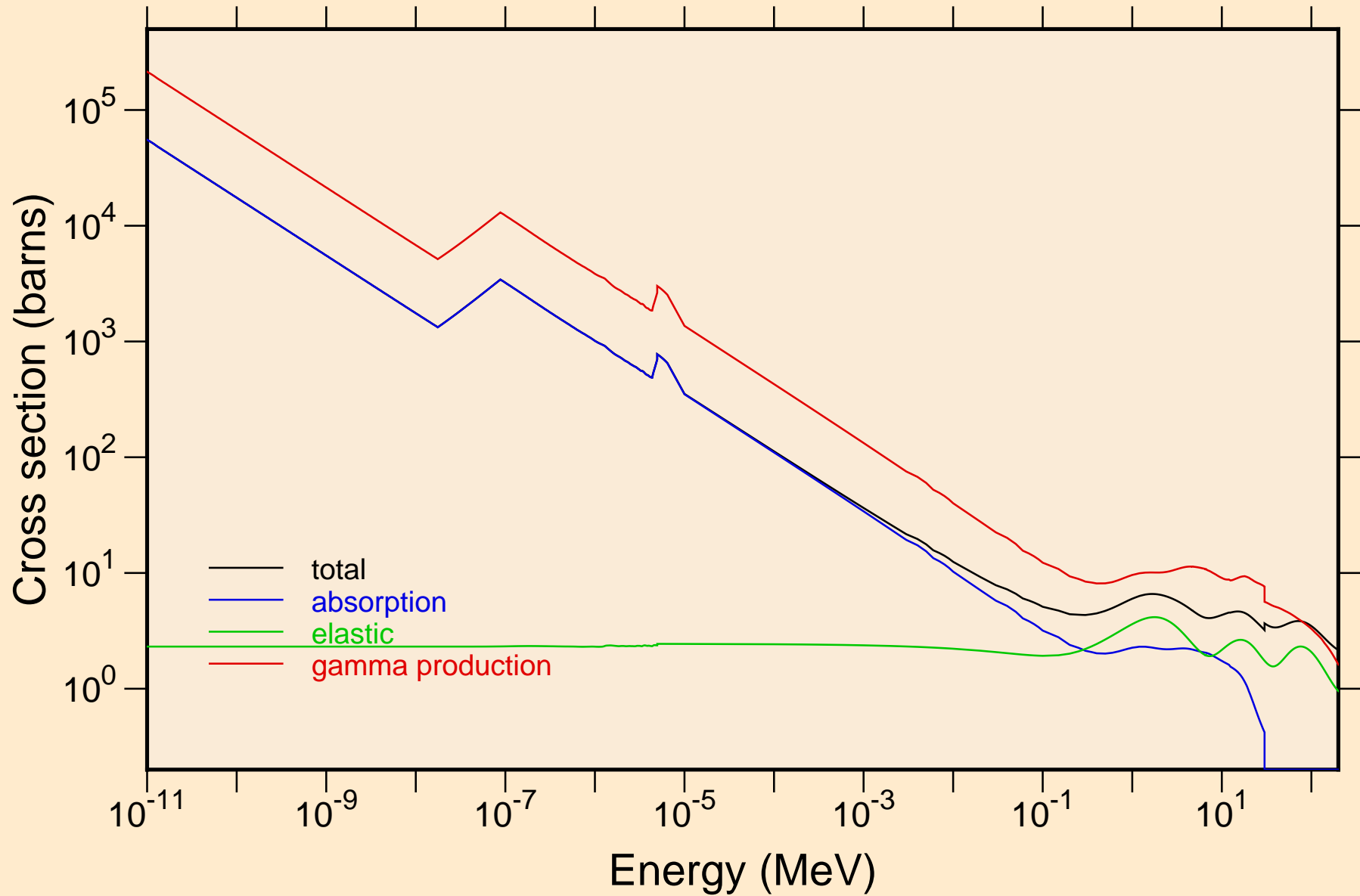


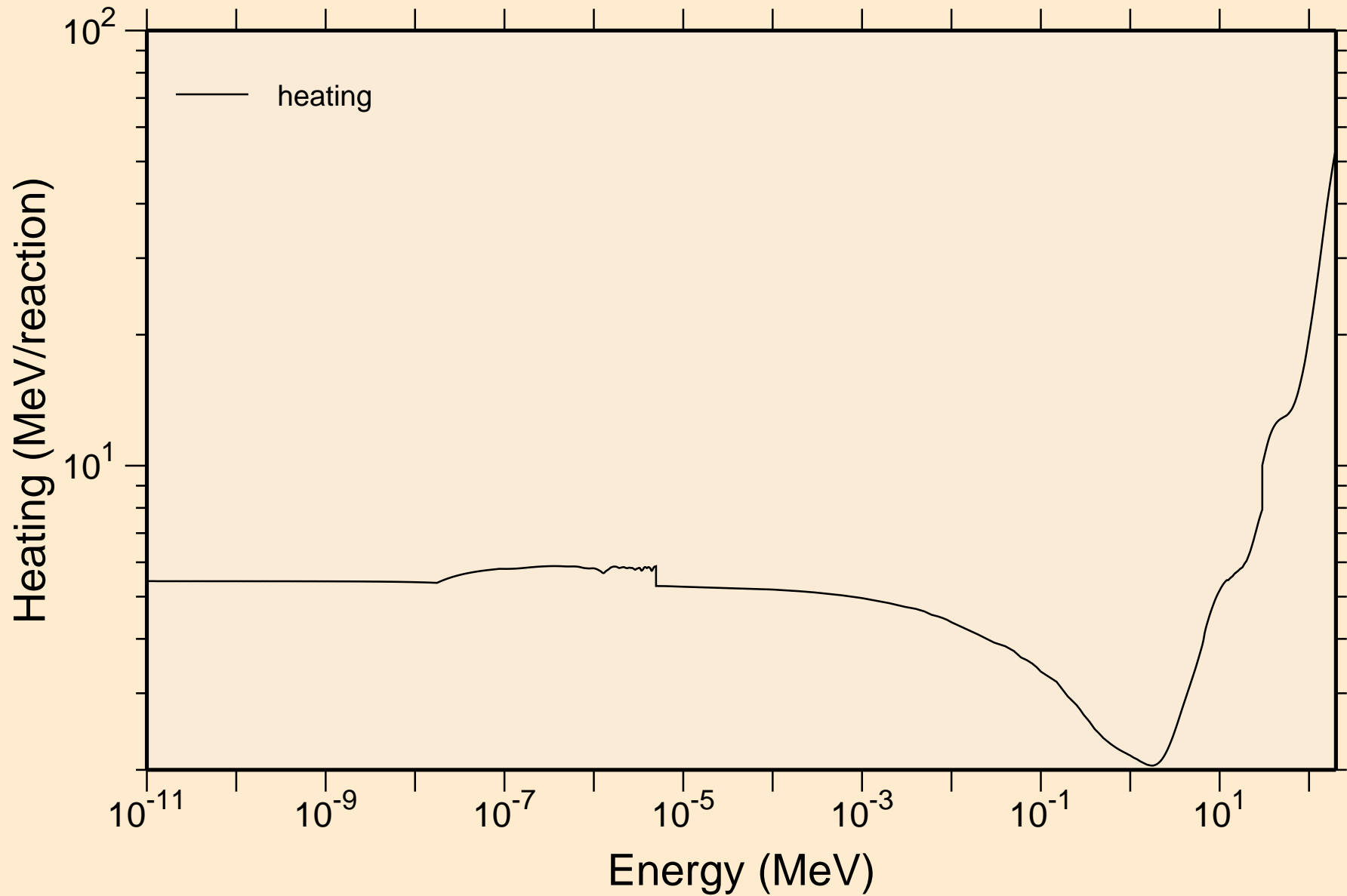
# PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

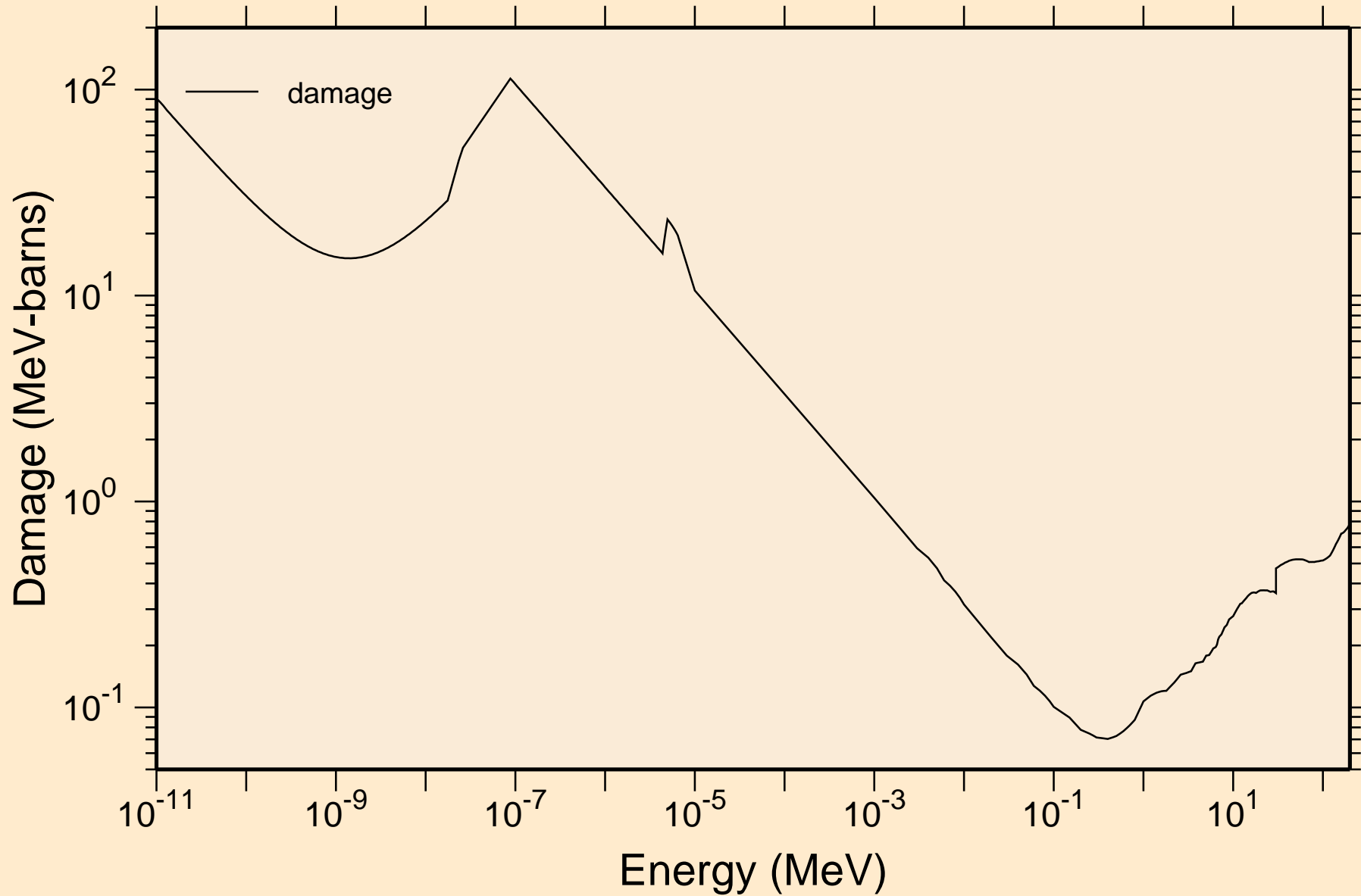


# PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

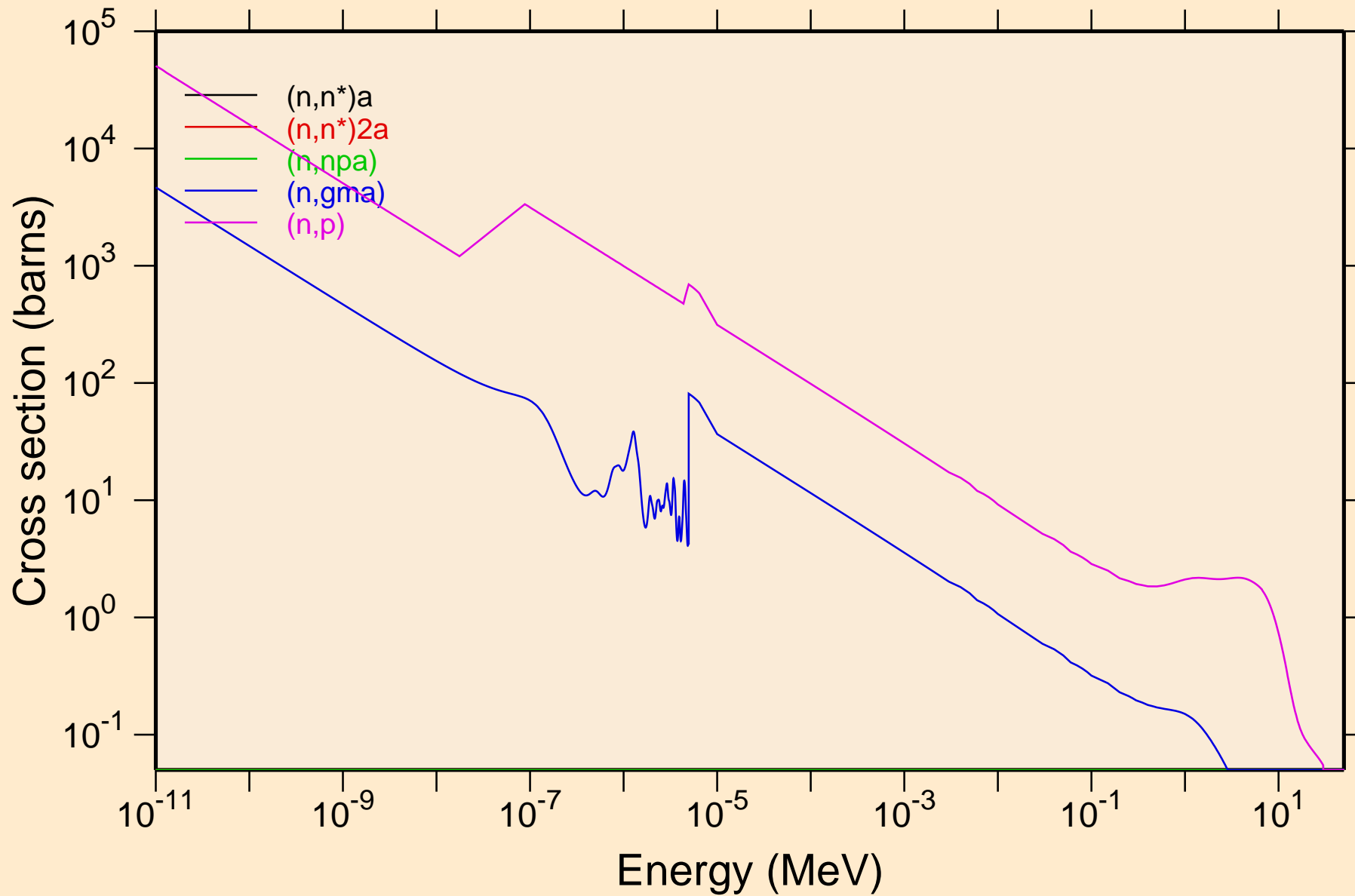
## Heating



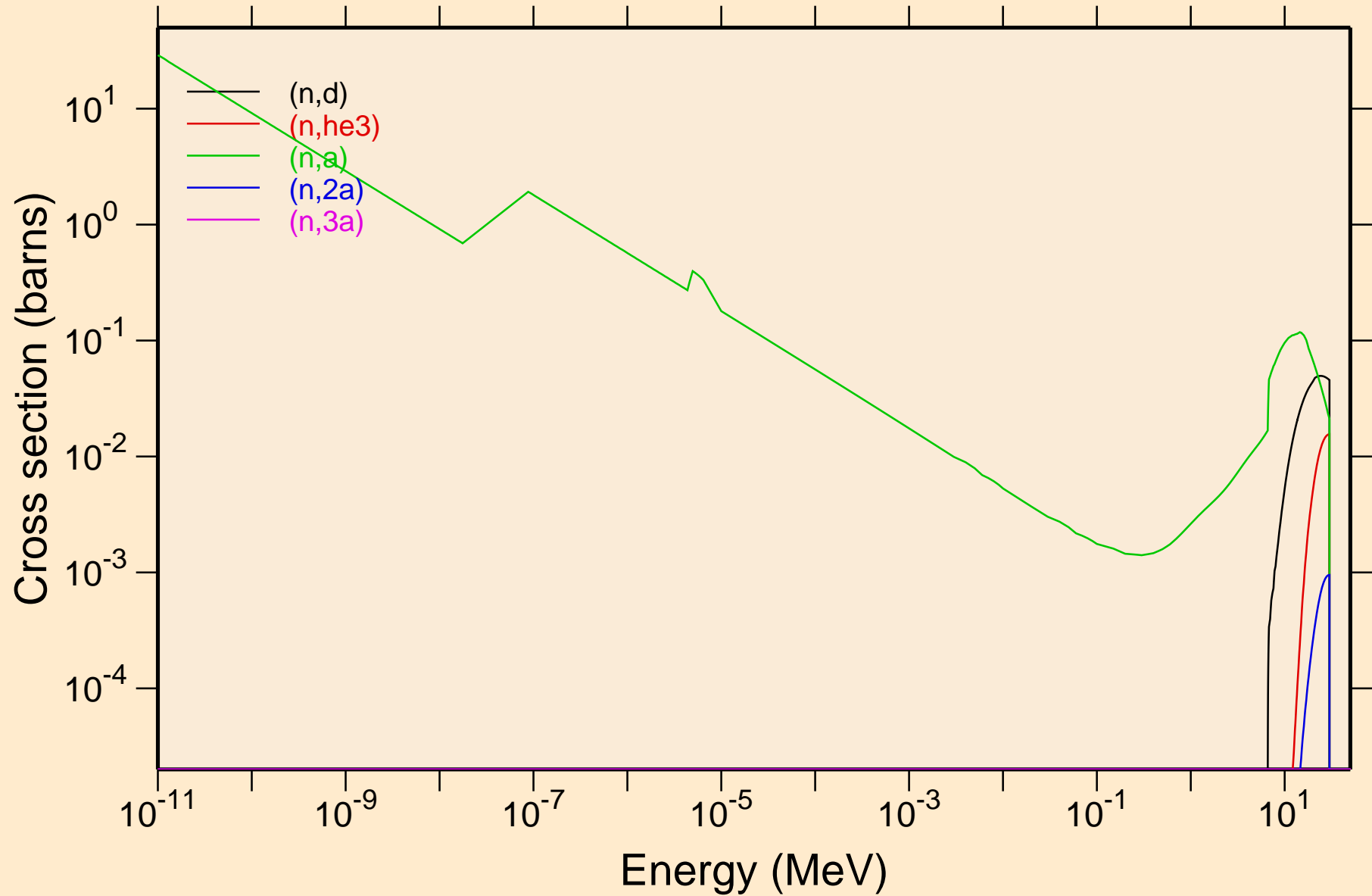
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



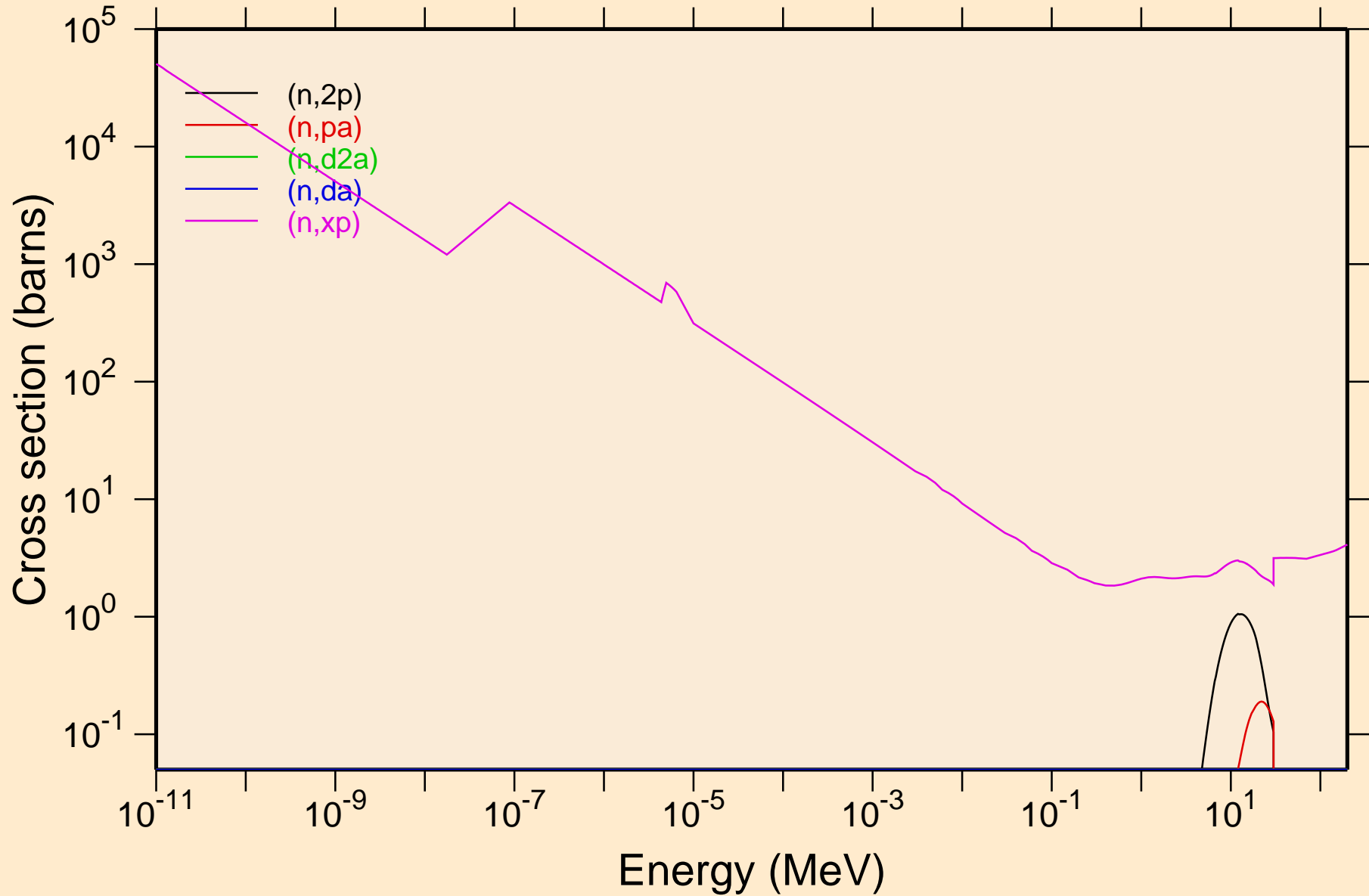
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



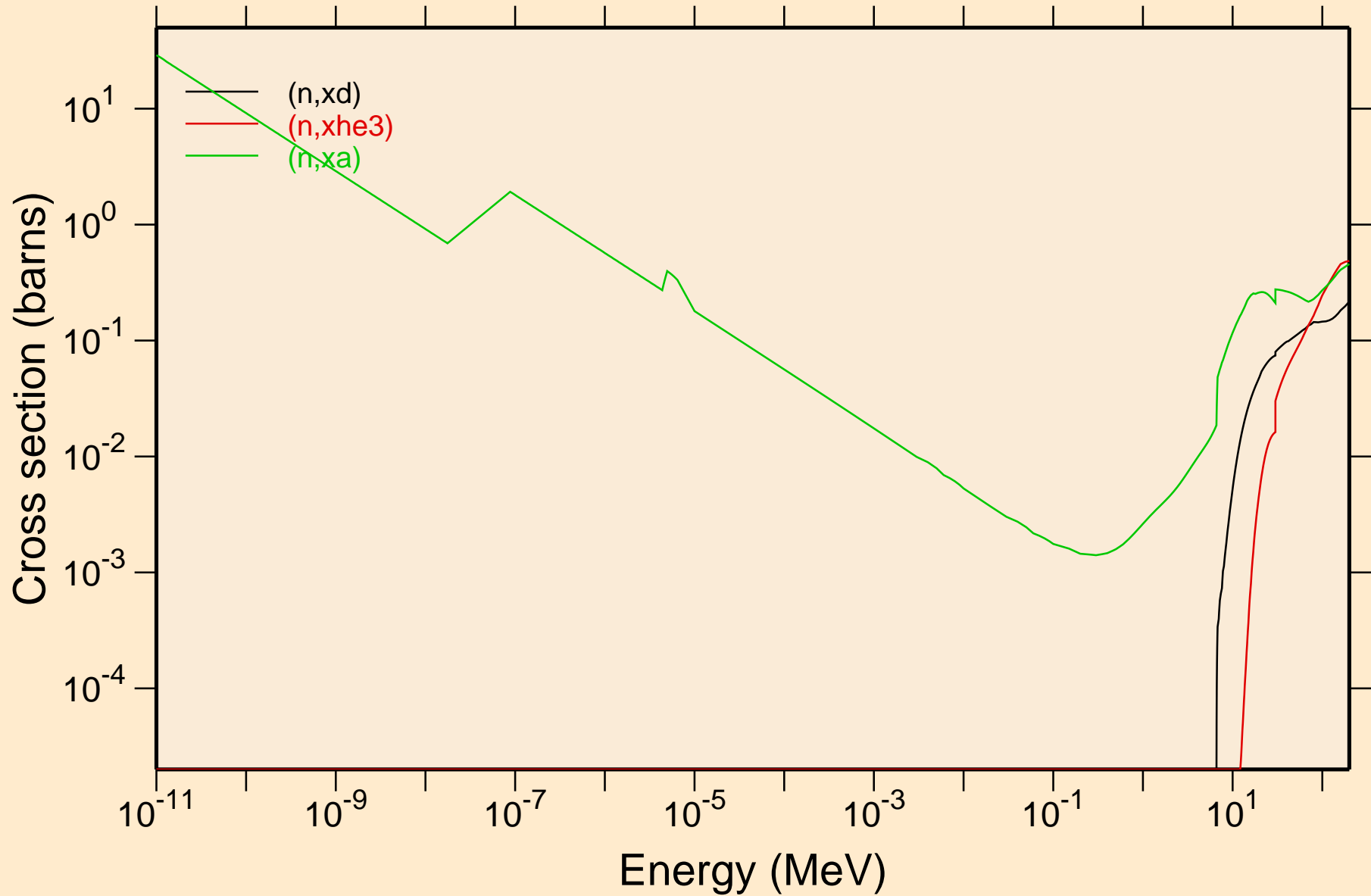
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

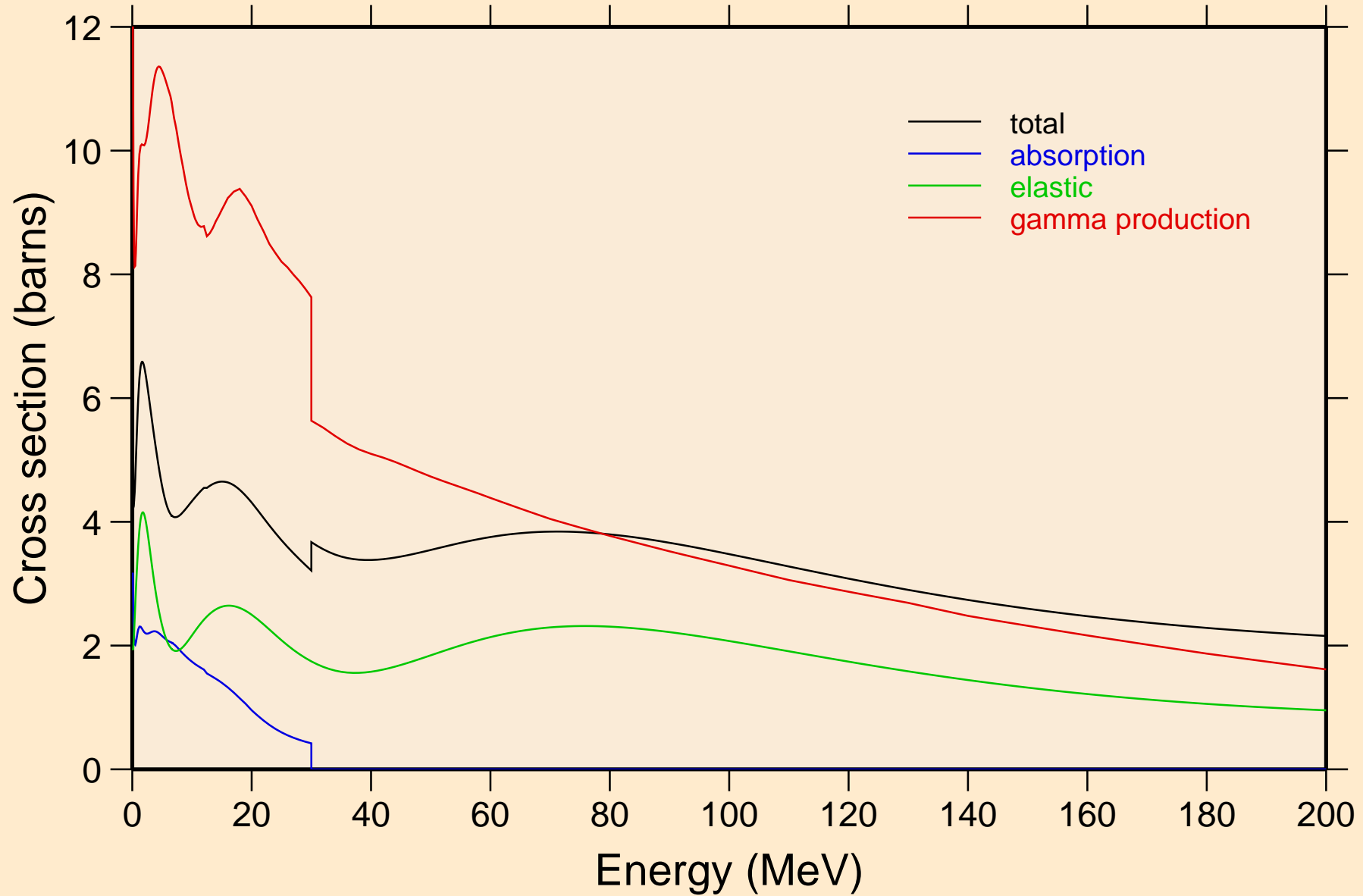


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



# PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

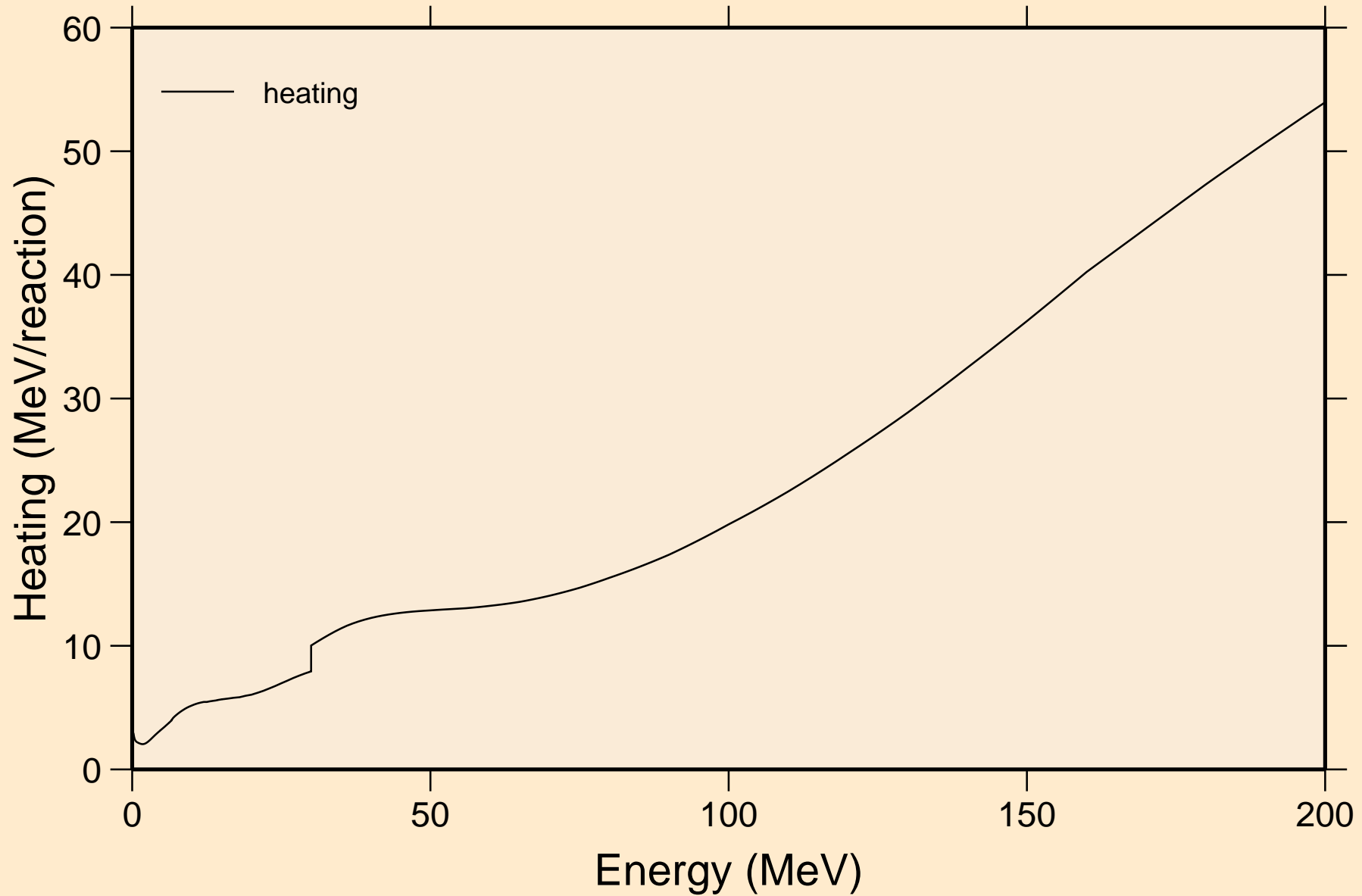
## Principal cross sections



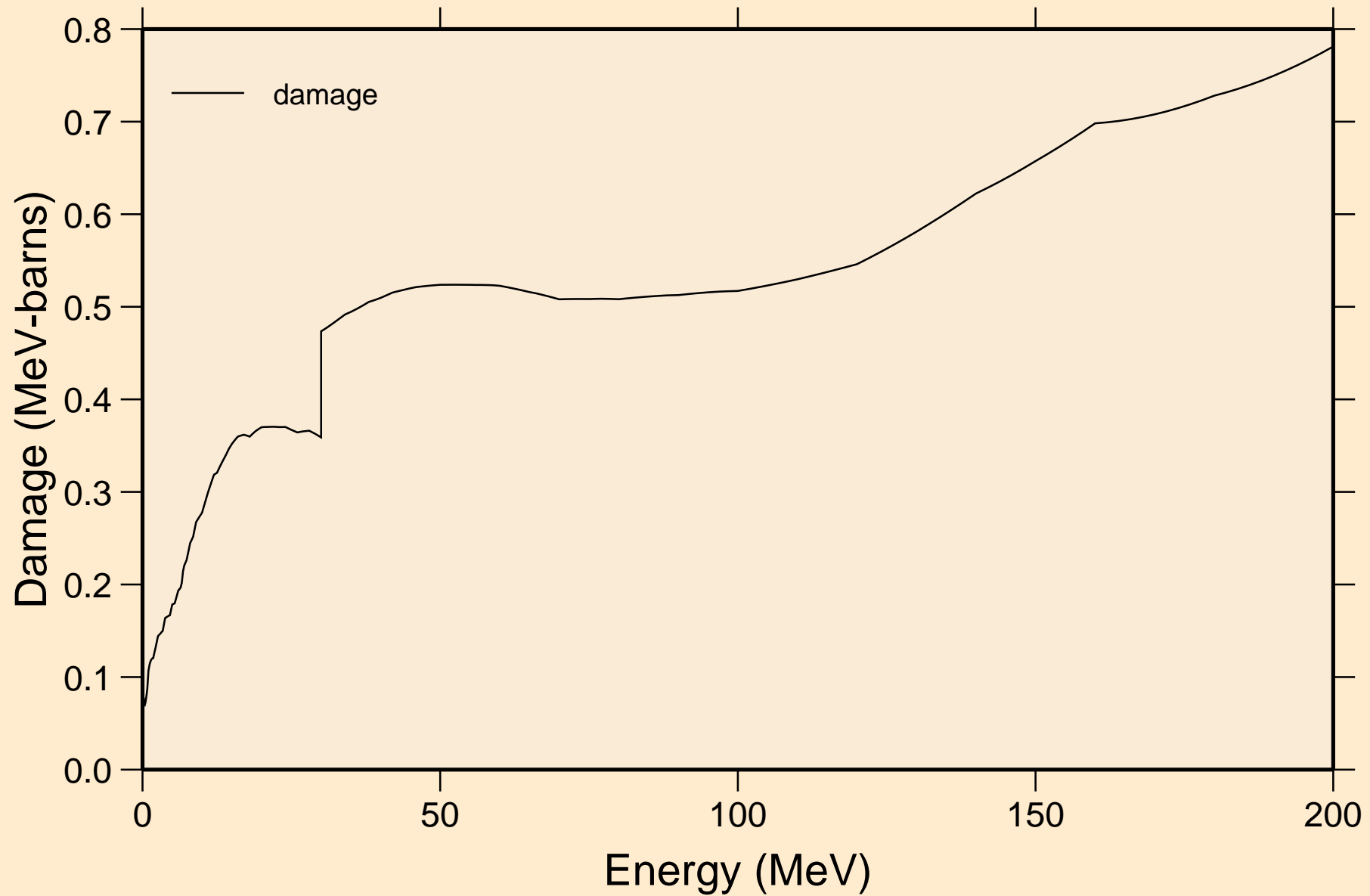


# PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

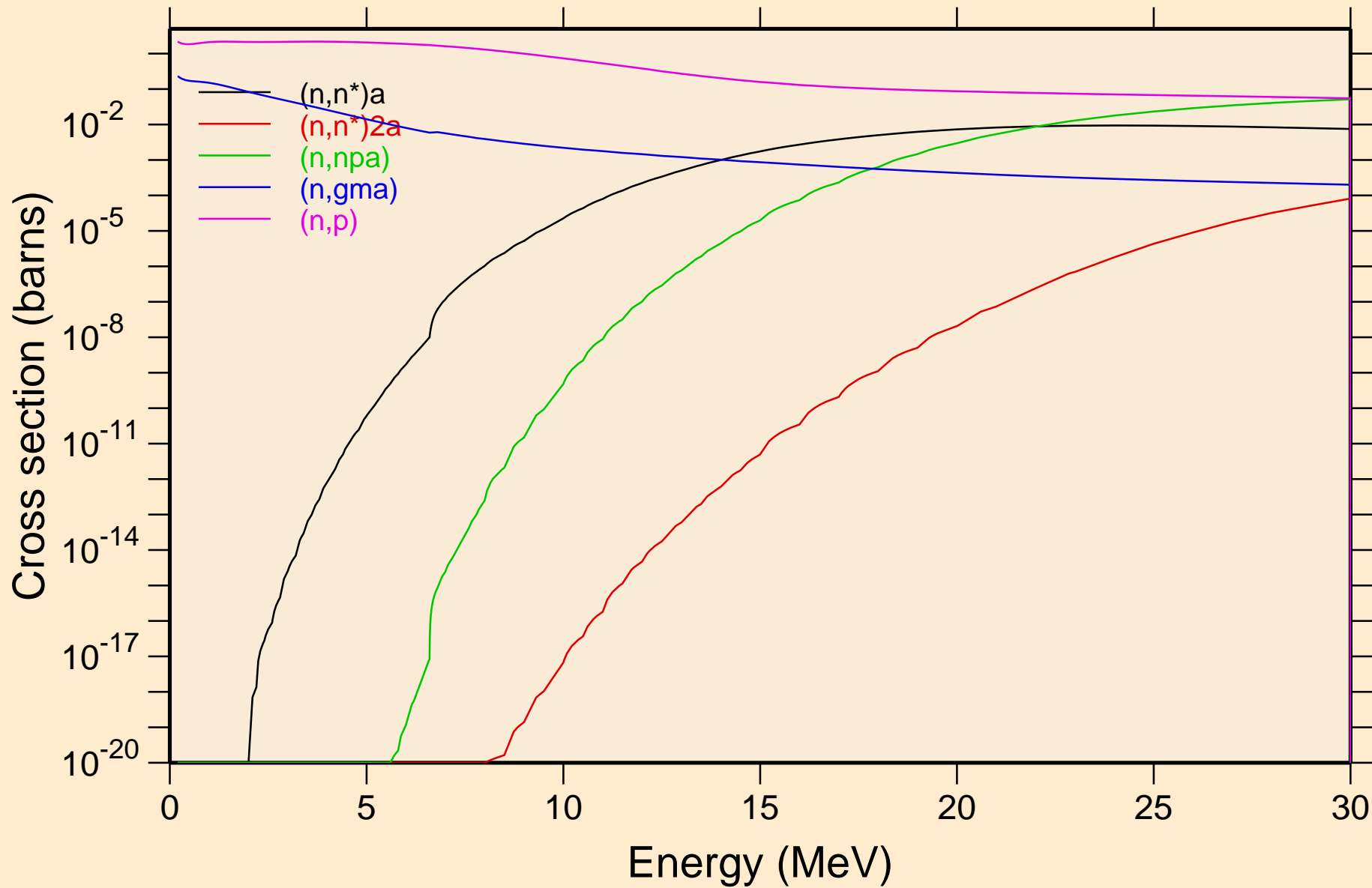
## Heating



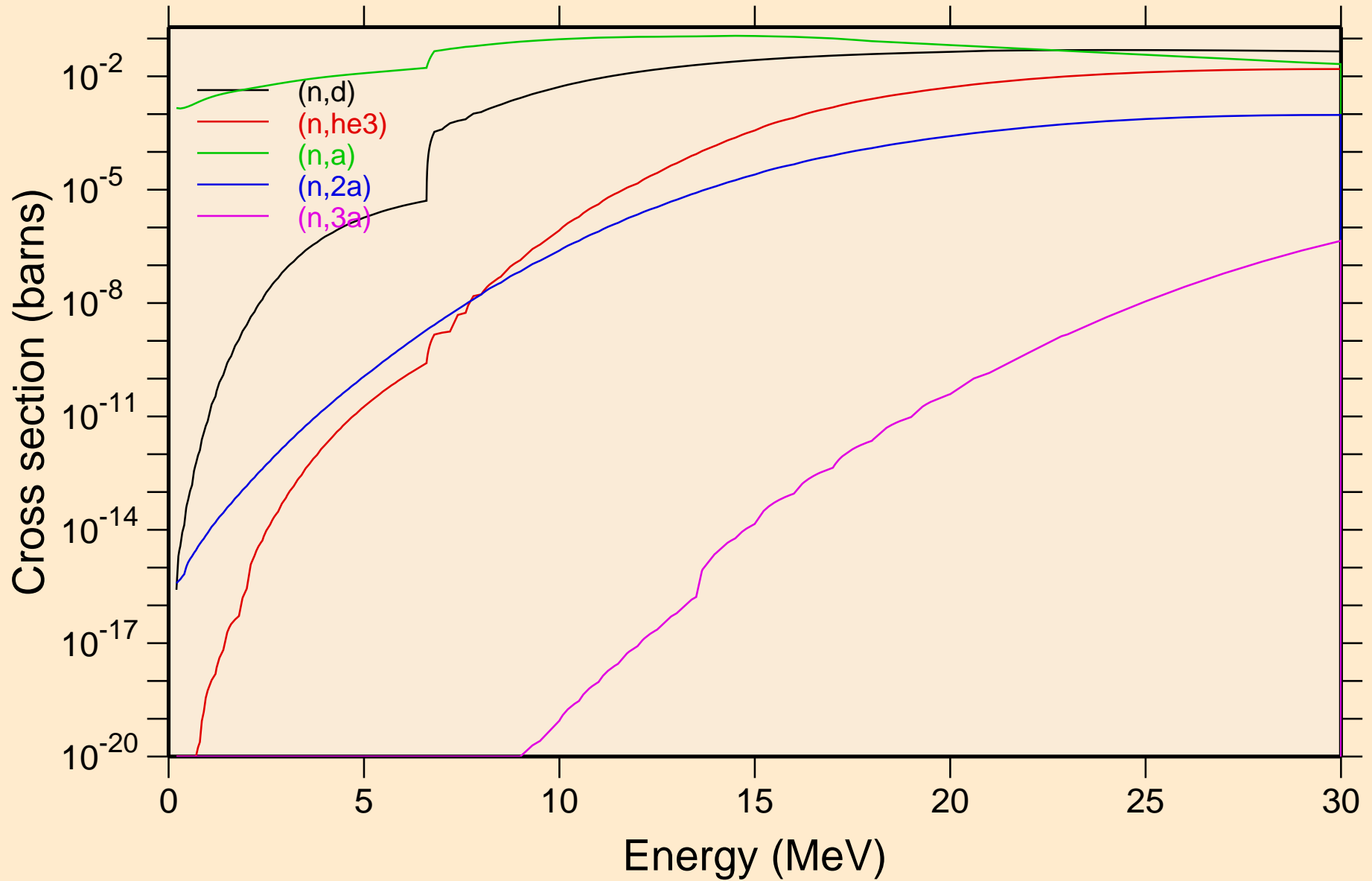
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

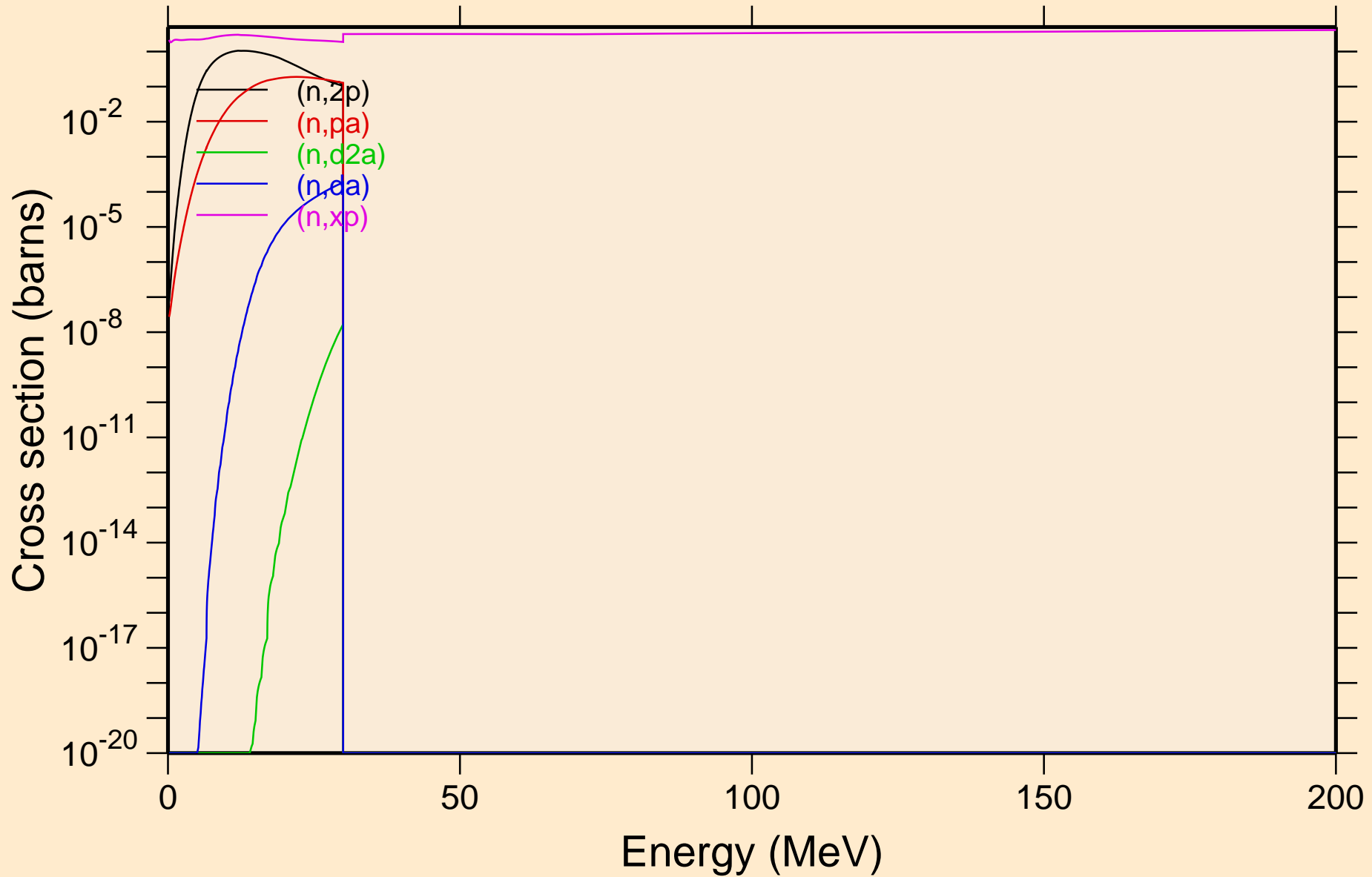


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

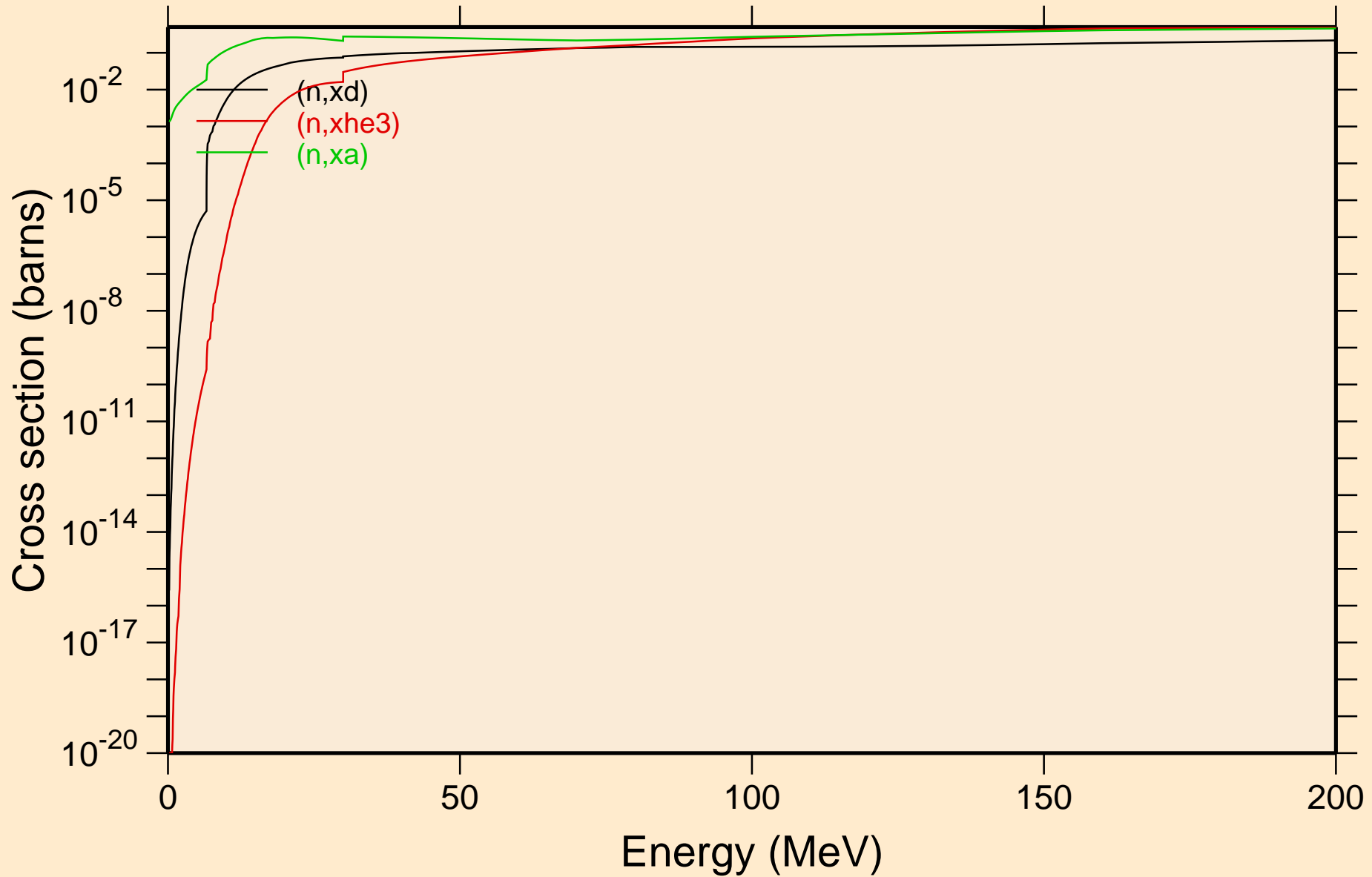


# PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

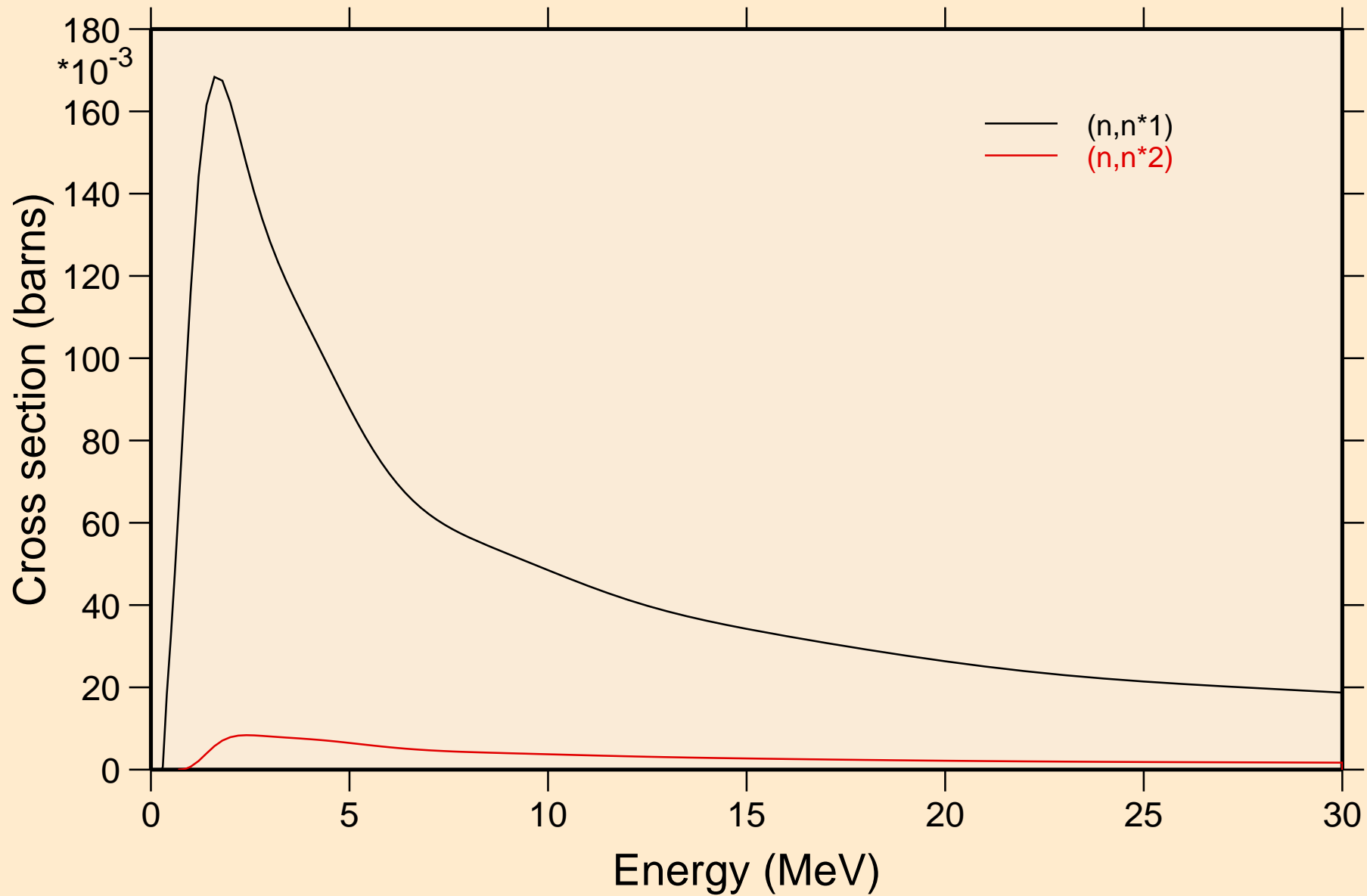
## Non-threshold reactions



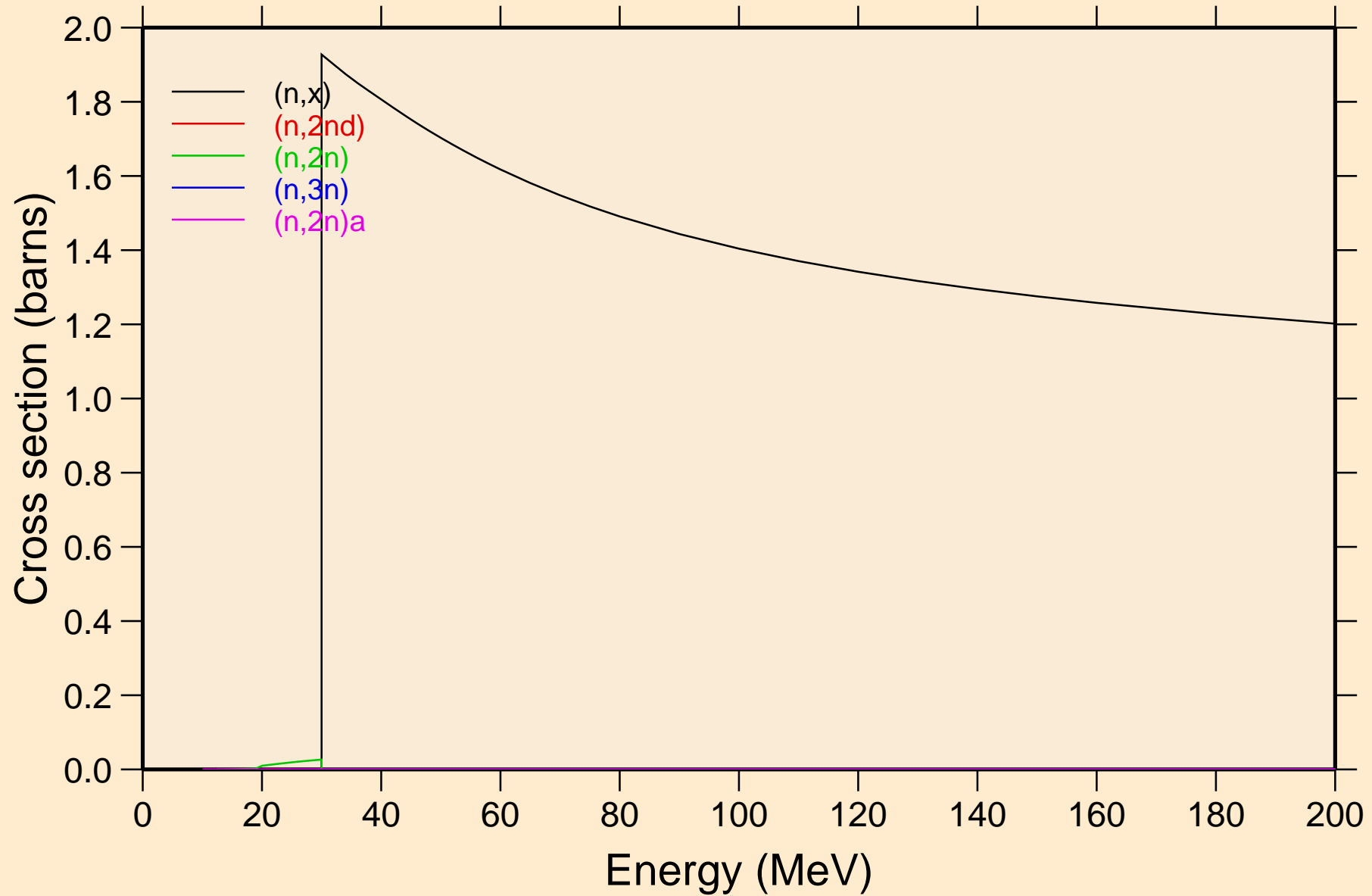
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

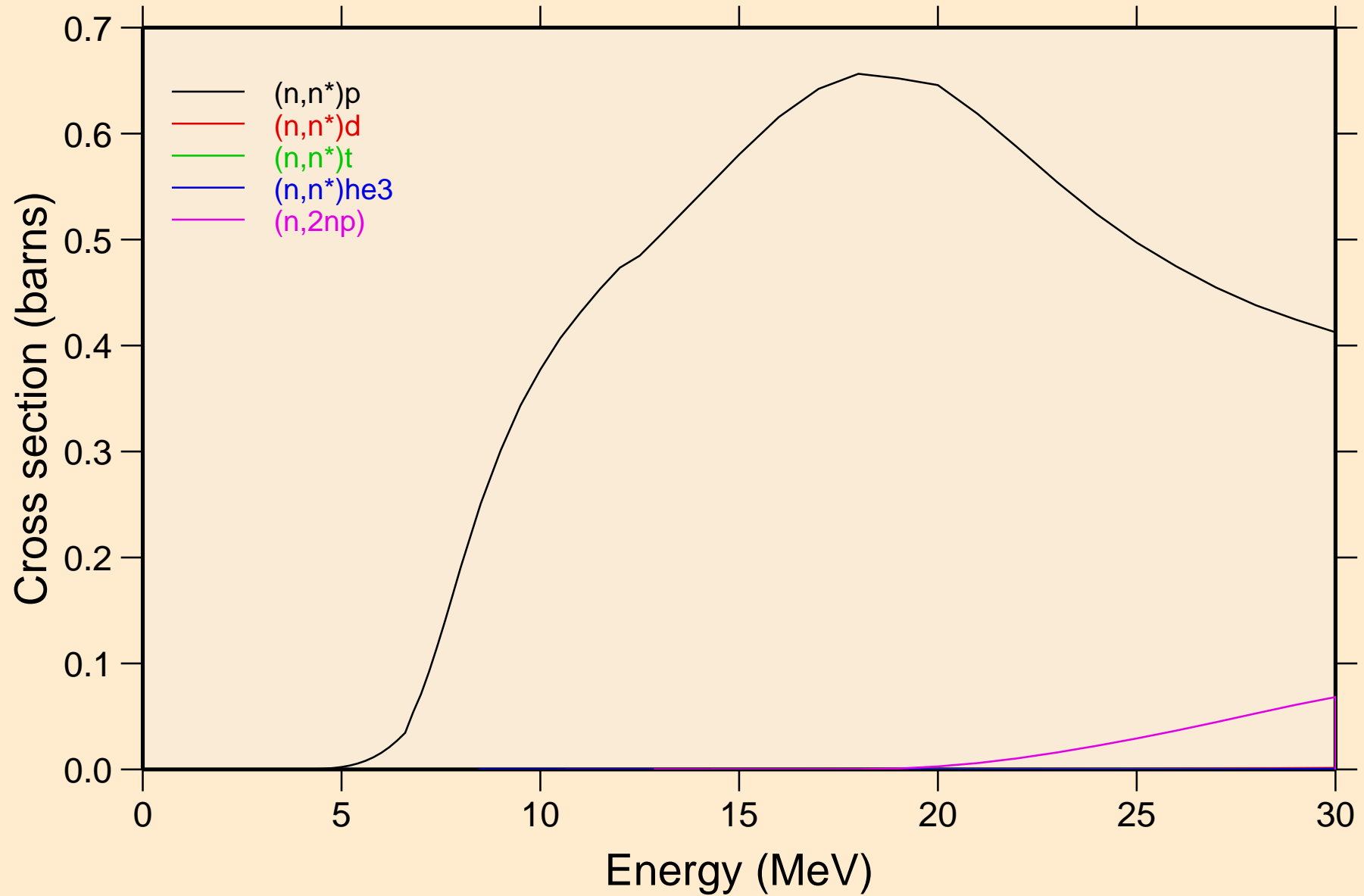


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

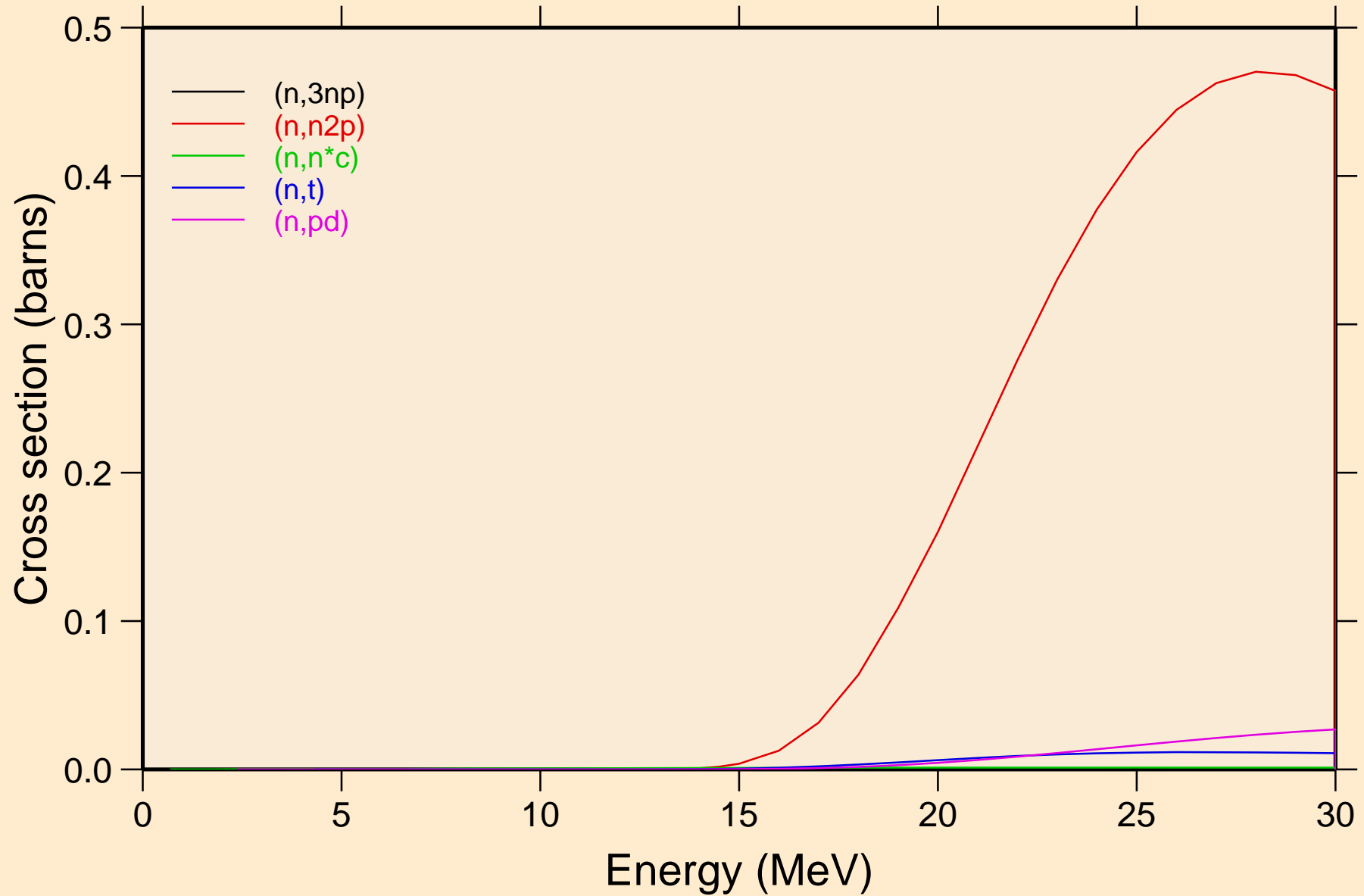




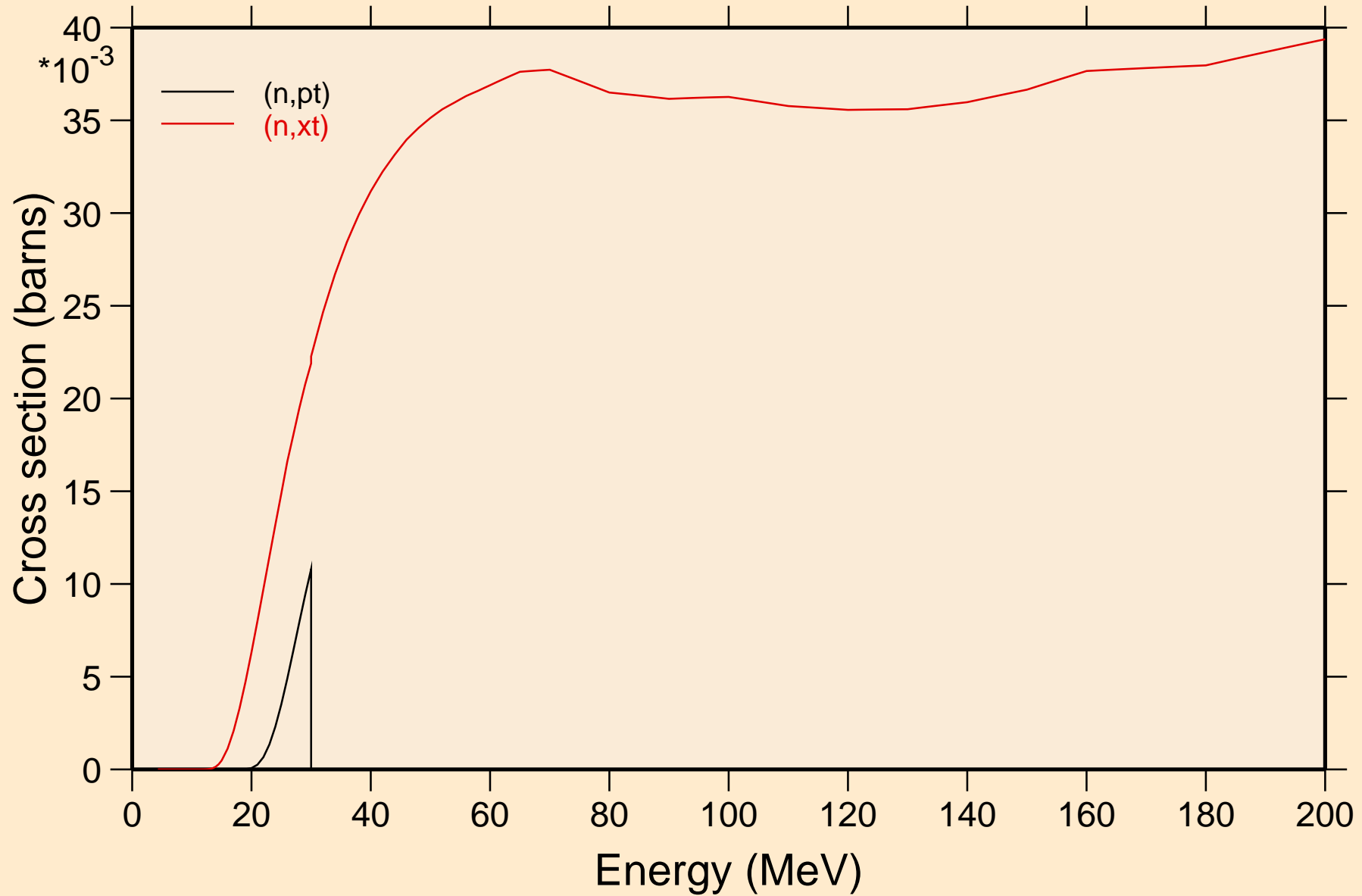
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



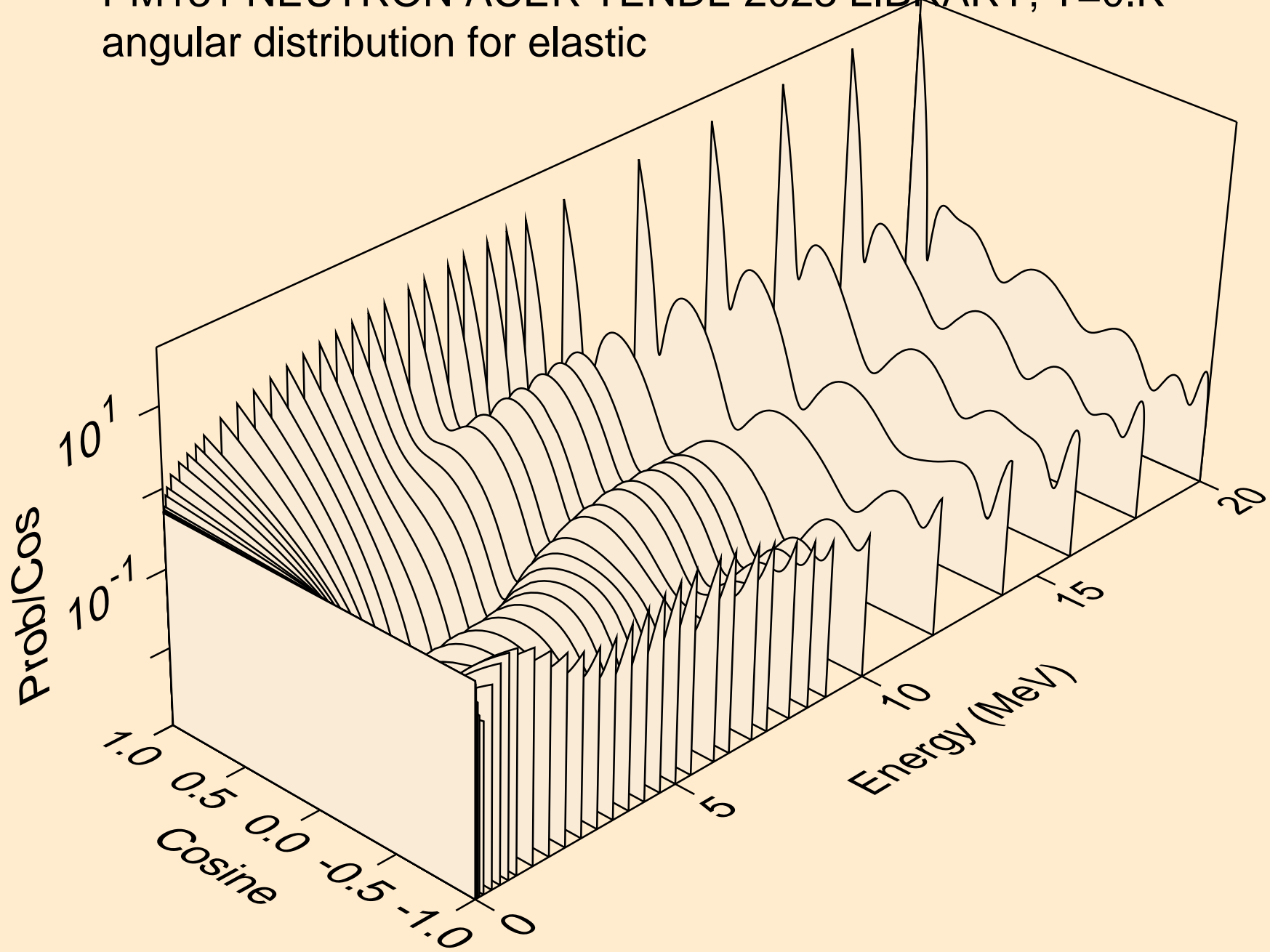
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



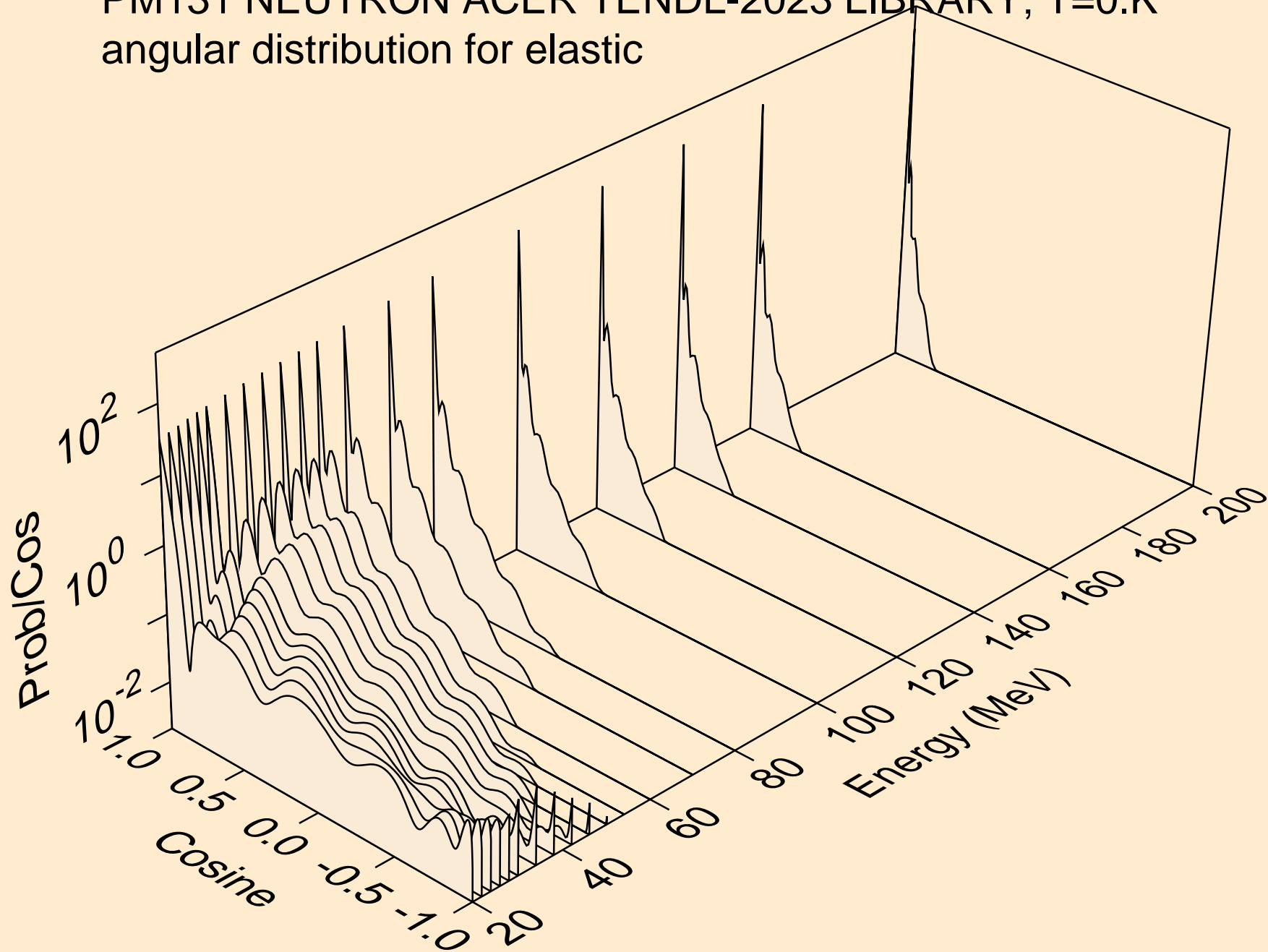
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



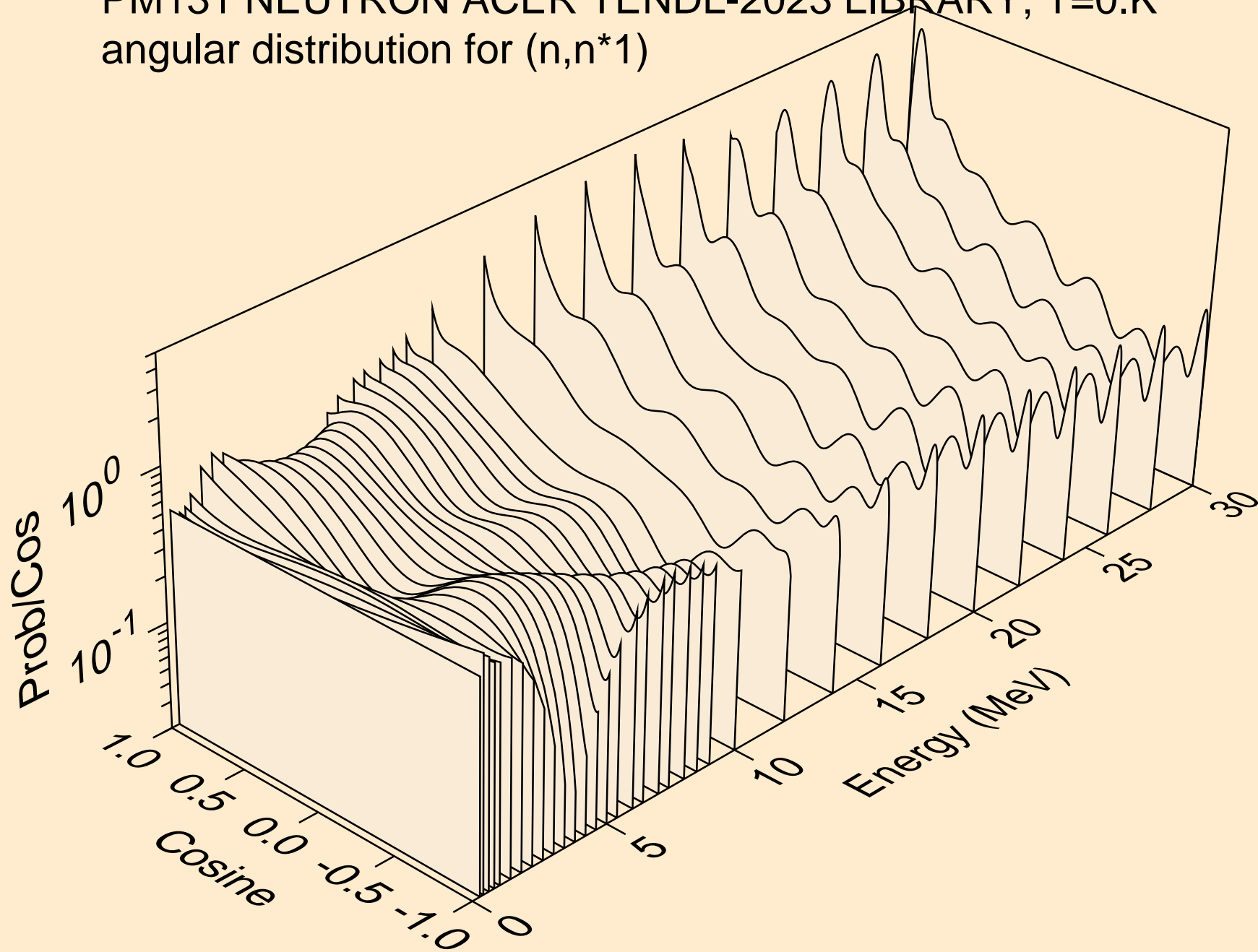
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



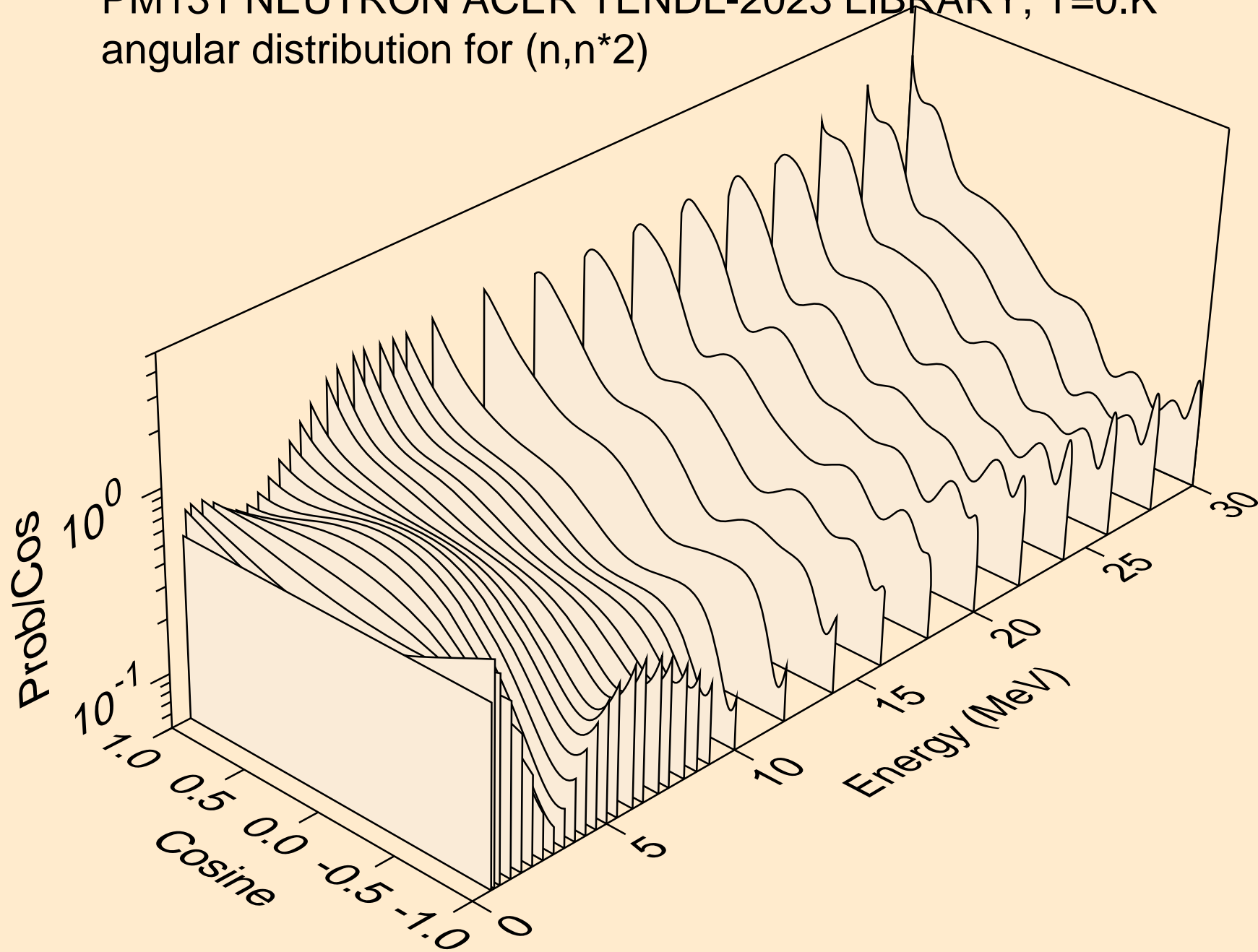
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



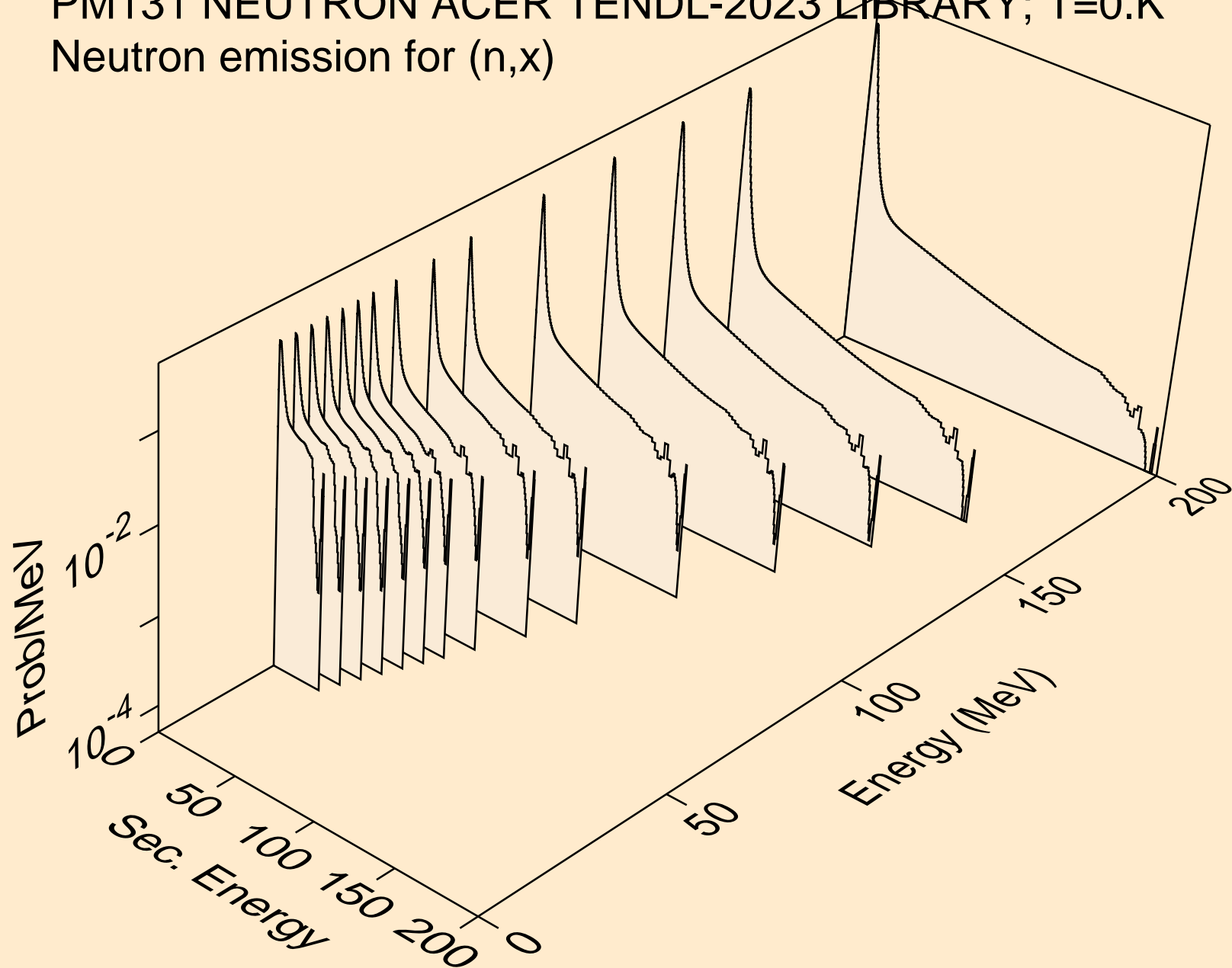
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

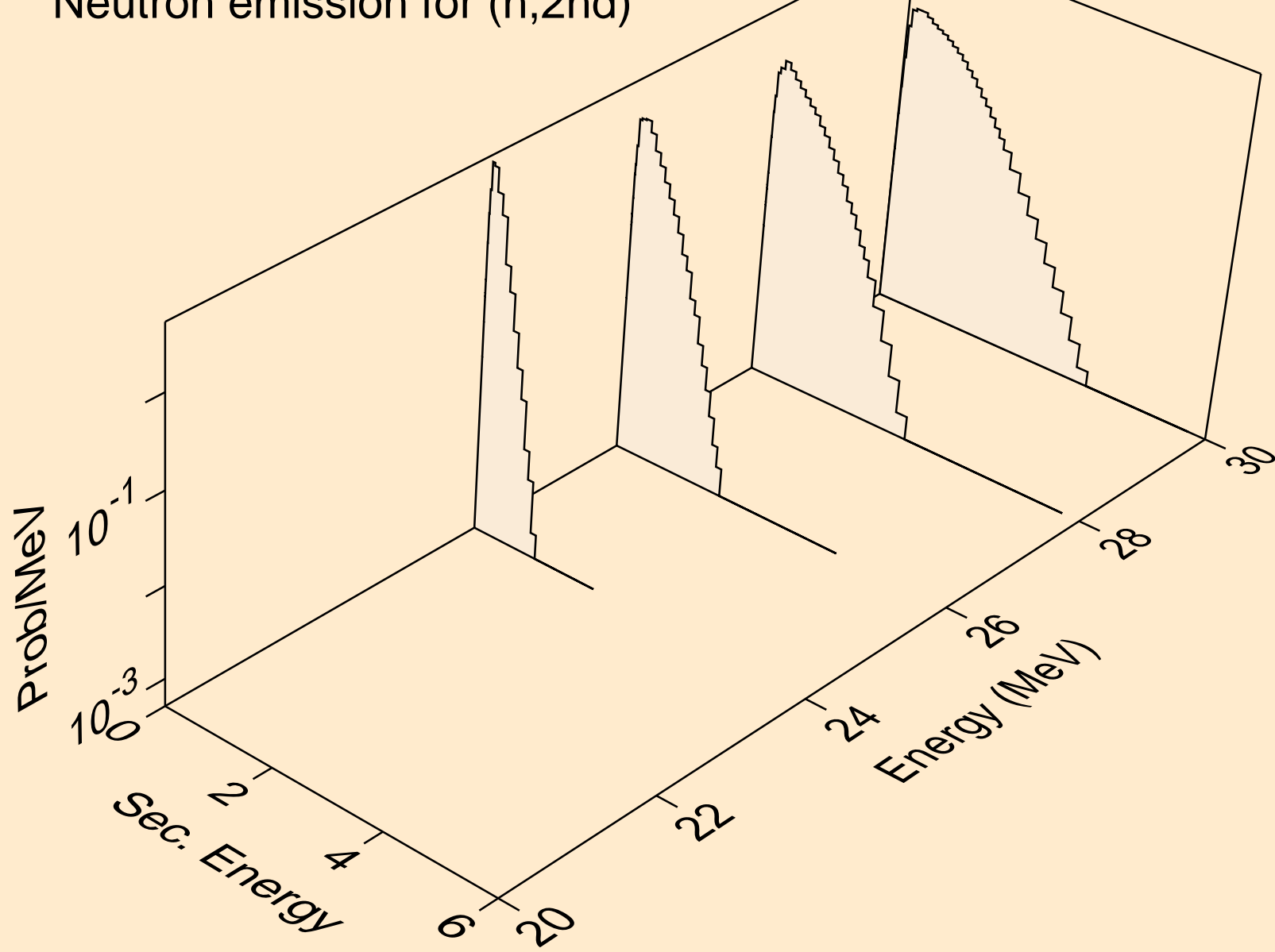


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)

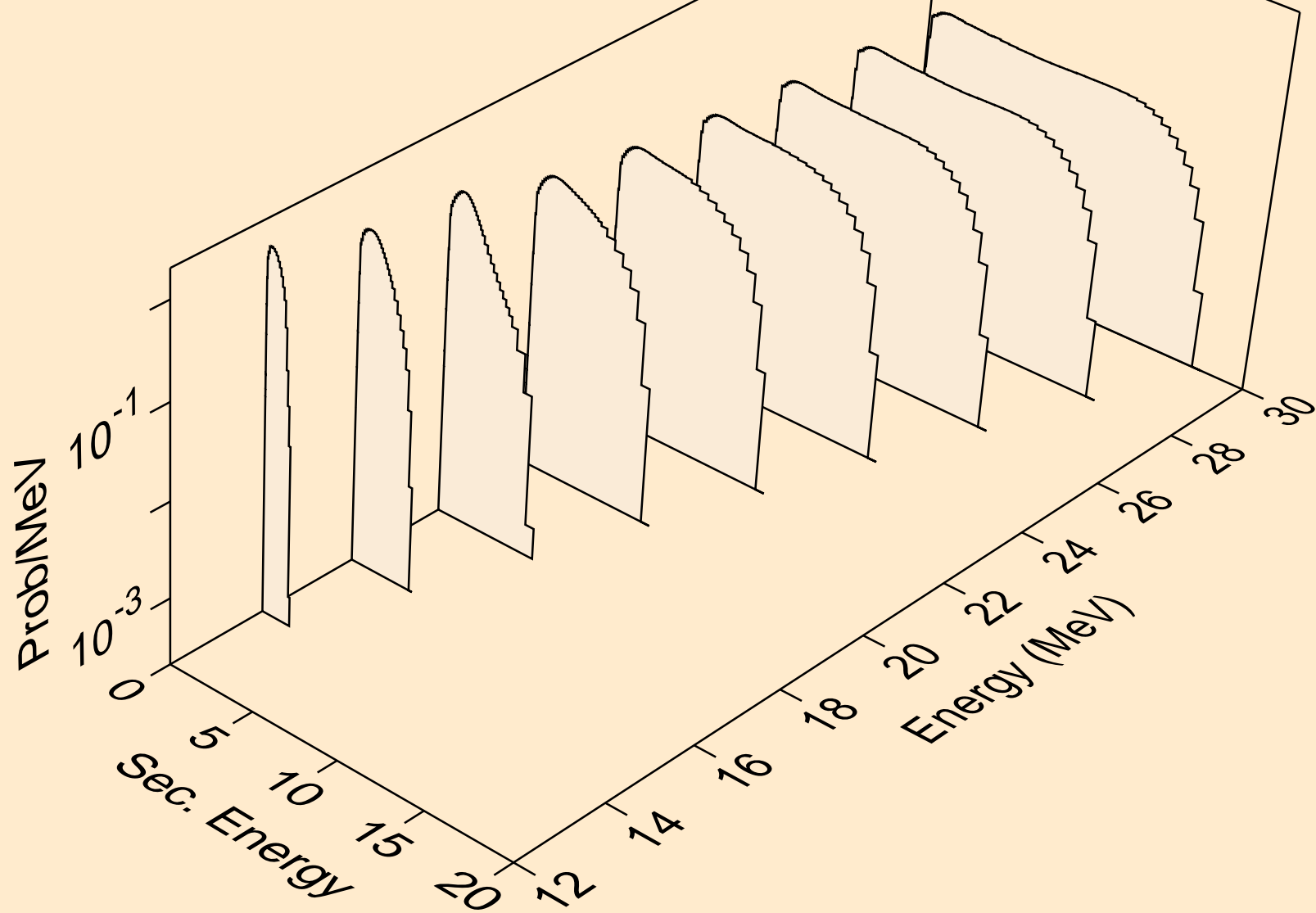




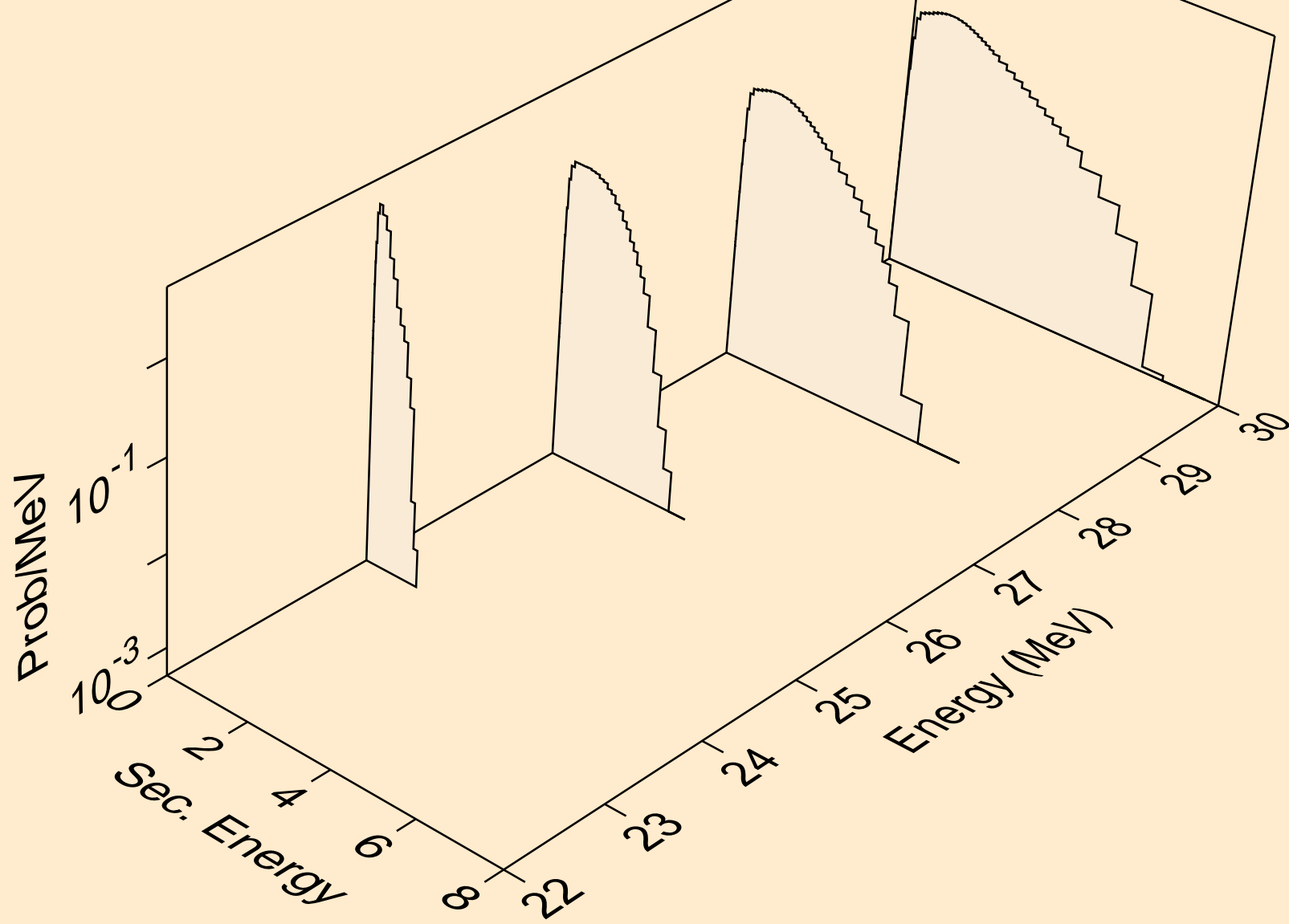
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



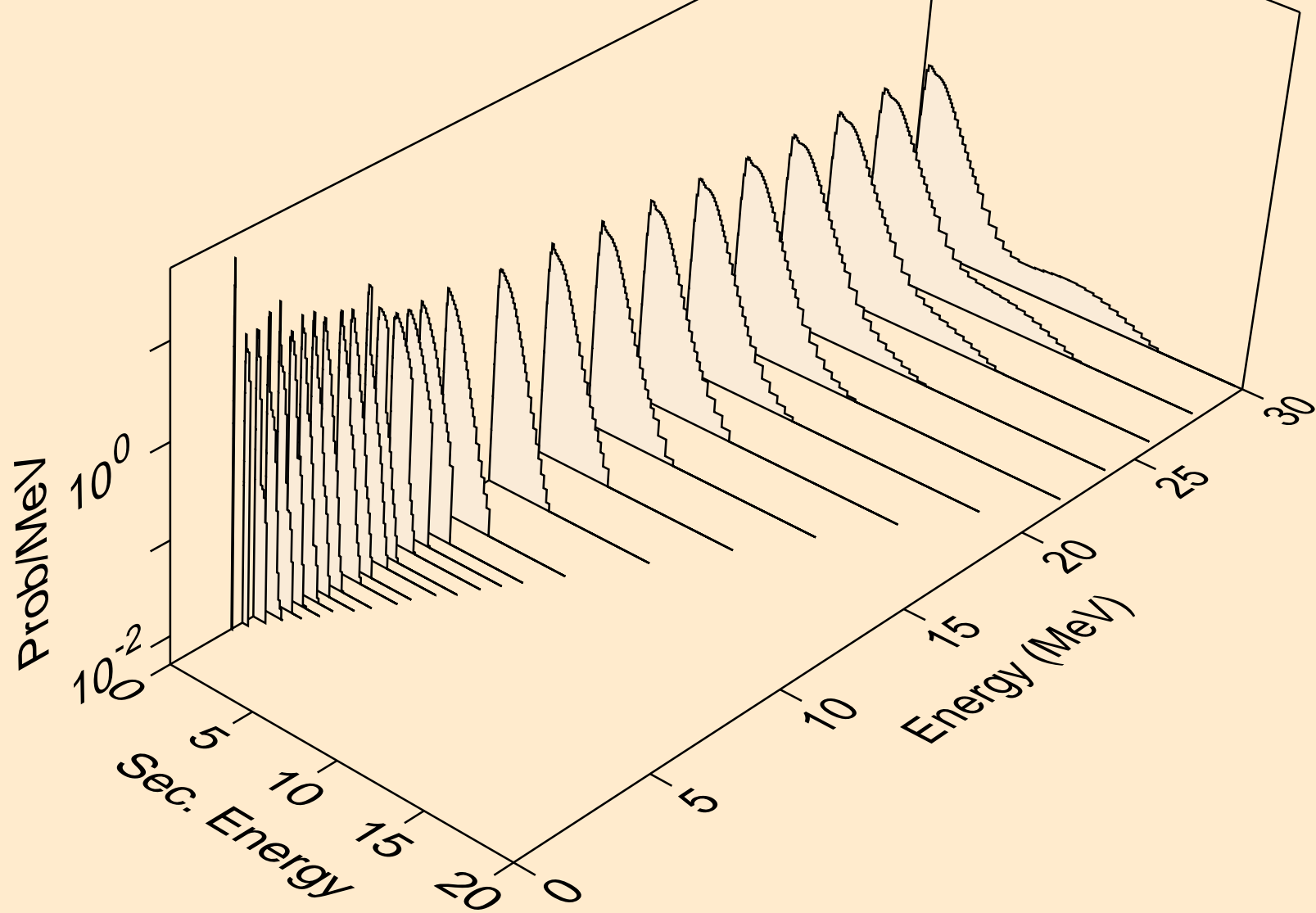
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



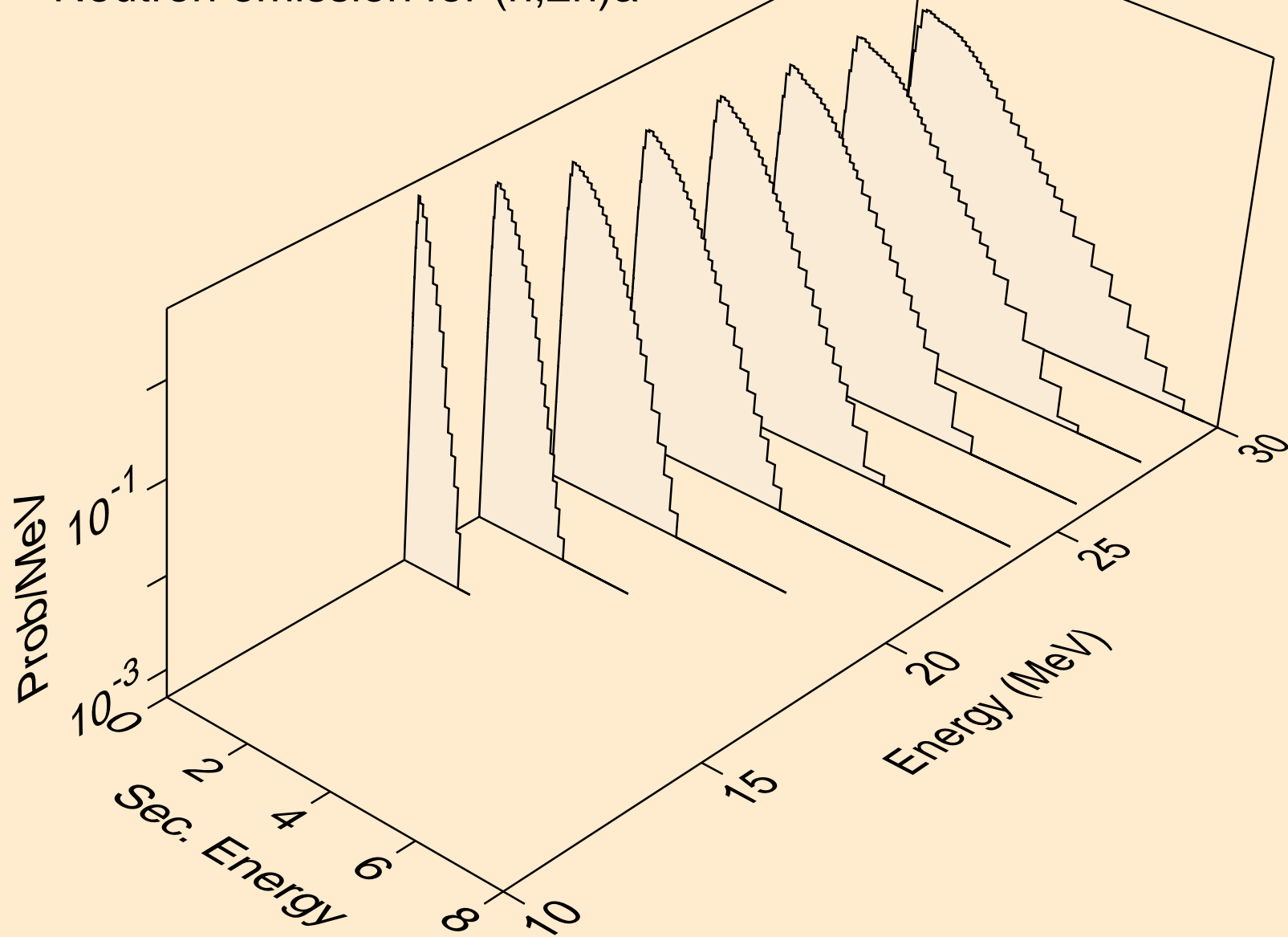
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



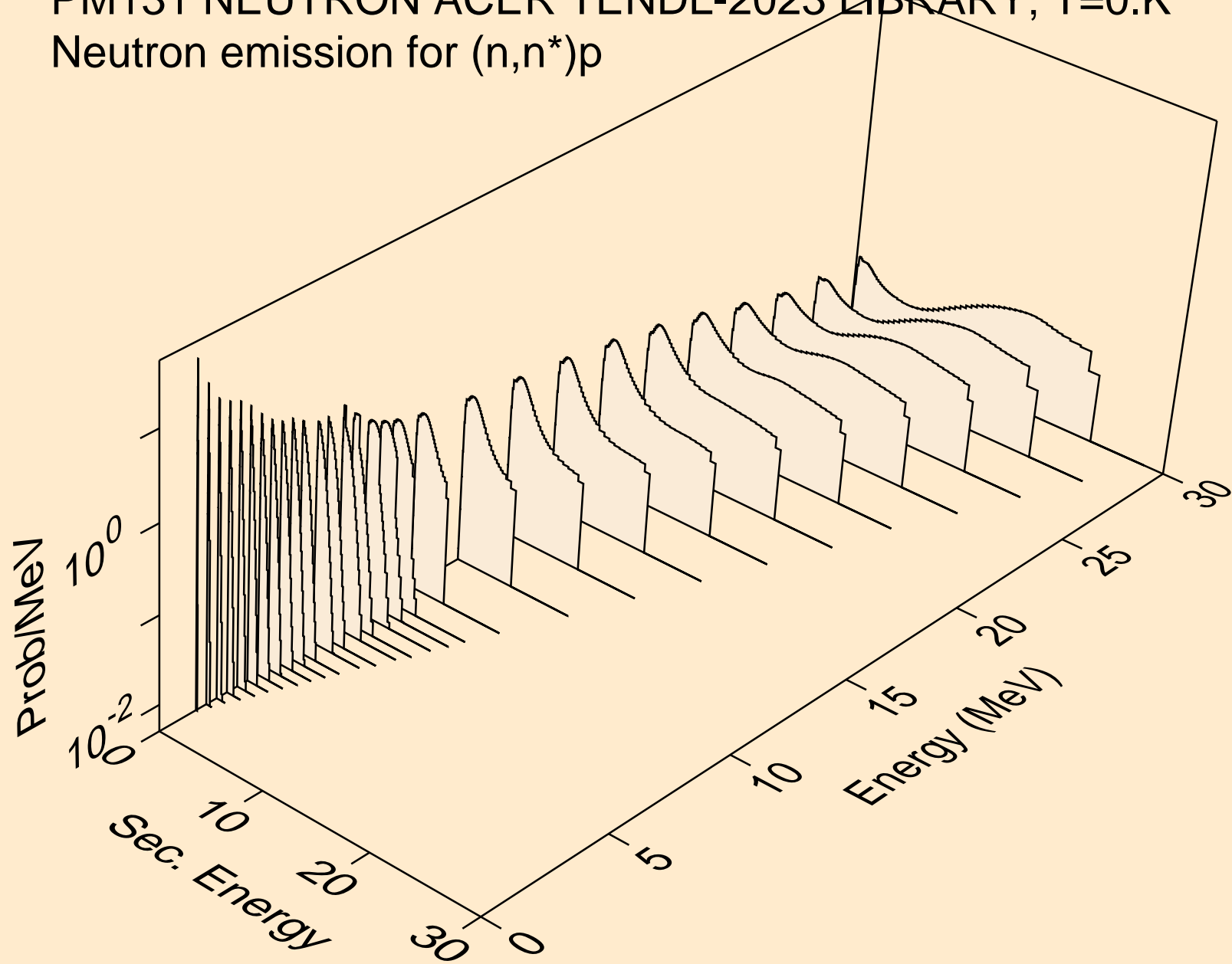
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



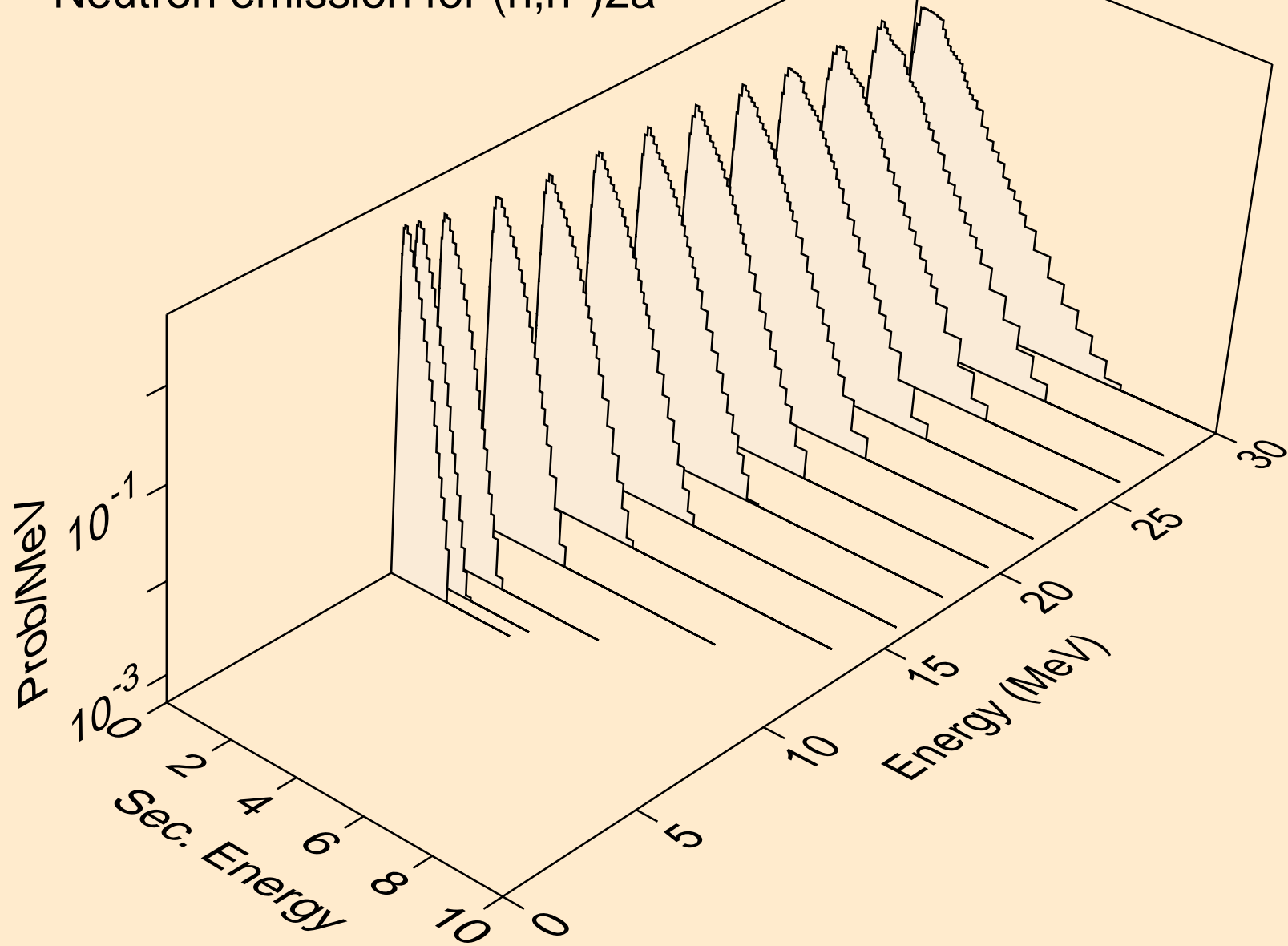
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



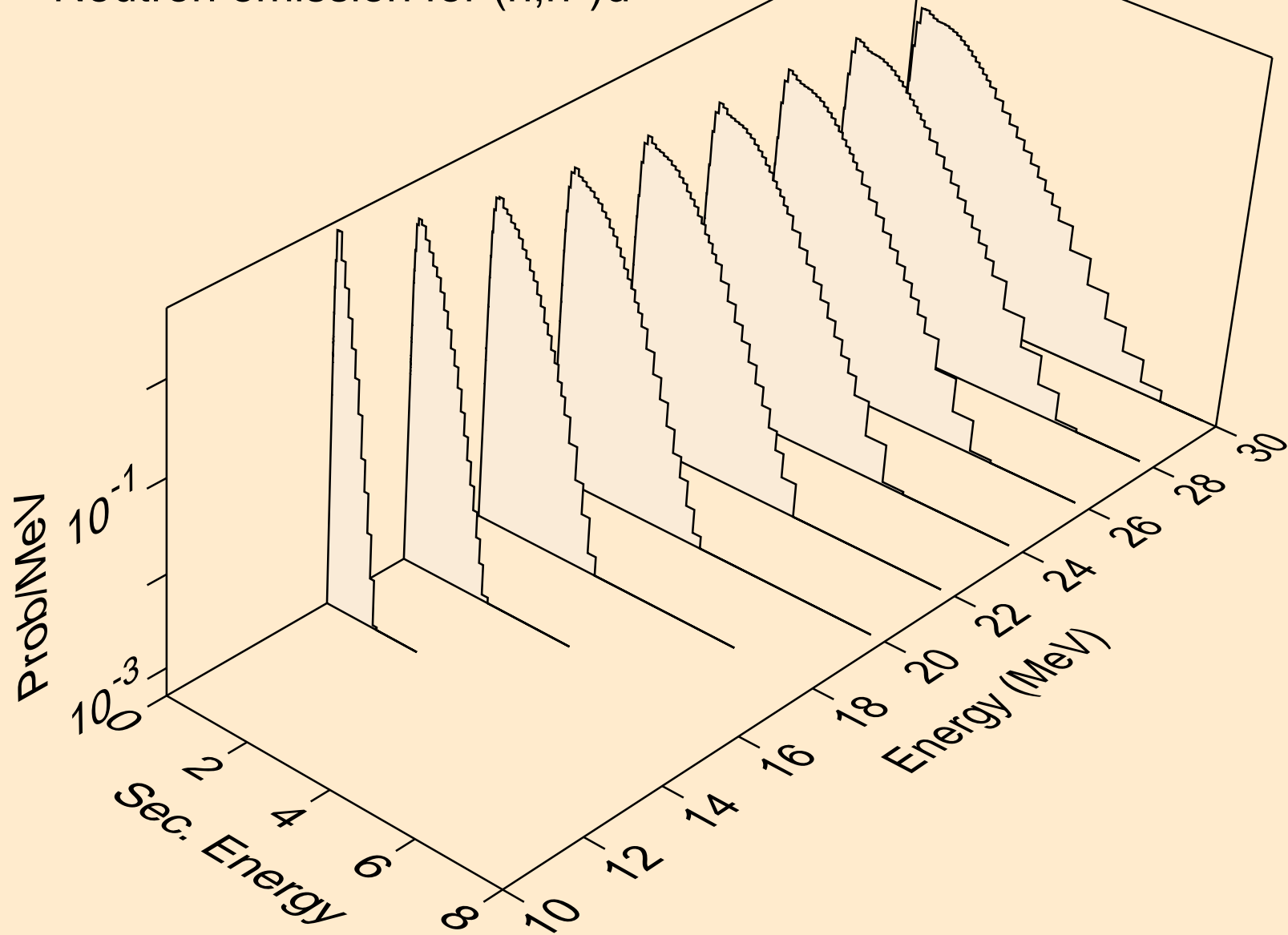
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

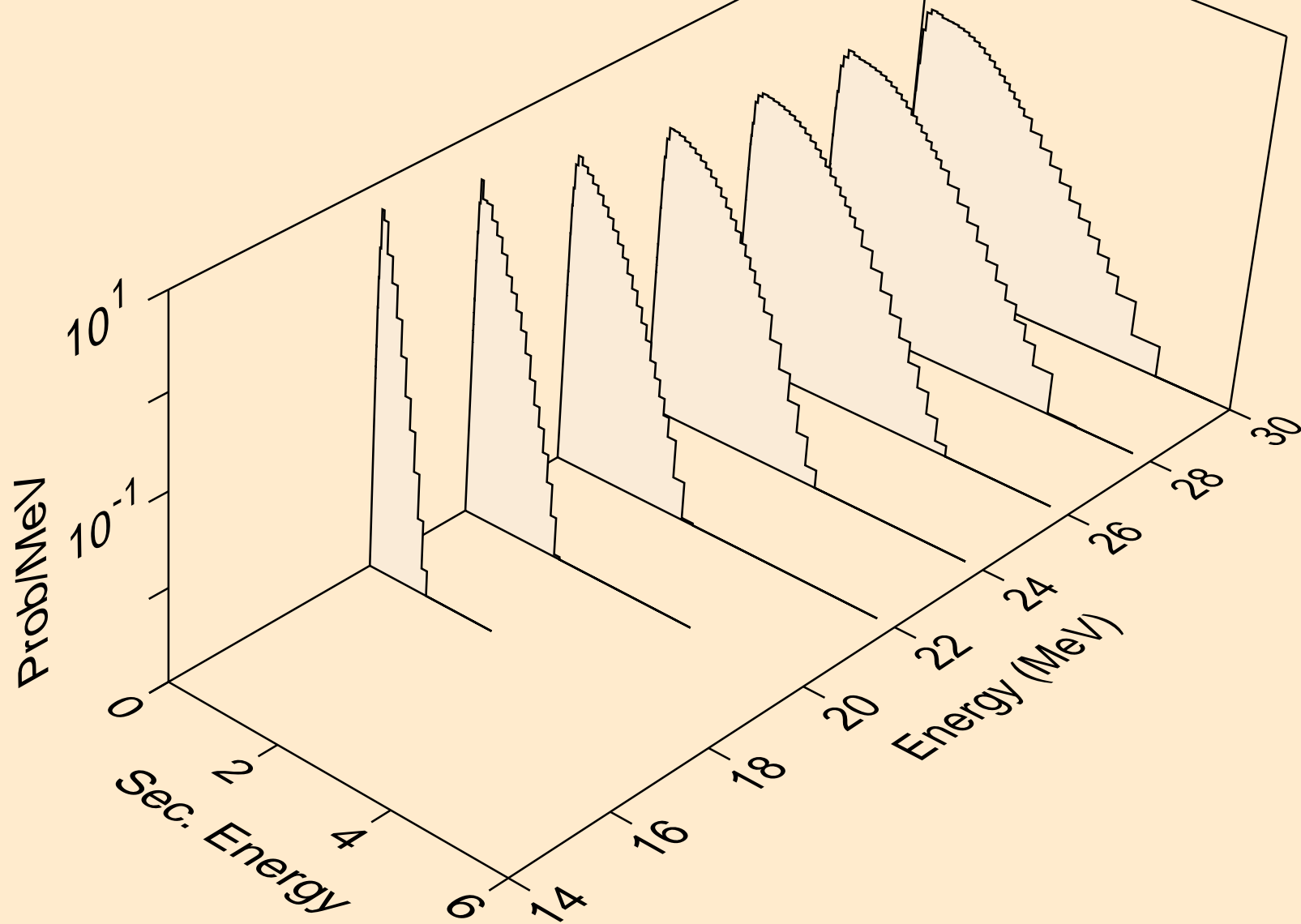


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

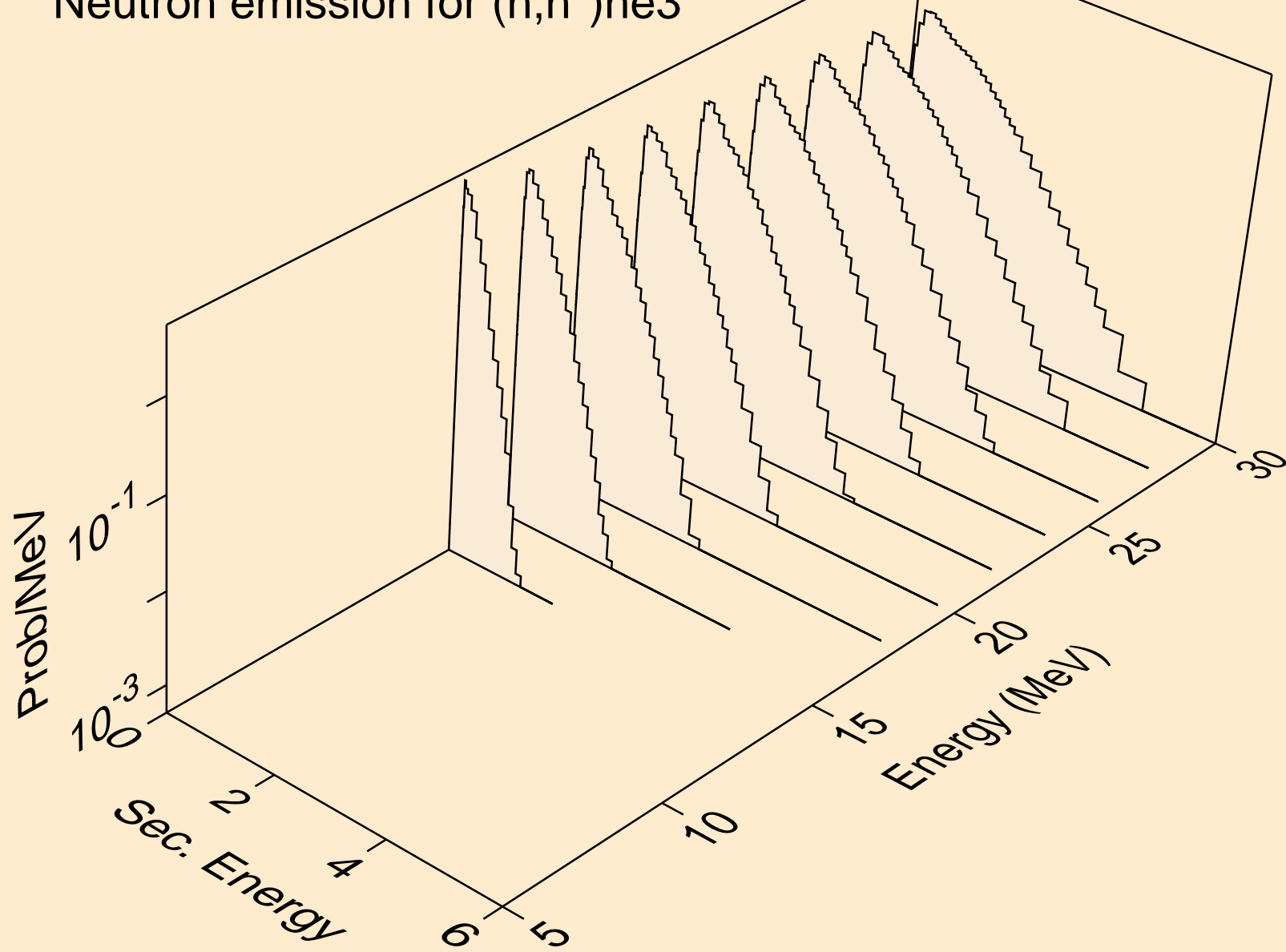




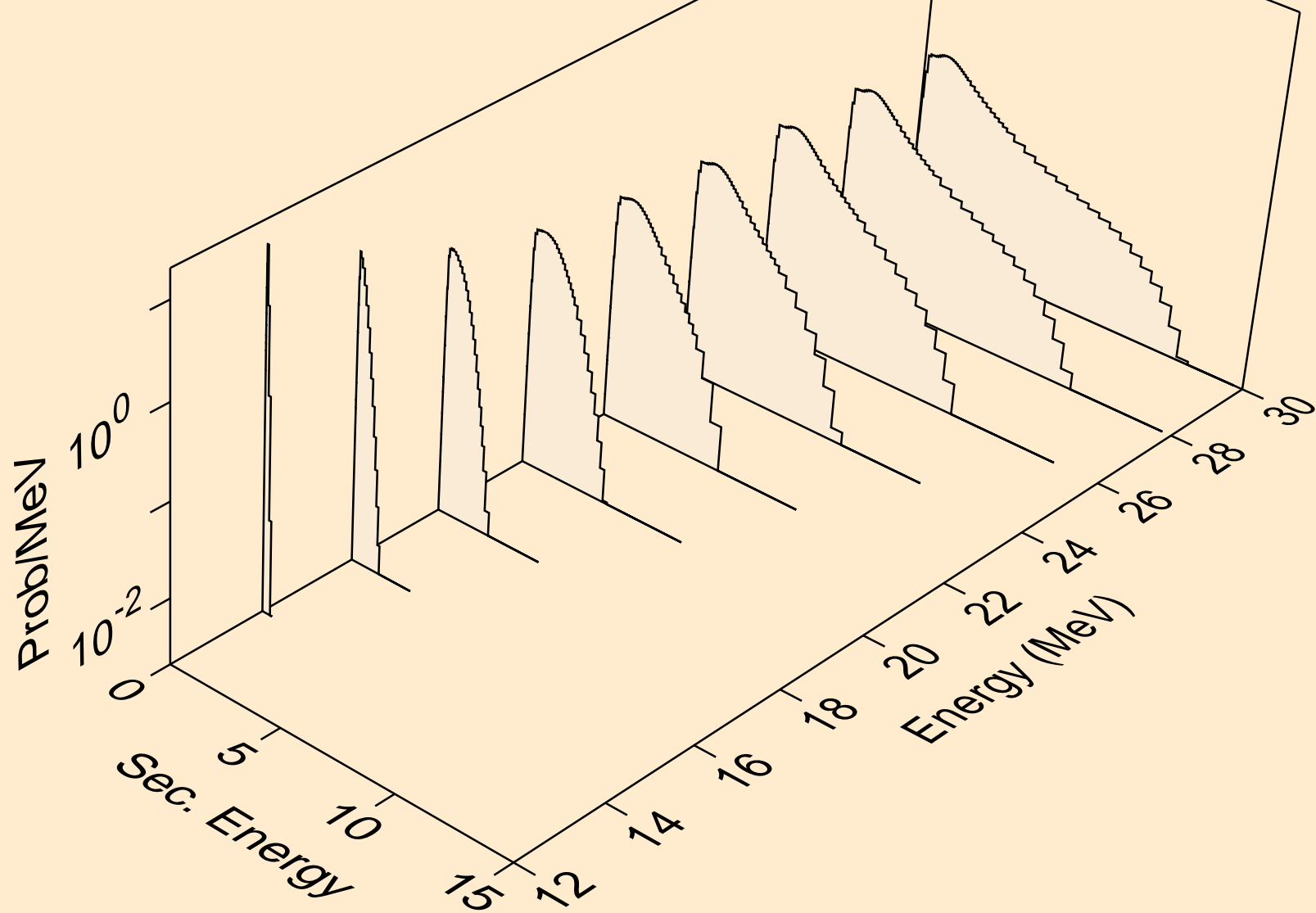
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



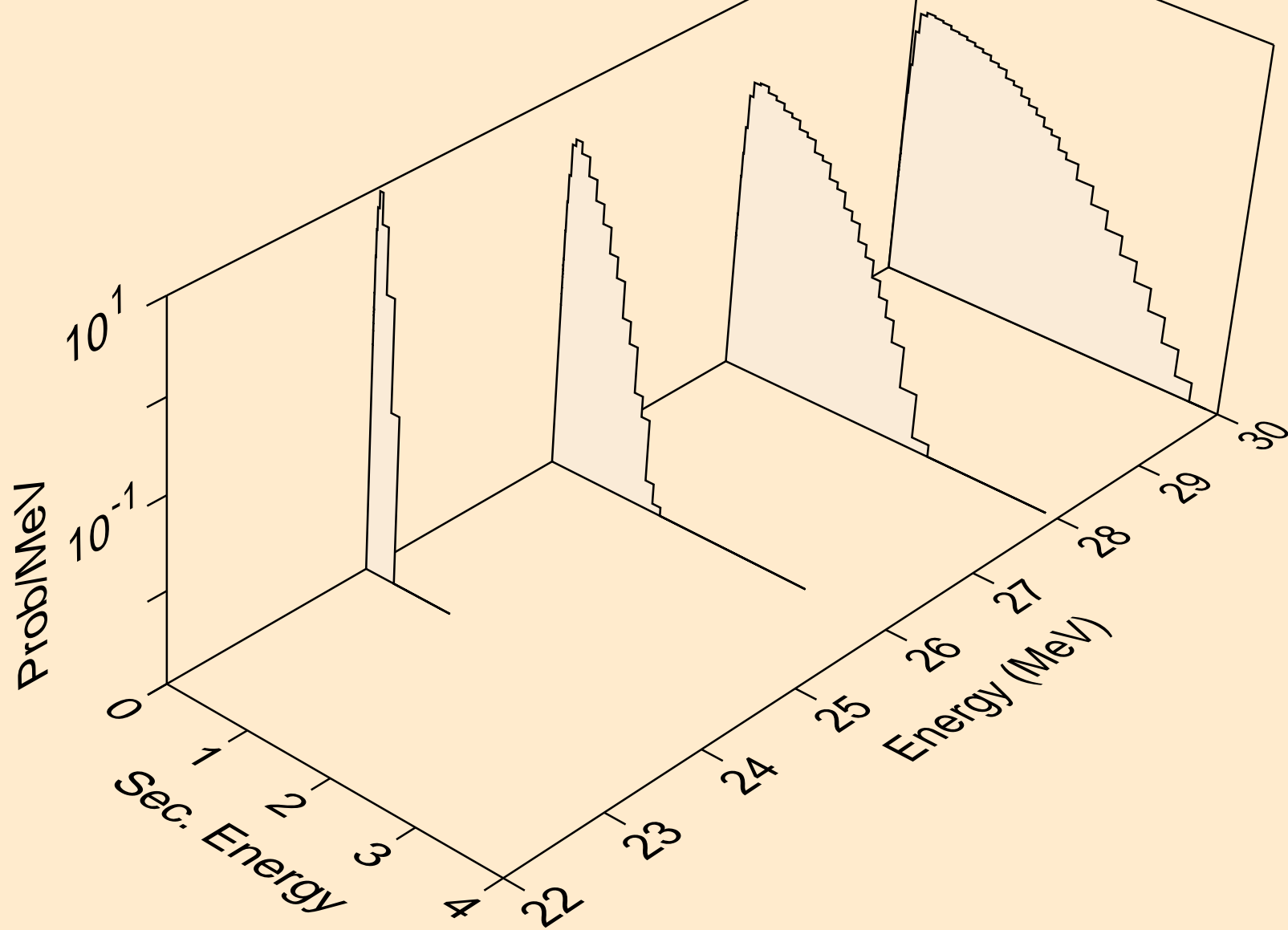
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



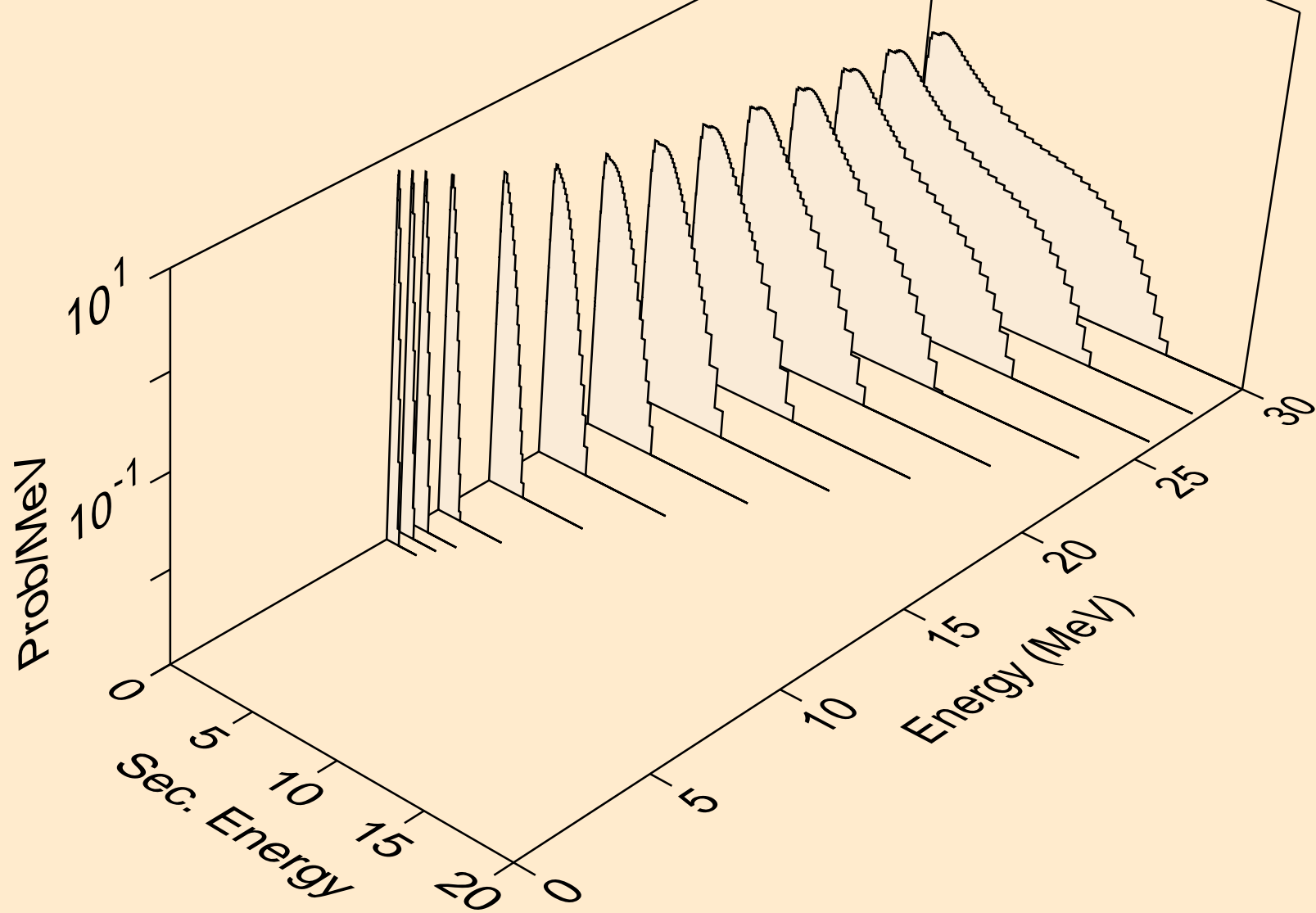
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



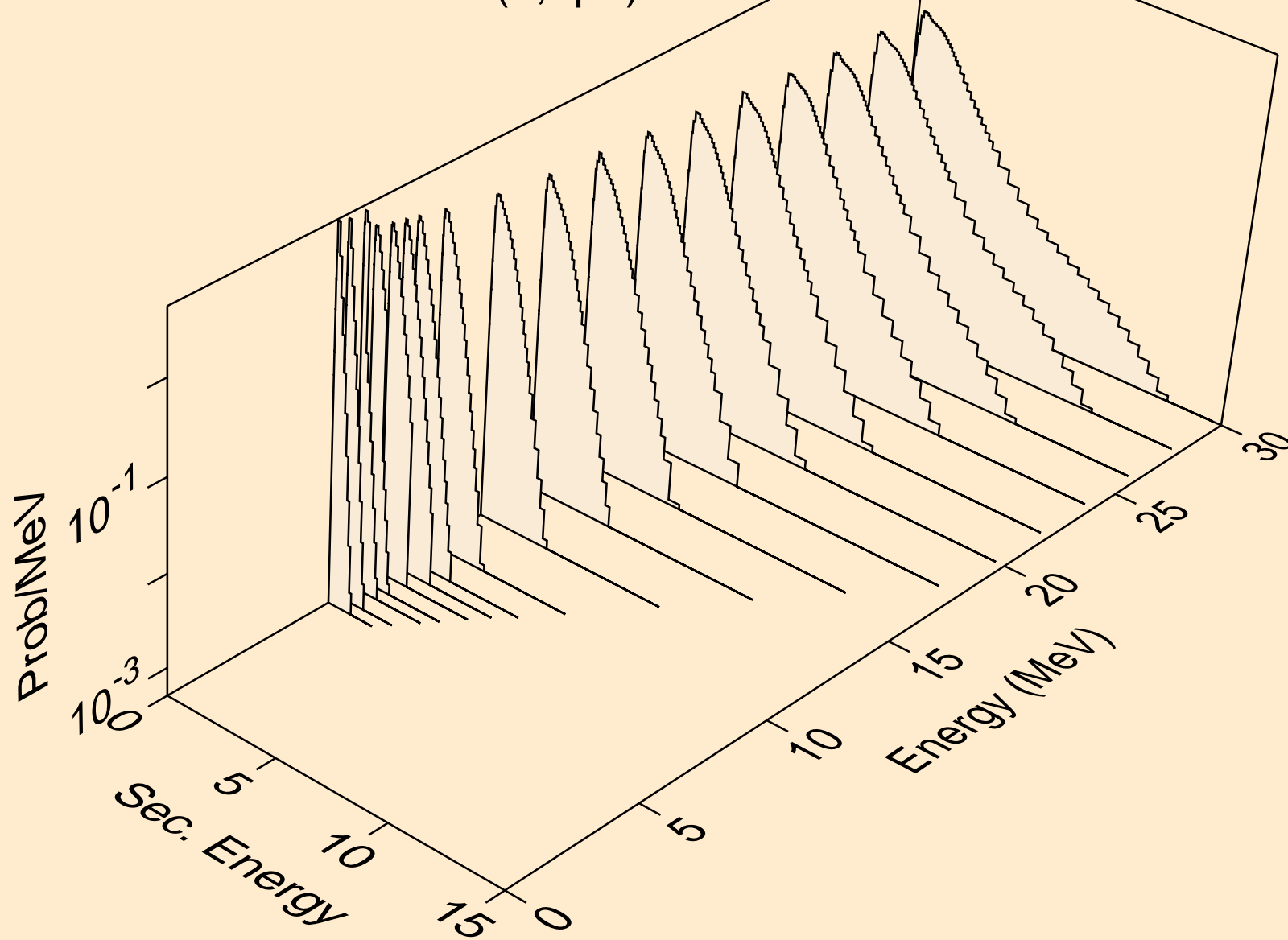
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



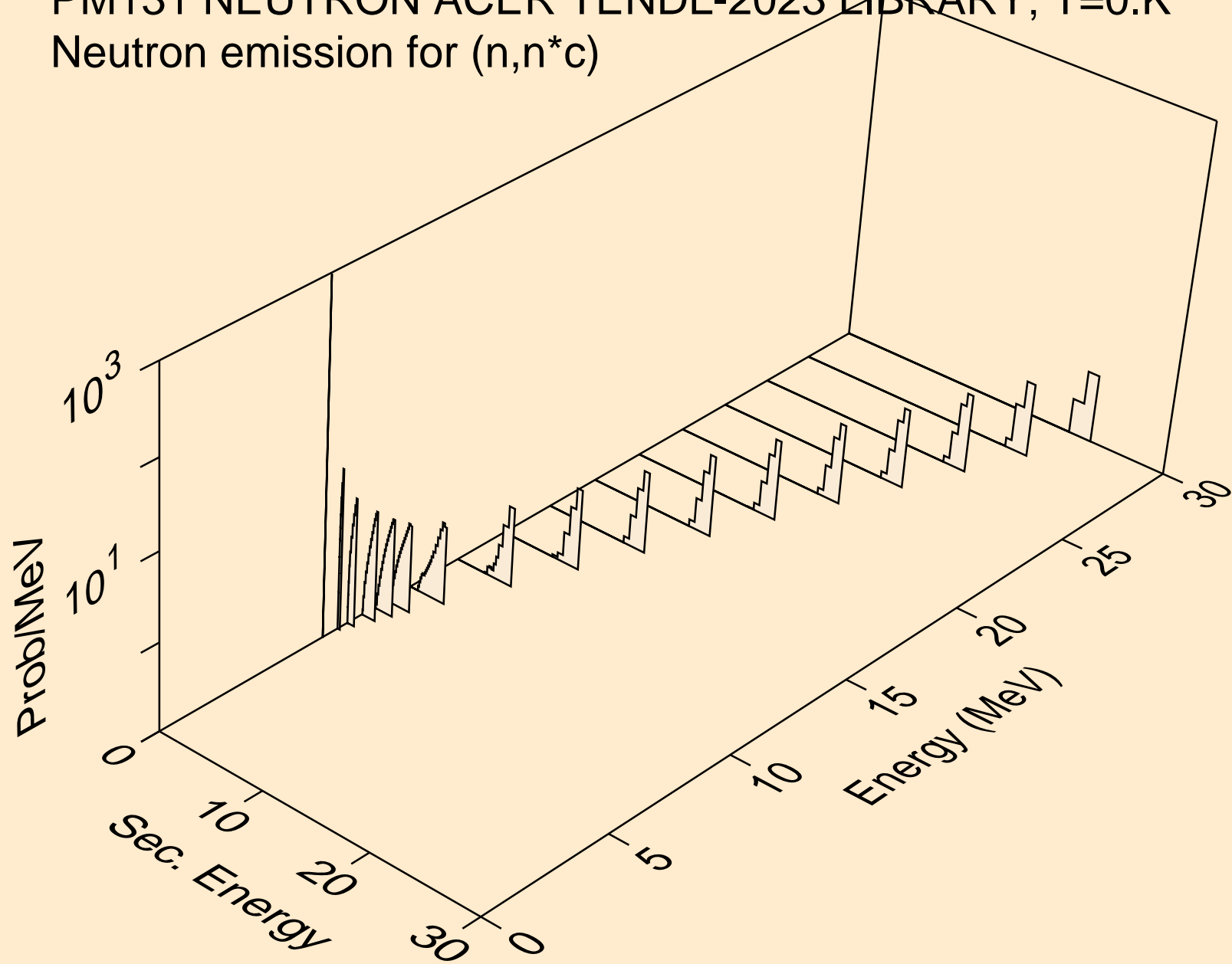
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



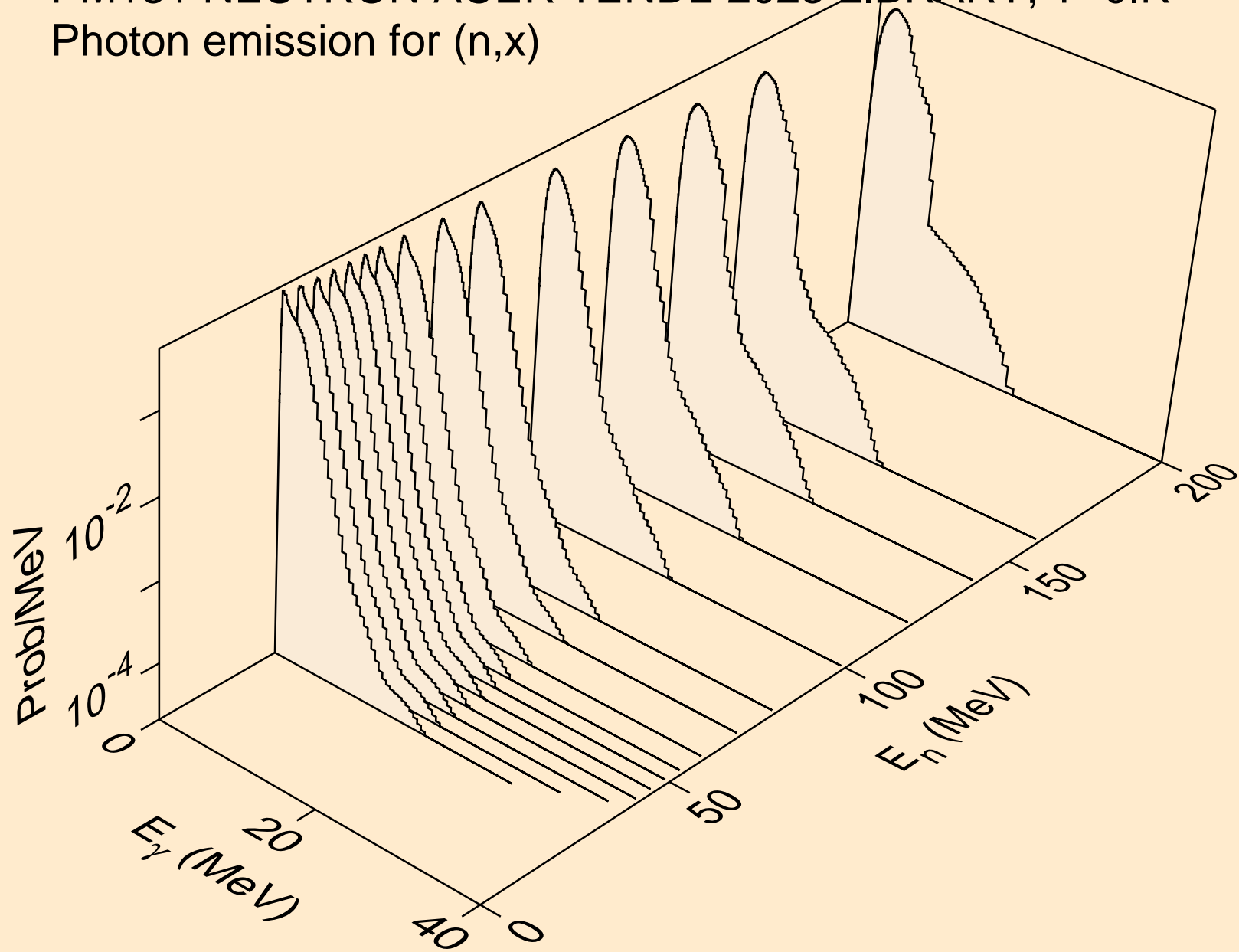
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

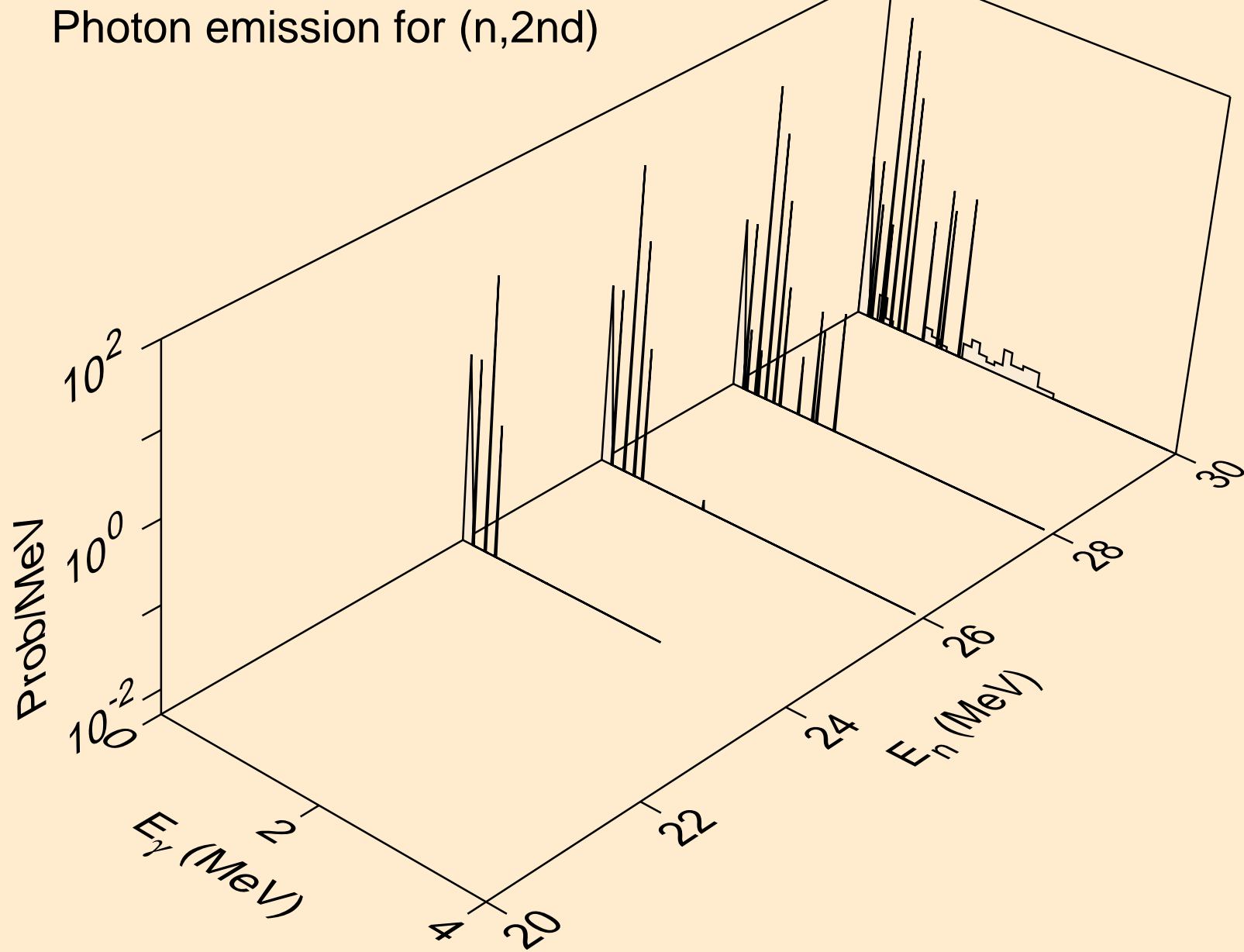


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

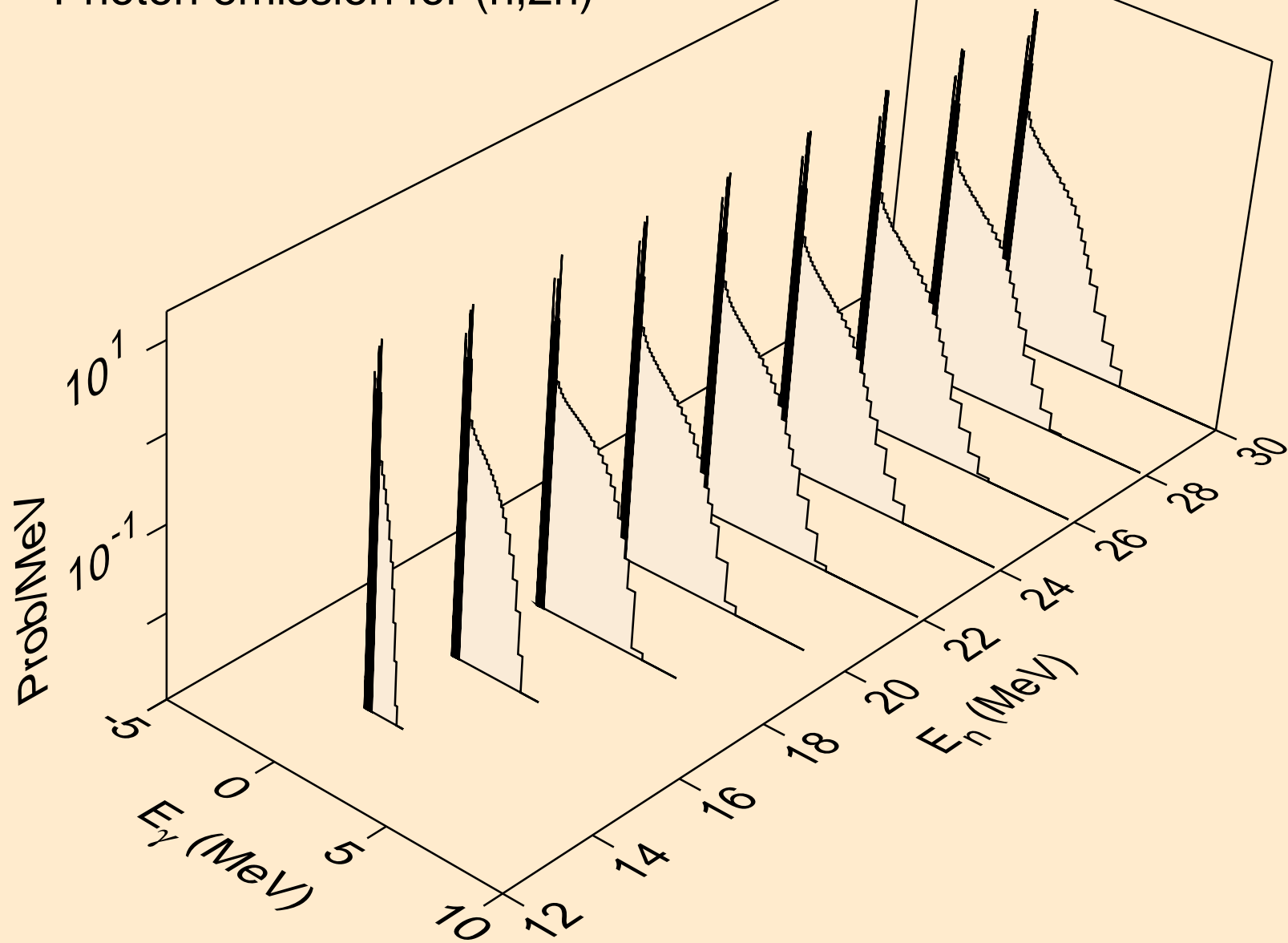




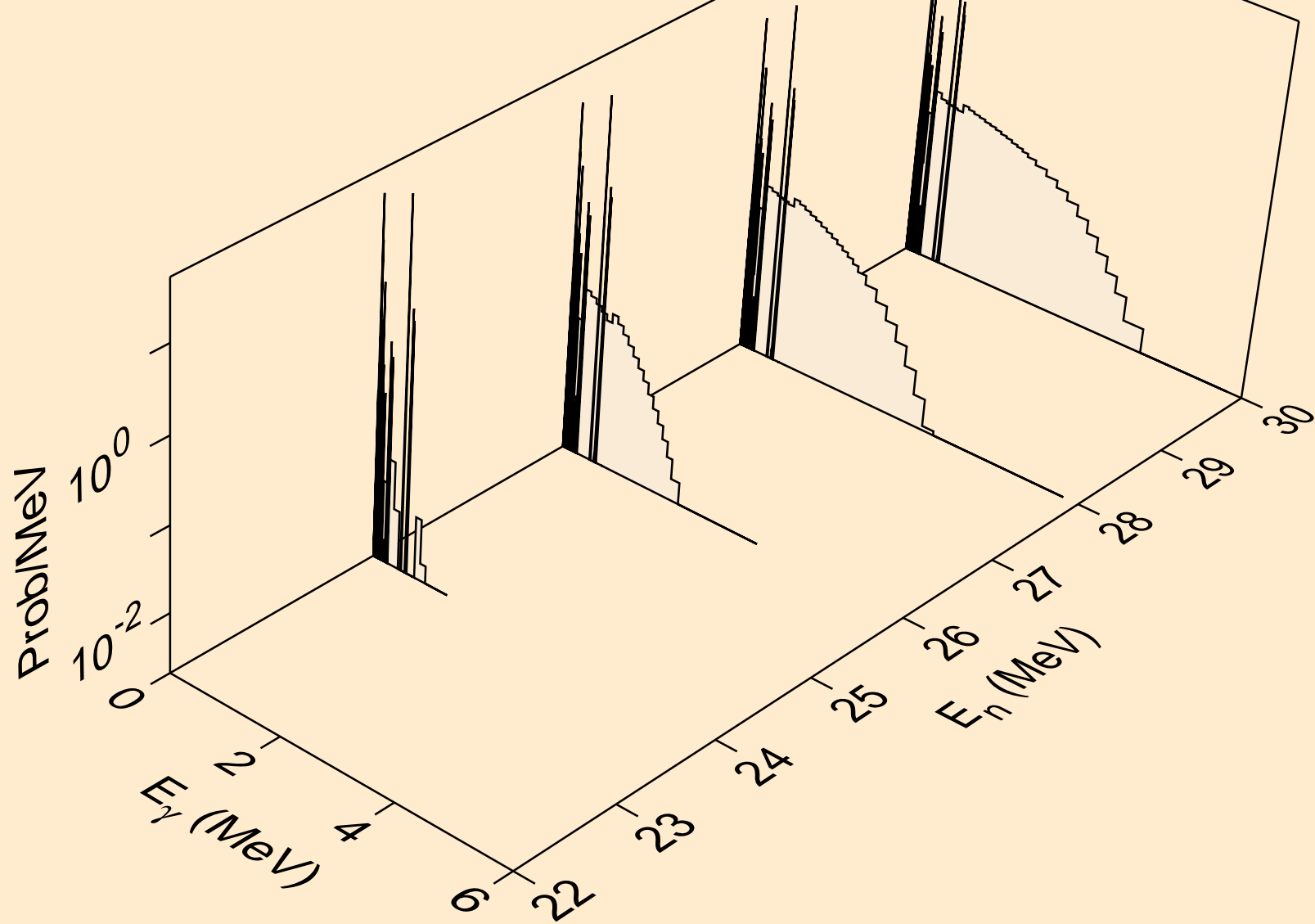
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



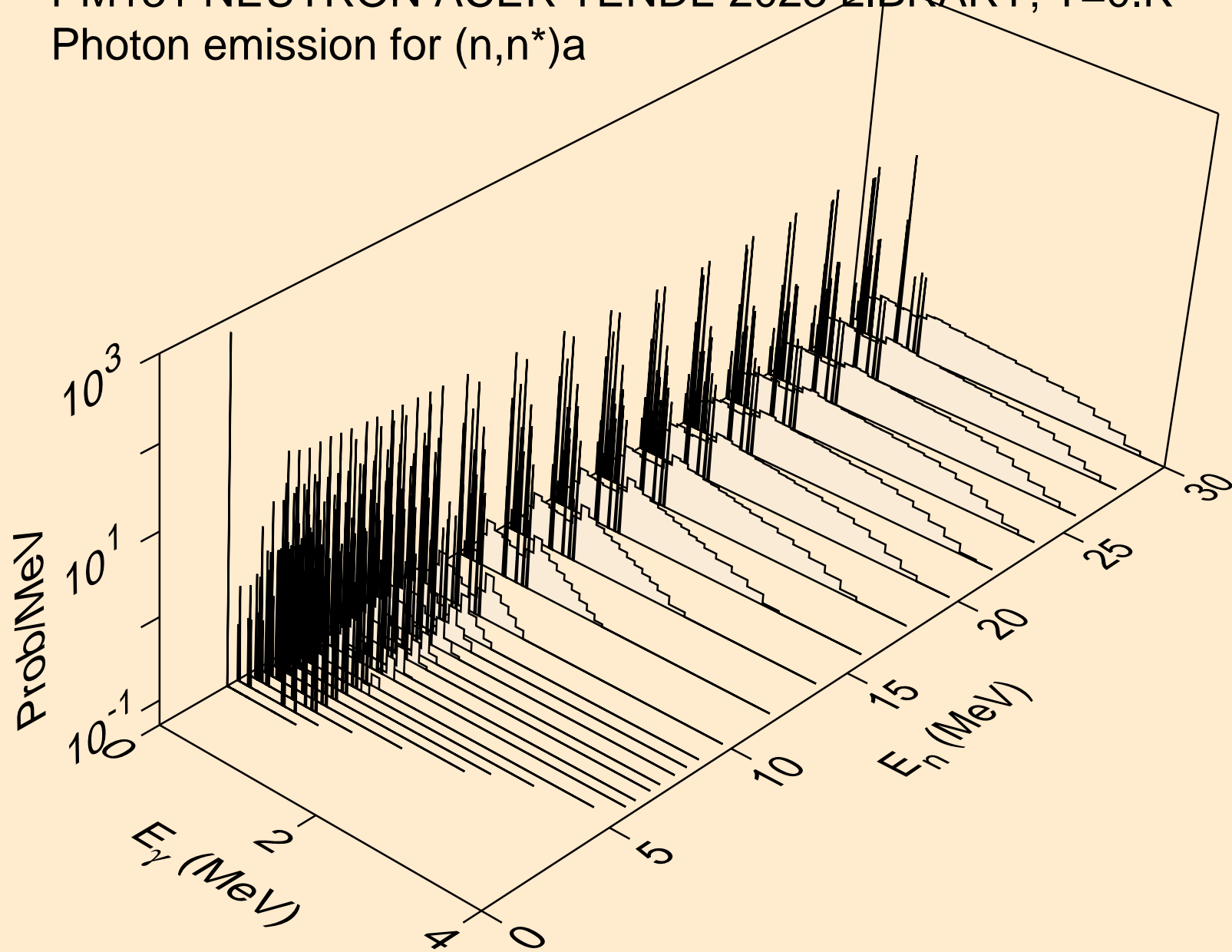
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



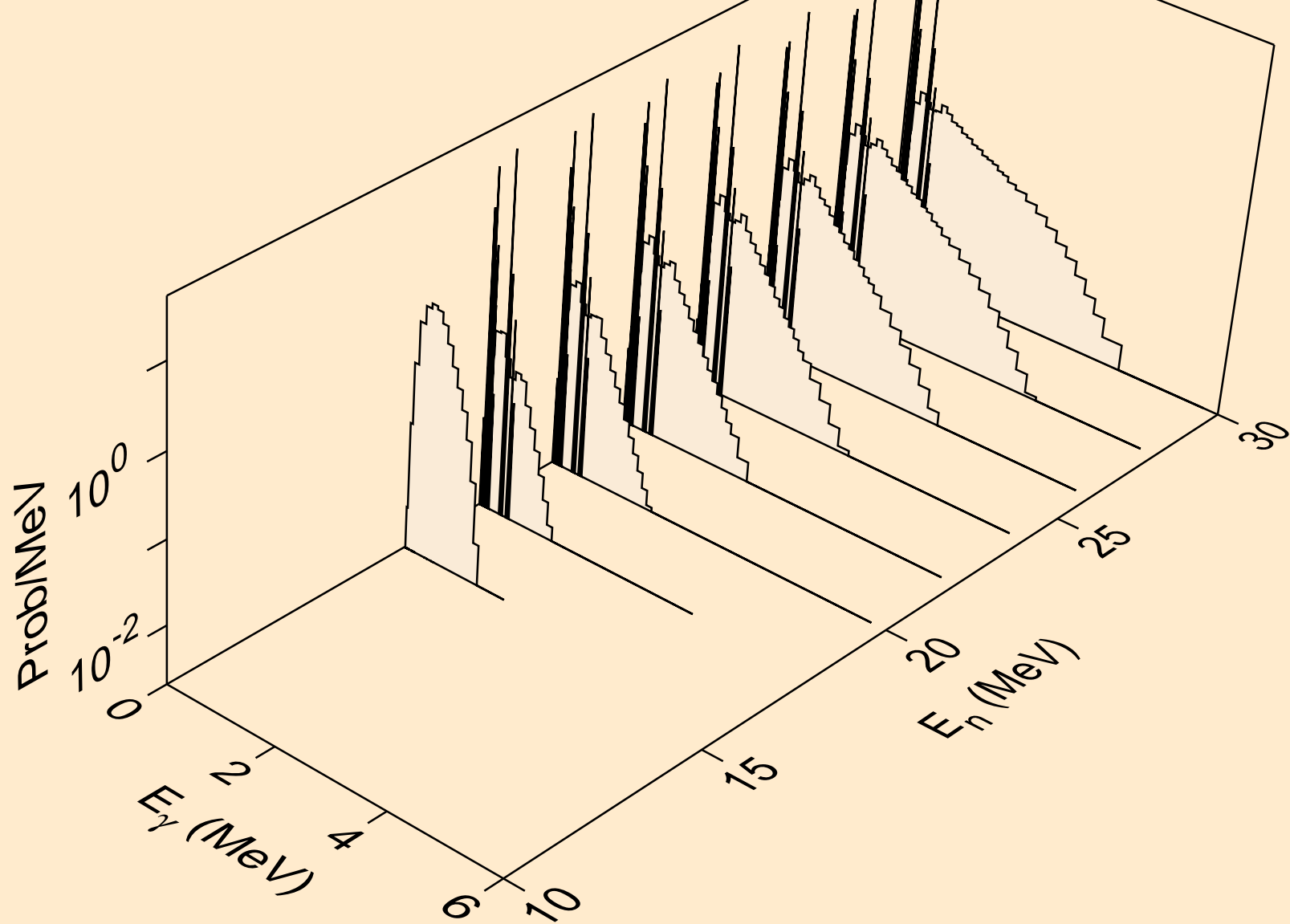
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



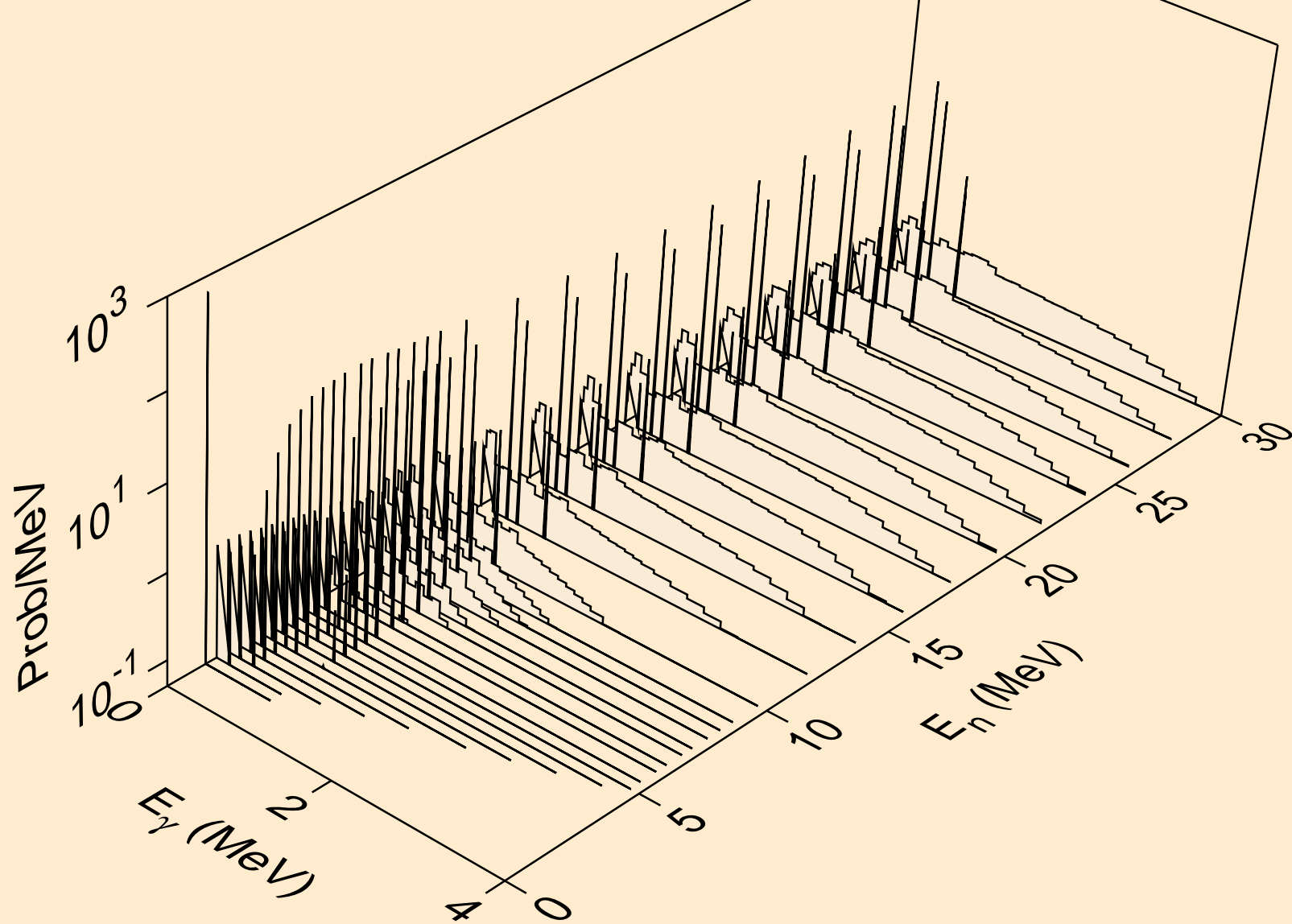
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



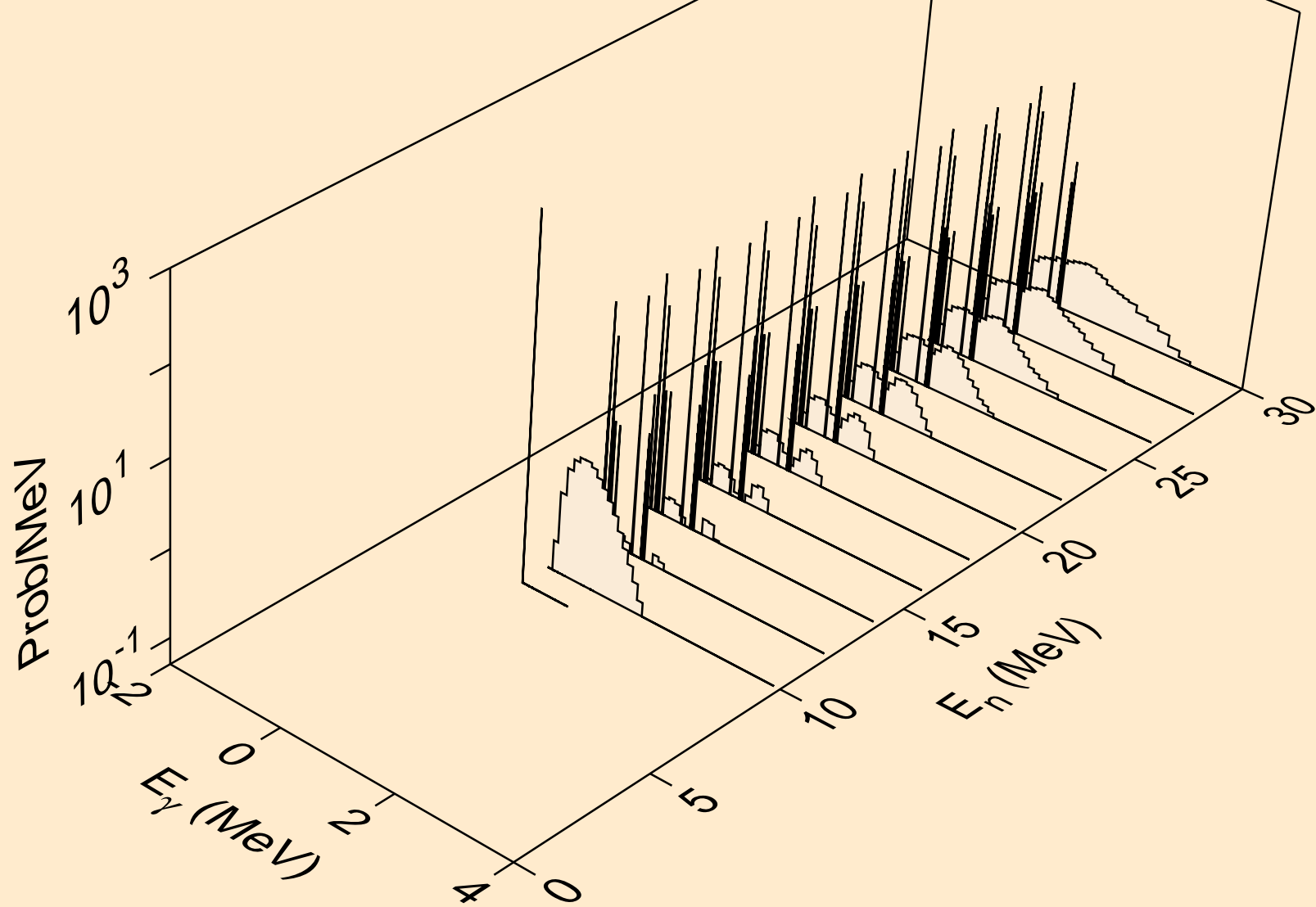
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



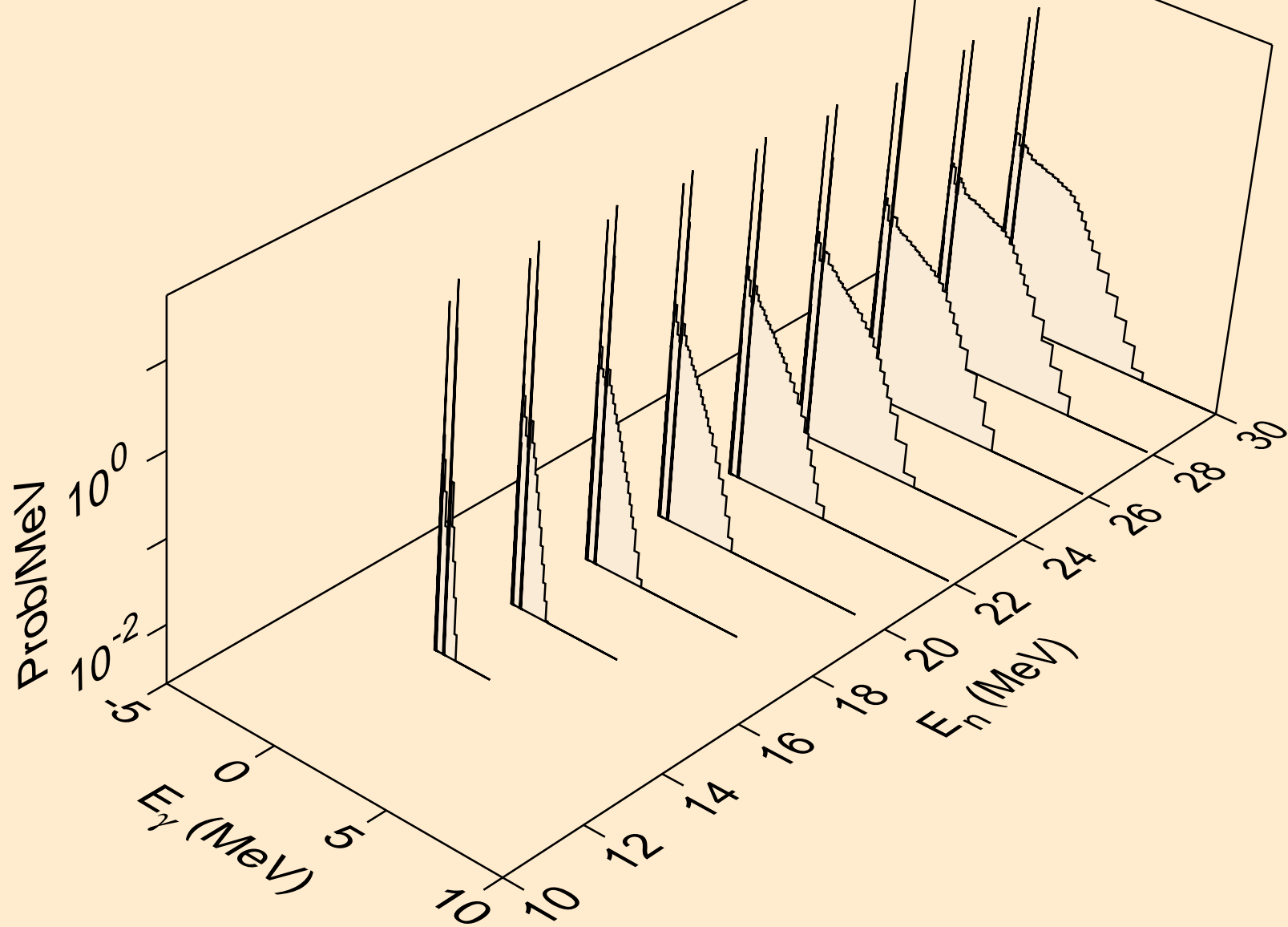
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

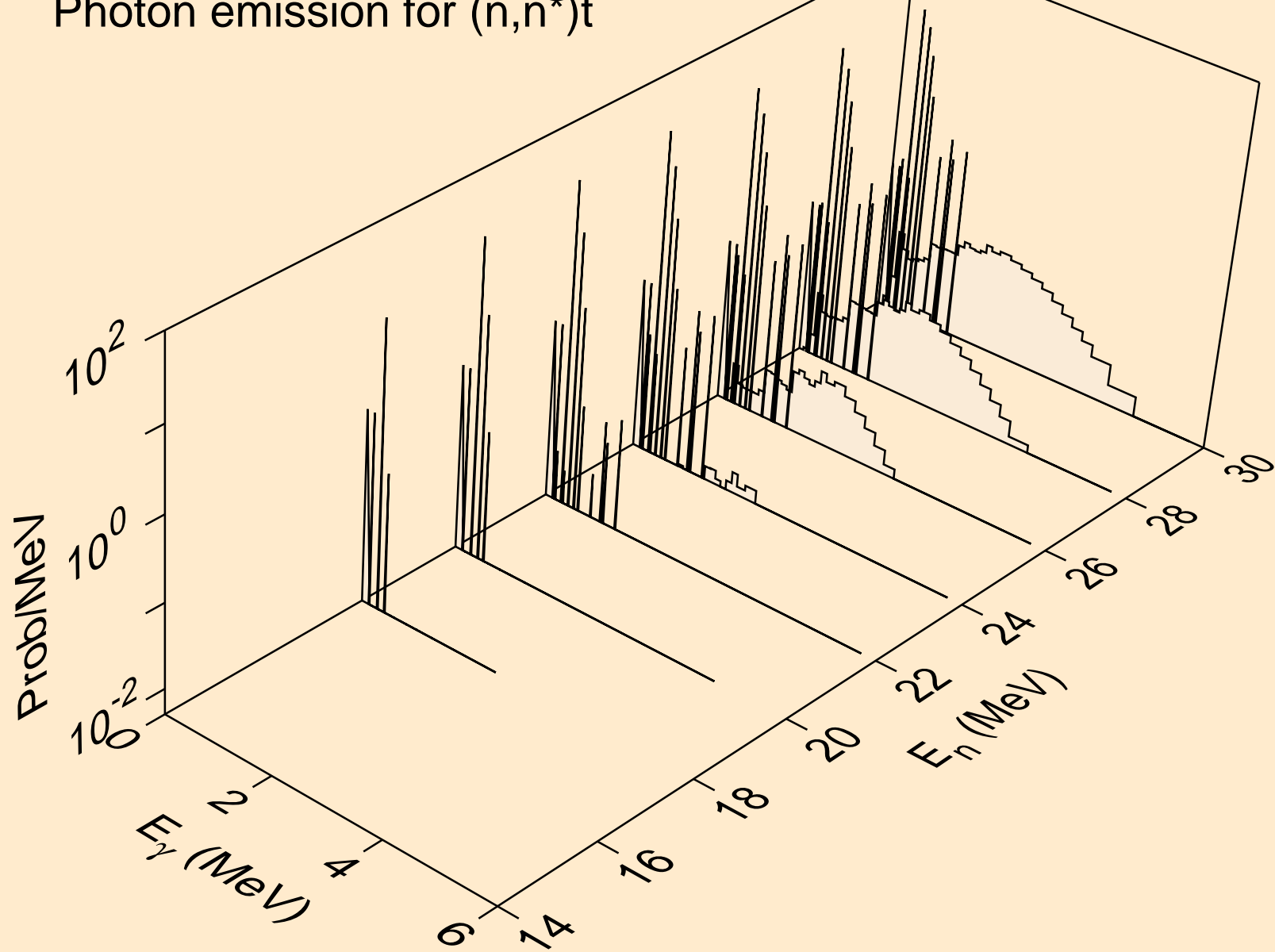


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

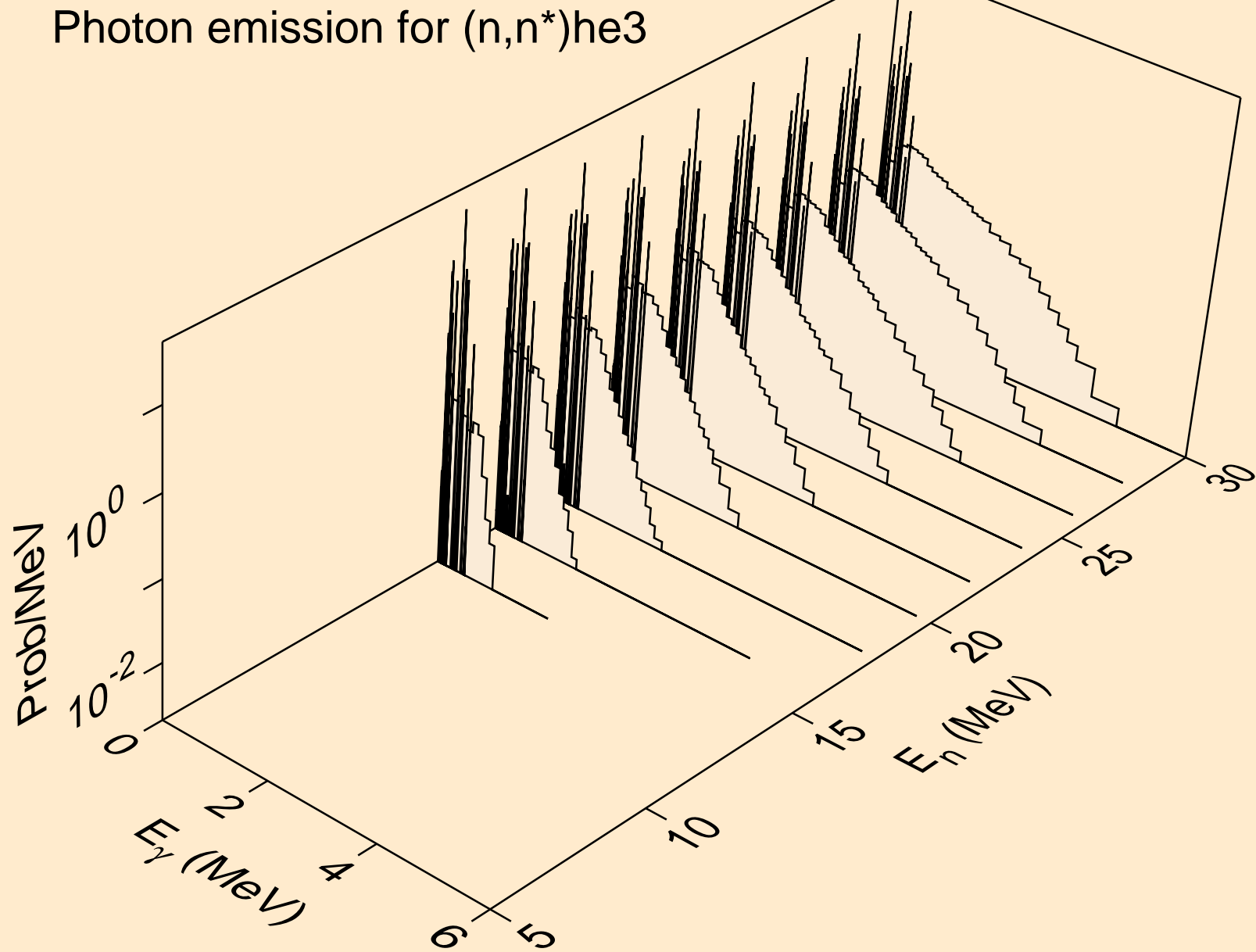




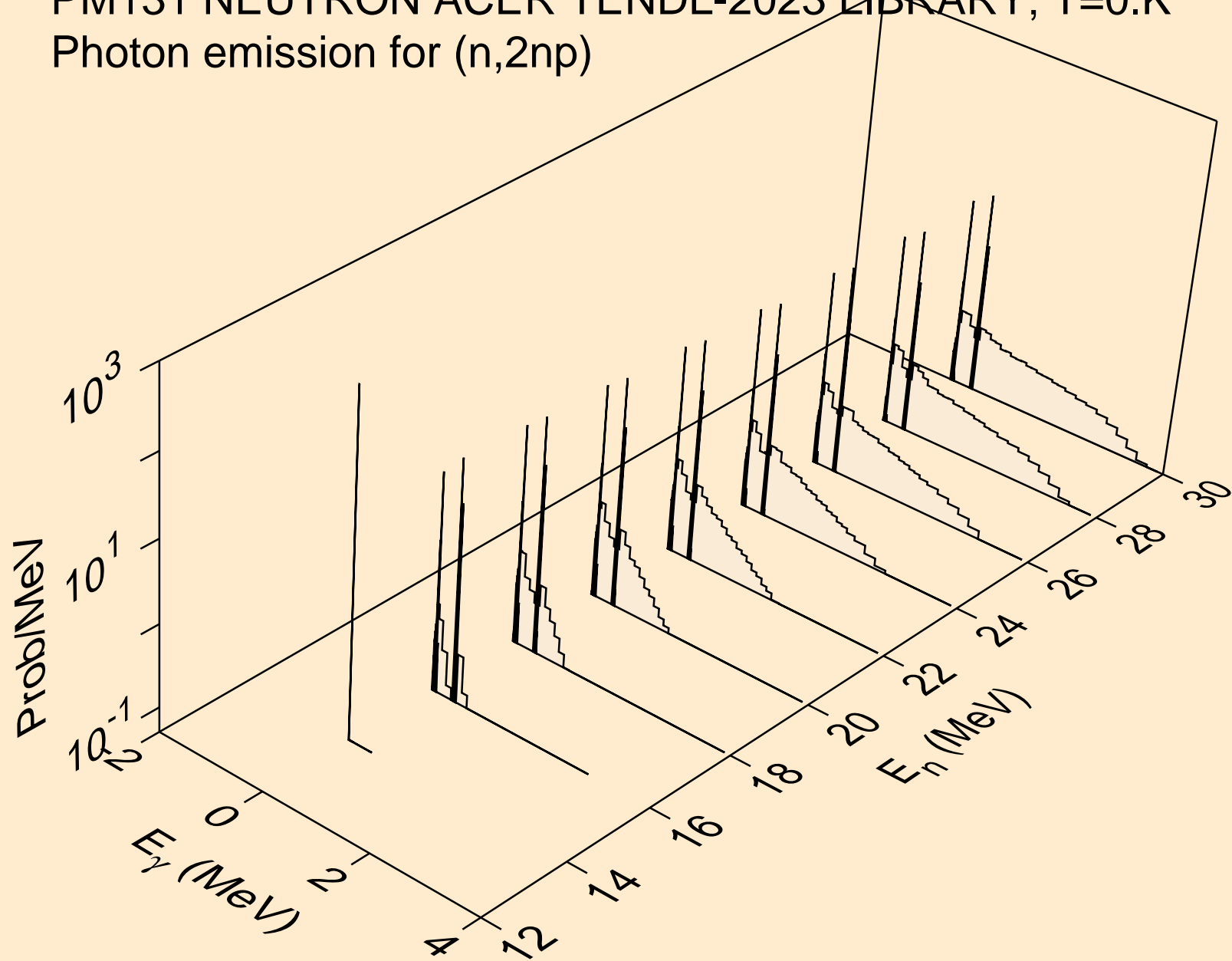
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



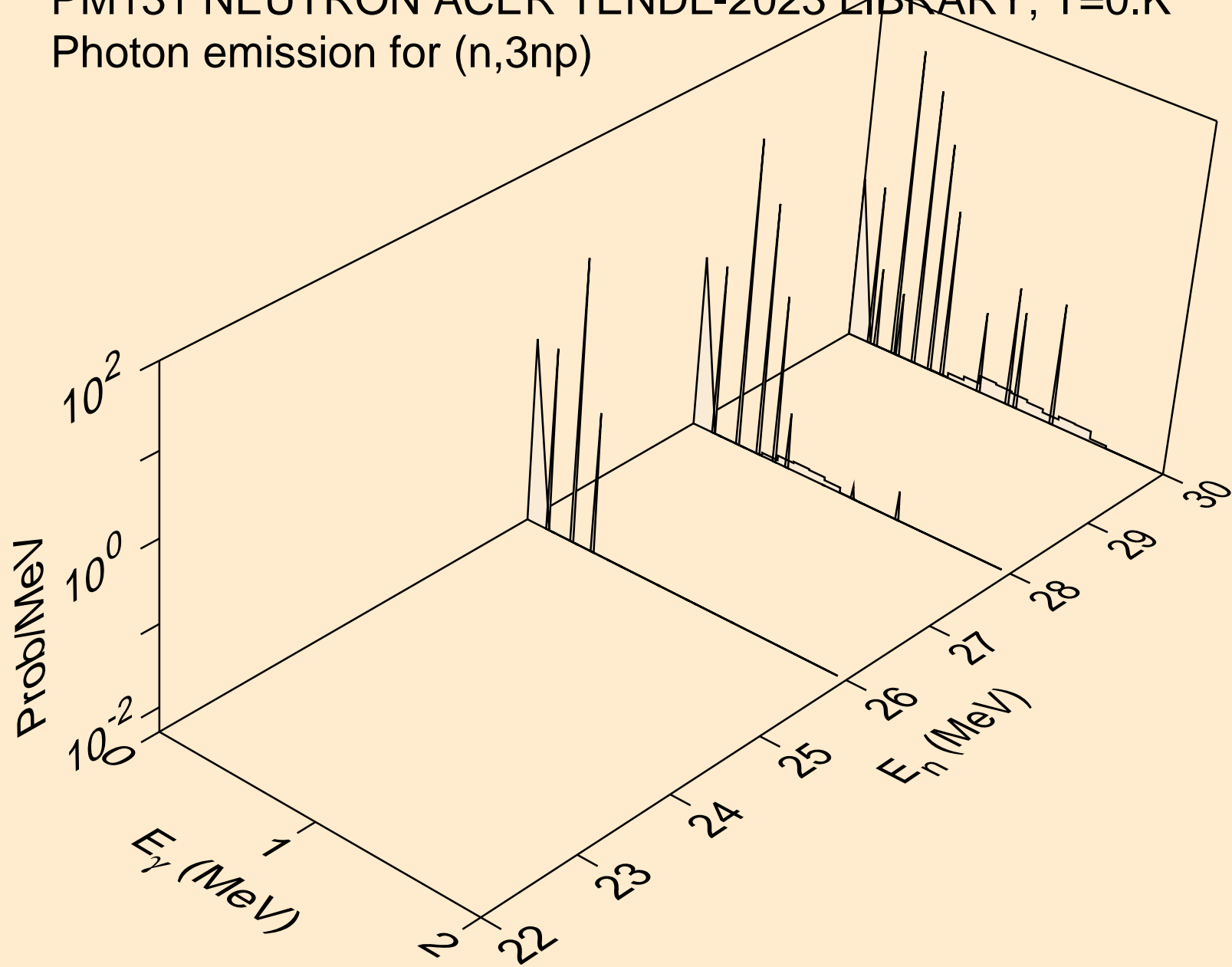
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



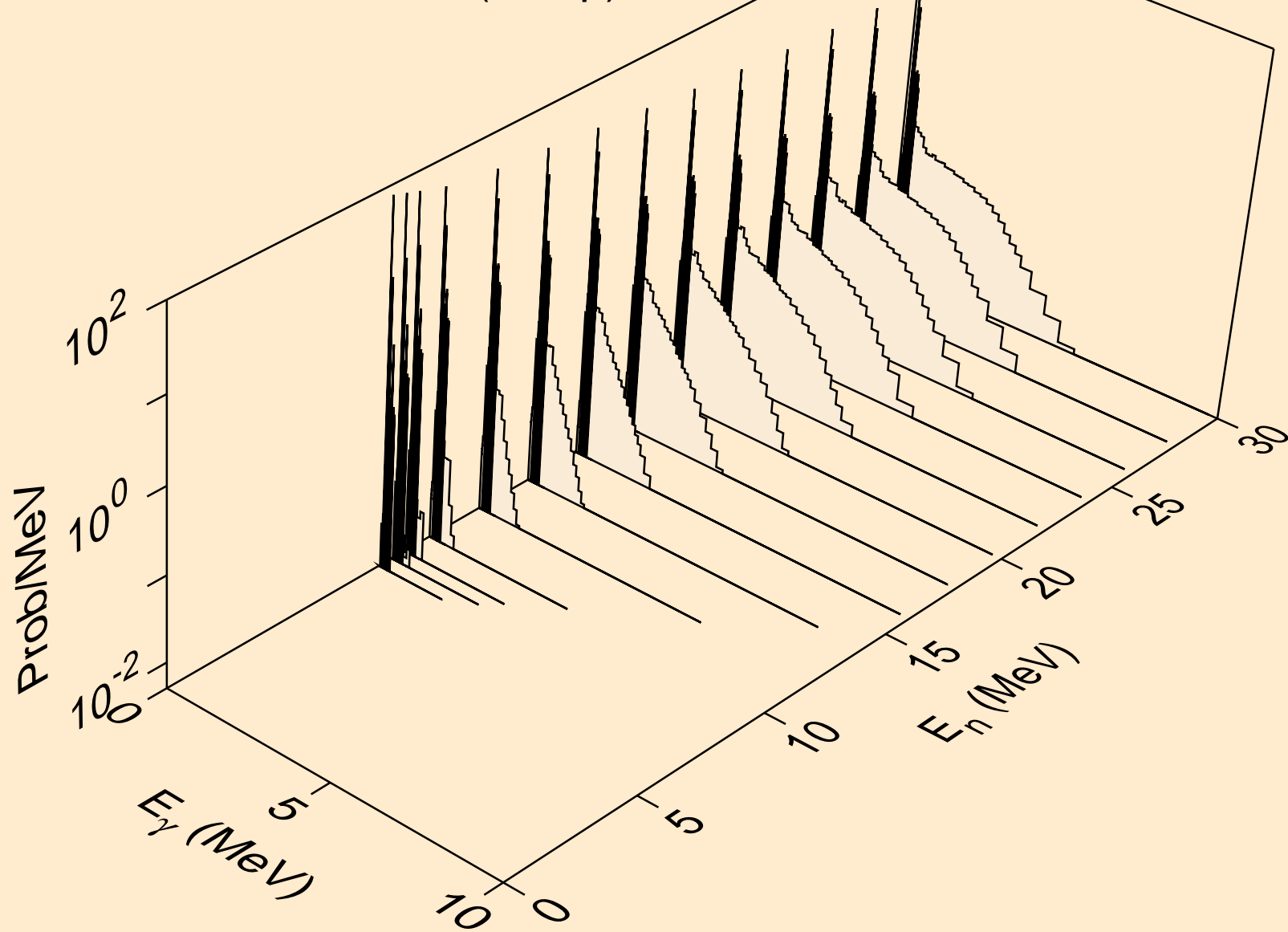
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



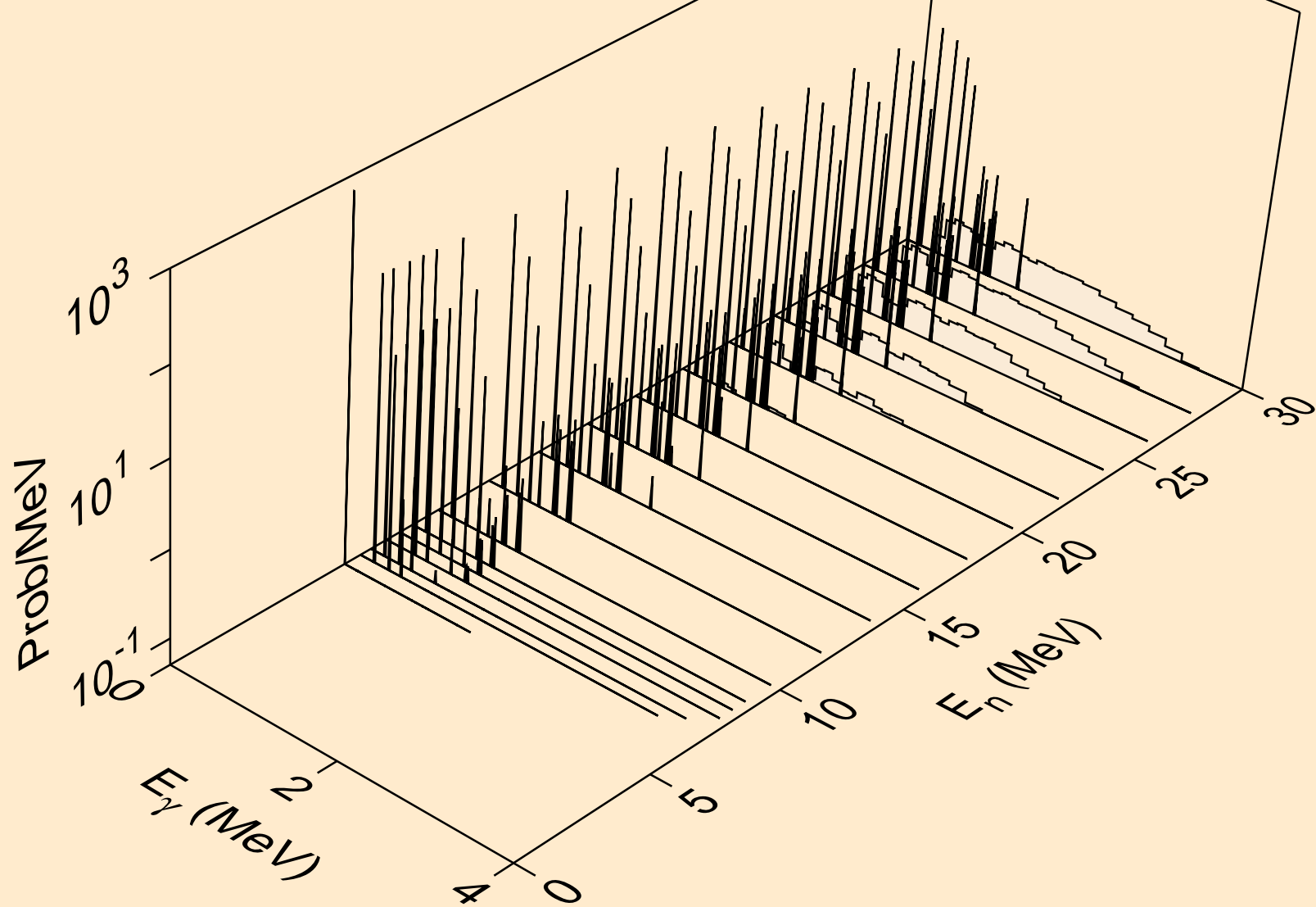
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



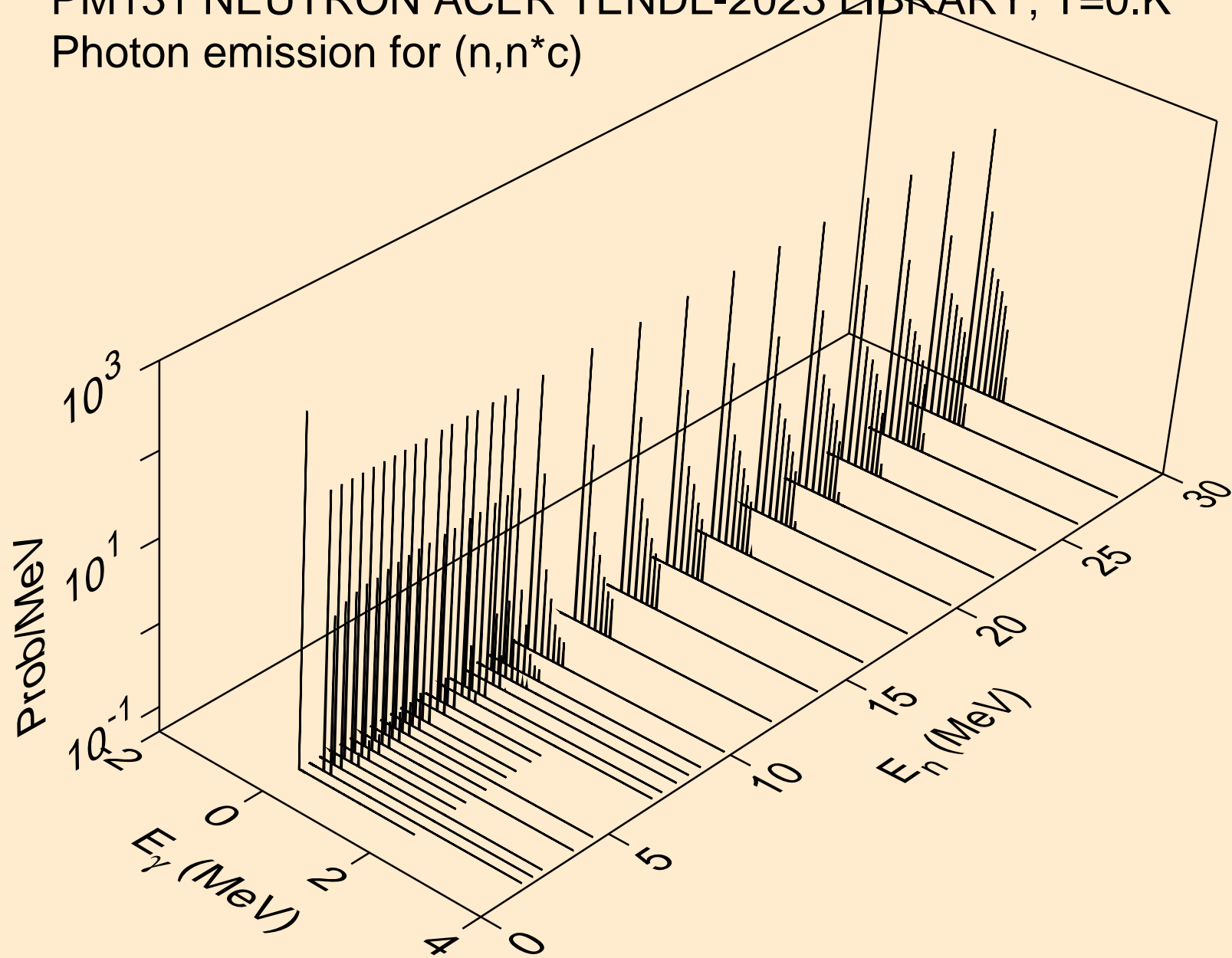
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



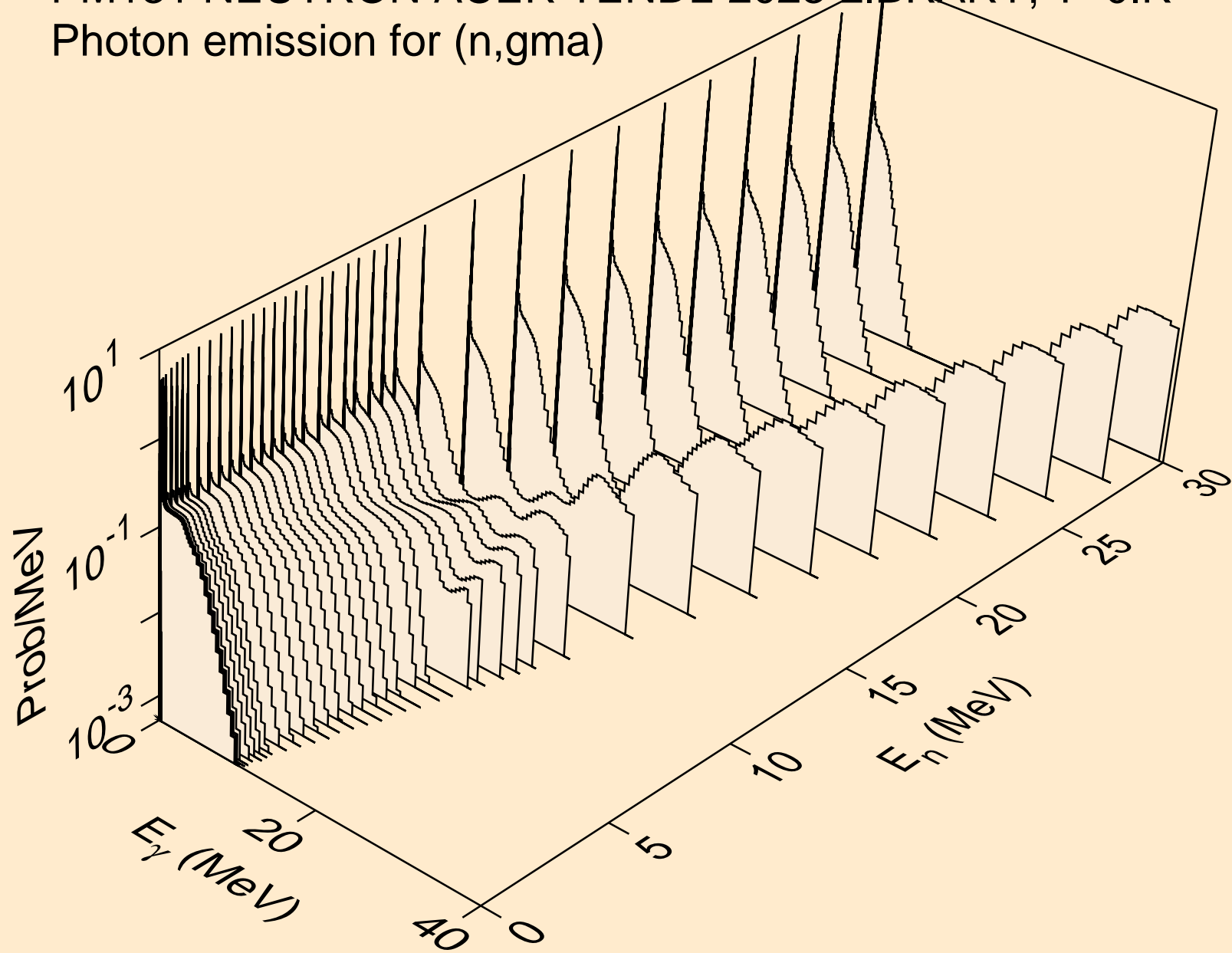
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

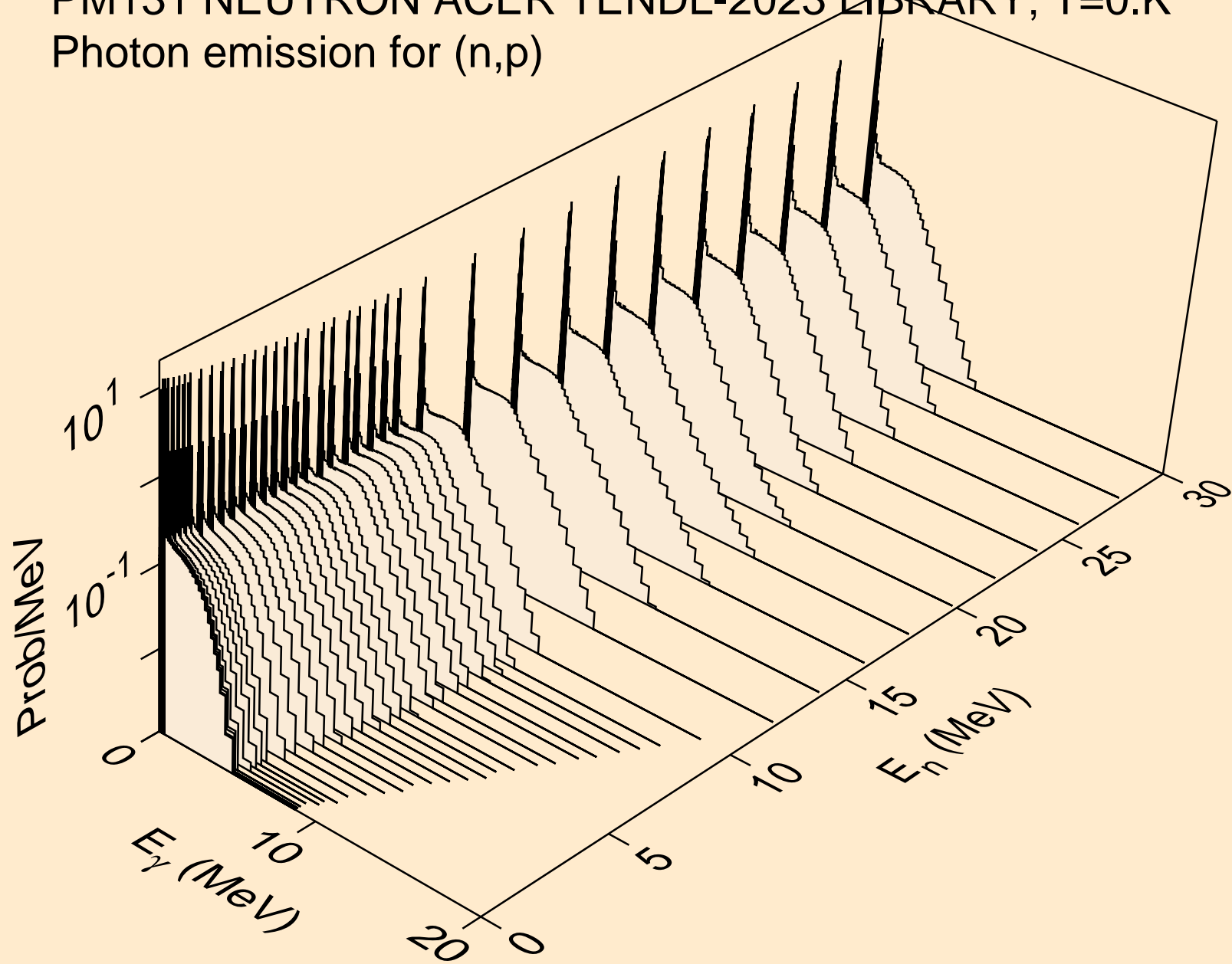


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

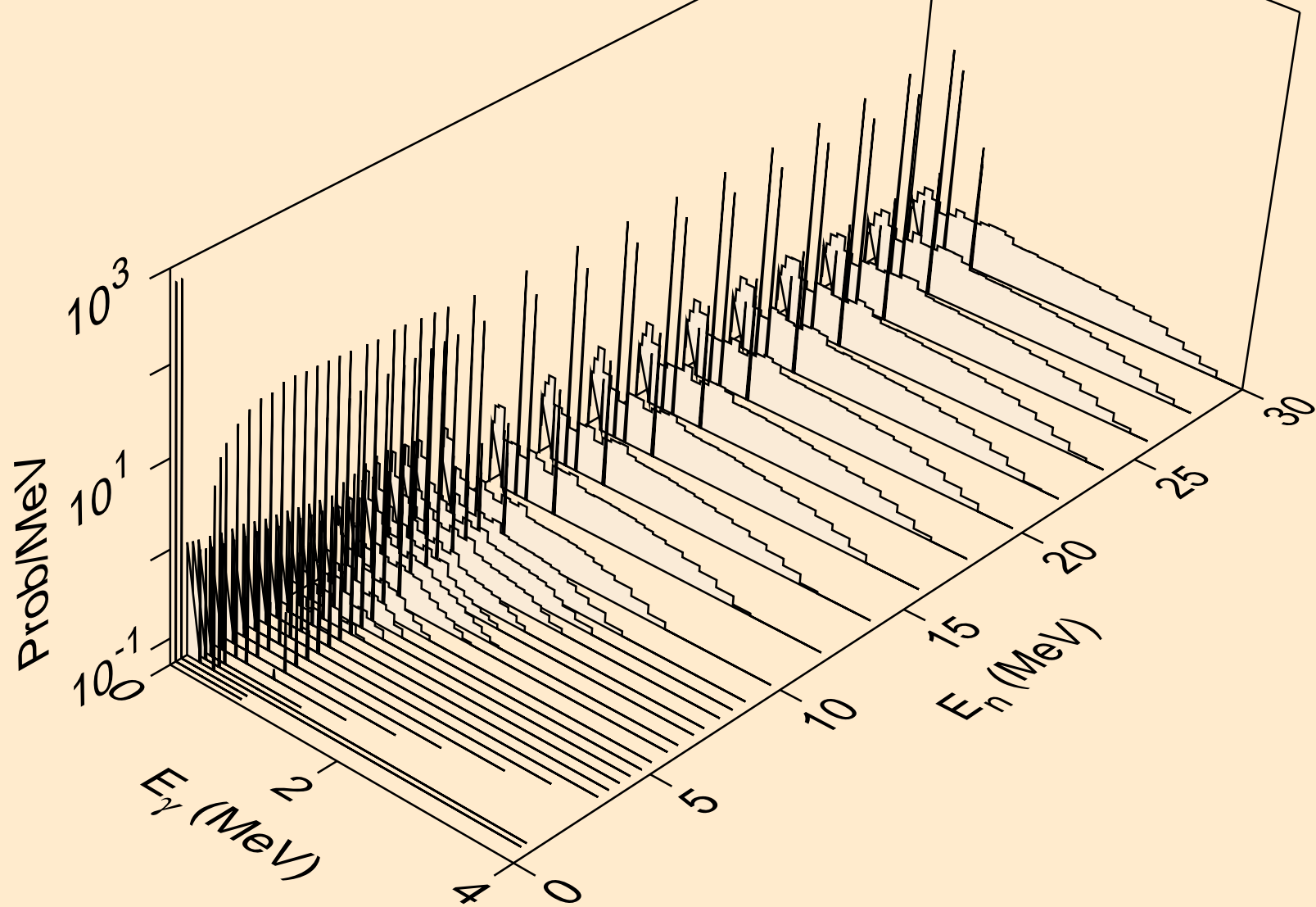




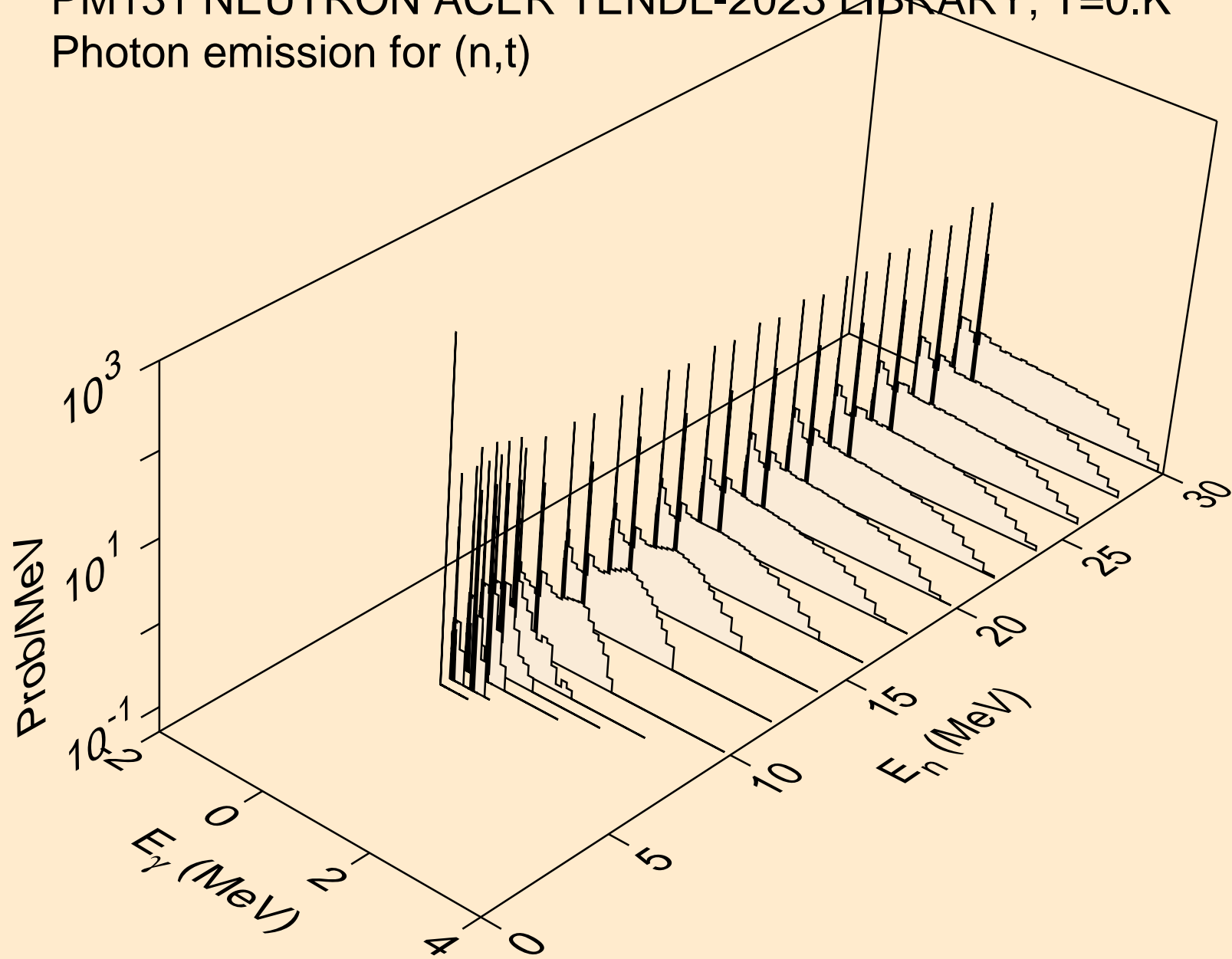
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



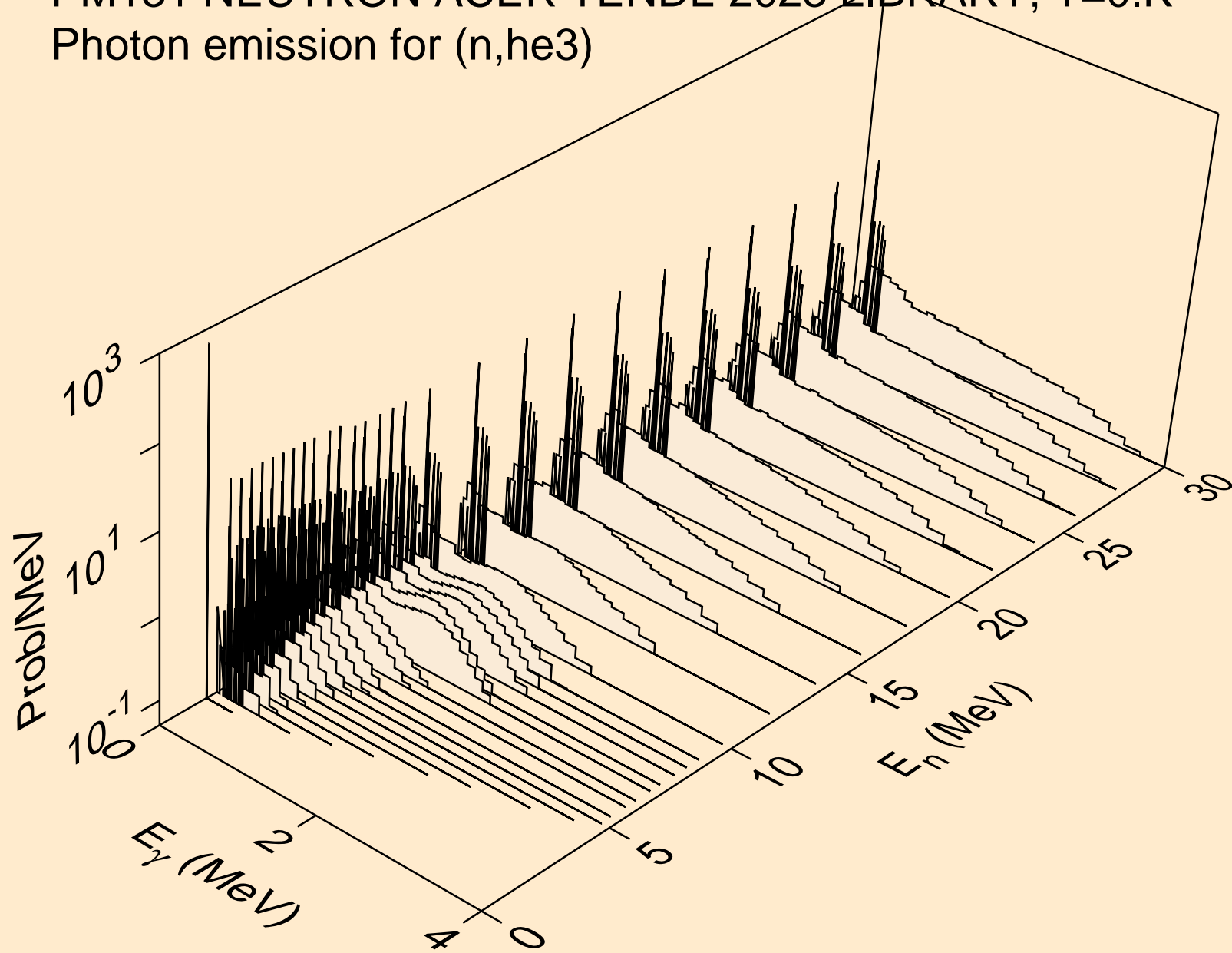
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



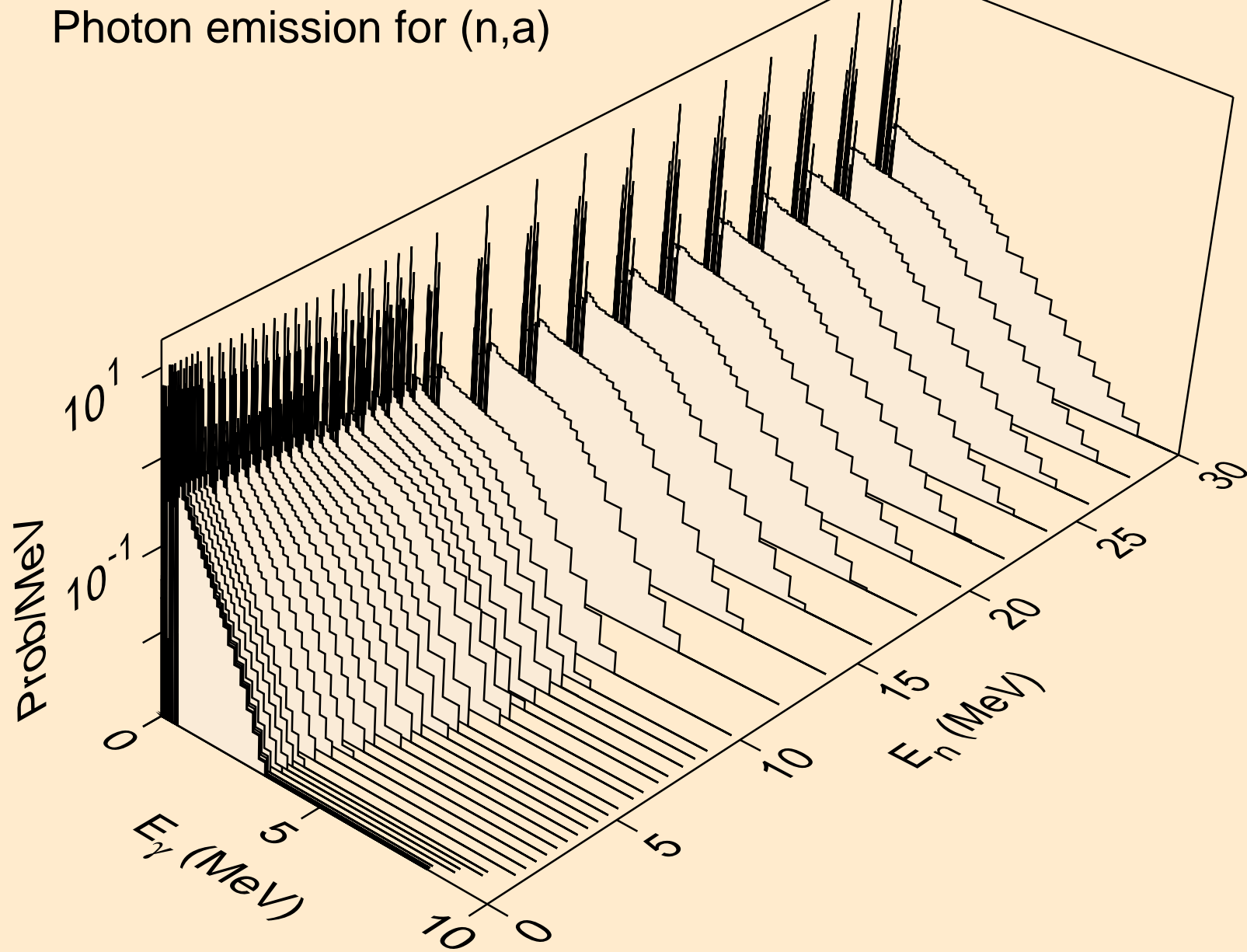
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



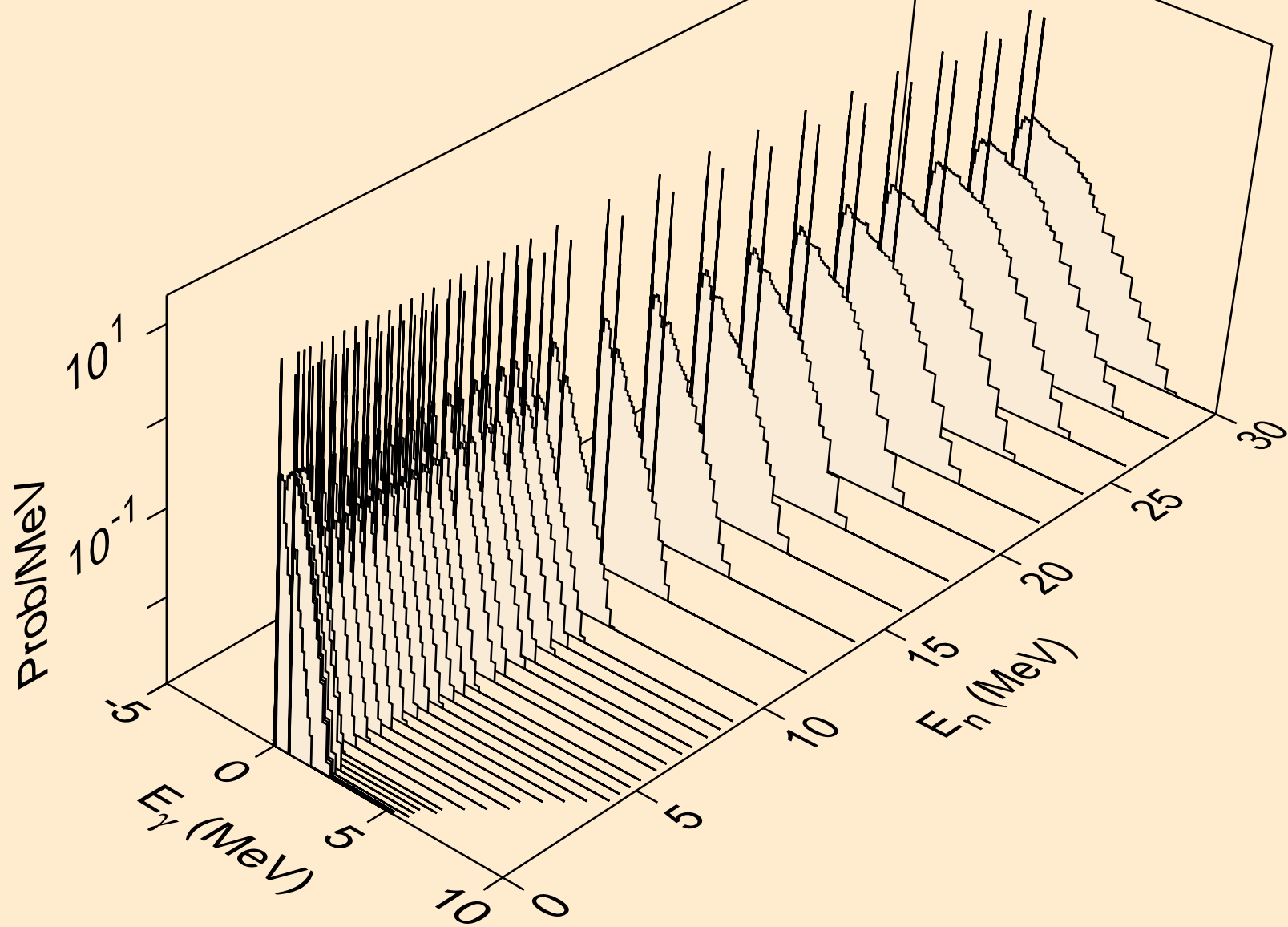
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



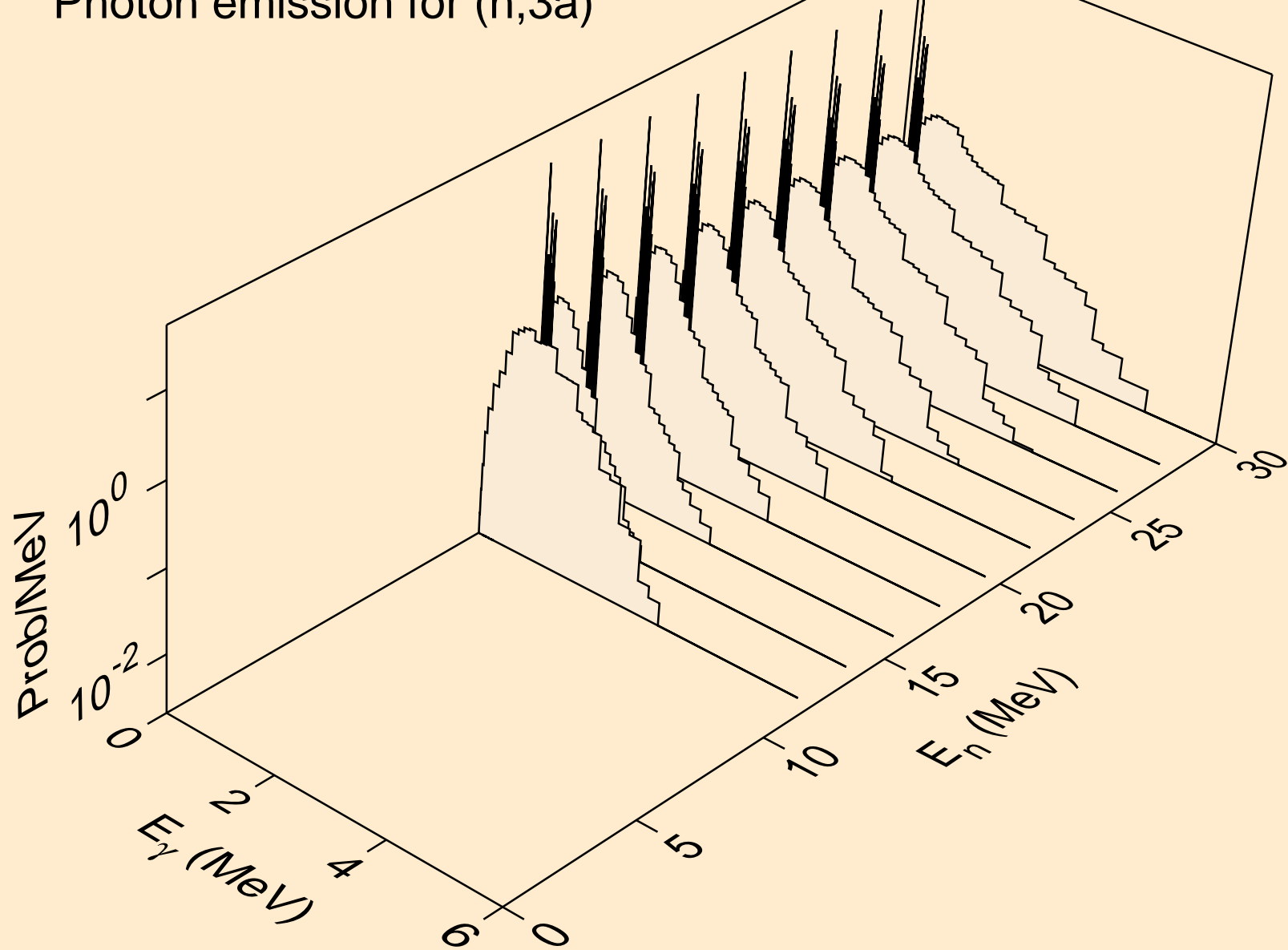
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



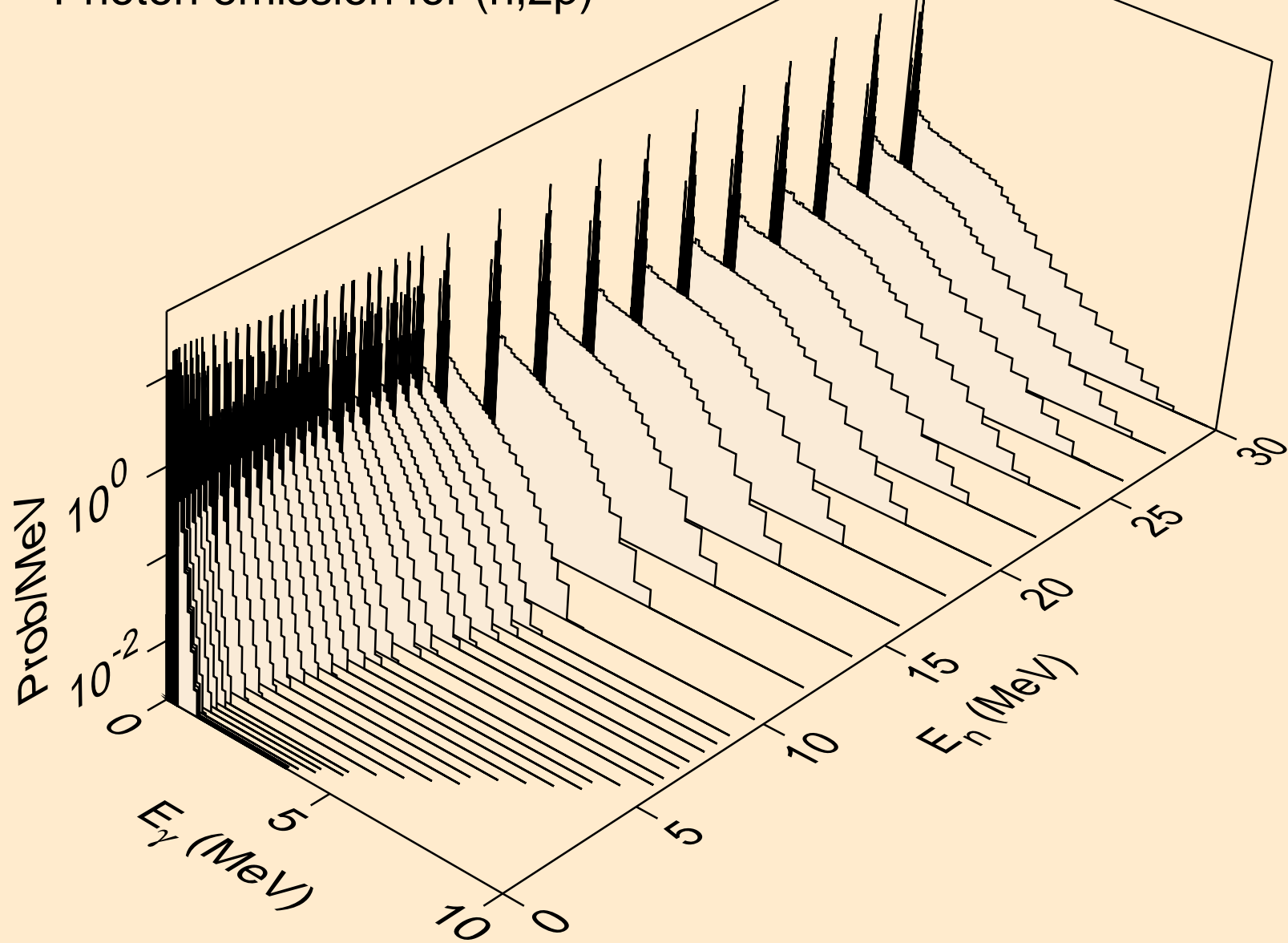
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)

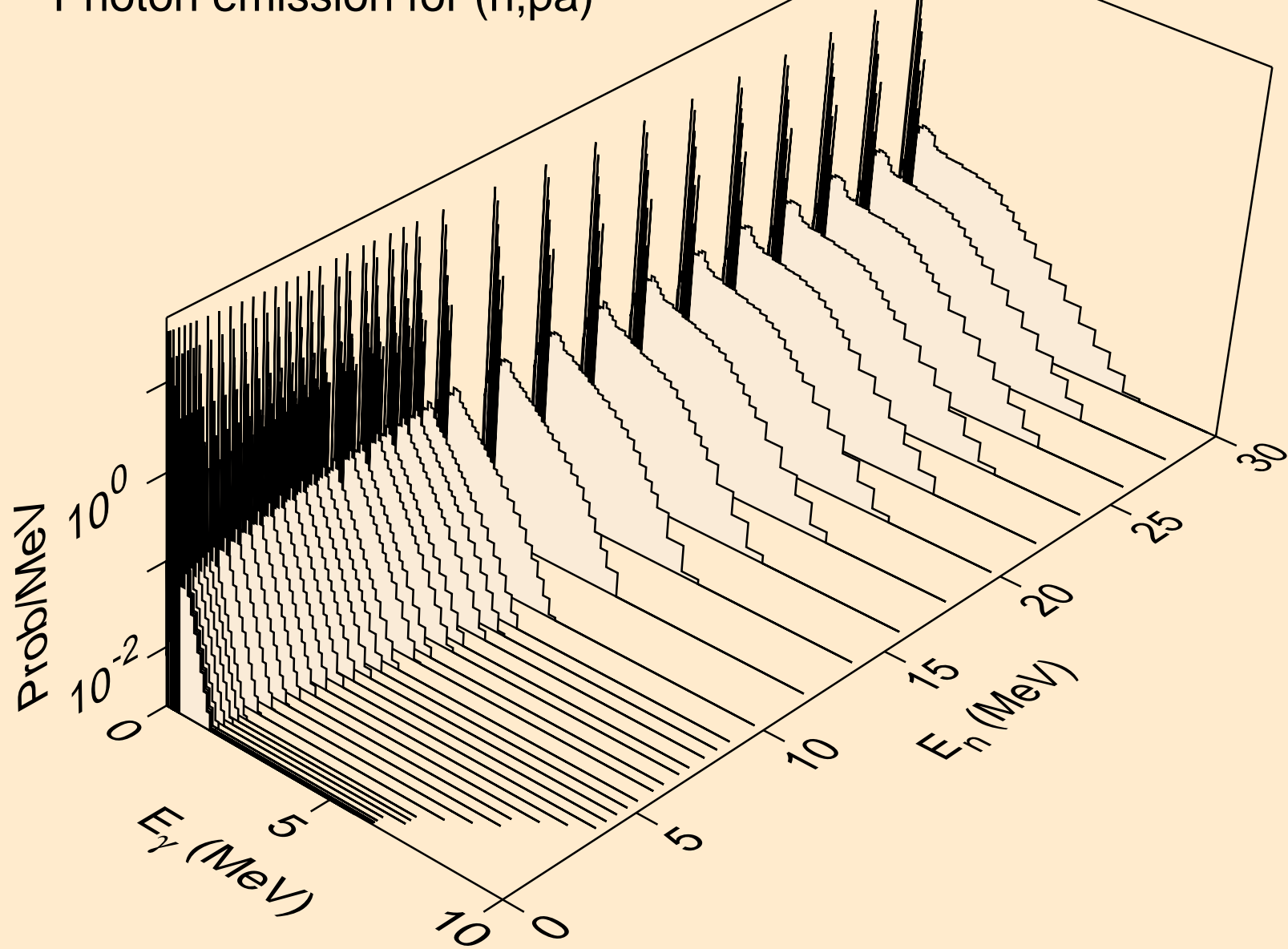


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

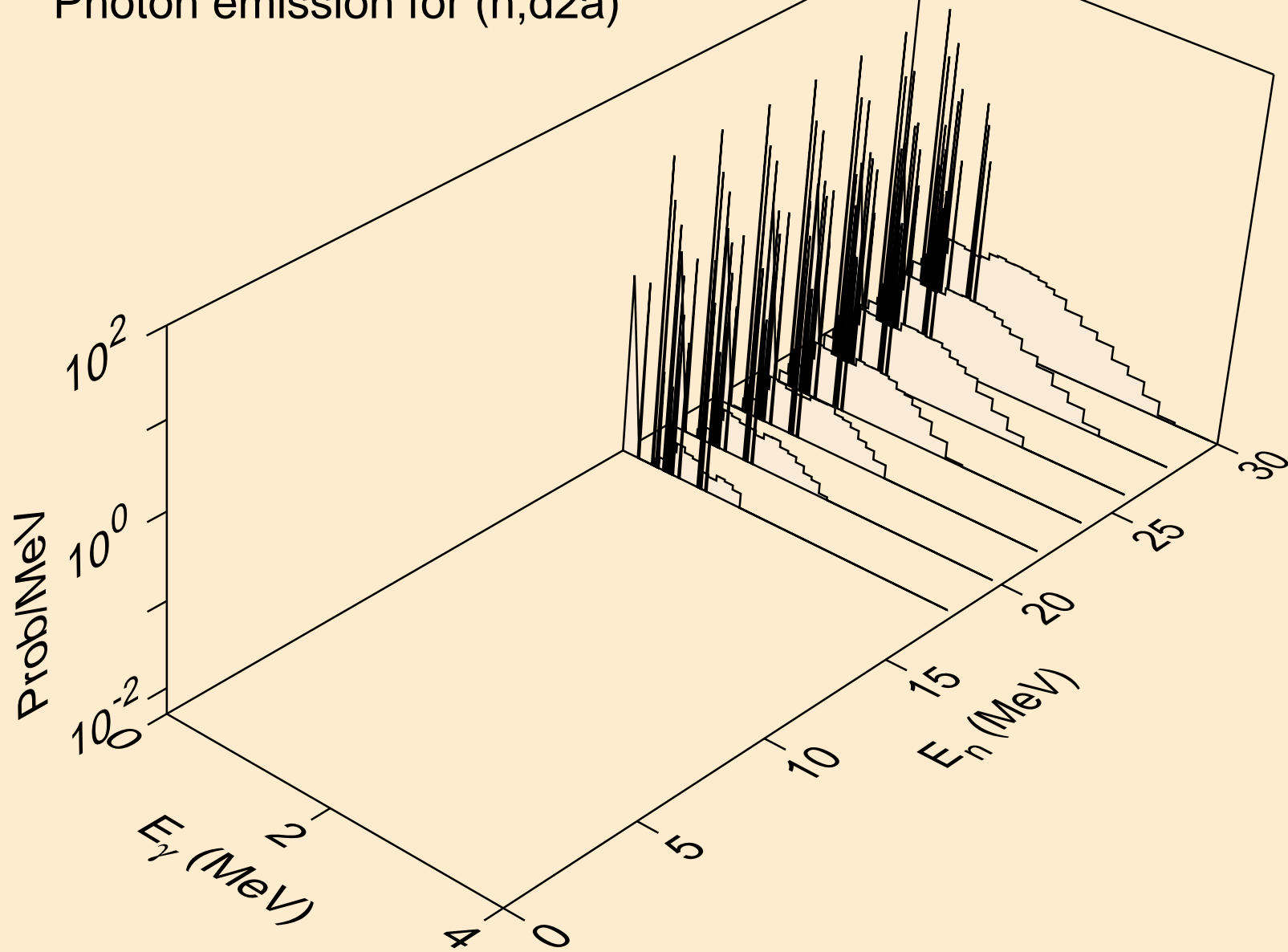




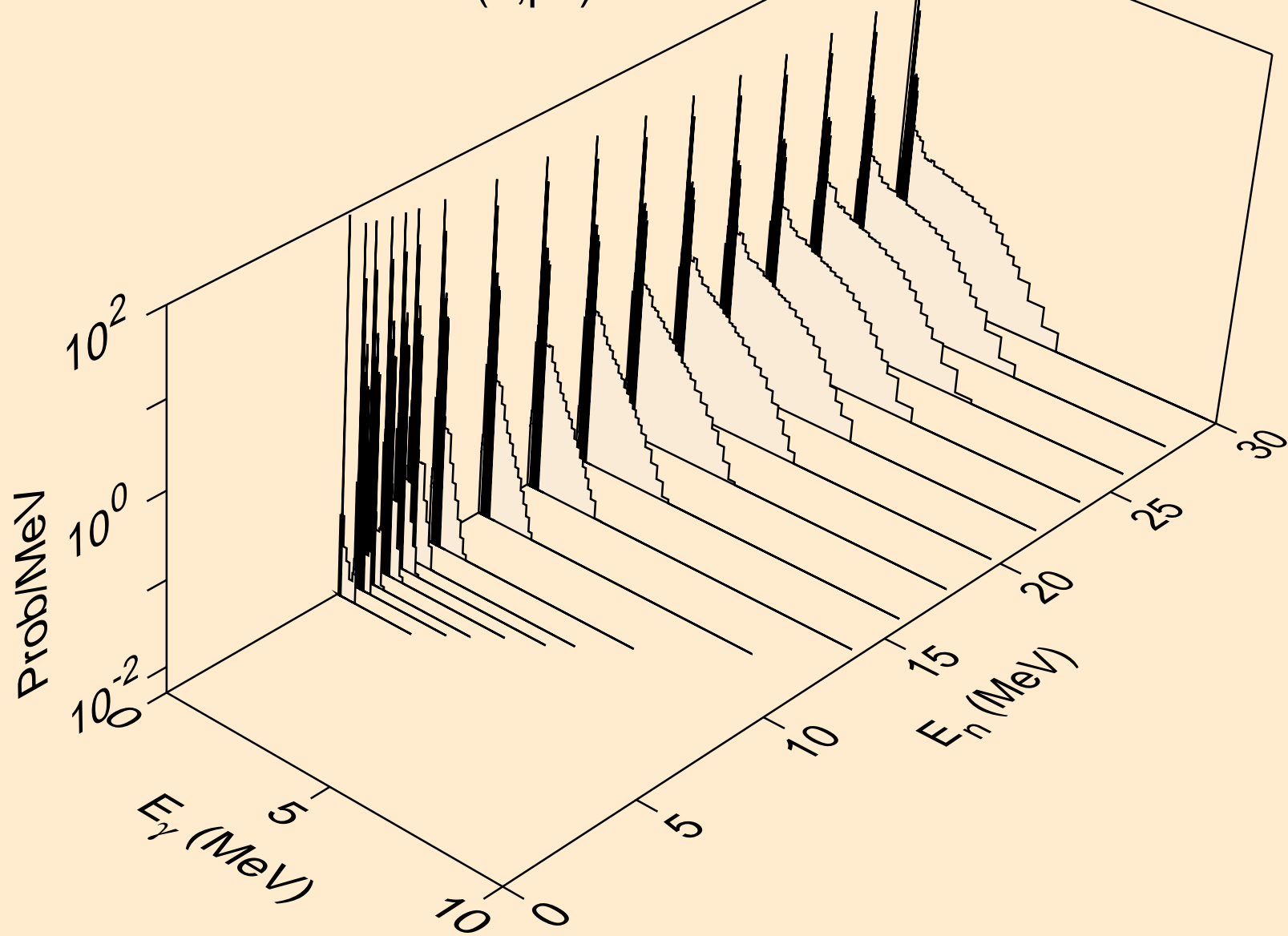
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



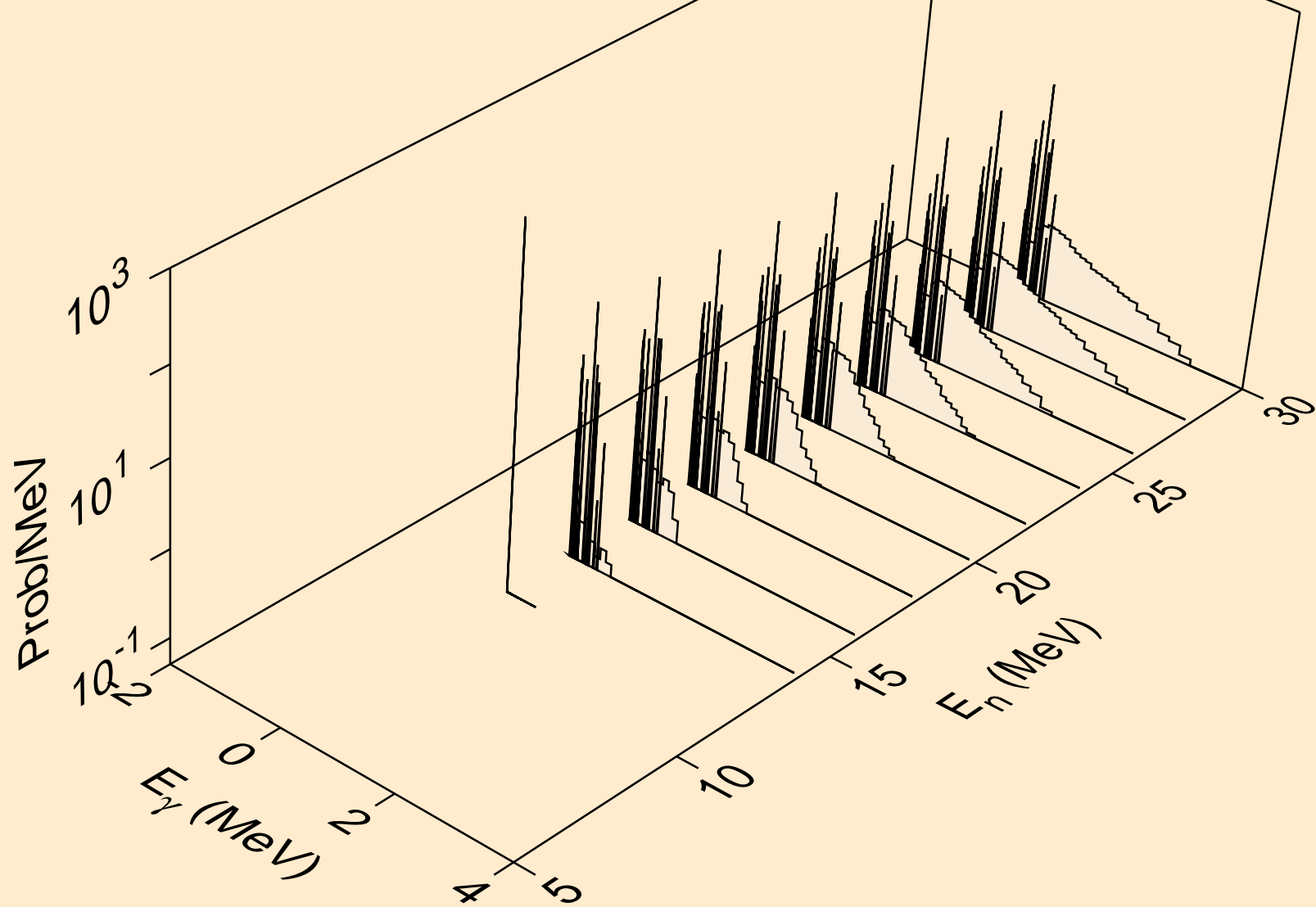
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)



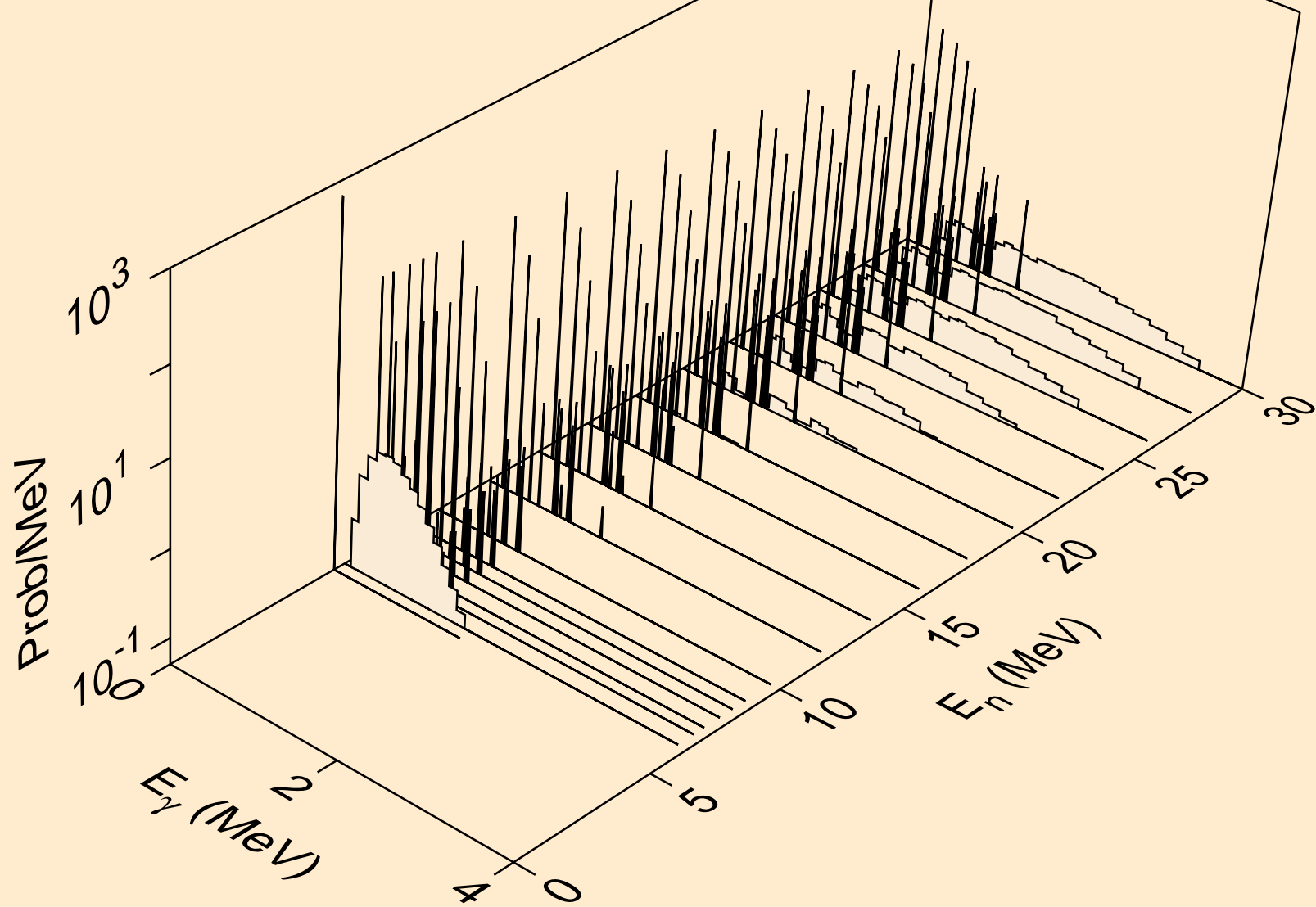
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



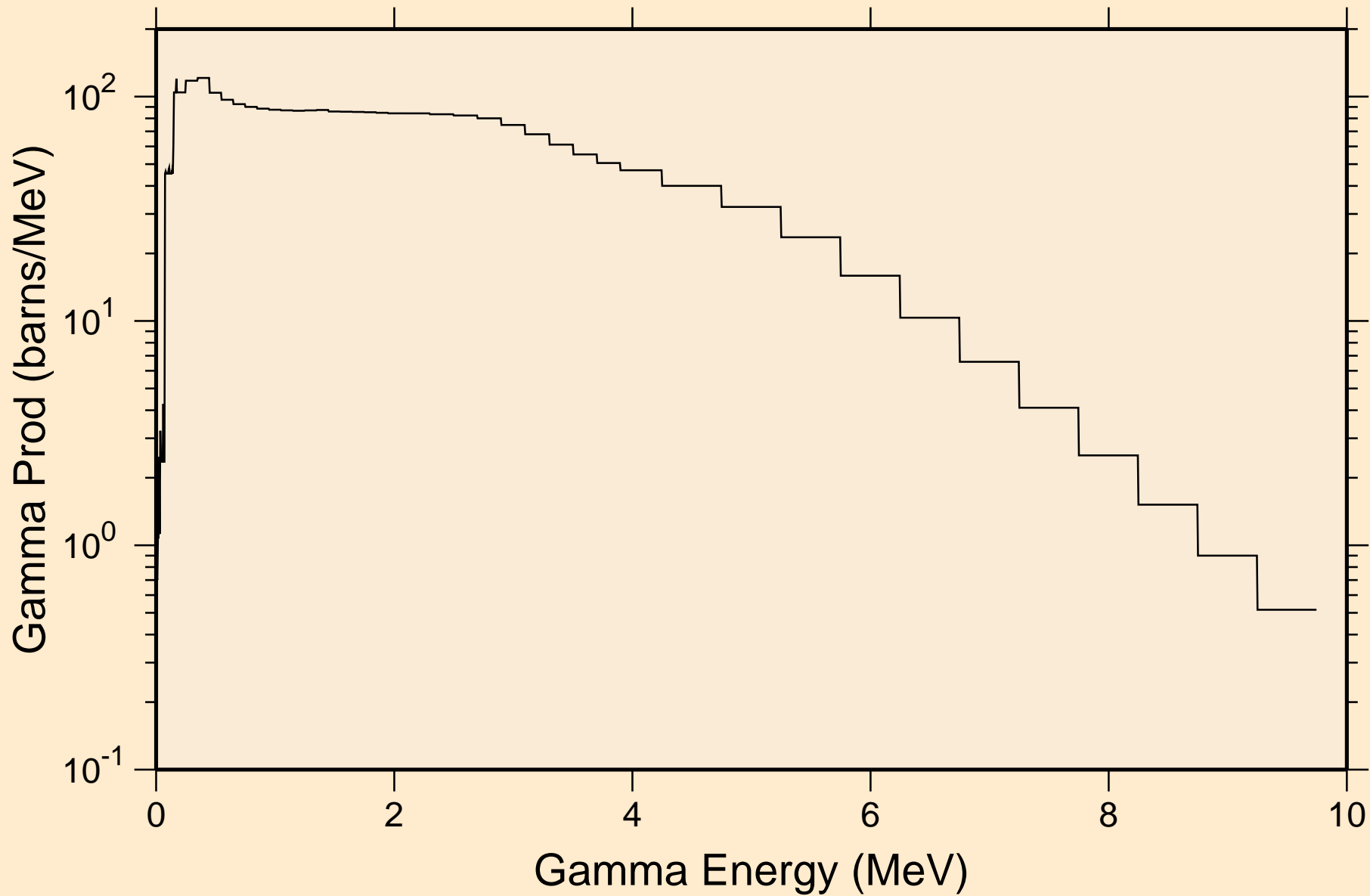
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



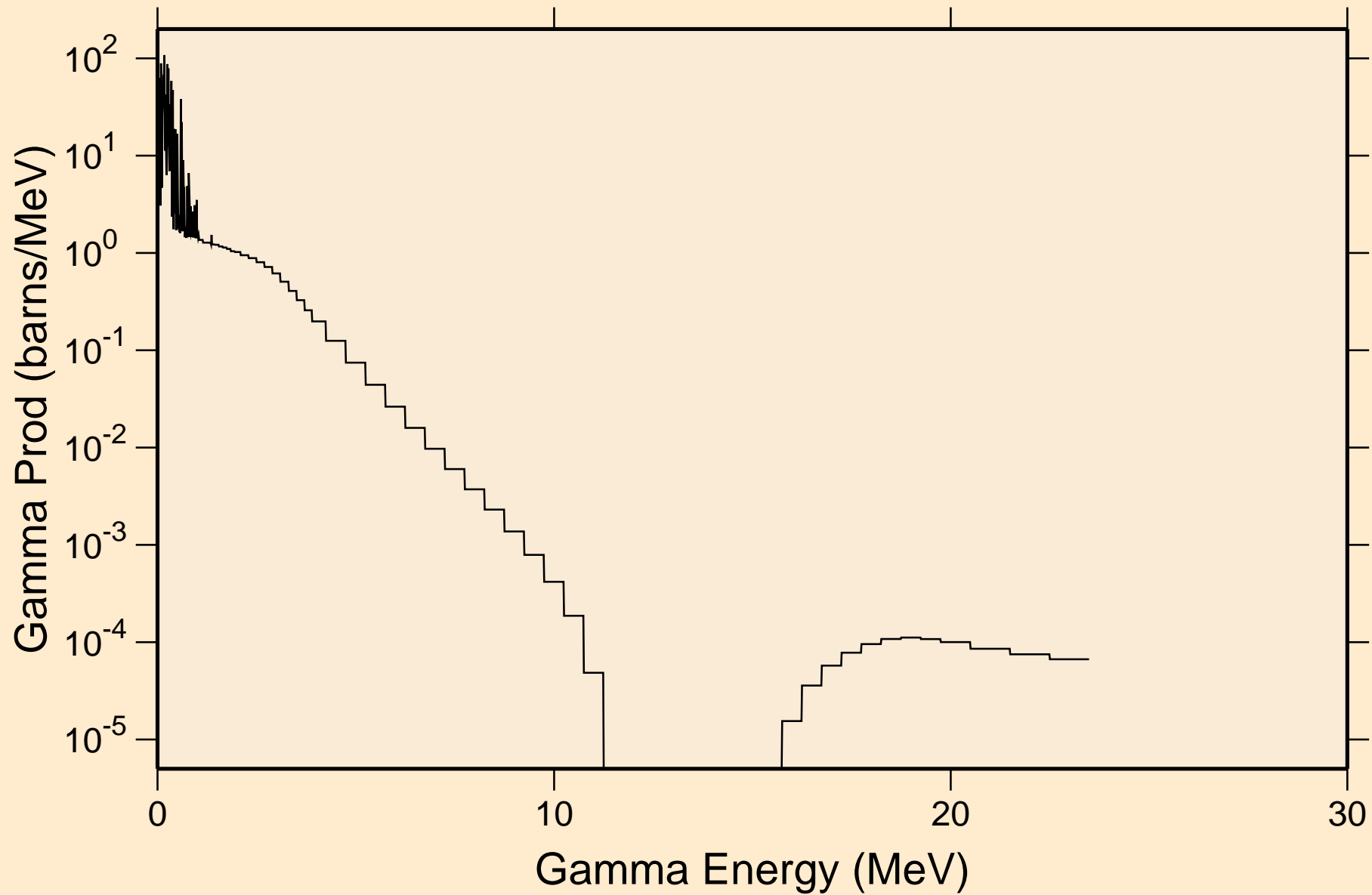
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



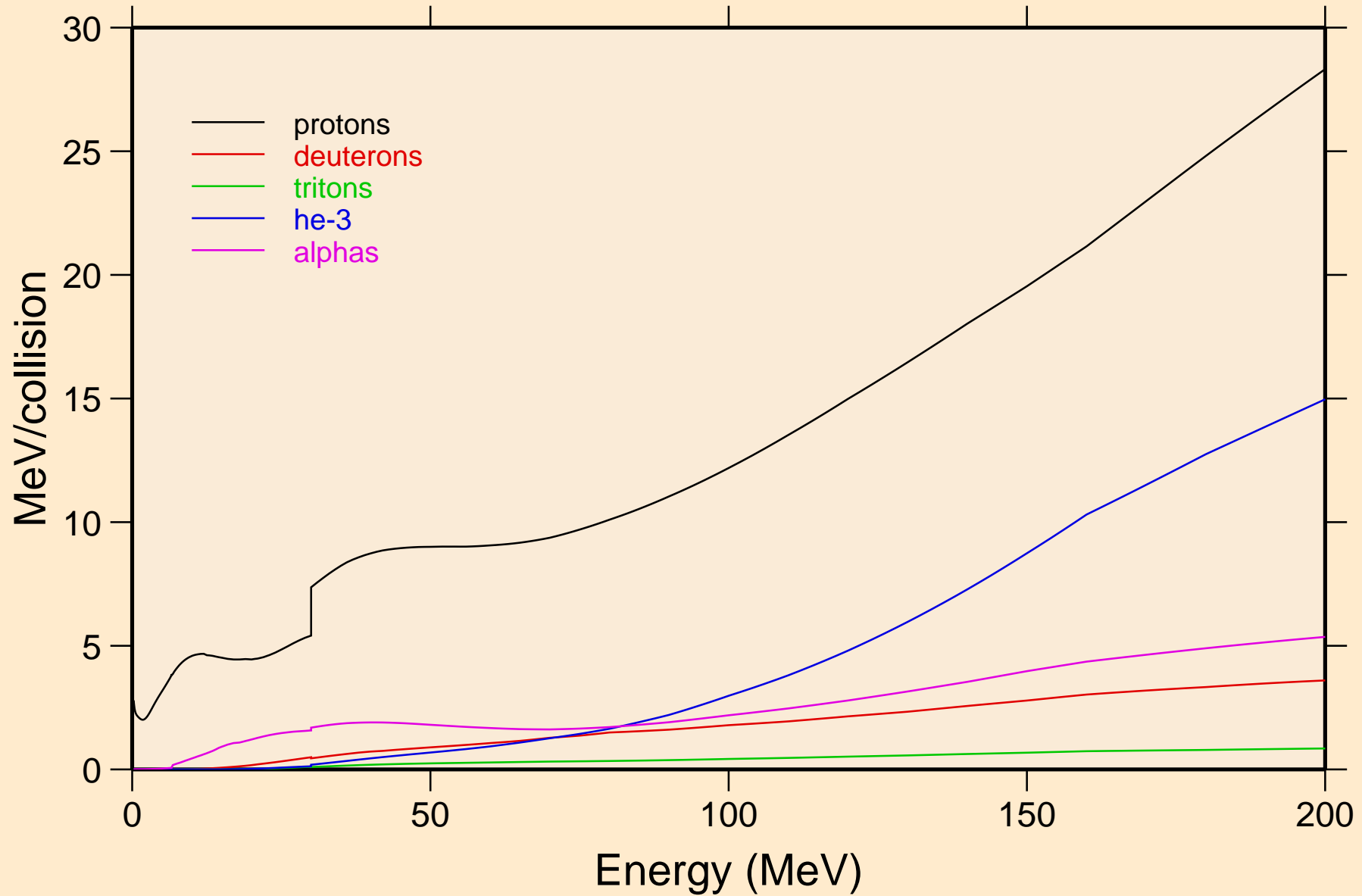
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

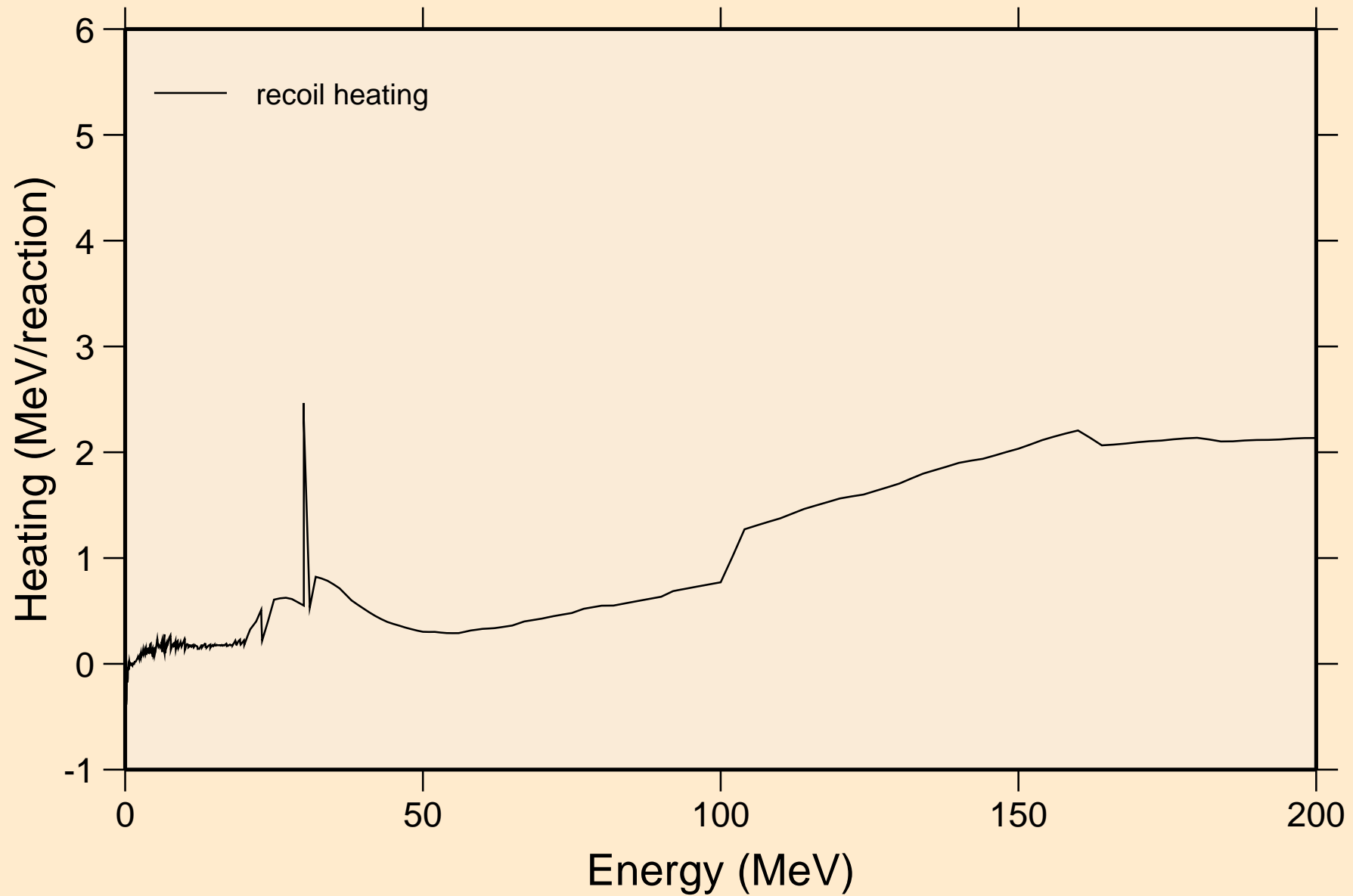


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

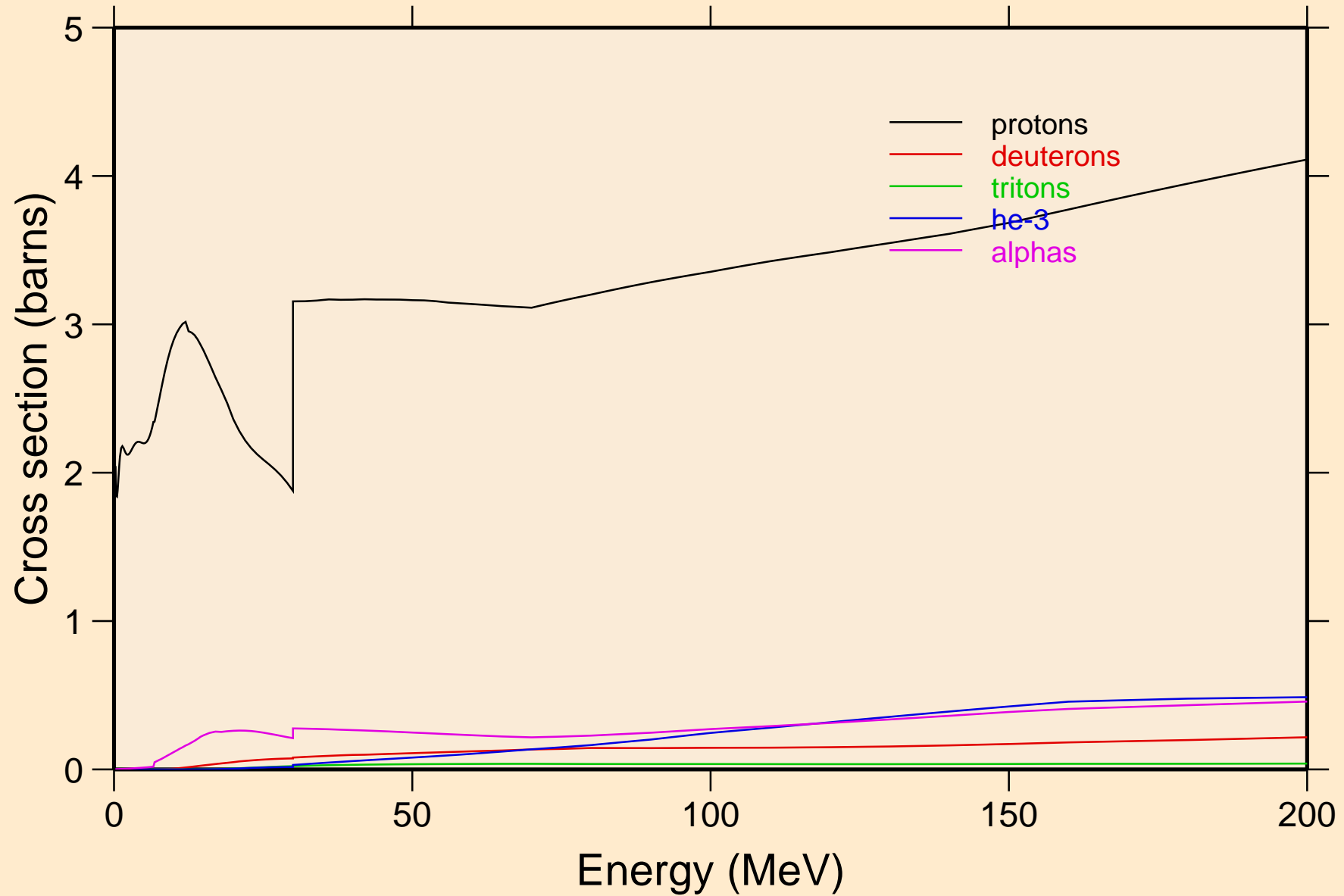




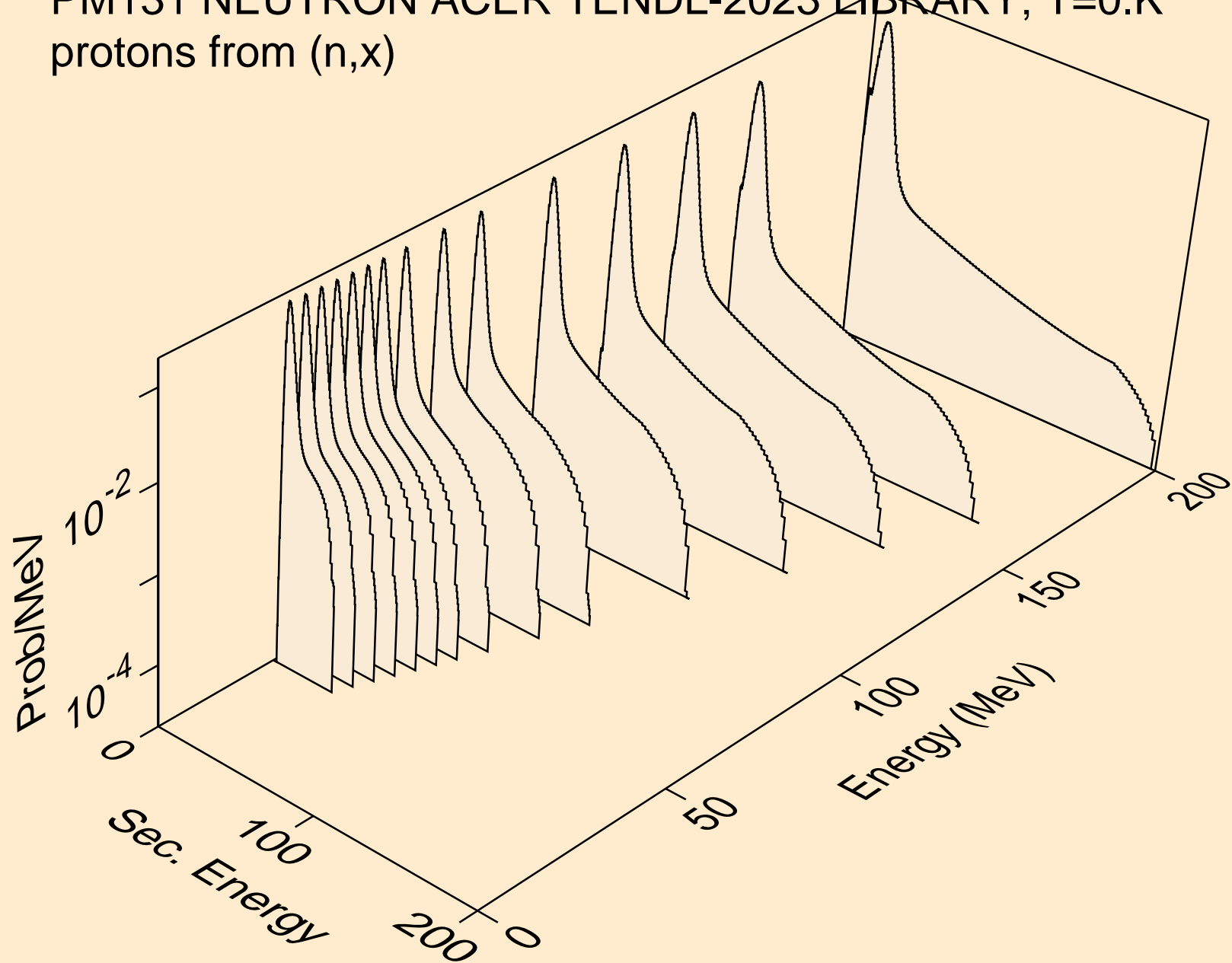
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



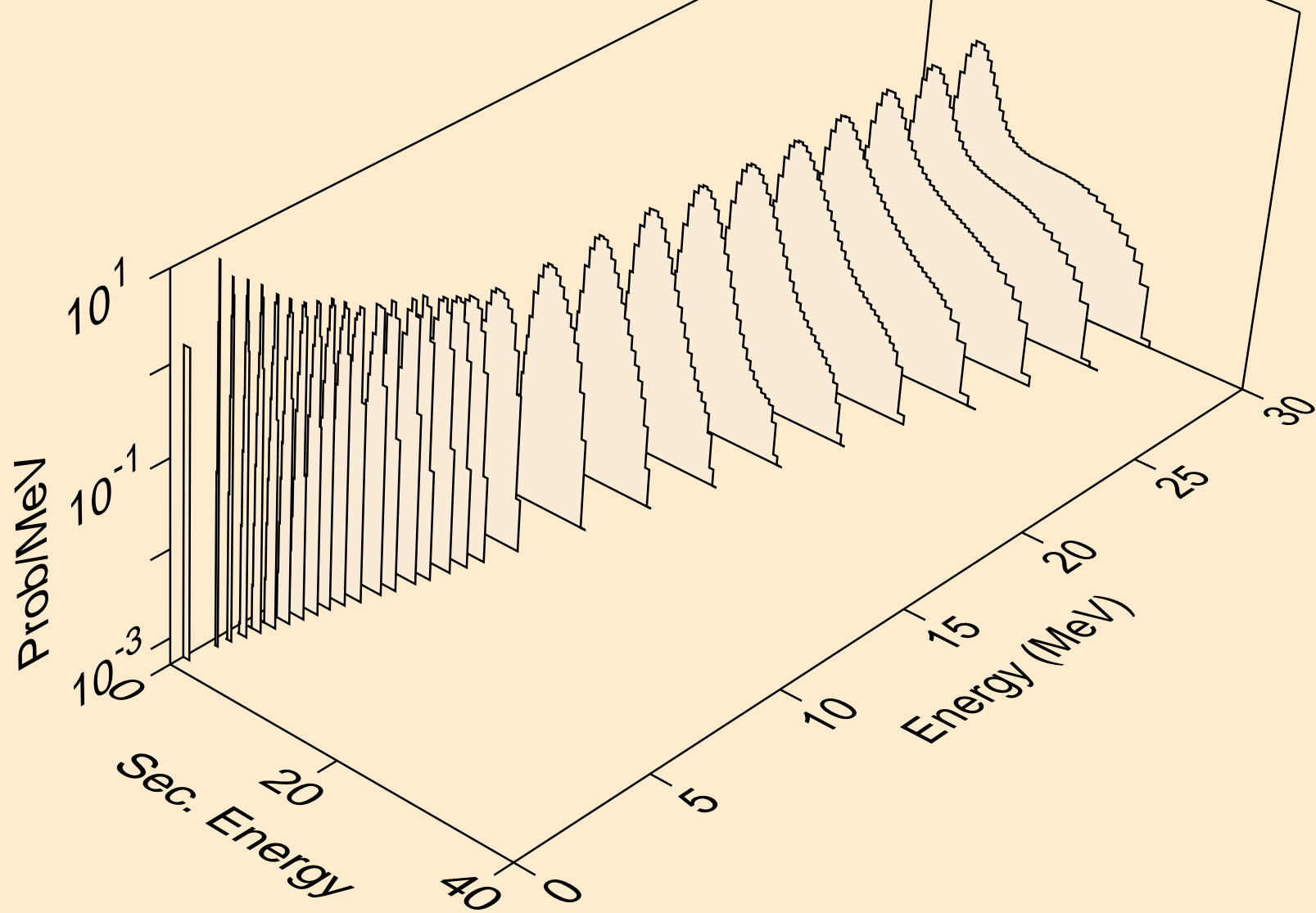
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



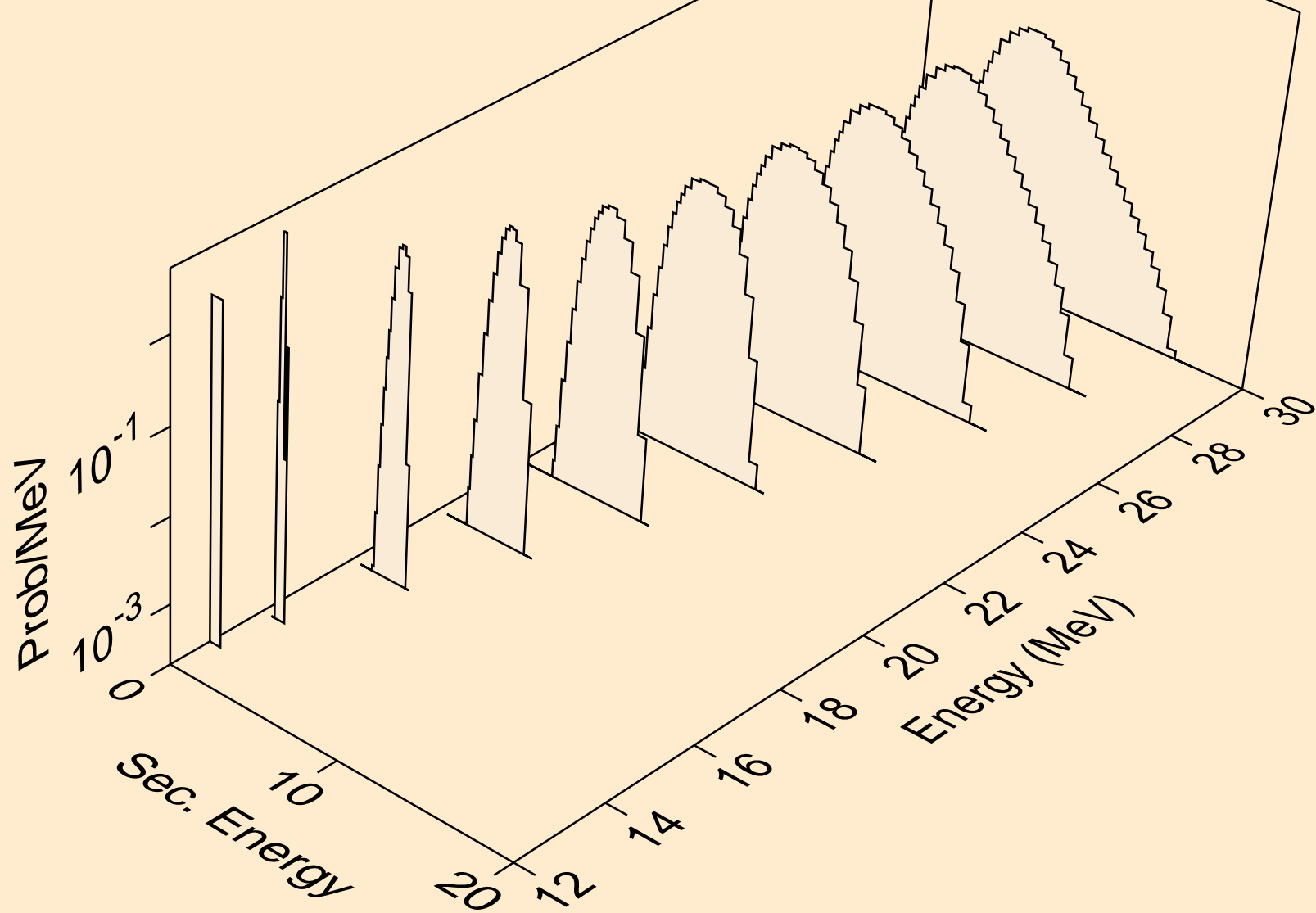
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



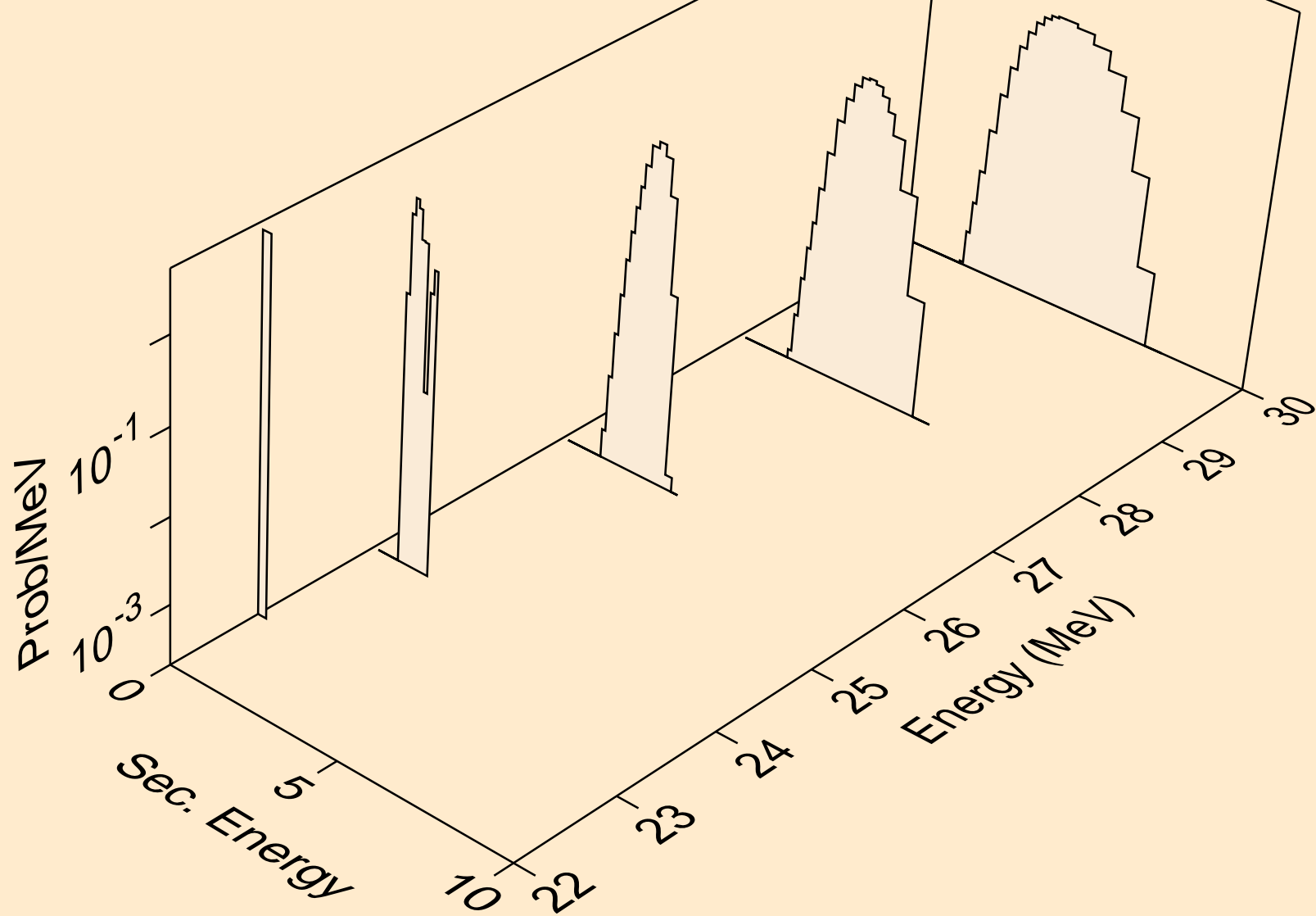
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



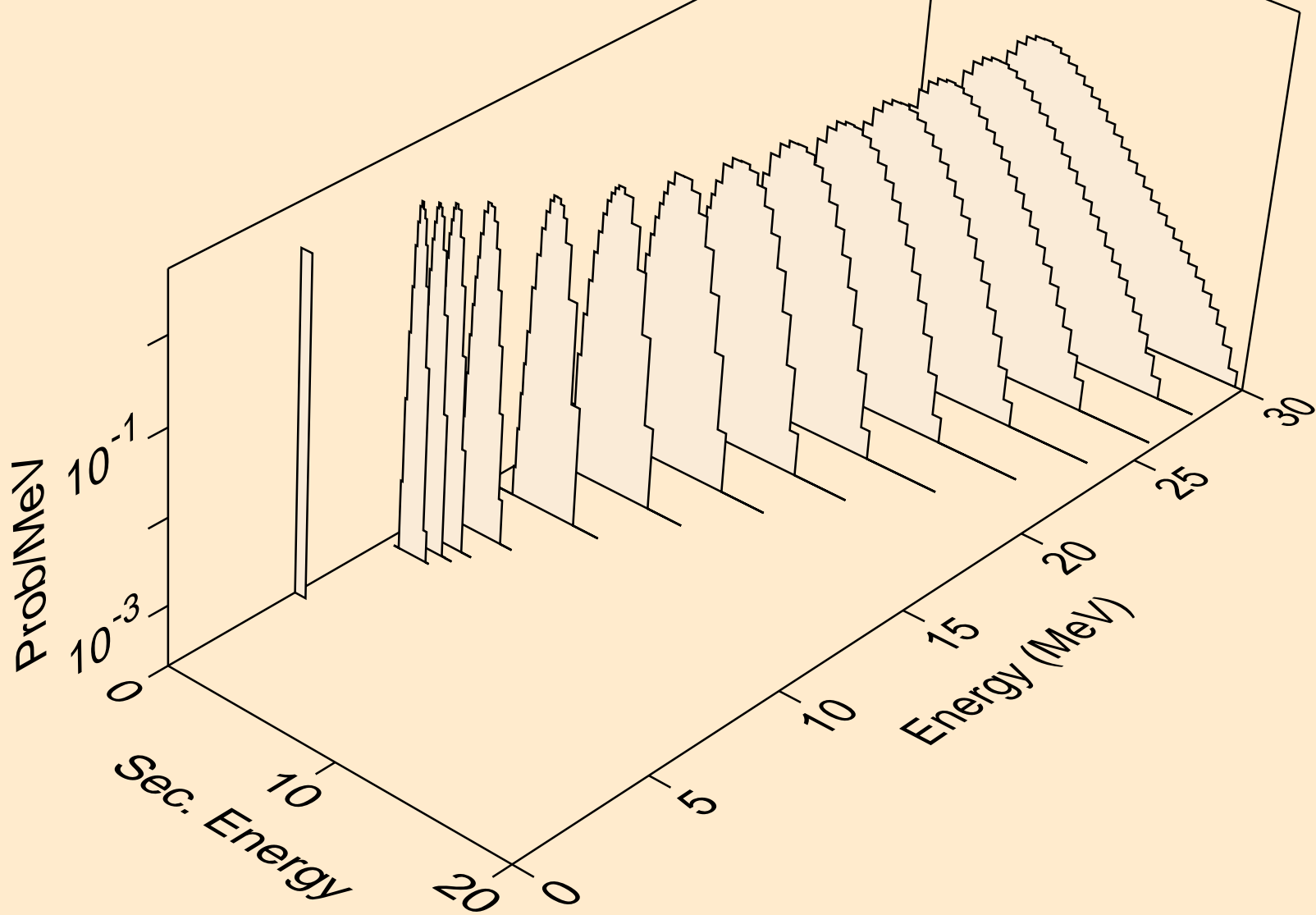
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



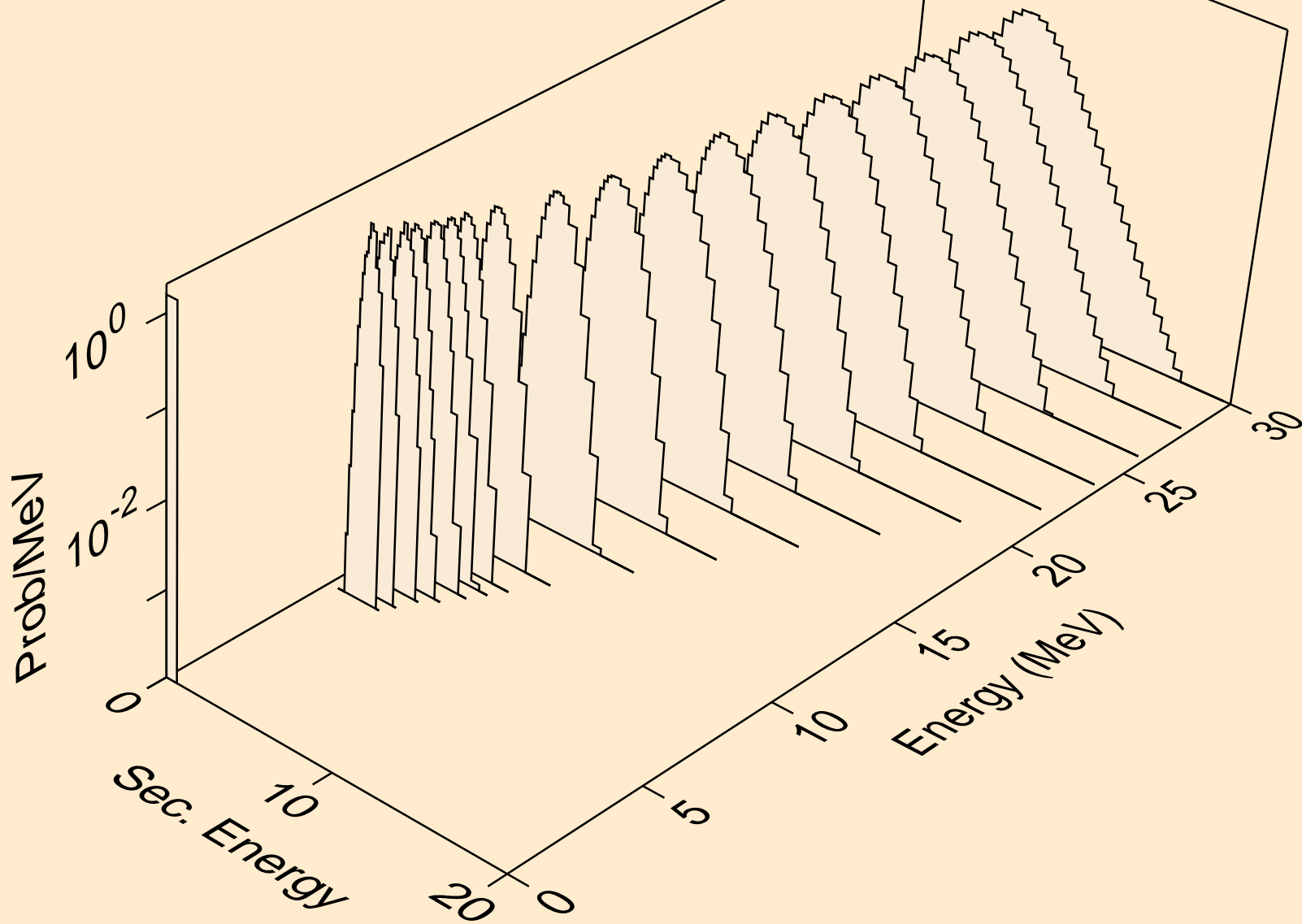
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

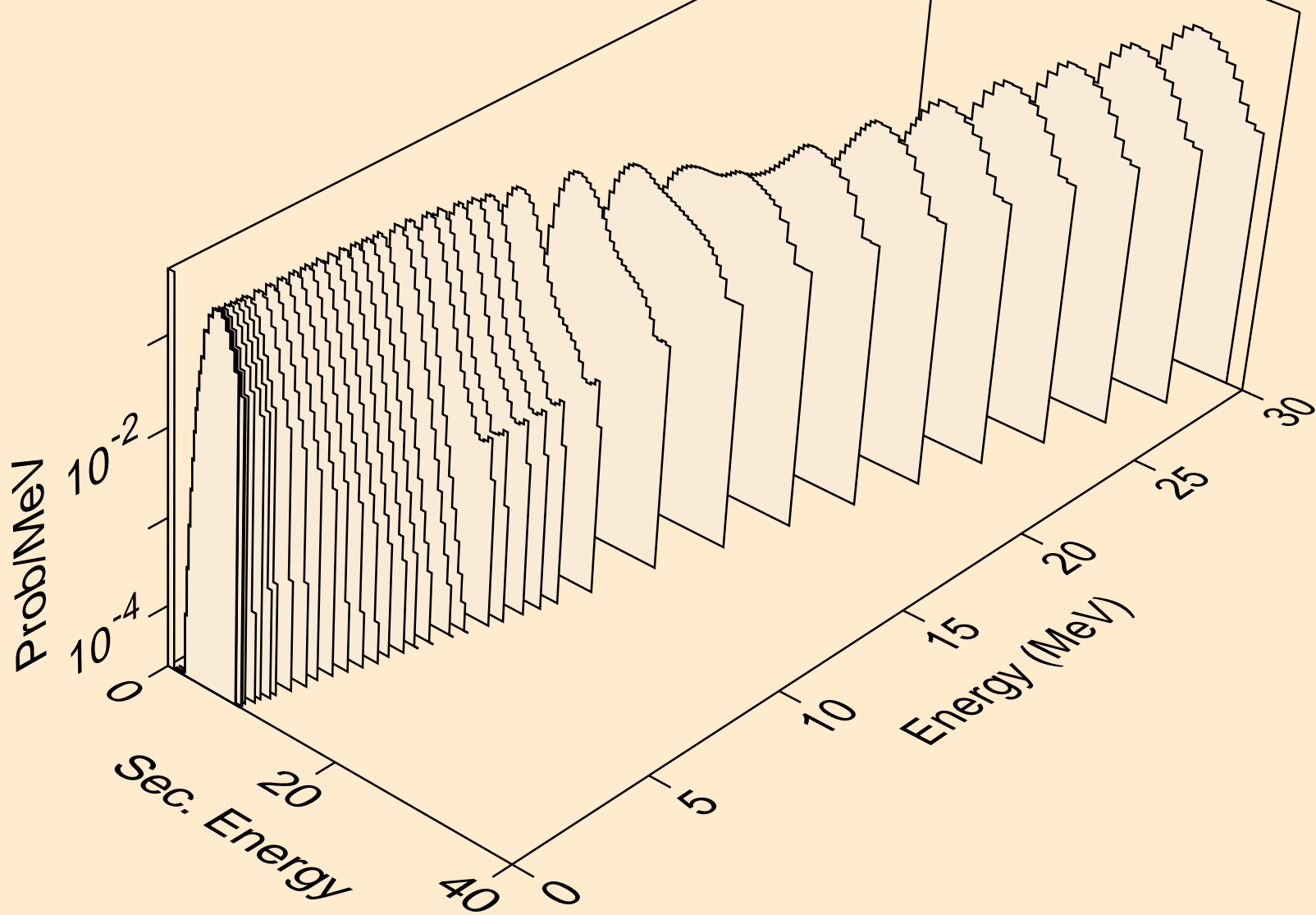


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)

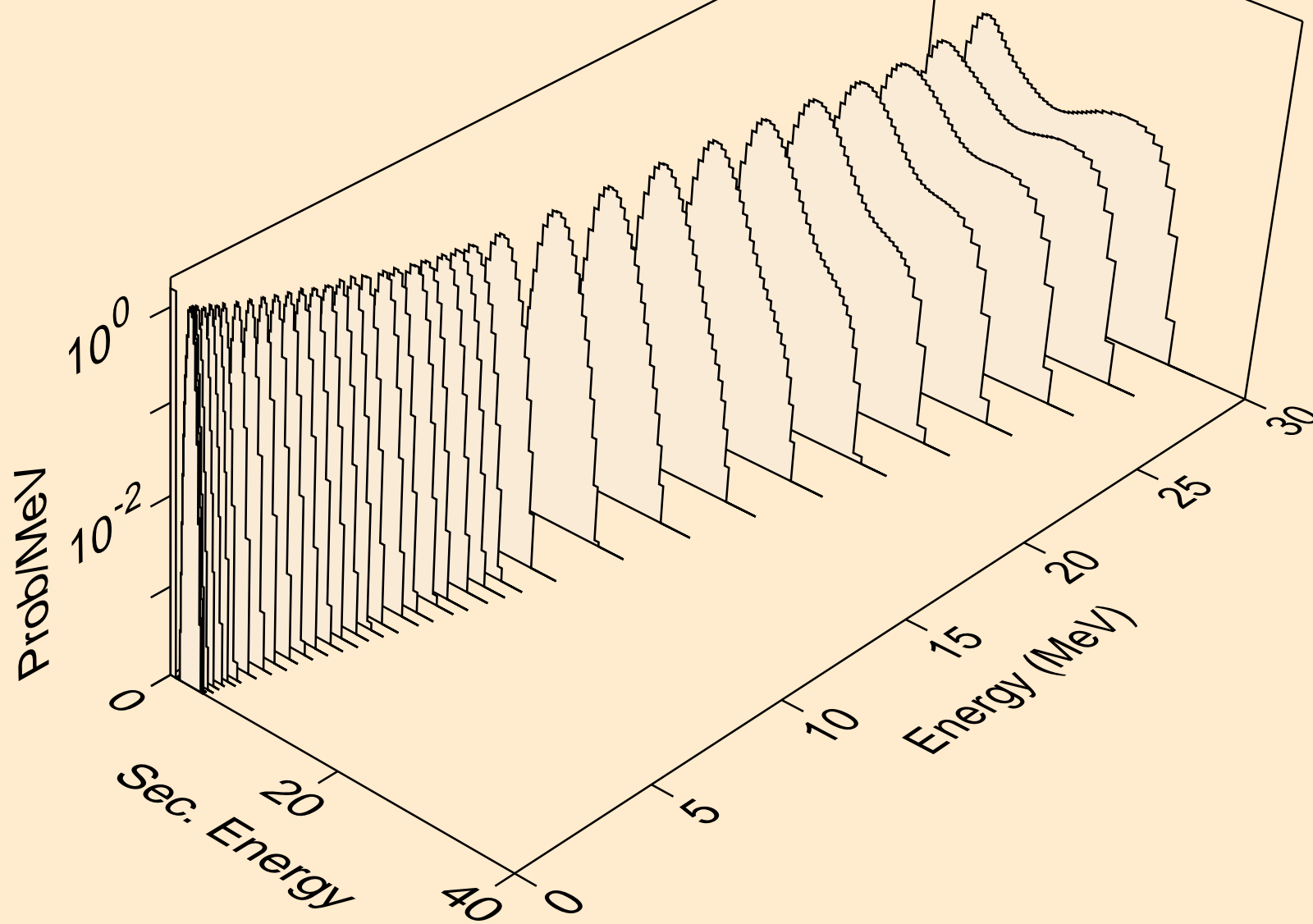




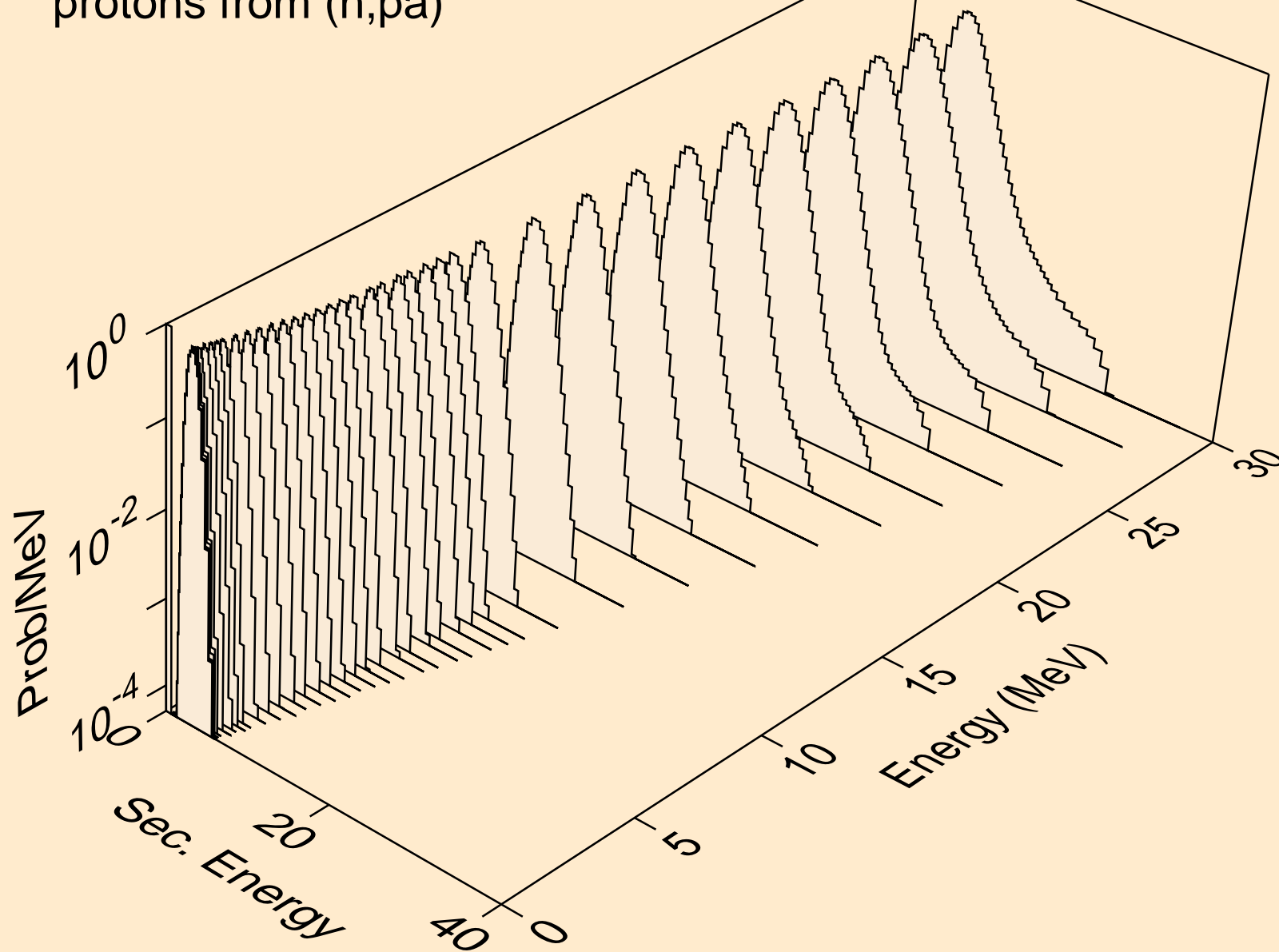
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



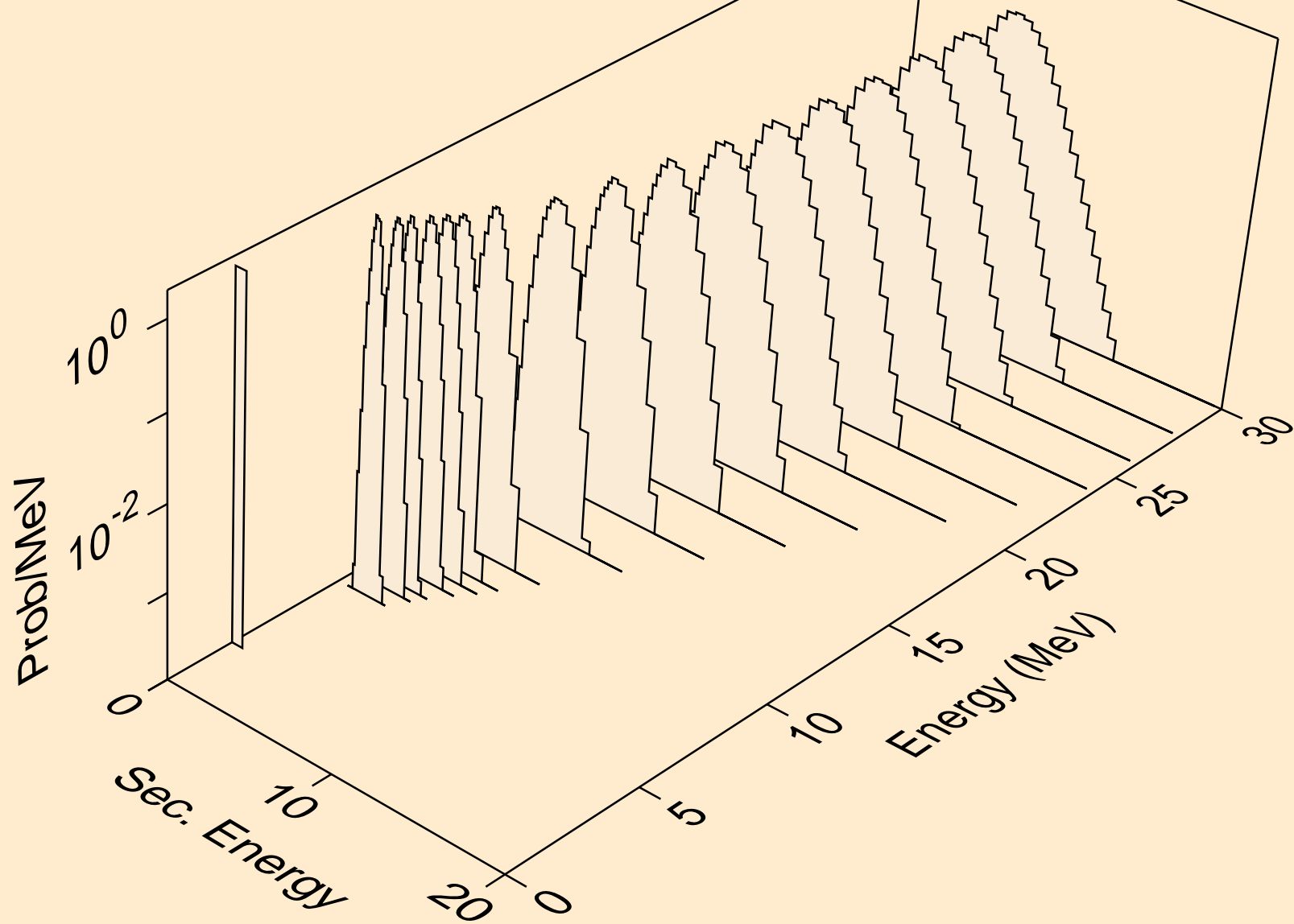
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



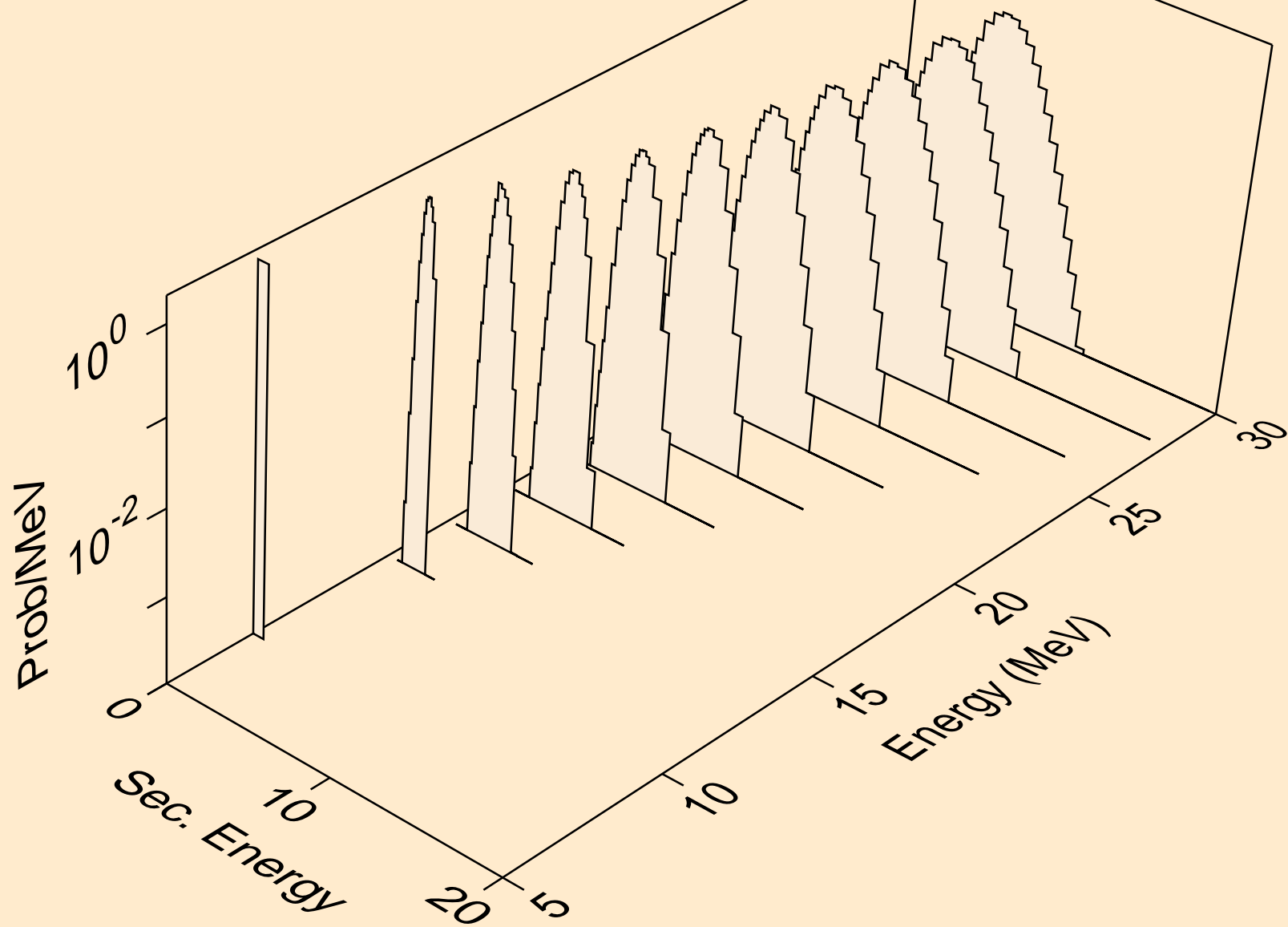
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



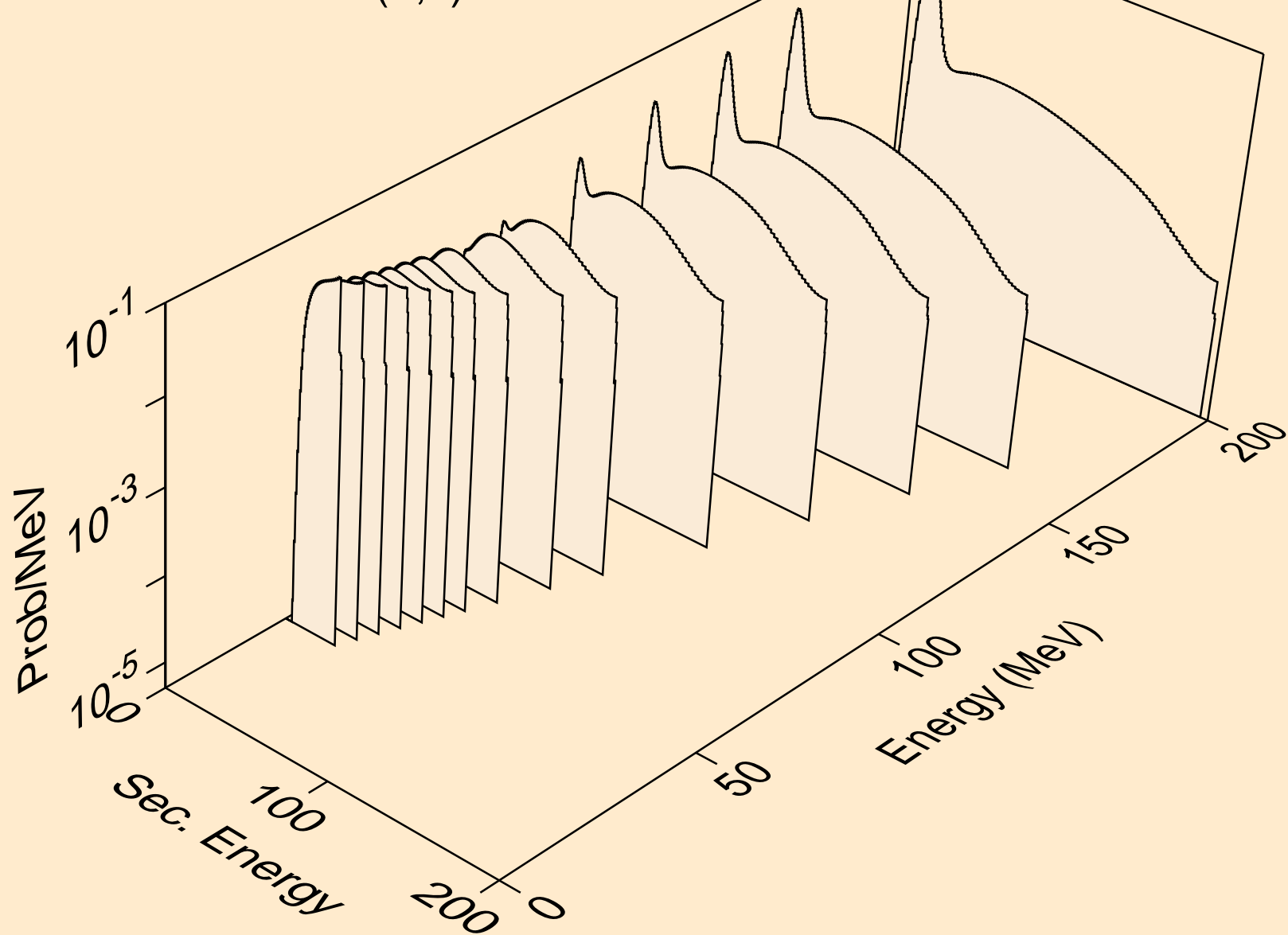
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



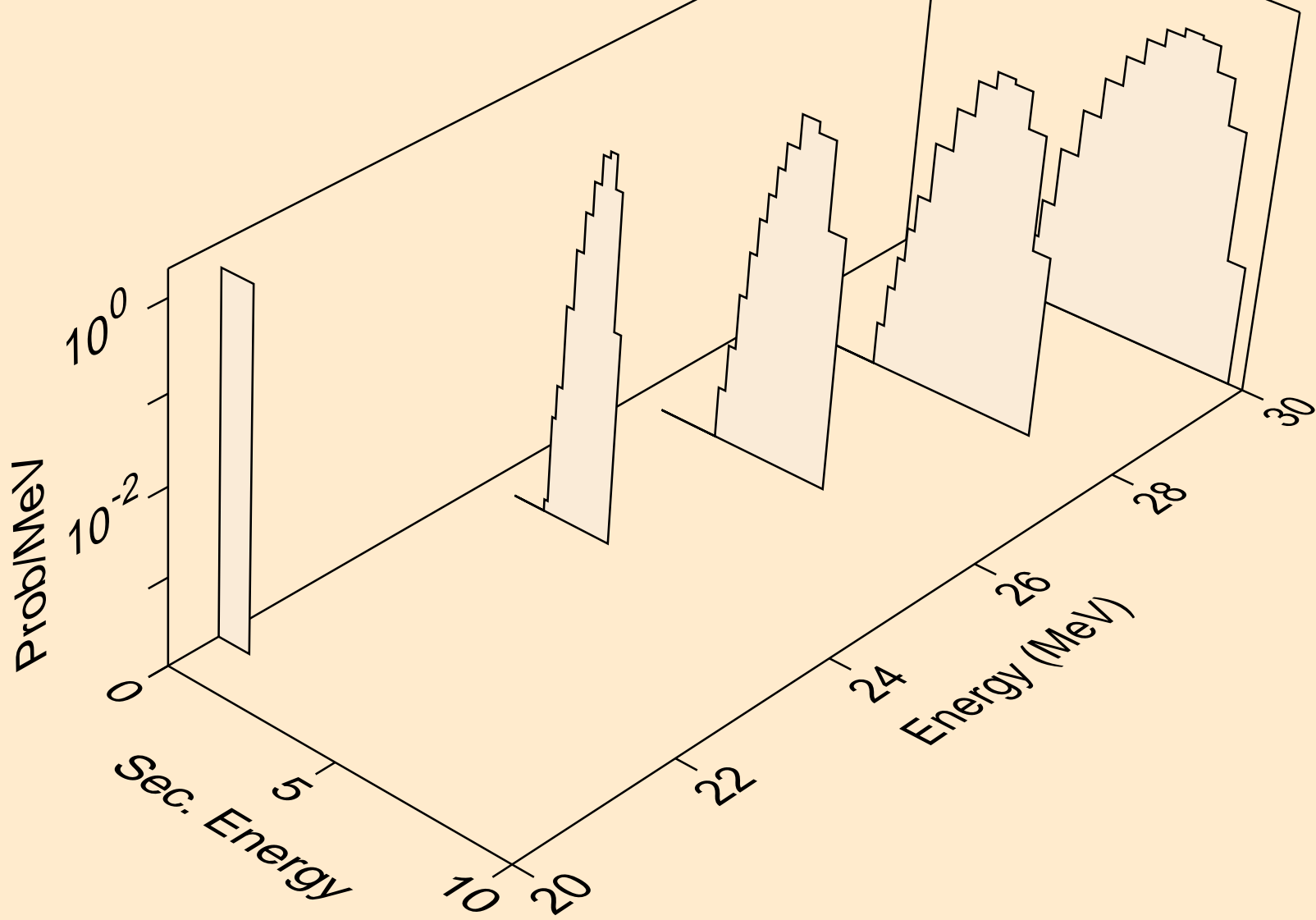
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)



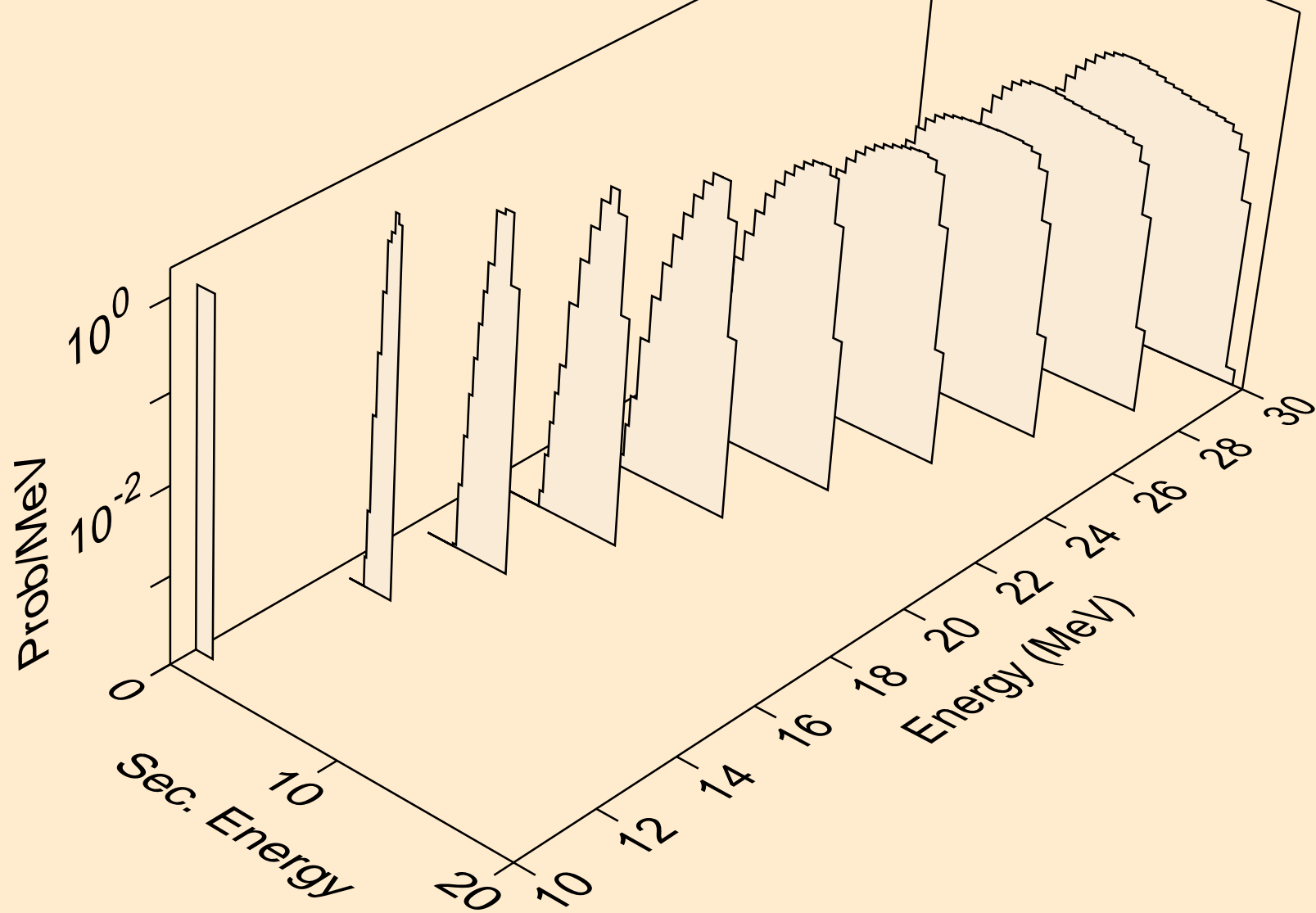
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

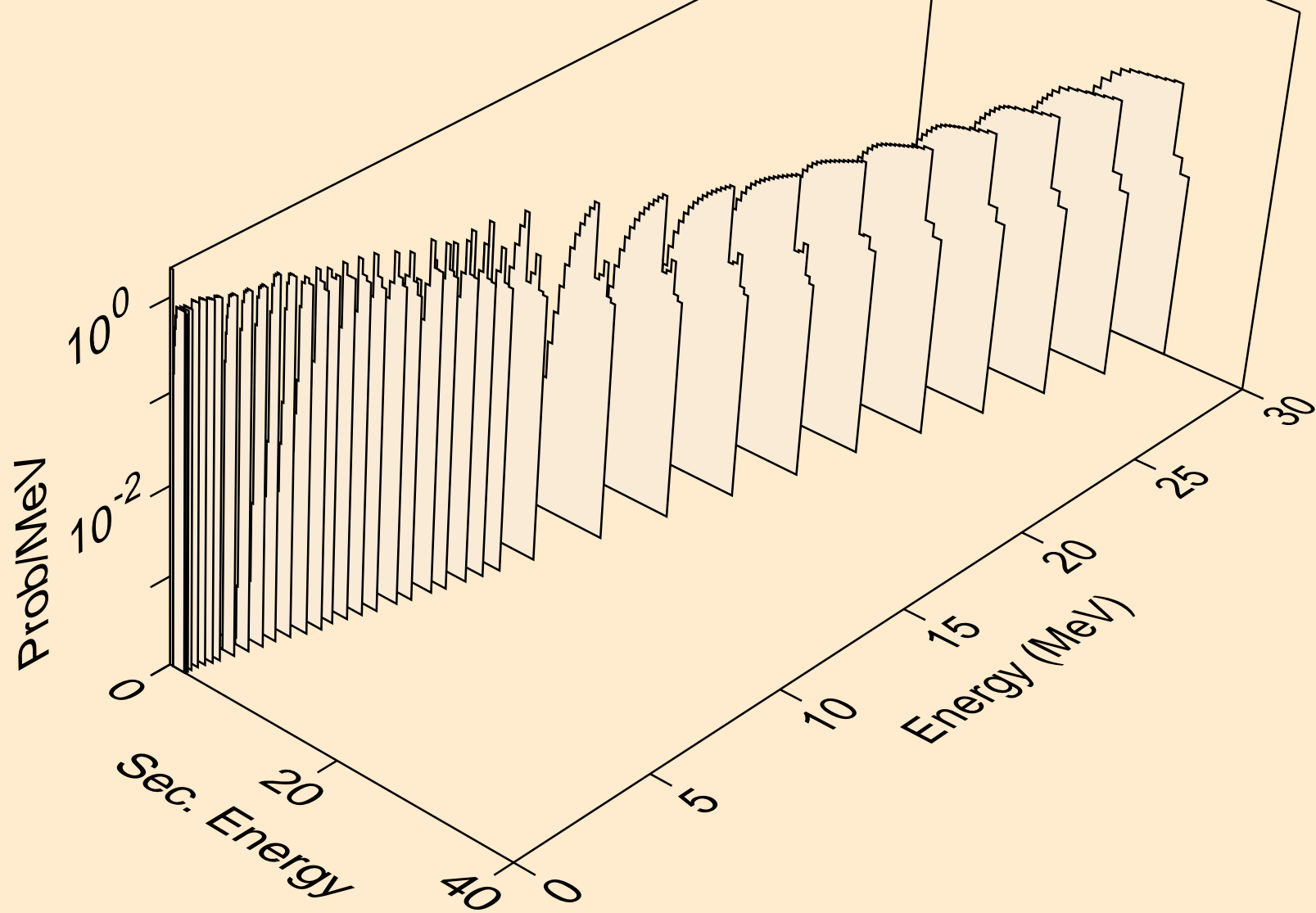


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

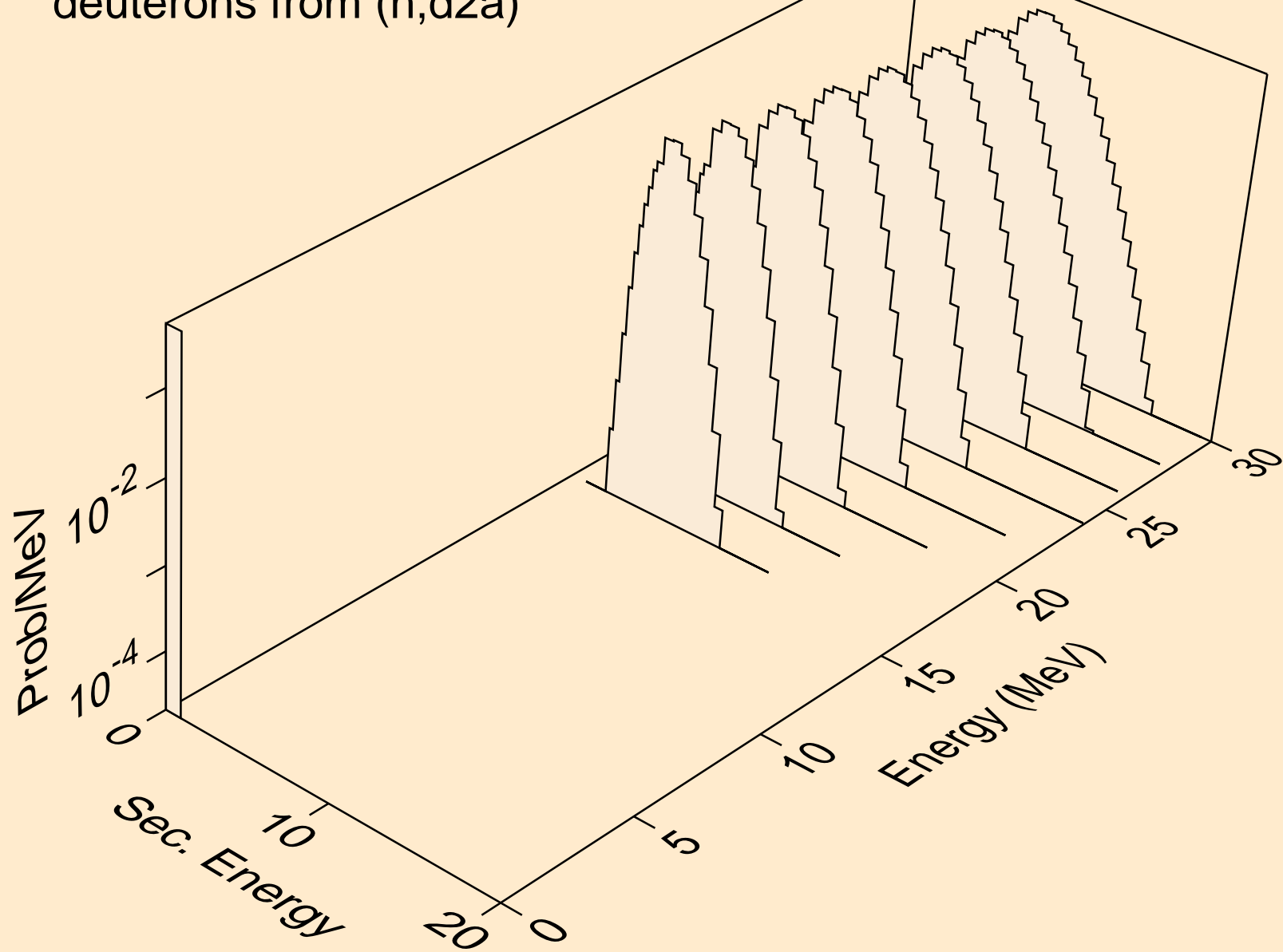




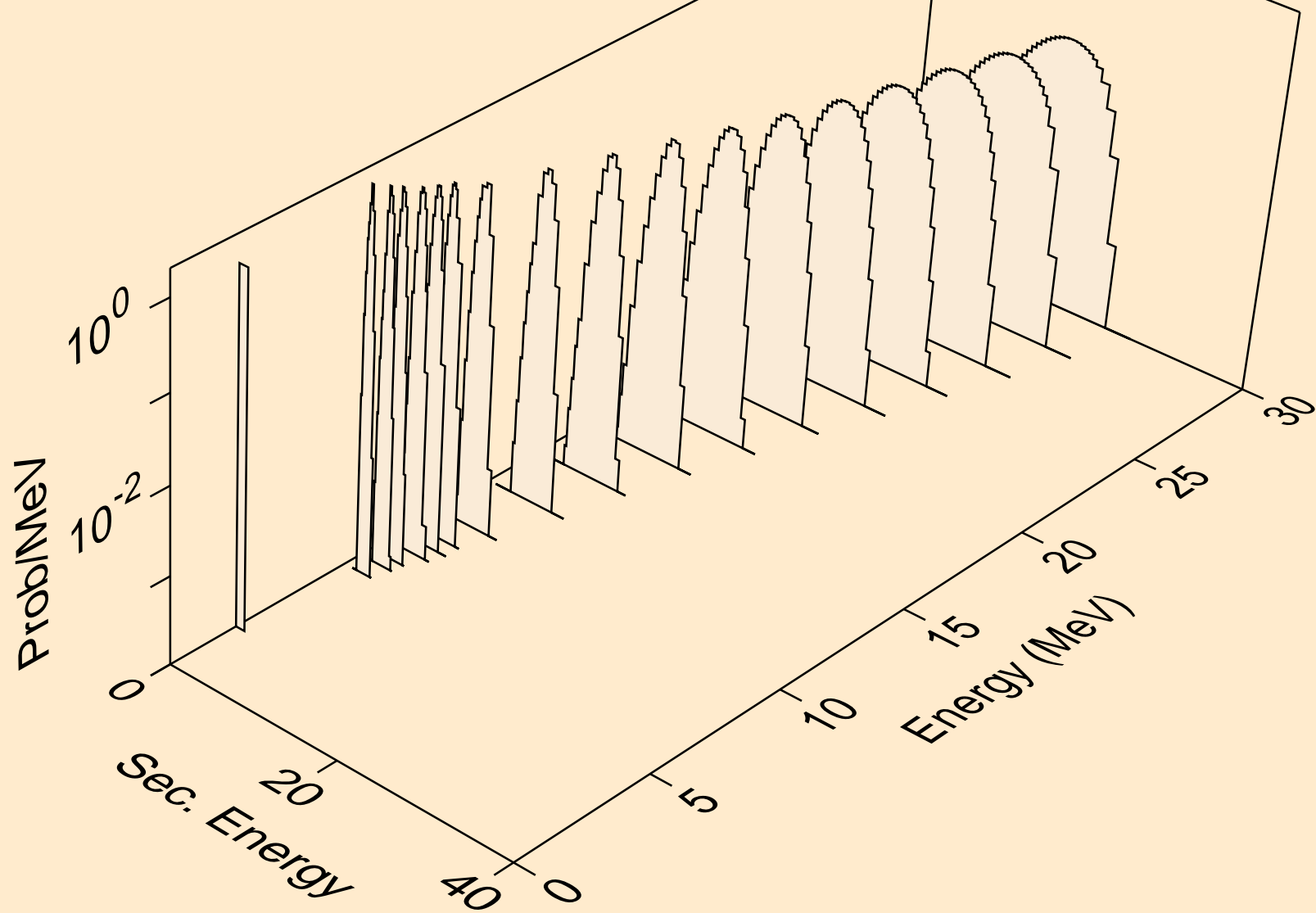
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



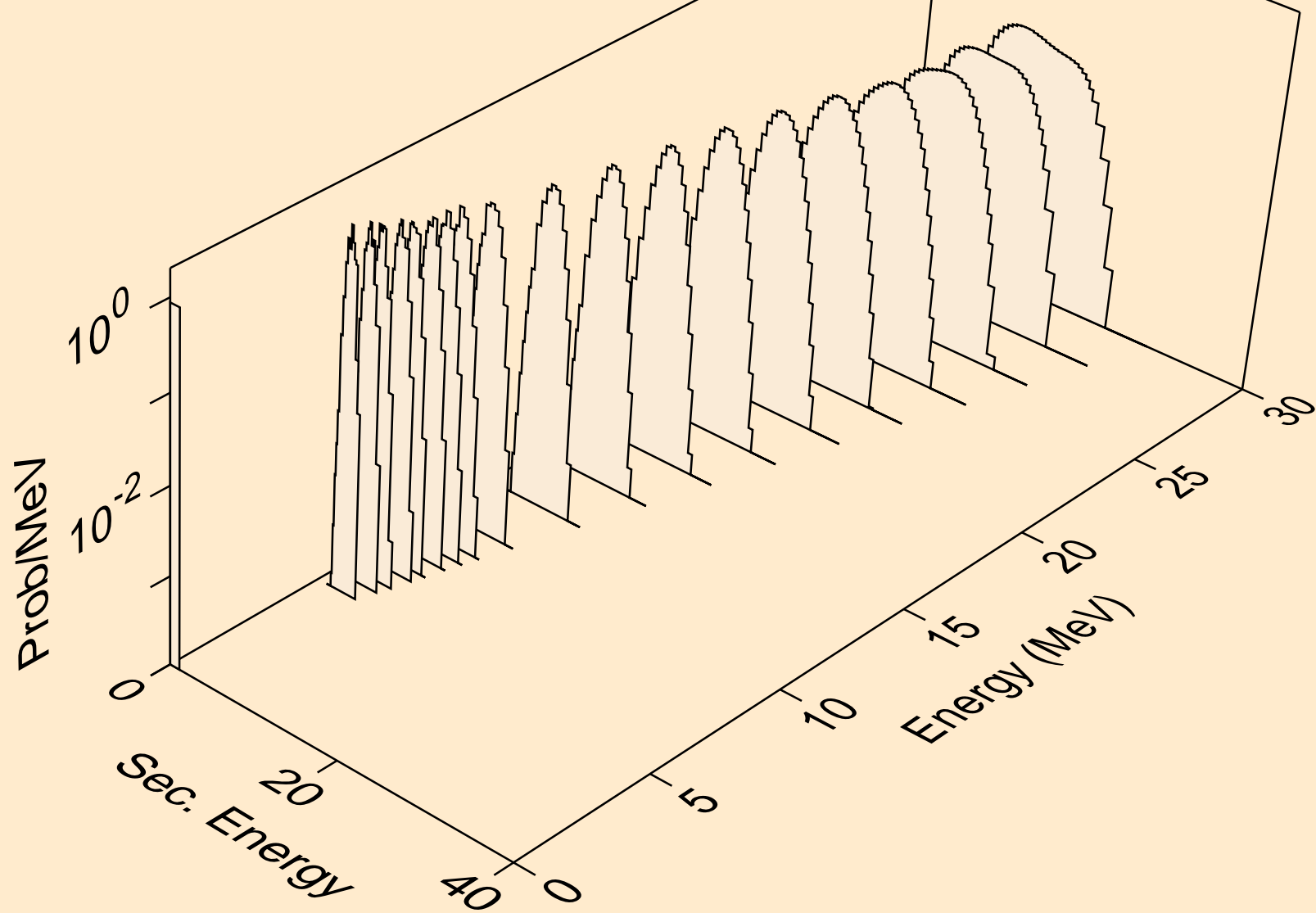
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d2a)



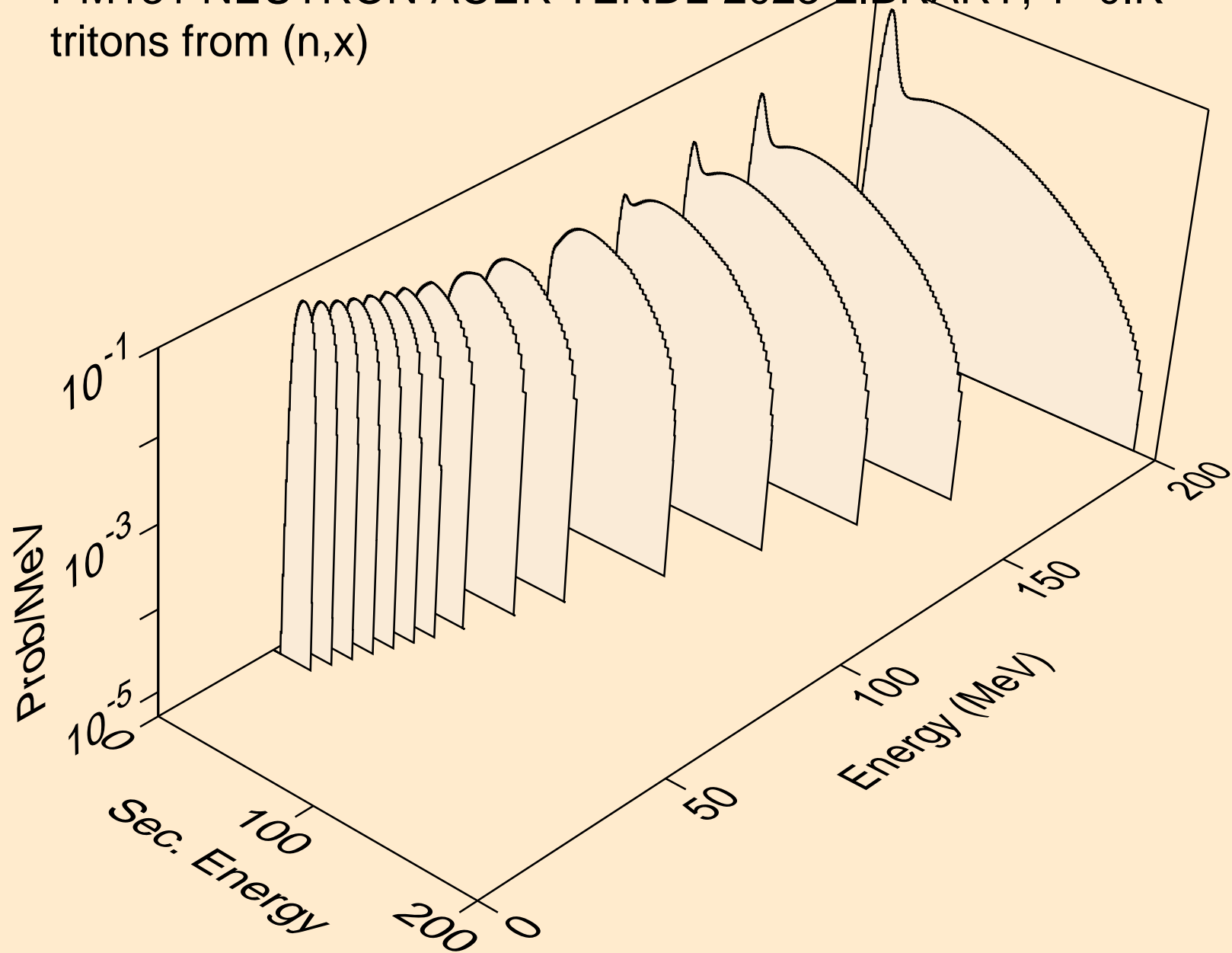
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



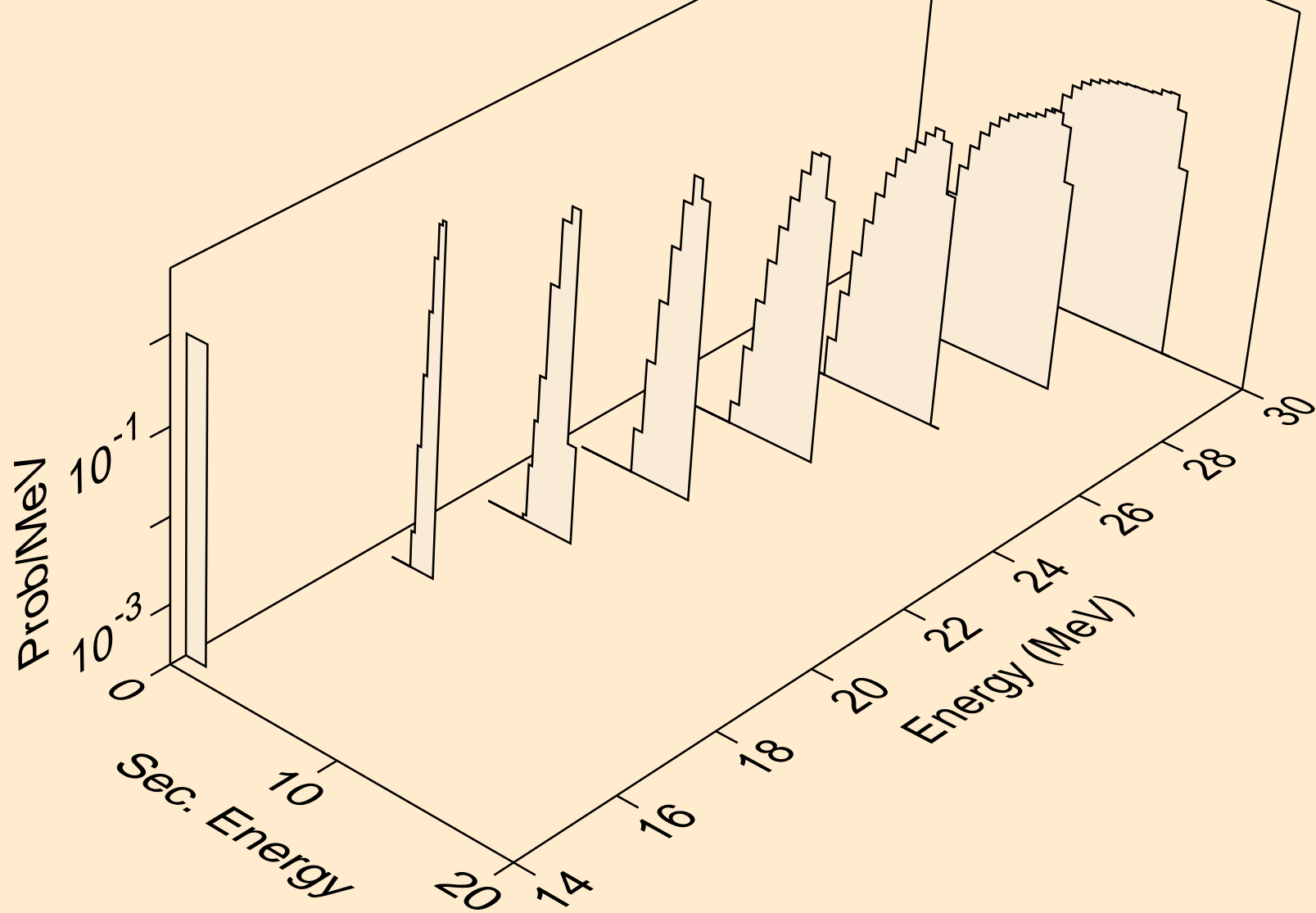
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



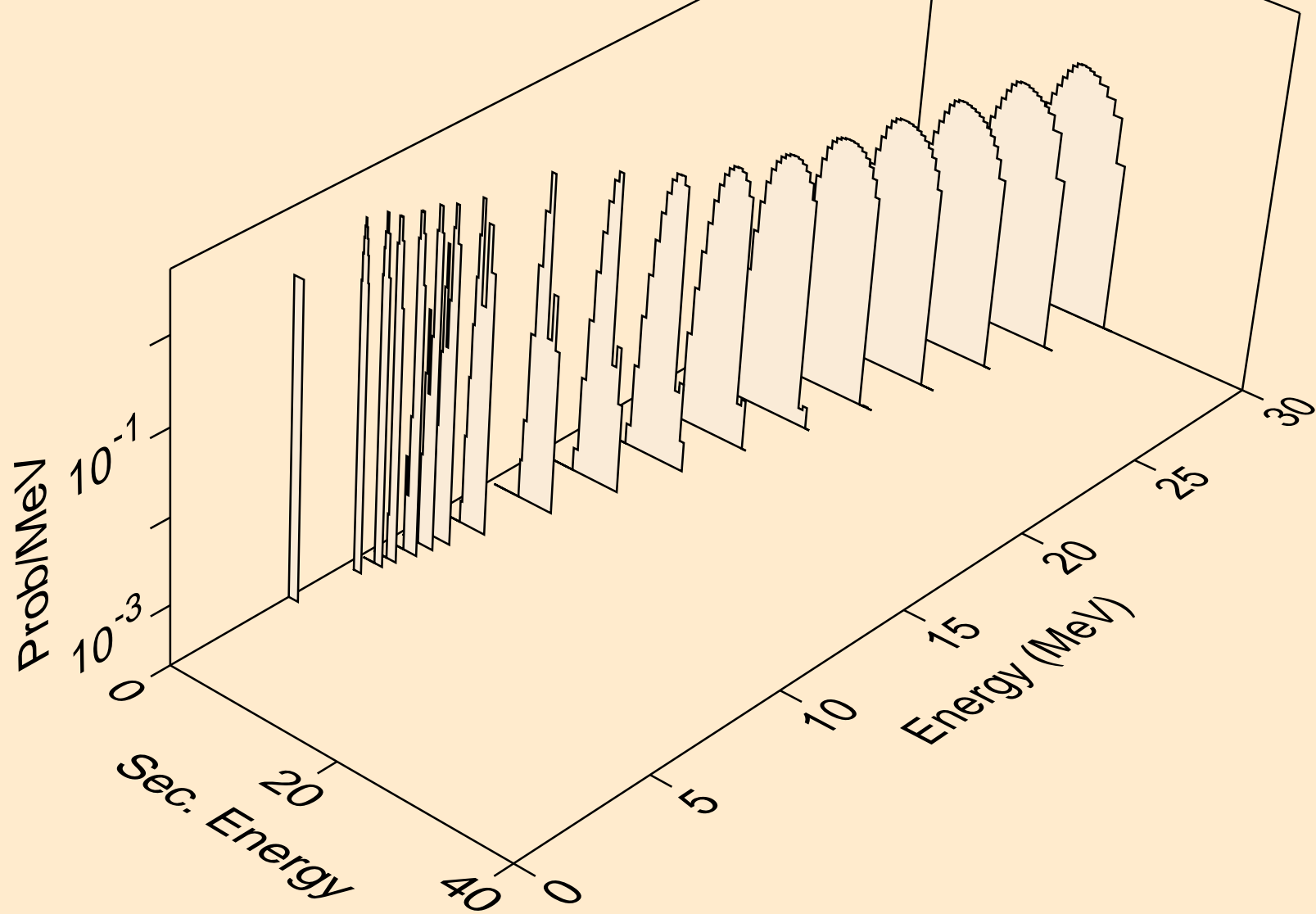
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



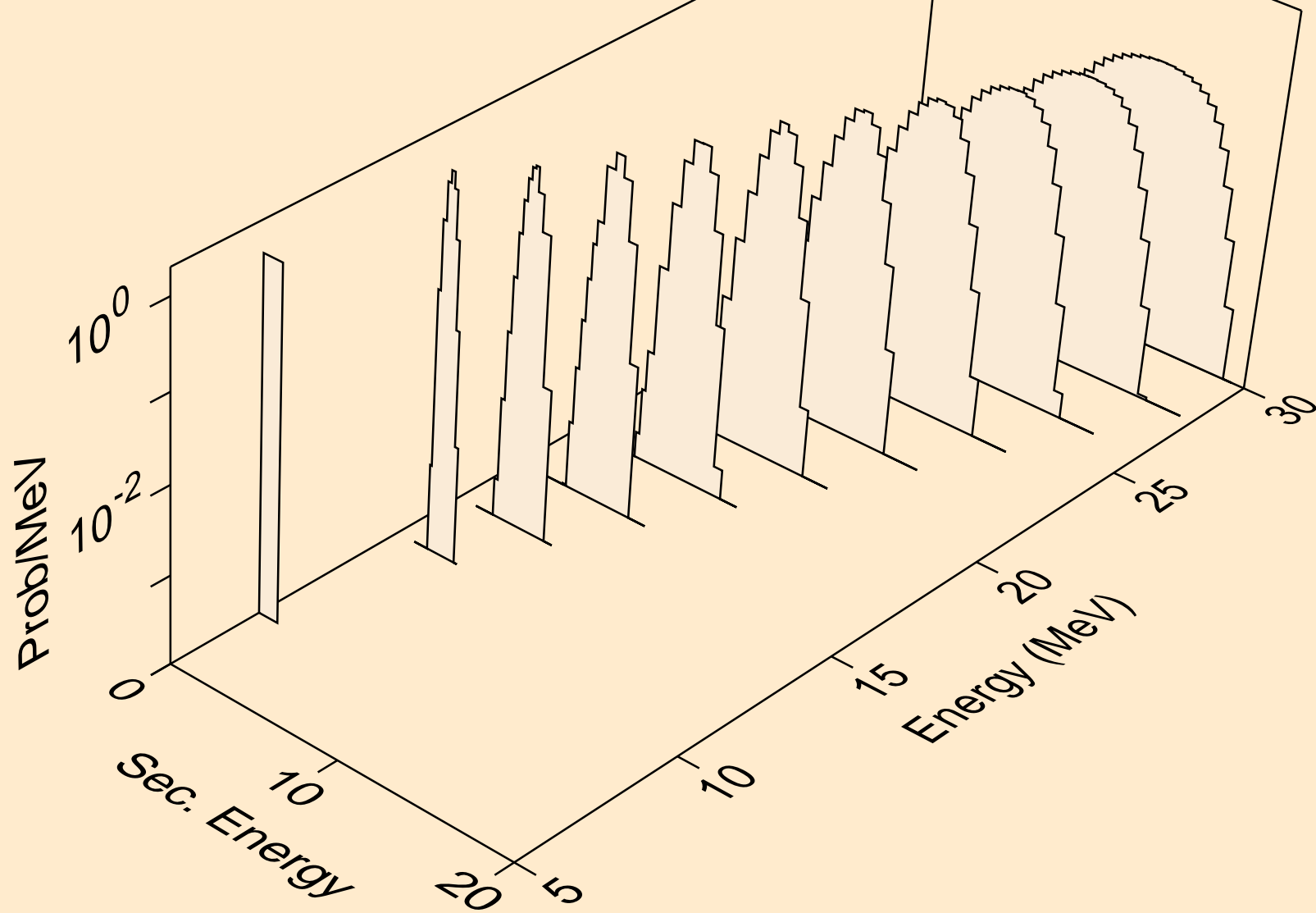
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

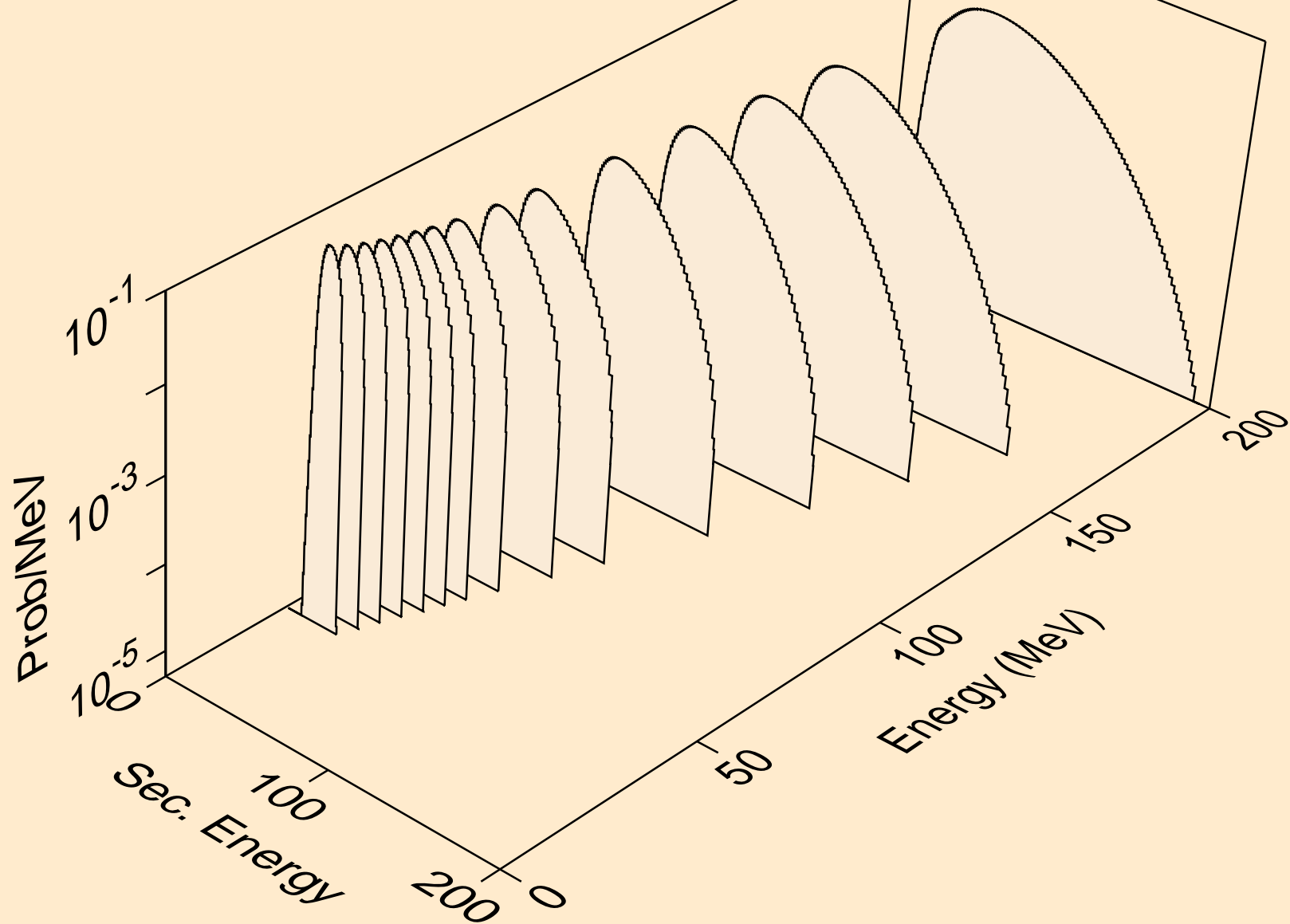


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

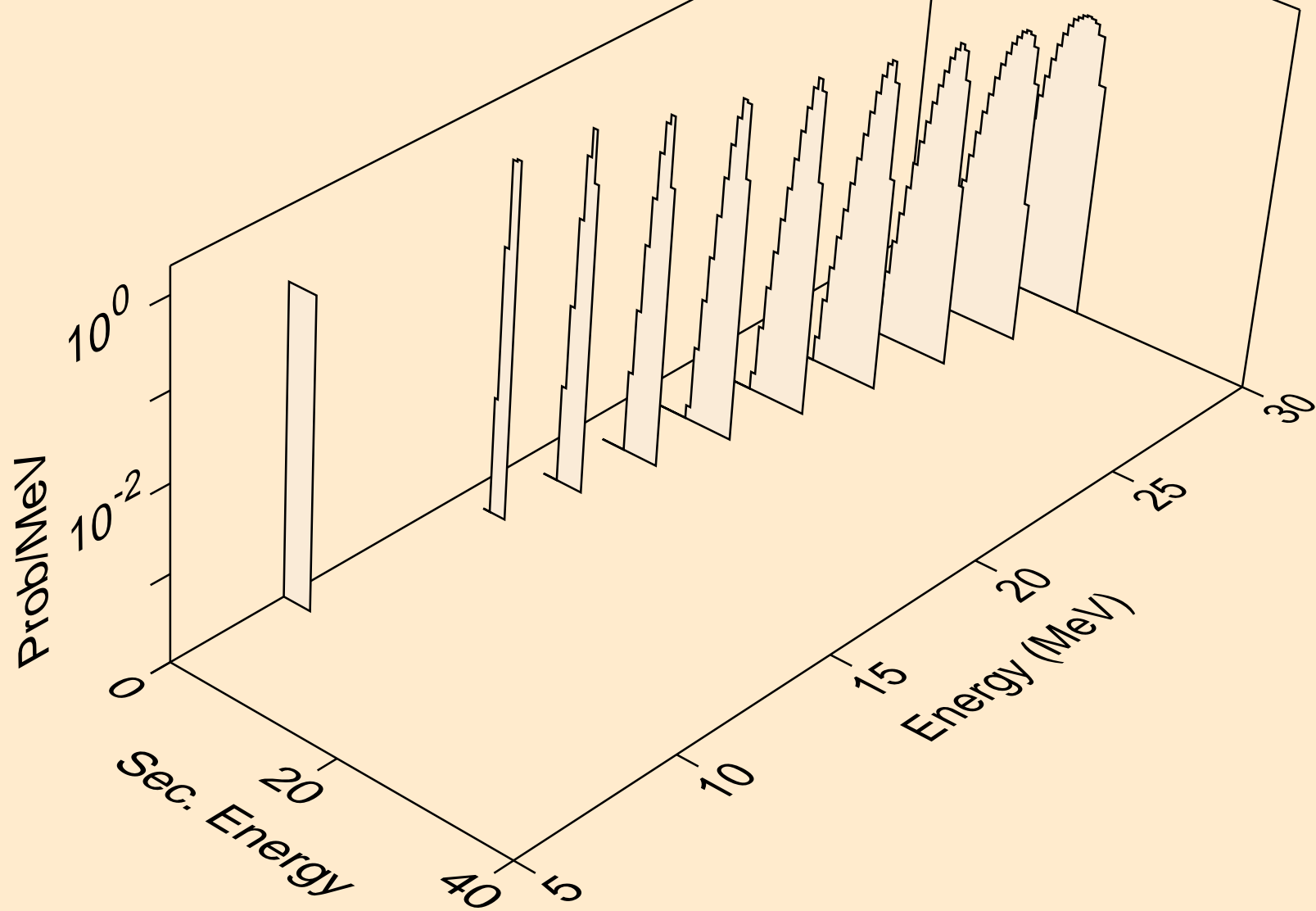




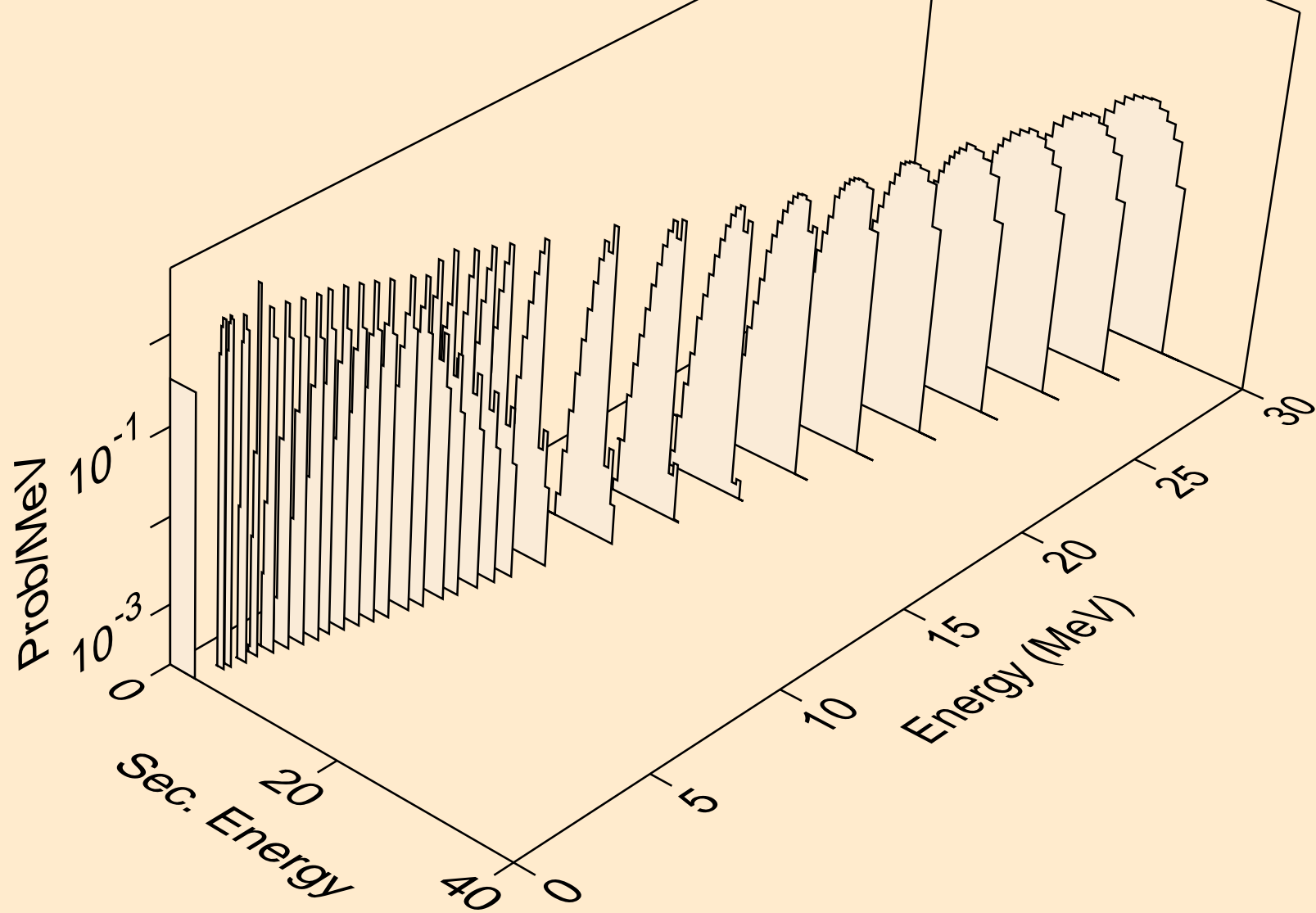
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



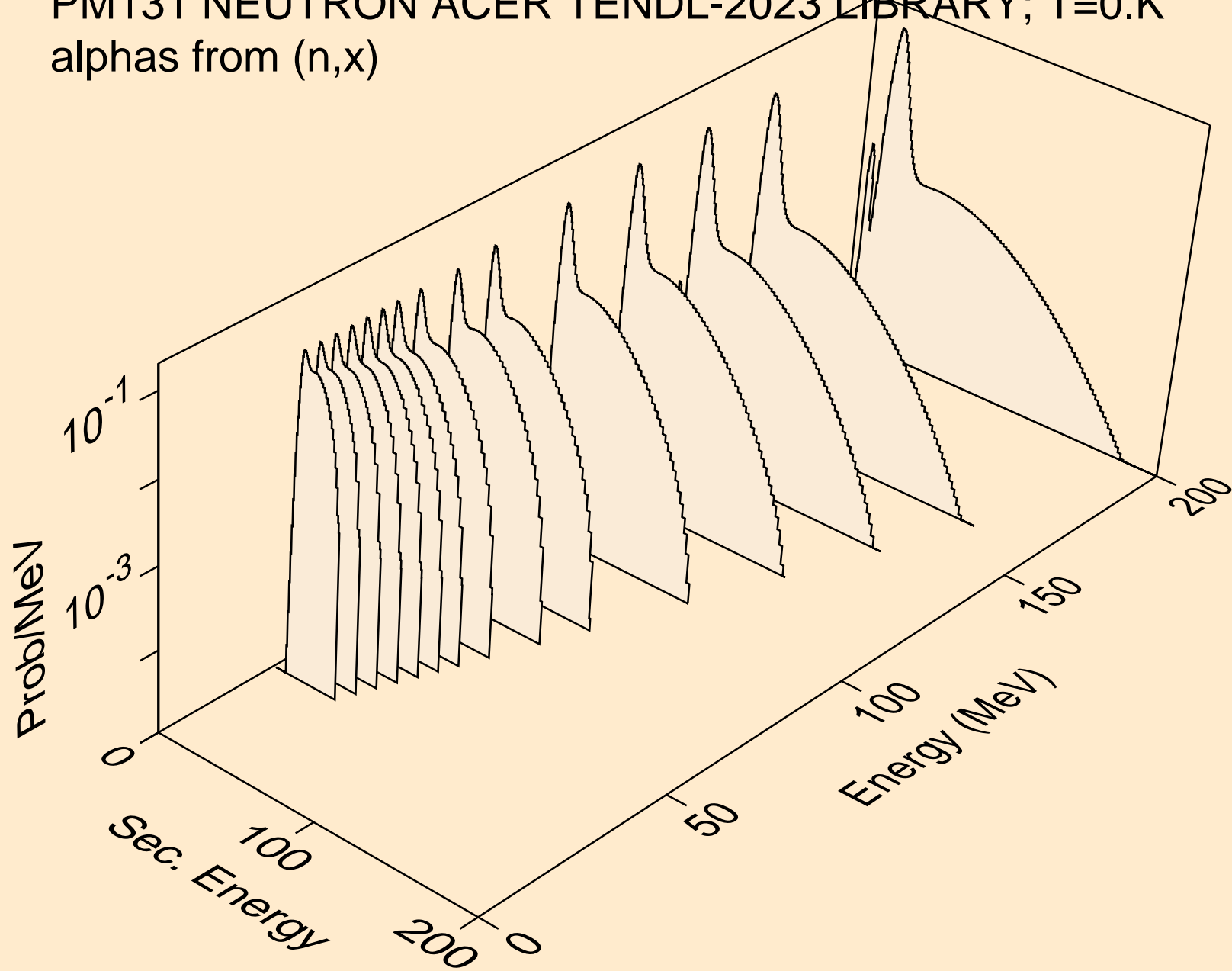
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



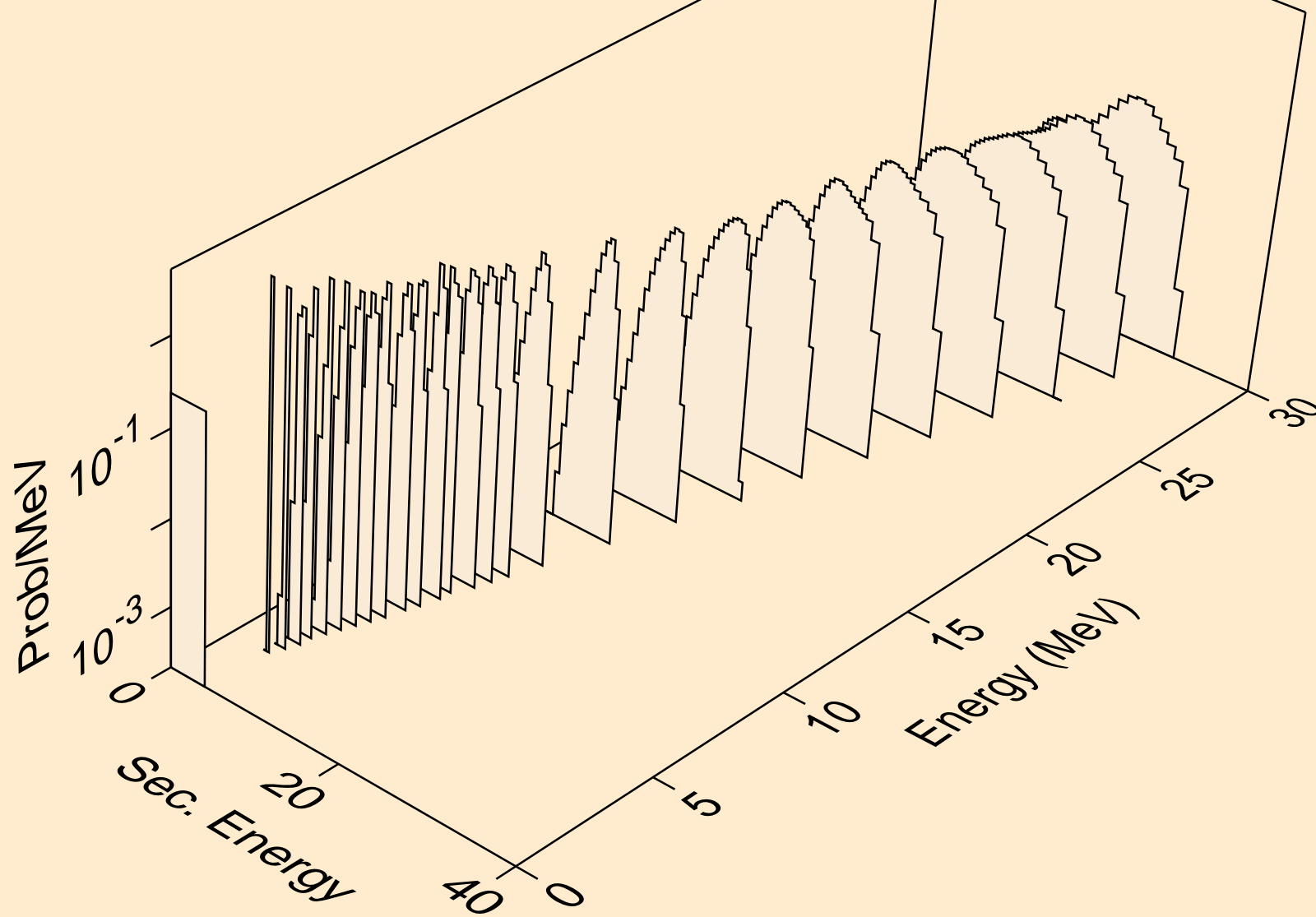
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



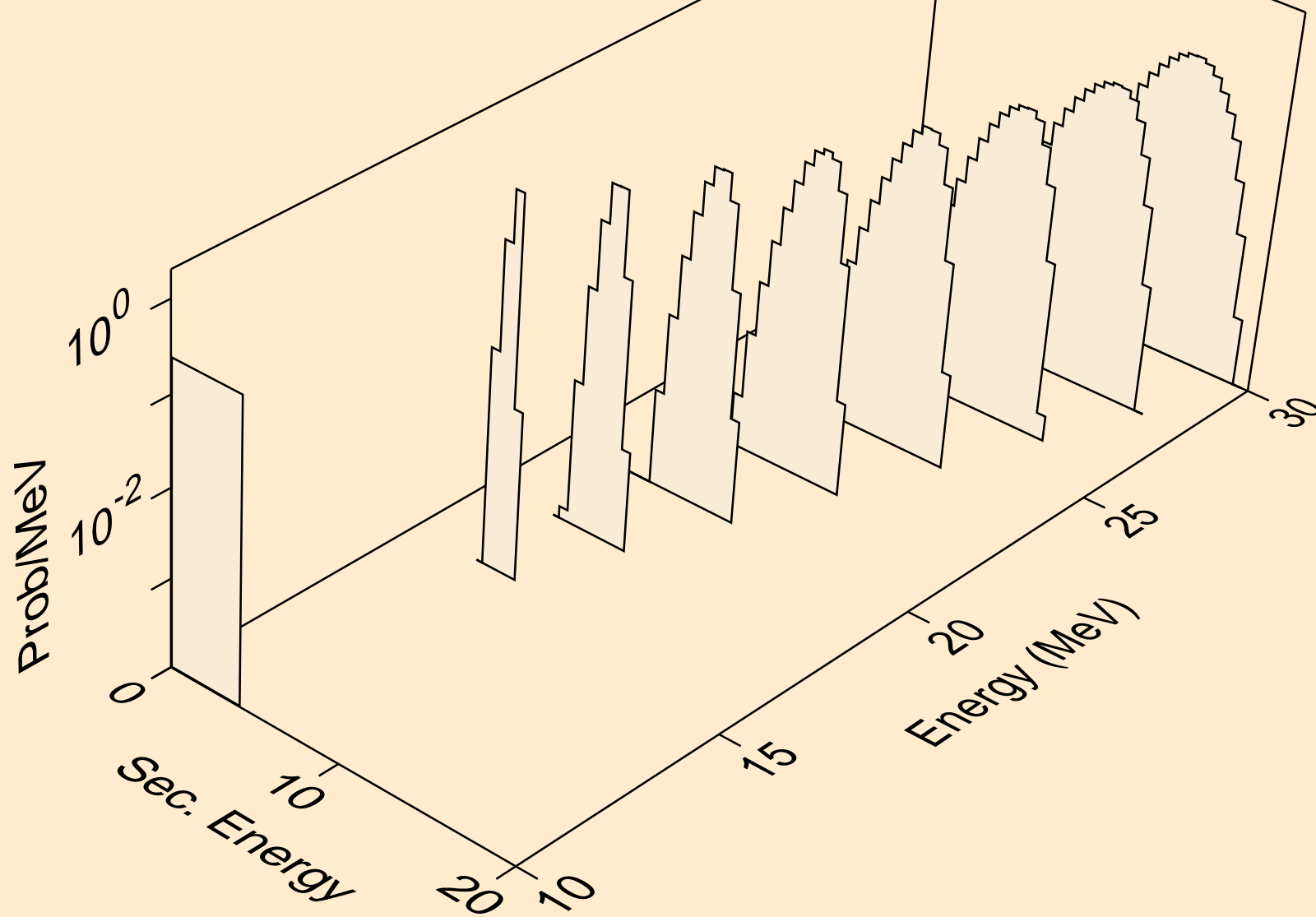
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



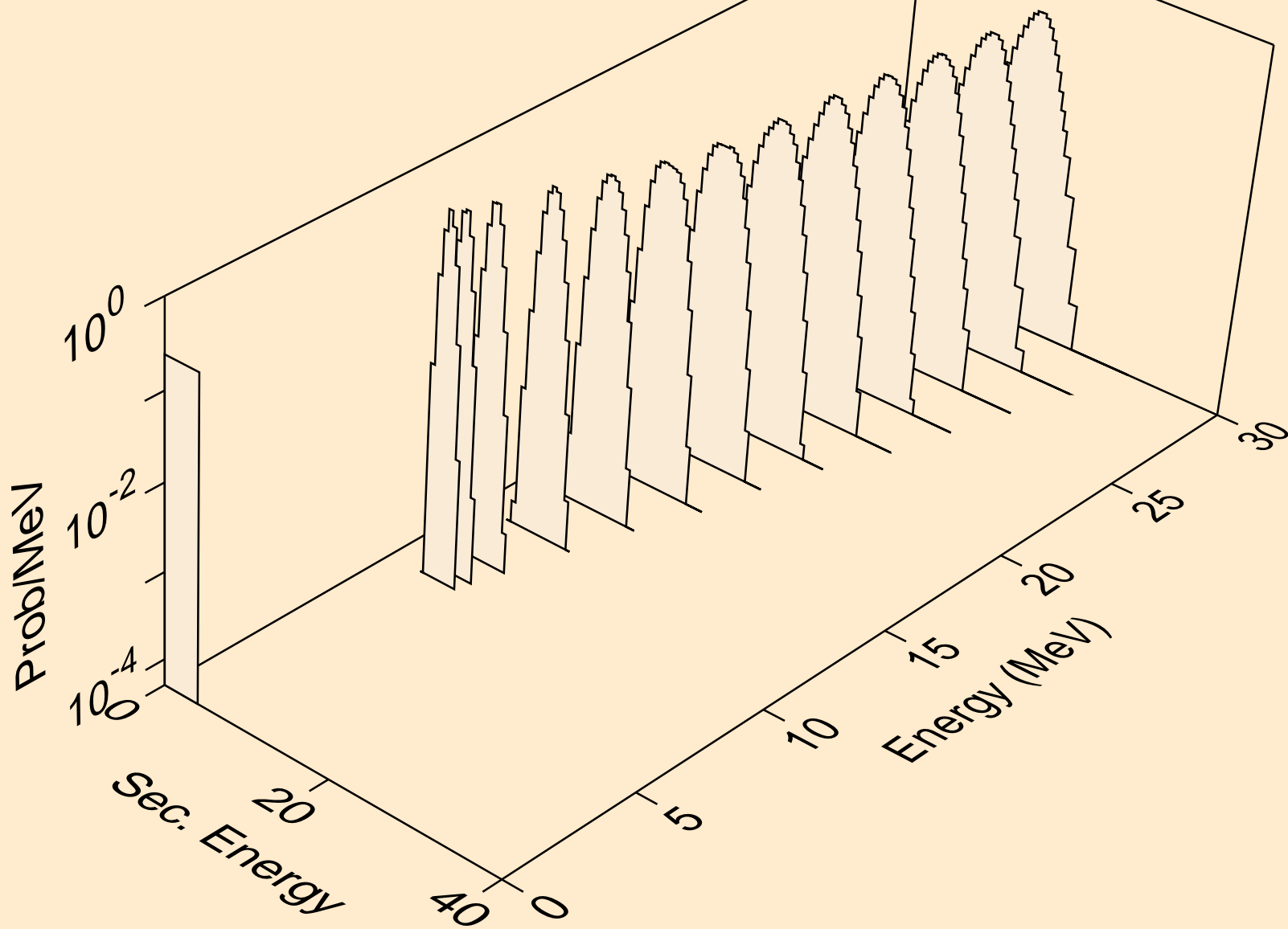
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



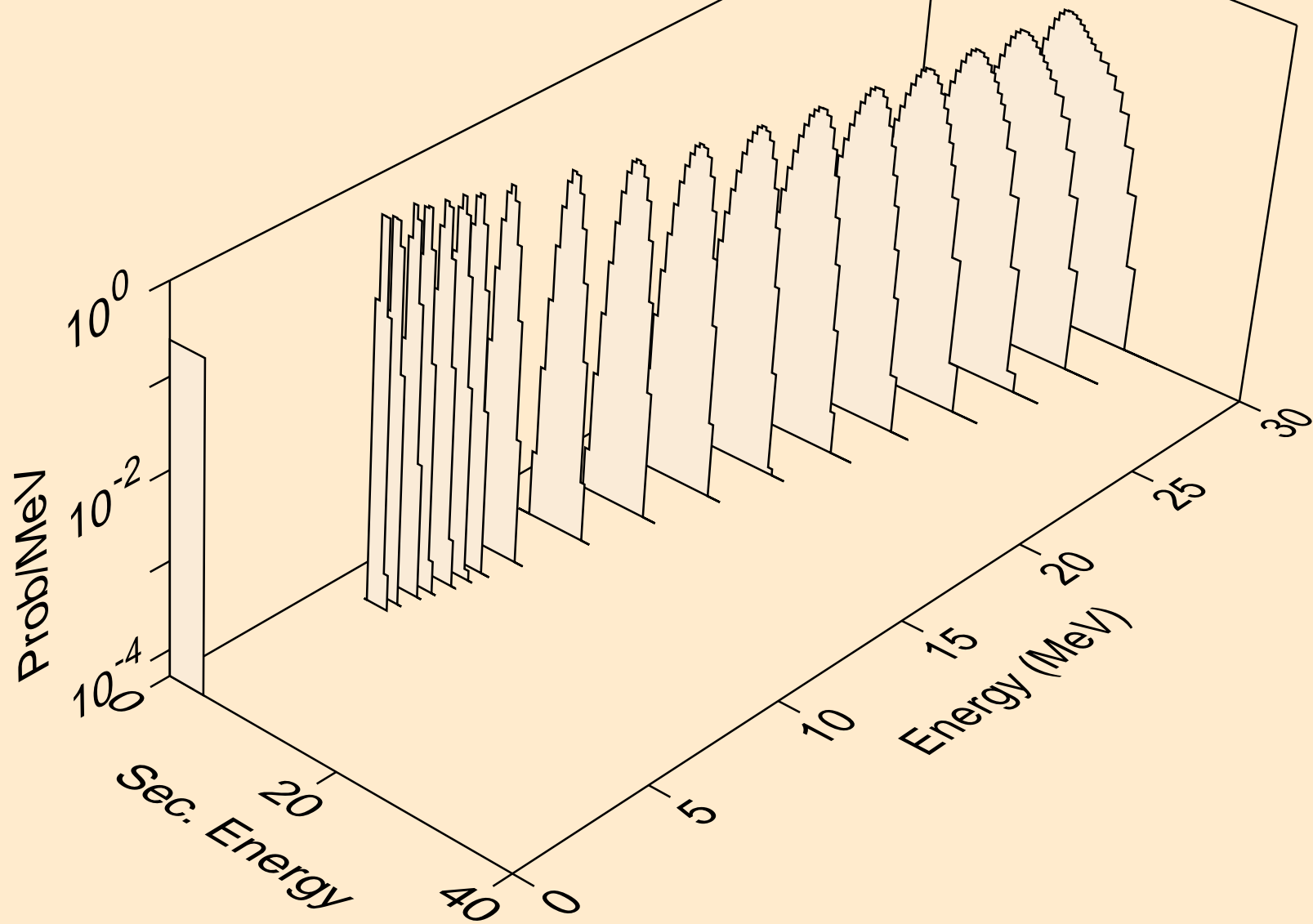
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

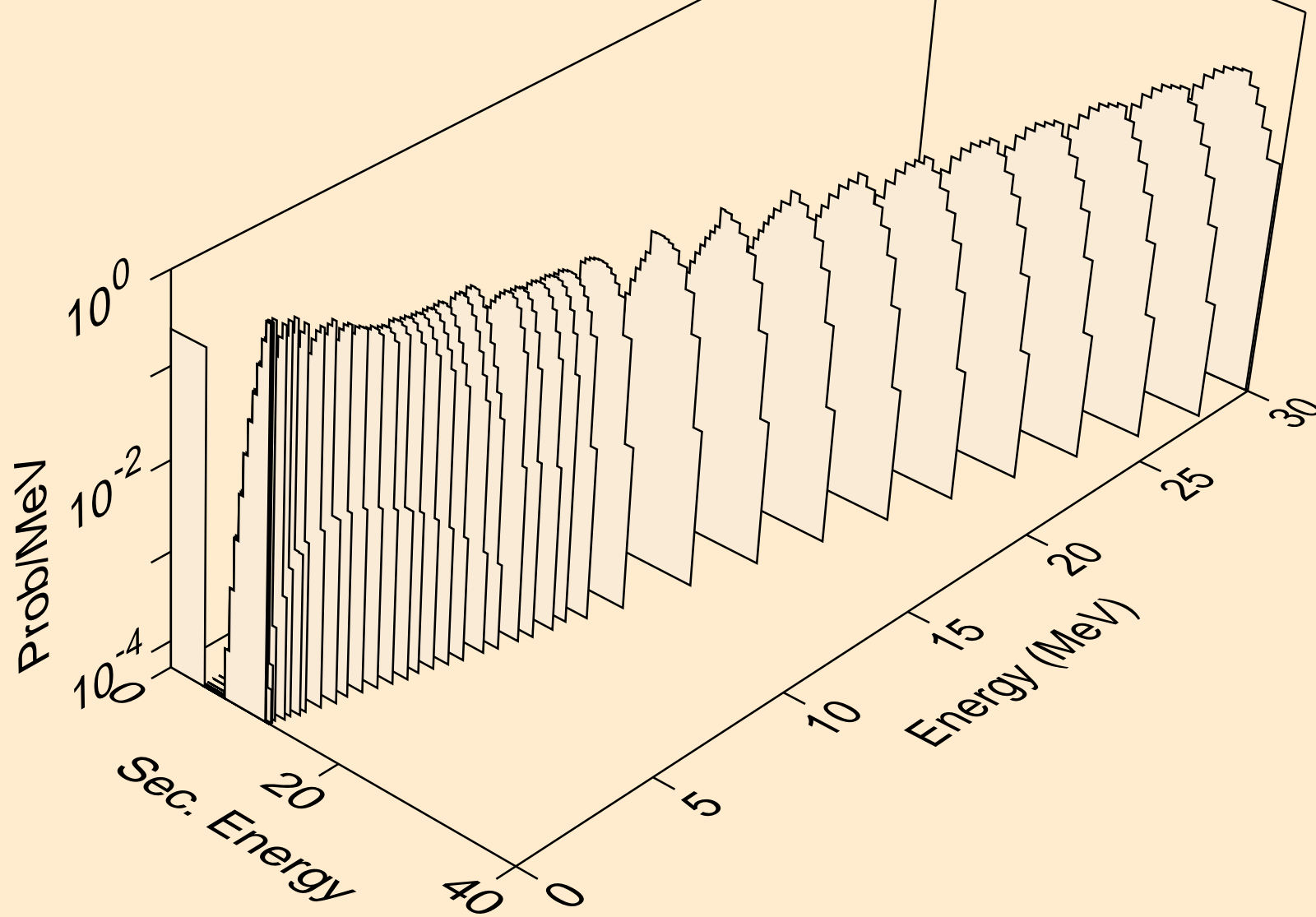


PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

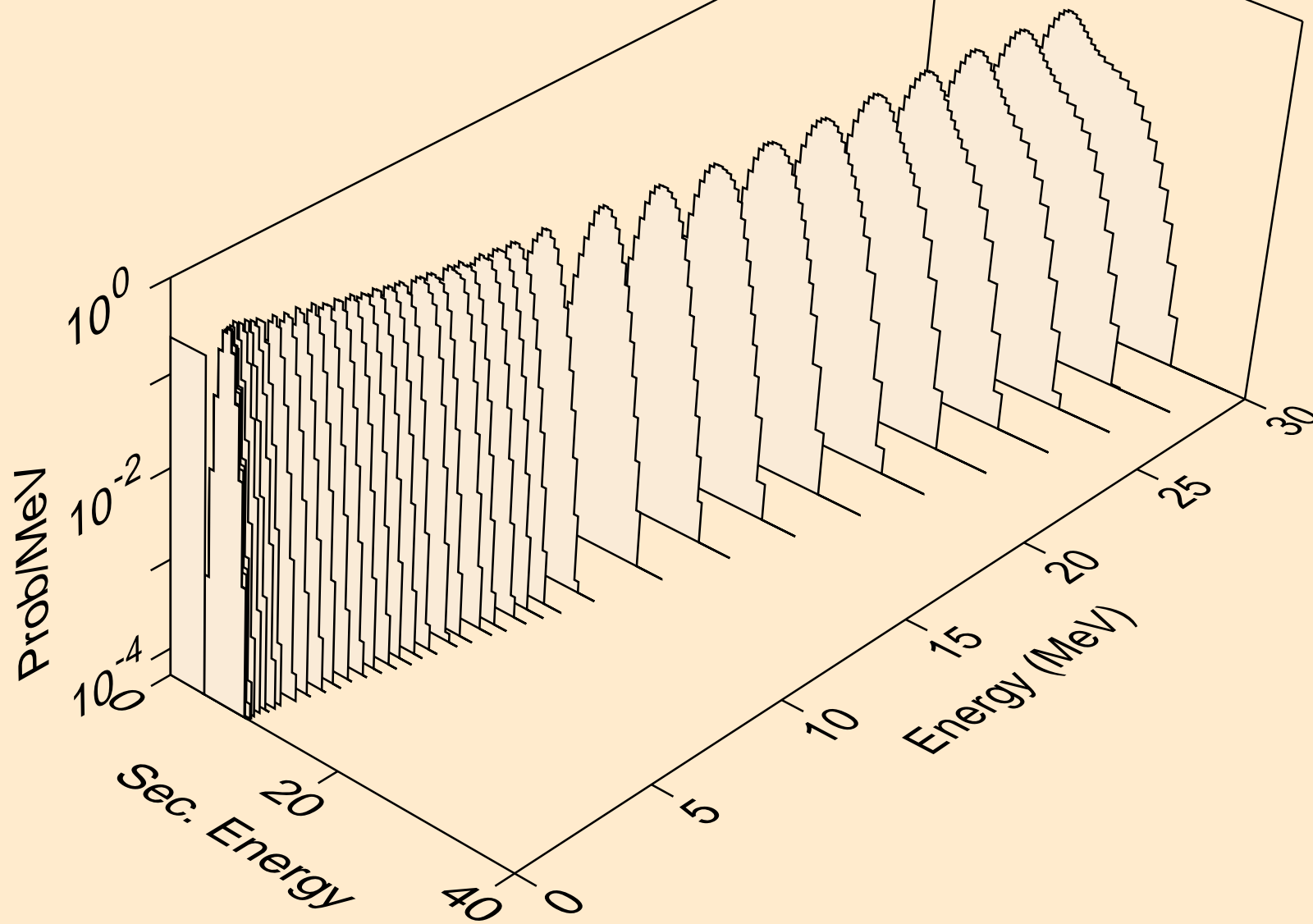




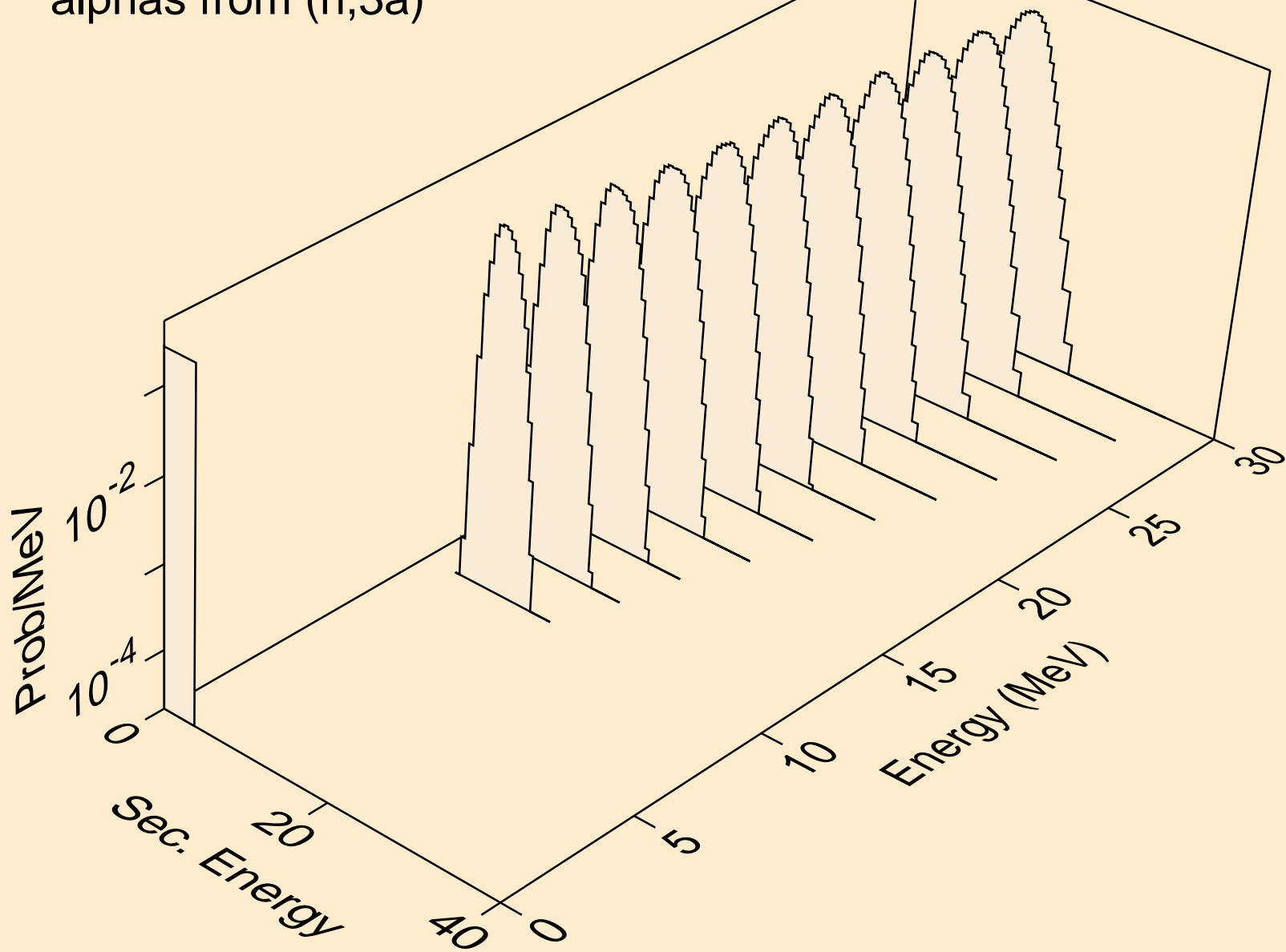
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



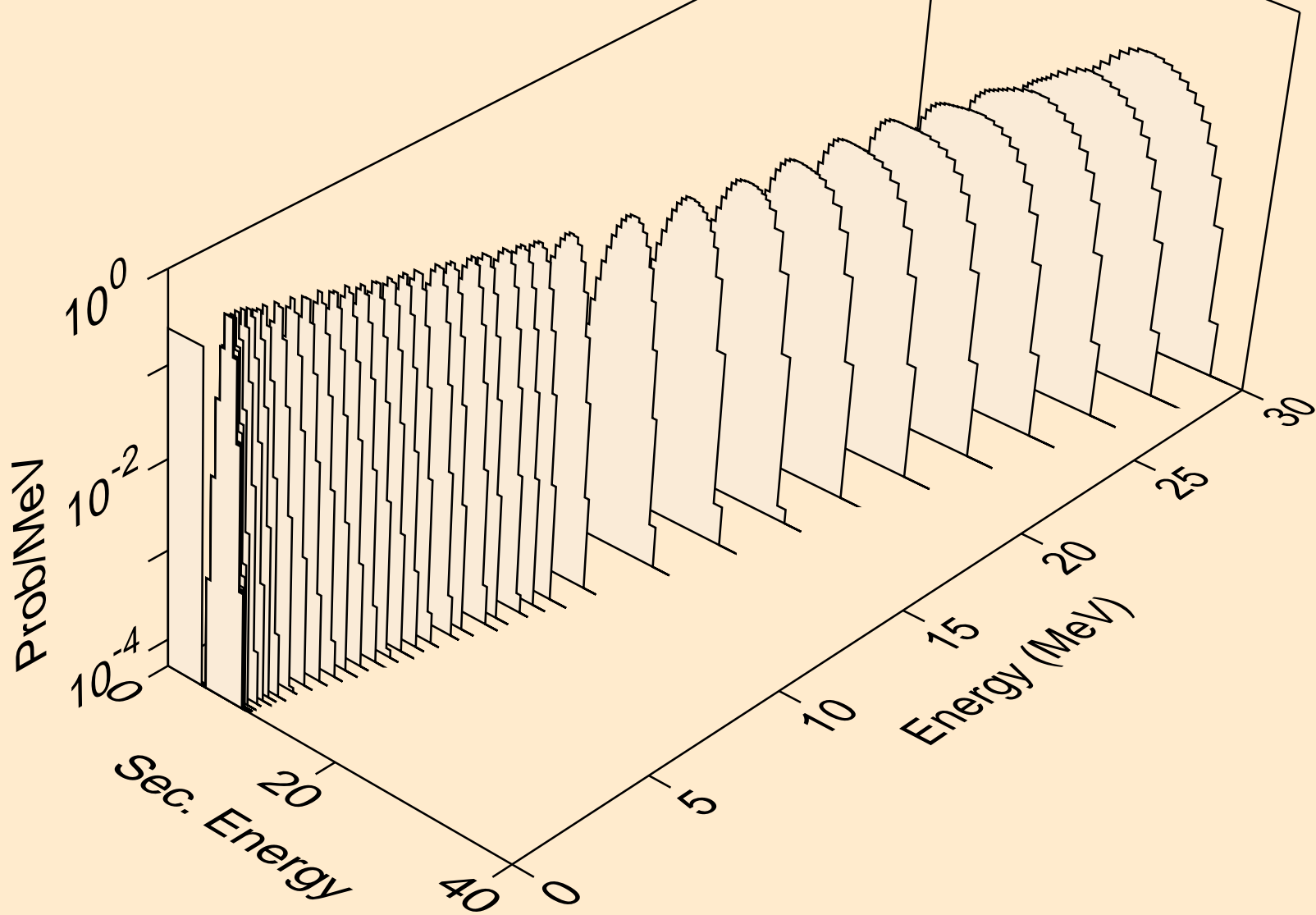
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



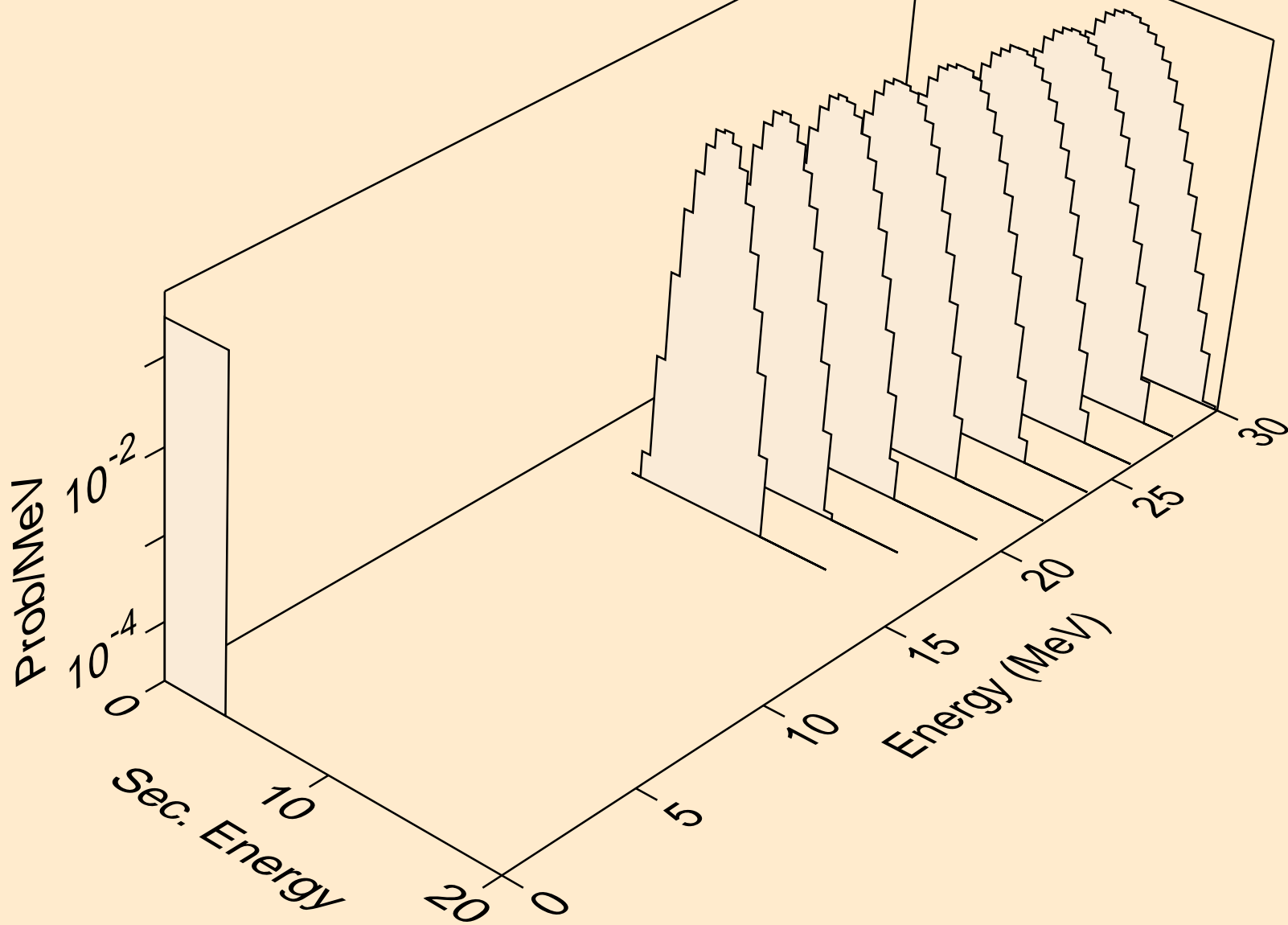
PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3a)



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,d2a)



PM131 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

