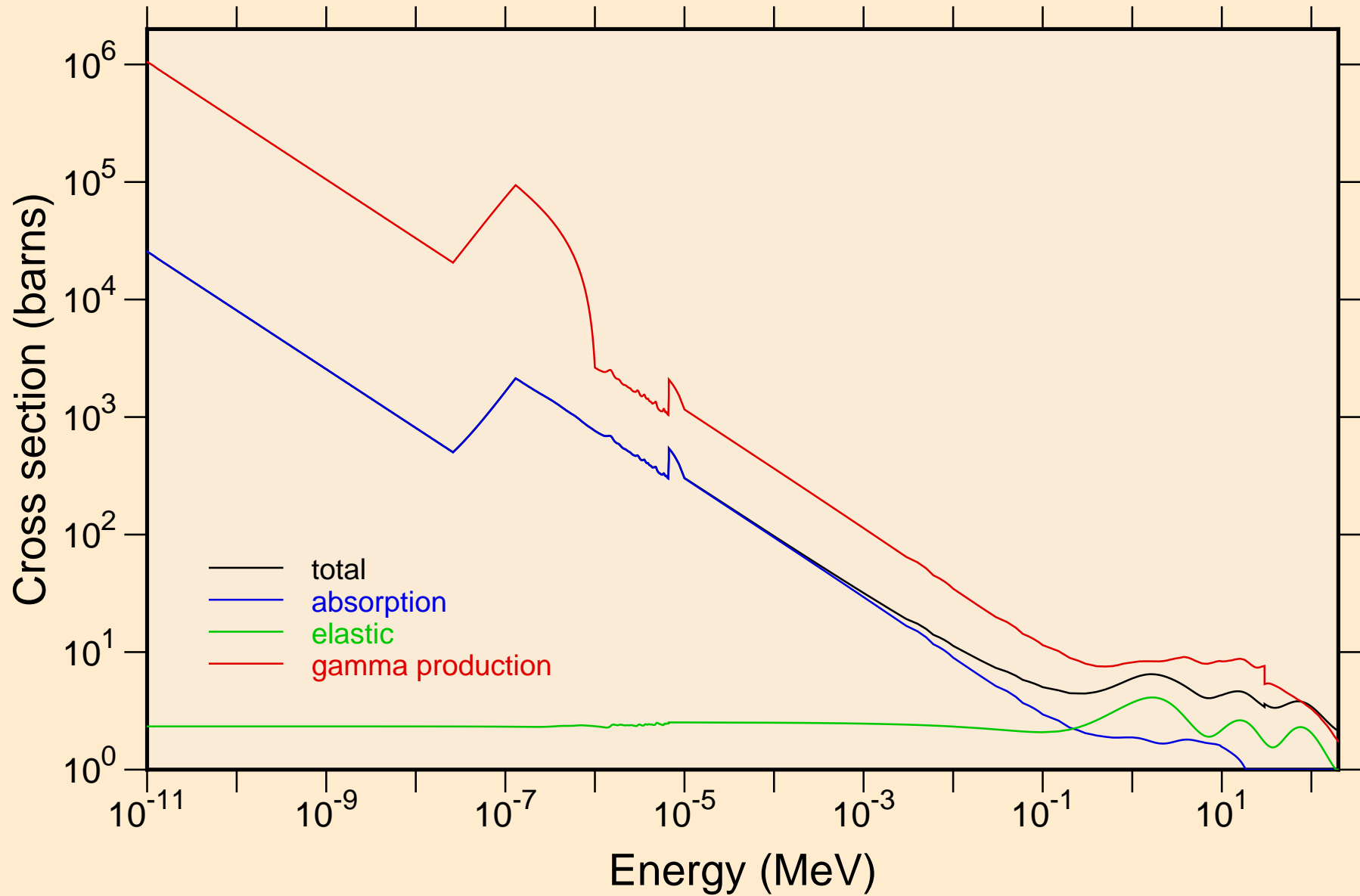


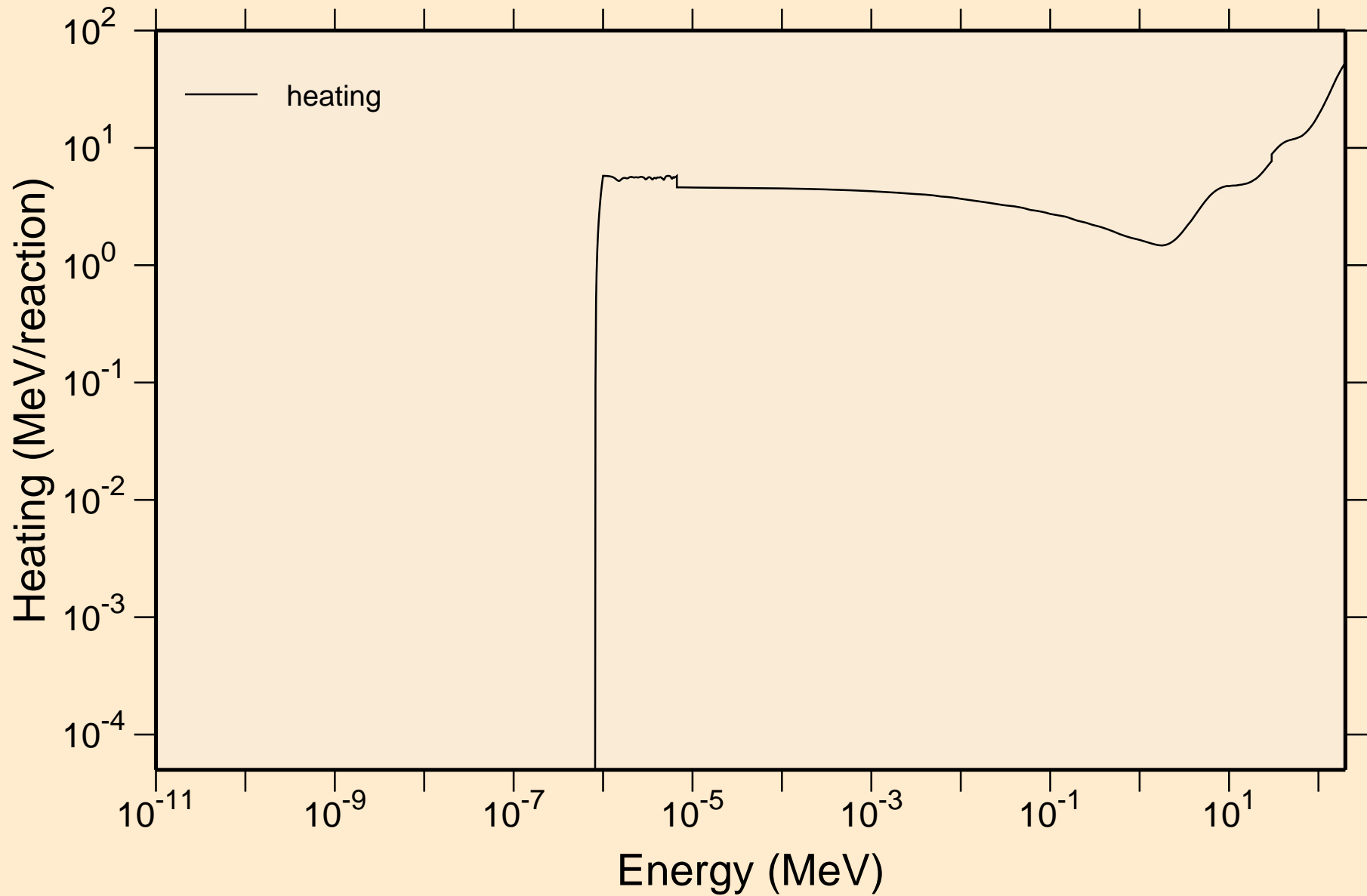
# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



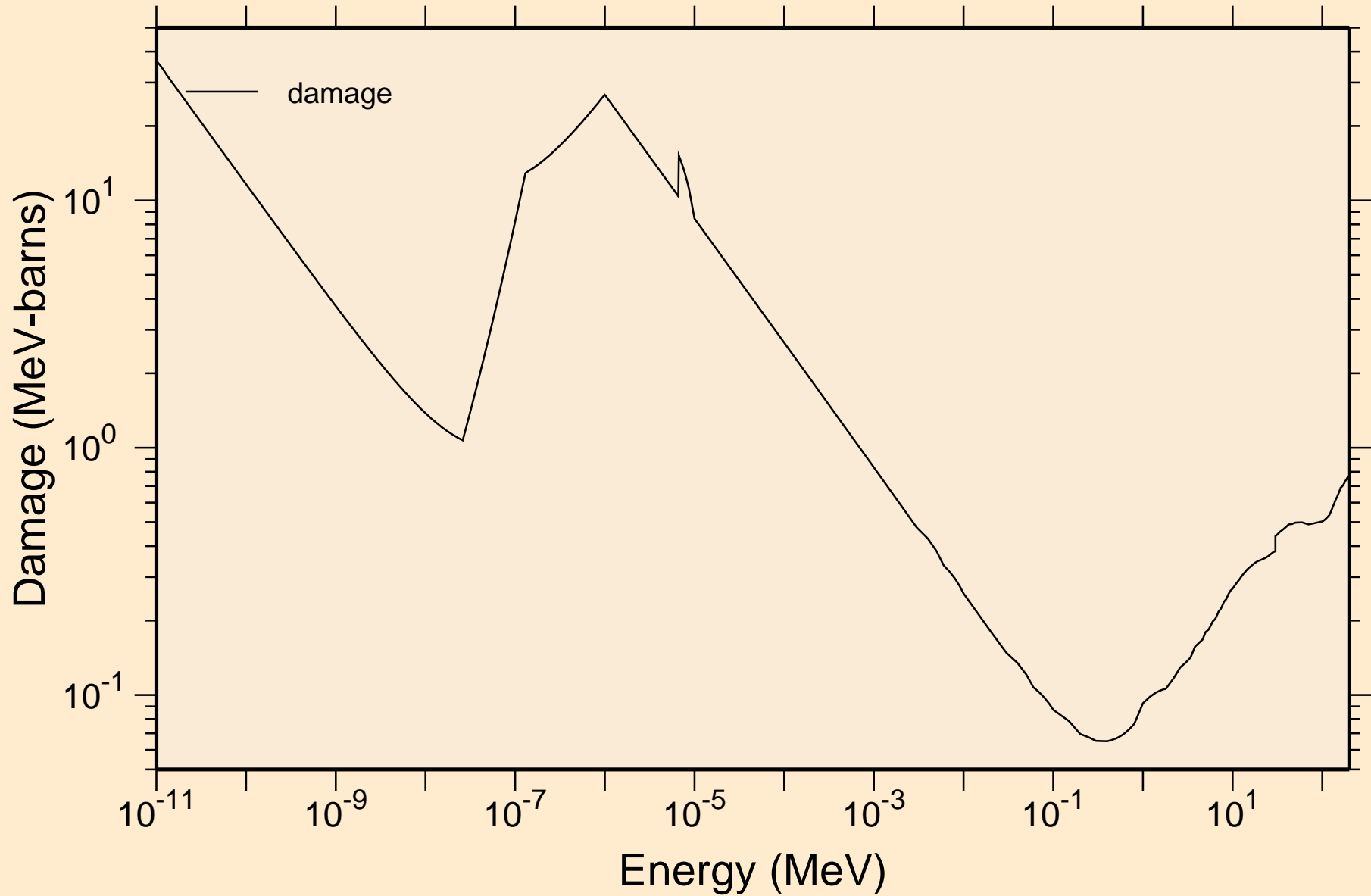
# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



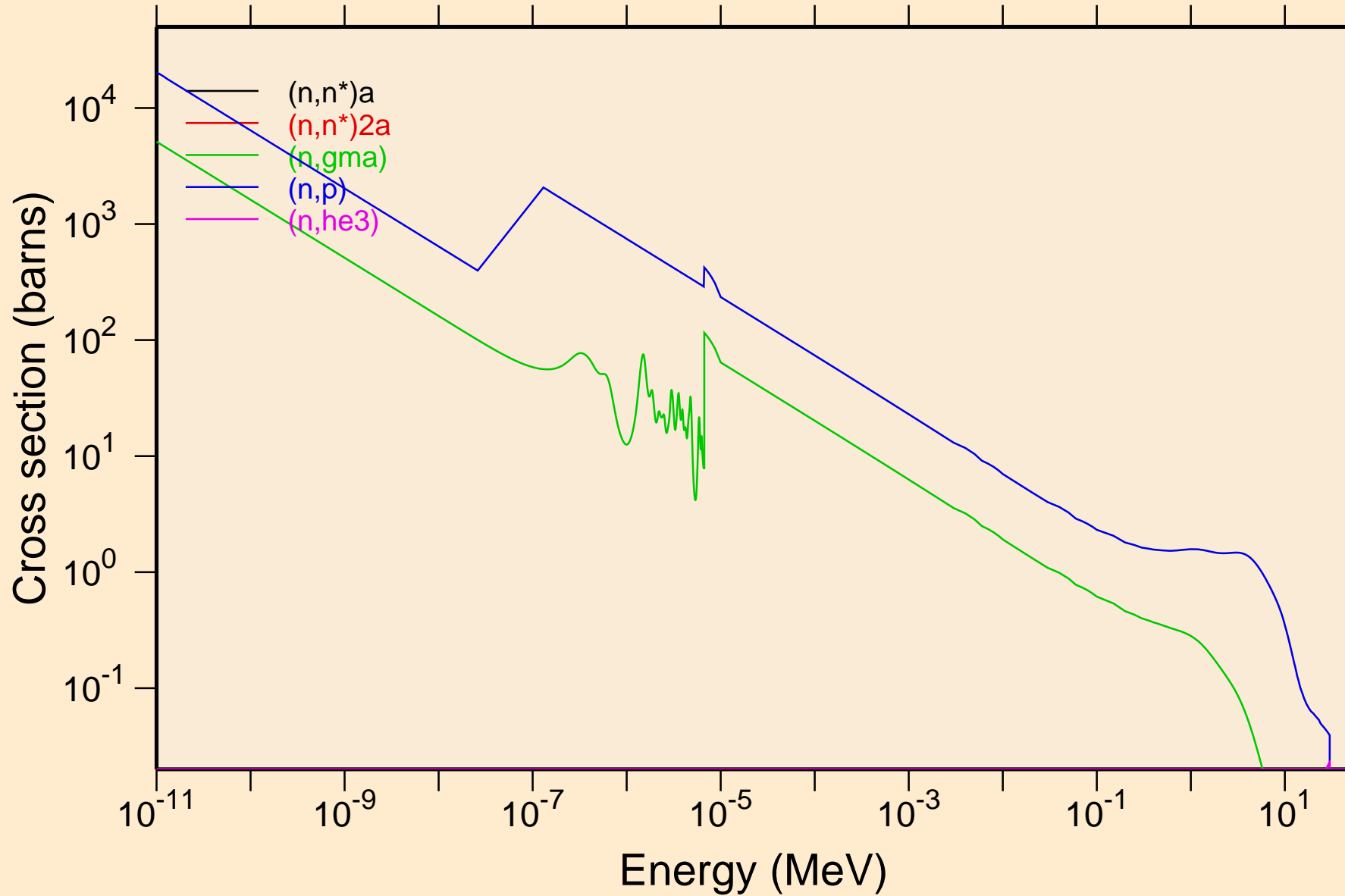
# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

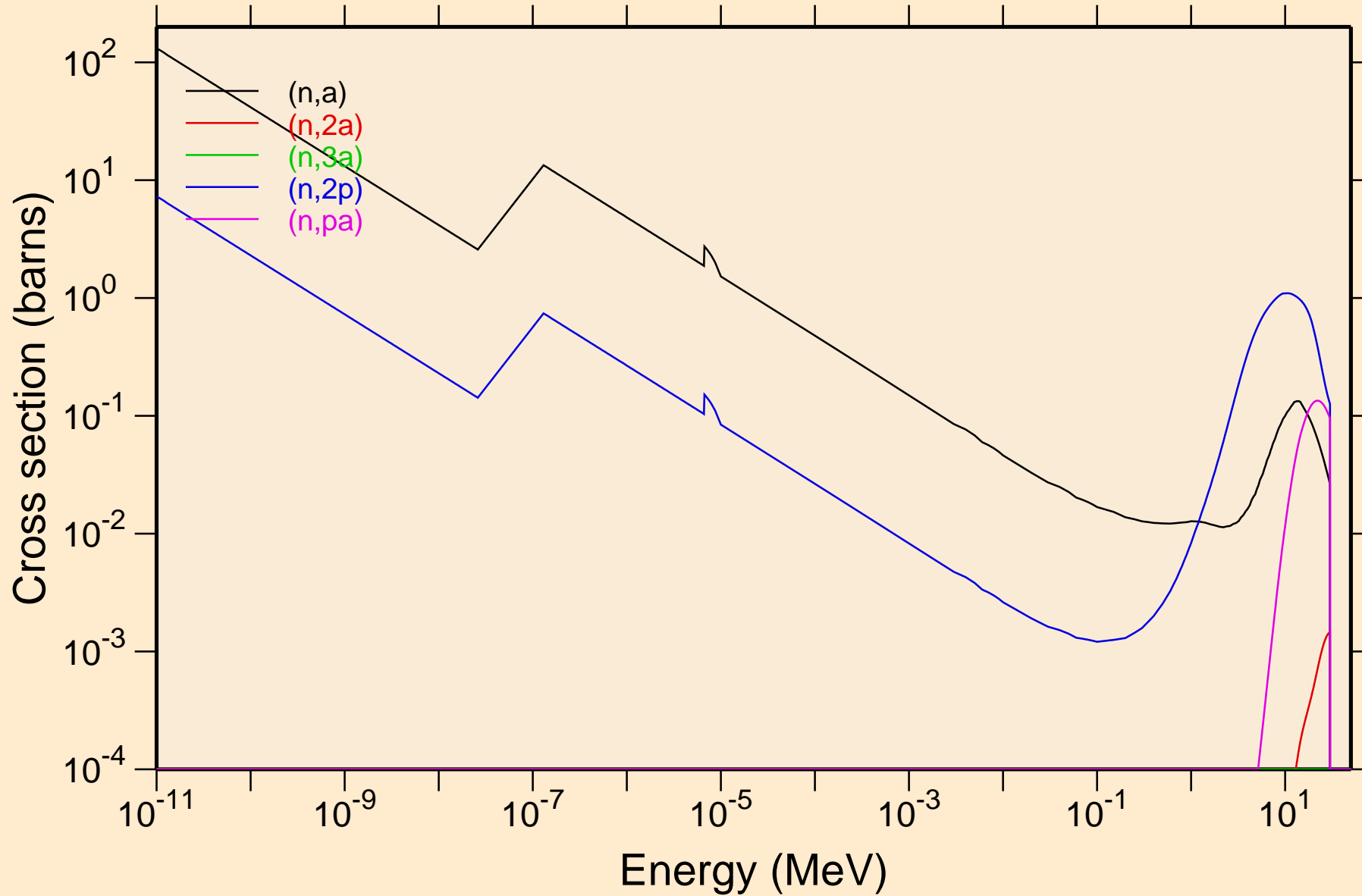


# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

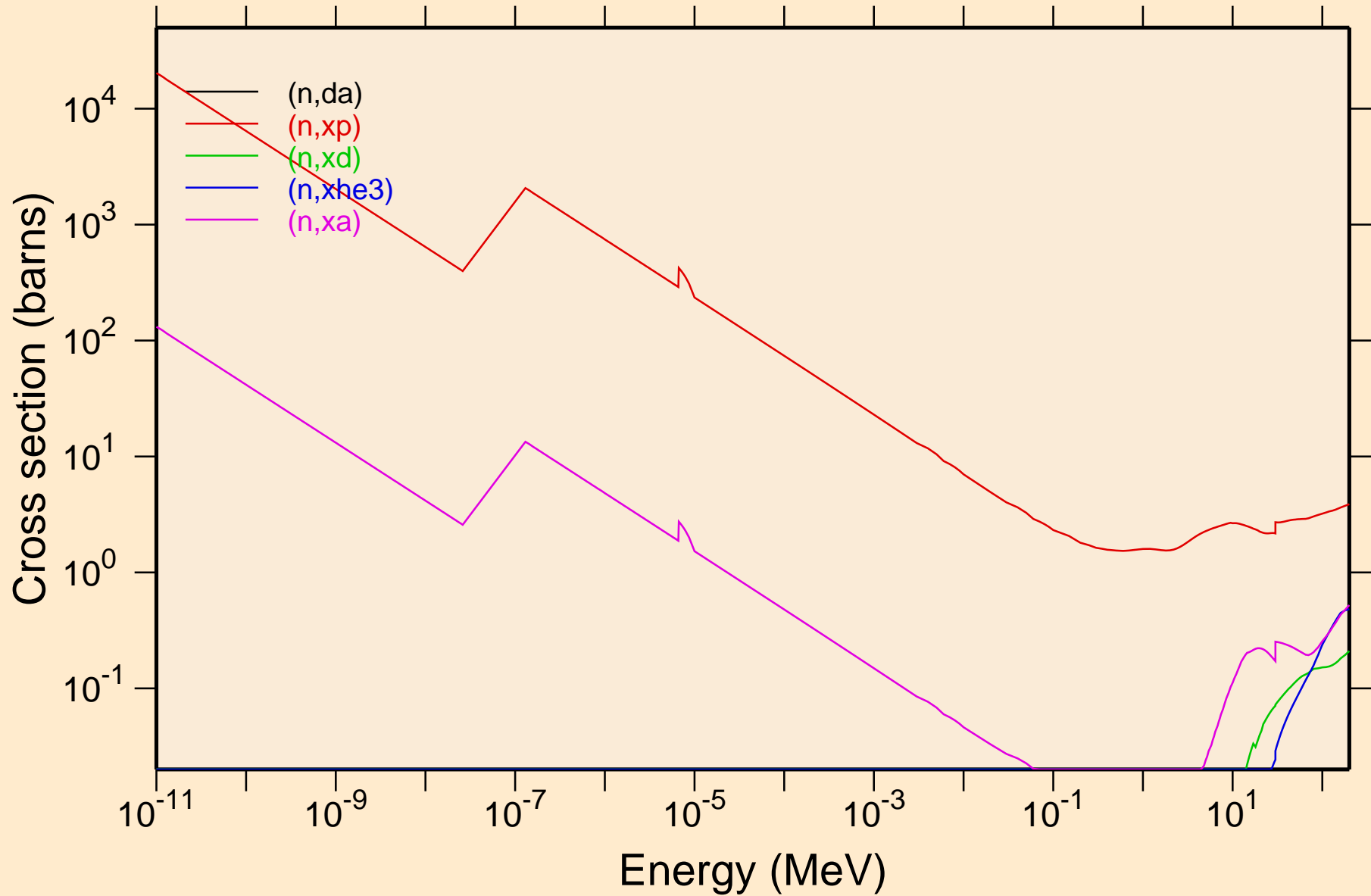


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



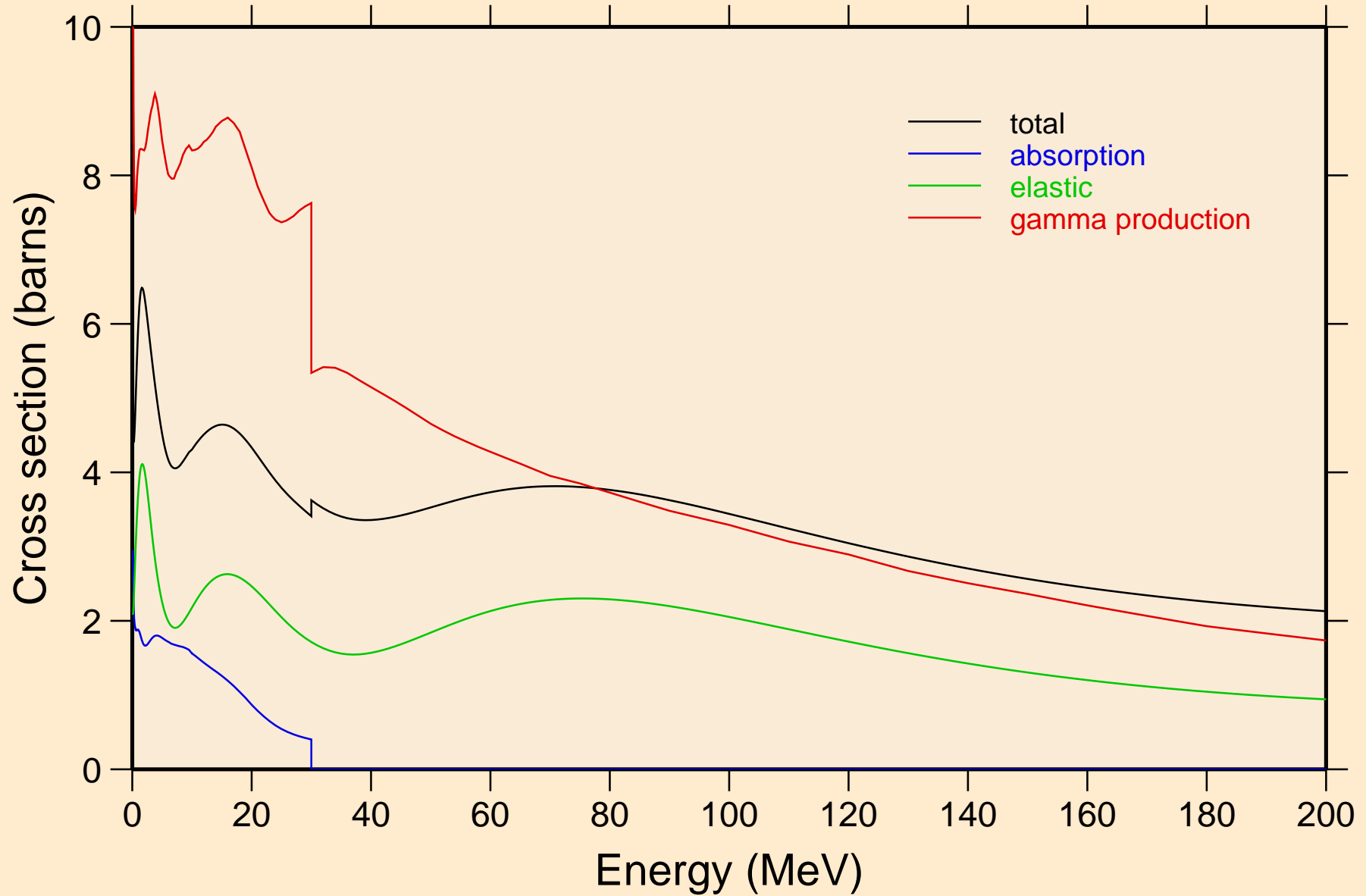
# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



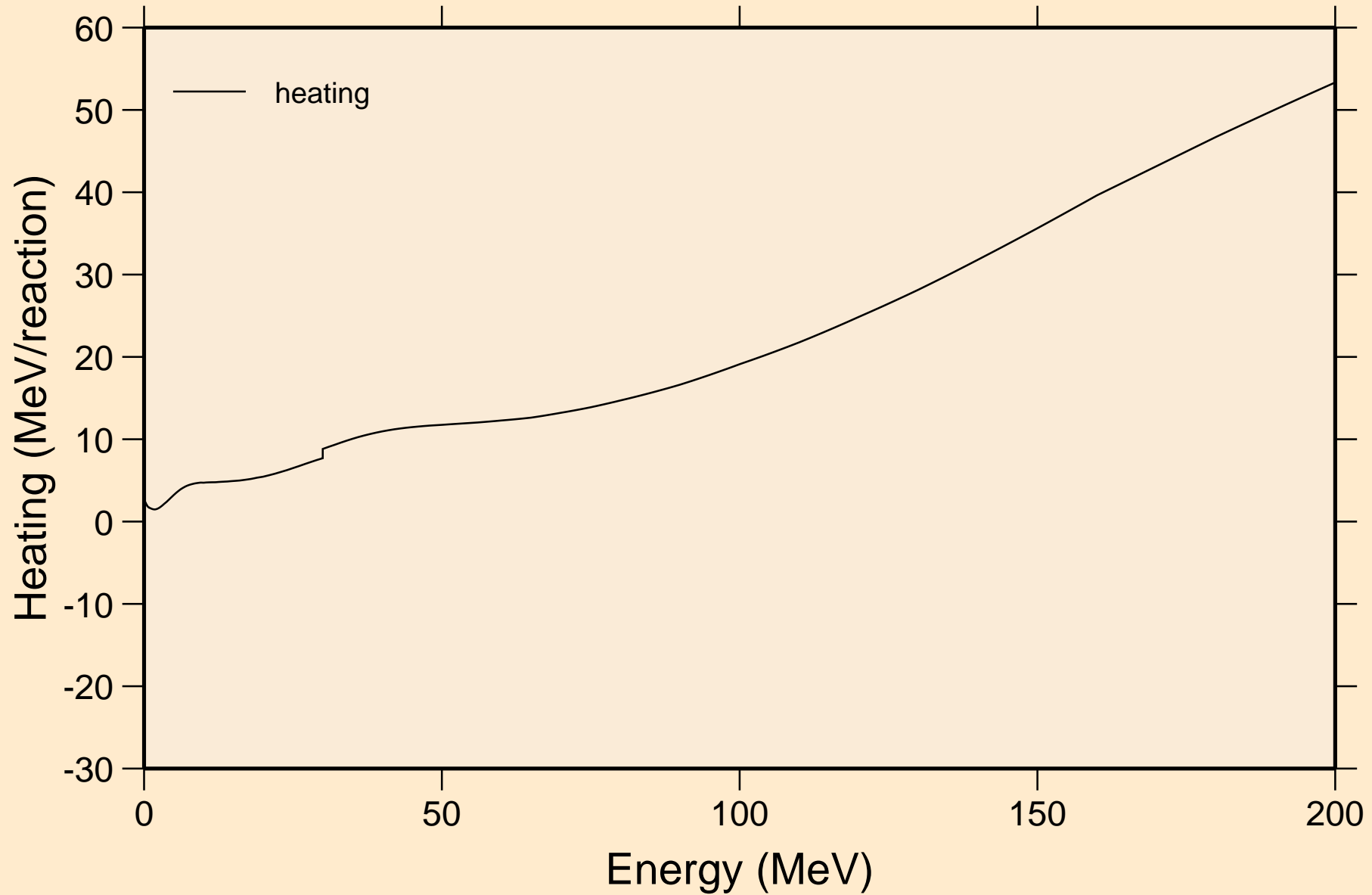
# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

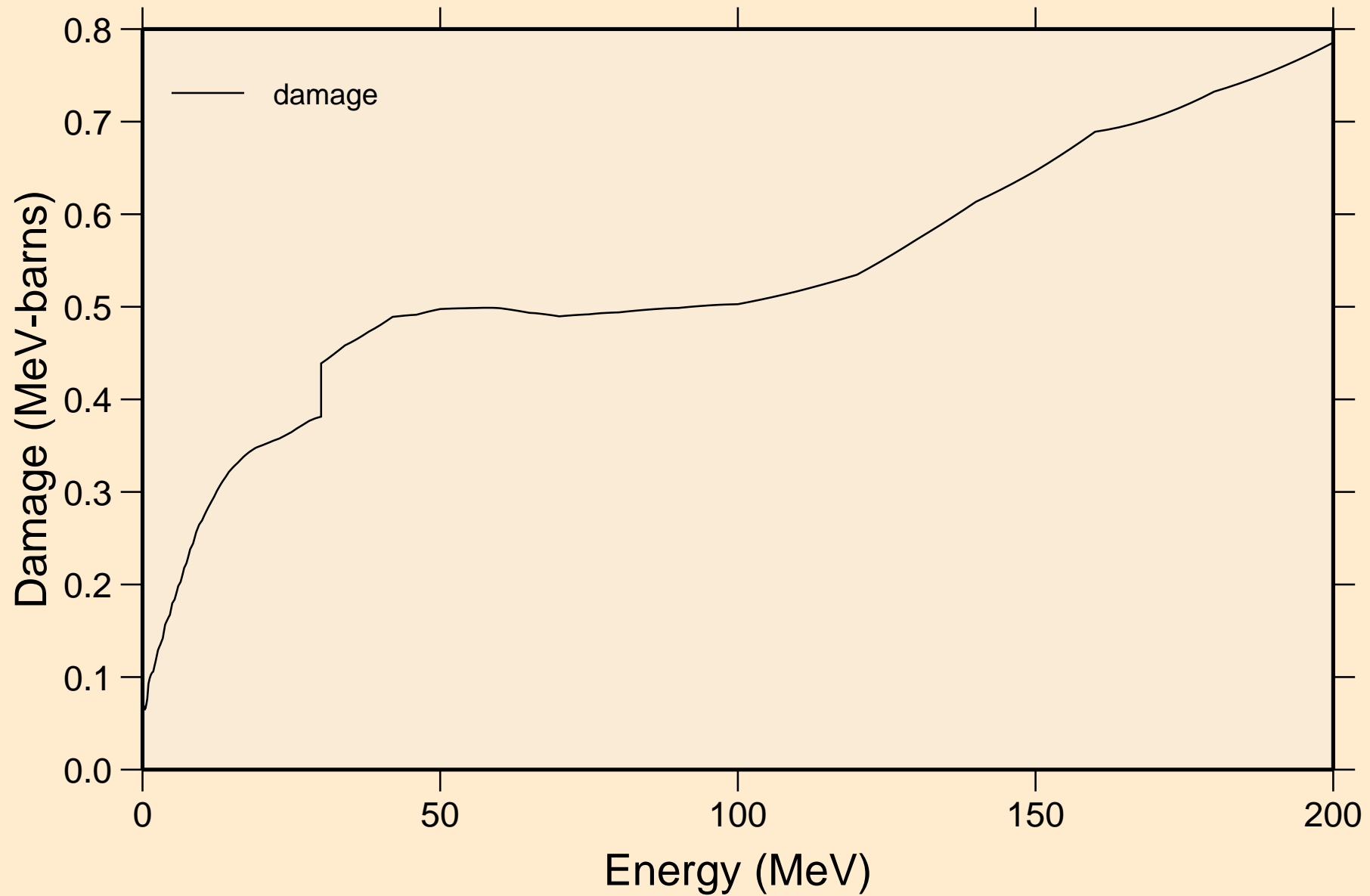
## Heating





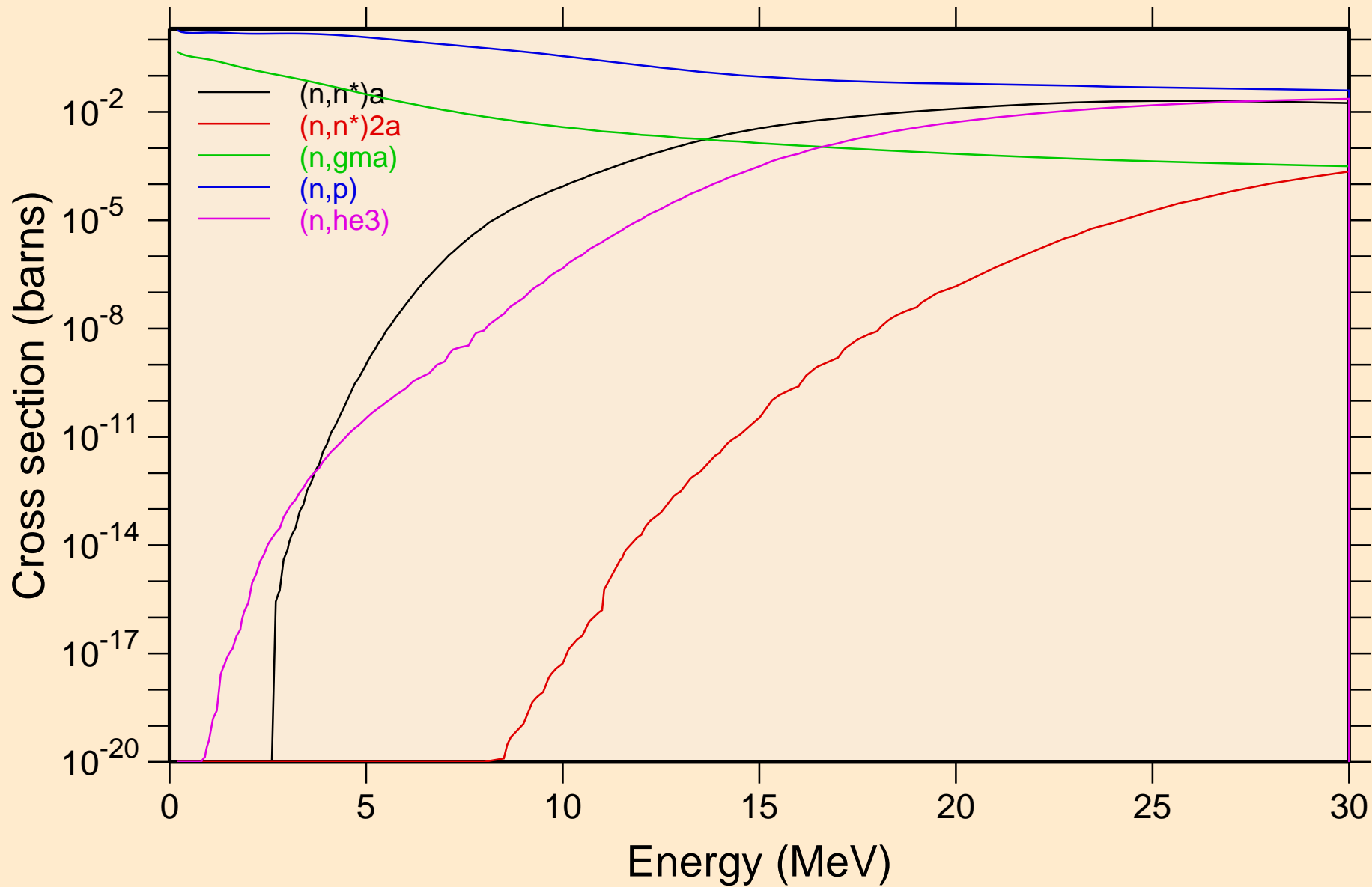
# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



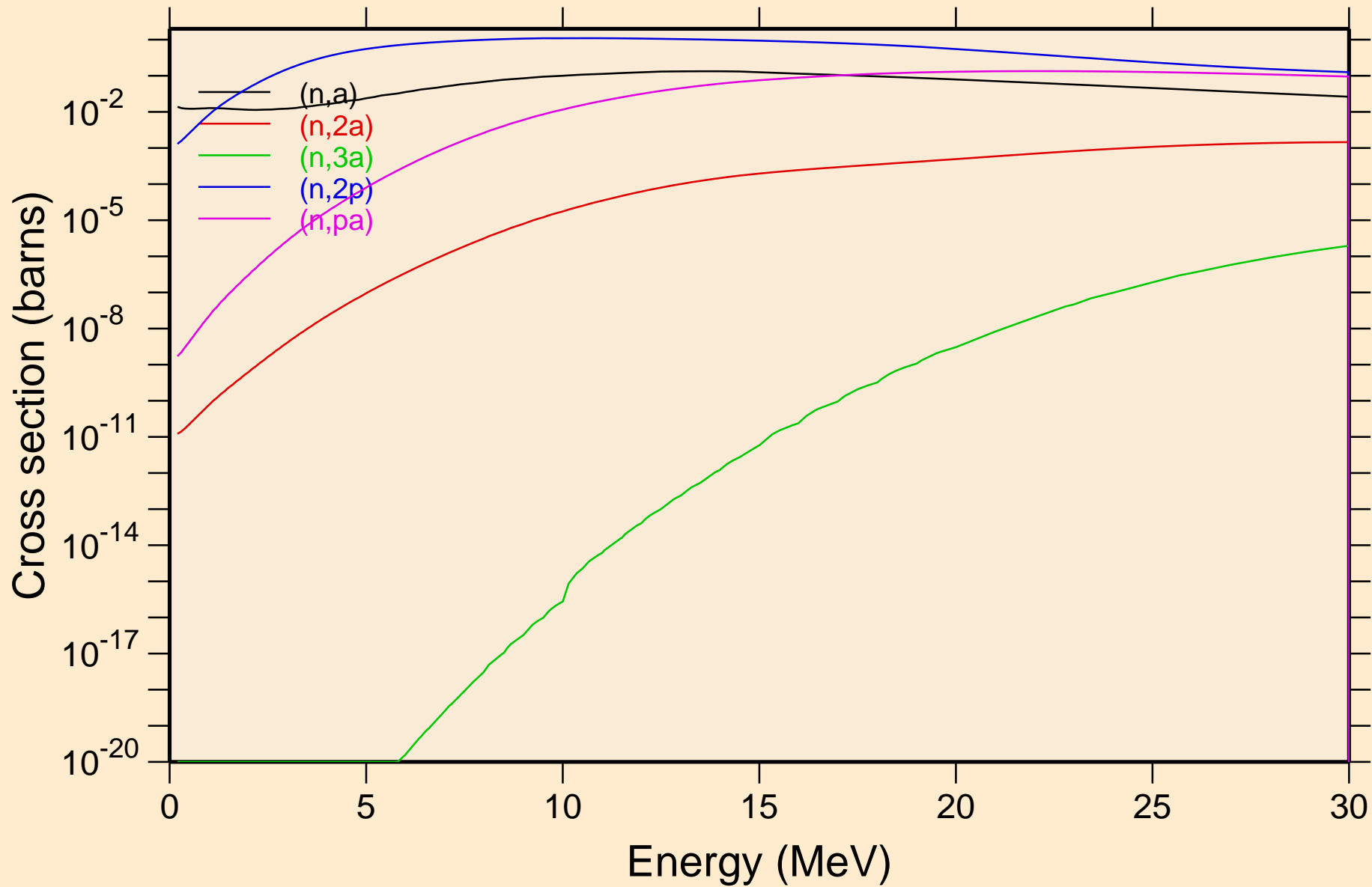
# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



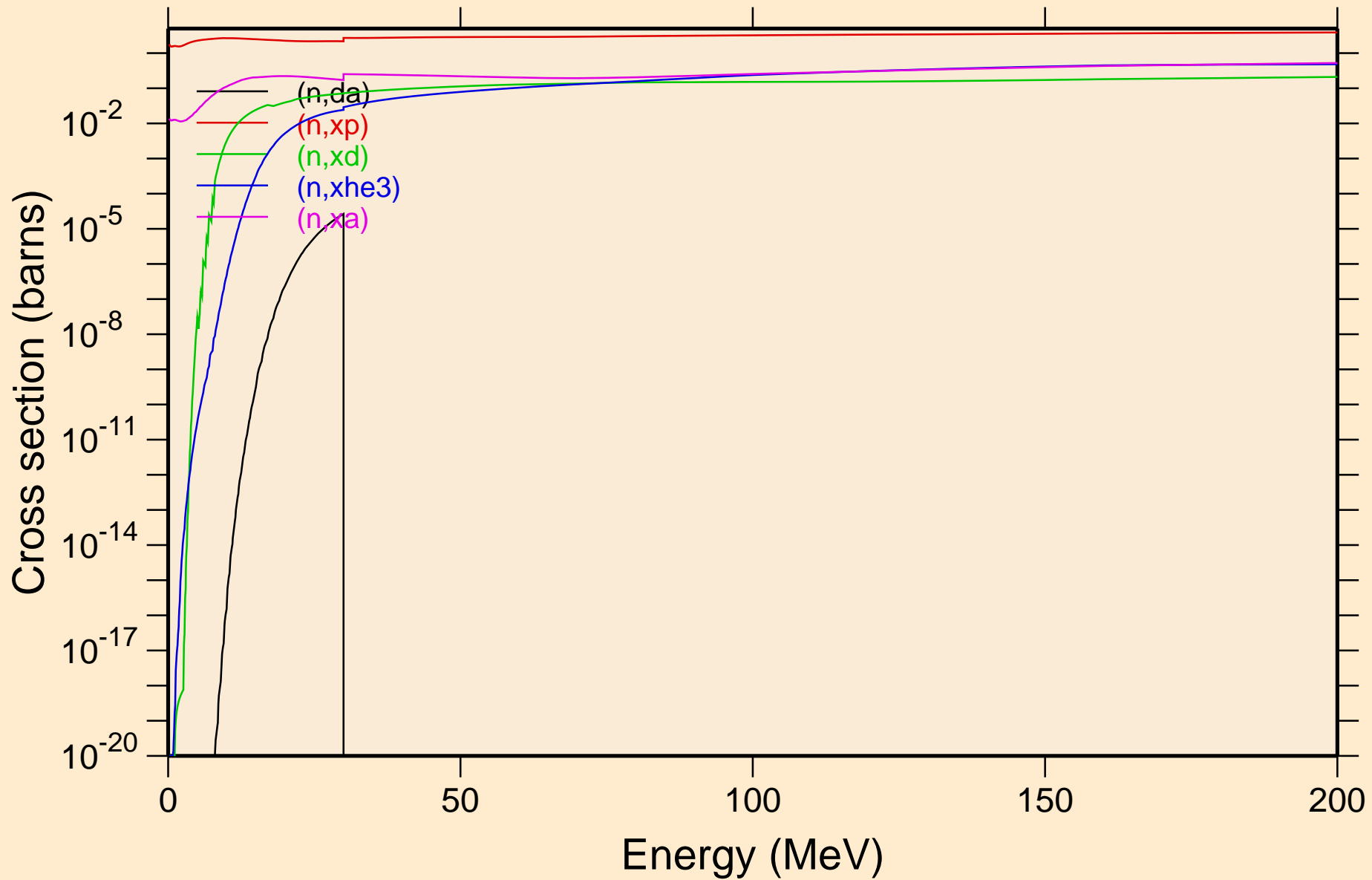
# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



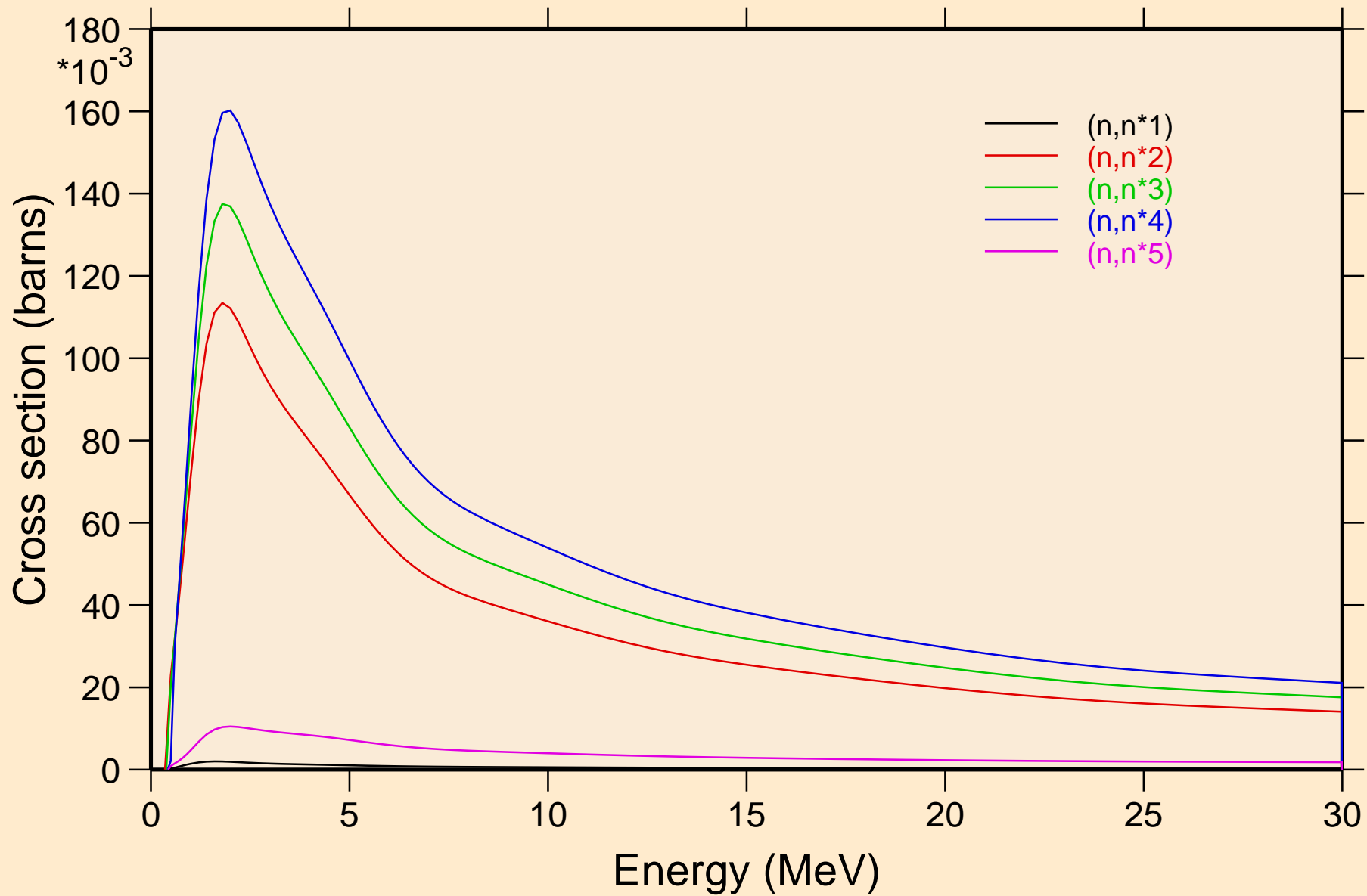
# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



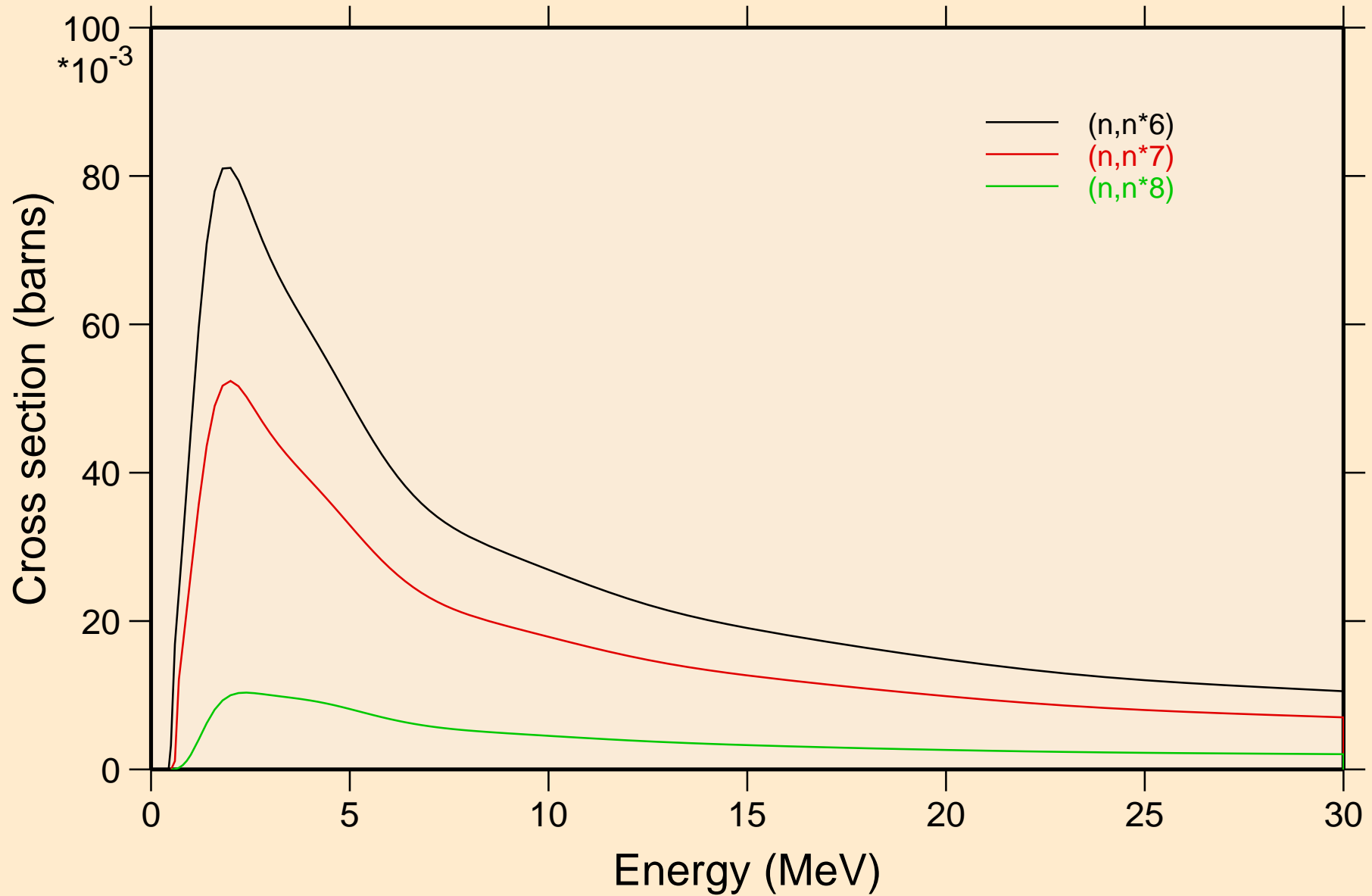
# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



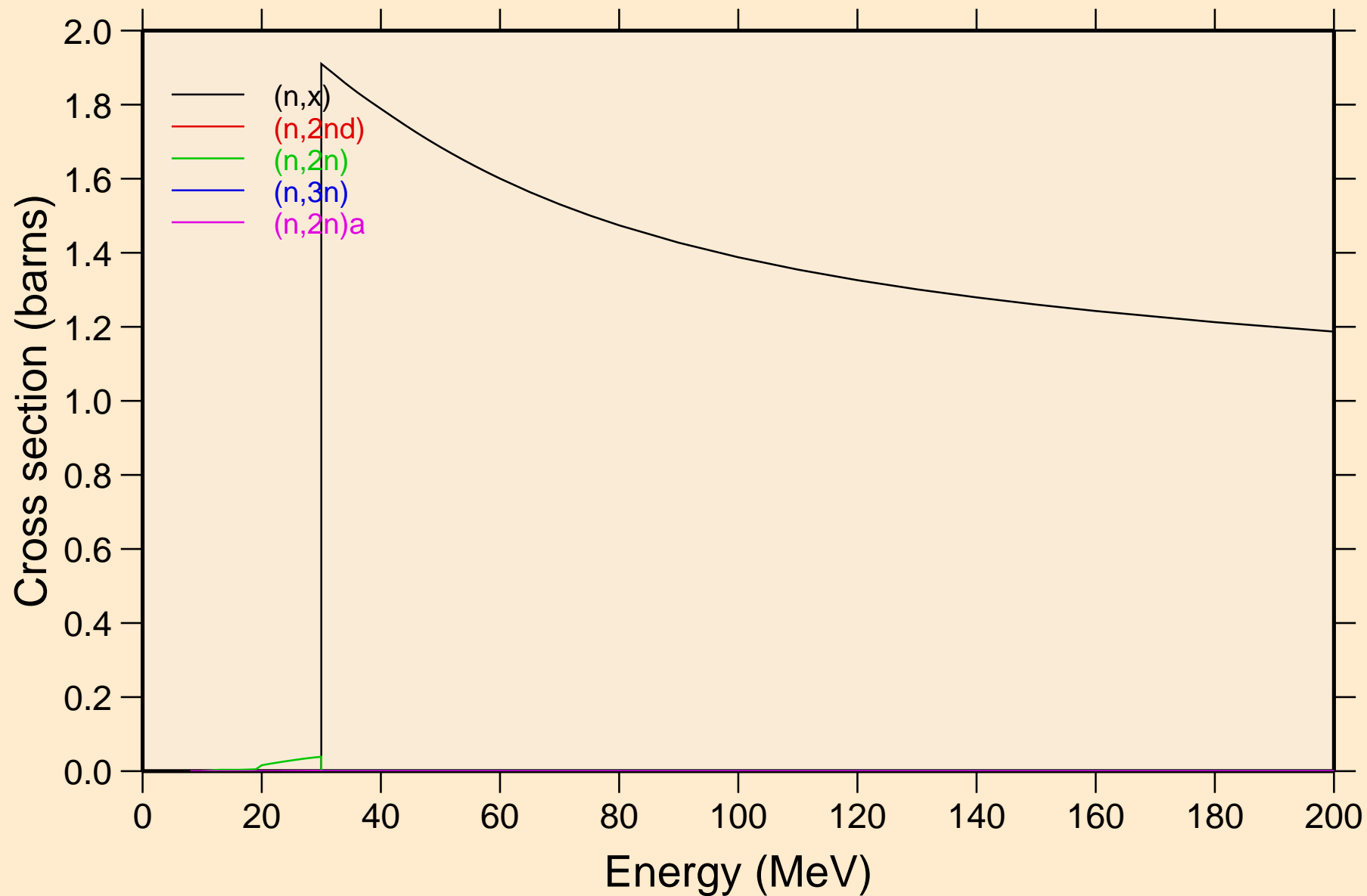
# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

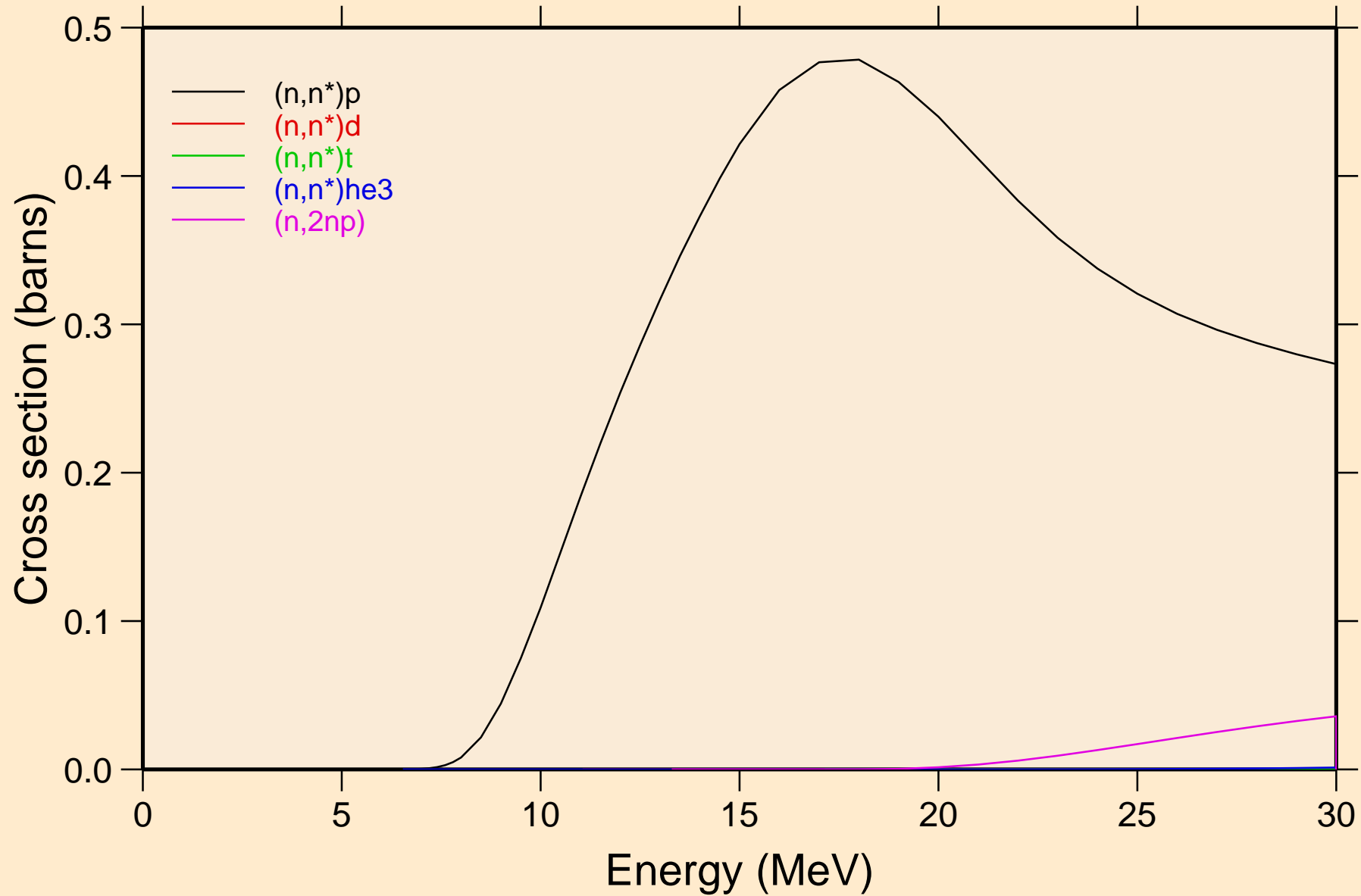


# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



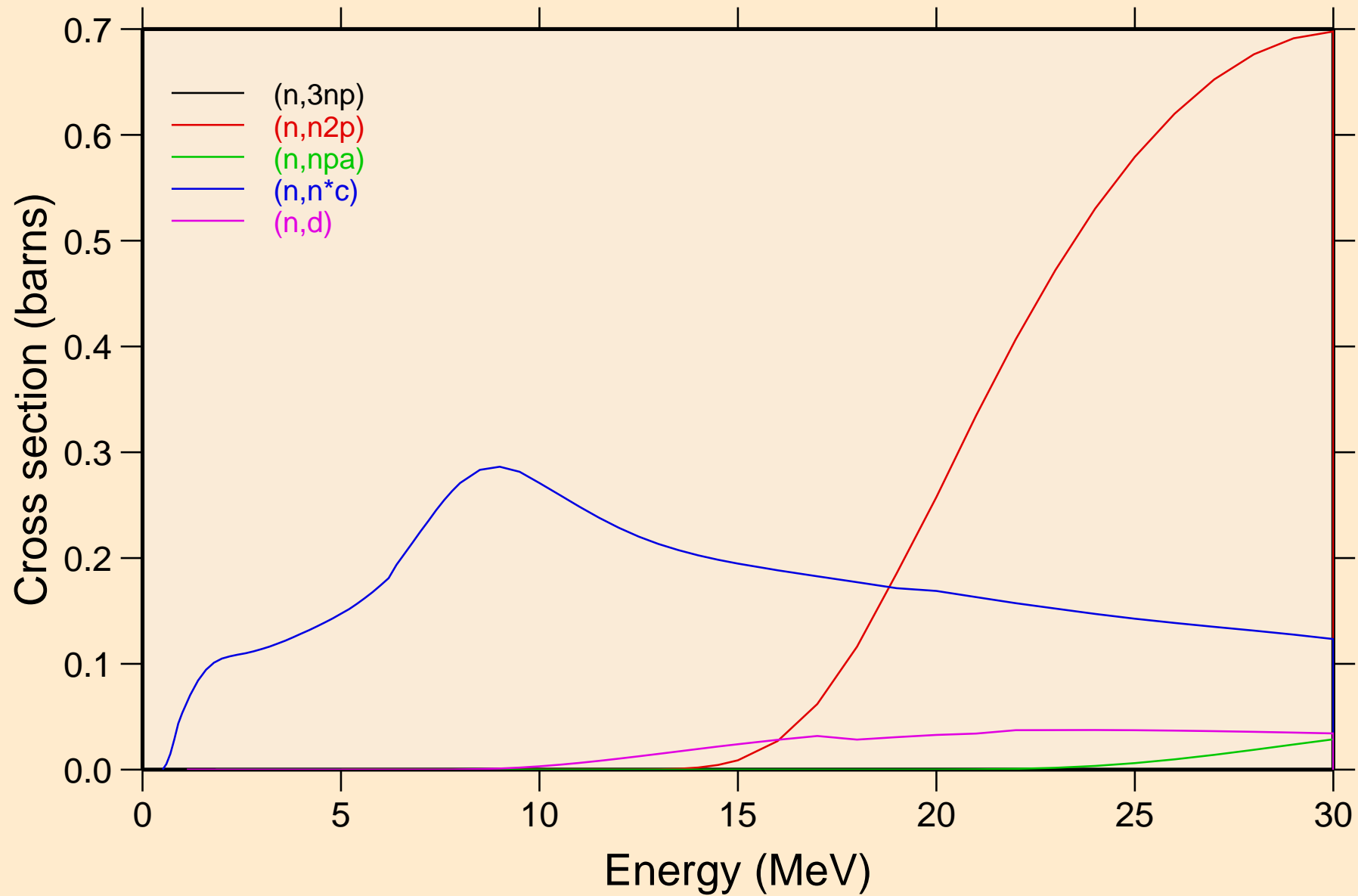
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions





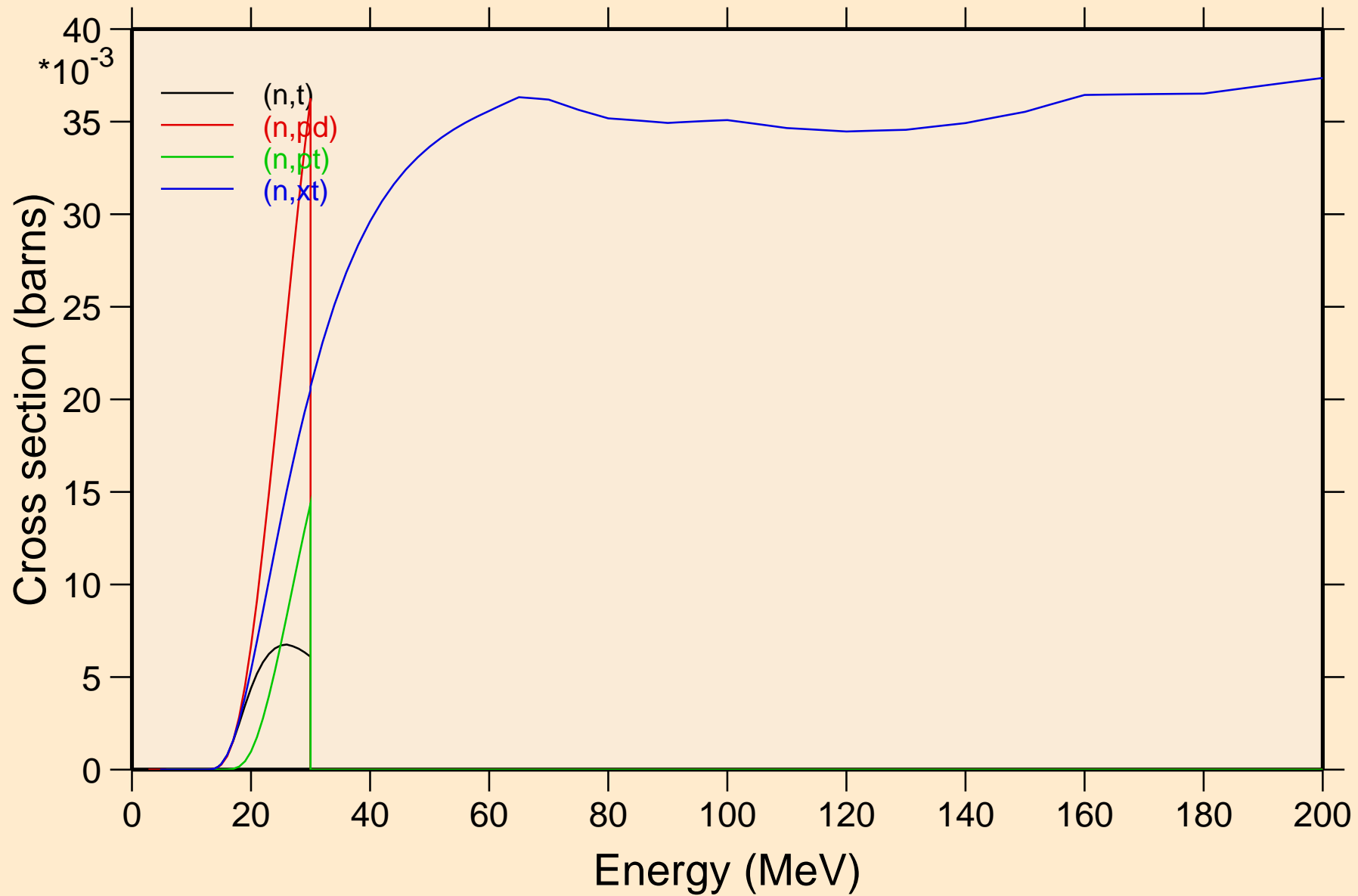
# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

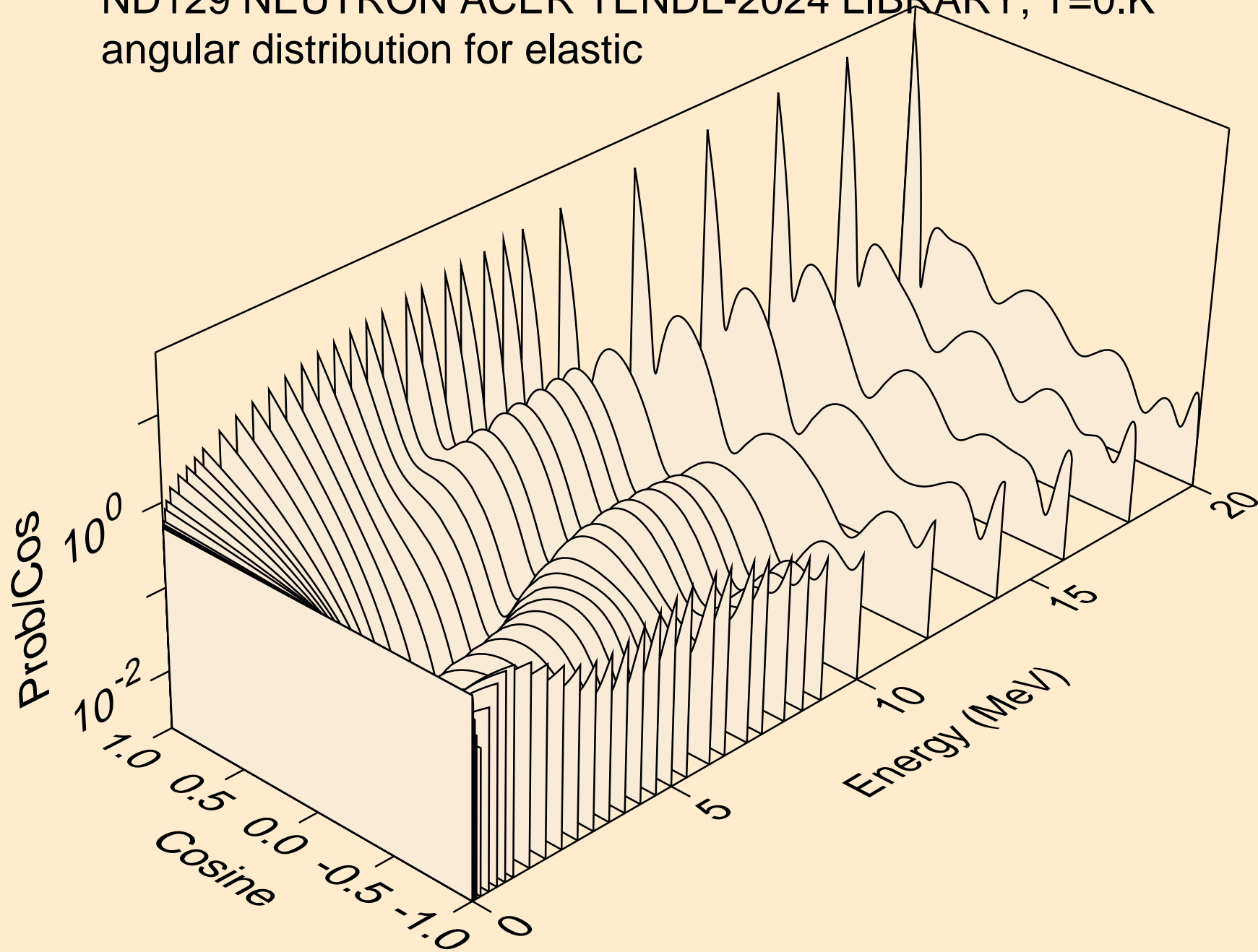


# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

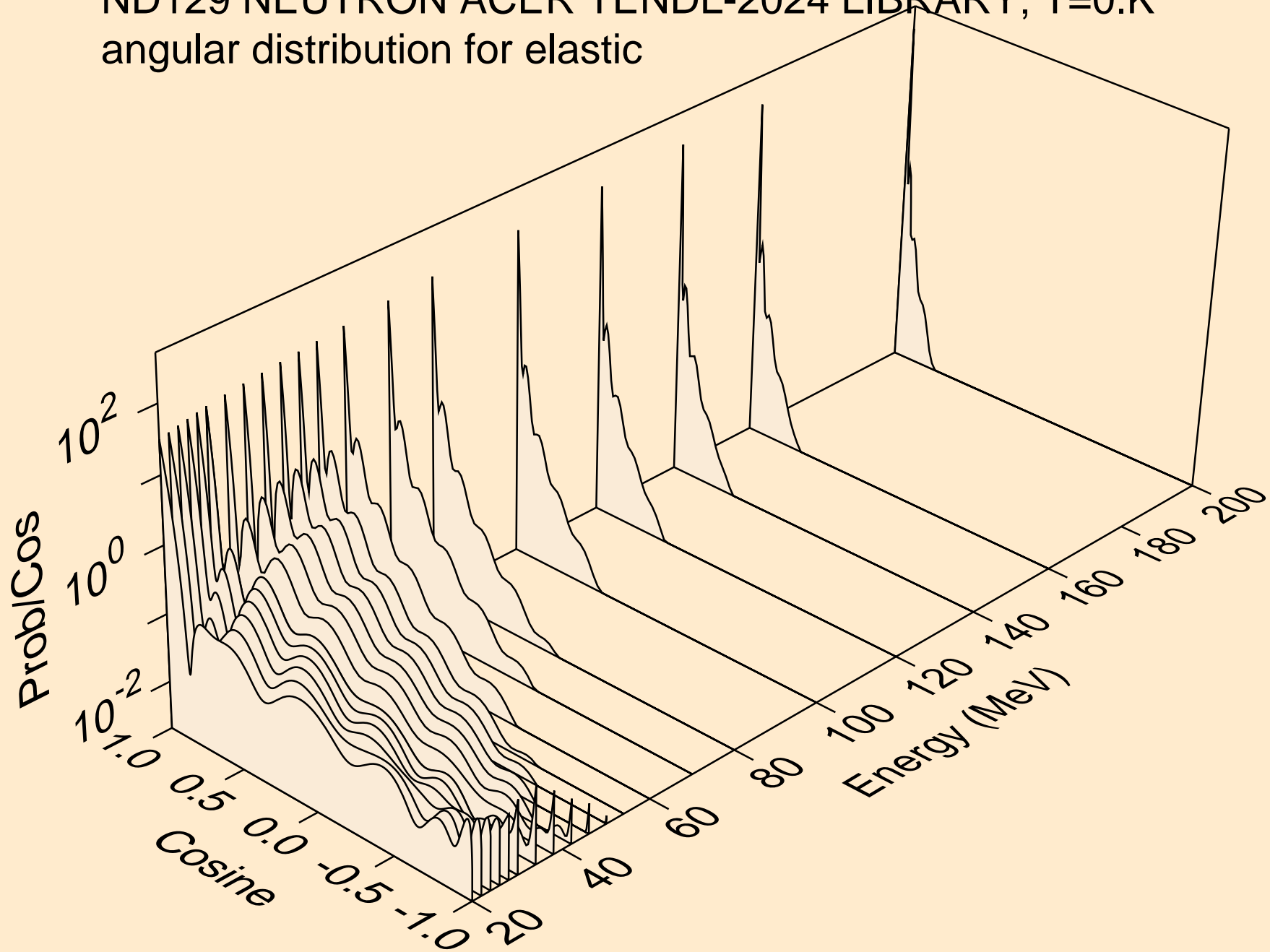
## Threshold reactions



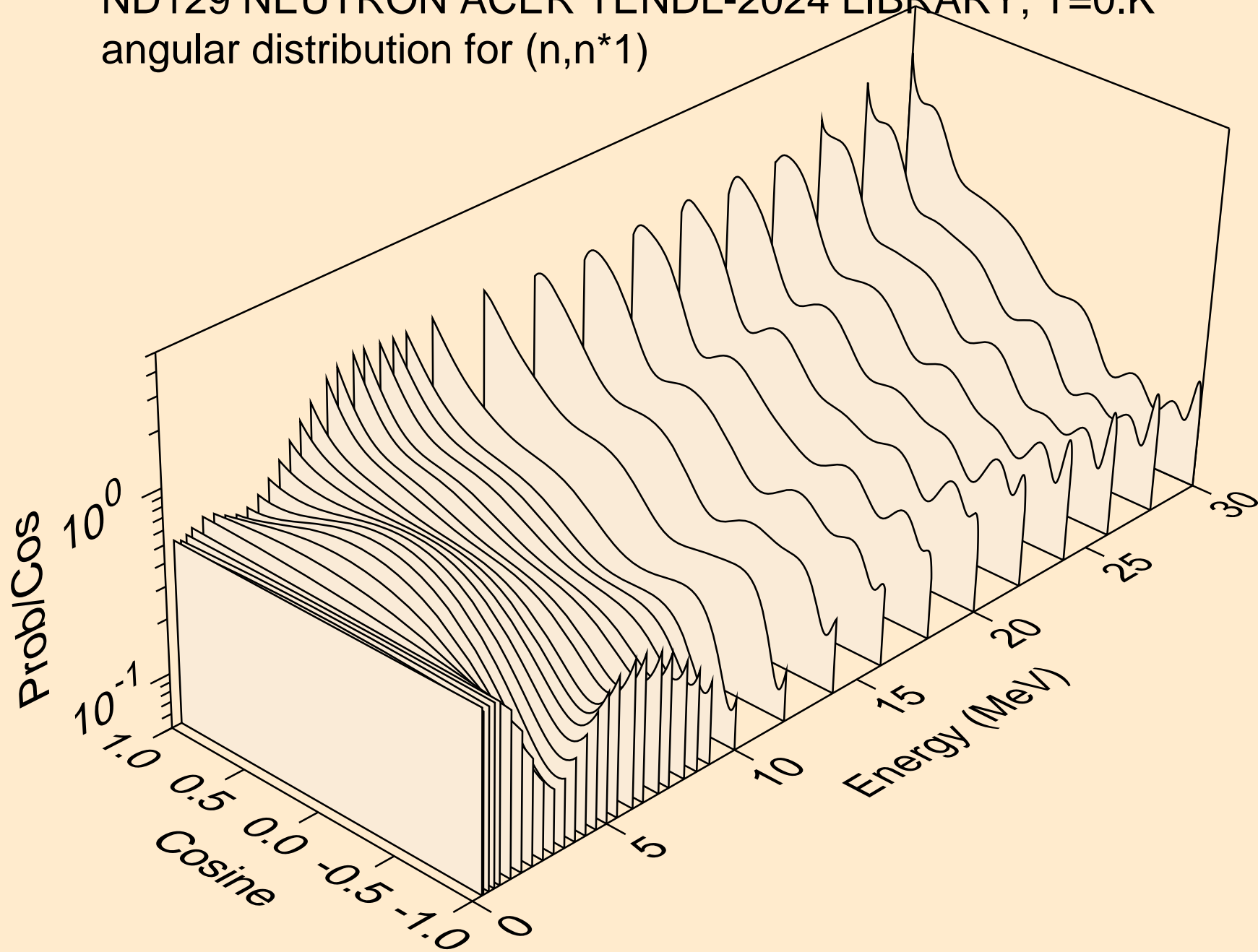
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



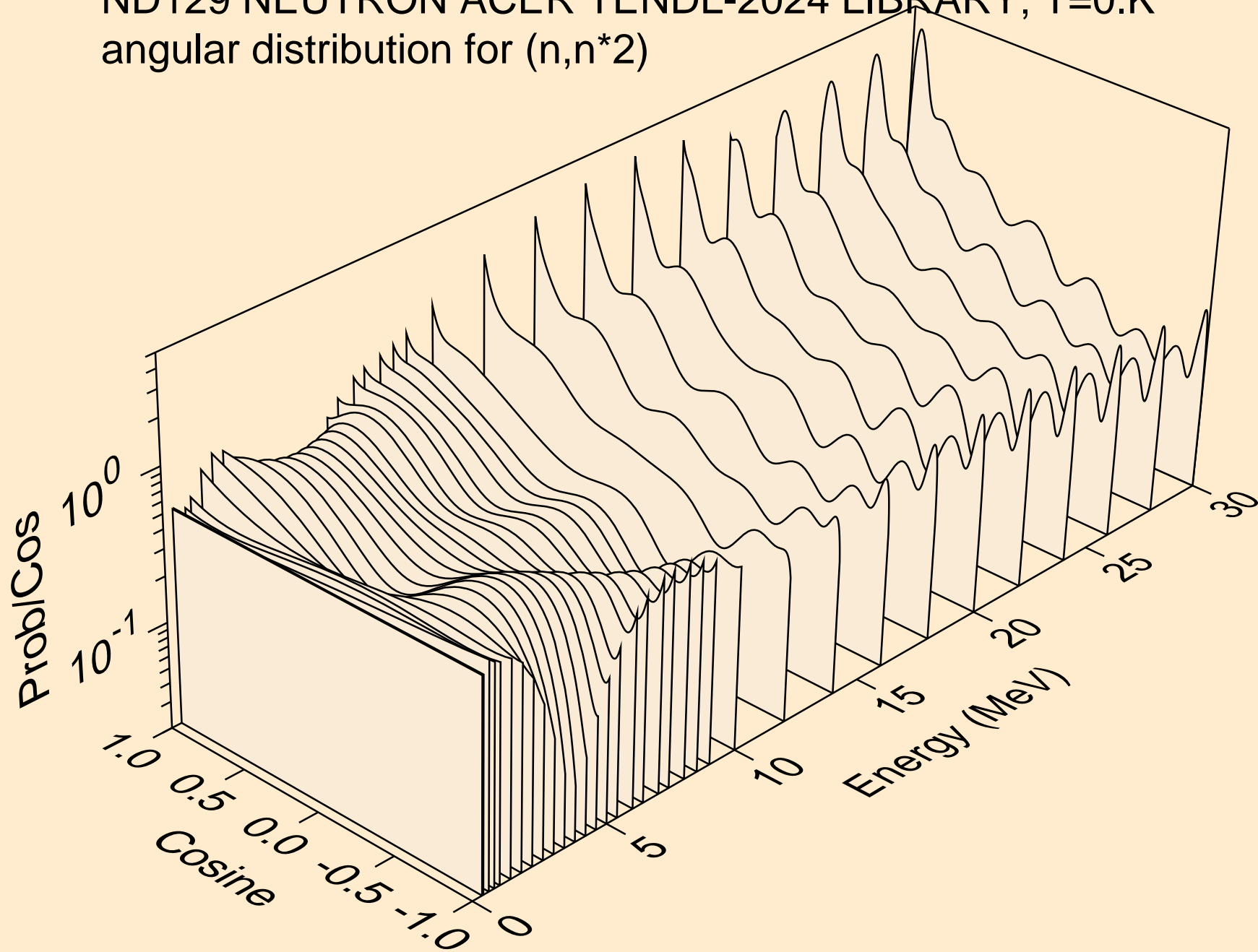
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



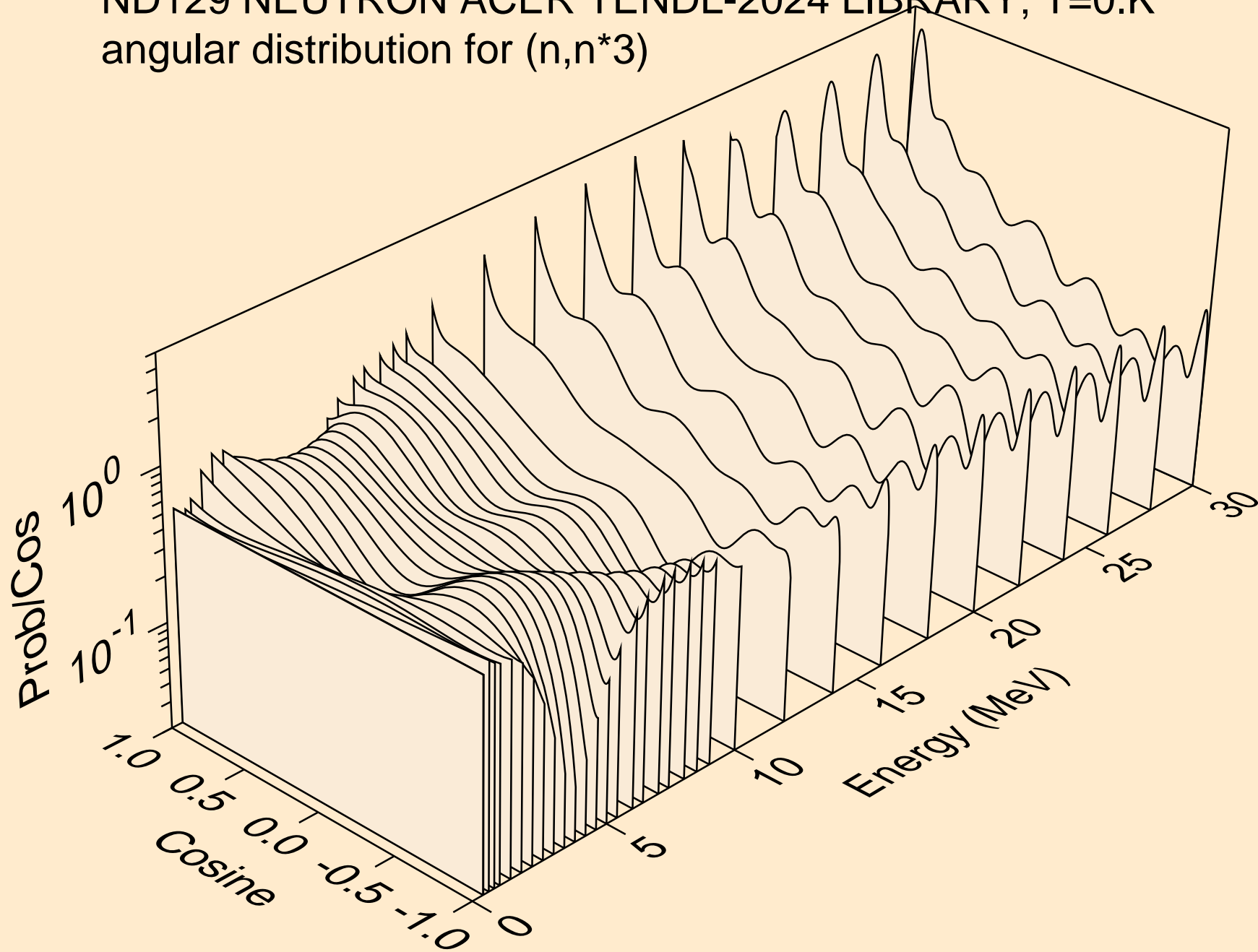
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



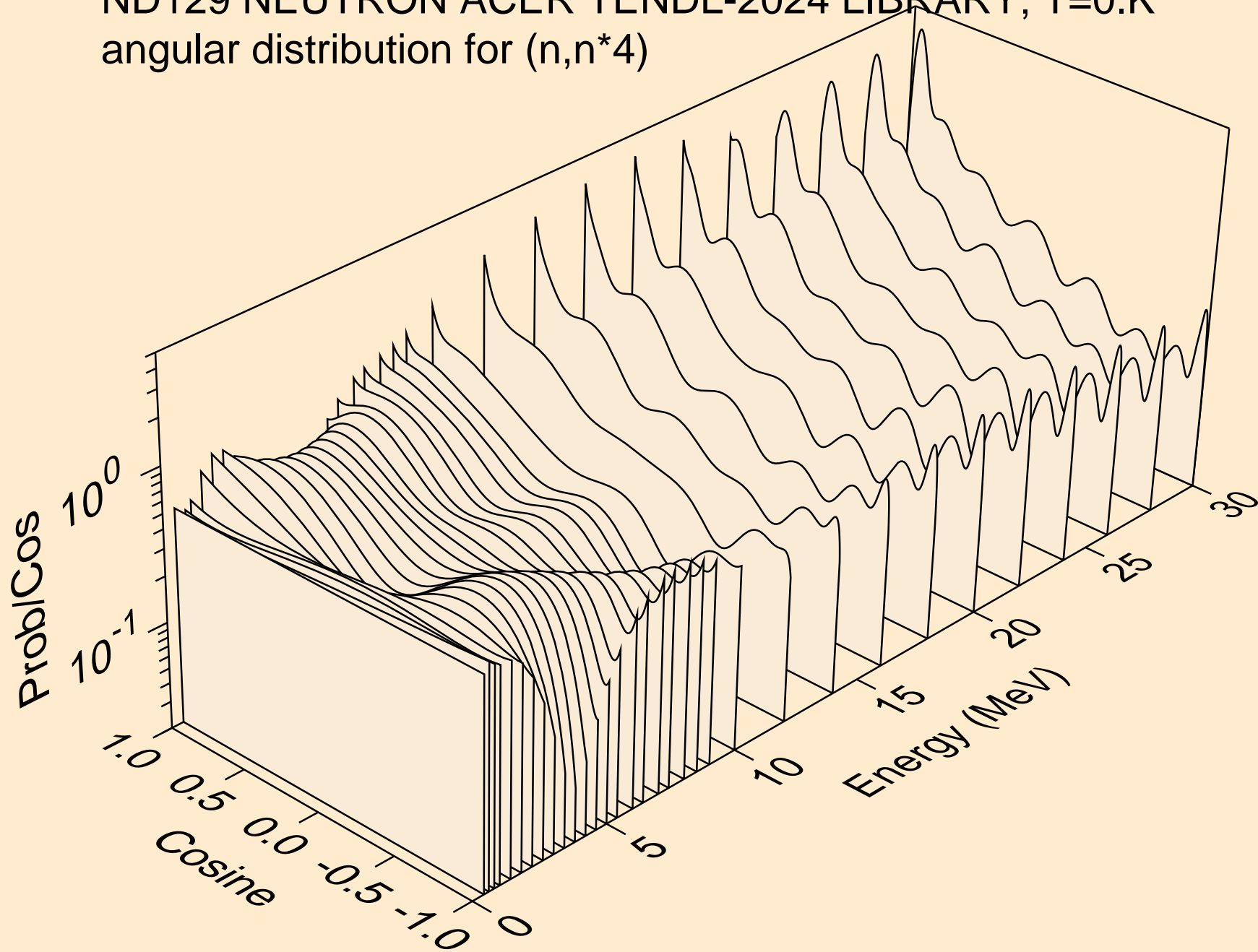
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

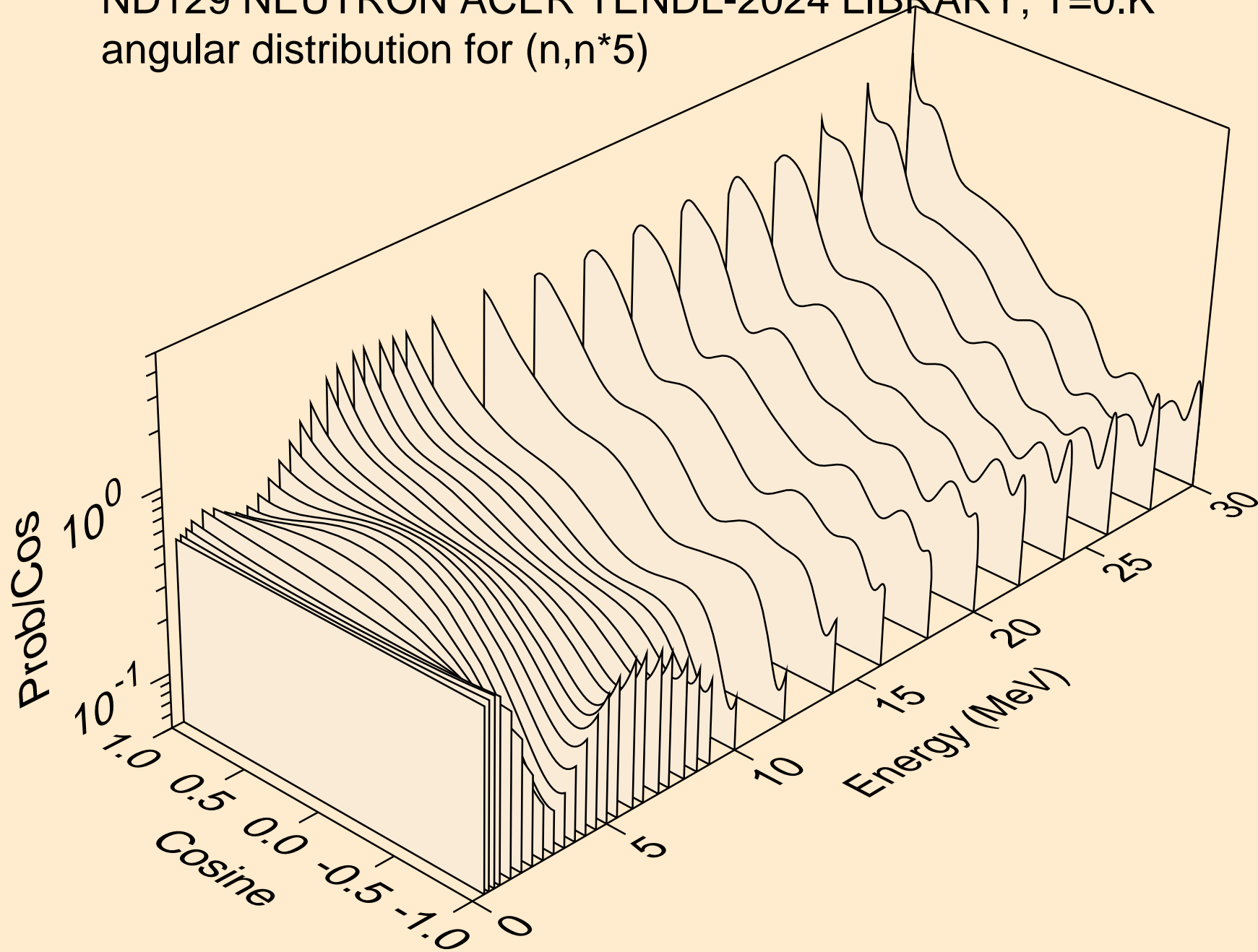


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

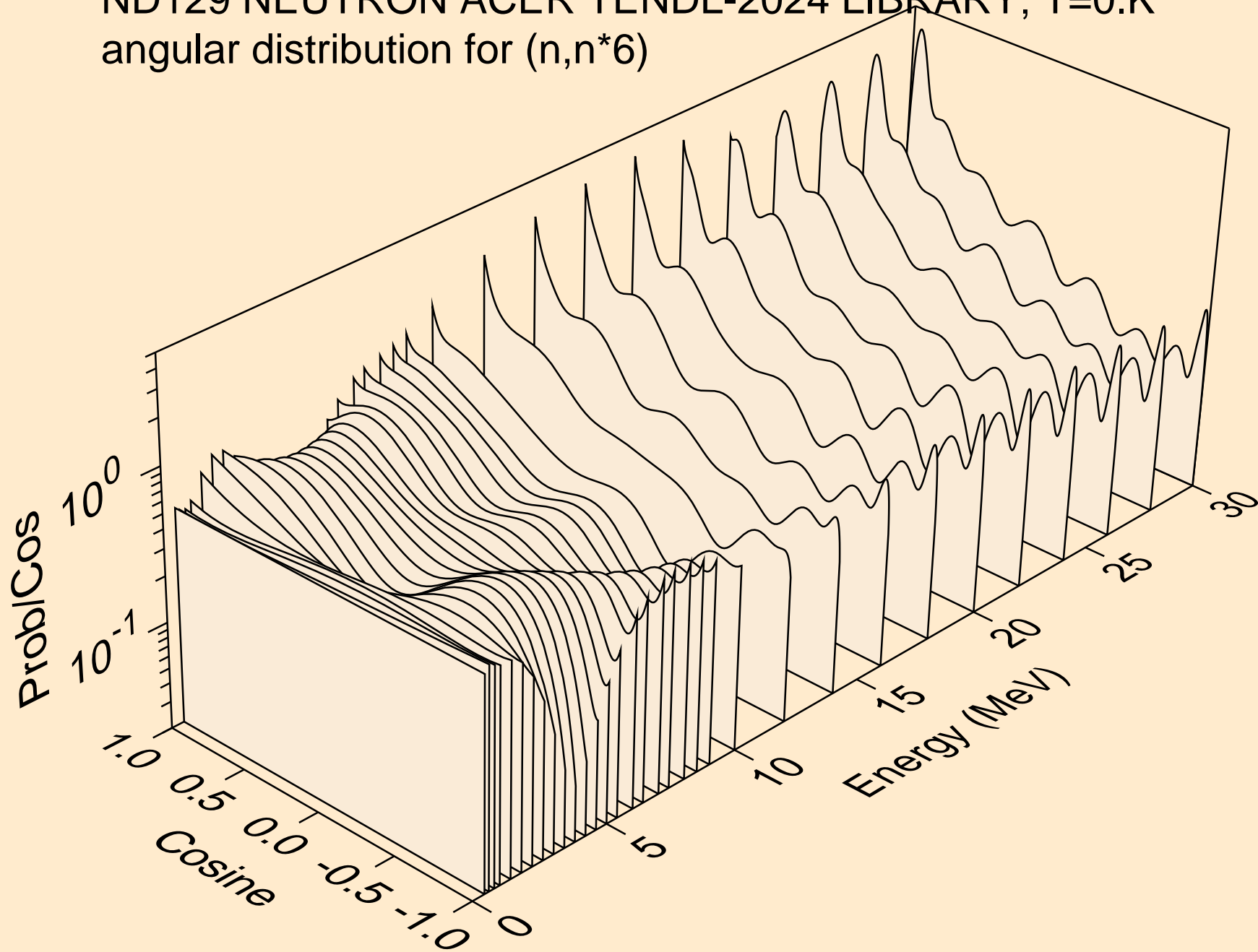




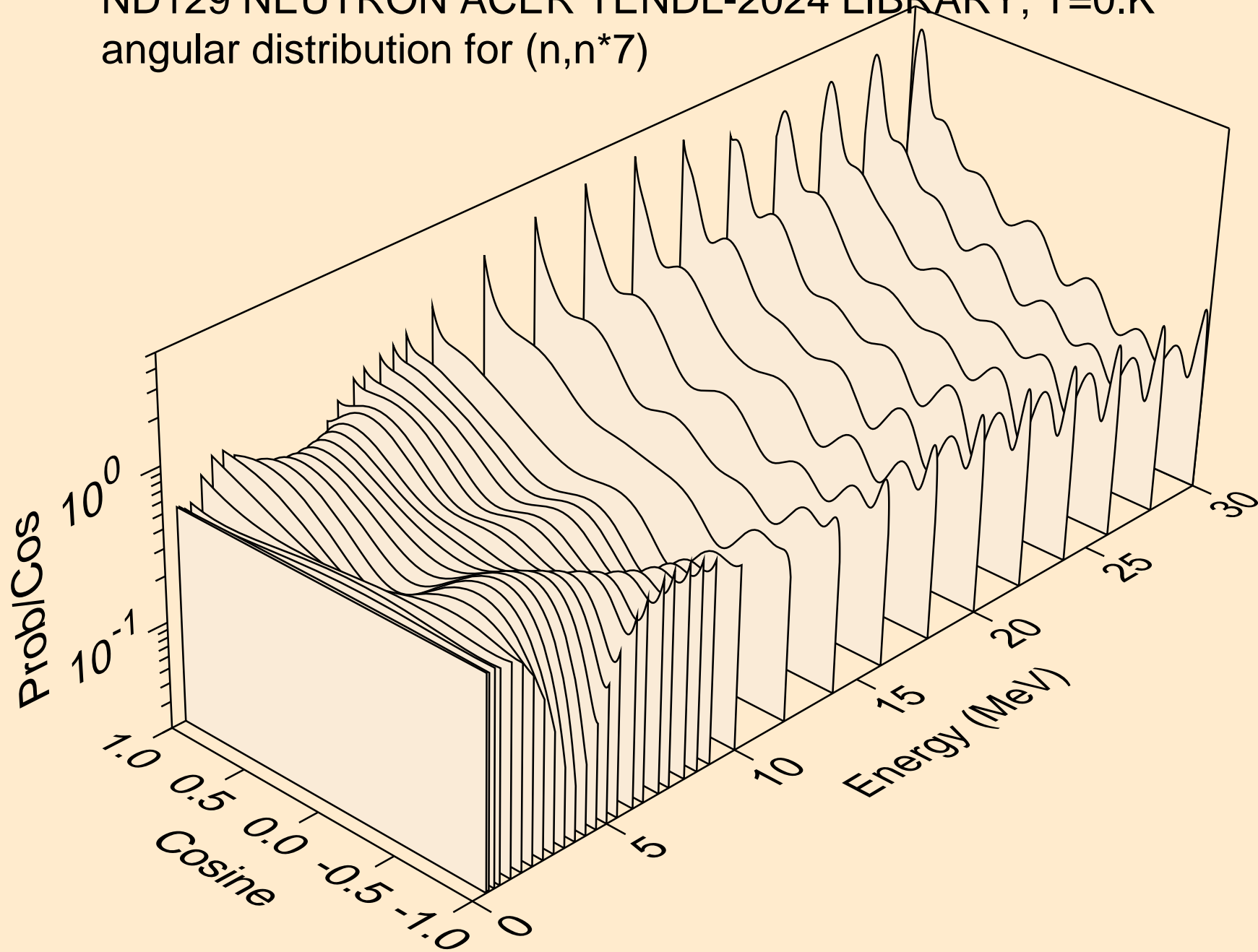
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



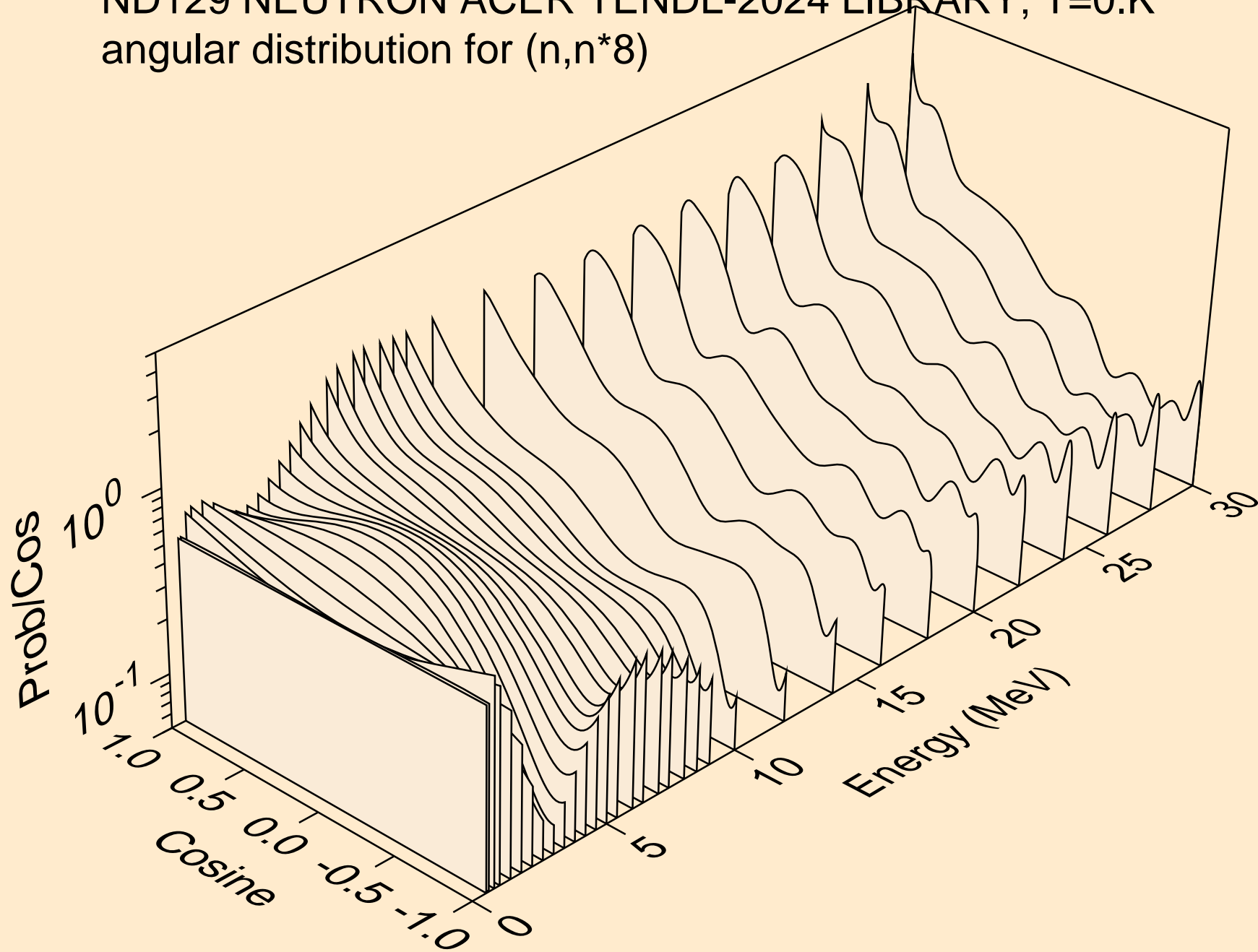
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



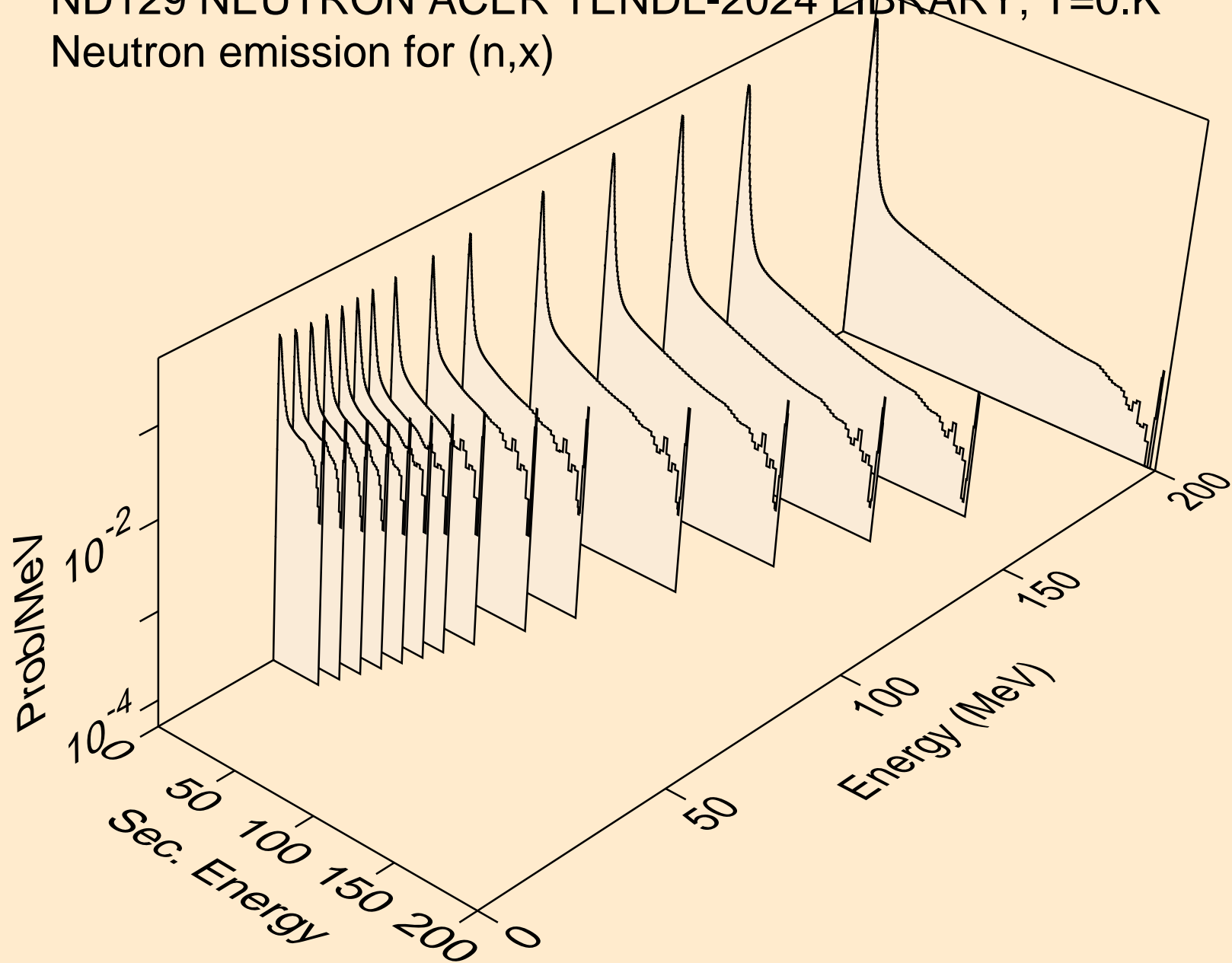
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



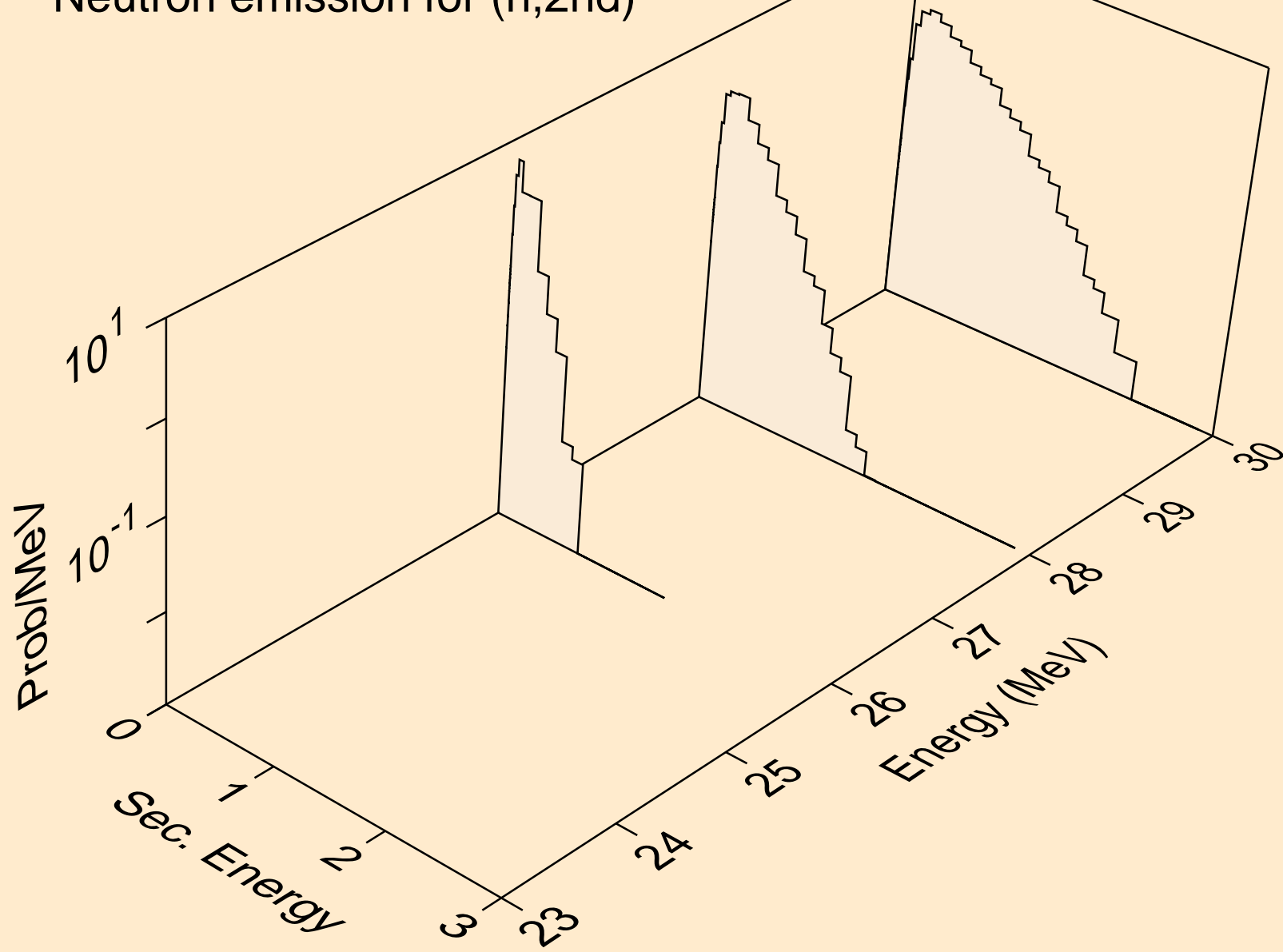
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



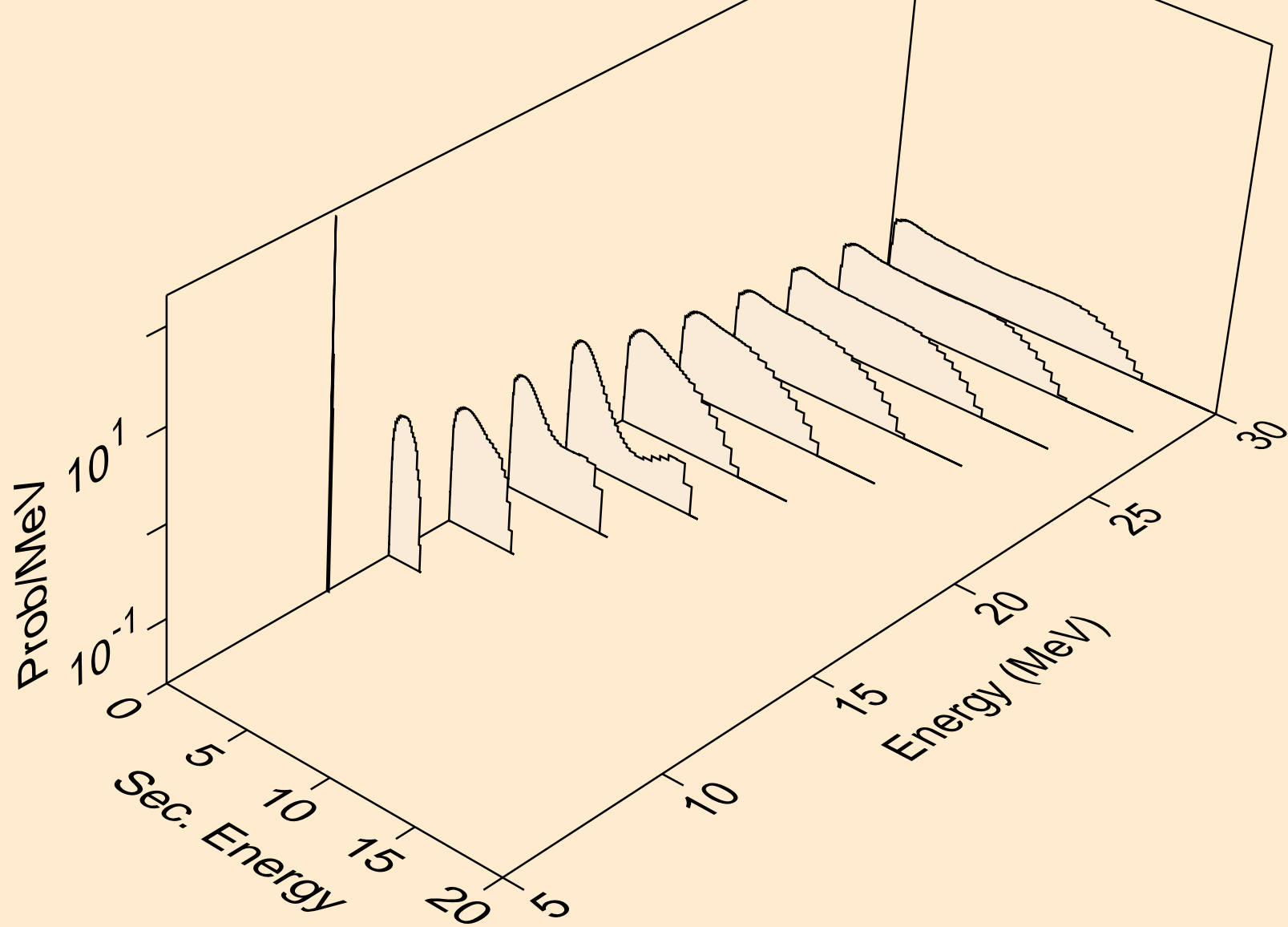
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



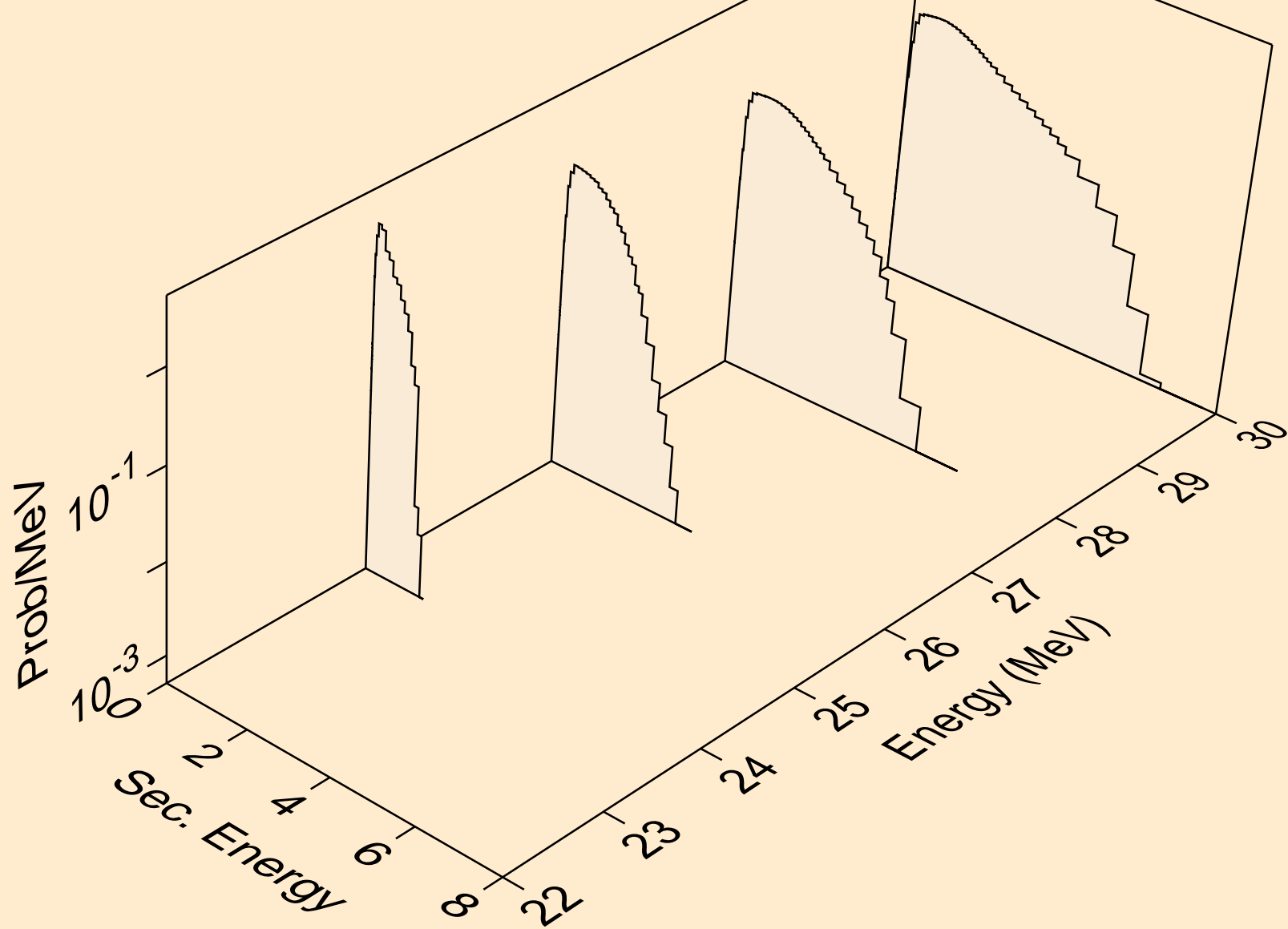
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

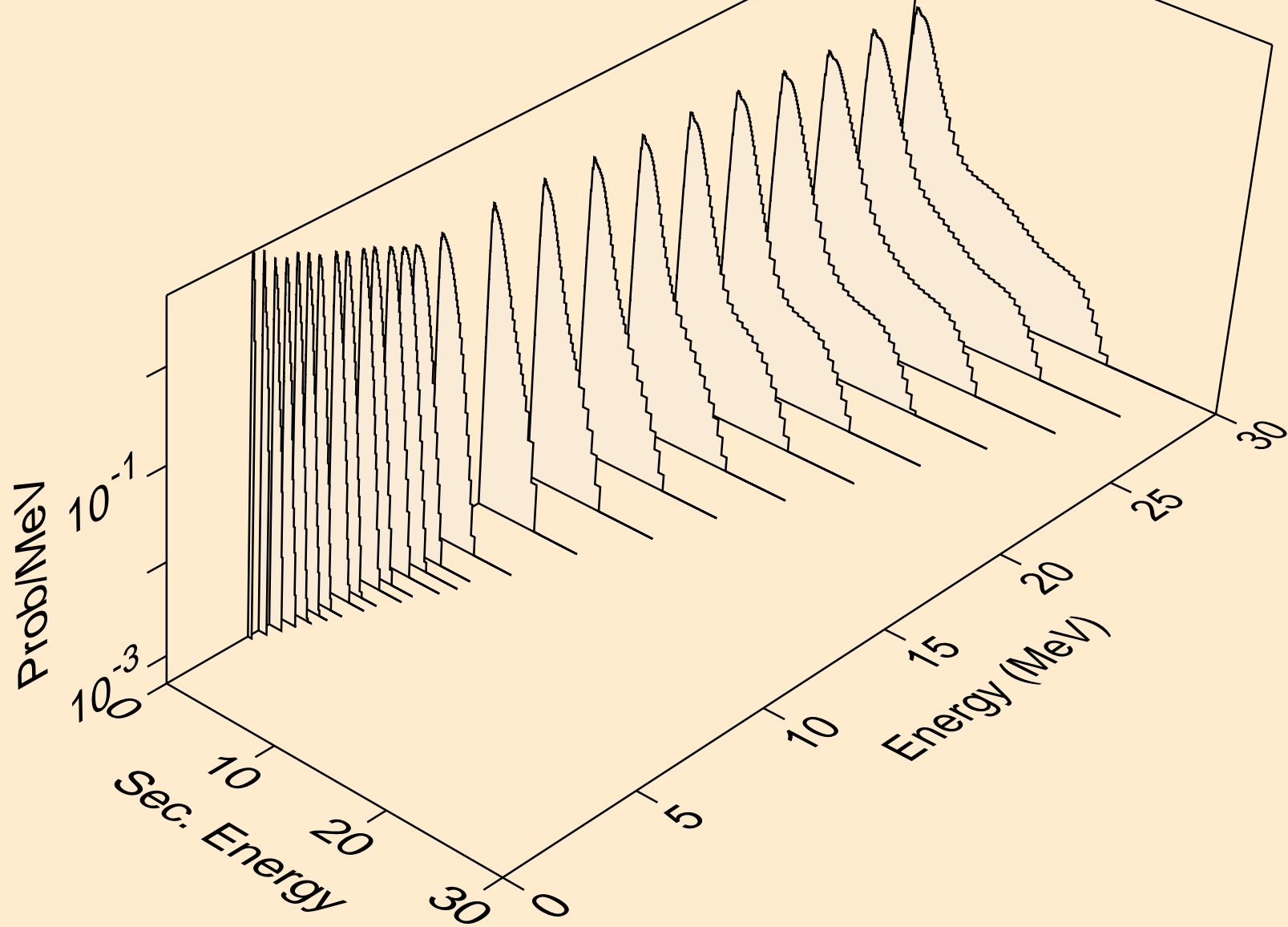


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

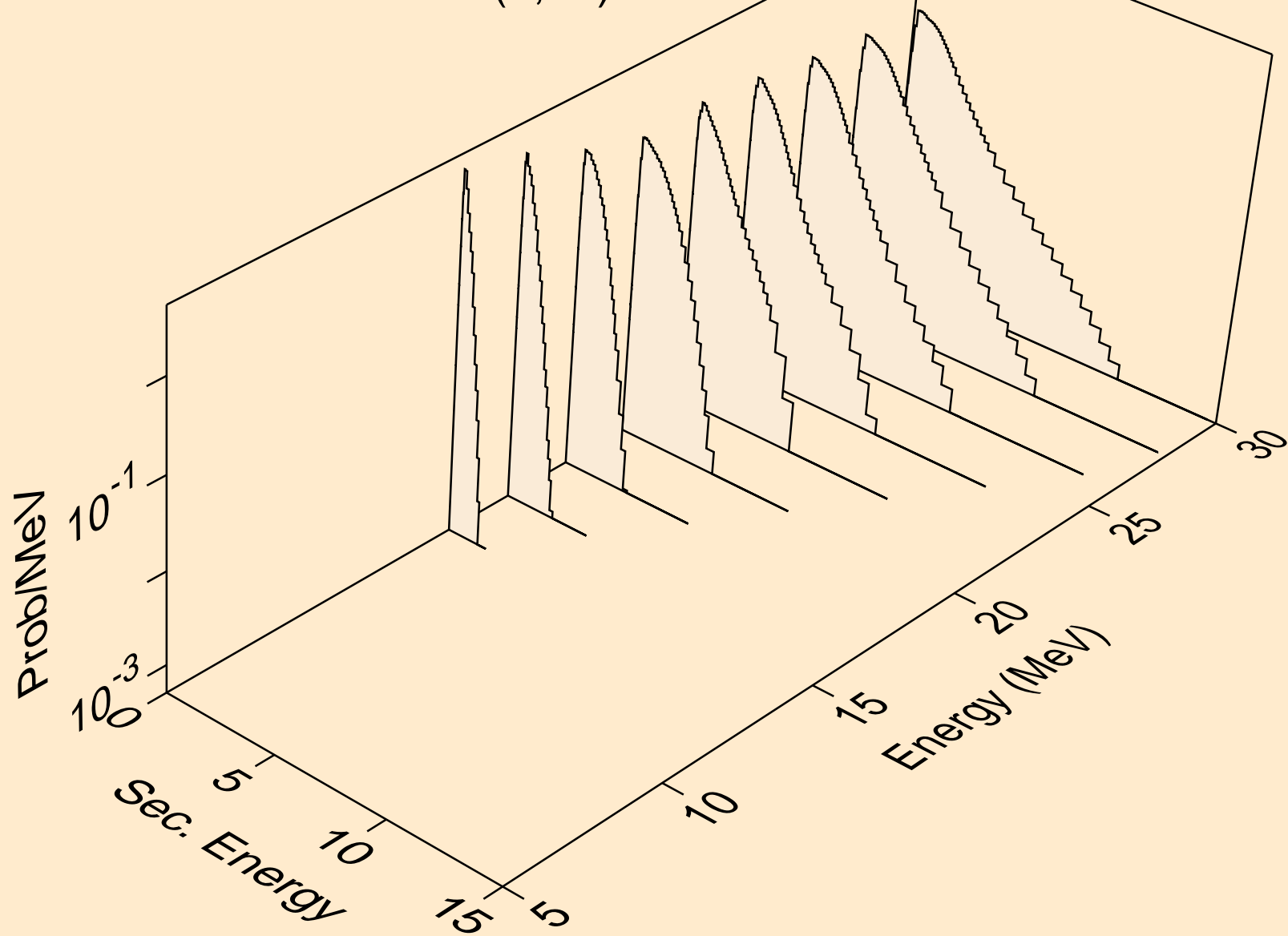




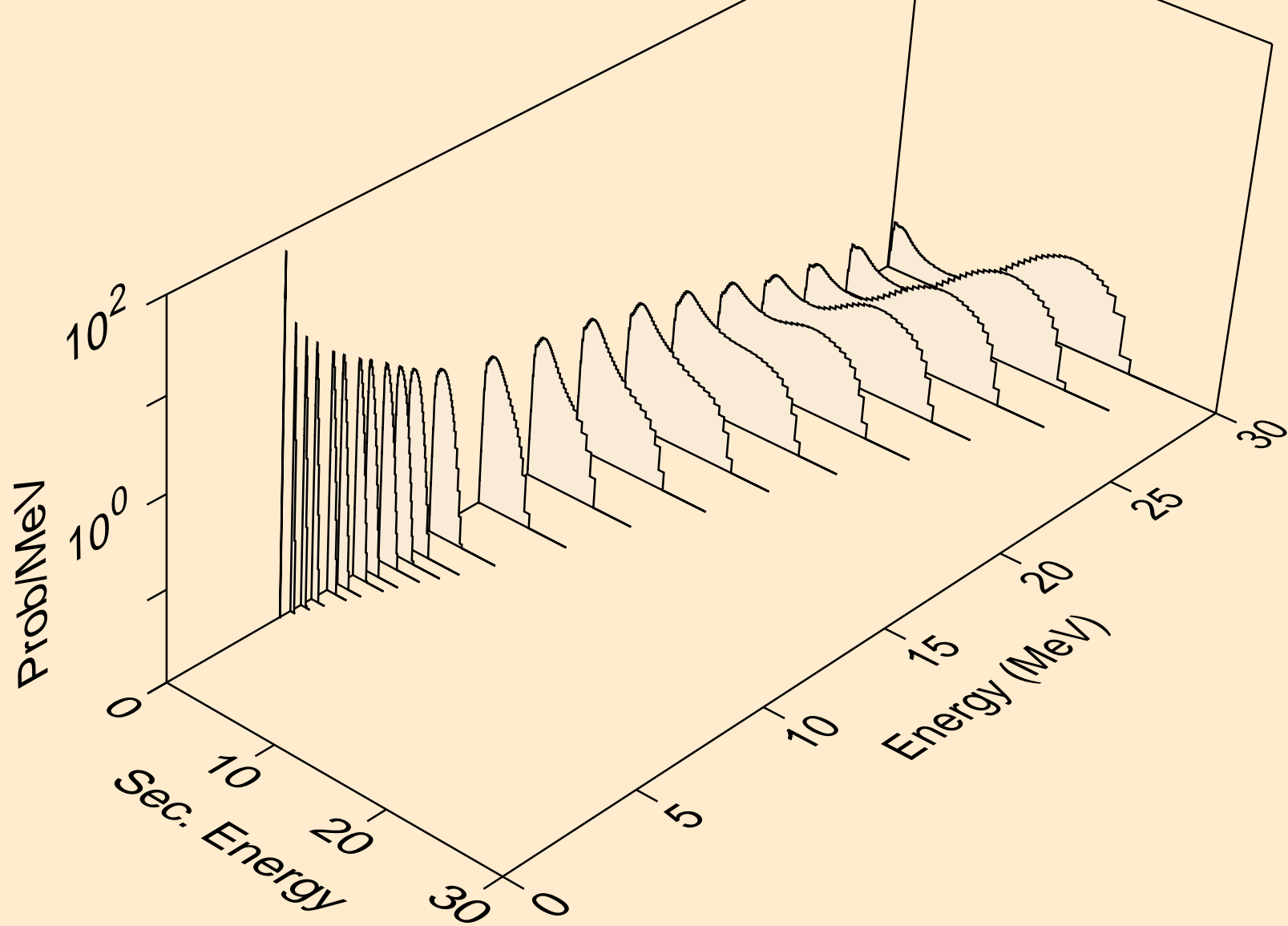
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



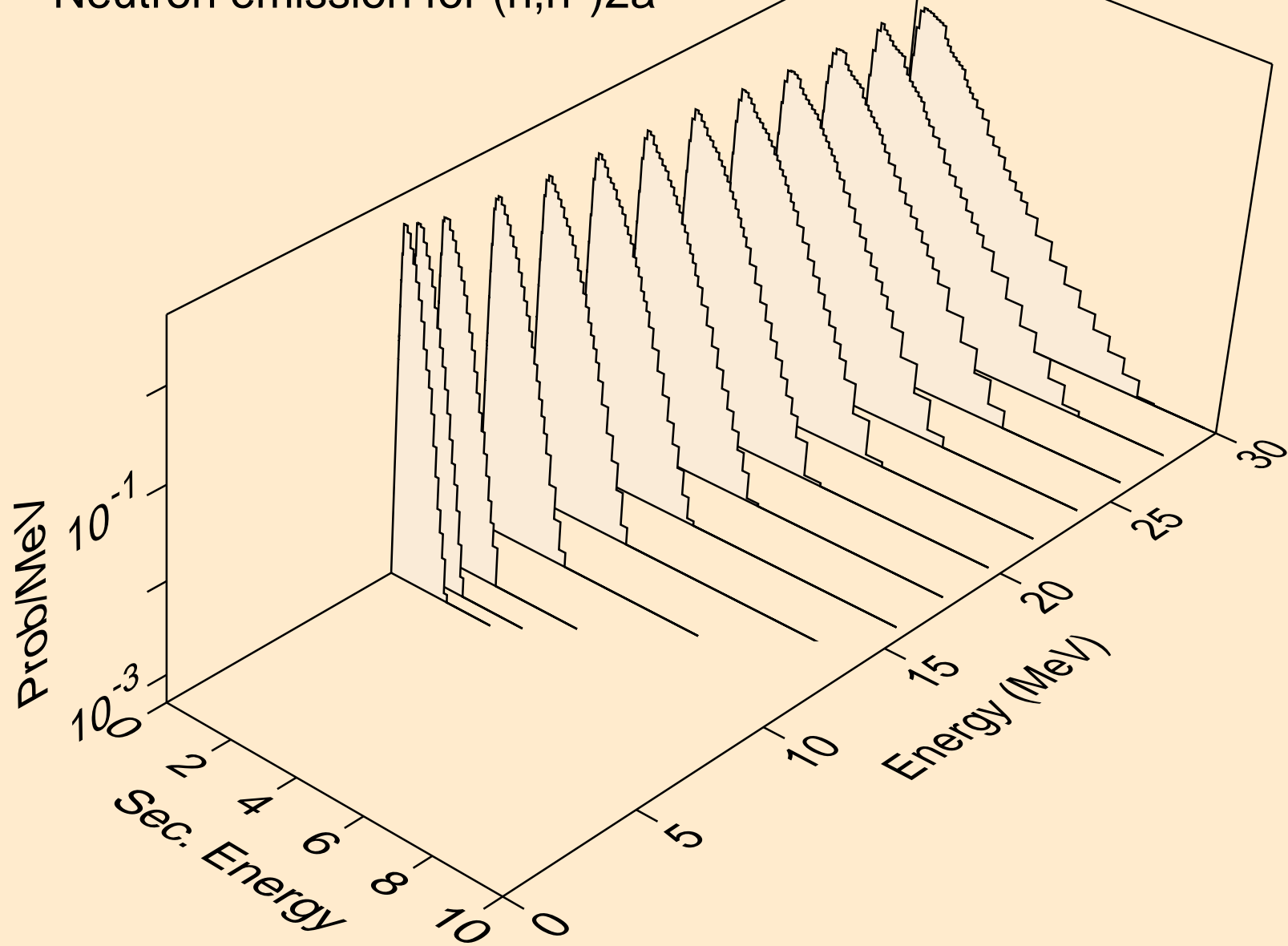
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



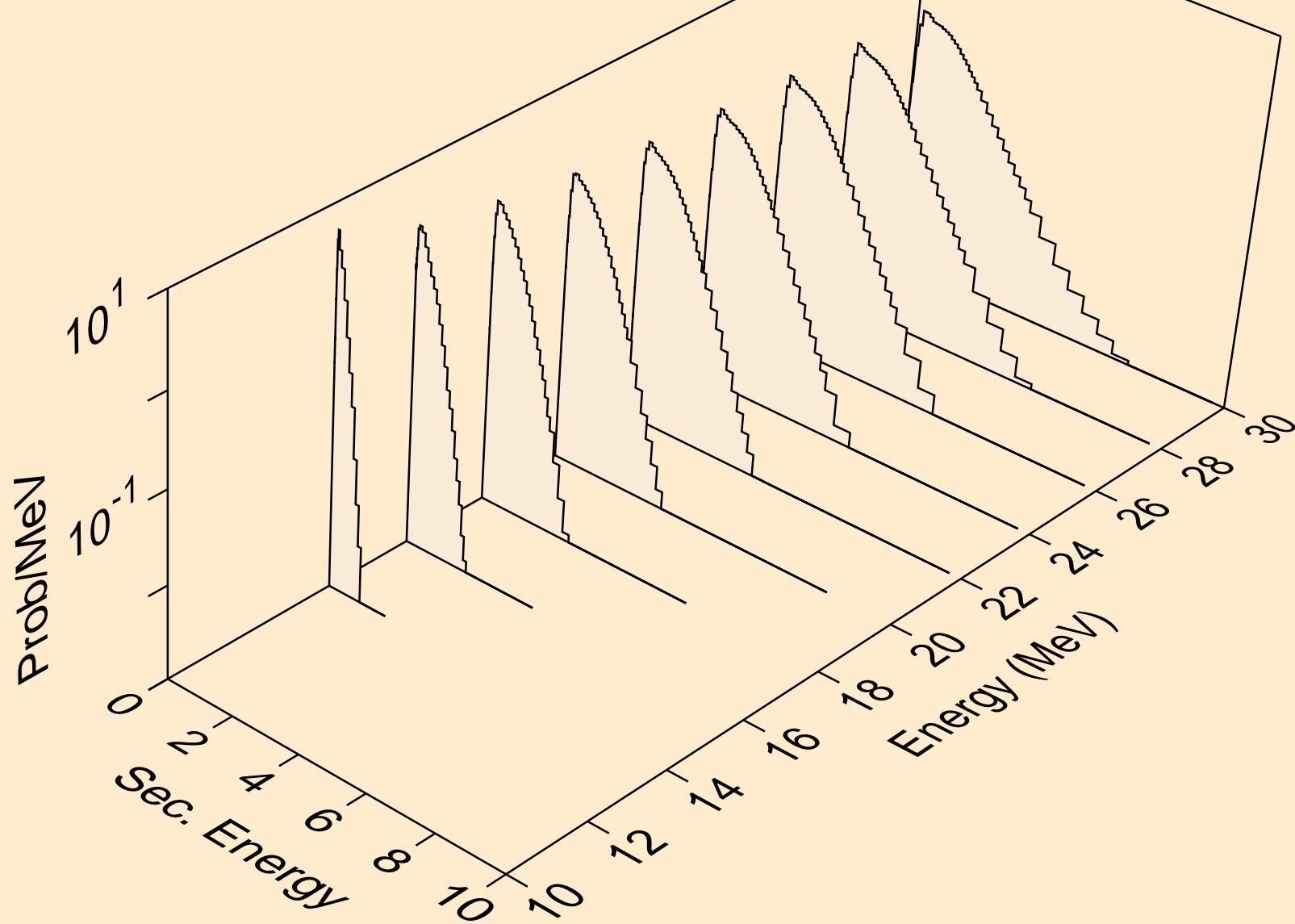
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



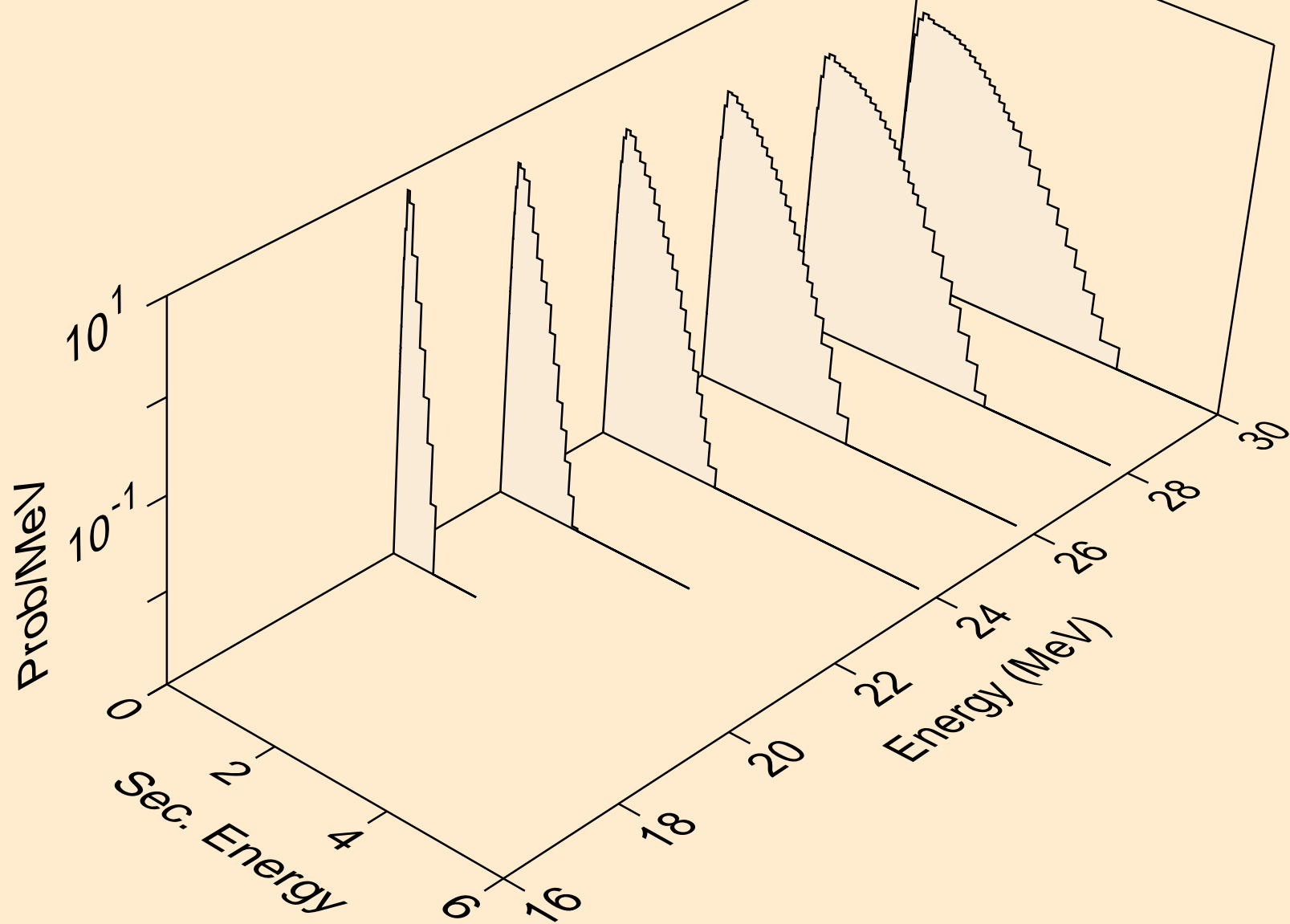
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



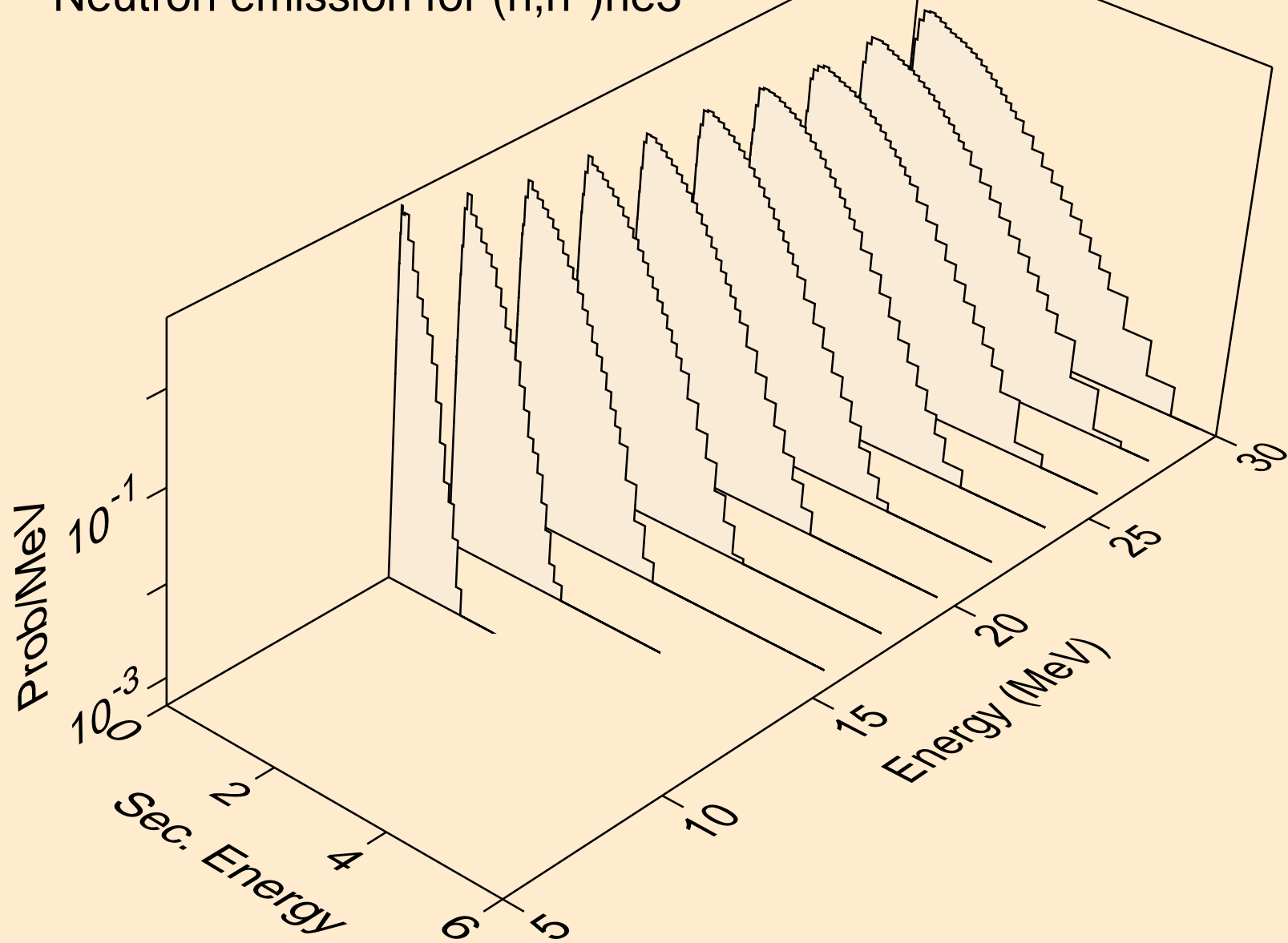
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



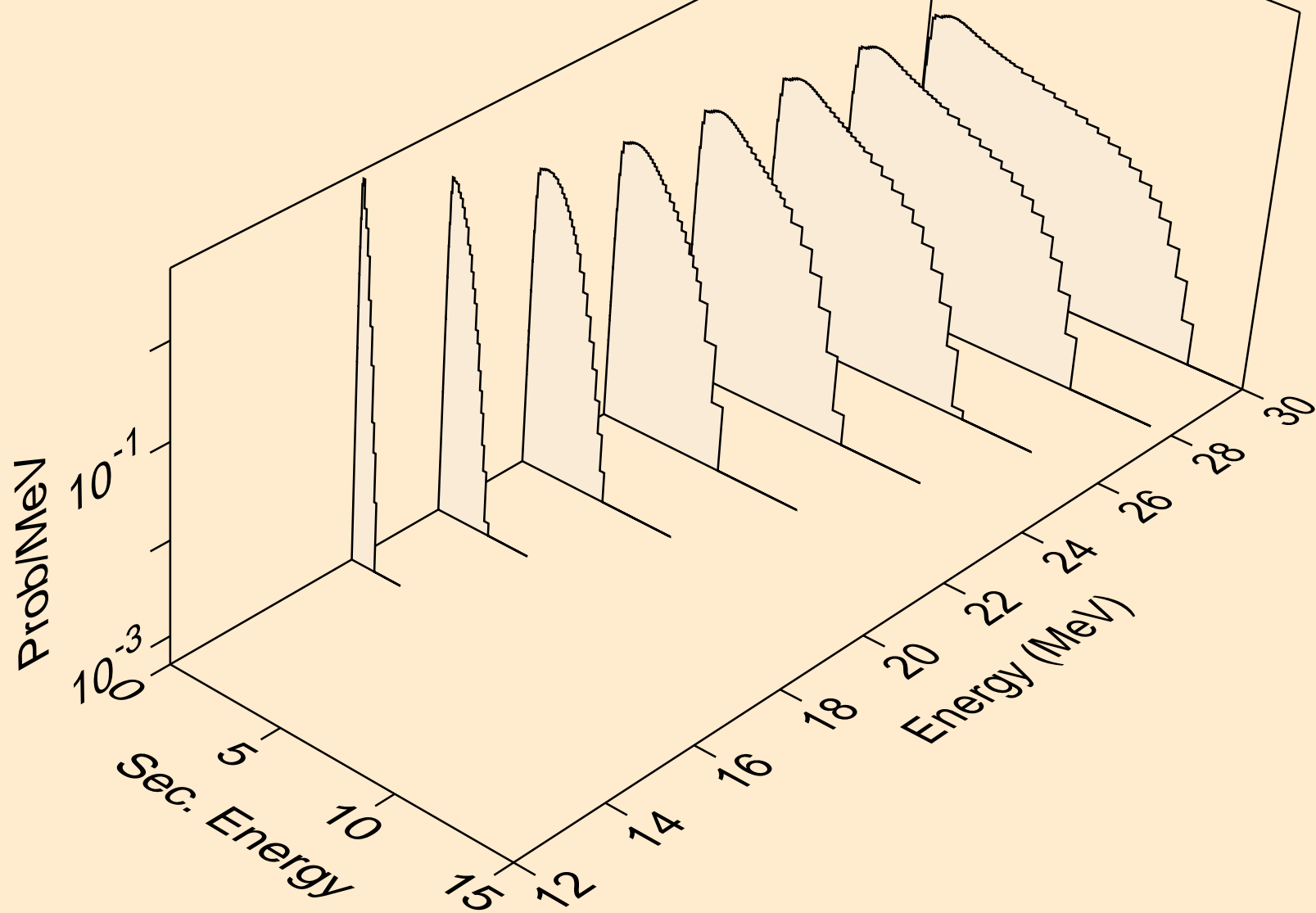
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

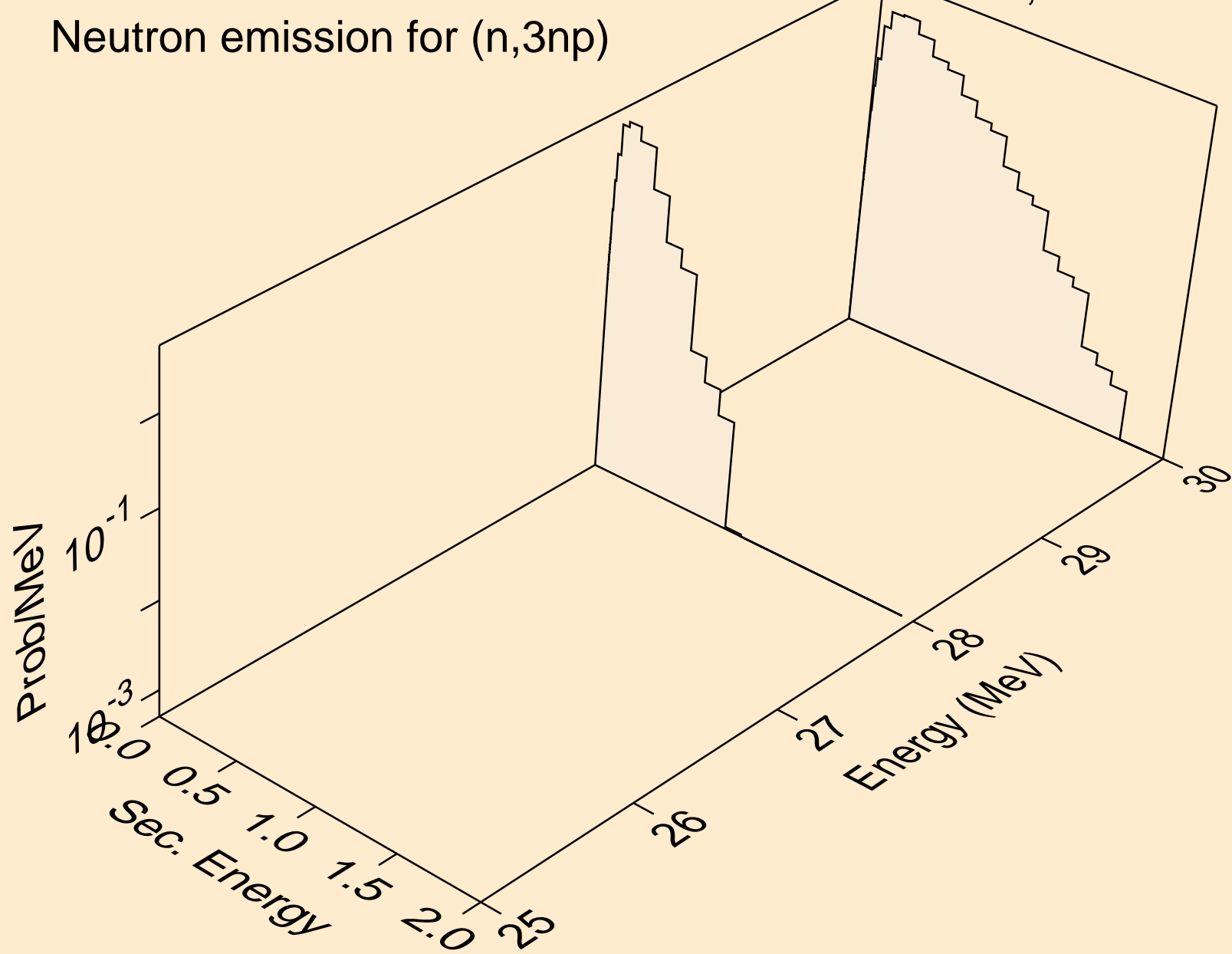


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

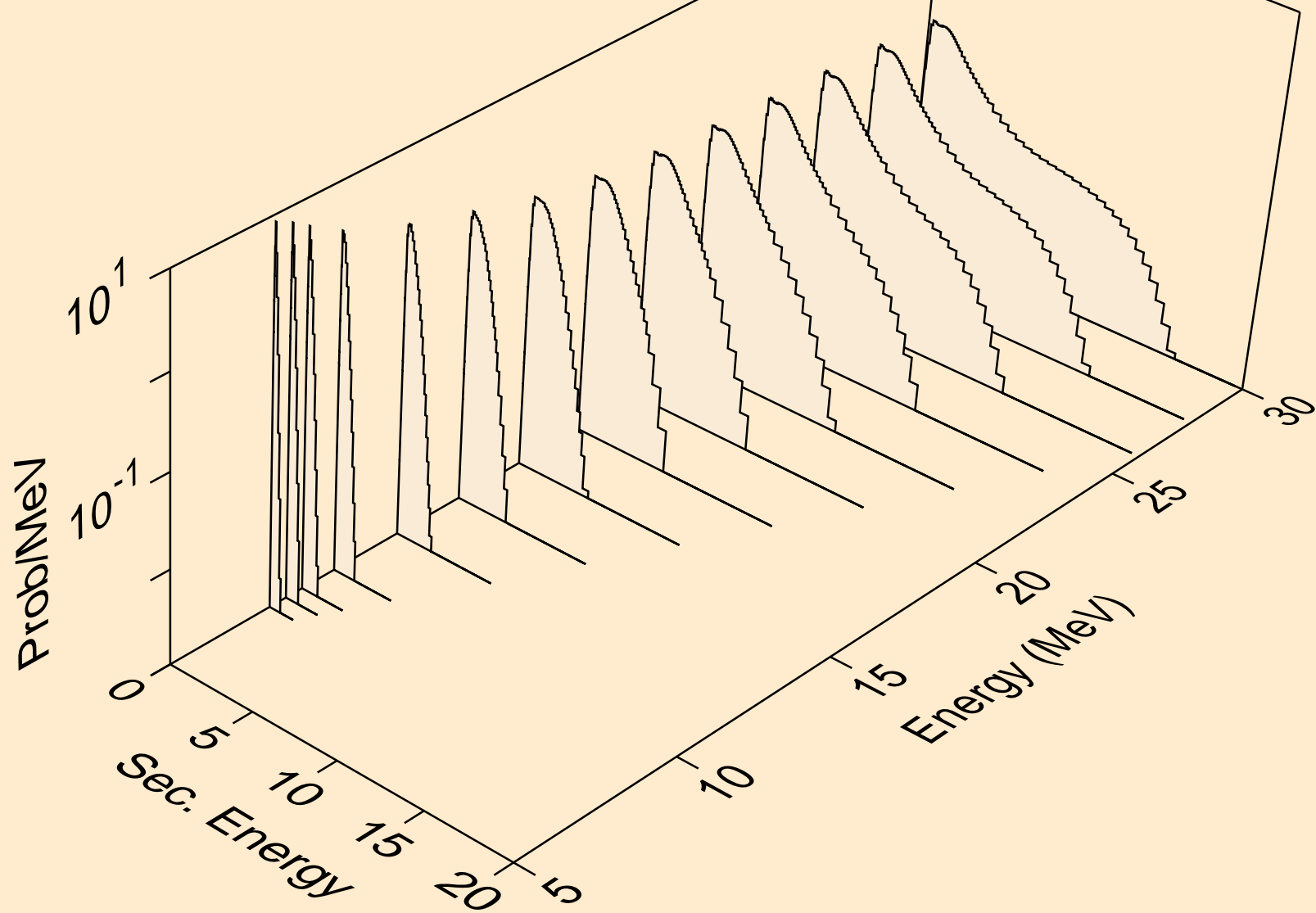




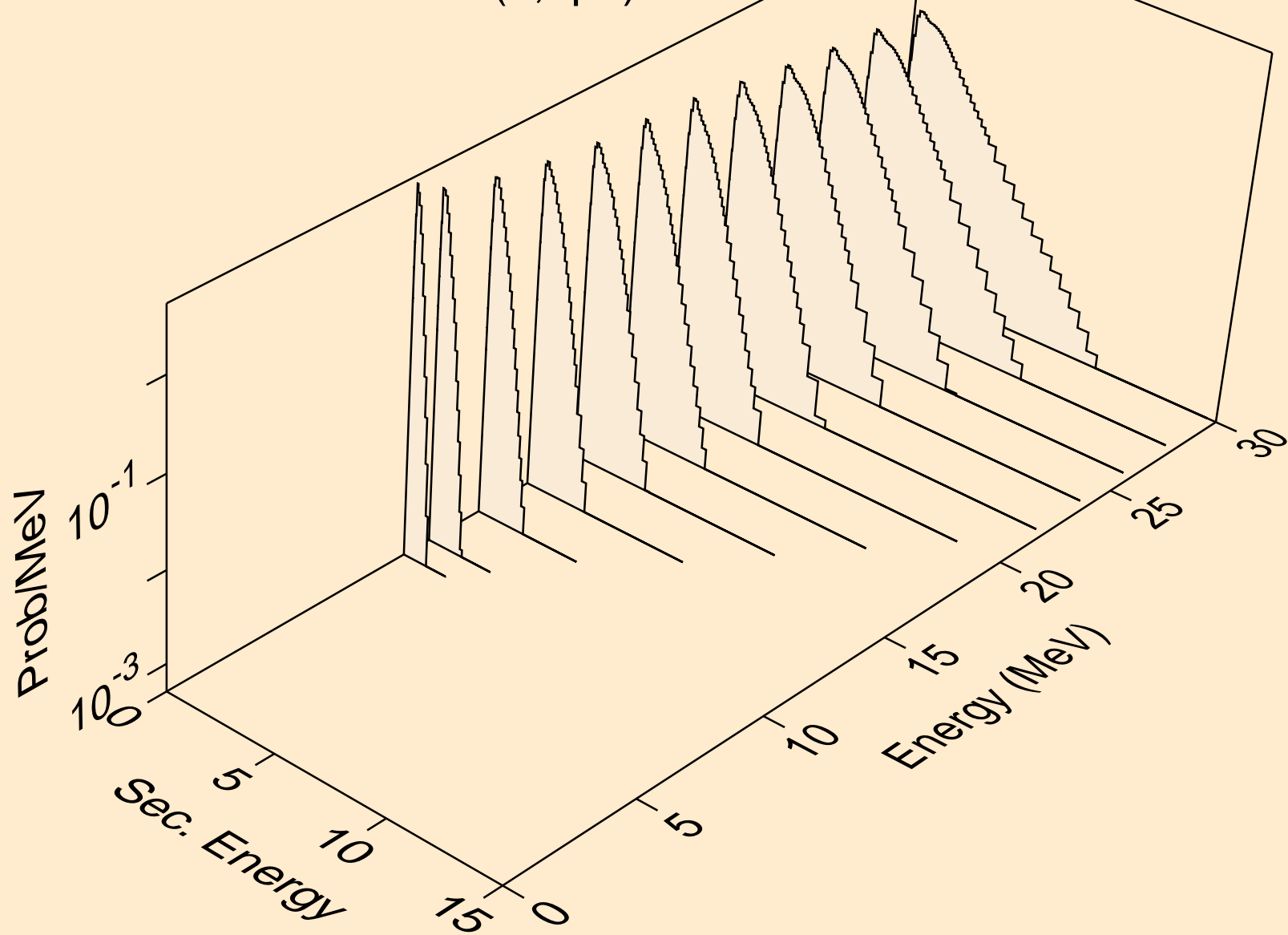
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



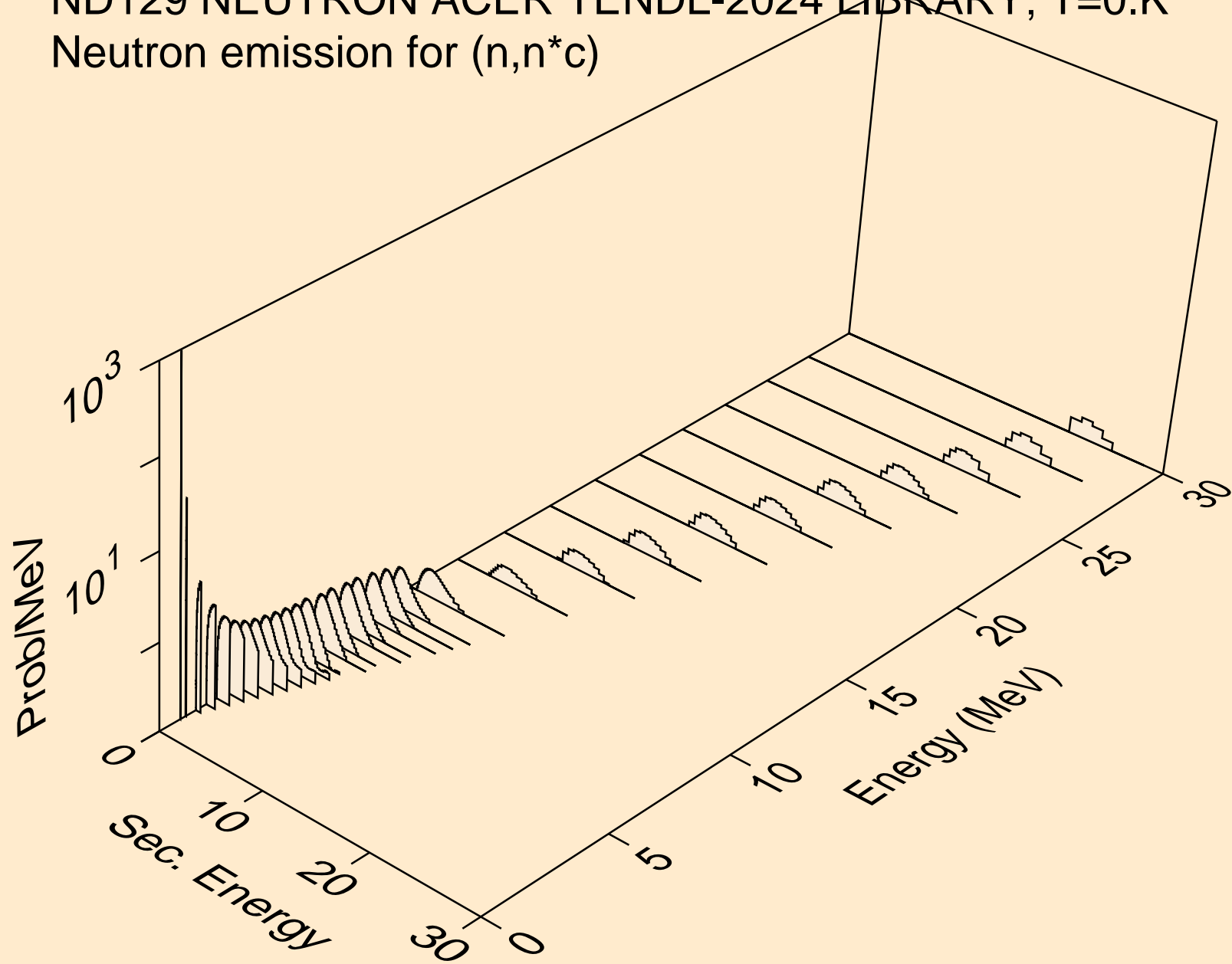
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



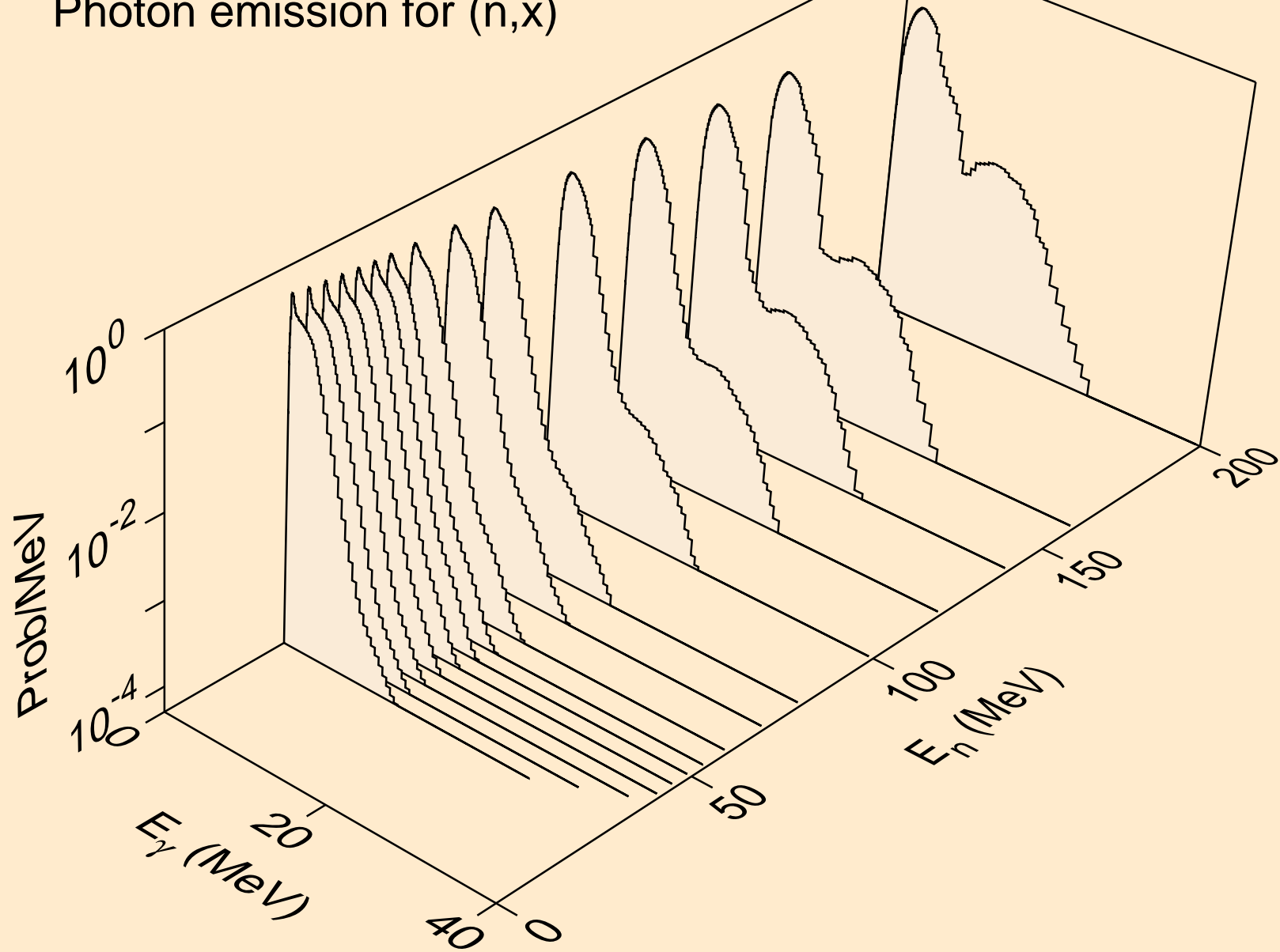
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



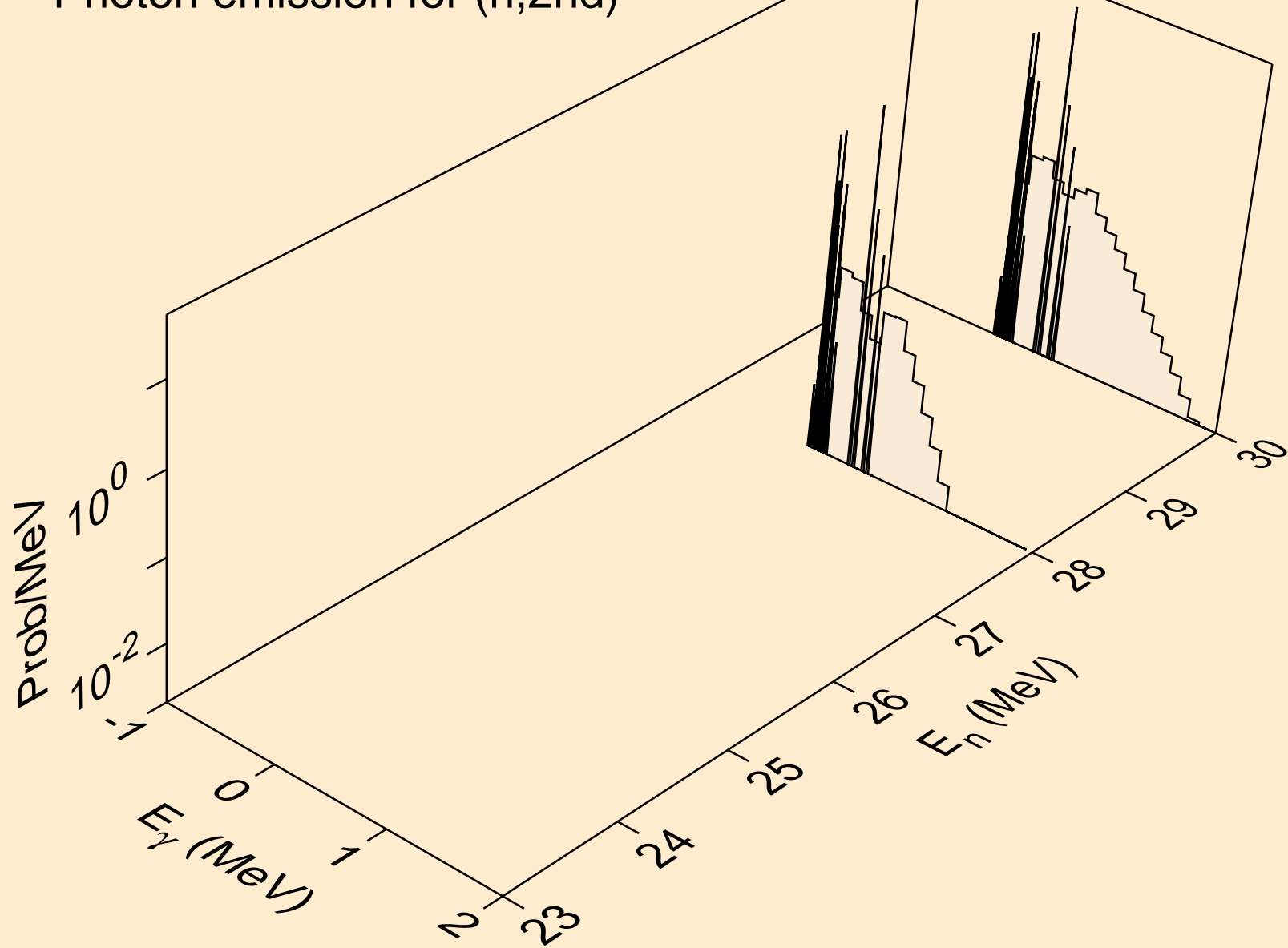
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



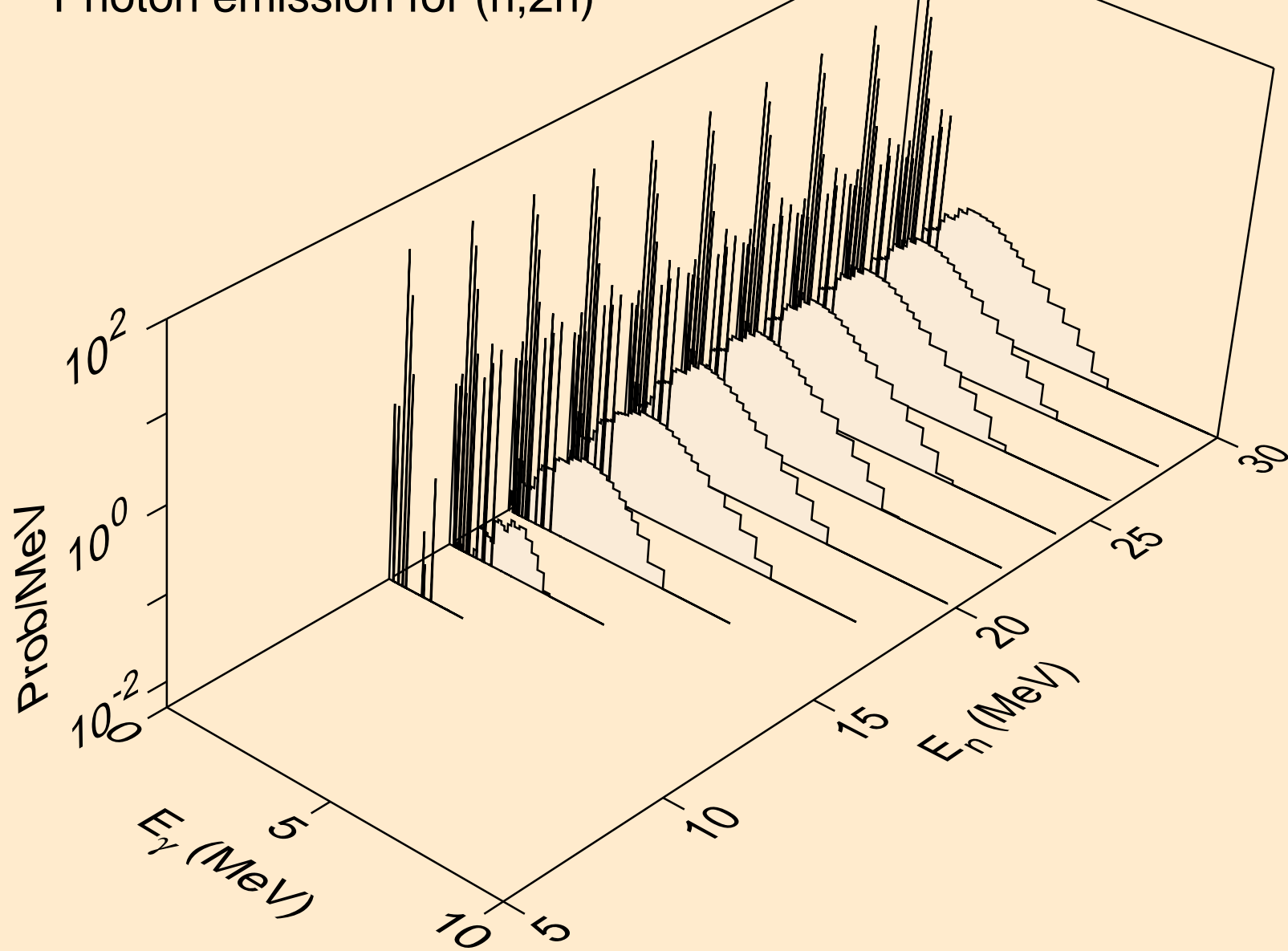
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



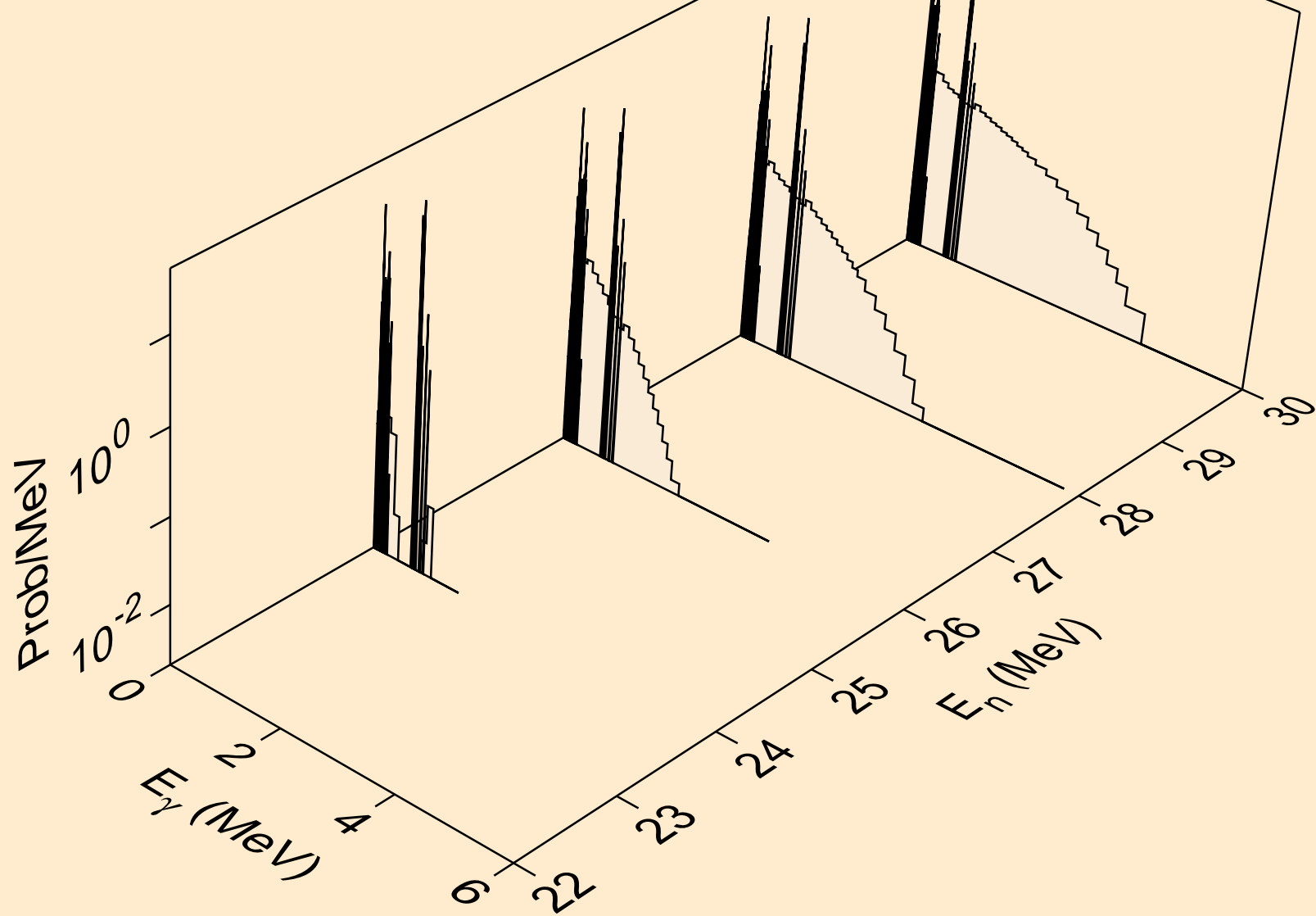
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

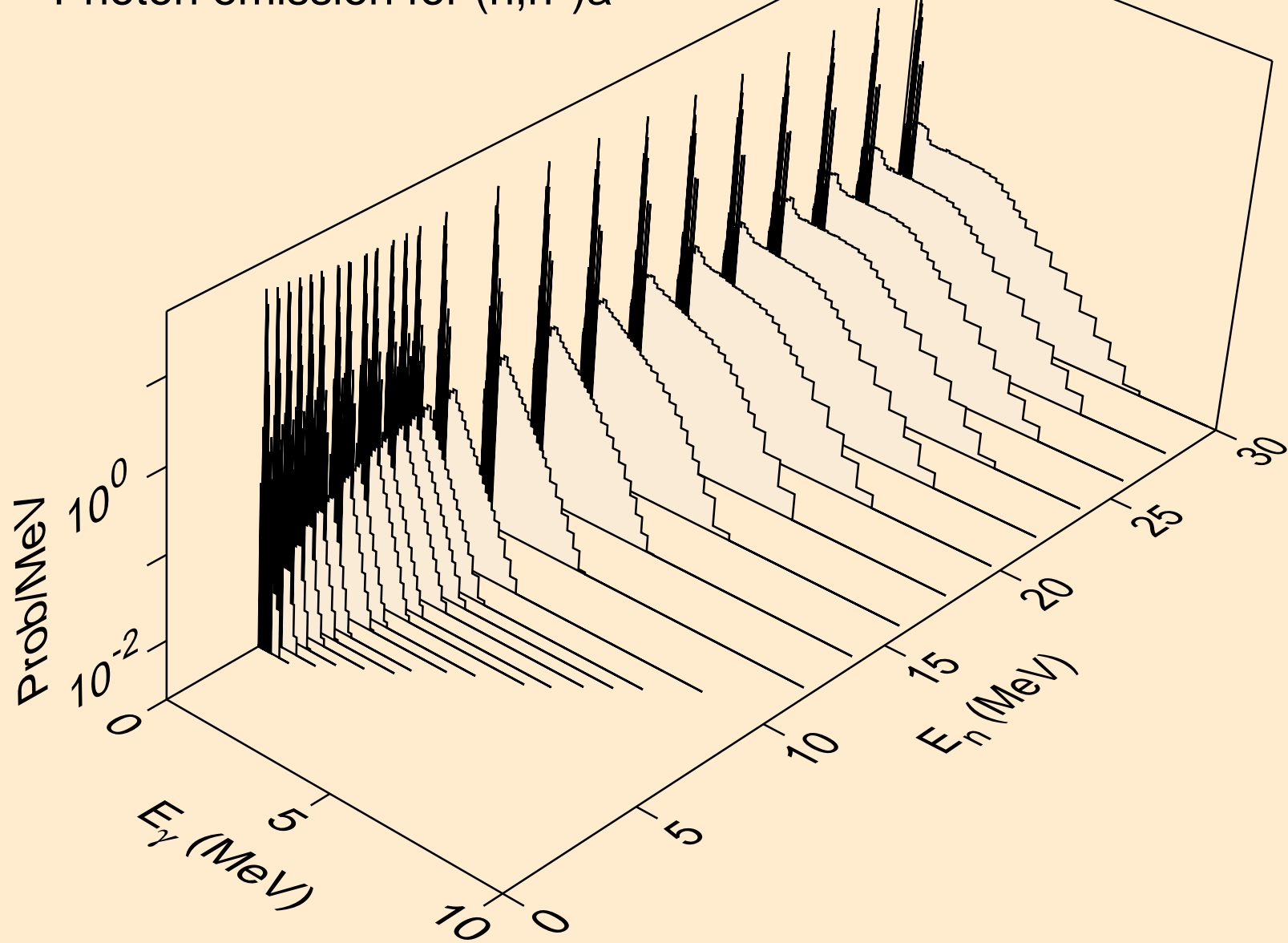


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

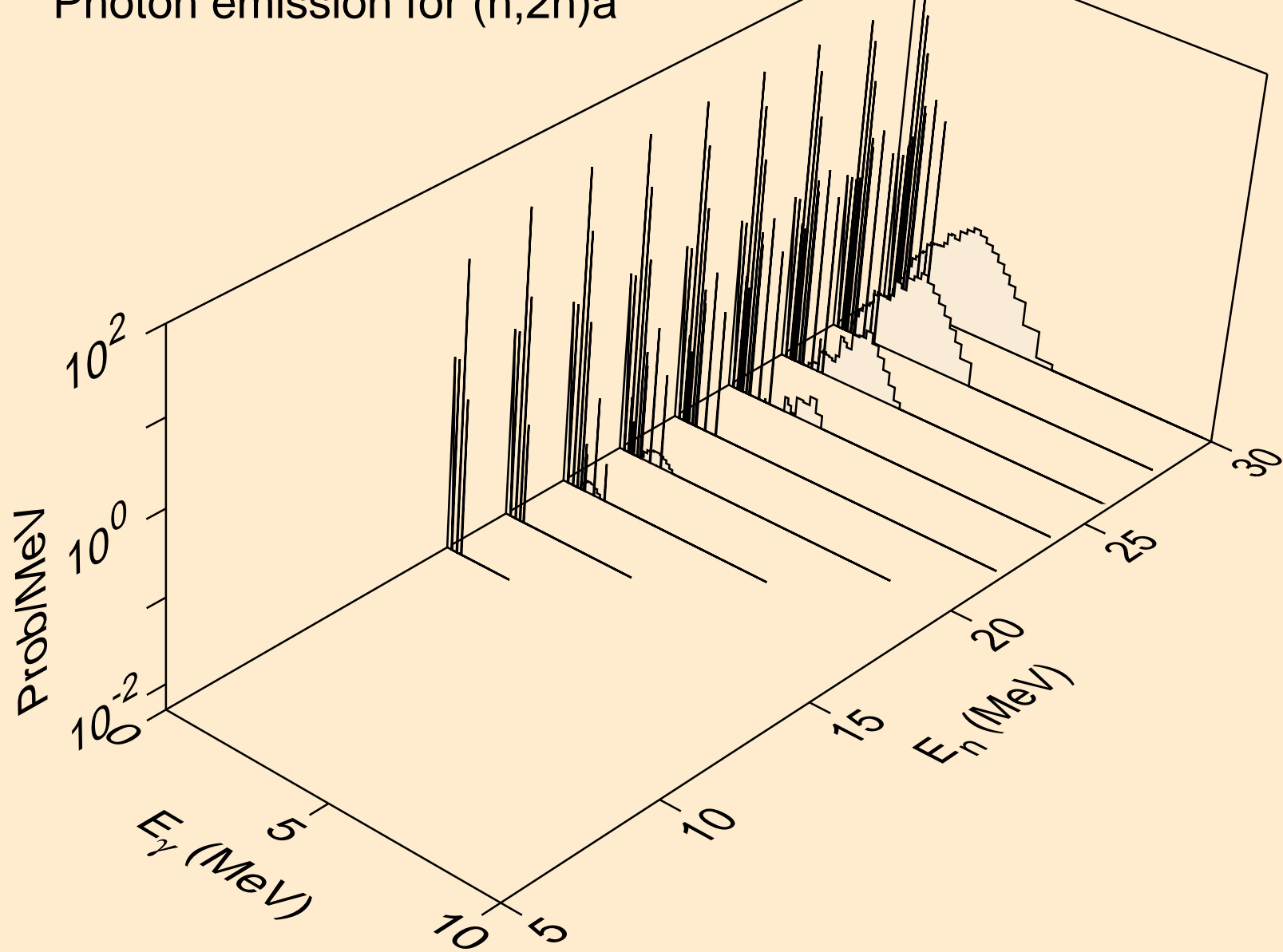




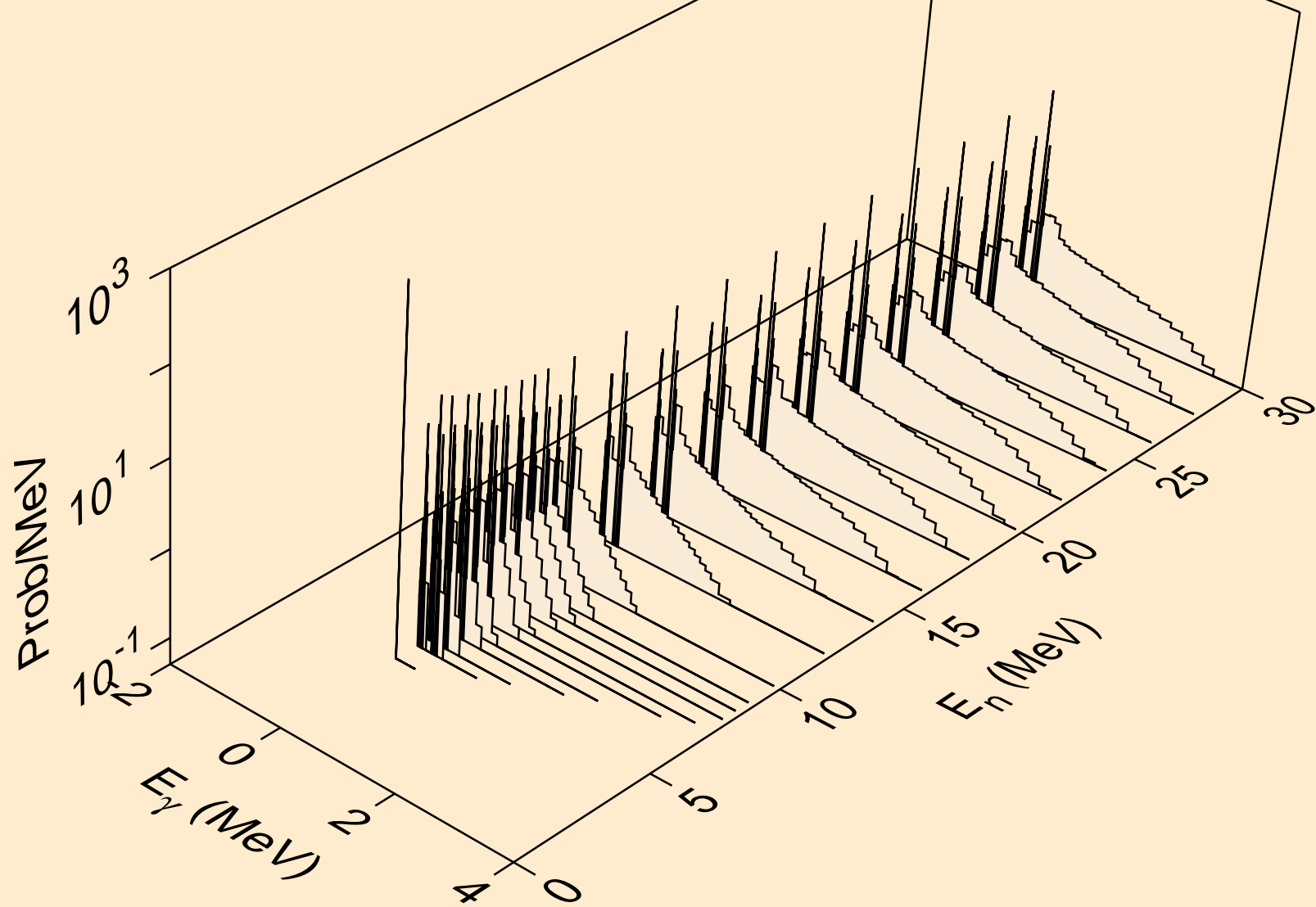
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



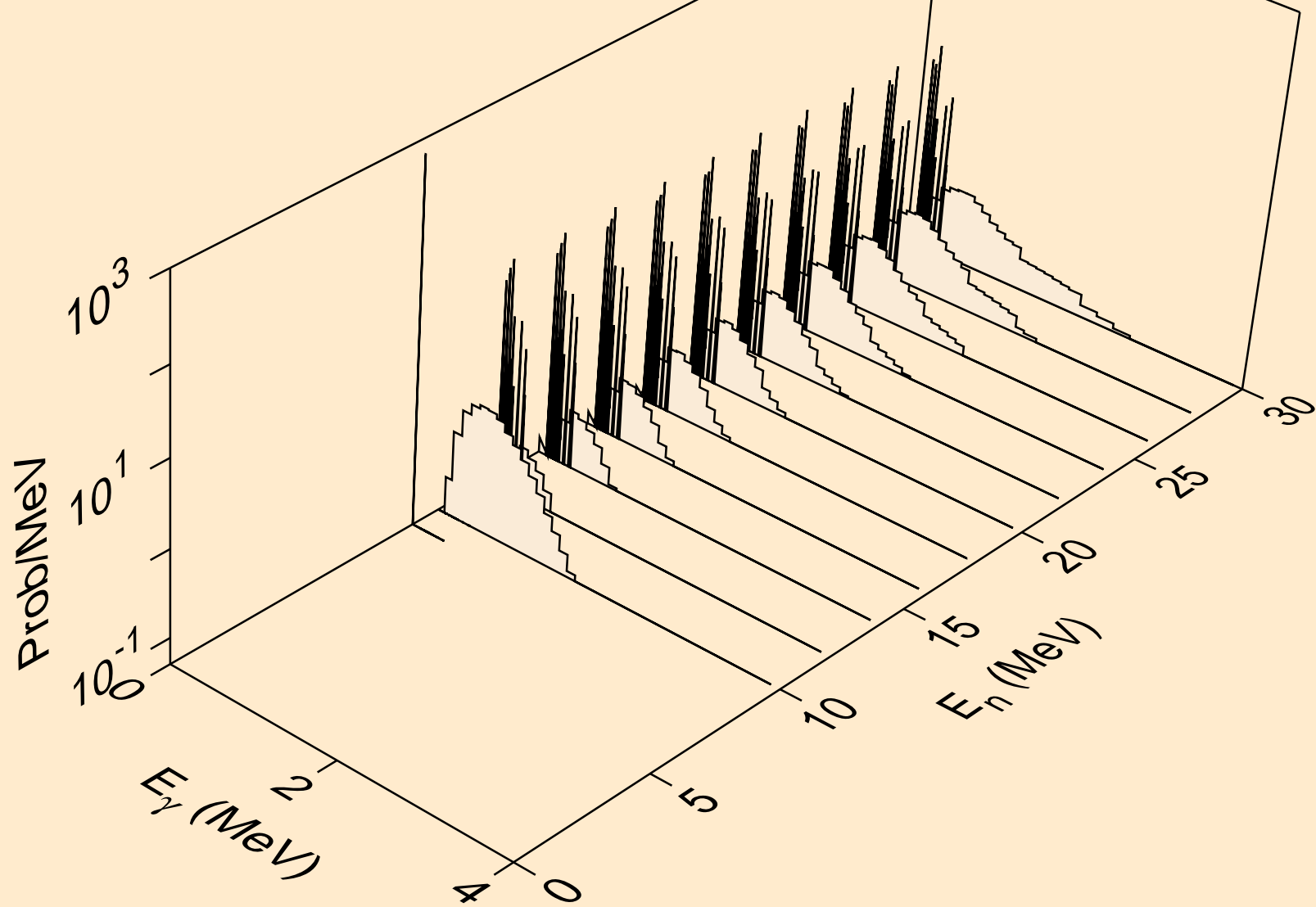
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



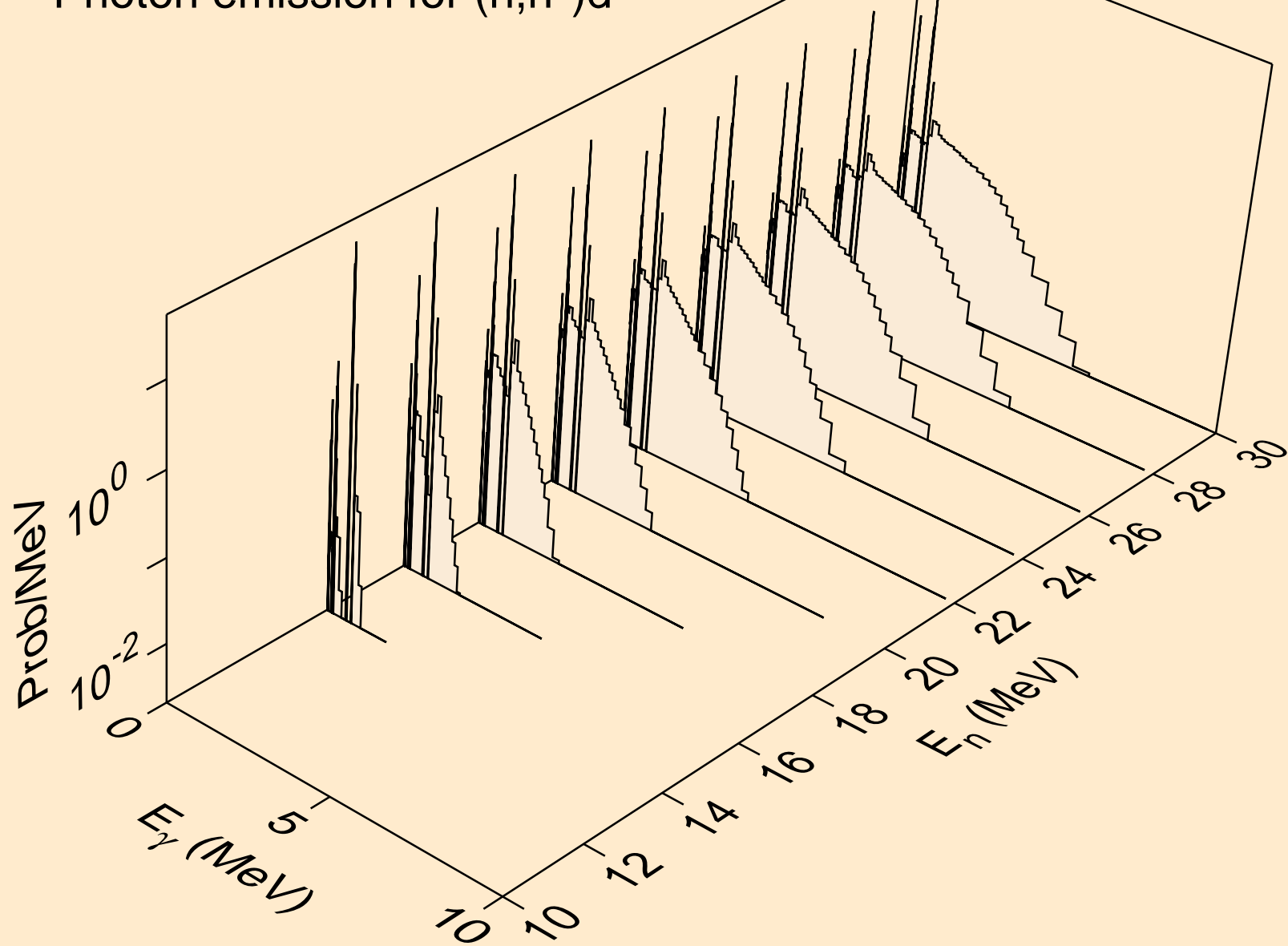
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



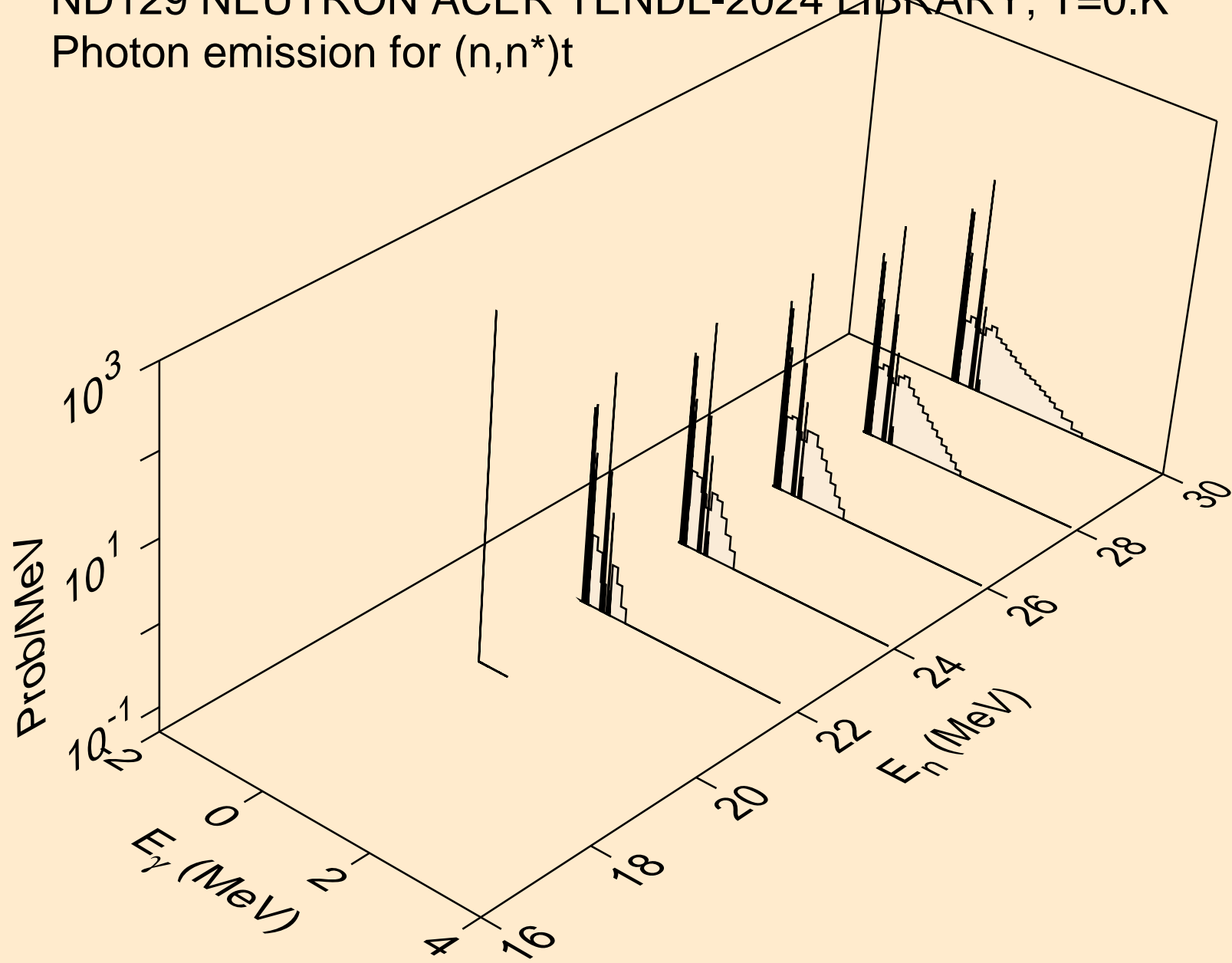
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



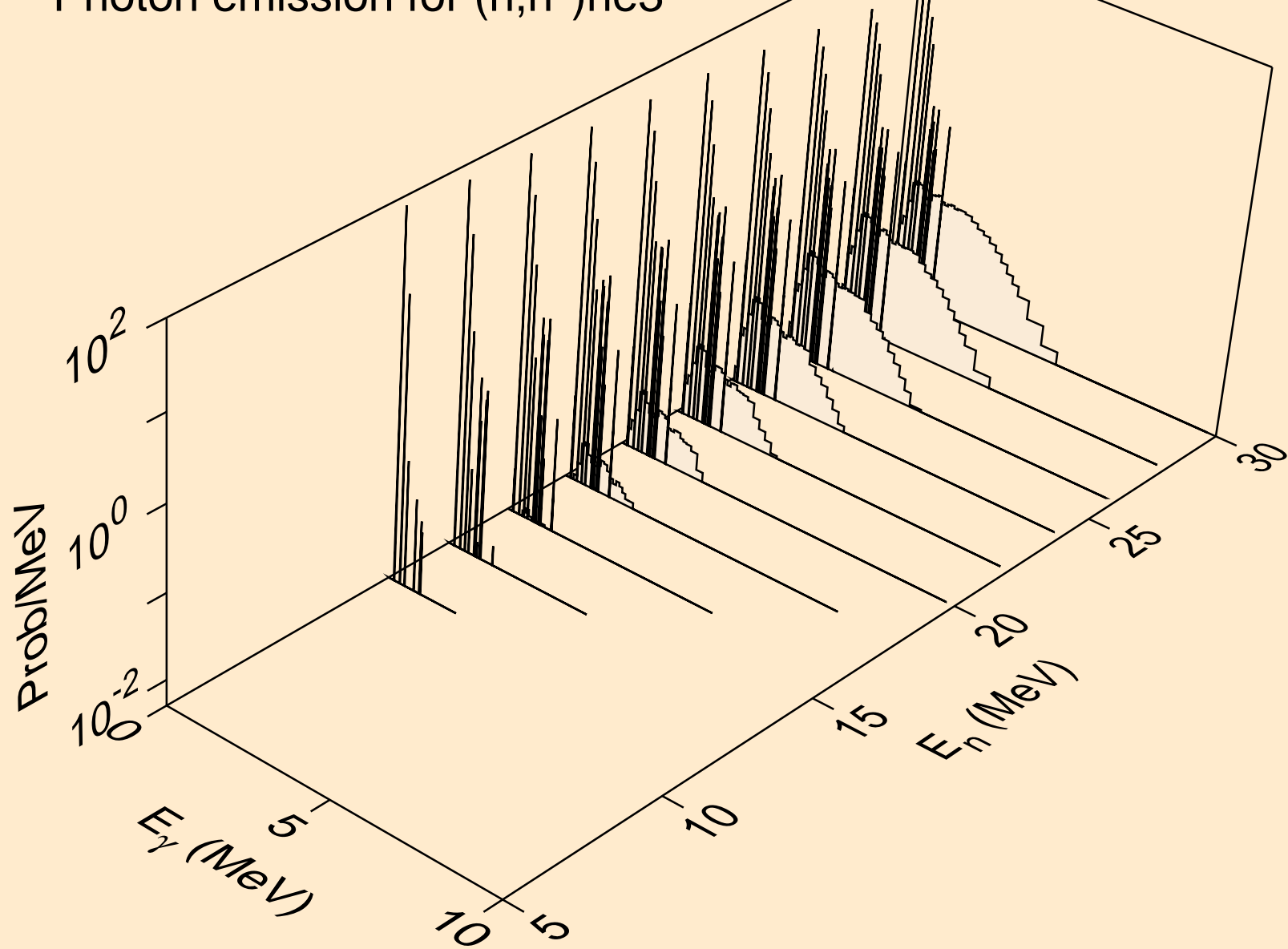
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



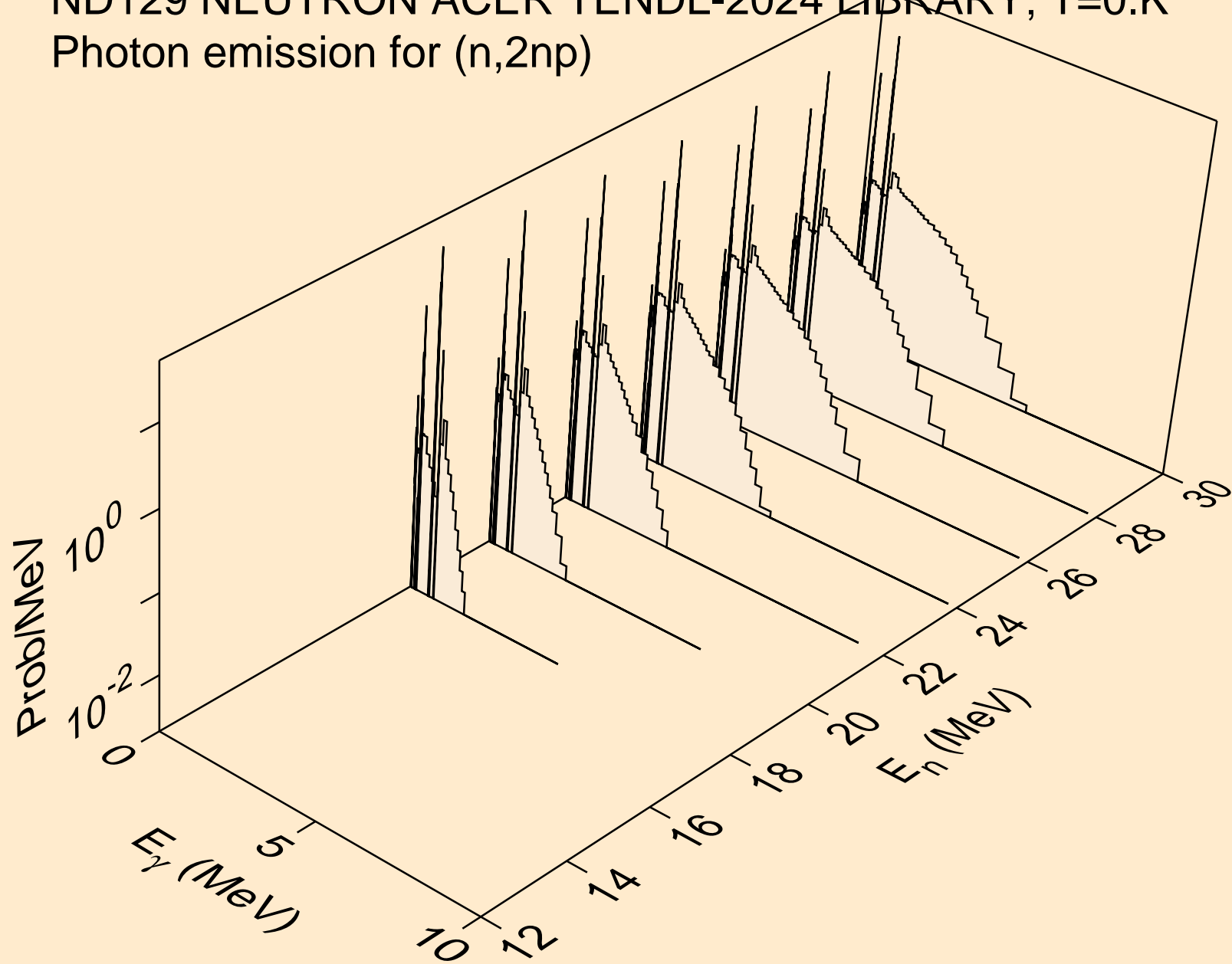
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

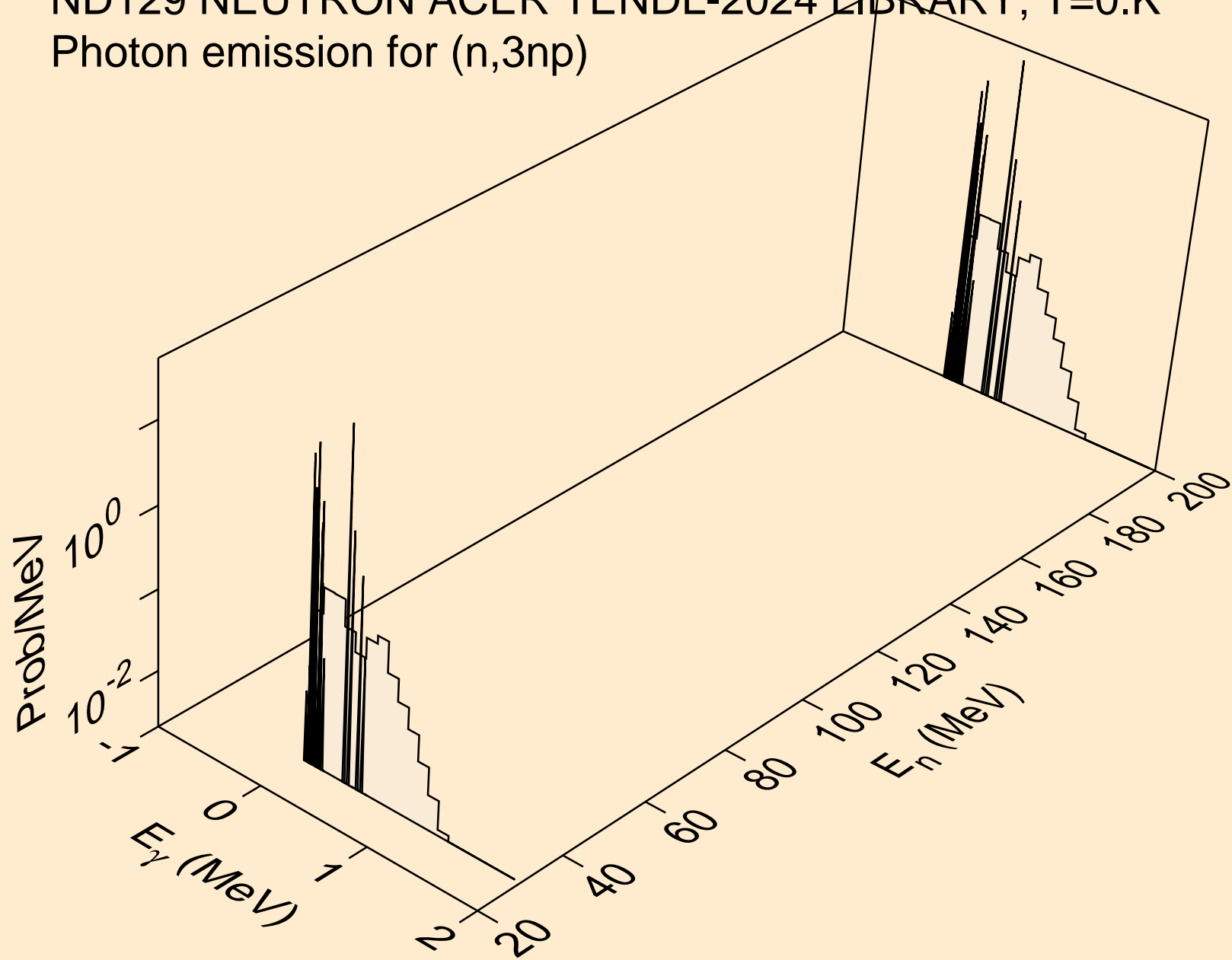


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

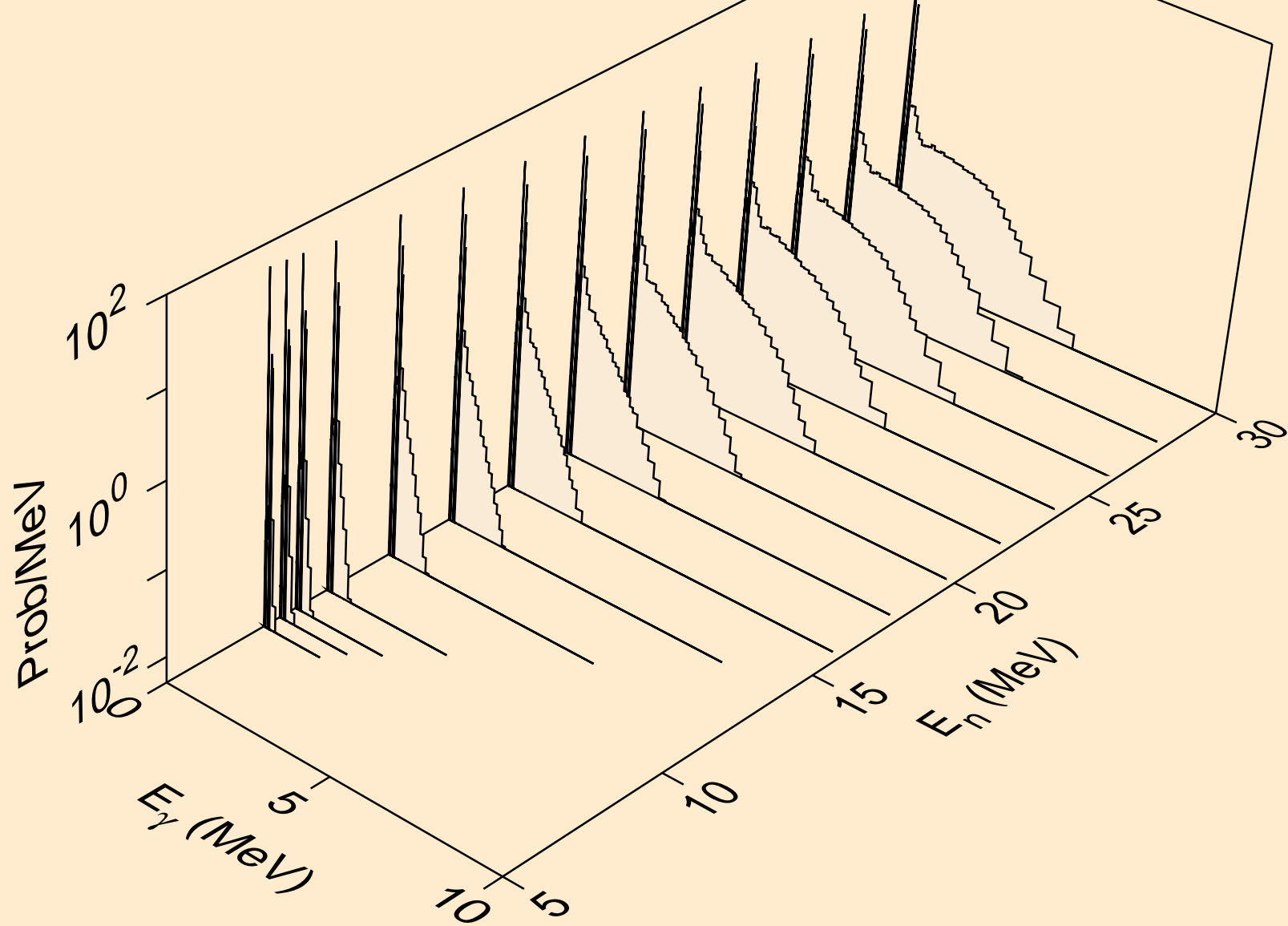




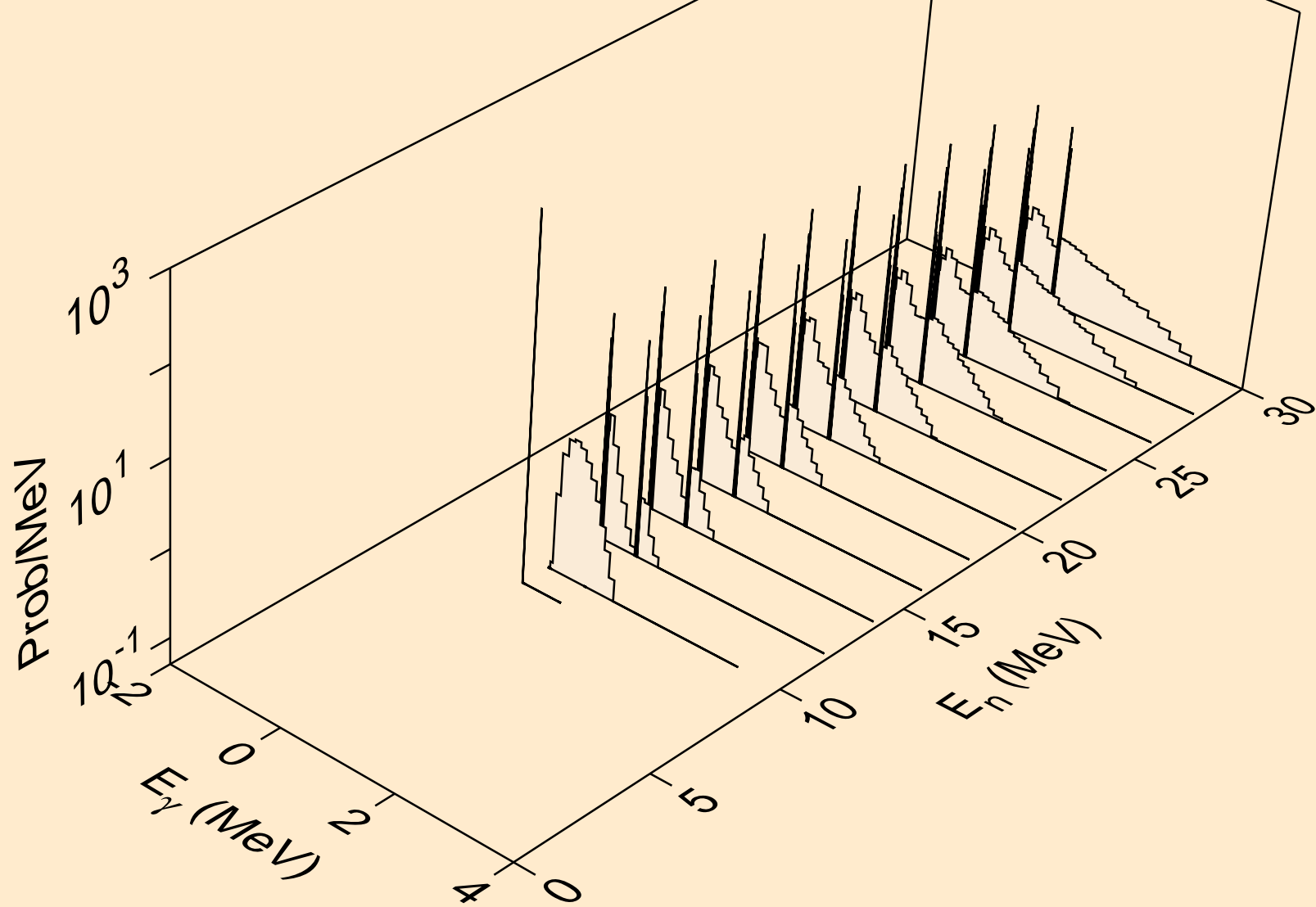
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



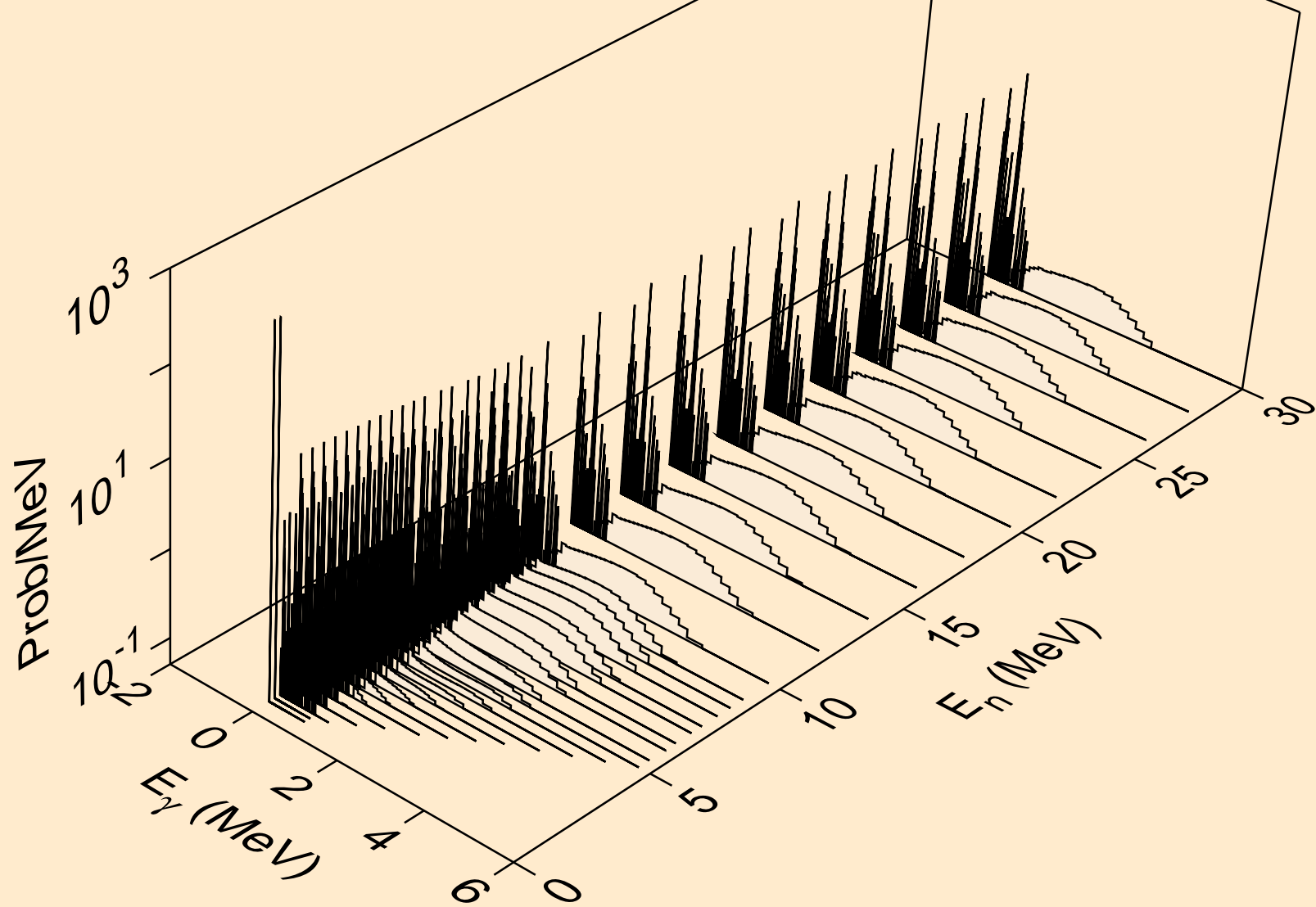
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



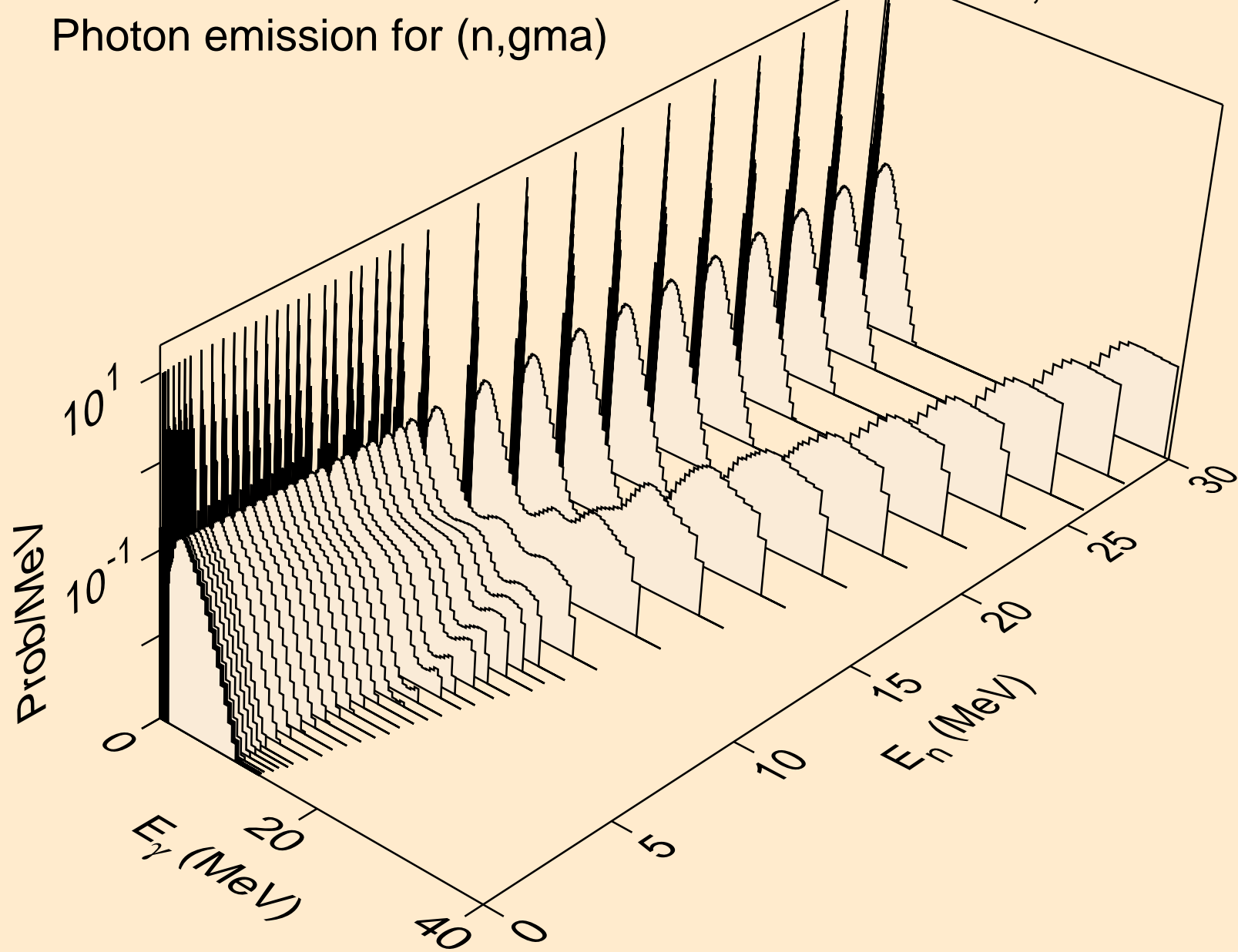
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



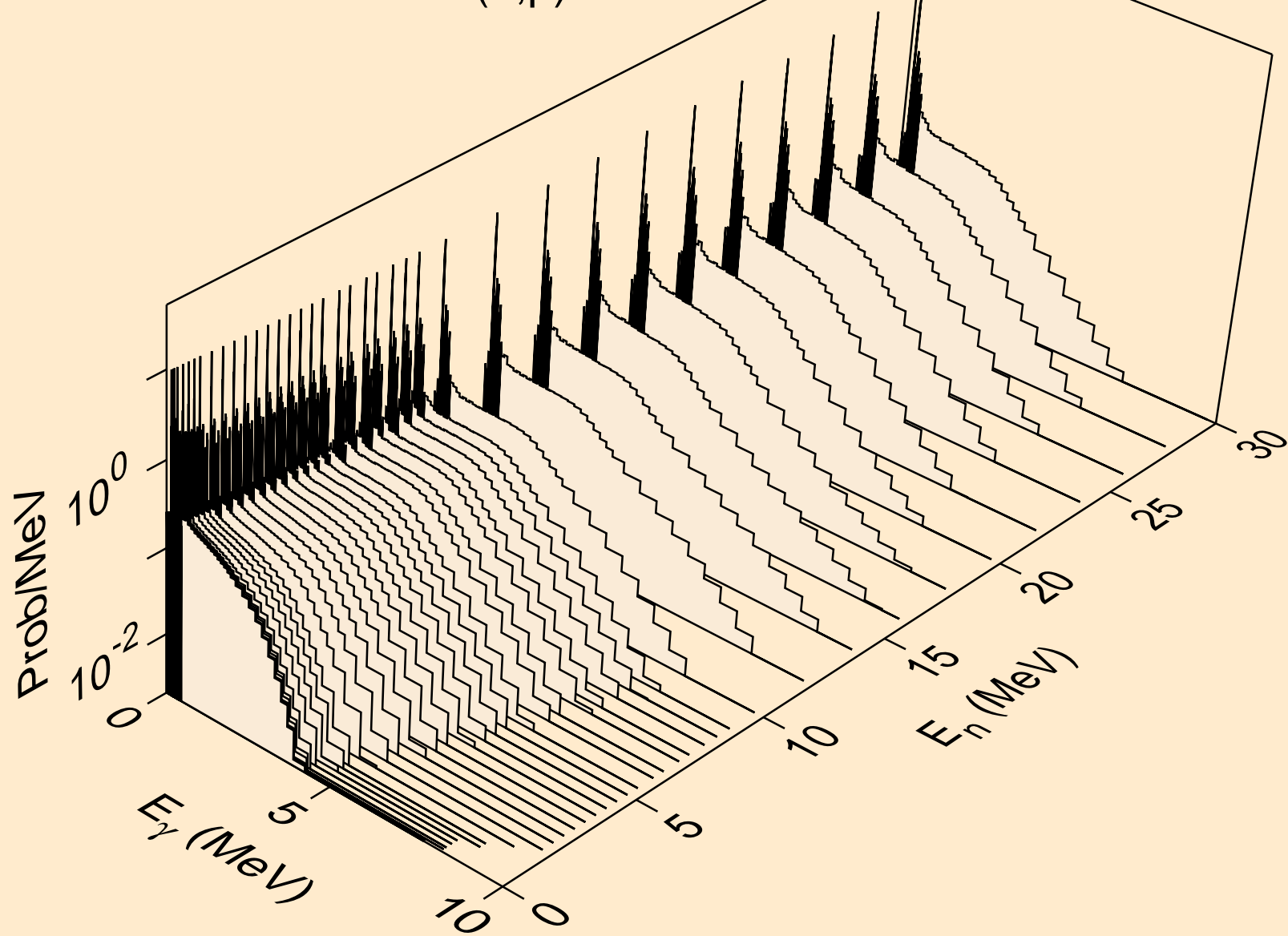
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



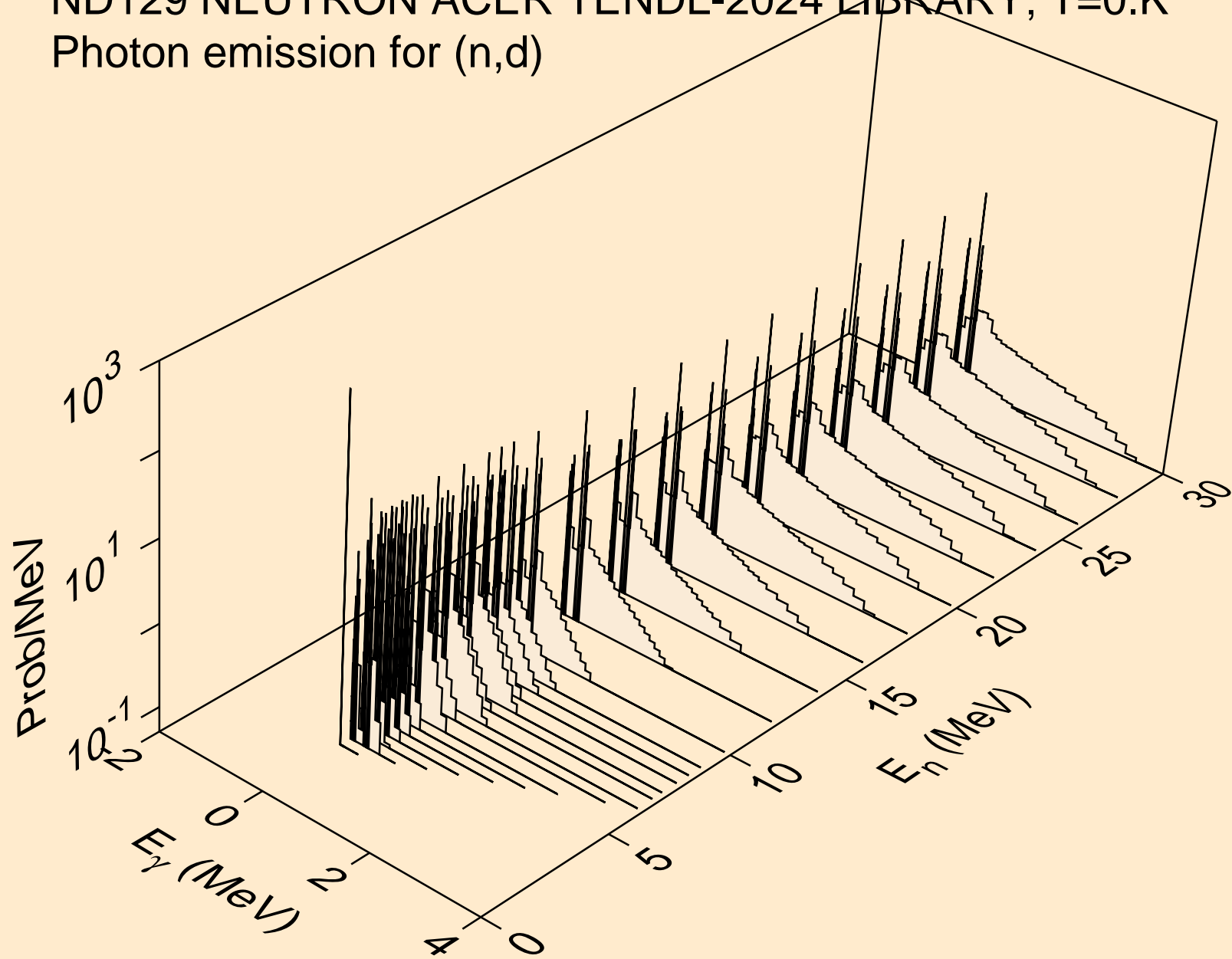
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



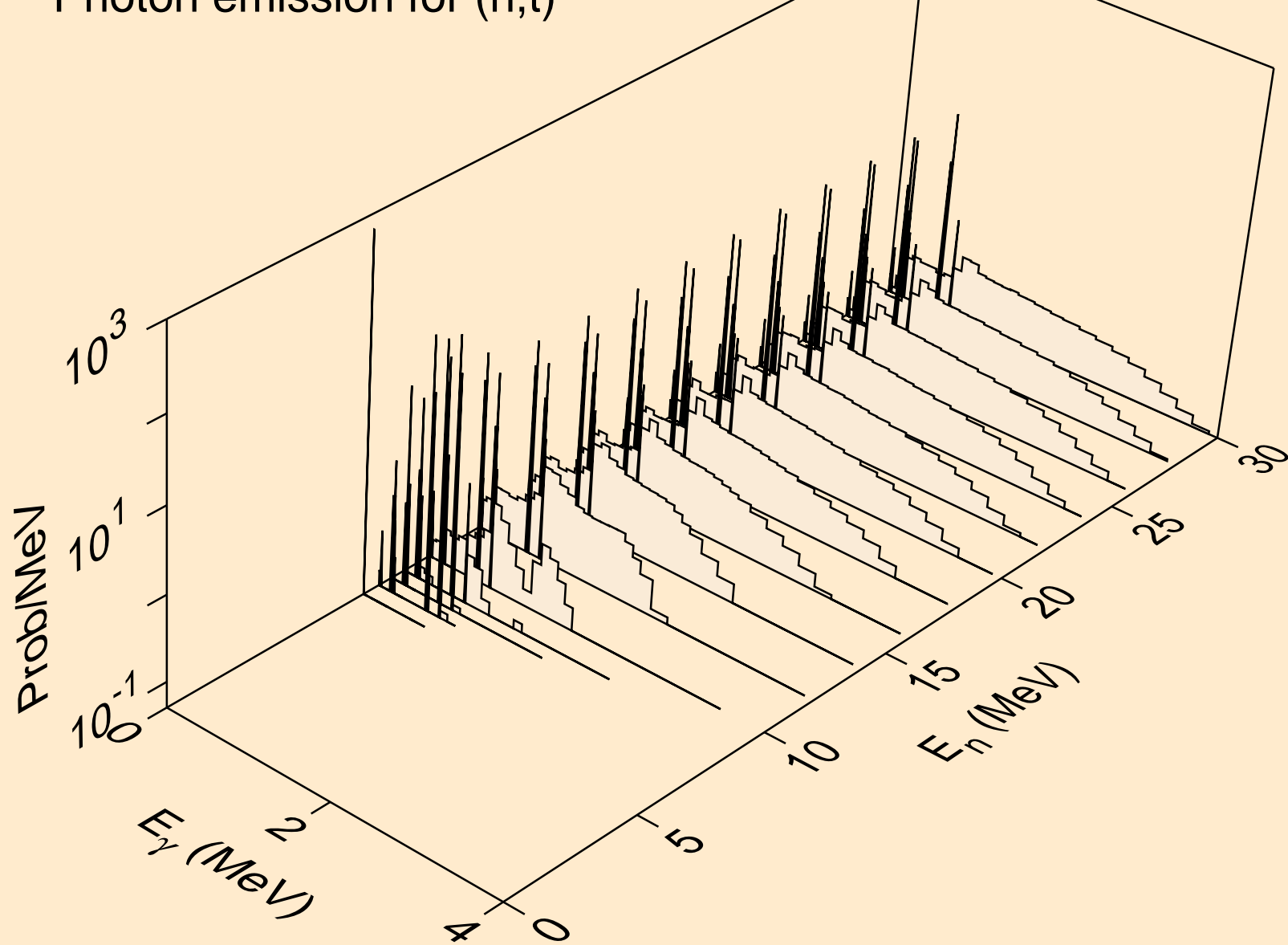
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

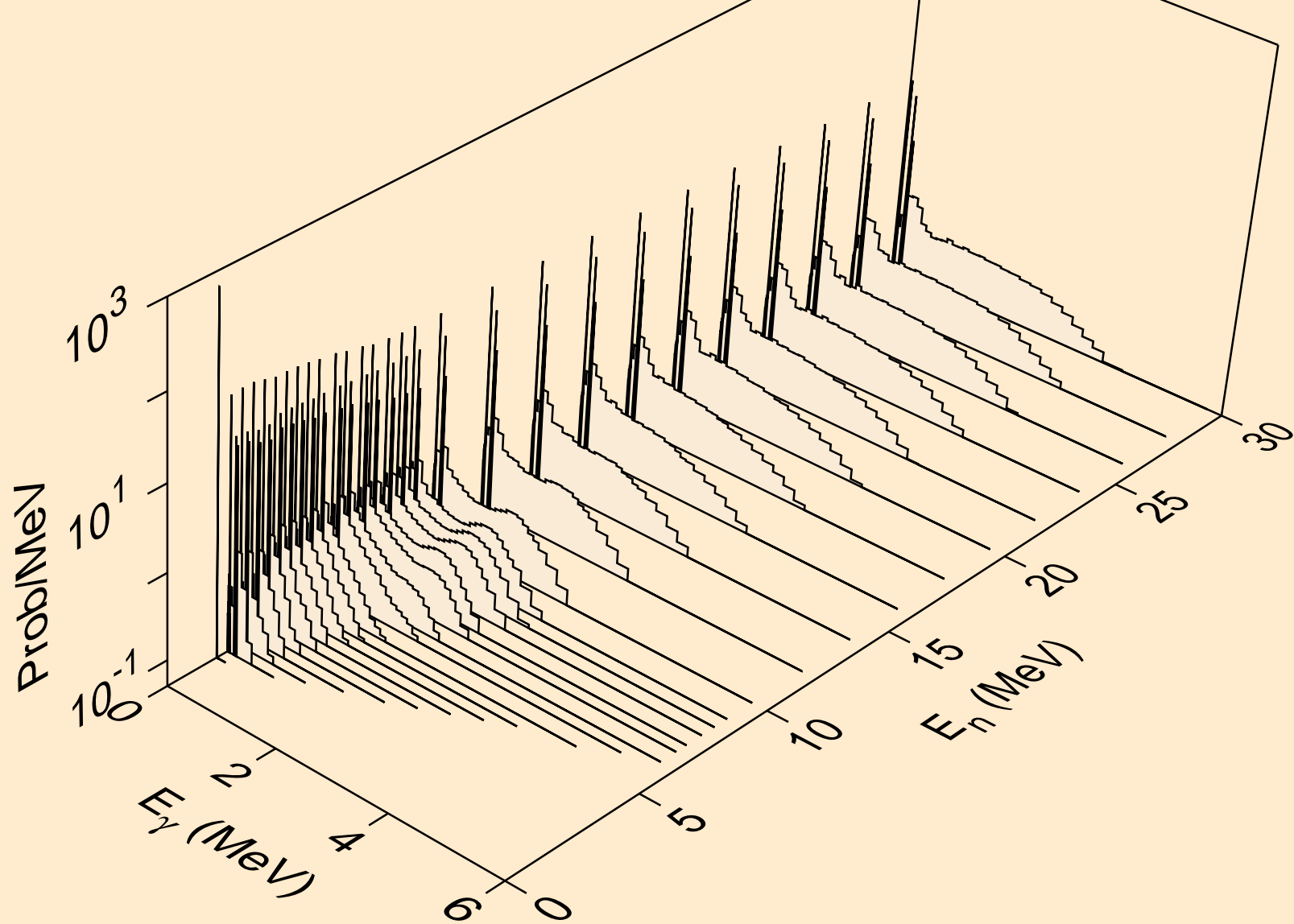


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

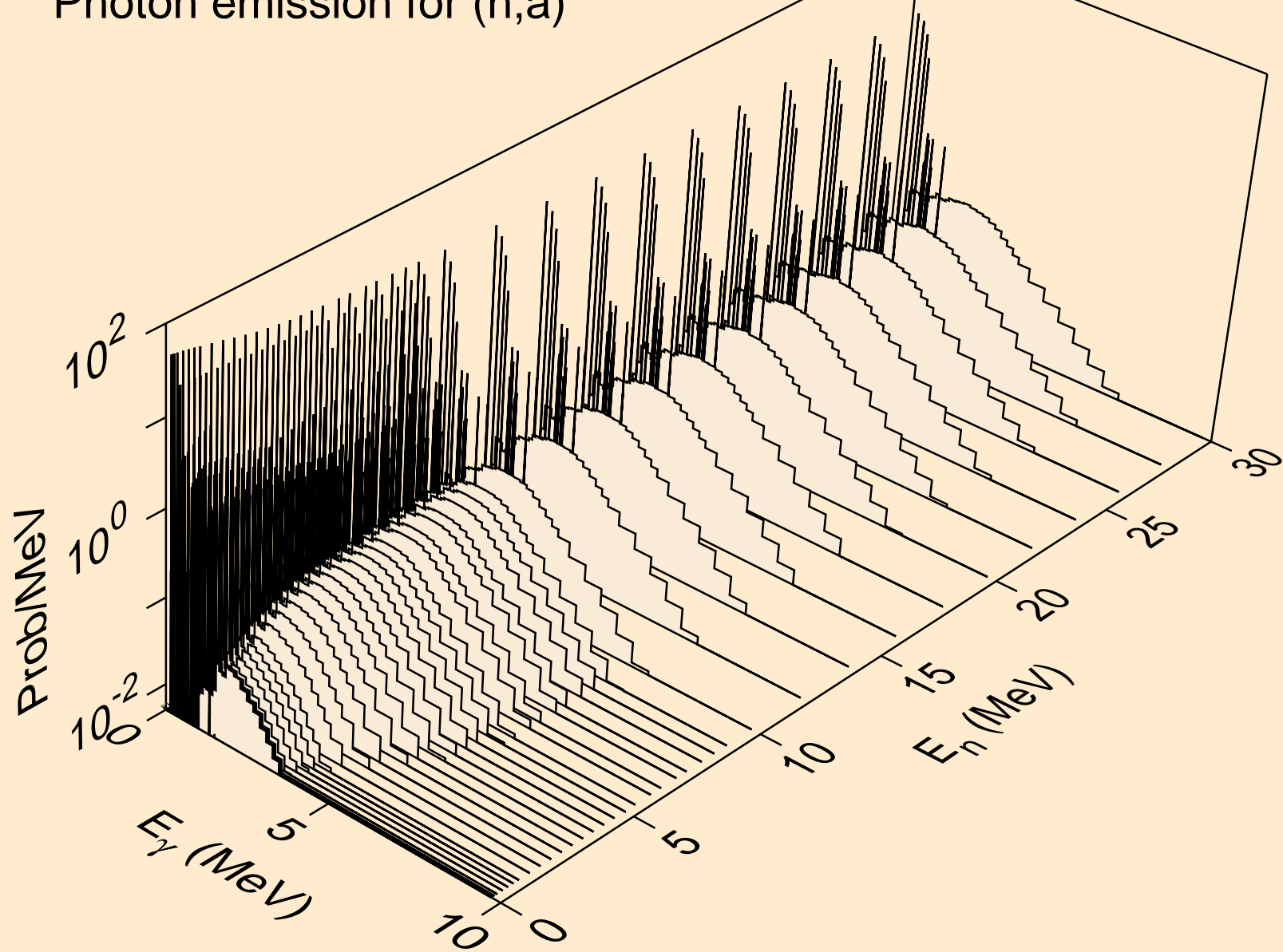




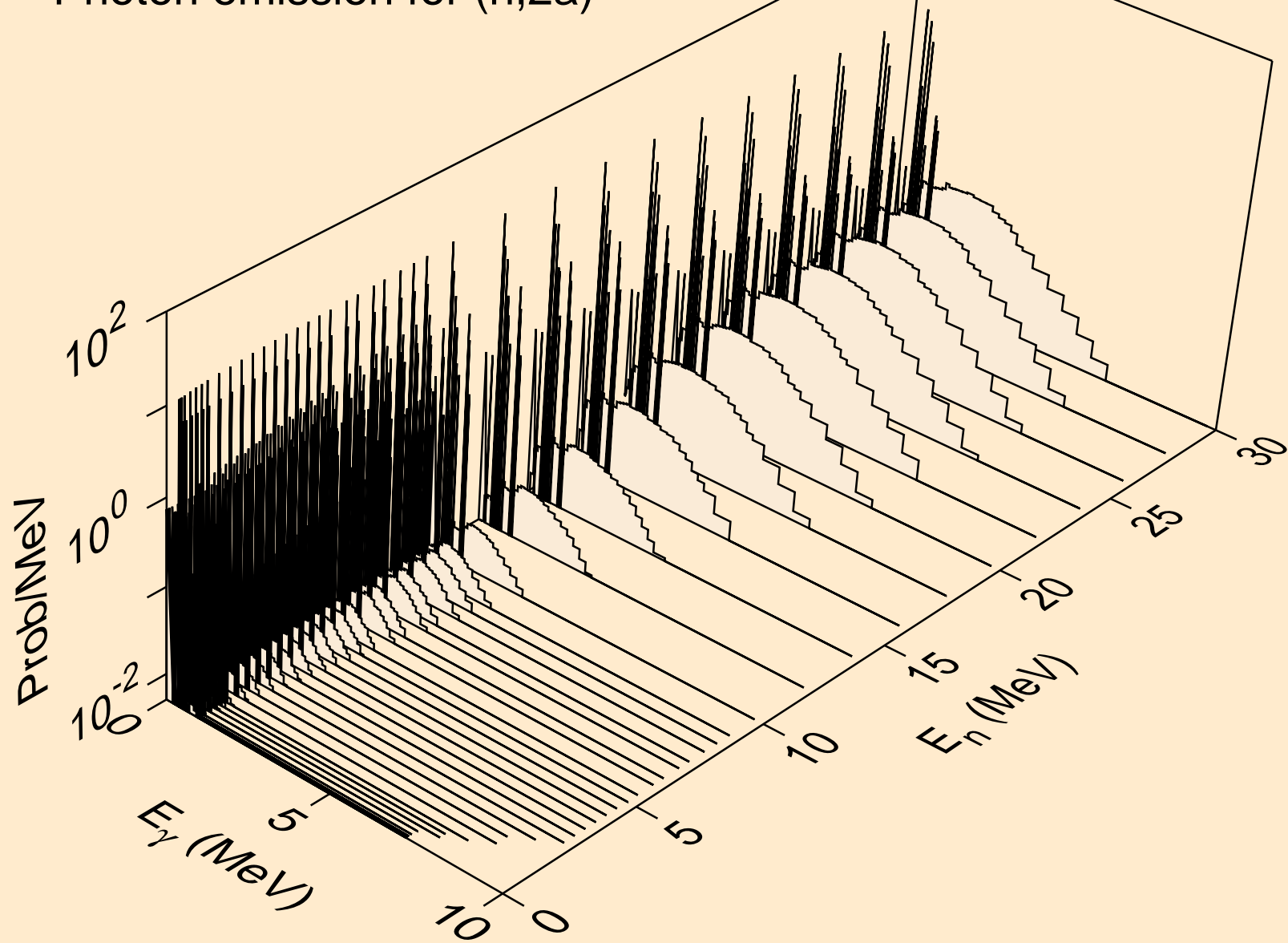
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



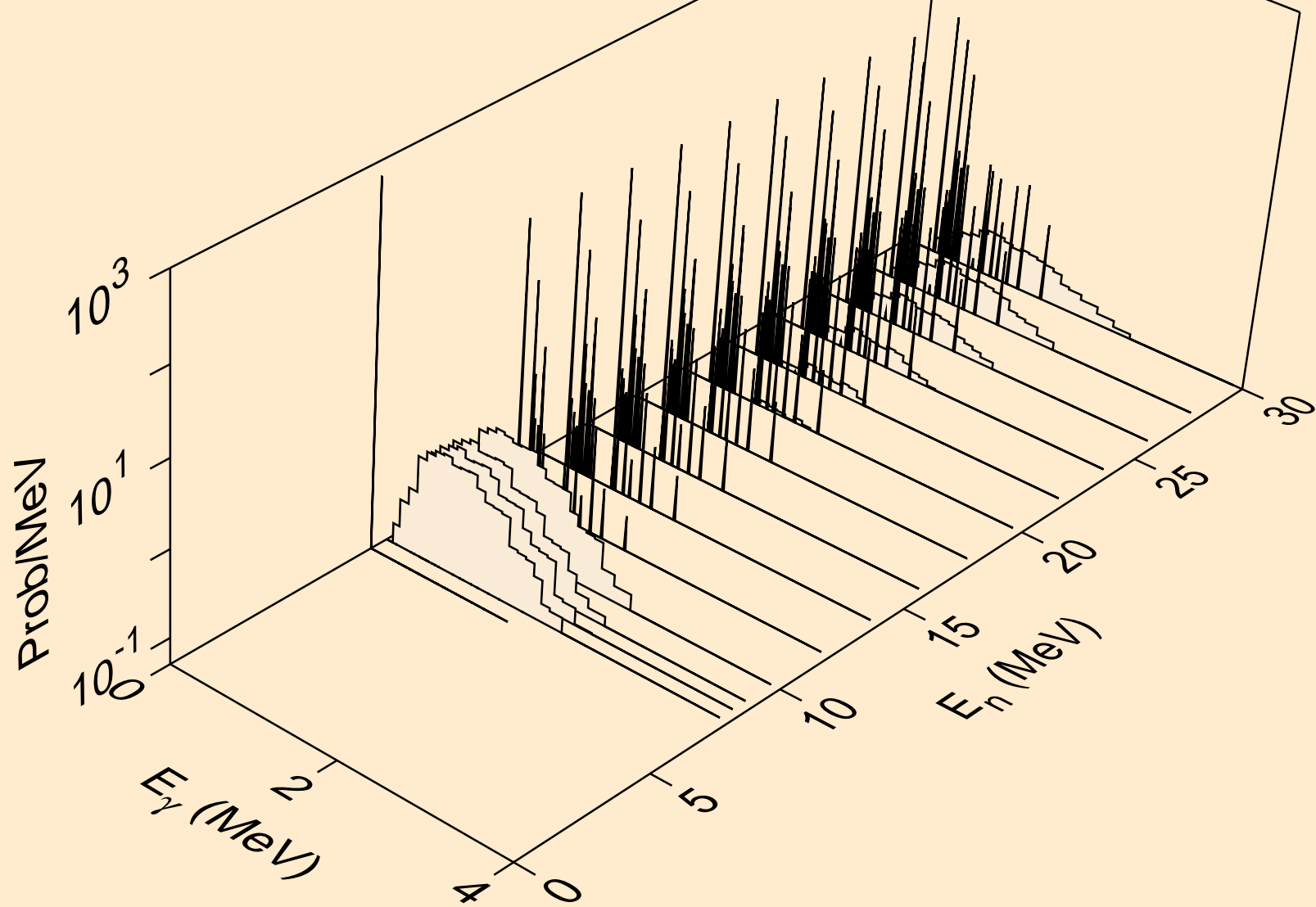
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



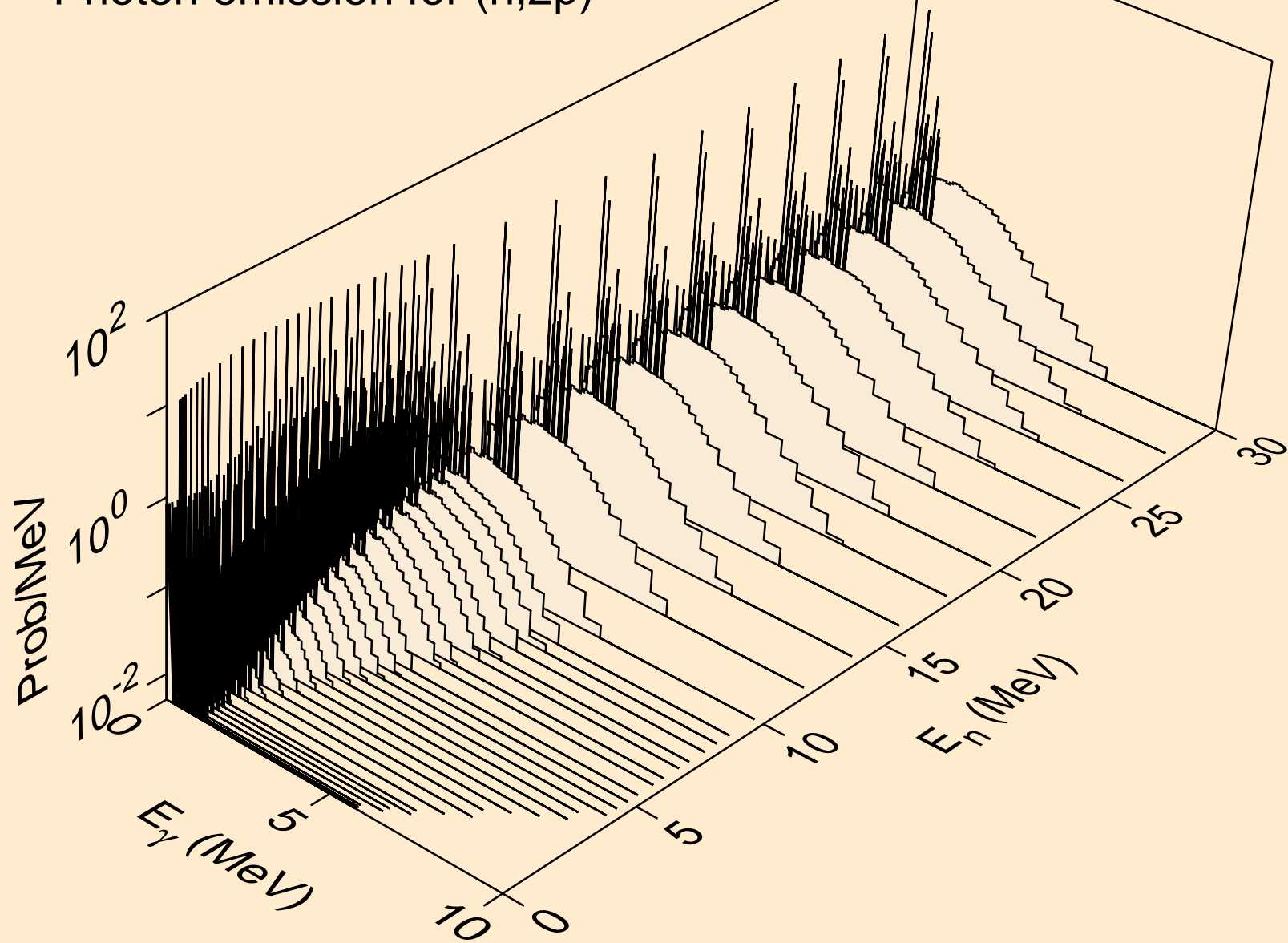
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



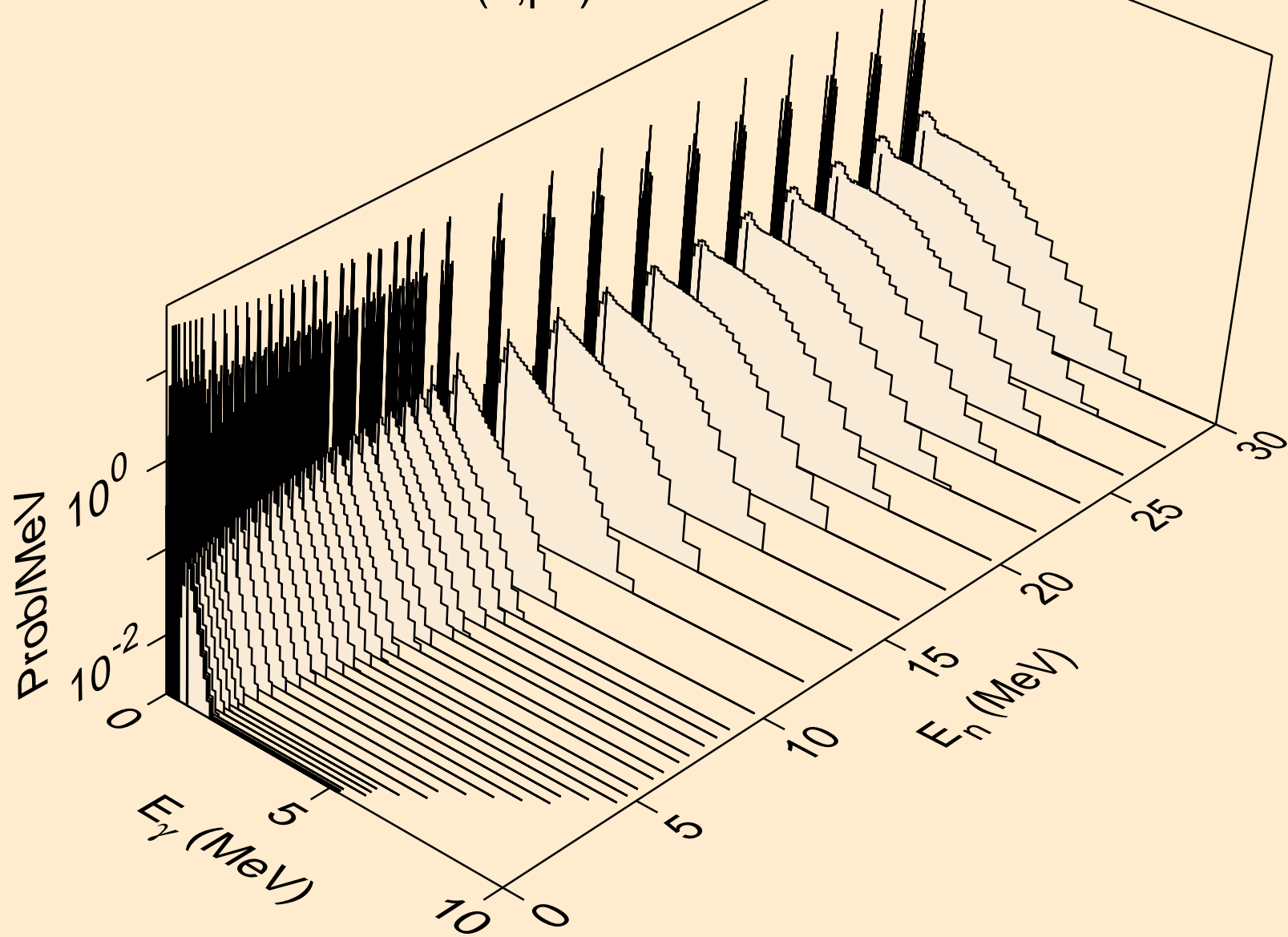
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3a)



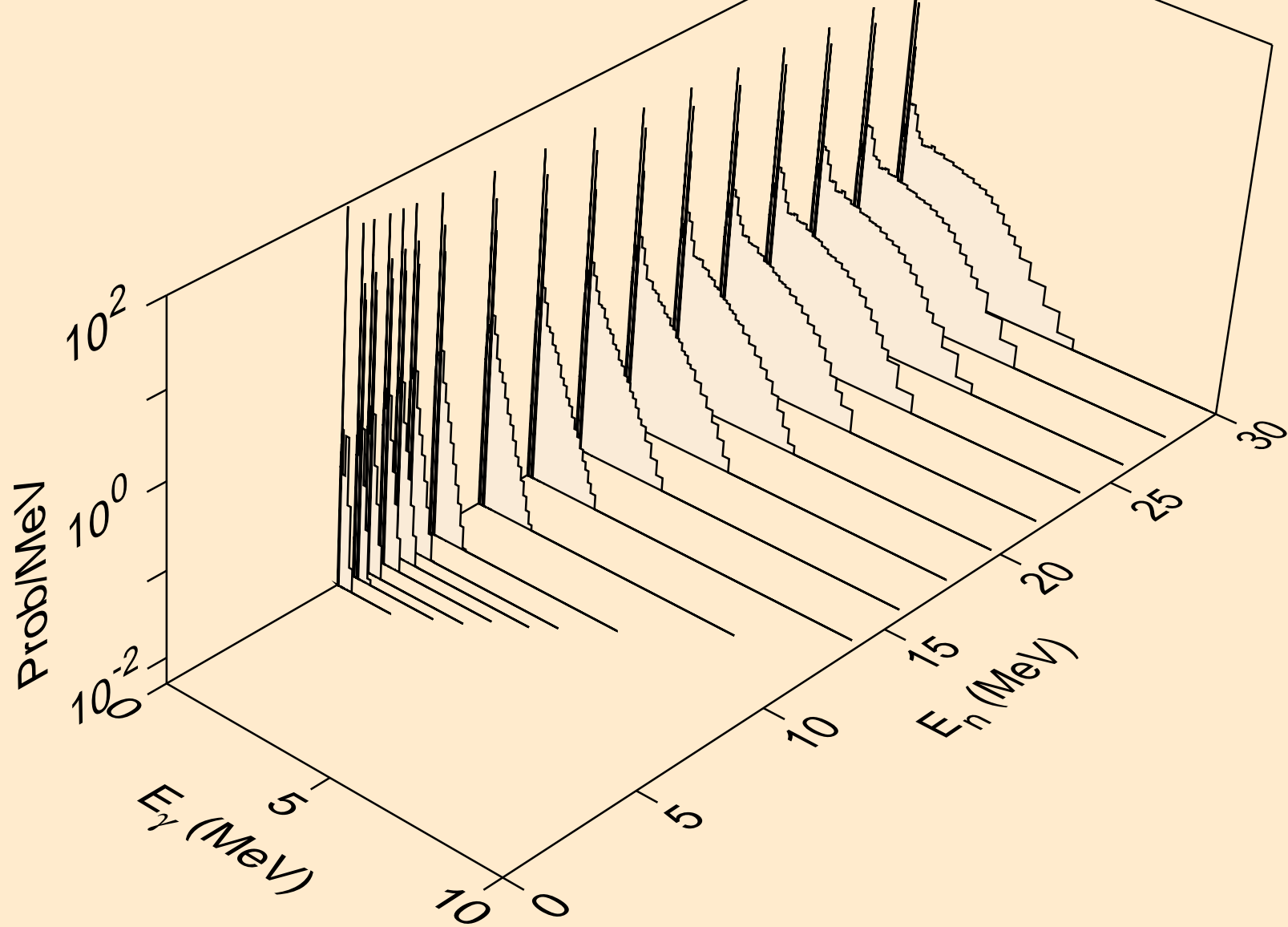
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



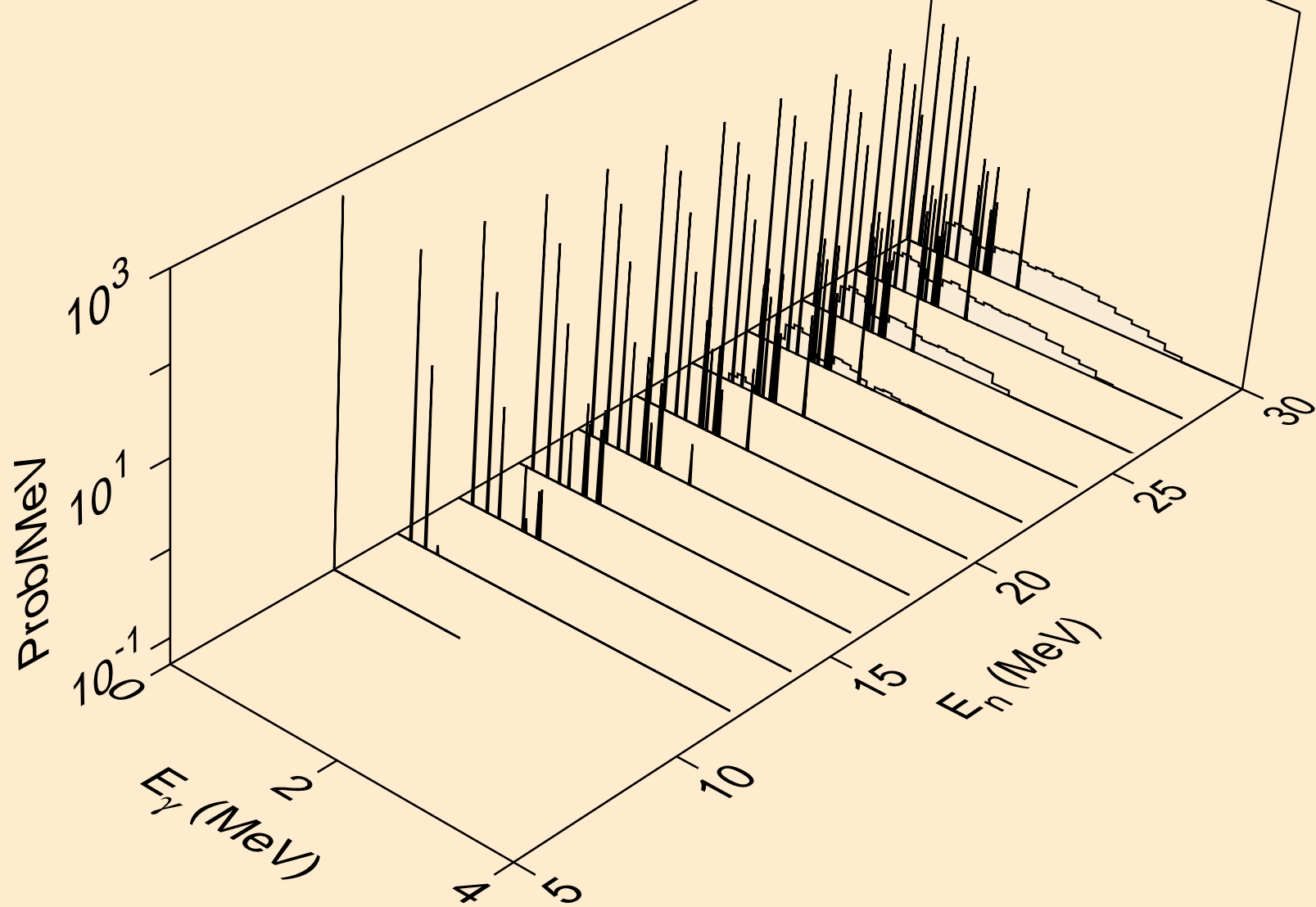
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

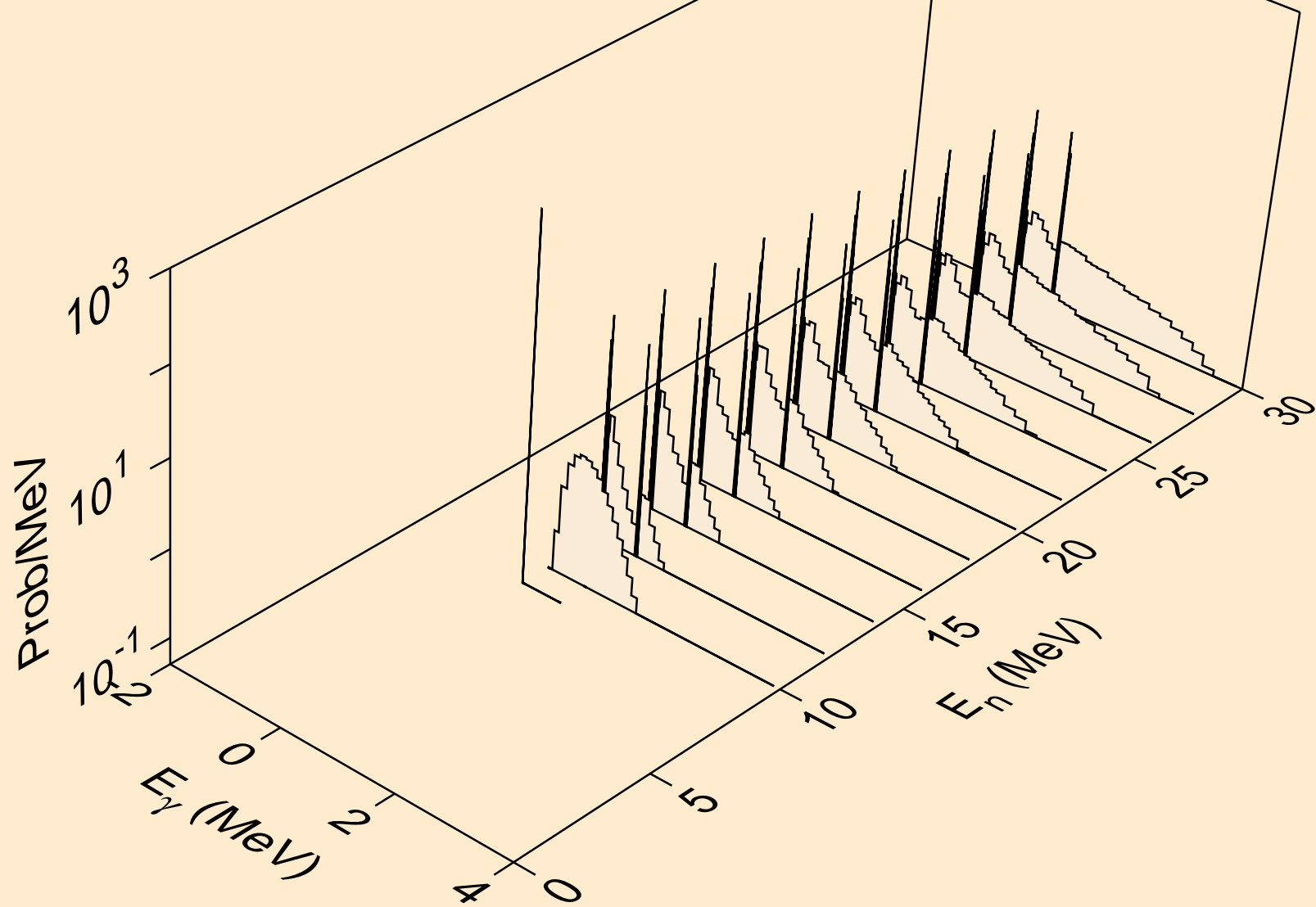


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

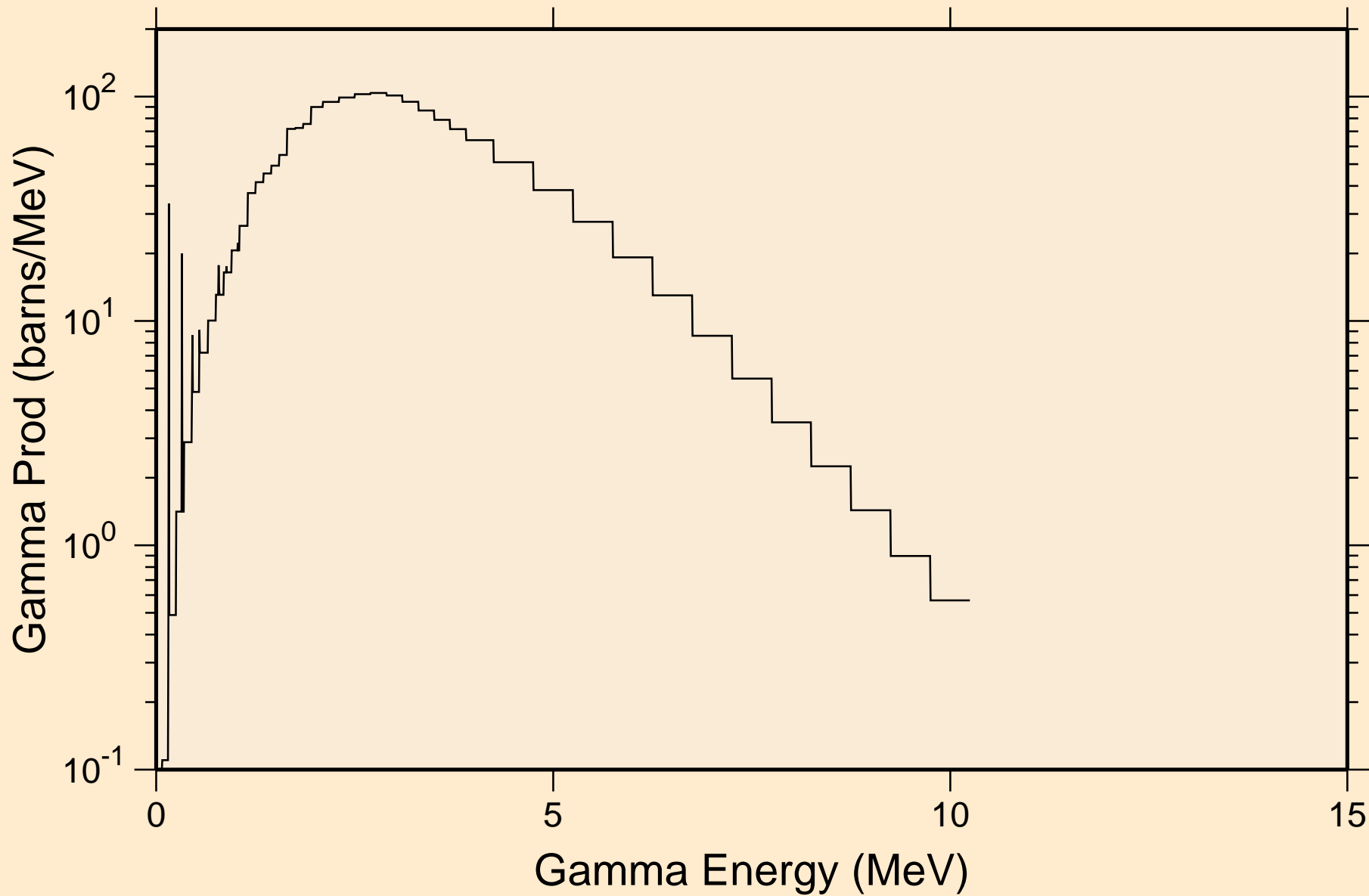




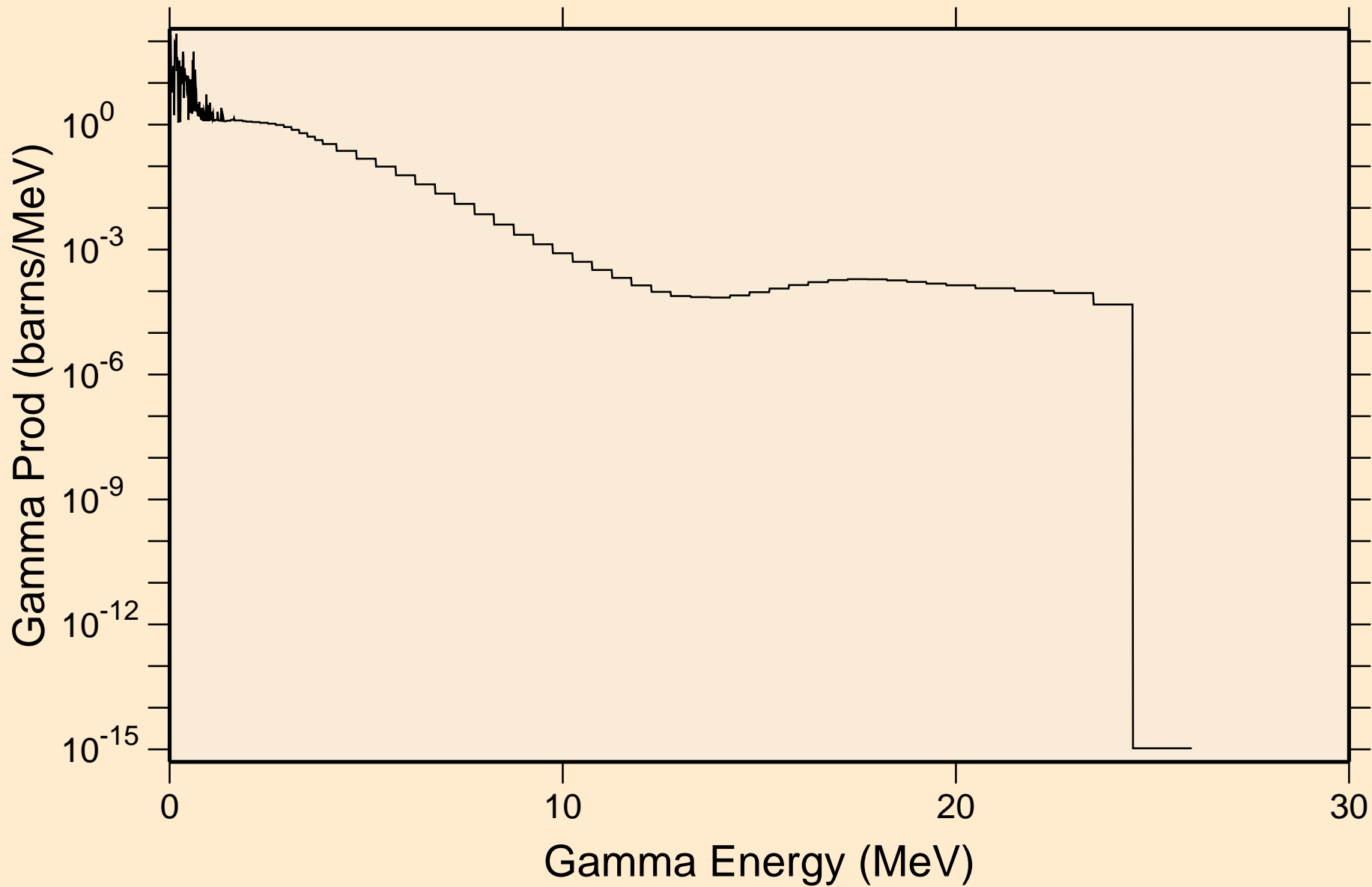
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

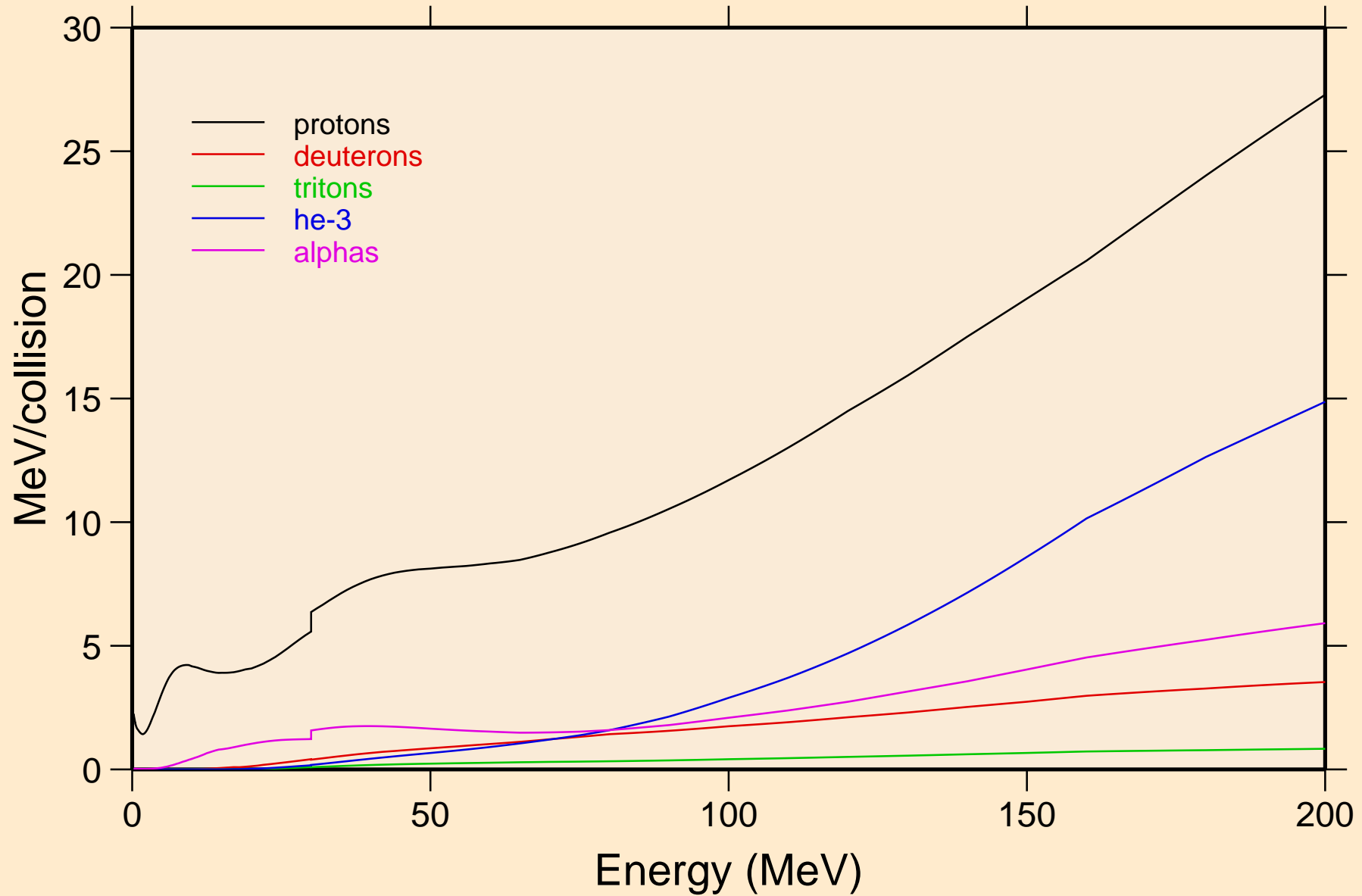


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

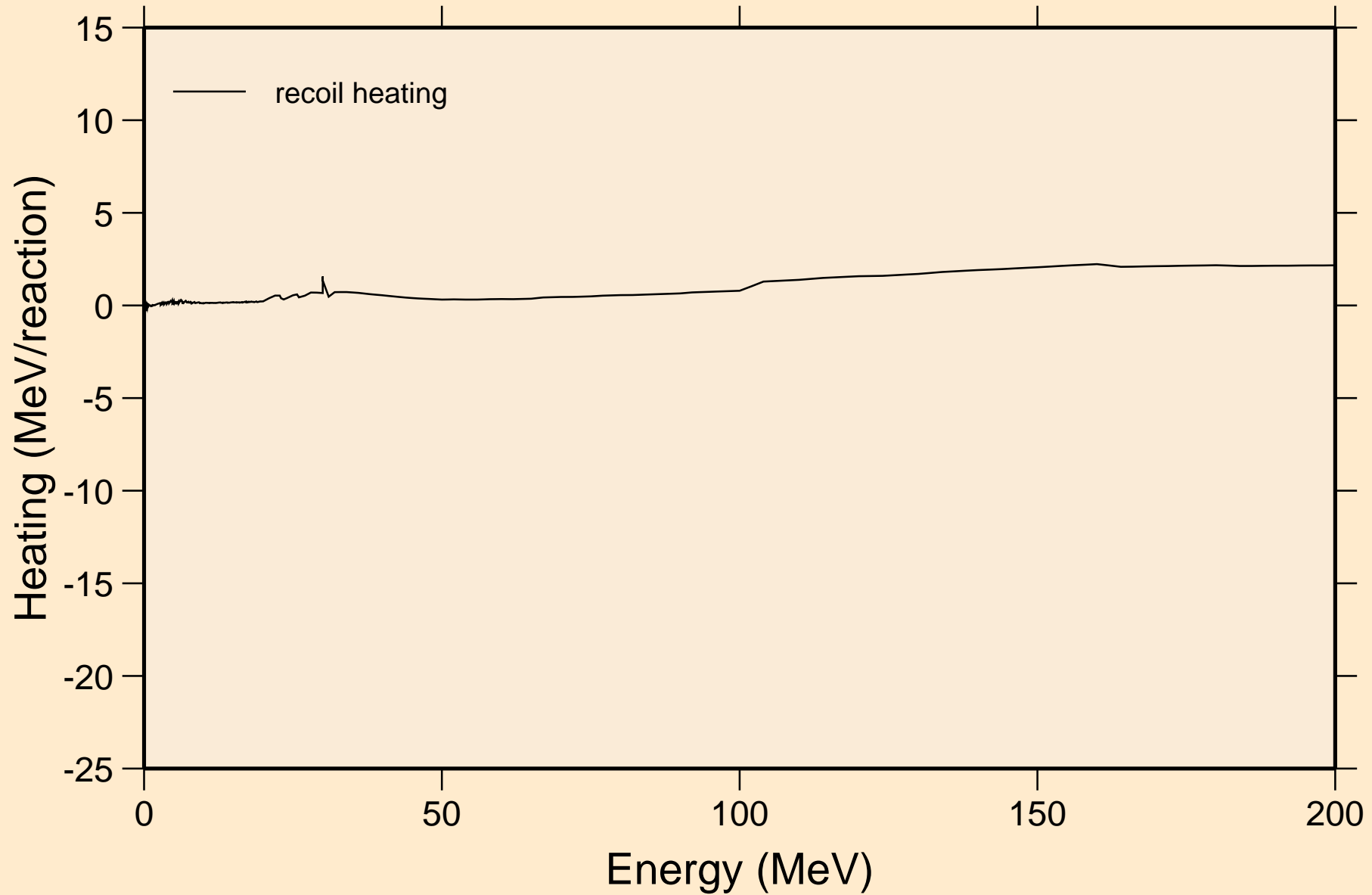


# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

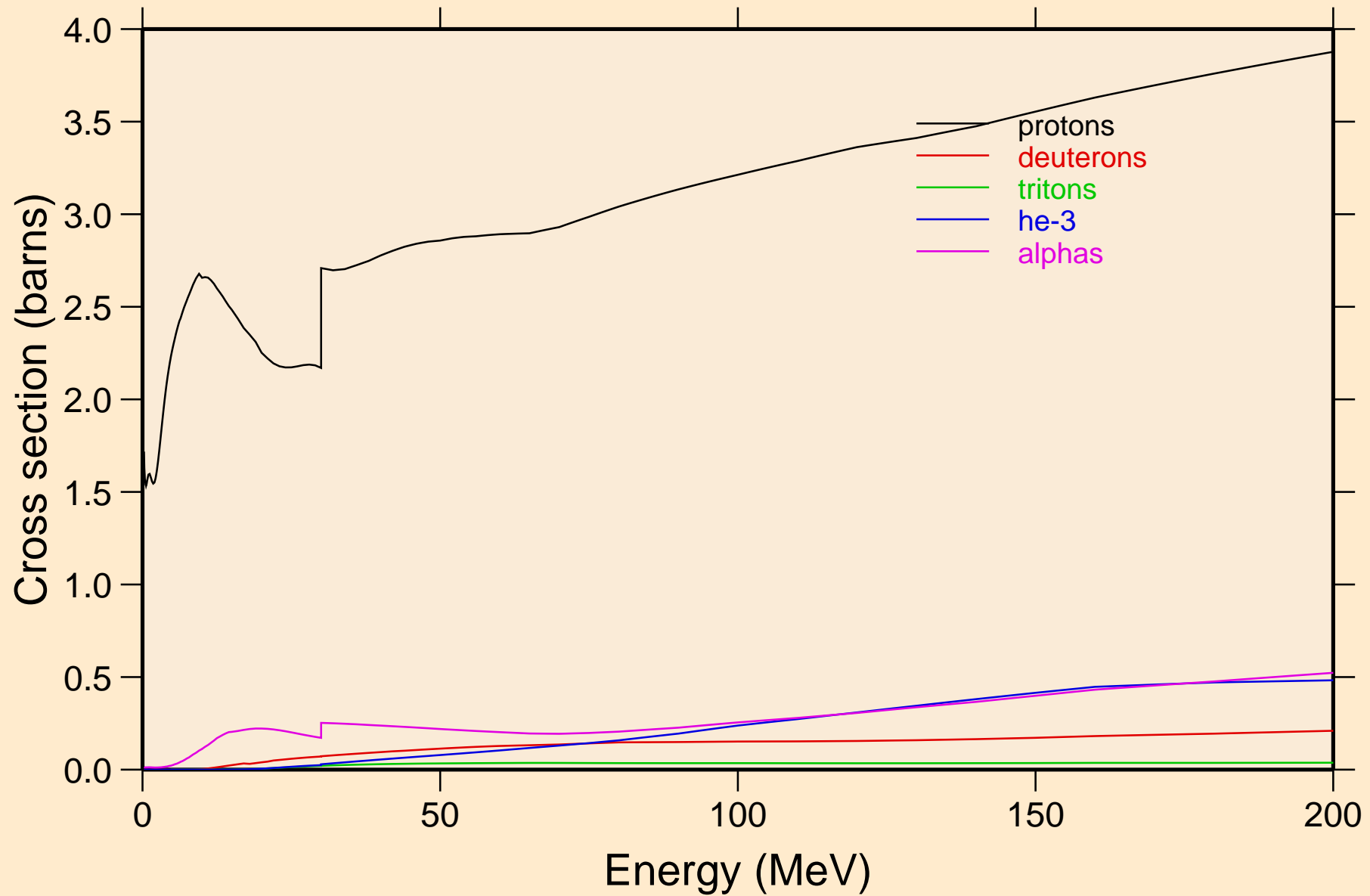


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

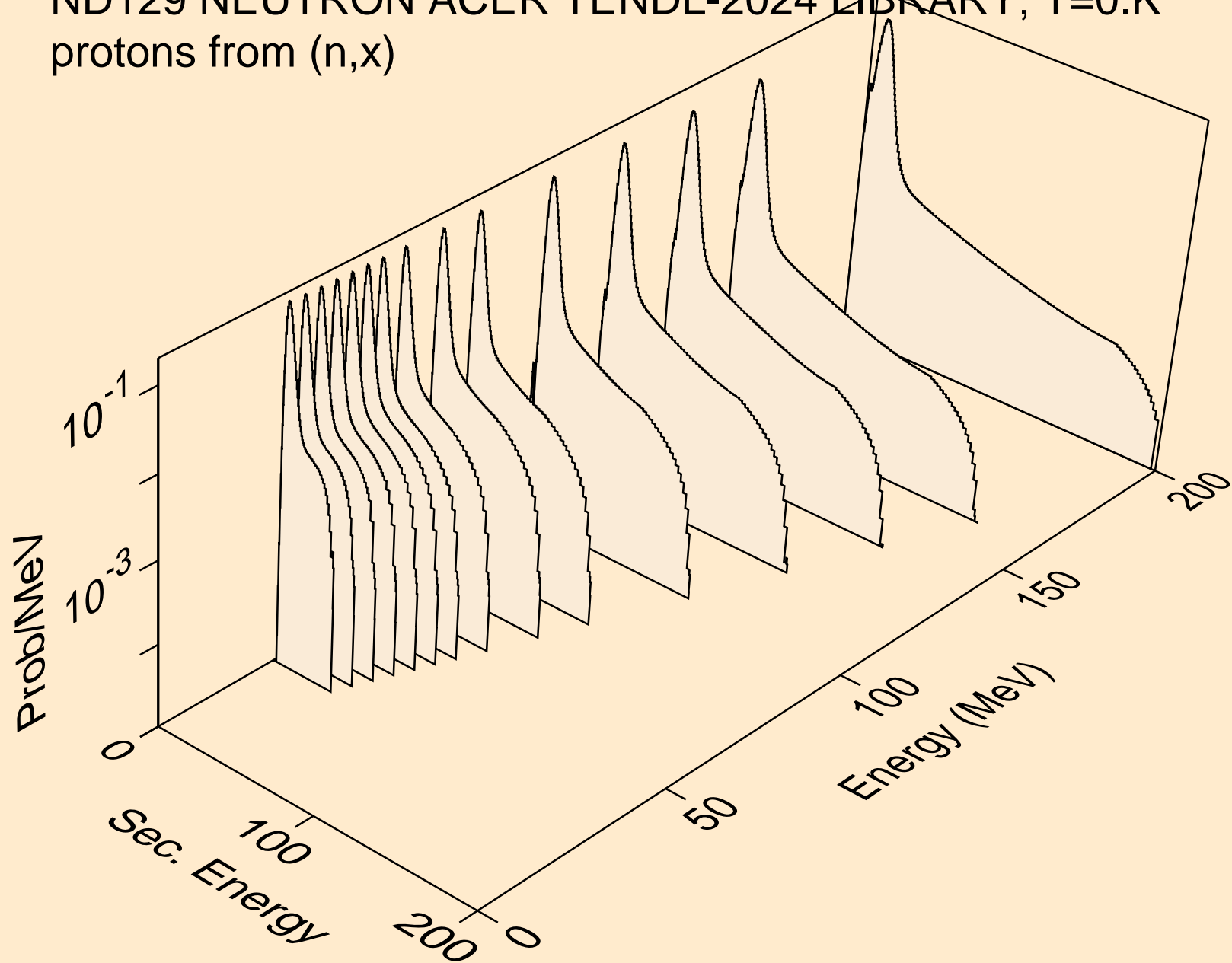


# ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

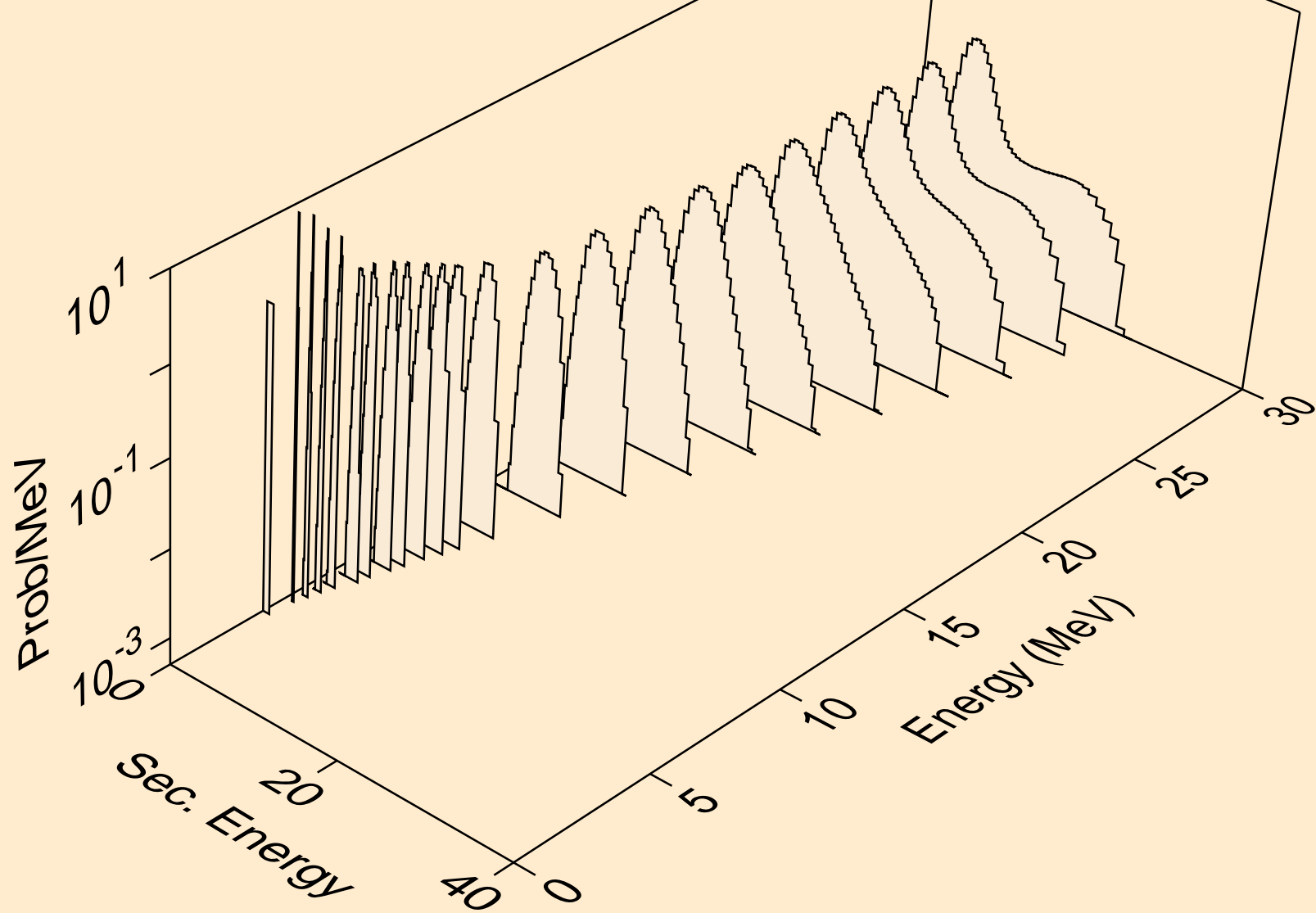
## Particle production cross sections



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

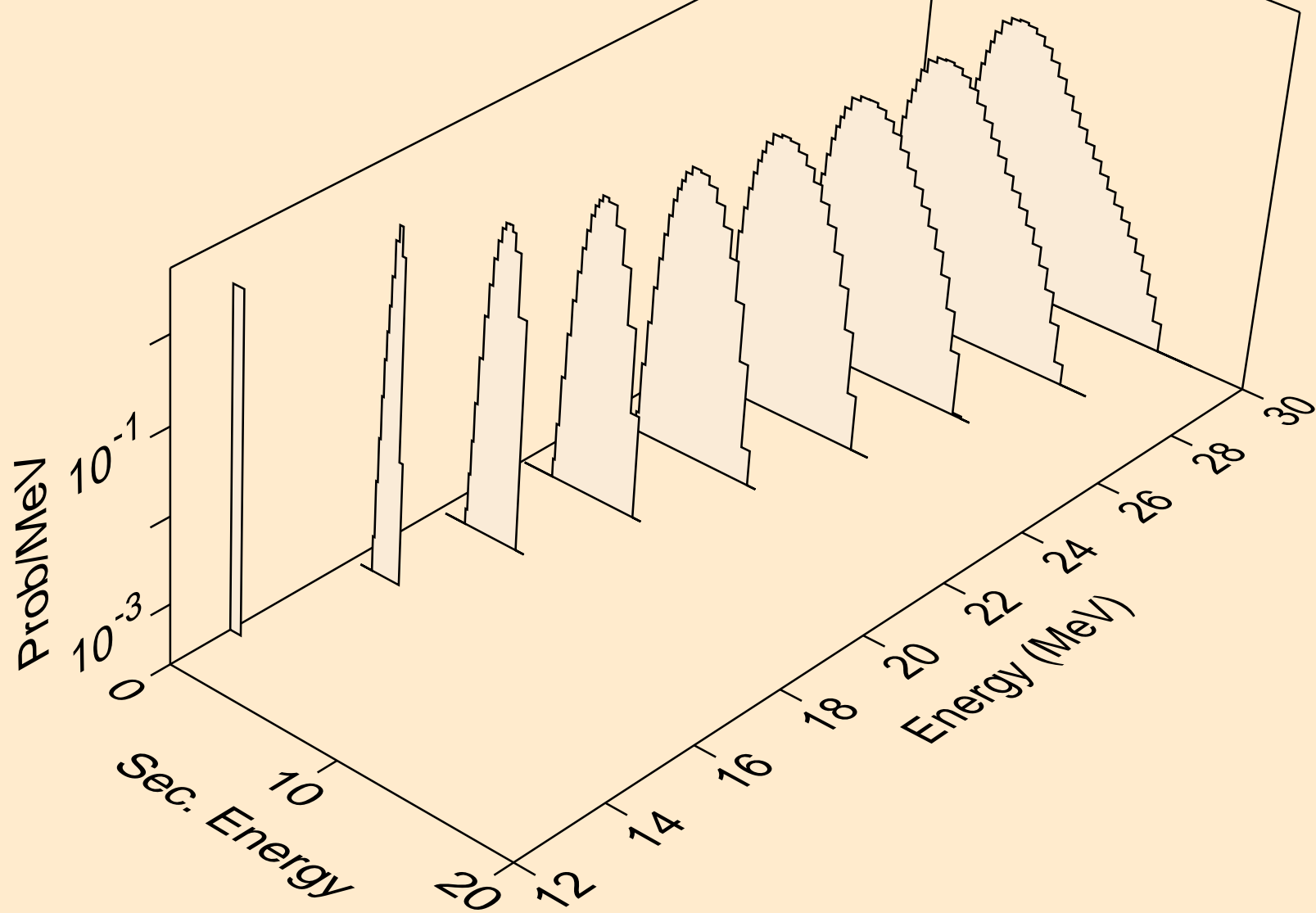


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

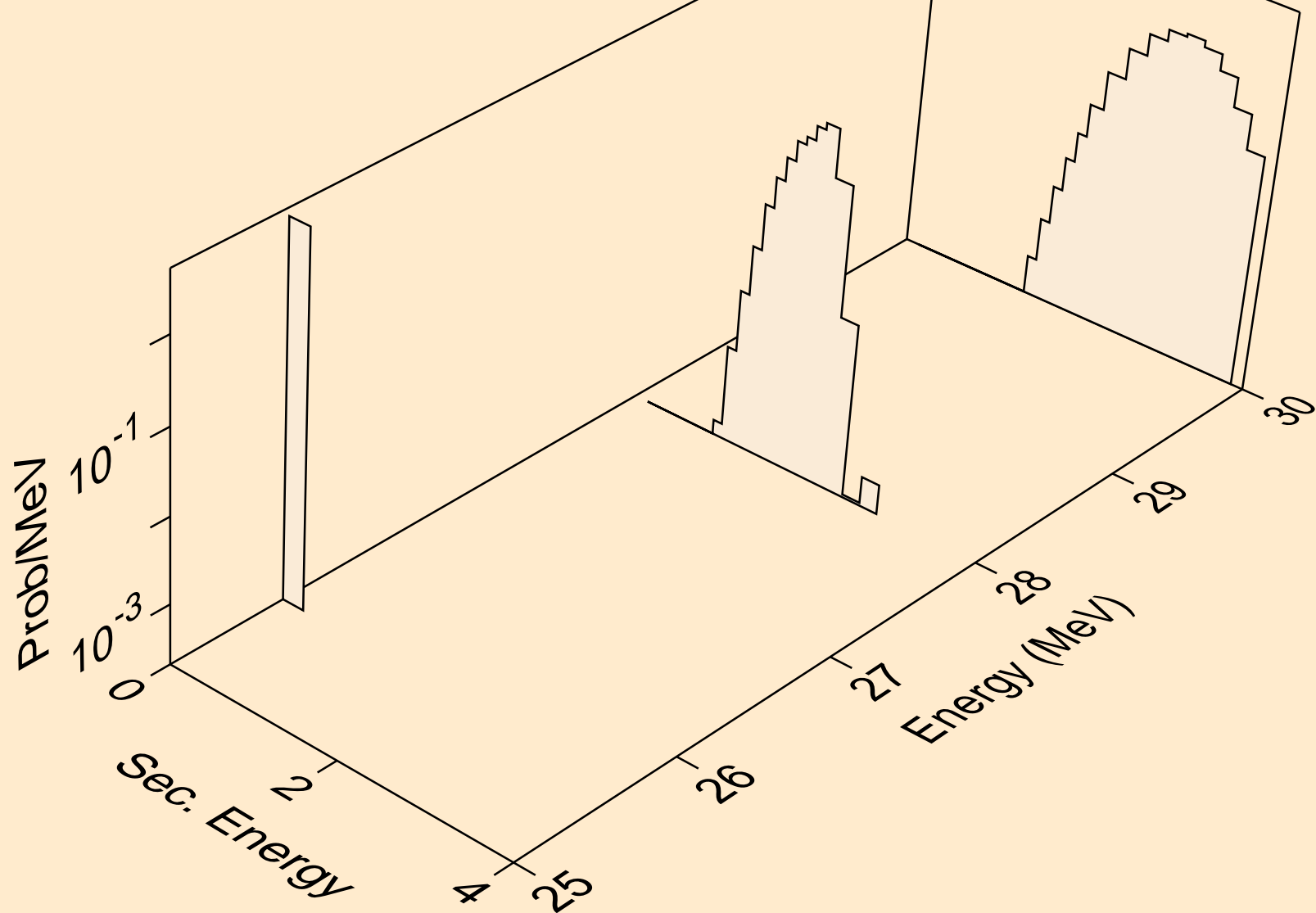




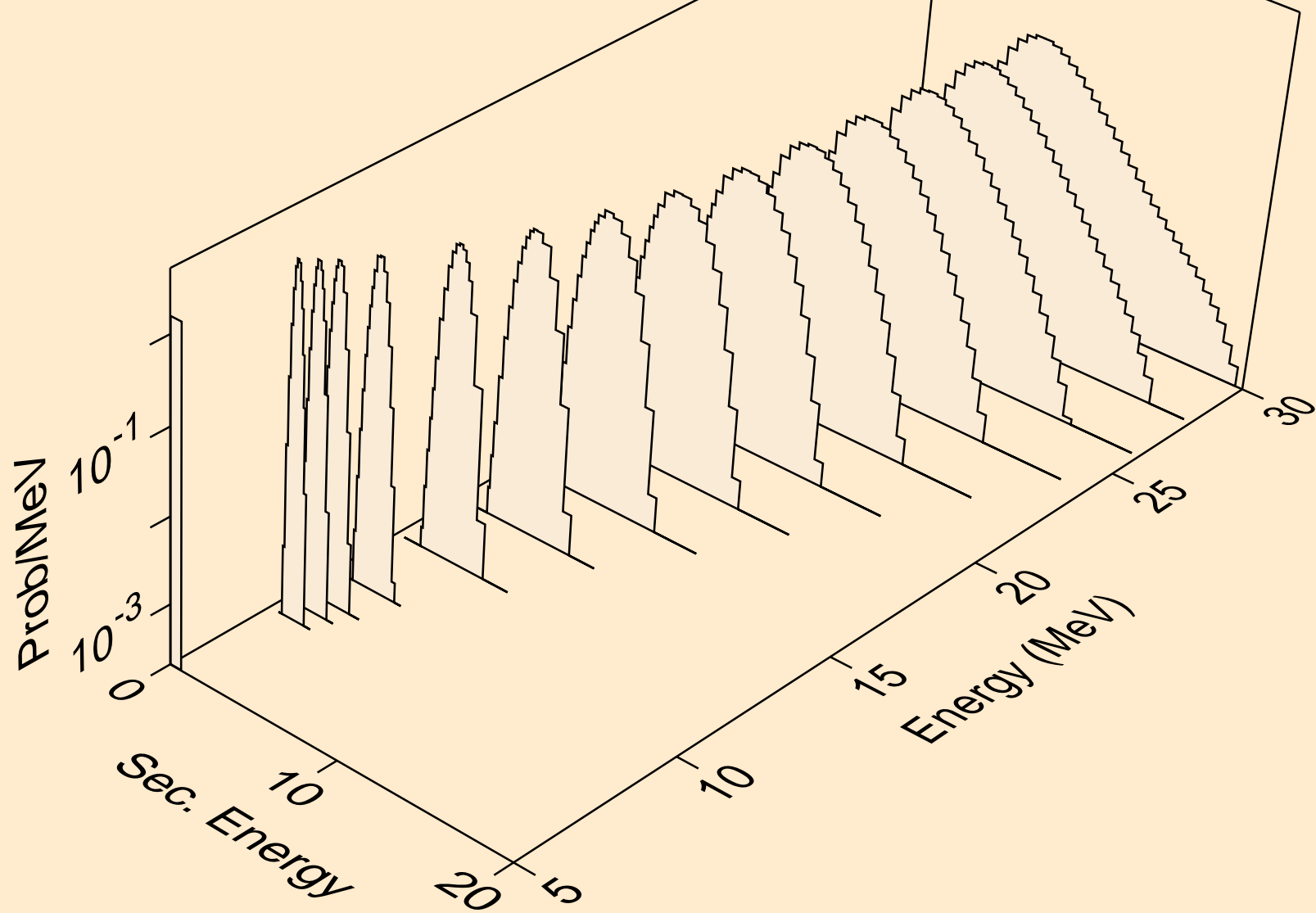
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



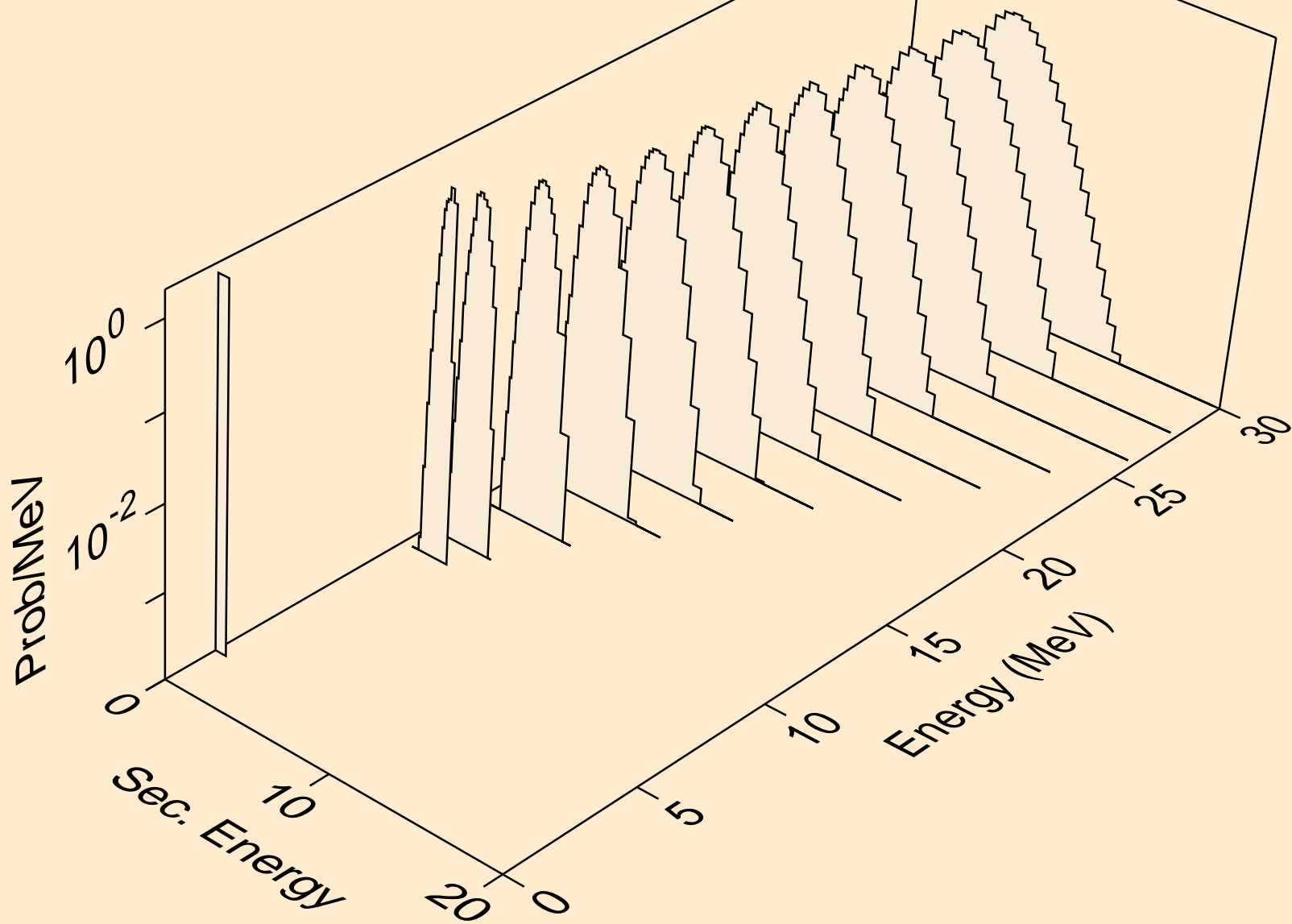
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



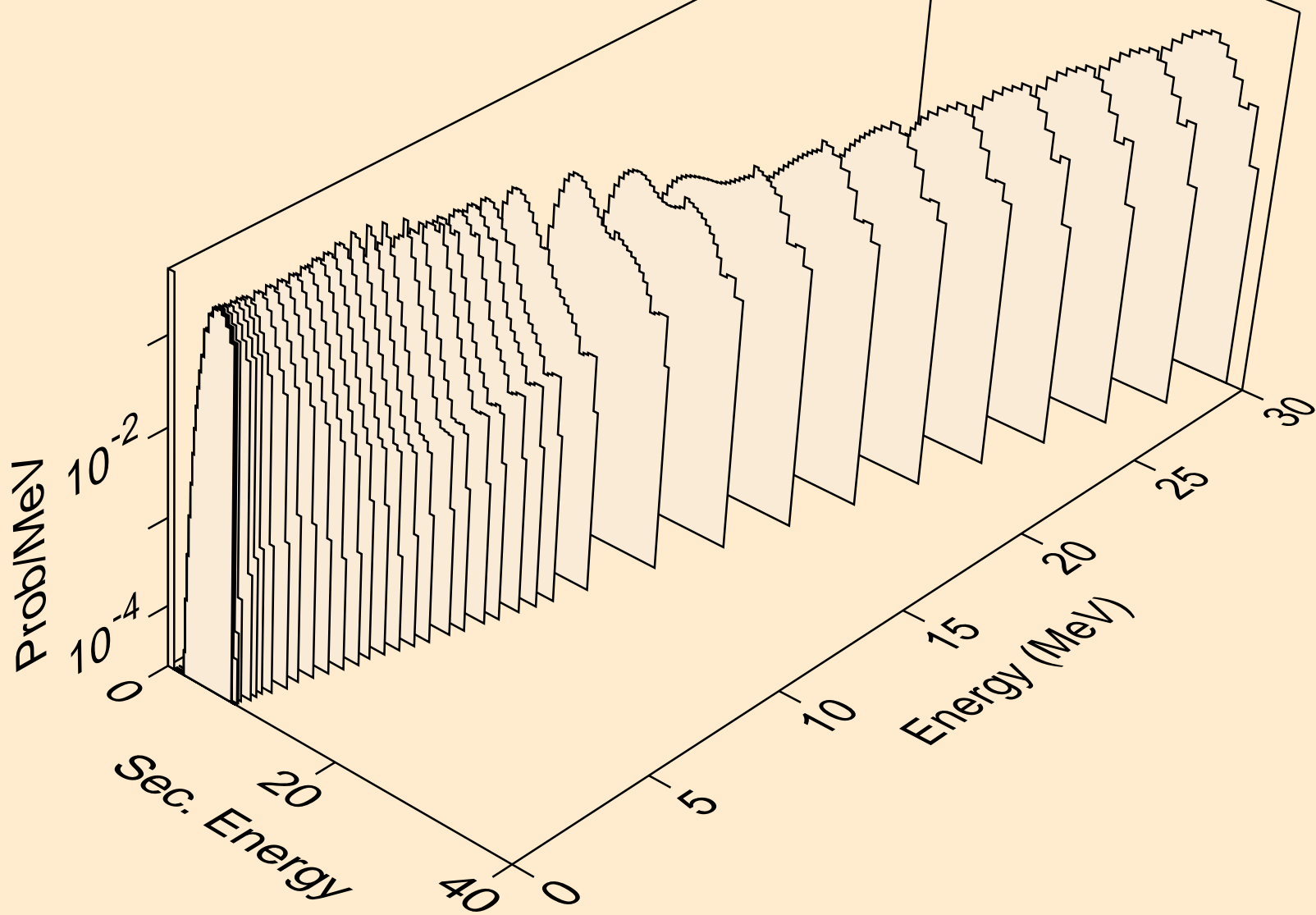
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



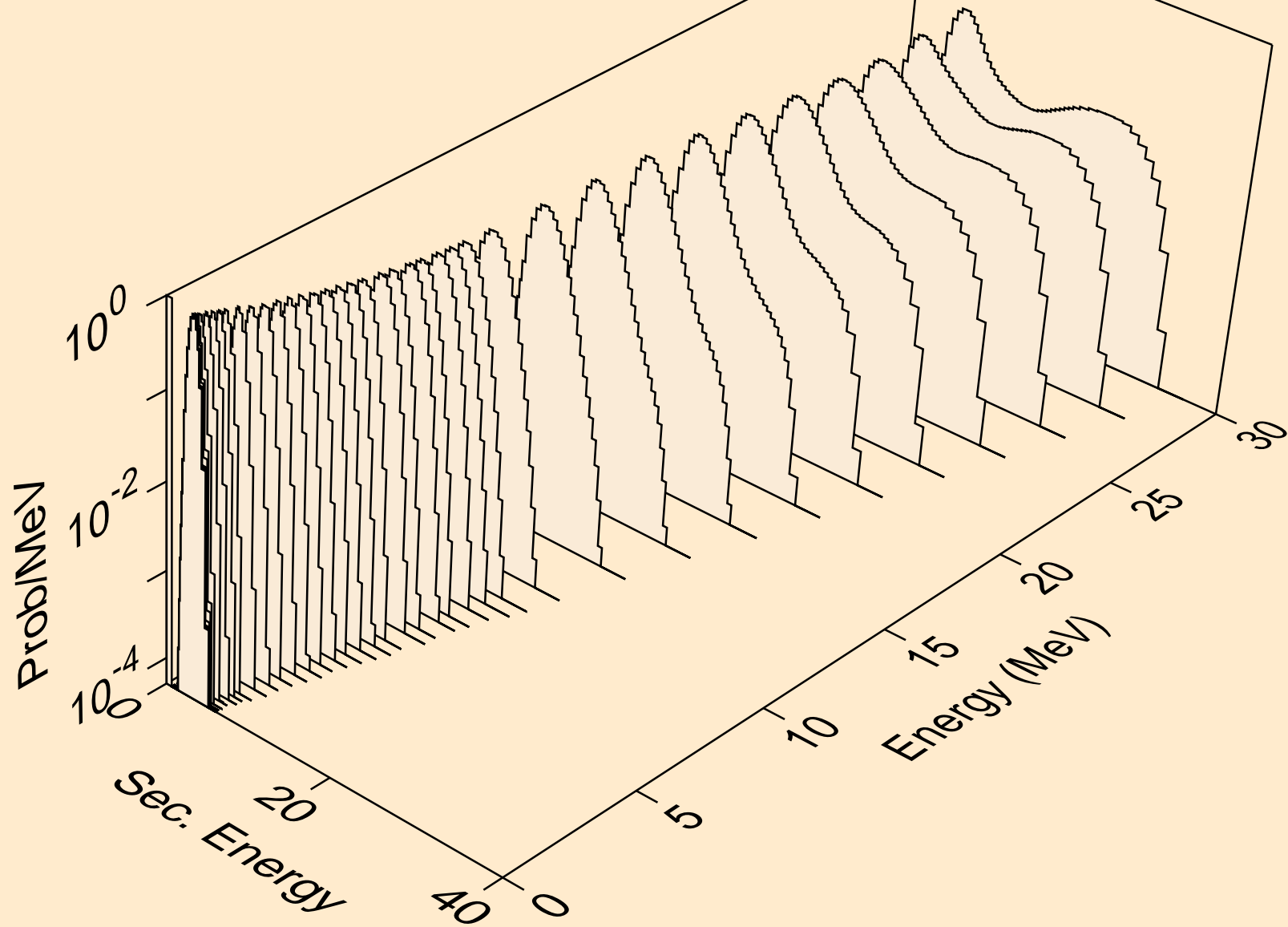
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



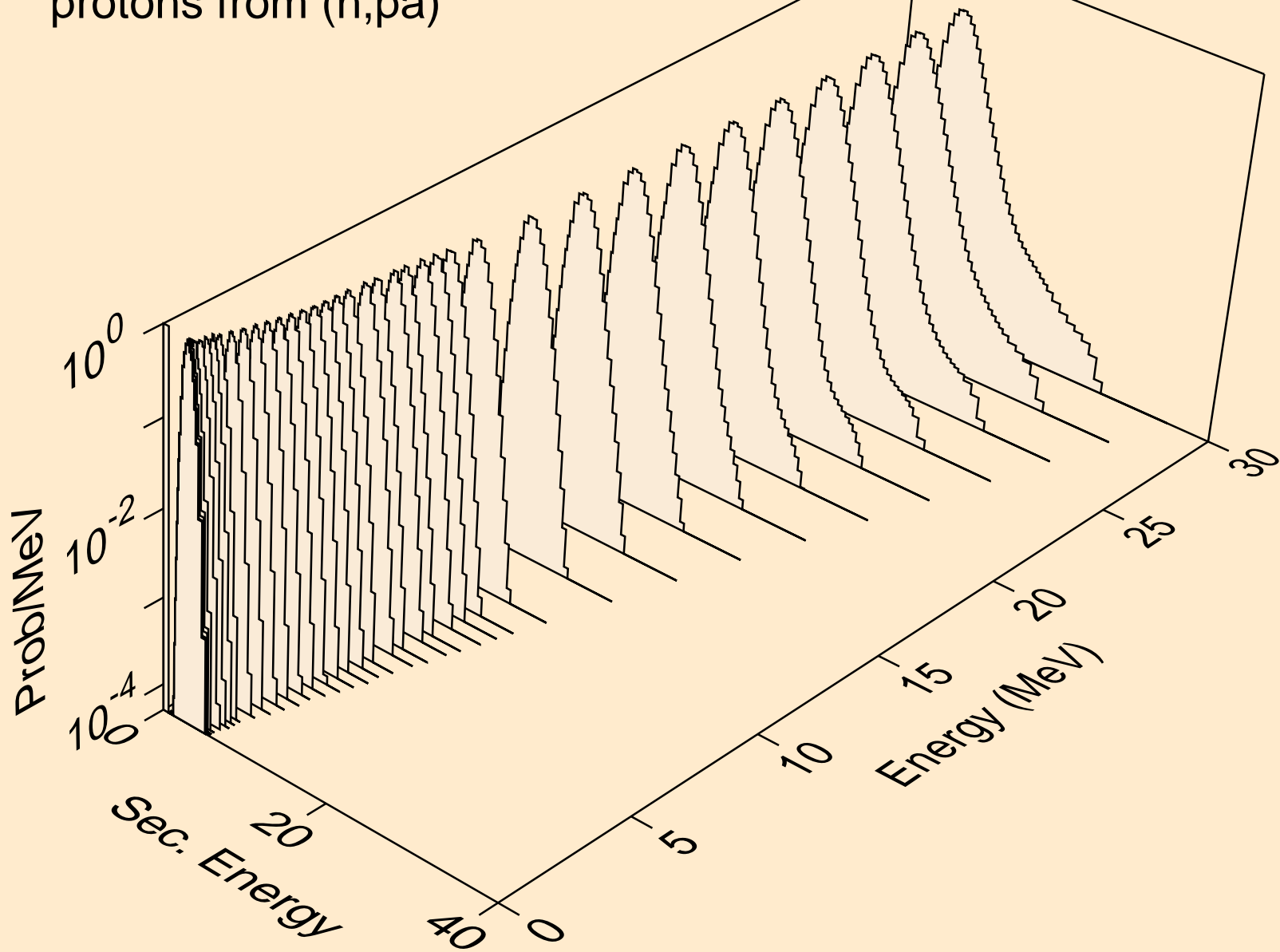
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



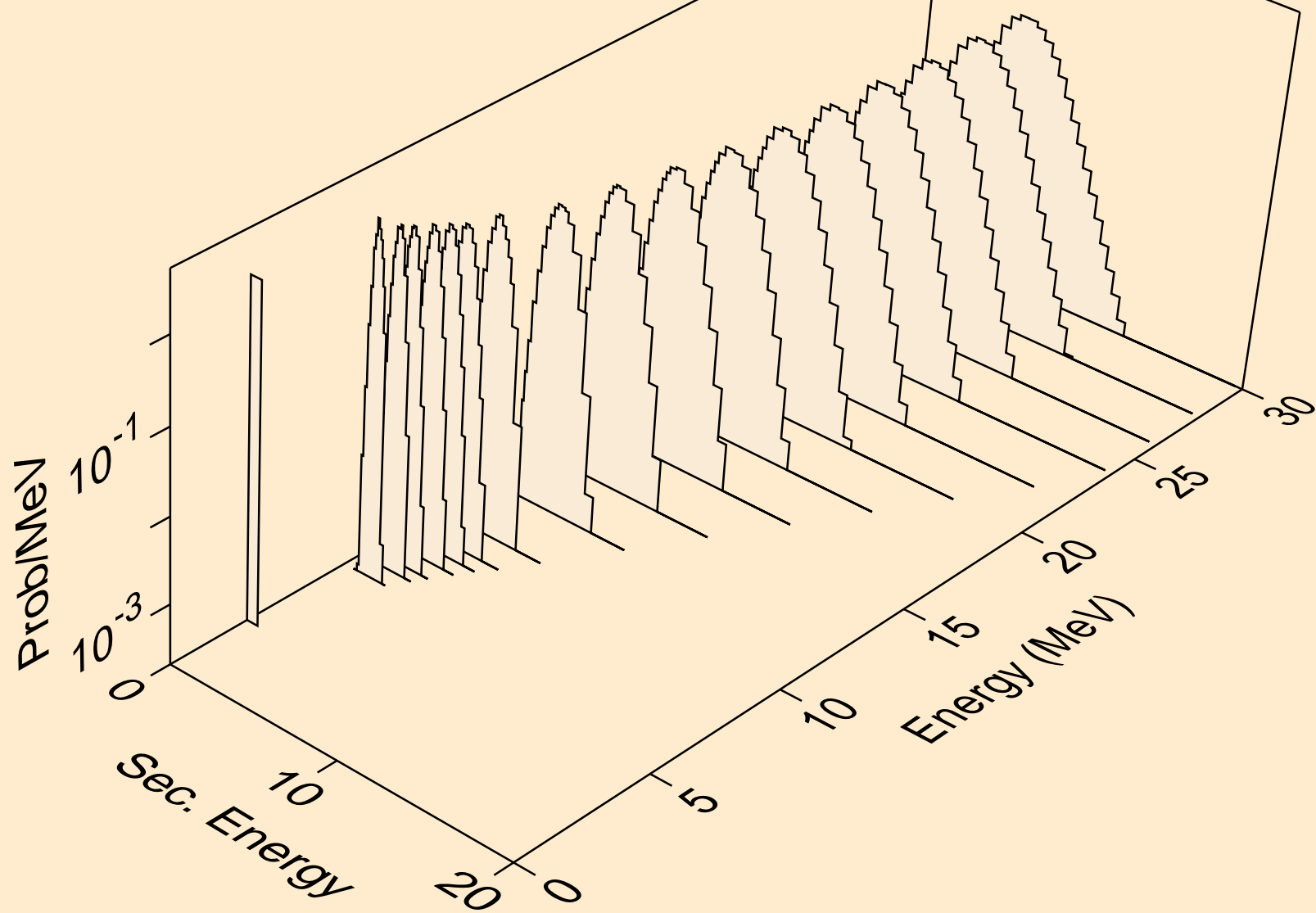
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

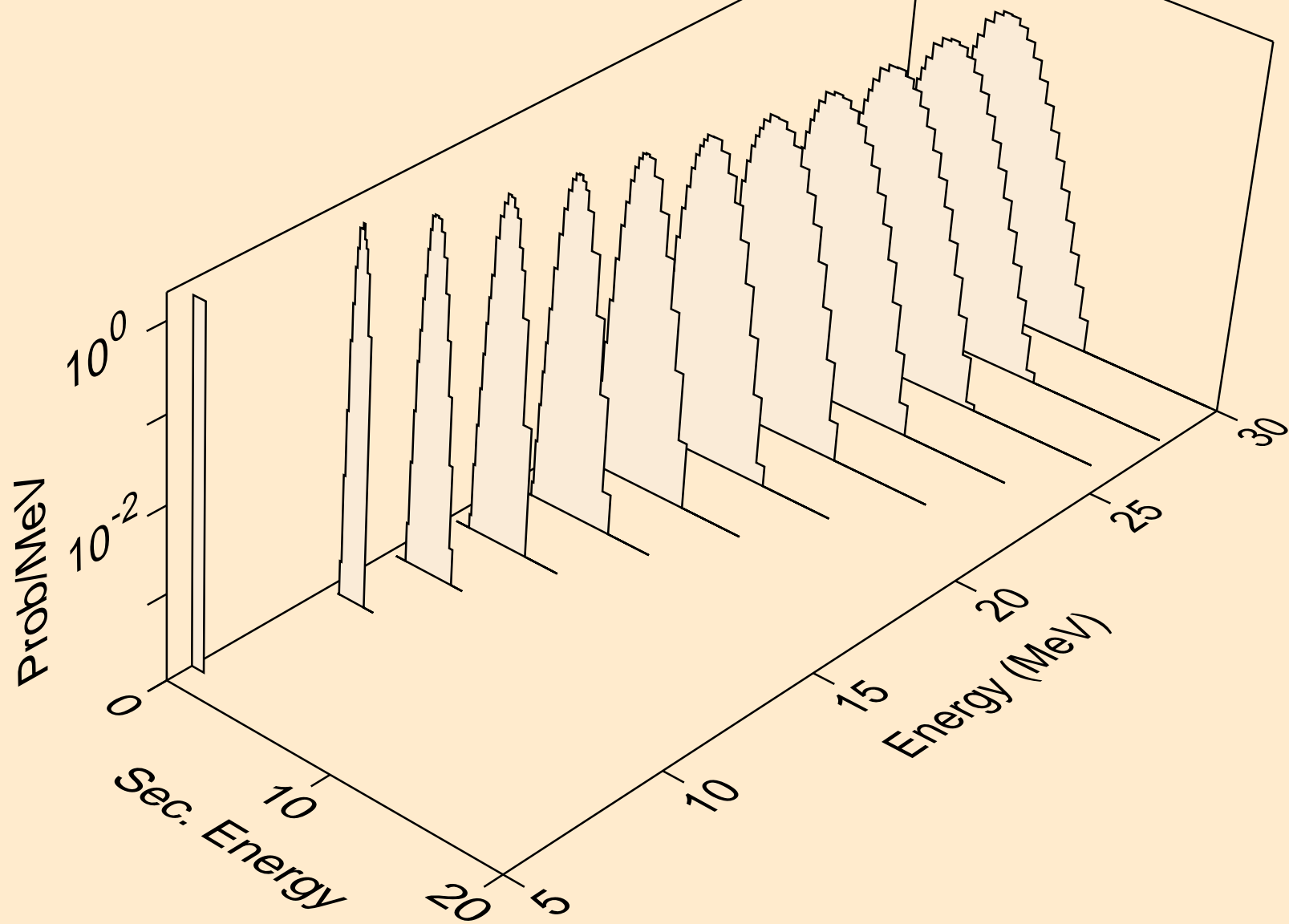


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

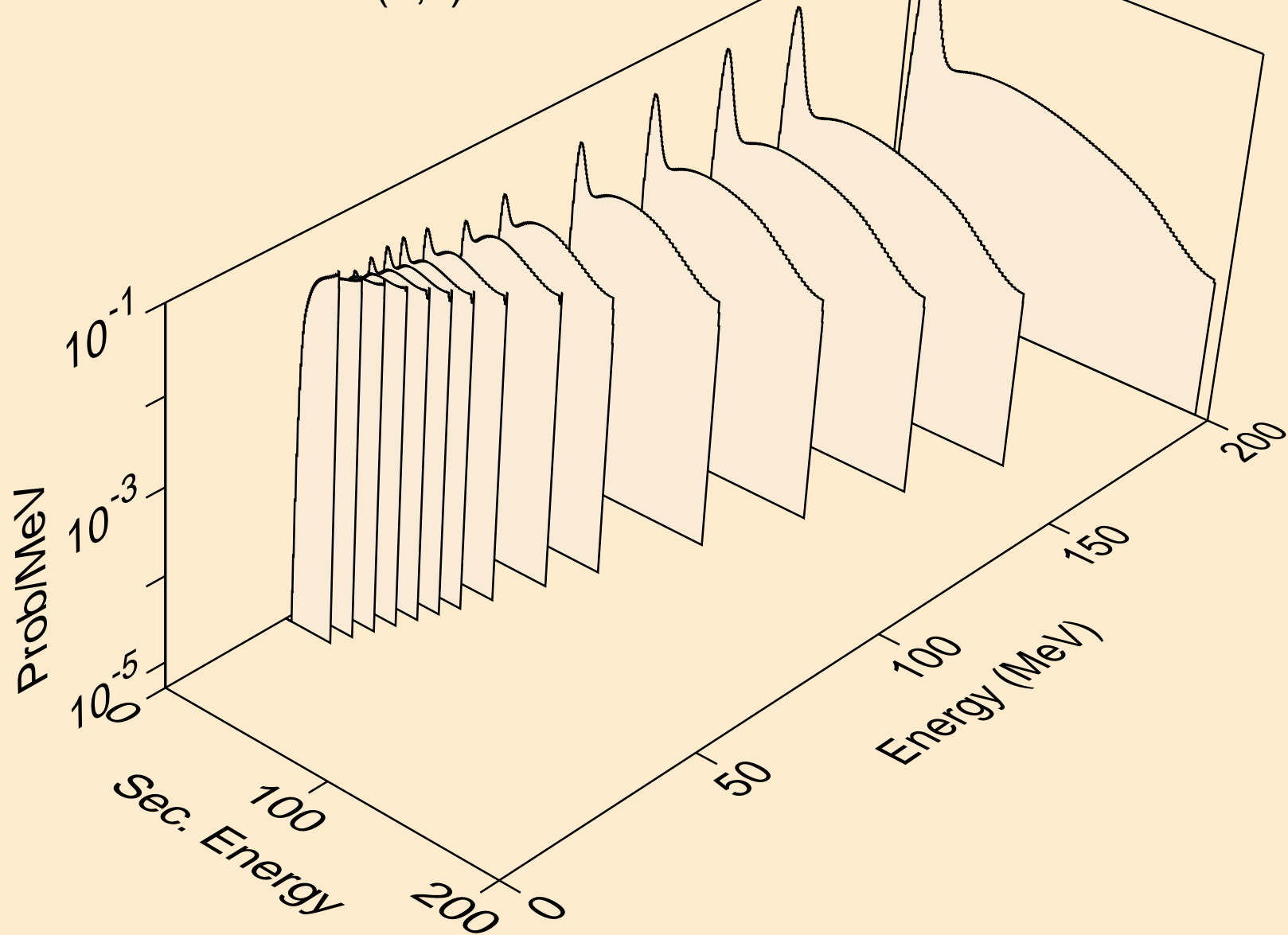




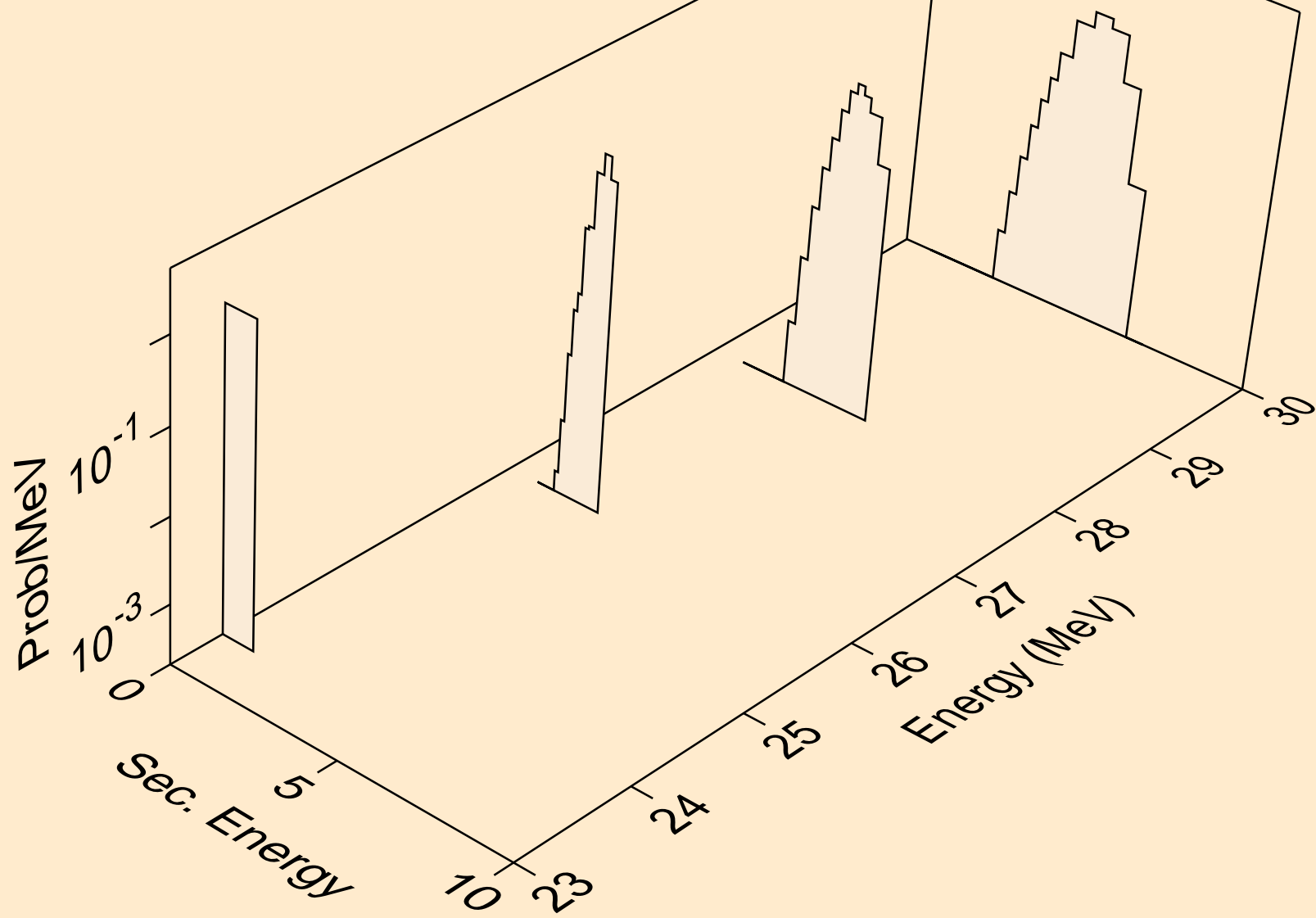
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



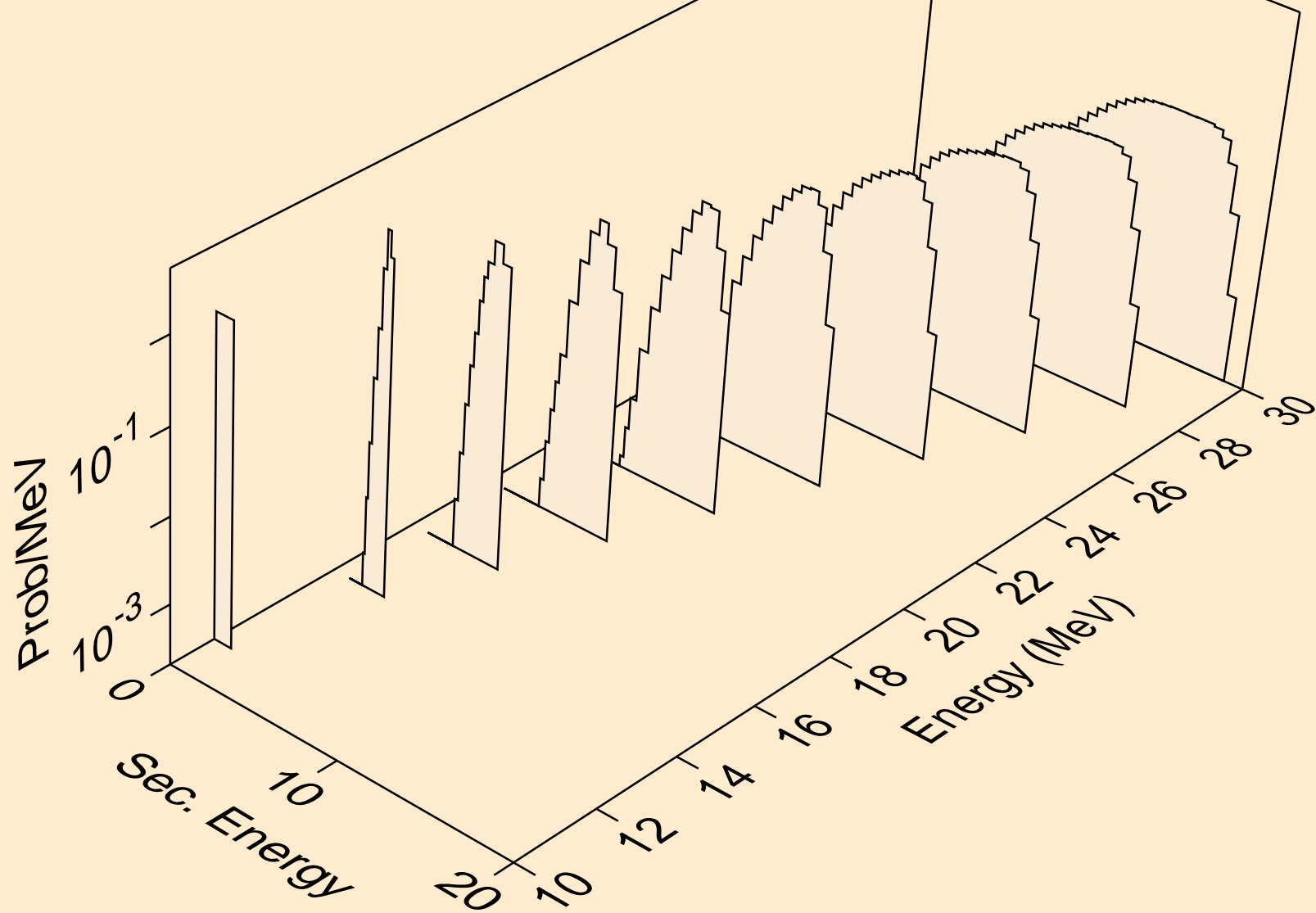
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



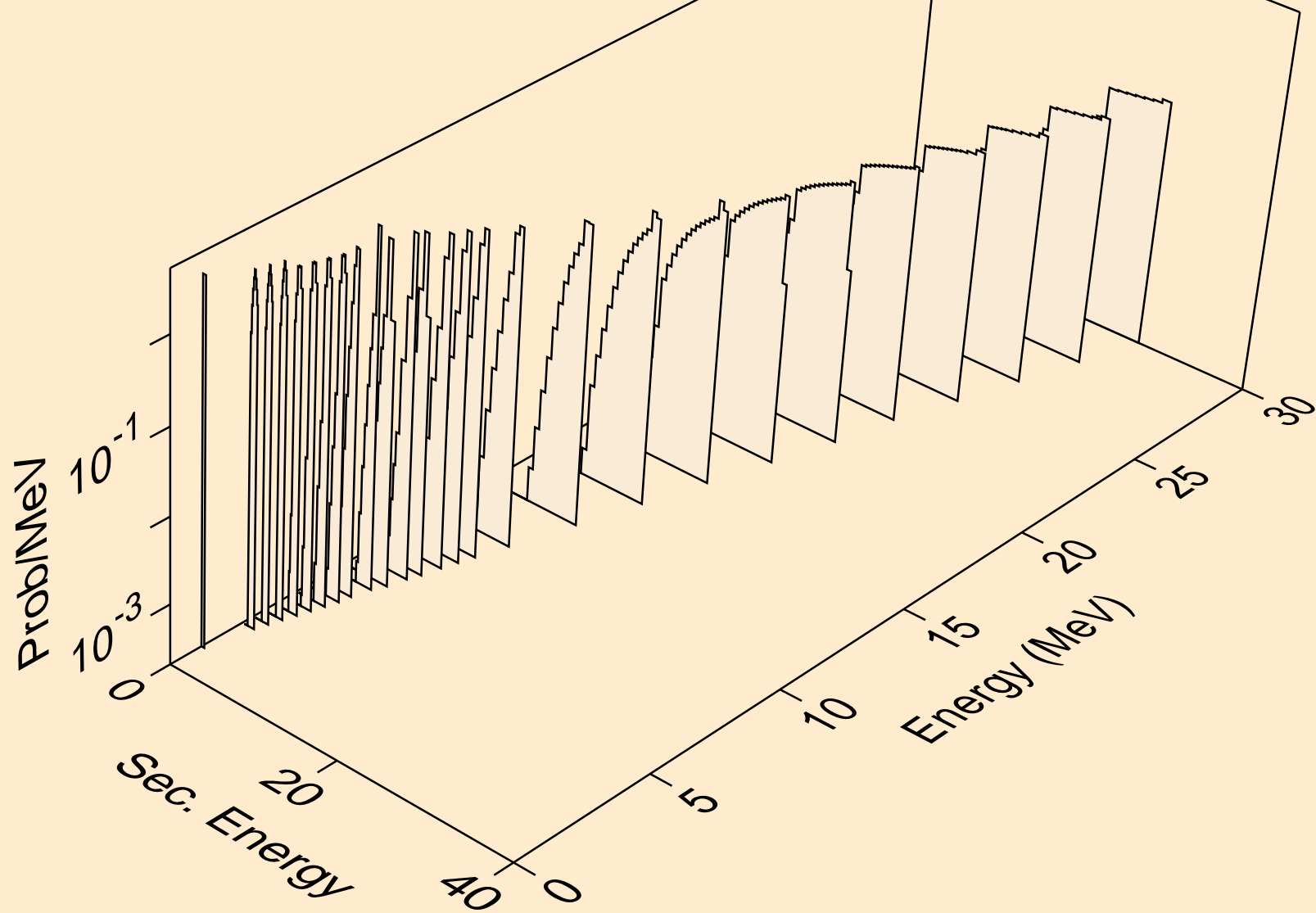
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



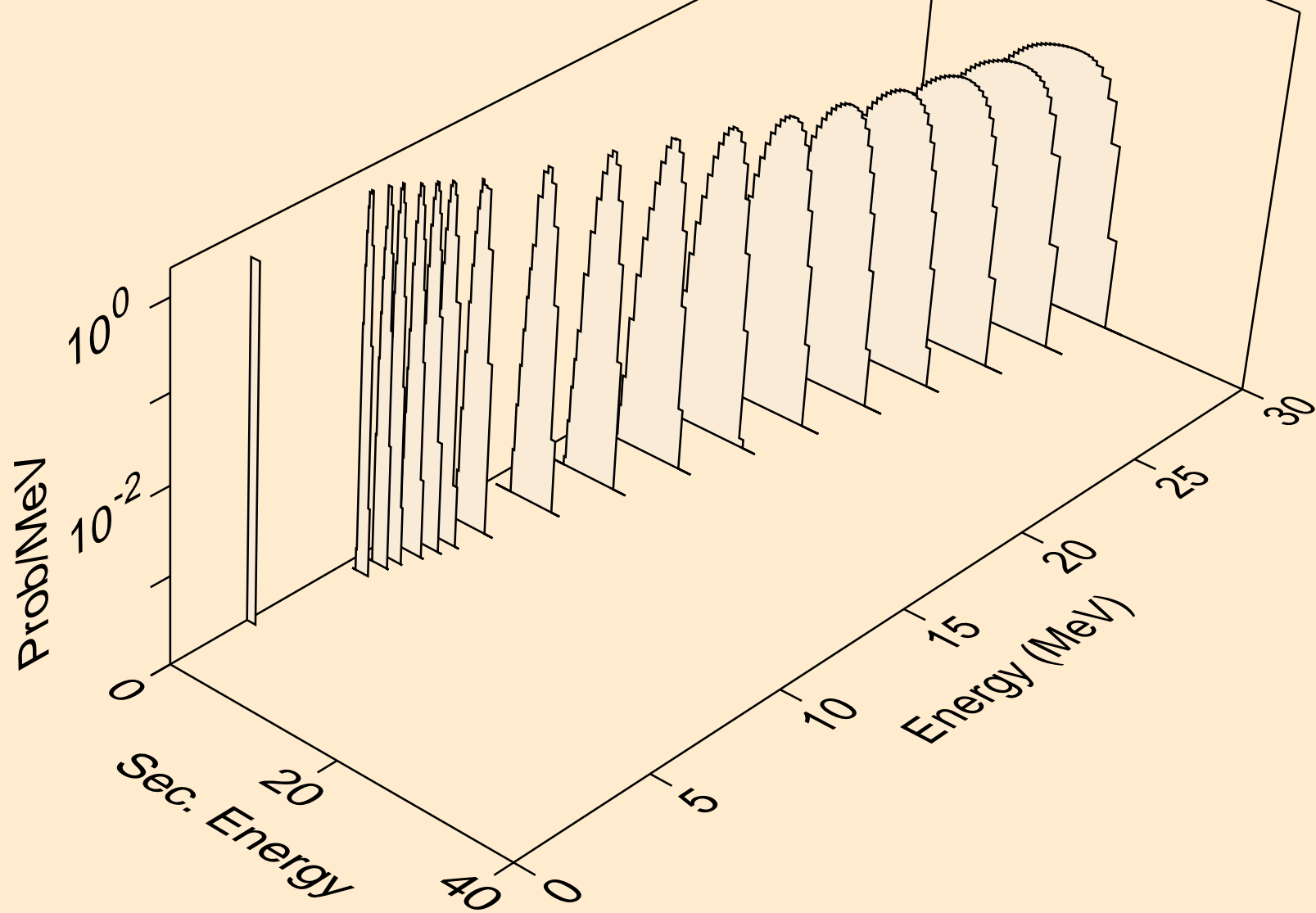
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



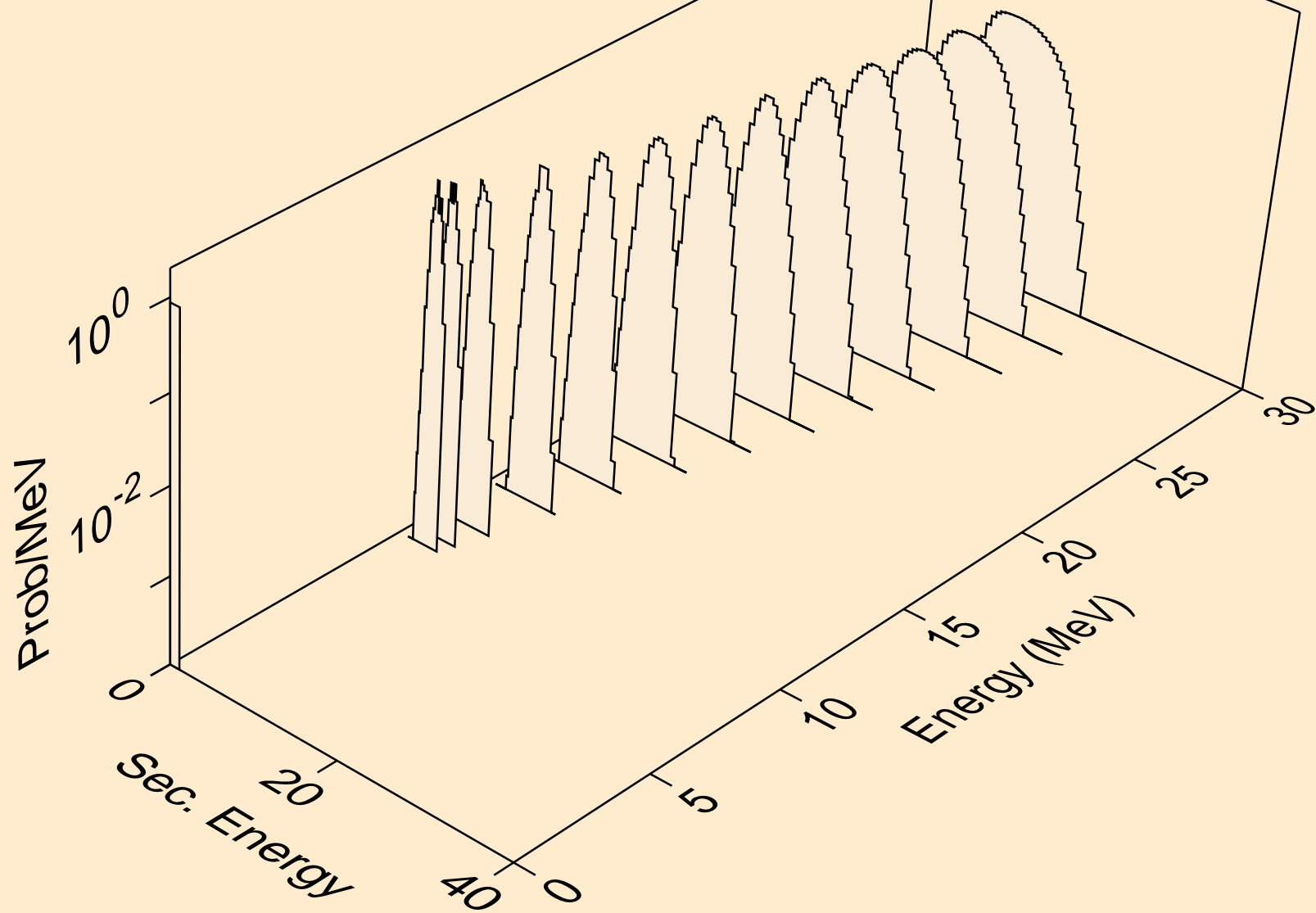
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



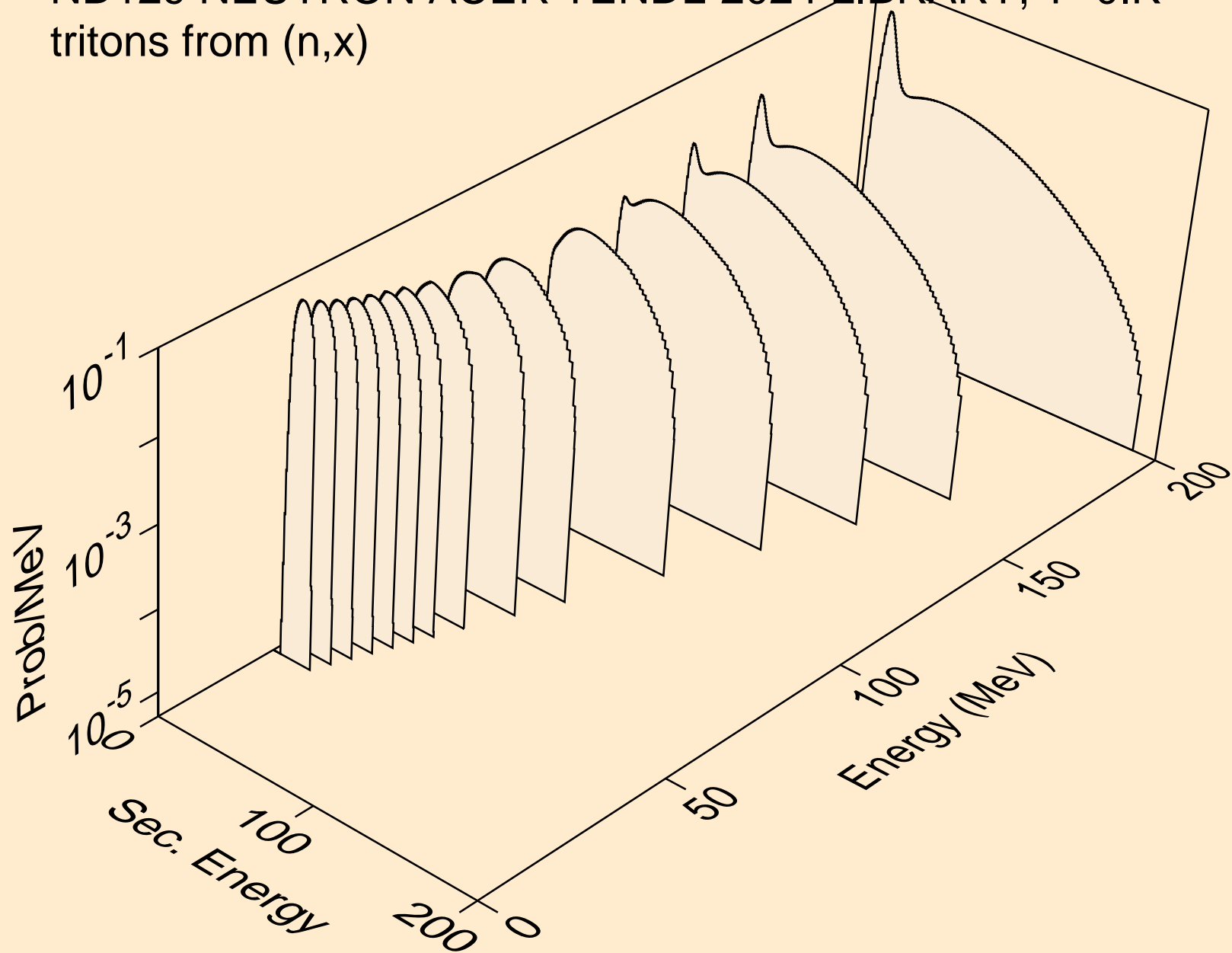
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

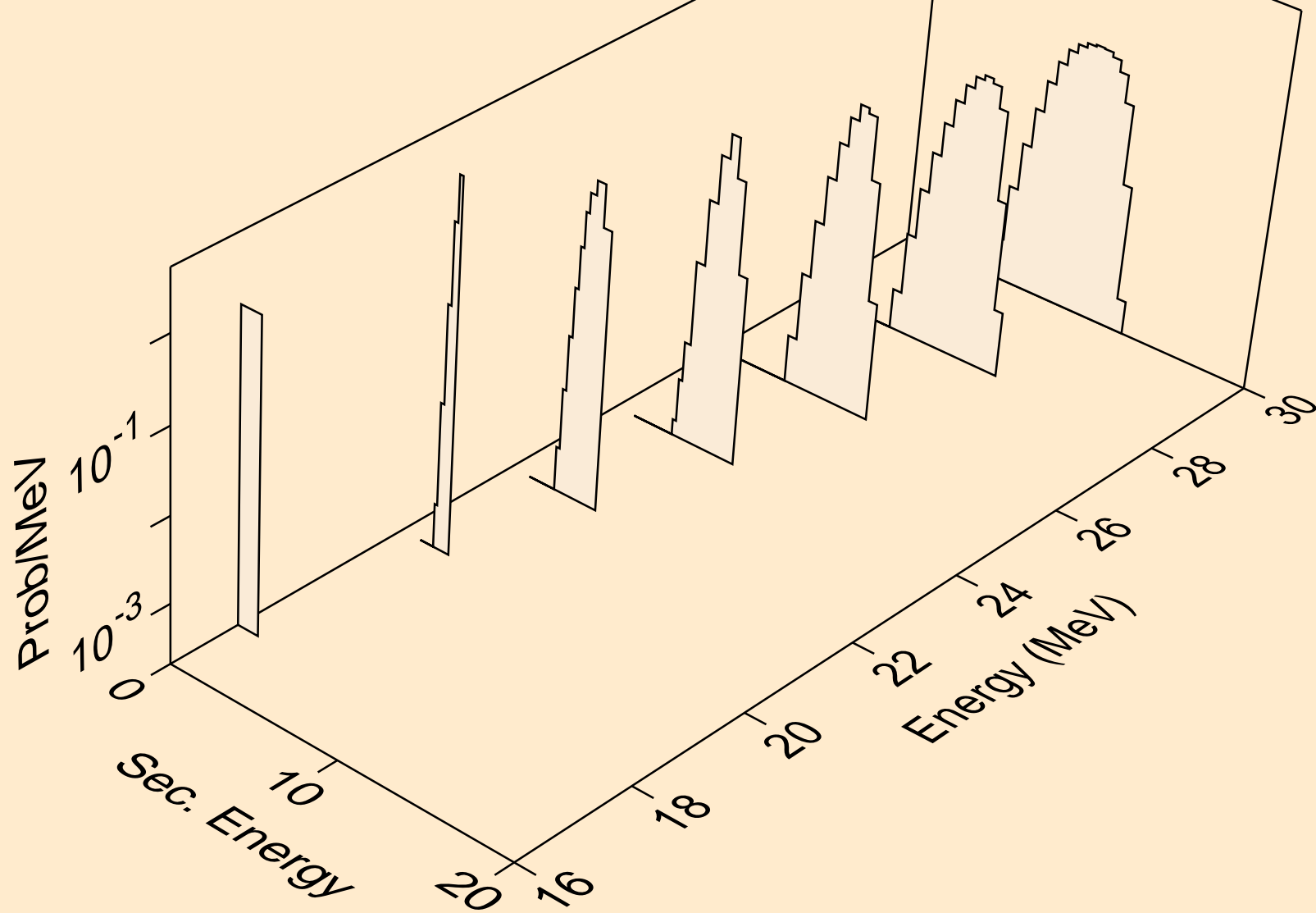


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

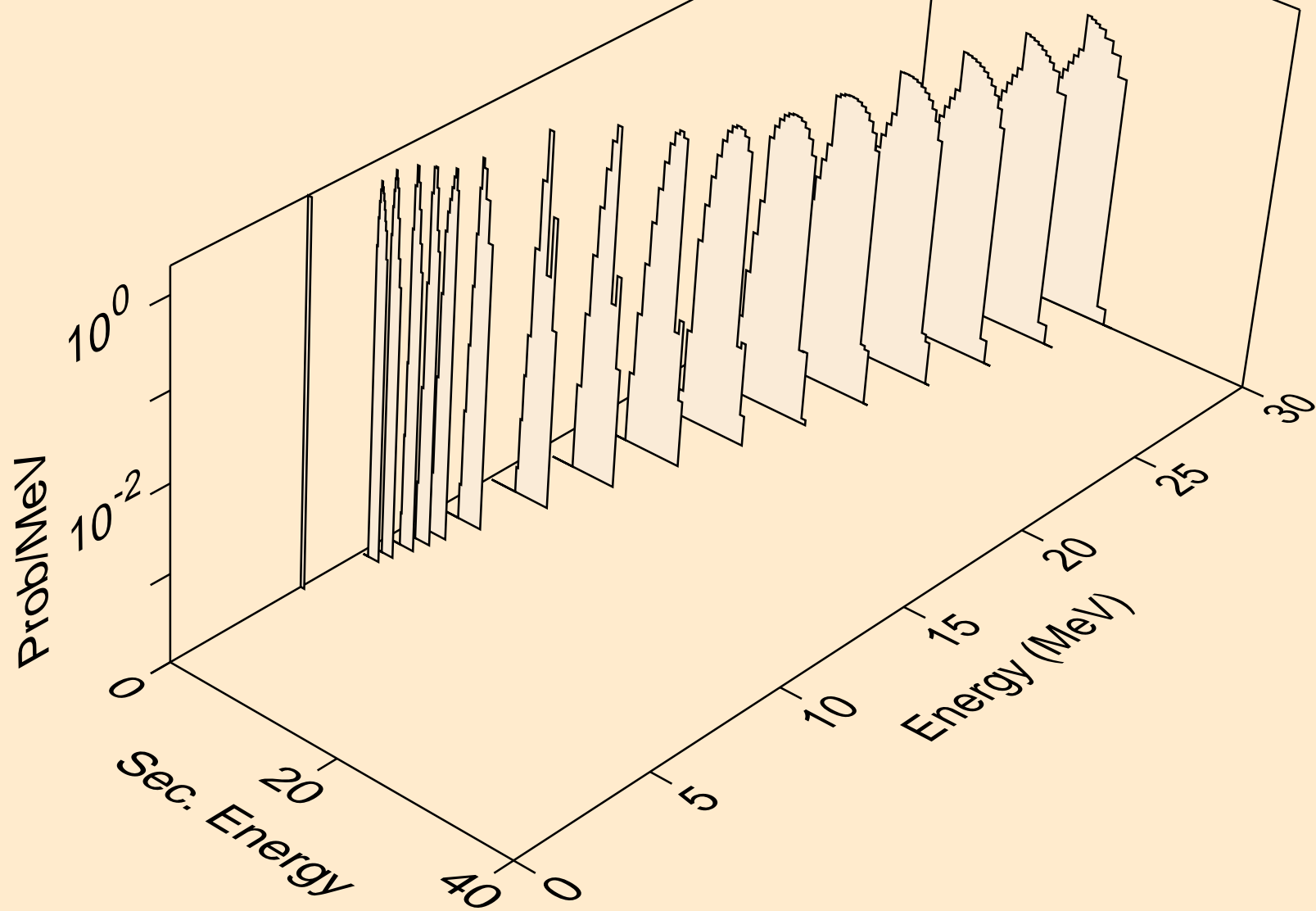




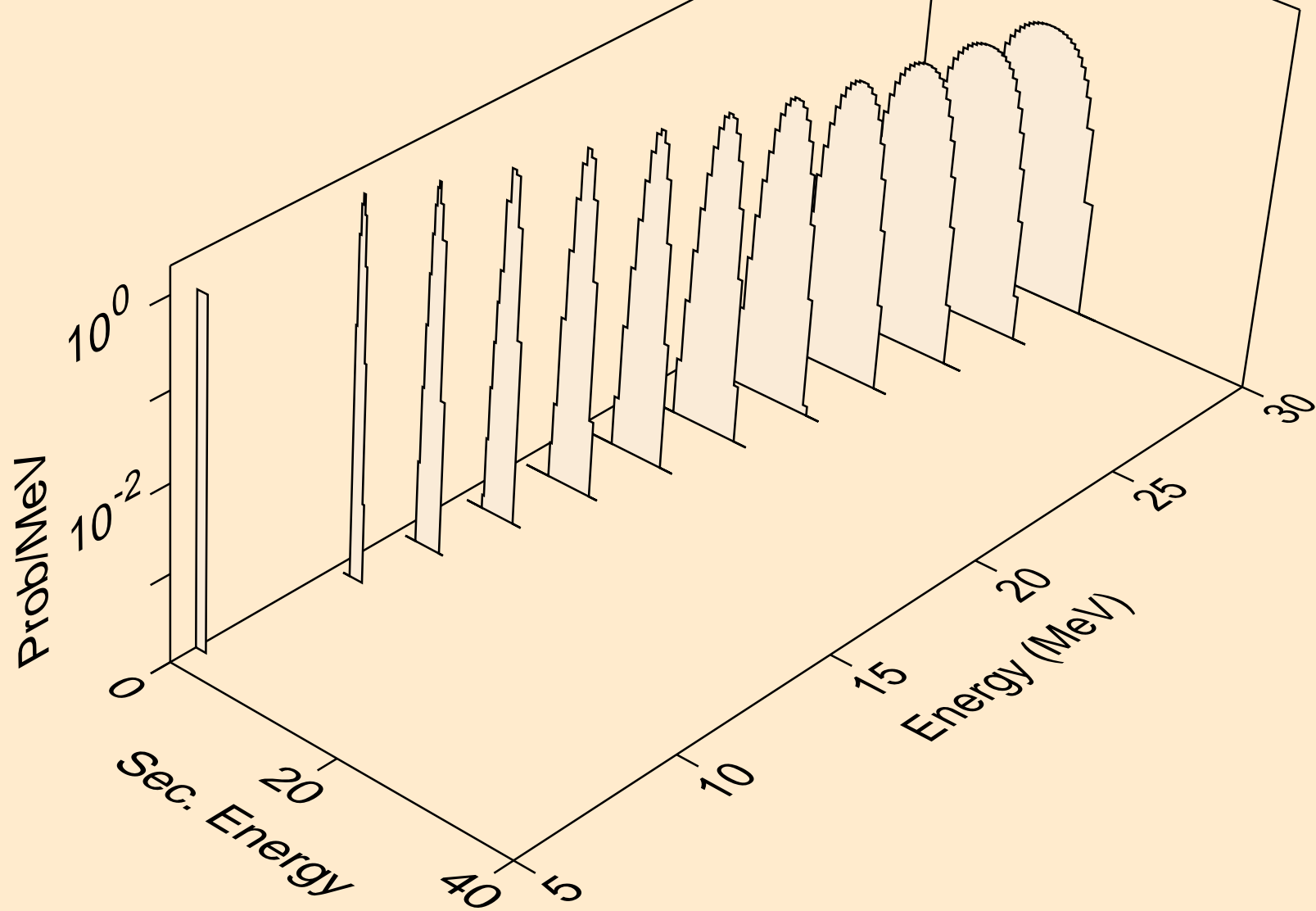
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



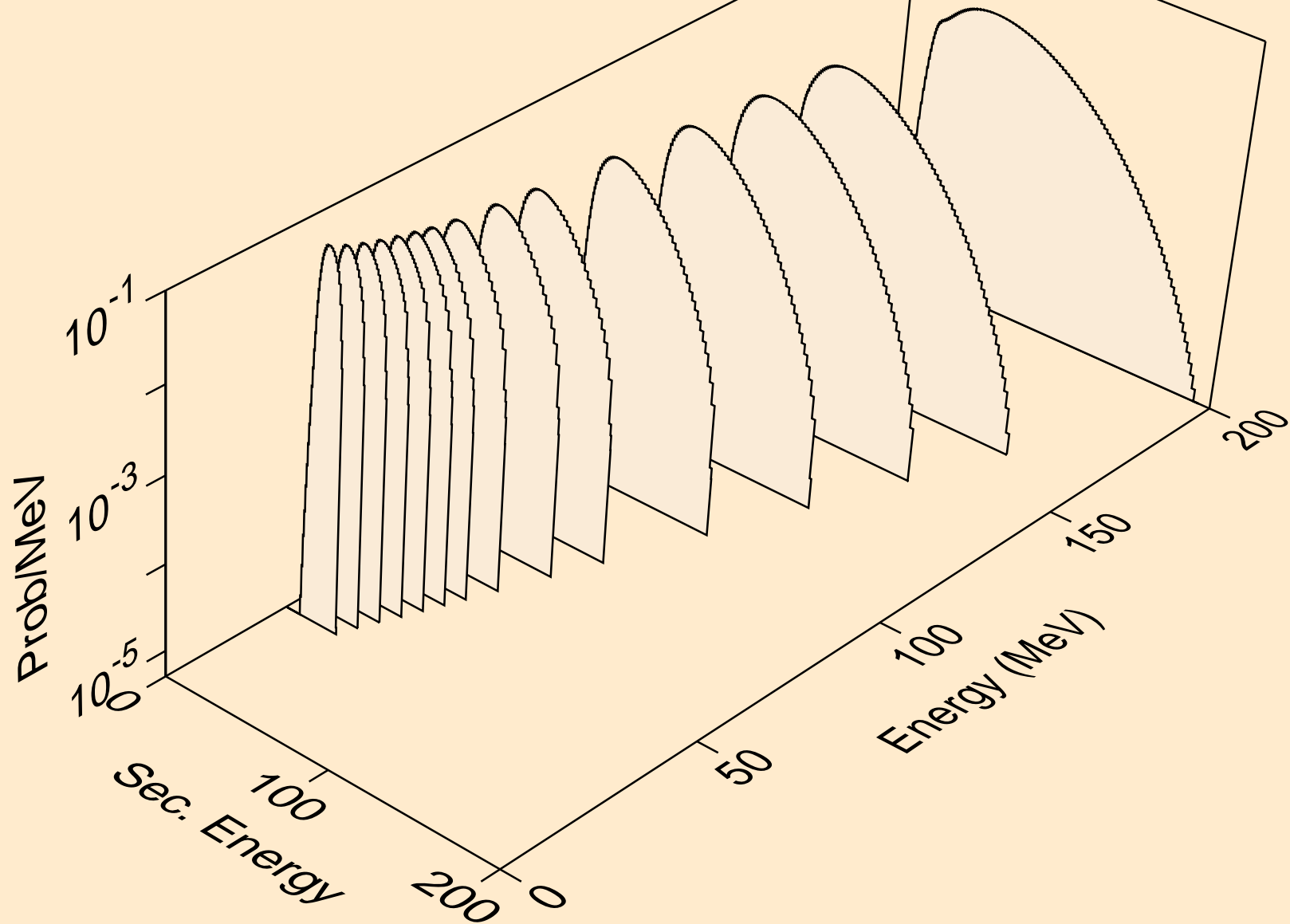
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



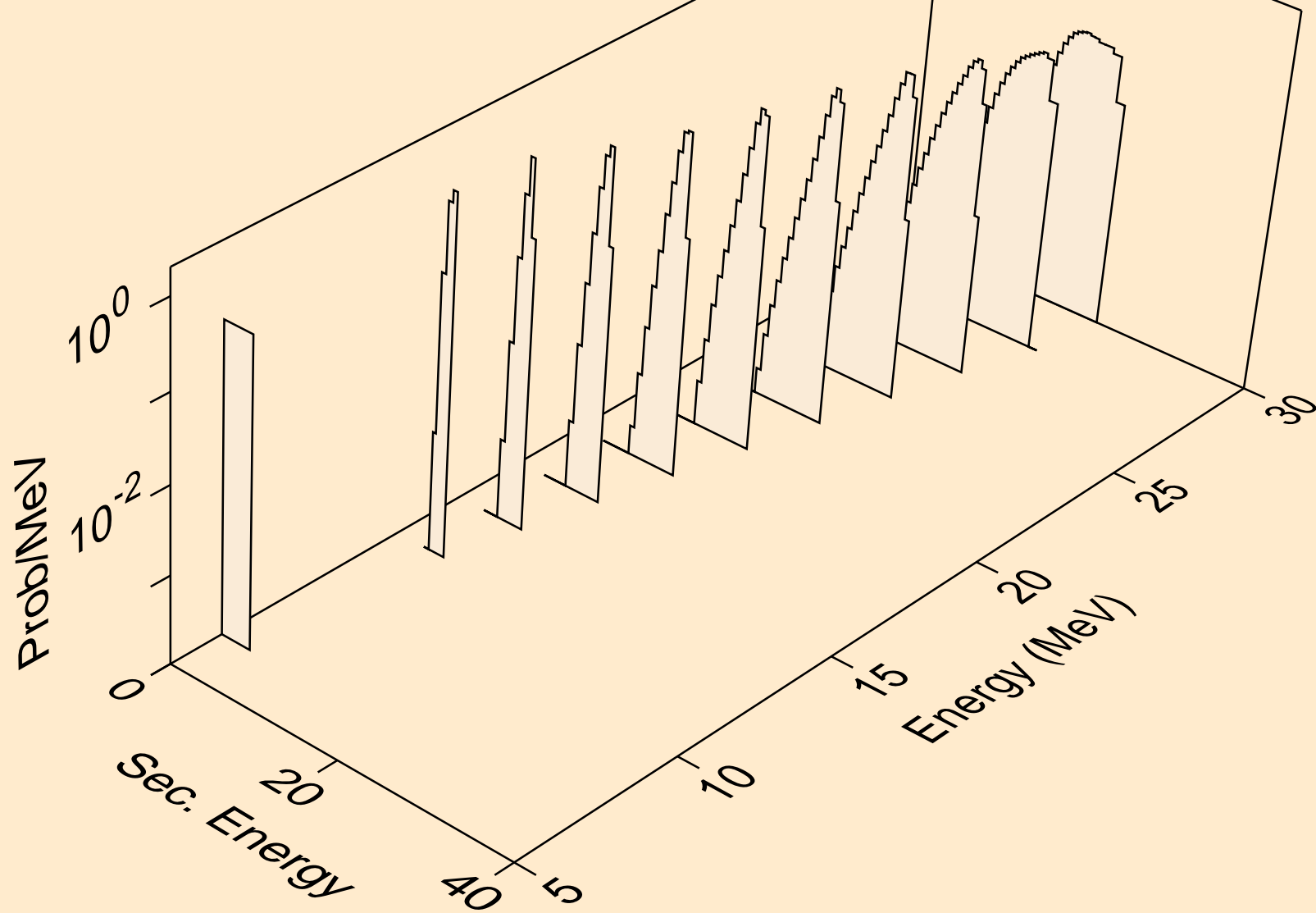
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)



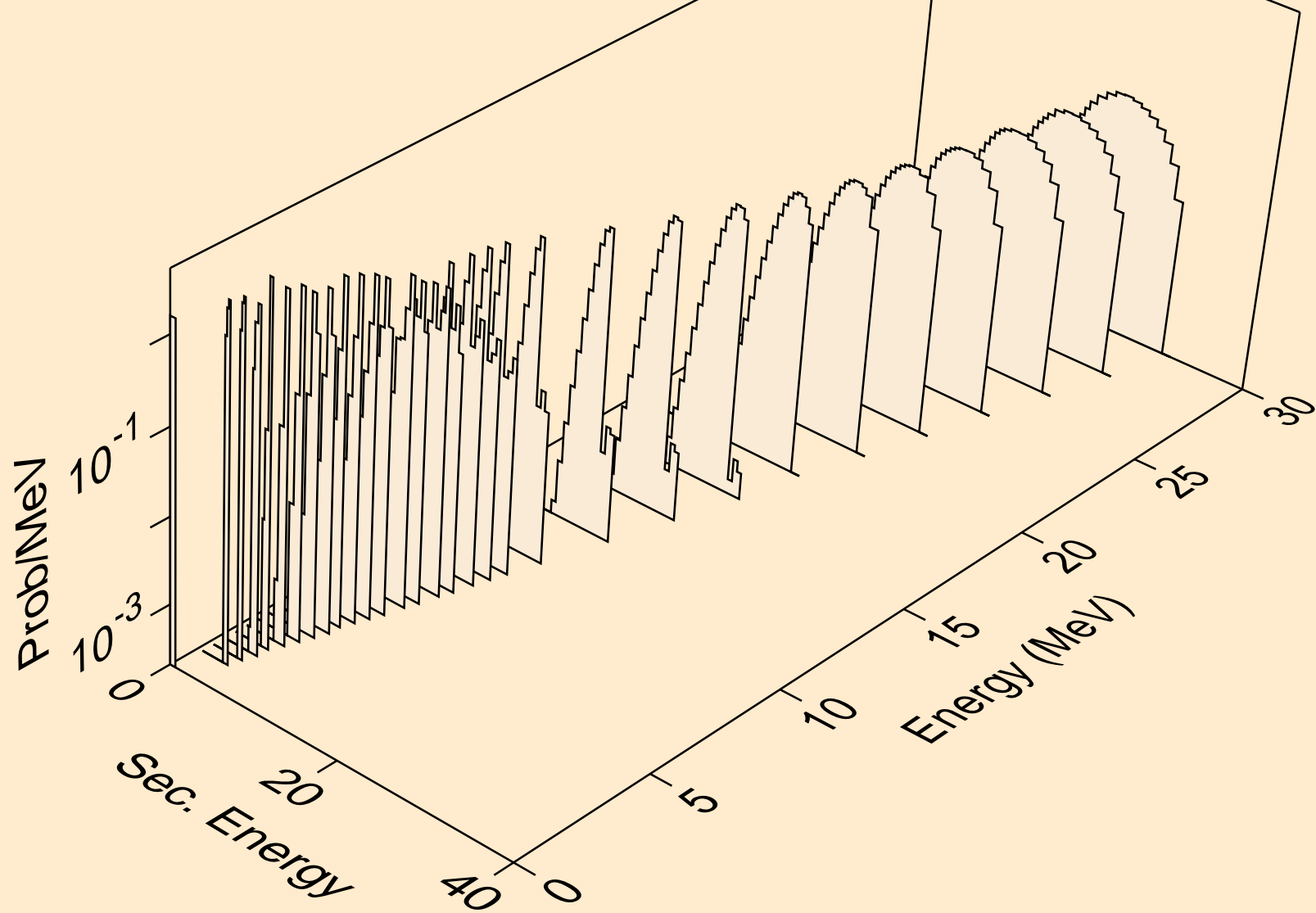
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



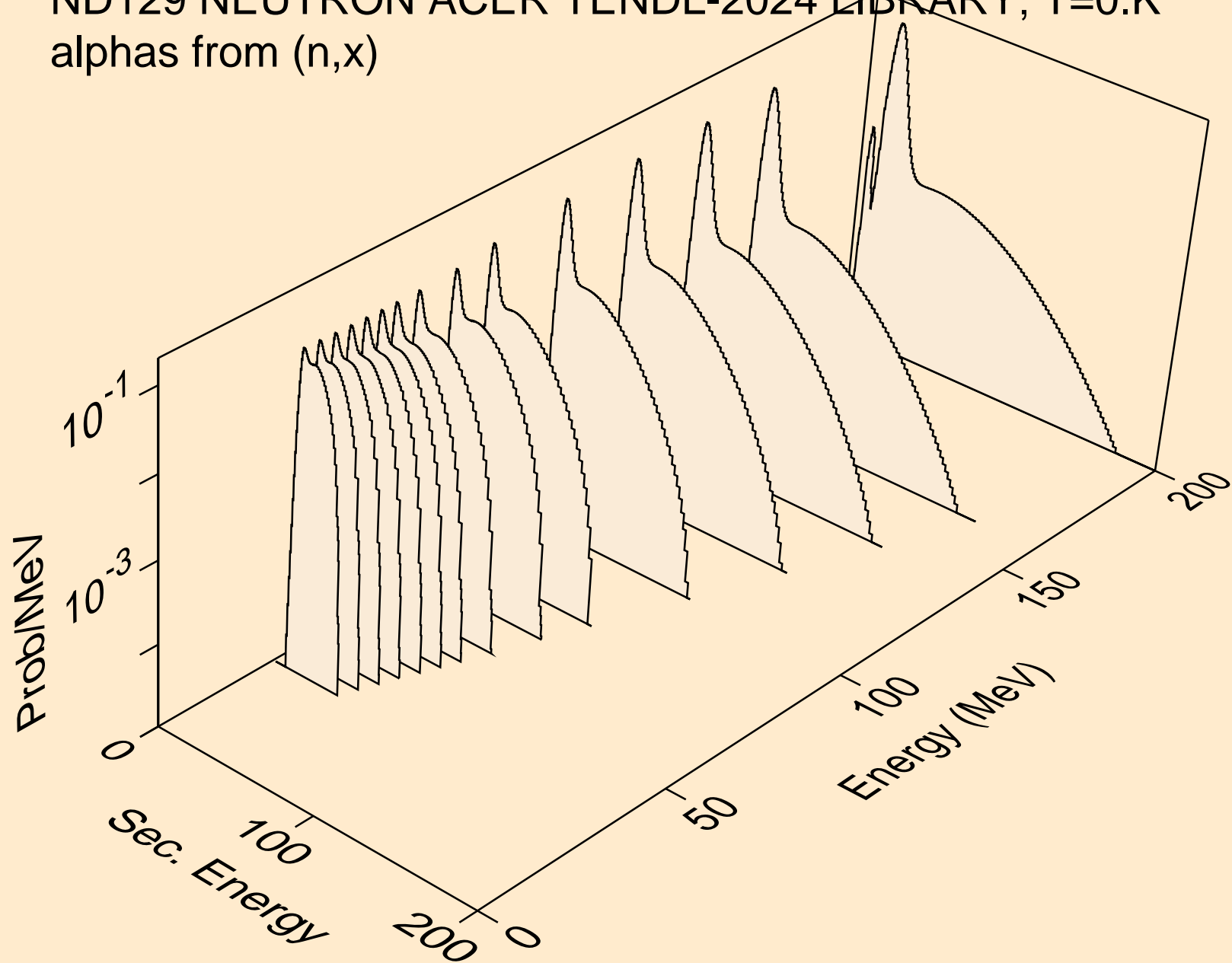
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



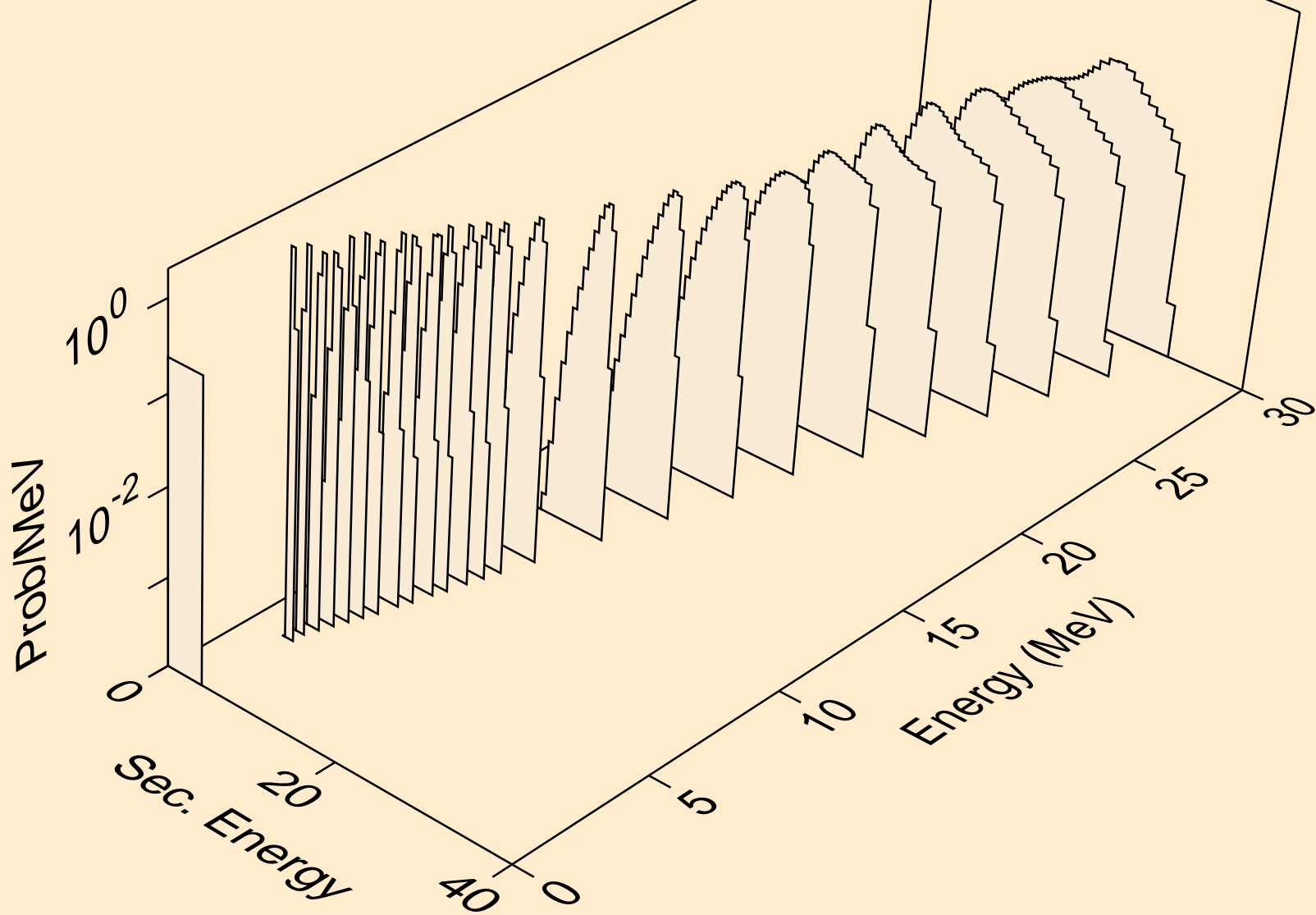
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

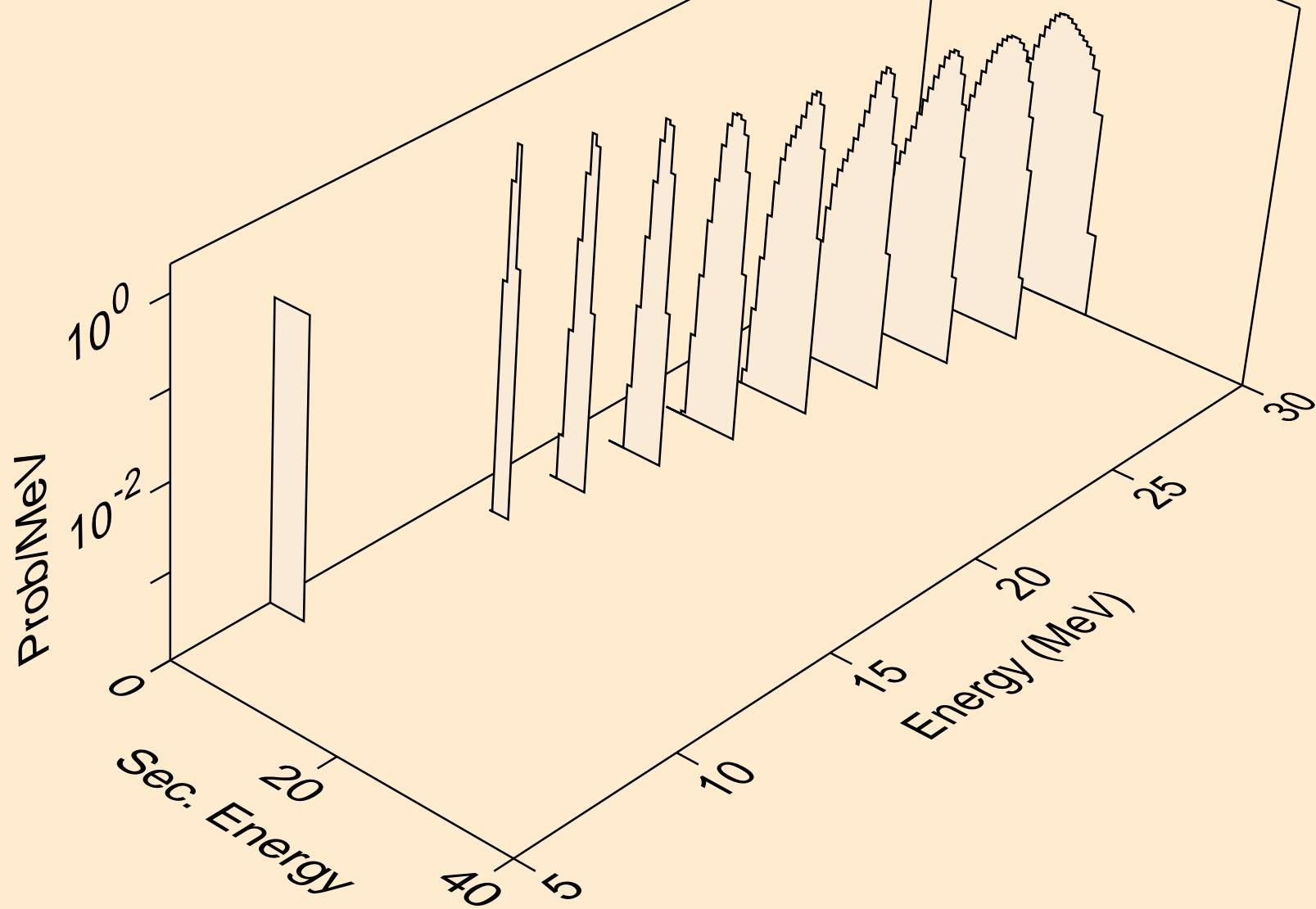


ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

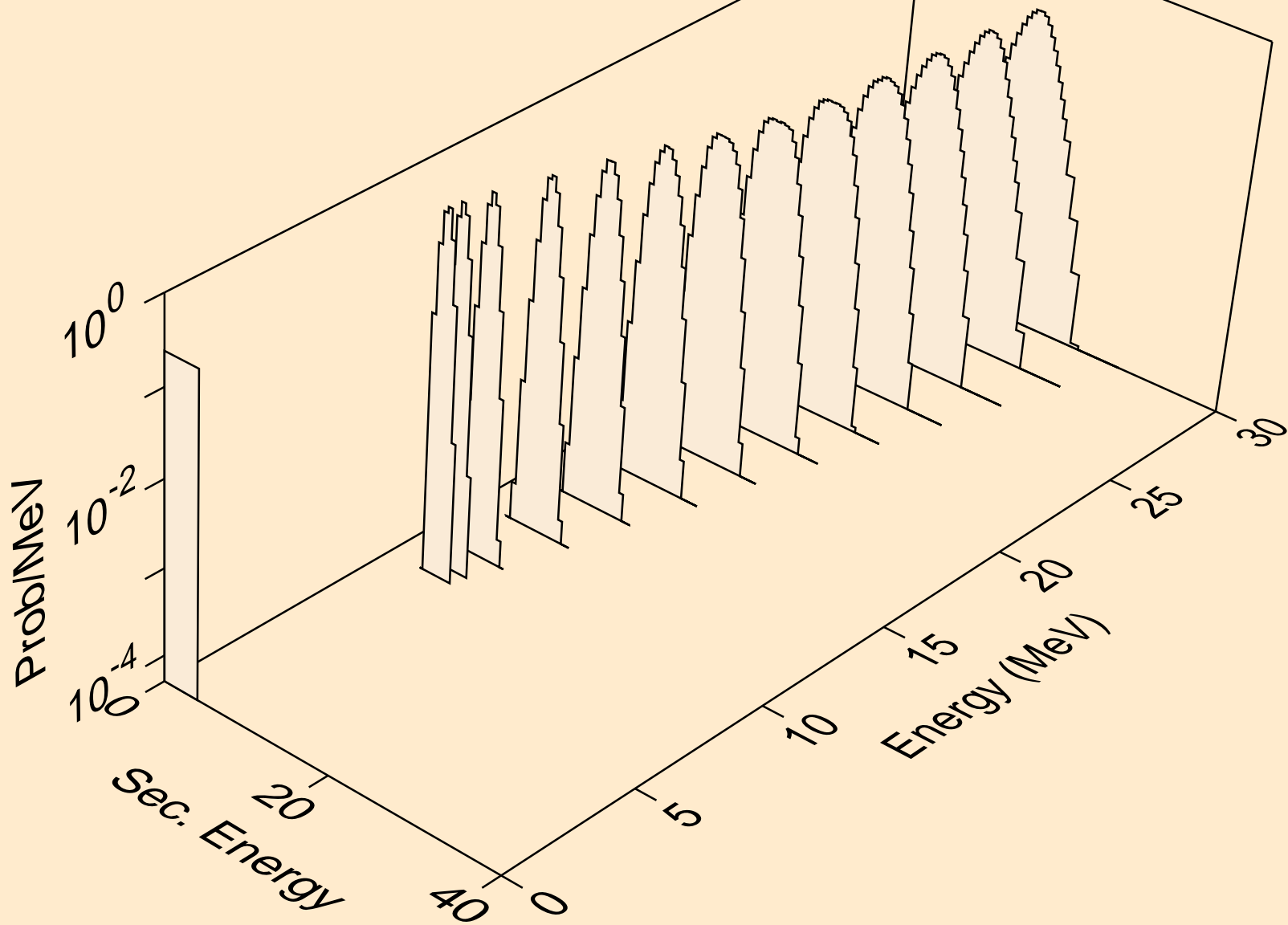




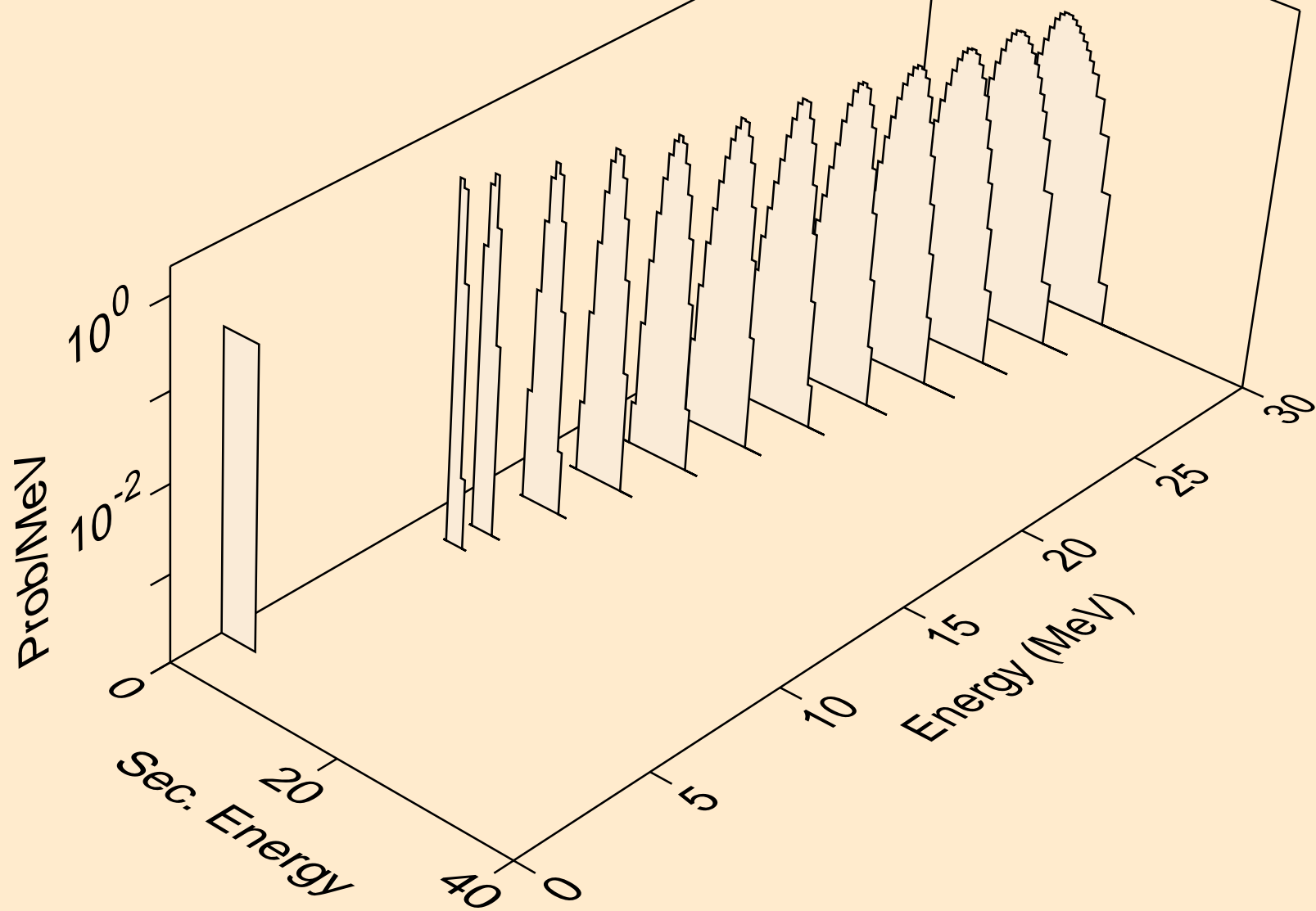
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



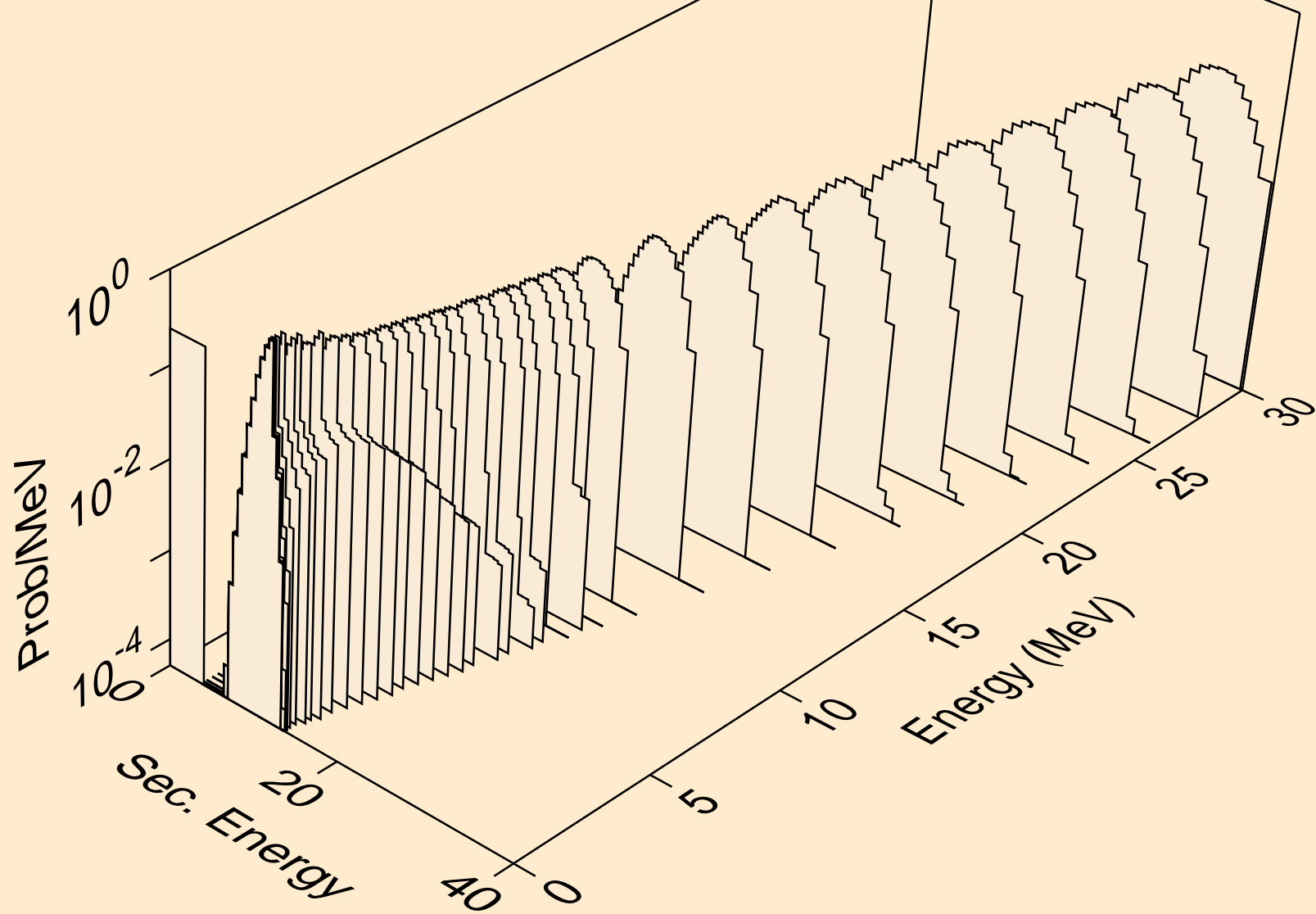
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



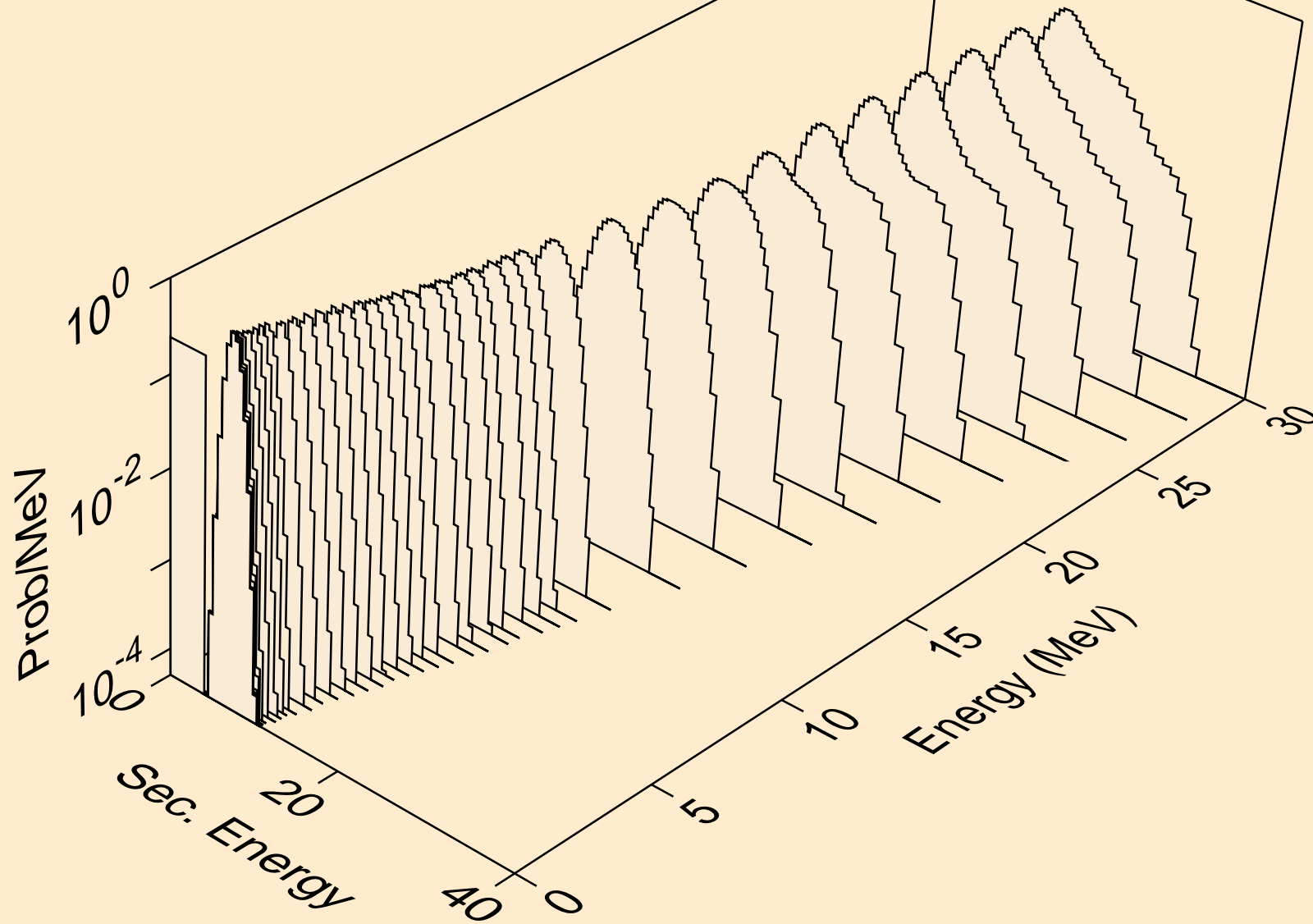
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



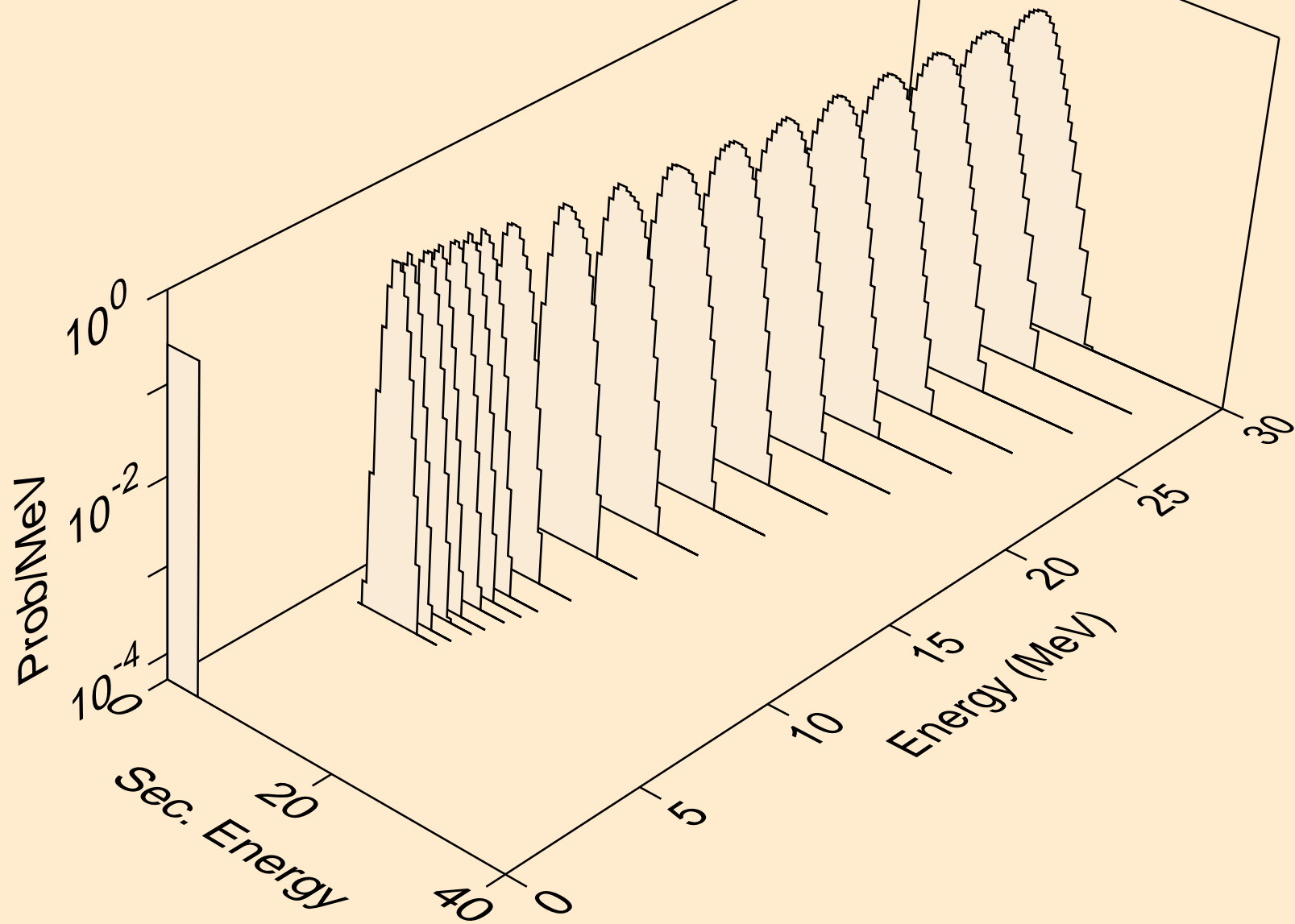
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



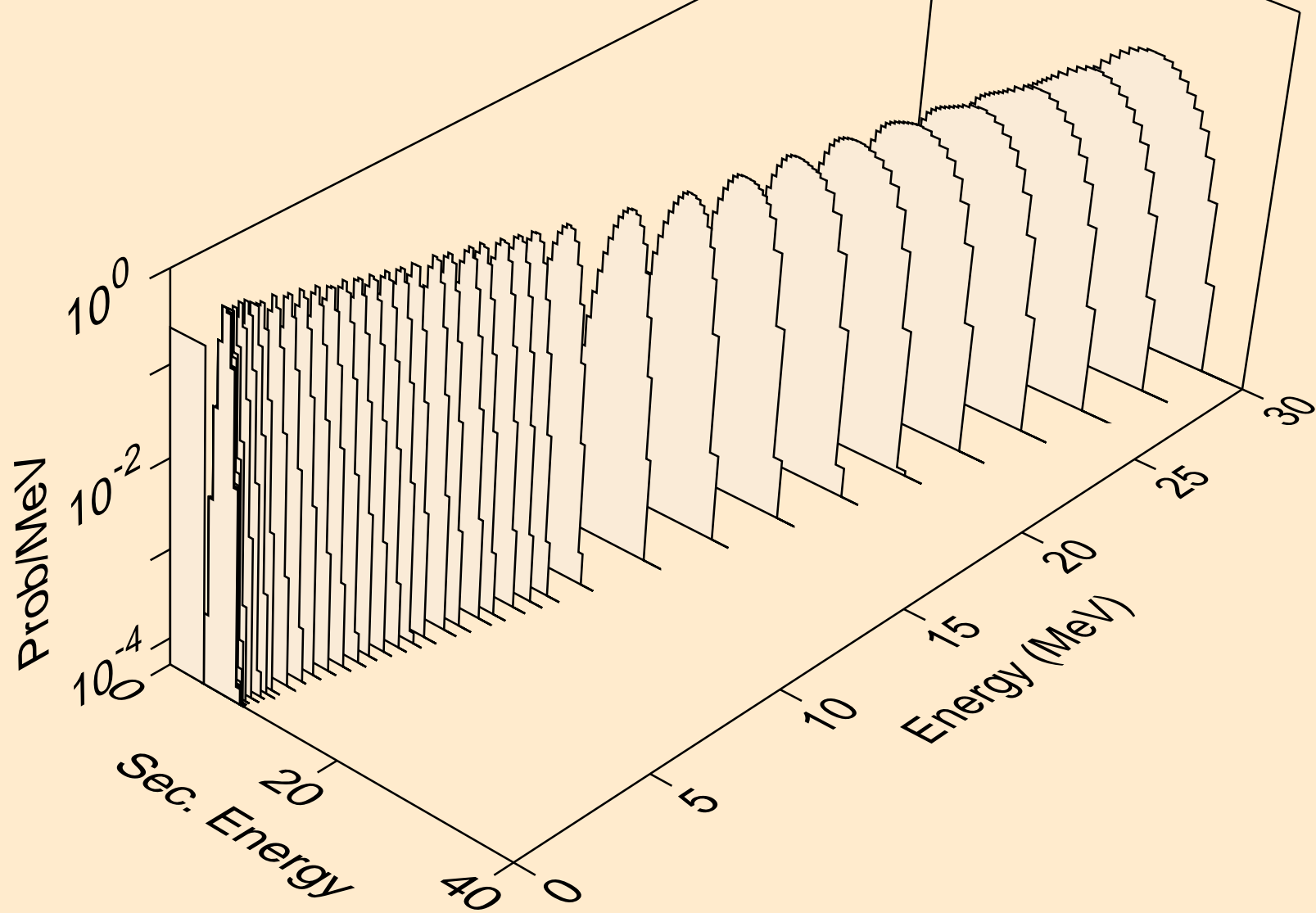
ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3a)



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



ND129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

