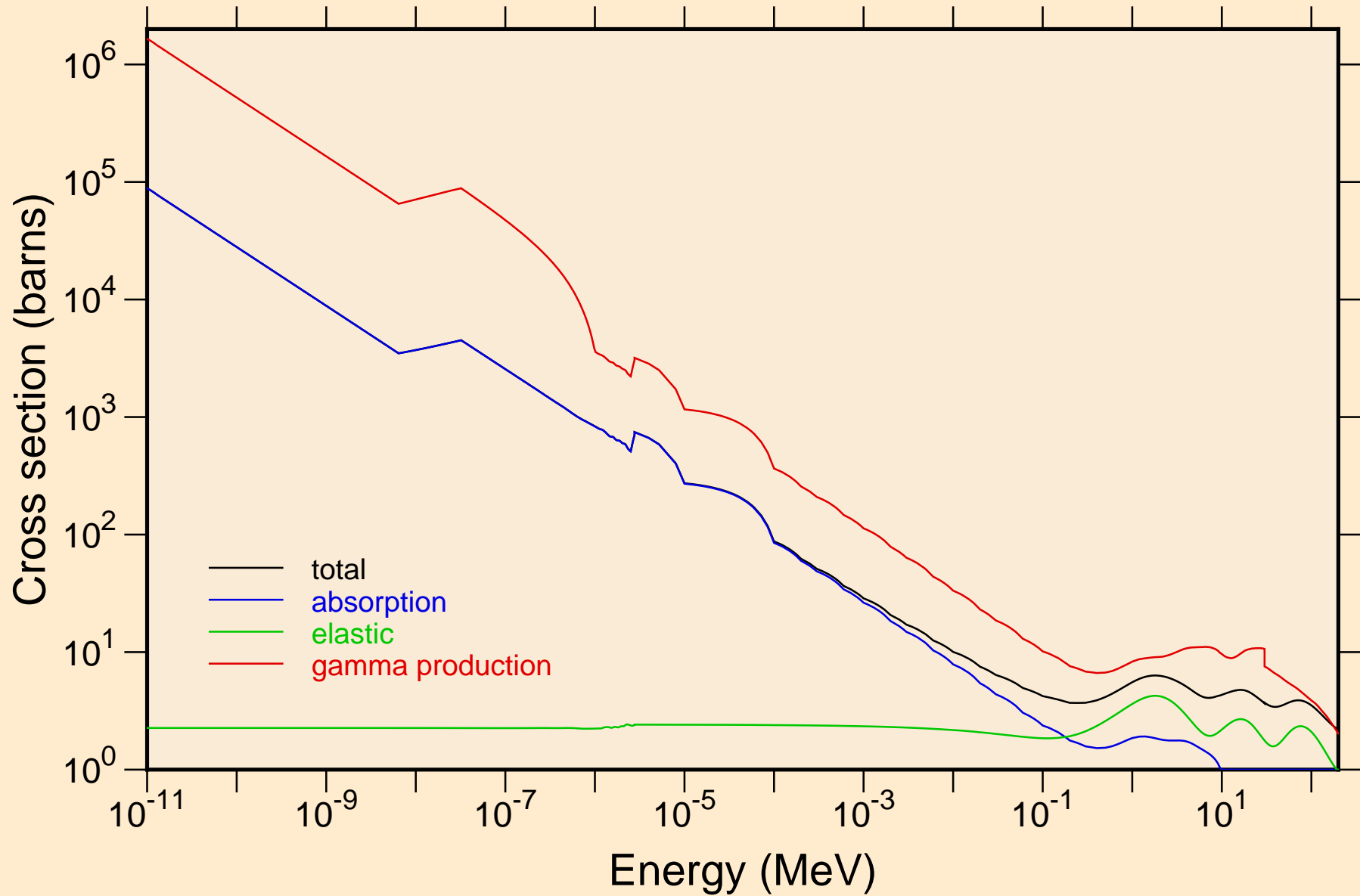


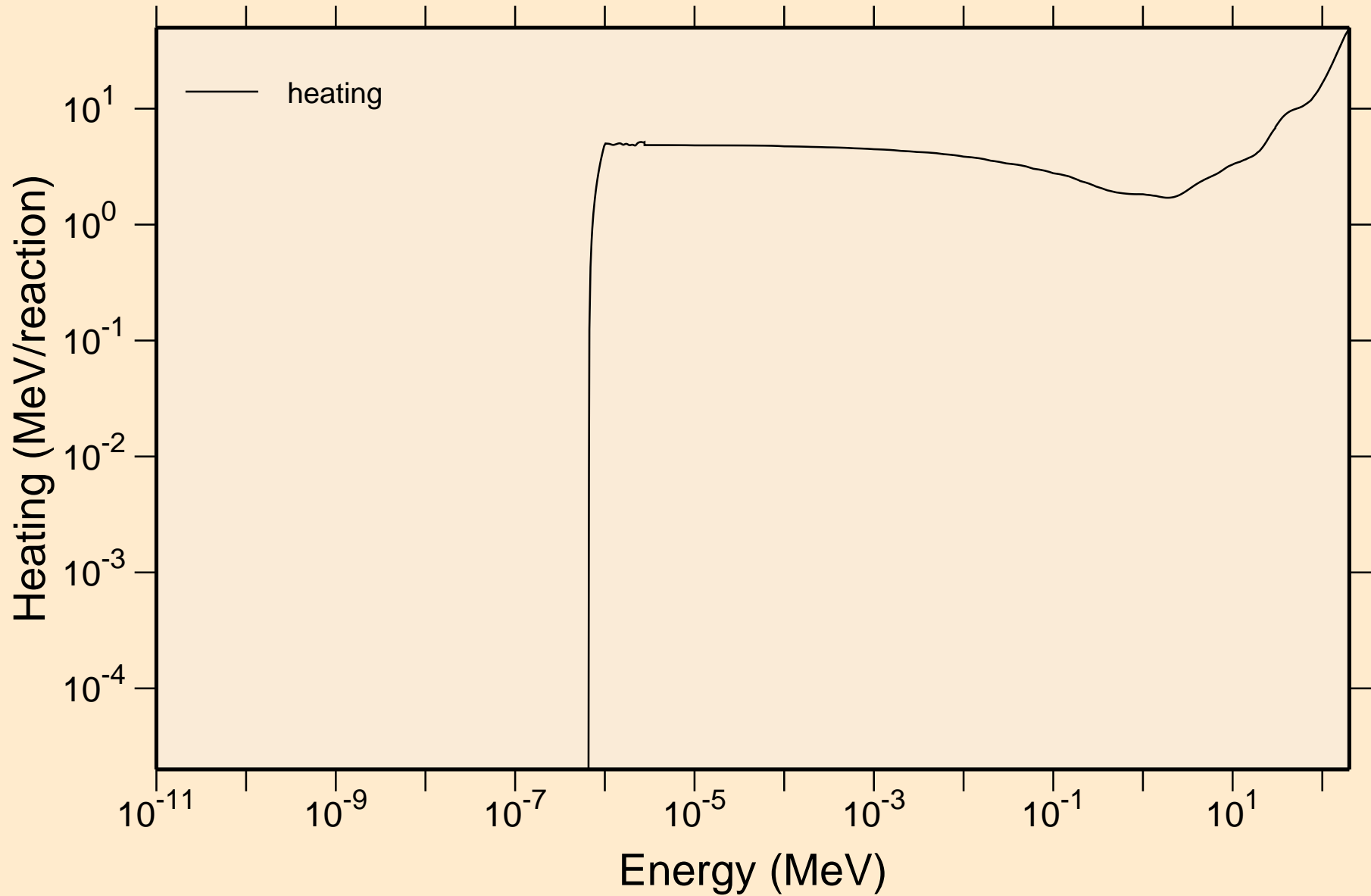
# PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

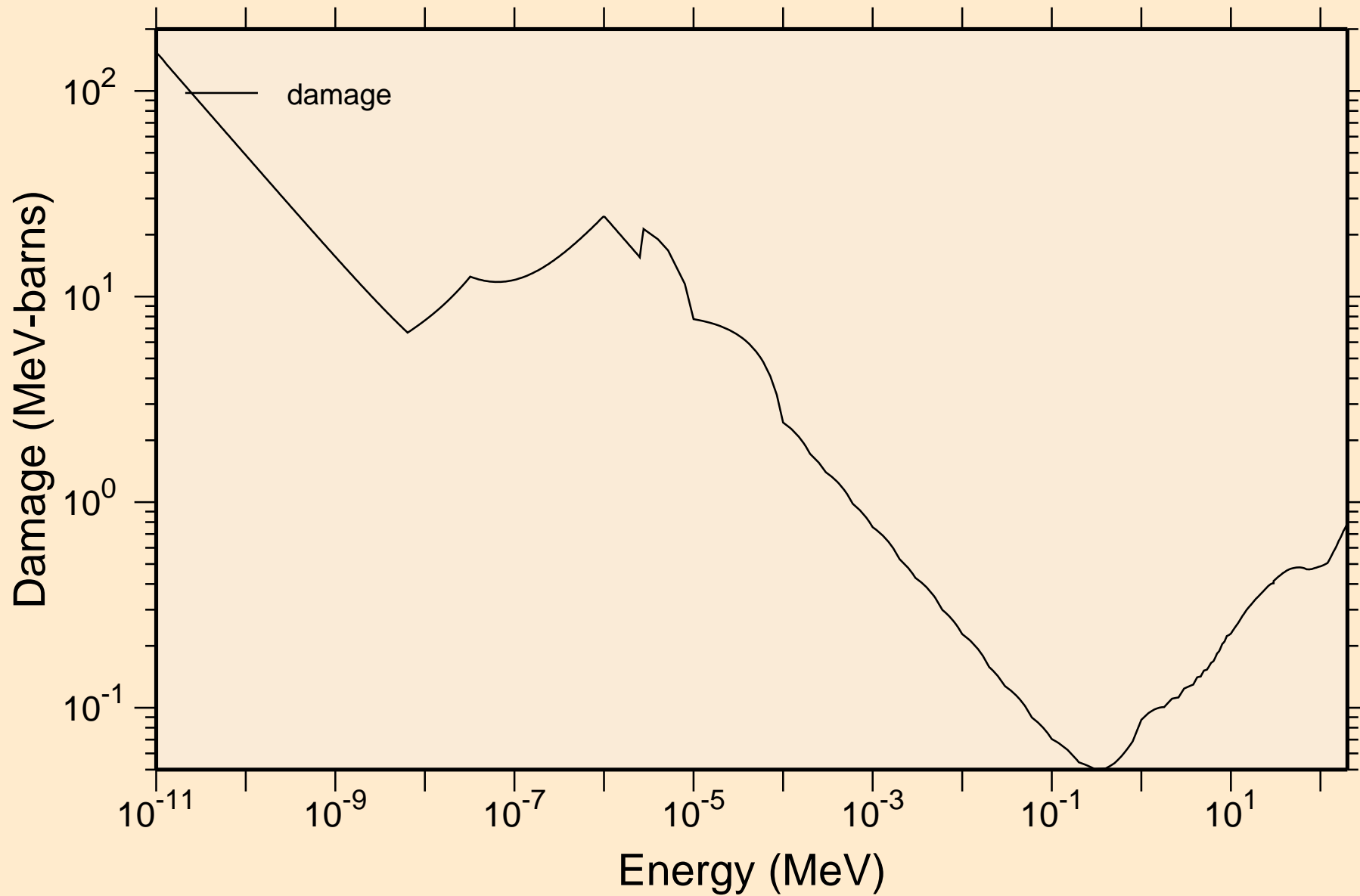


# PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

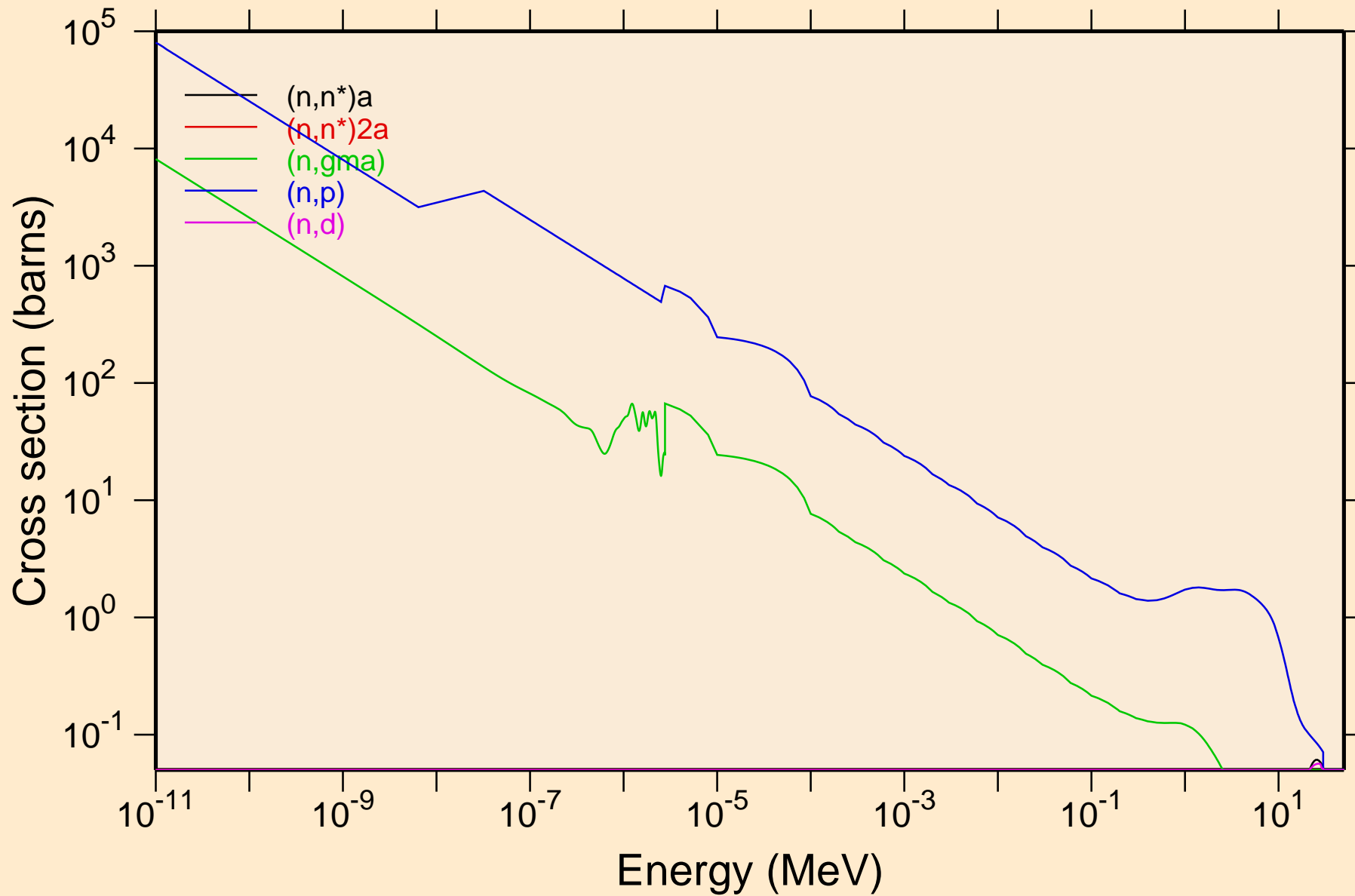


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

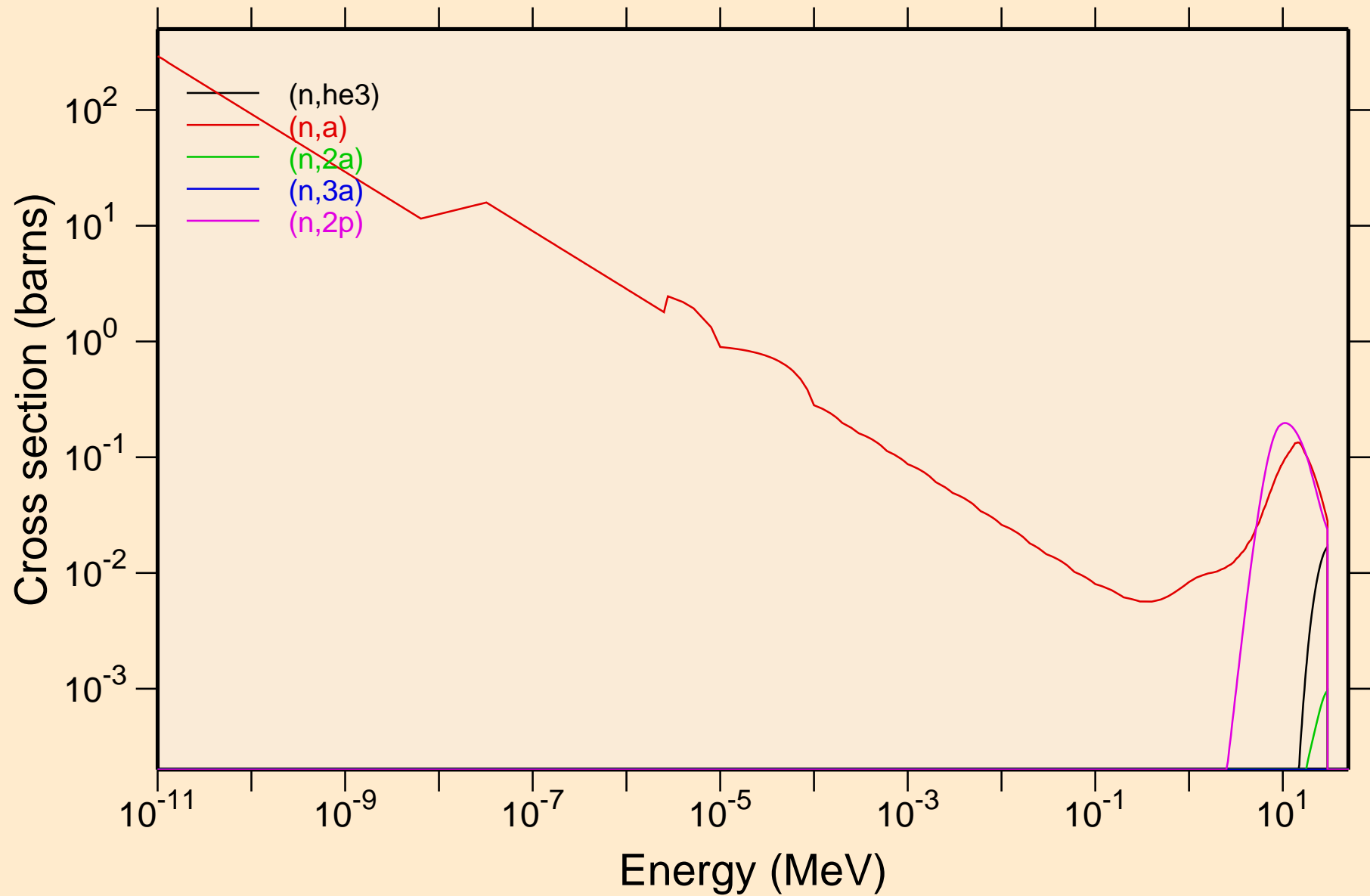


# PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

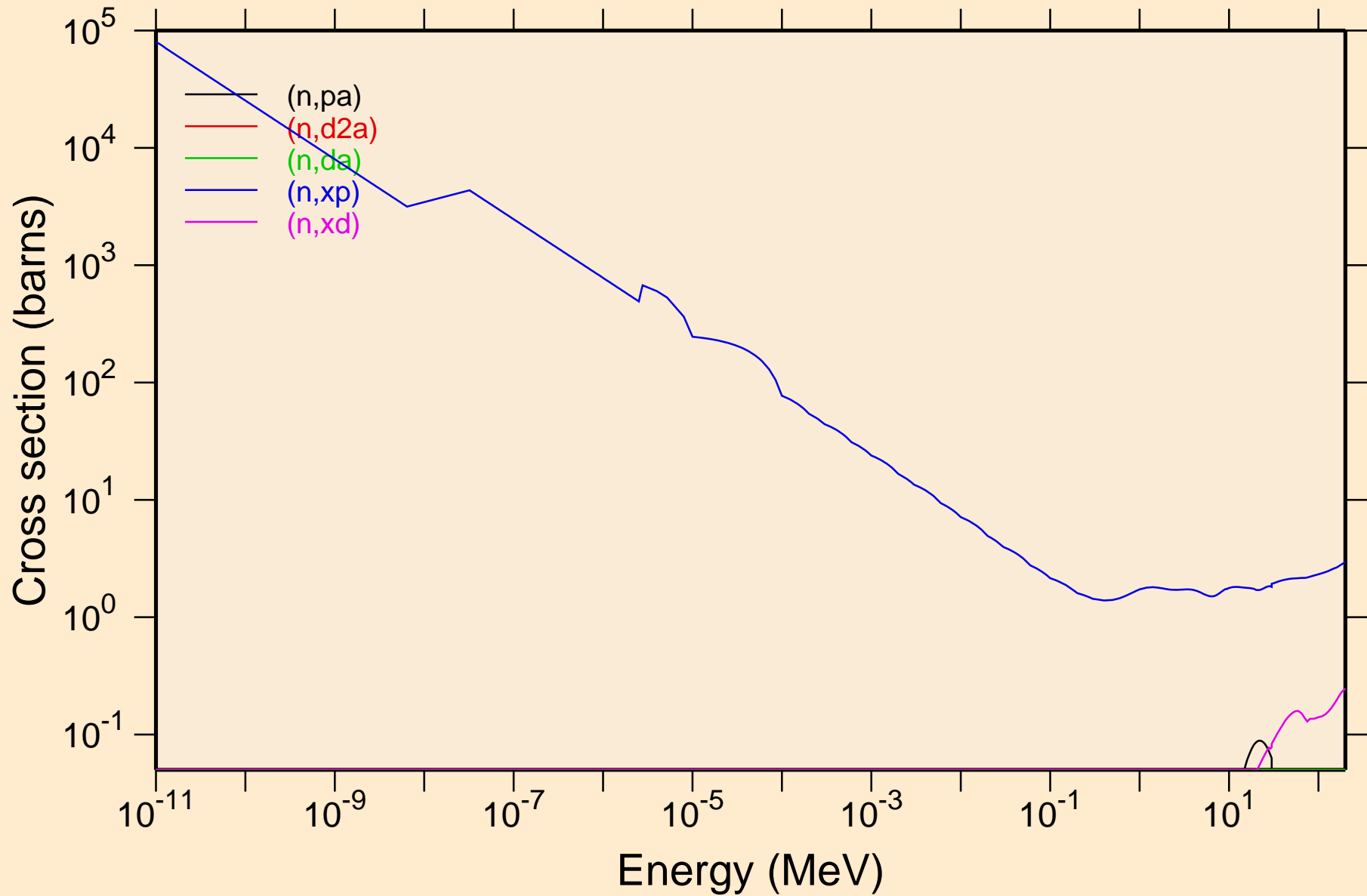


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

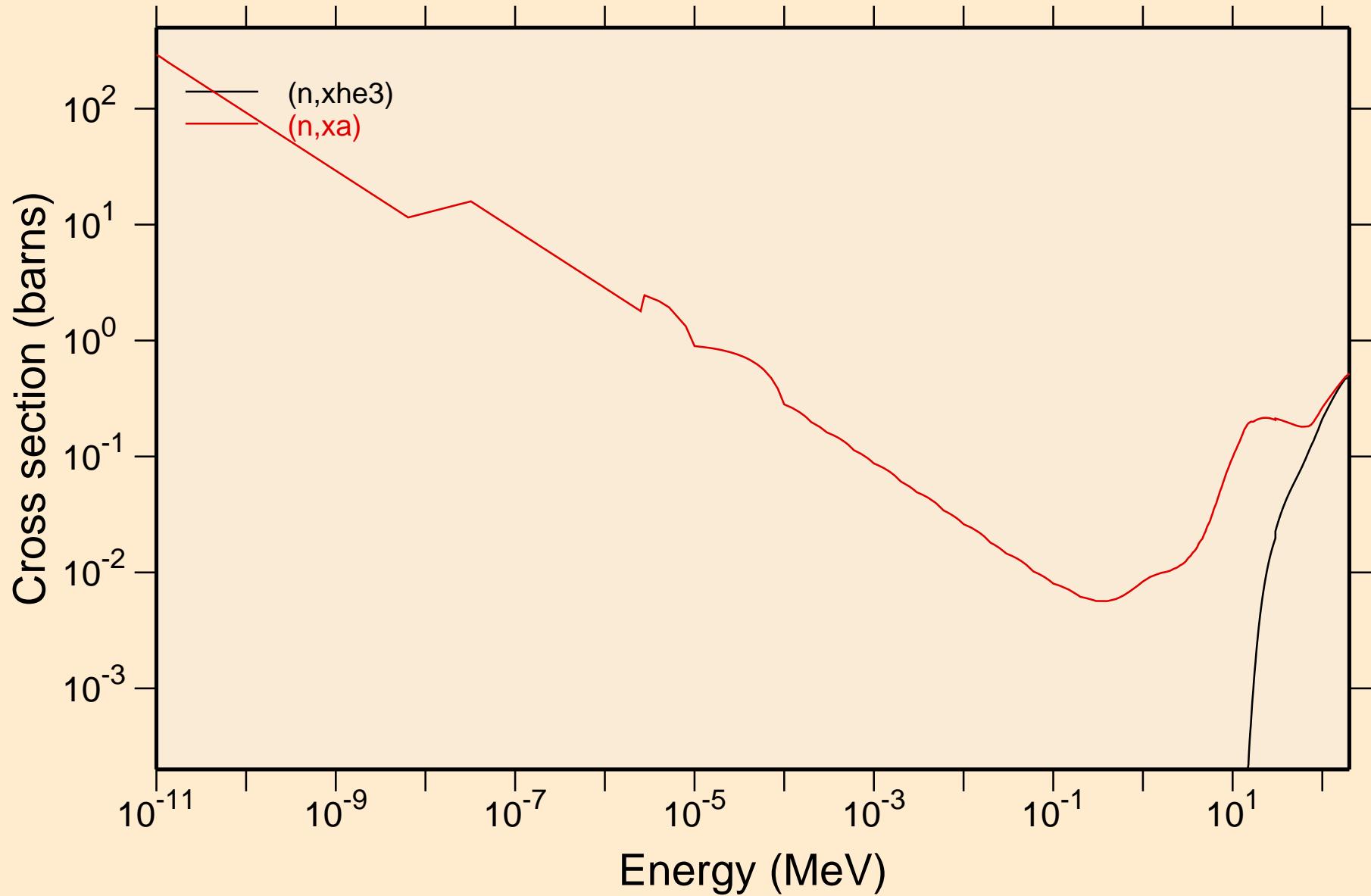


# PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

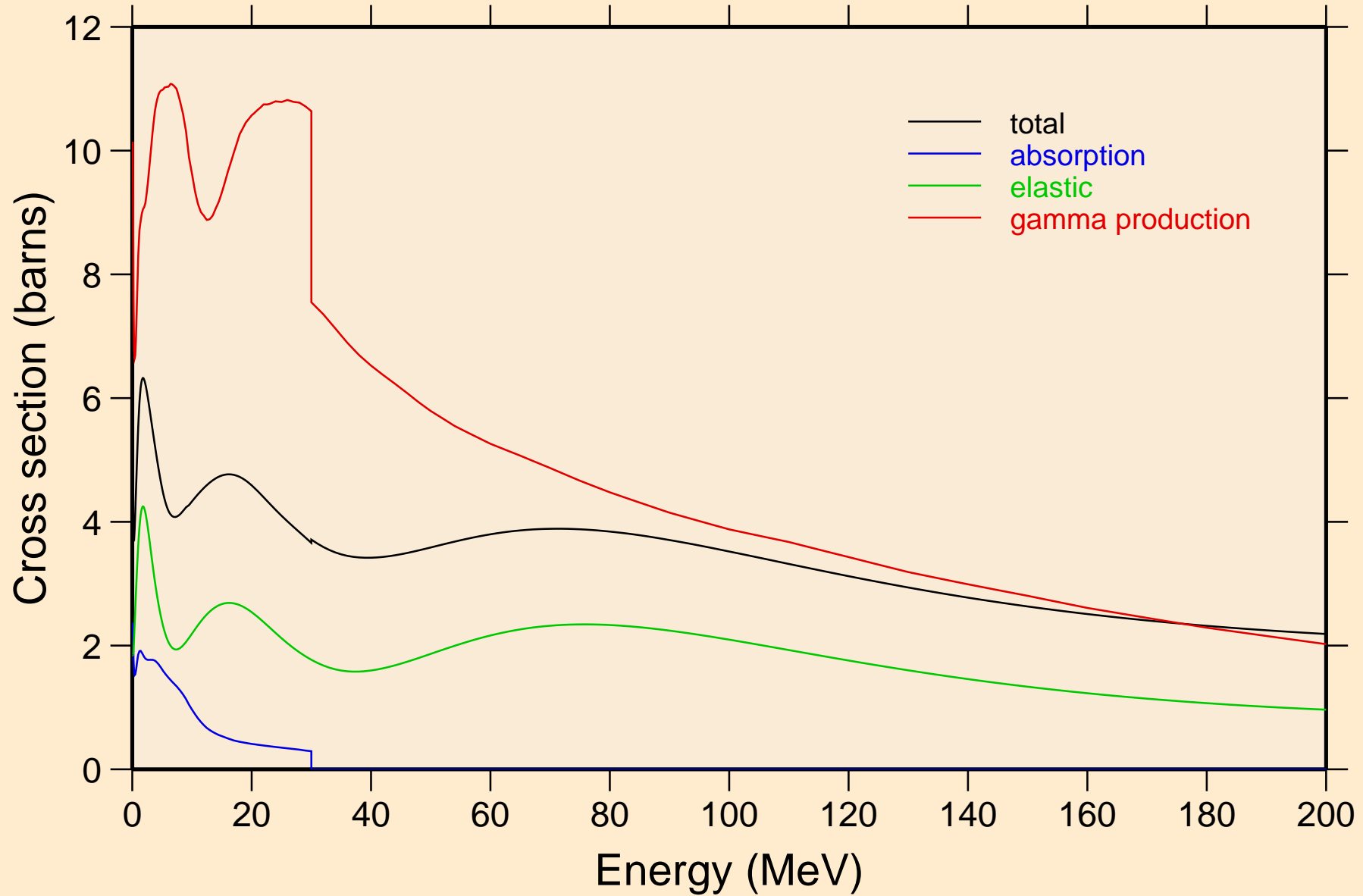


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



# PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

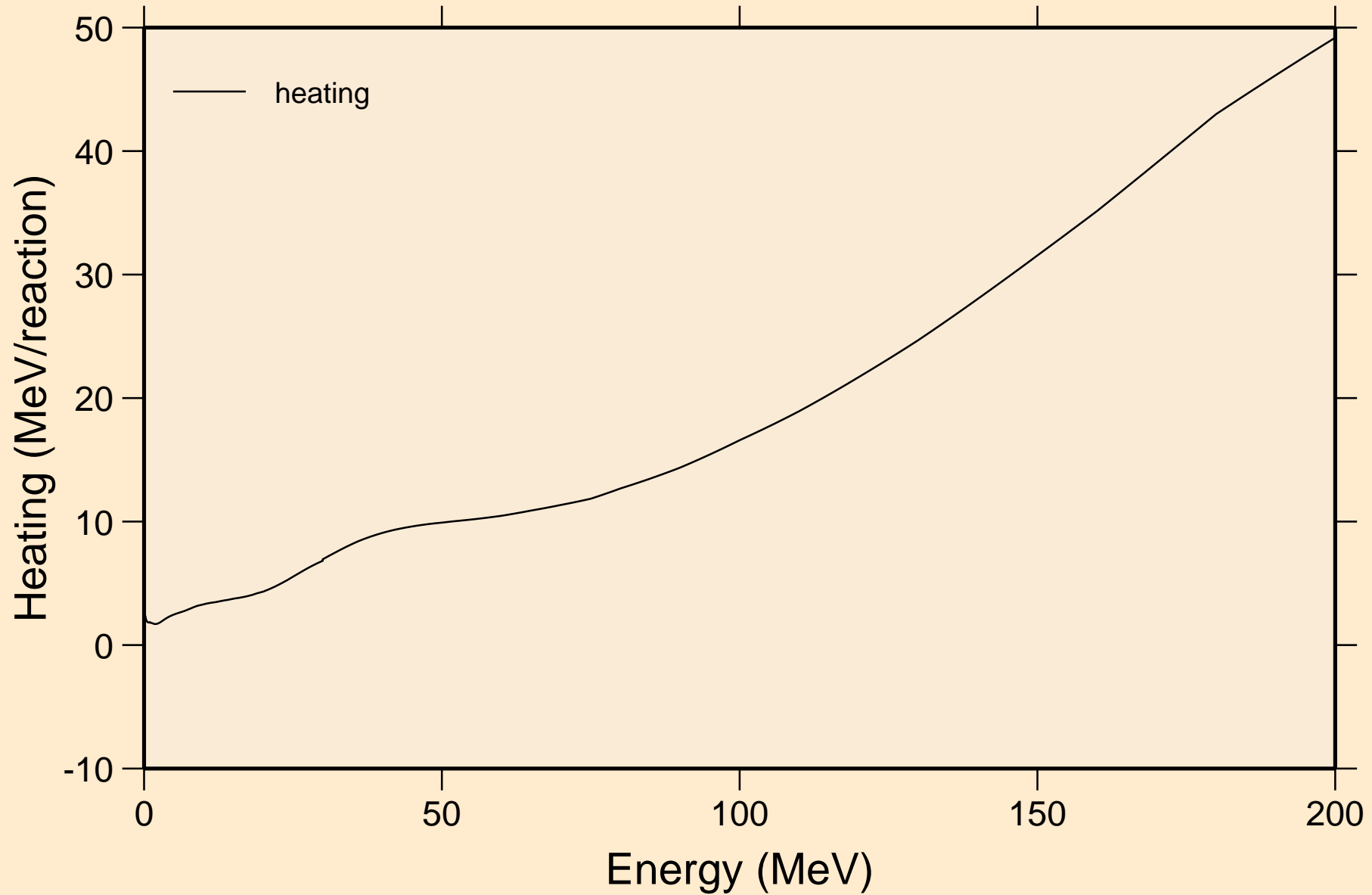
## Principal cross sections





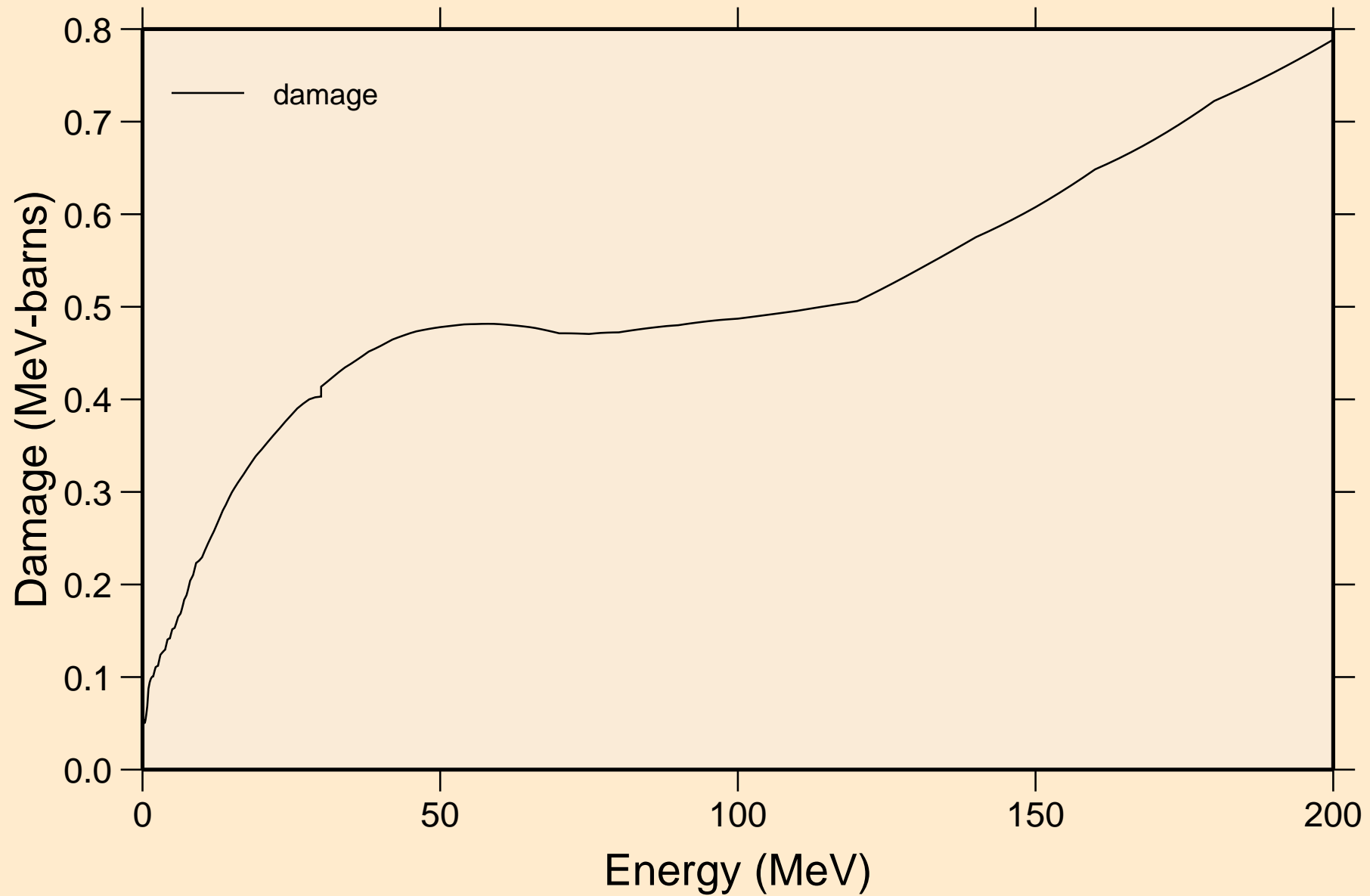
# PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

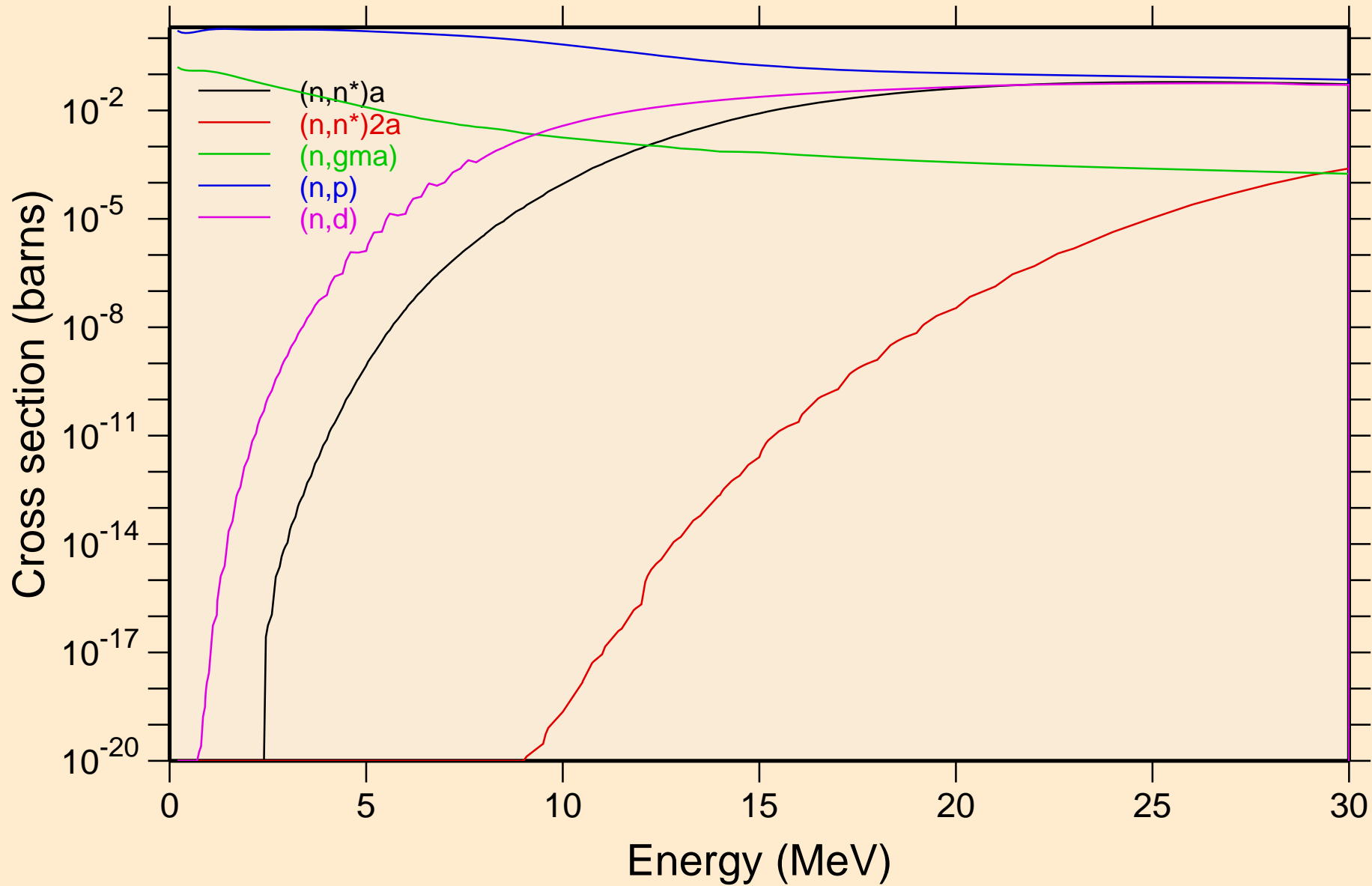


# PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

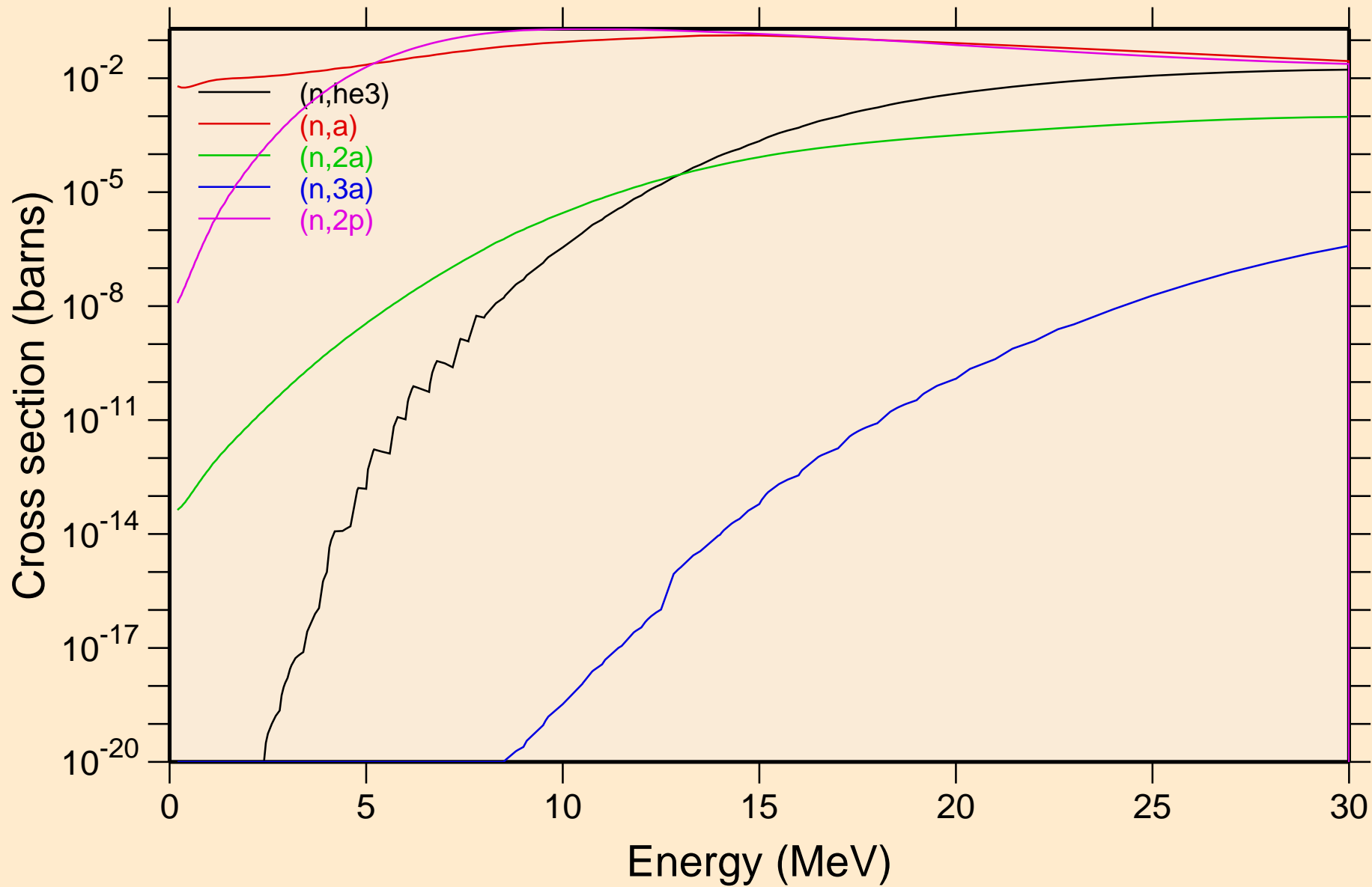
## Damage



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

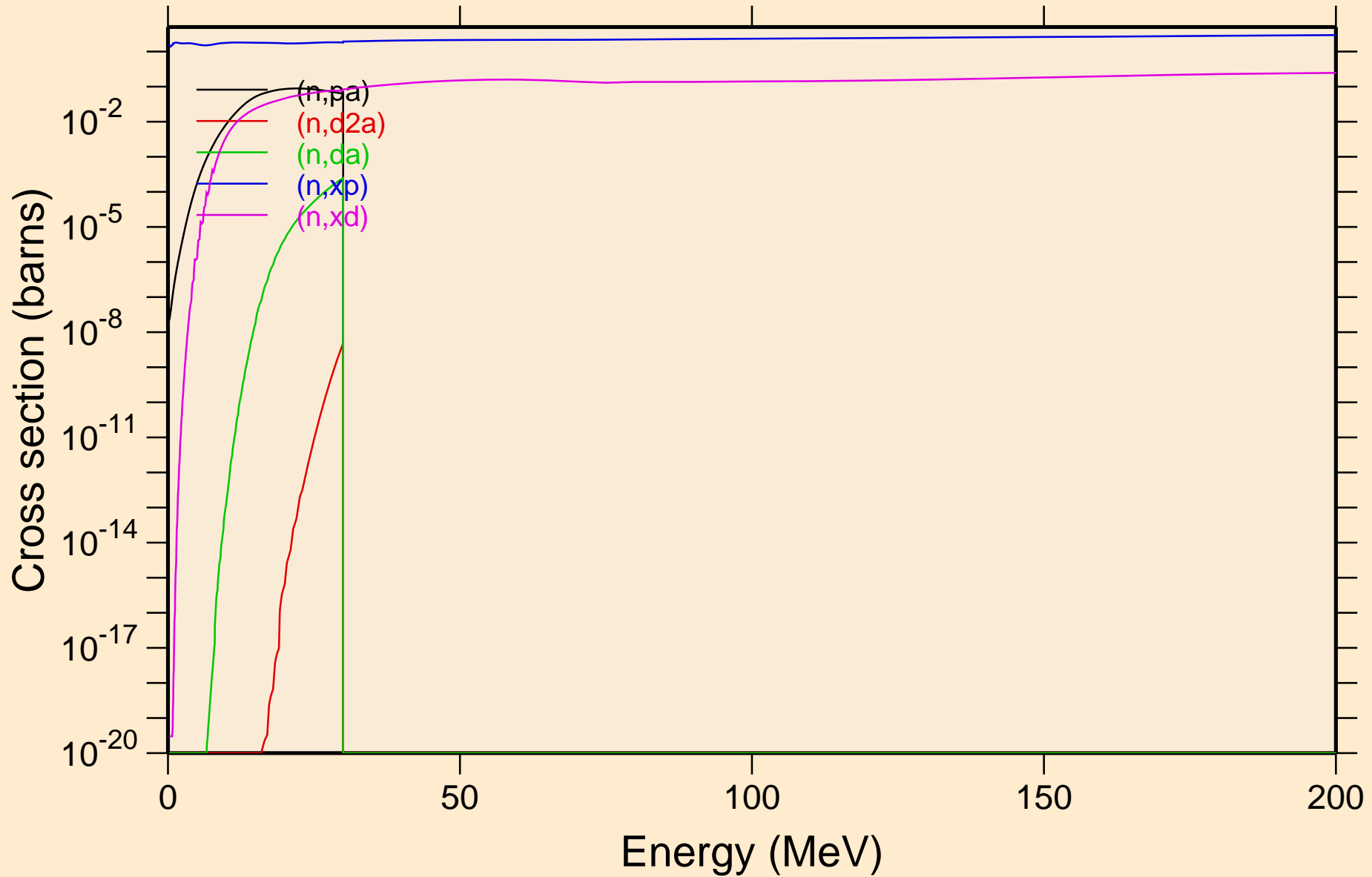


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

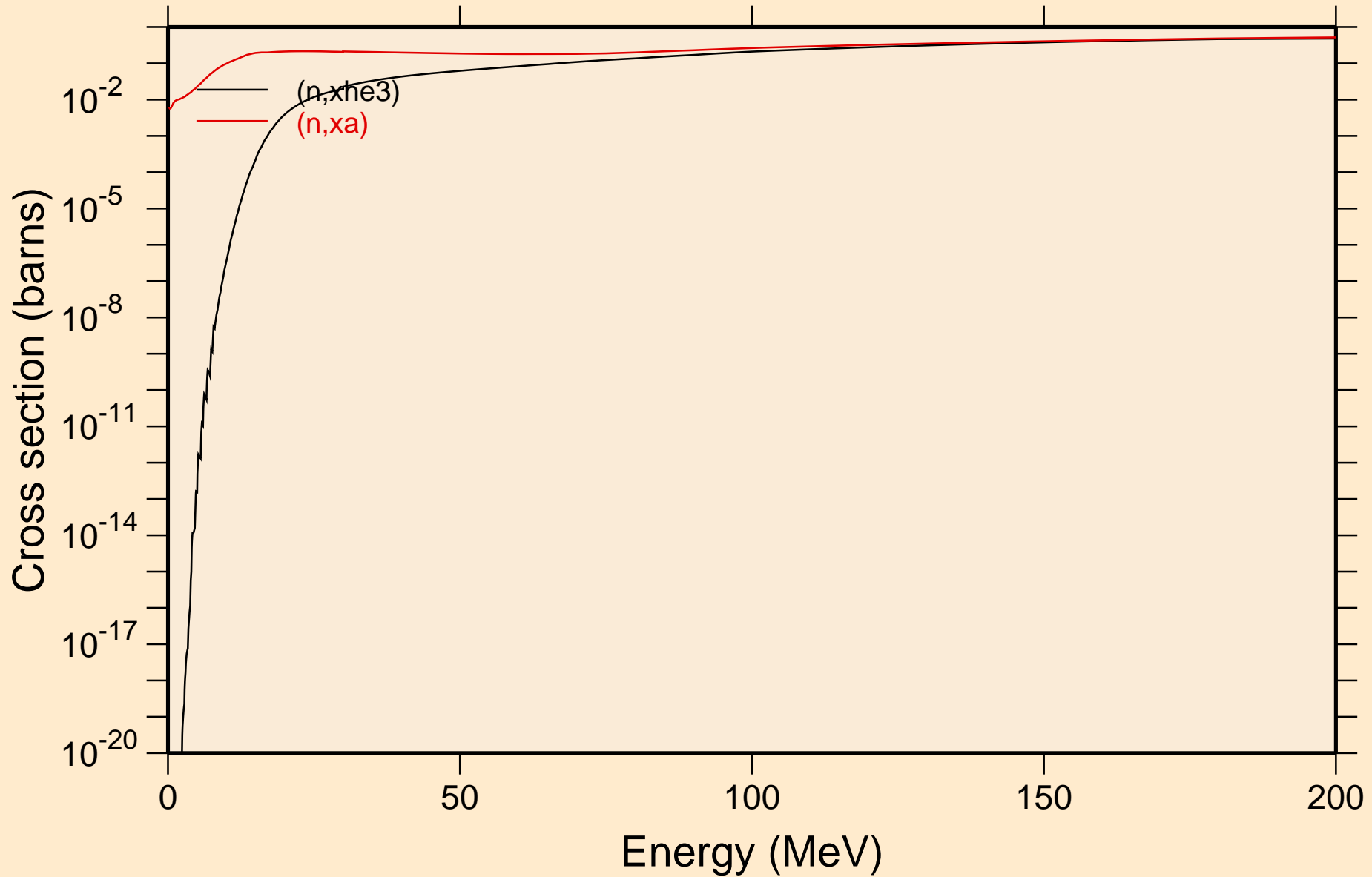


# PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

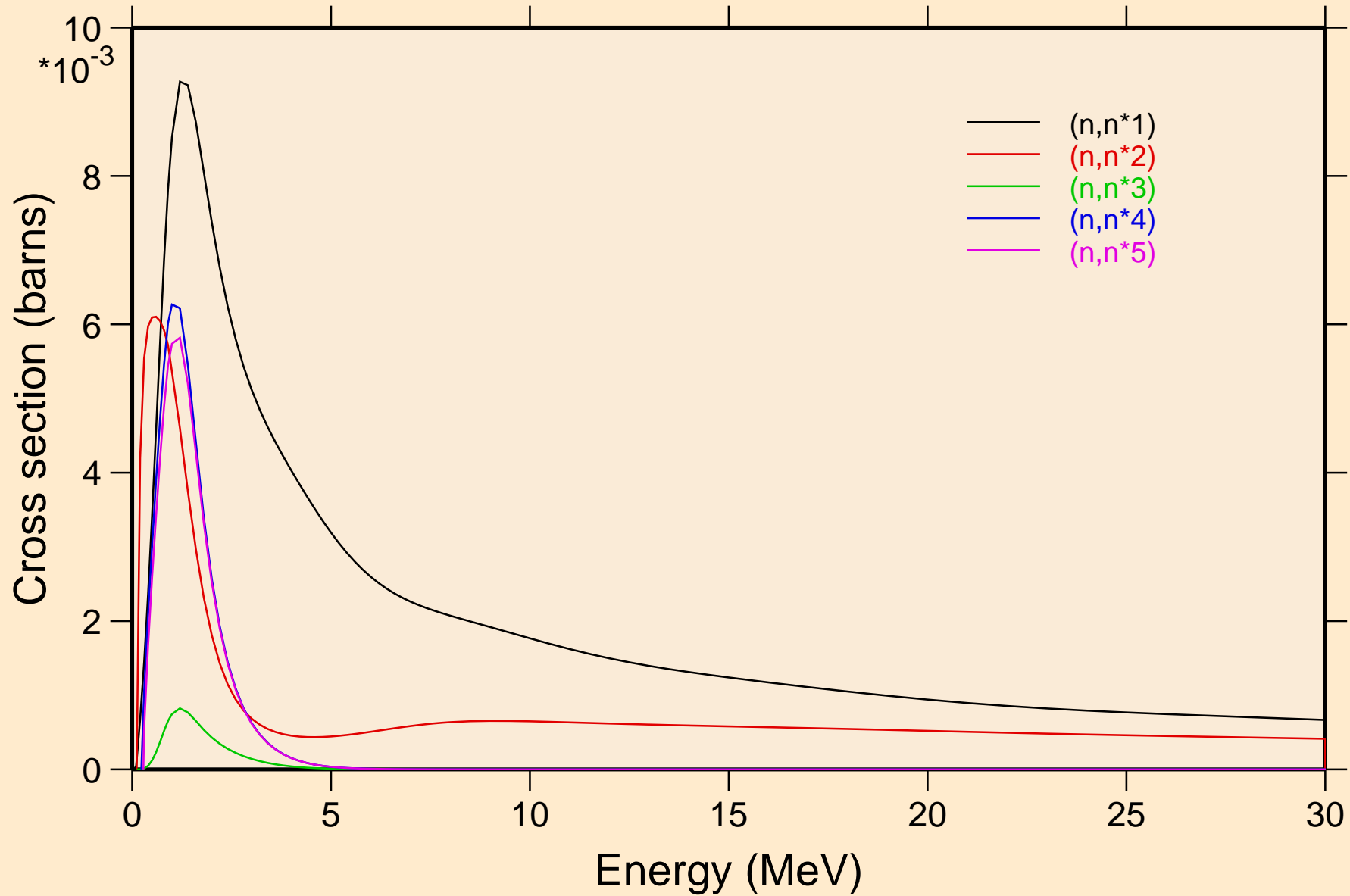
## Non-threshold reactions



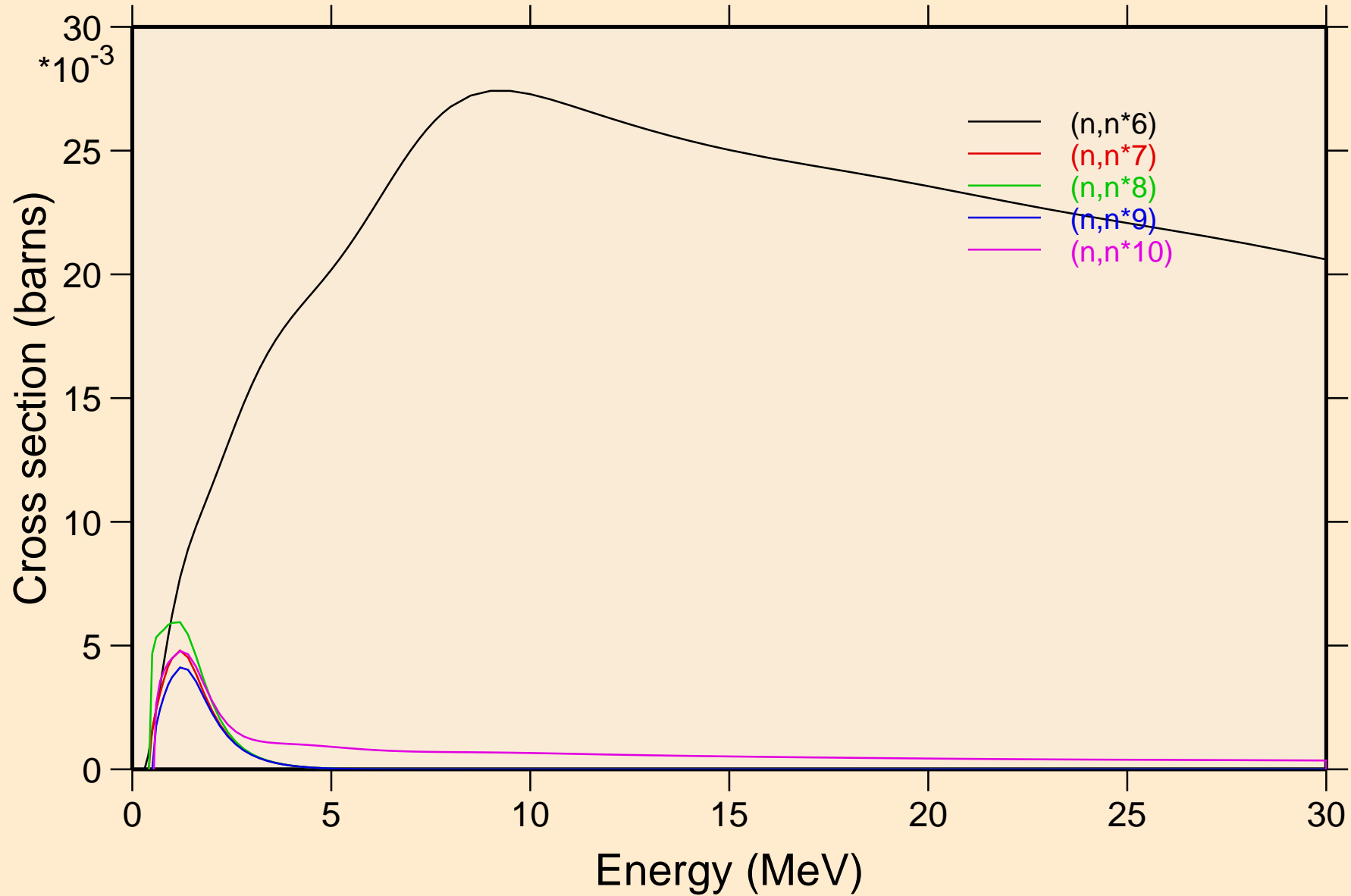
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

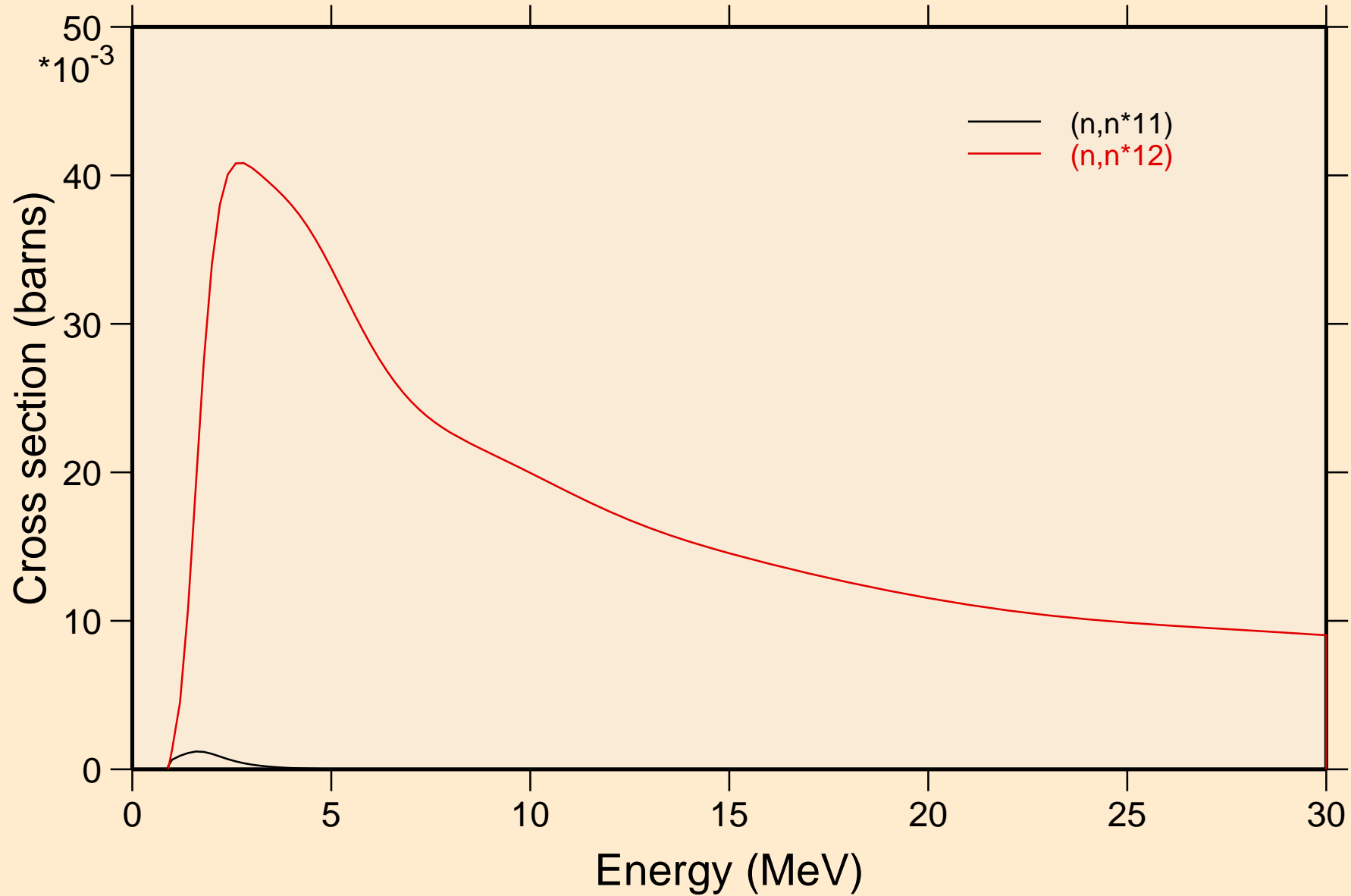


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



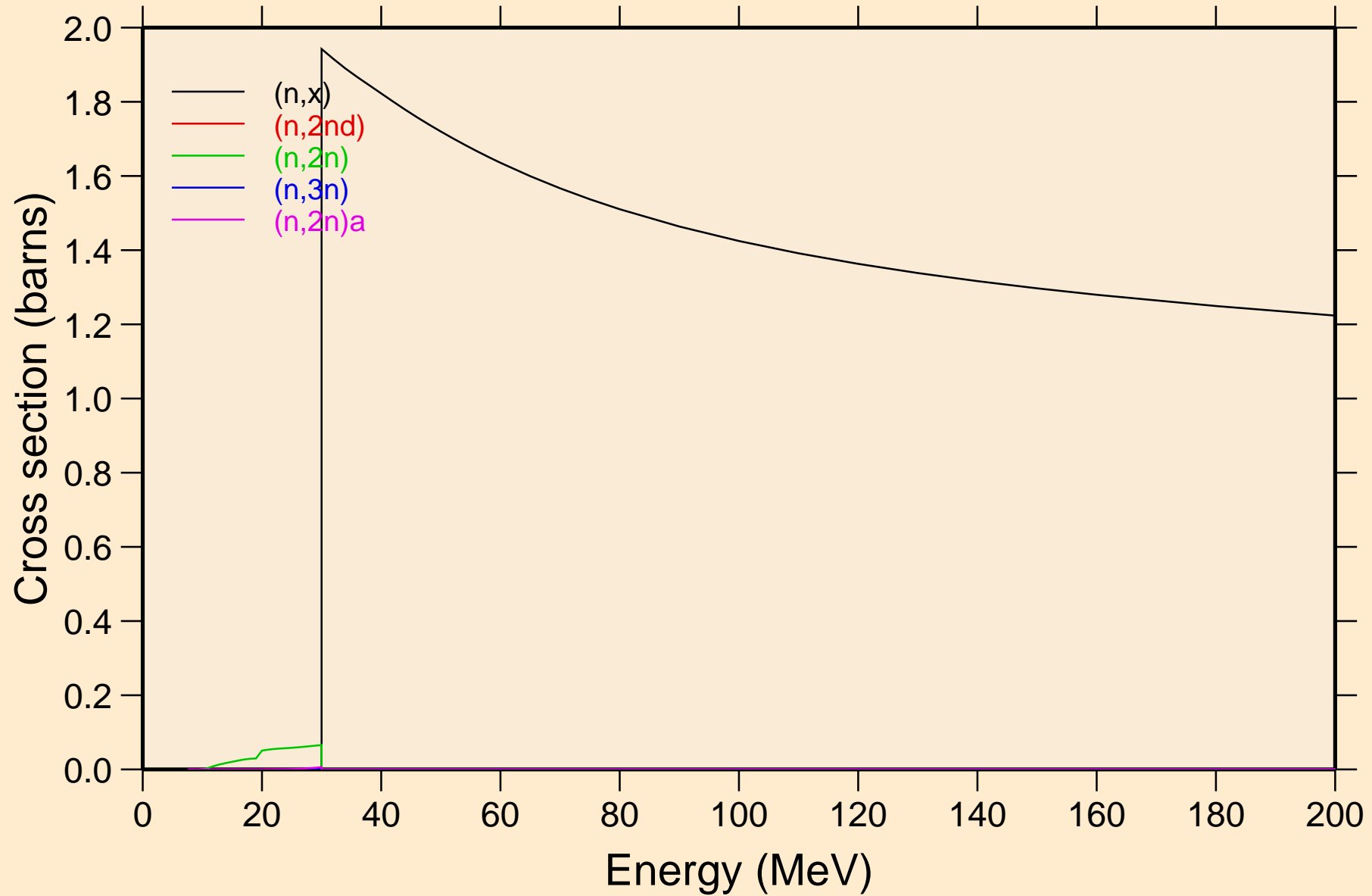


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

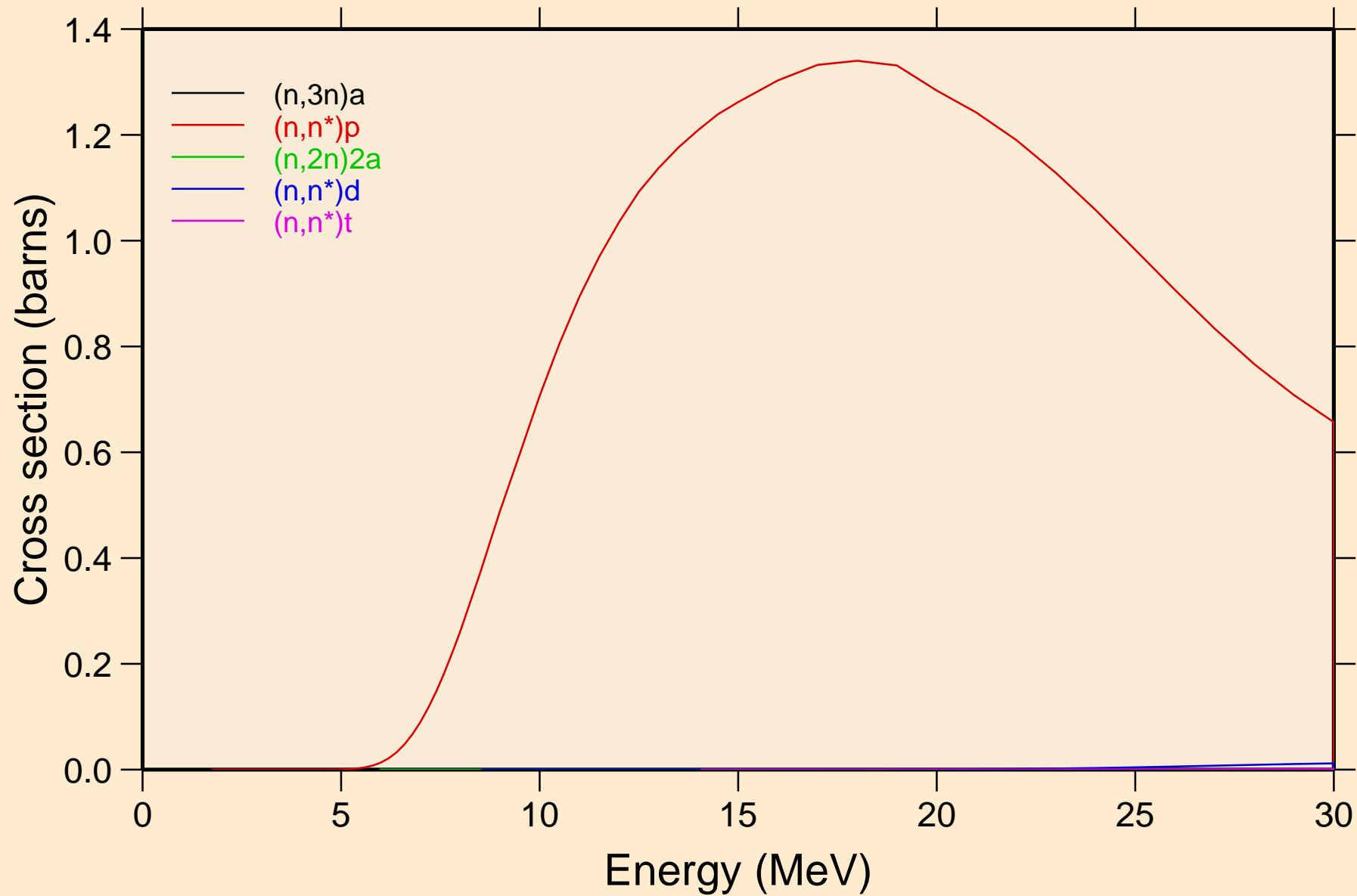


# PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

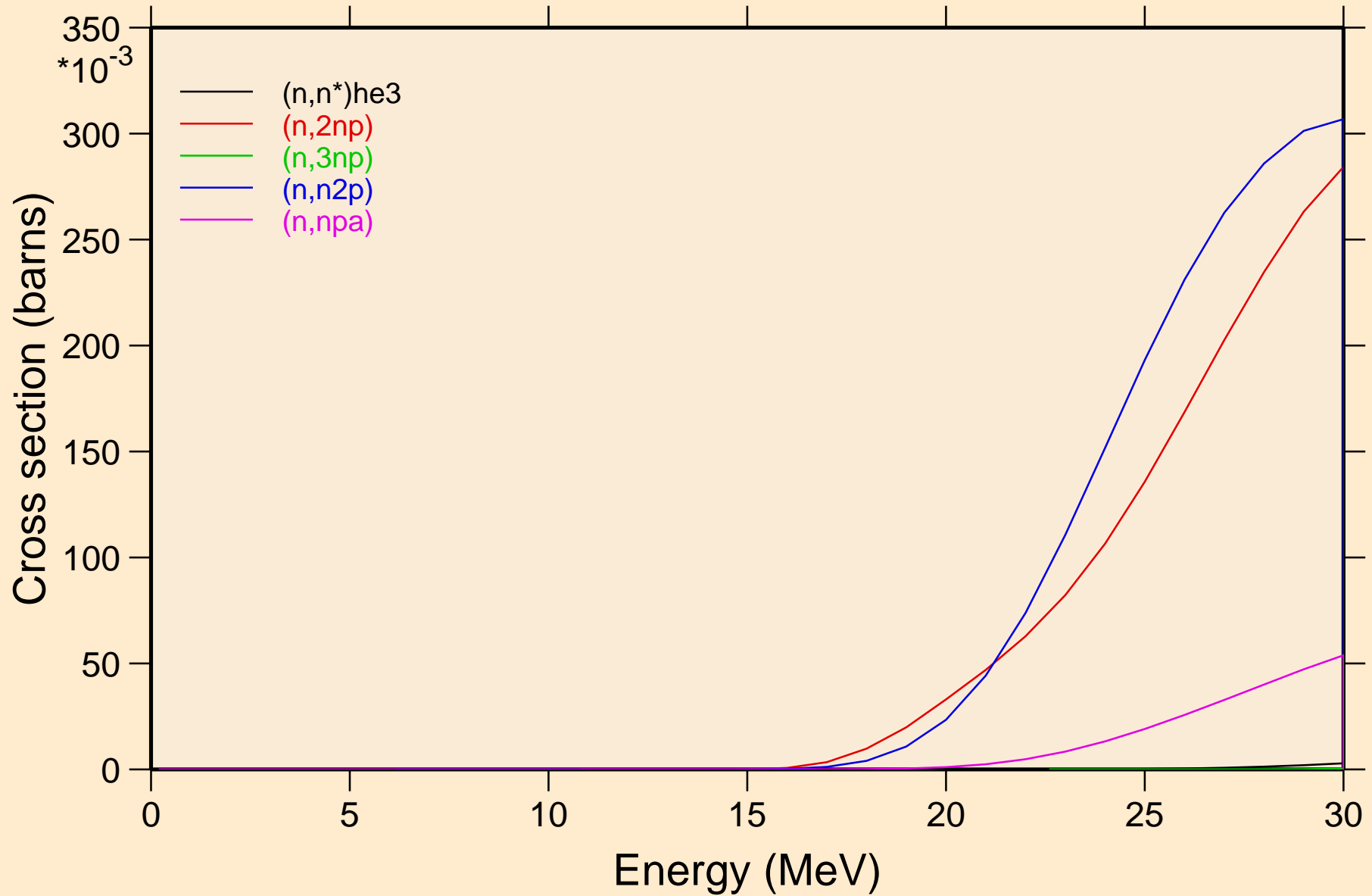


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

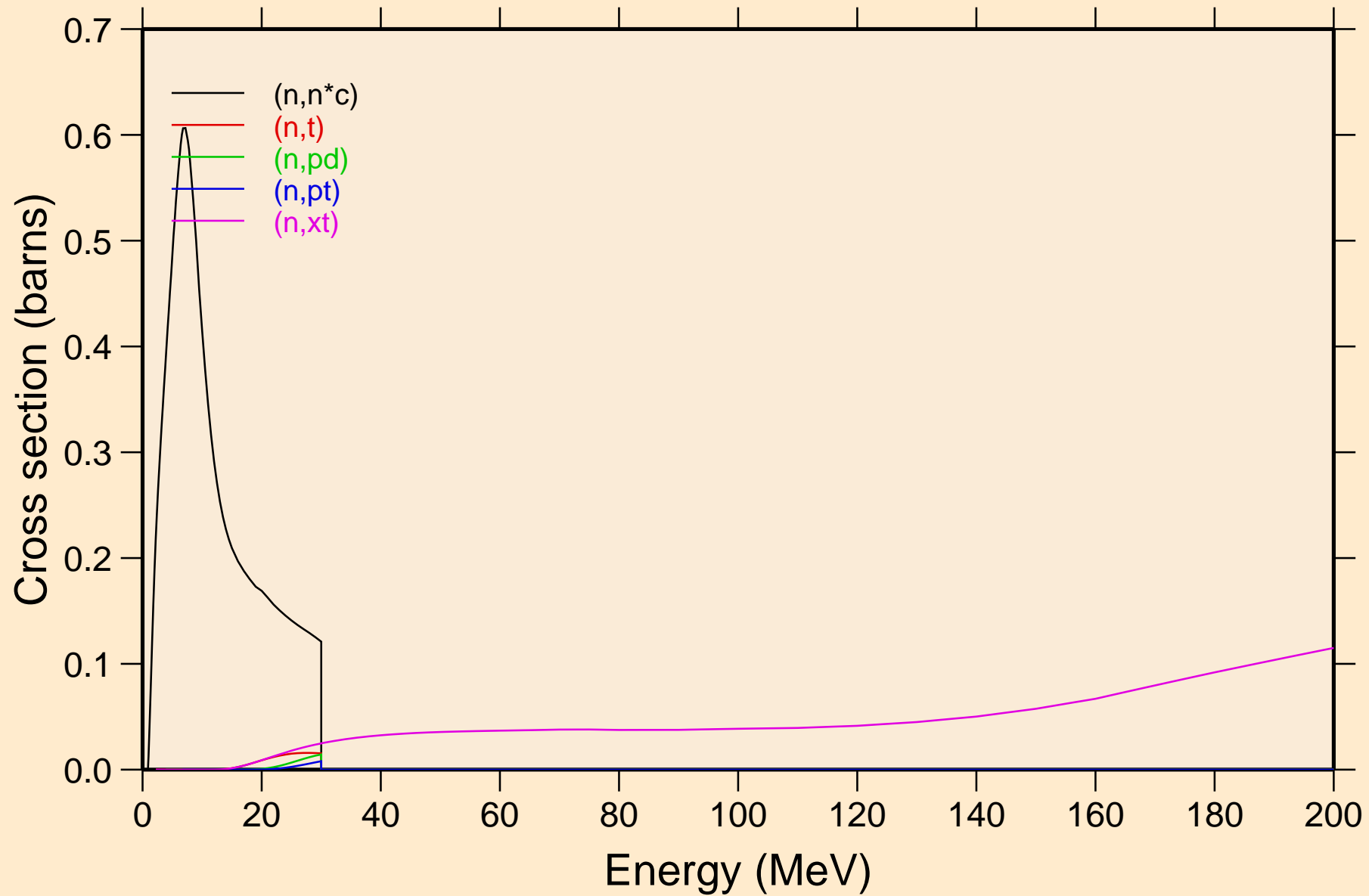


# PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

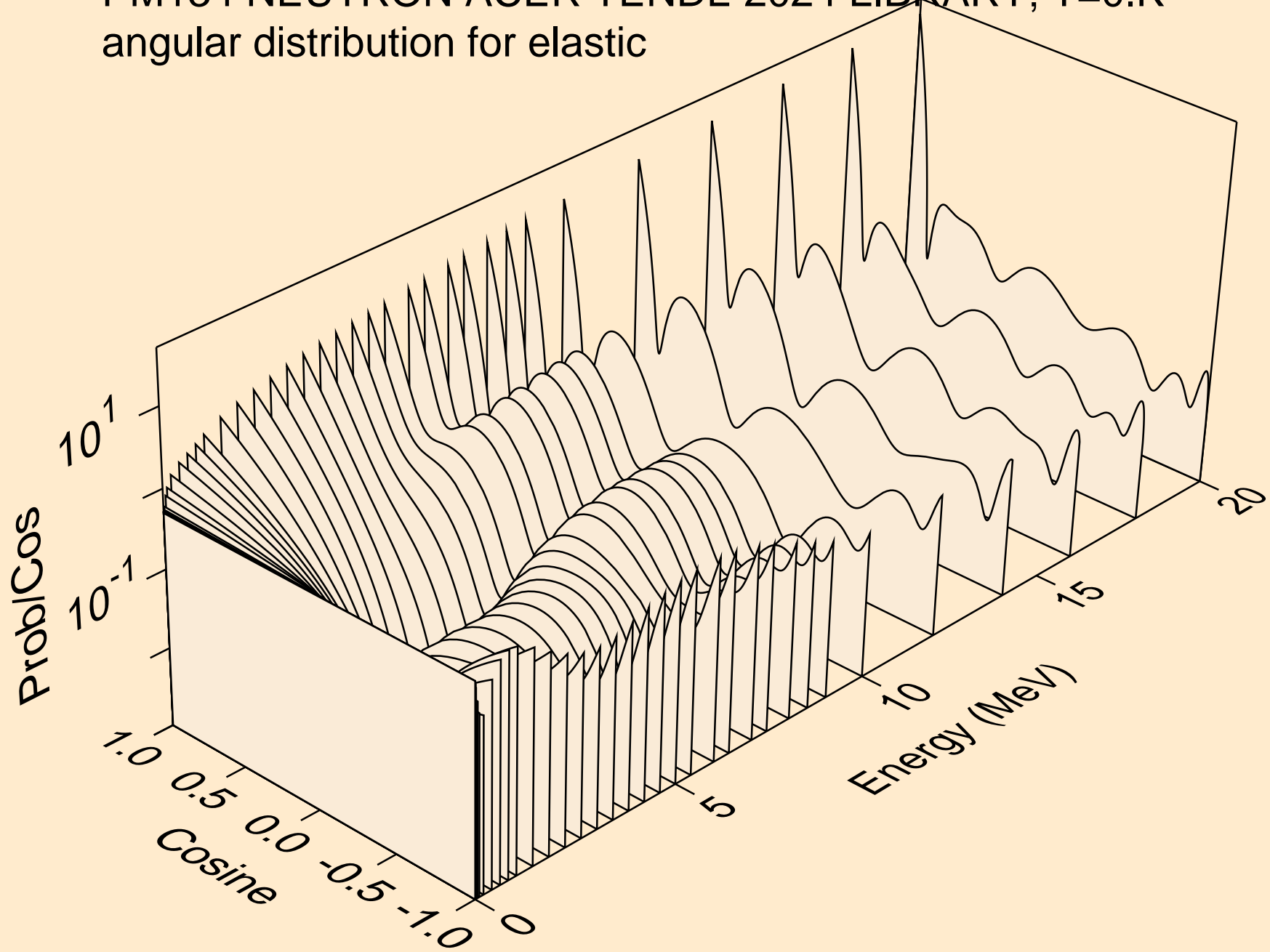
## Threshold reactions



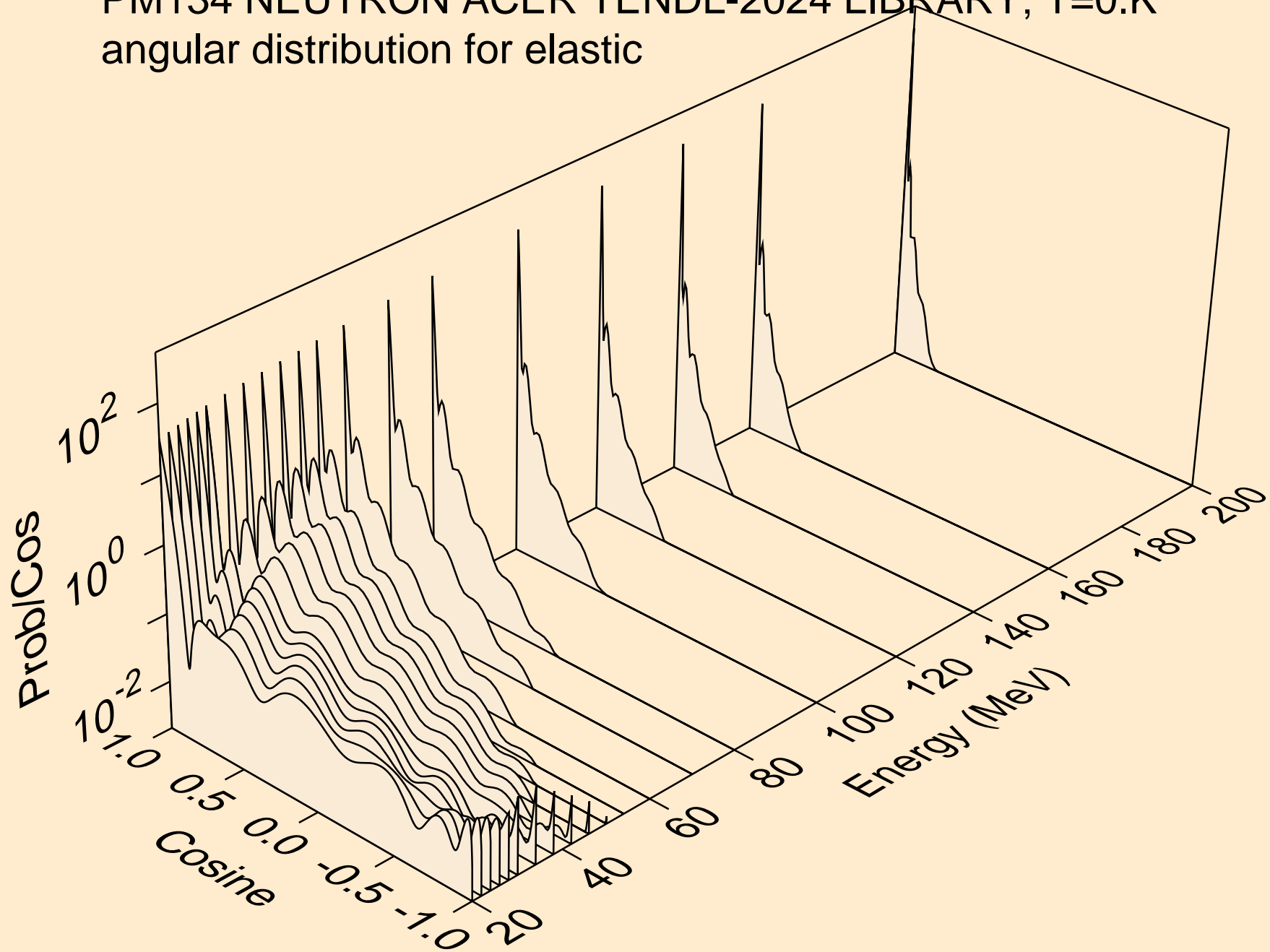
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



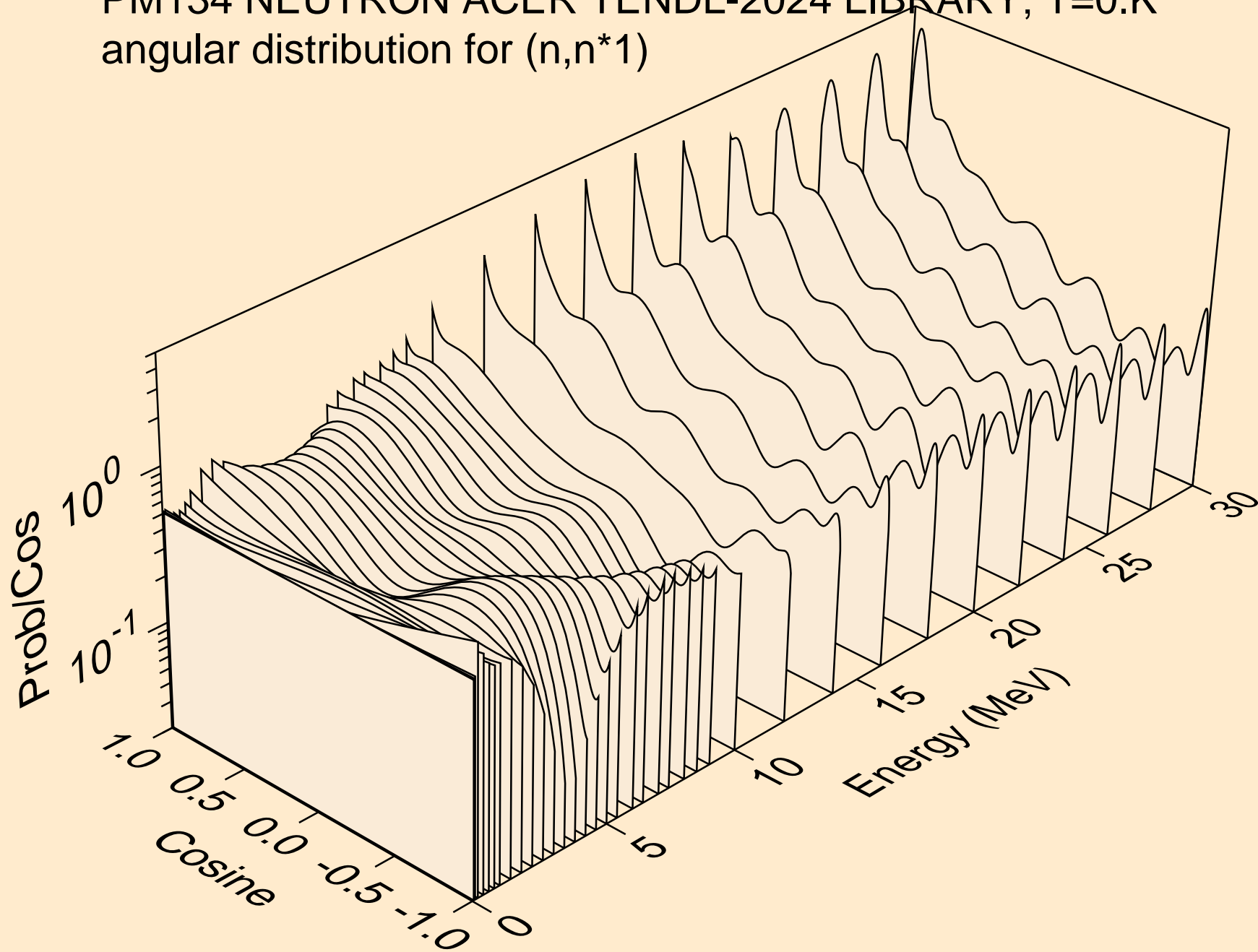
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

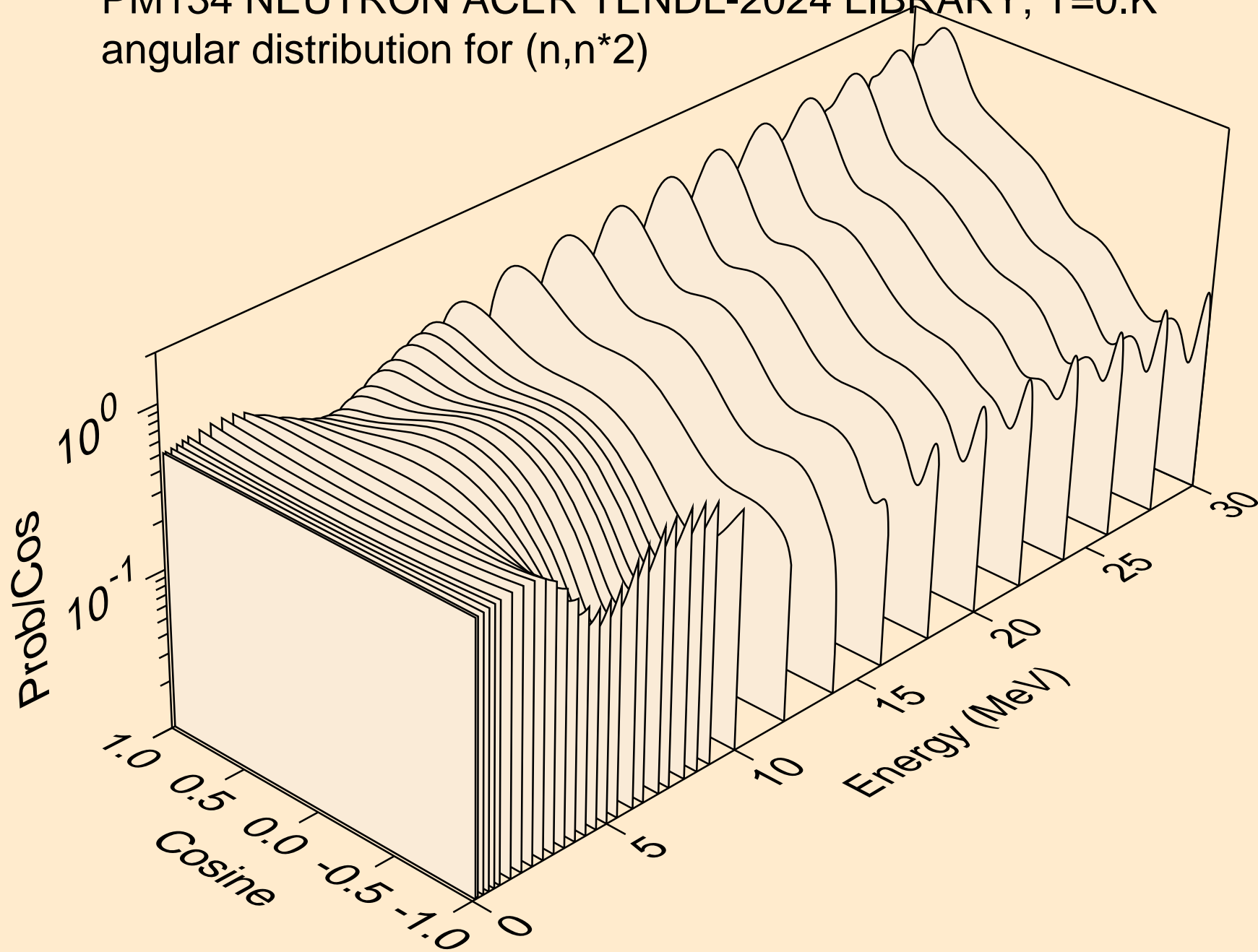


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

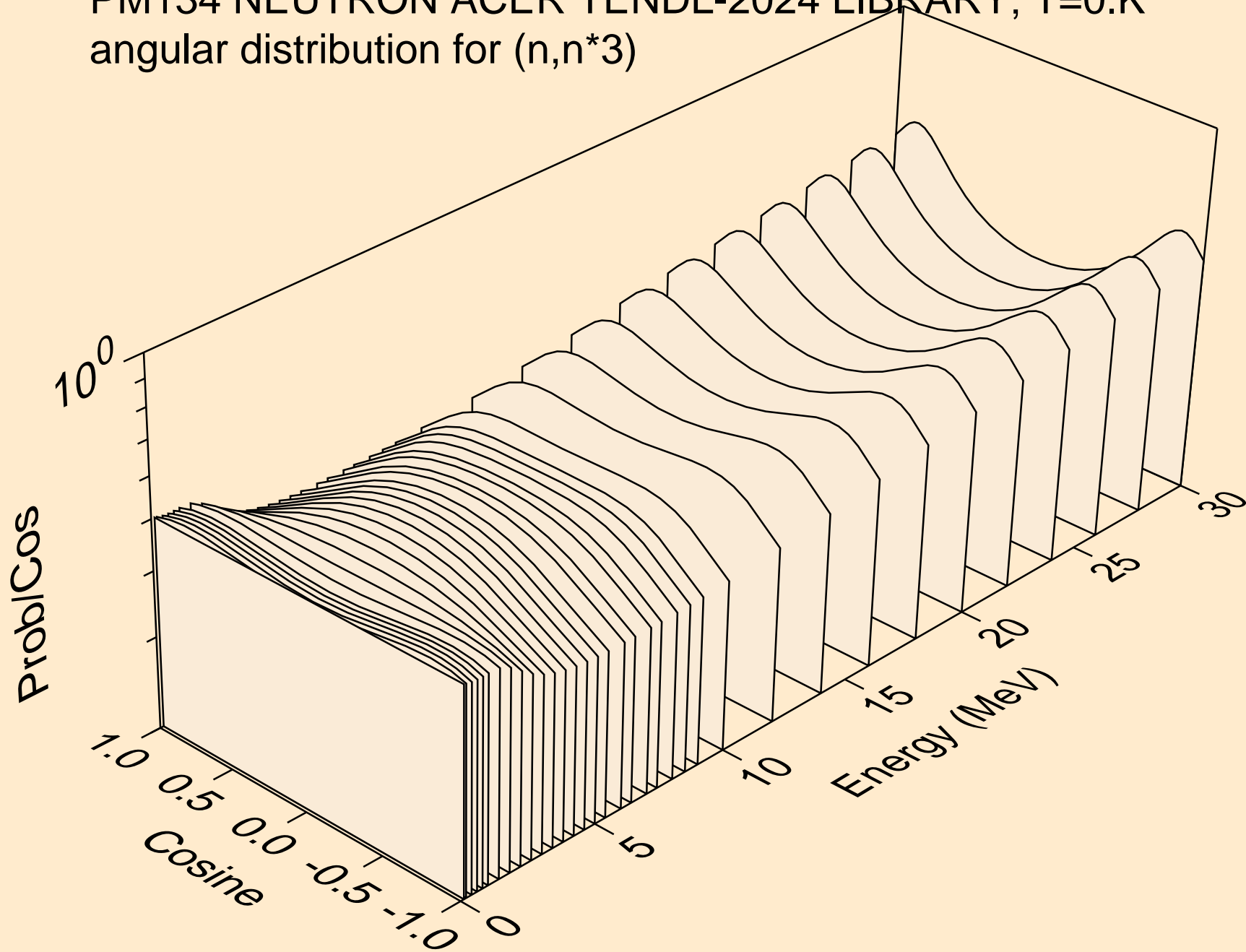




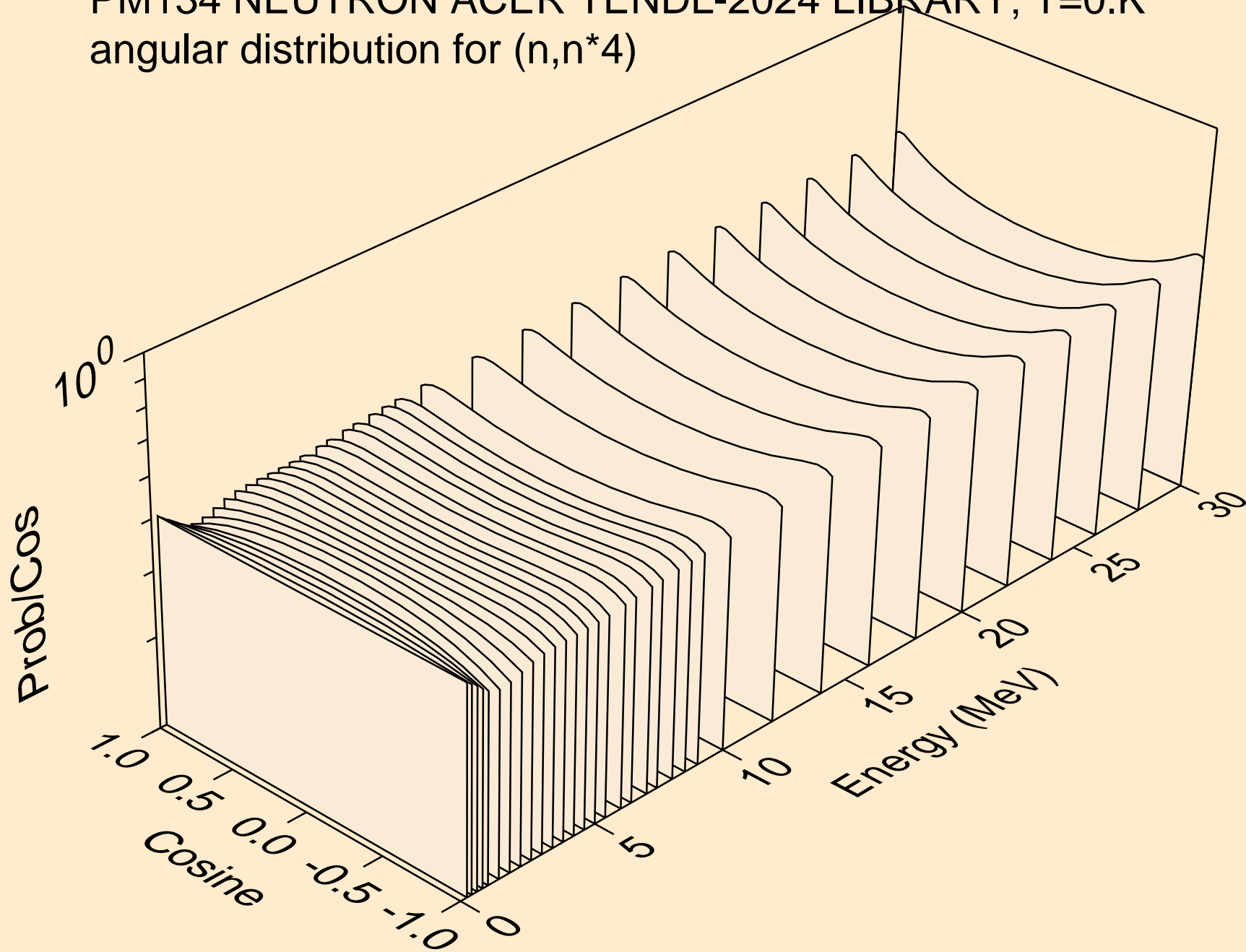
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



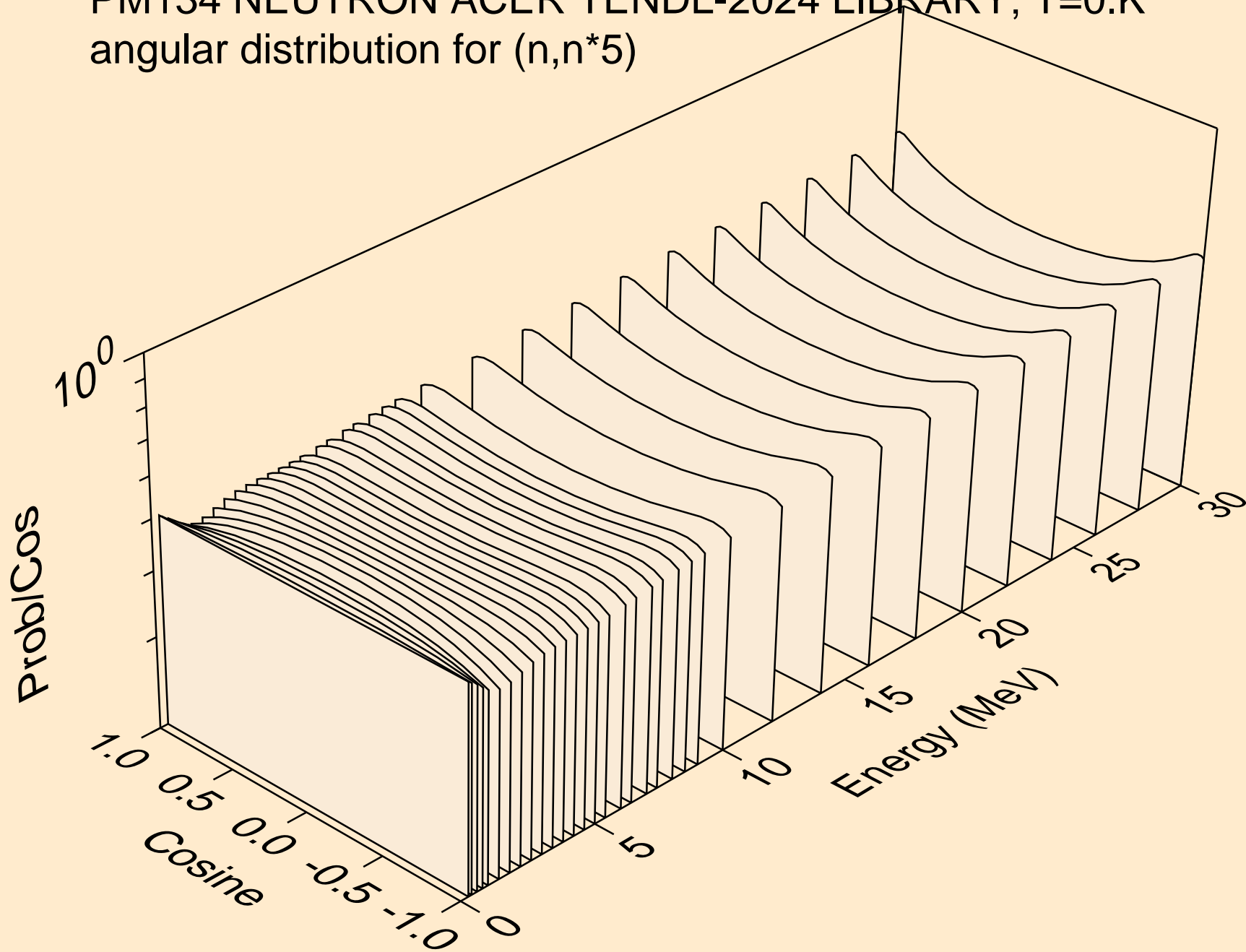
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



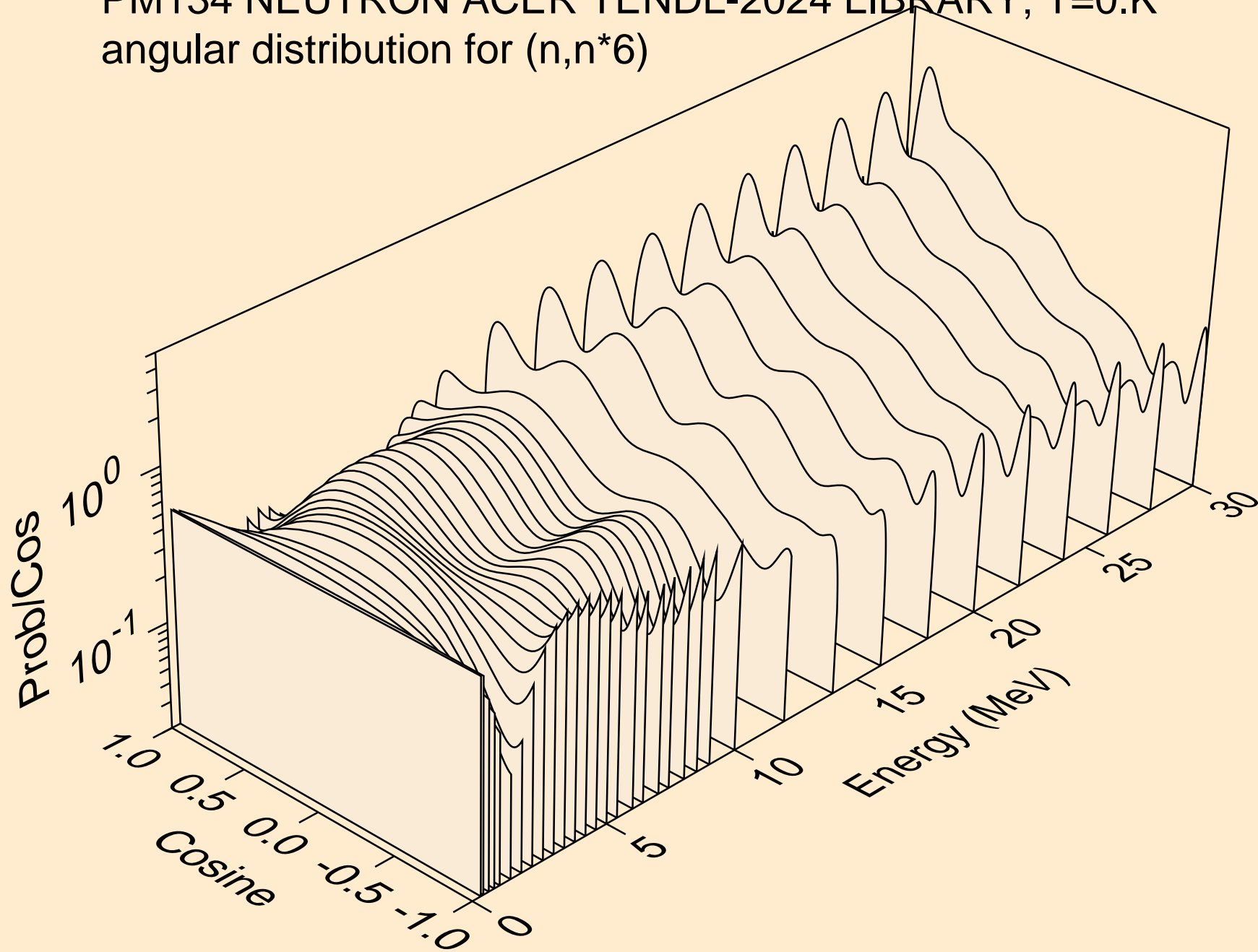
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



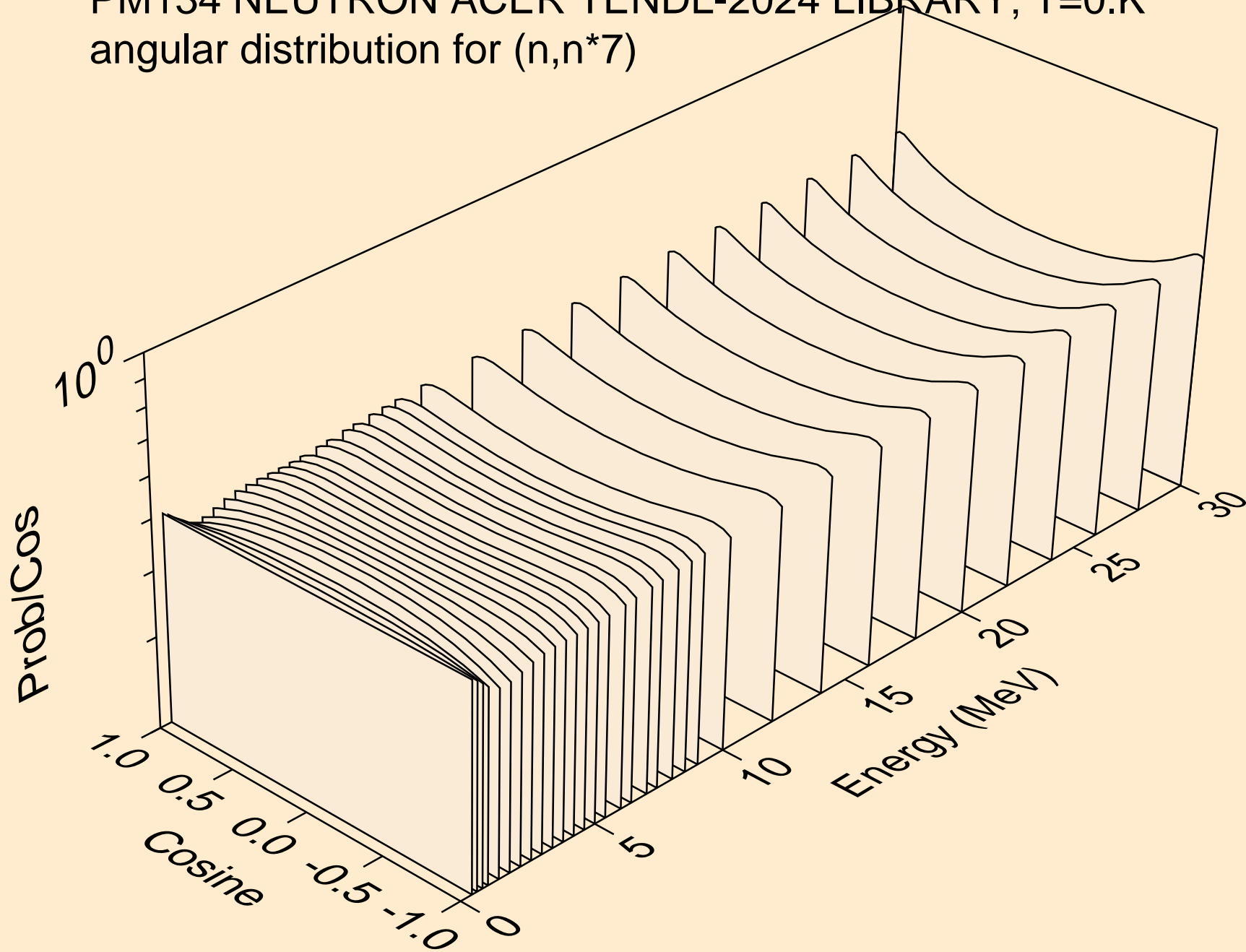
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



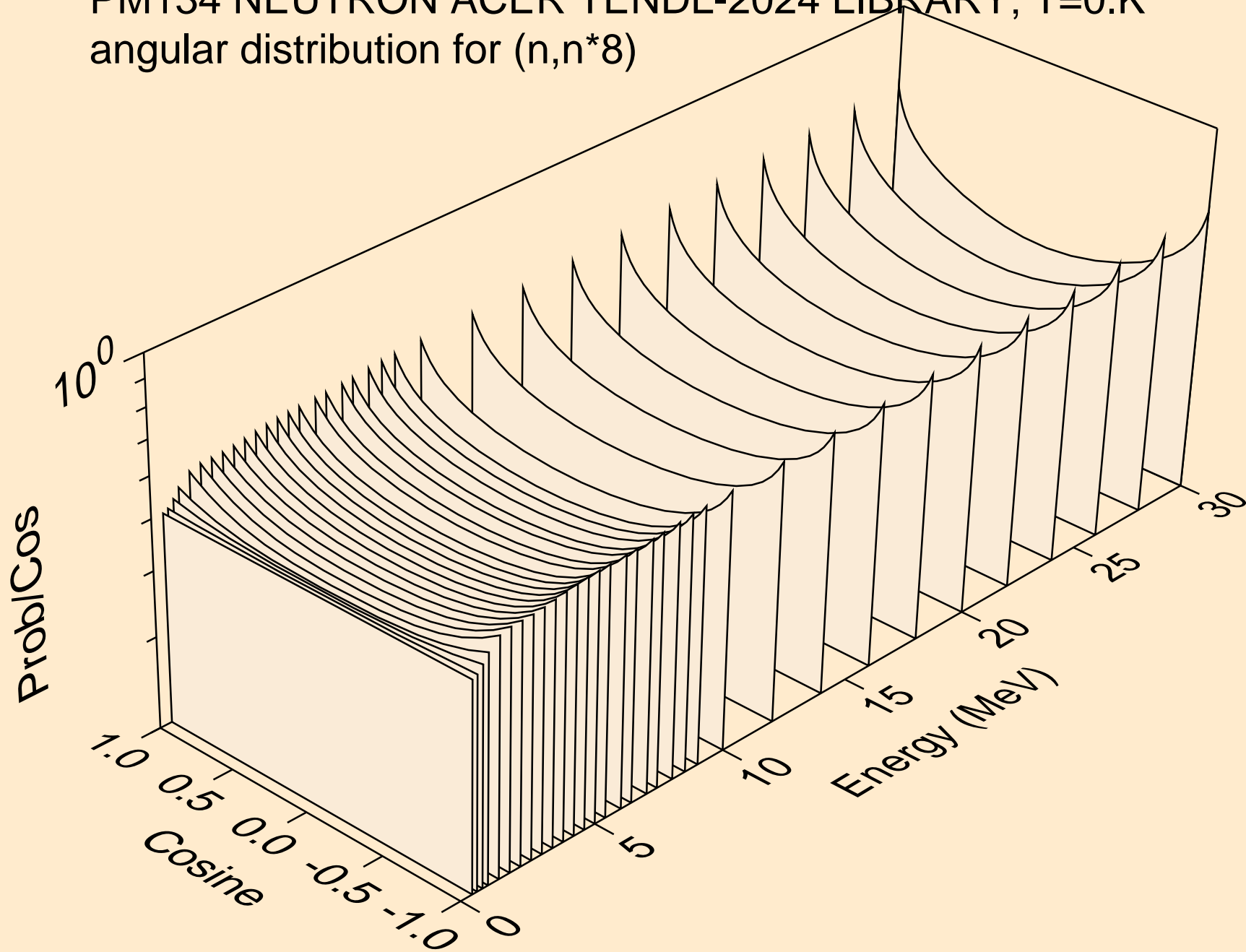
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



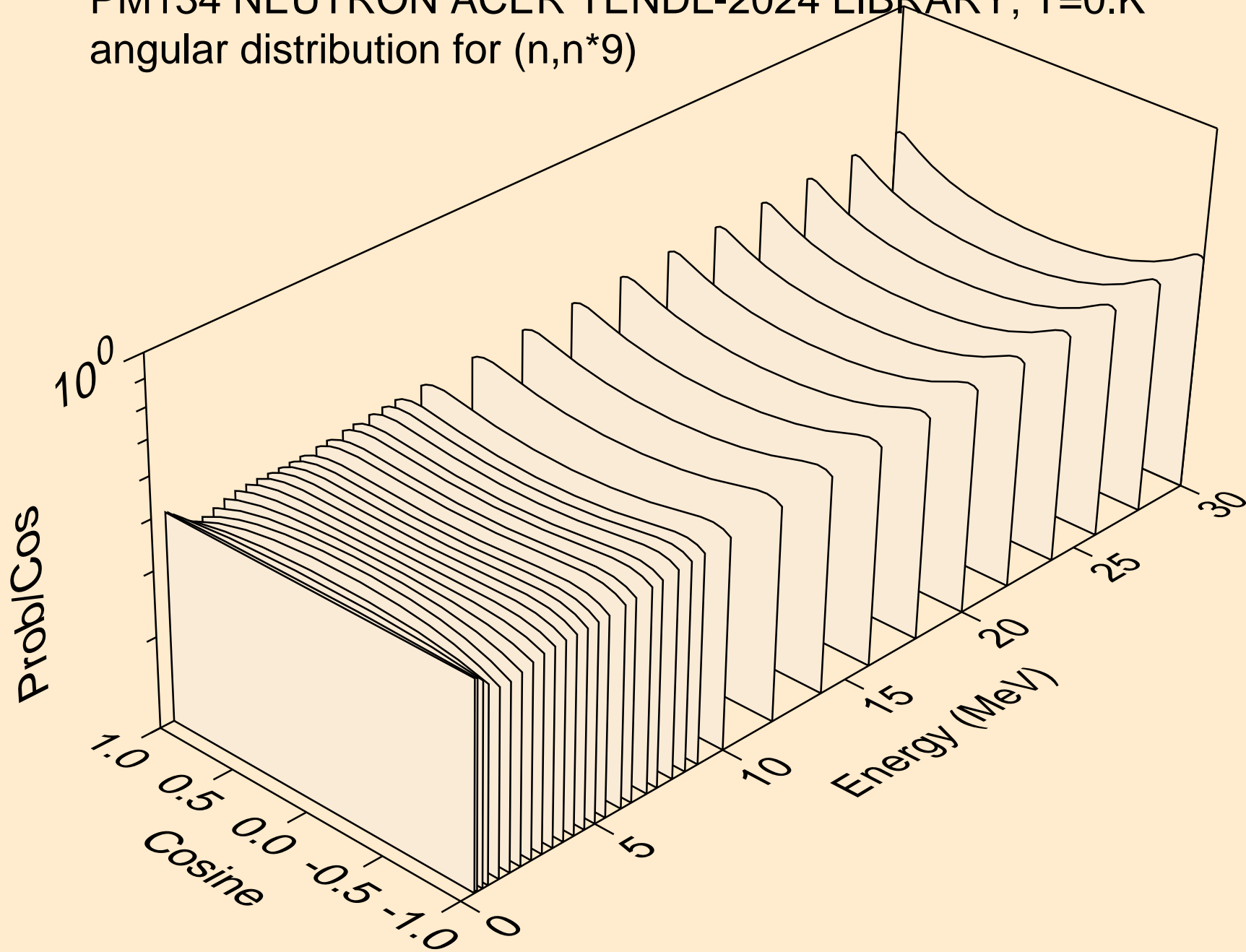
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

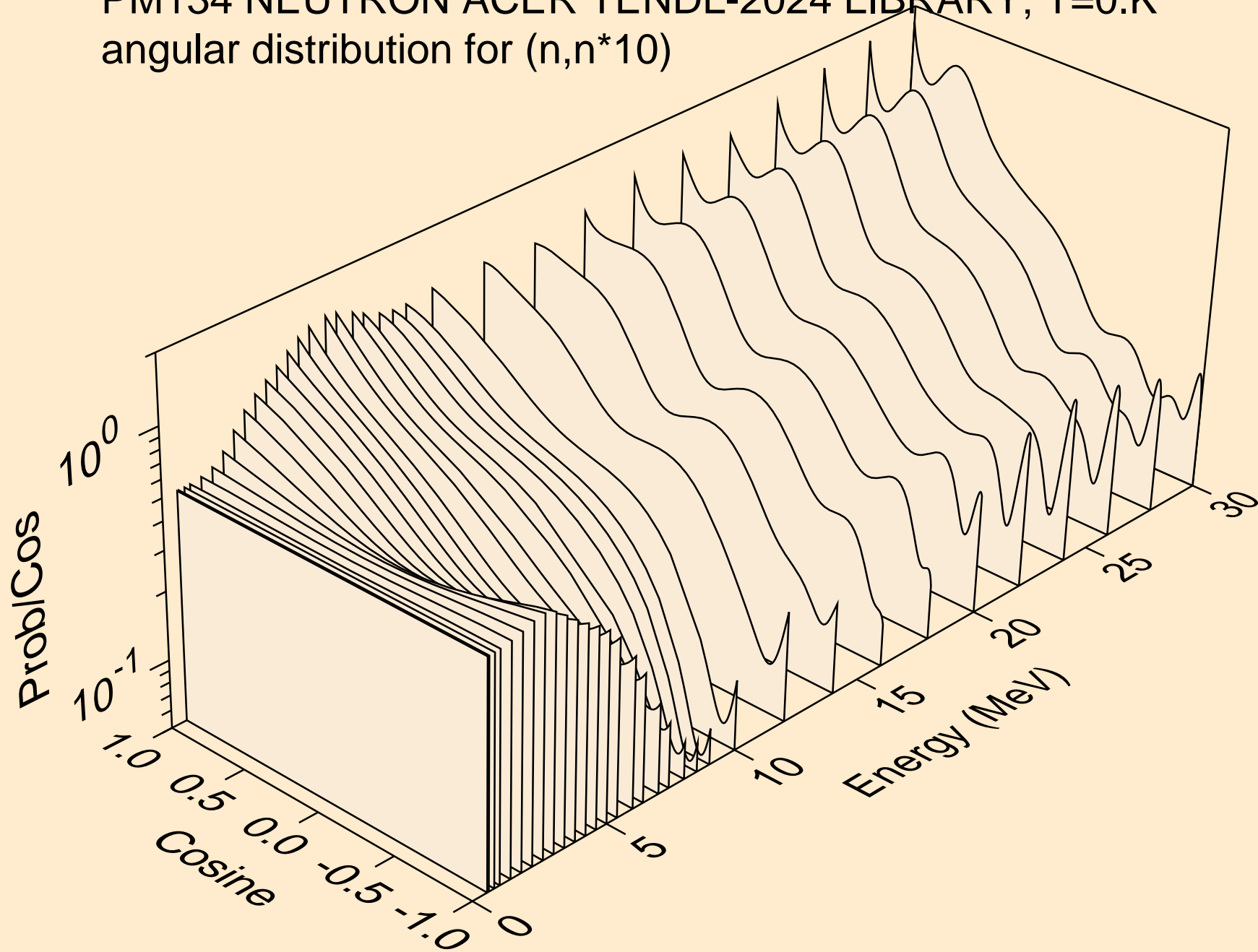


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

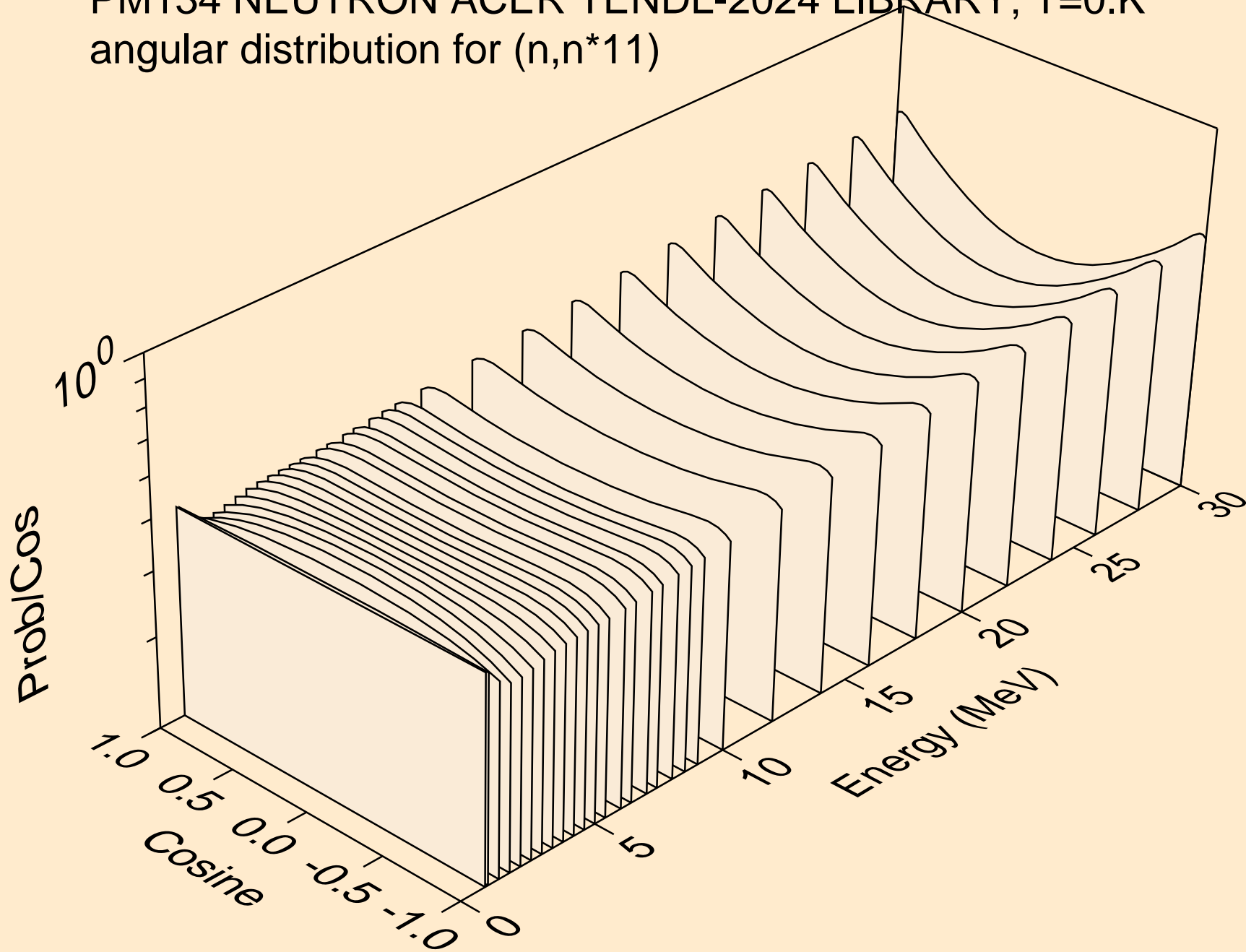




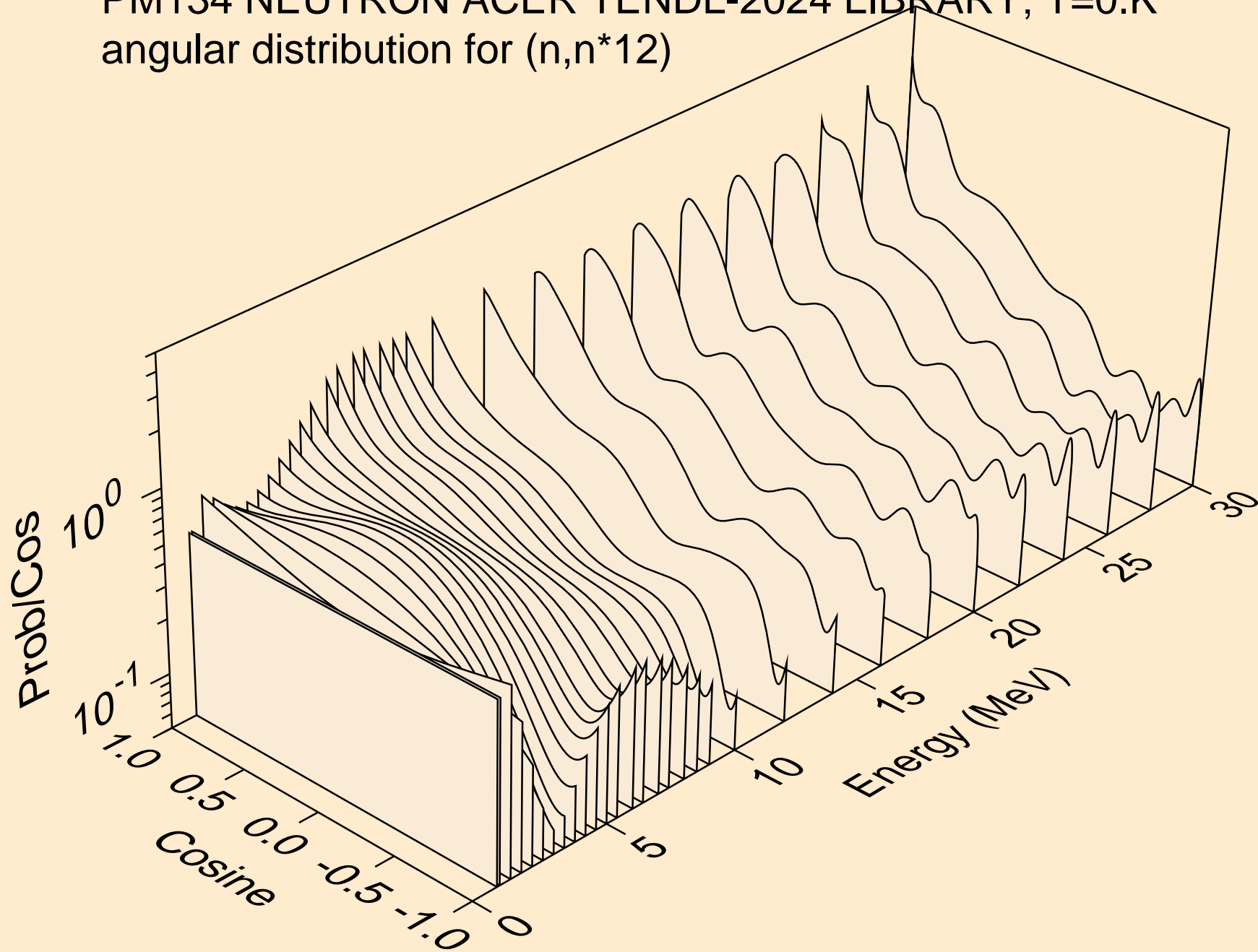
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



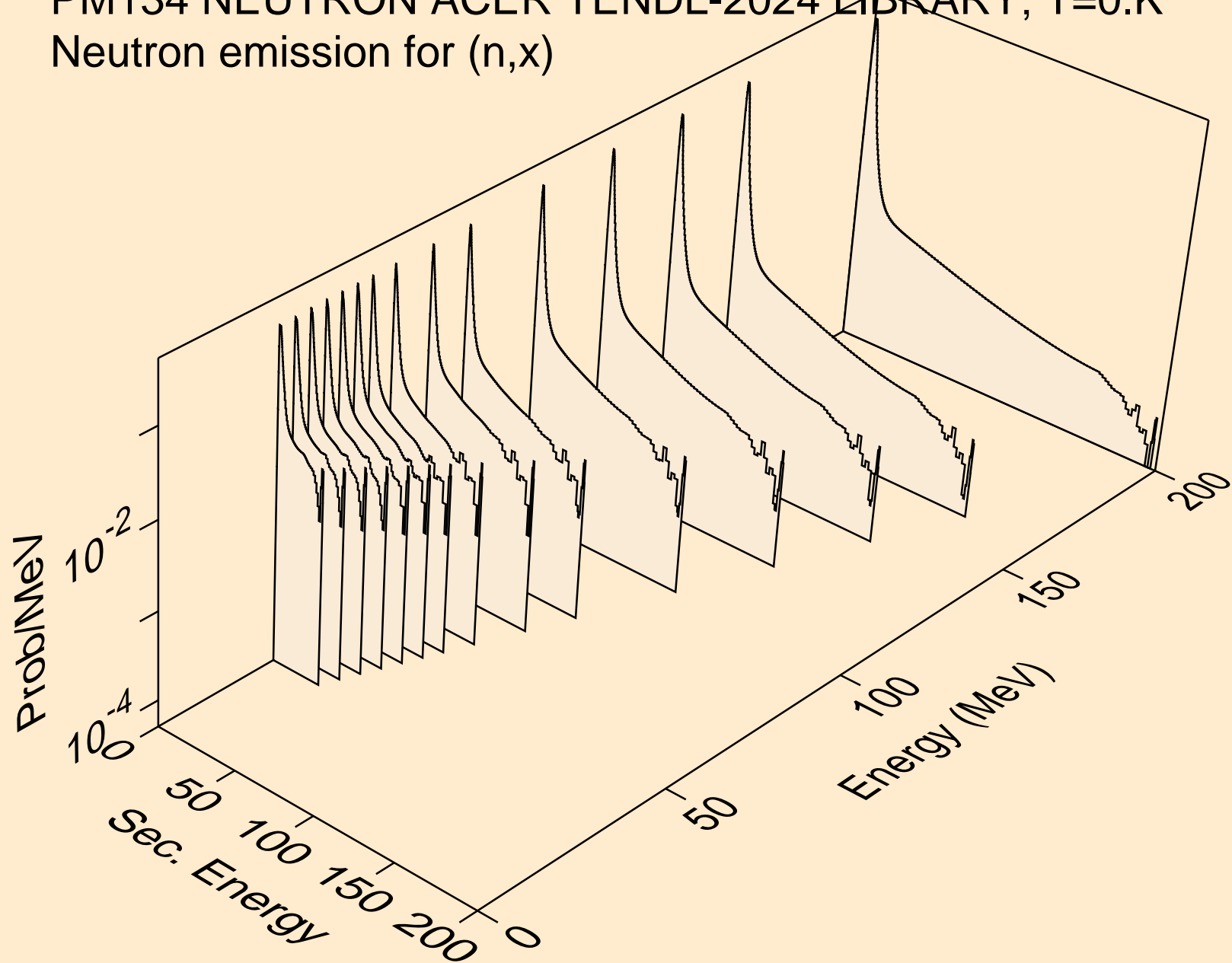
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



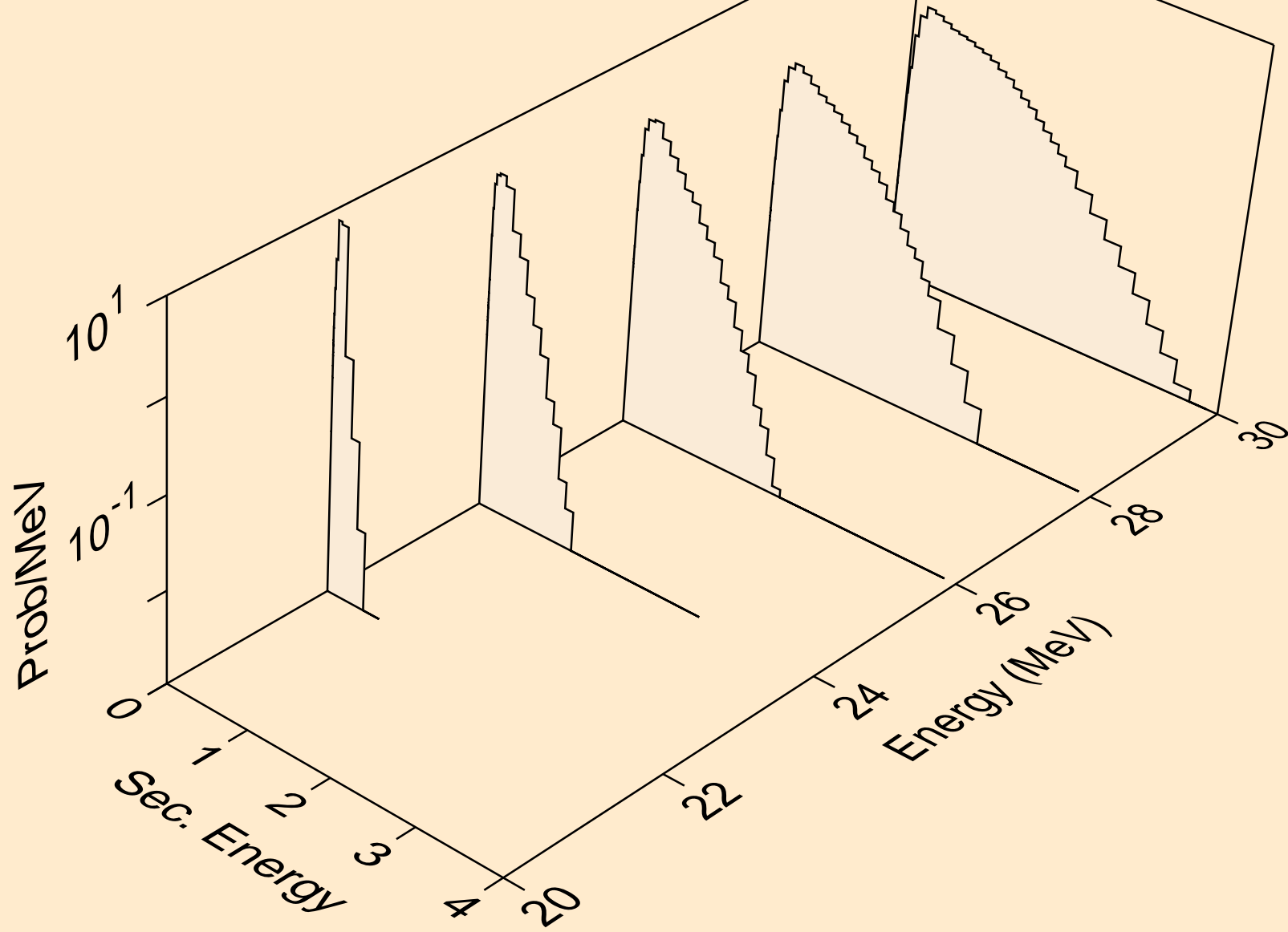
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



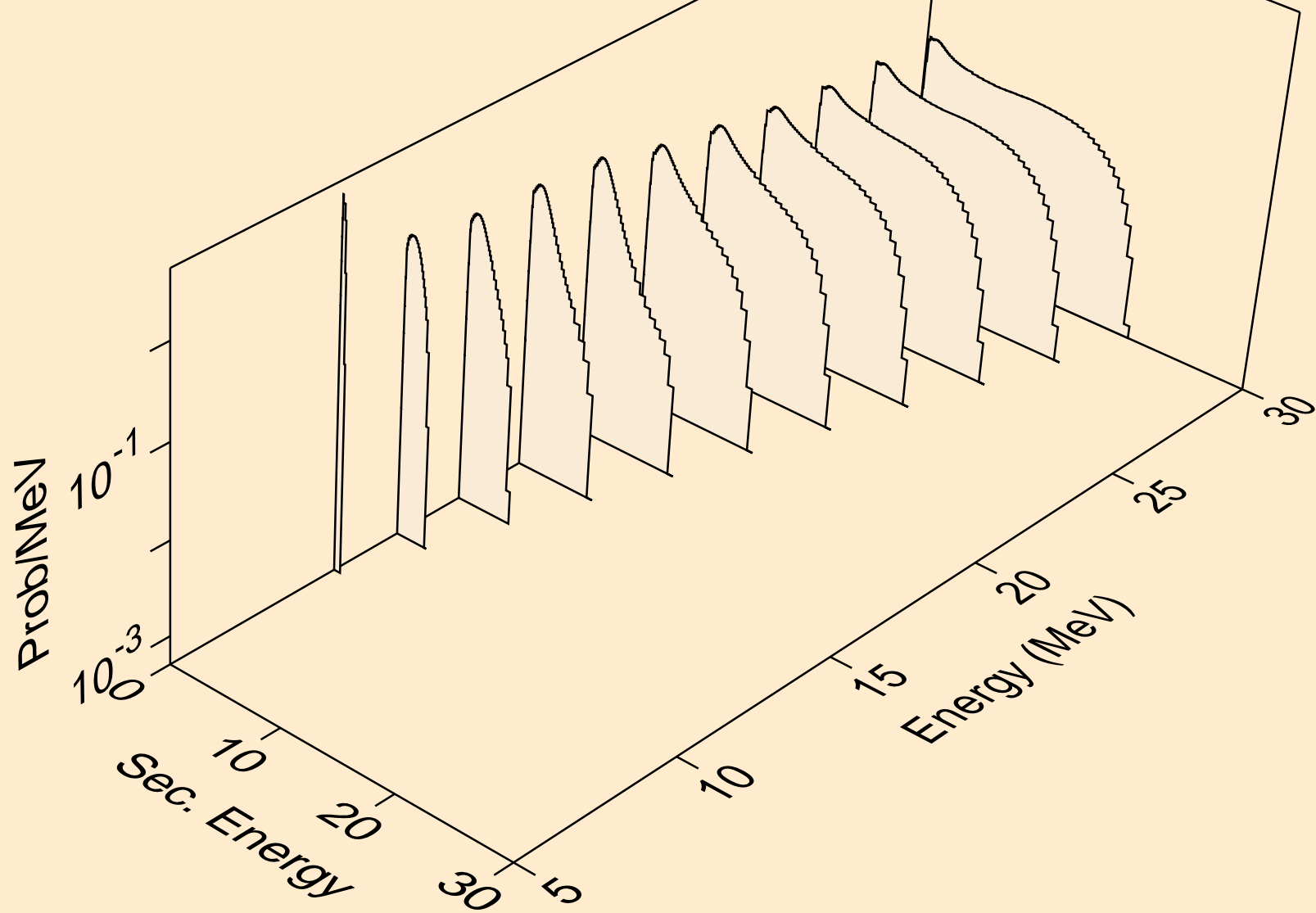
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



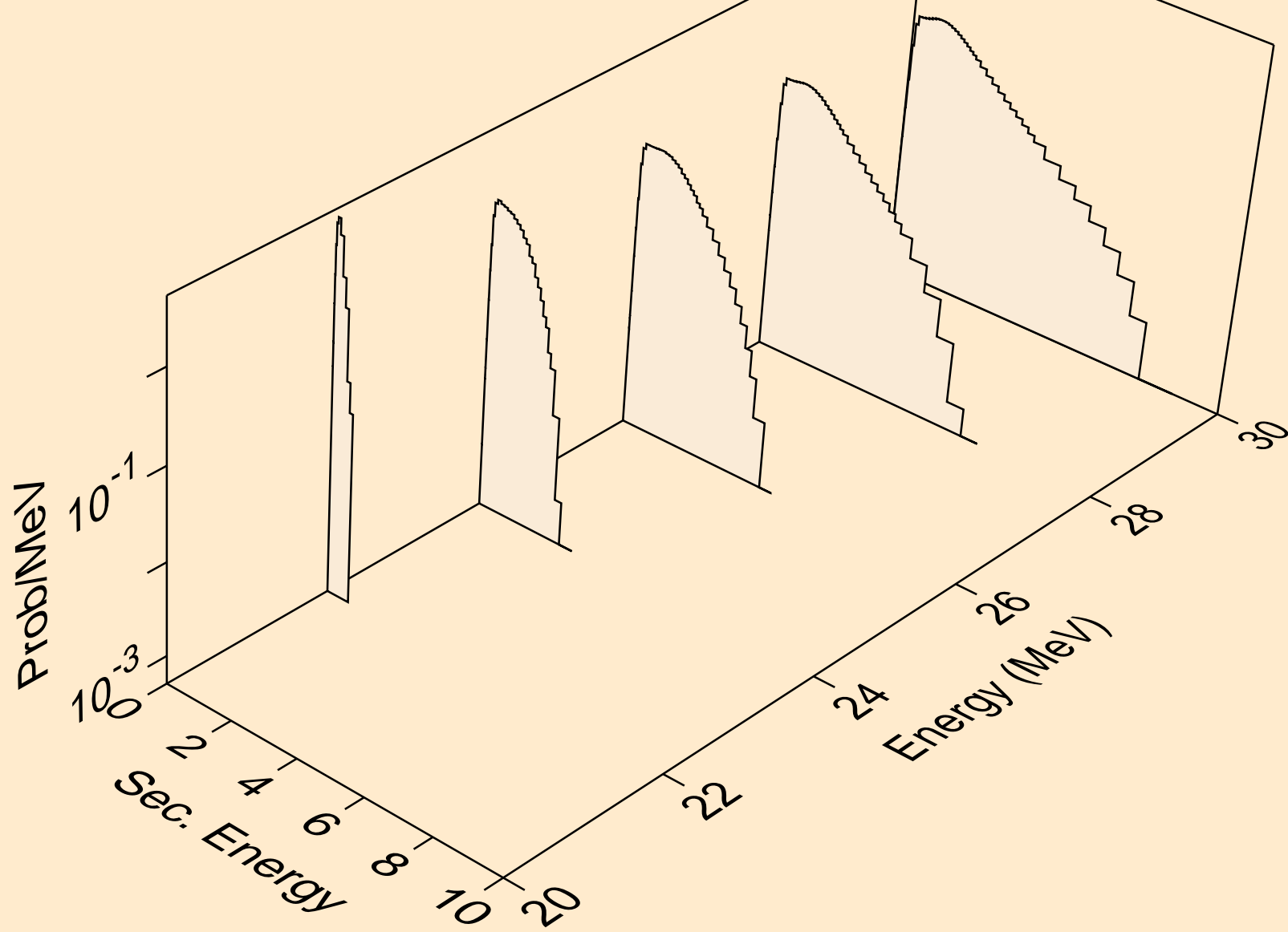
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



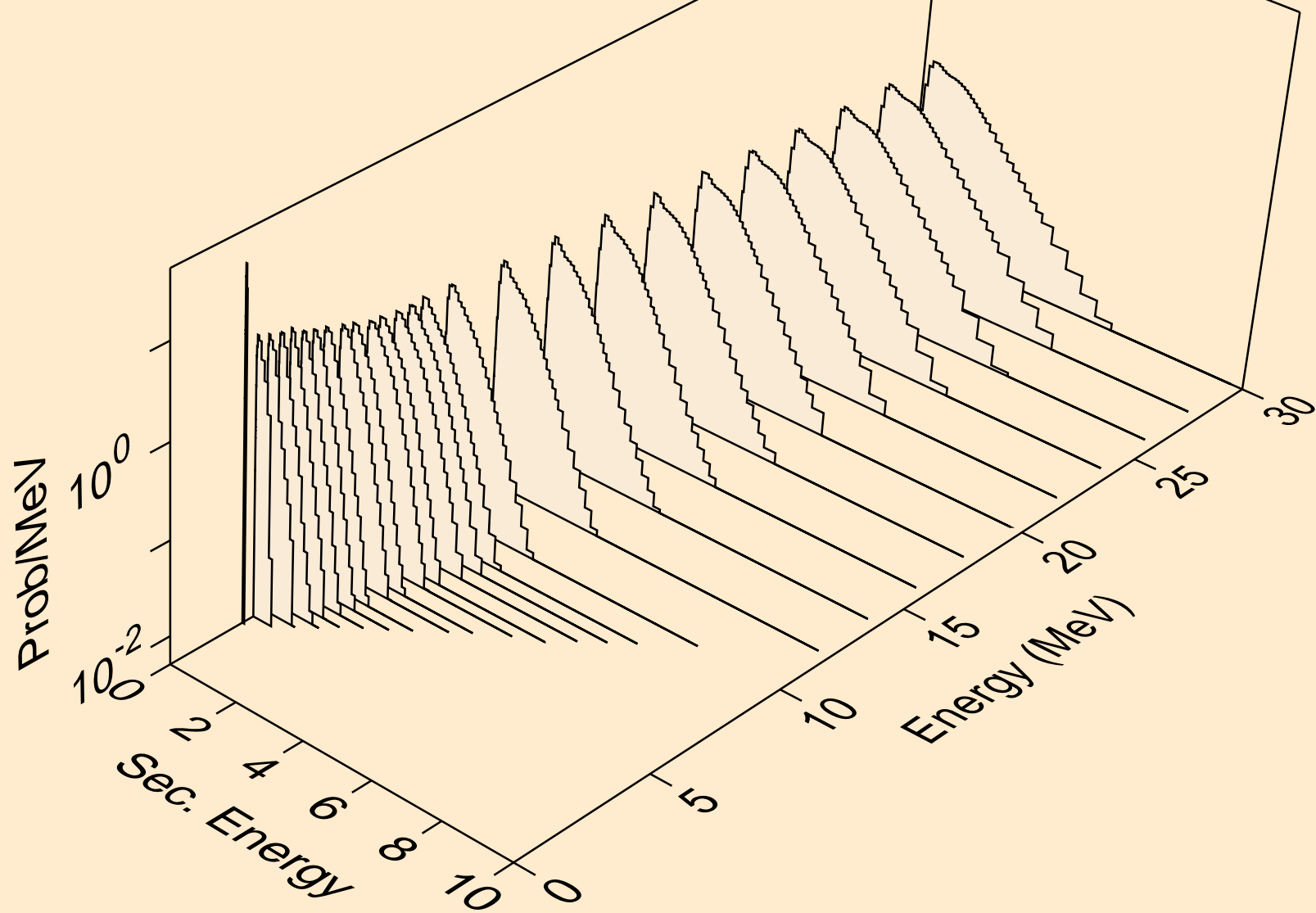
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

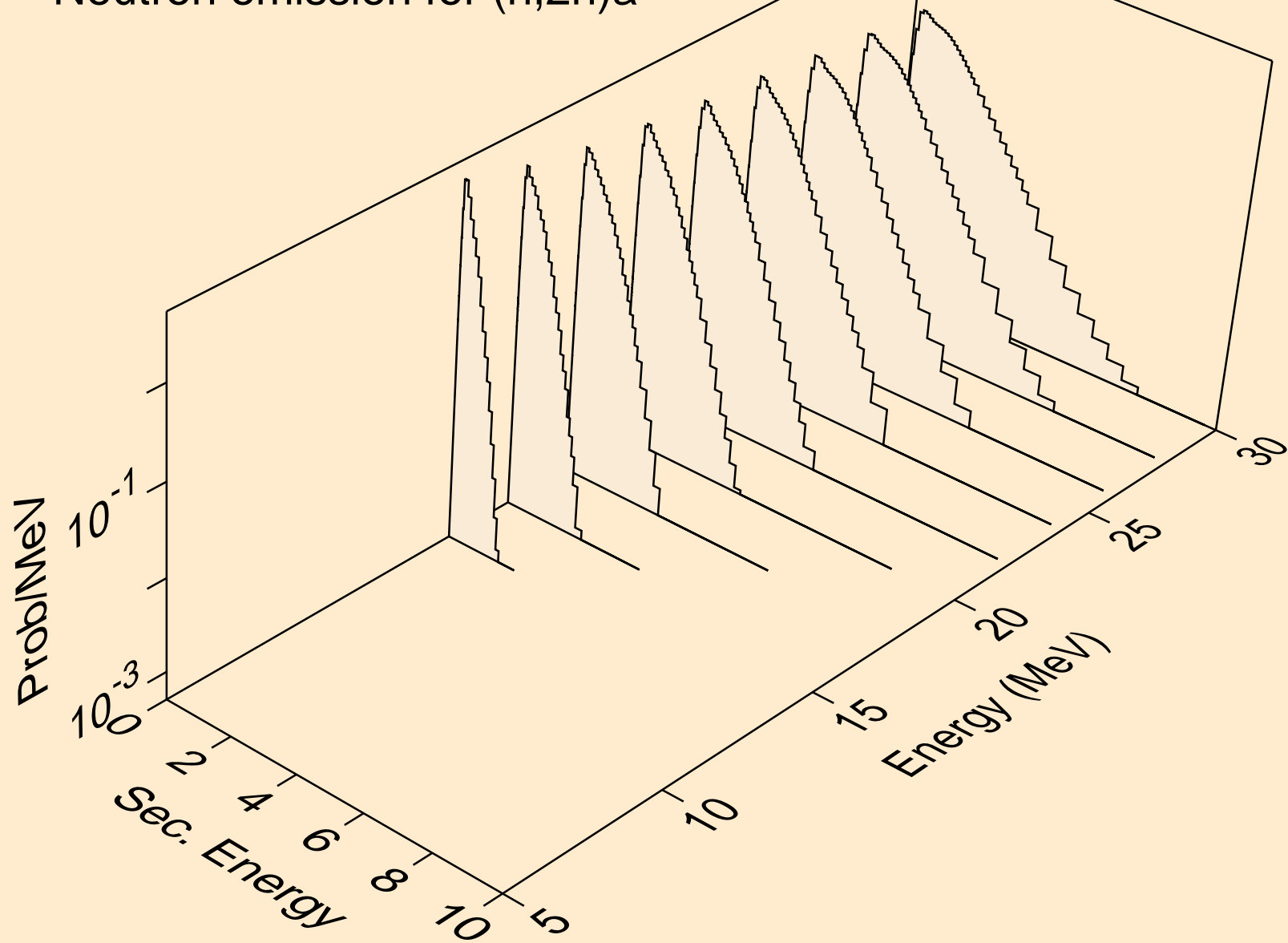


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

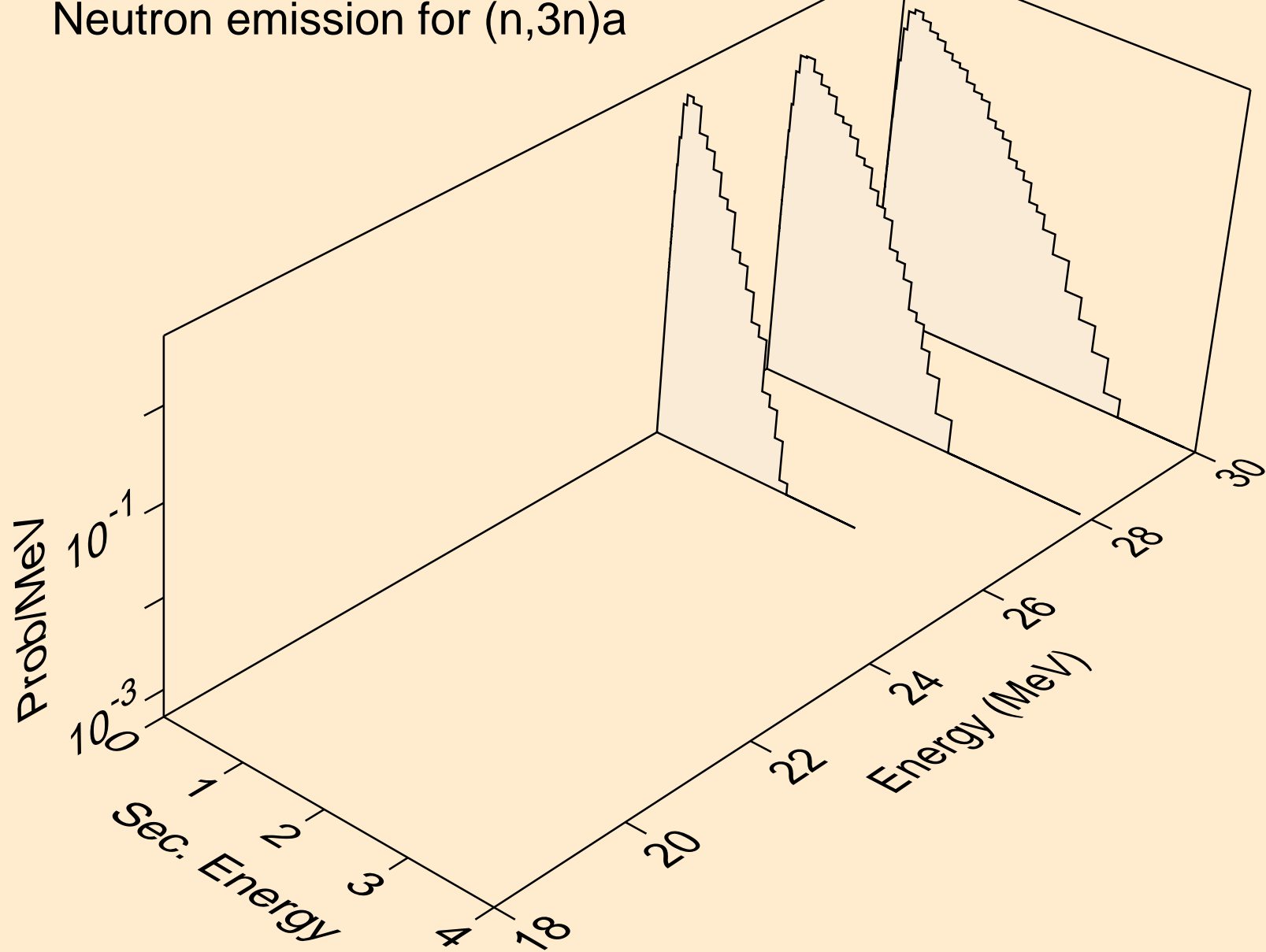




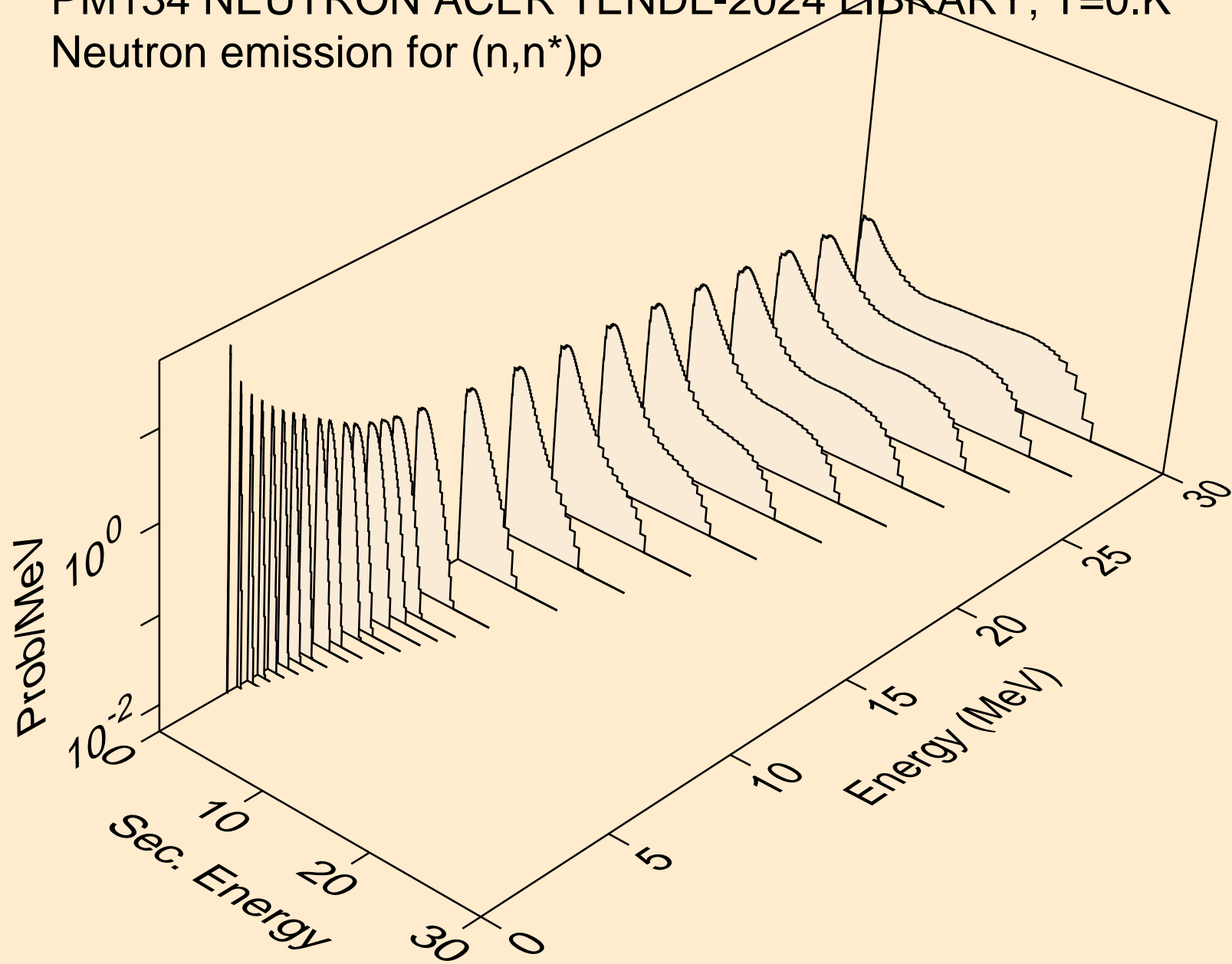
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



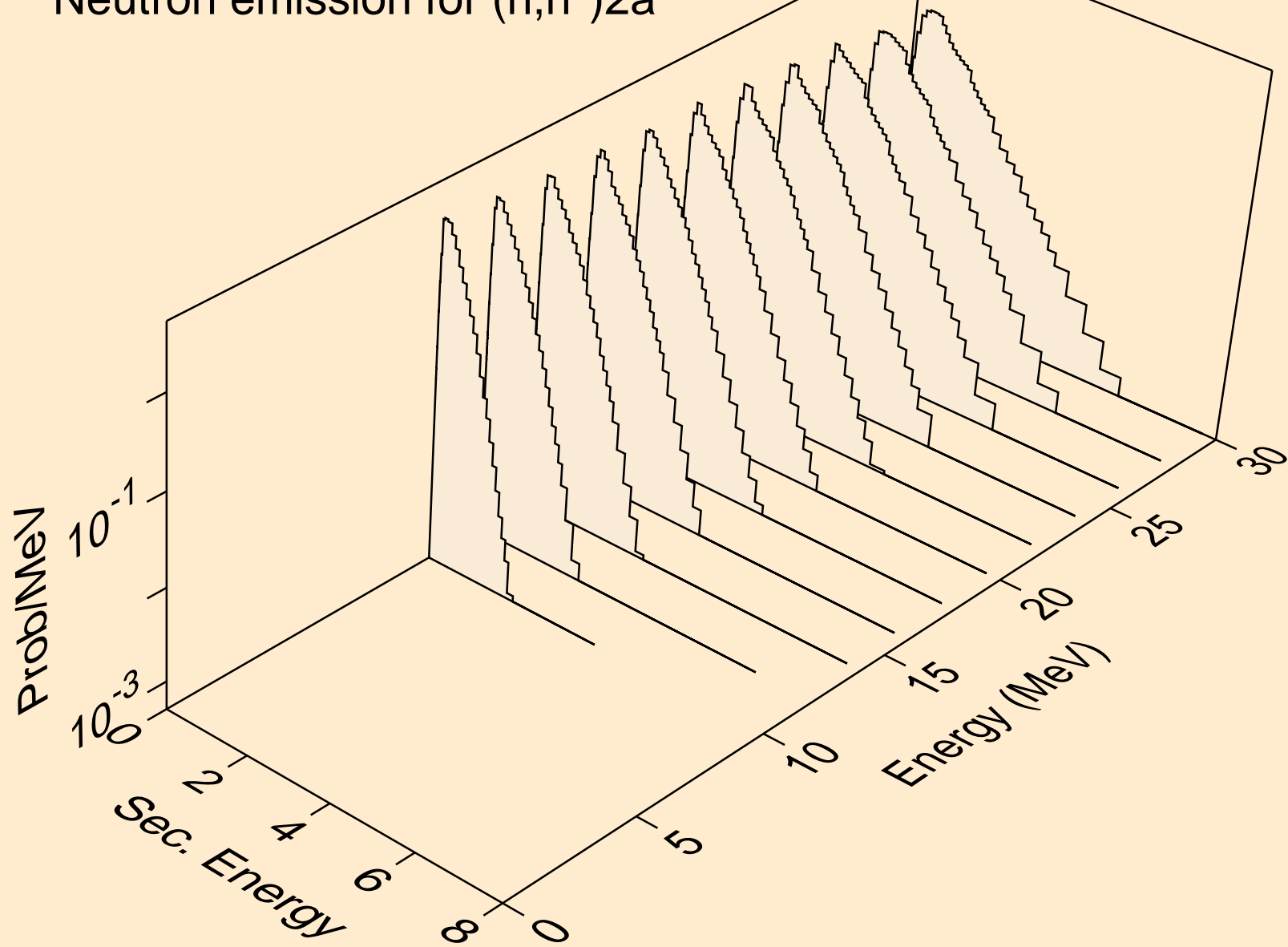
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



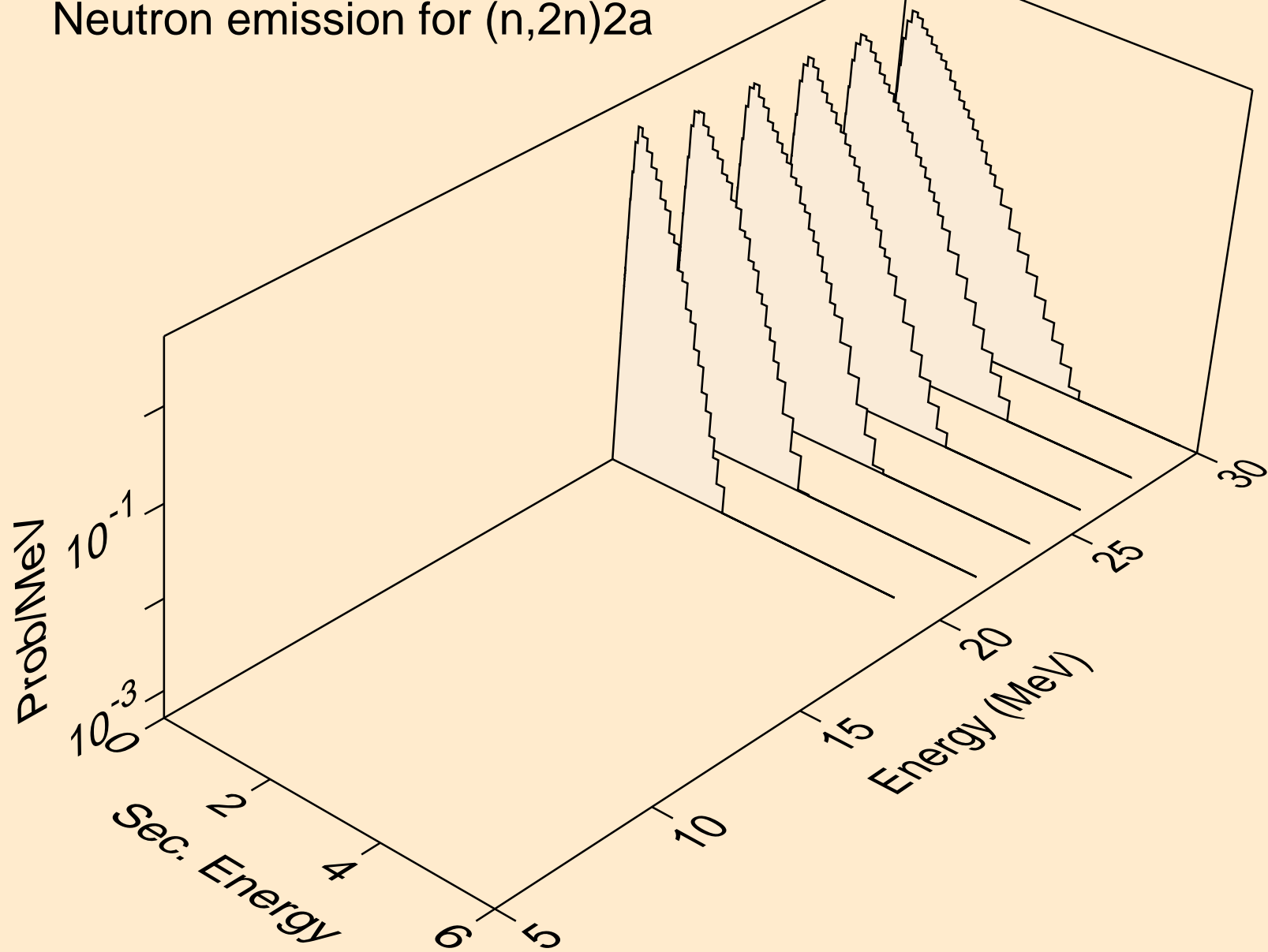
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



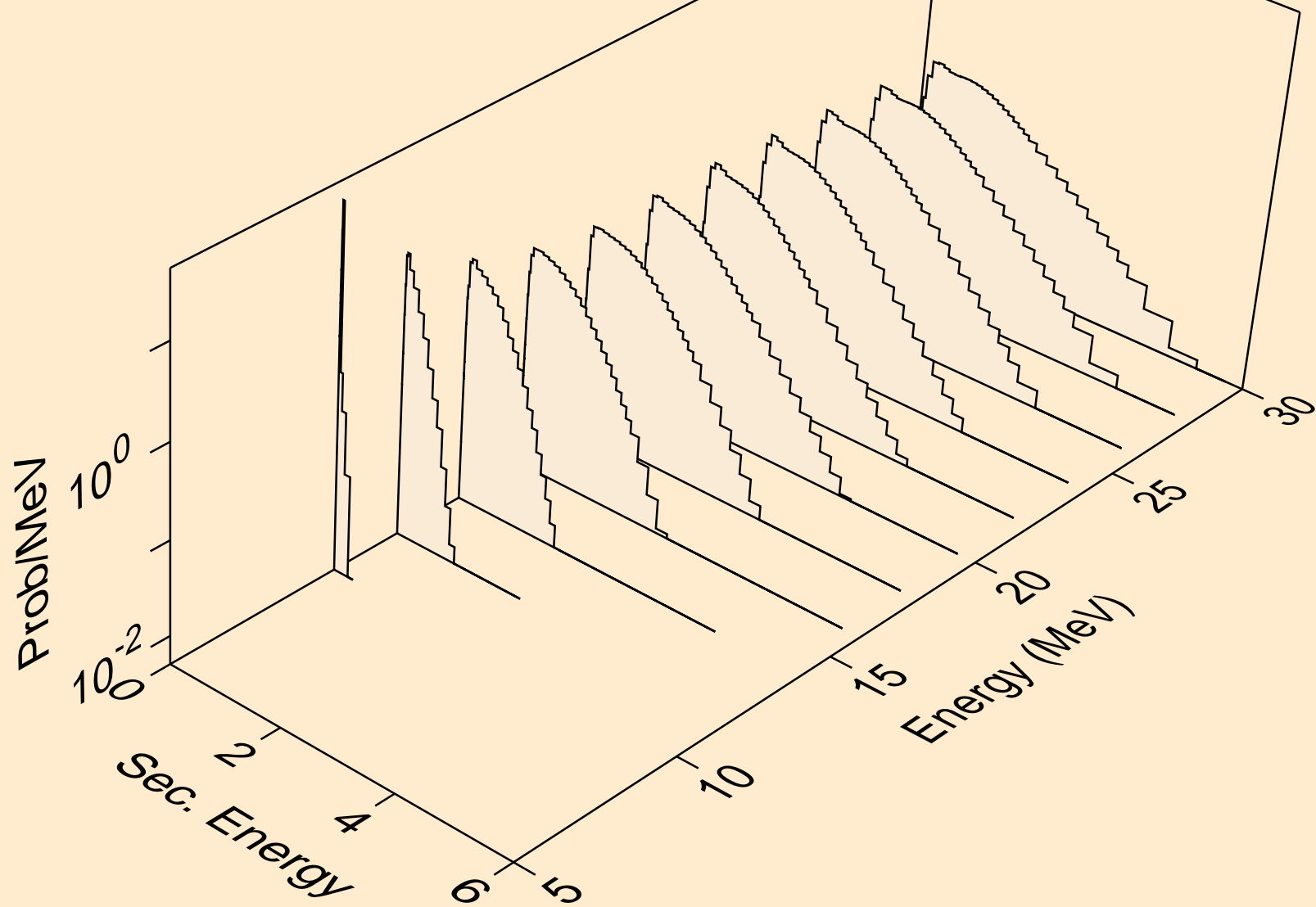
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



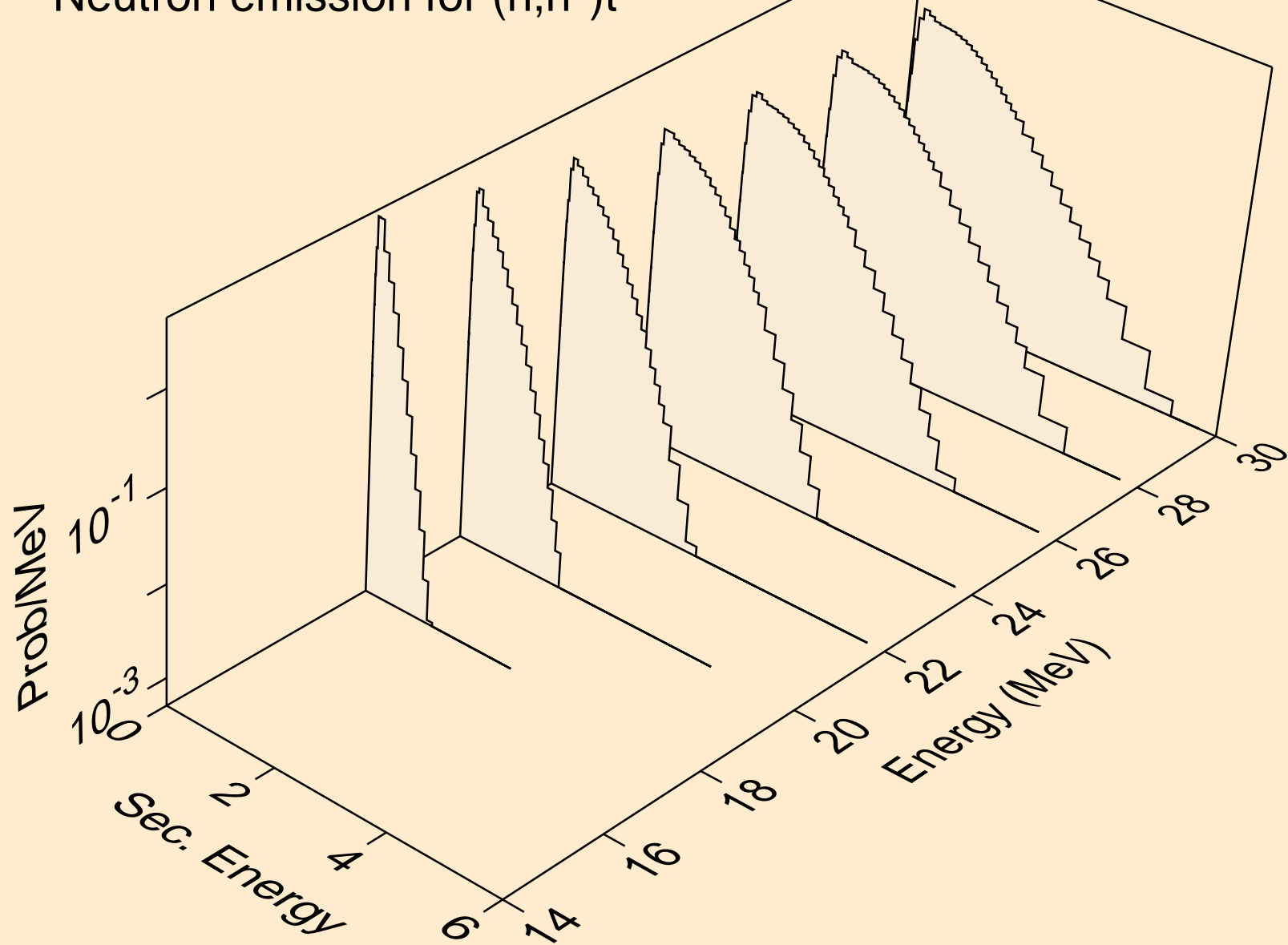
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



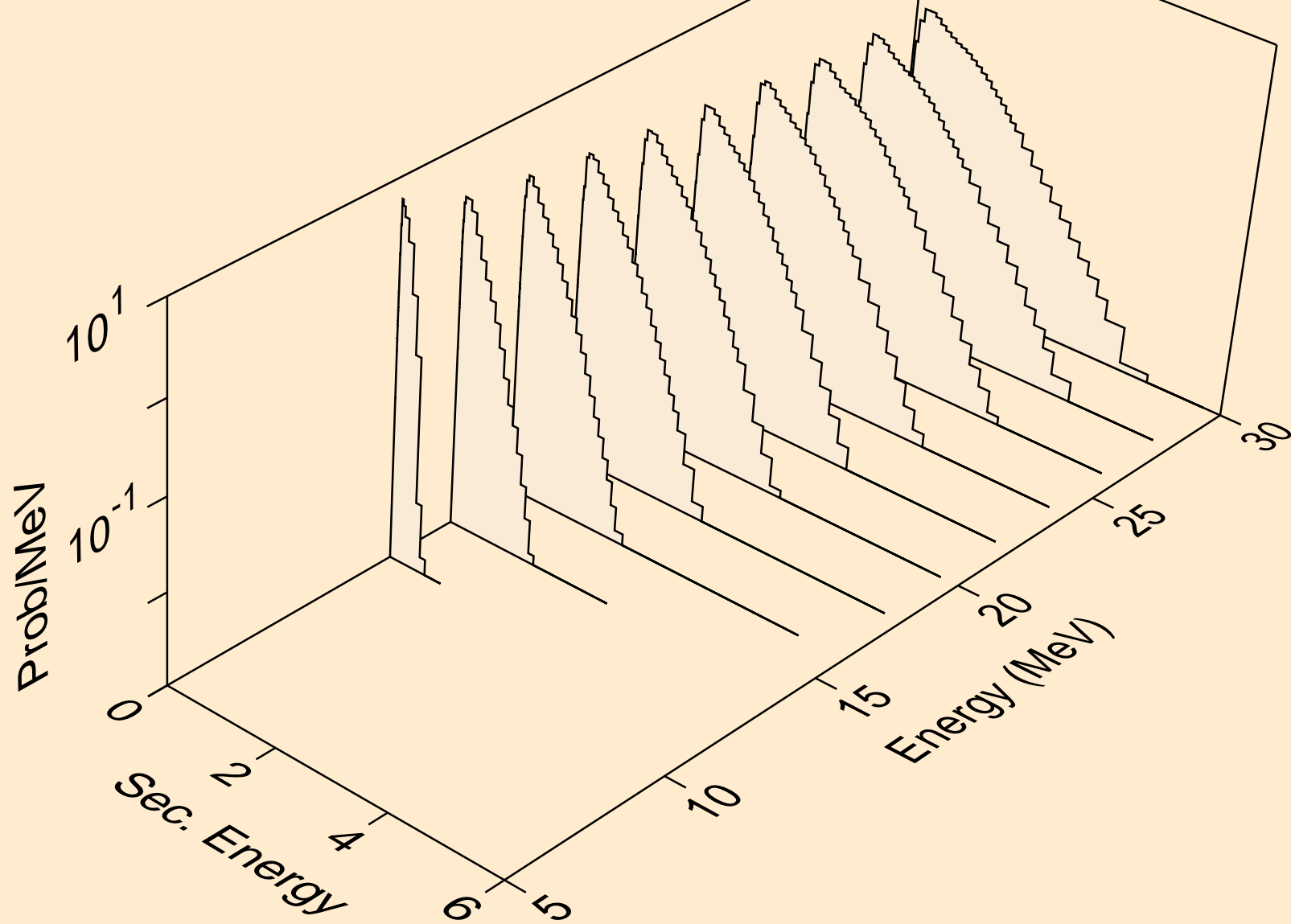
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

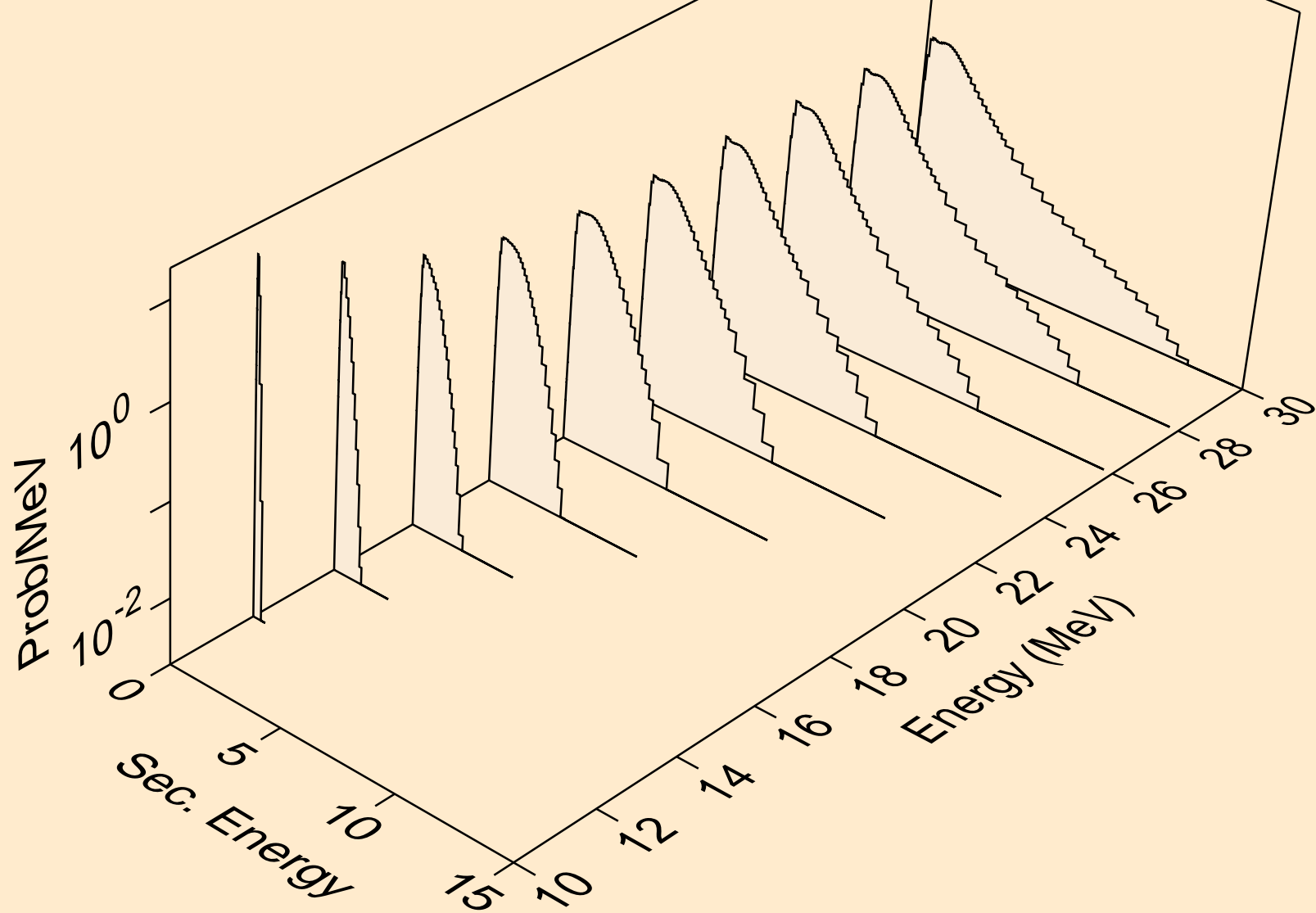


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

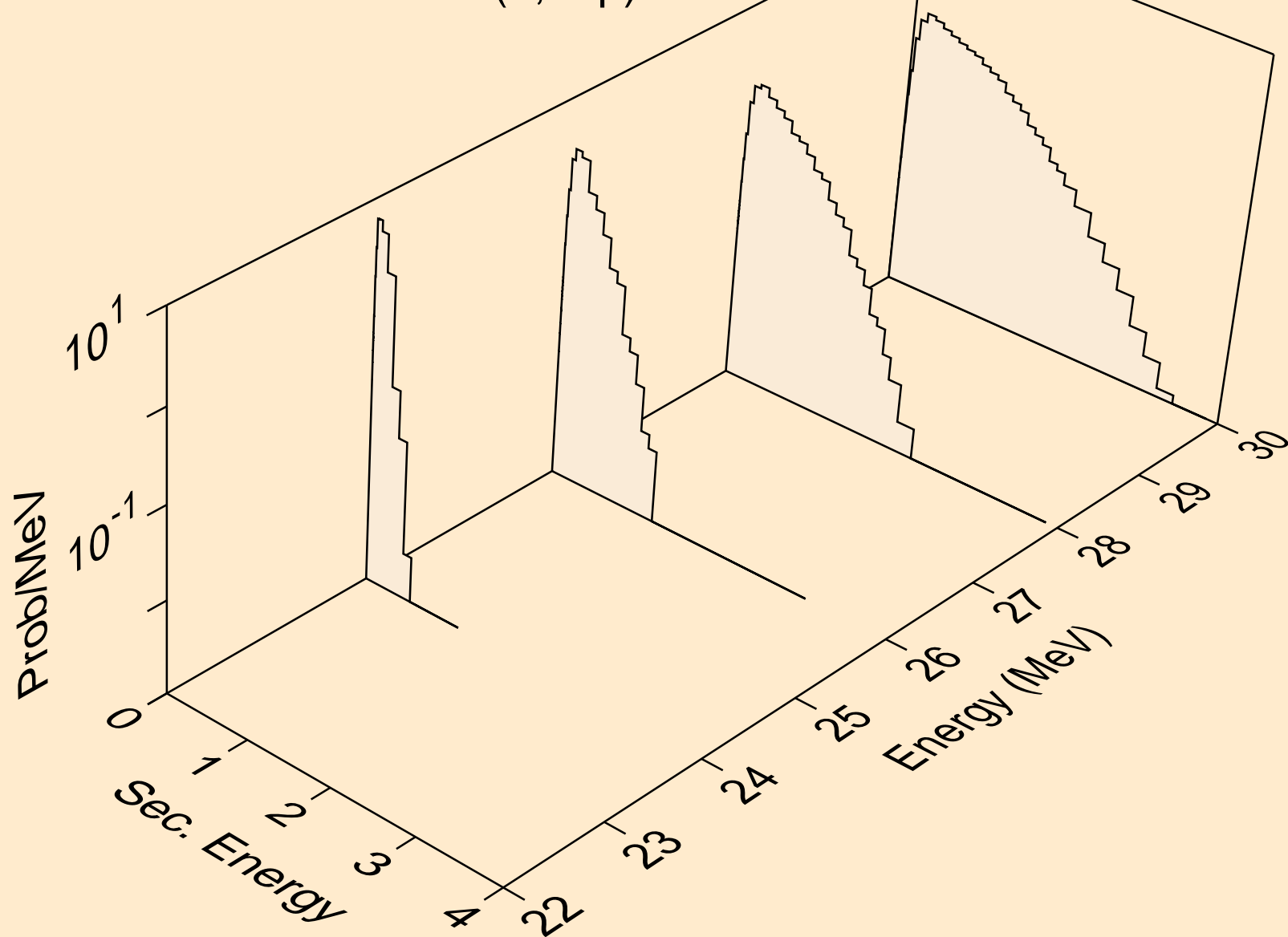




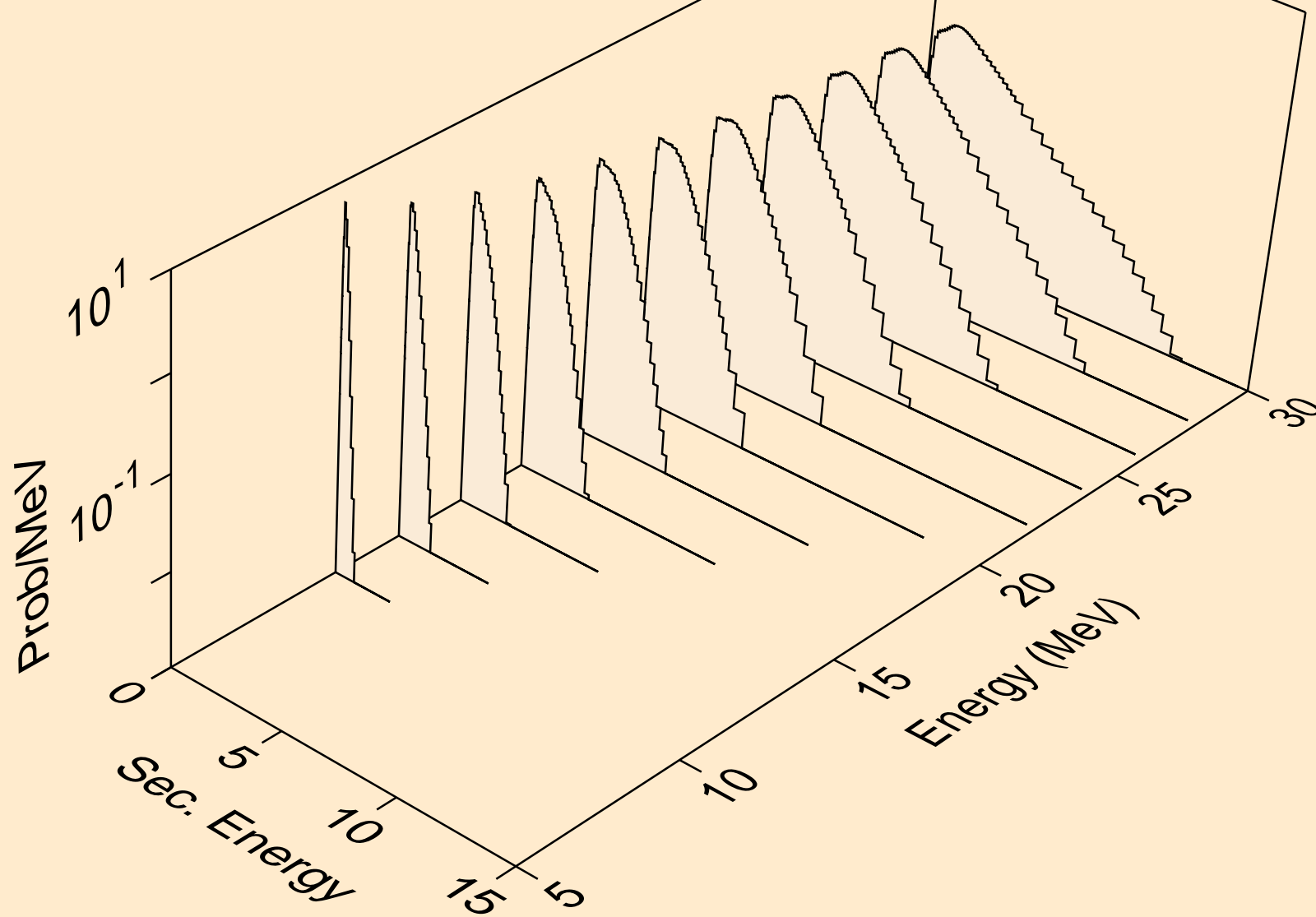
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



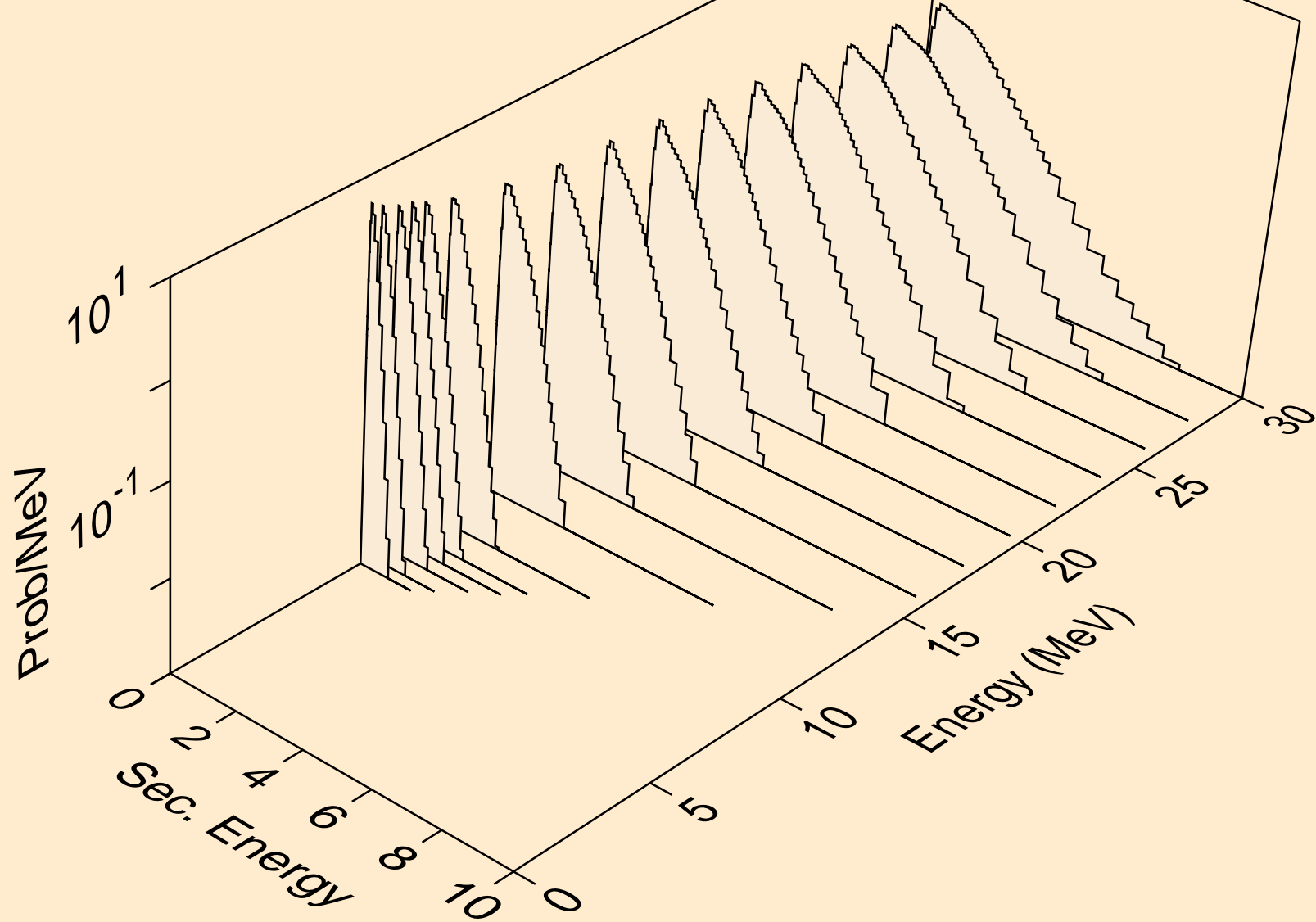
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



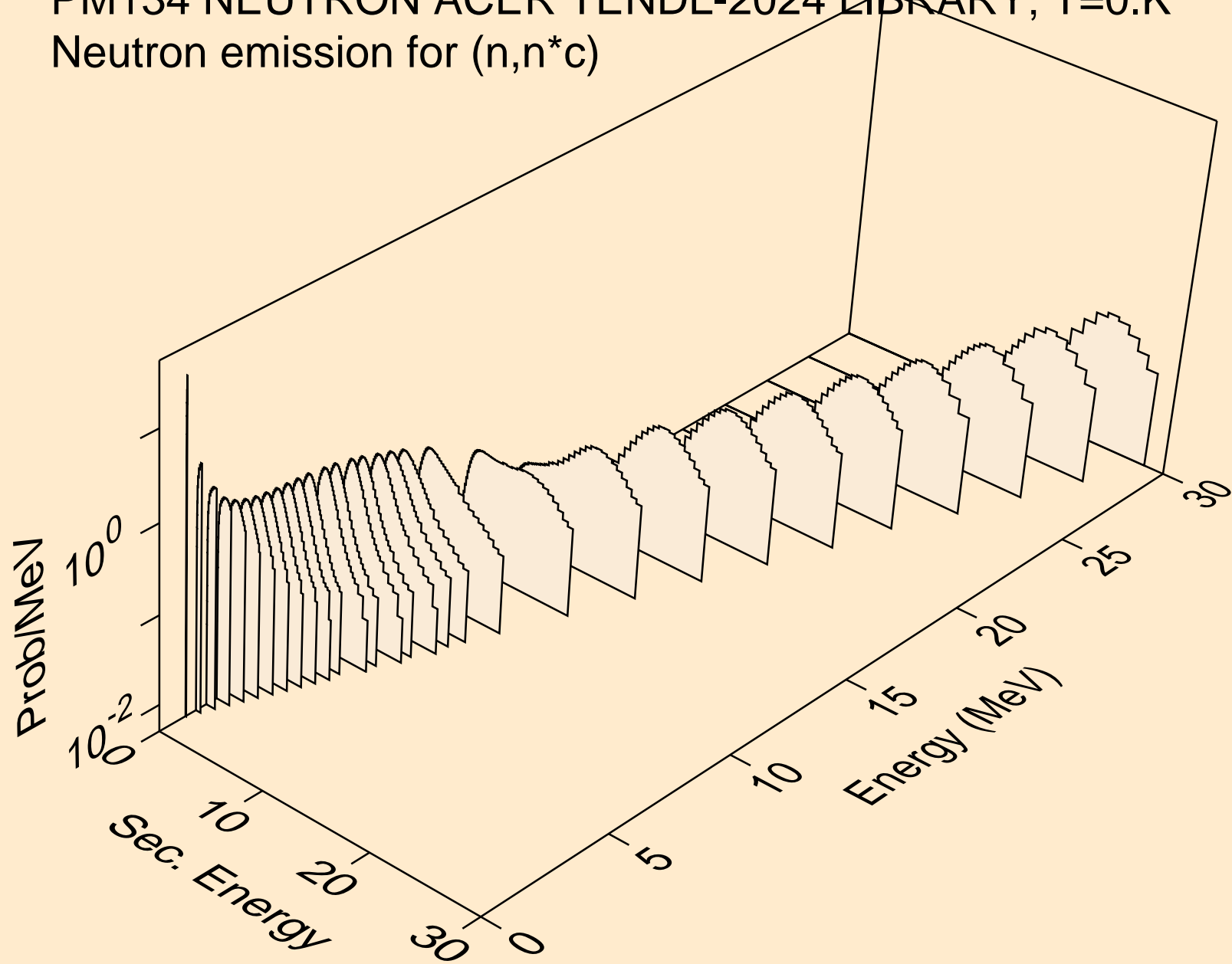
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



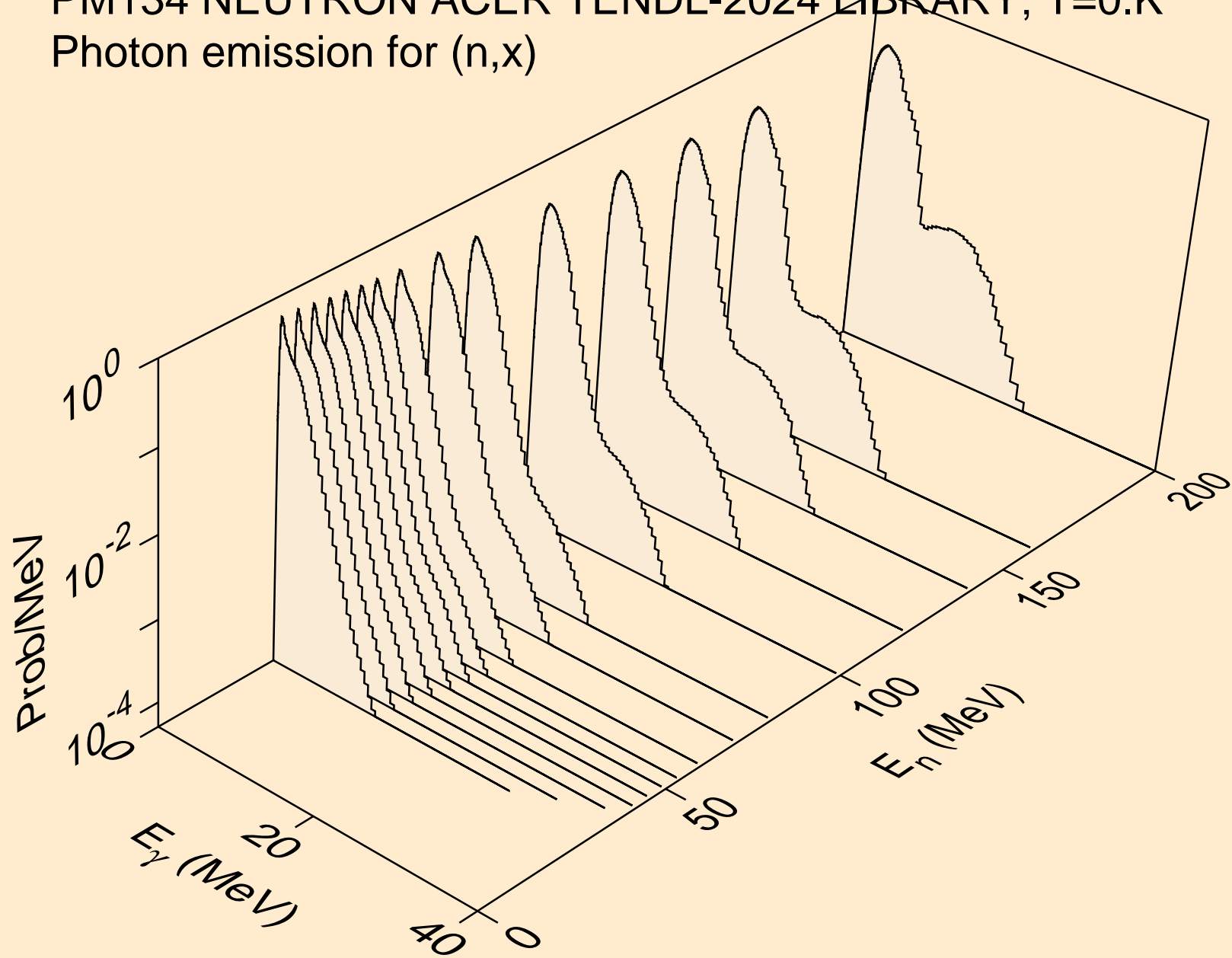
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



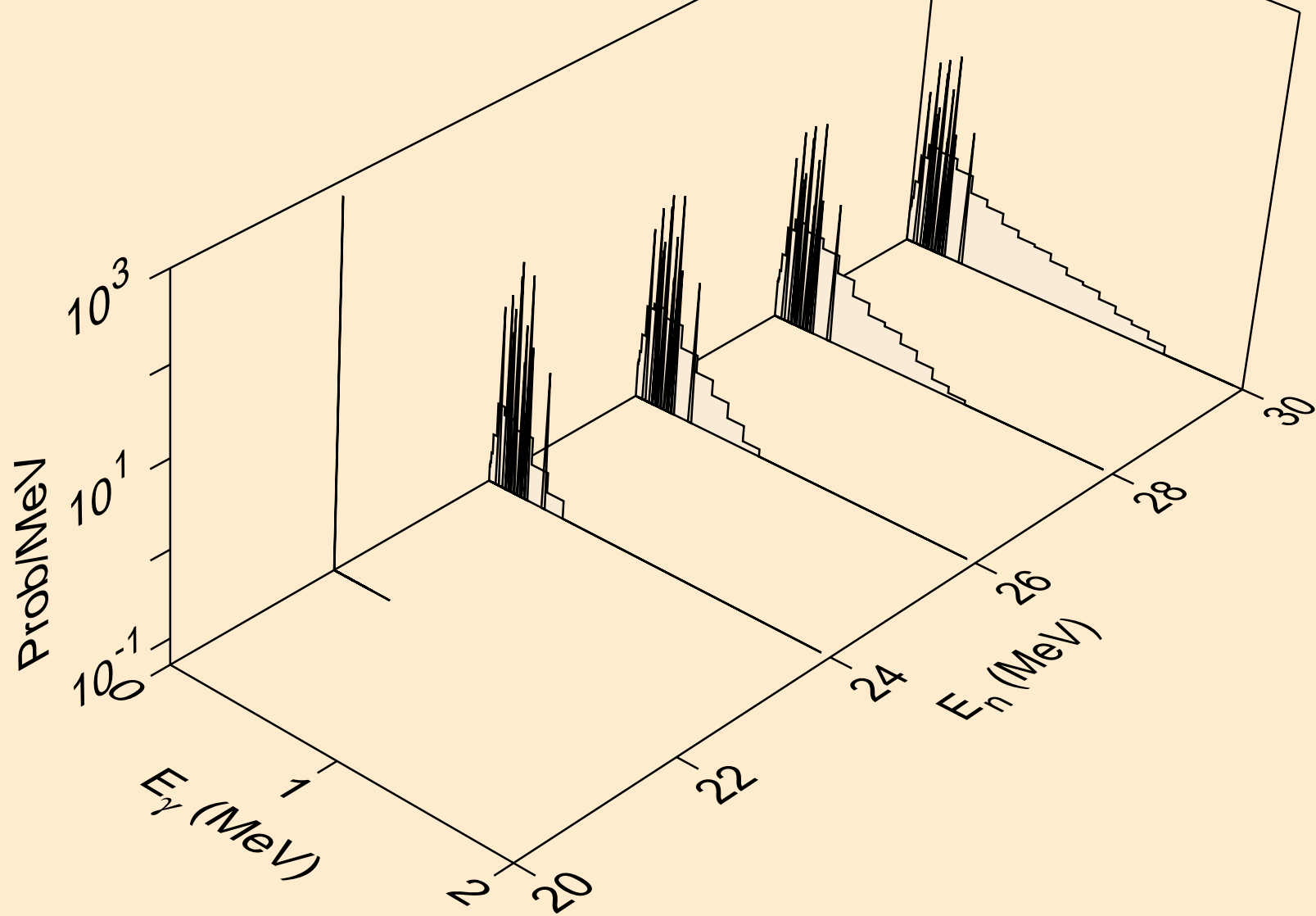
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



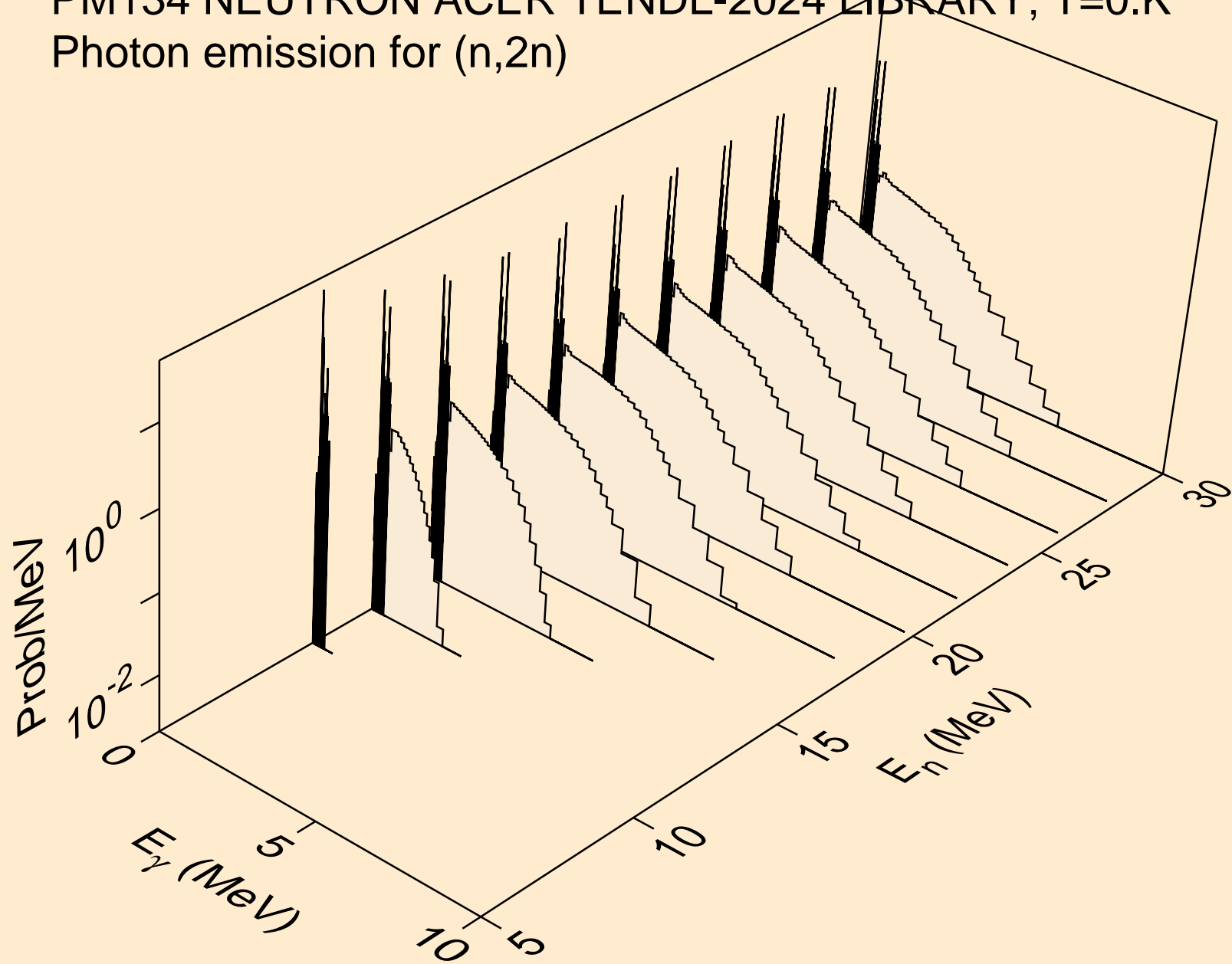
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

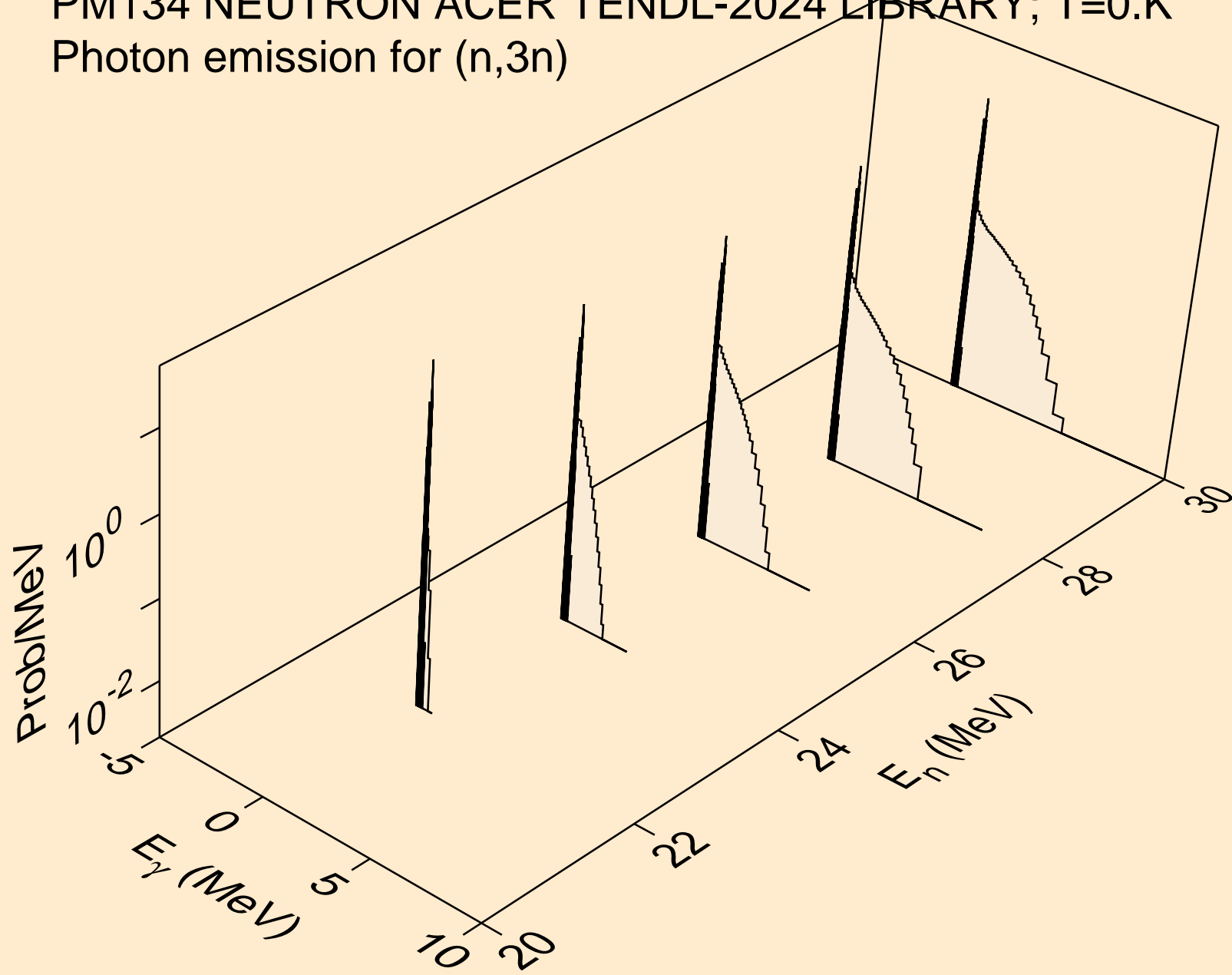


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

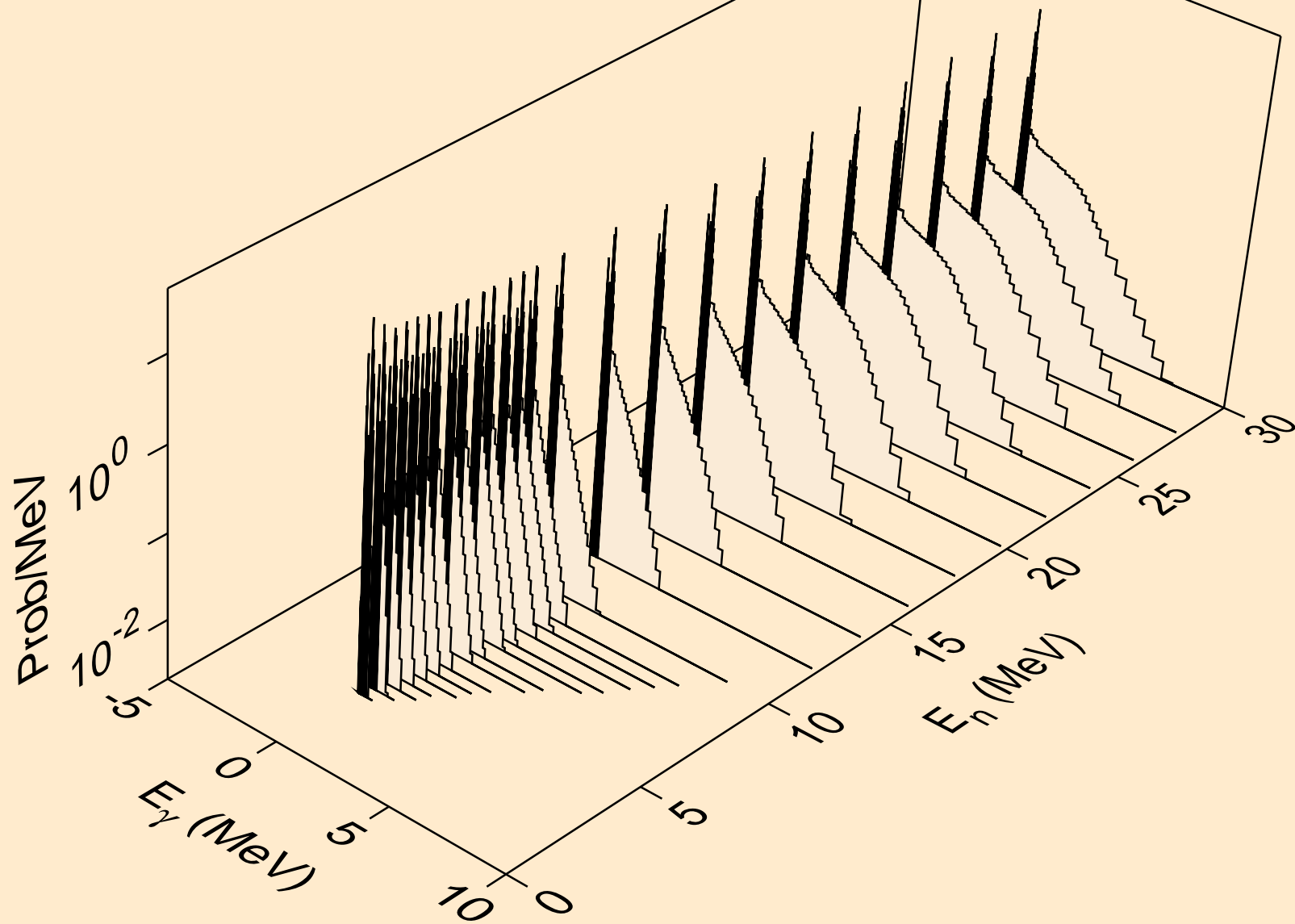




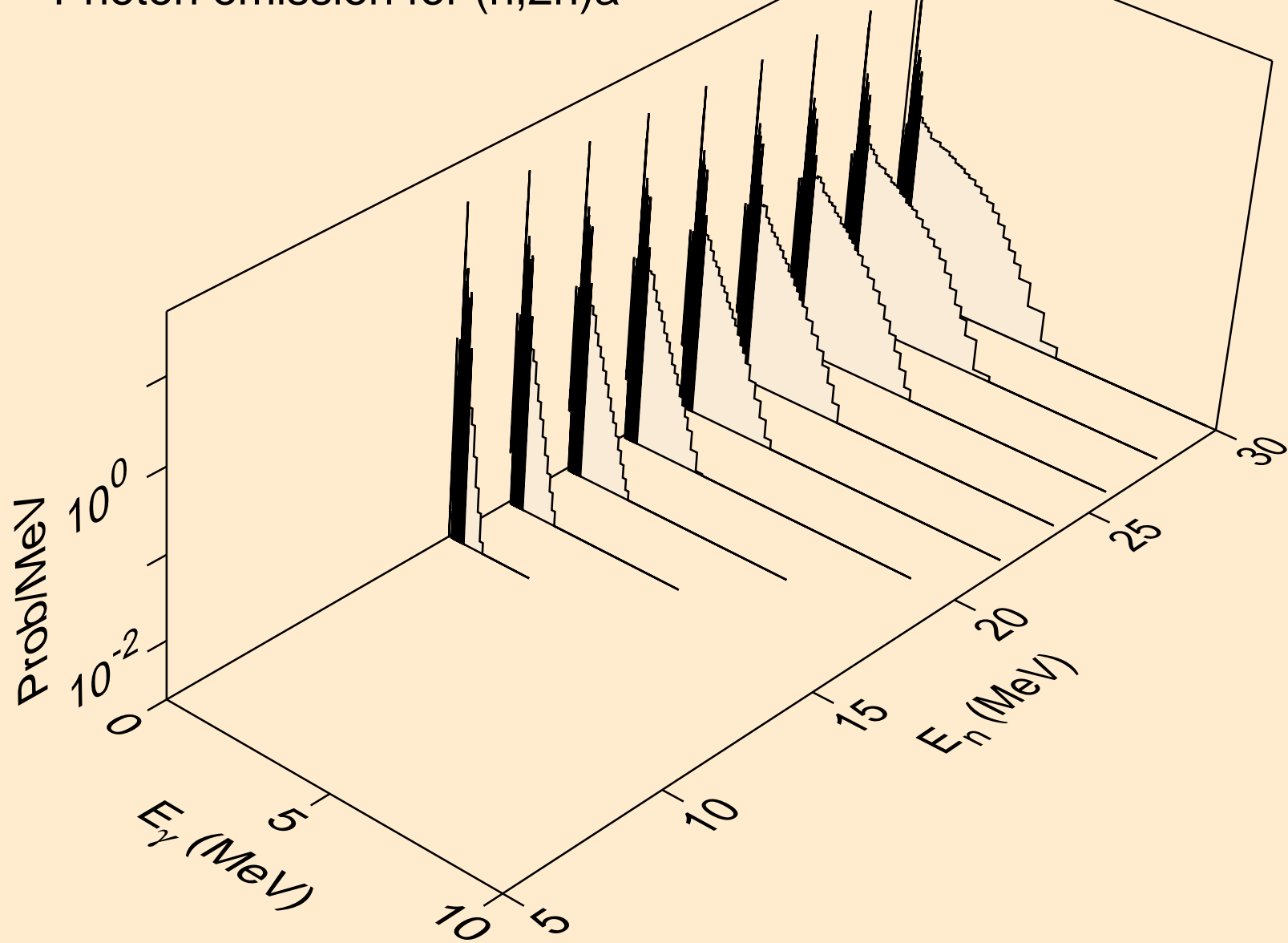
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



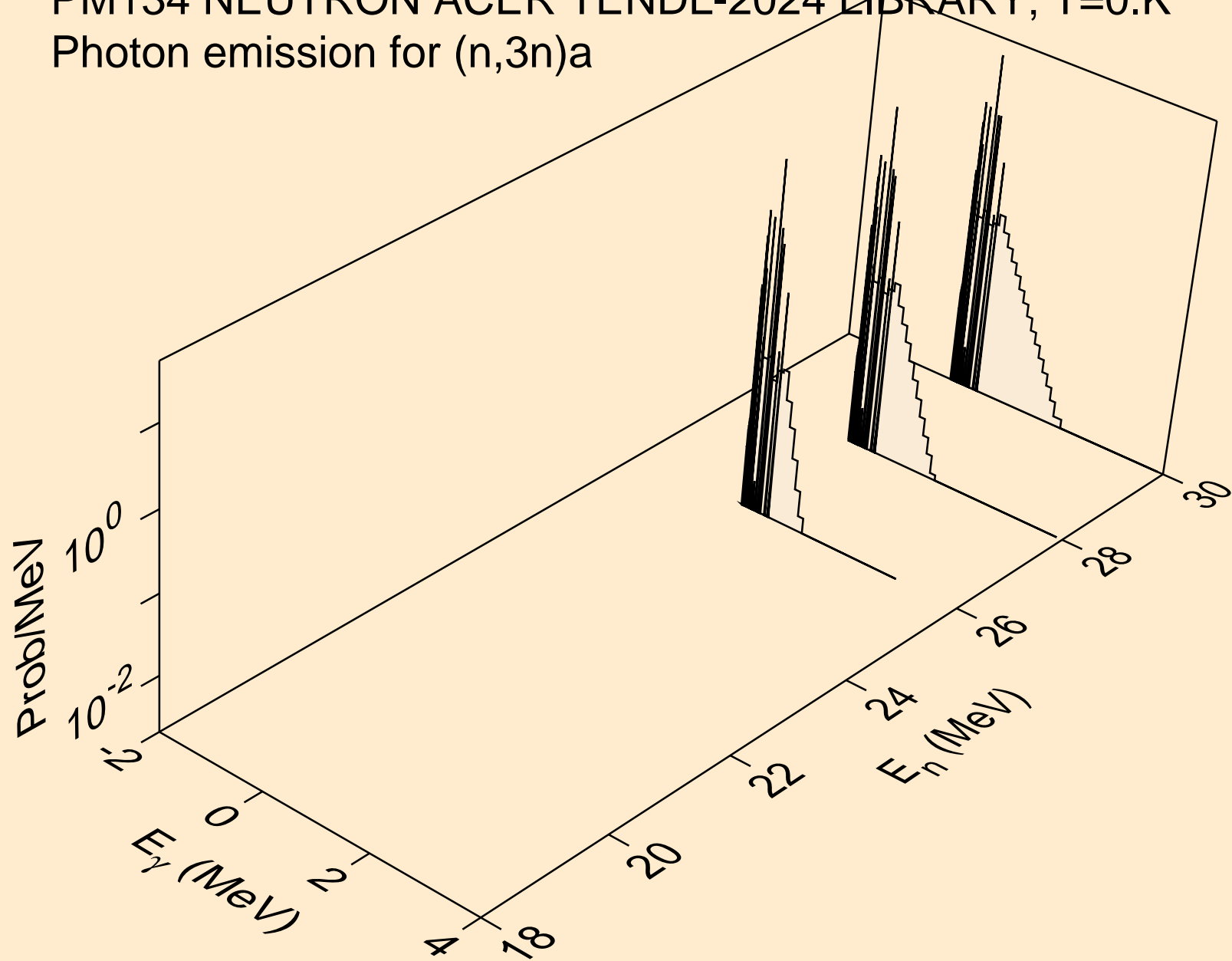
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



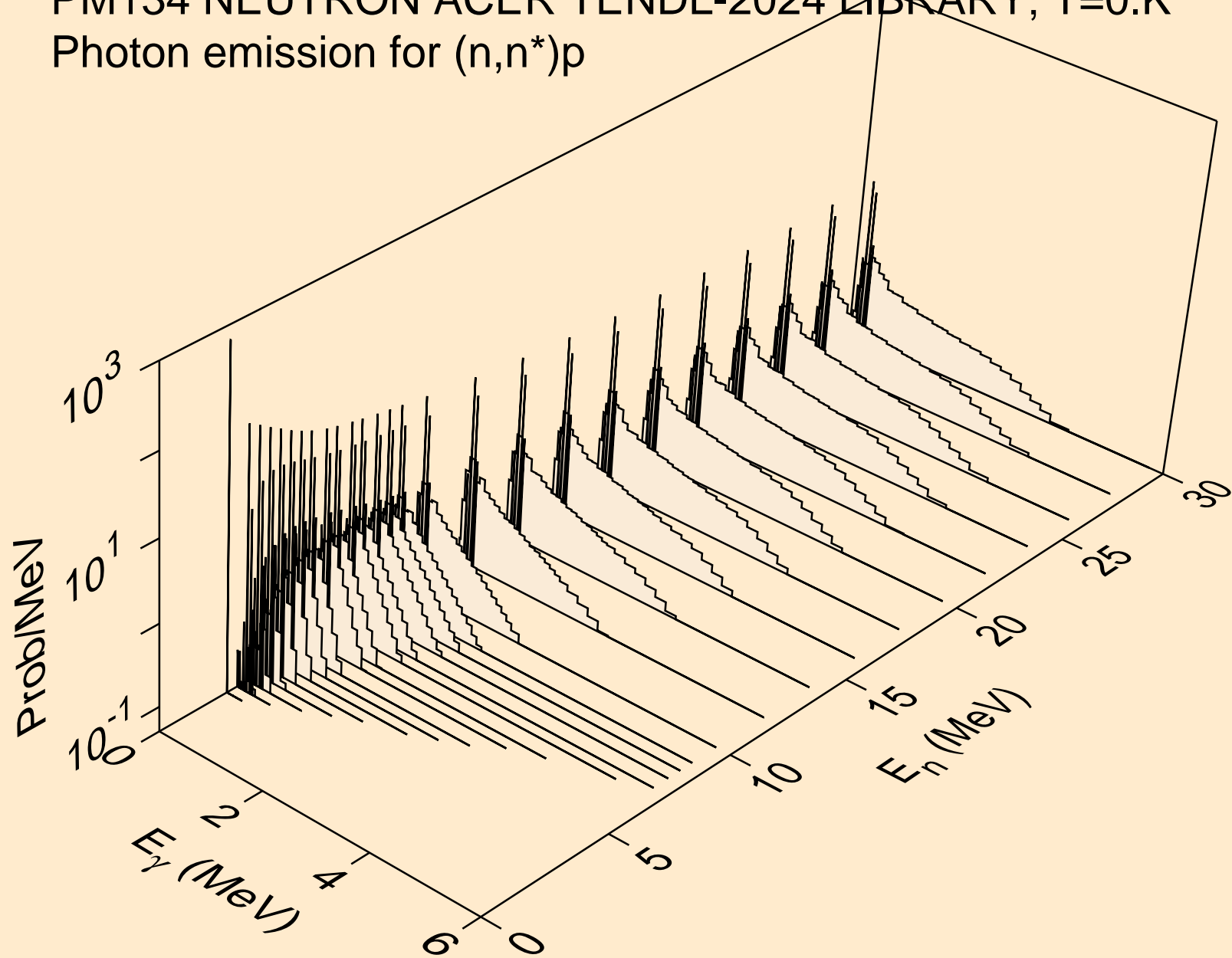
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



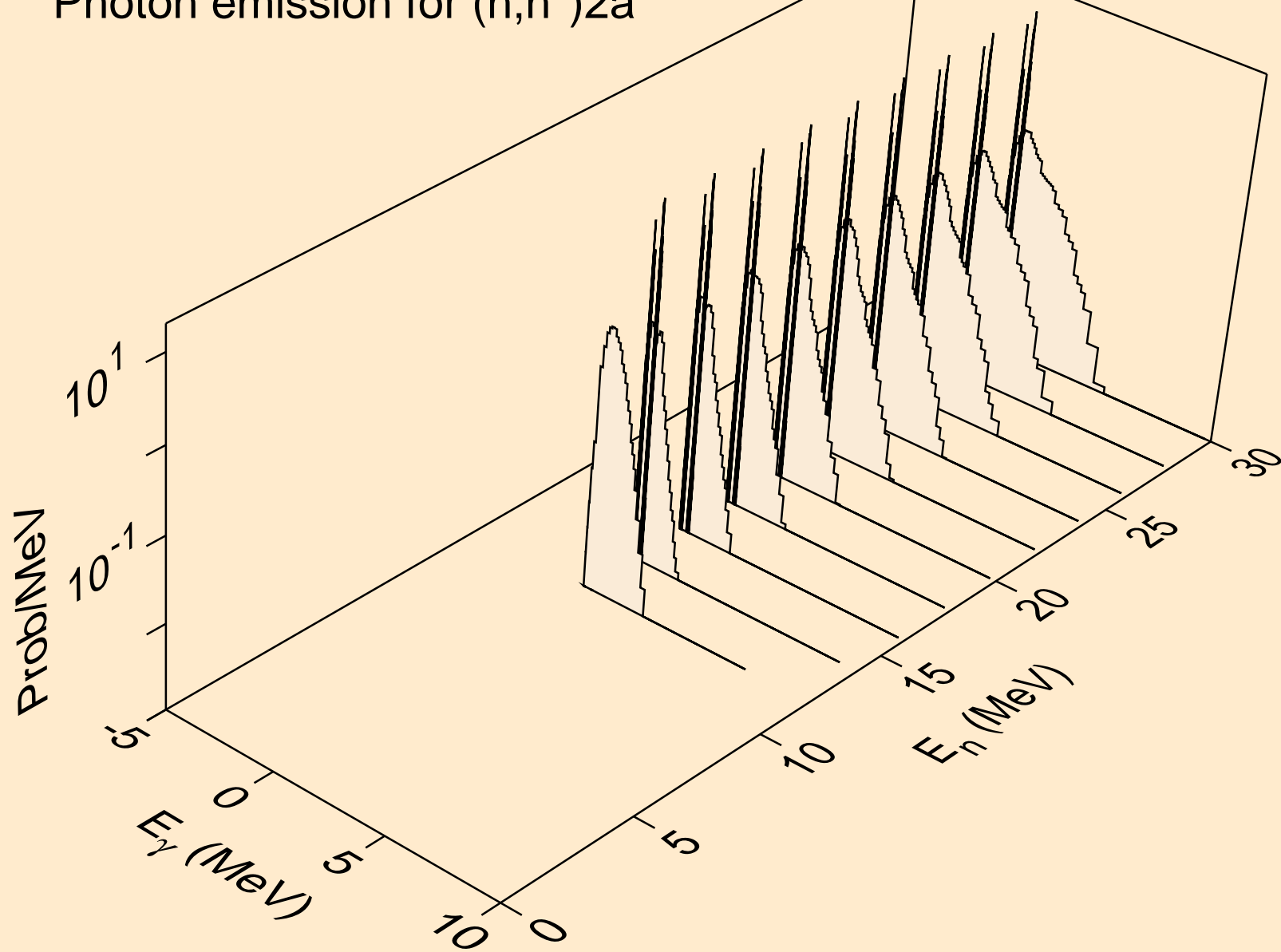
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



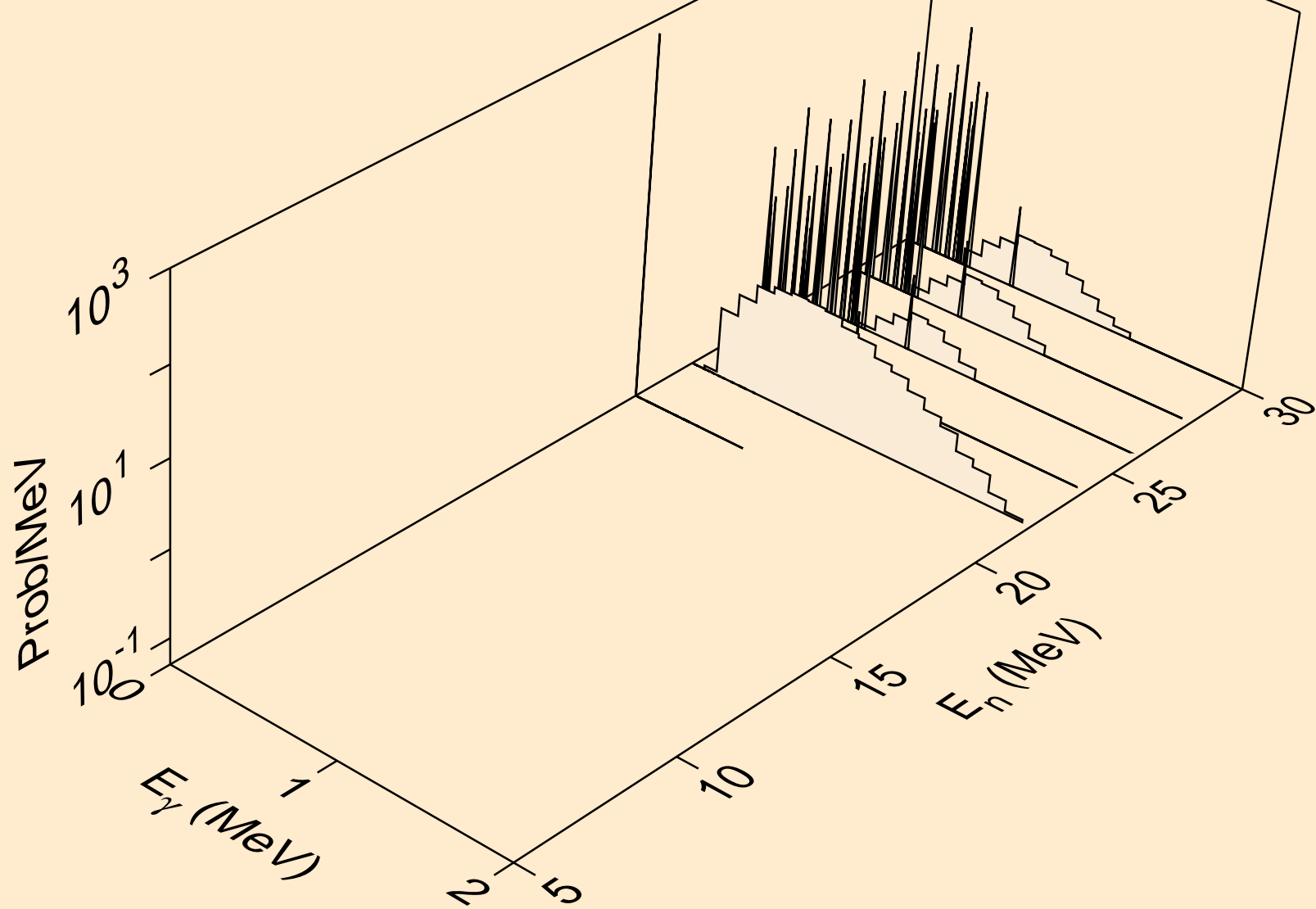
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



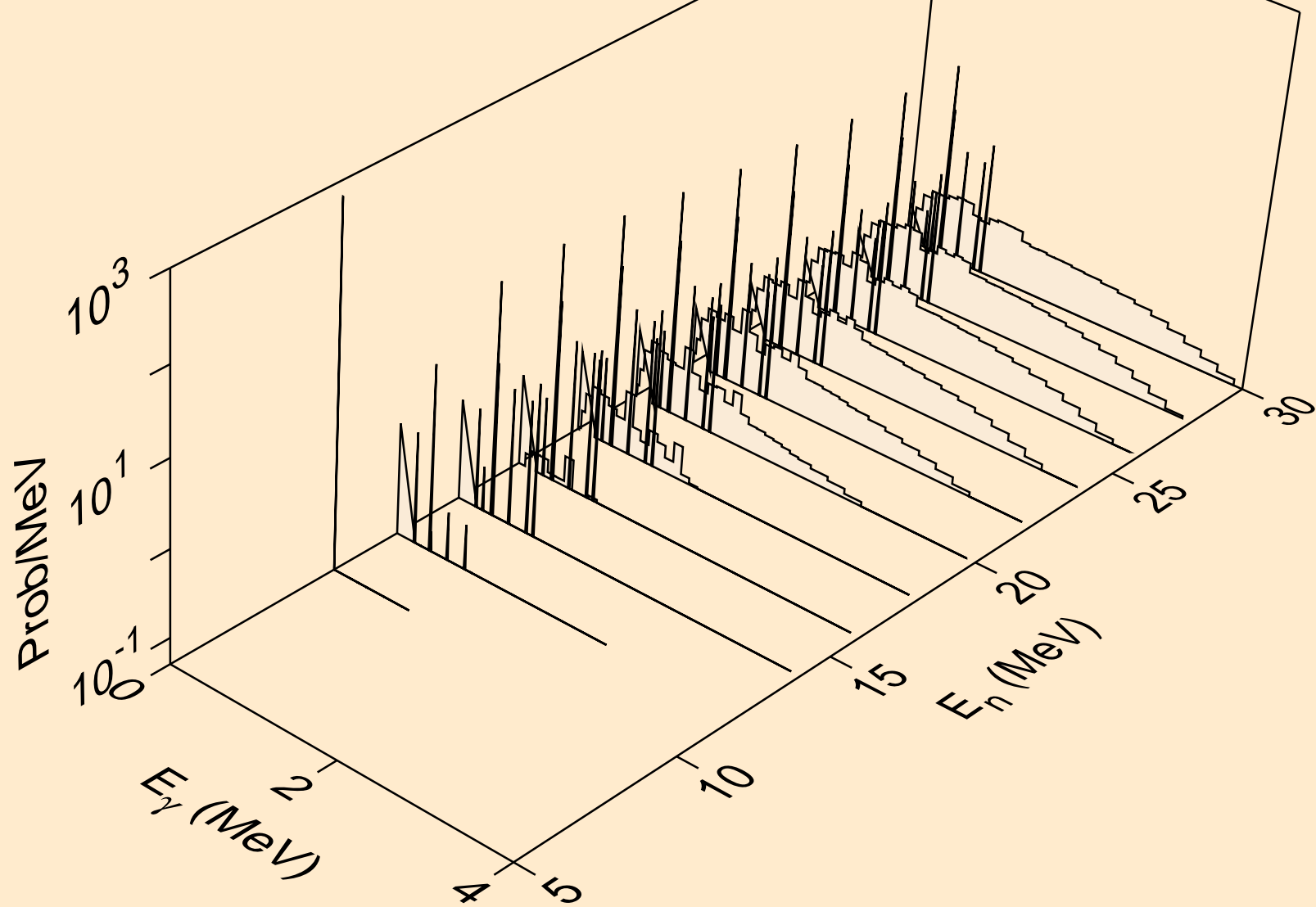
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

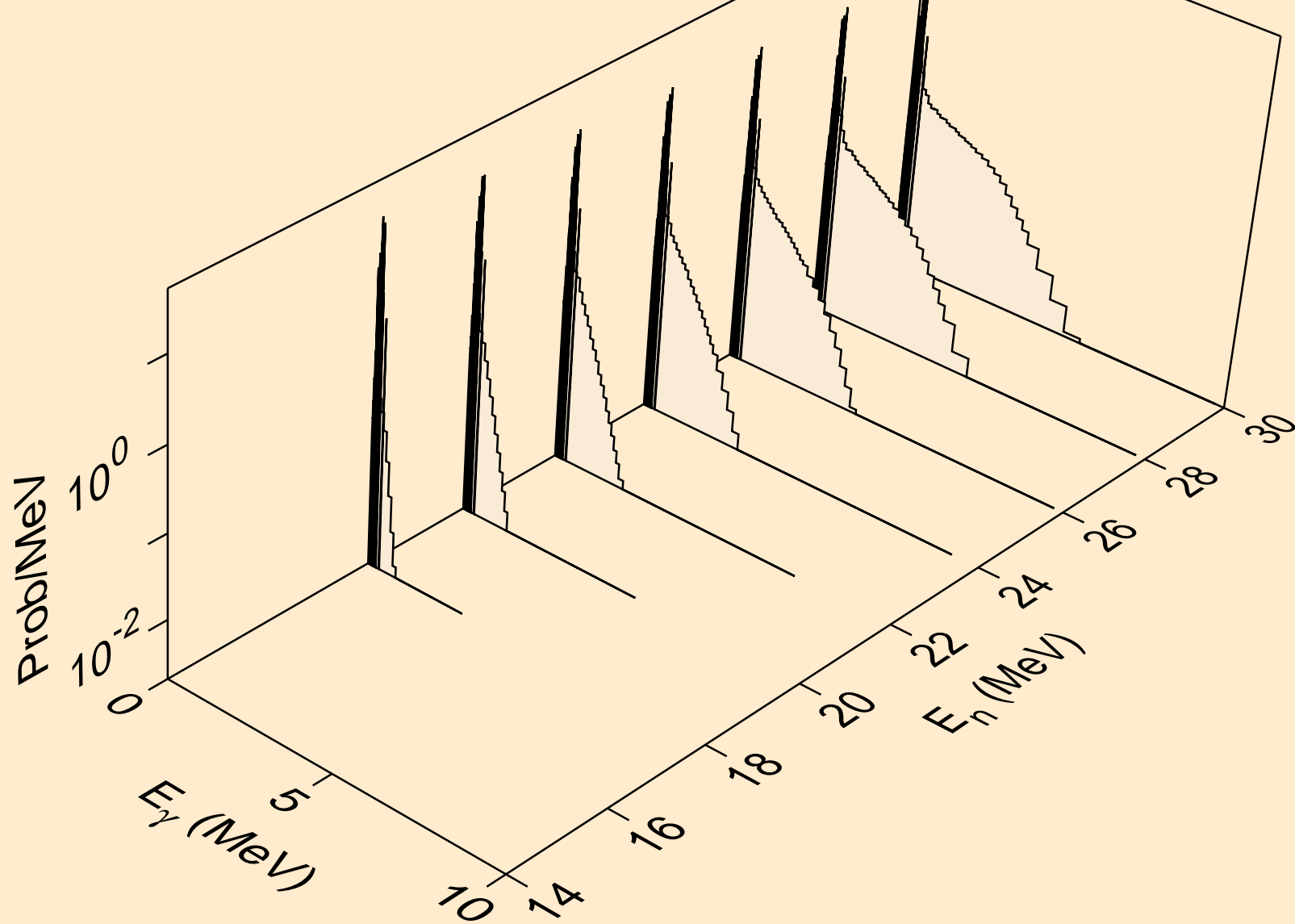


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

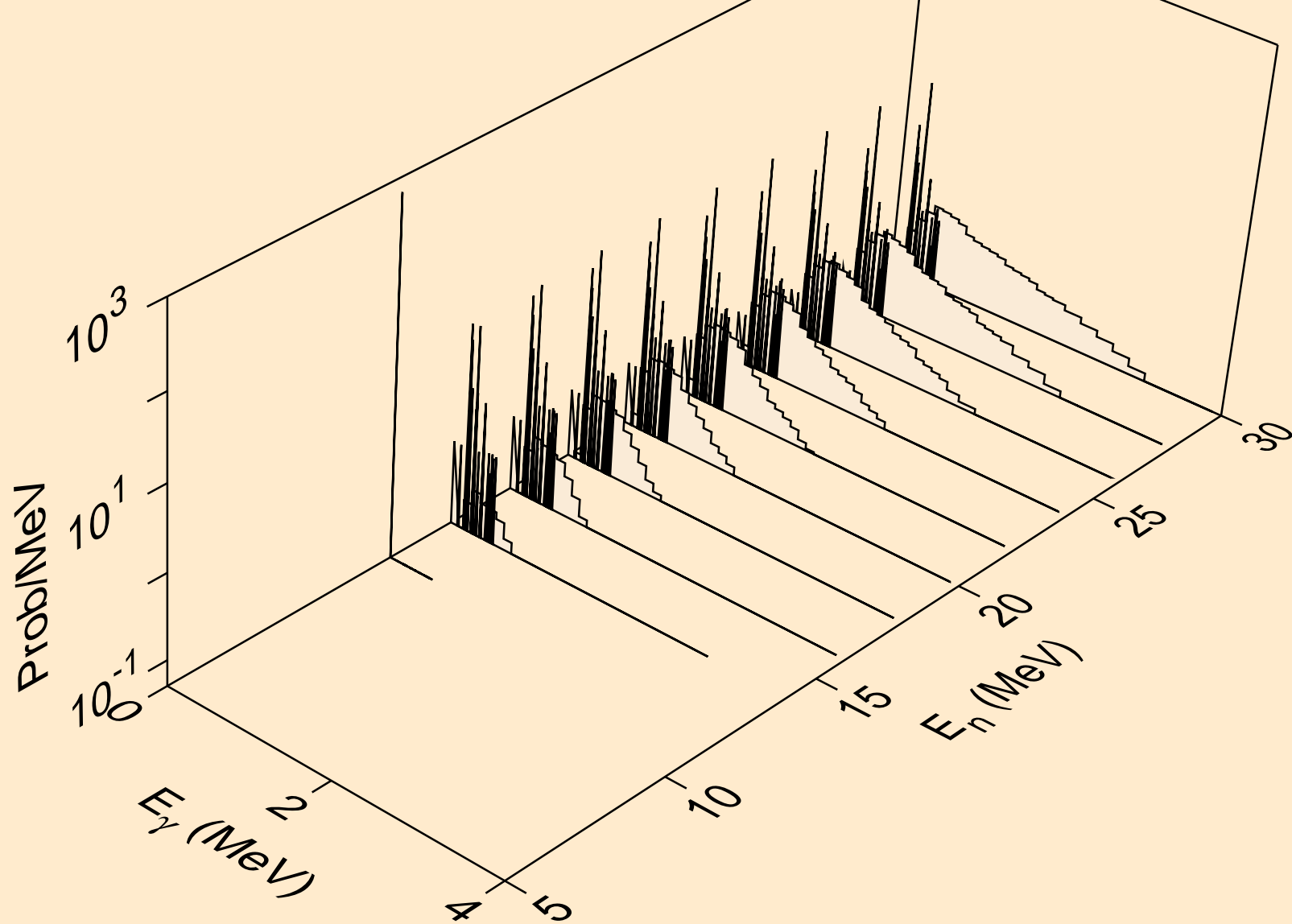




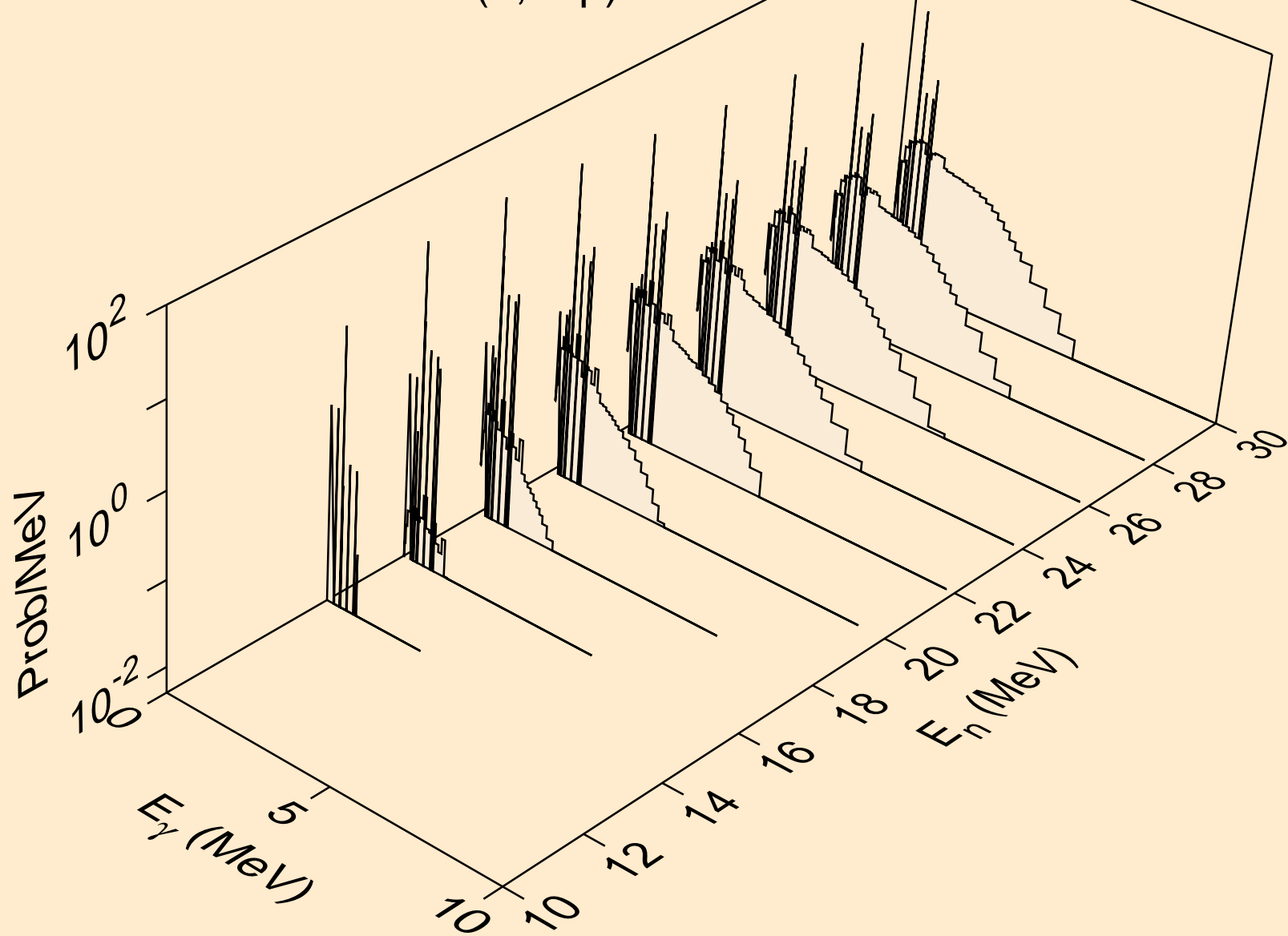
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



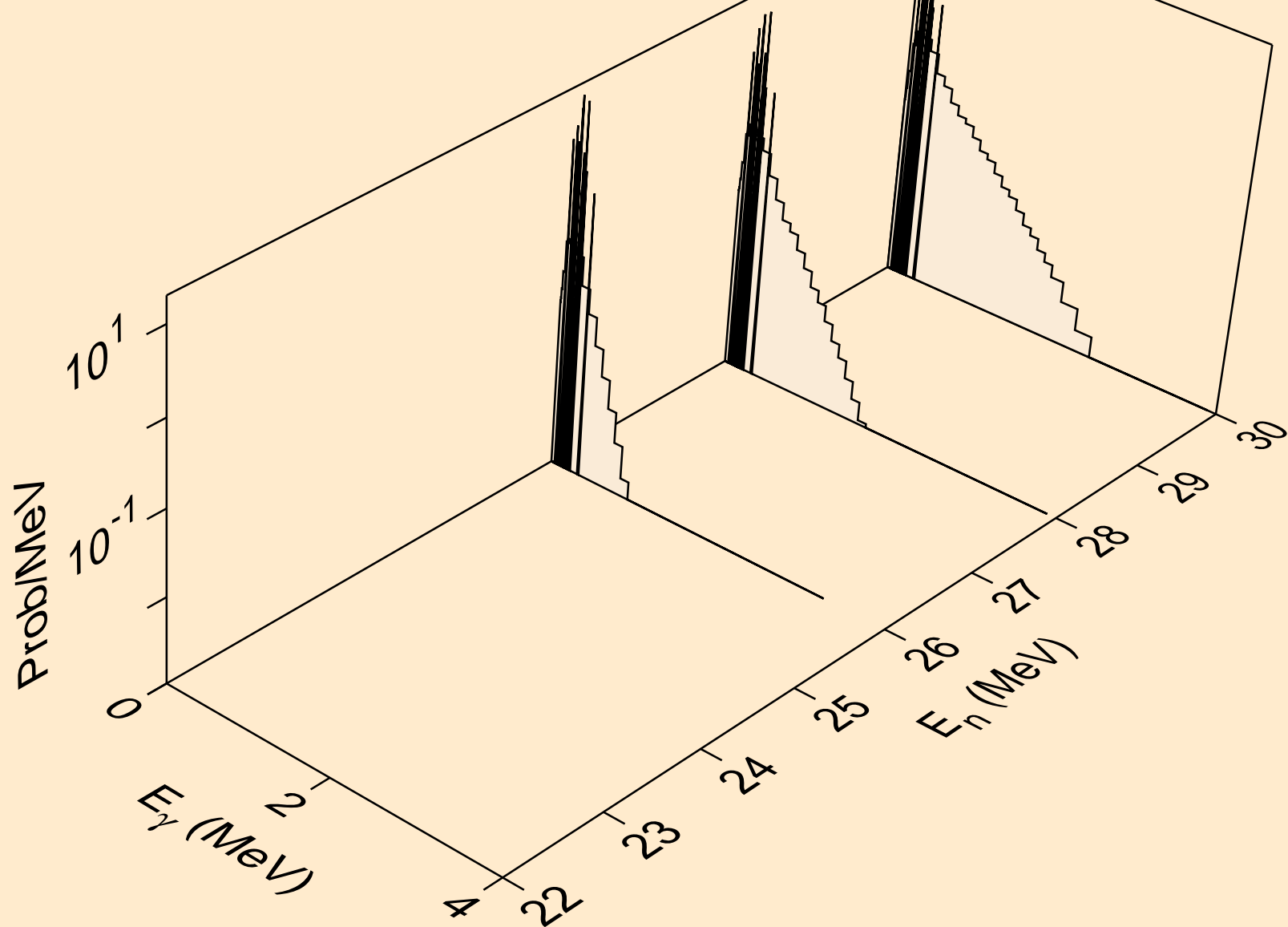
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



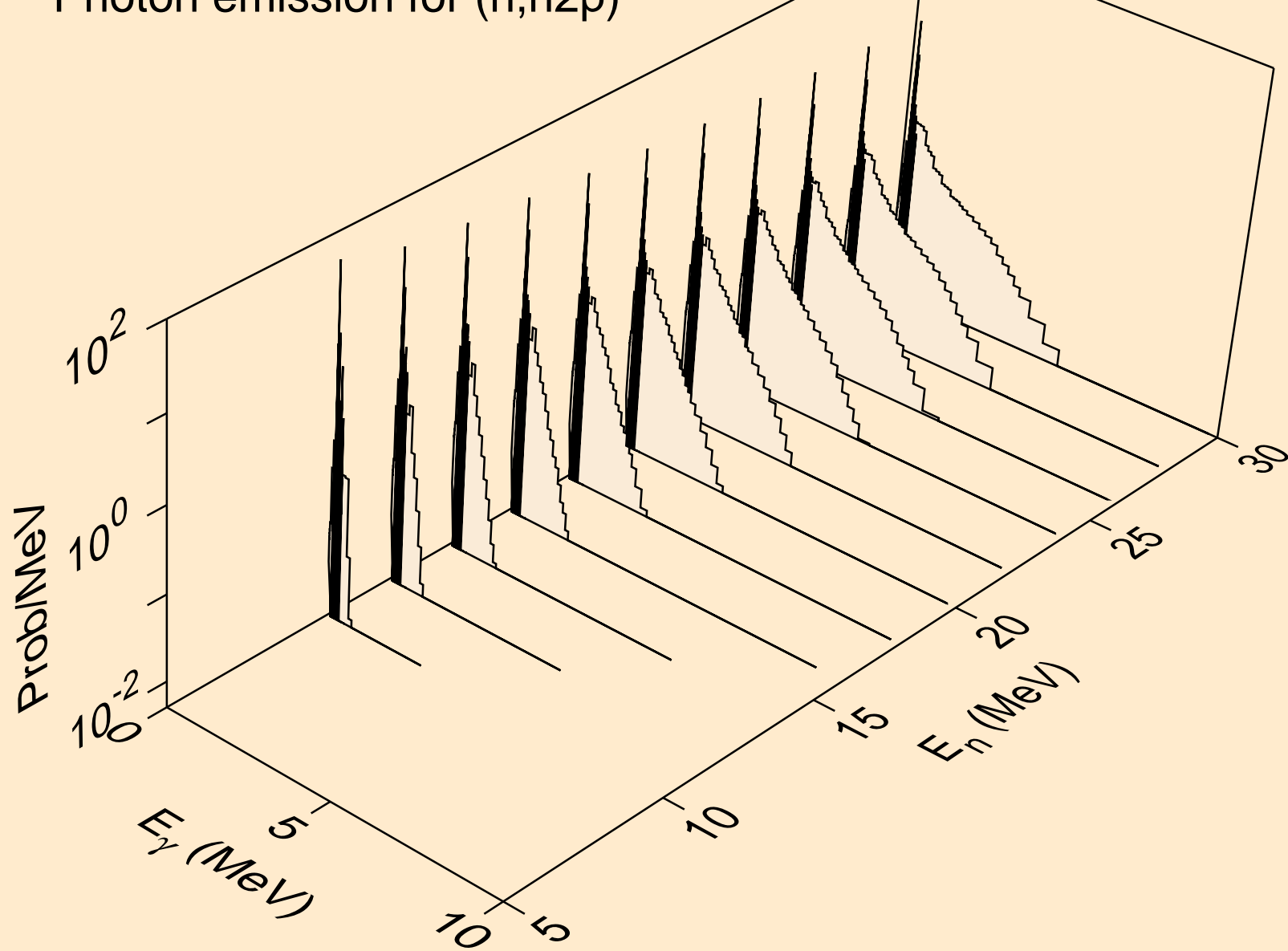
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



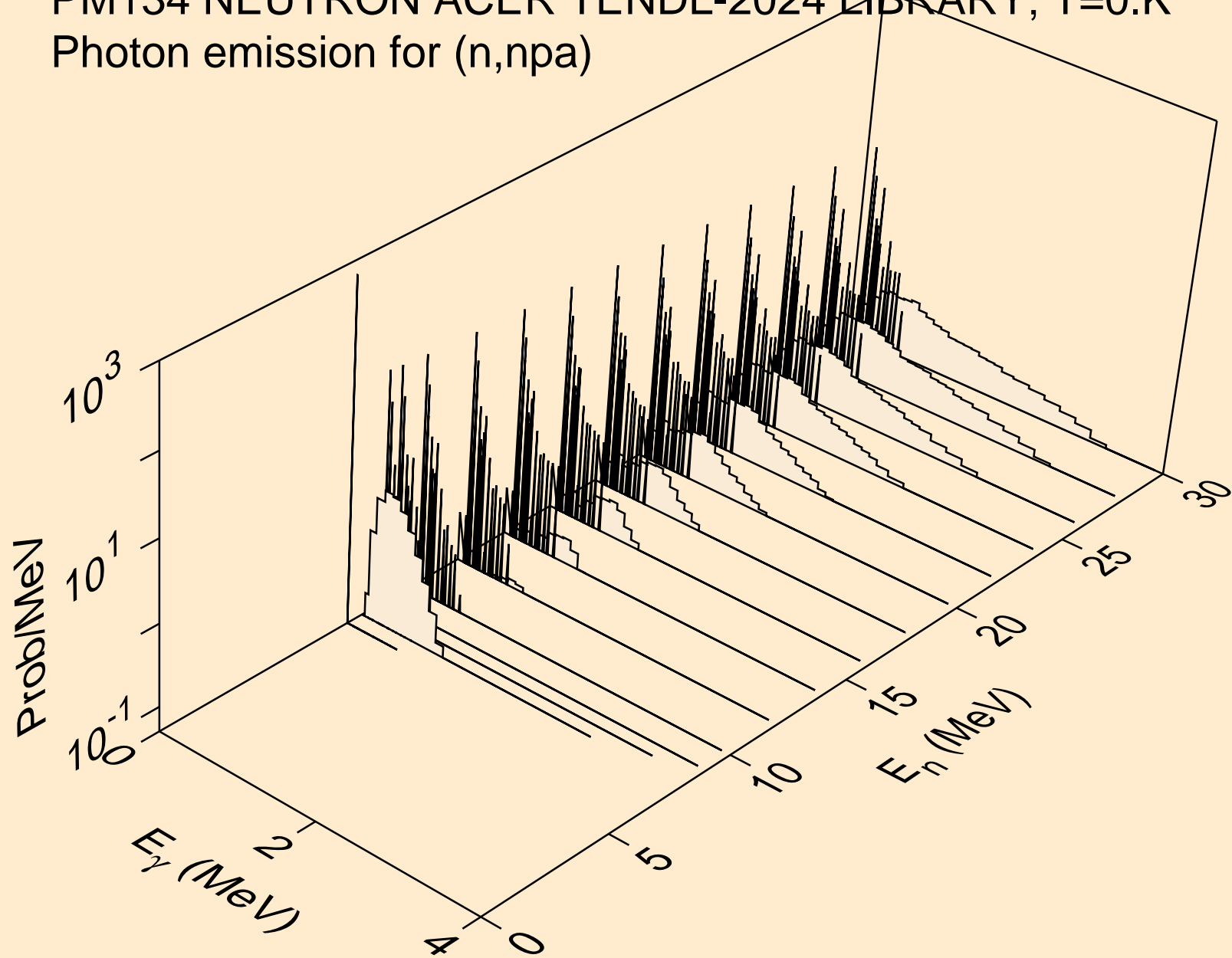
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



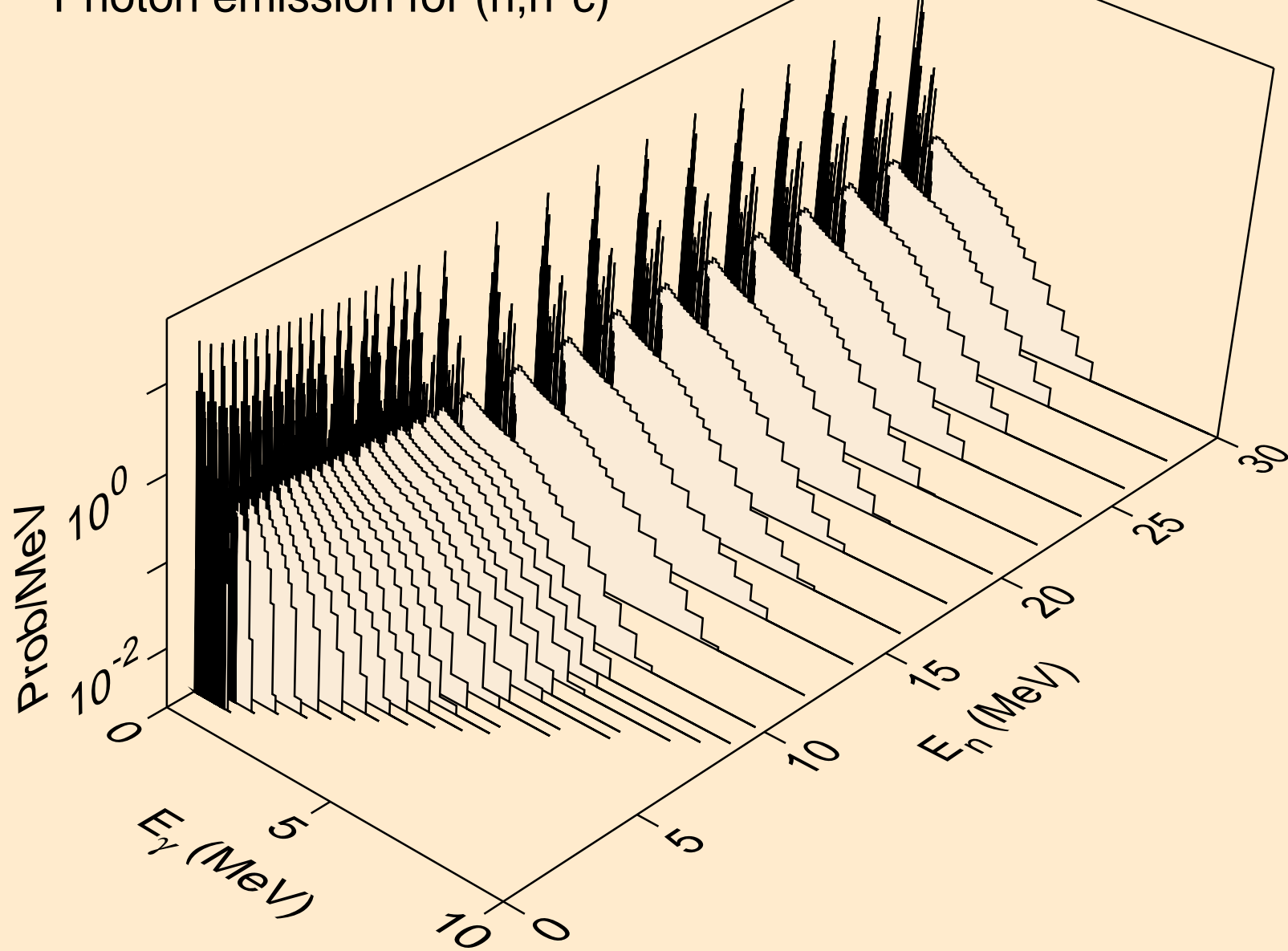
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



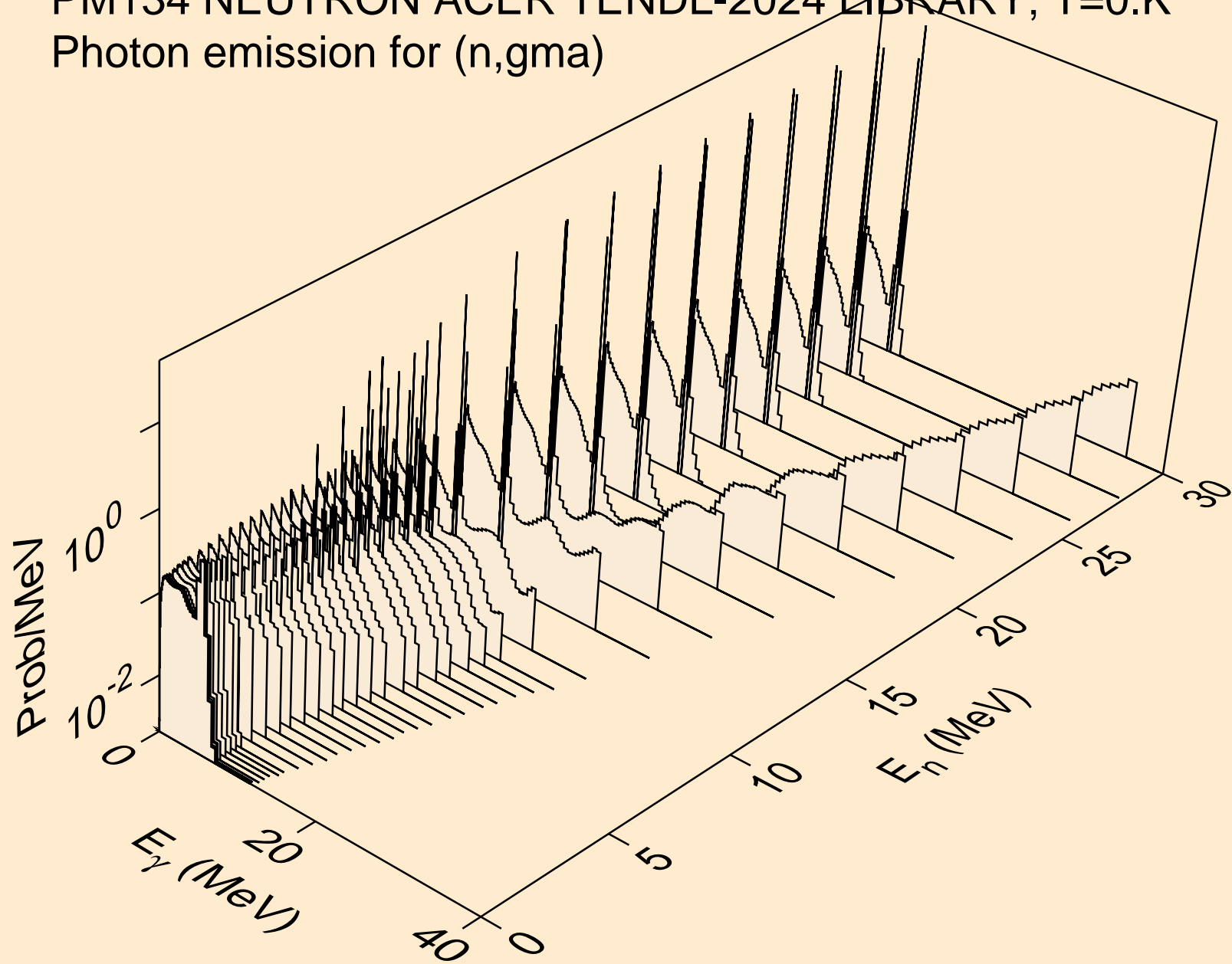
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

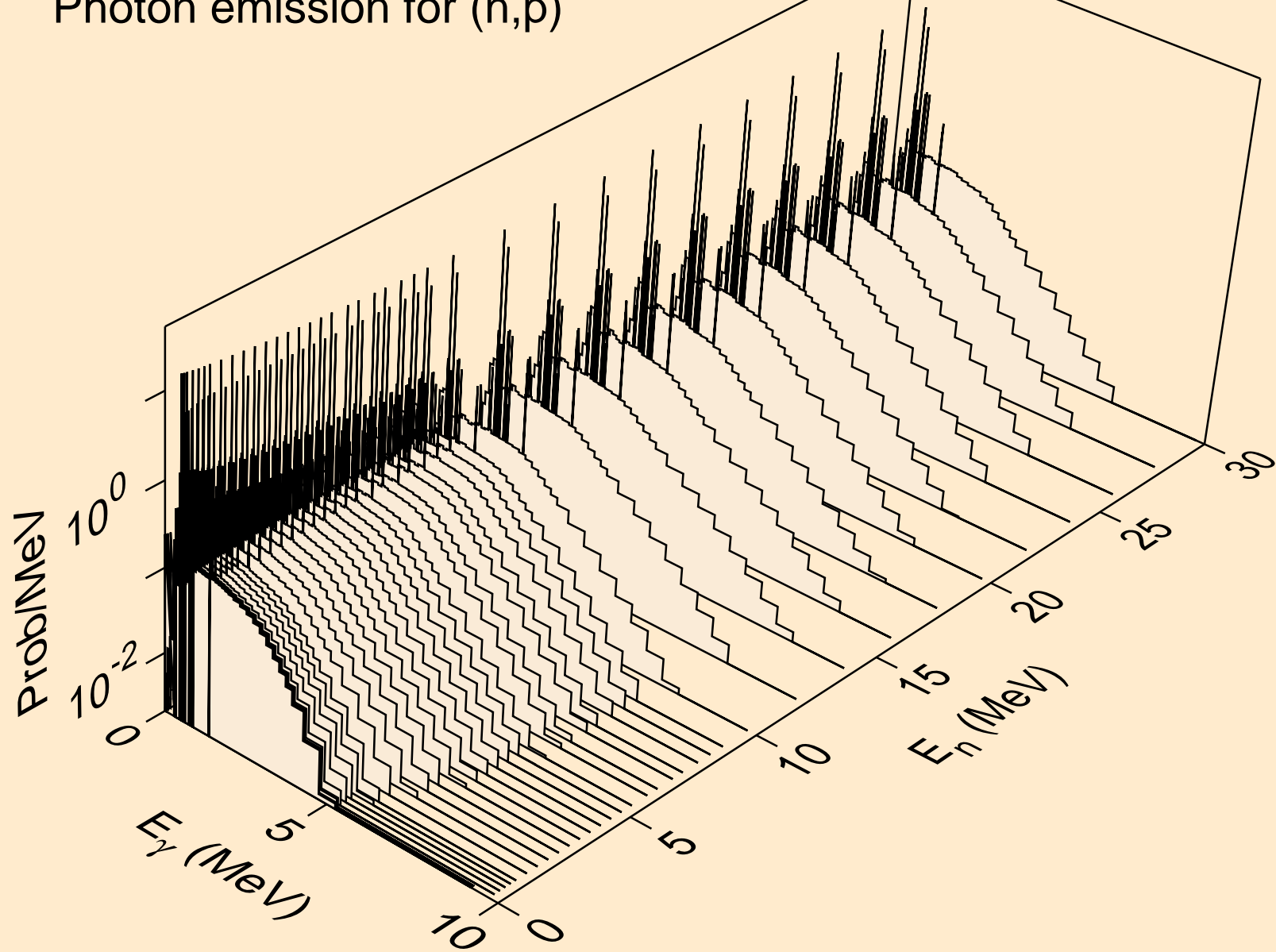


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

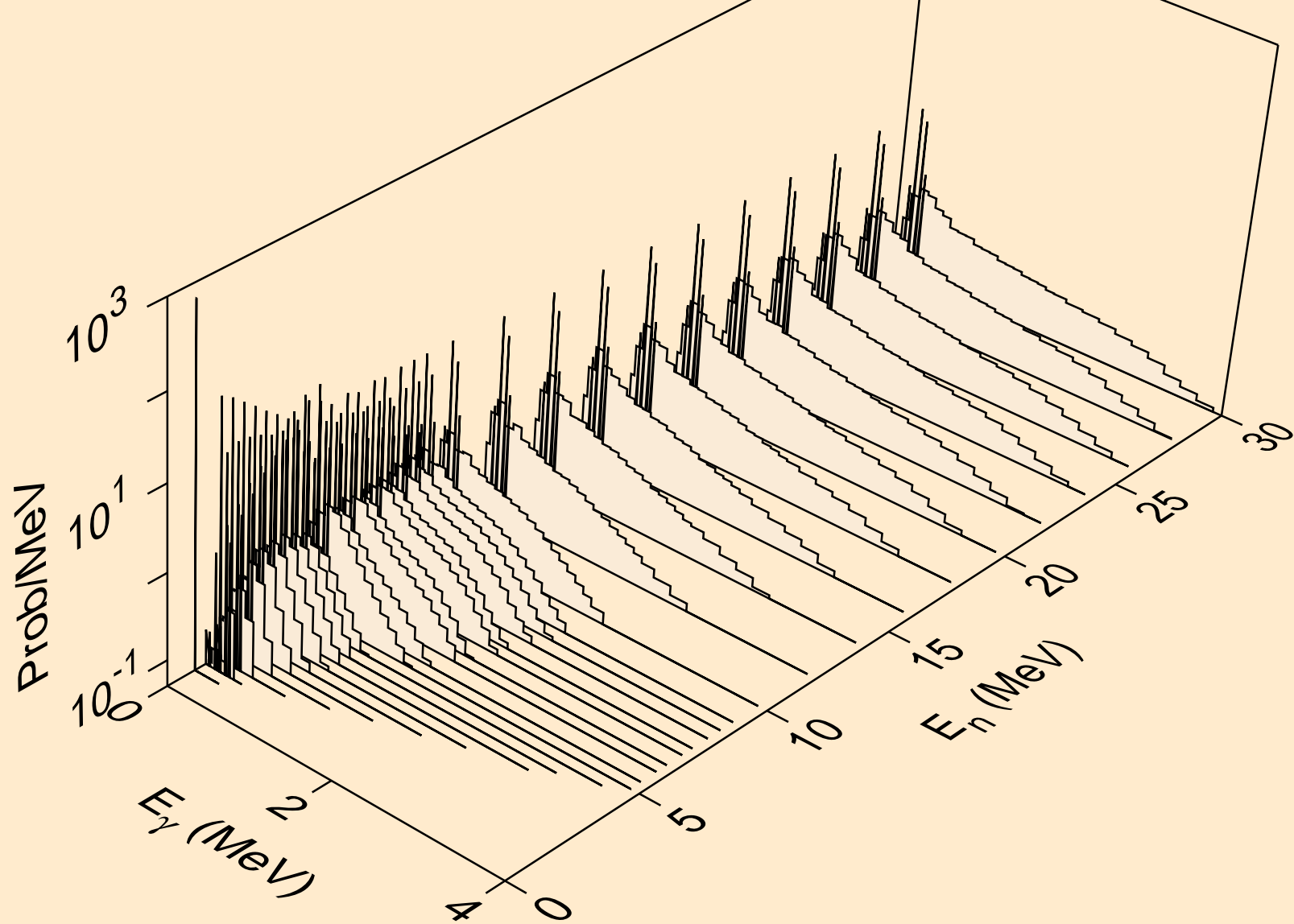




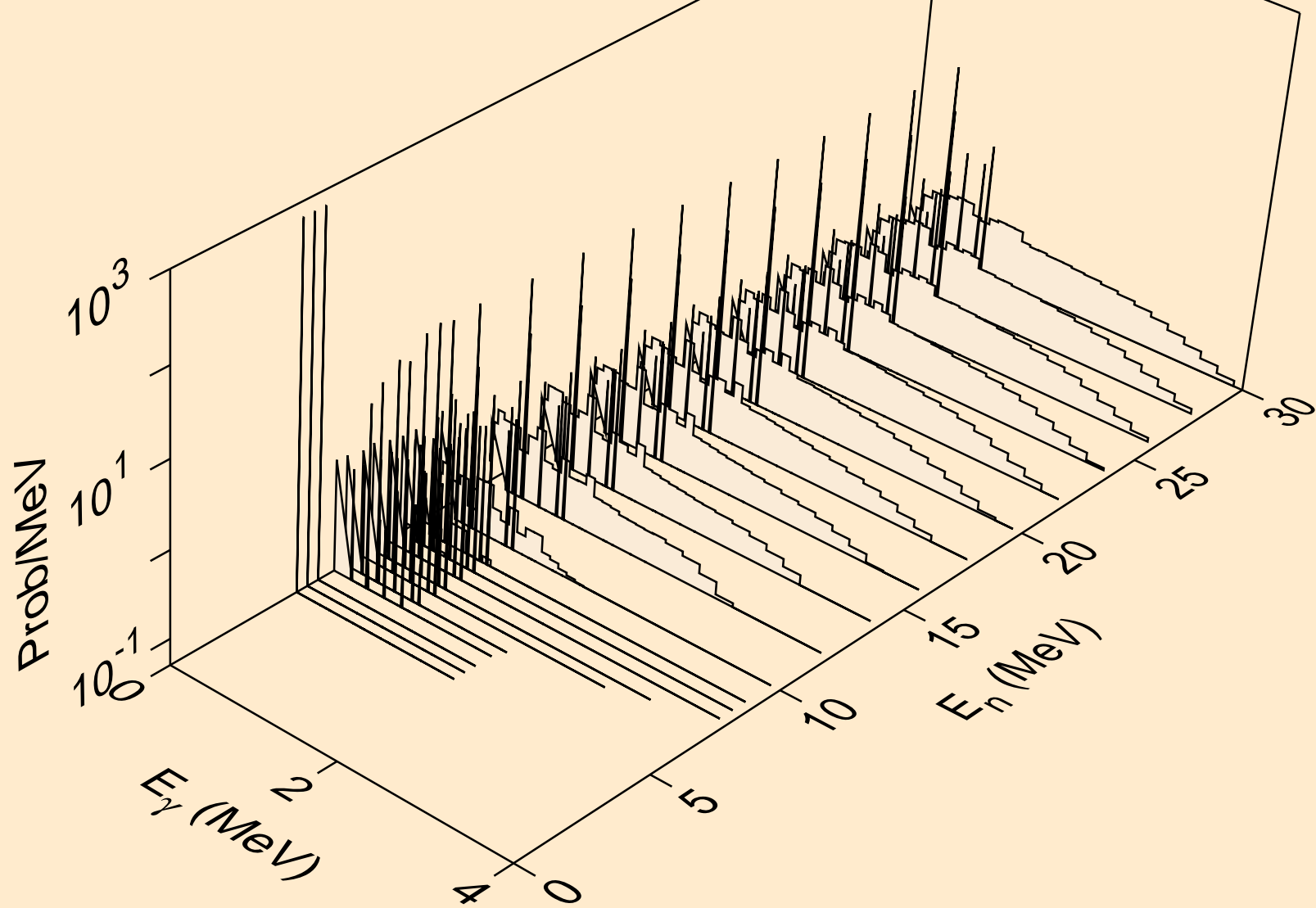
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



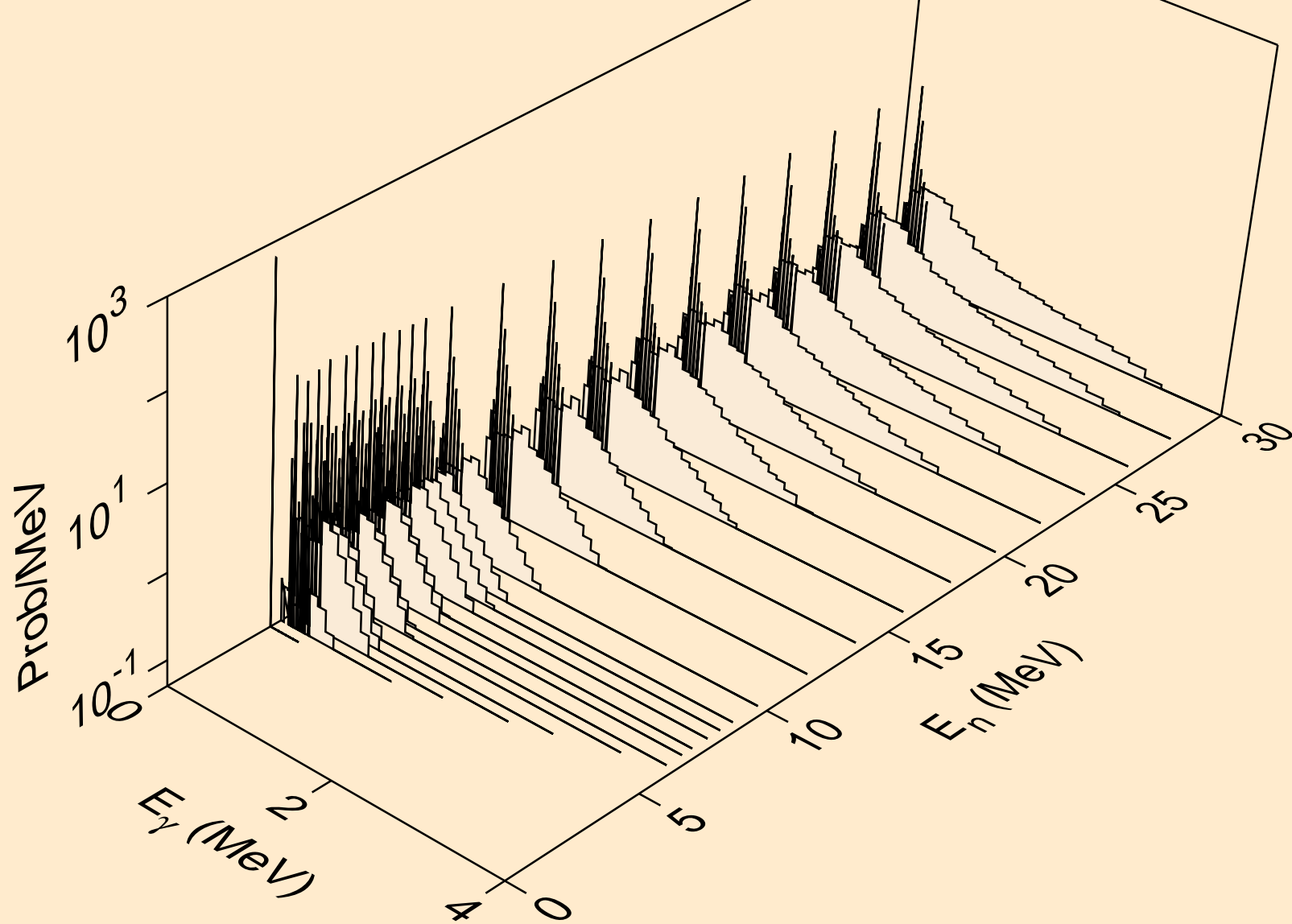
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



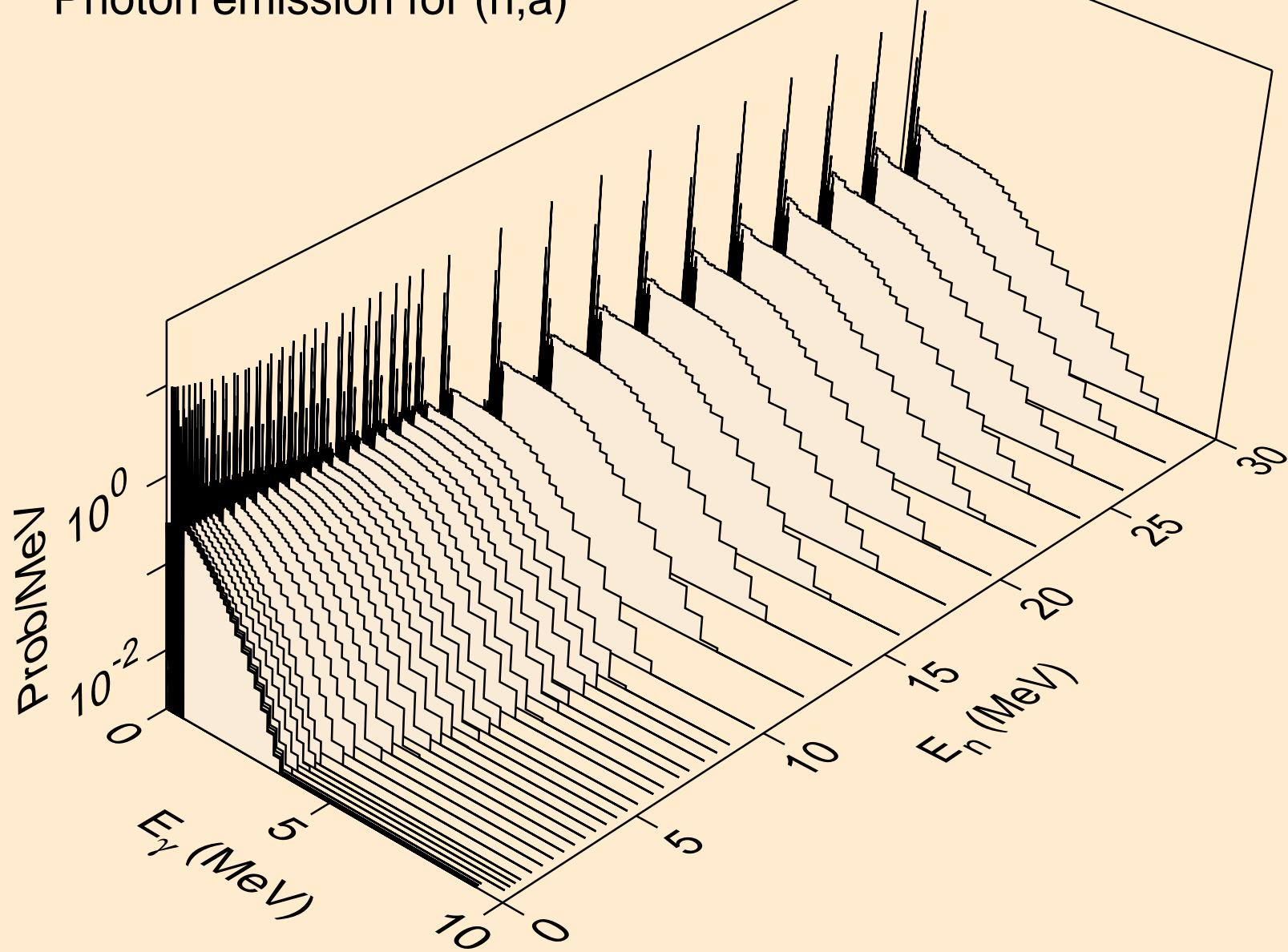
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



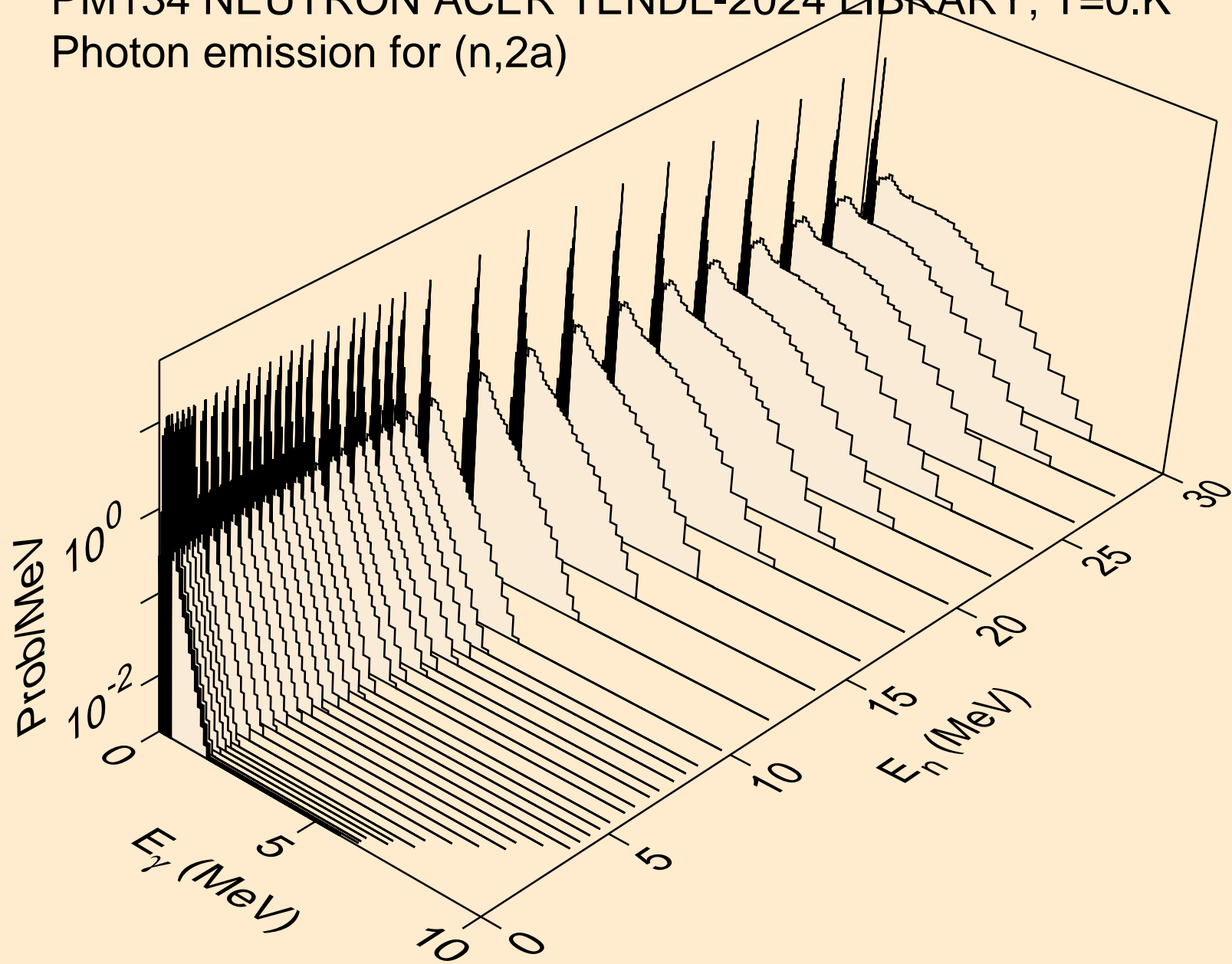
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



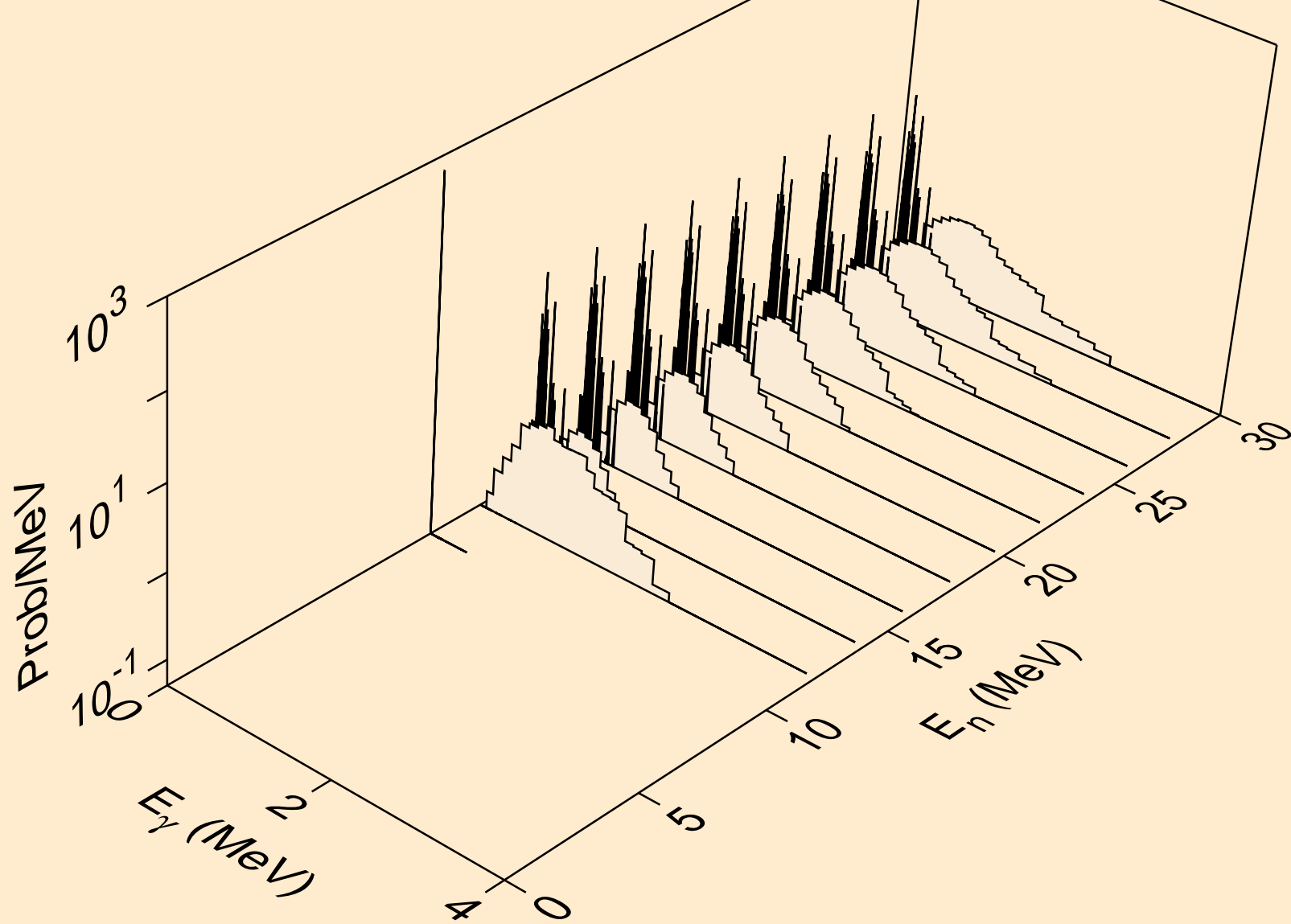
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



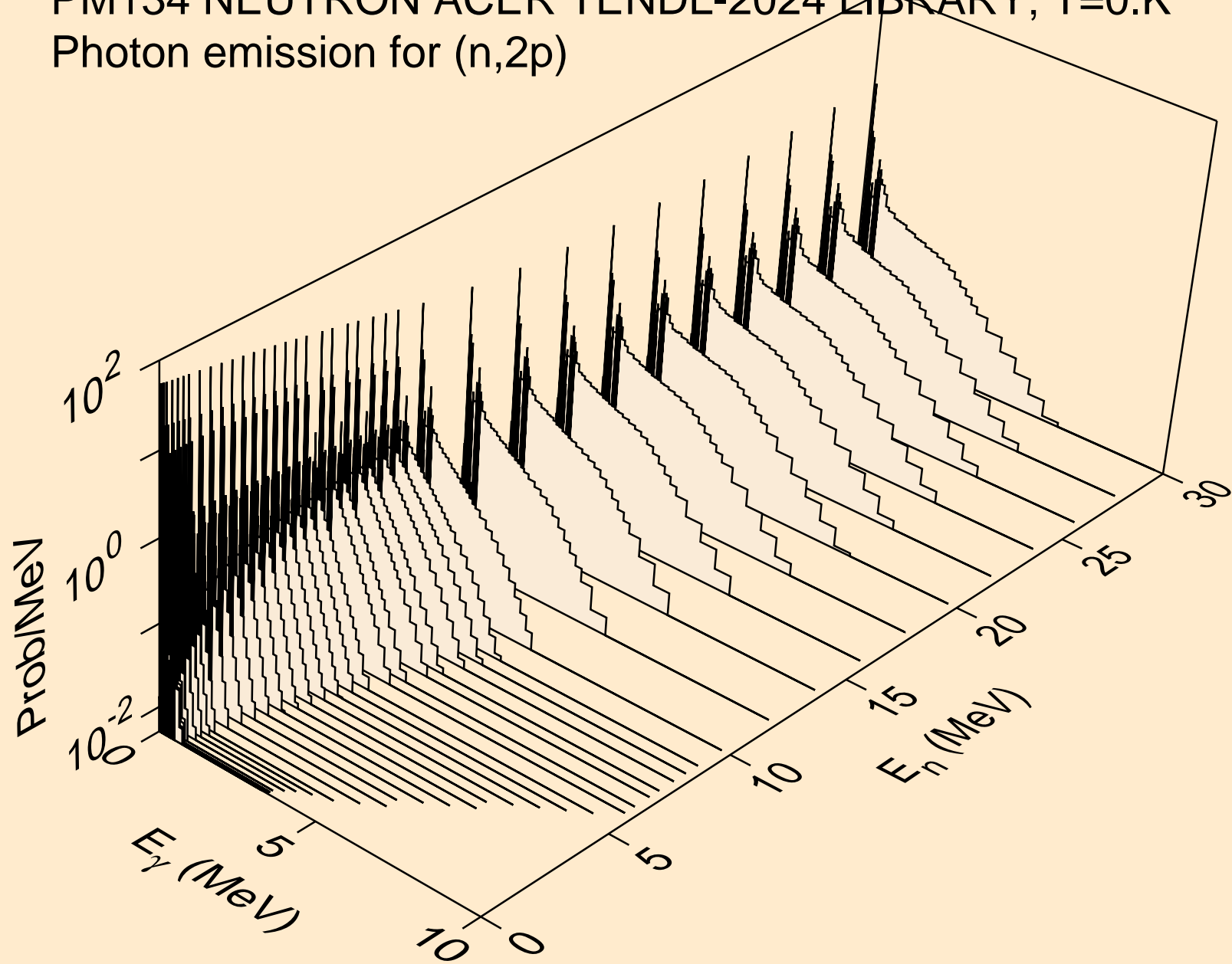
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)

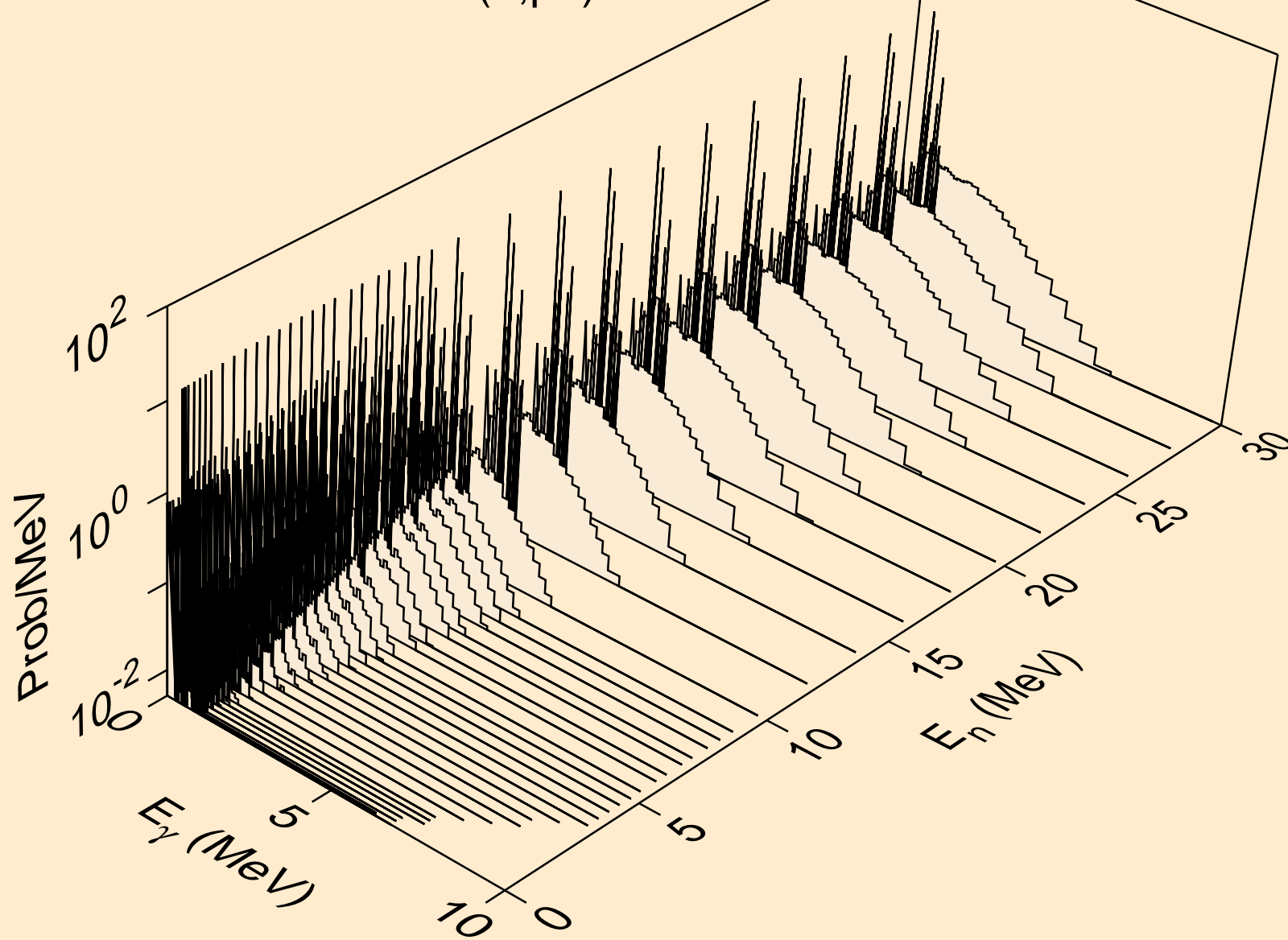


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

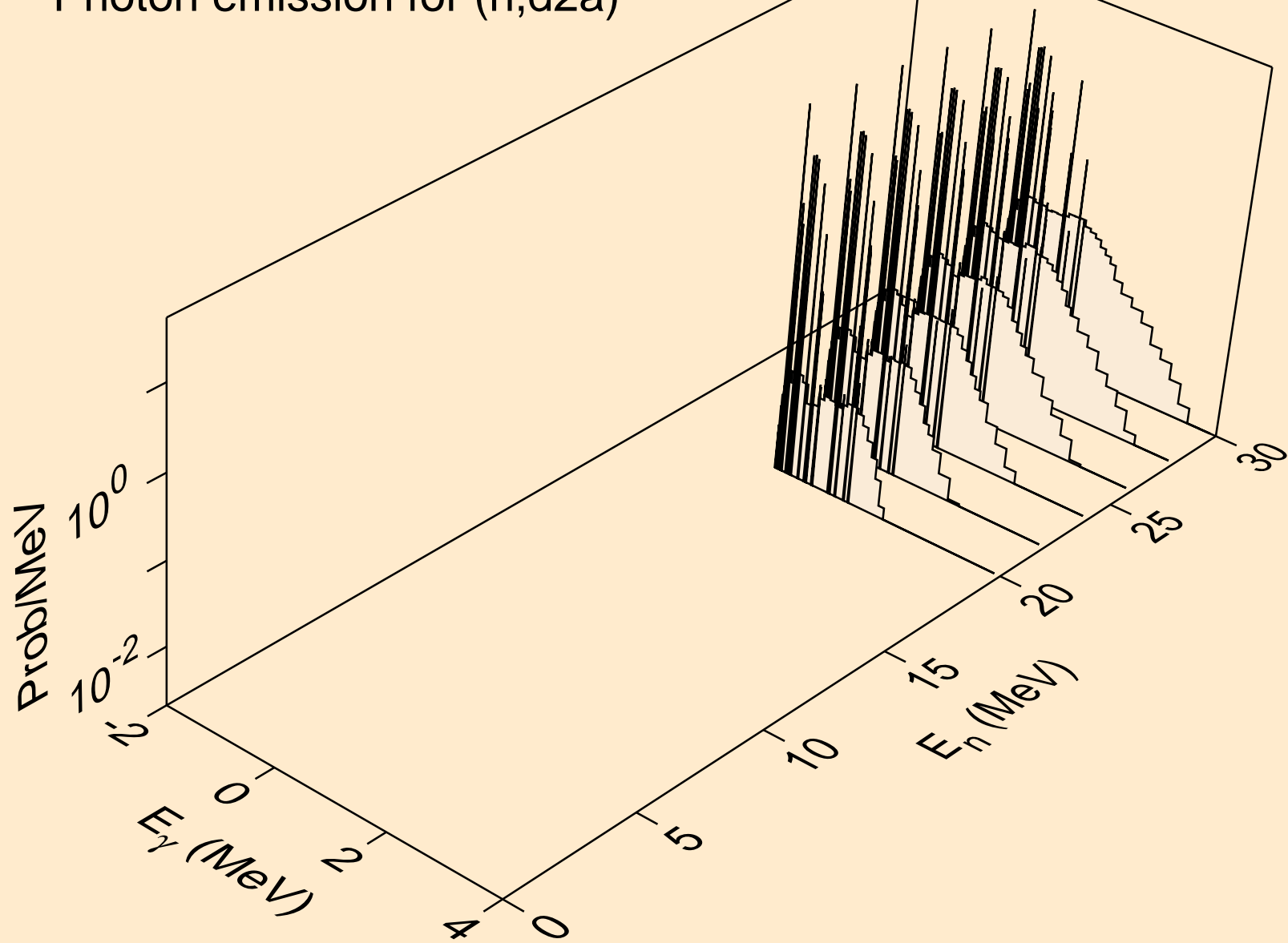




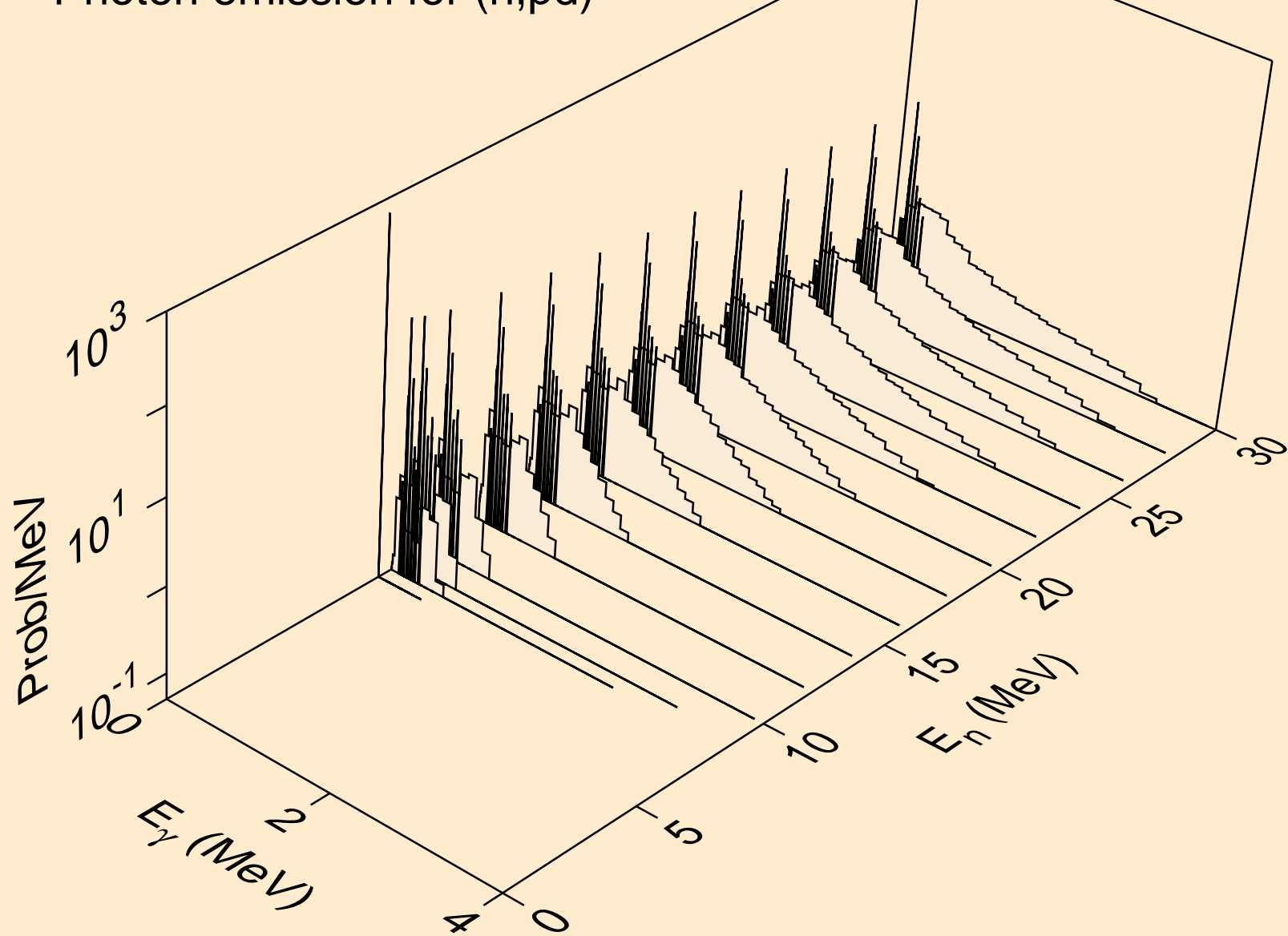
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



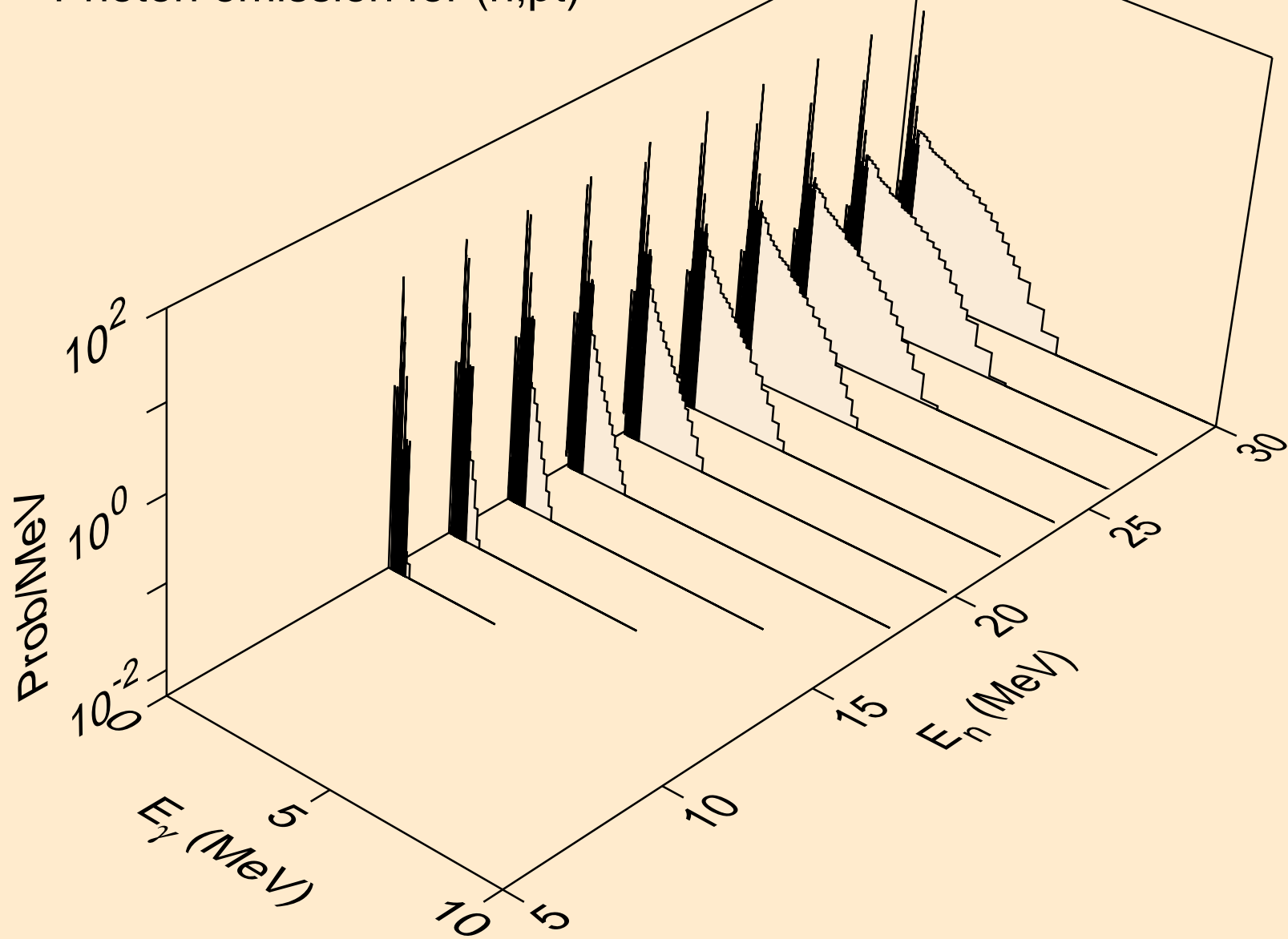
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



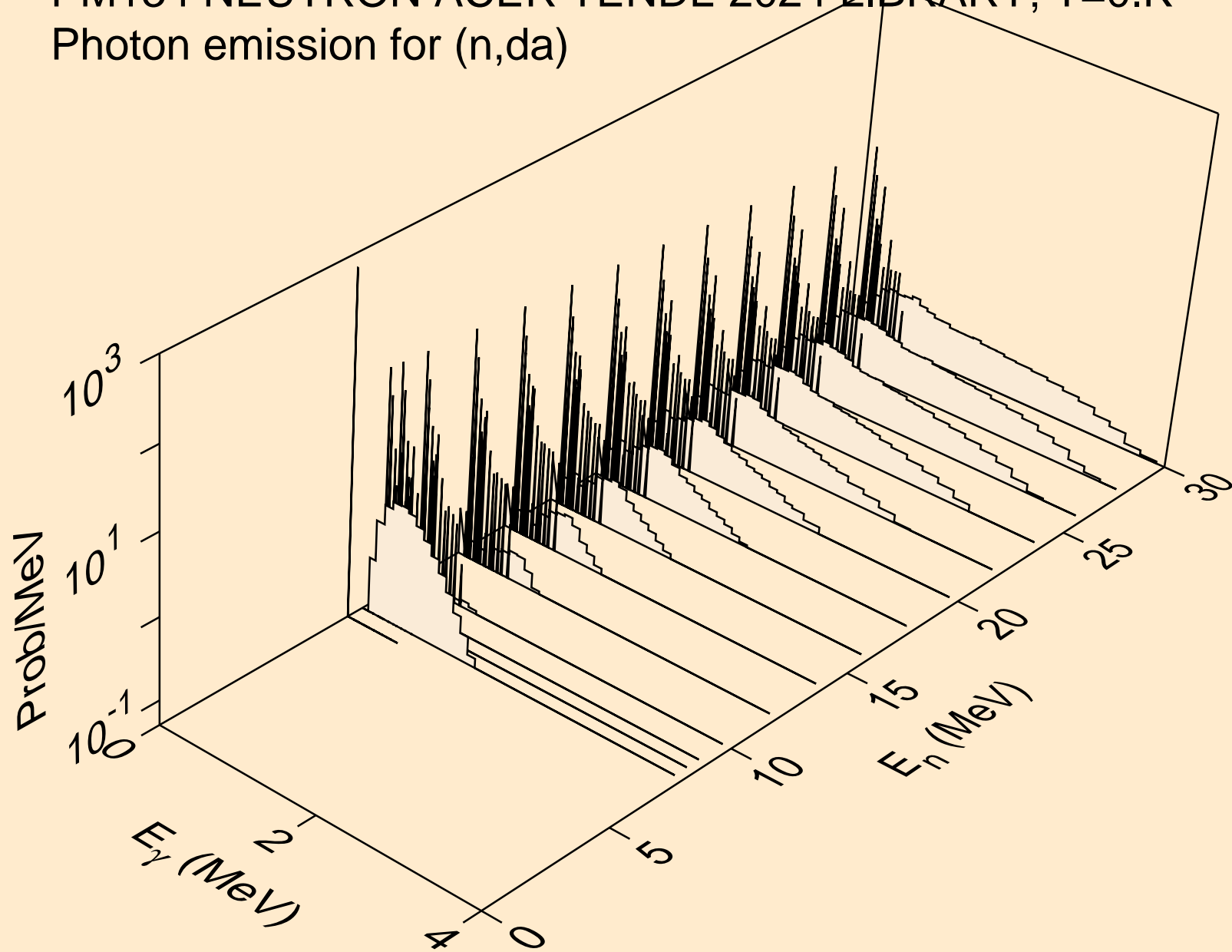
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



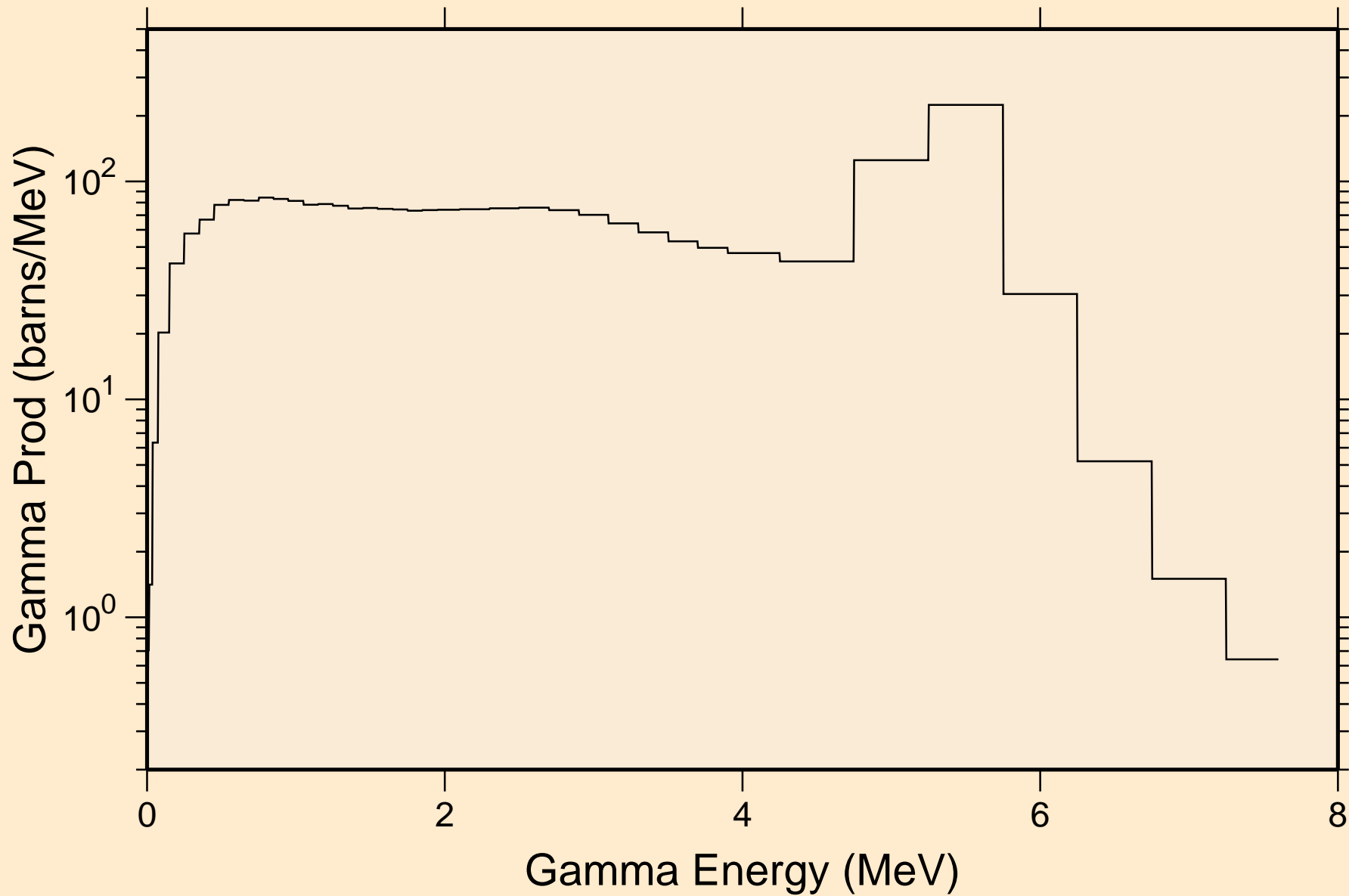
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



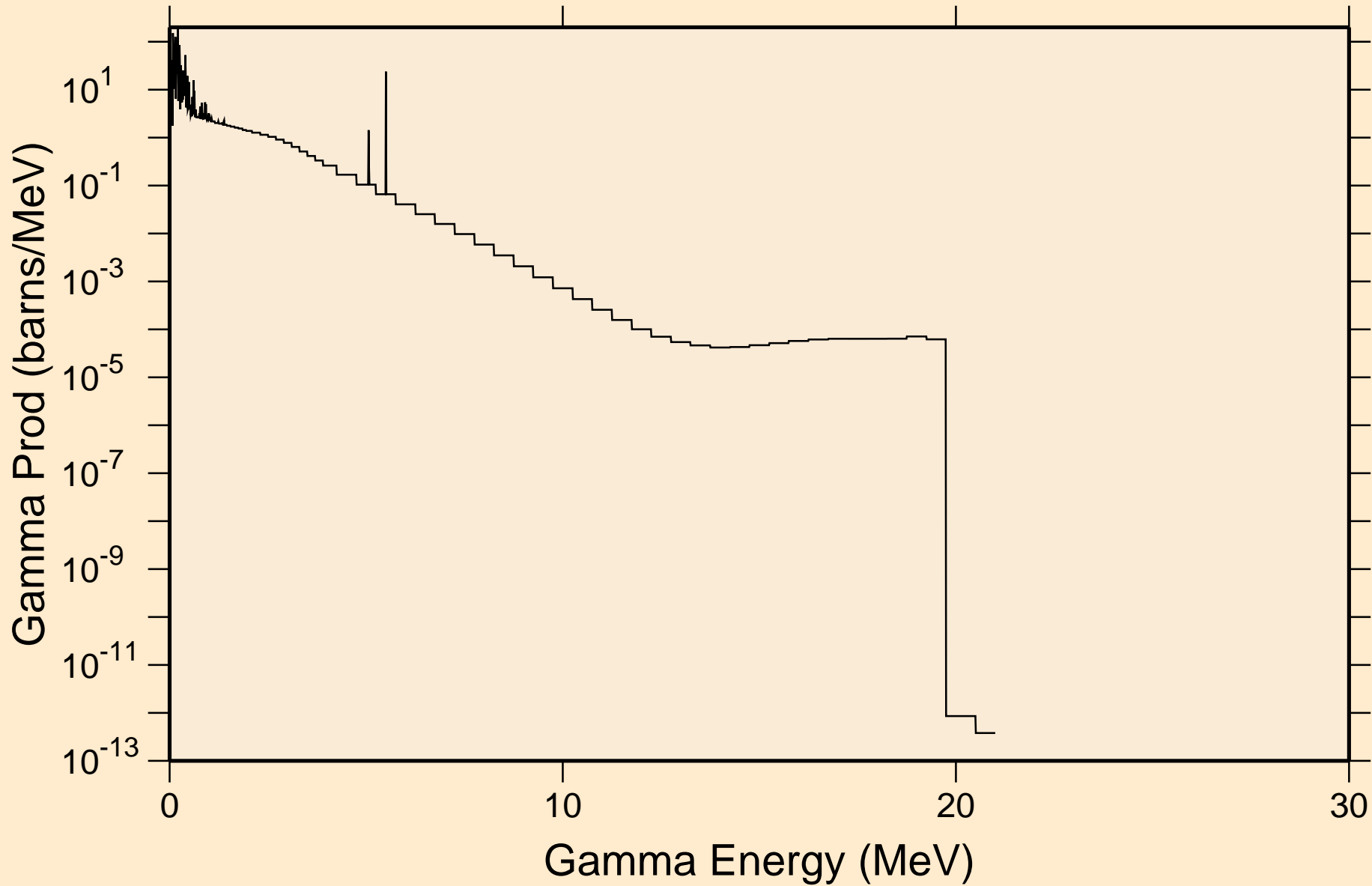
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

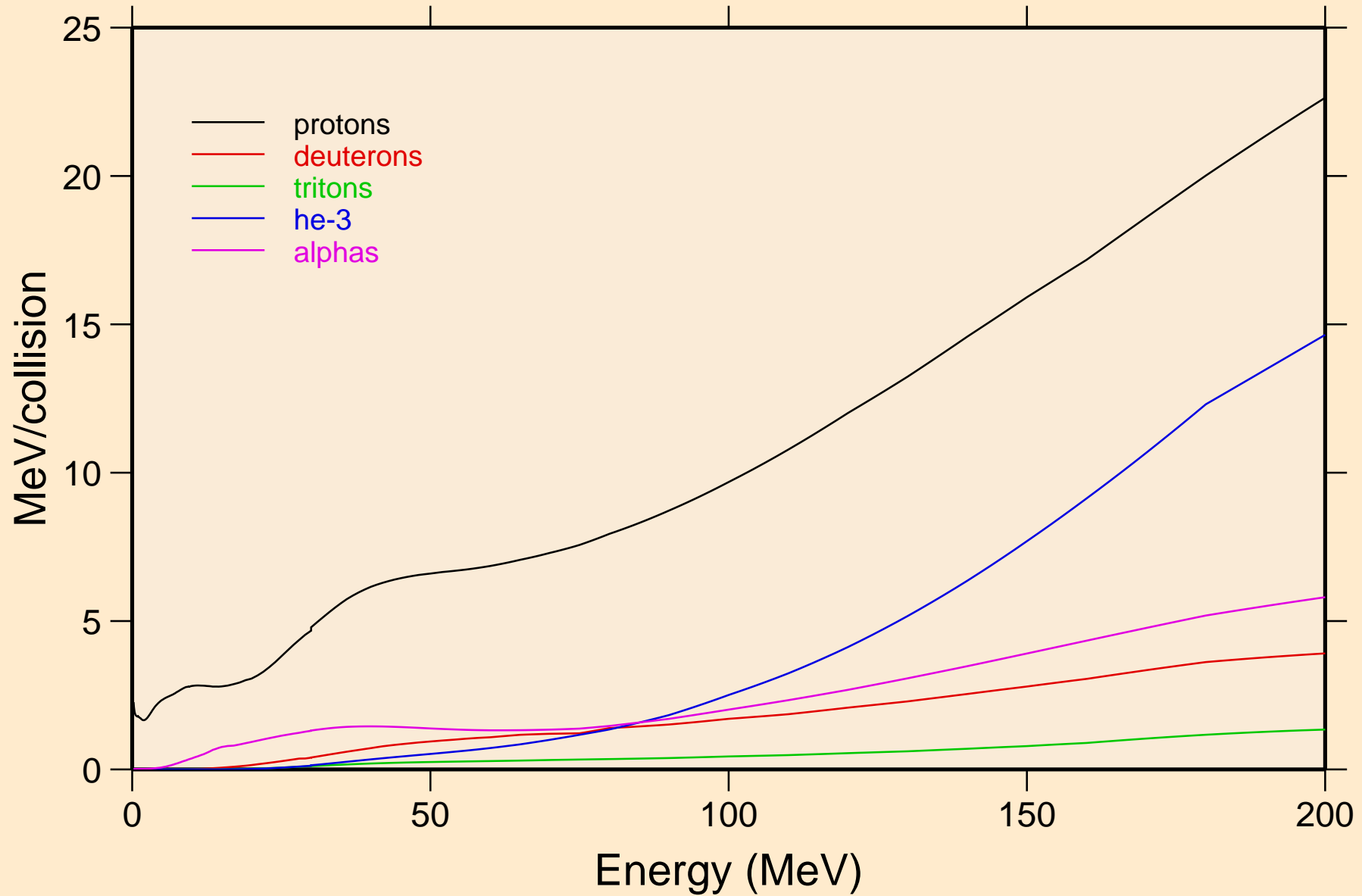


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



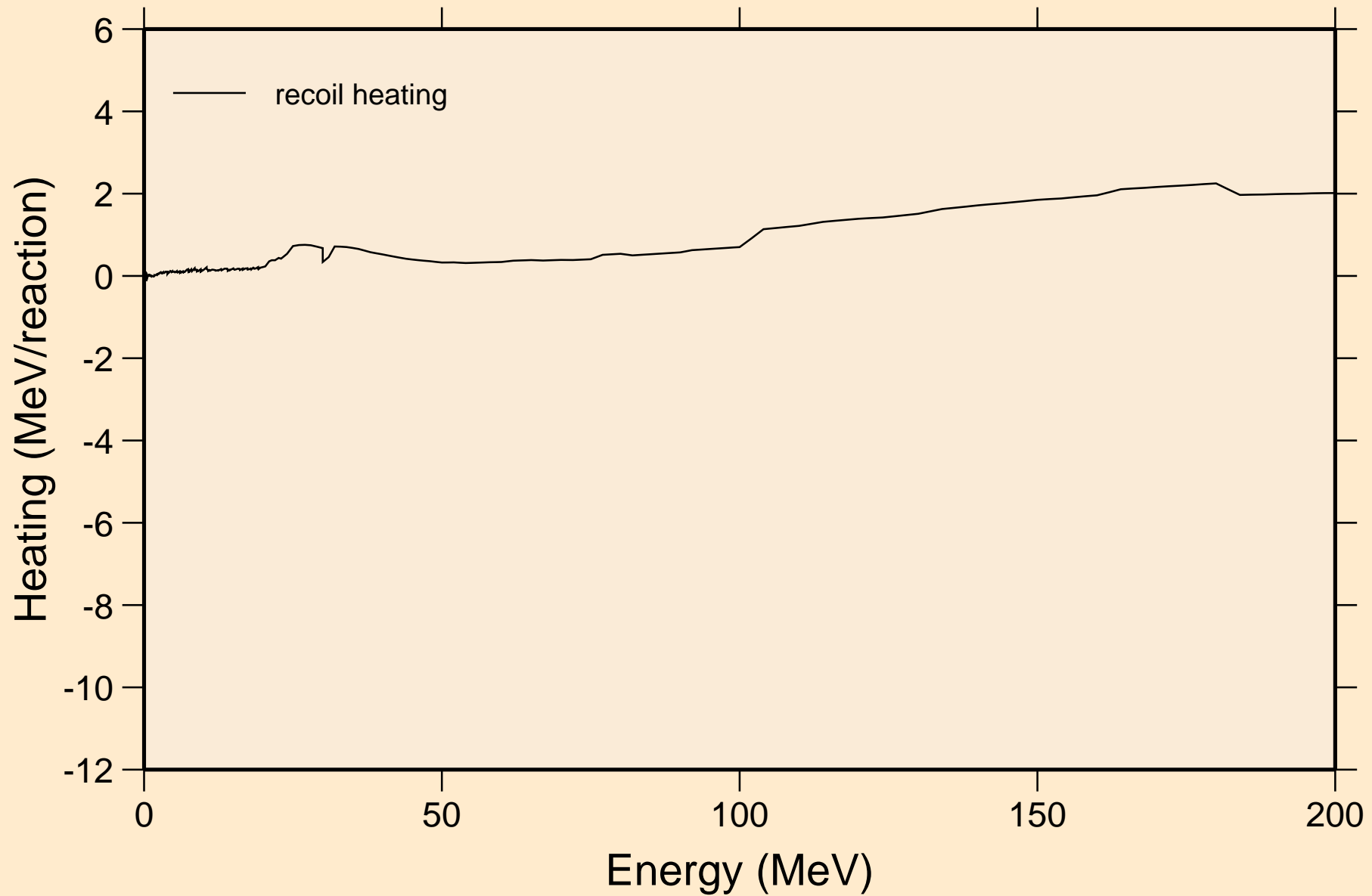
# PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

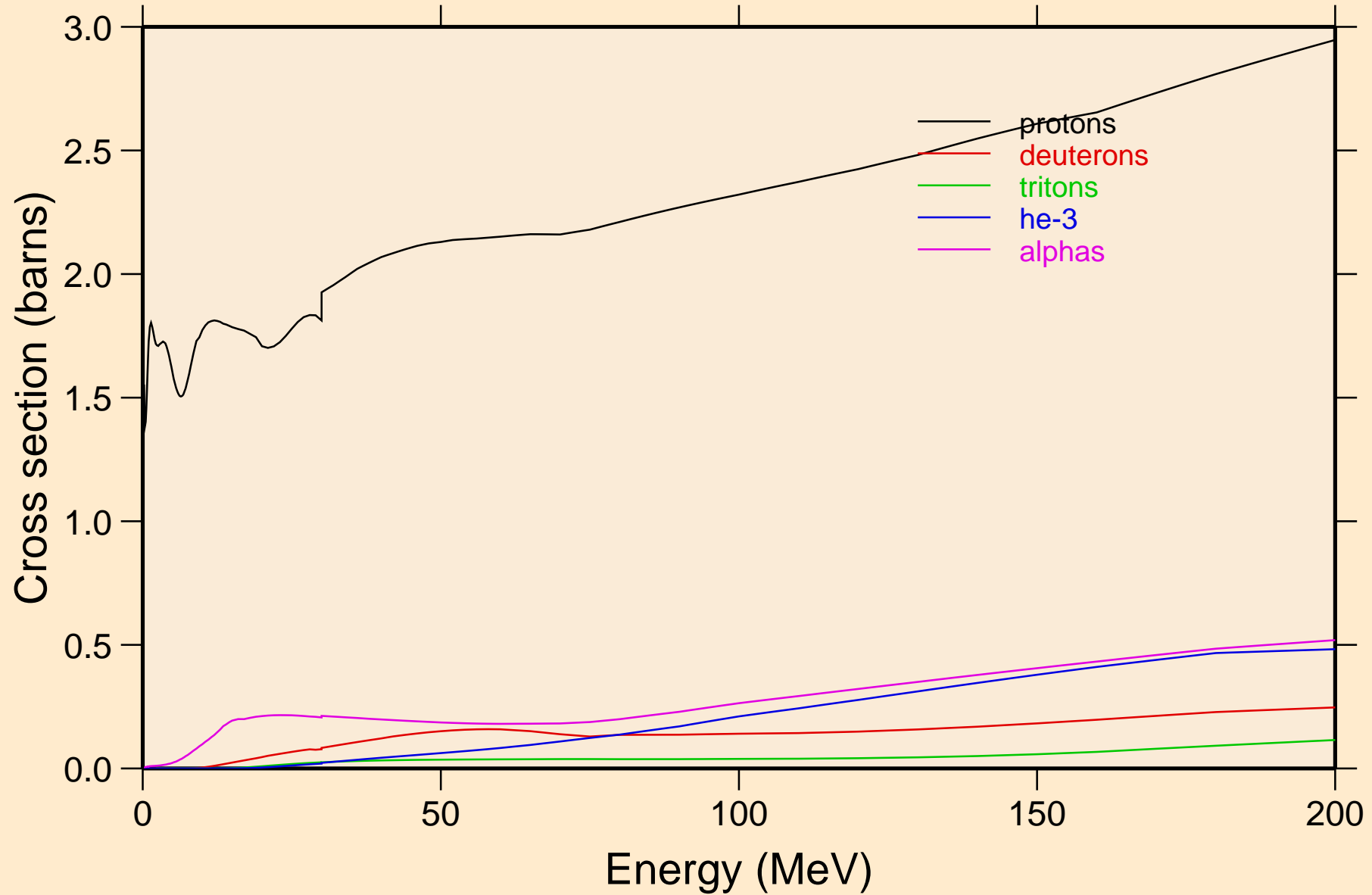




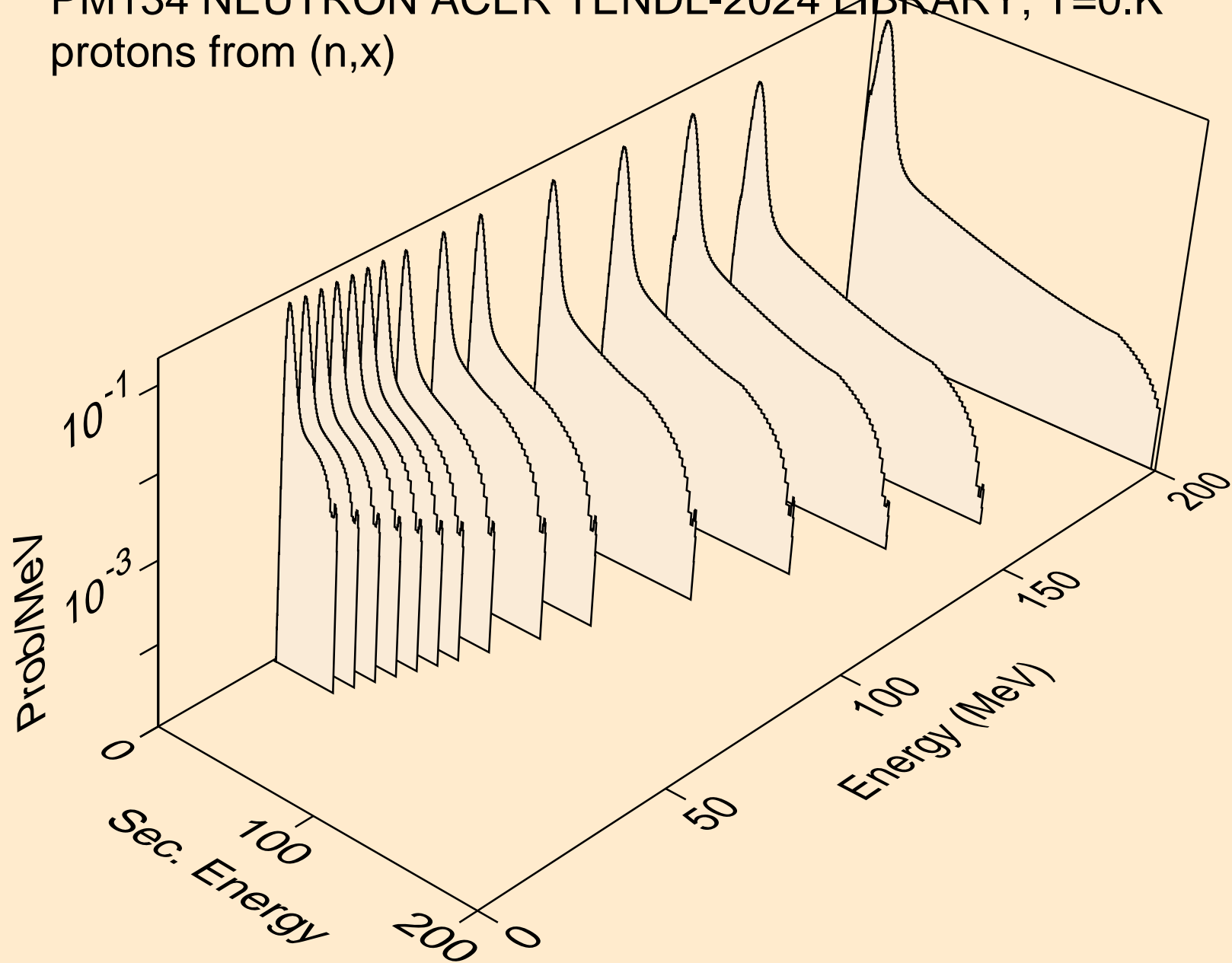
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



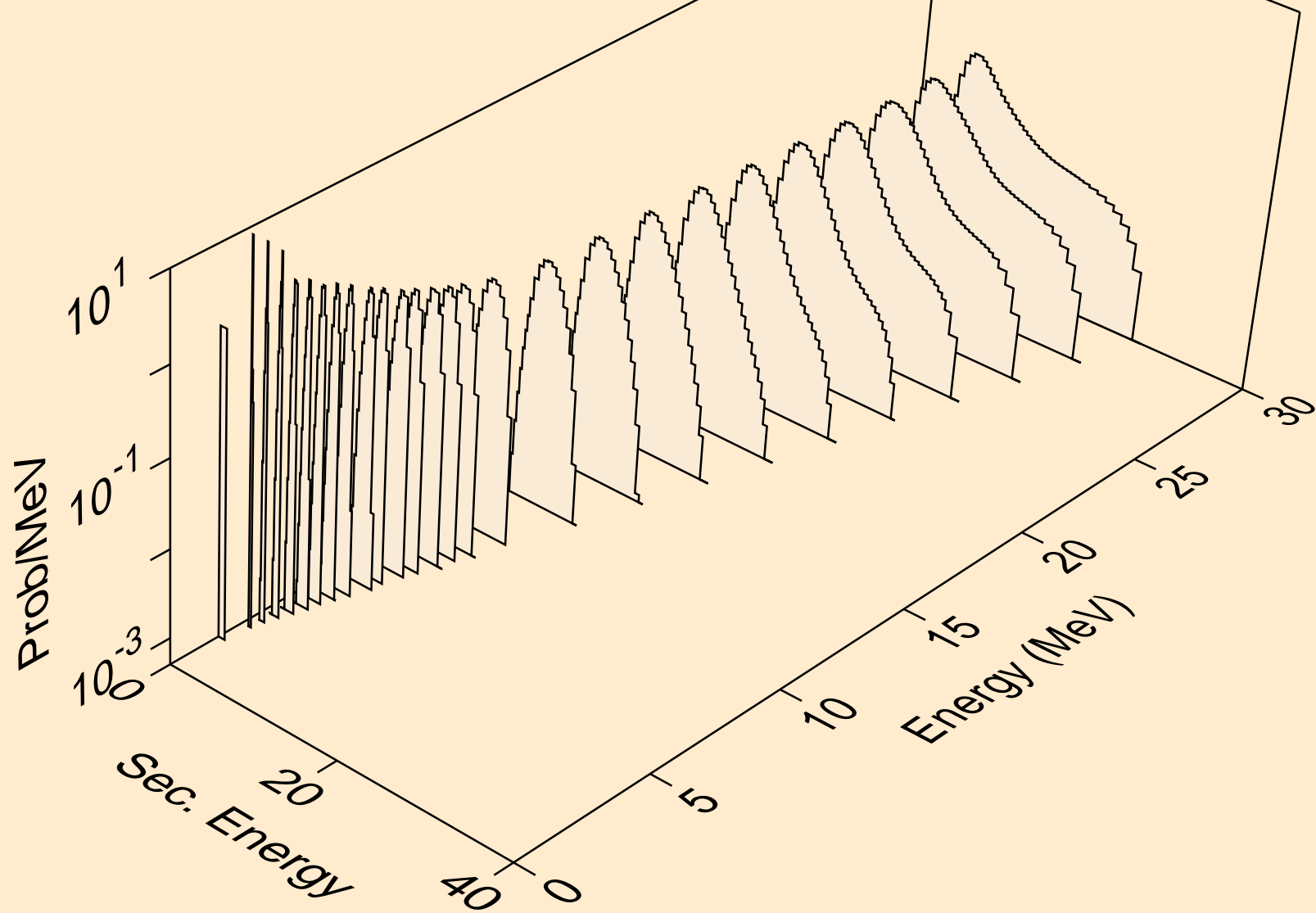
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



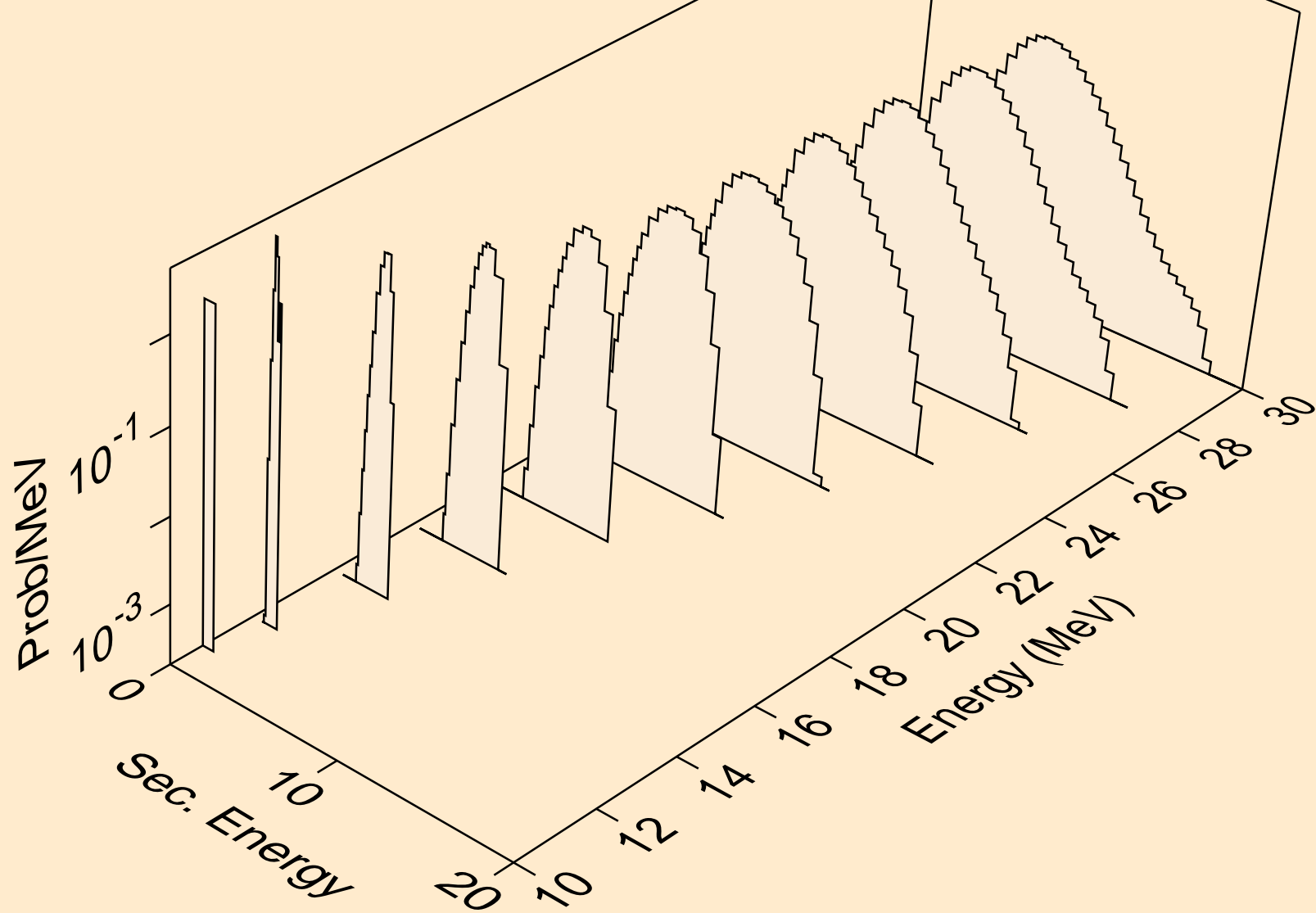
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



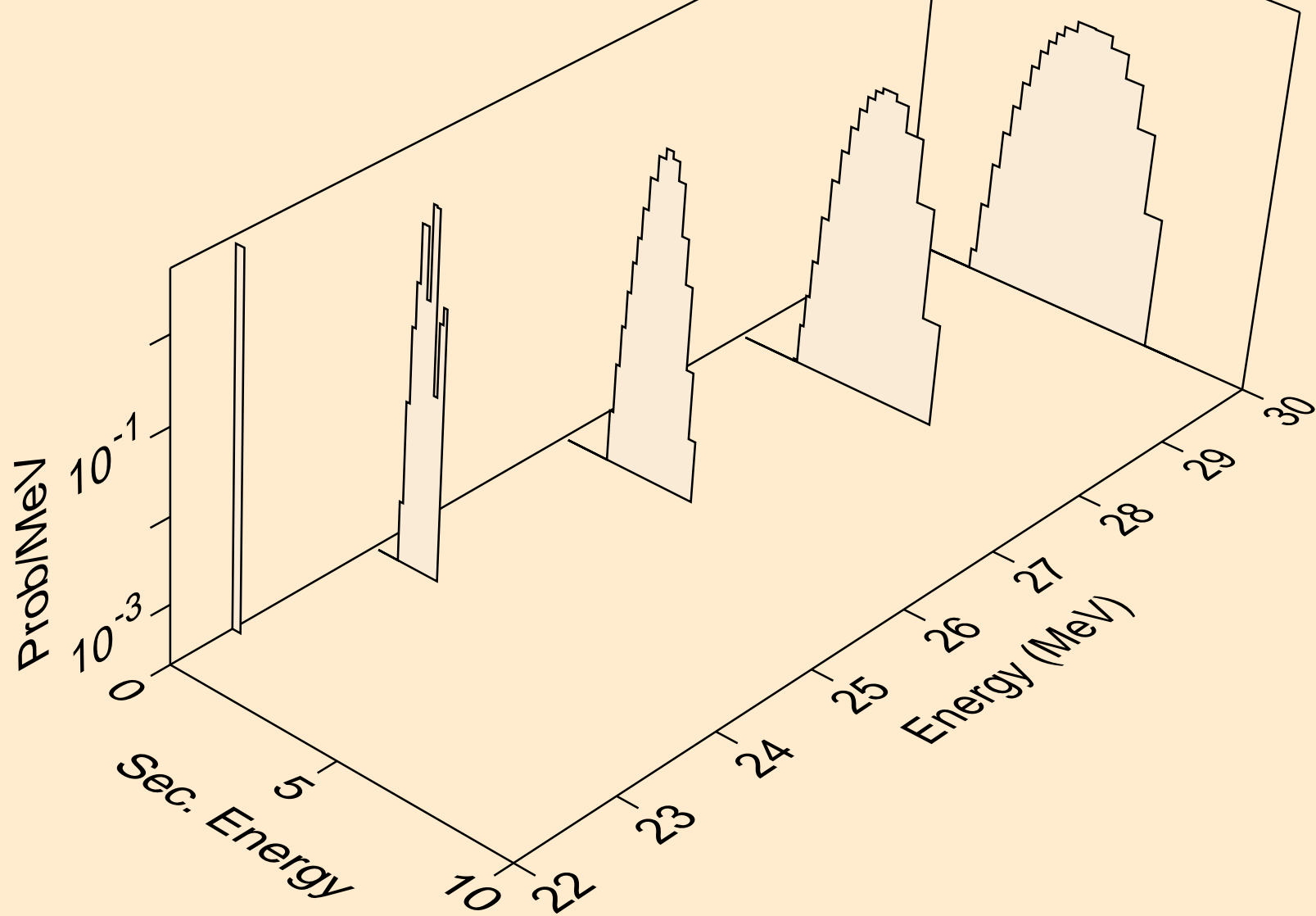
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



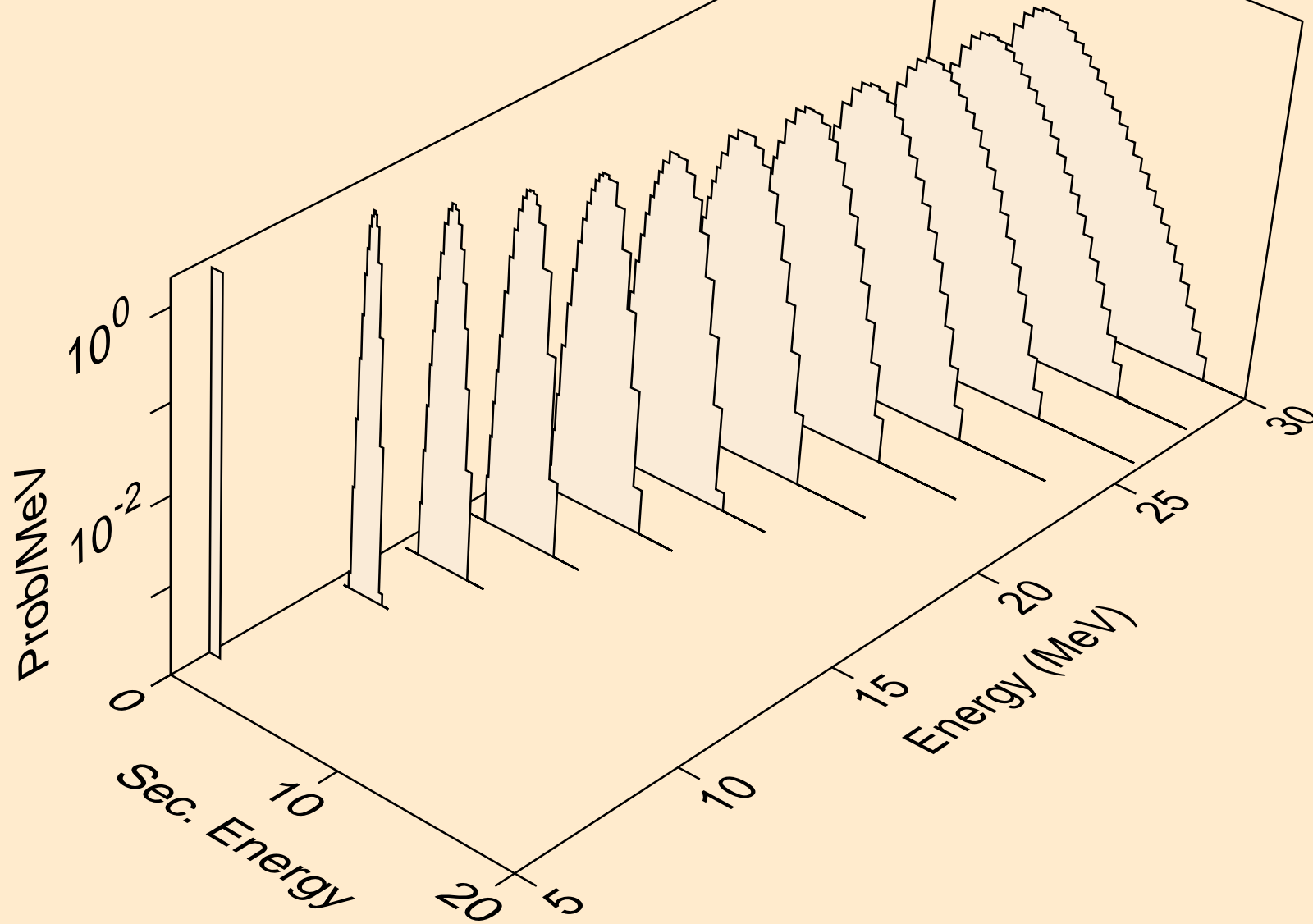
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



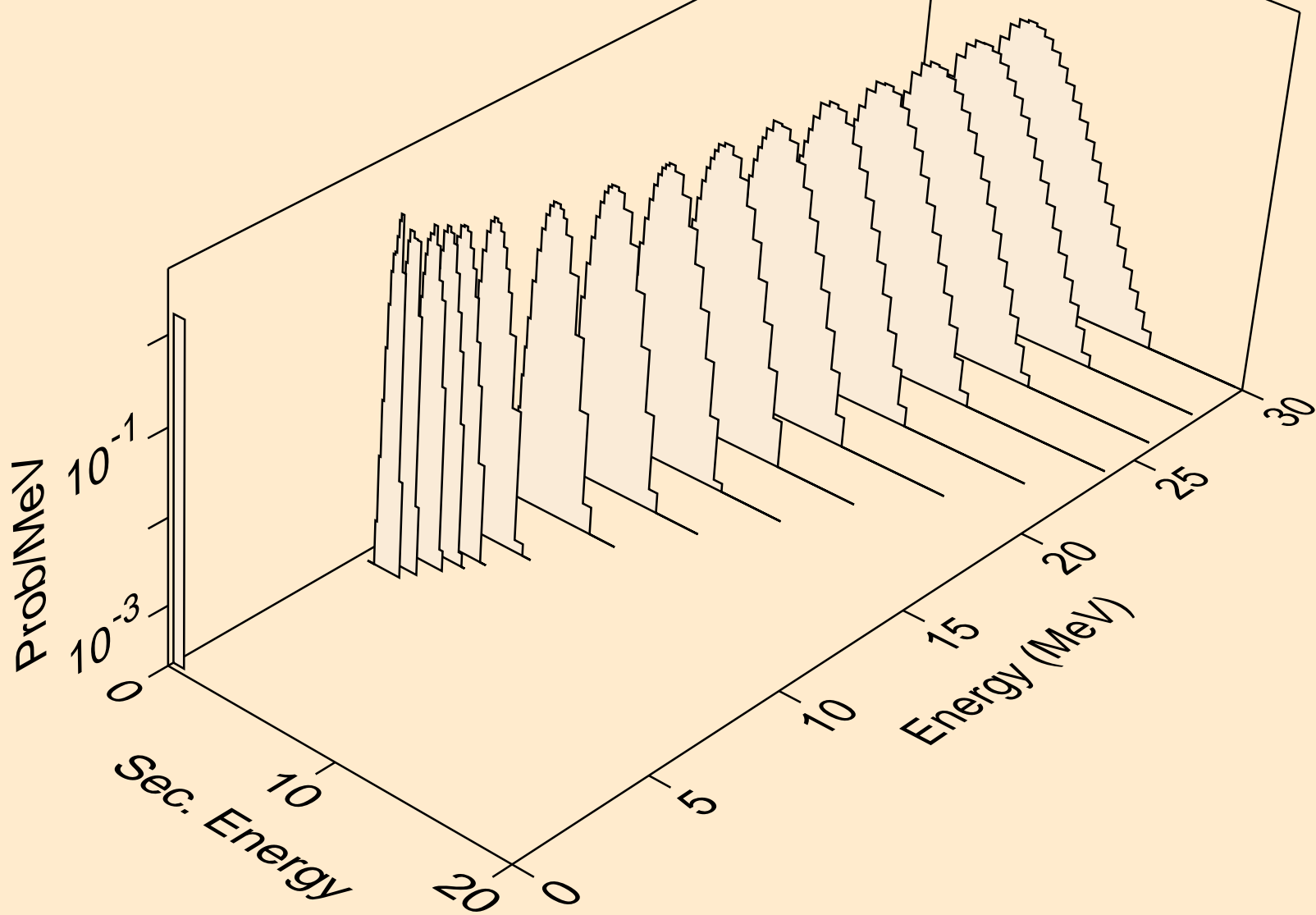
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

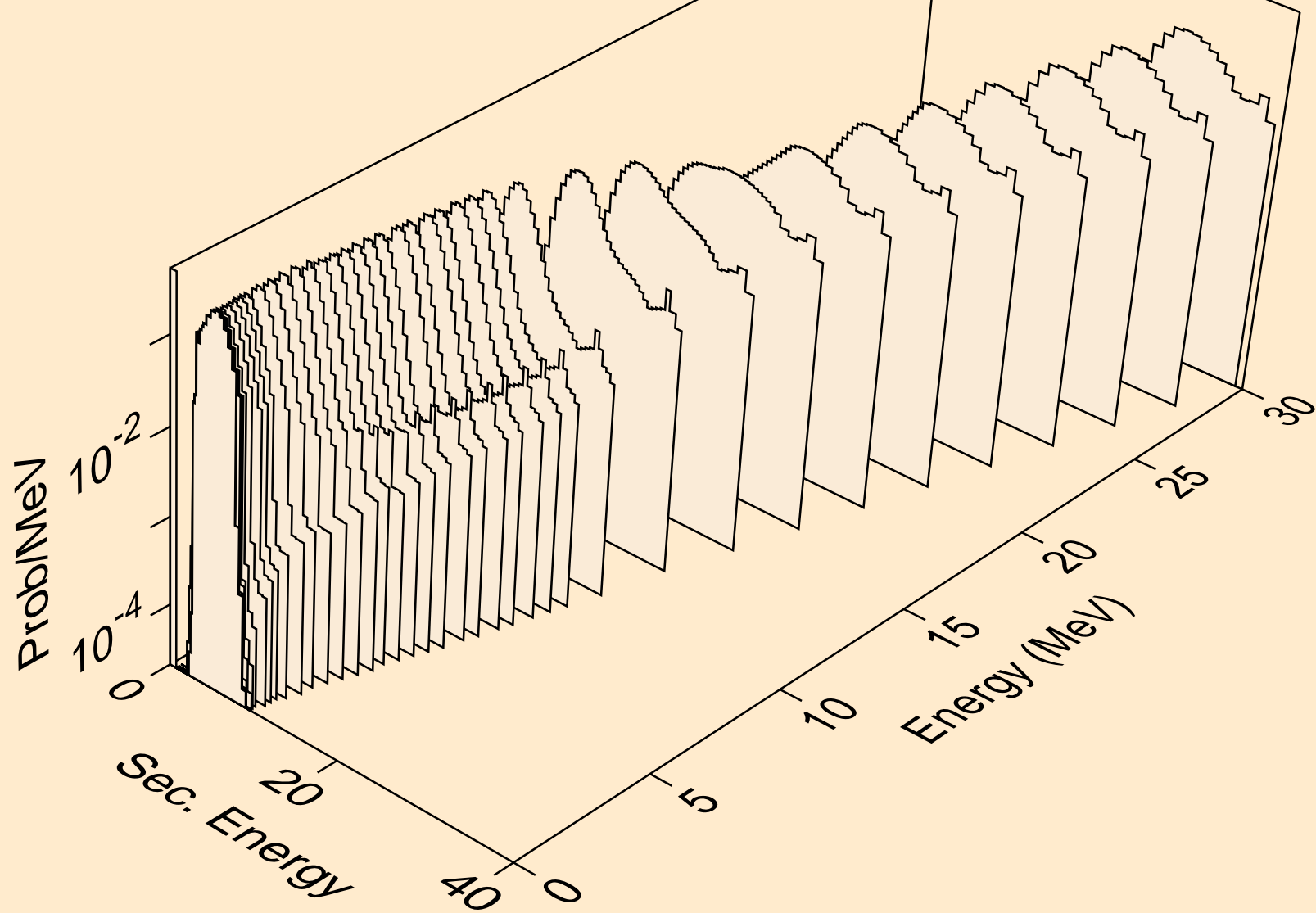


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)

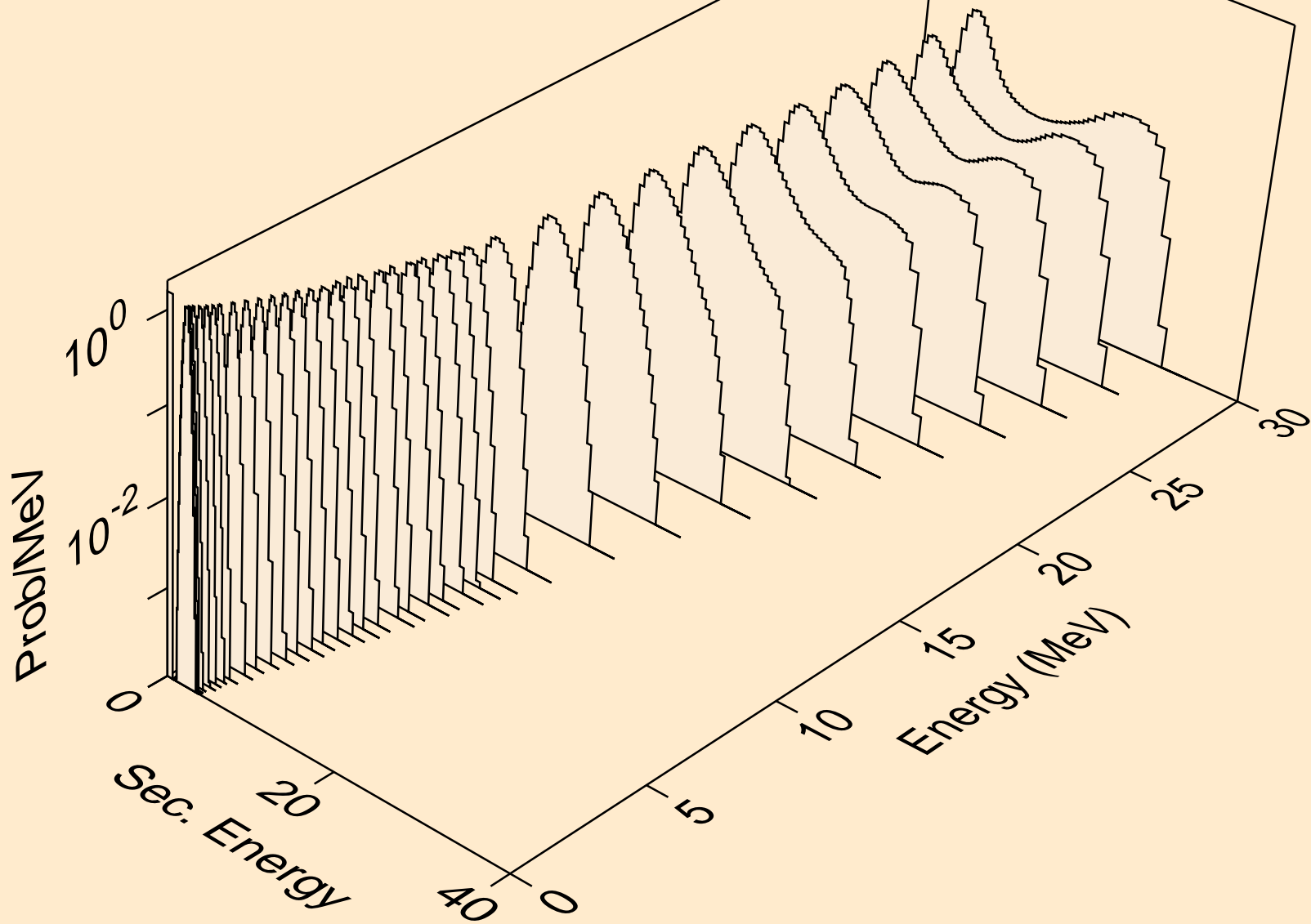




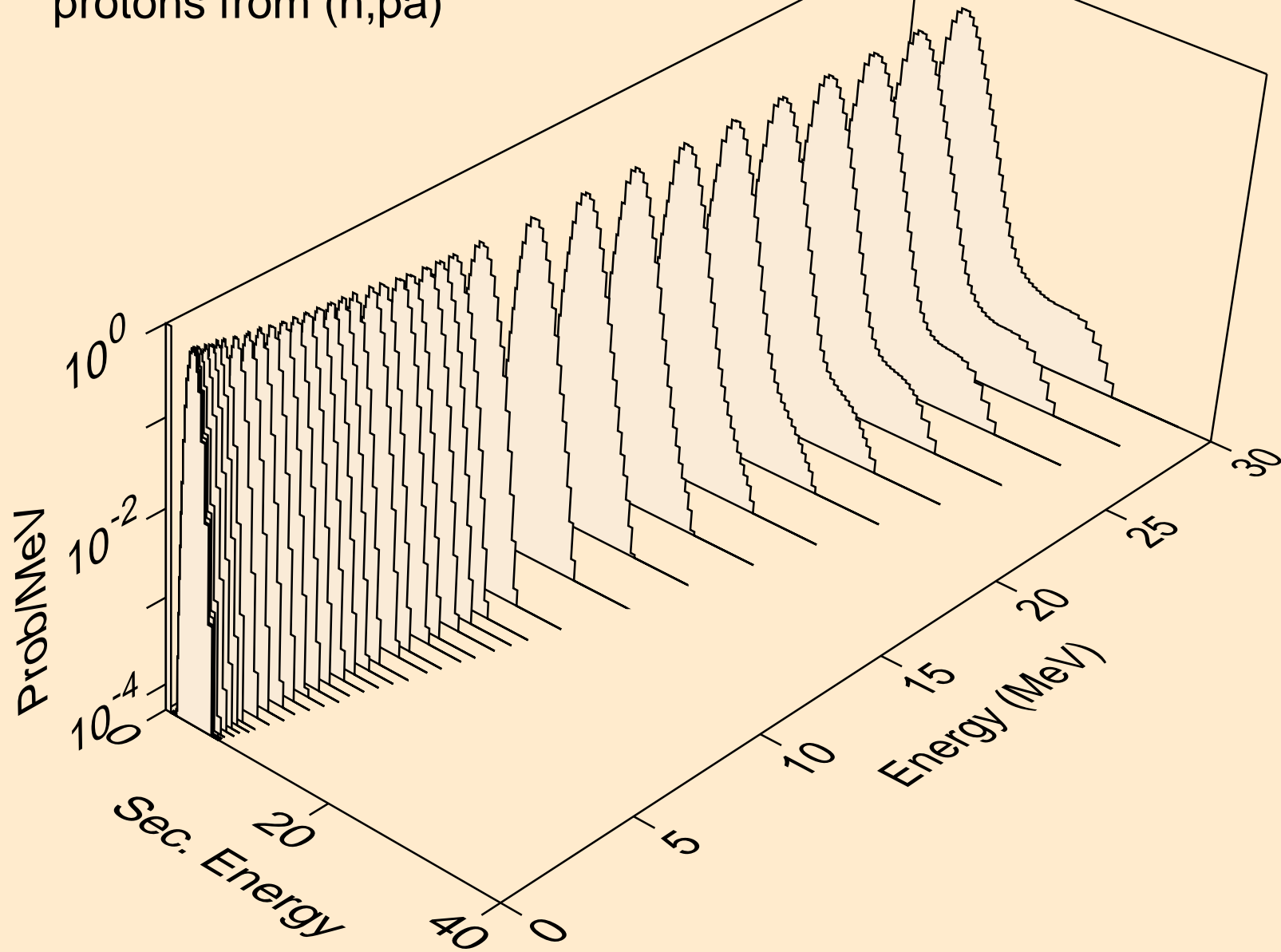
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



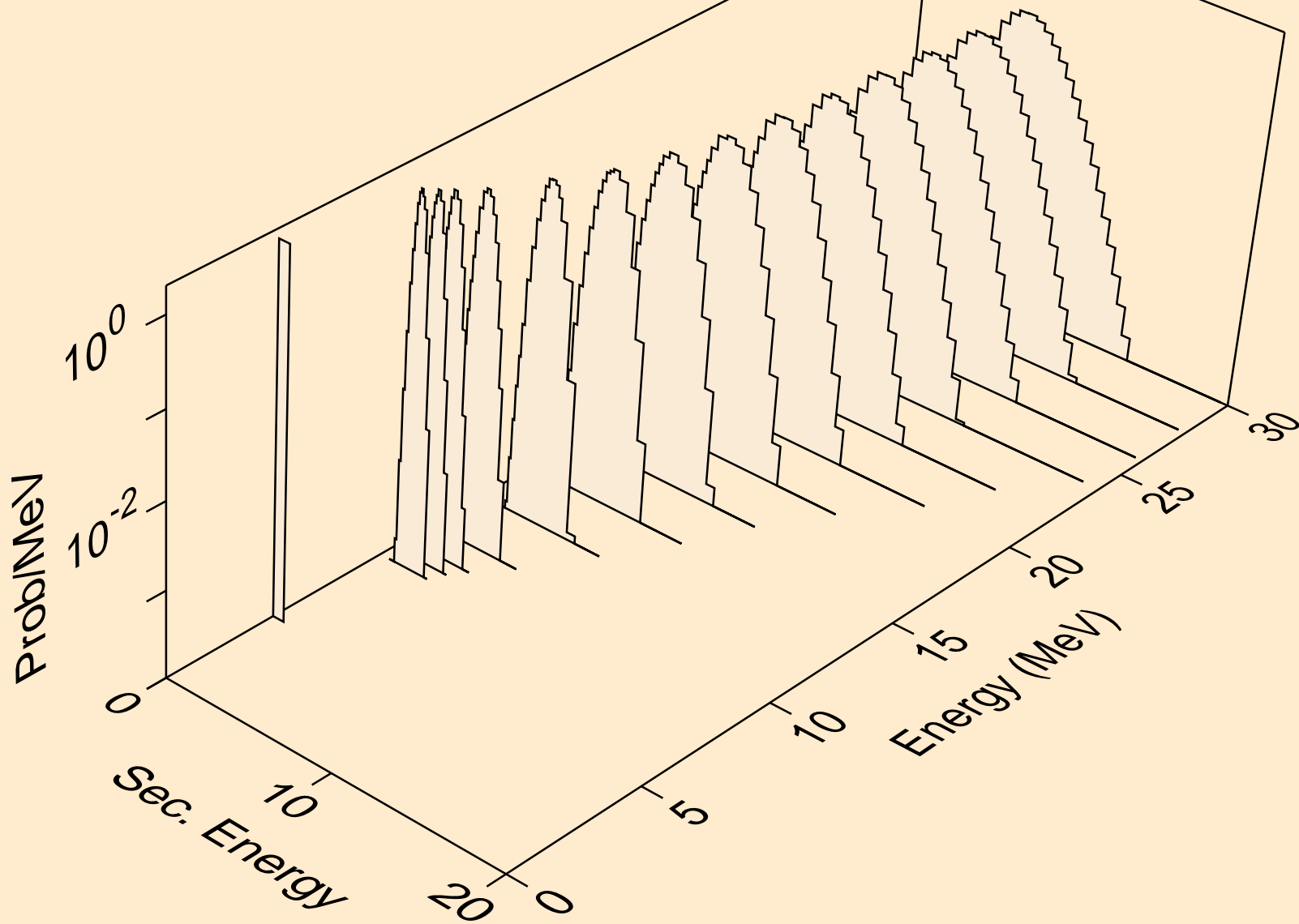
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



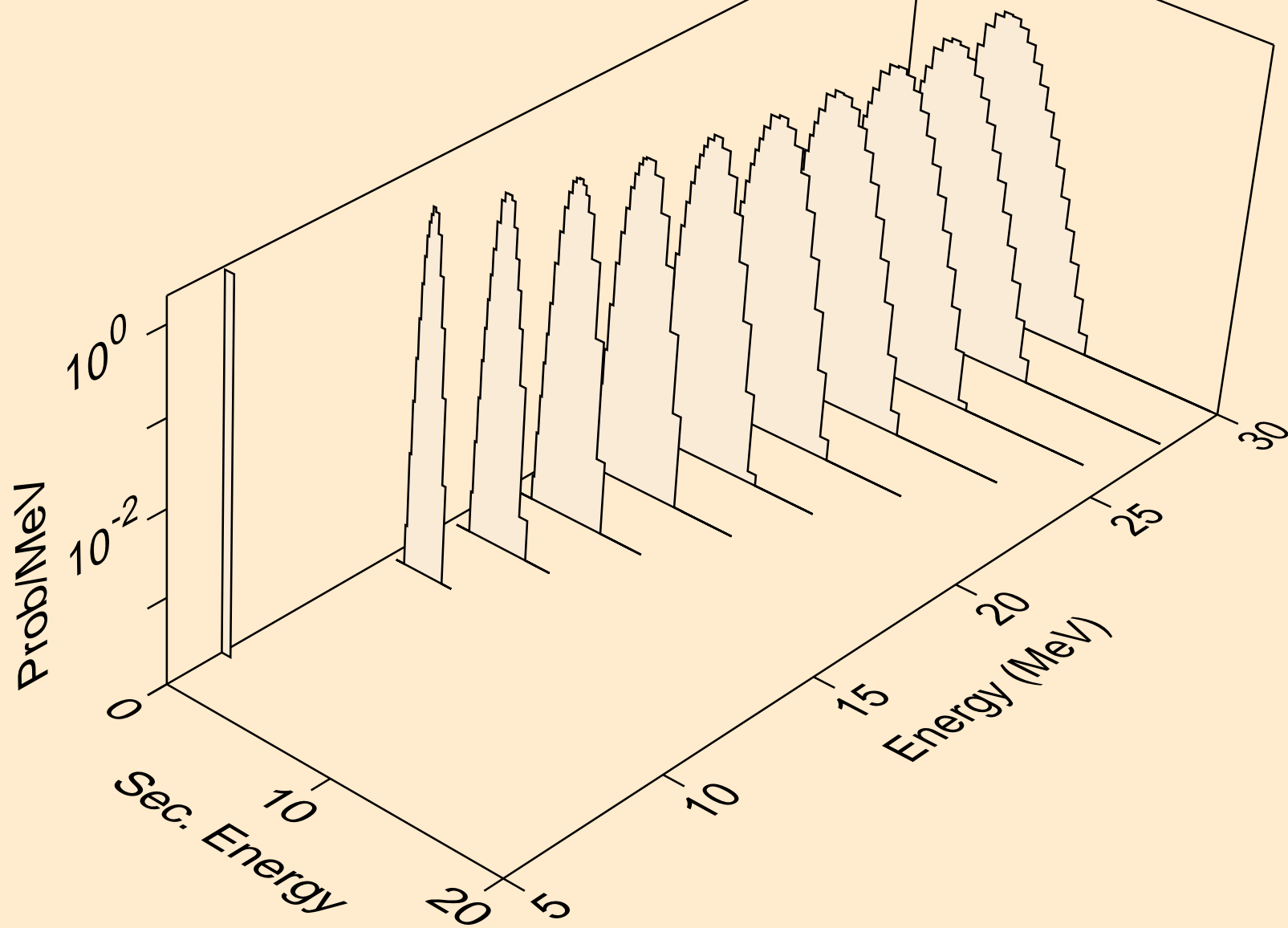
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



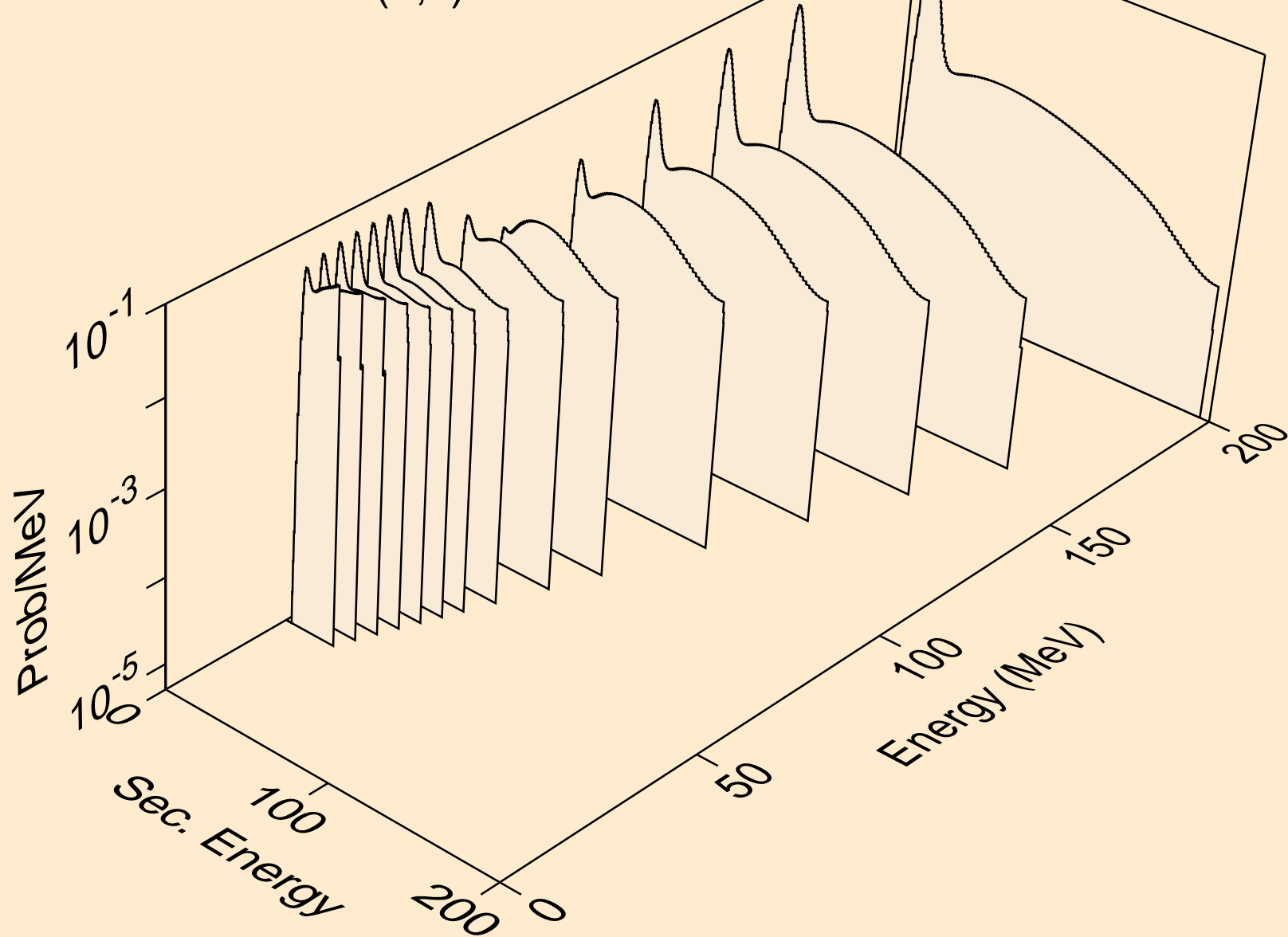
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



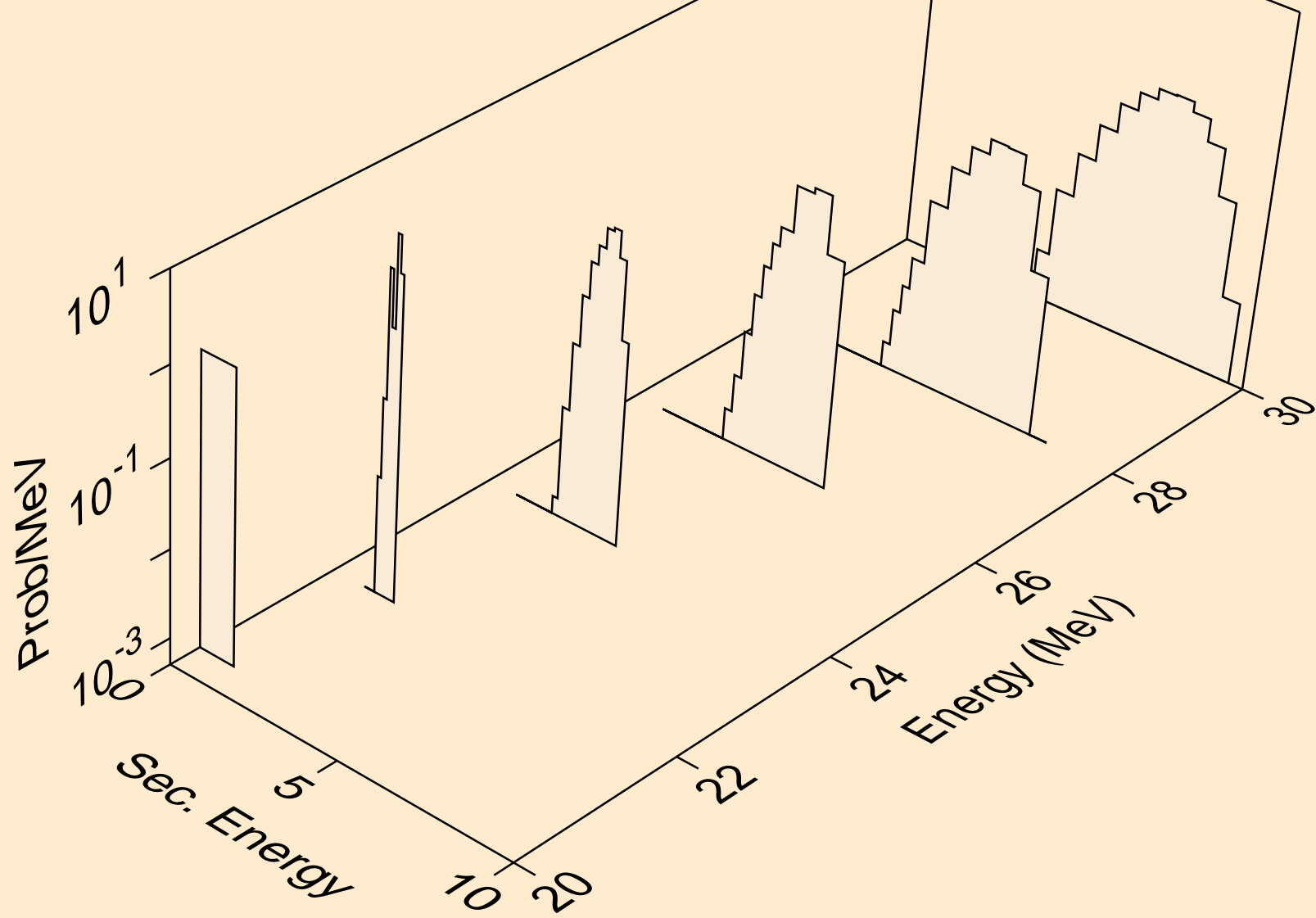
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



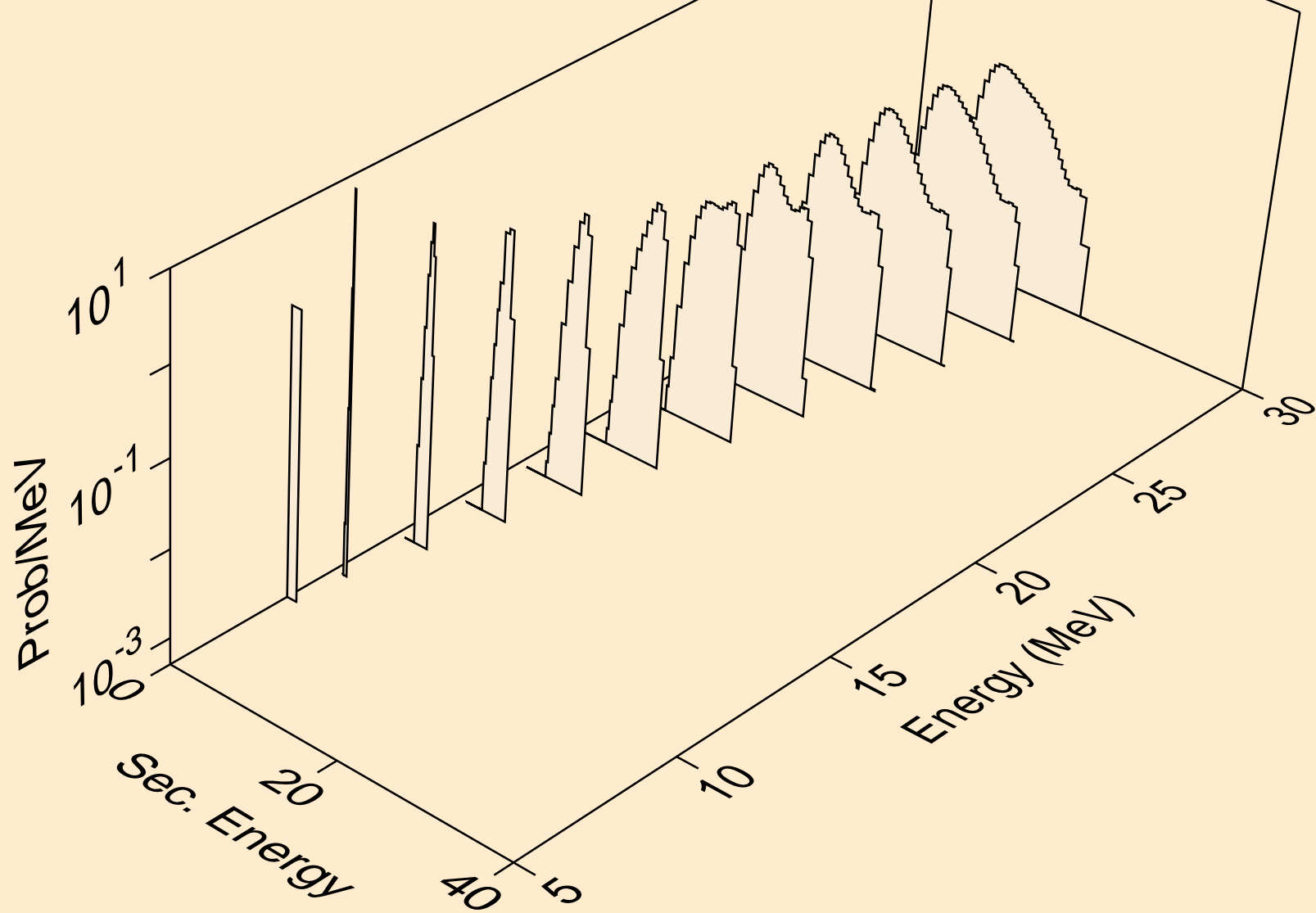
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

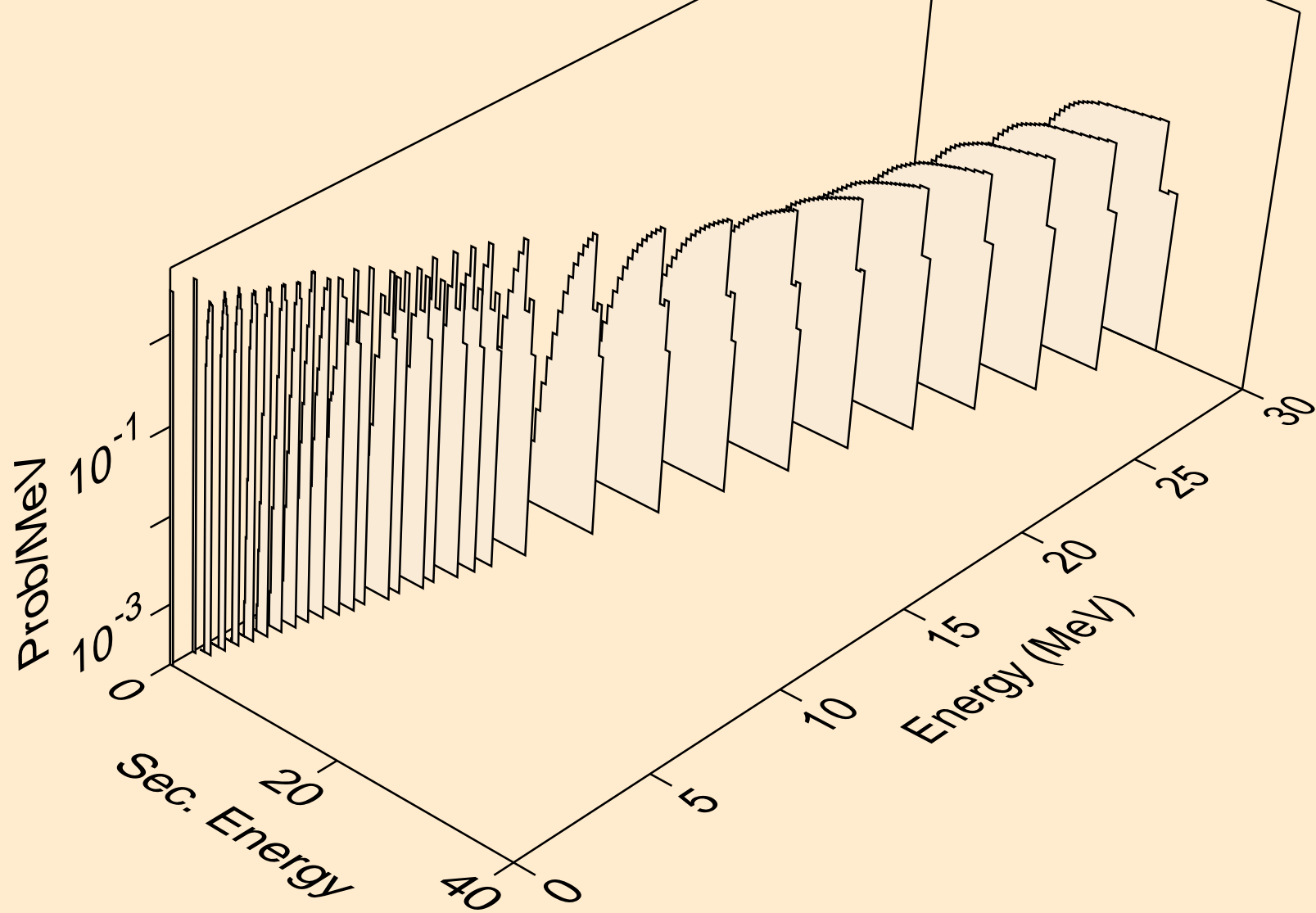


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

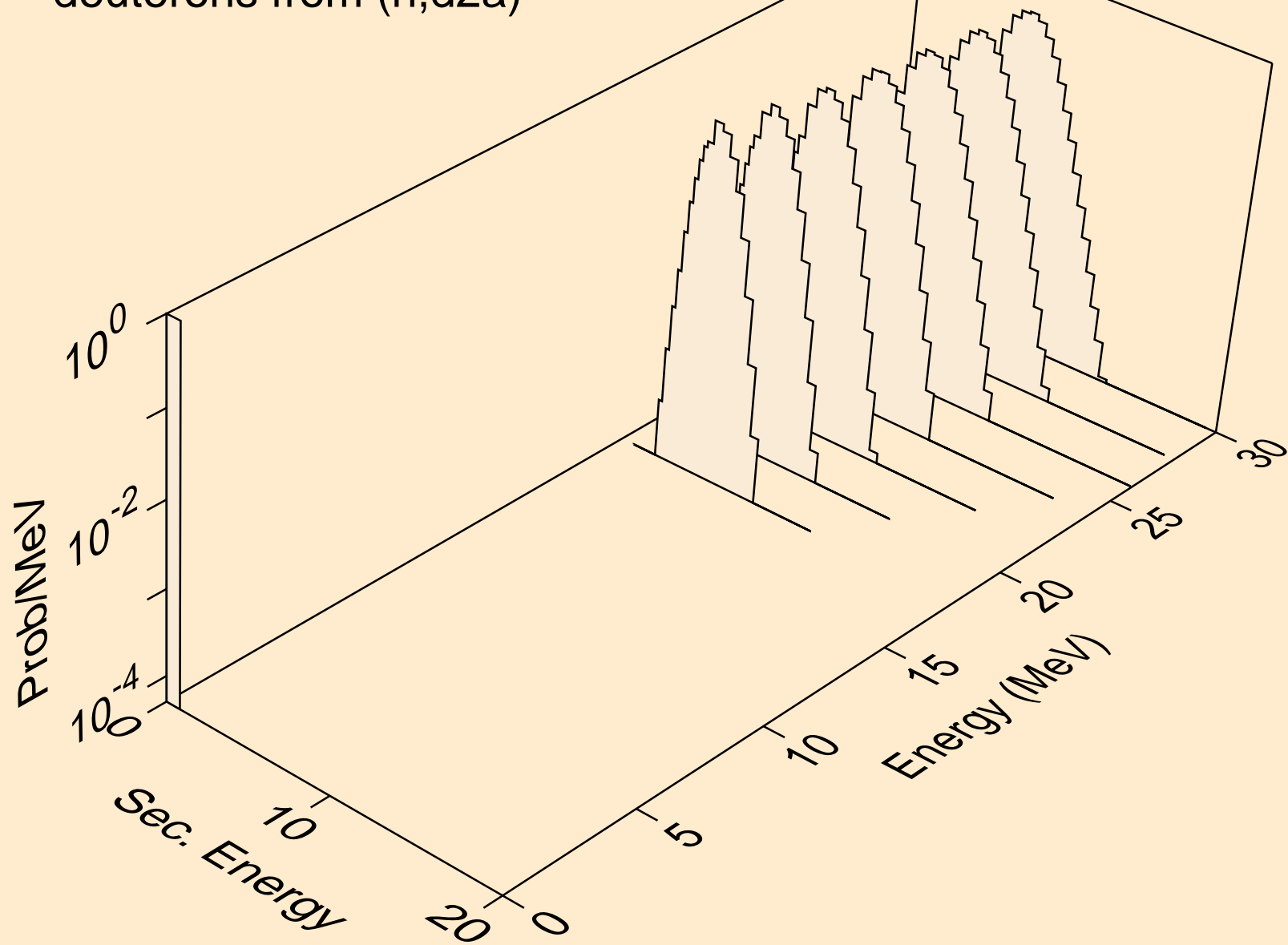




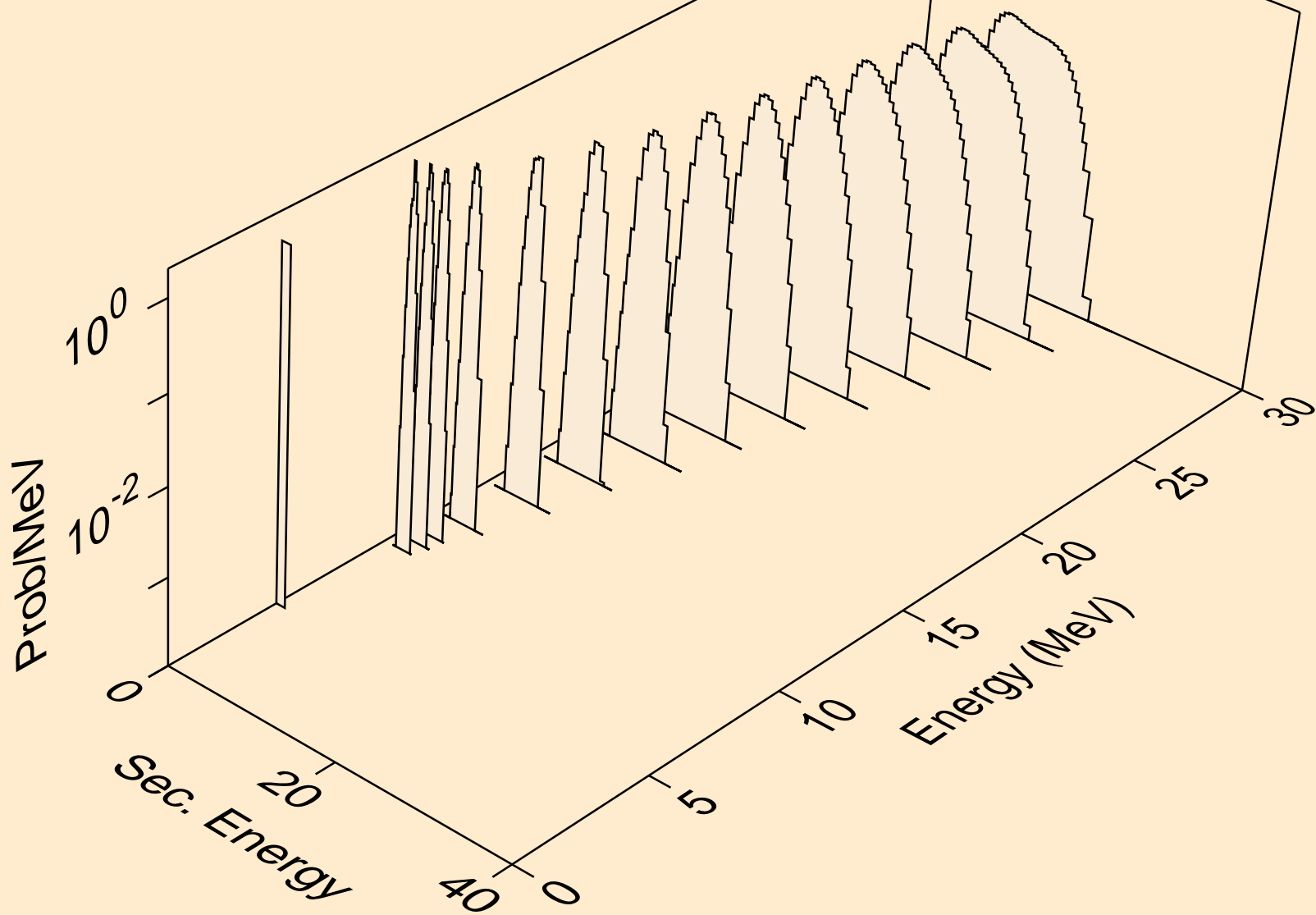
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



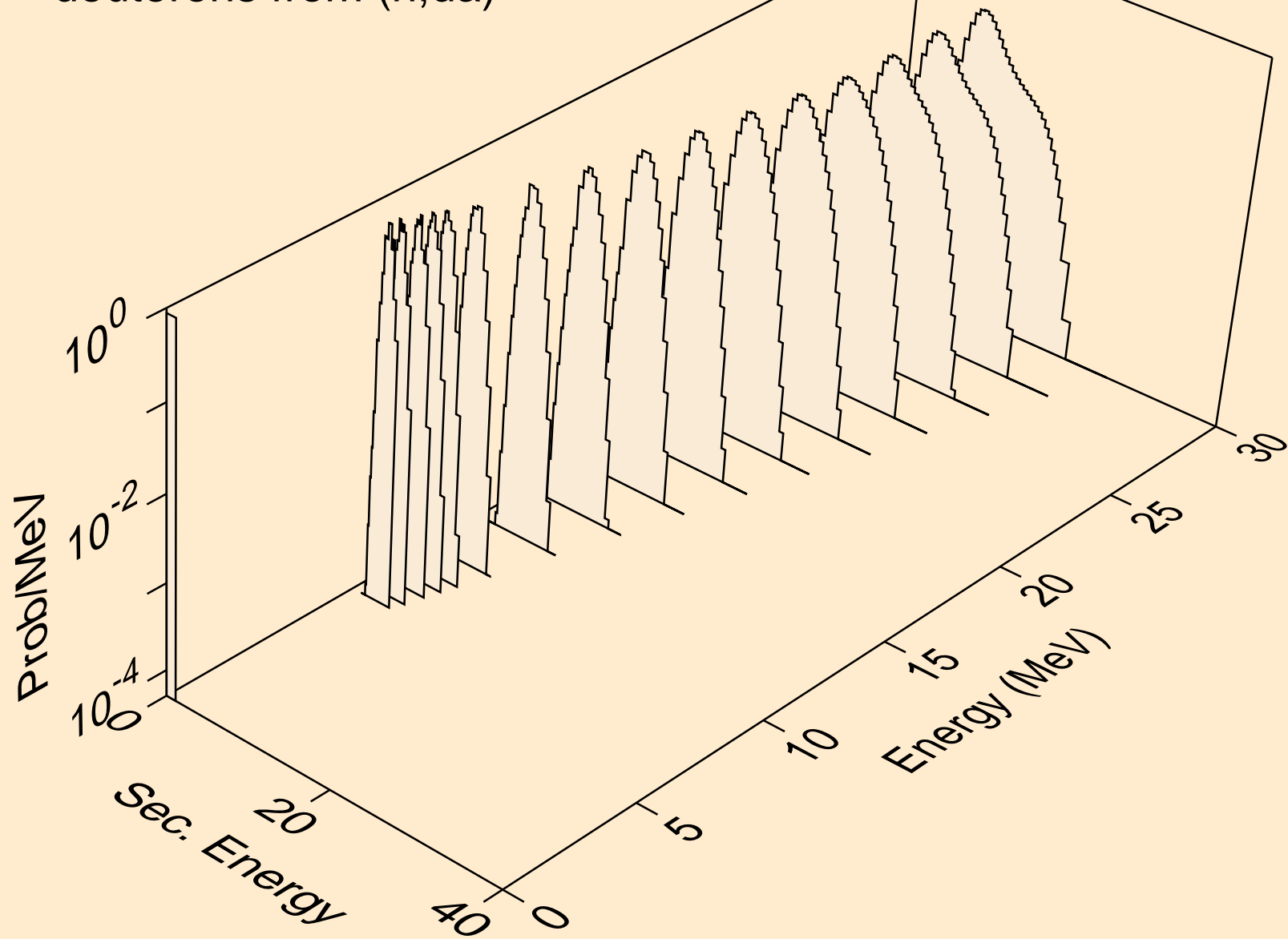
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)



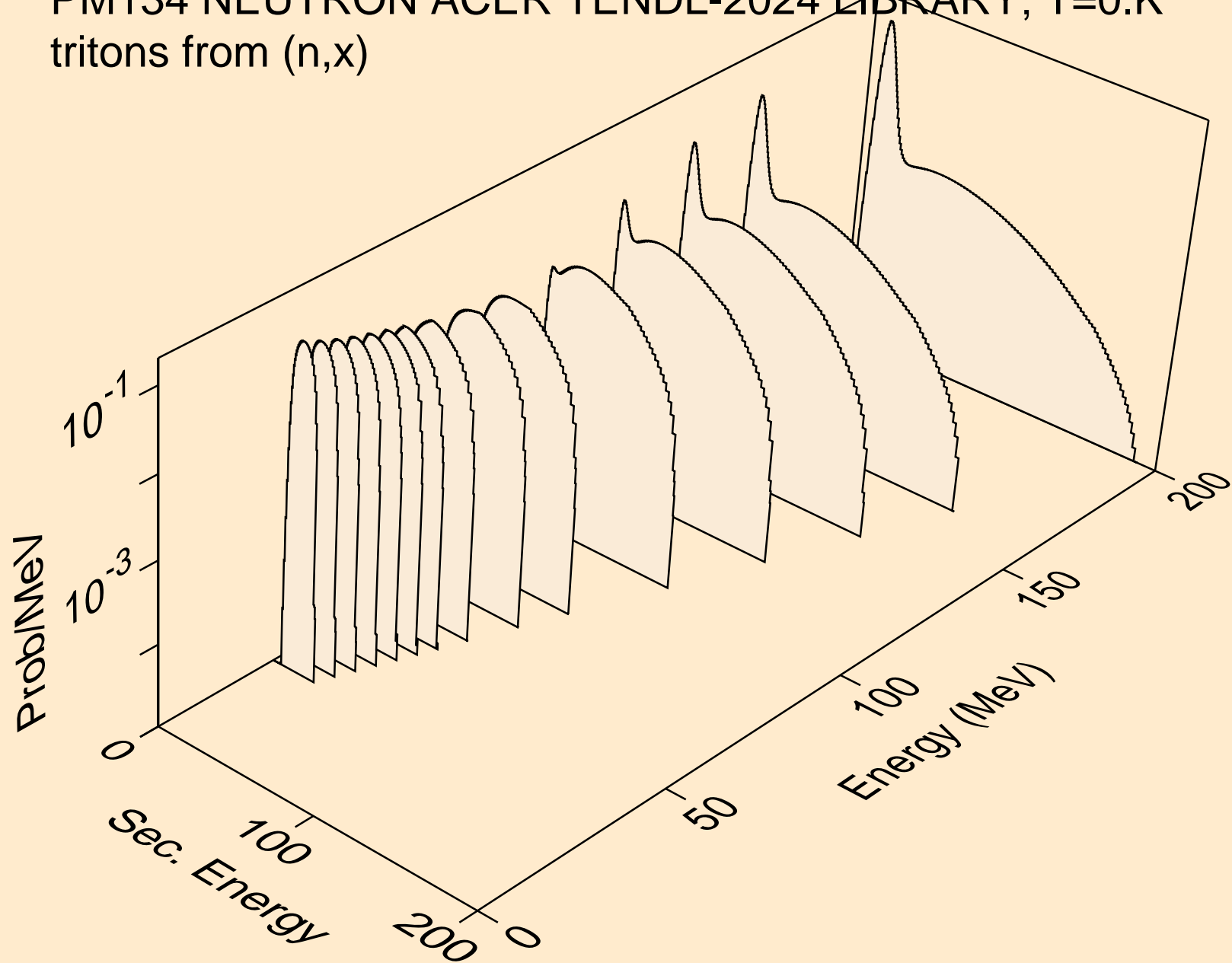
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



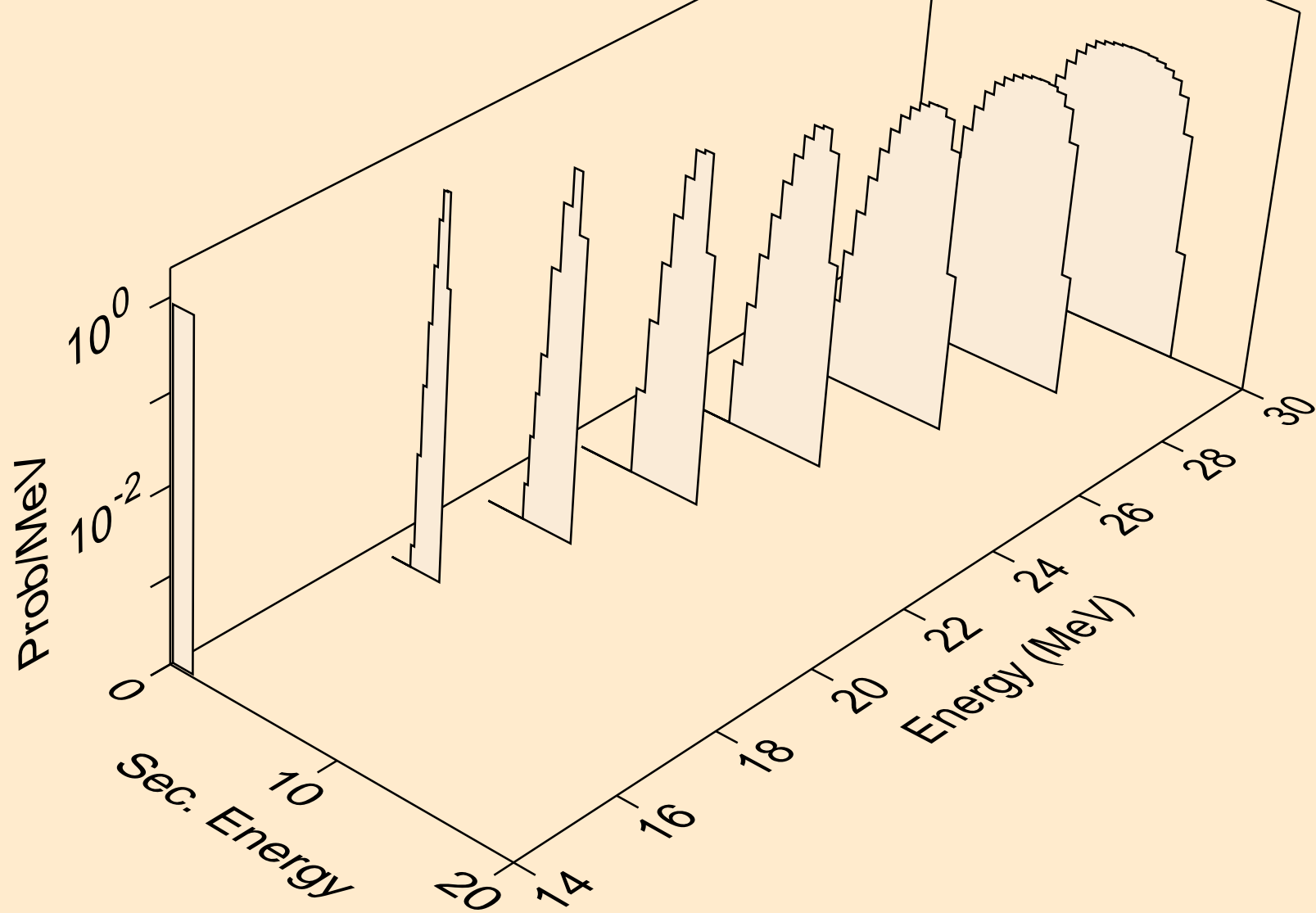
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



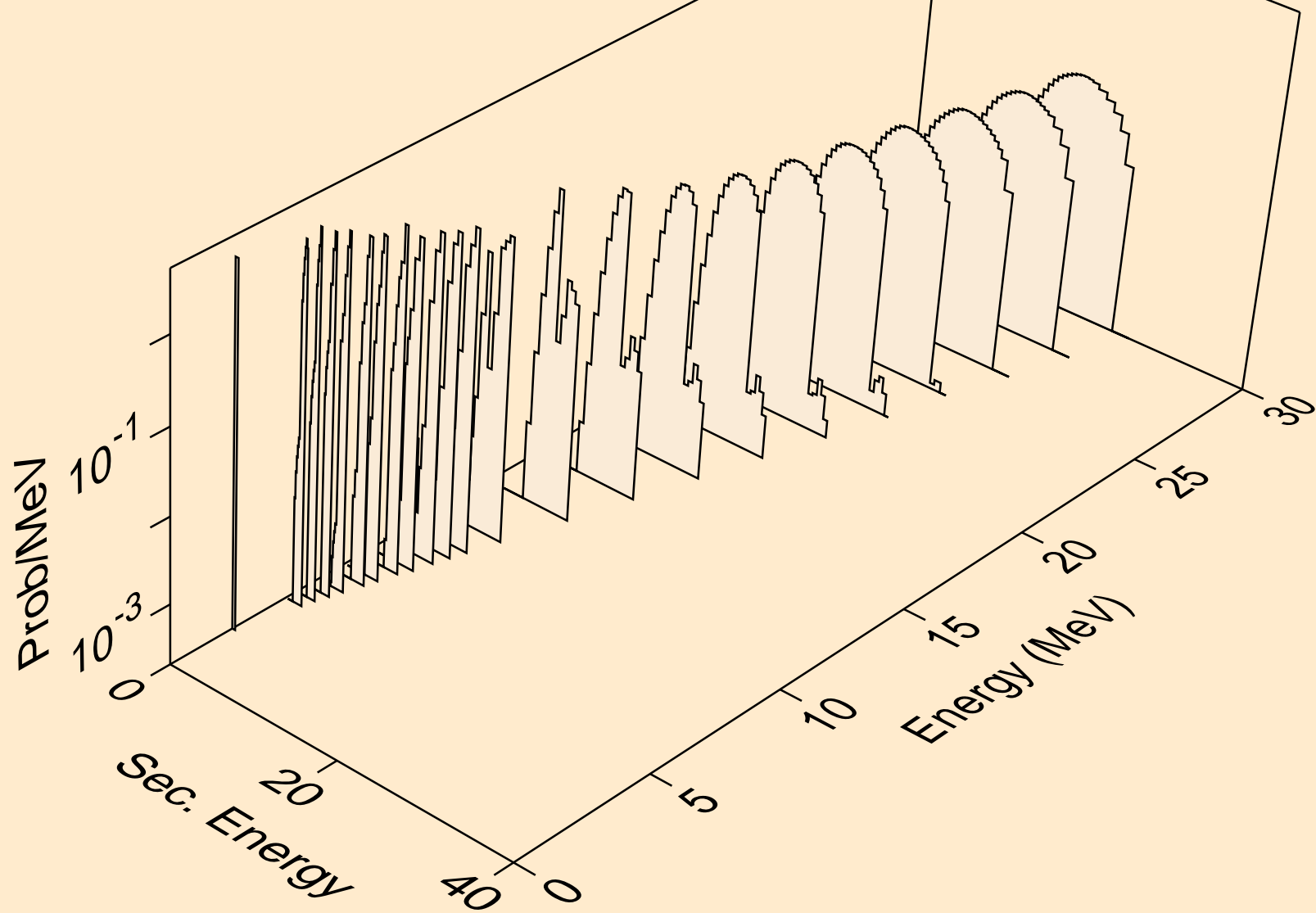
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



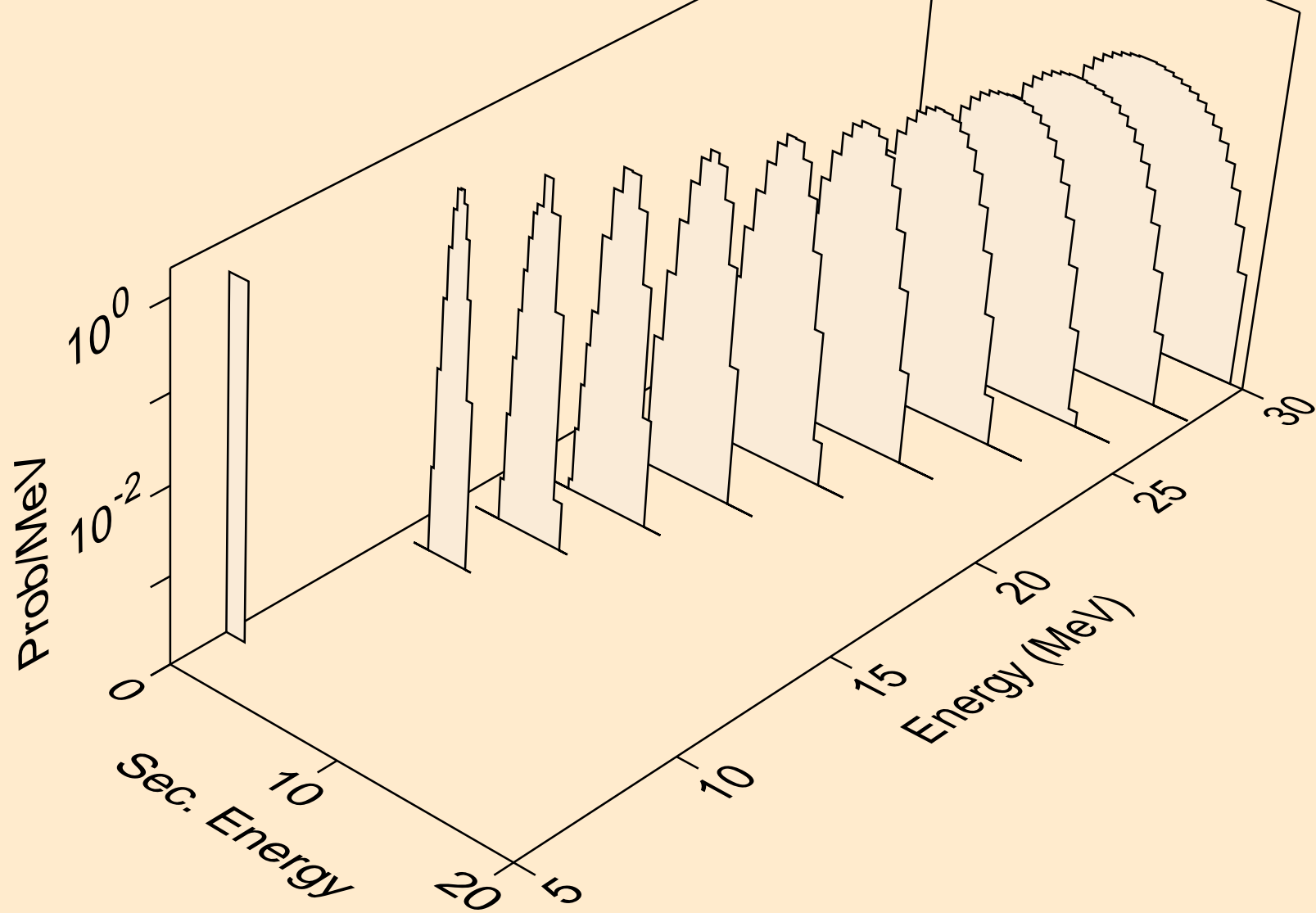
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

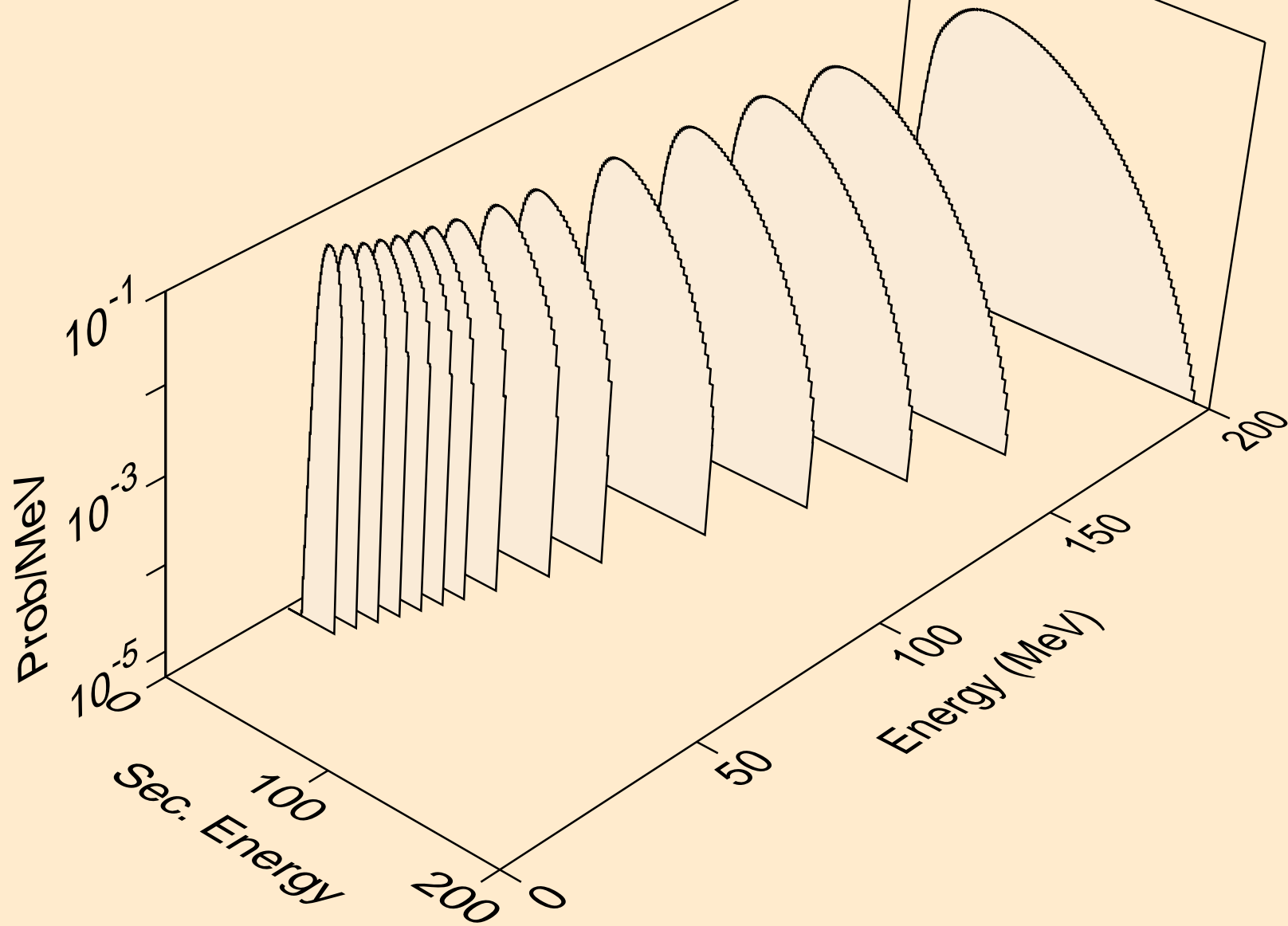


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

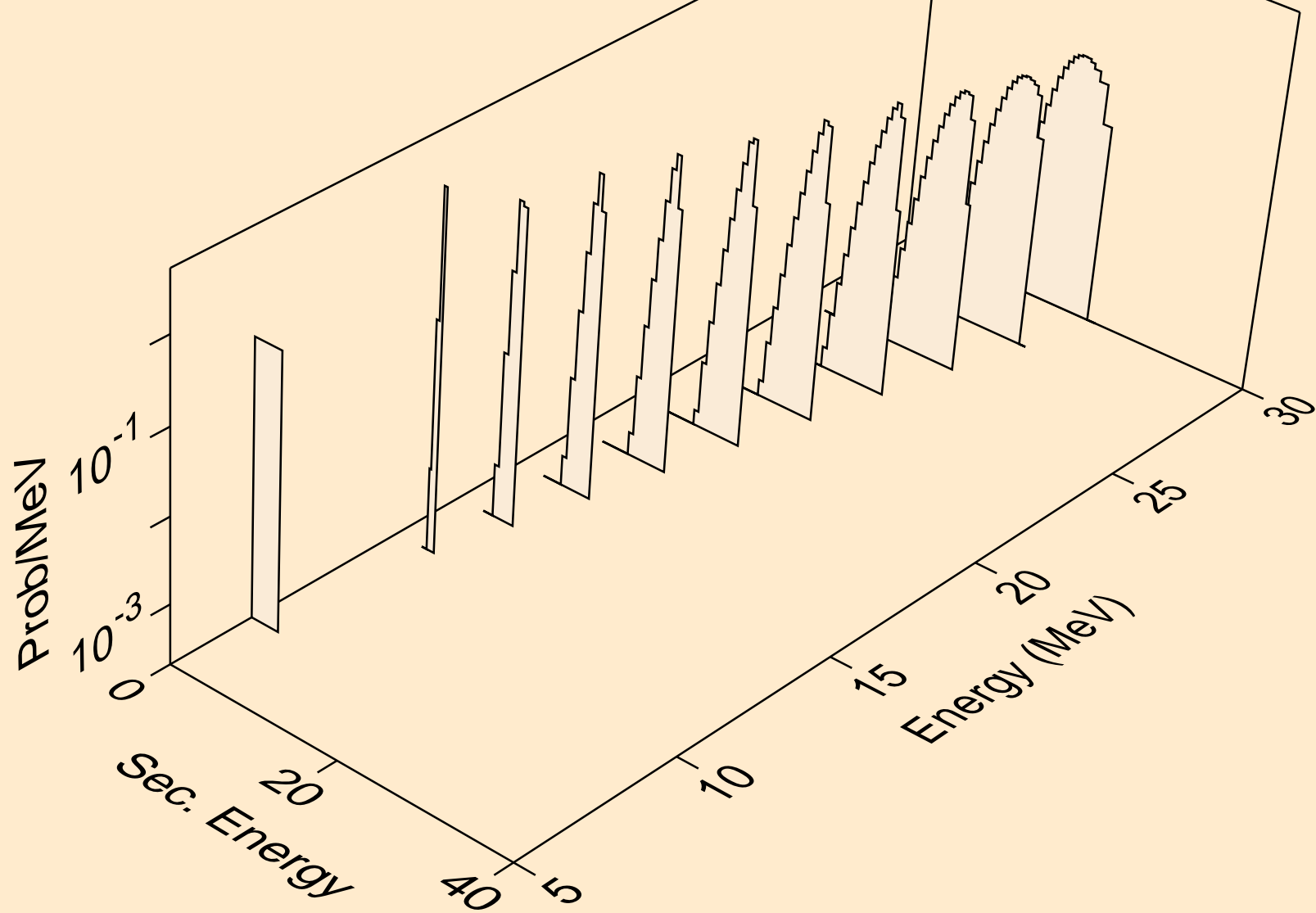




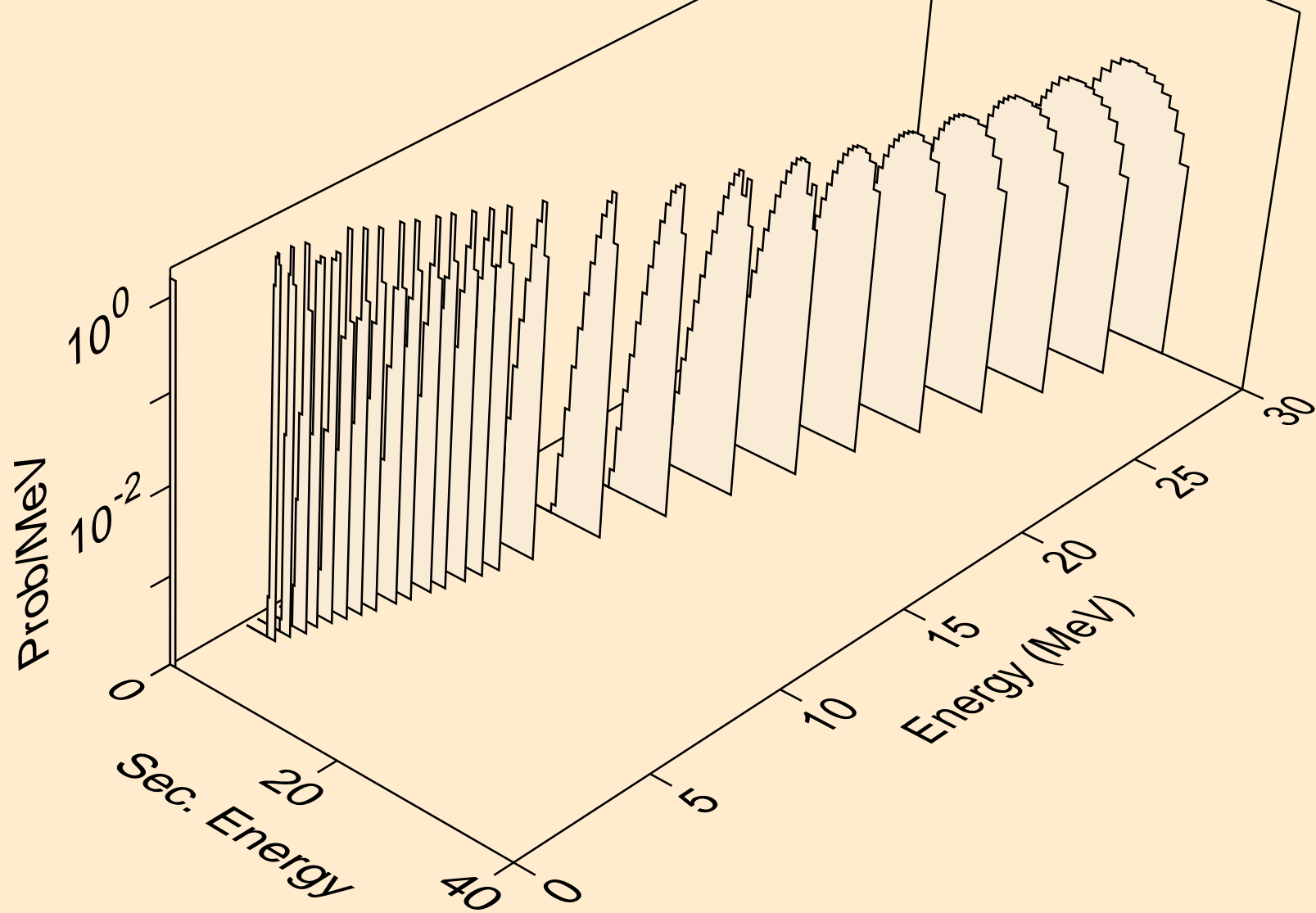
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



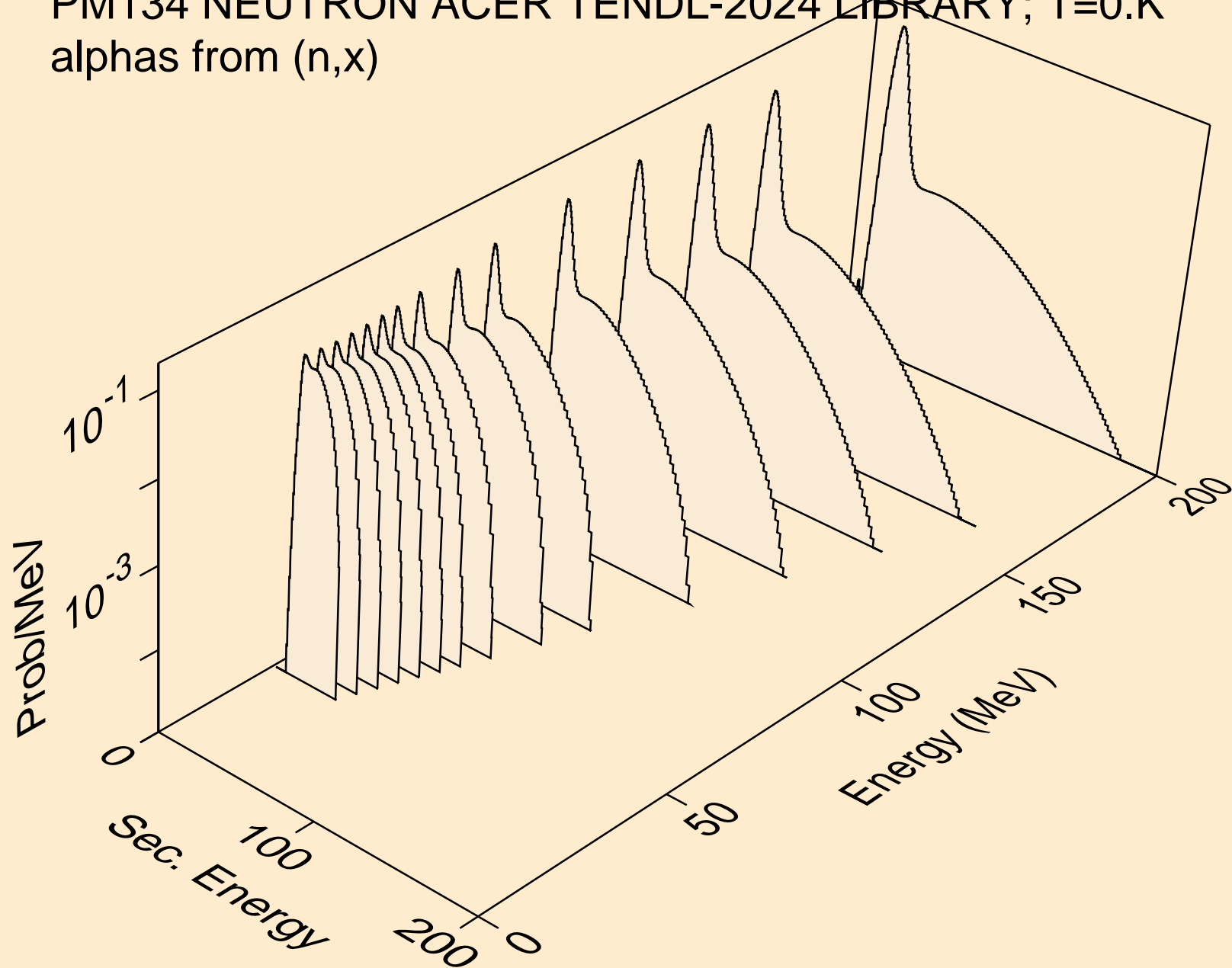
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



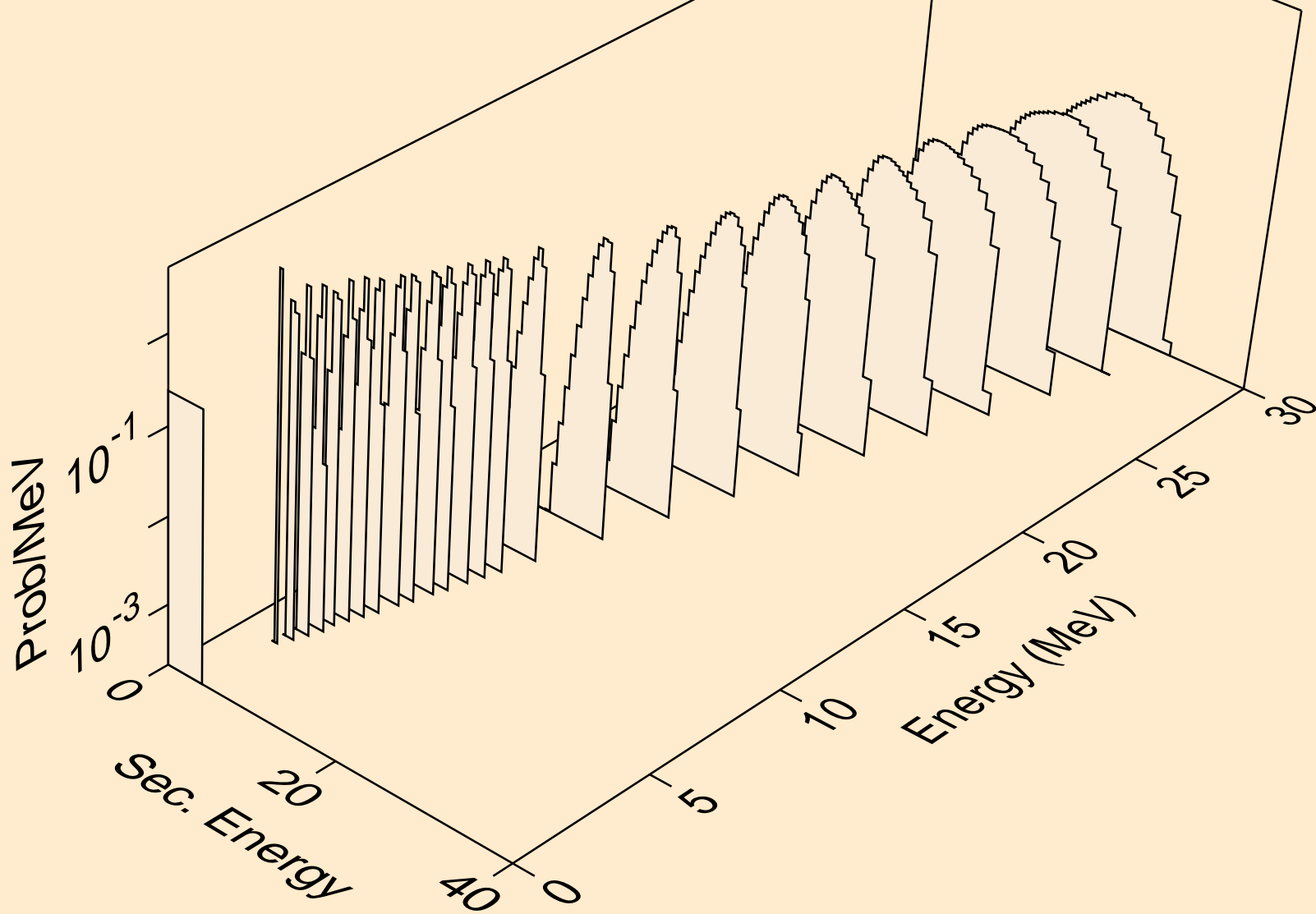
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



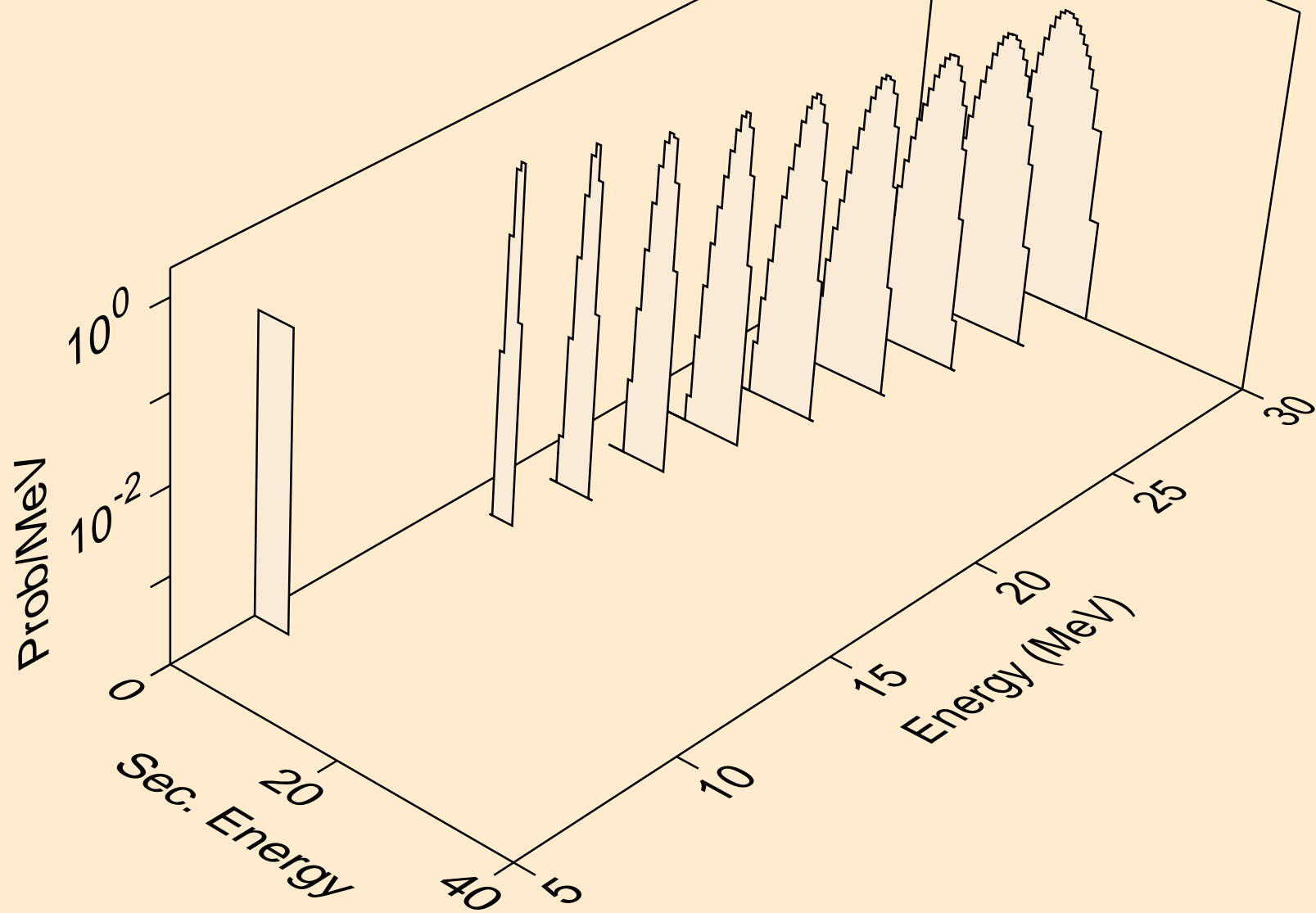
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



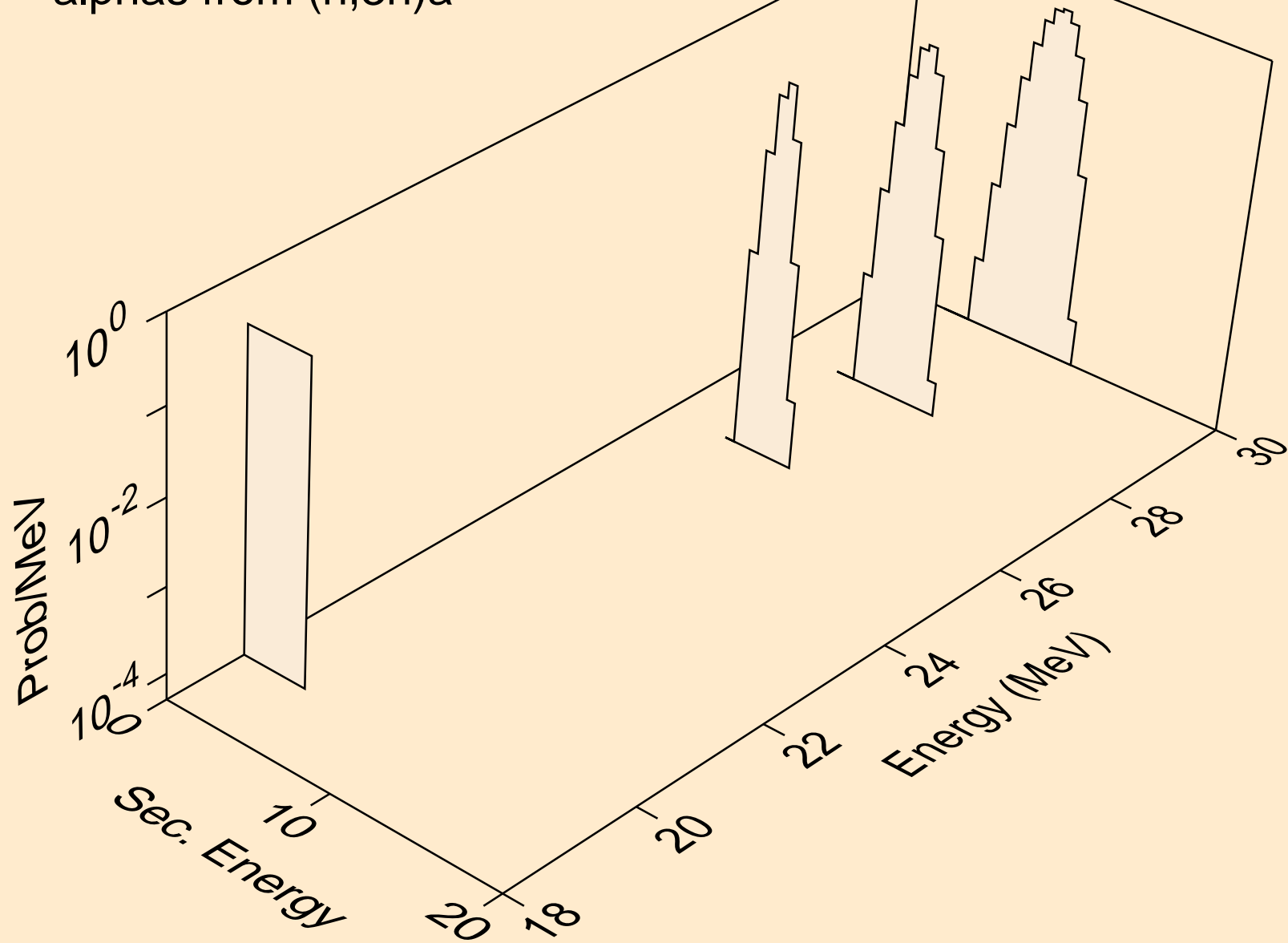
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



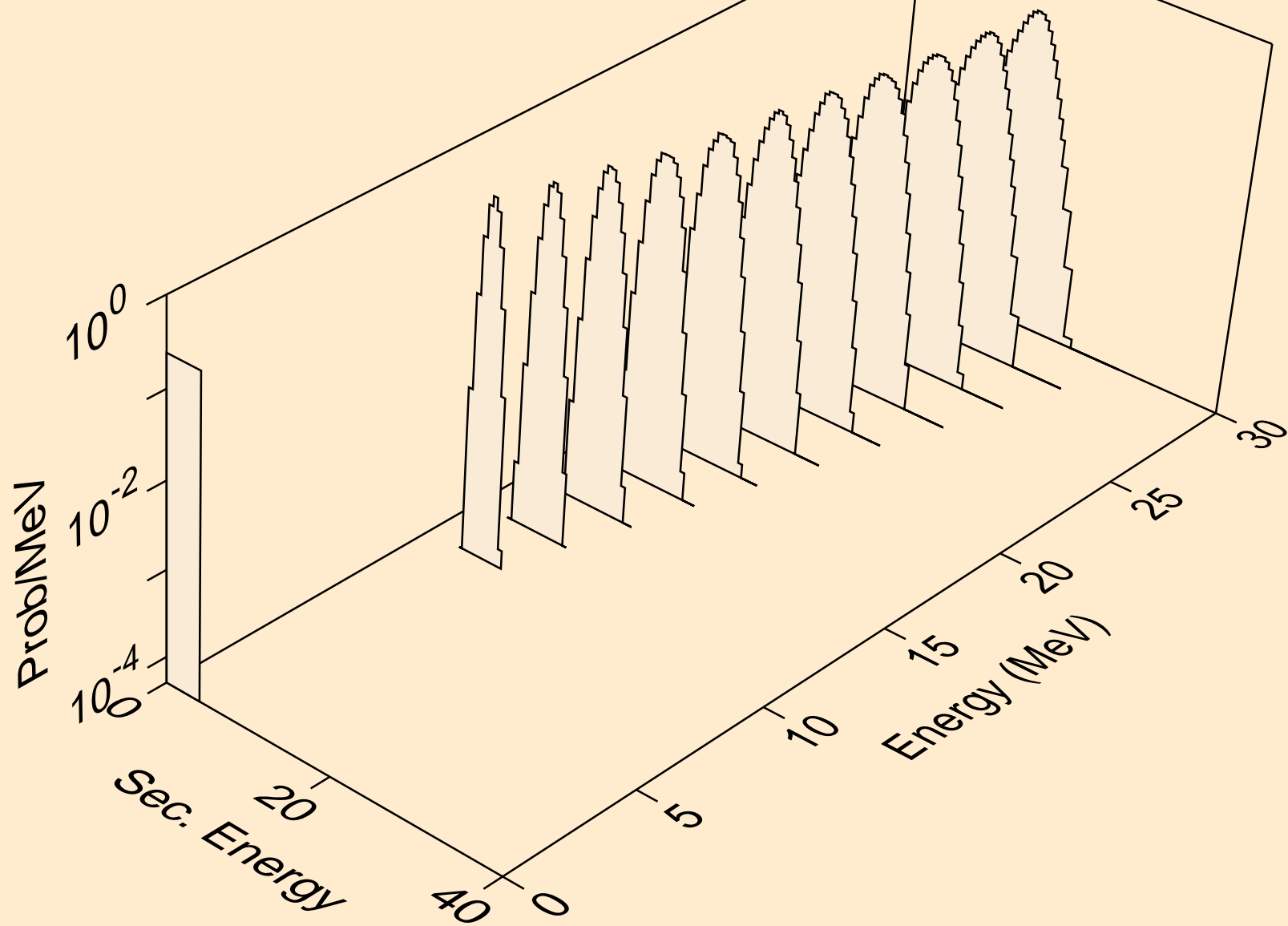
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

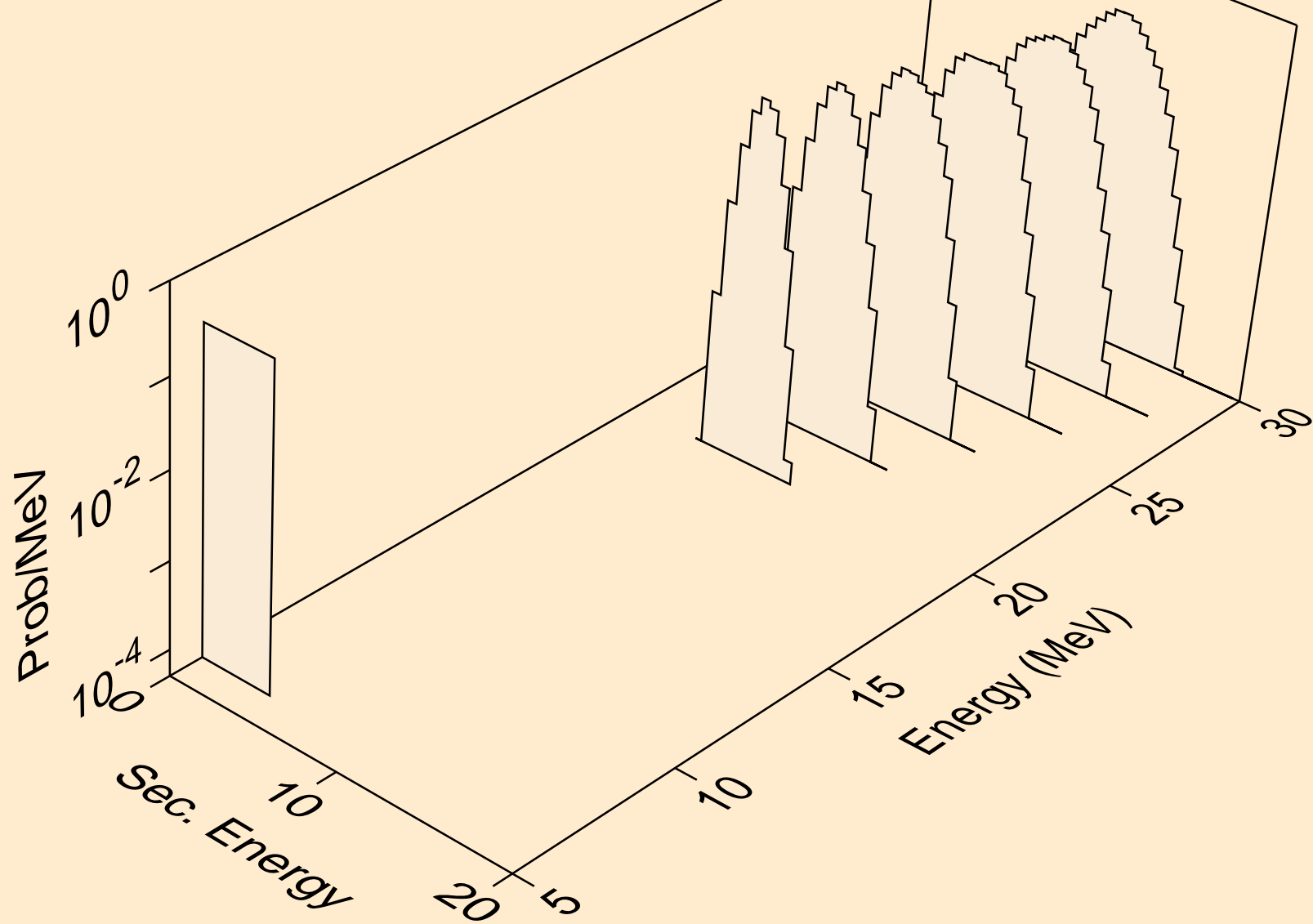


PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

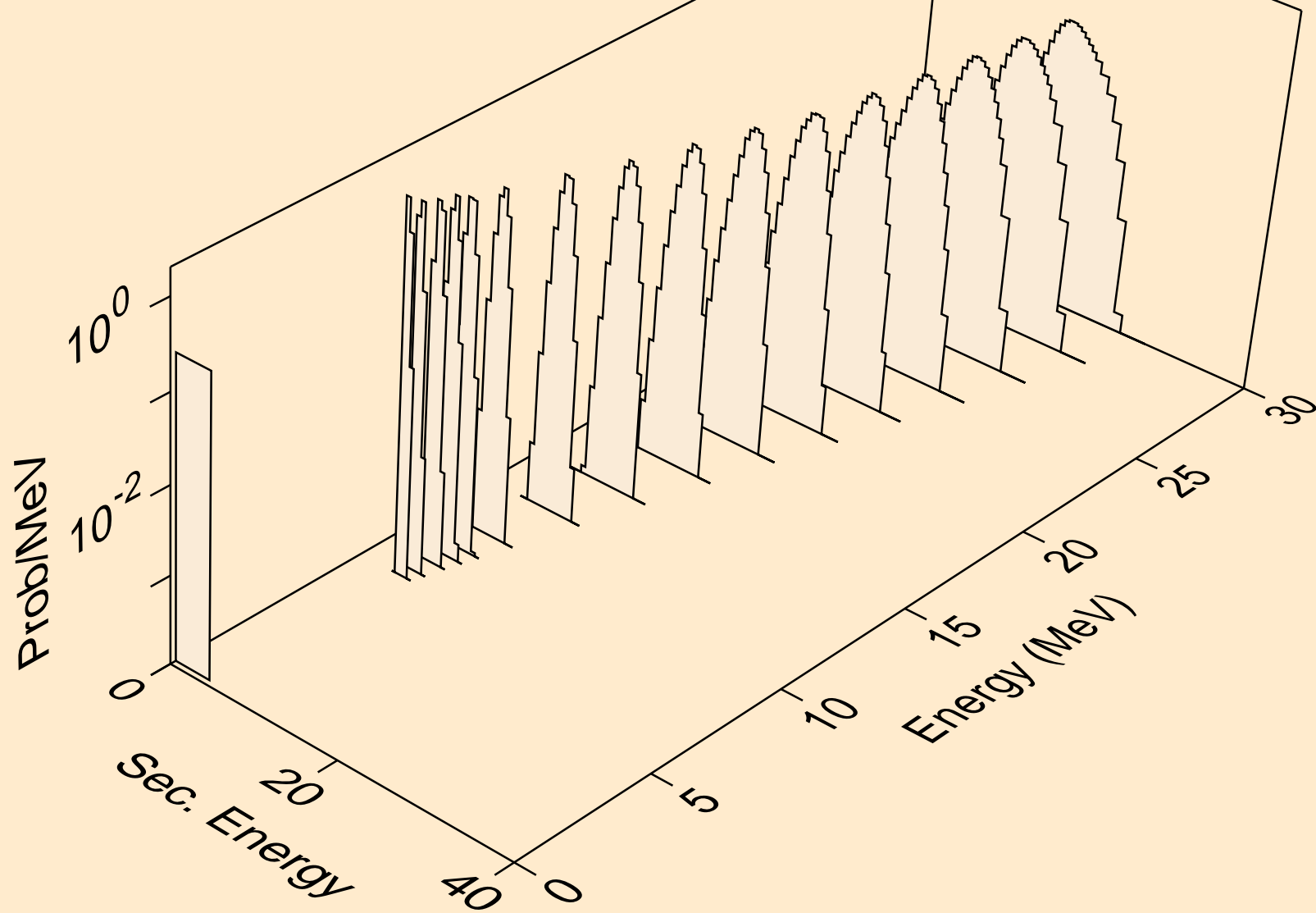




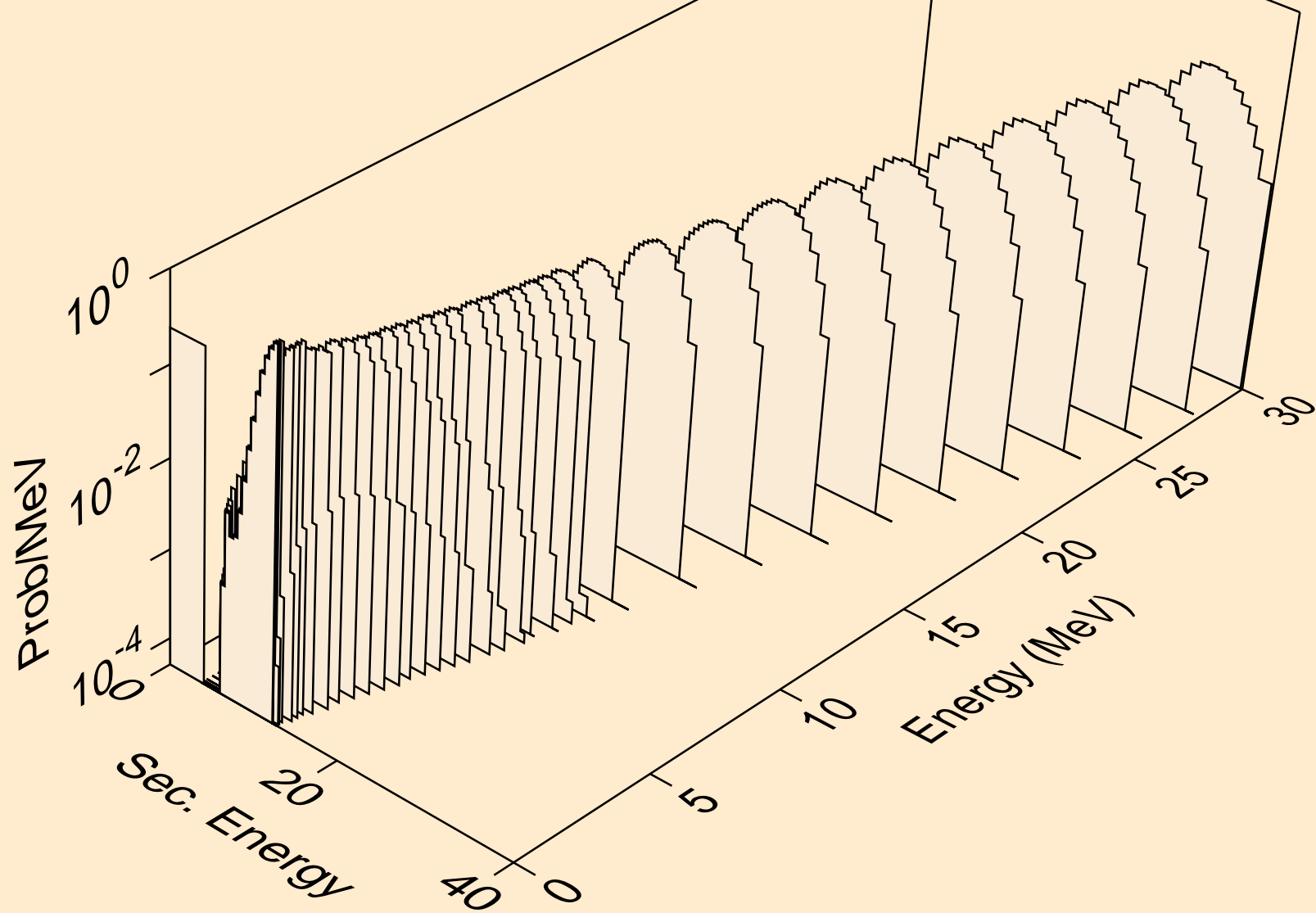
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



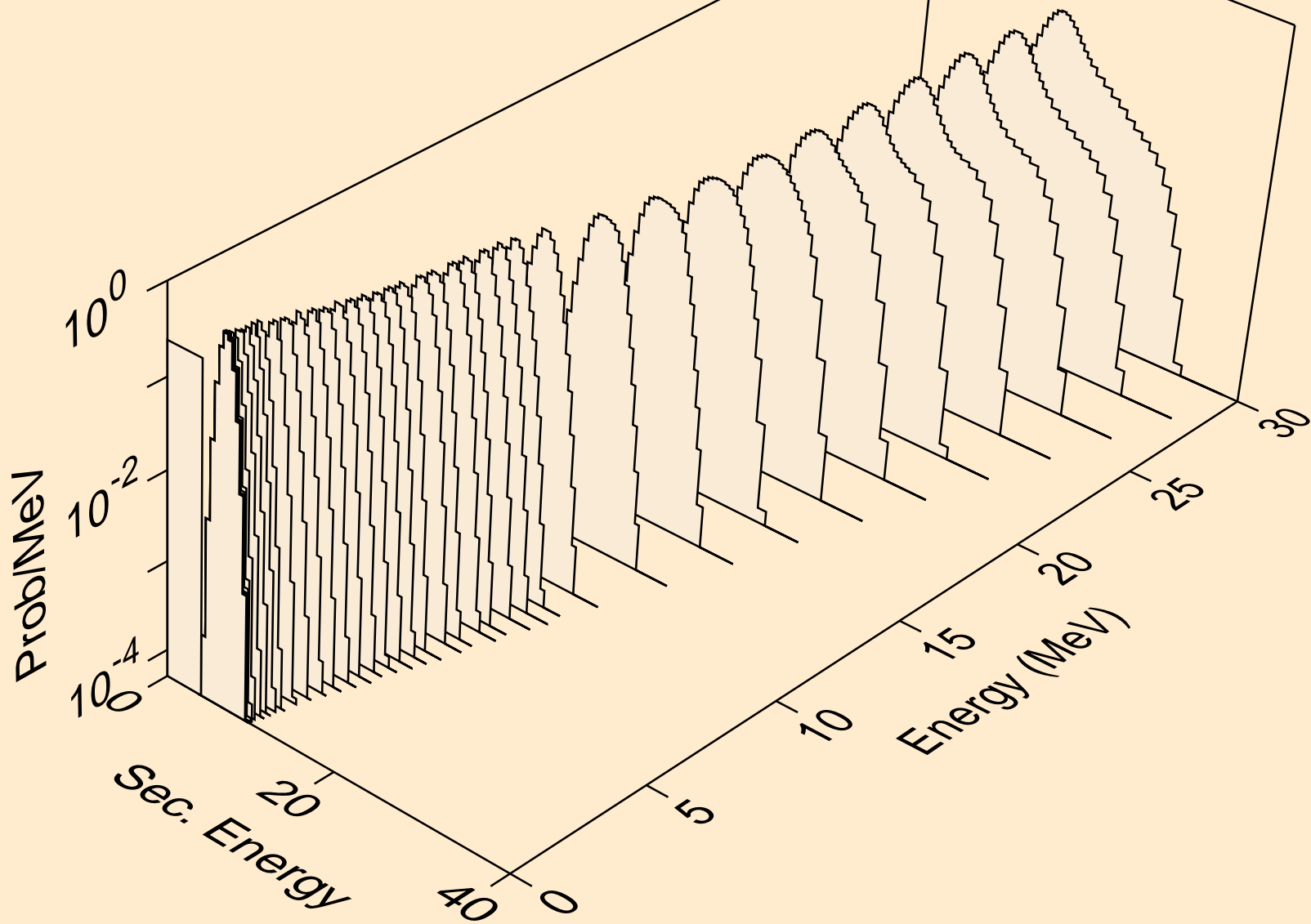
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



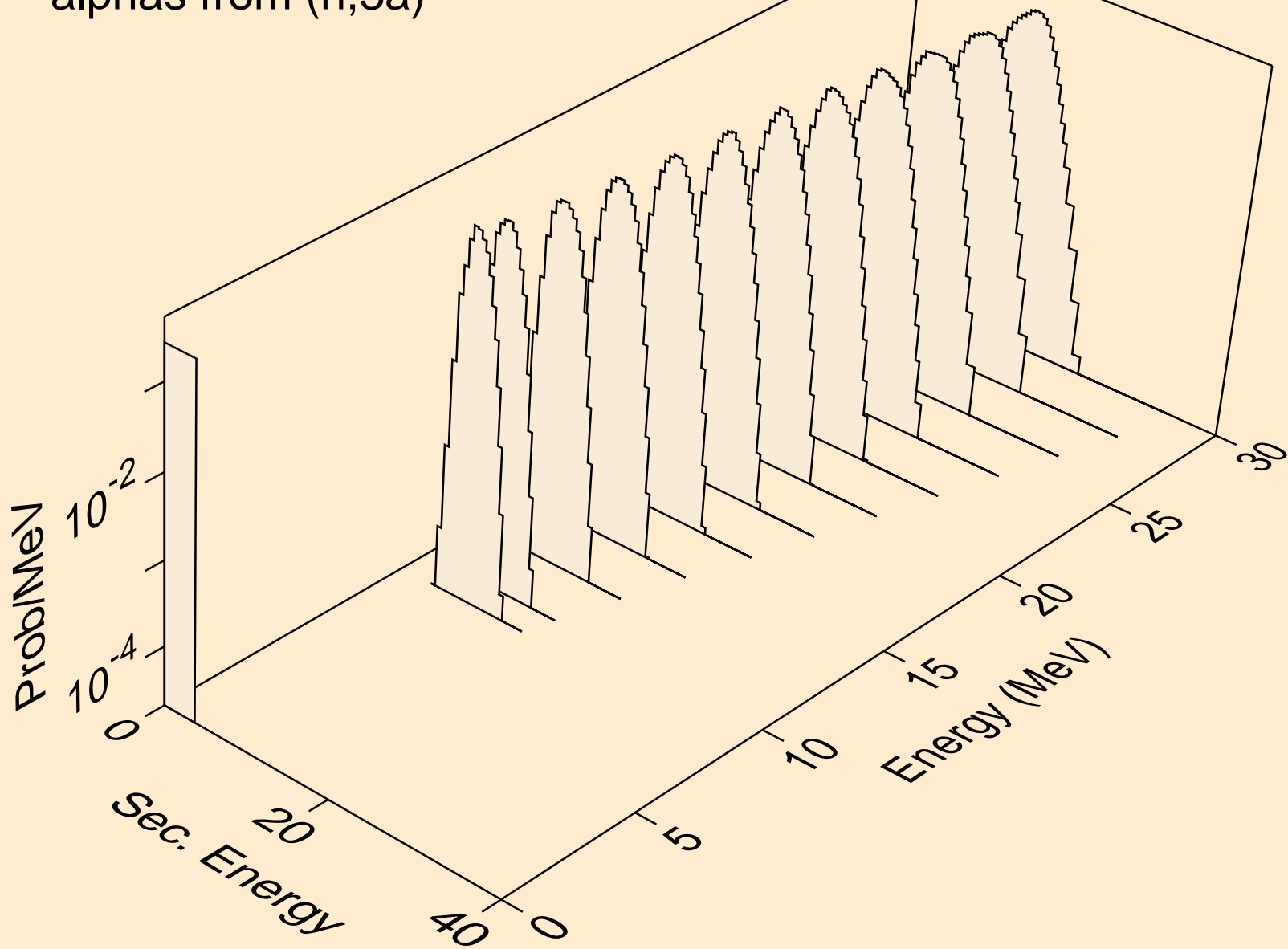
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



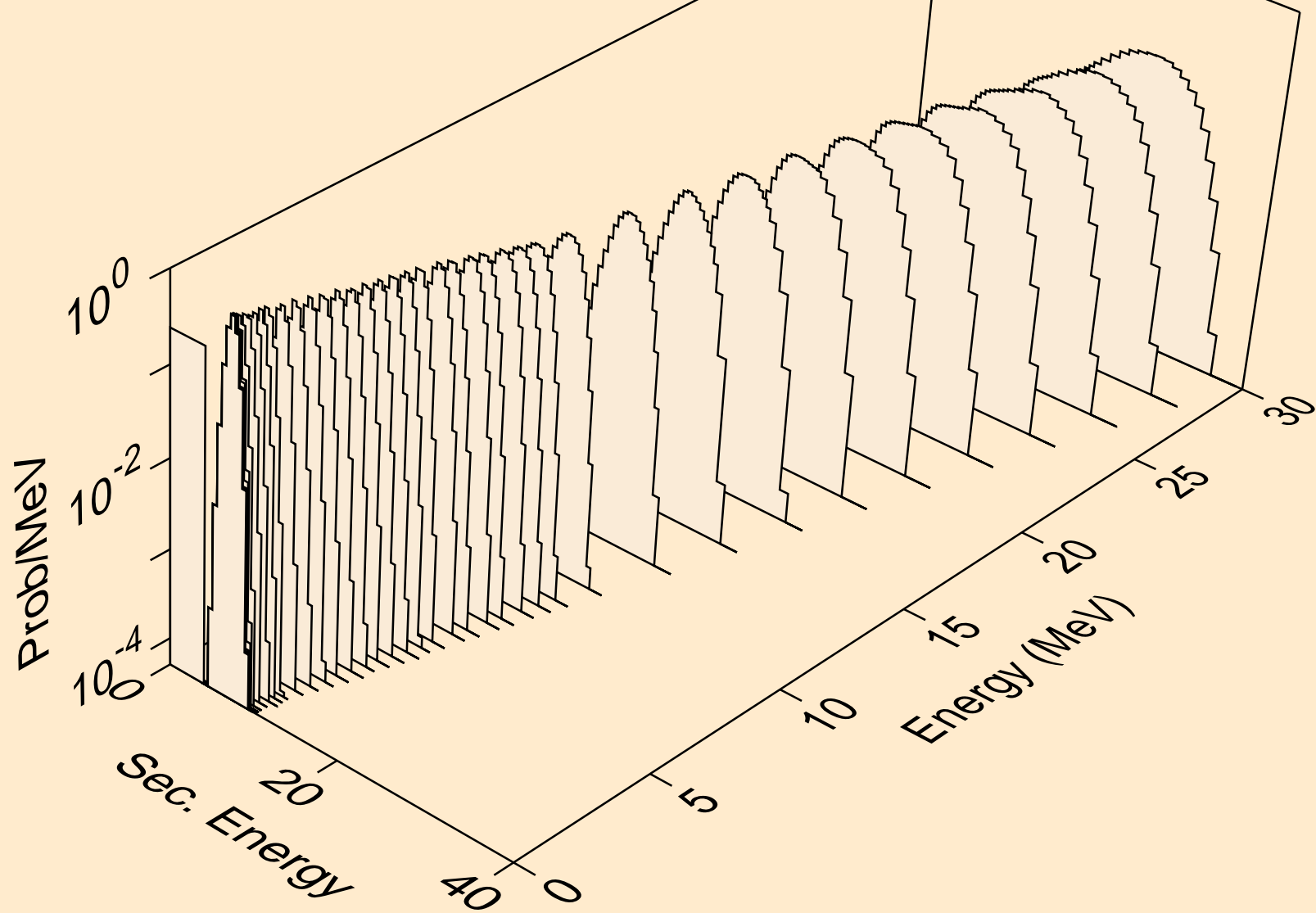
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



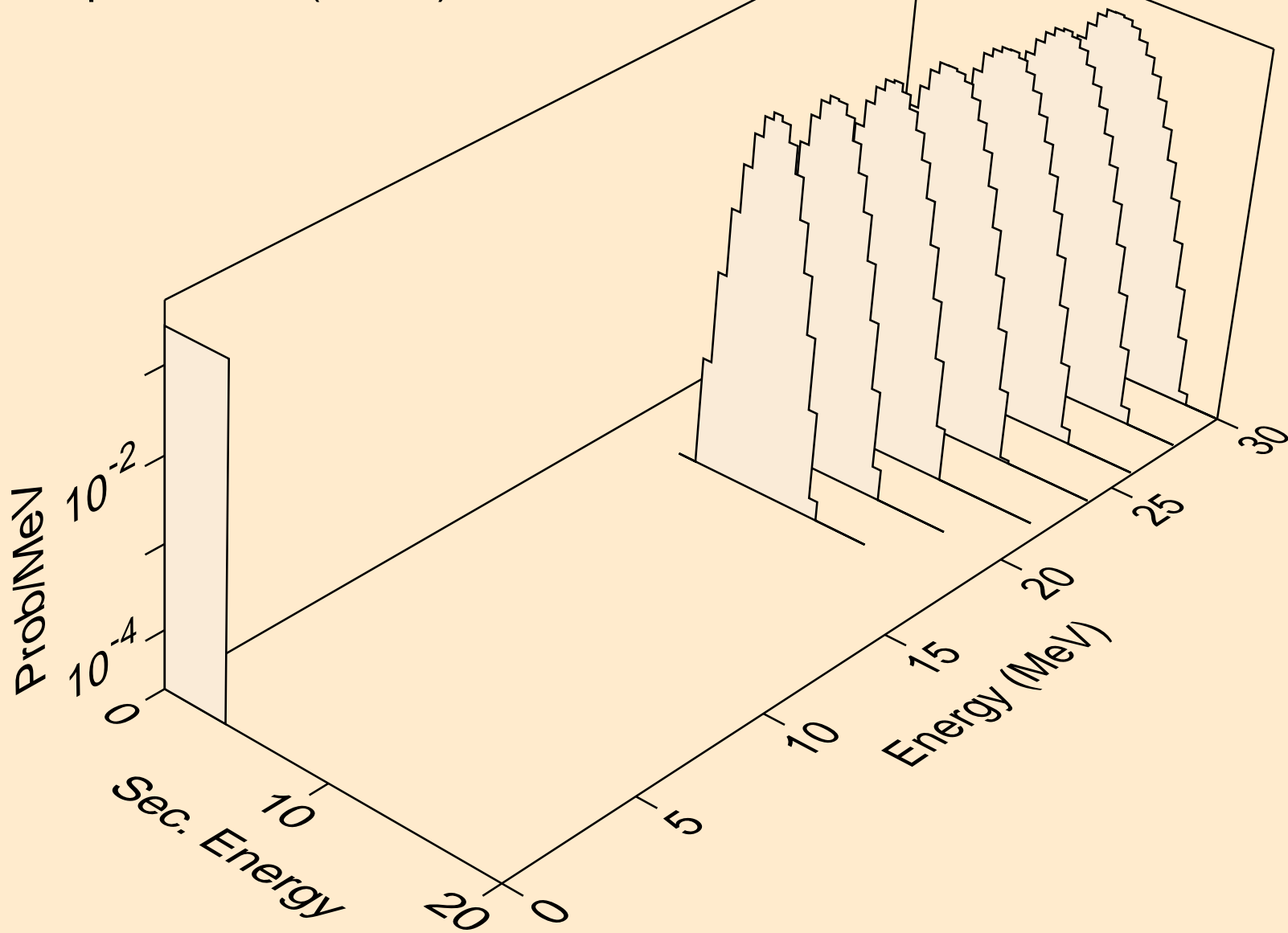
PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



PM134 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

