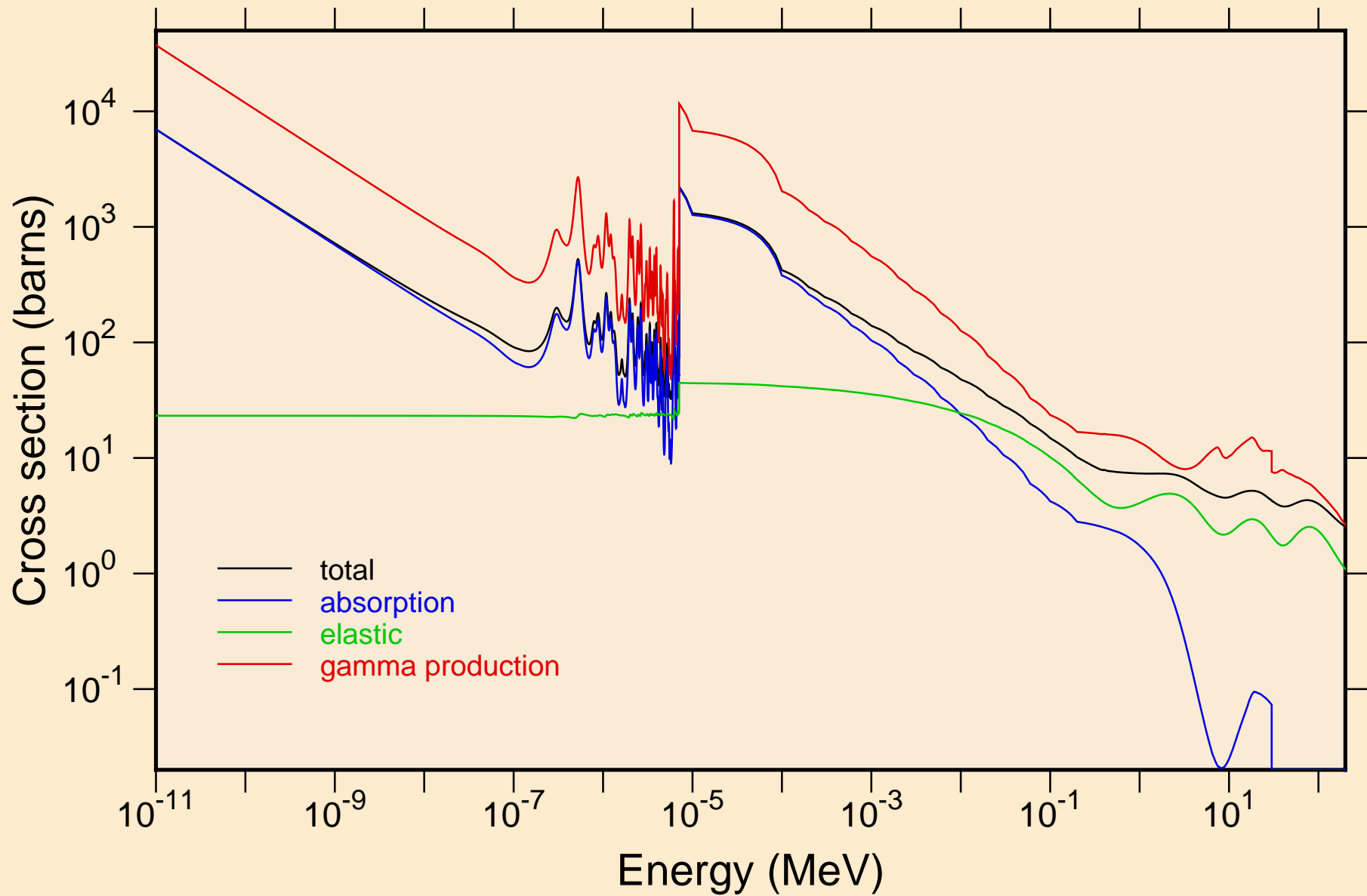
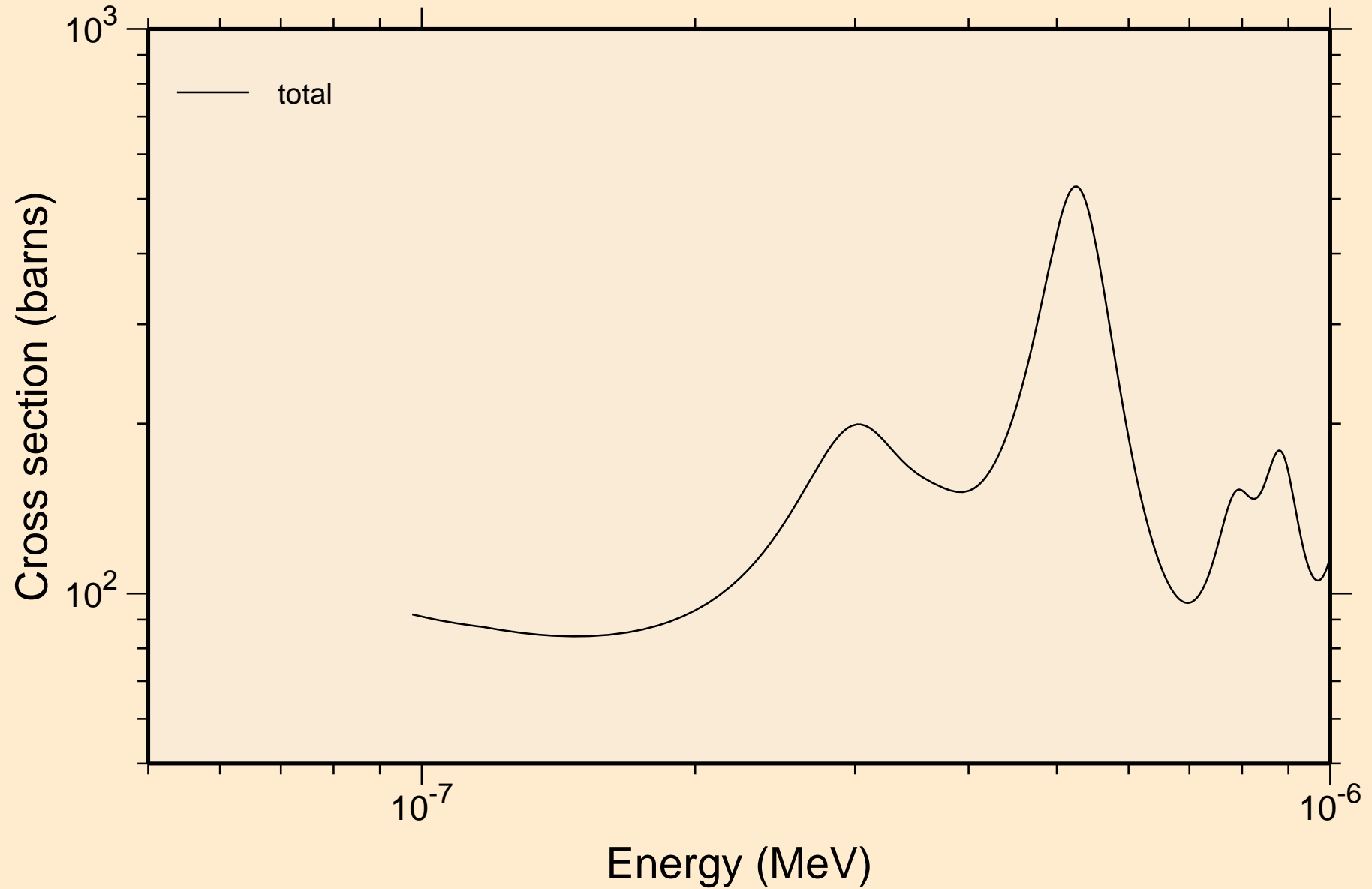


# TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

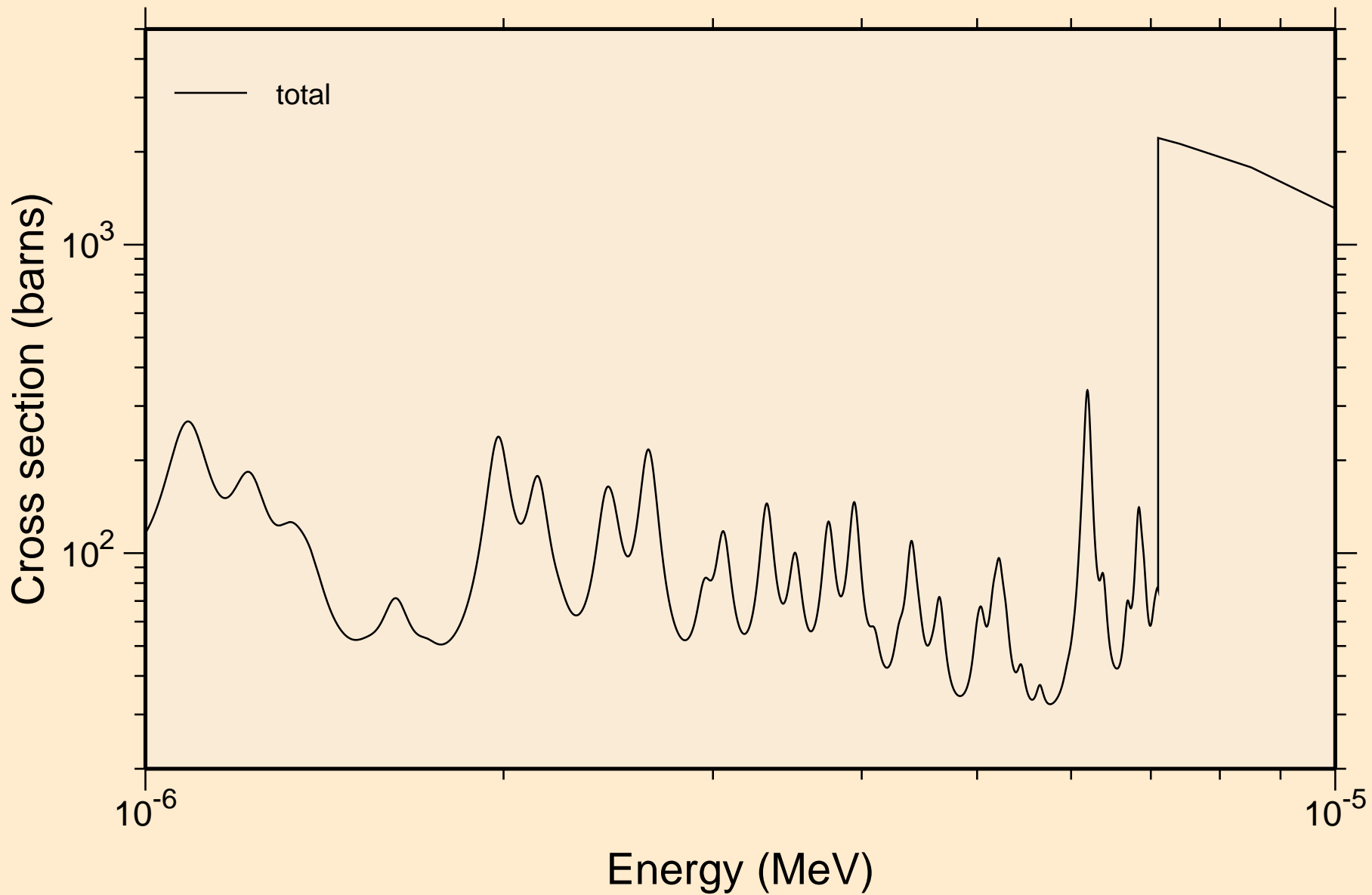
## Principal cross sections



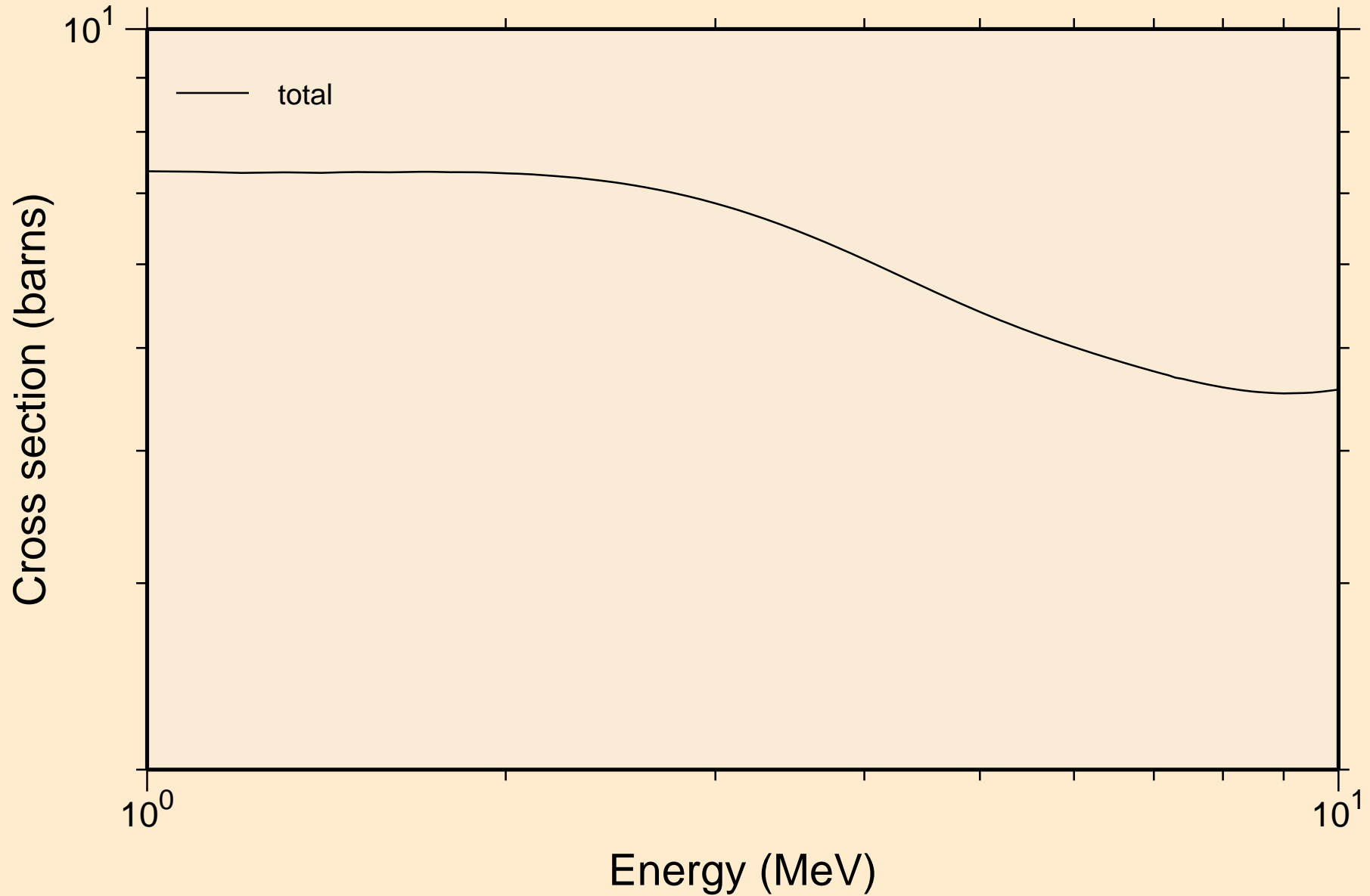
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



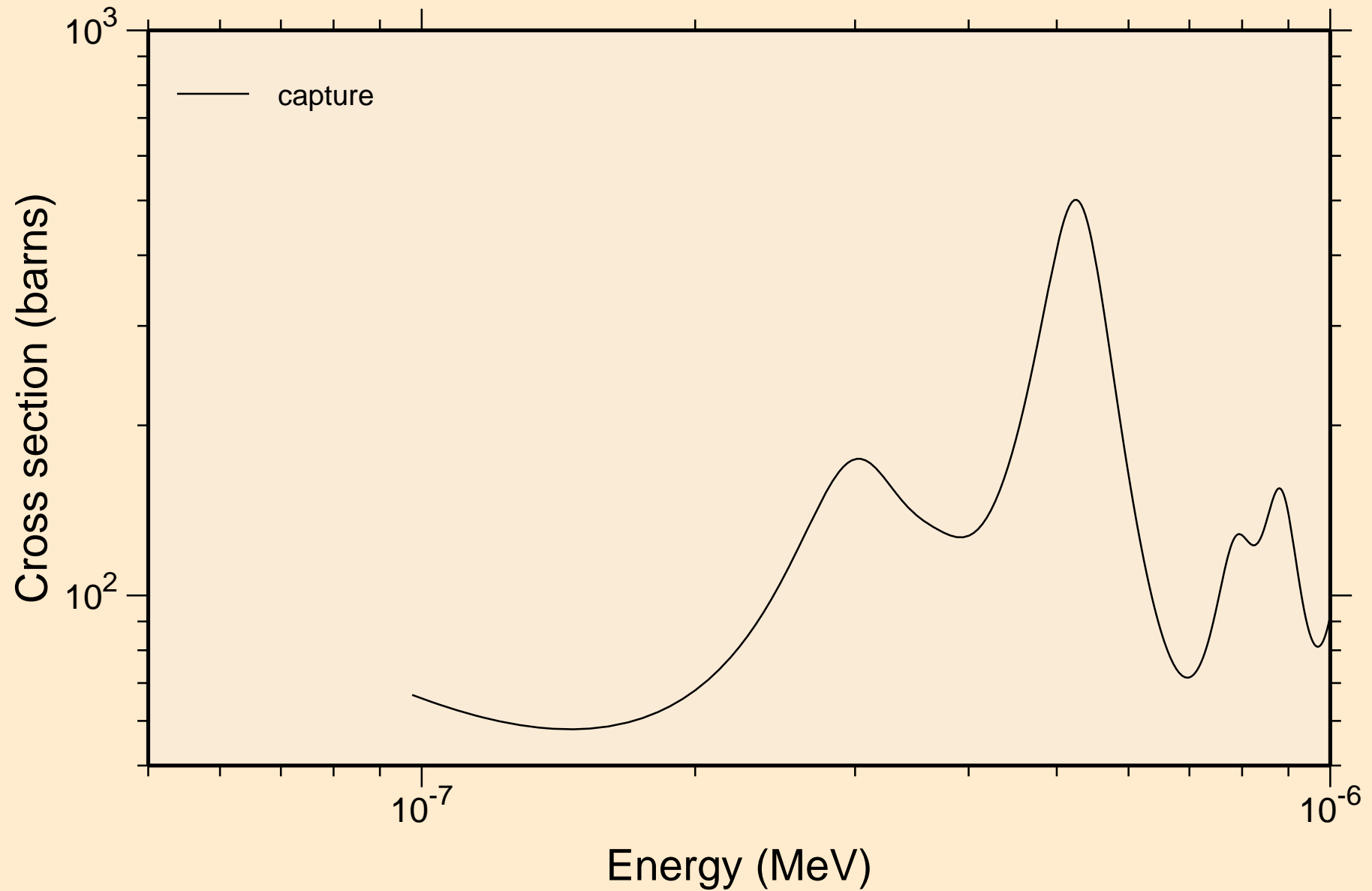
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



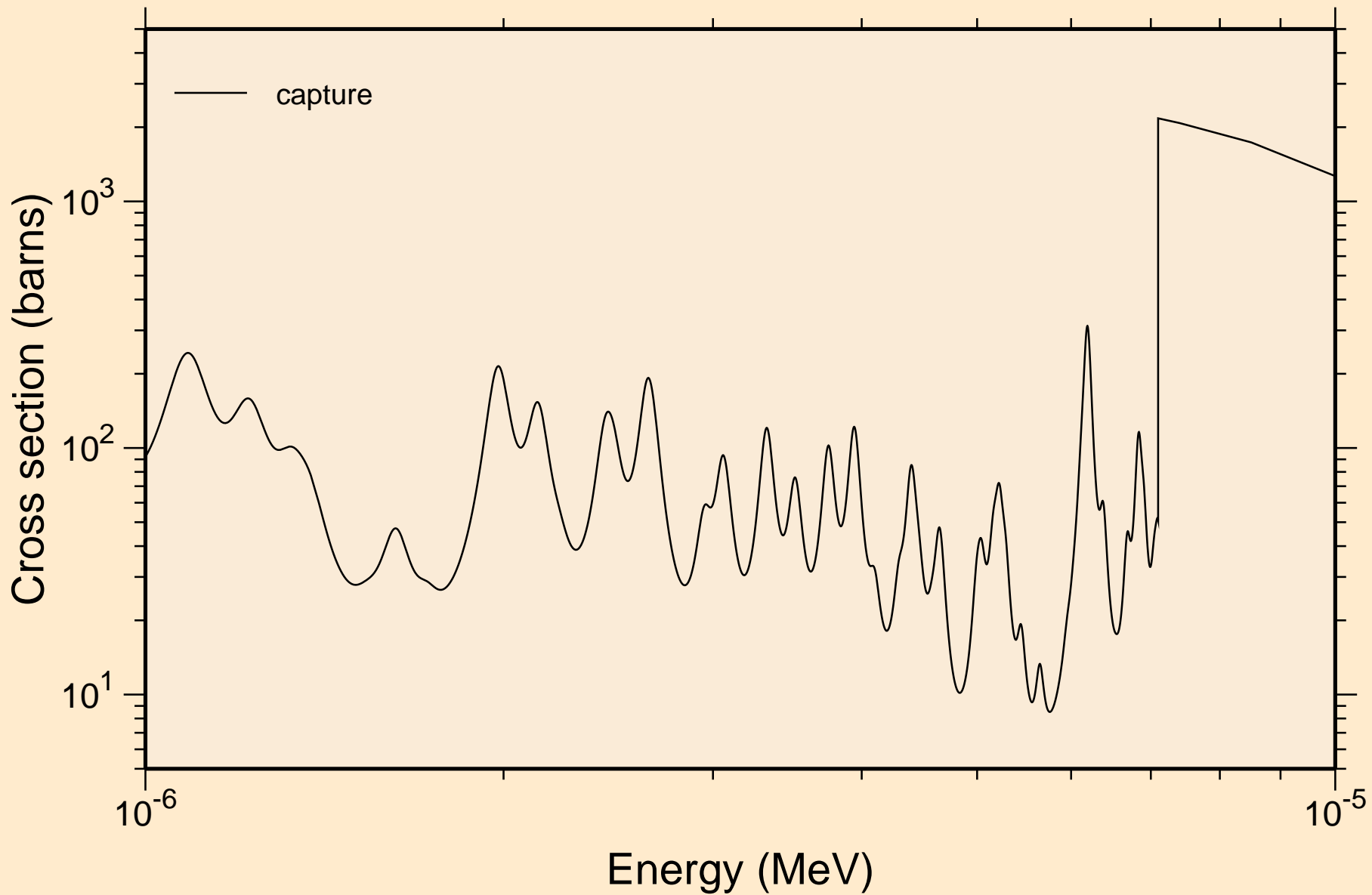
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



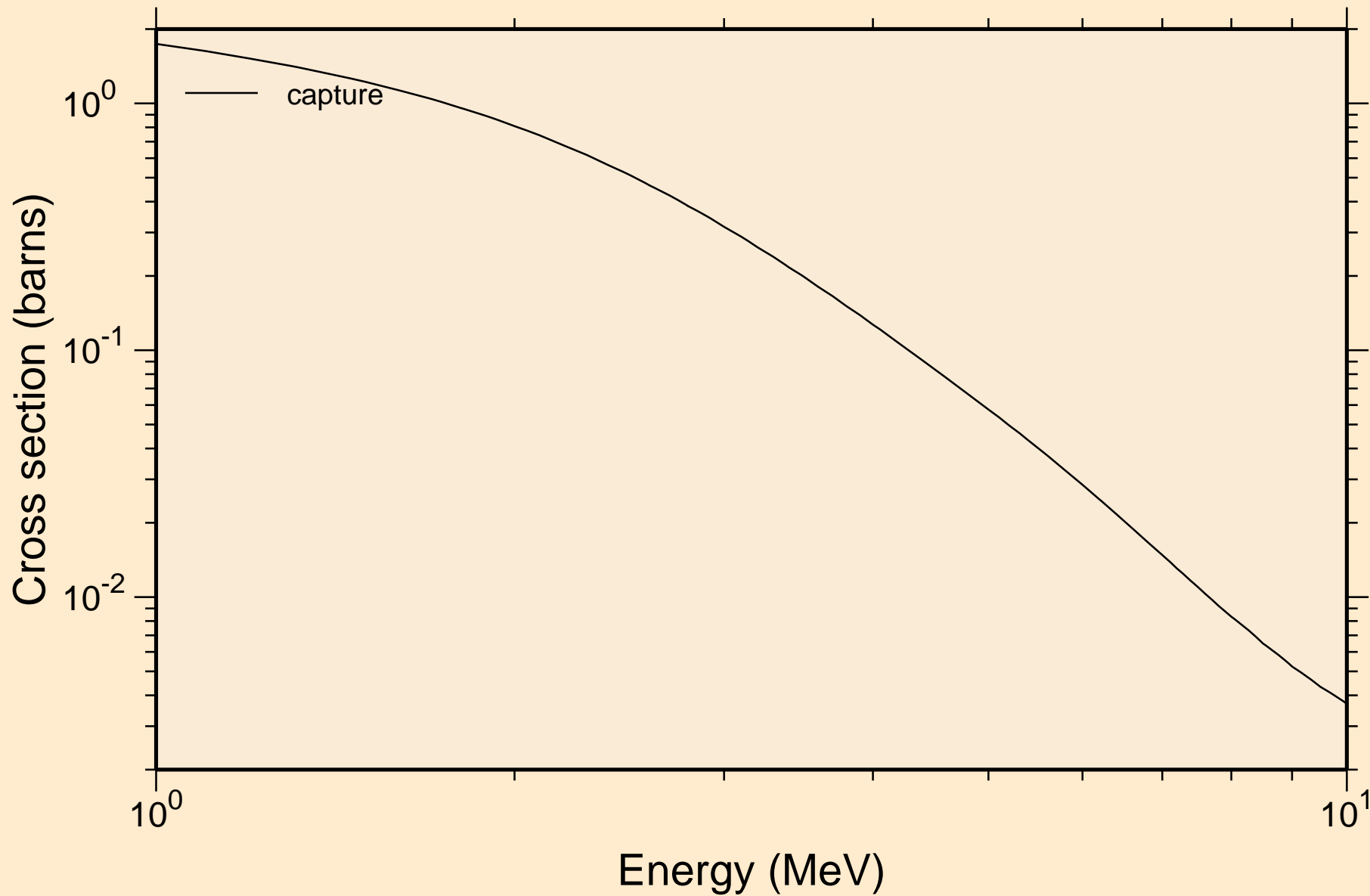
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

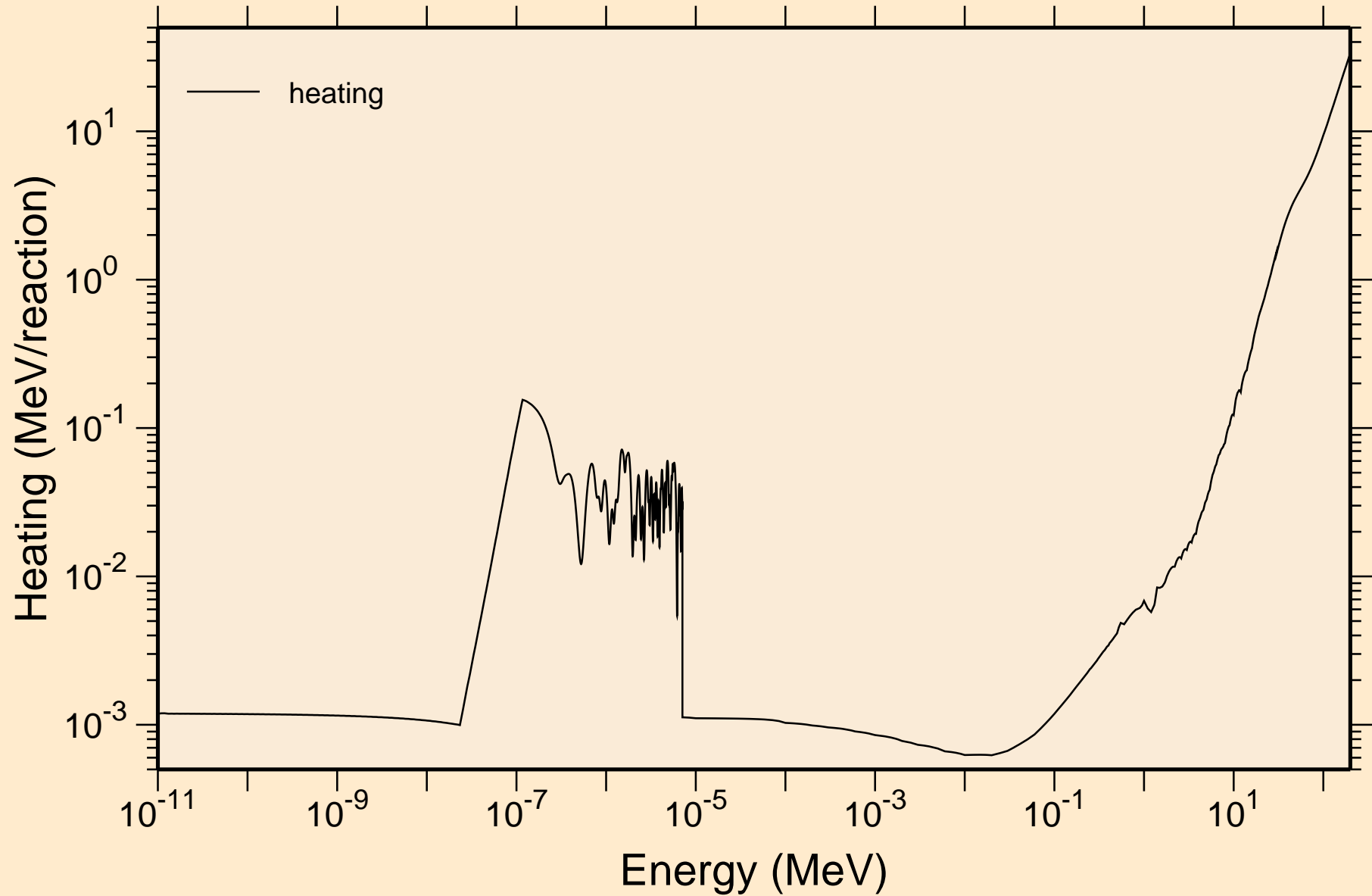


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



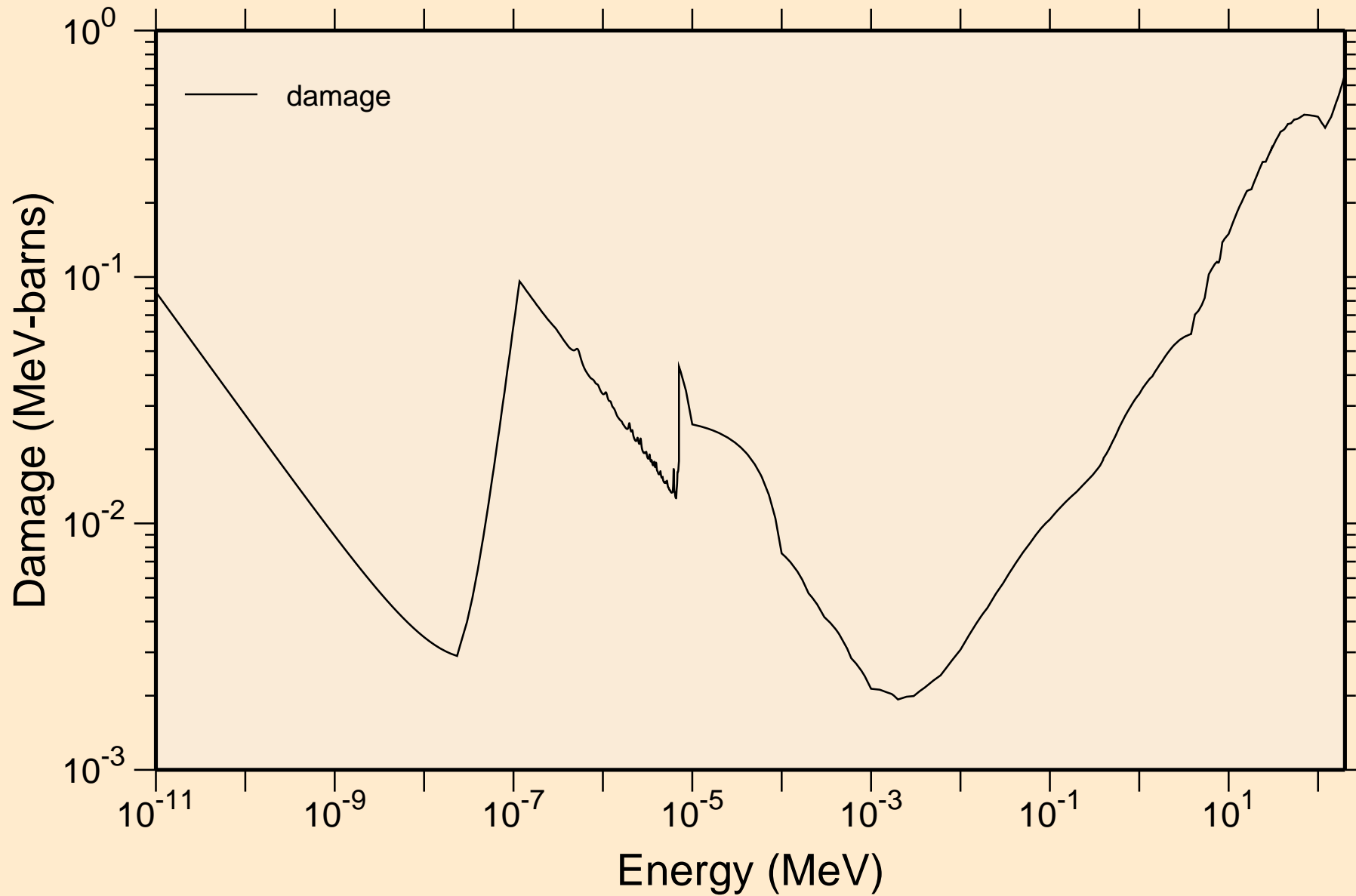
# TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

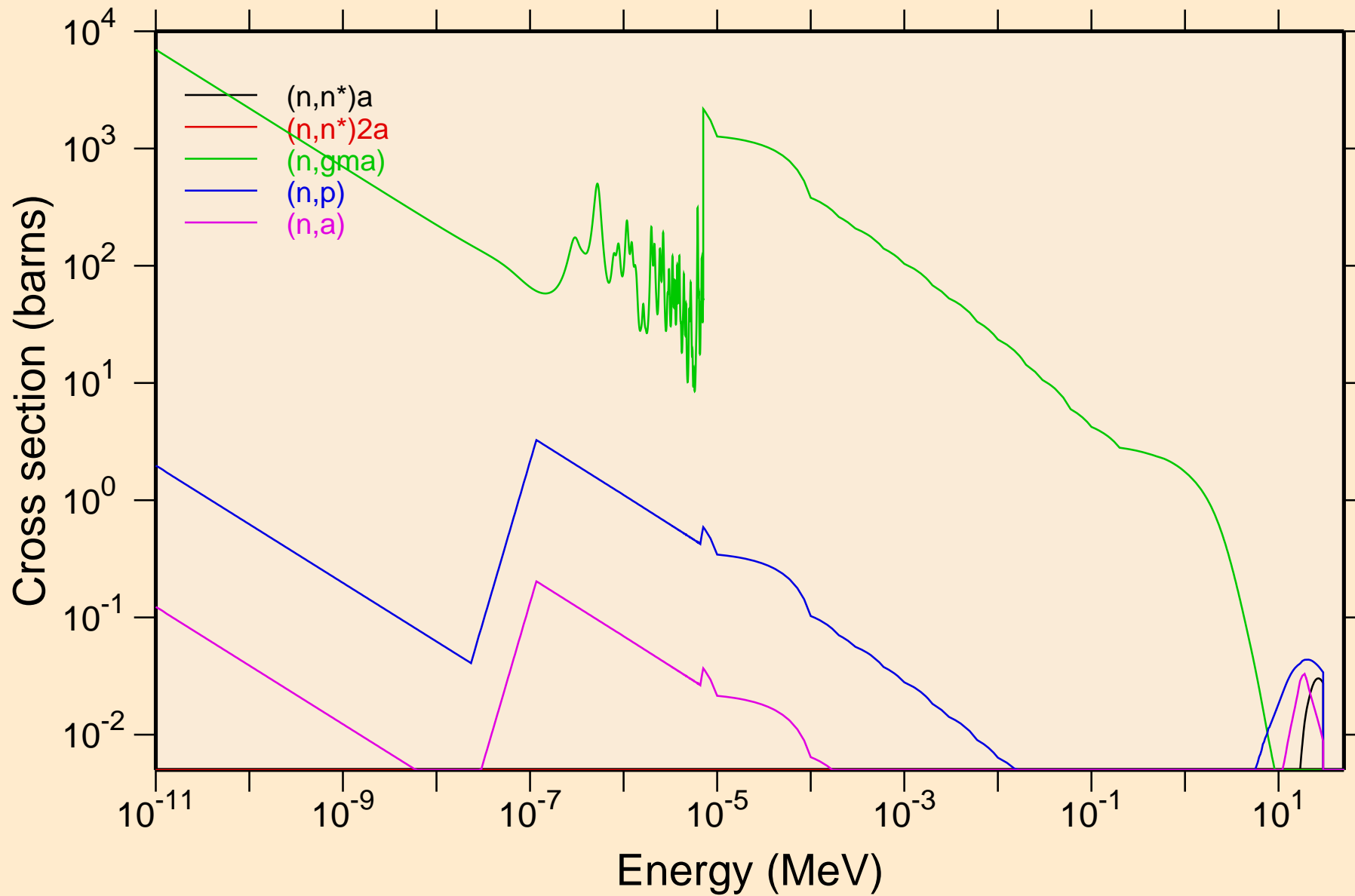




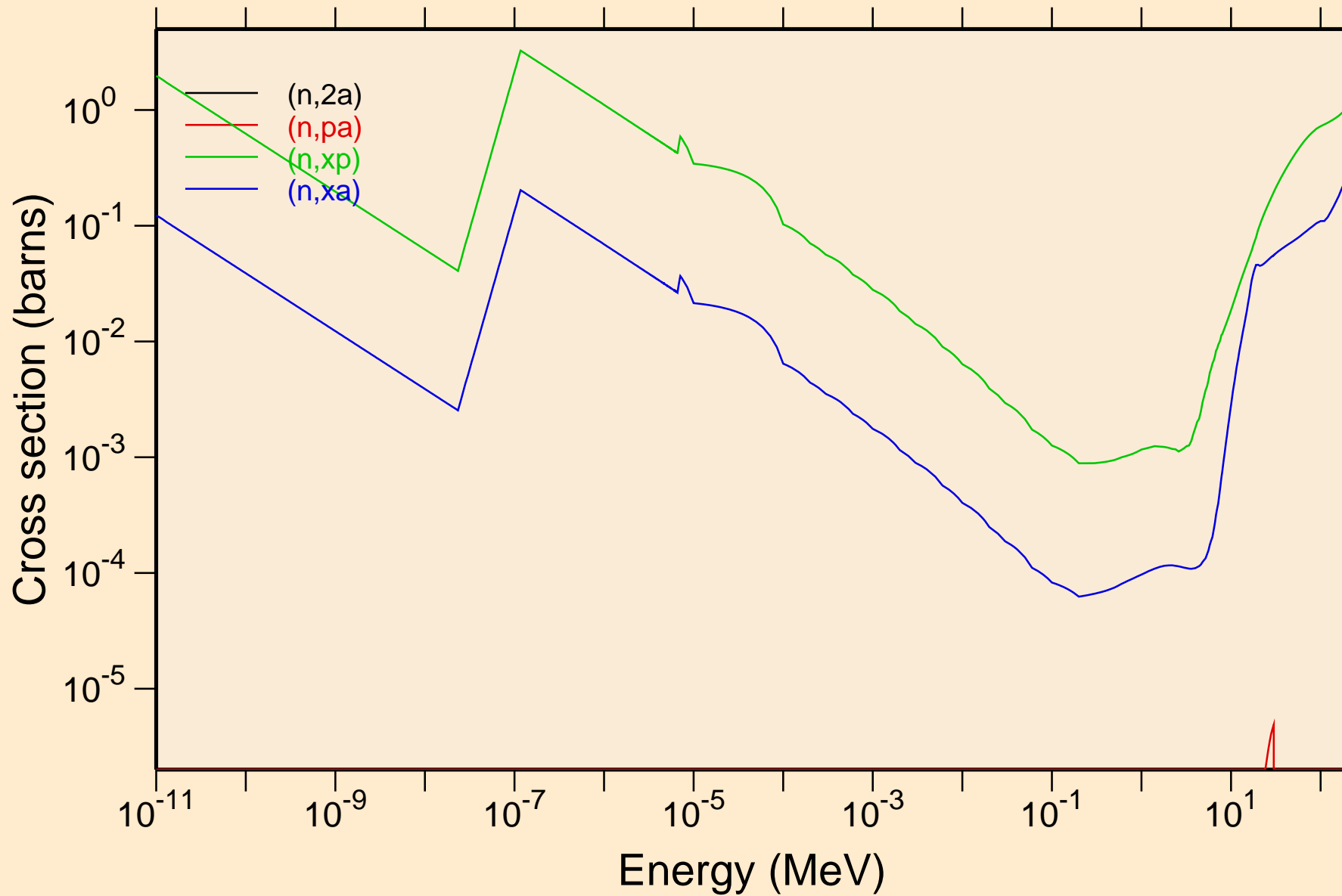
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

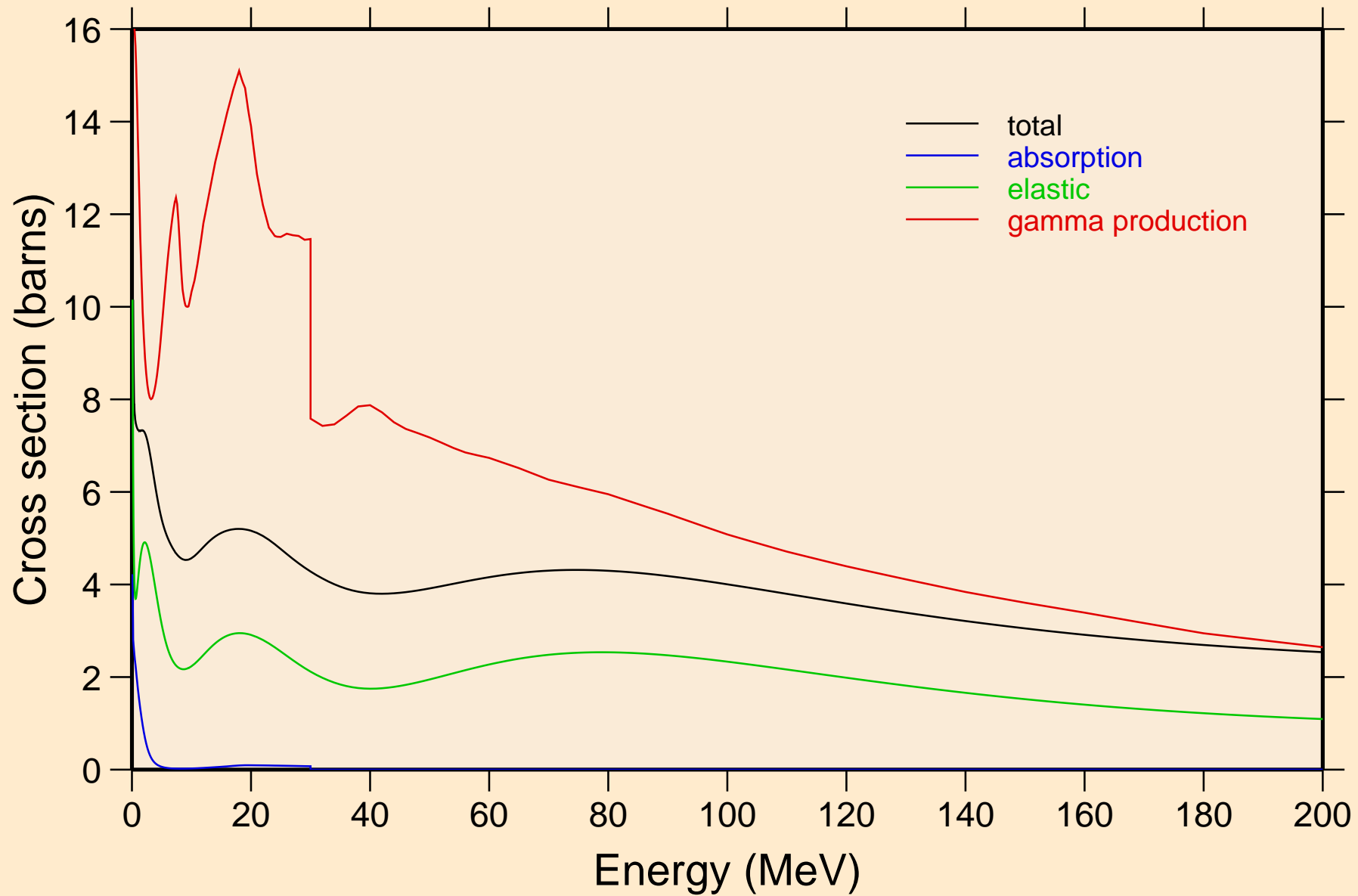


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



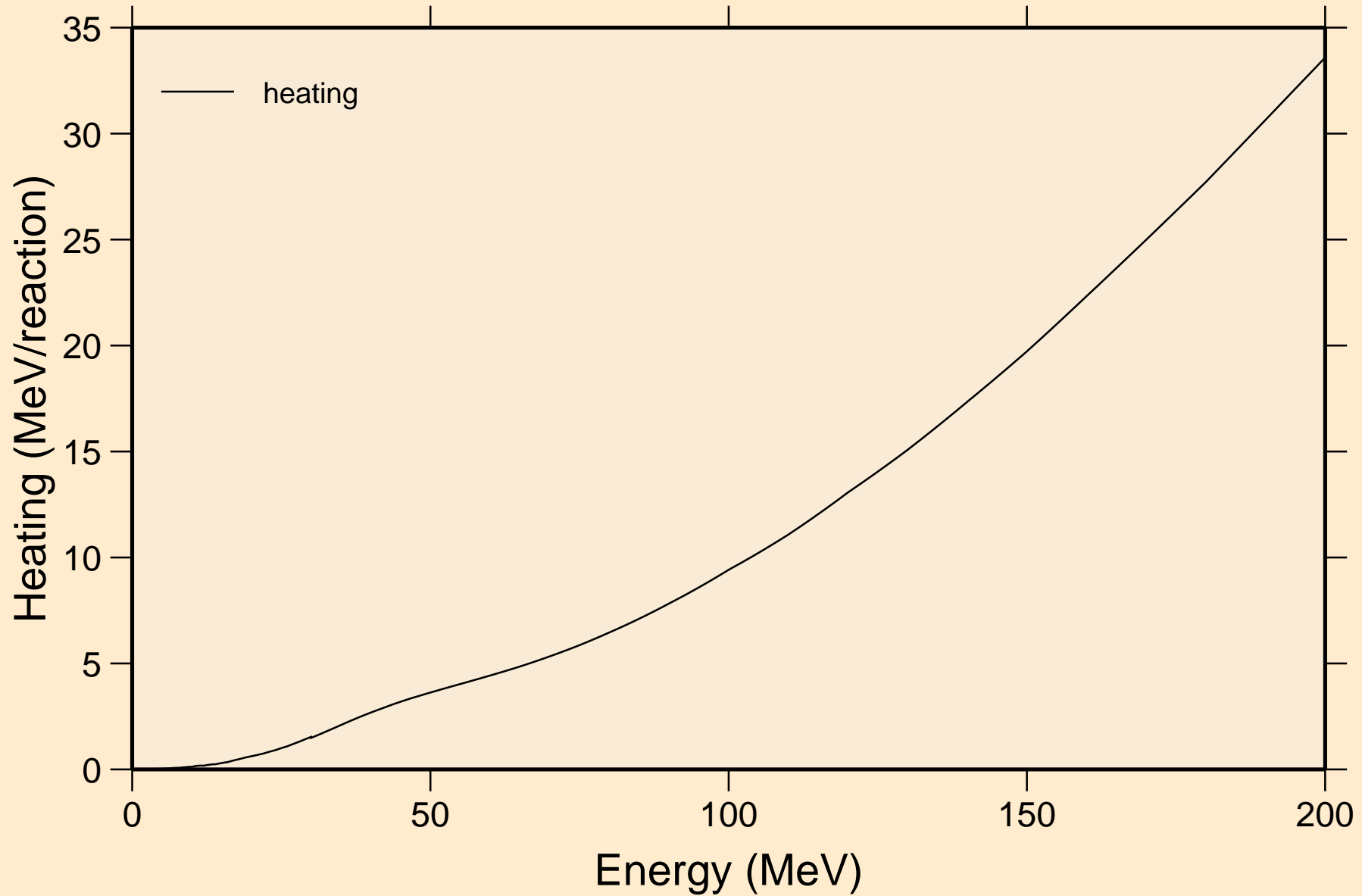
# TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

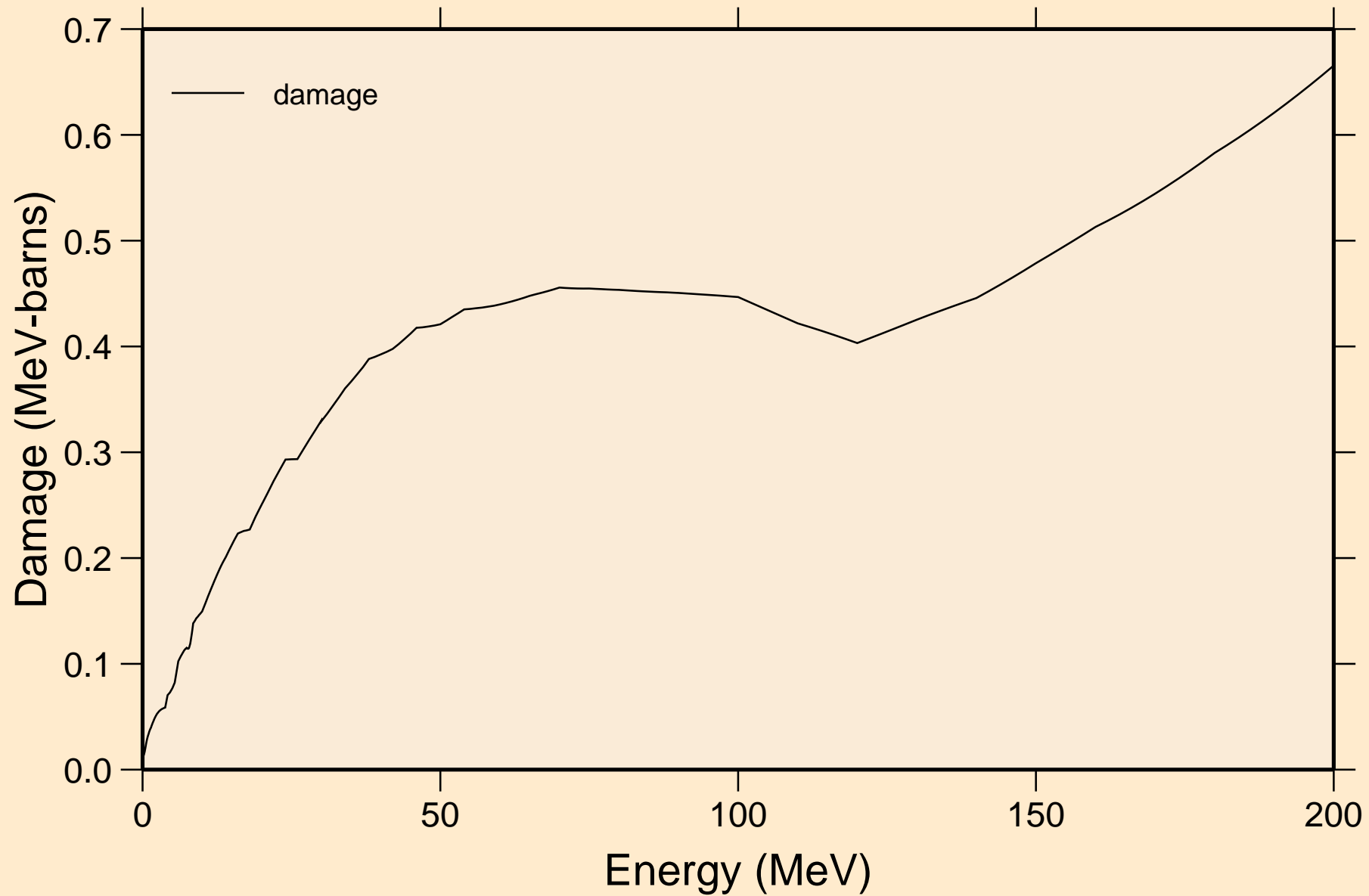


# TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

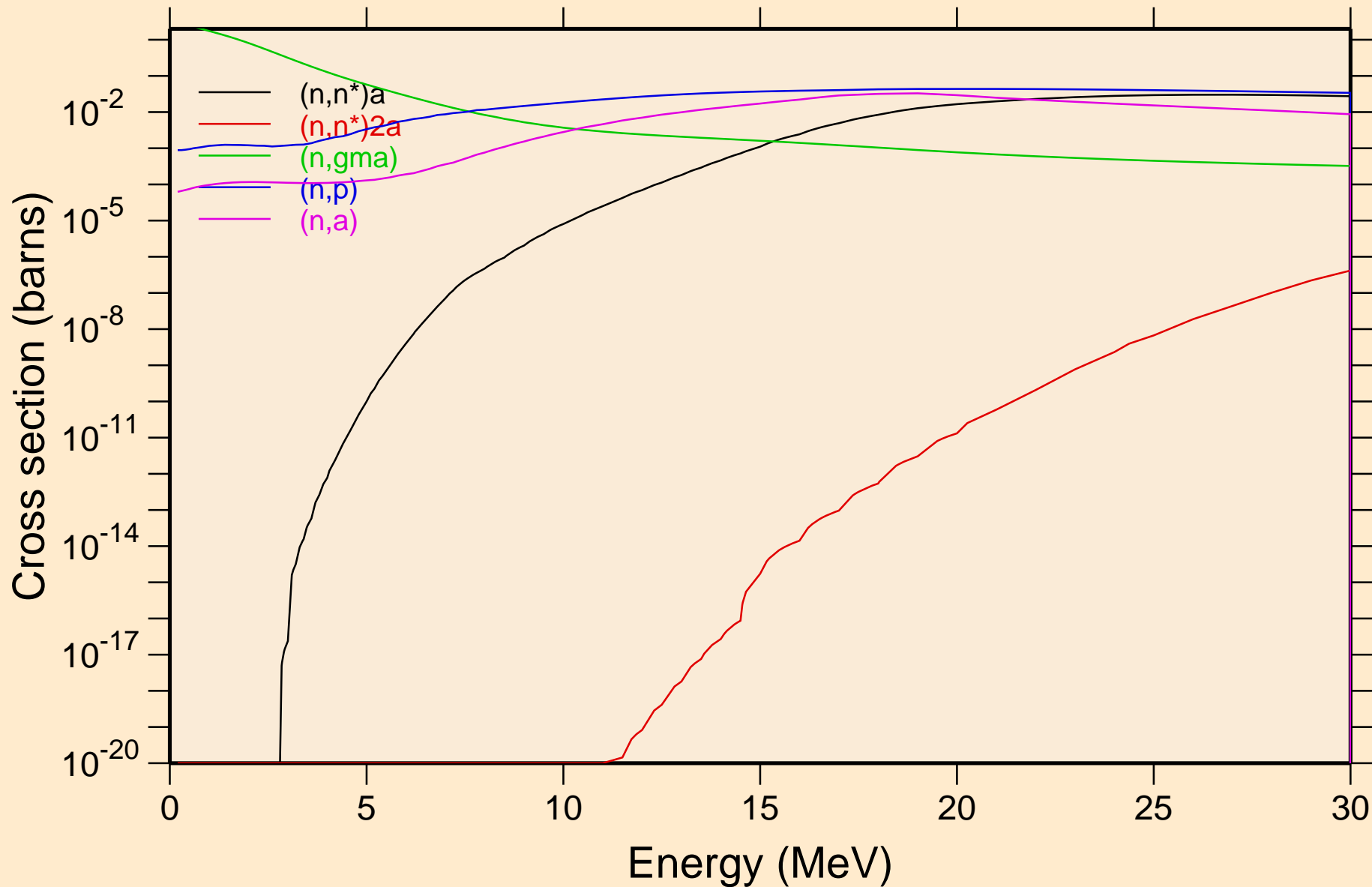
## Heating



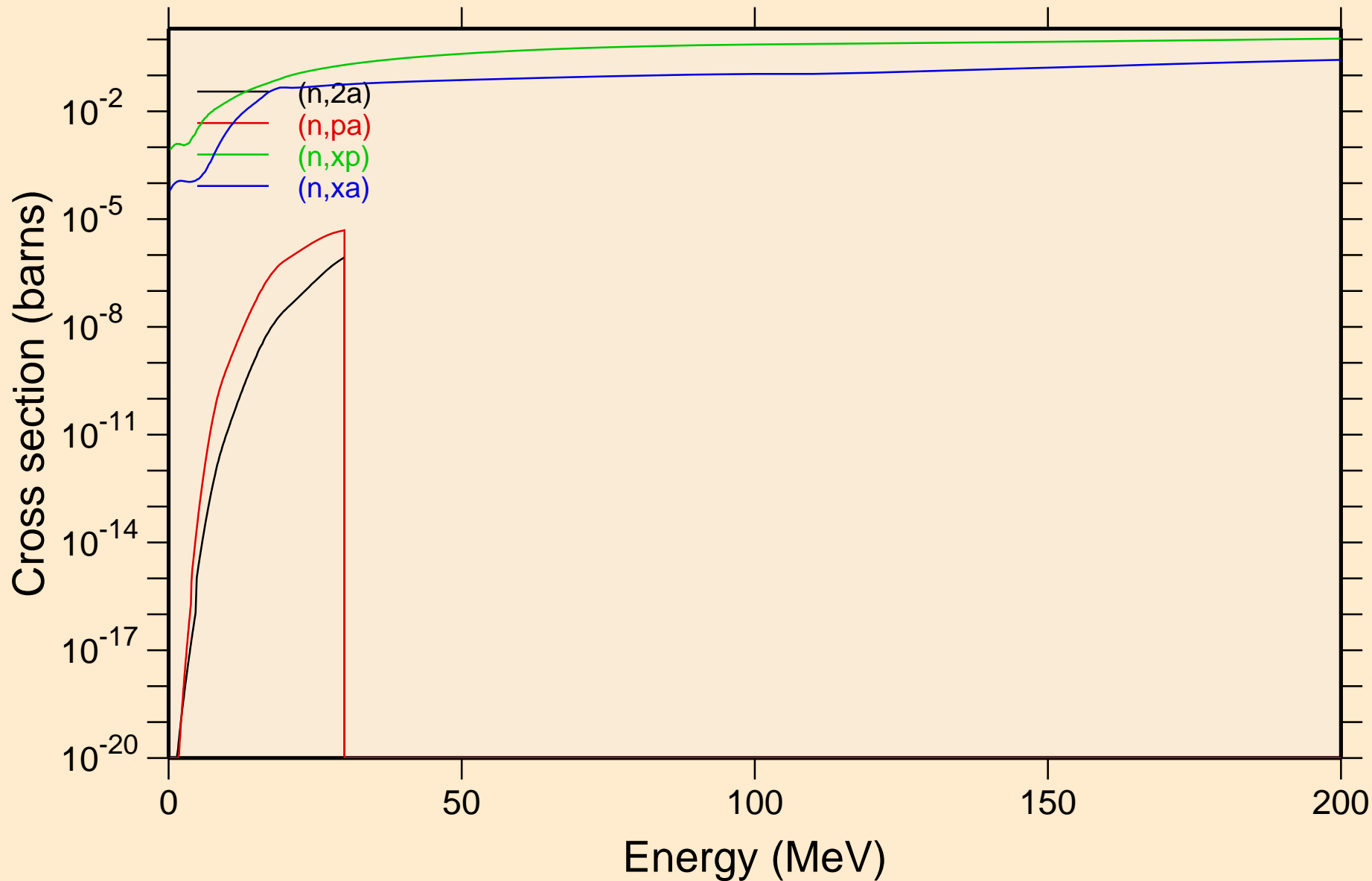
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

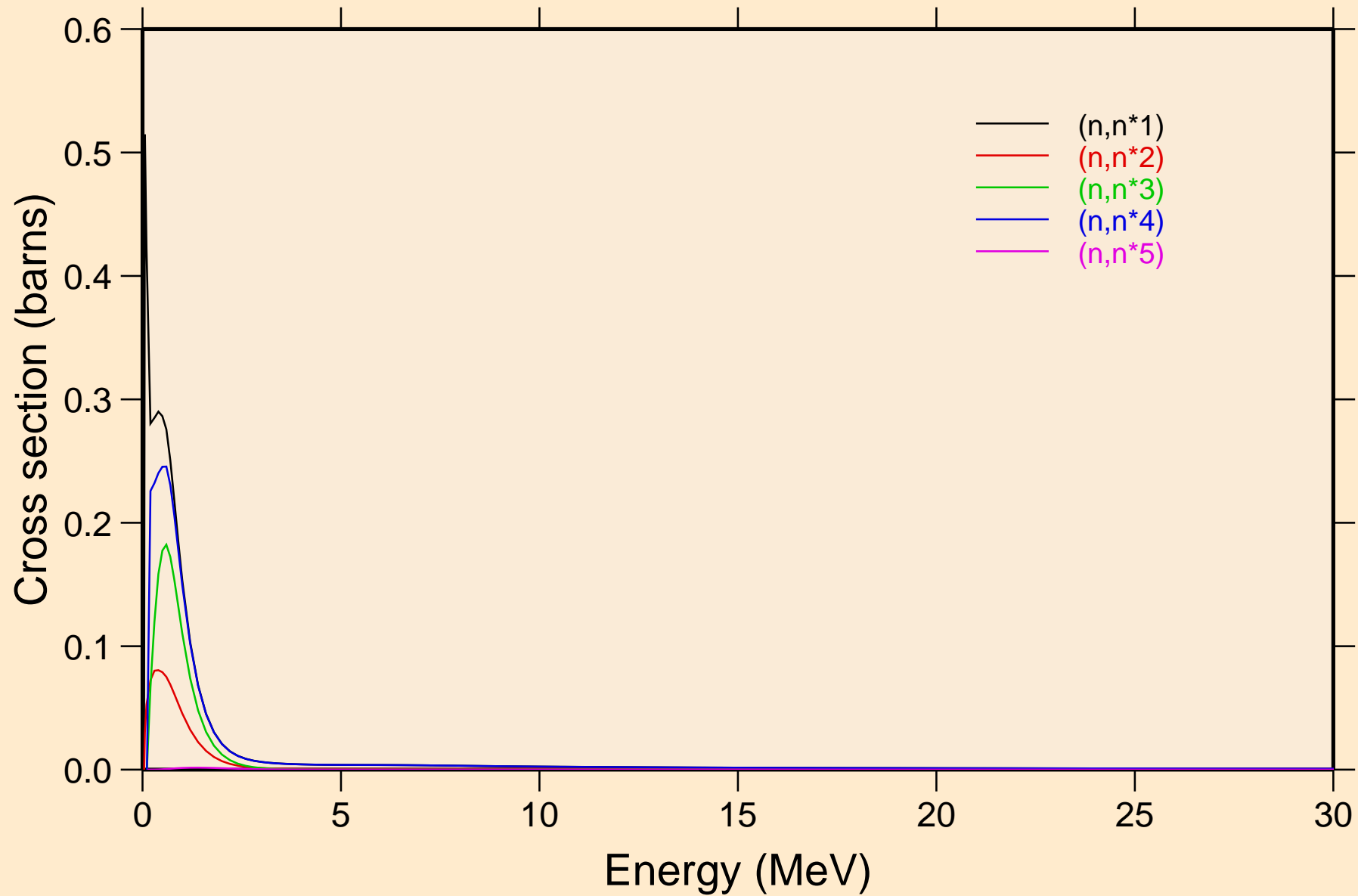


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

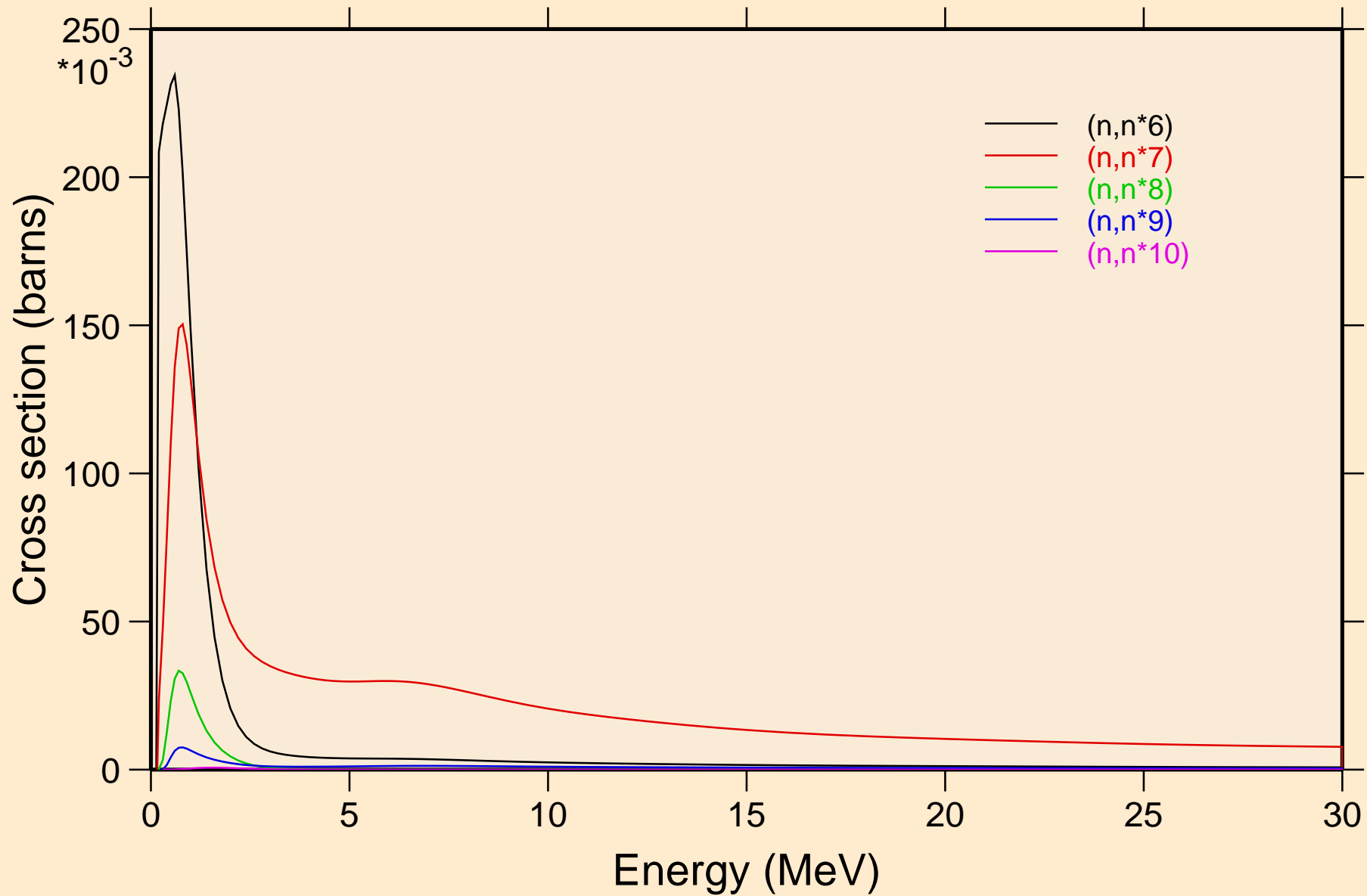




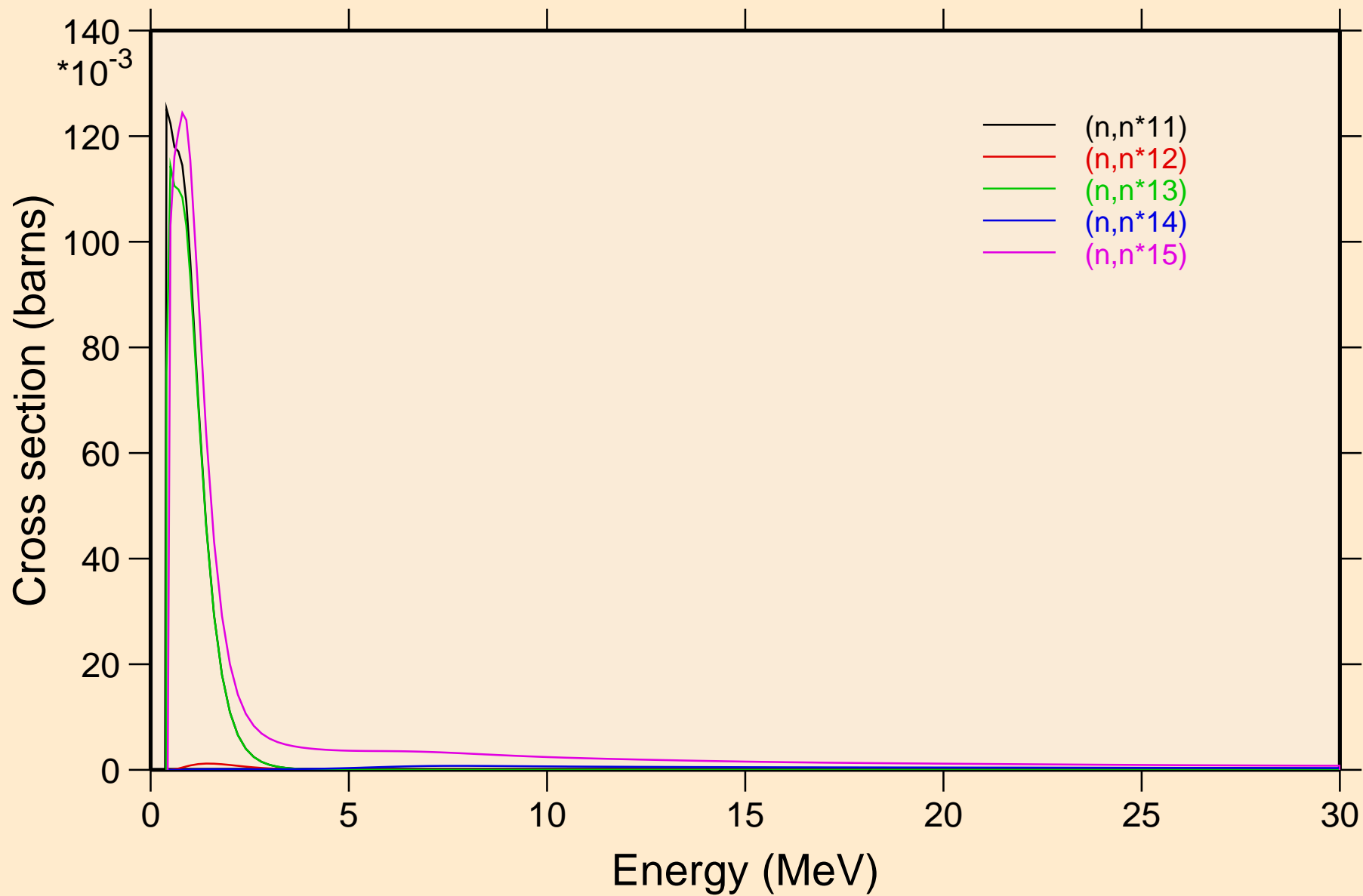
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

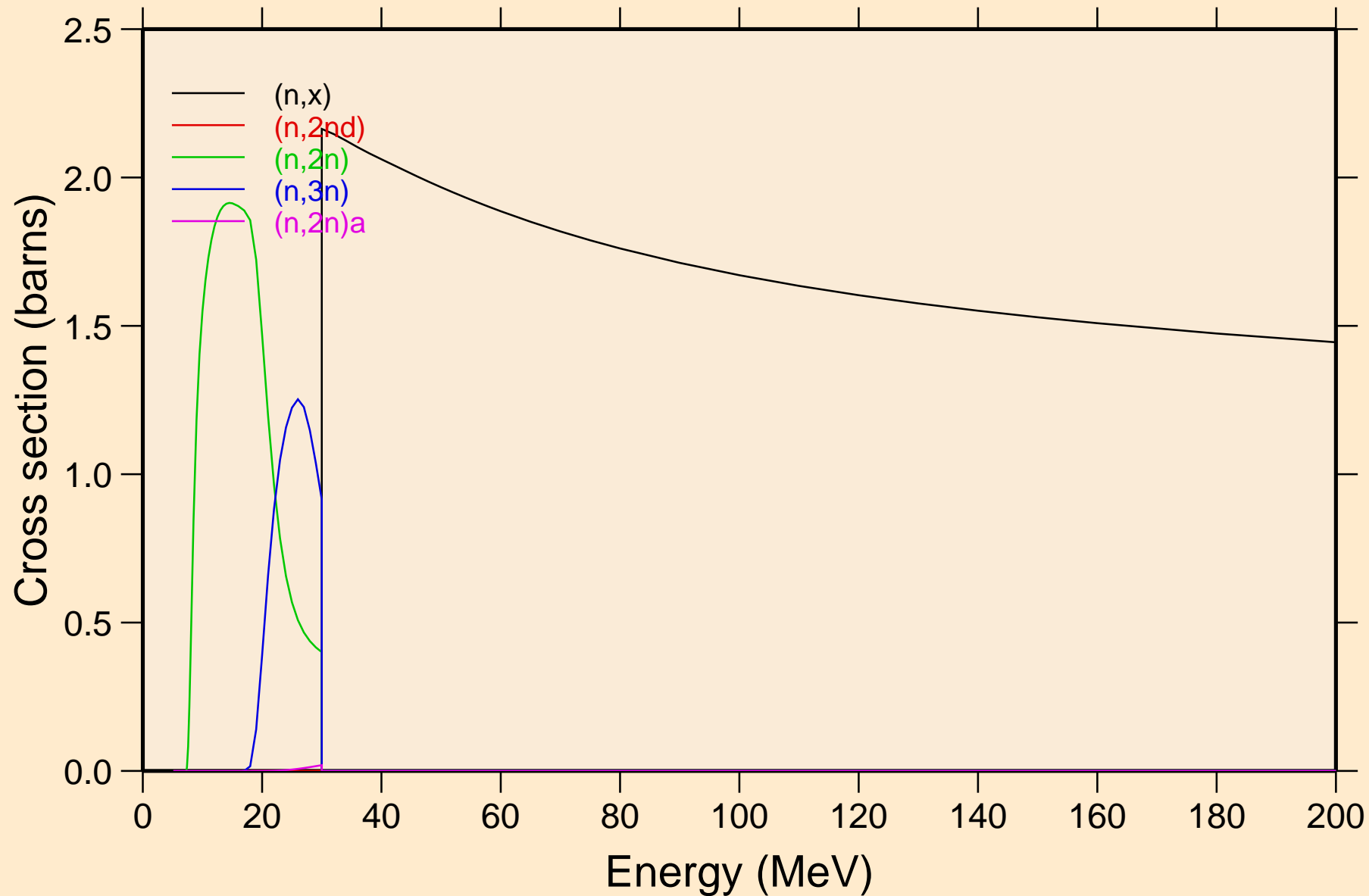


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



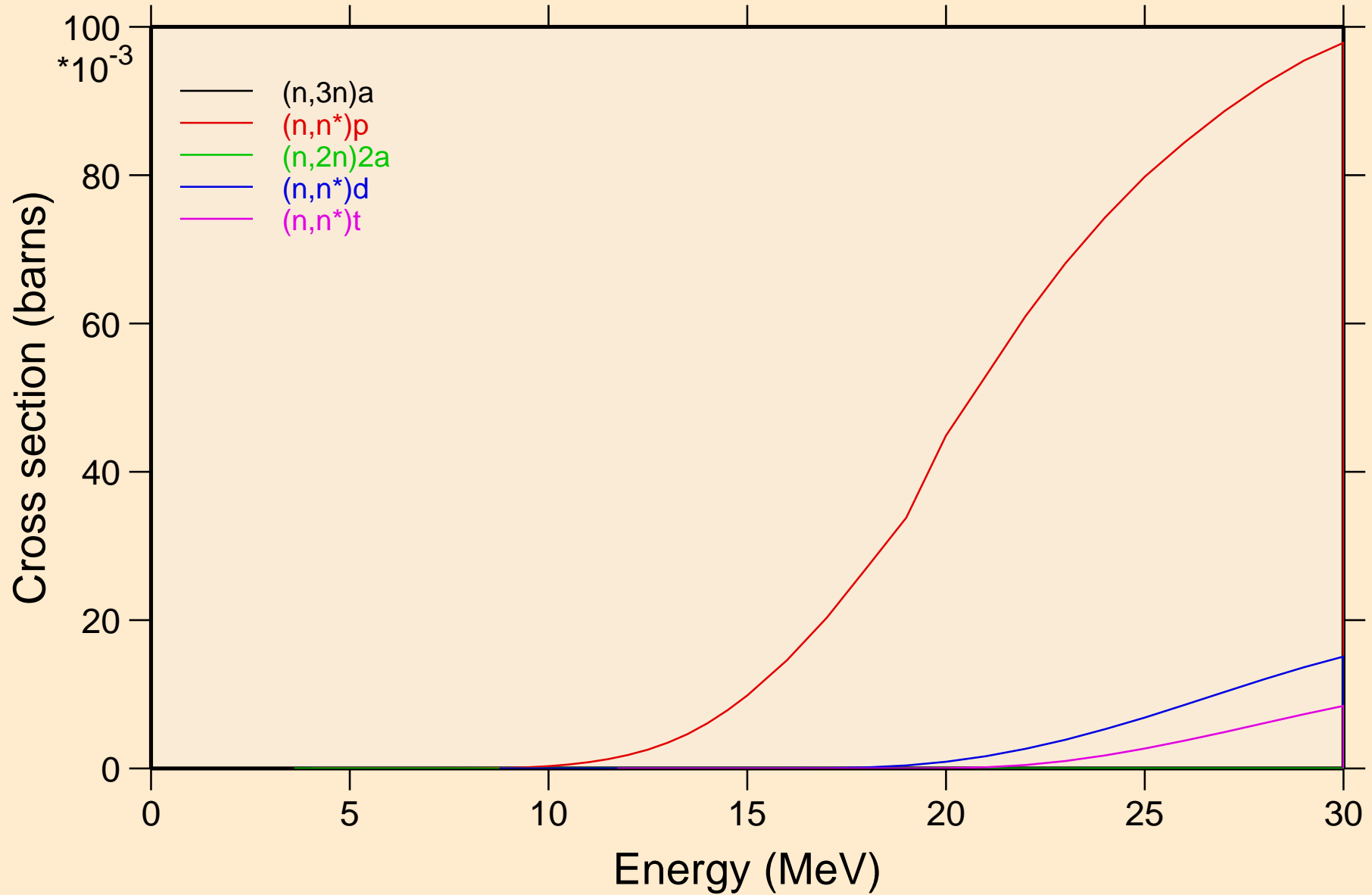
# TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

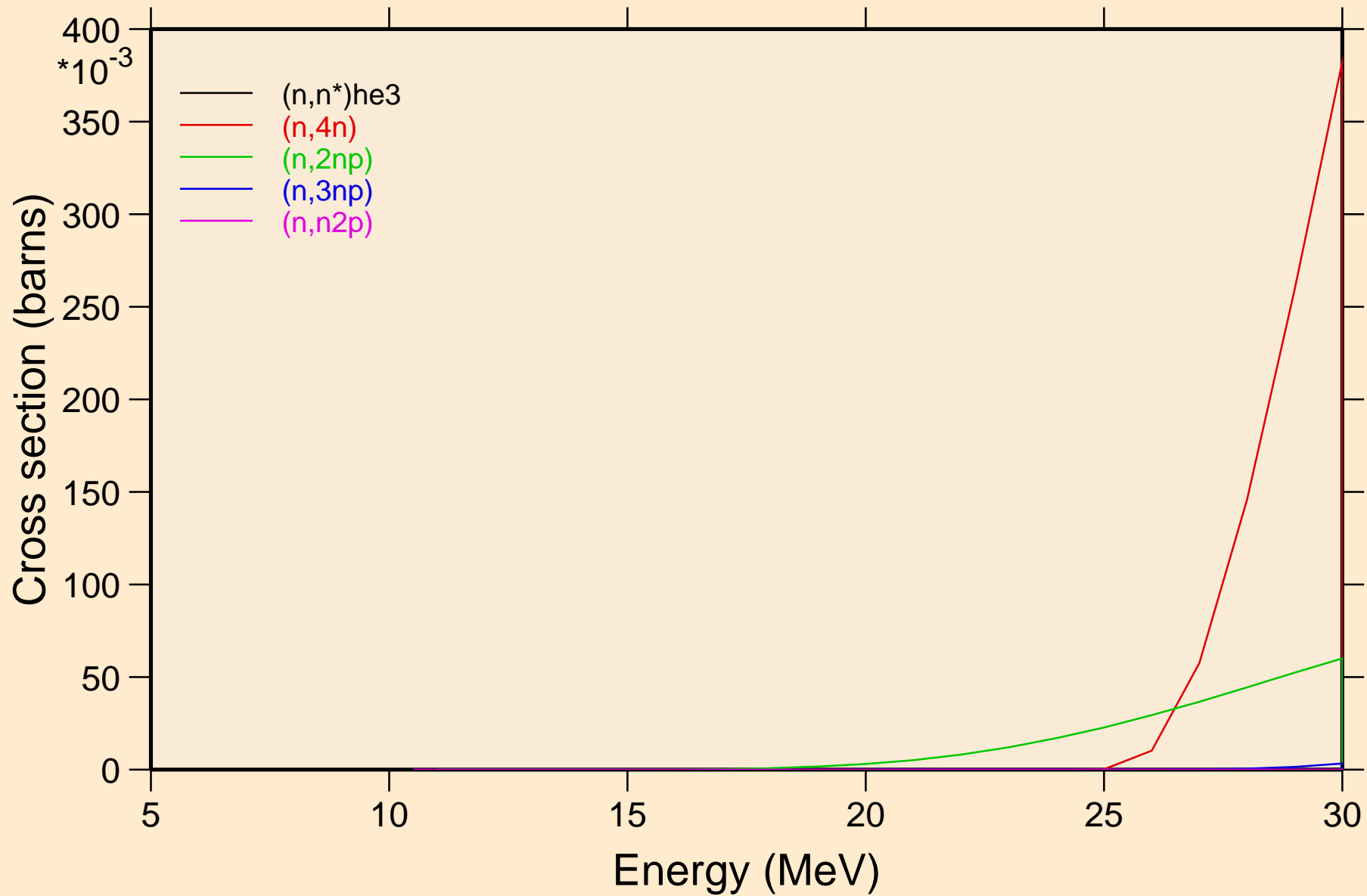


# TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

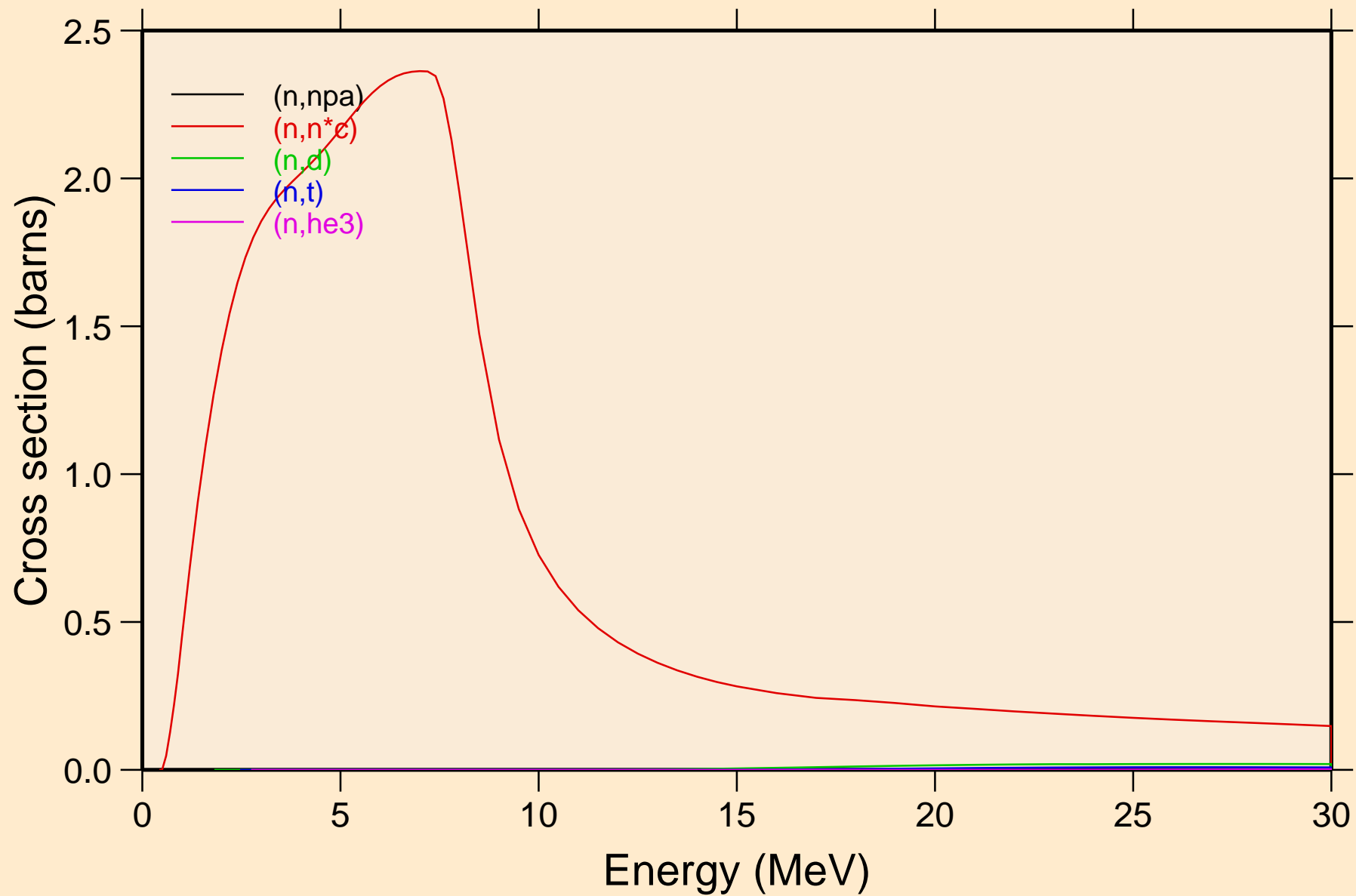
## Threshold reactions



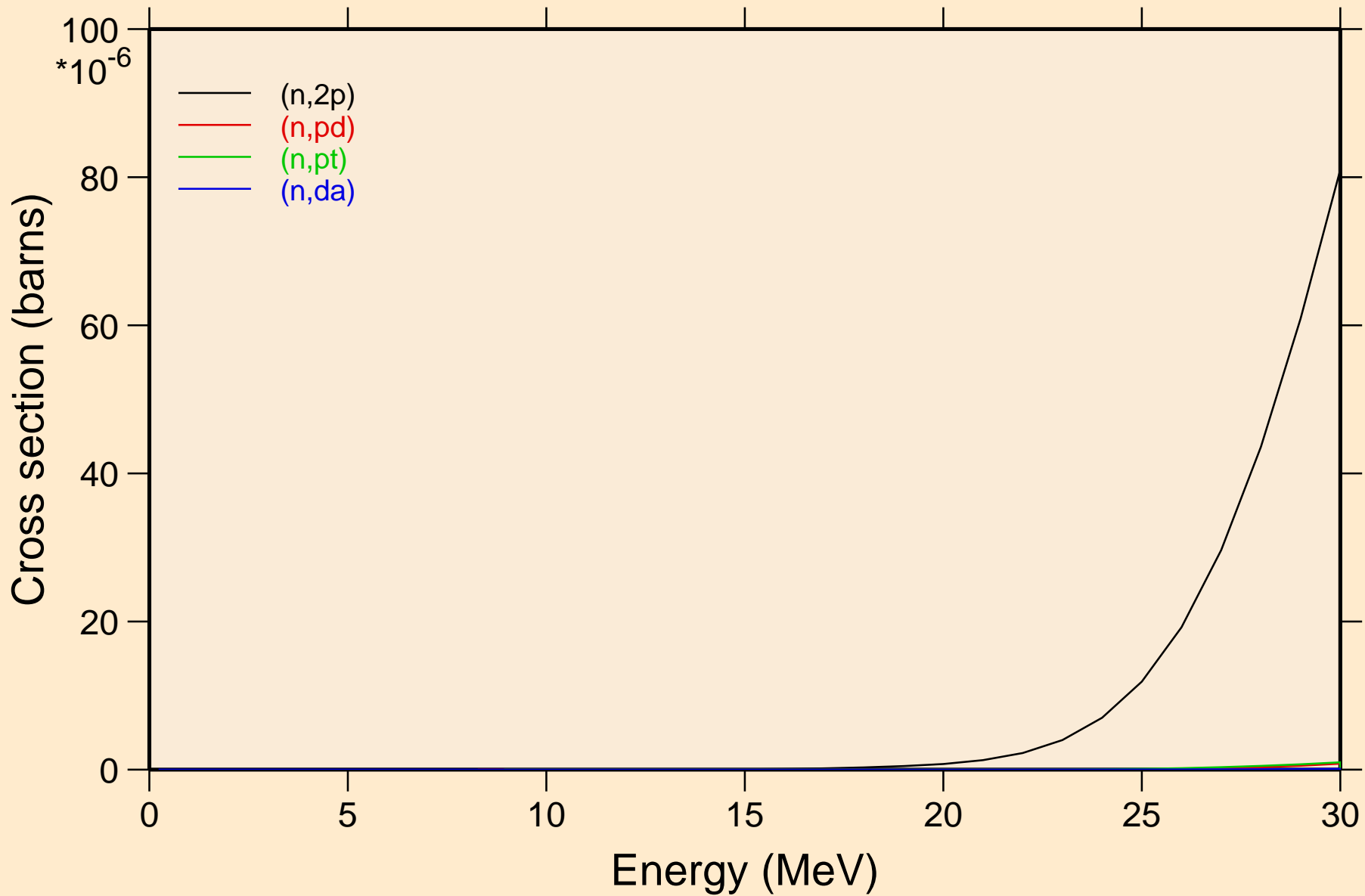
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



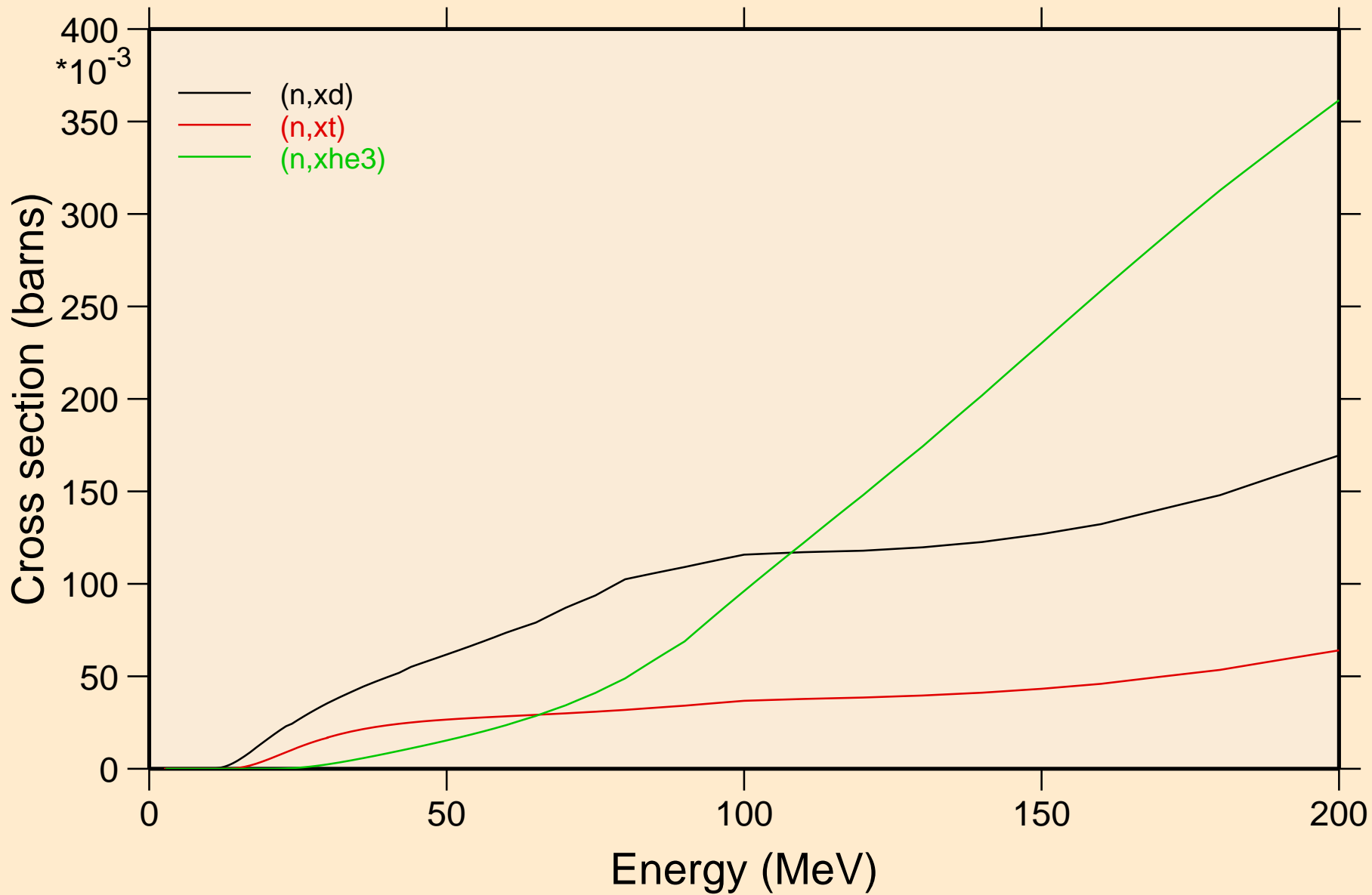
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



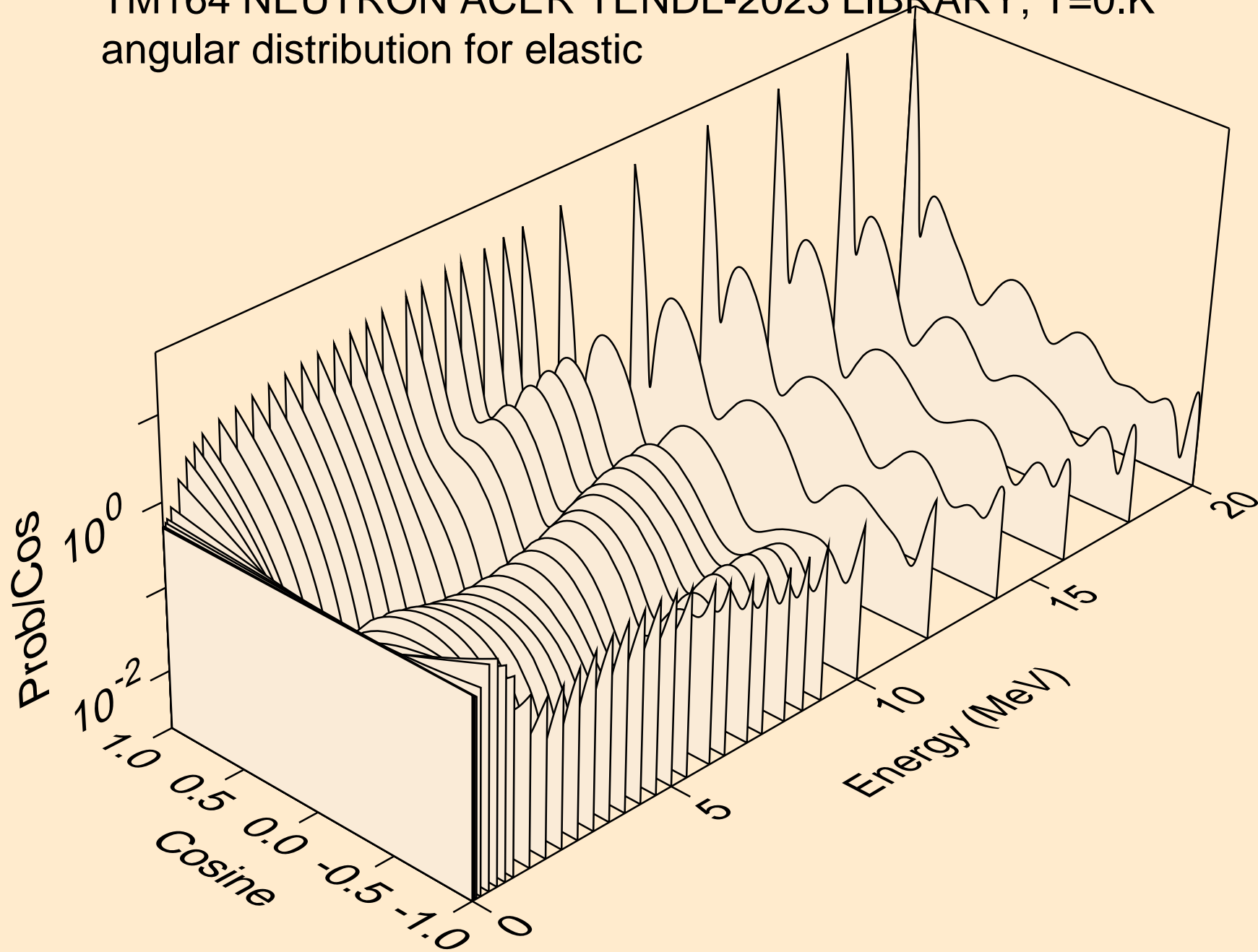


# TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

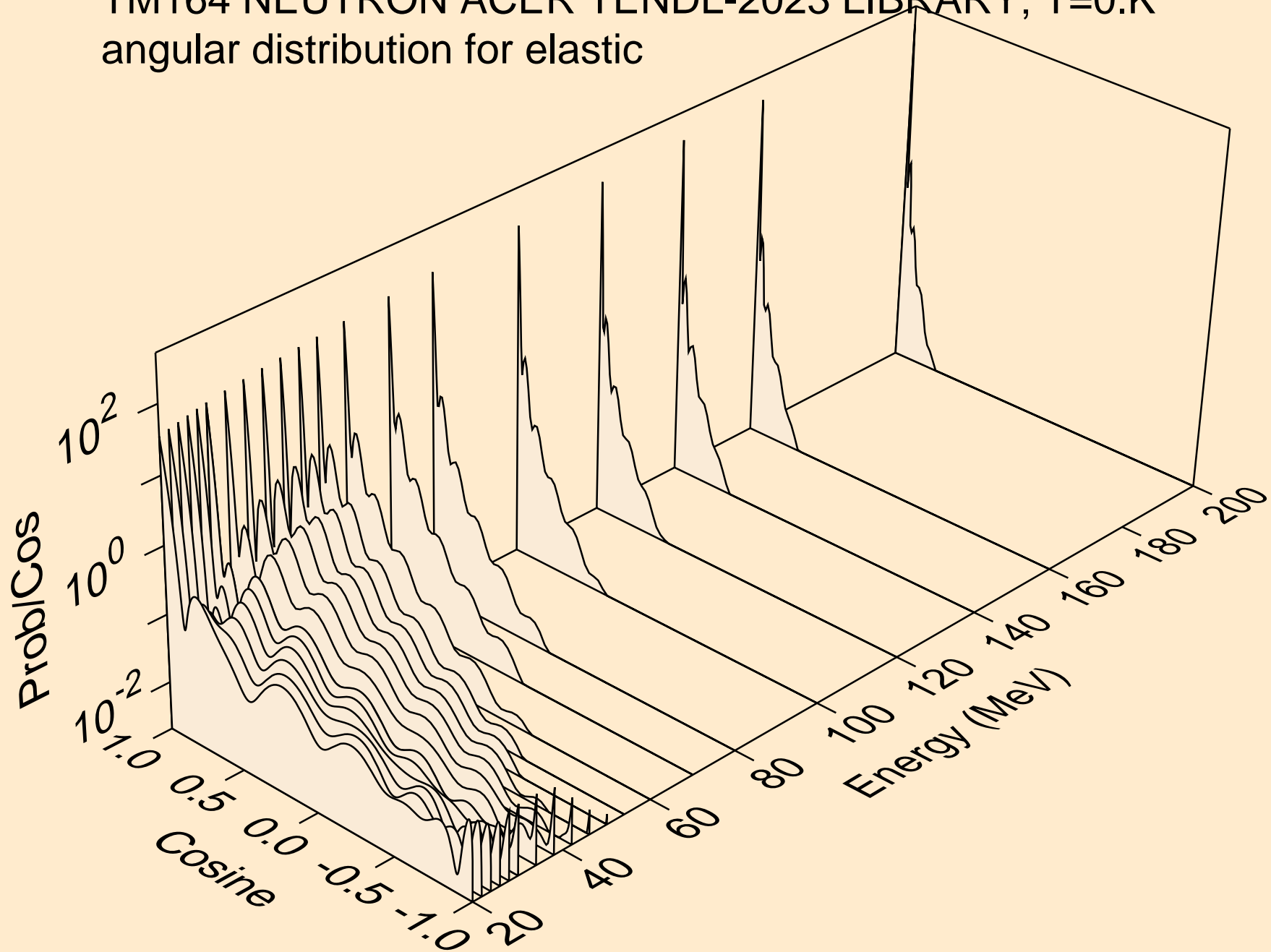
## Threshold reactions



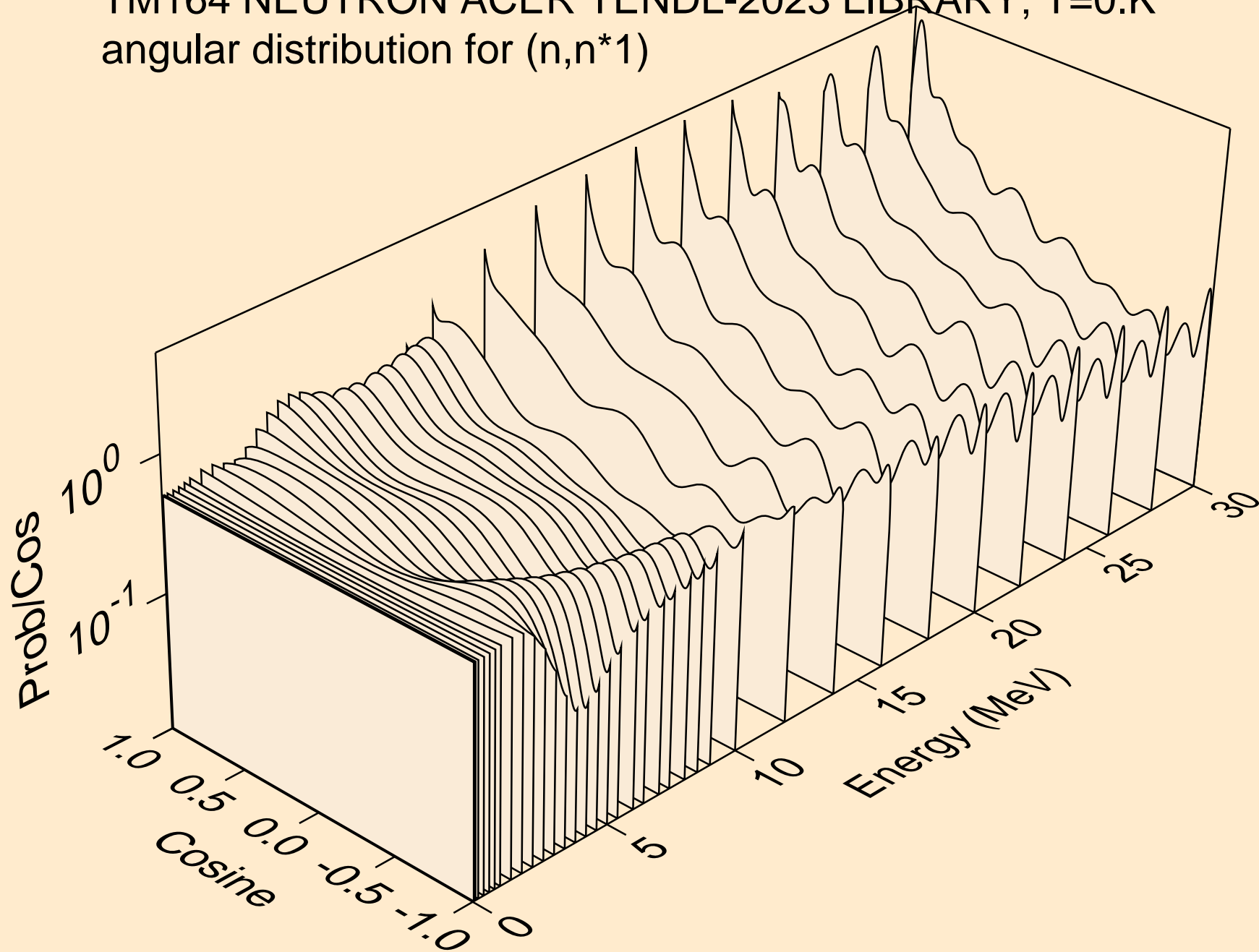
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



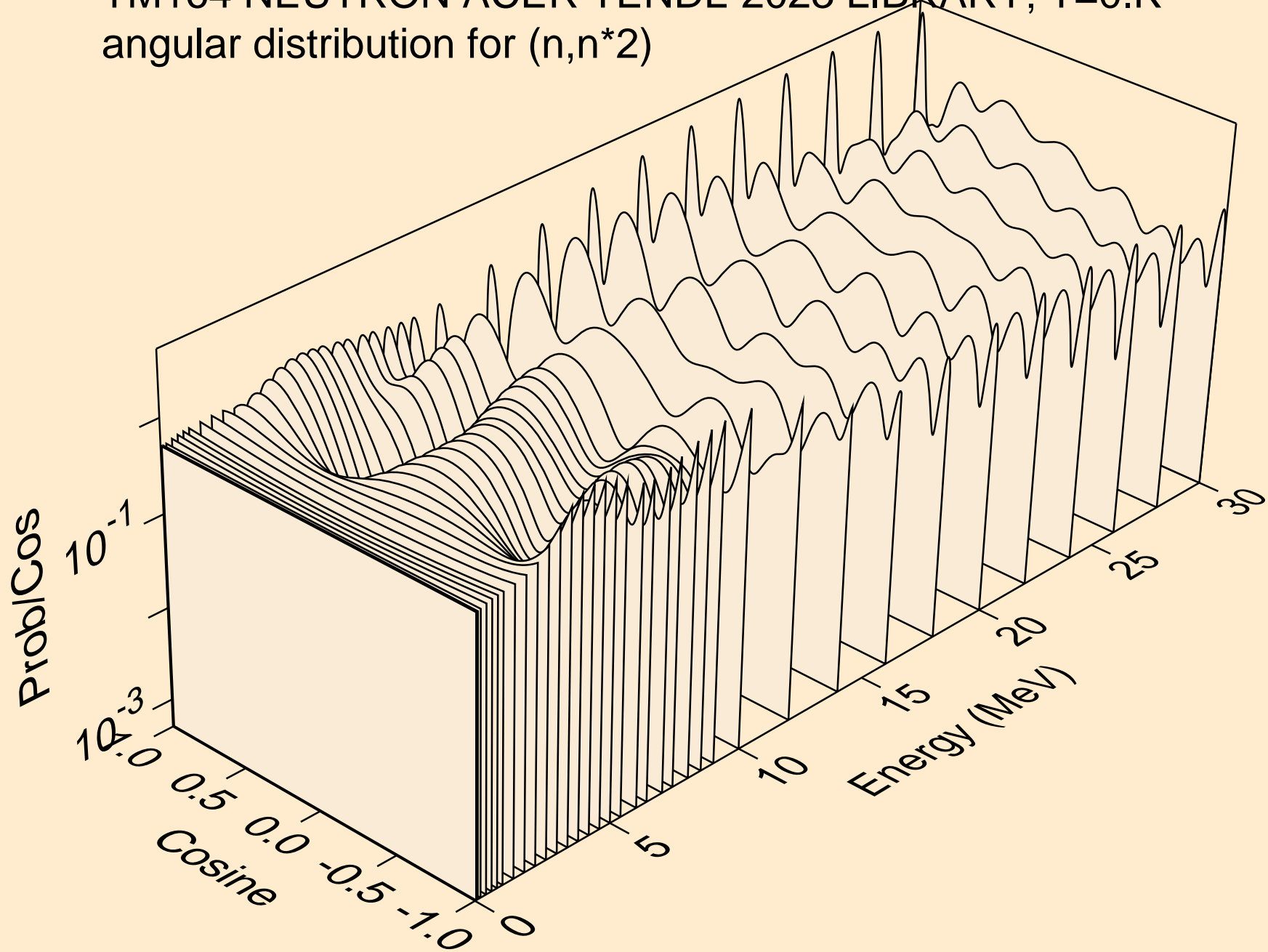
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



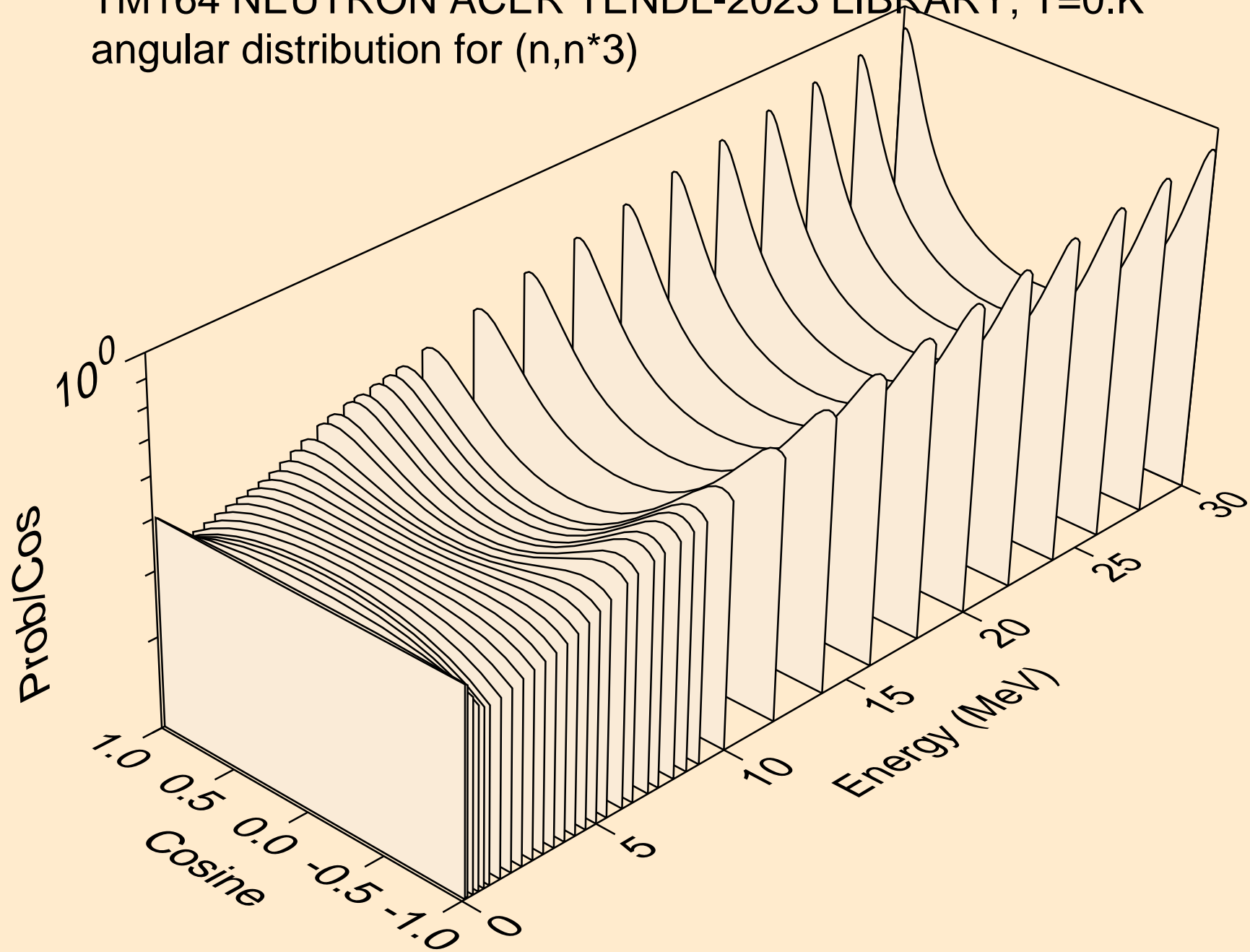
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



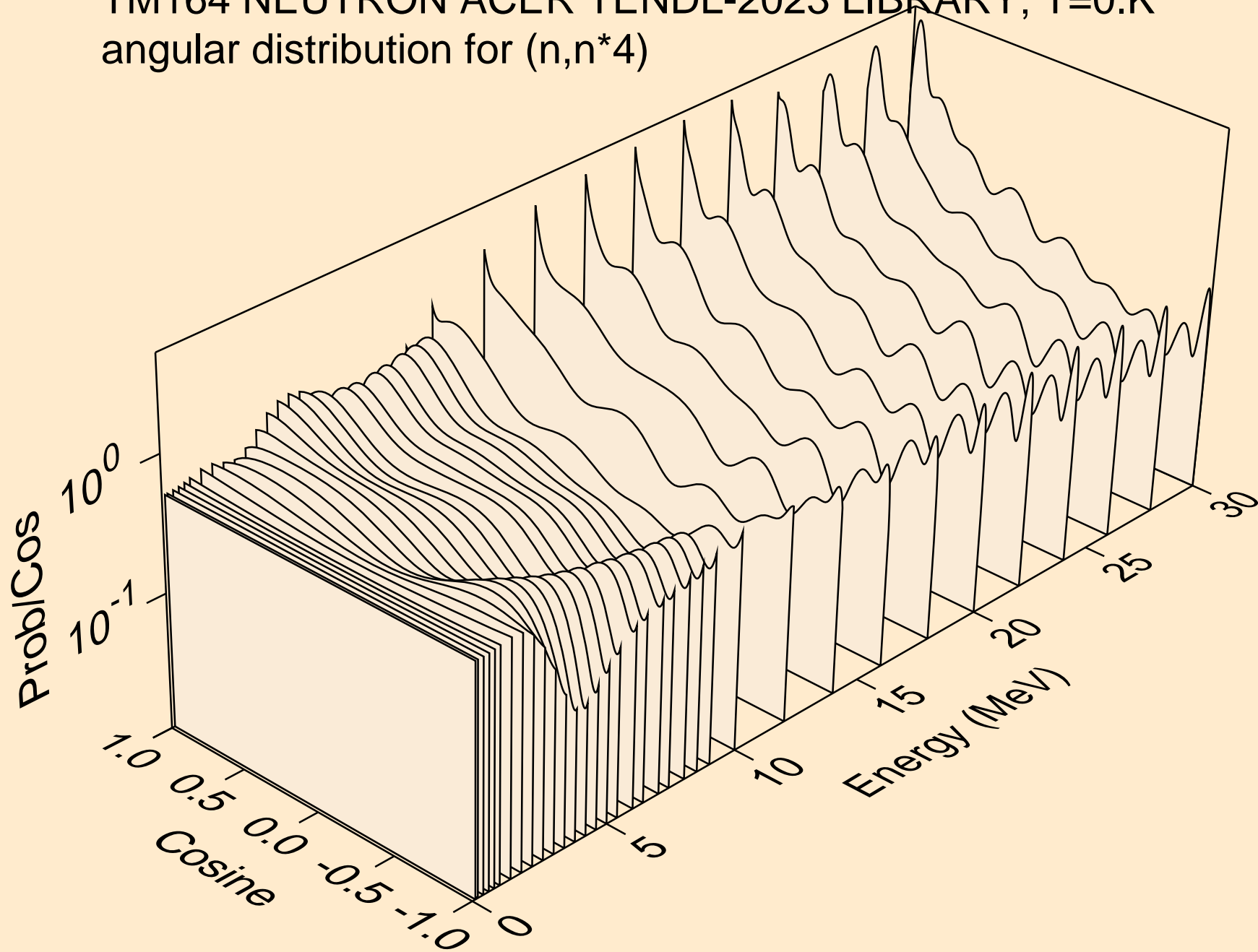
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



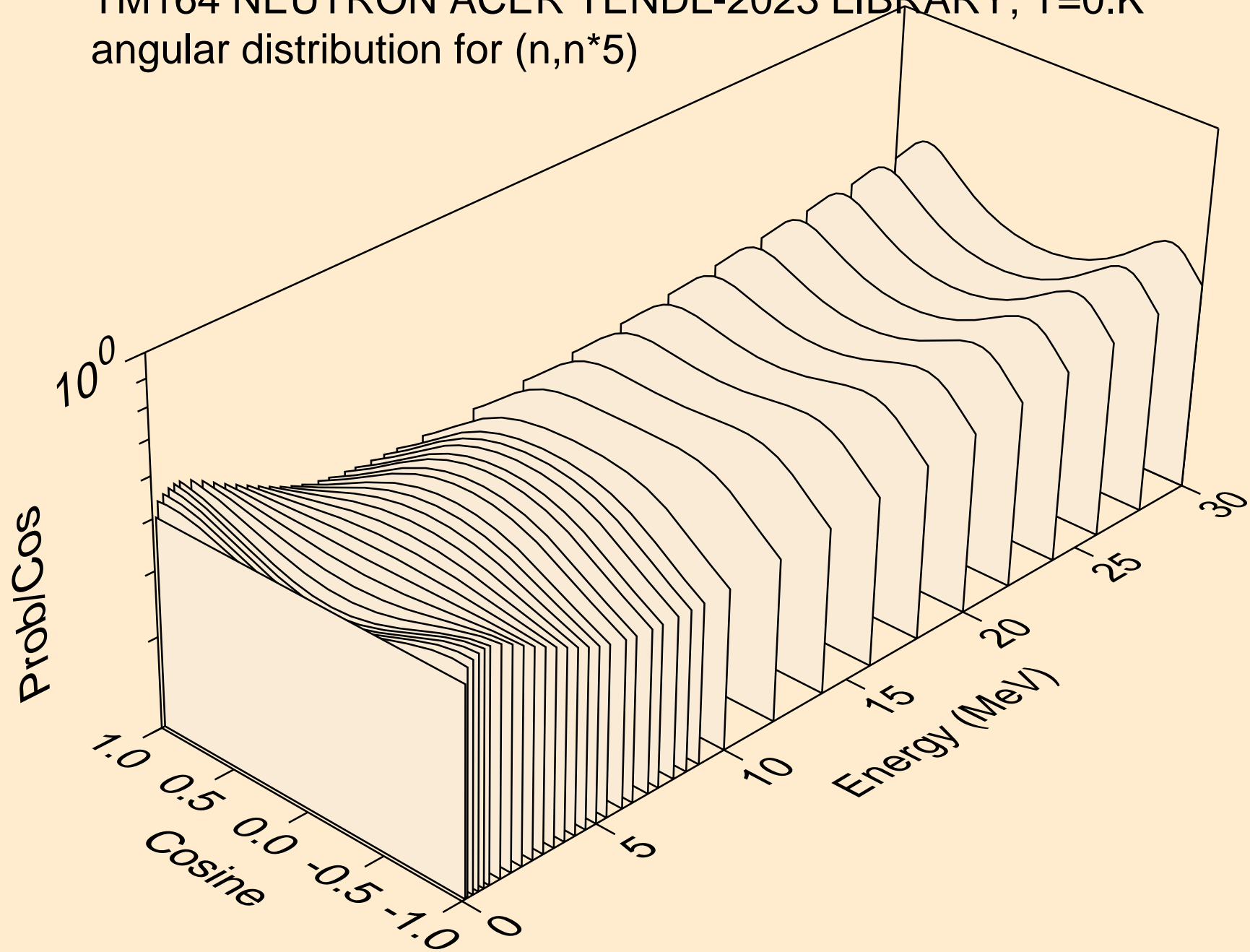
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

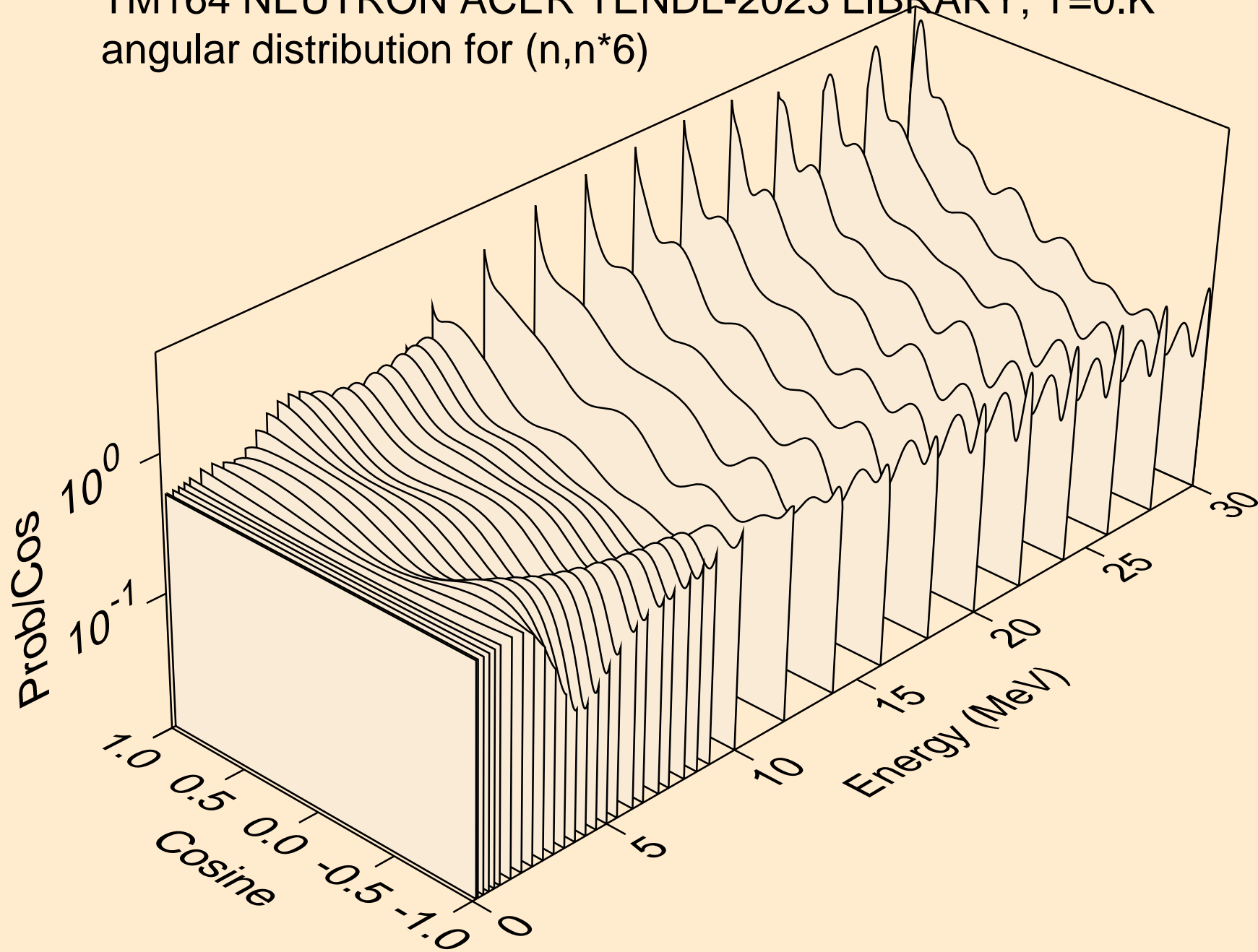


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

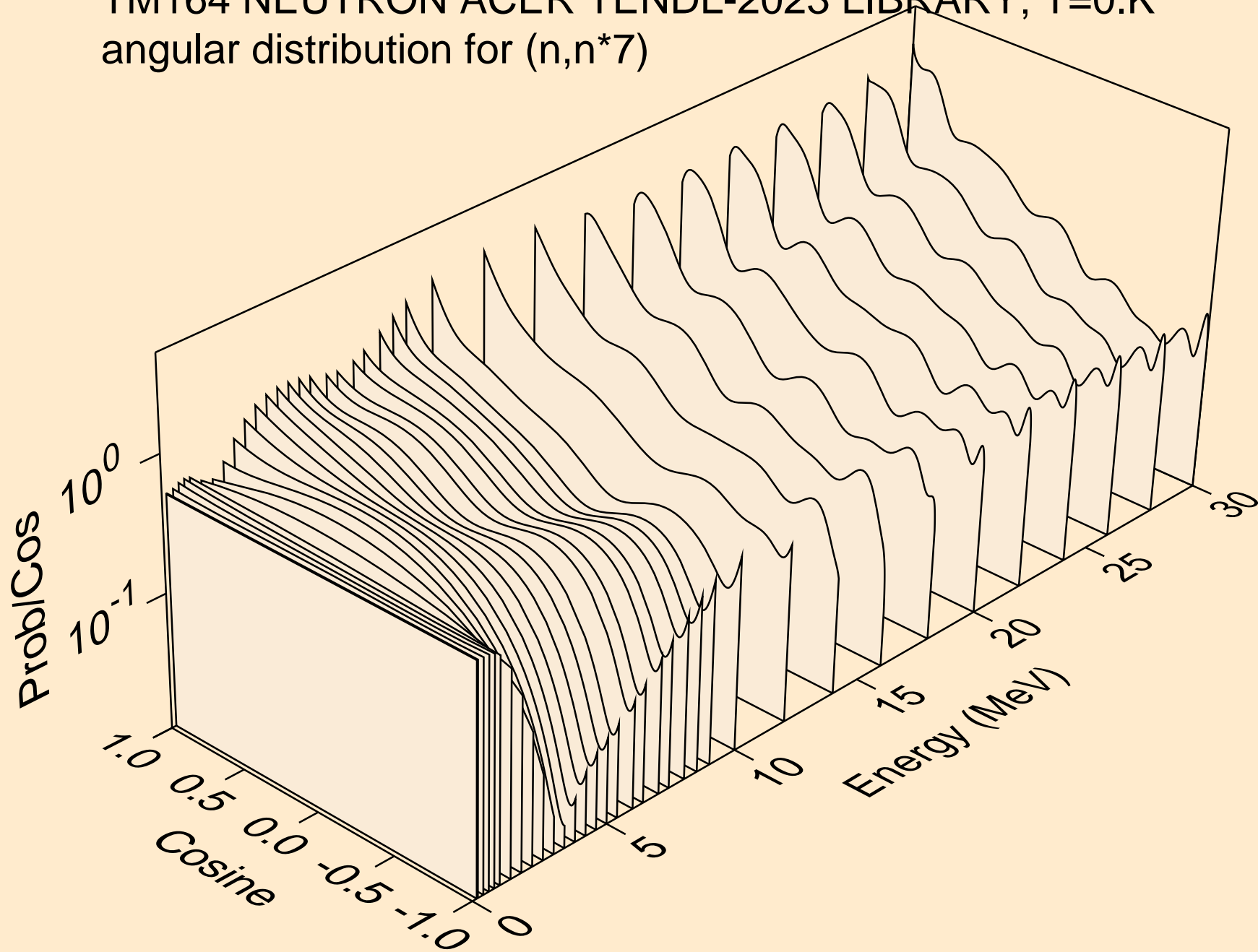




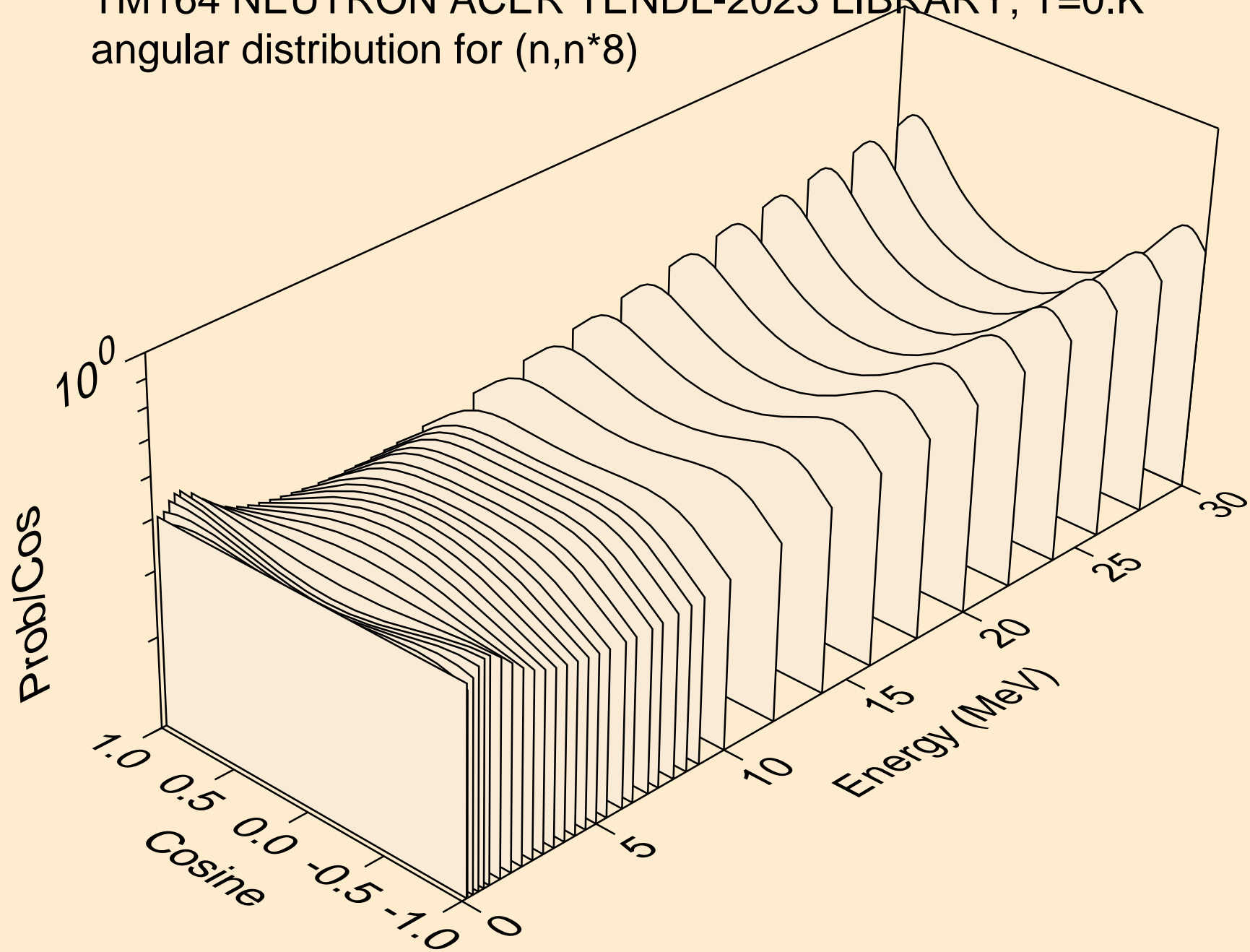
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



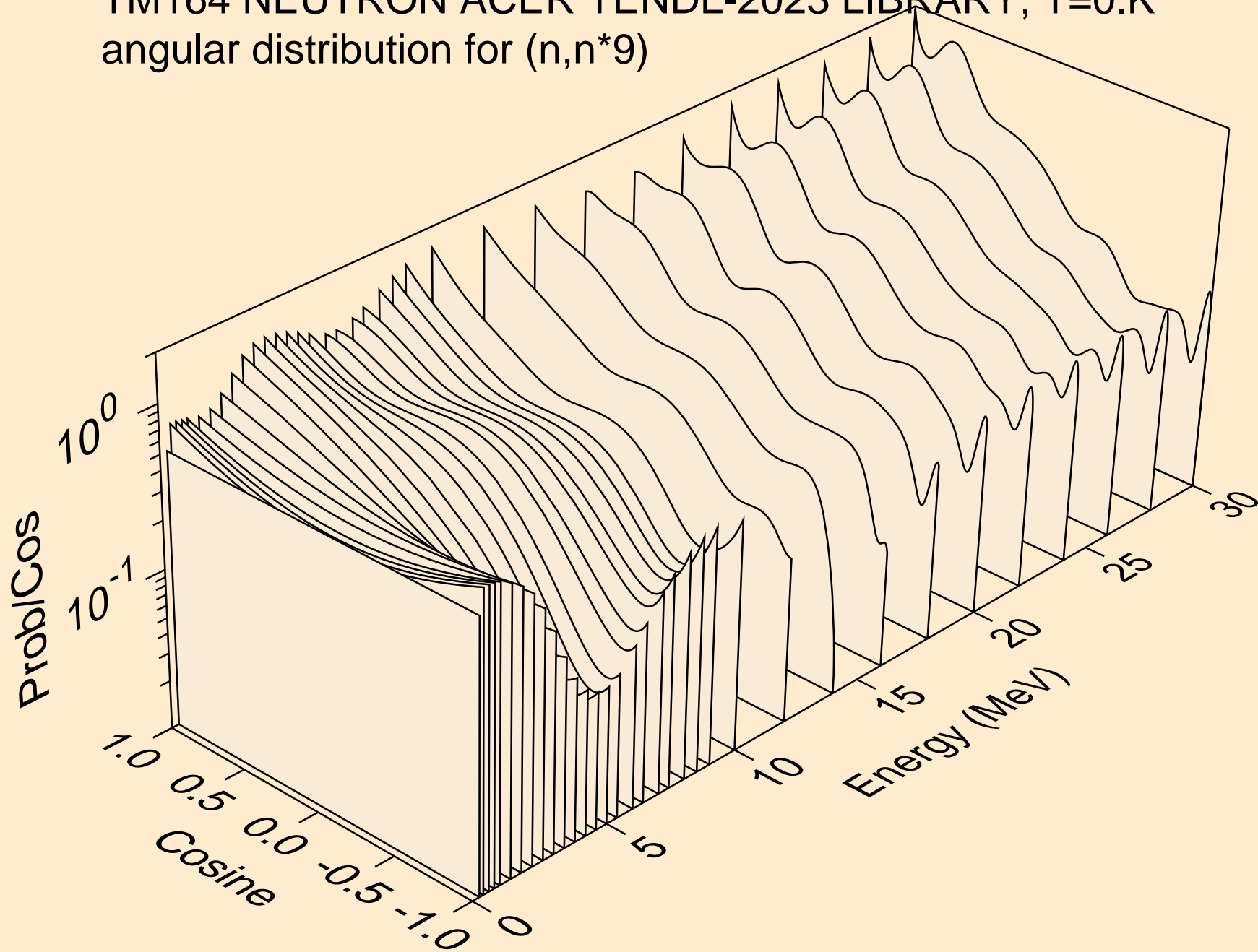
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



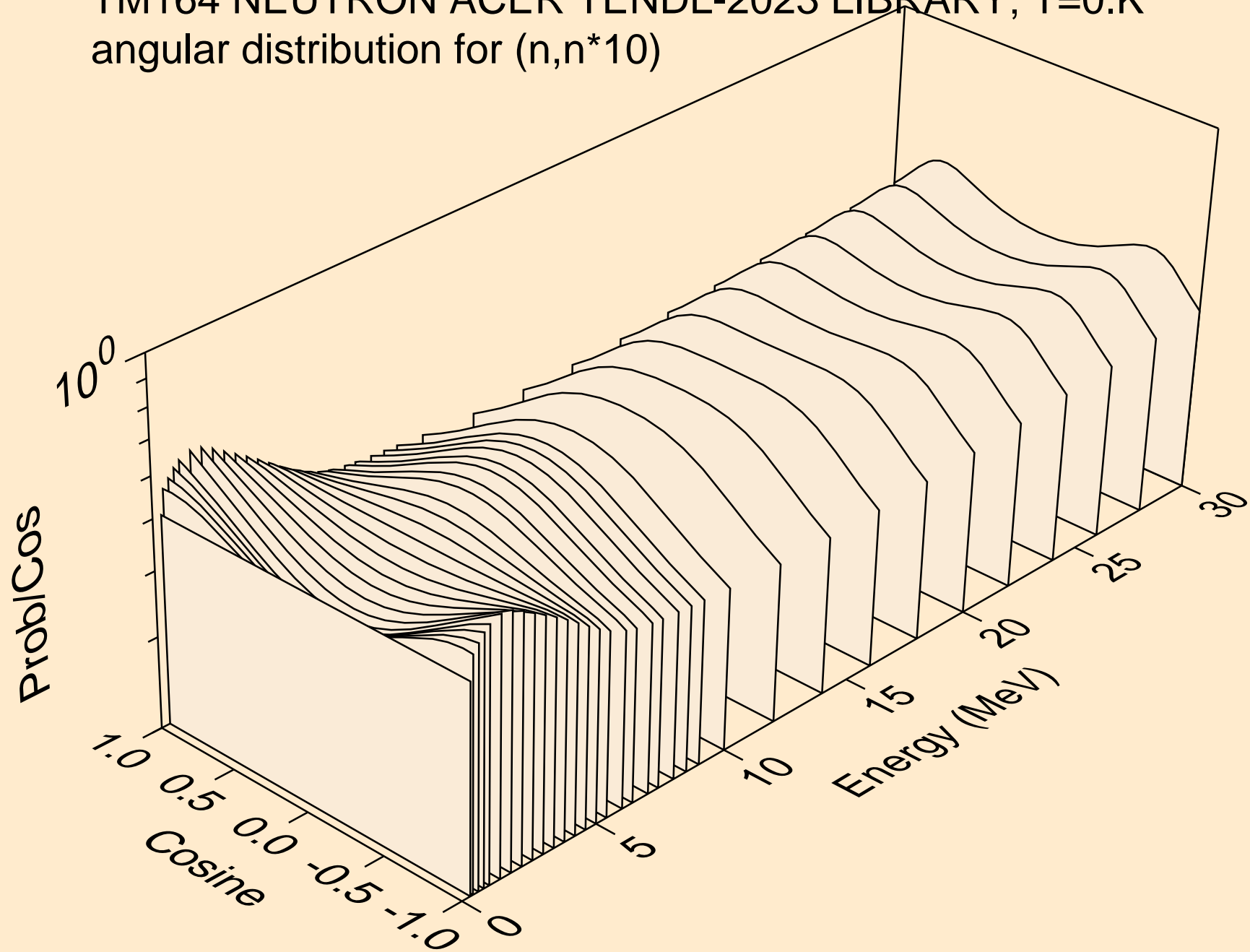
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



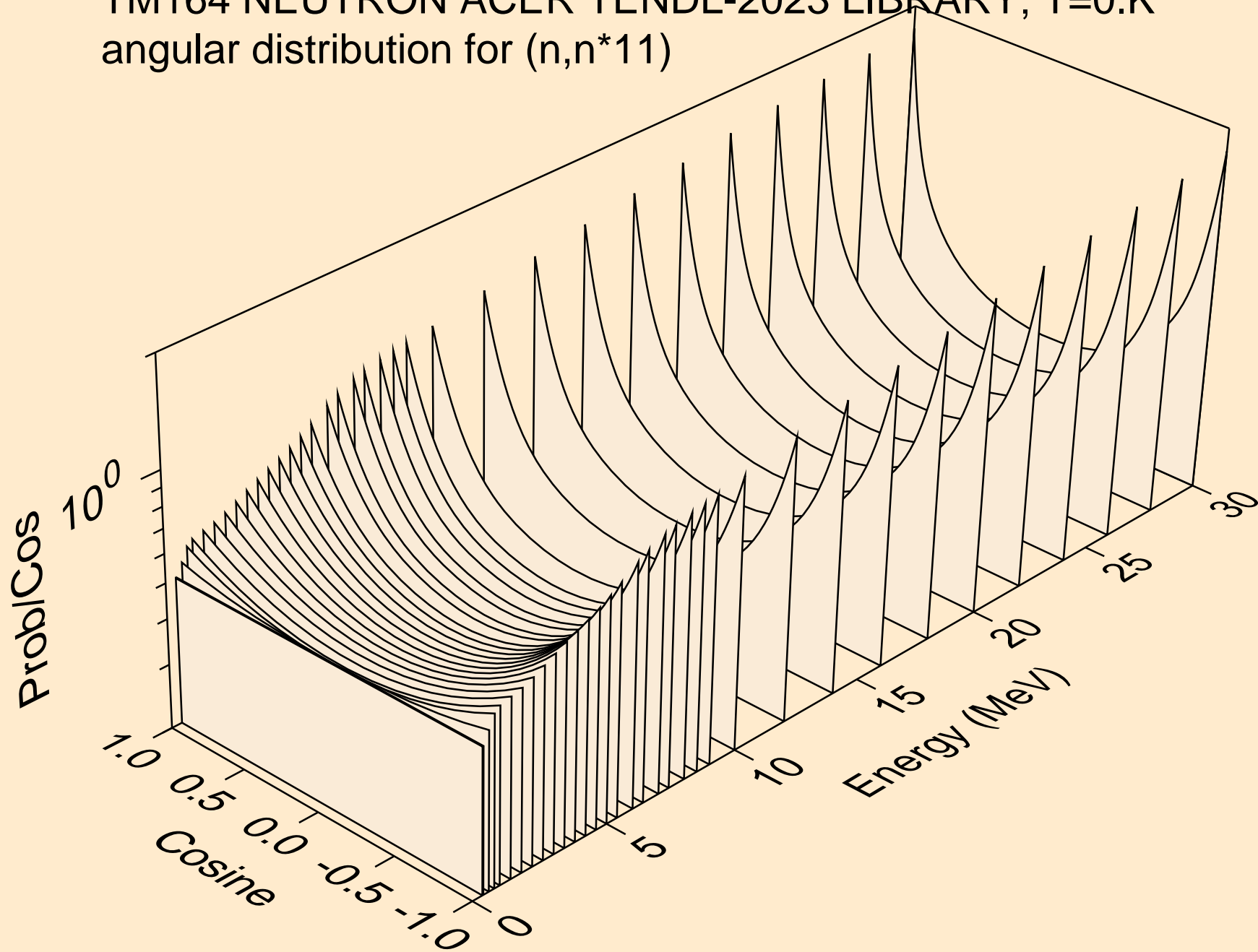
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



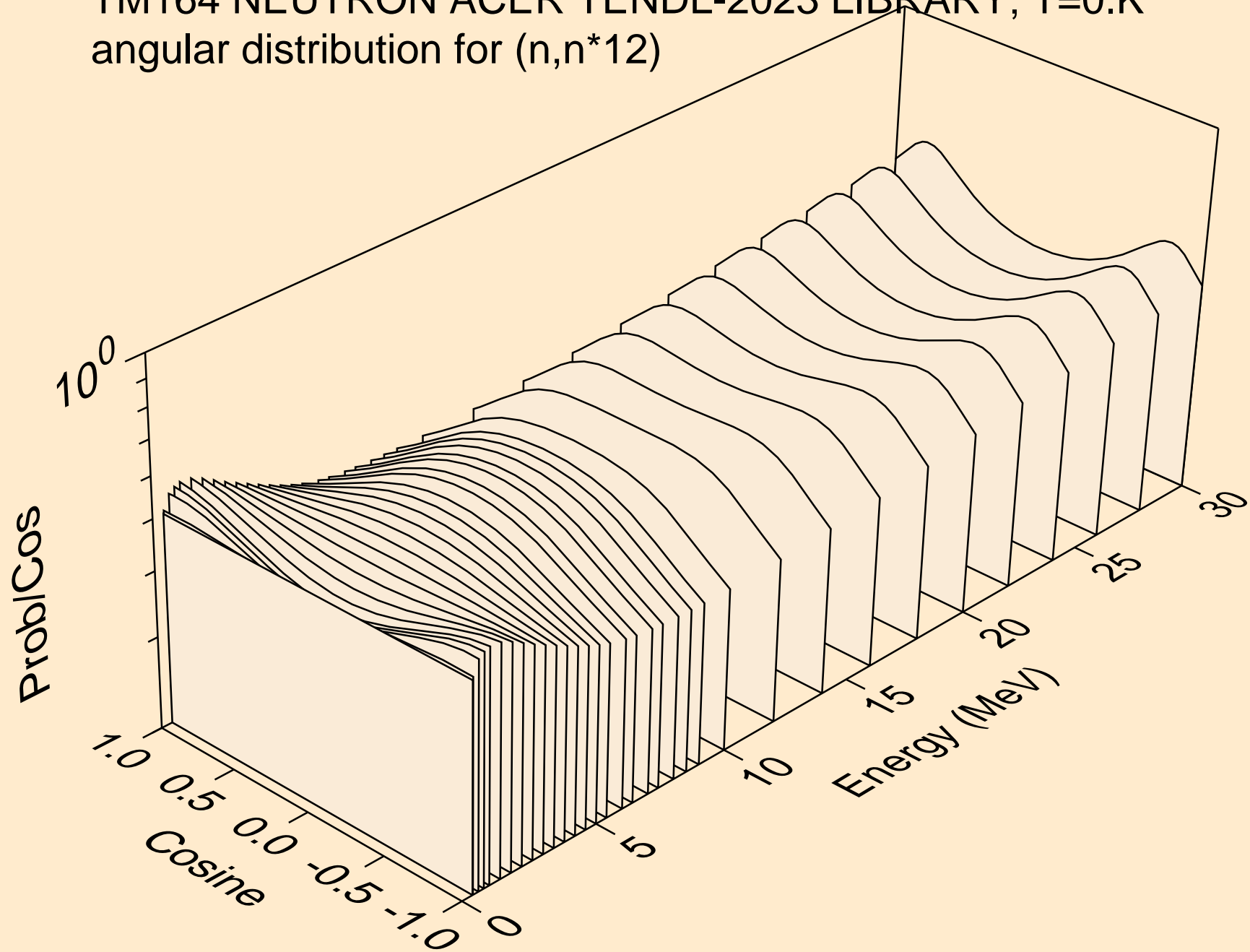
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



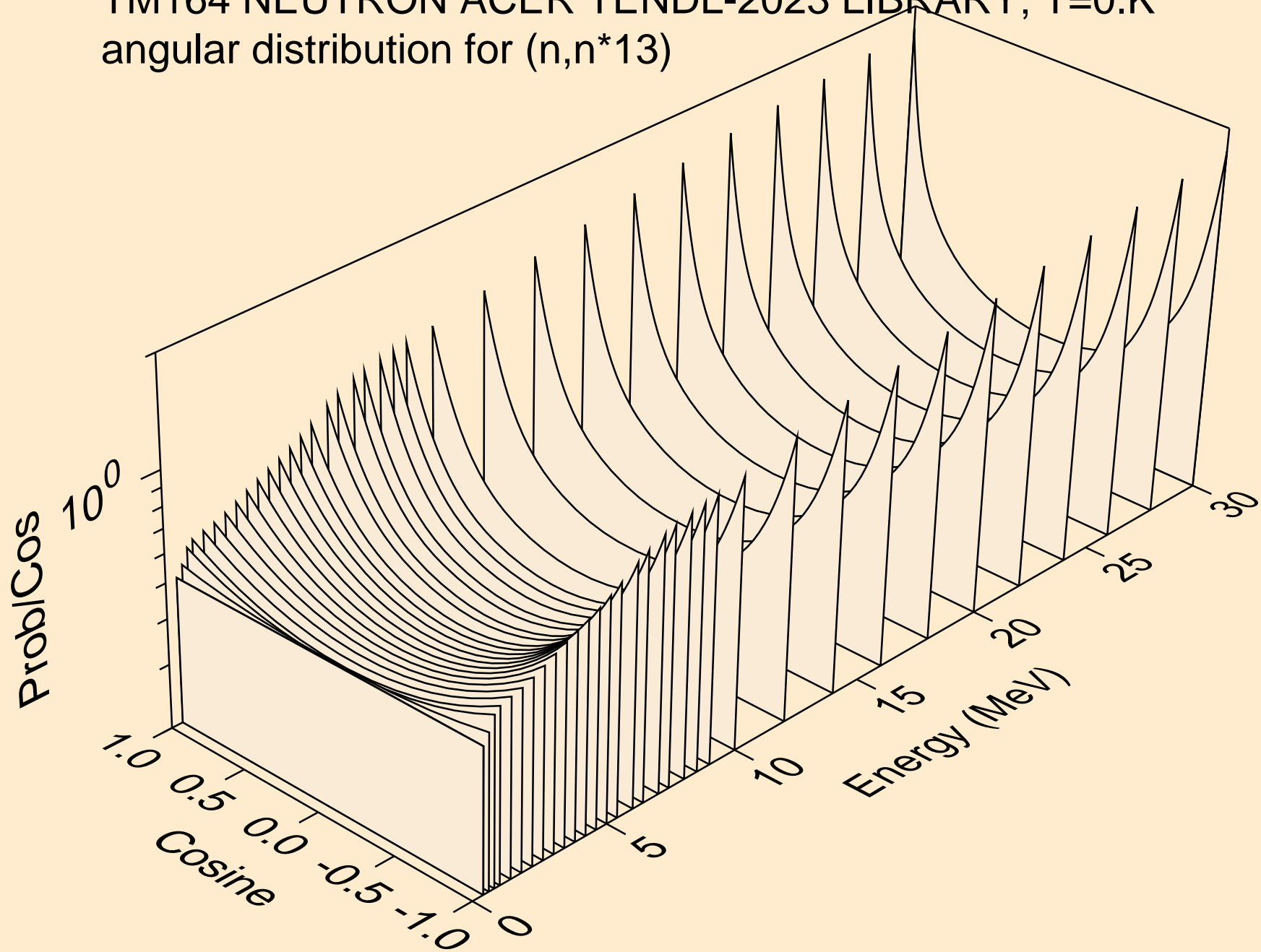
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

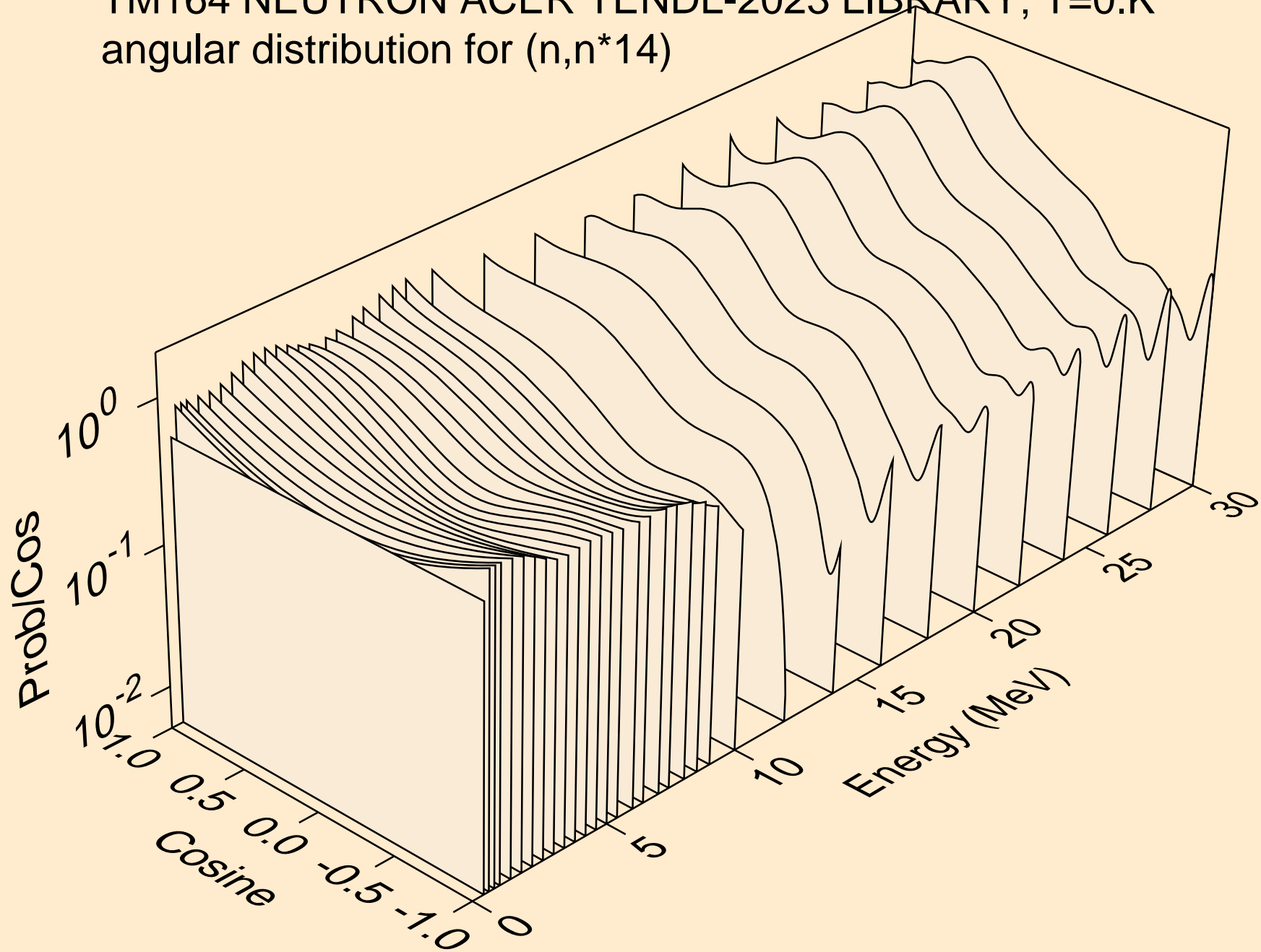


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

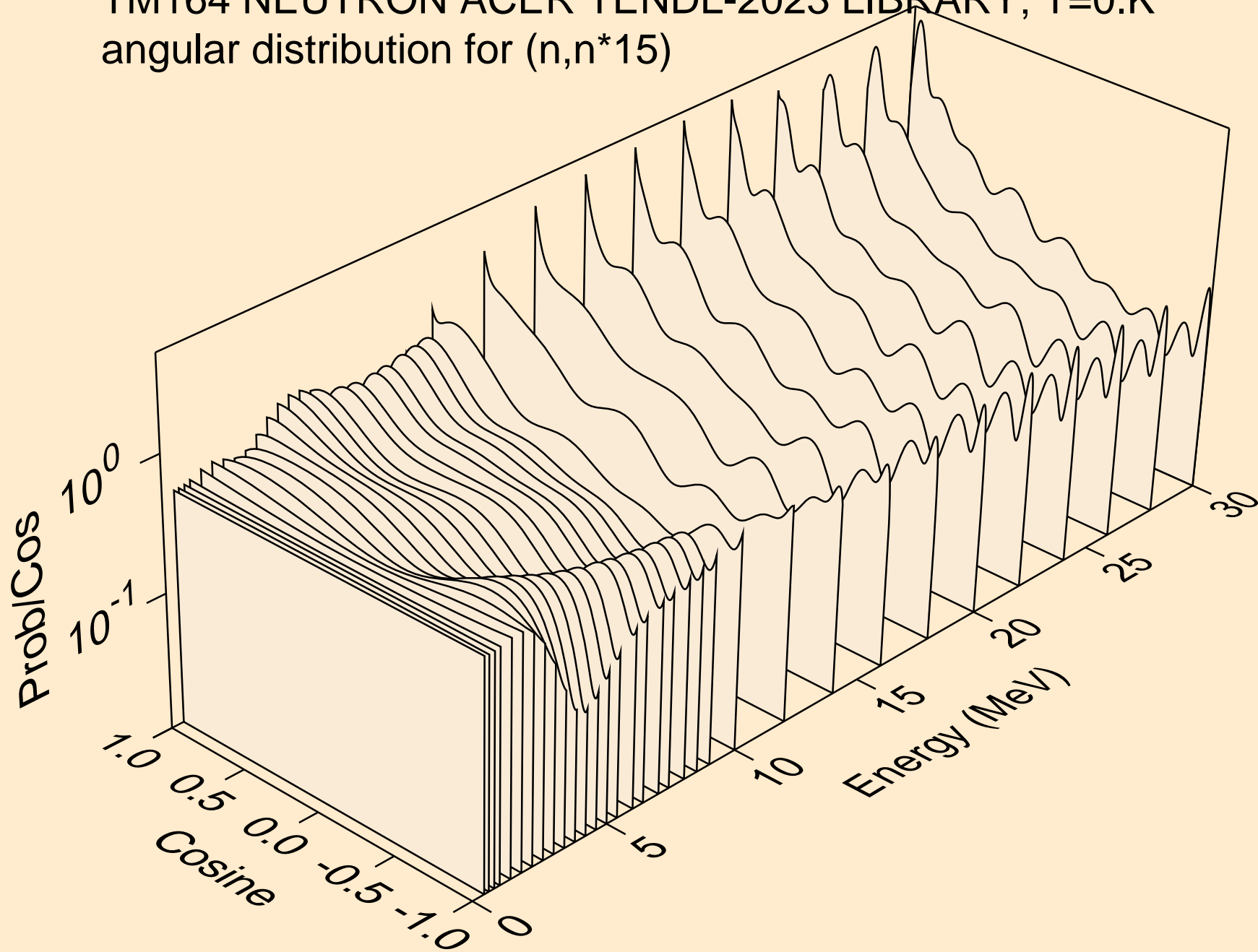




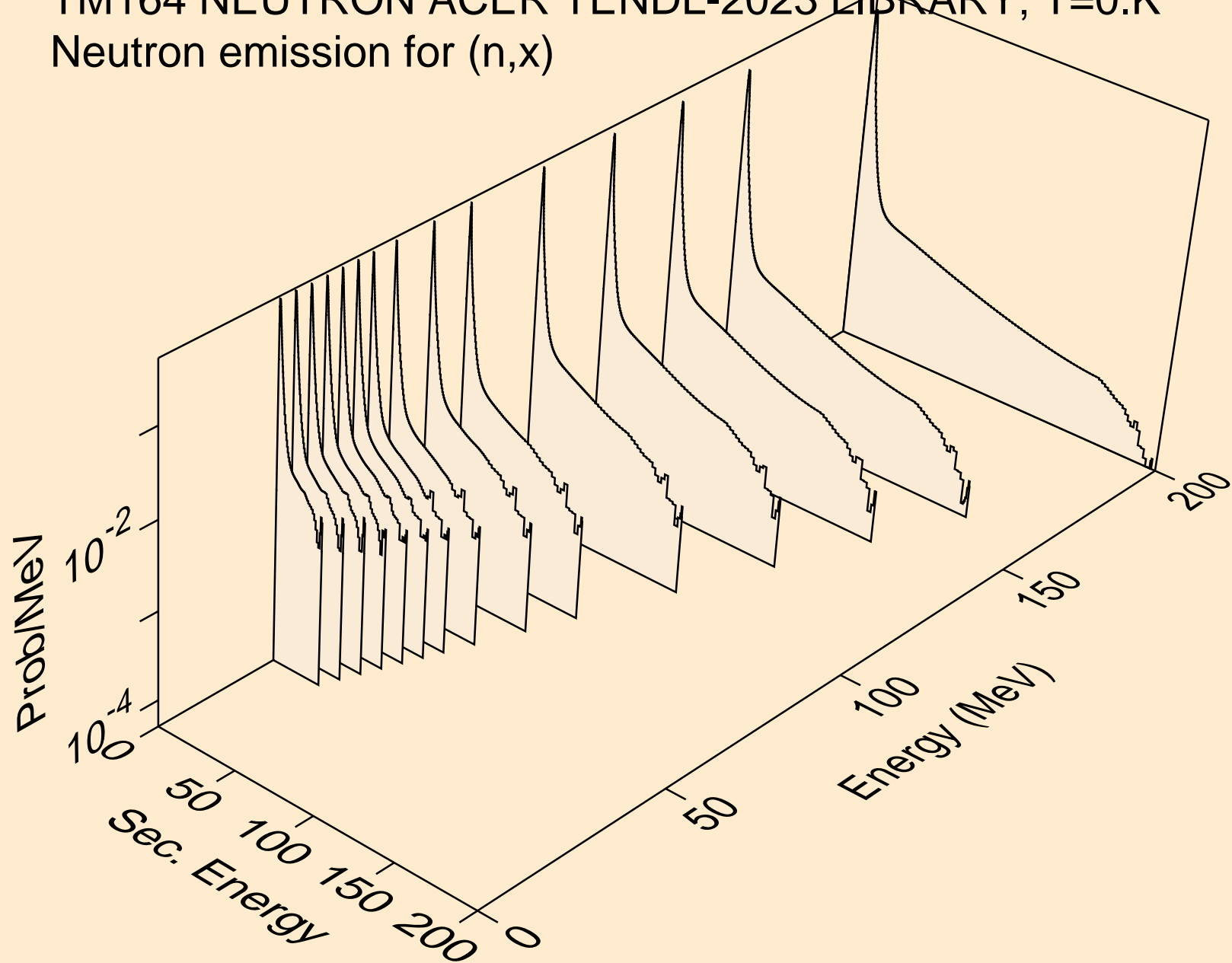
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



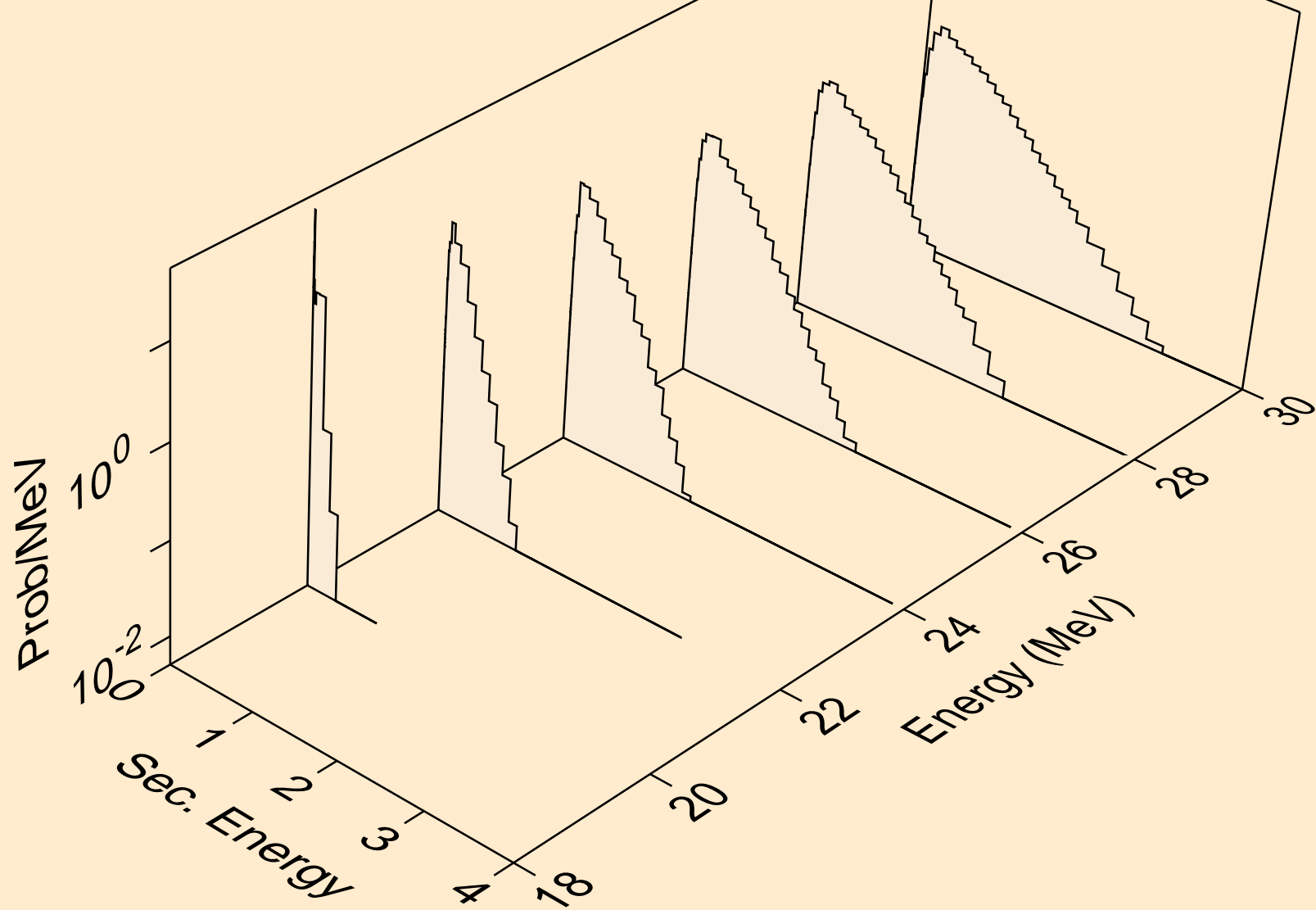
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



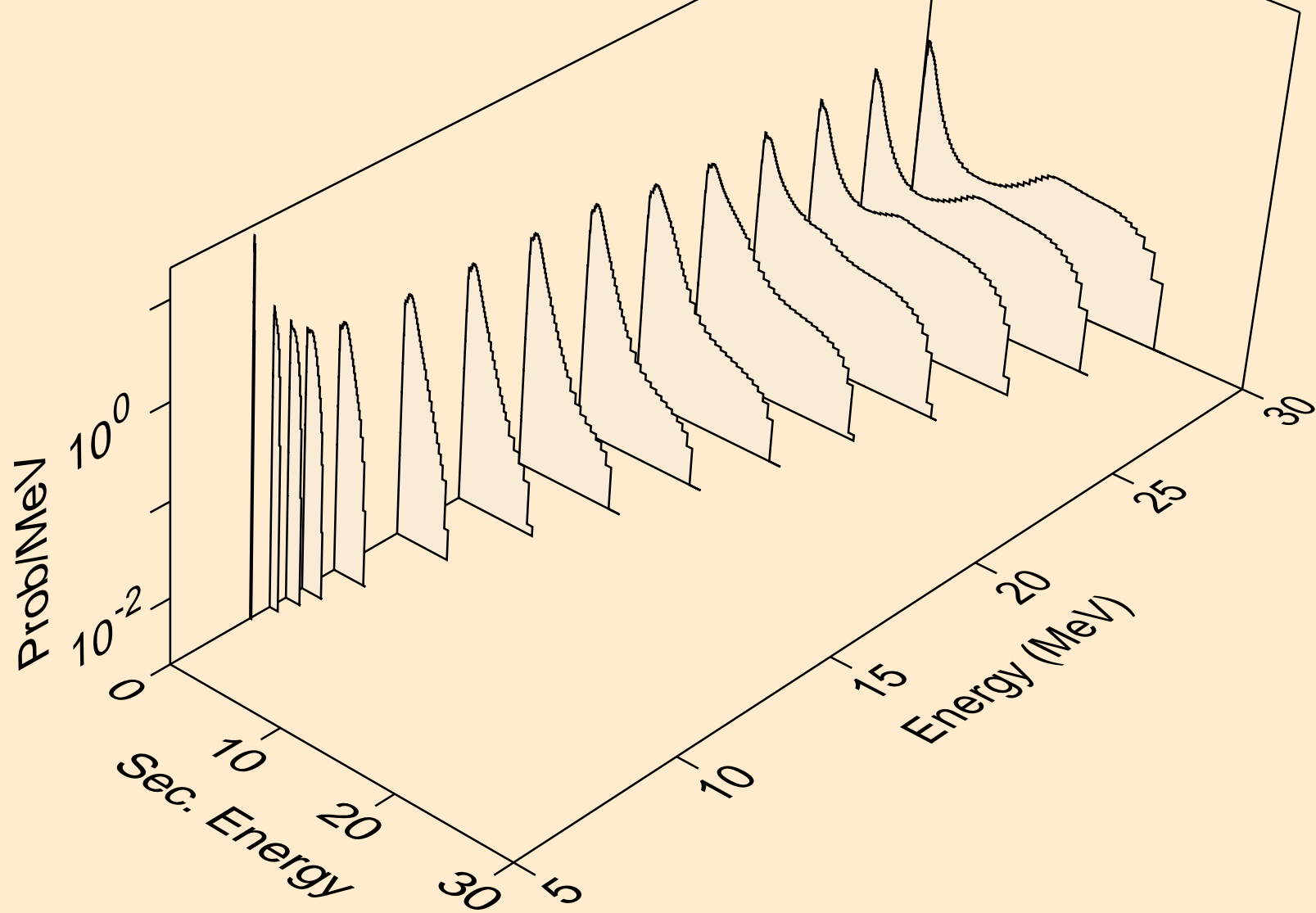
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



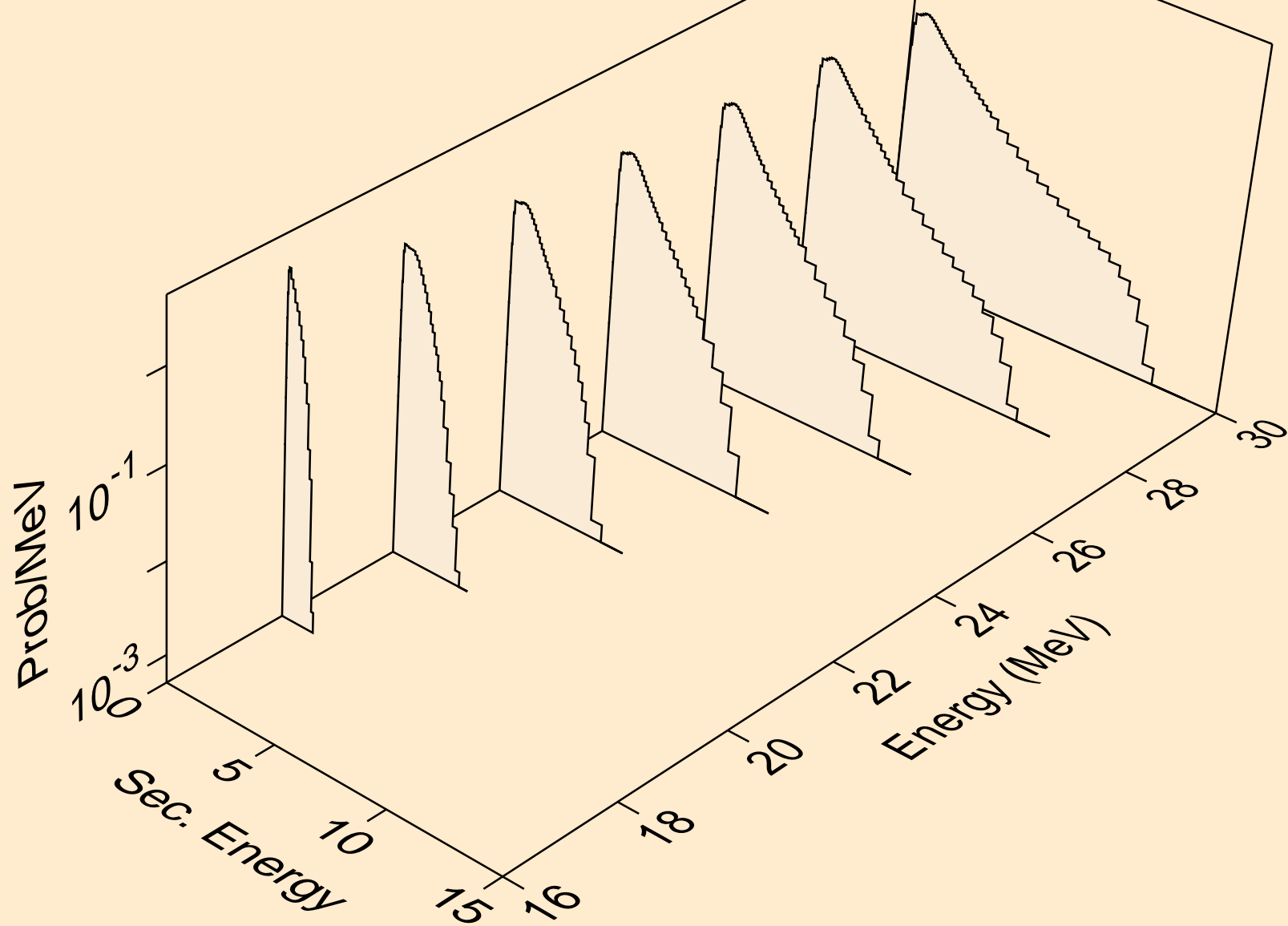
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



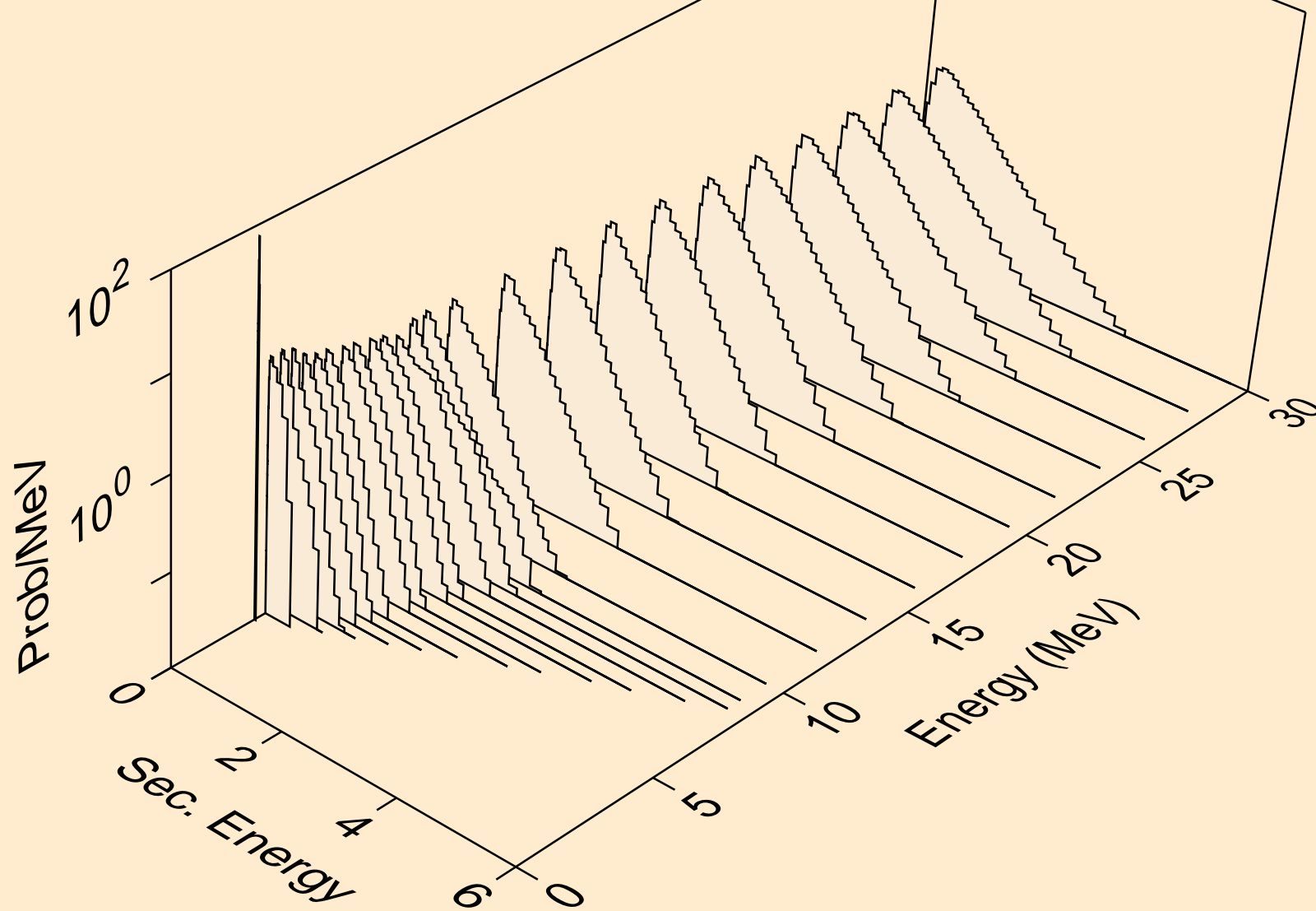
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



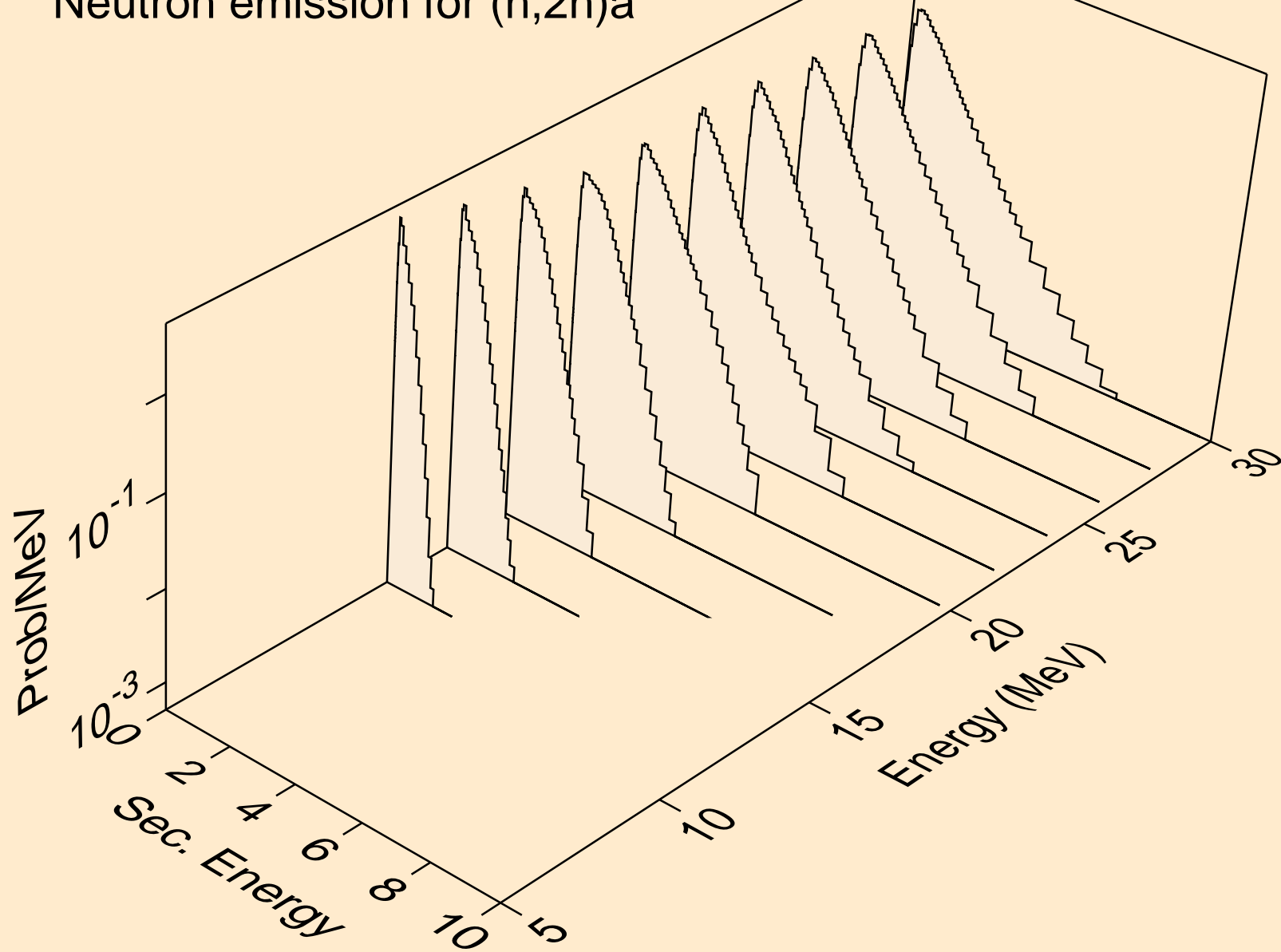
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

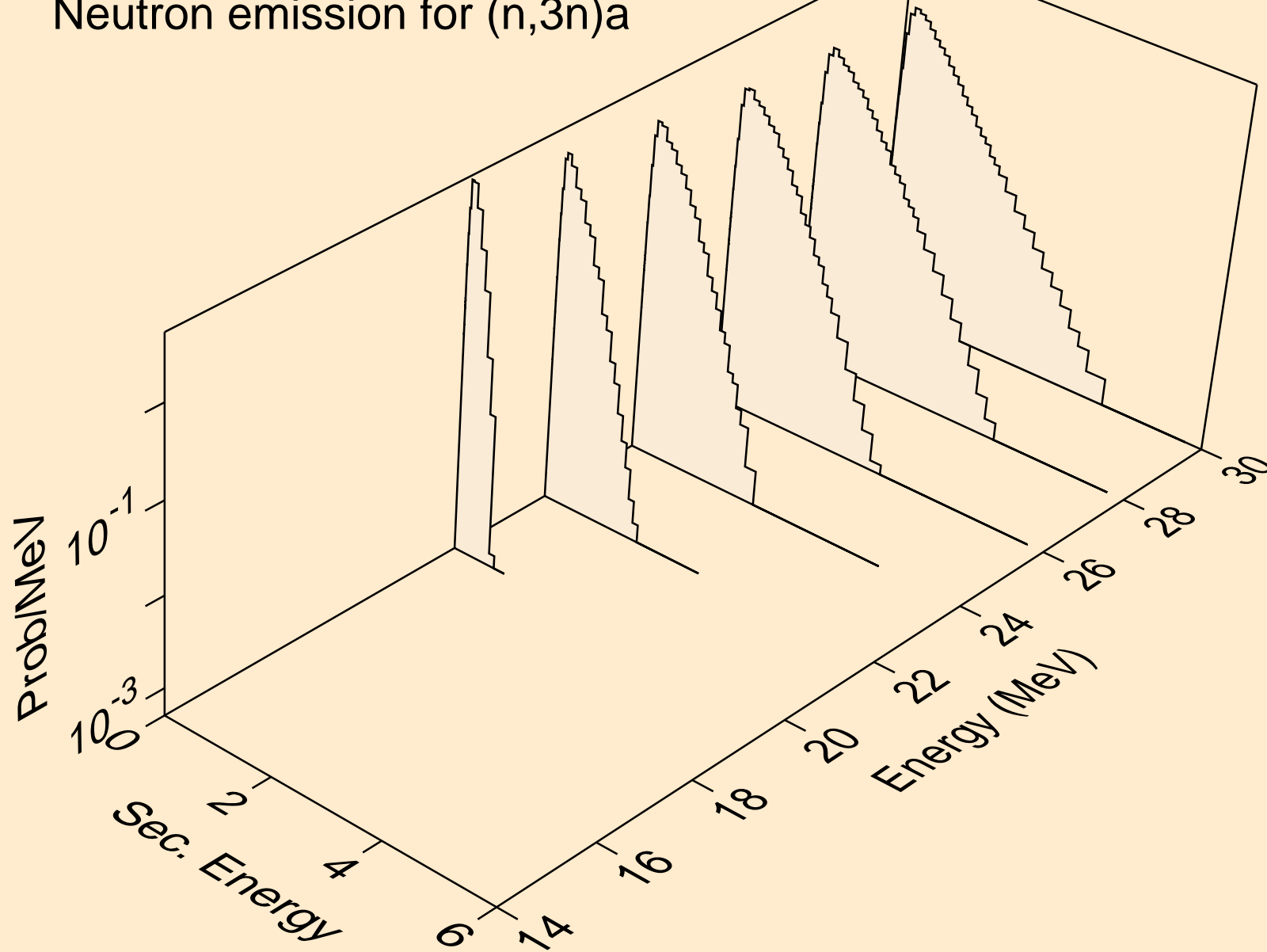


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

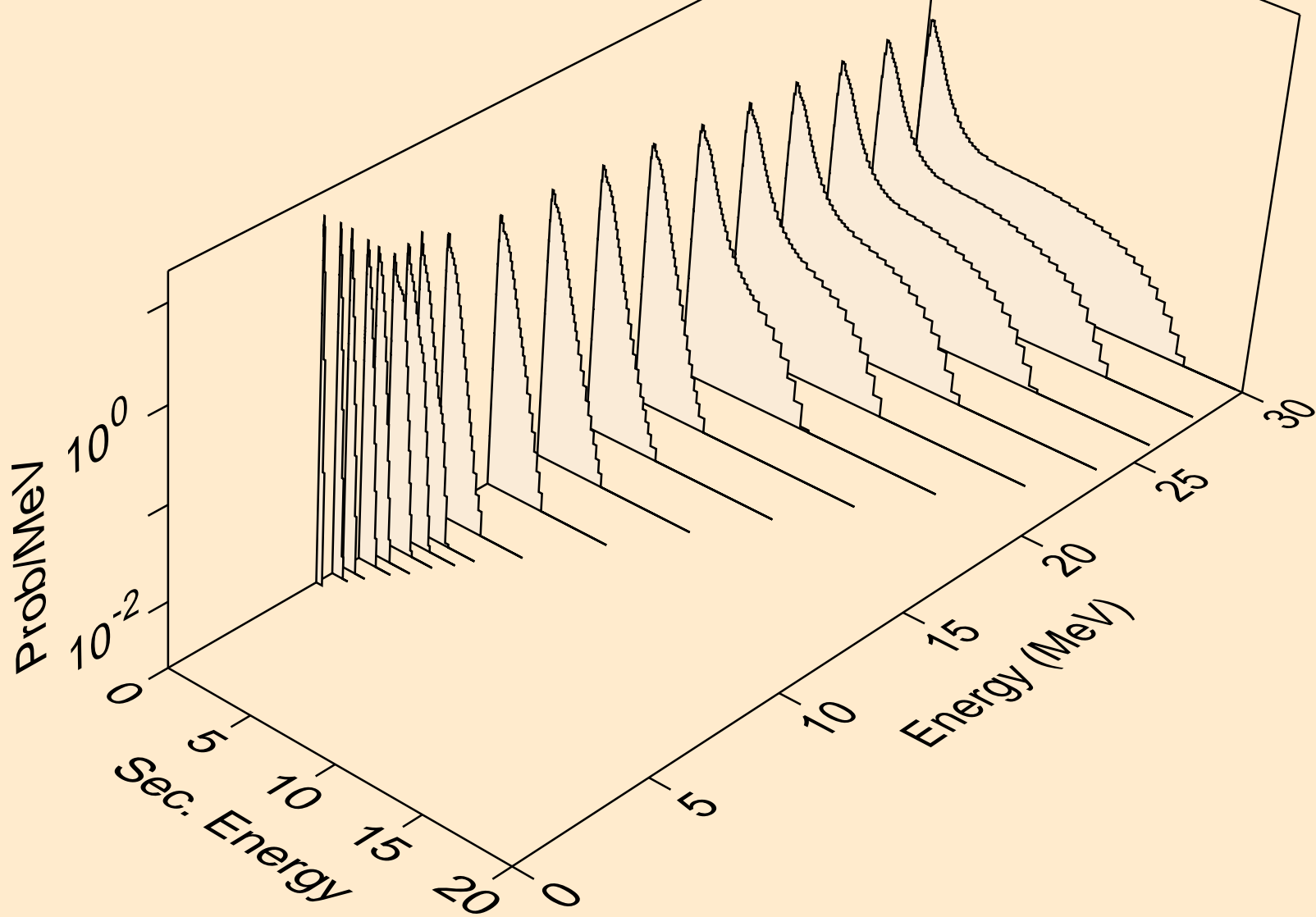




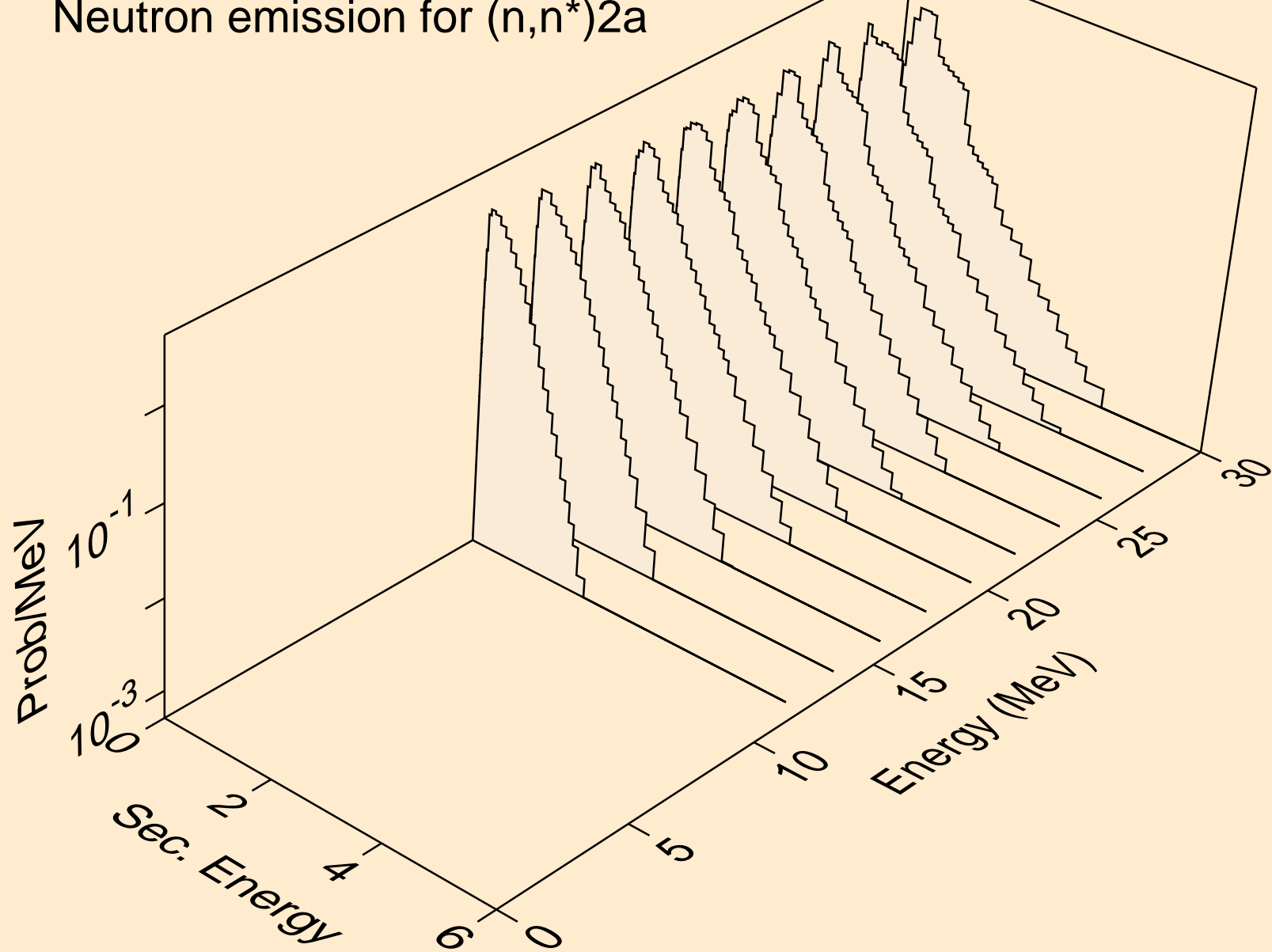
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



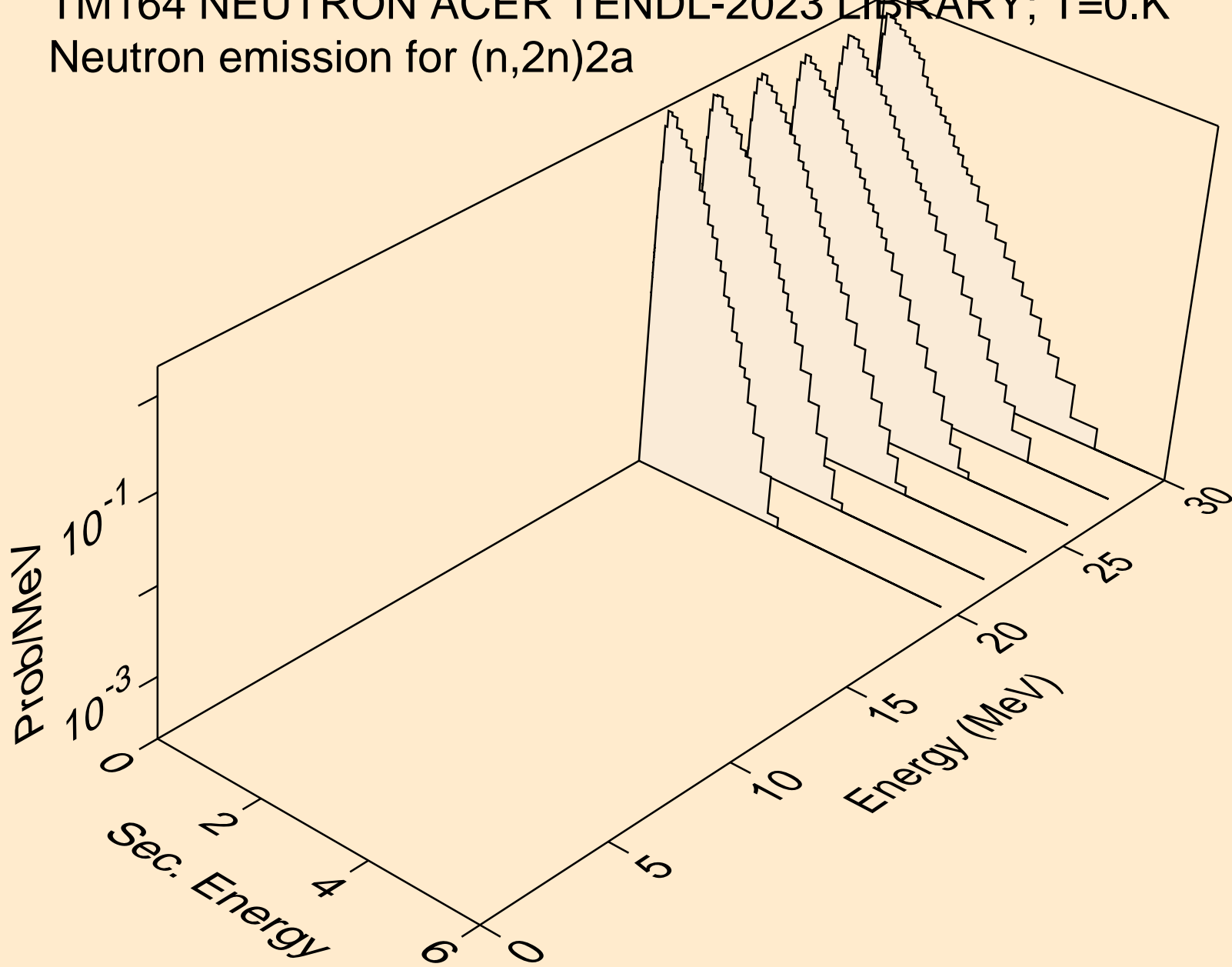
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



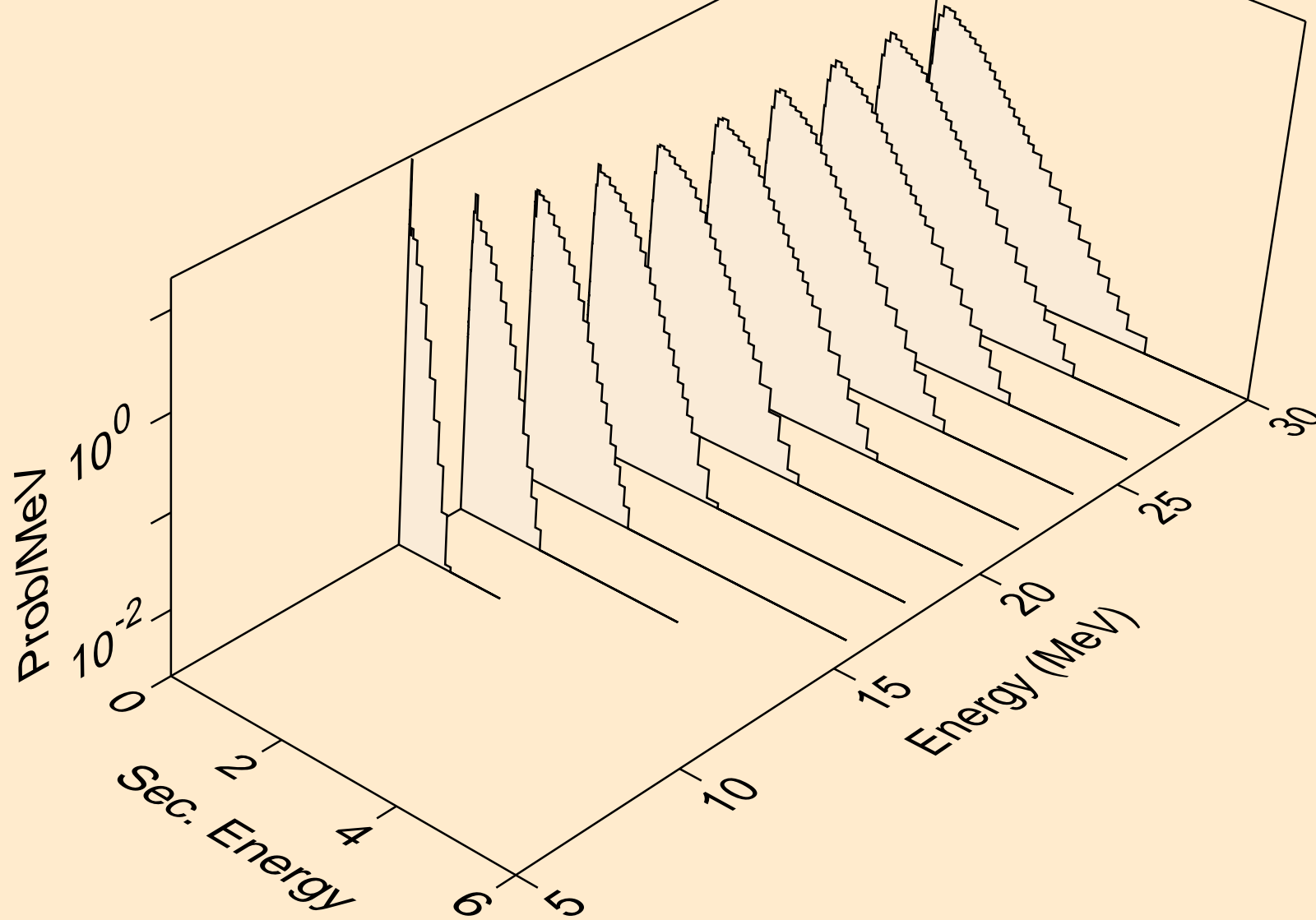
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



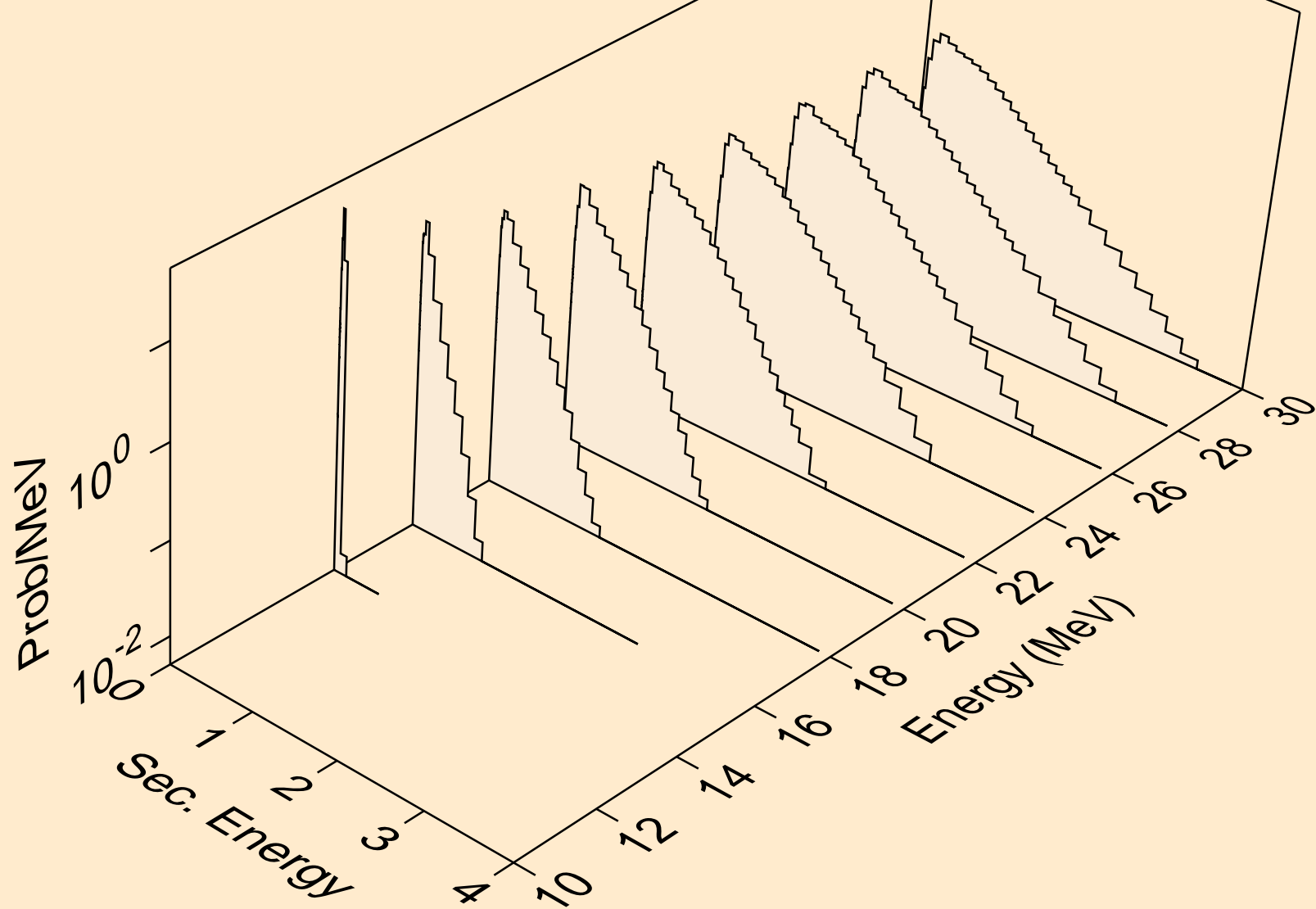
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a



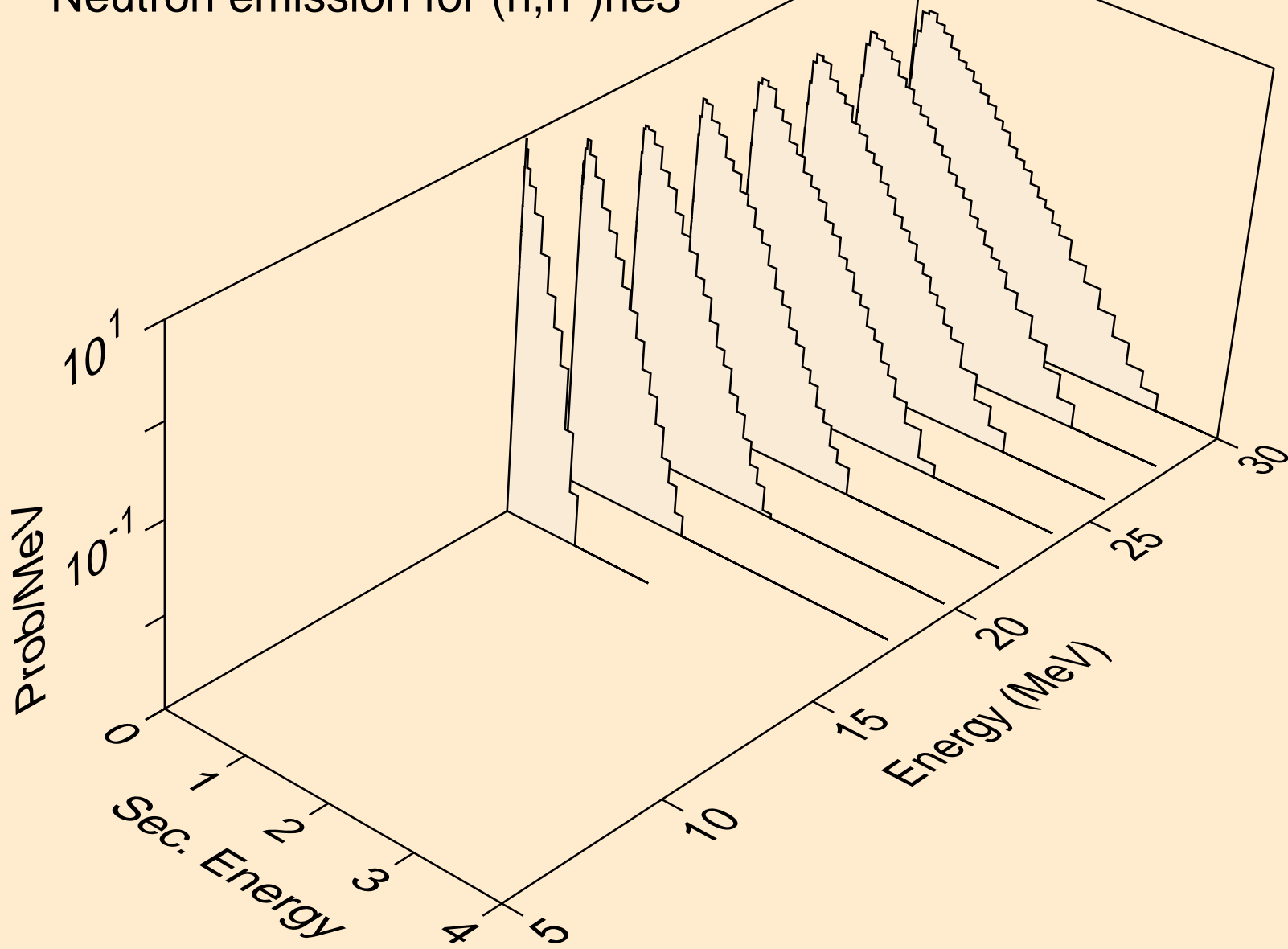
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



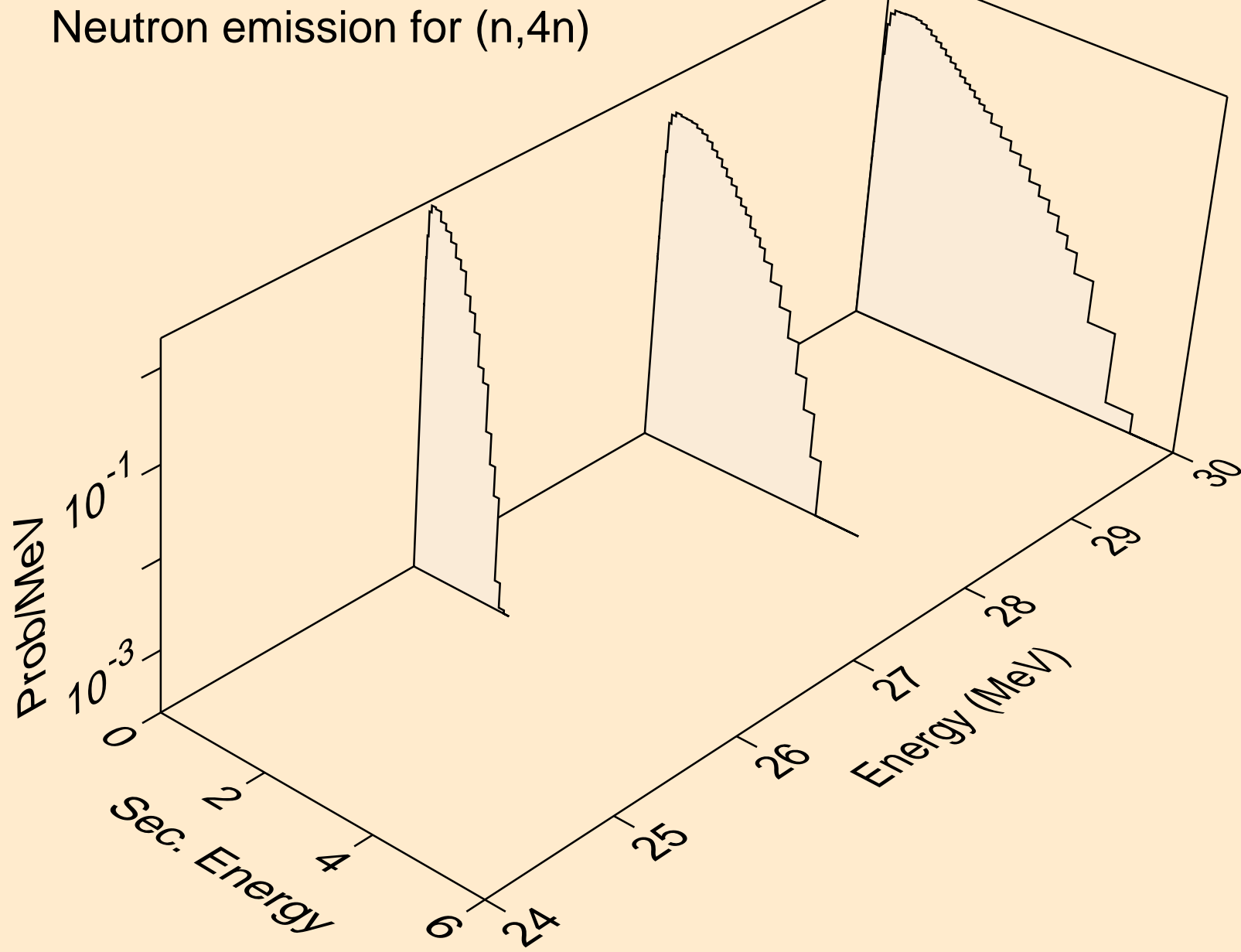
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

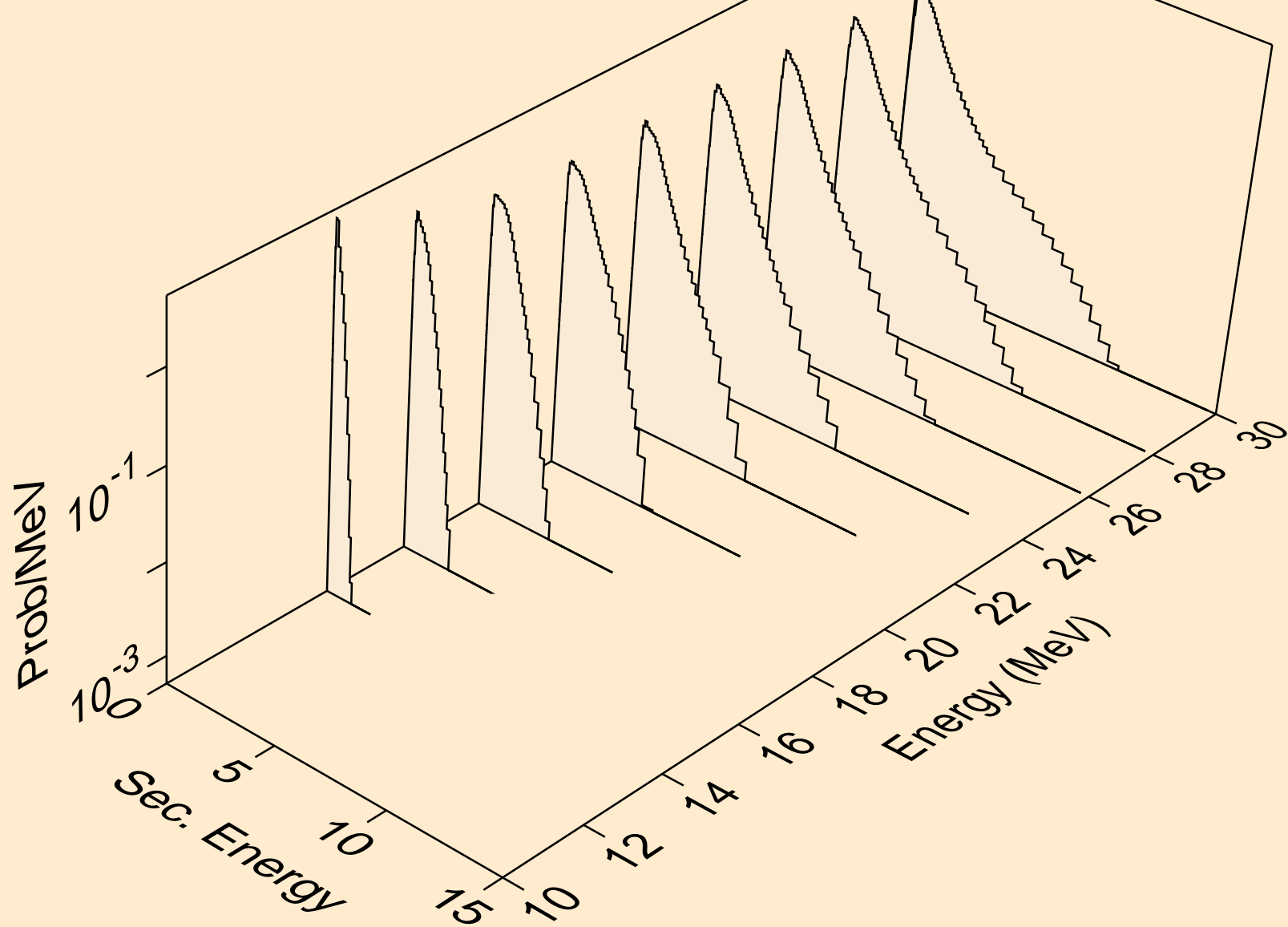


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)

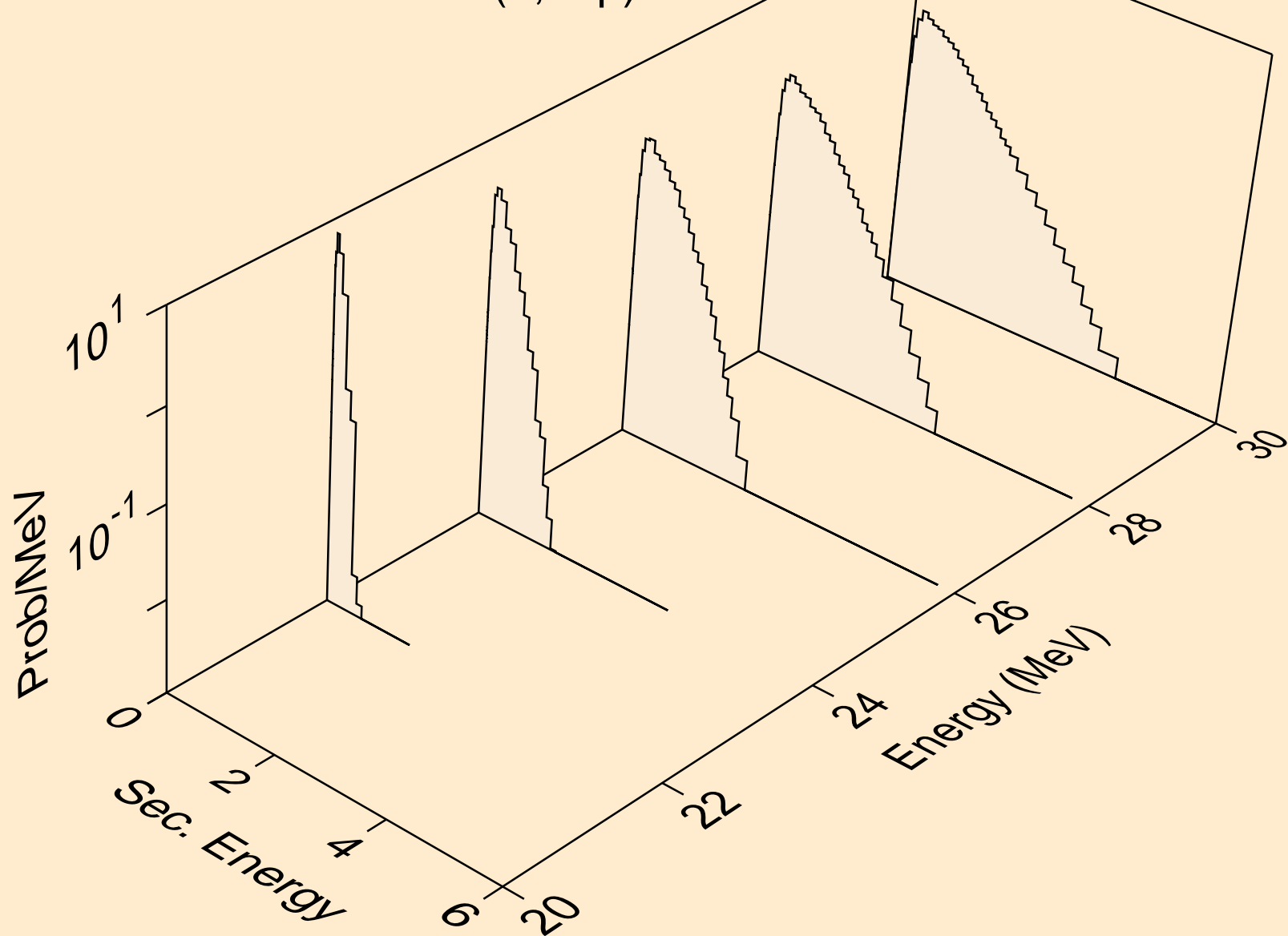




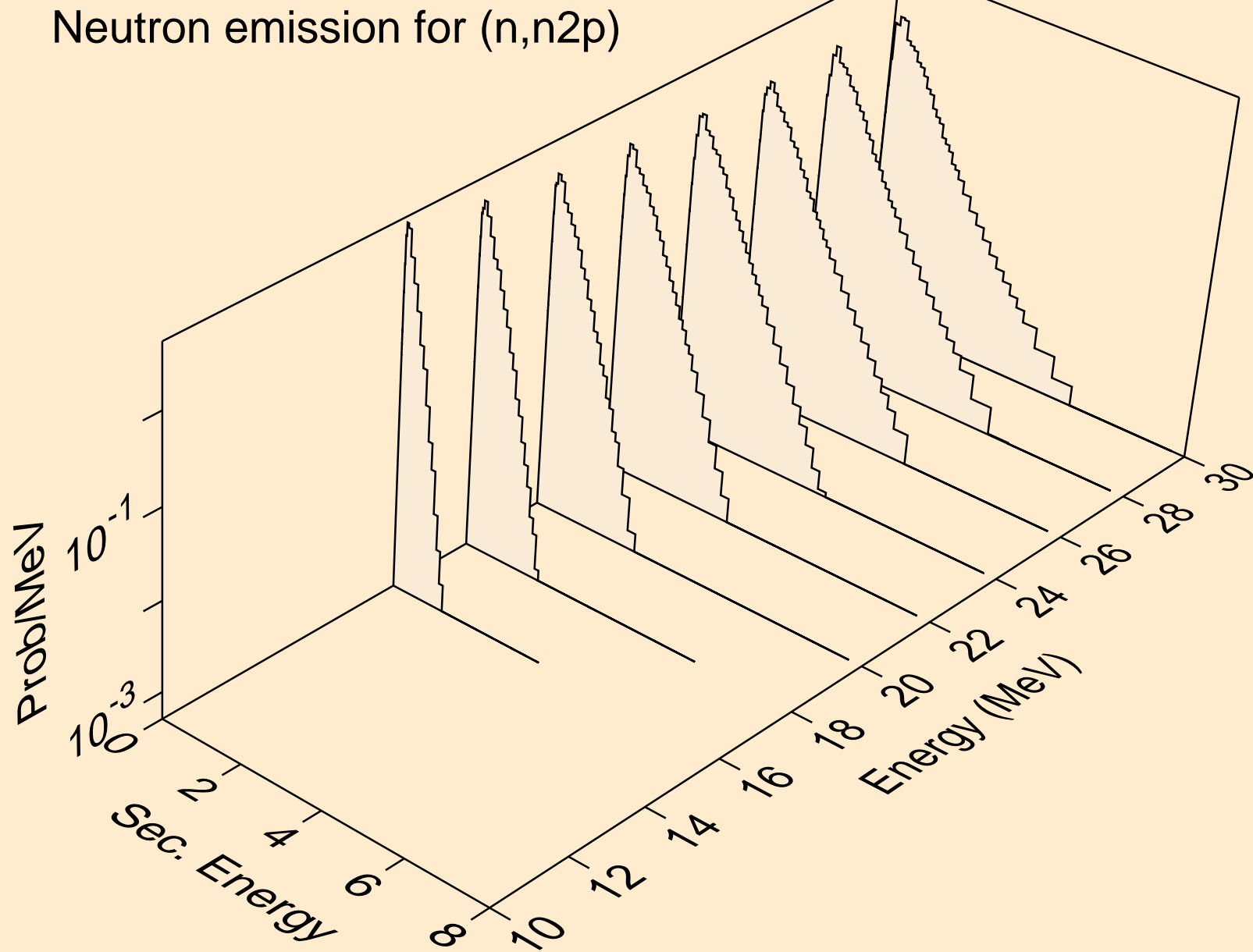
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



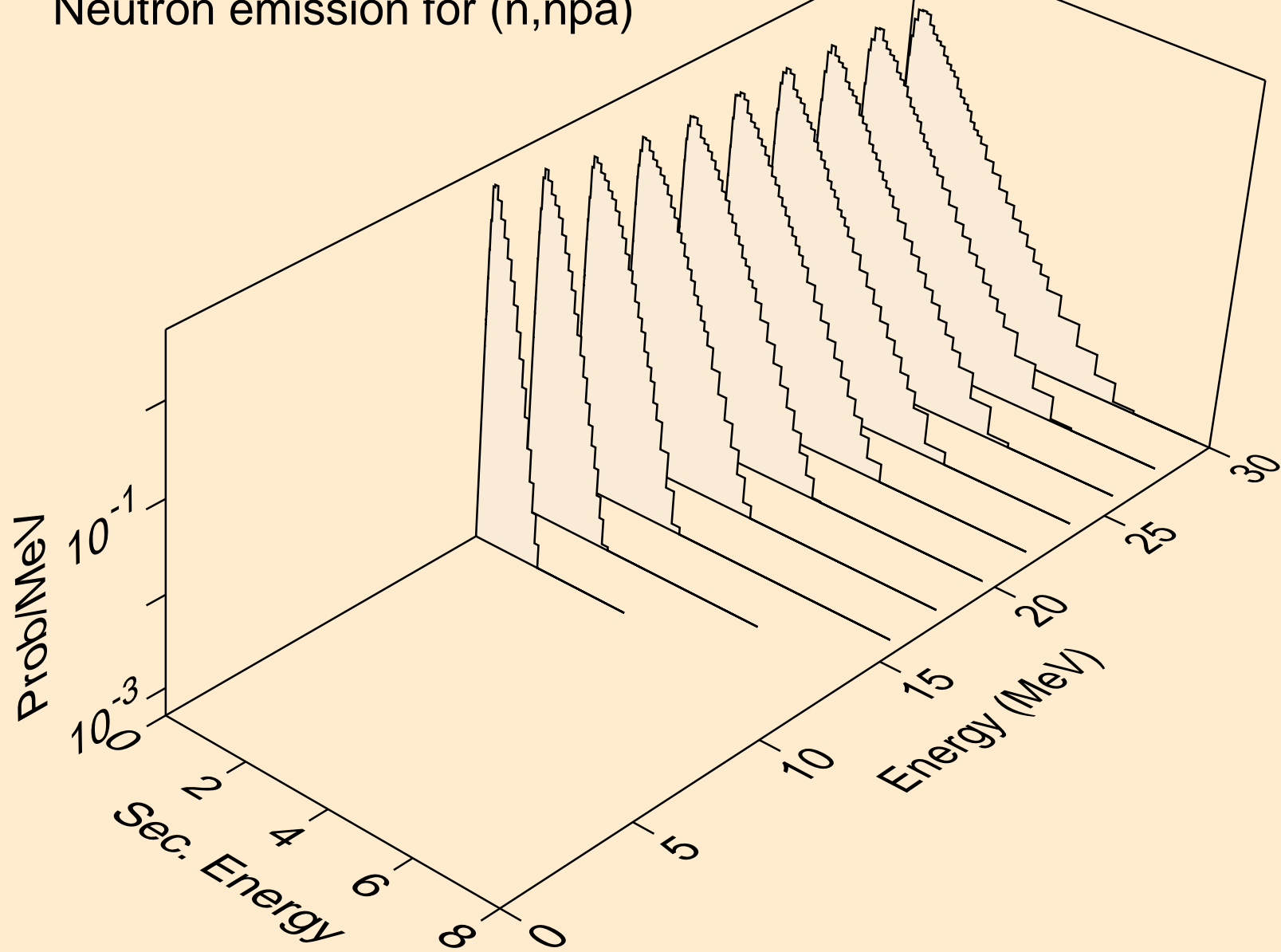
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



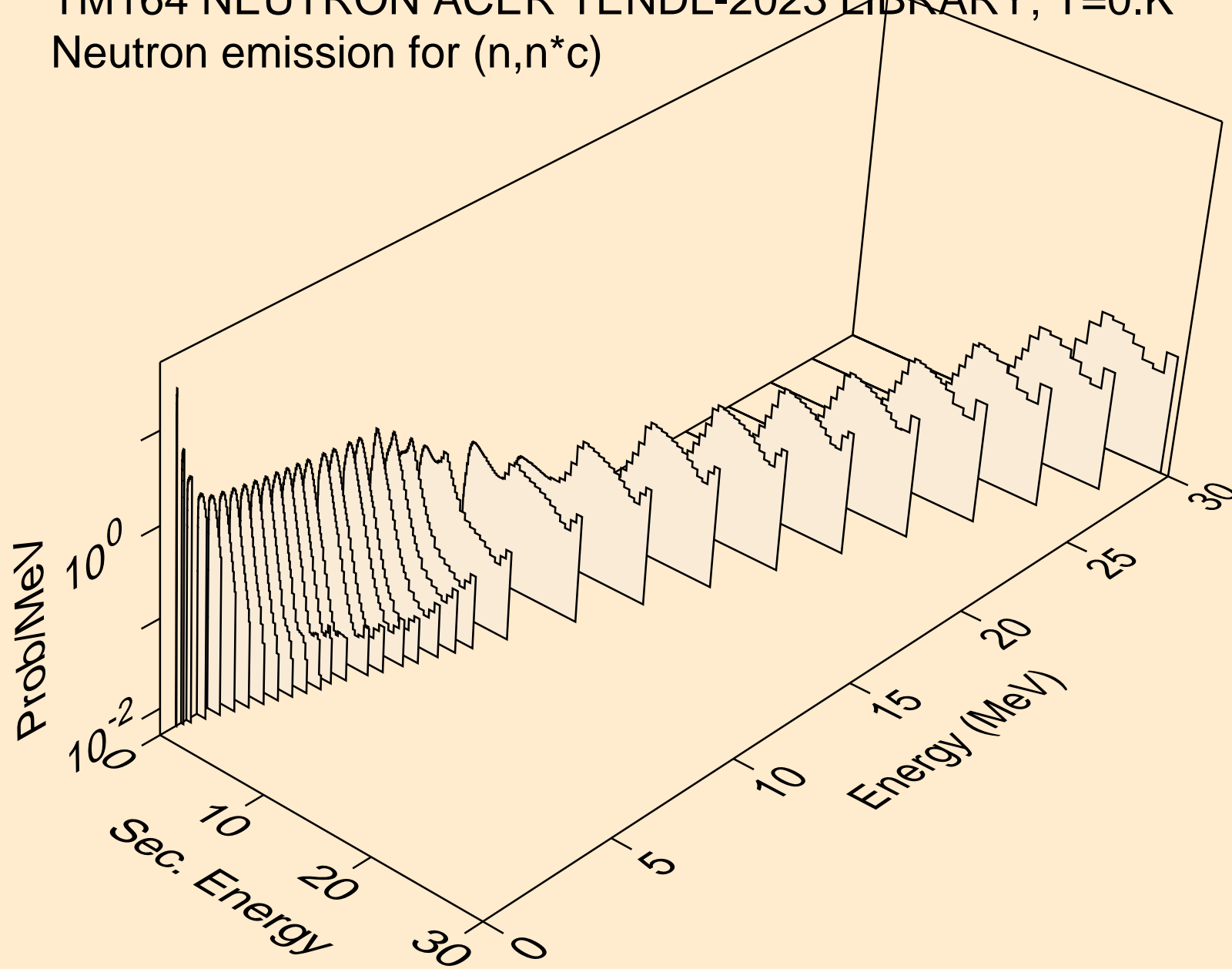
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



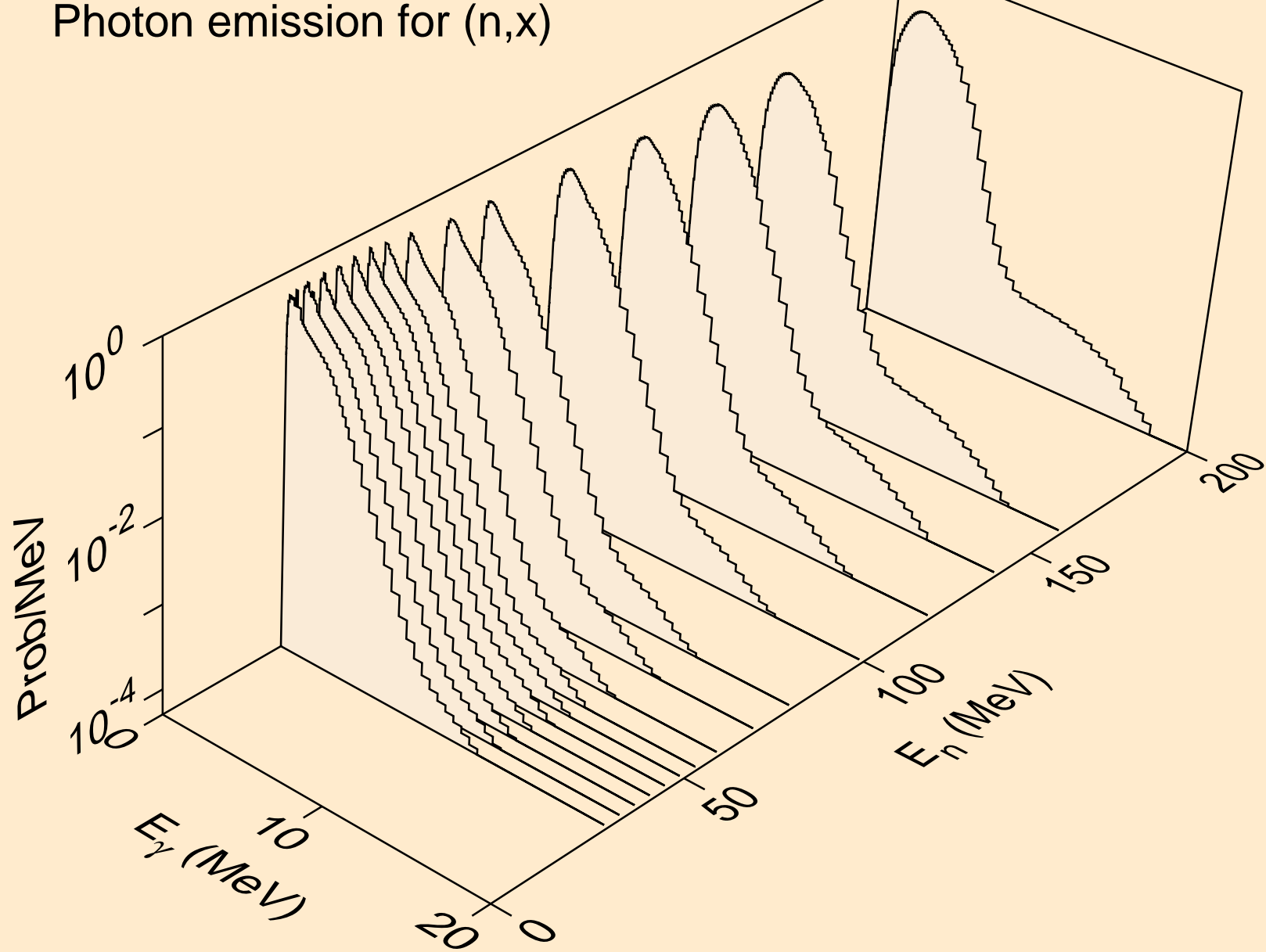
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,npa)



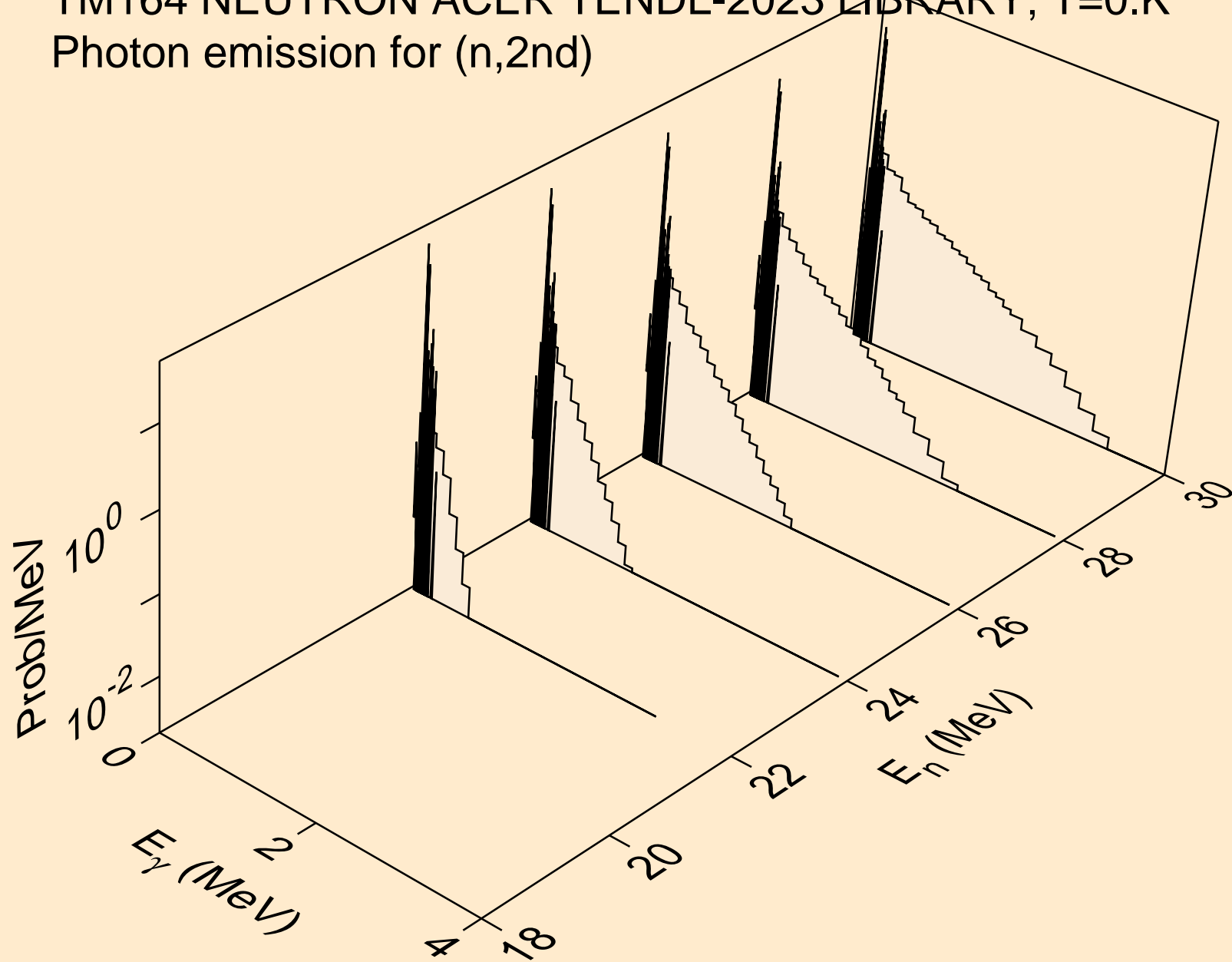
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



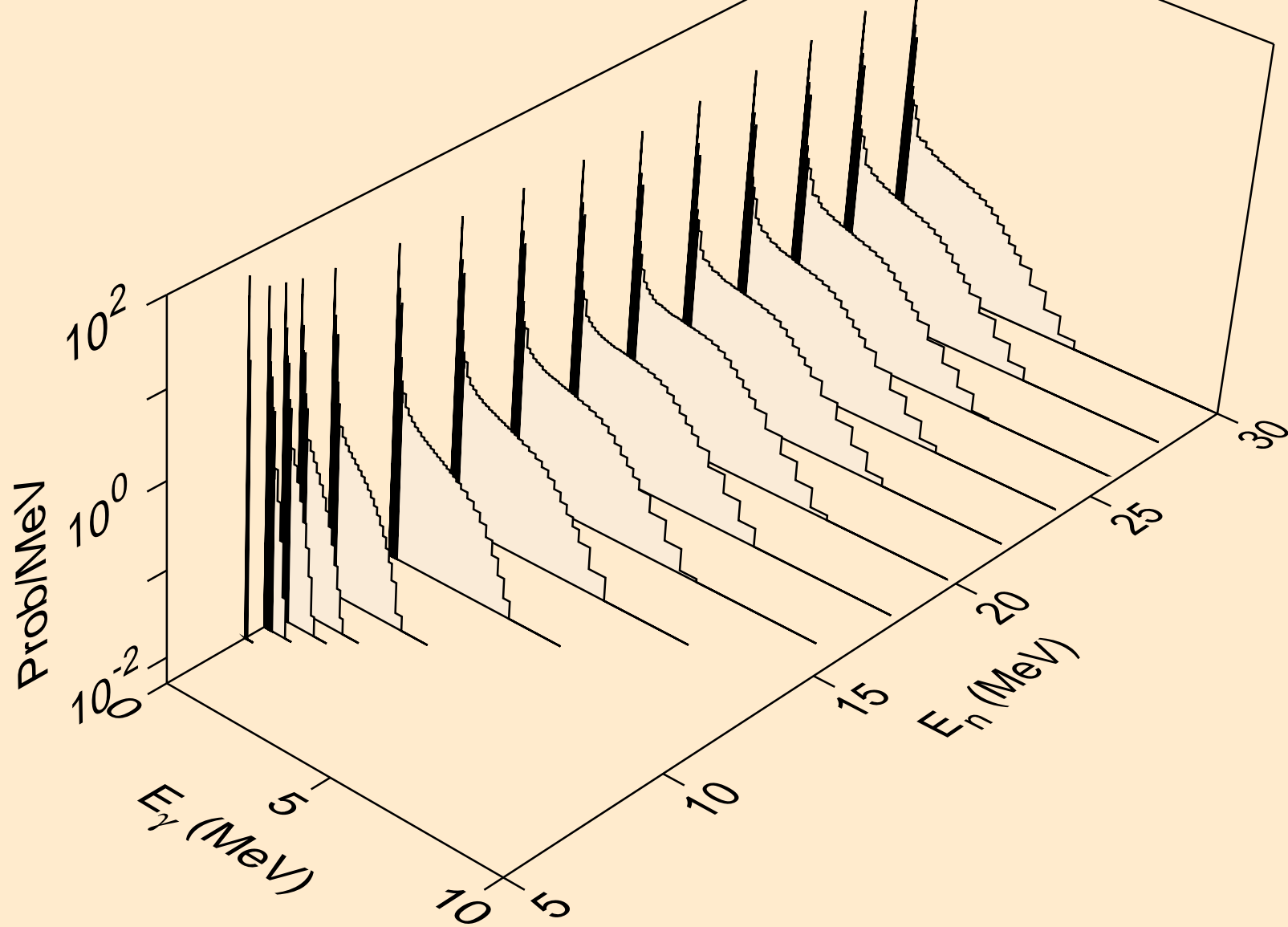
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

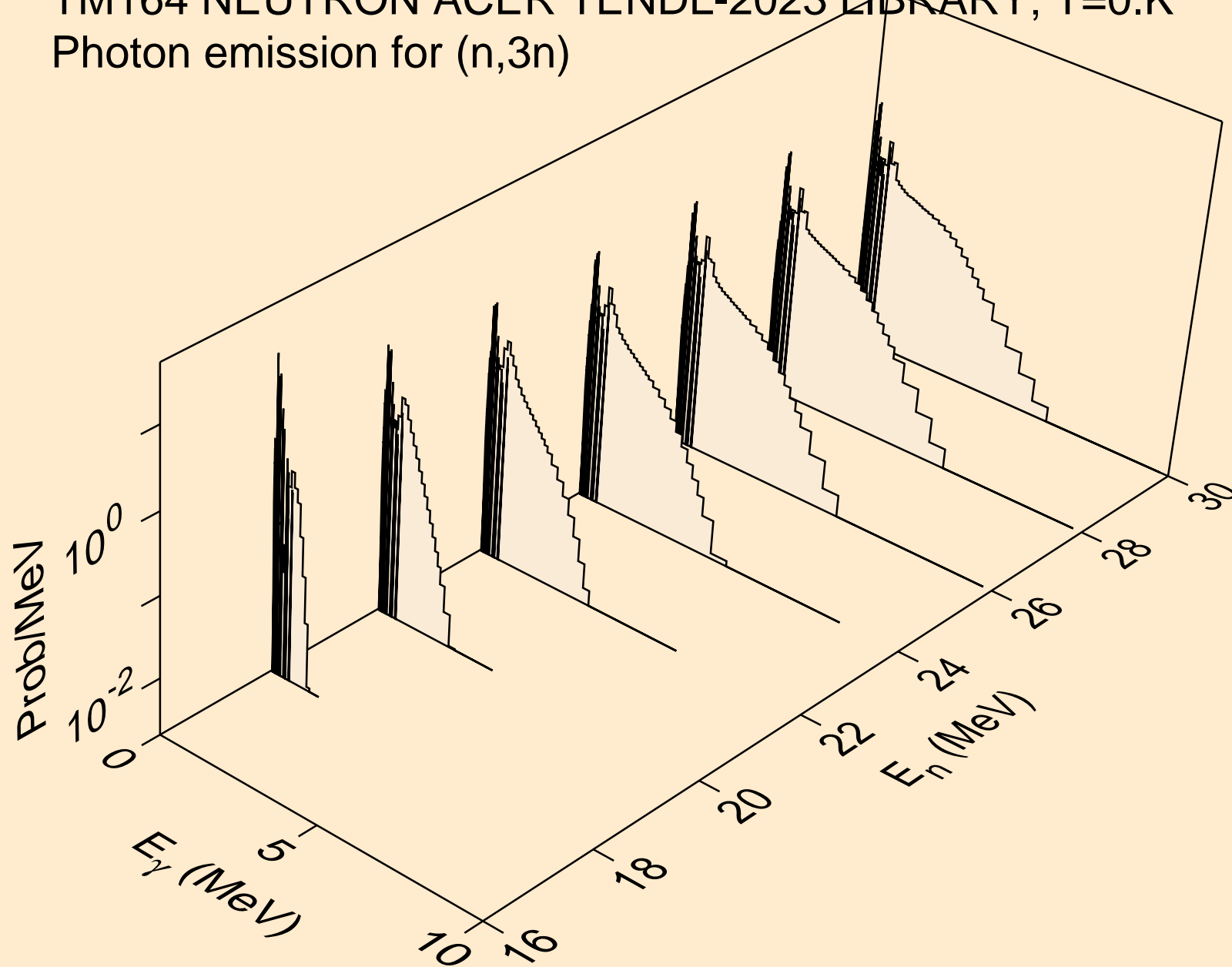


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

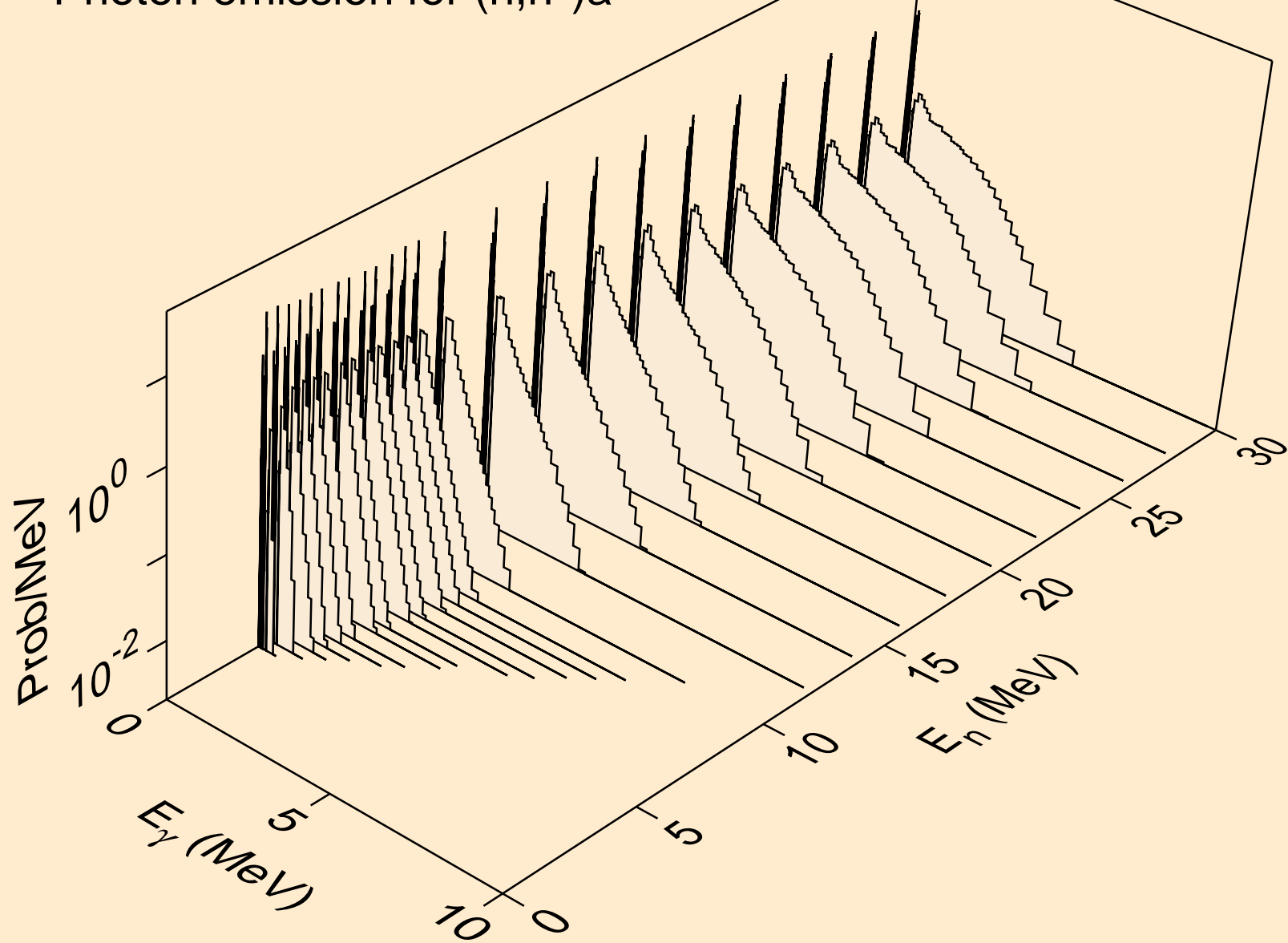




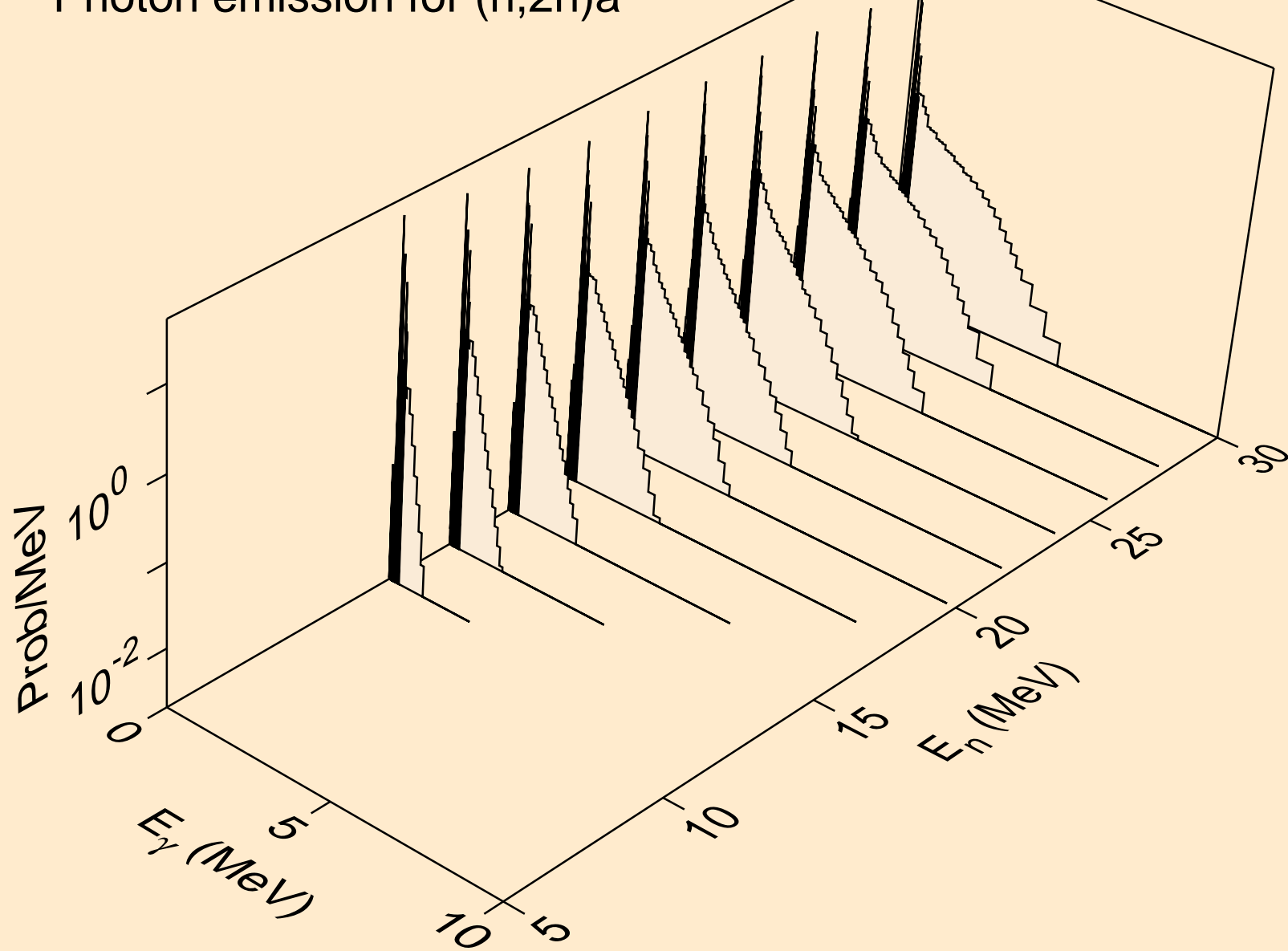
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



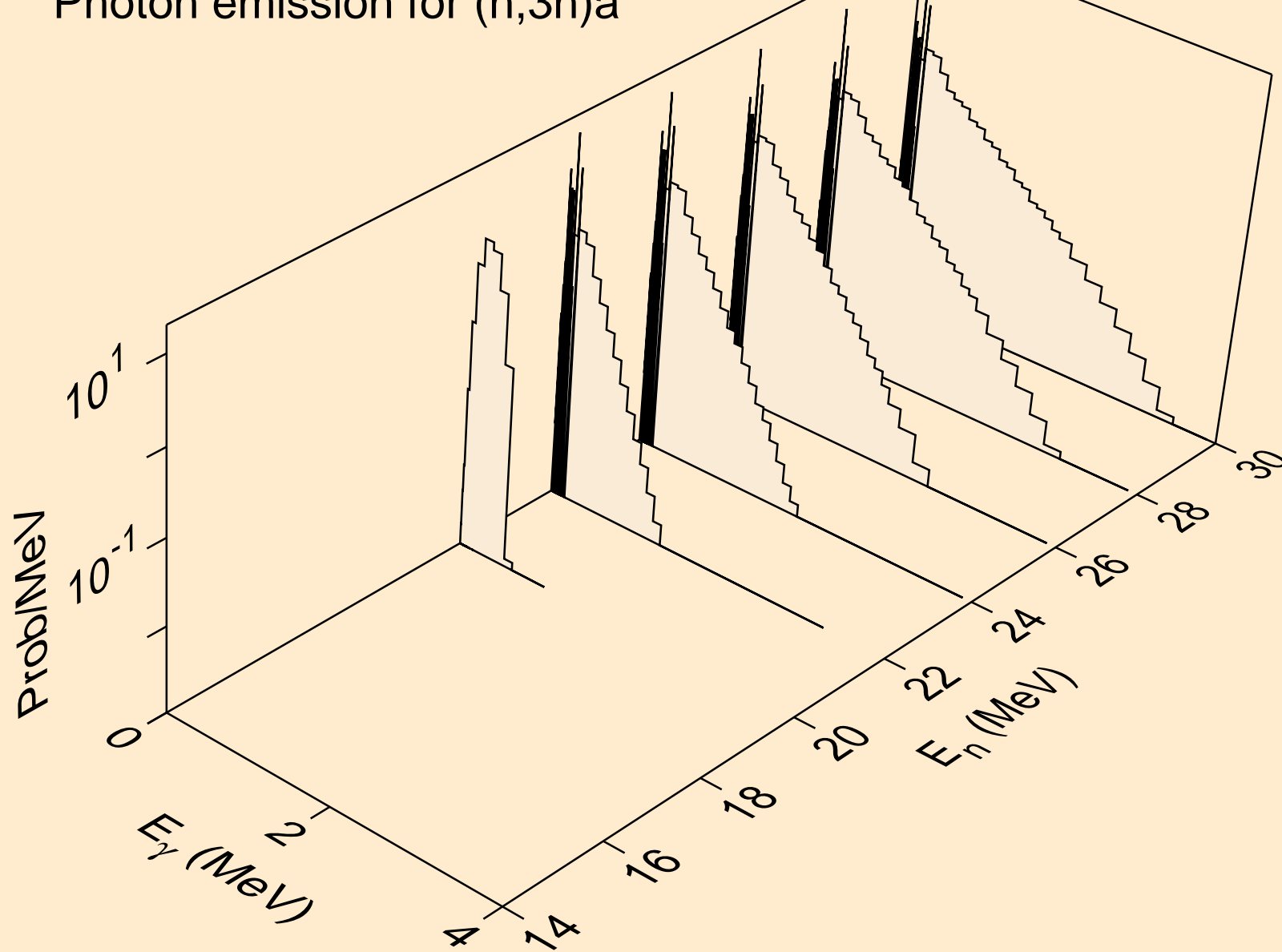
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



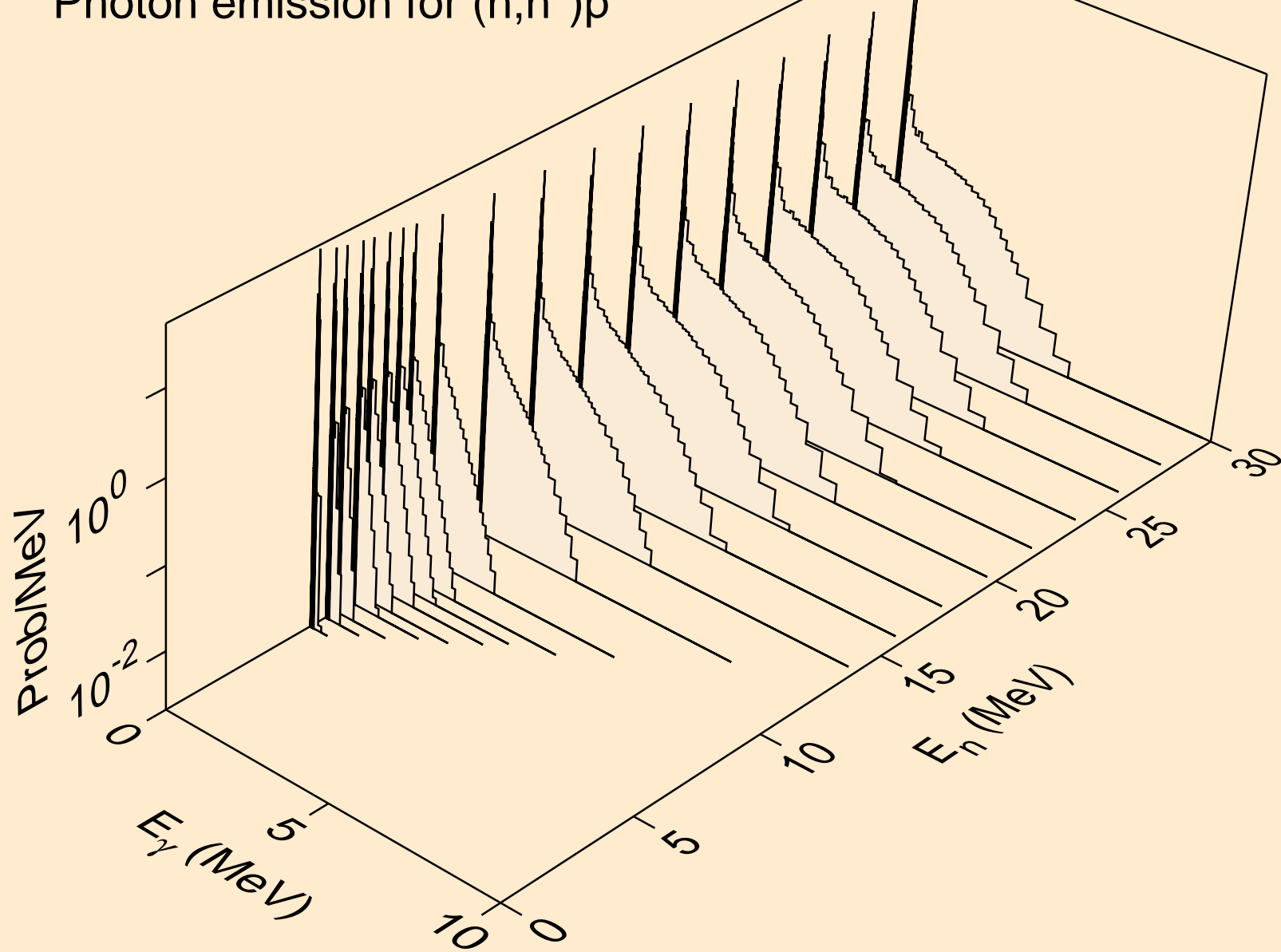
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



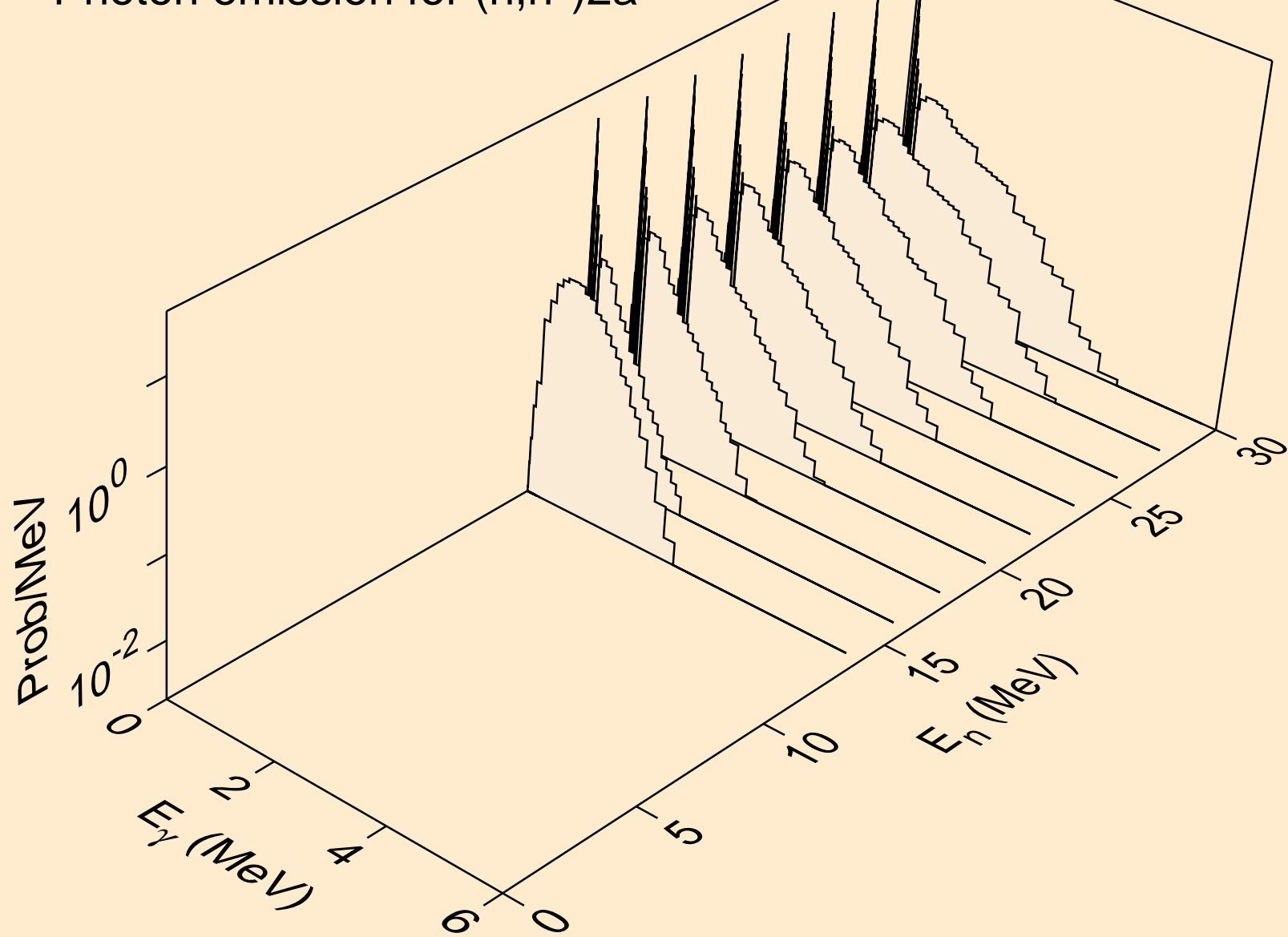
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



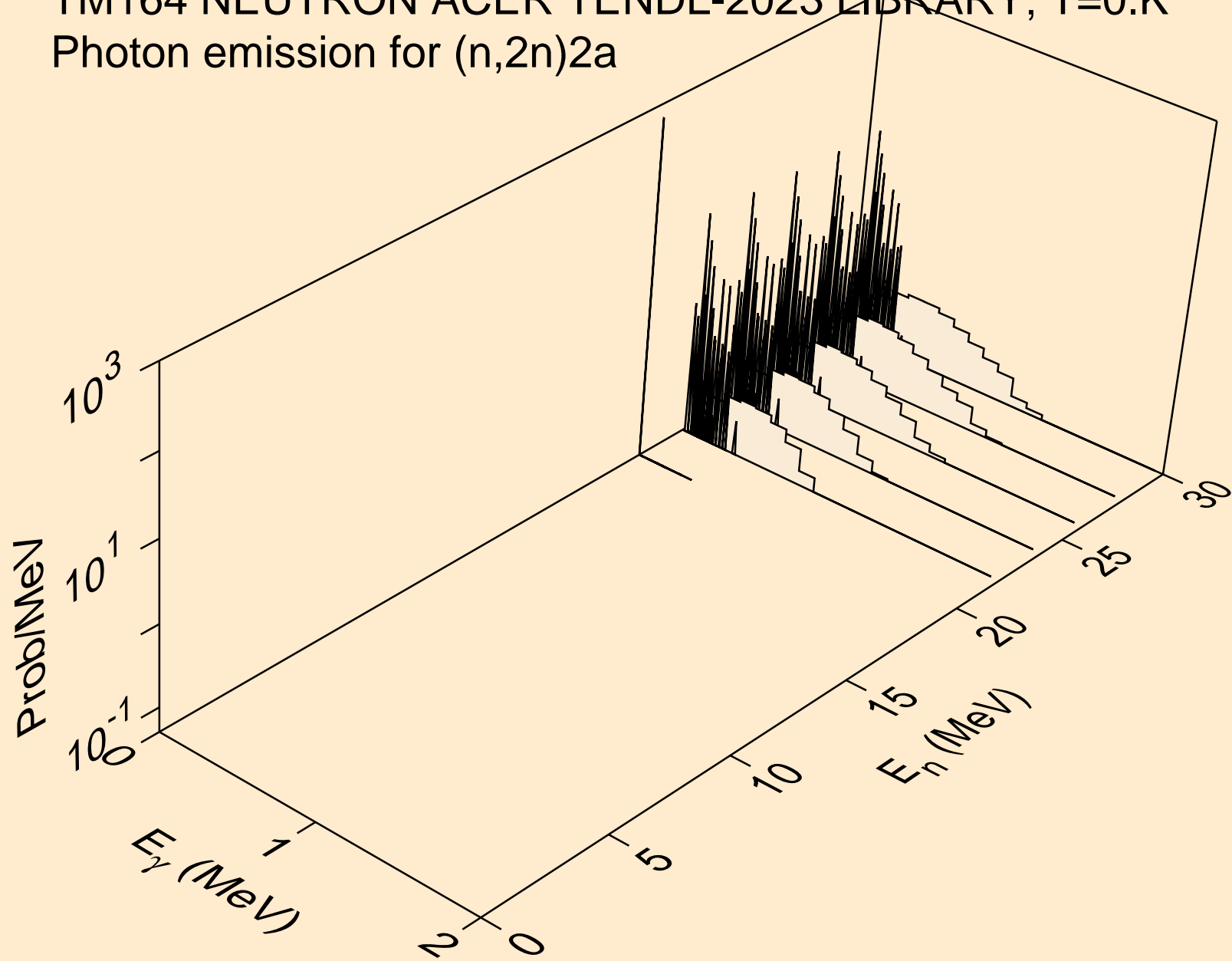
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



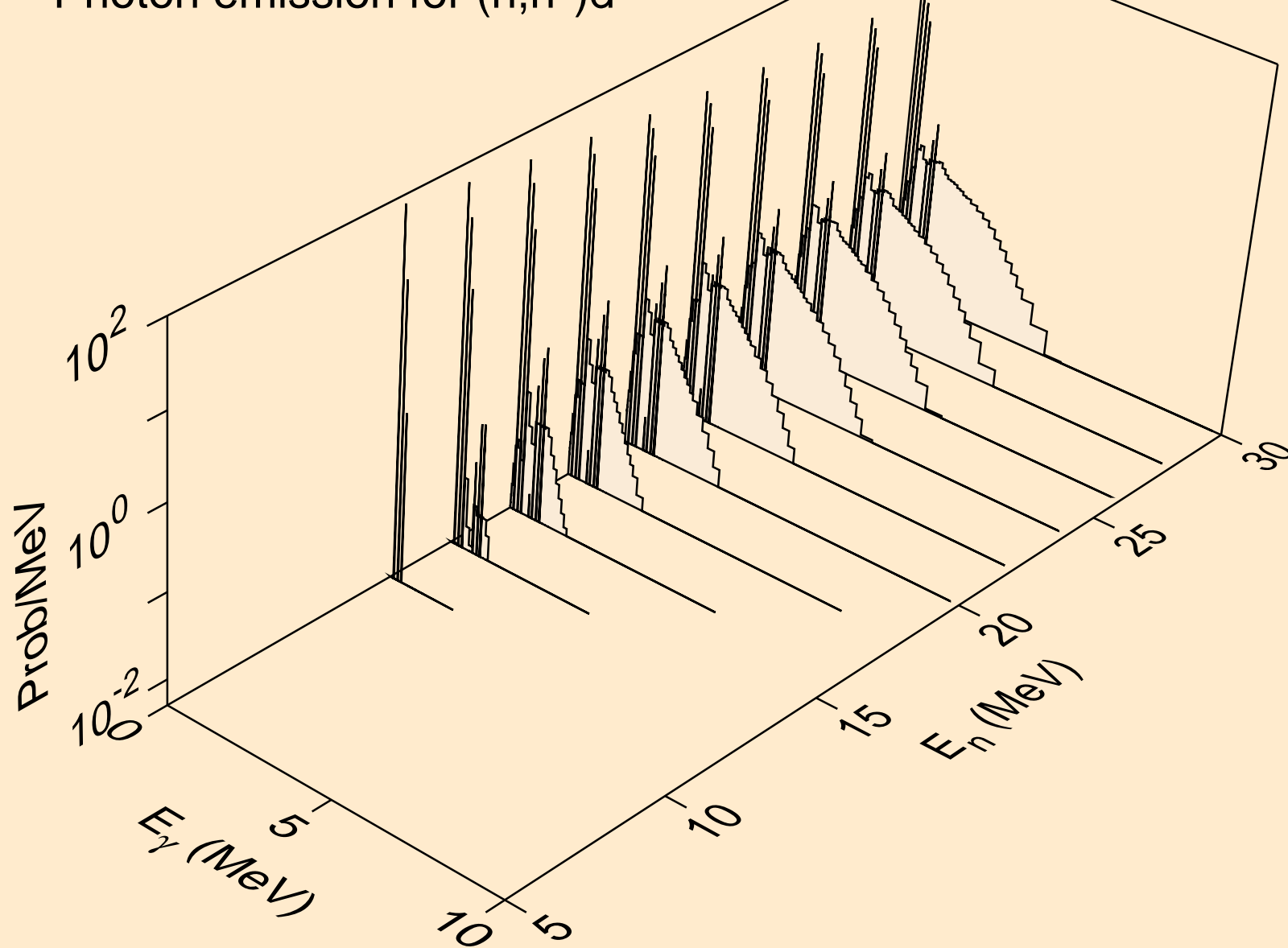
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

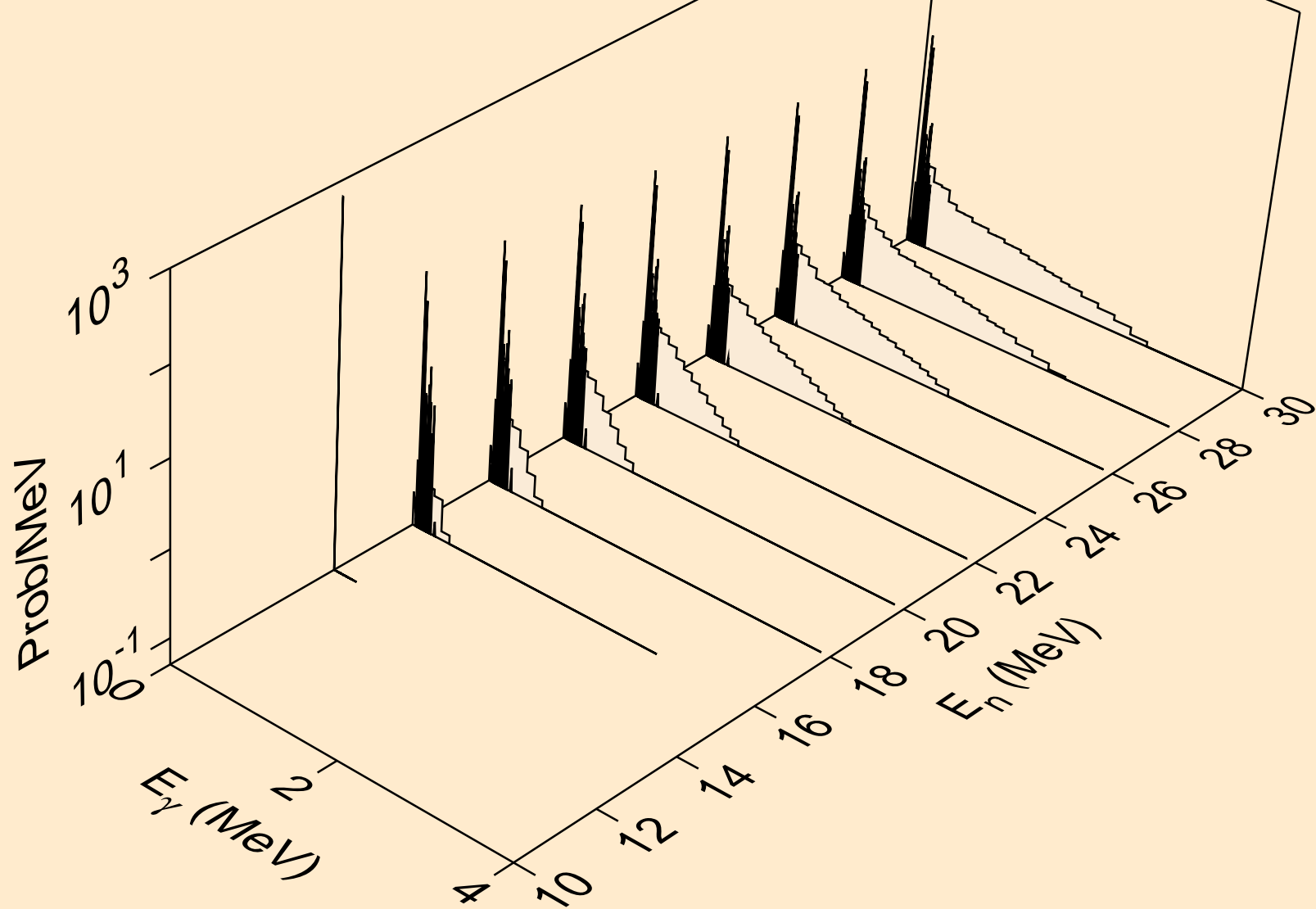


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

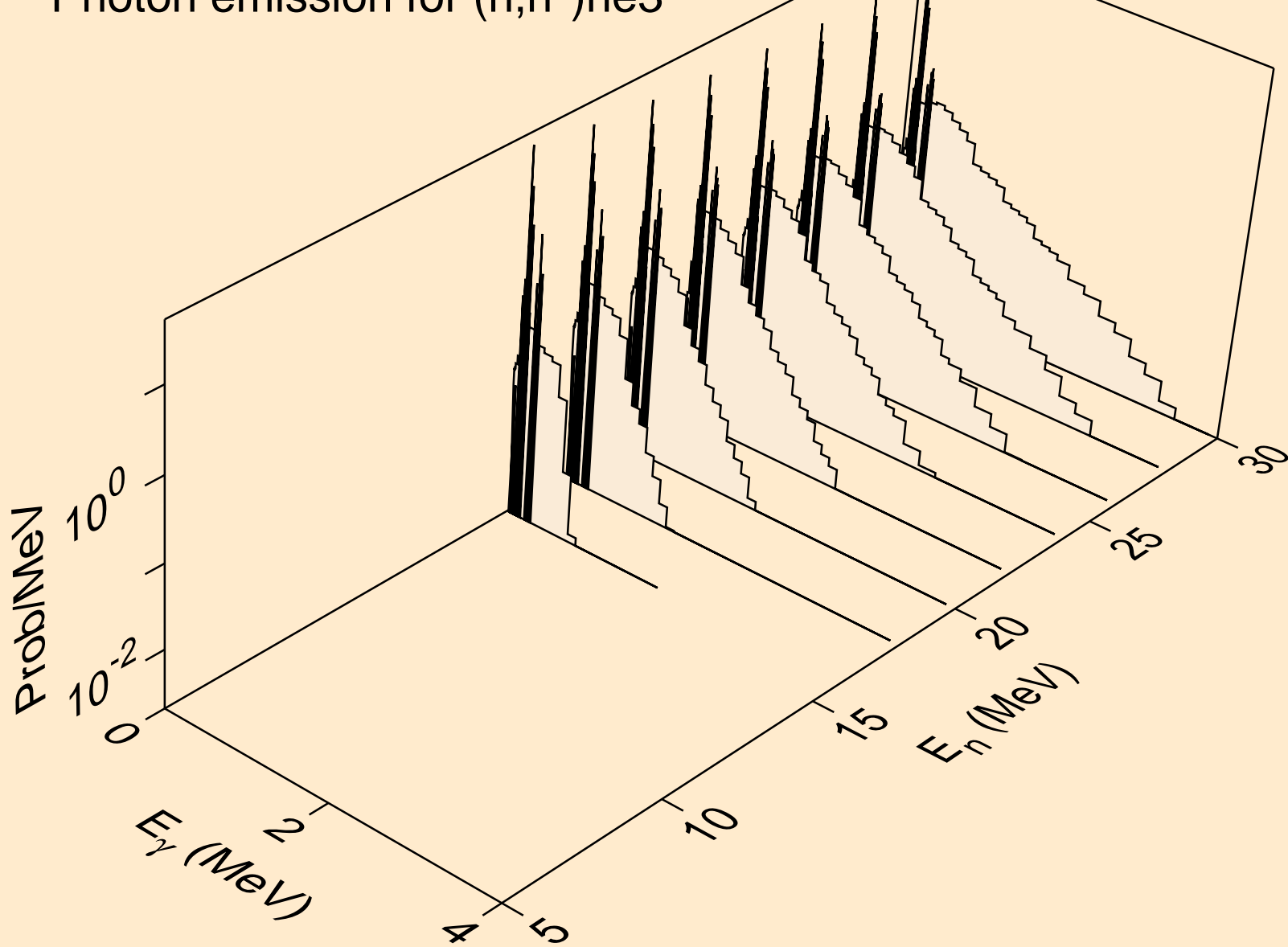




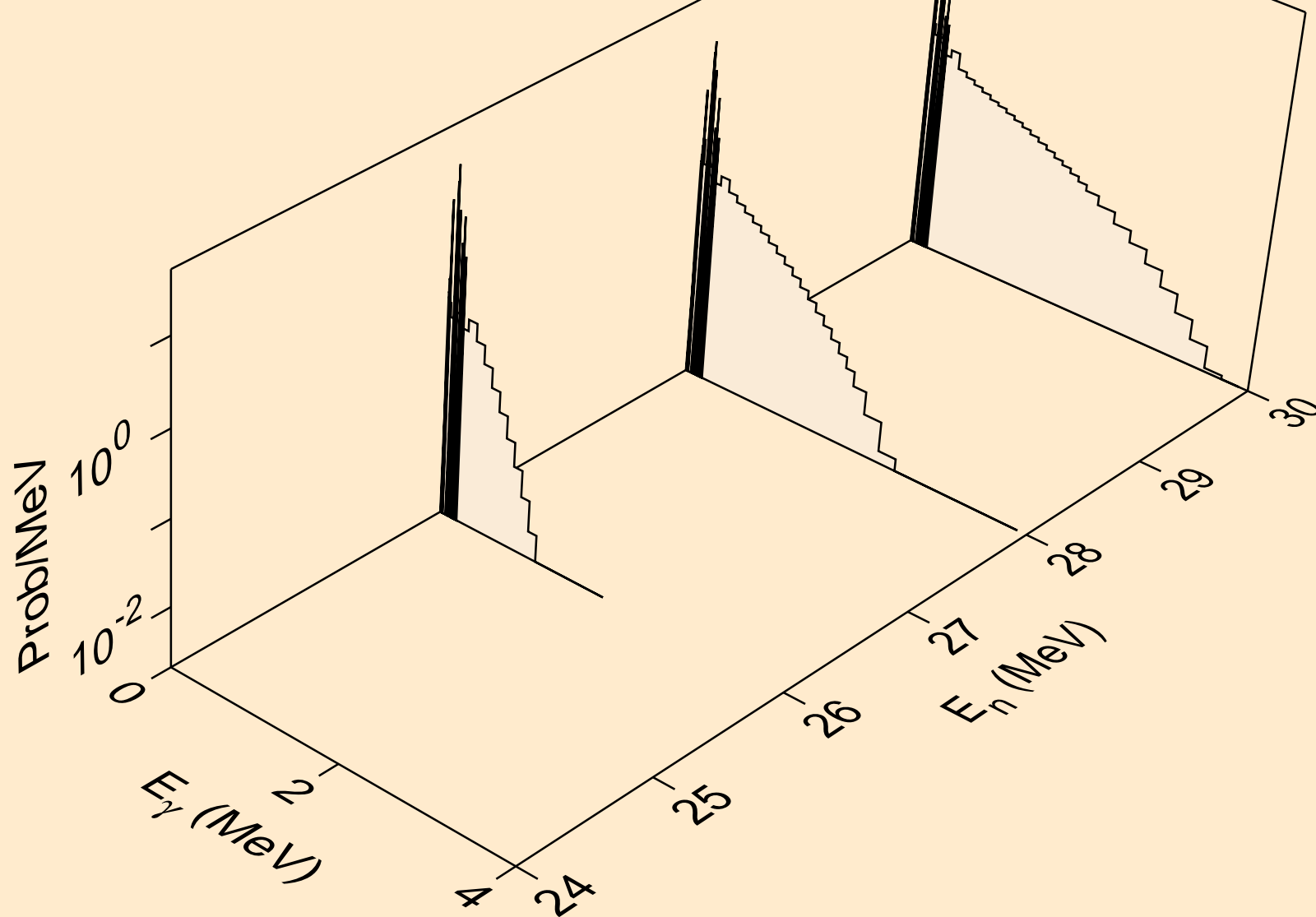
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



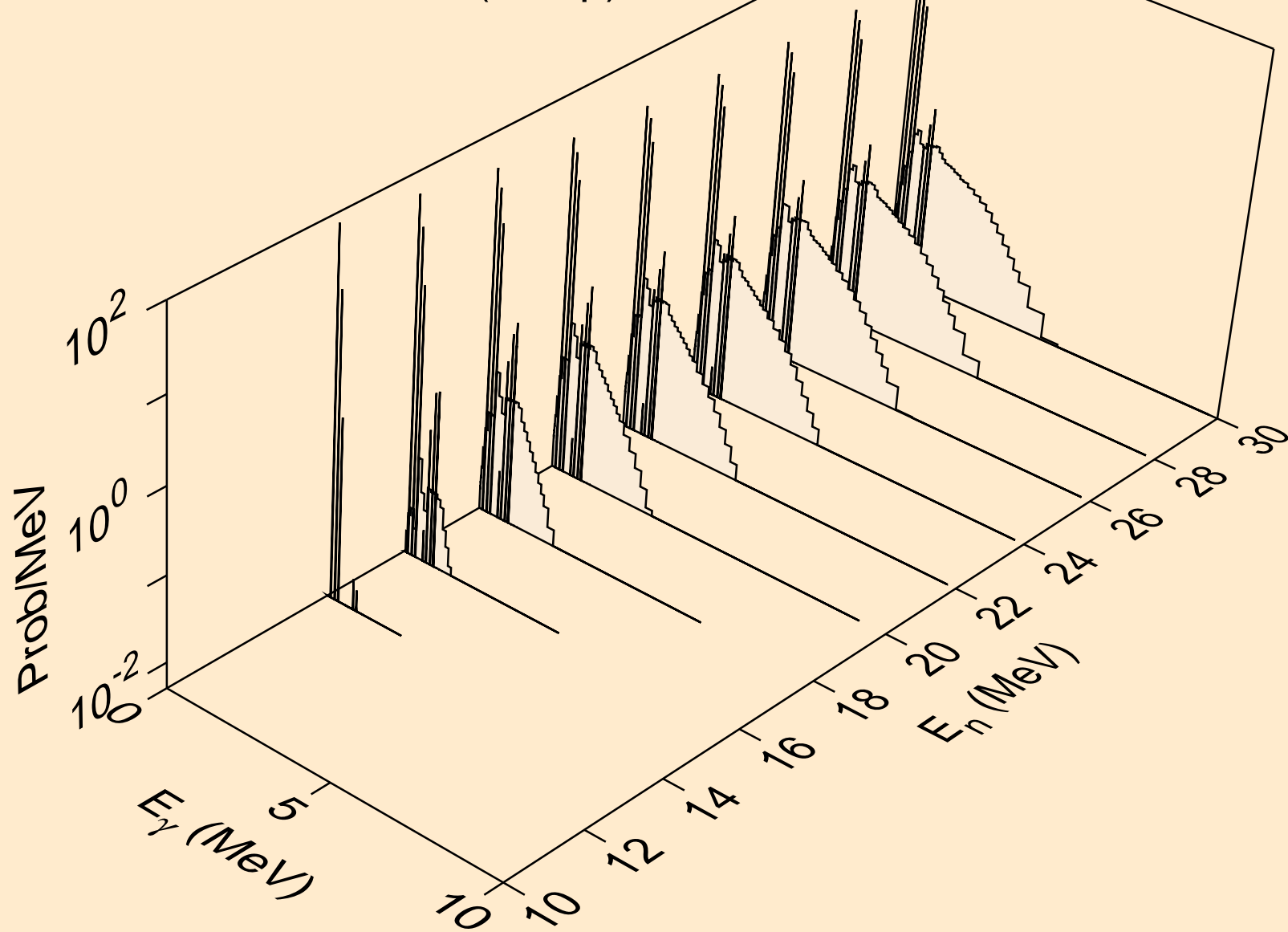
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



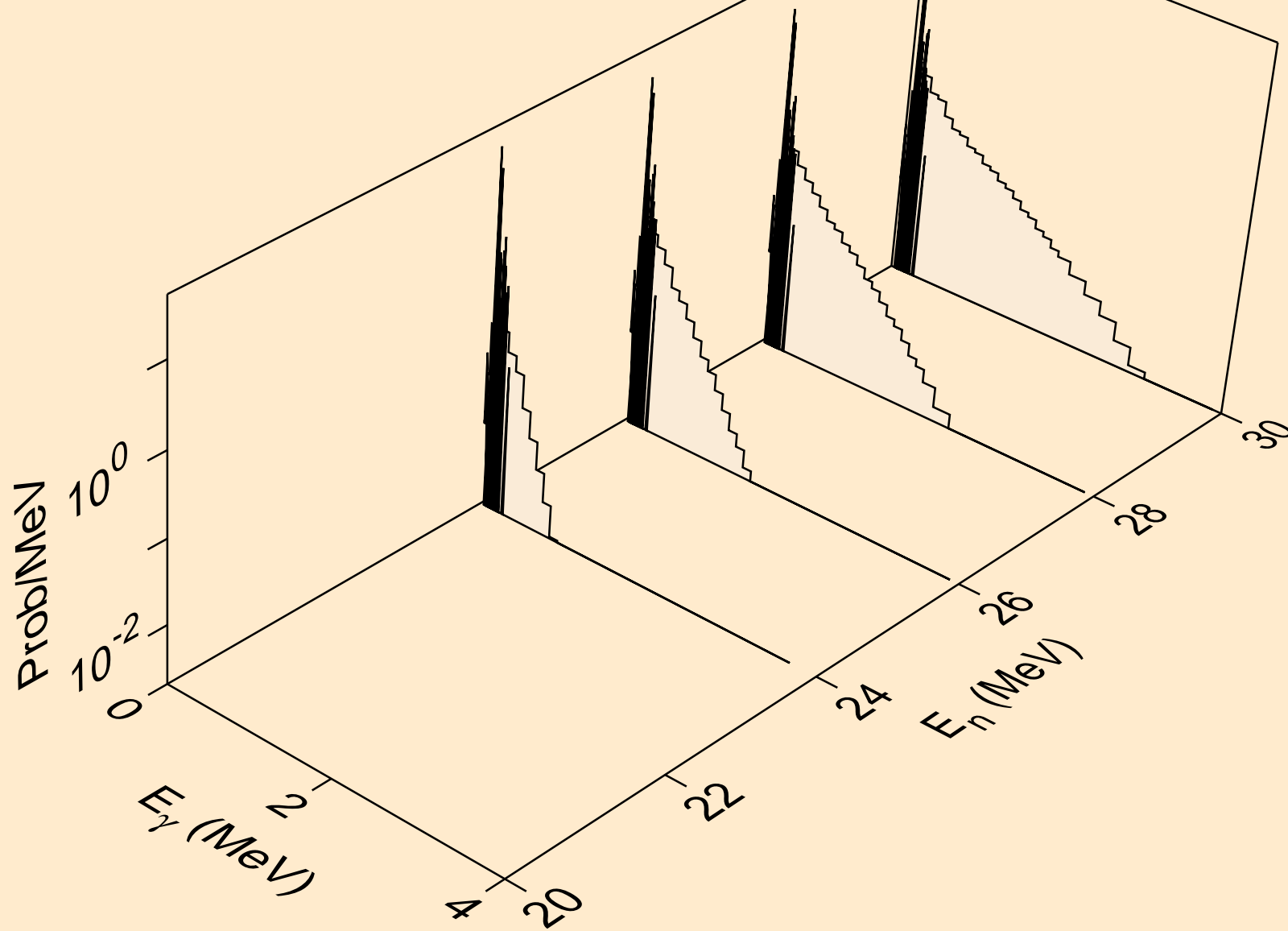
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



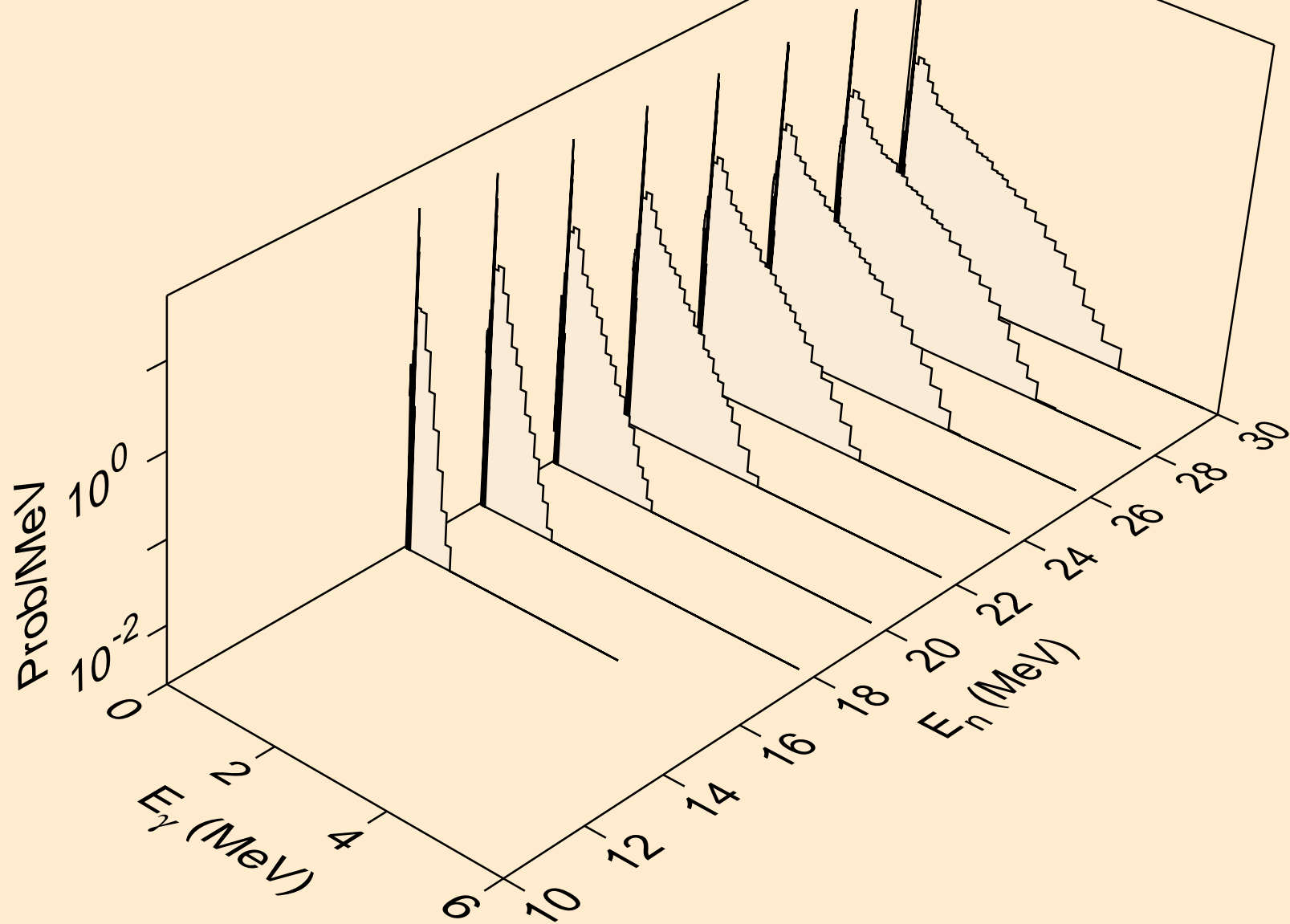
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



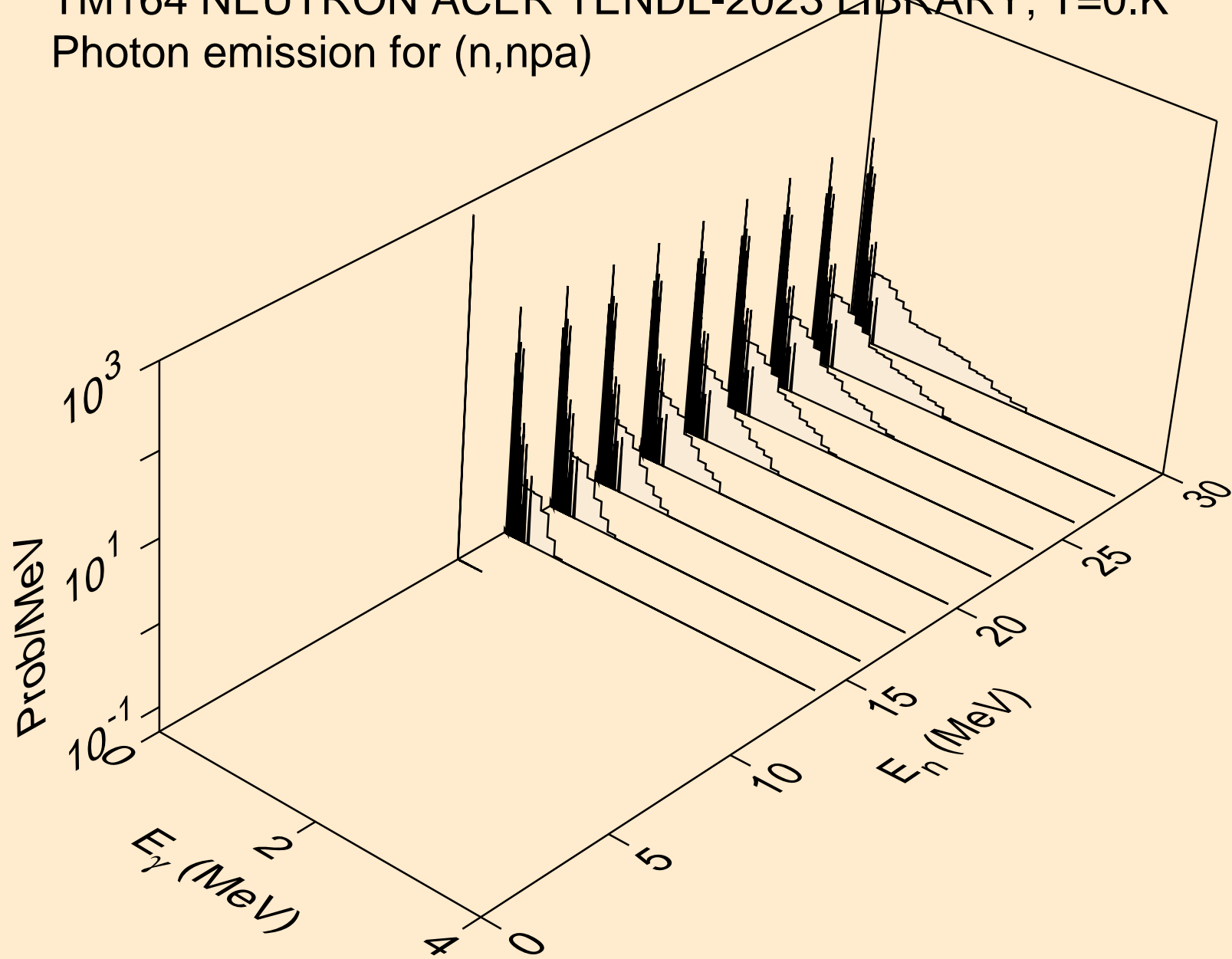
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



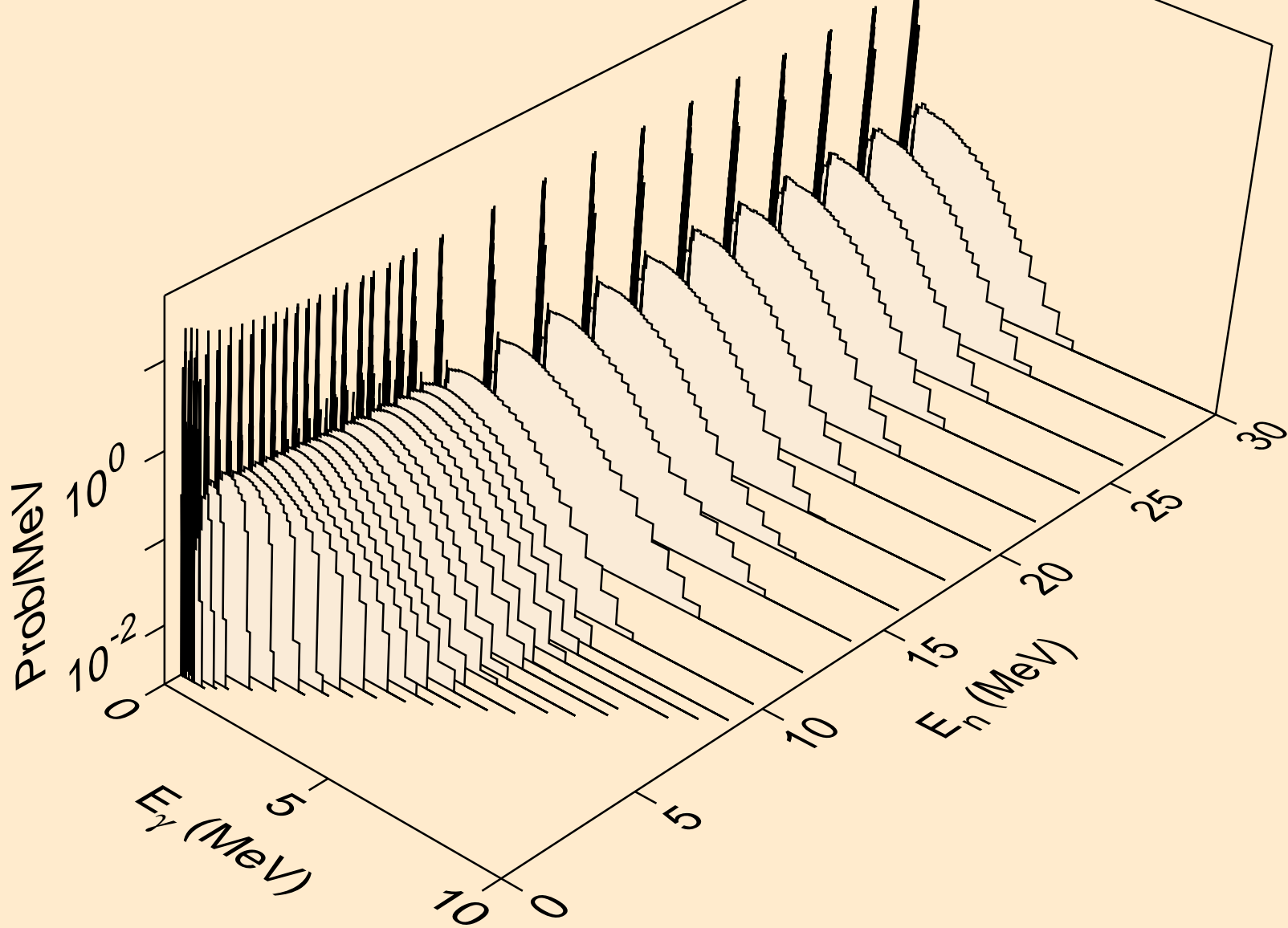
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

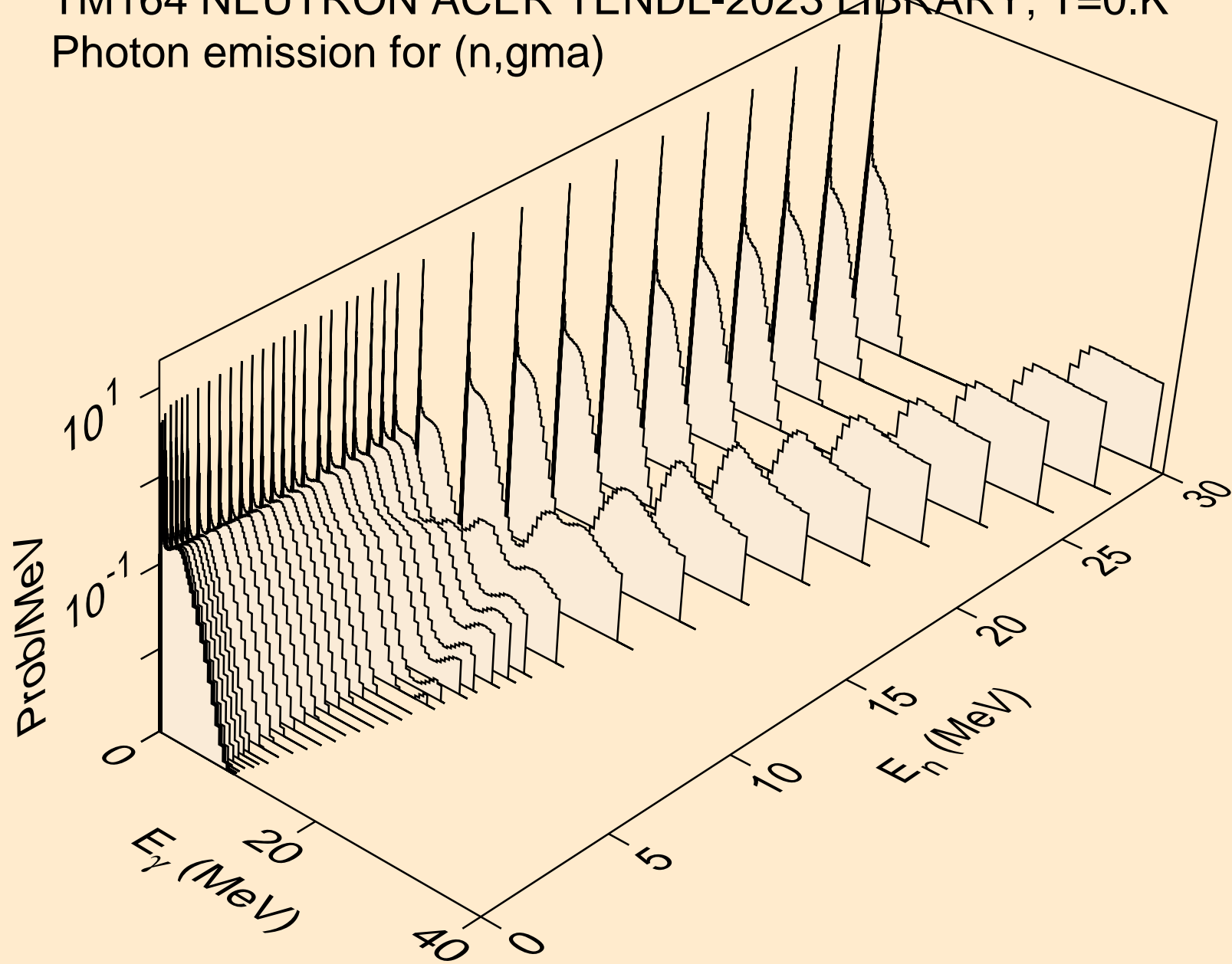


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

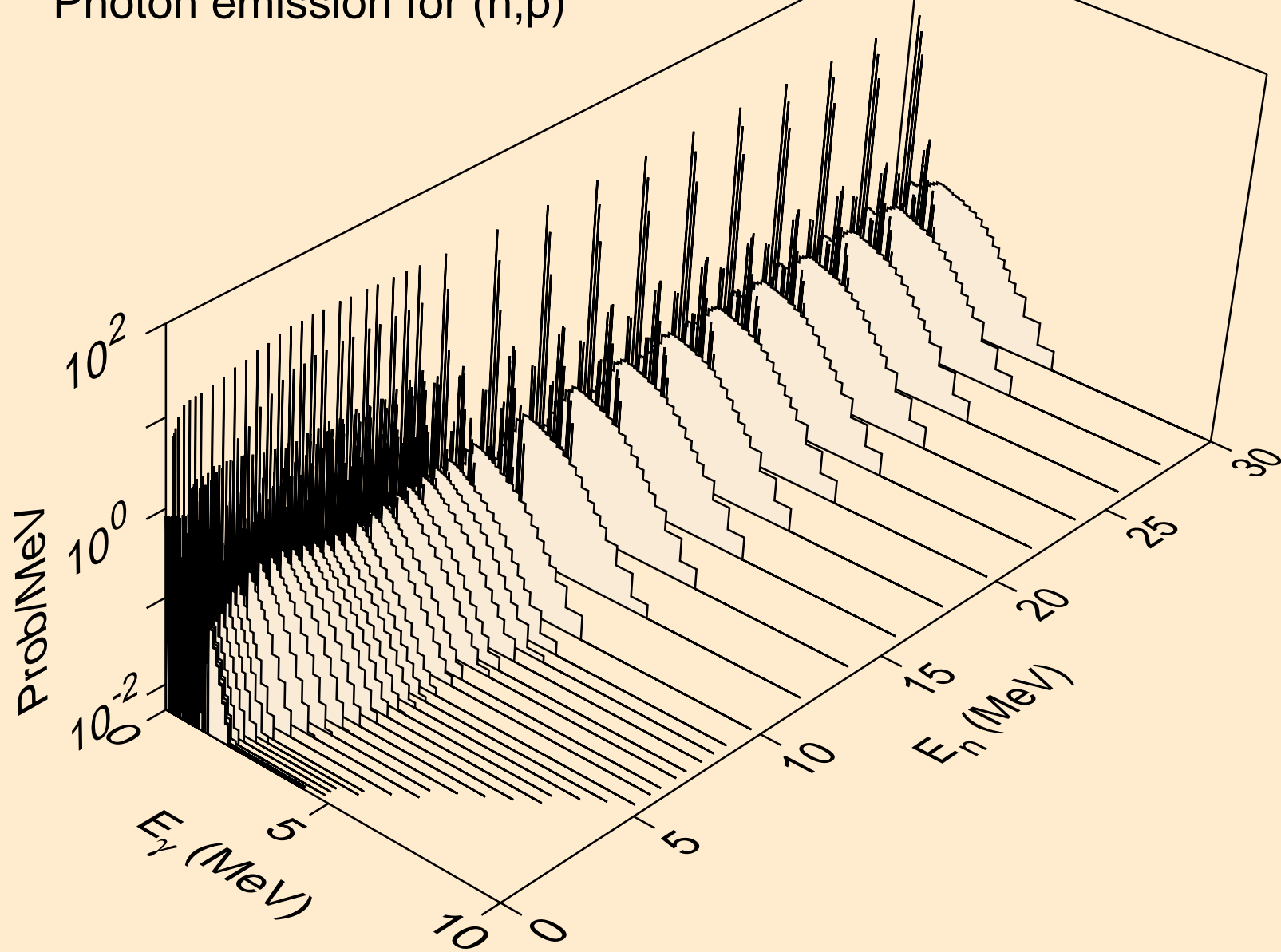




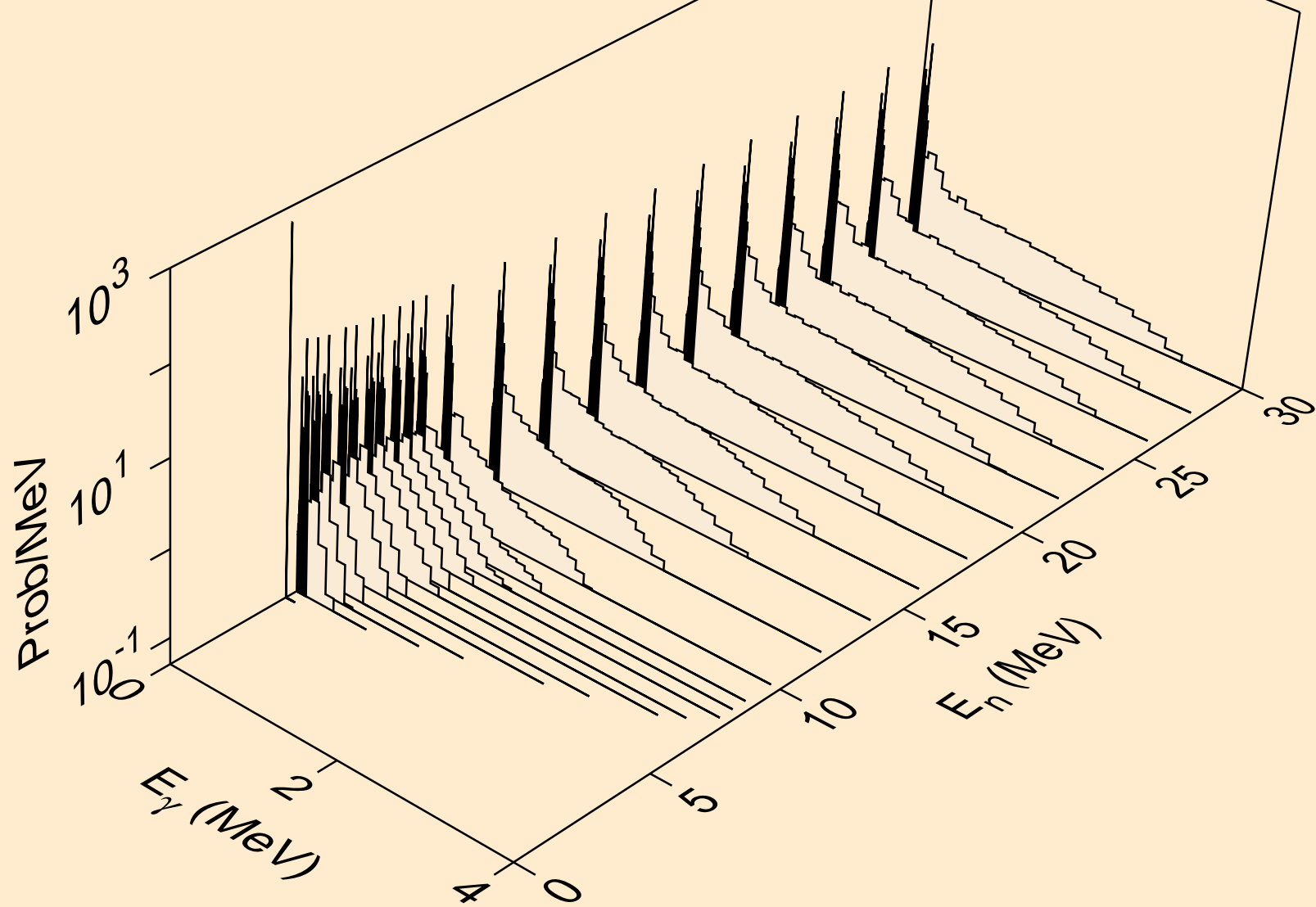
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



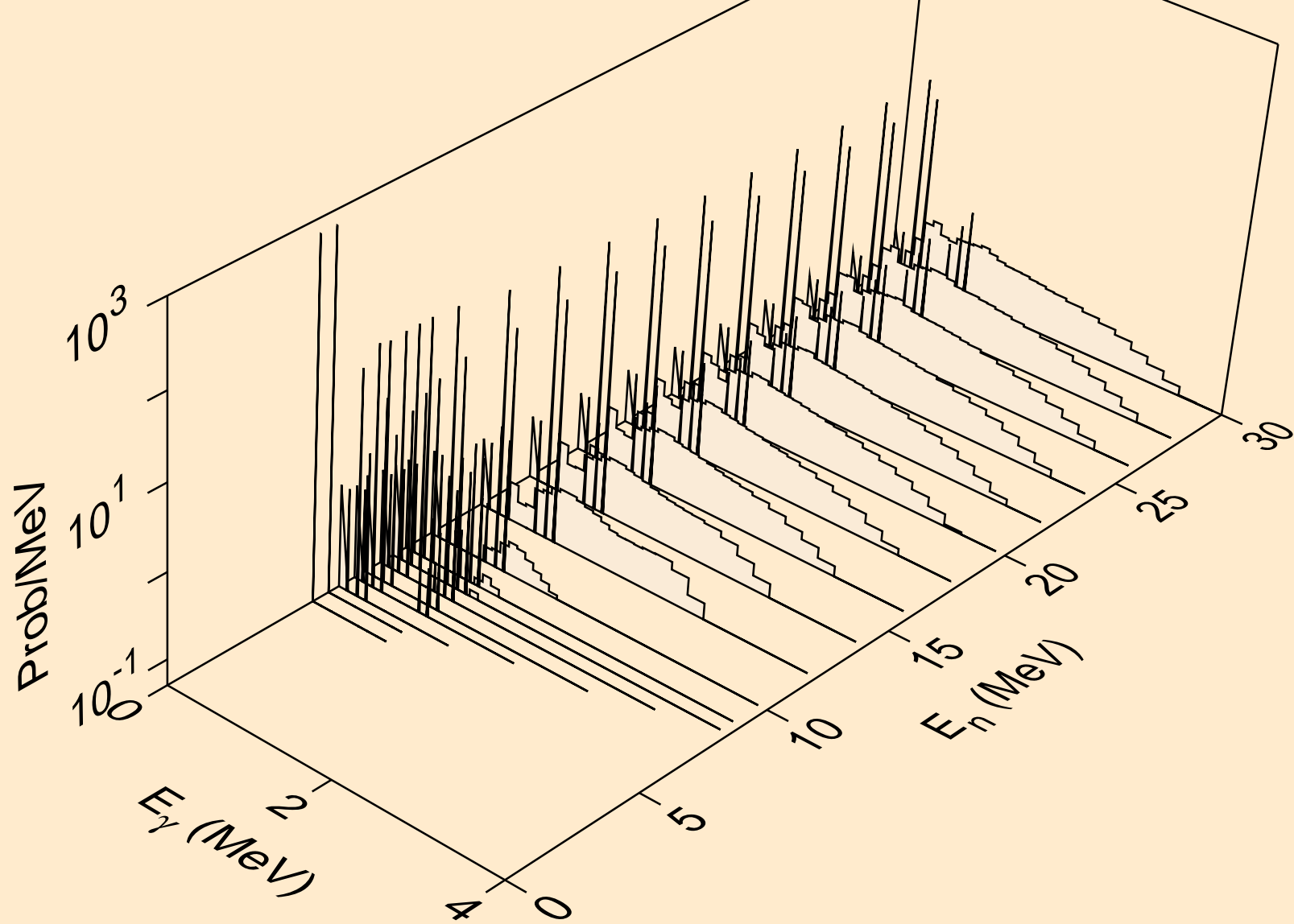
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



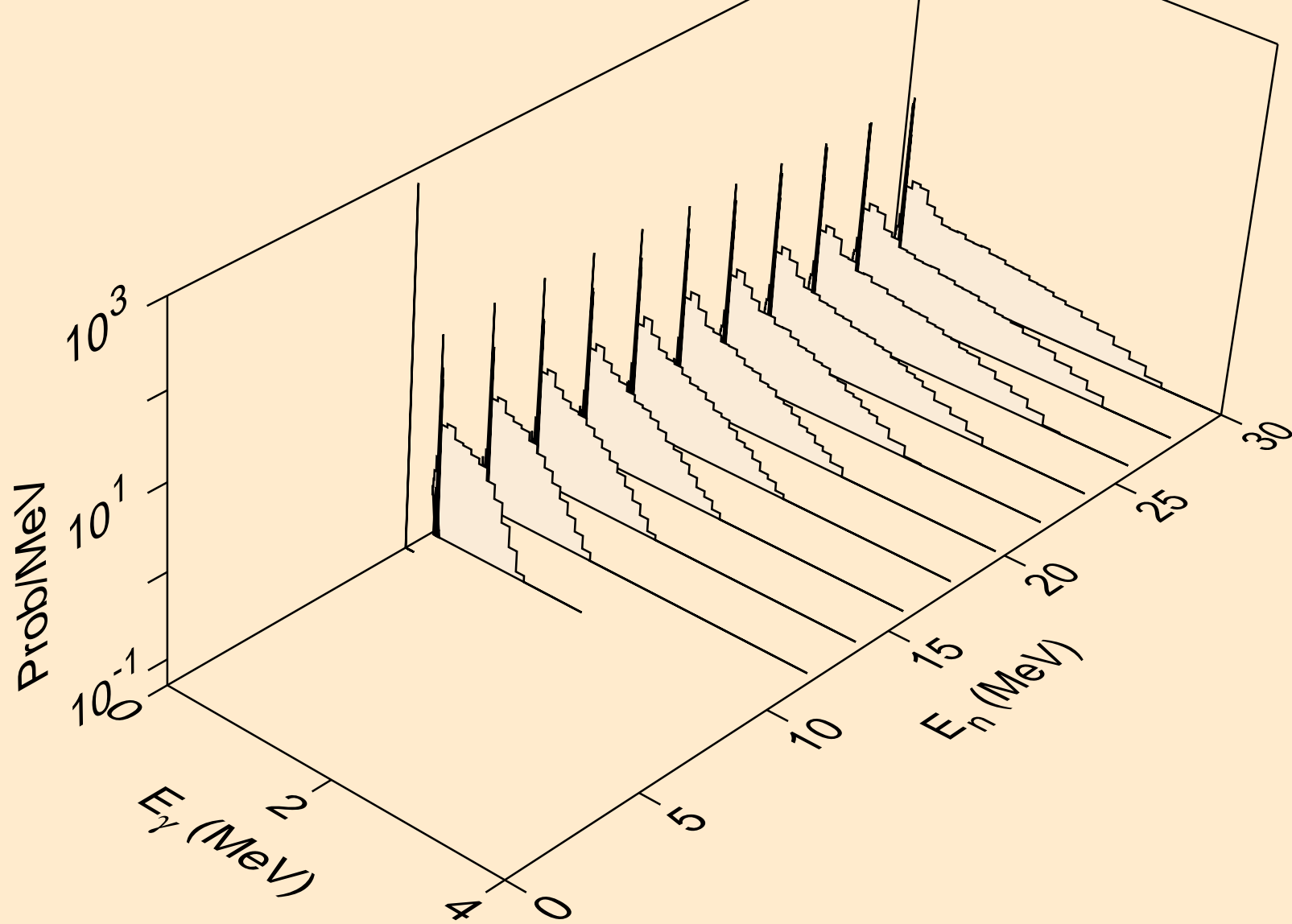
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



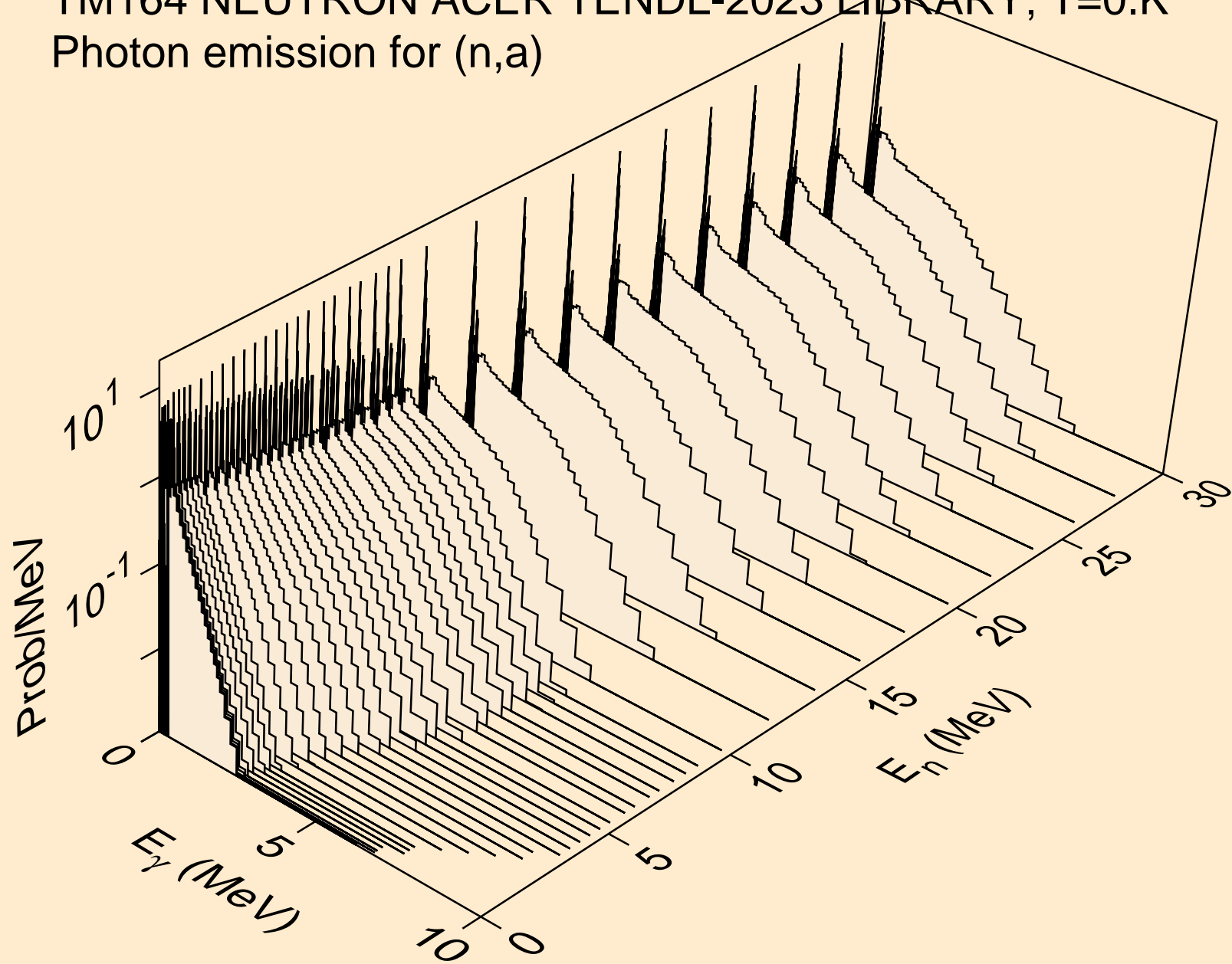
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



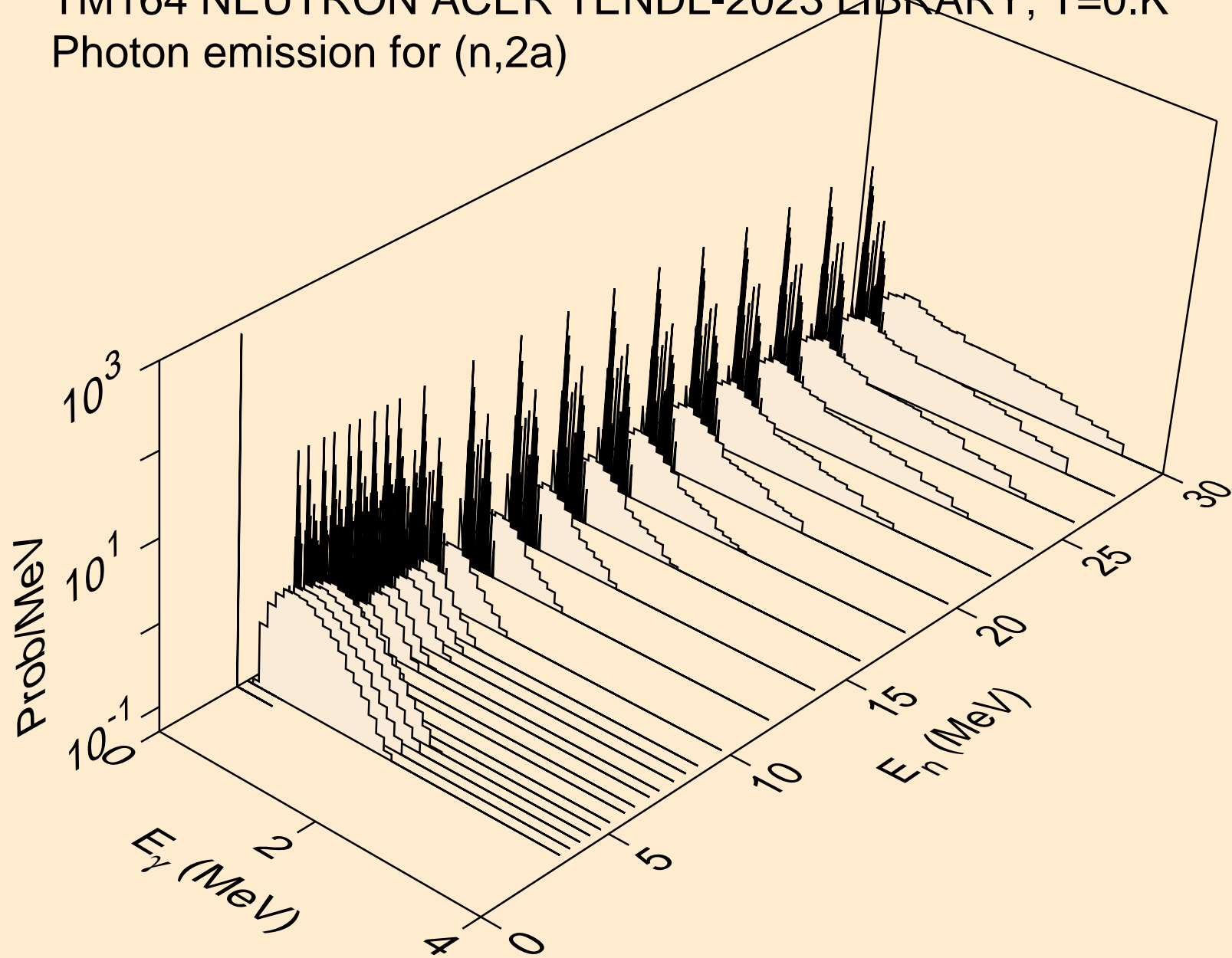
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



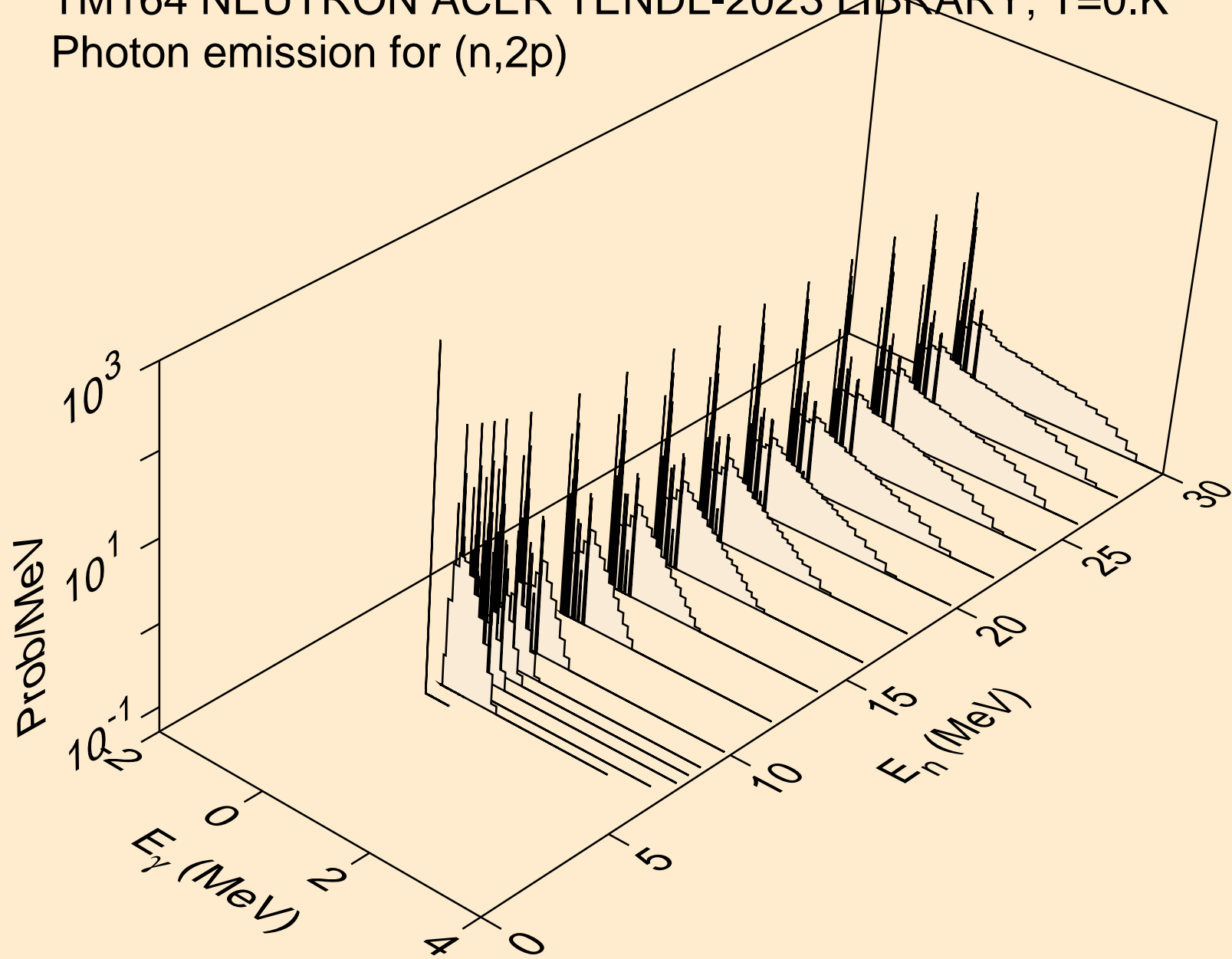
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

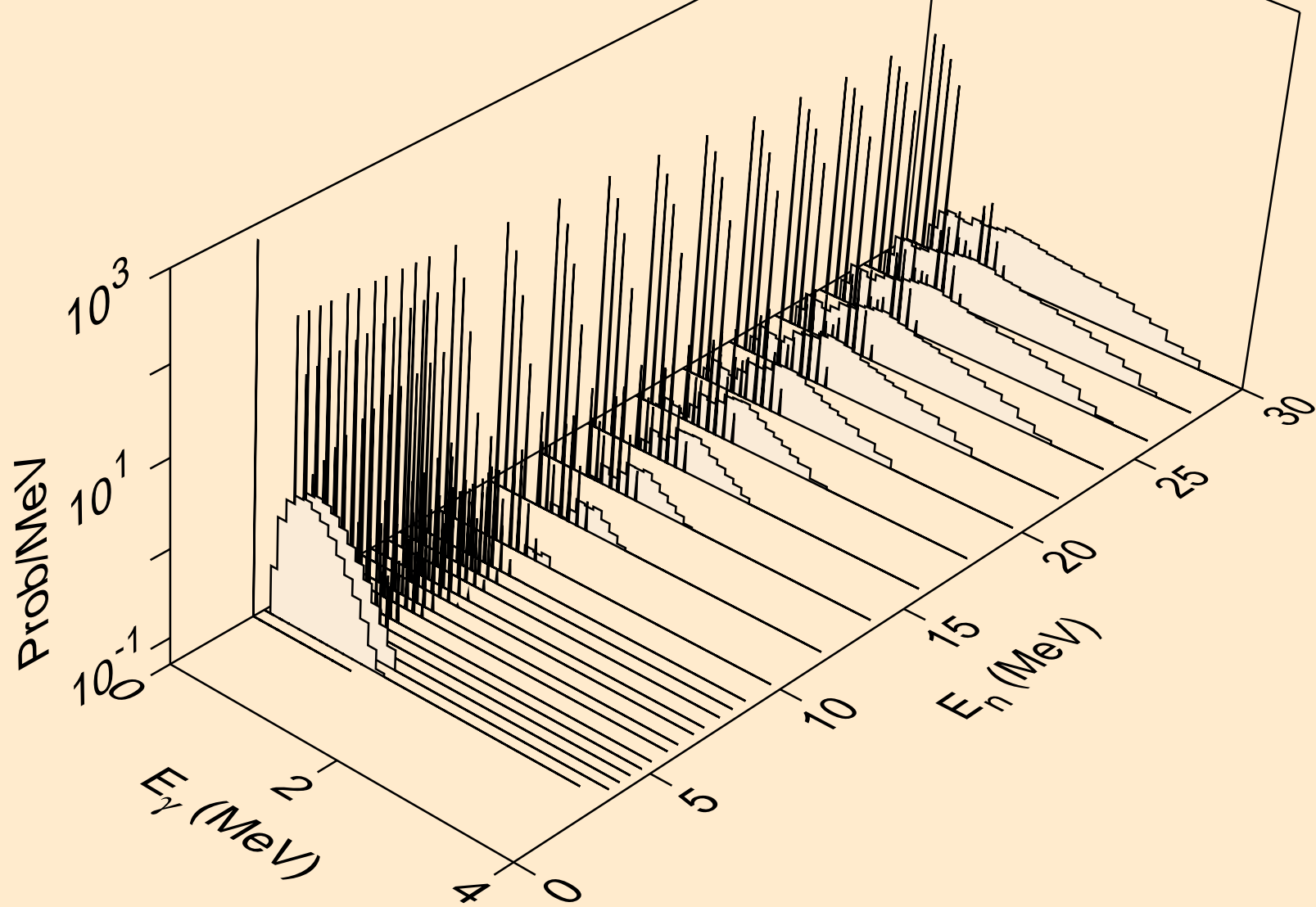


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

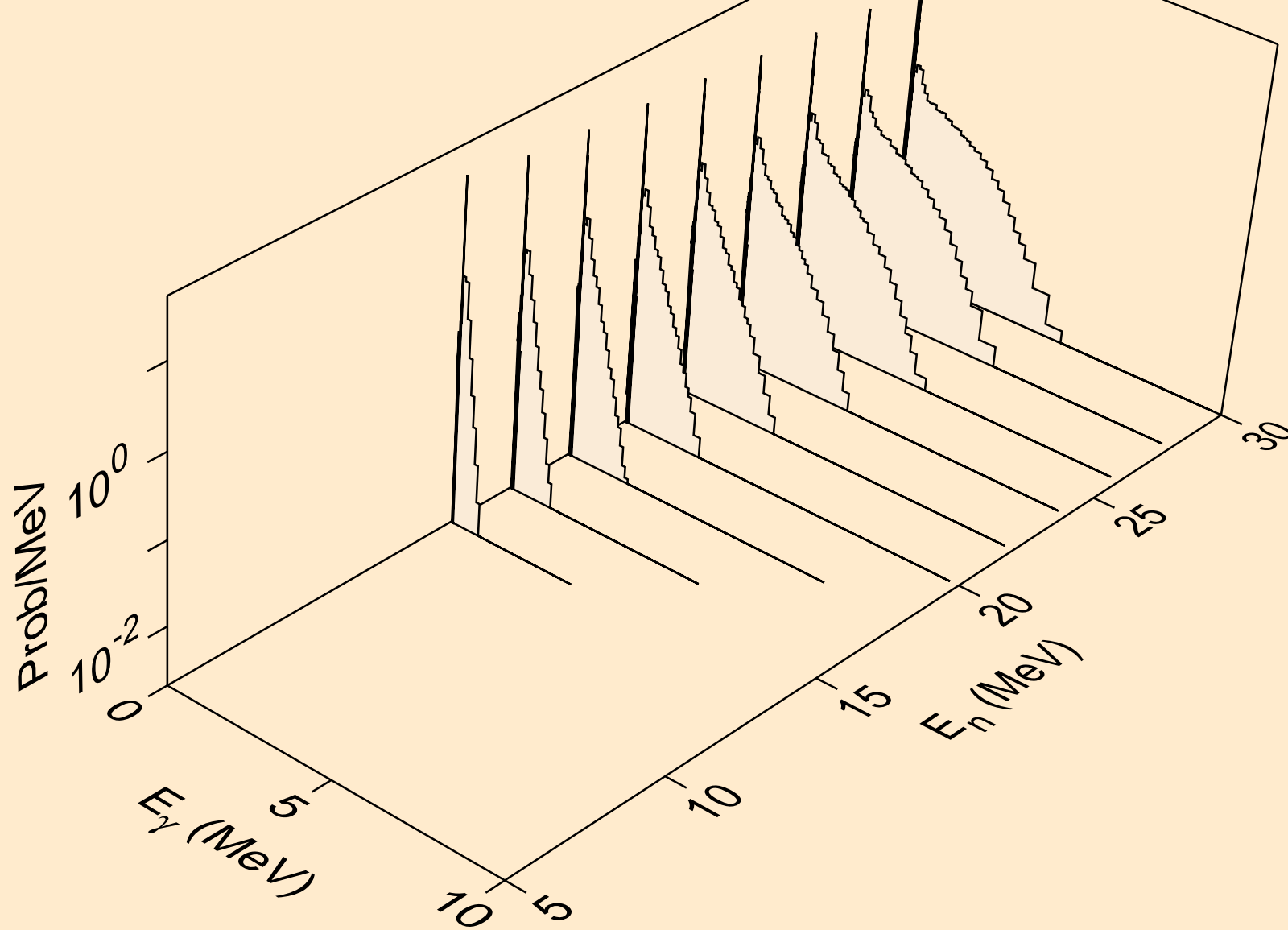




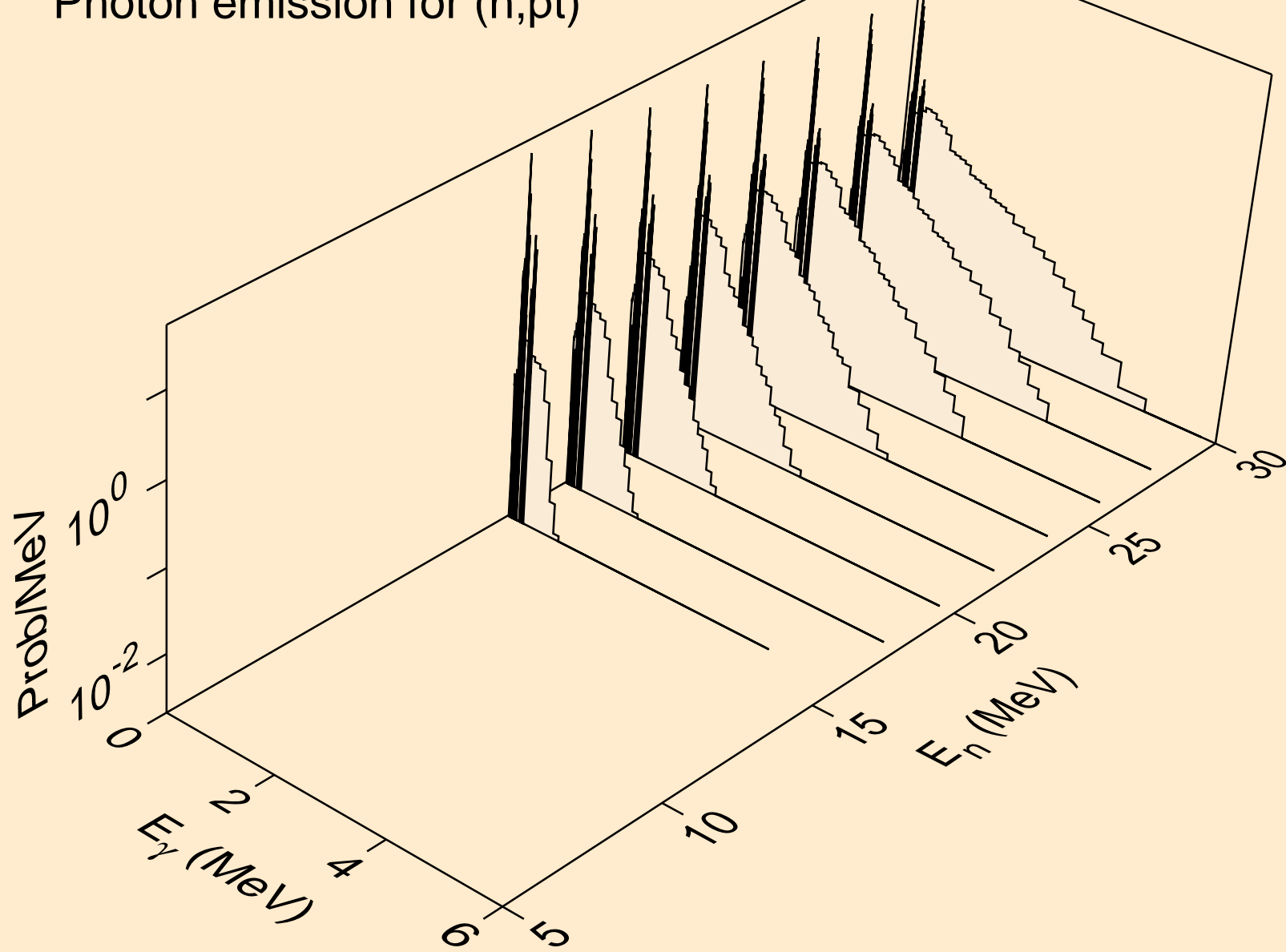
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



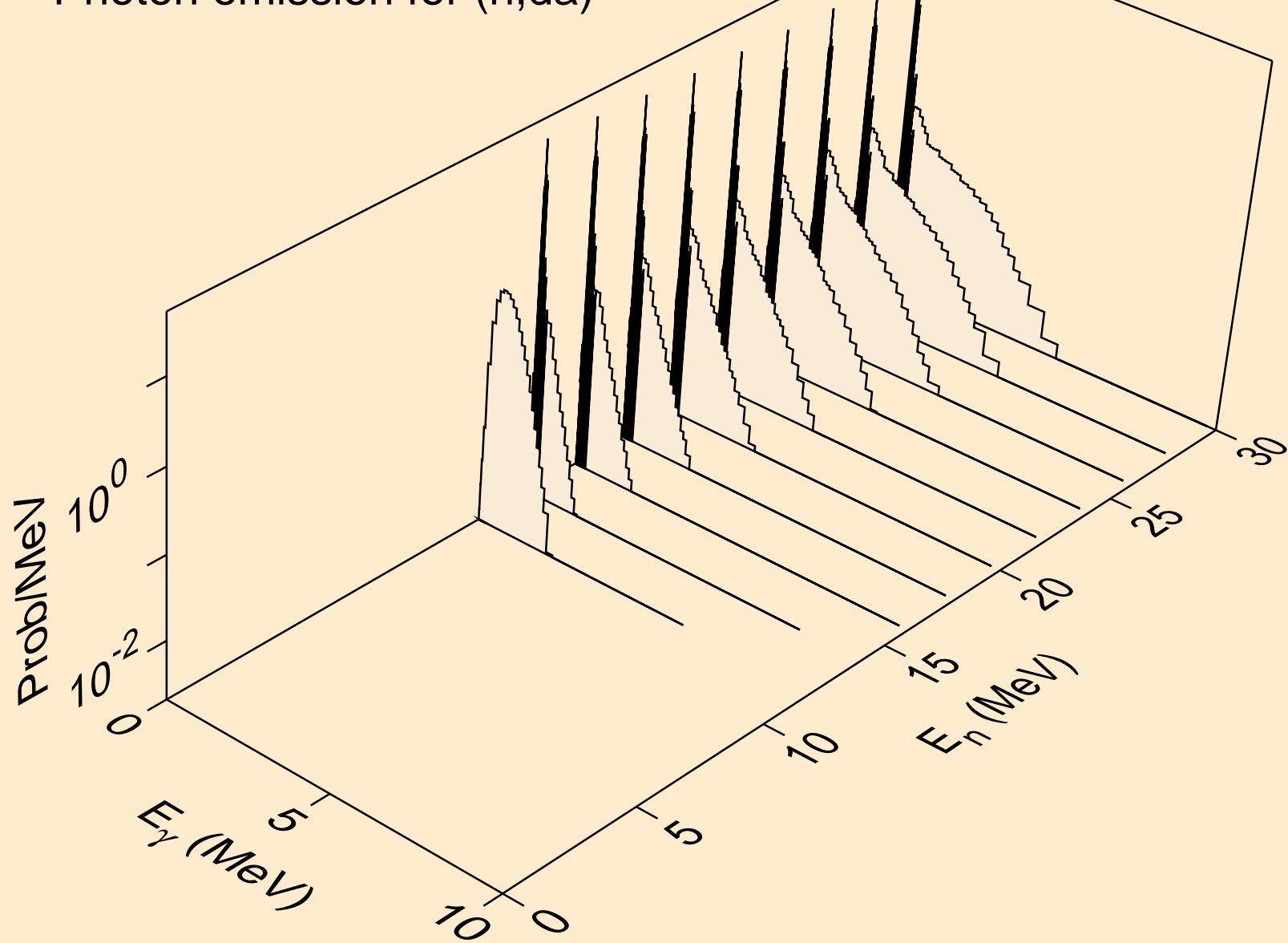
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



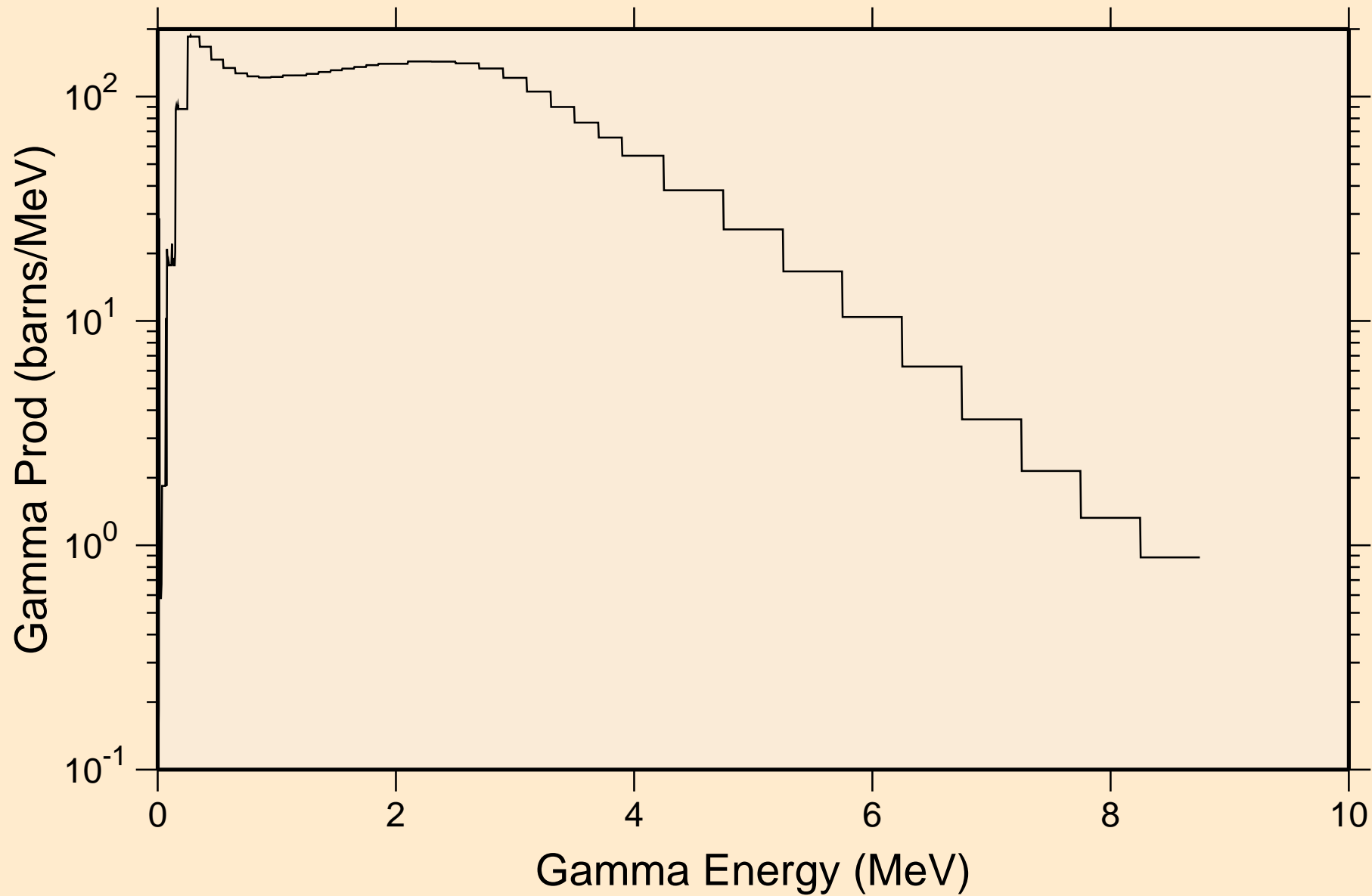
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



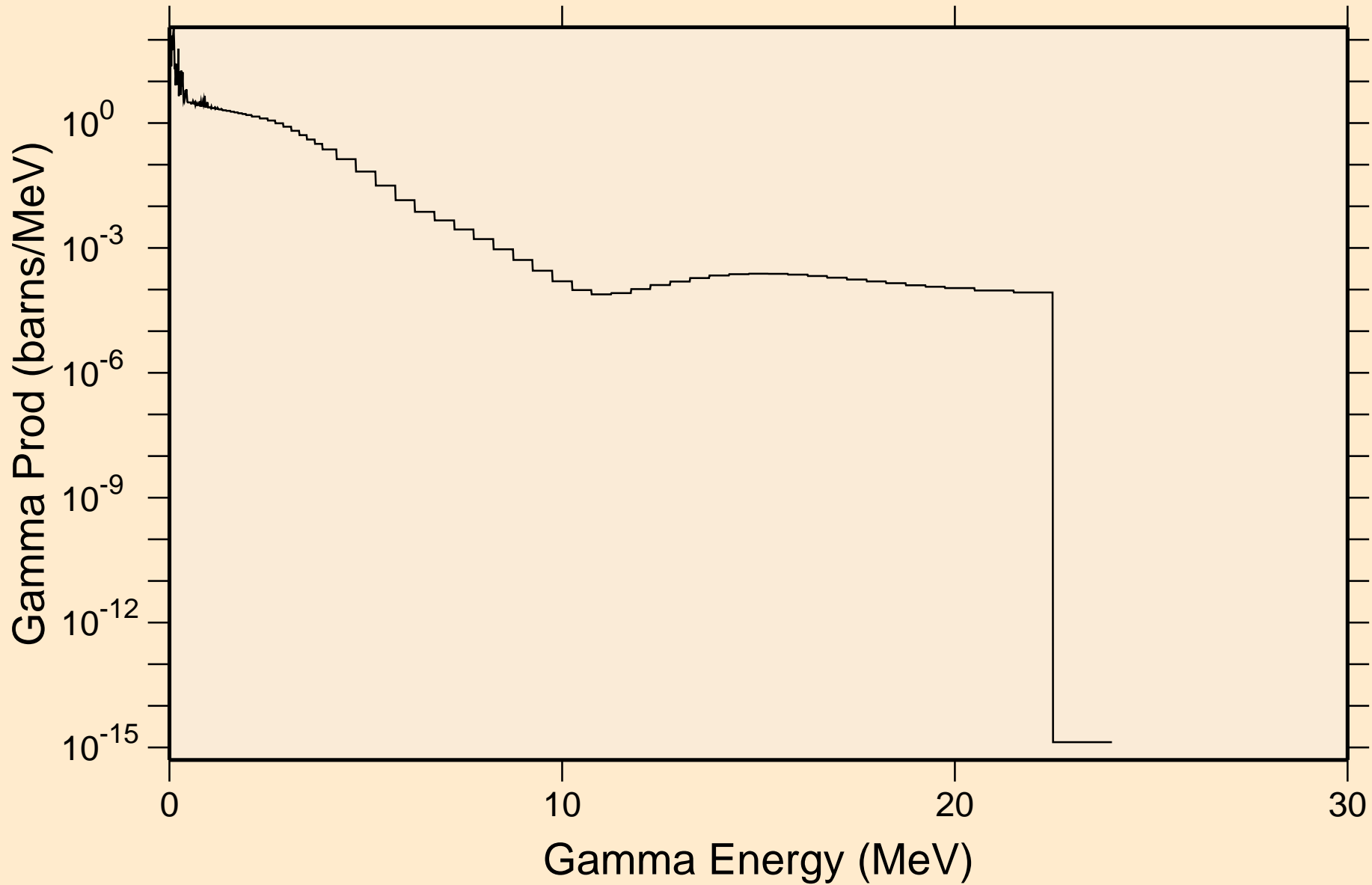
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

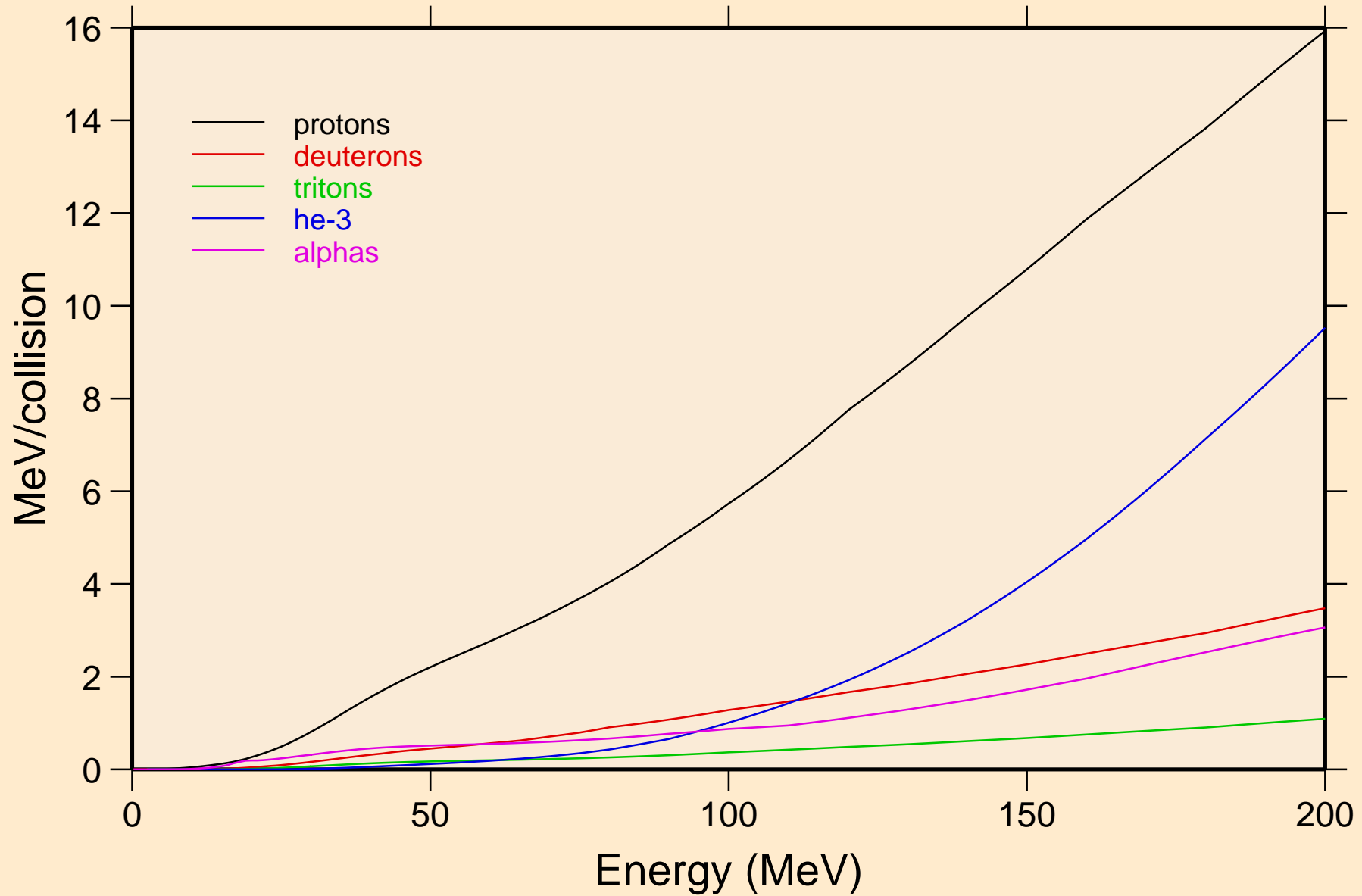


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

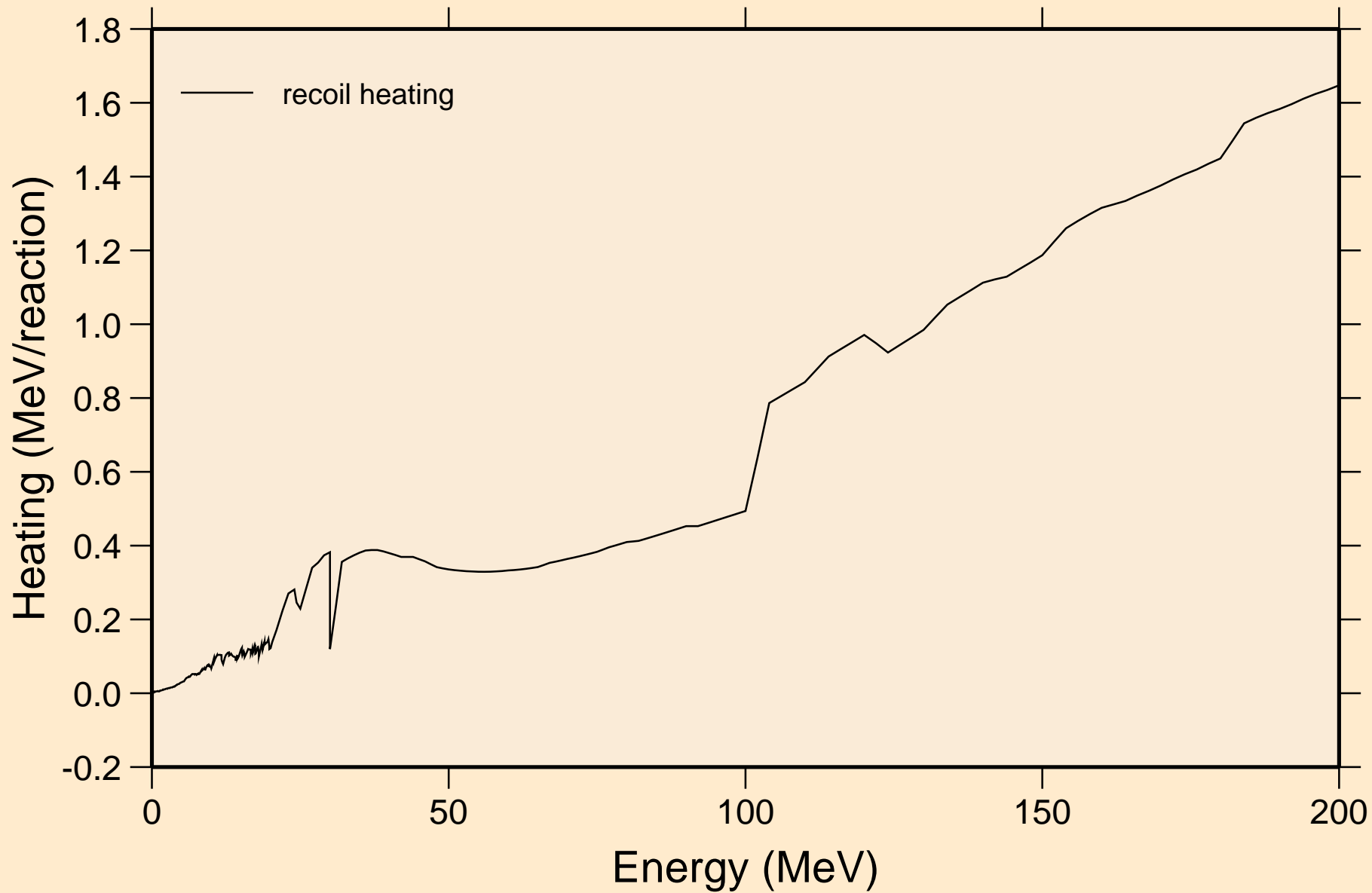


# TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

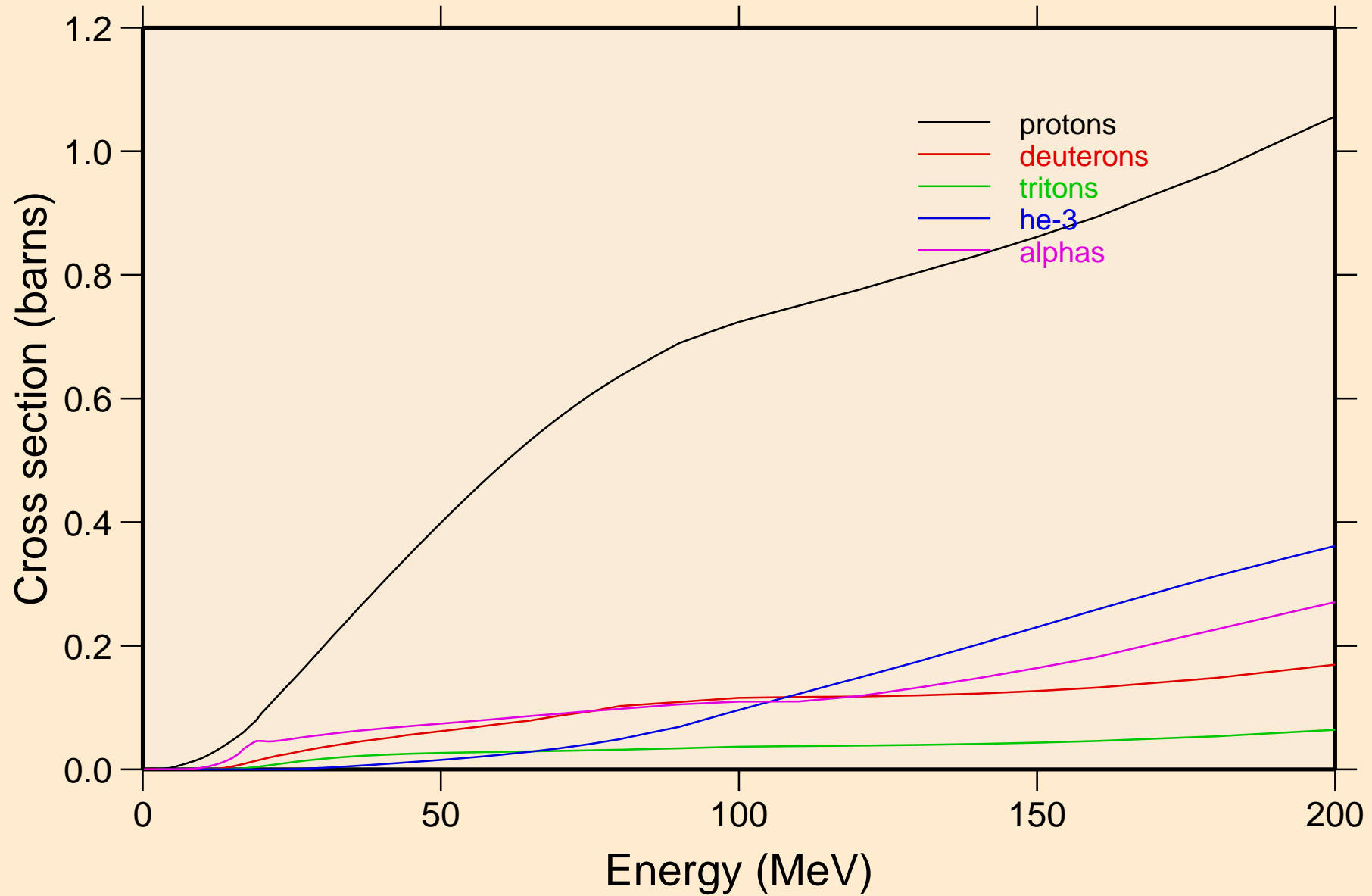


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

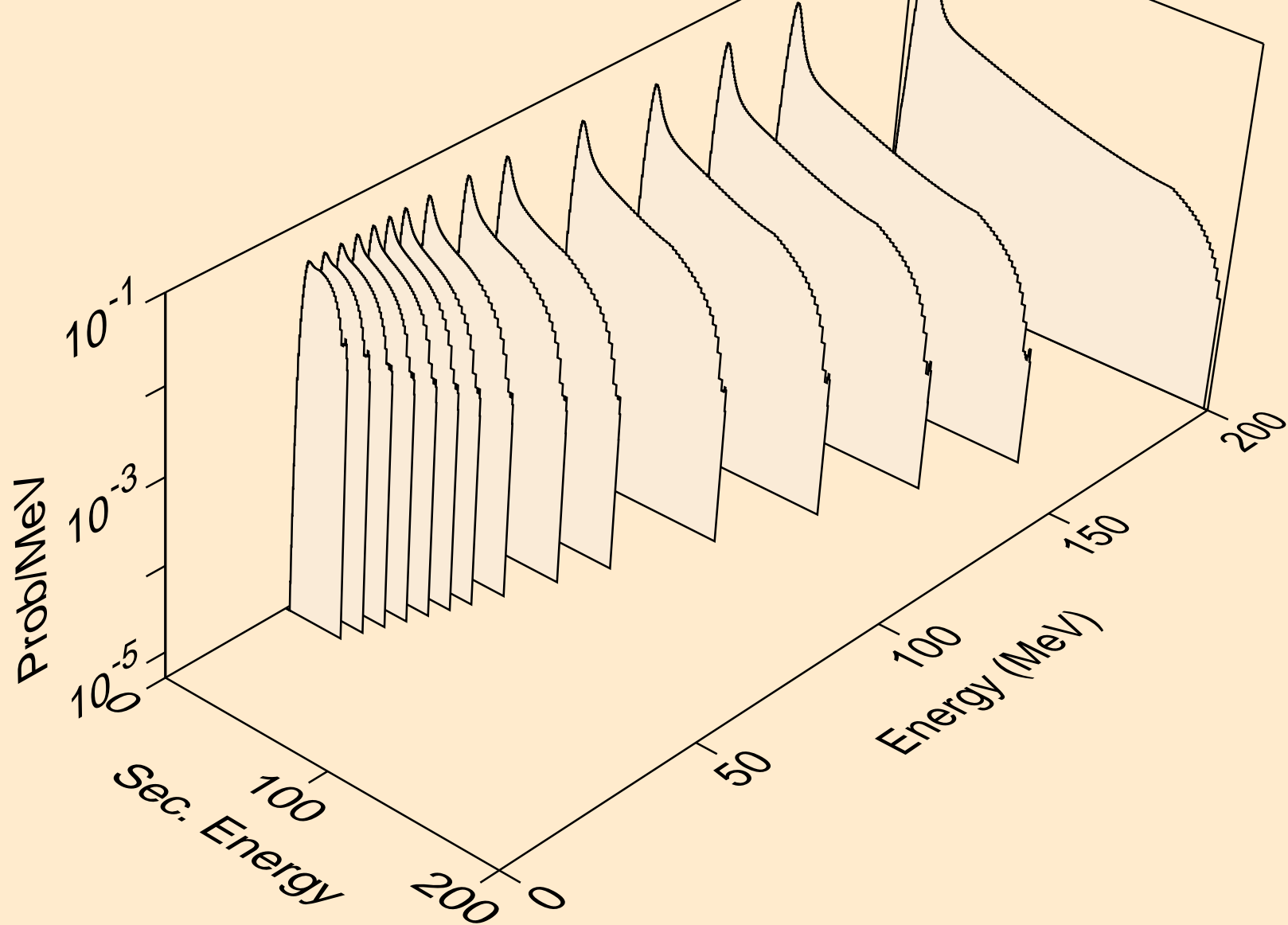




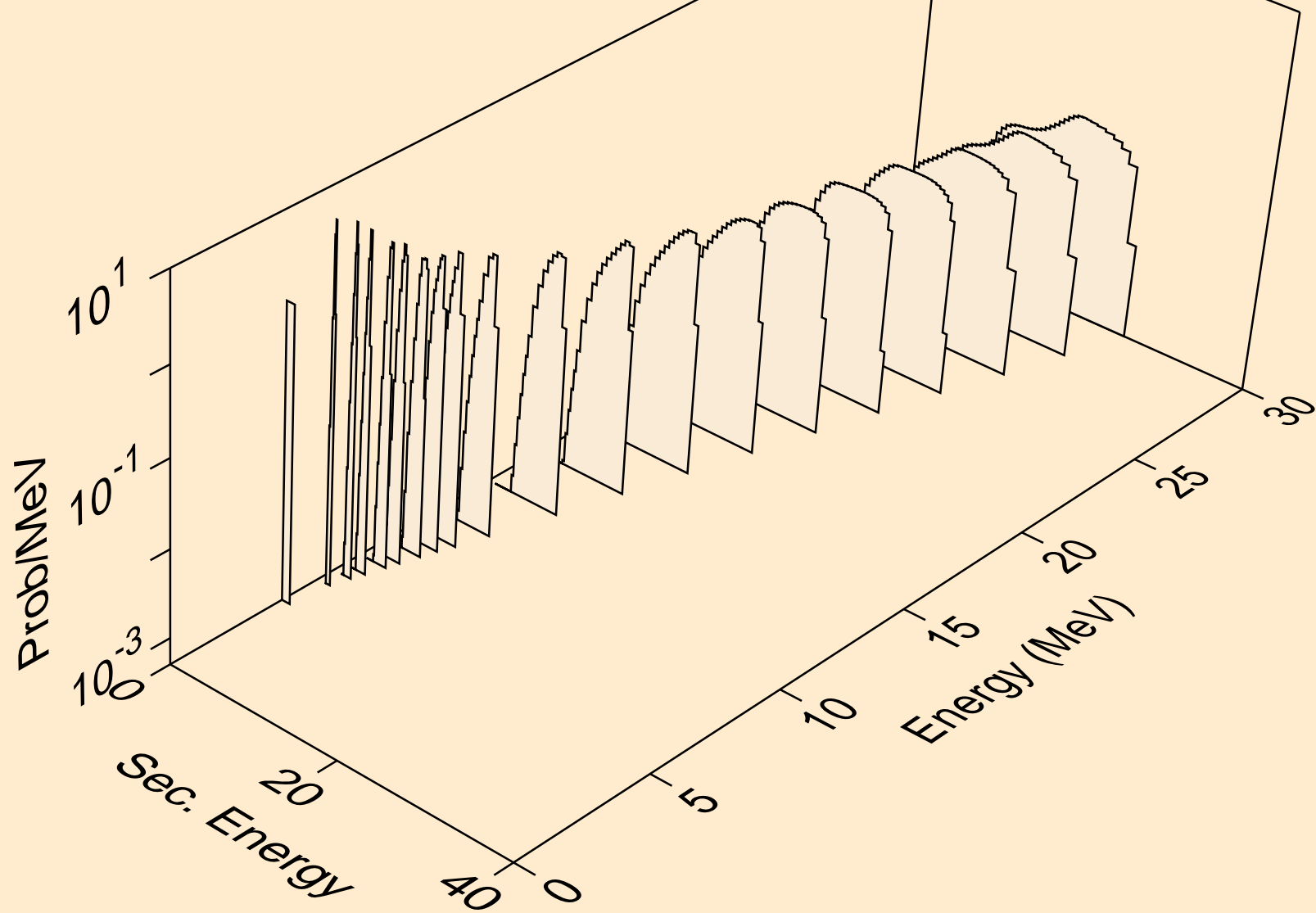
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



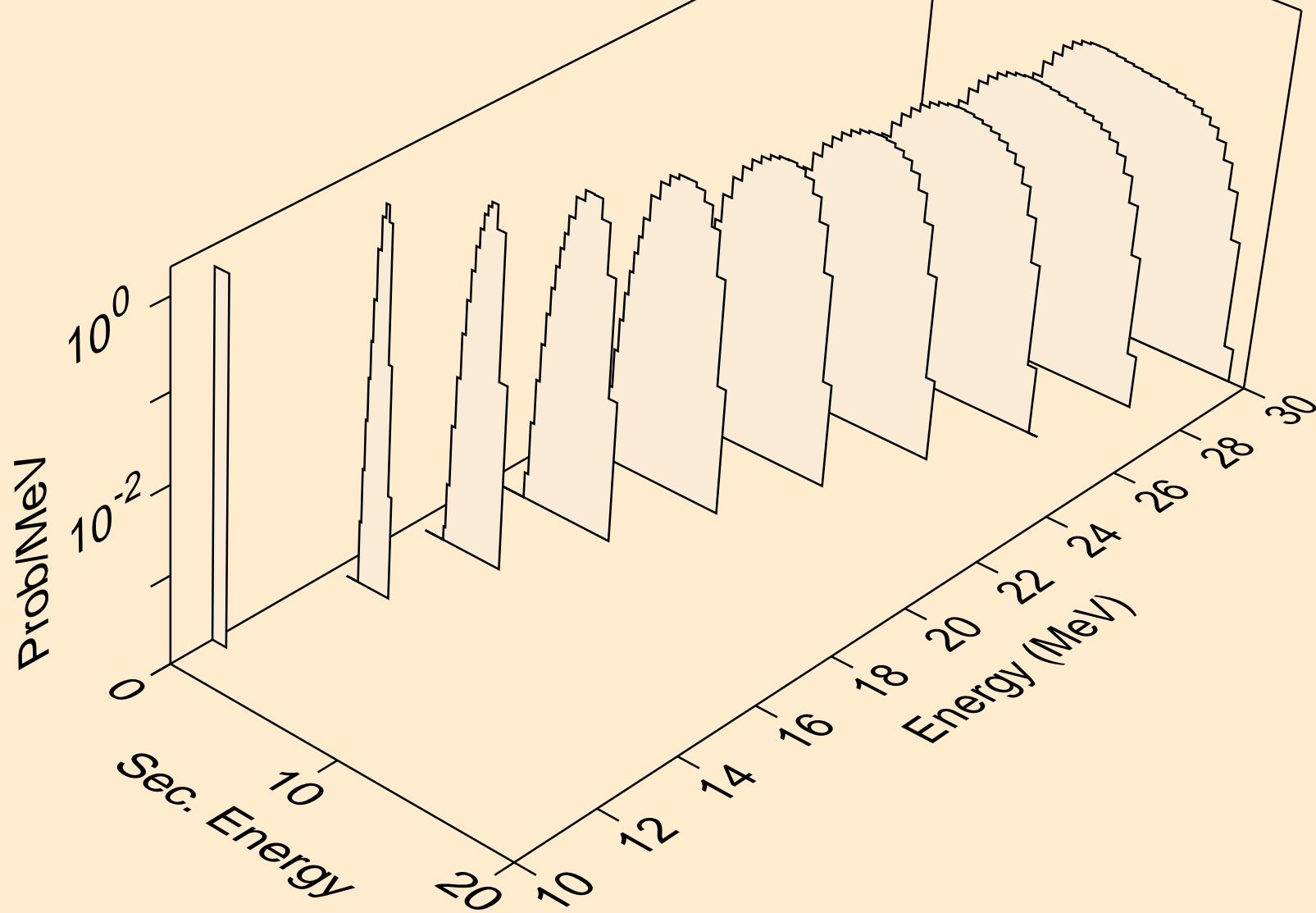
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



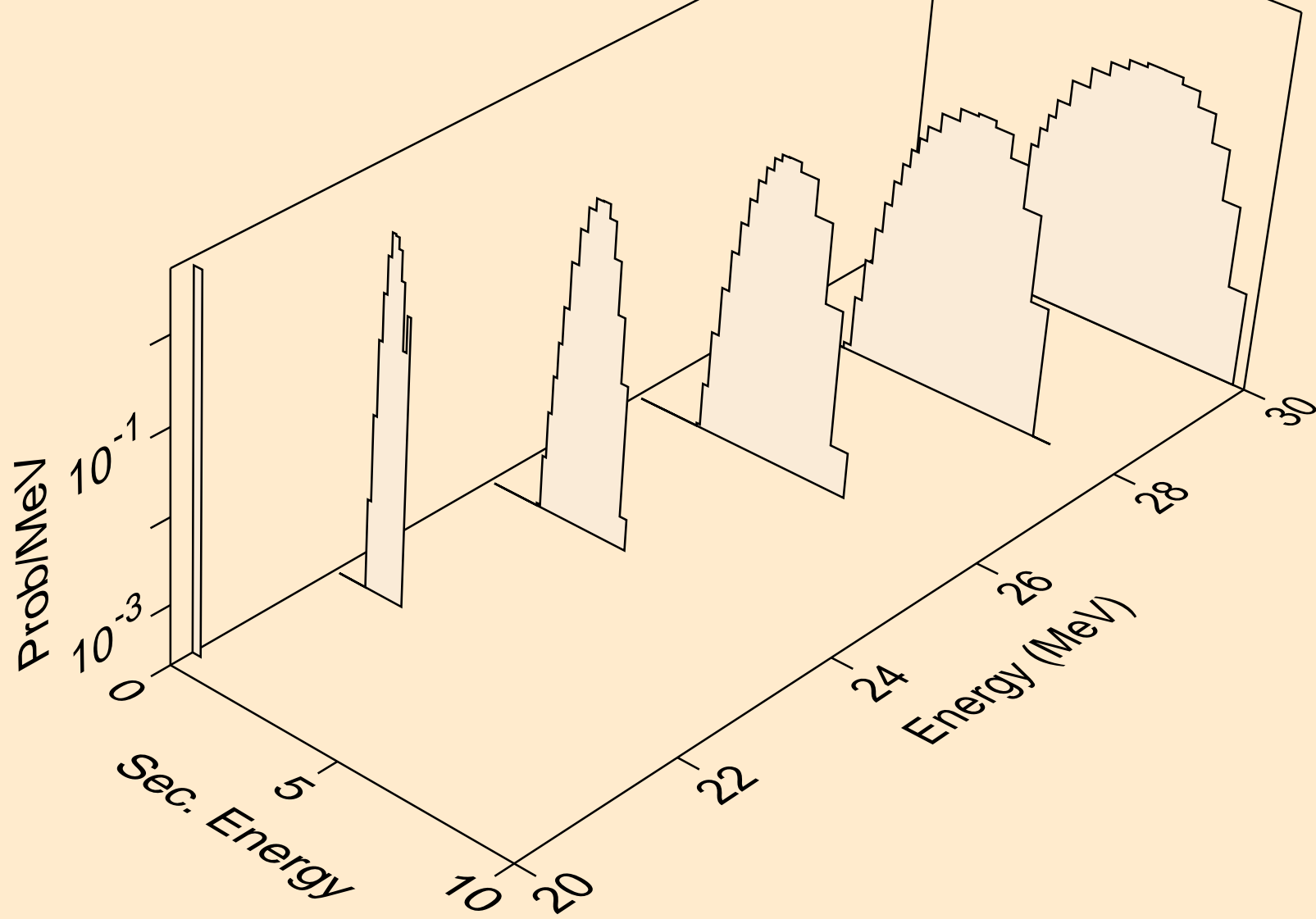
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



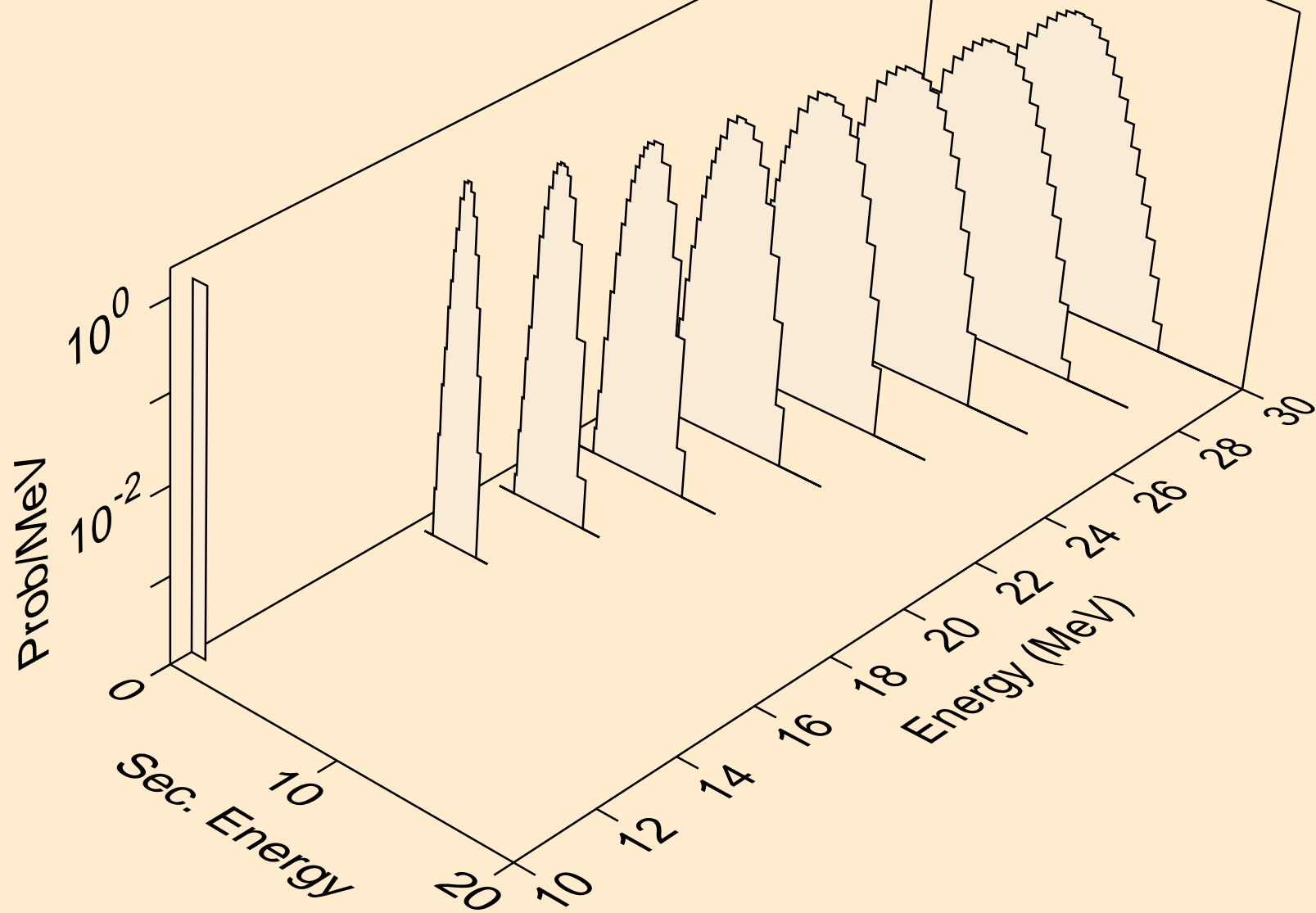
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



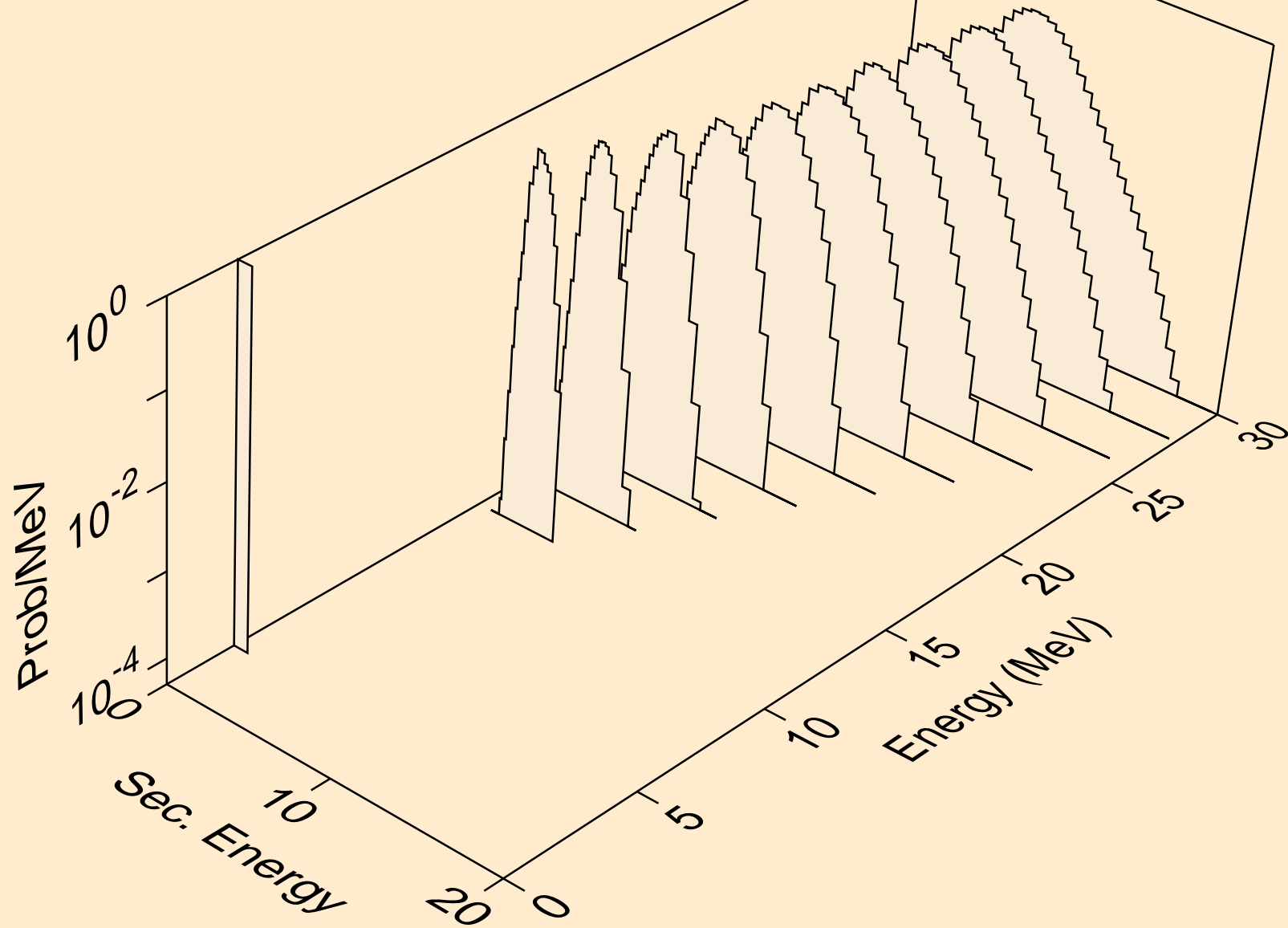
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



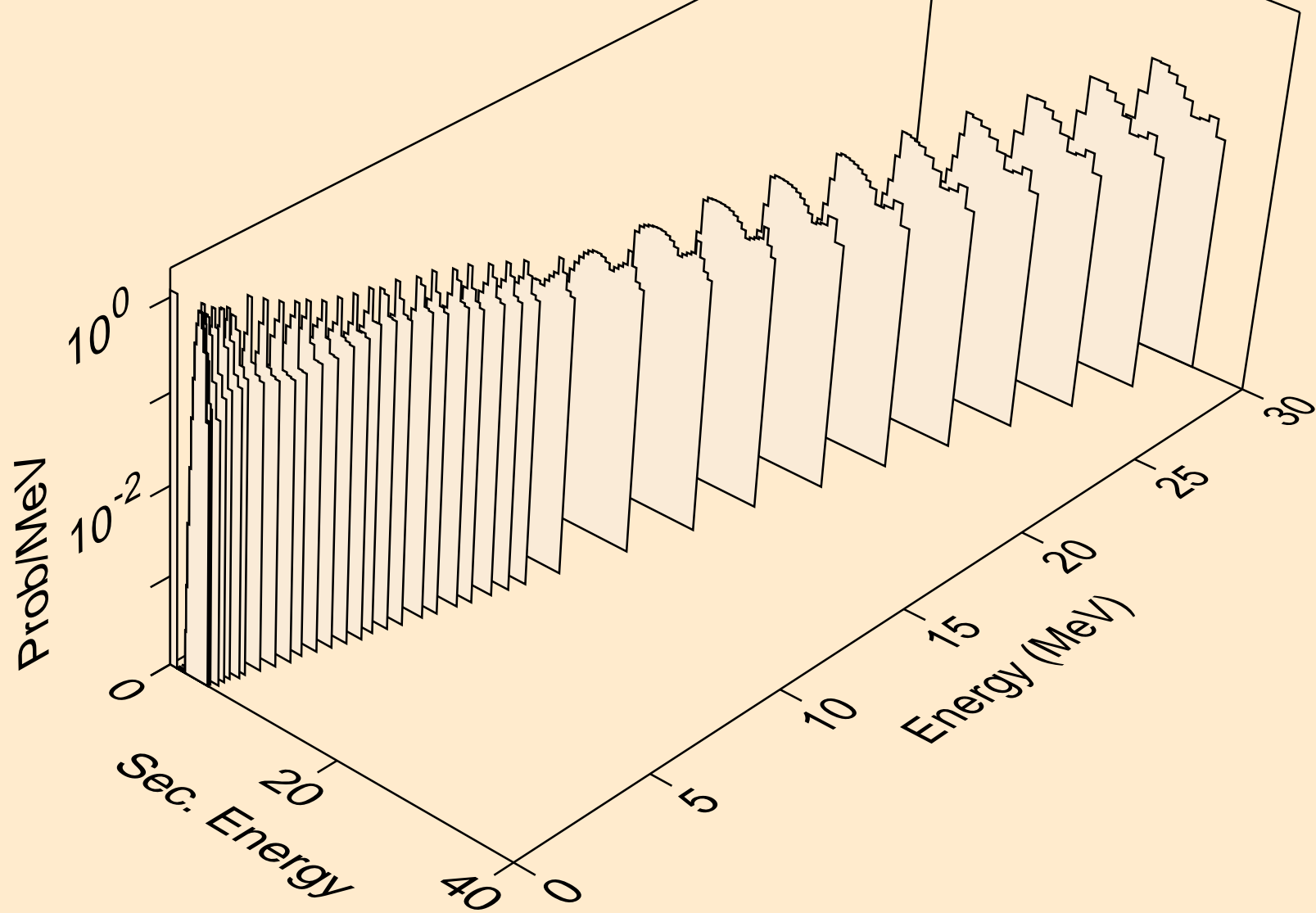
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n2p)



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,npa)

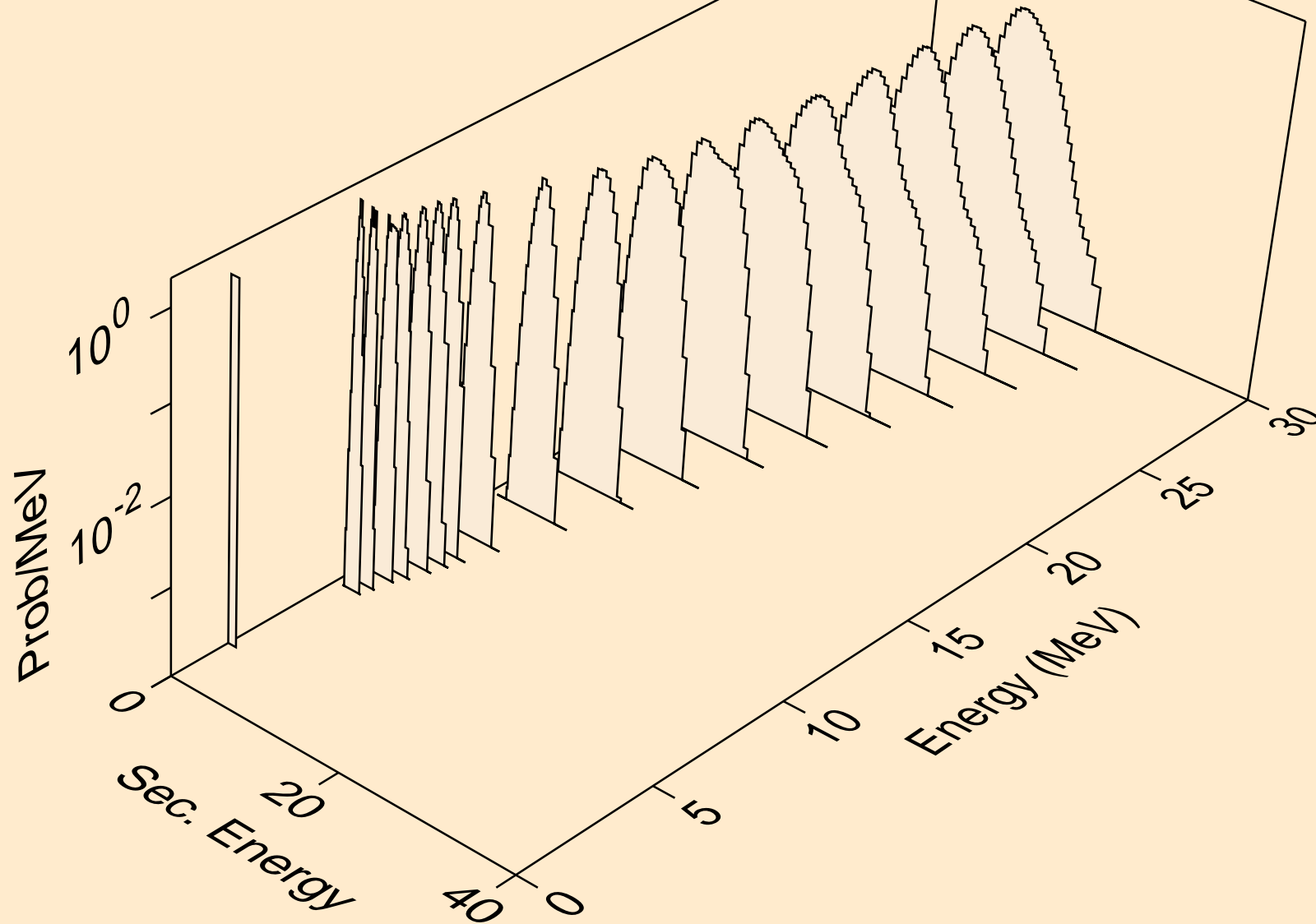


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

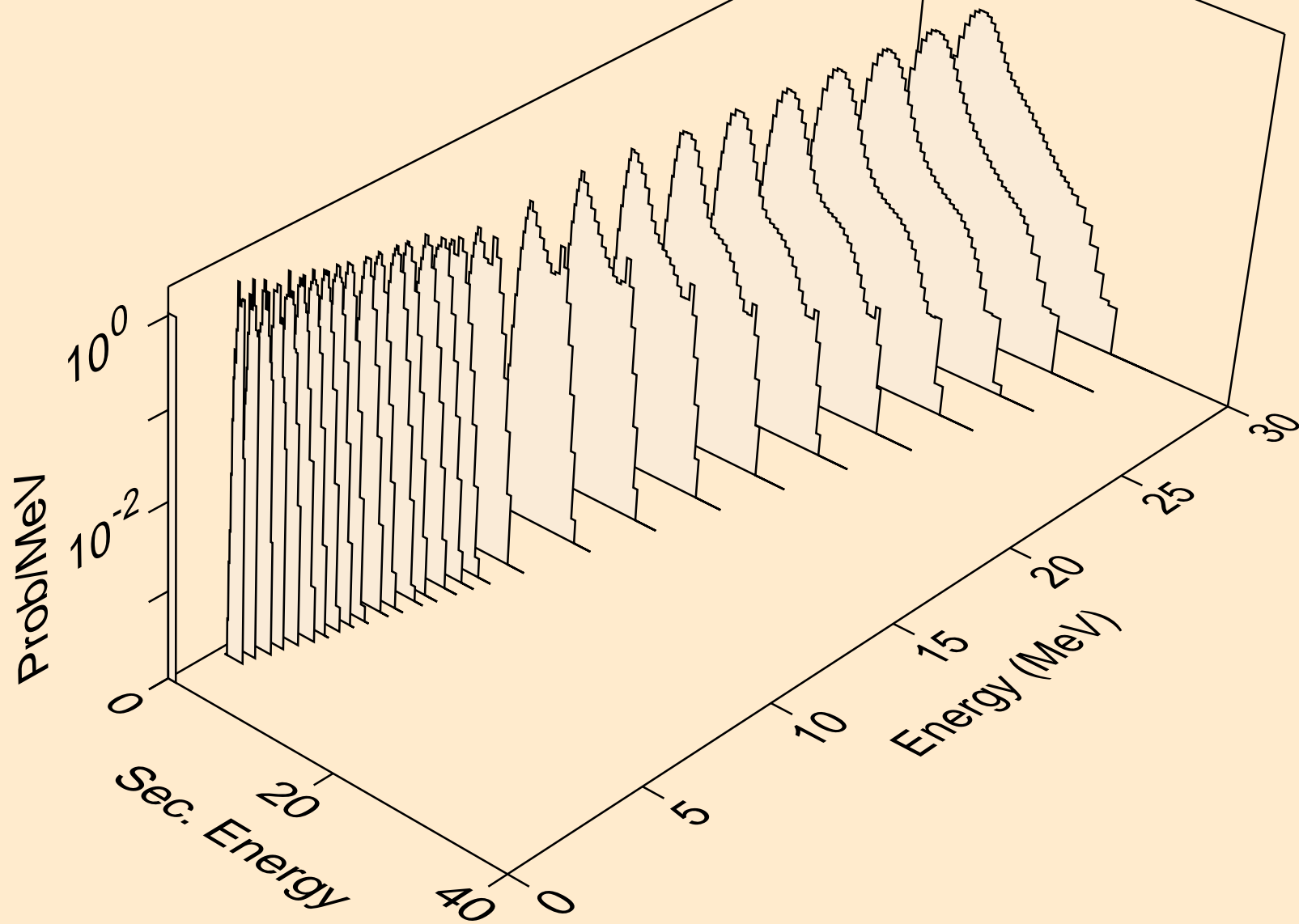




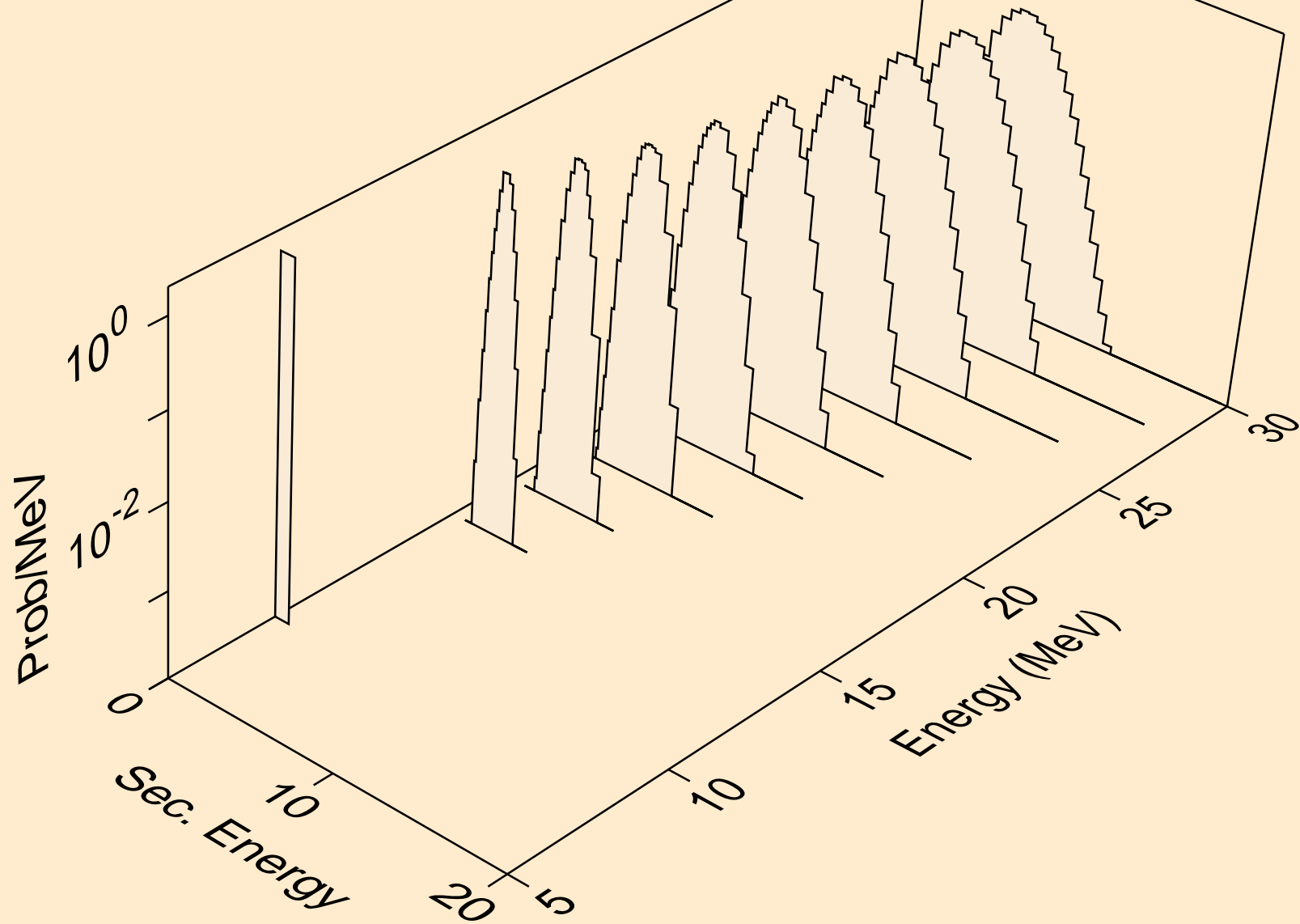
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



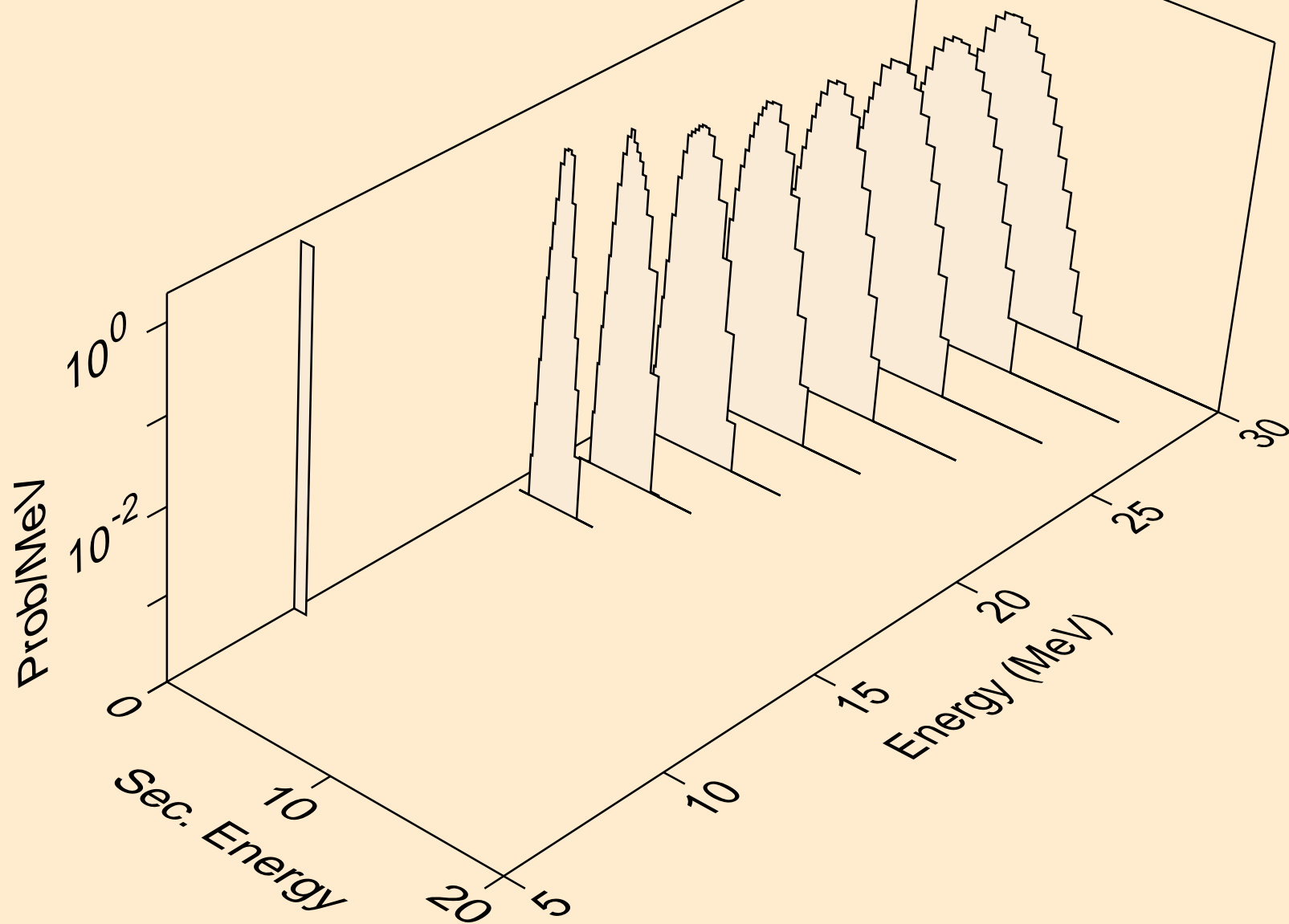
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



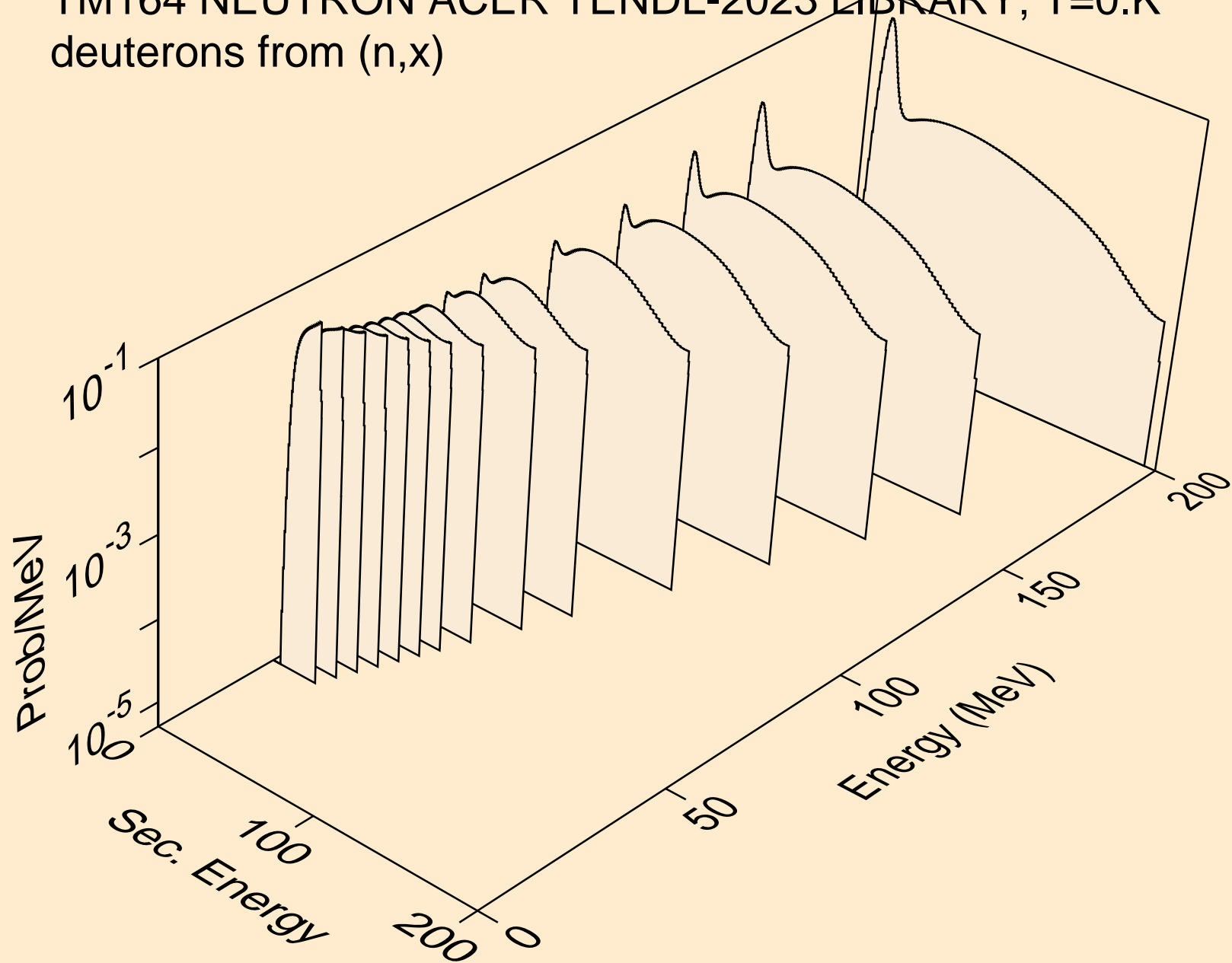
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



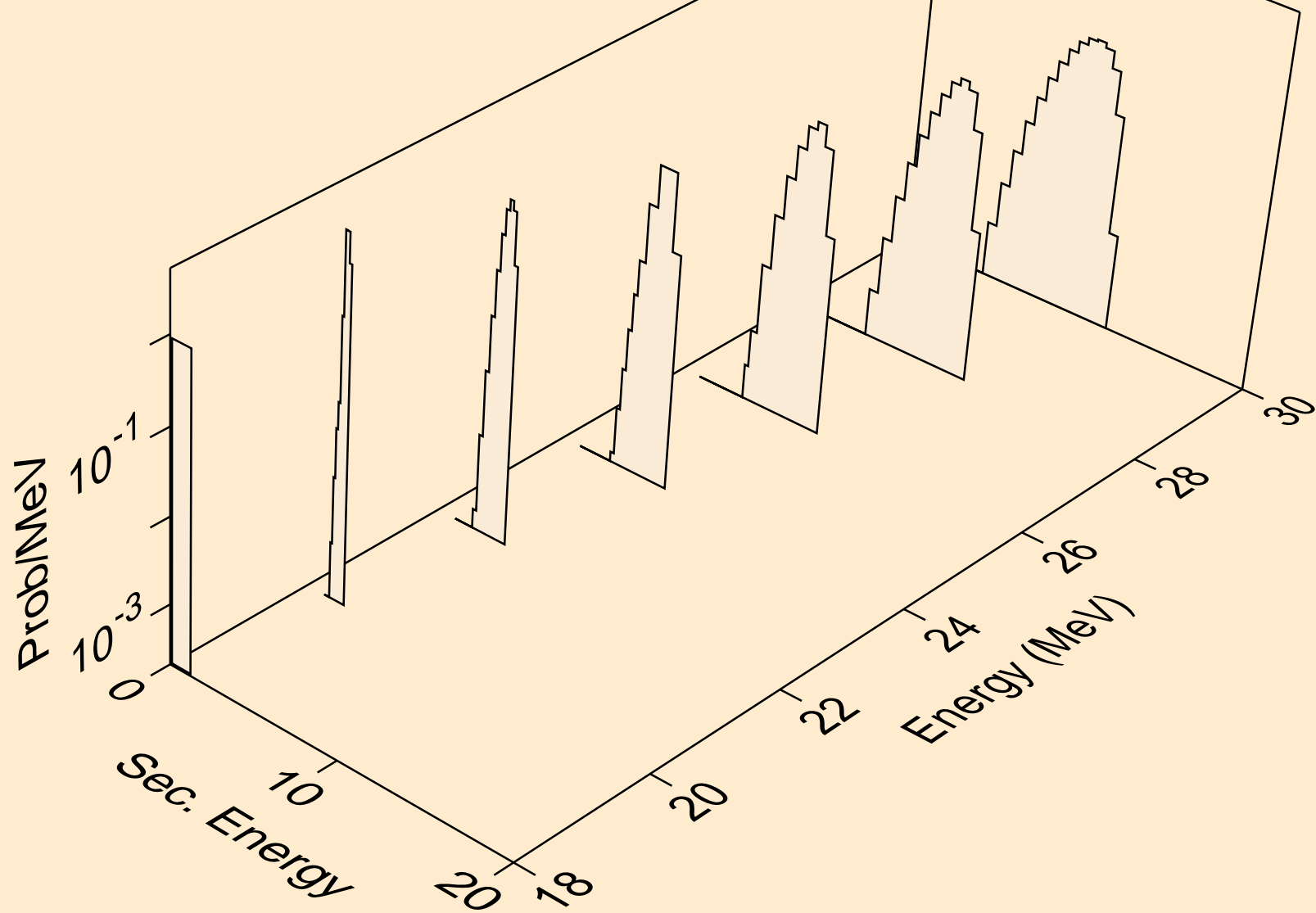
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)



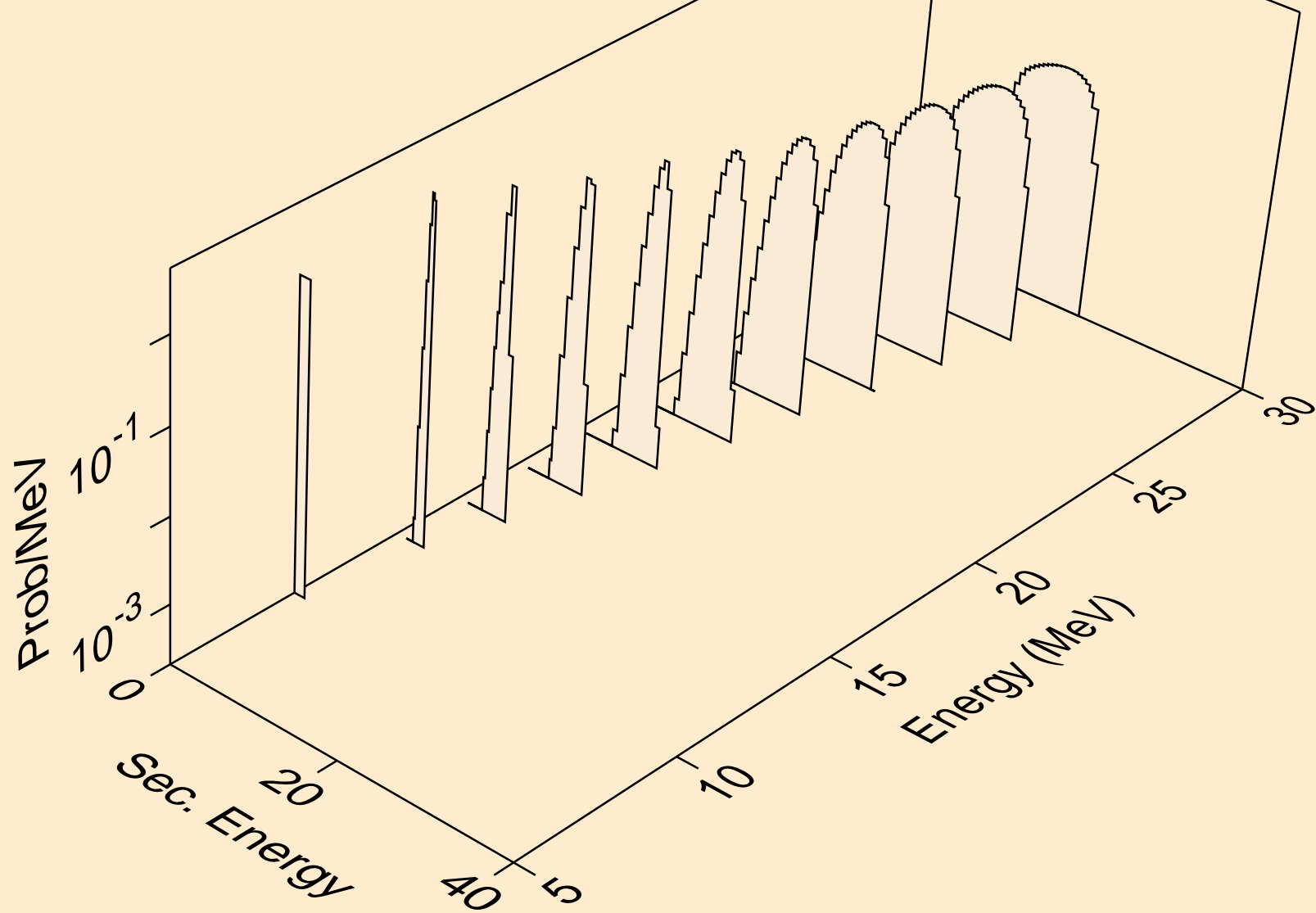
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



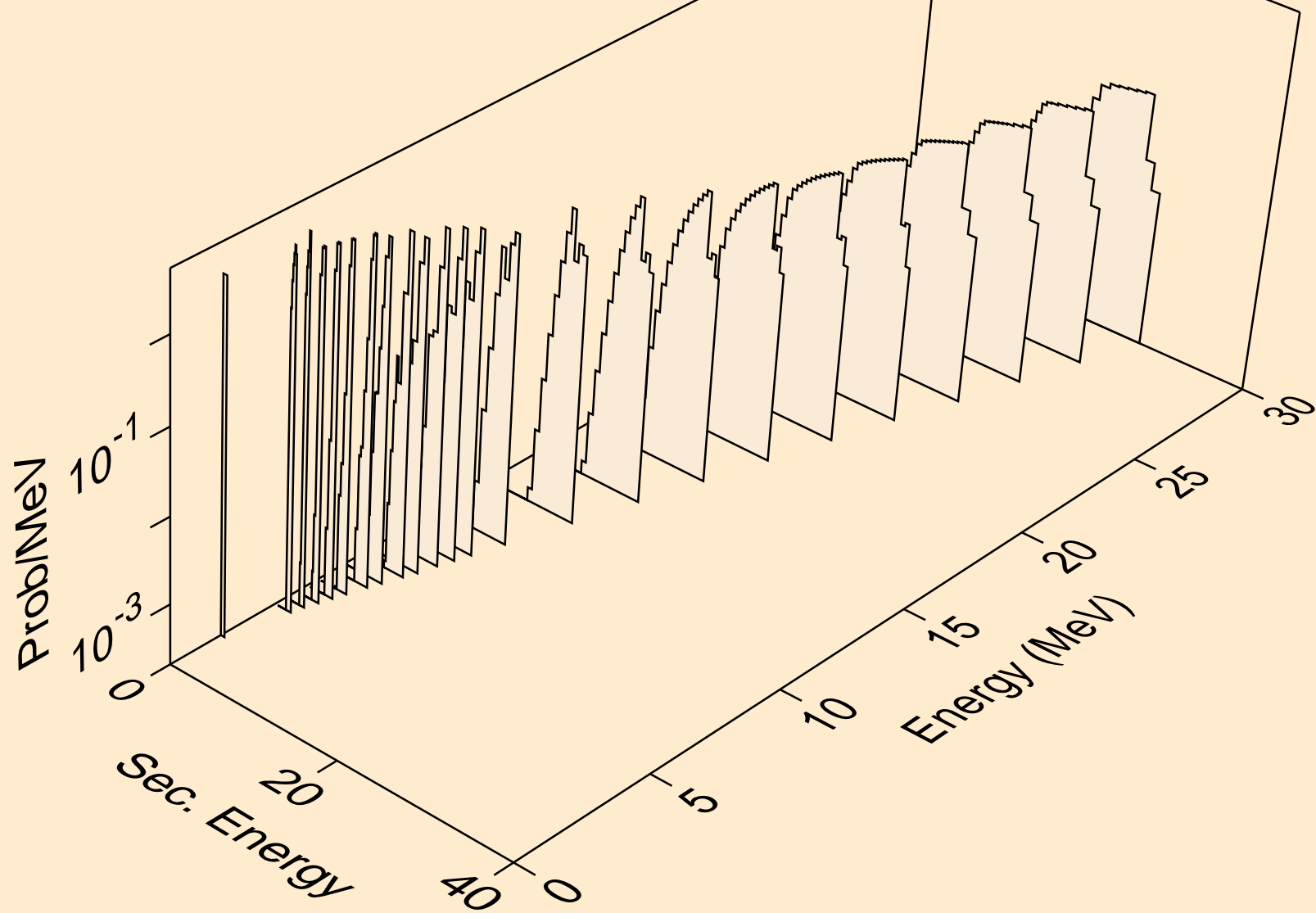
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d

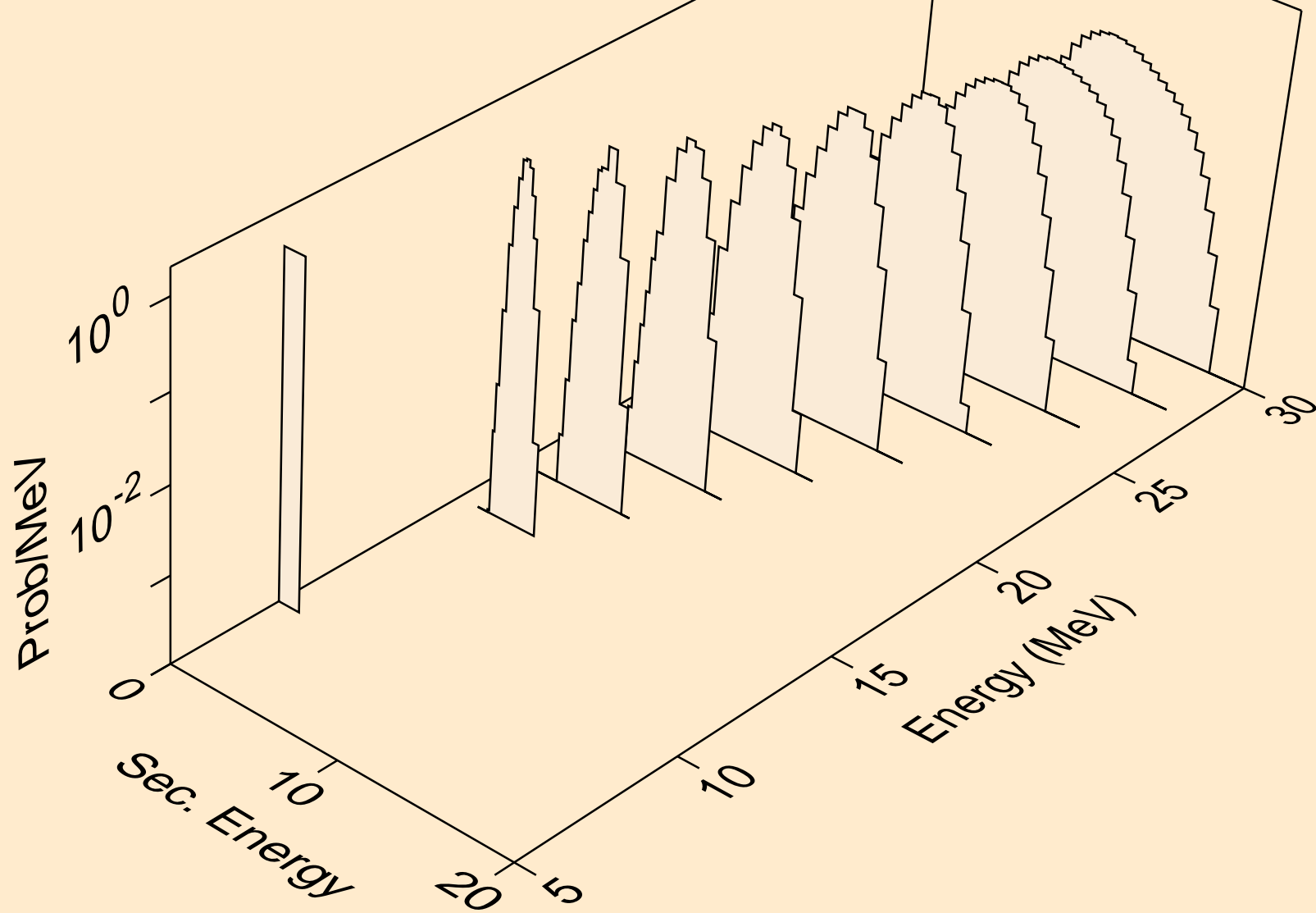


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)

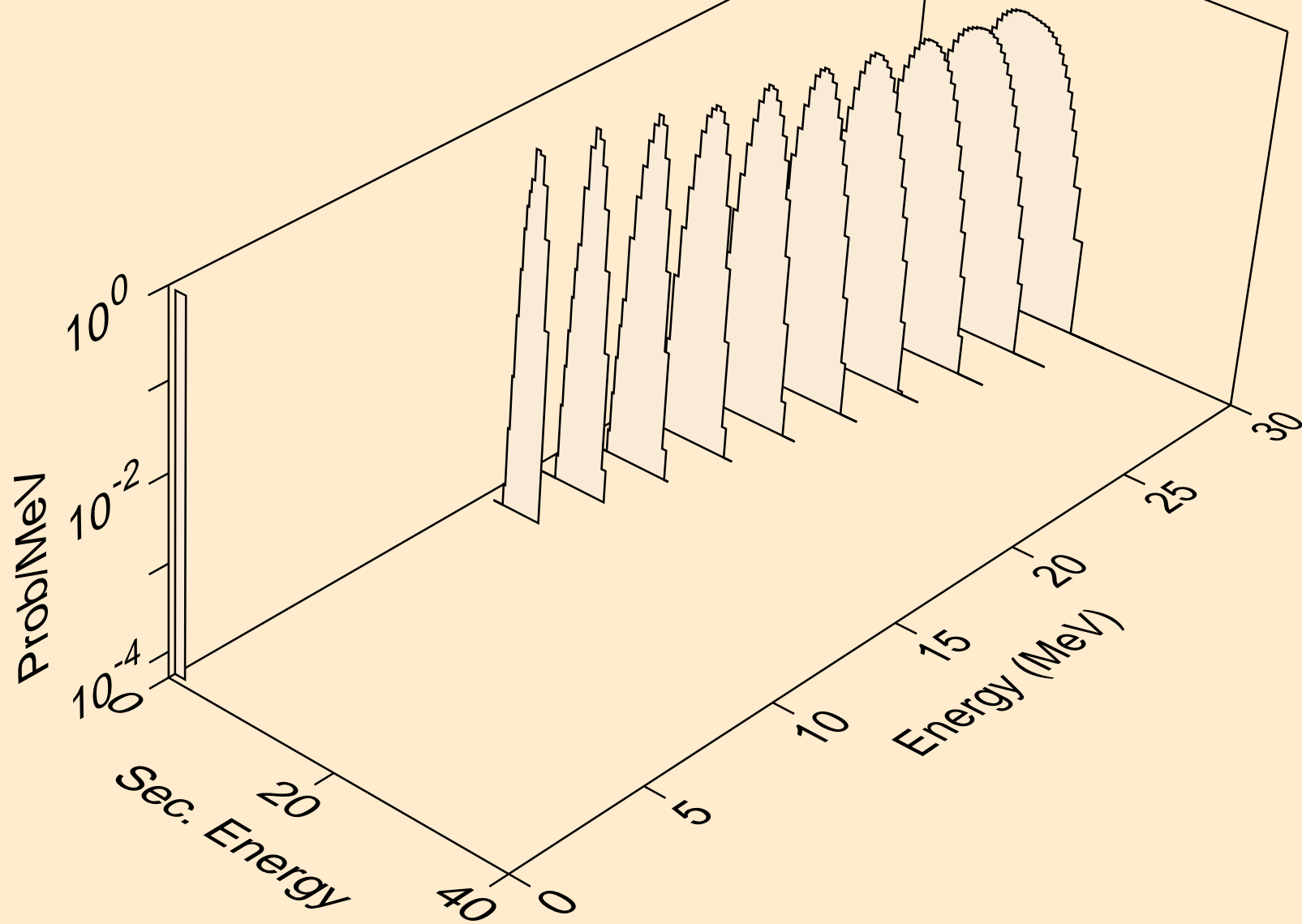




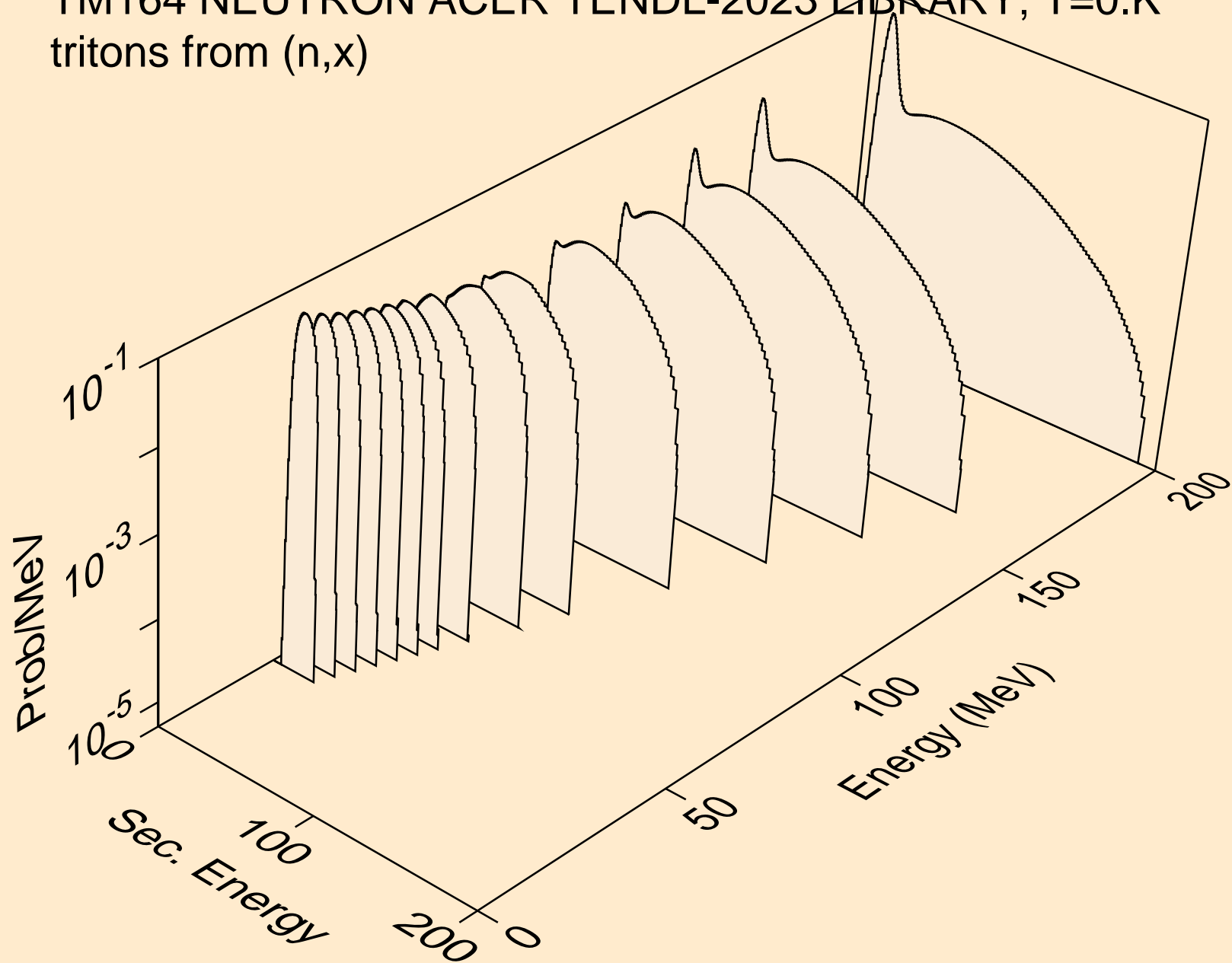
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



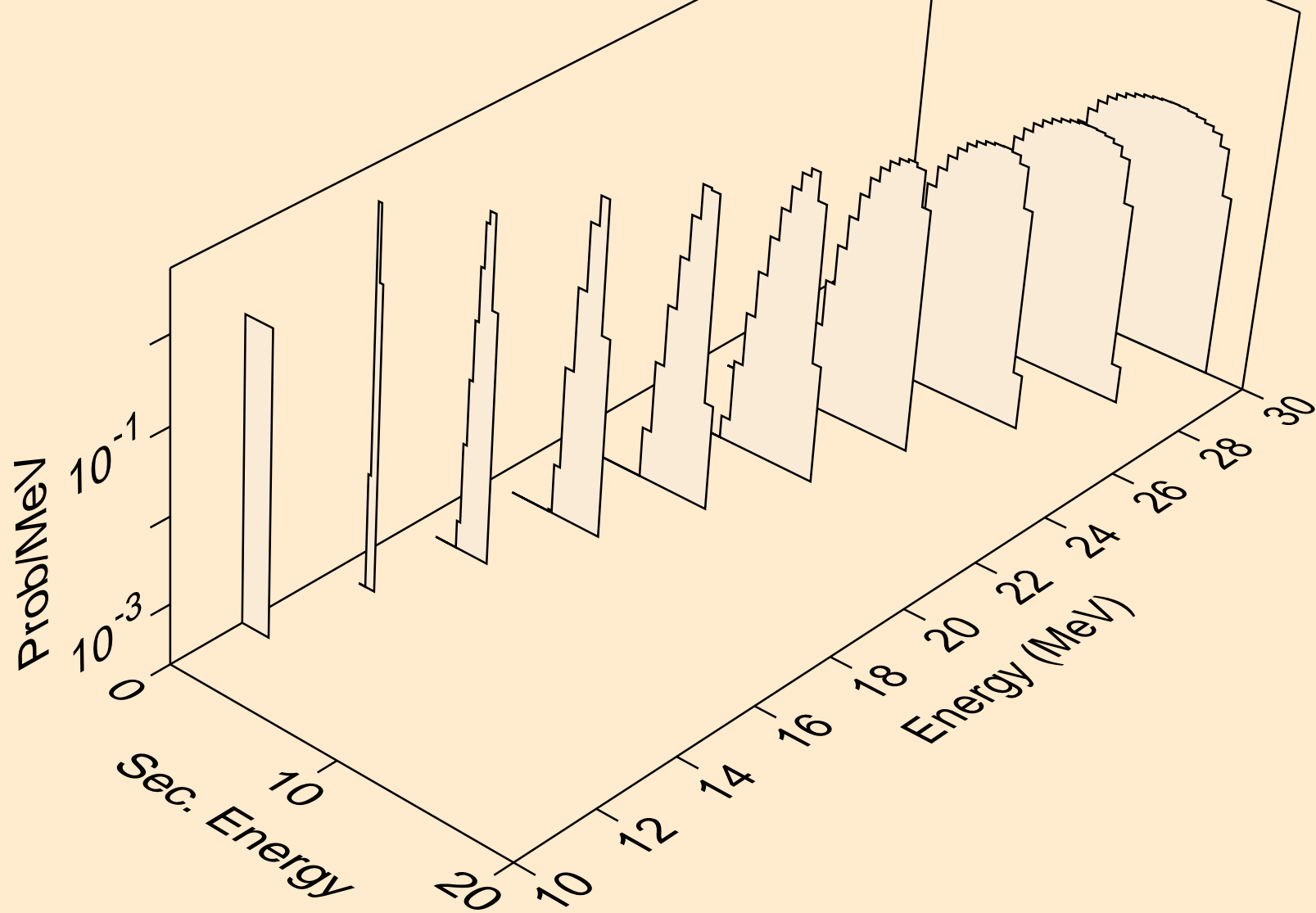
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



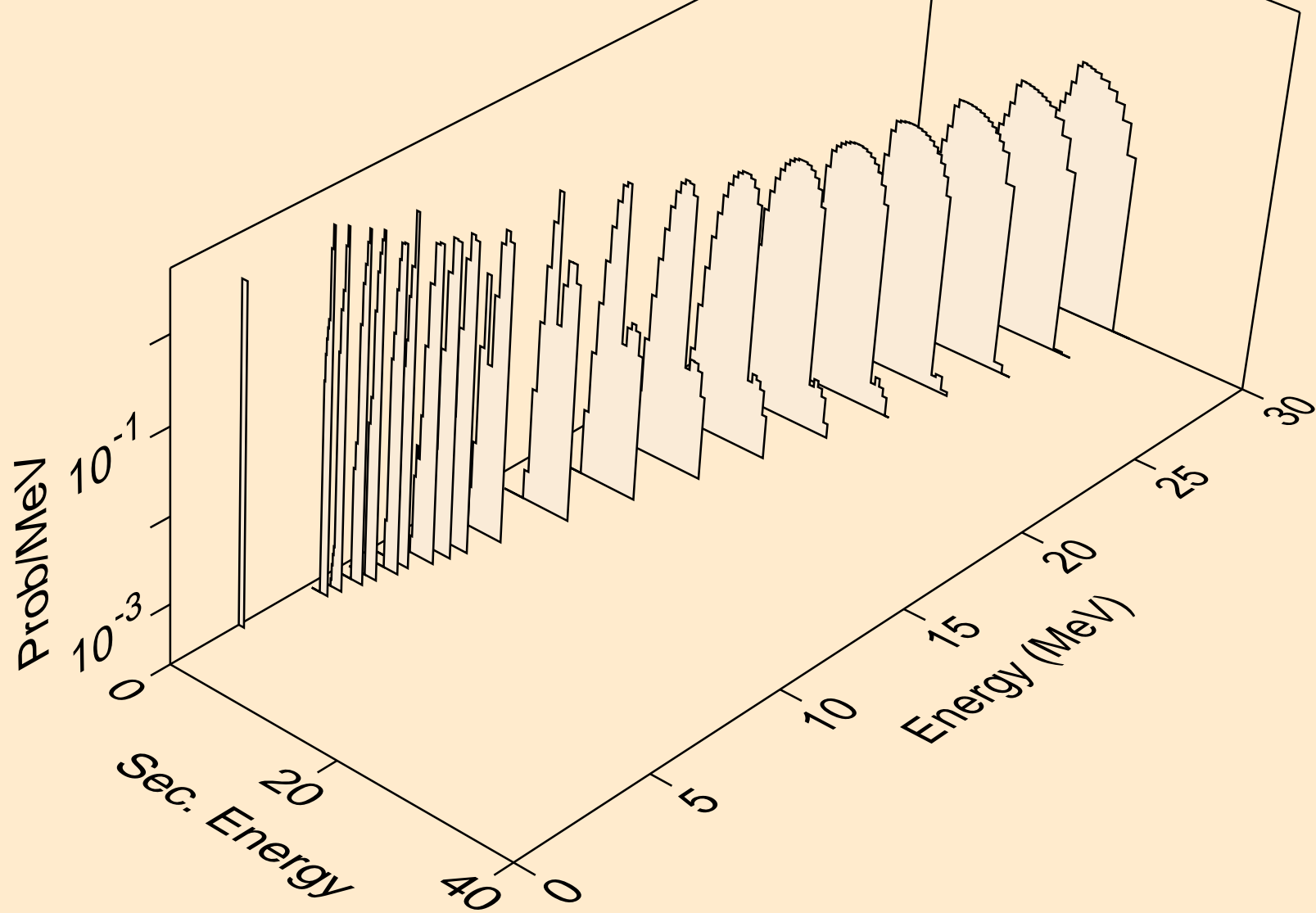
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



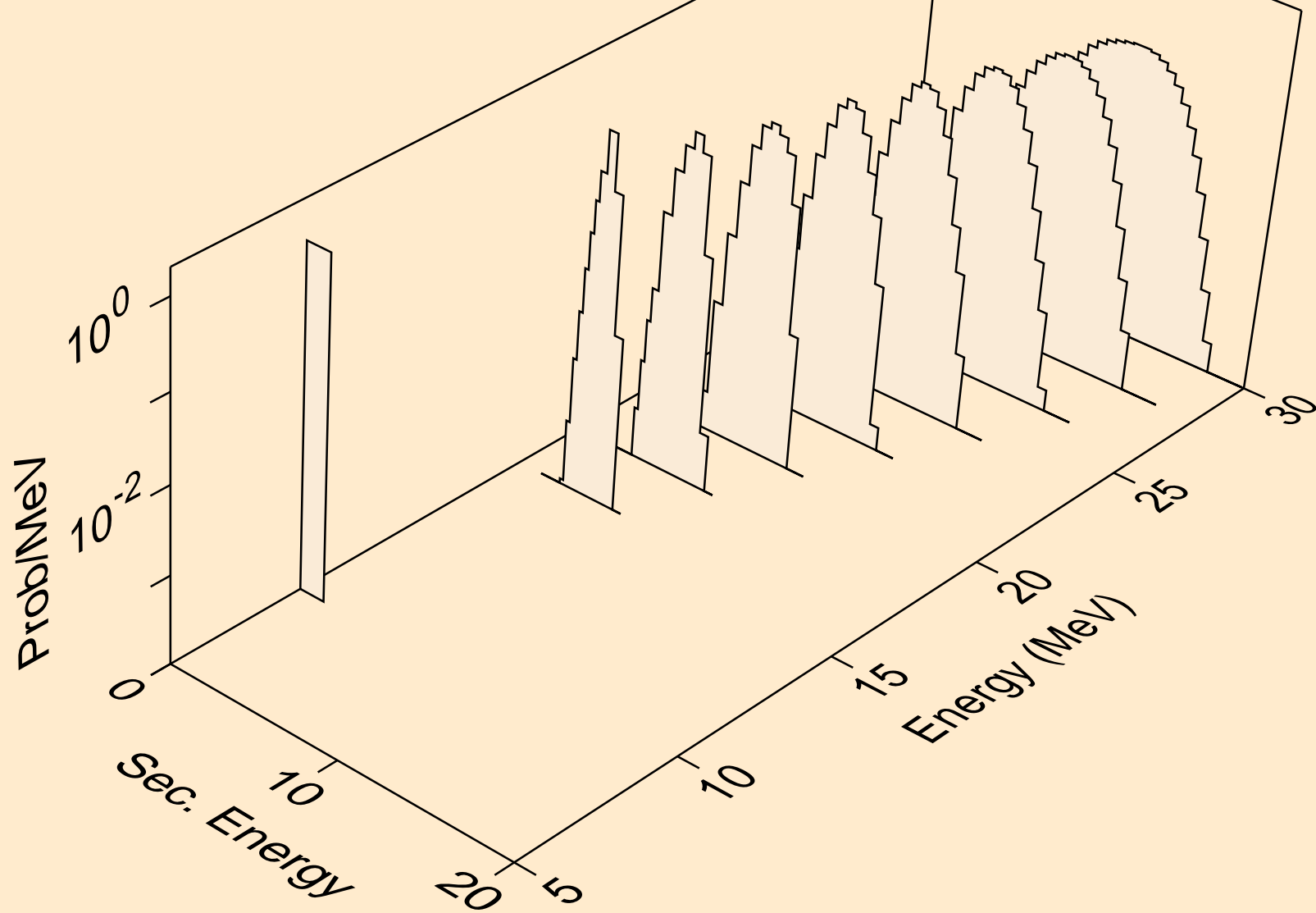
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



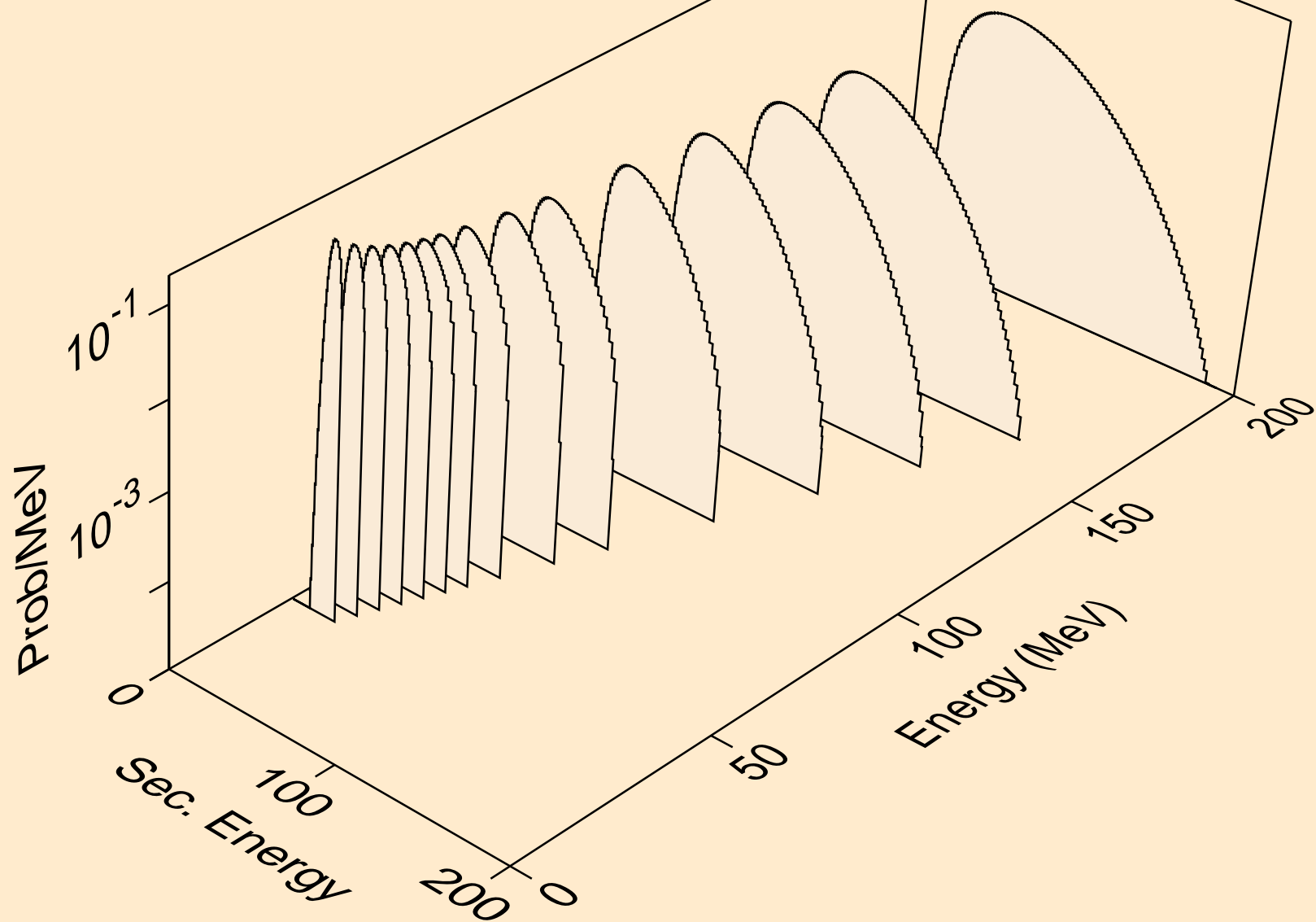
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



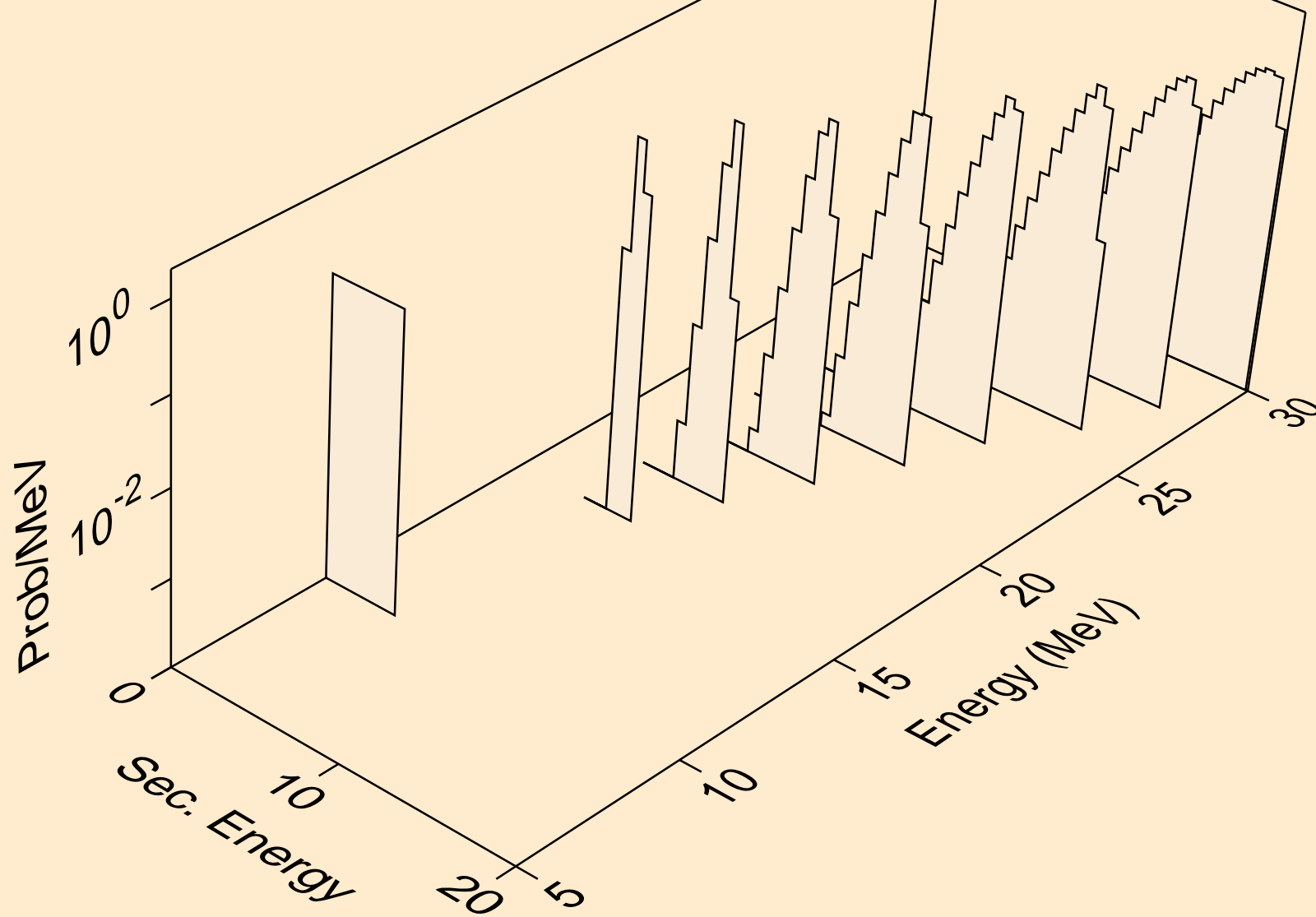
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

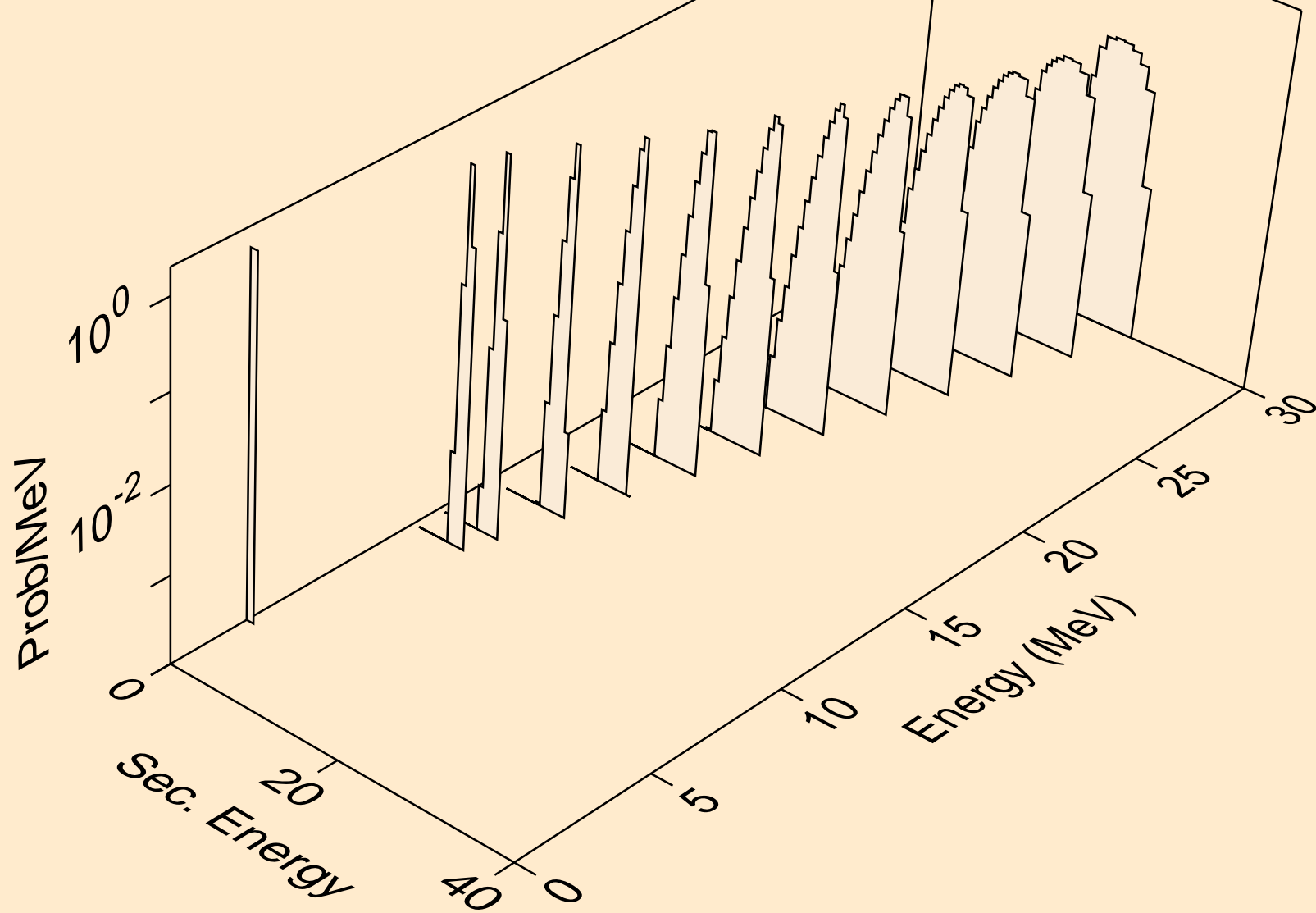


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3

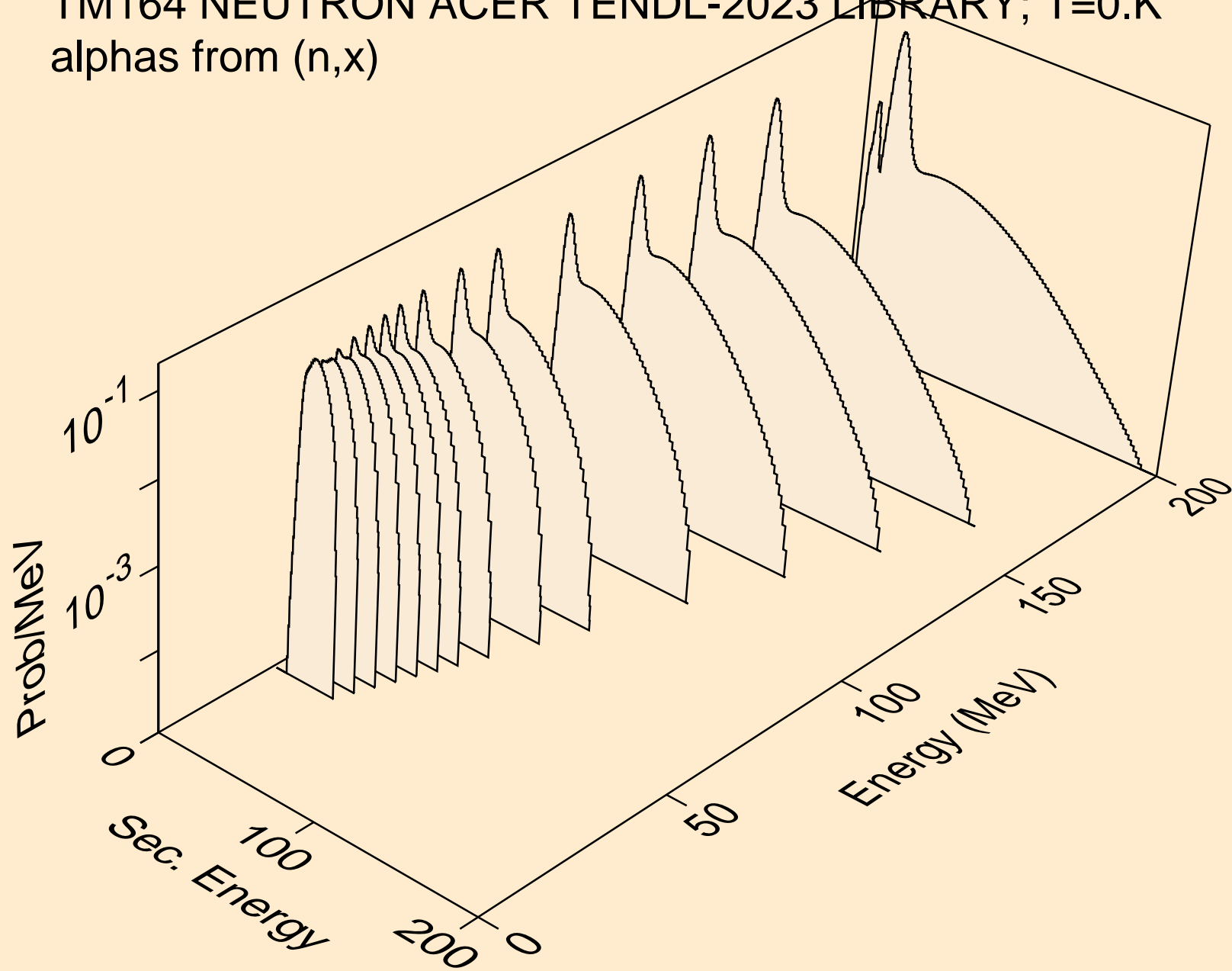




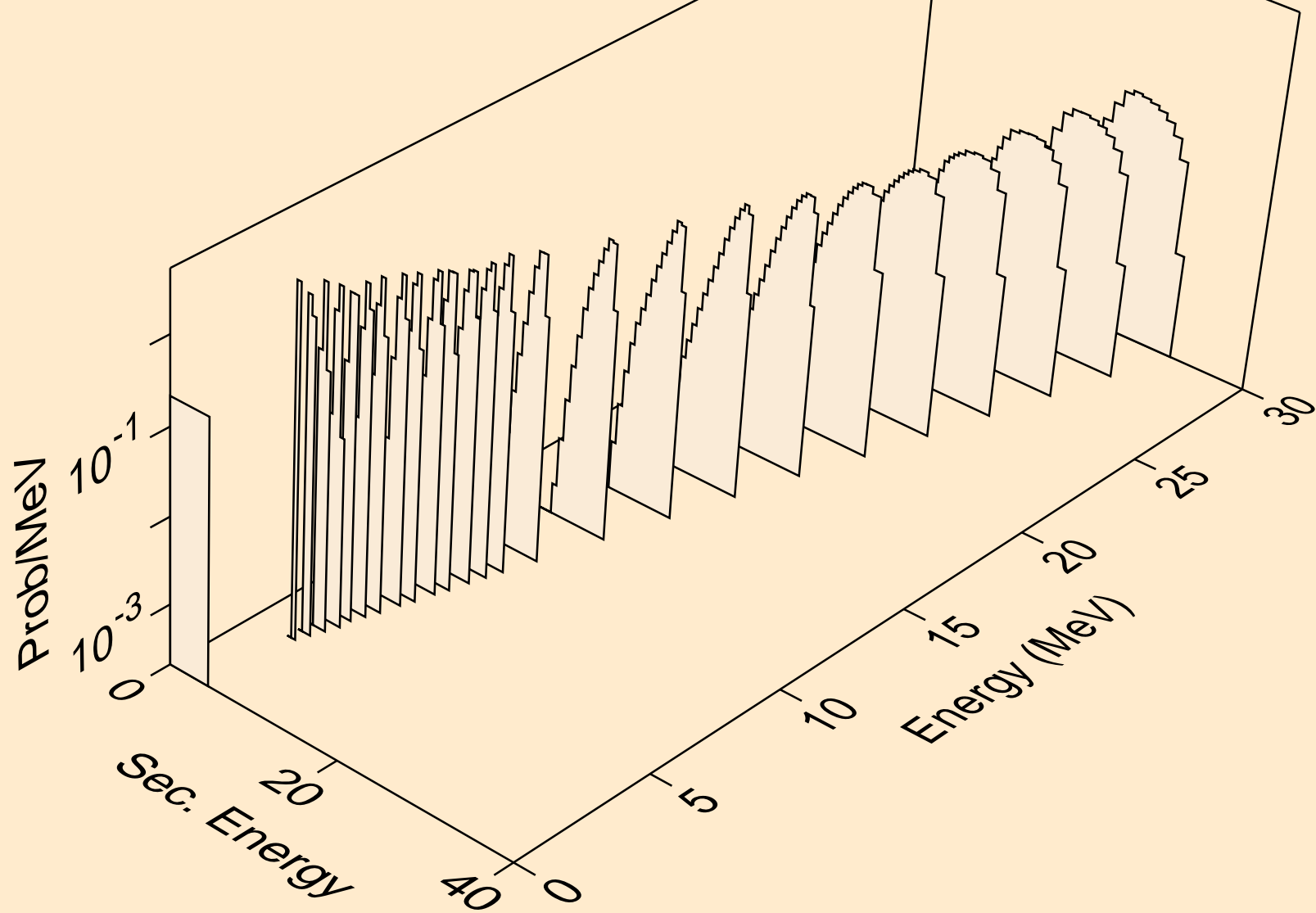
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



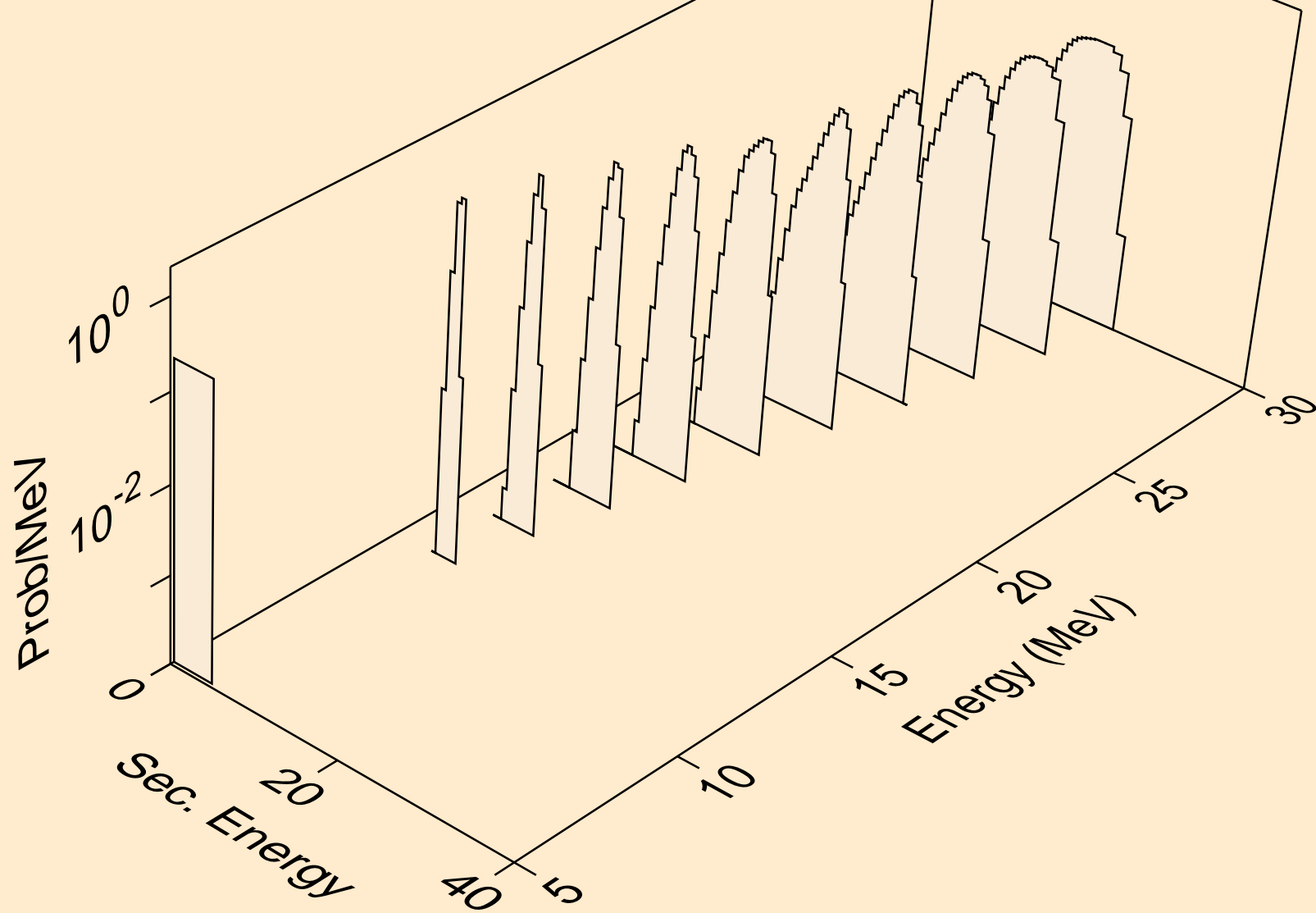
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



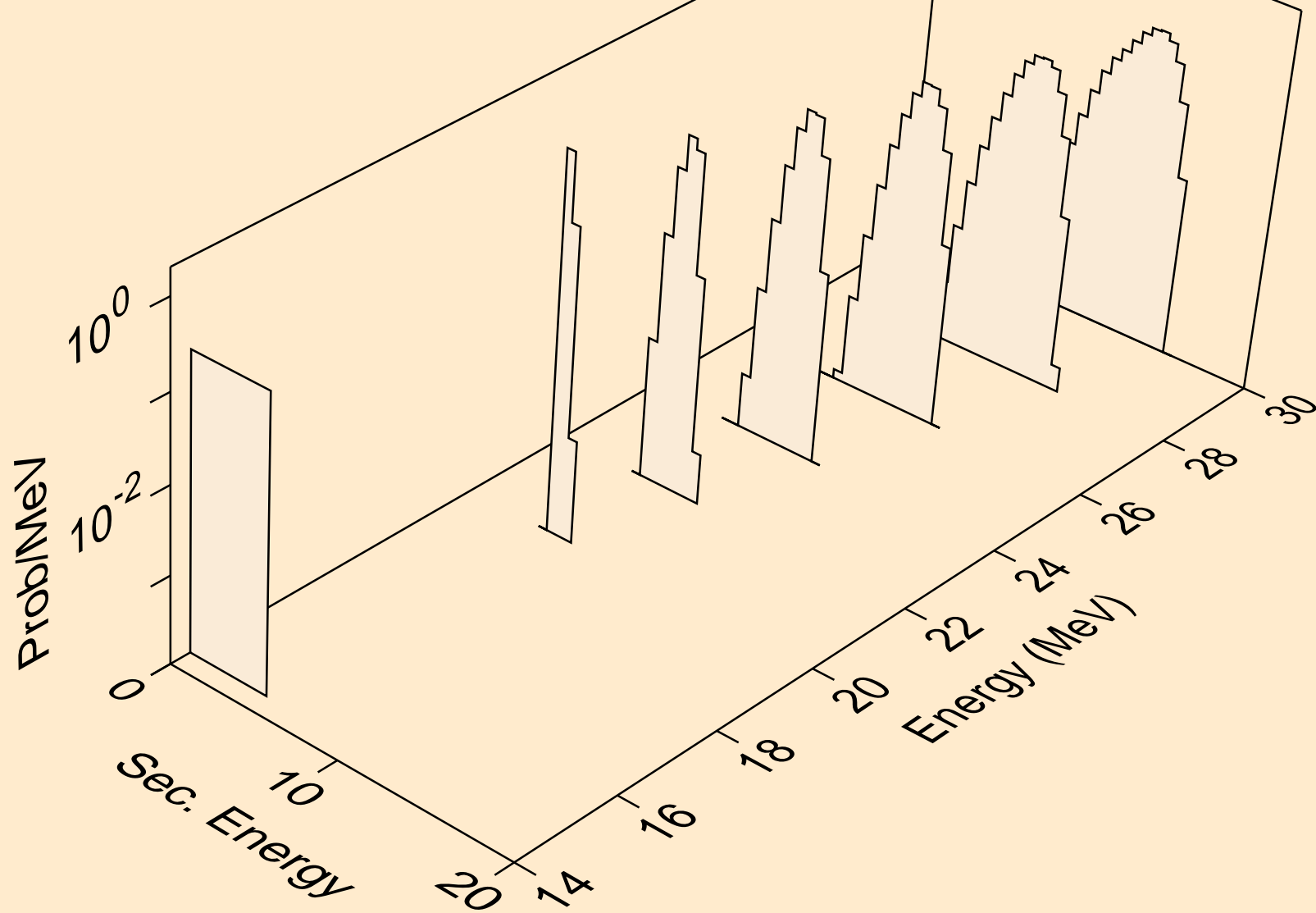
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



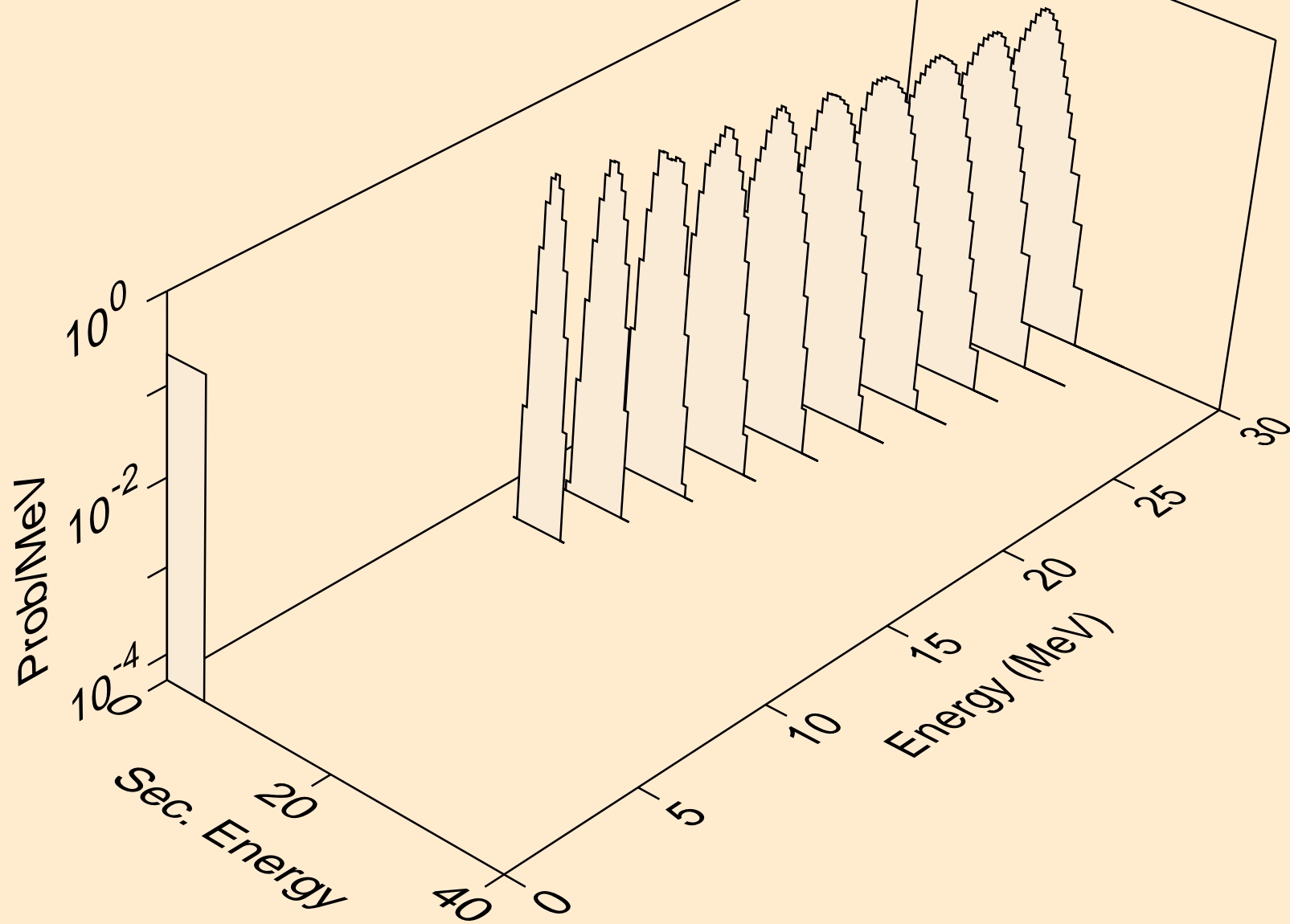
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



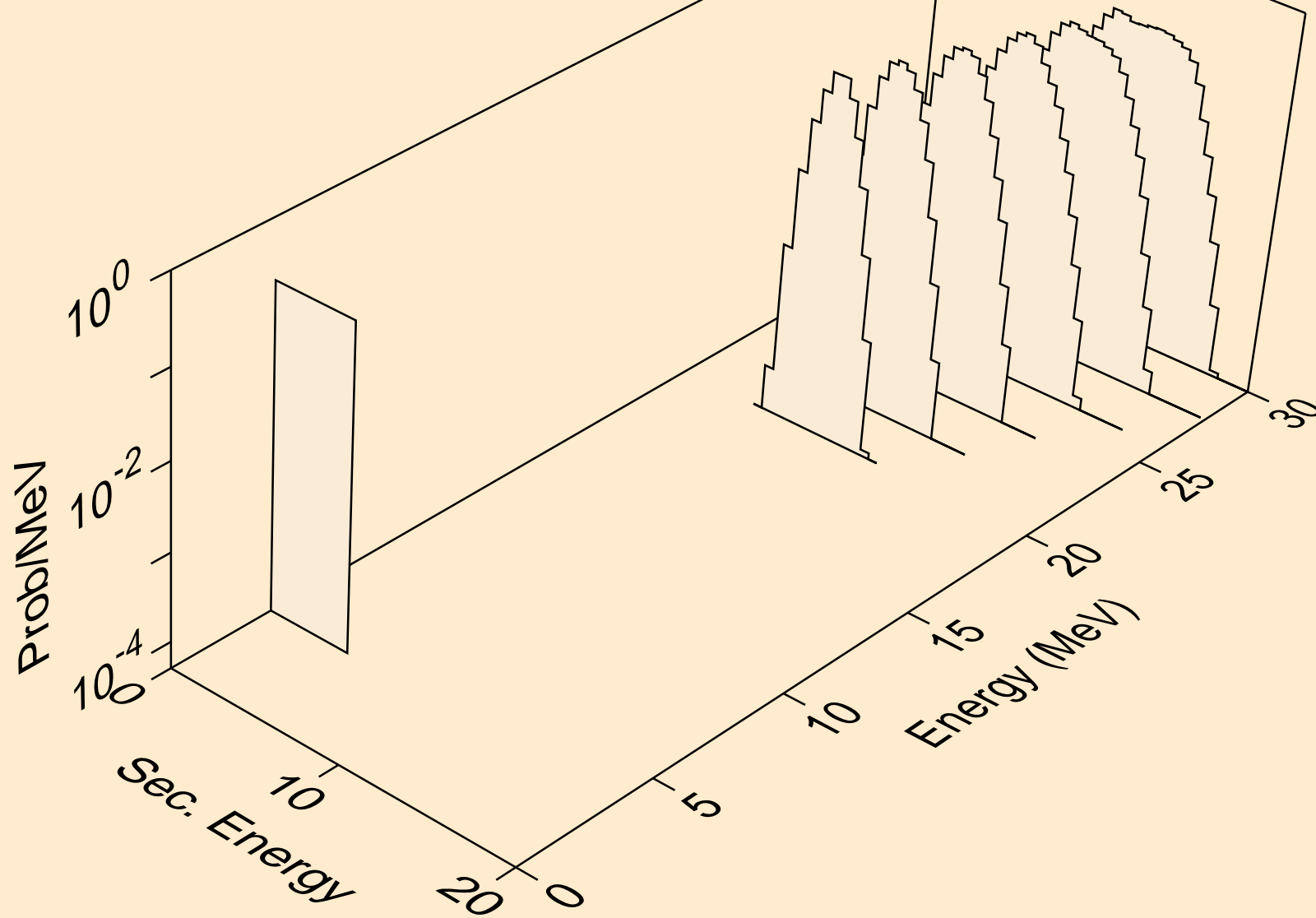
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



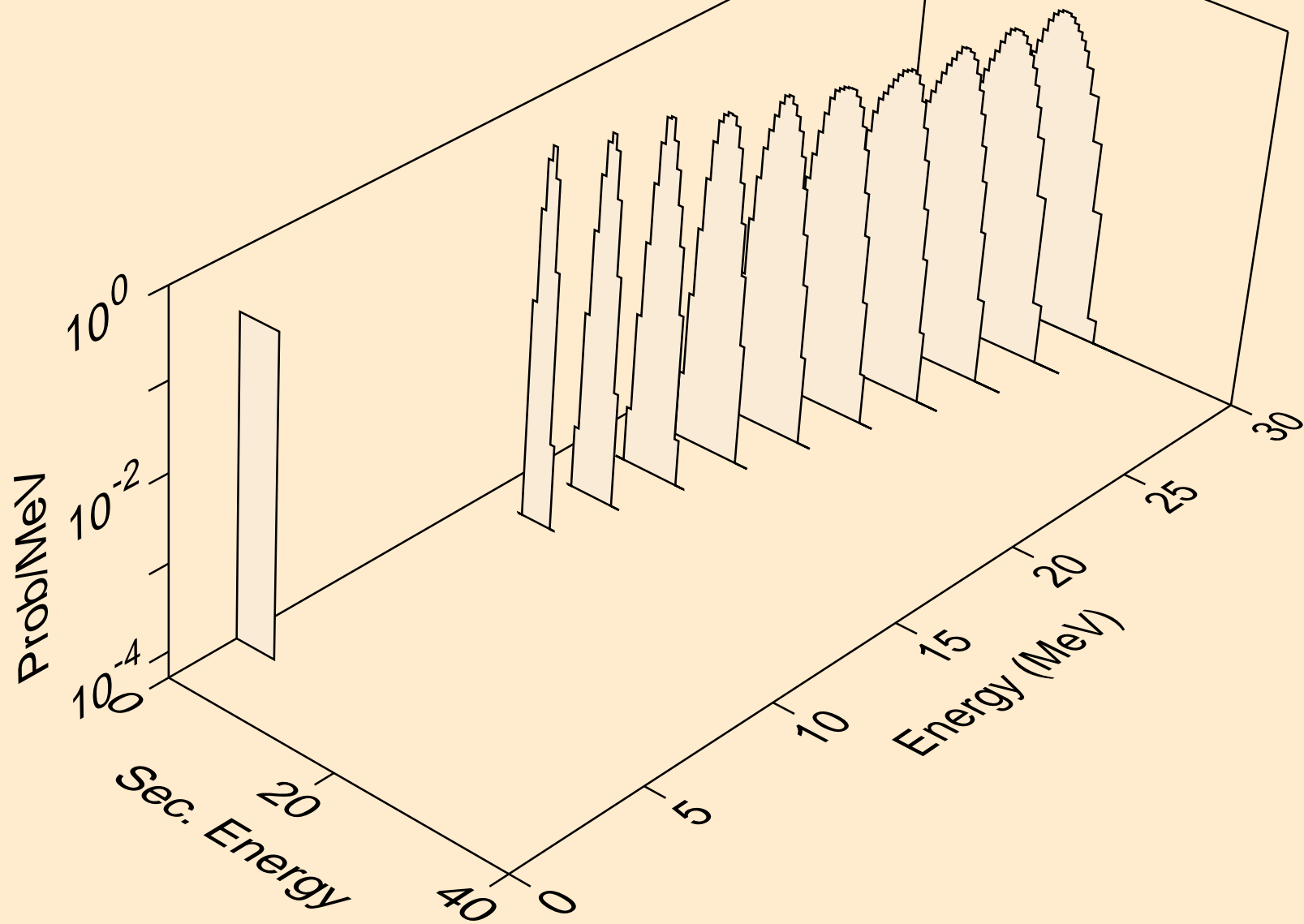
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)2a

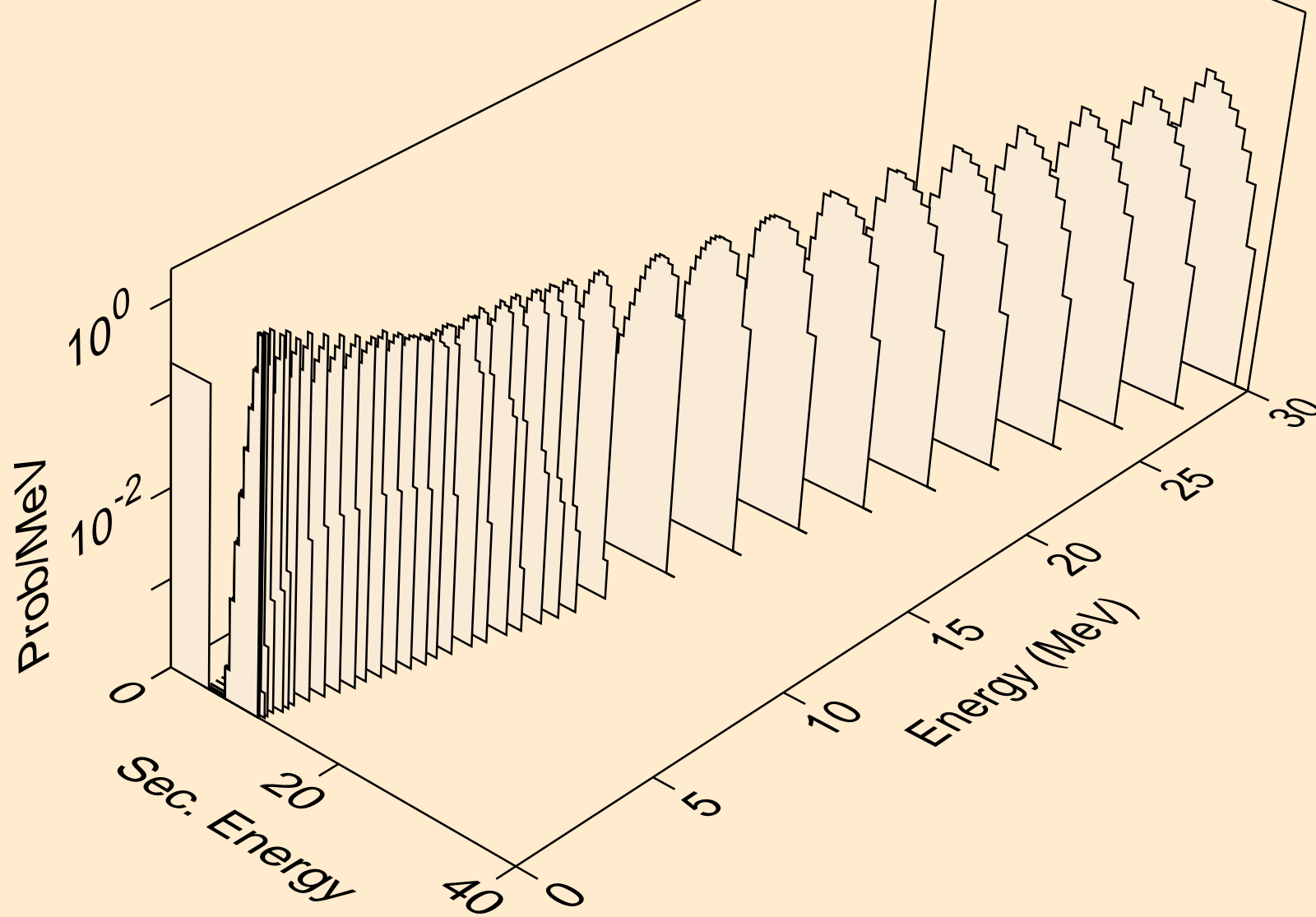


TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,npa)

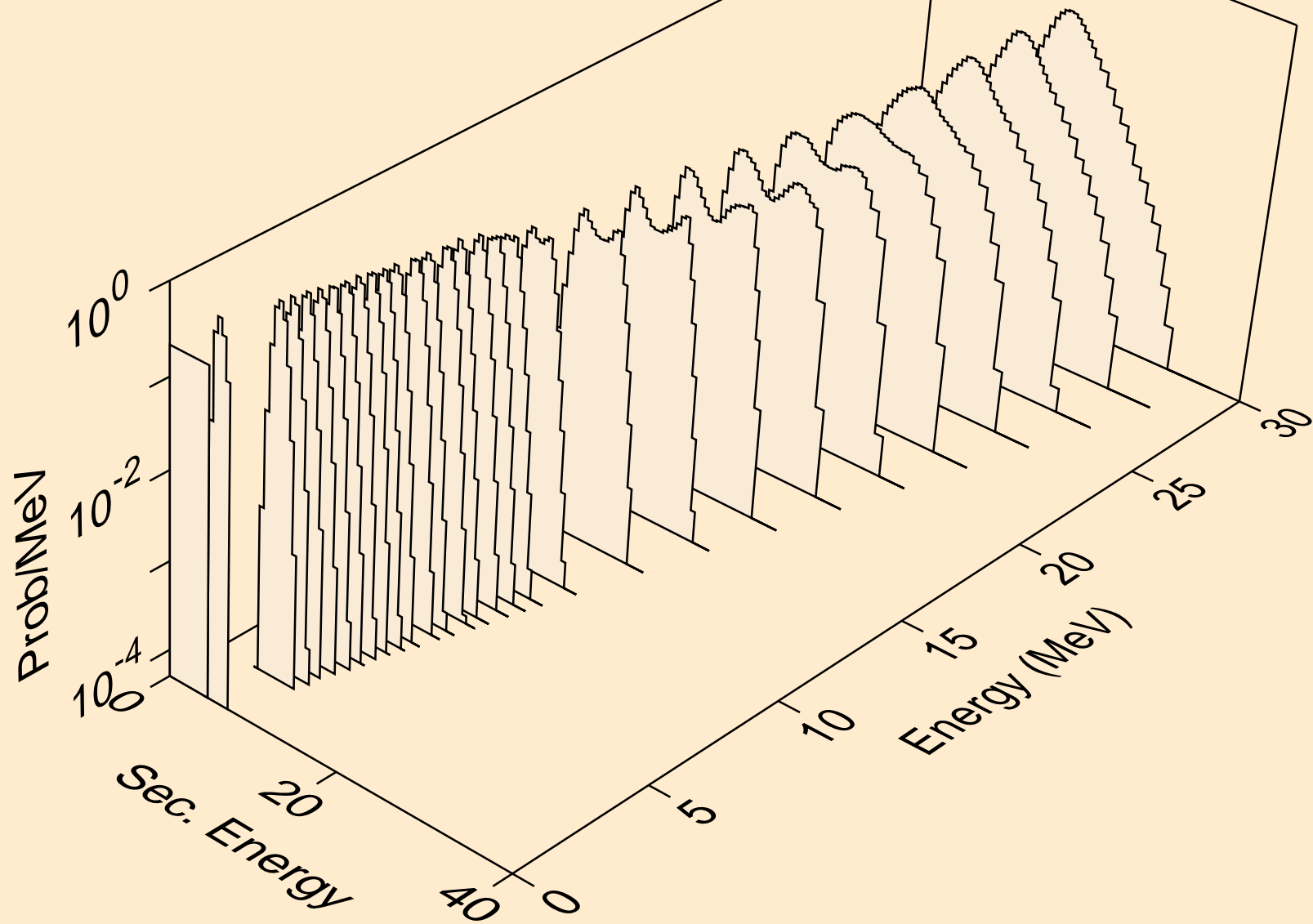




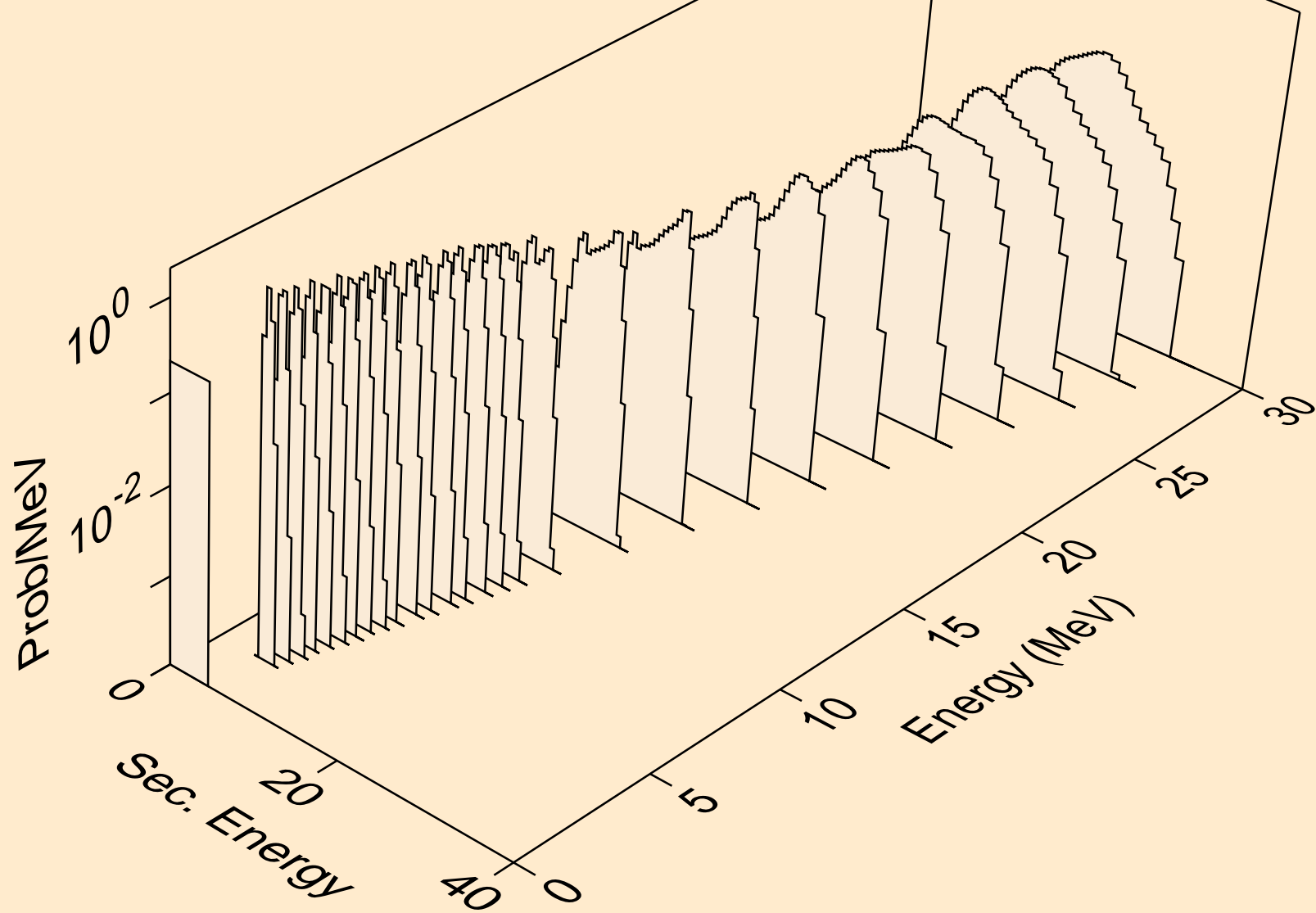
TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



TM164 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

