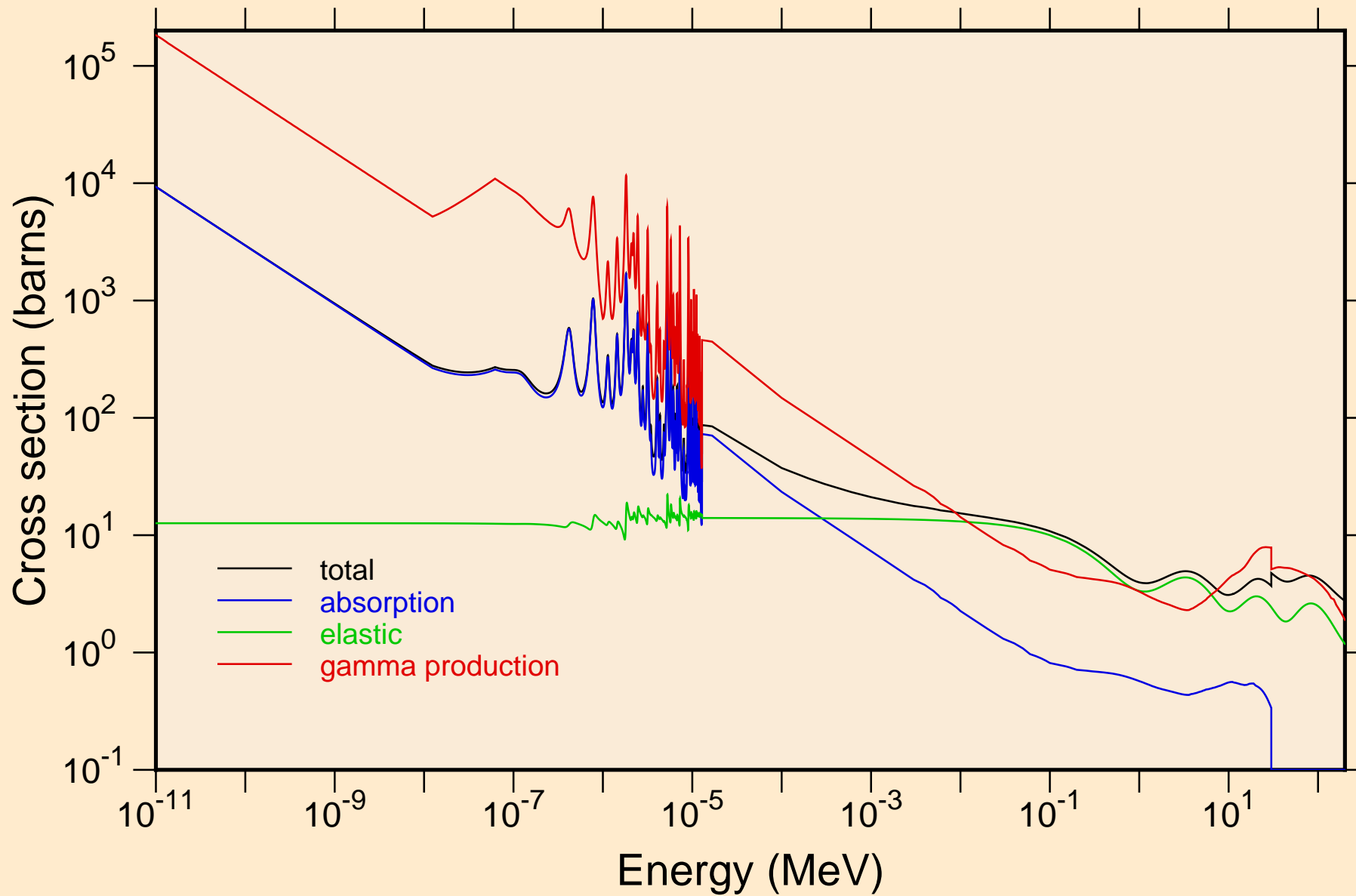
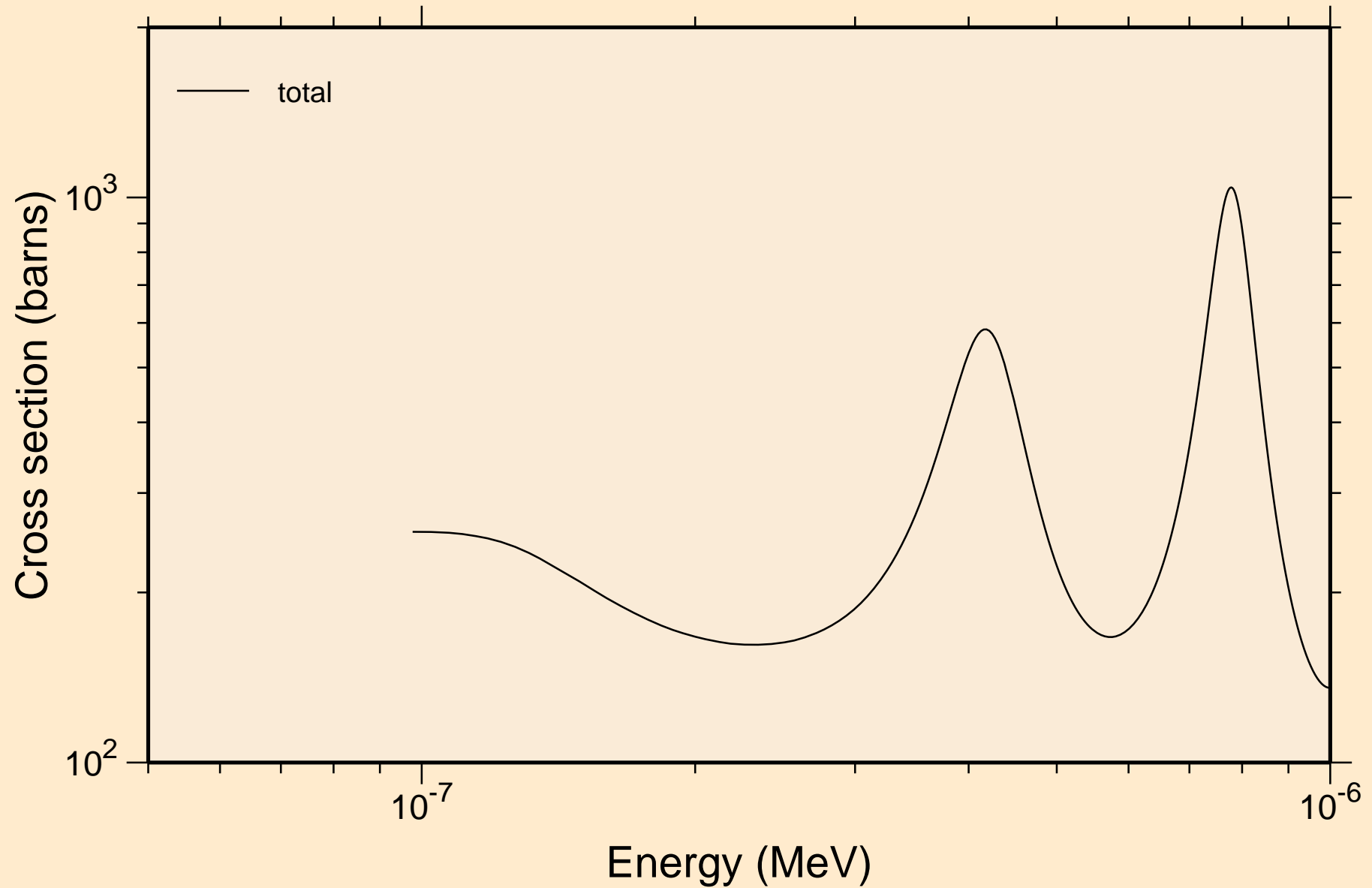


# TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

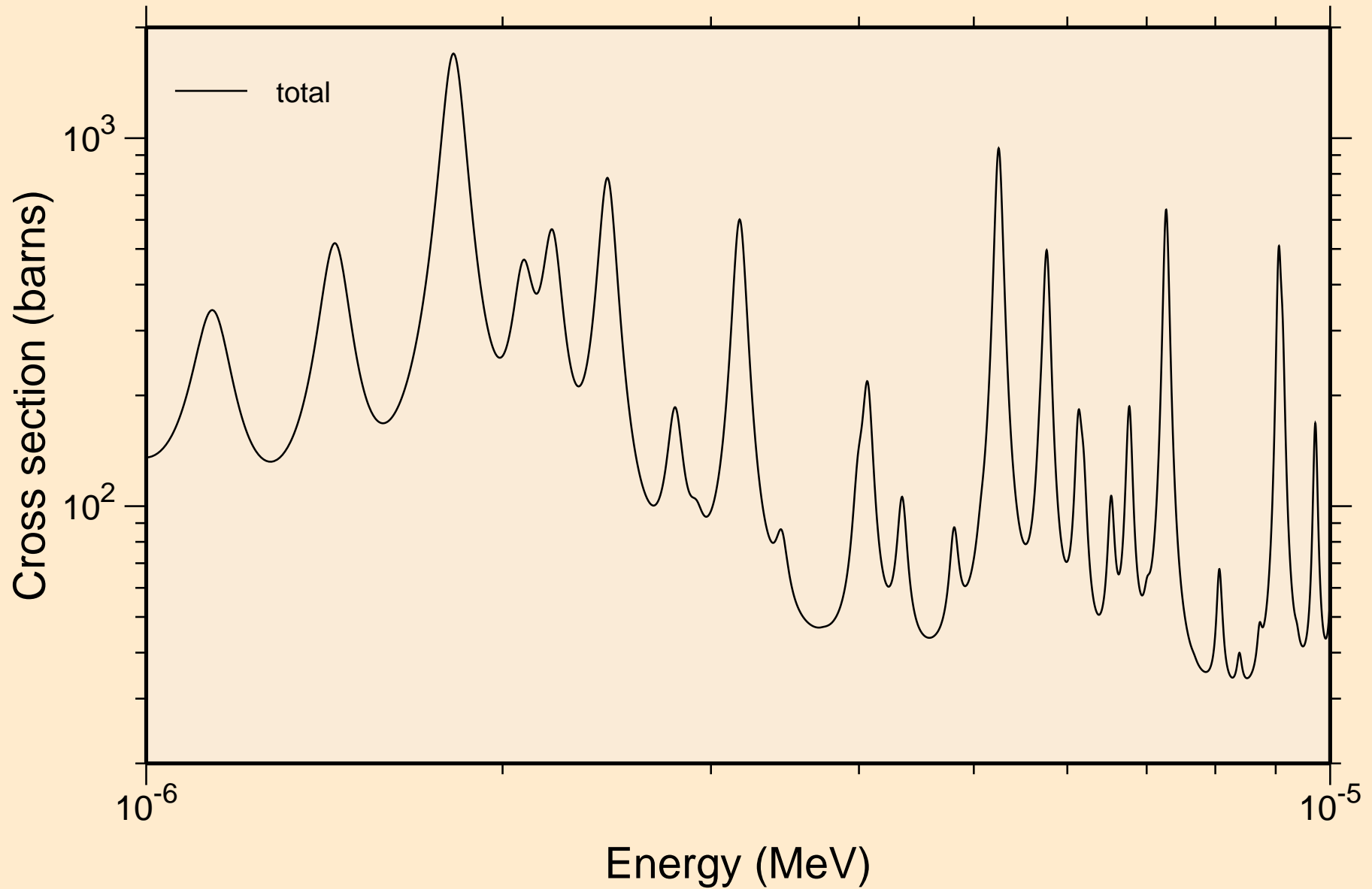
## Principal cross sections



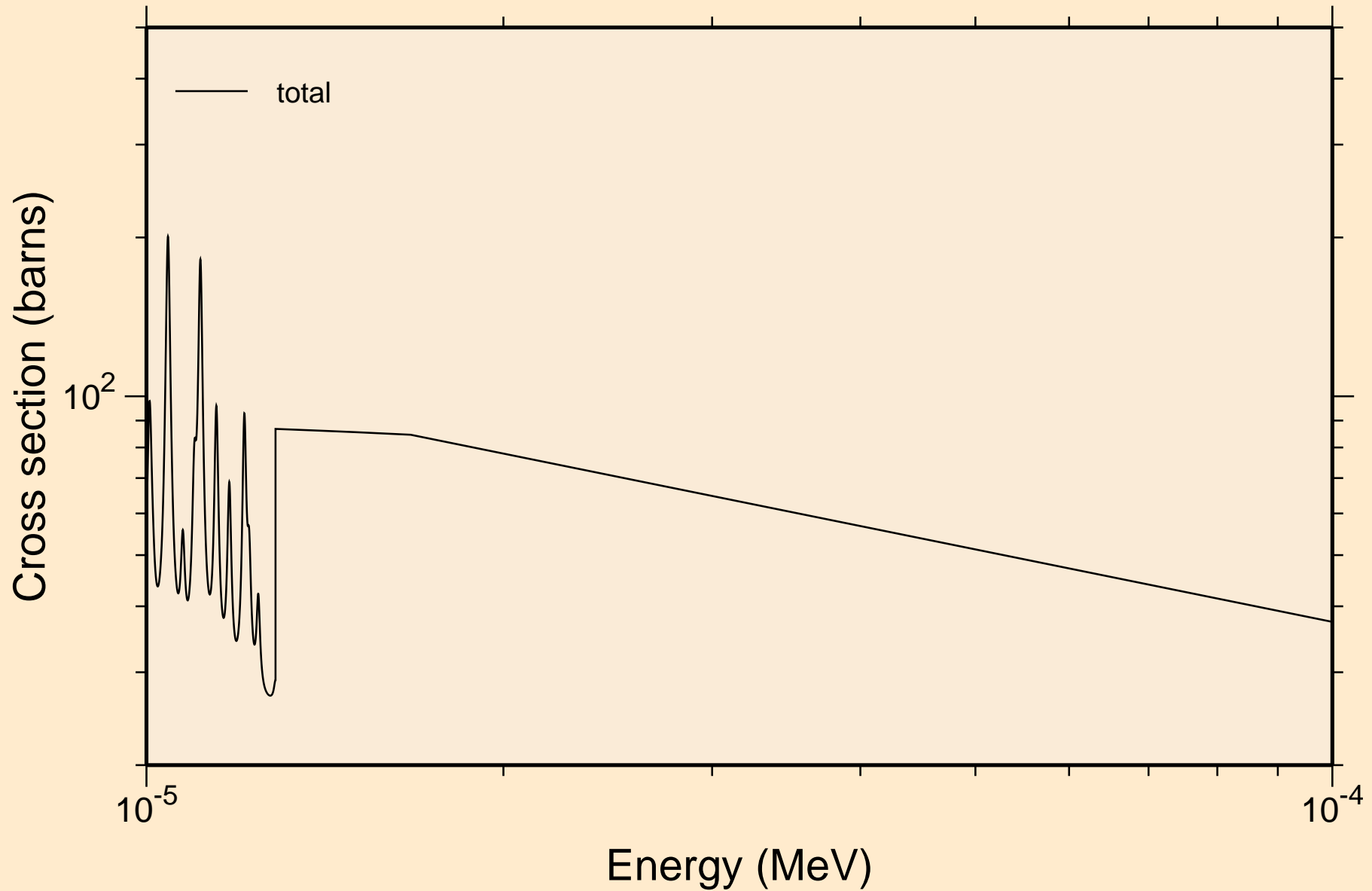
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



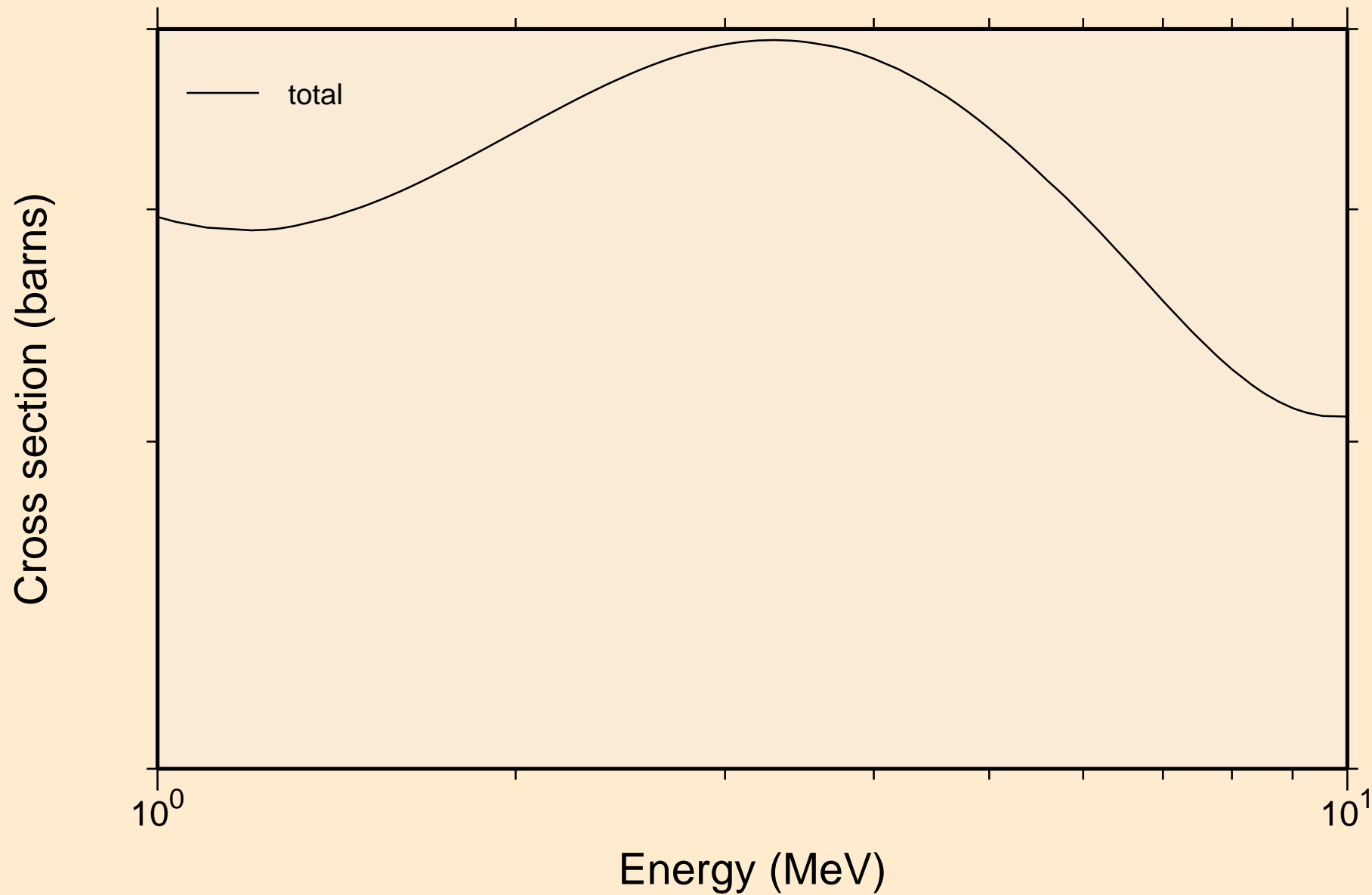
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



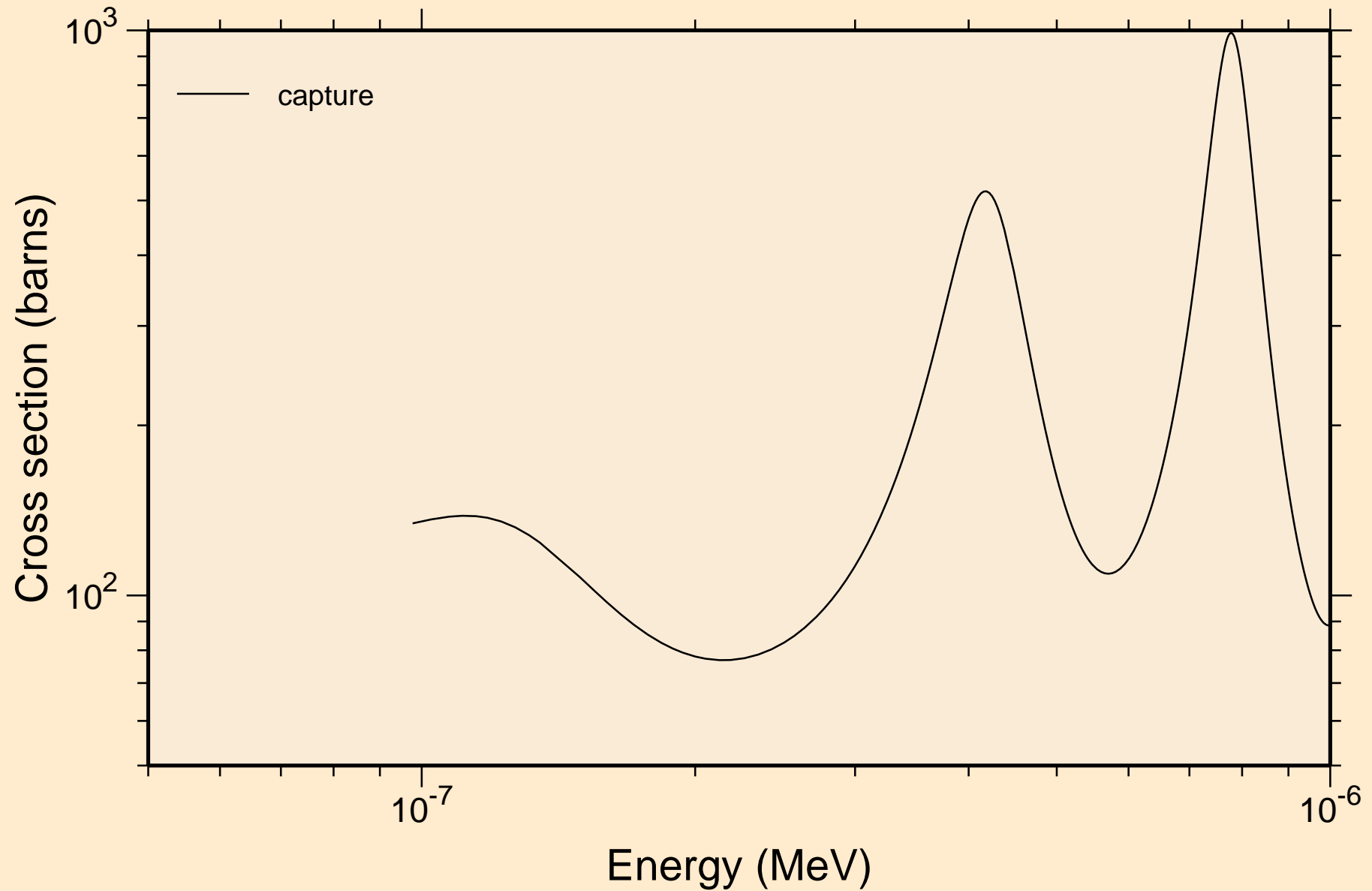
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



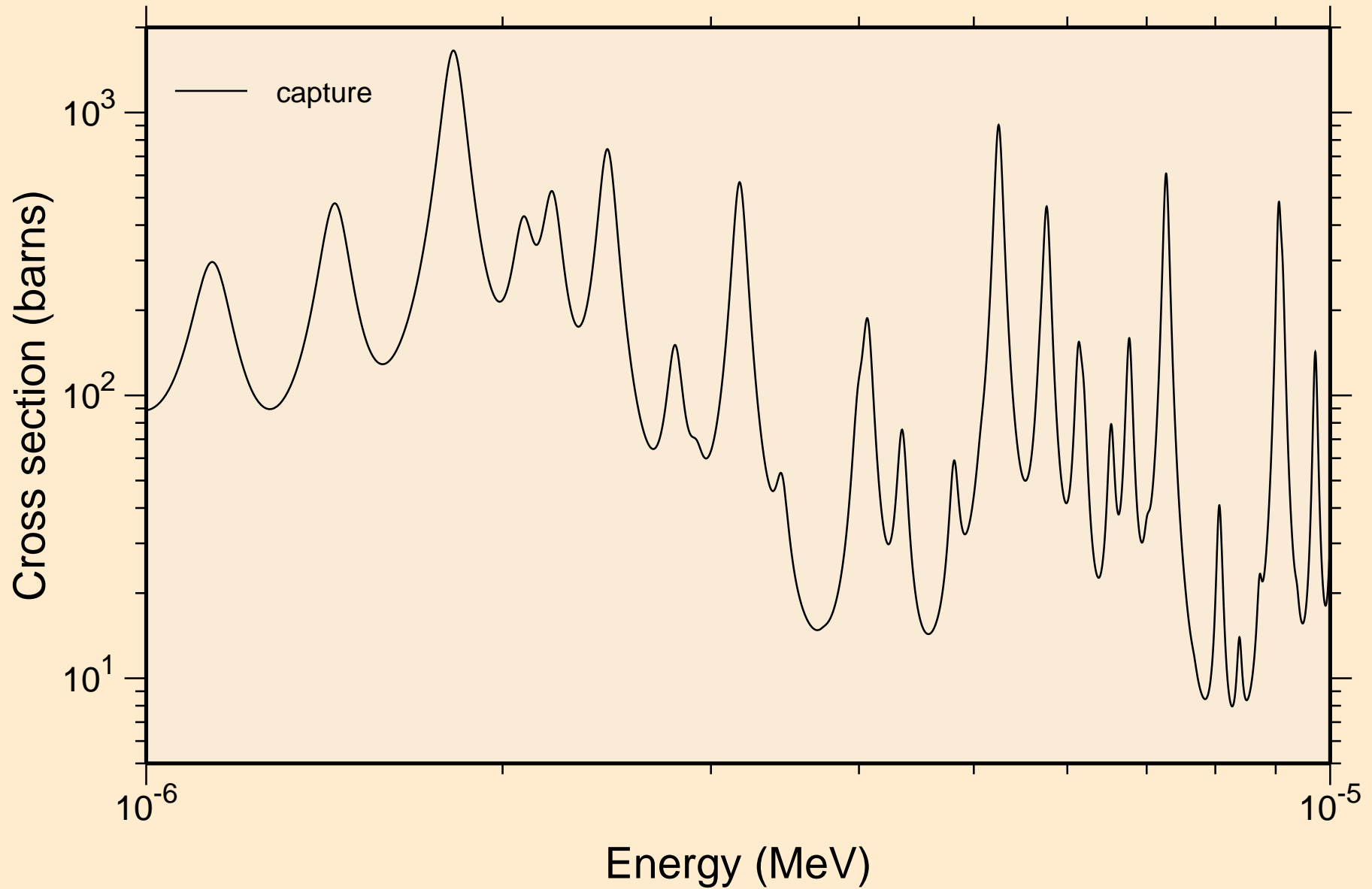
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



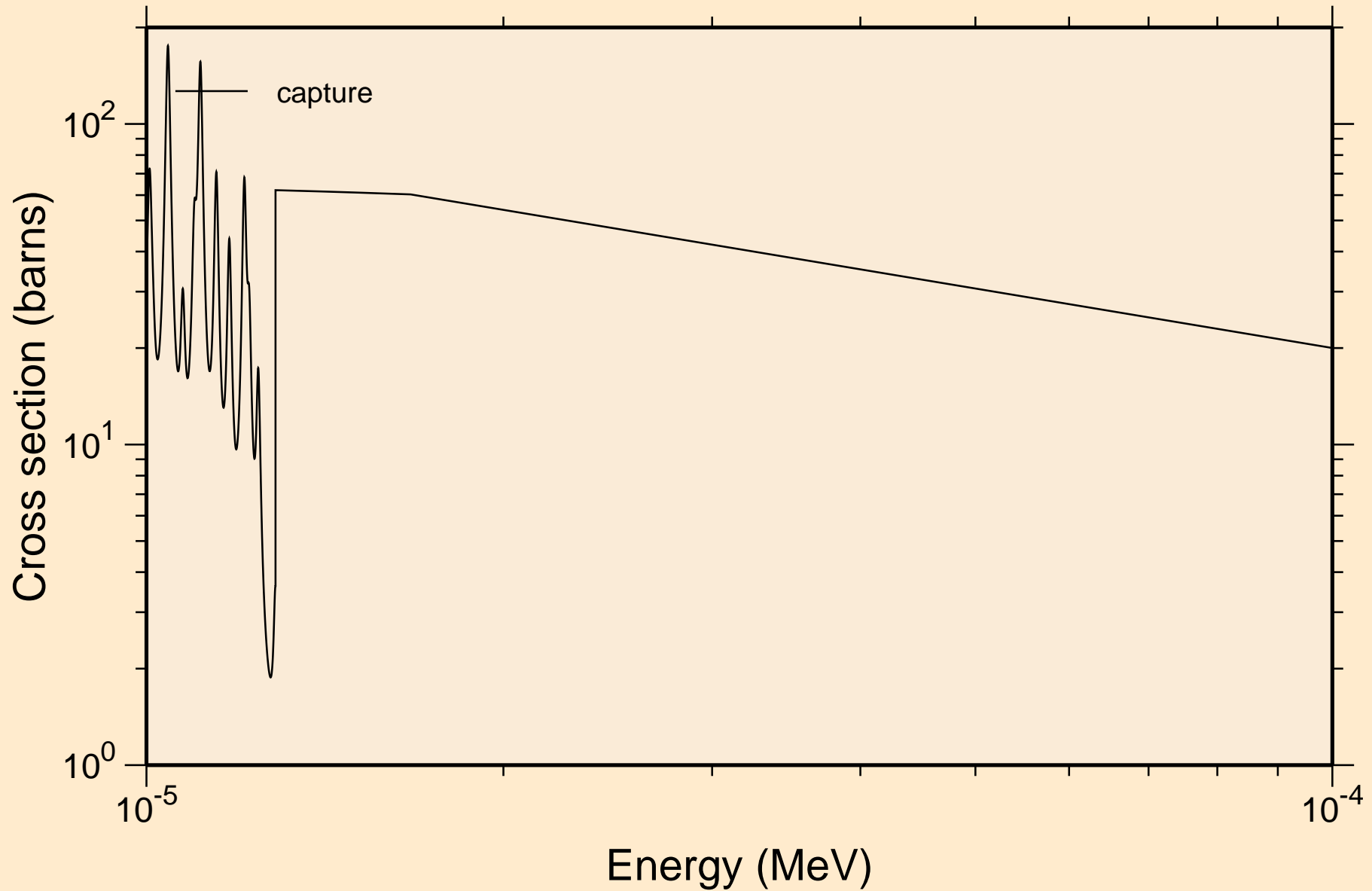
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

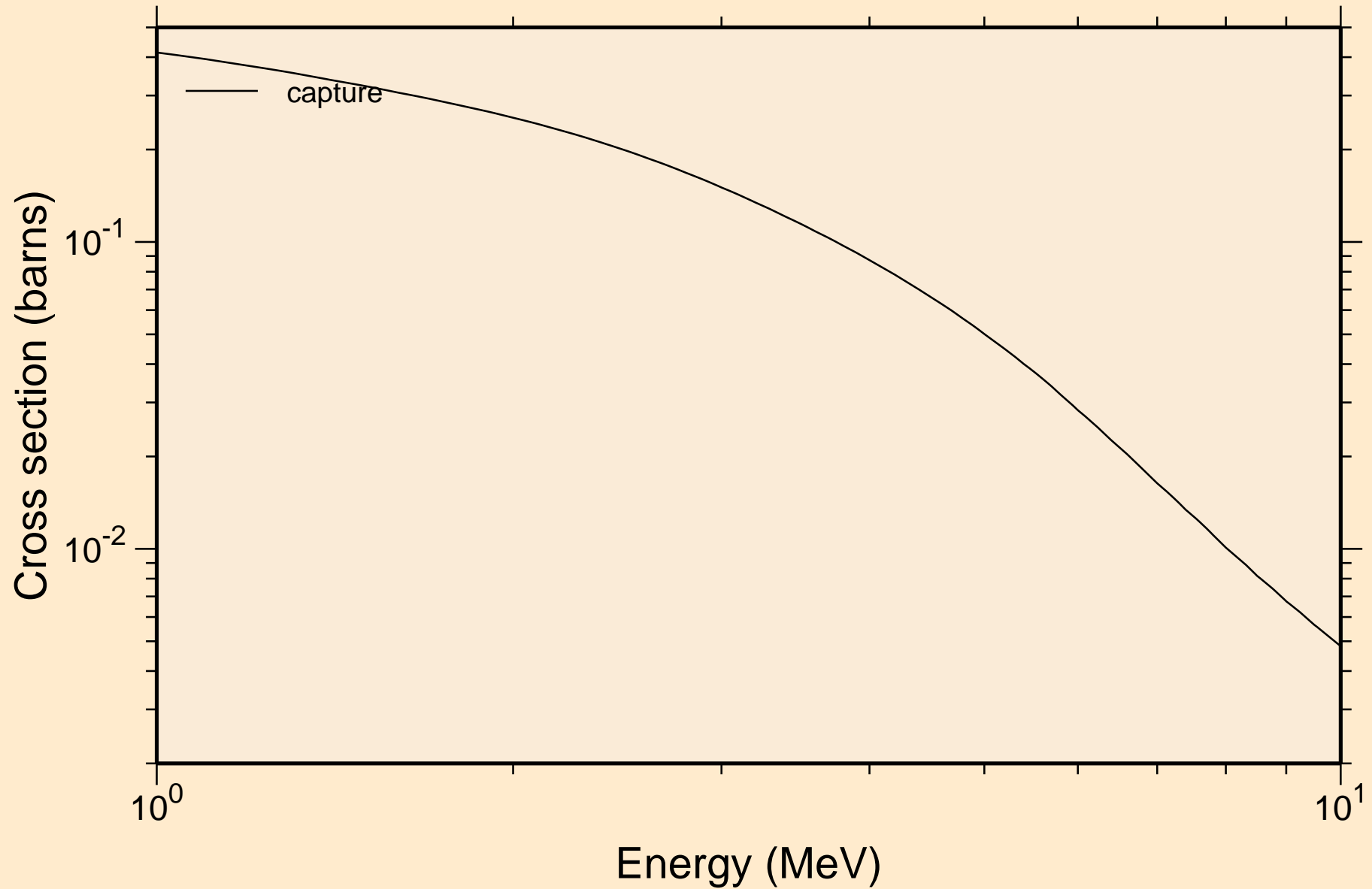


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



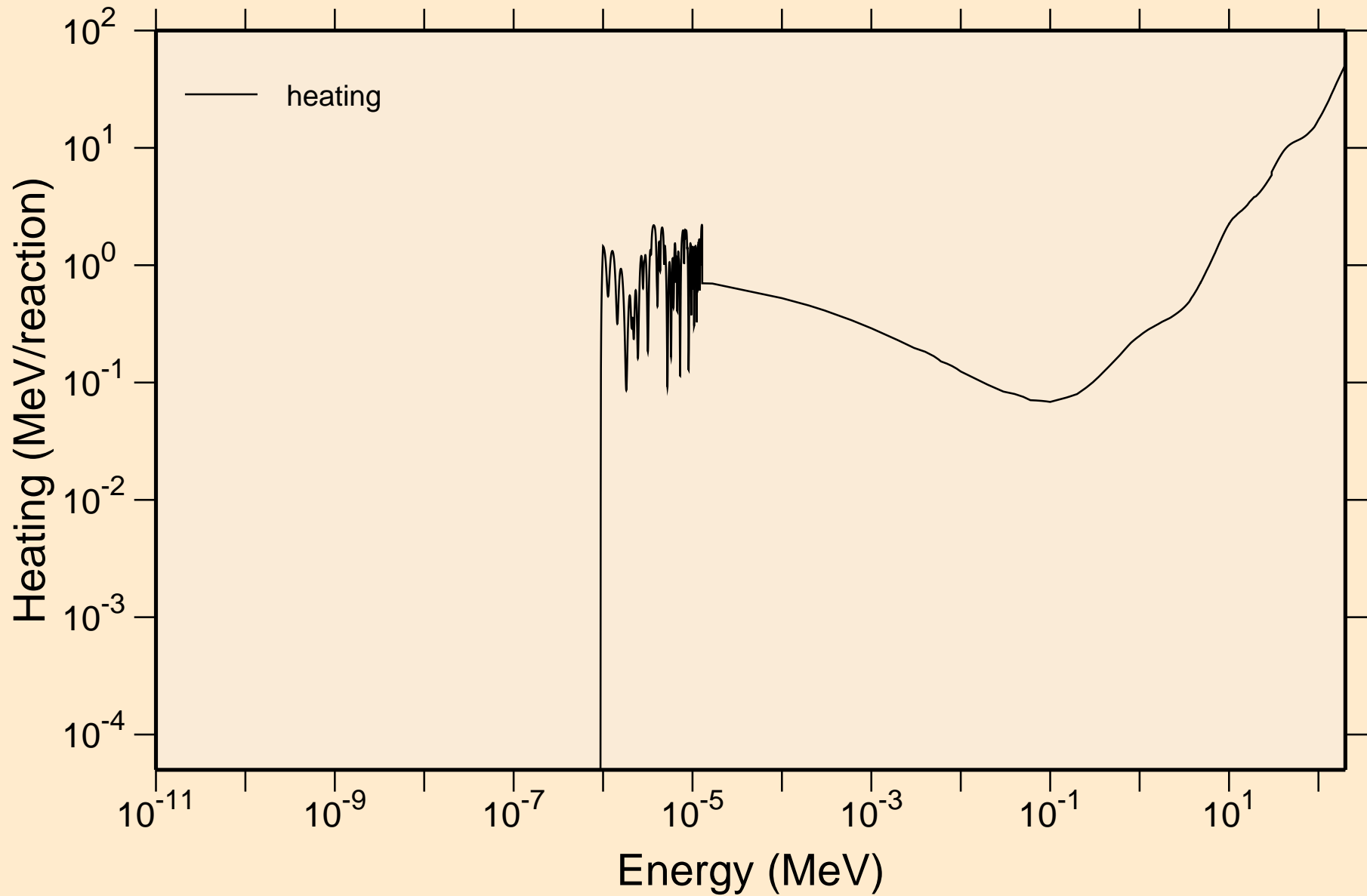


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

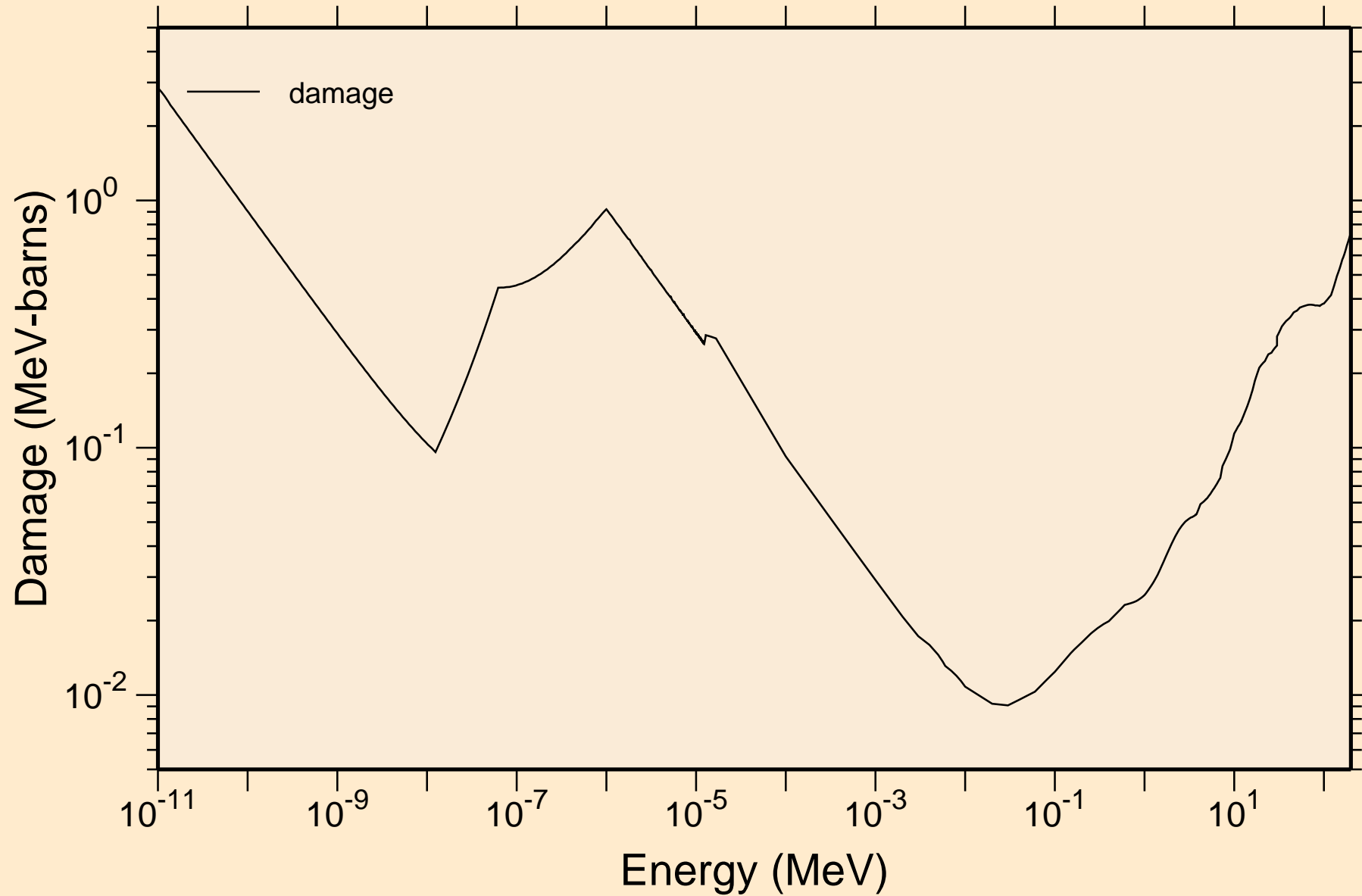


# TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

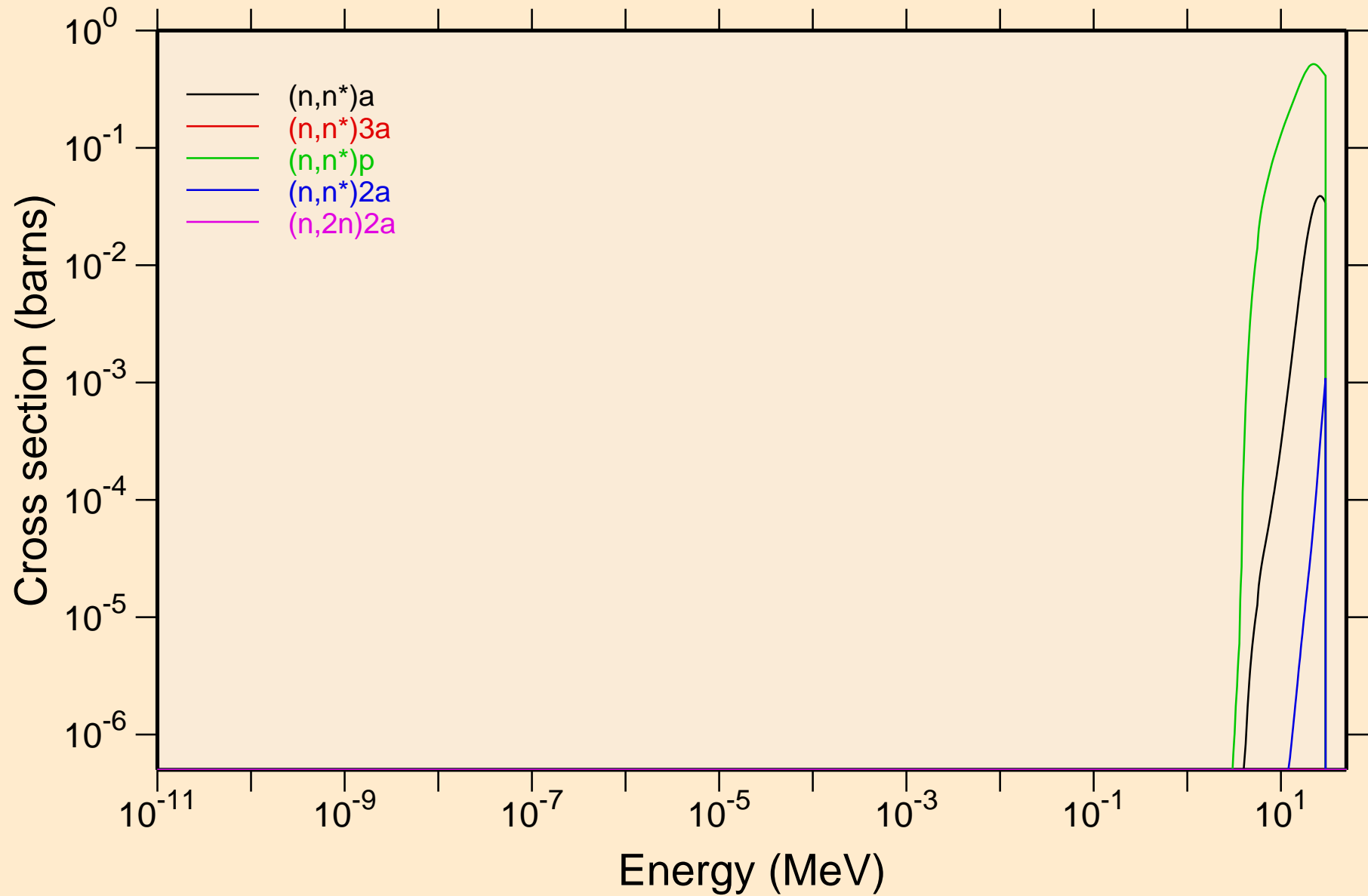
## Heating



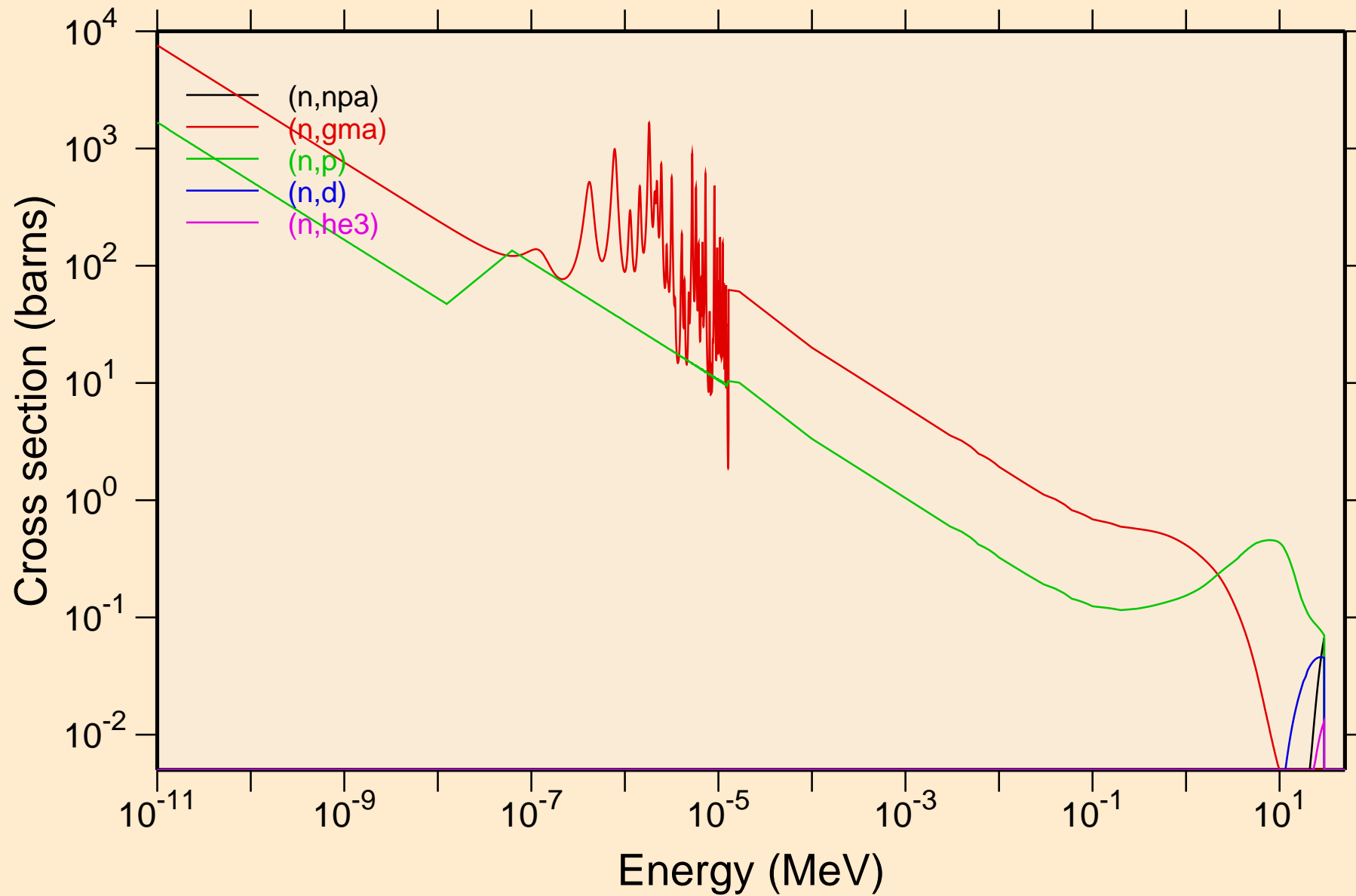
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



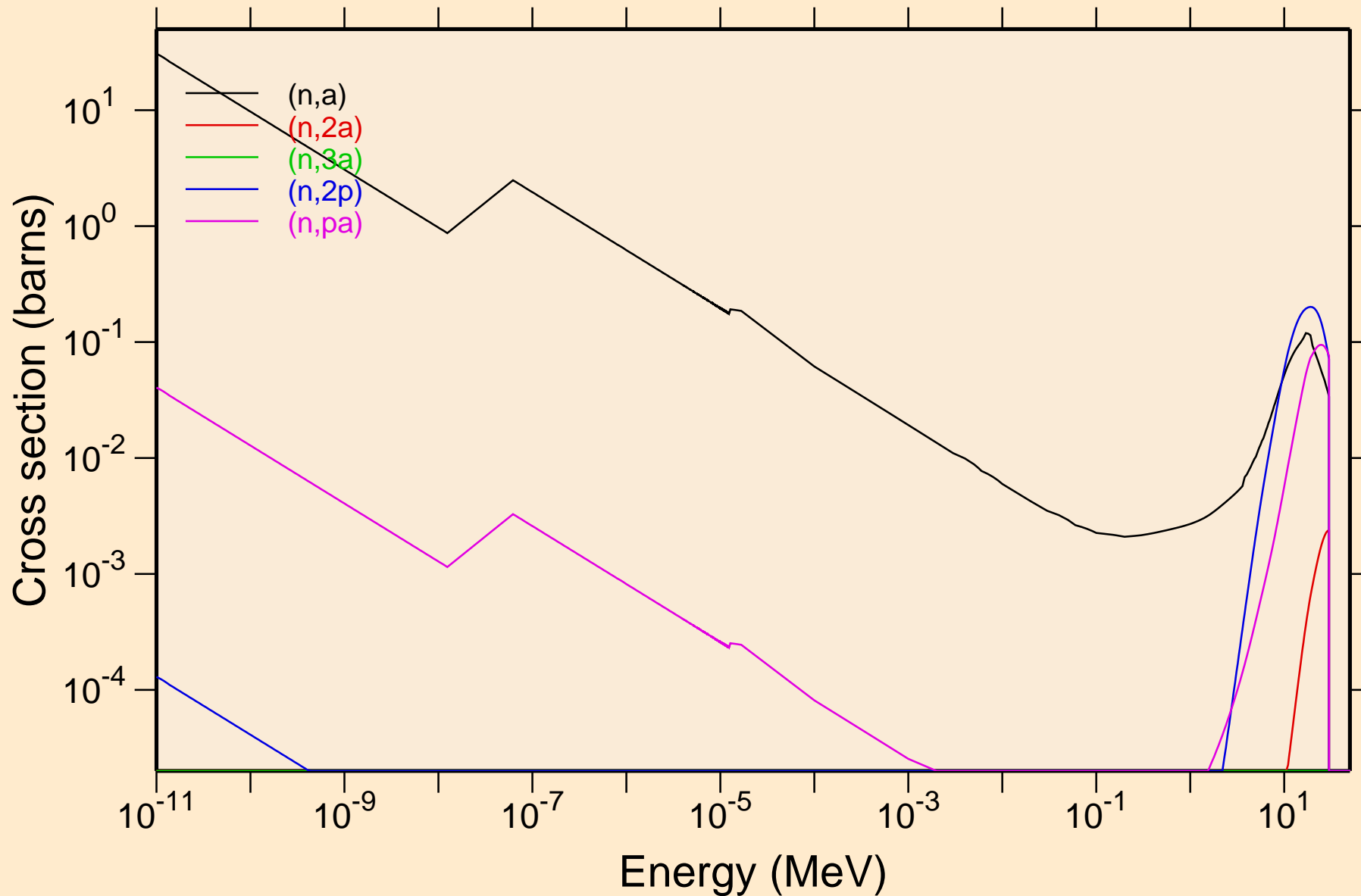
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



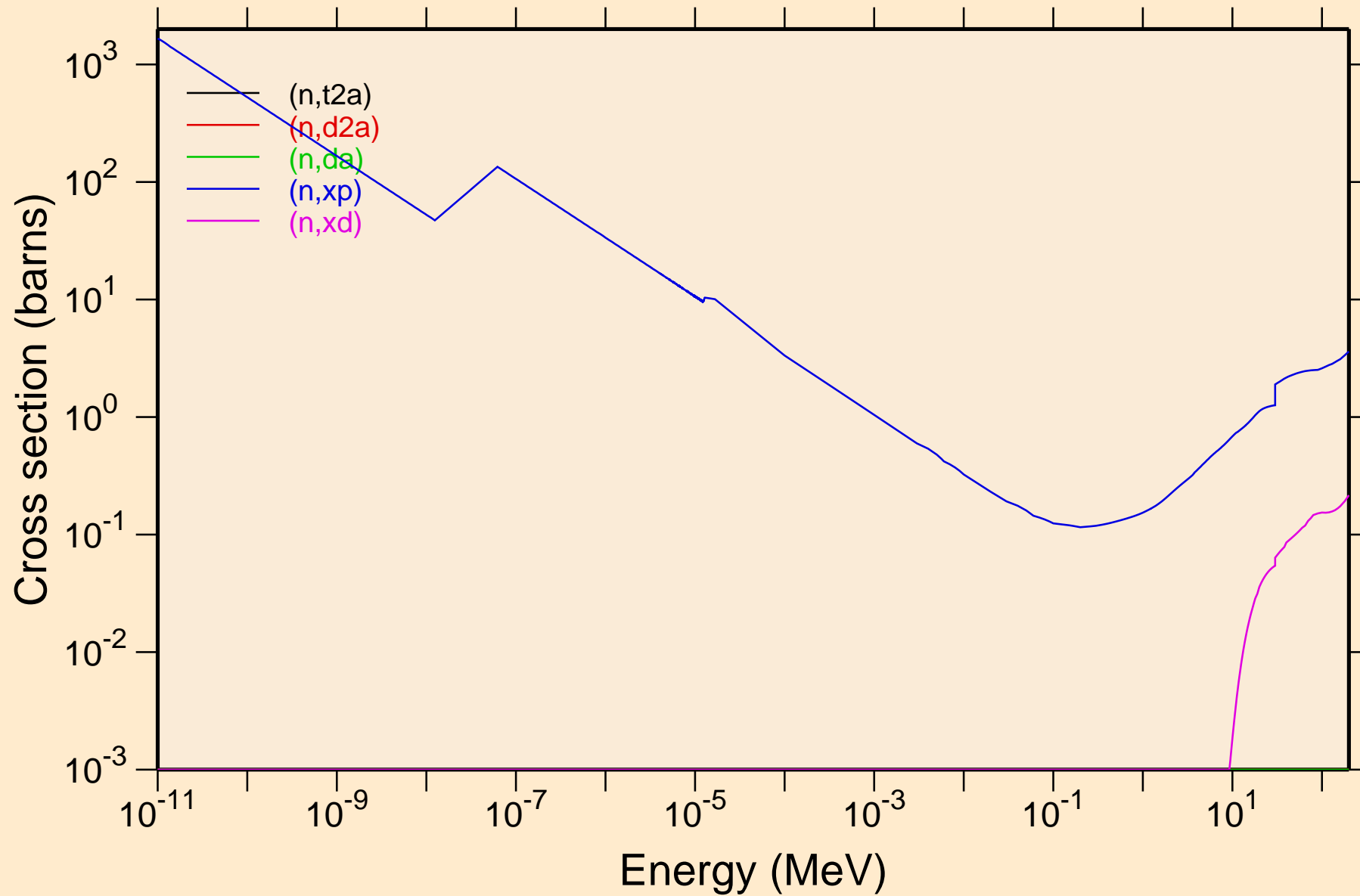
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



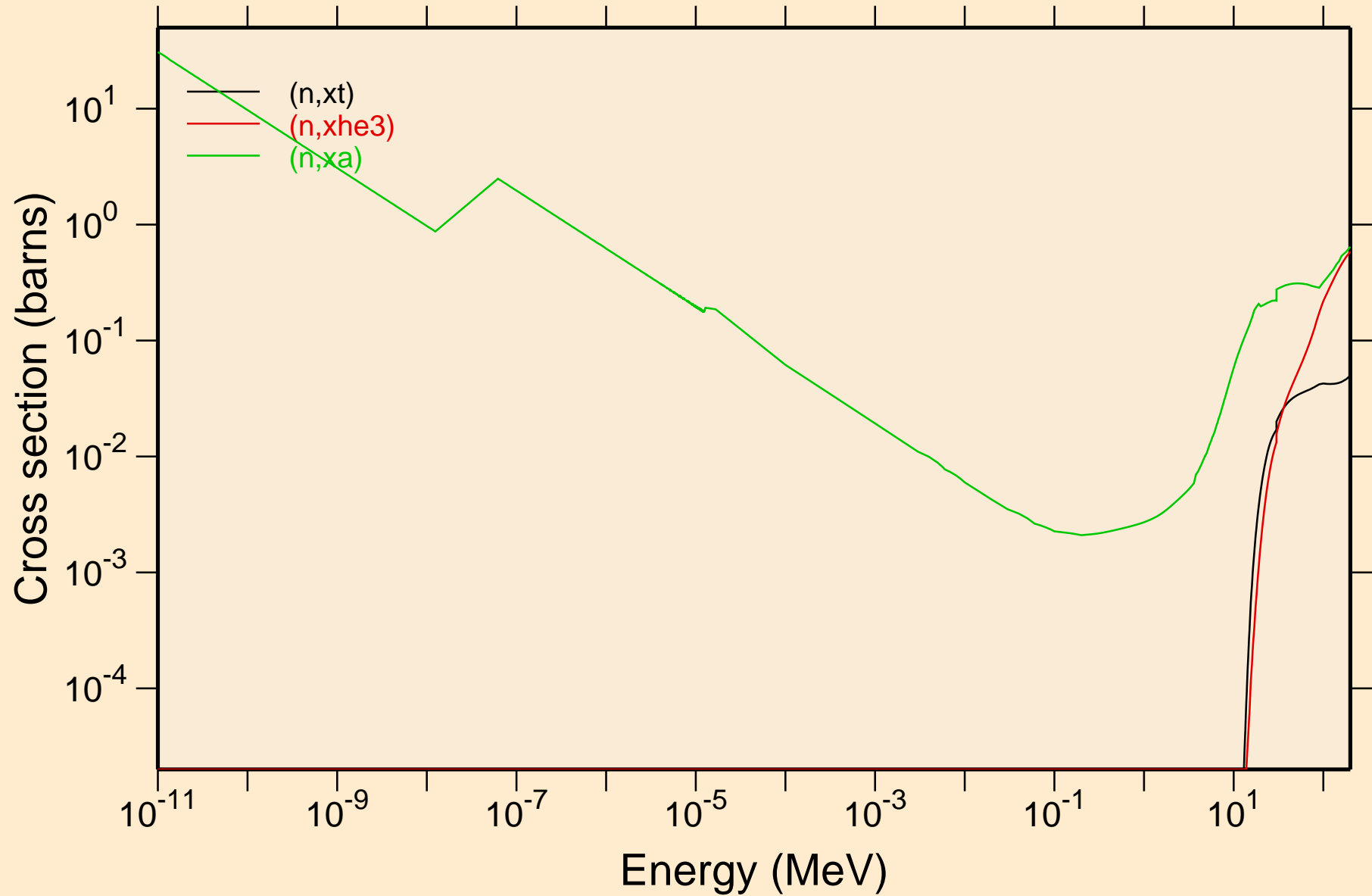
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



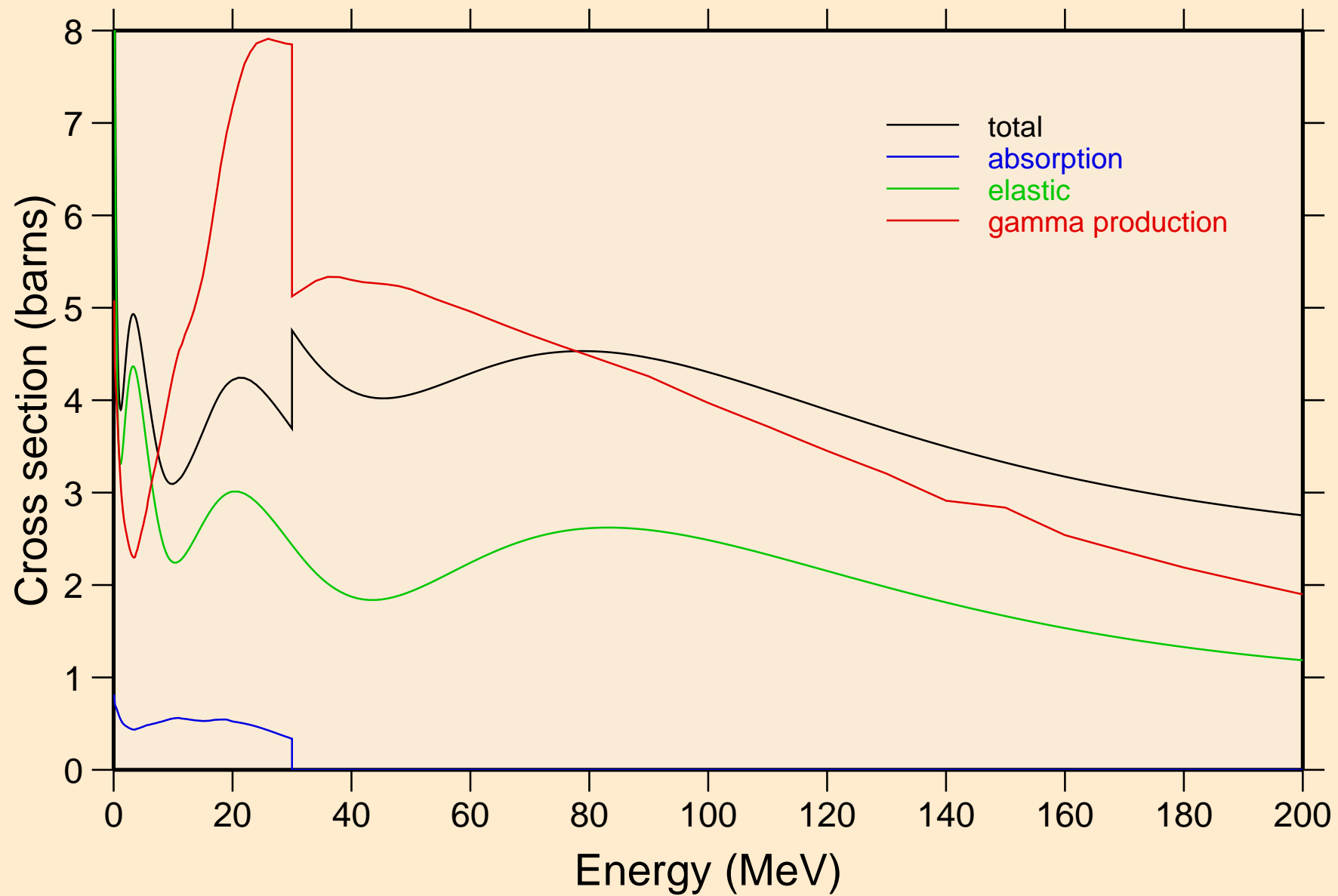
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions





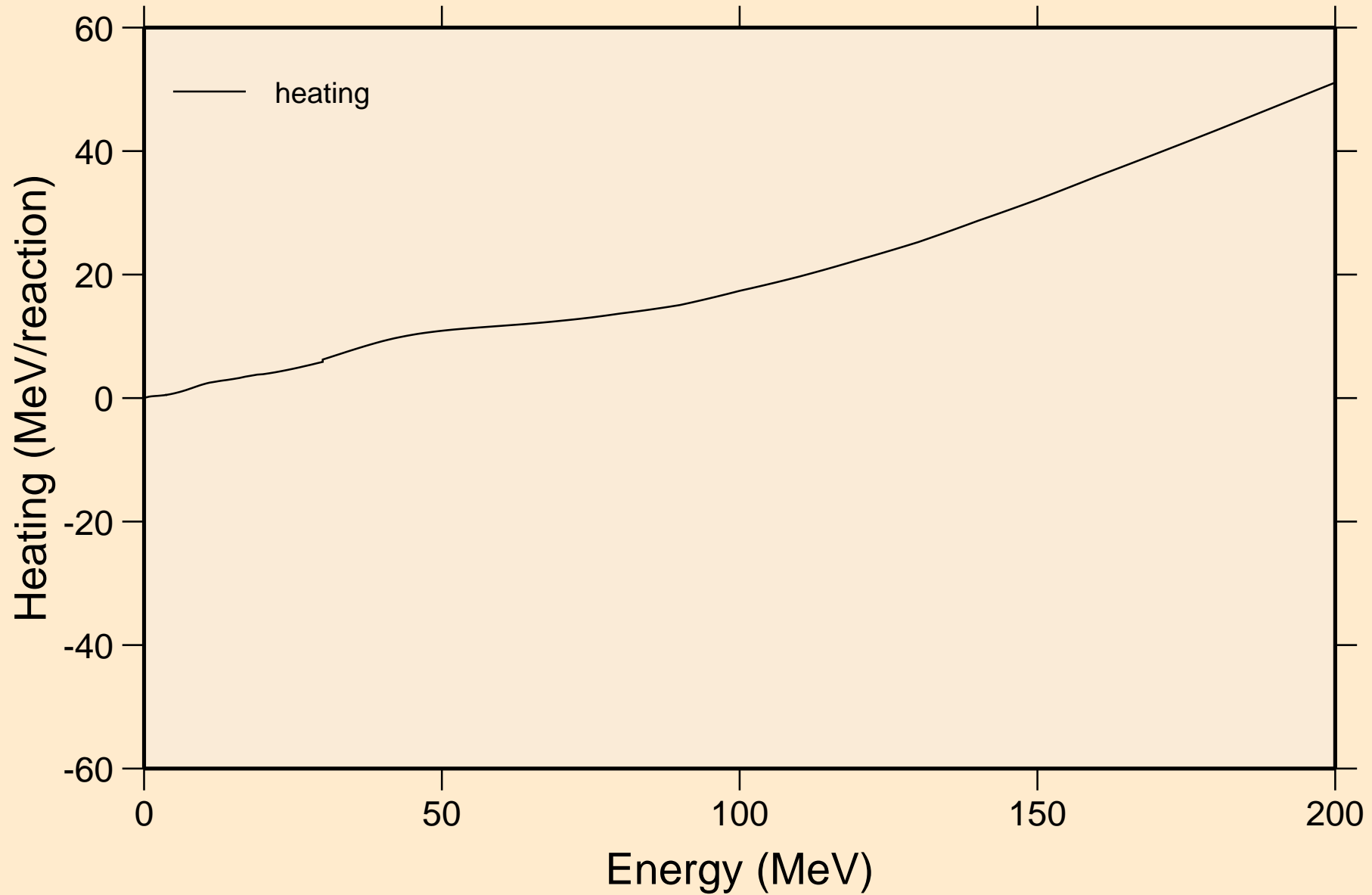
# TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

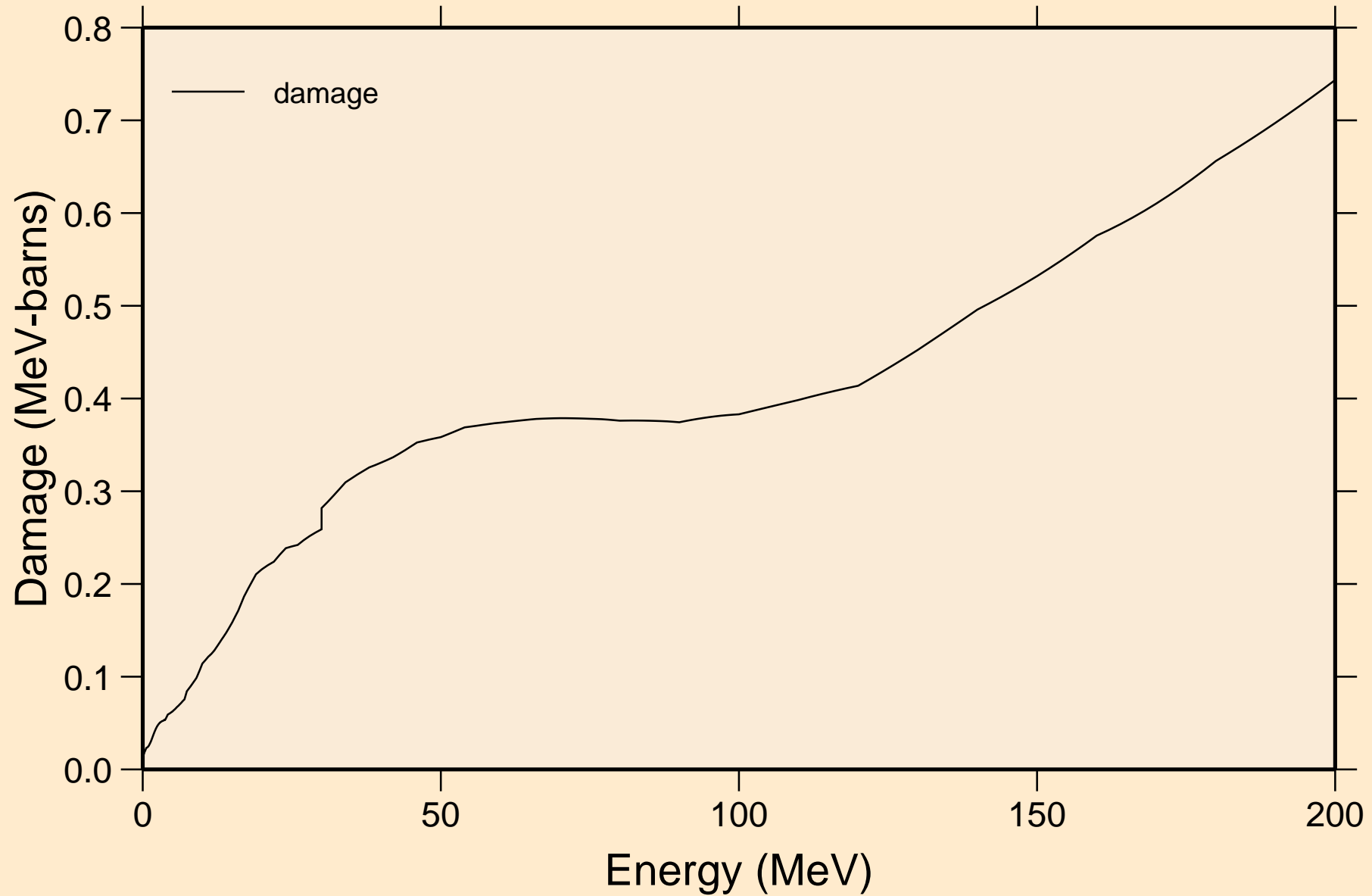


# TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

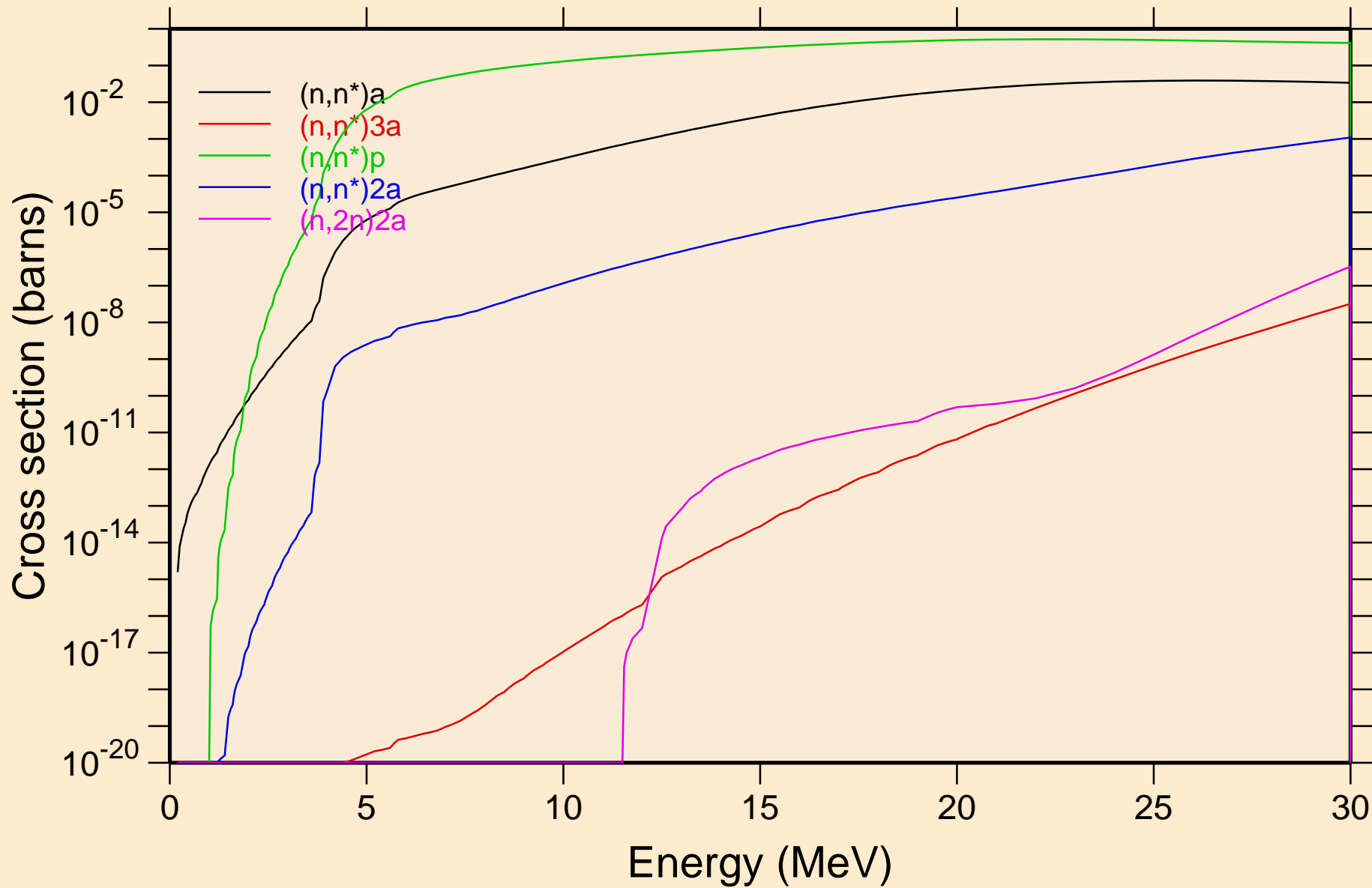
## Heating



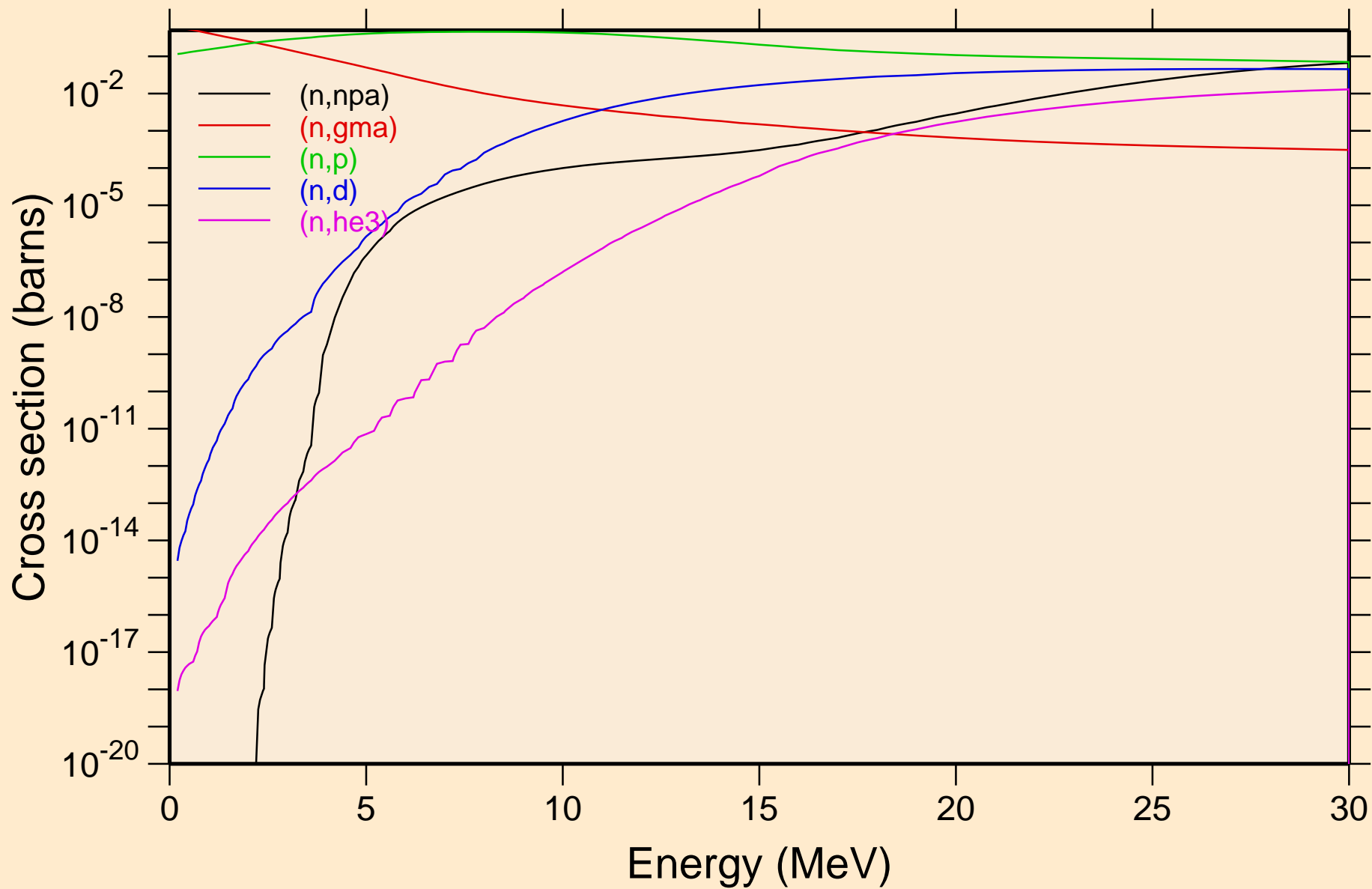
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



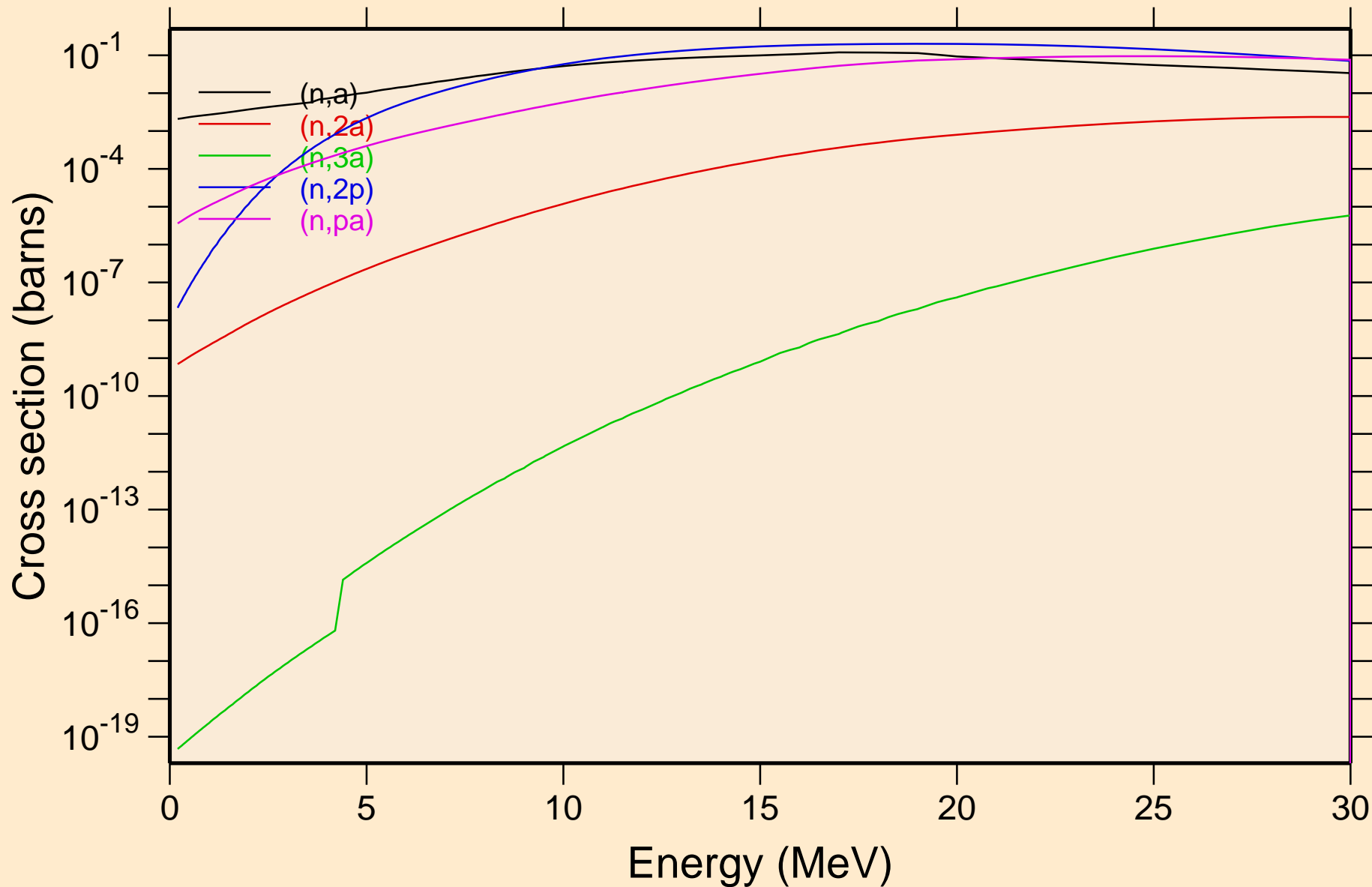
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



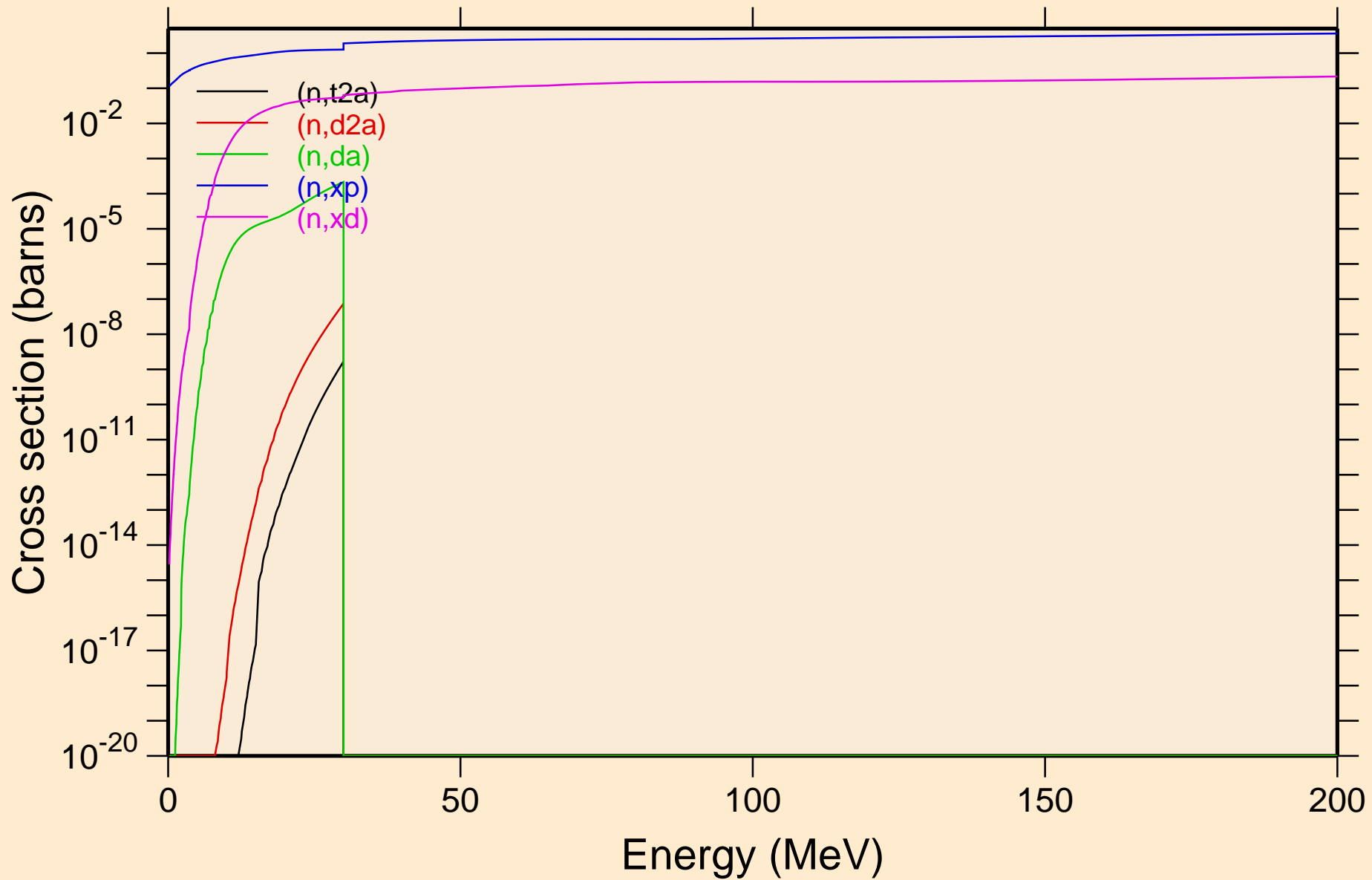
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



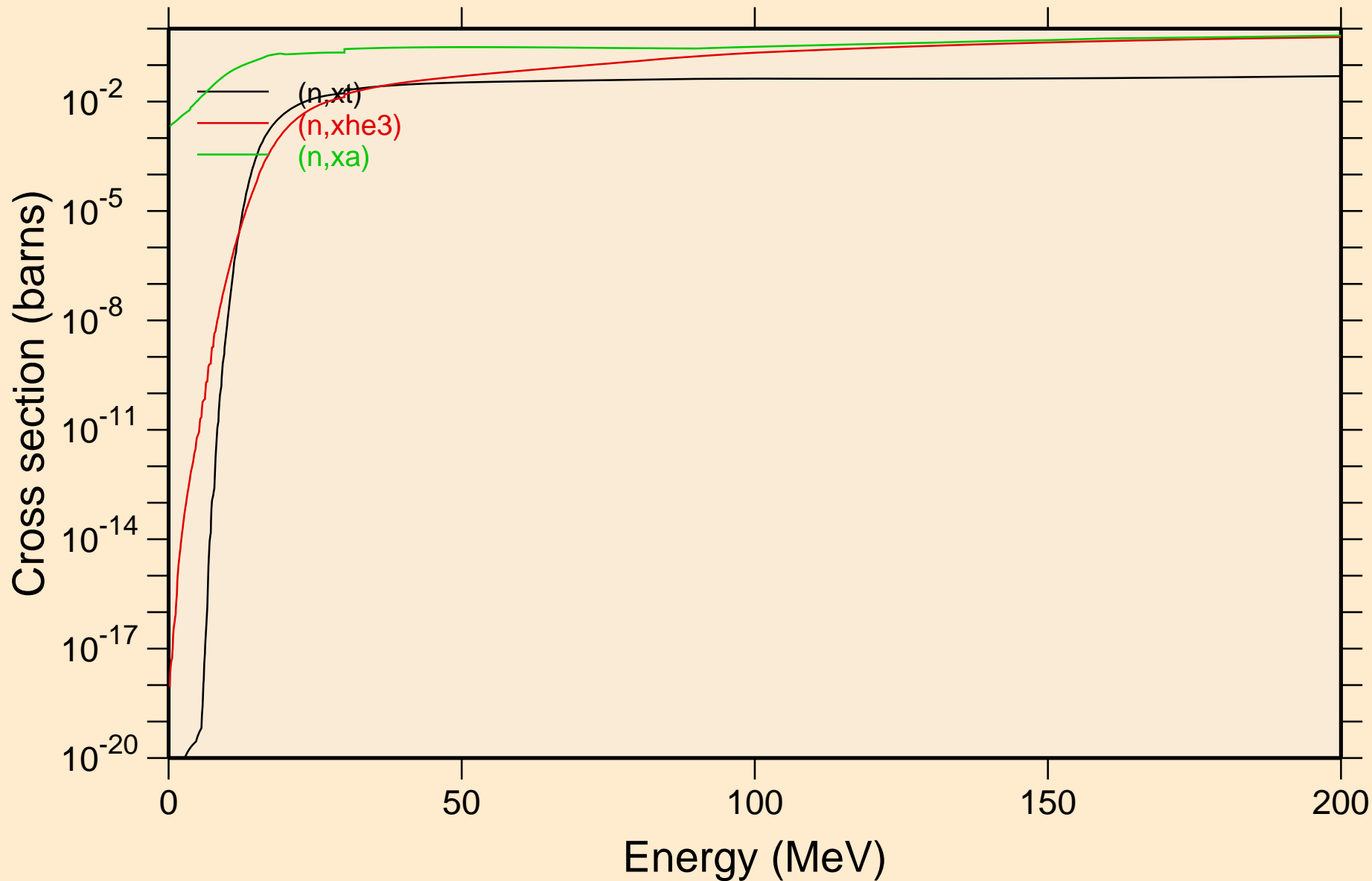
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

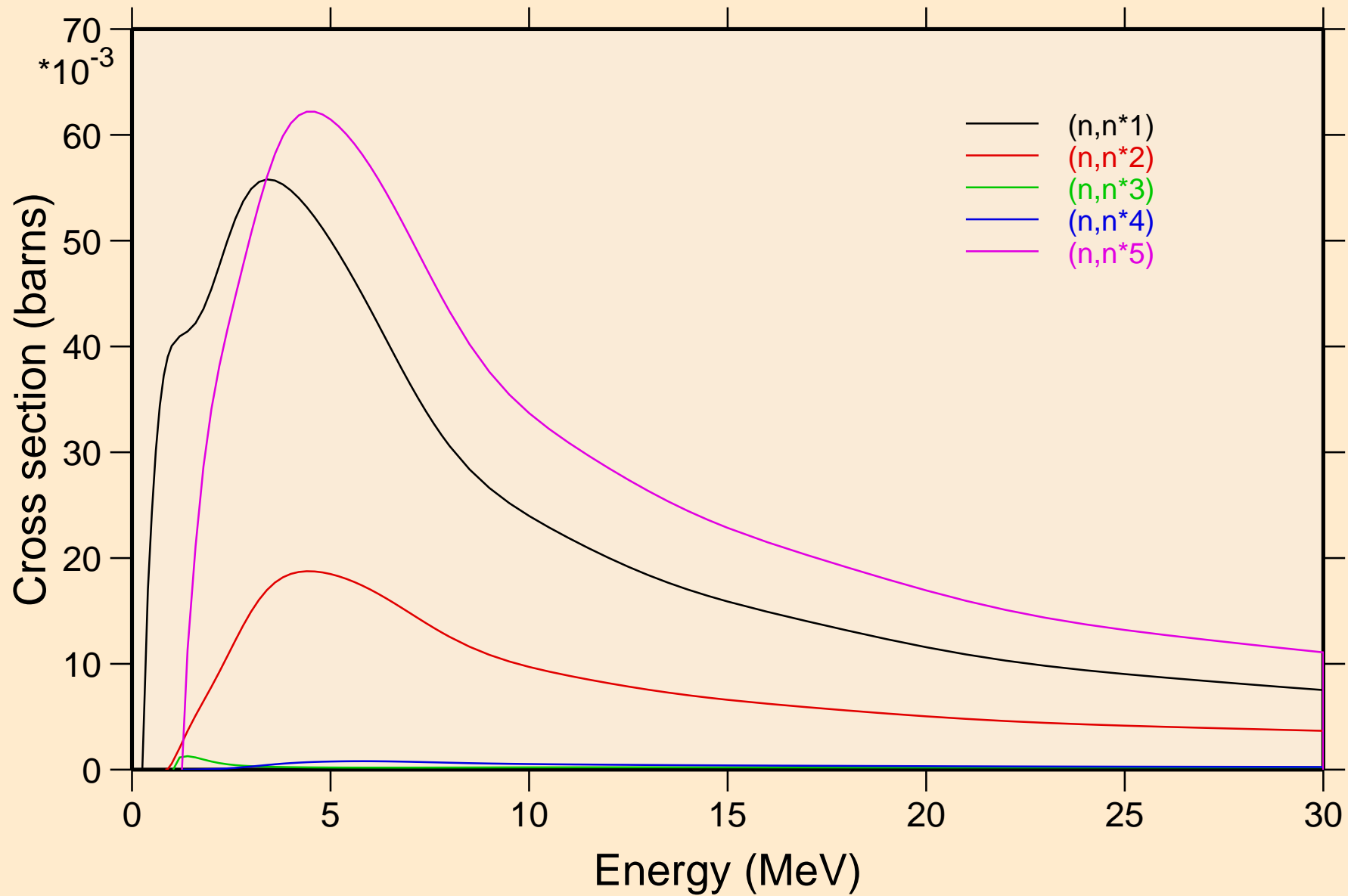


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

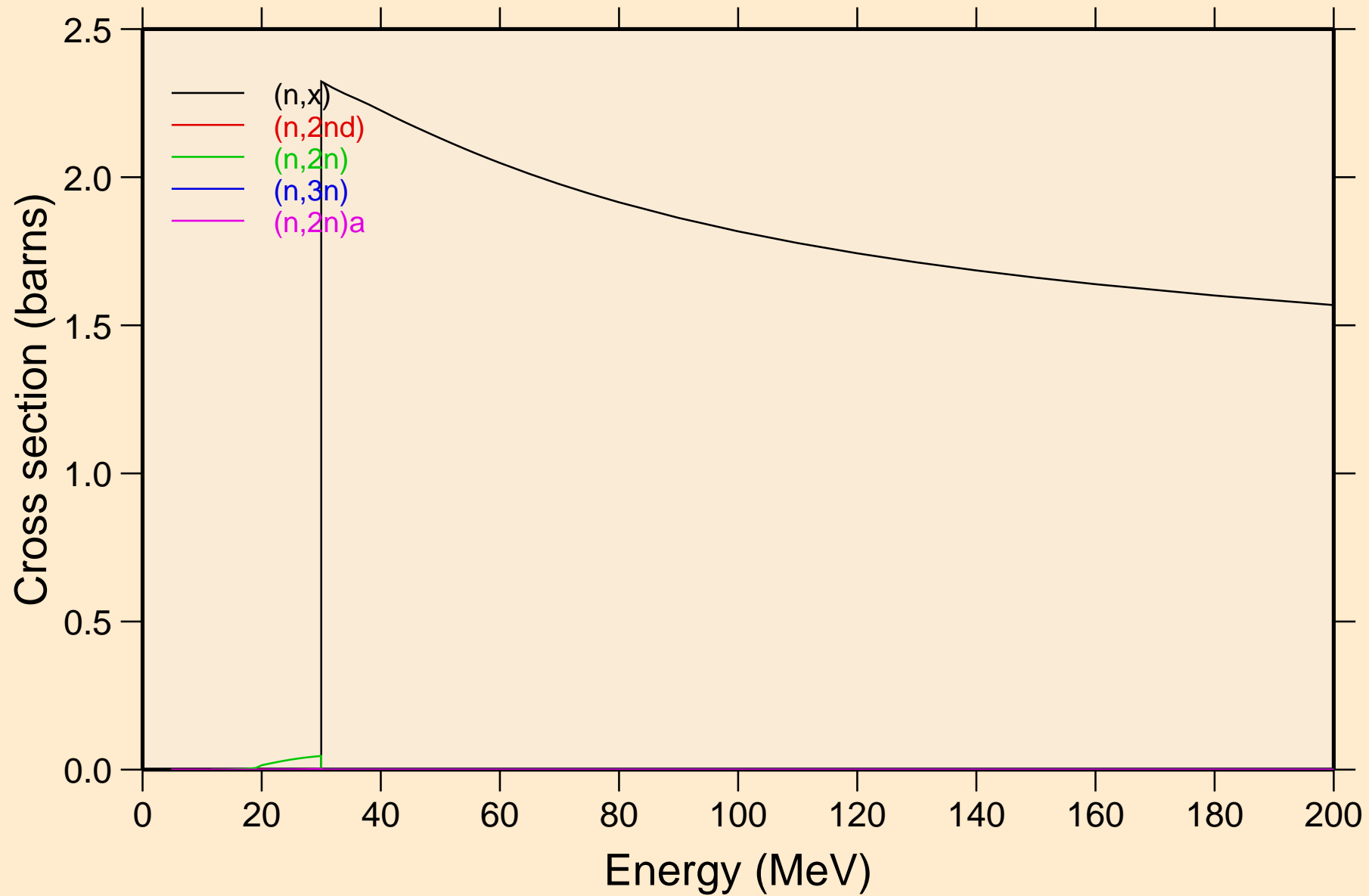




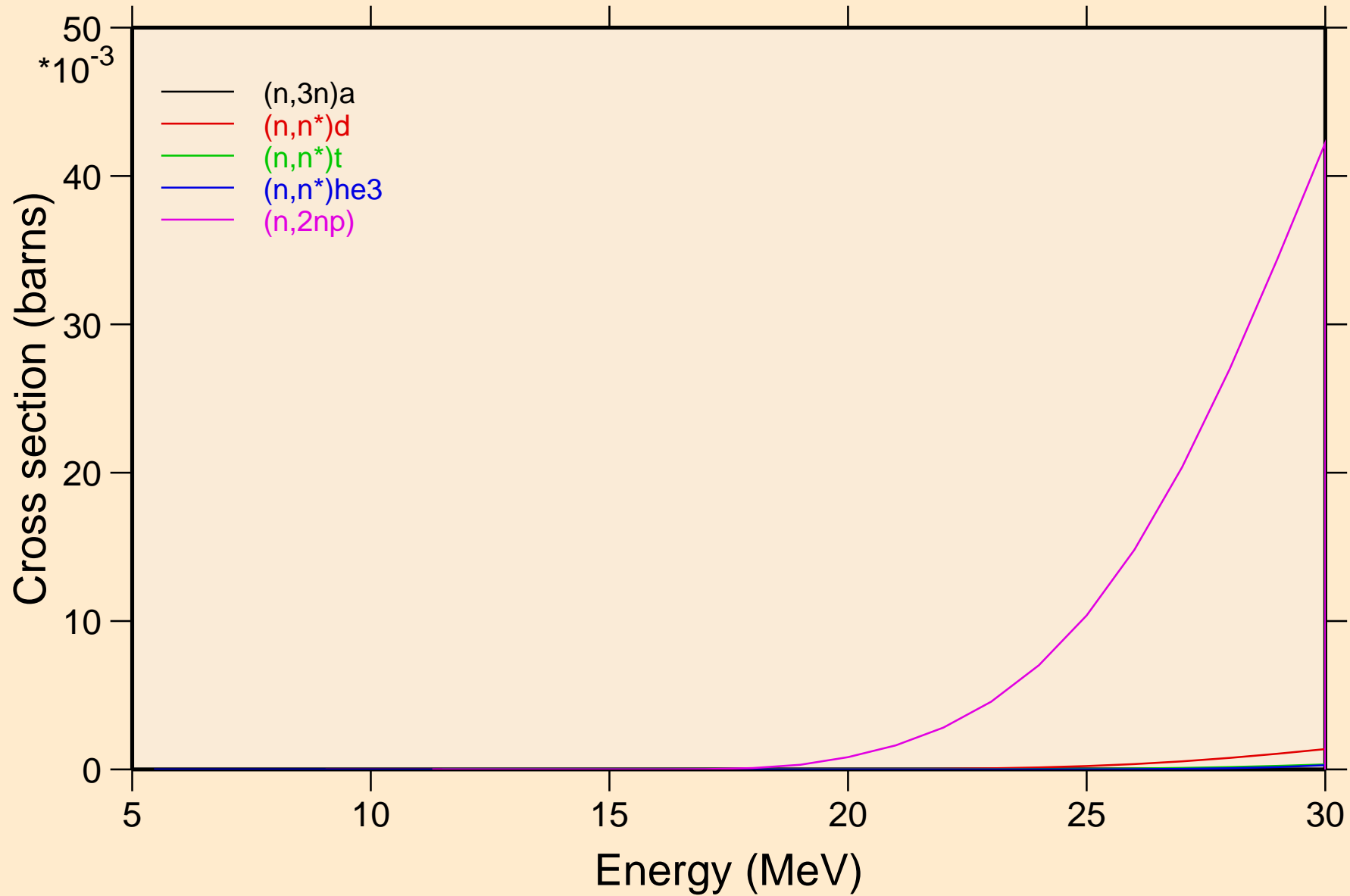
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

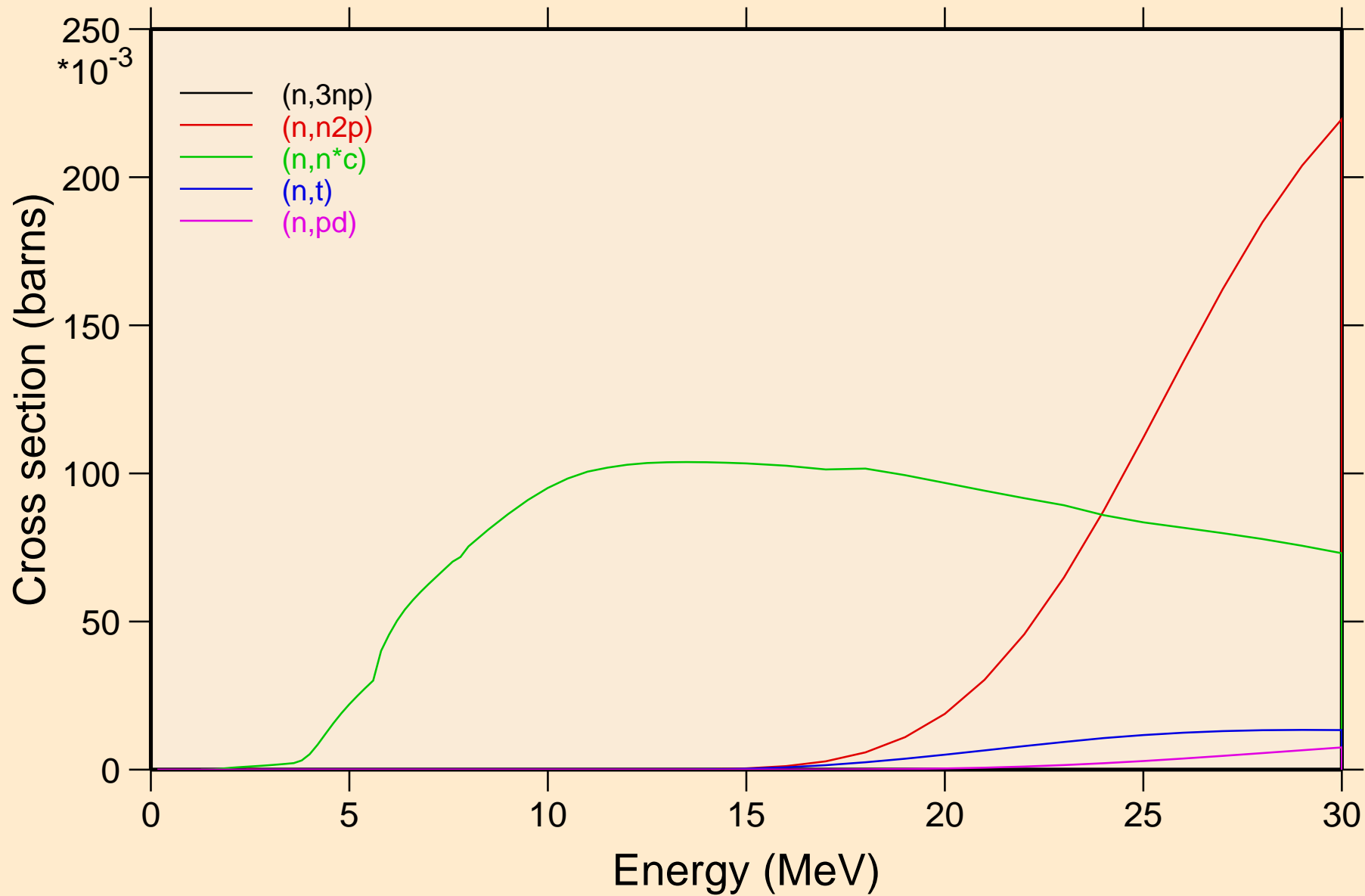


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

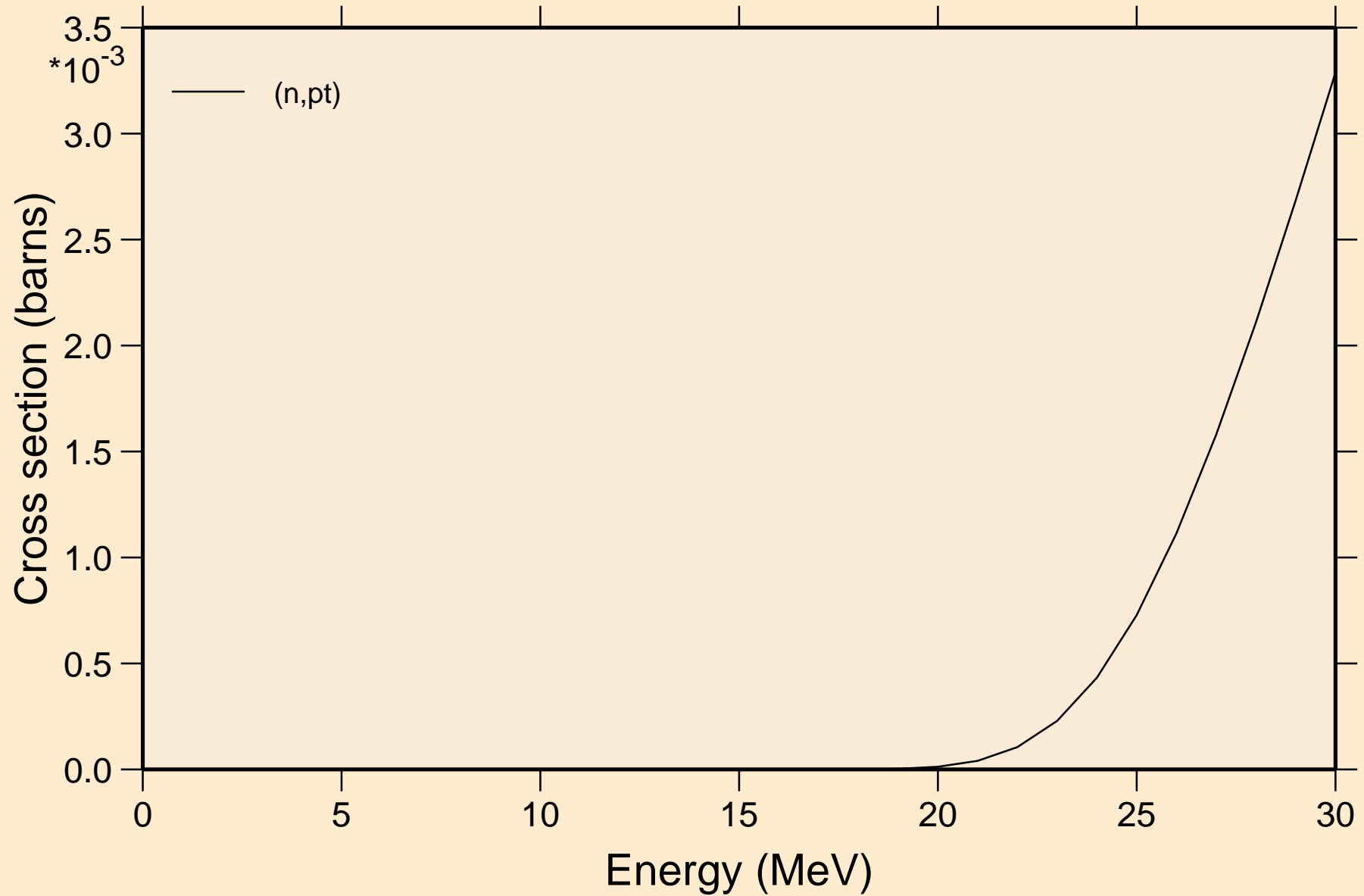


# TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

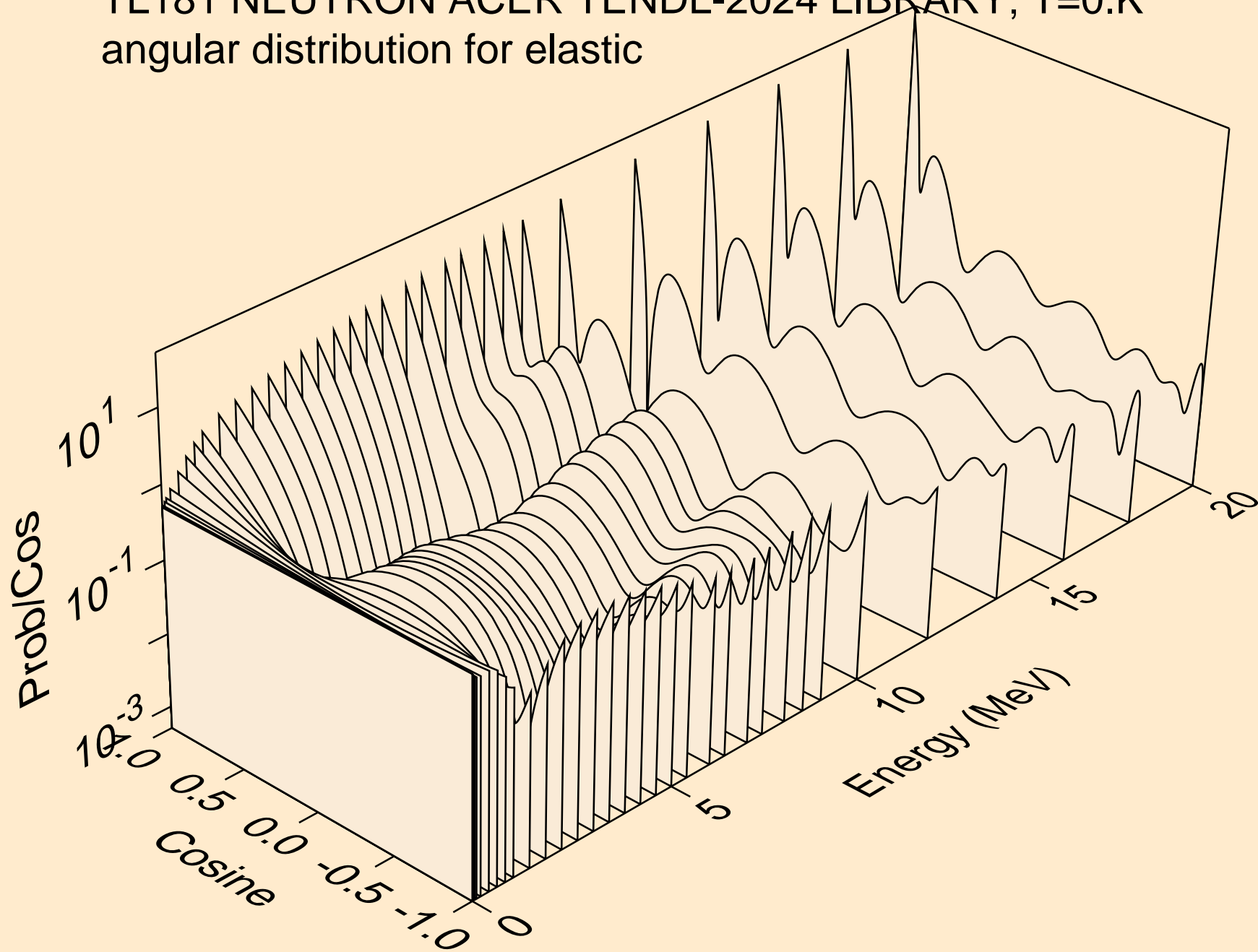
## Threshold reactions



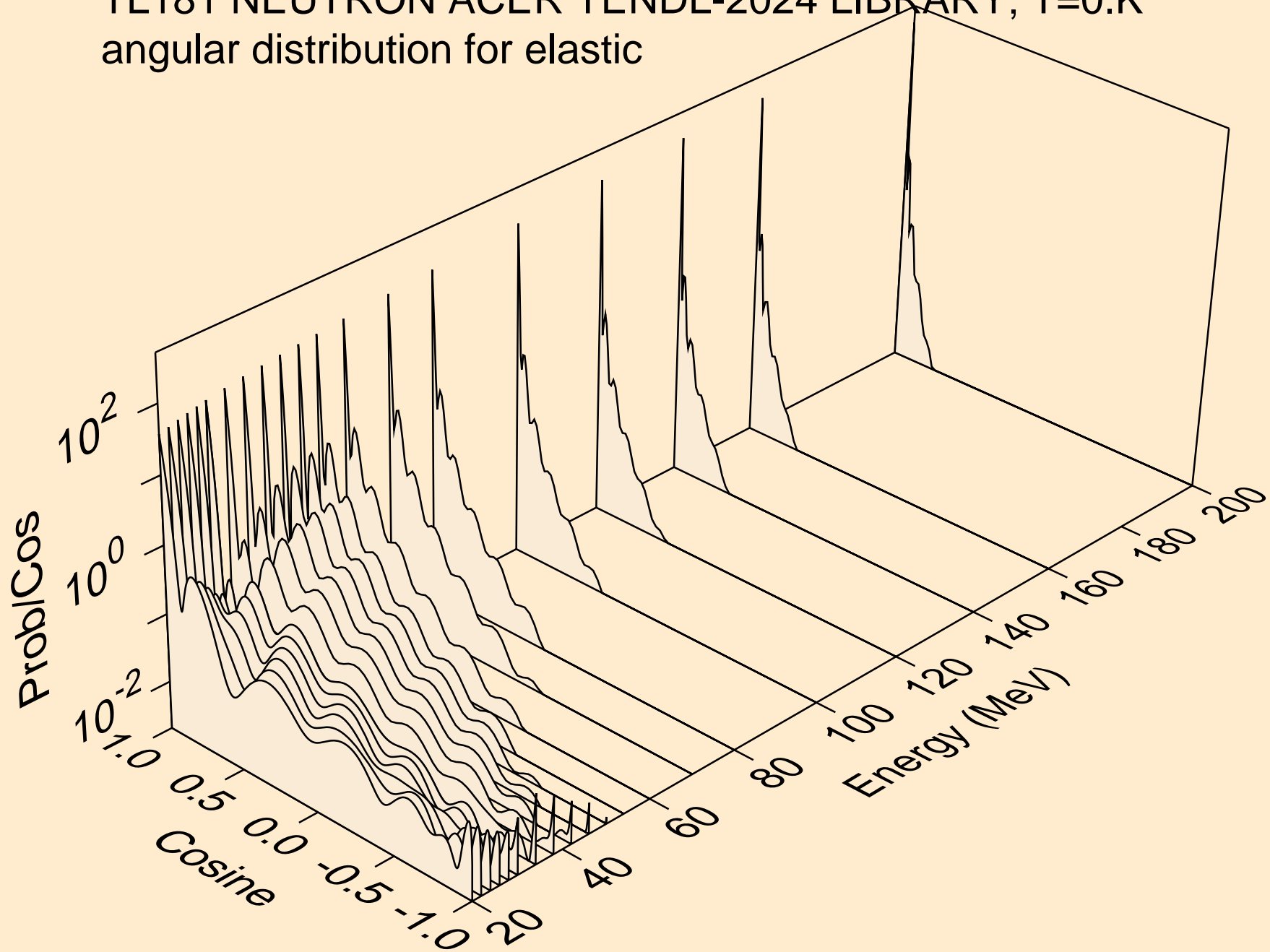
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



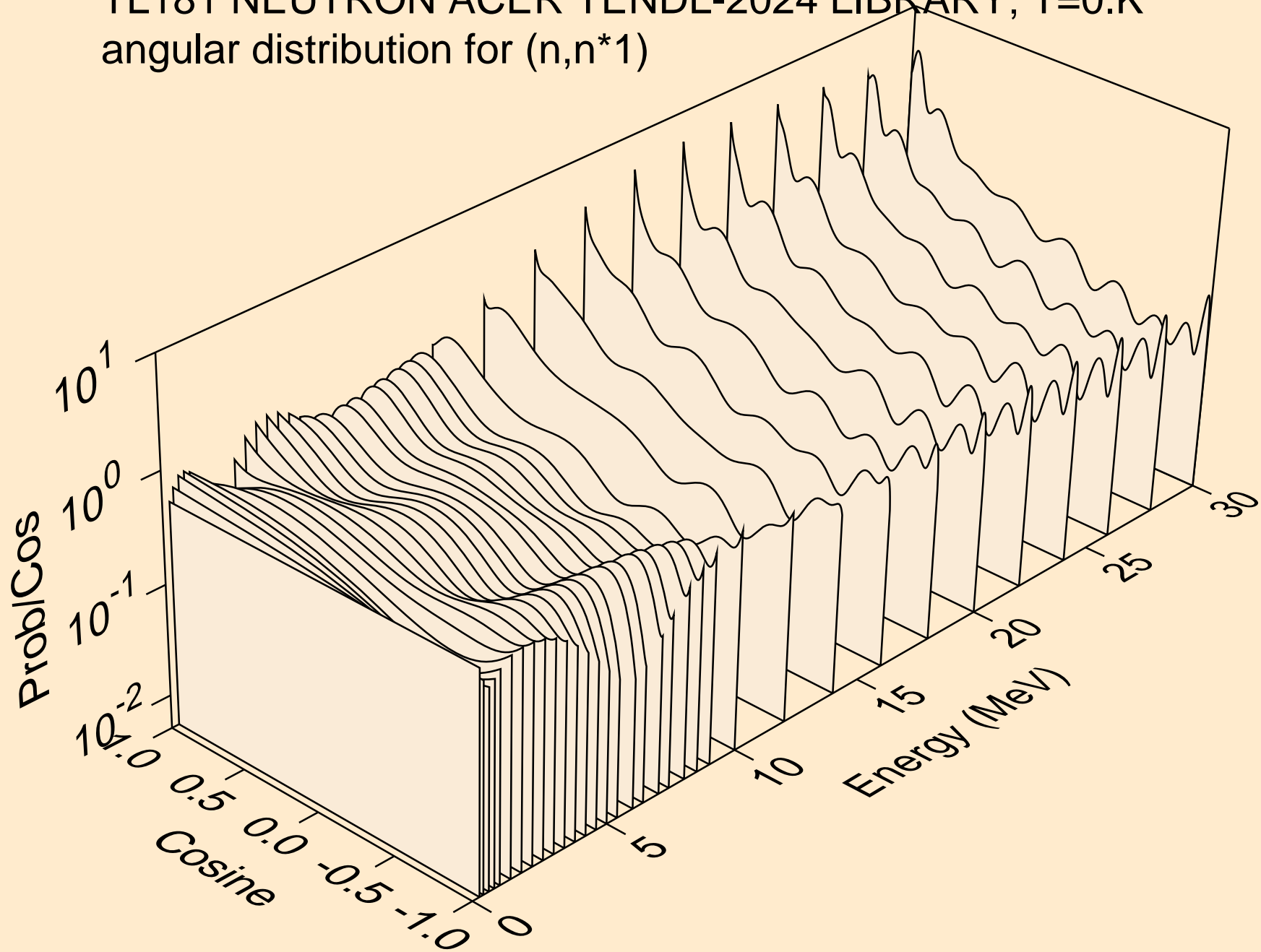
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

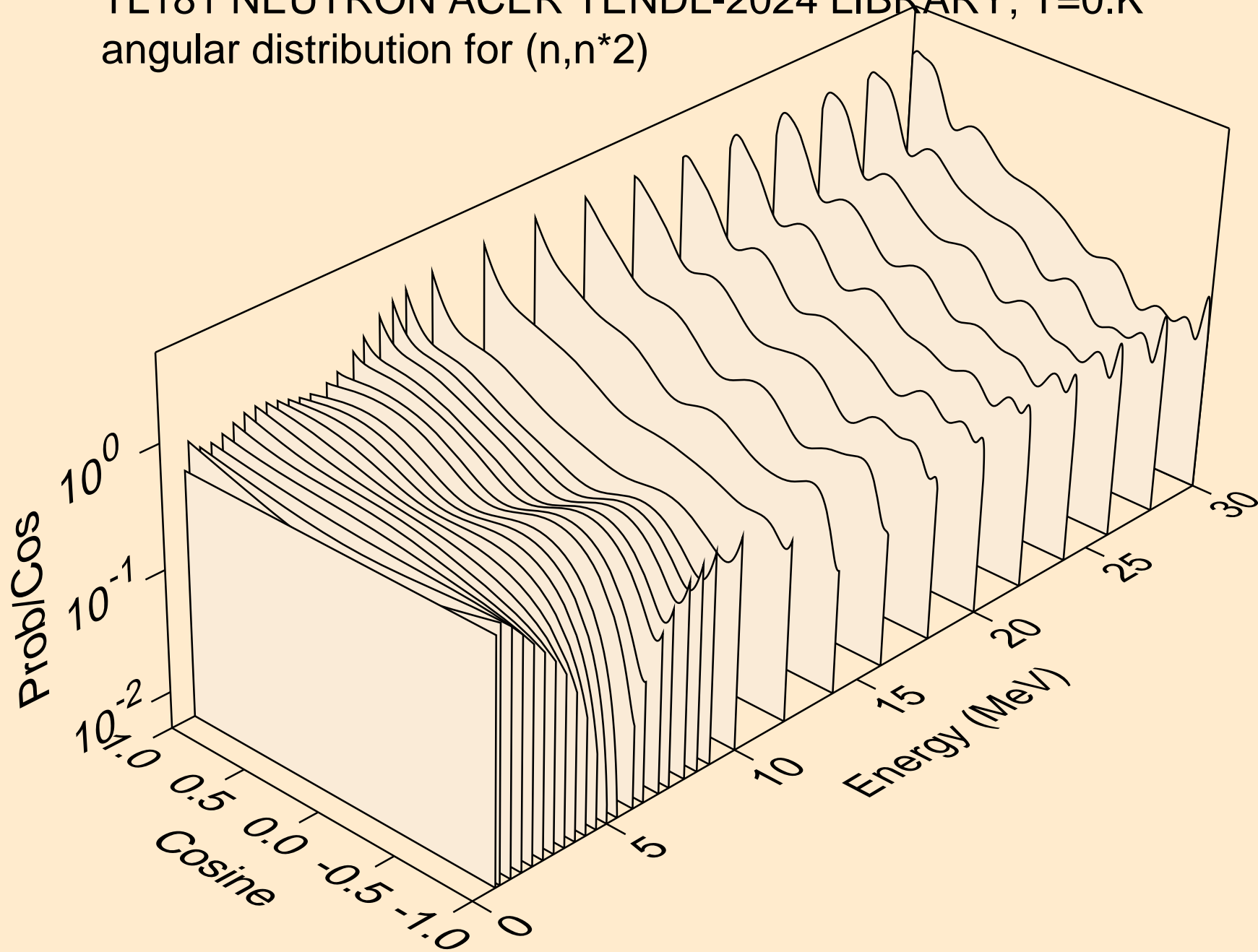


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

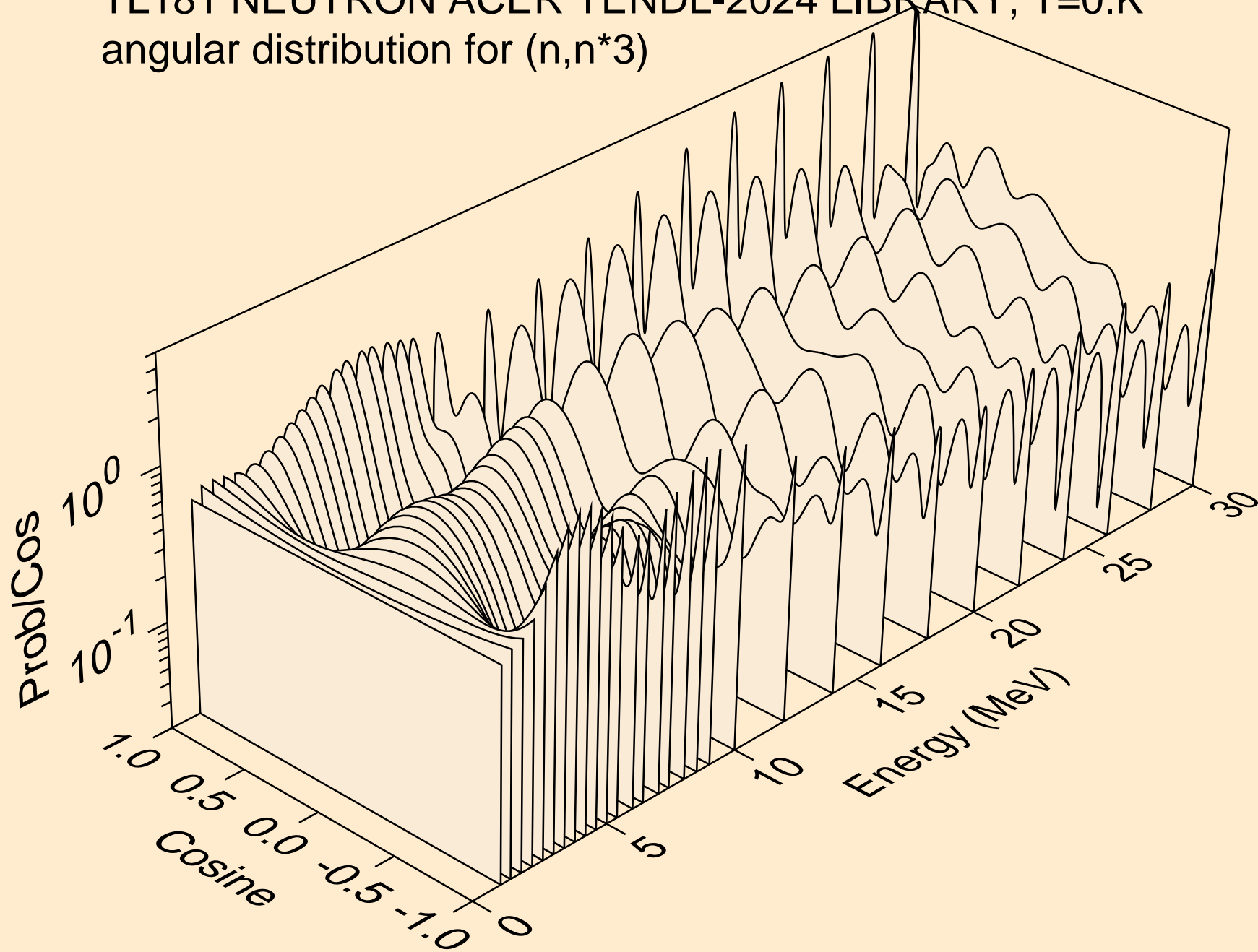




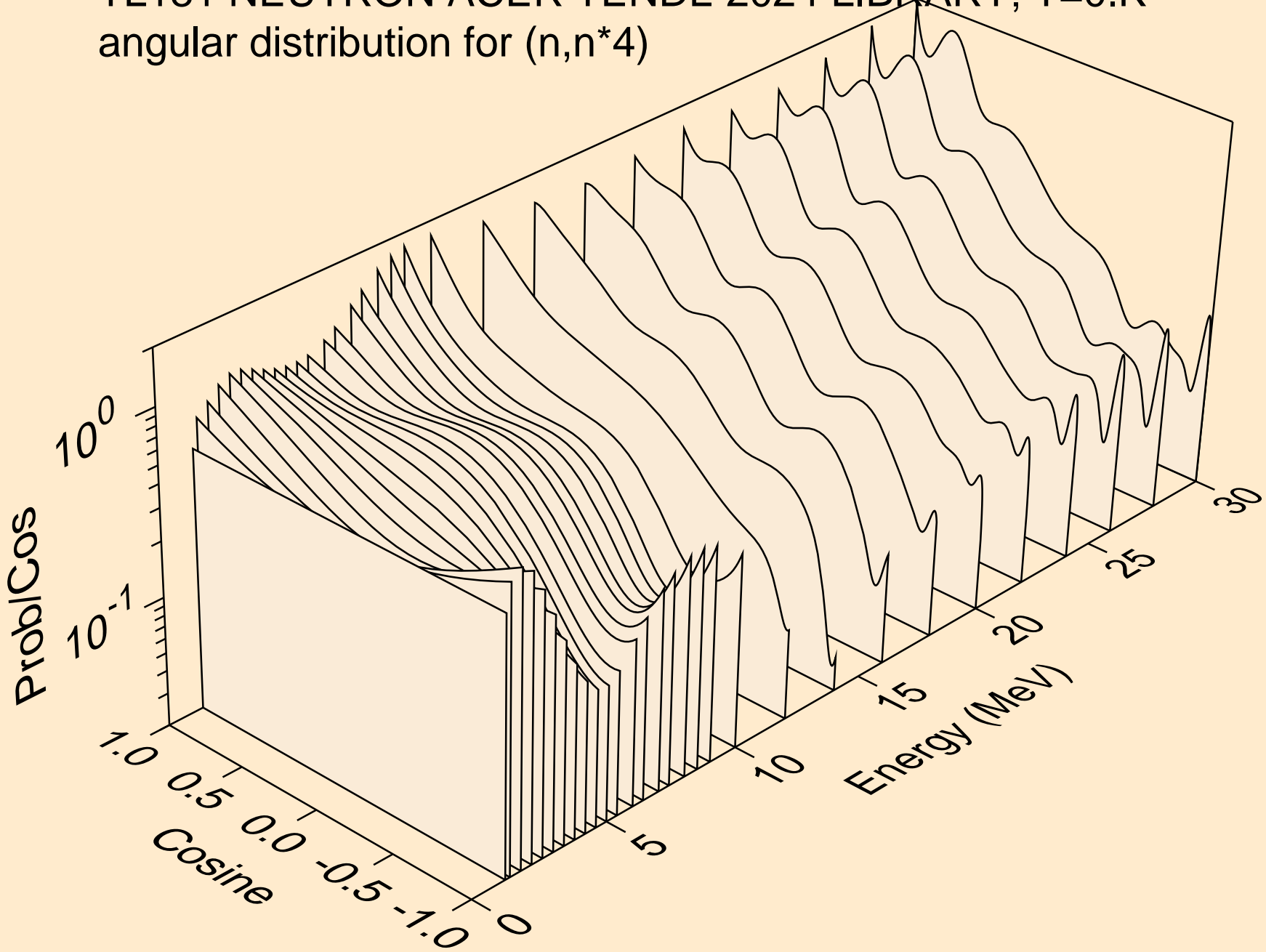
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



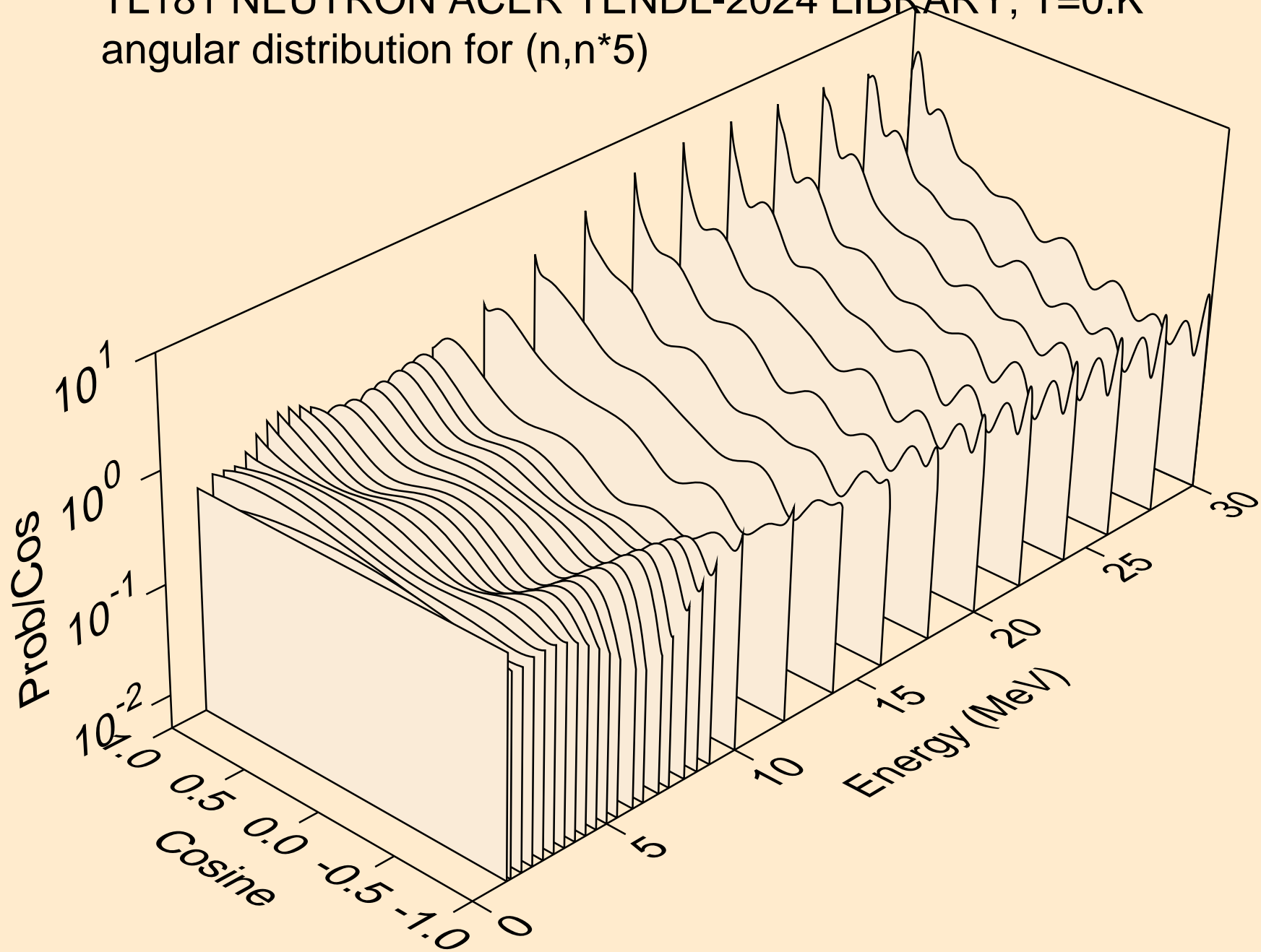
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



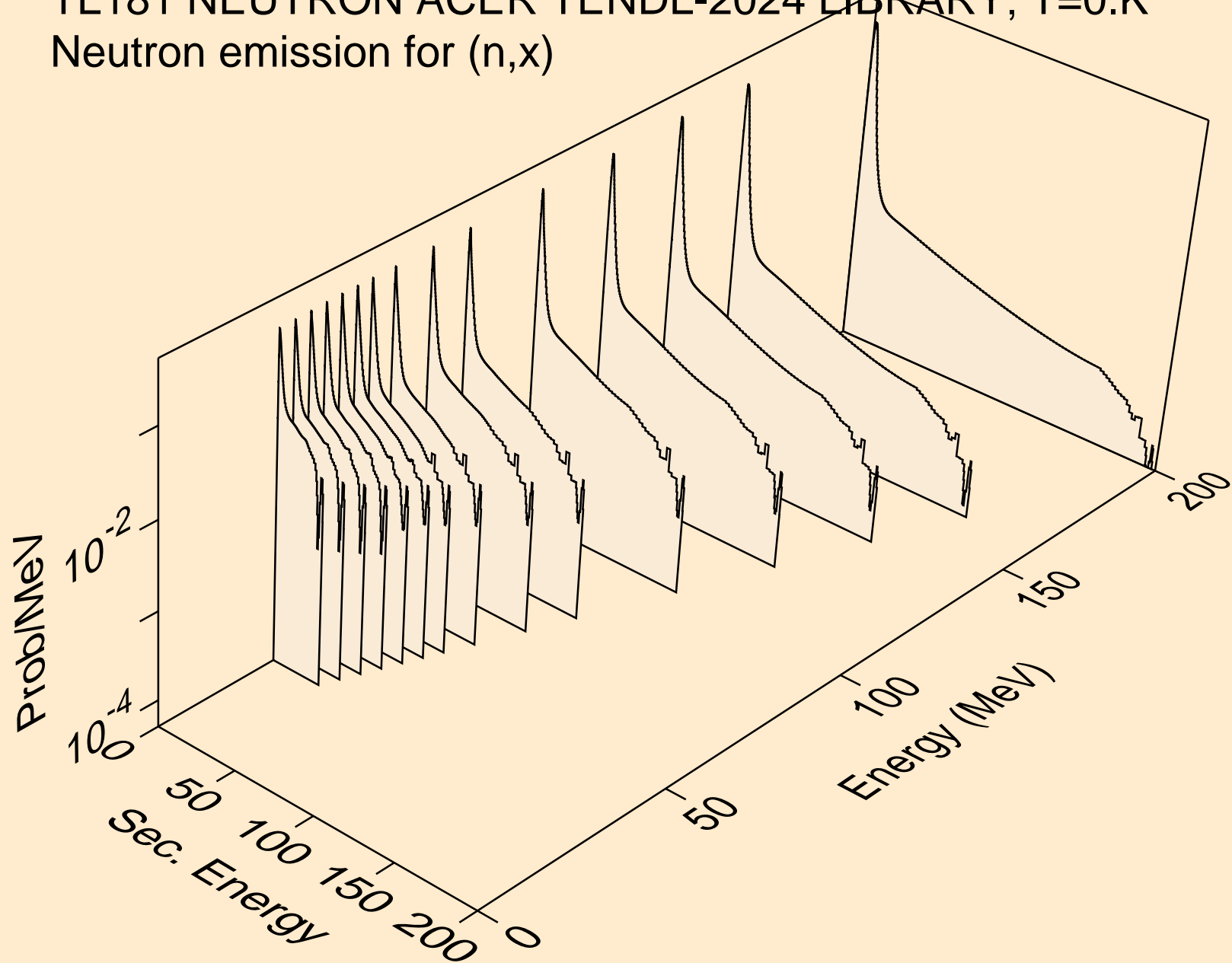
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



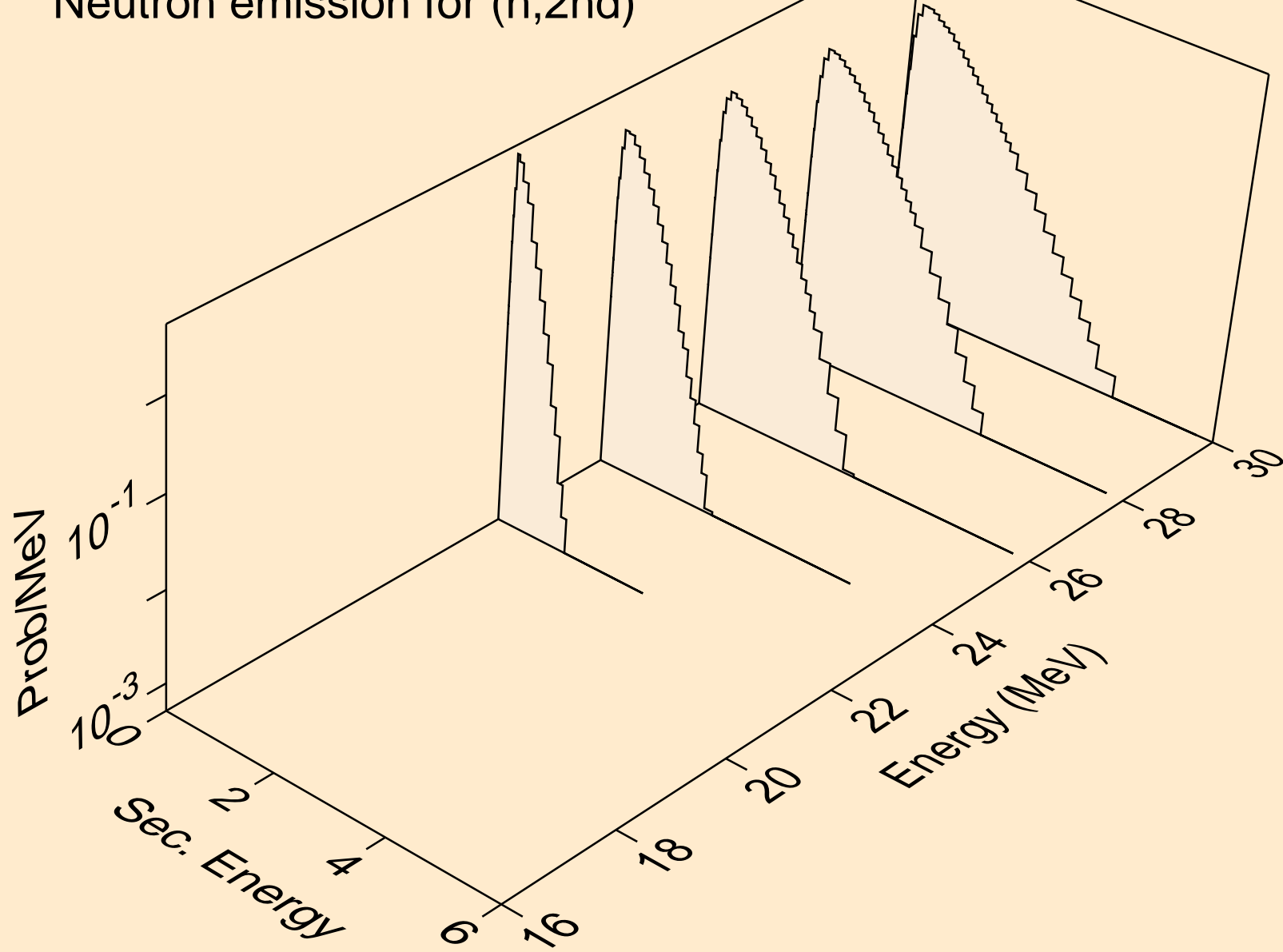
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



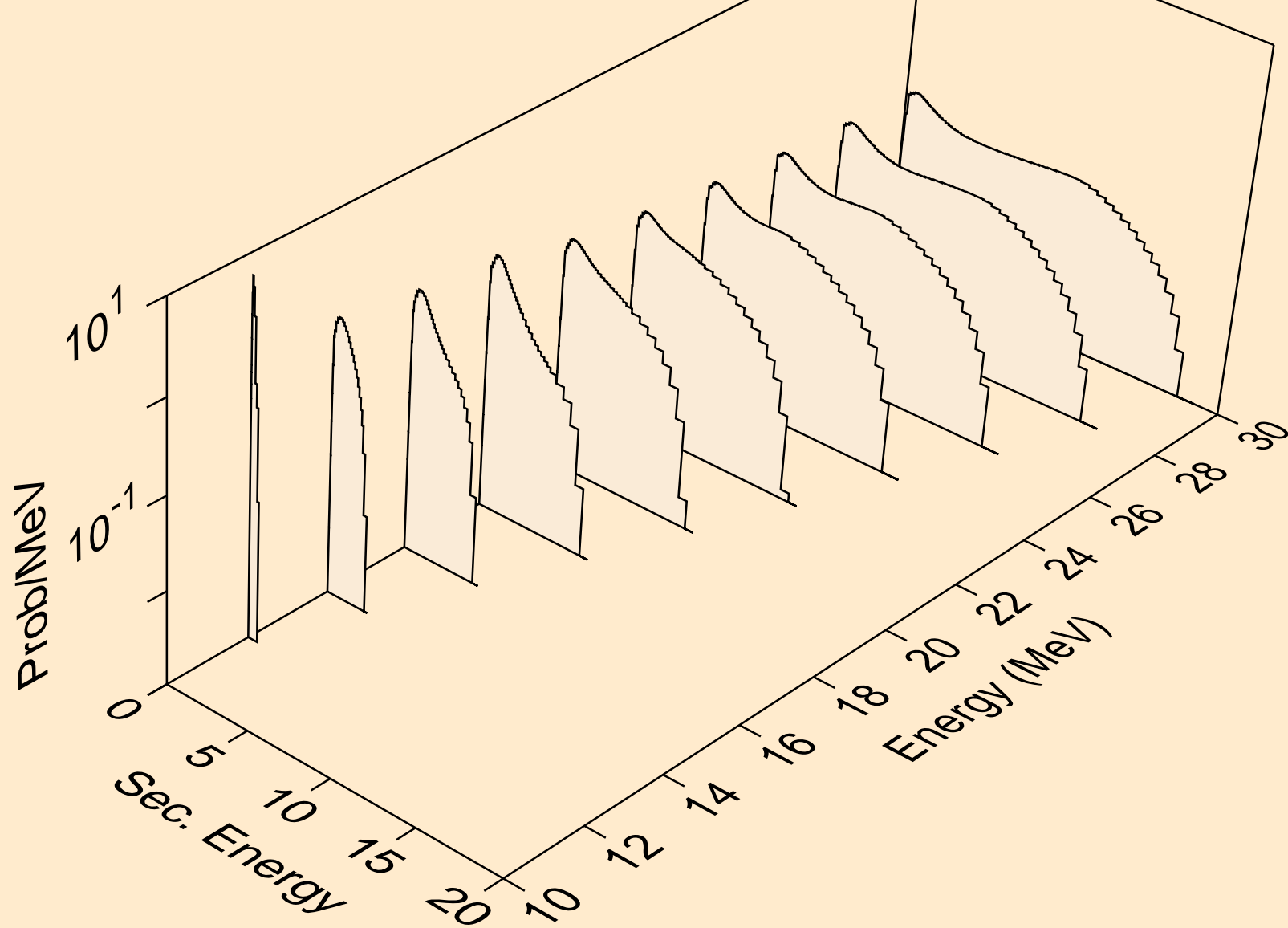
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



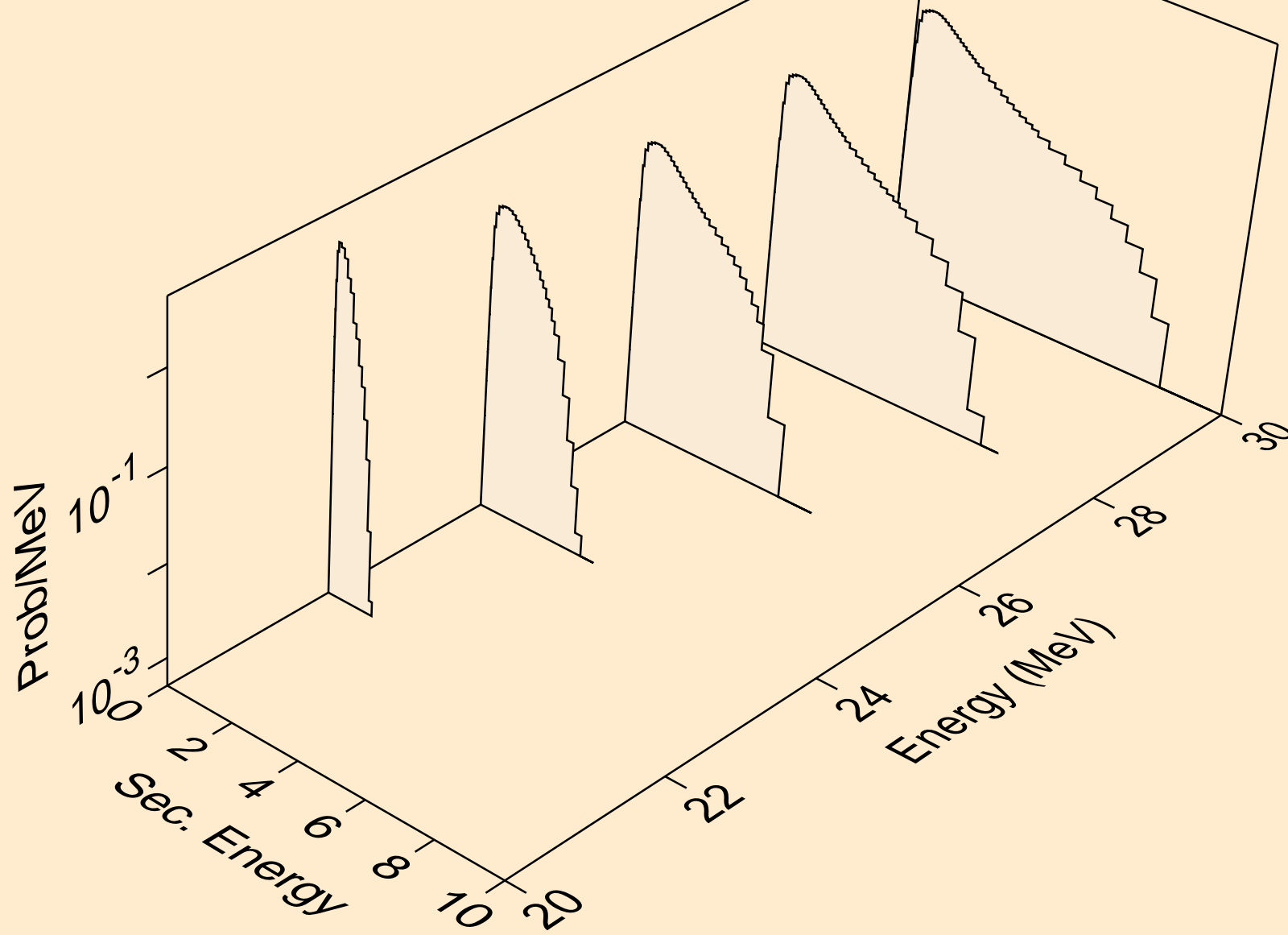
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

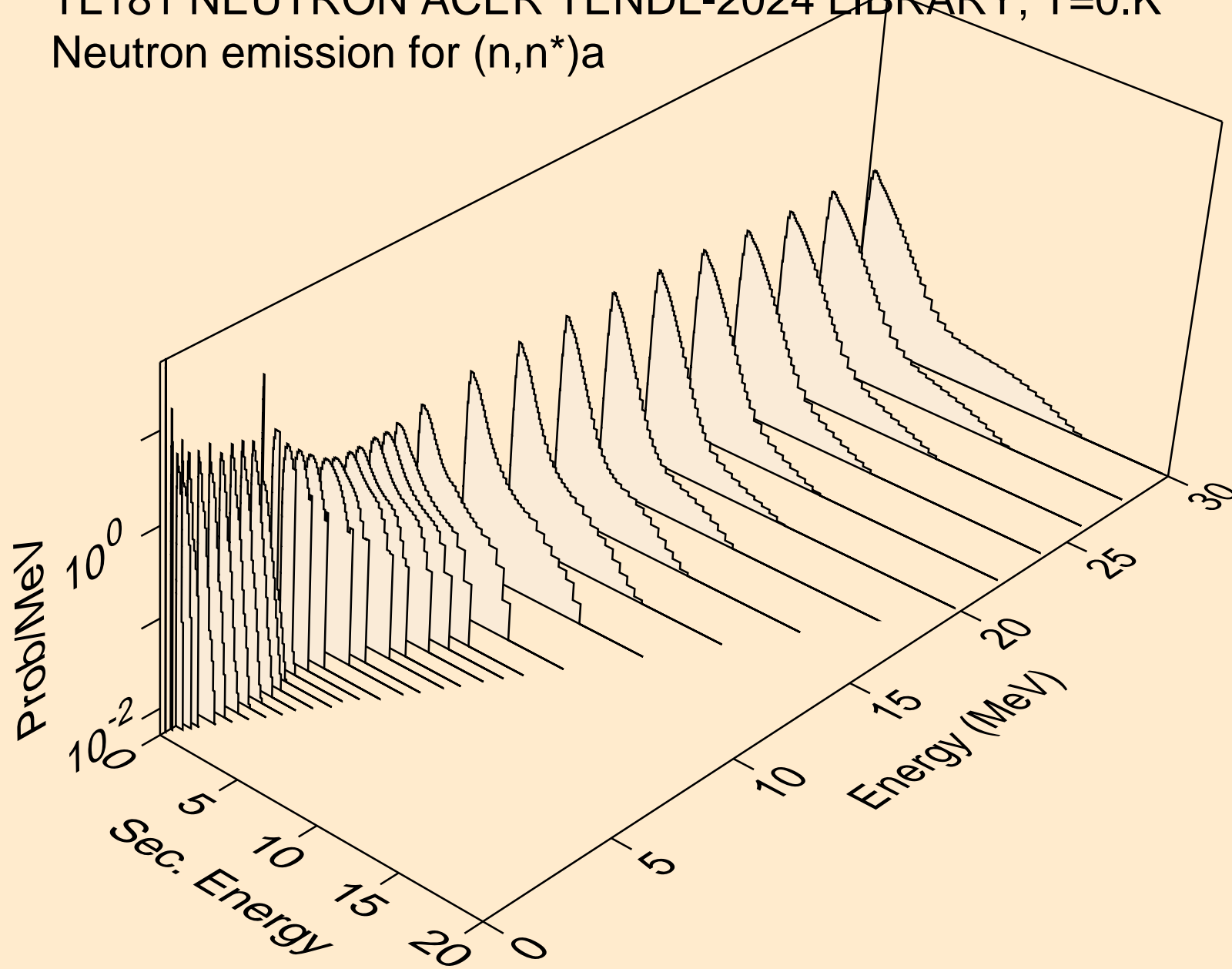


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

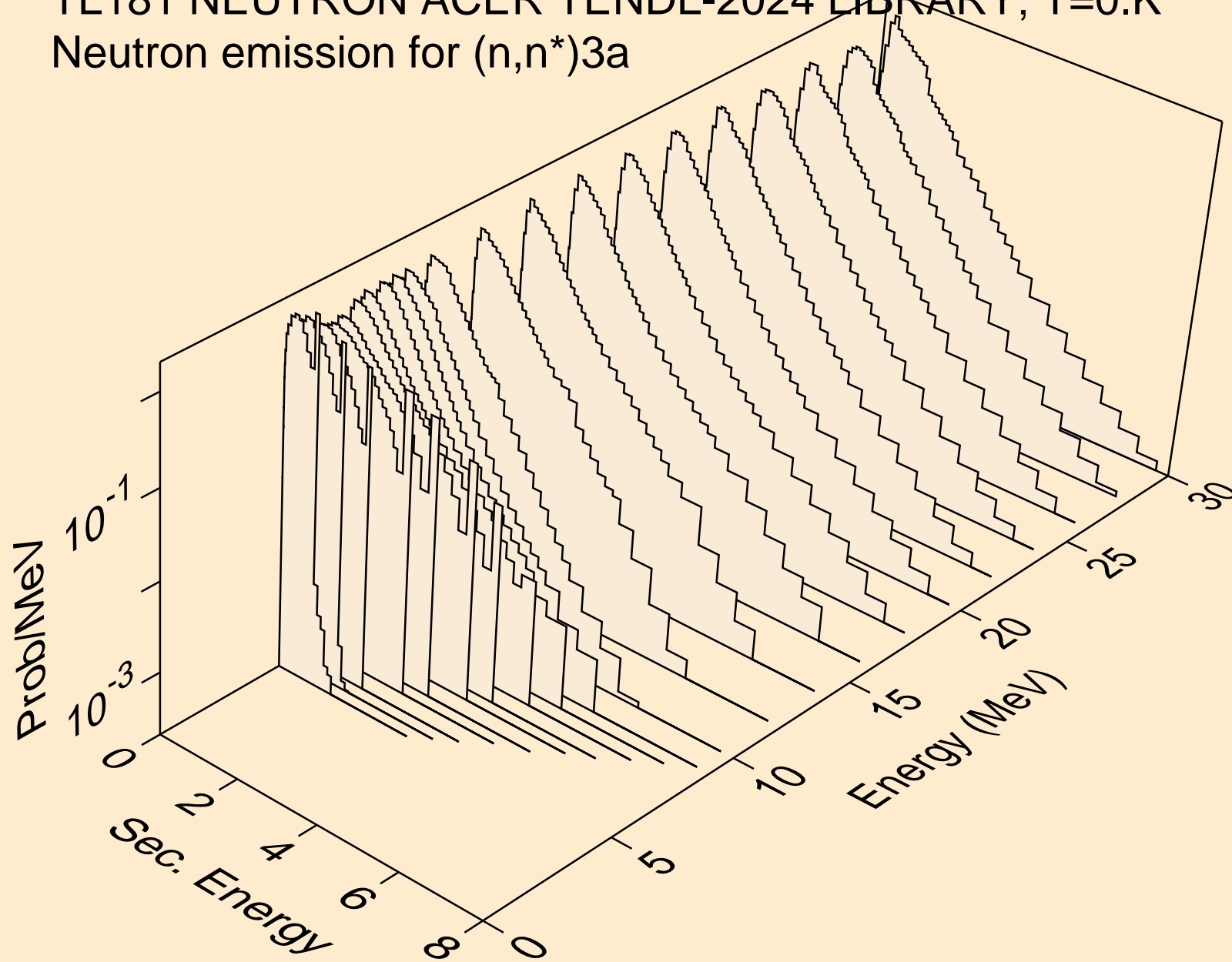




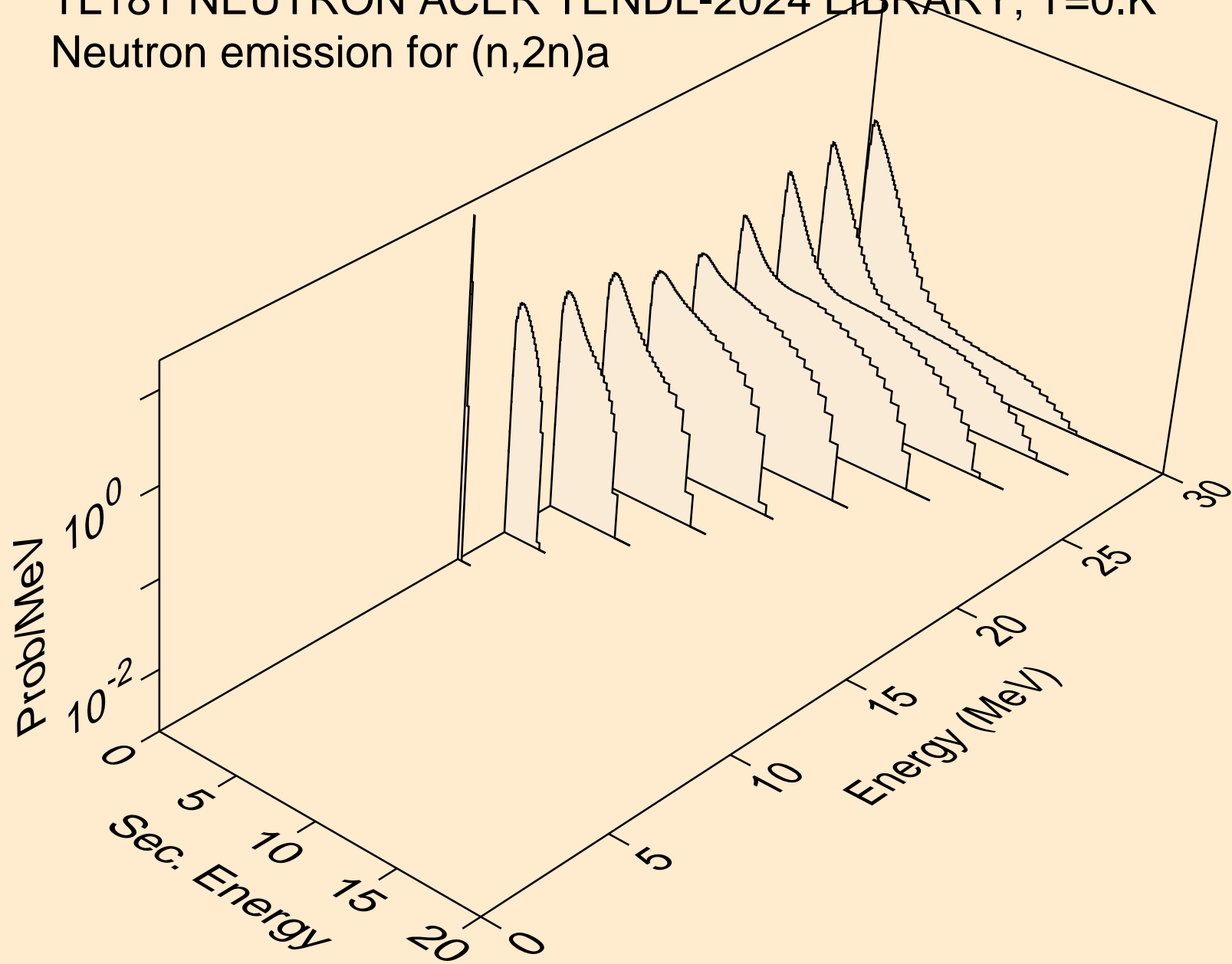
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



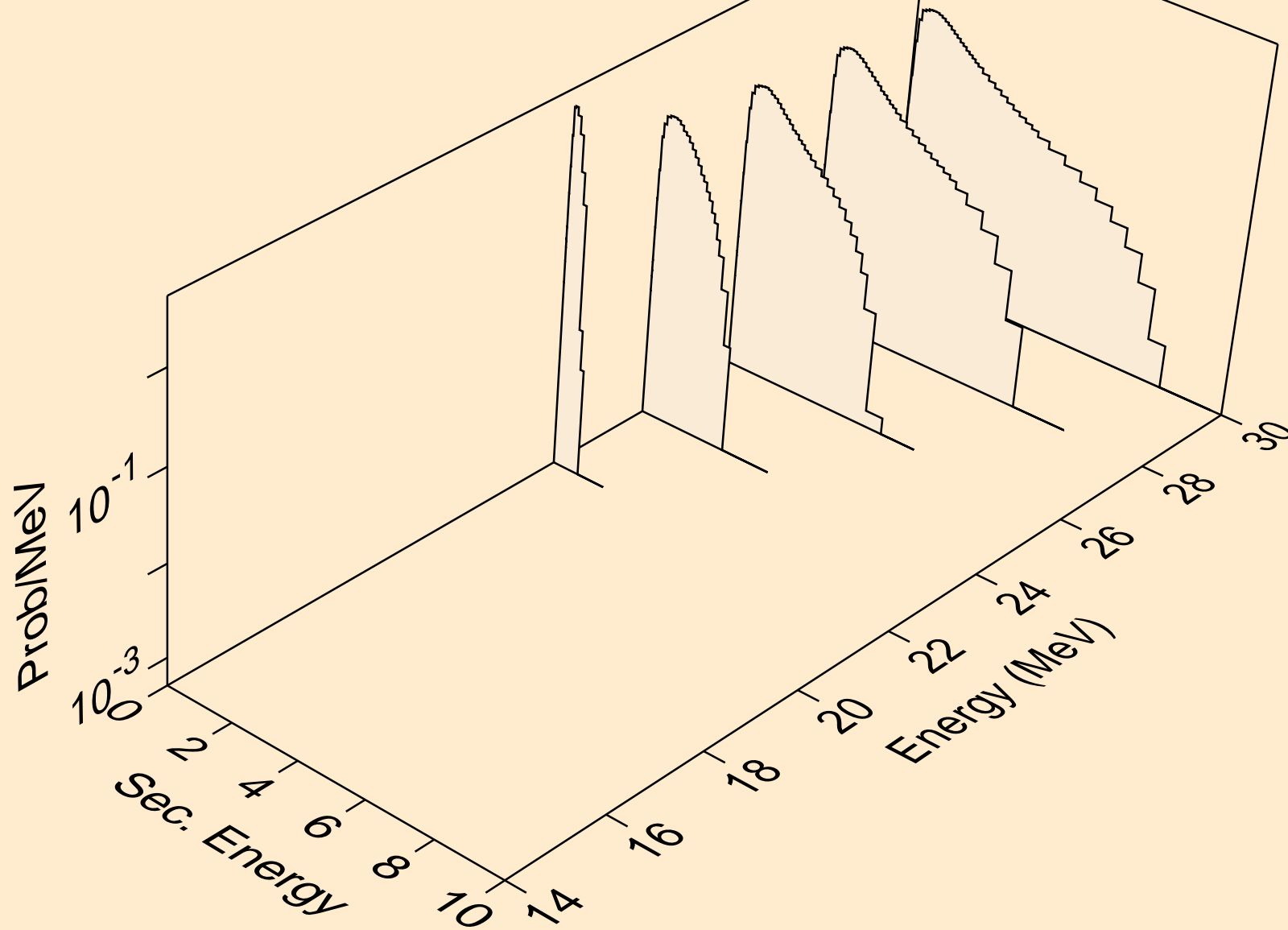
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)3a



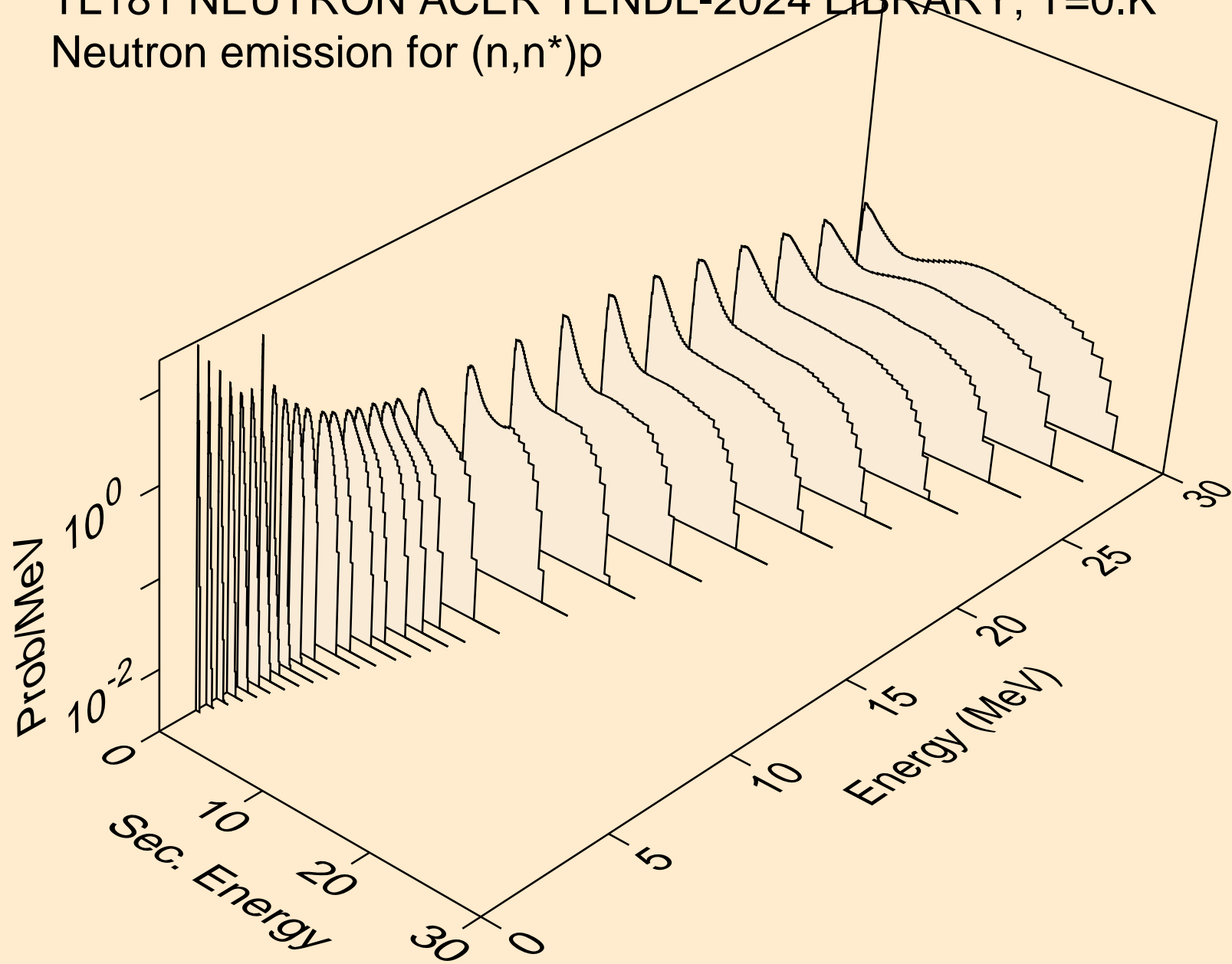
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



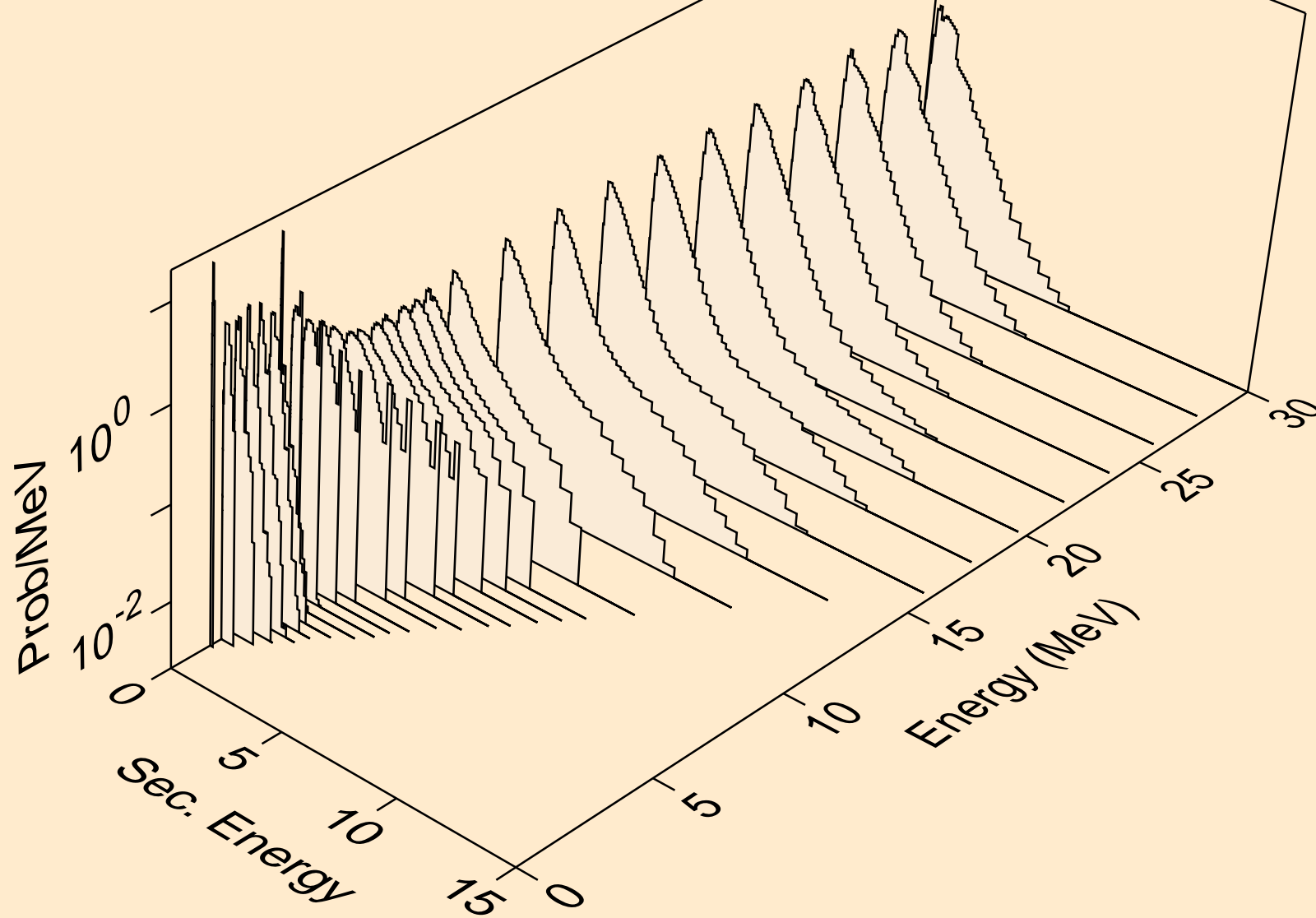
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



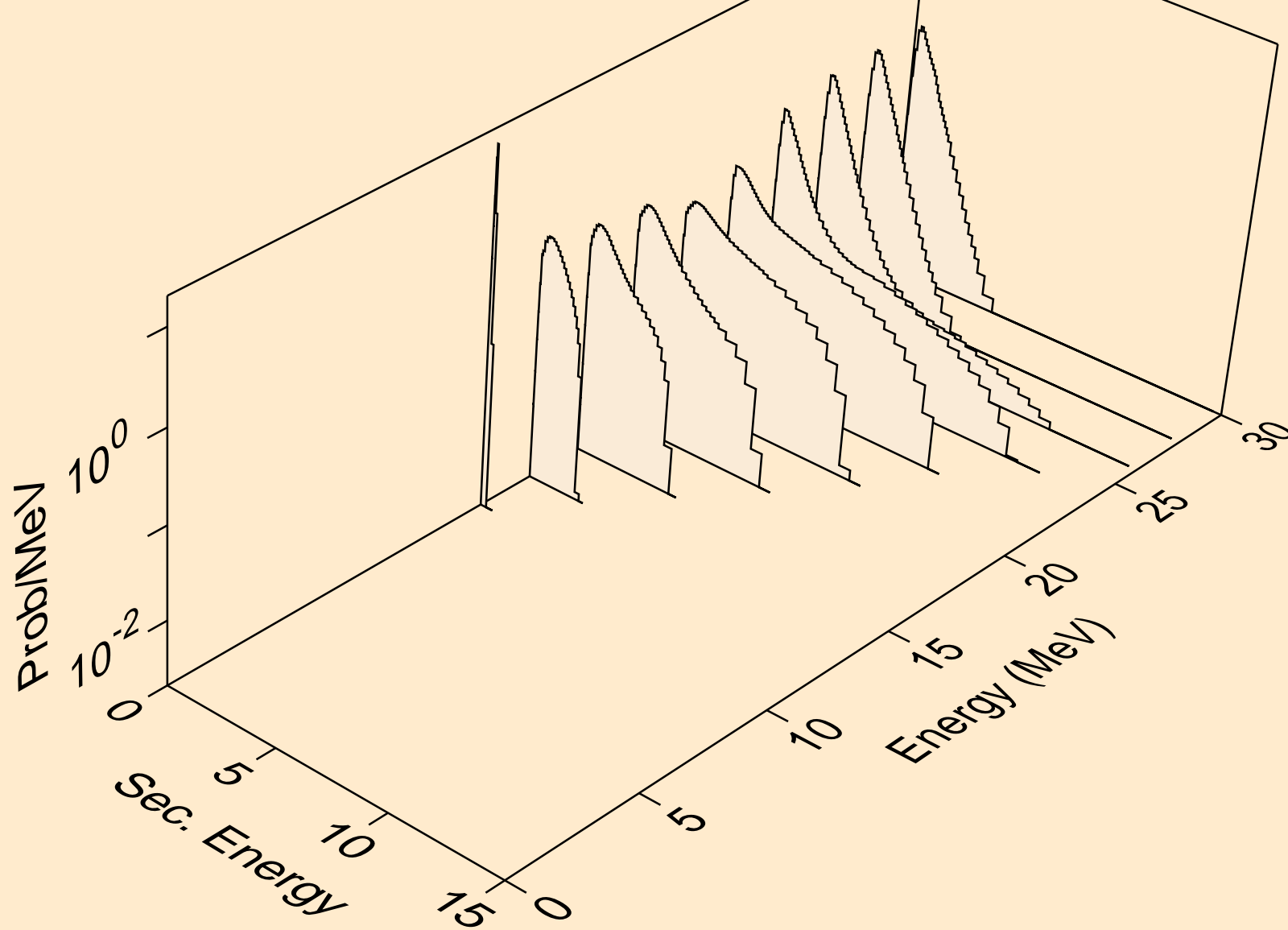
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



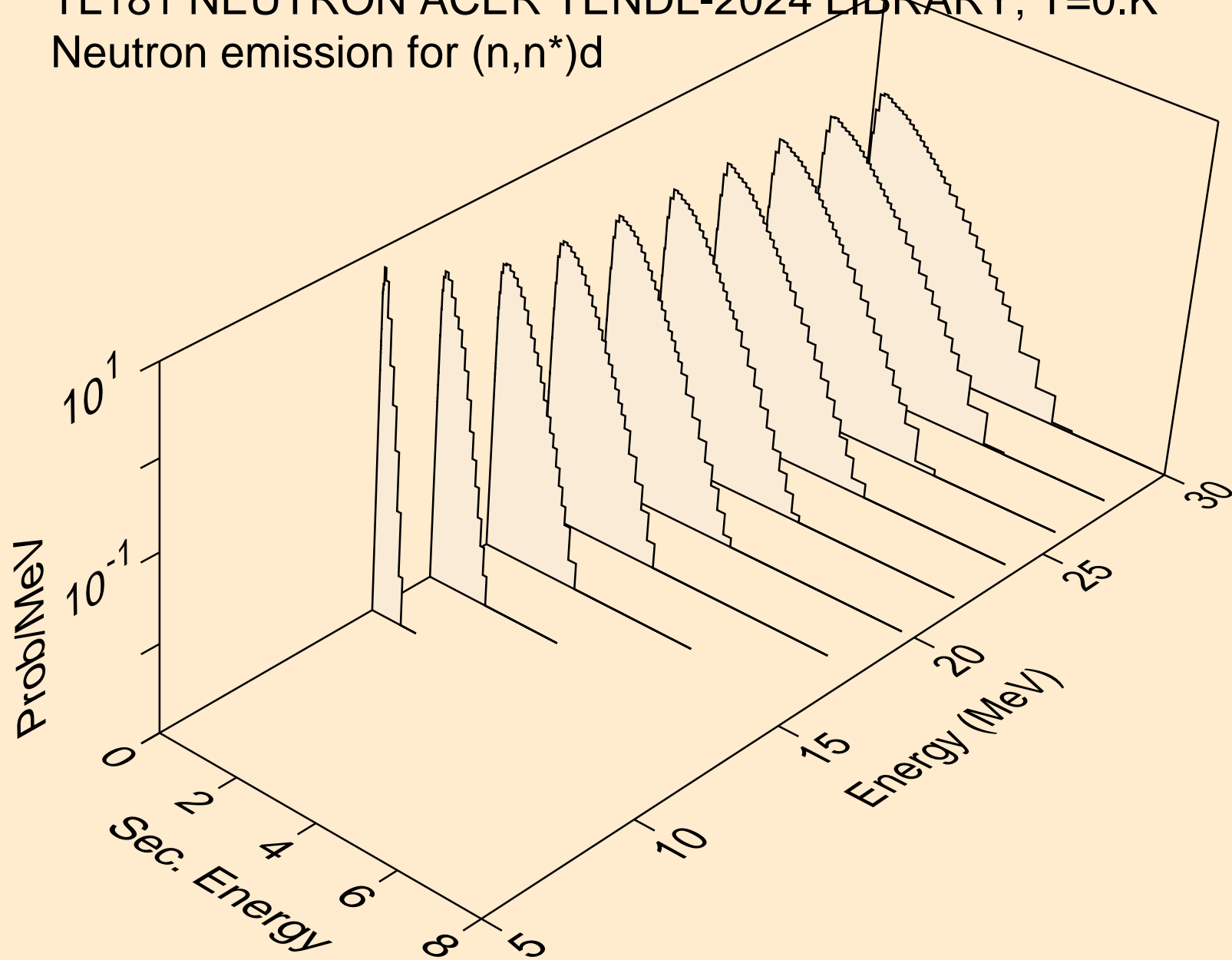
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

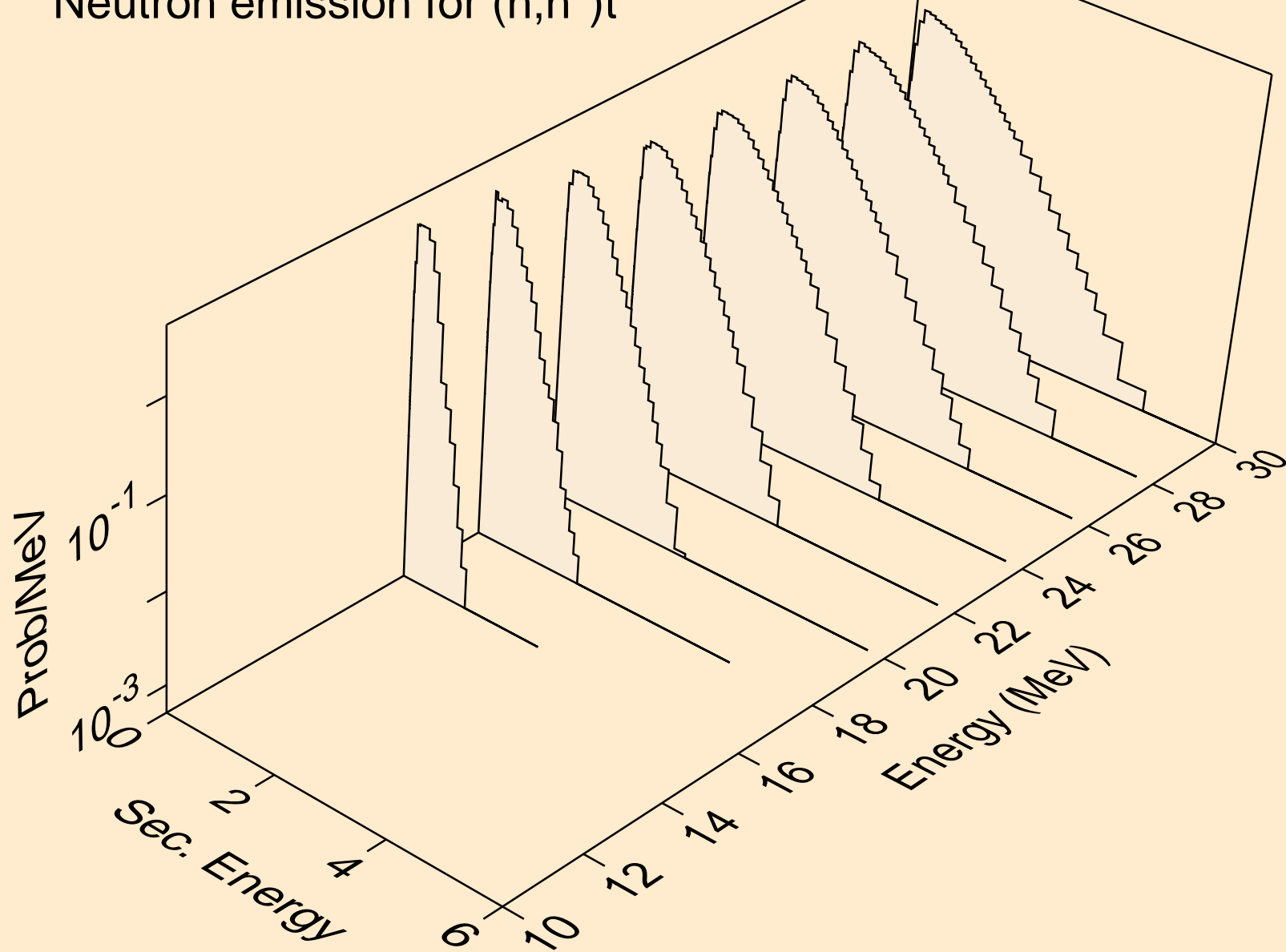


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

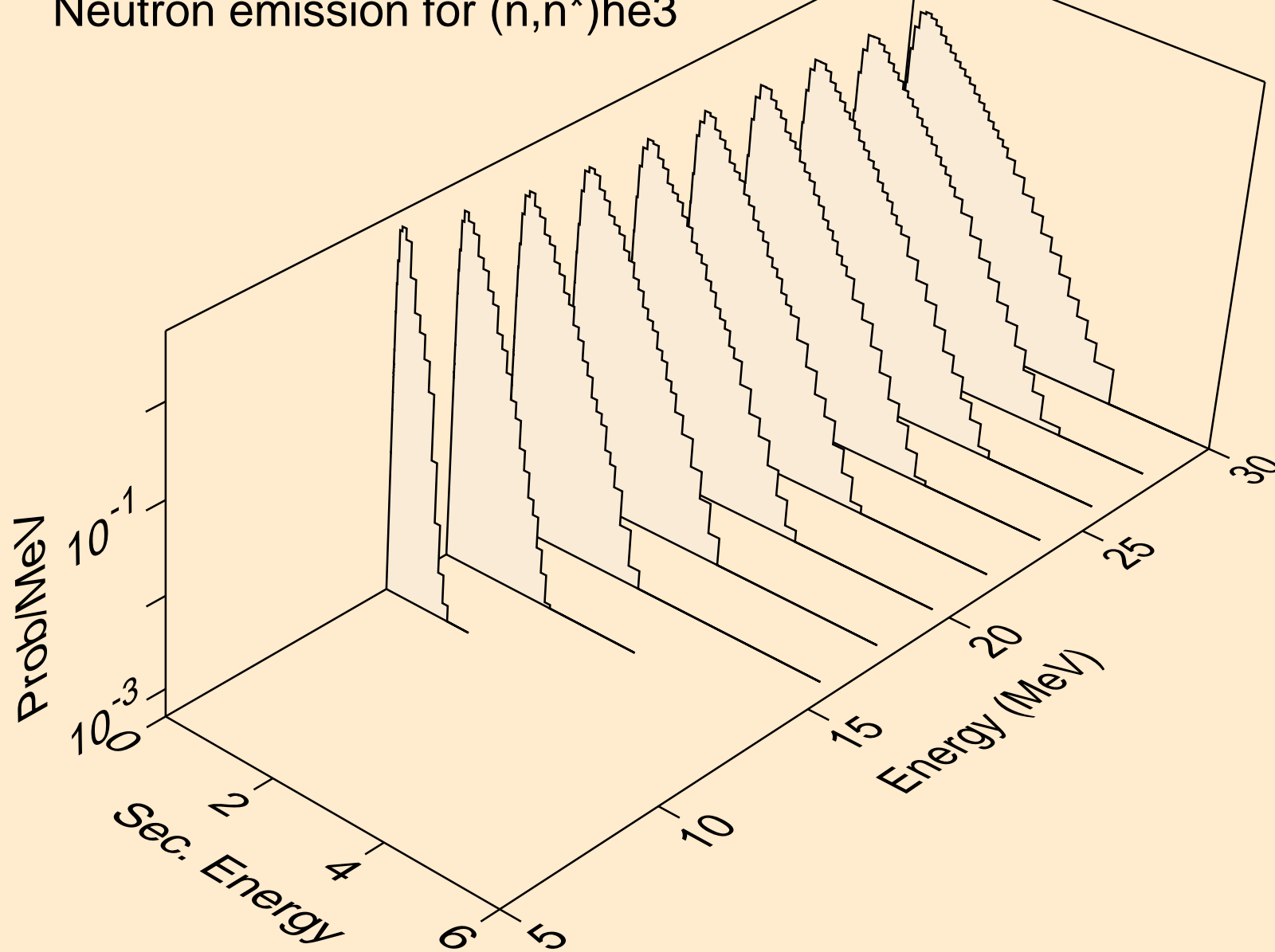




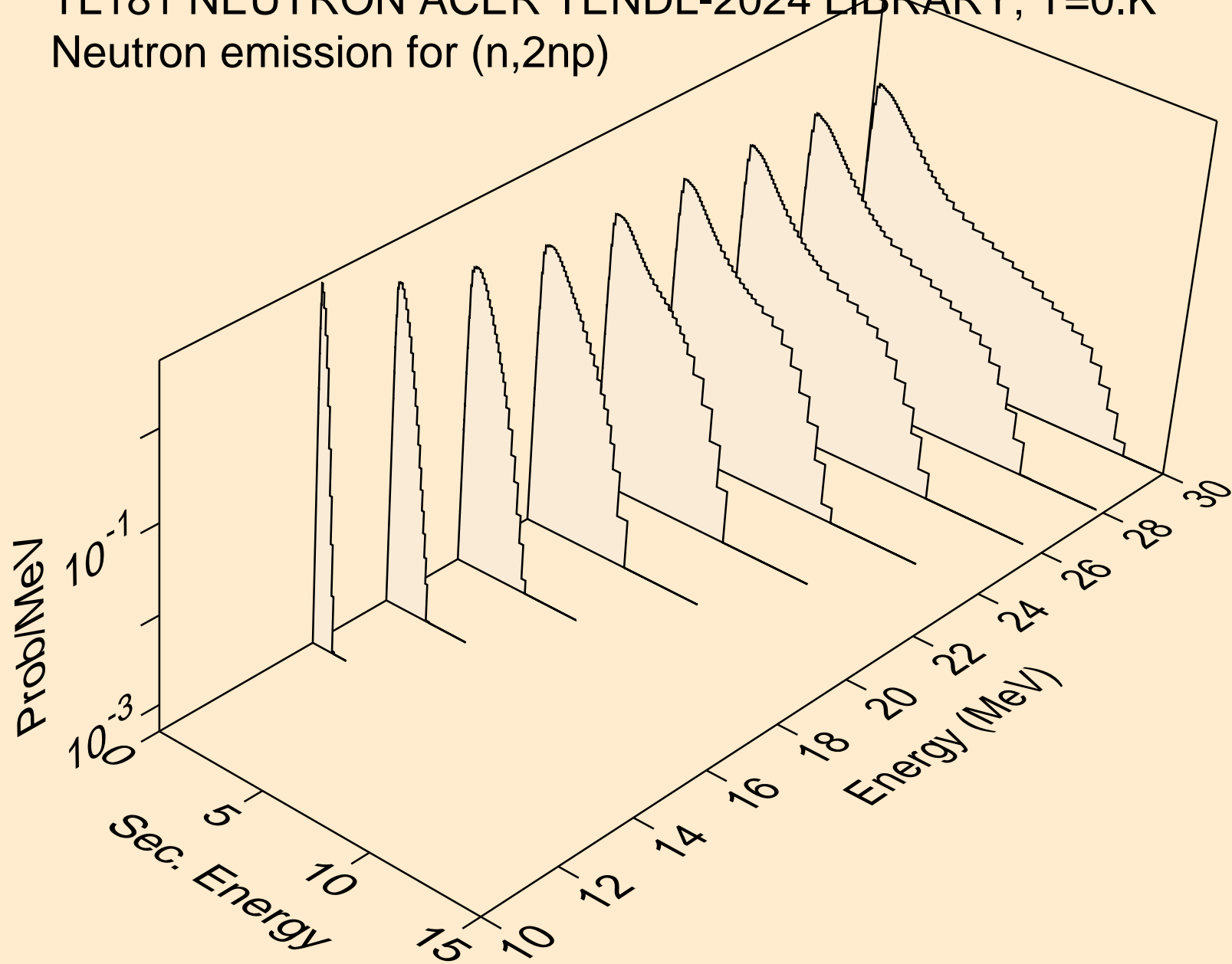
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



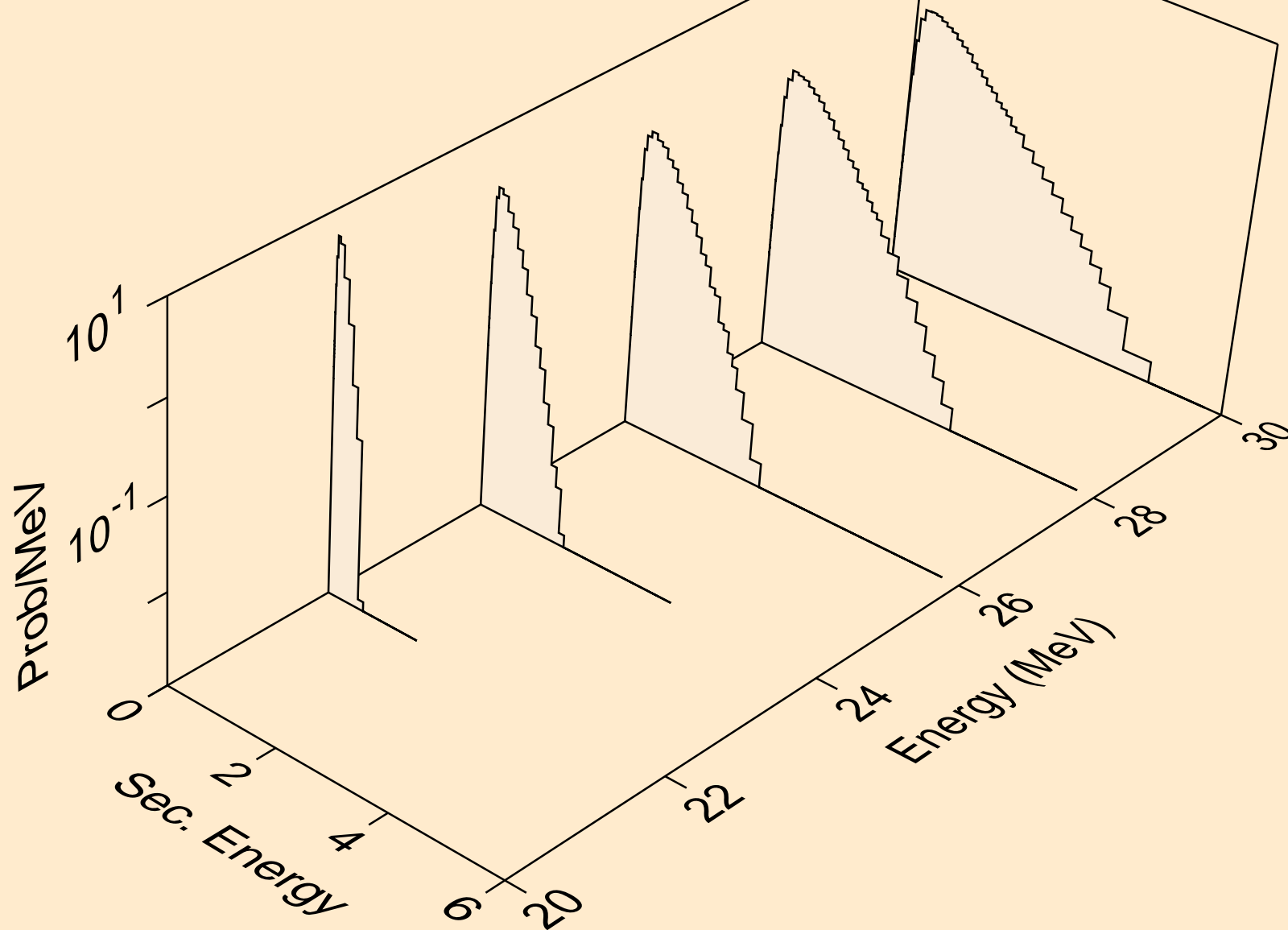
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



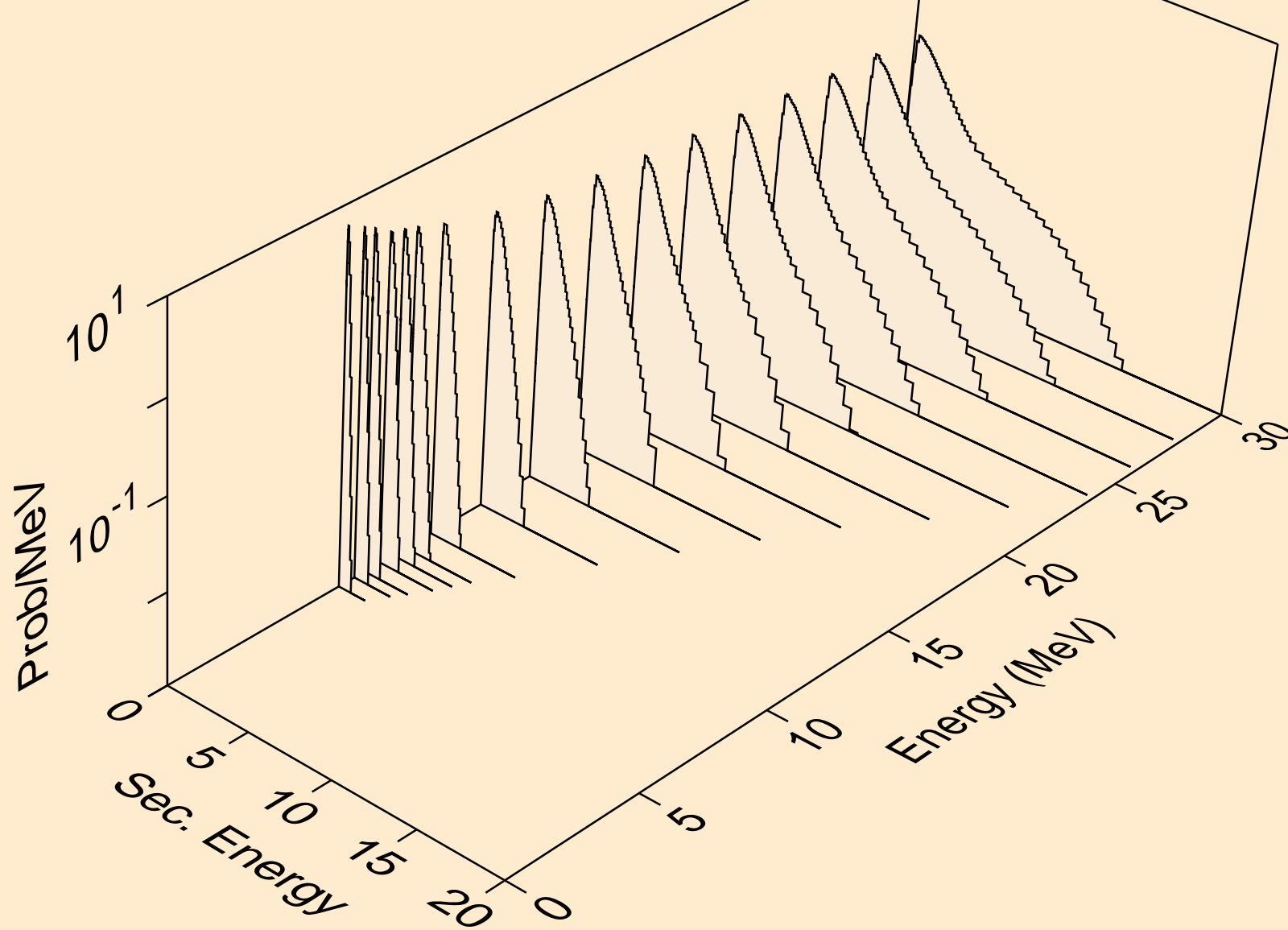
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



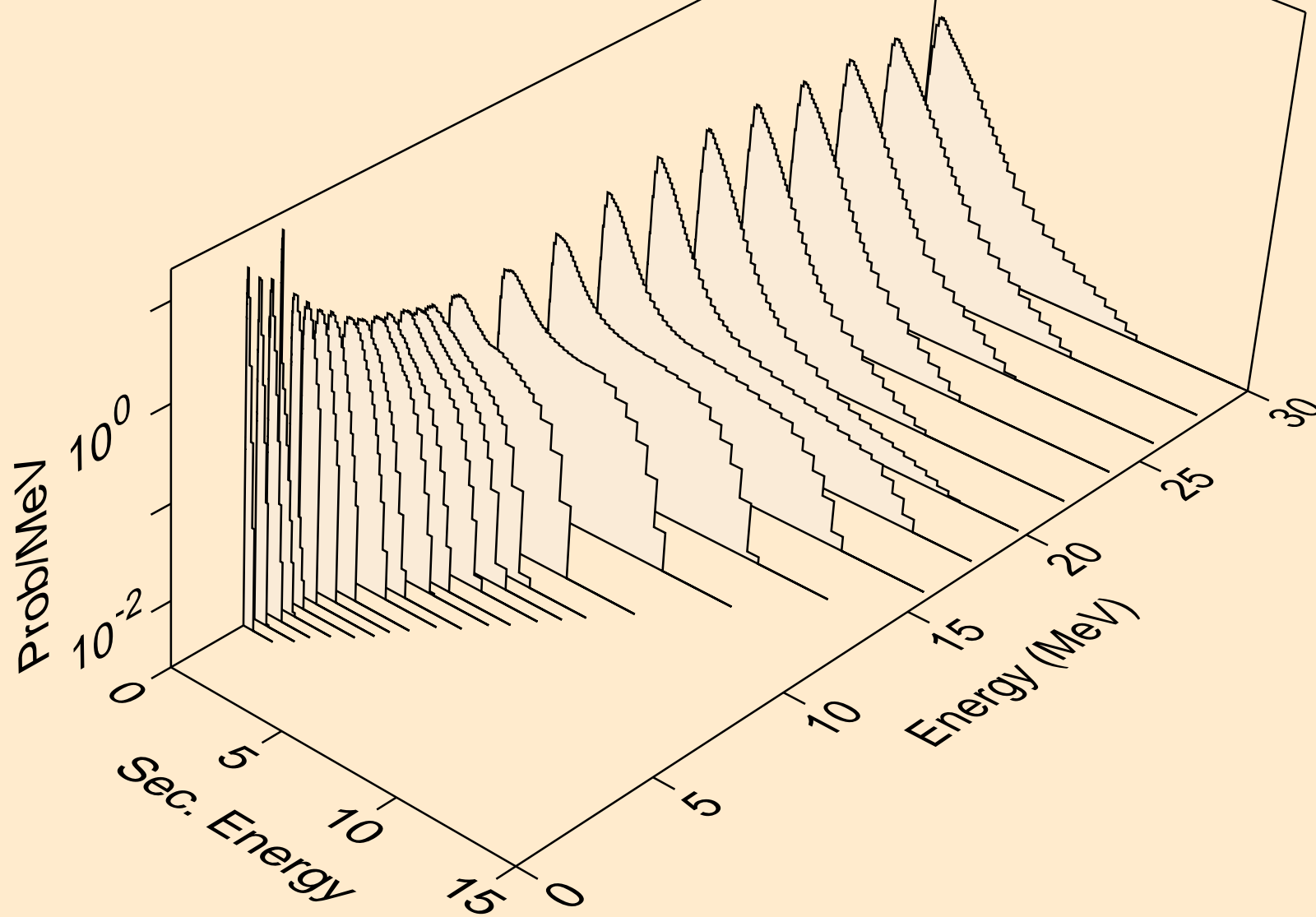
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



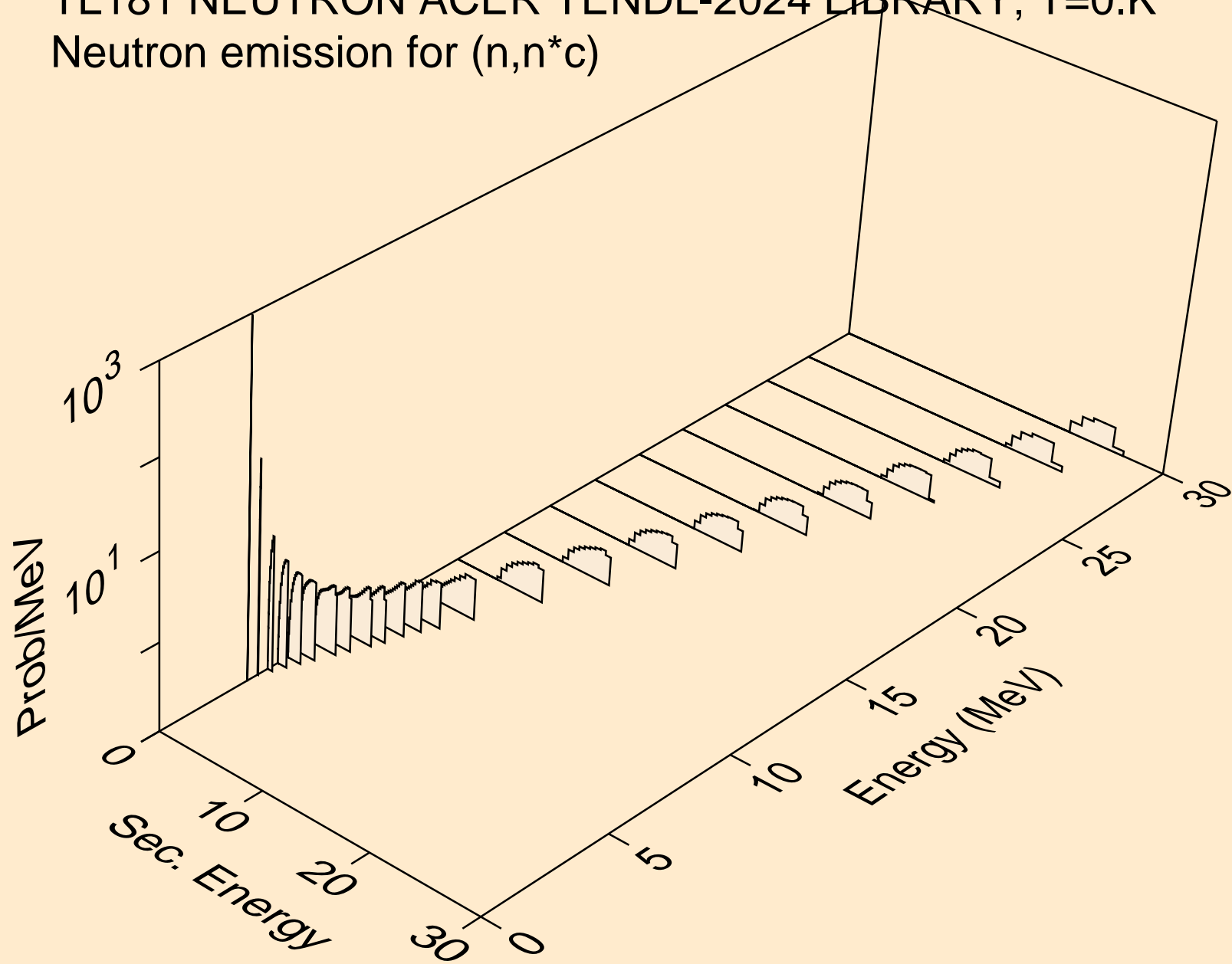
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



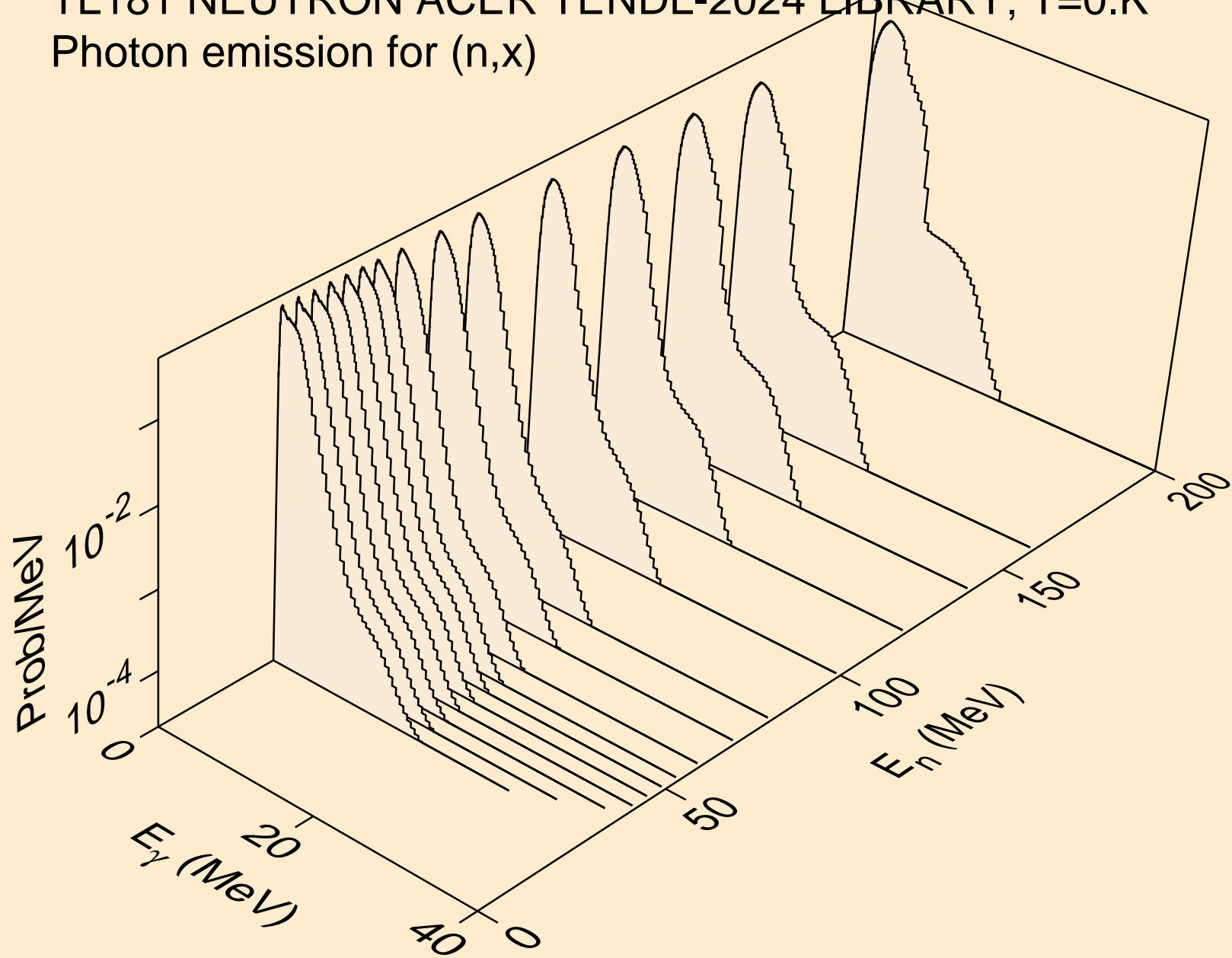
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

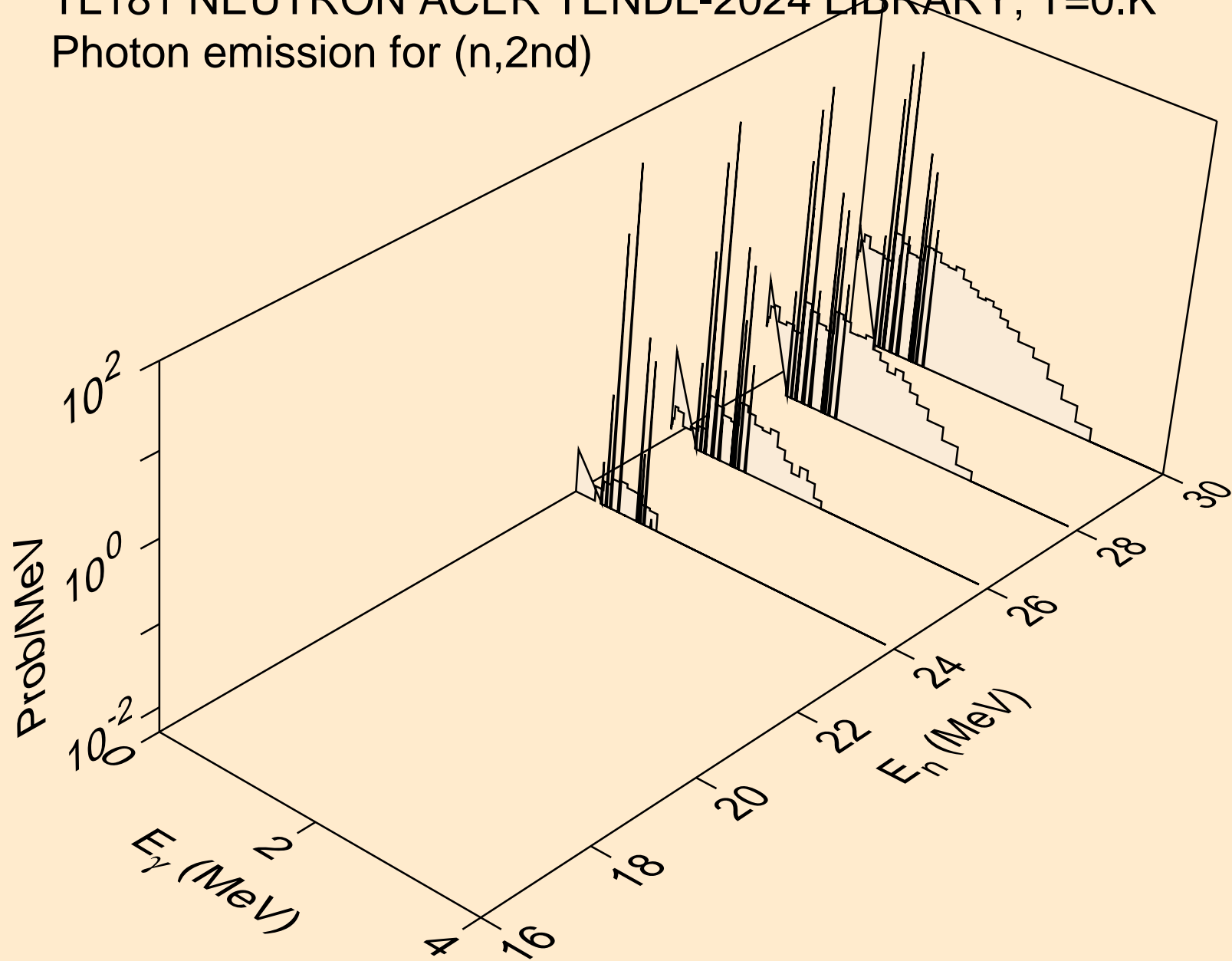


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

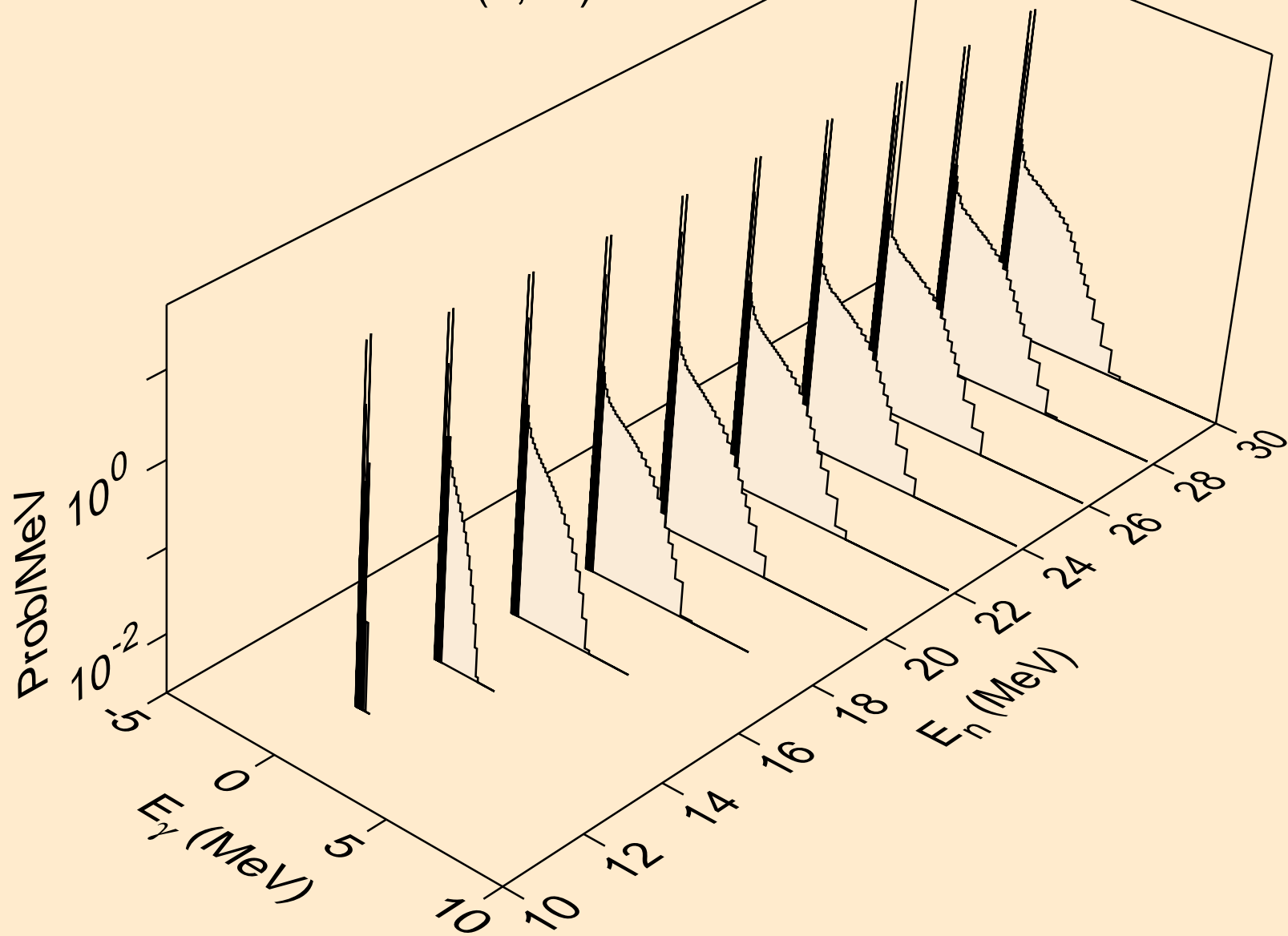




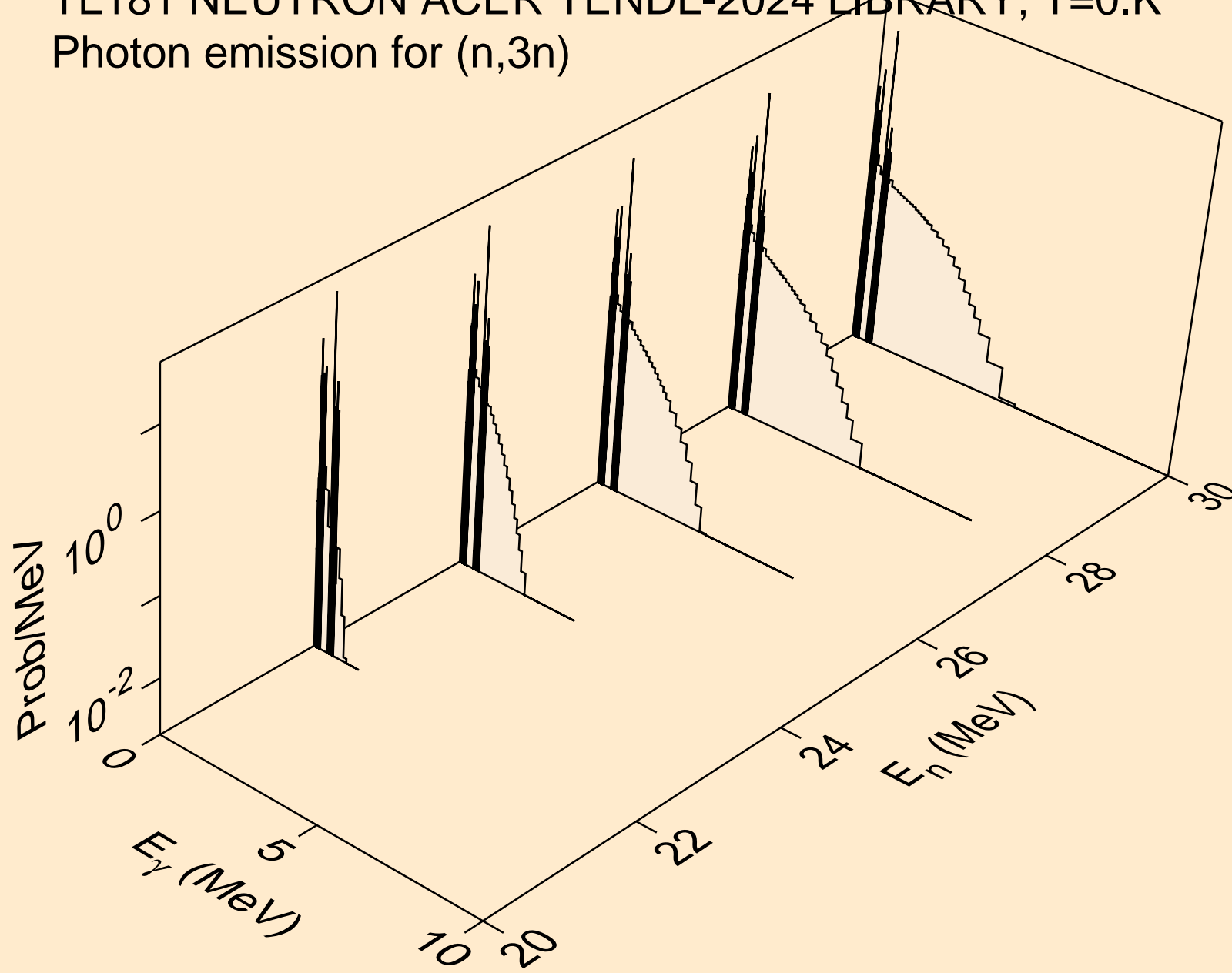
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



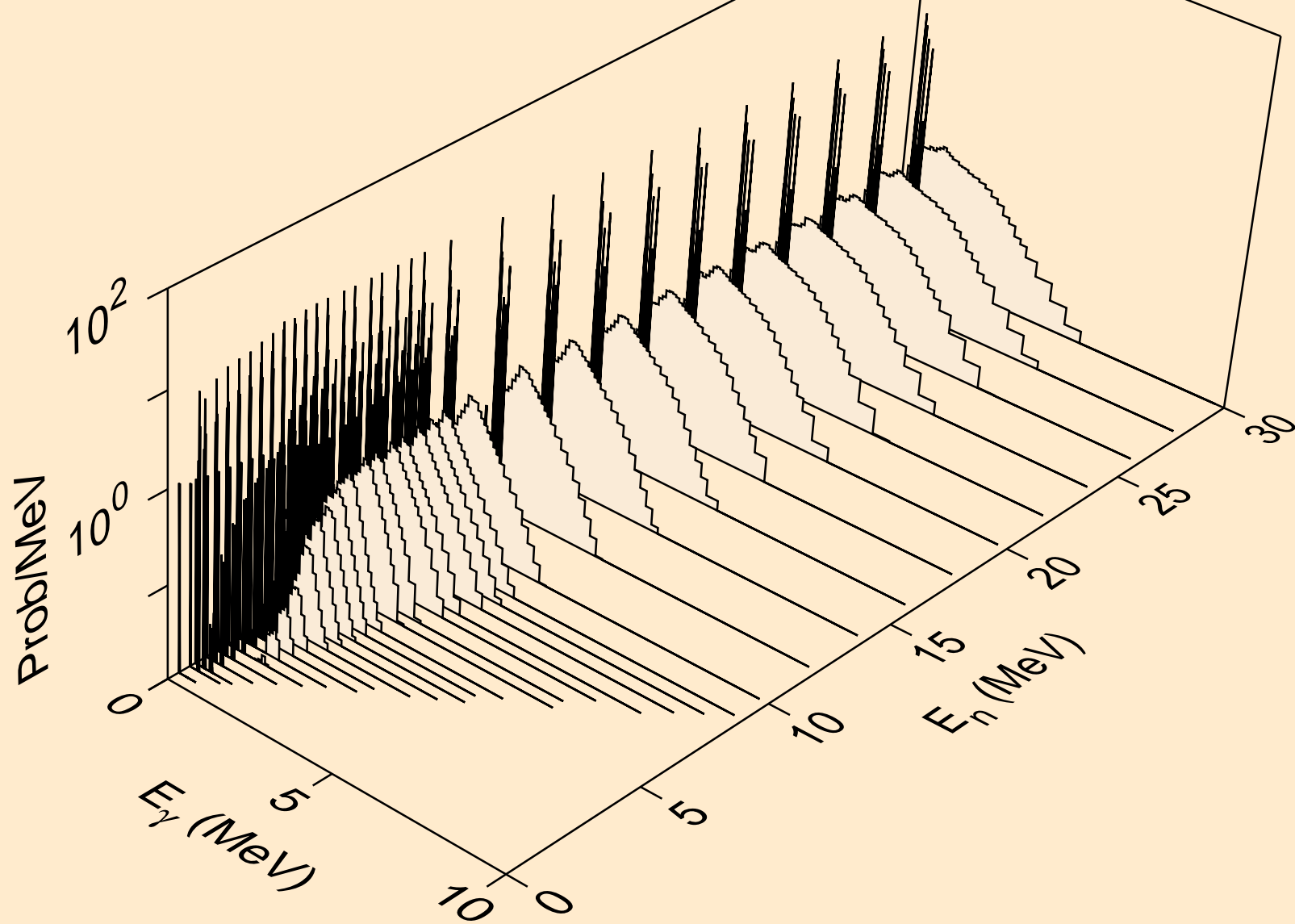
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



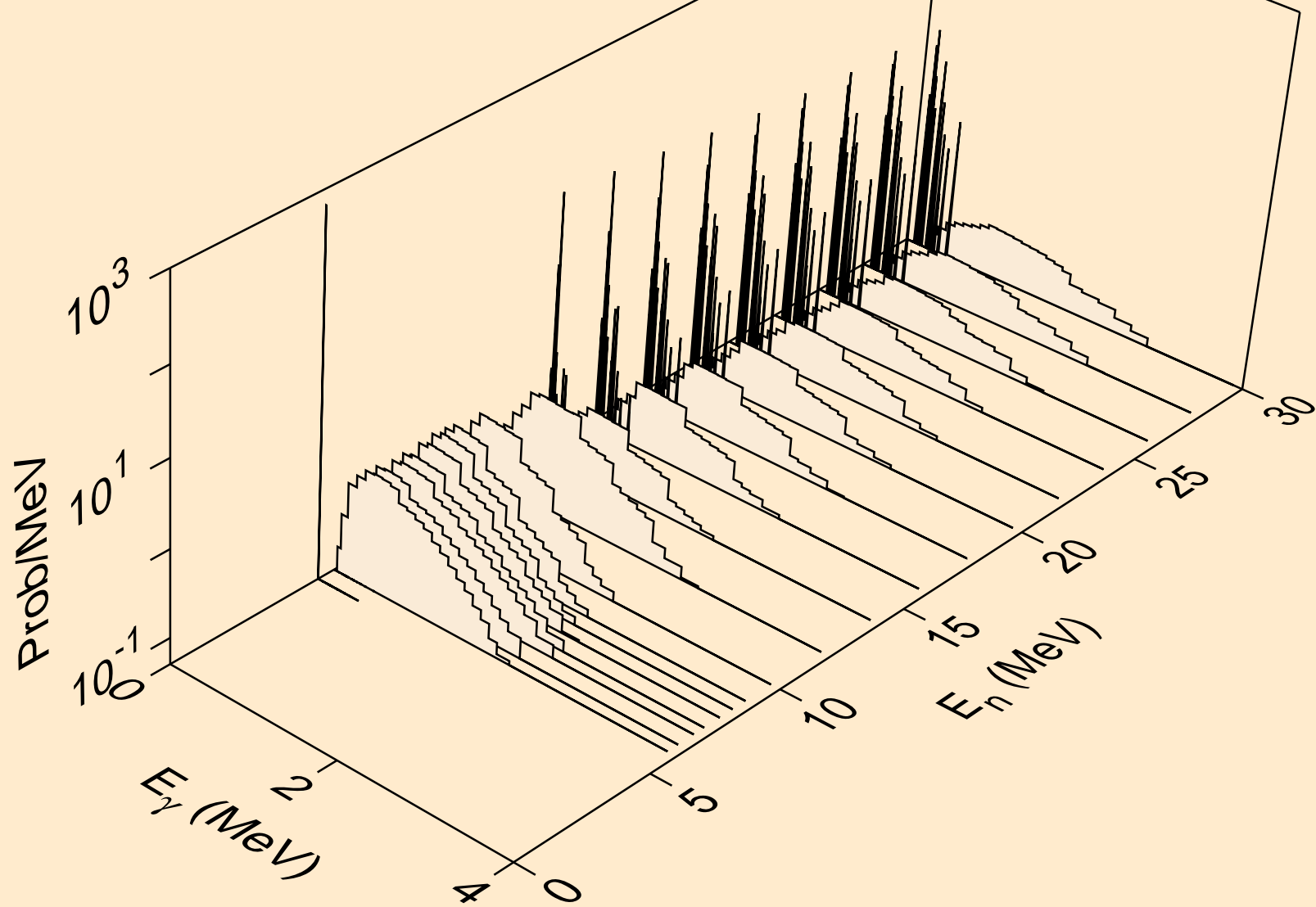
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



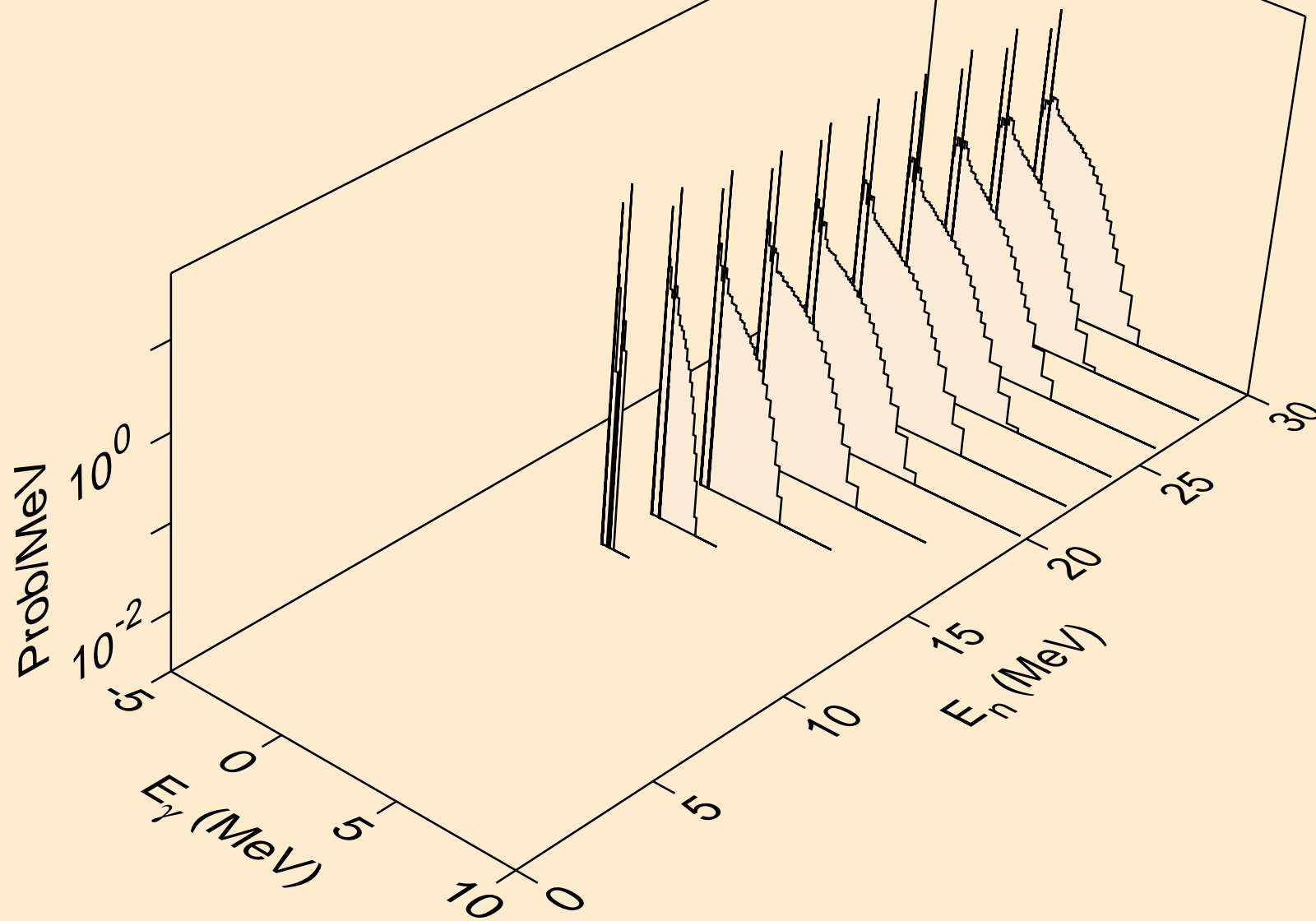
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



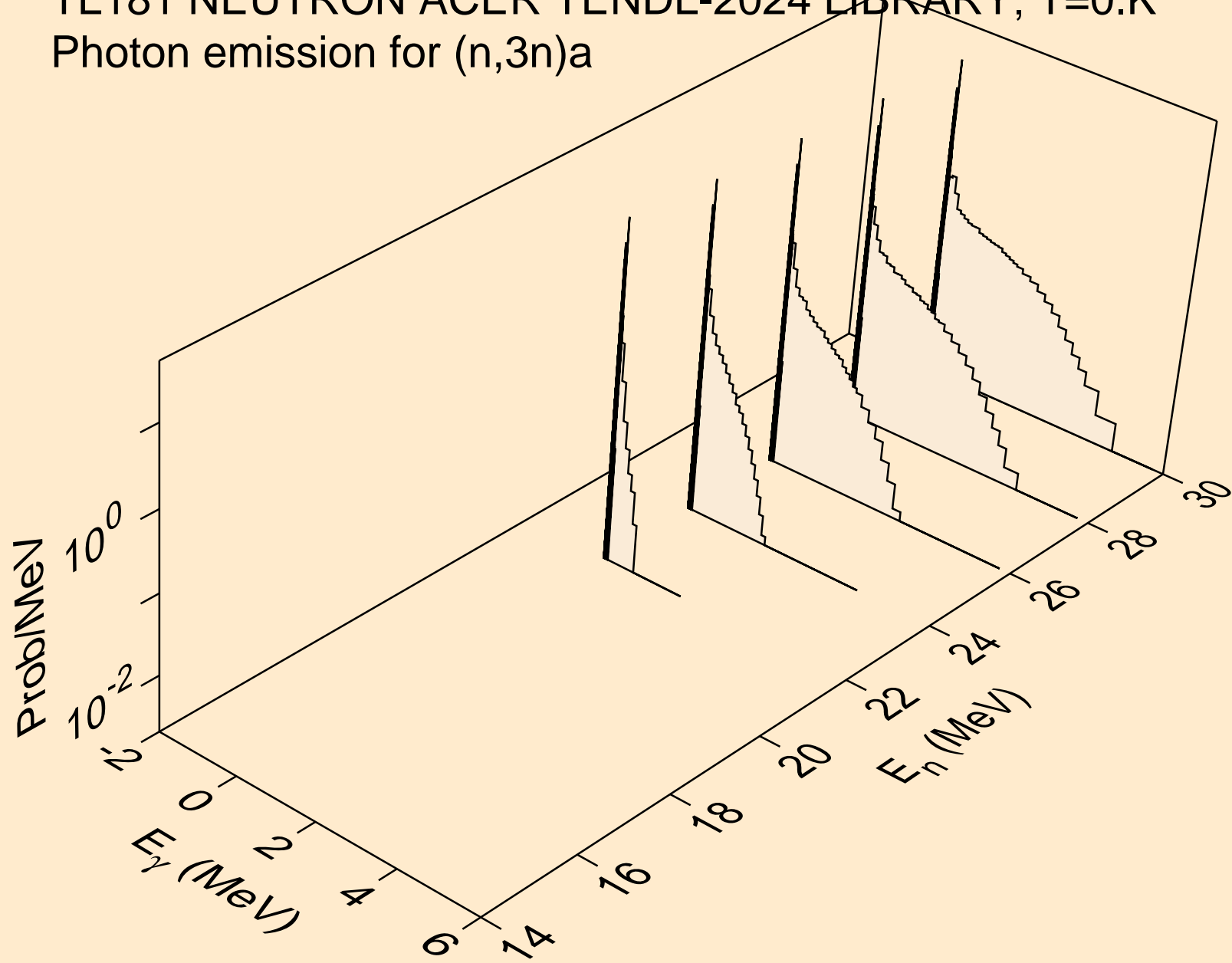
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)3a



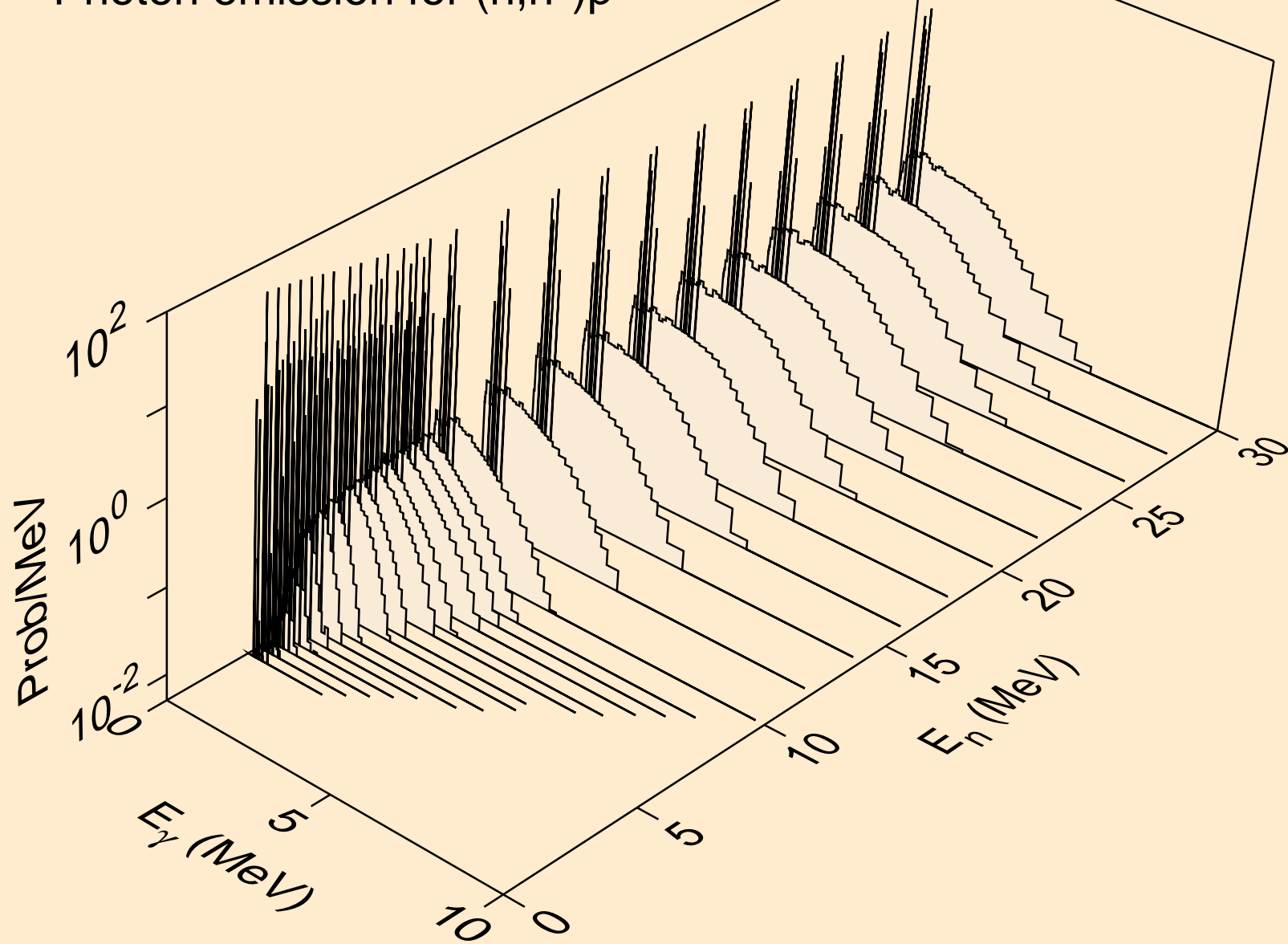
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

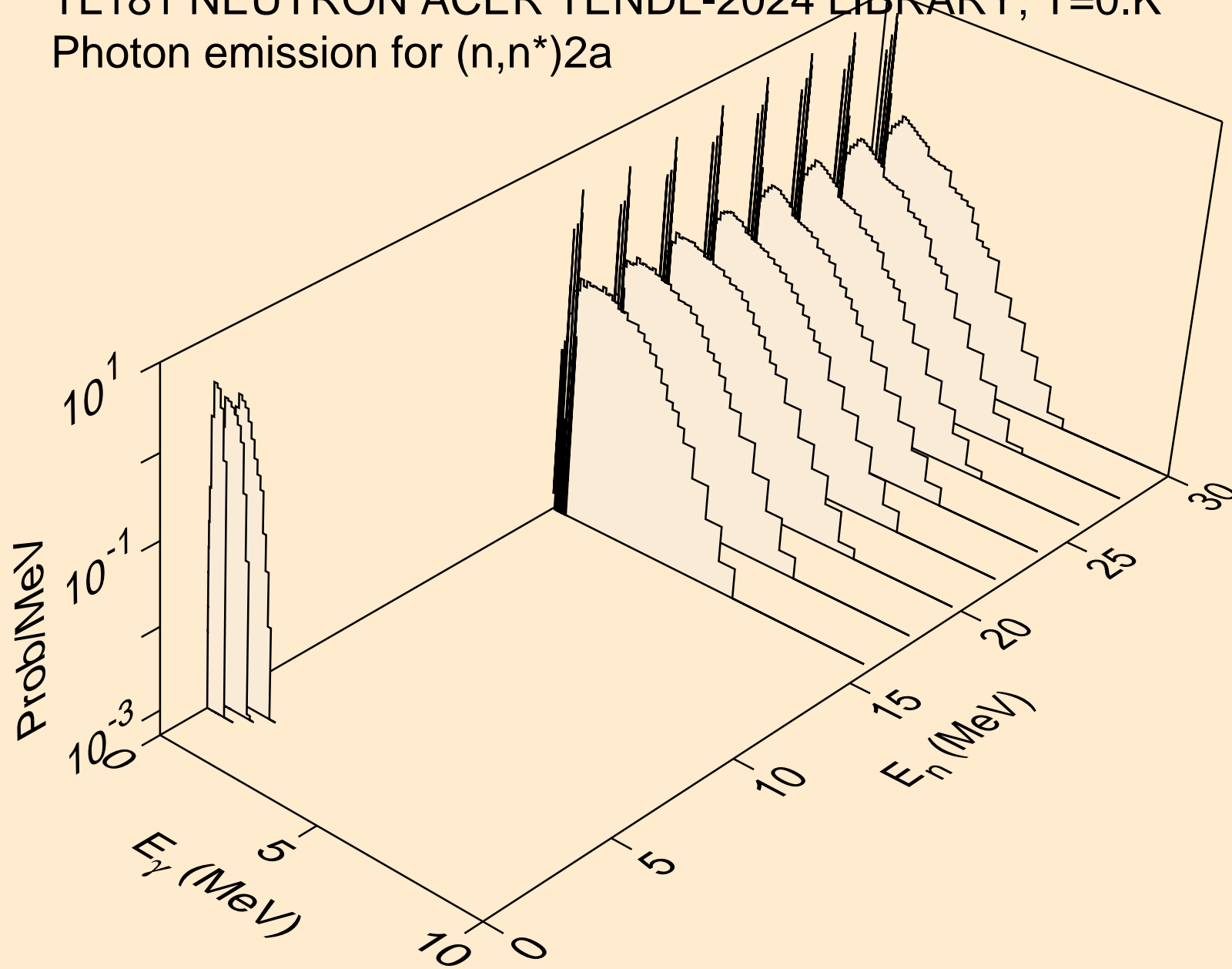


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

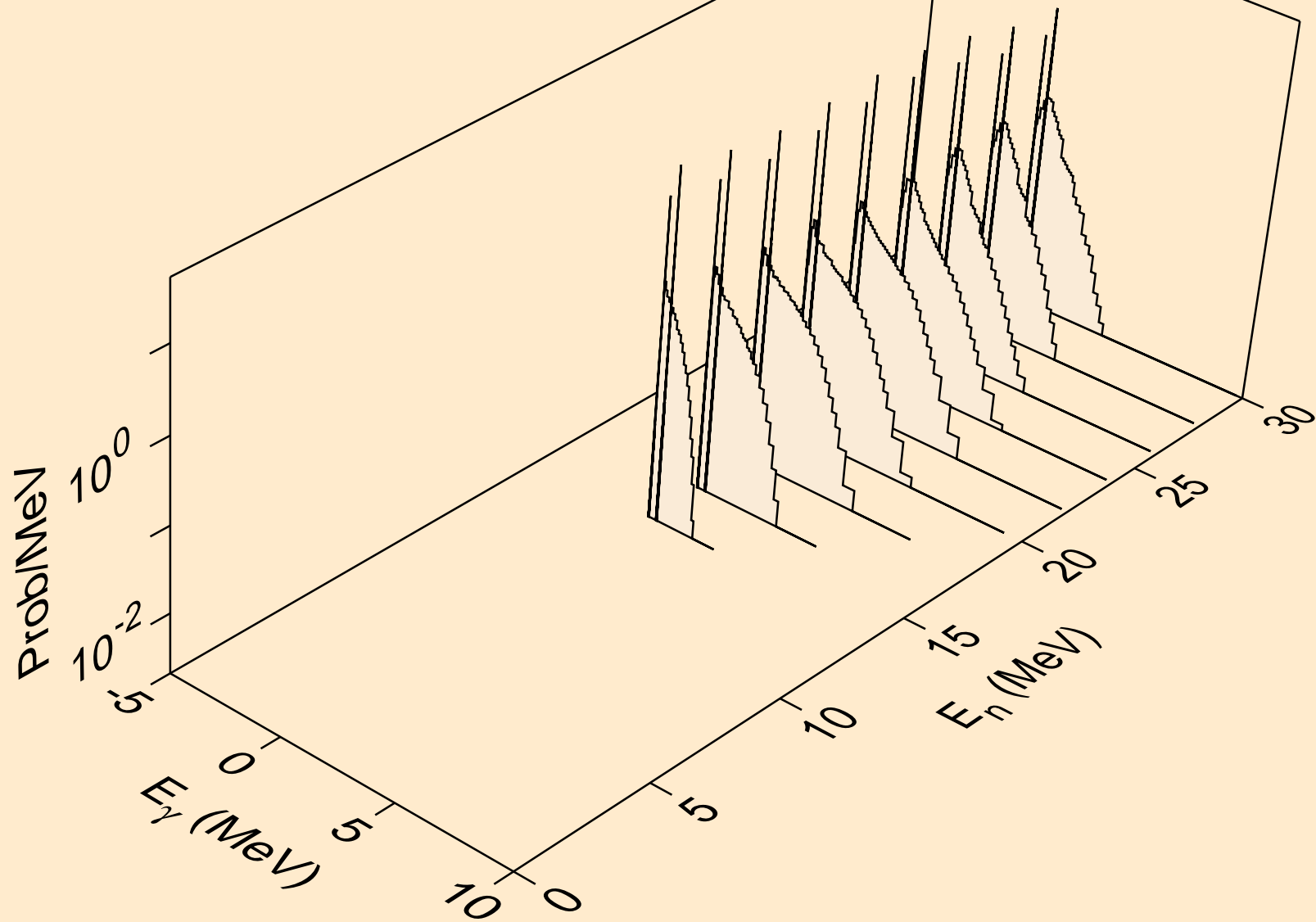




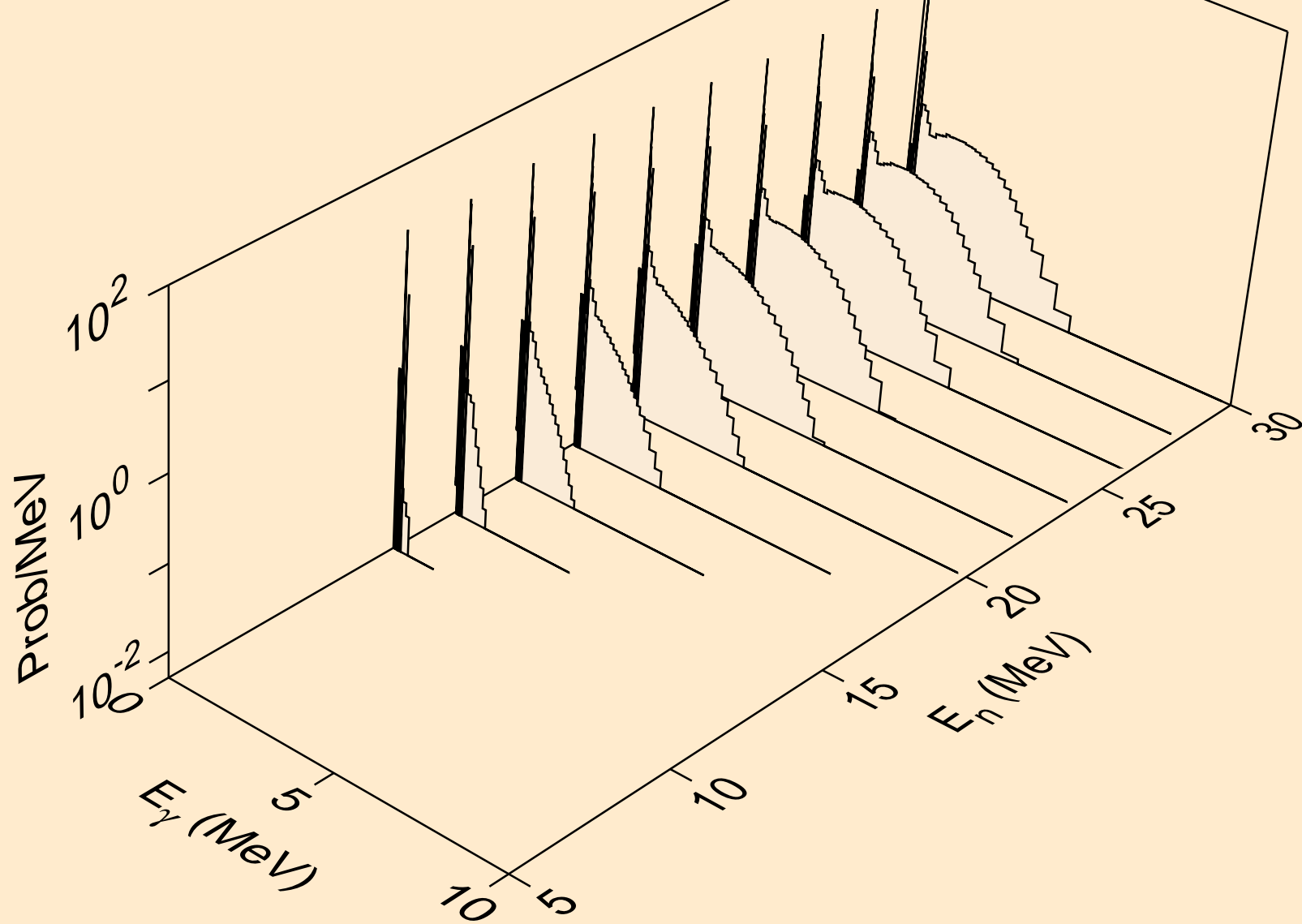
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



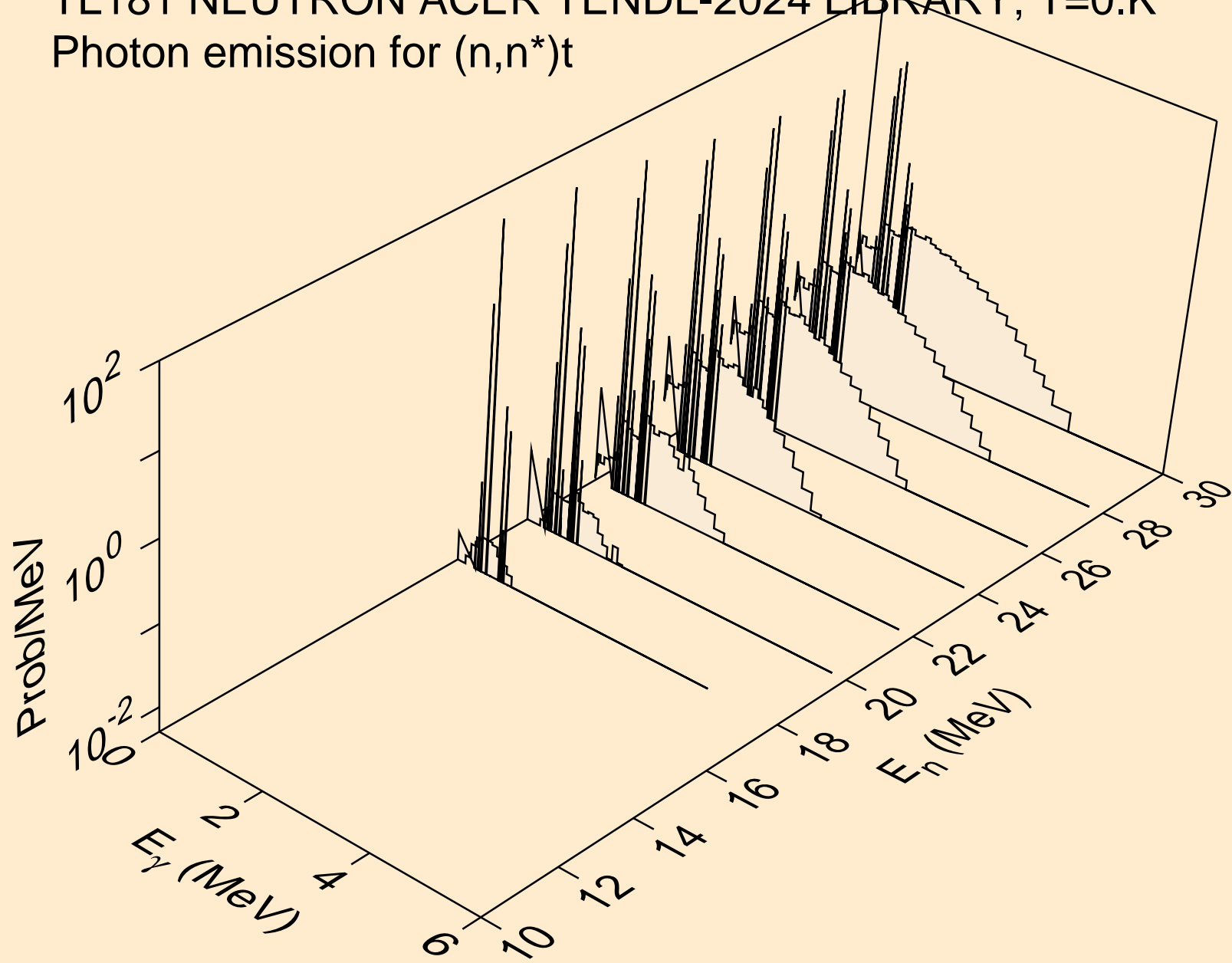
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



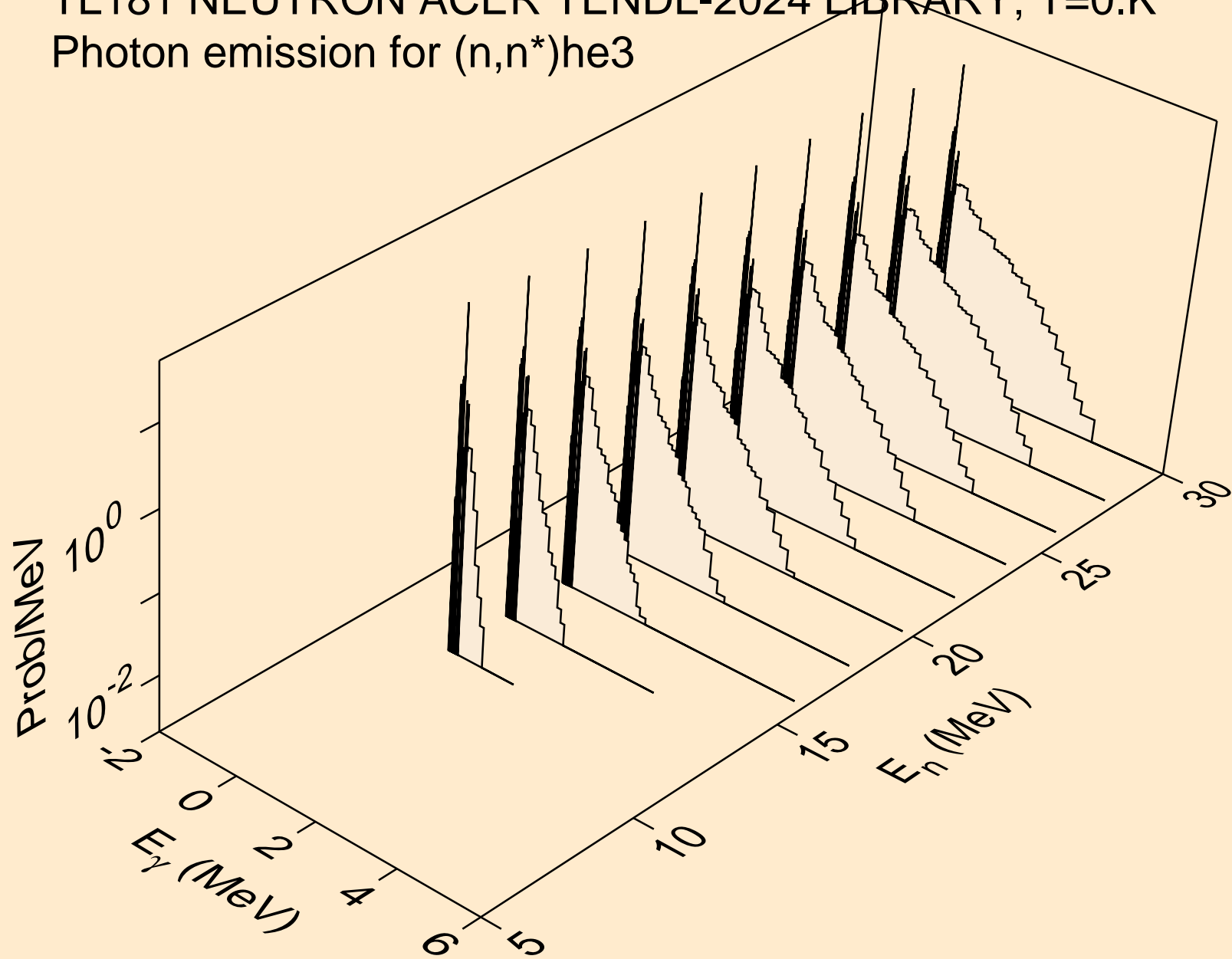
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



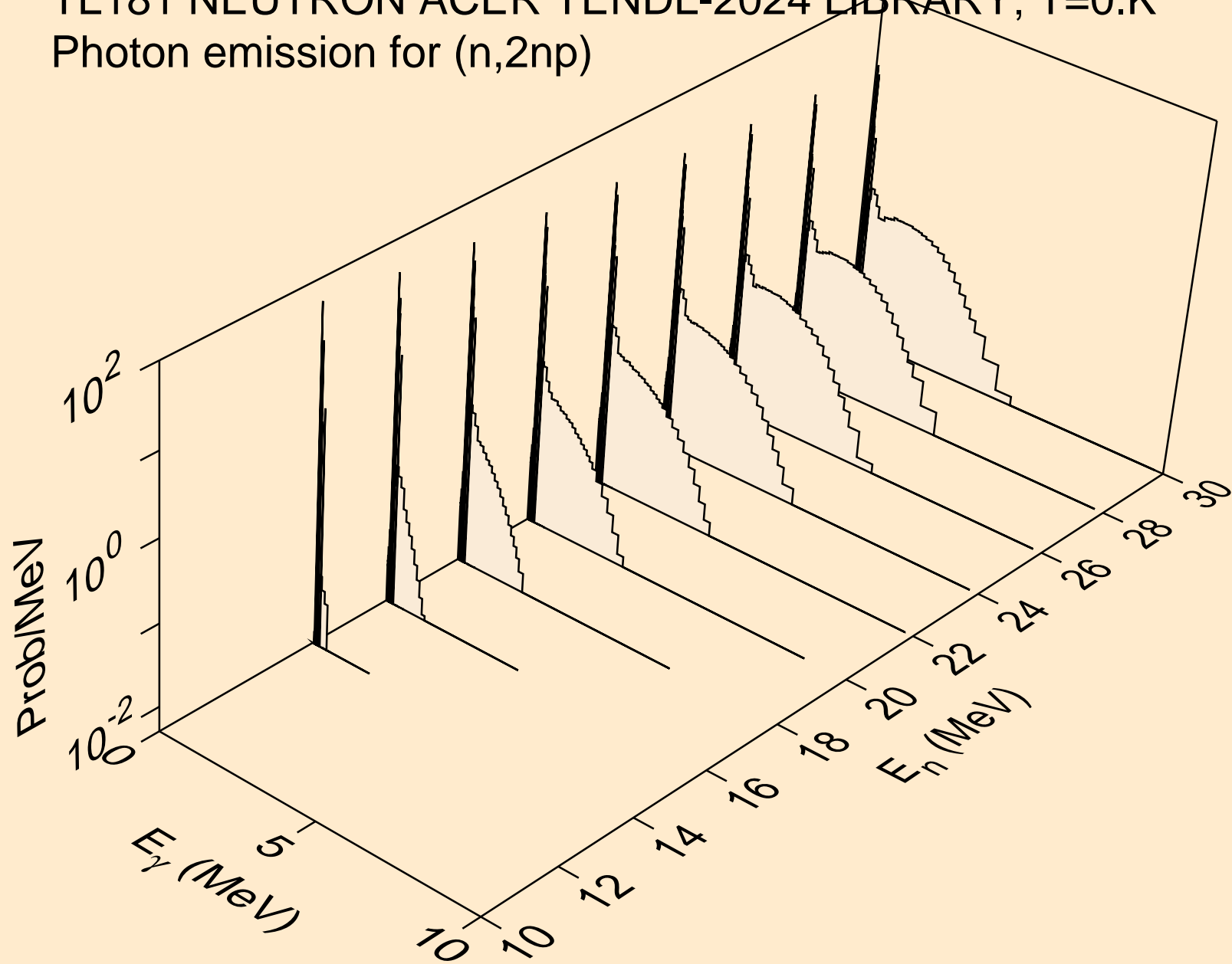
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



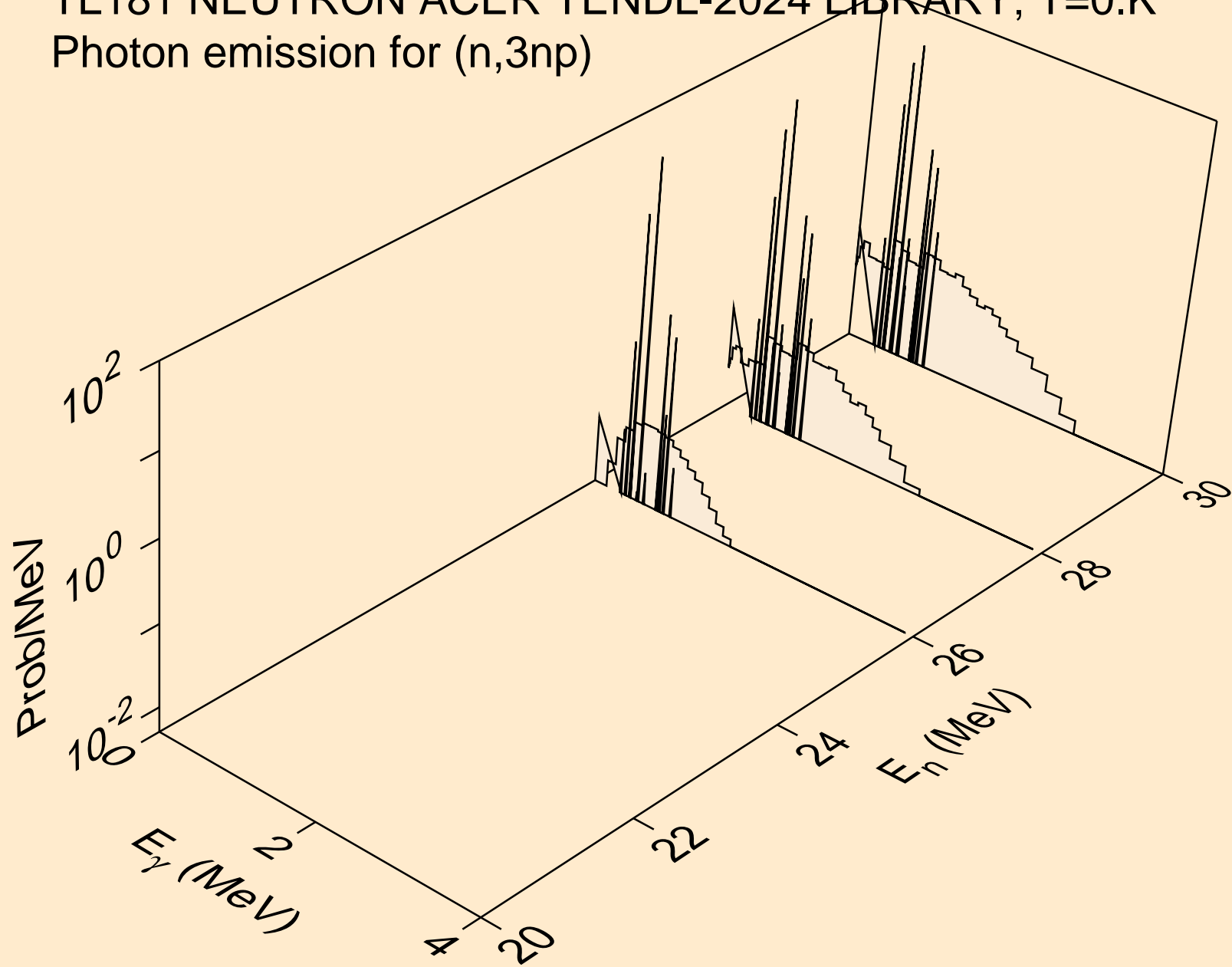
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



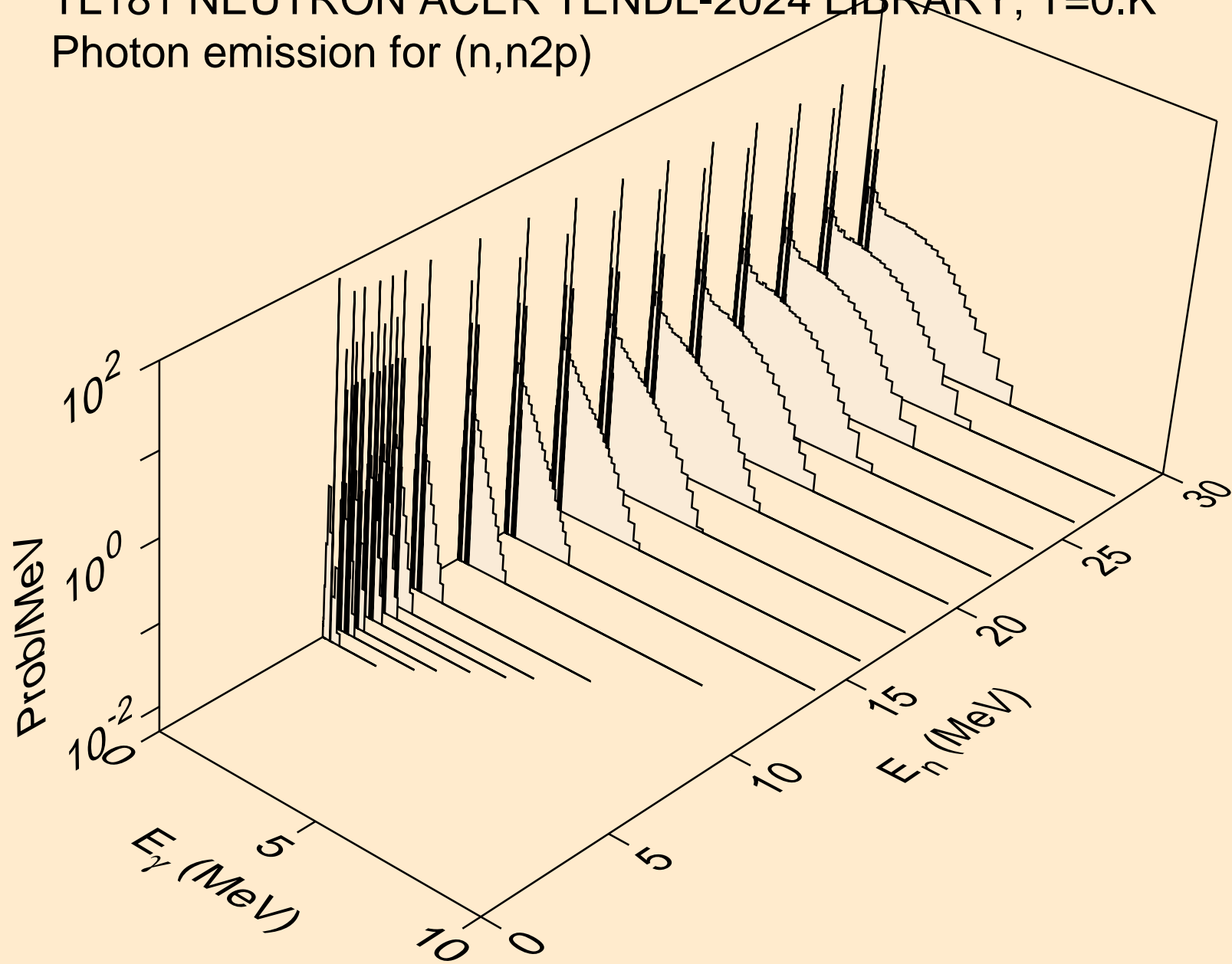
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

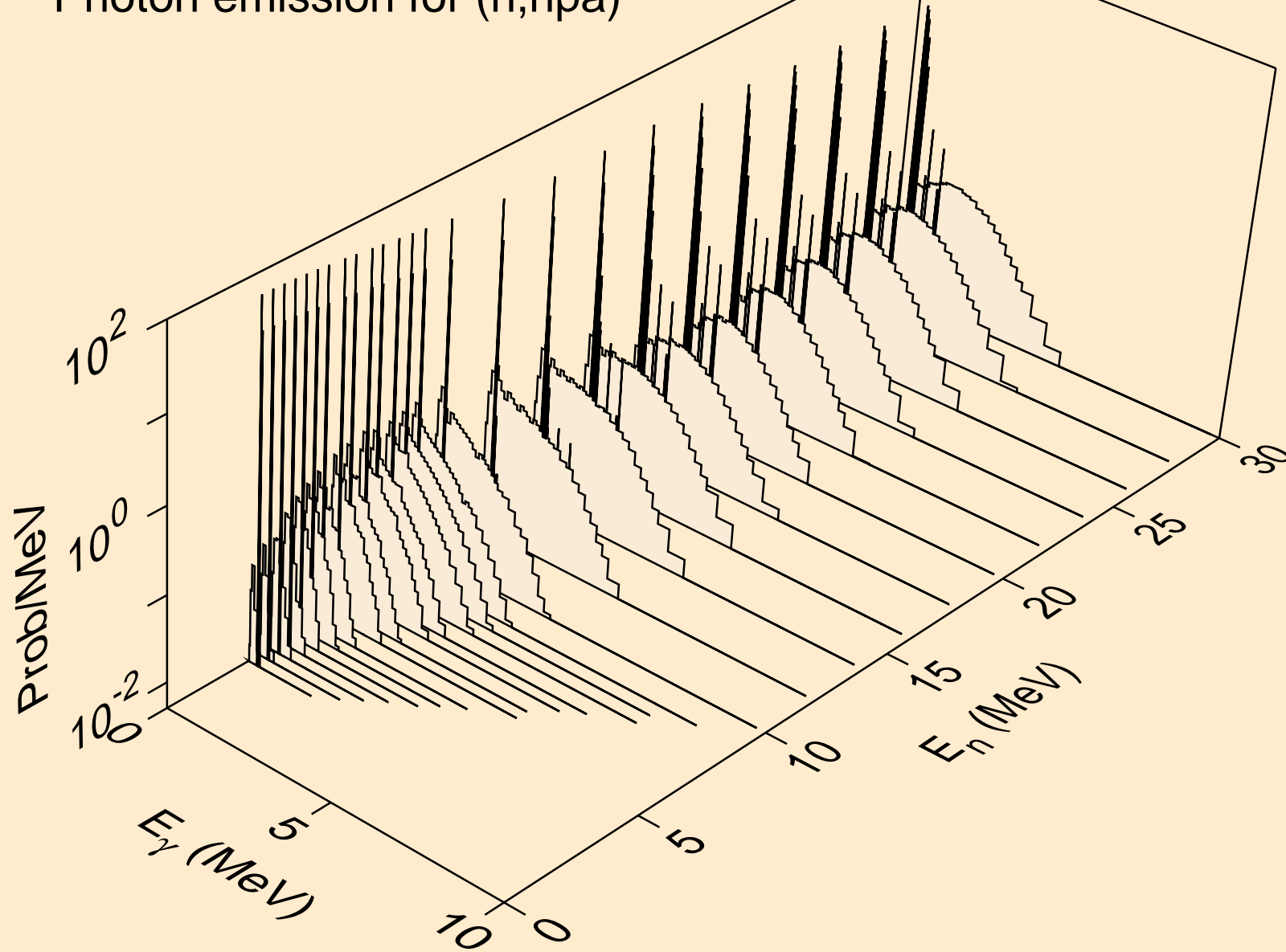


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

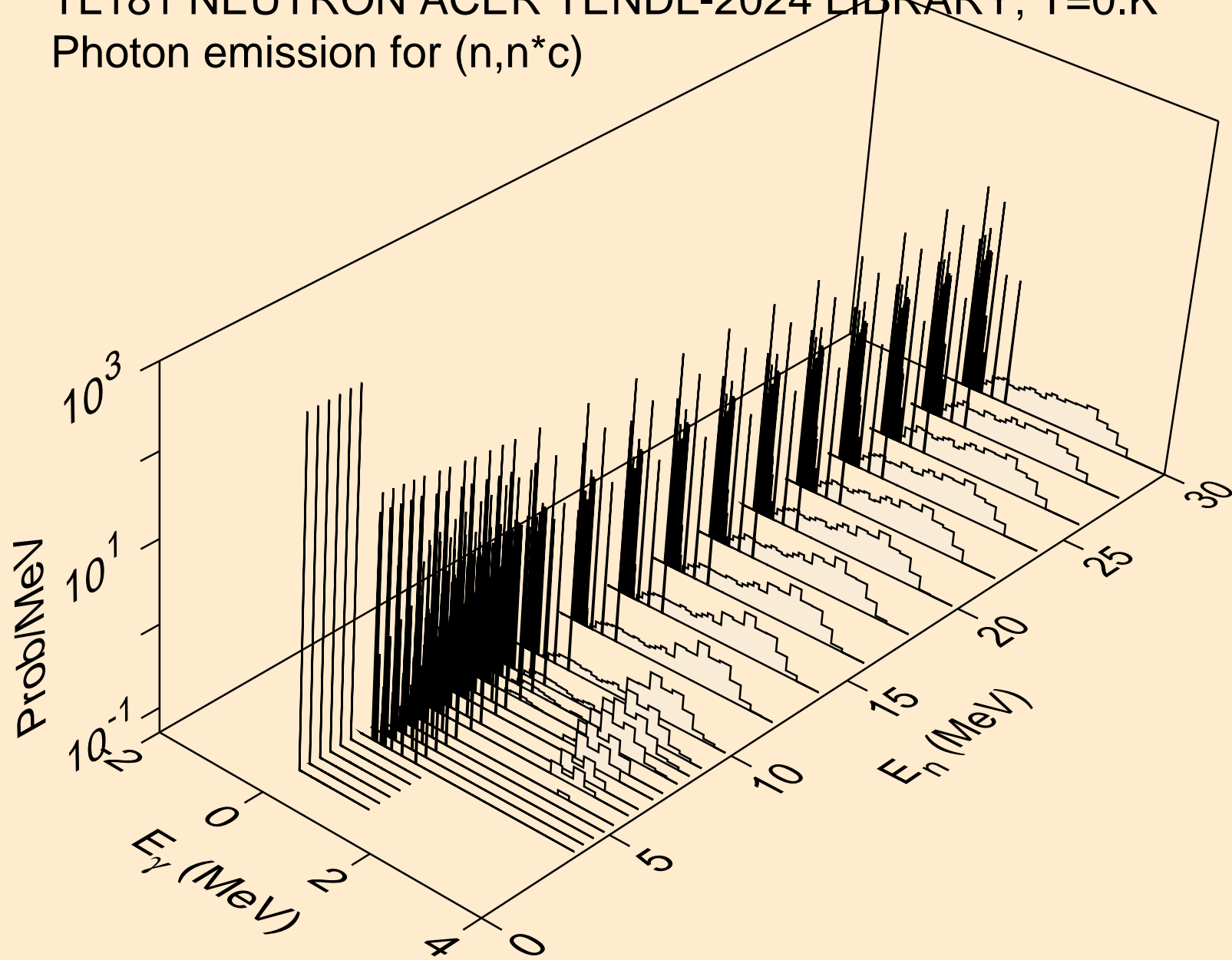




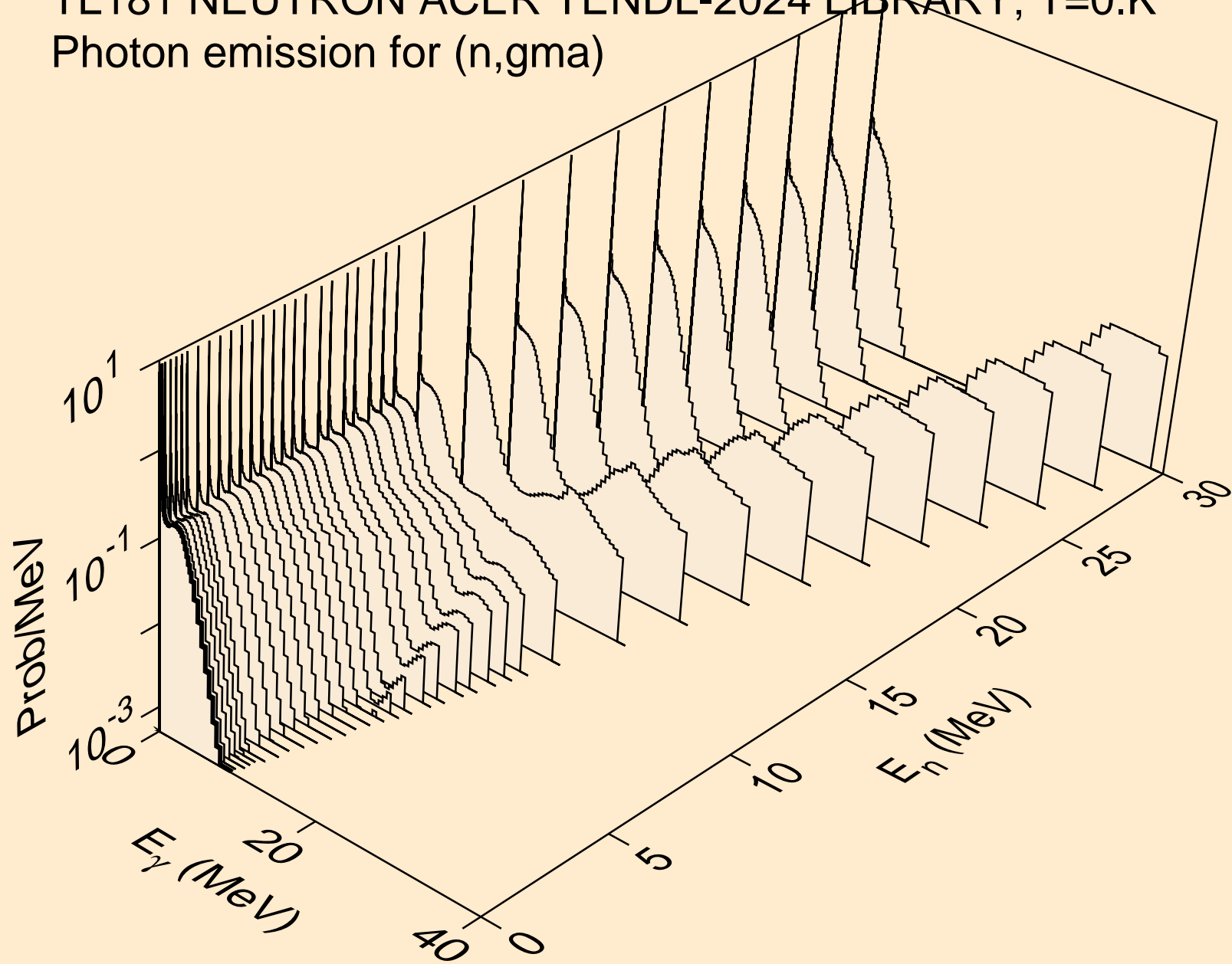
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



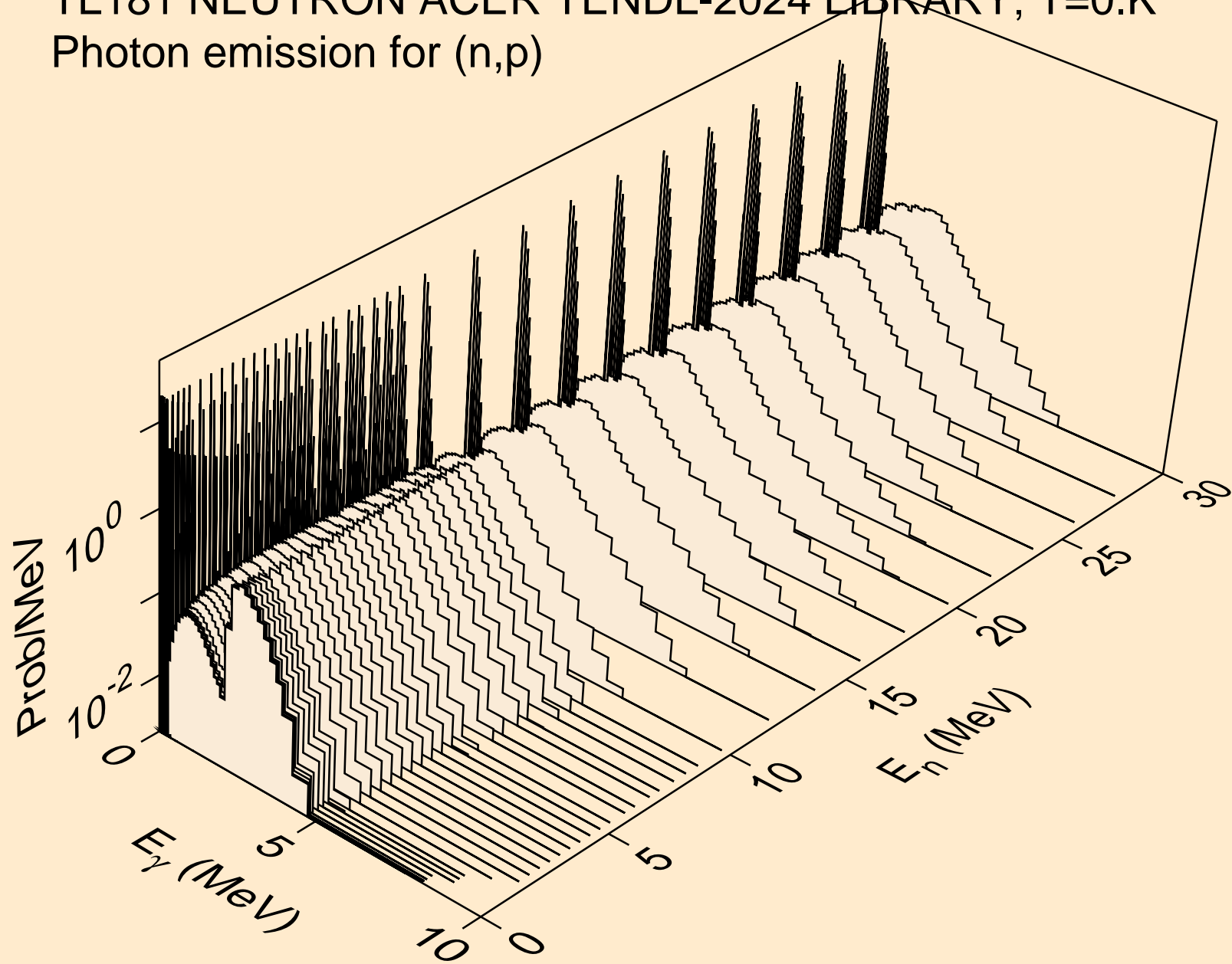
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



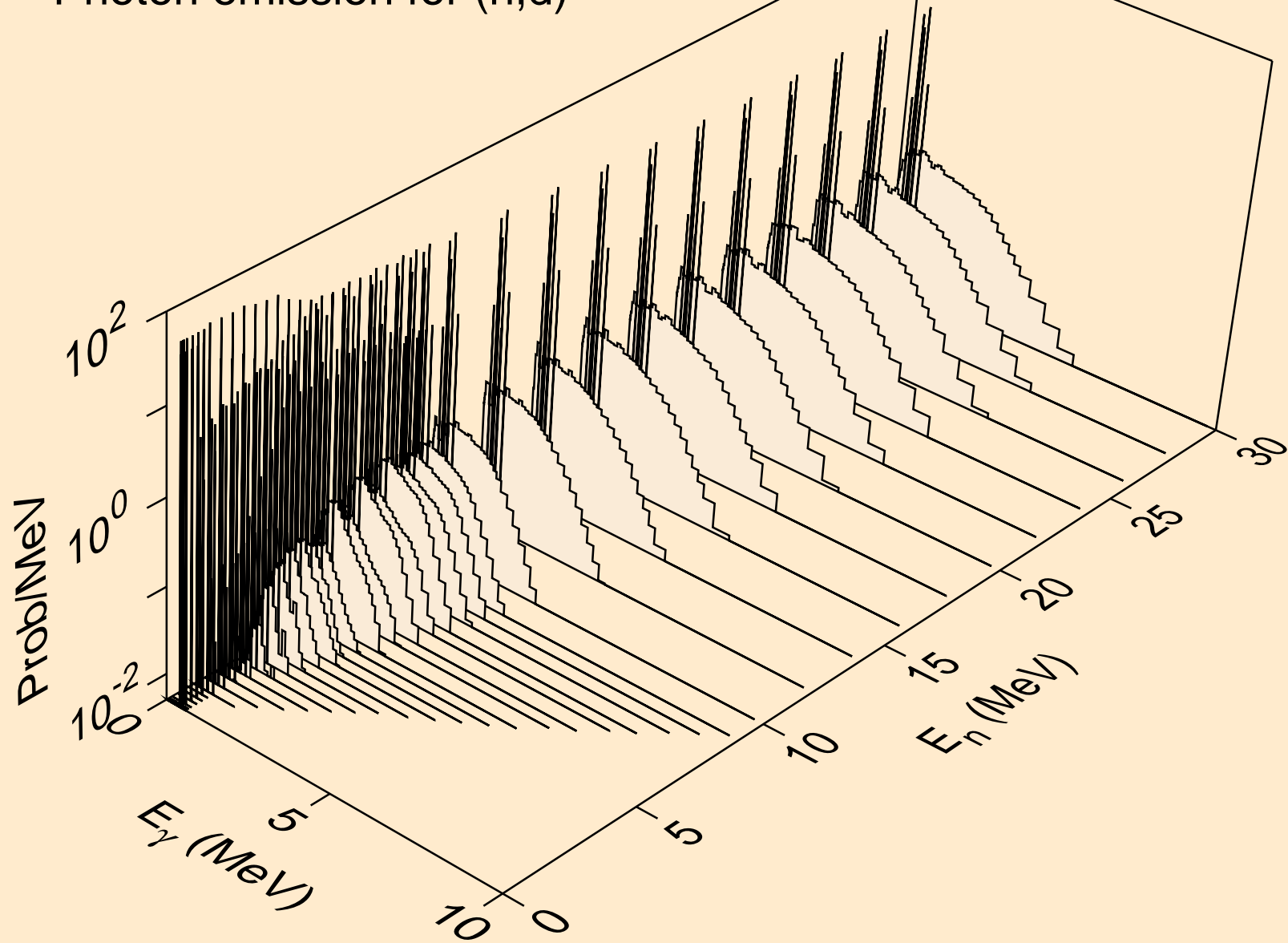
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



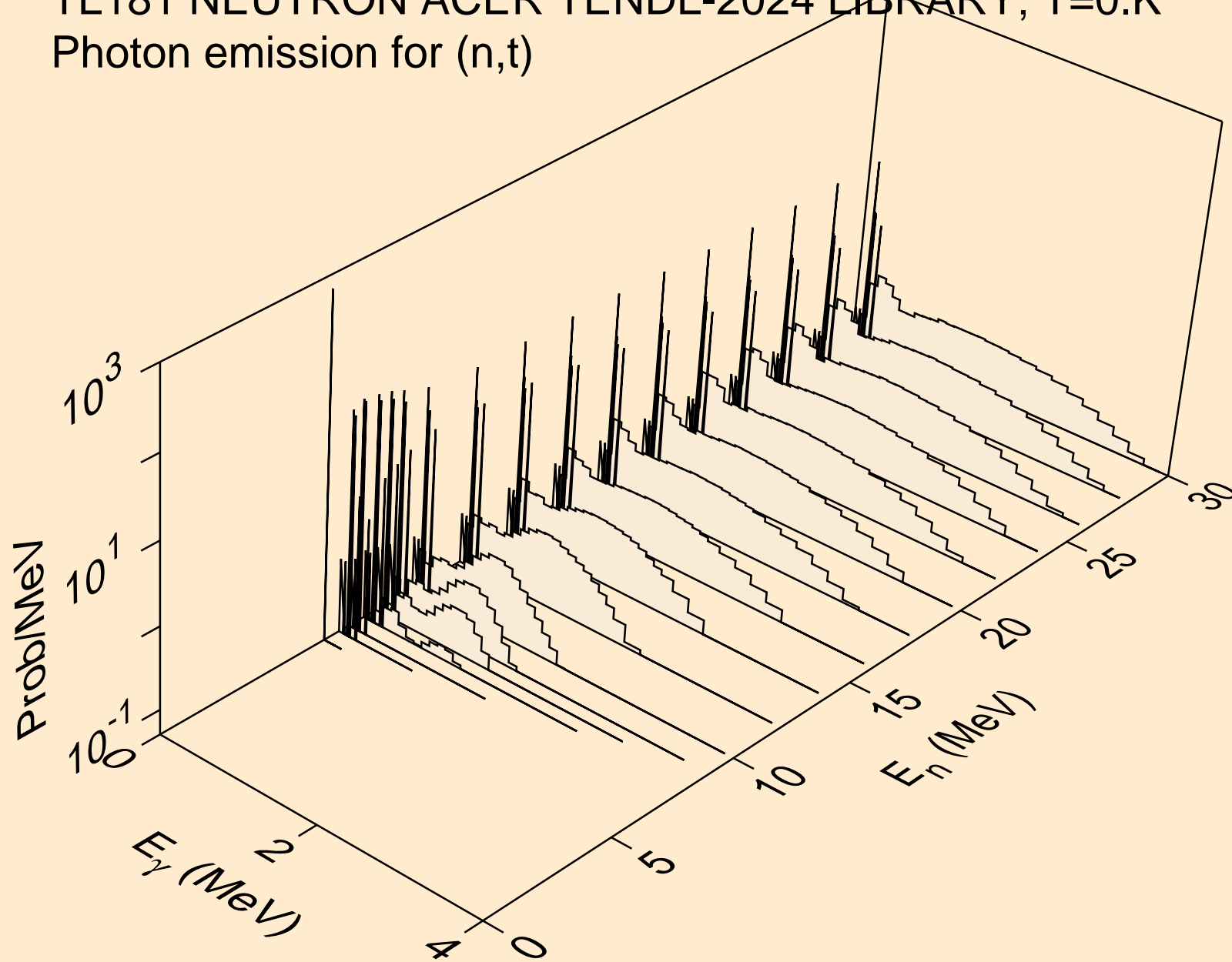
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



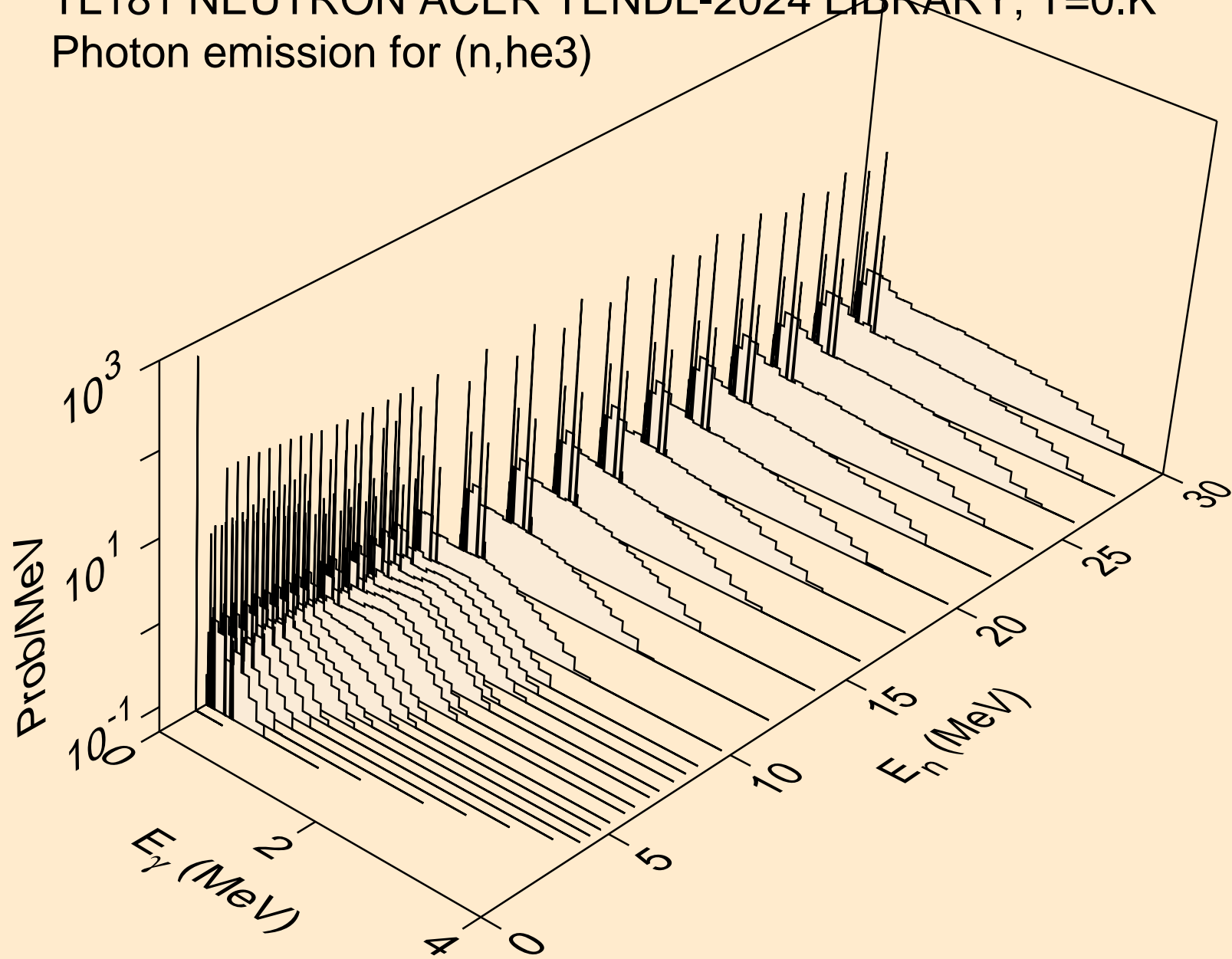
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



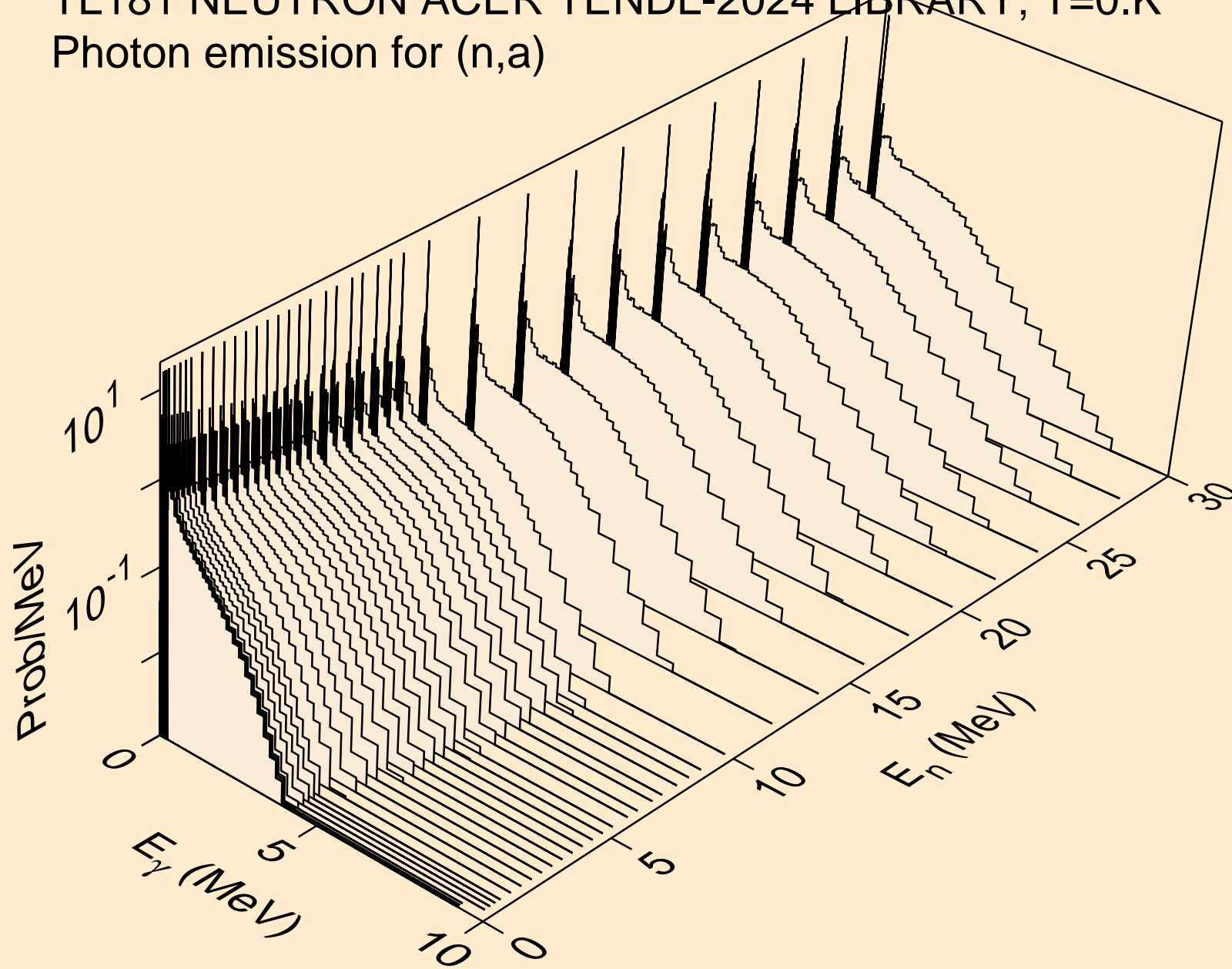
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

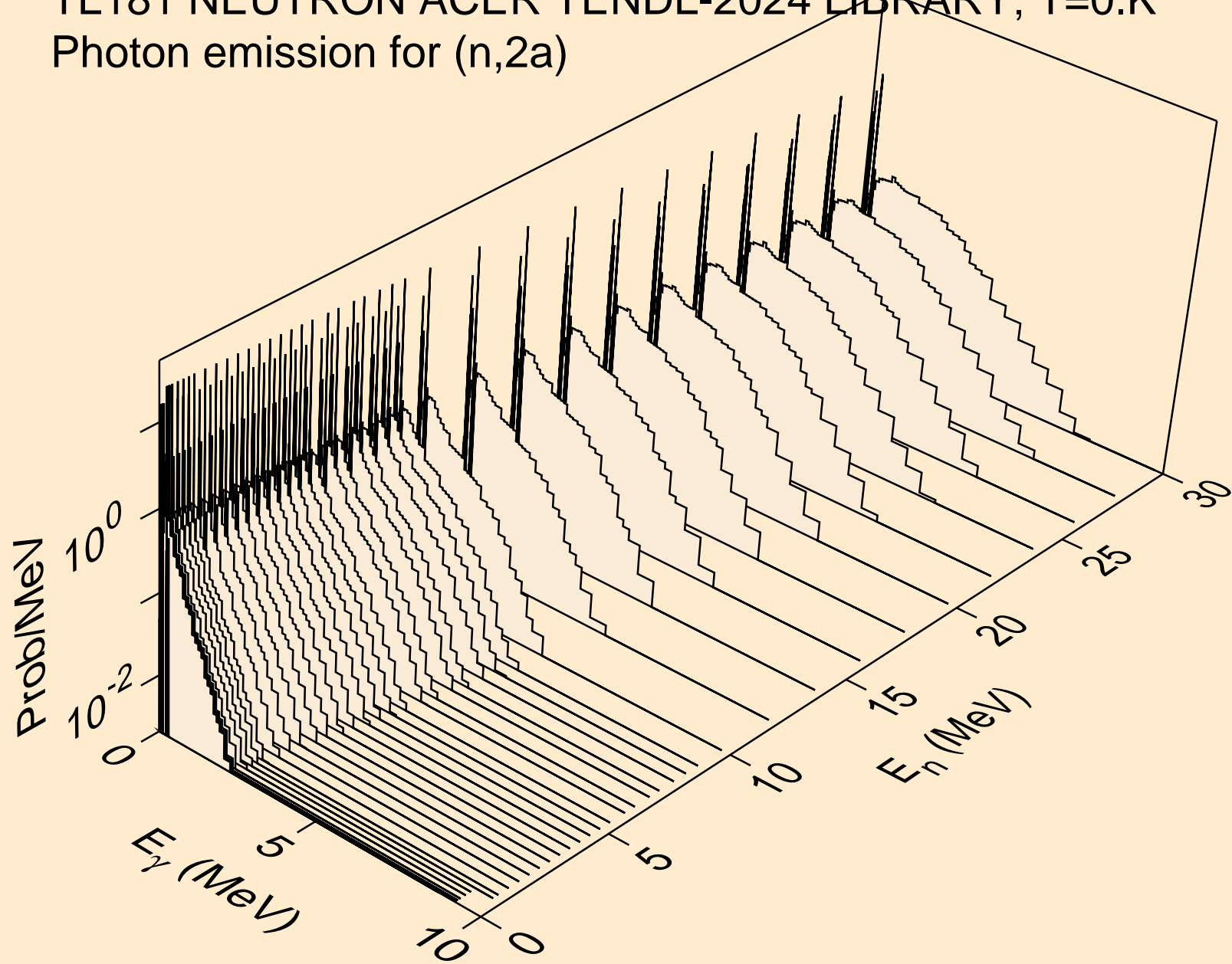


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

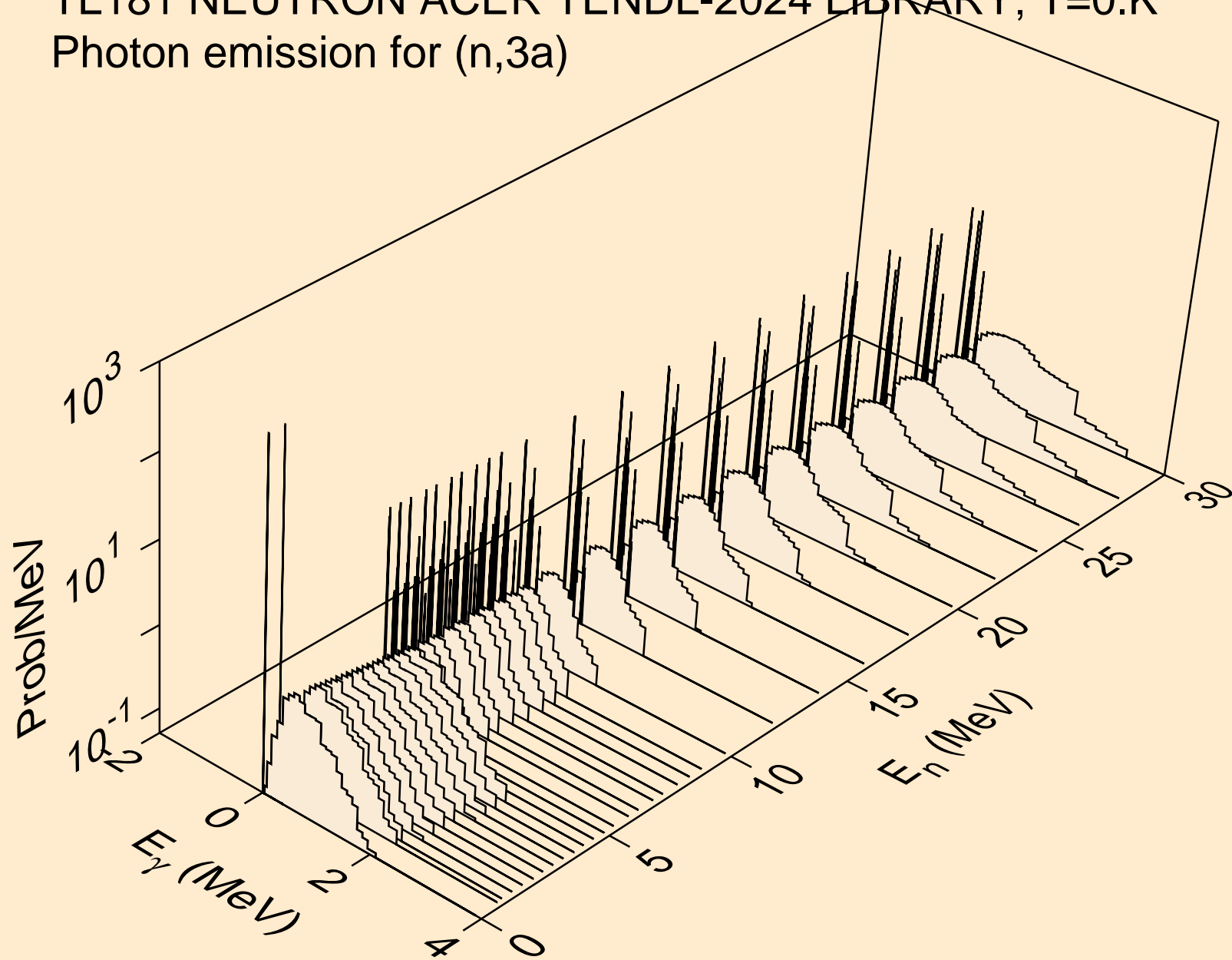




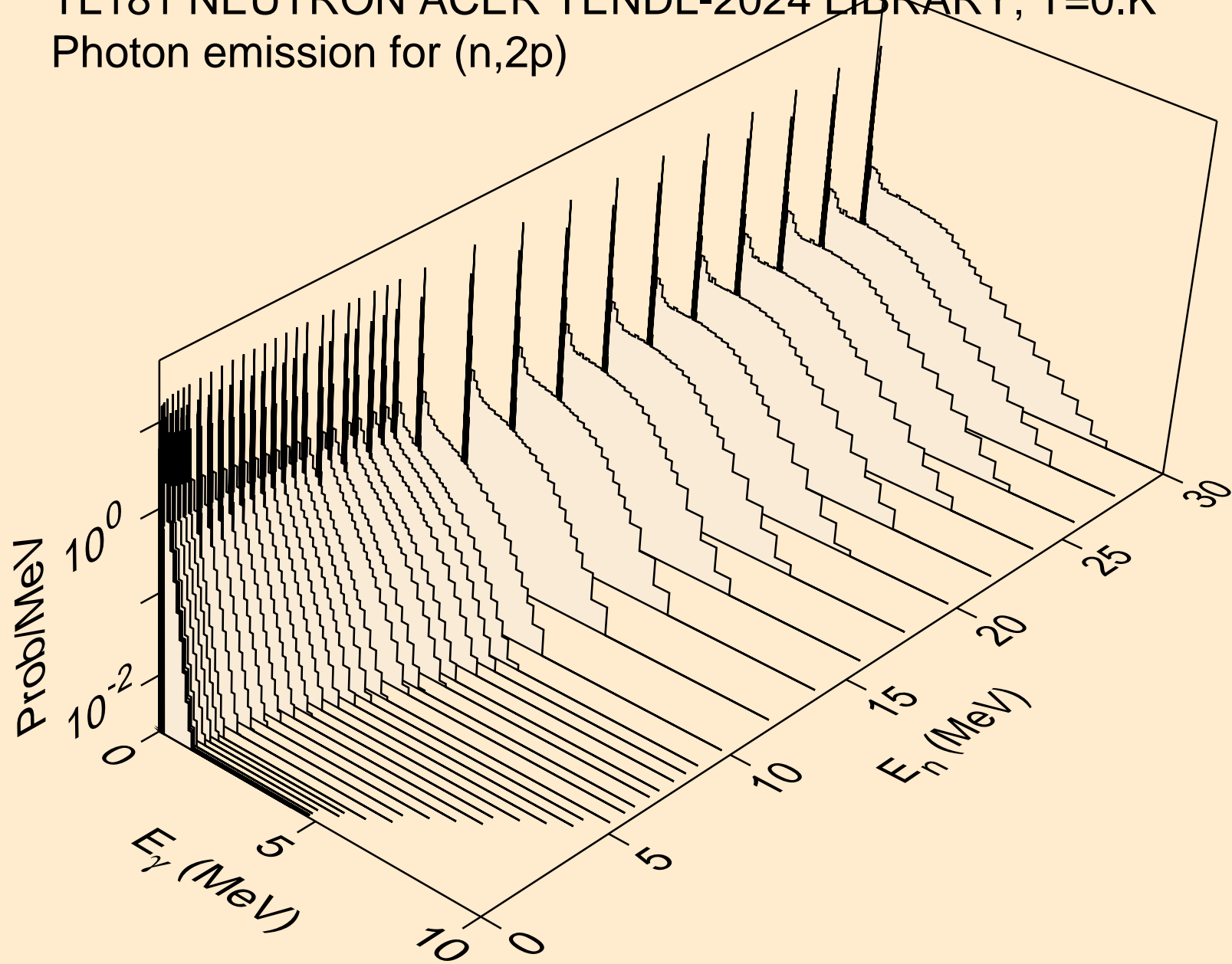
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



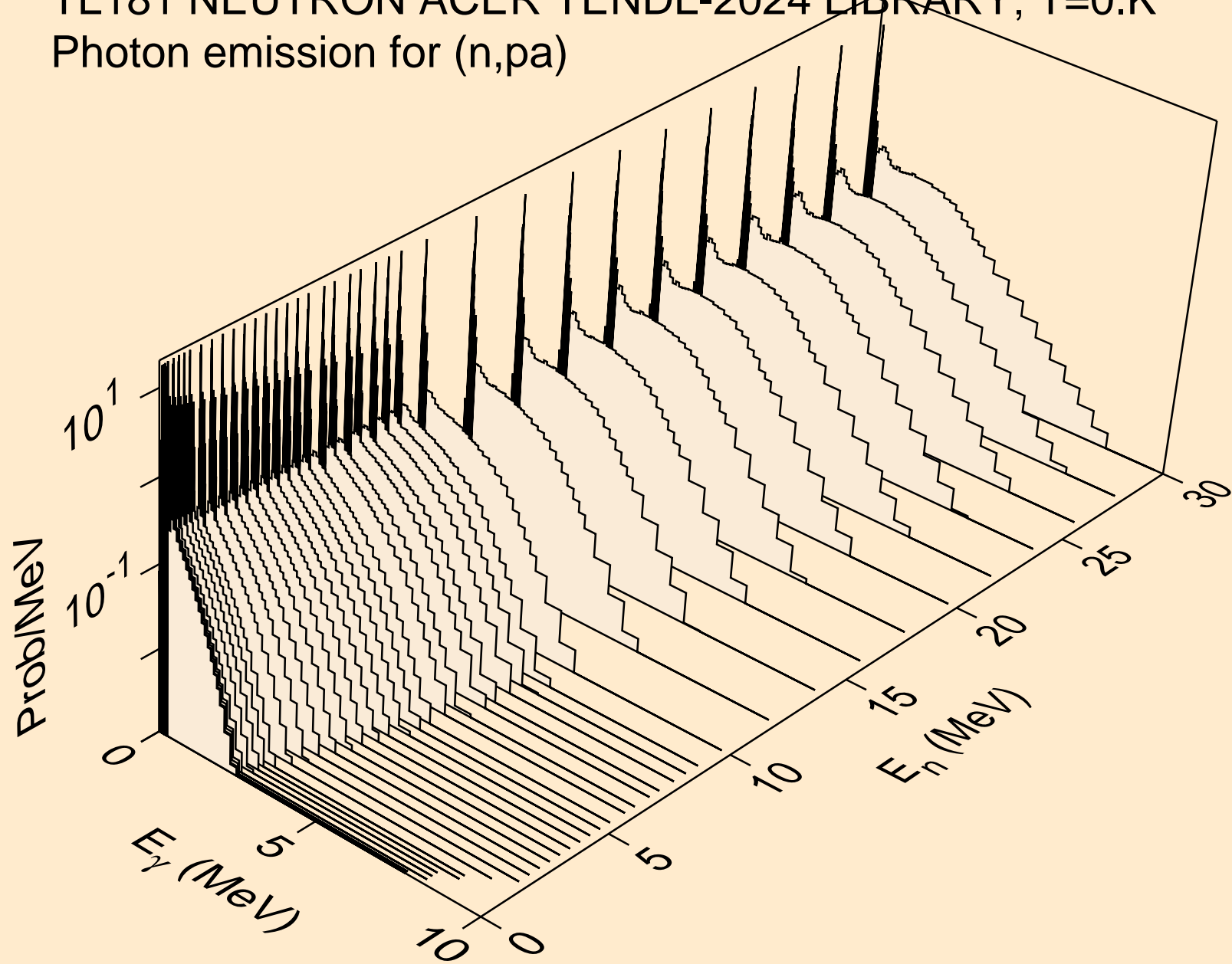
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



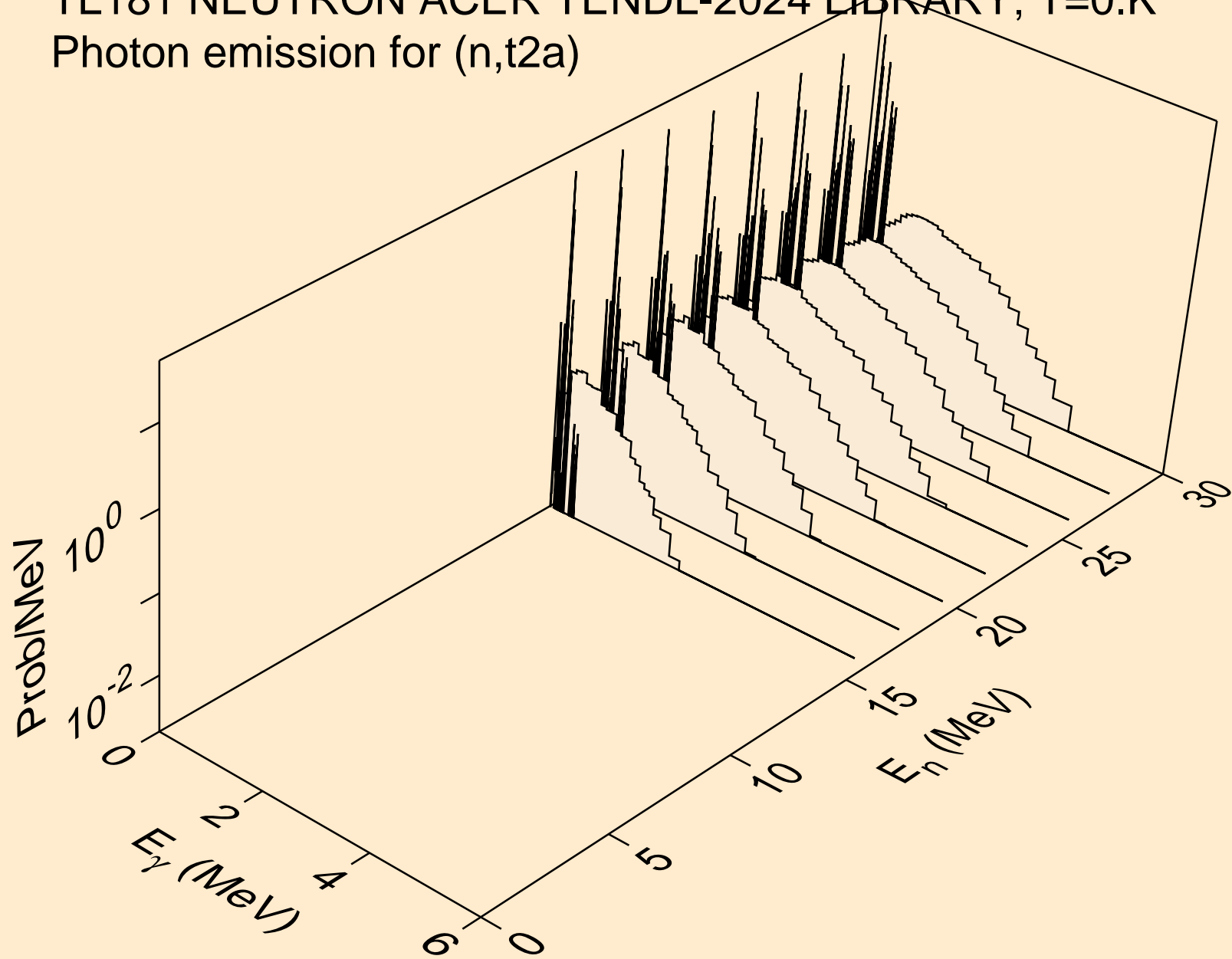
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



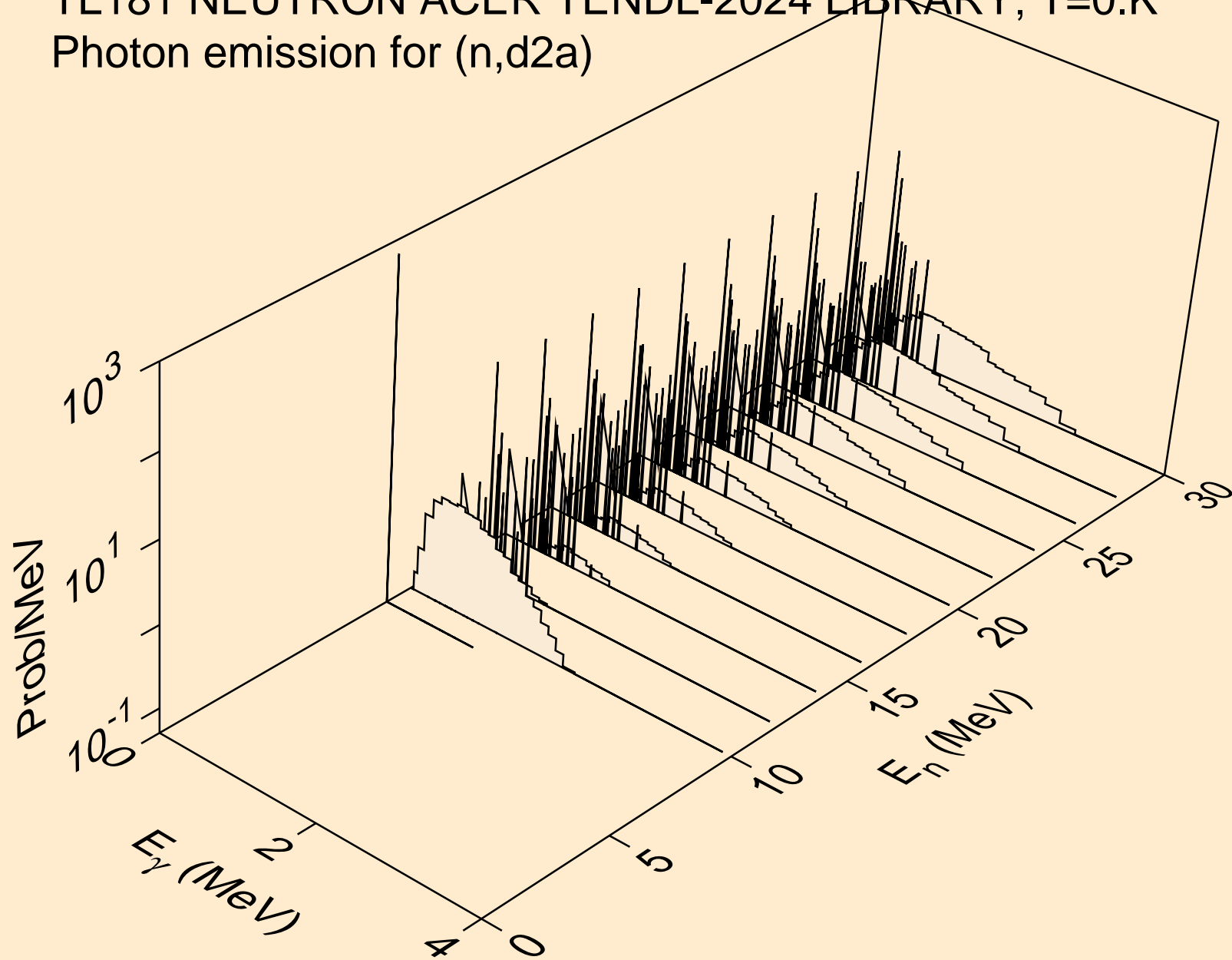
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



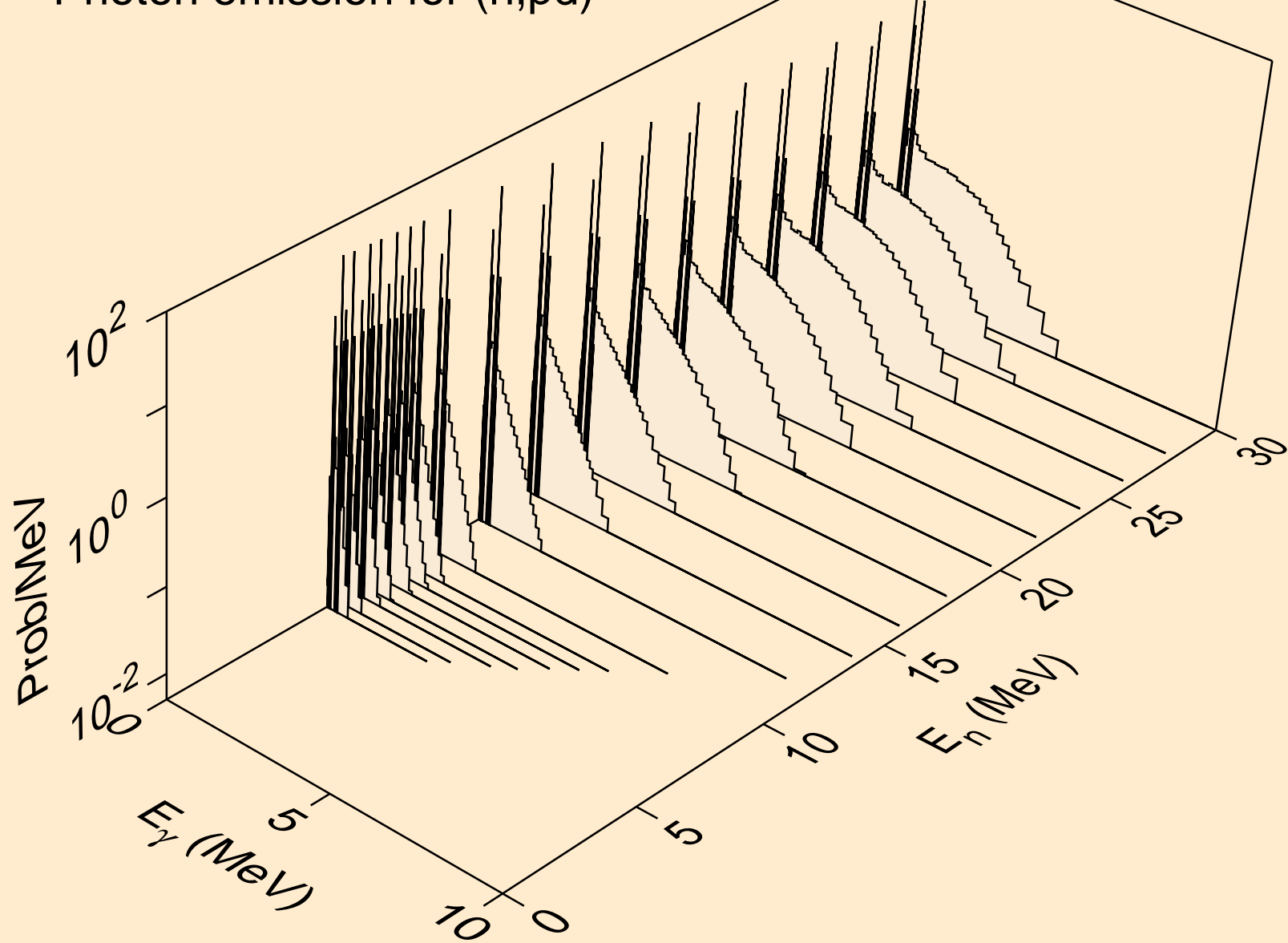
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t2a)



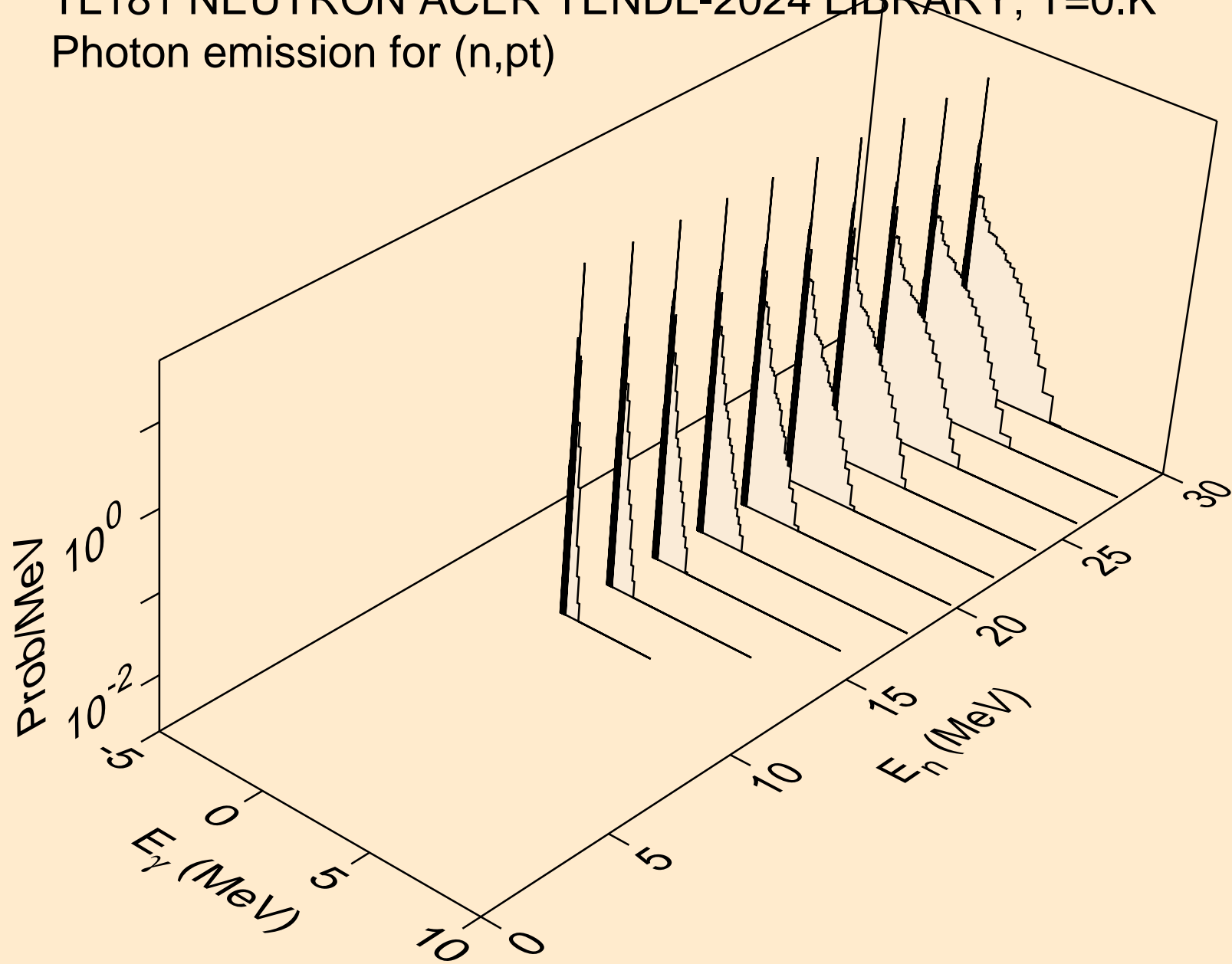
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d2a)



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

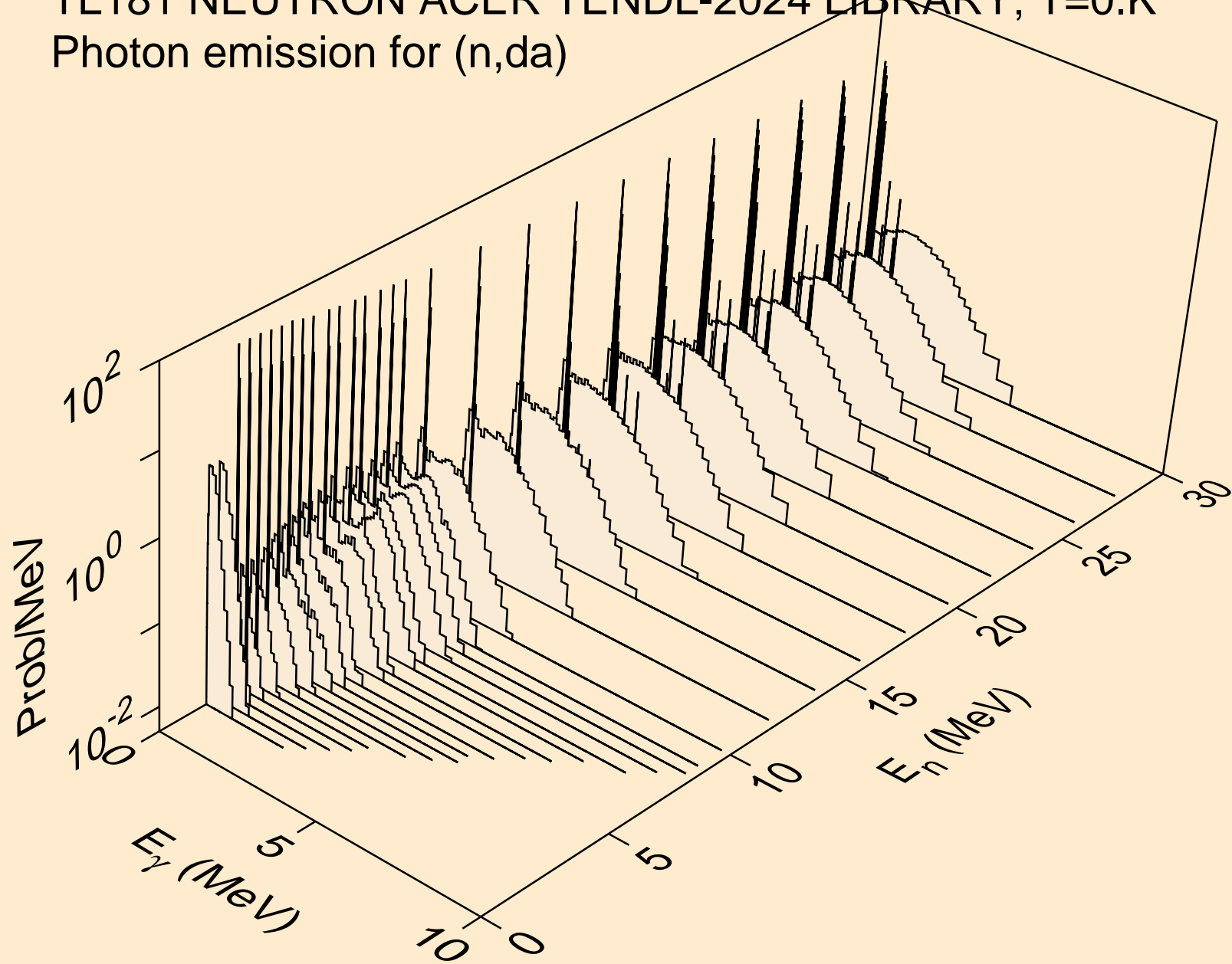


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

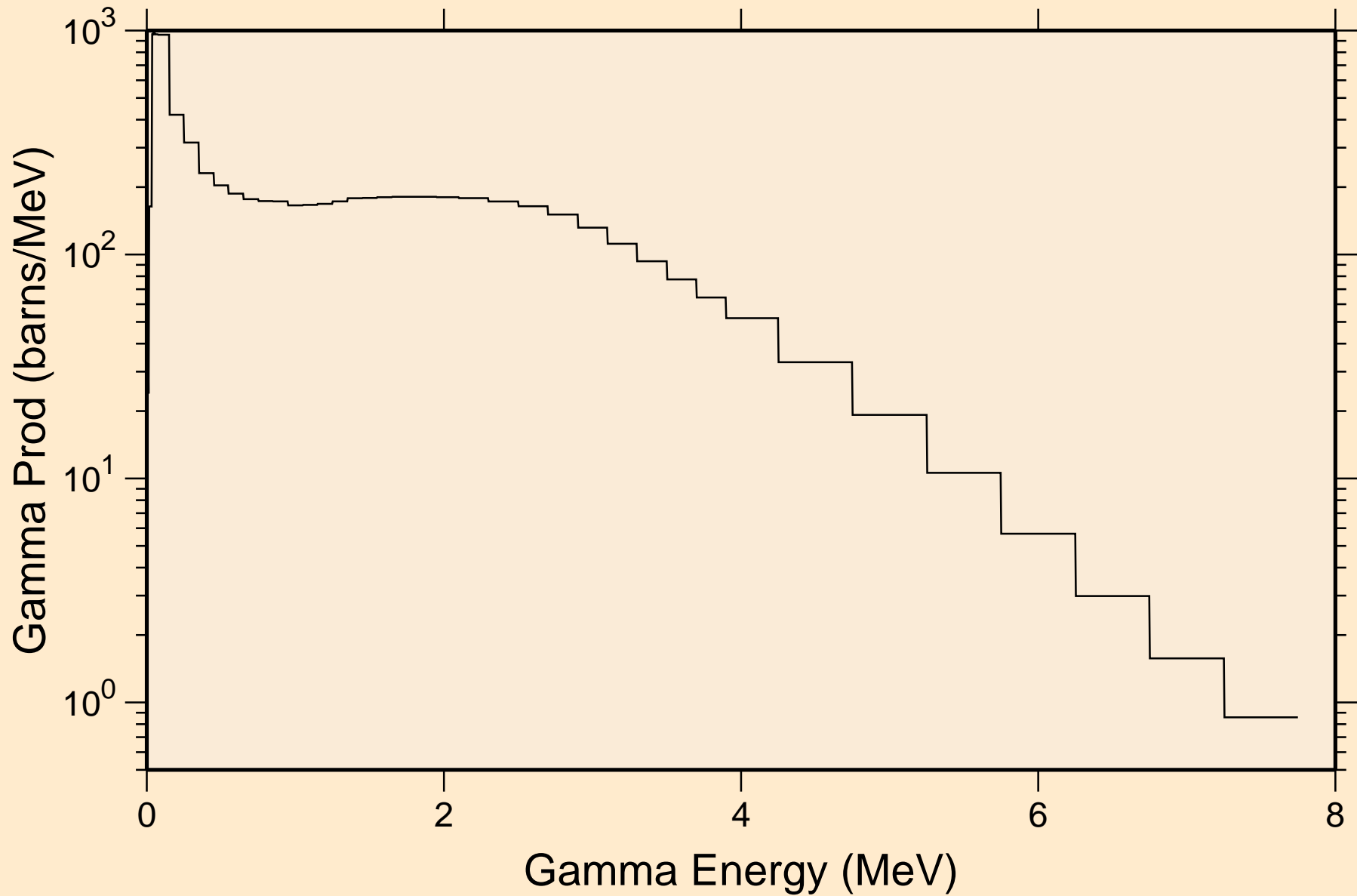




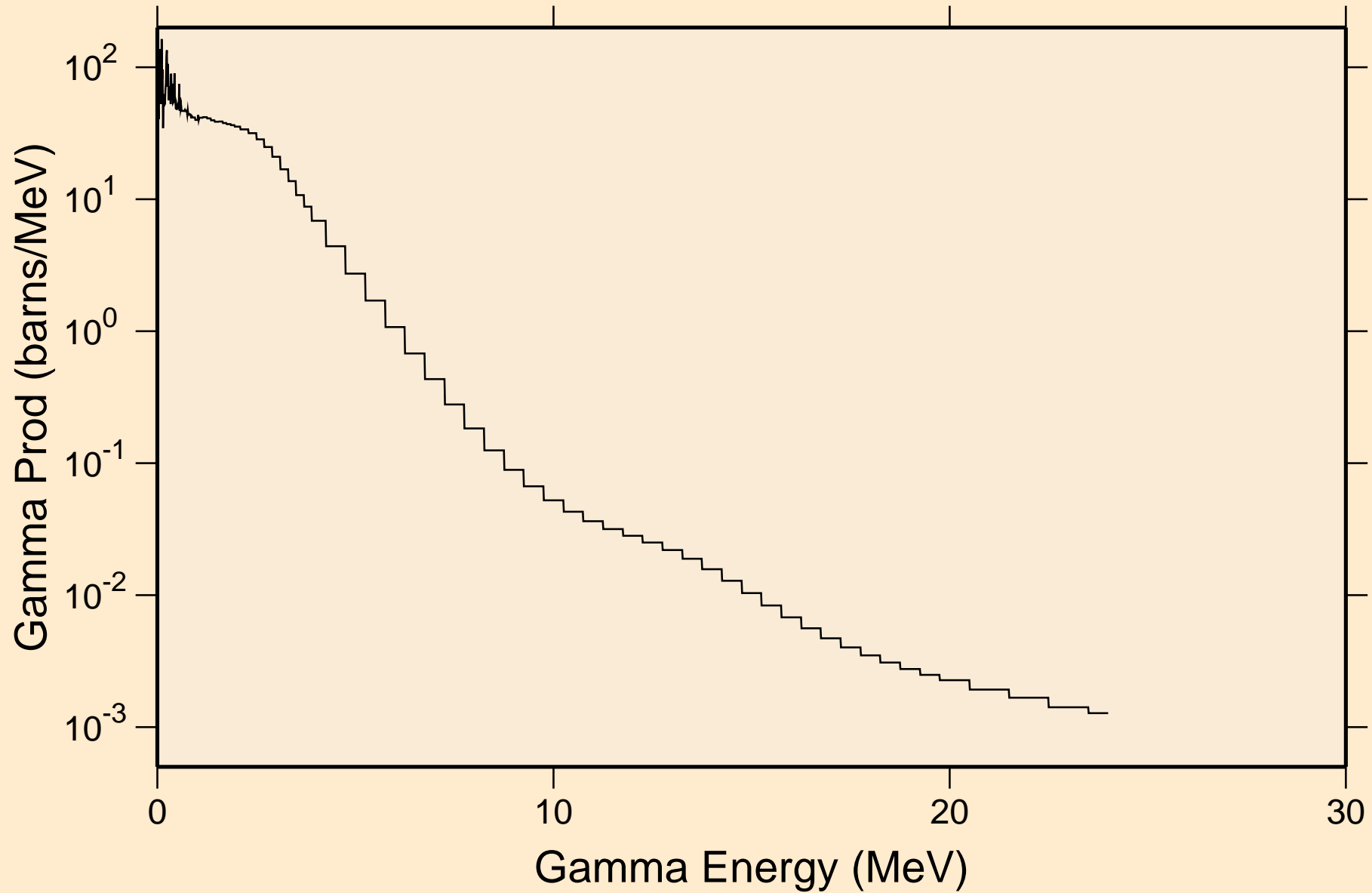
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



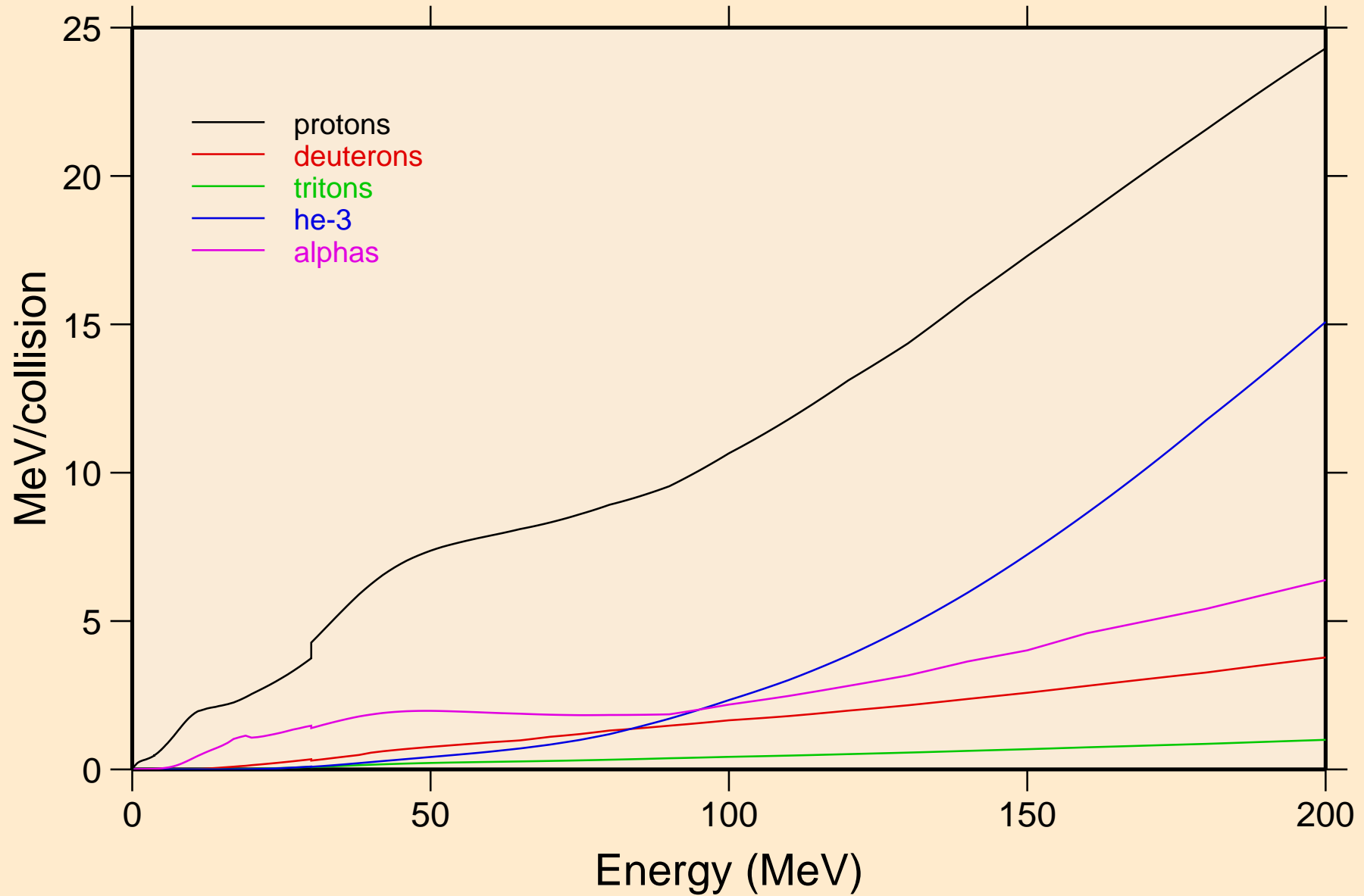
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



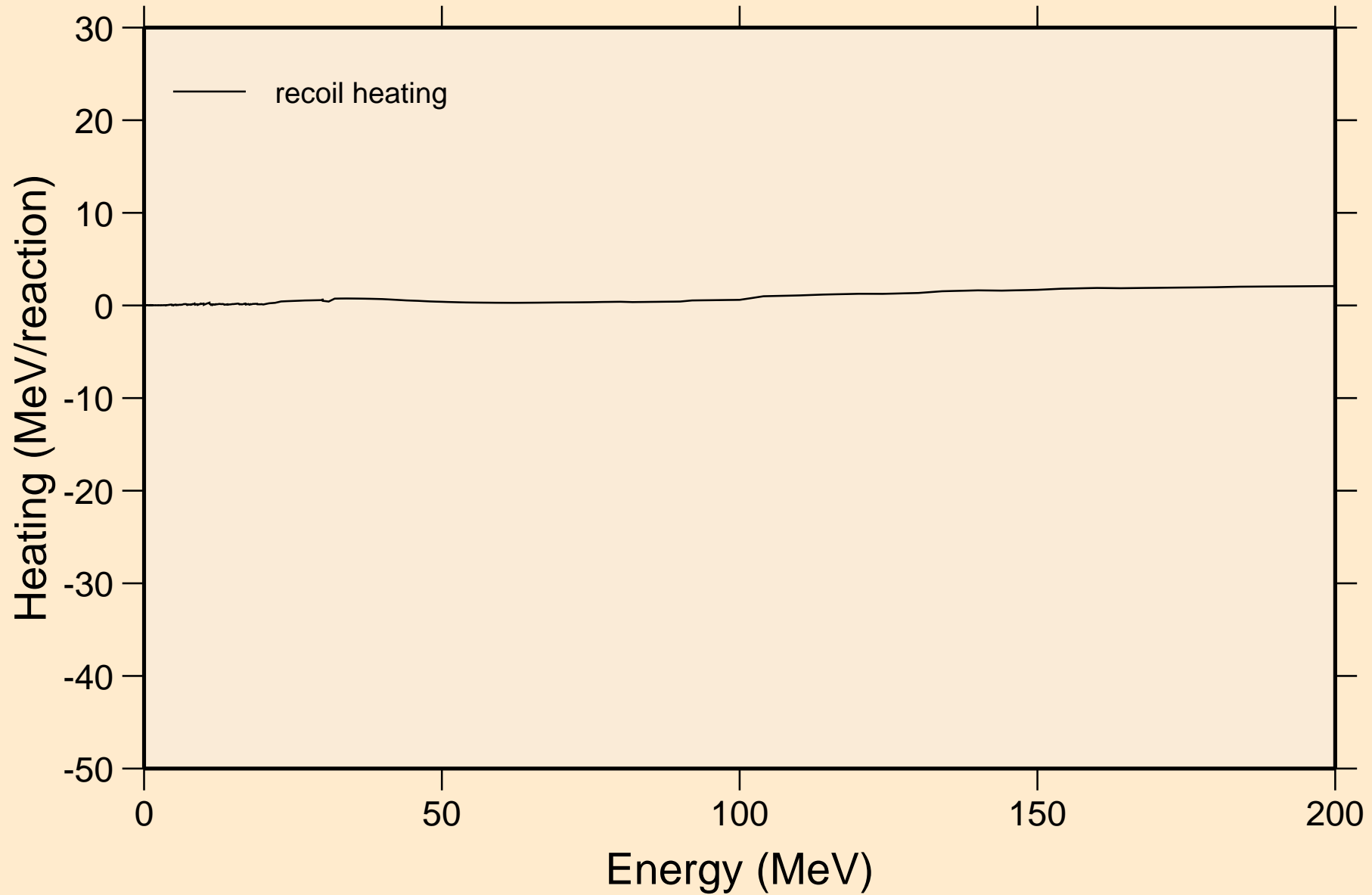
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

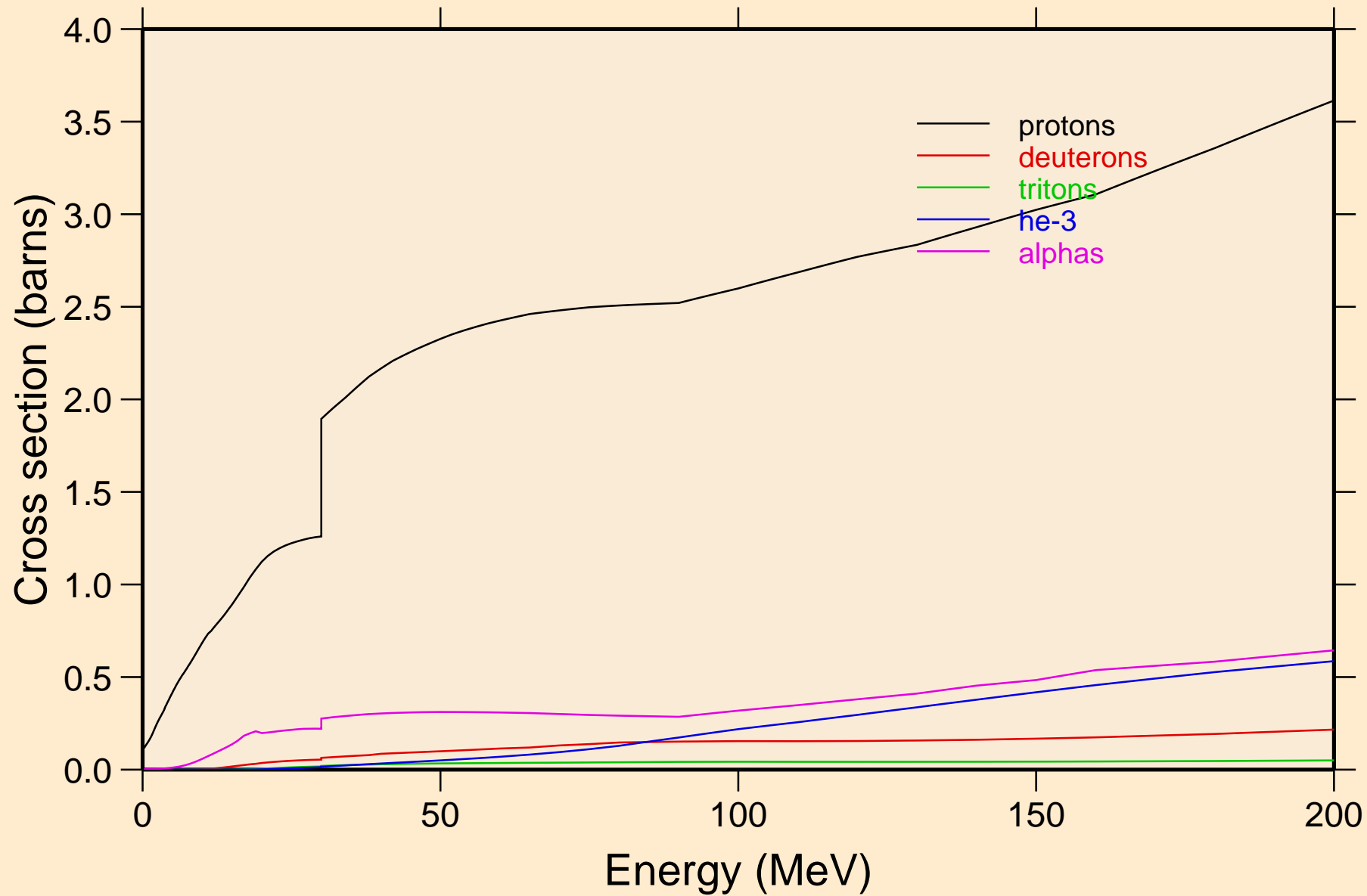


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

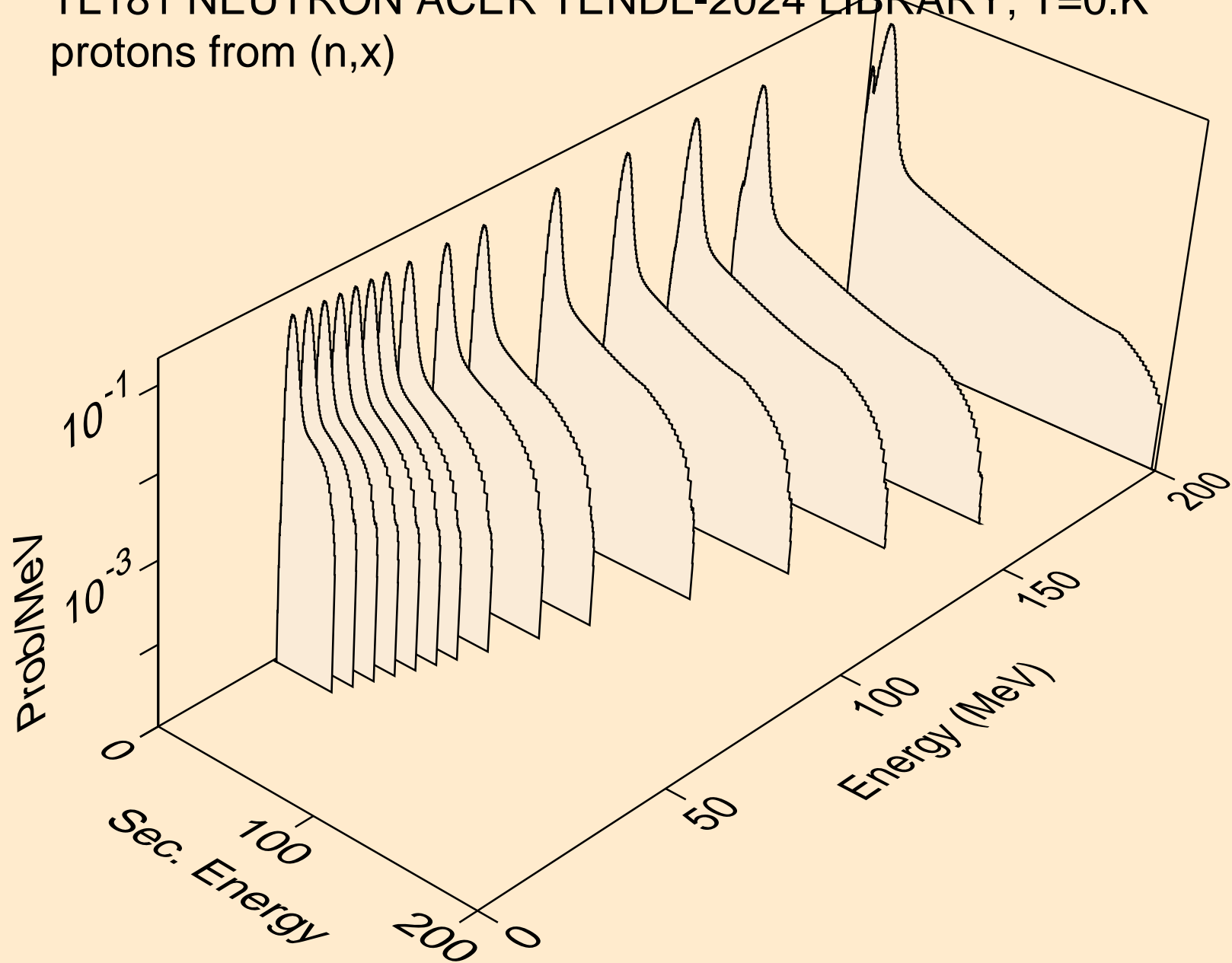


# TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

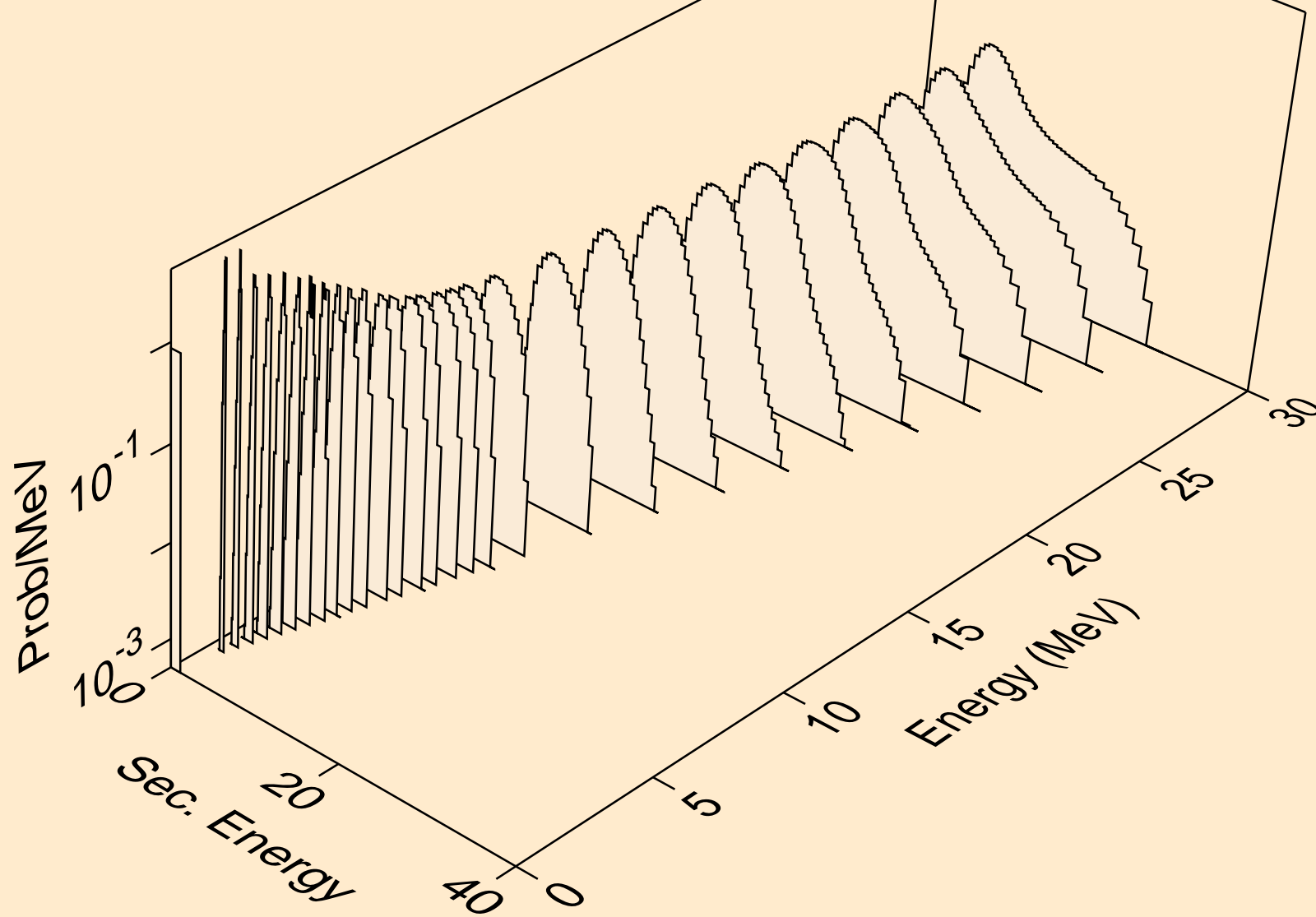
## Particle production cross sections



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

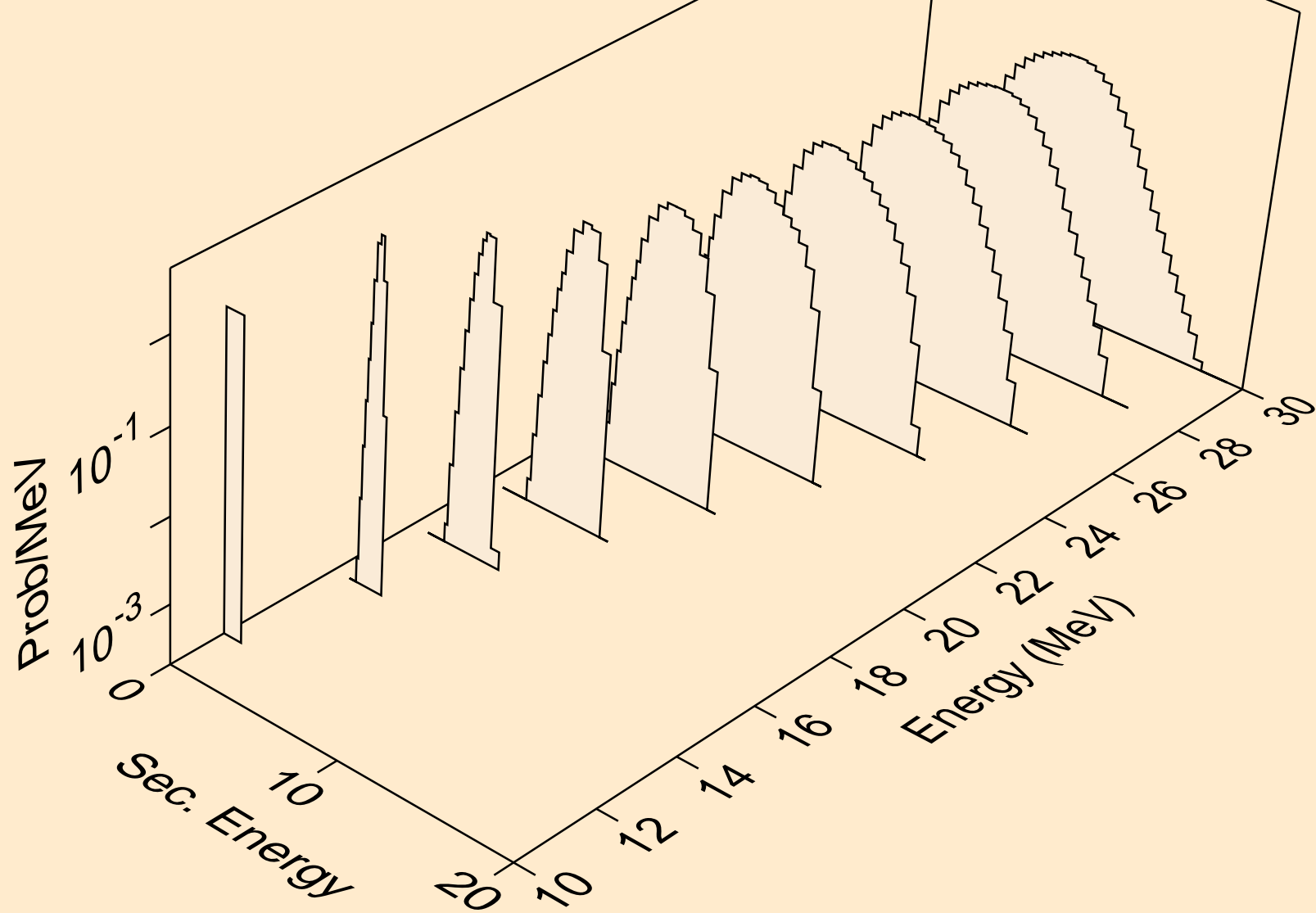


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

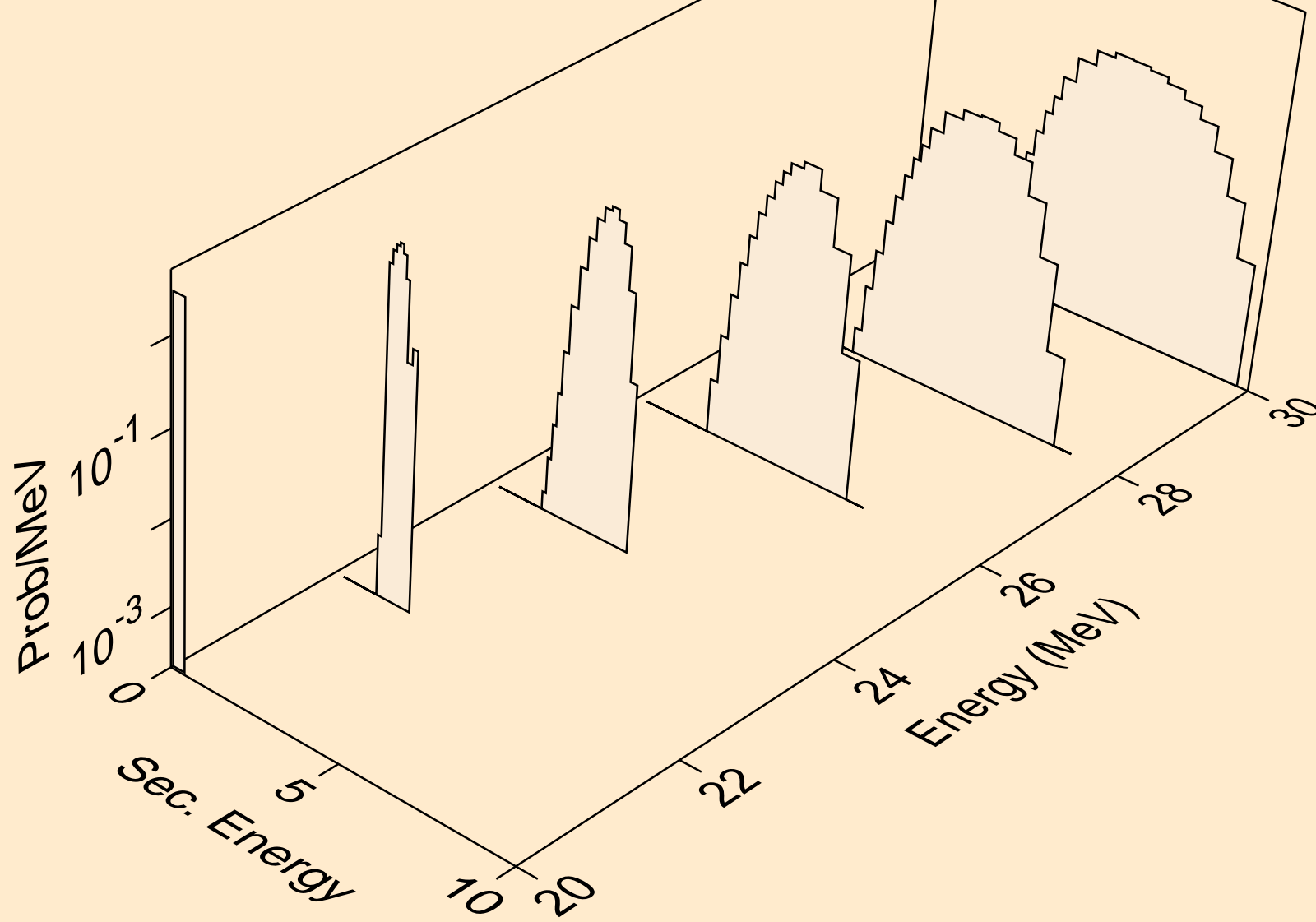




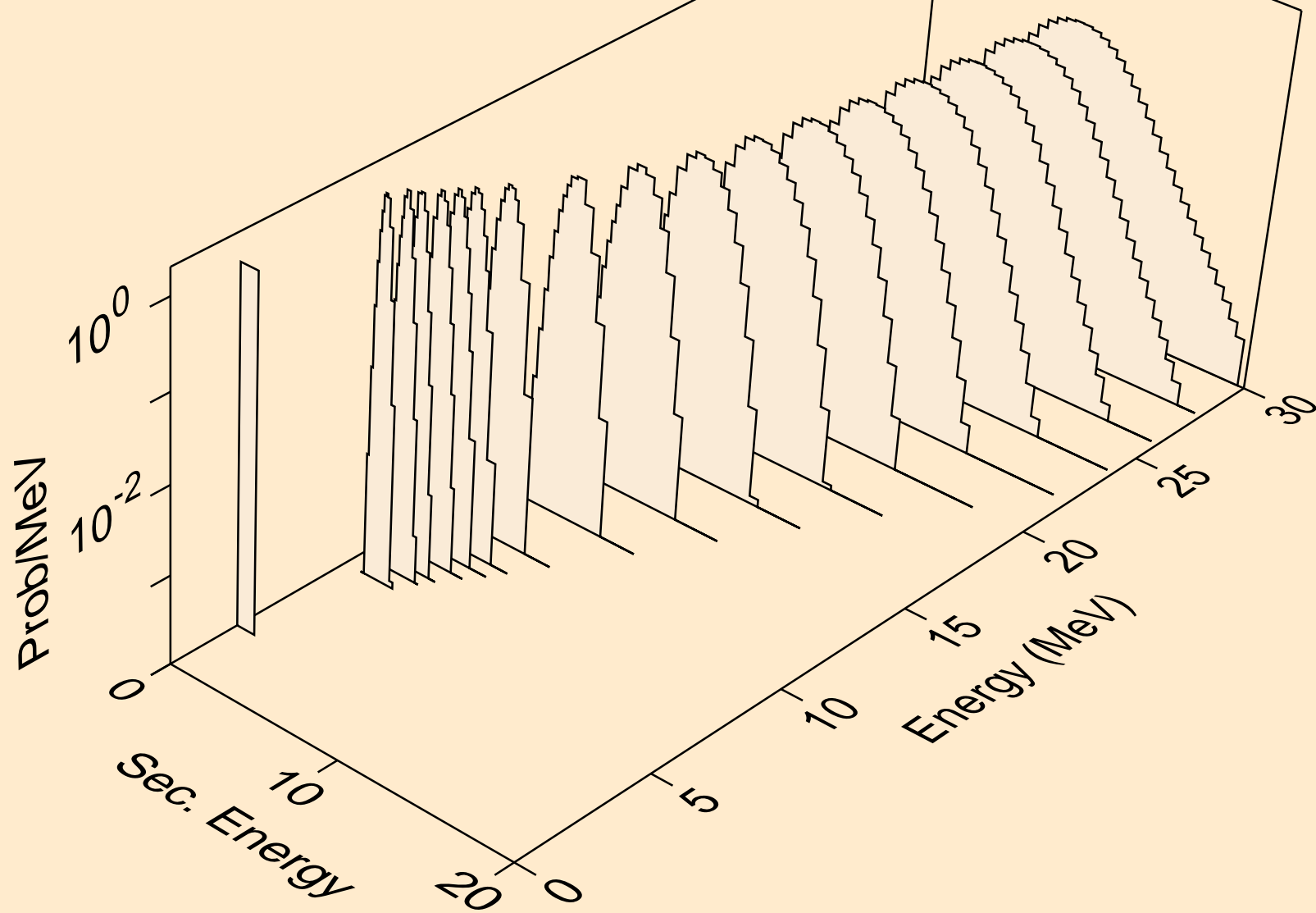
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



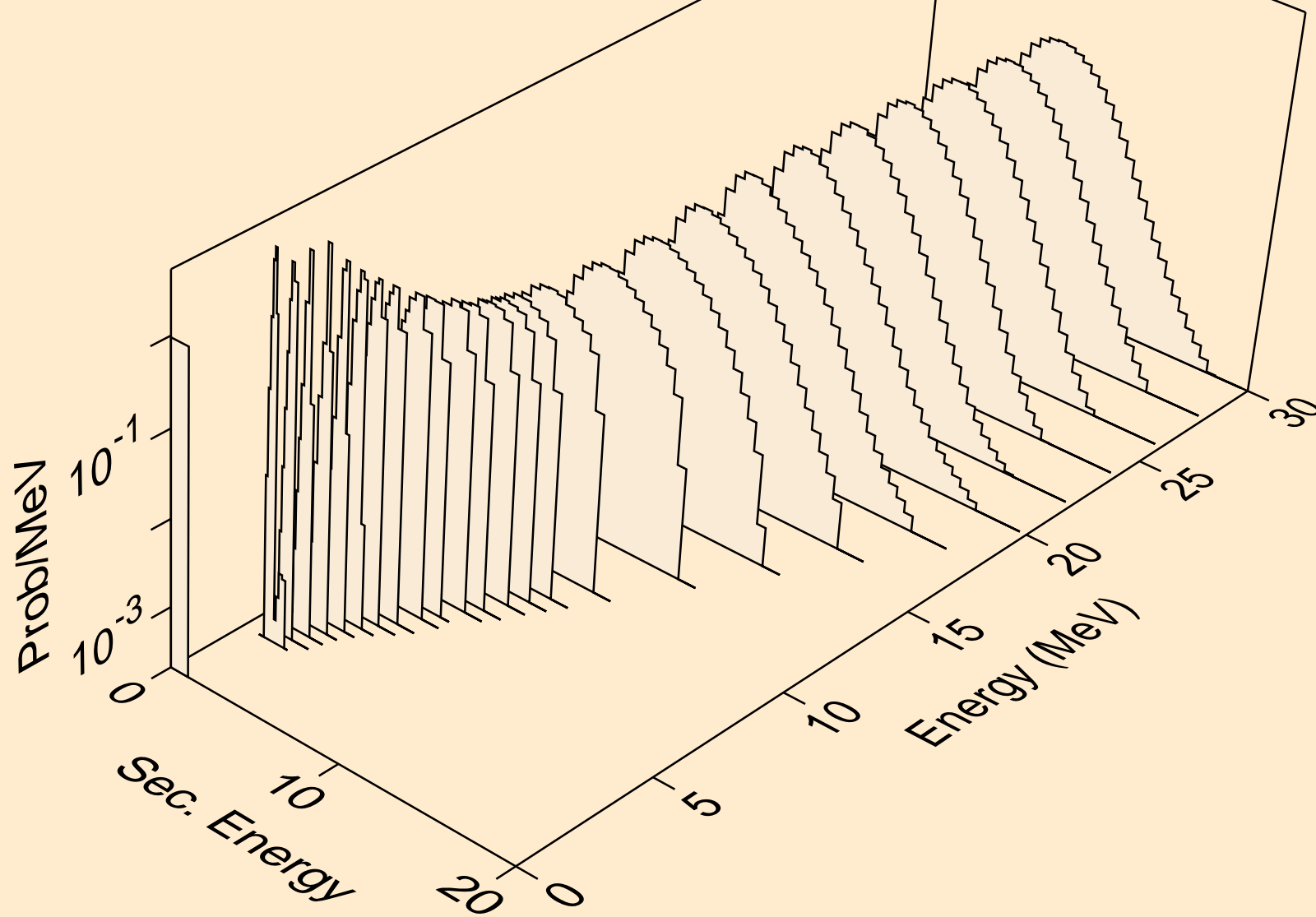
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



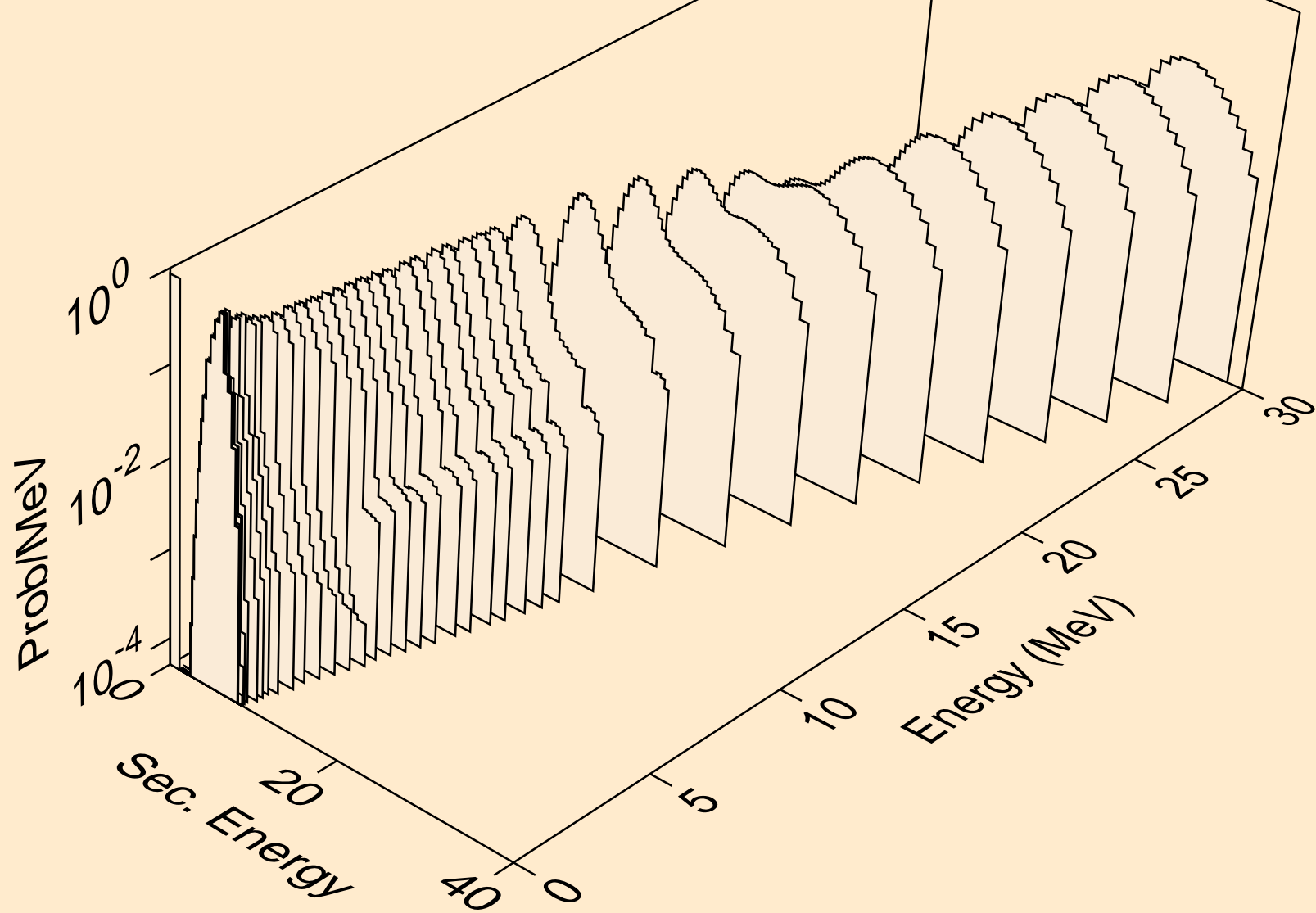
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



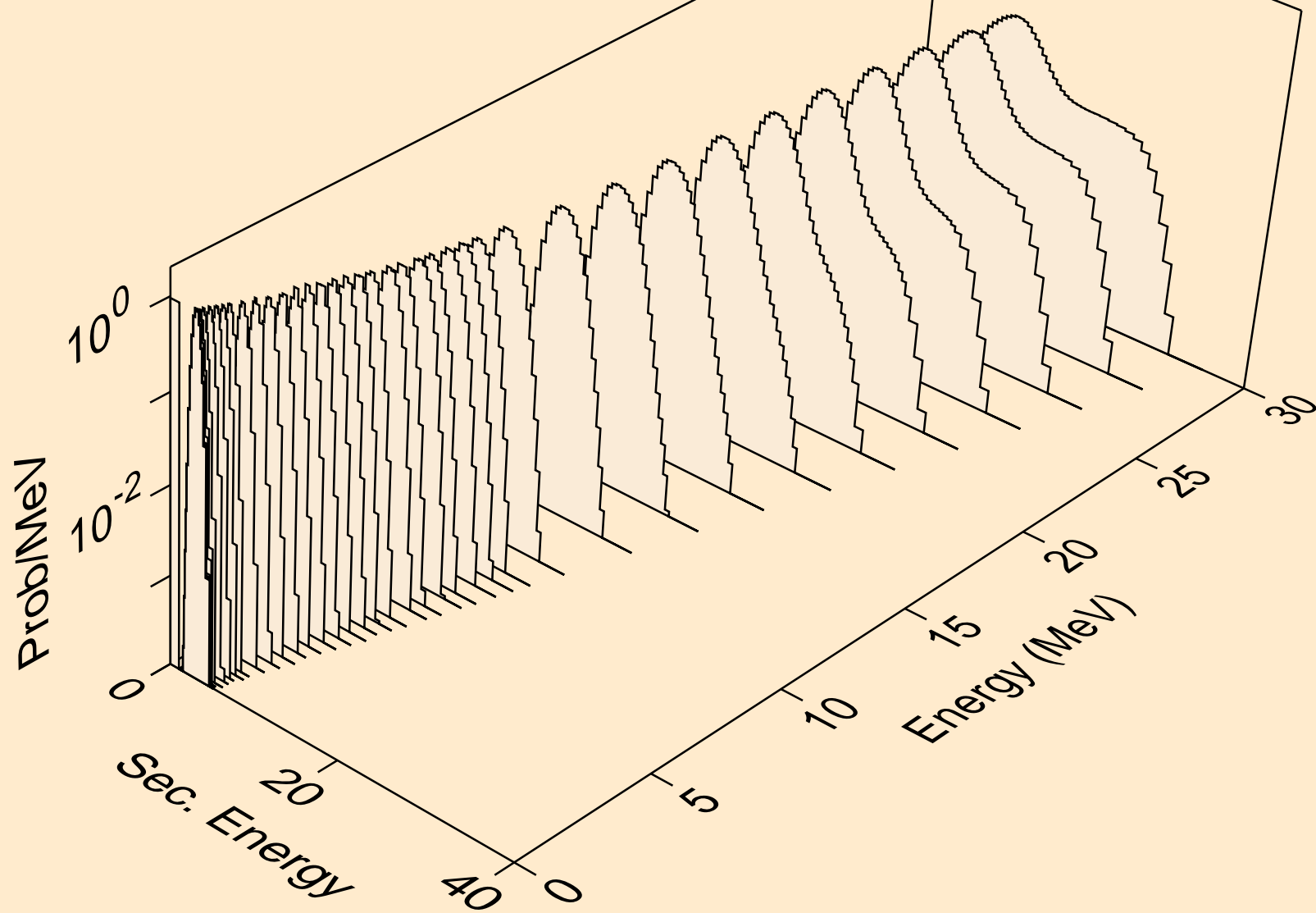
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



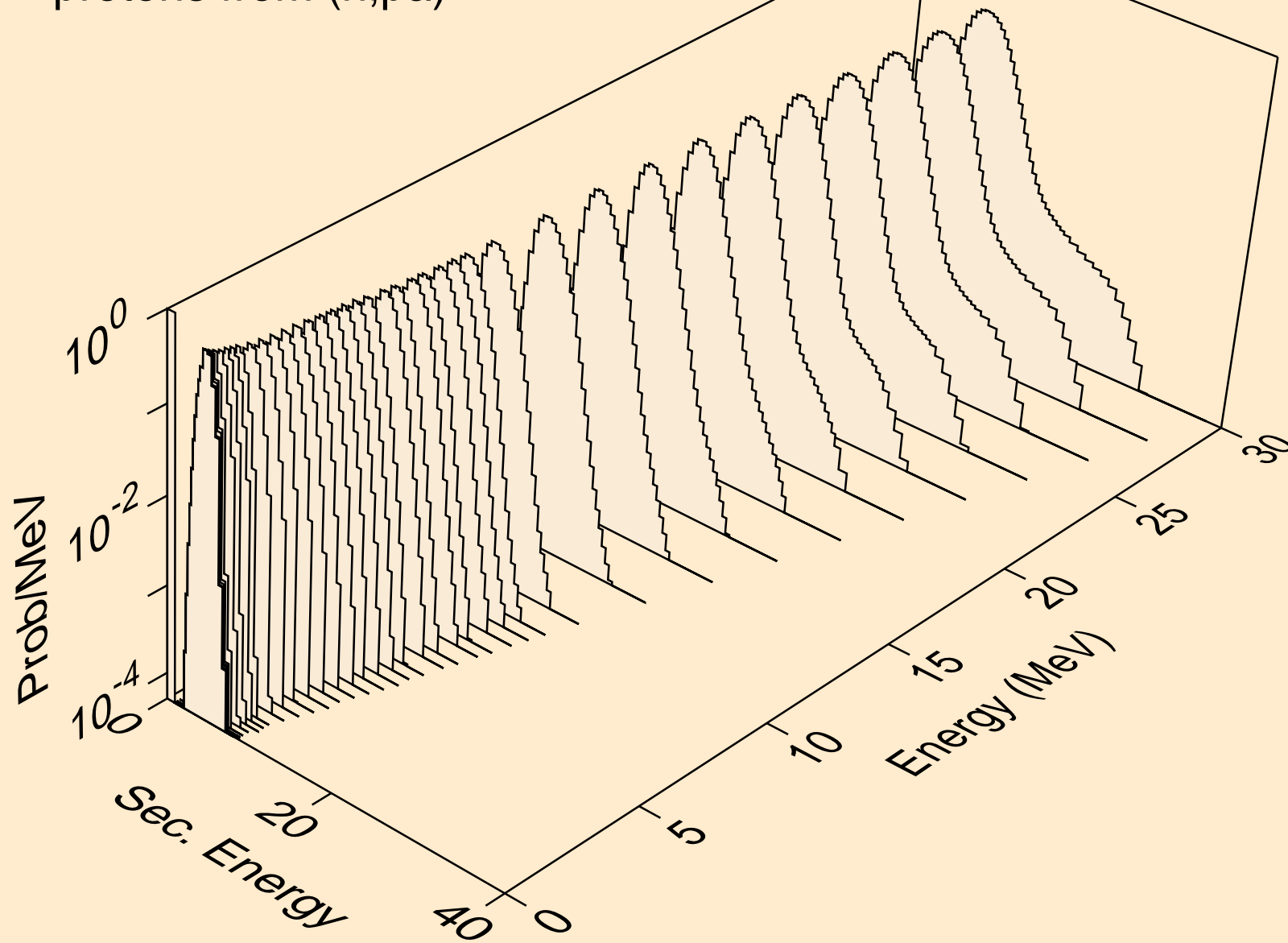
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



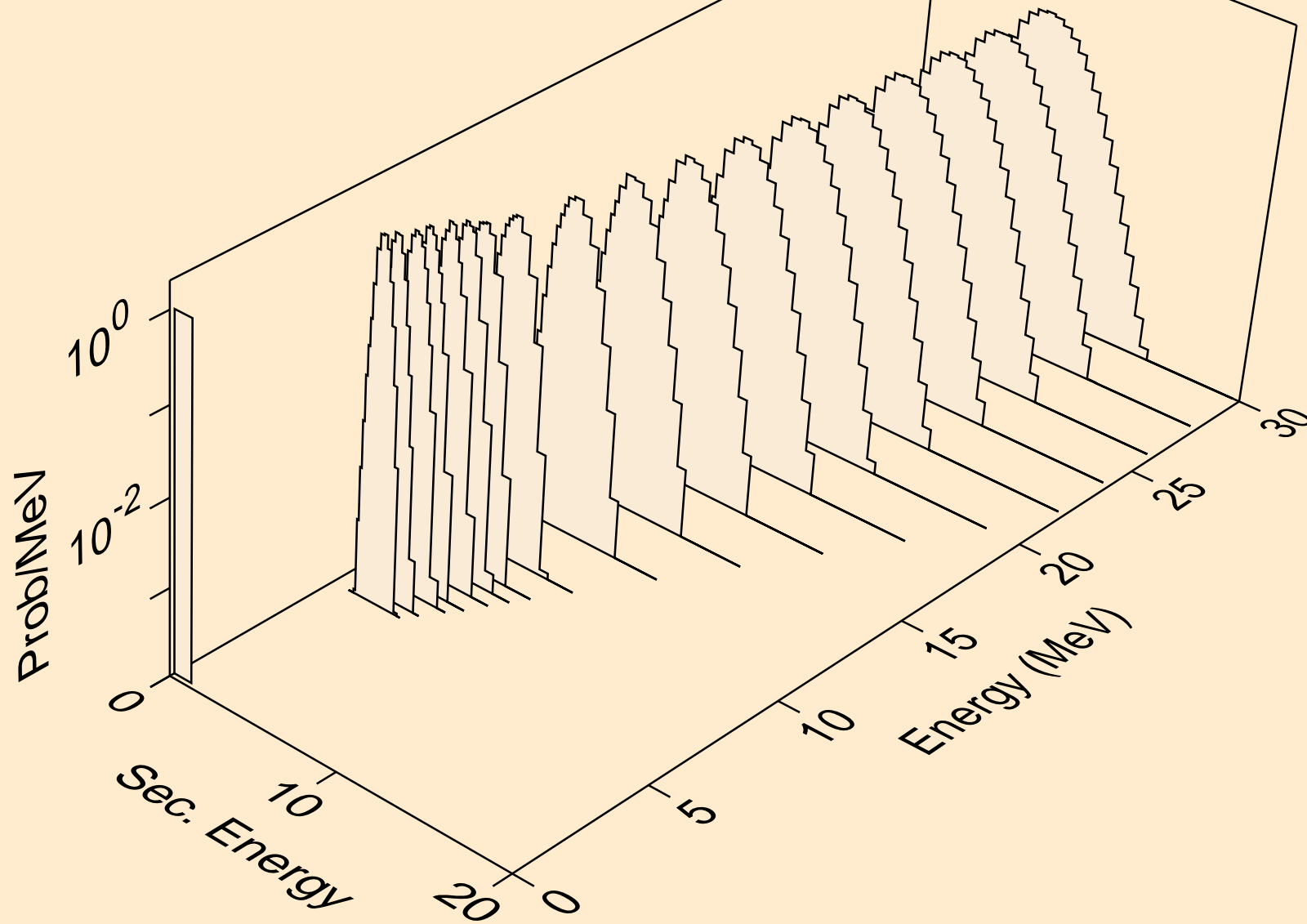
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

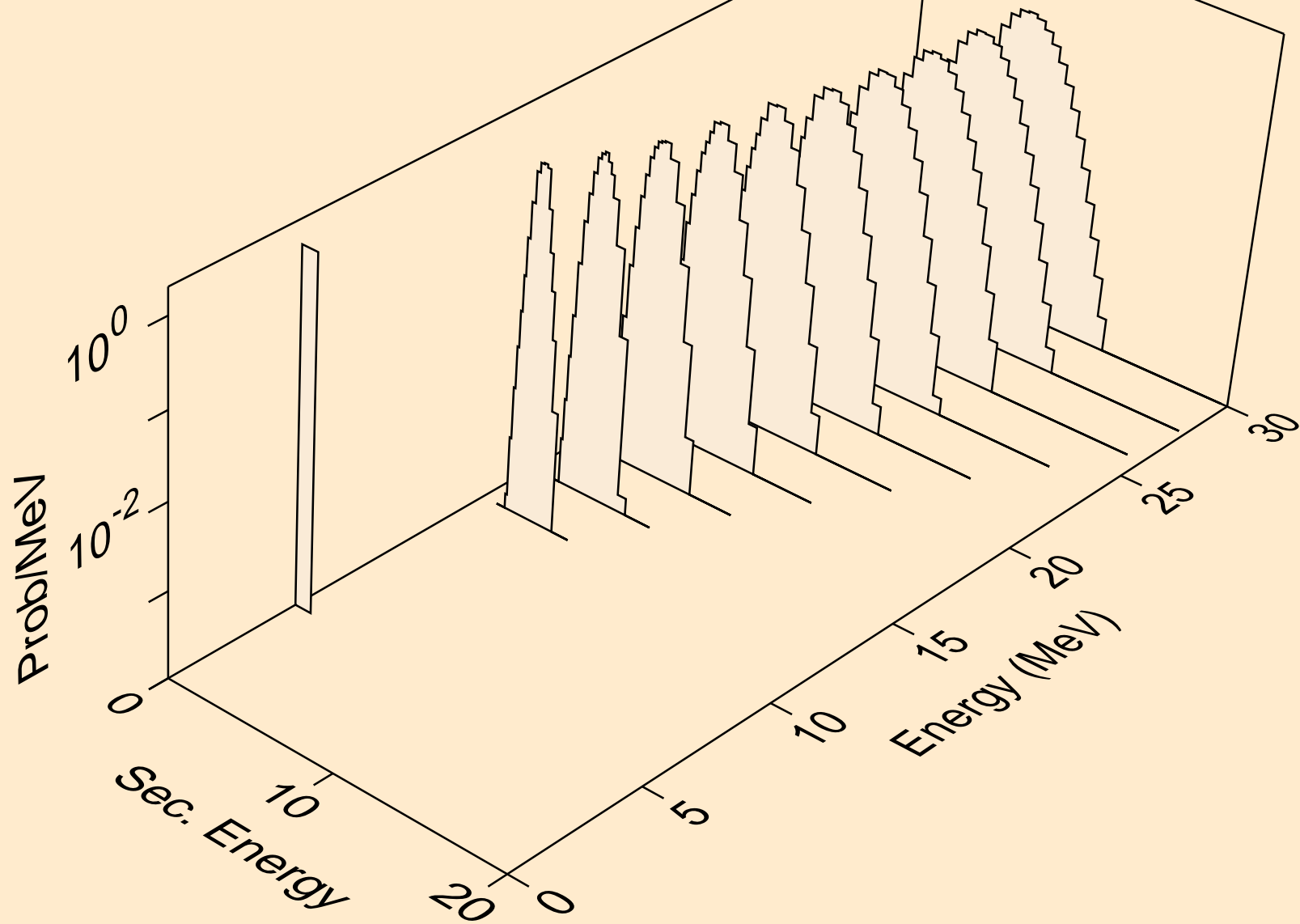


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

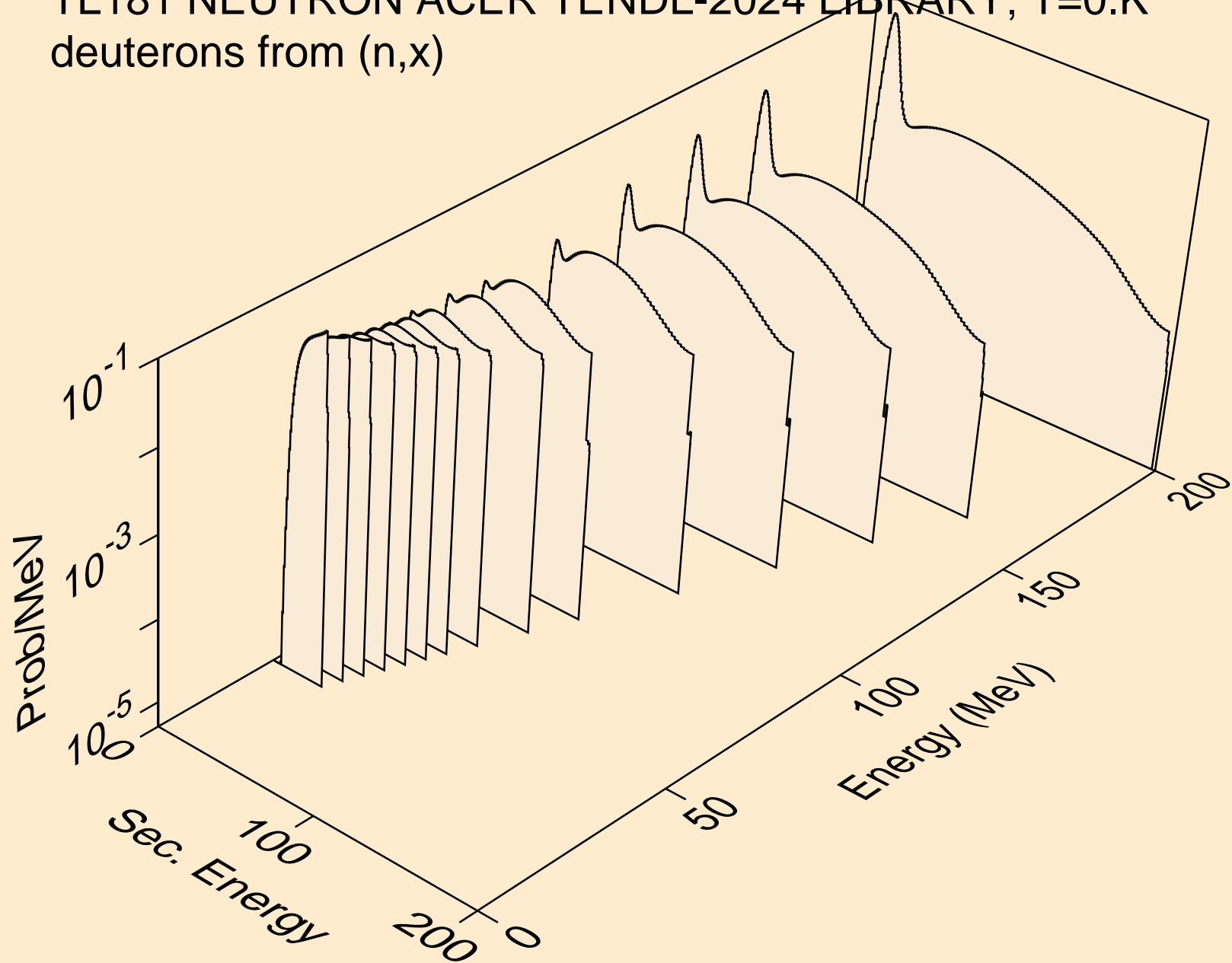




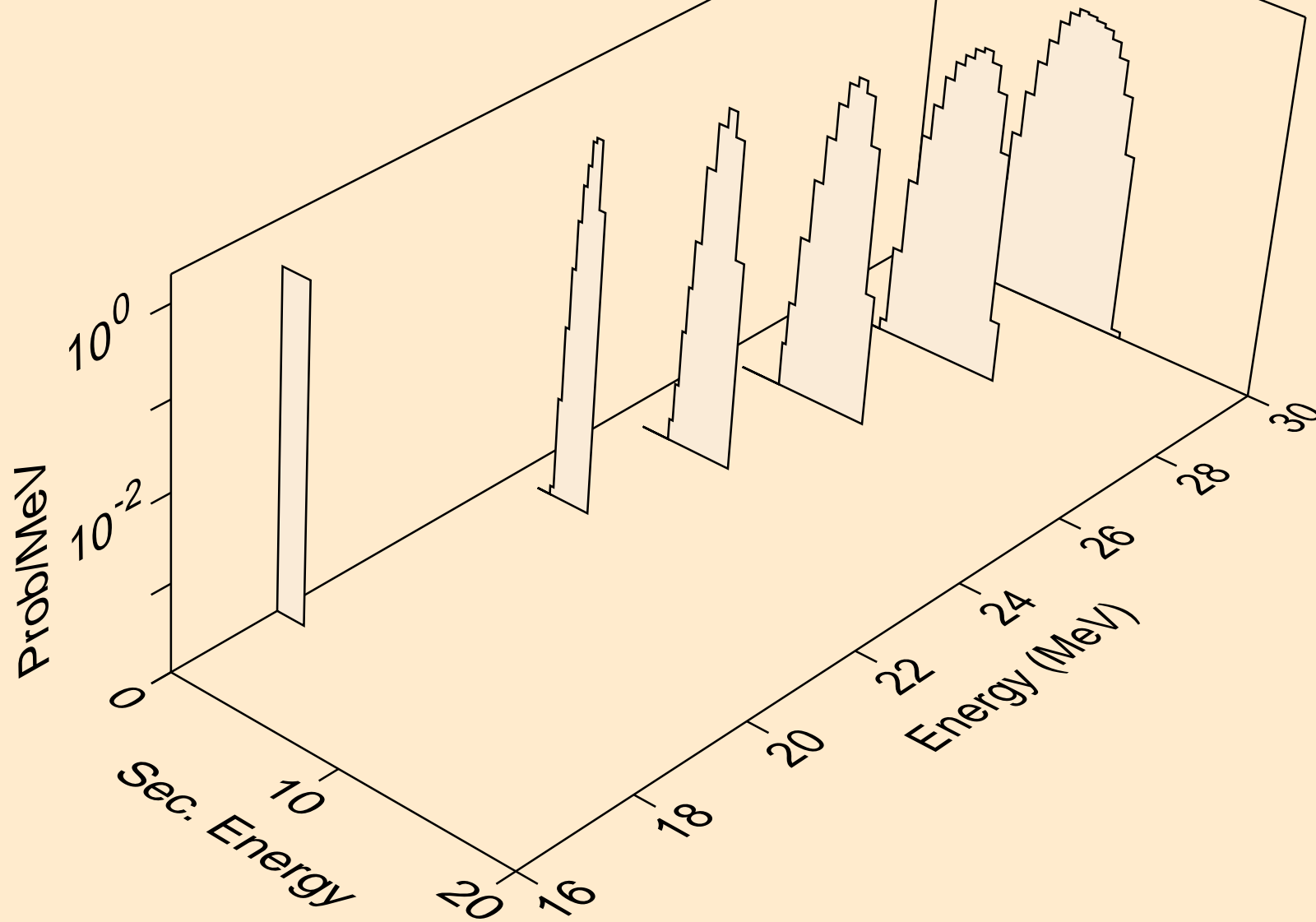
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



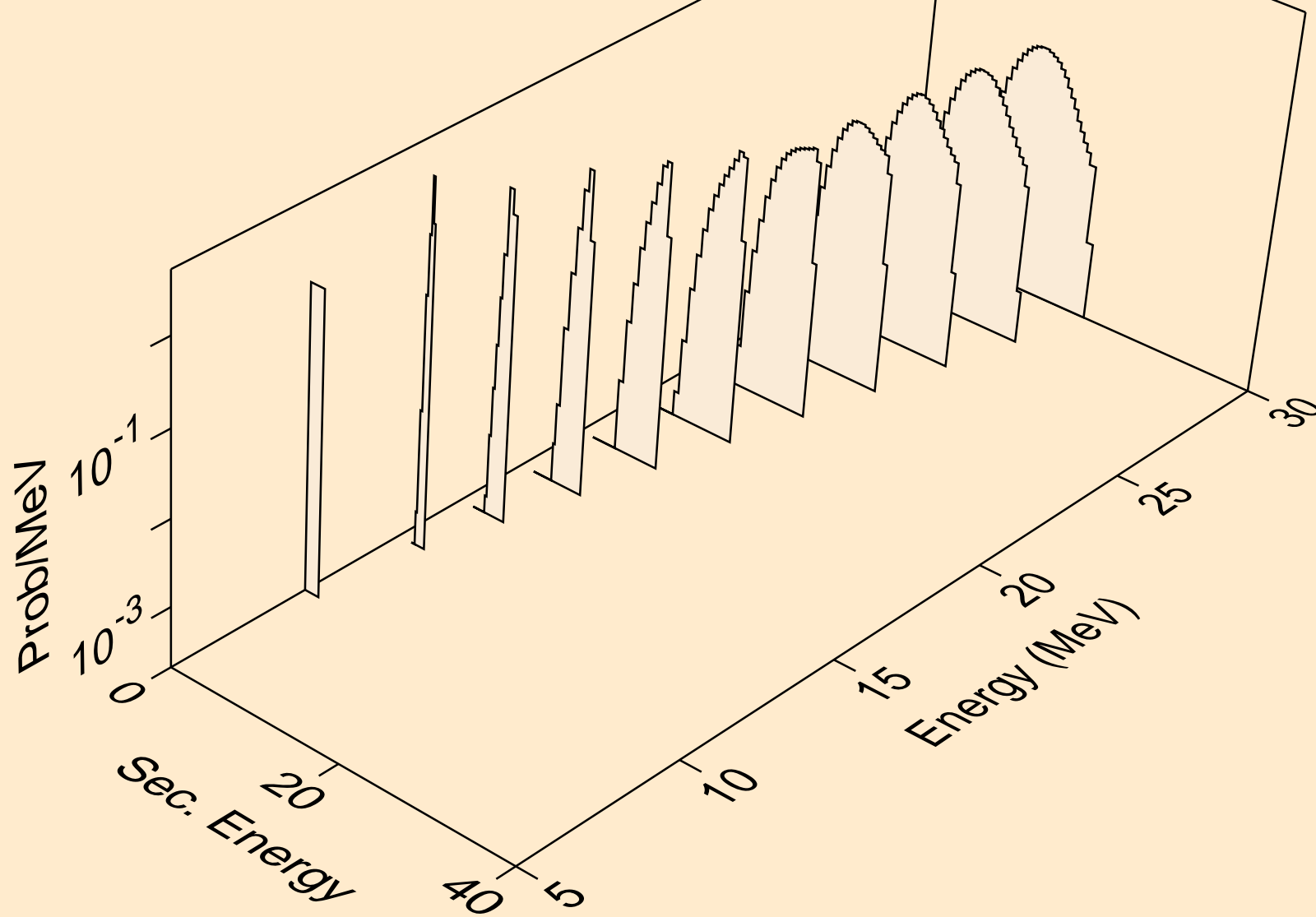
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



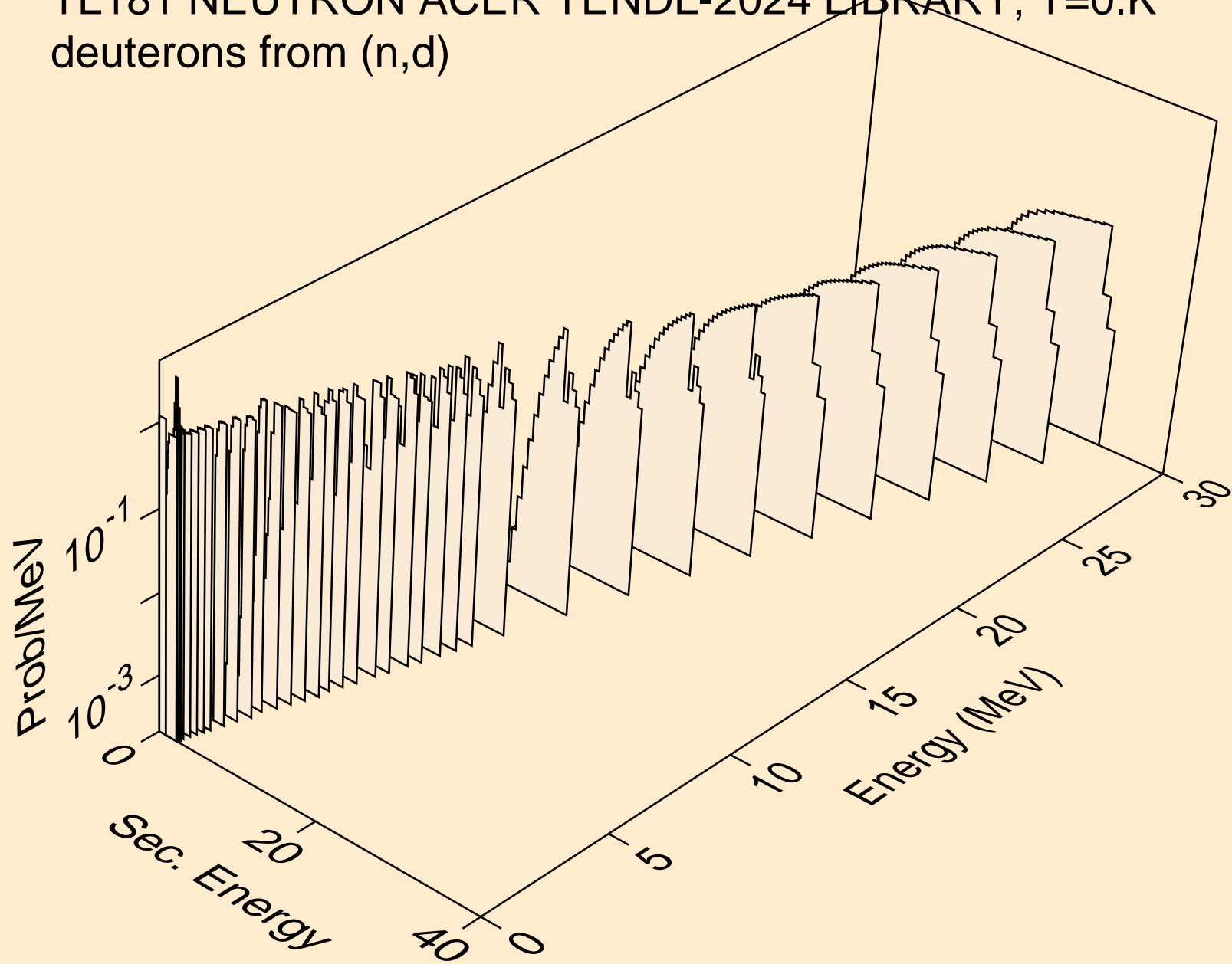
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



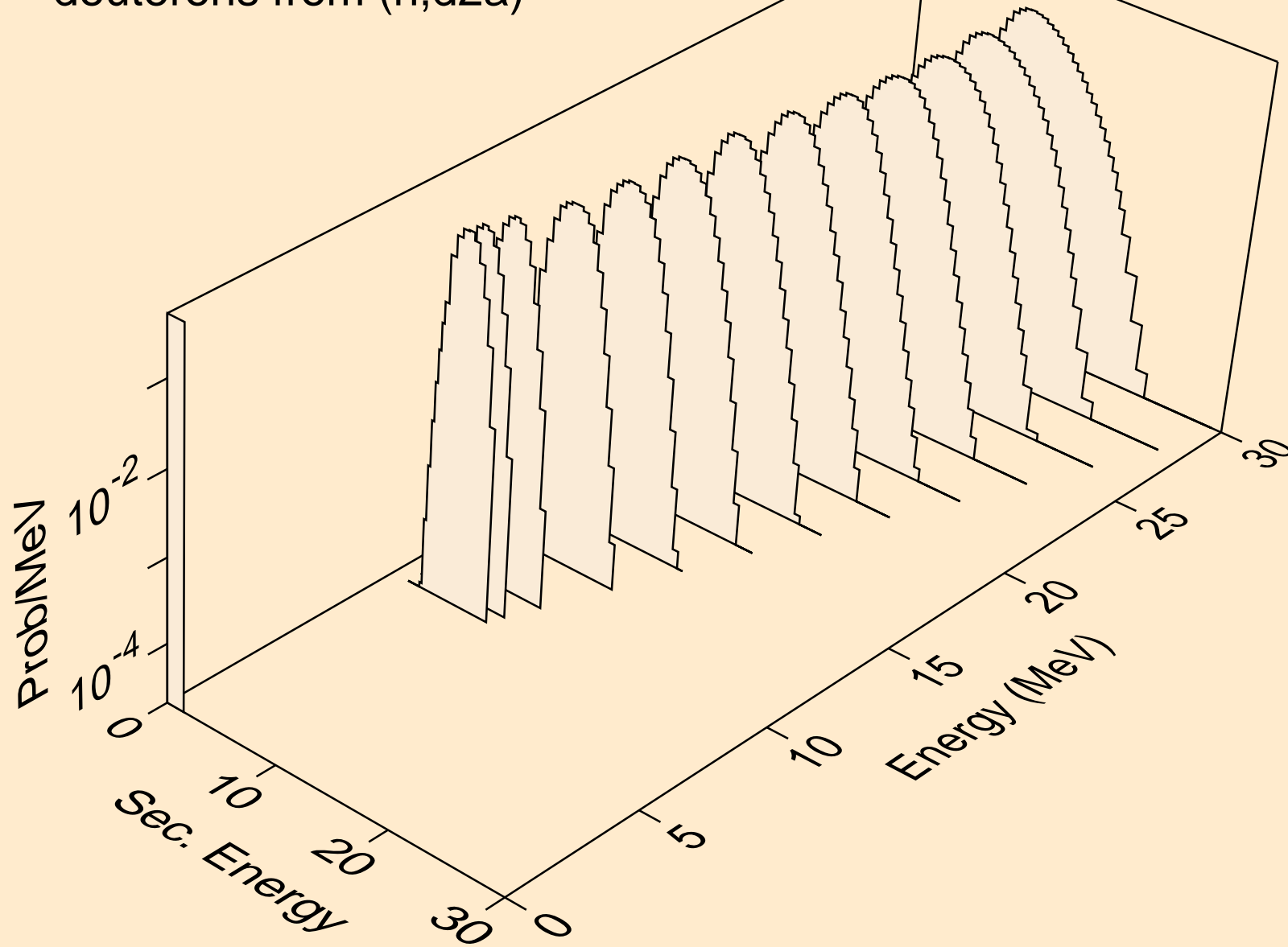
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



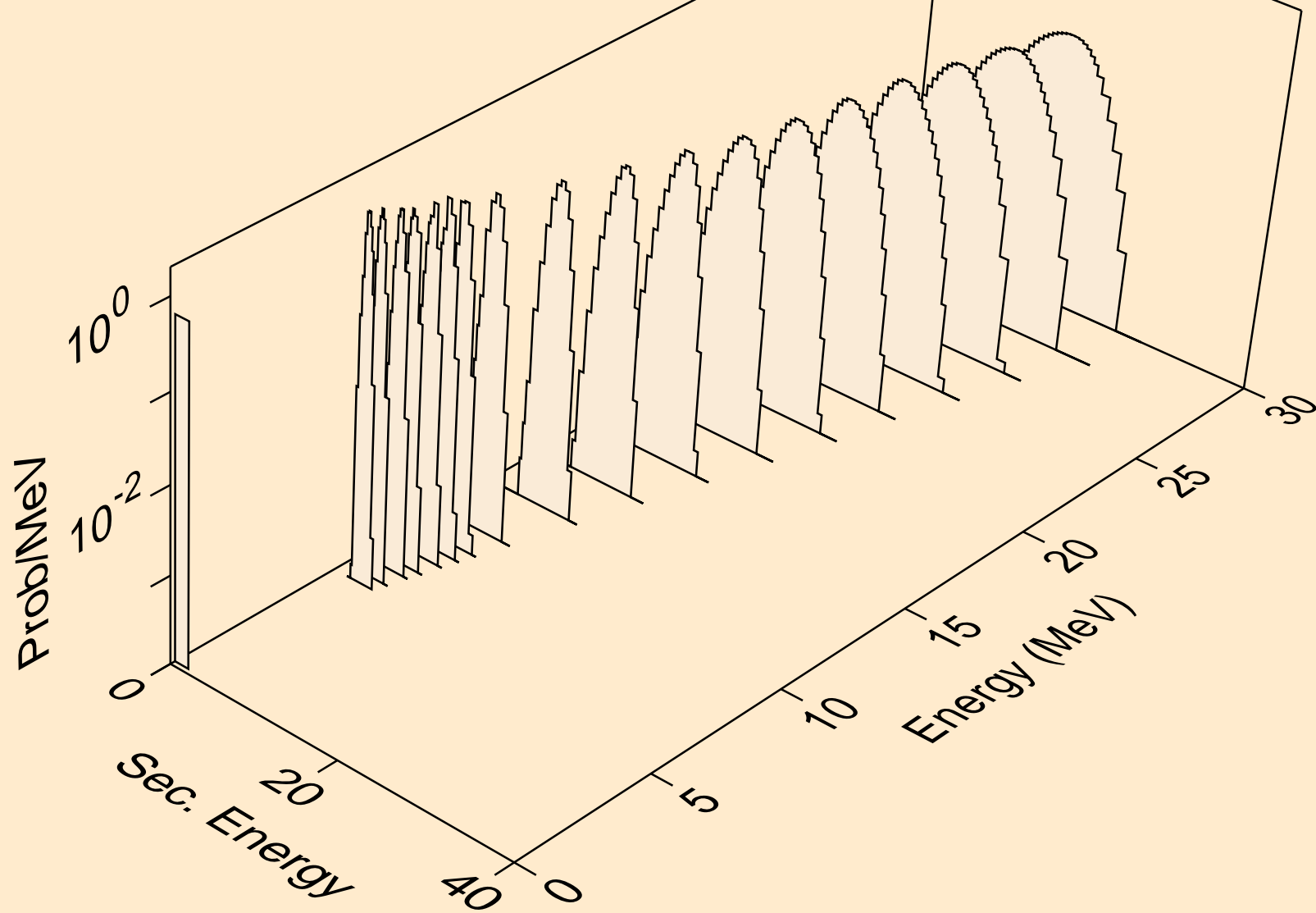
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



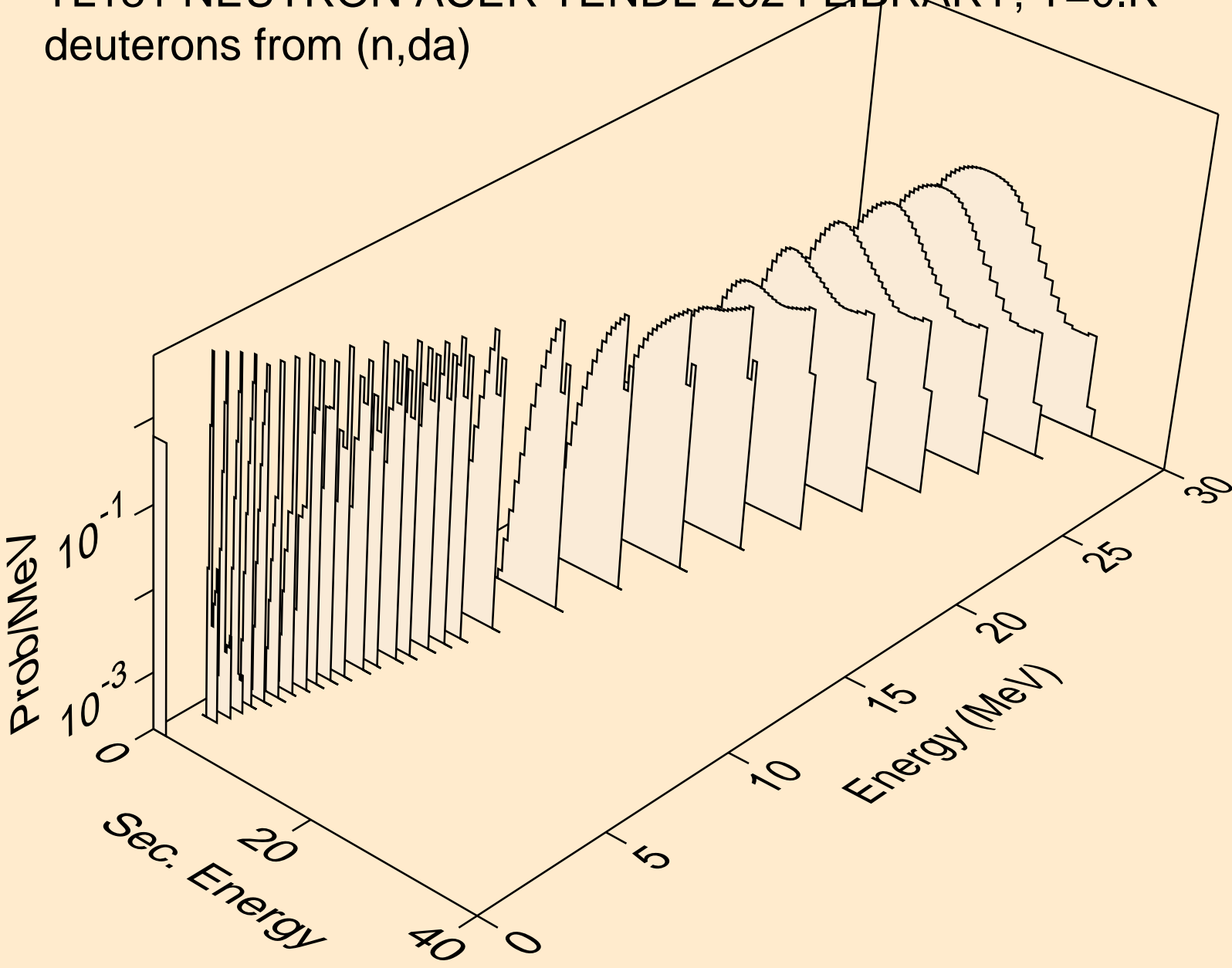
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d2a)



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

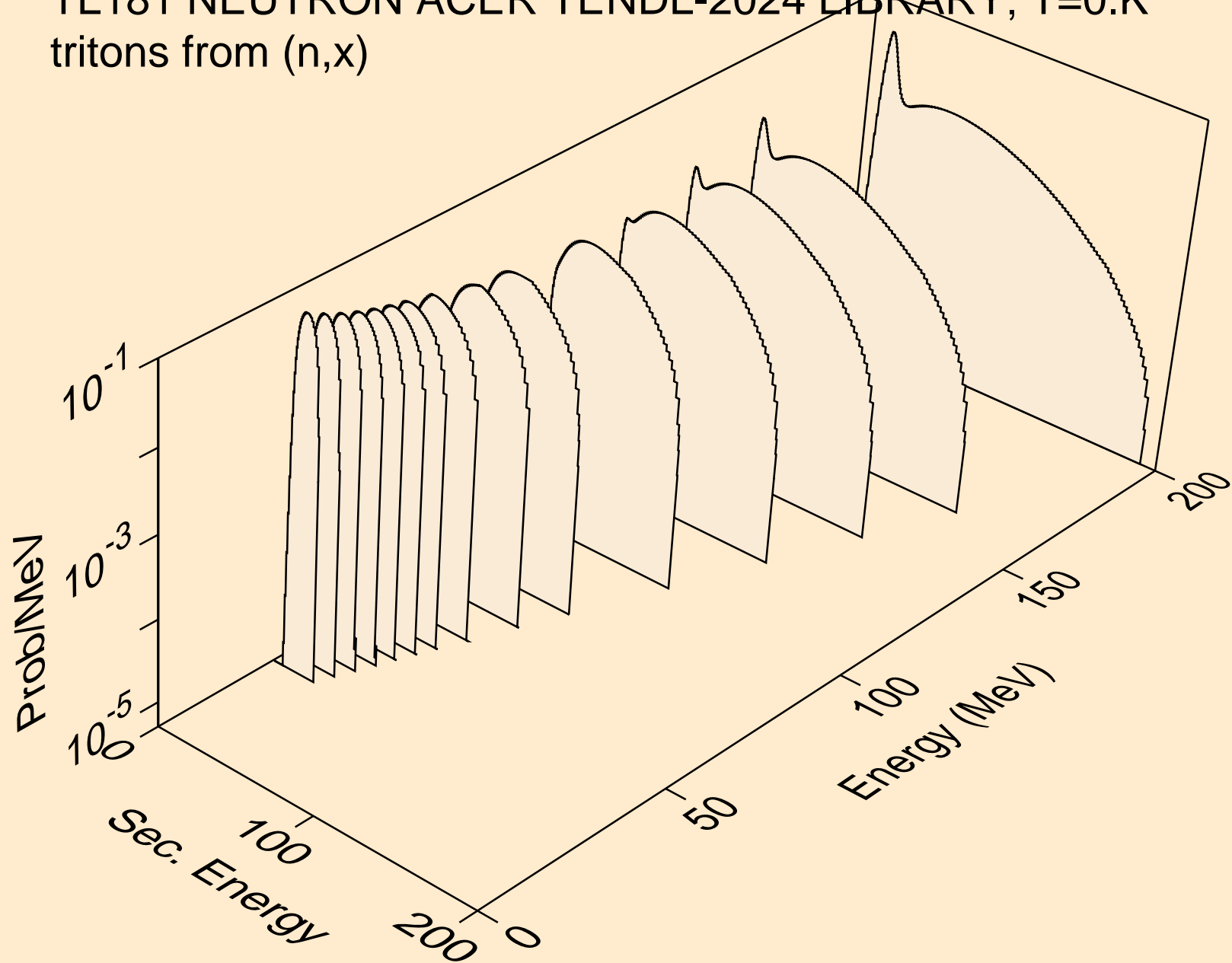


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

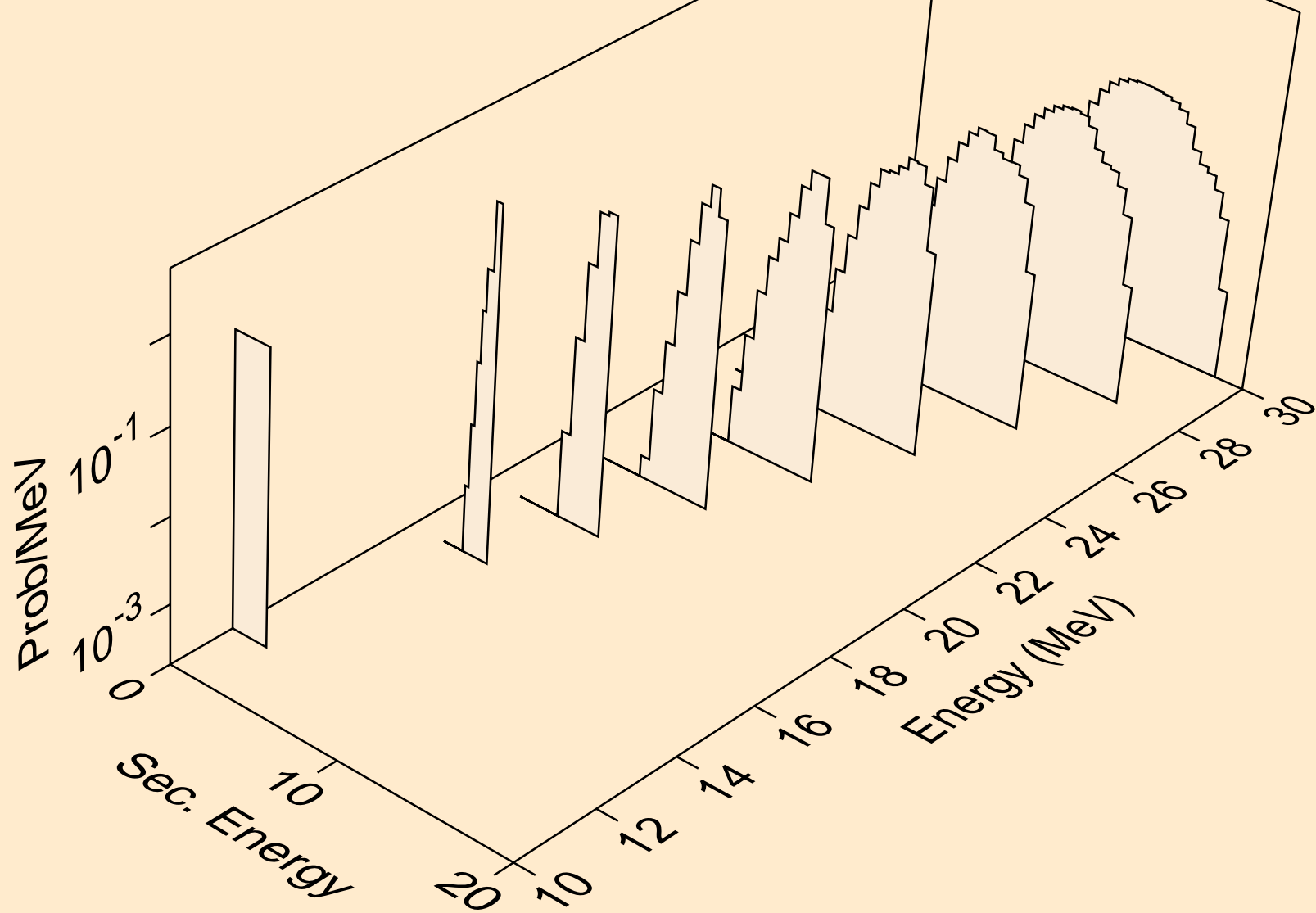




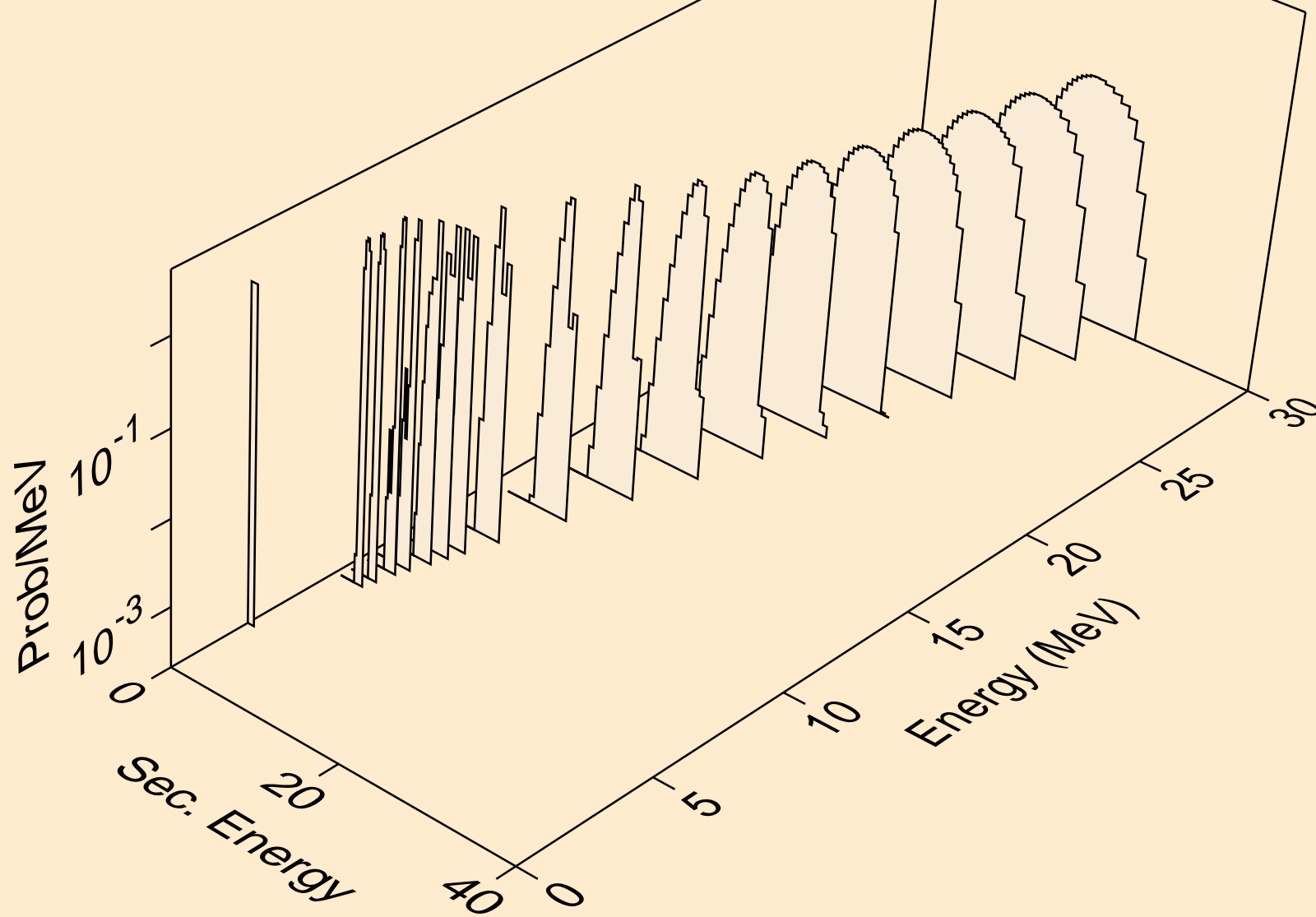
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



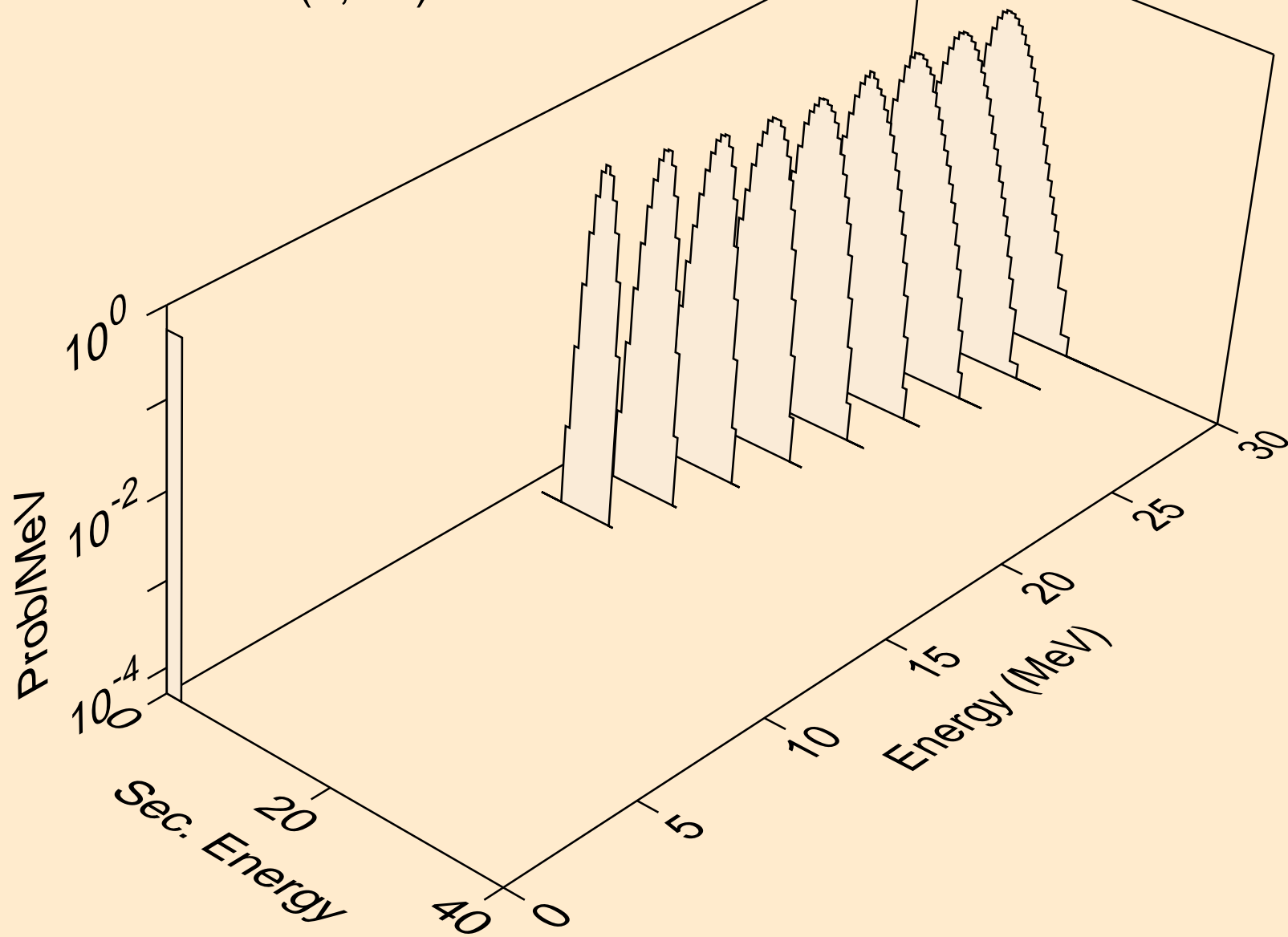
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



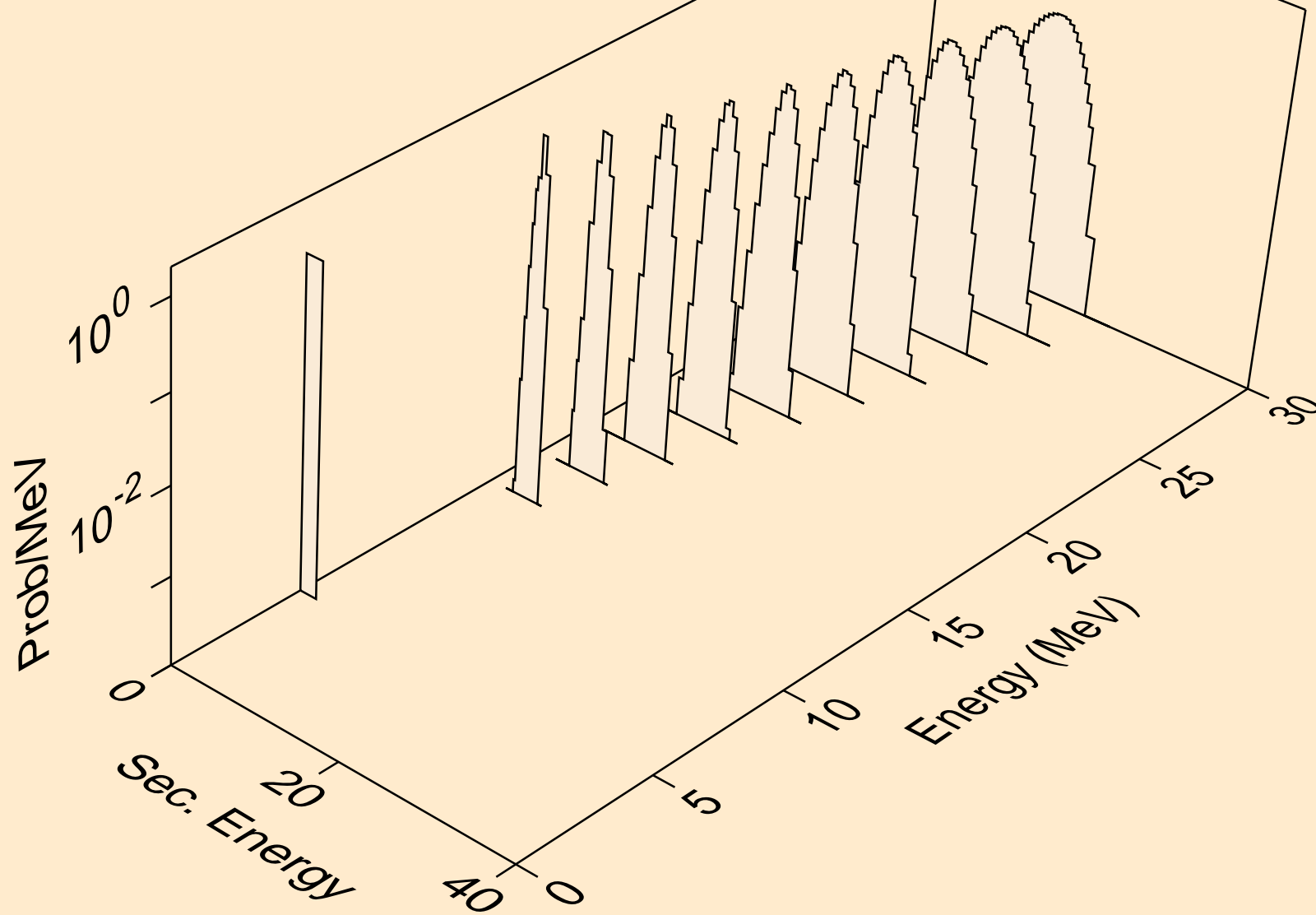
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



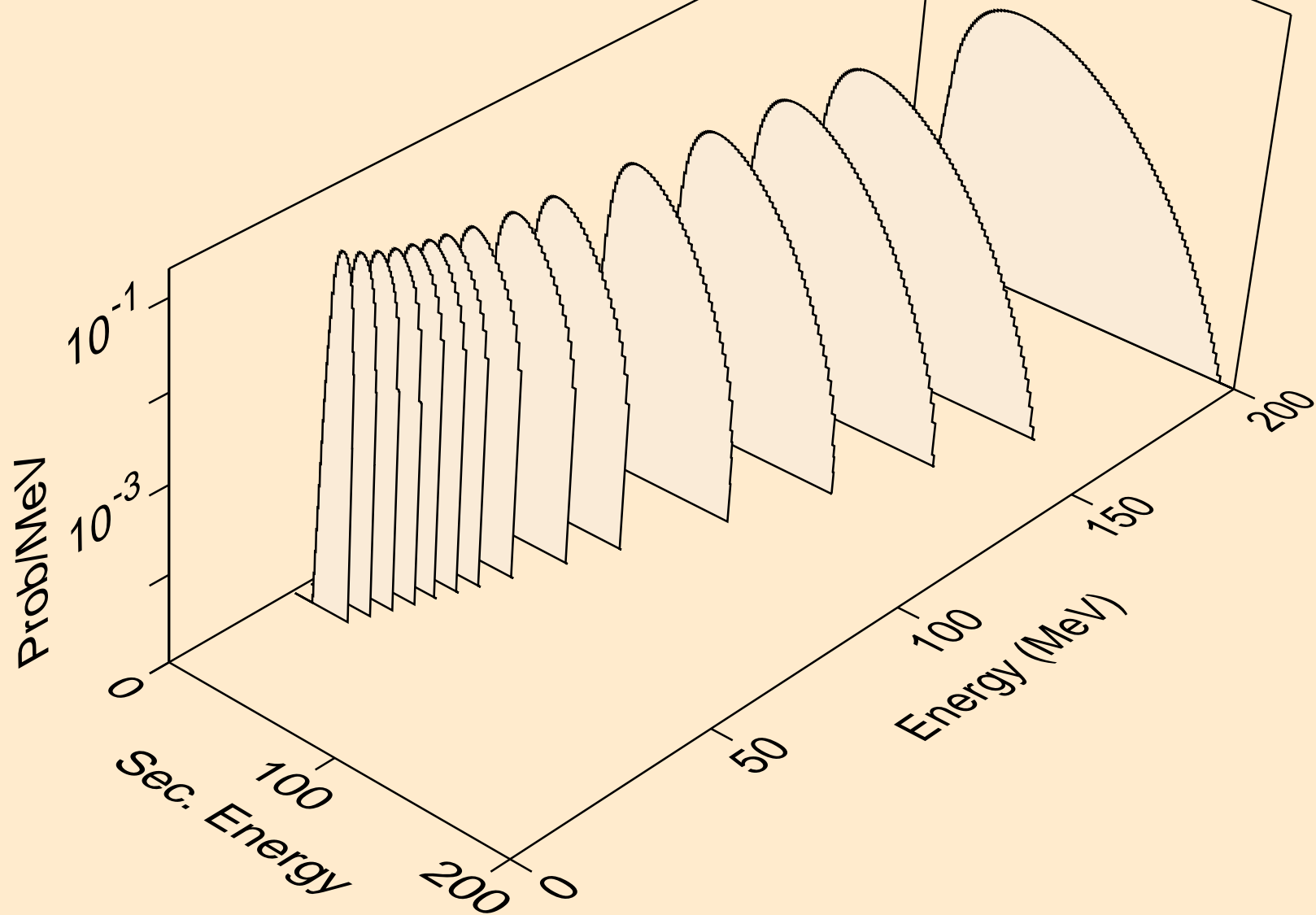
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t2a)



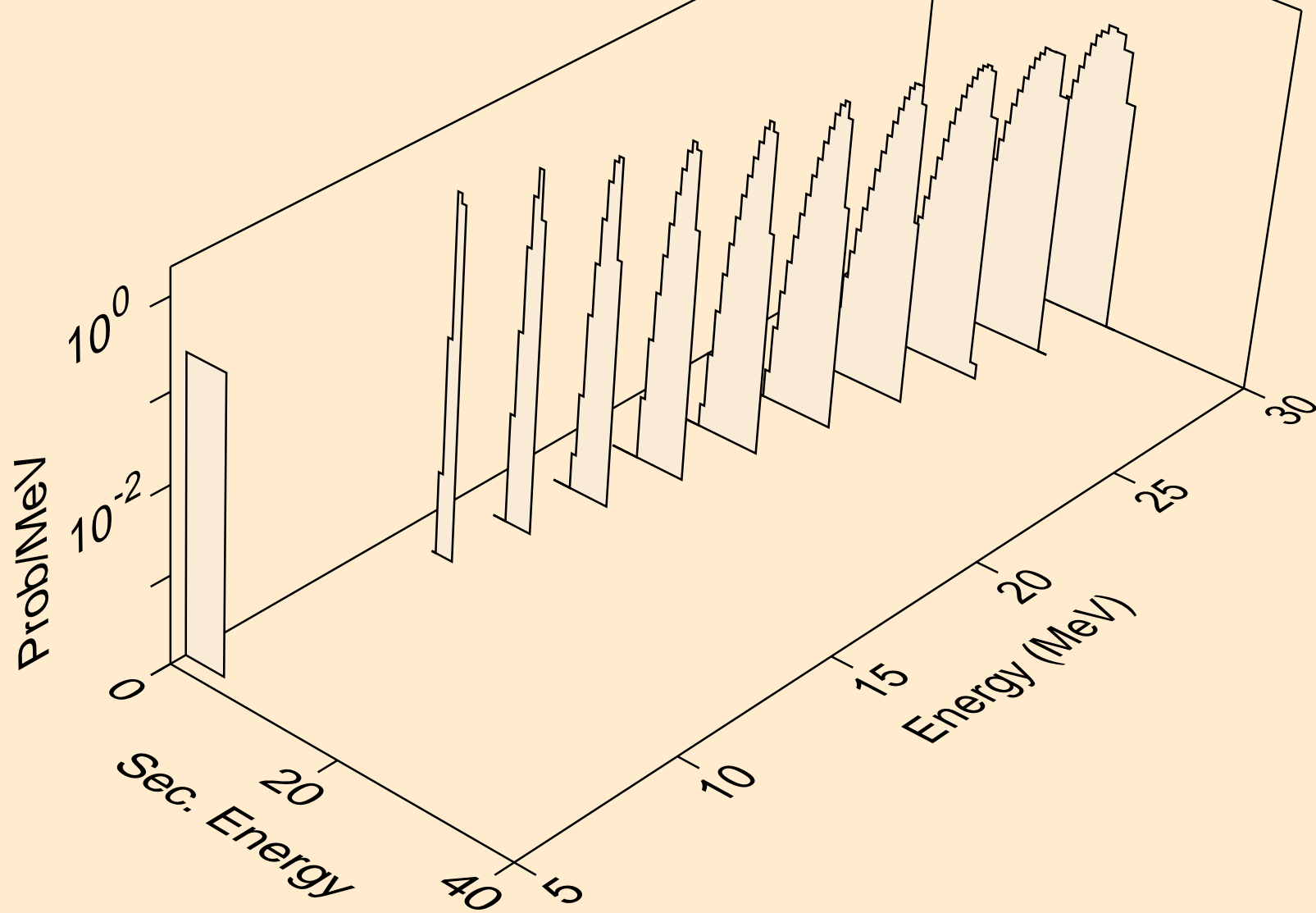
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



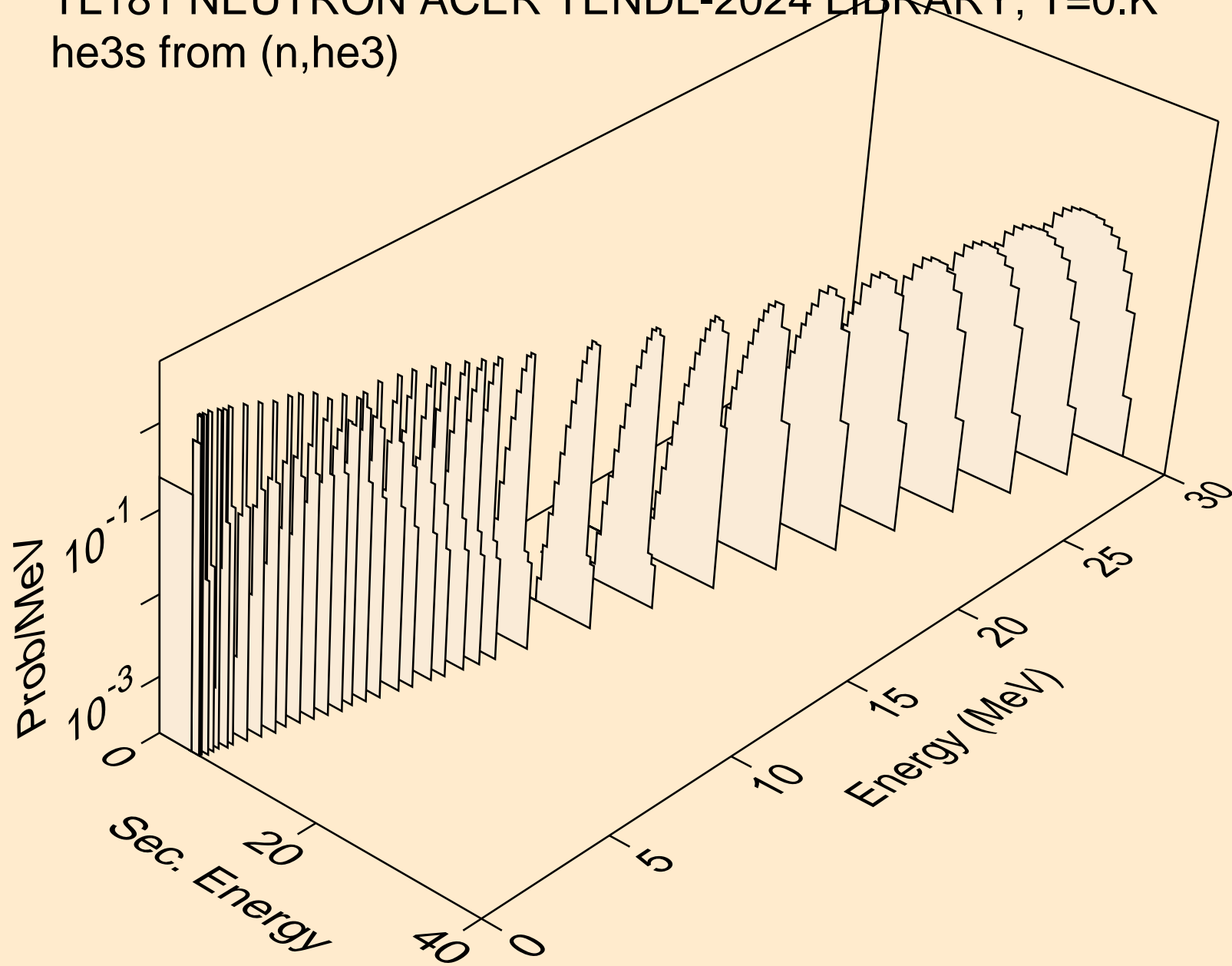
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

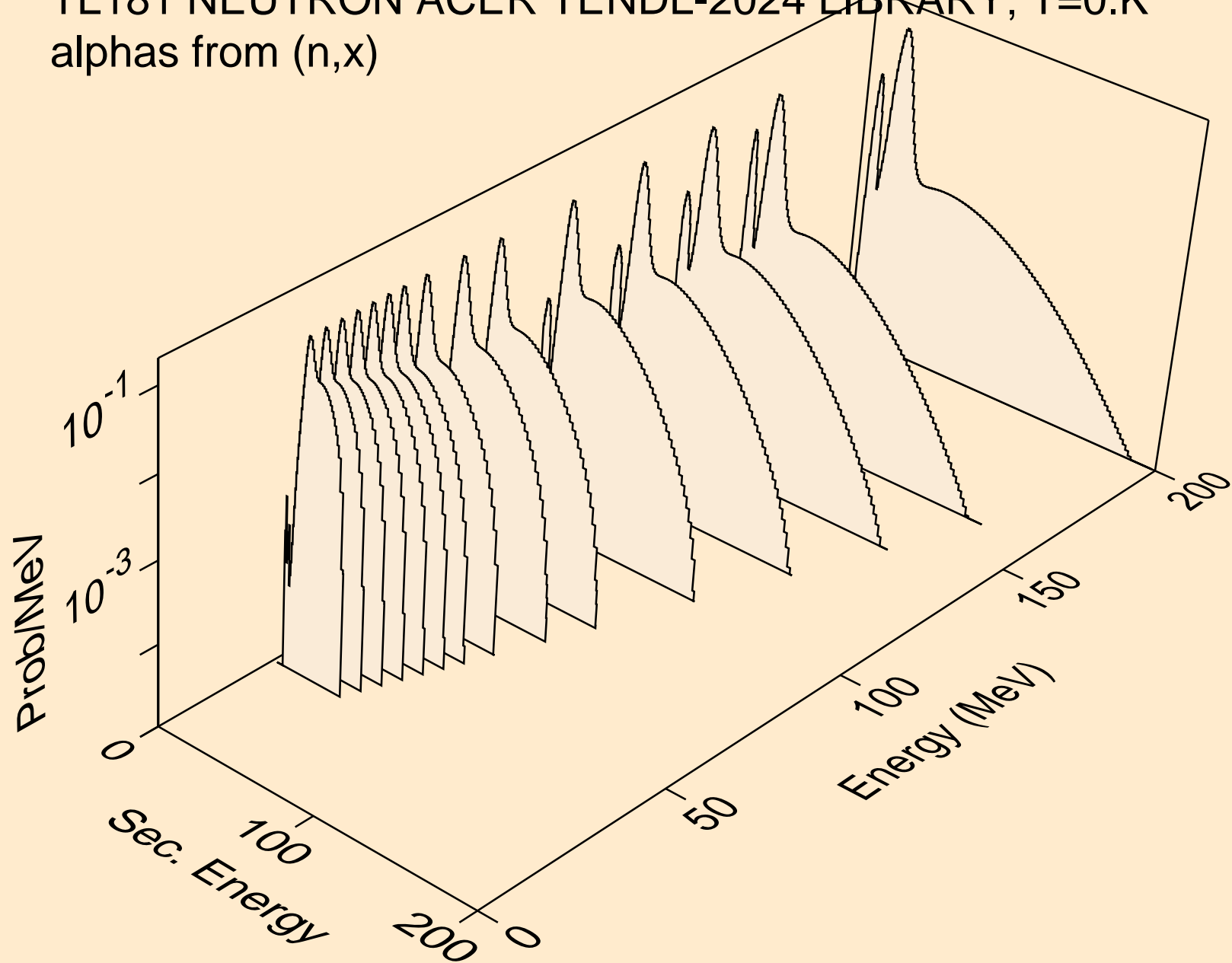


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

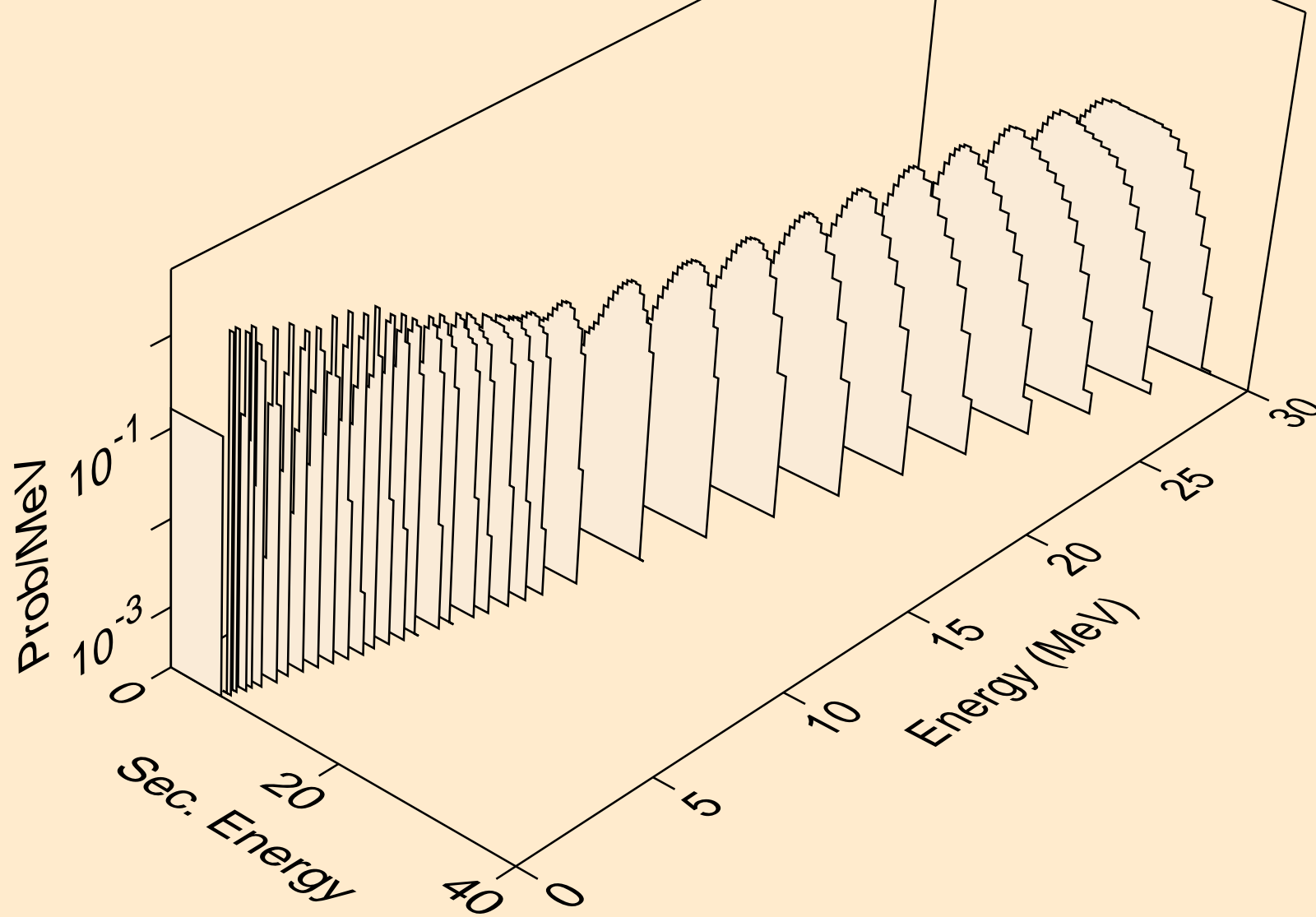




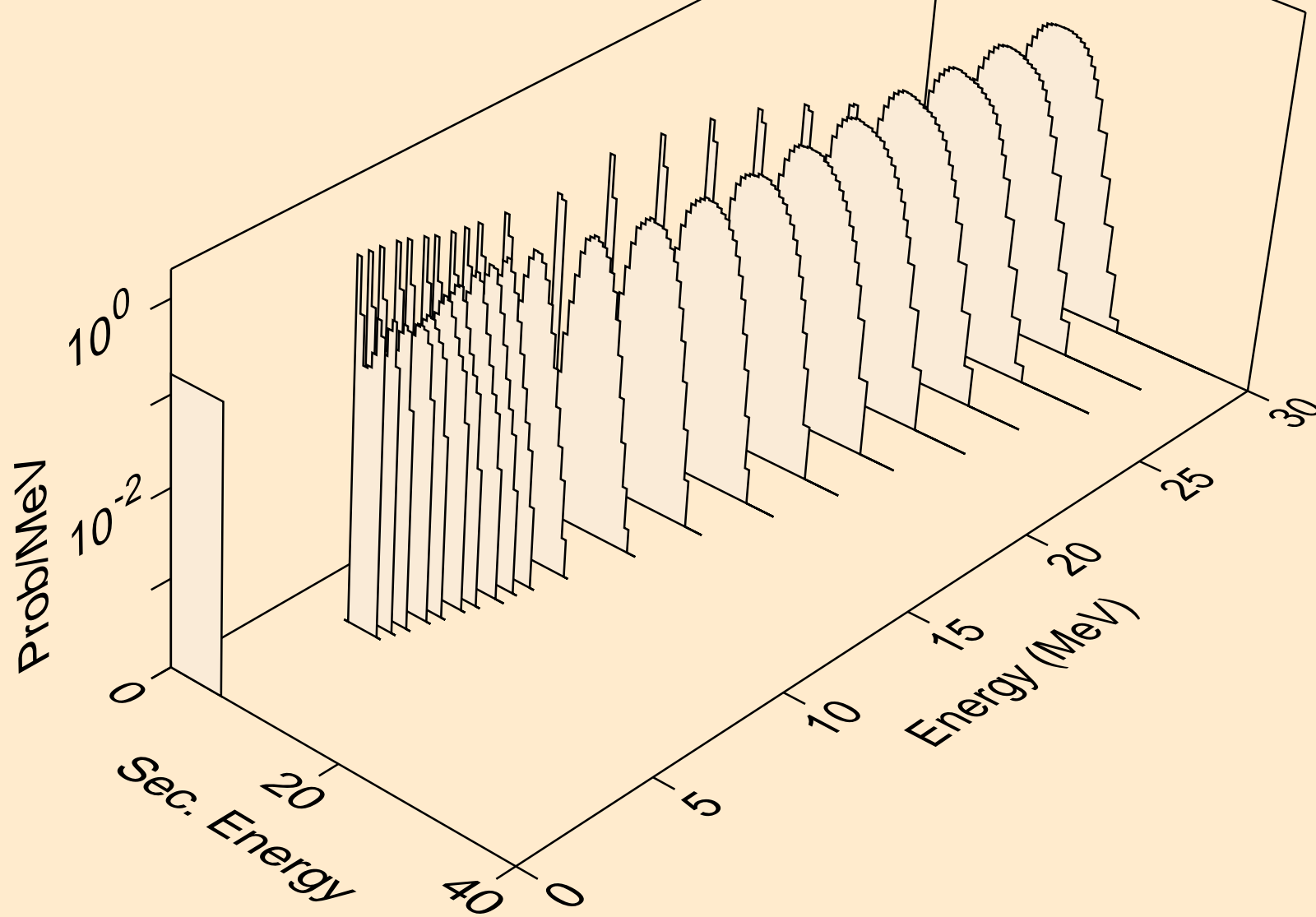
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



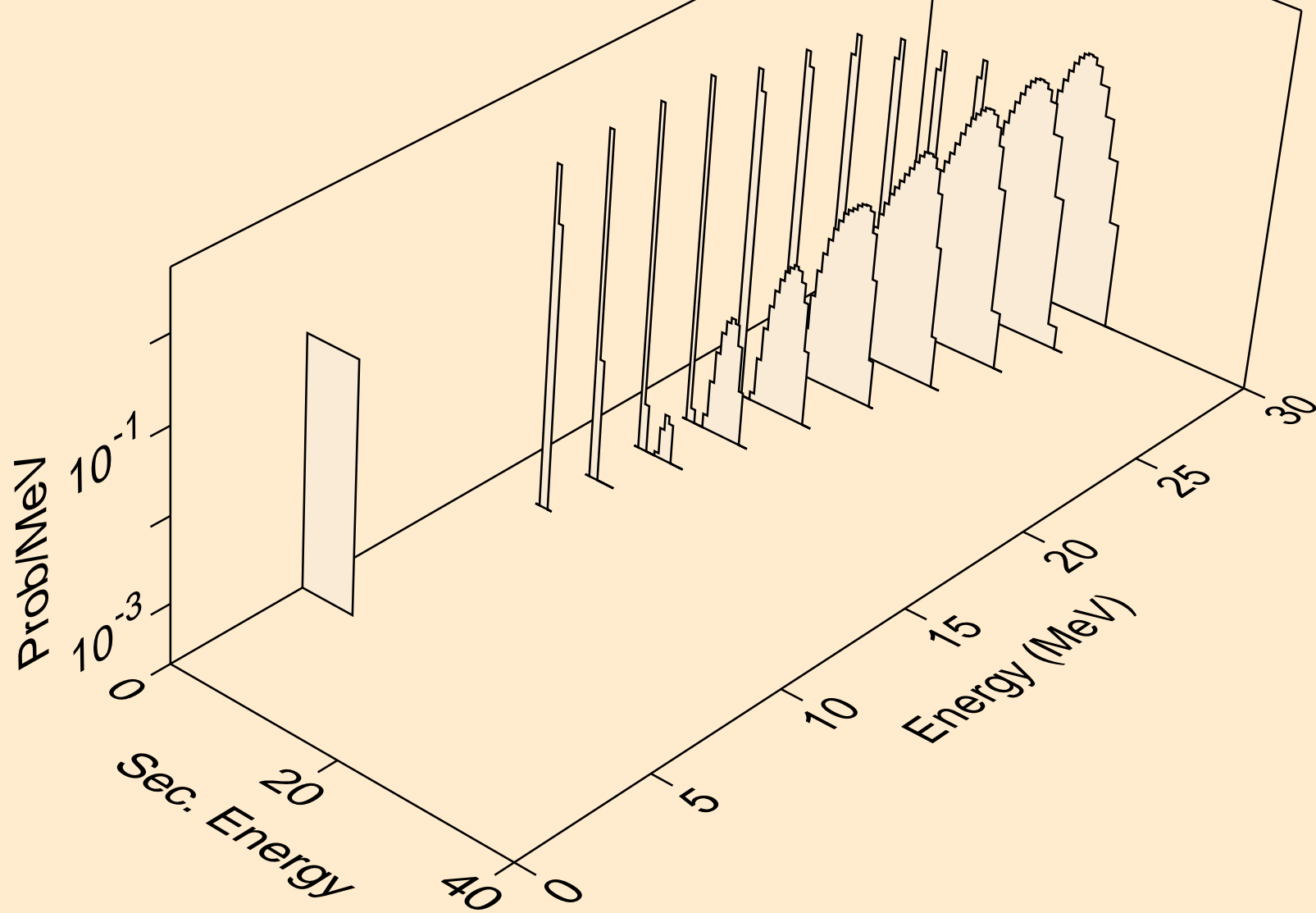
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



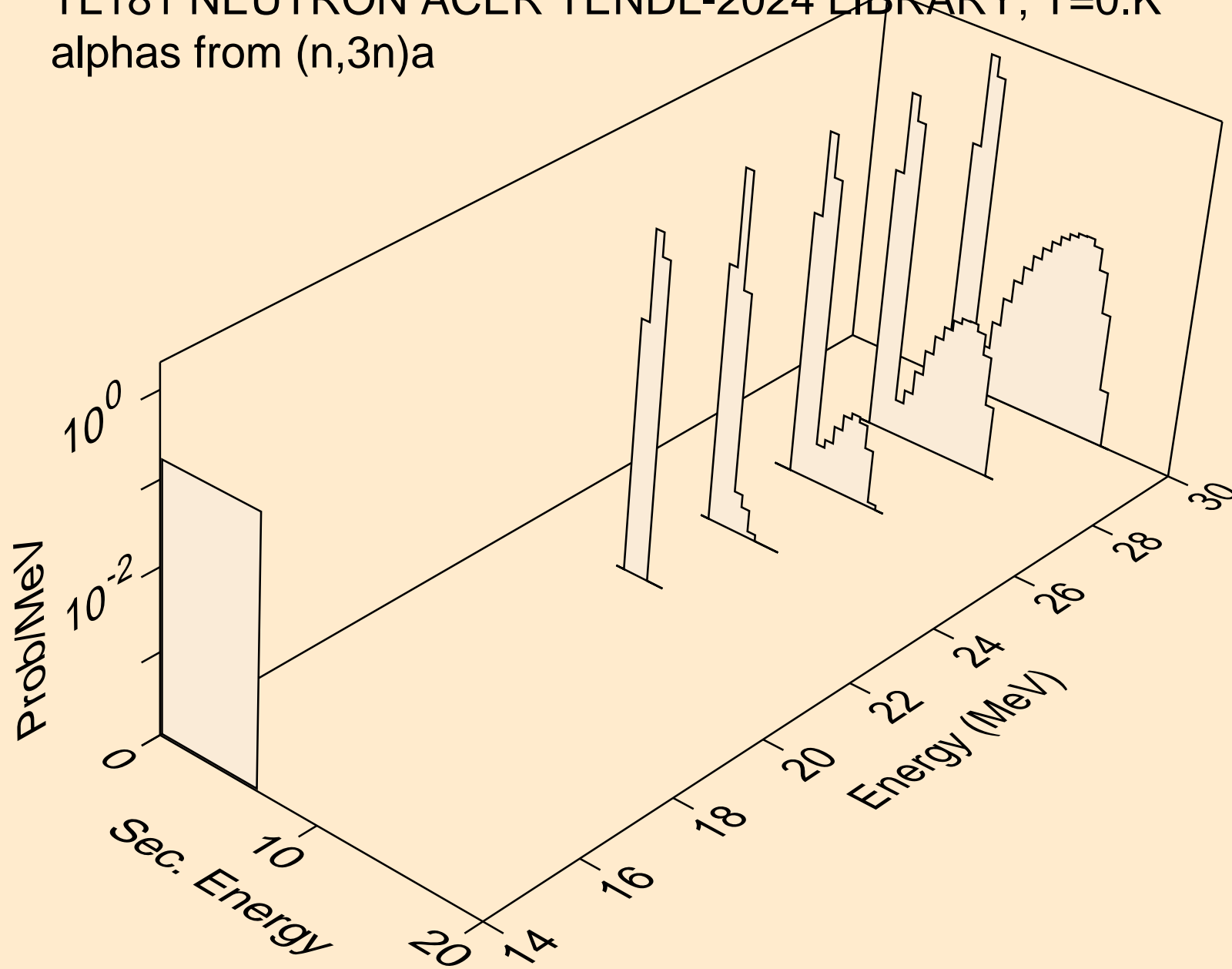
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)3a



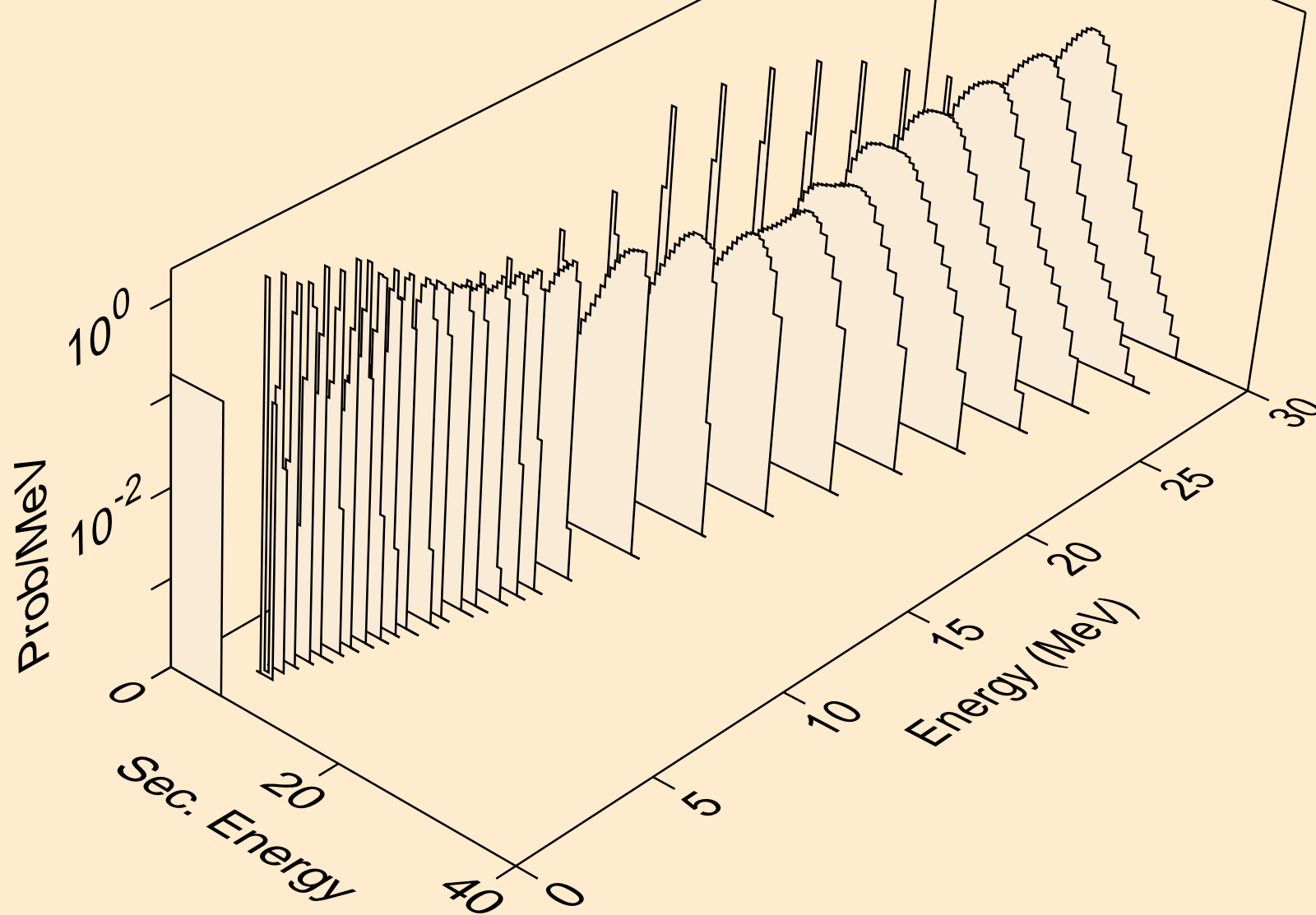
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



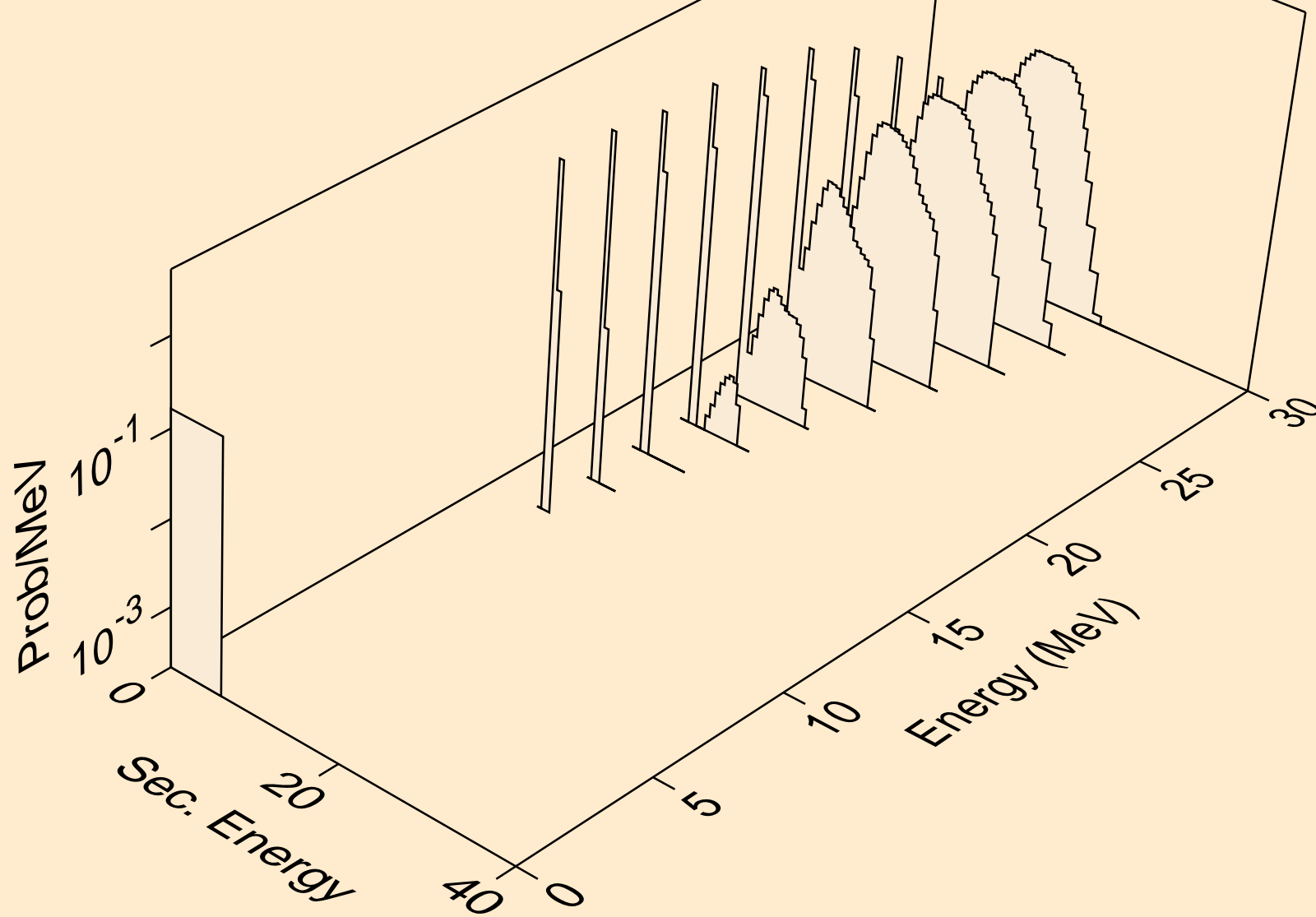
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



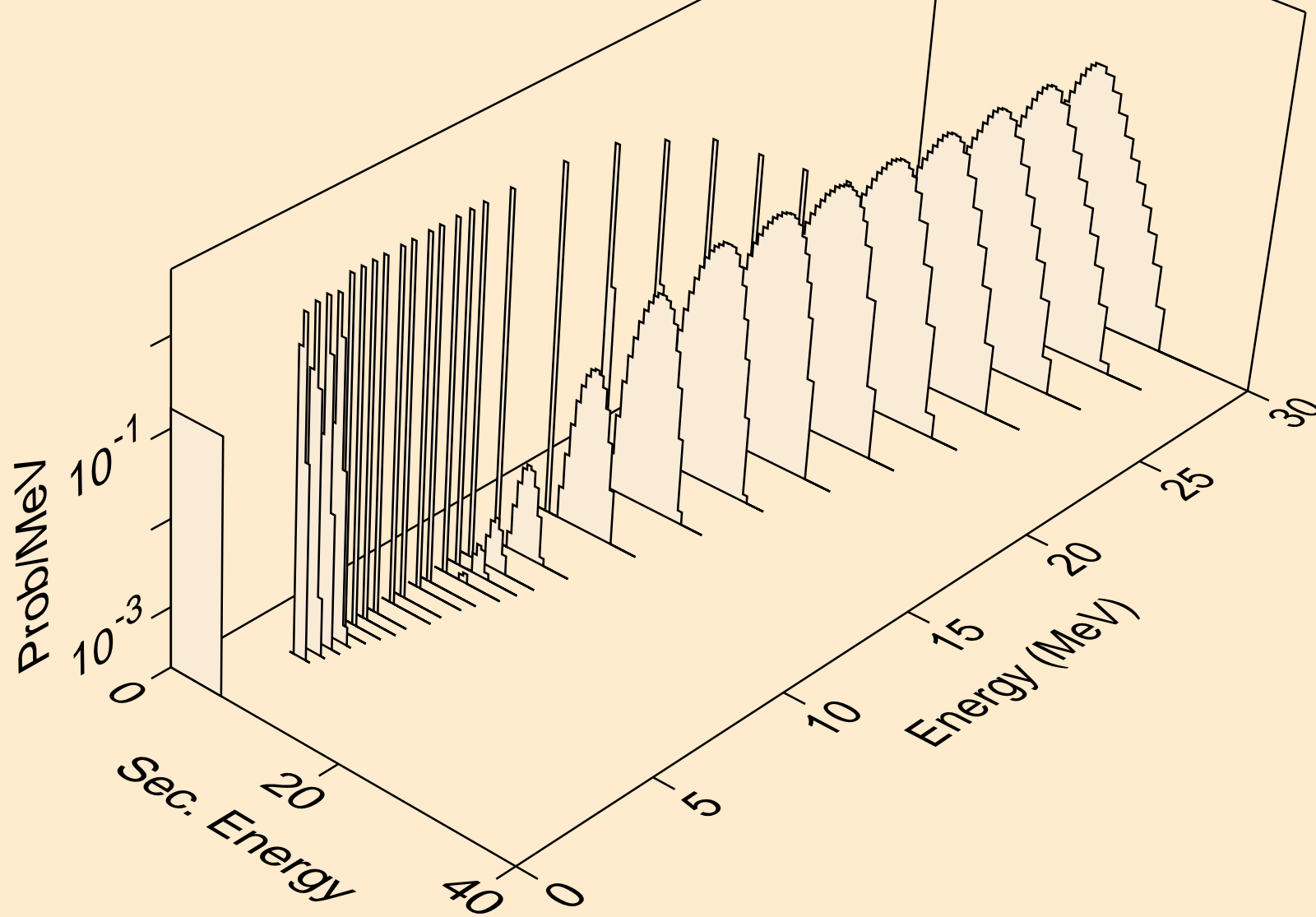
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a

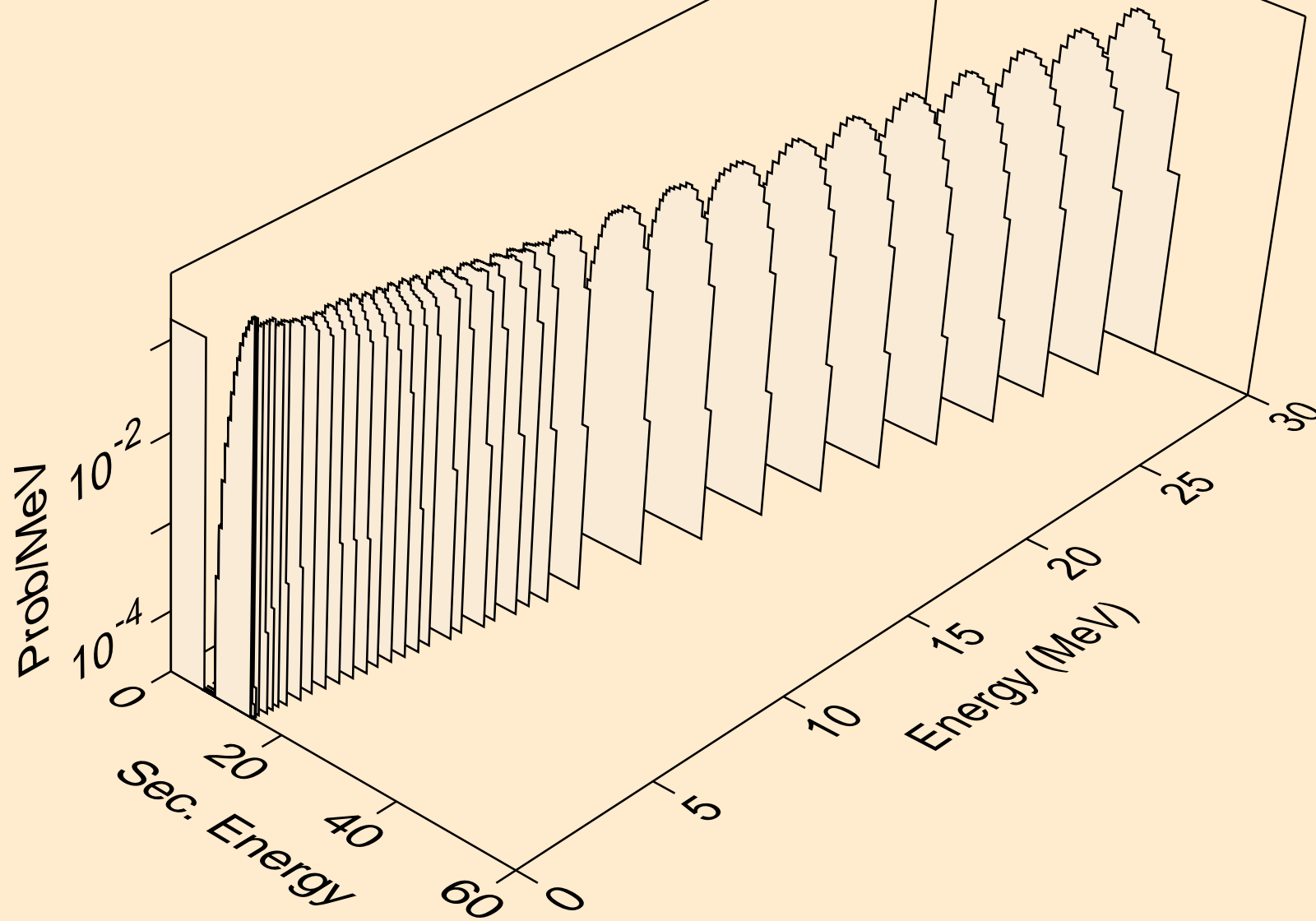


TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

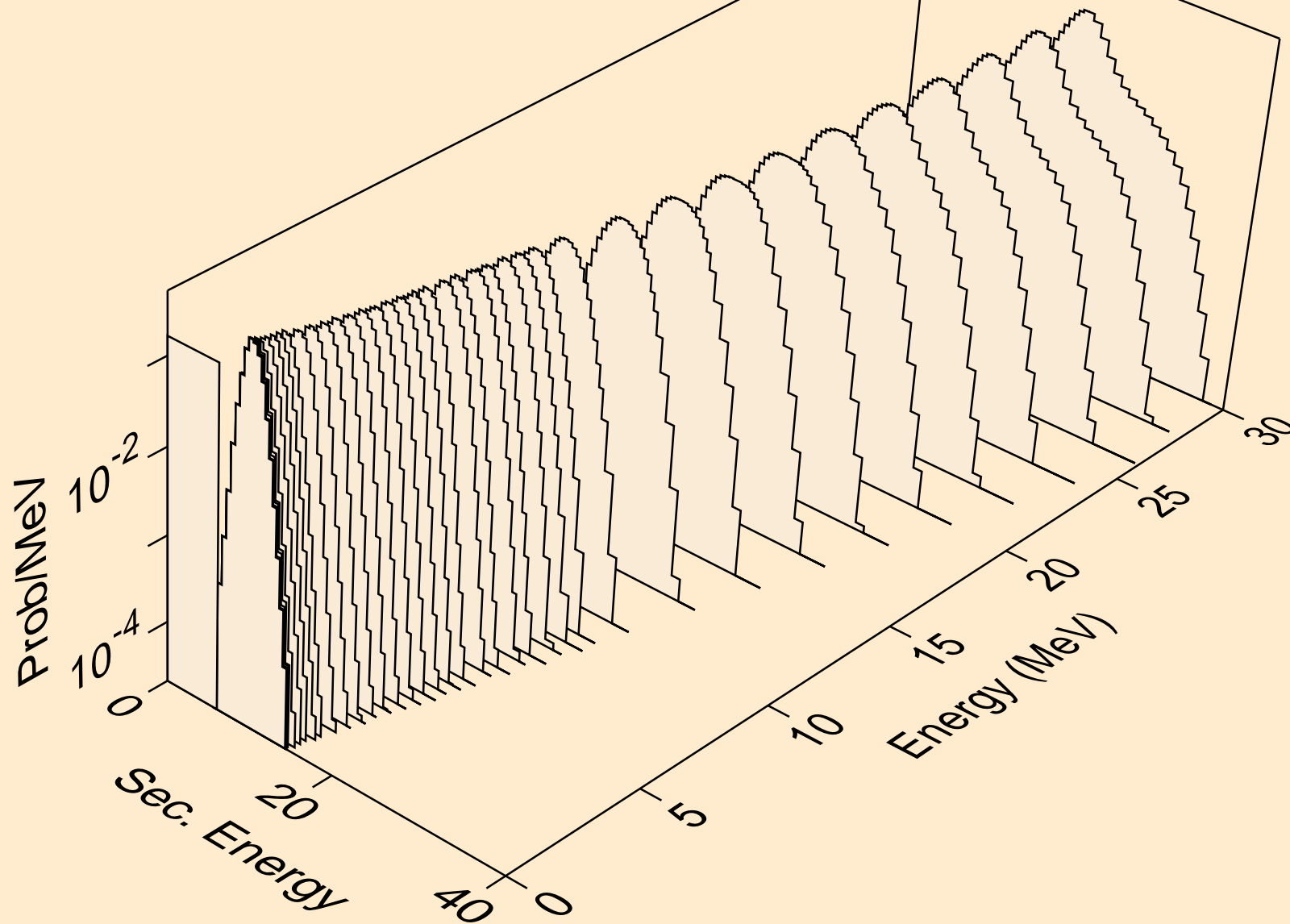




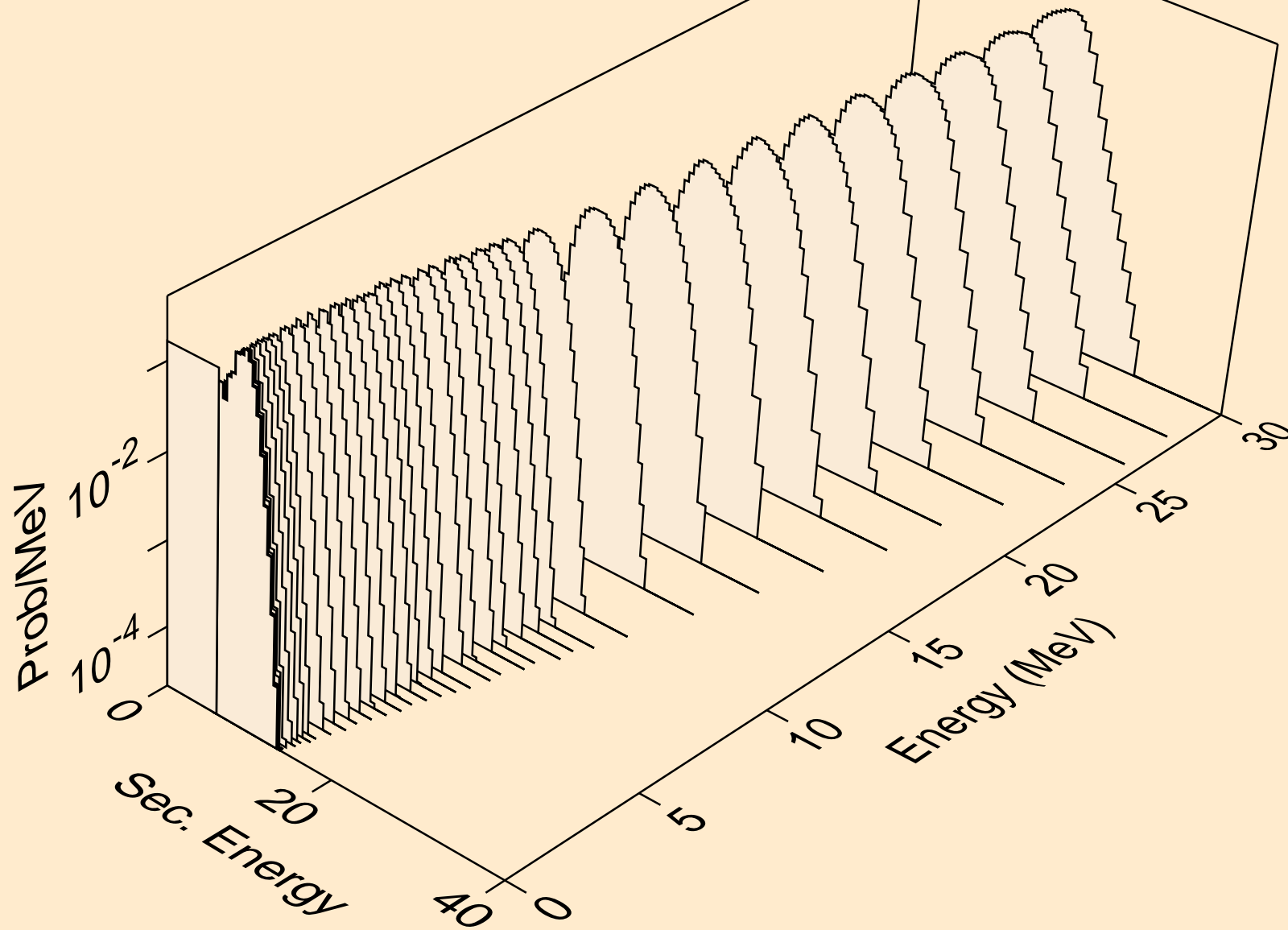
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



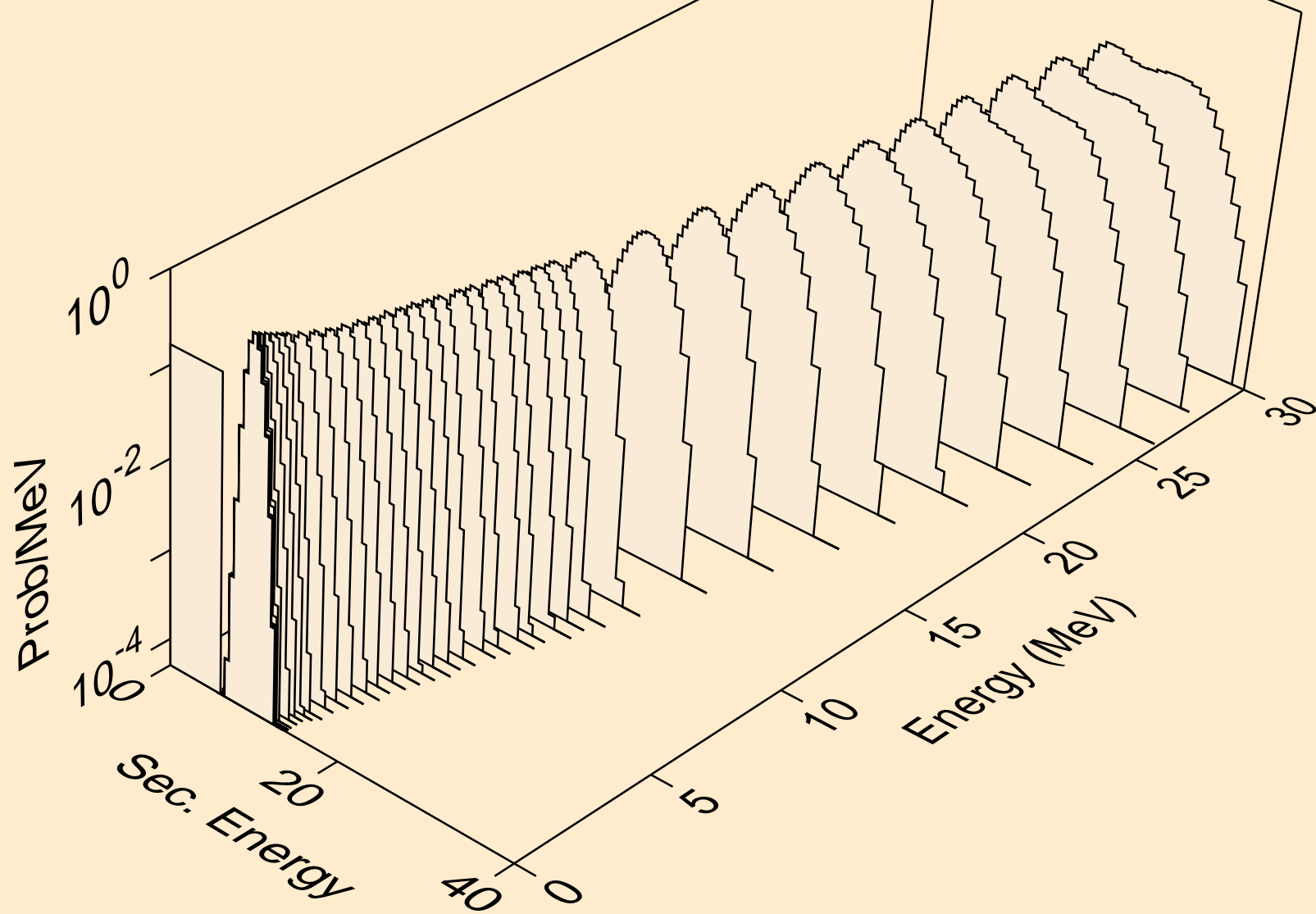
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



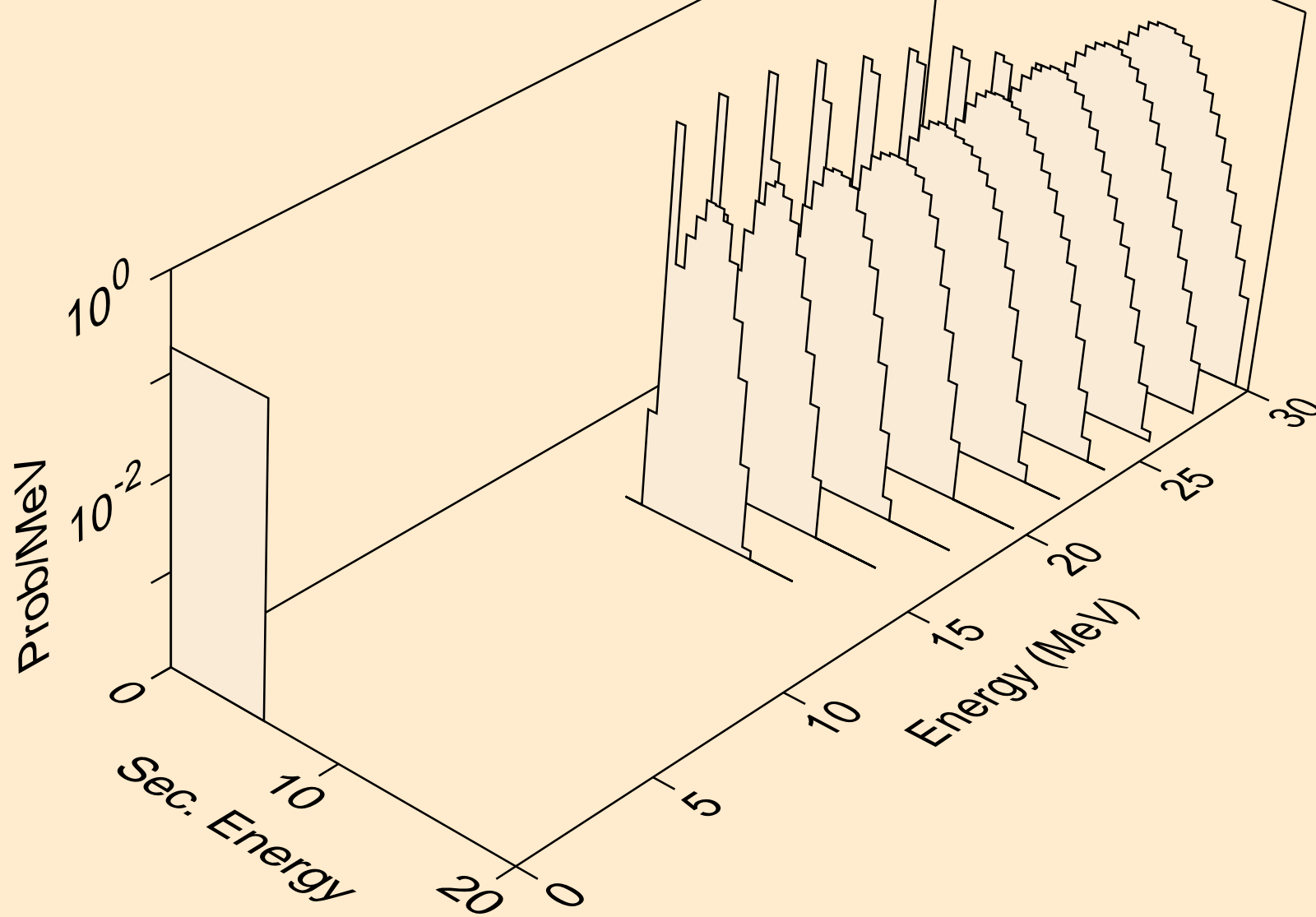
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



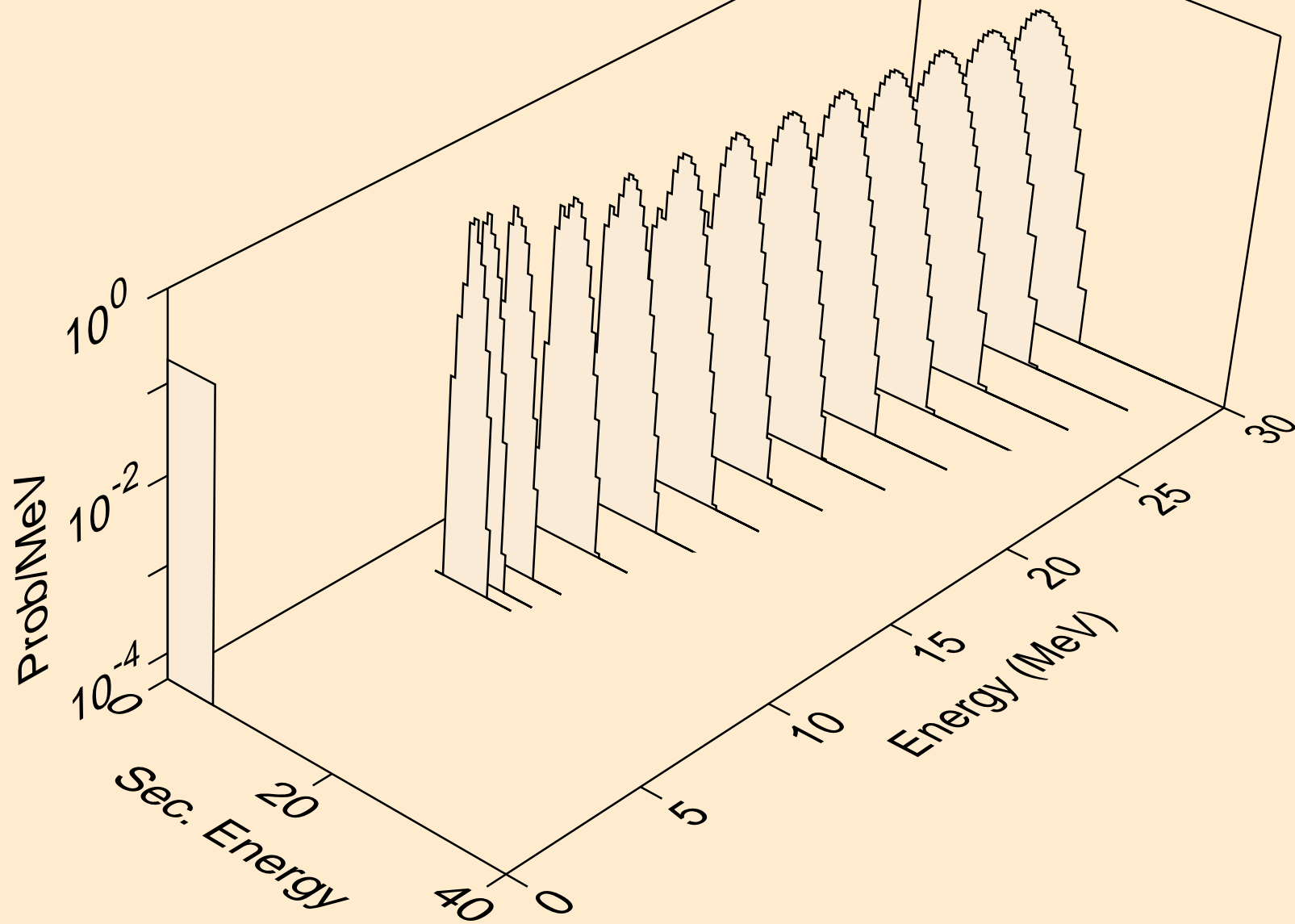
TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,t2a)



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,d2a)



TL181 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

