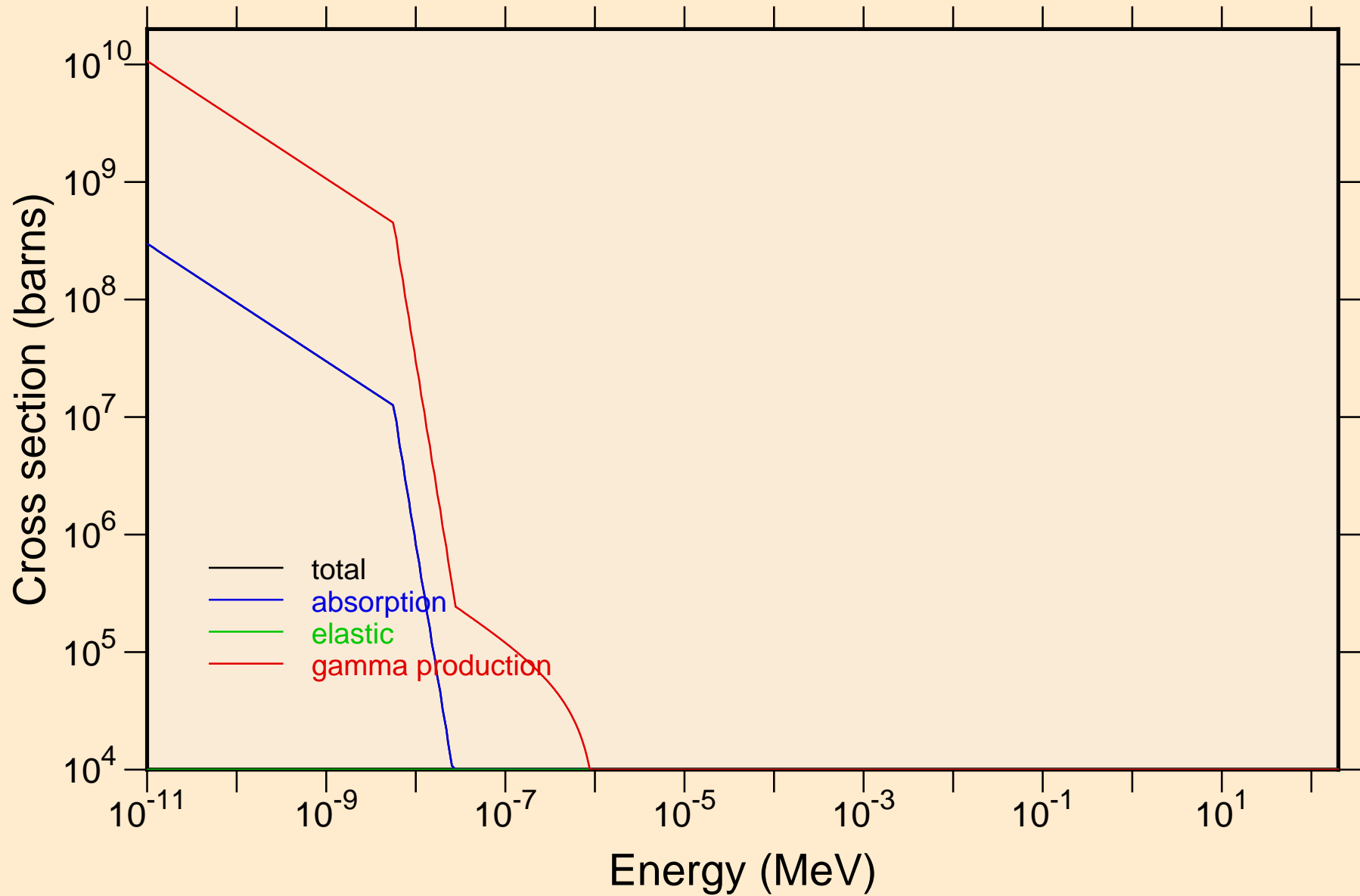


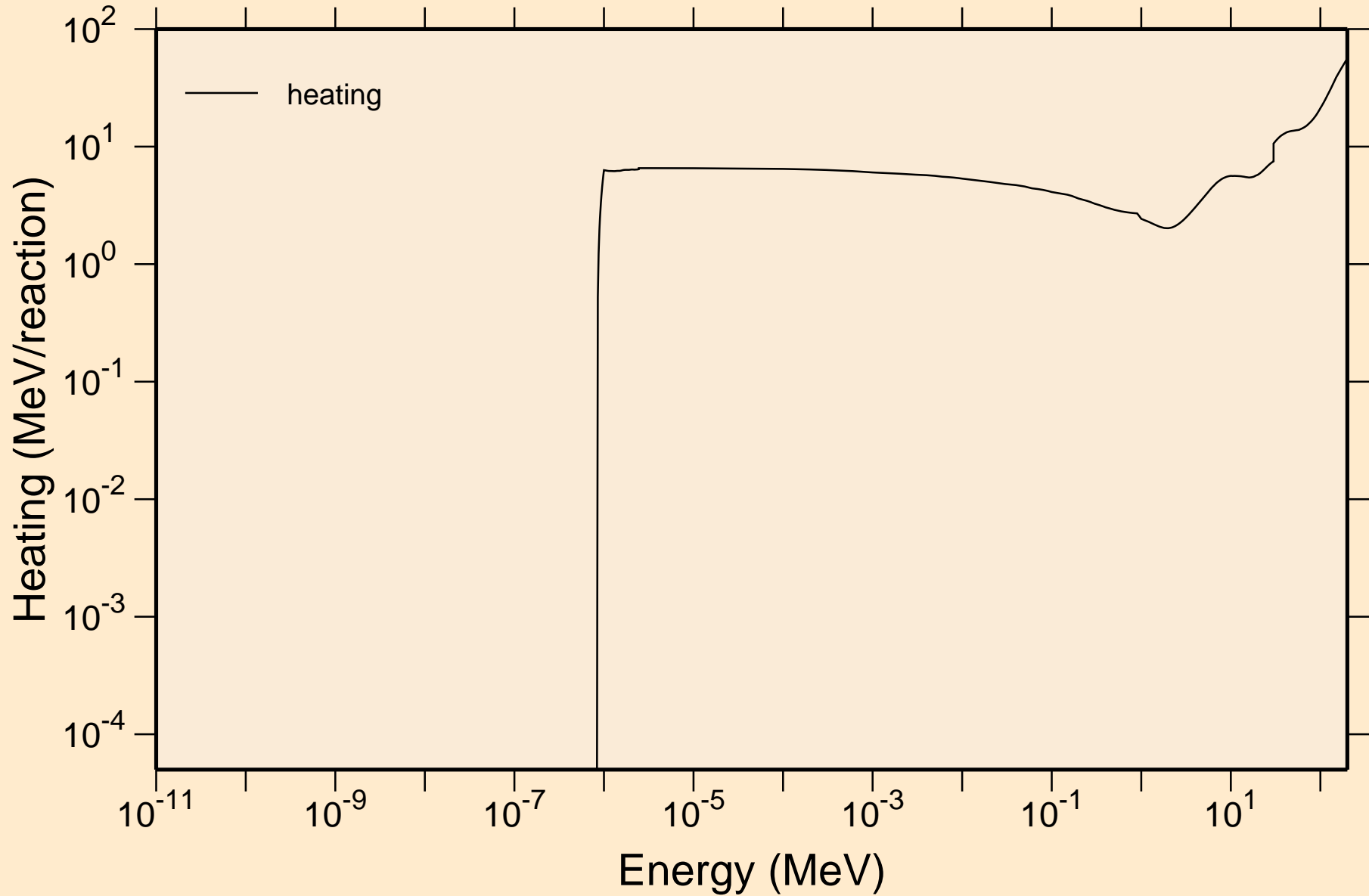
# PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



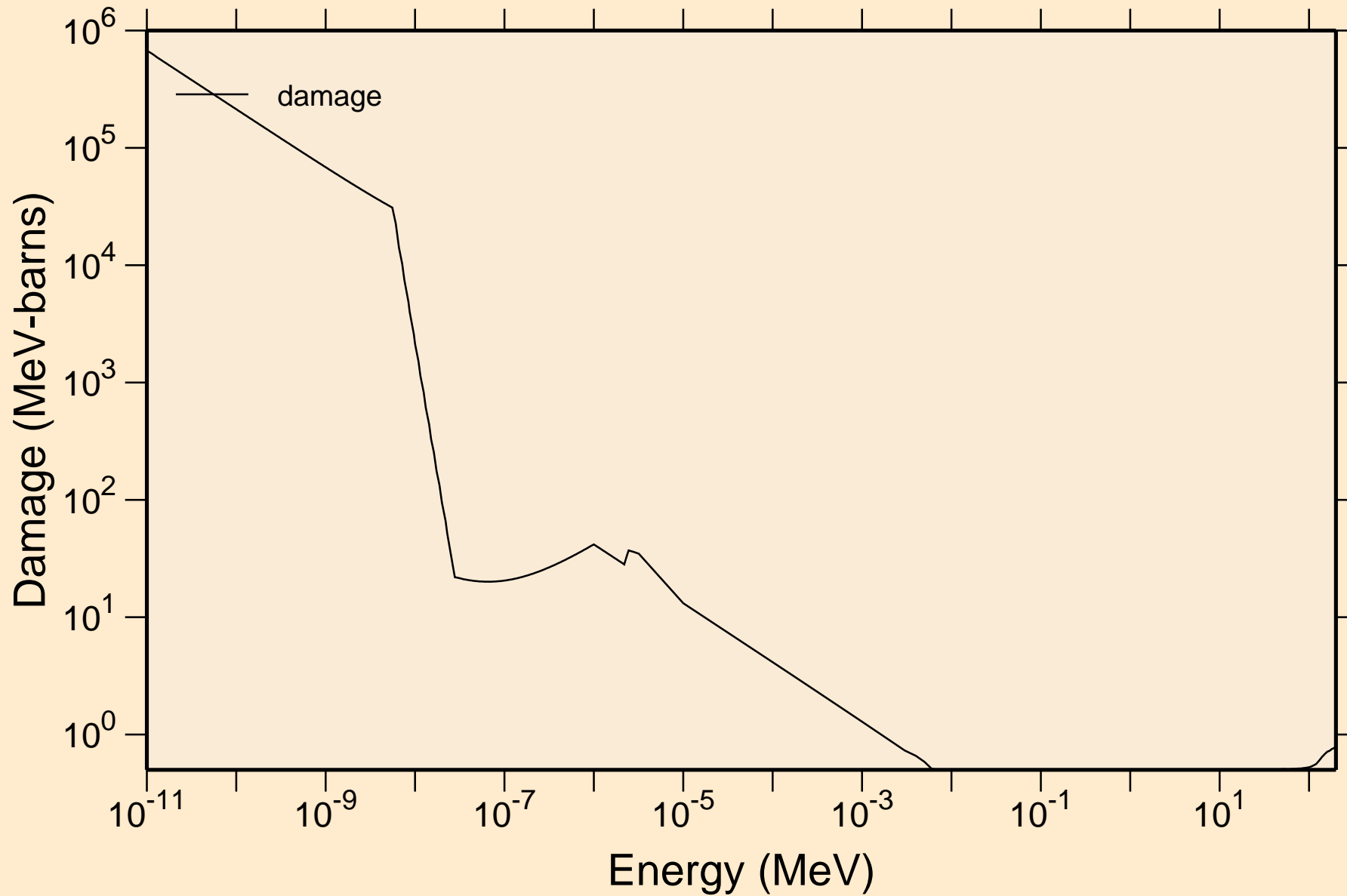
# PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



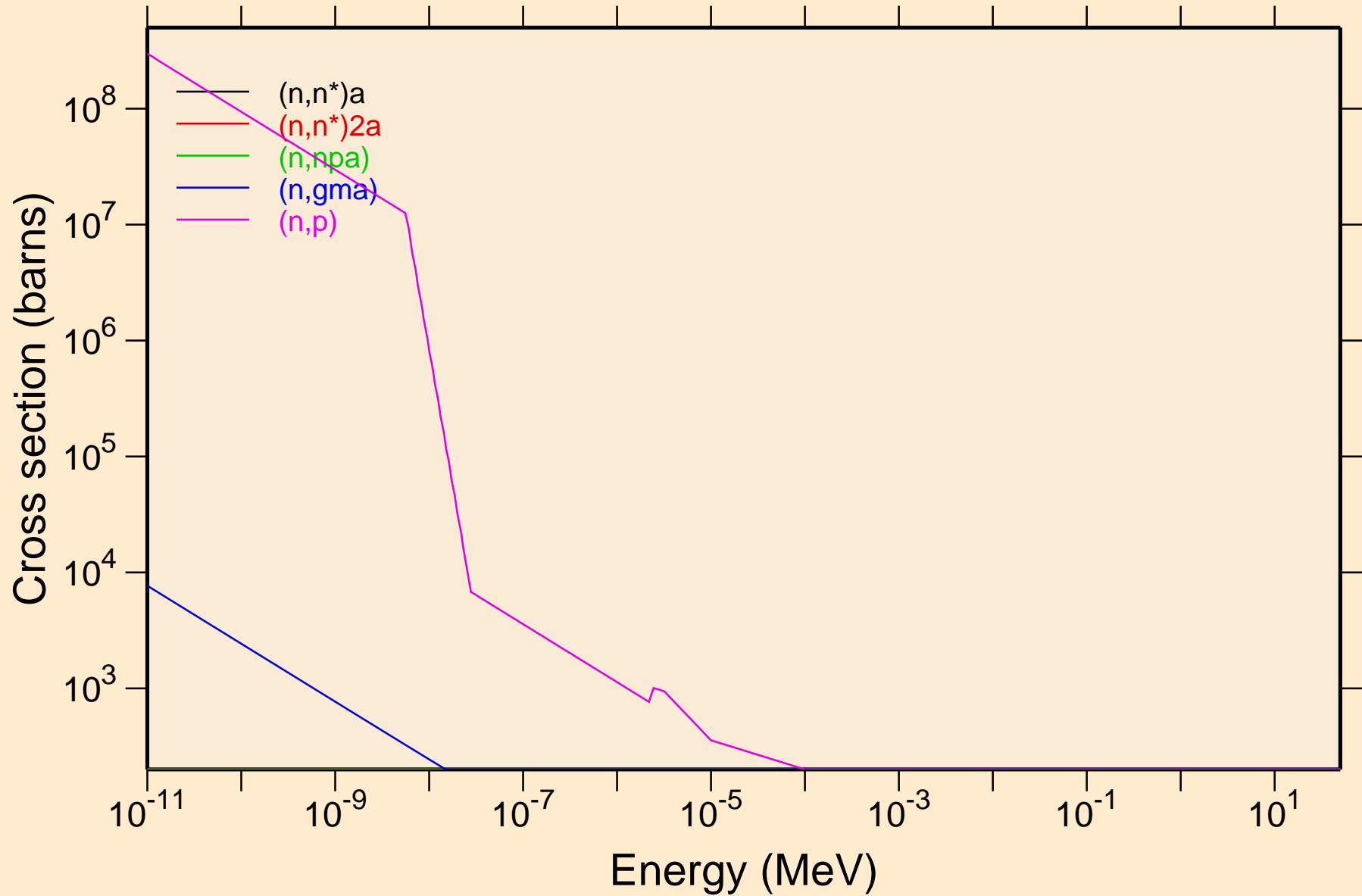
# PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

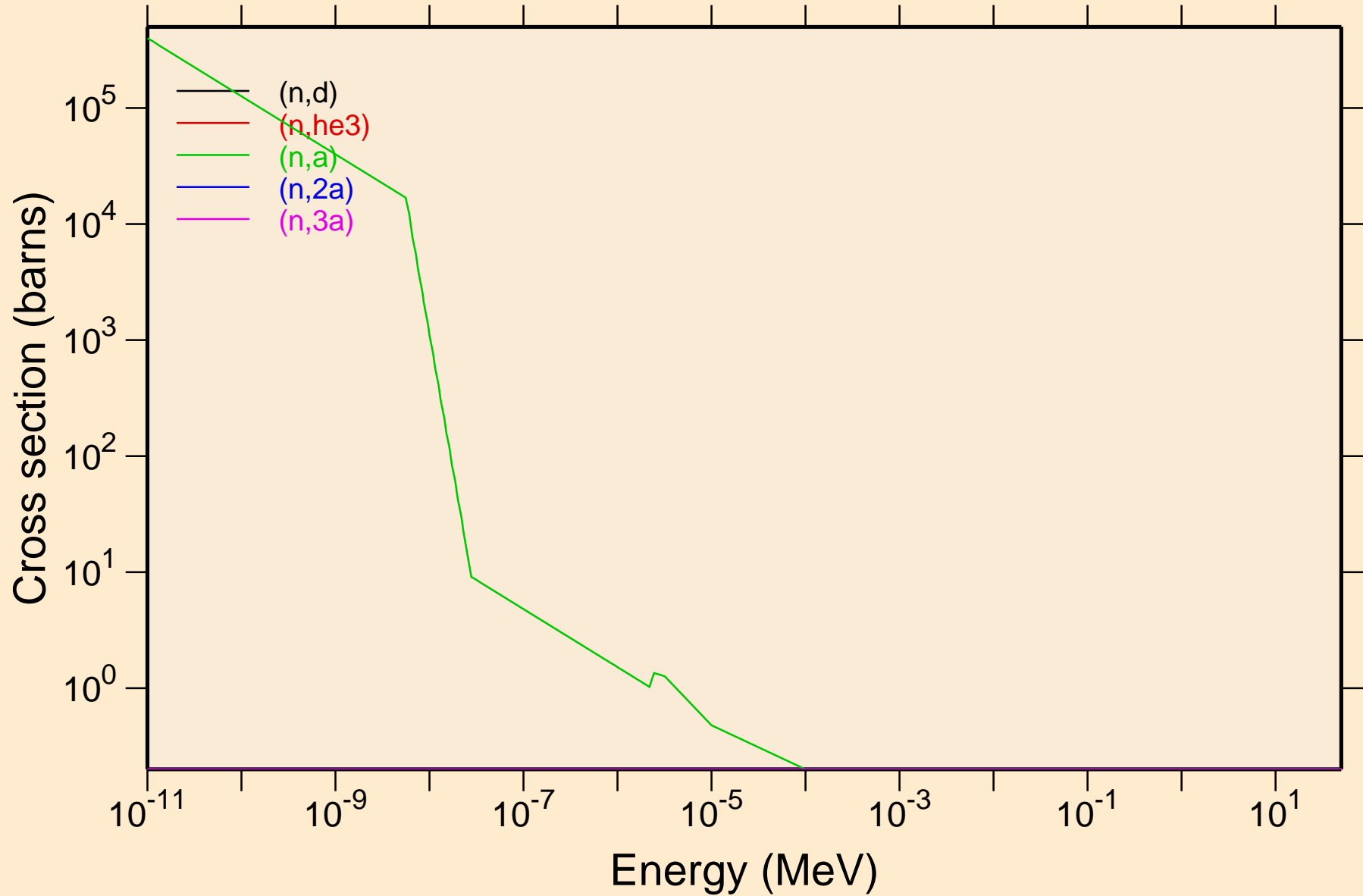


# PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

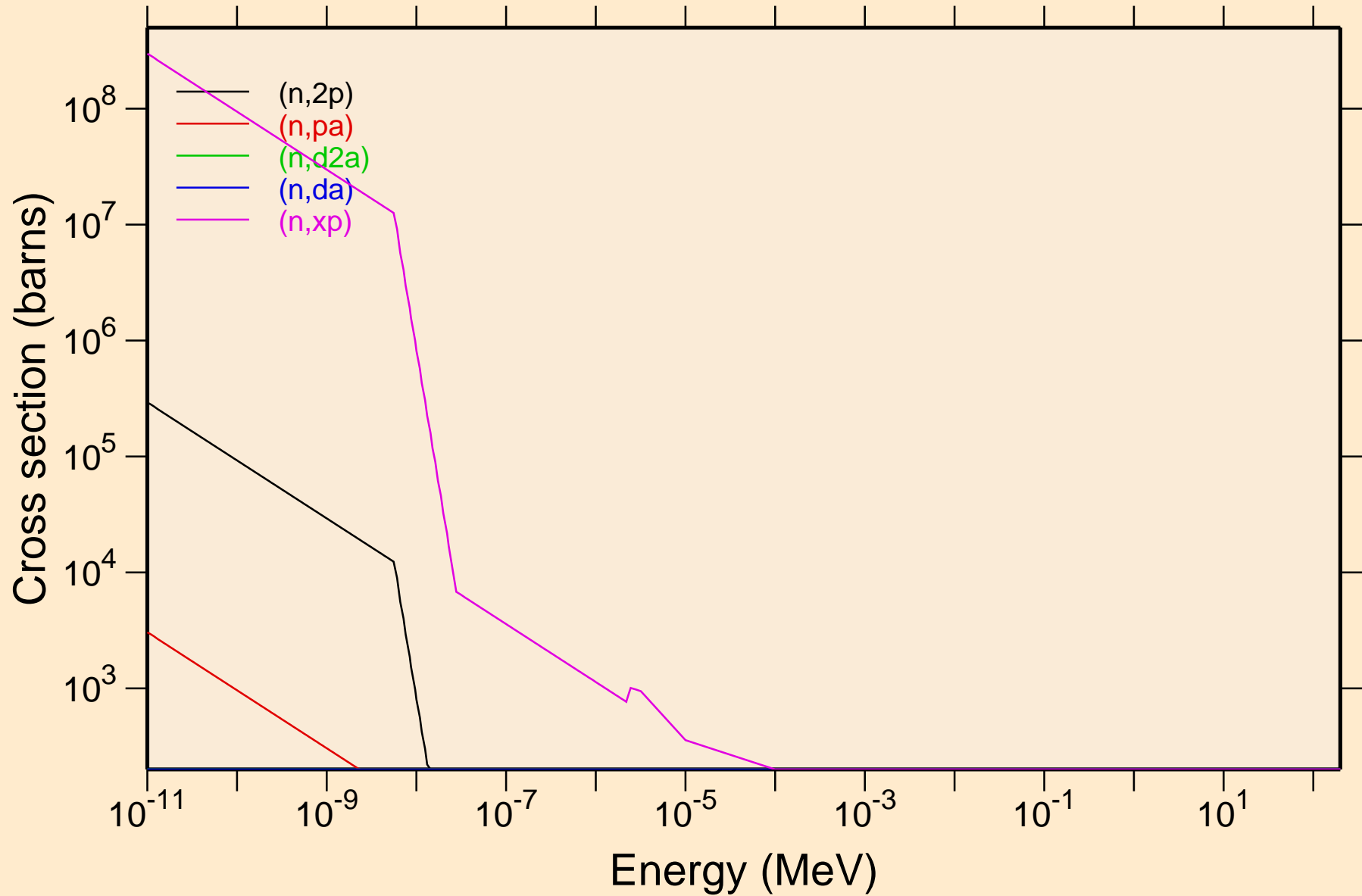
## Non-threshold reactions



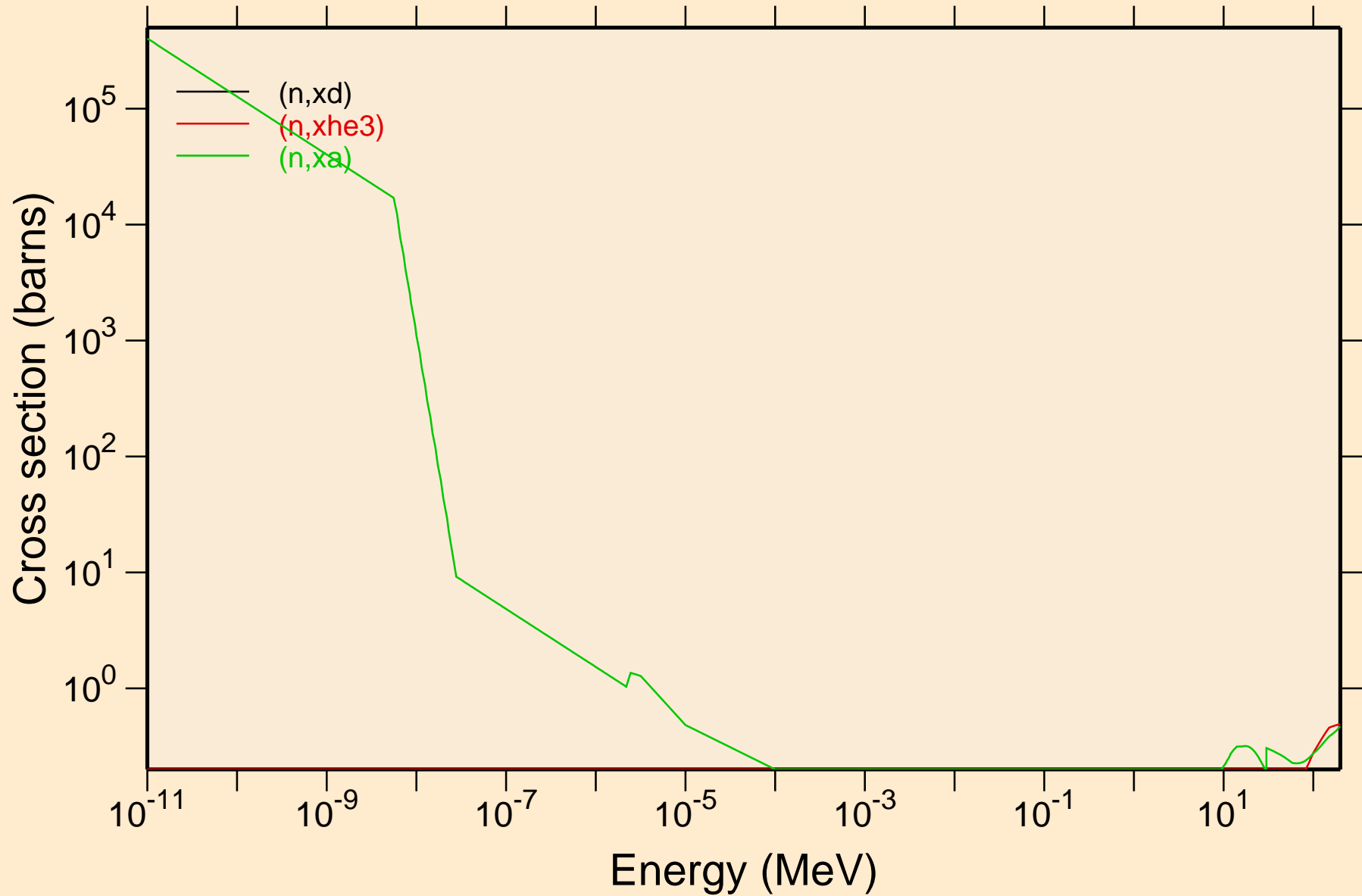
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

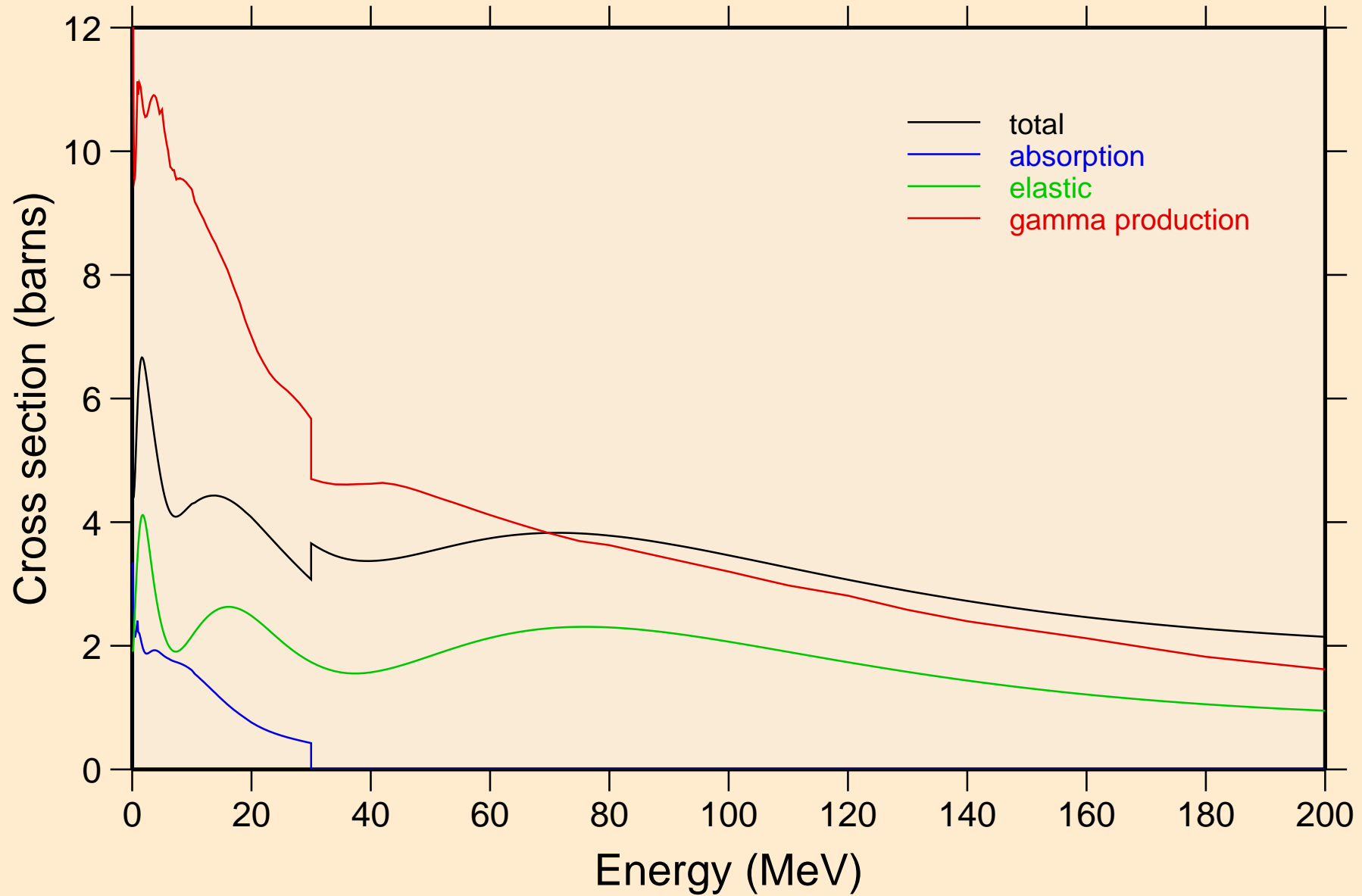


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

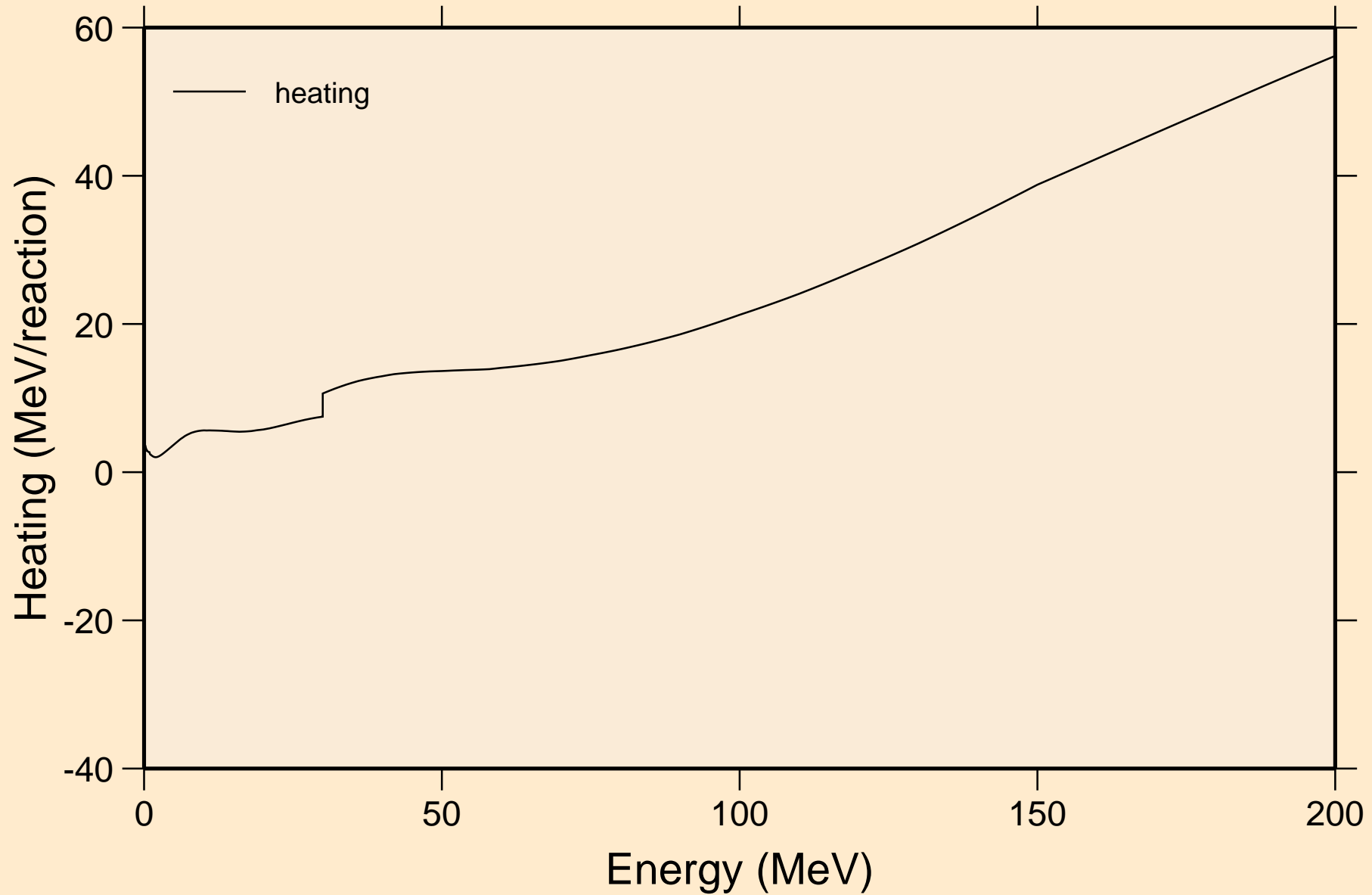
## Principal cross sections





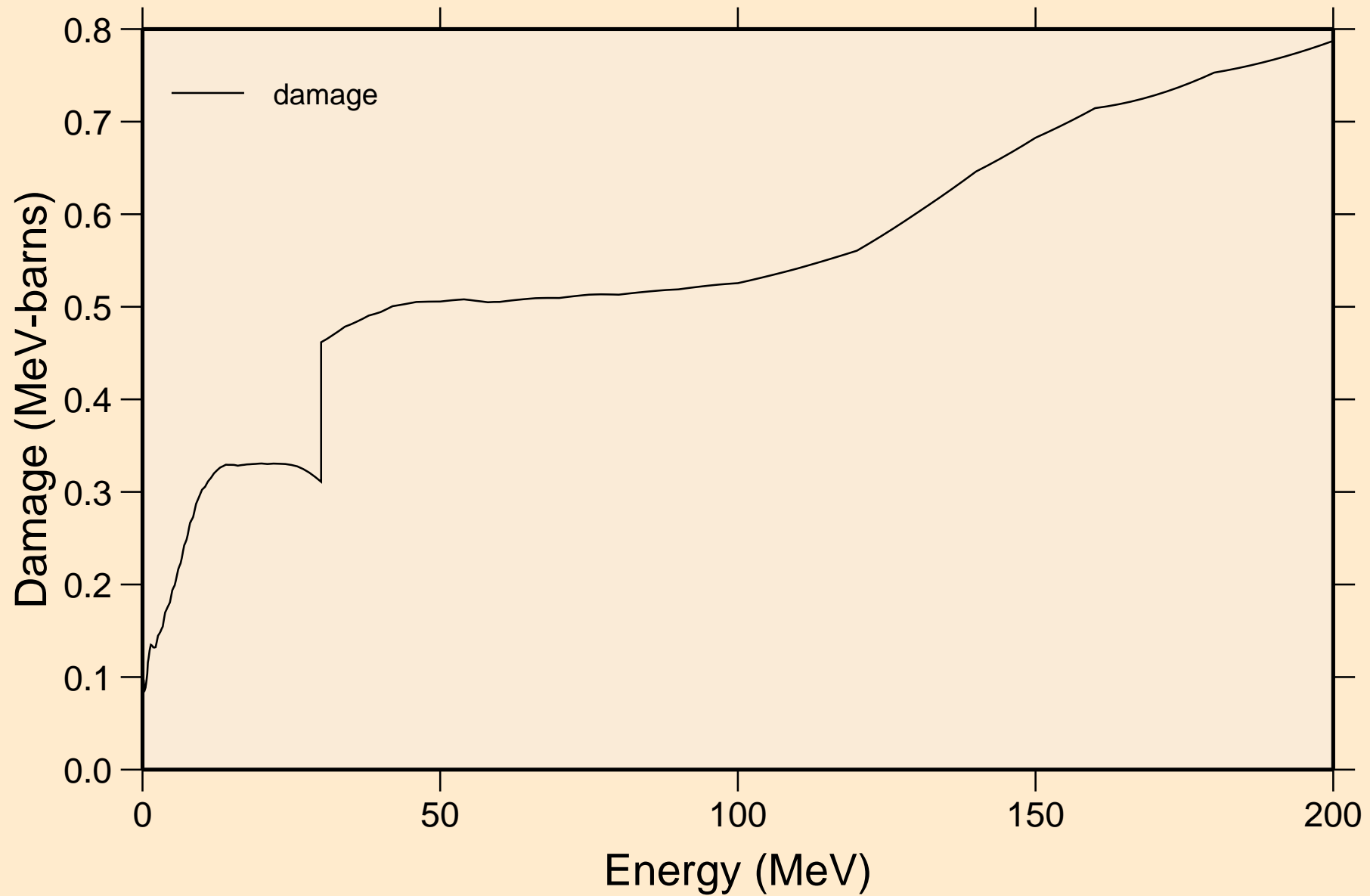
# PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

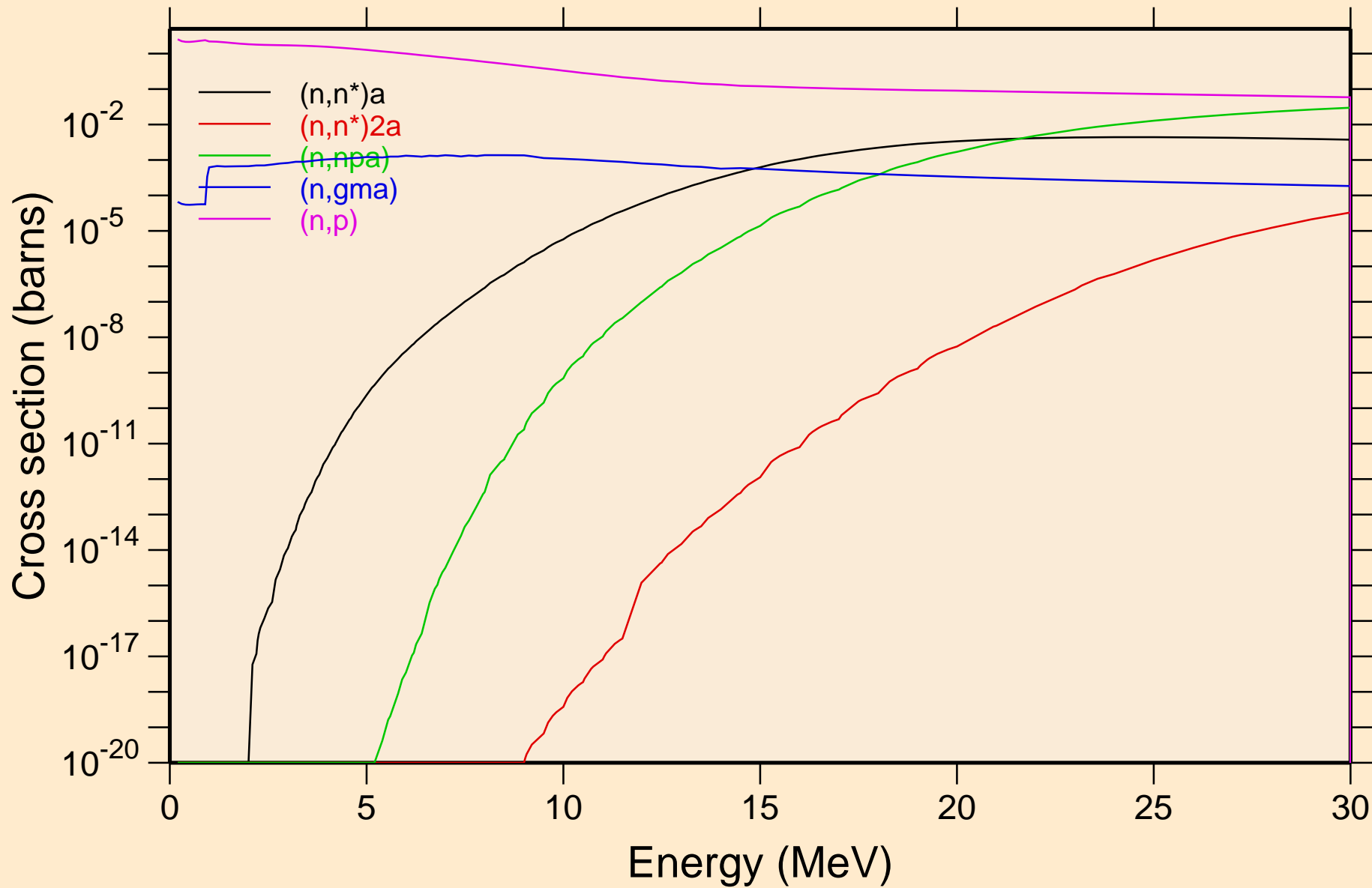


# PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

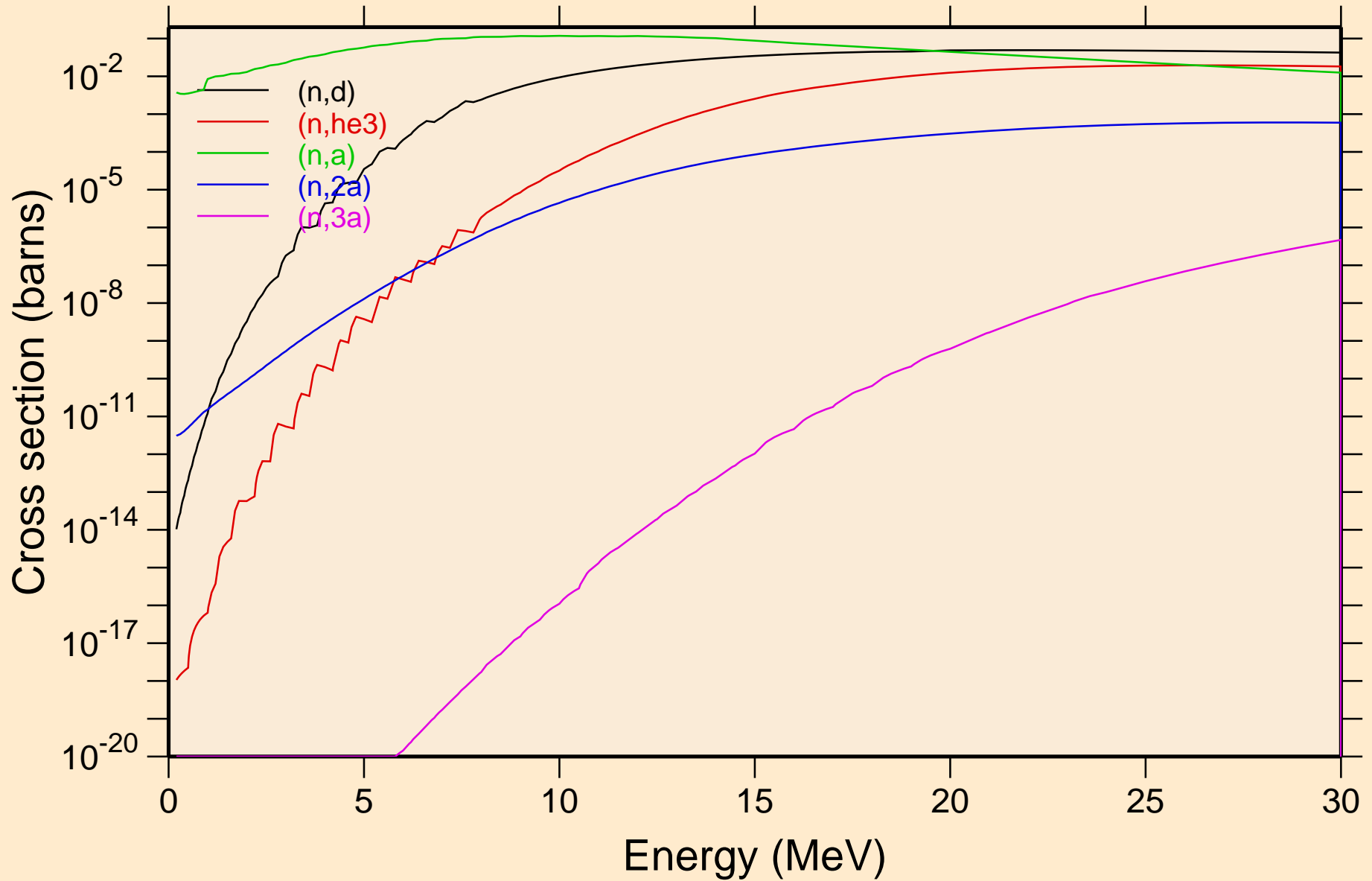
## Damage



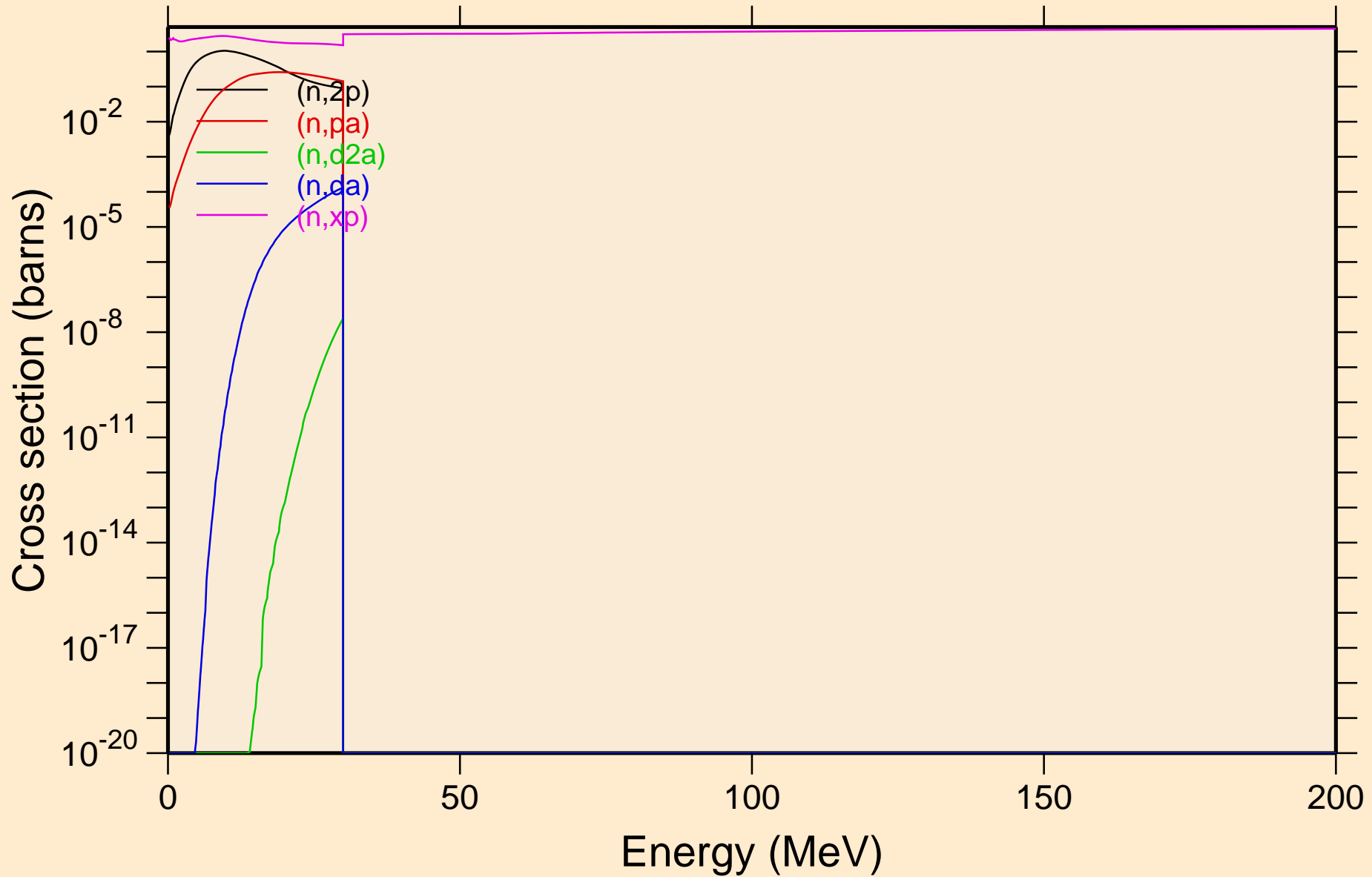
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



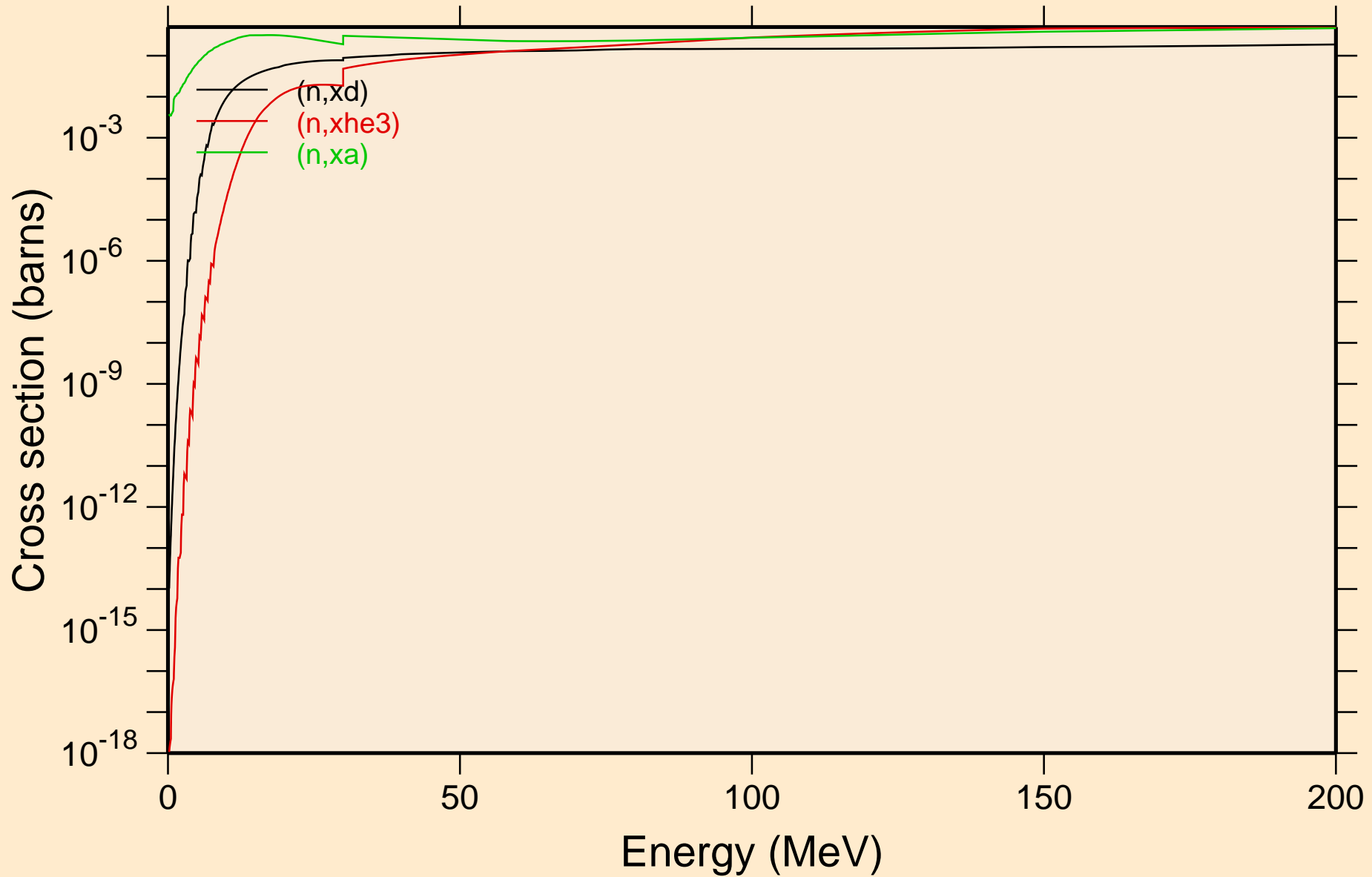
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



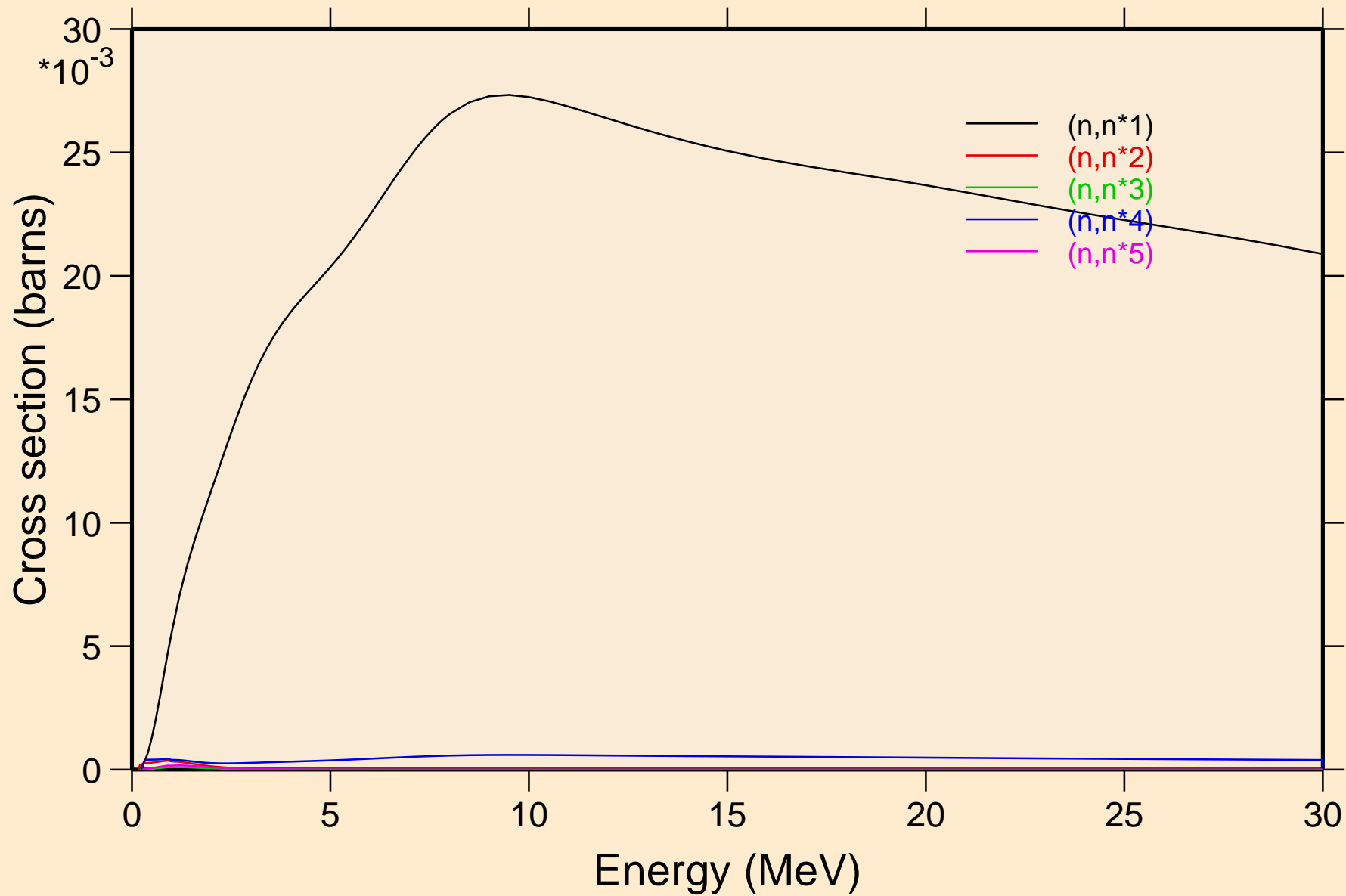
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



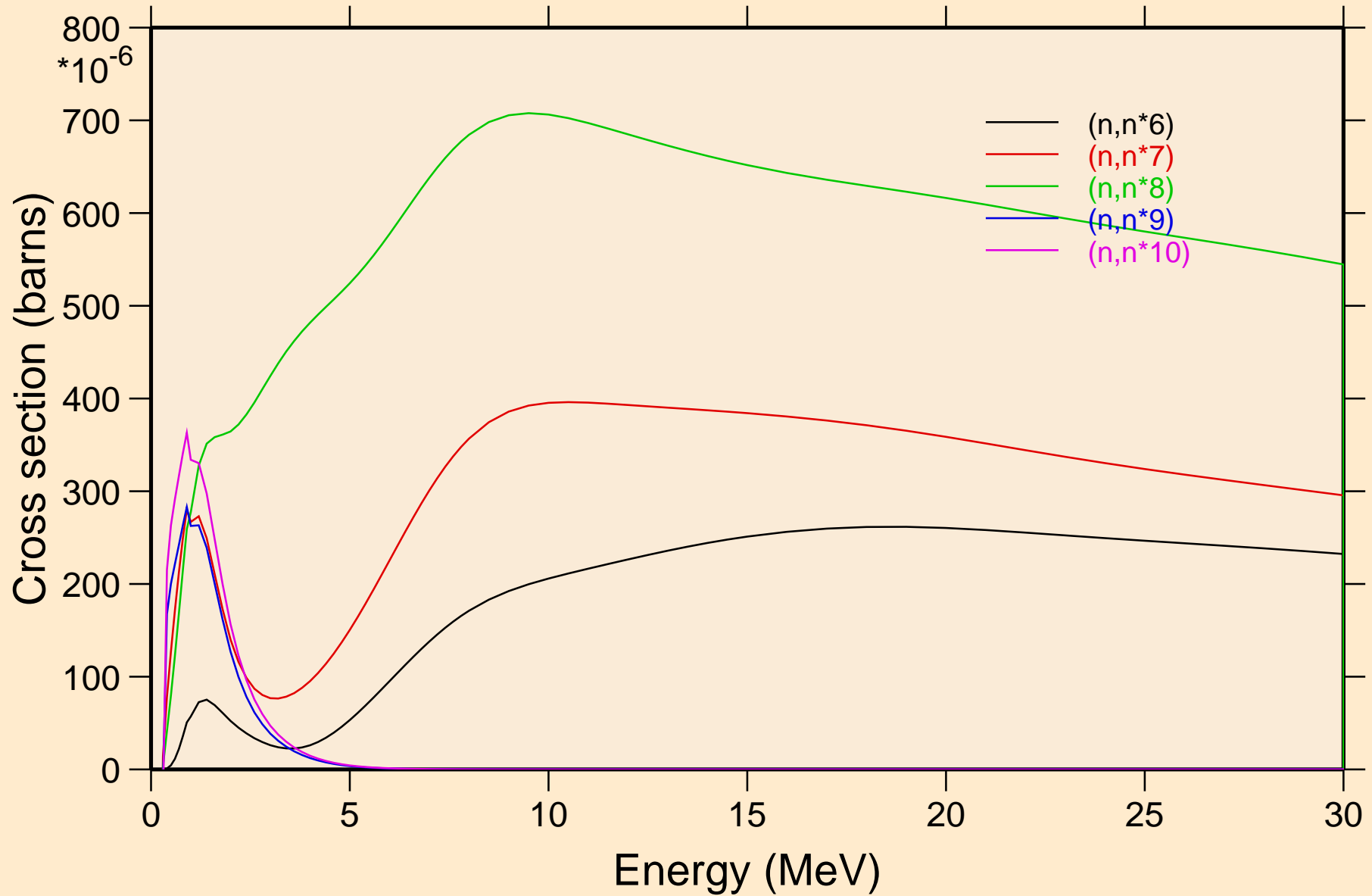
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

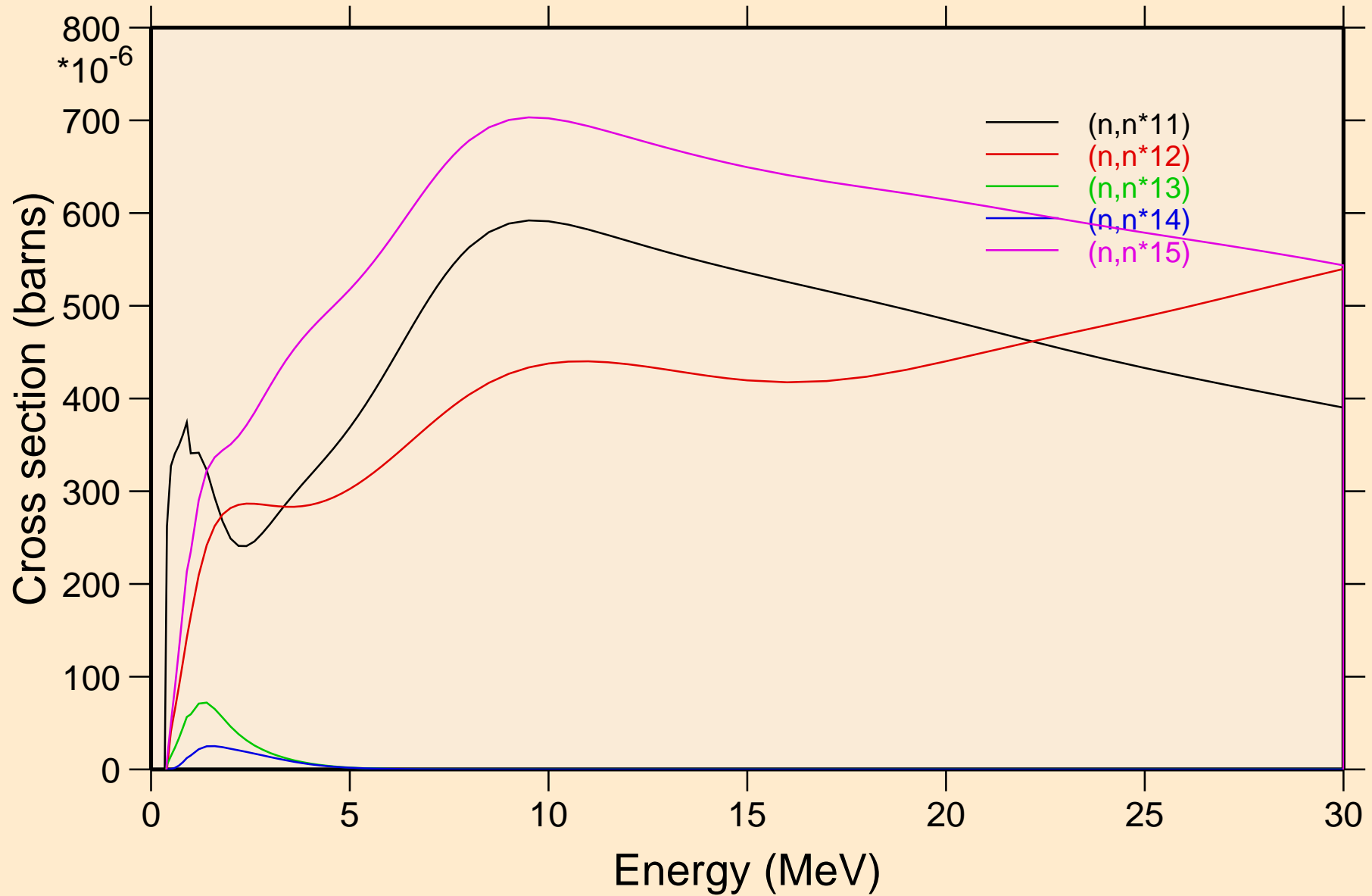


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

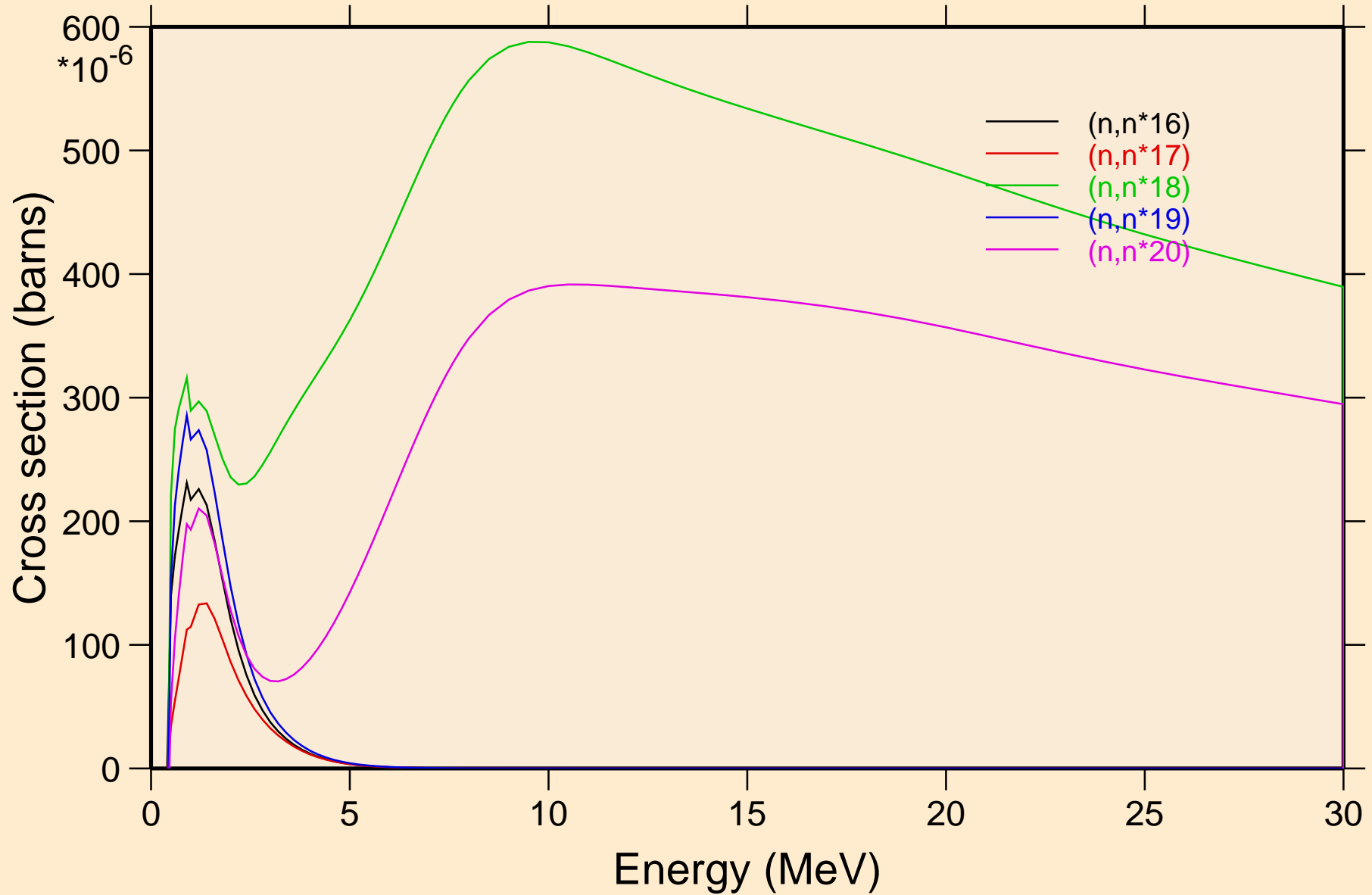




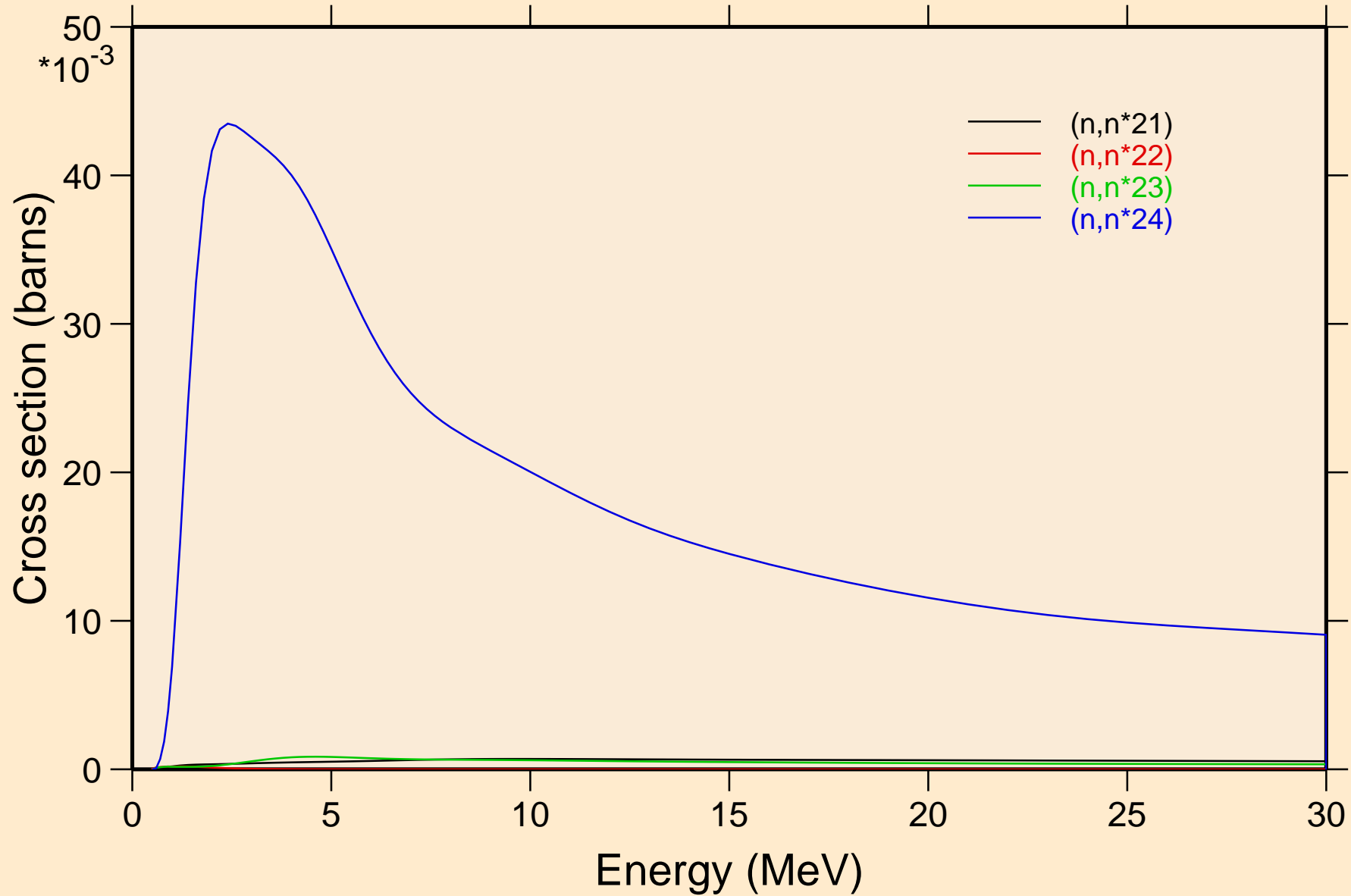
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



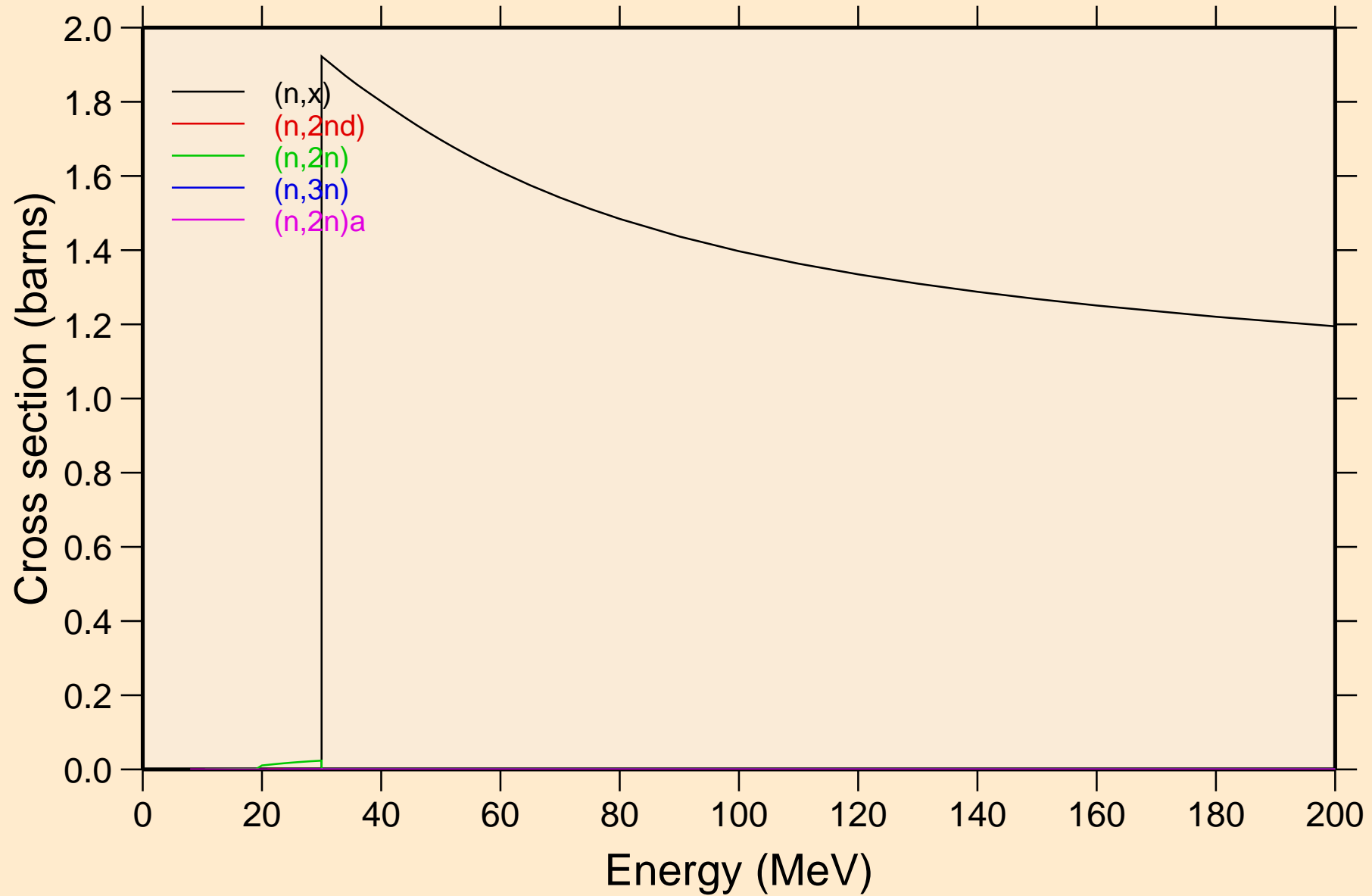
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



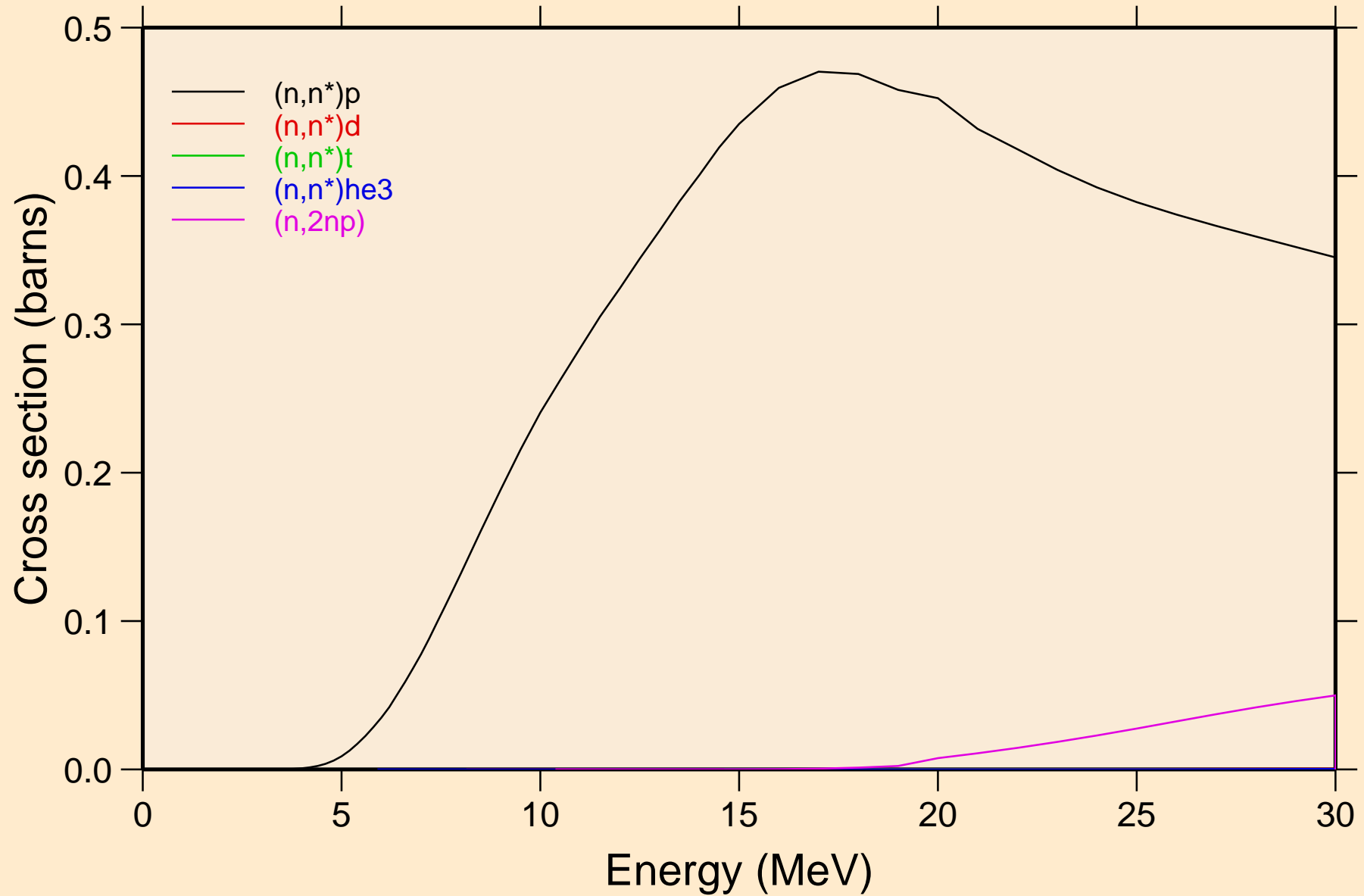
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



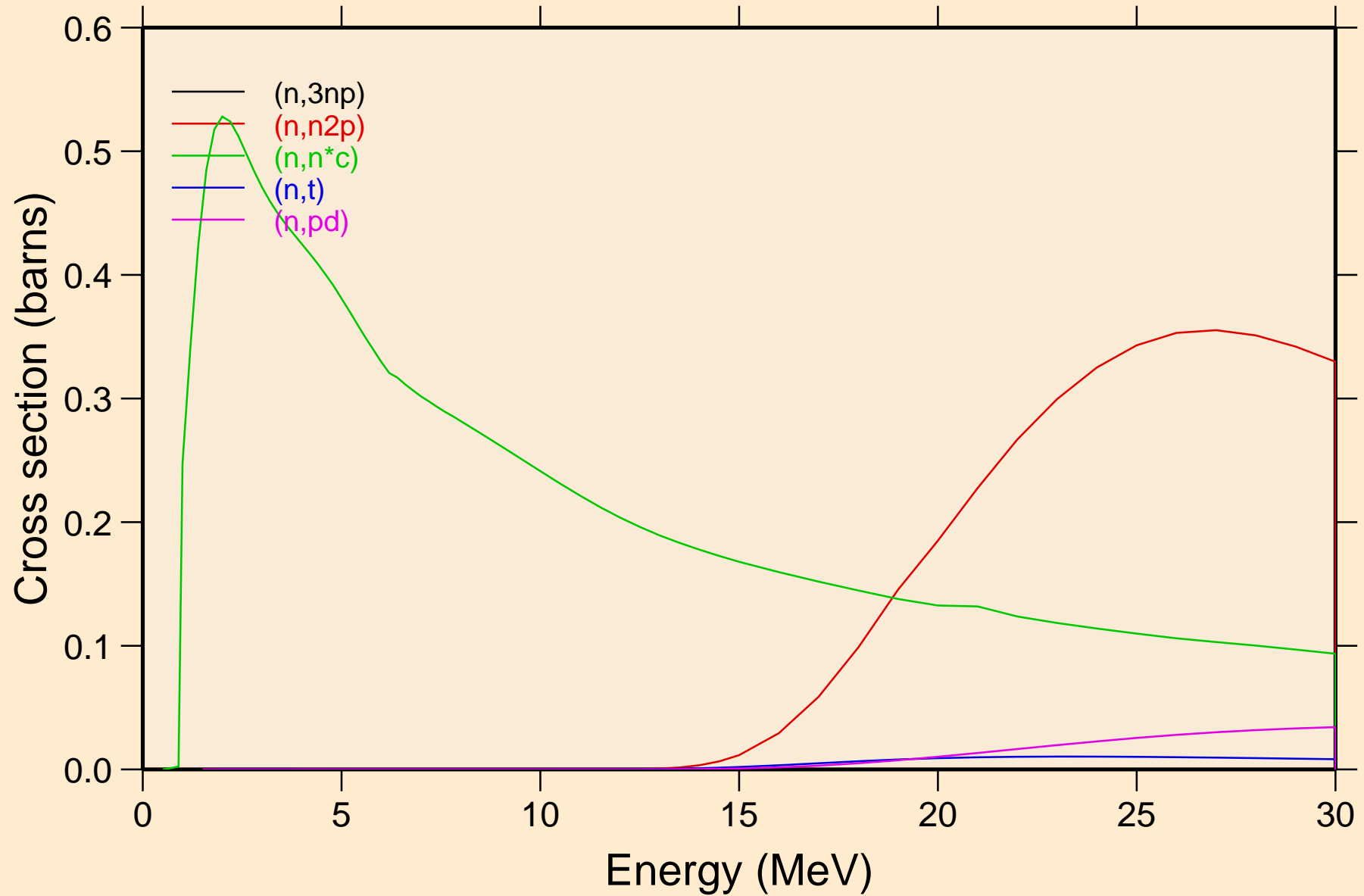
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



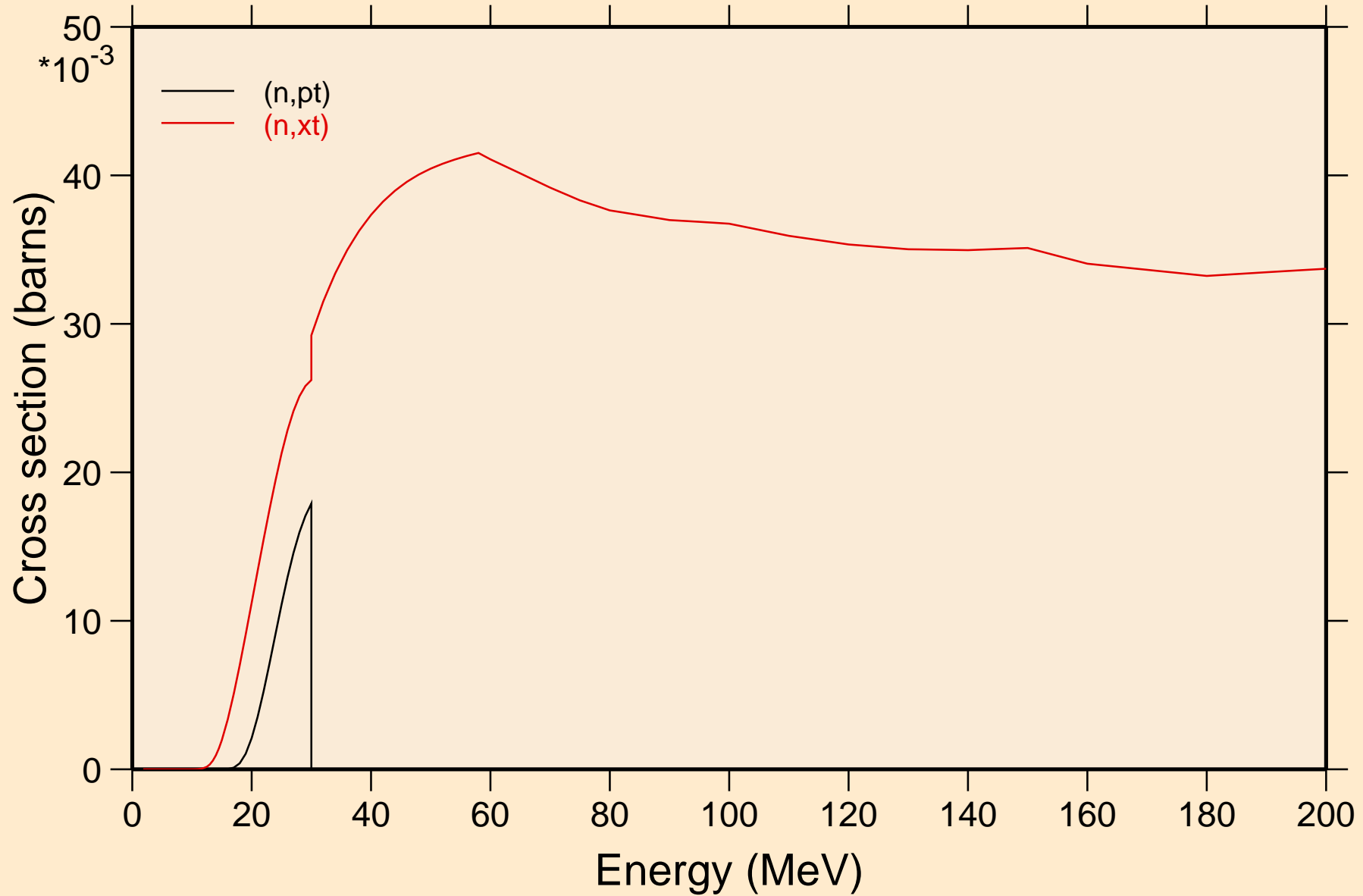
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



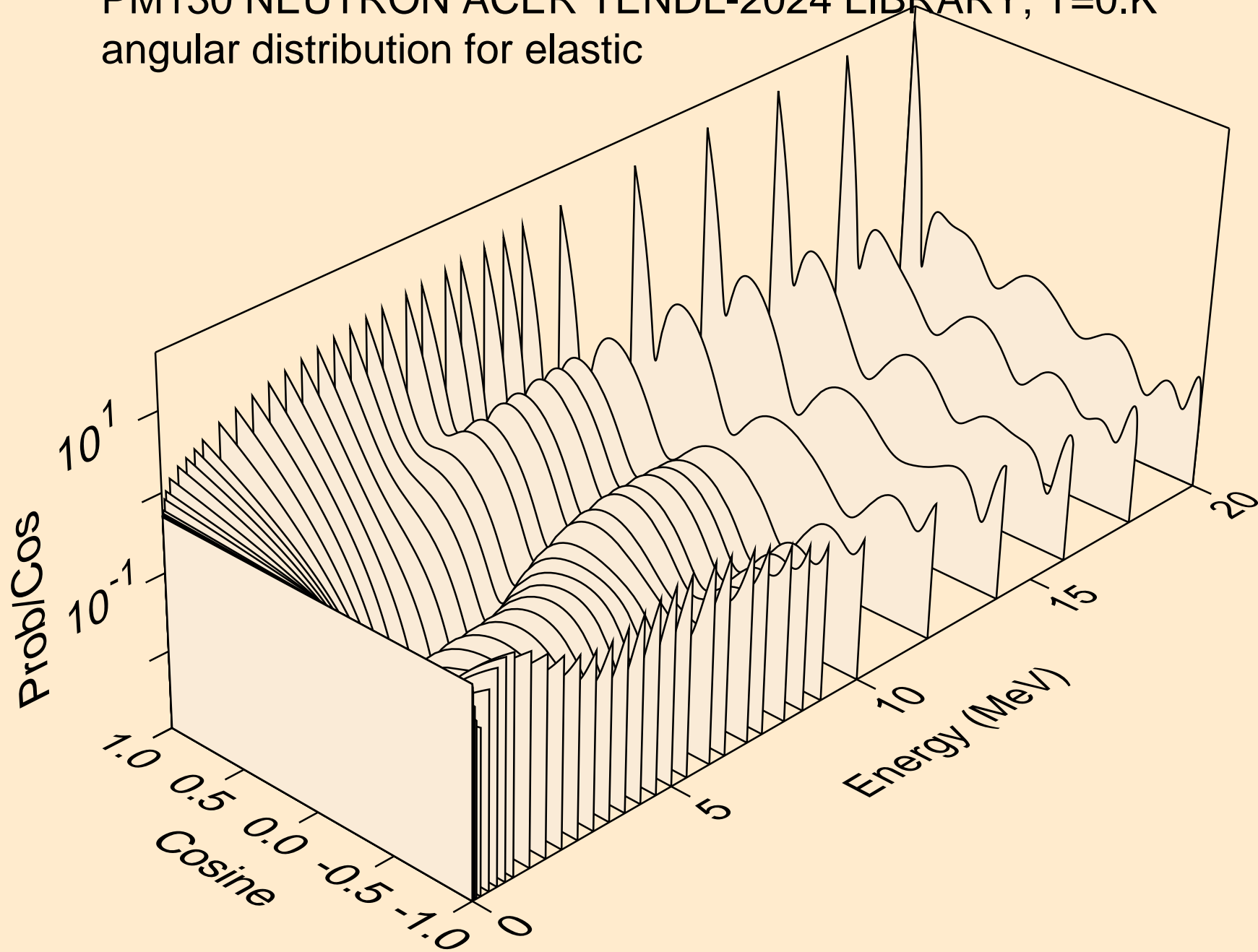
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

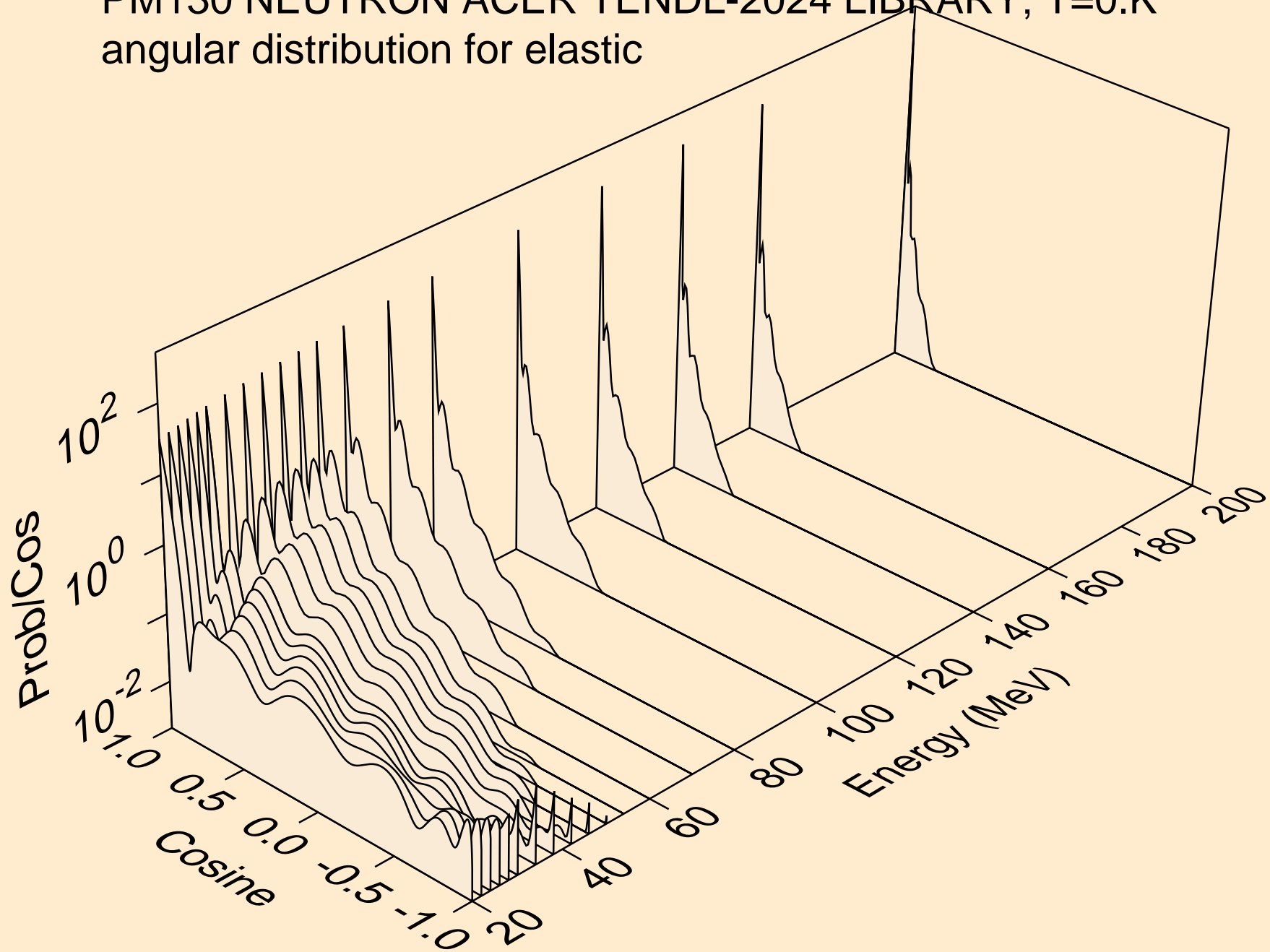


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

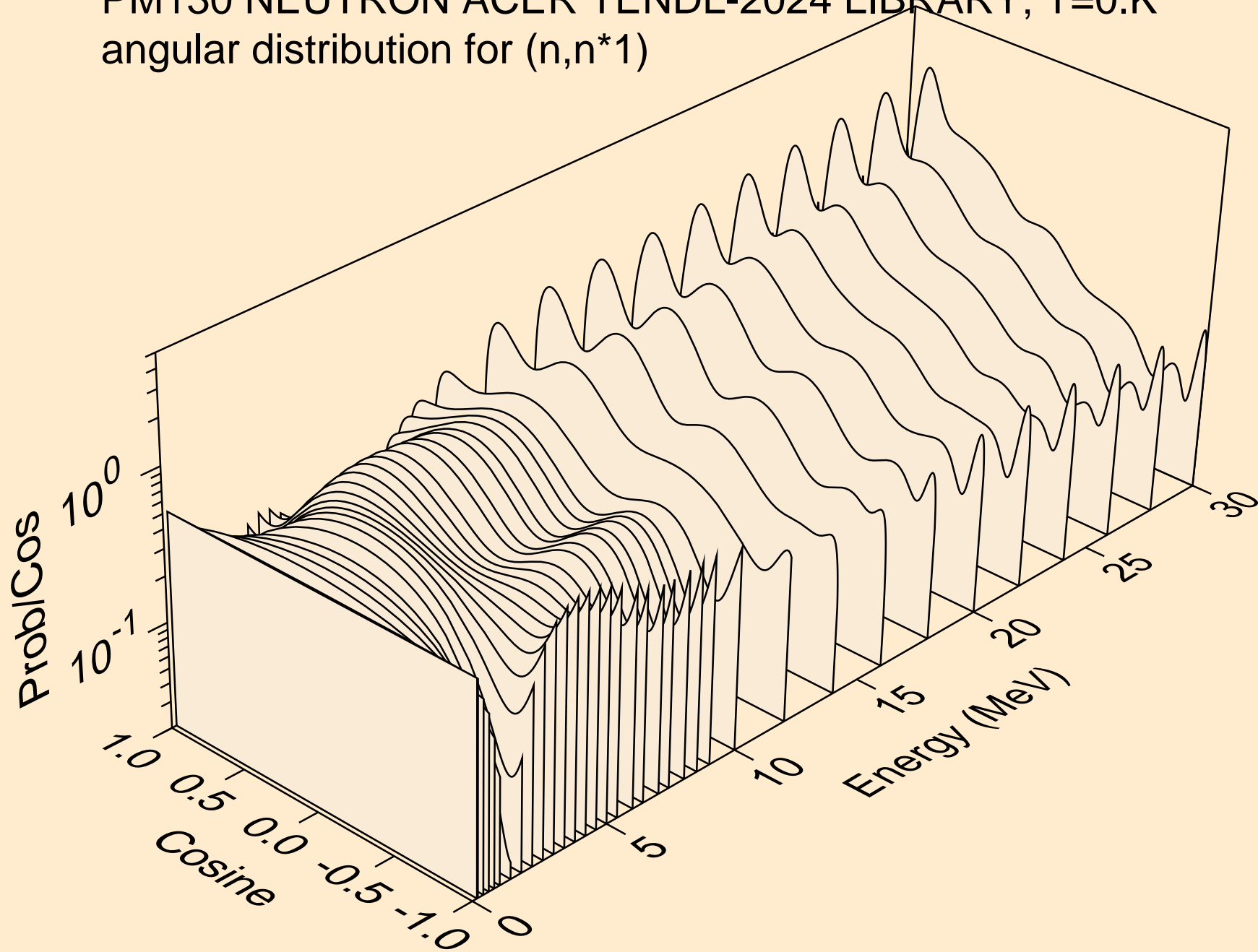




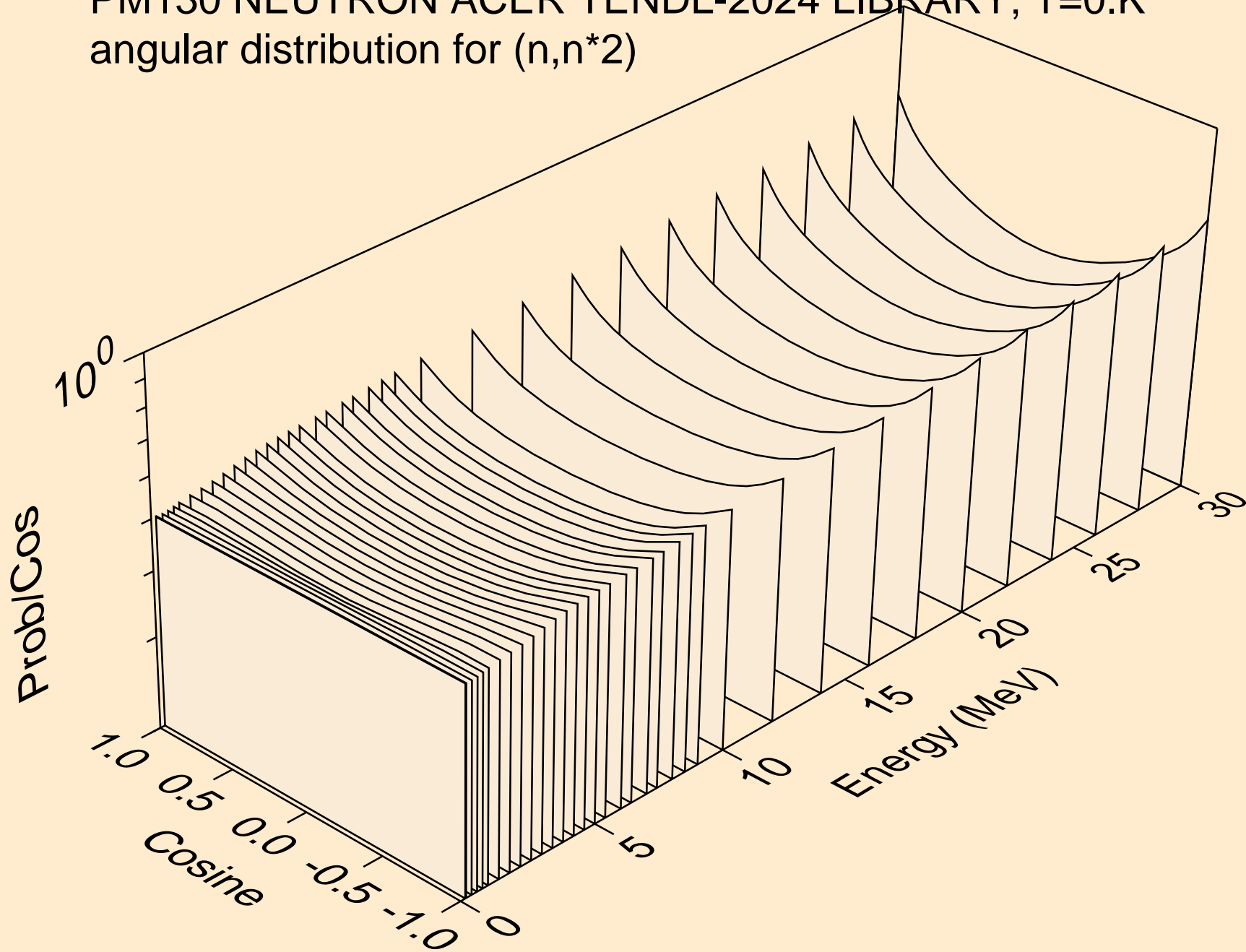
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



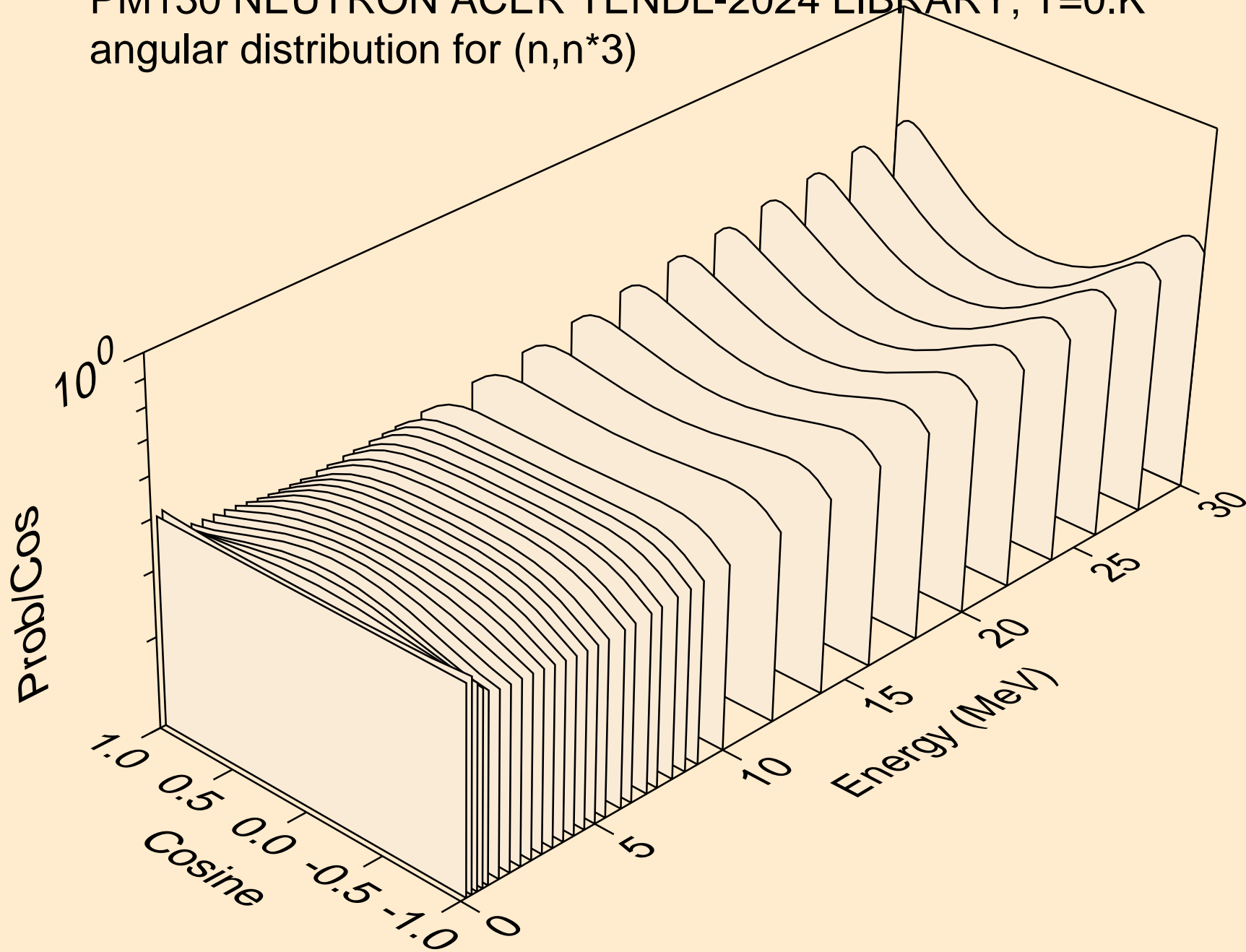
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



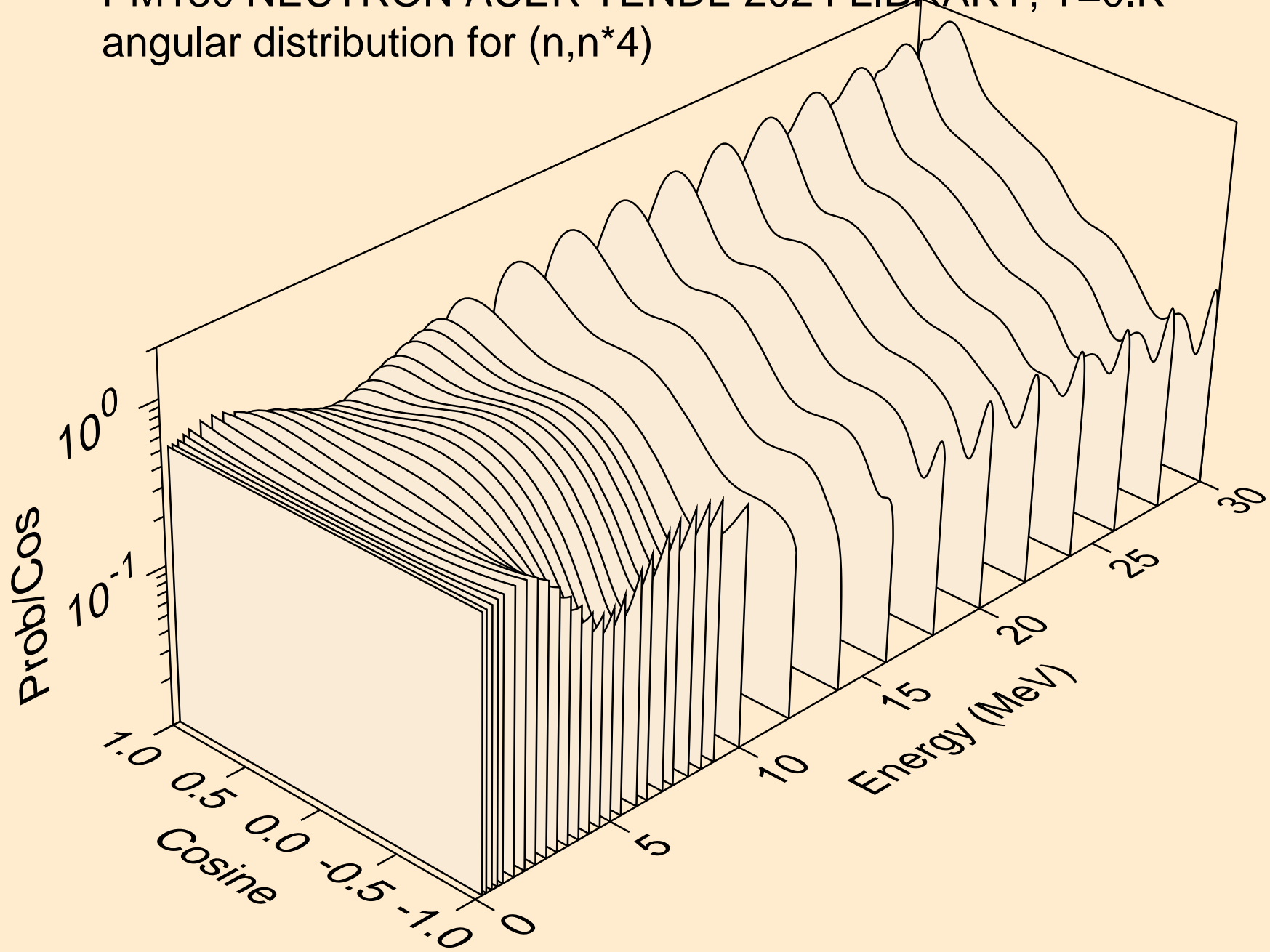
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



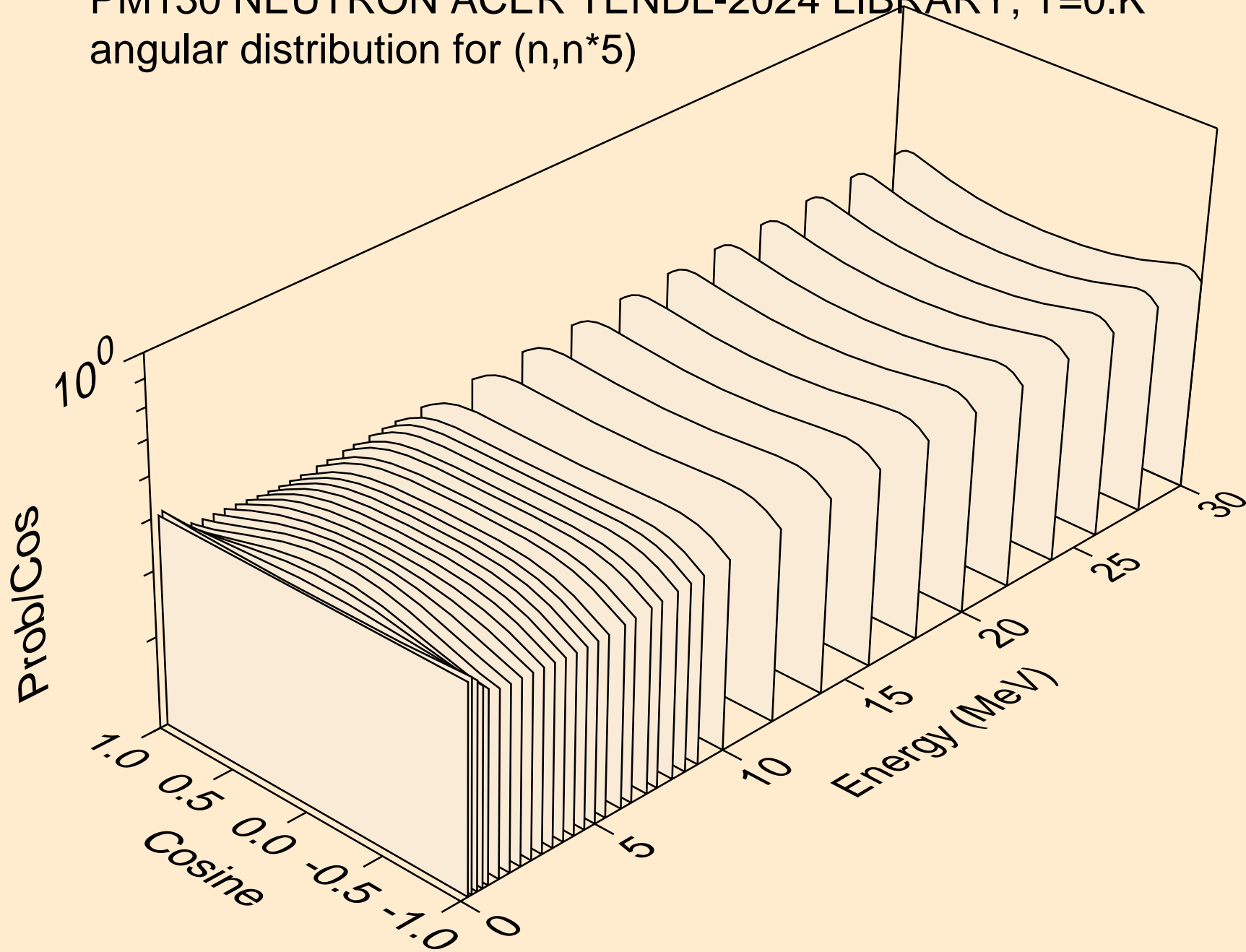
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



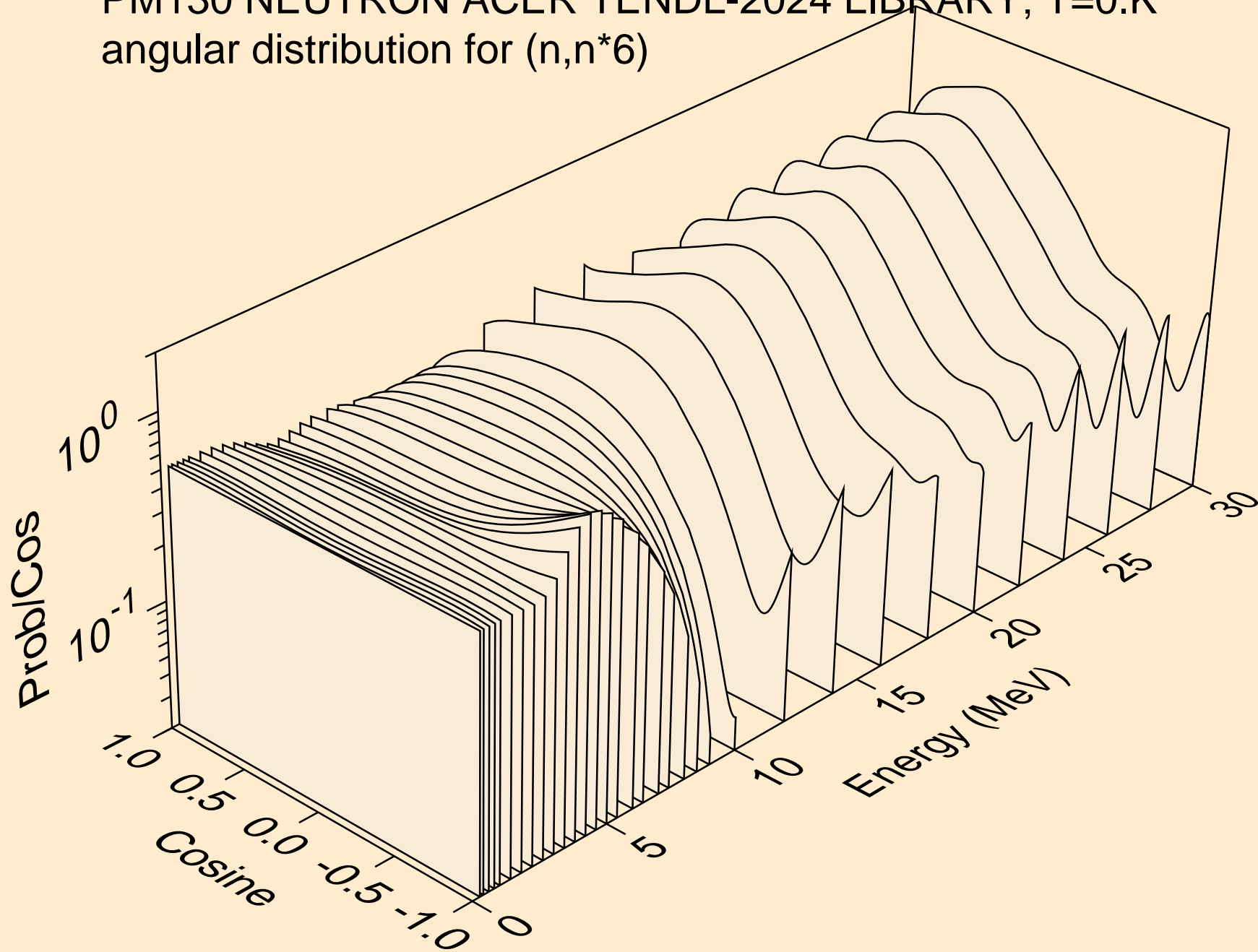
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



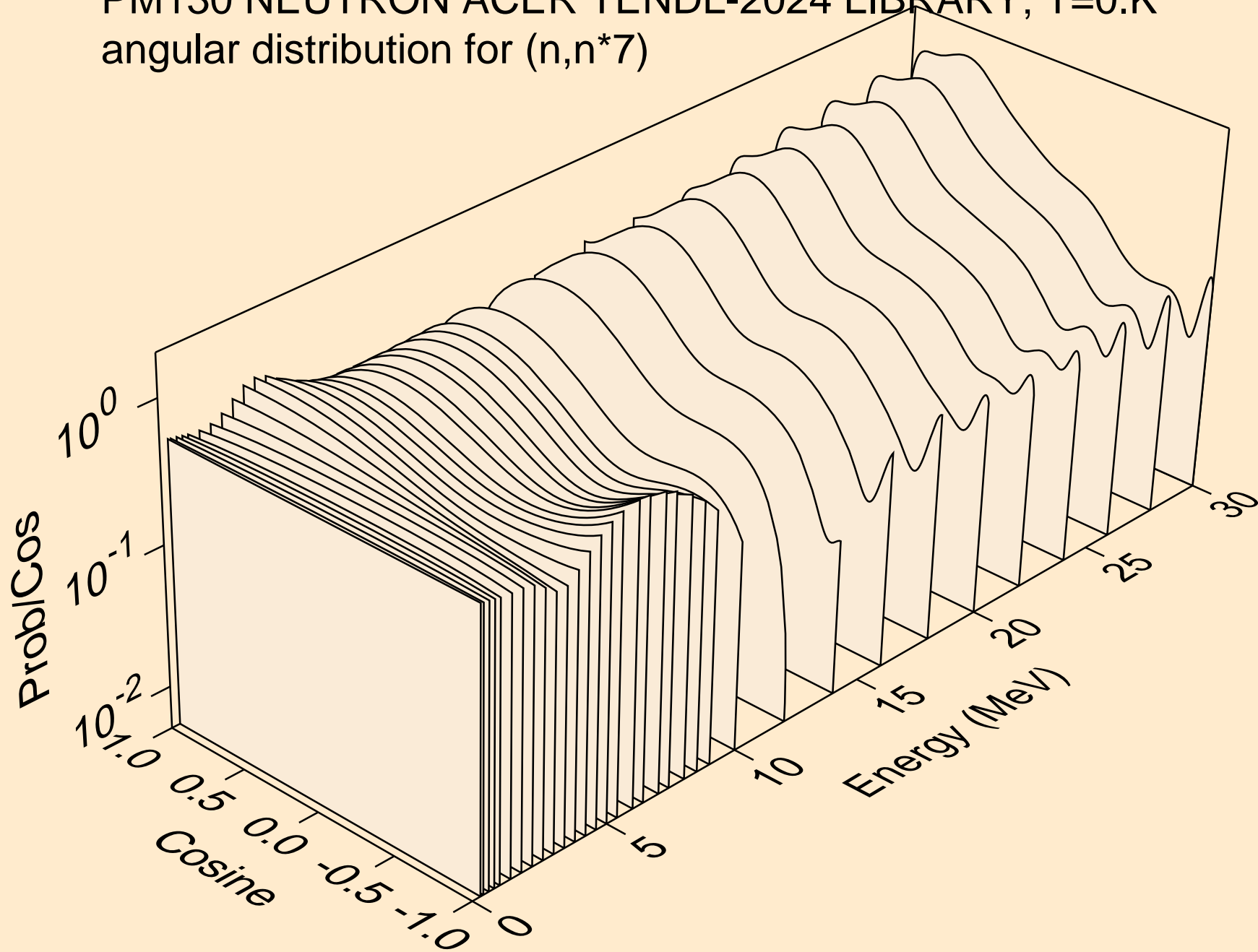
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

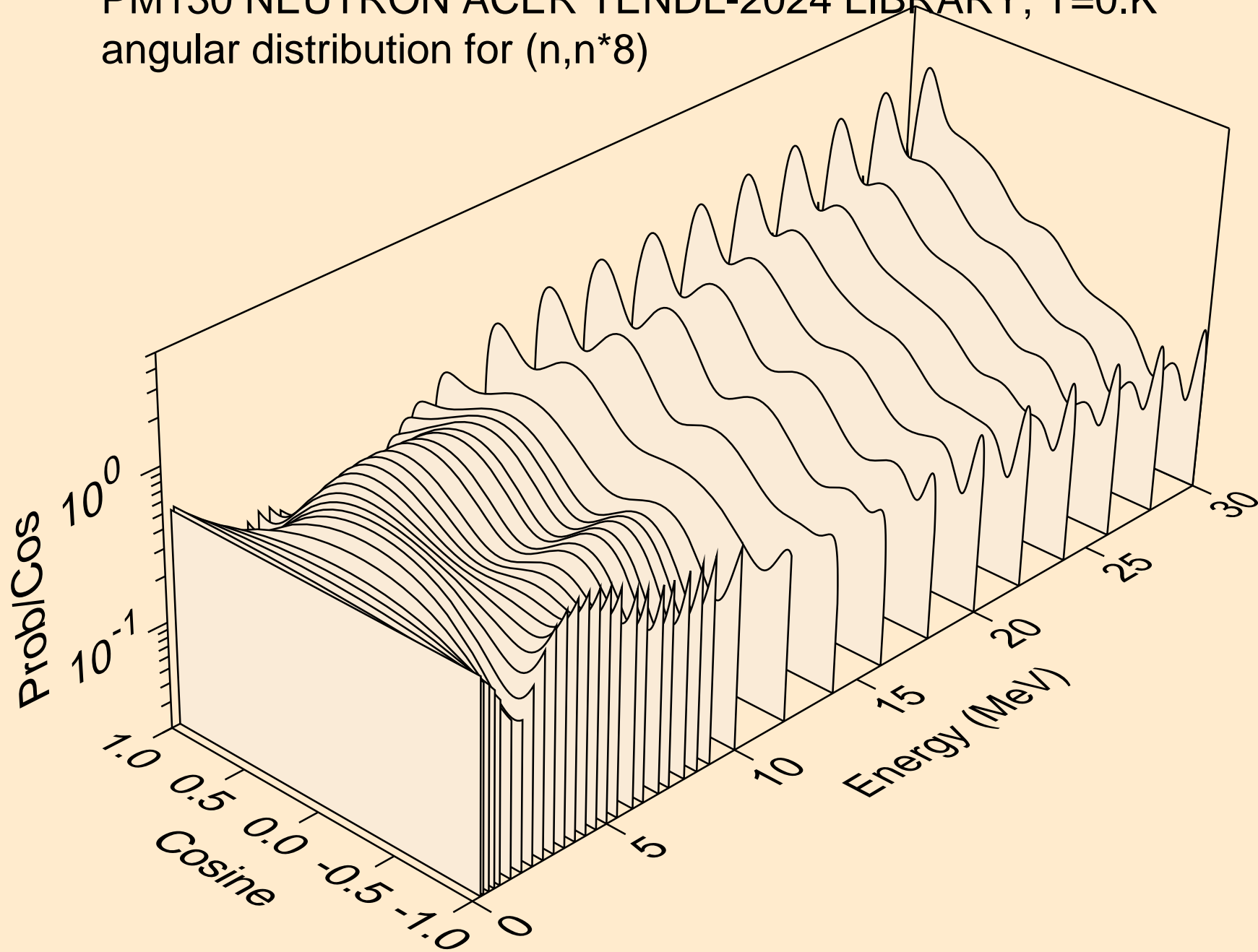


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

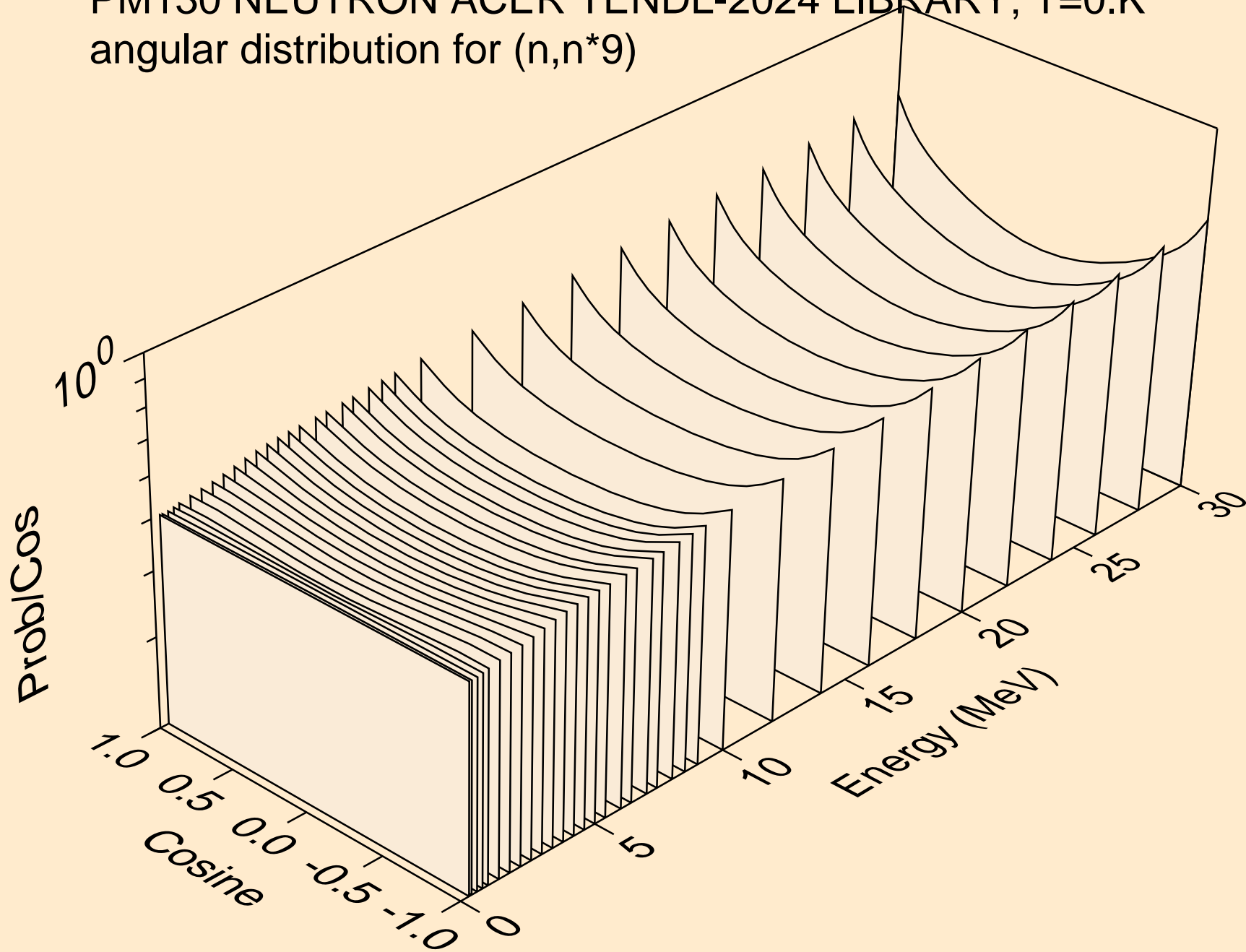




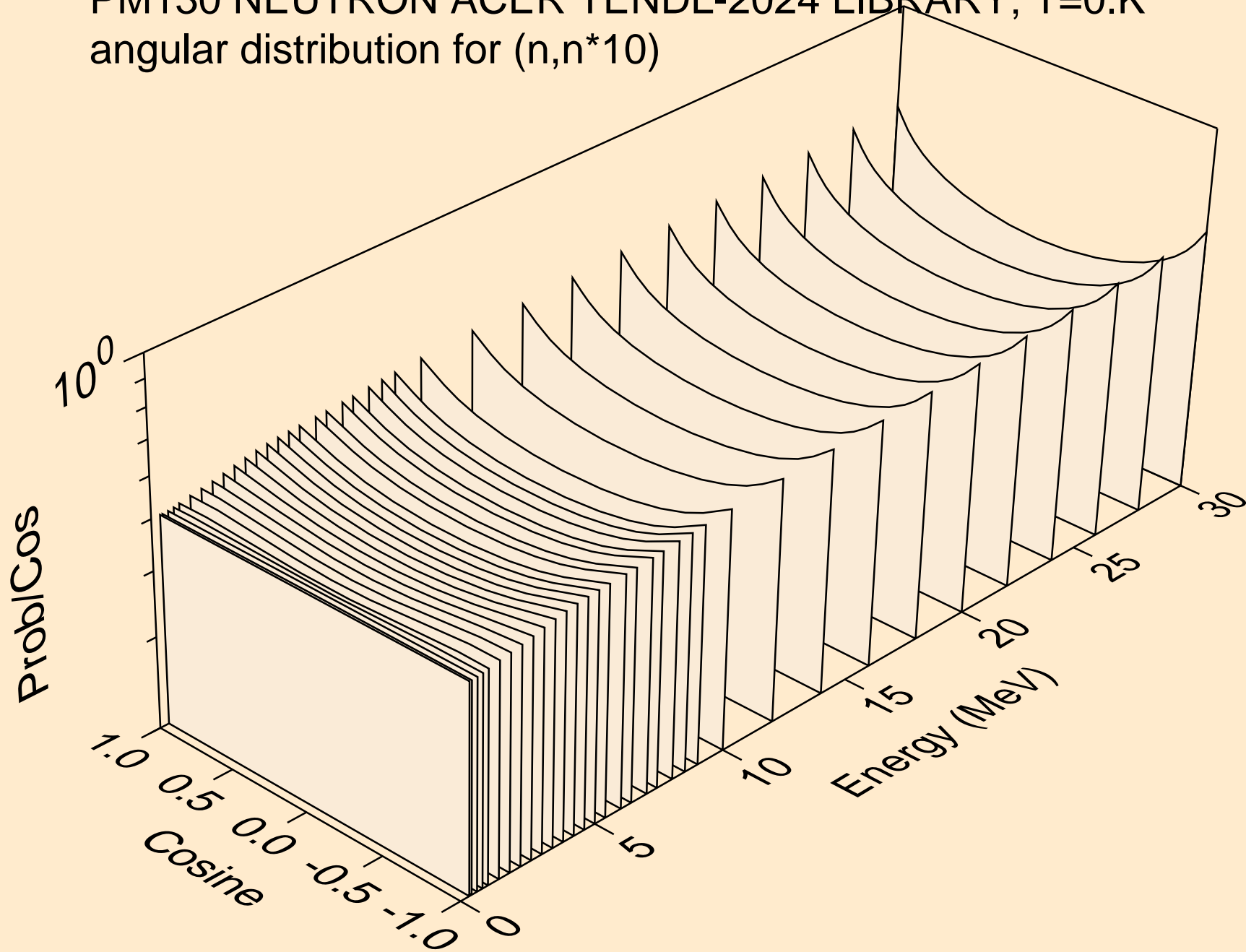
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



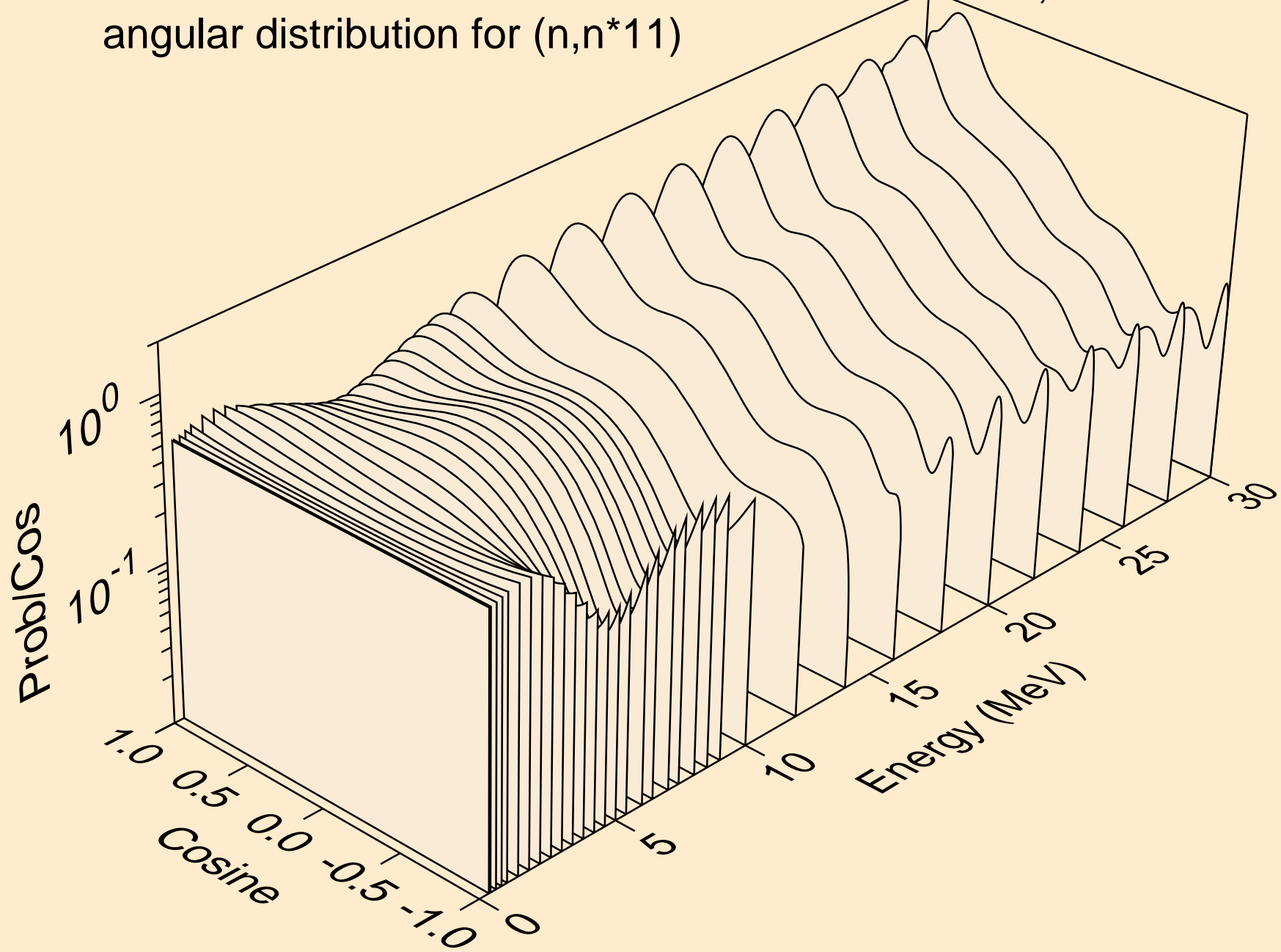
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



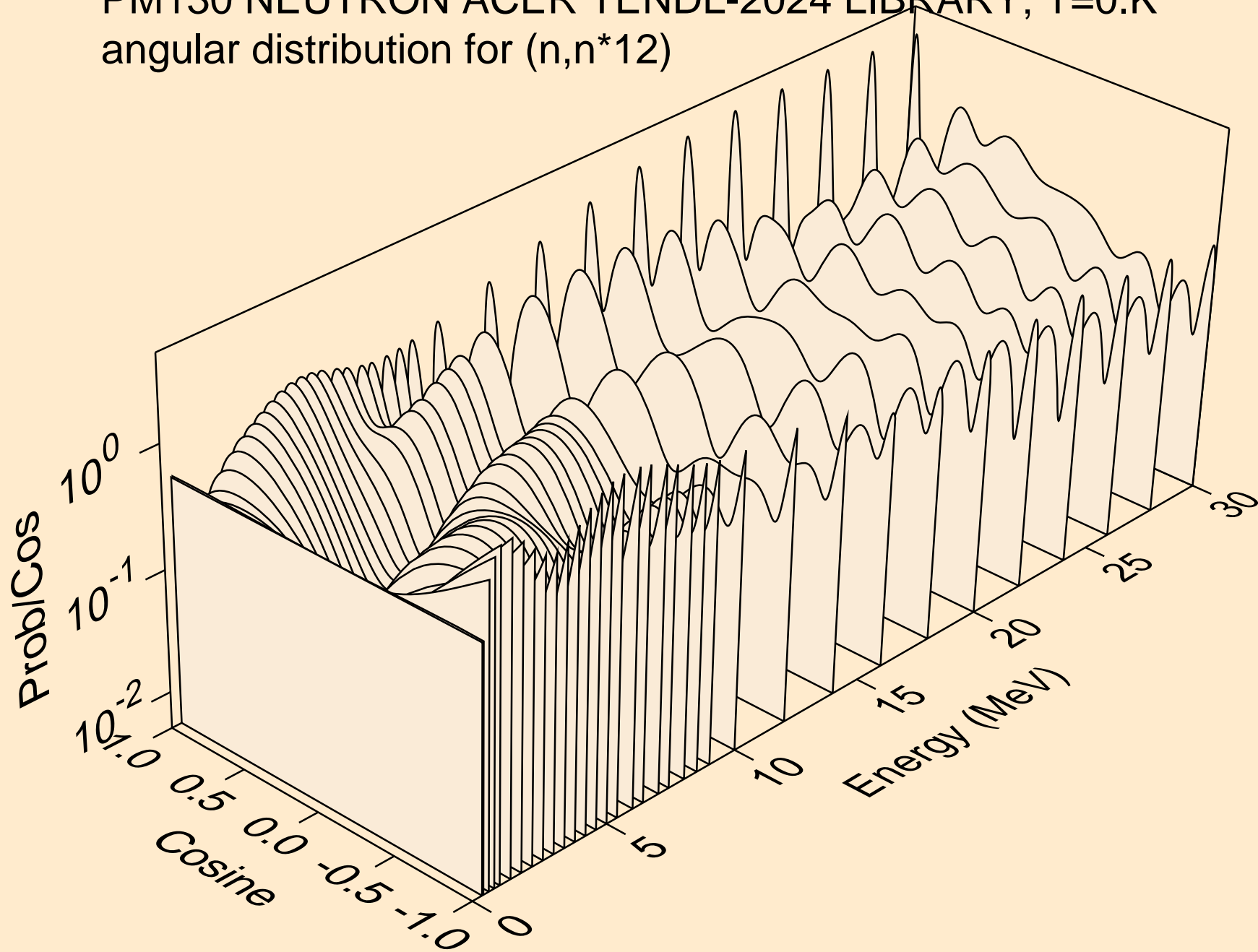
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



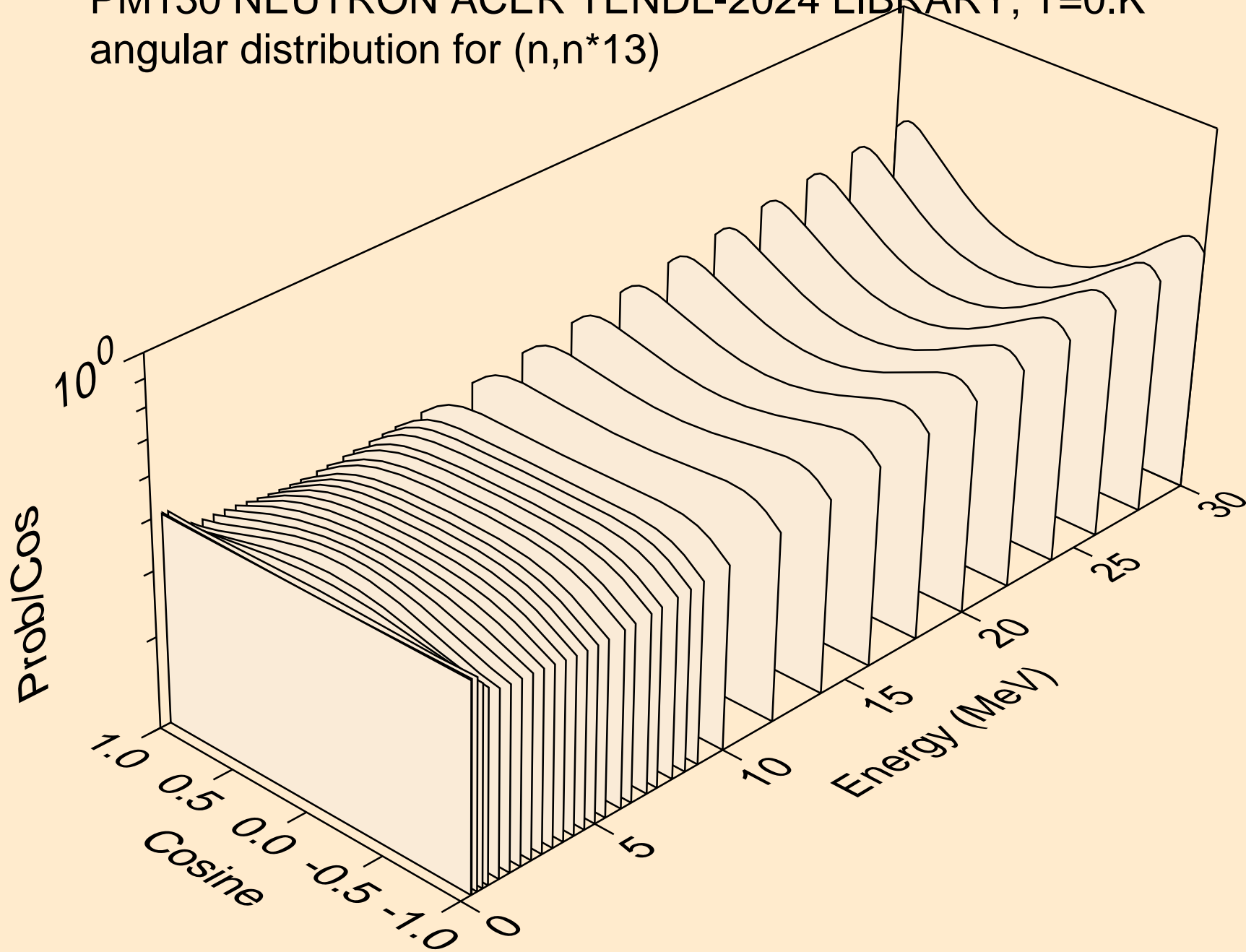
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



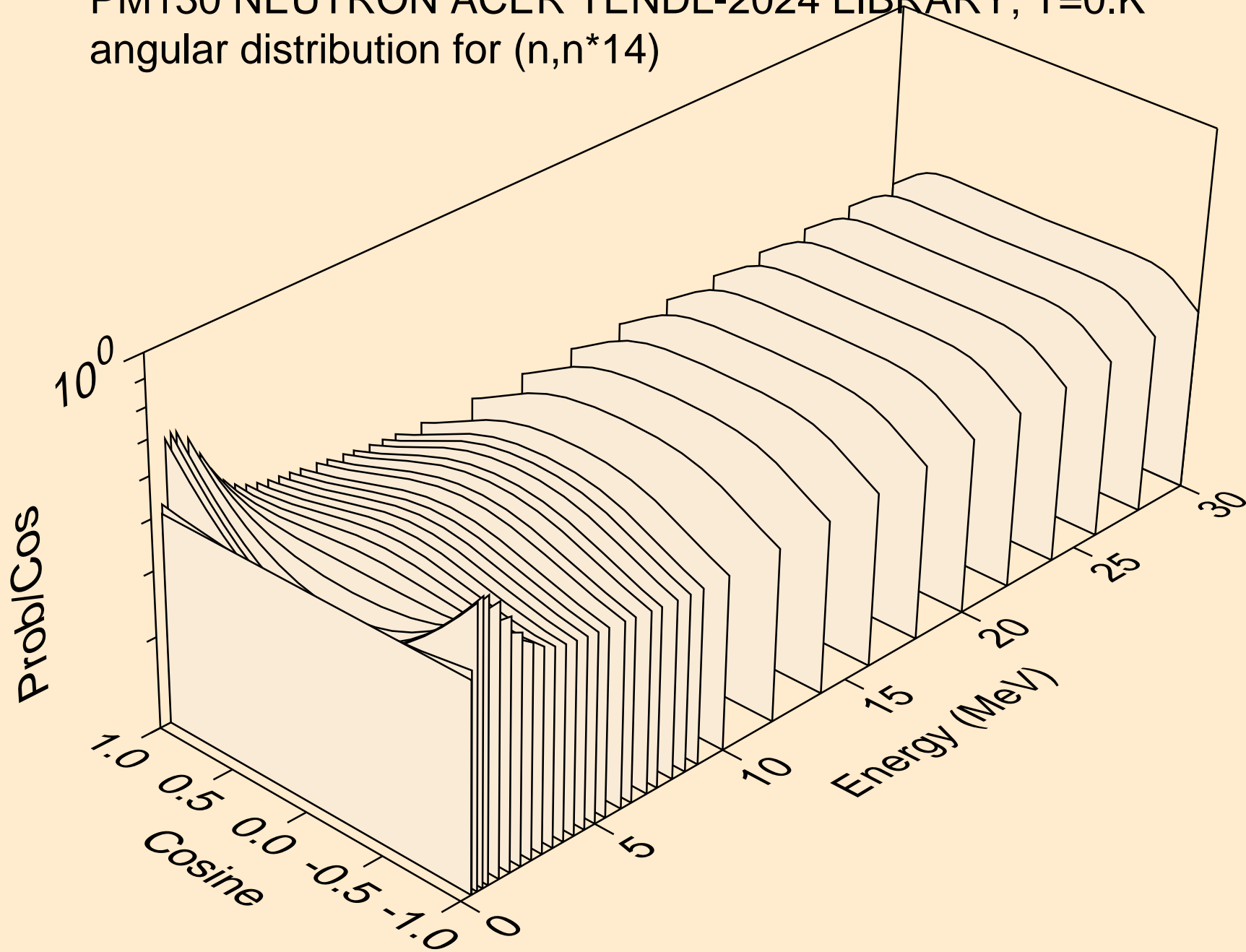
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



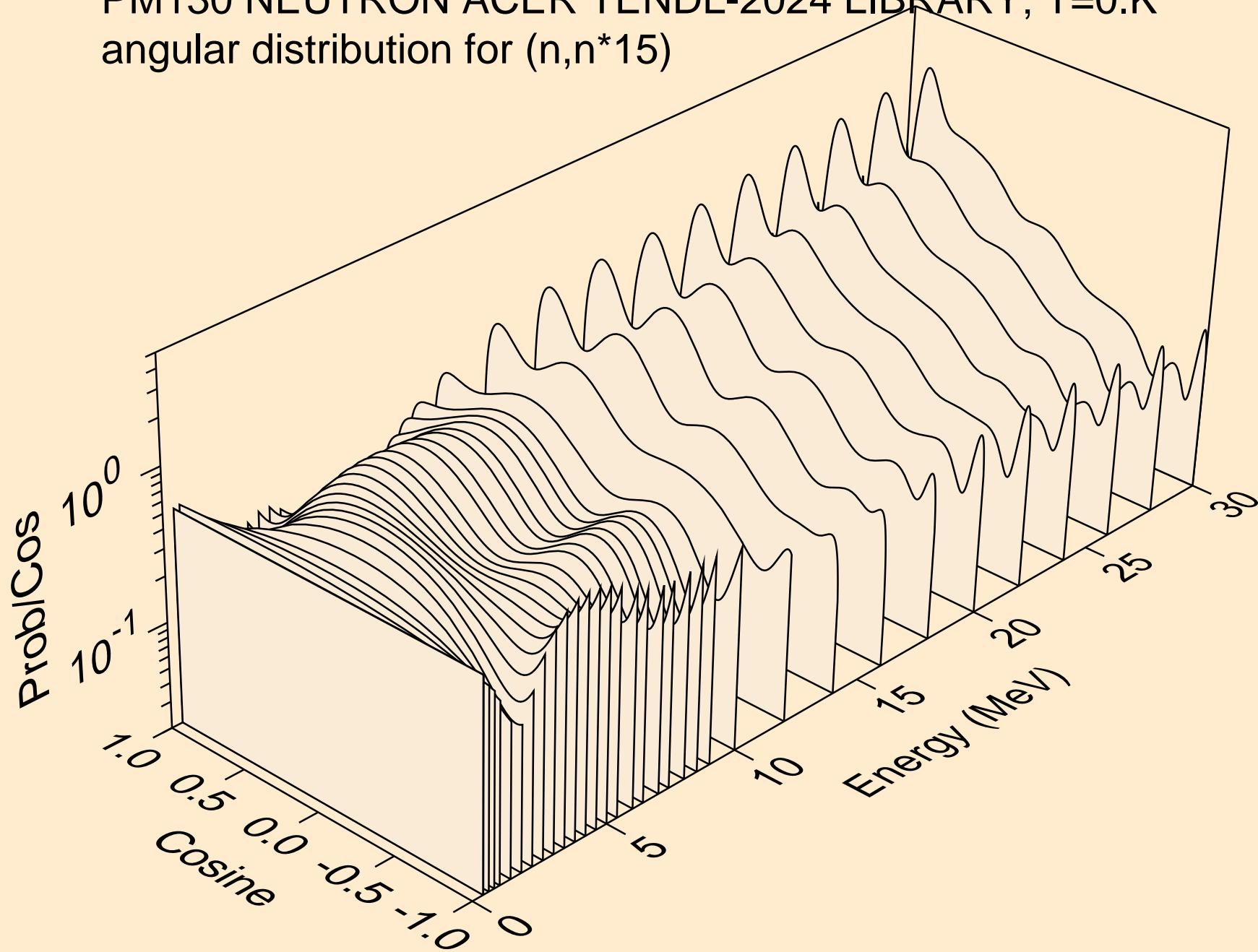
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

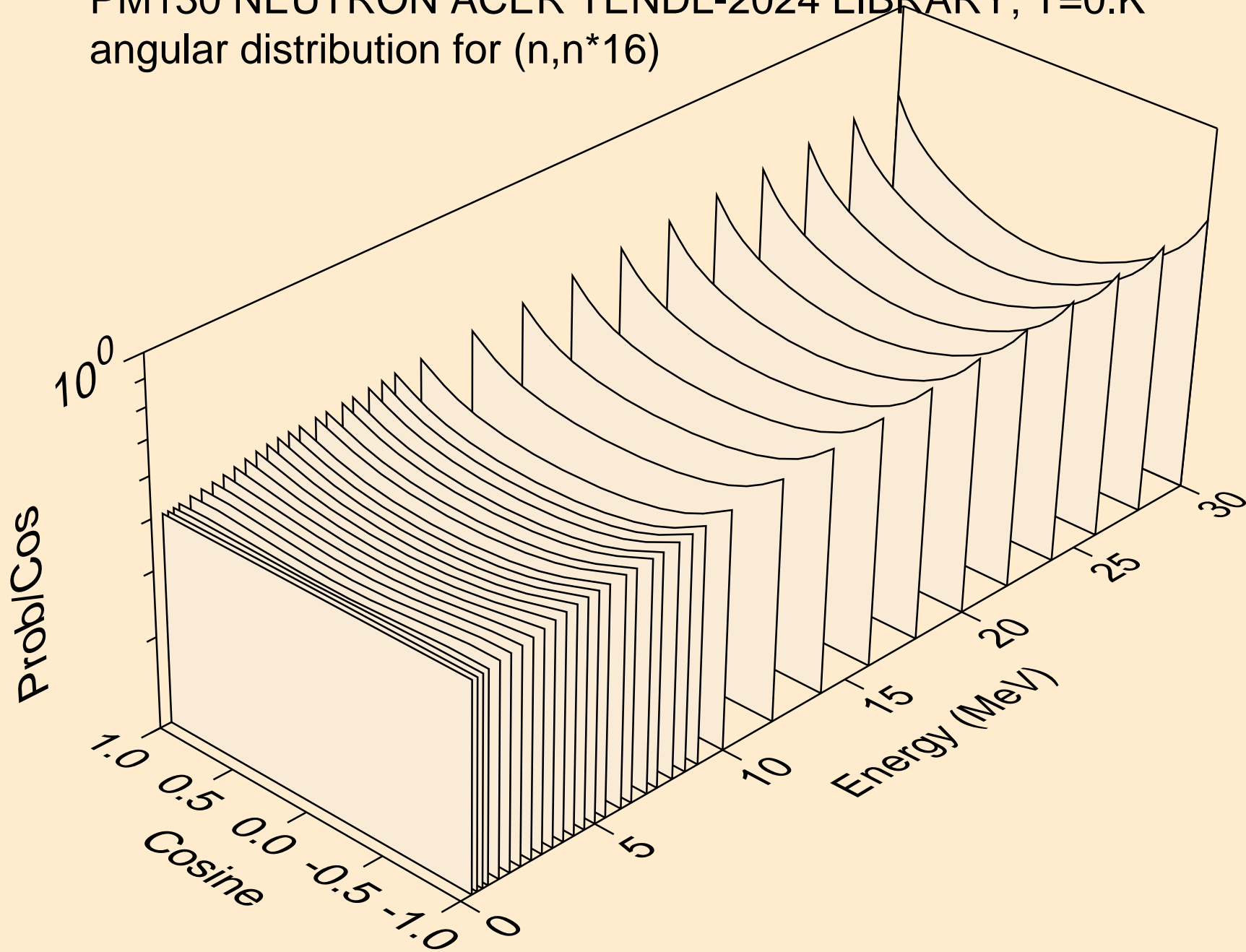


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

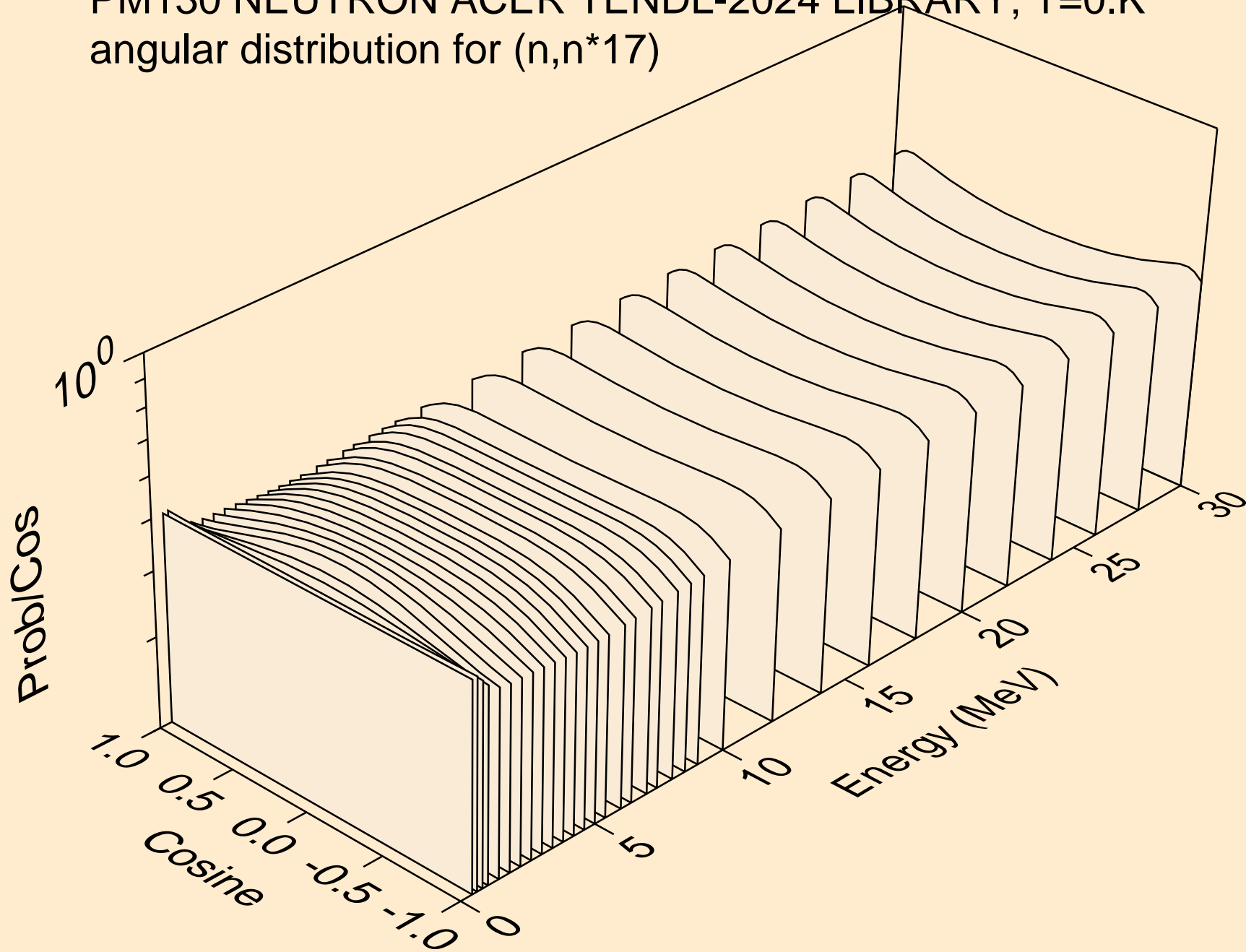




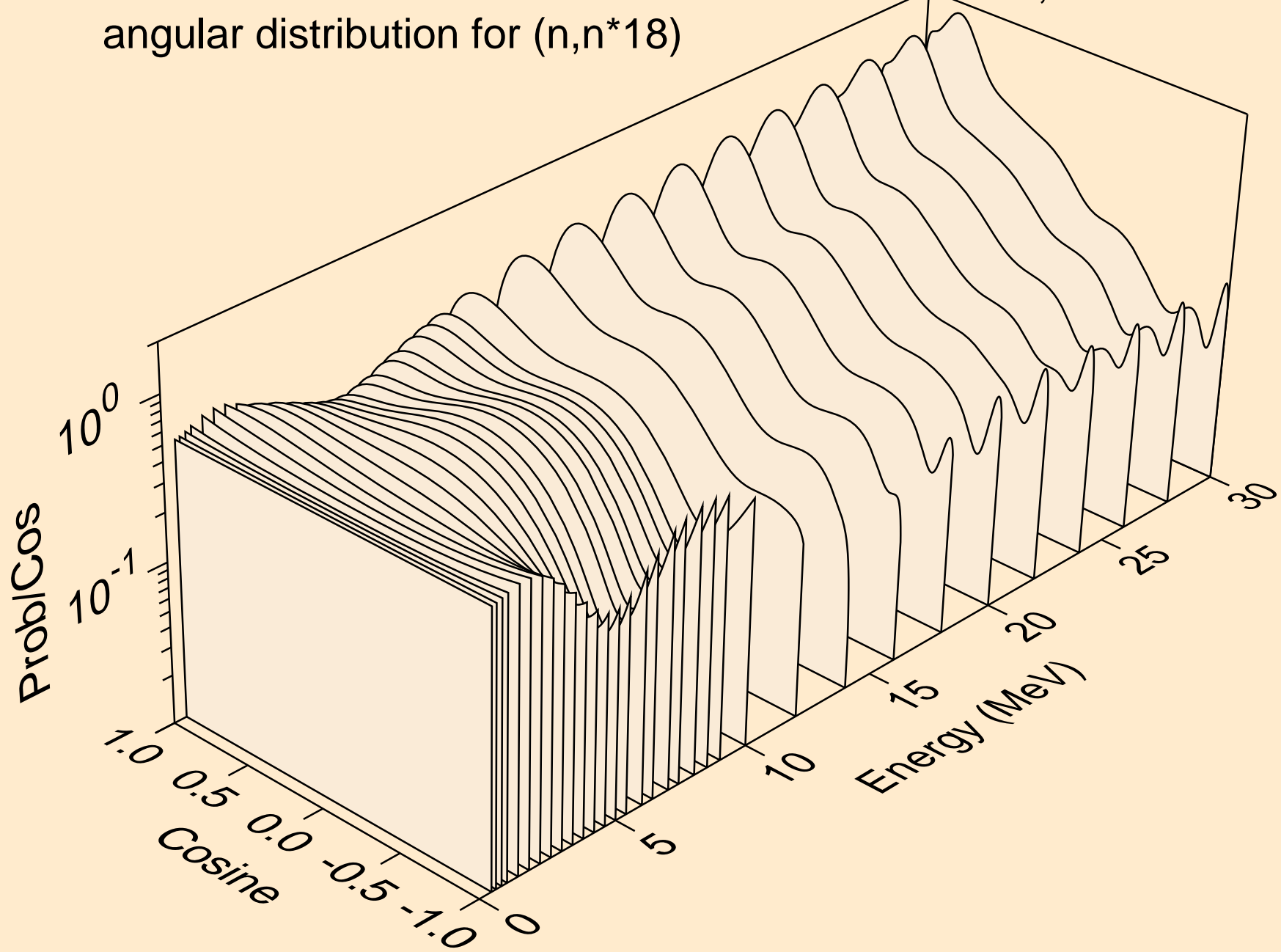
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



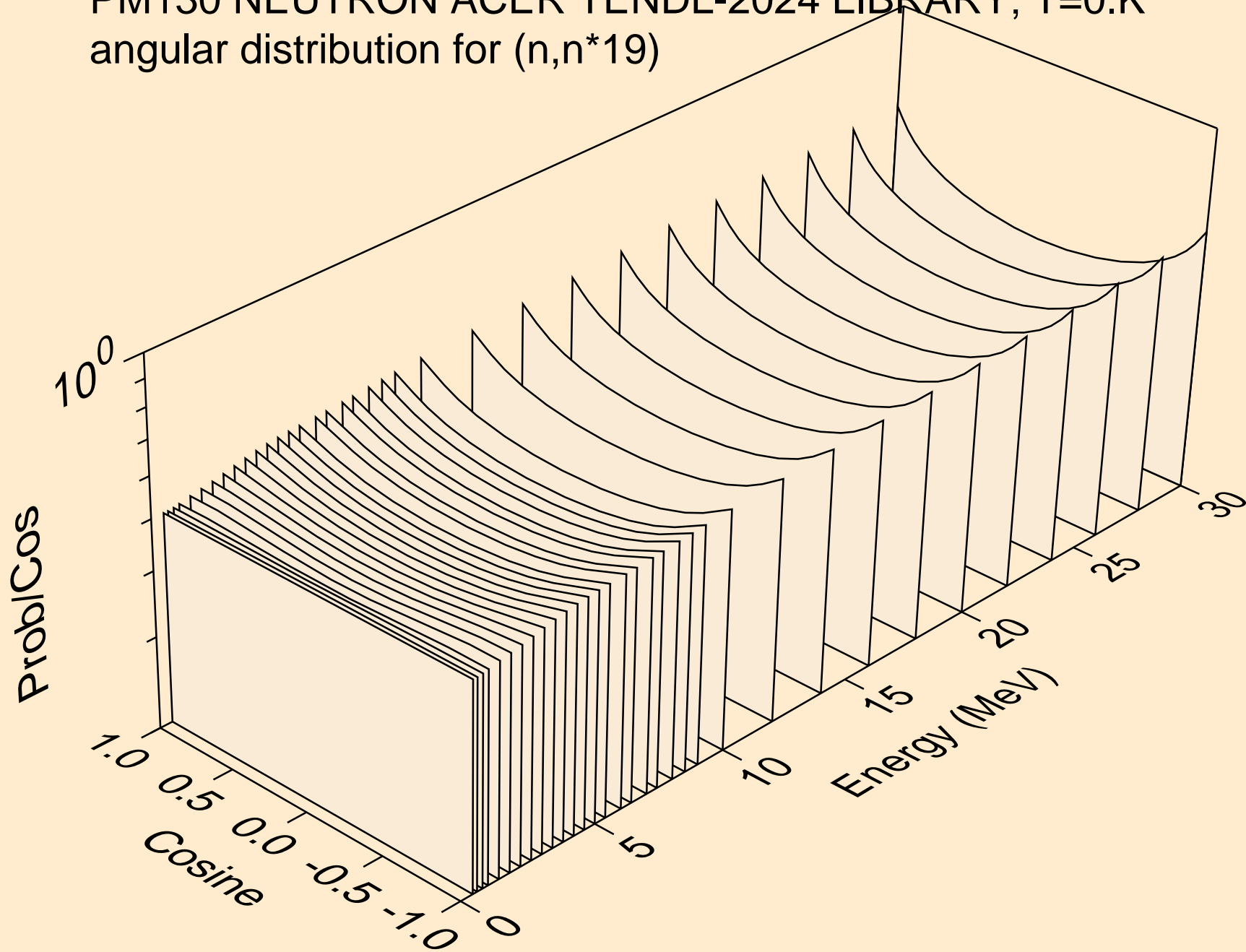
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



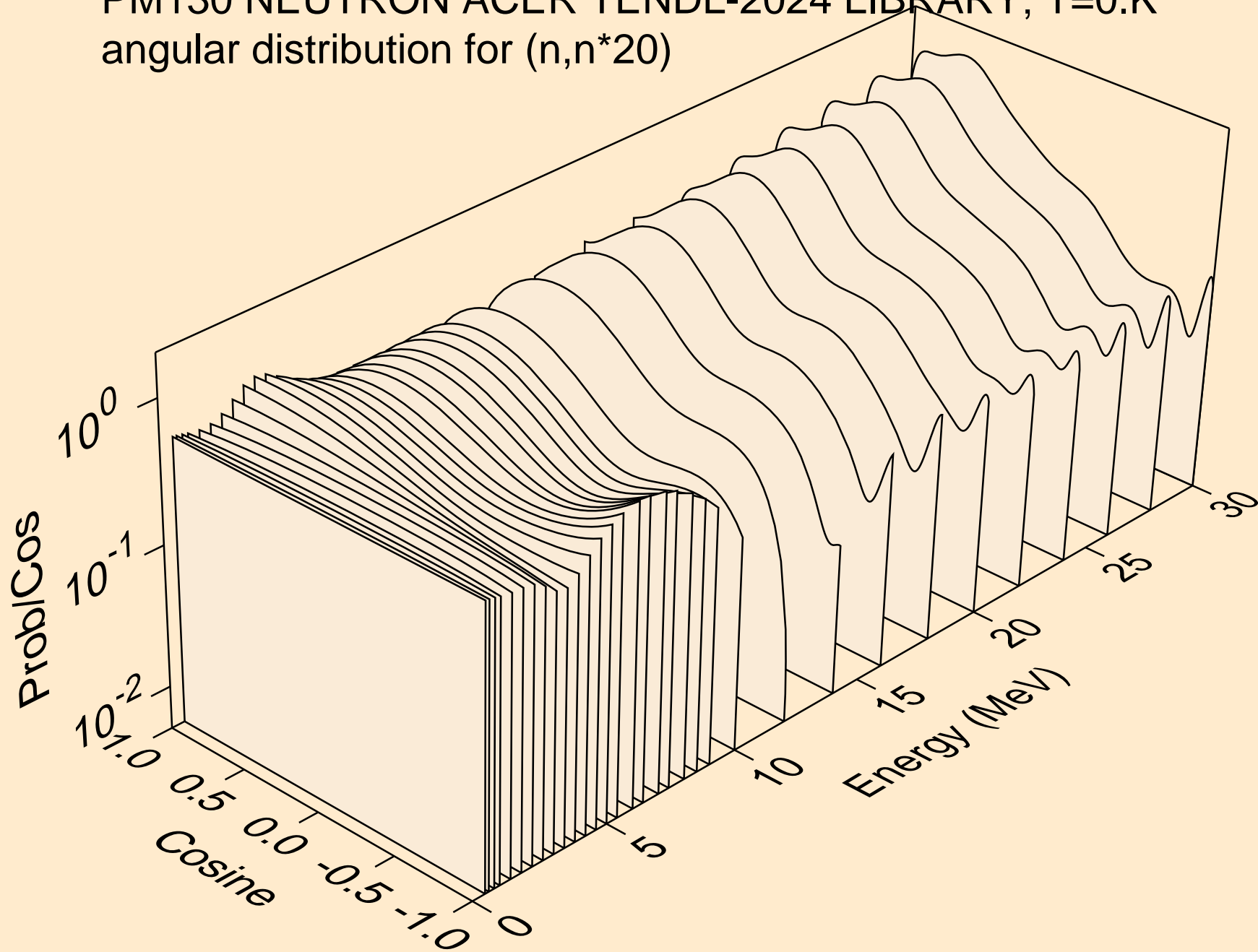
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



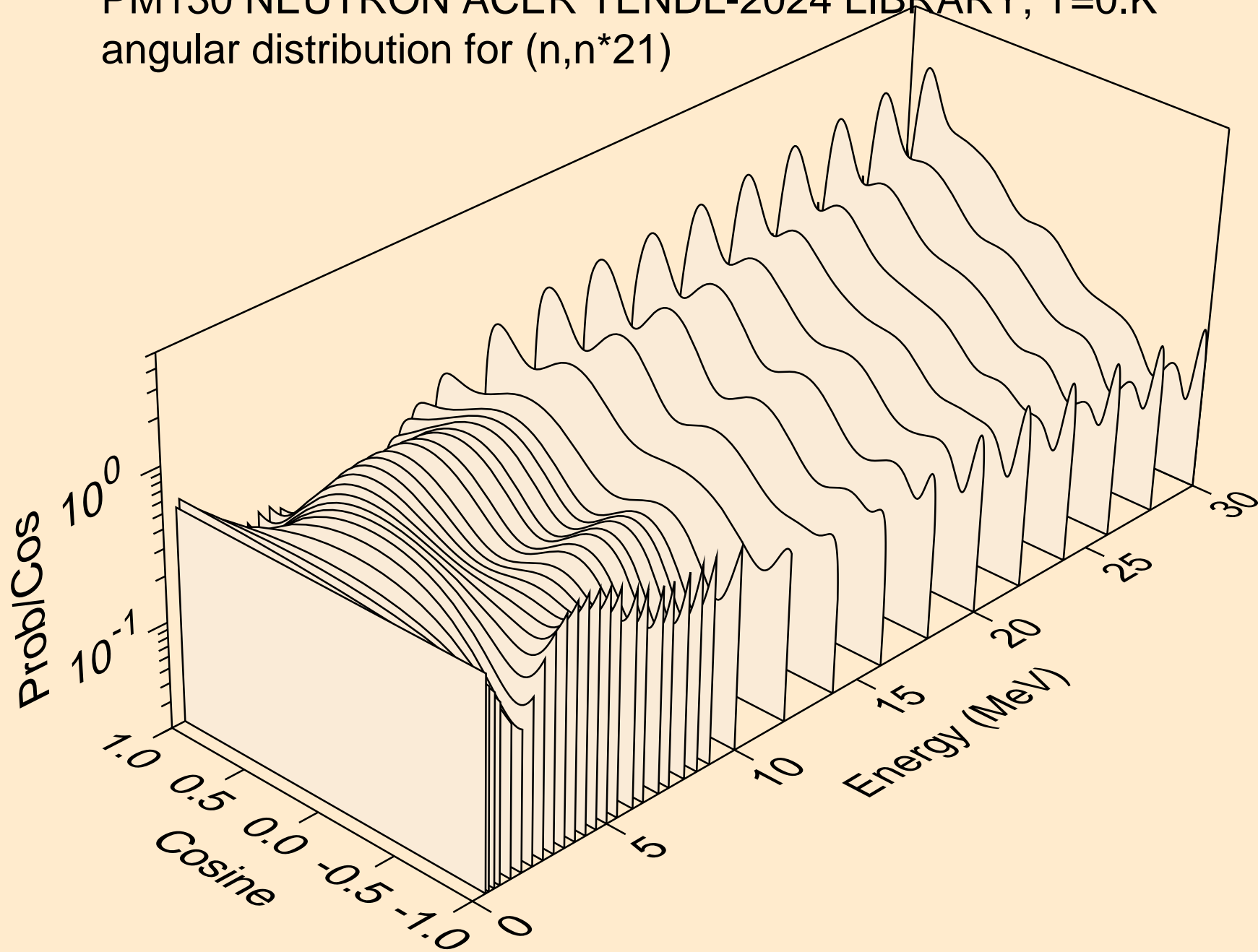
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



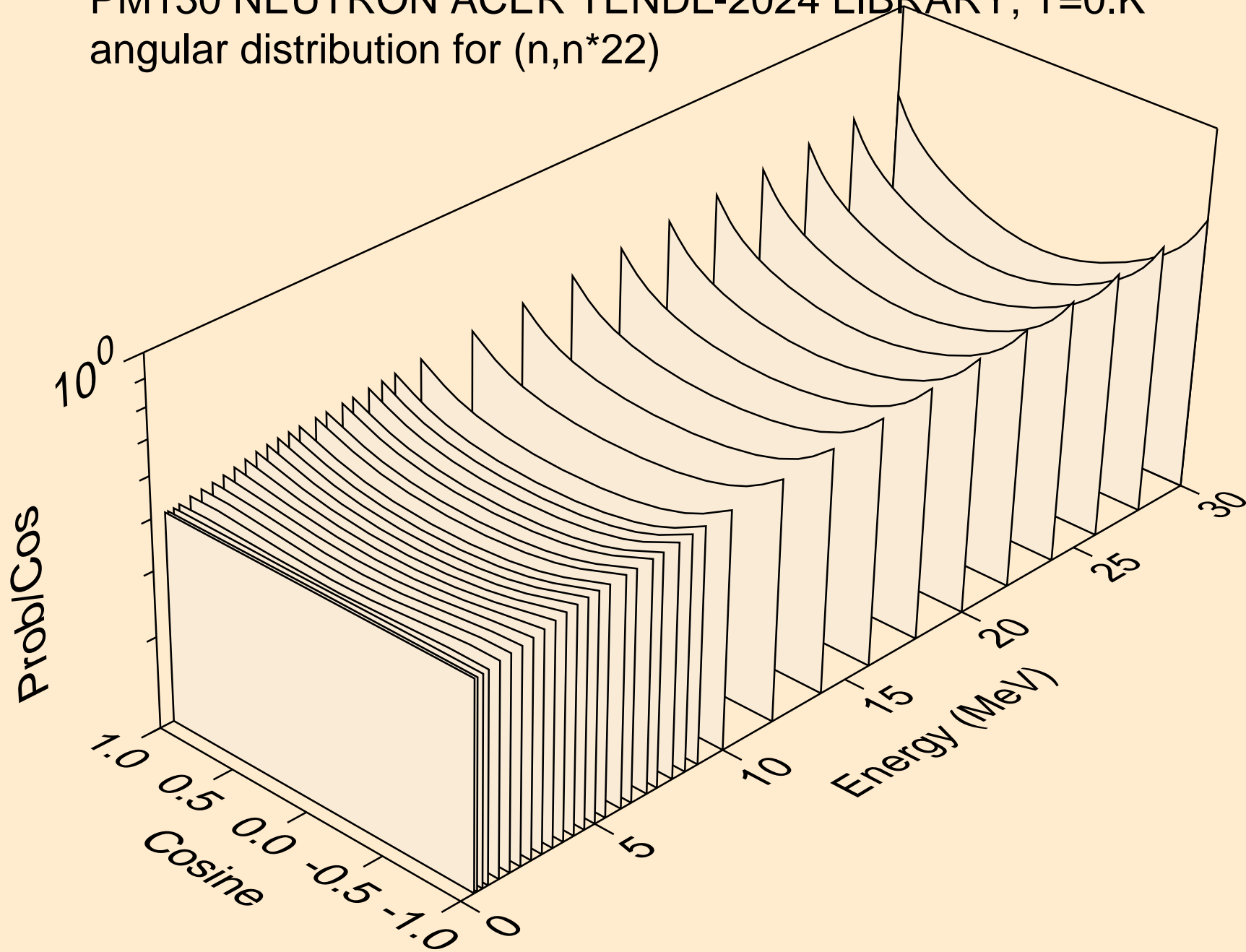
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



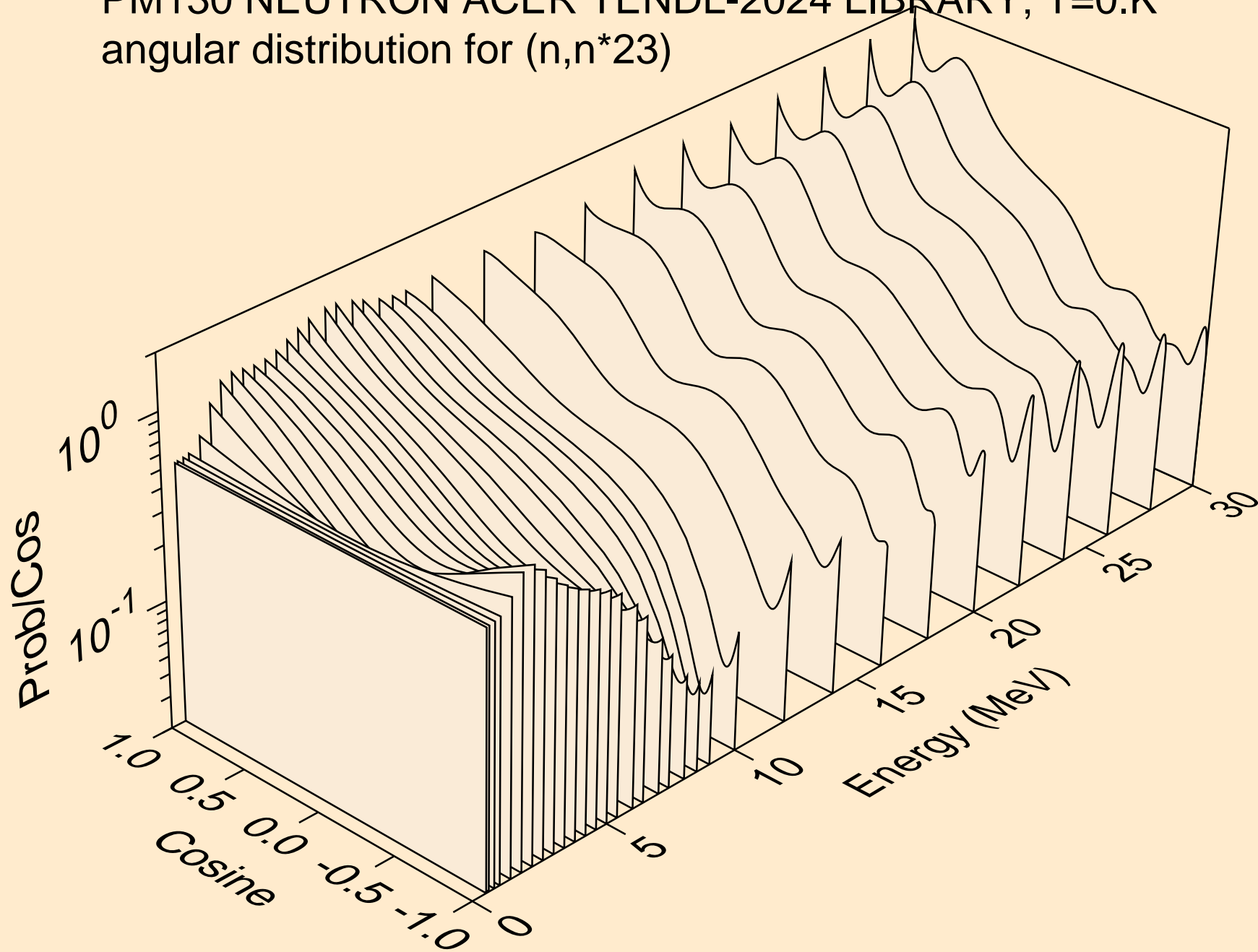
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

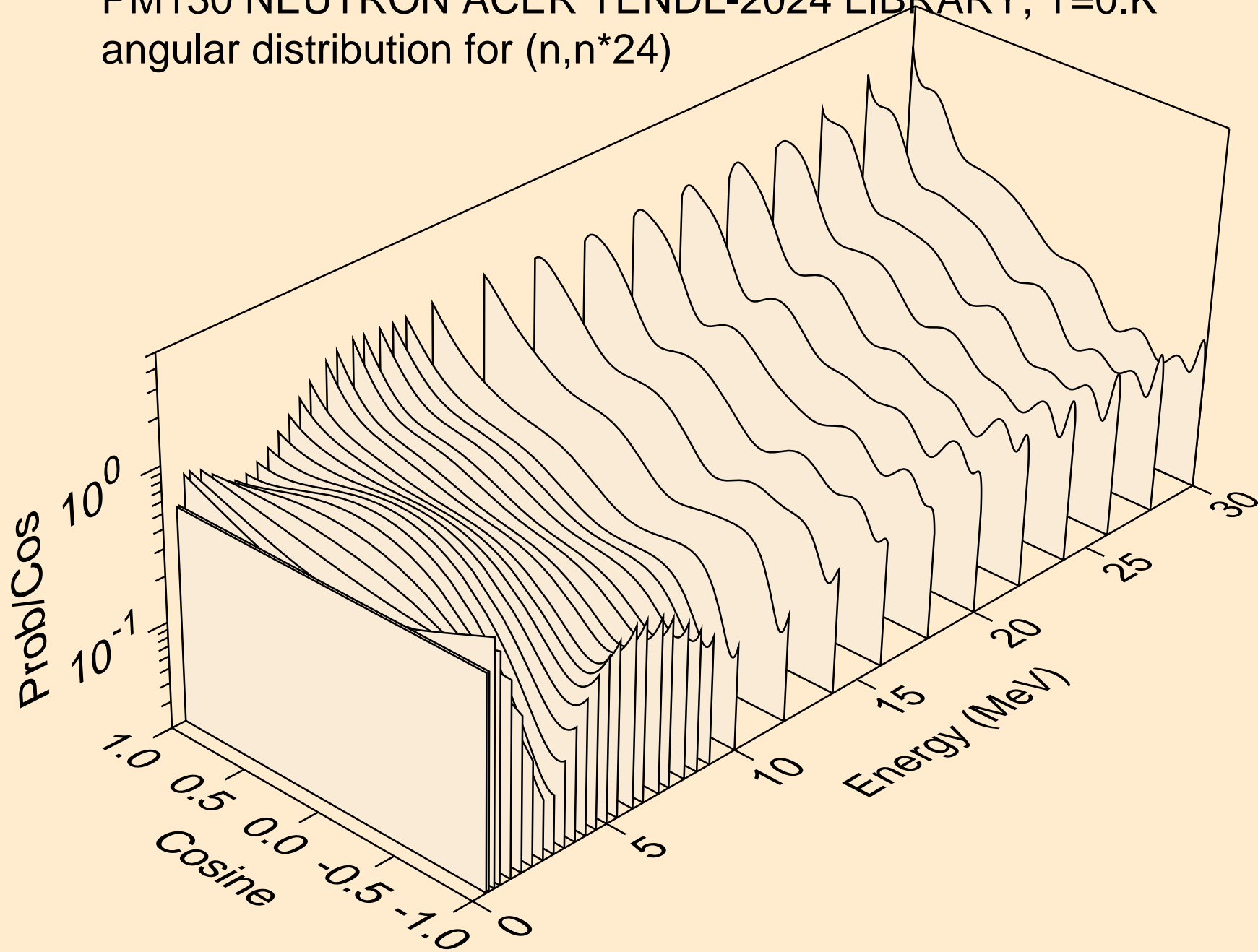


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

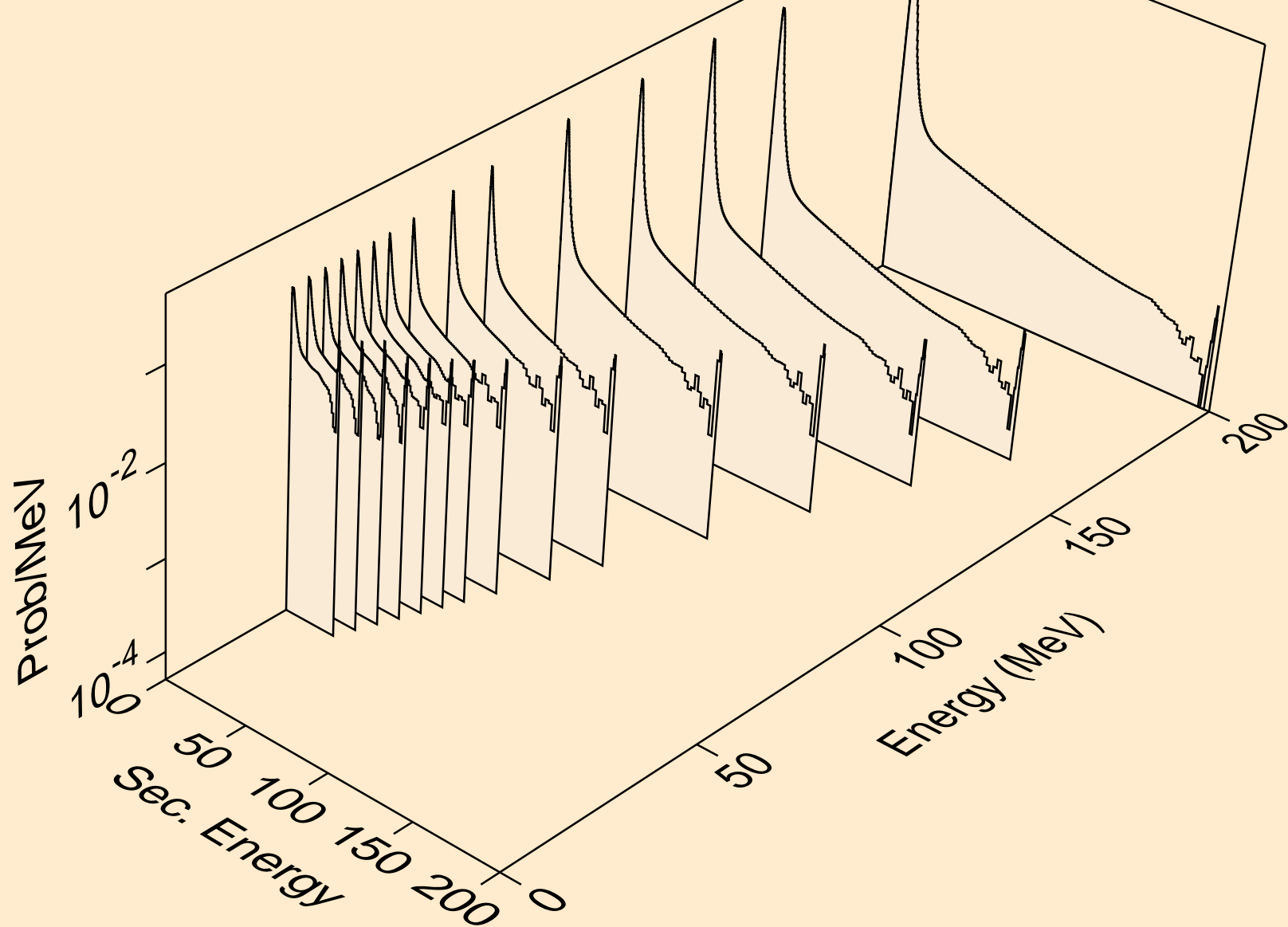




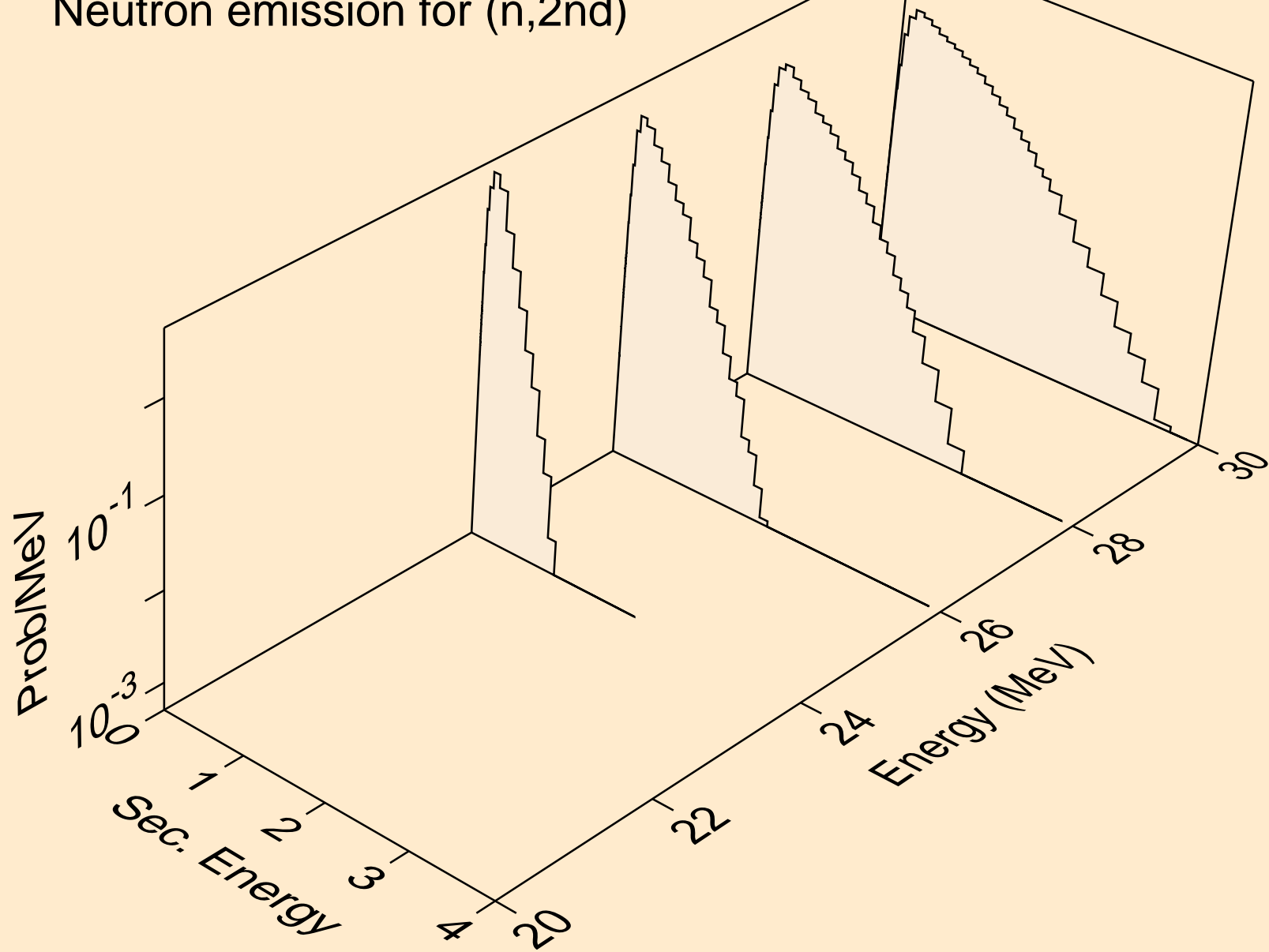
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



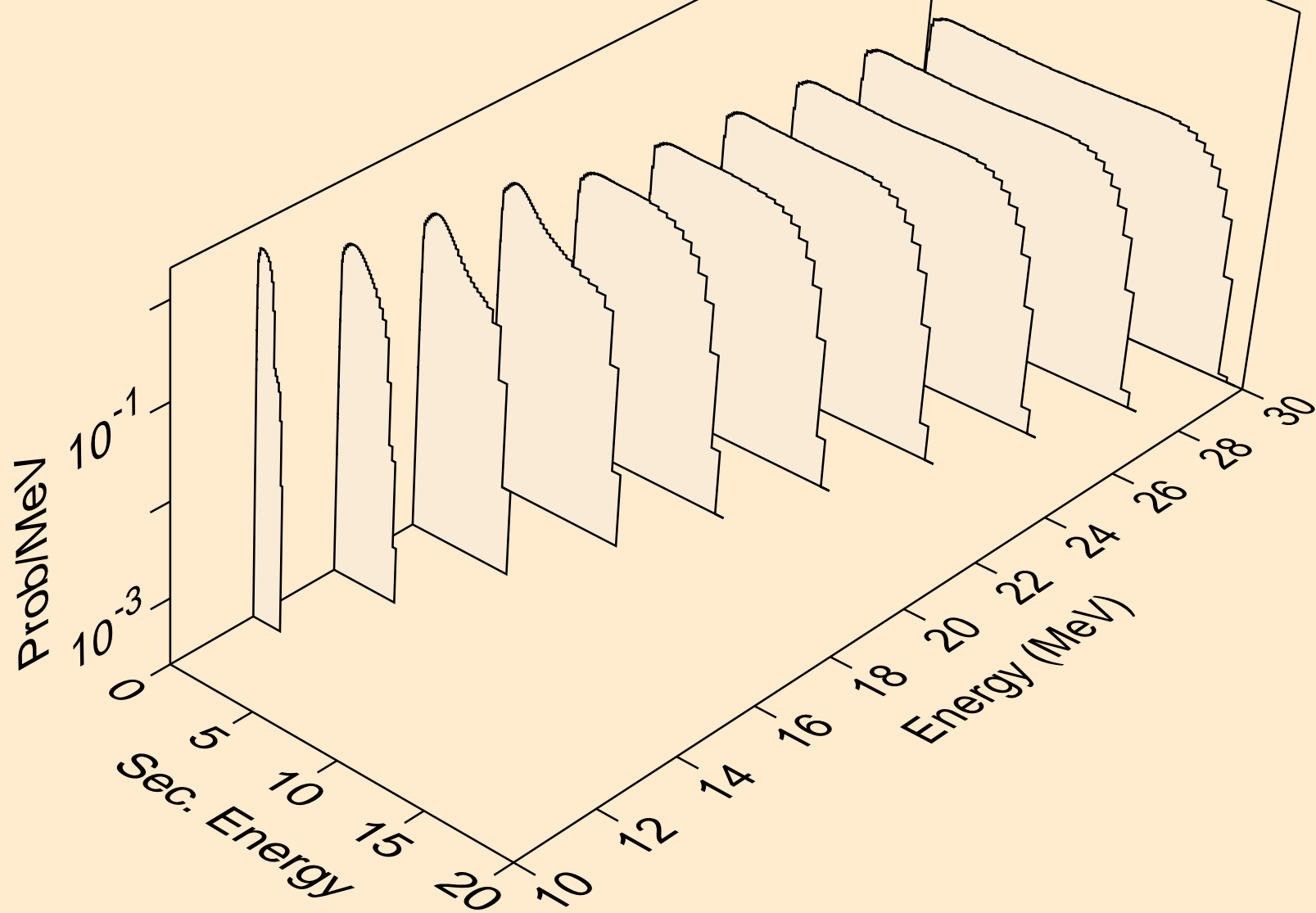
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



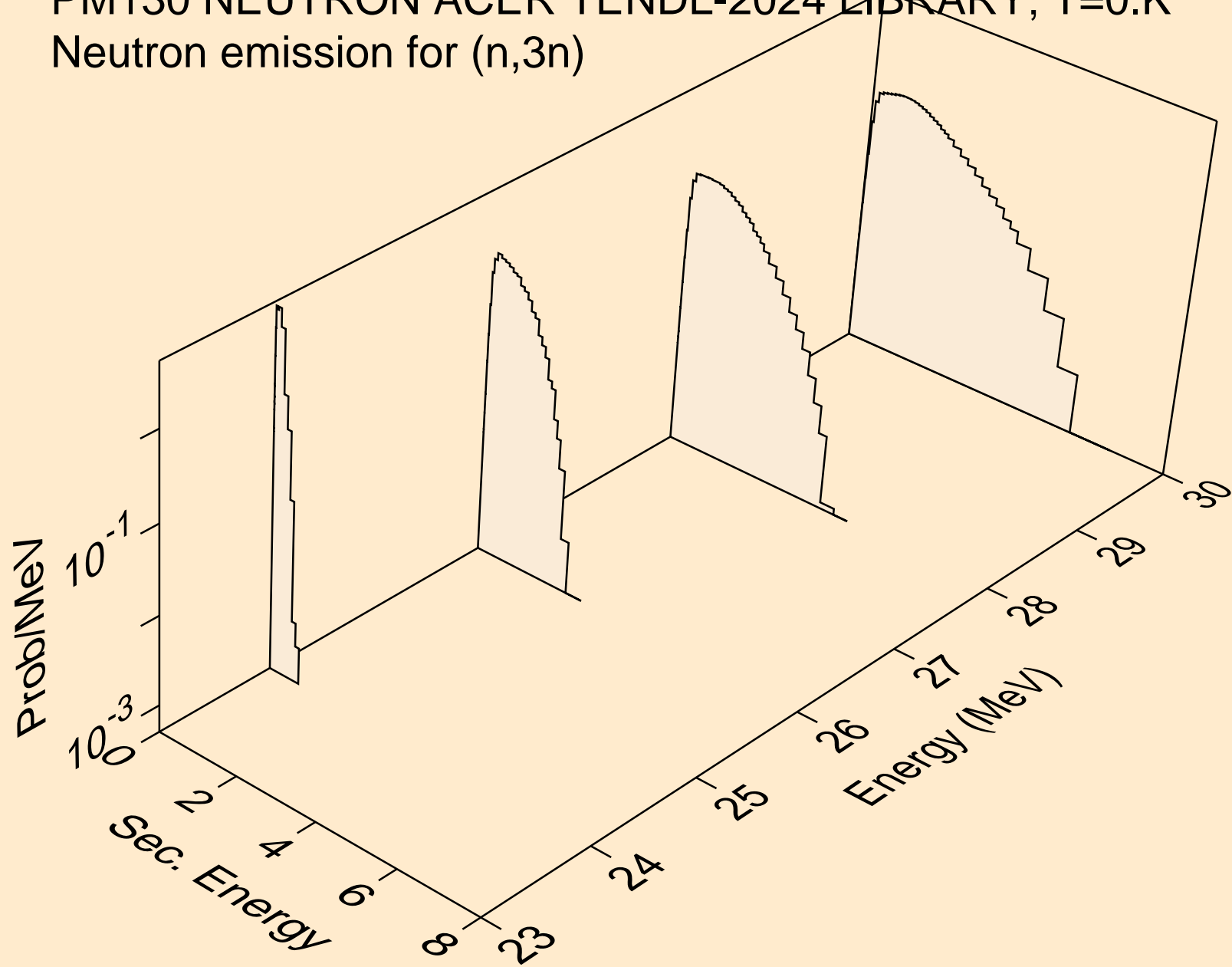
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



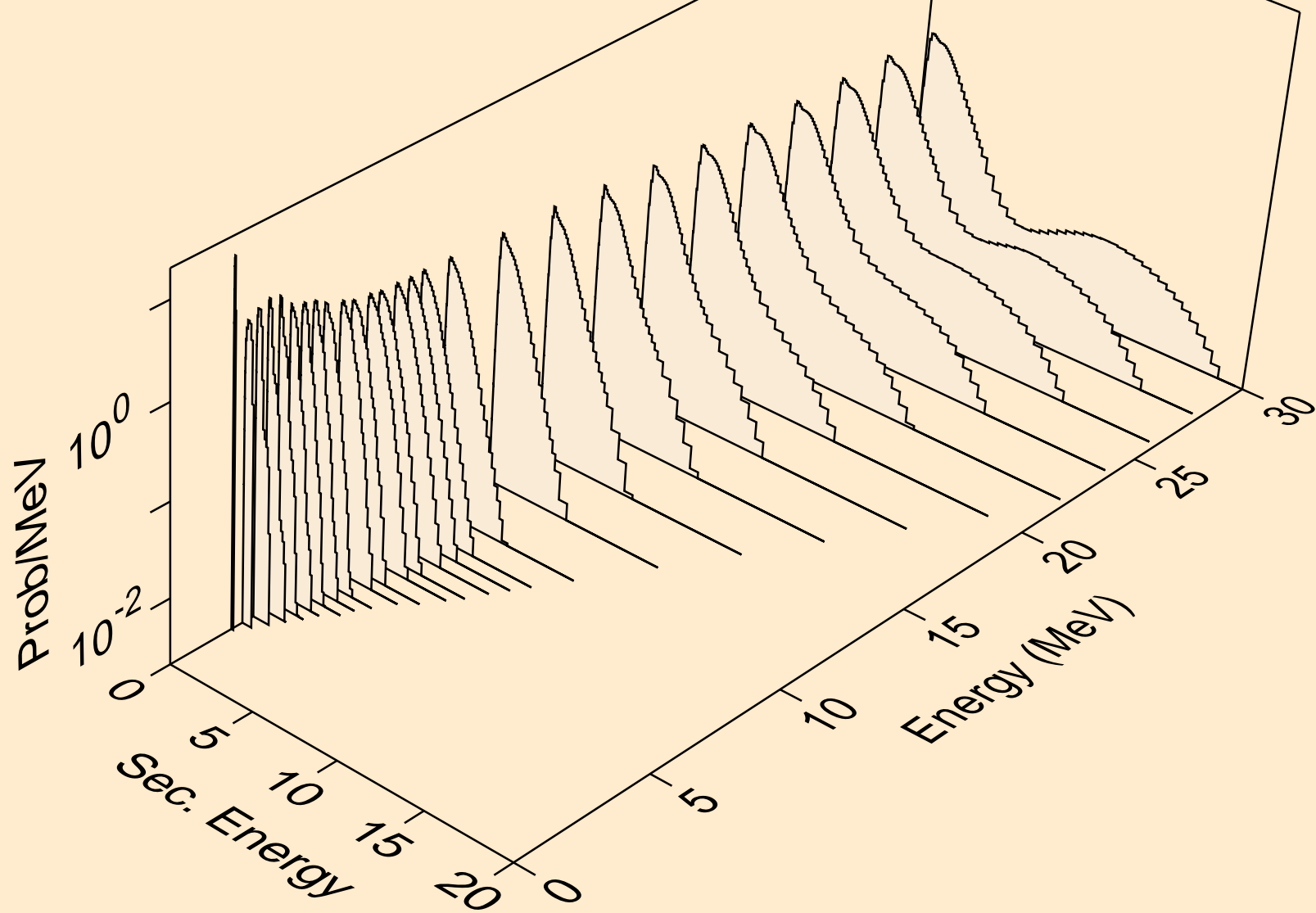
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



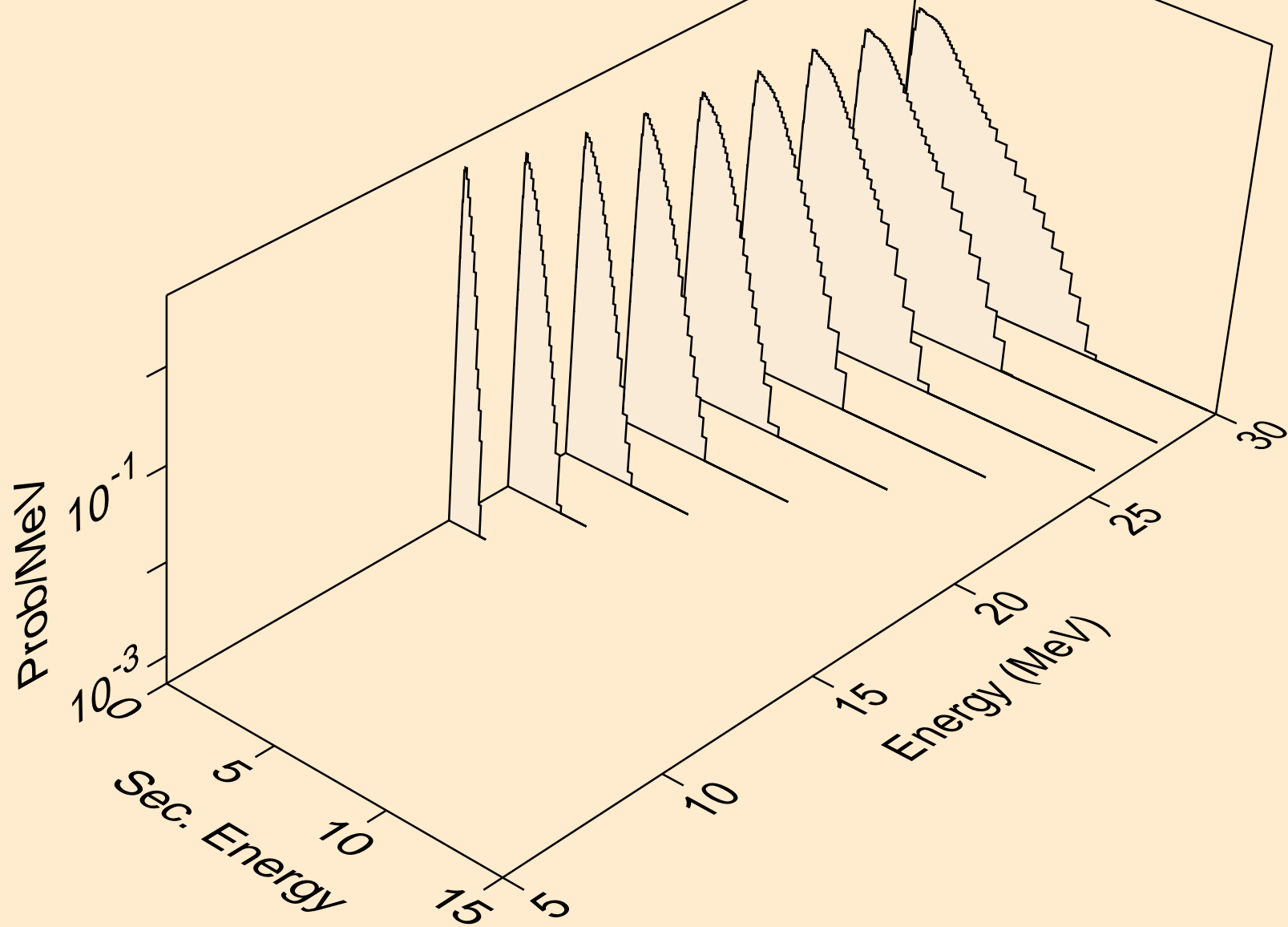
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



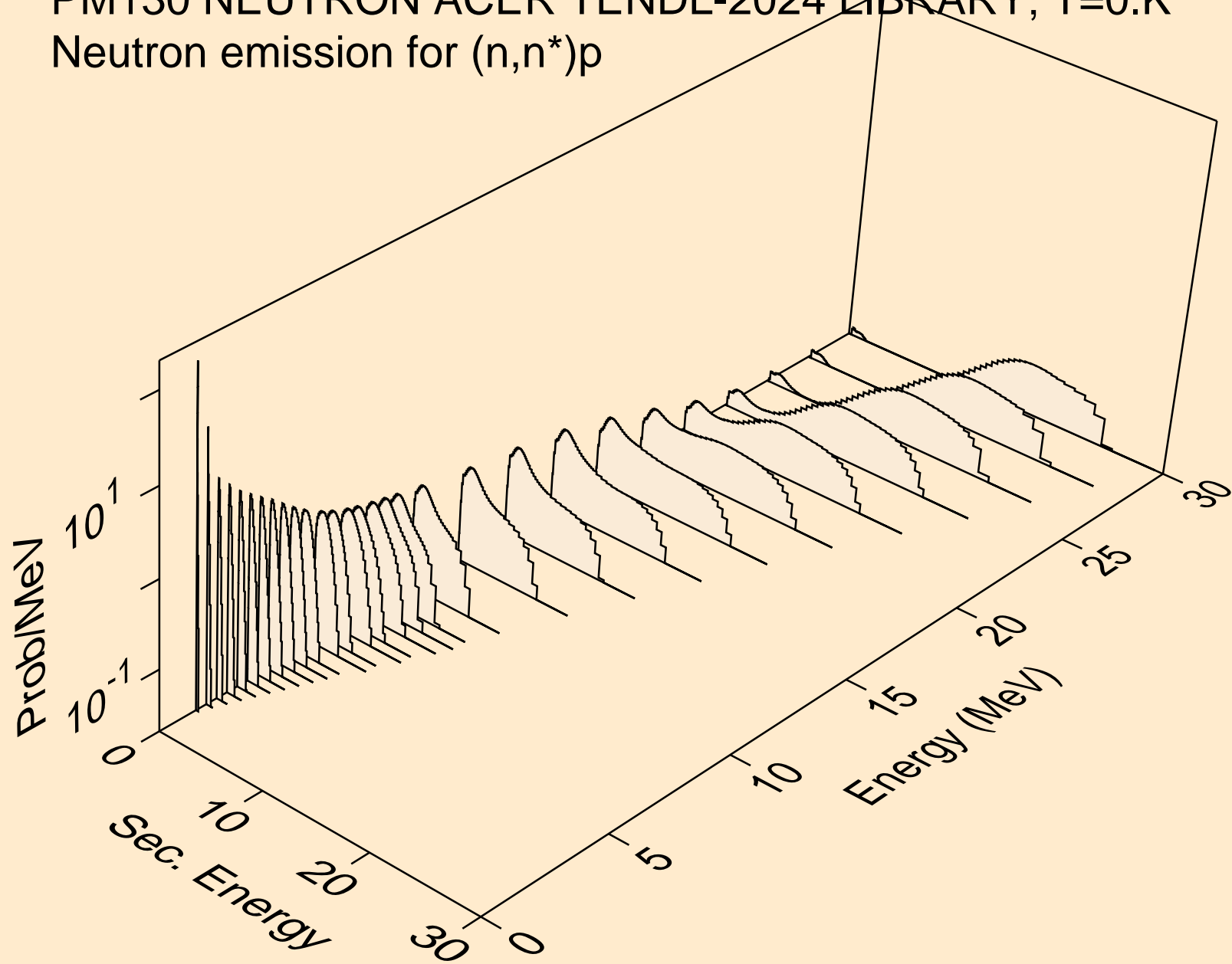
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

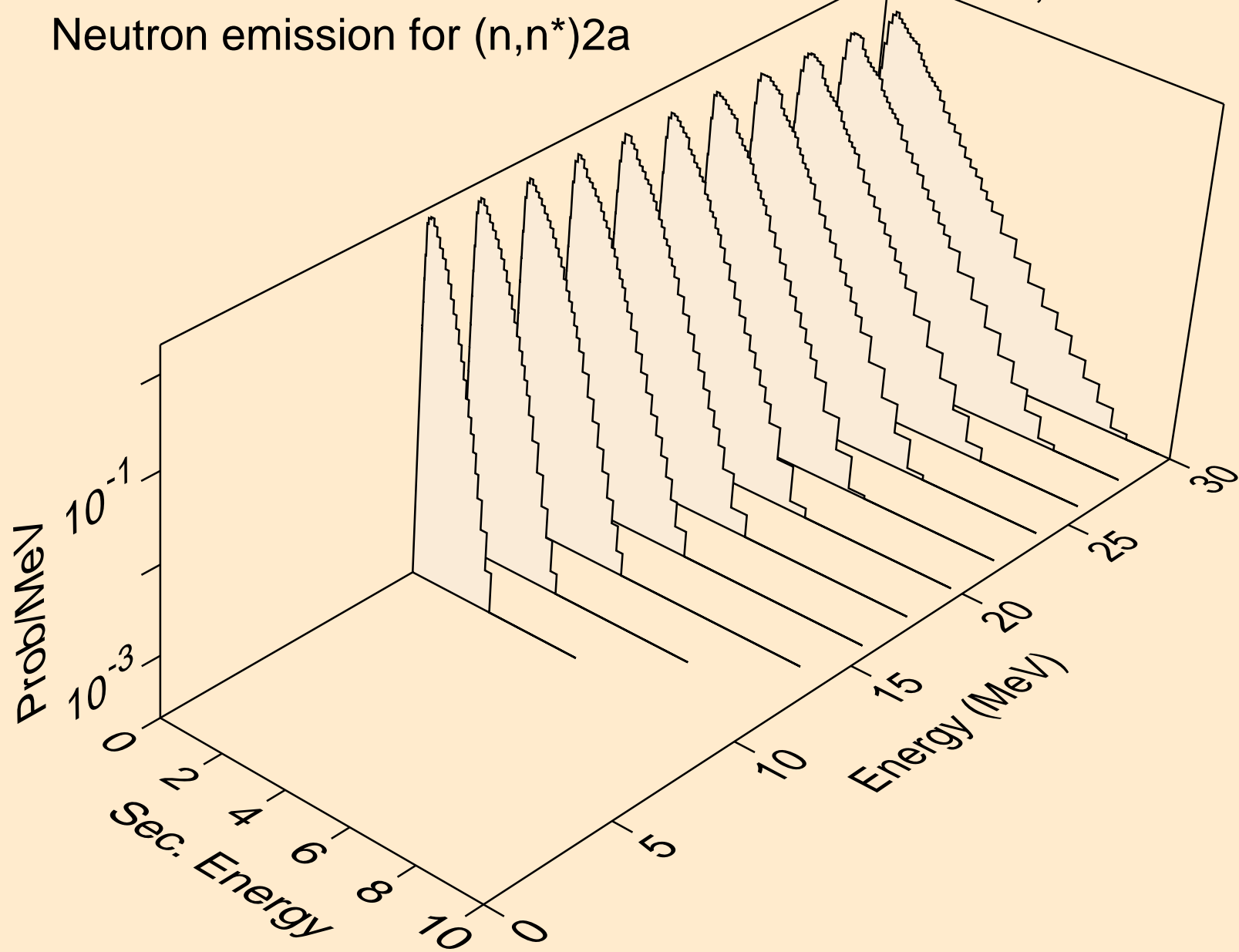


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

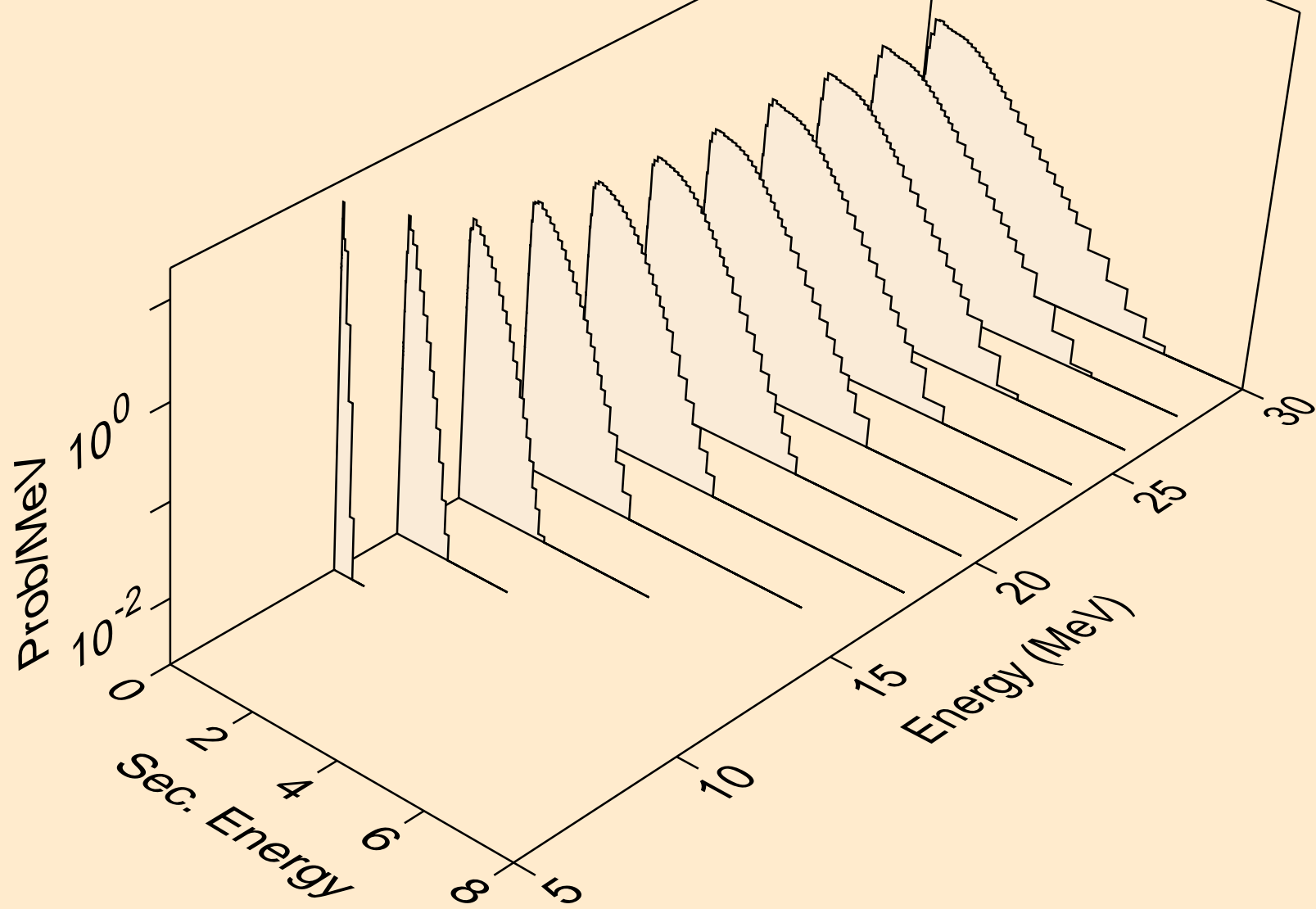




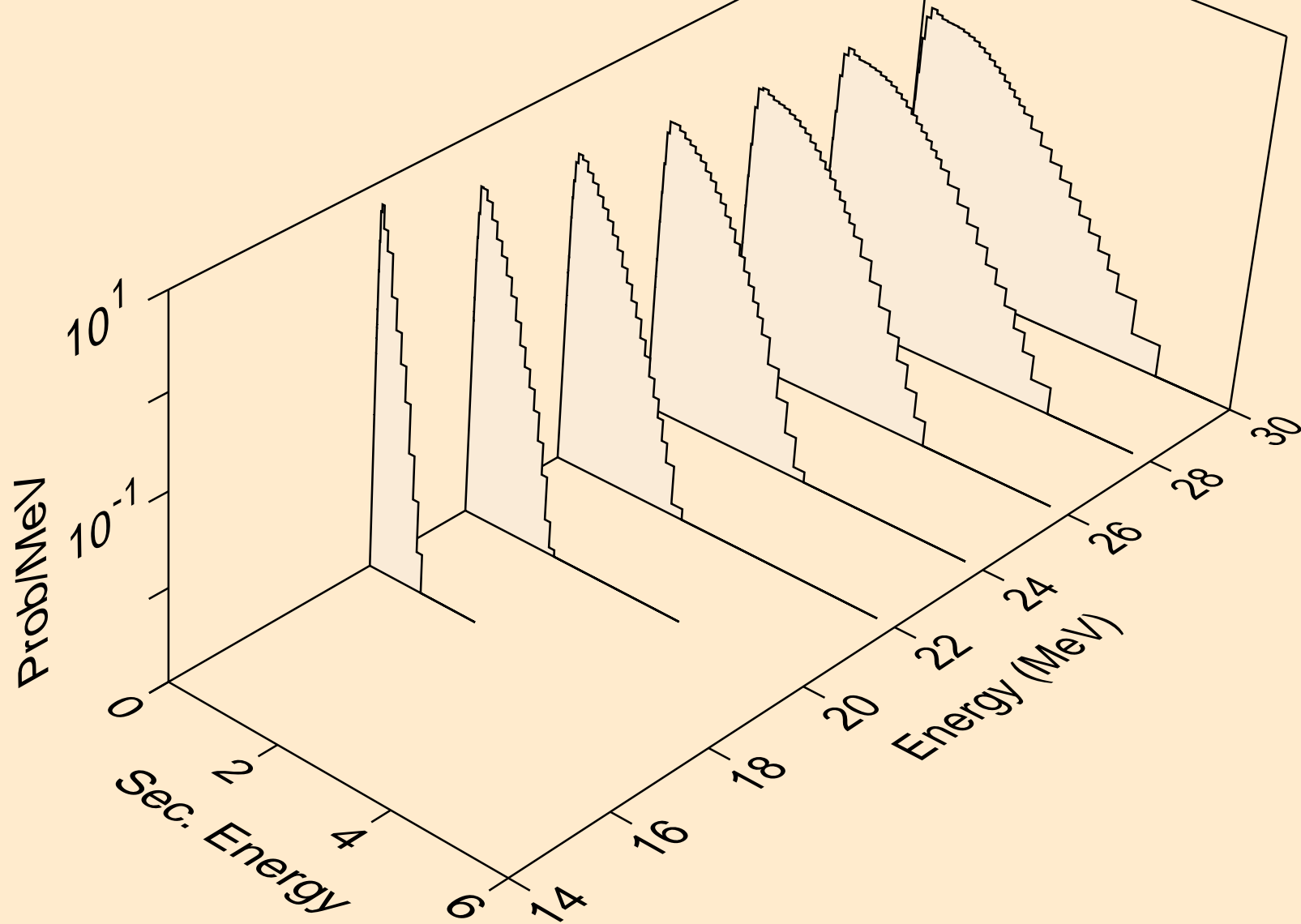
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



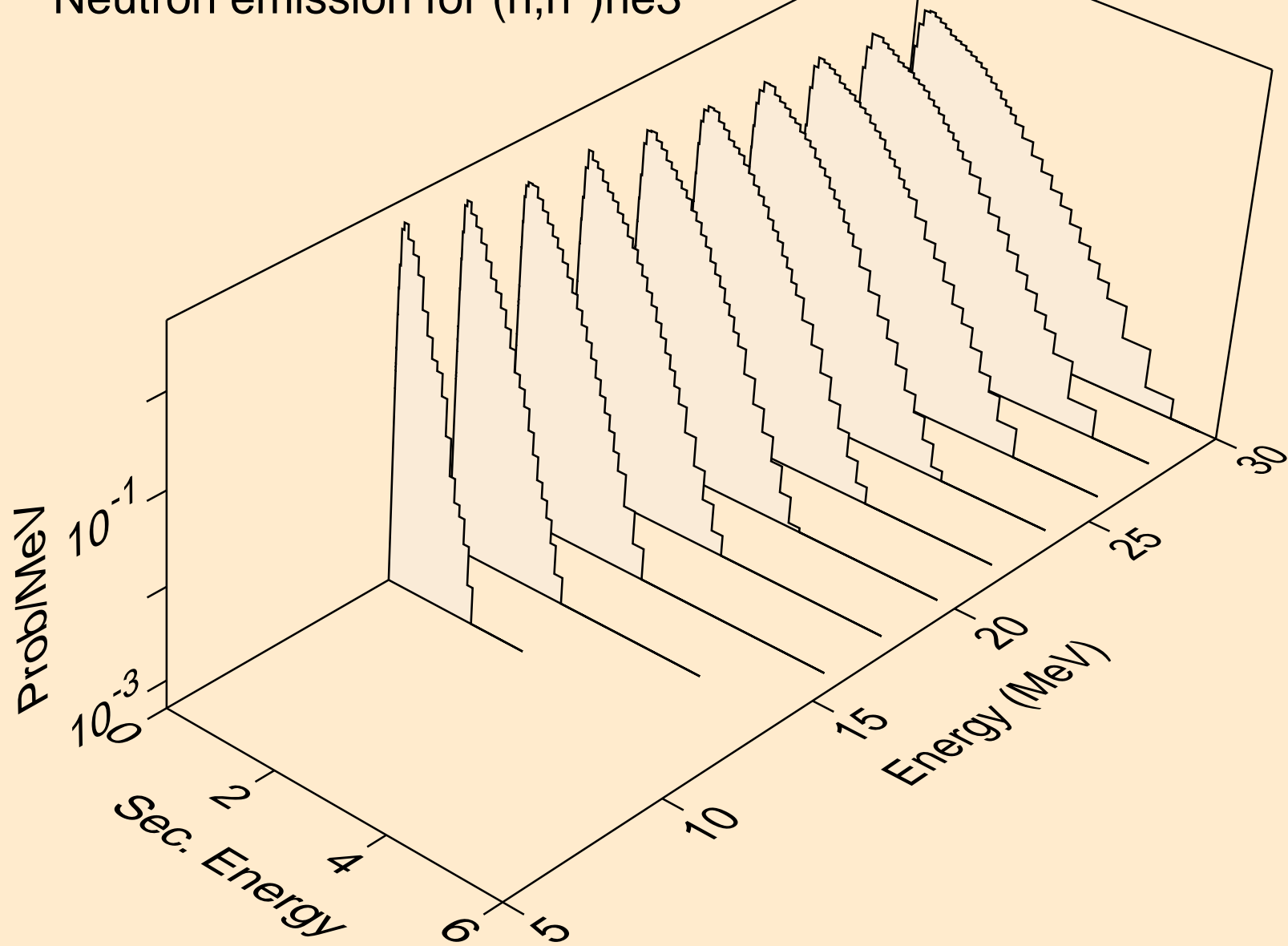
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



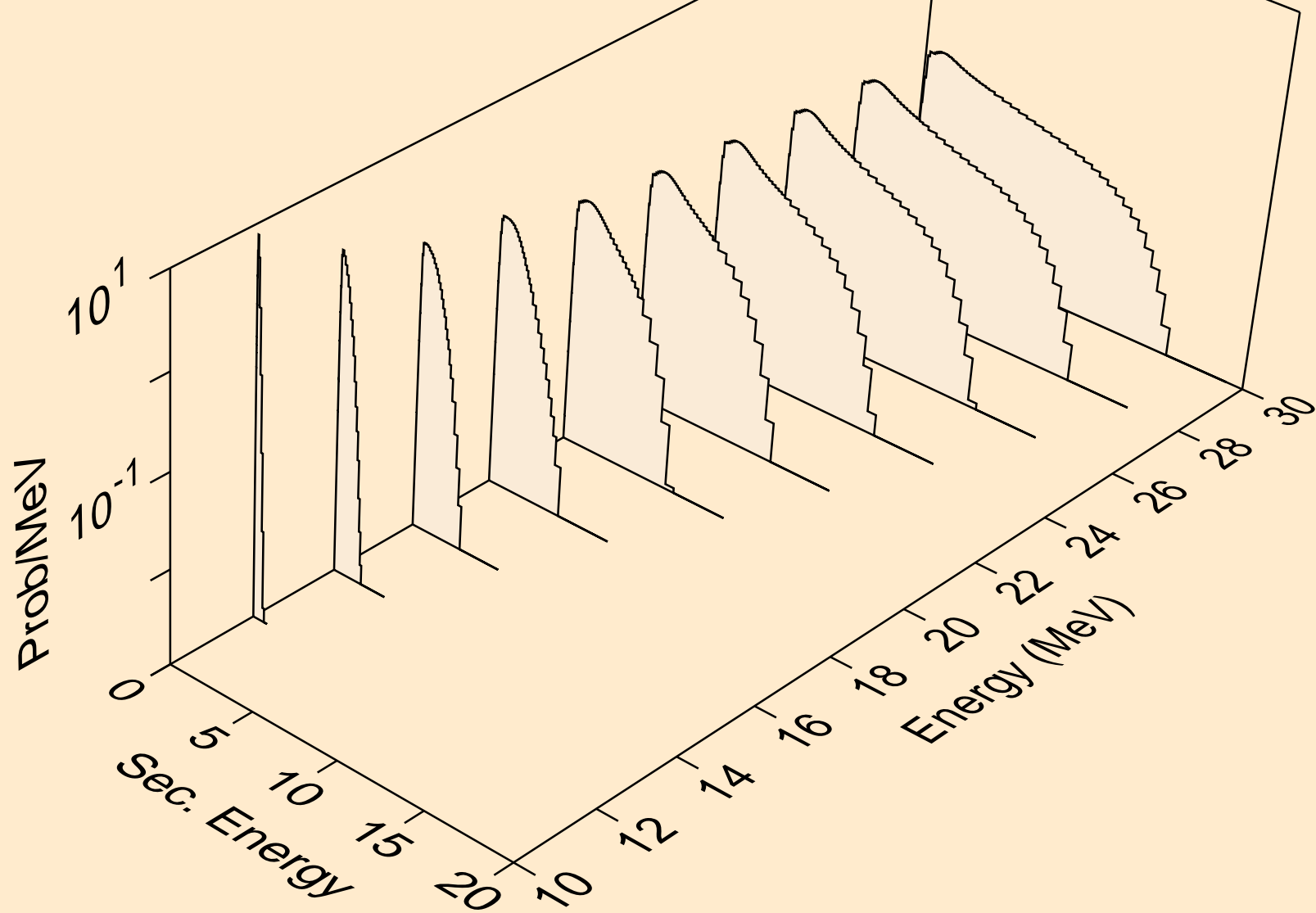
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



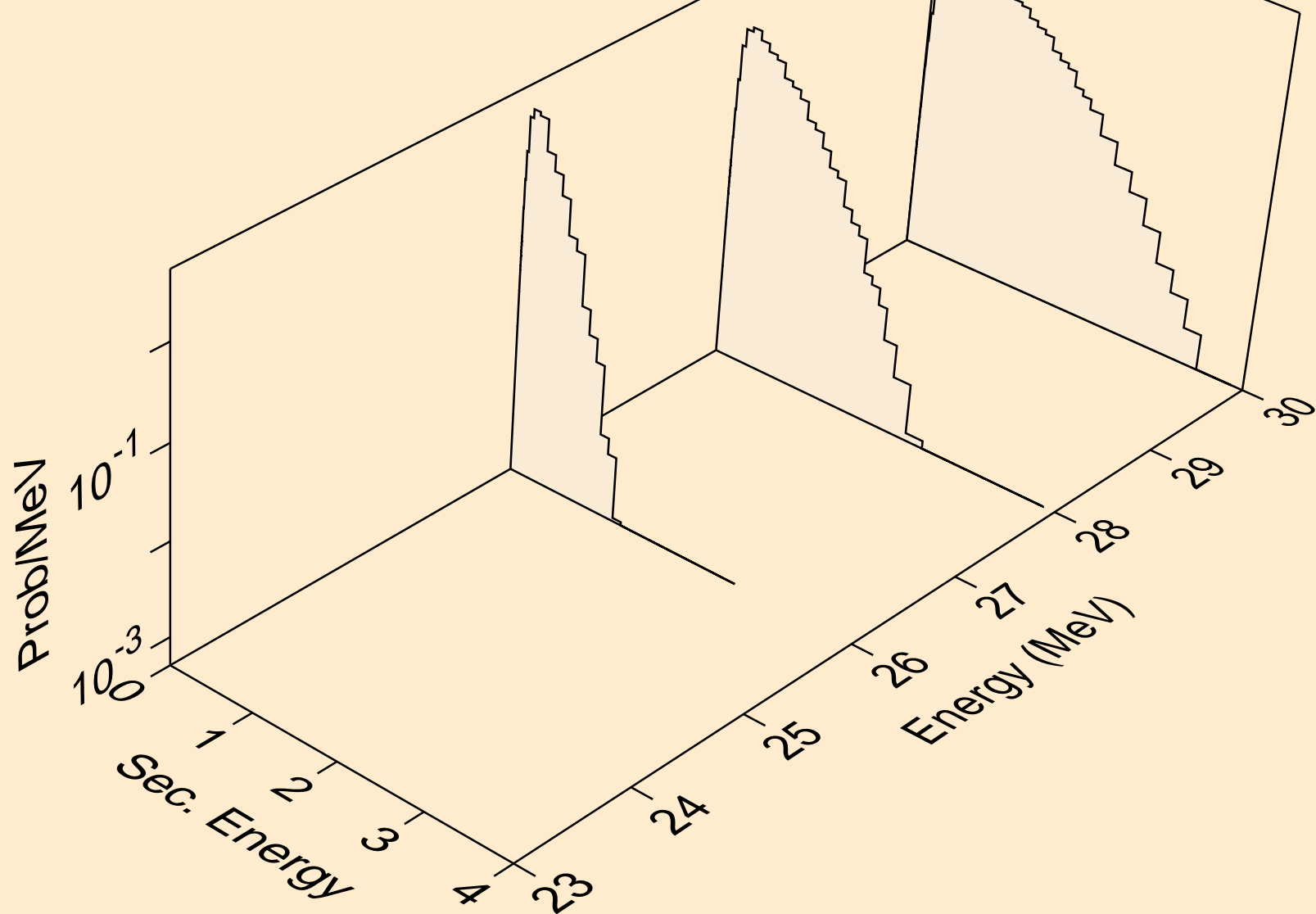
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



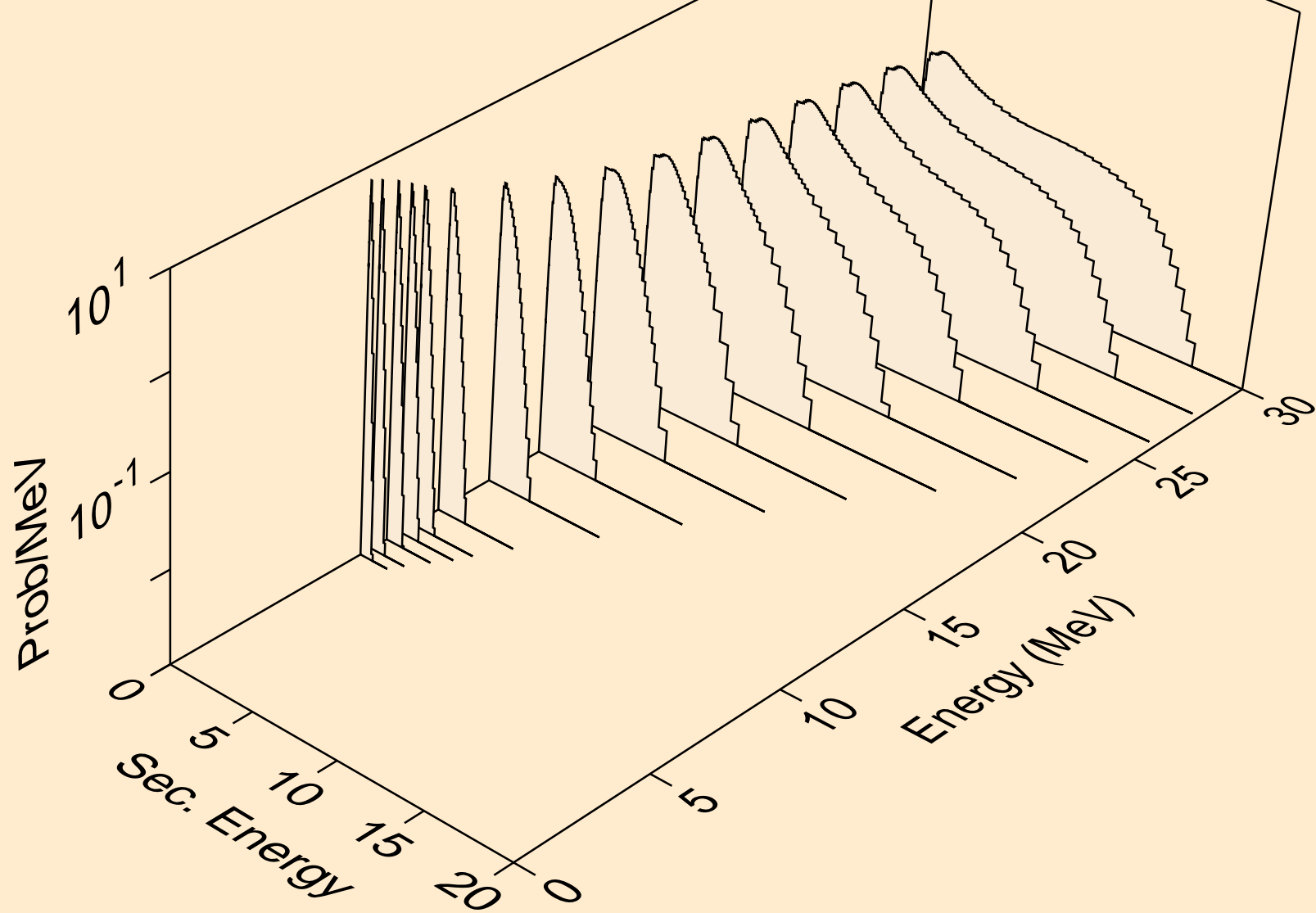
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



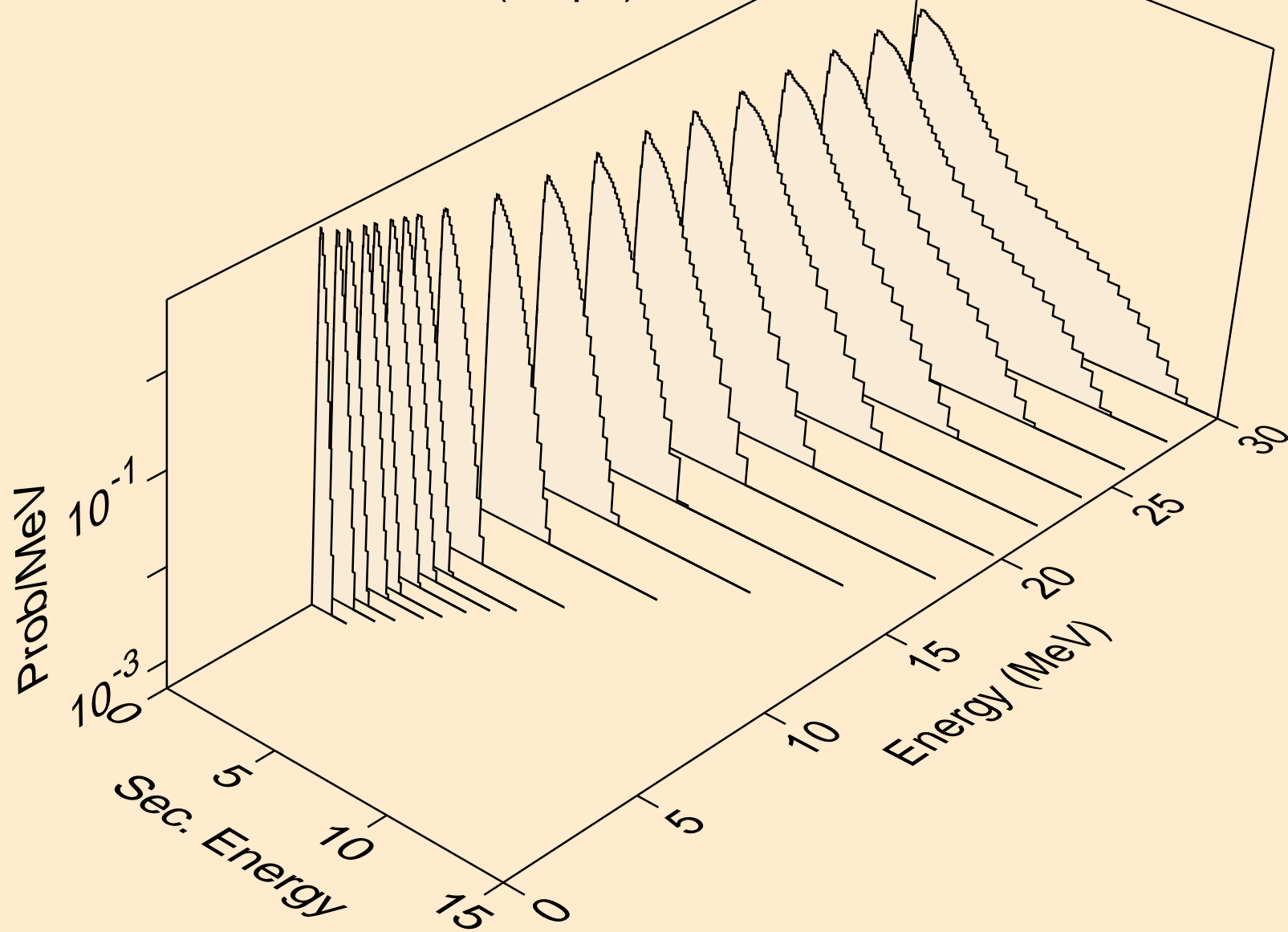
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

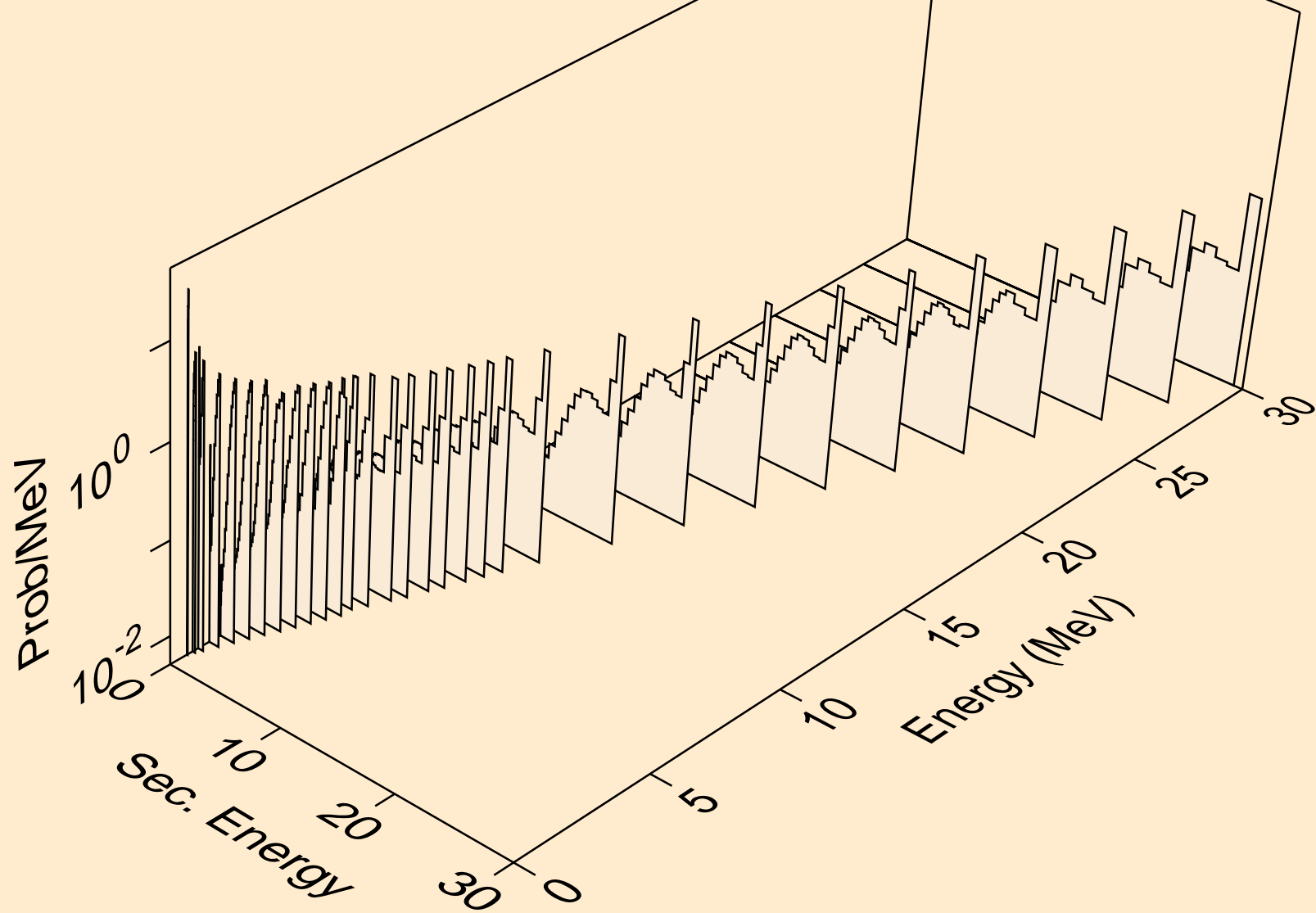


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

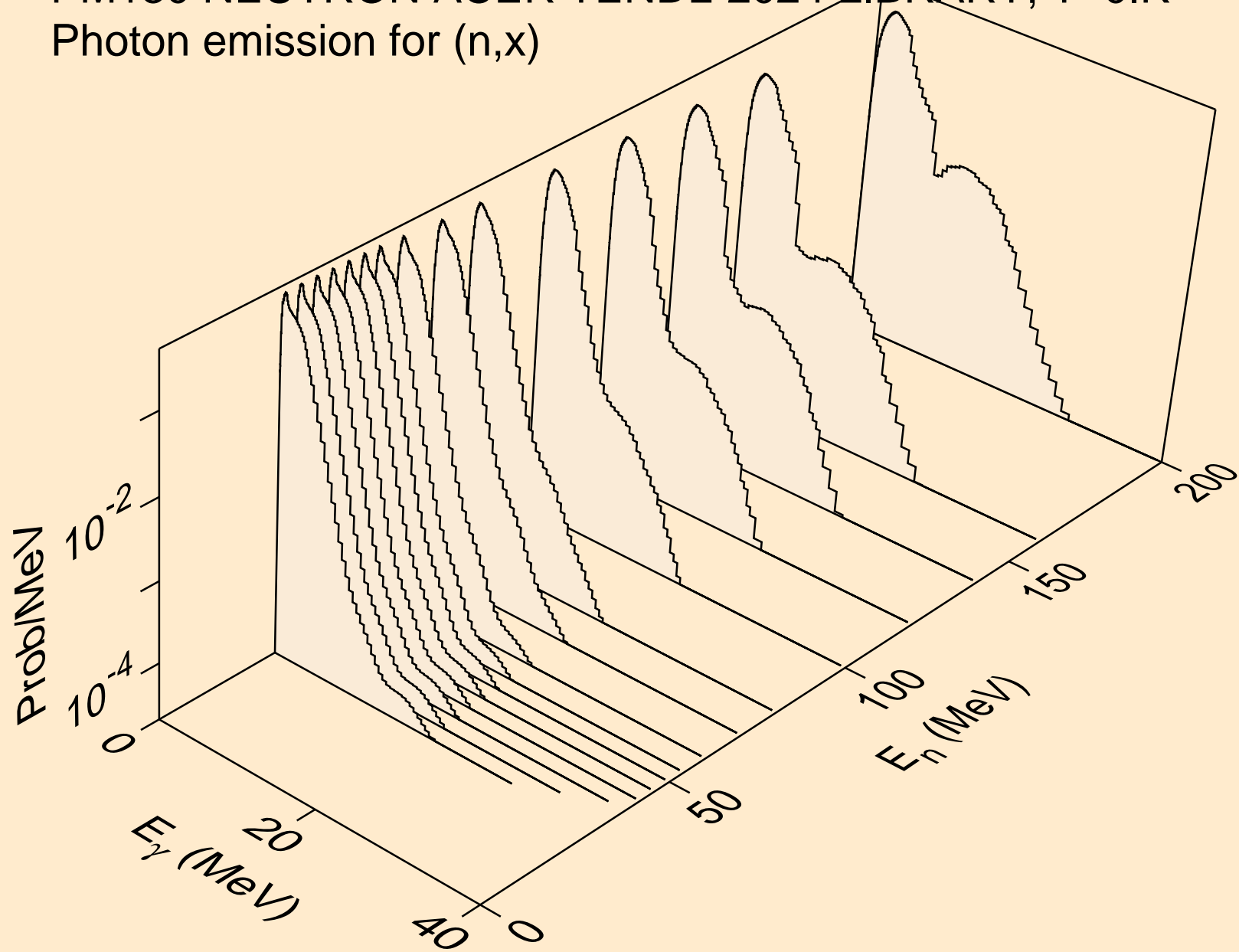




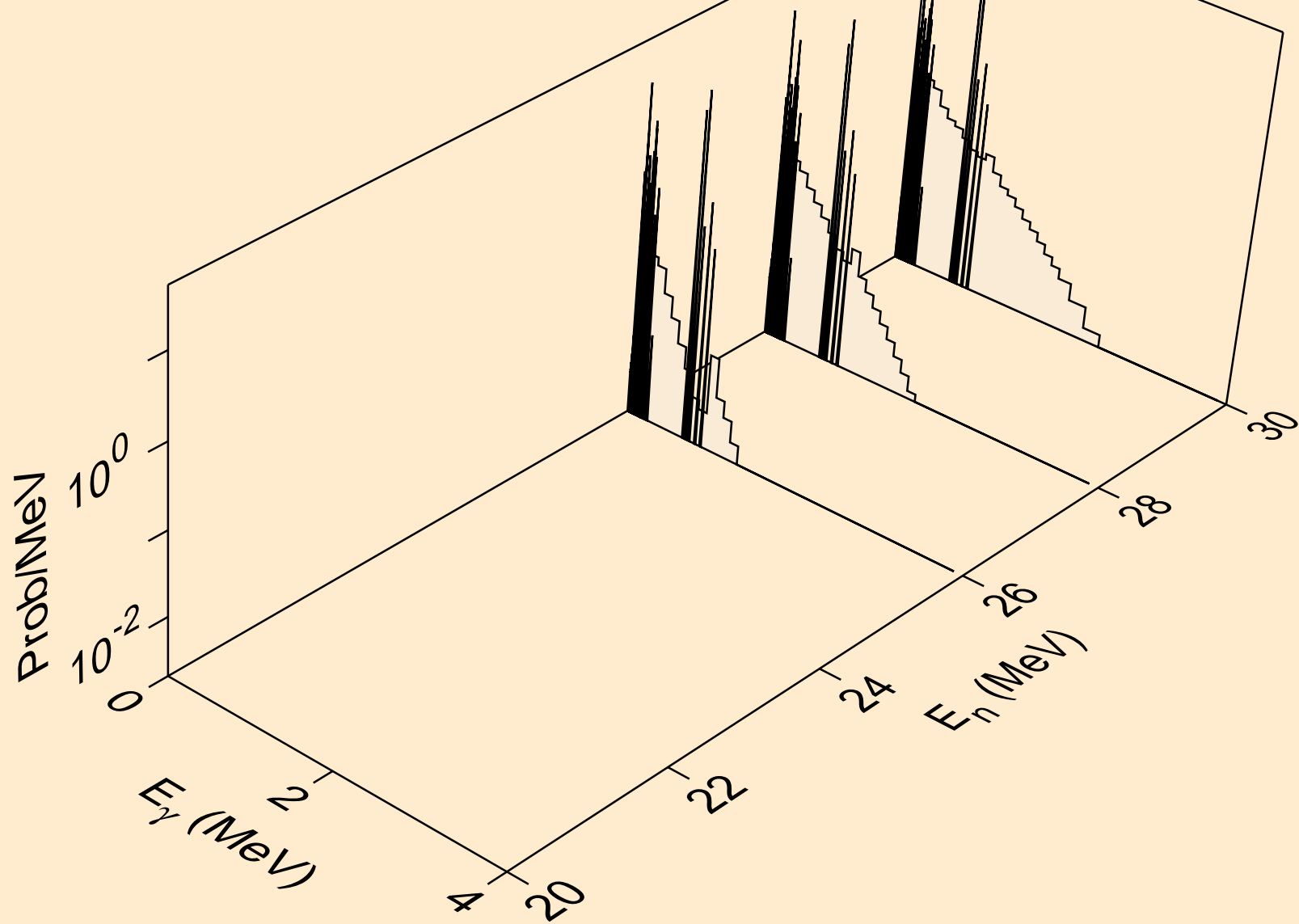
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



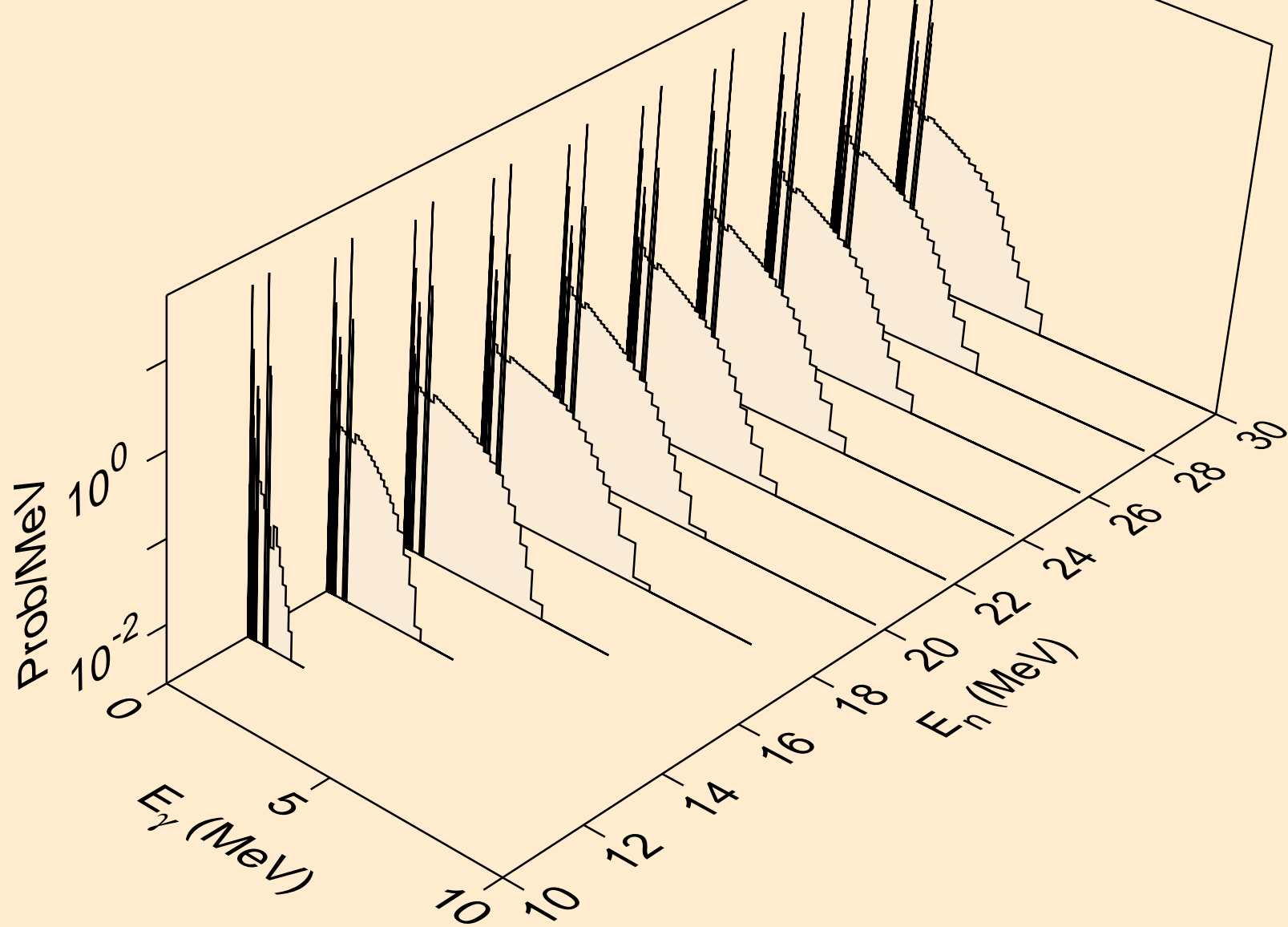
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



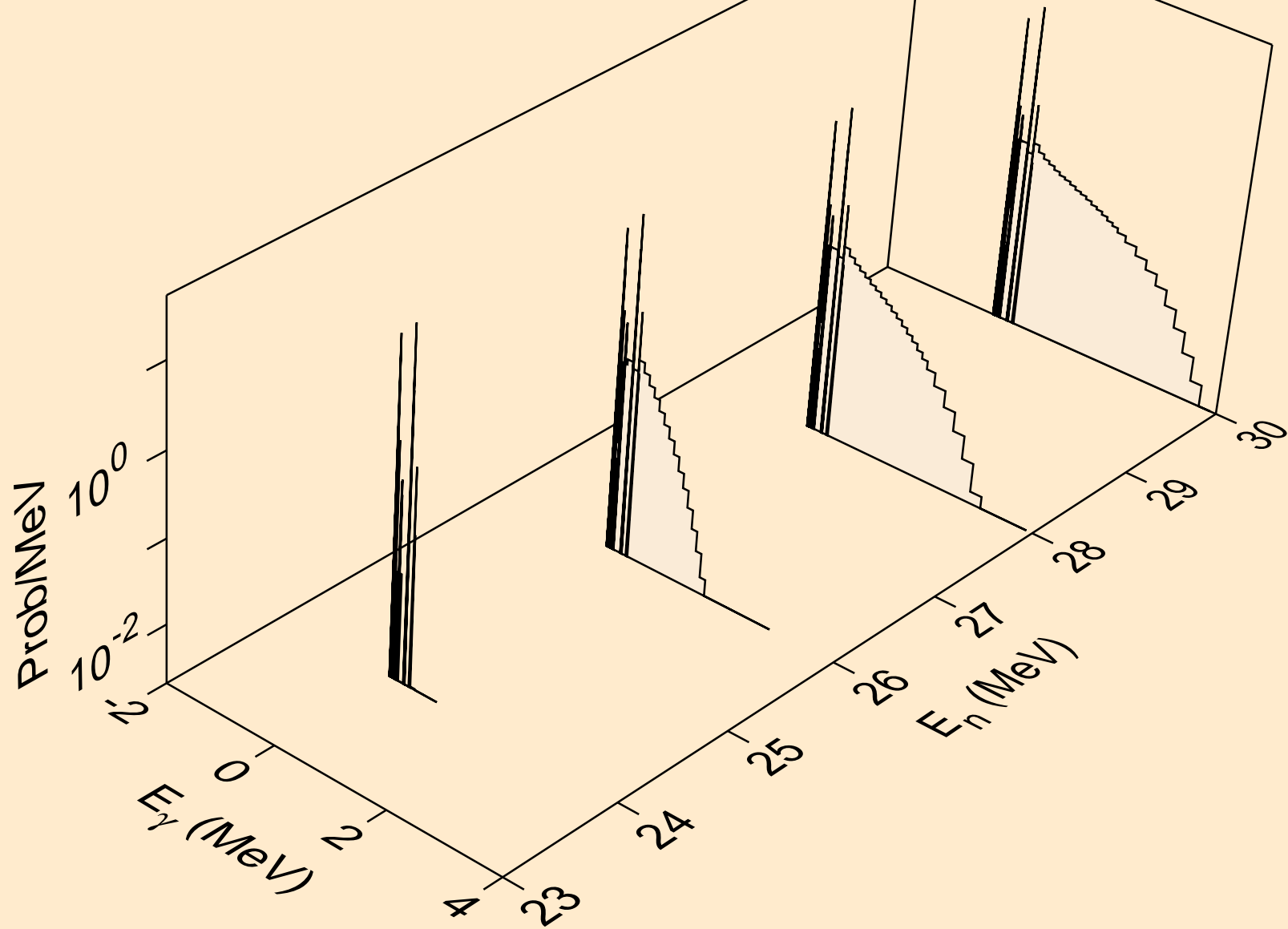
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



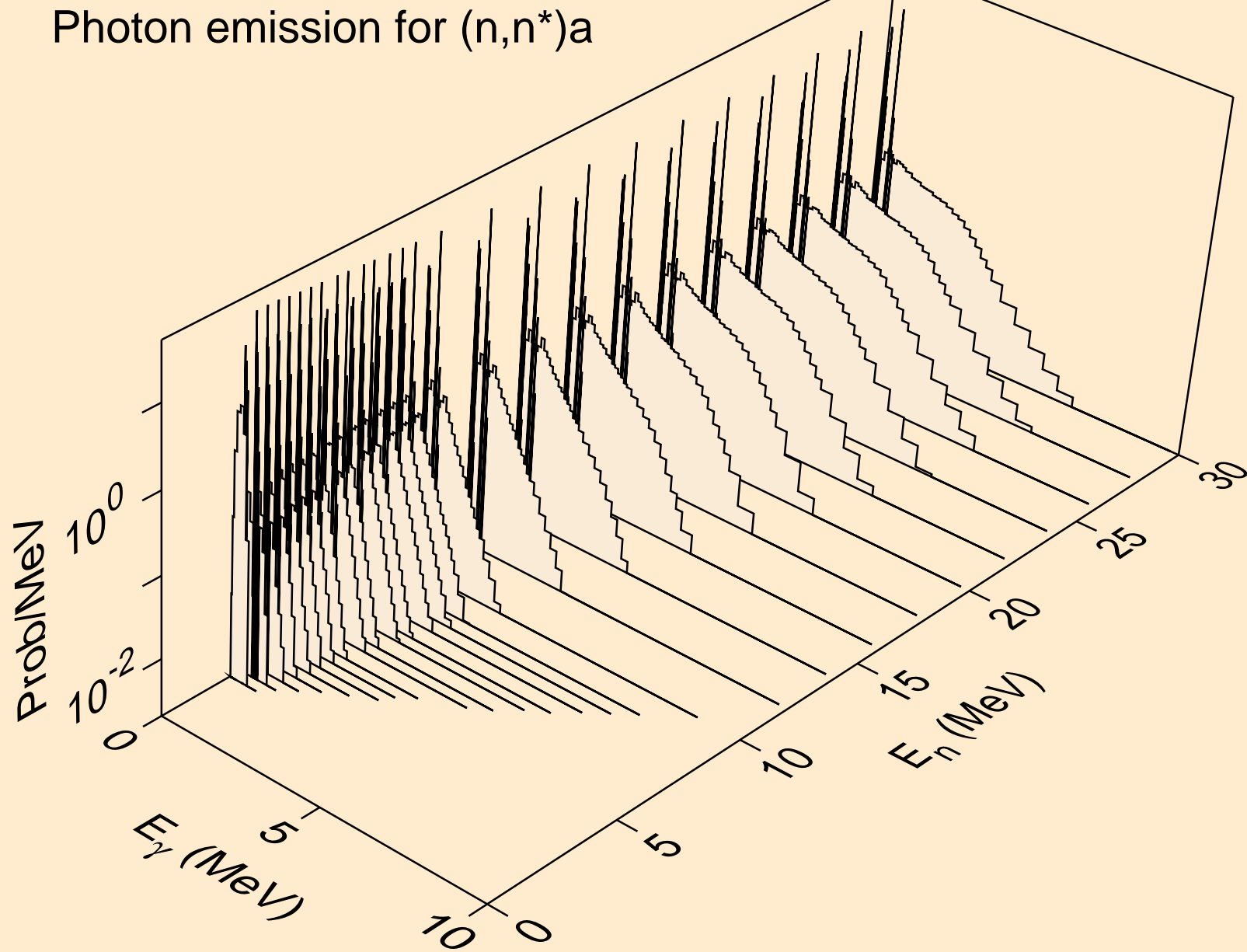
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



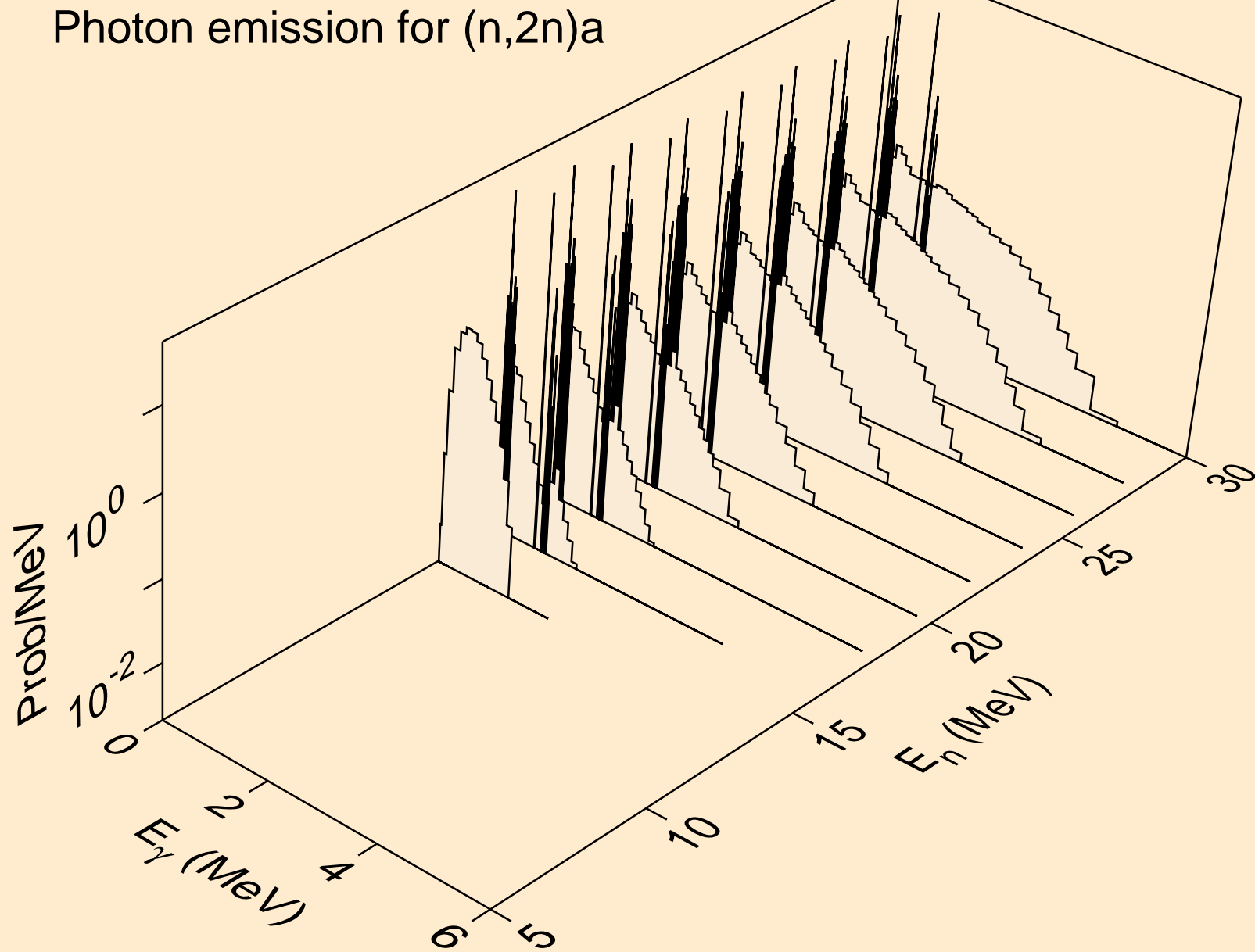
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



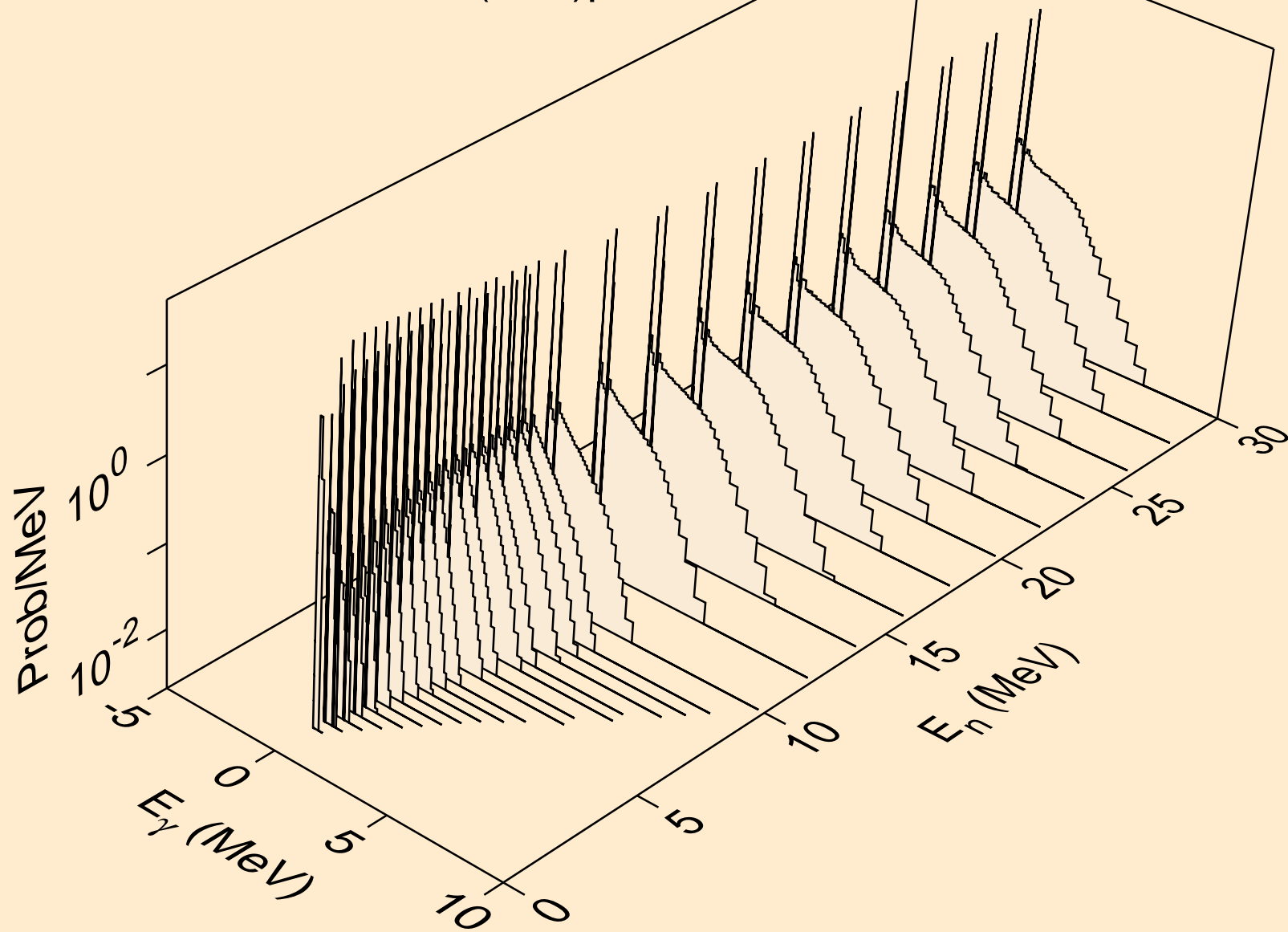
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

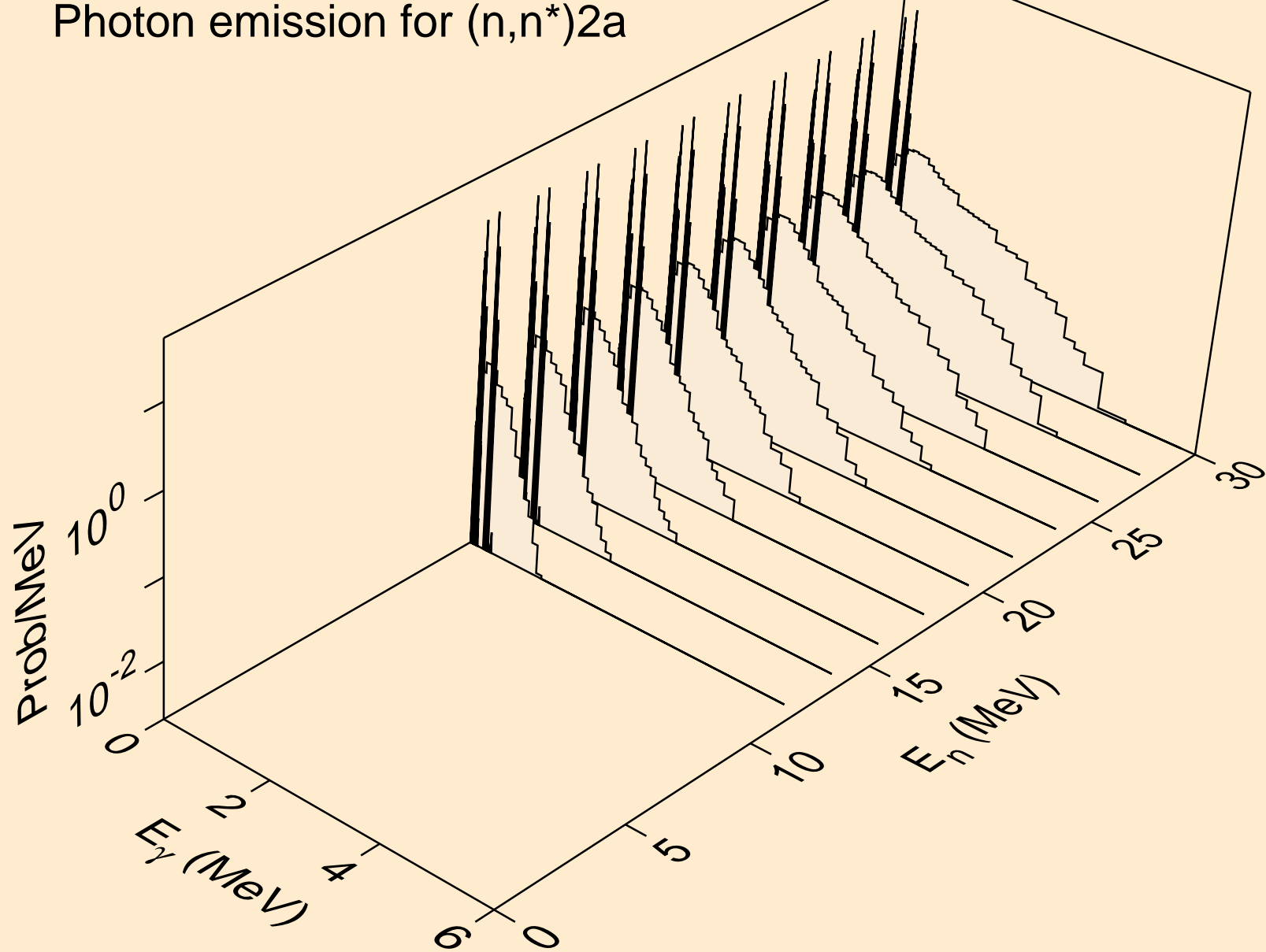


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

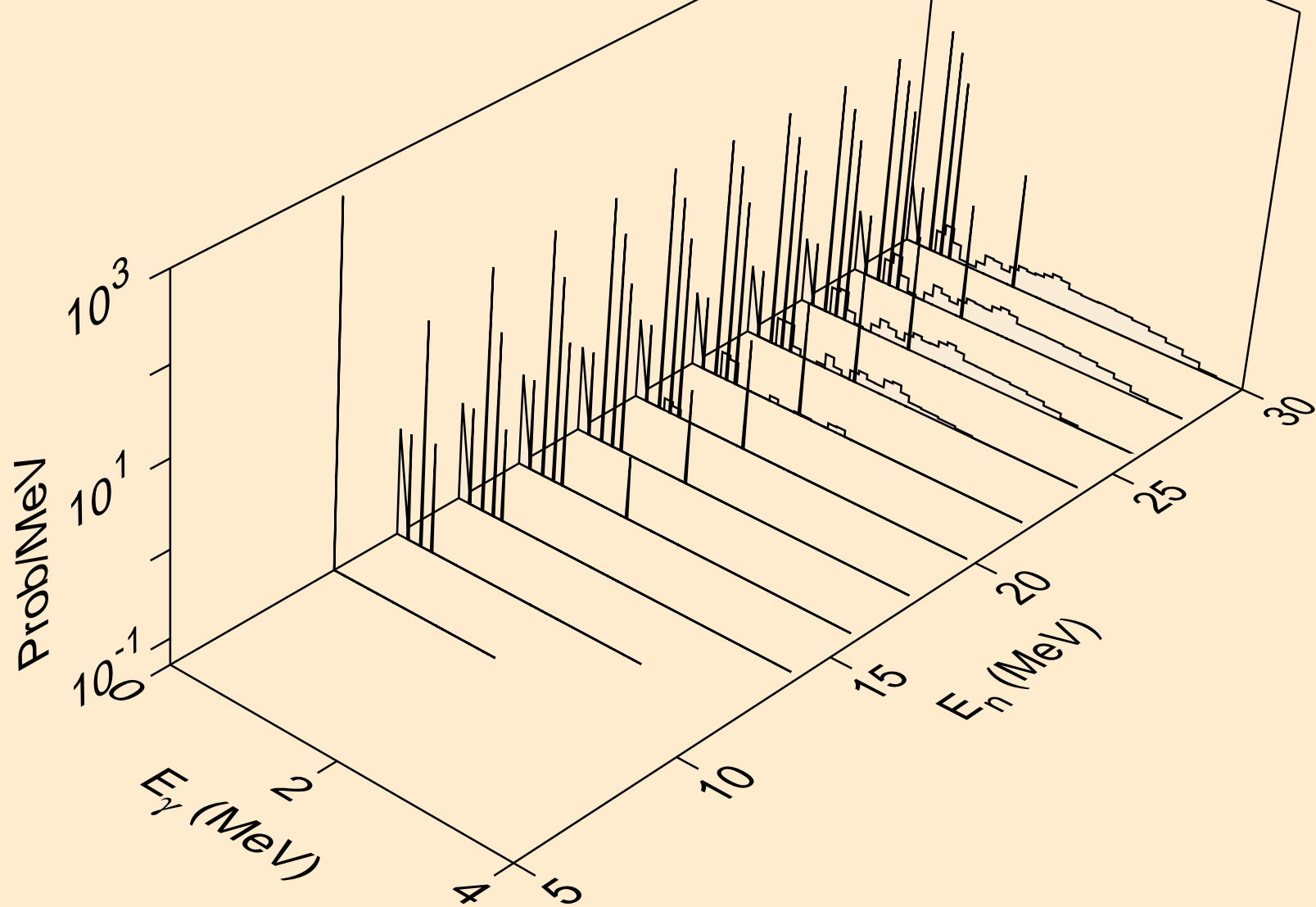




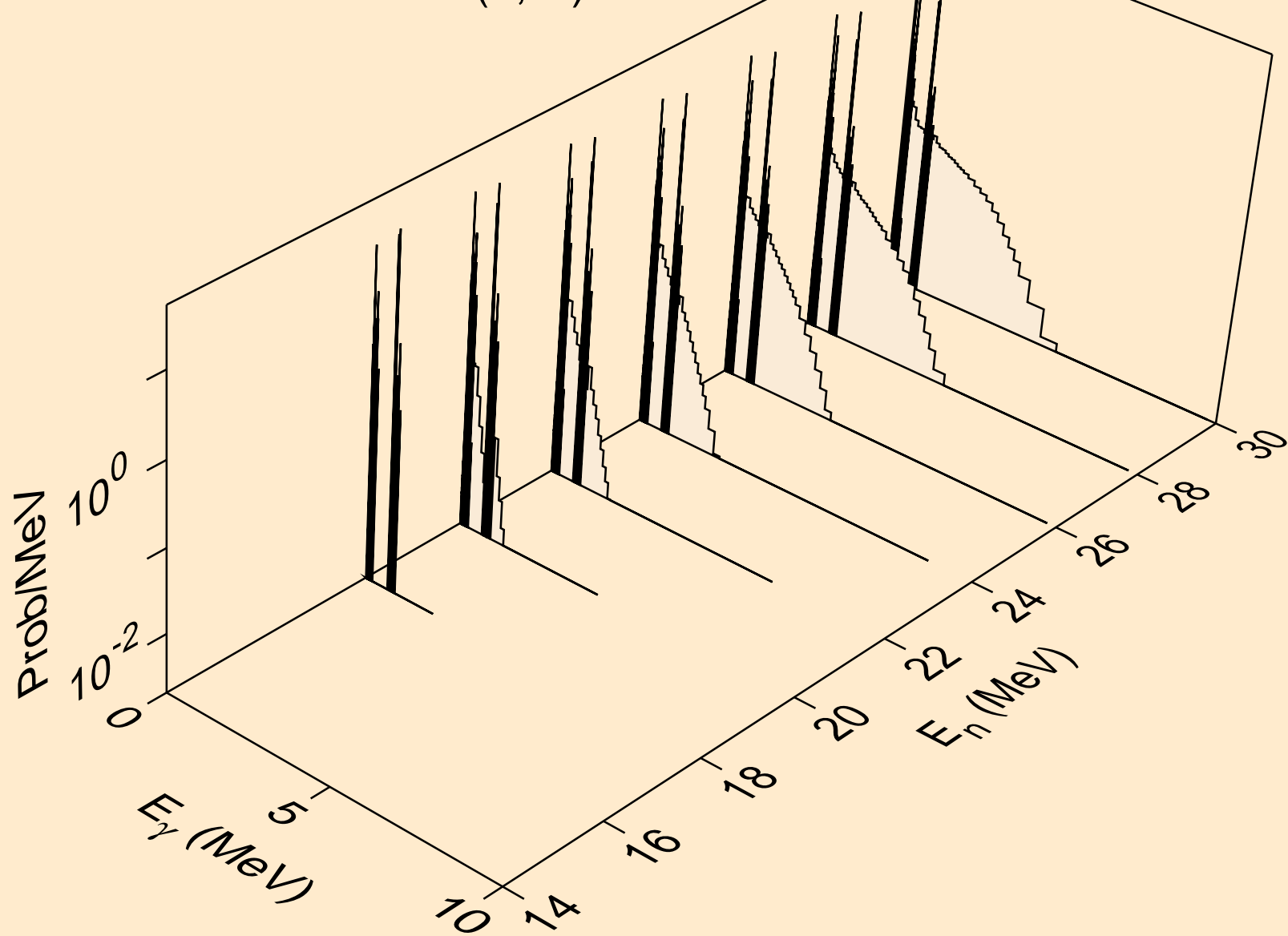
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



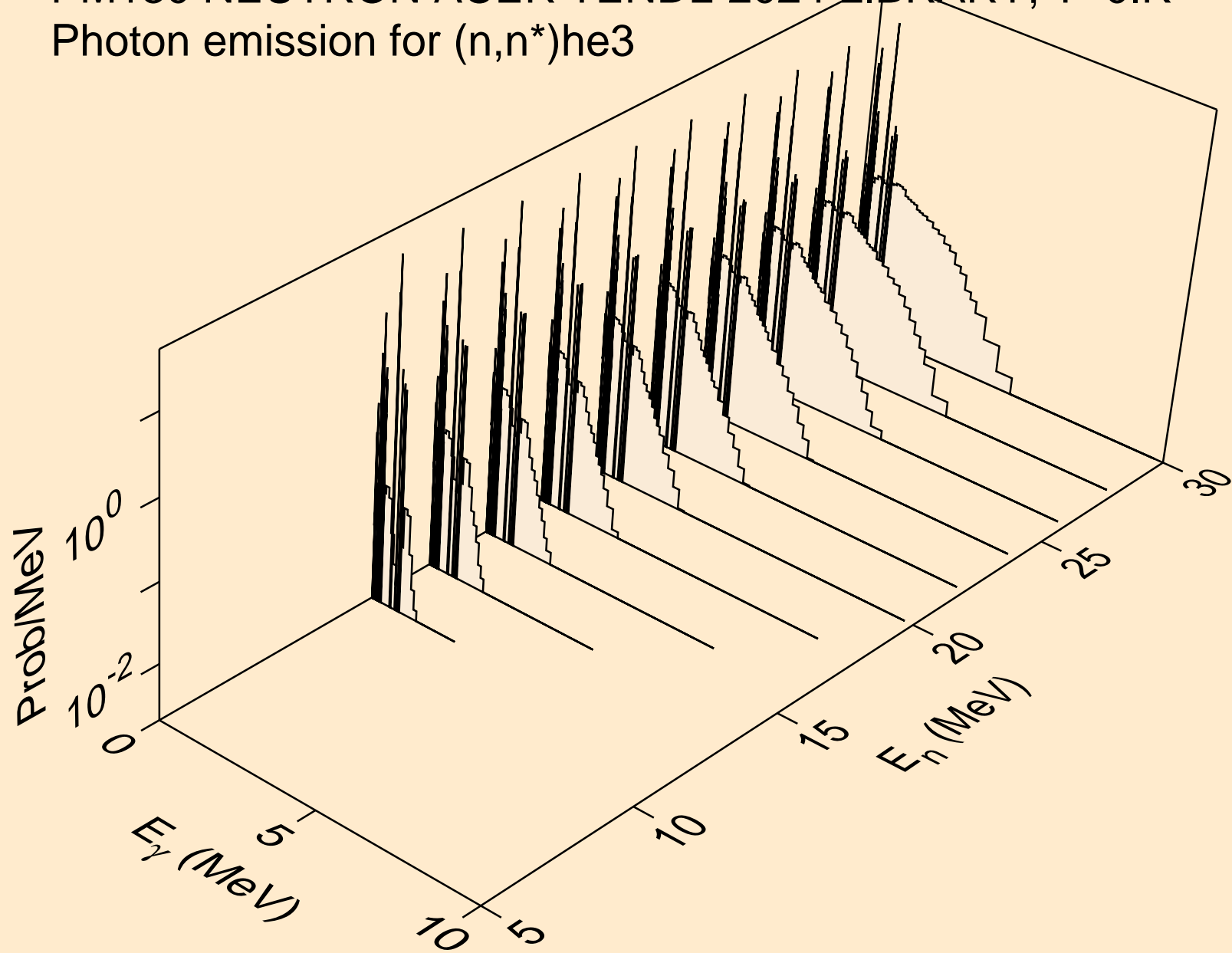
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



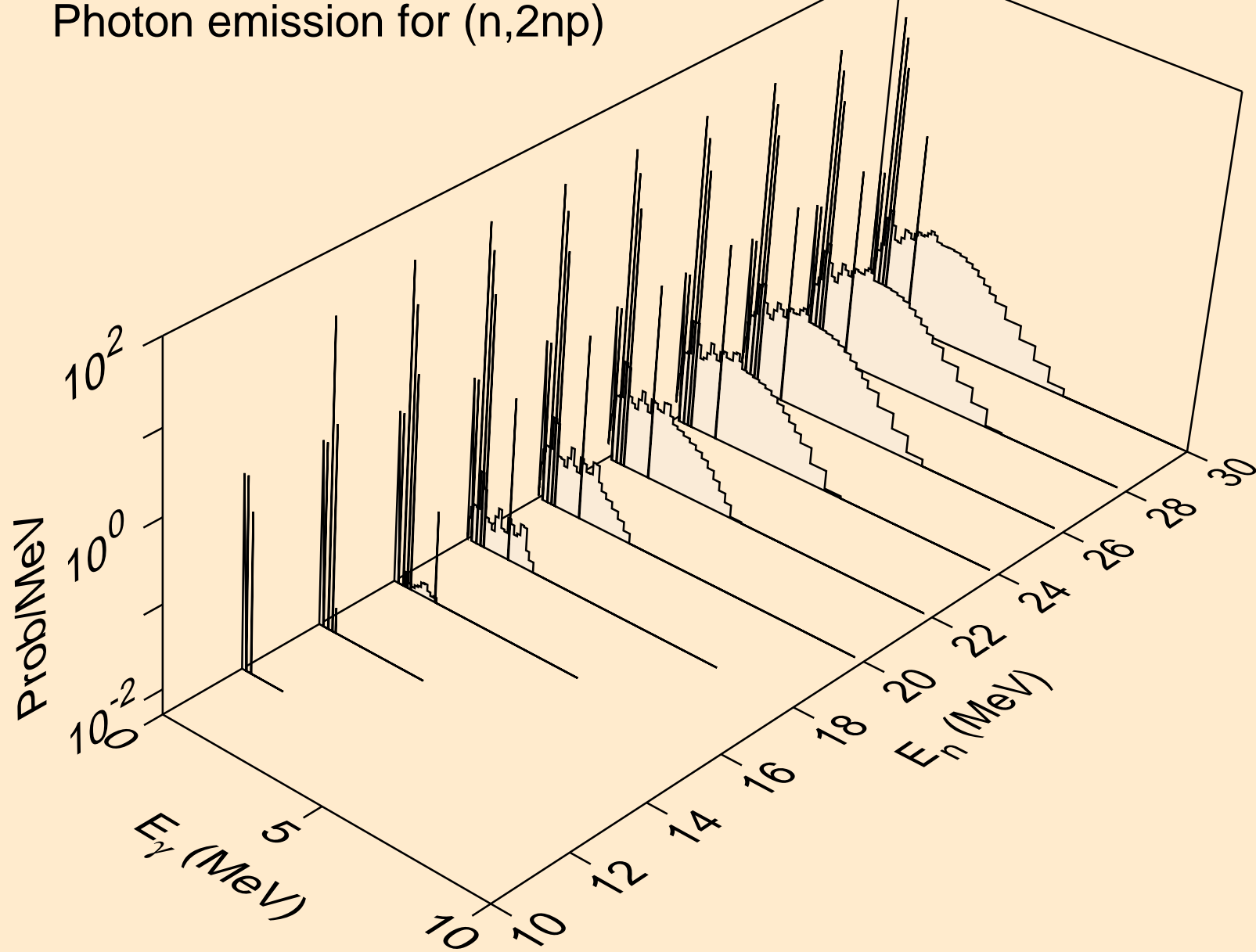
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



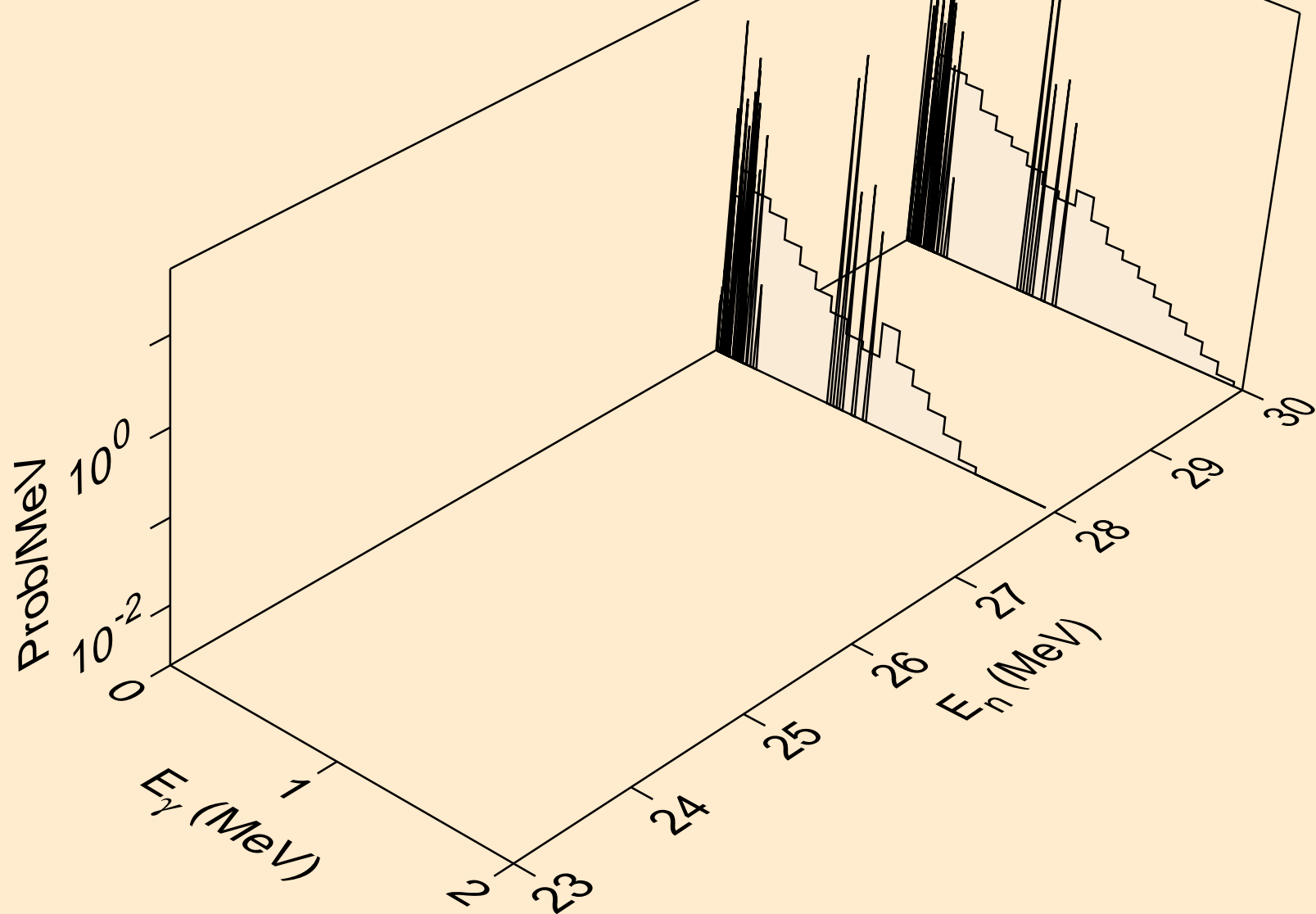
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



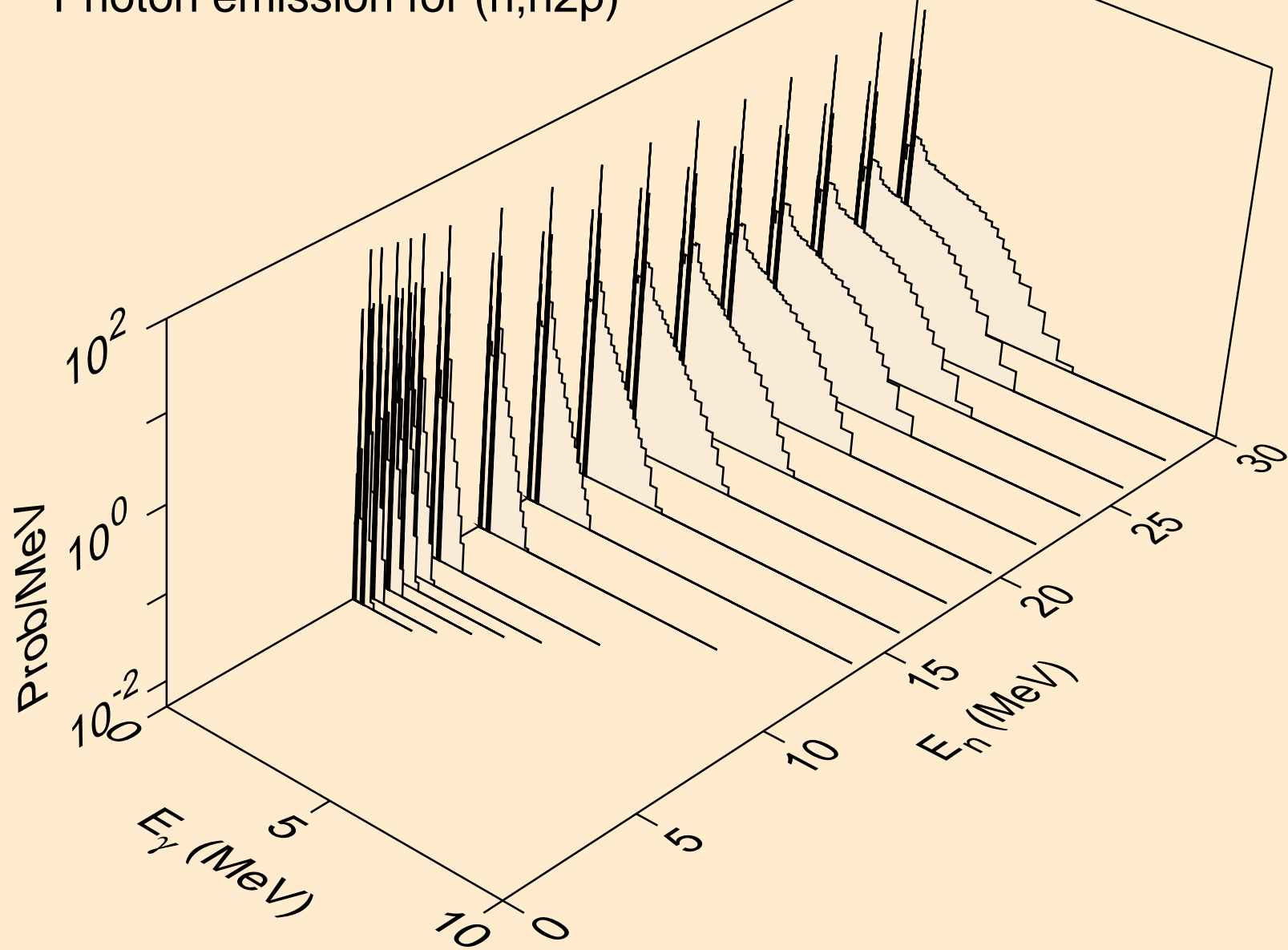
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



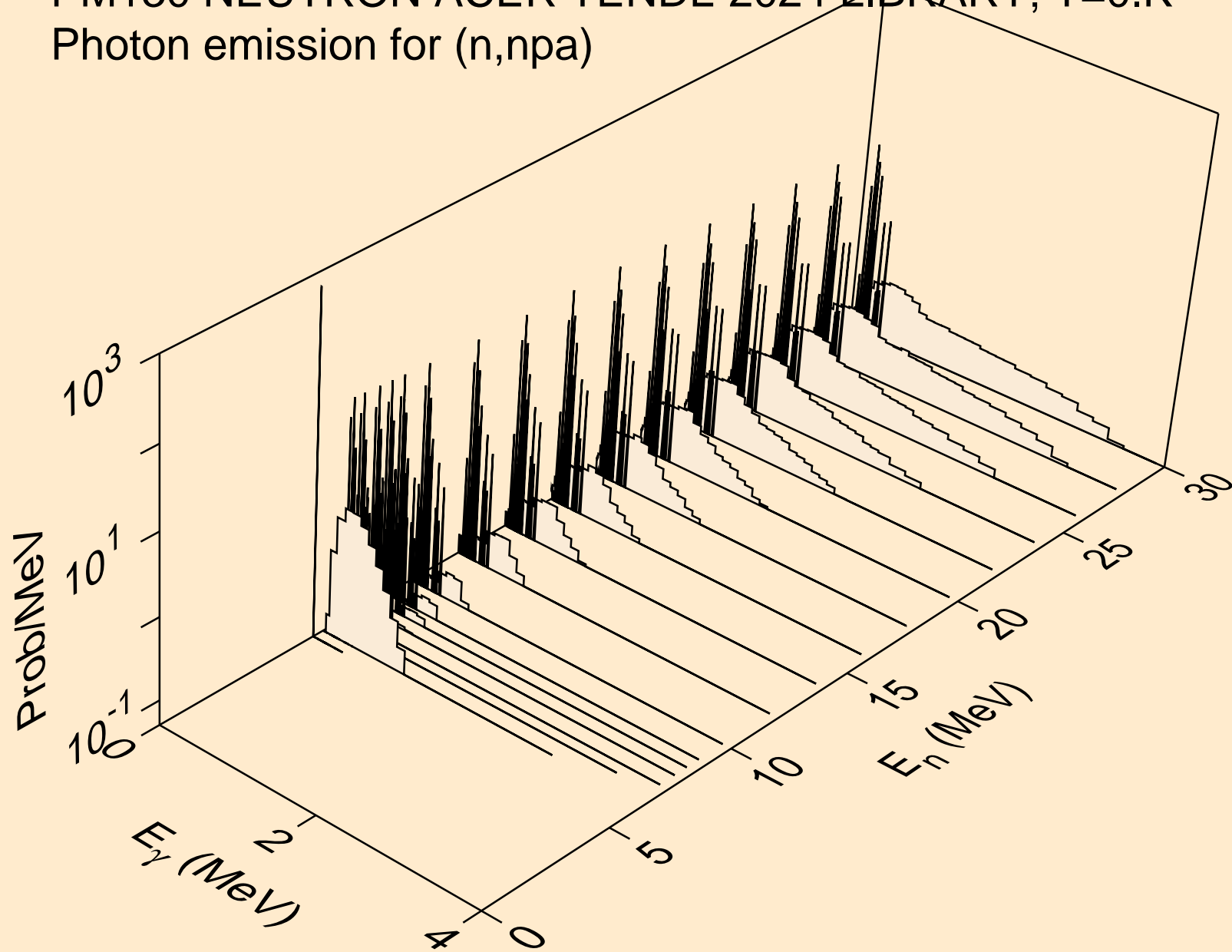
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

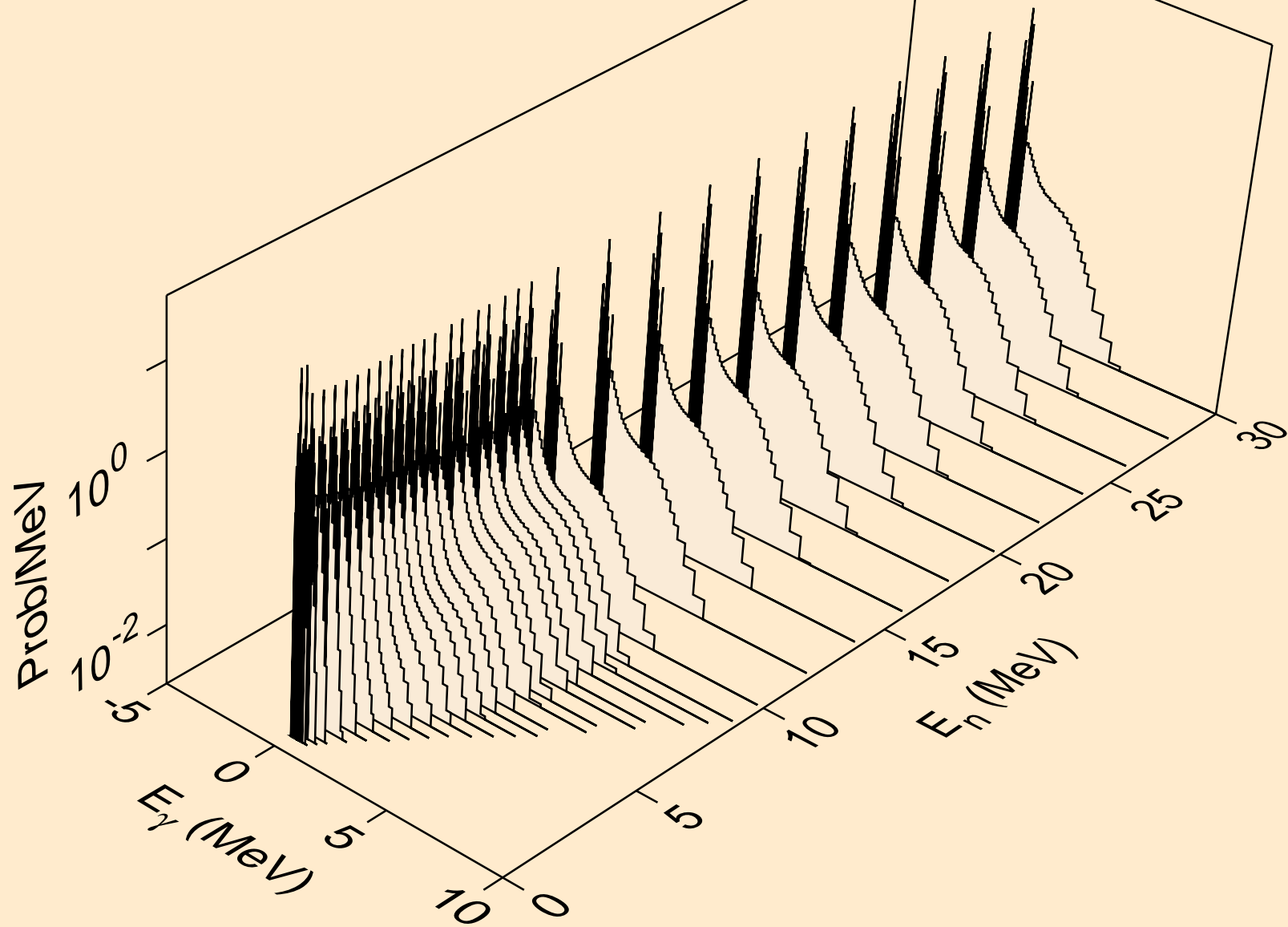


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

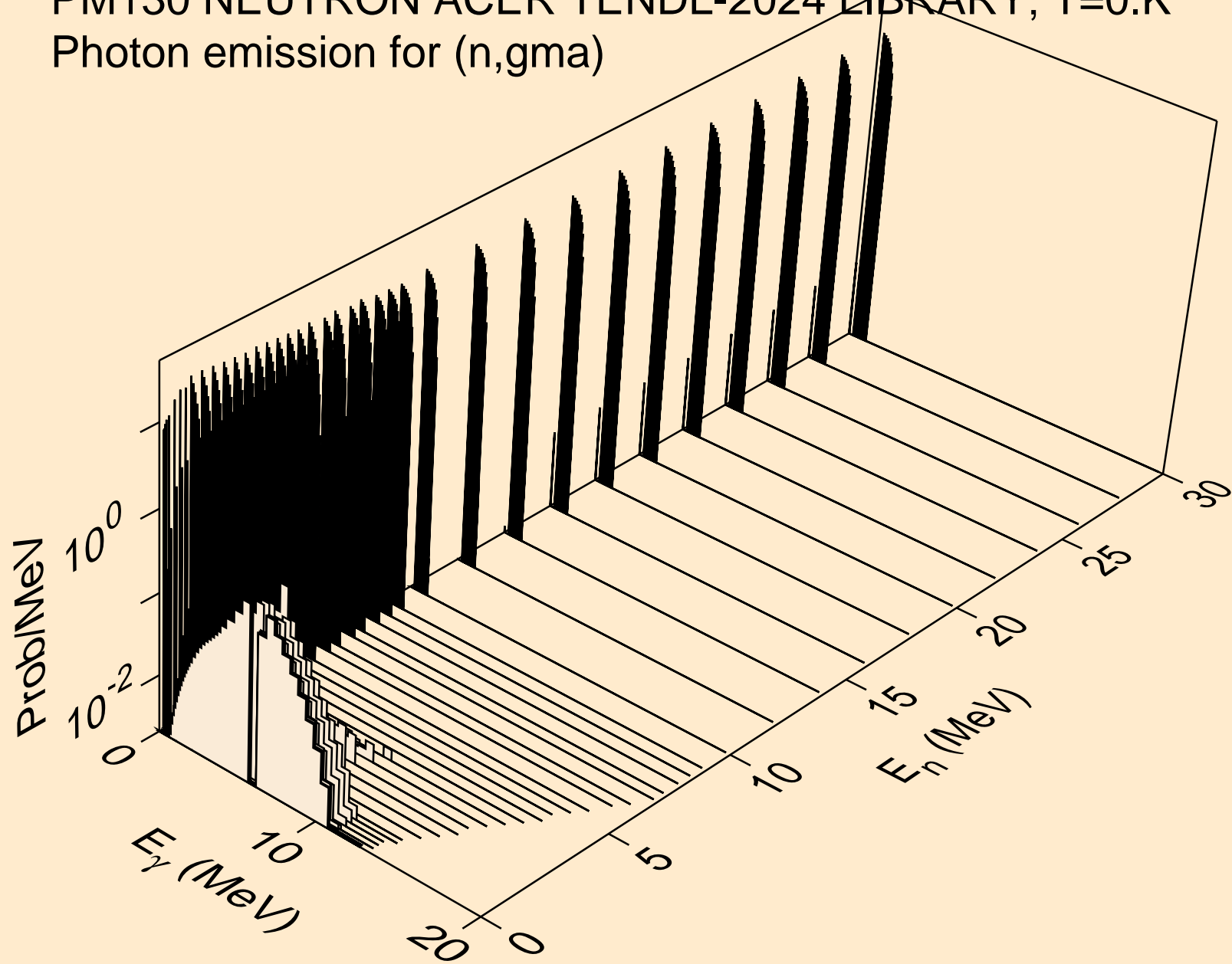




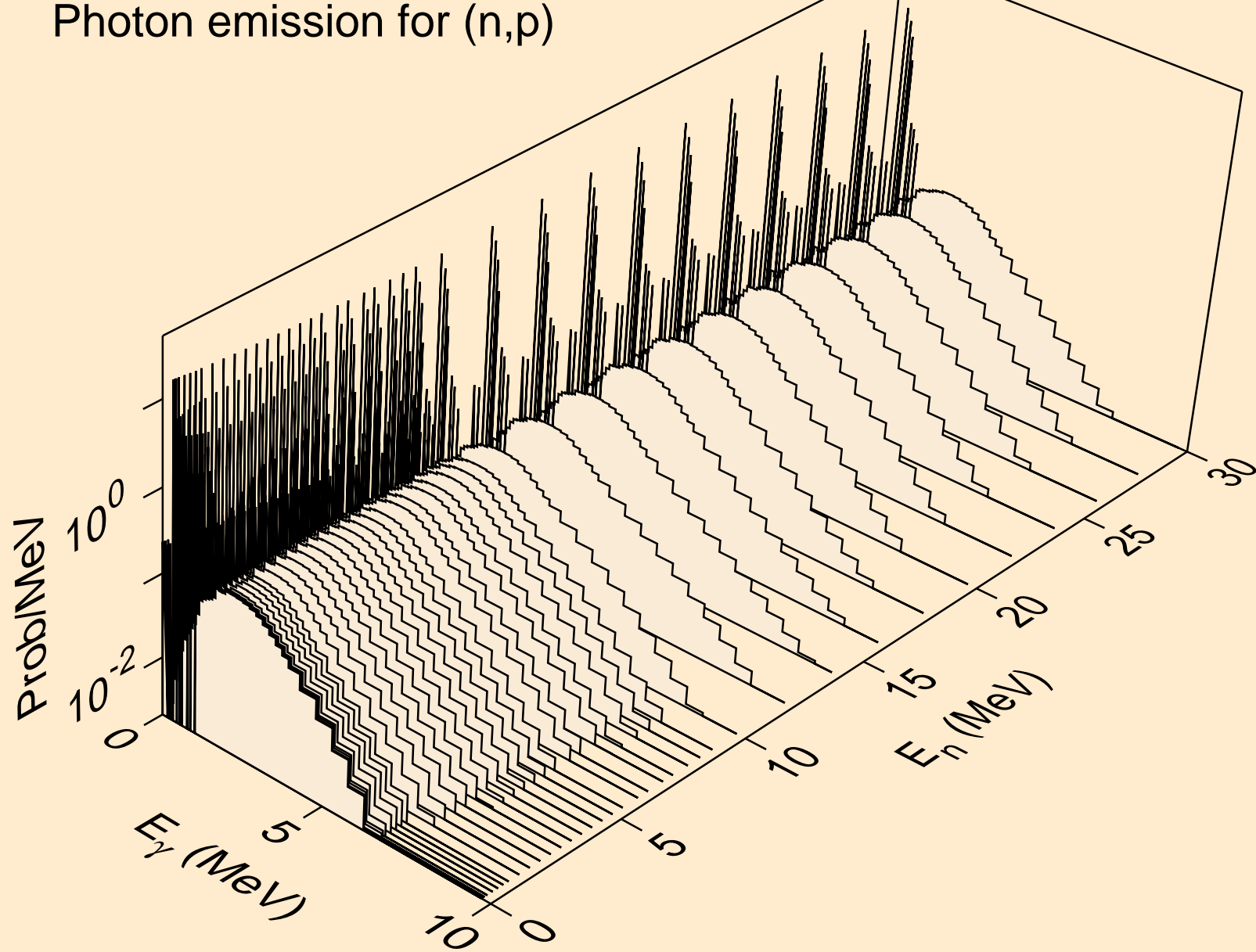
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



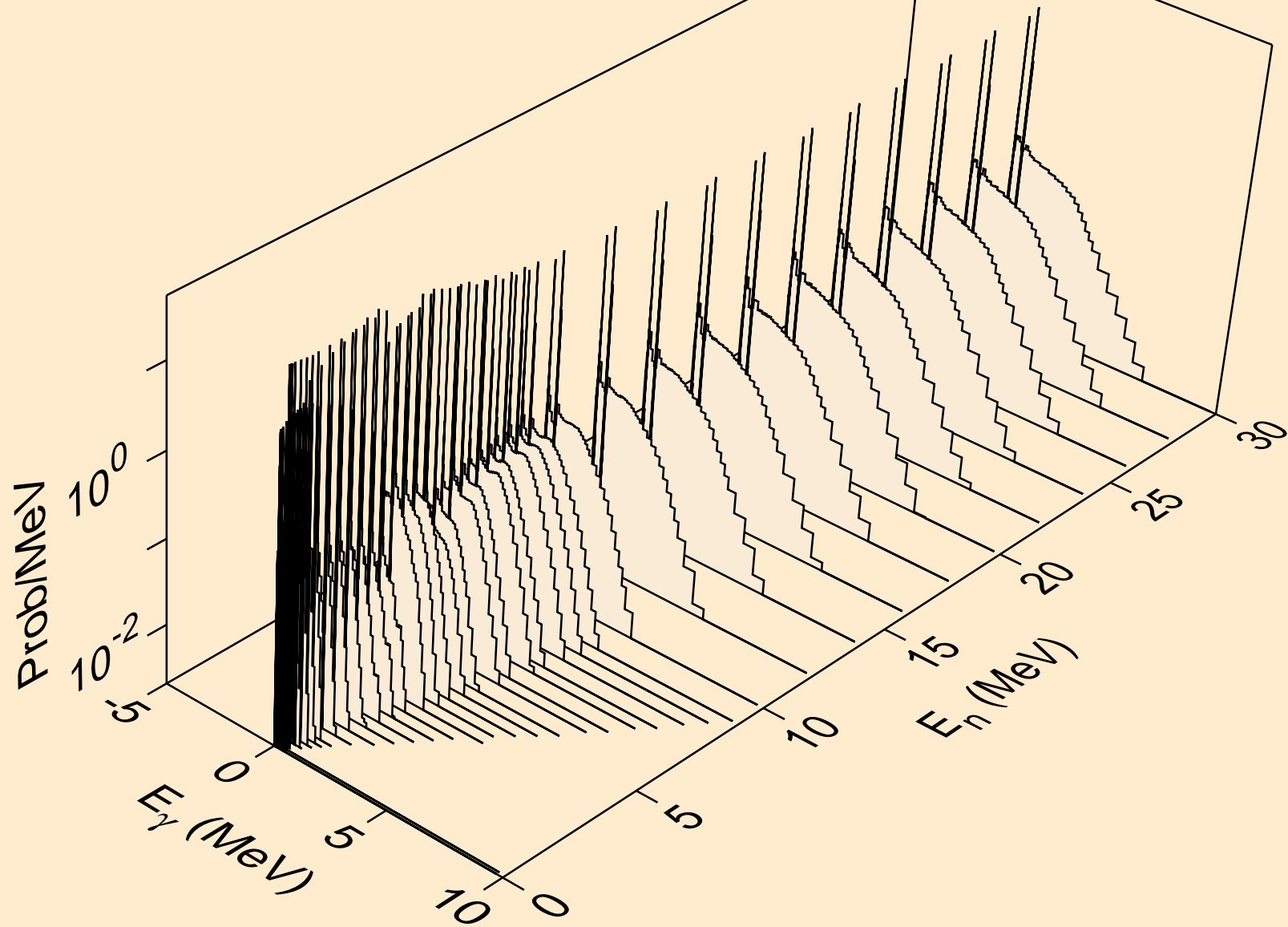
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



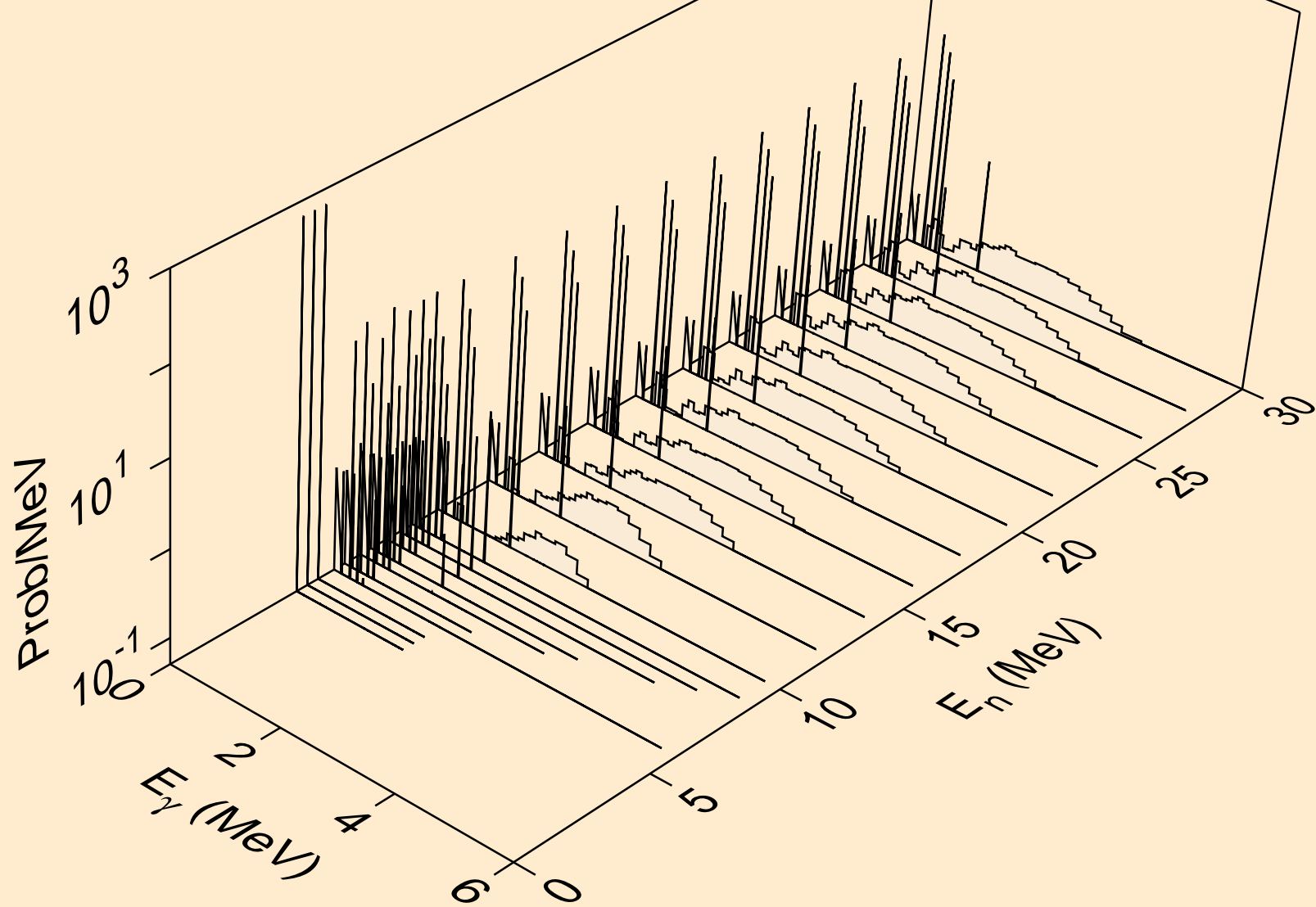
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



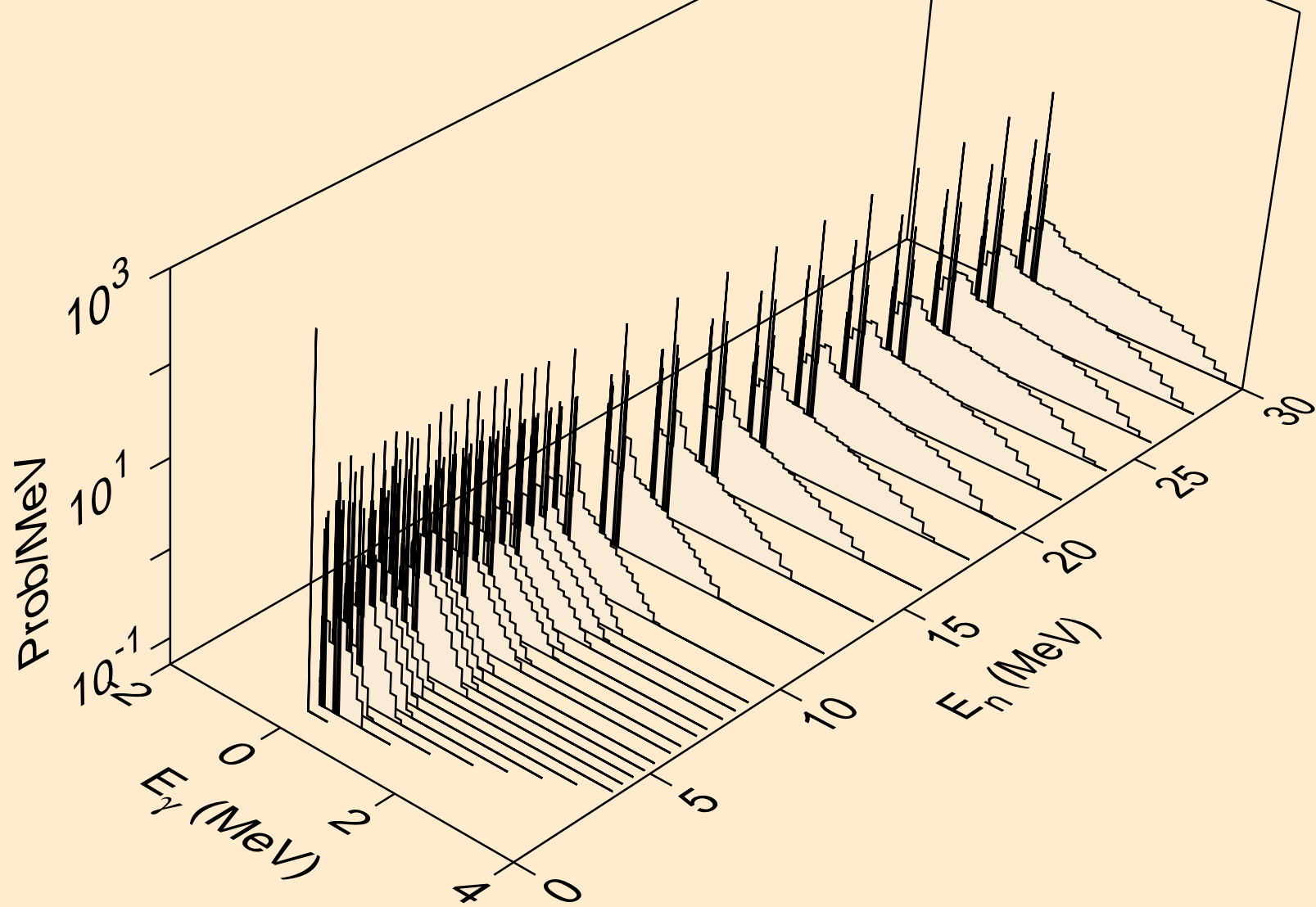
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



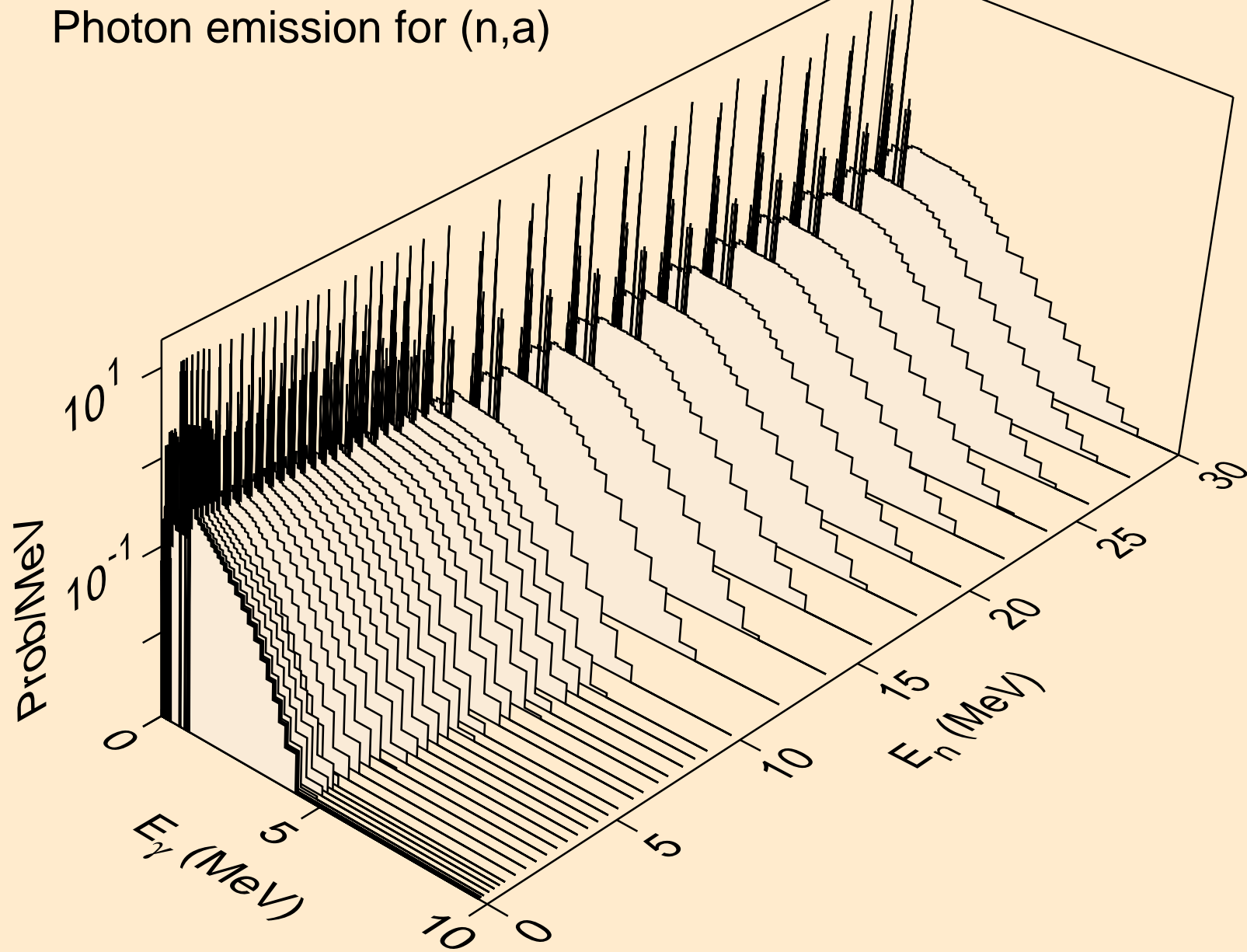
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



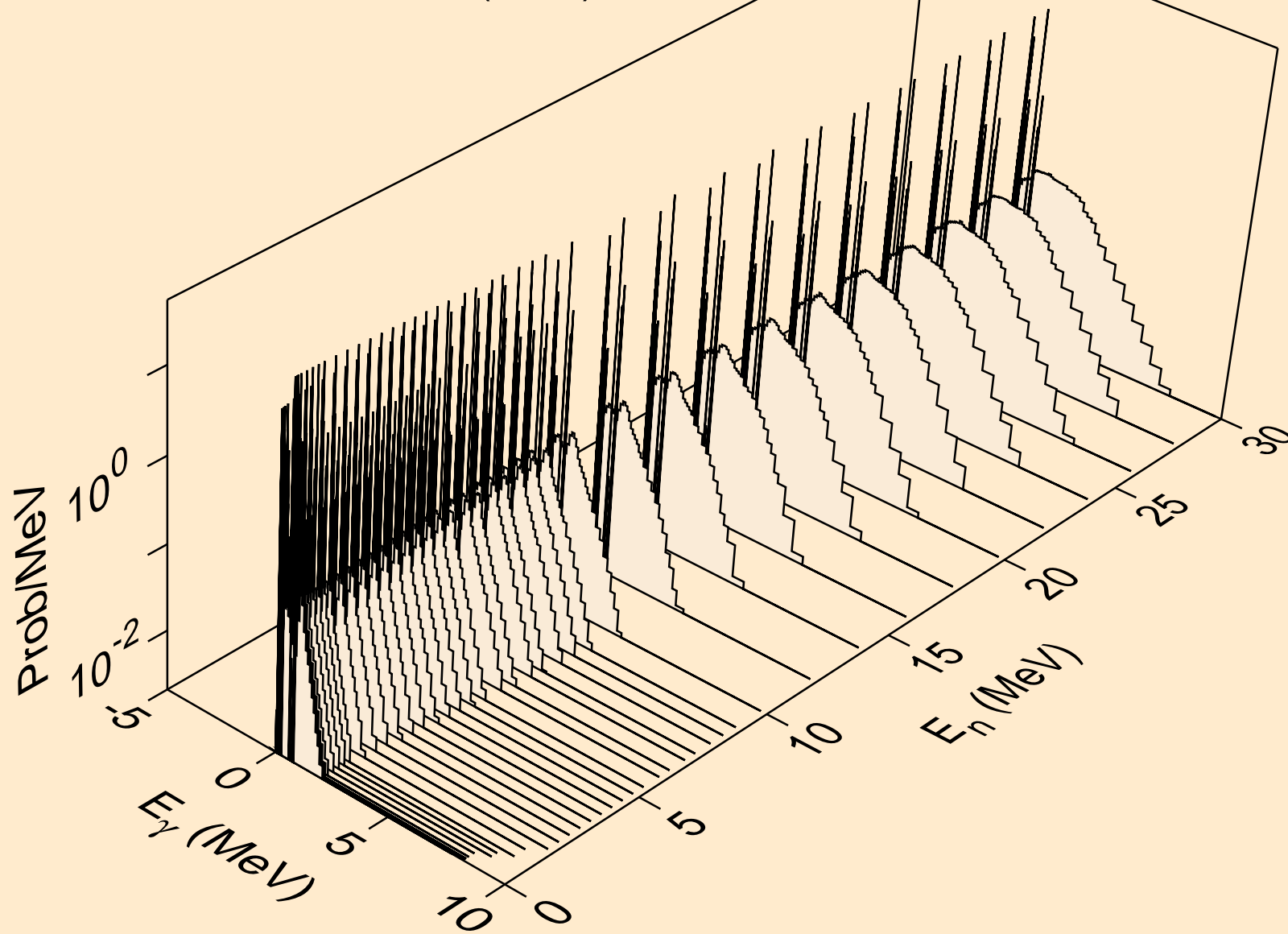
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

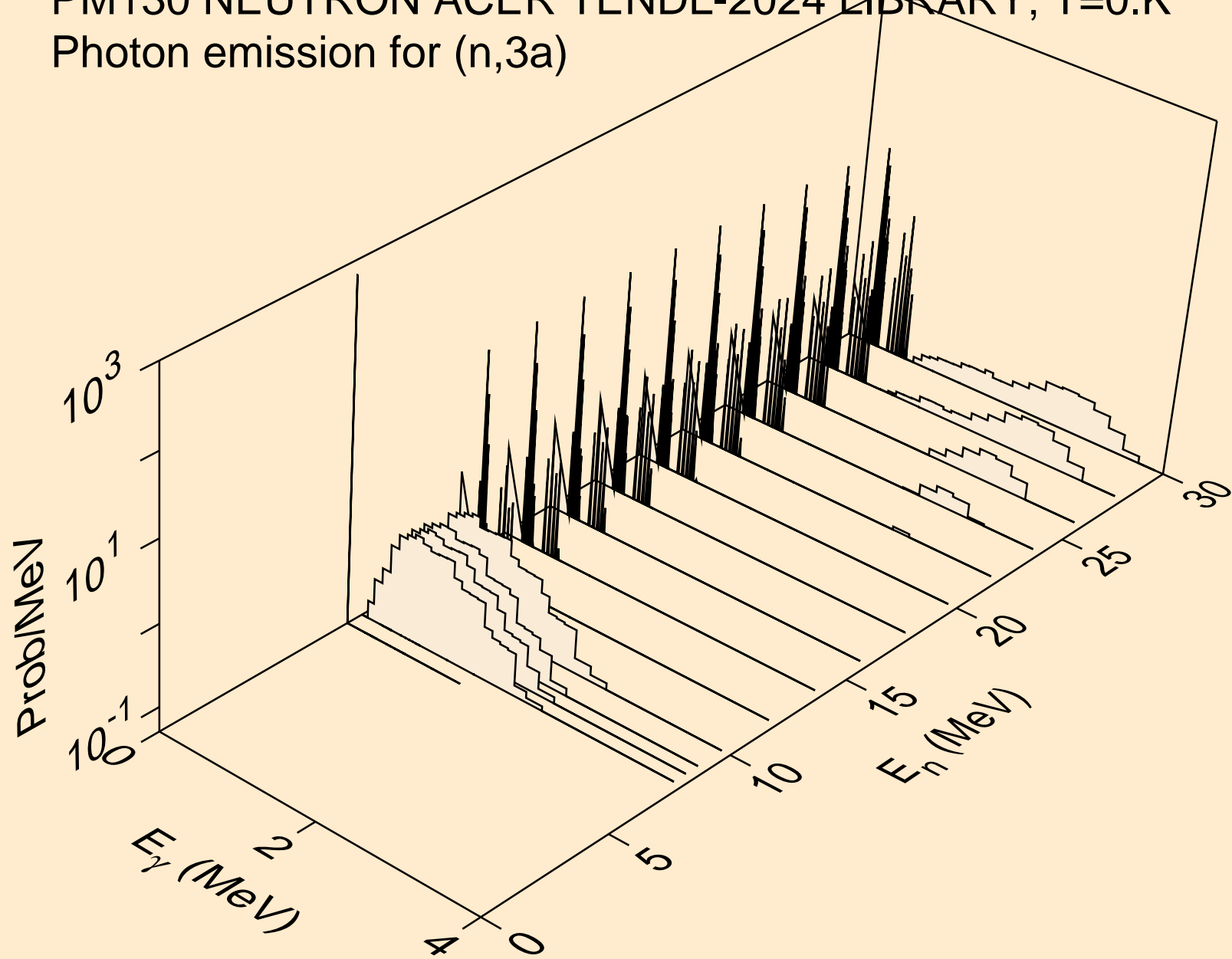


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

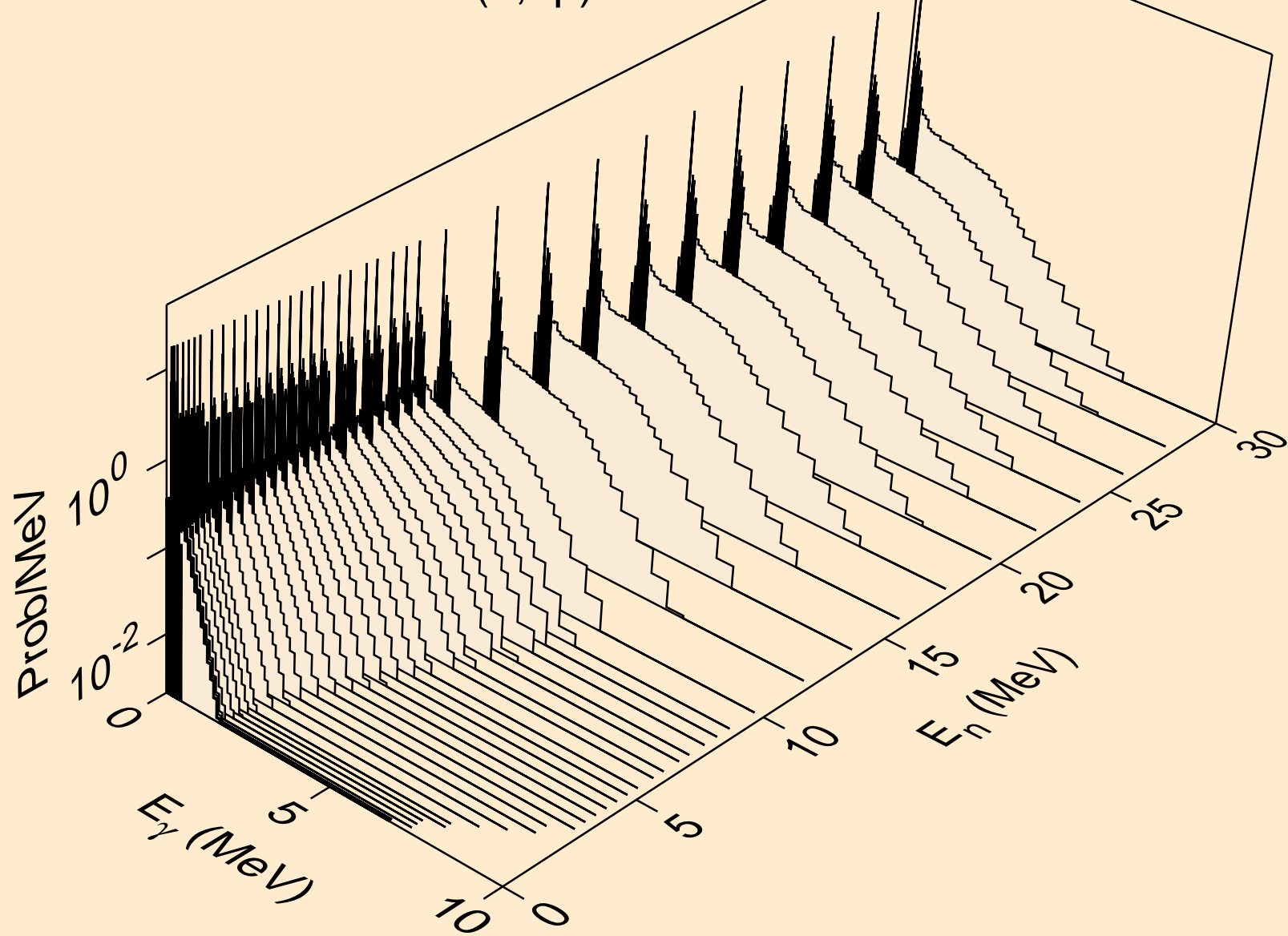




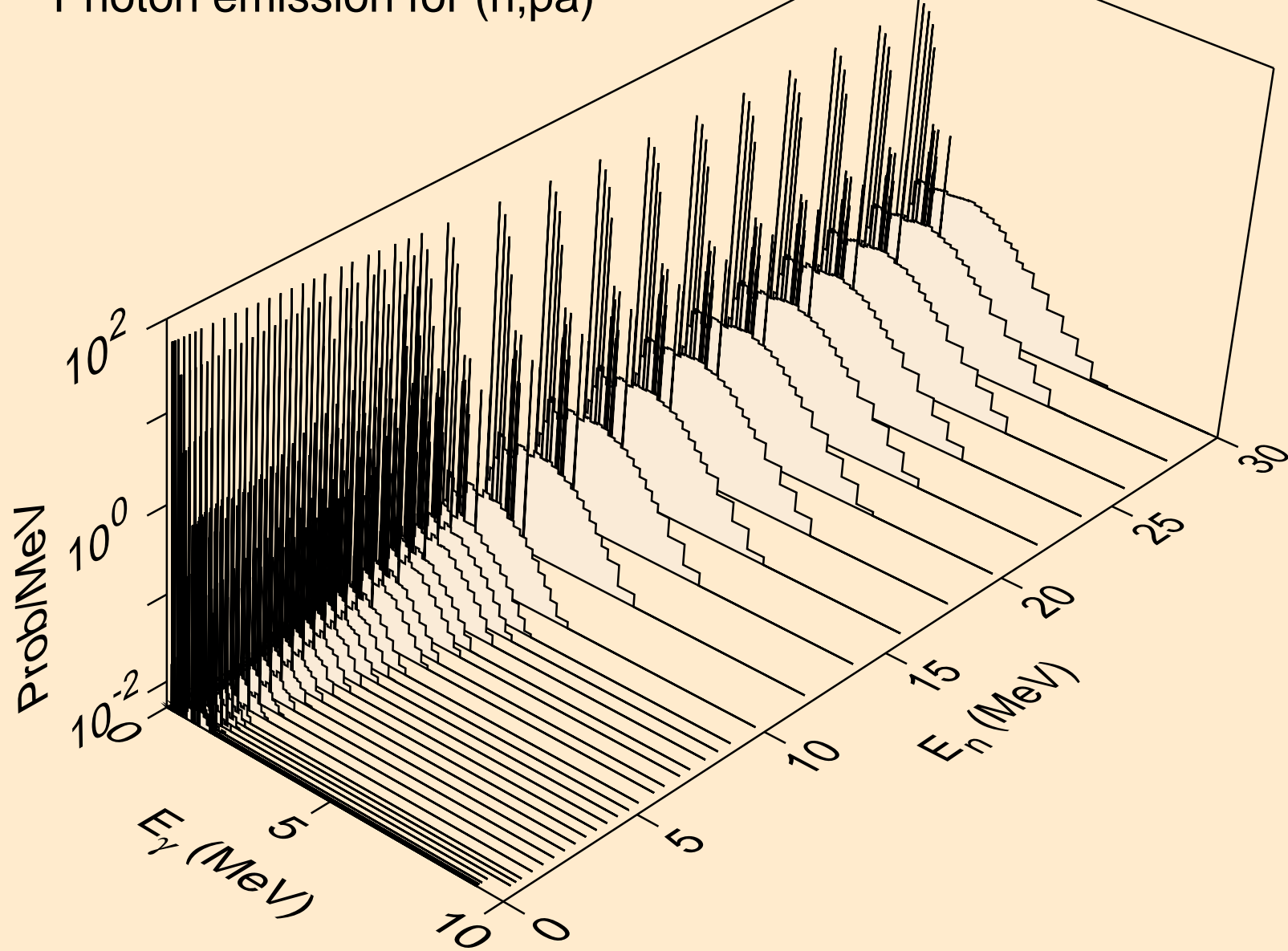
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



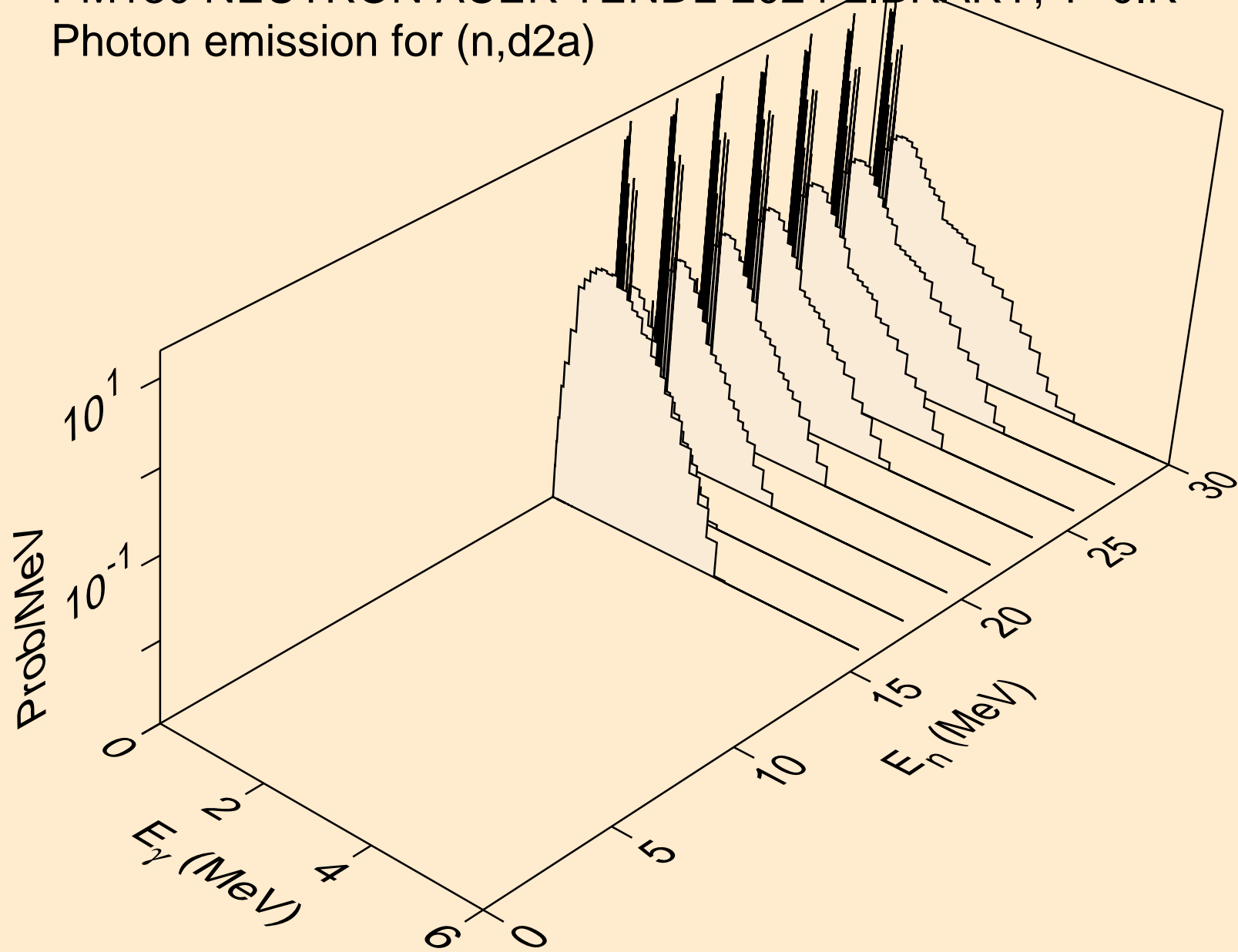
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



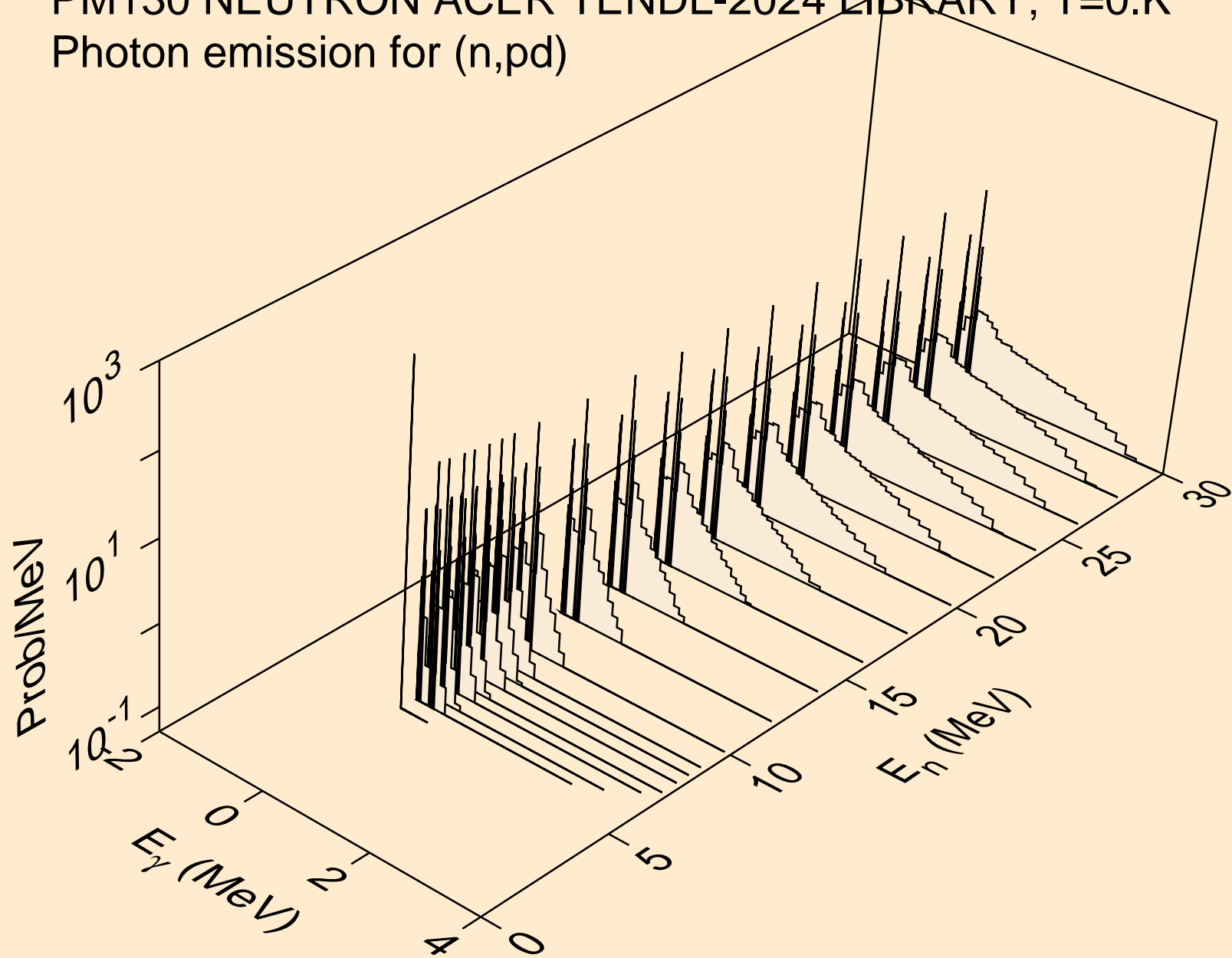
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



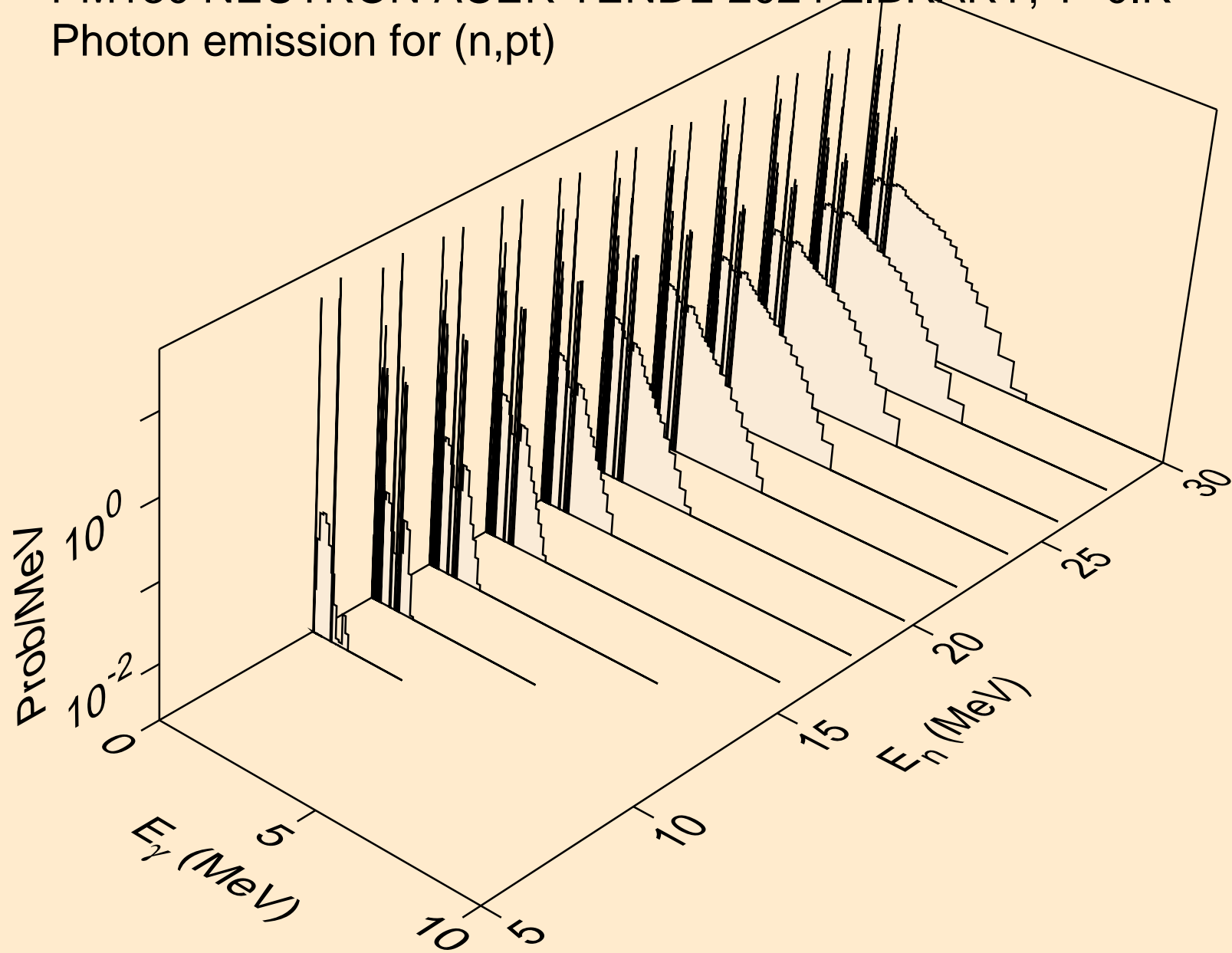
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



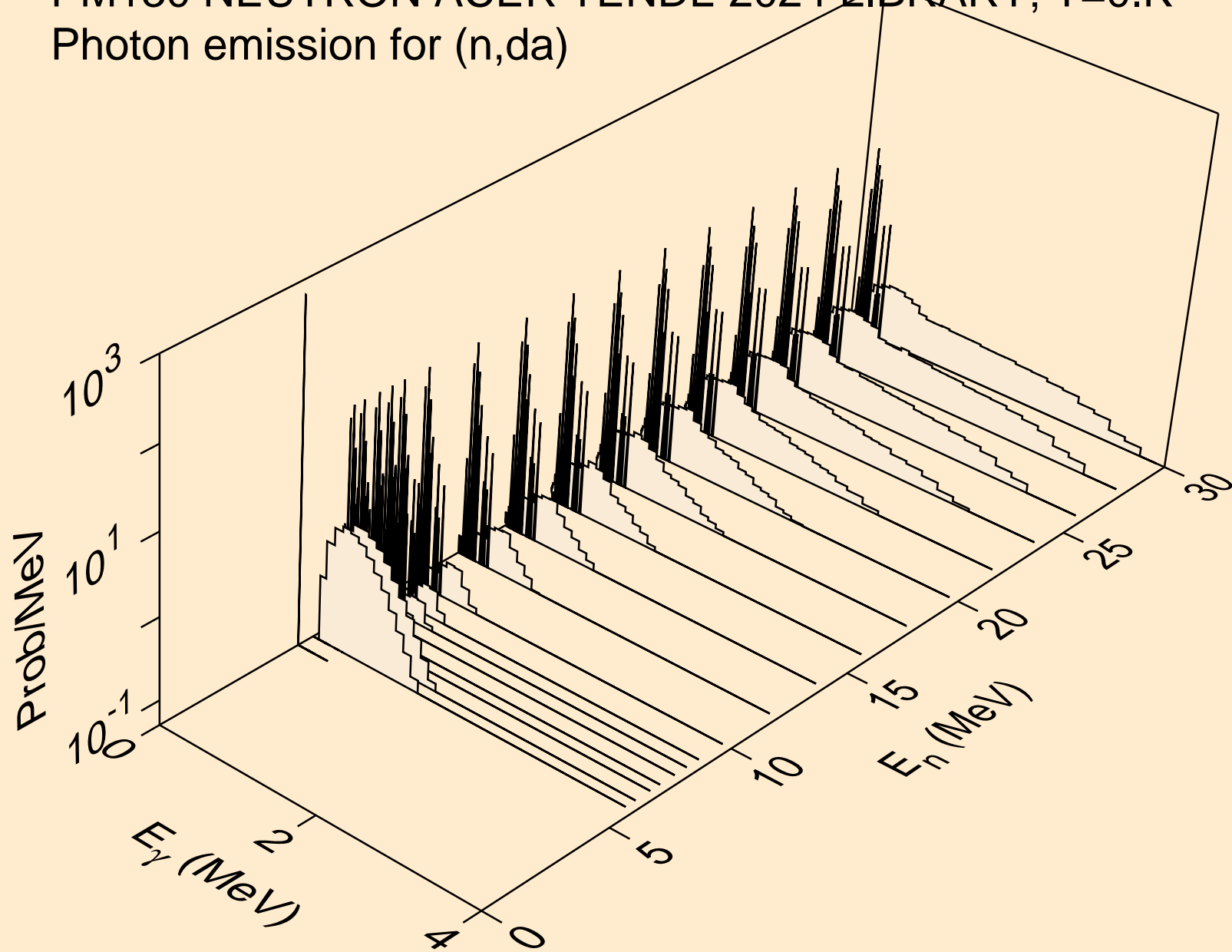
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



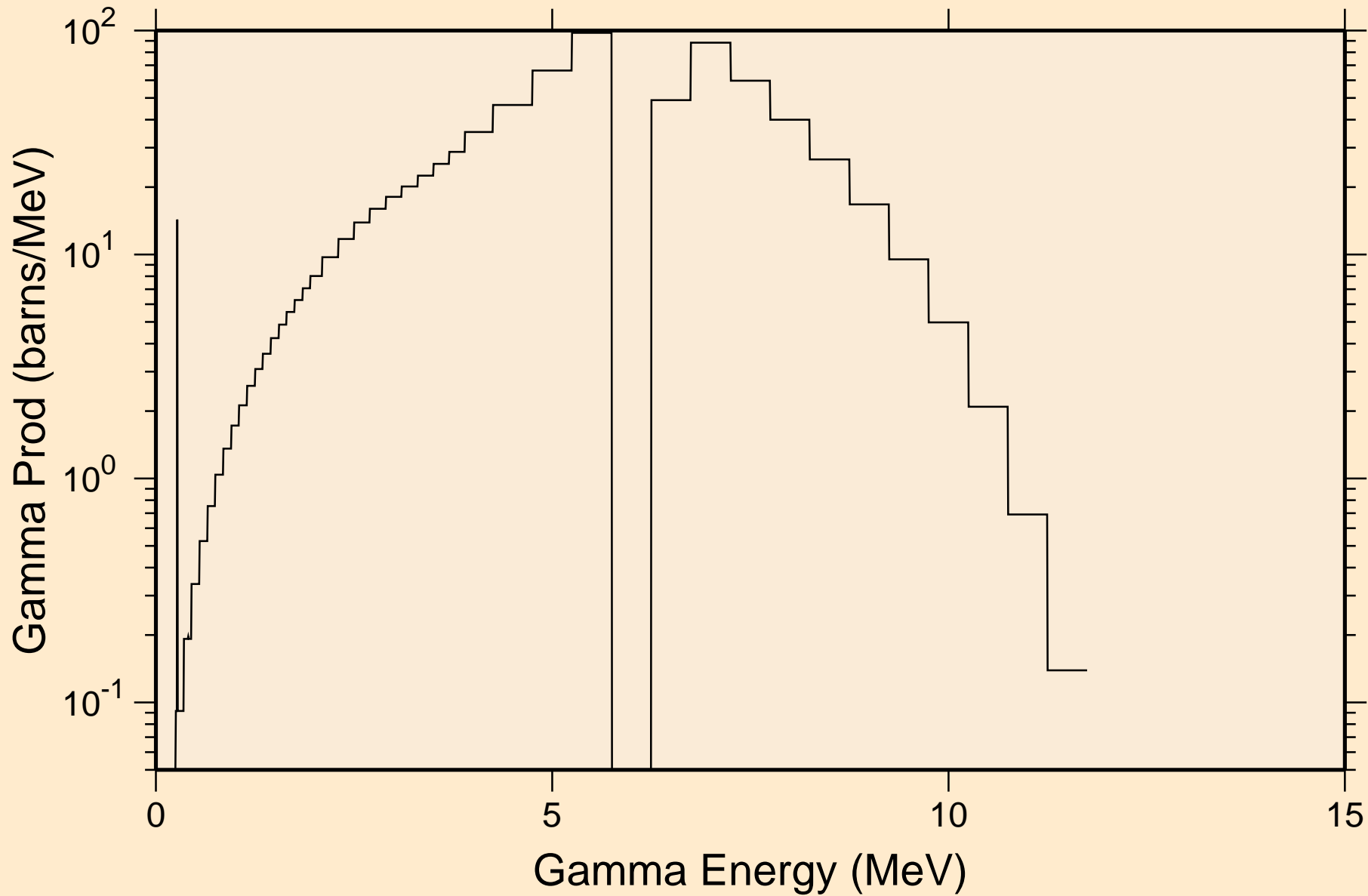
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

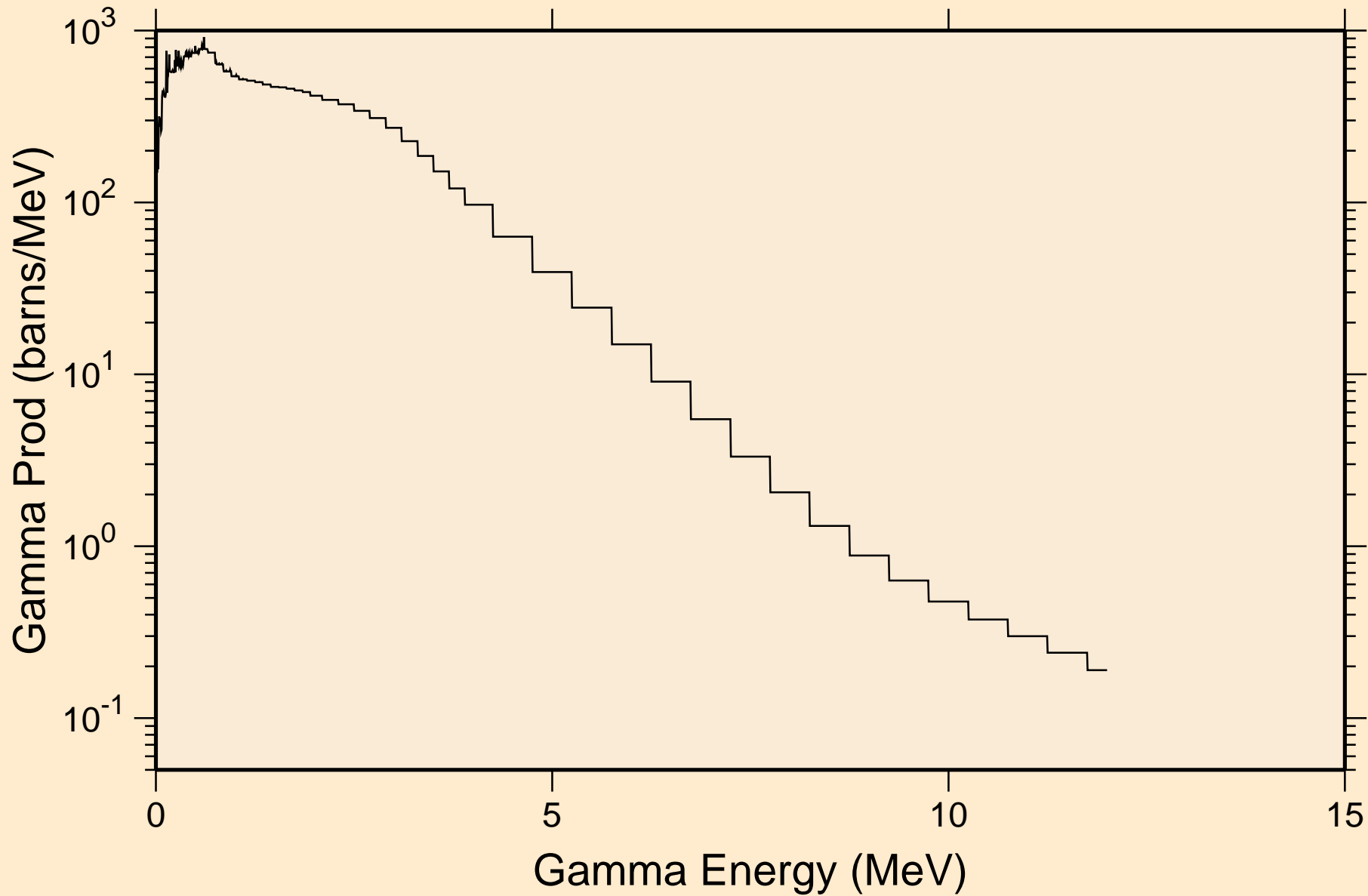


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



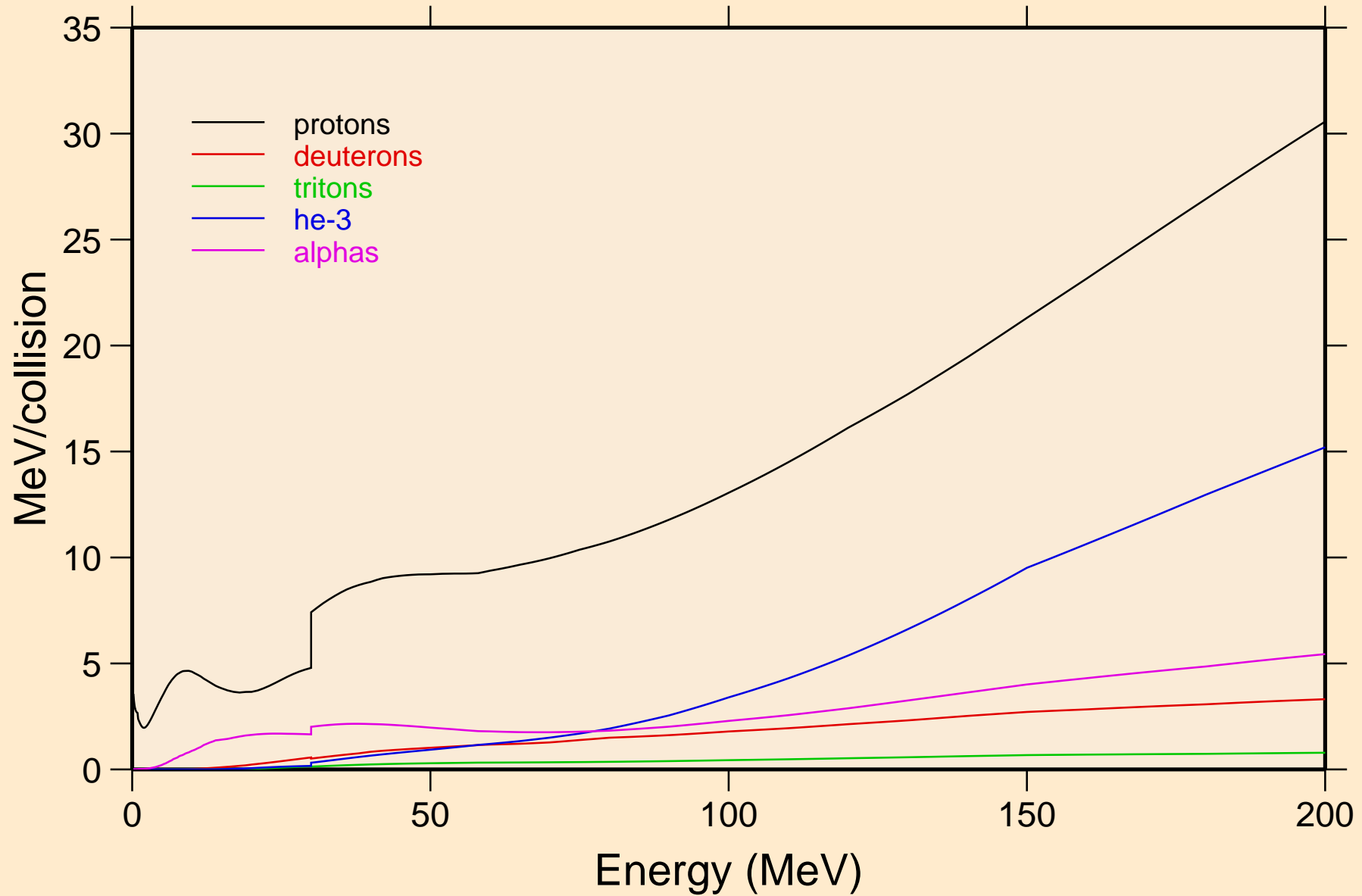


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

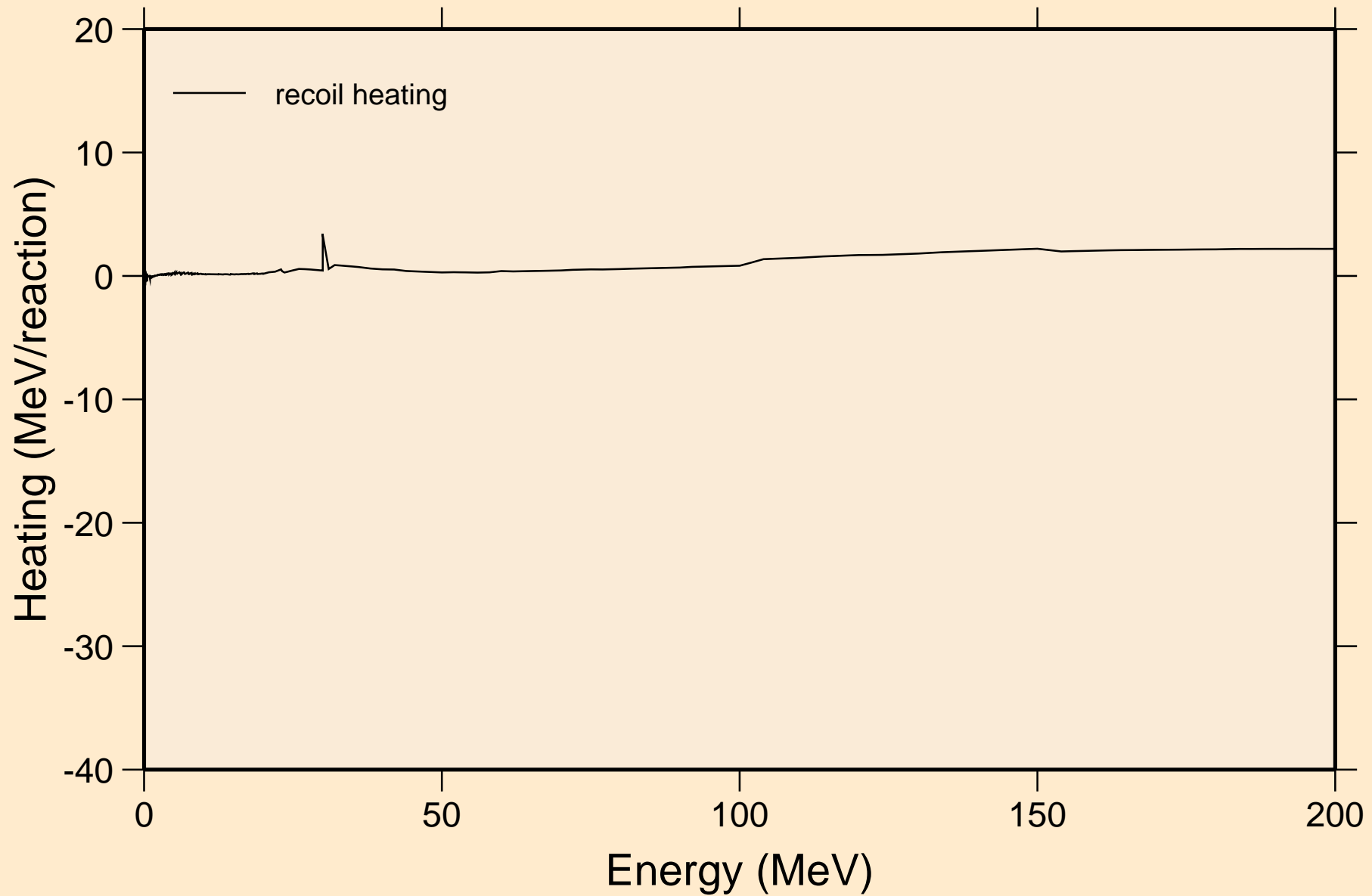


# PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

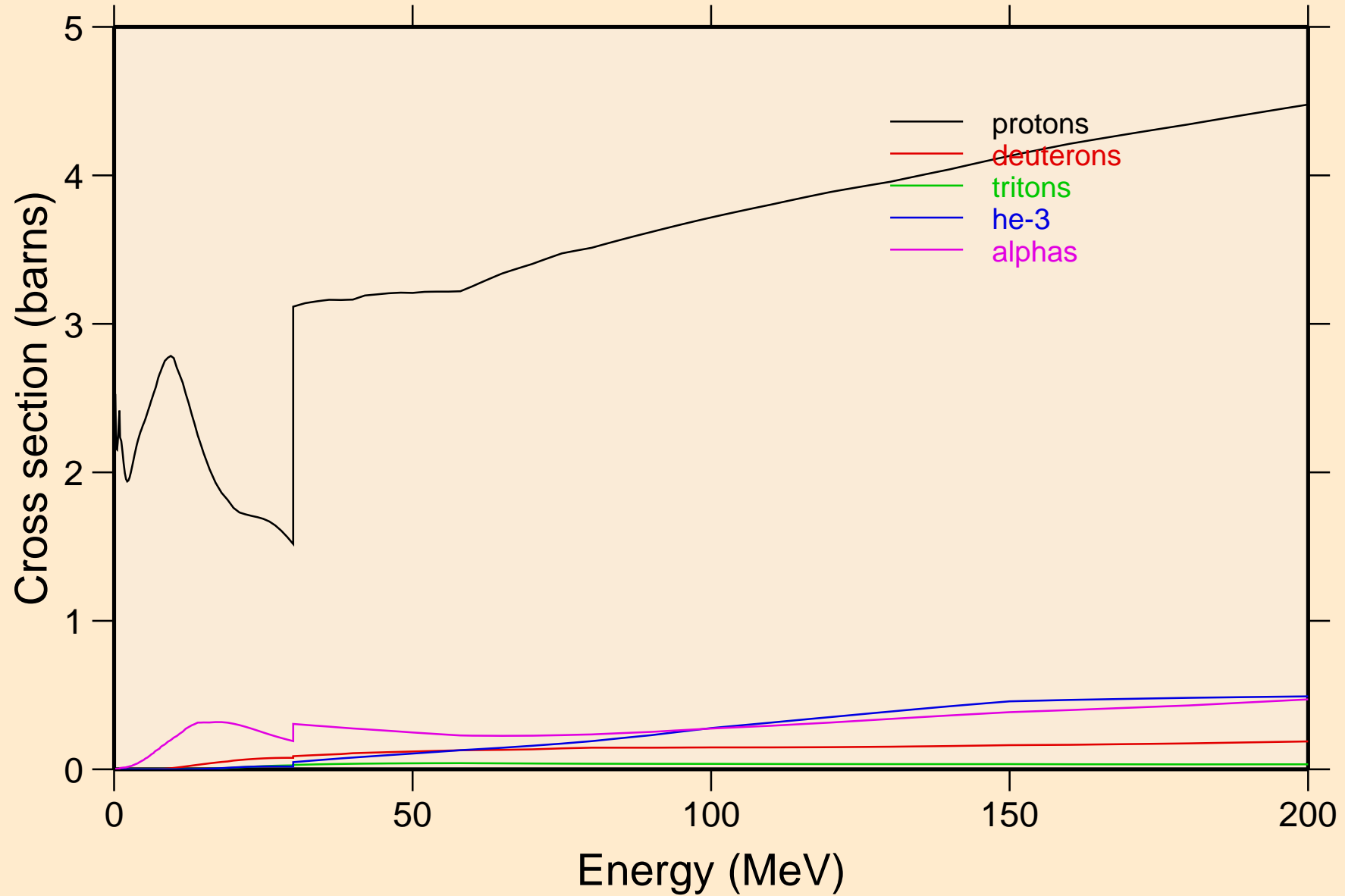


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

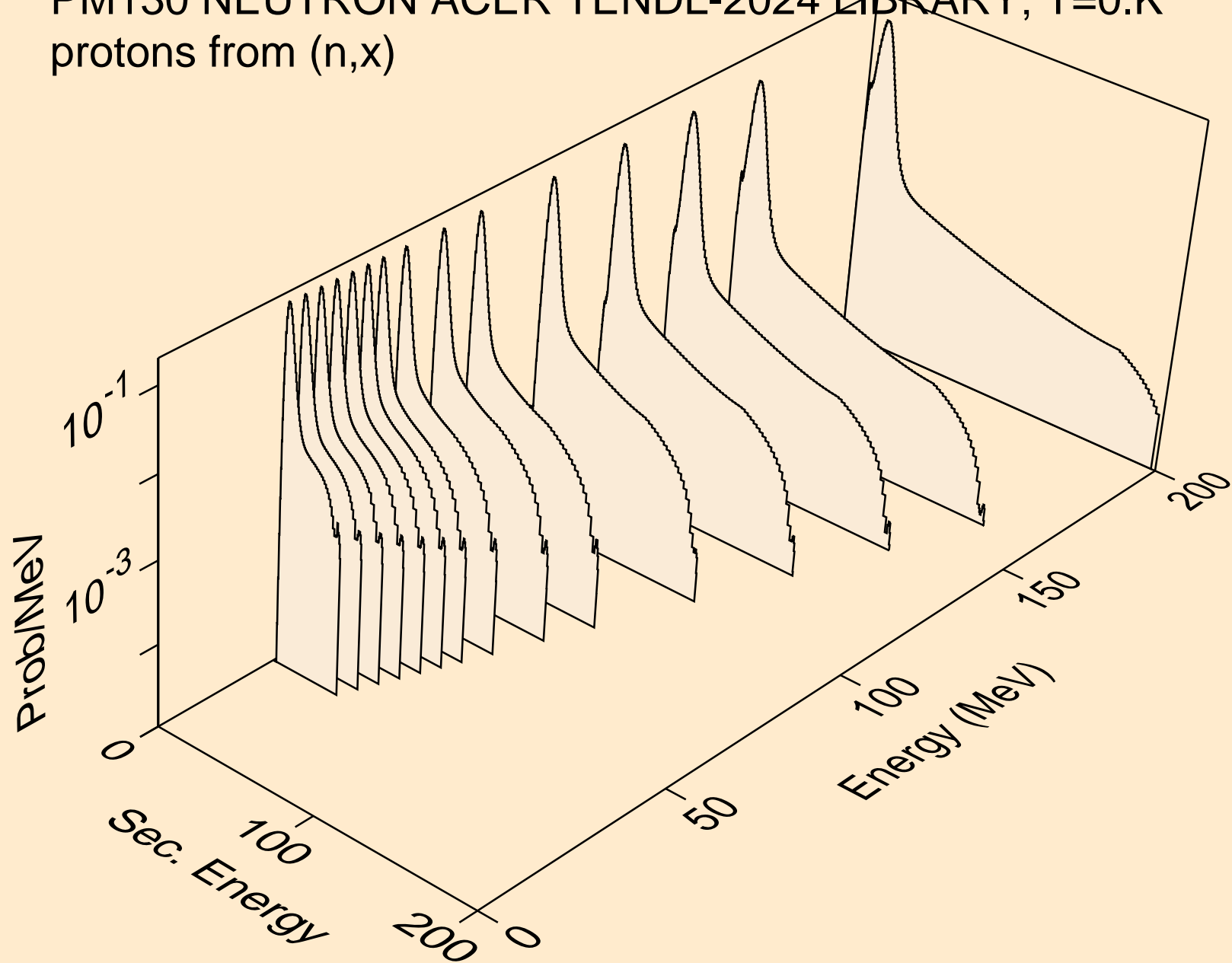


# PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

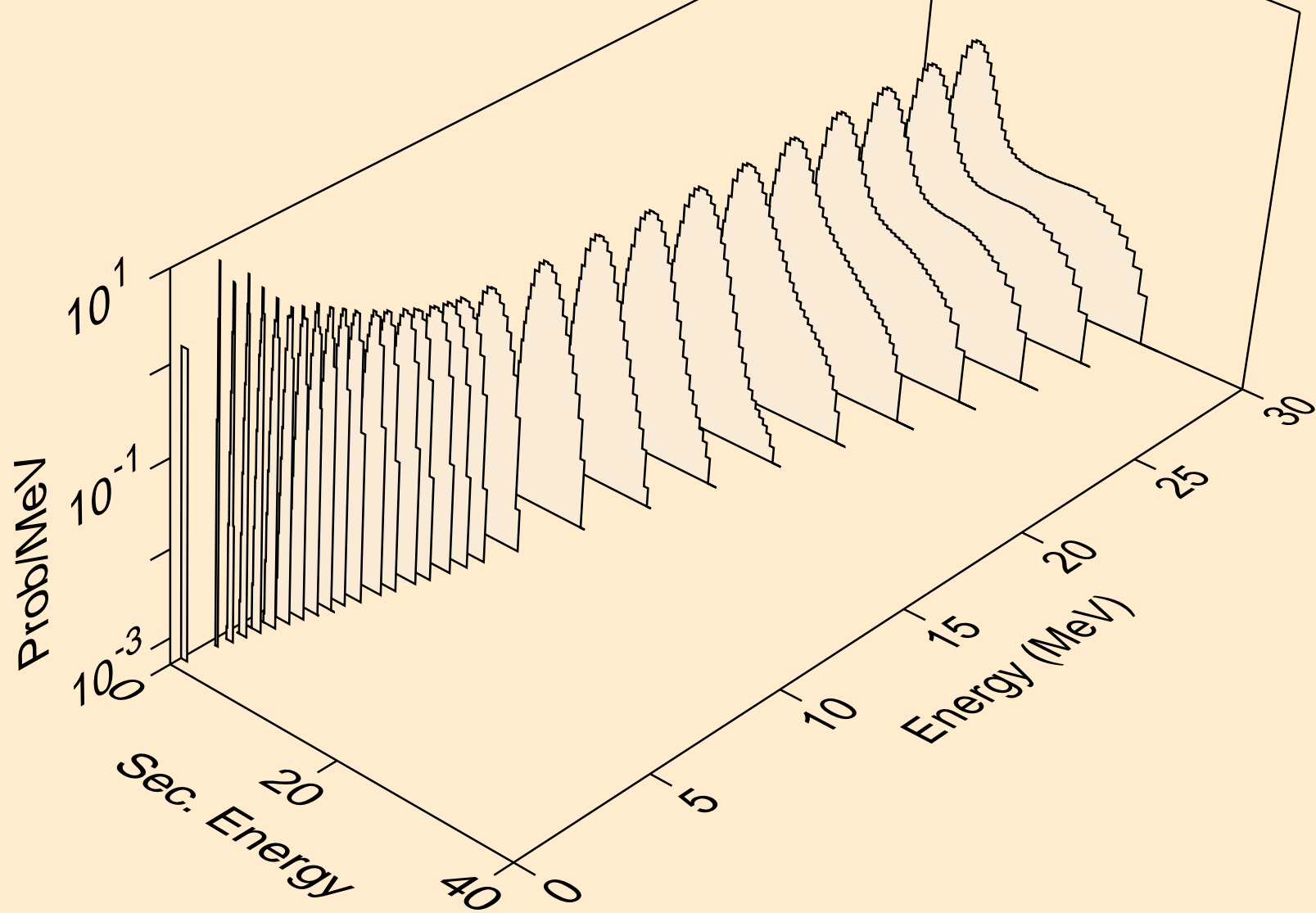
## Particle production cross sections



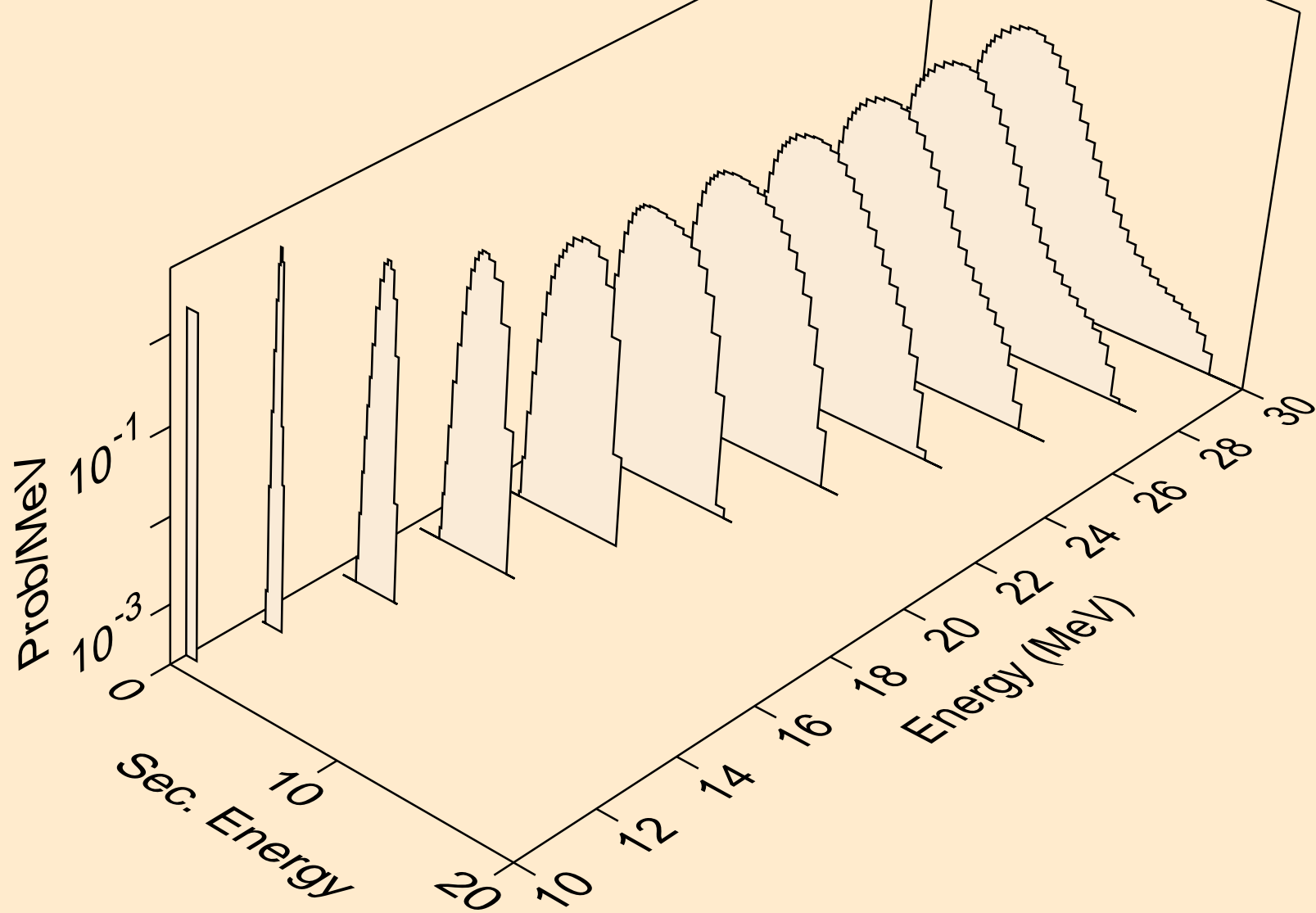
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



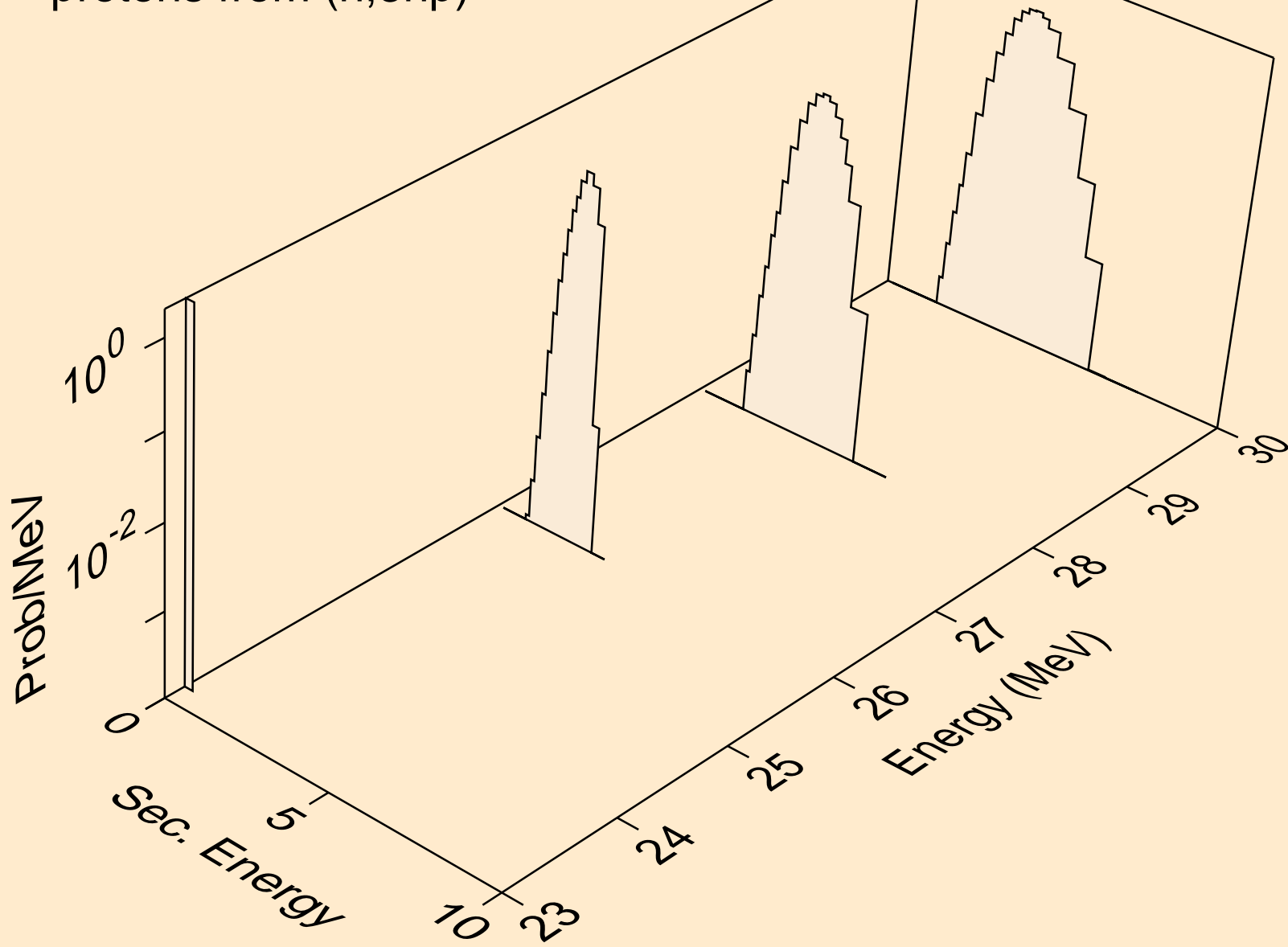
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)

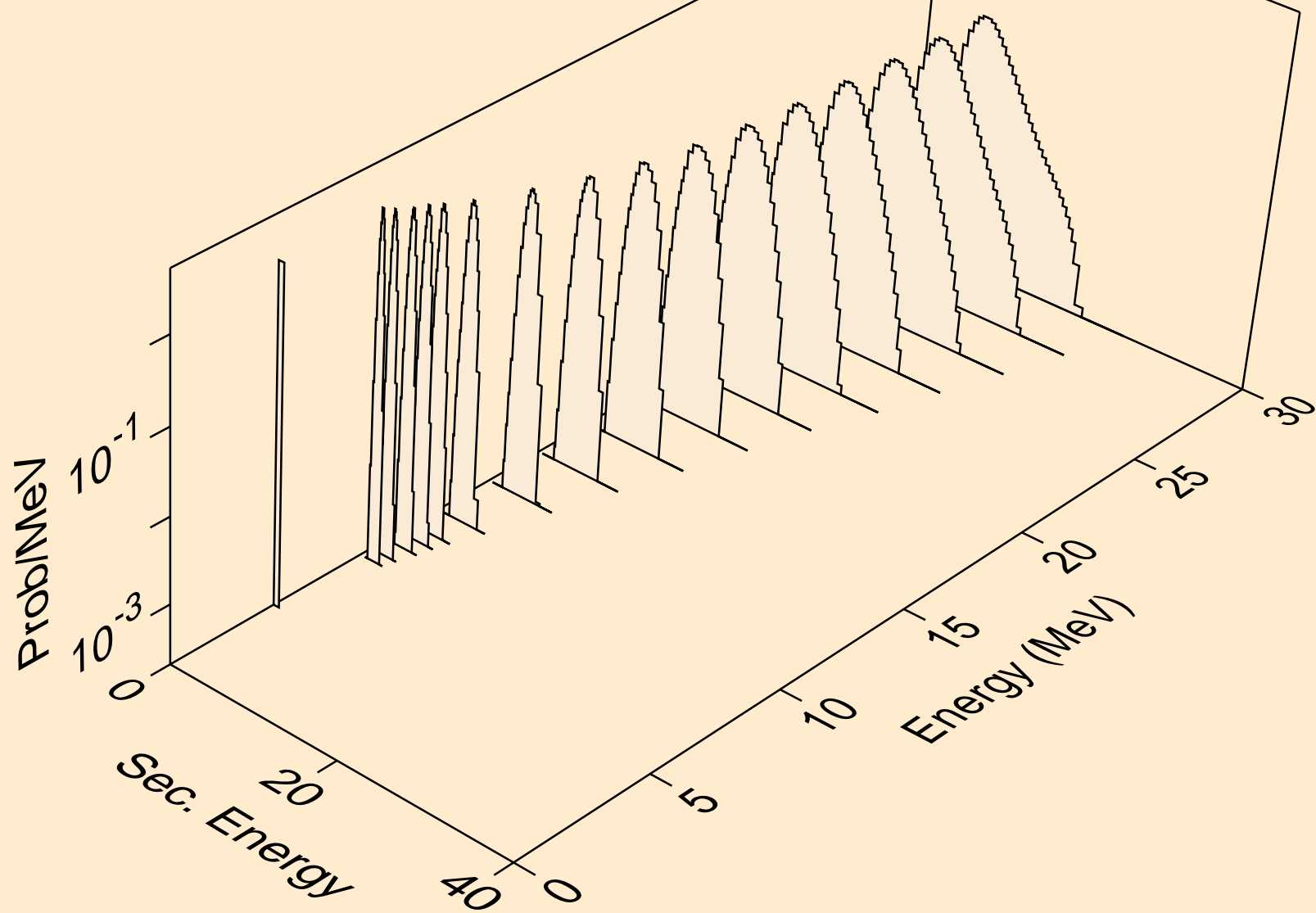


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

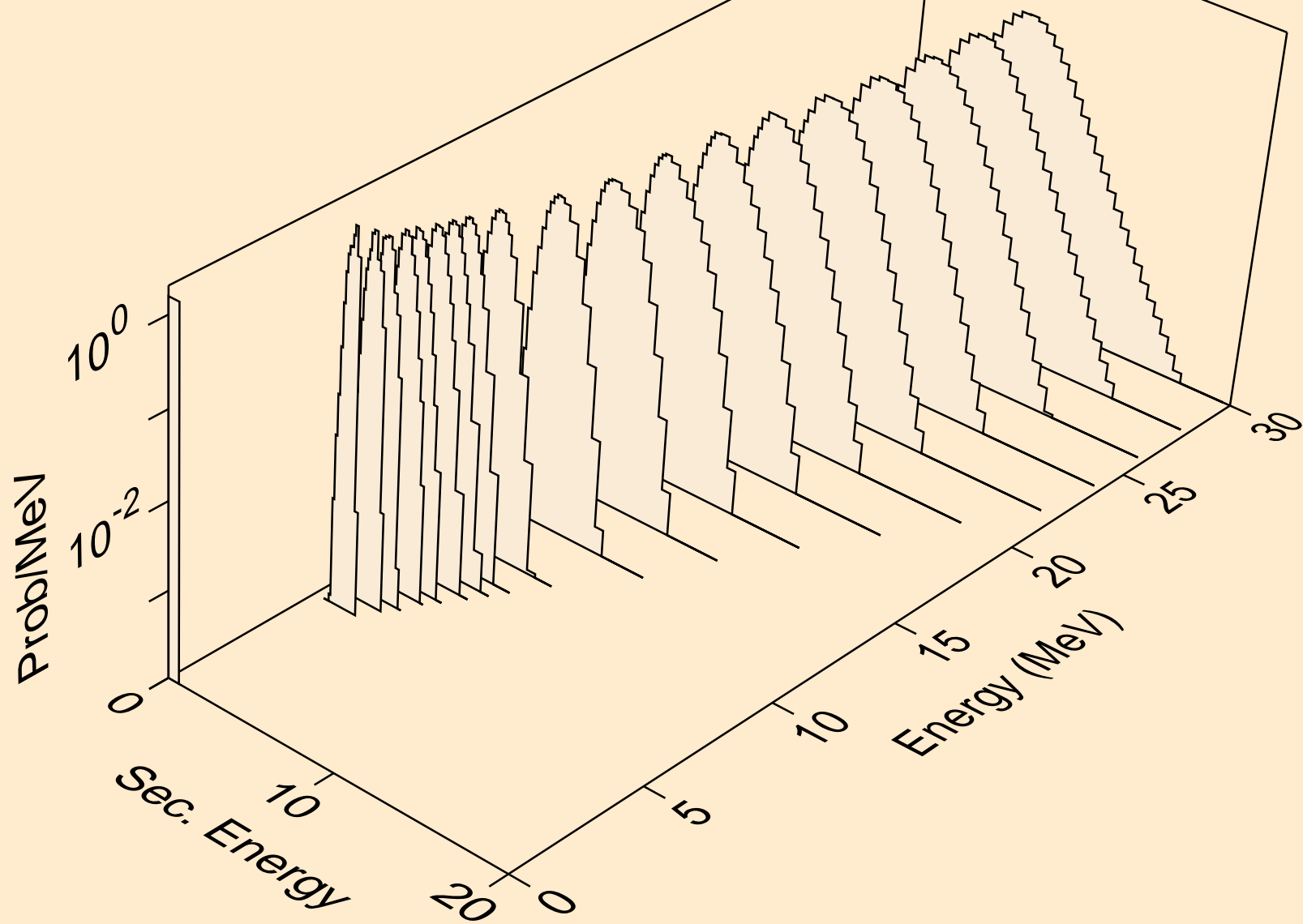




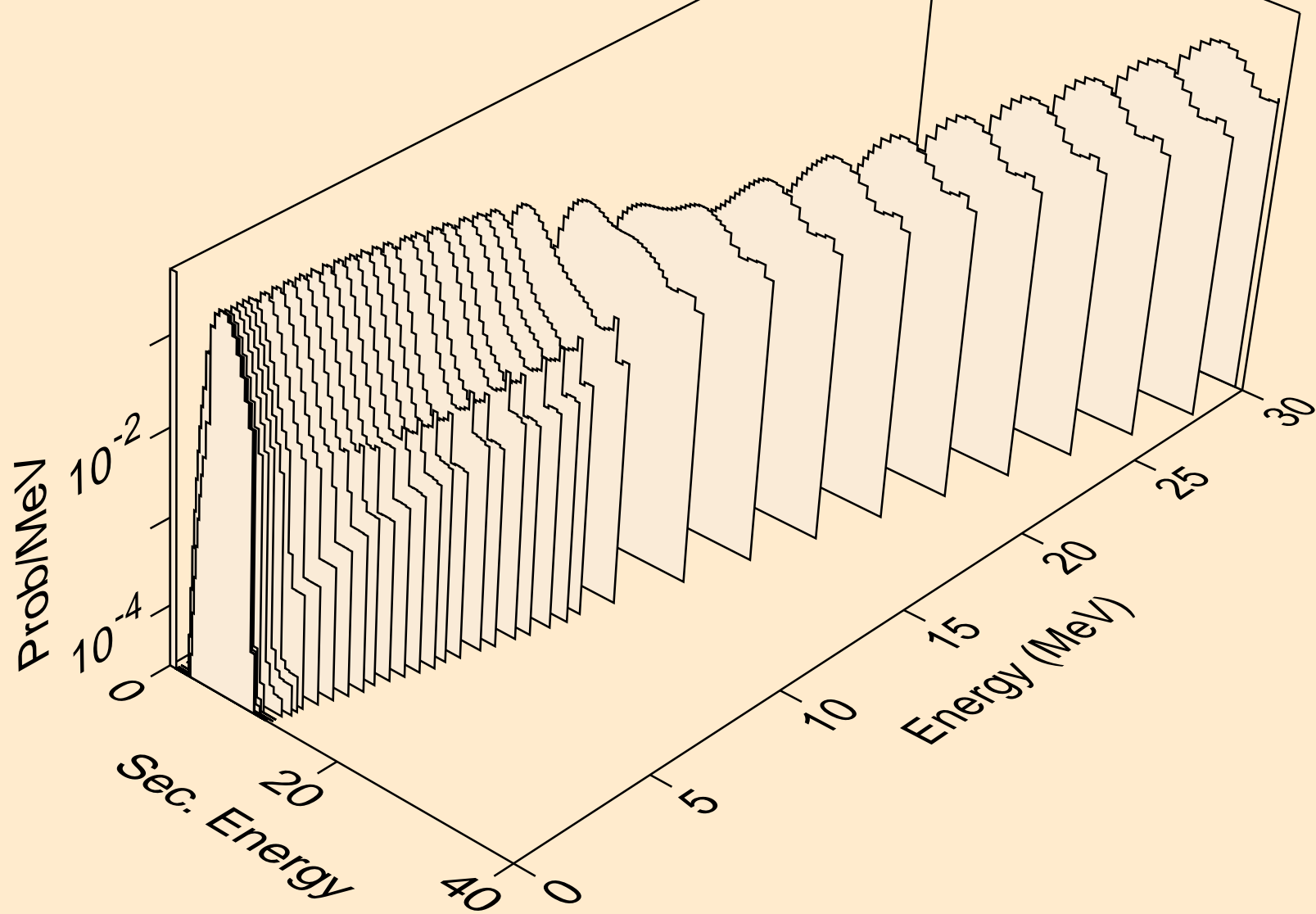
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



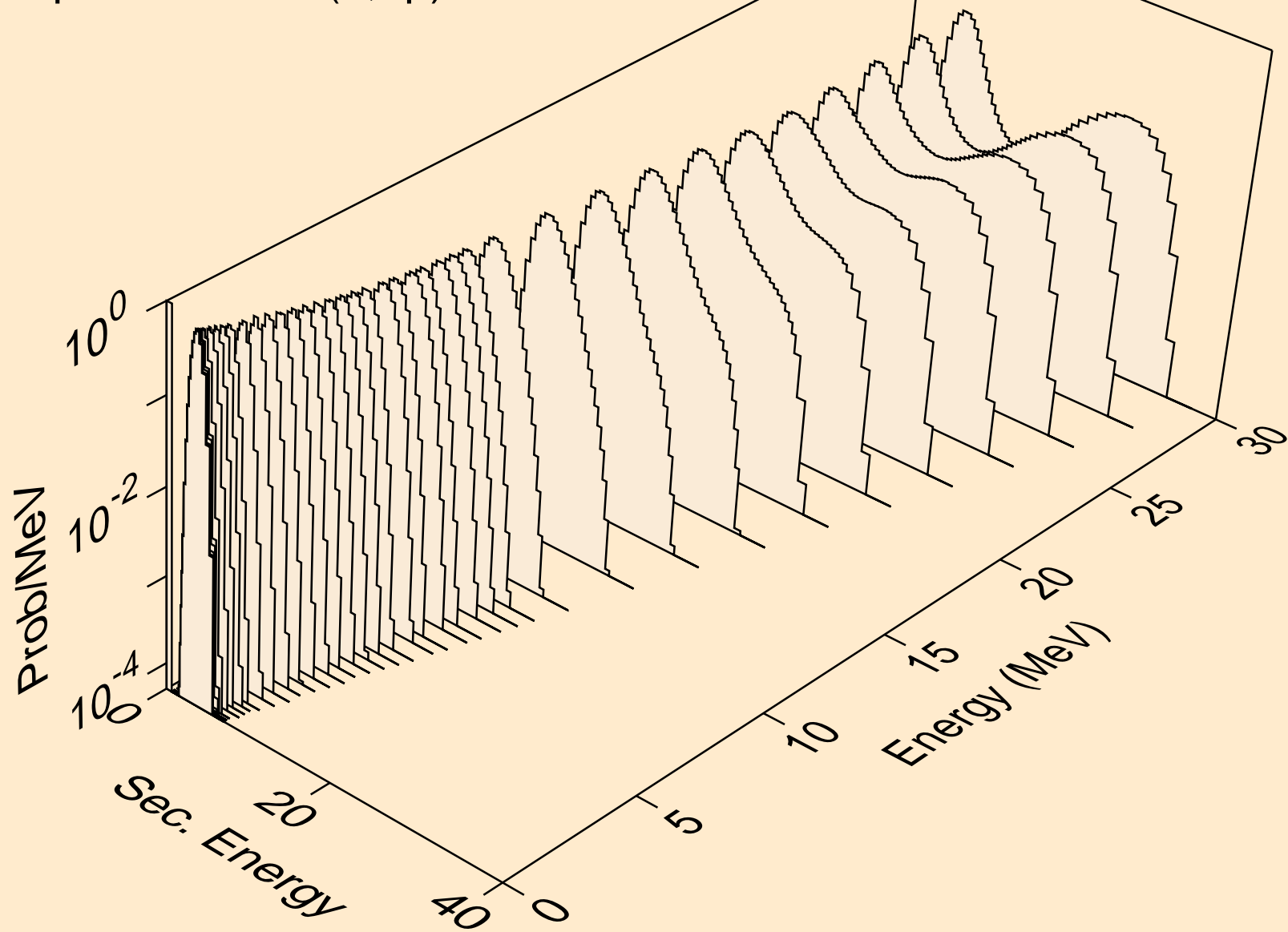
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



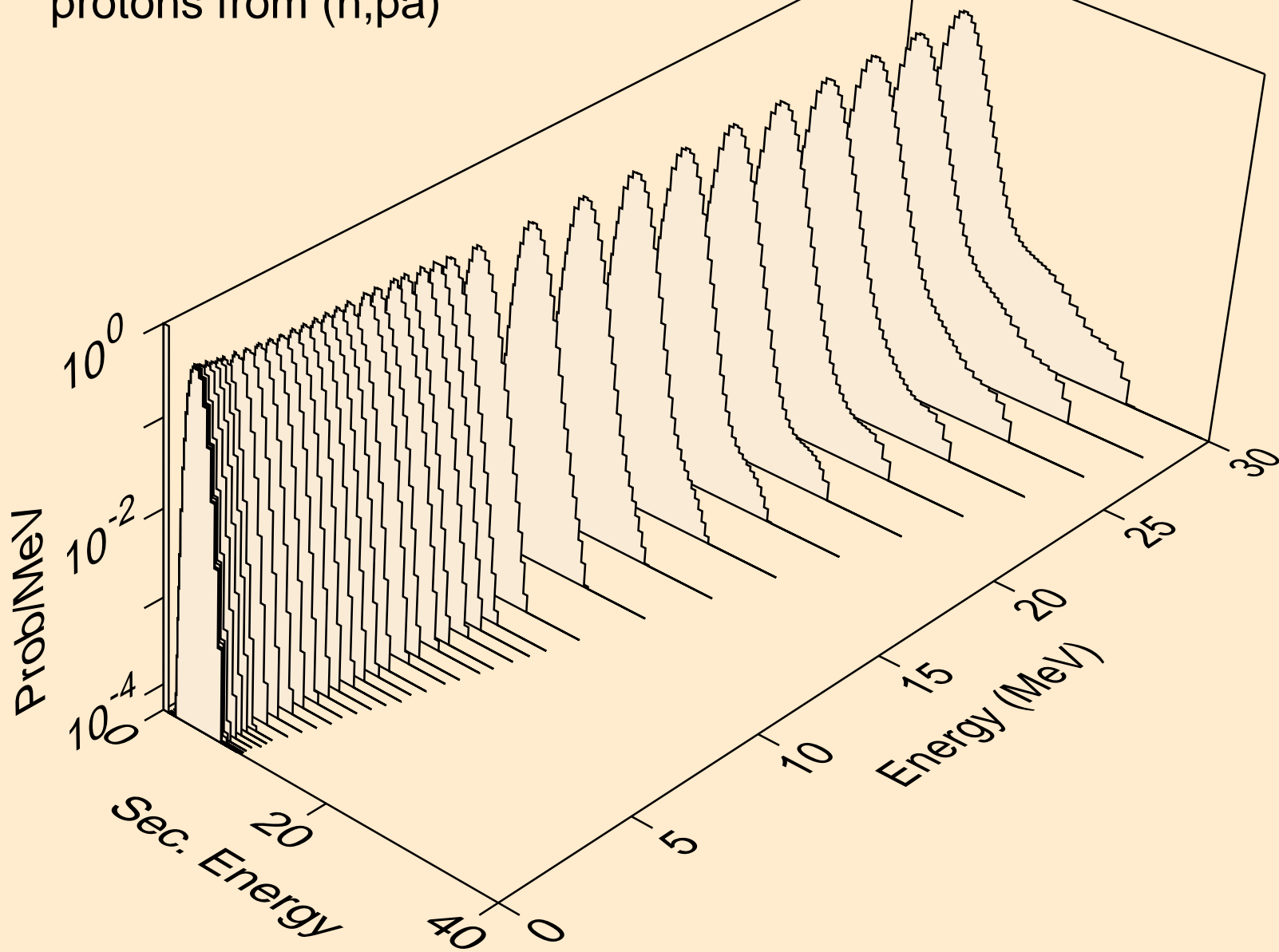
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



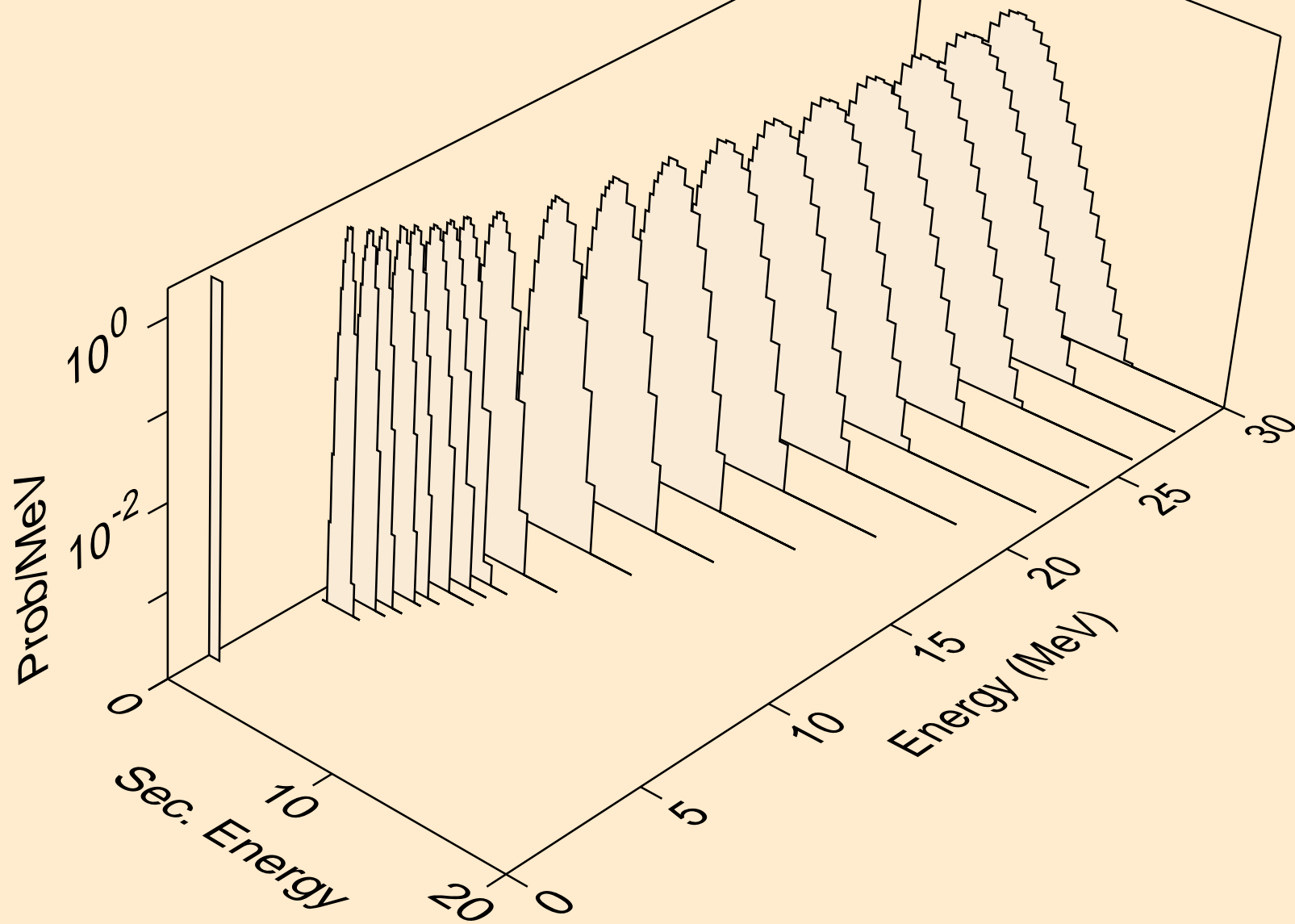
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protons from (n,2p)



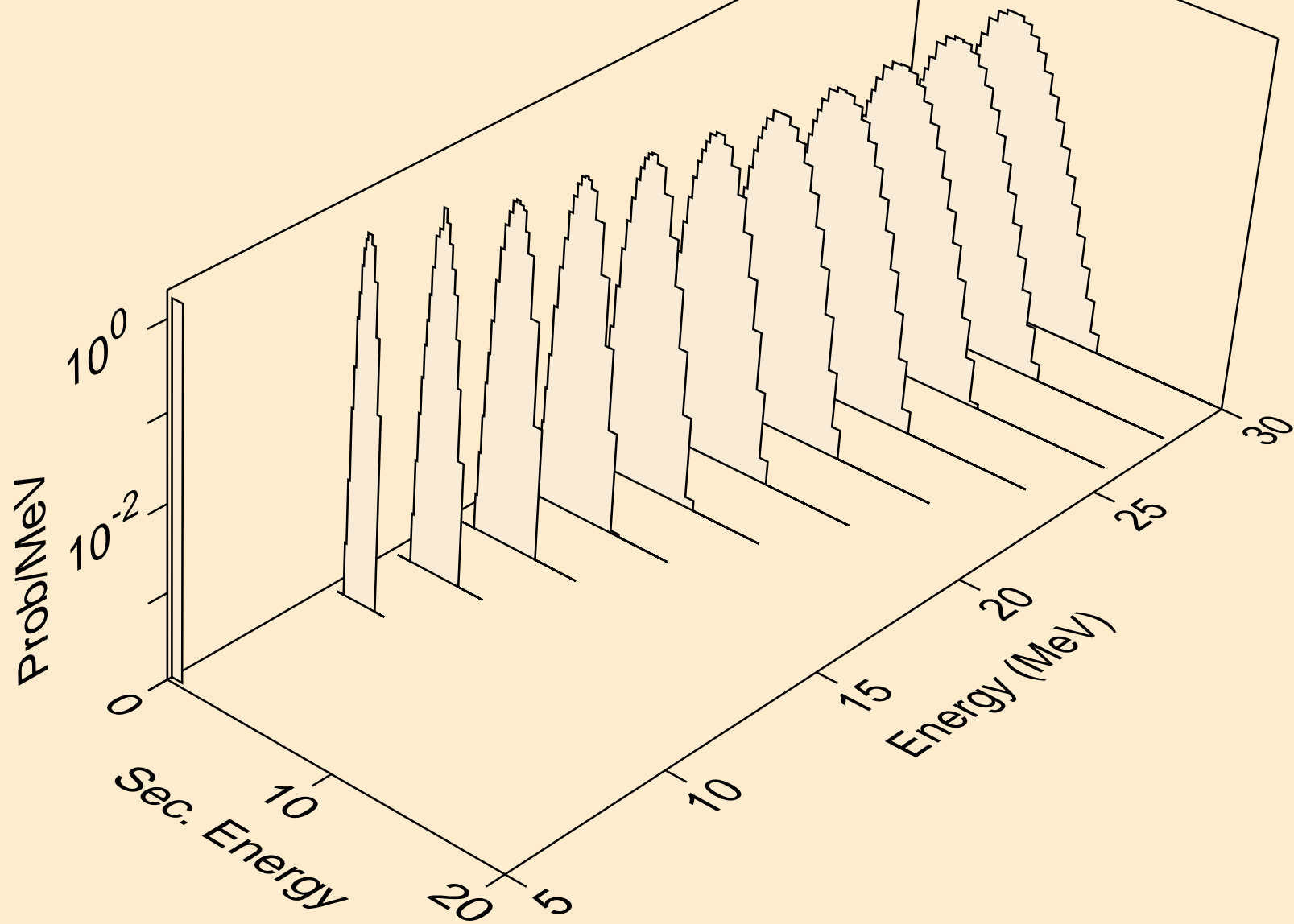
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



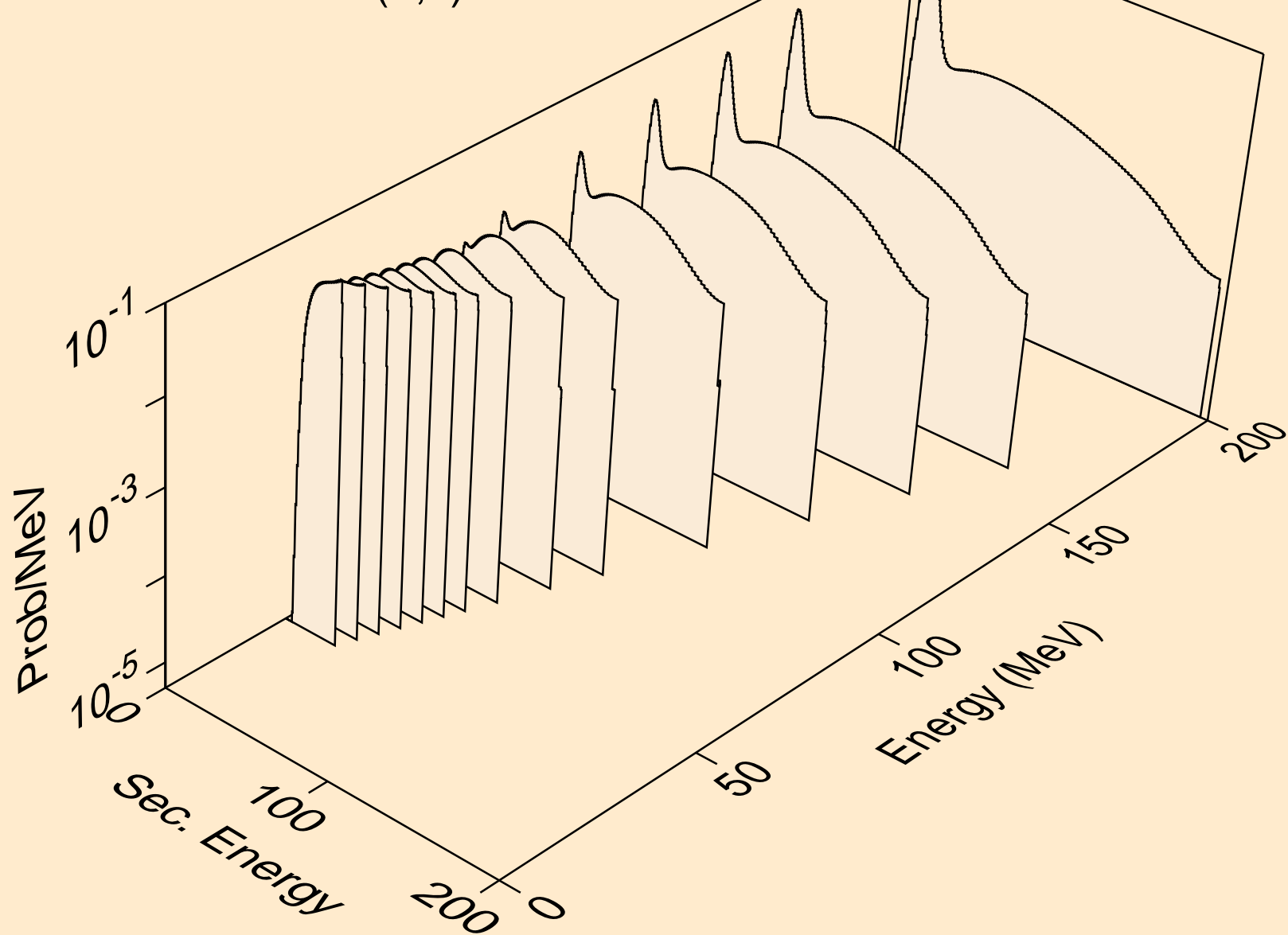
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)

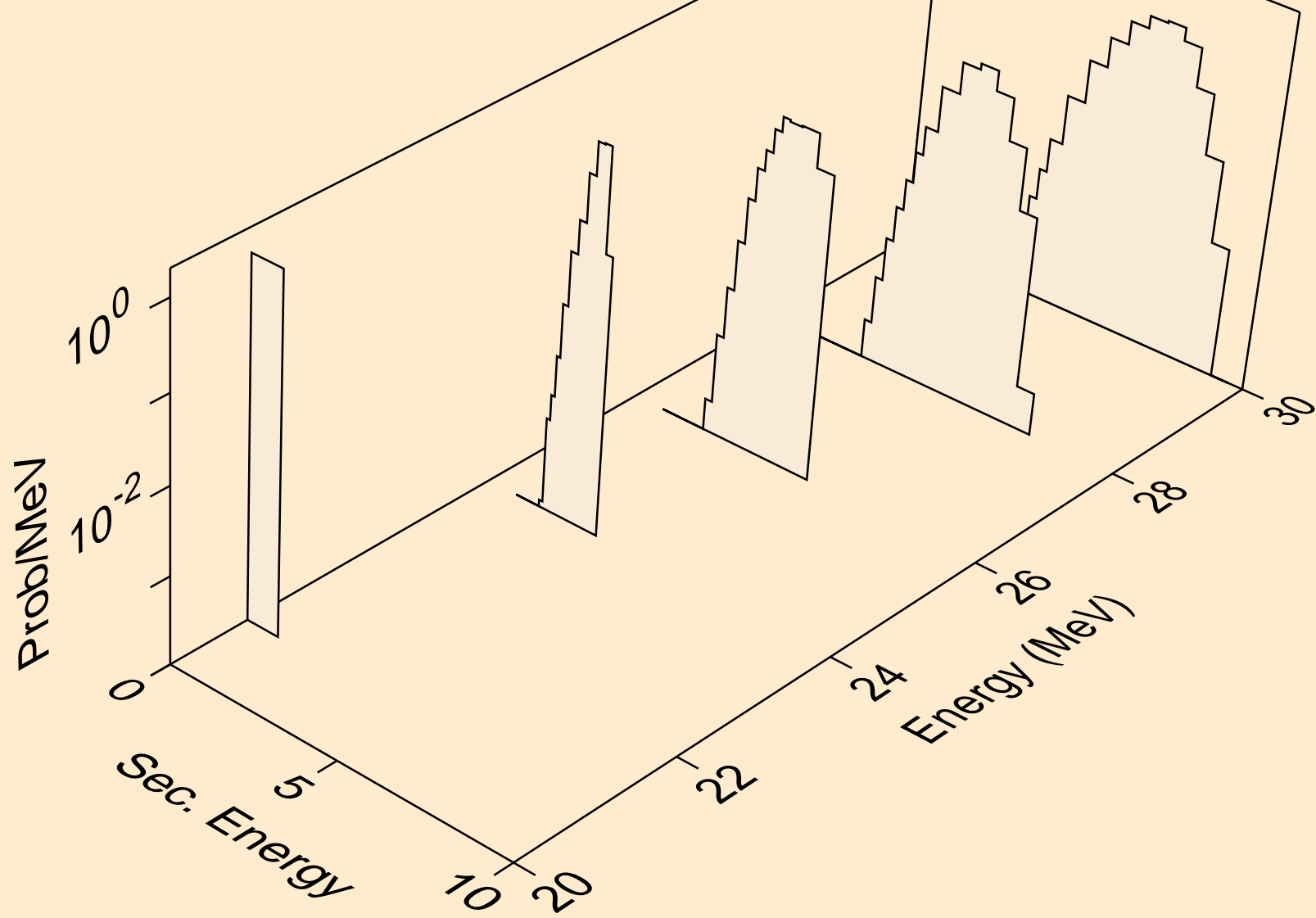


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

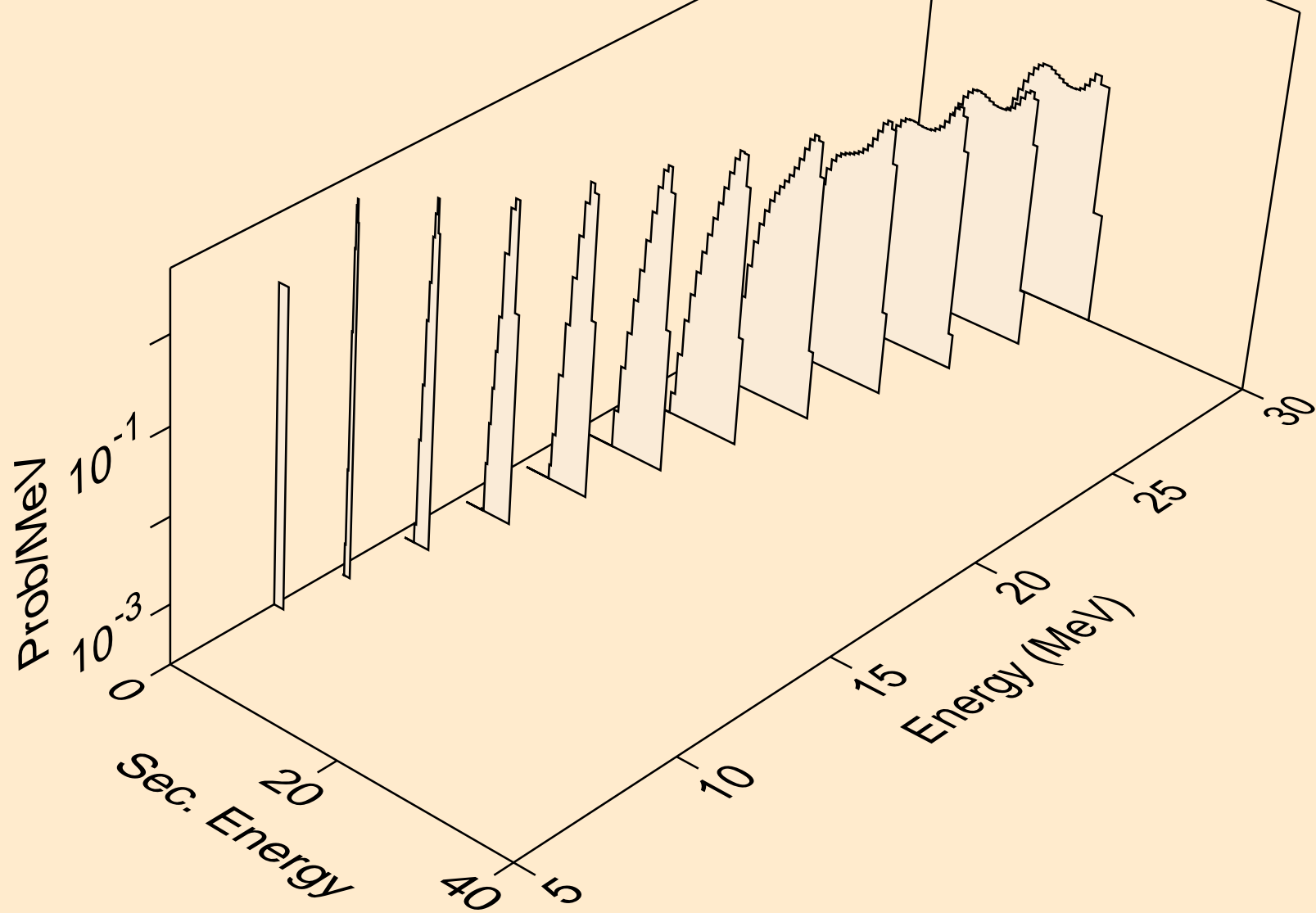




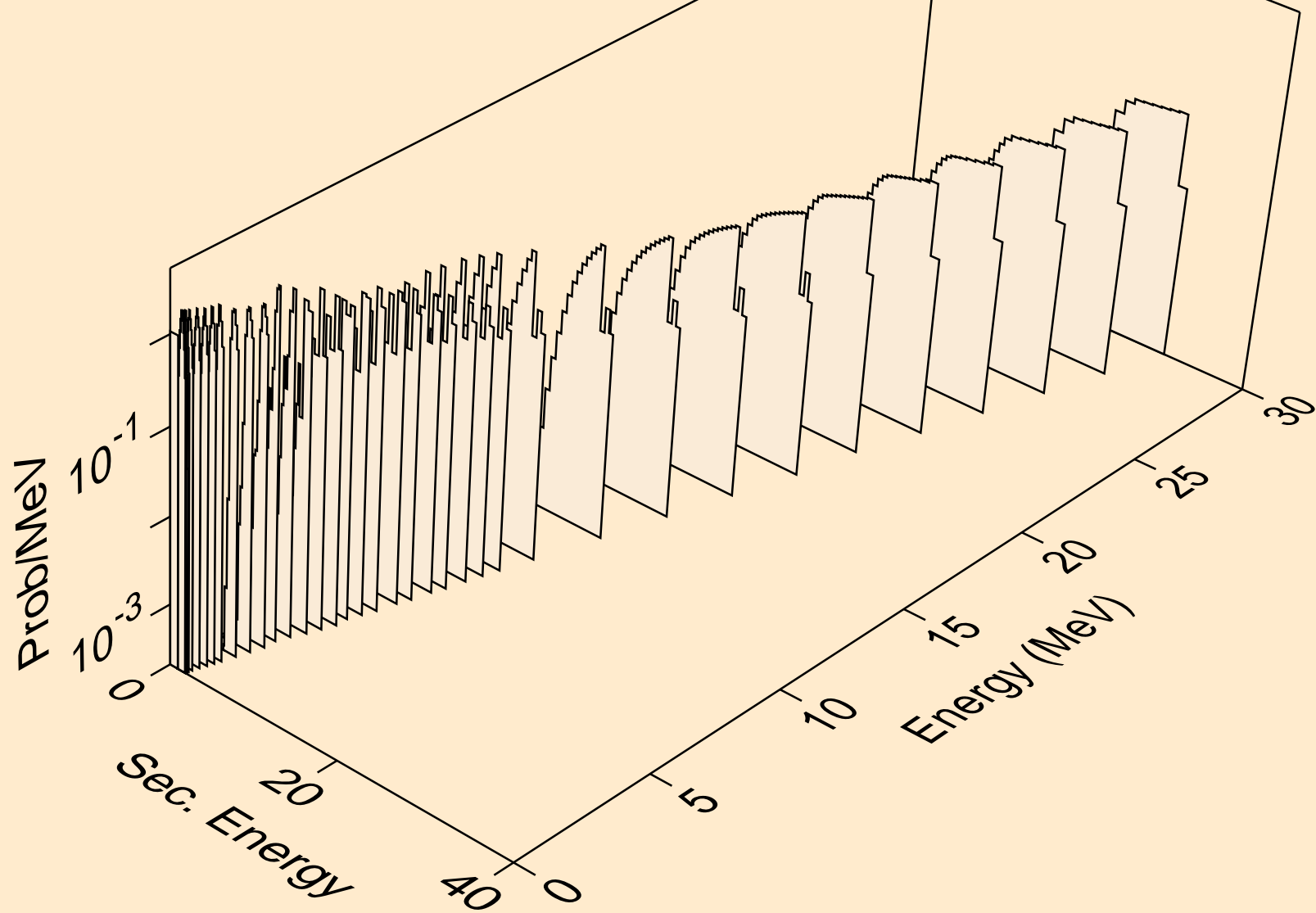
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



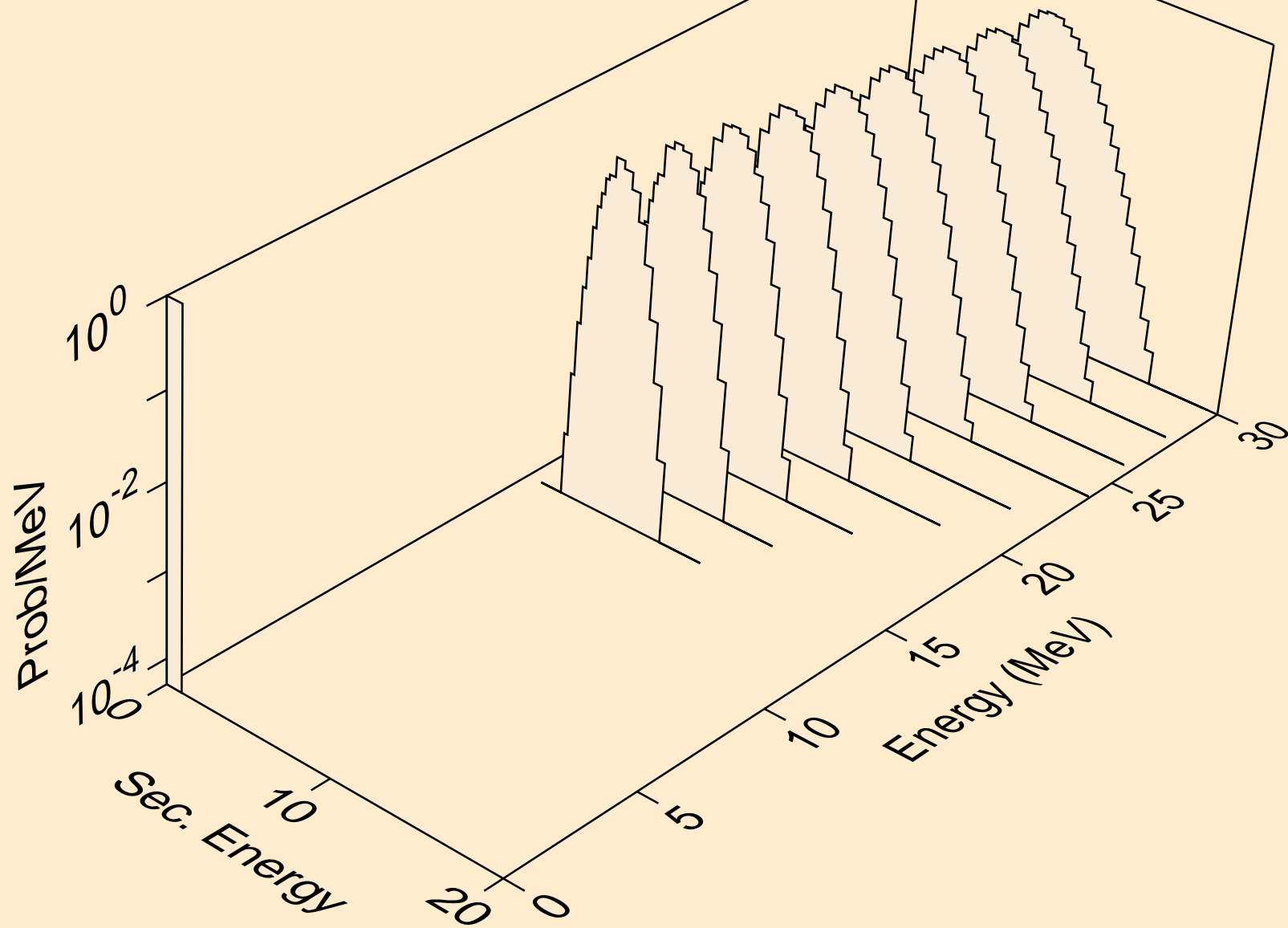
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



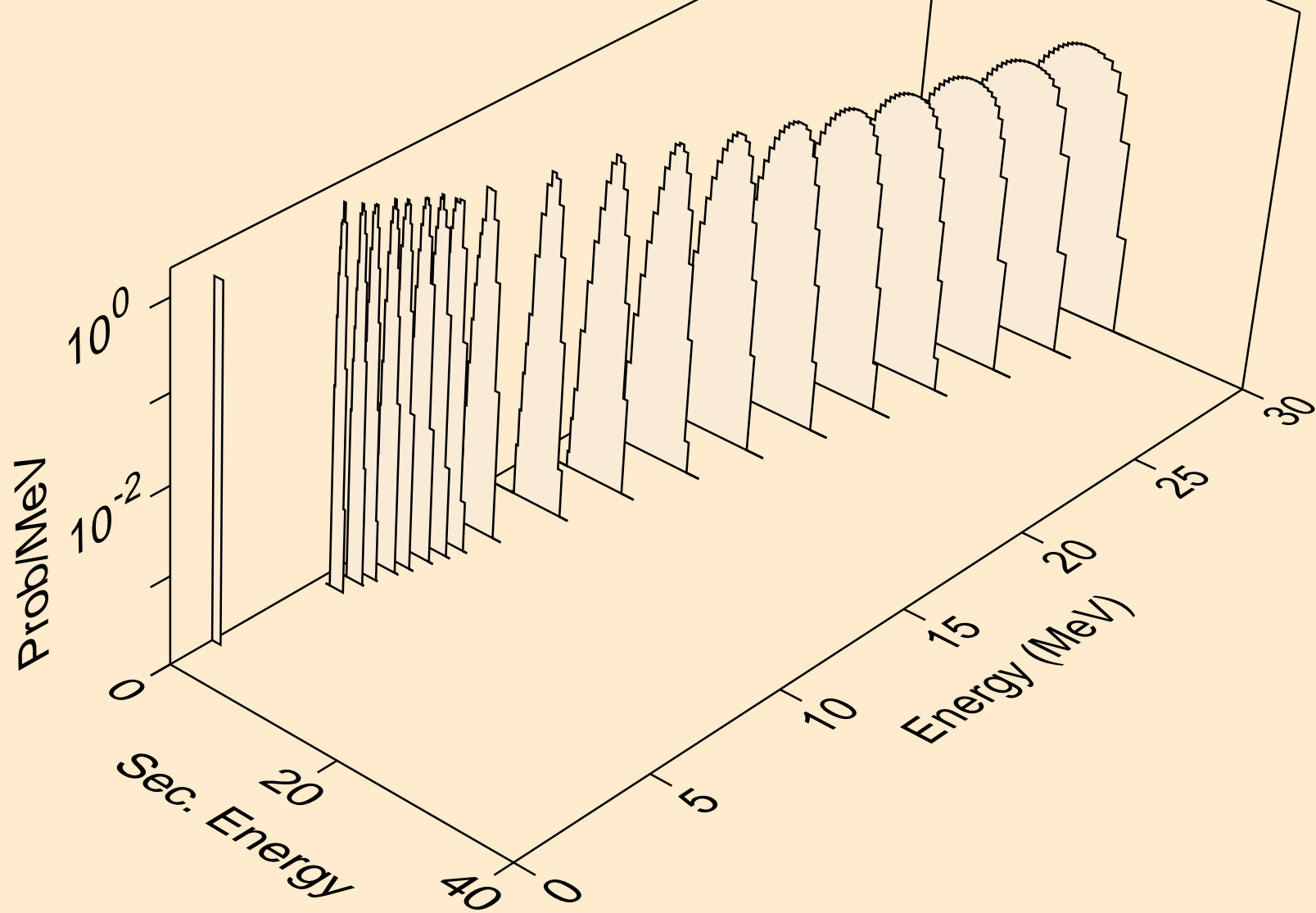
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



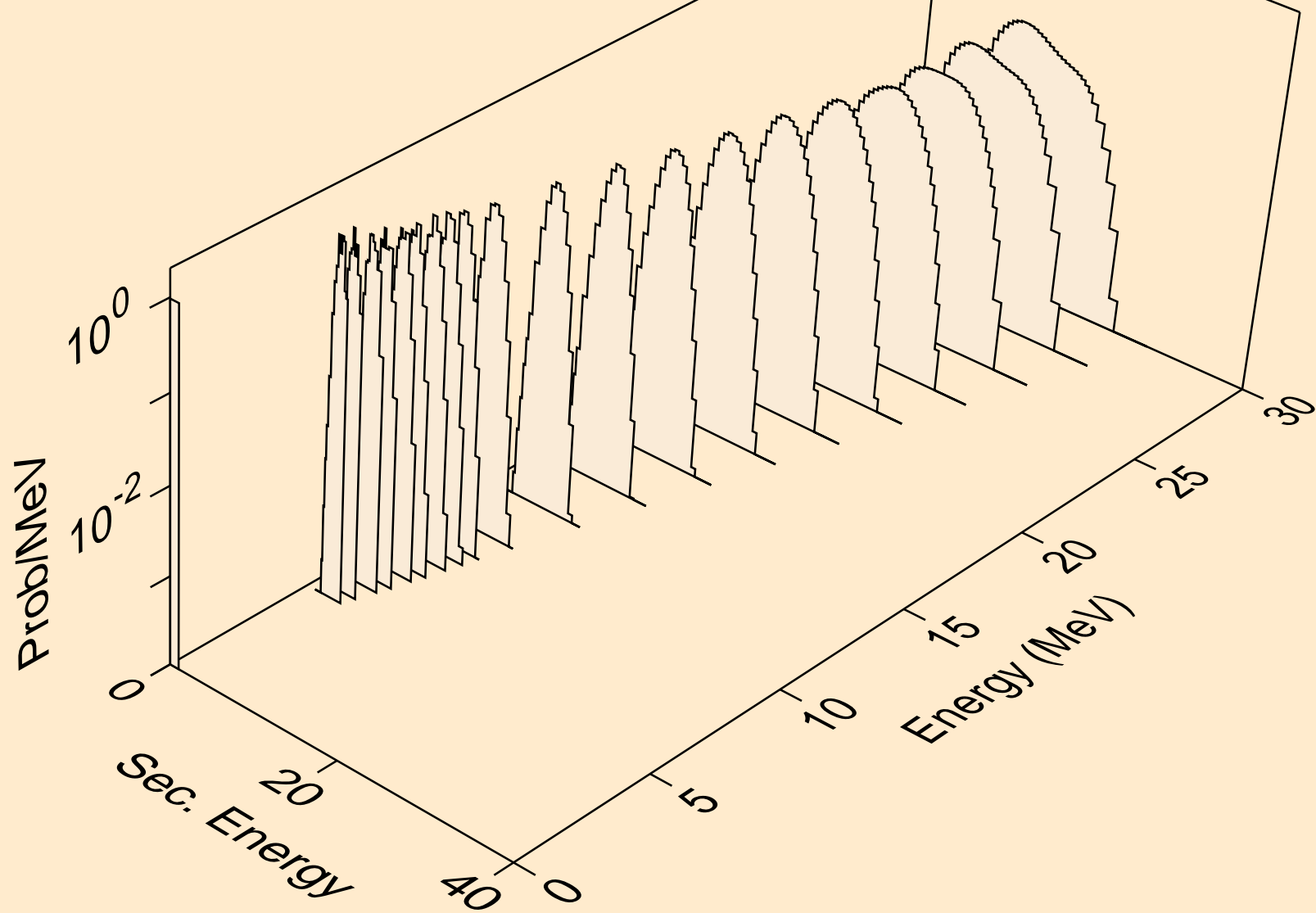
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)



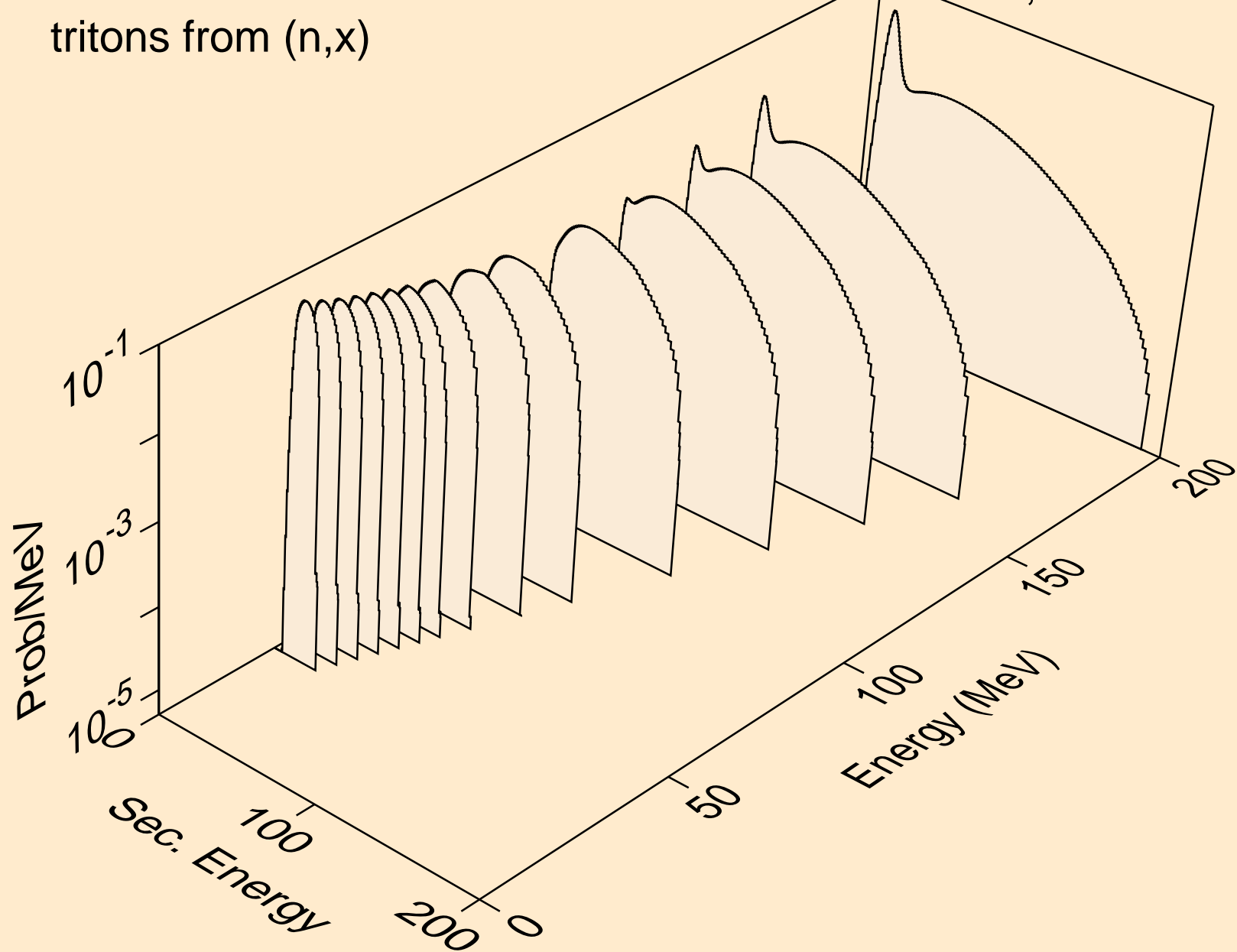
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



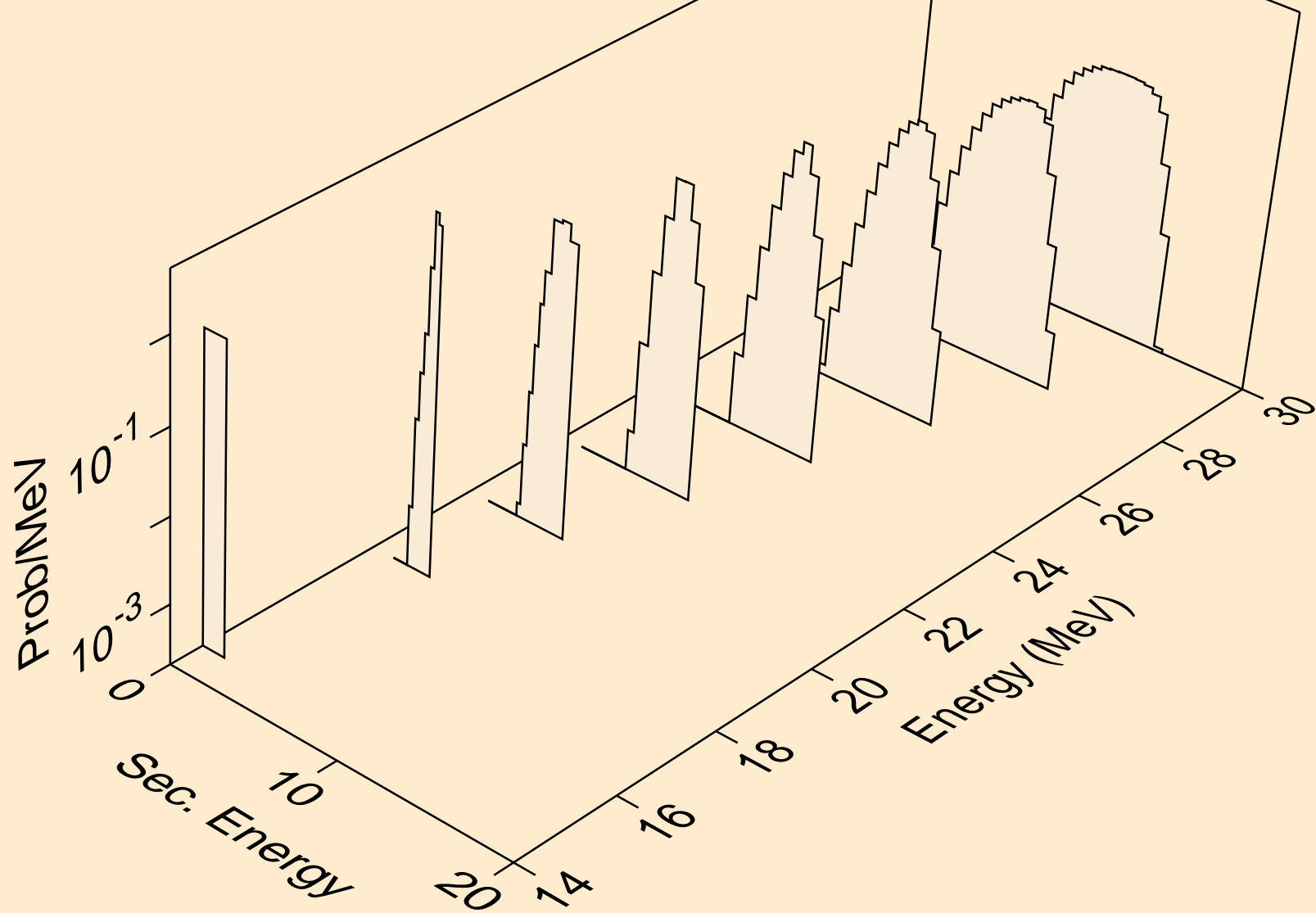
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

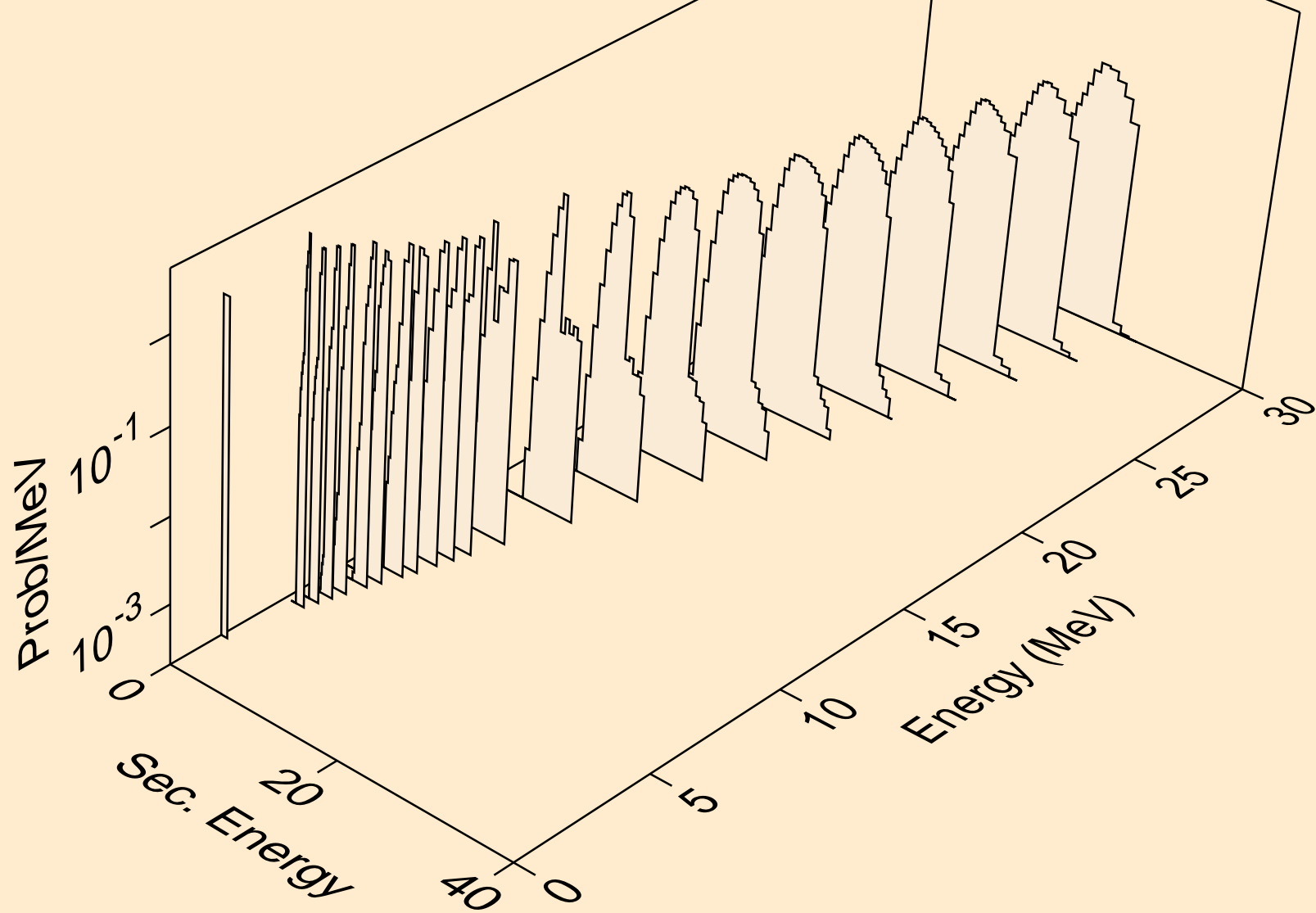


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

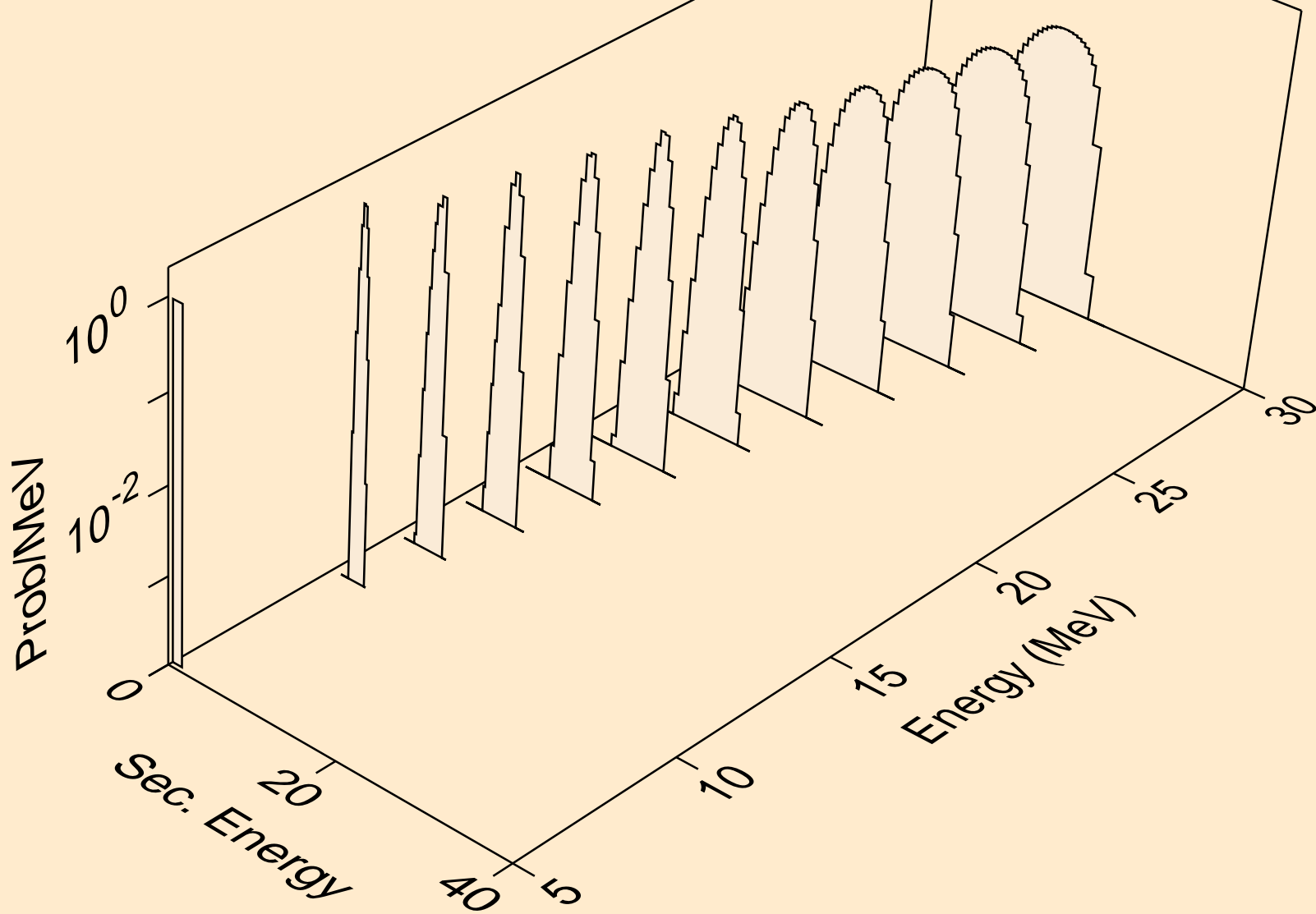




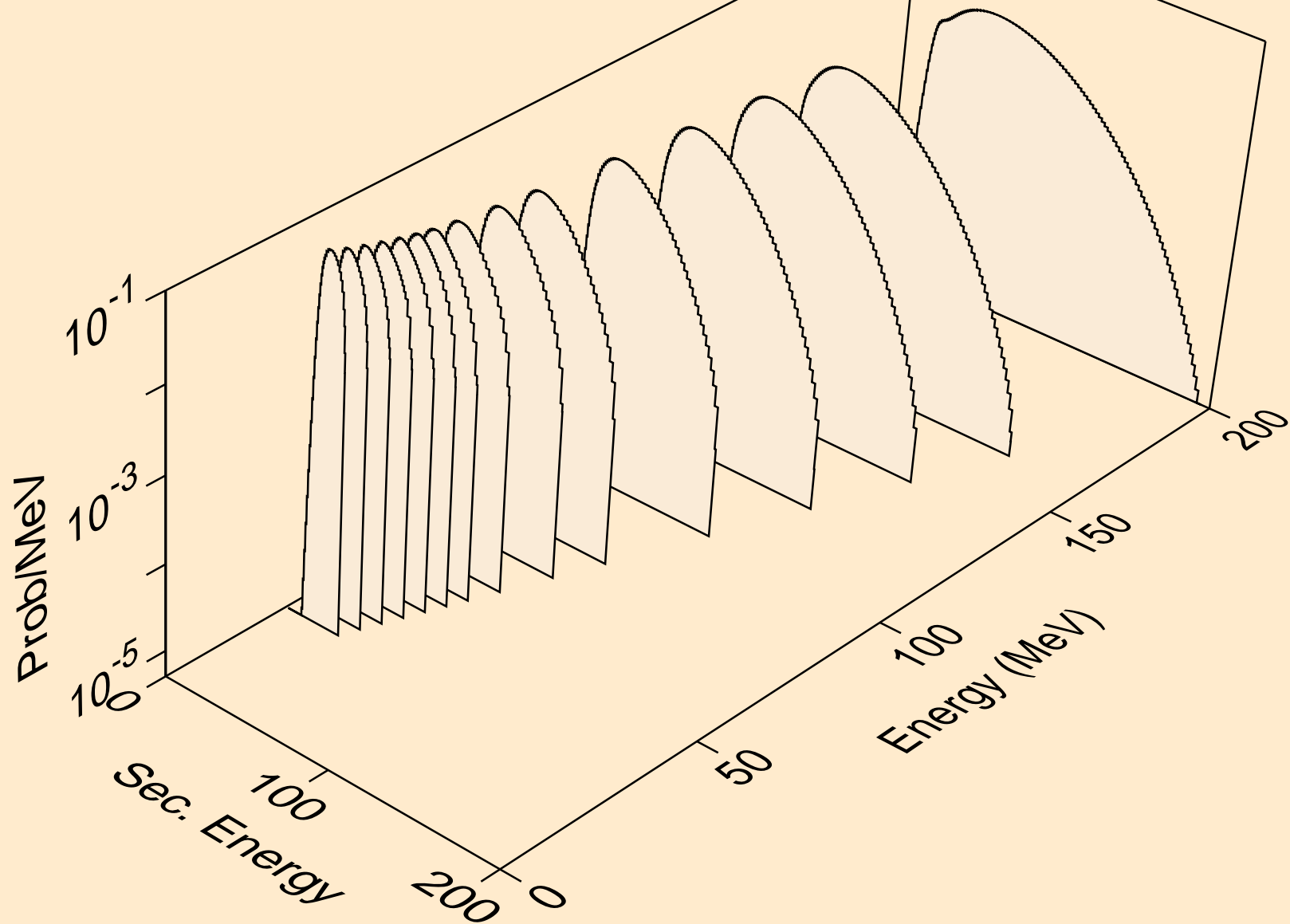
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



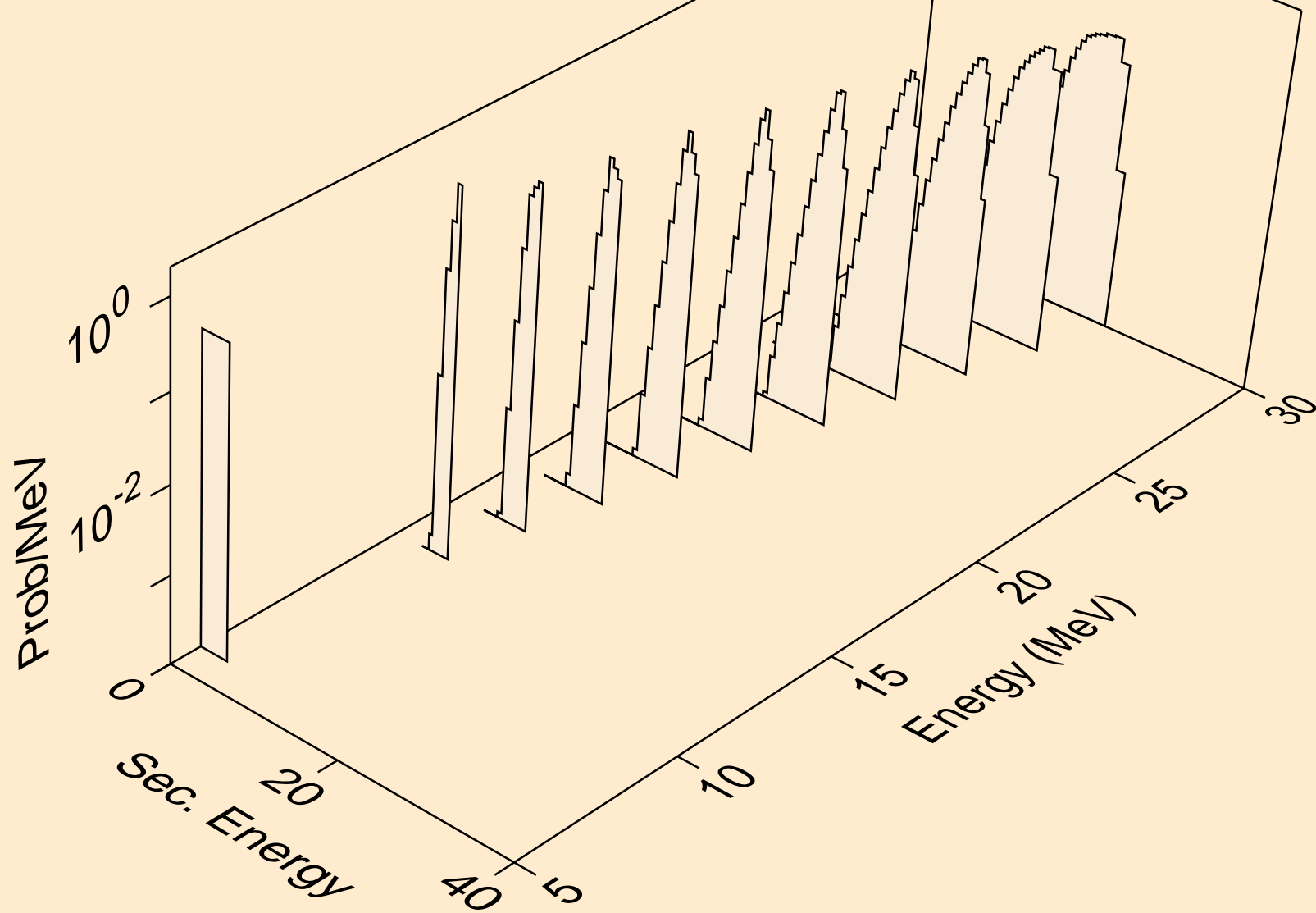
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



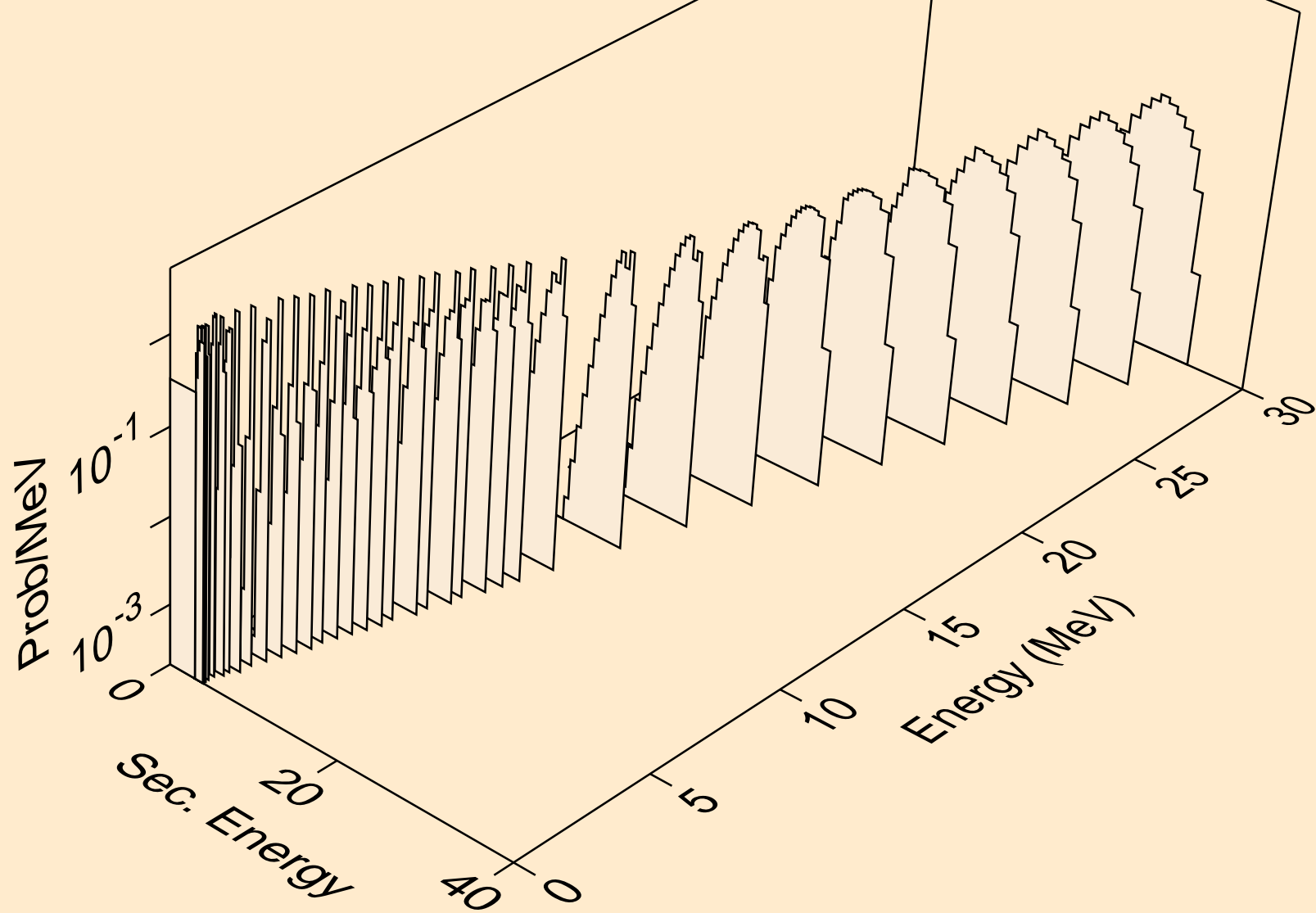
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



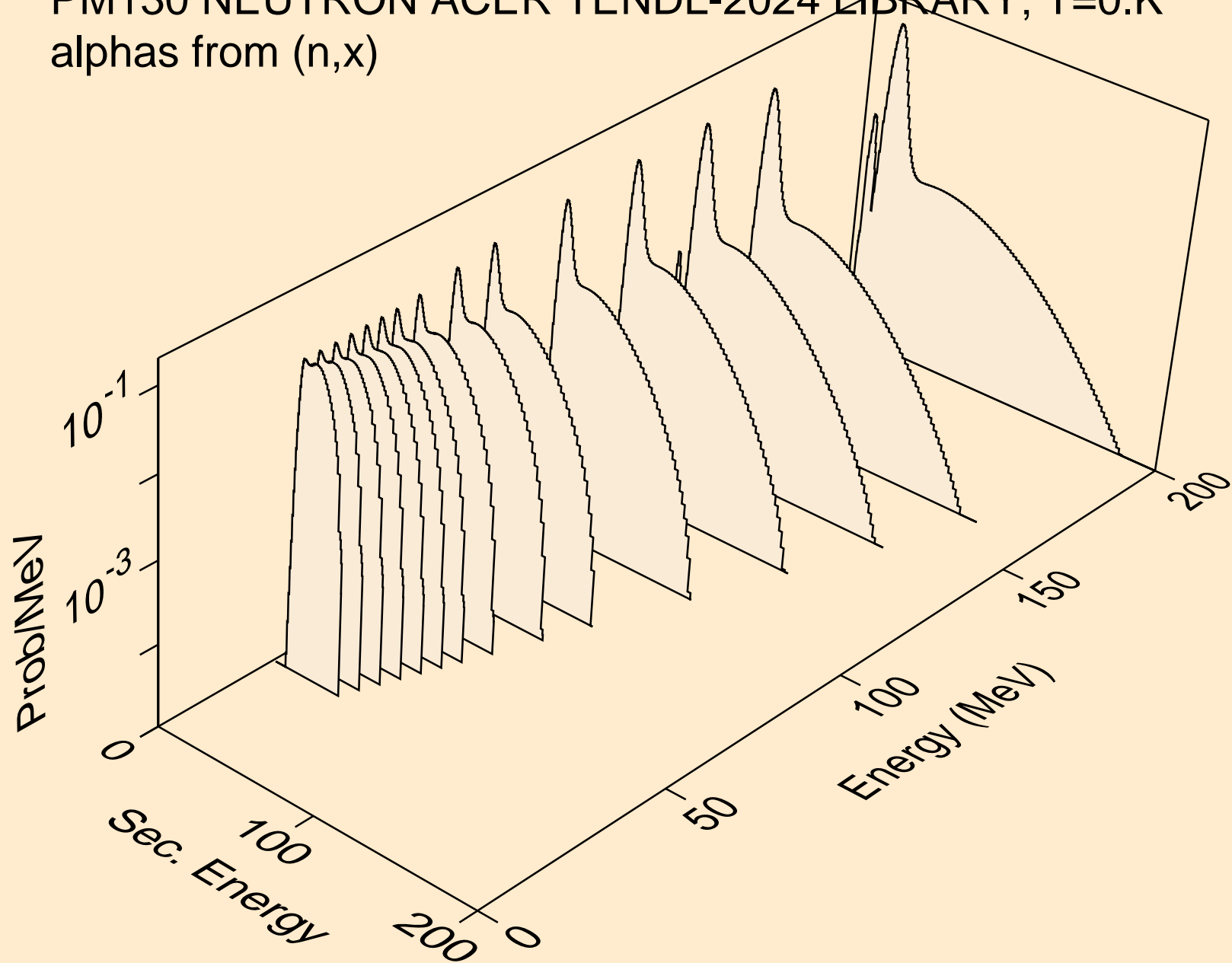
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



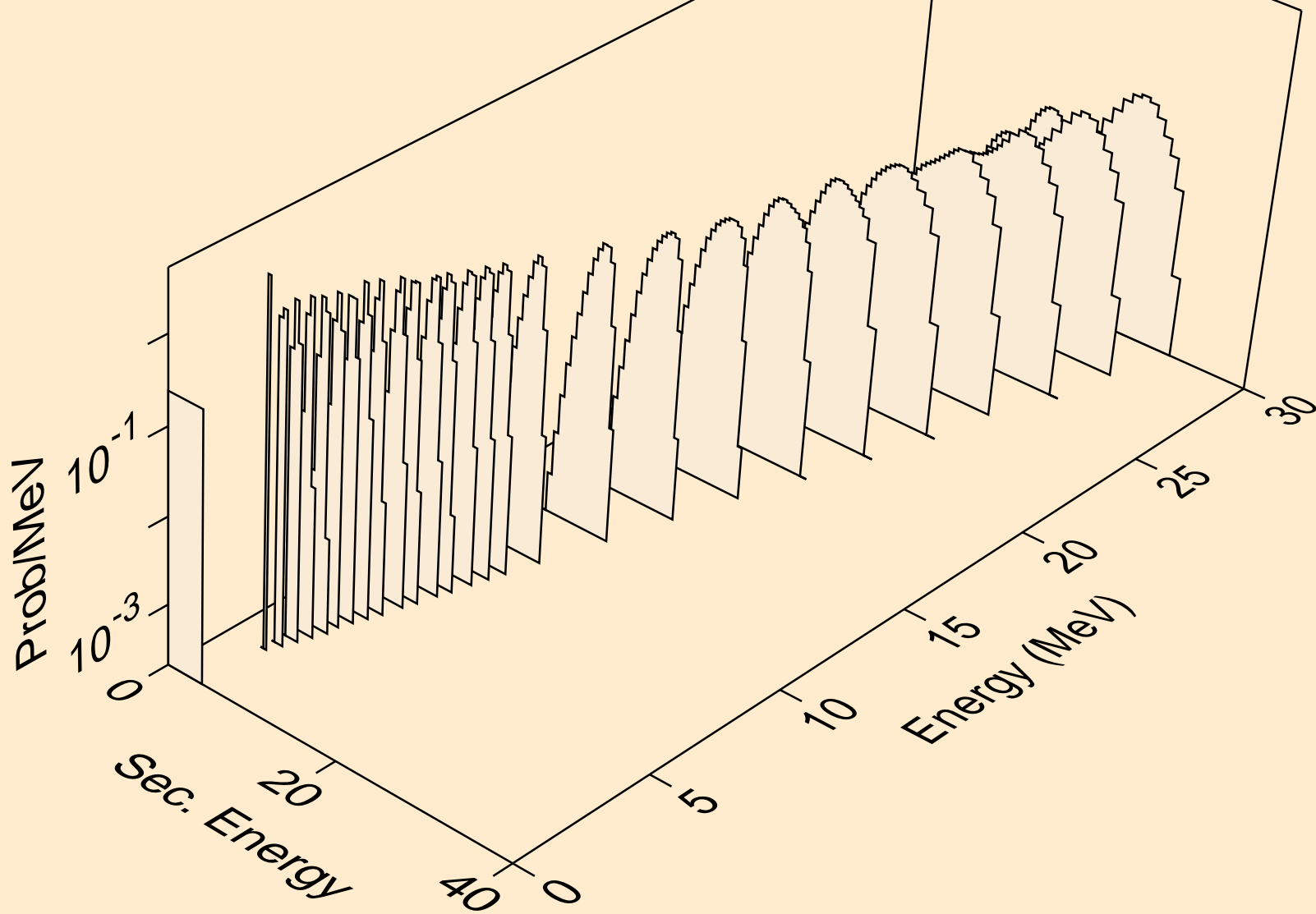
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



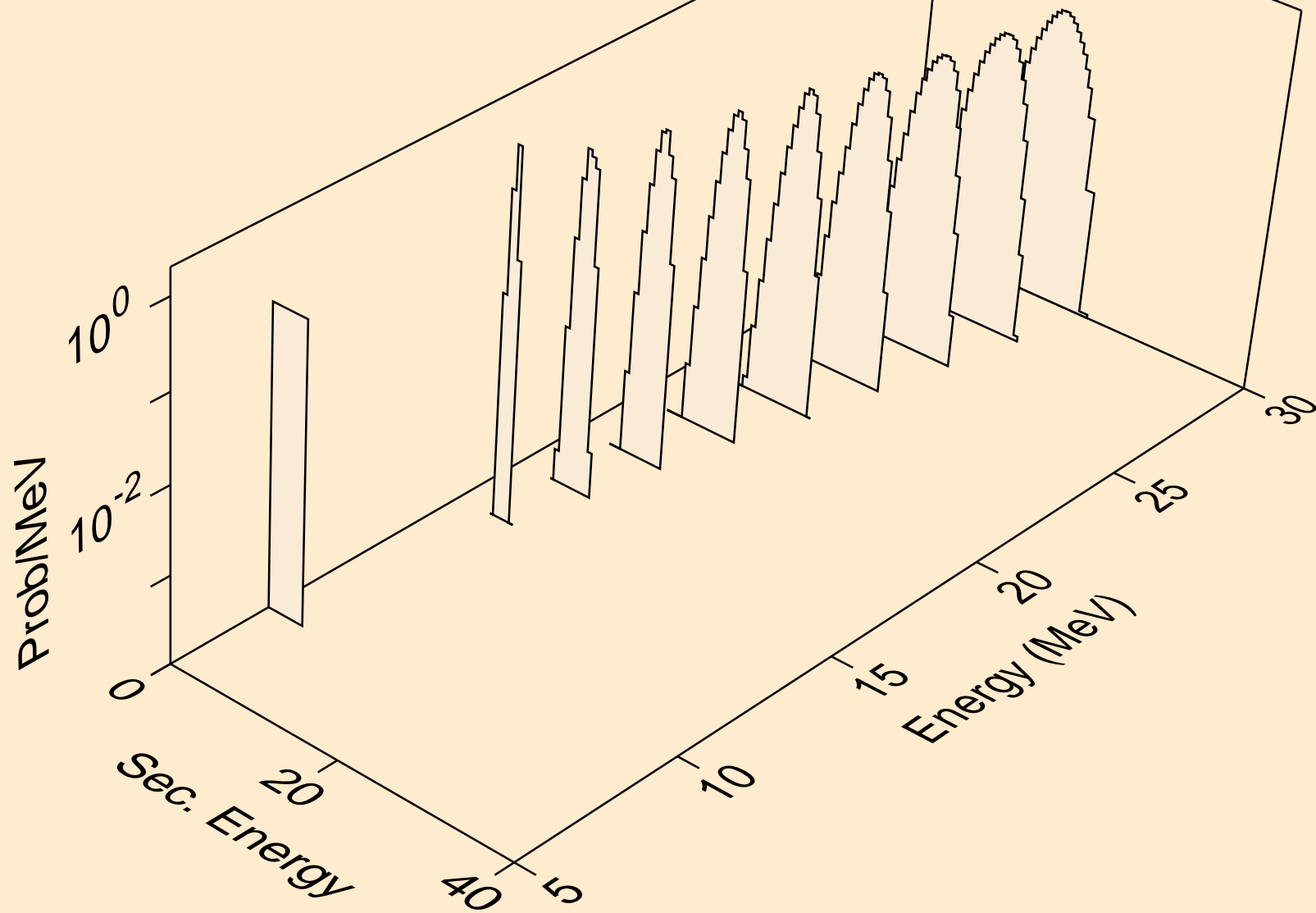
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

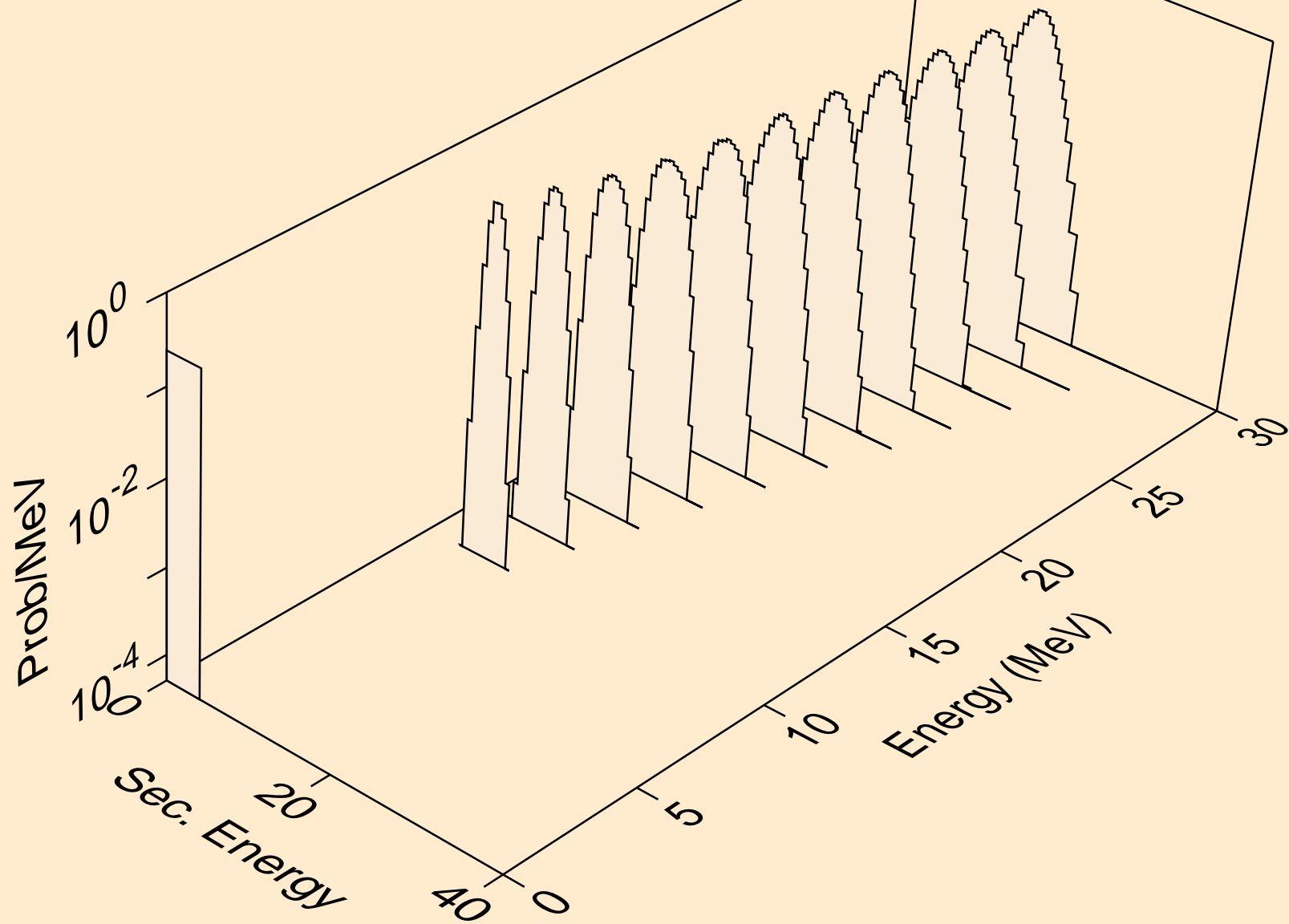


PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

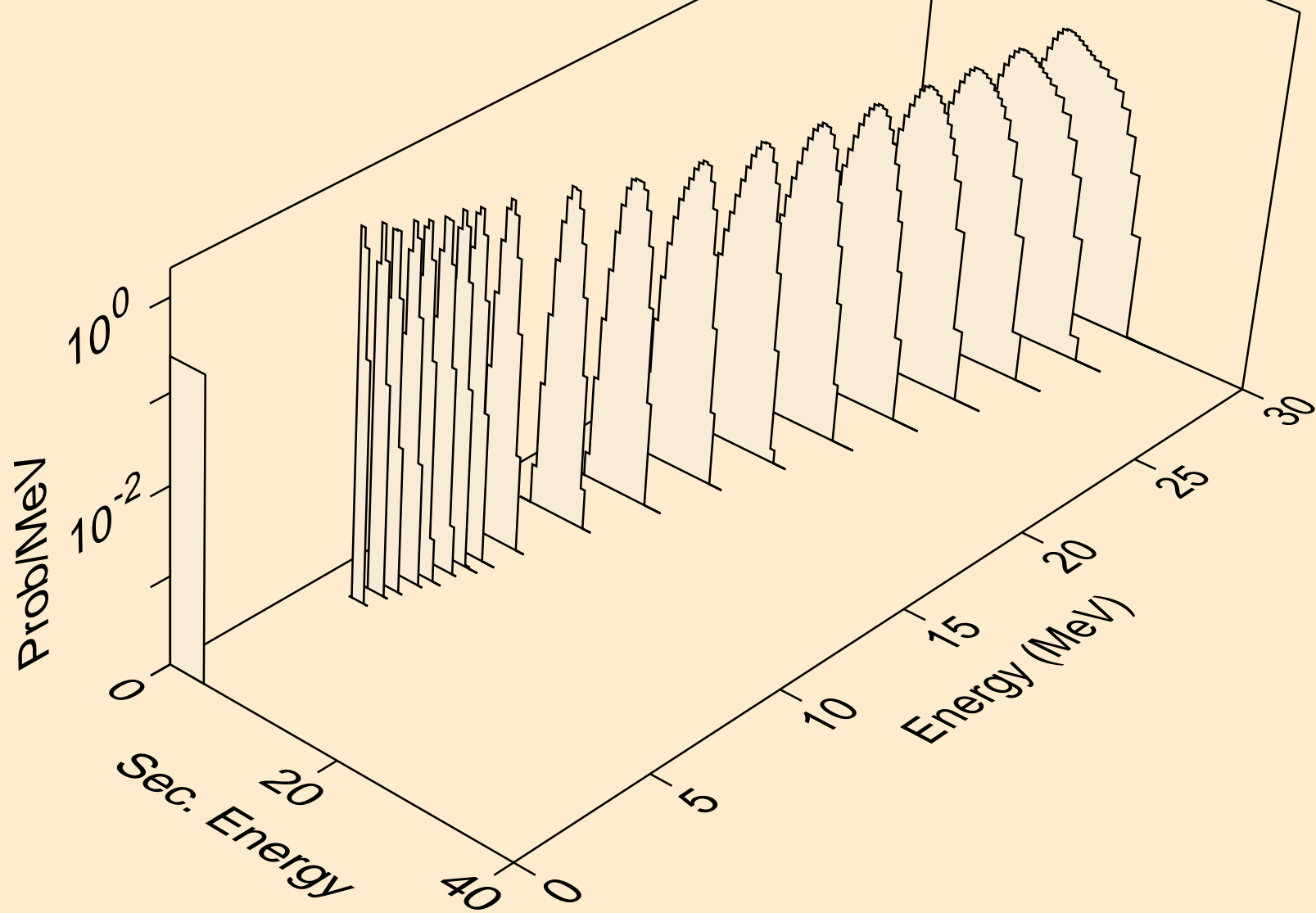




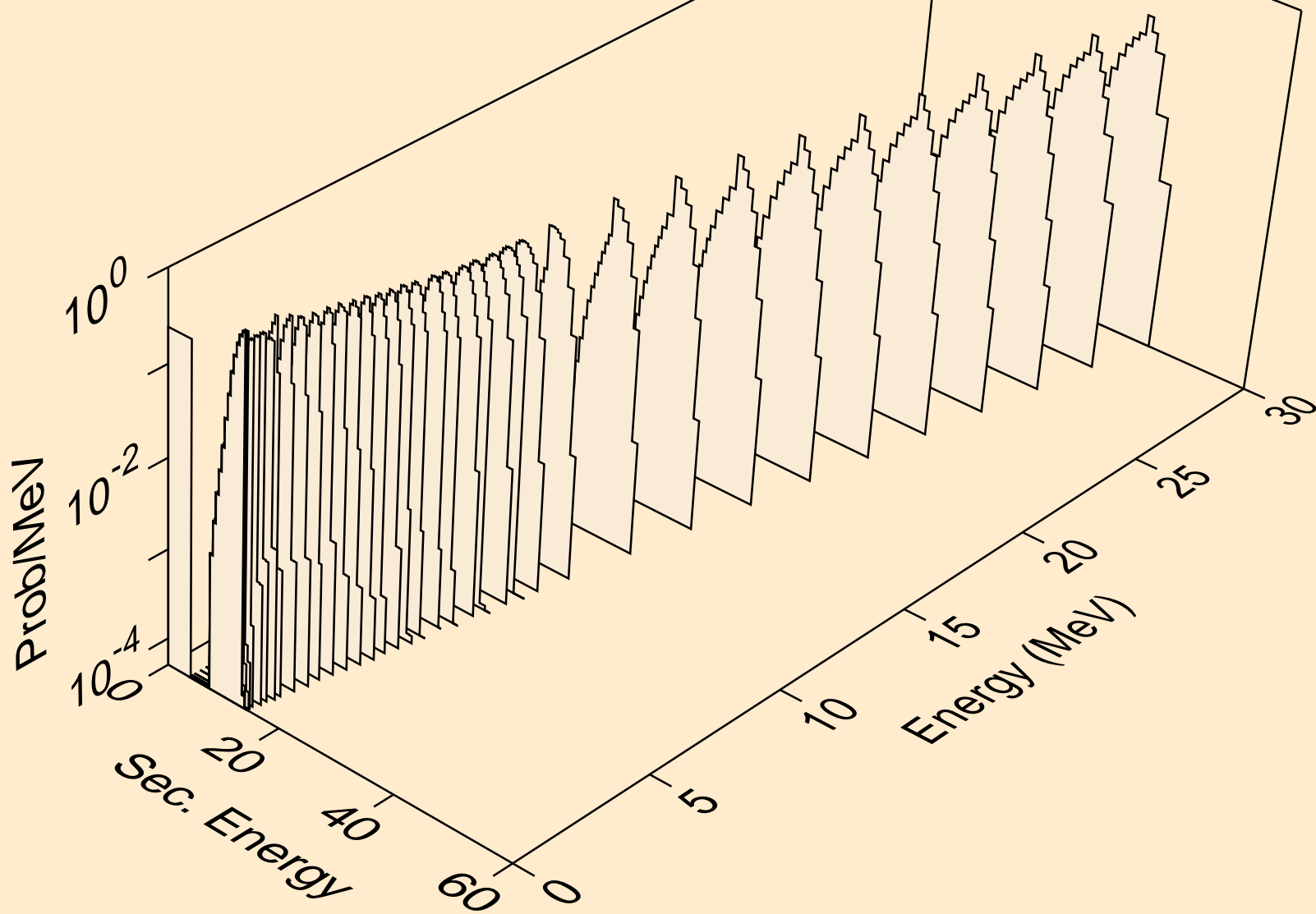
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



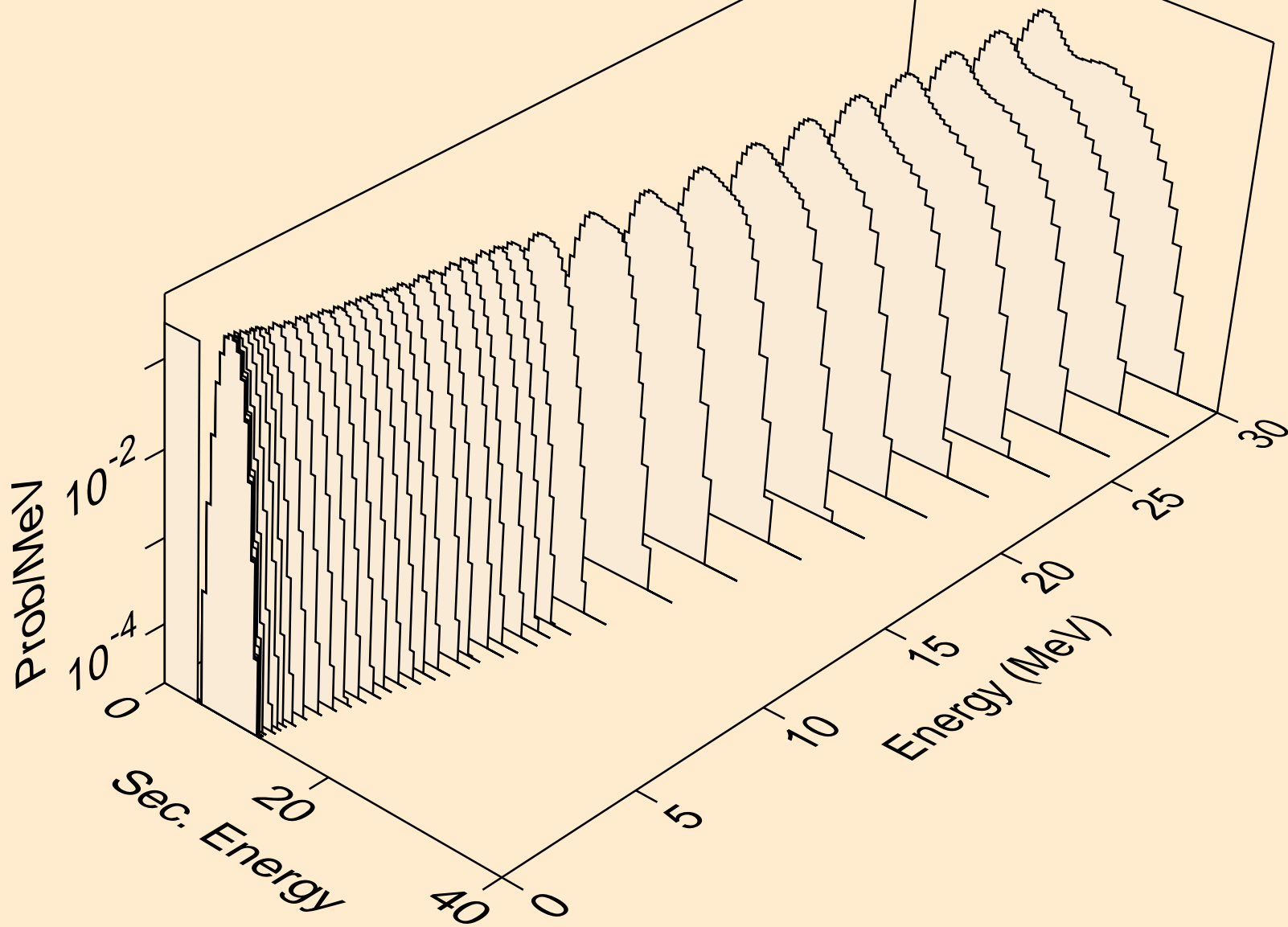
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



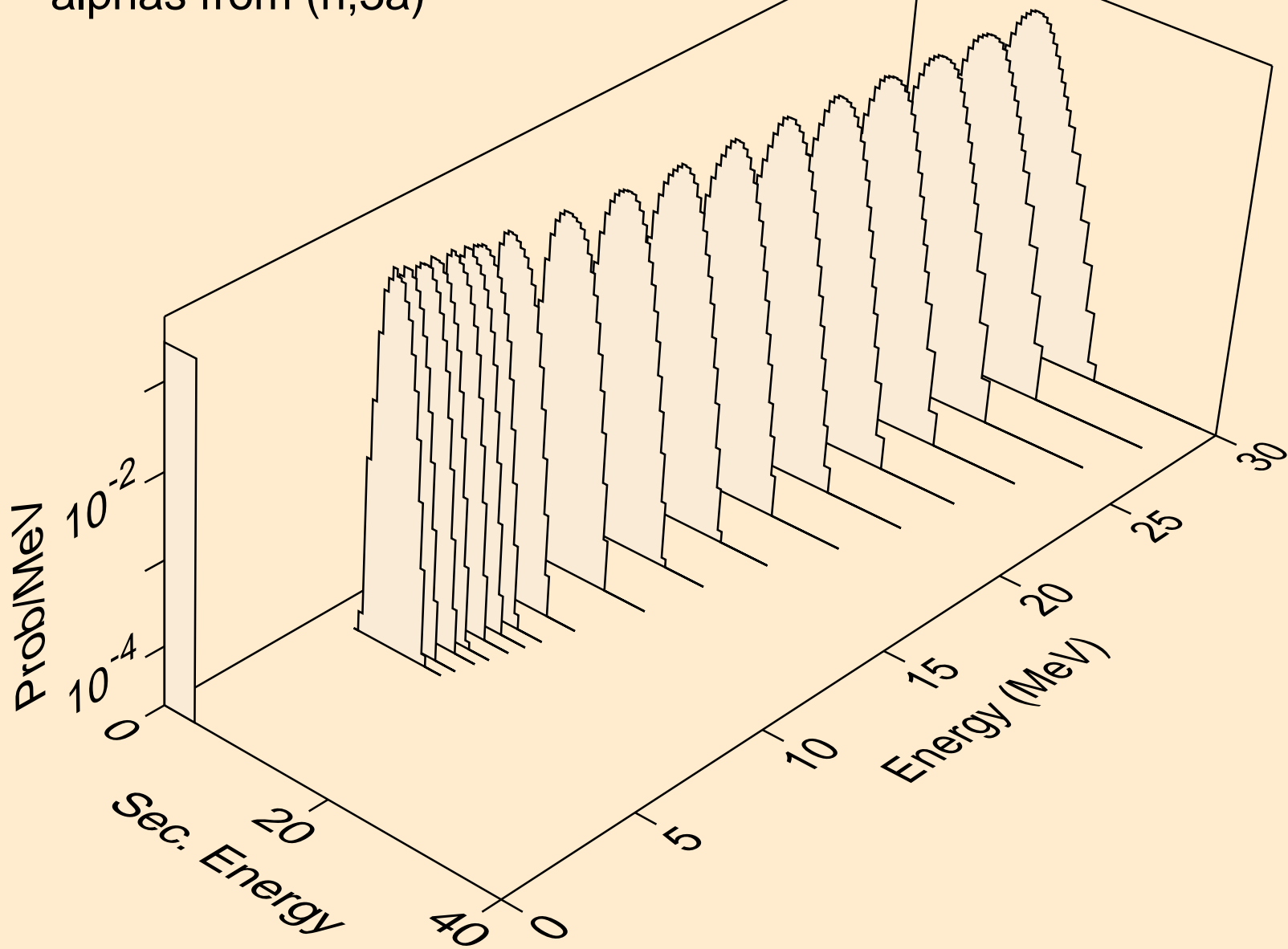
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



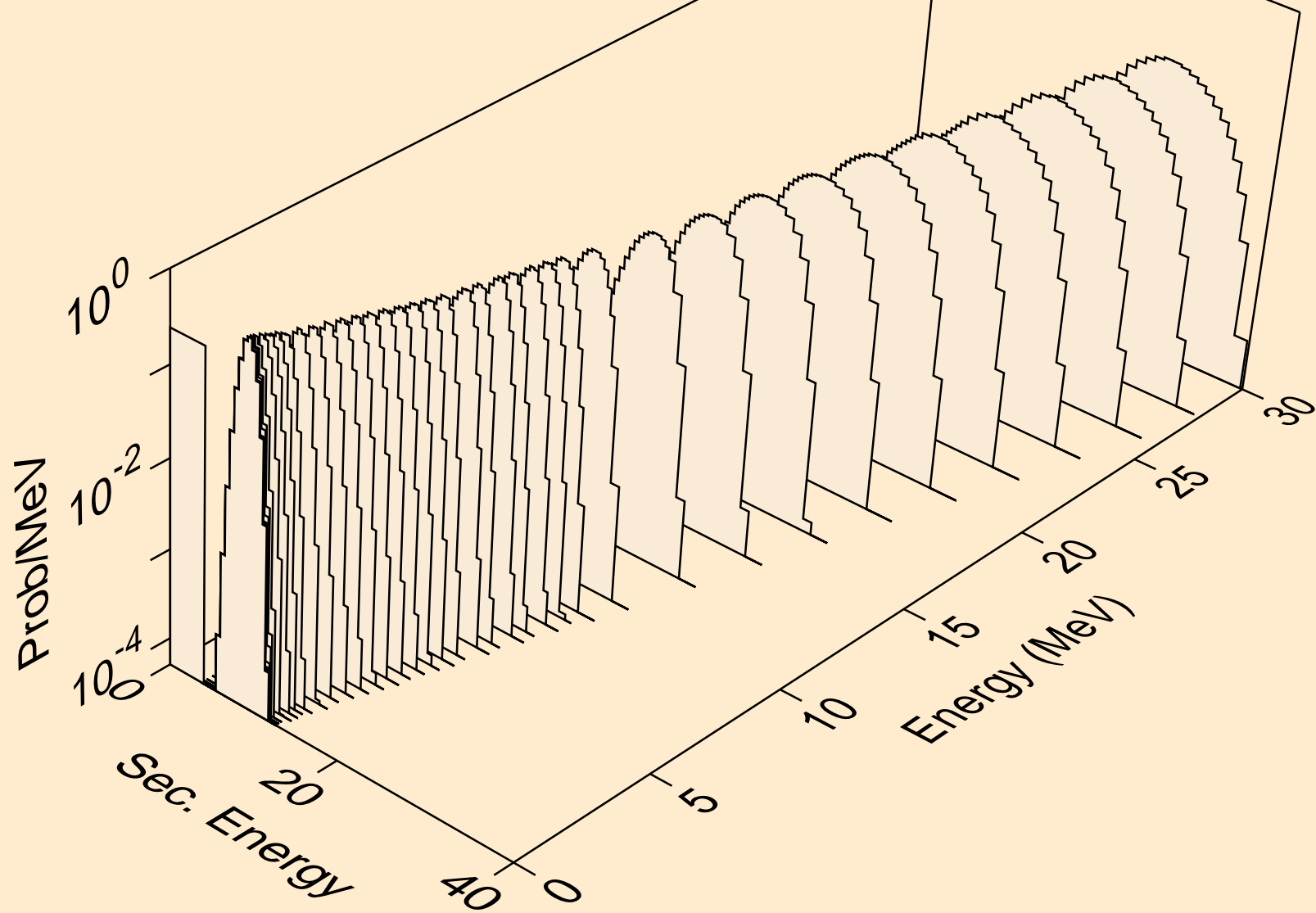
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



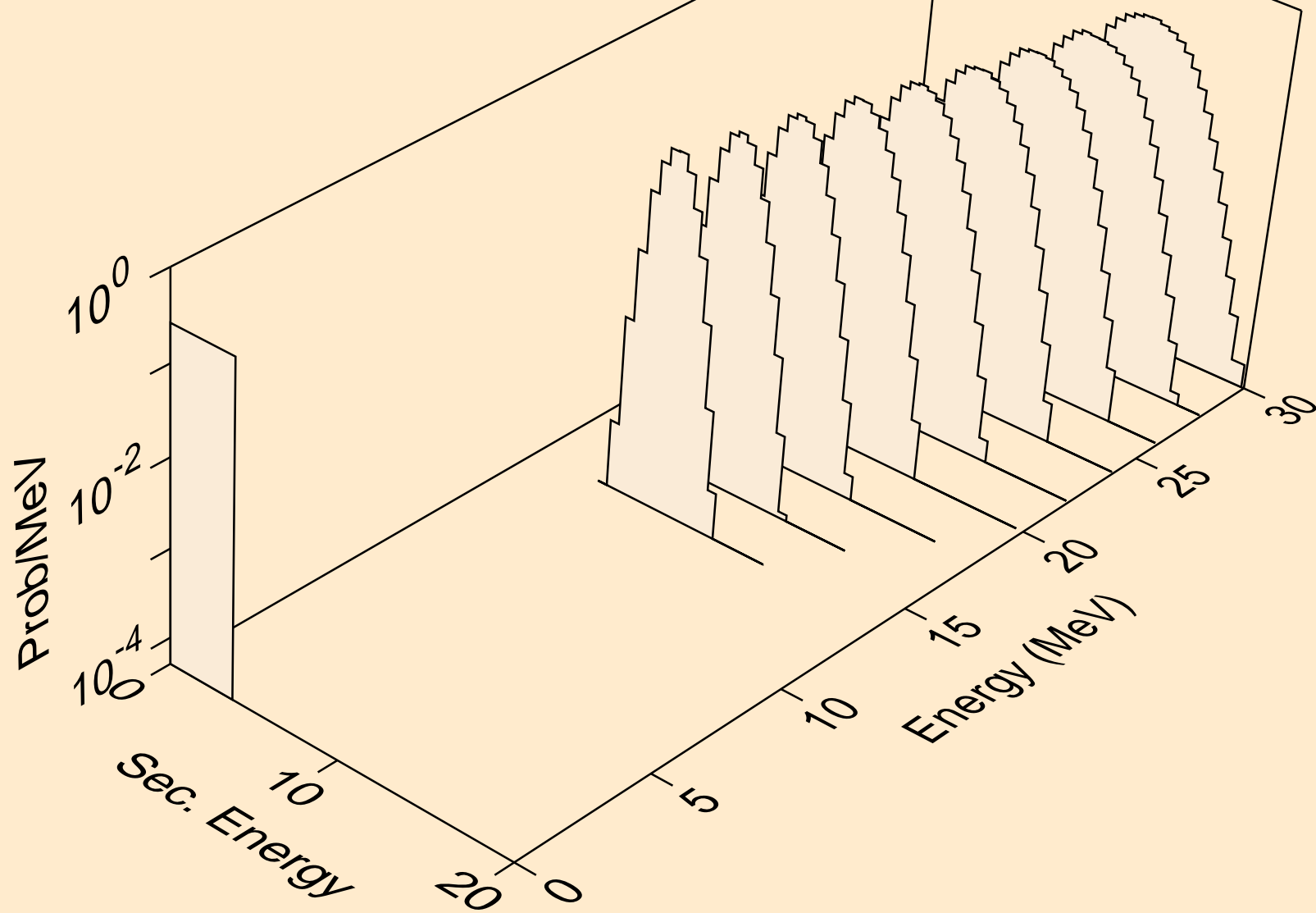
PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



PM130 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

