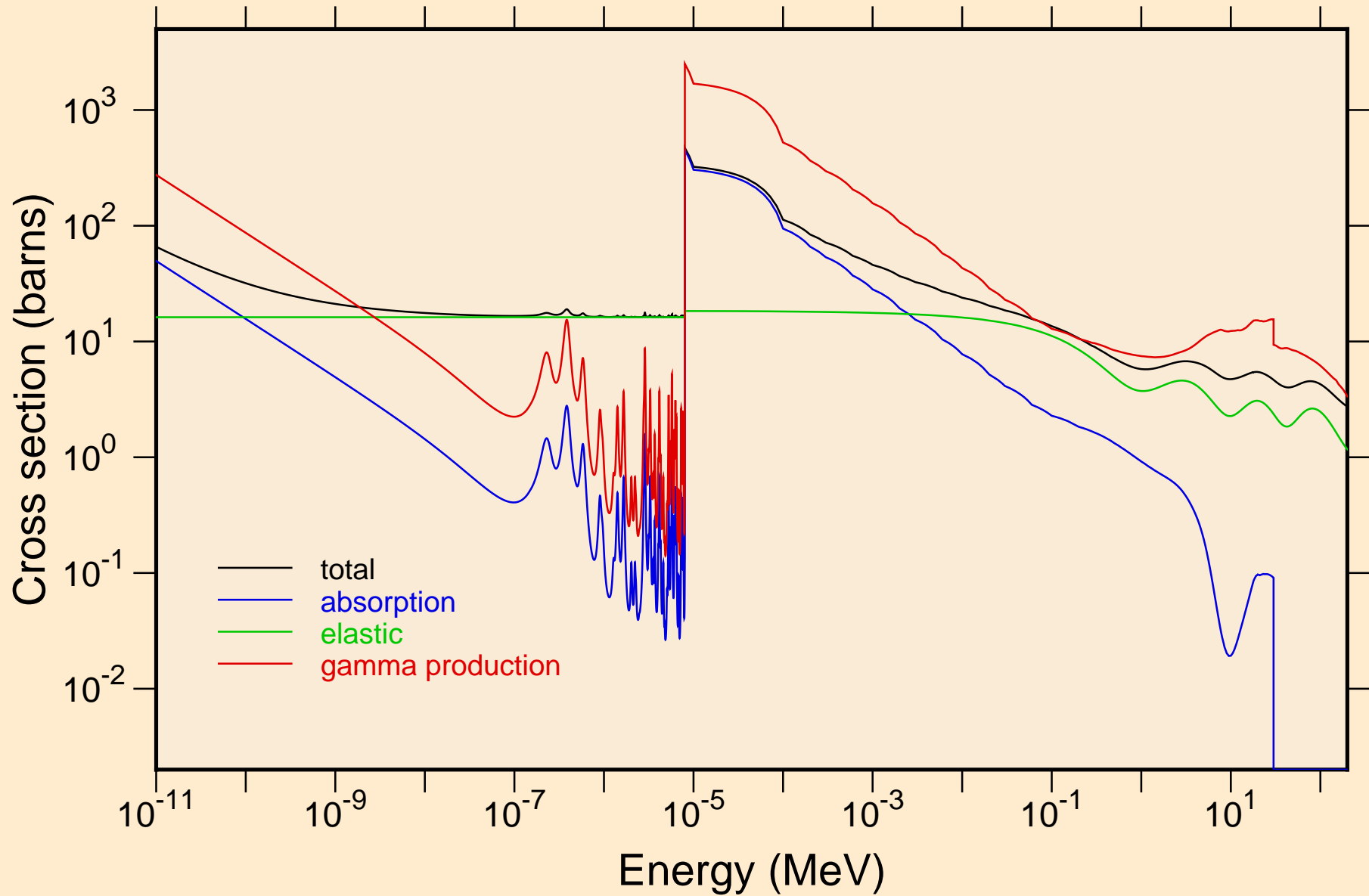
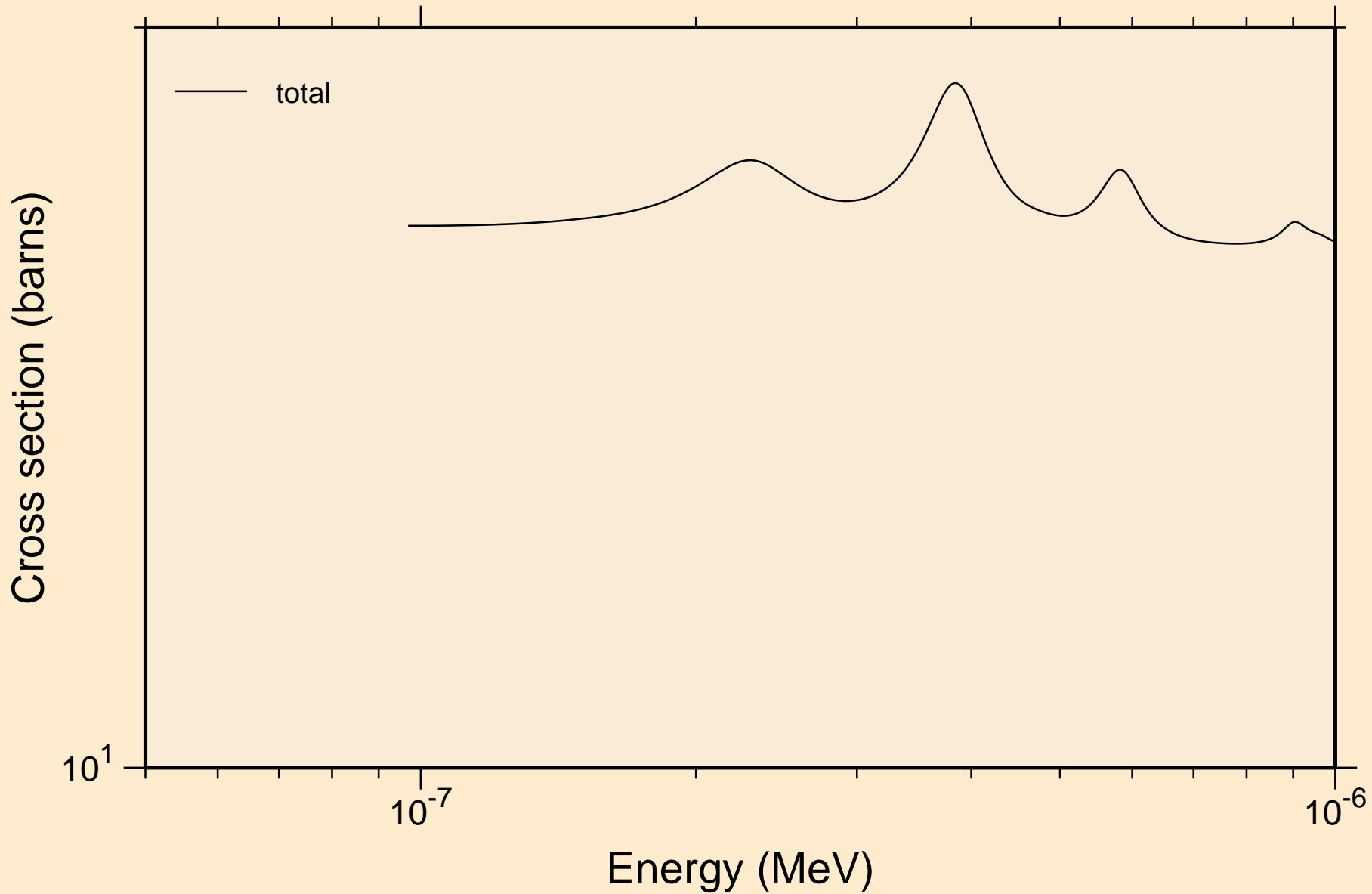


# OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

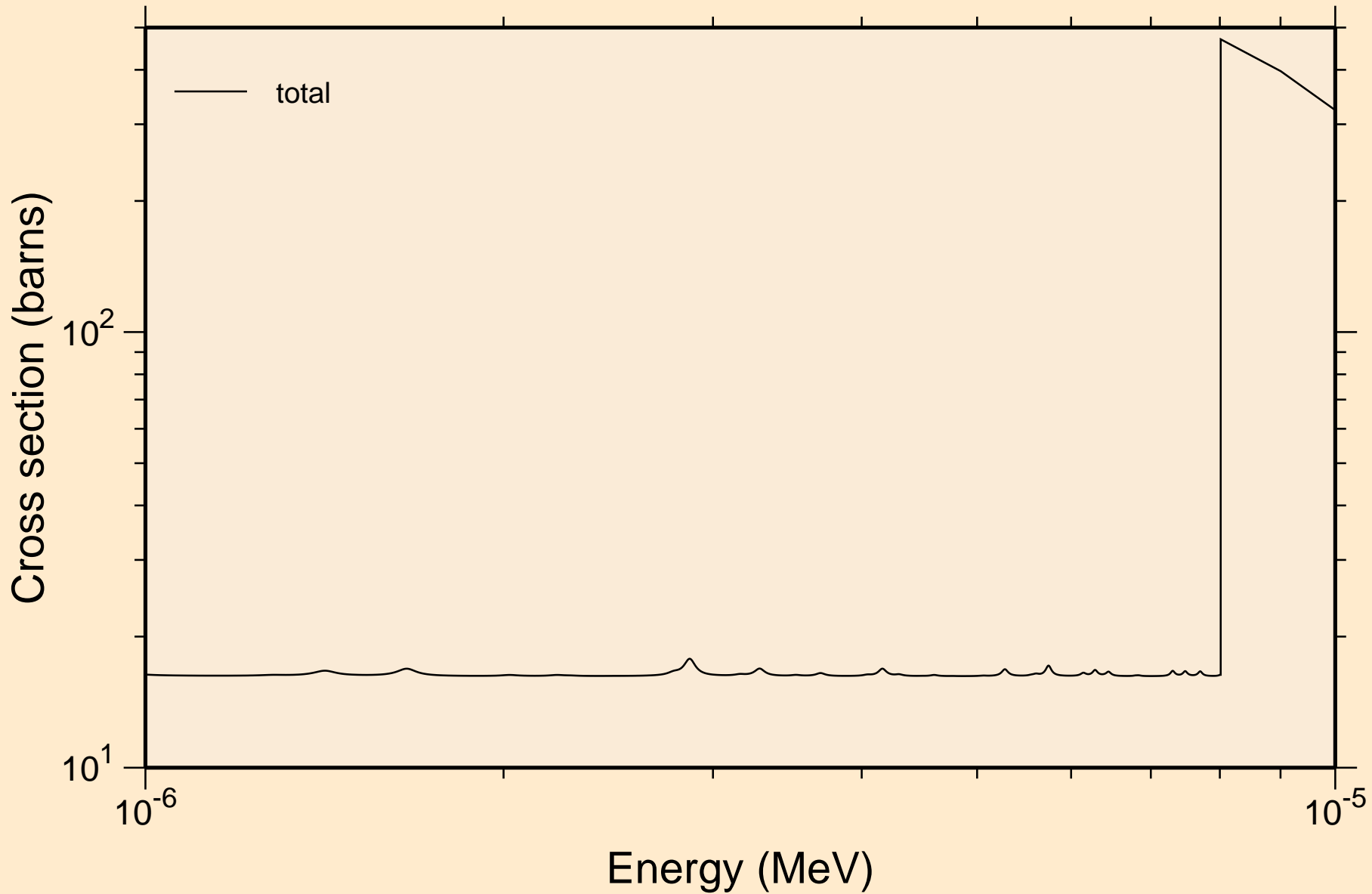
## Principal cross sections



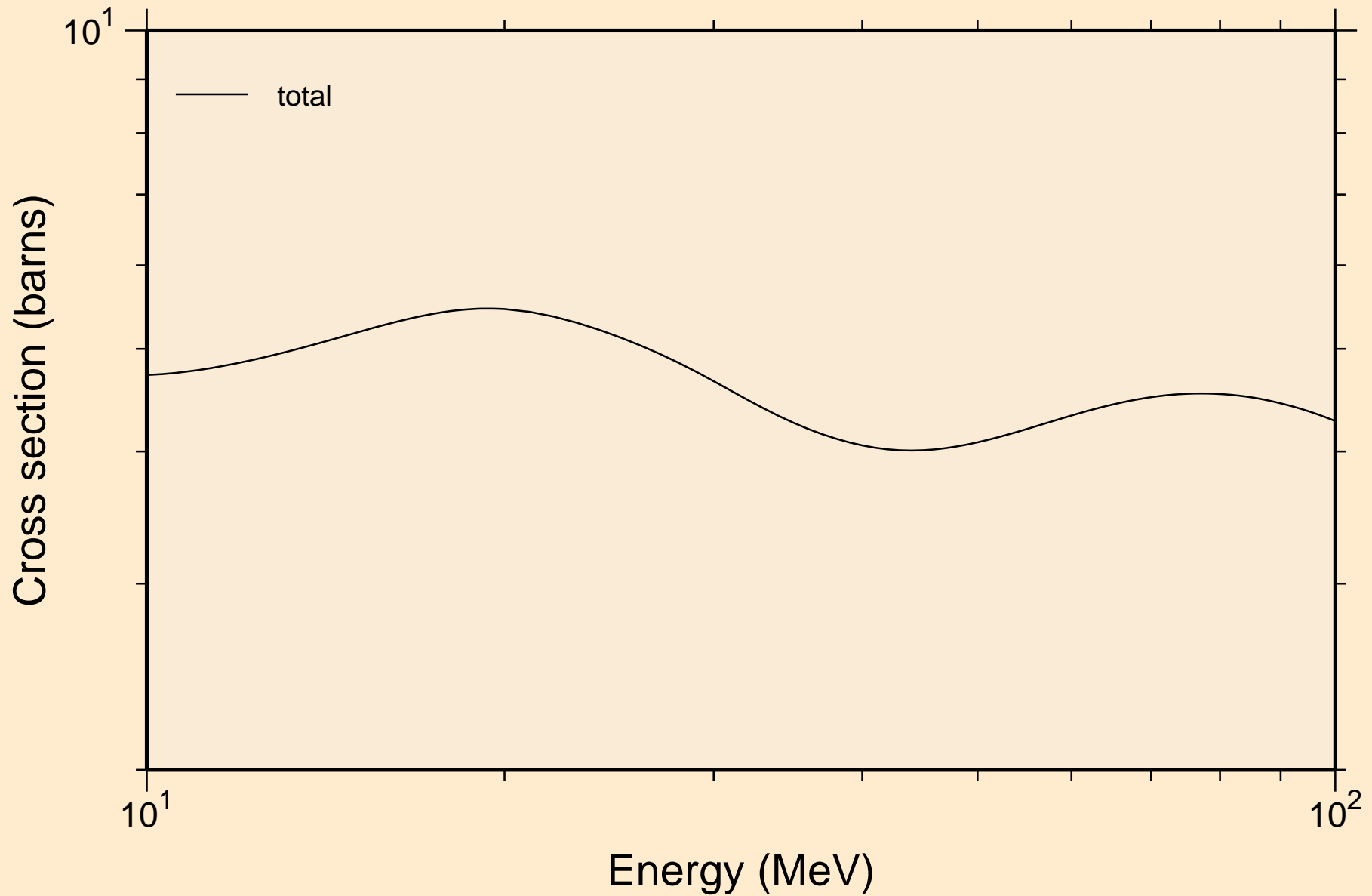
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



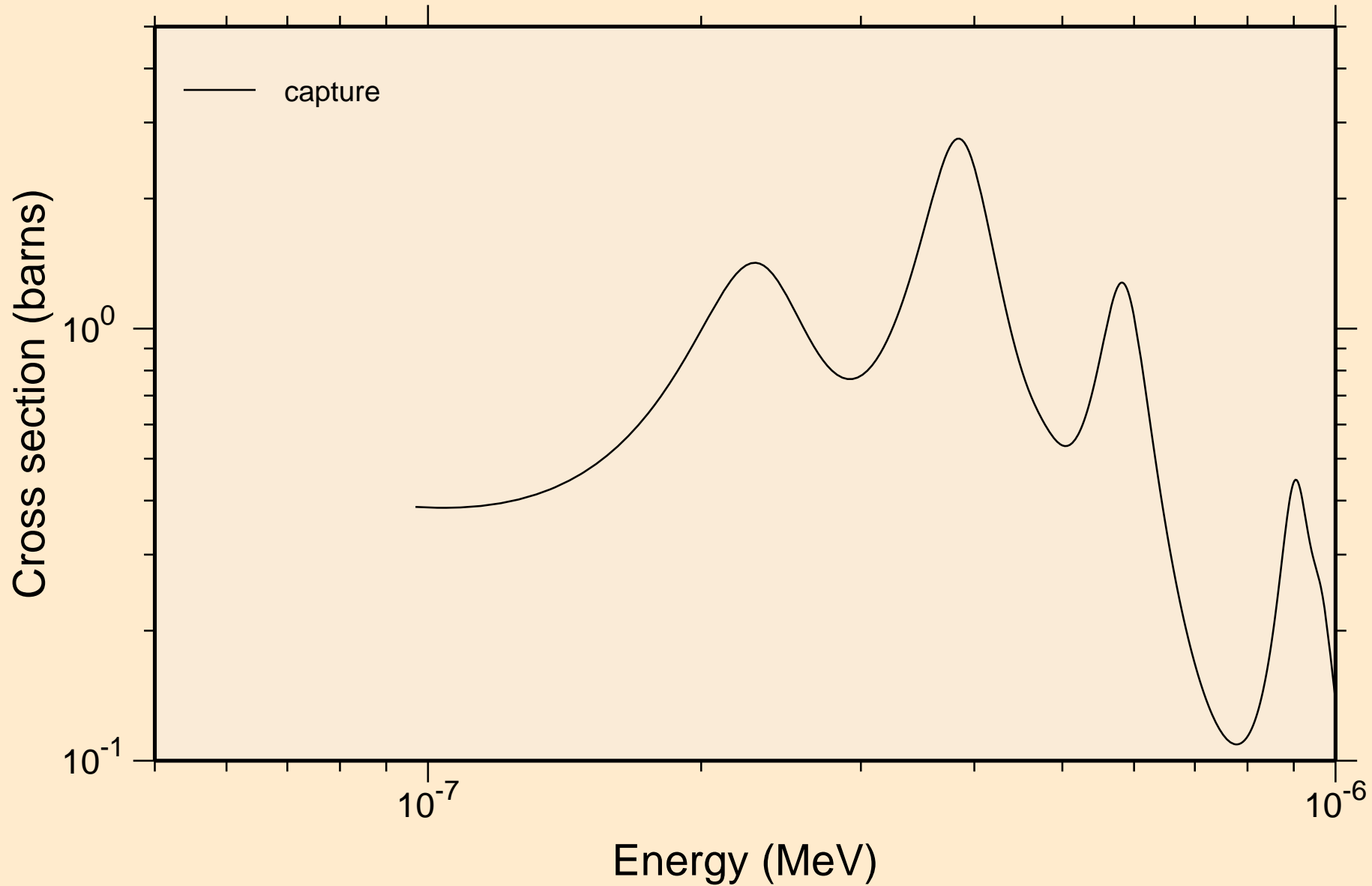
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



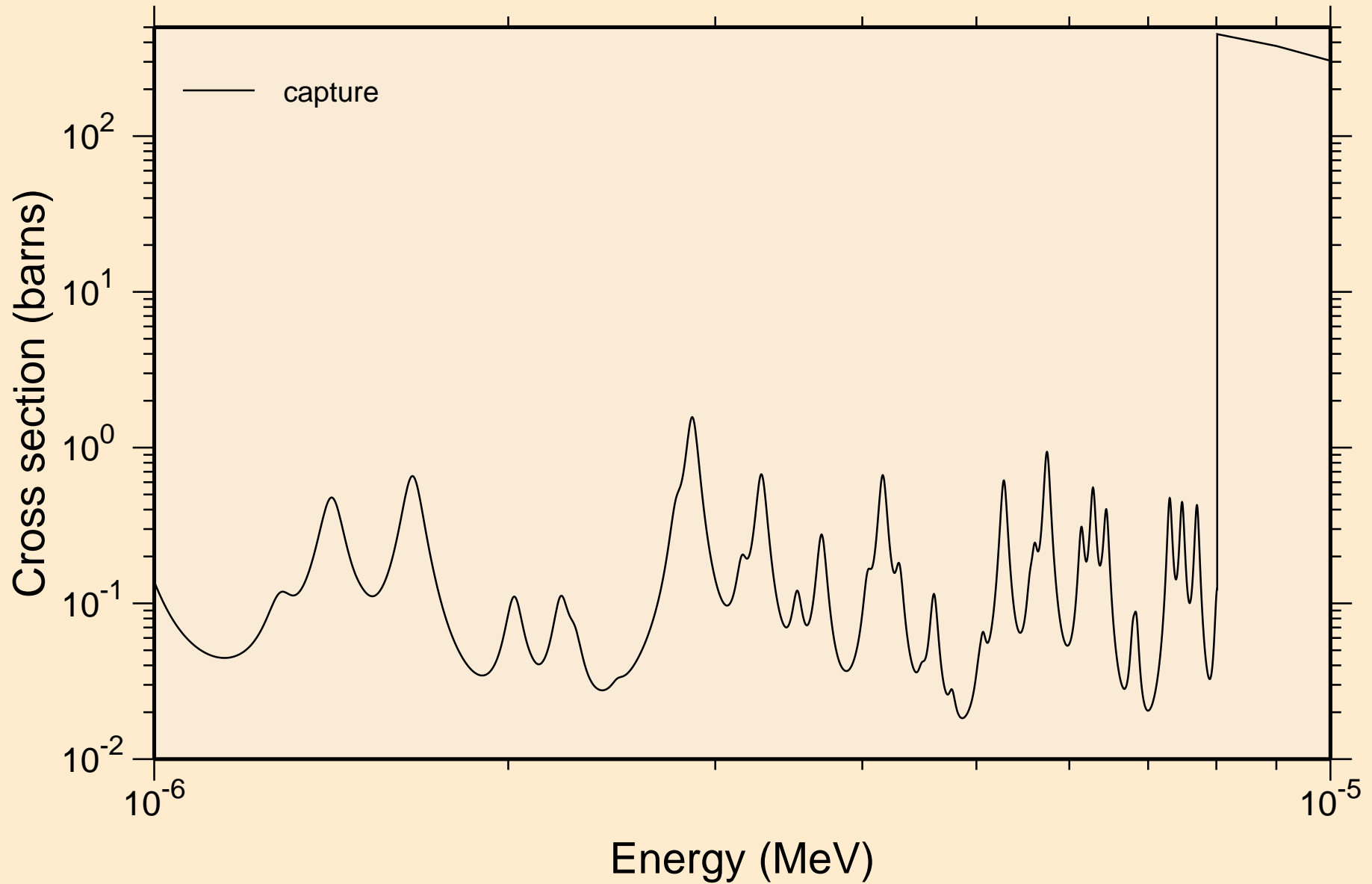
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



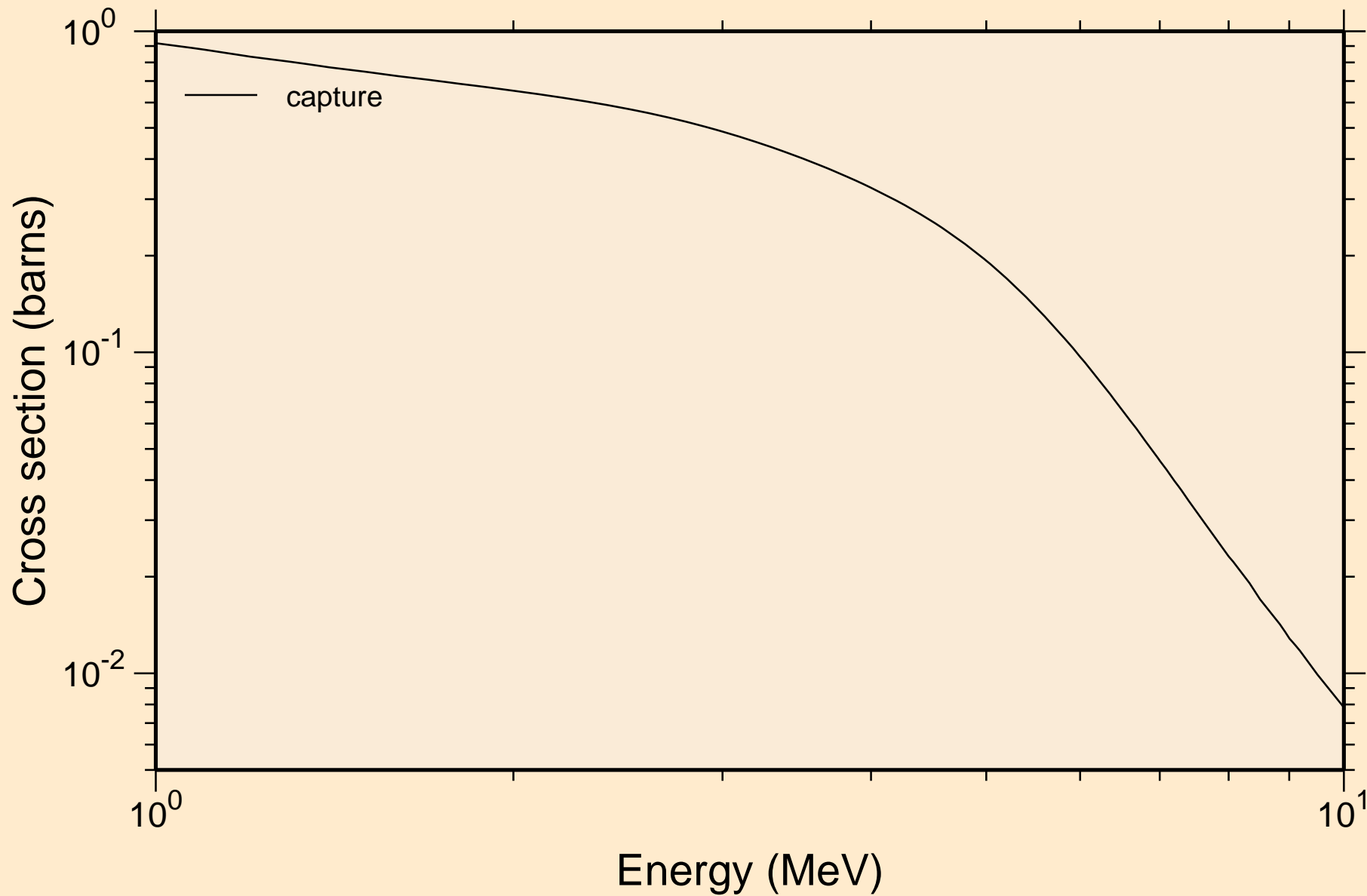
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



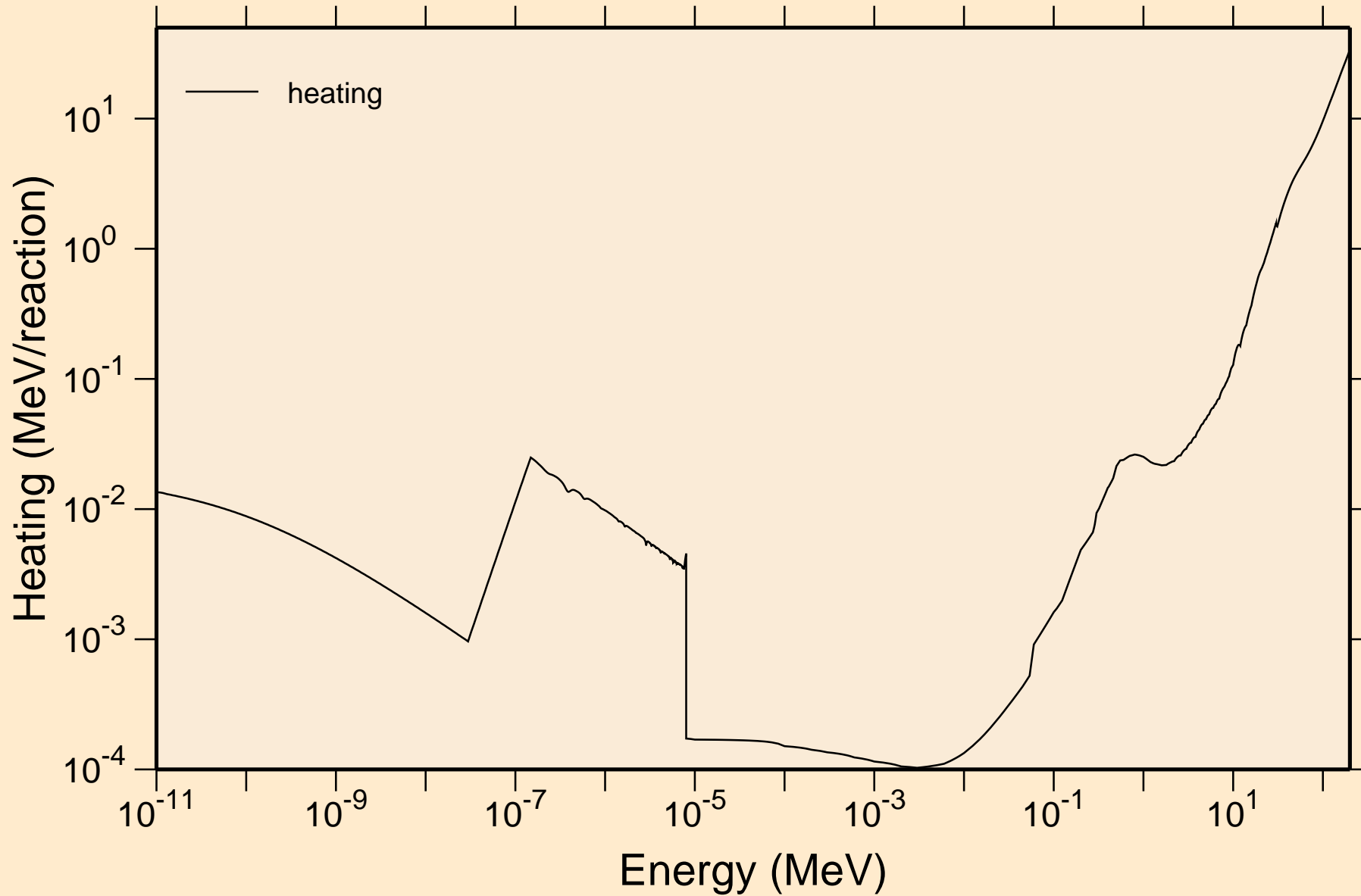
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

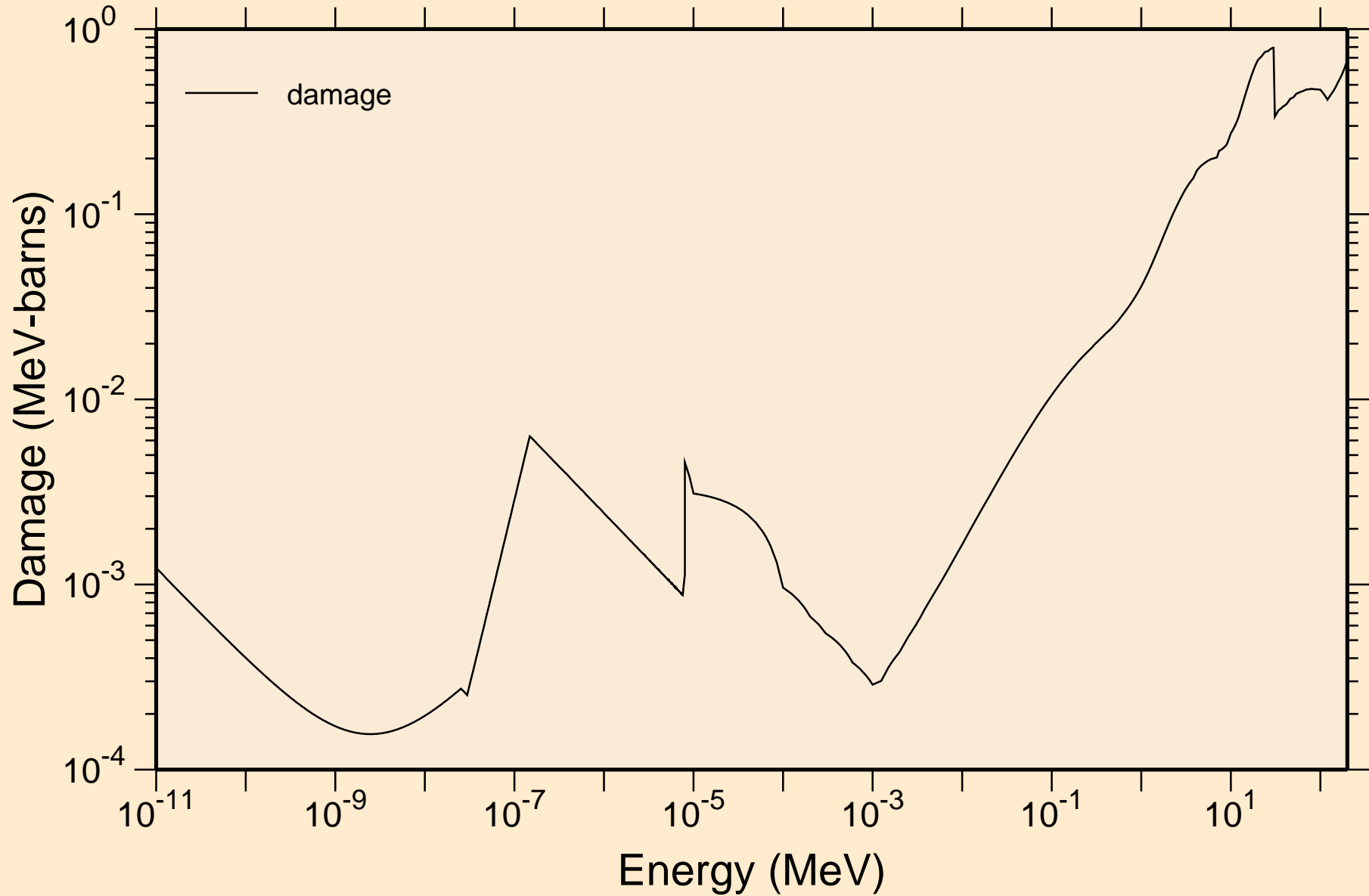


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

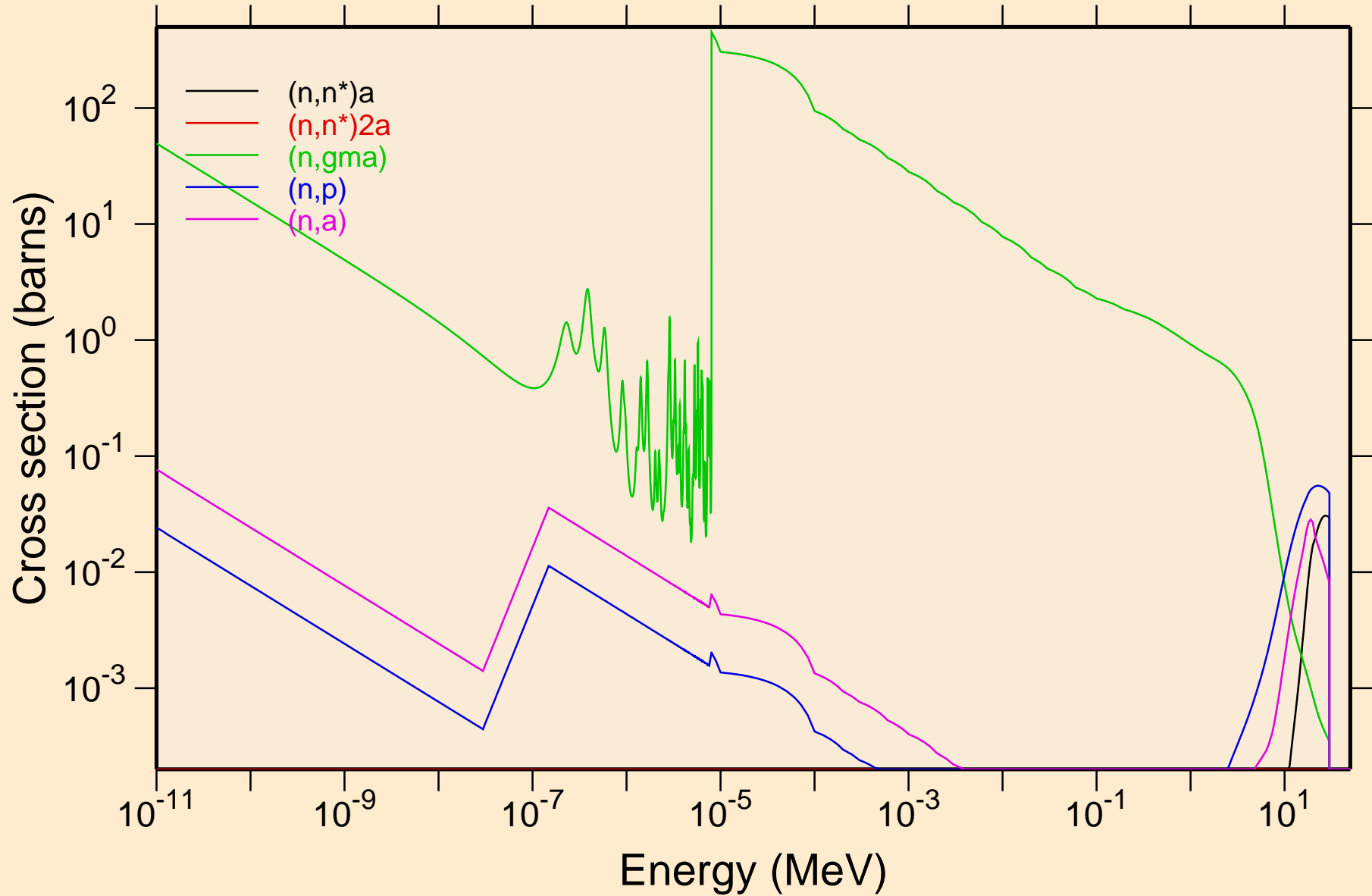




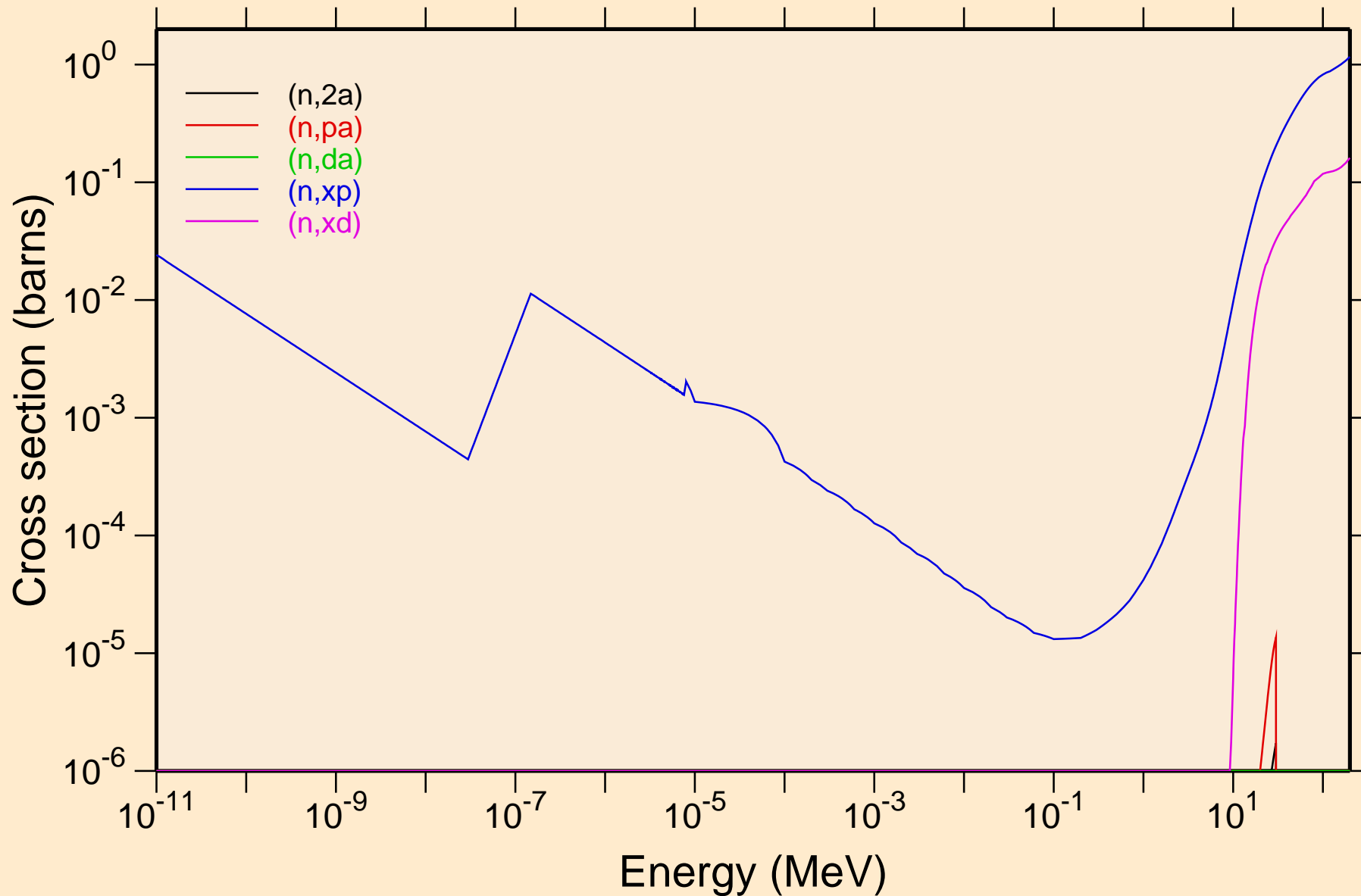
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



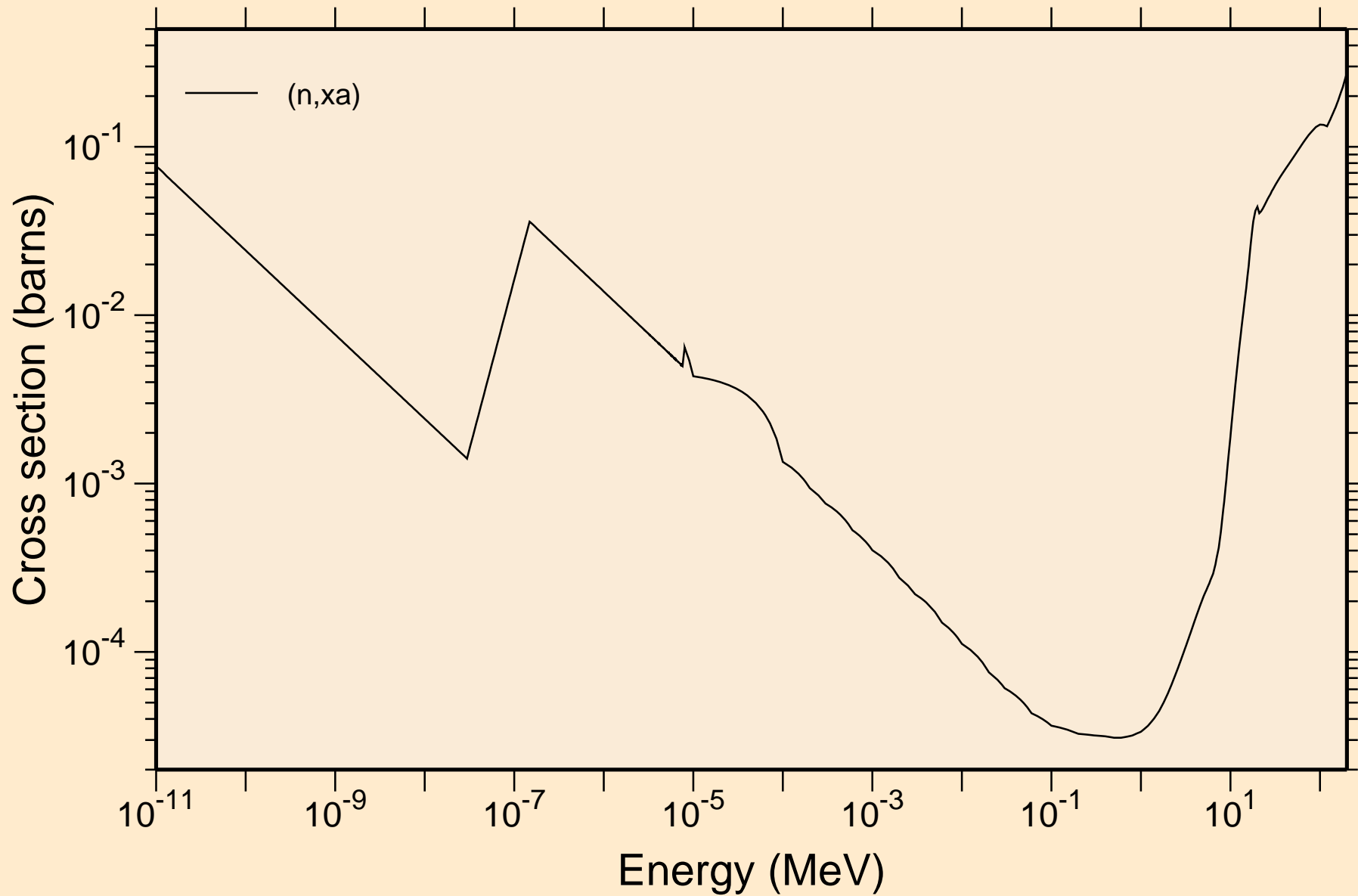
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

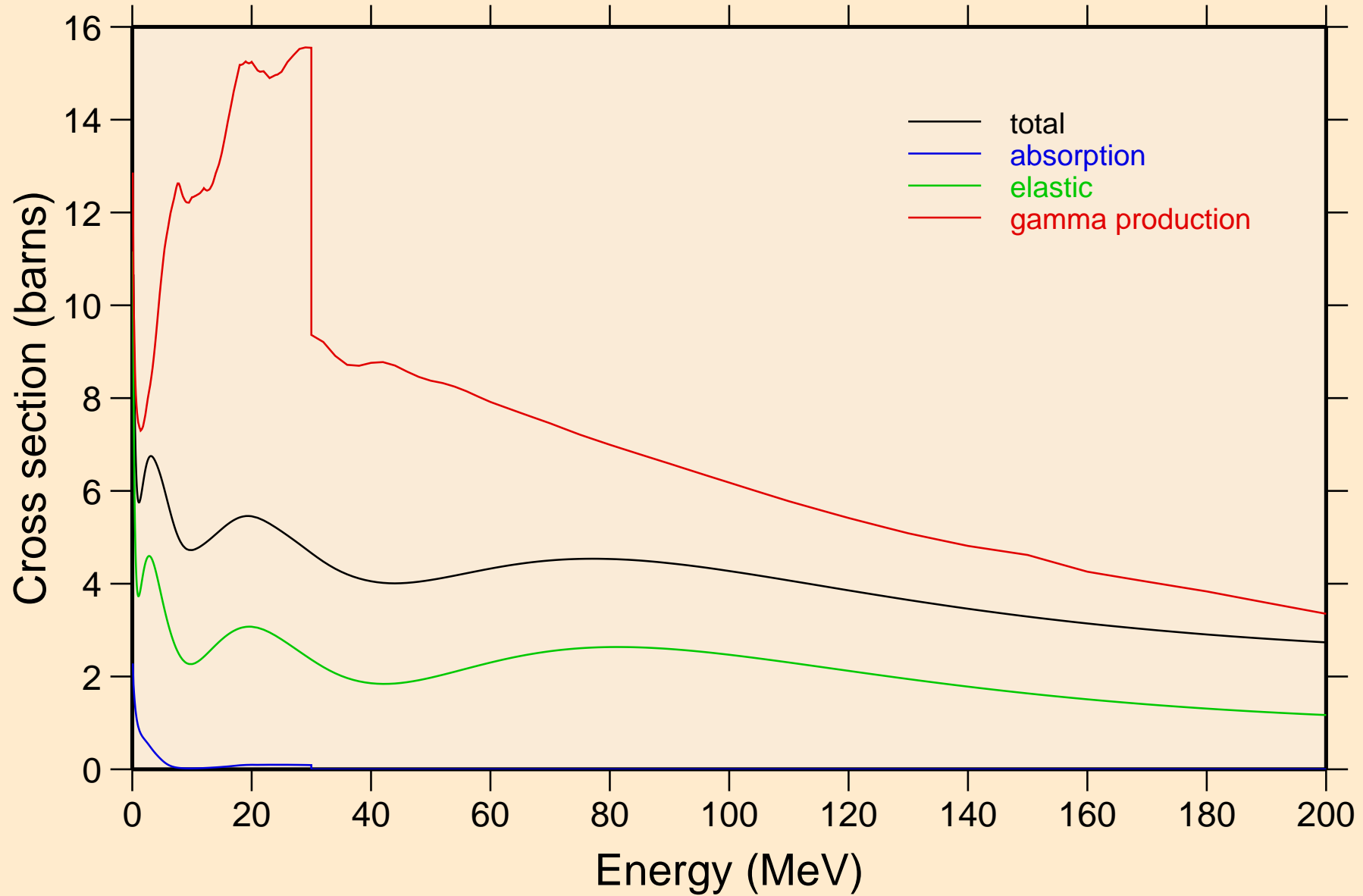


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



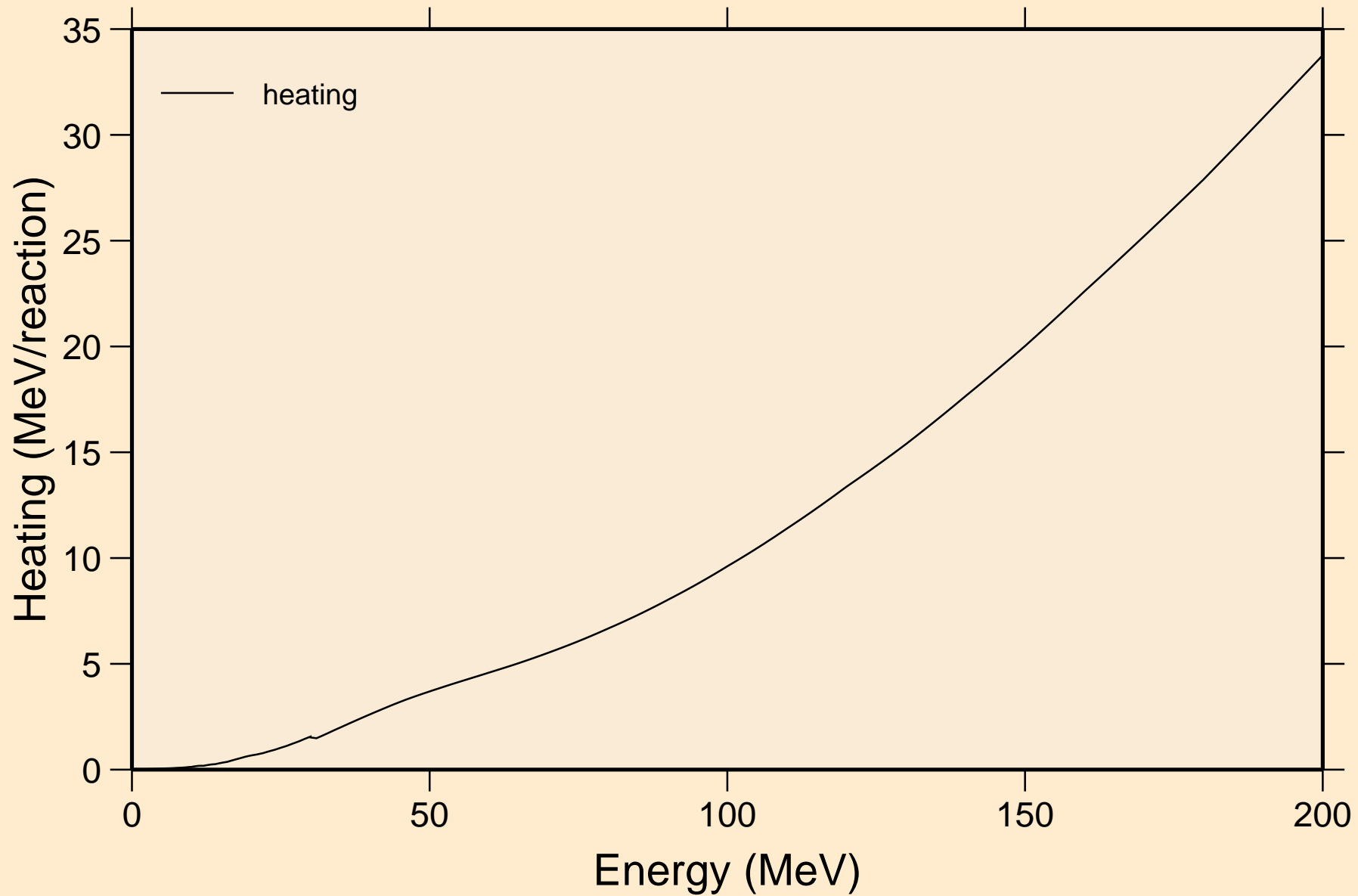
# OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



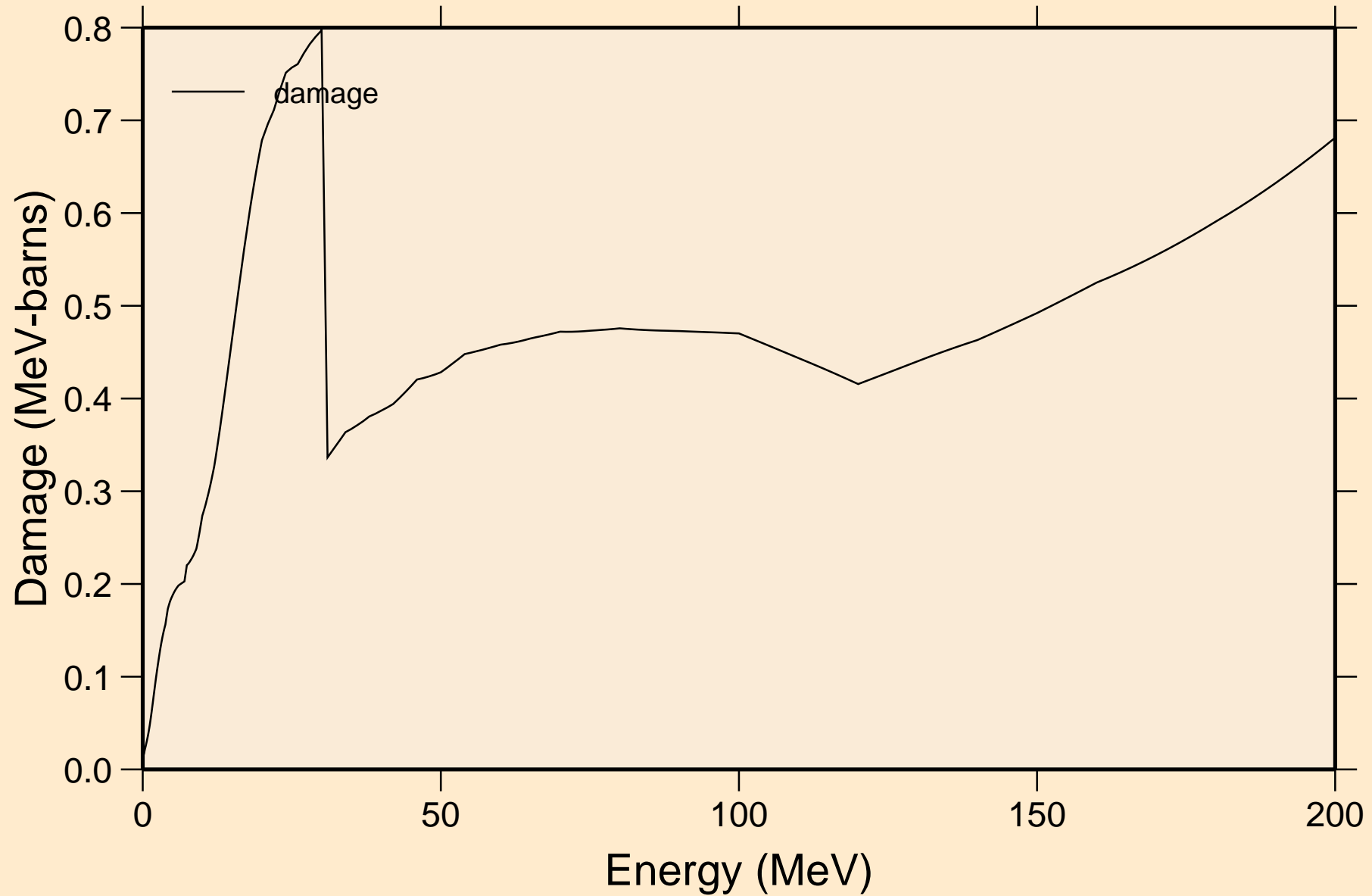
# OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

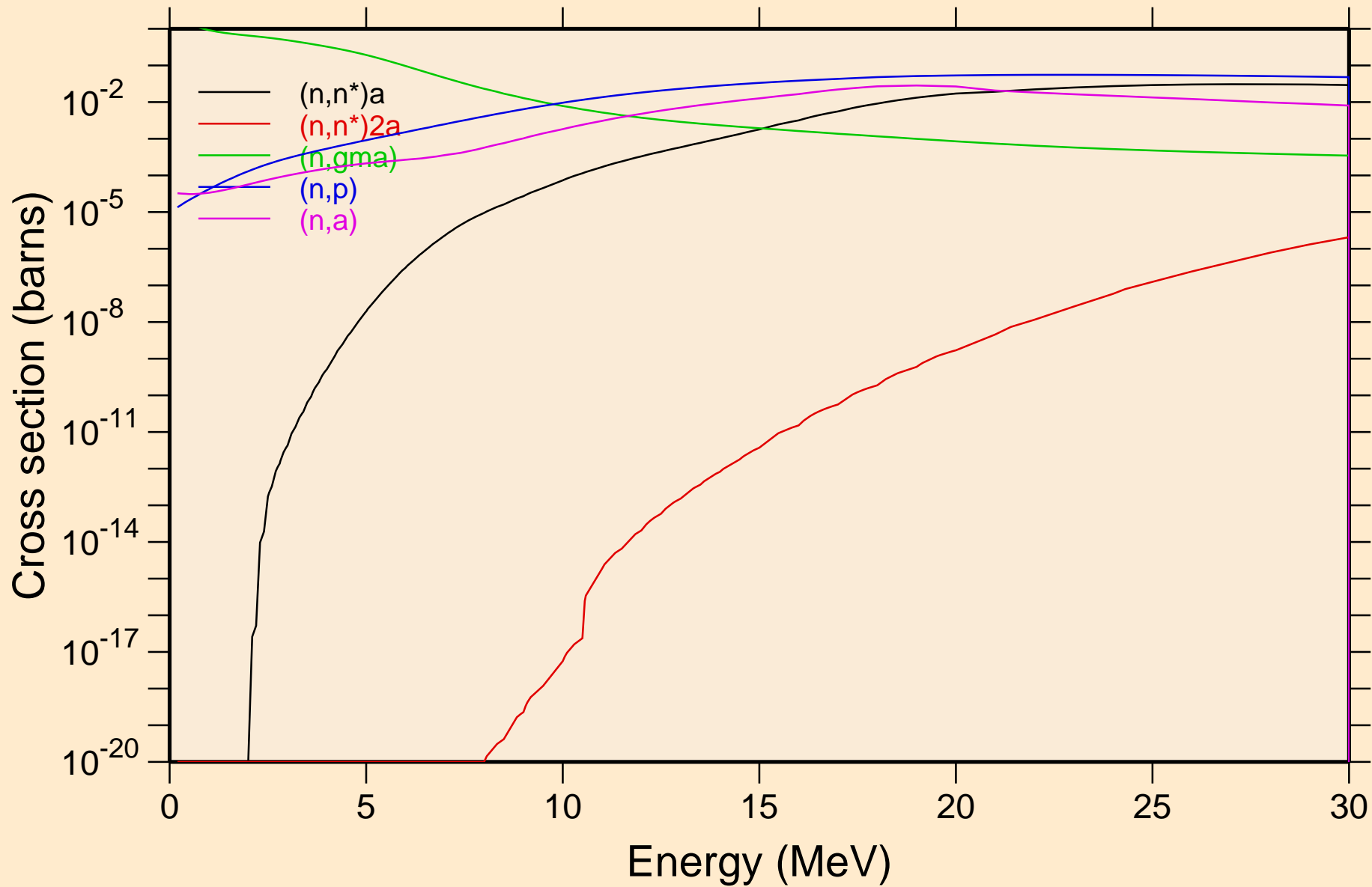


# OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

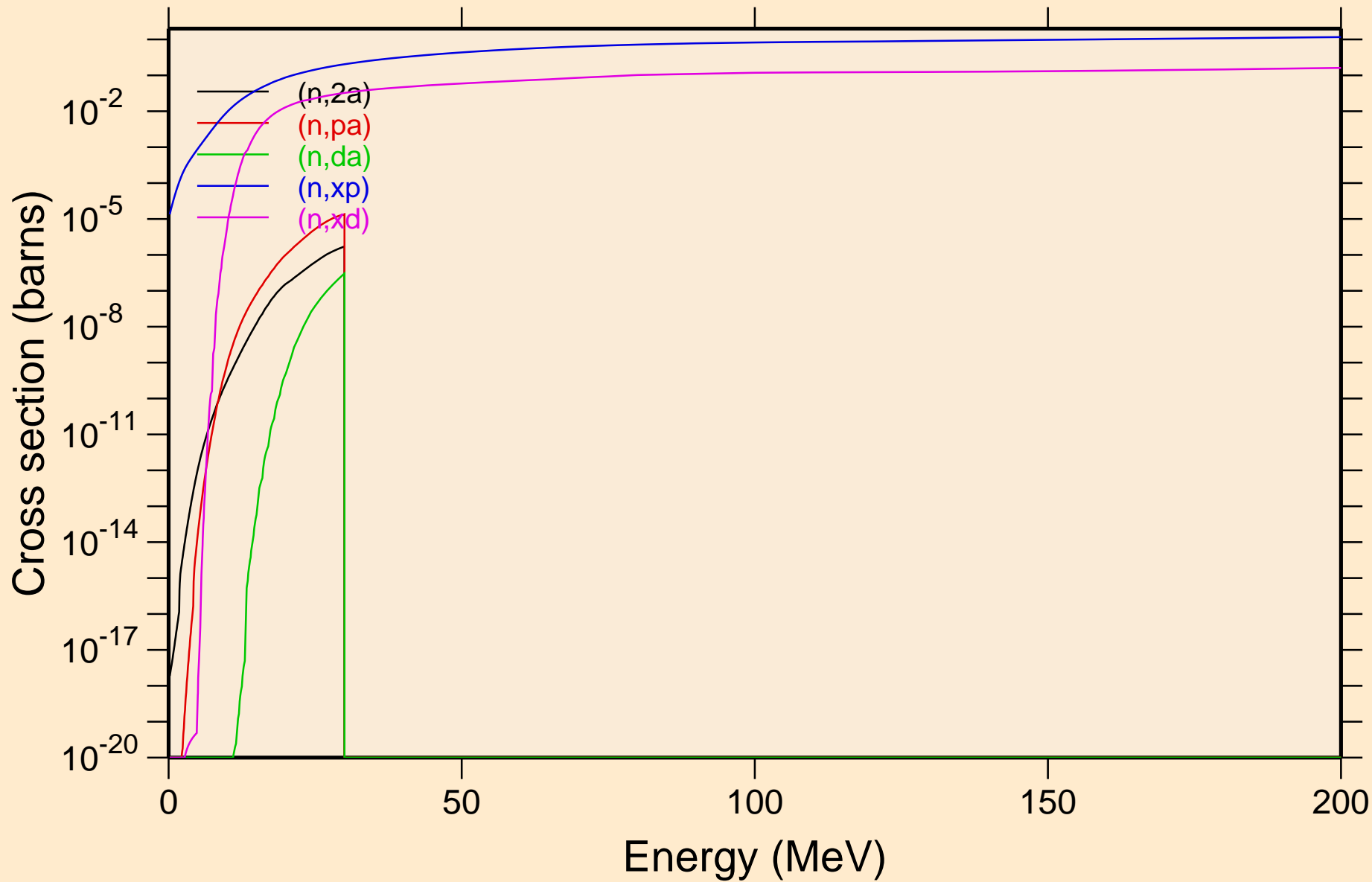


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

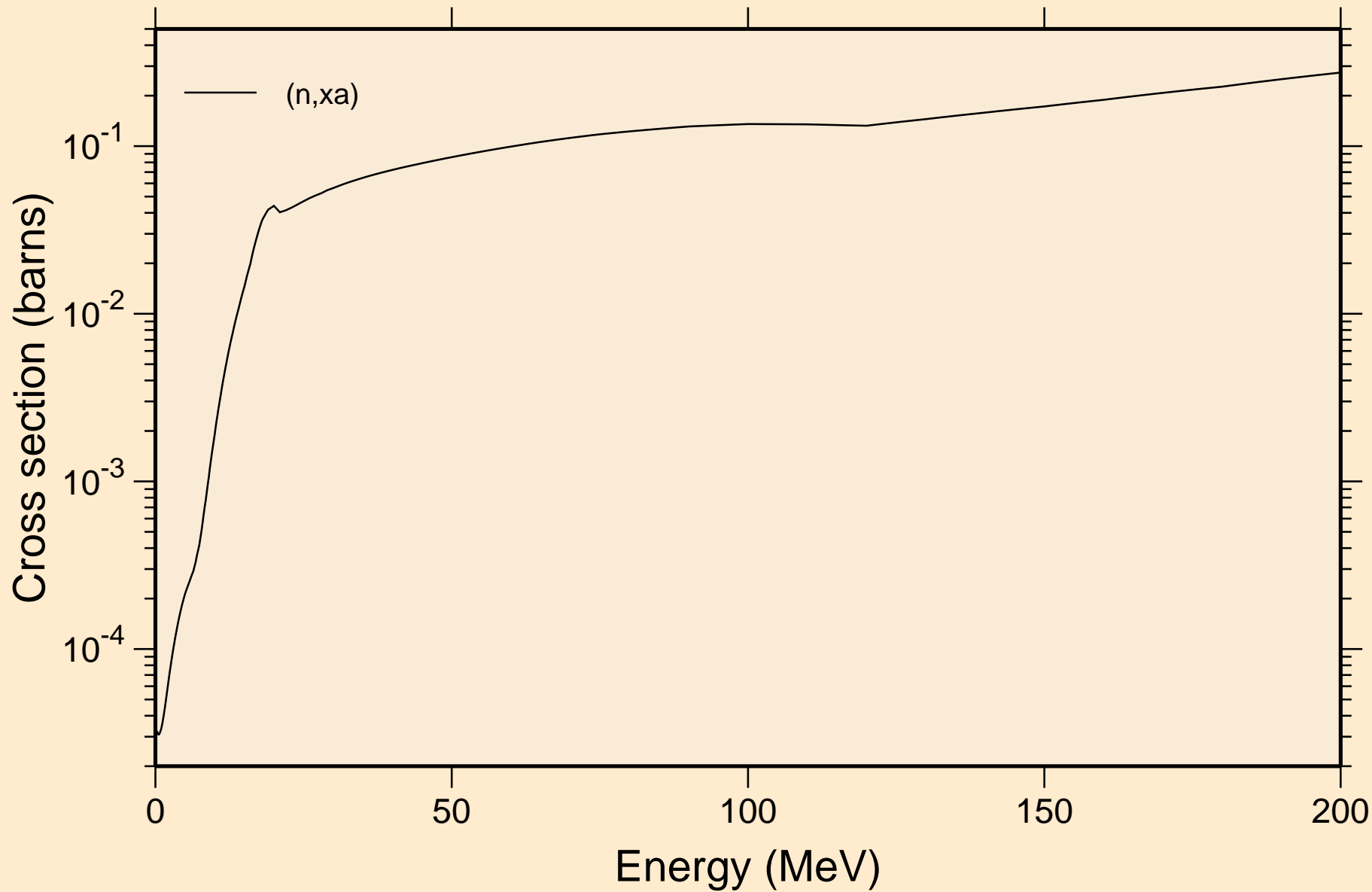




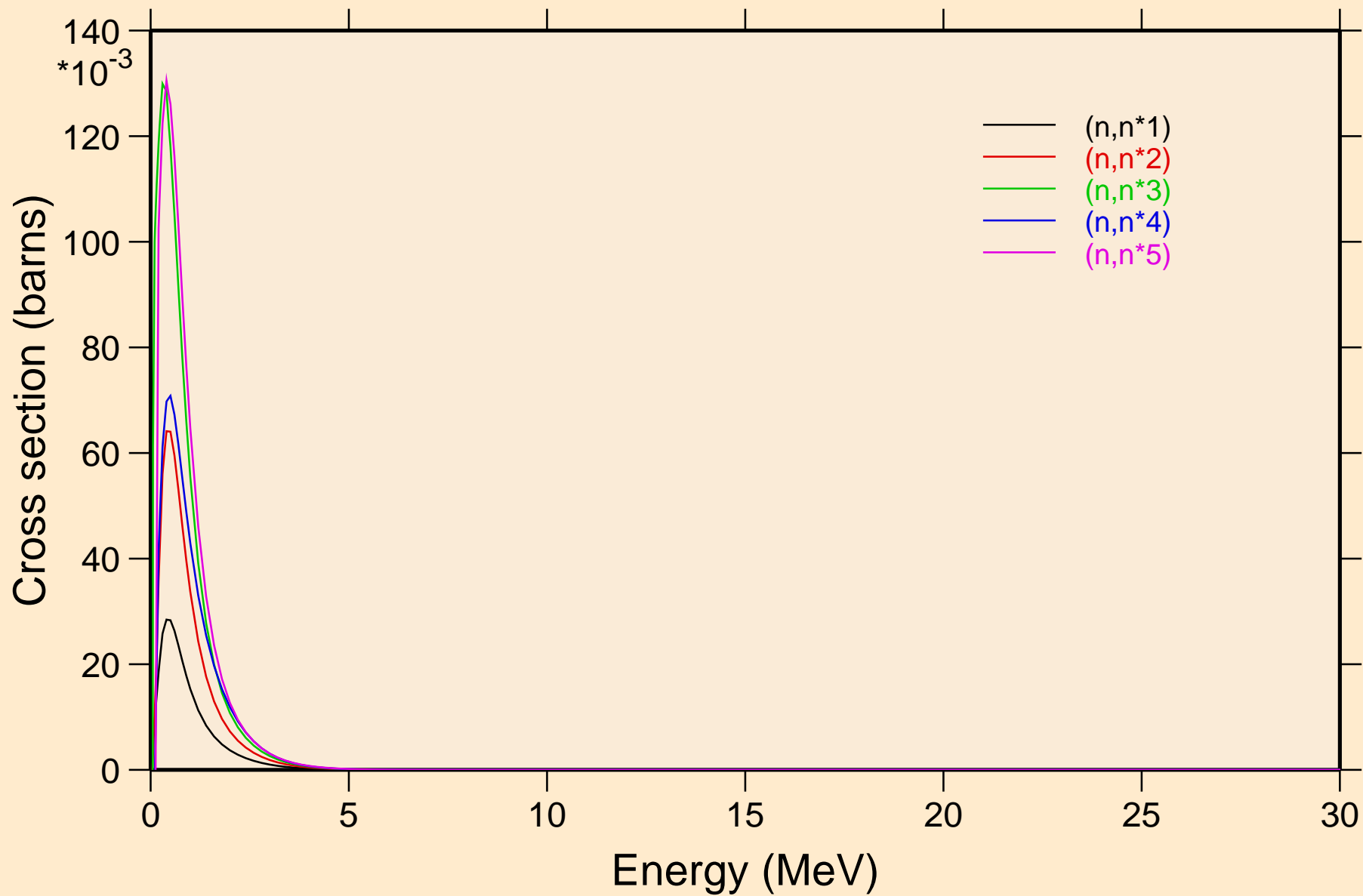
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



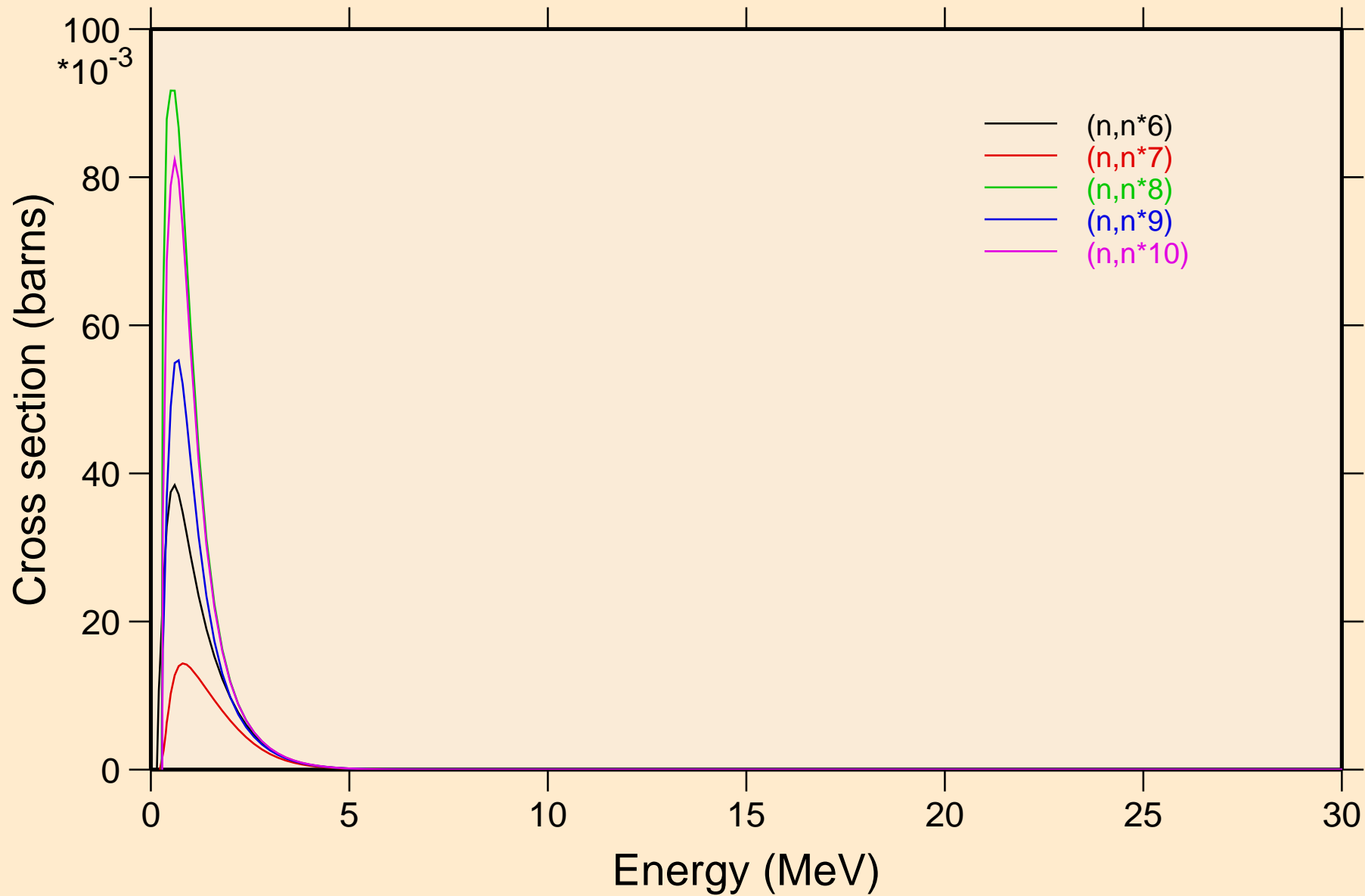
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



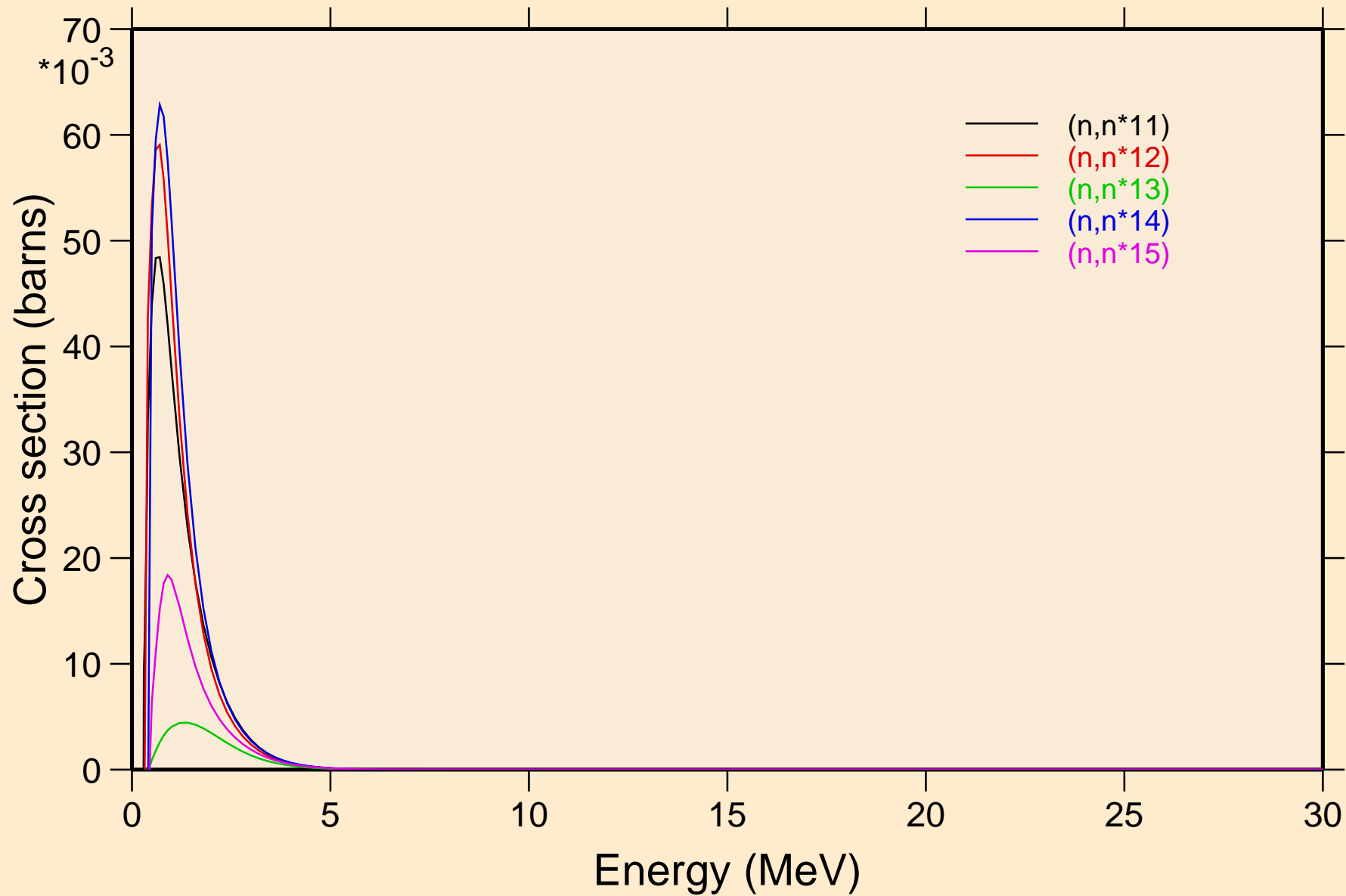
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



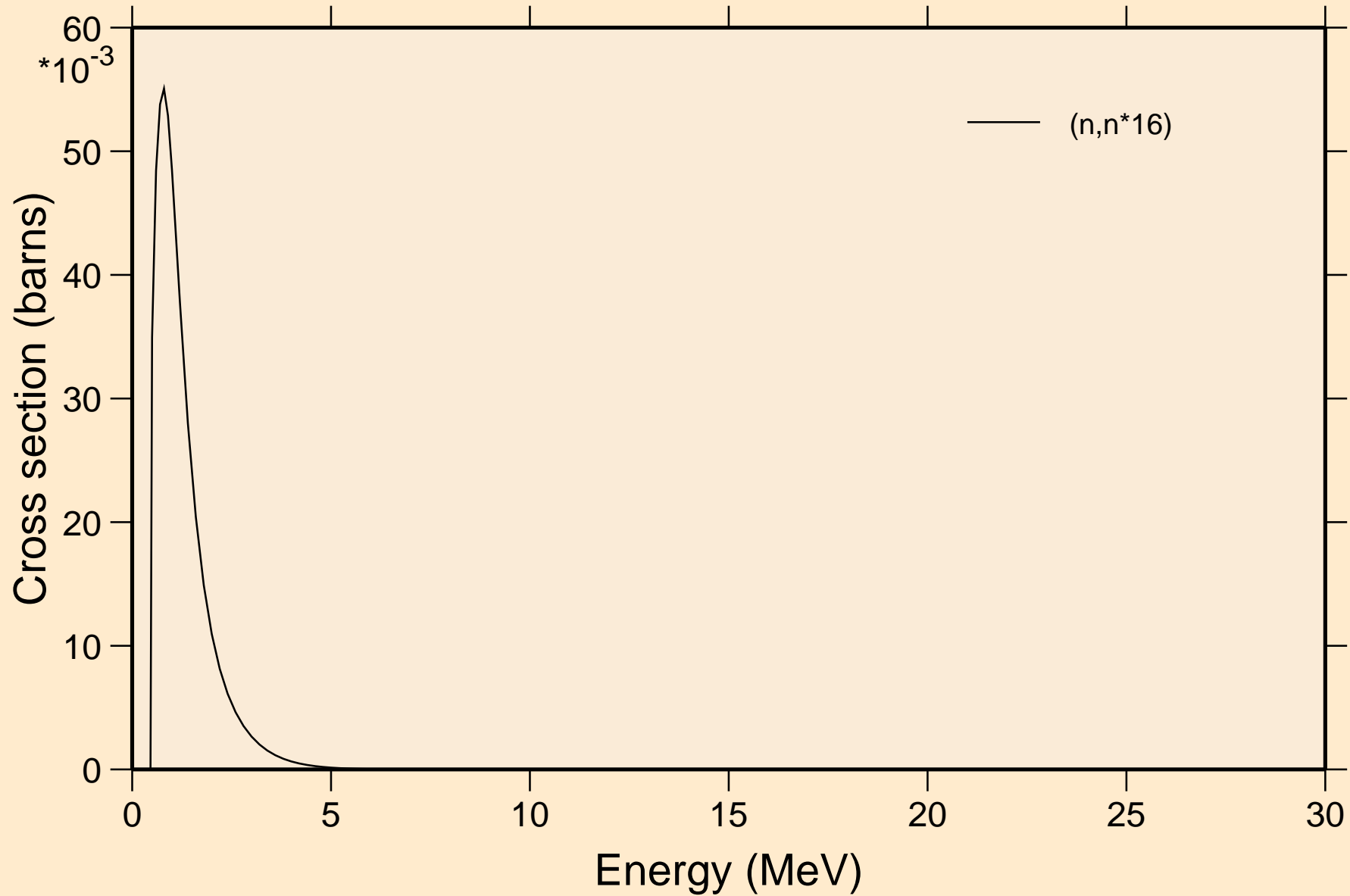
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



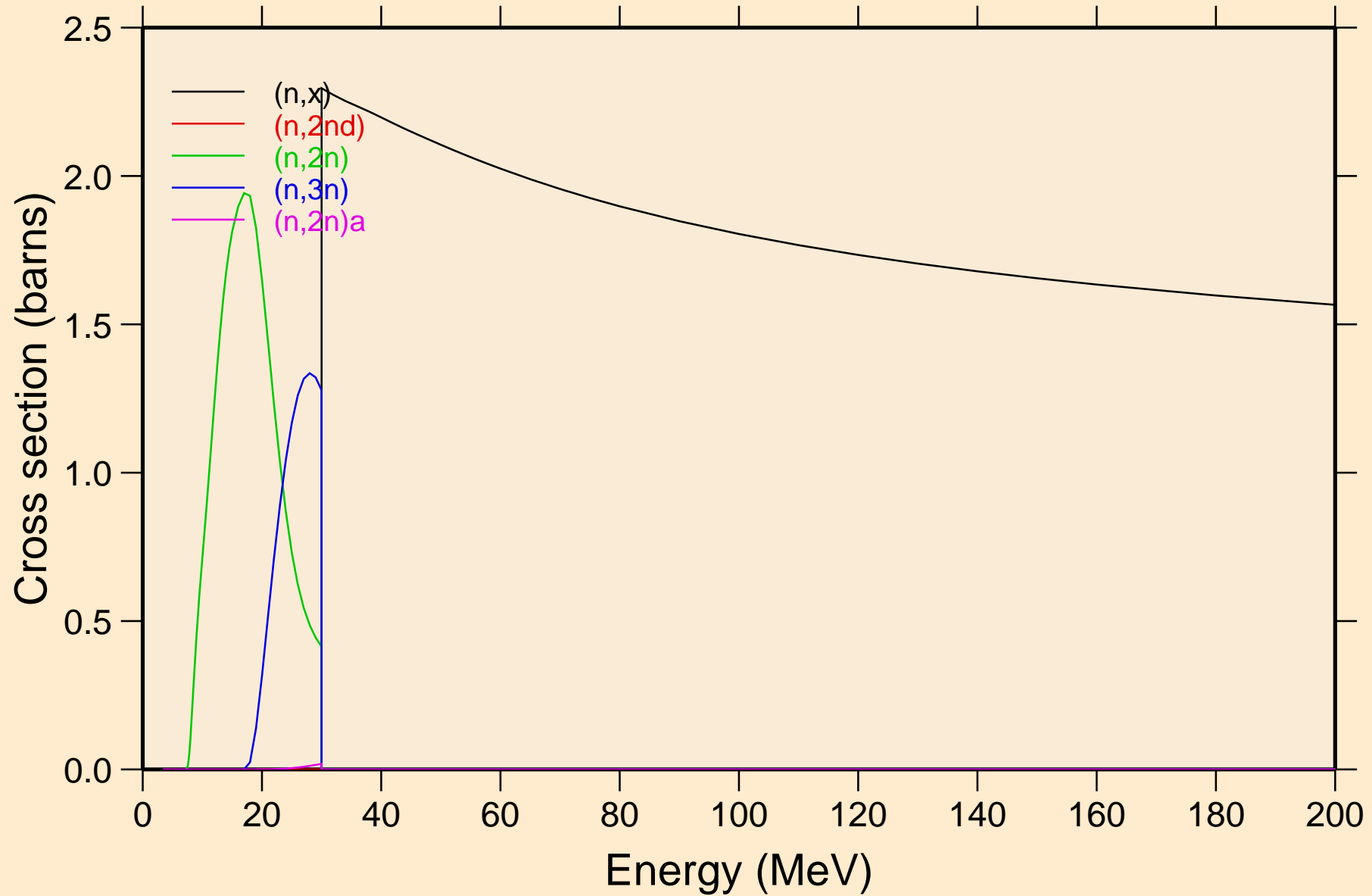
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

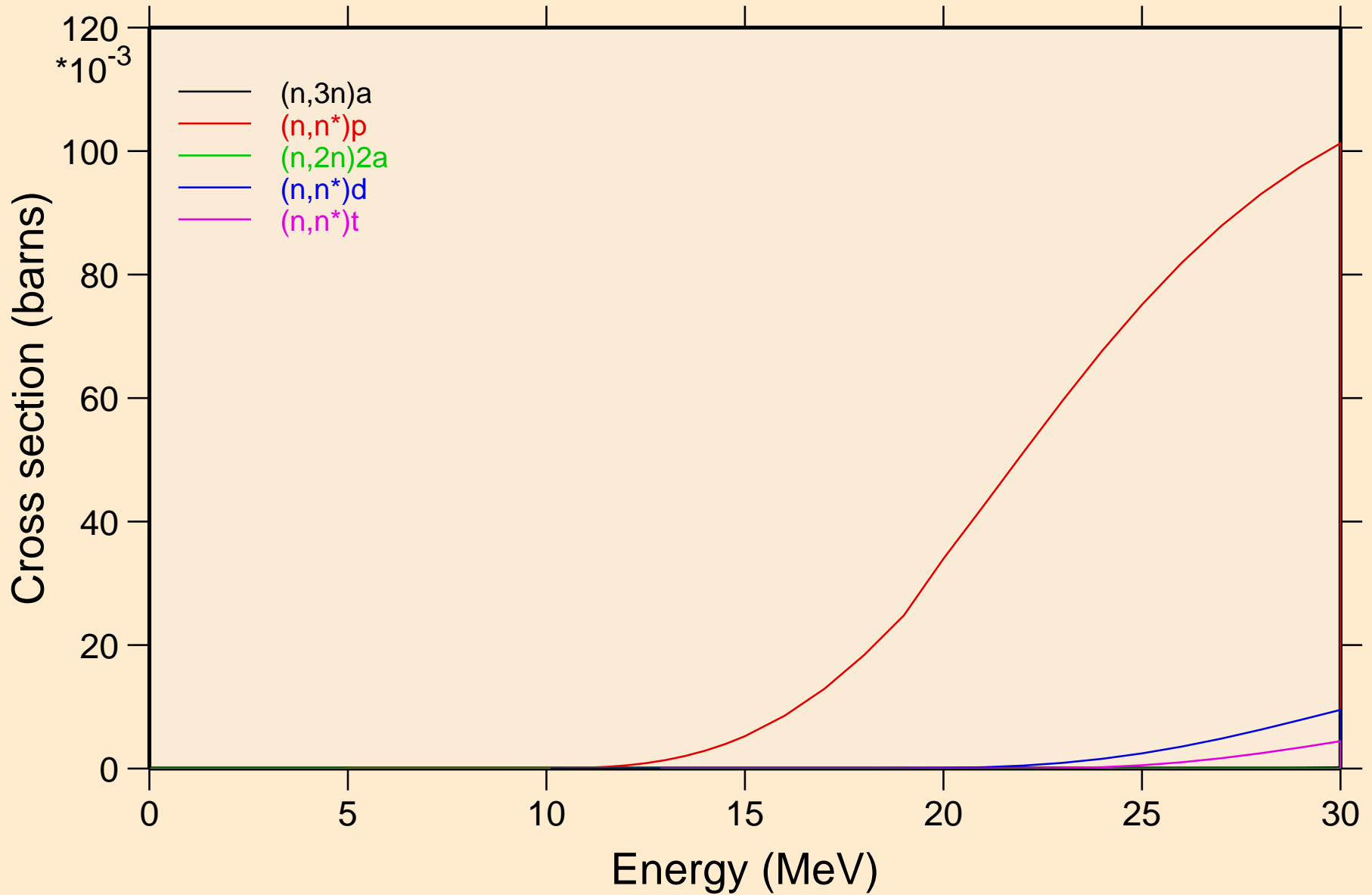


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



# OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

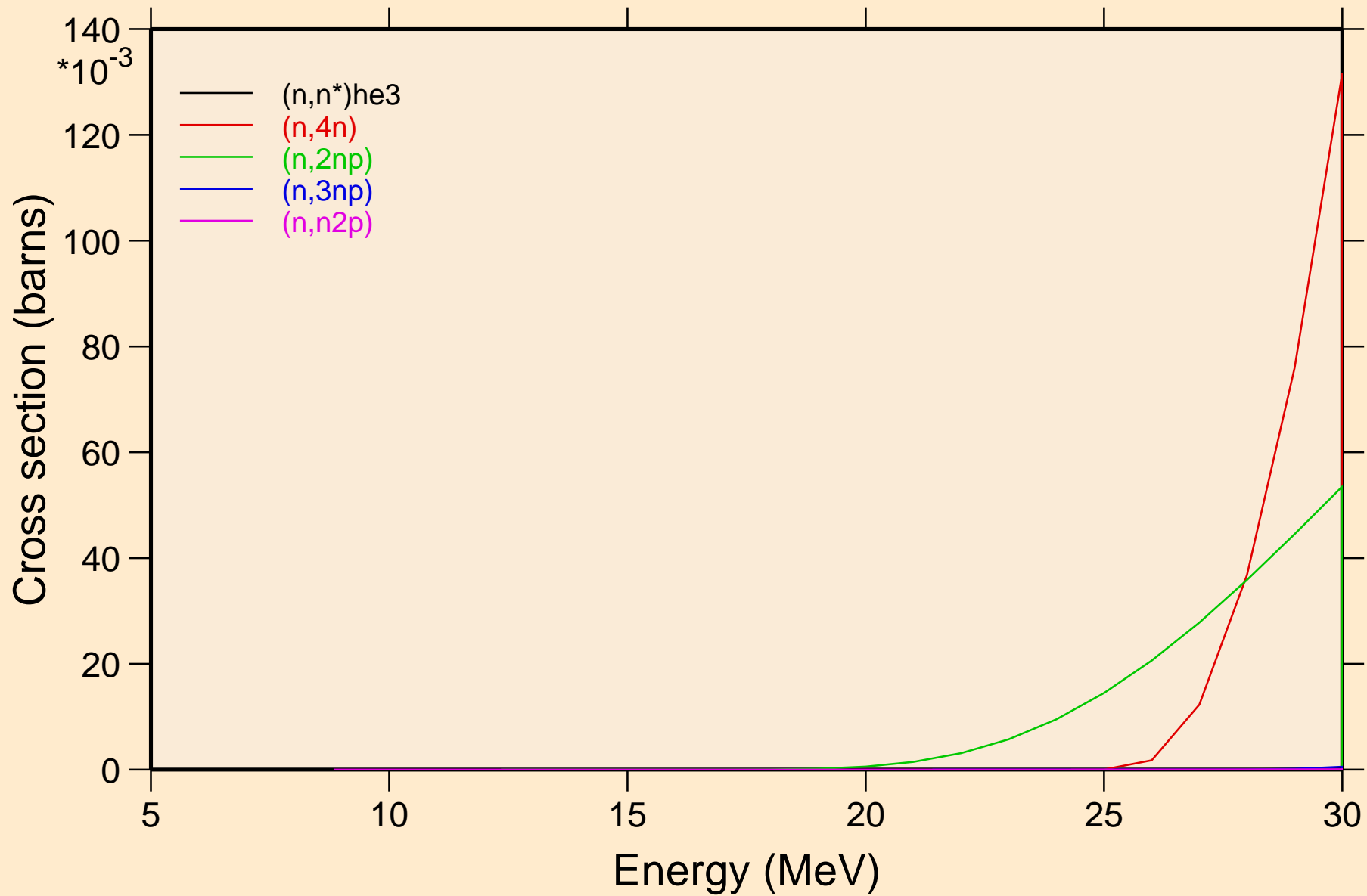
## Threshold reactions





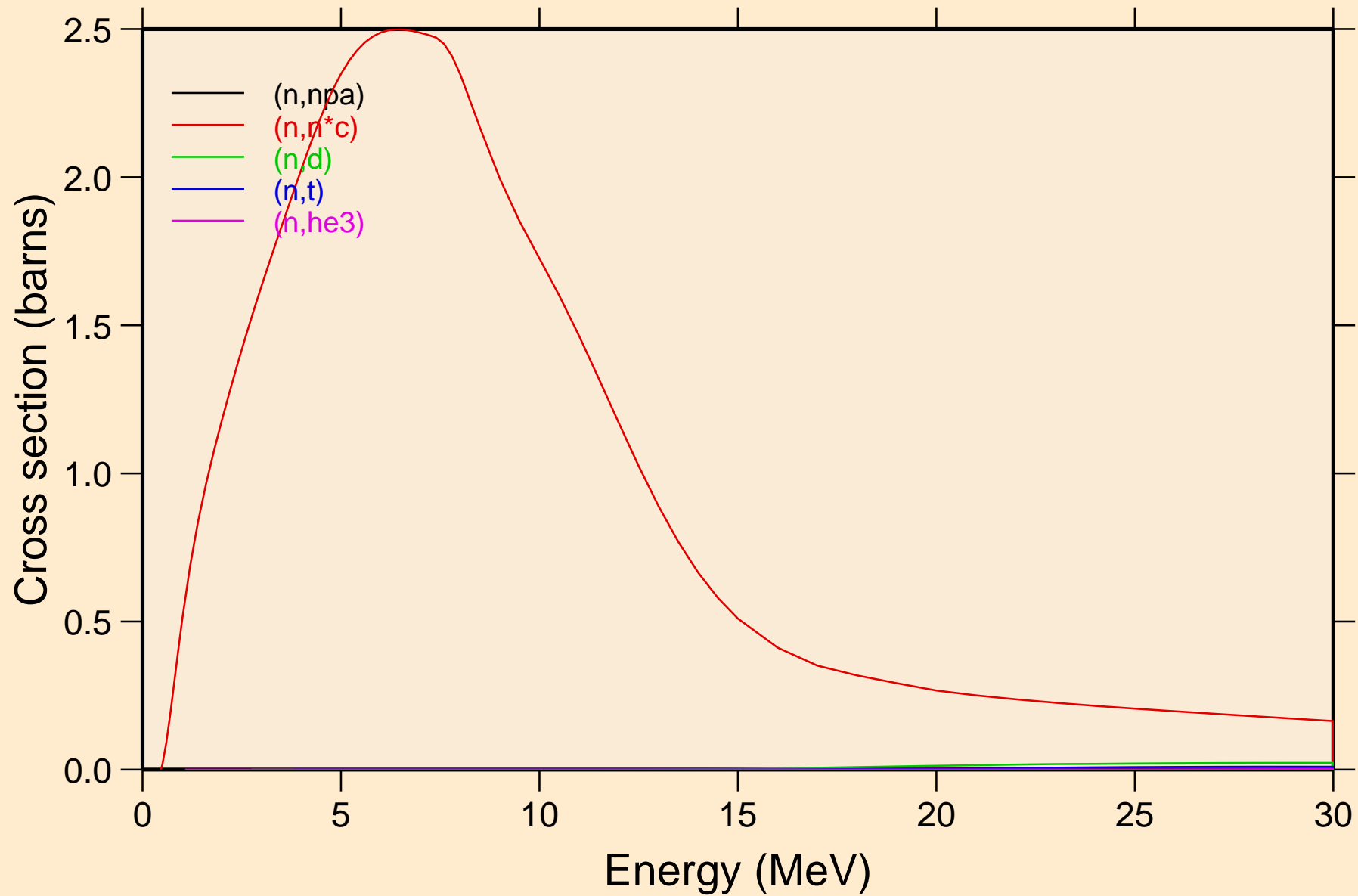
# OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



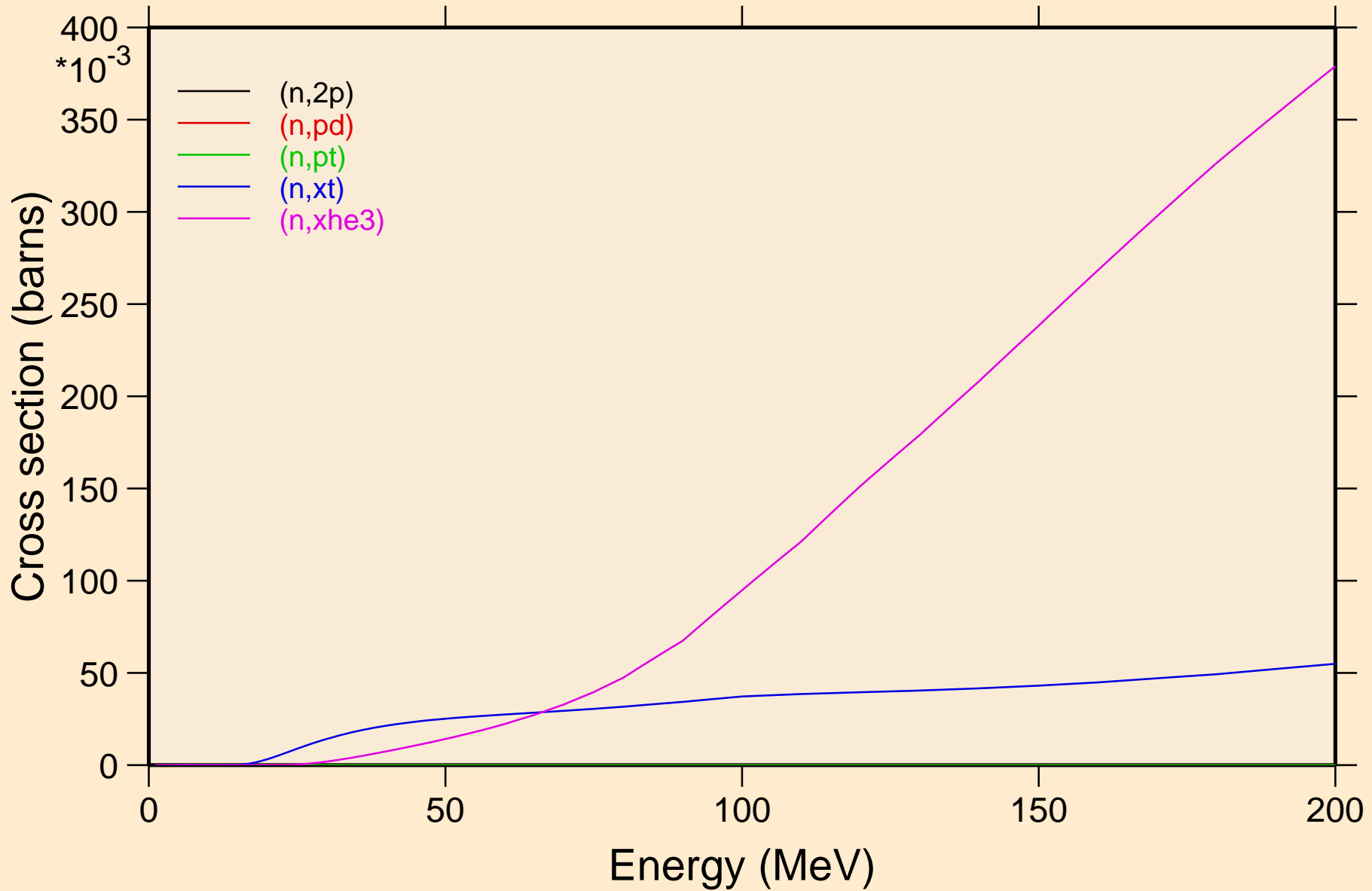
# OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

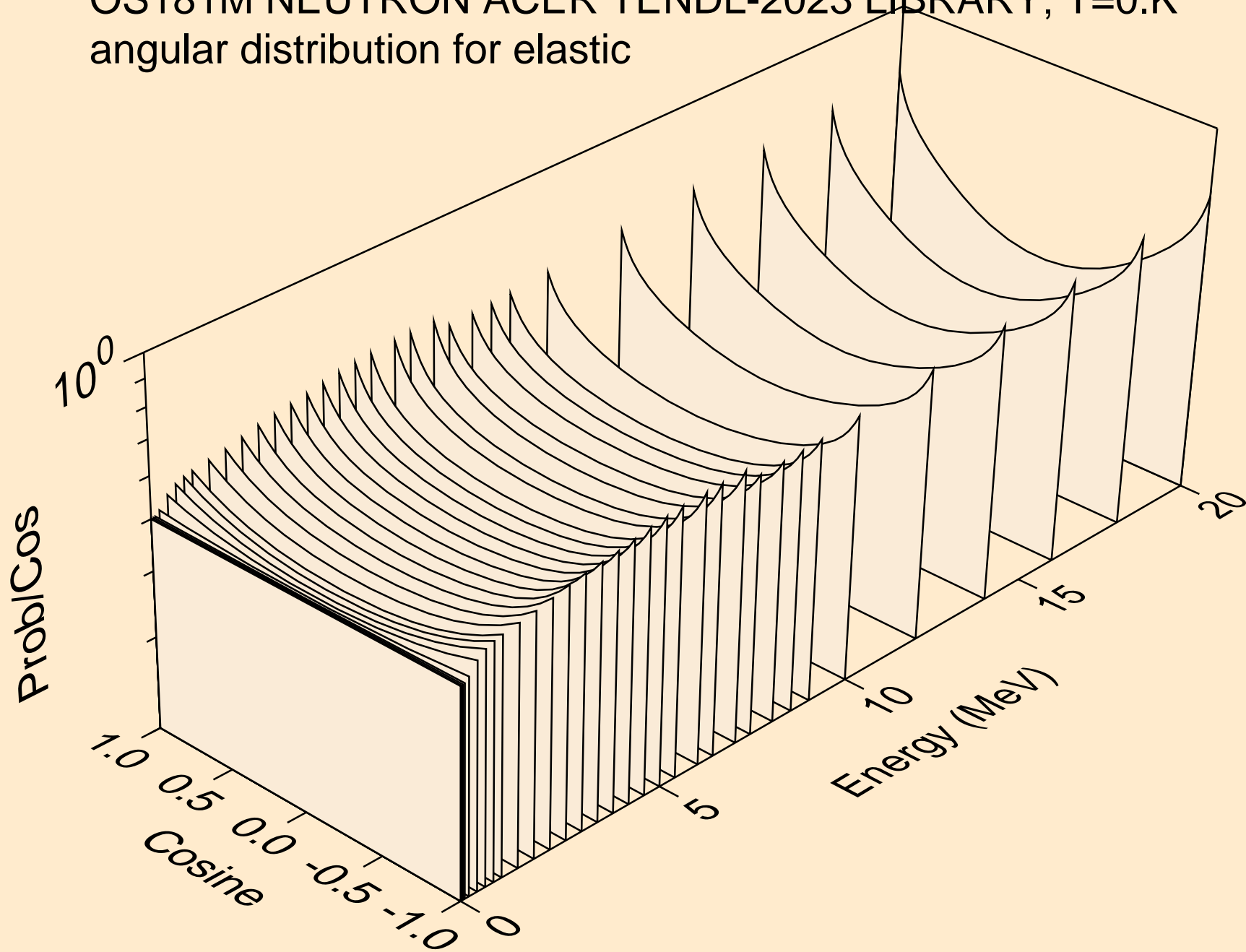


# OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

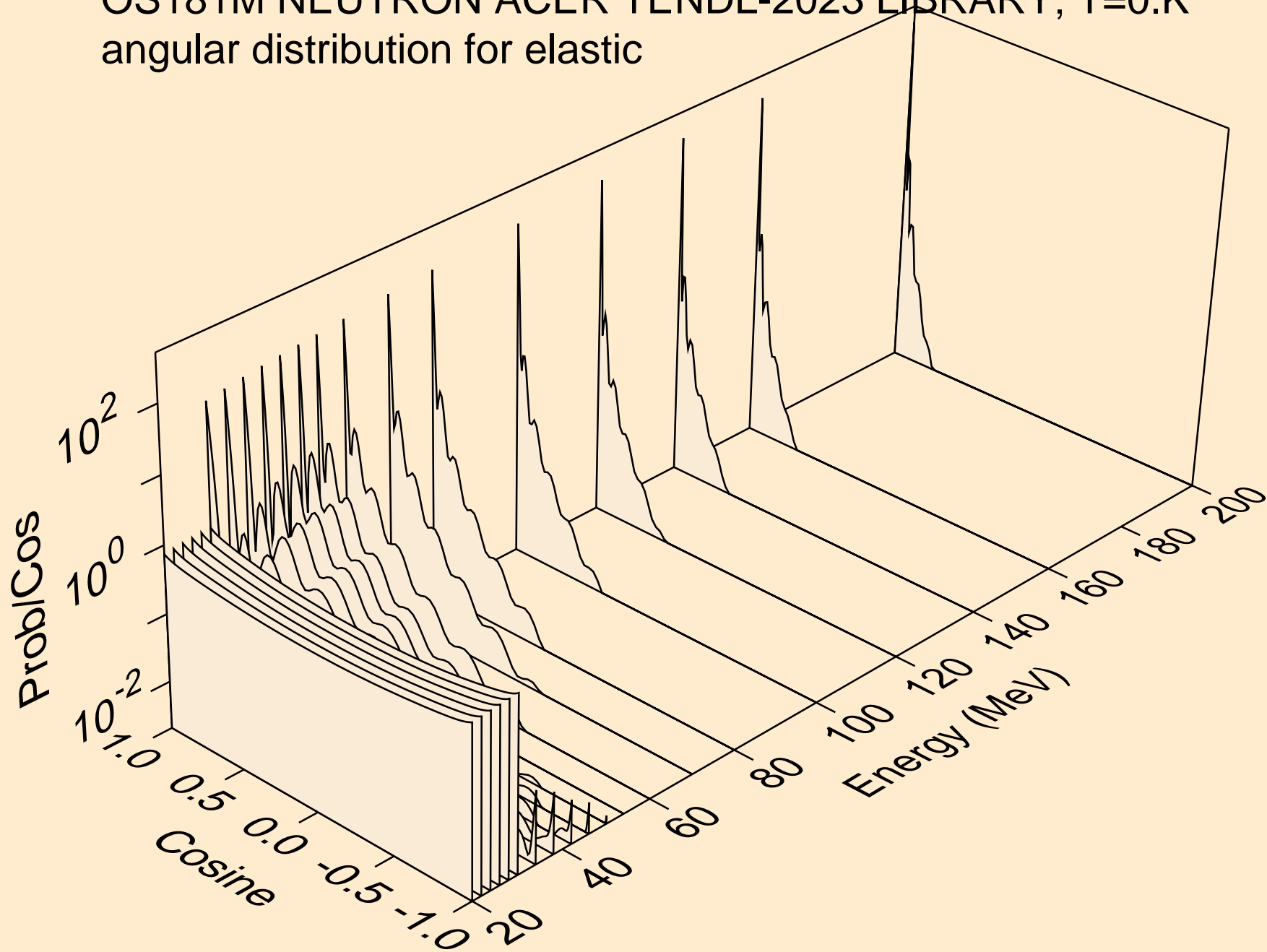
## Threshold reactions



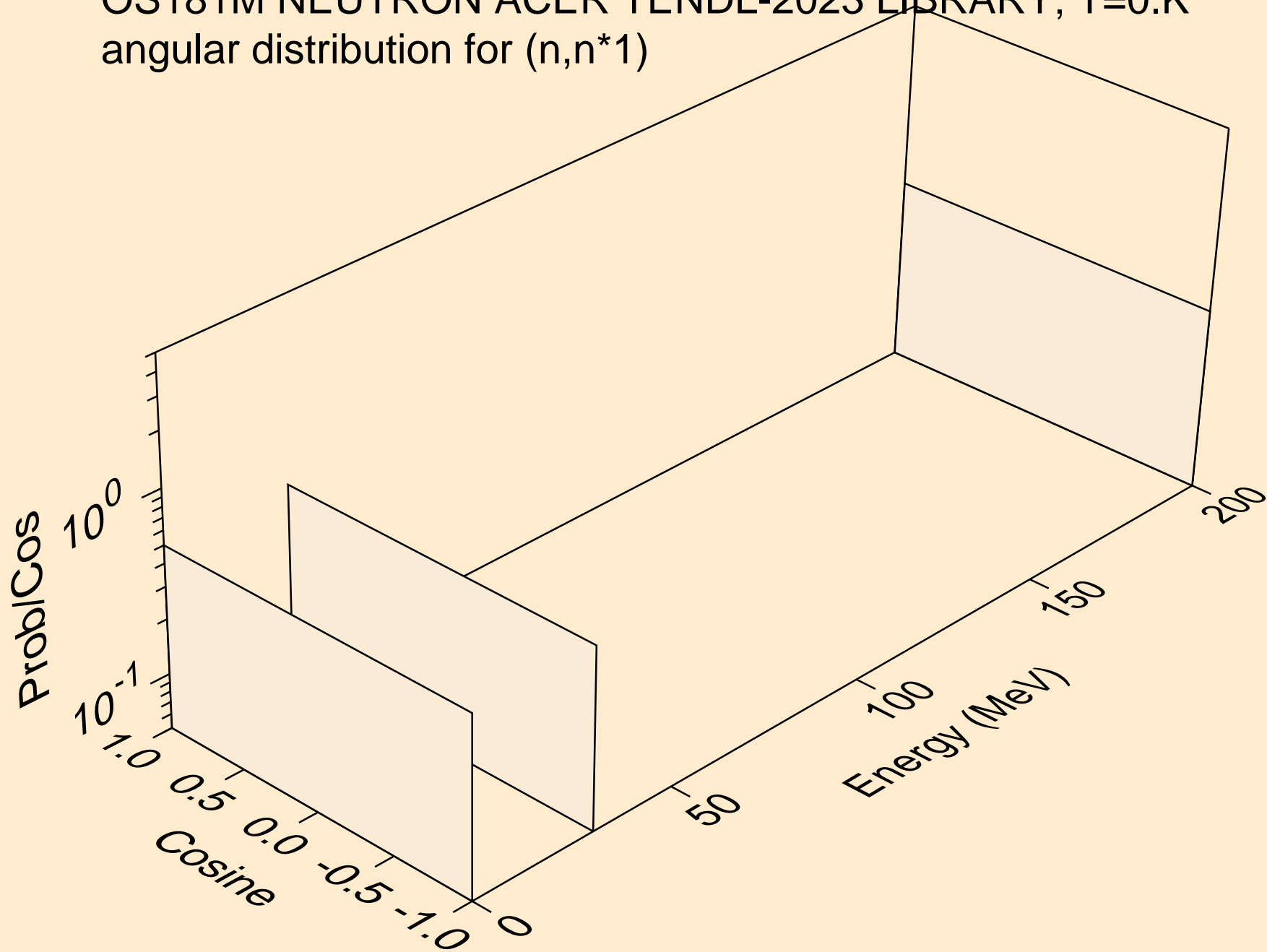
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



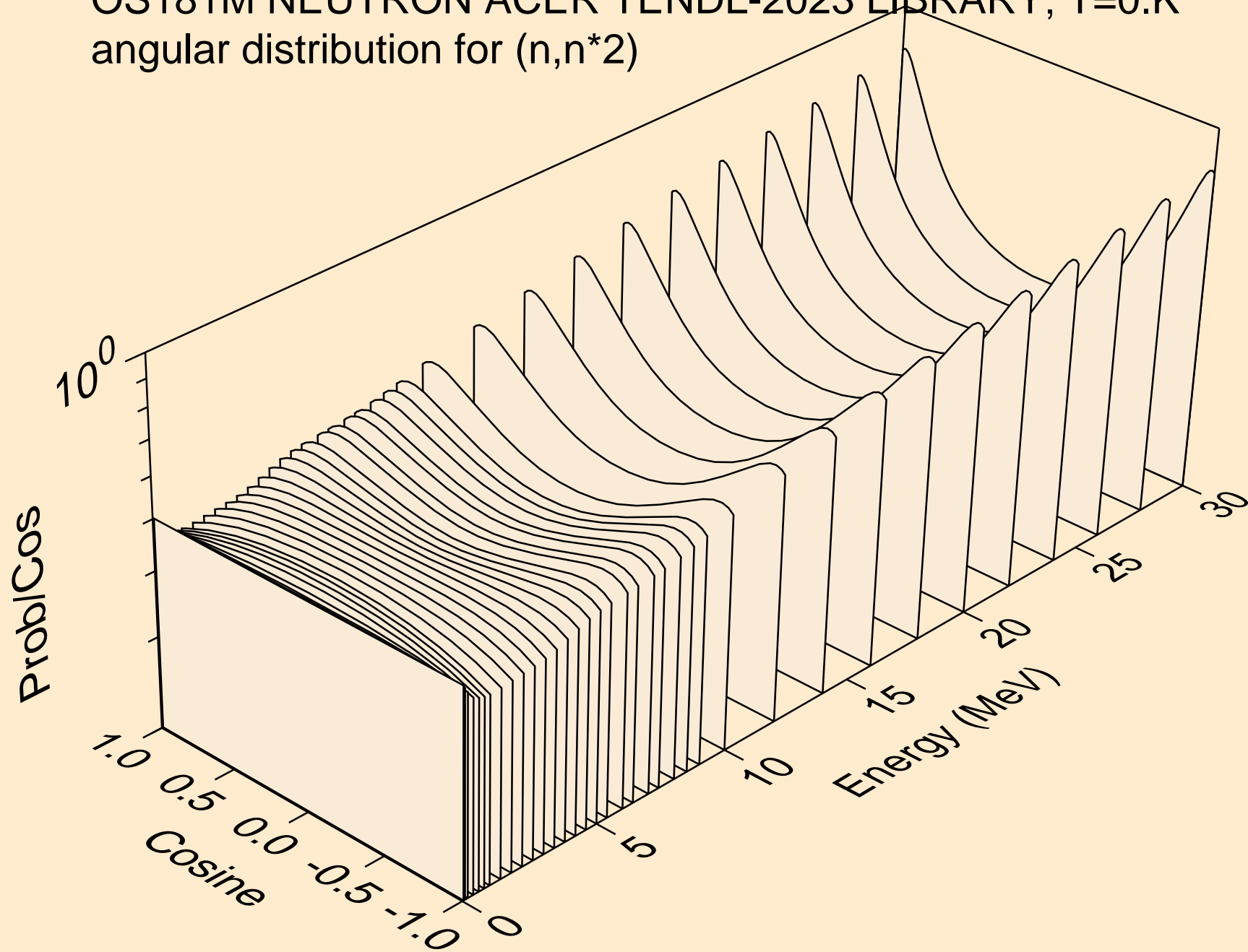
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



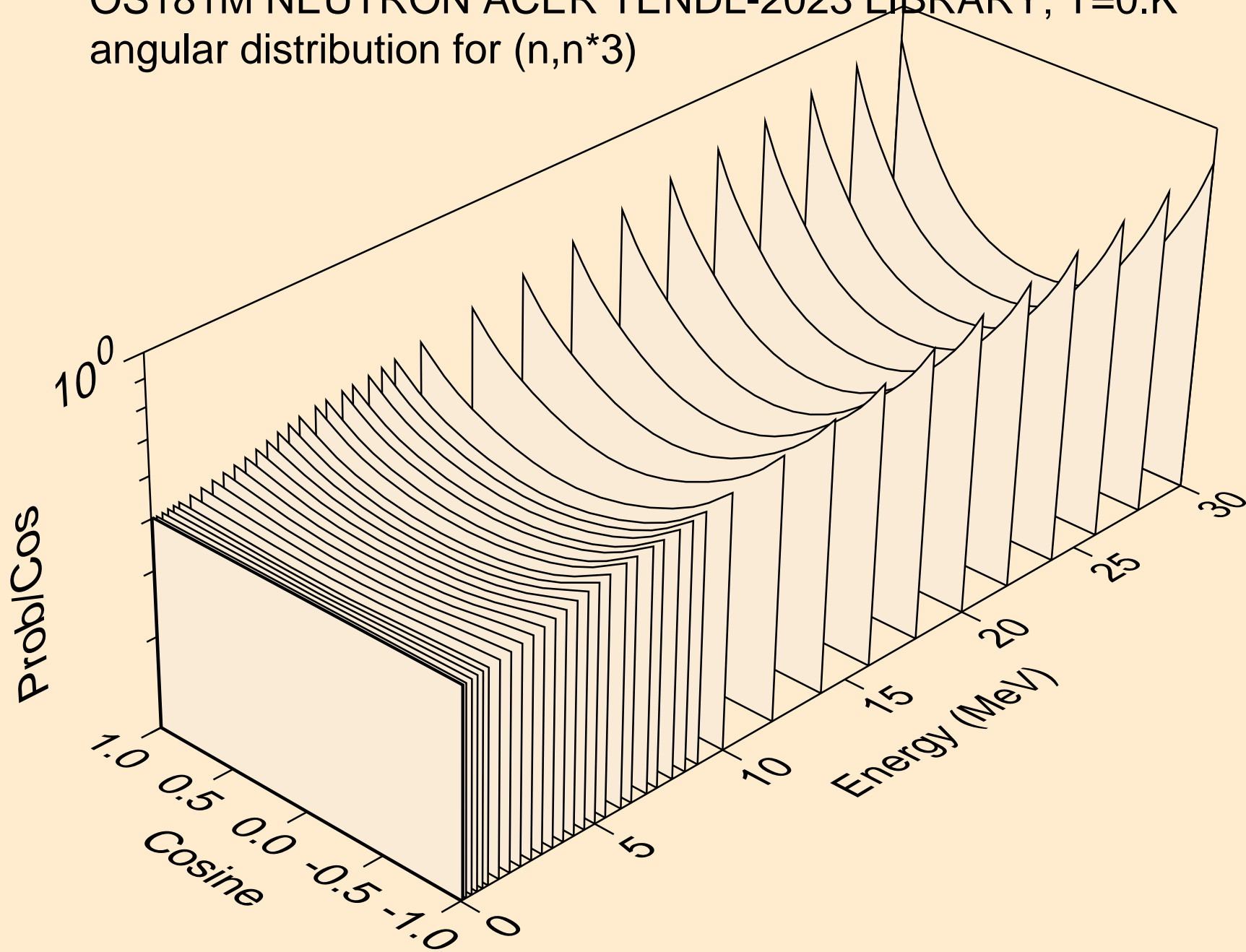
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

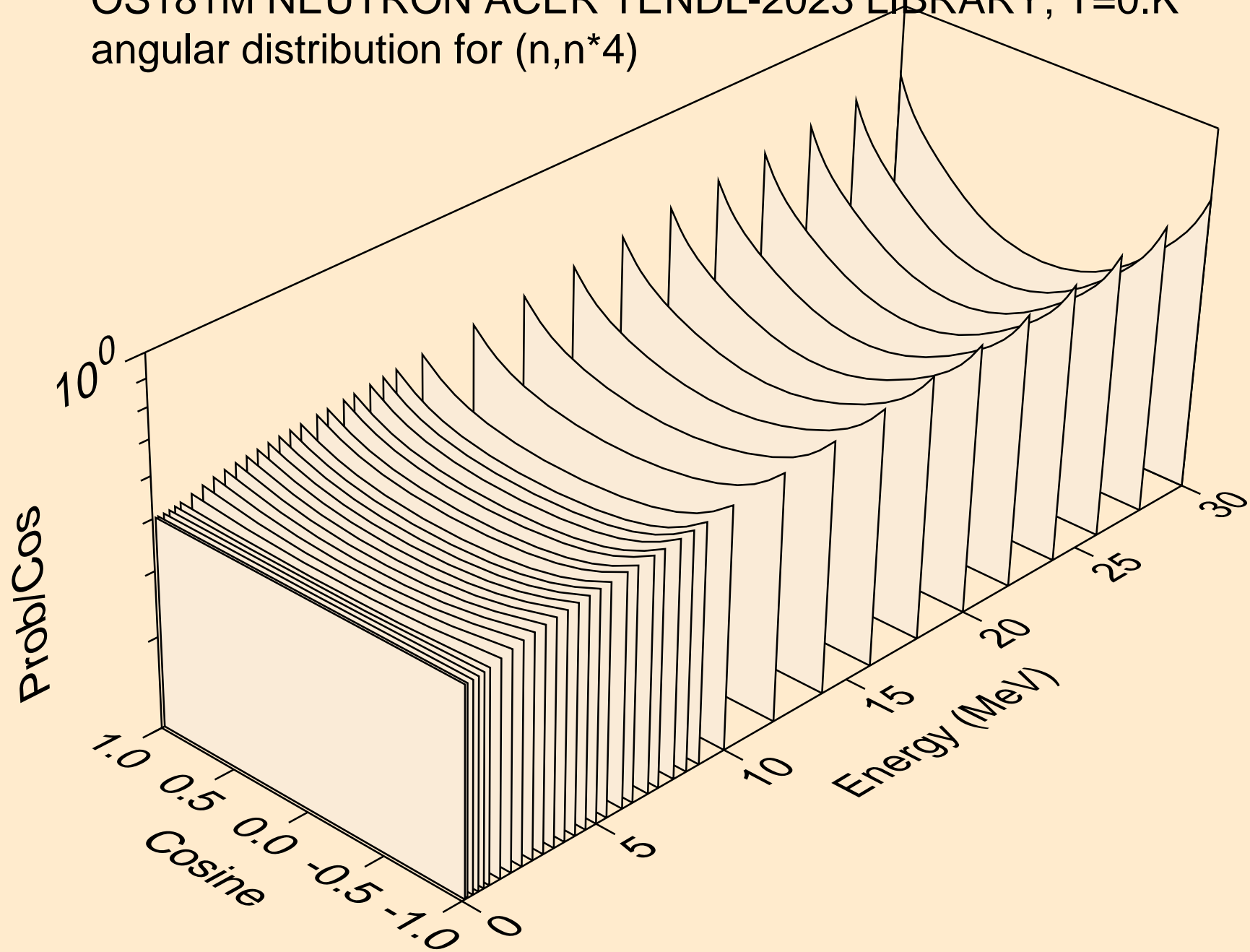


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

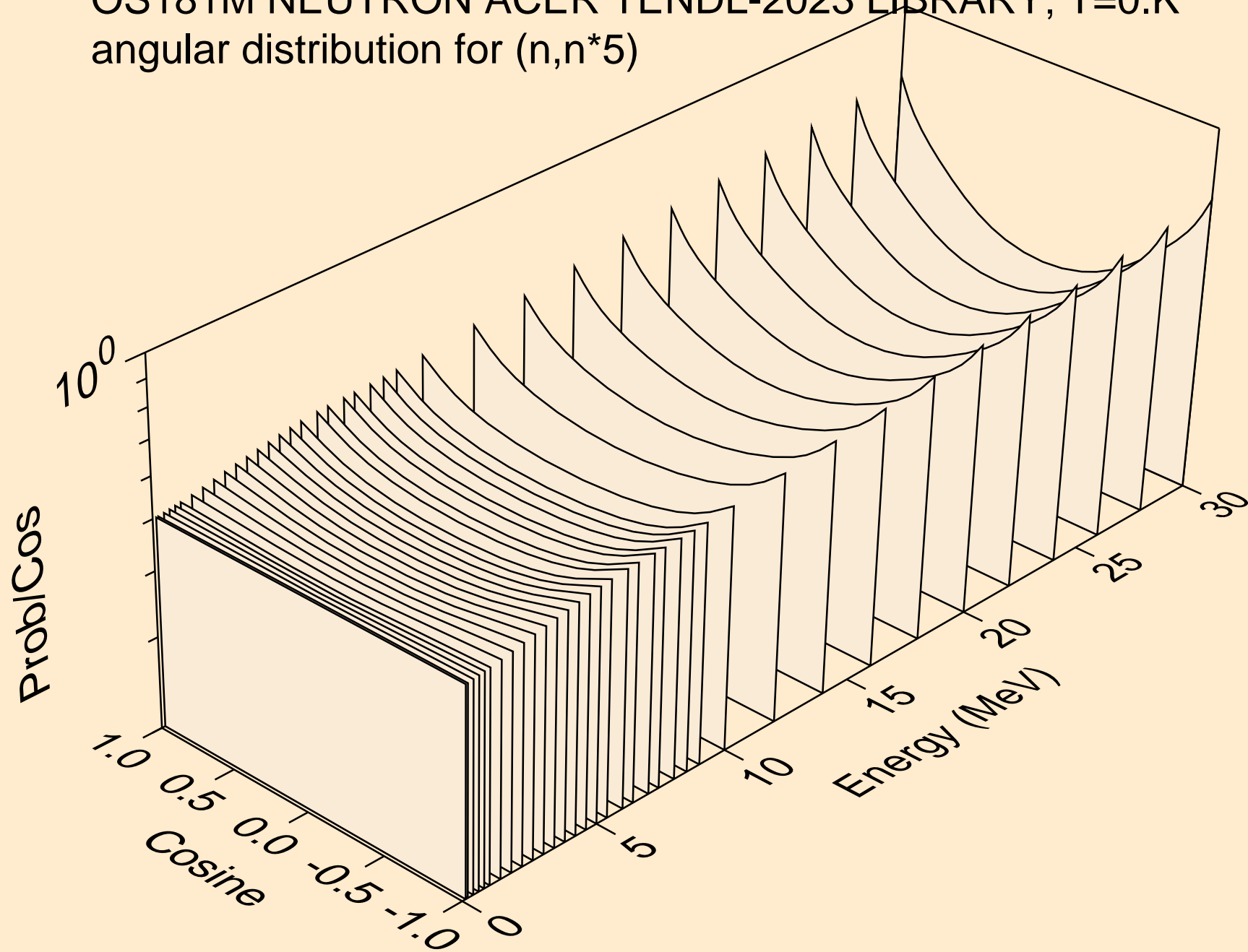




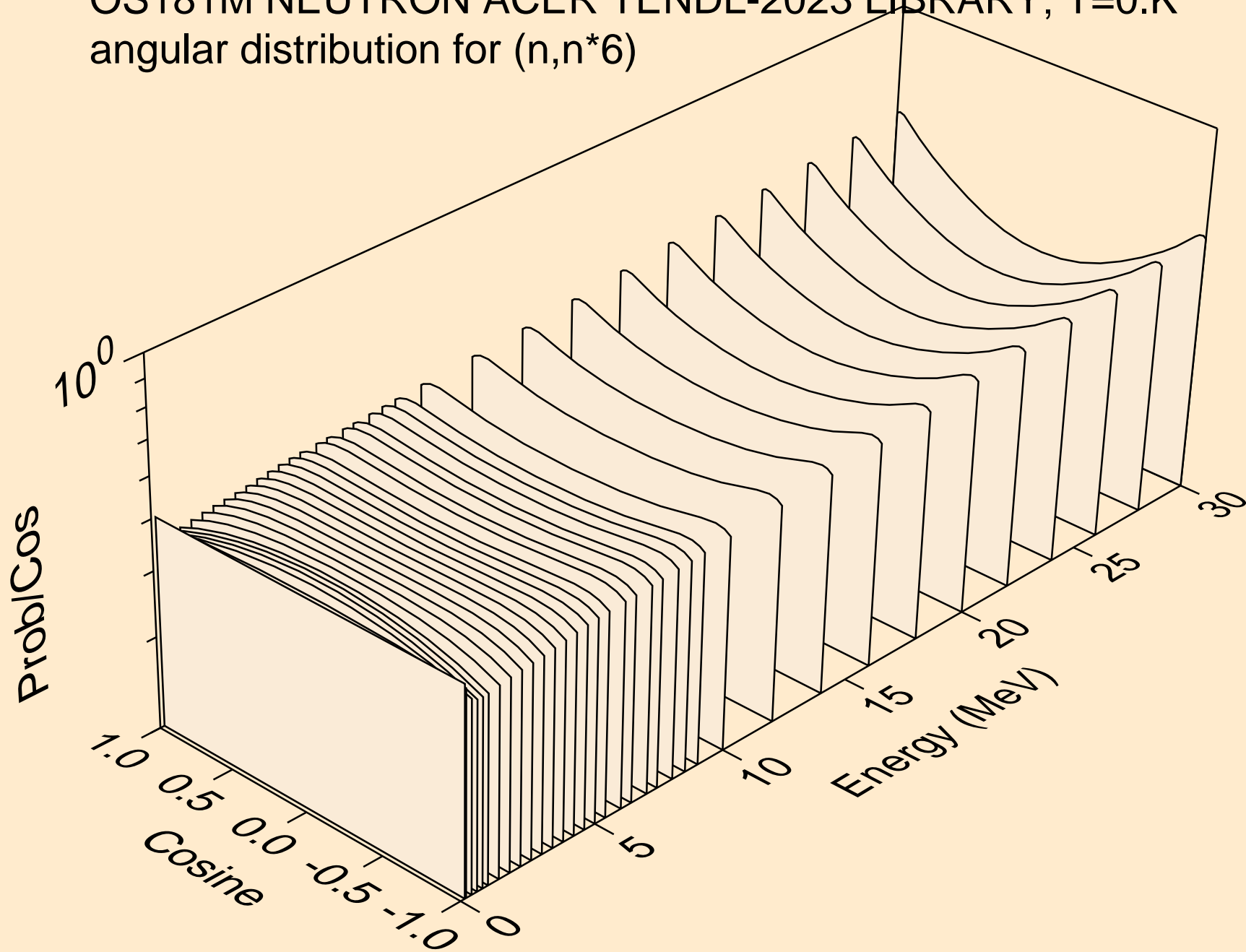
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



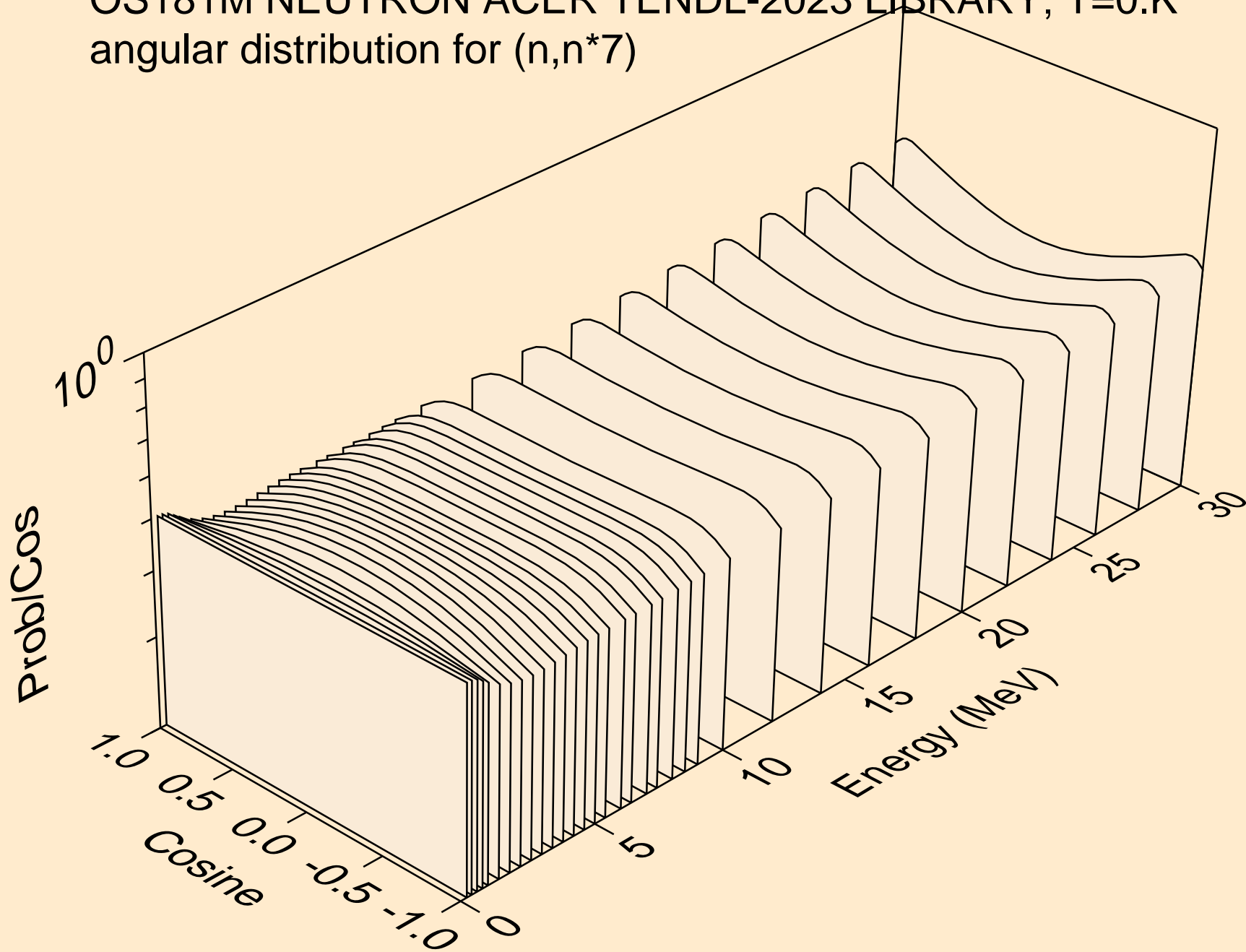
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



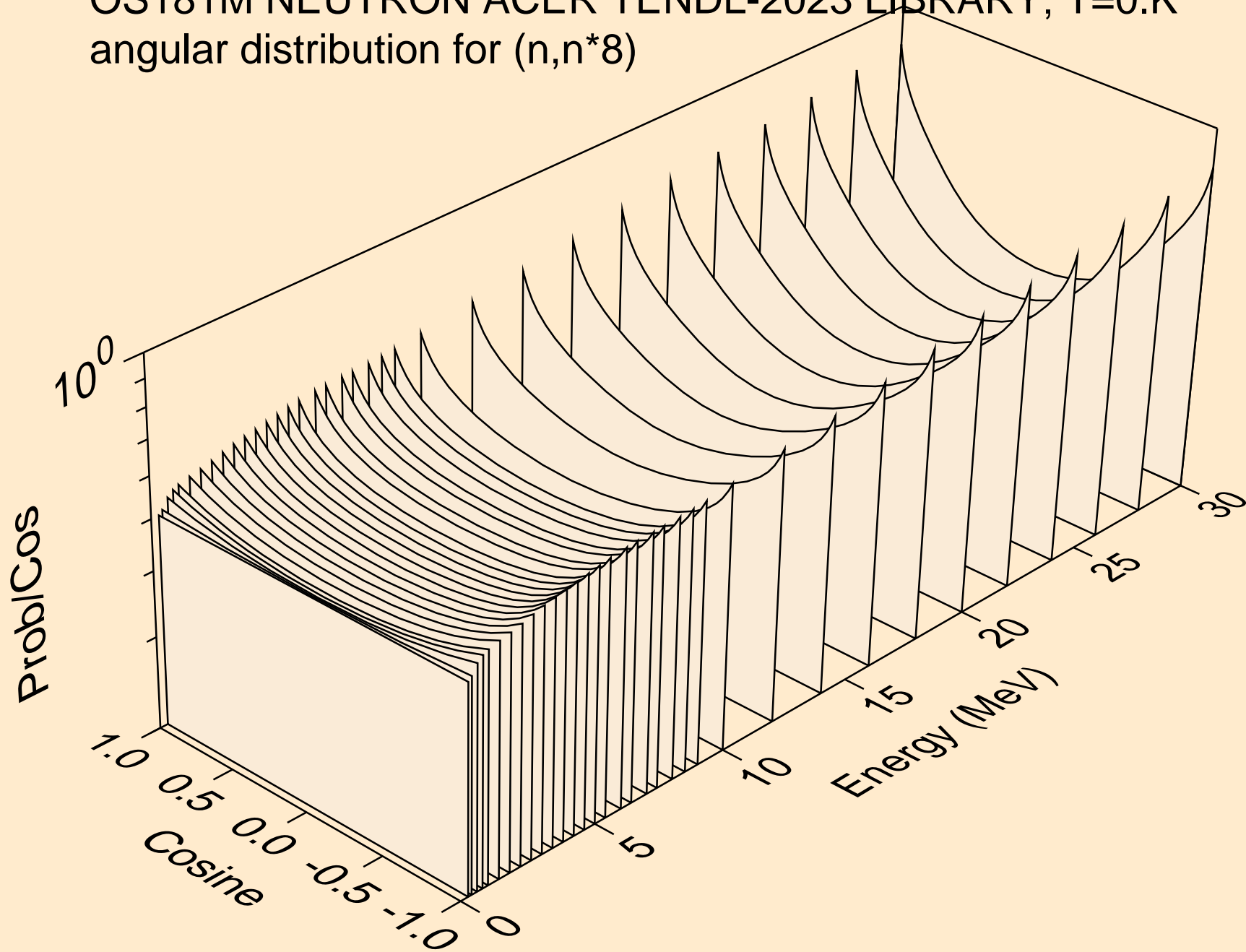
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



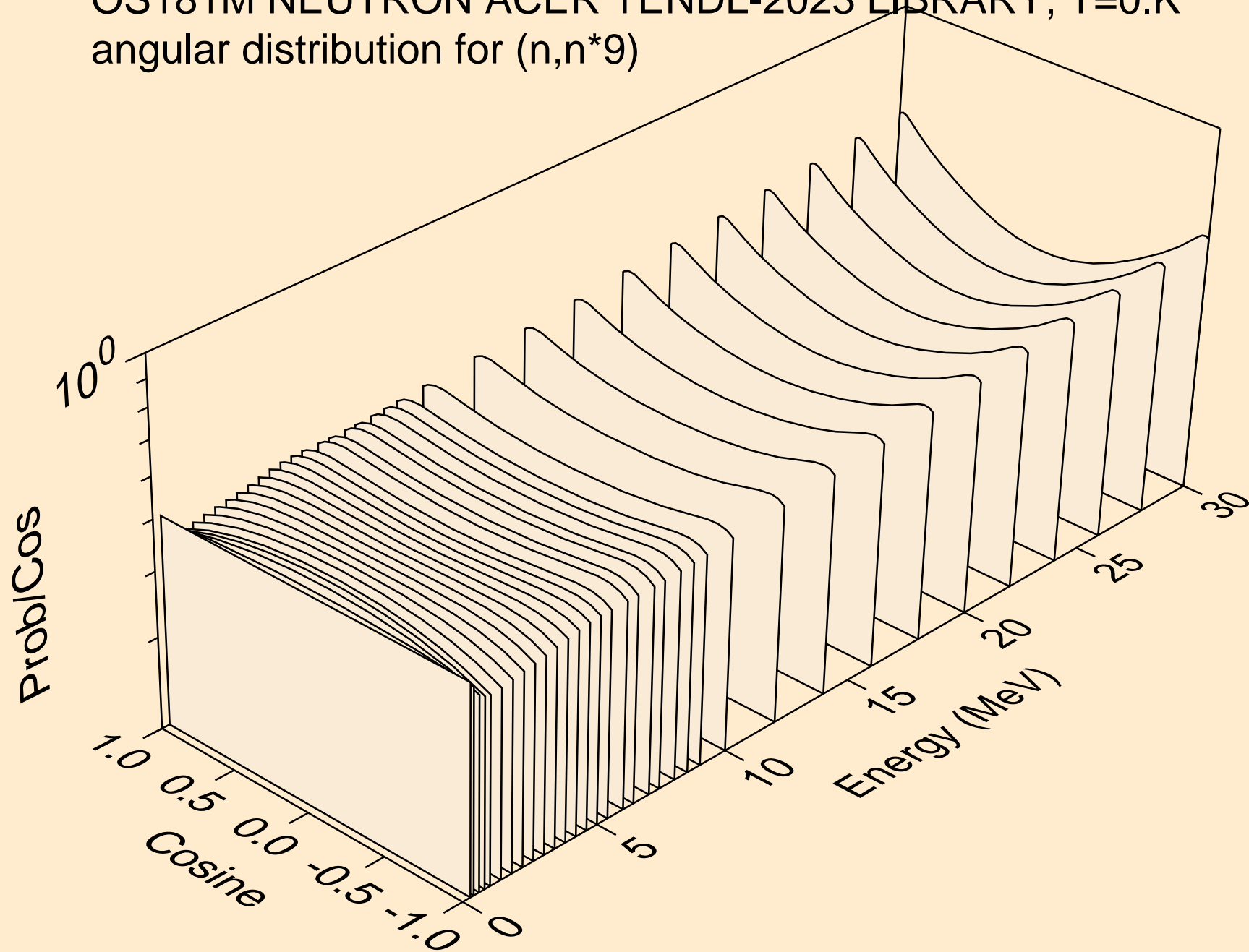
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



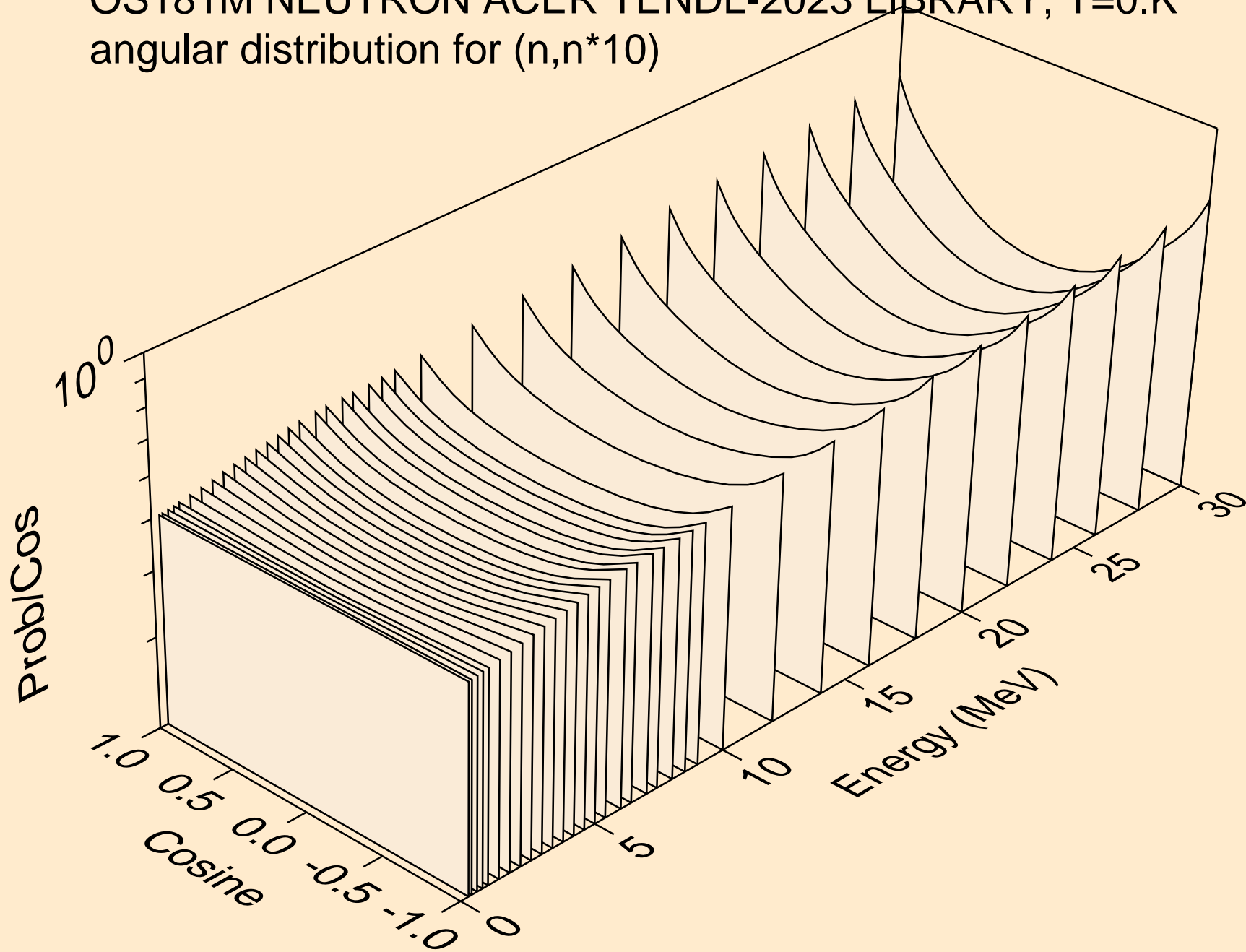
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



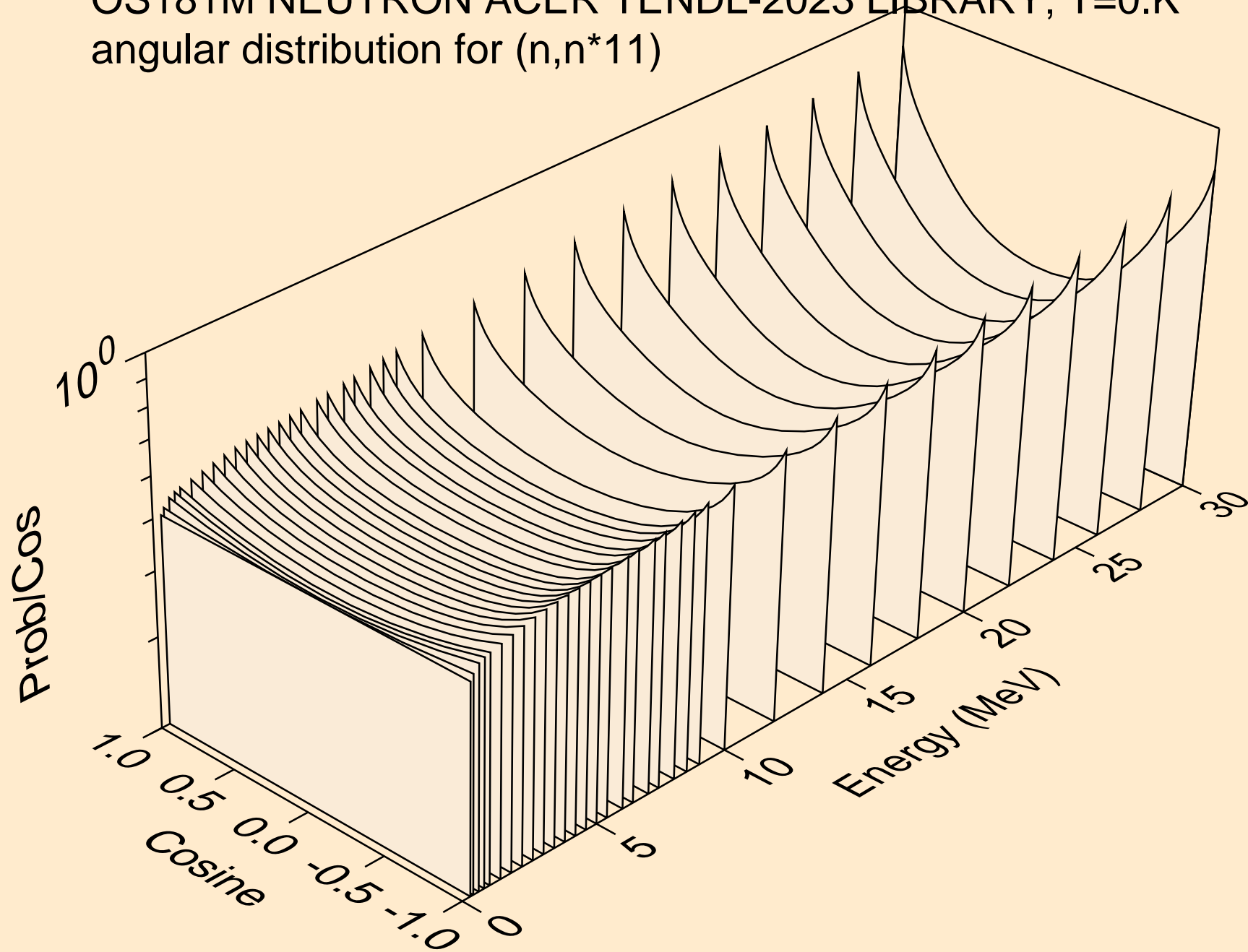
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

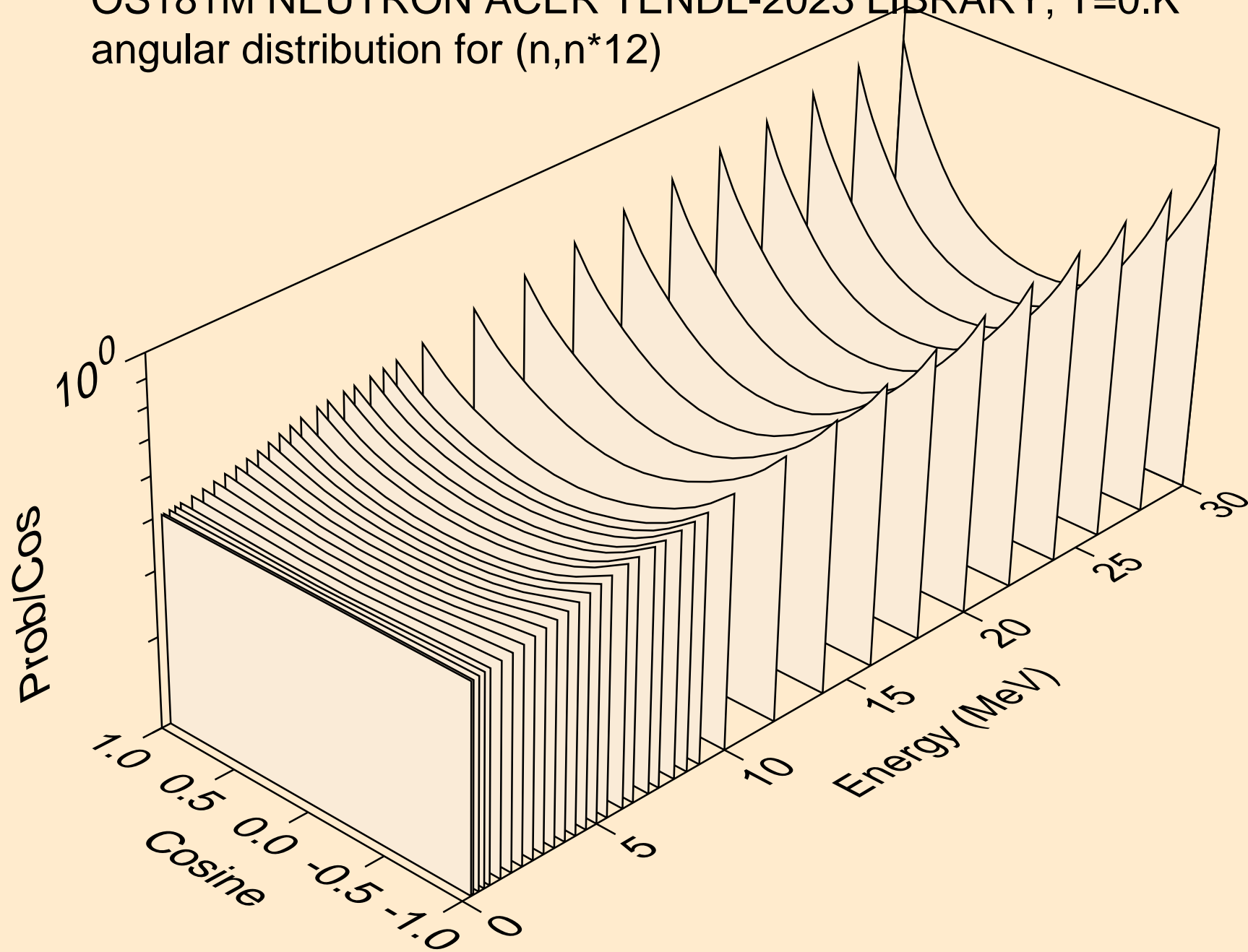


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

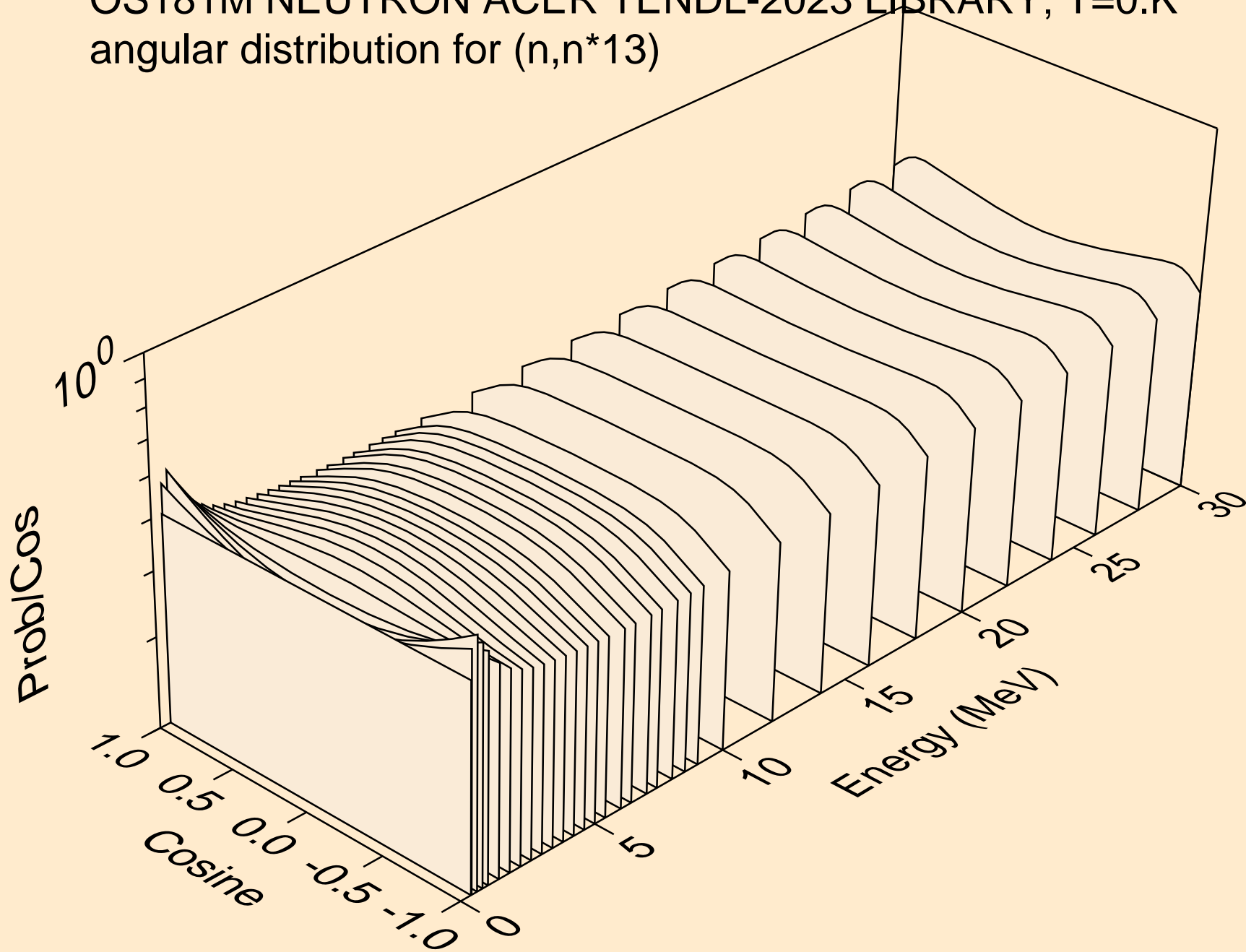




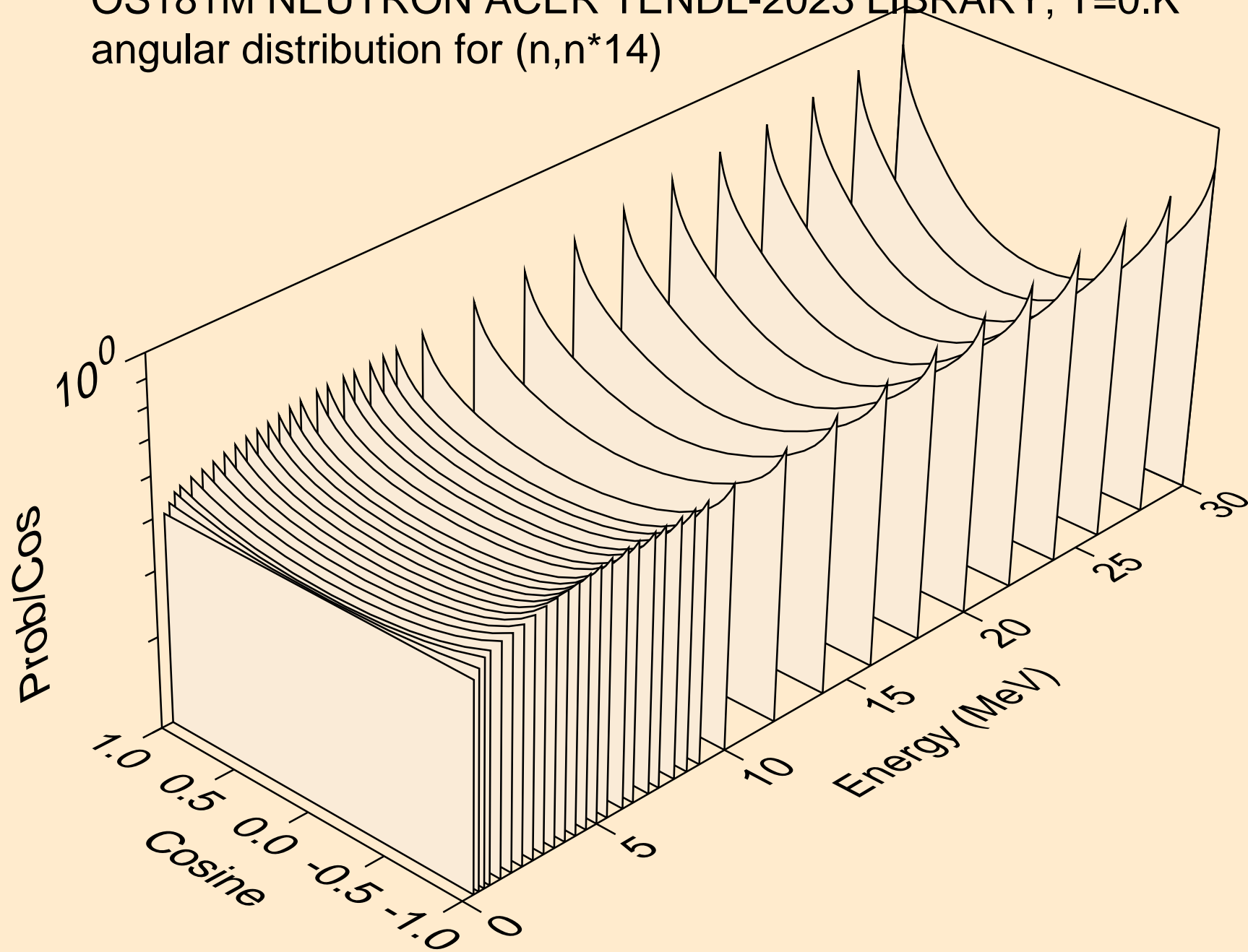
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



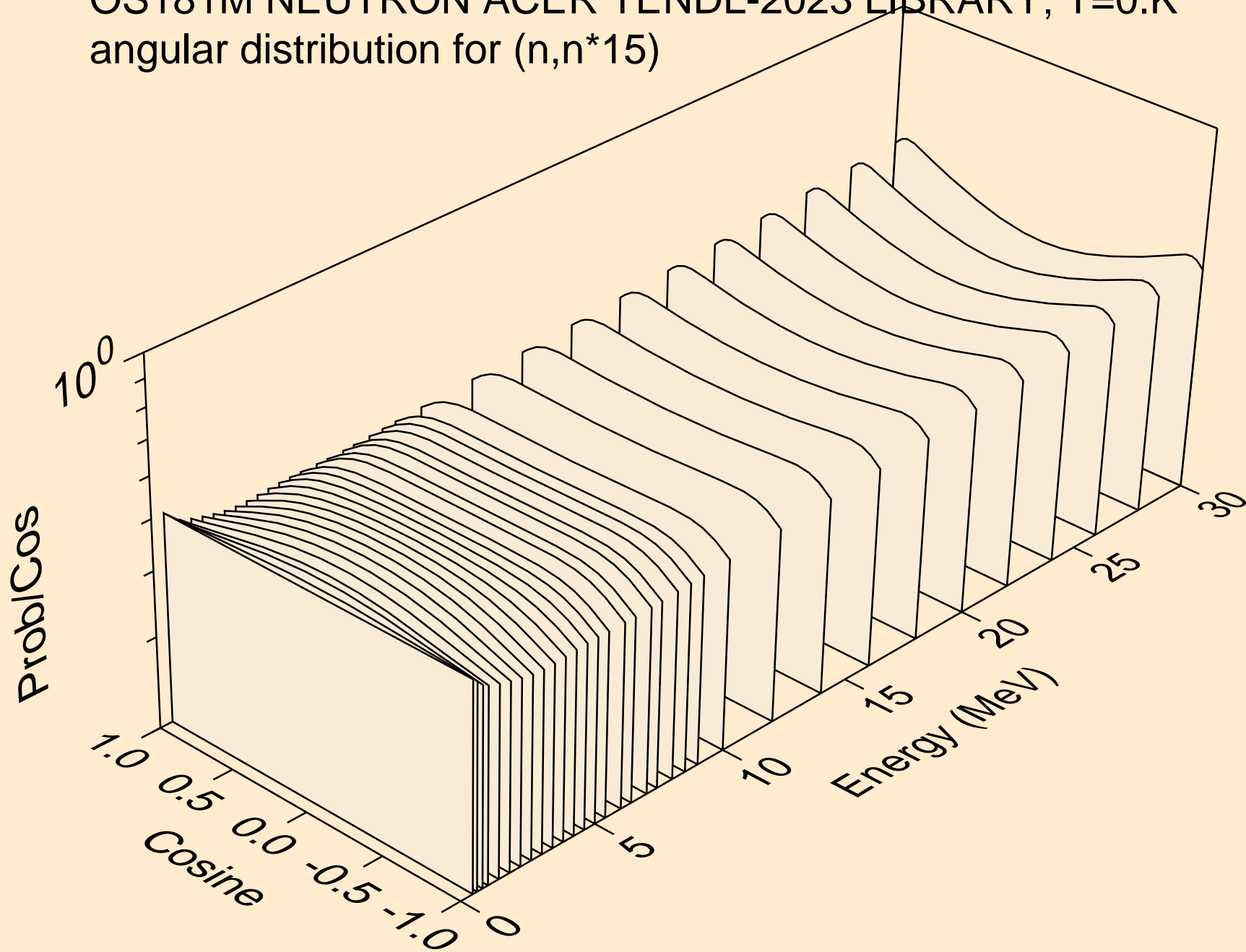
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



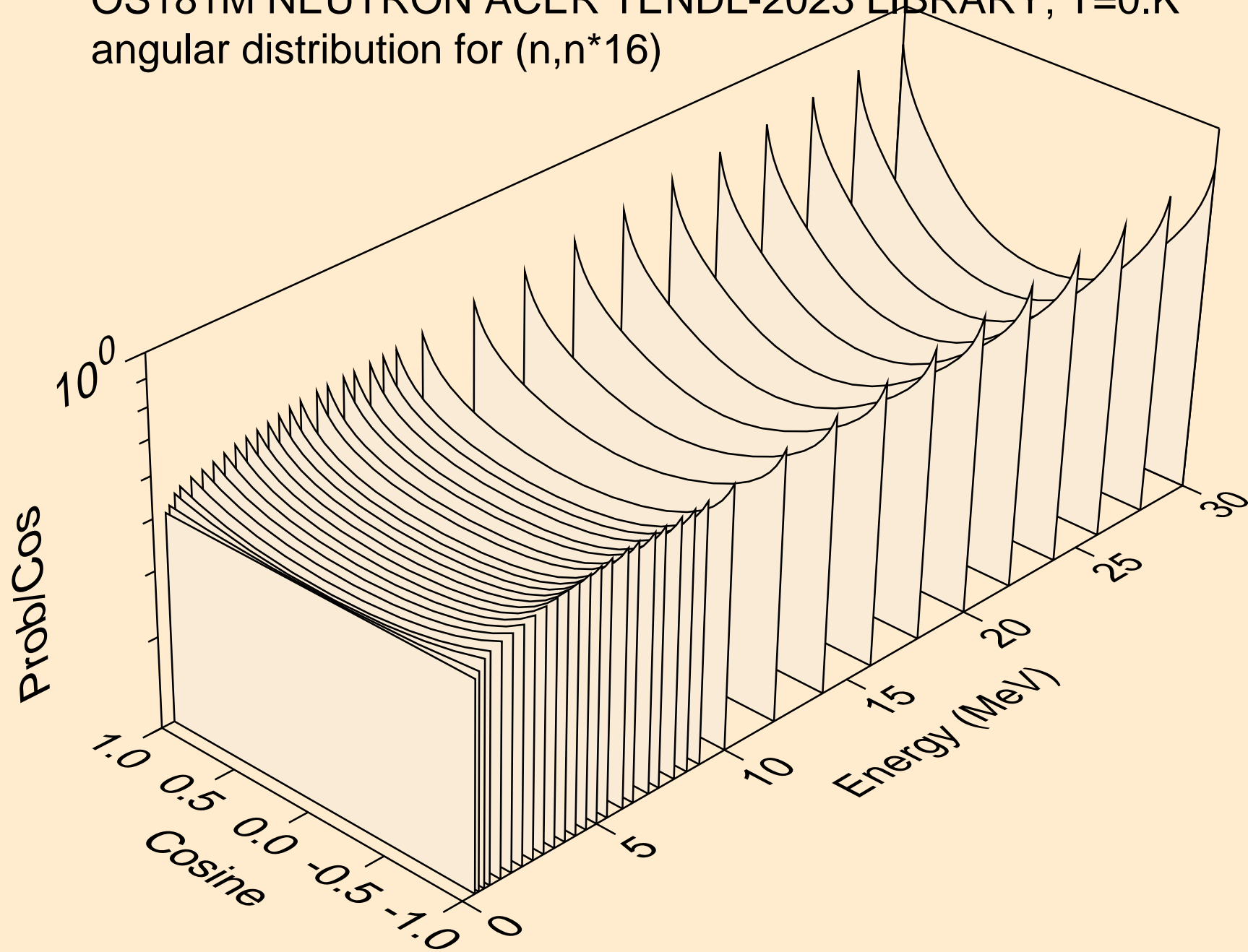
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



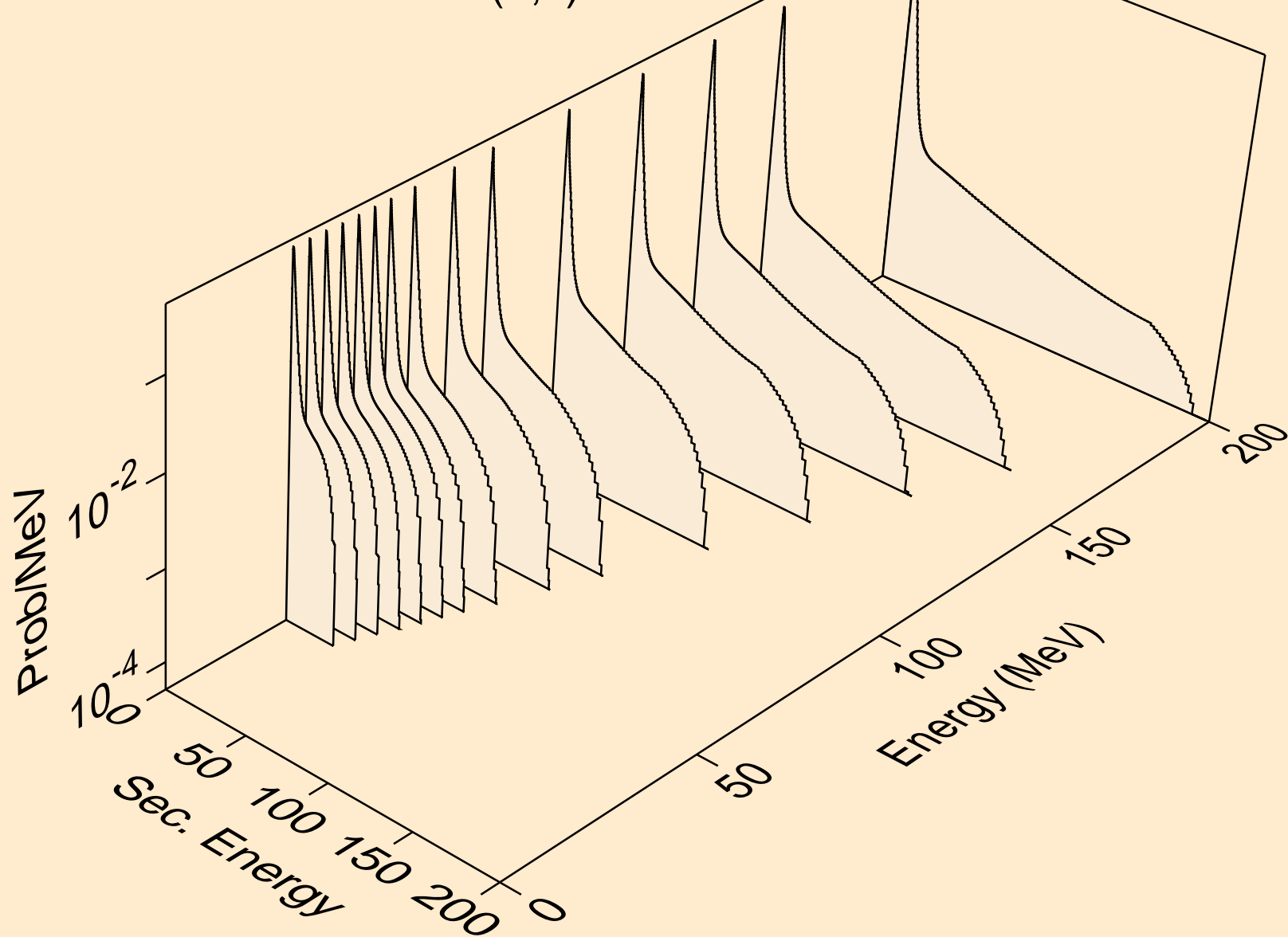
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



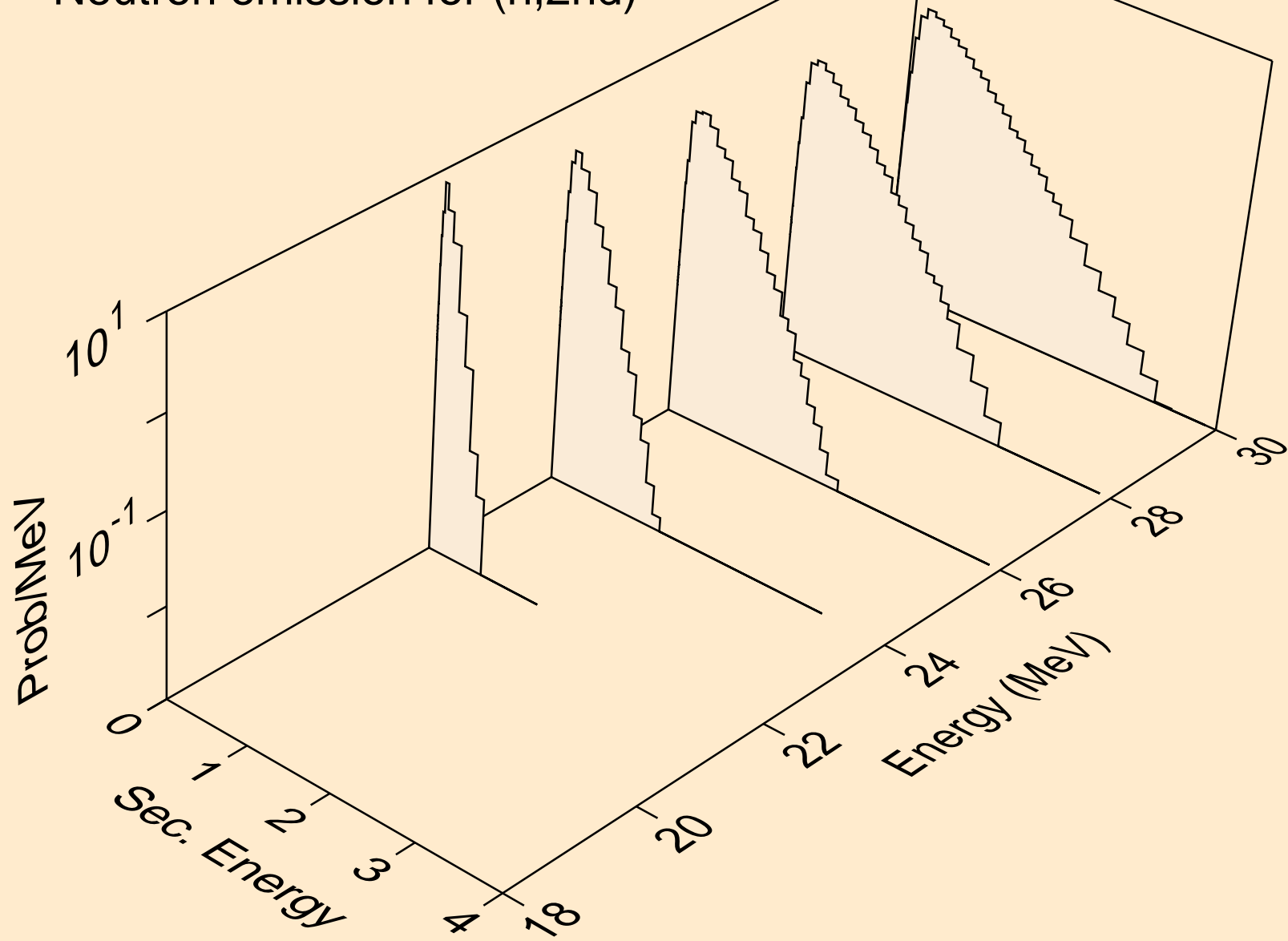
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



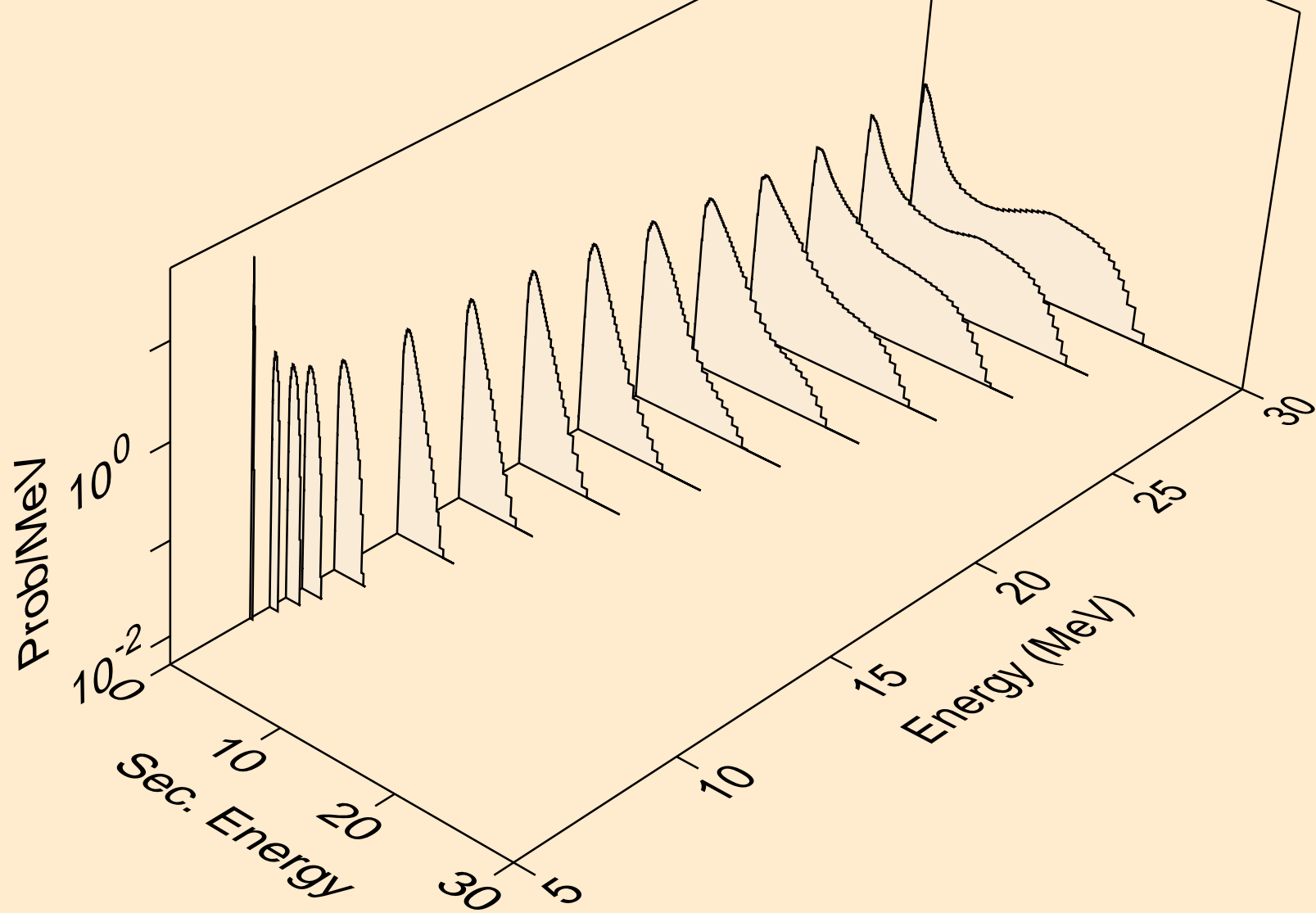
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

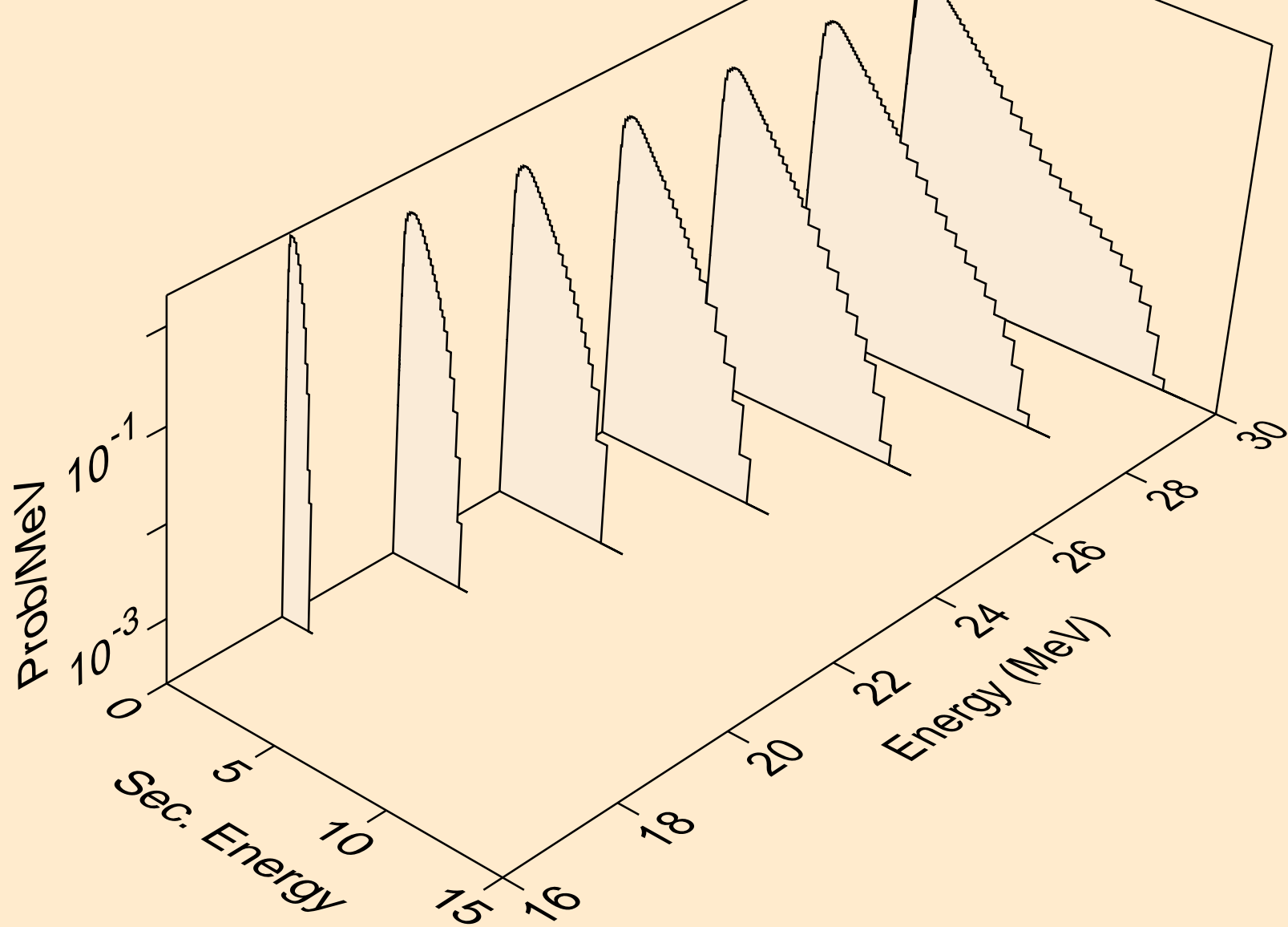


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

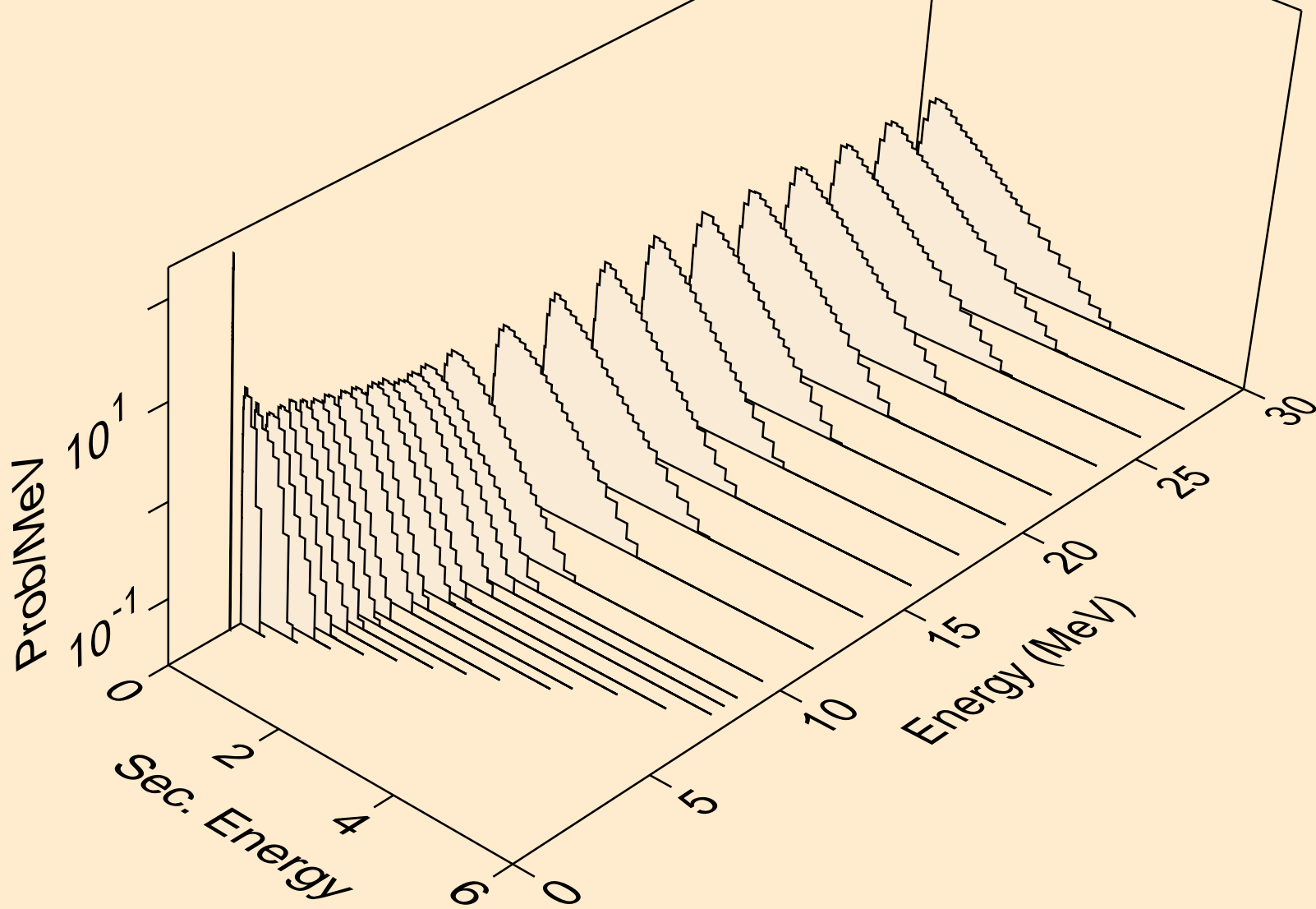




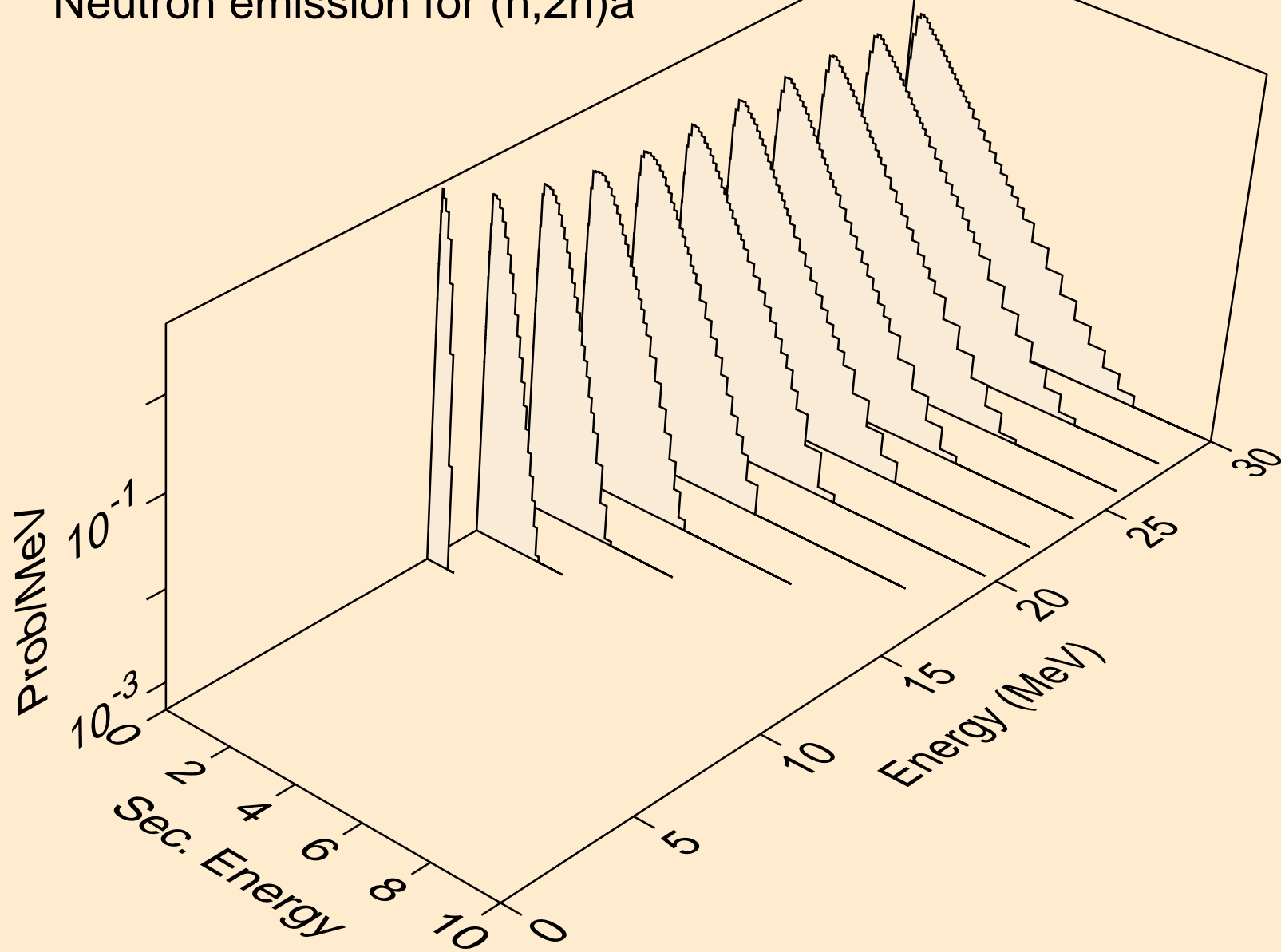
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



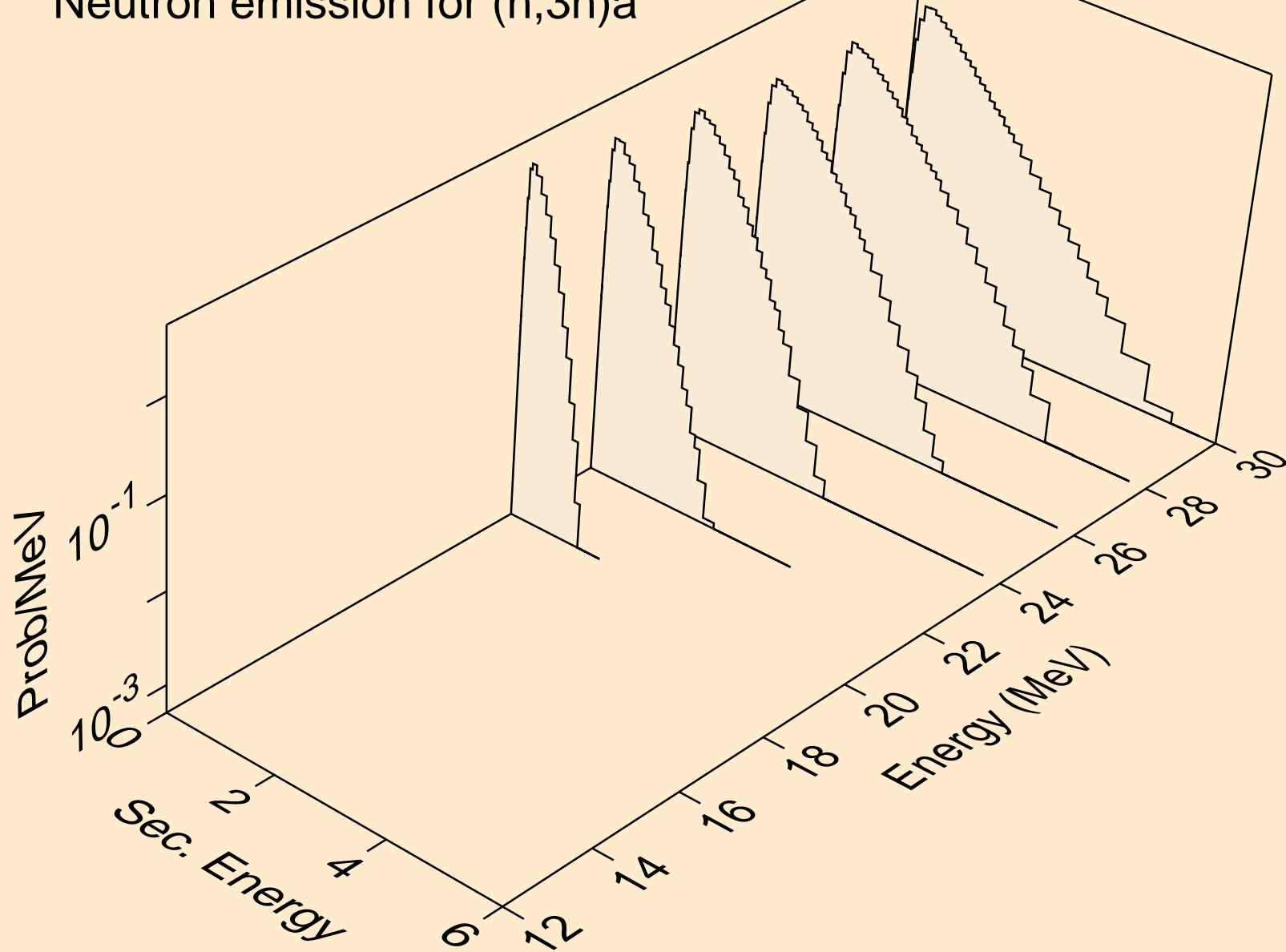
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



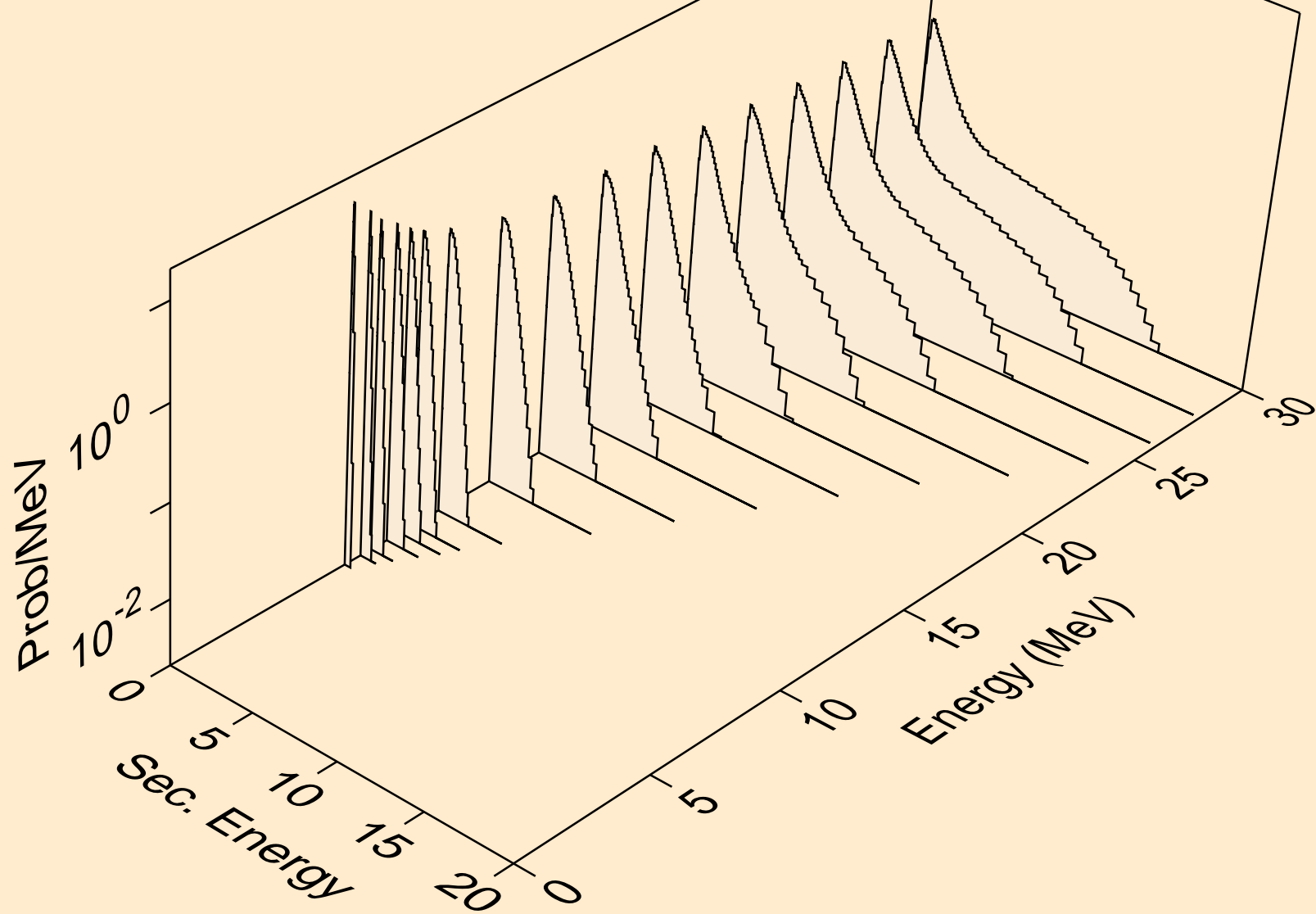
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



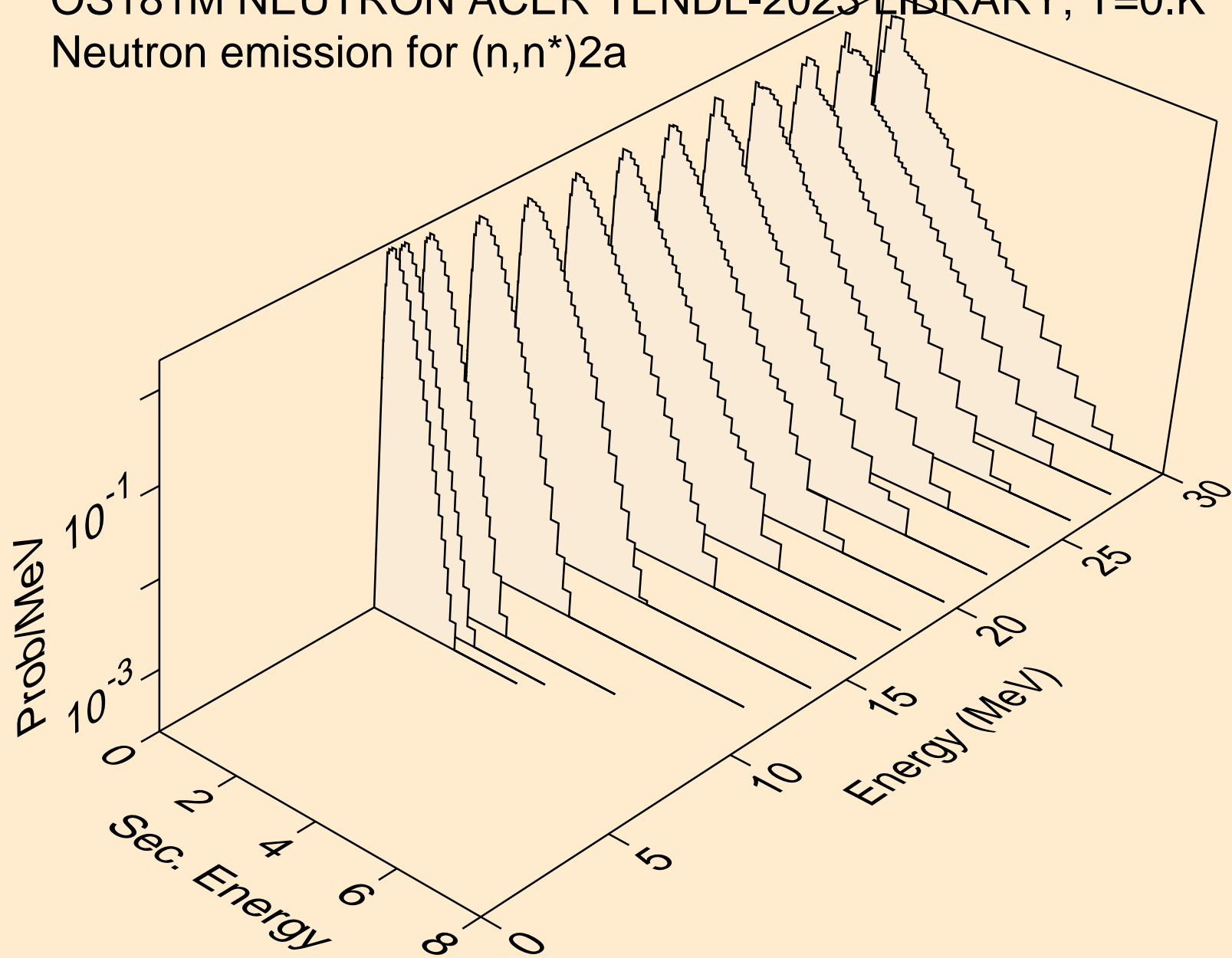
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



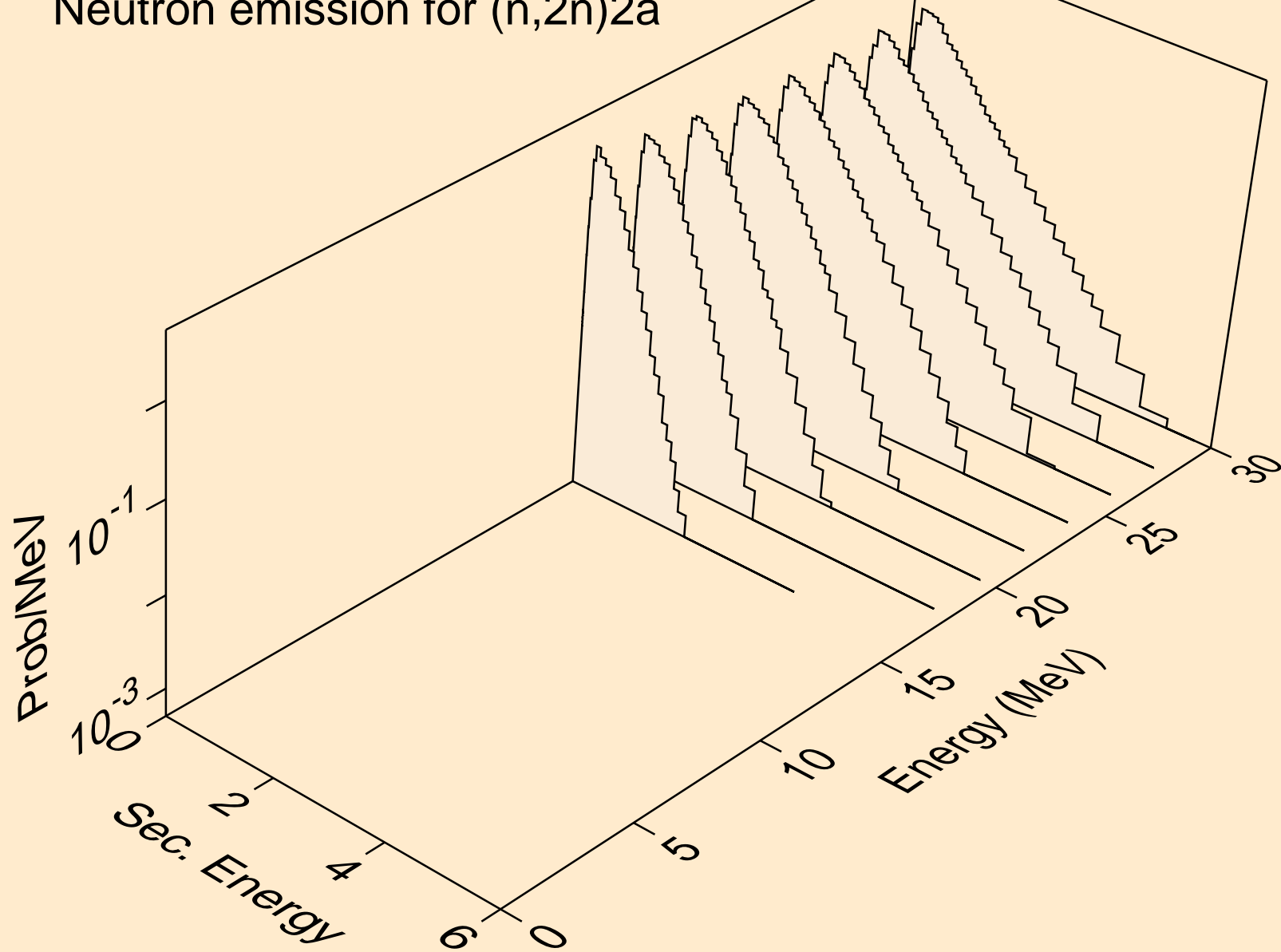
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



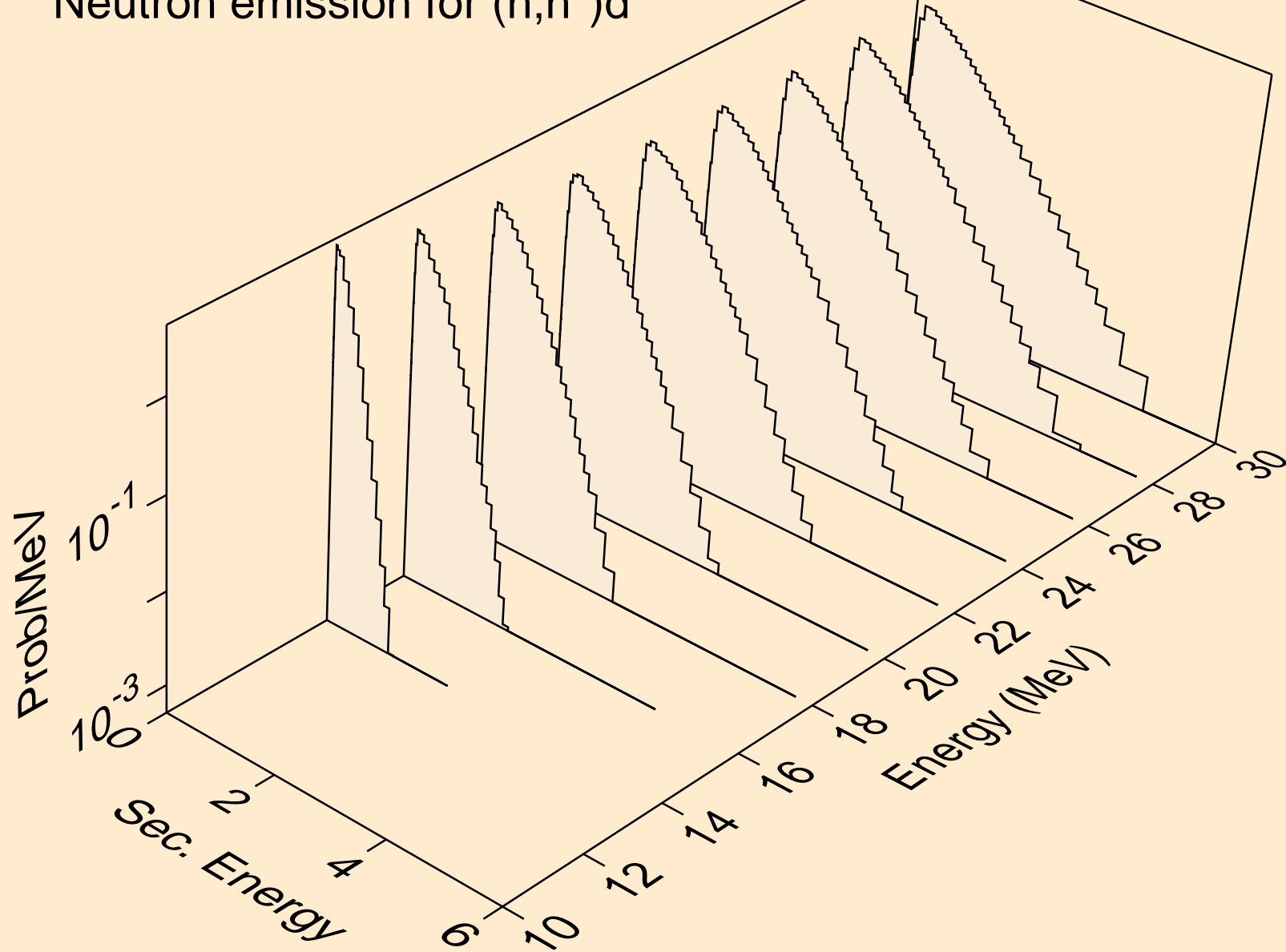
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

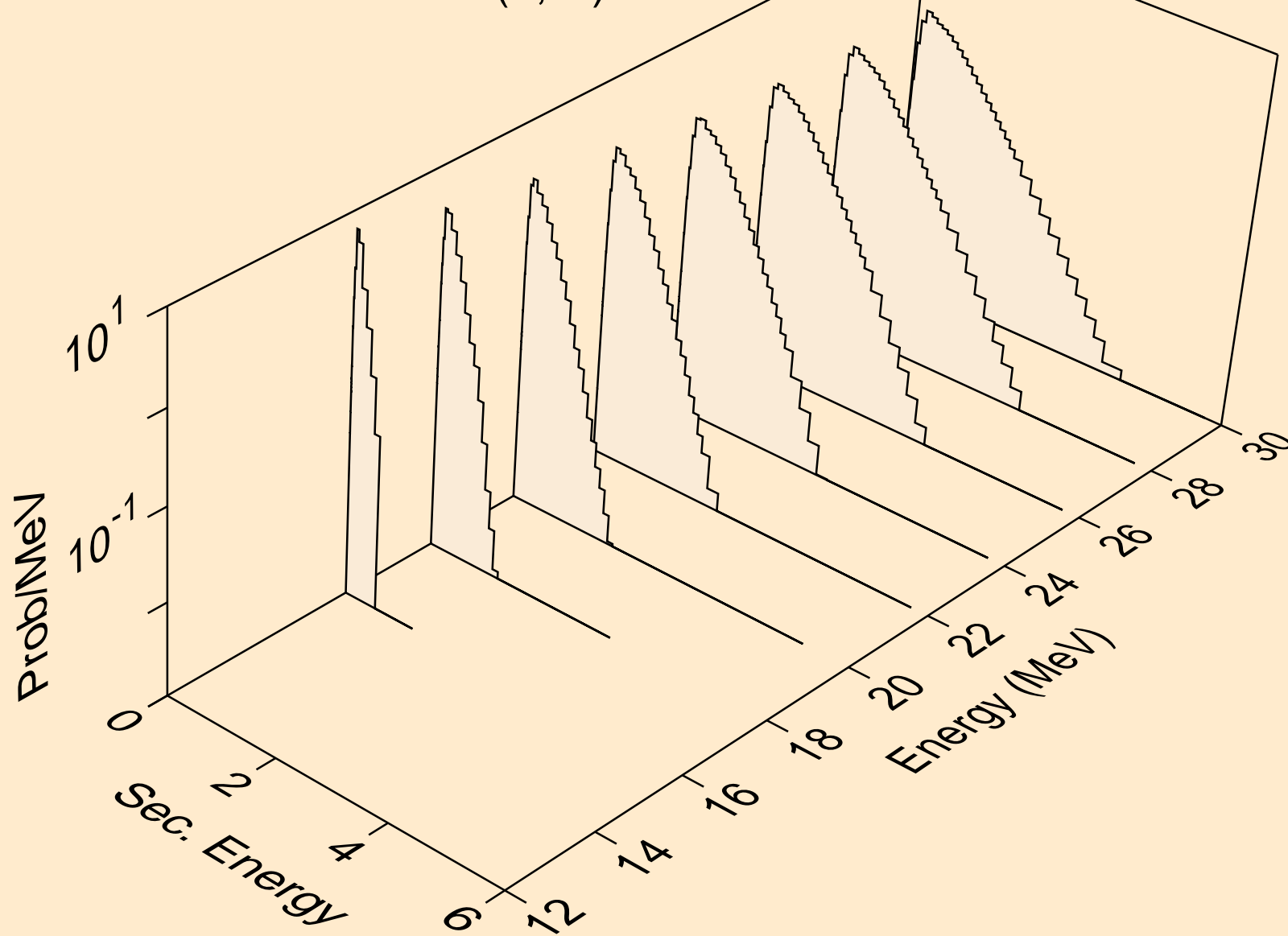


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

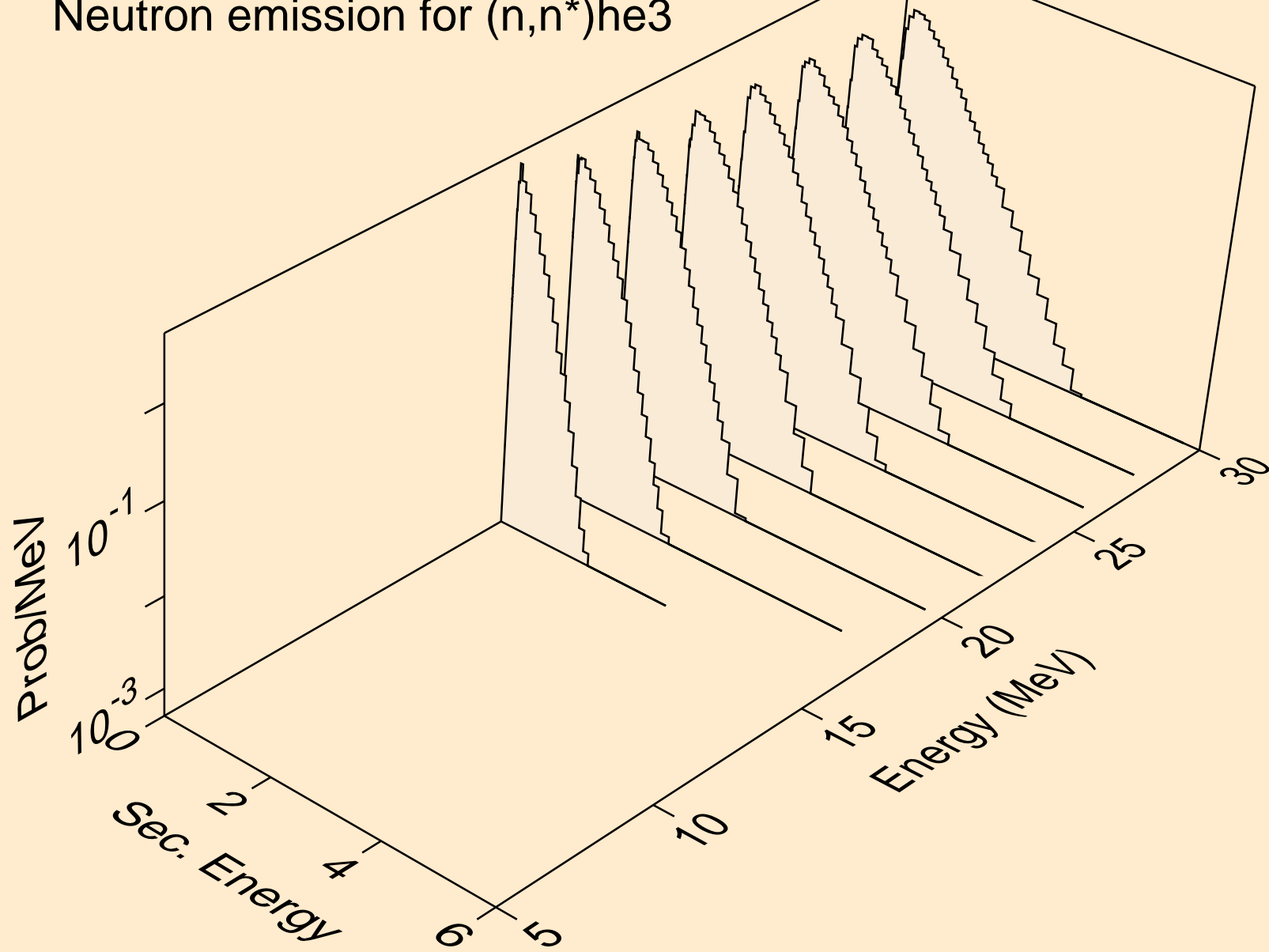




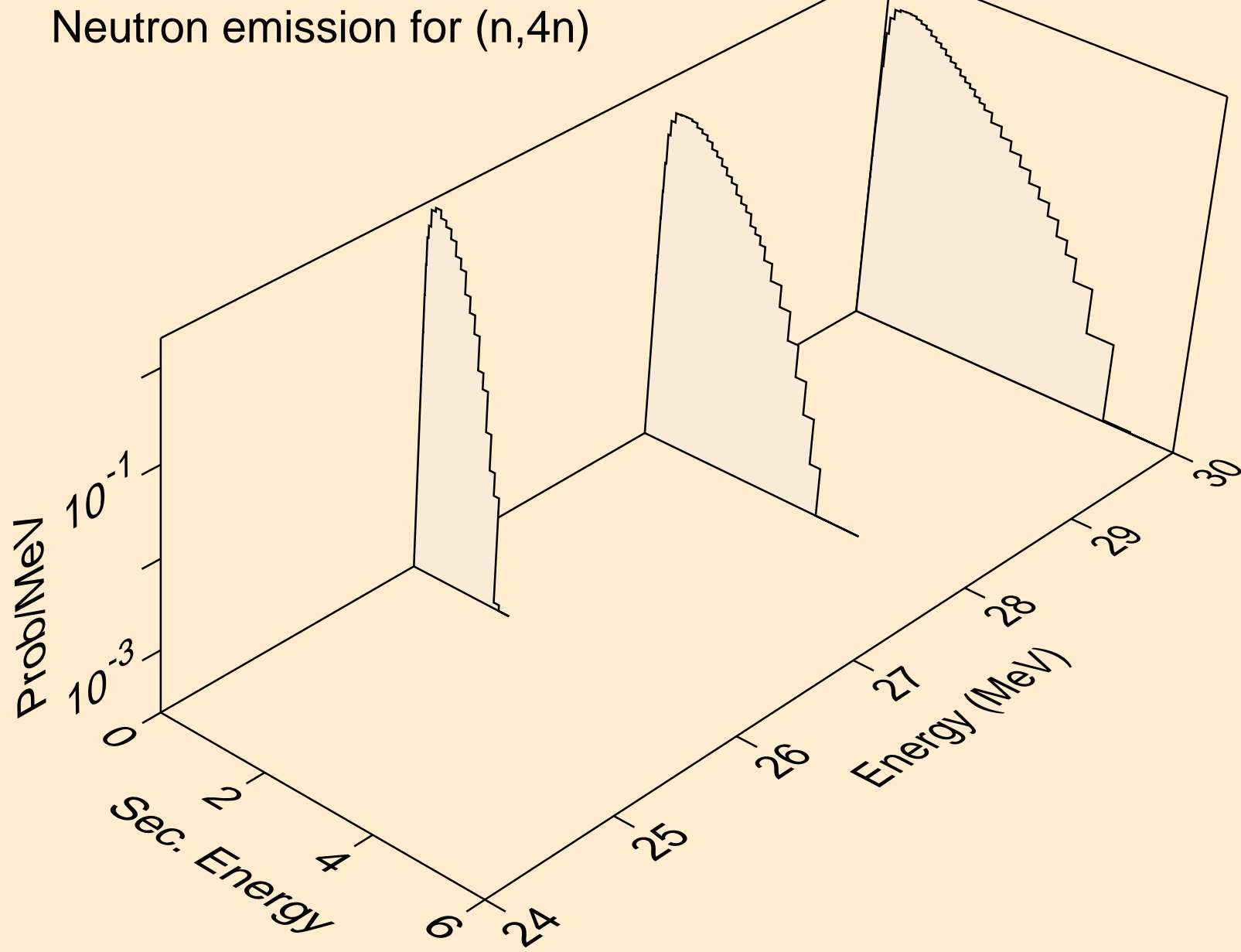
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



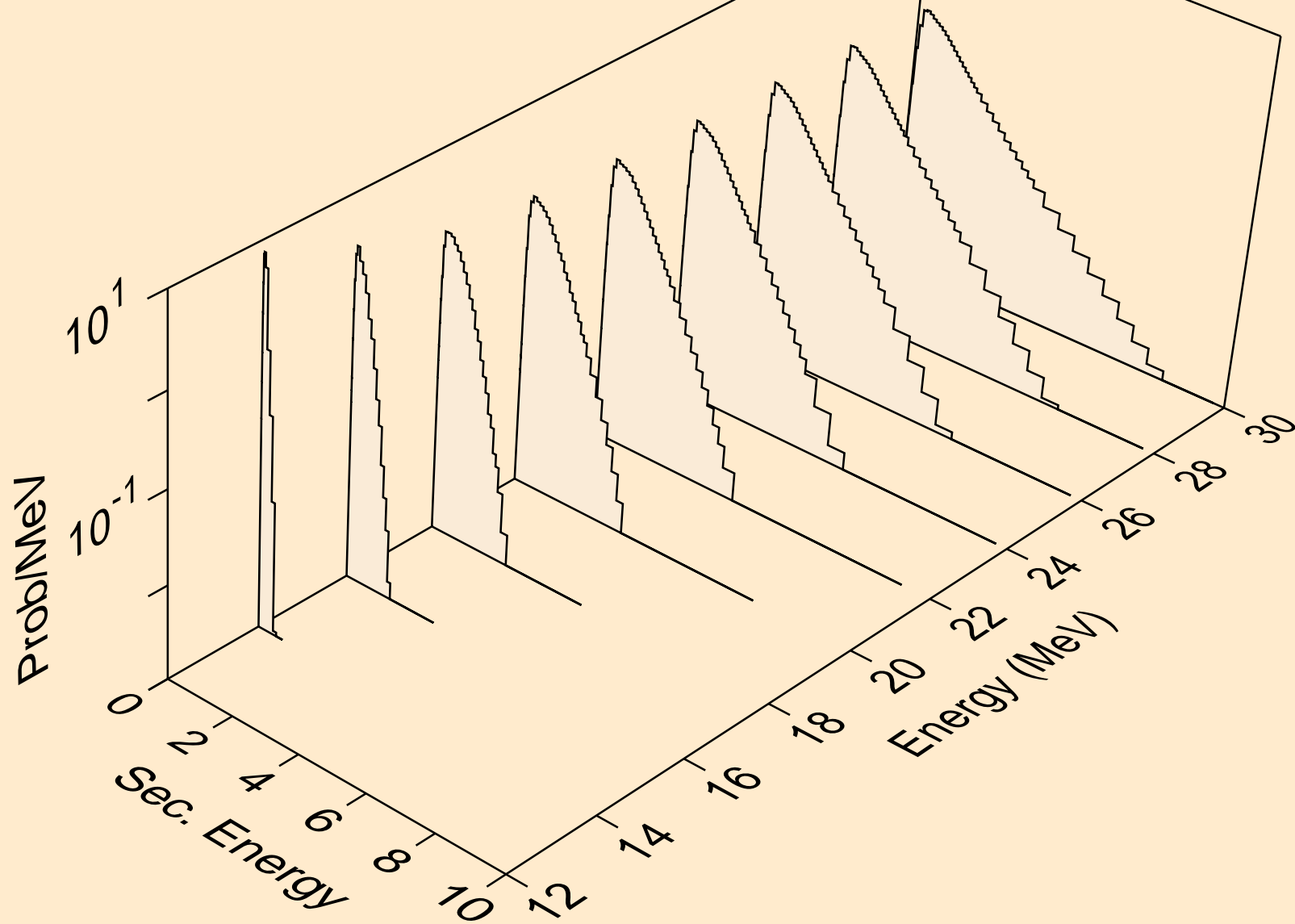
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



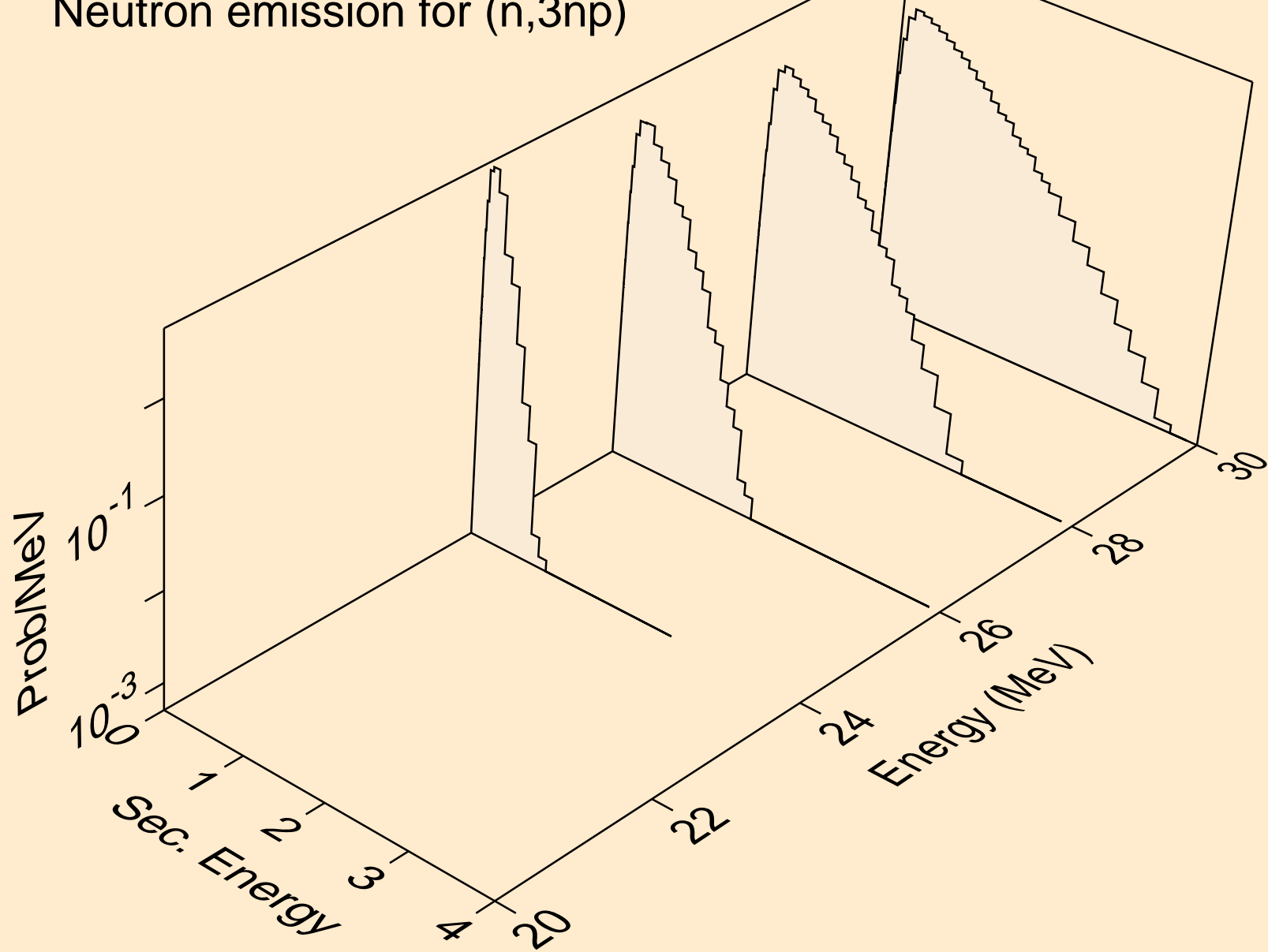
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



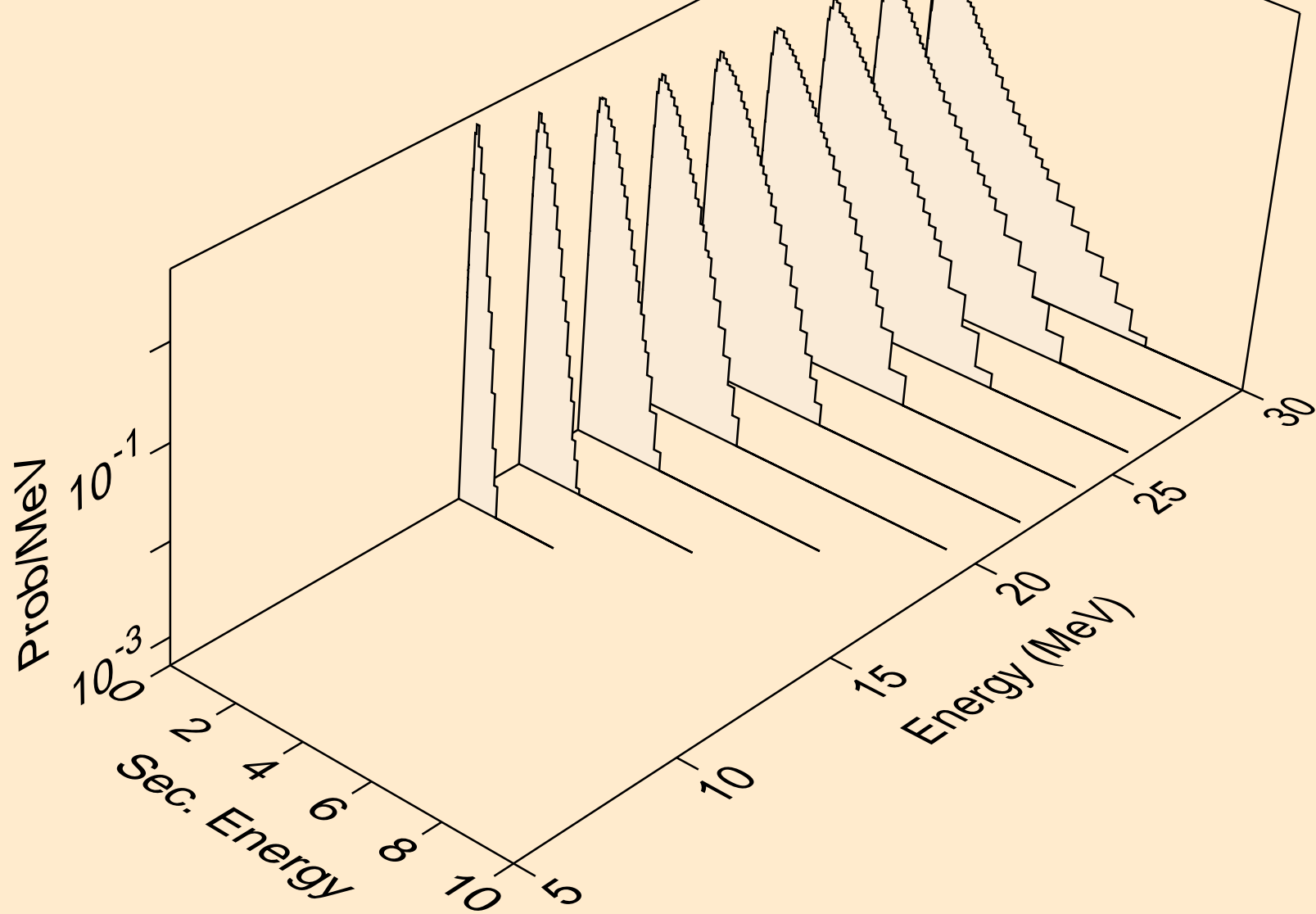
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



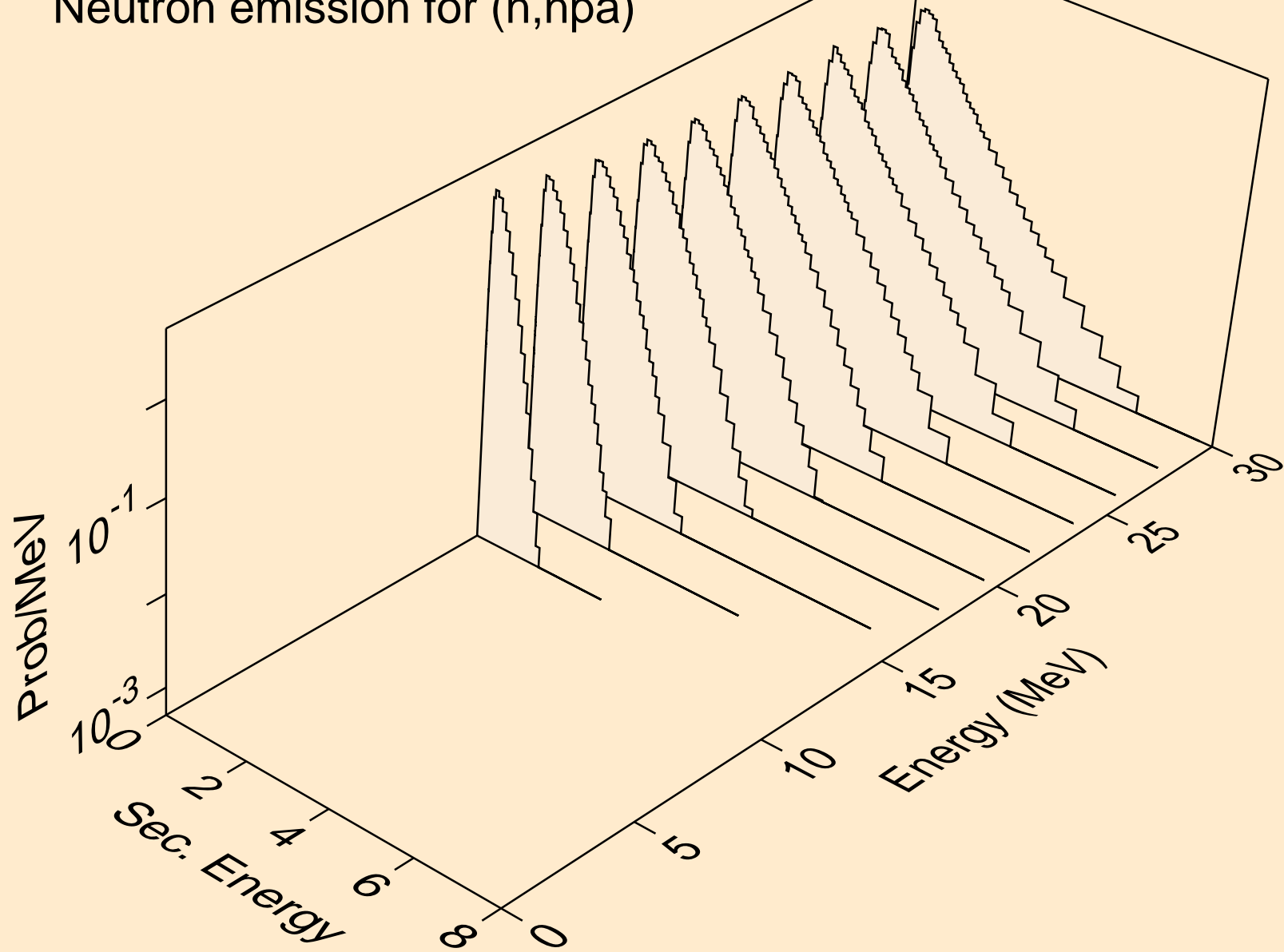
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



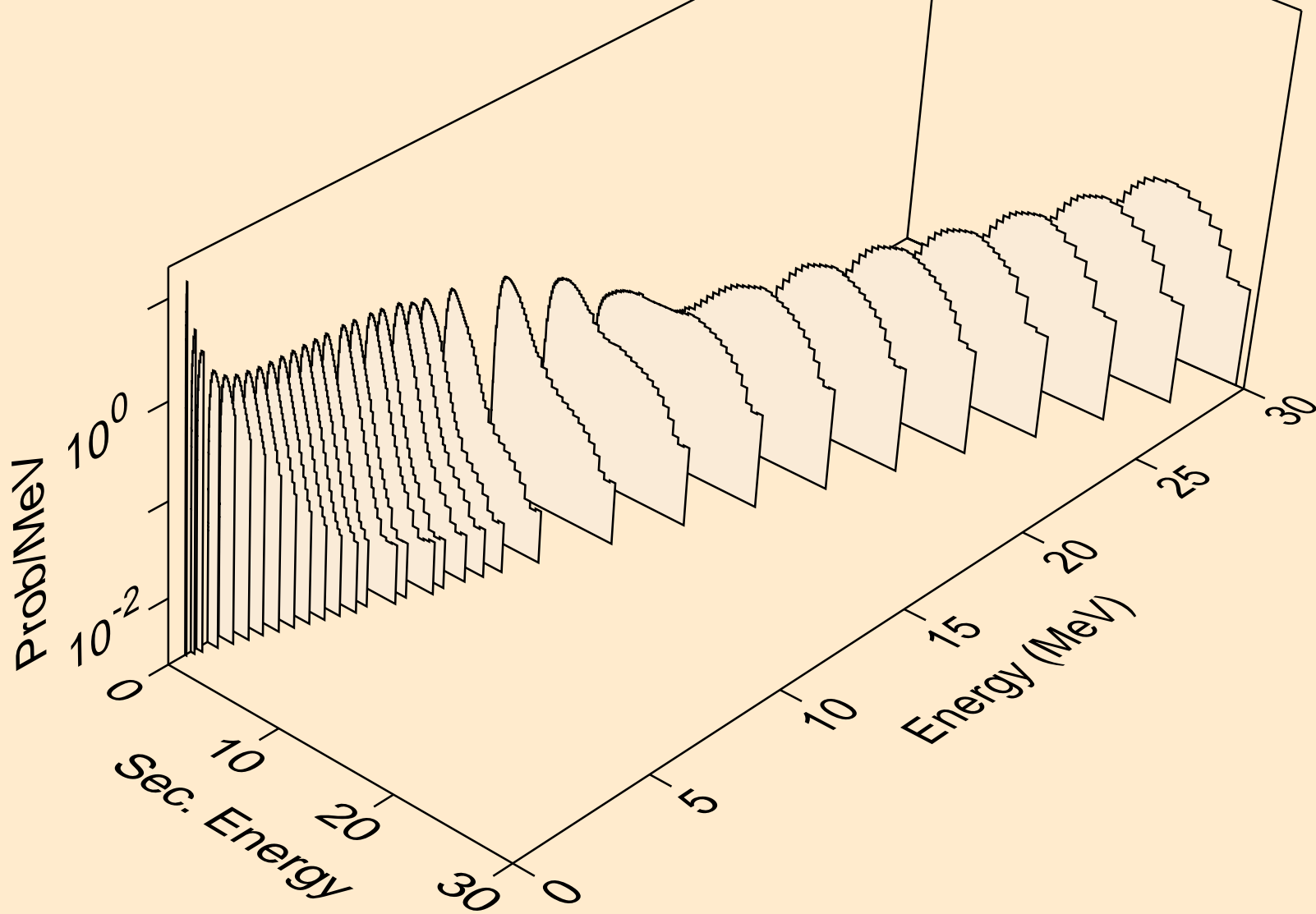
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)

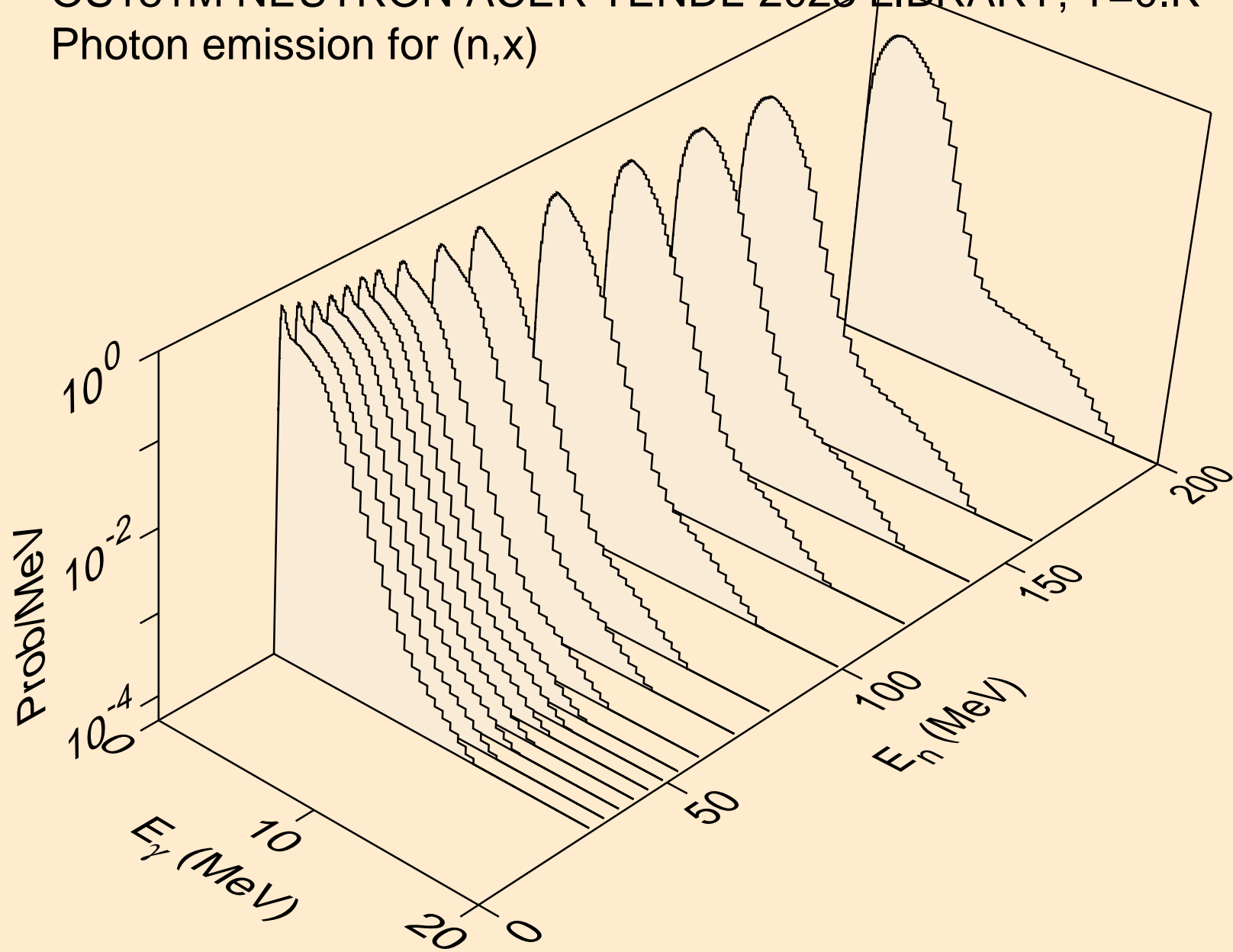


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

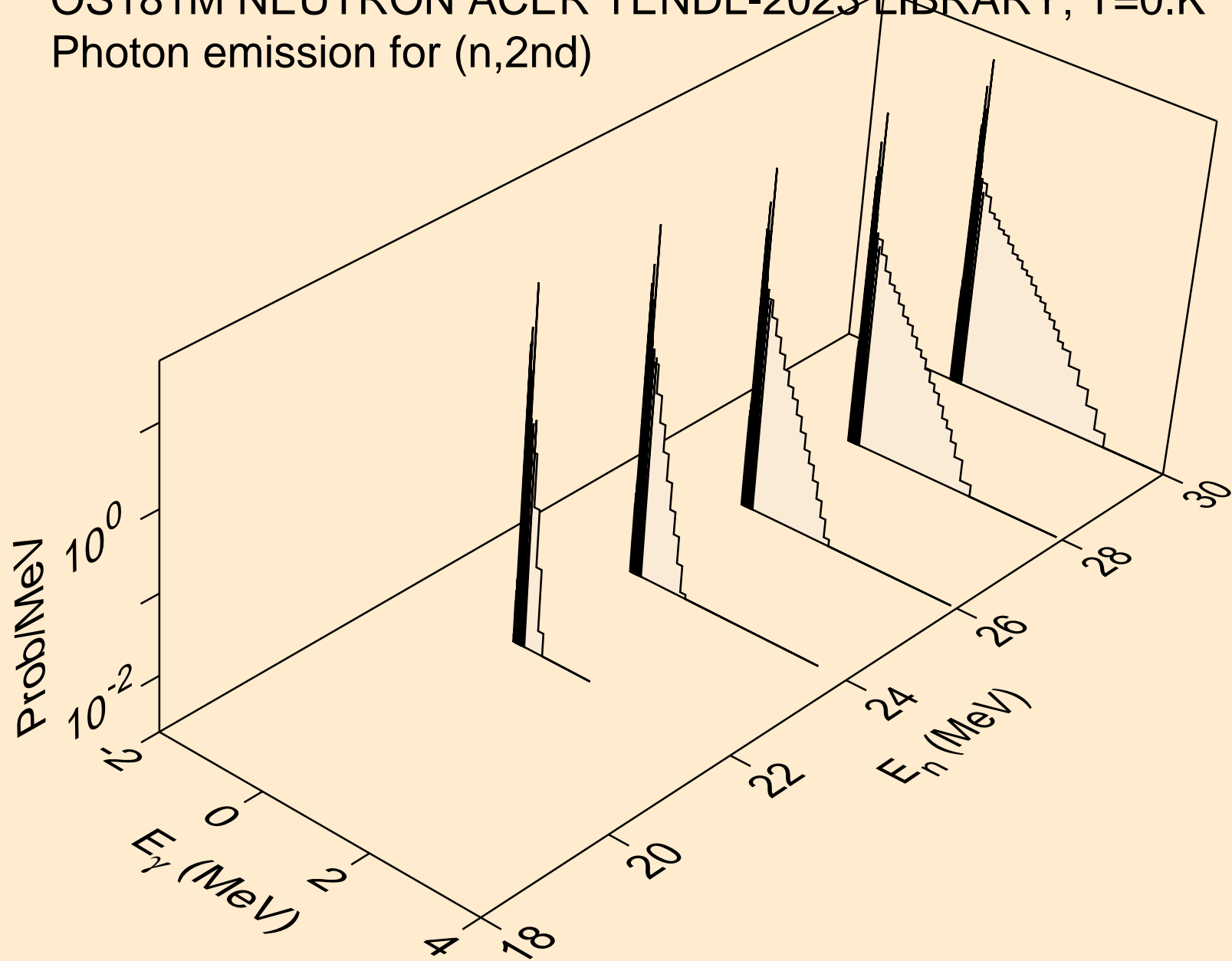




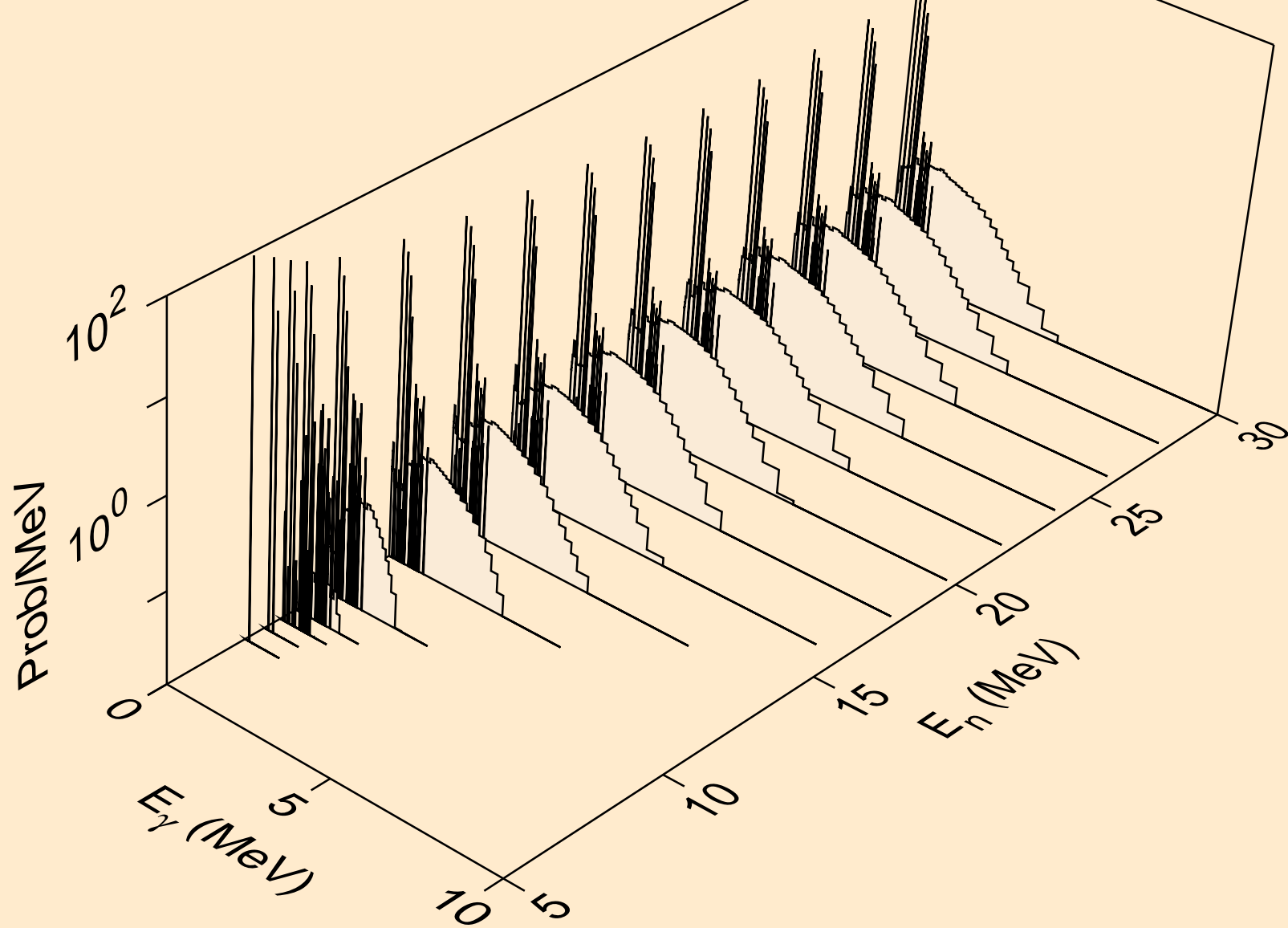
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



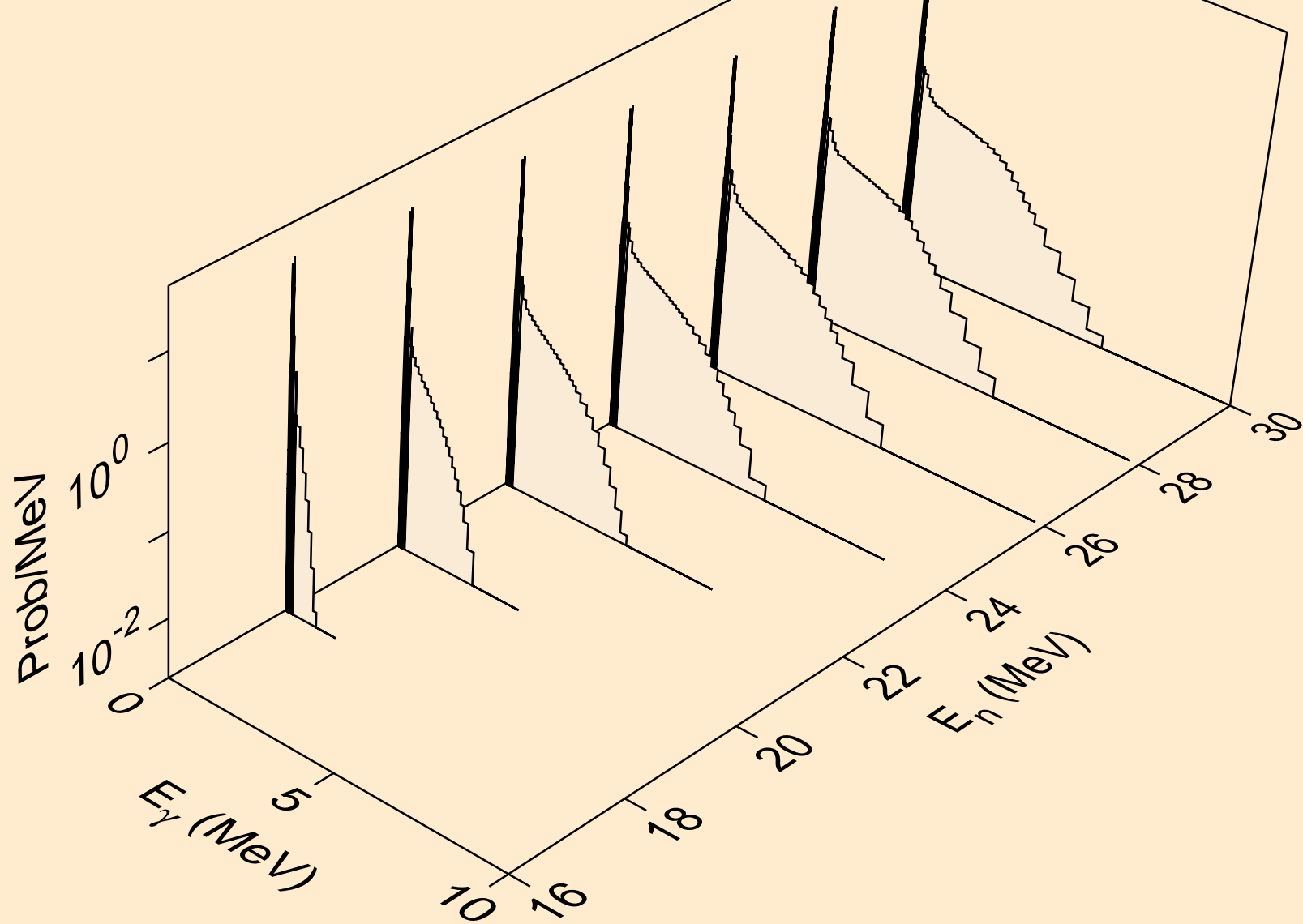
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



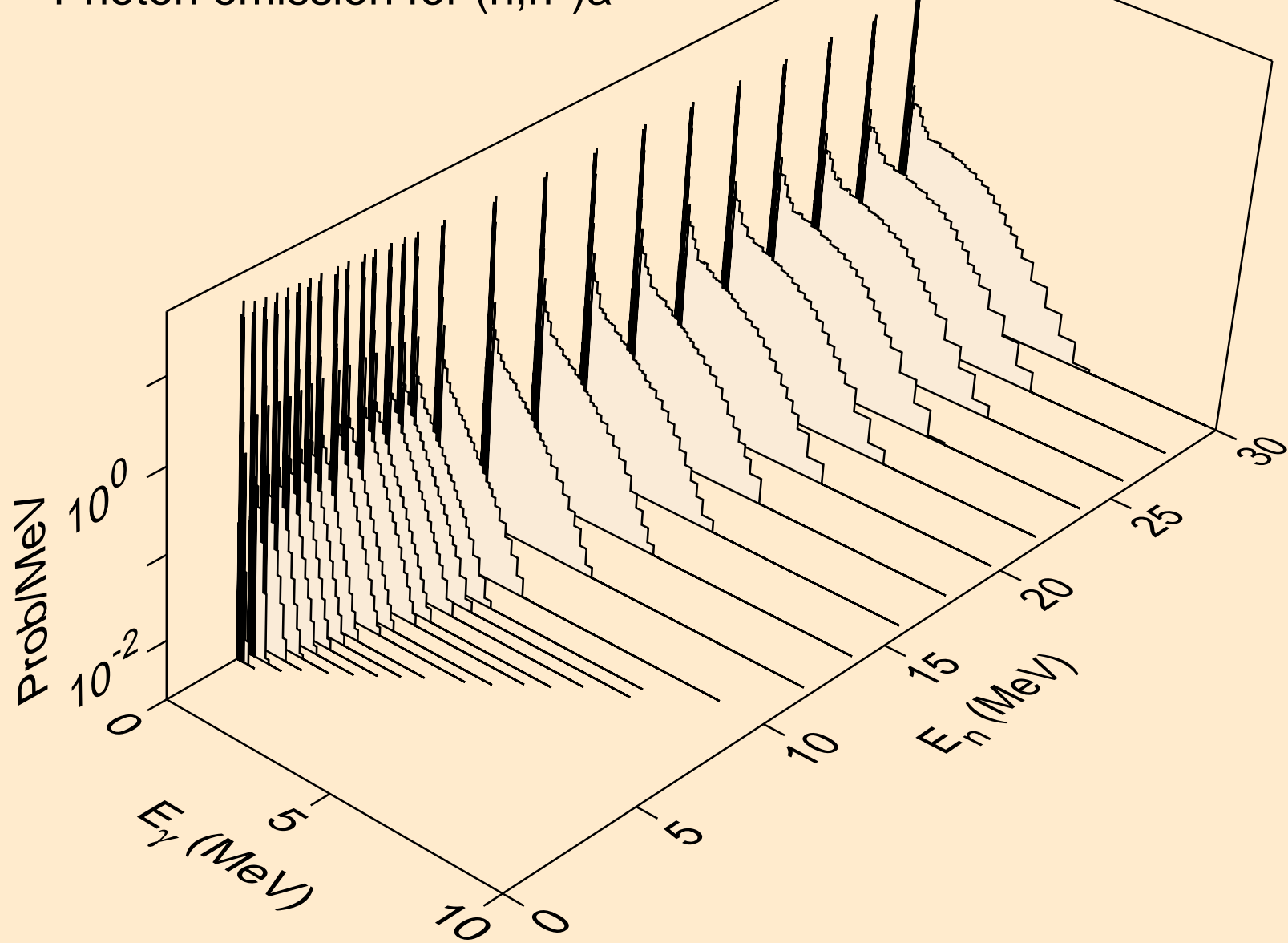
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



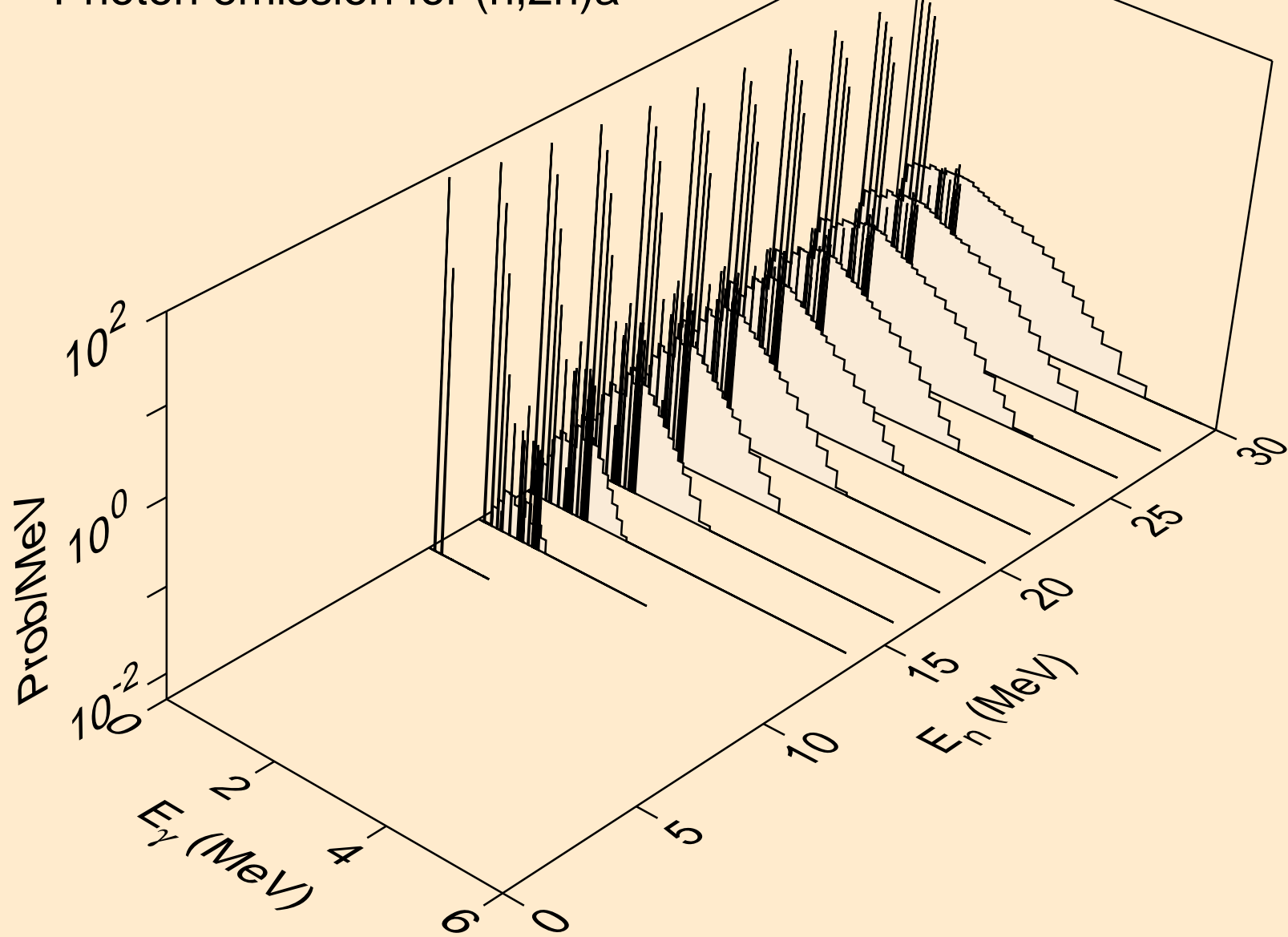
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



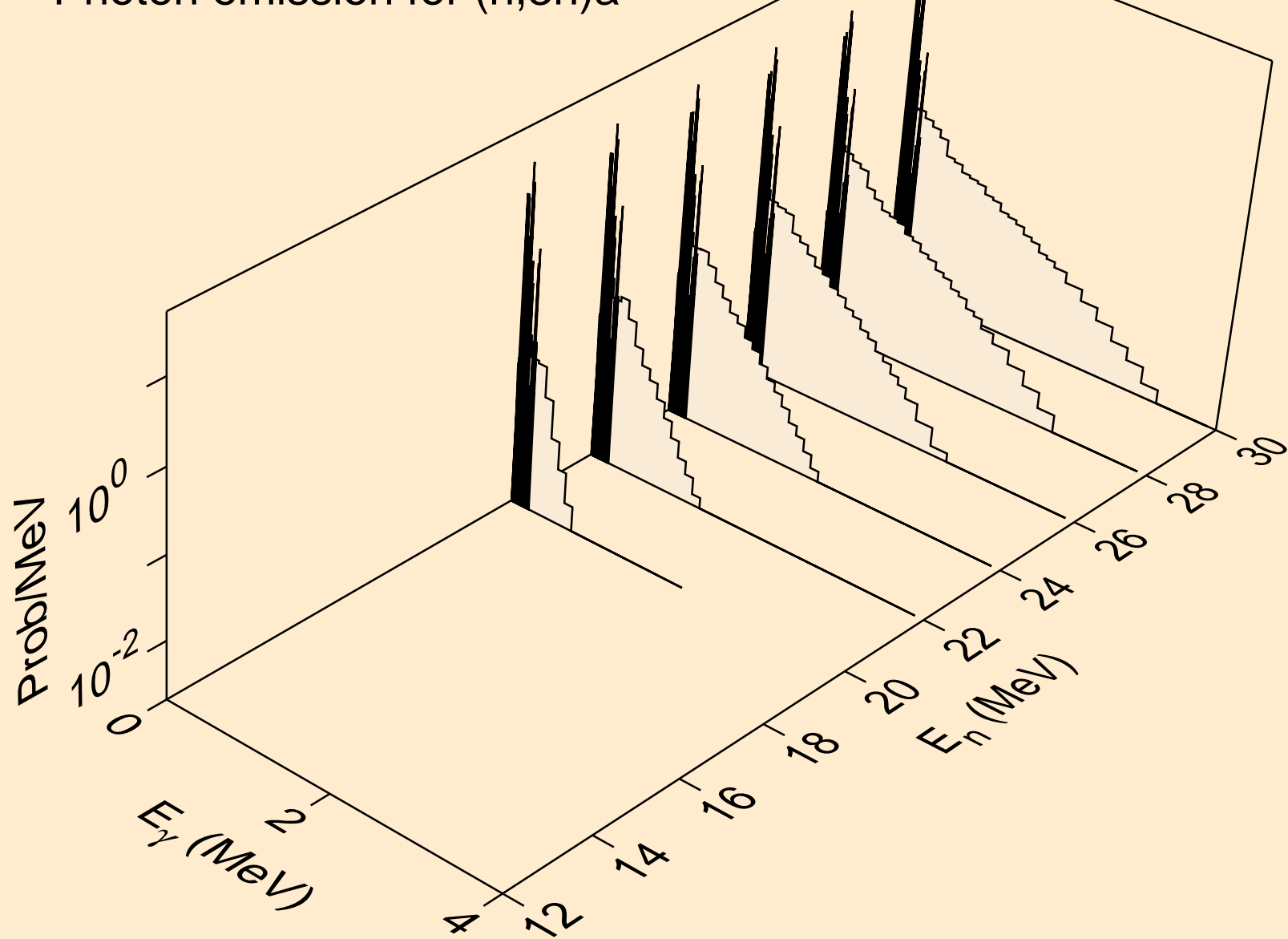
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



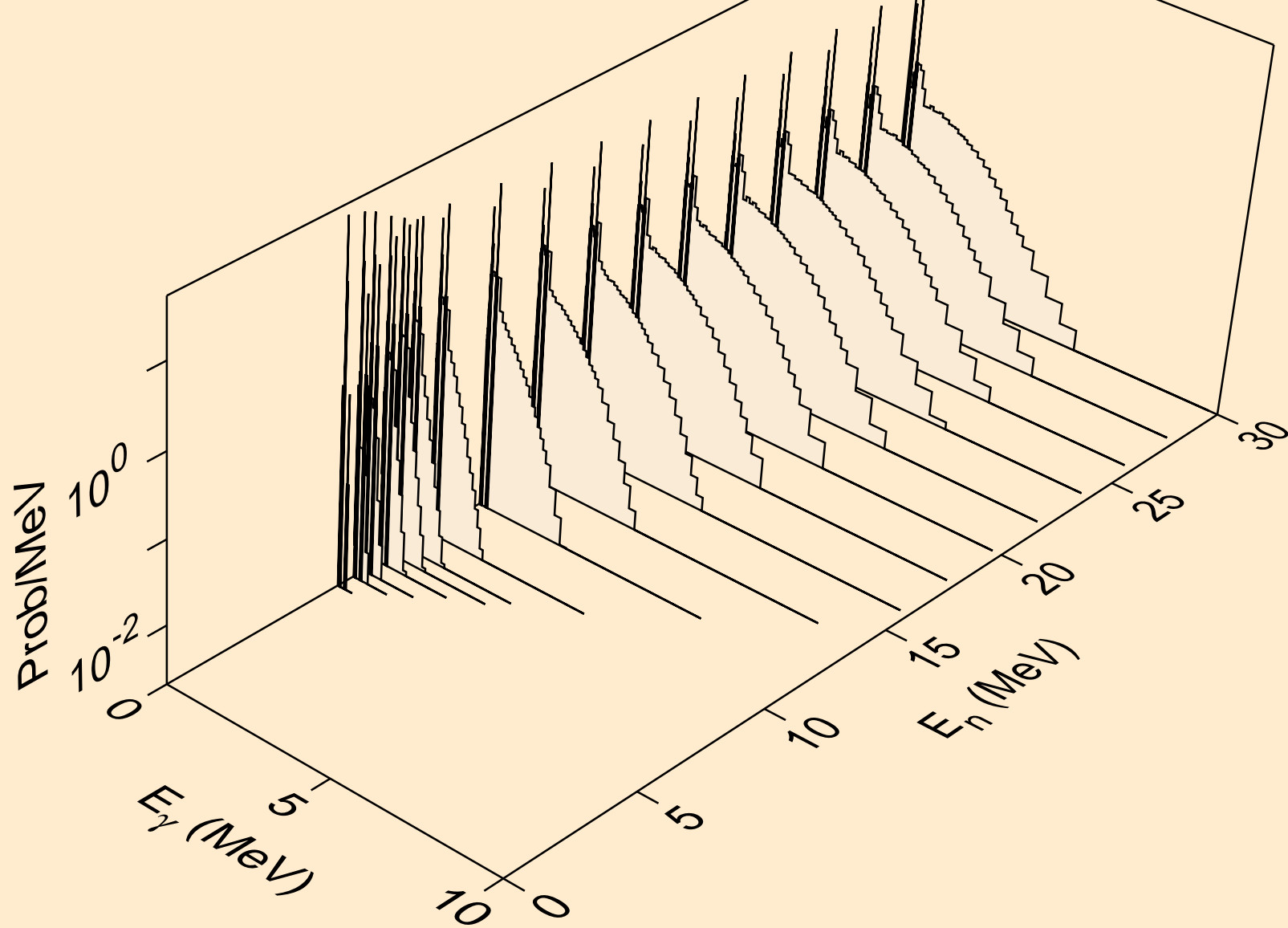
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

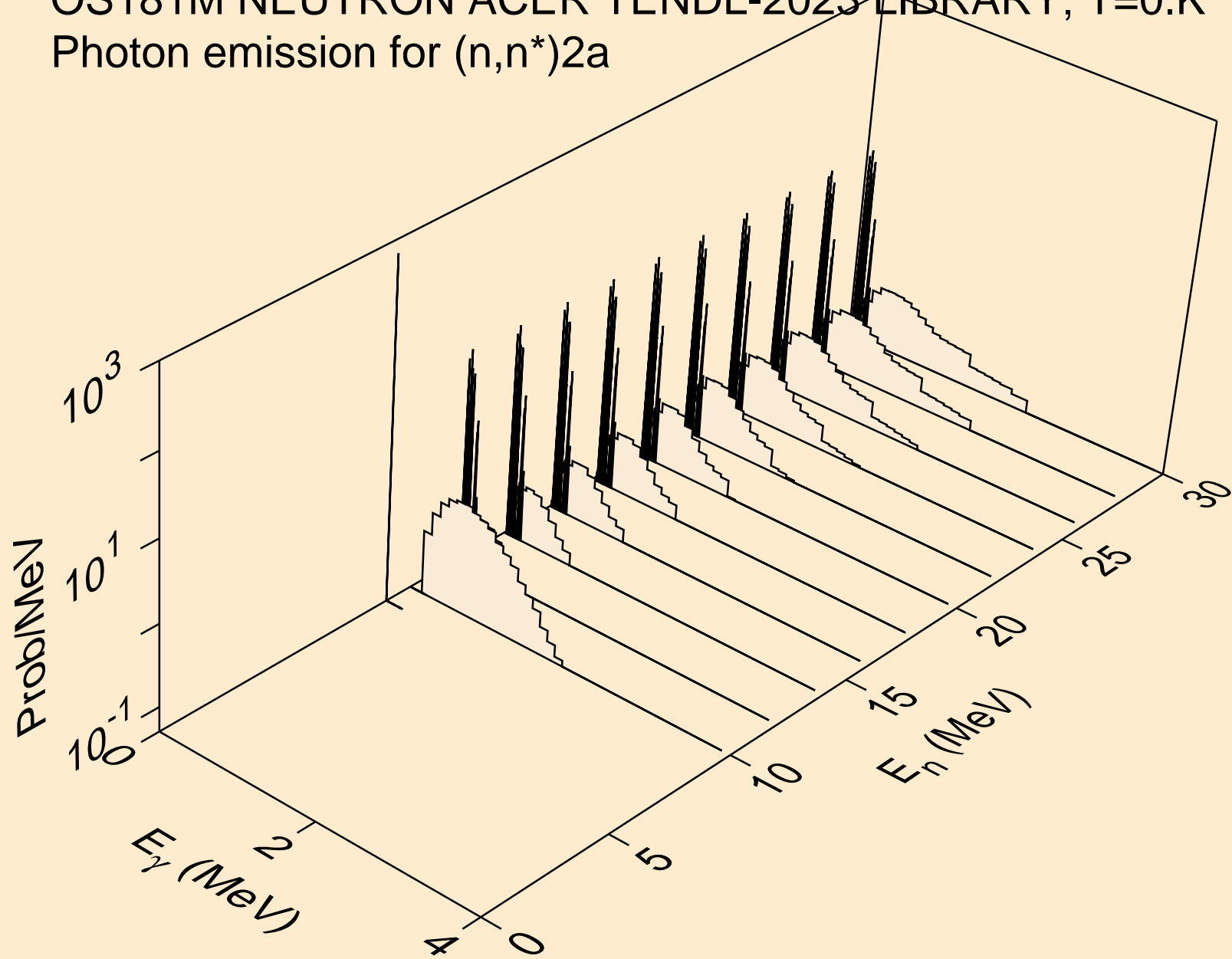


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

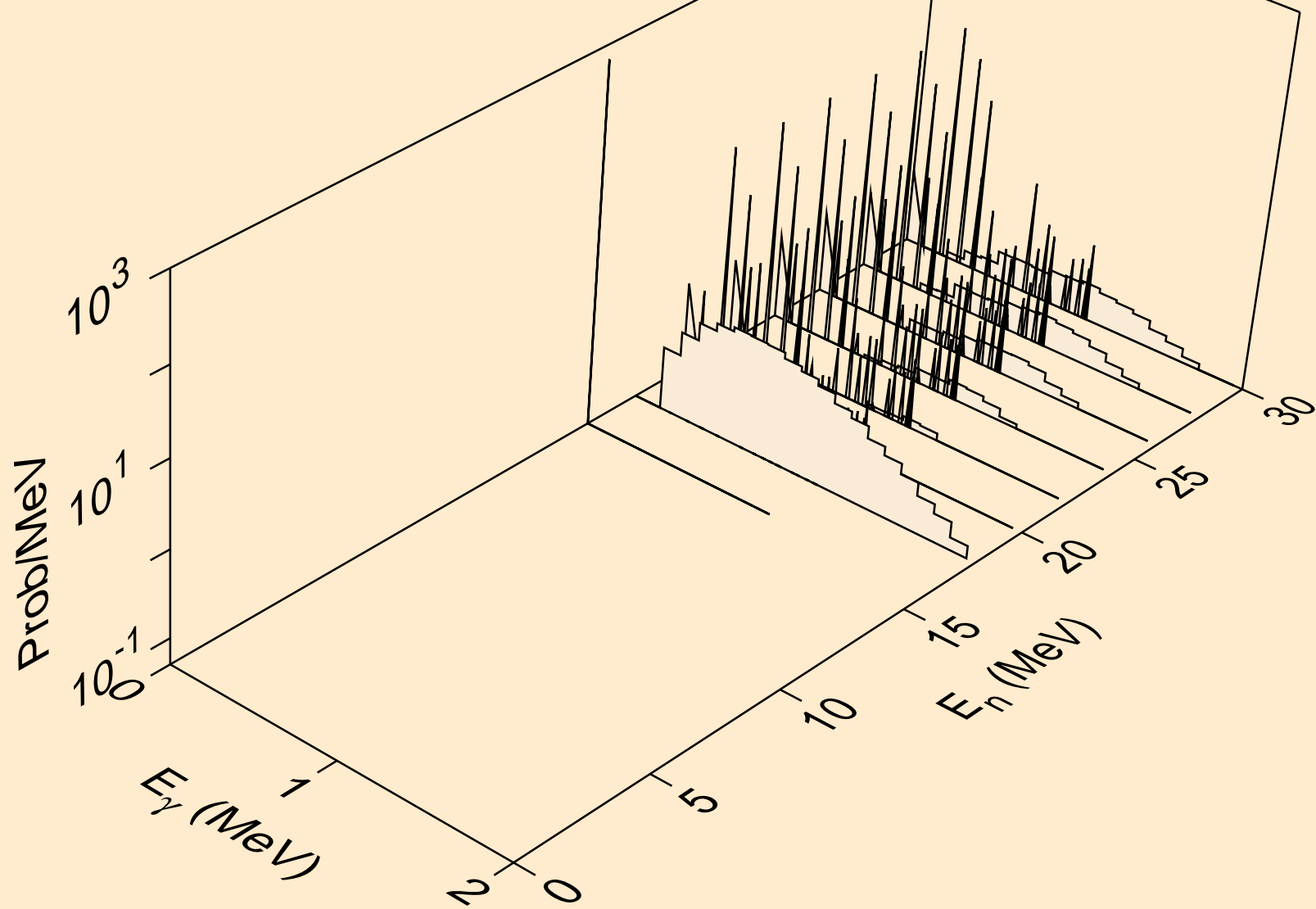




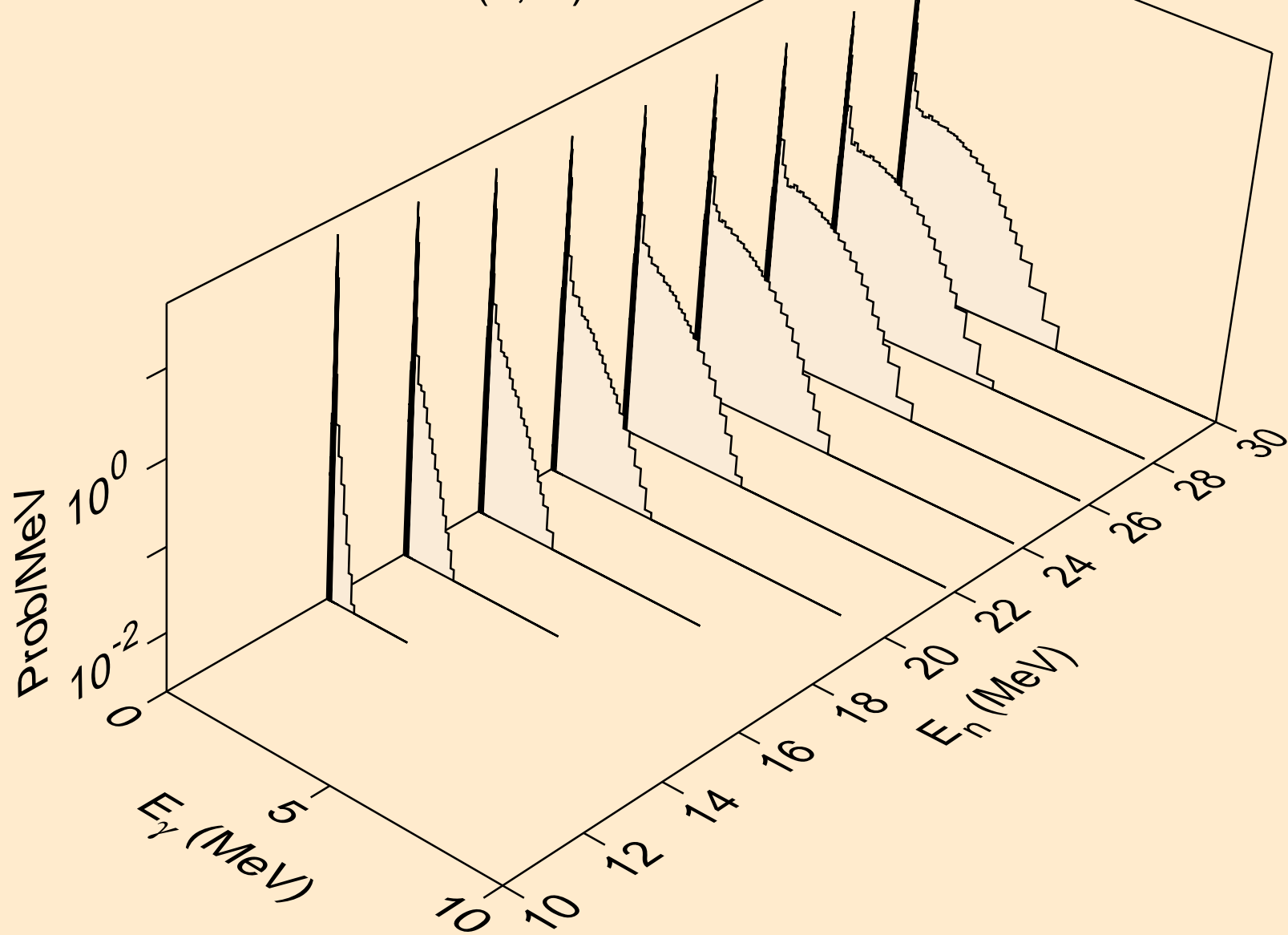
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



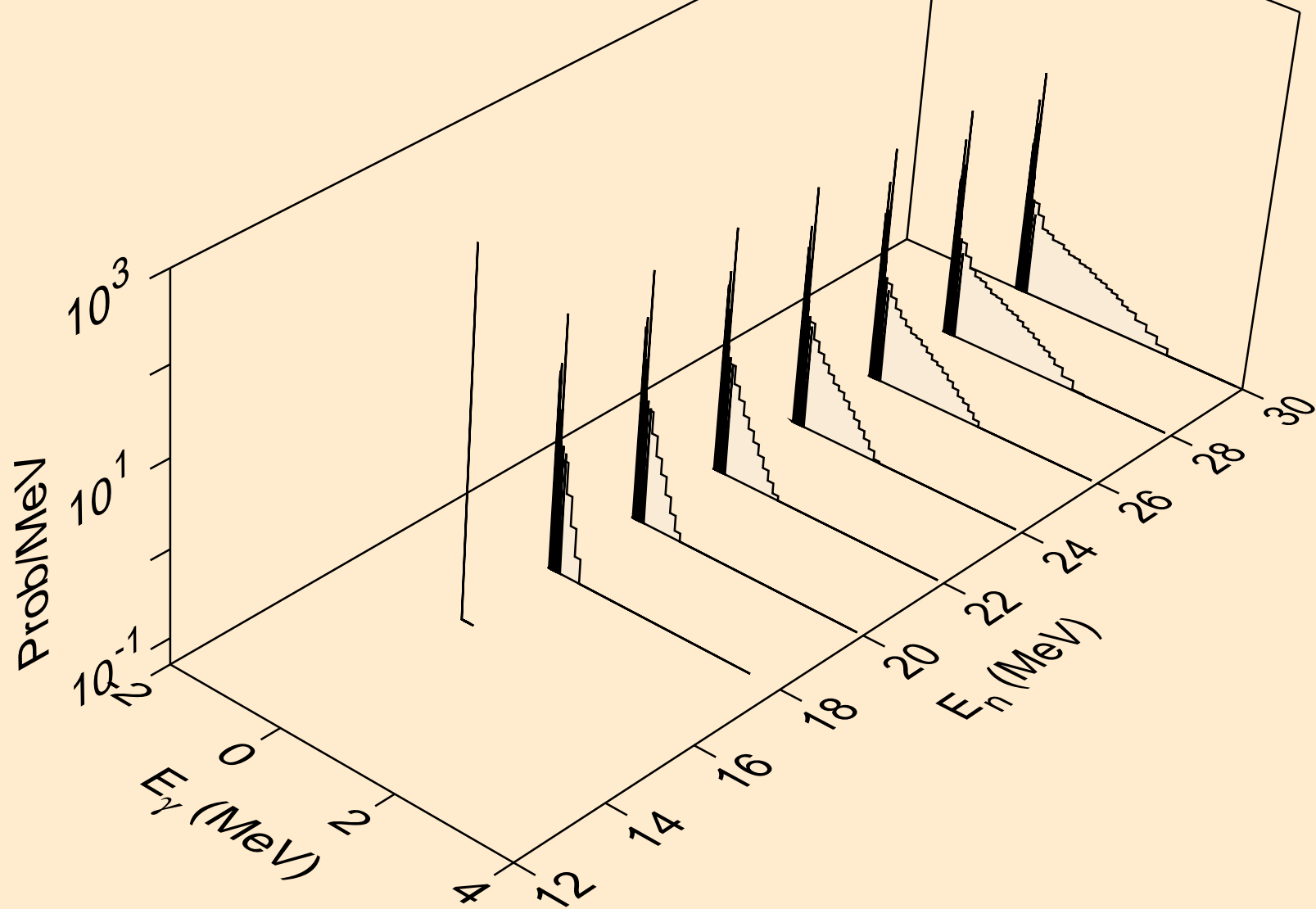
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



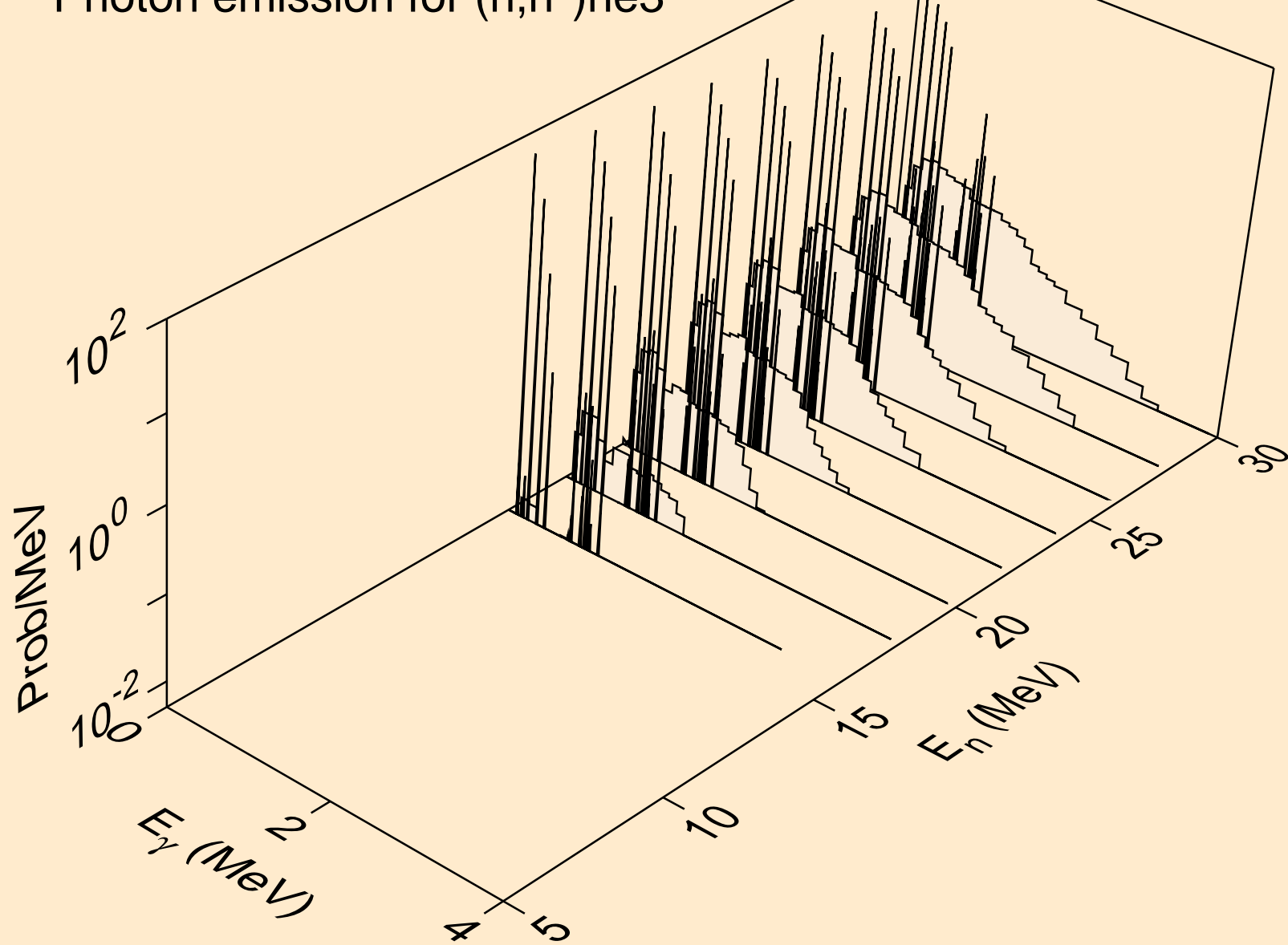
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



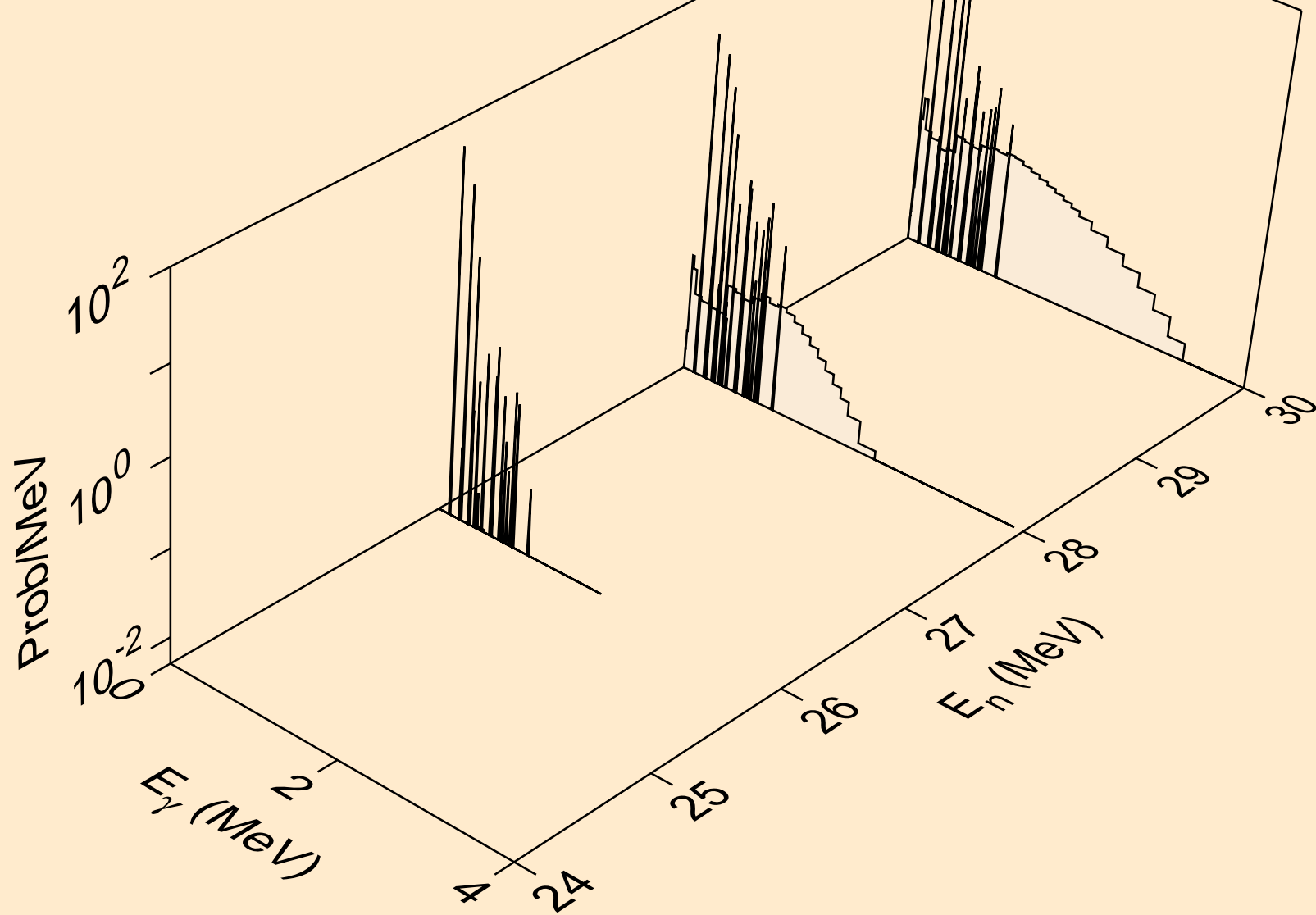
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



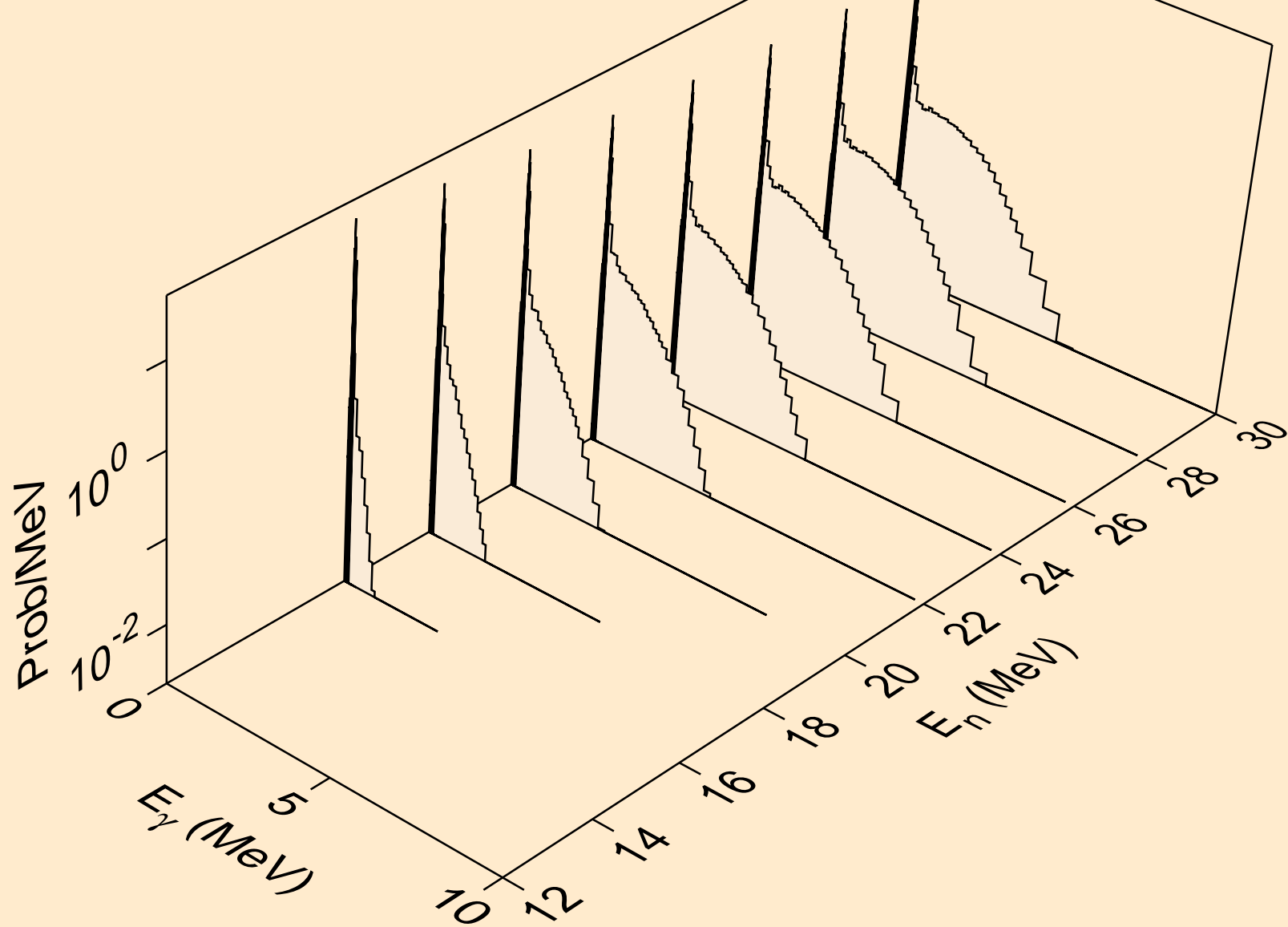
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



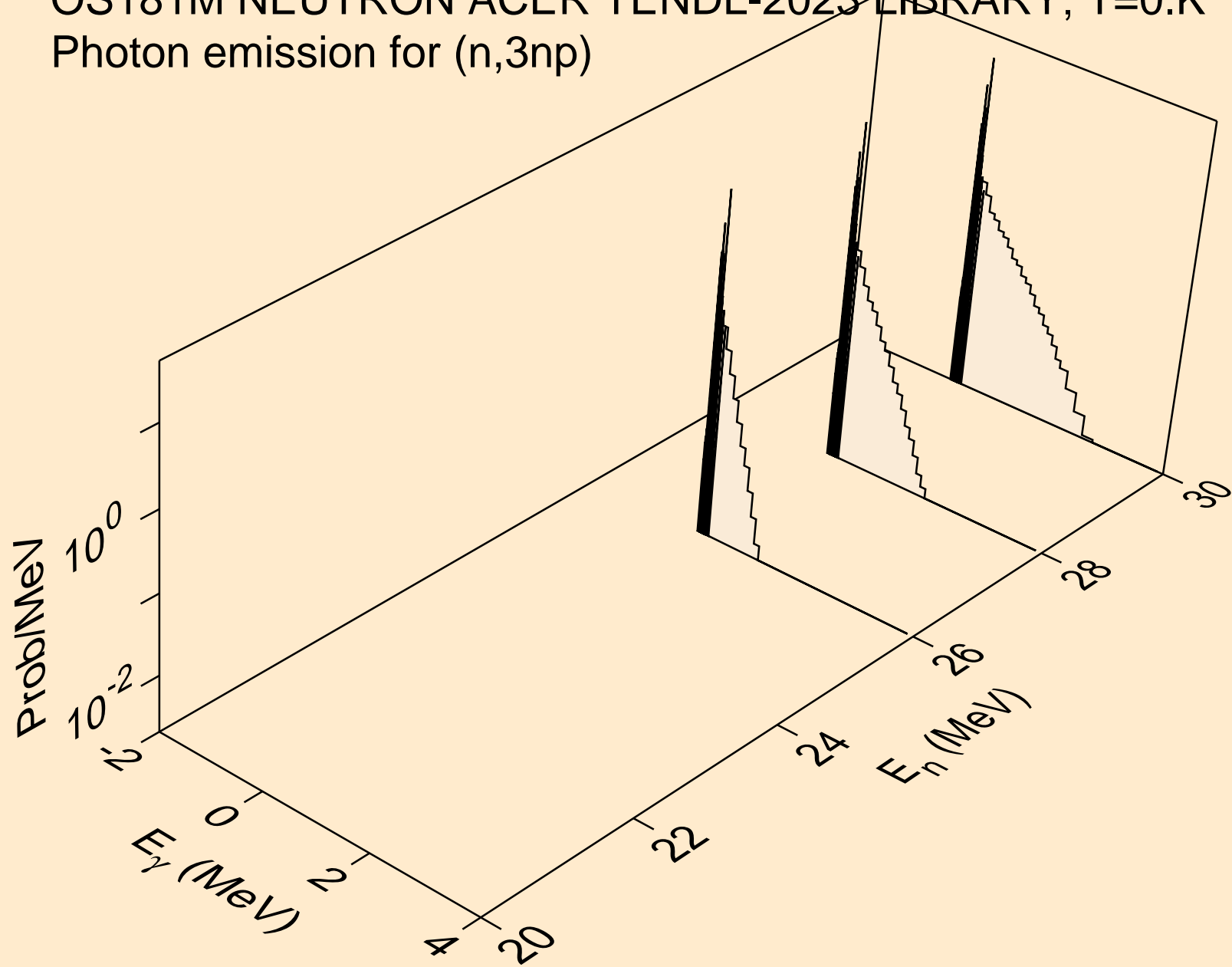
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

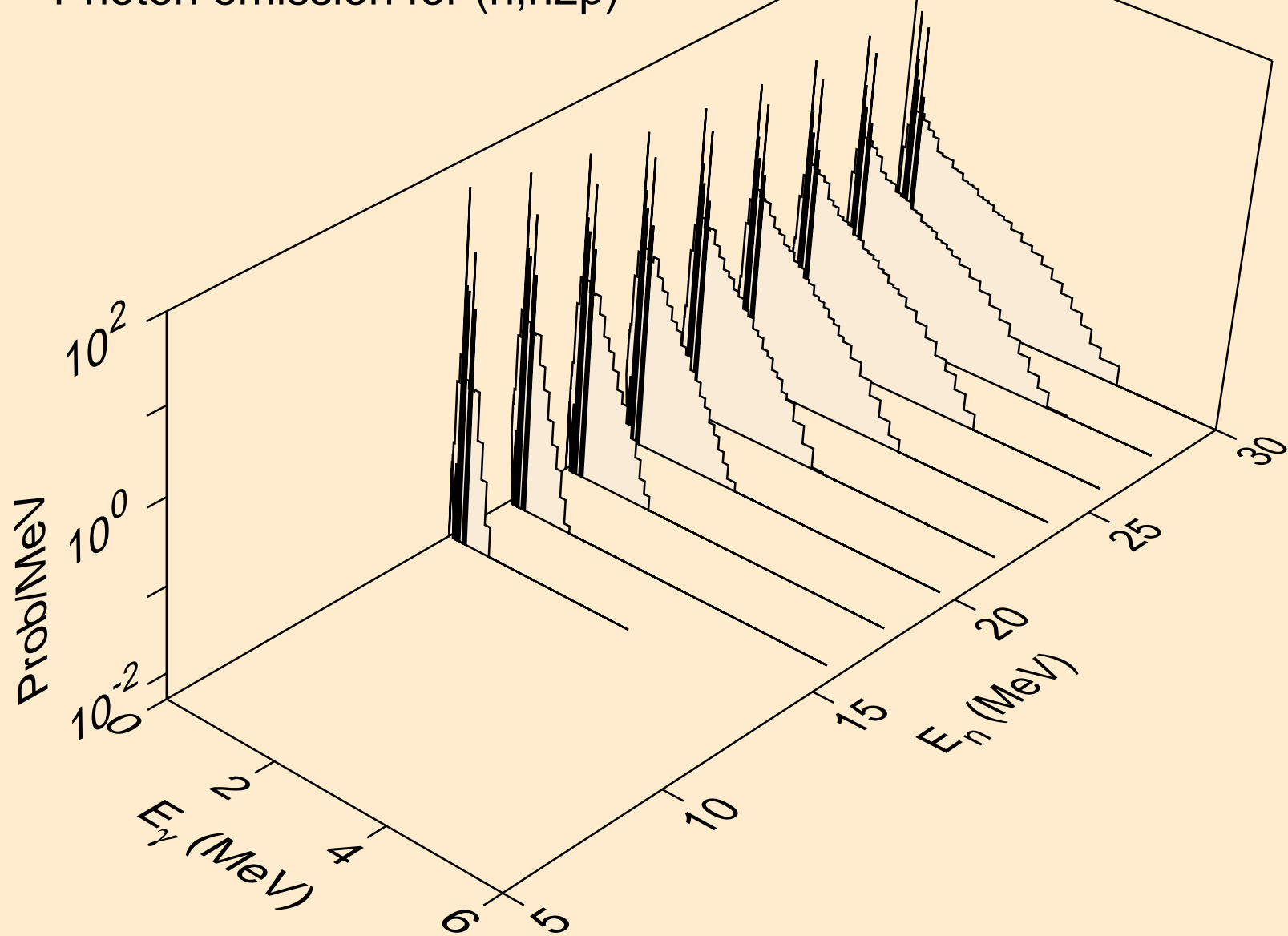


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

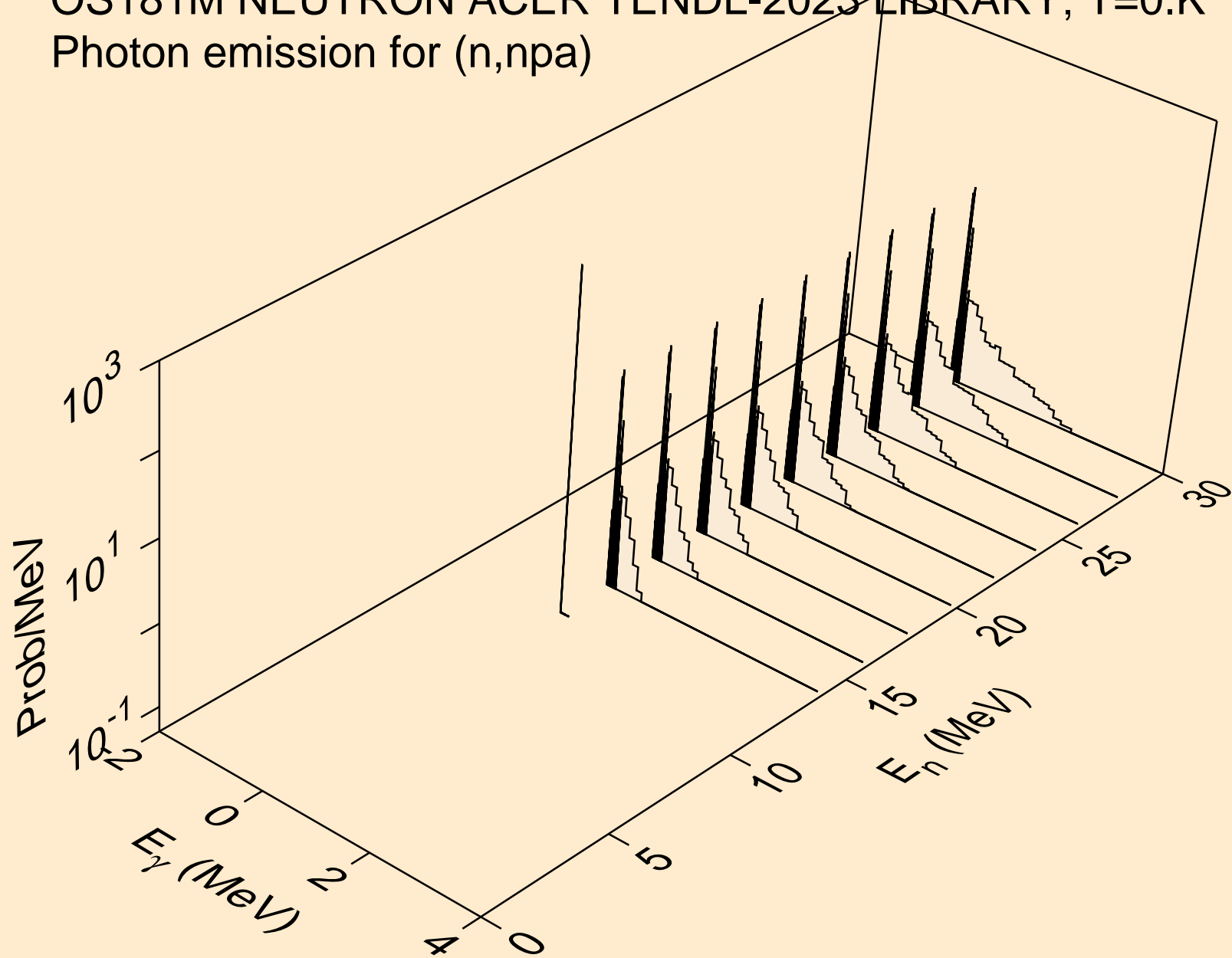




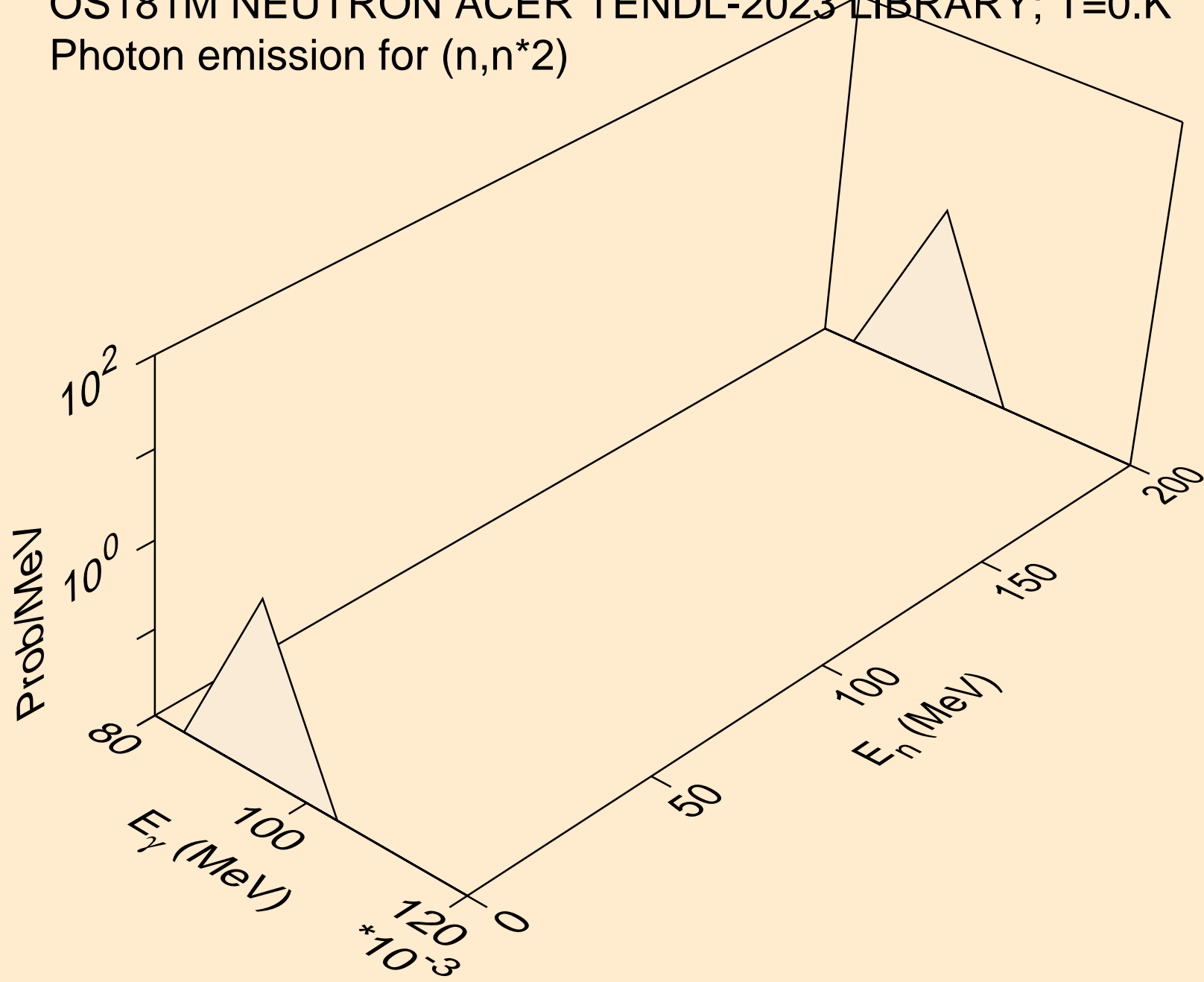
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



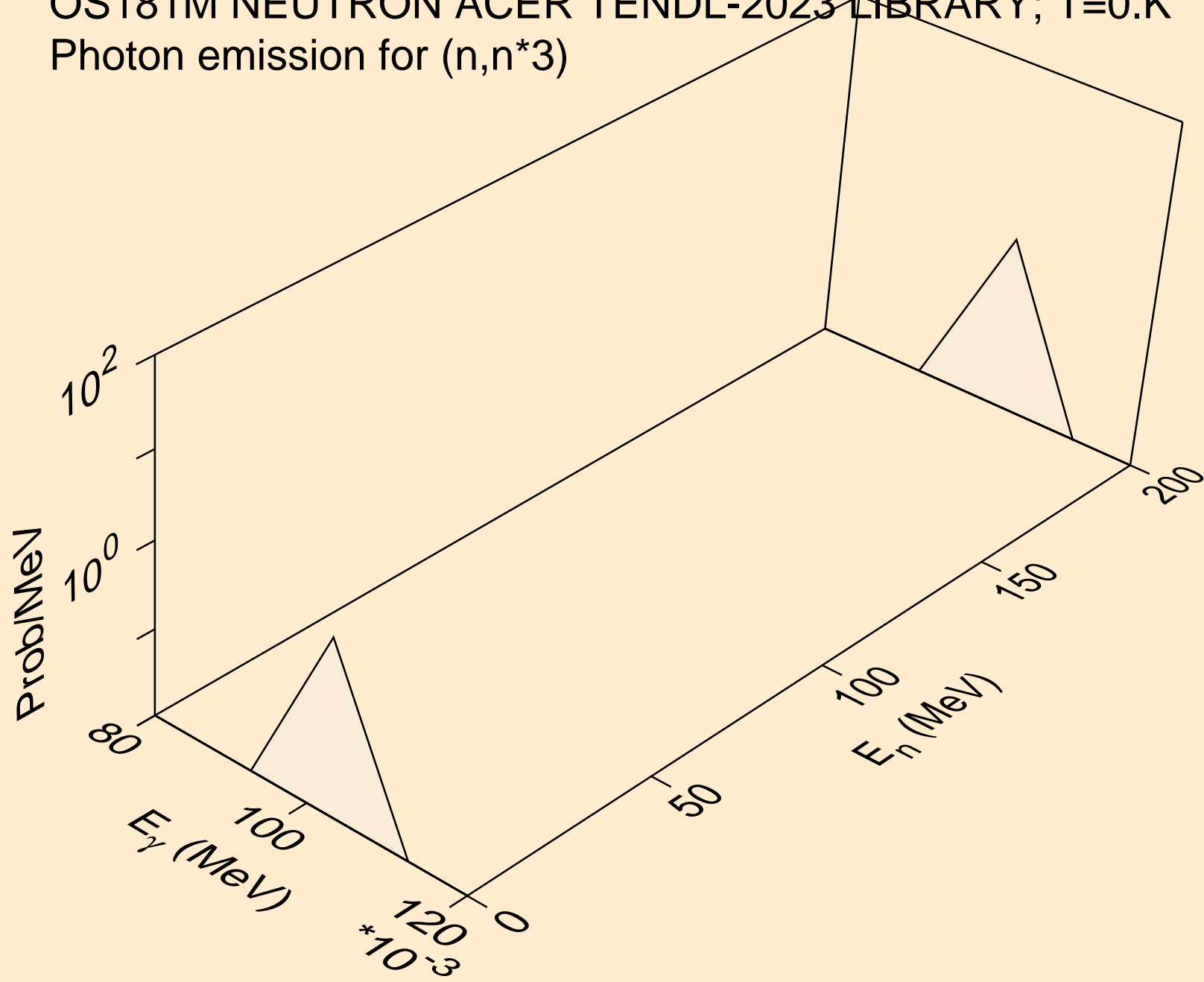
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



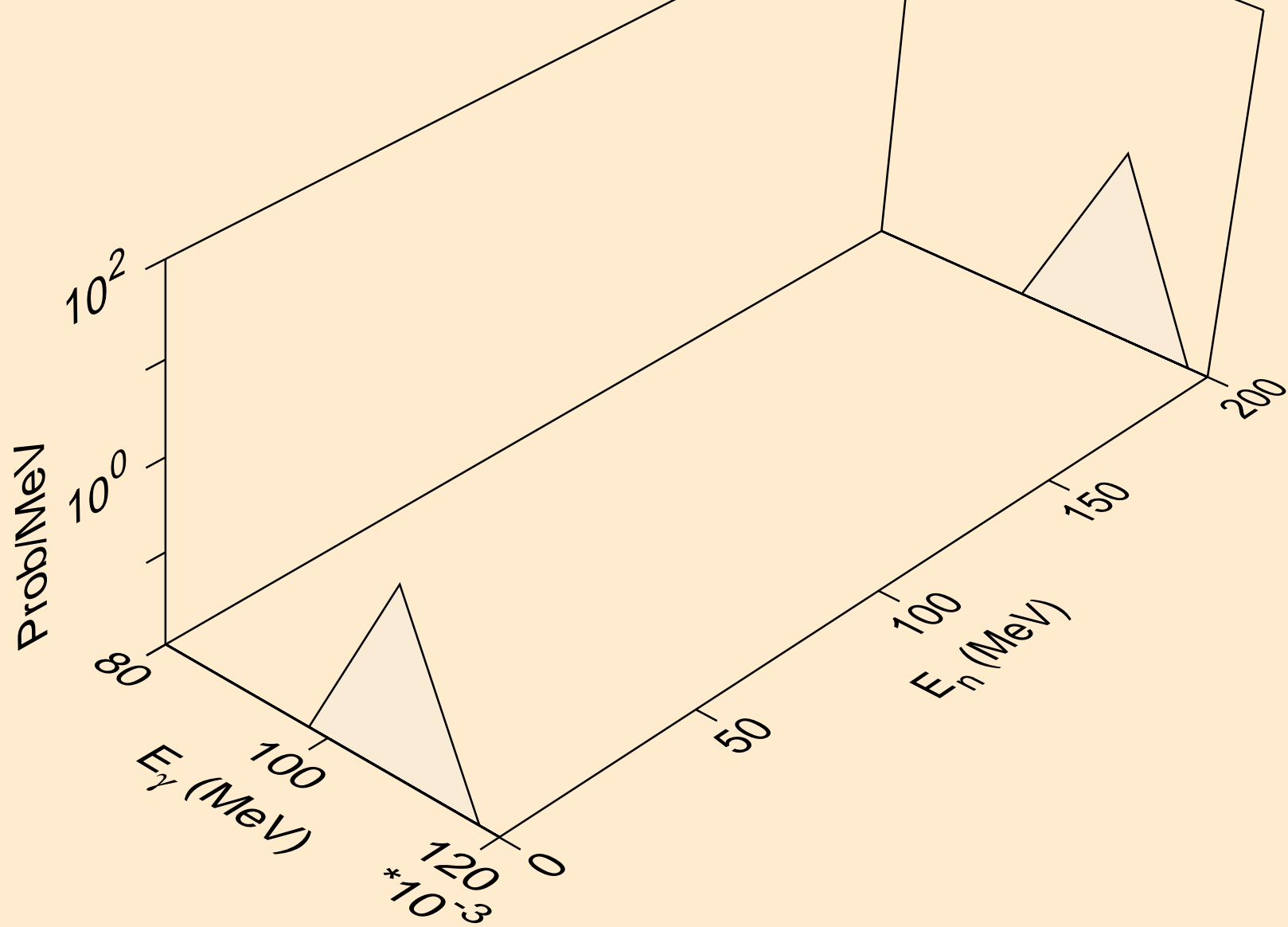
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*2)



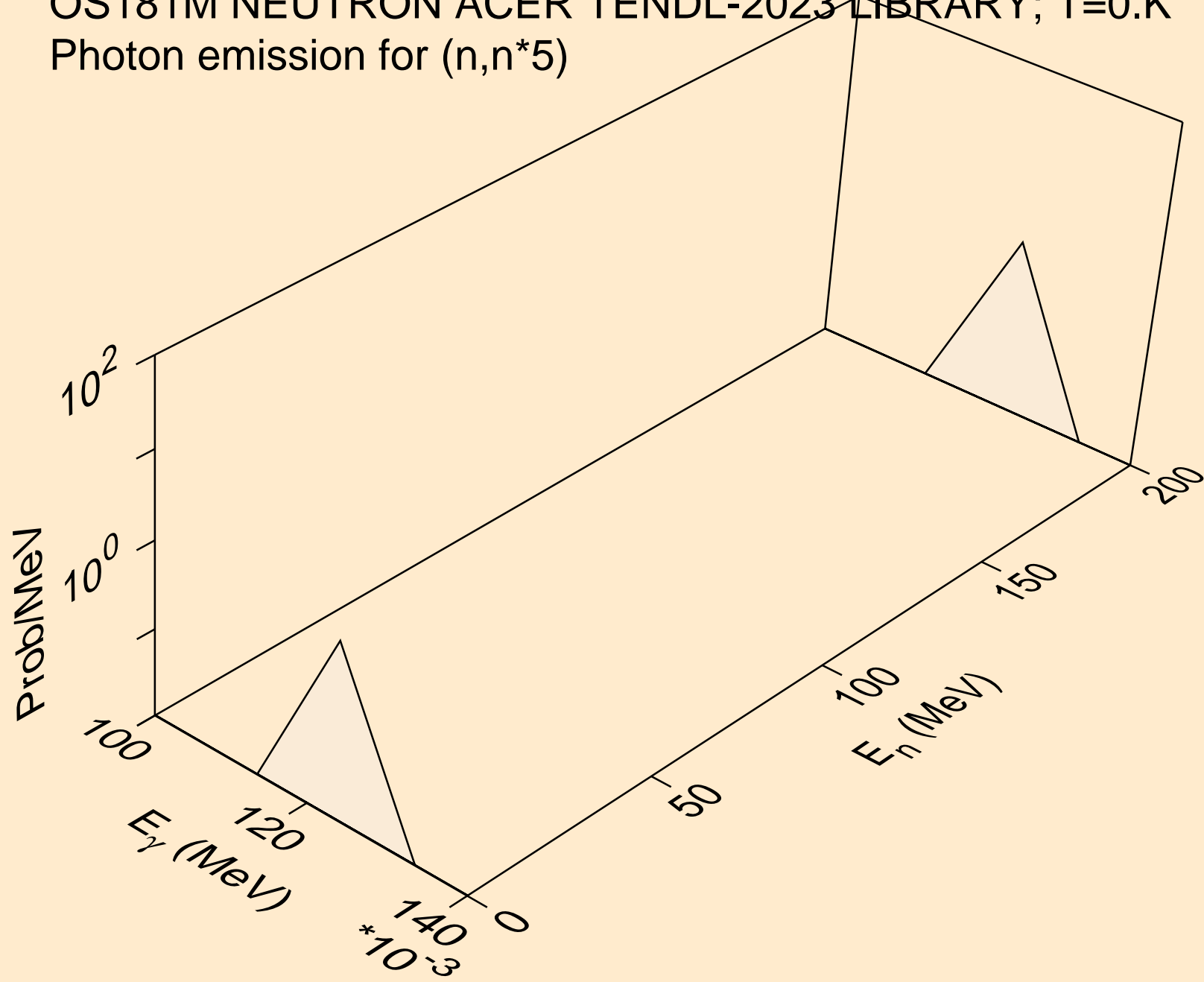
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*3)



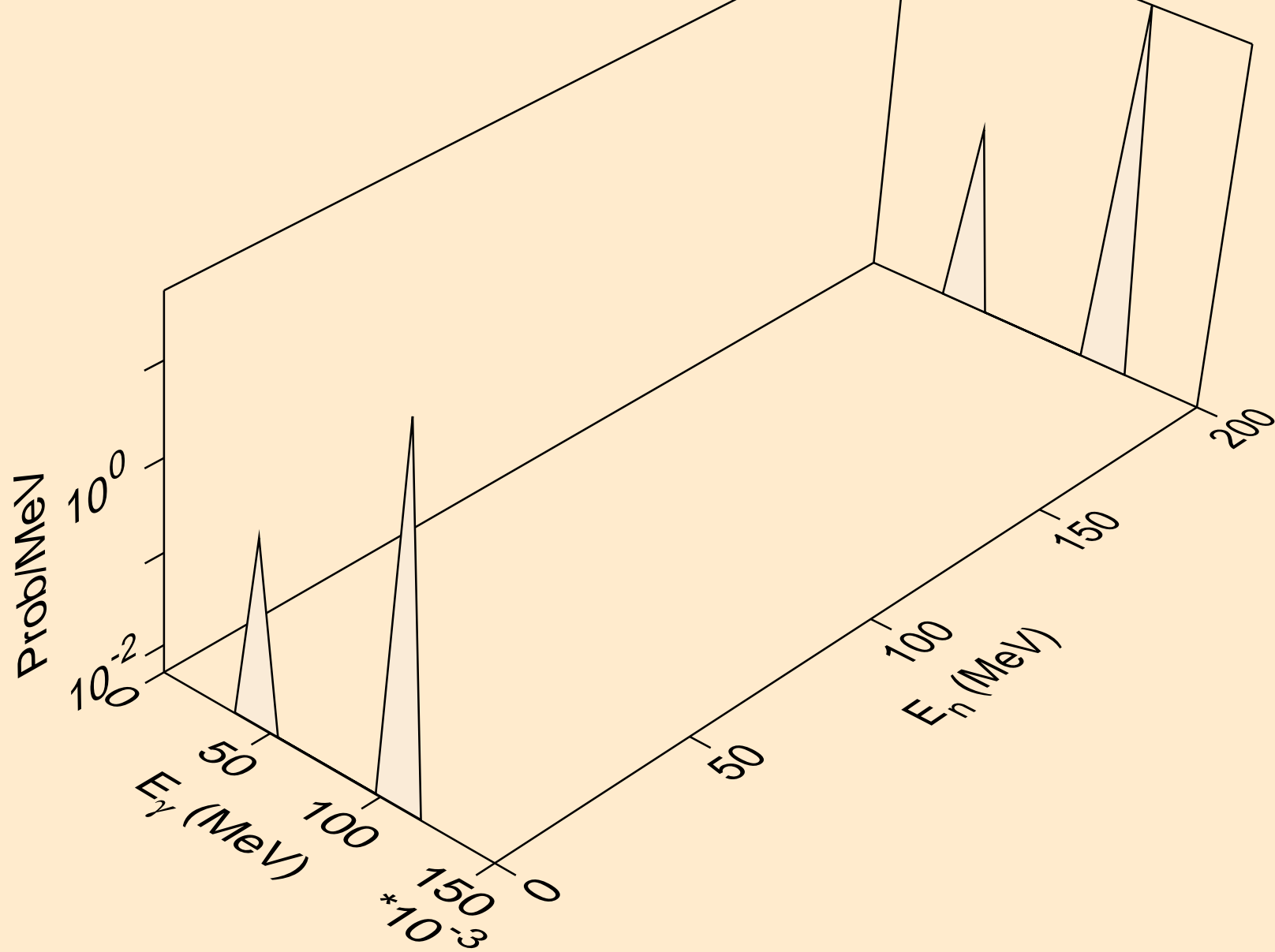
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*4)



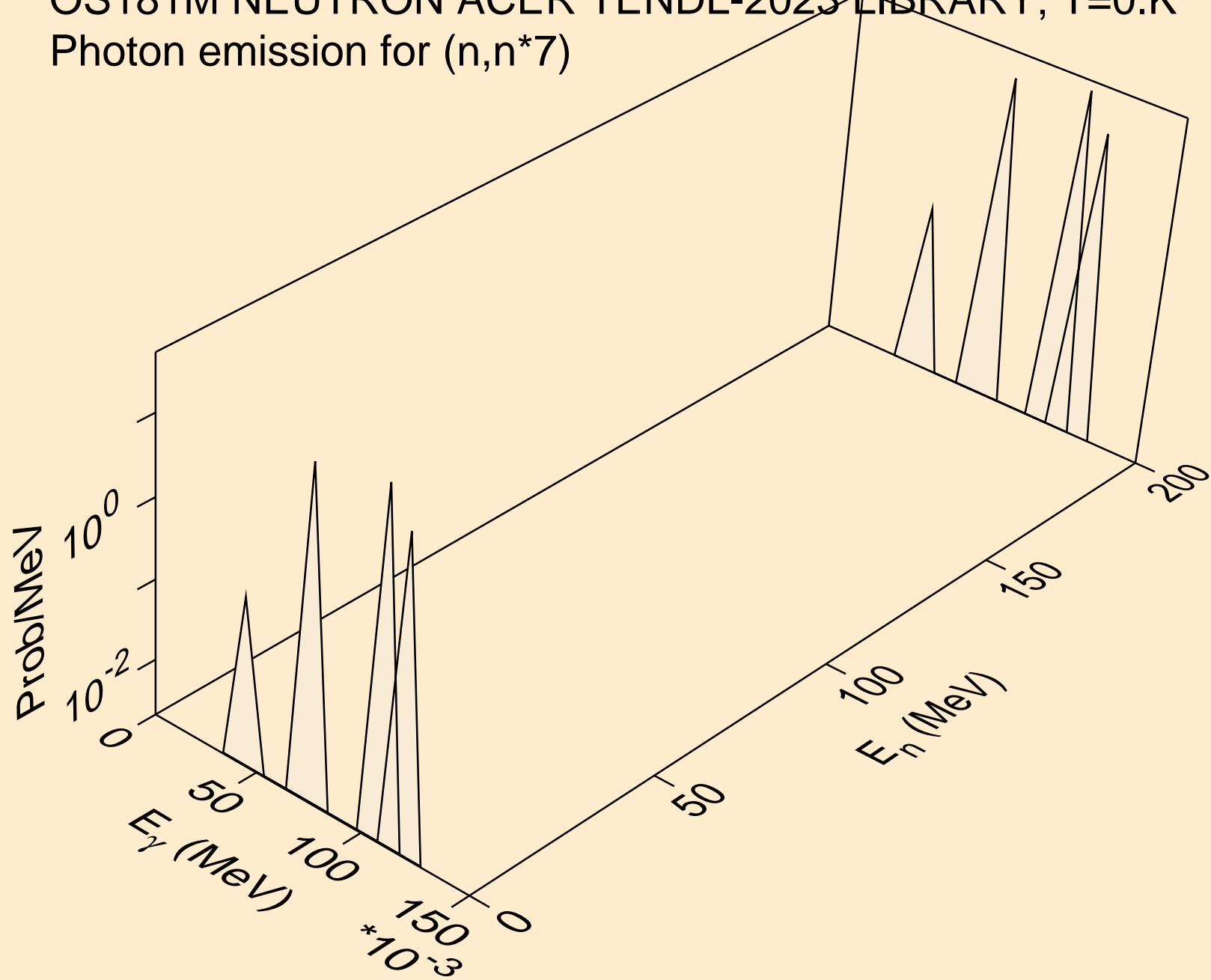
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*5)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*6)

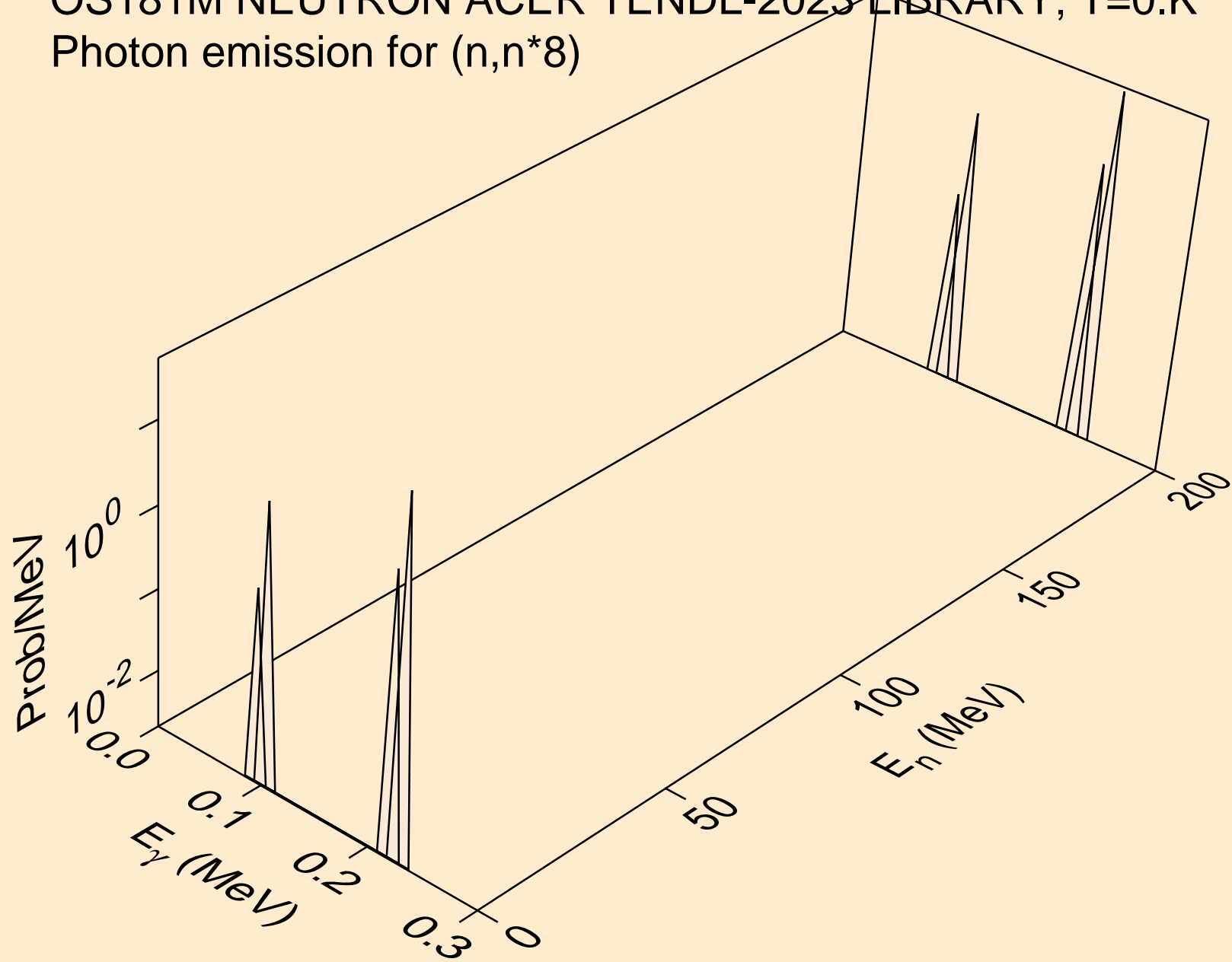


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*7)

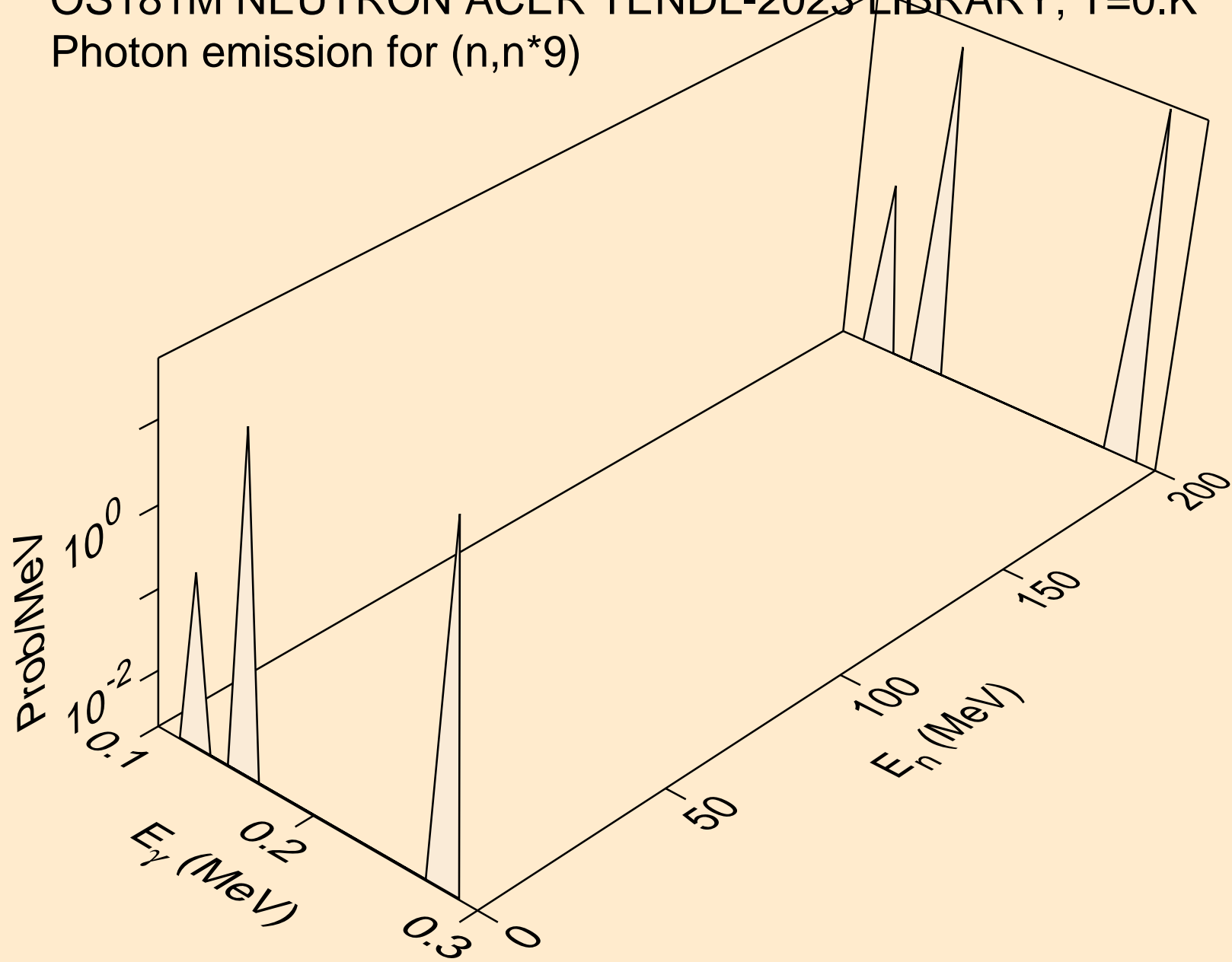




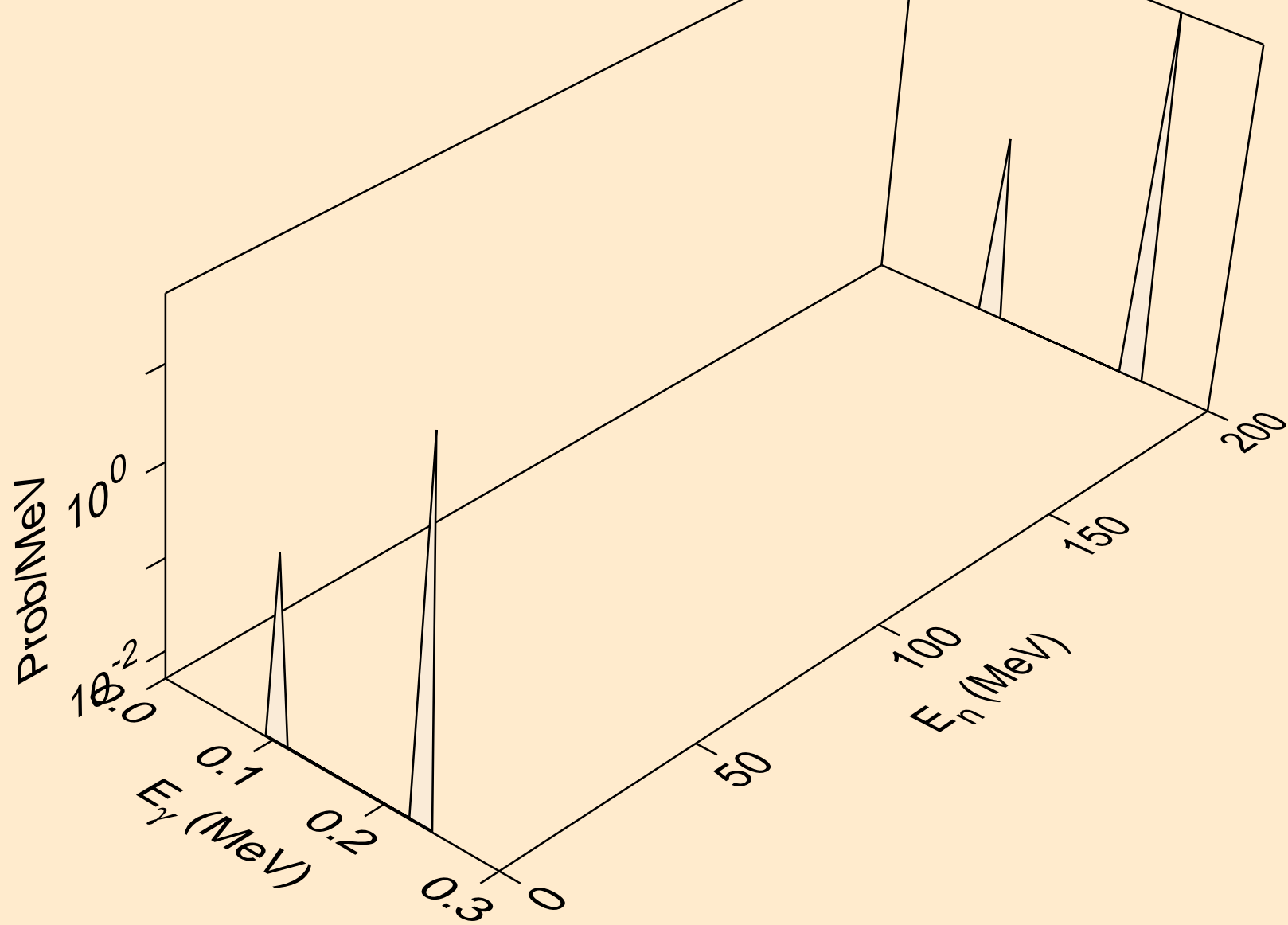
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*8)



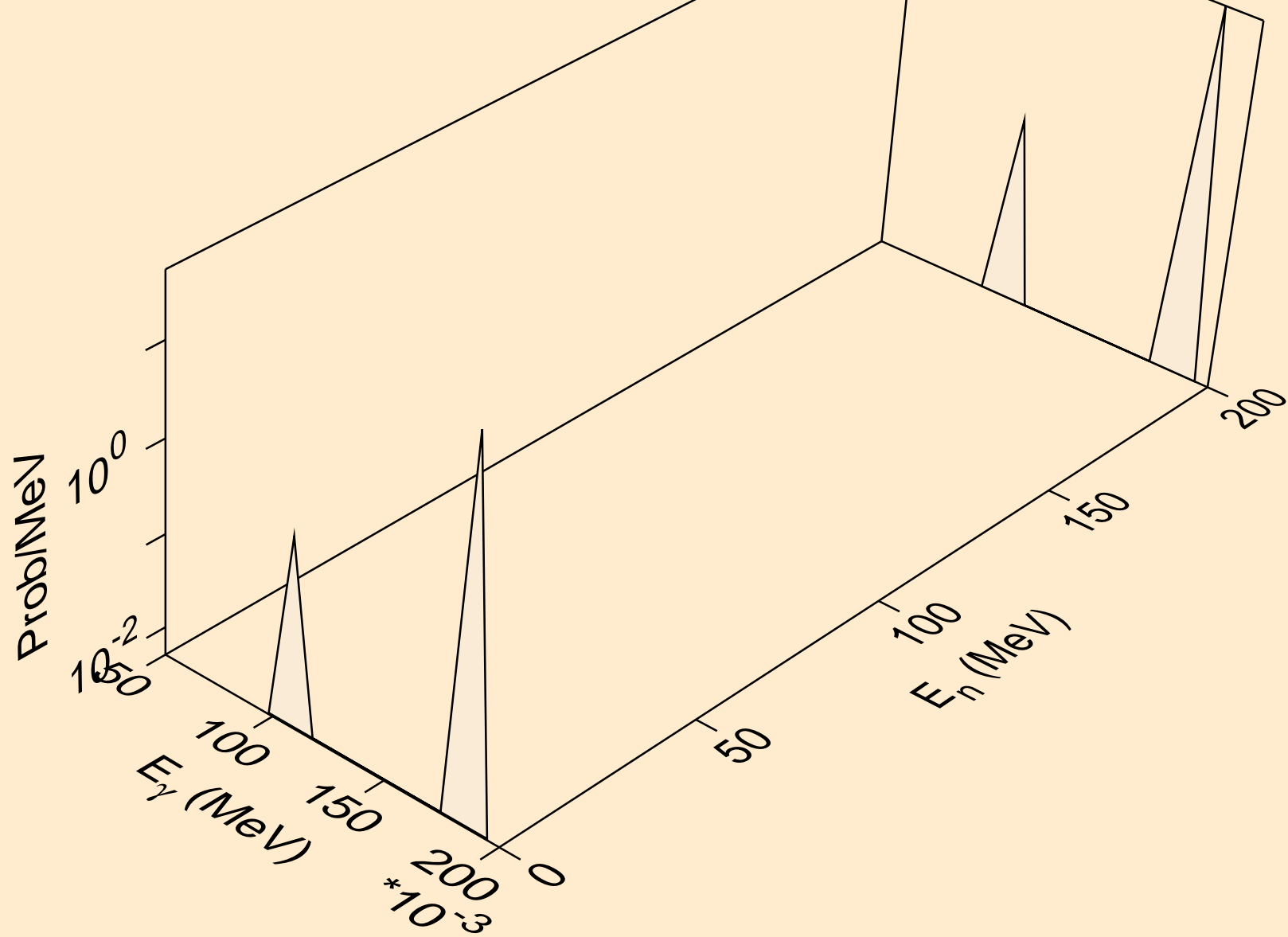
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*9)



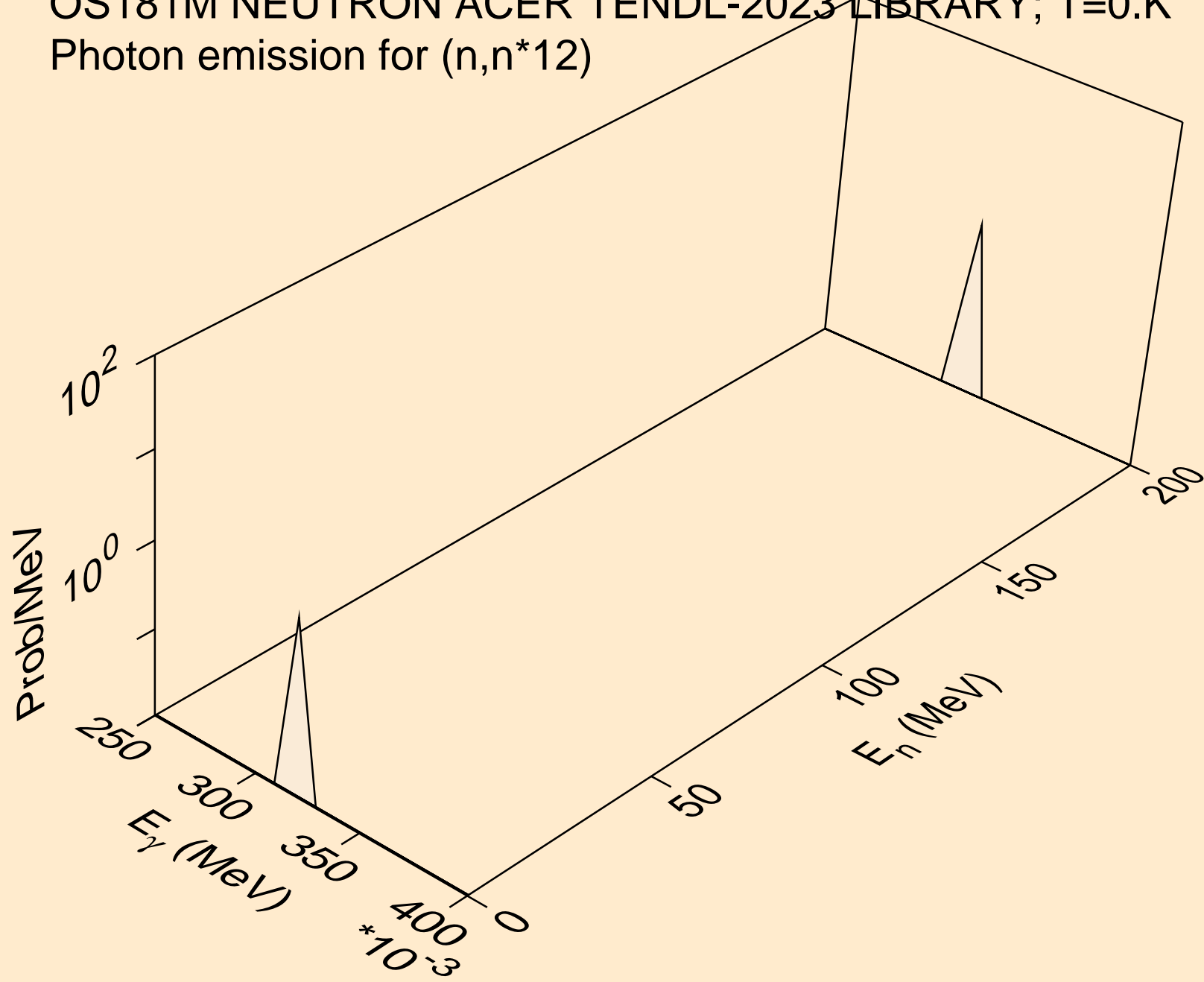
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*10)



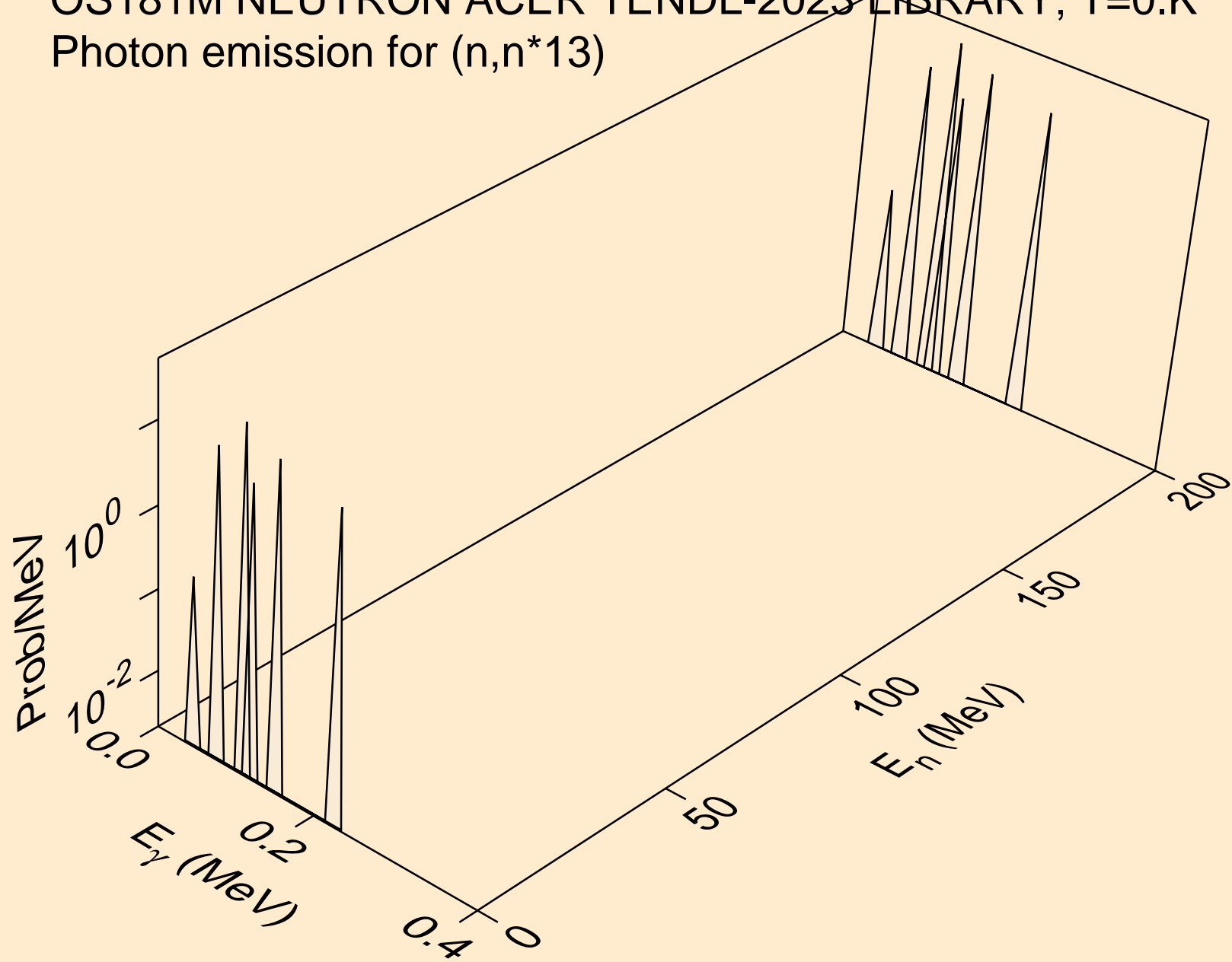
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*11)



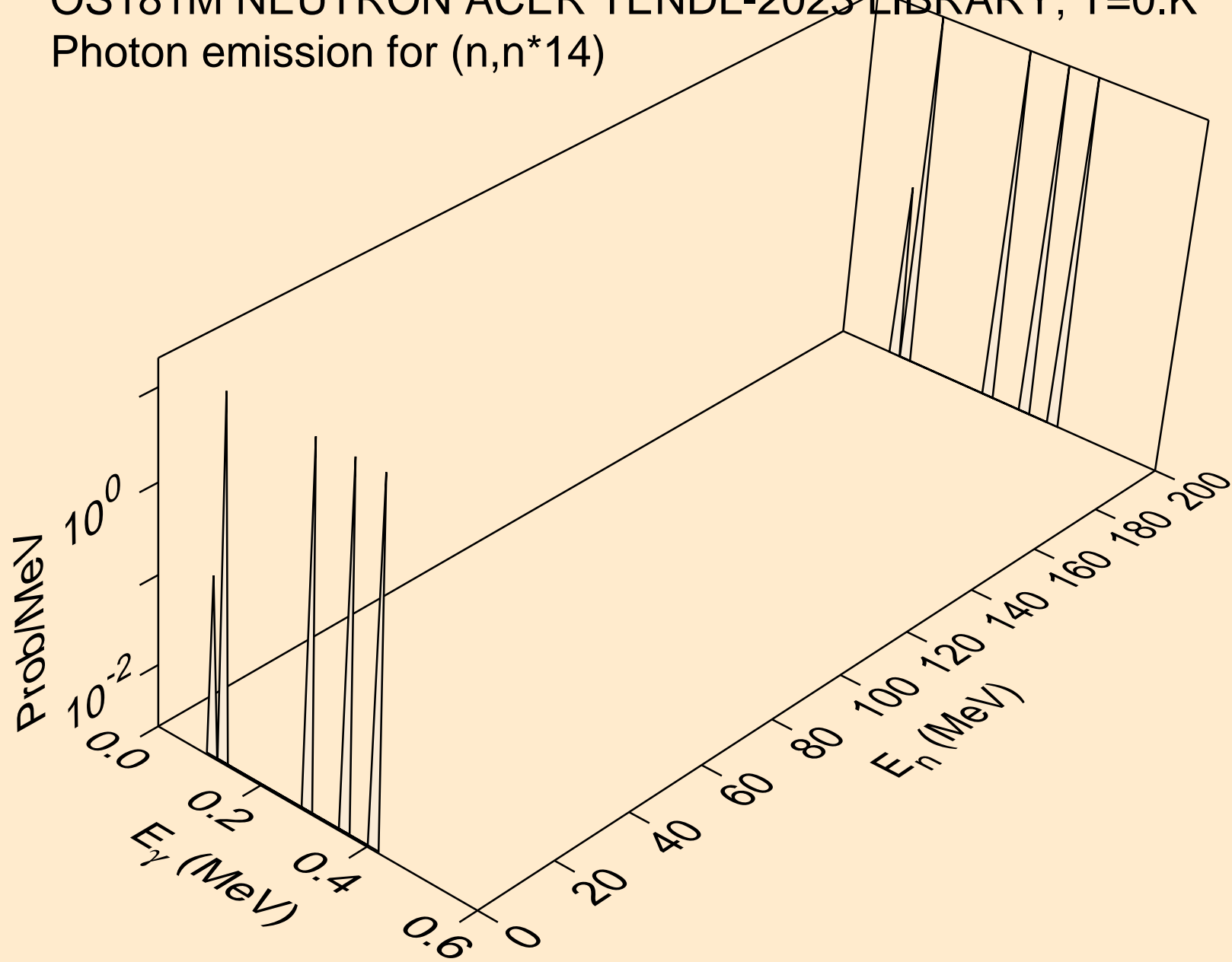
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*12)



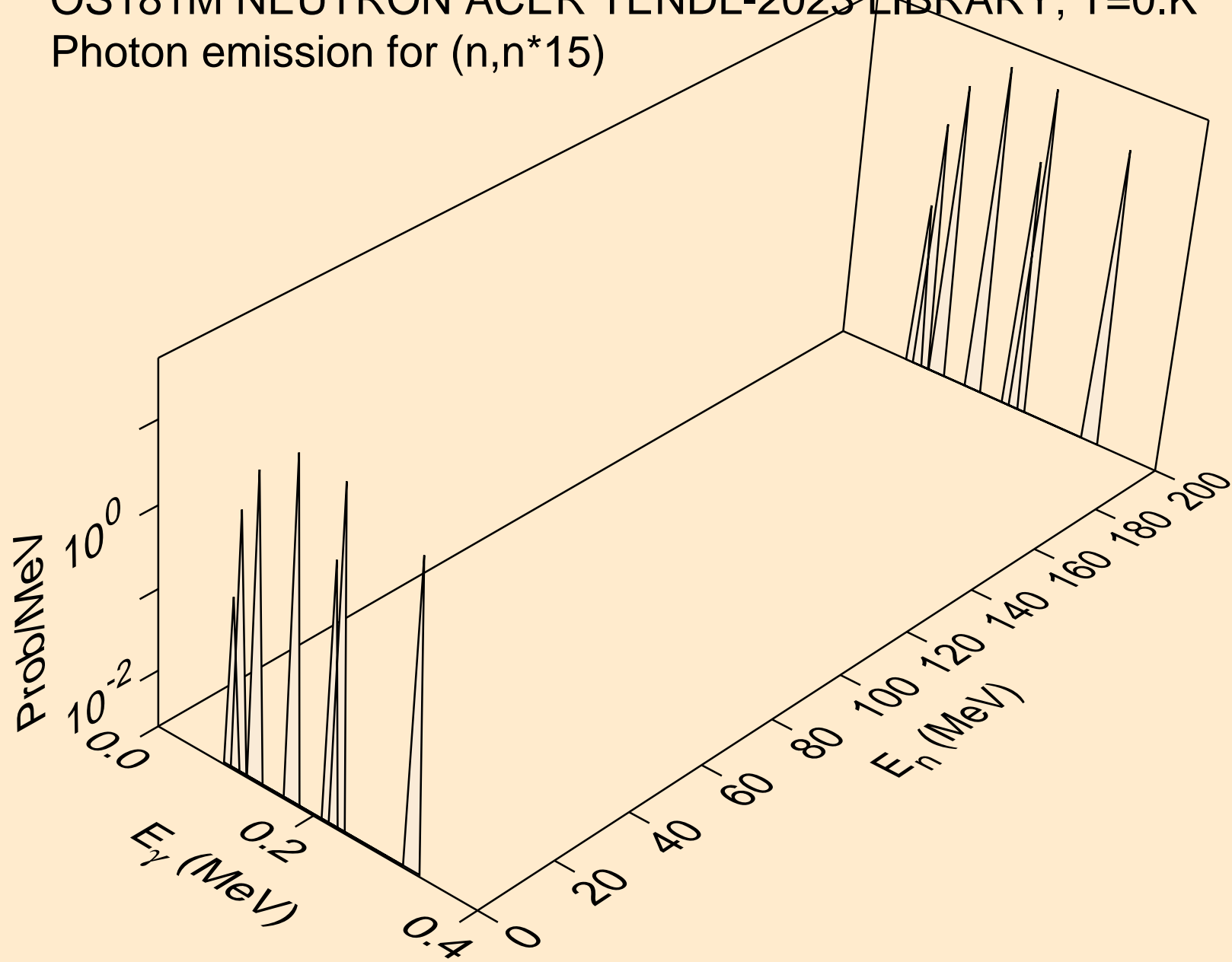
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*13)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*14)

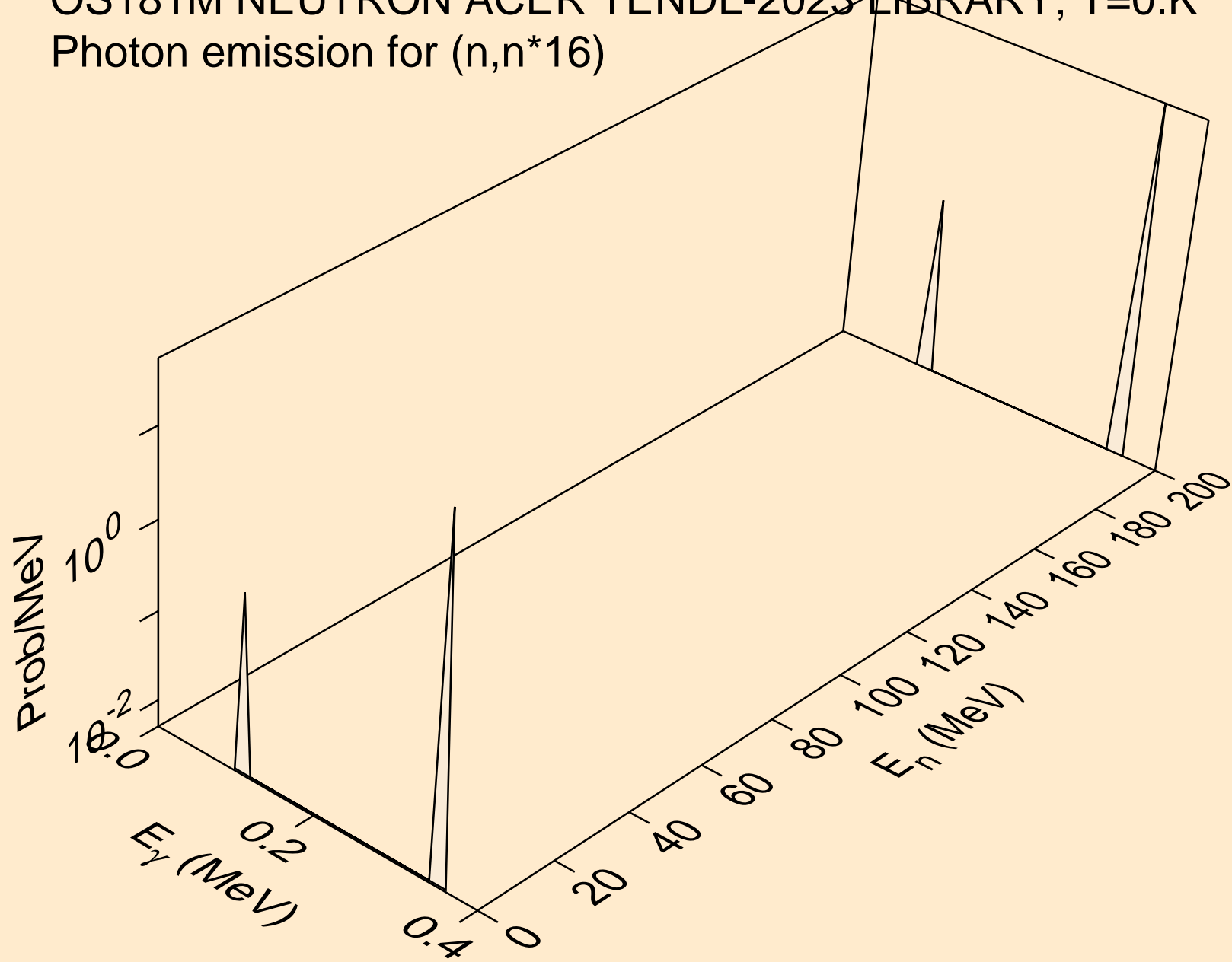


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*15)

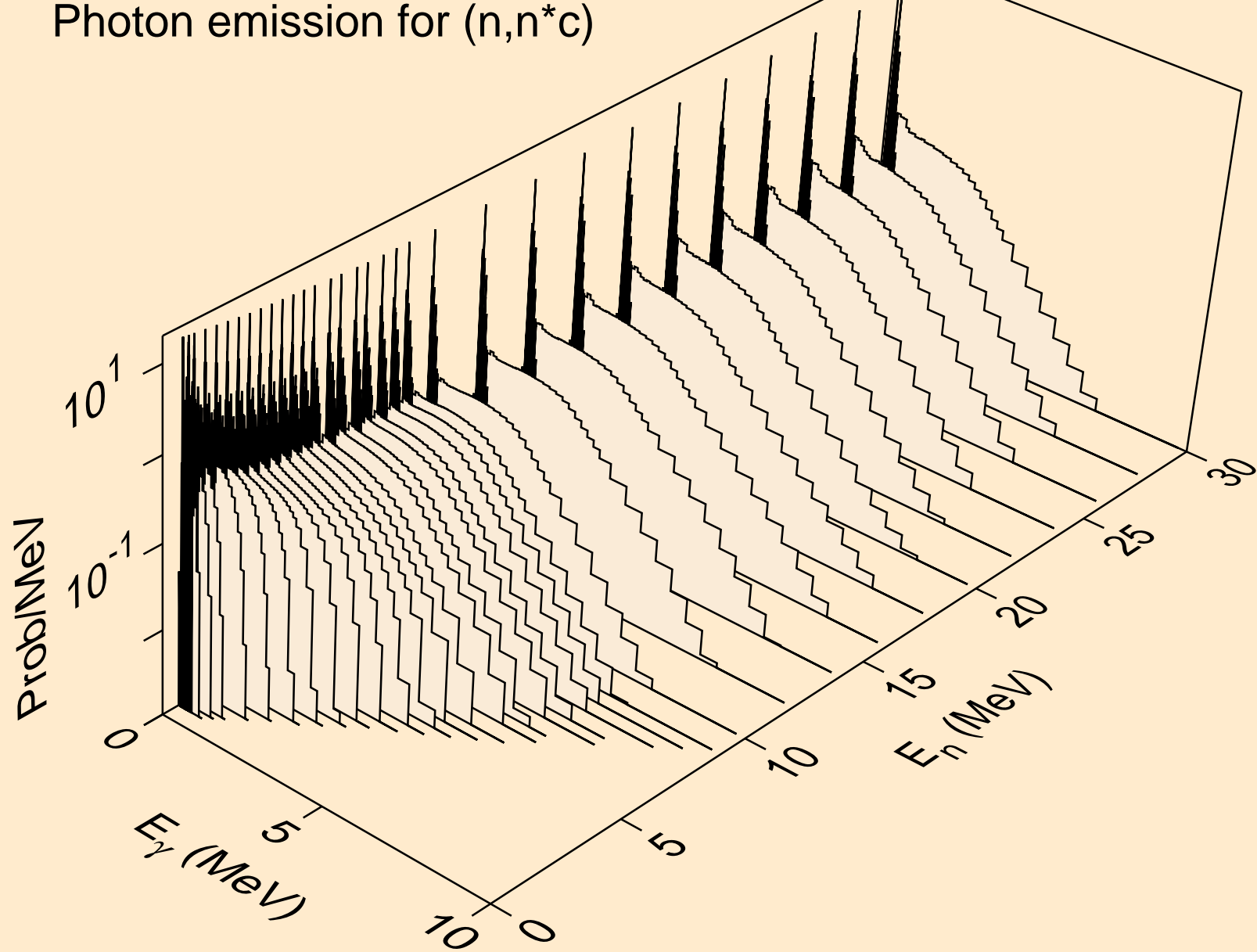




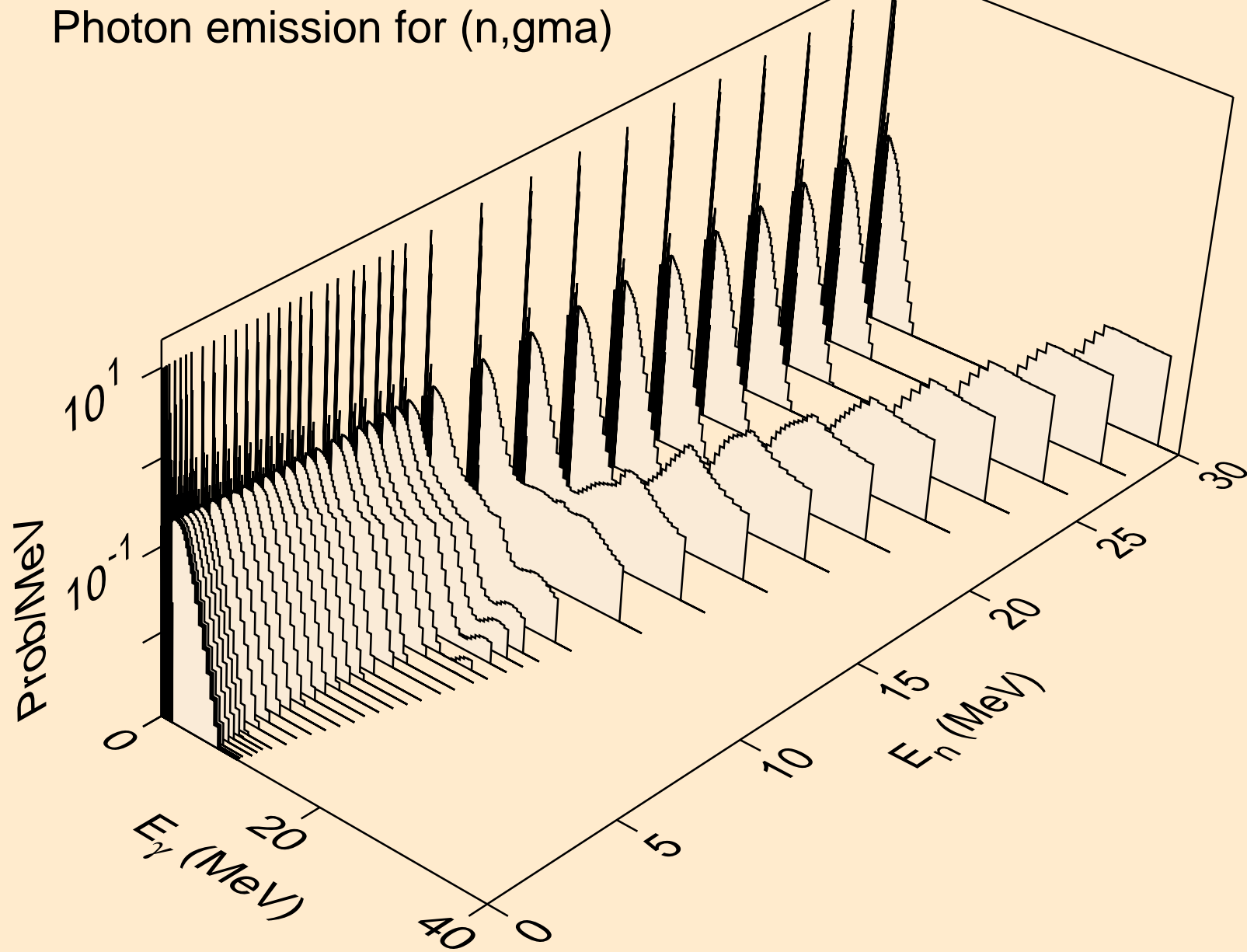
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*16)



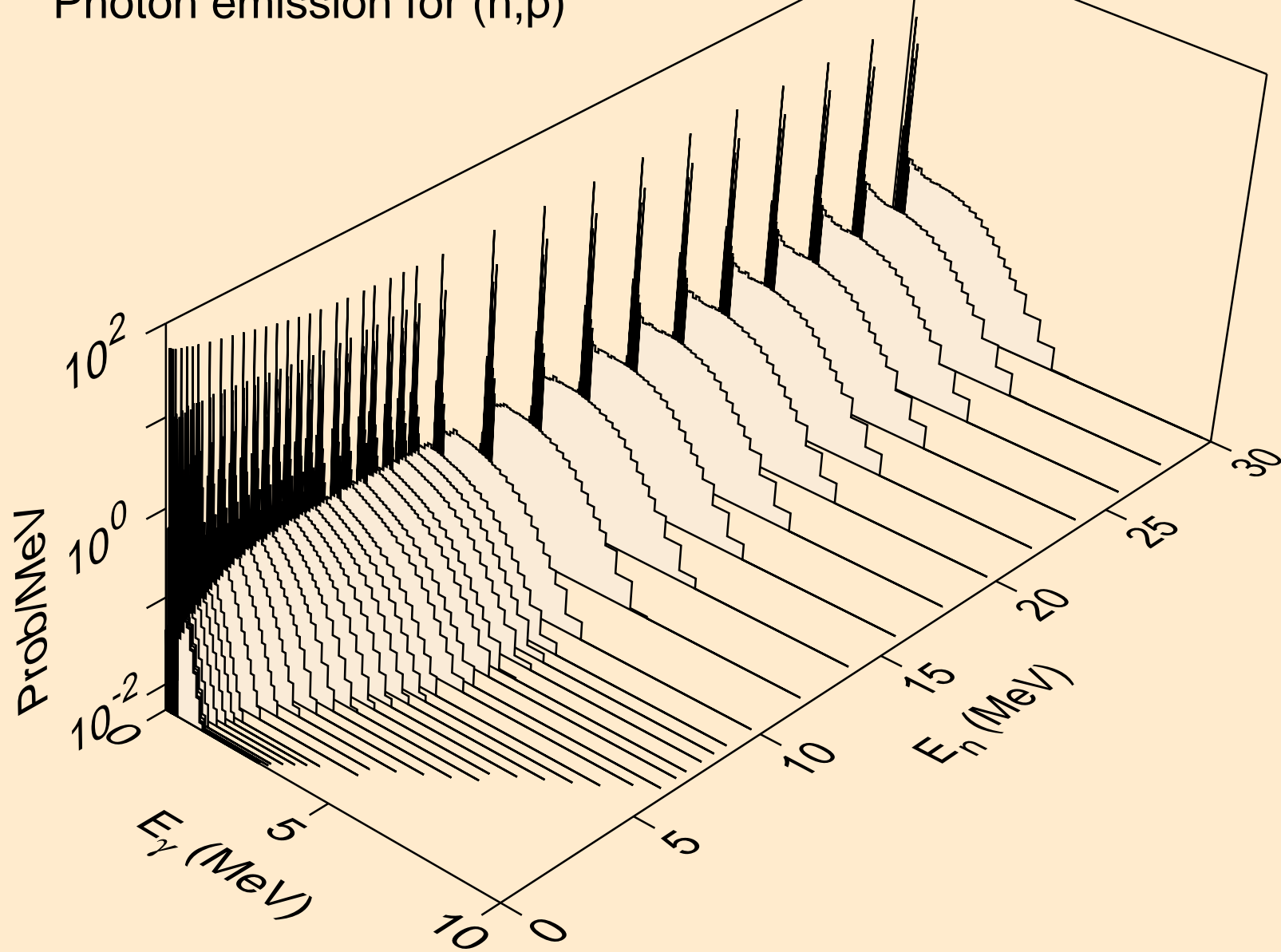
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



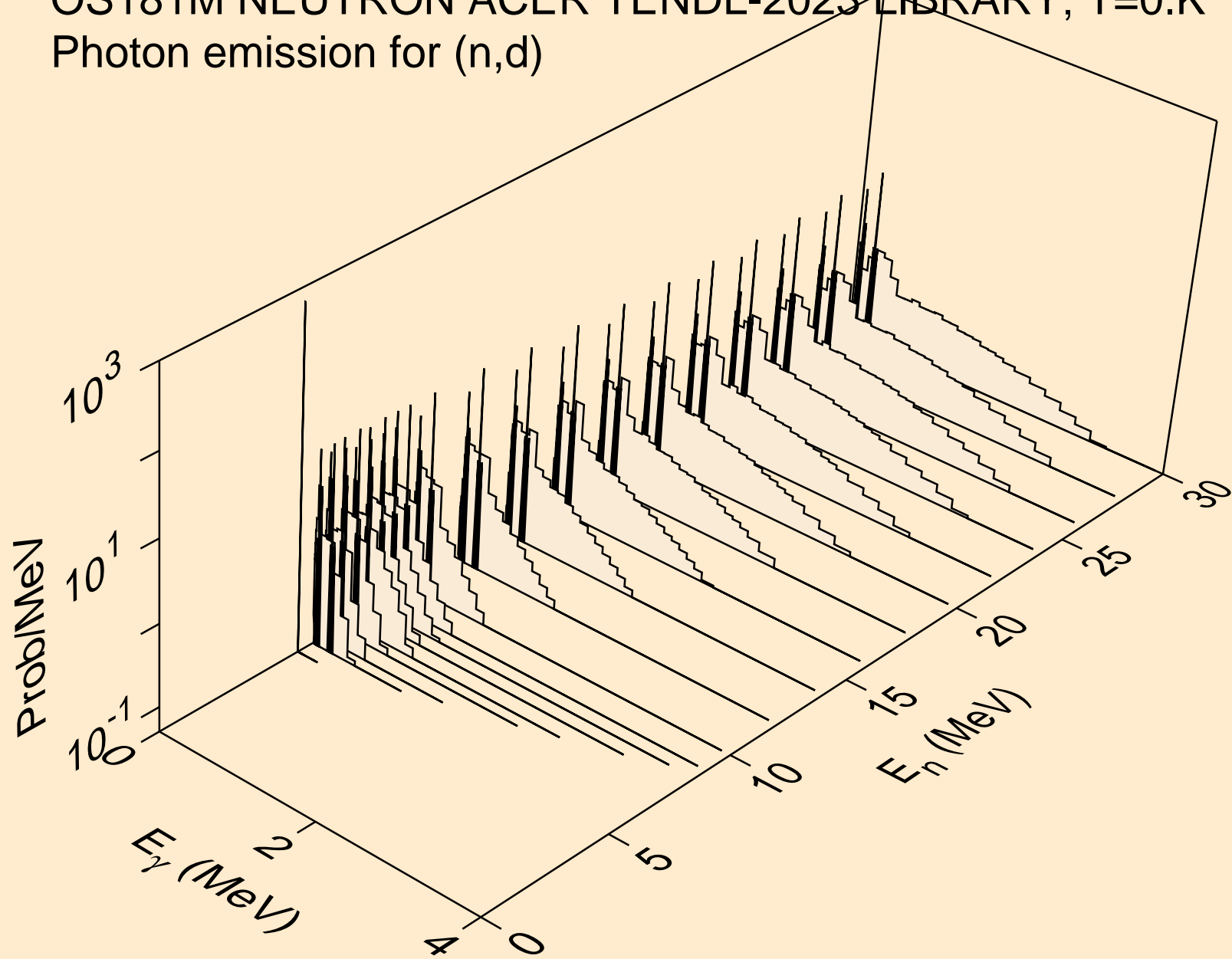
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



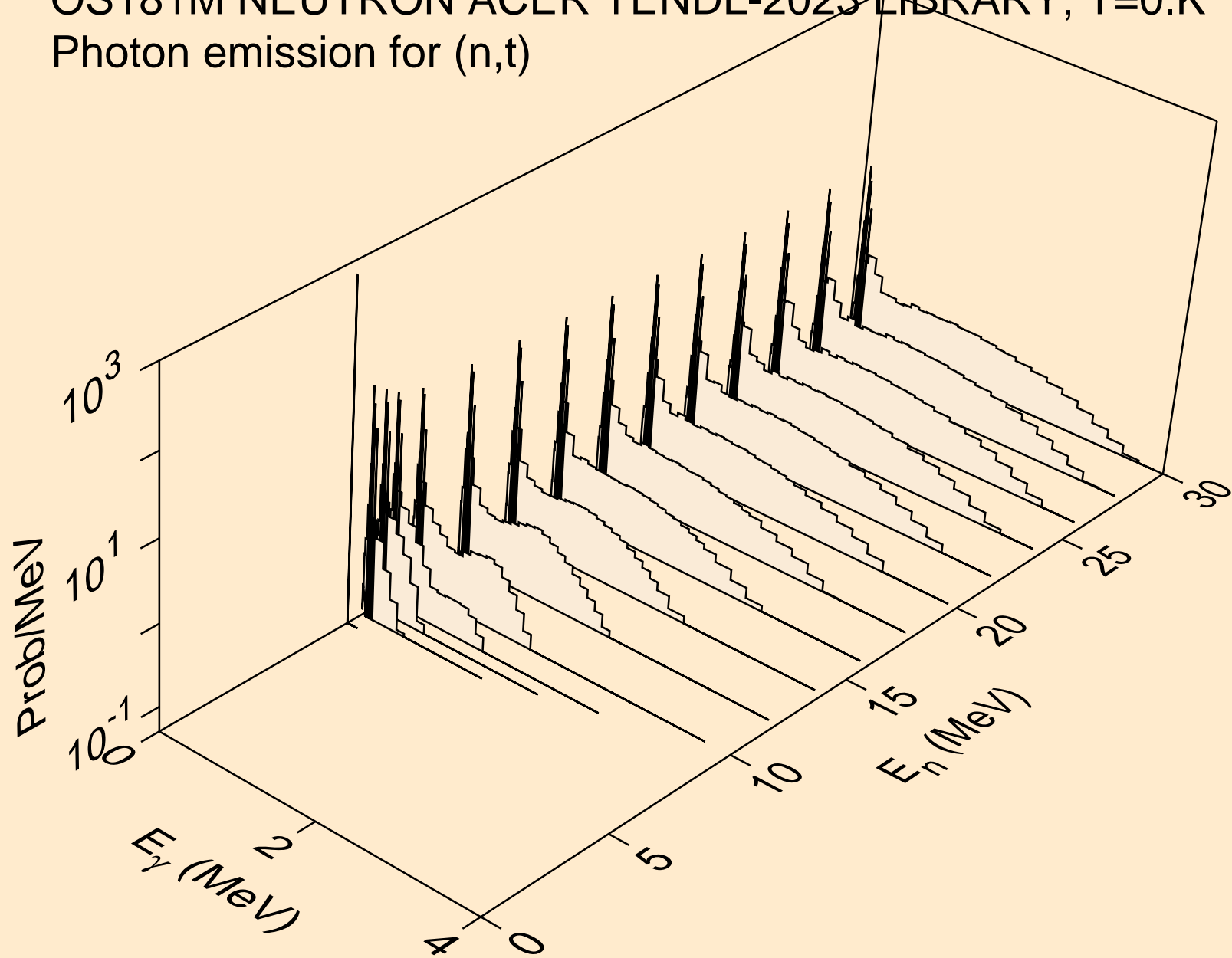
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



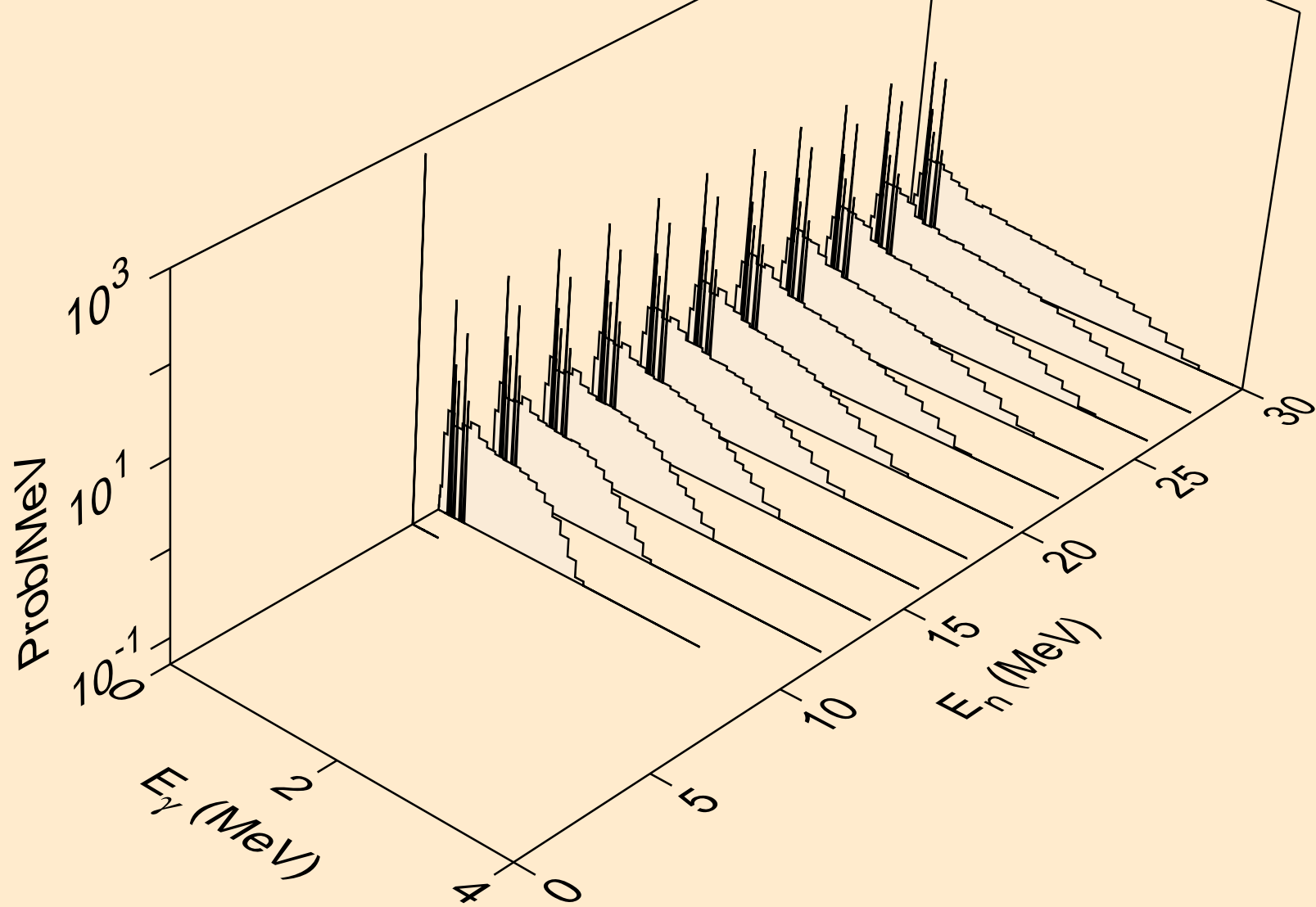
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



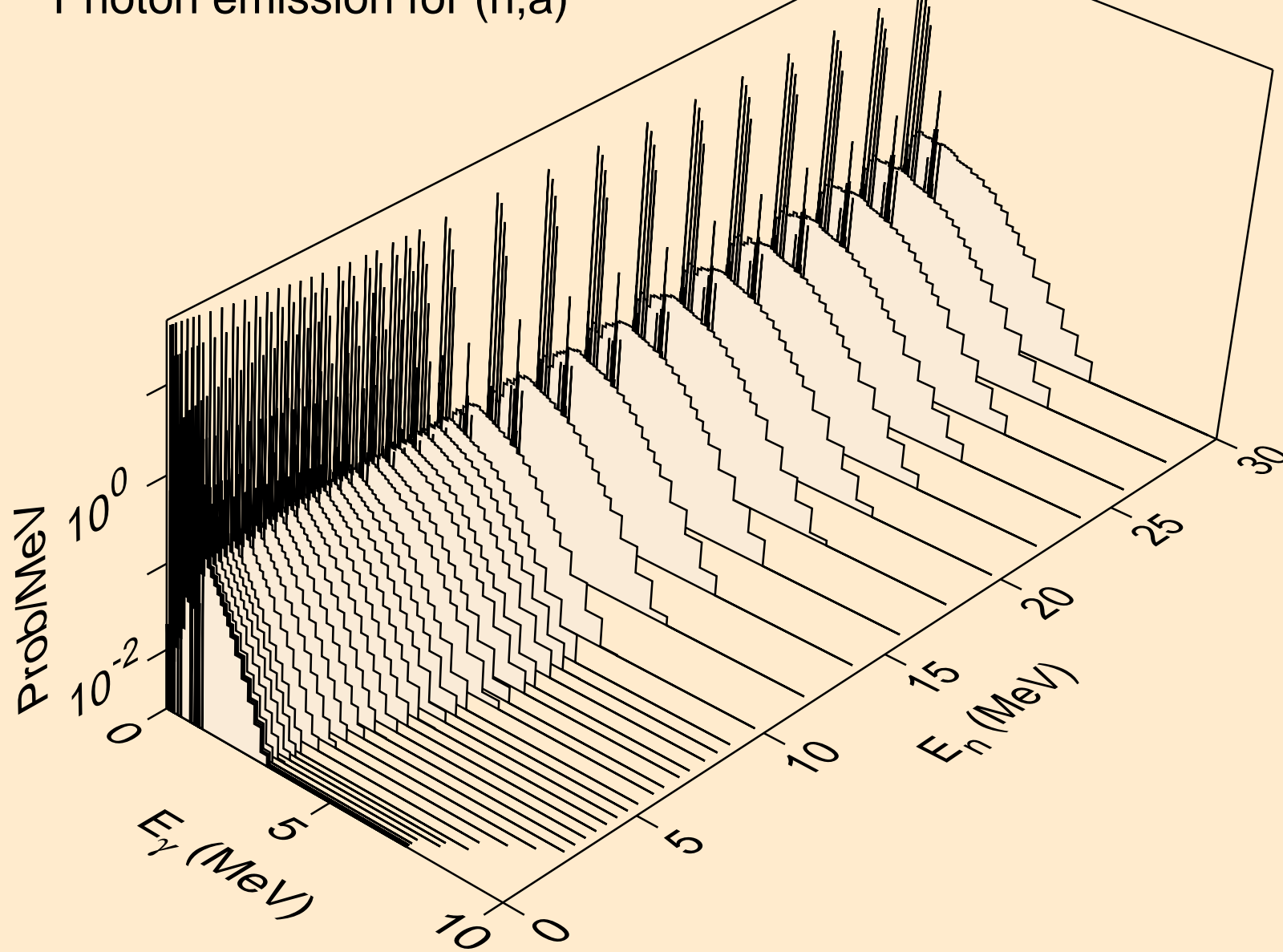
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

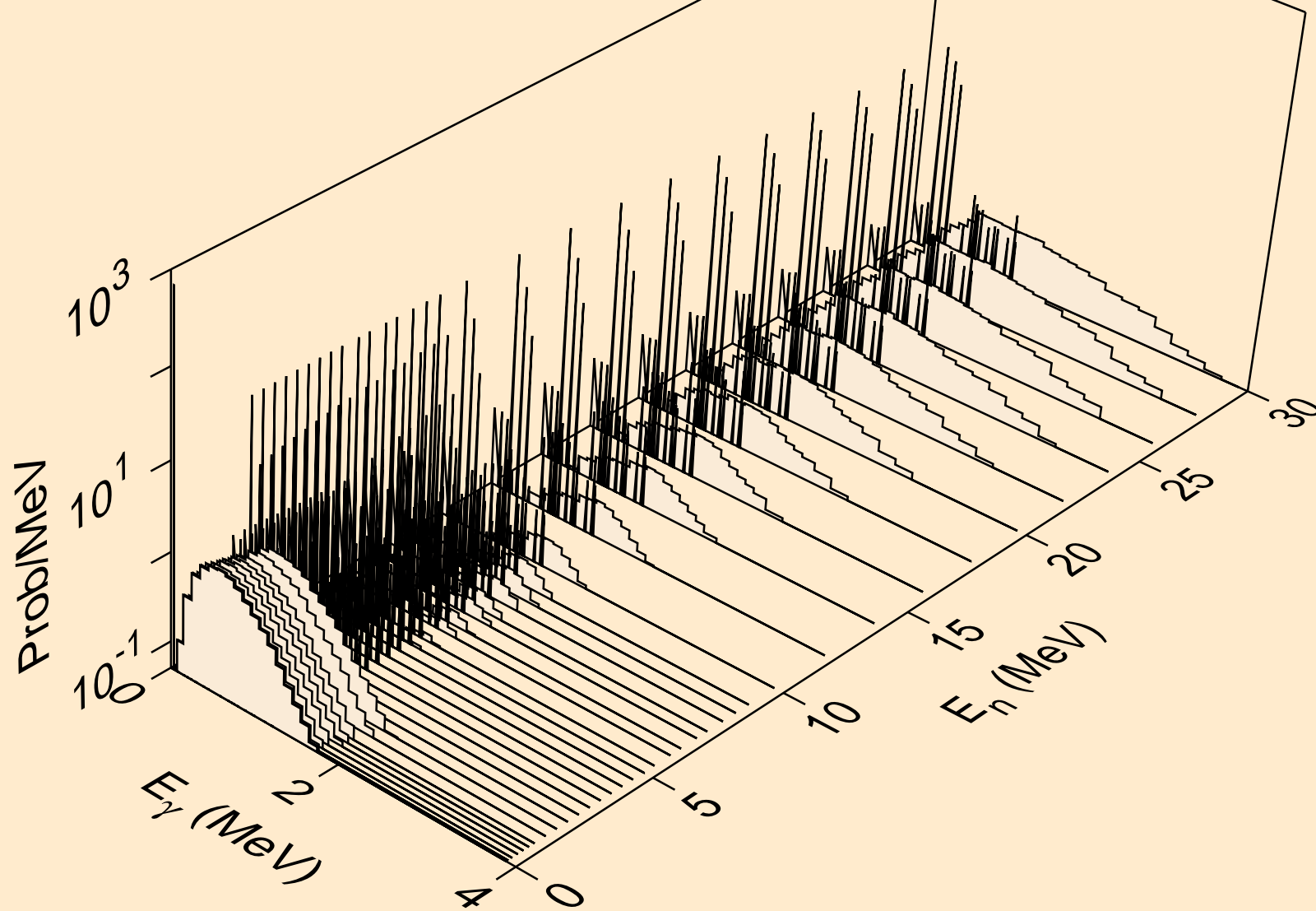


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

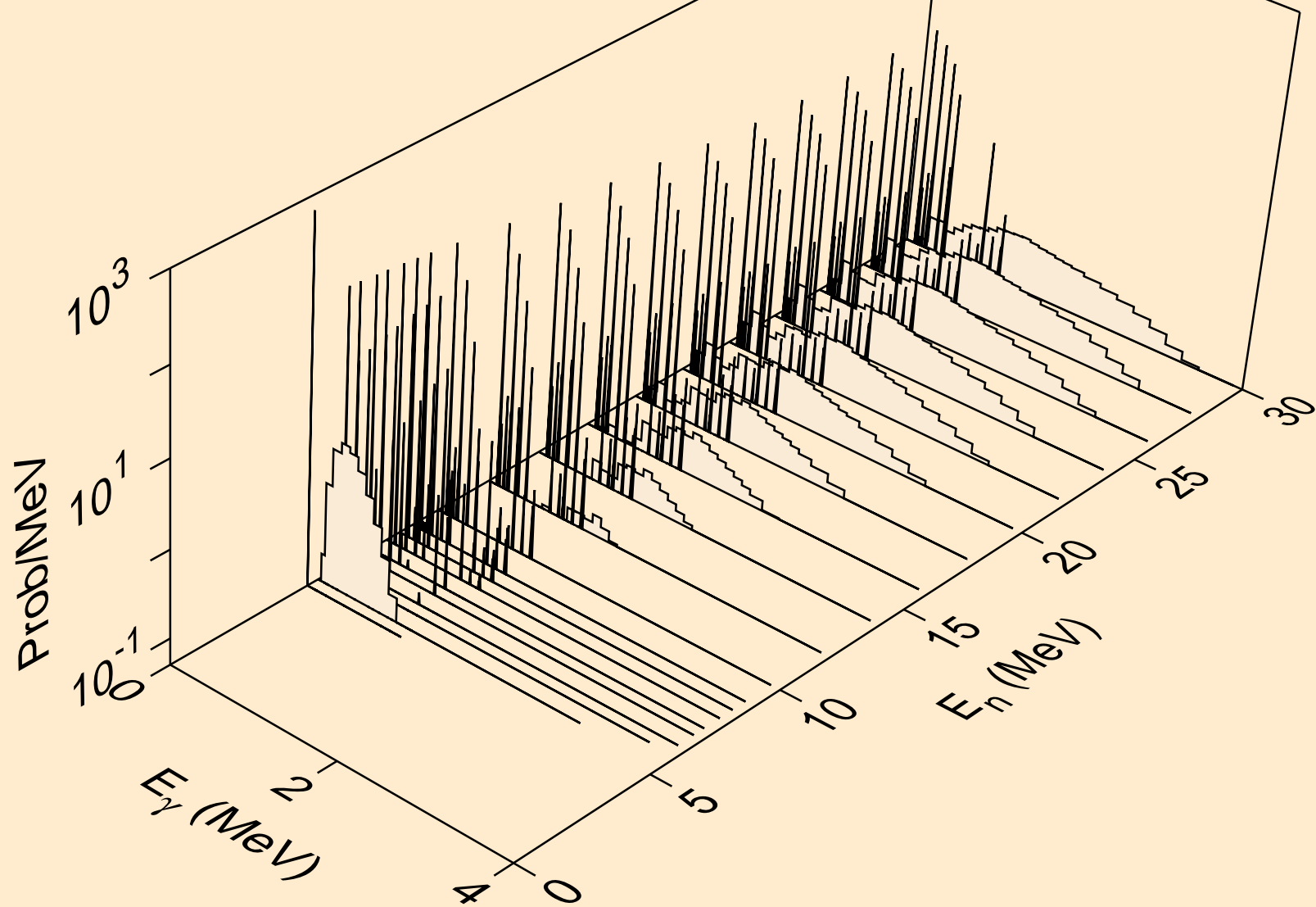




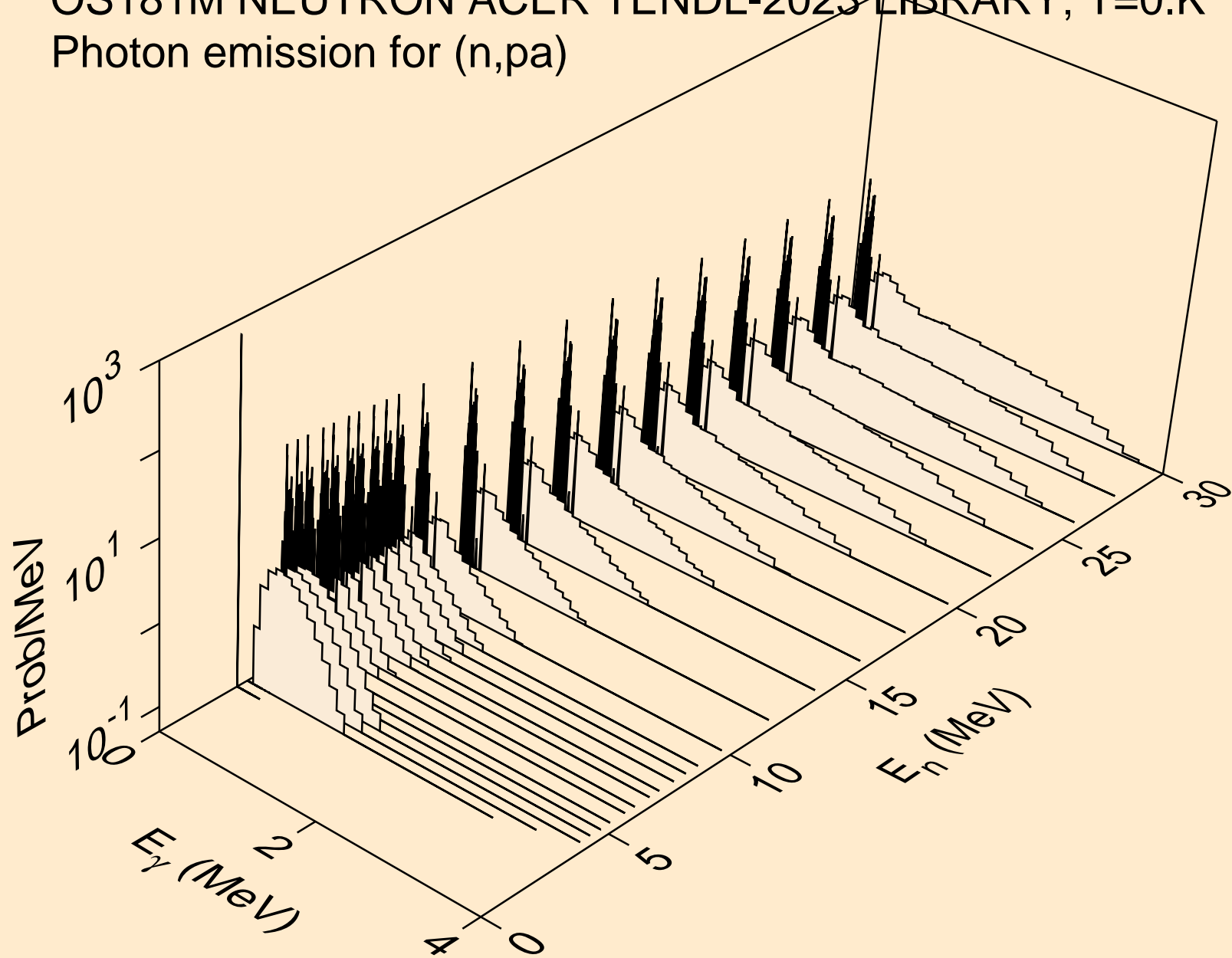
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



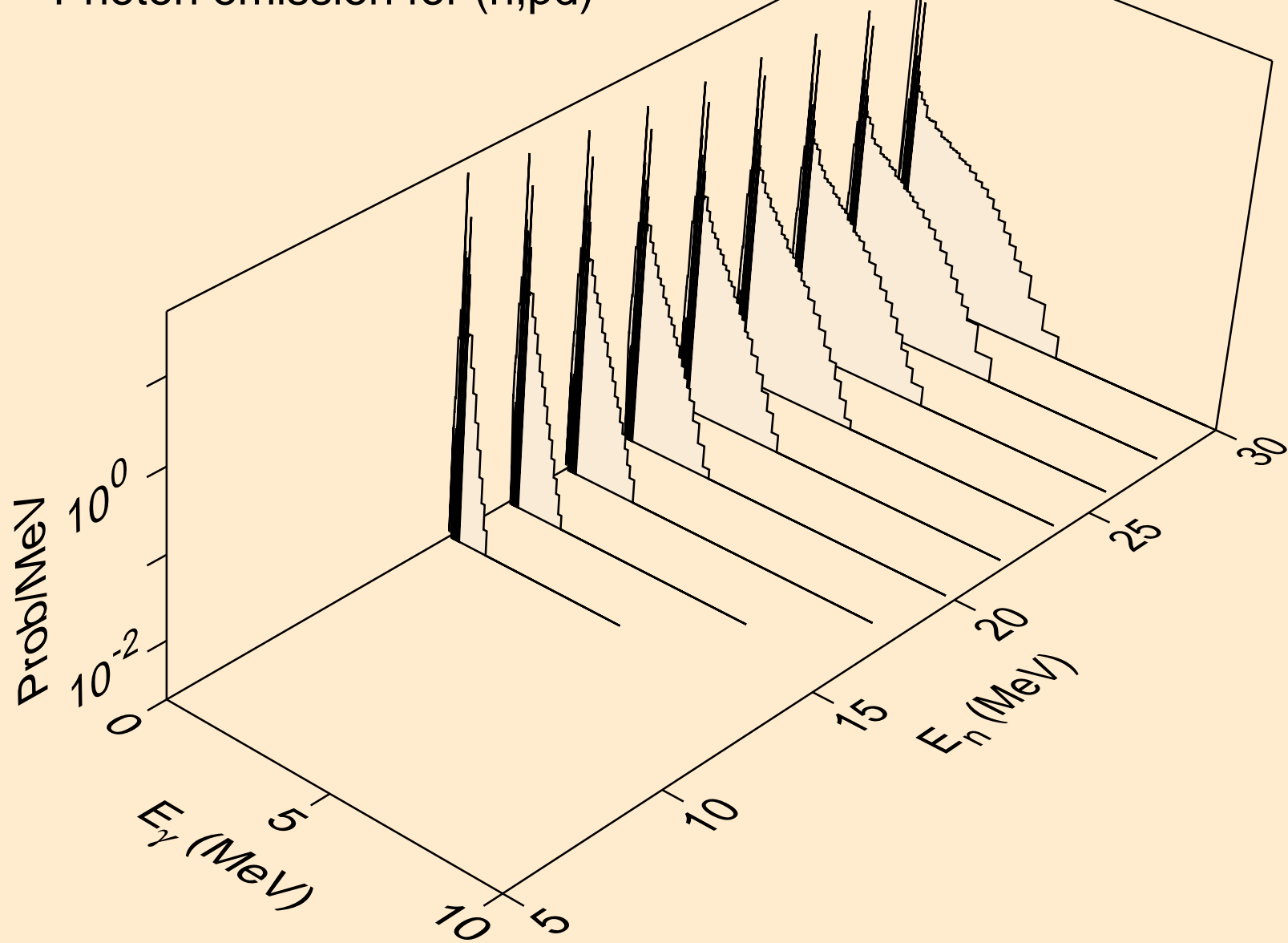
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



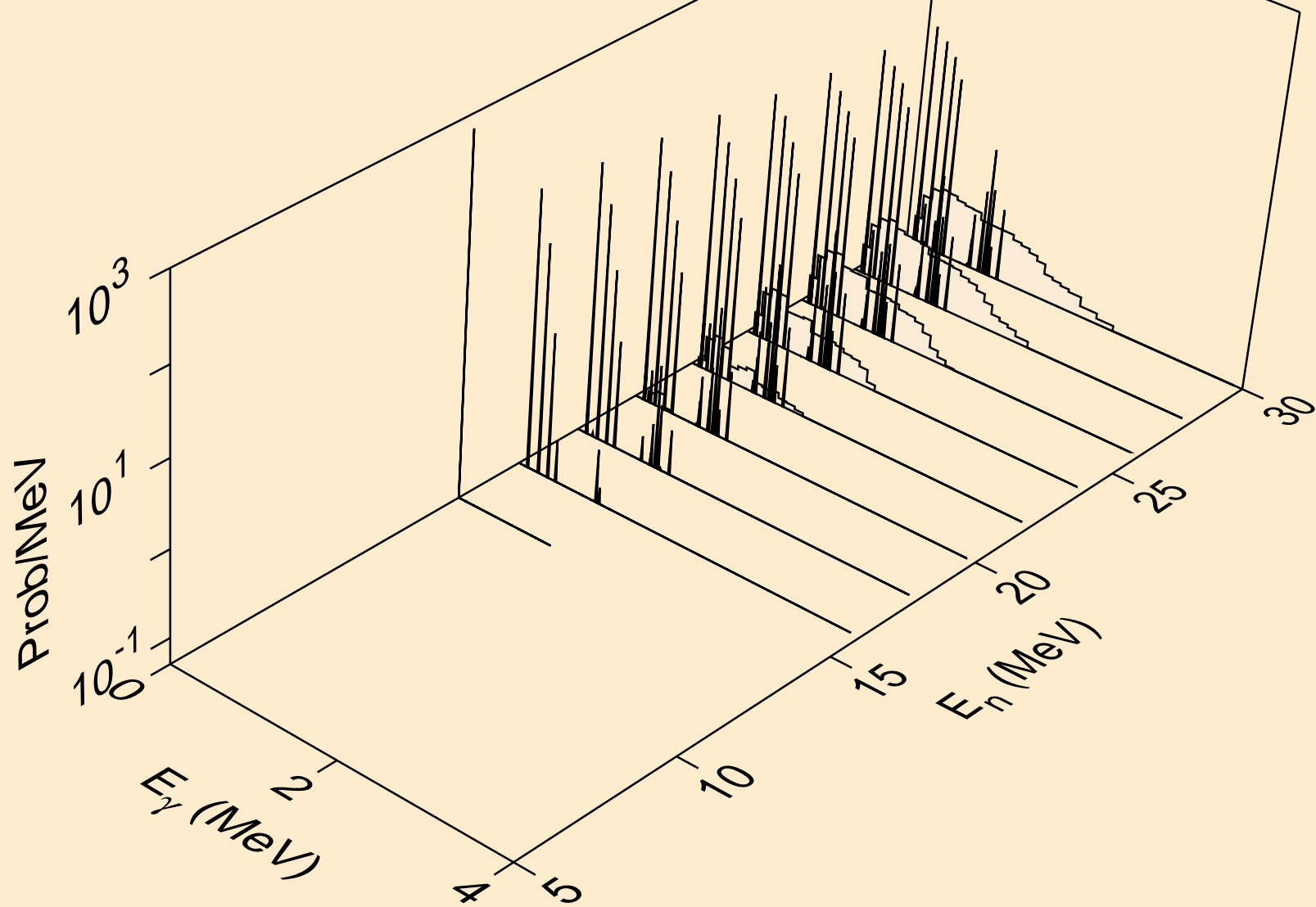
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



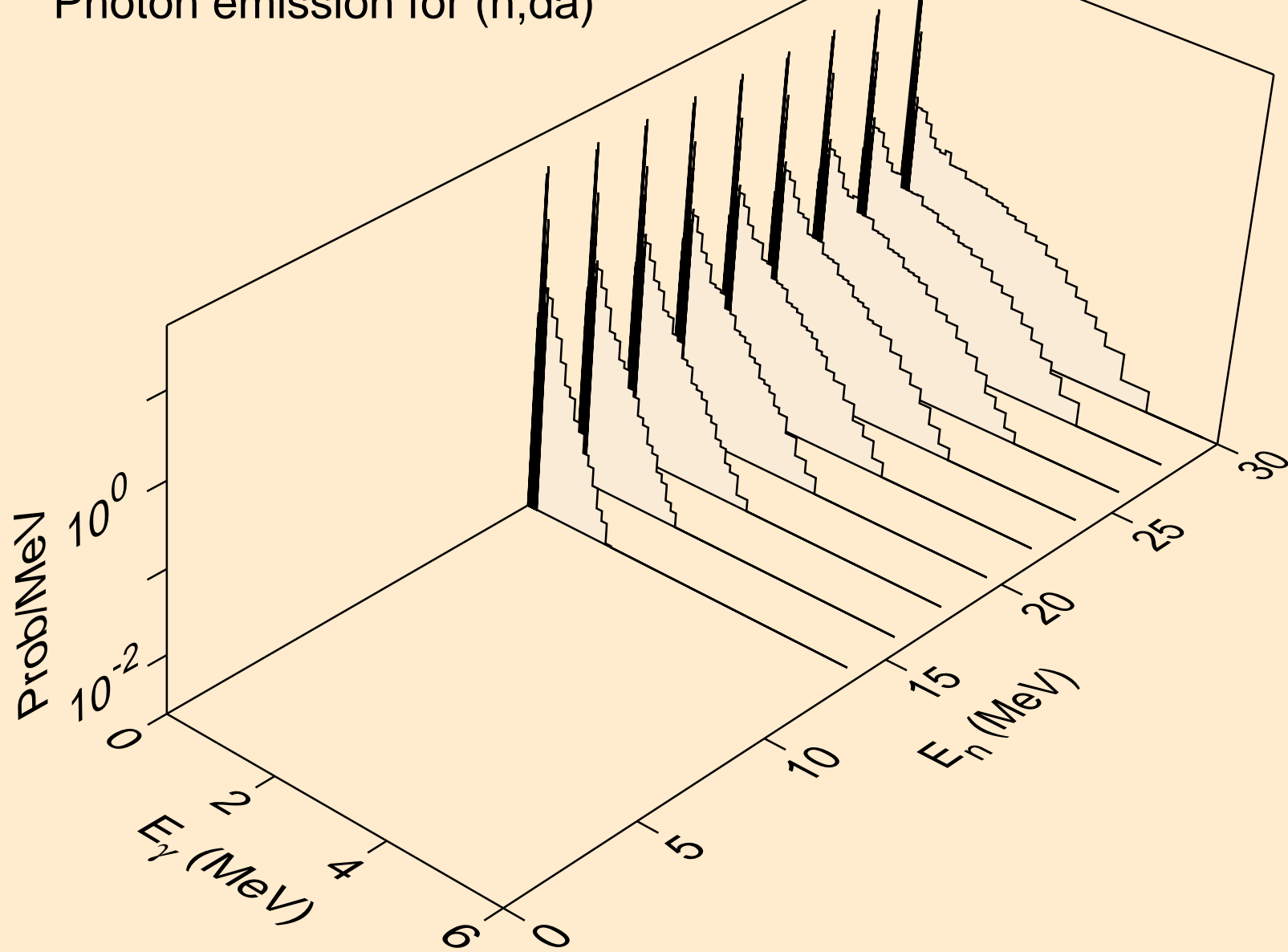
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



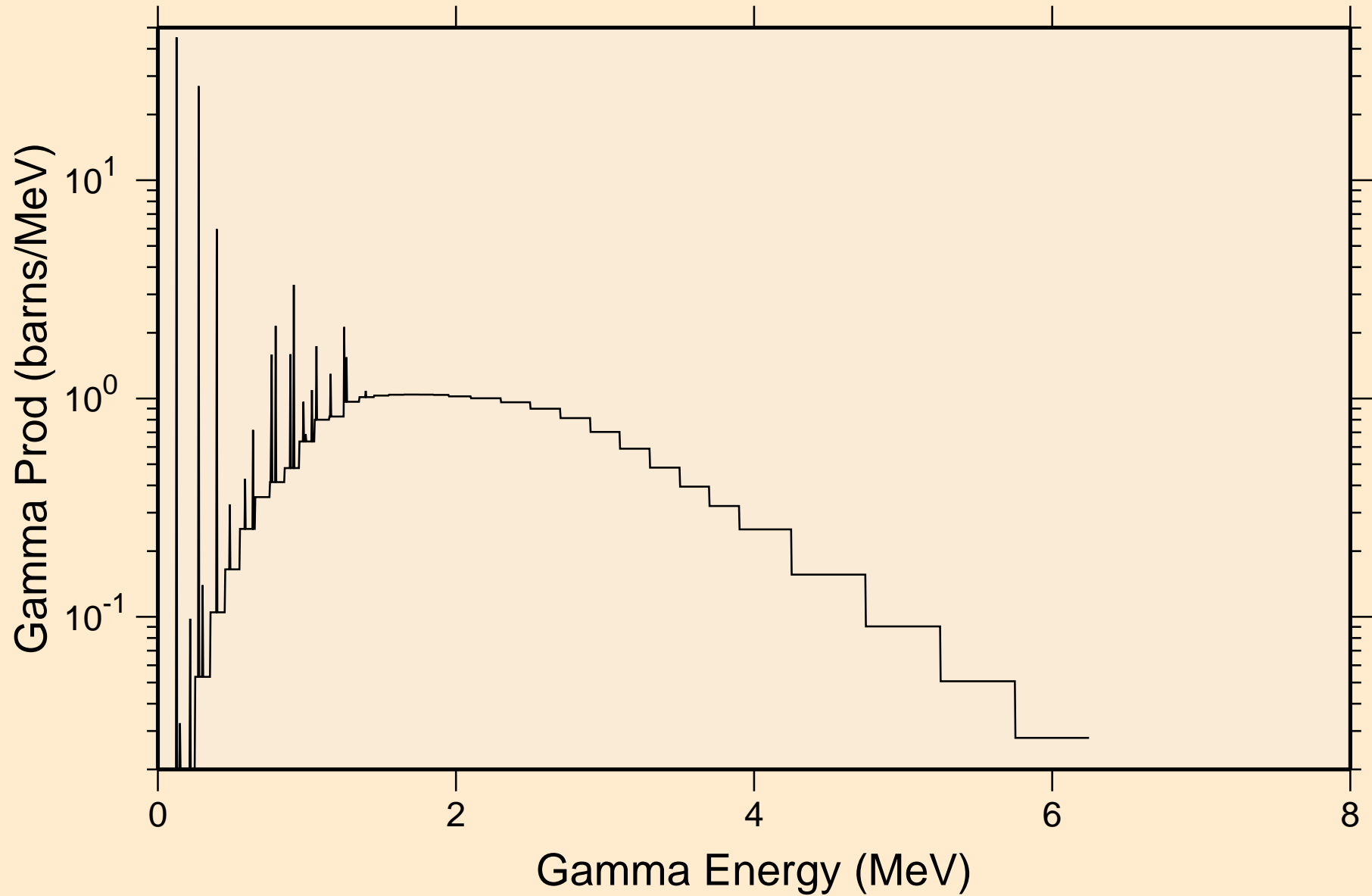
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



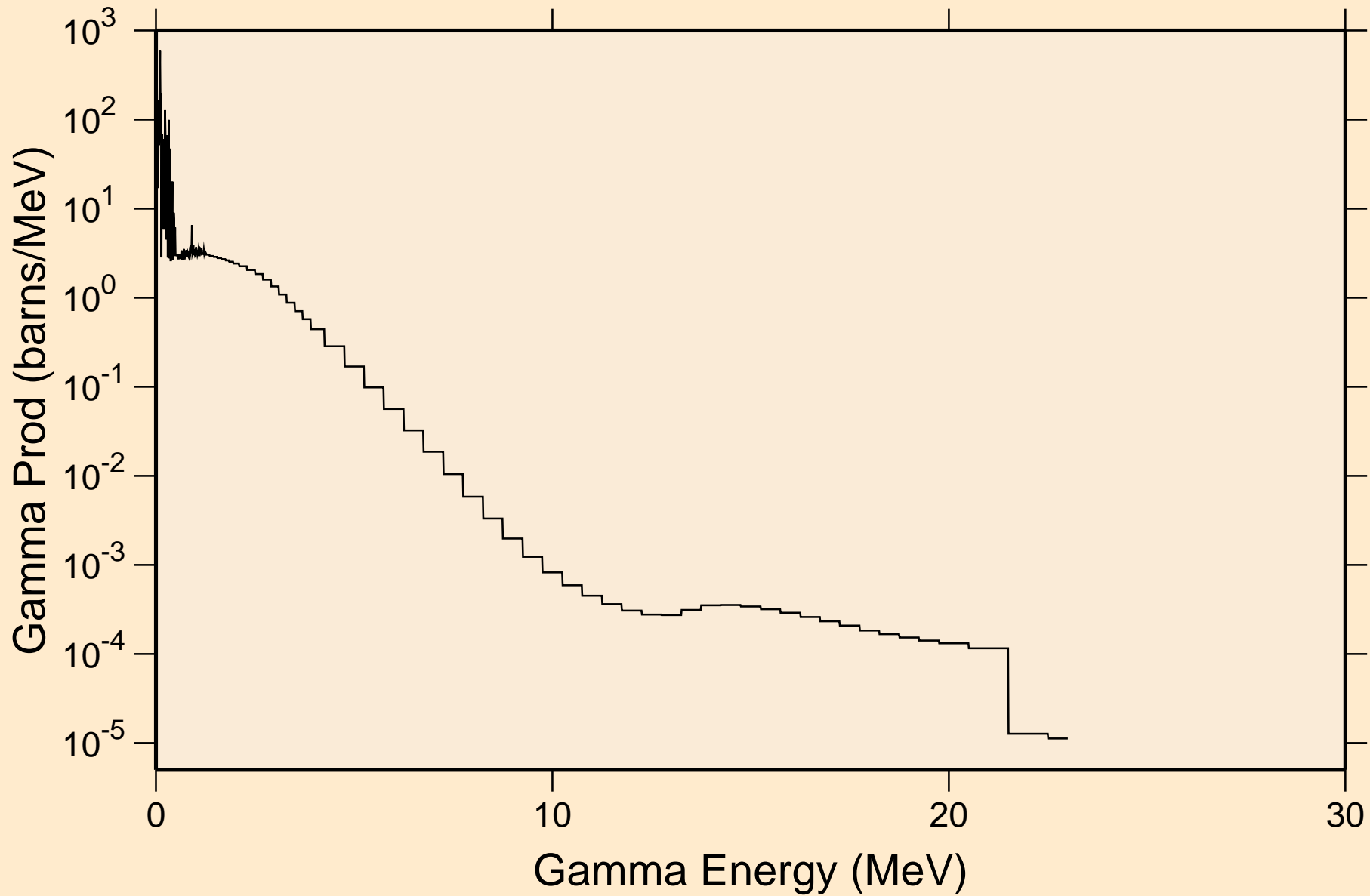
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

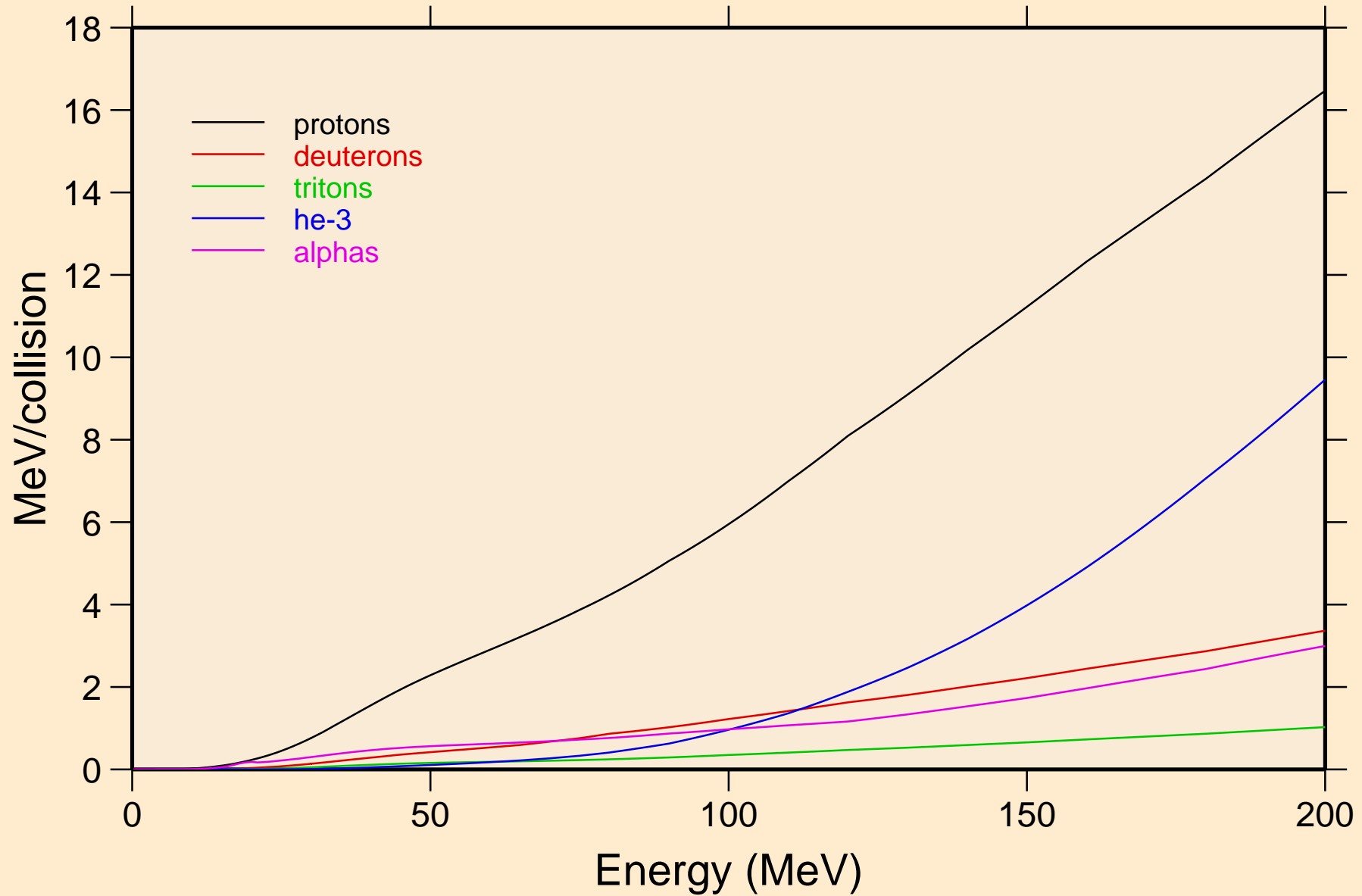


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



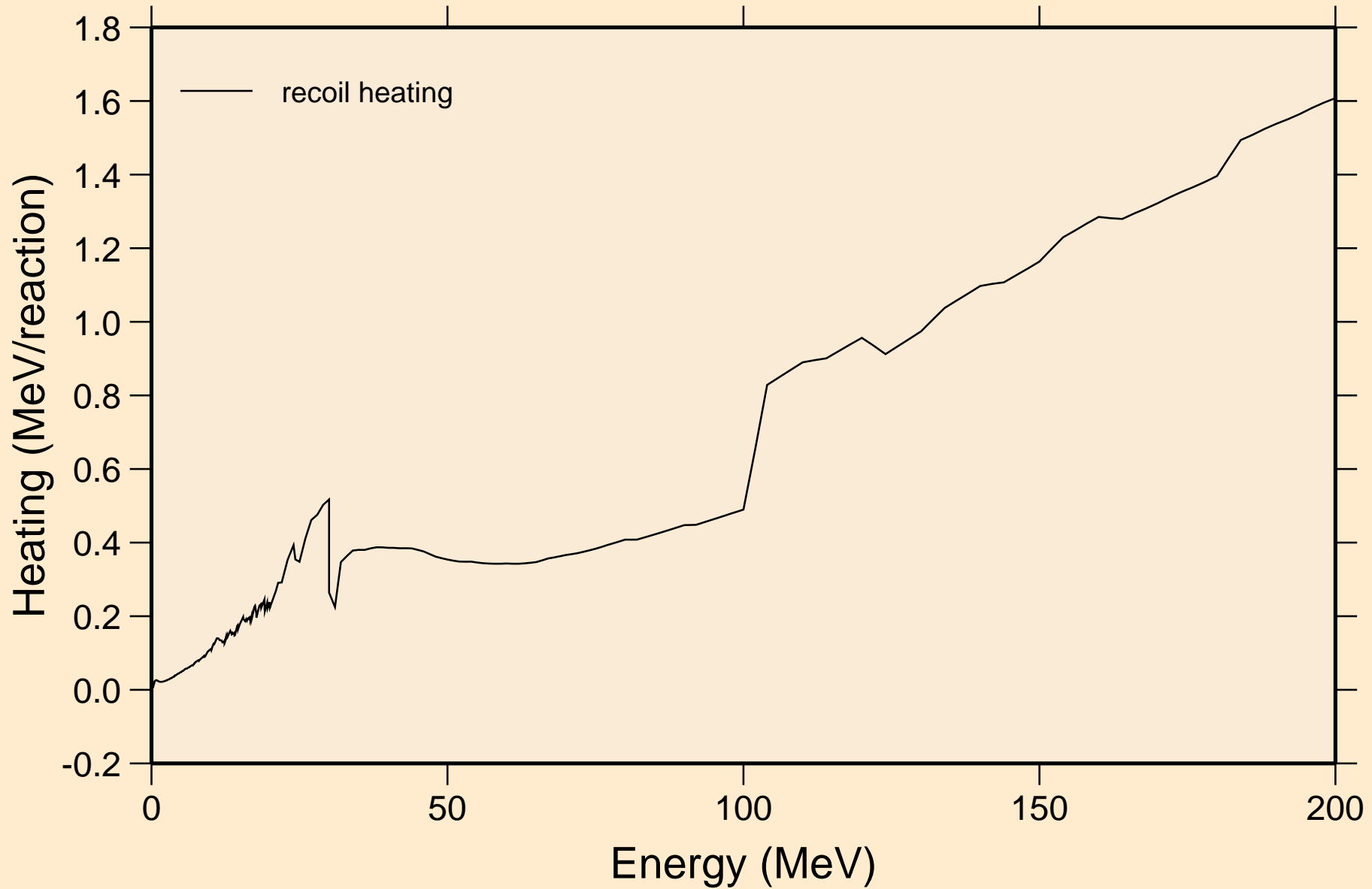


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

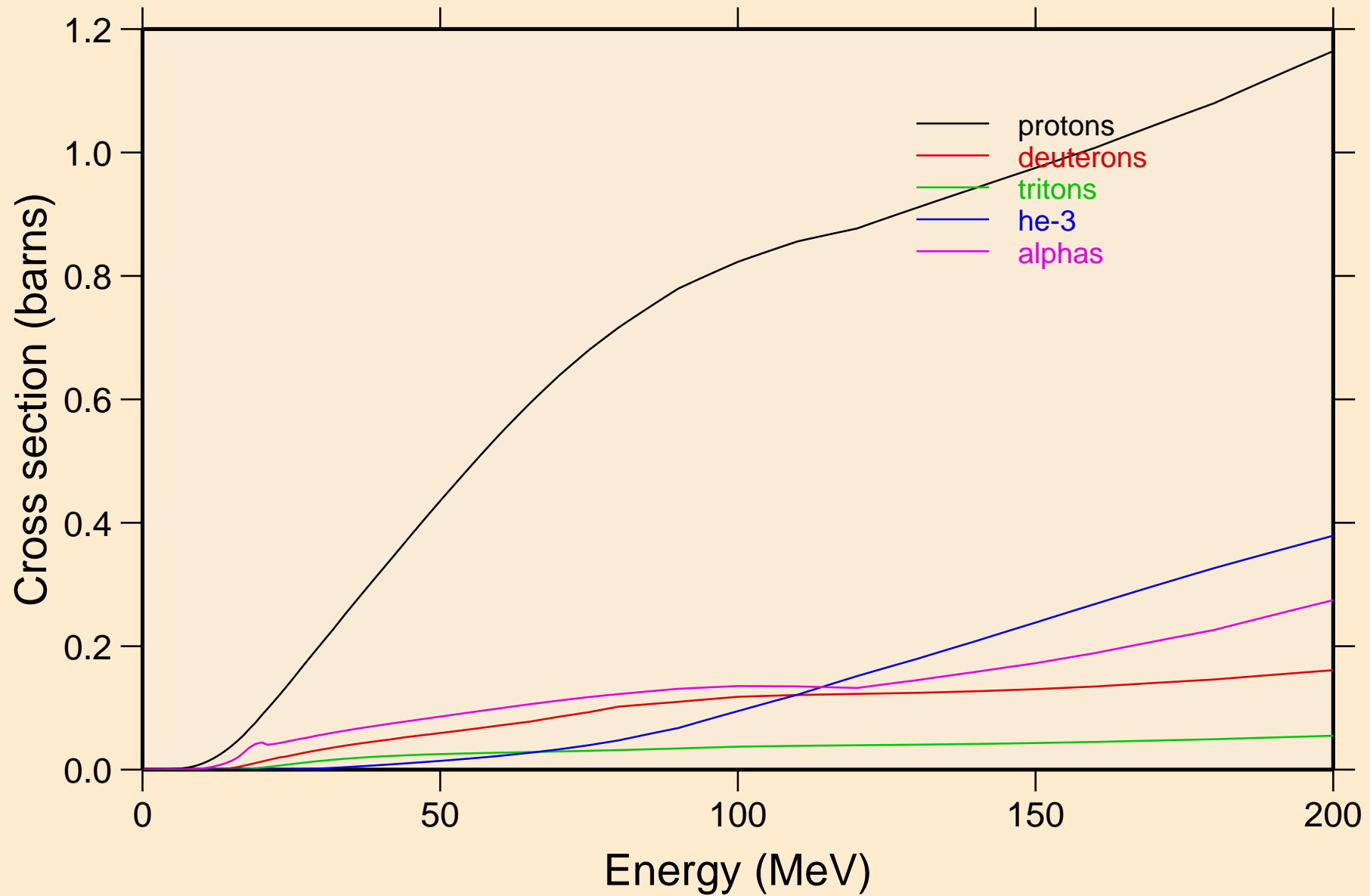


# OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

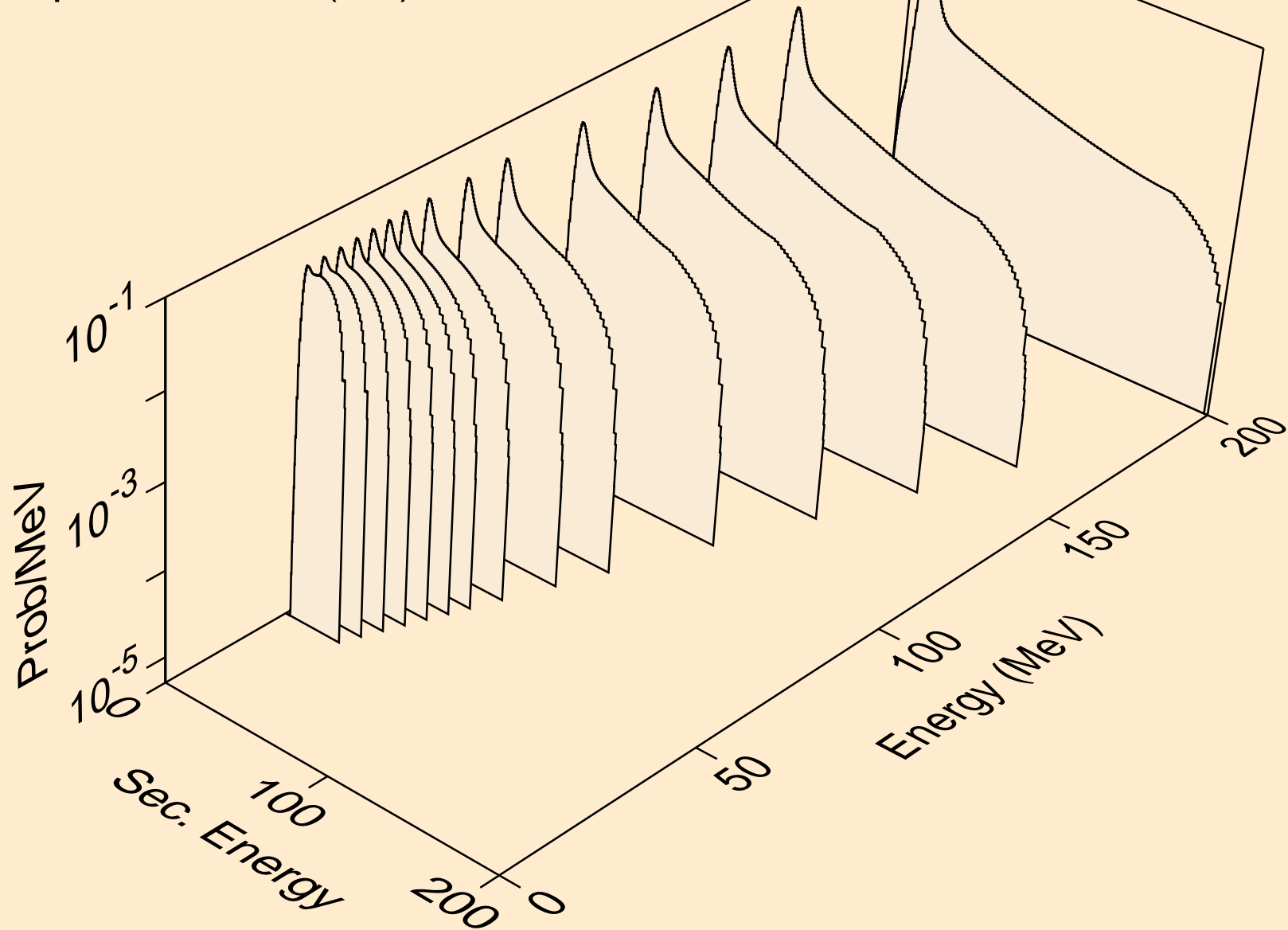
## Recoil Heating



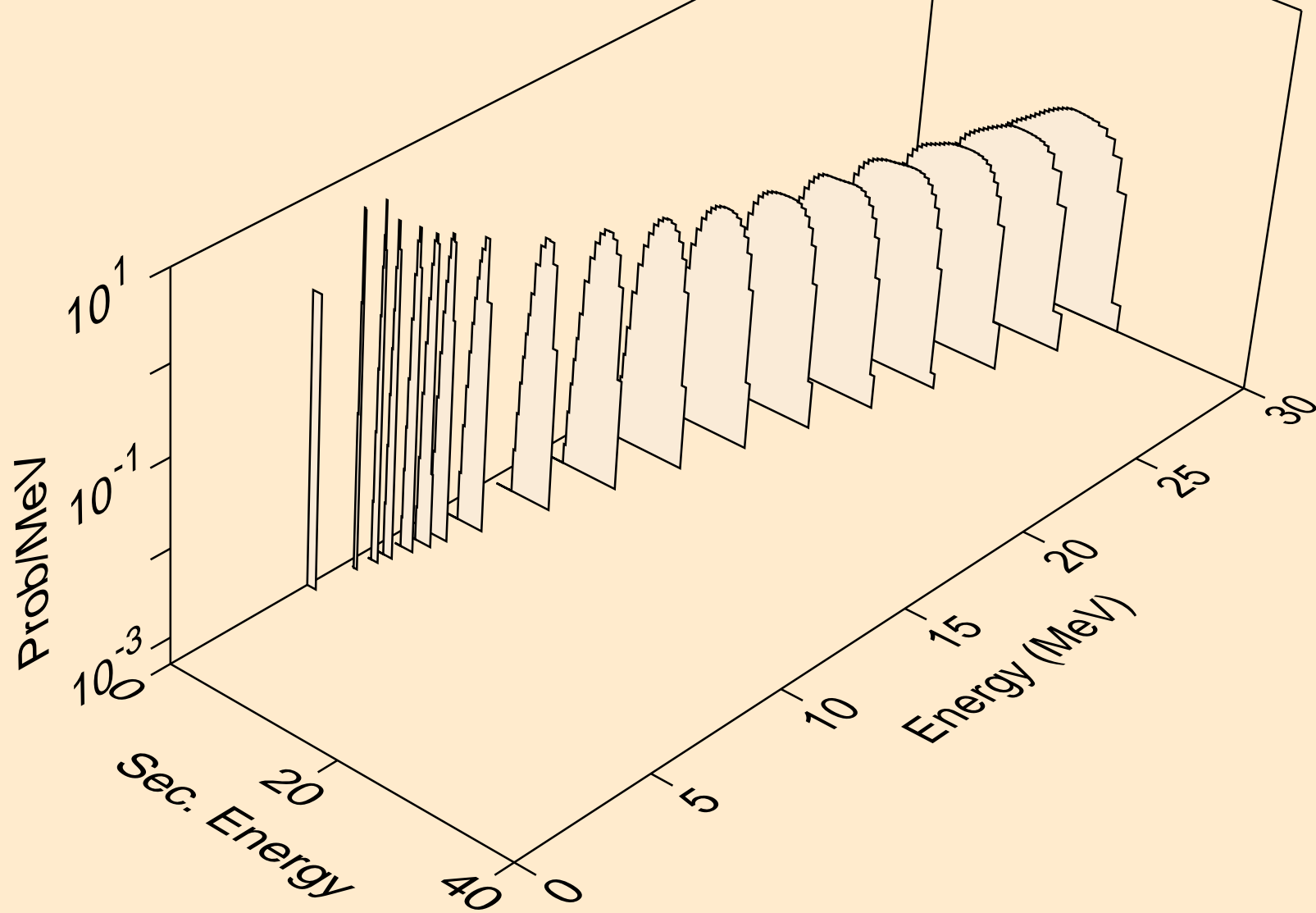
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



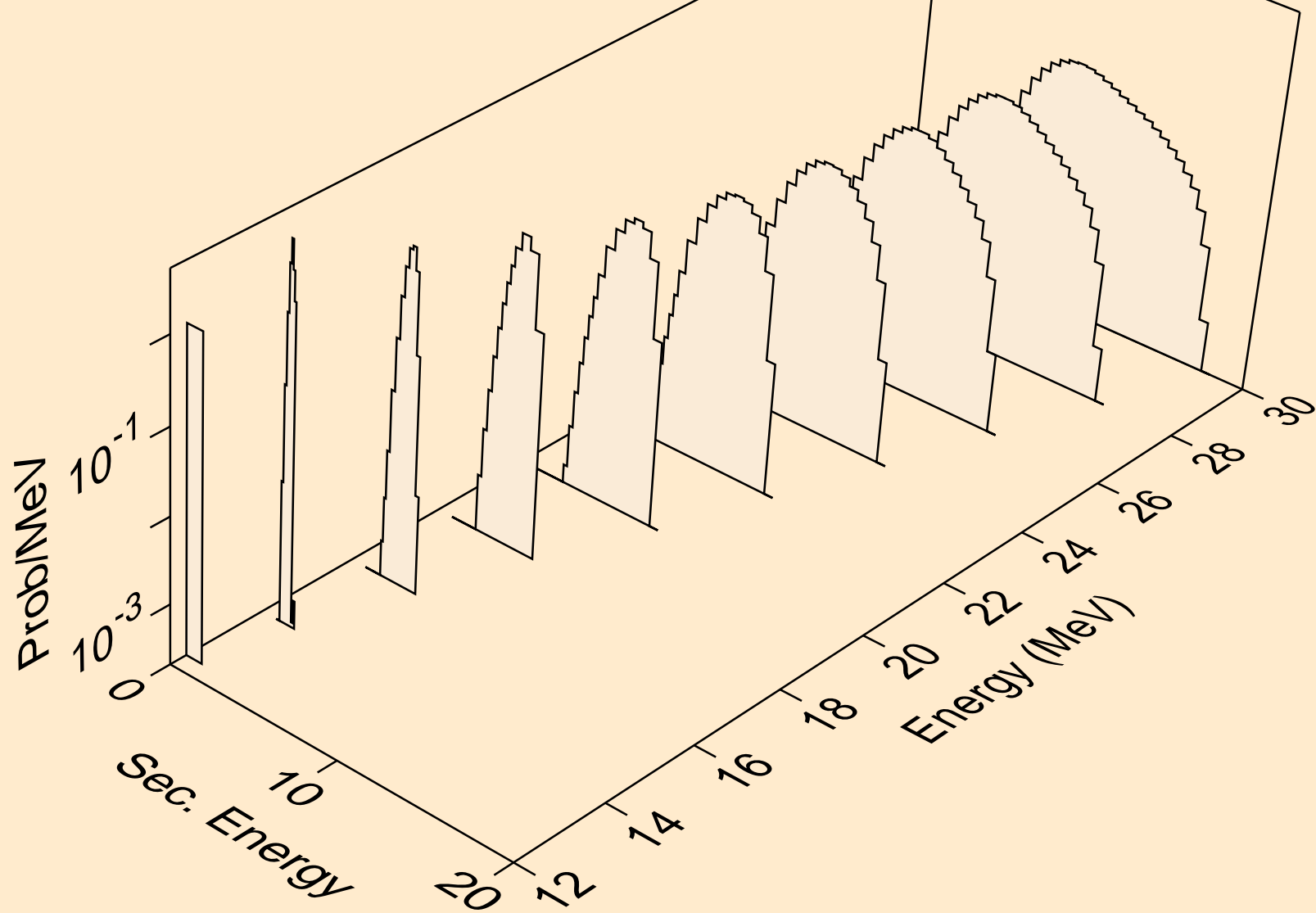
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



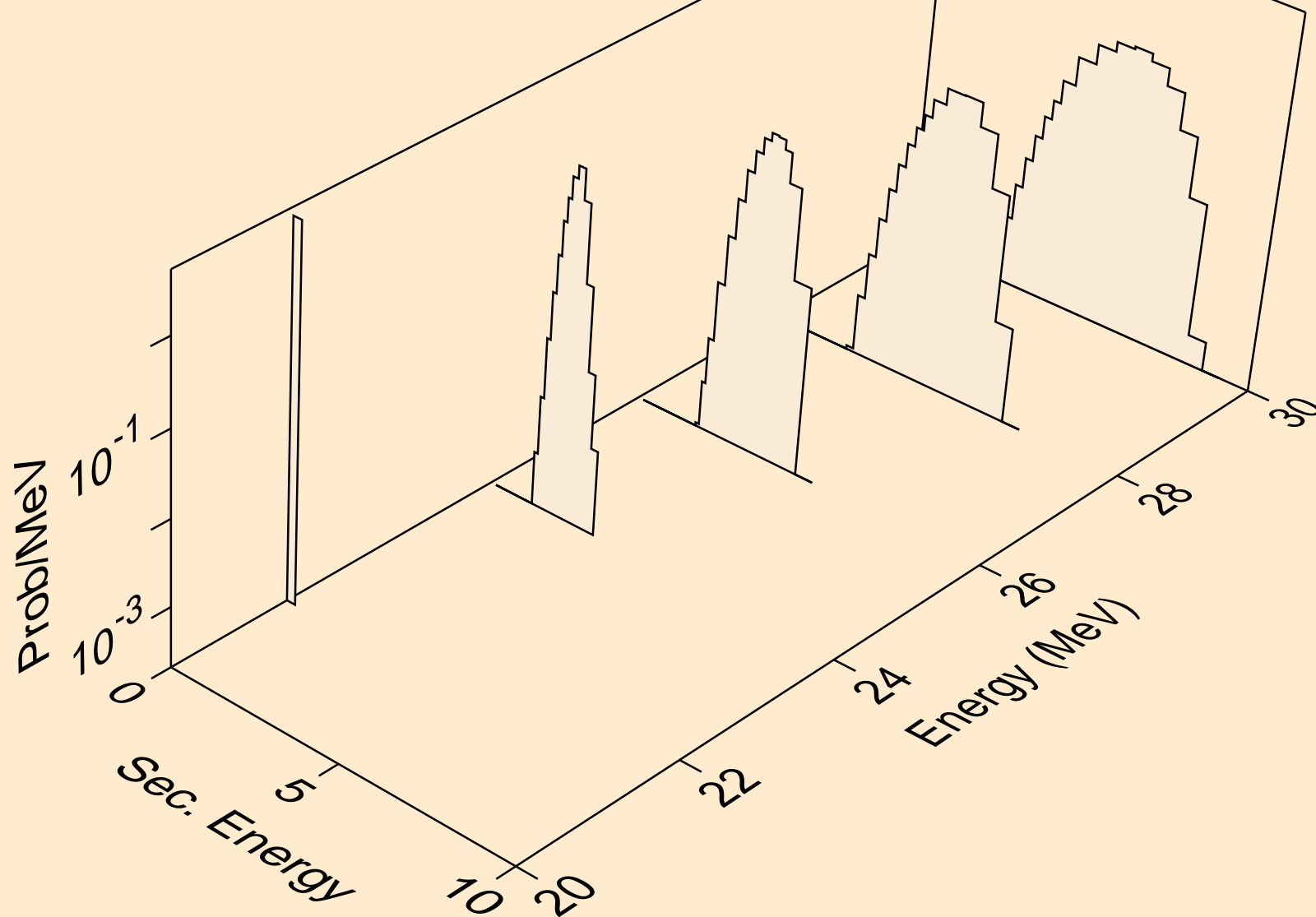
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



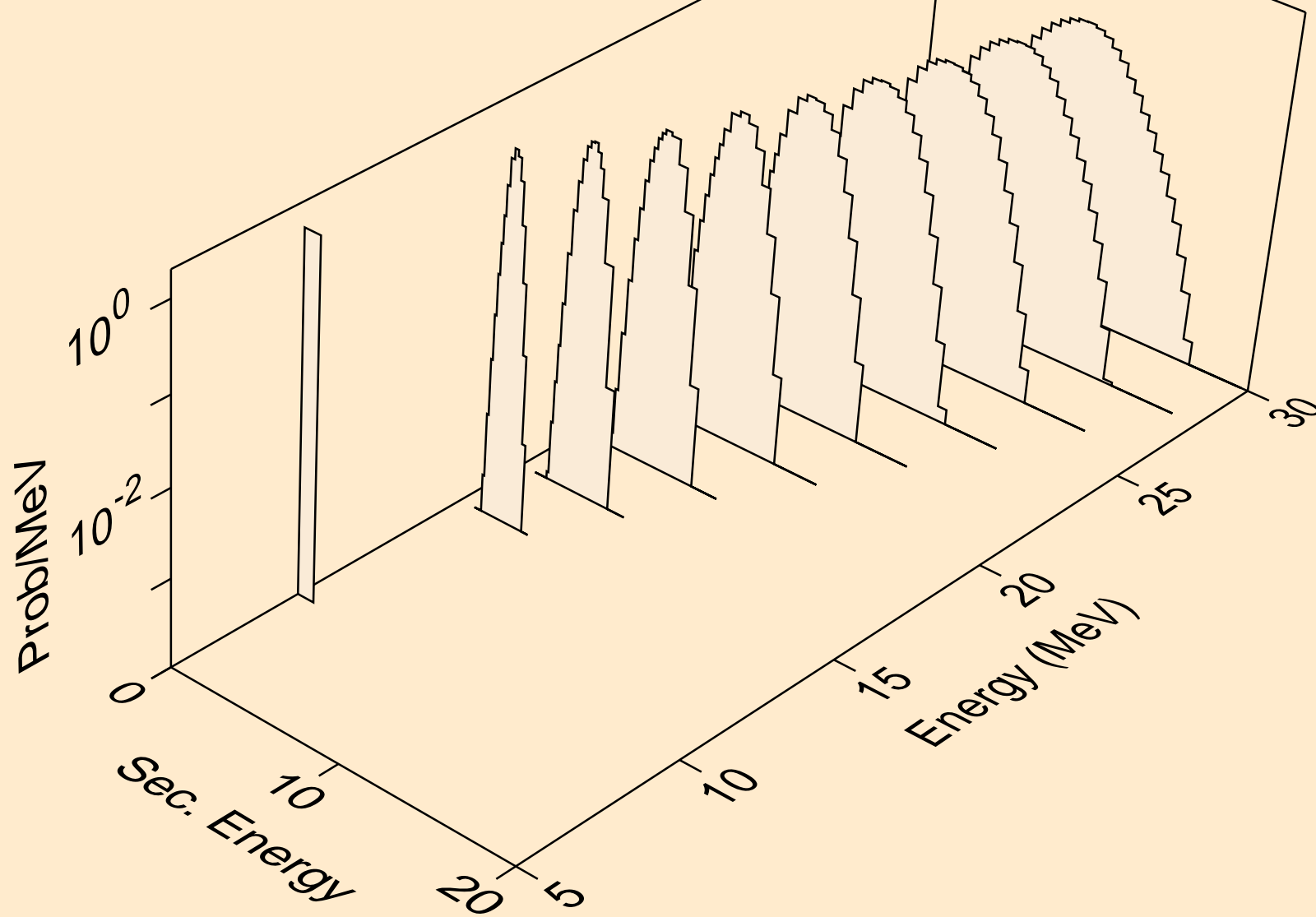
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

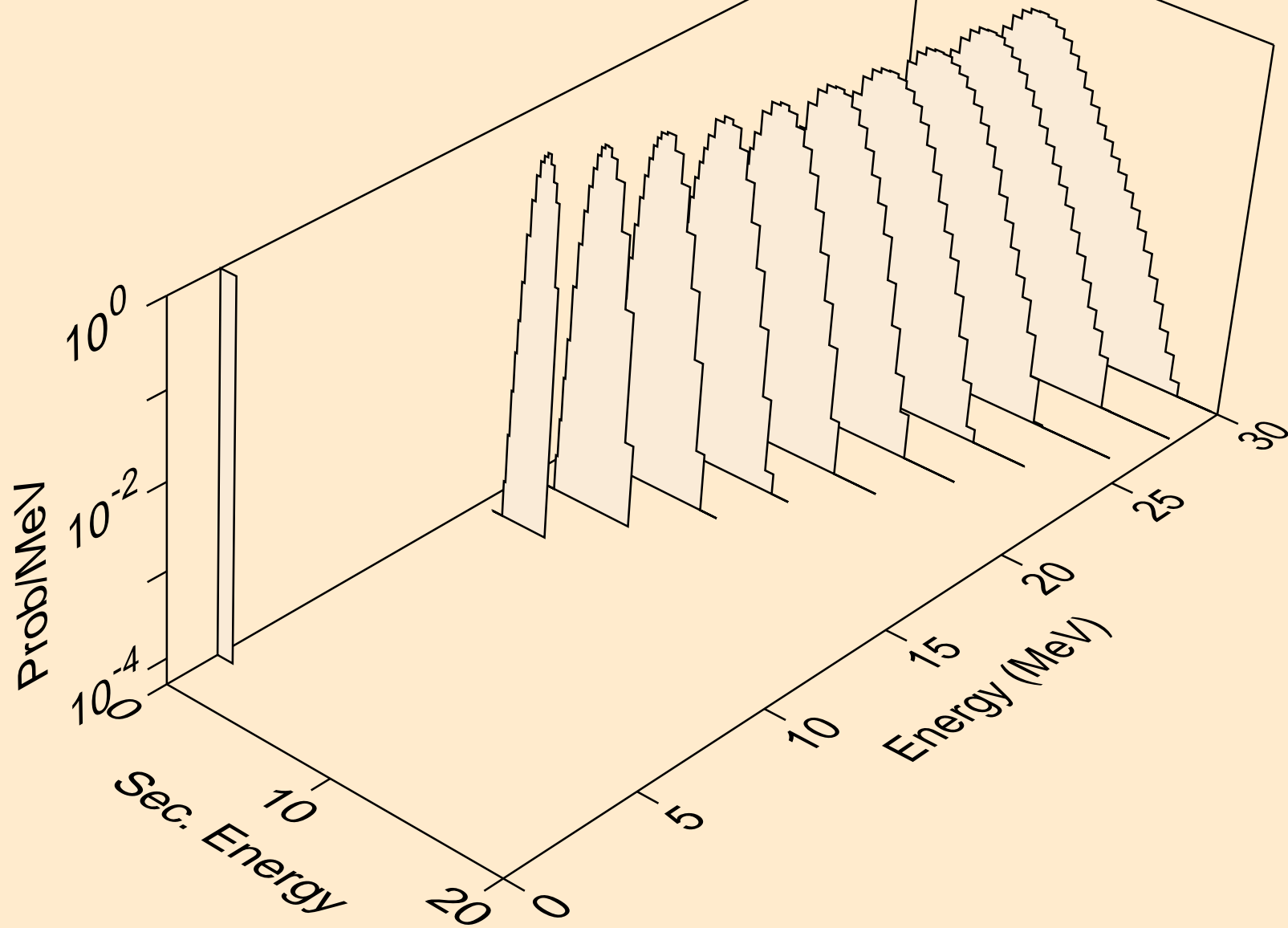


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)

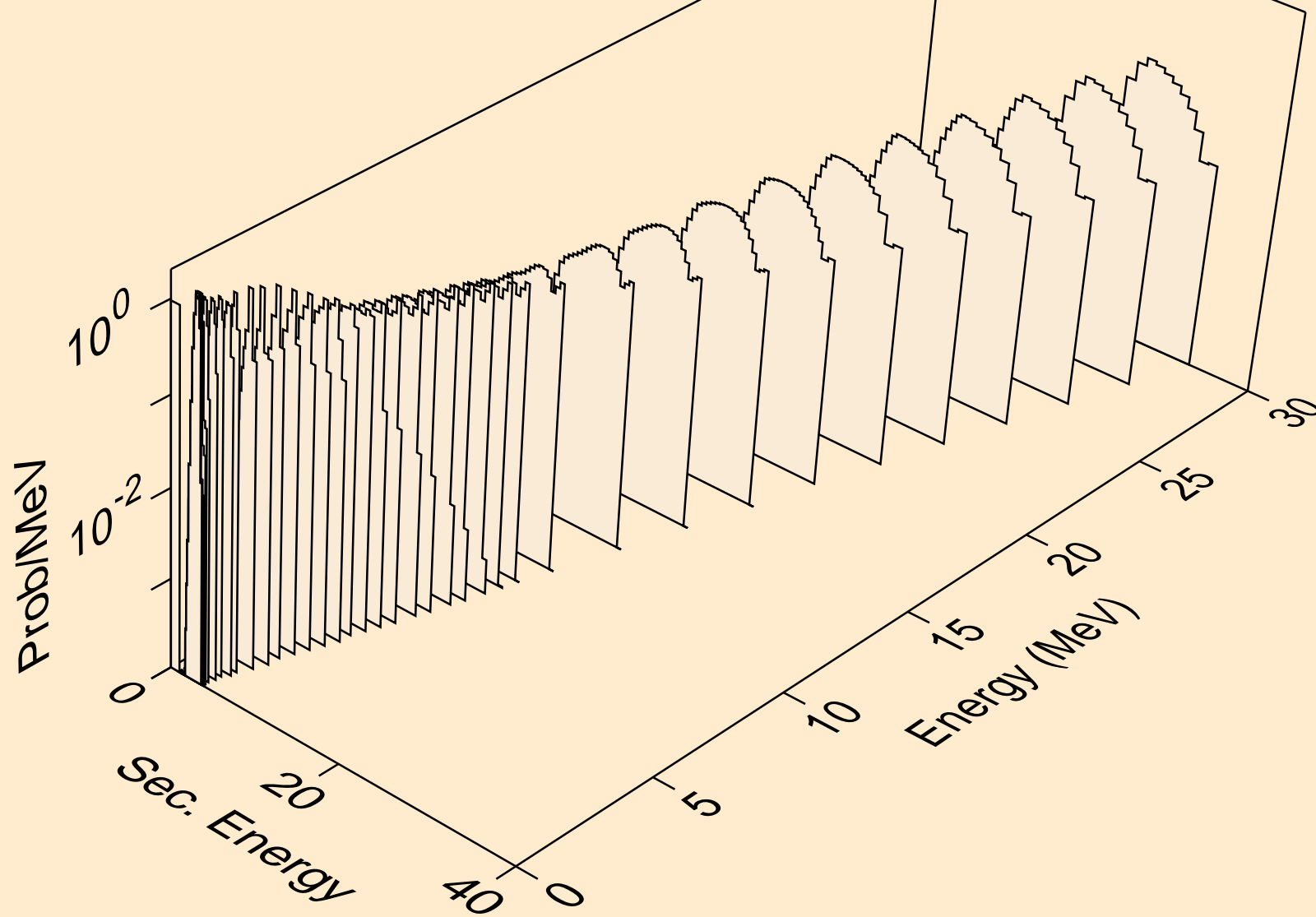




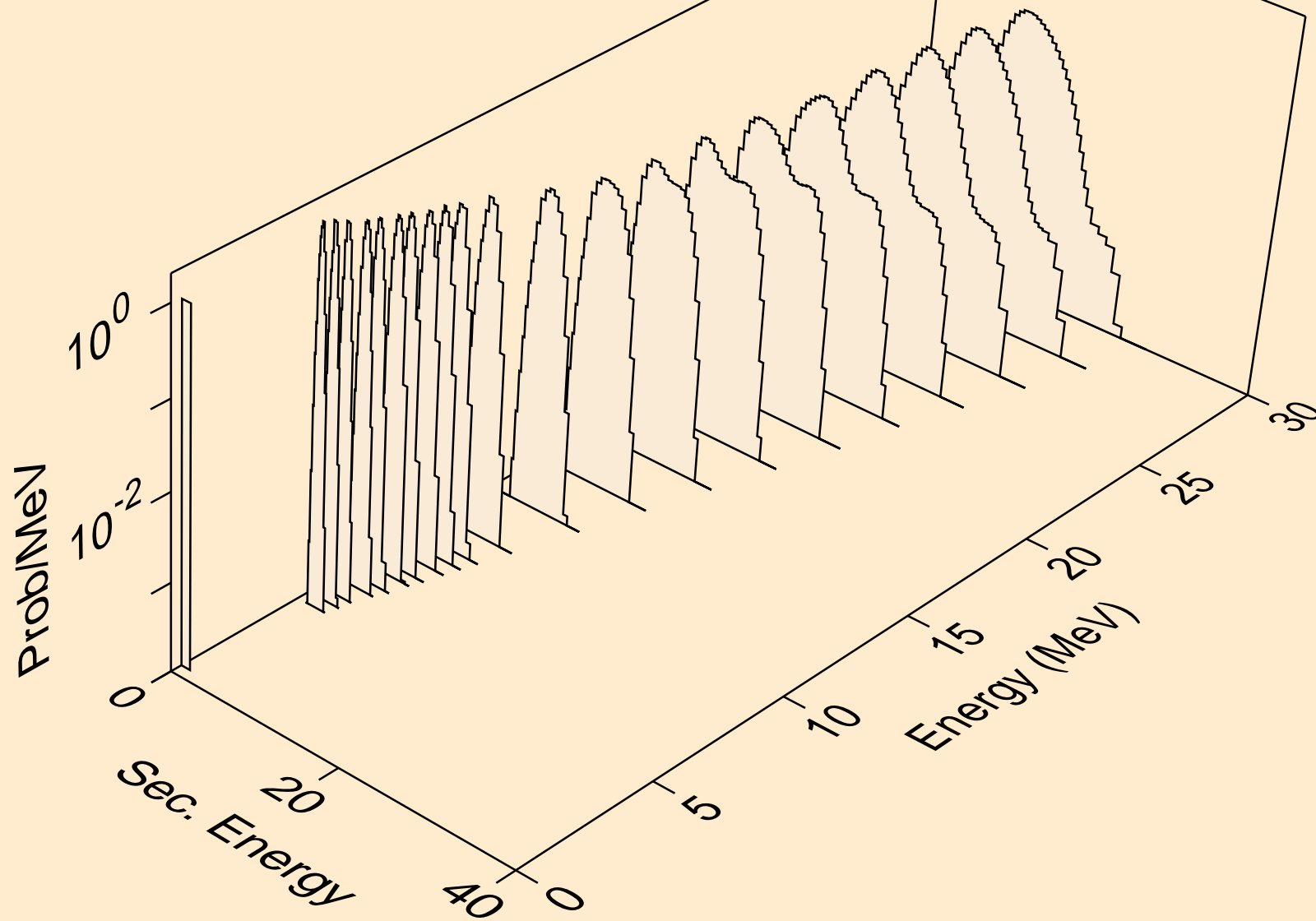
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)



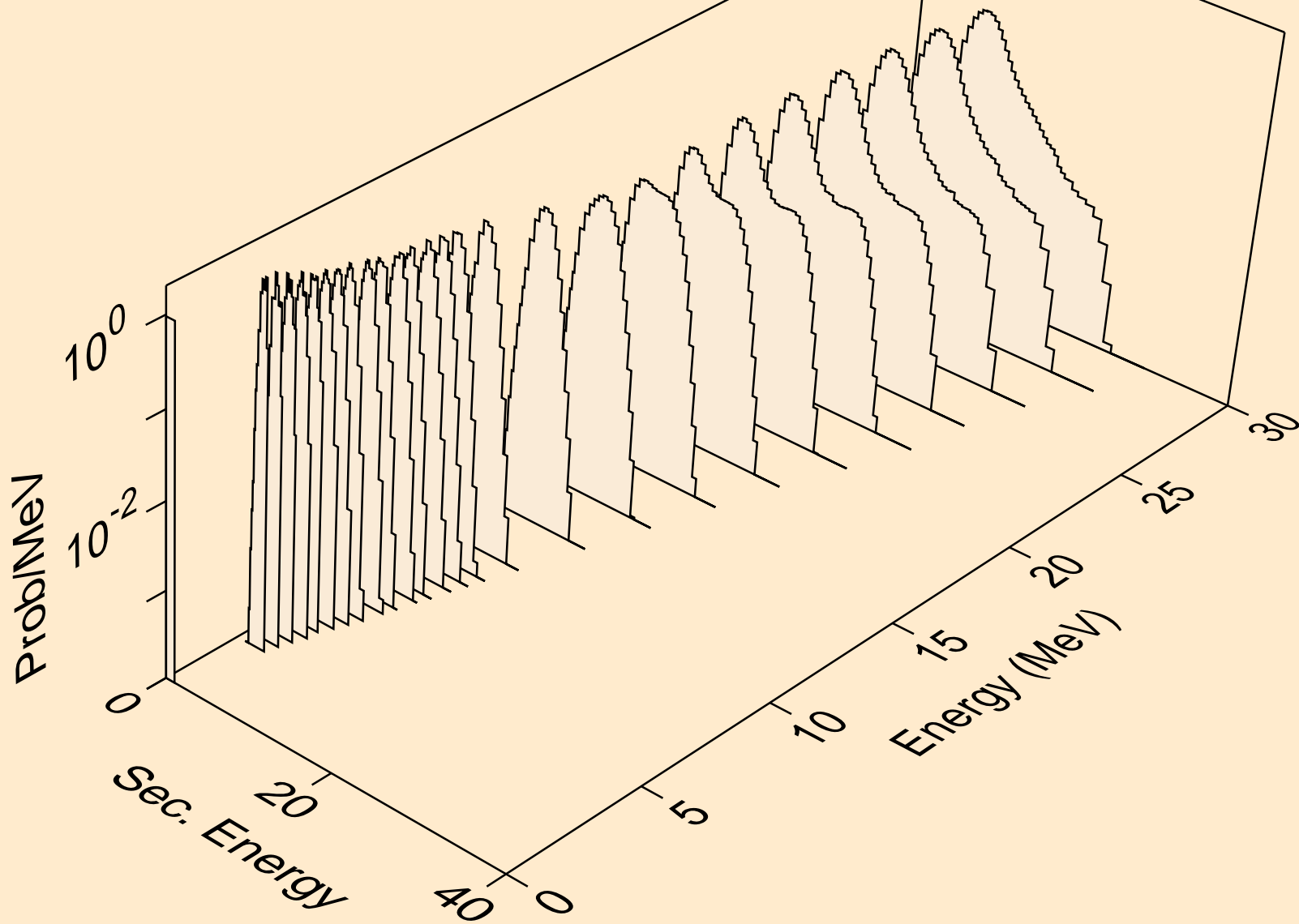
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



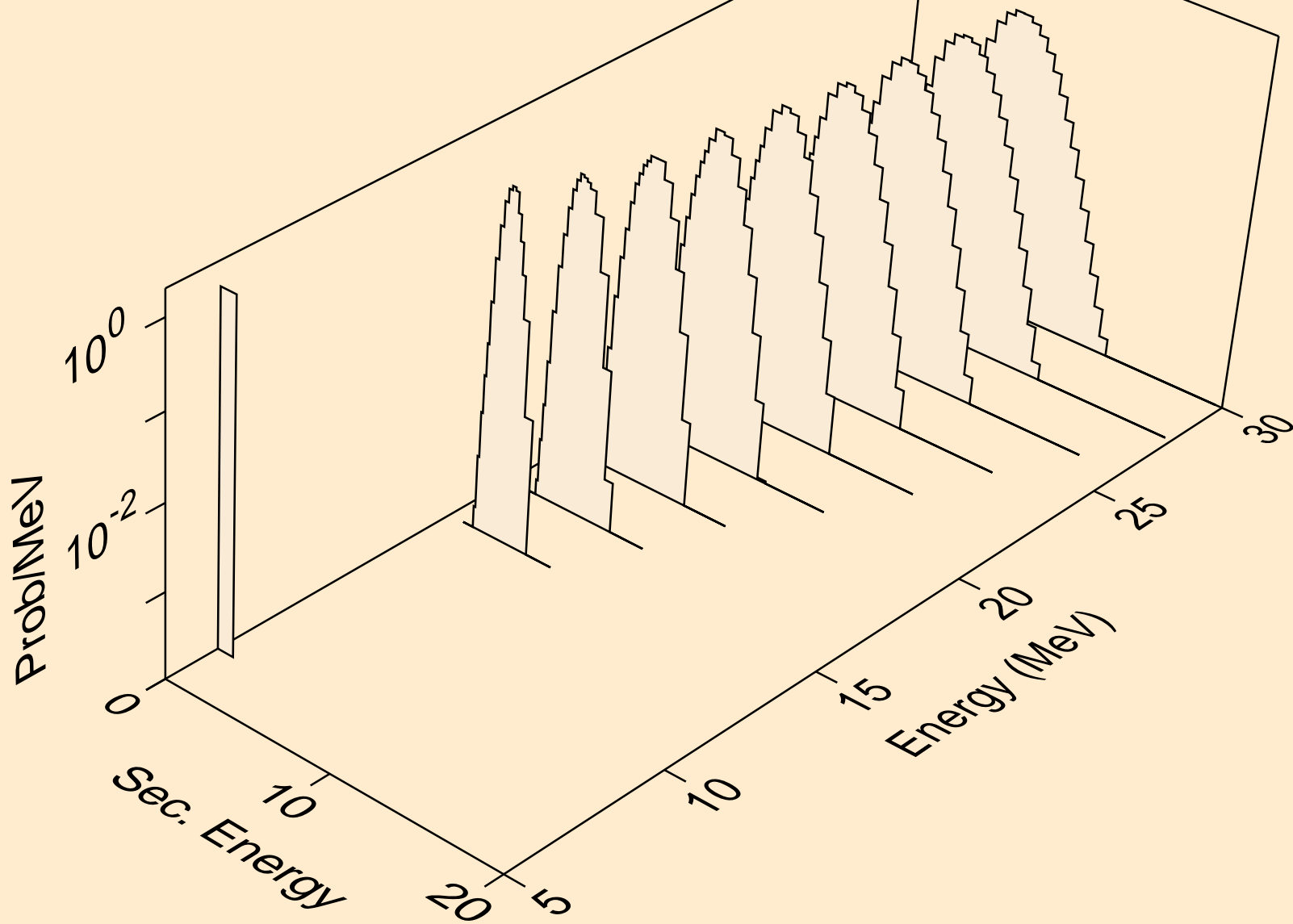
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



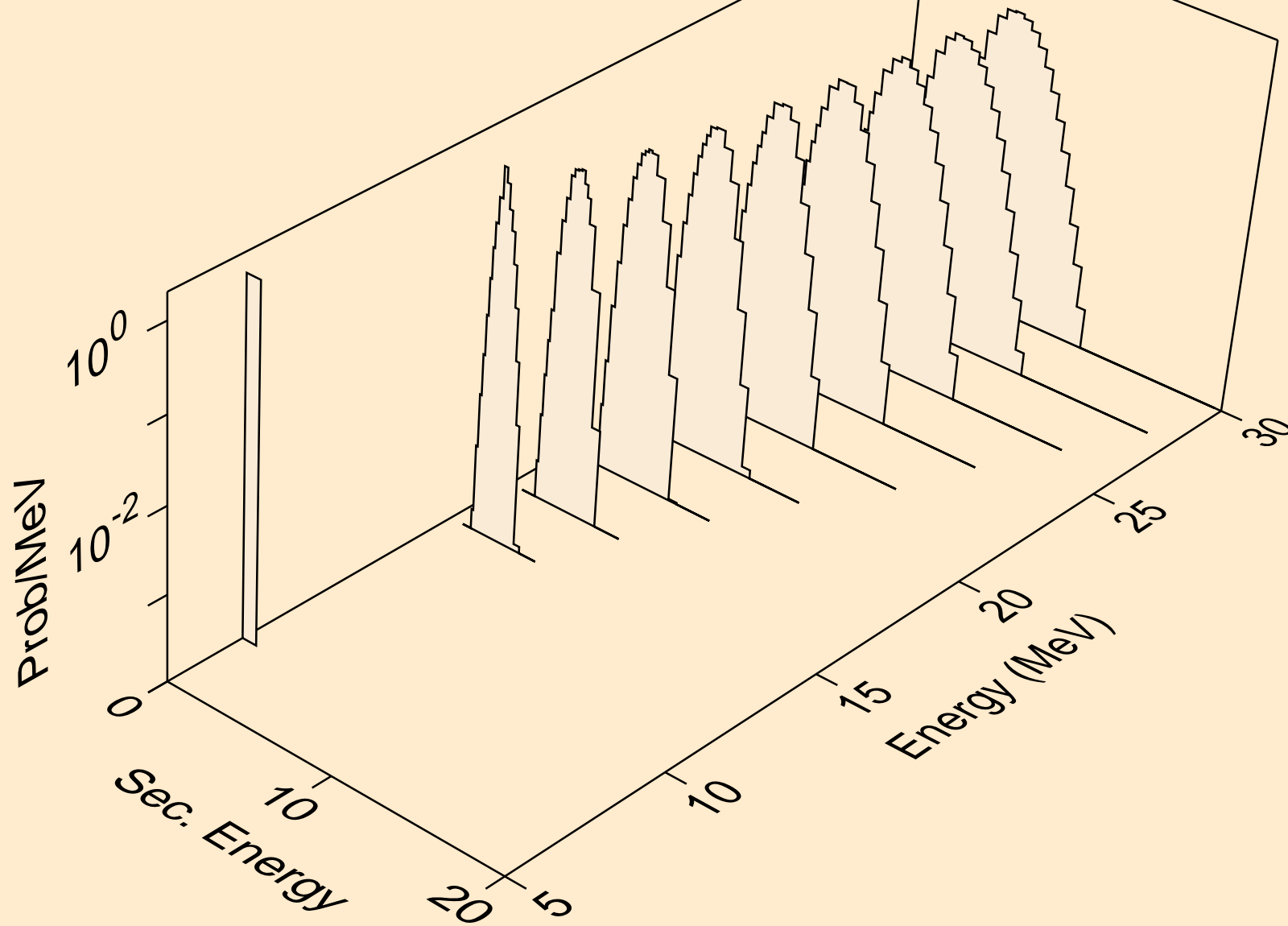
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



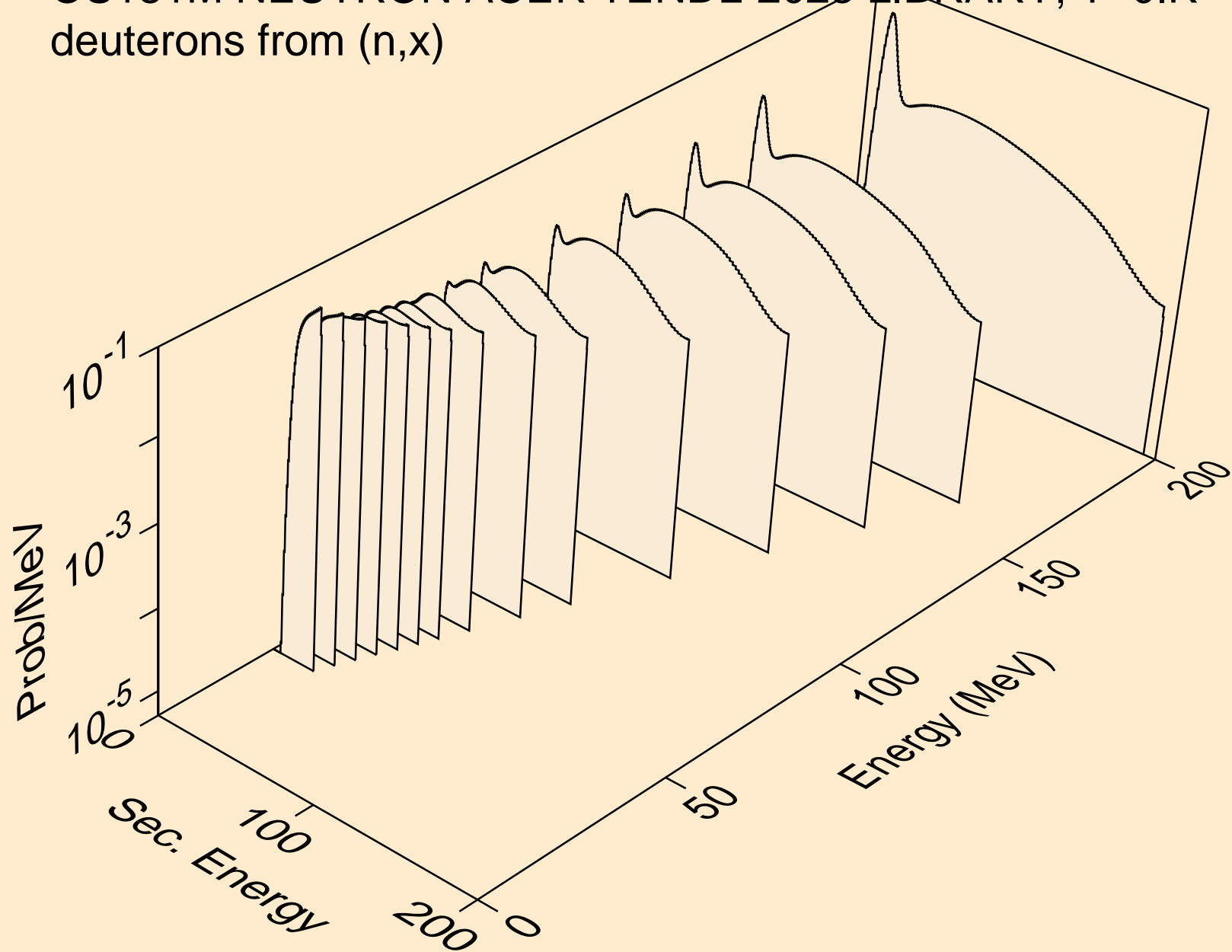
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



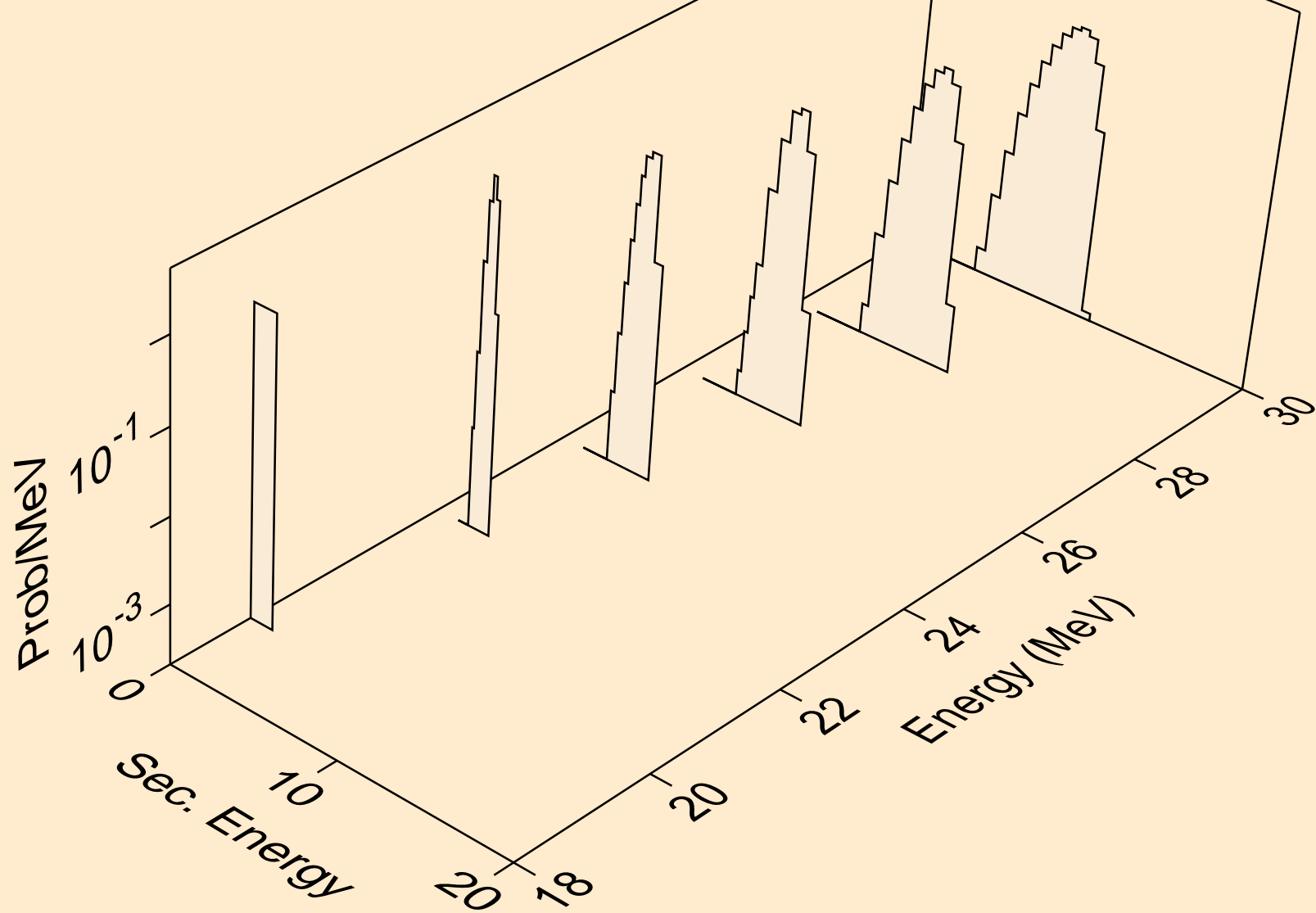
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

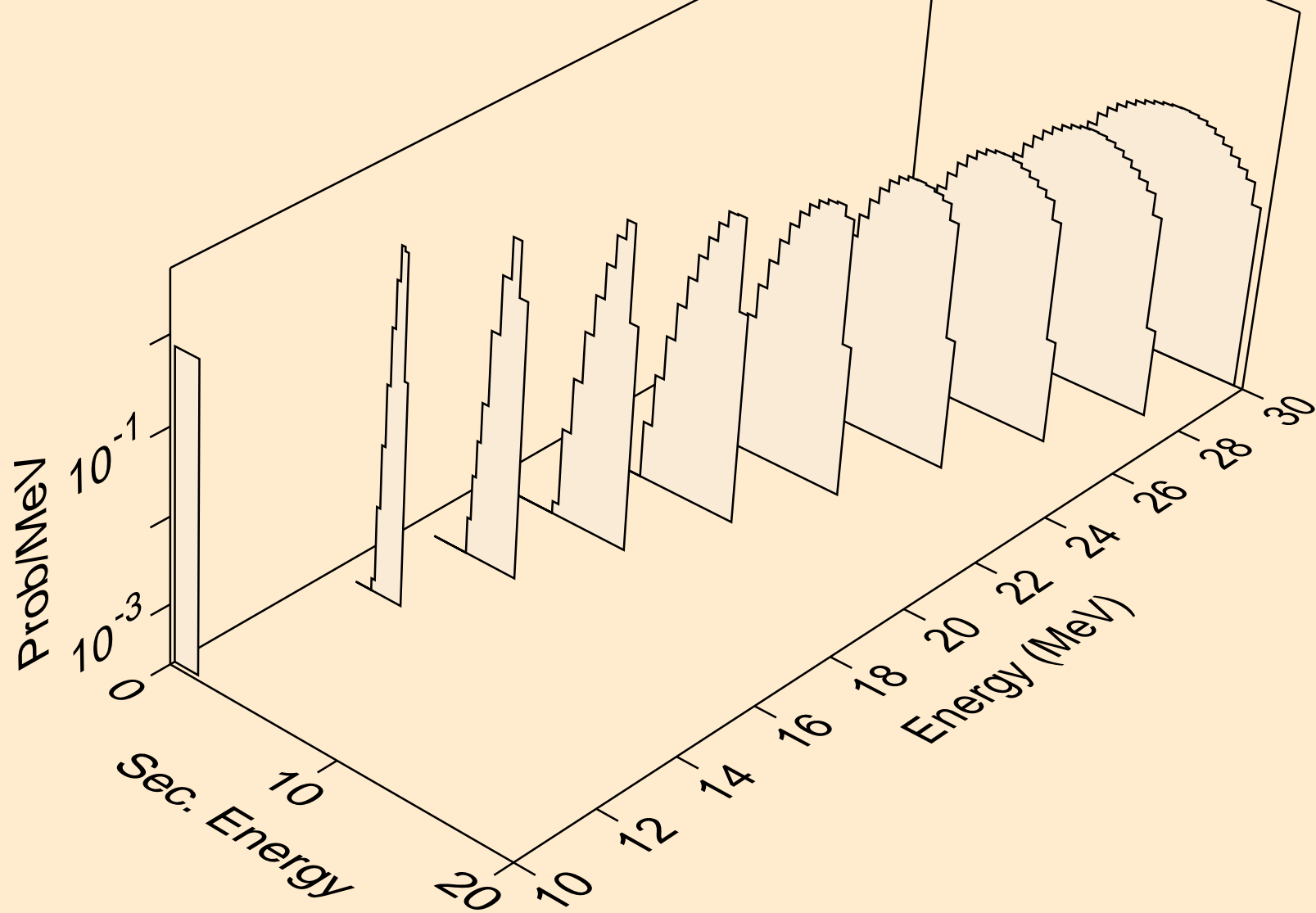


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)

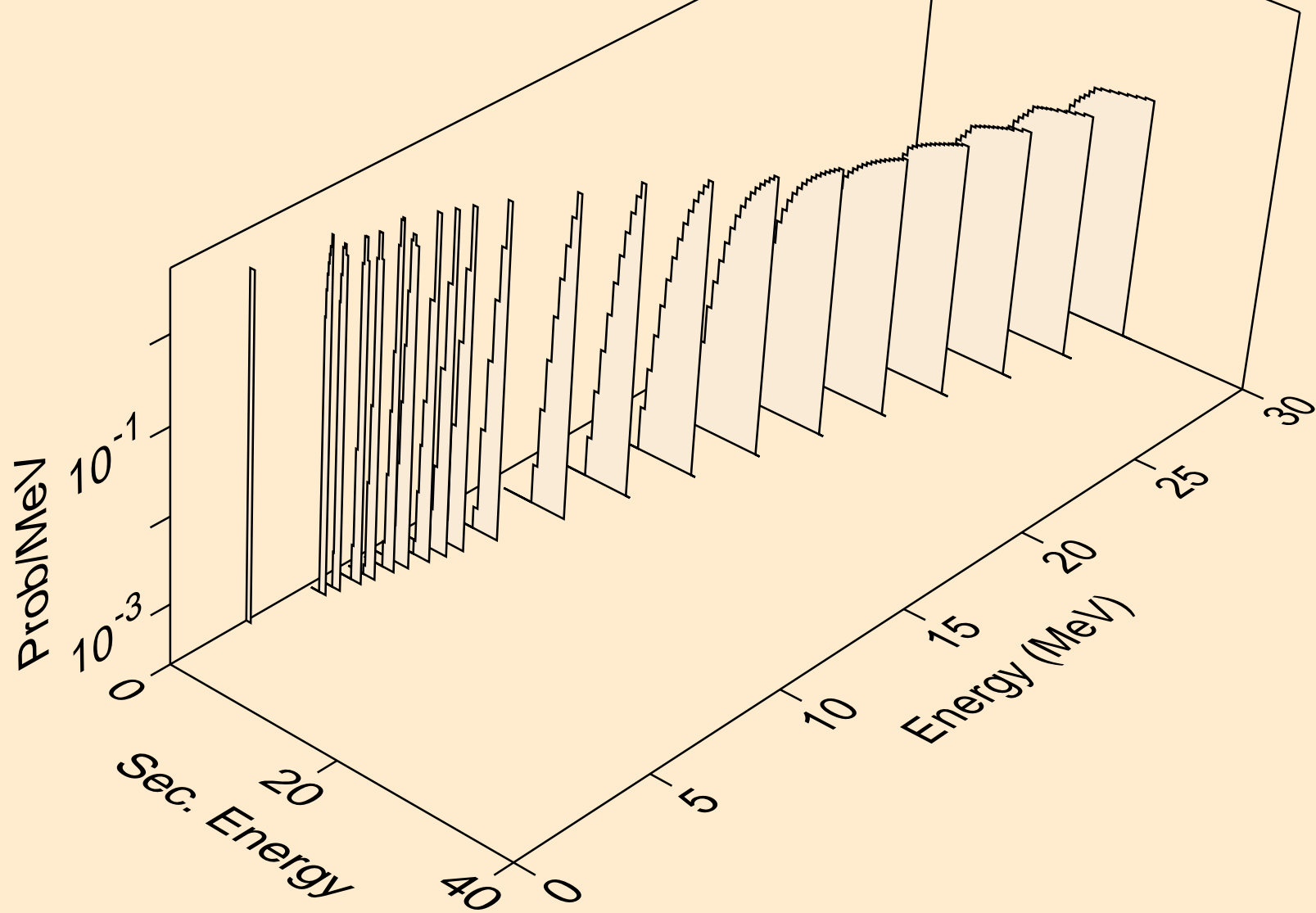




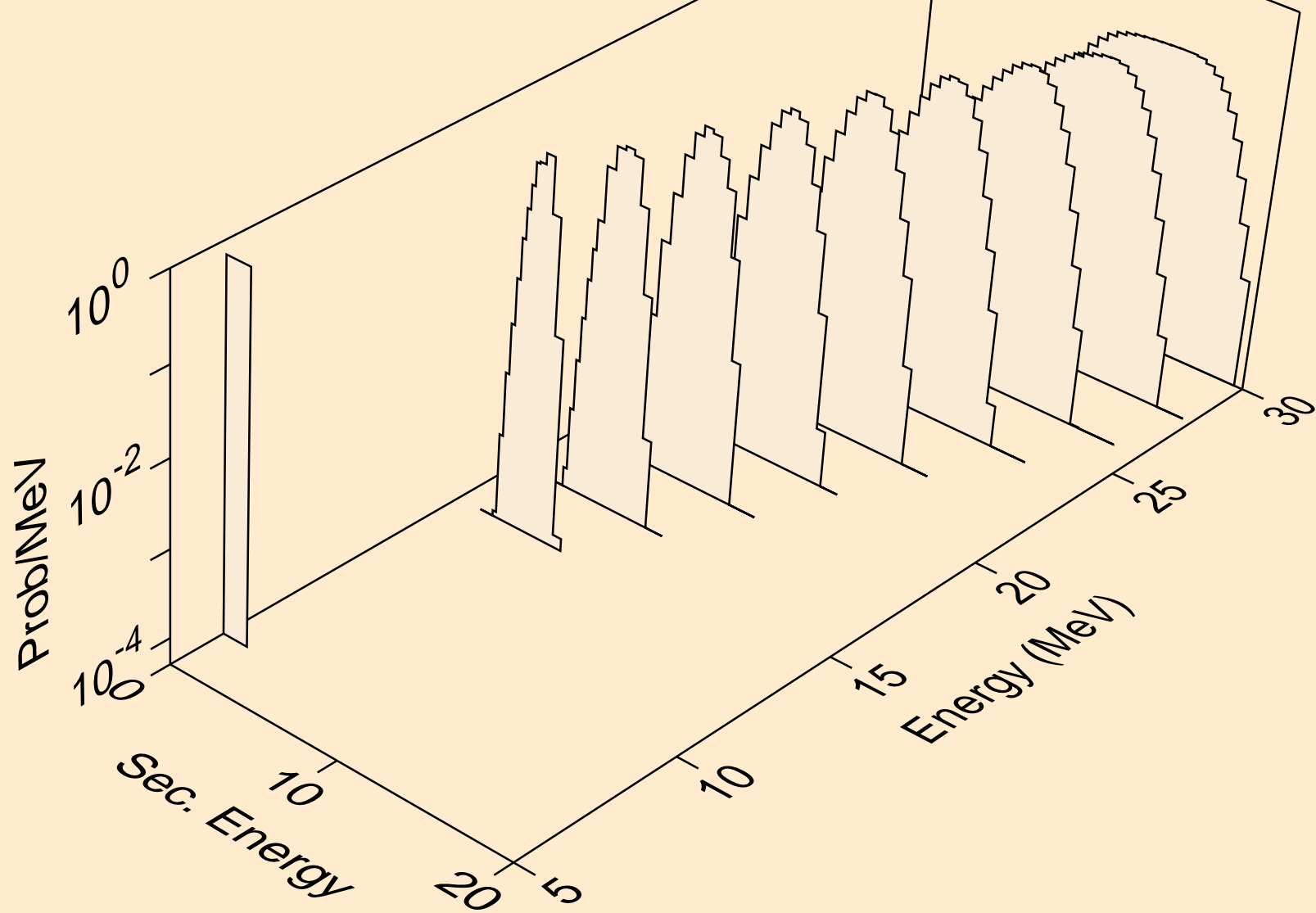
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



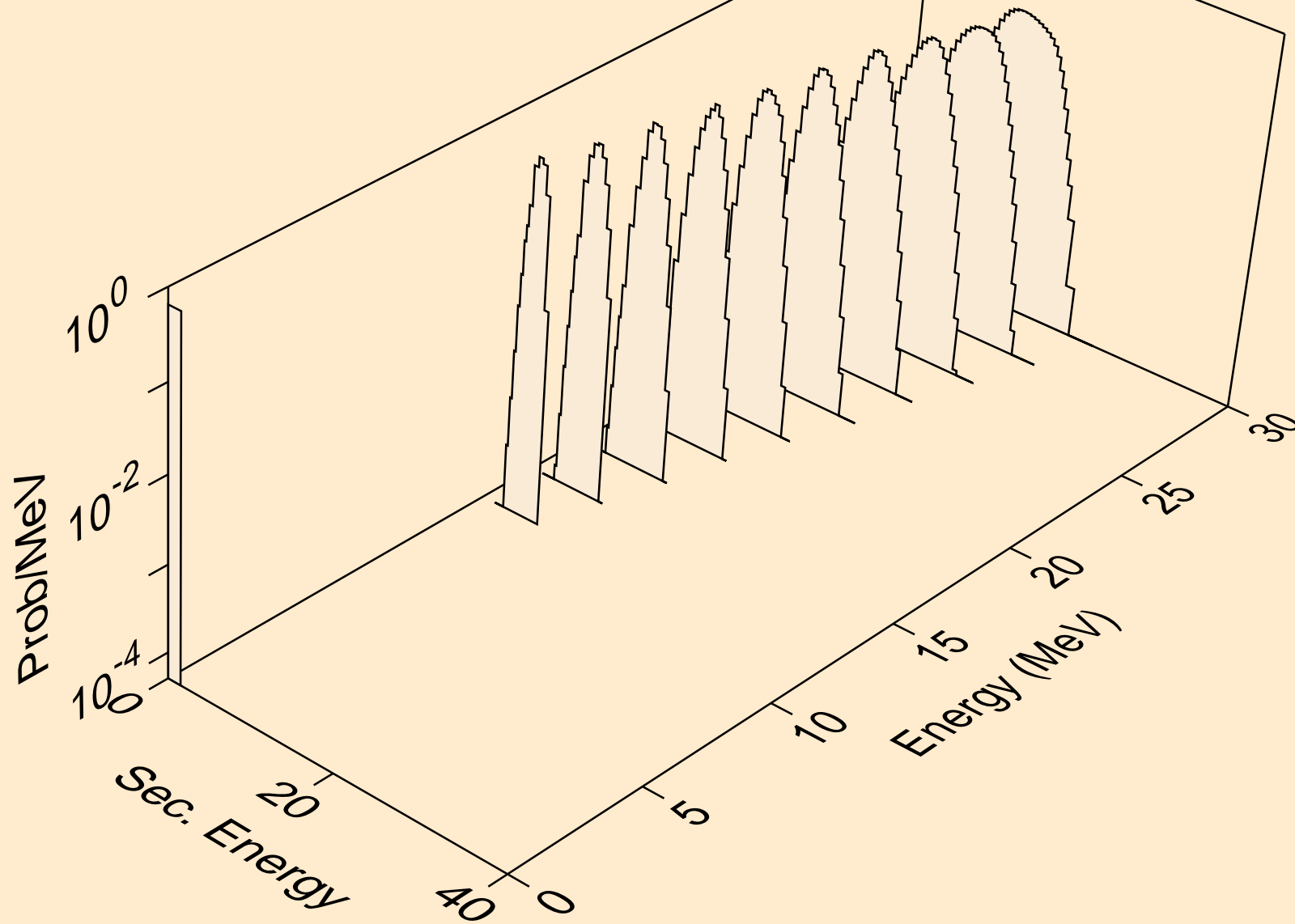
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



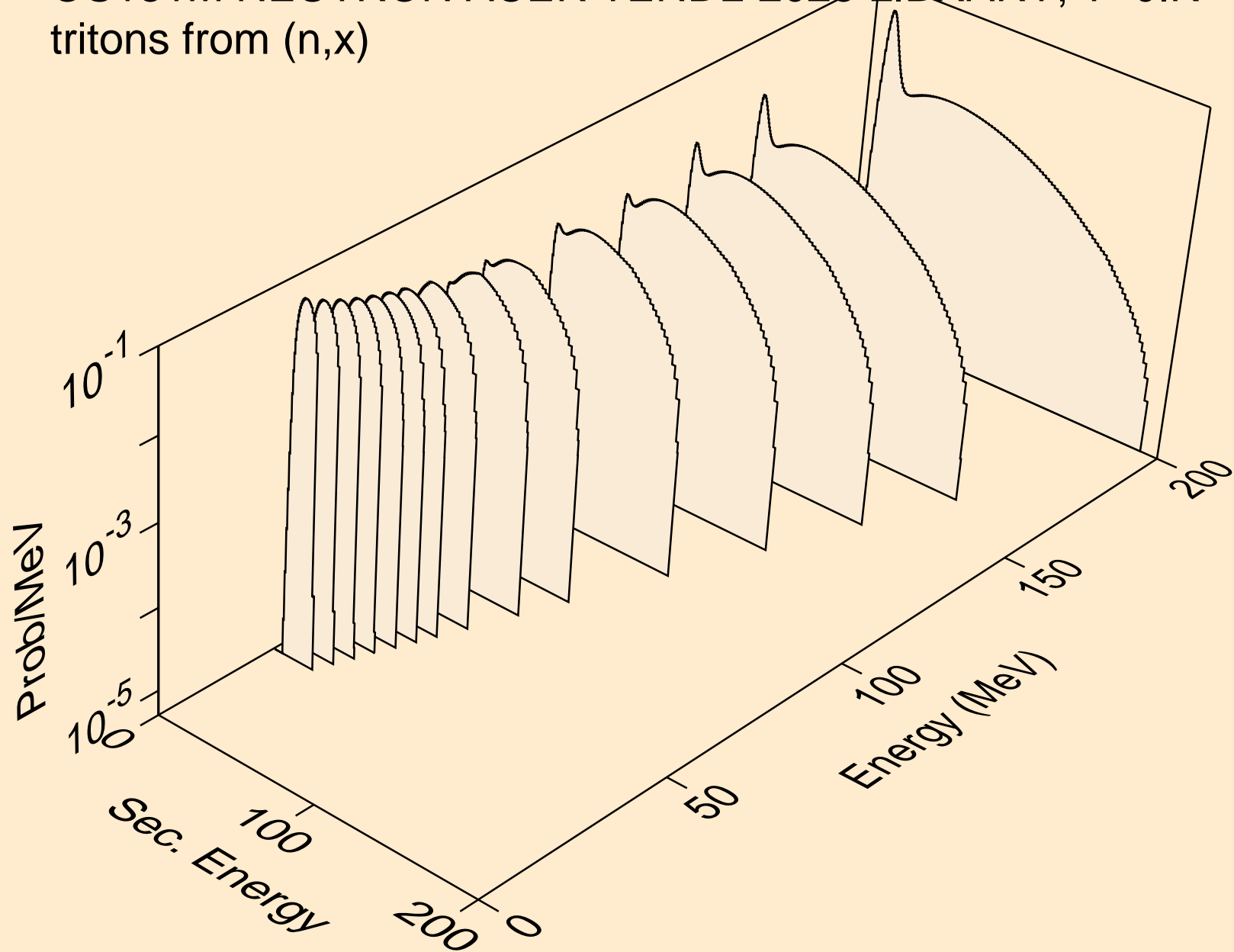
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



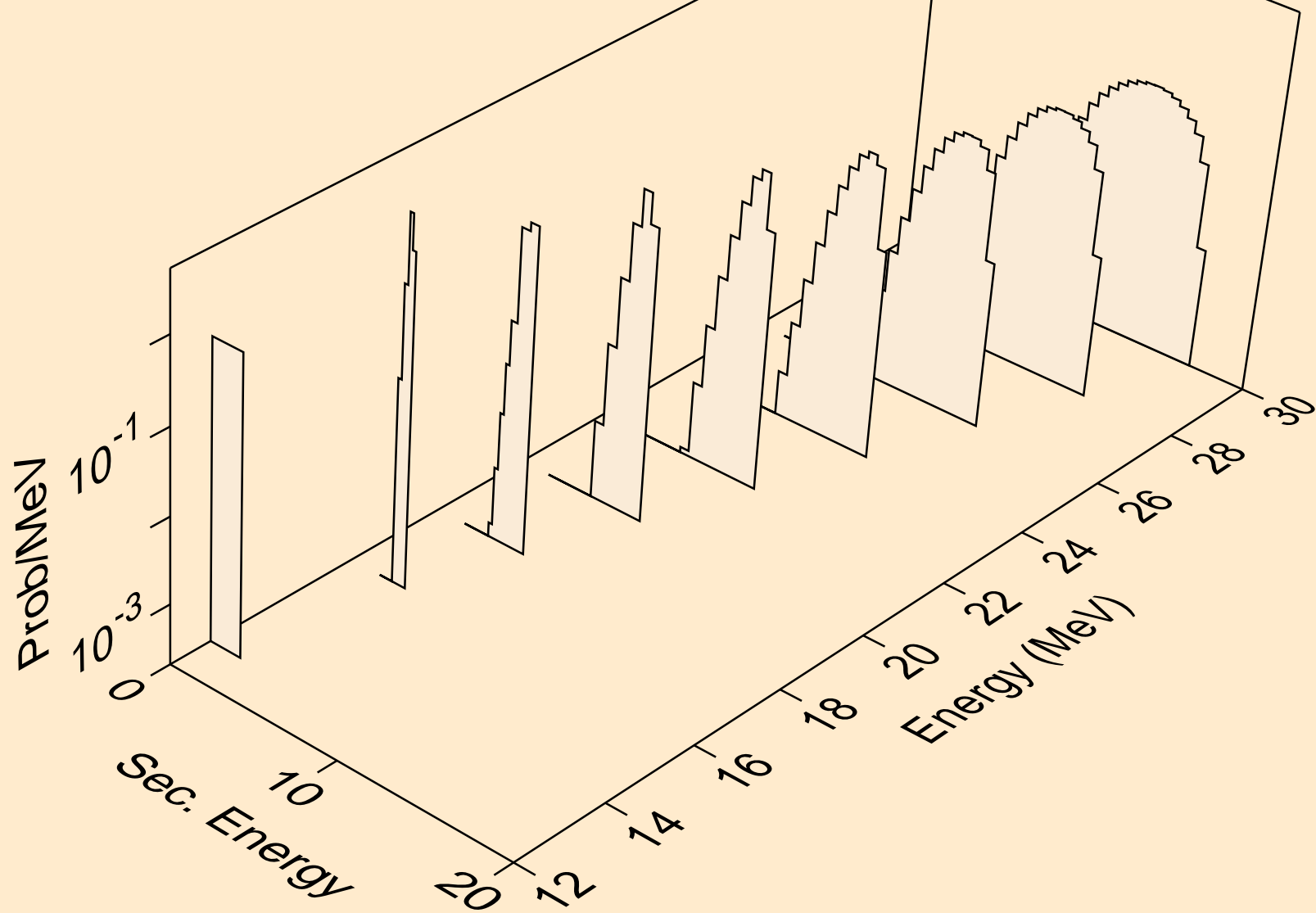
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



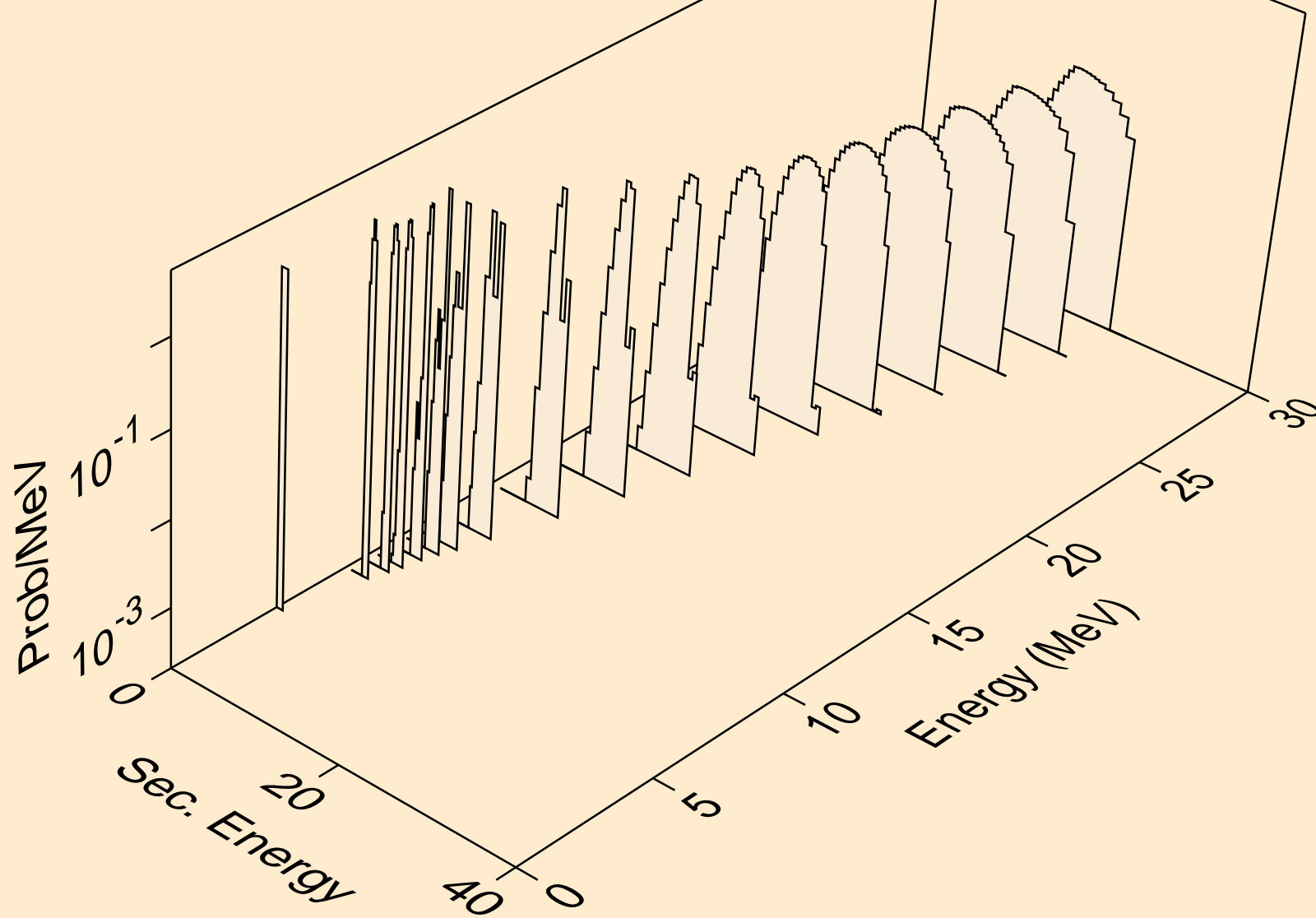
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



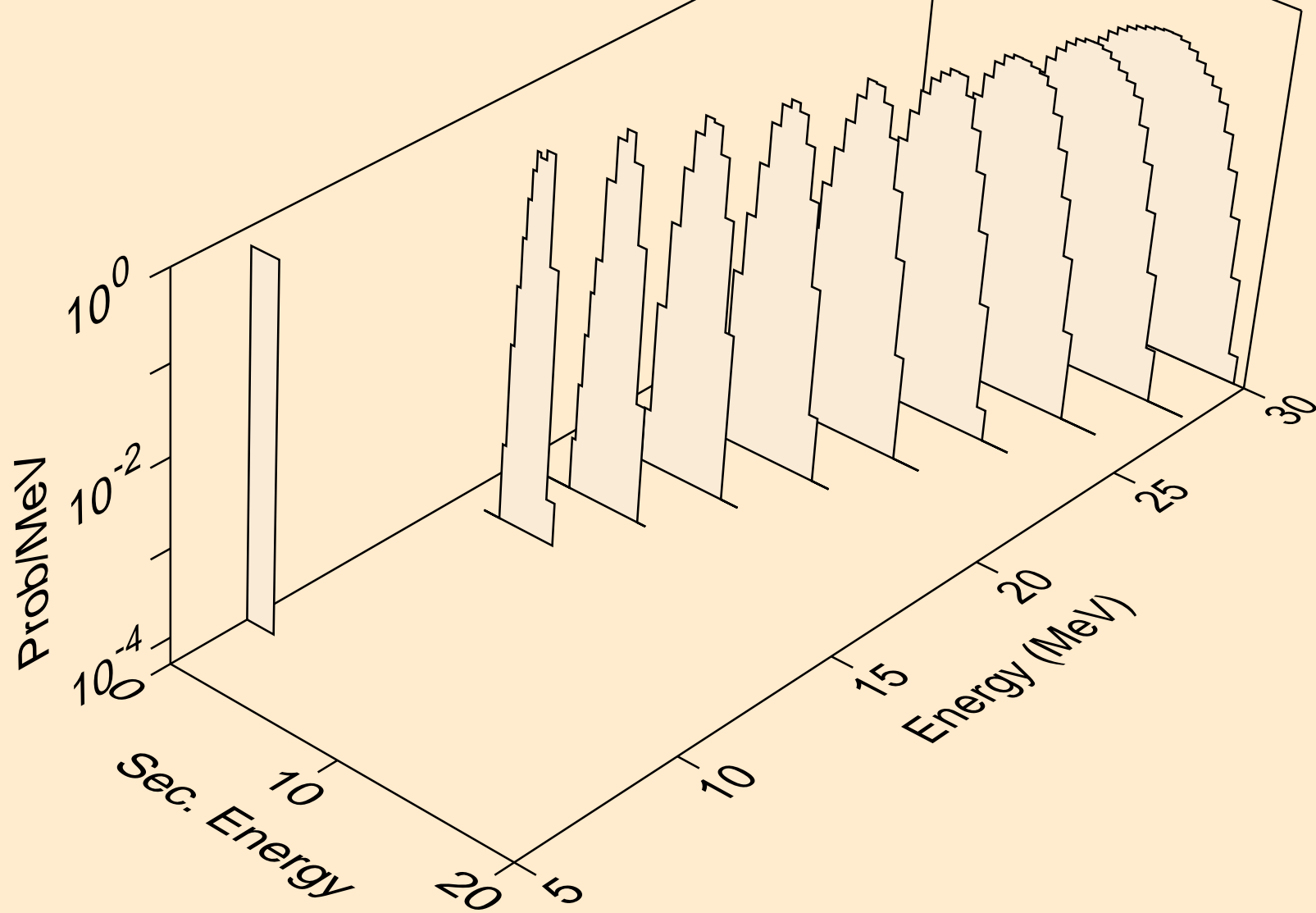
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

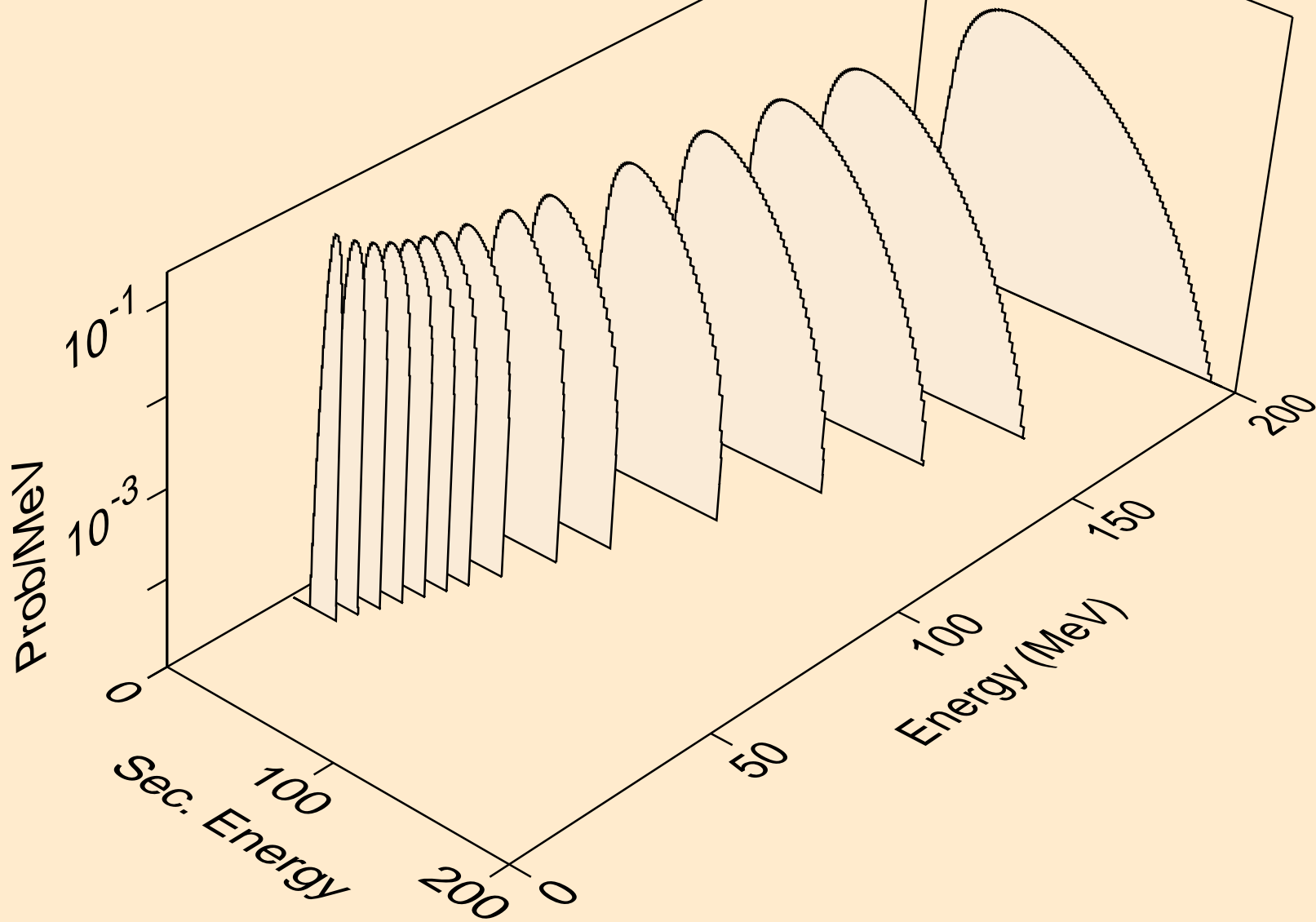


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)

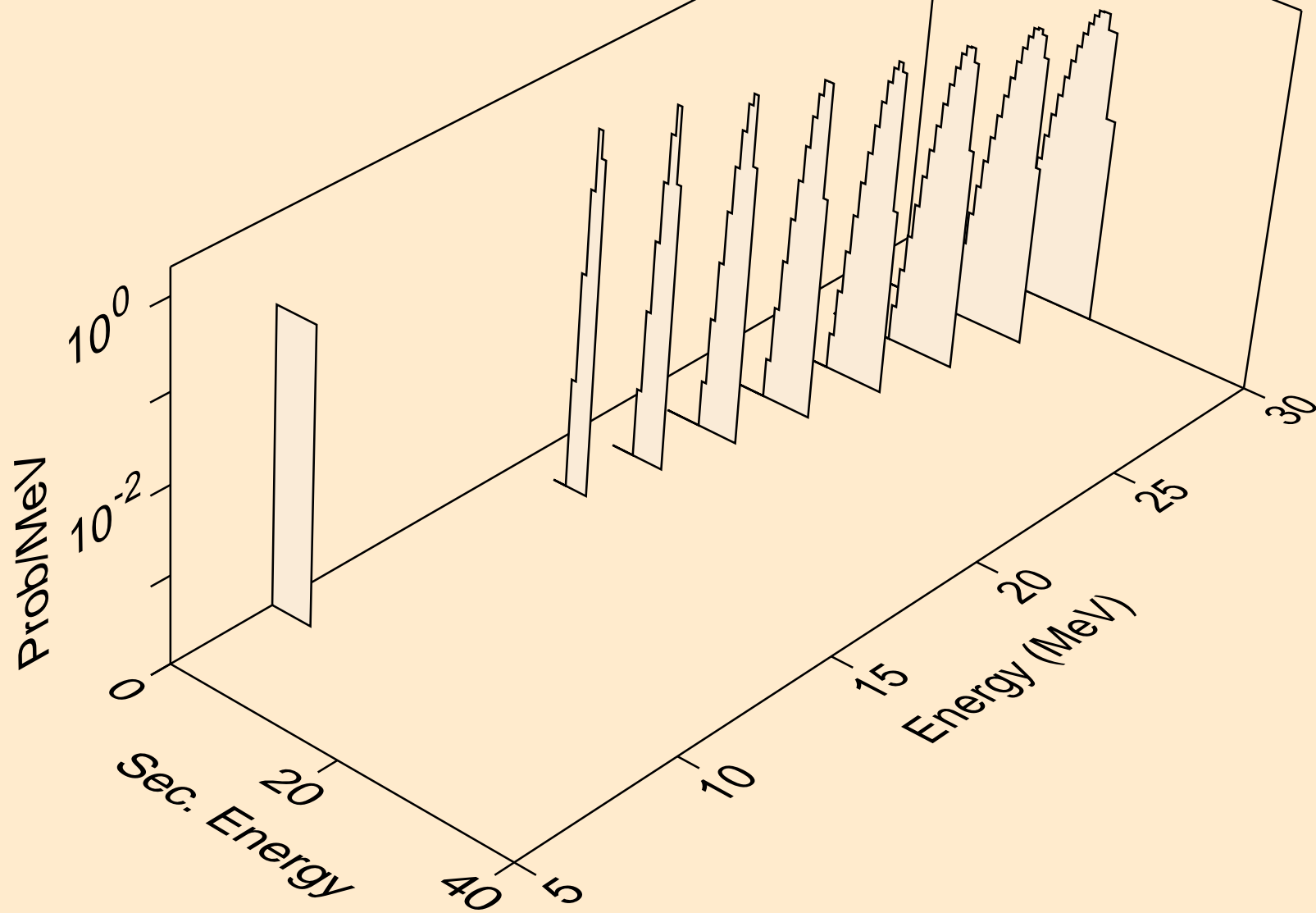




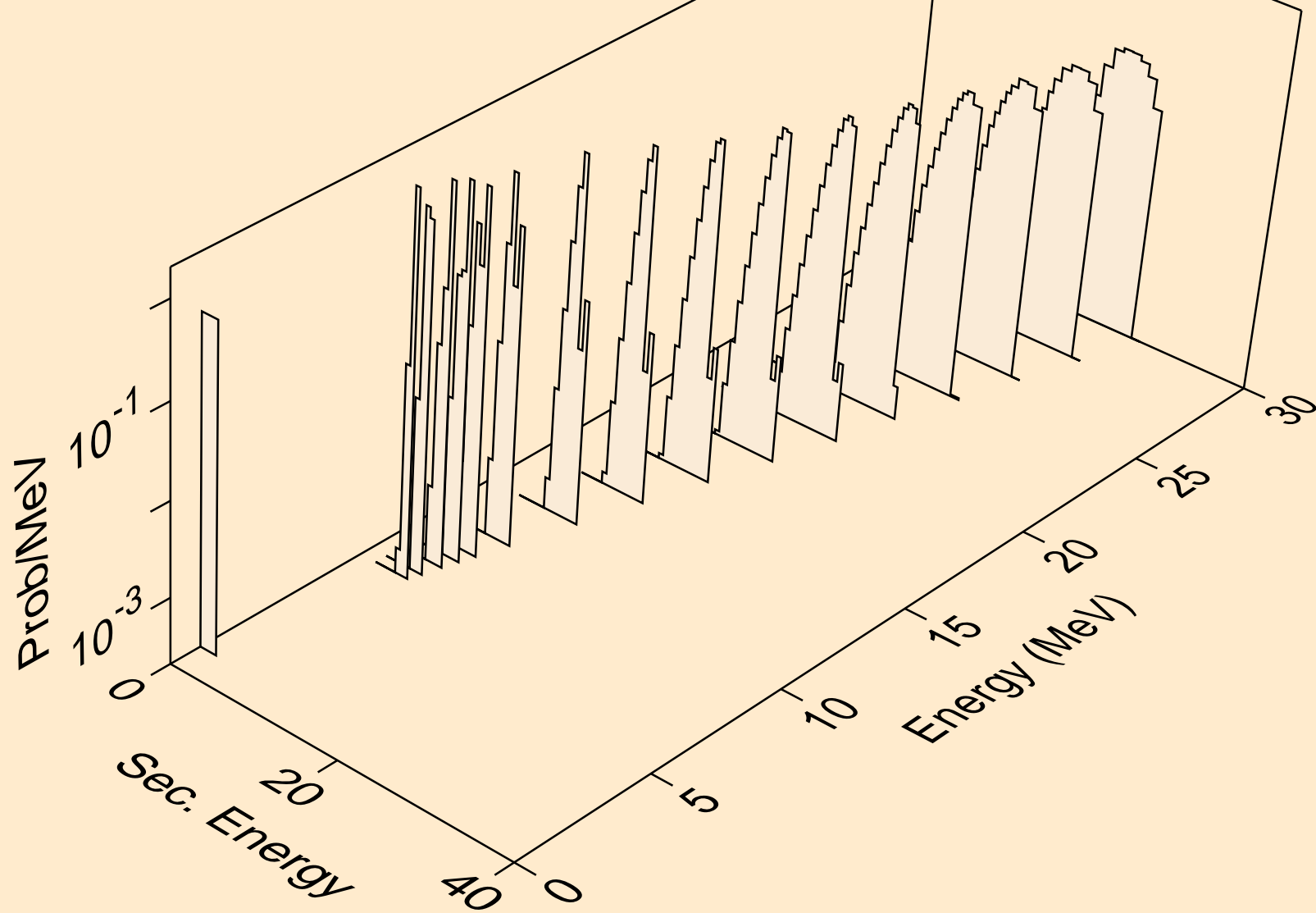
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



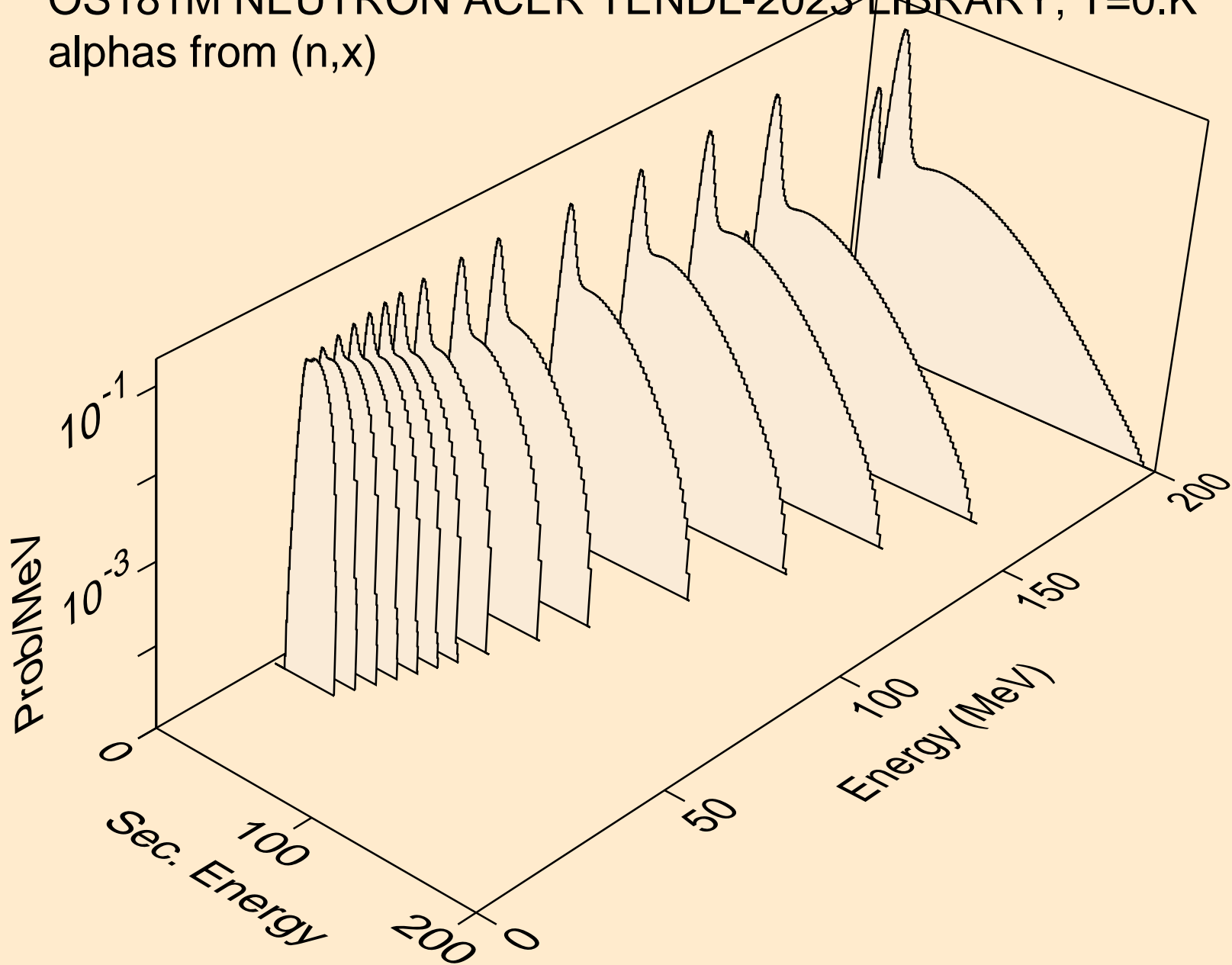
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



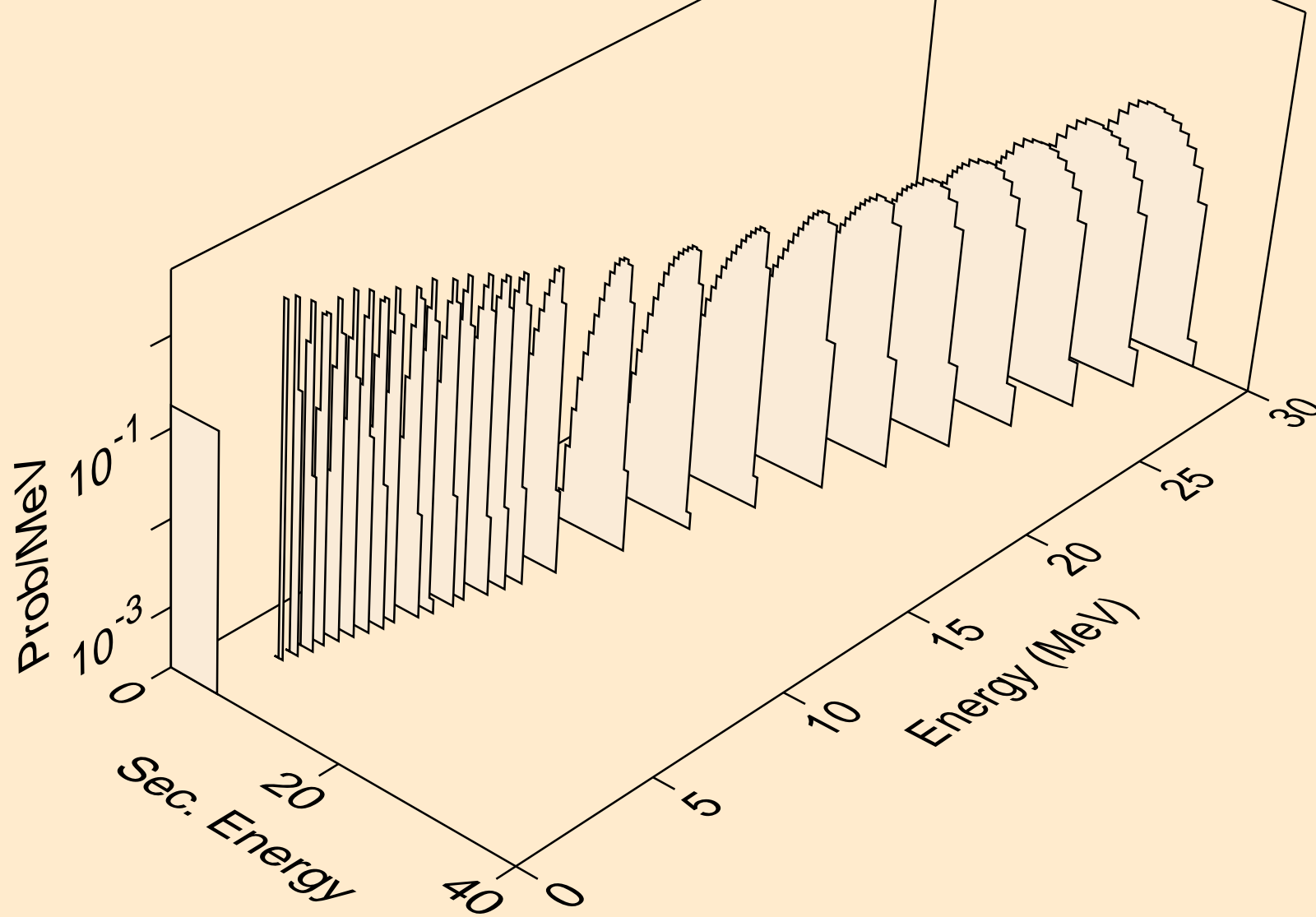
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



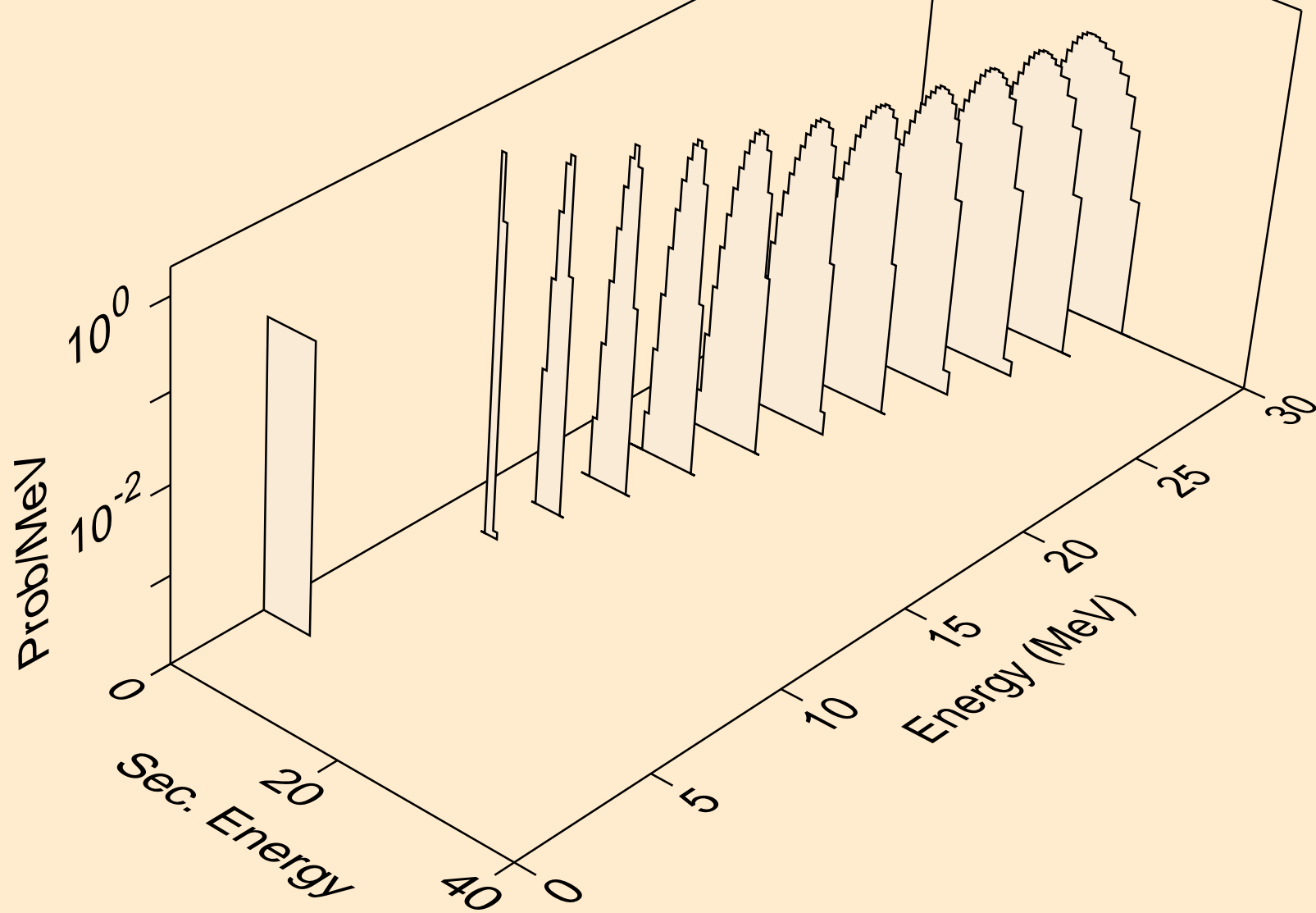
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



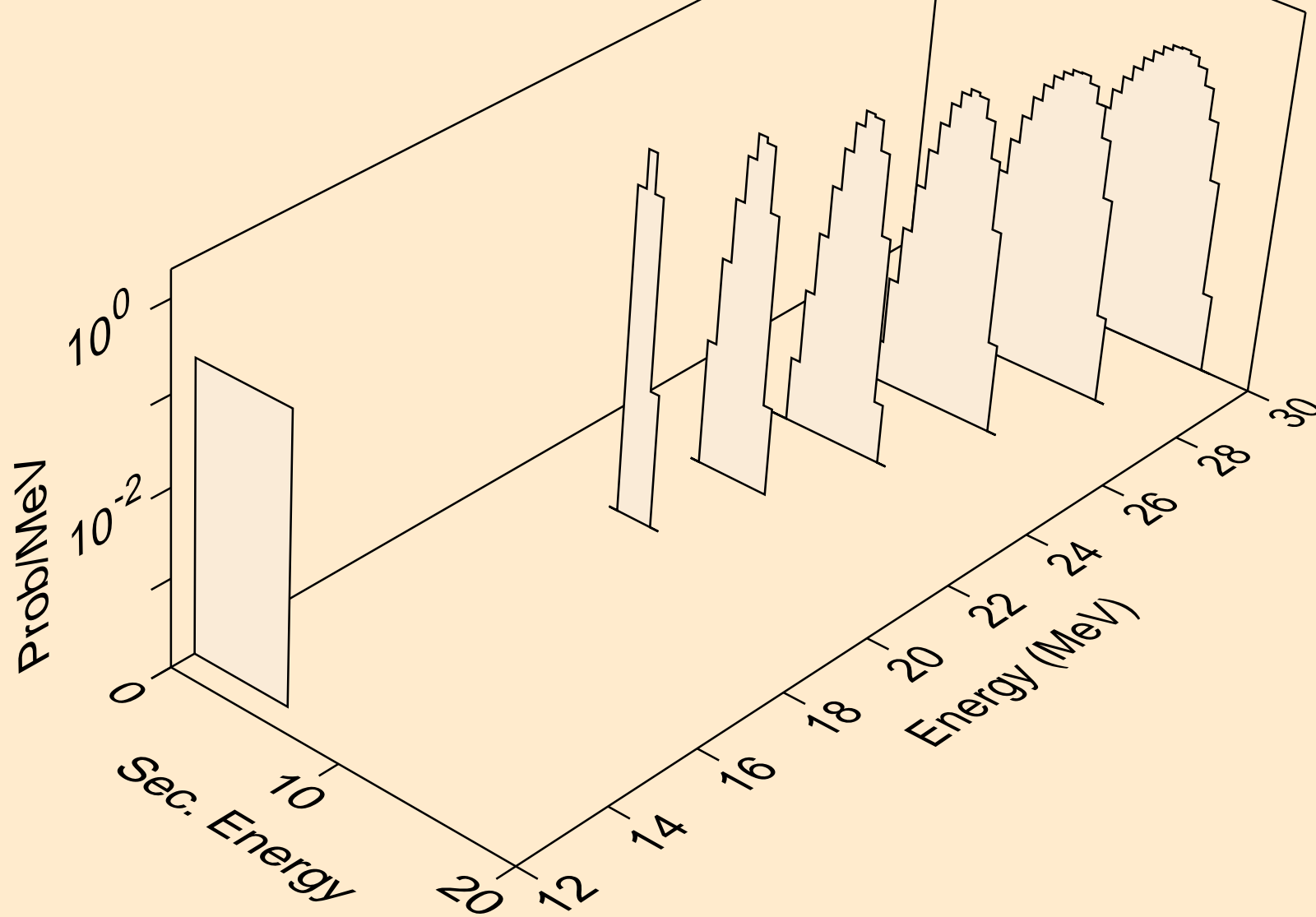
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



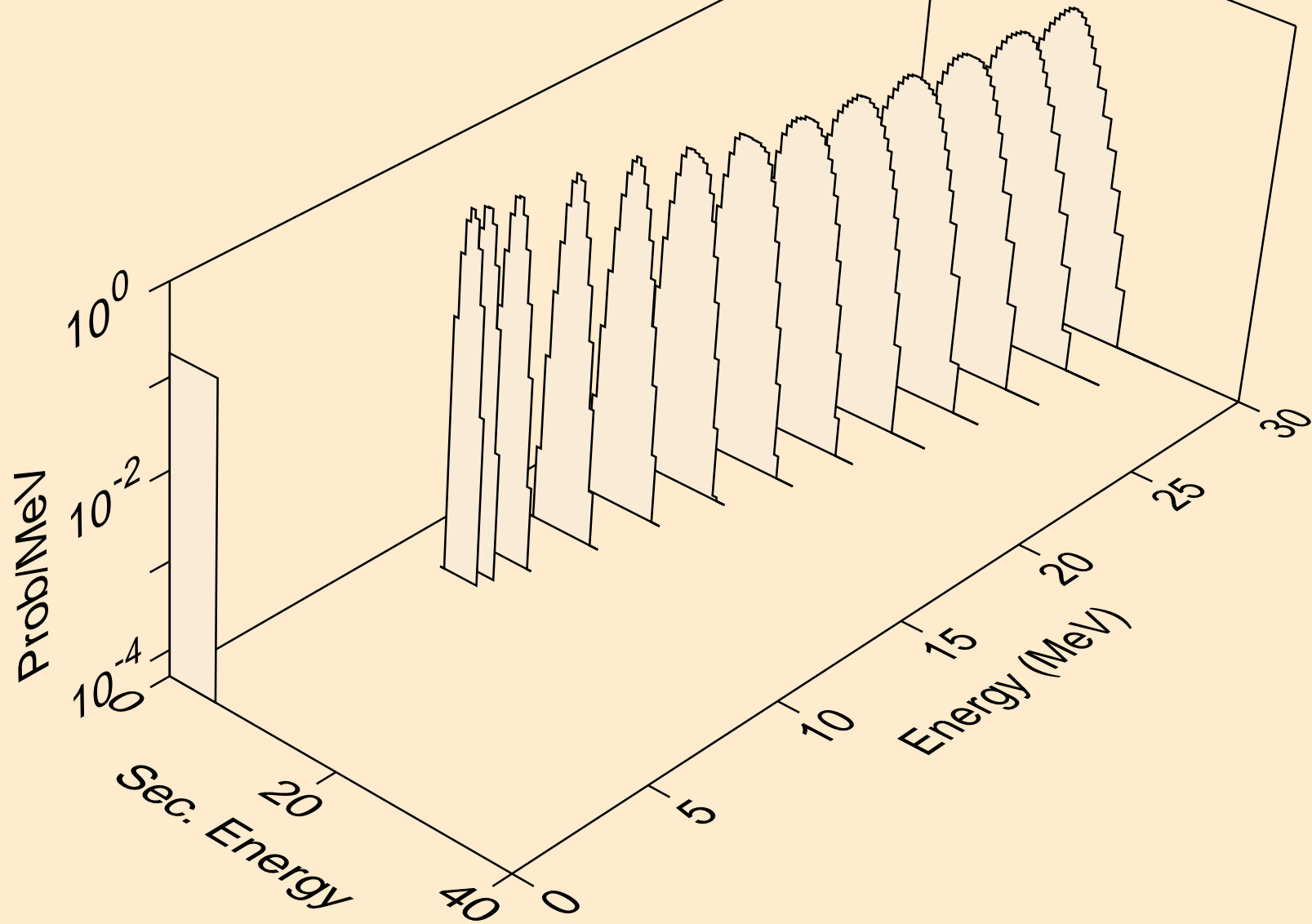
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a

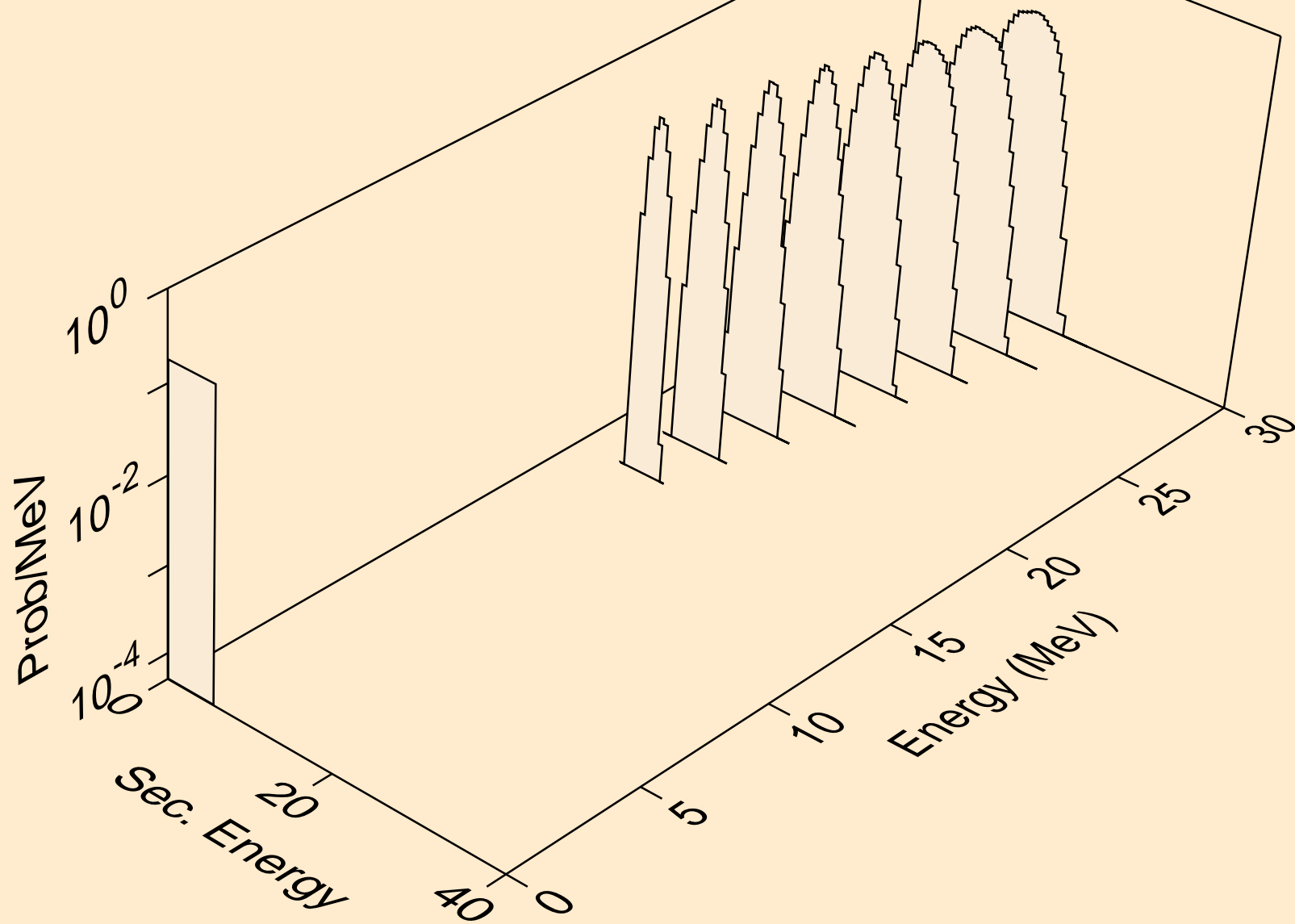


OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

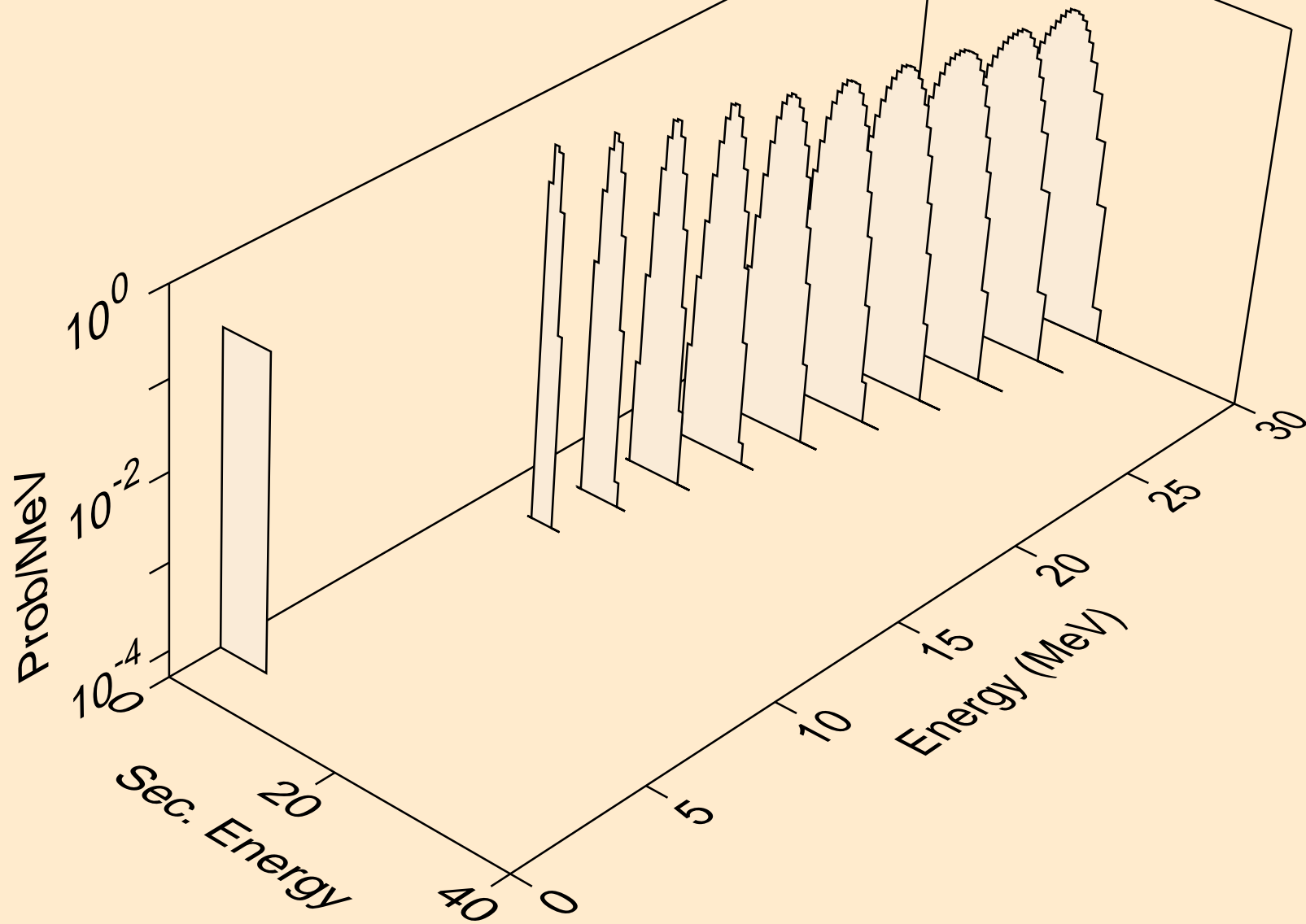




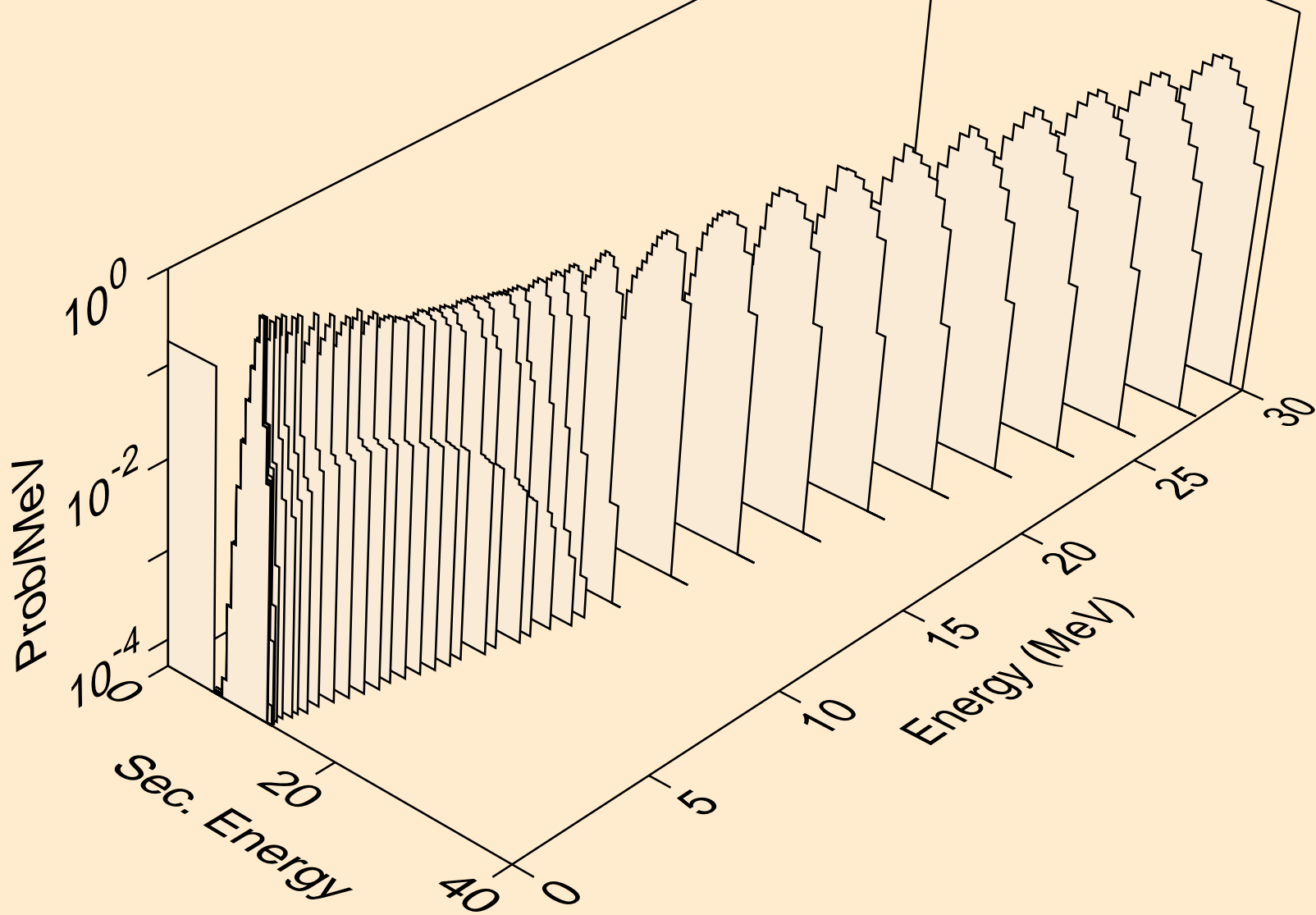
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)2a



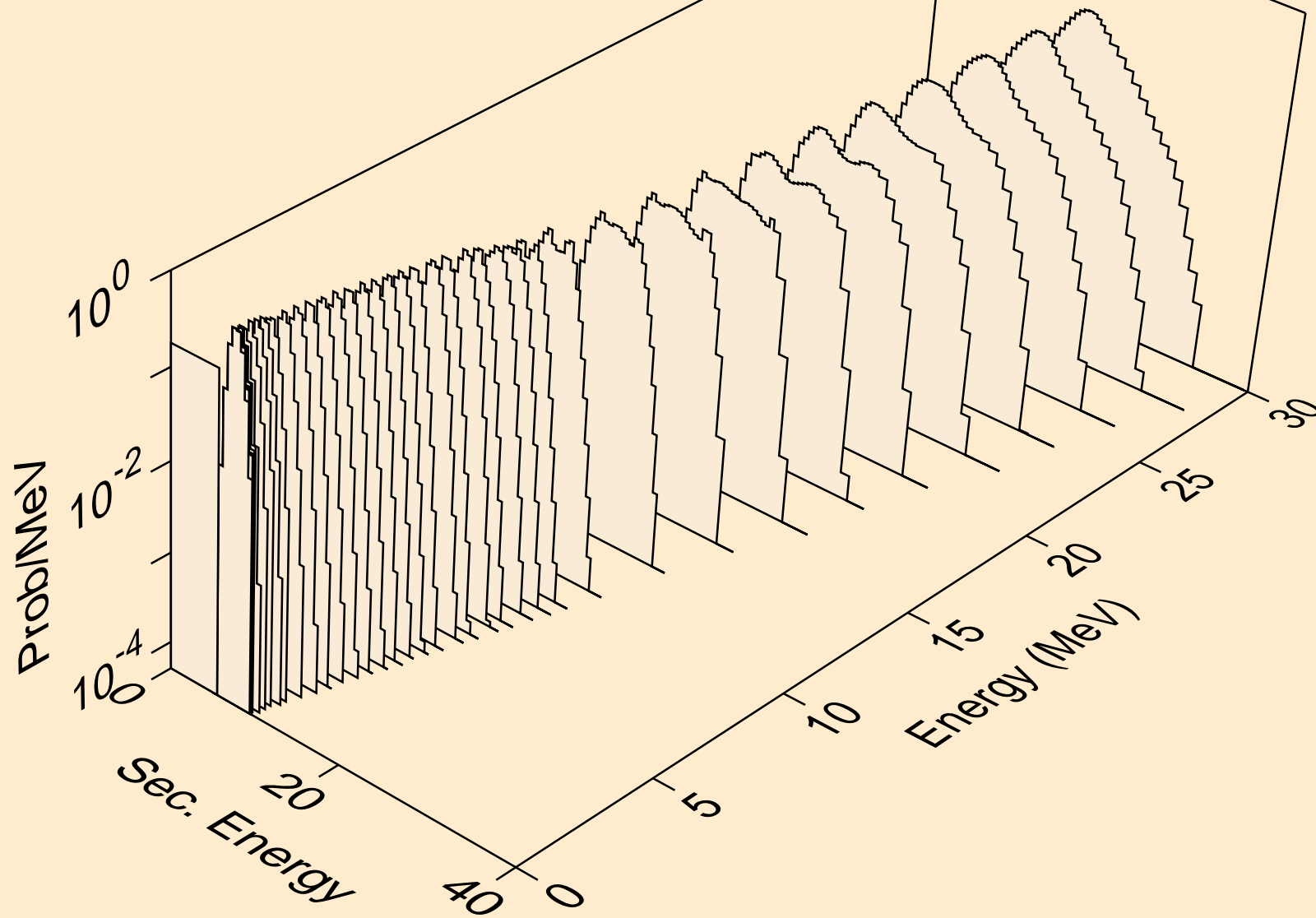
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)



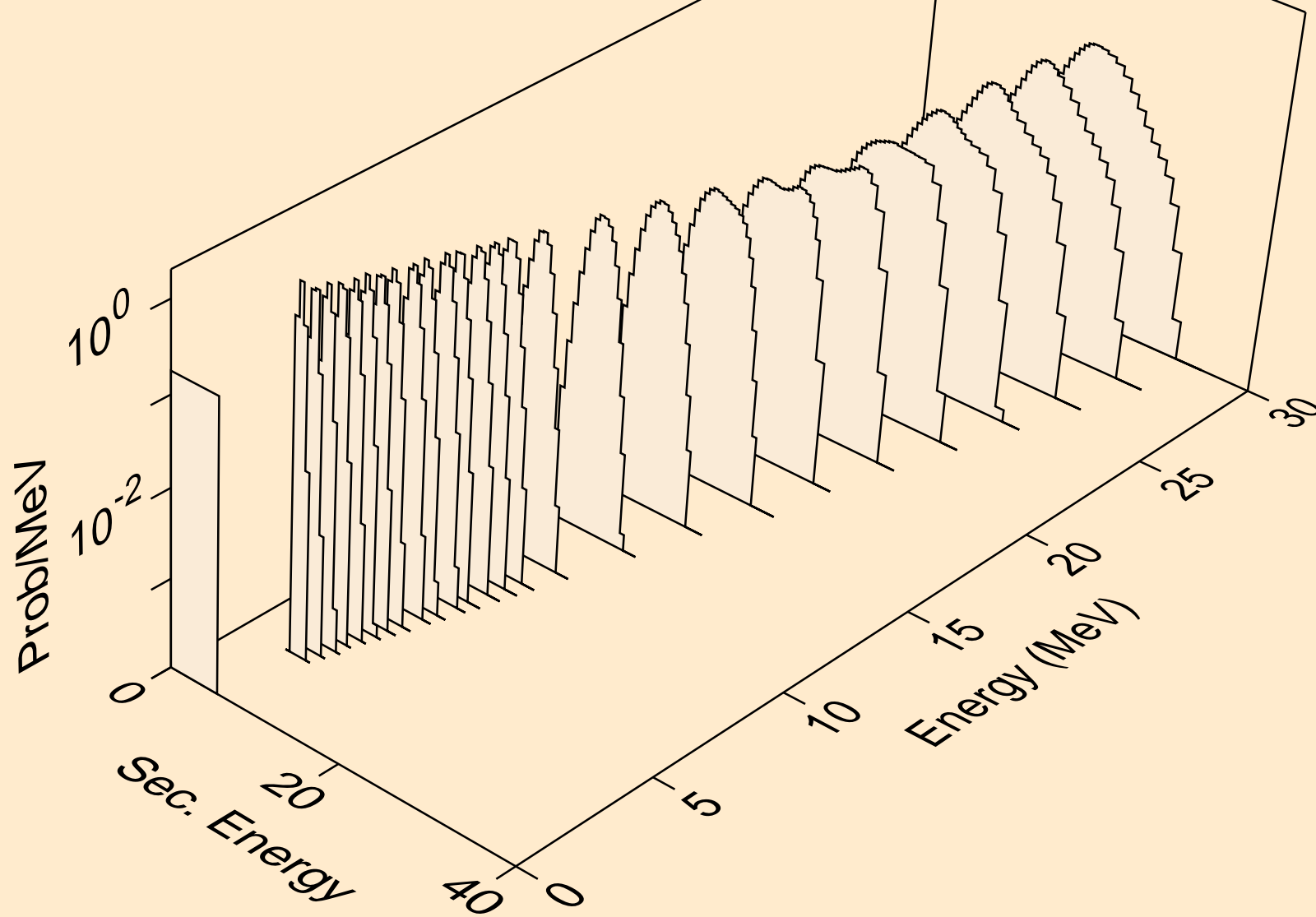
OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



OS181M NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

