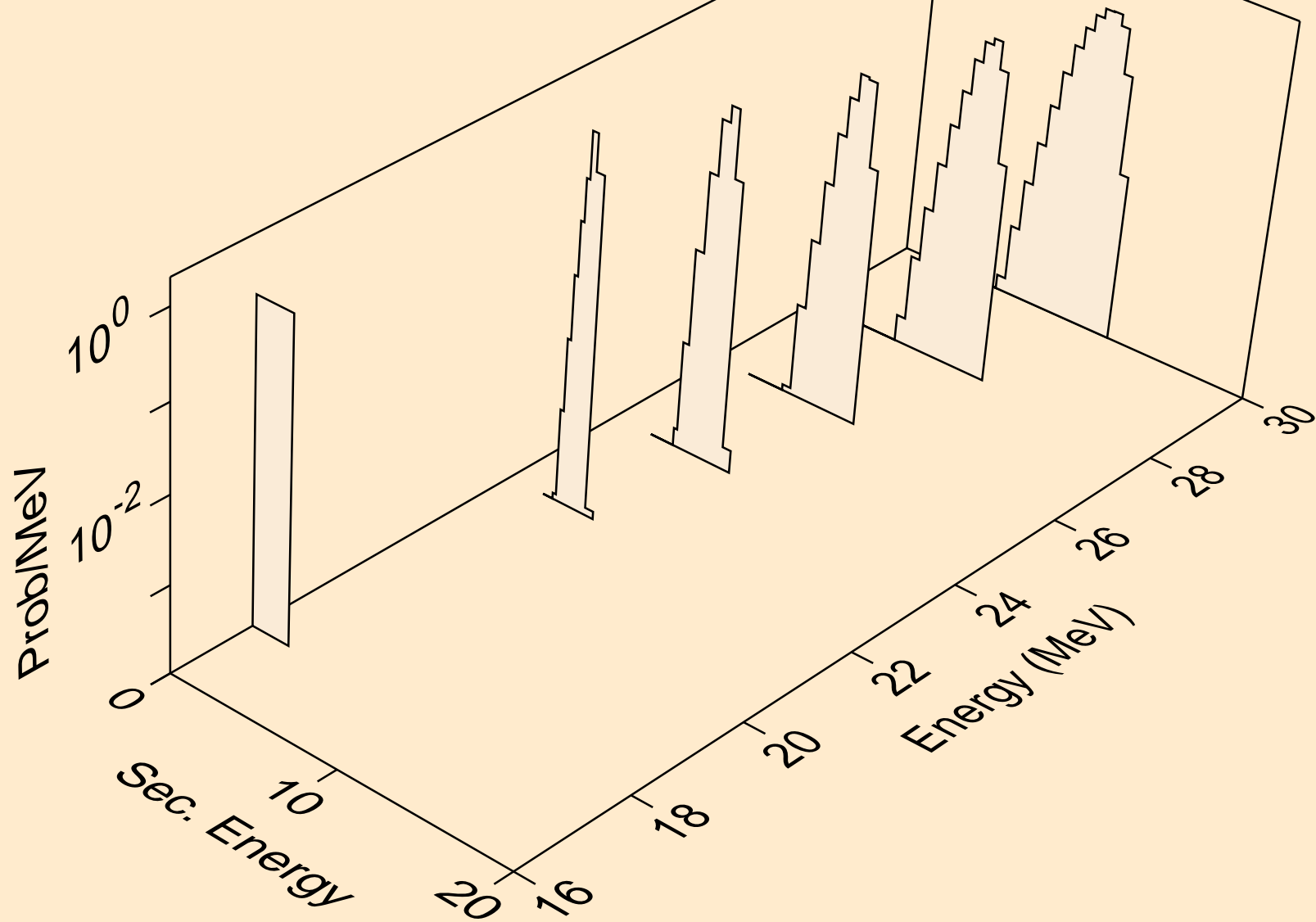
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

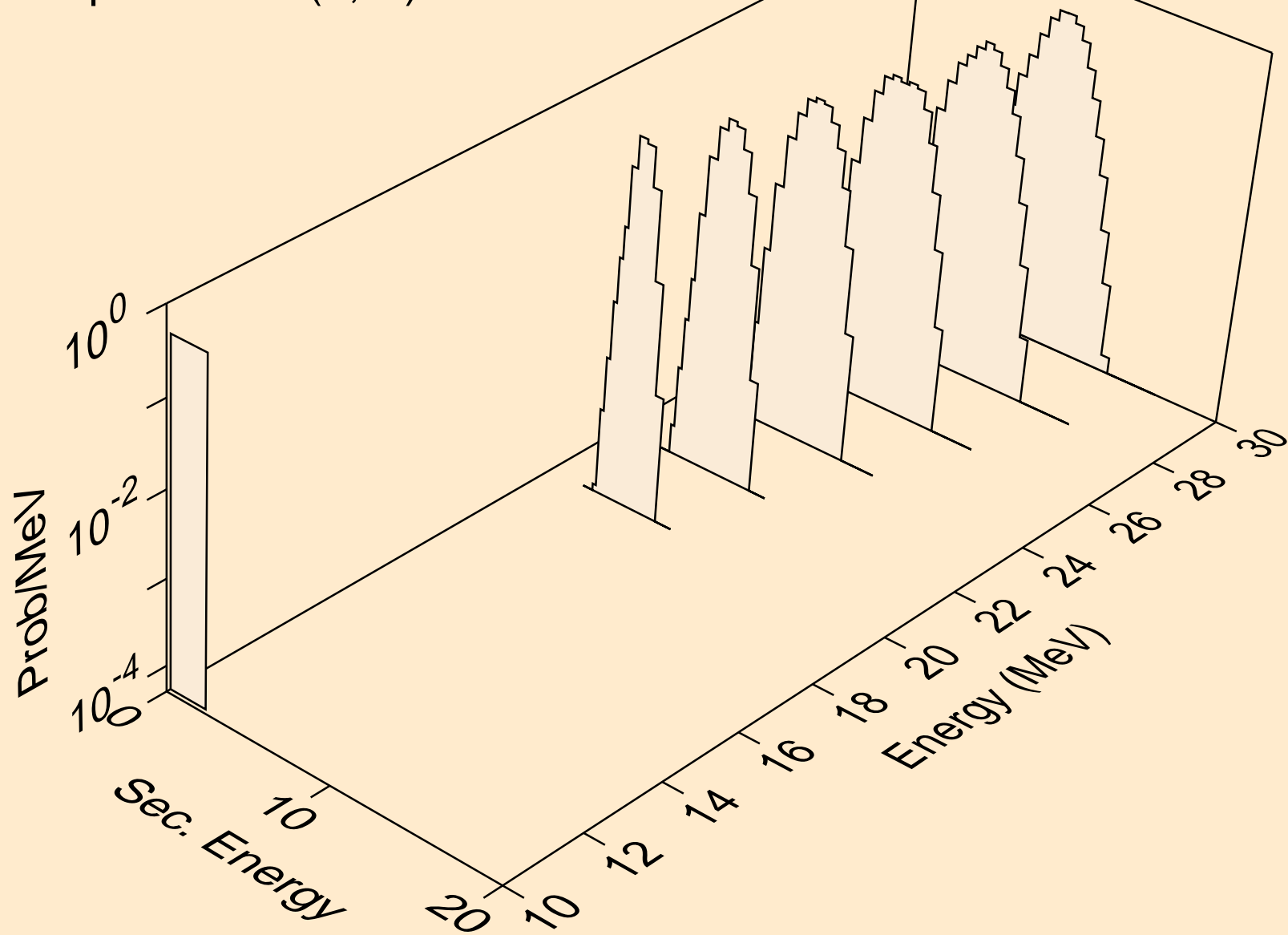


NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

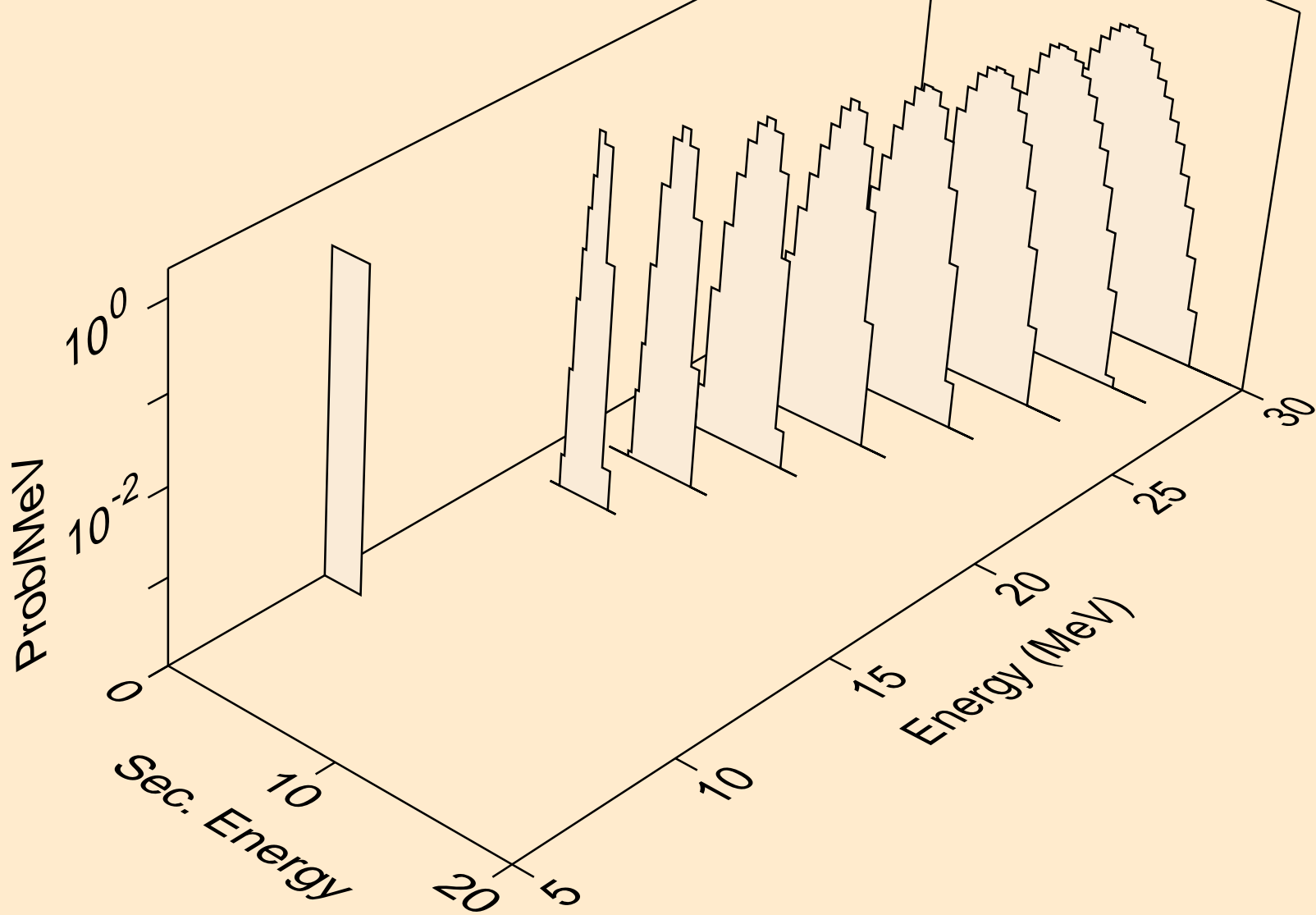




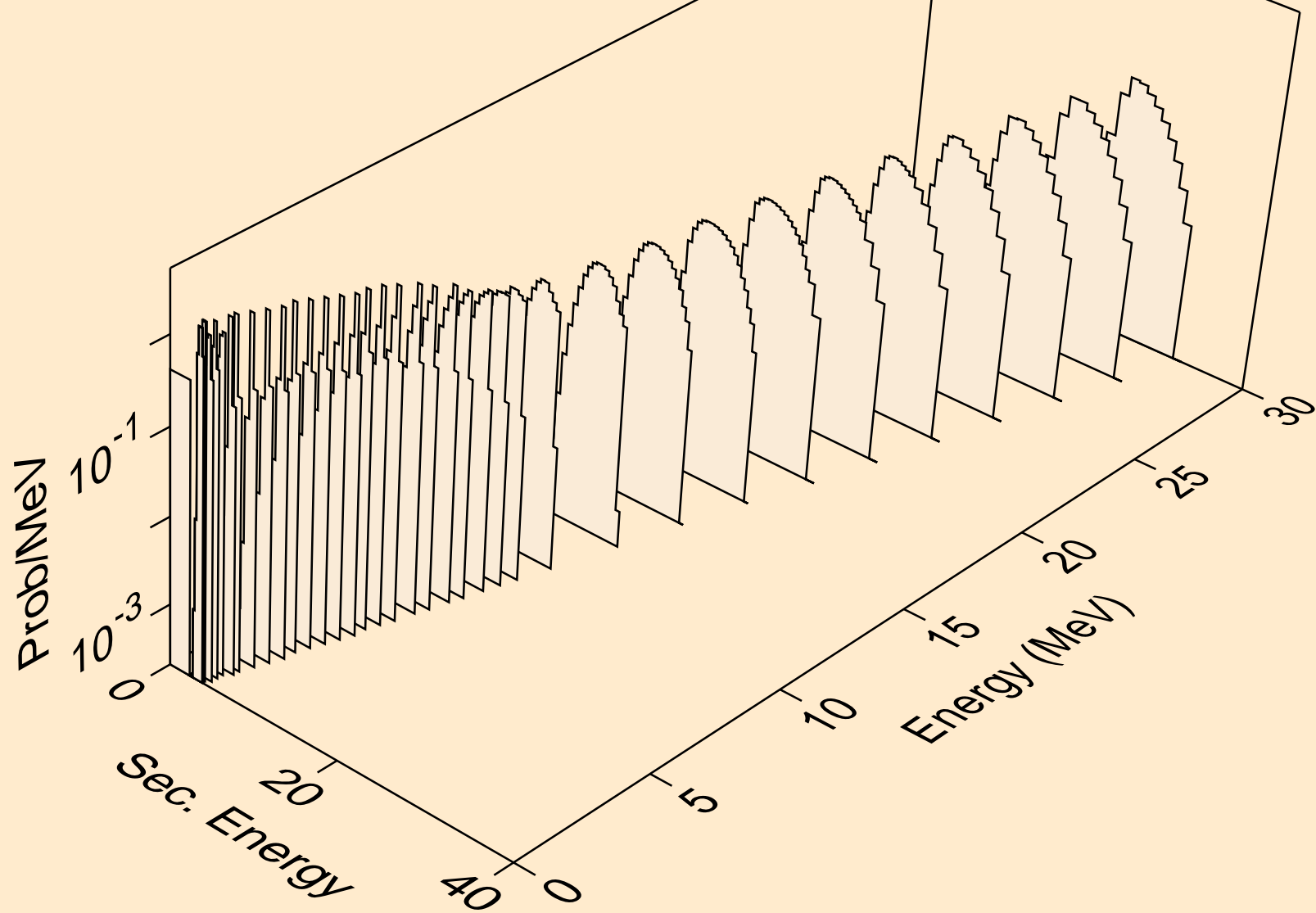
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



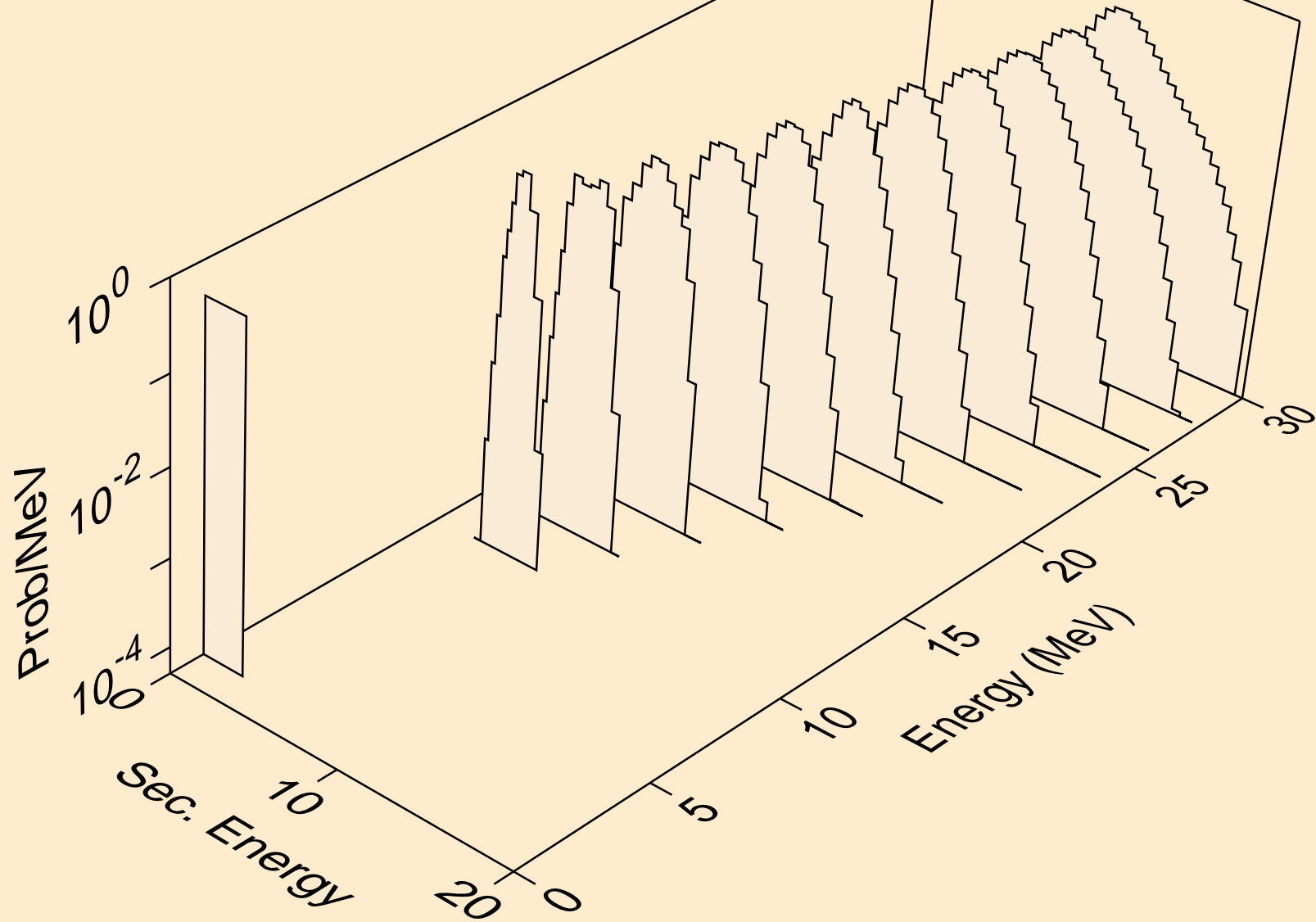
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



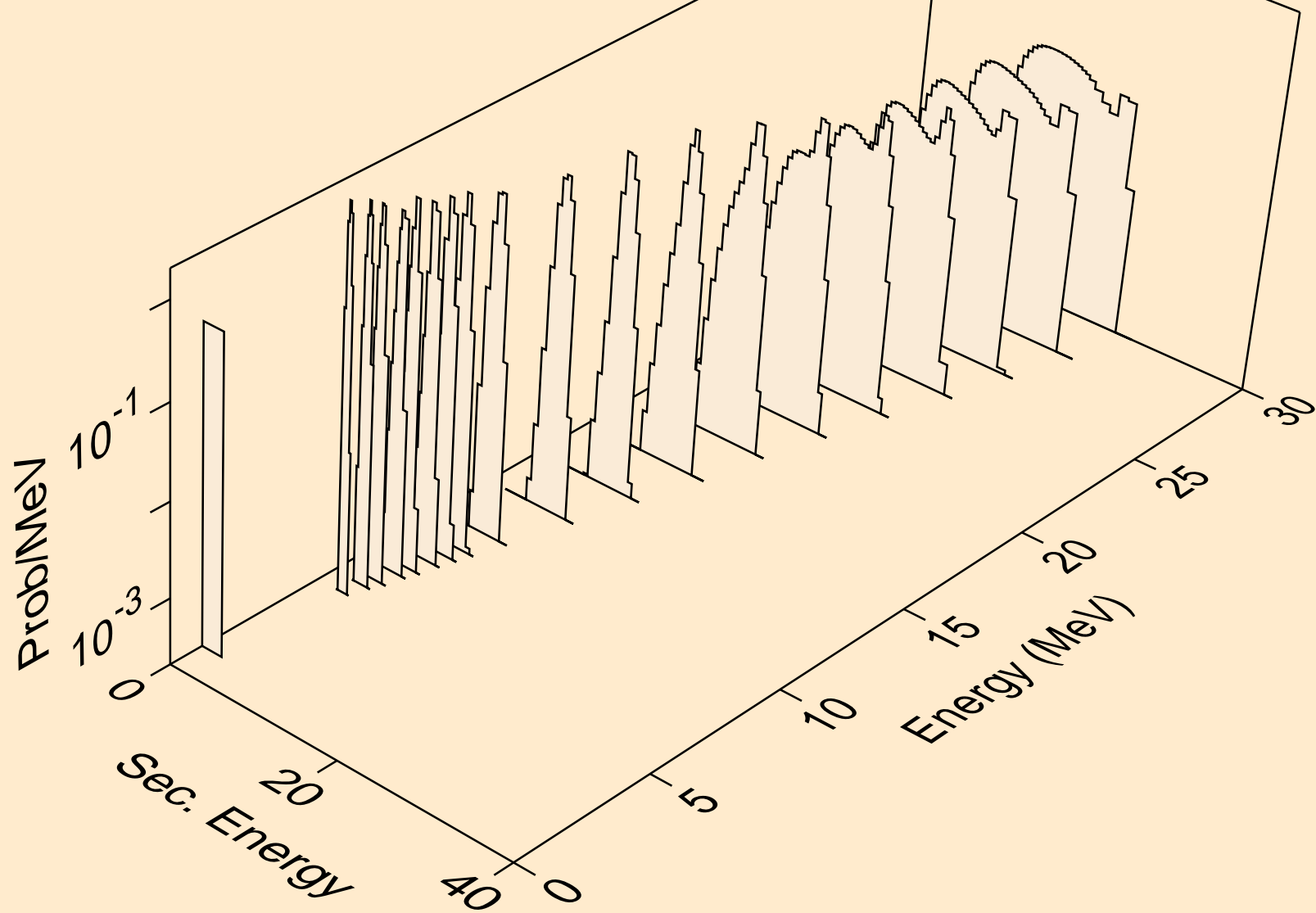
NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



NB089M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

