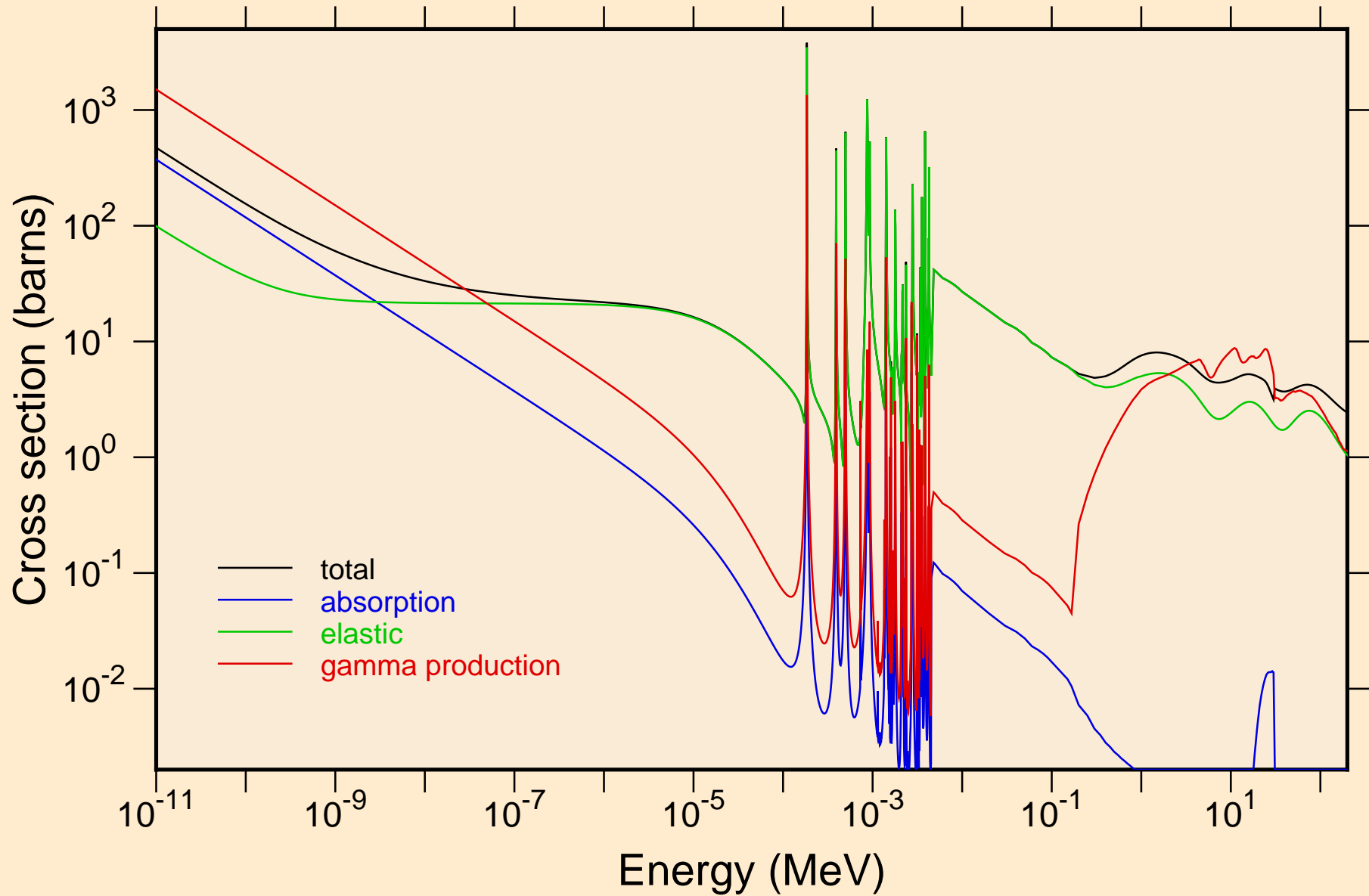
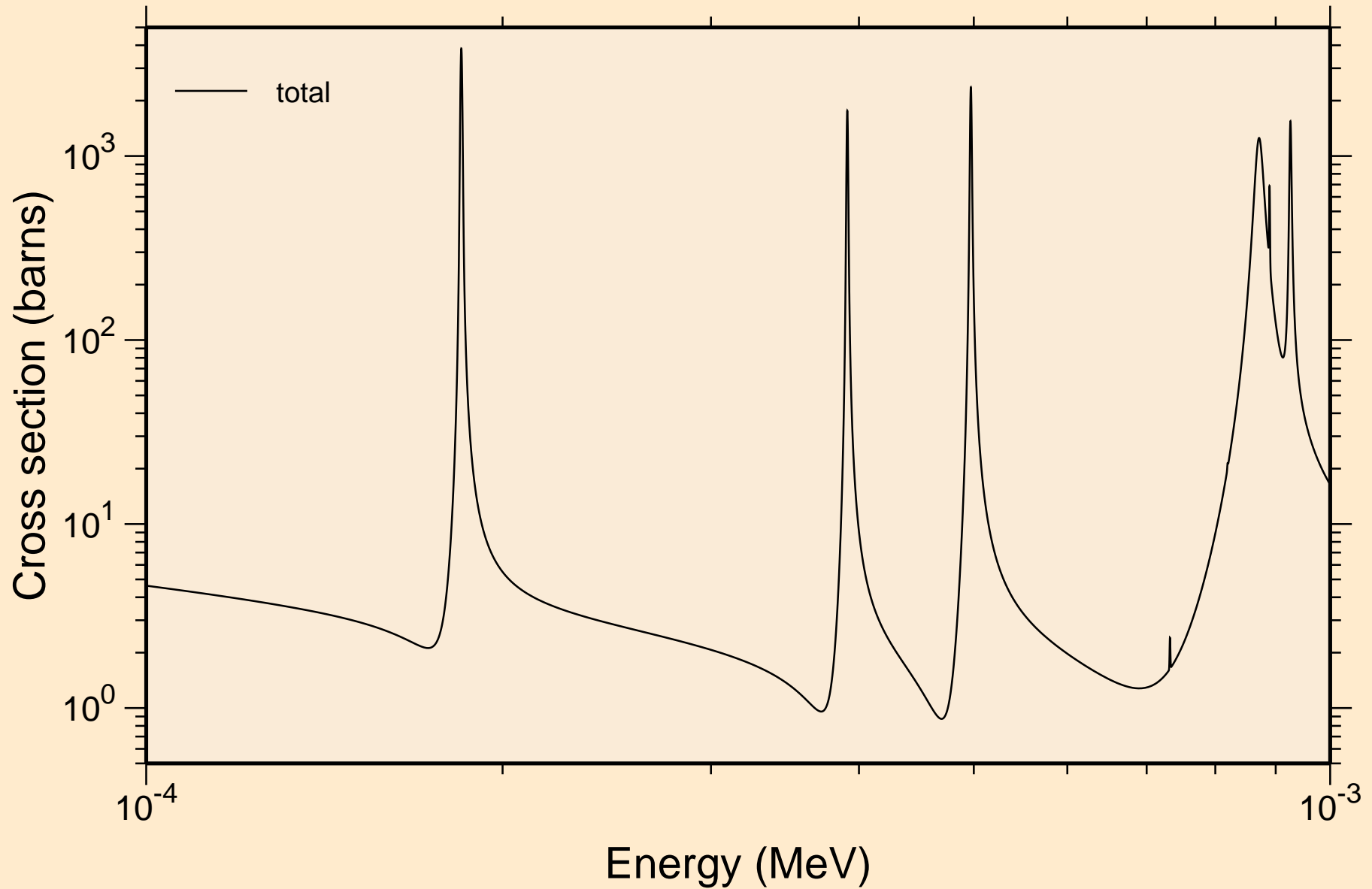


# ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

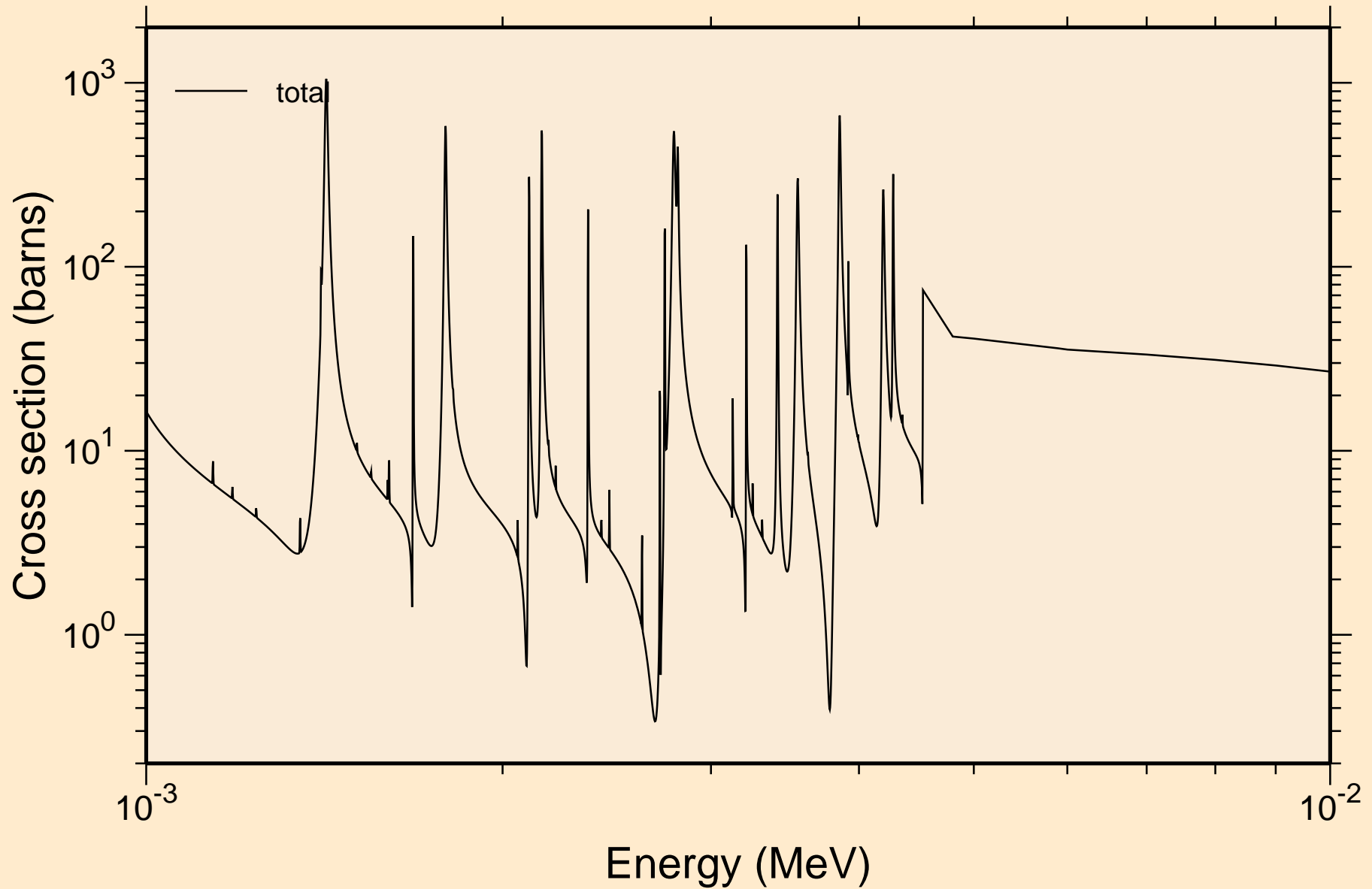
## Principal cross sections



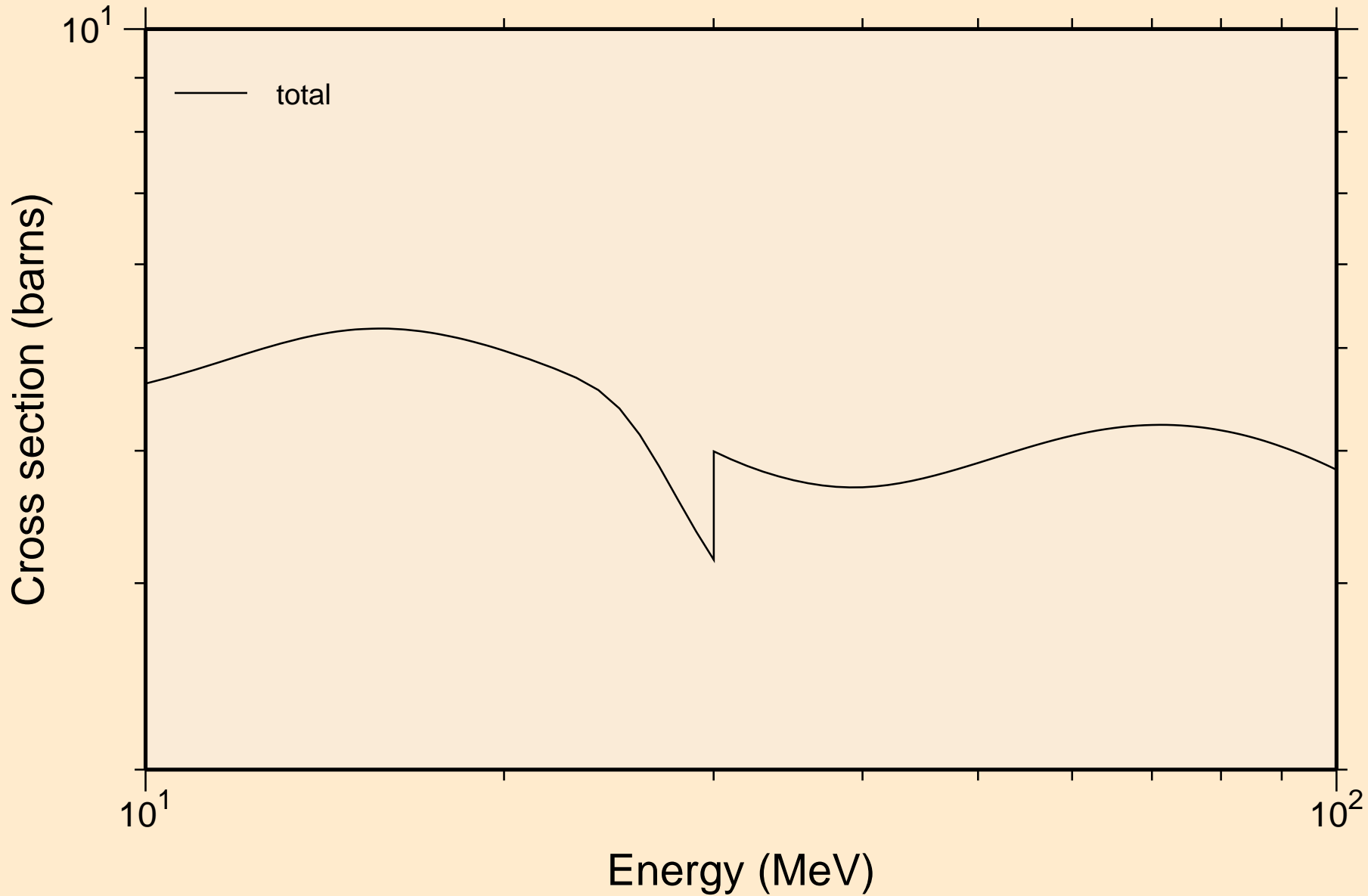
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



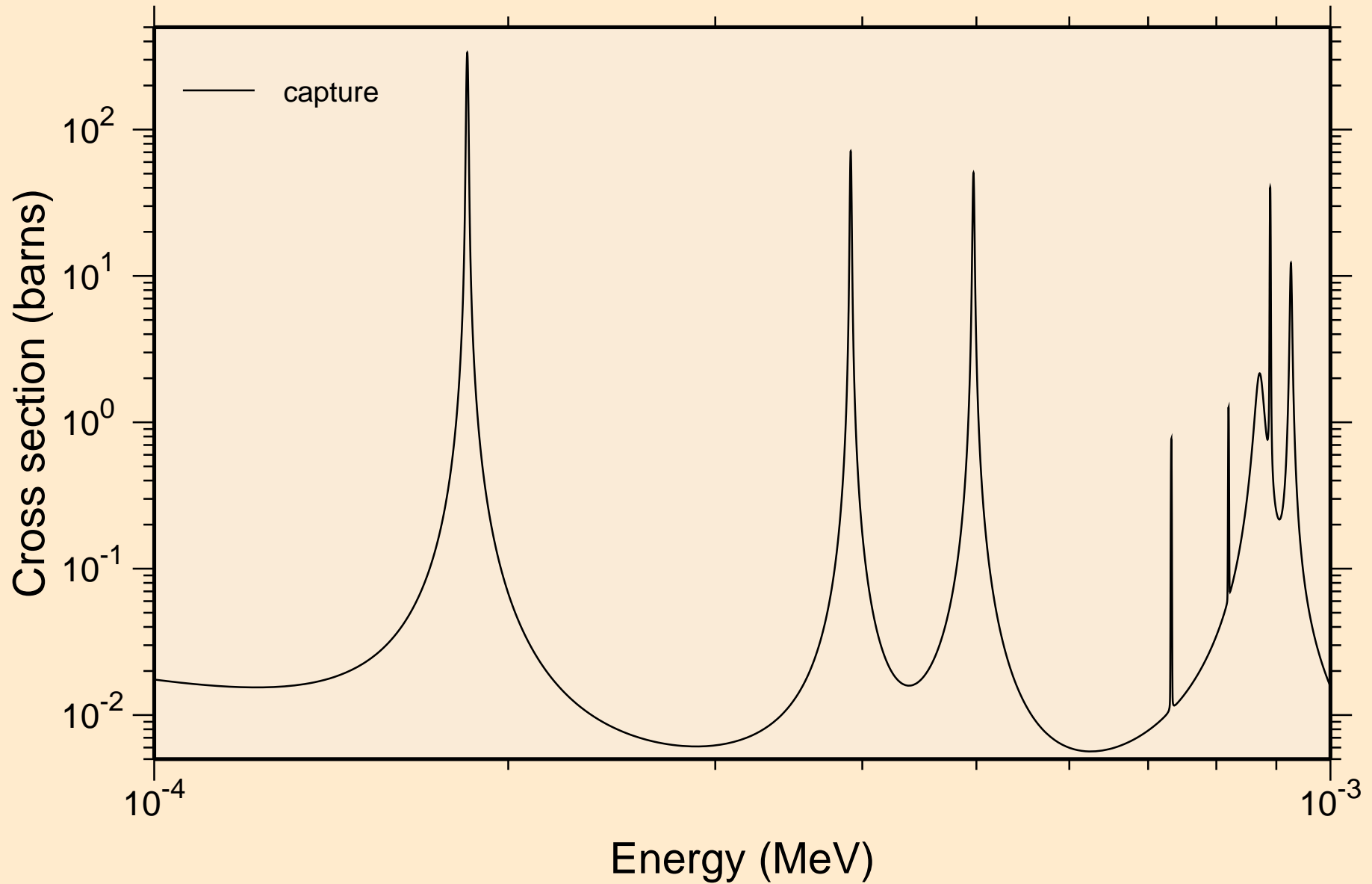
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



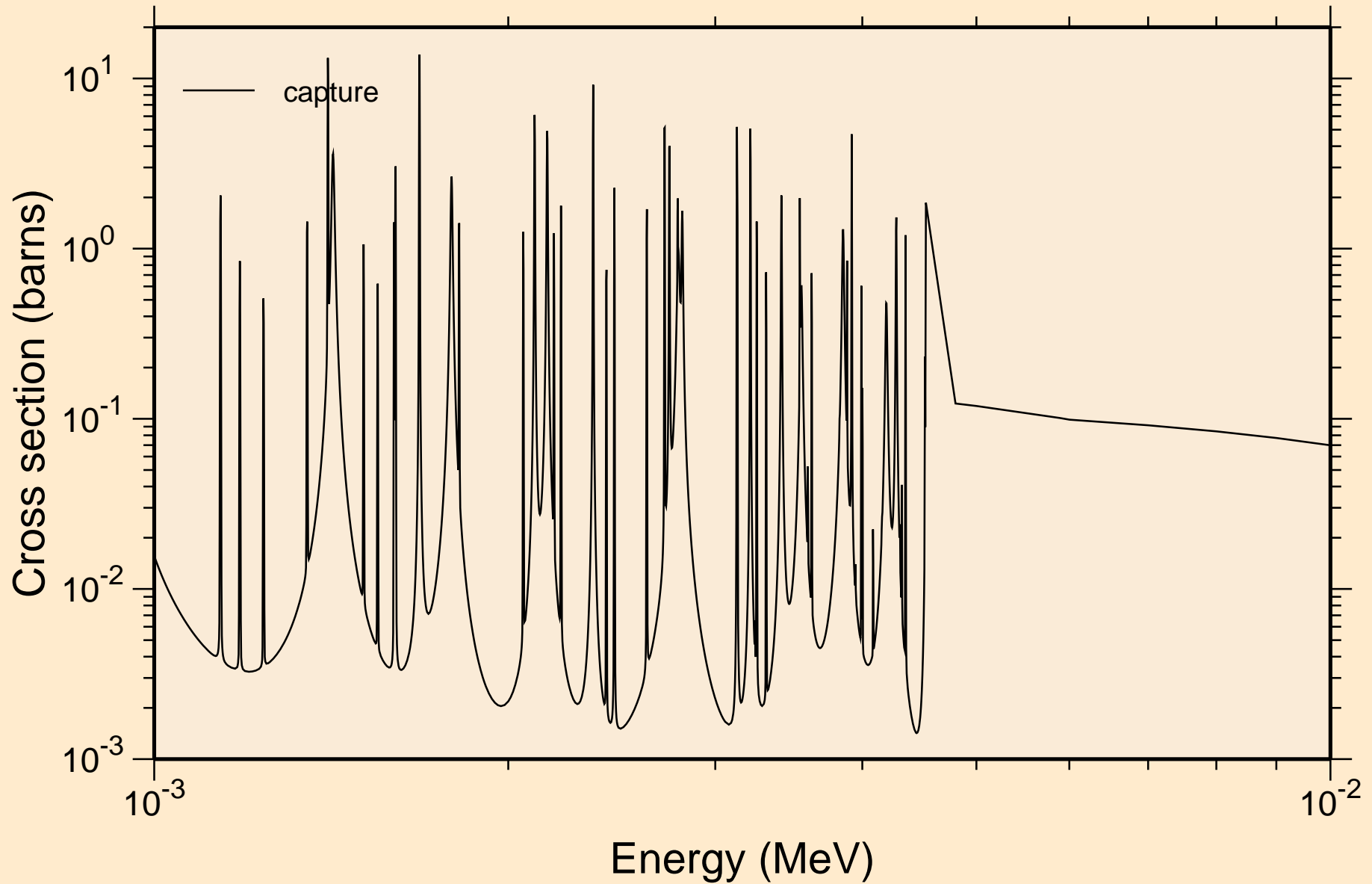
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



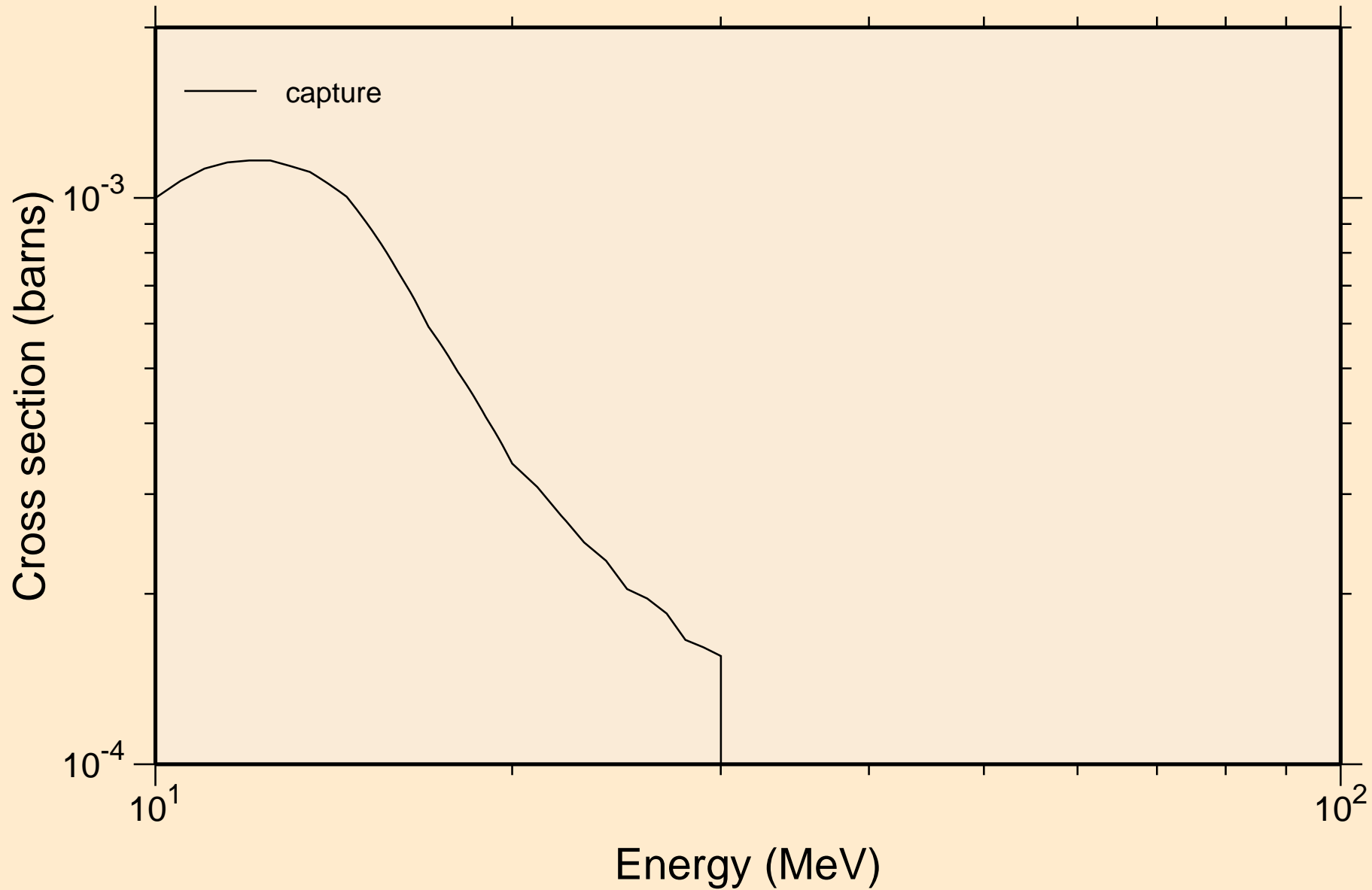
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



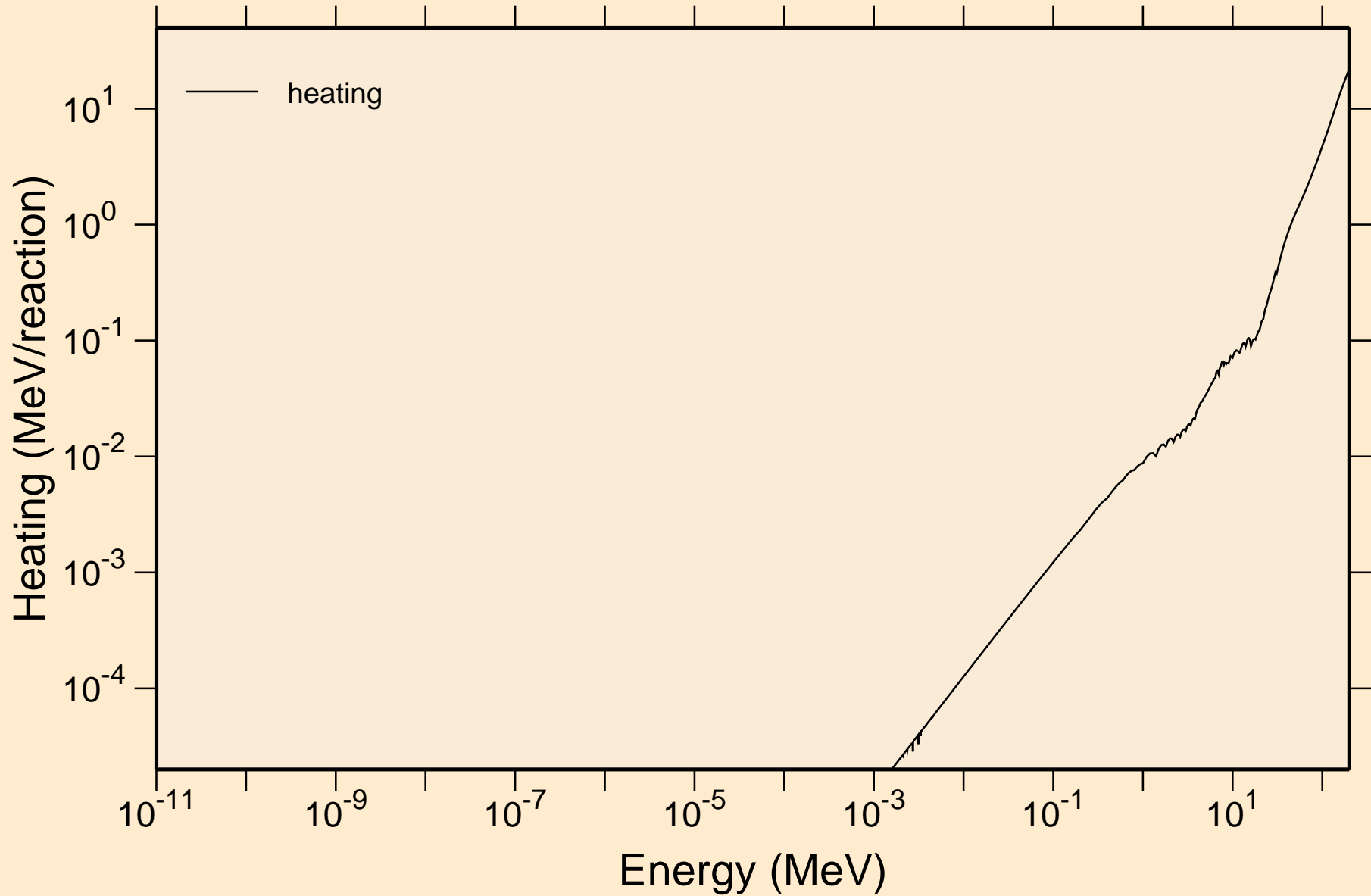
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



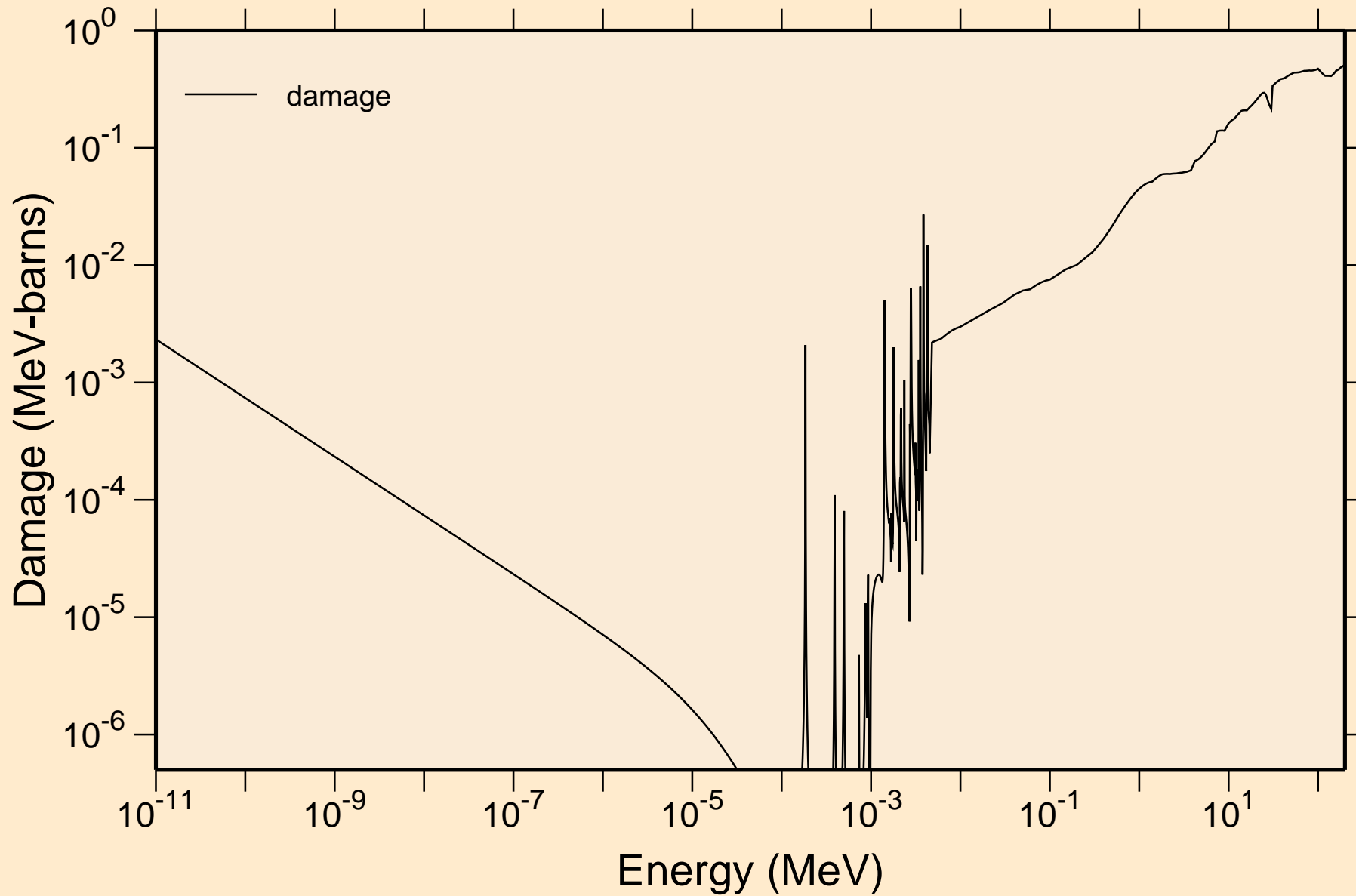
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



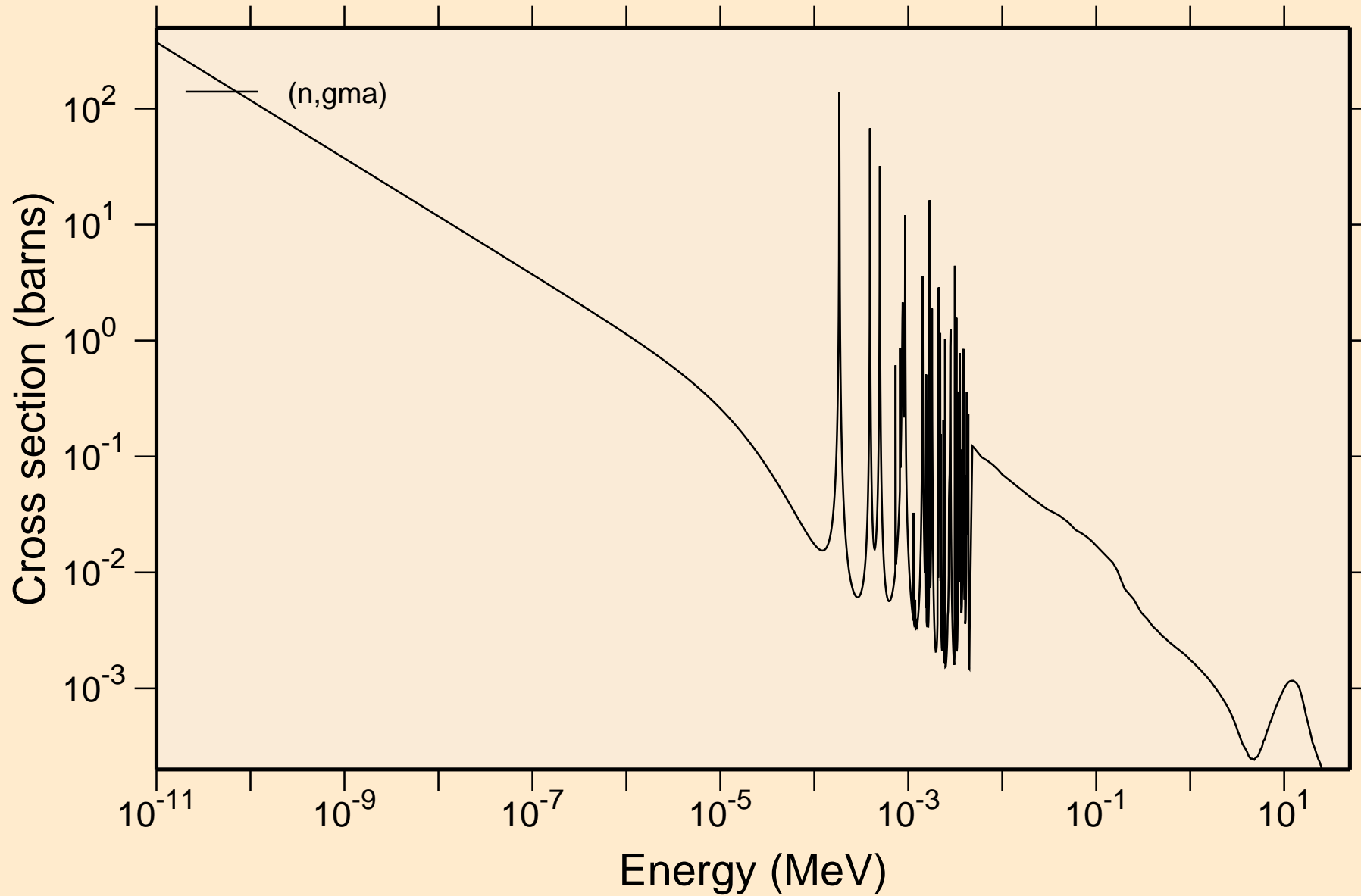


# ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage

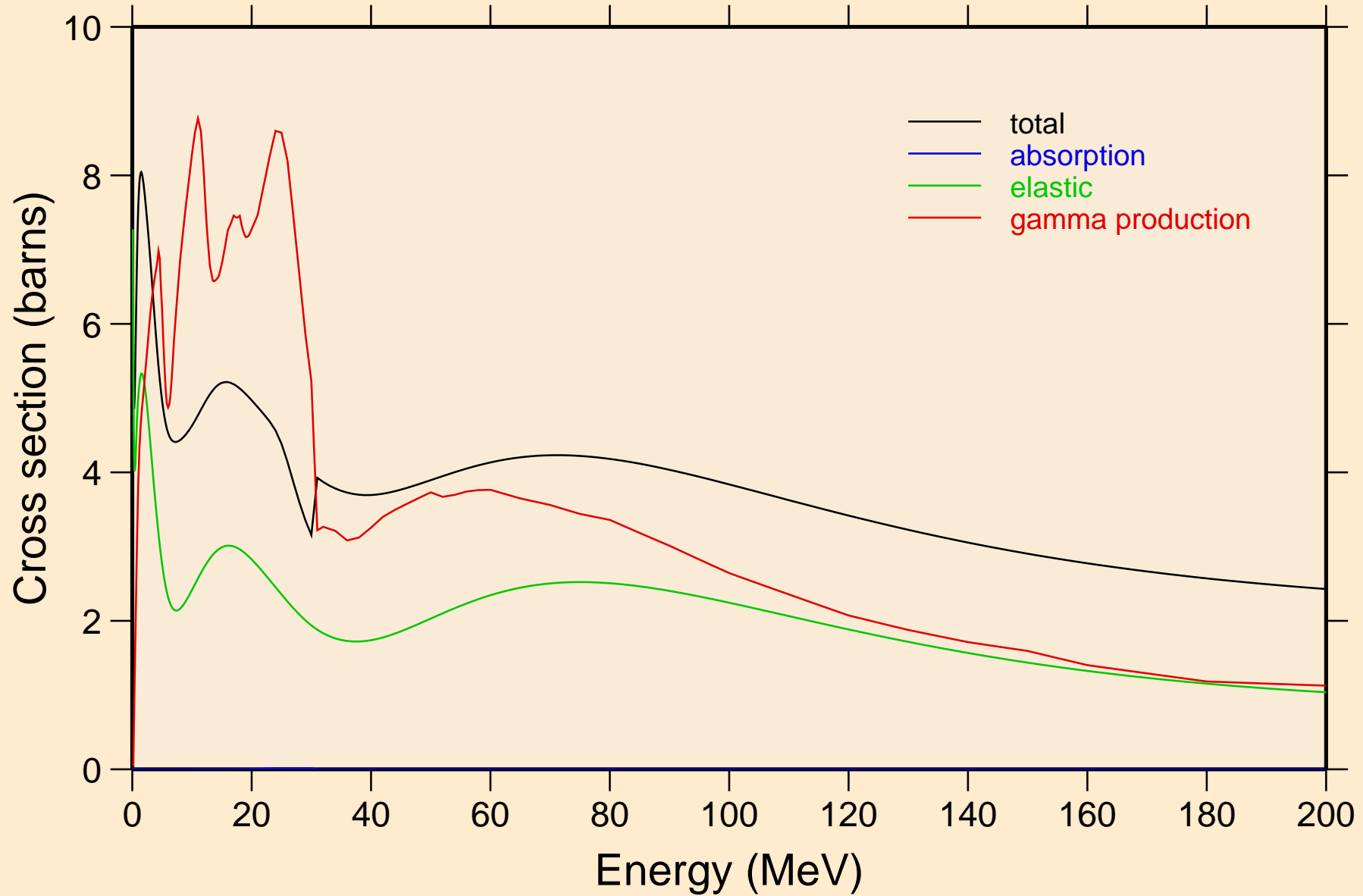


ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

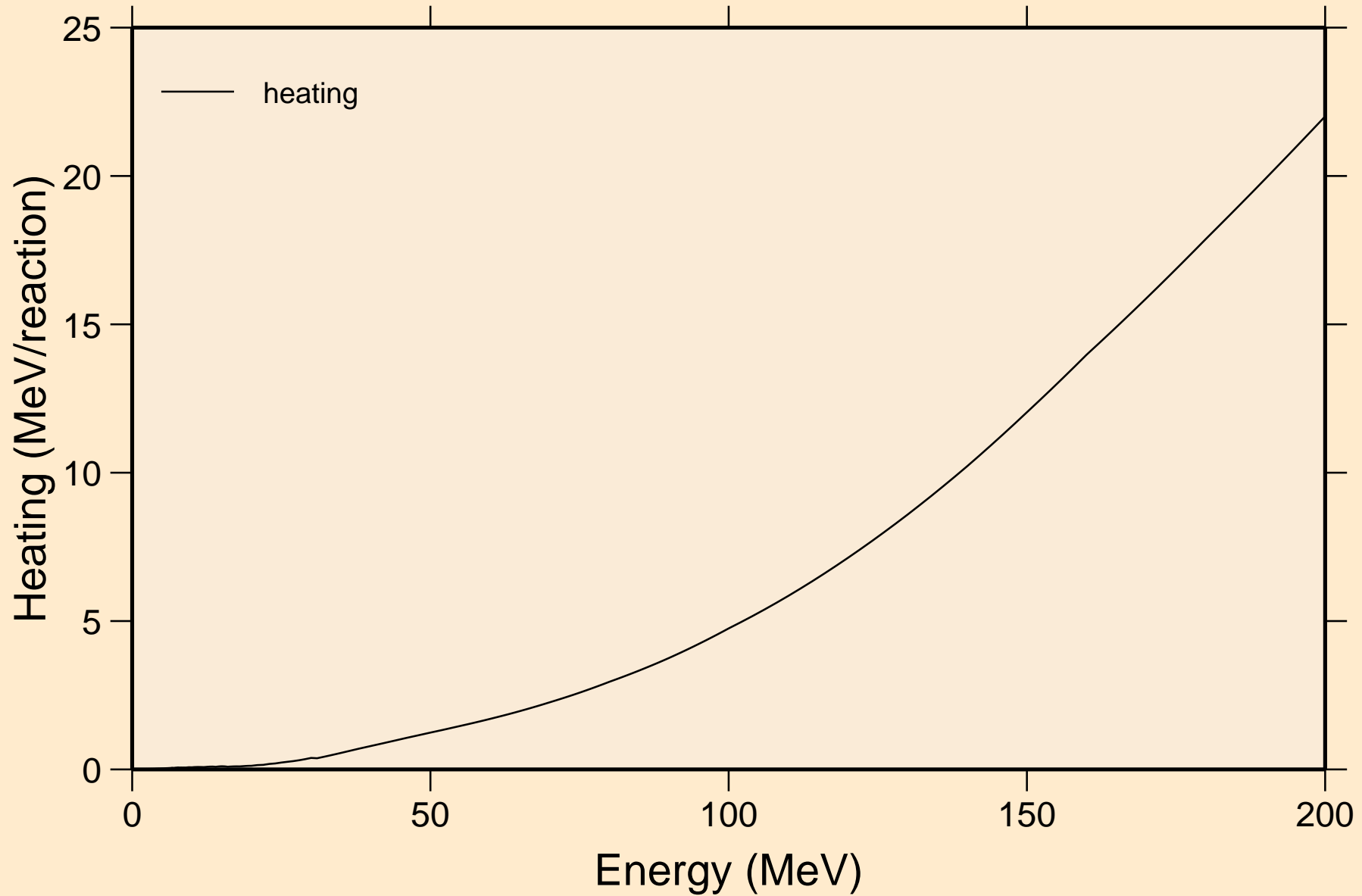


# ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

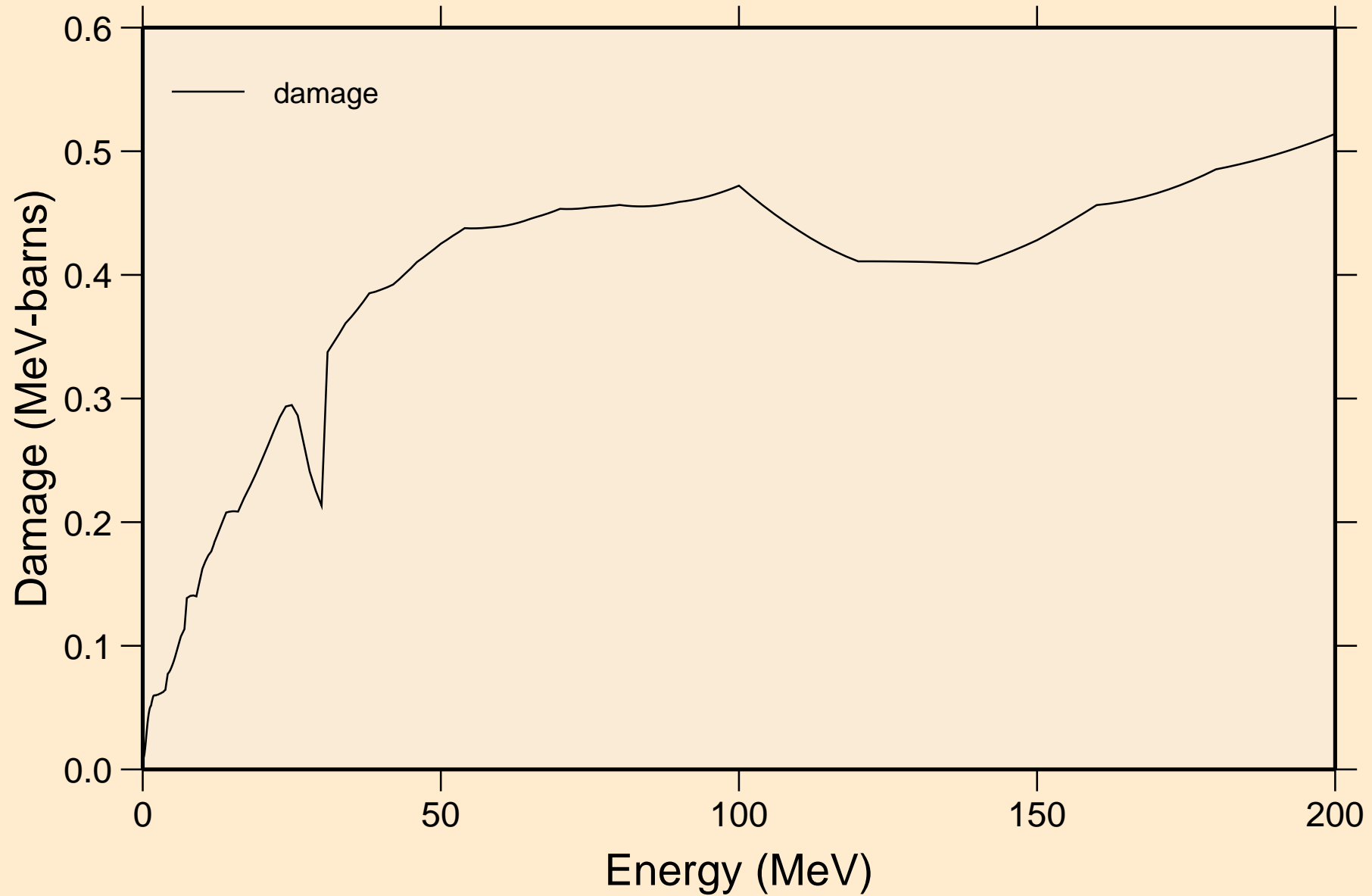
## Principal cross sections



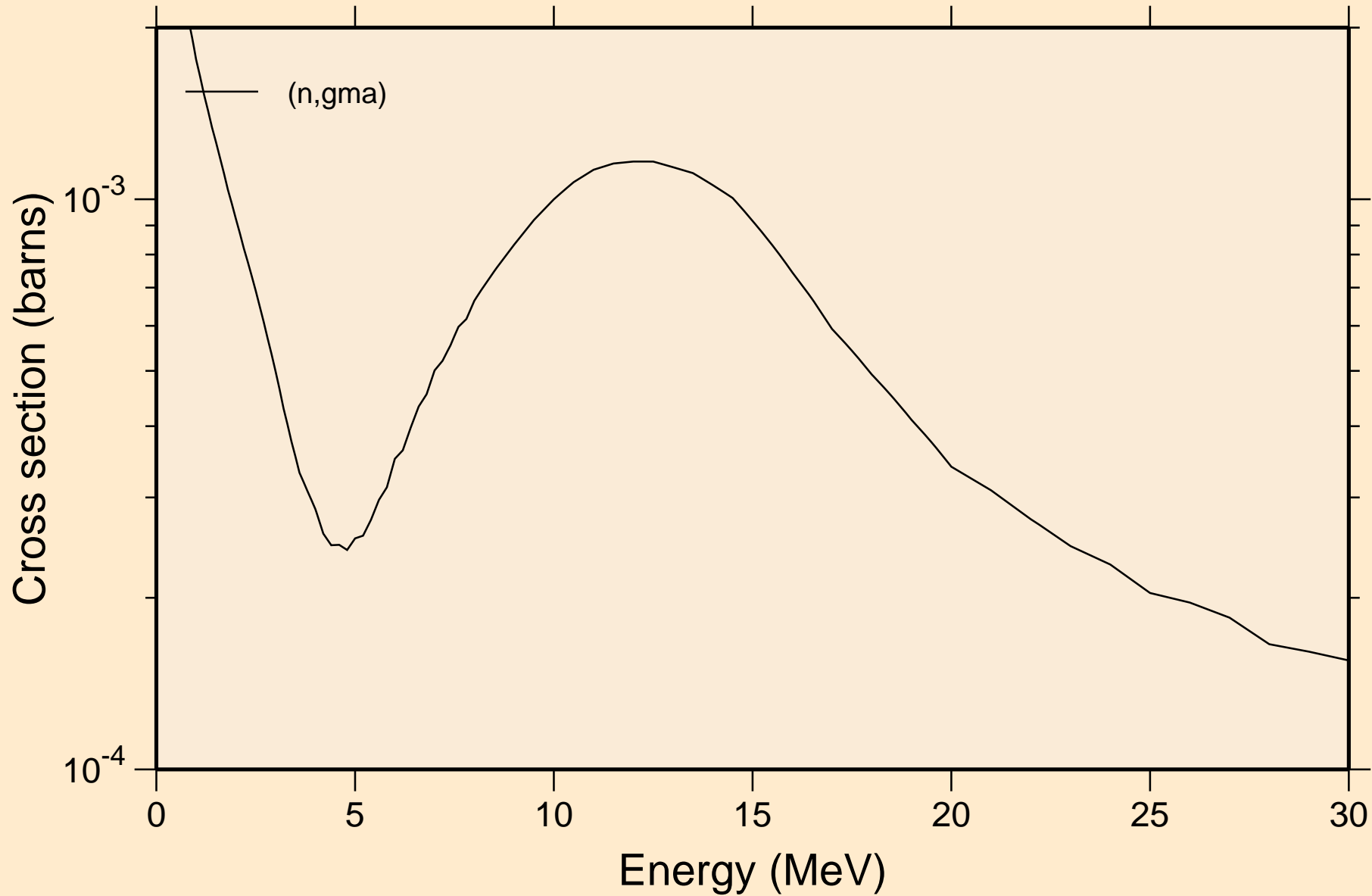
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



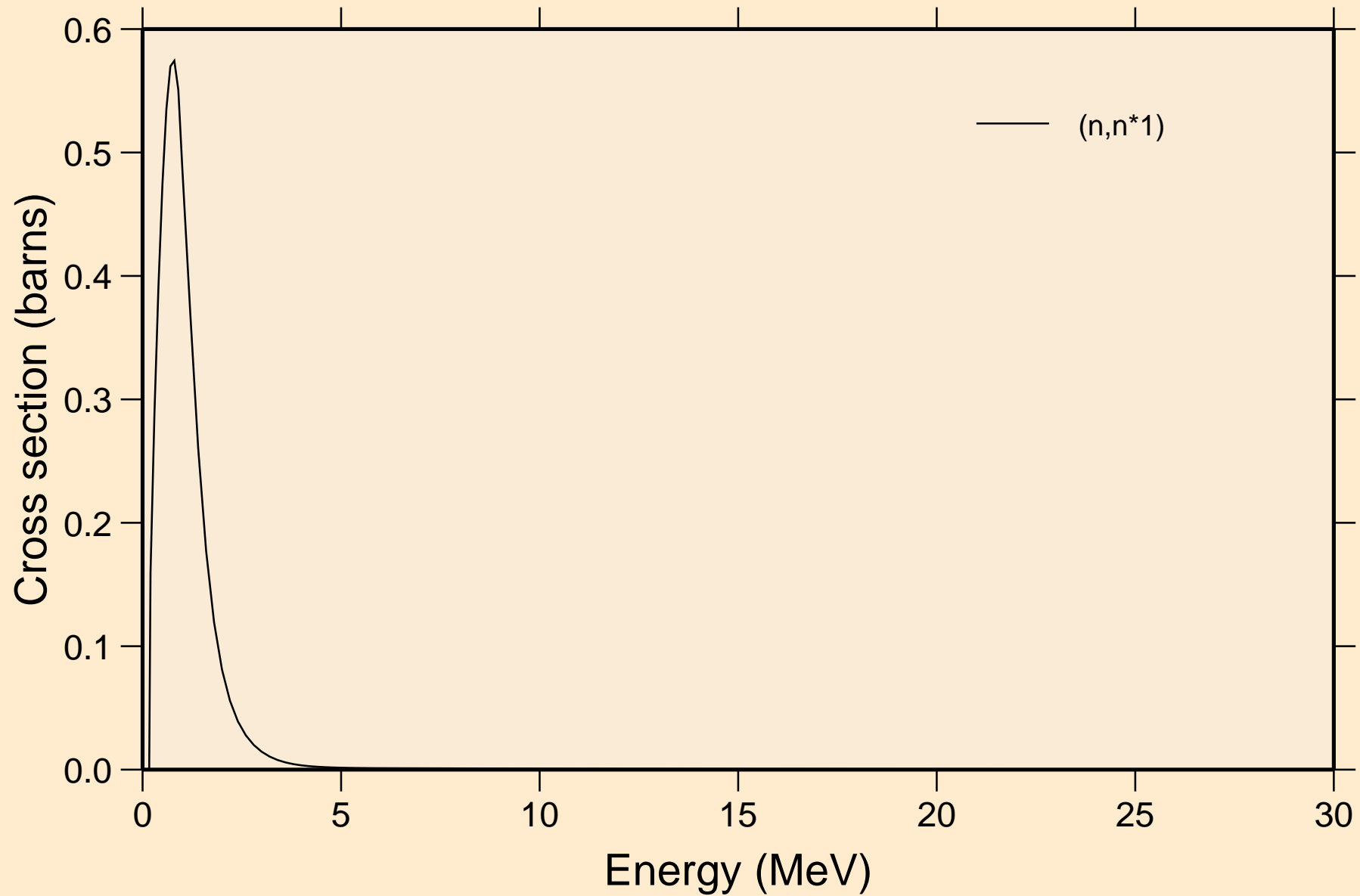
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



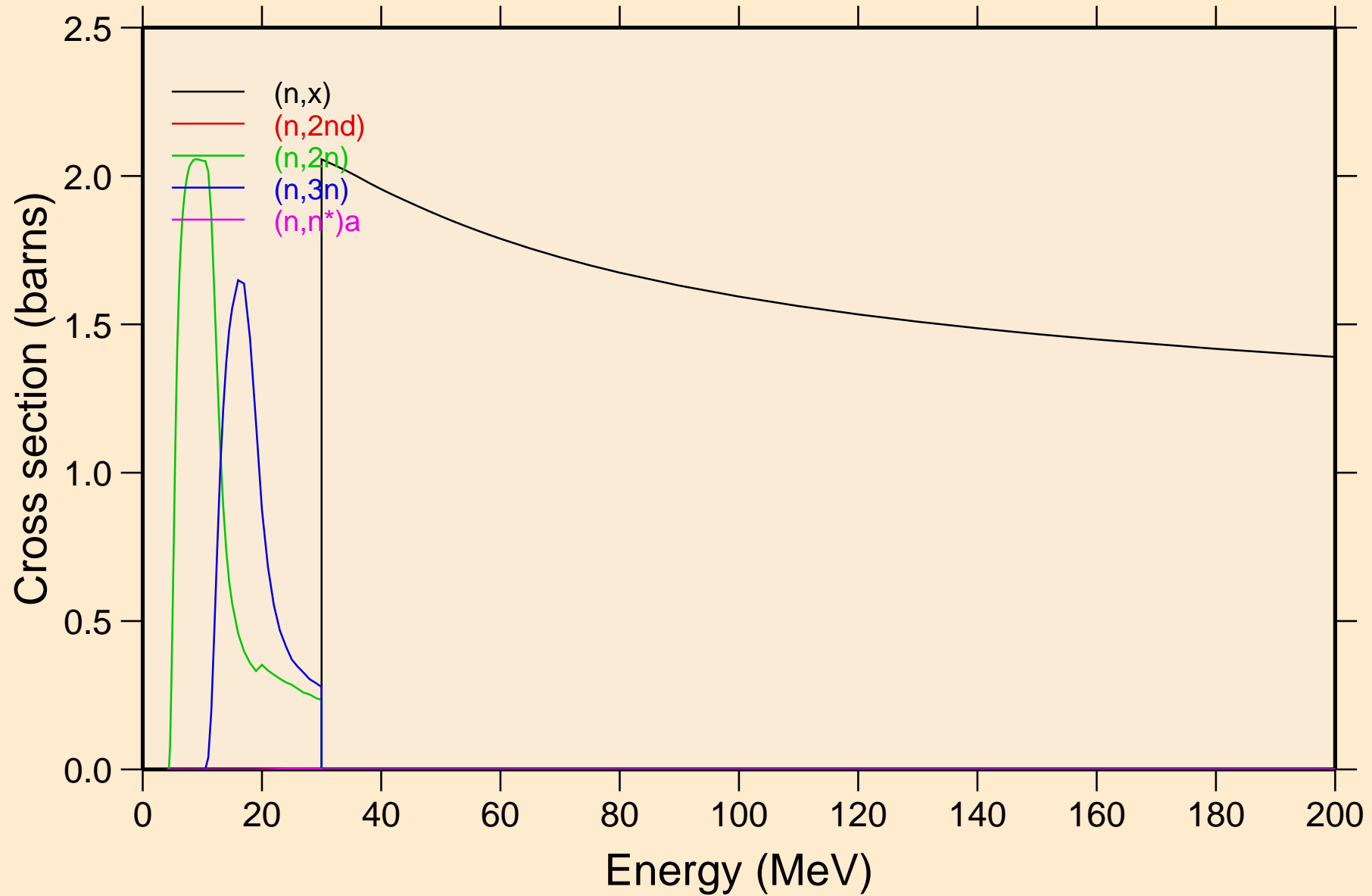
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

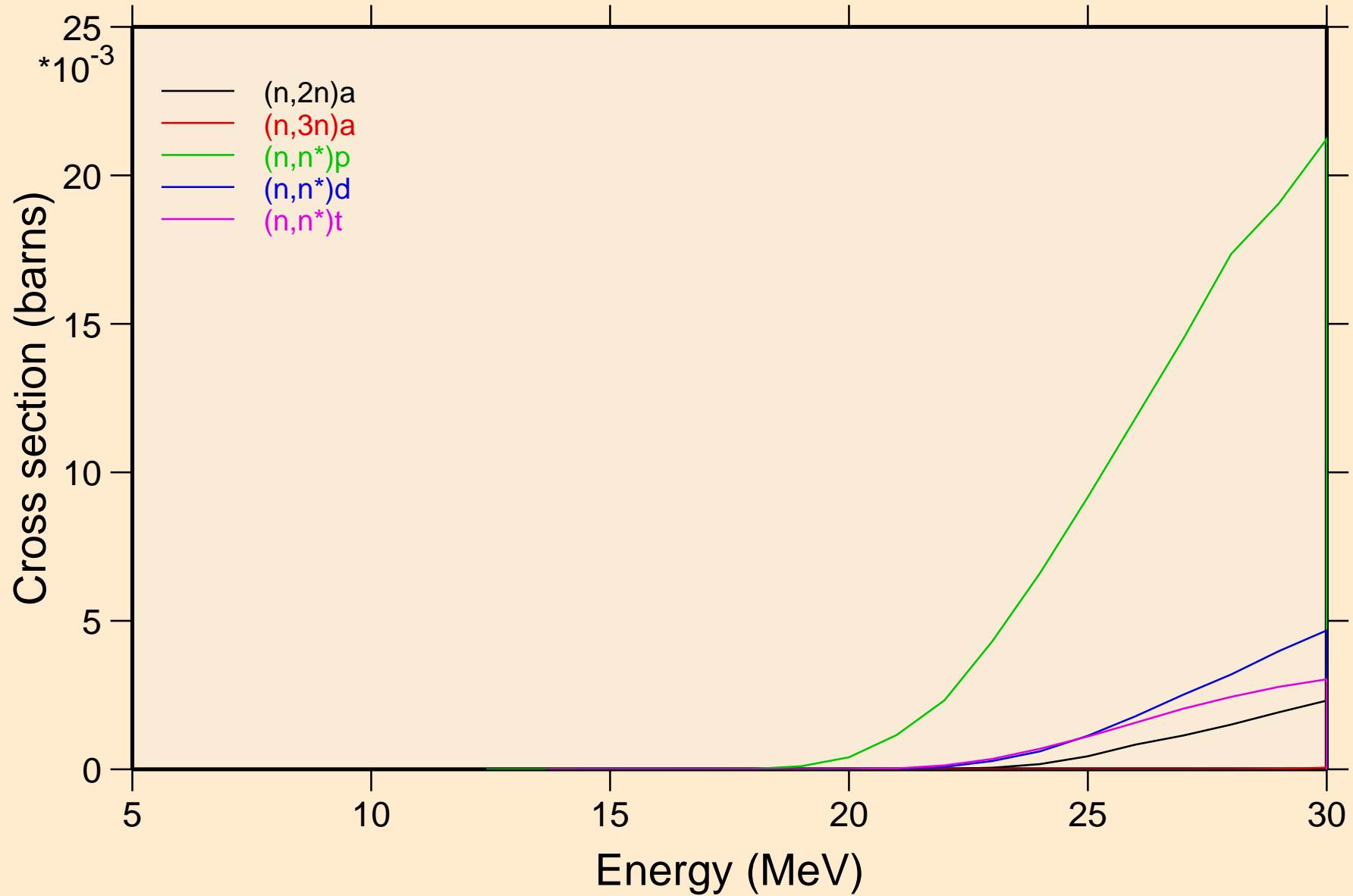


ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

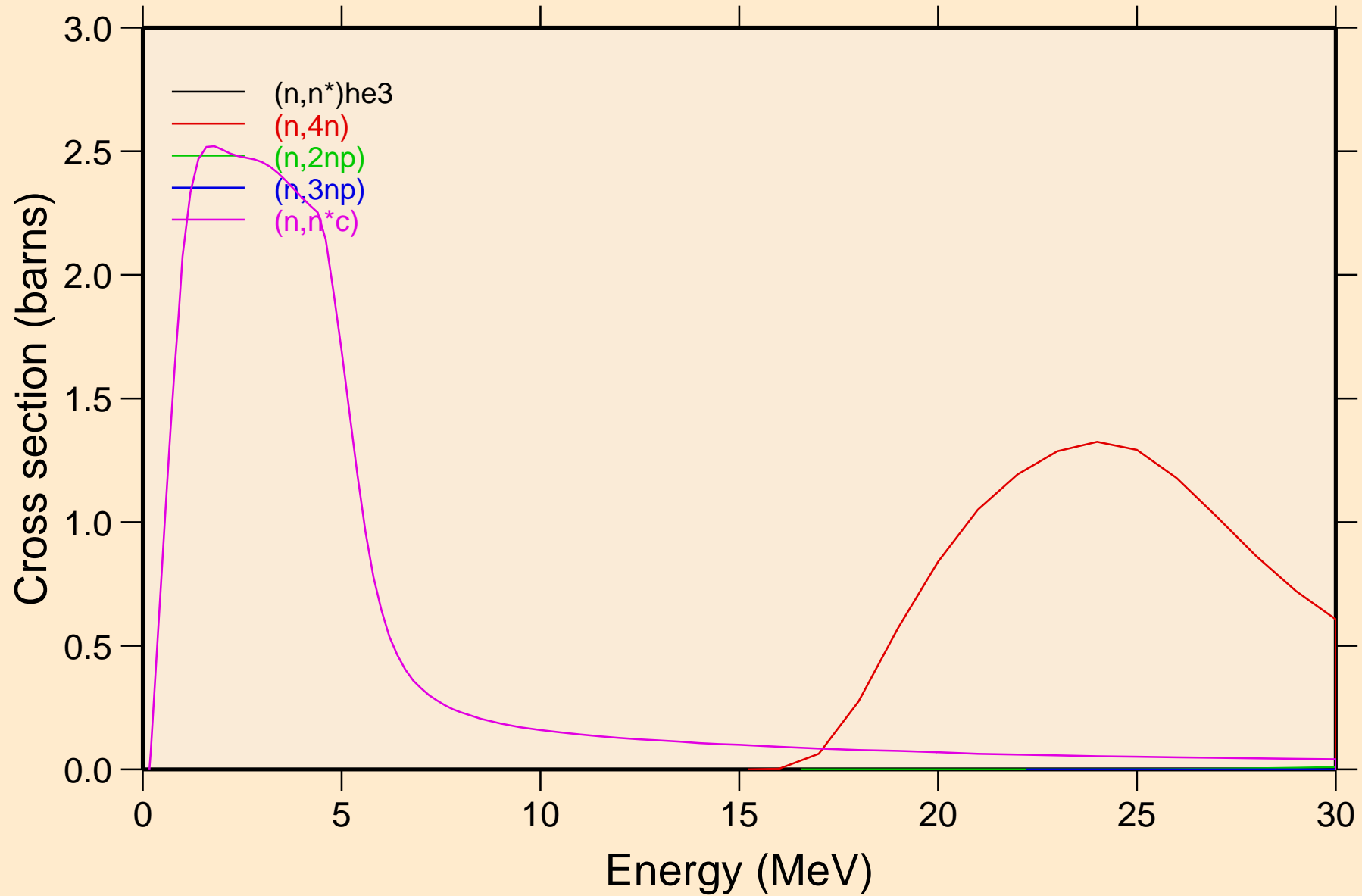




ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

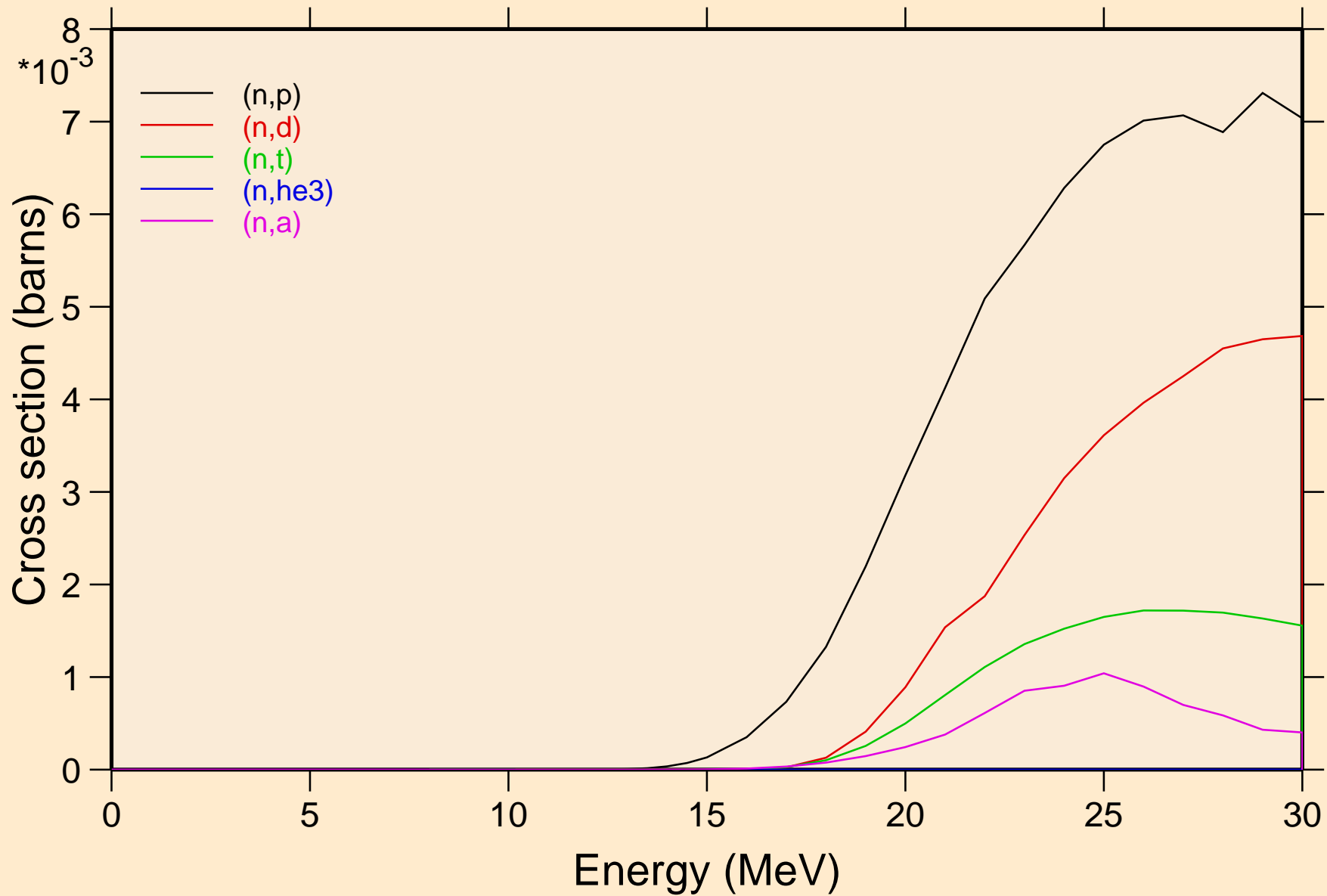


ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



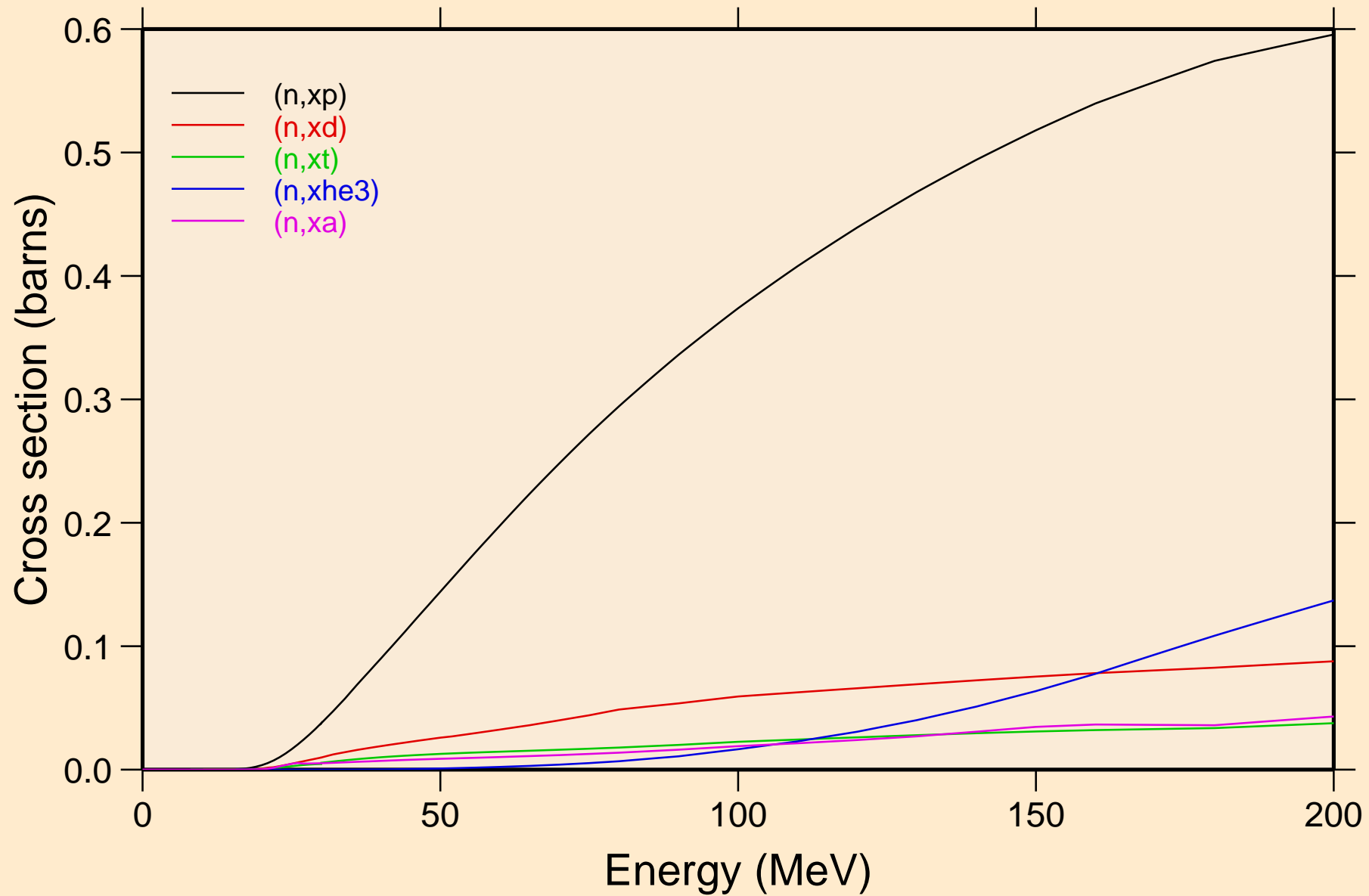
# ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

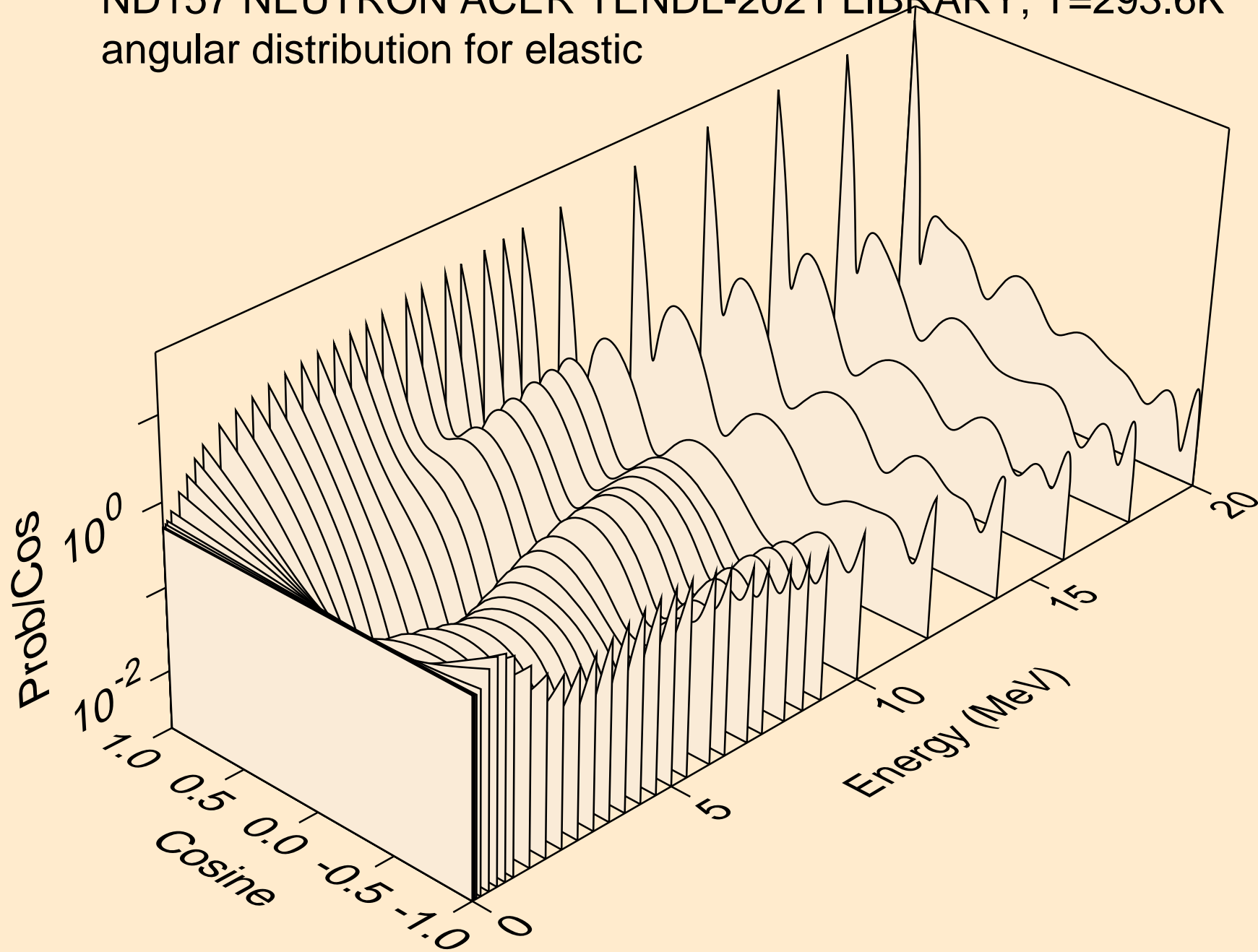


# ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

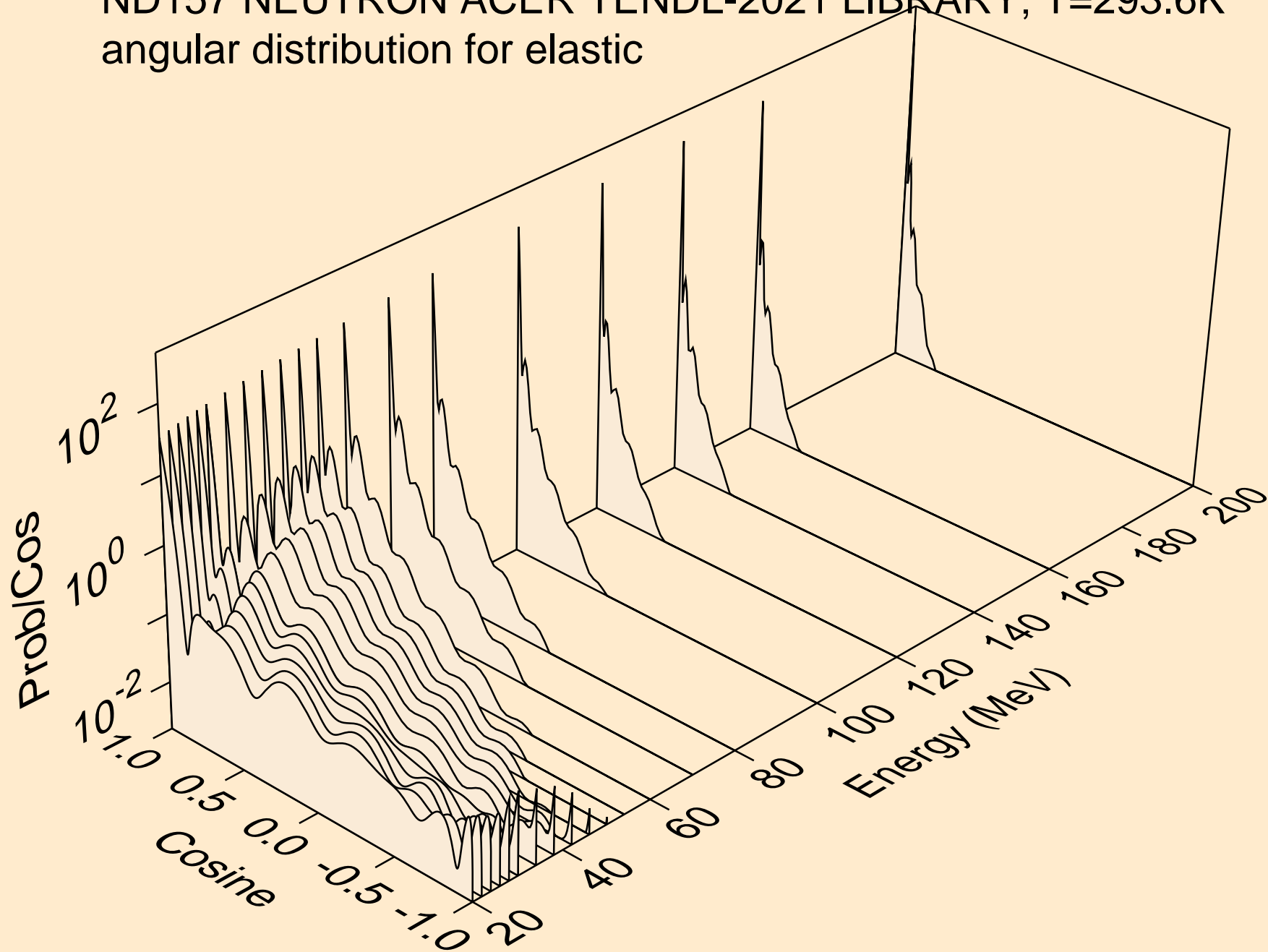
## Threshold reactions



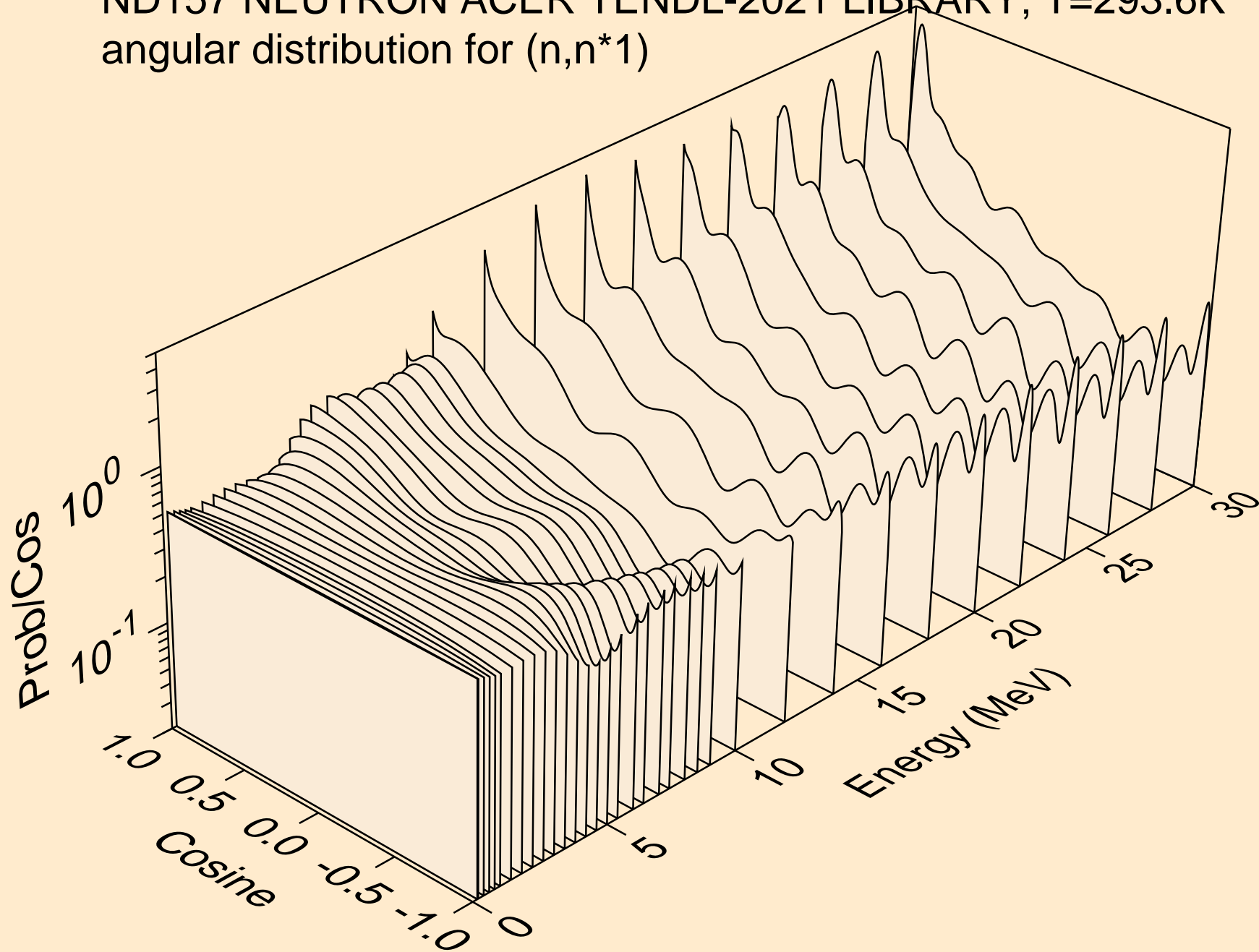
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



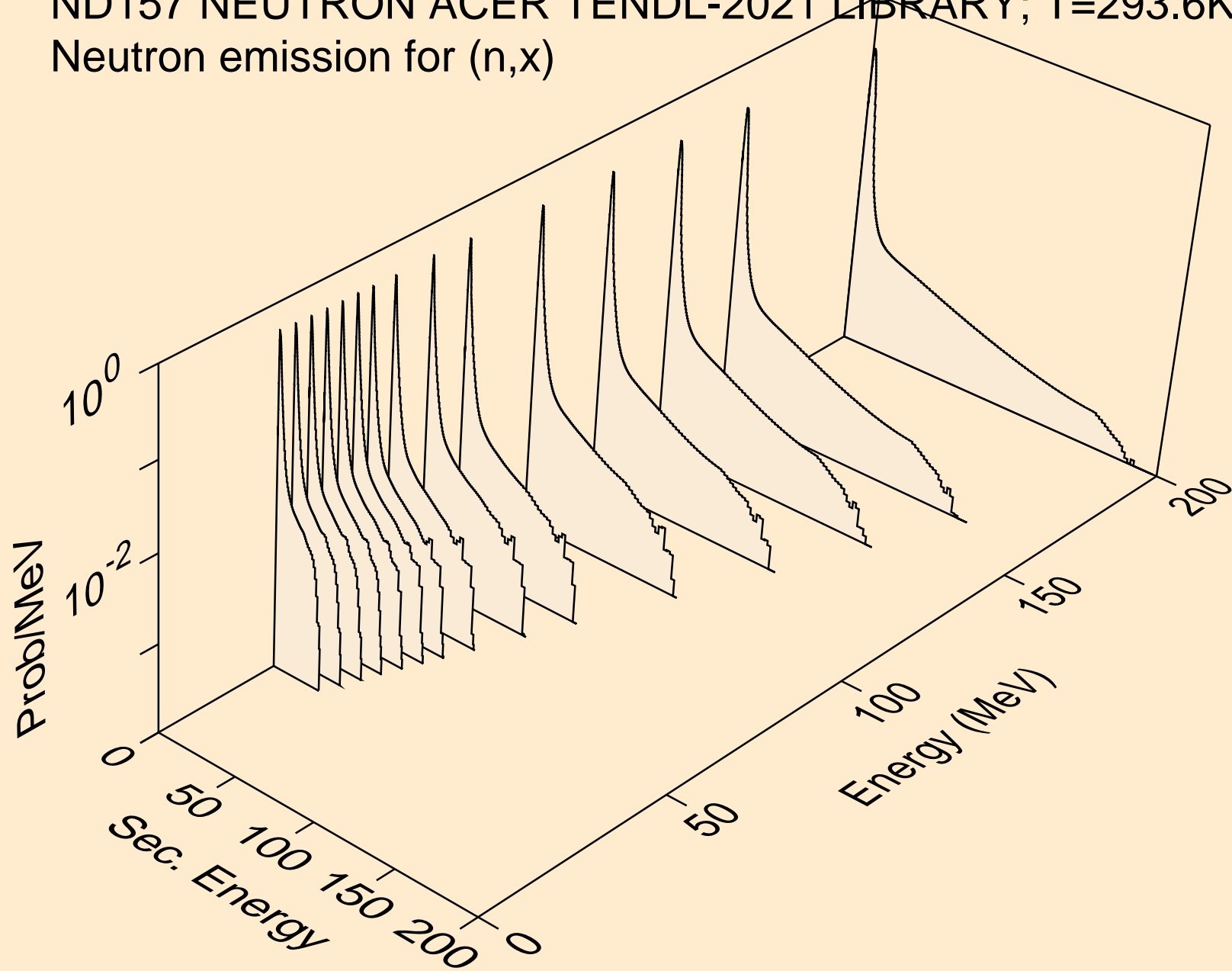
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

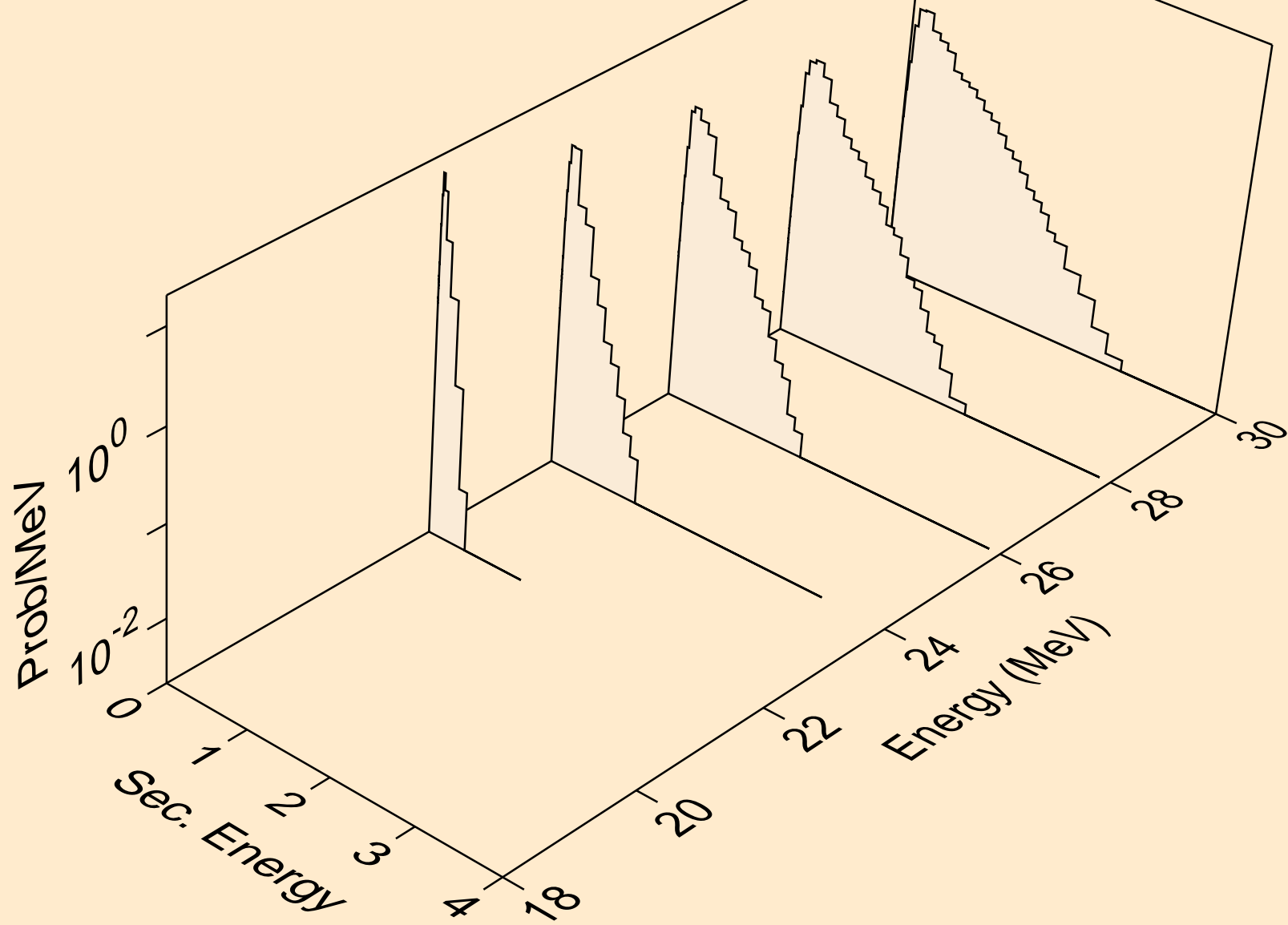


ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

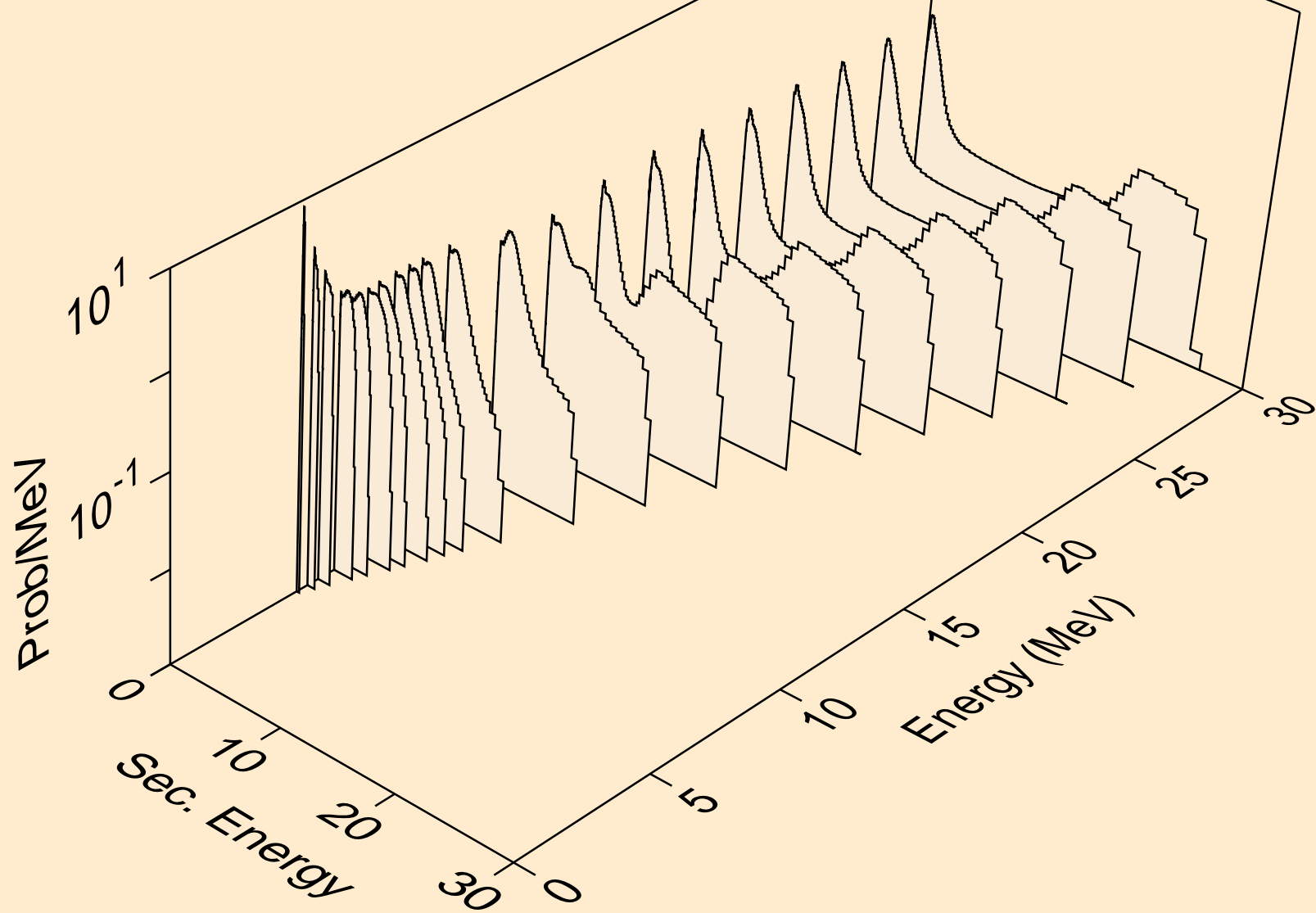




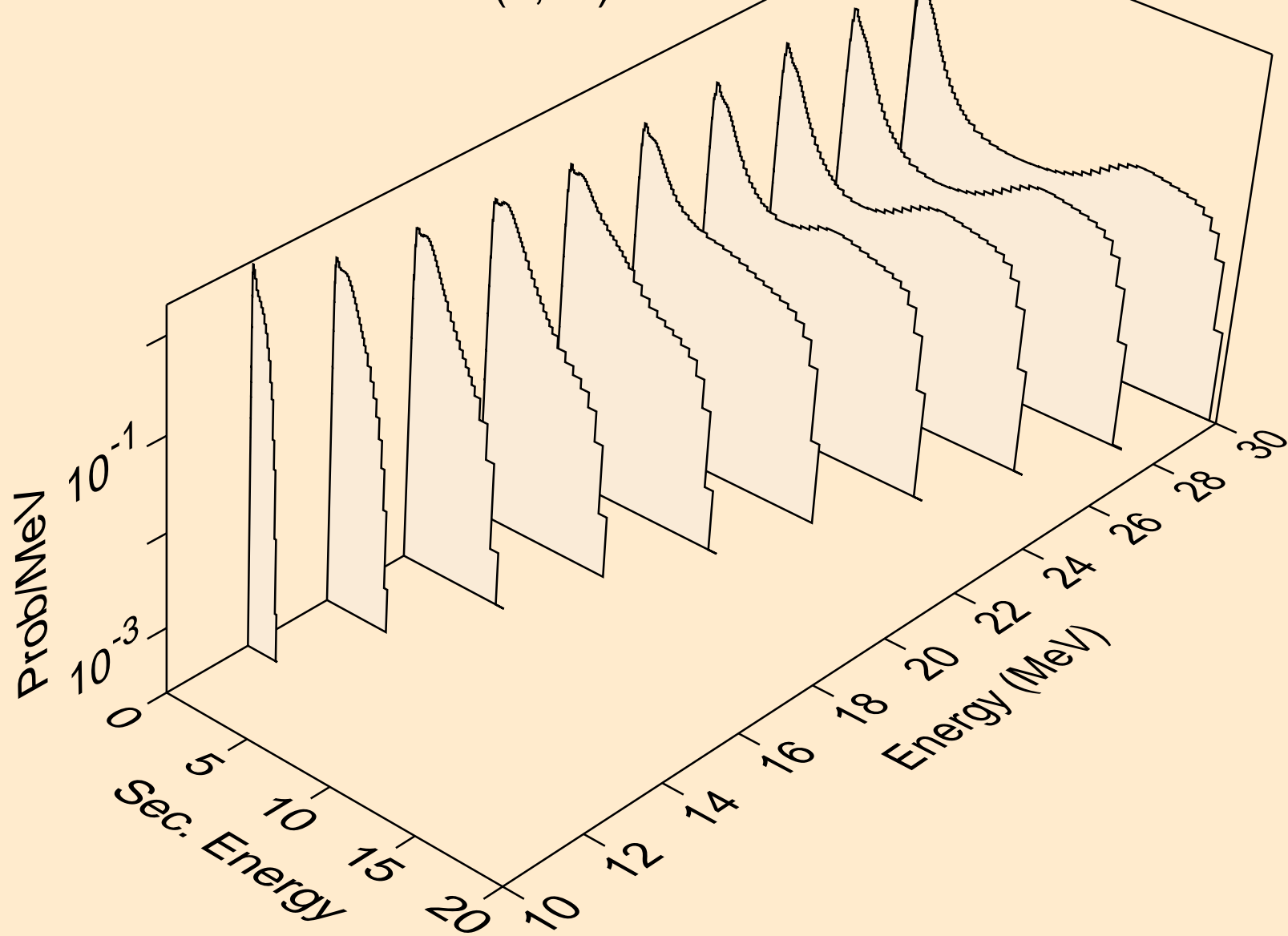
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



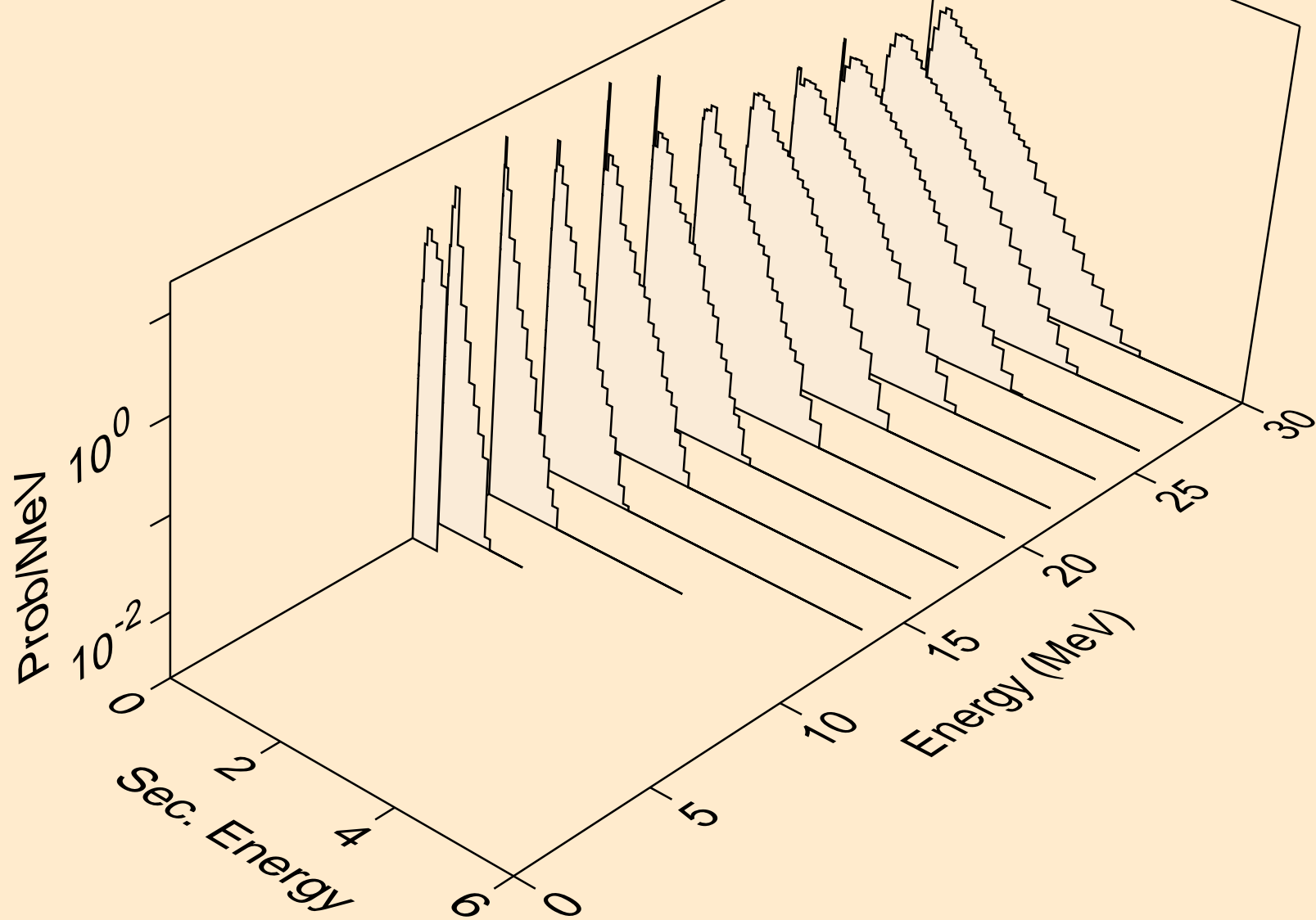
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



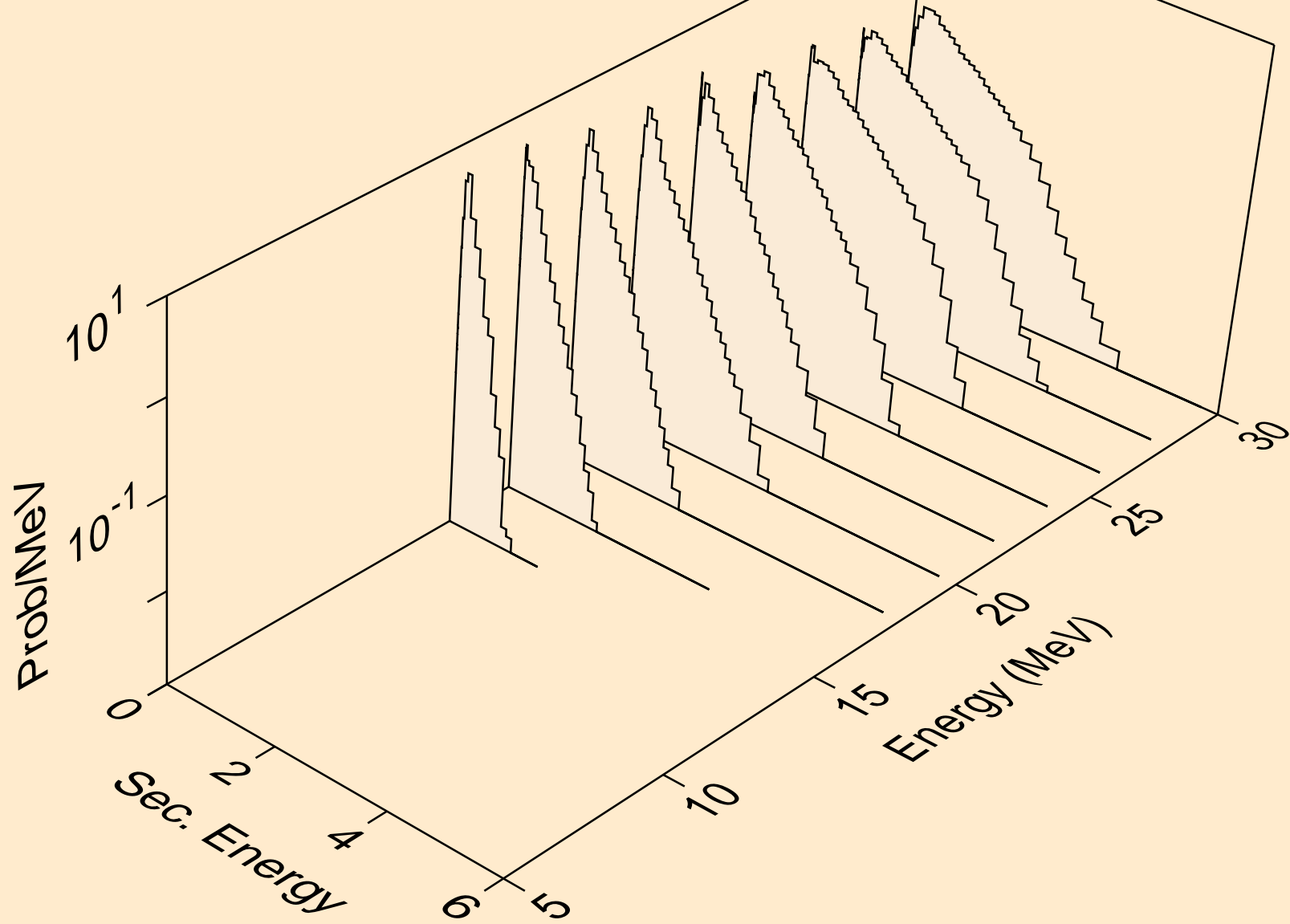
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



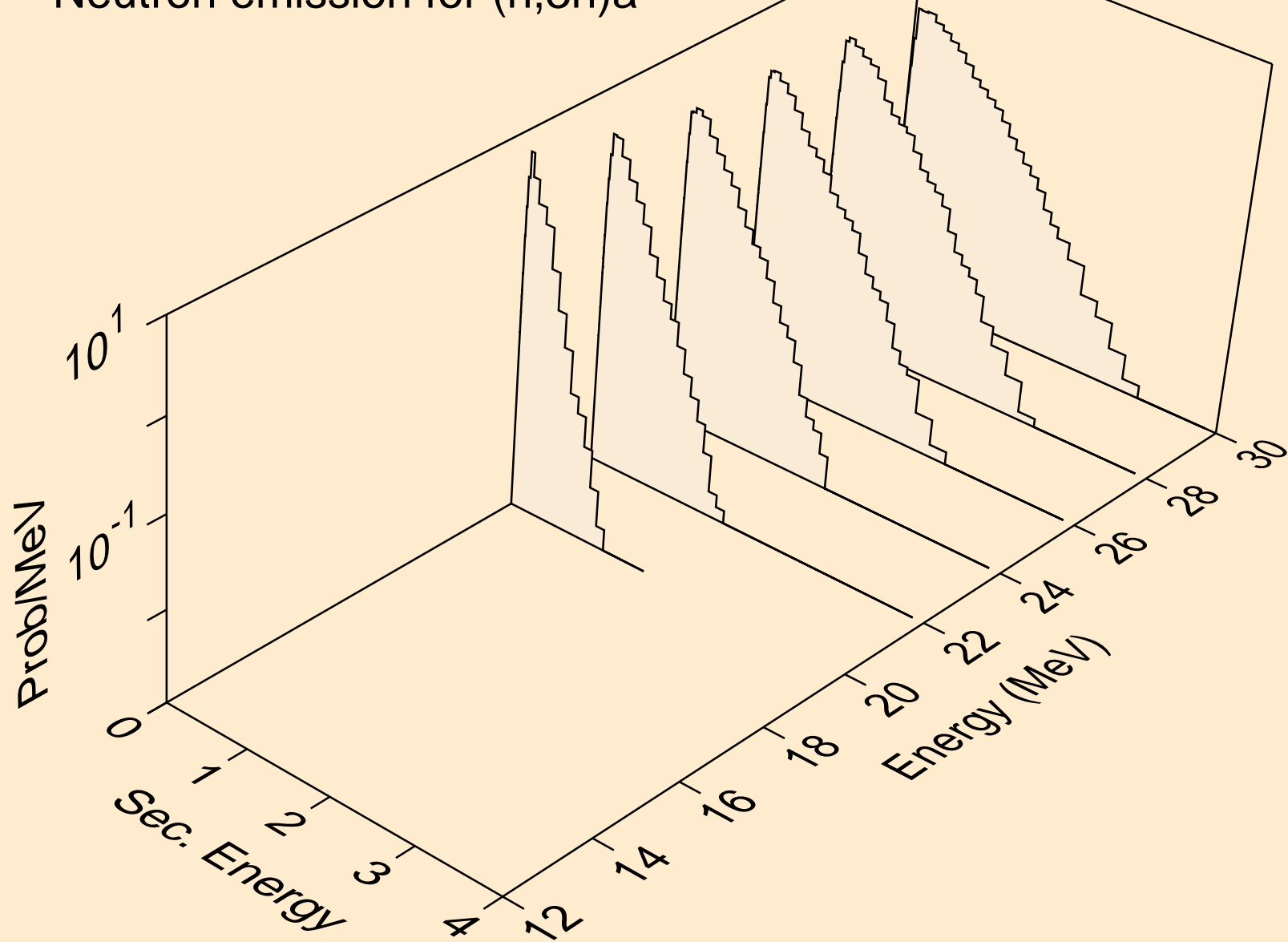
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



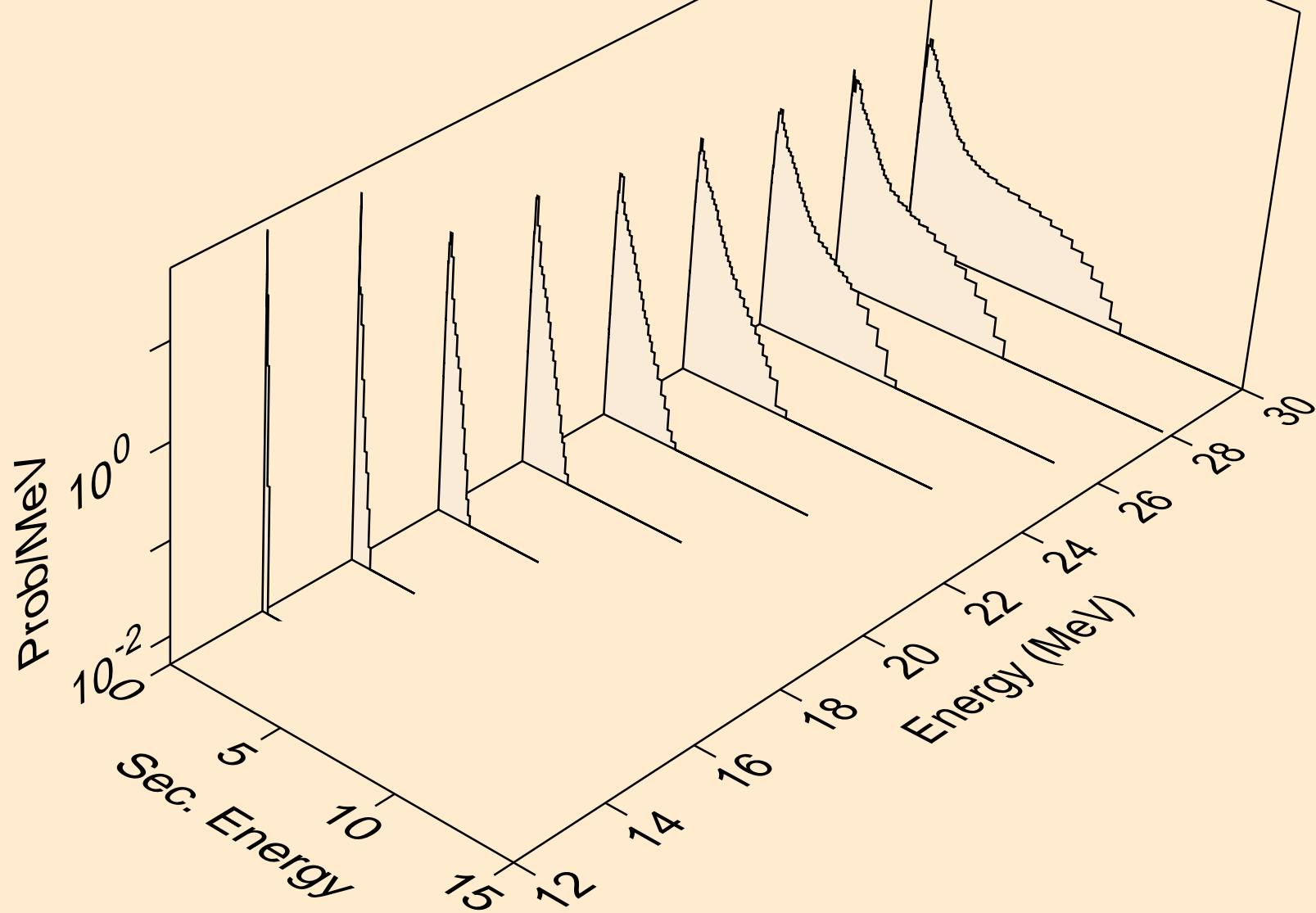
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



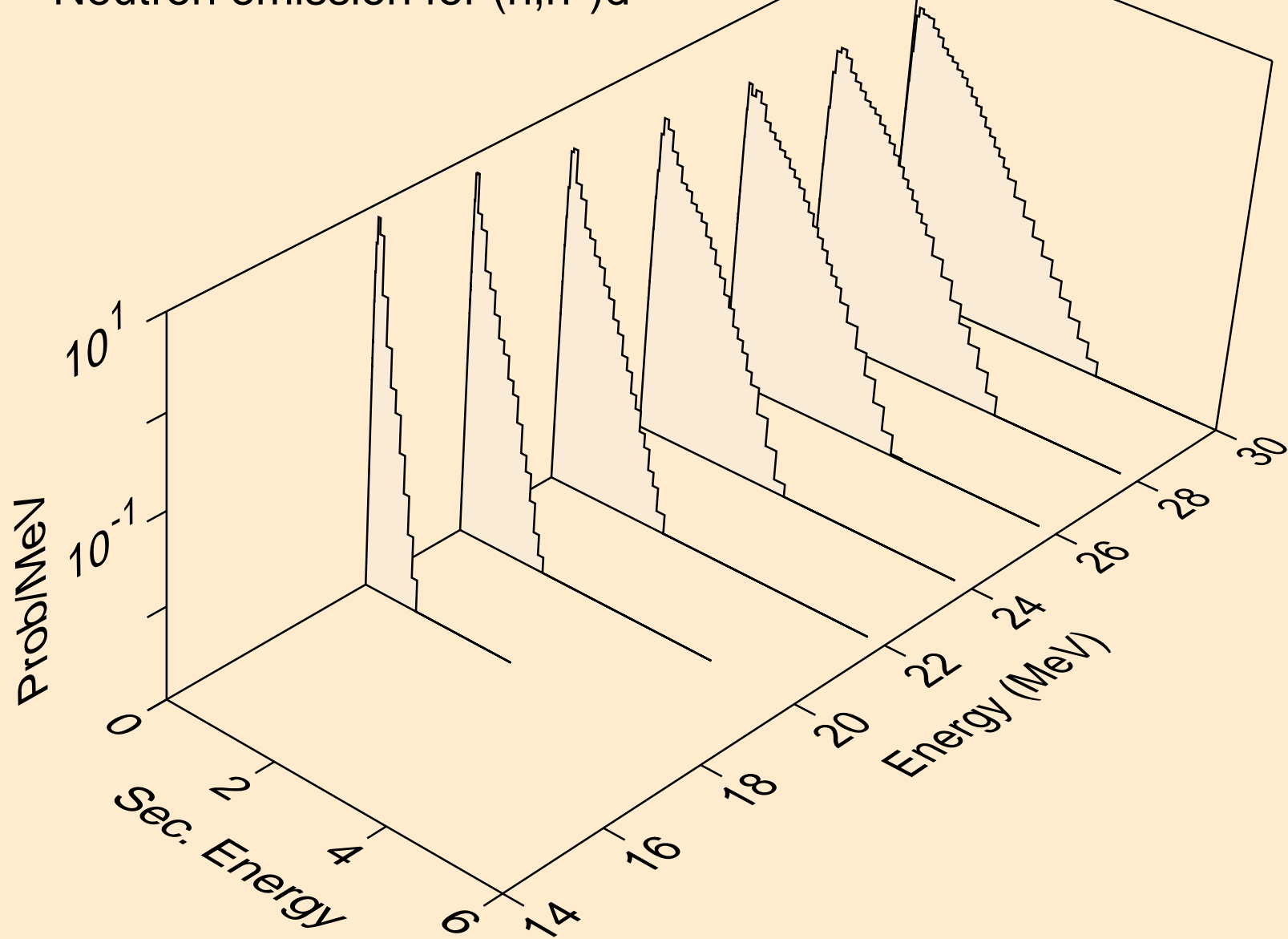
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

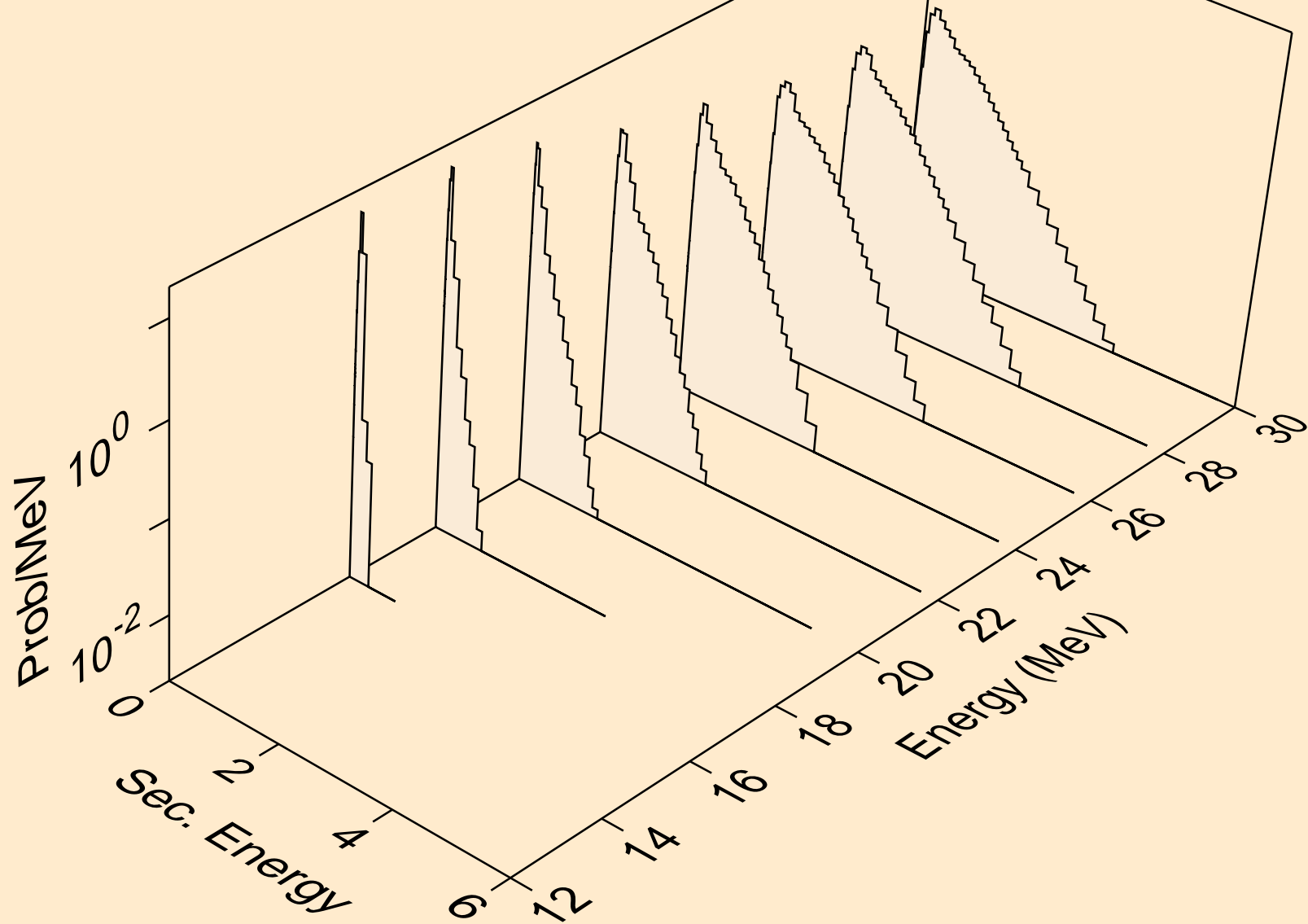


ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

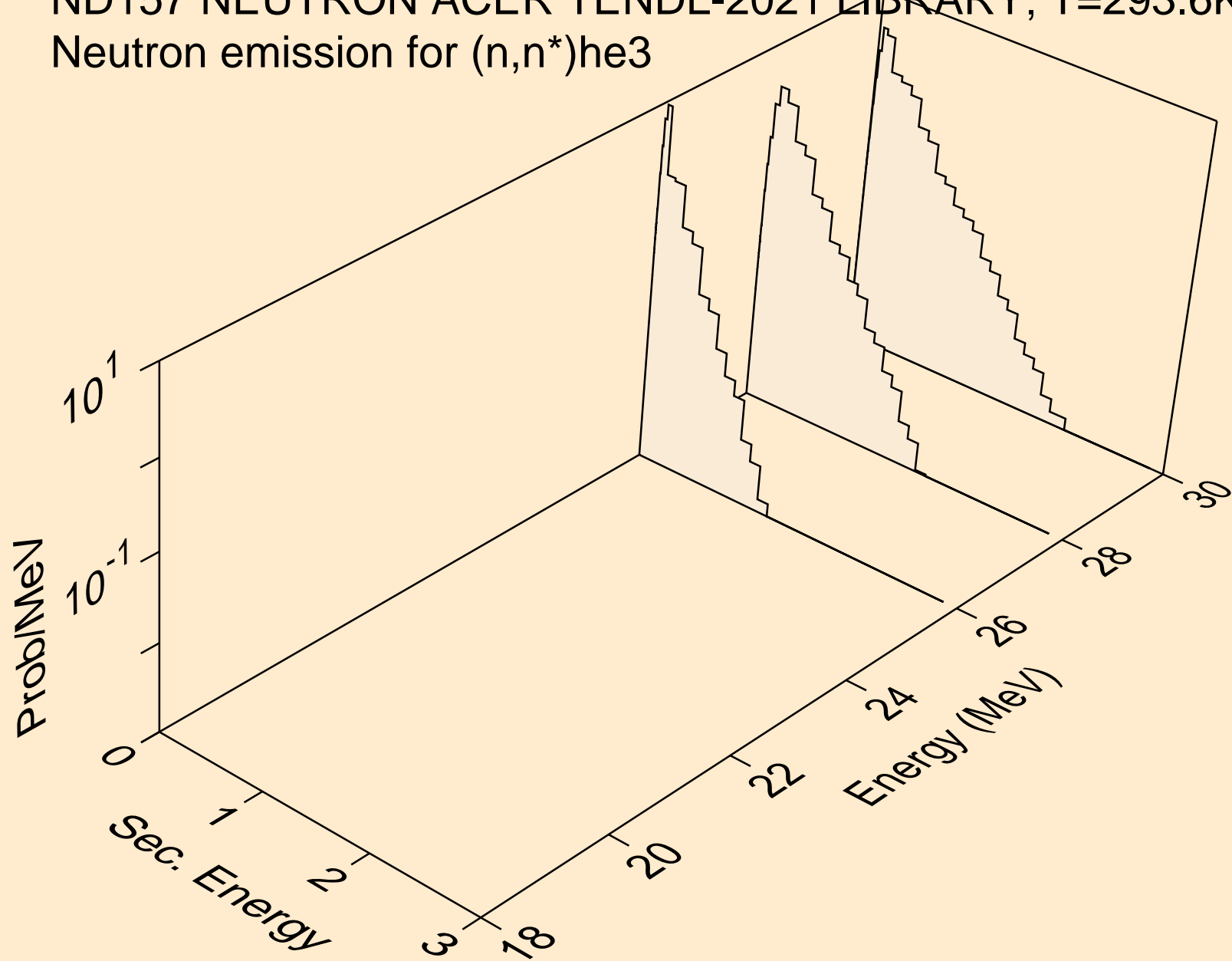




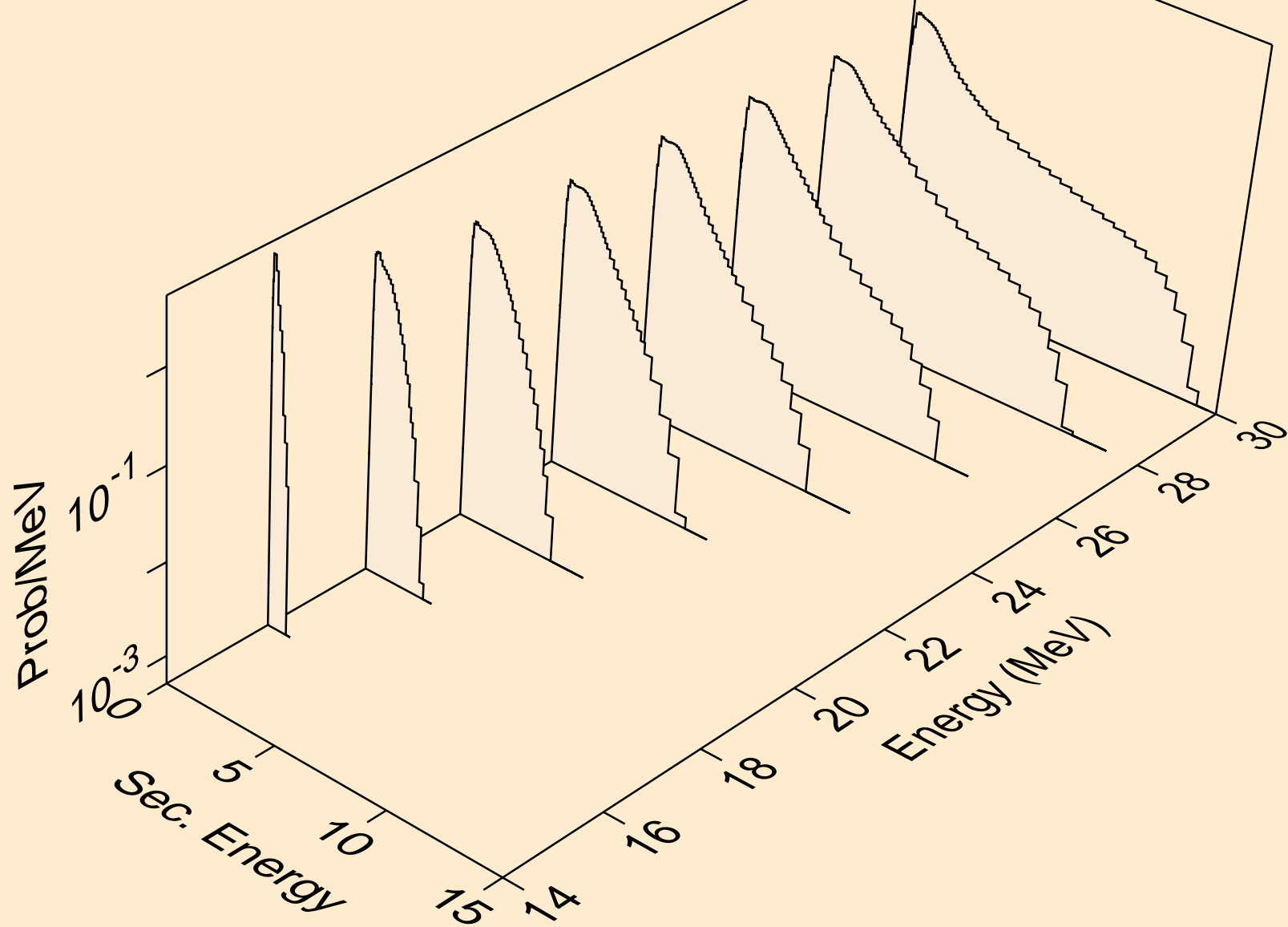
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



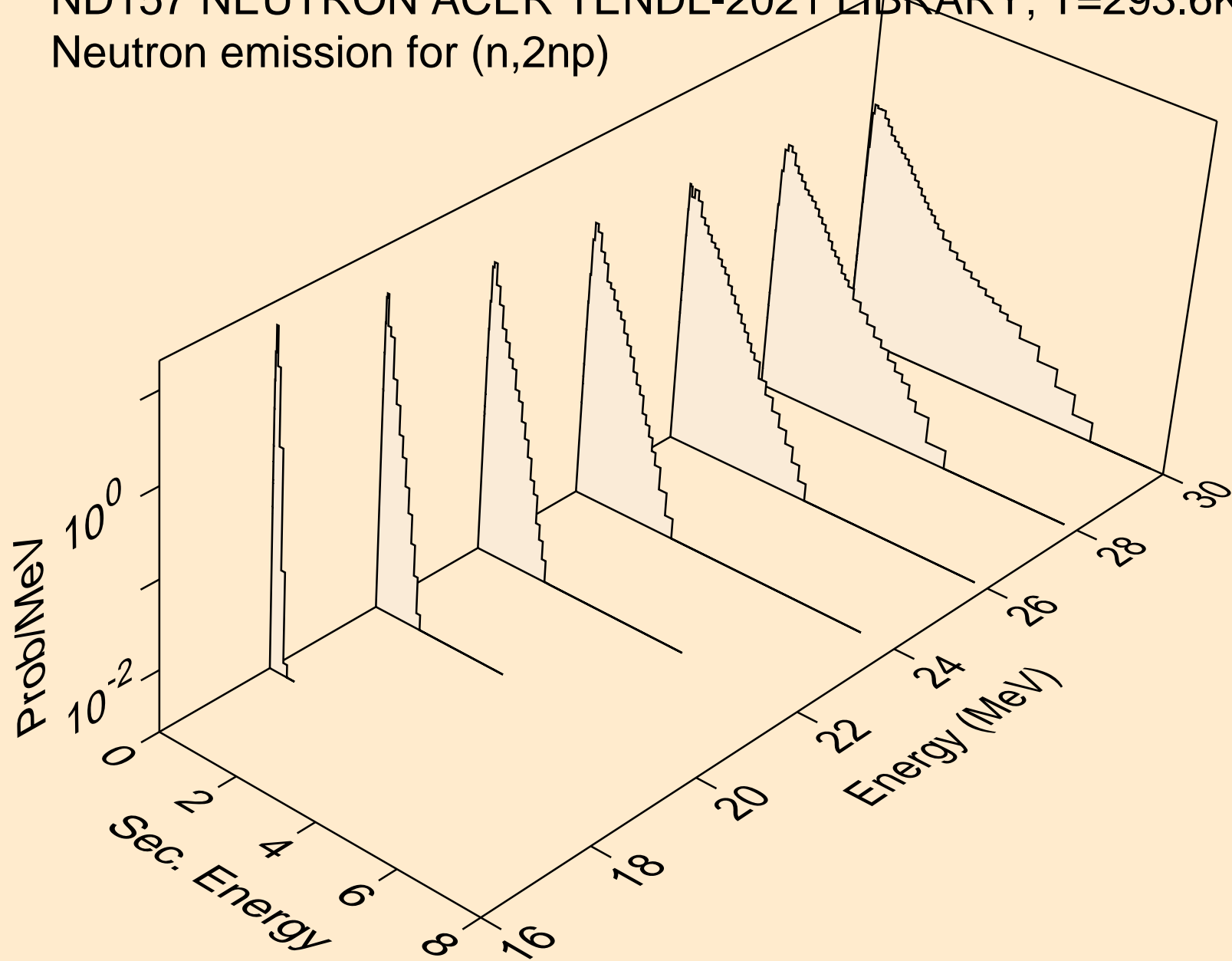
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



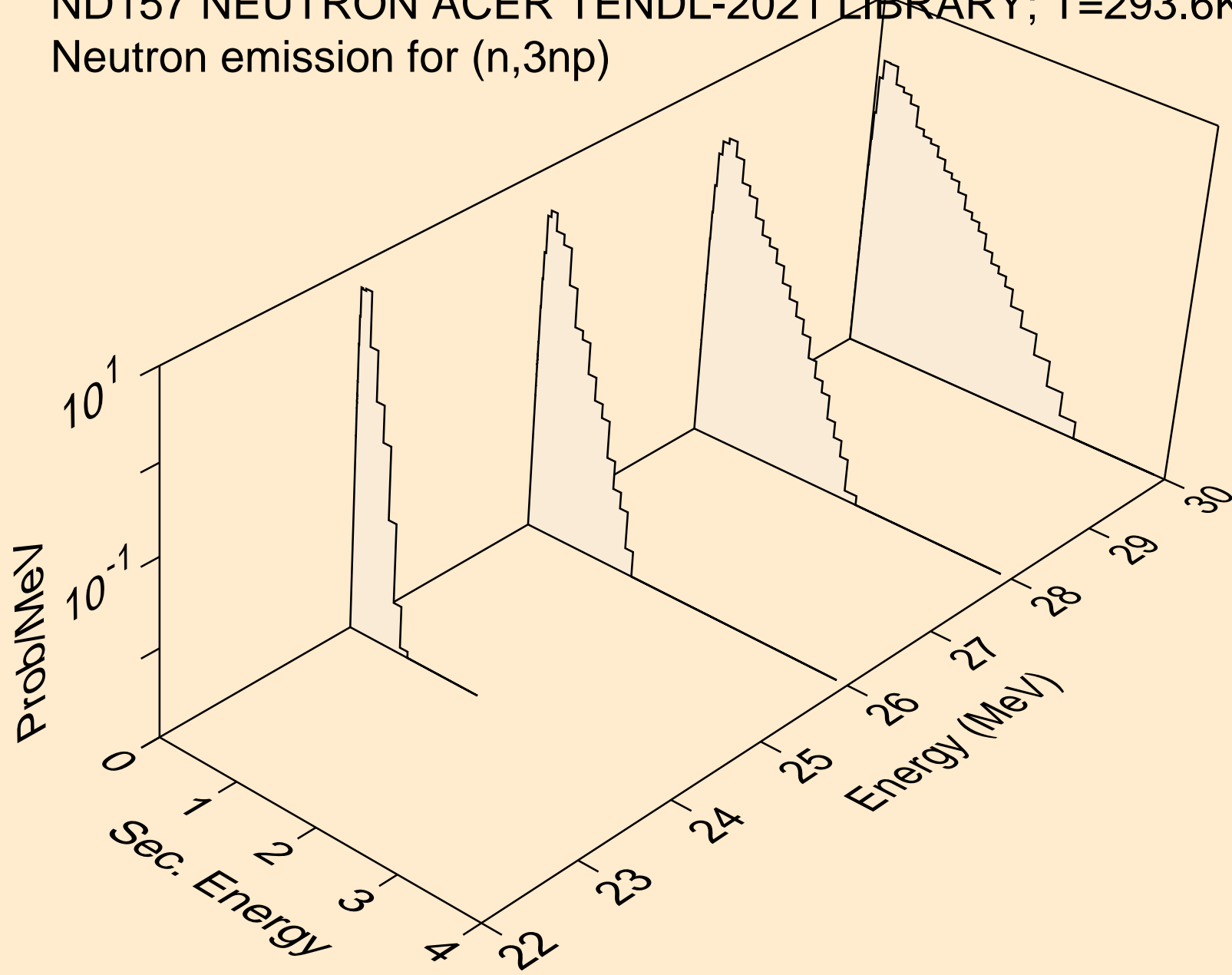
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



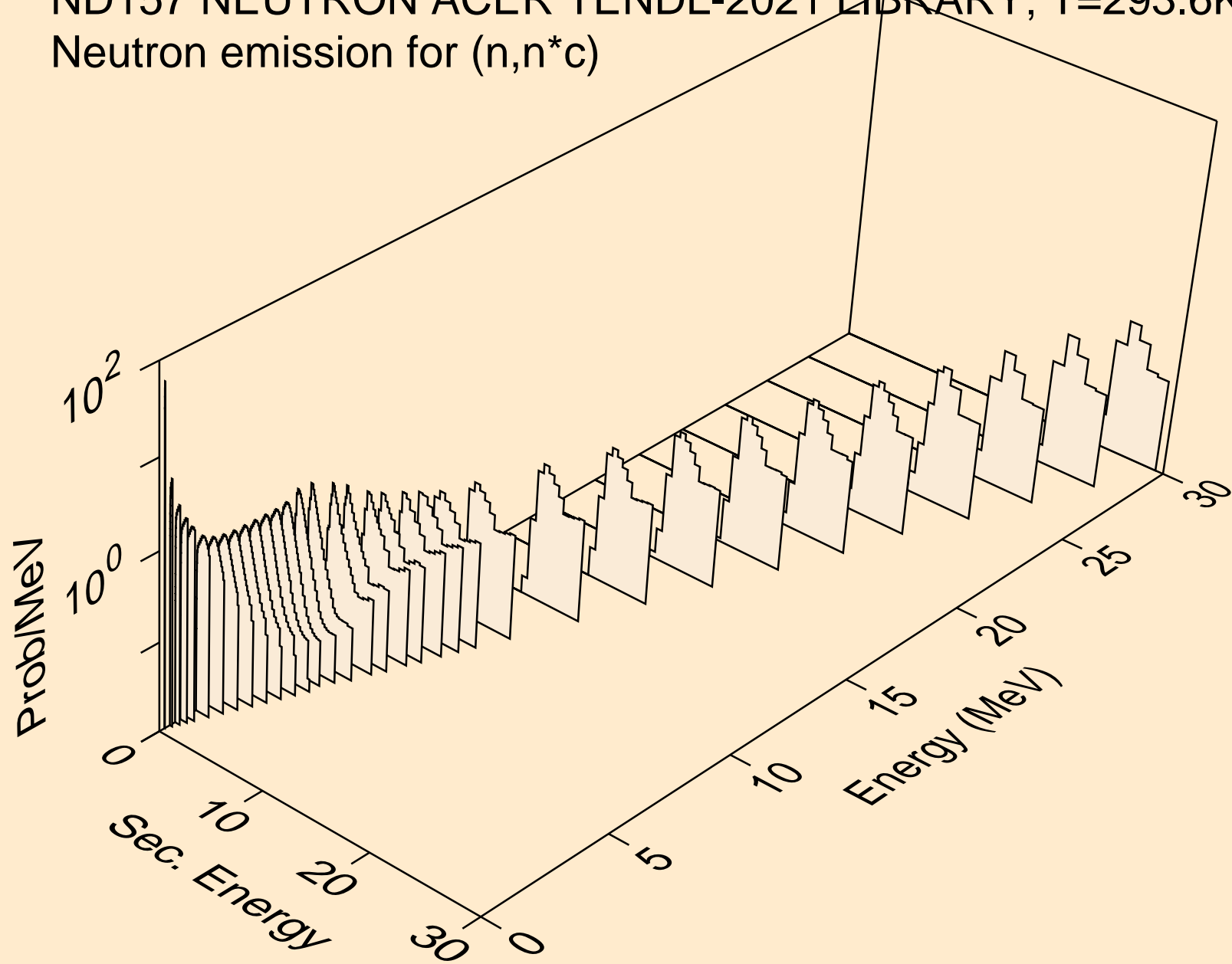
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



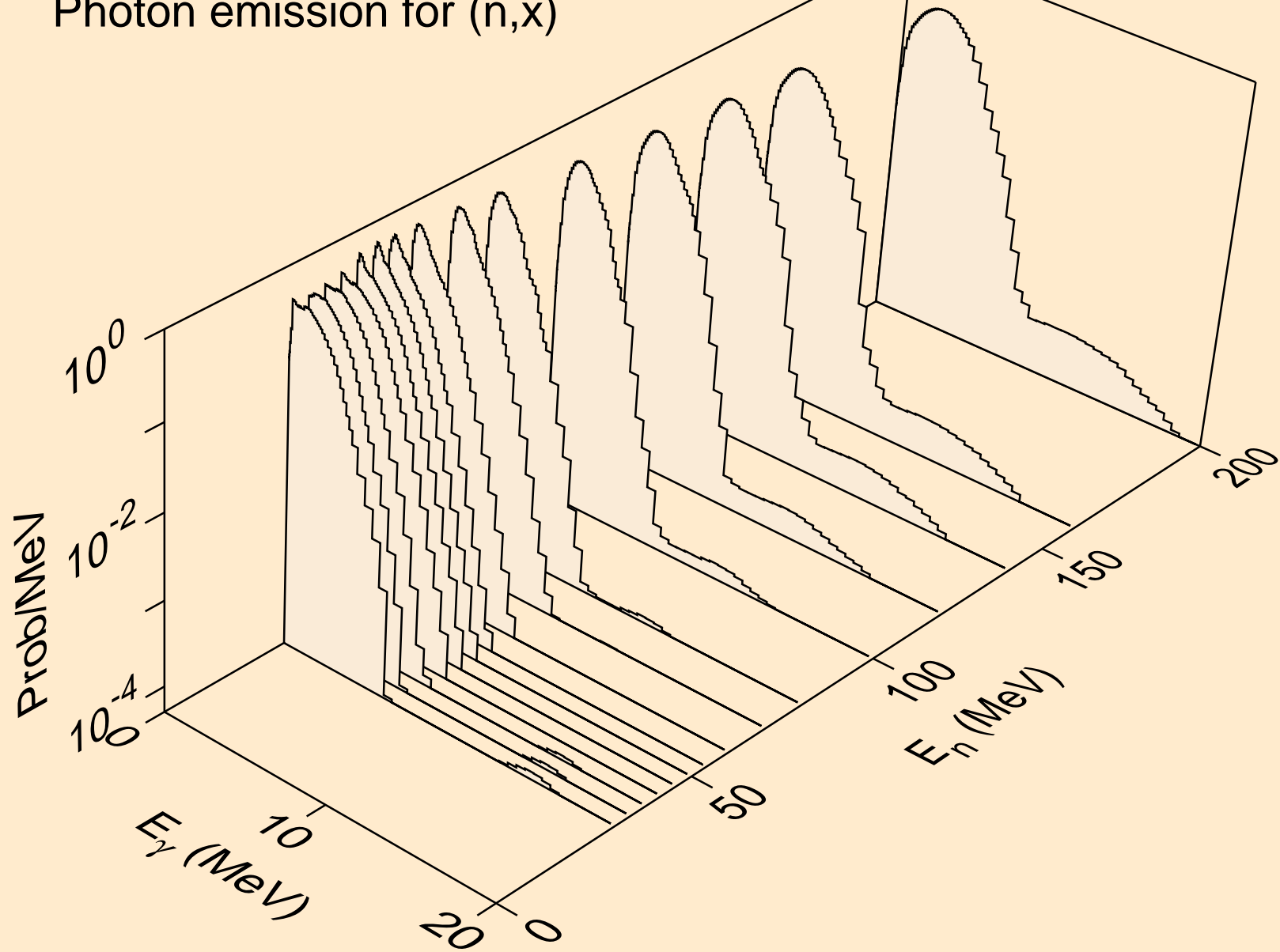
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



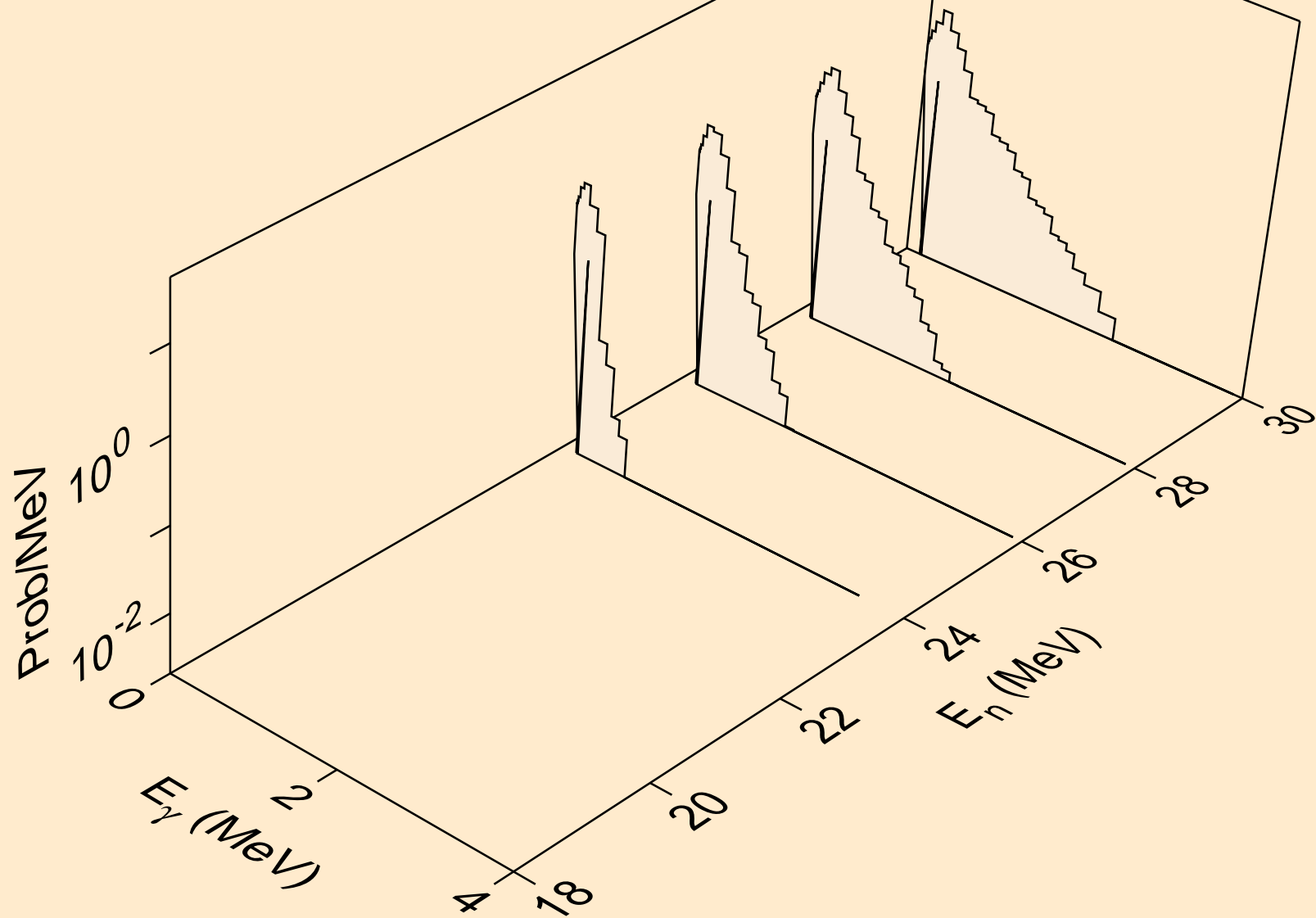
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

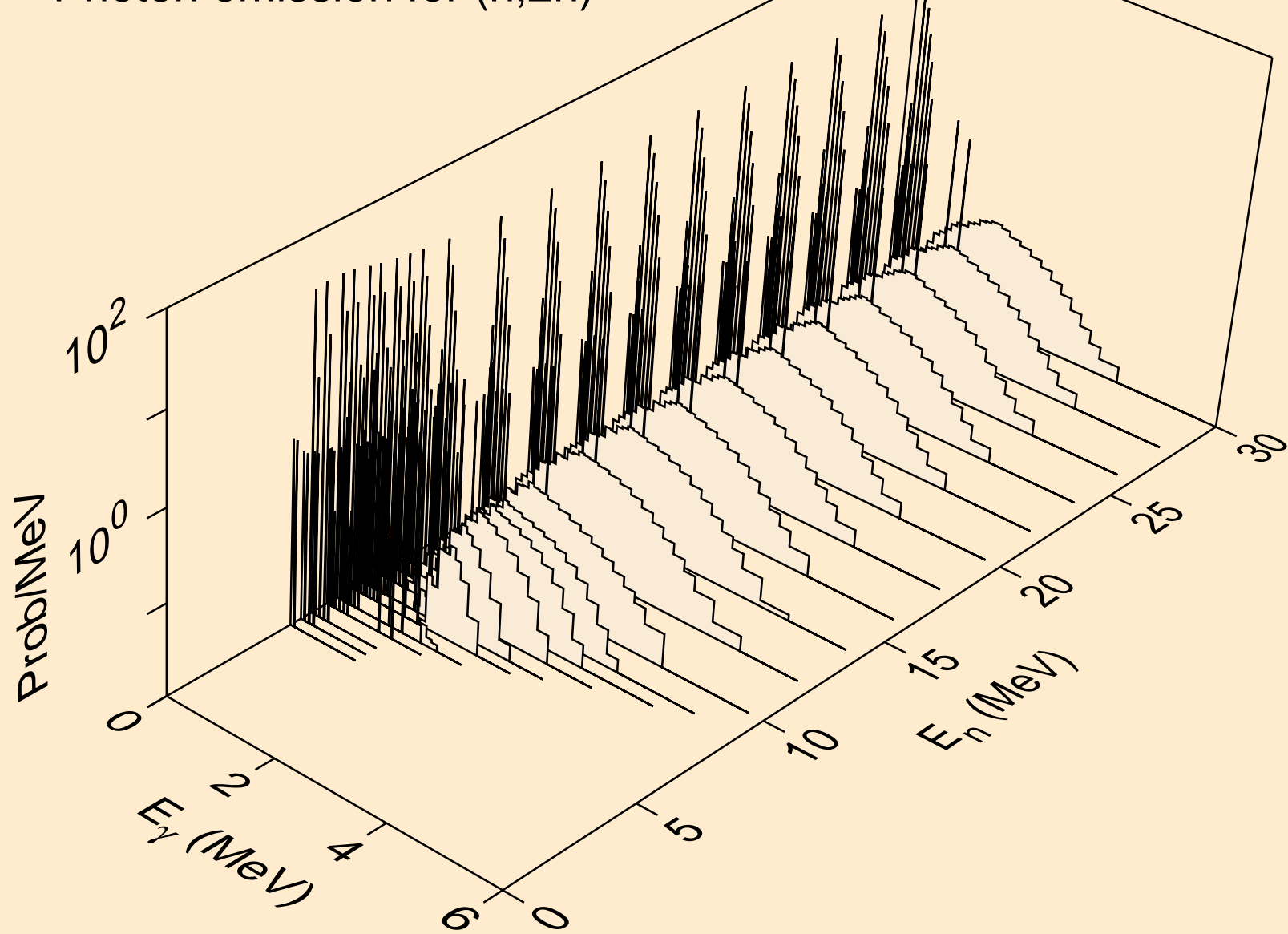


ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

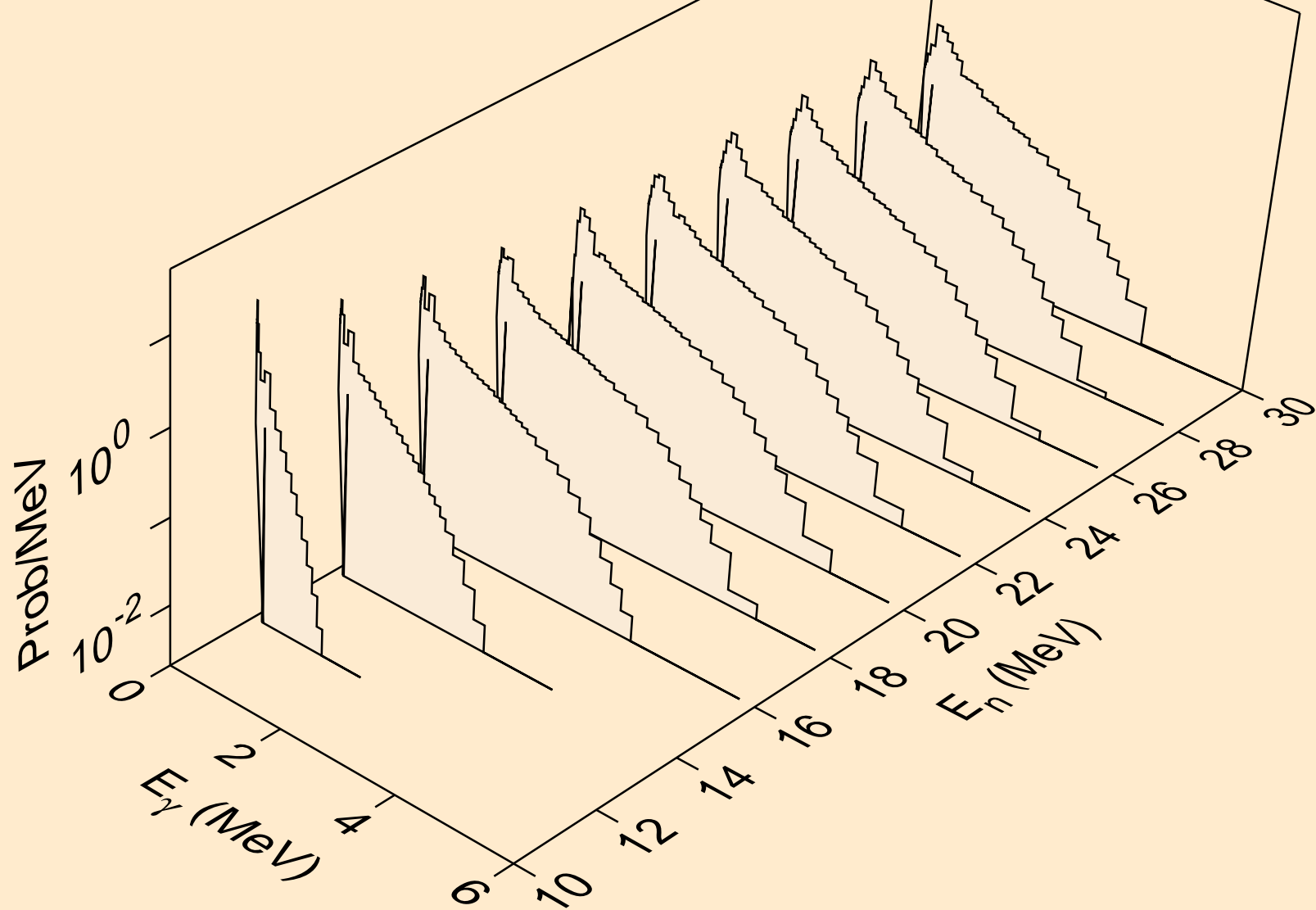




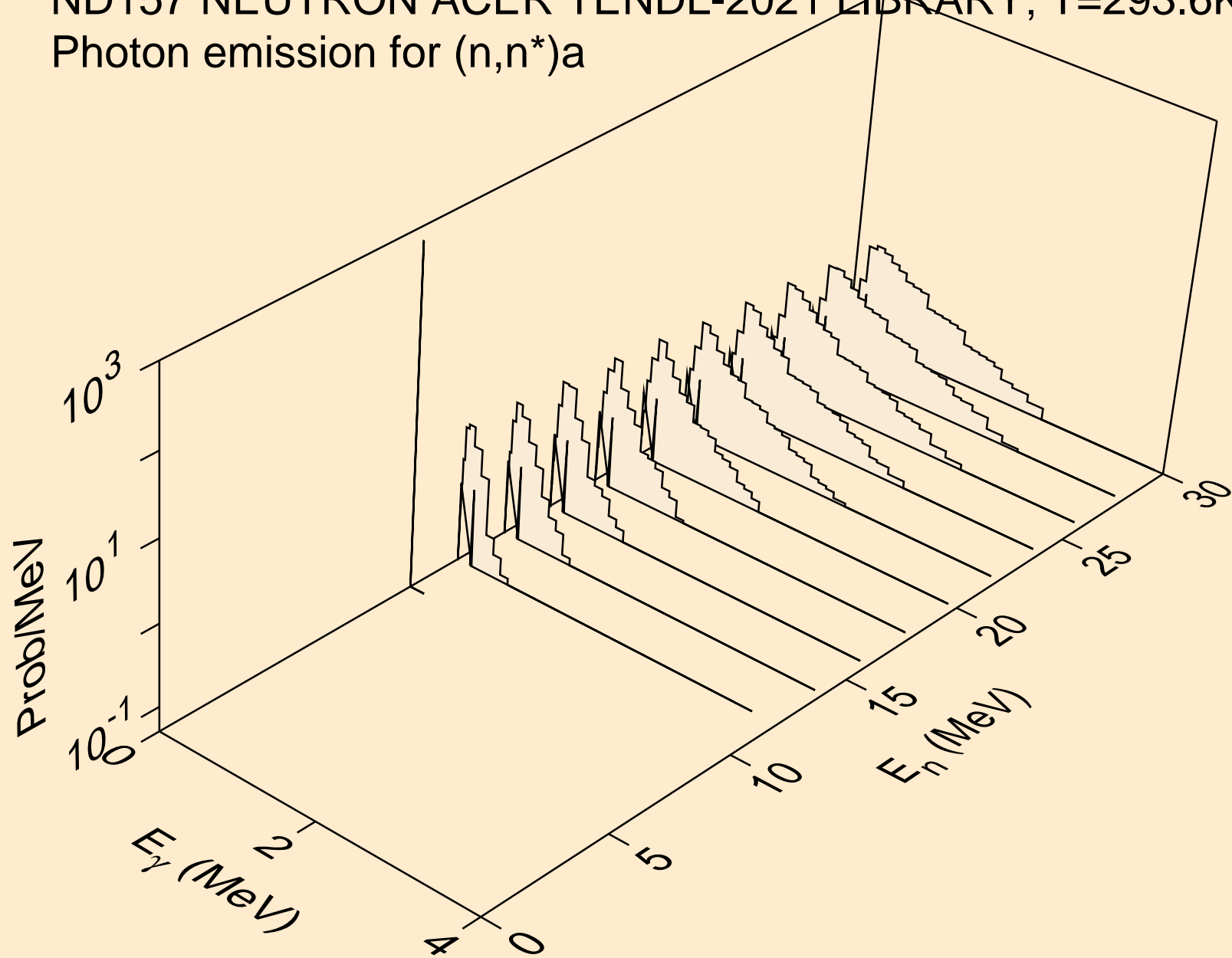
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



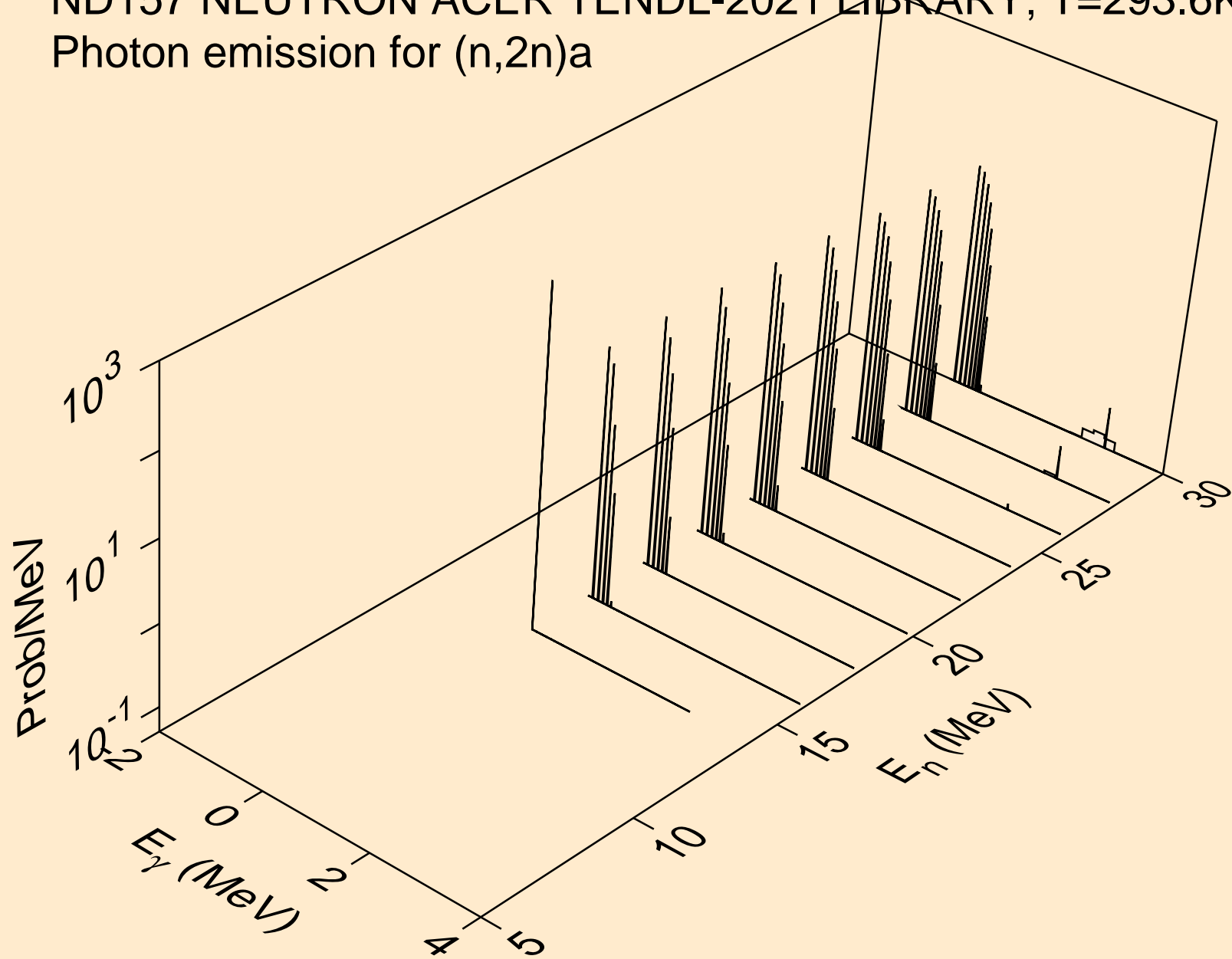
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



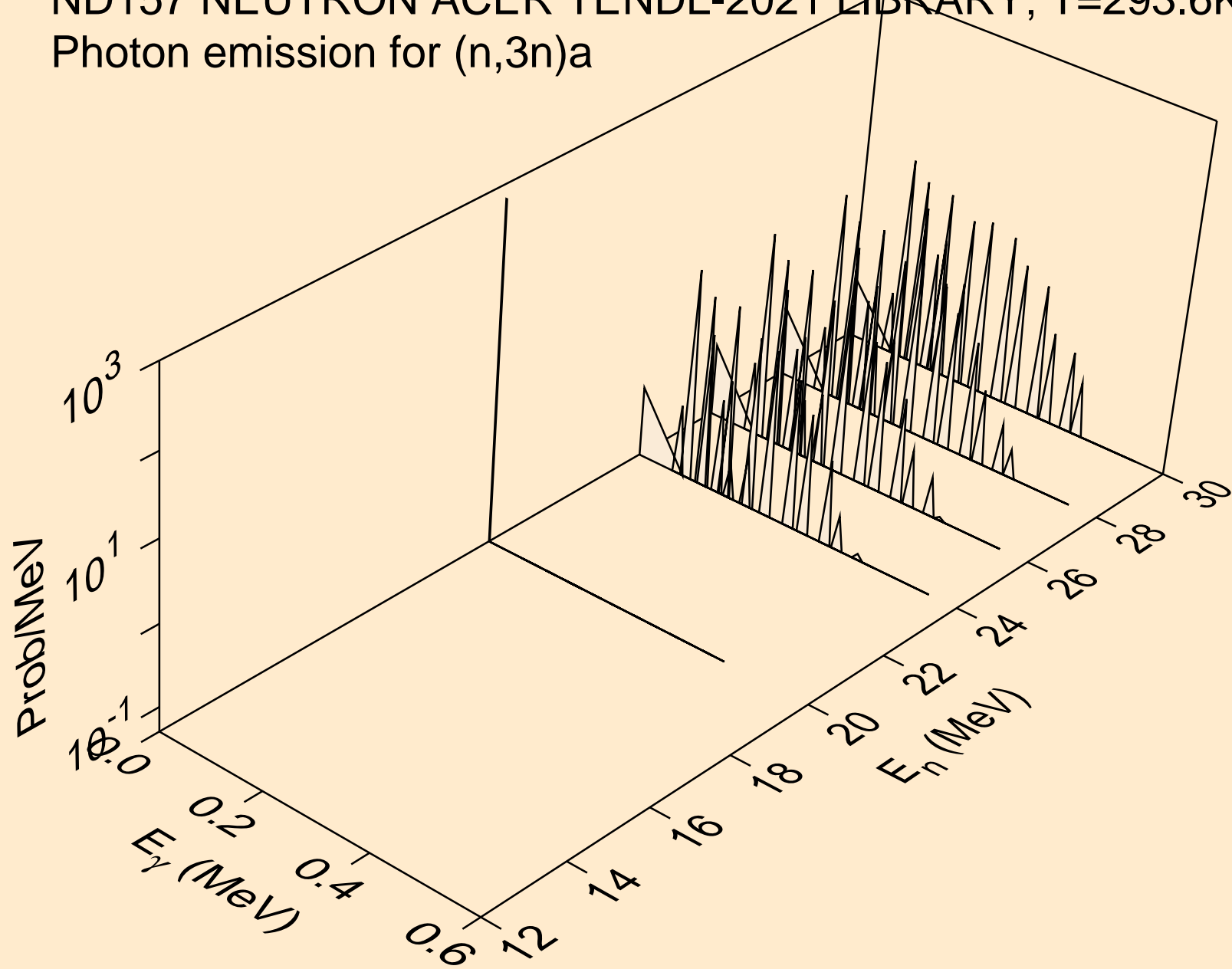
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



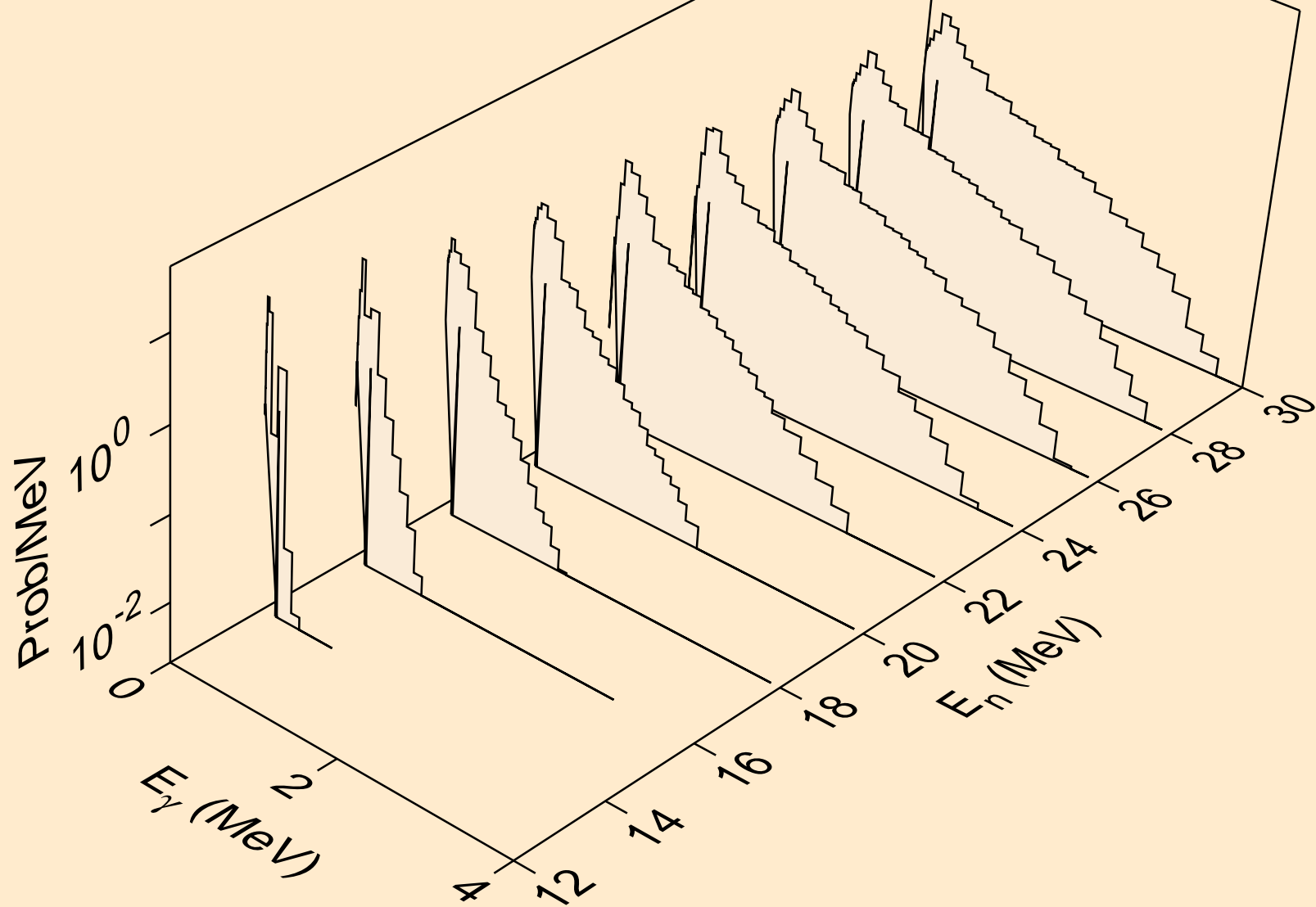
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



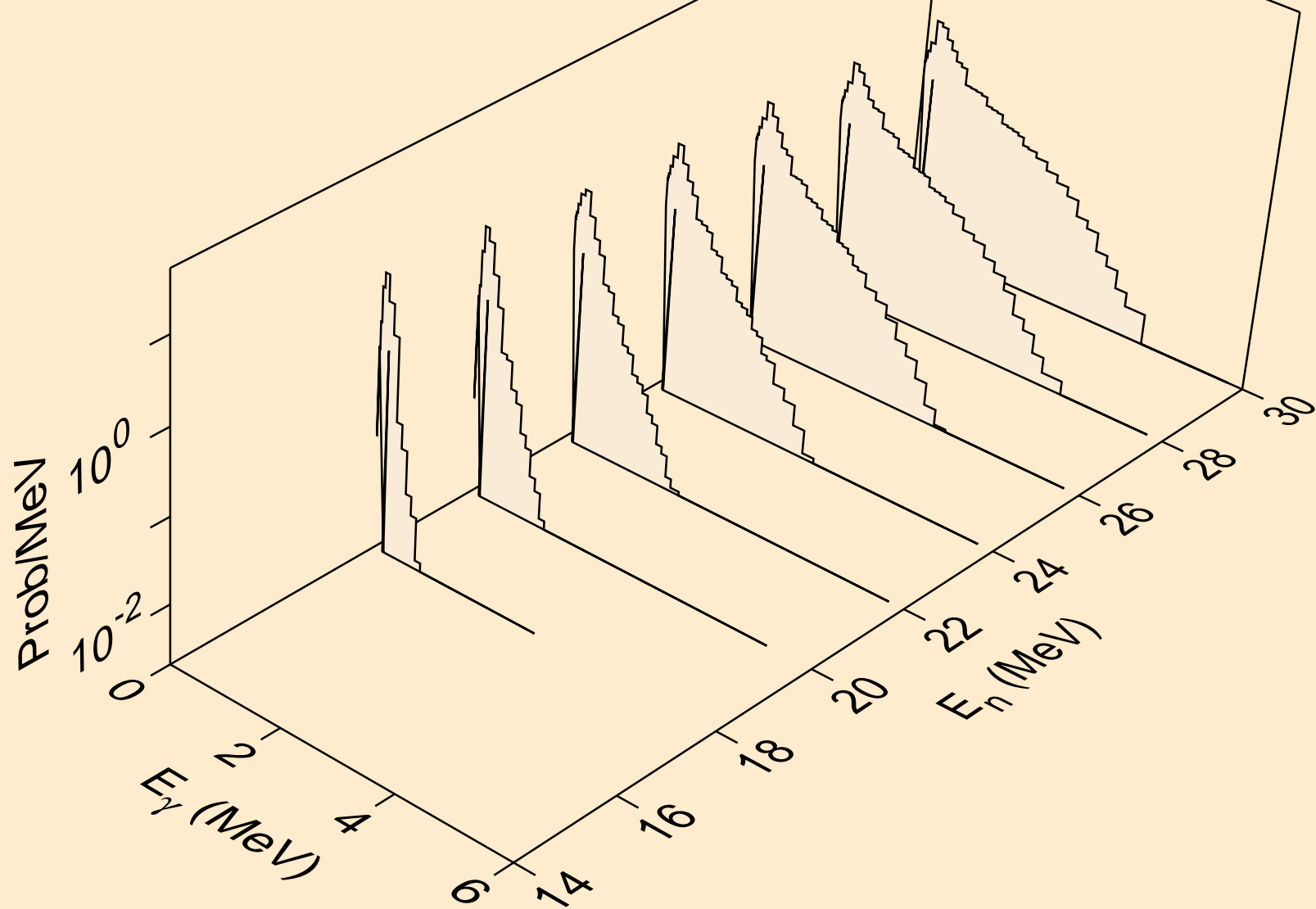
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



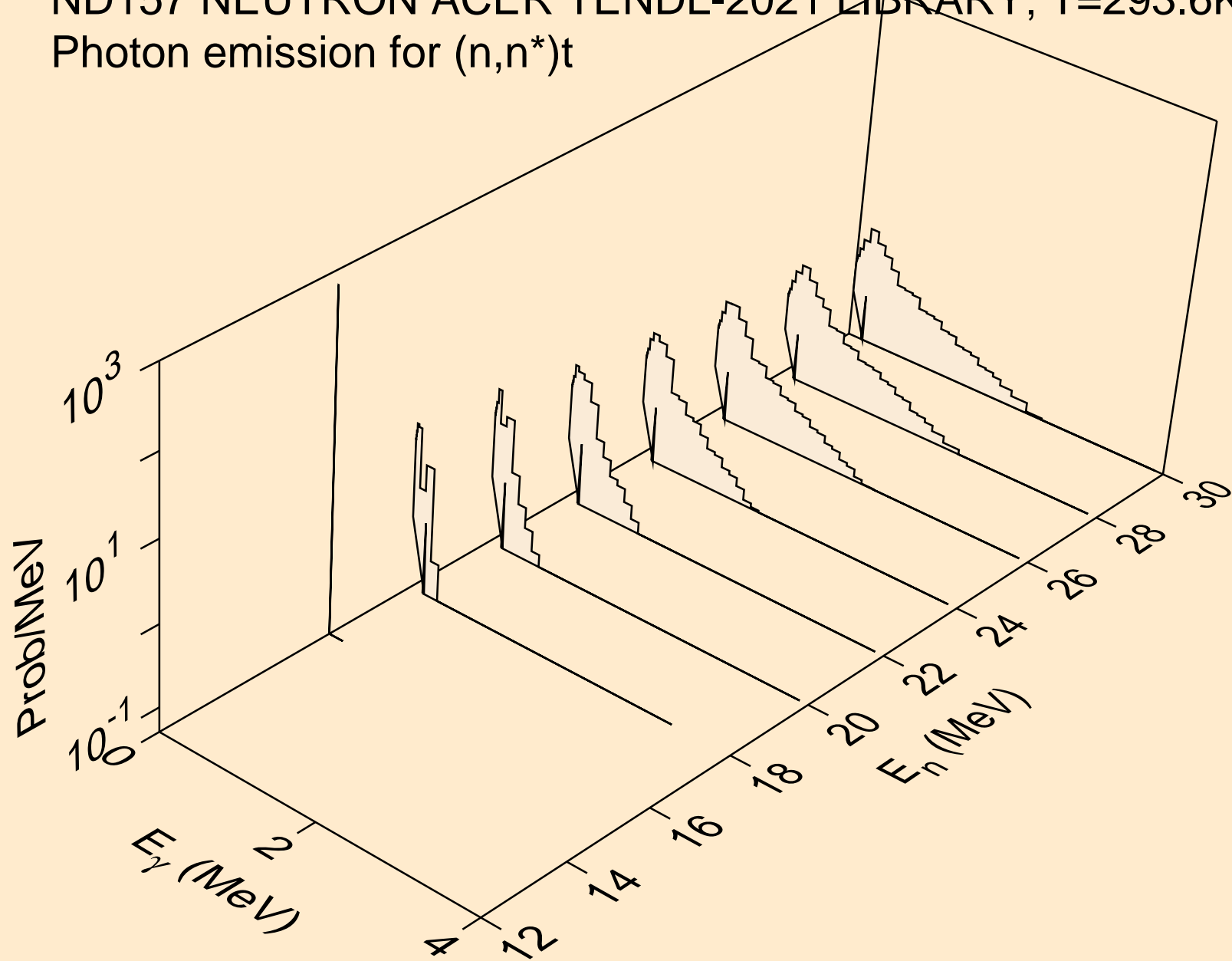
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

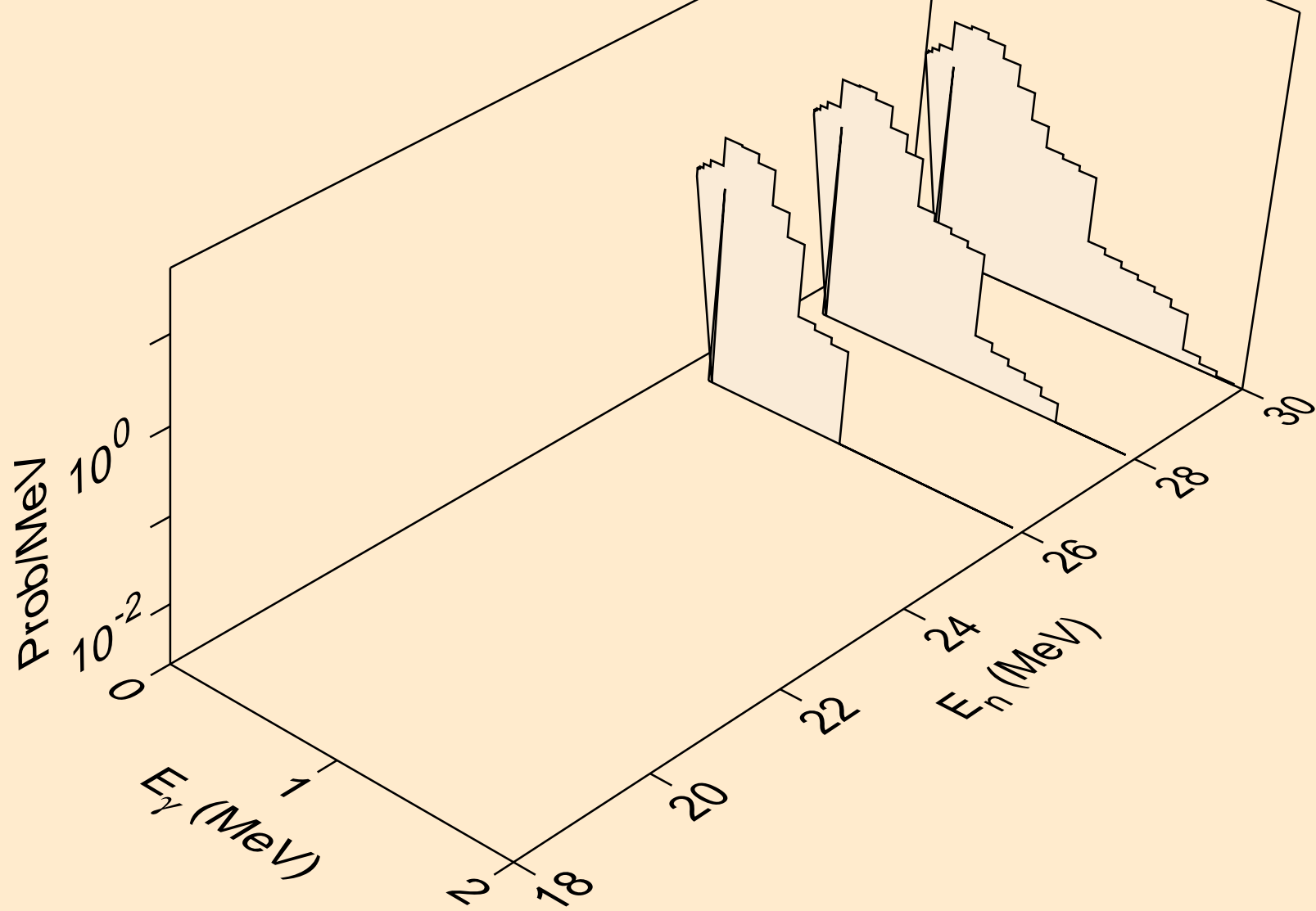


ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

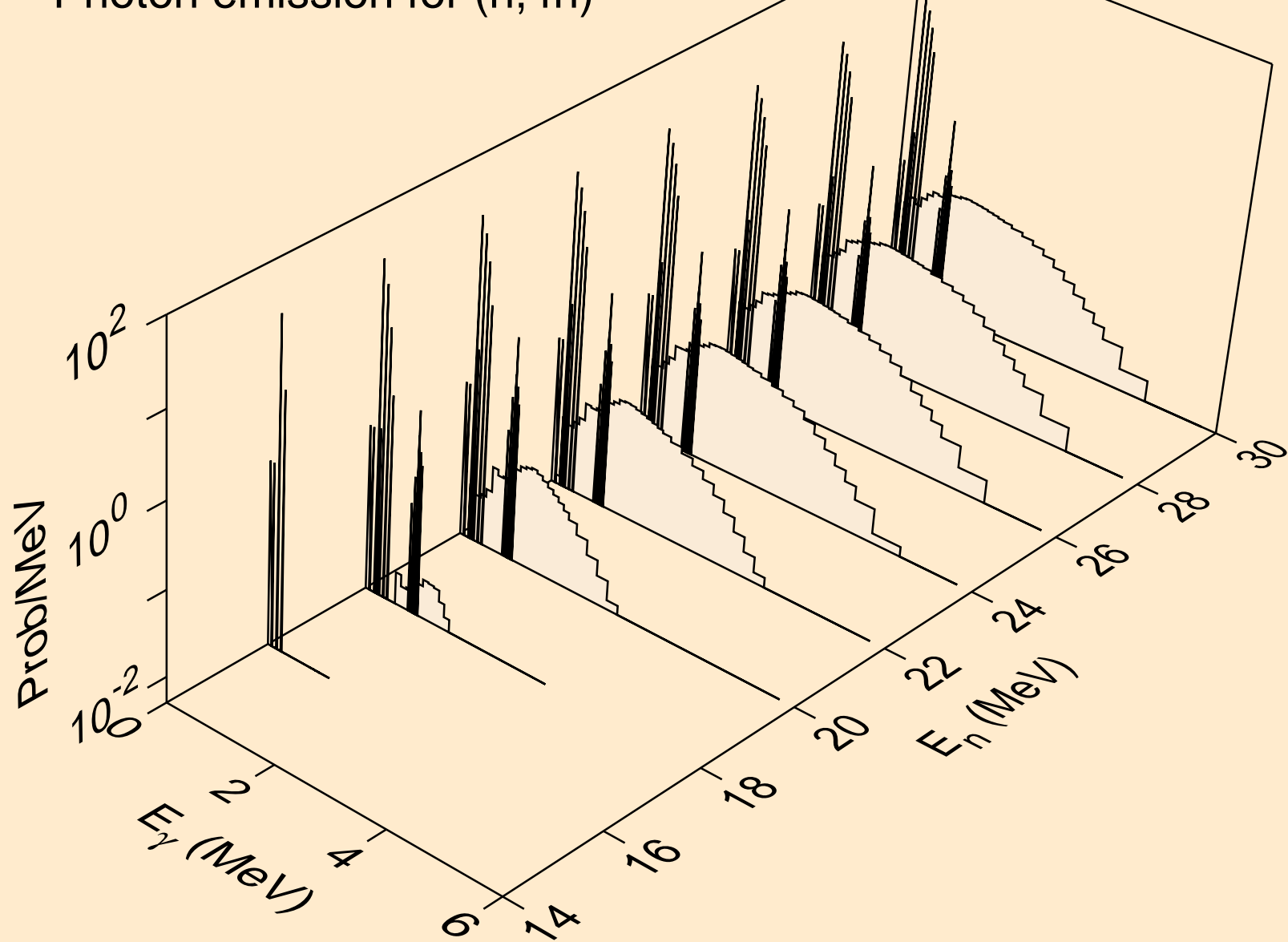




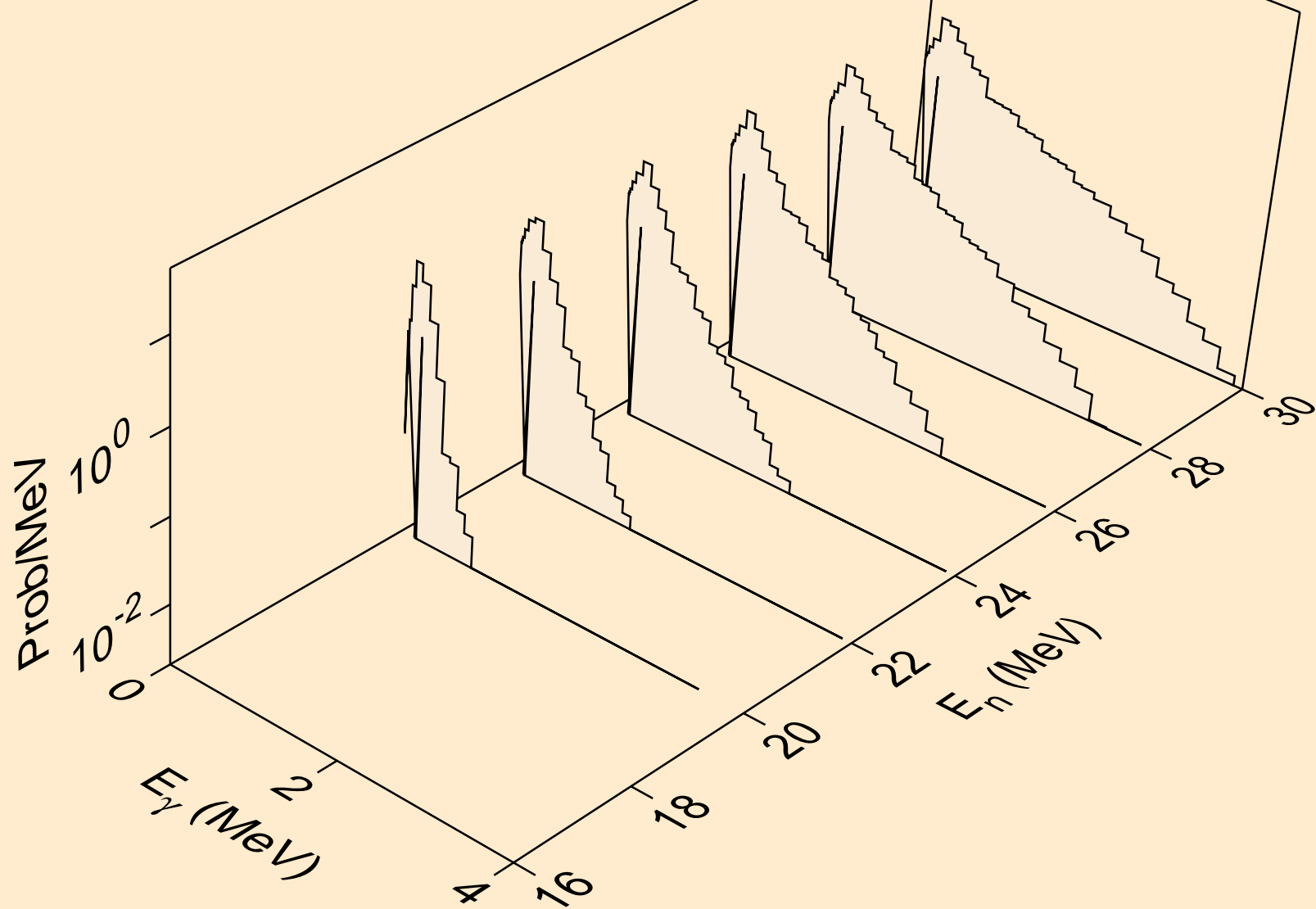
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



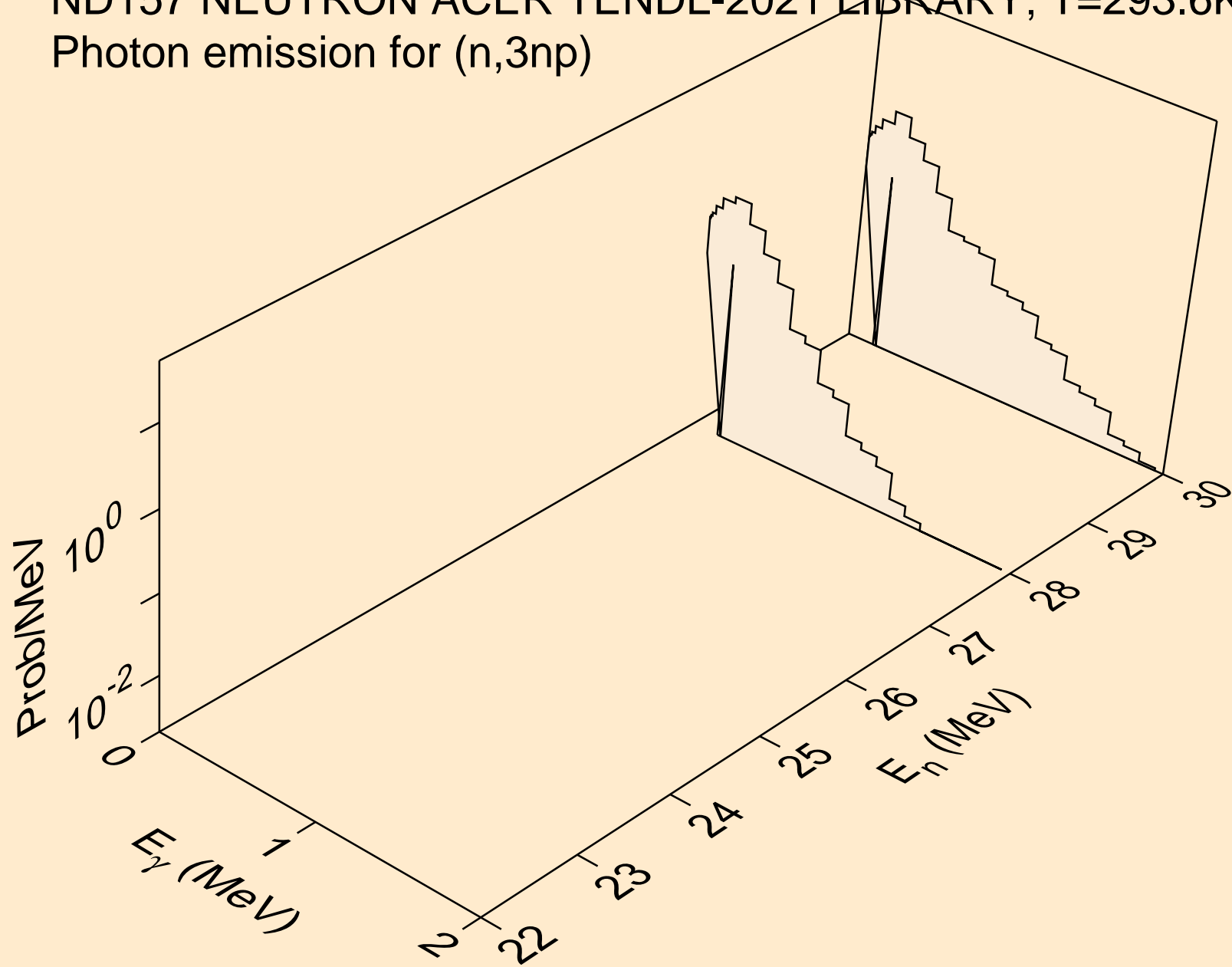
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



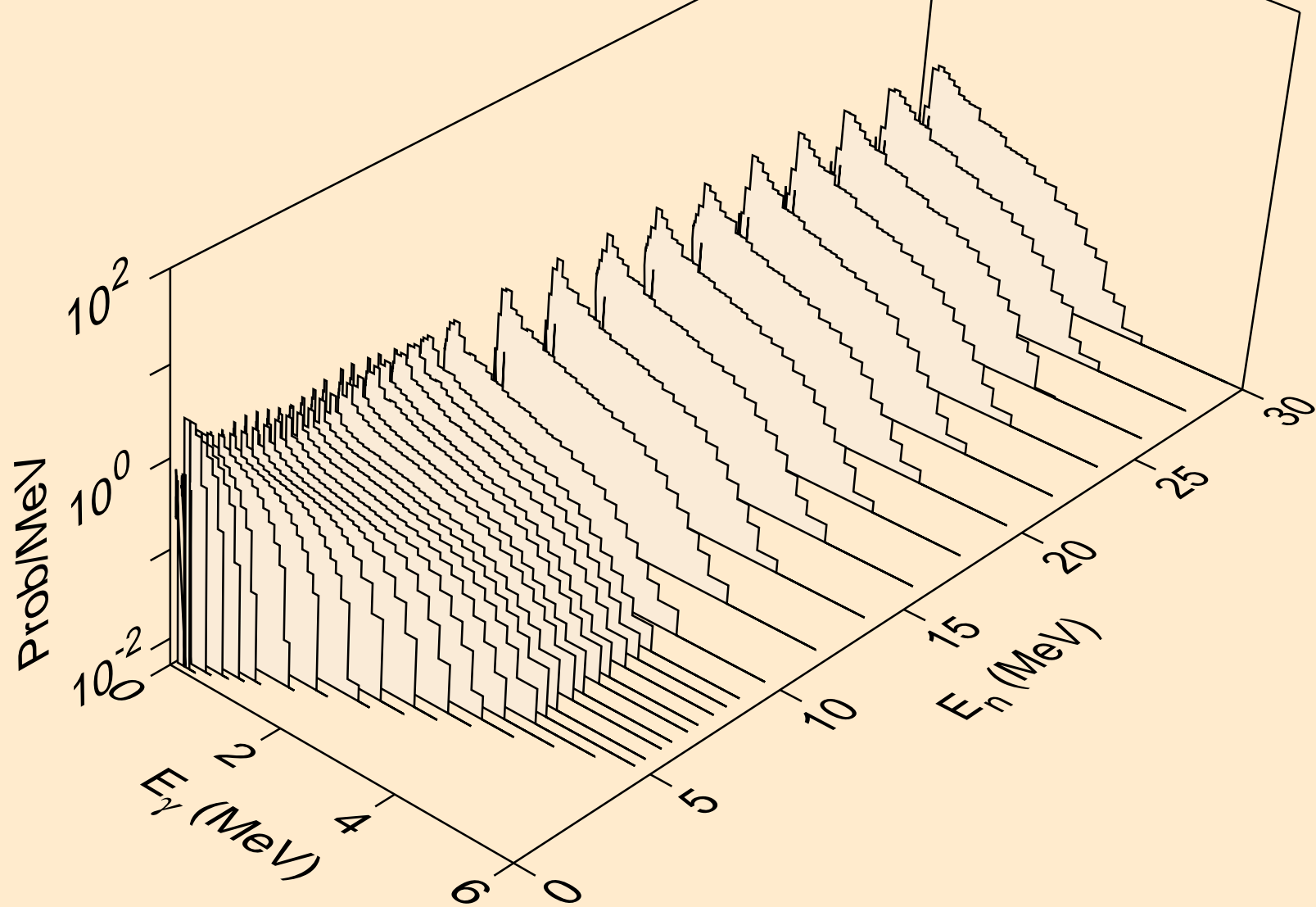
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



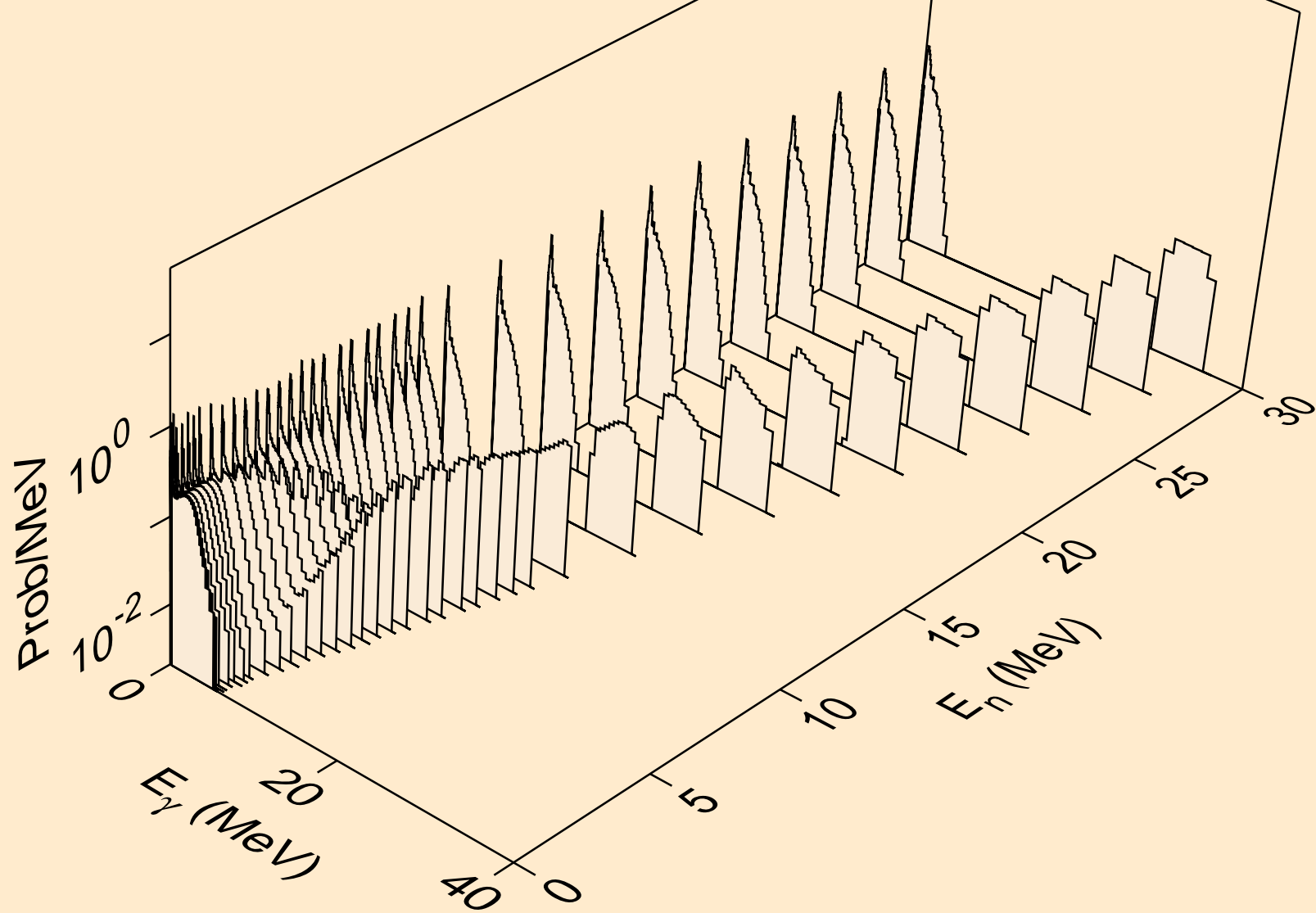
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



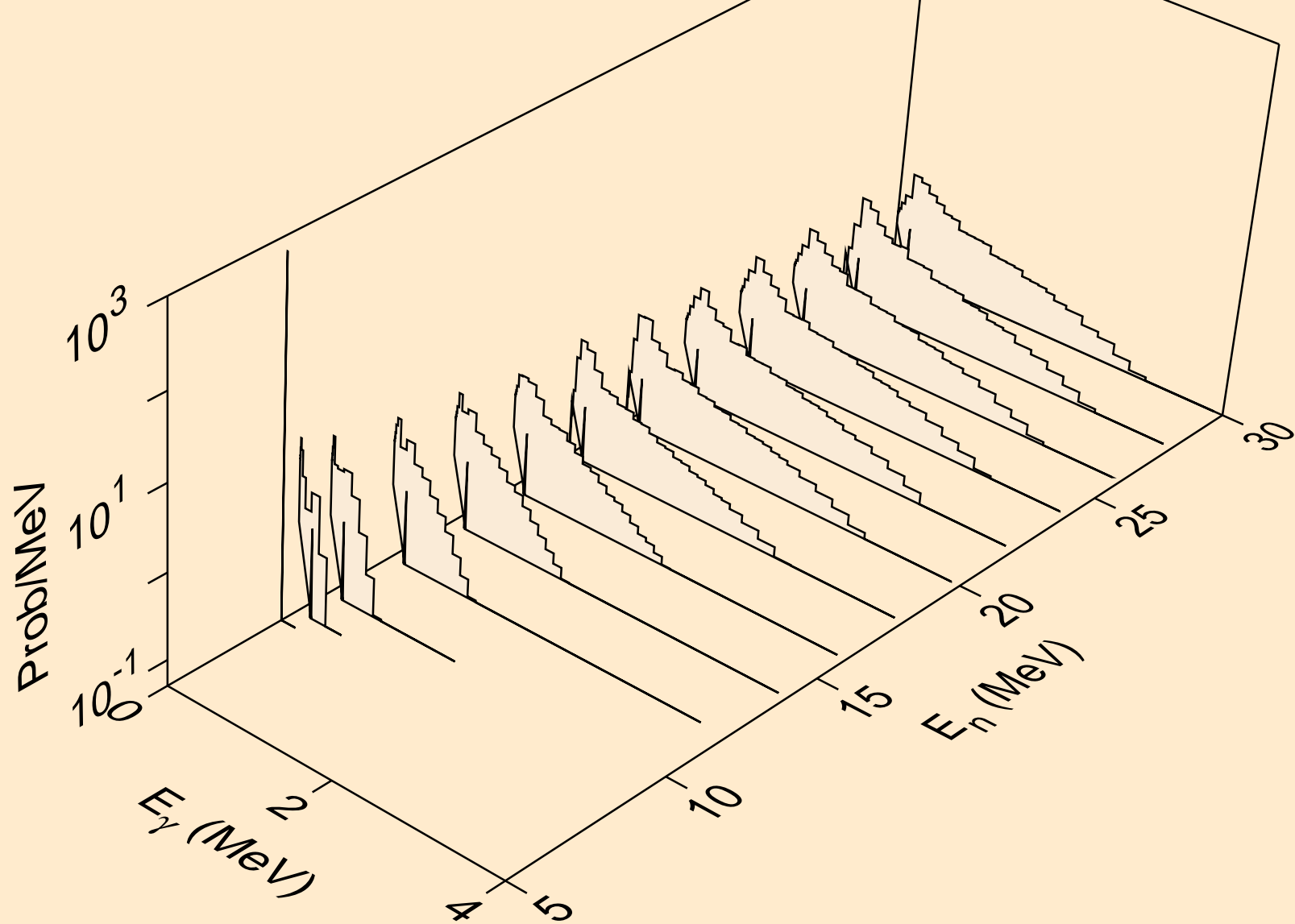
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



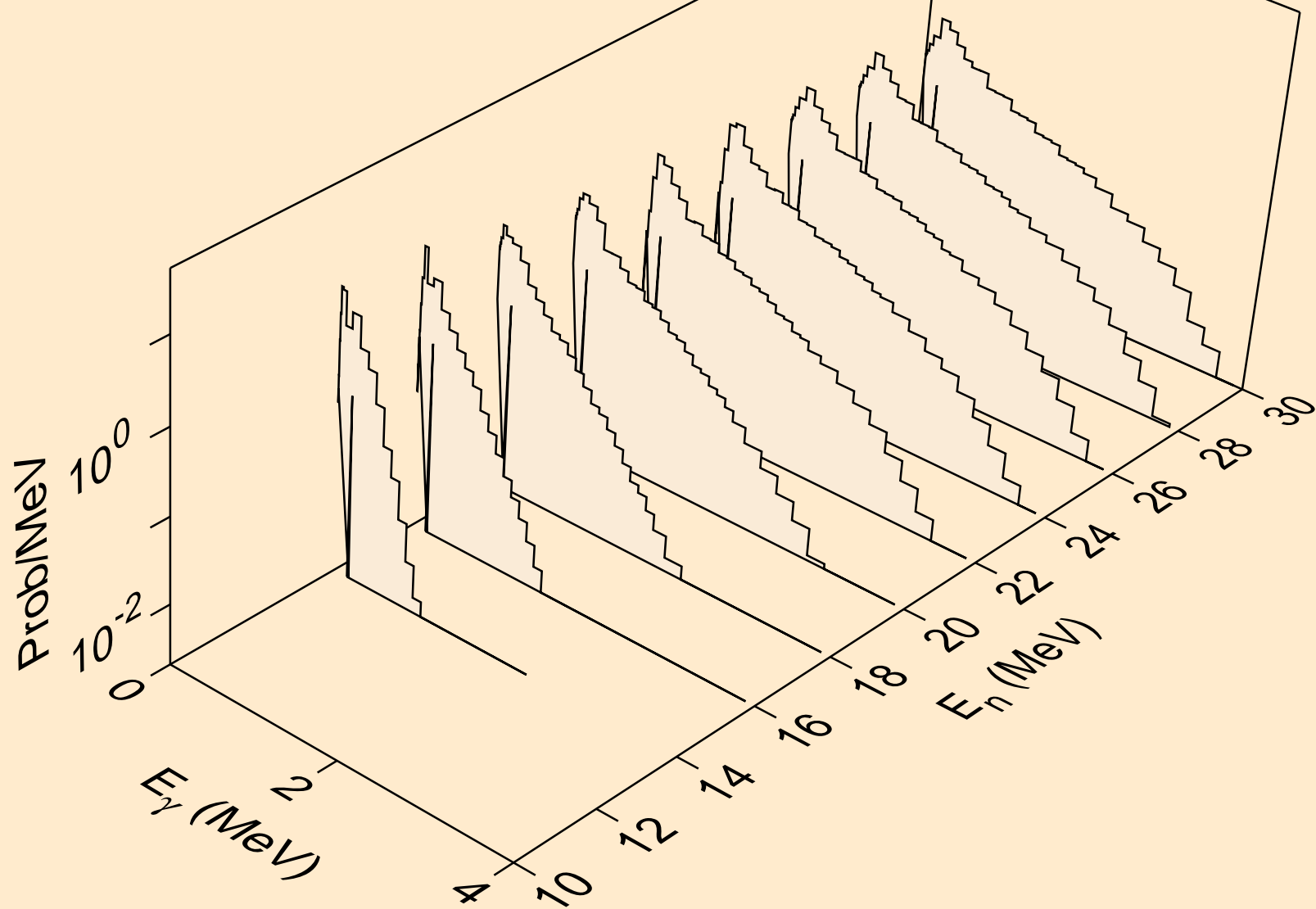
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

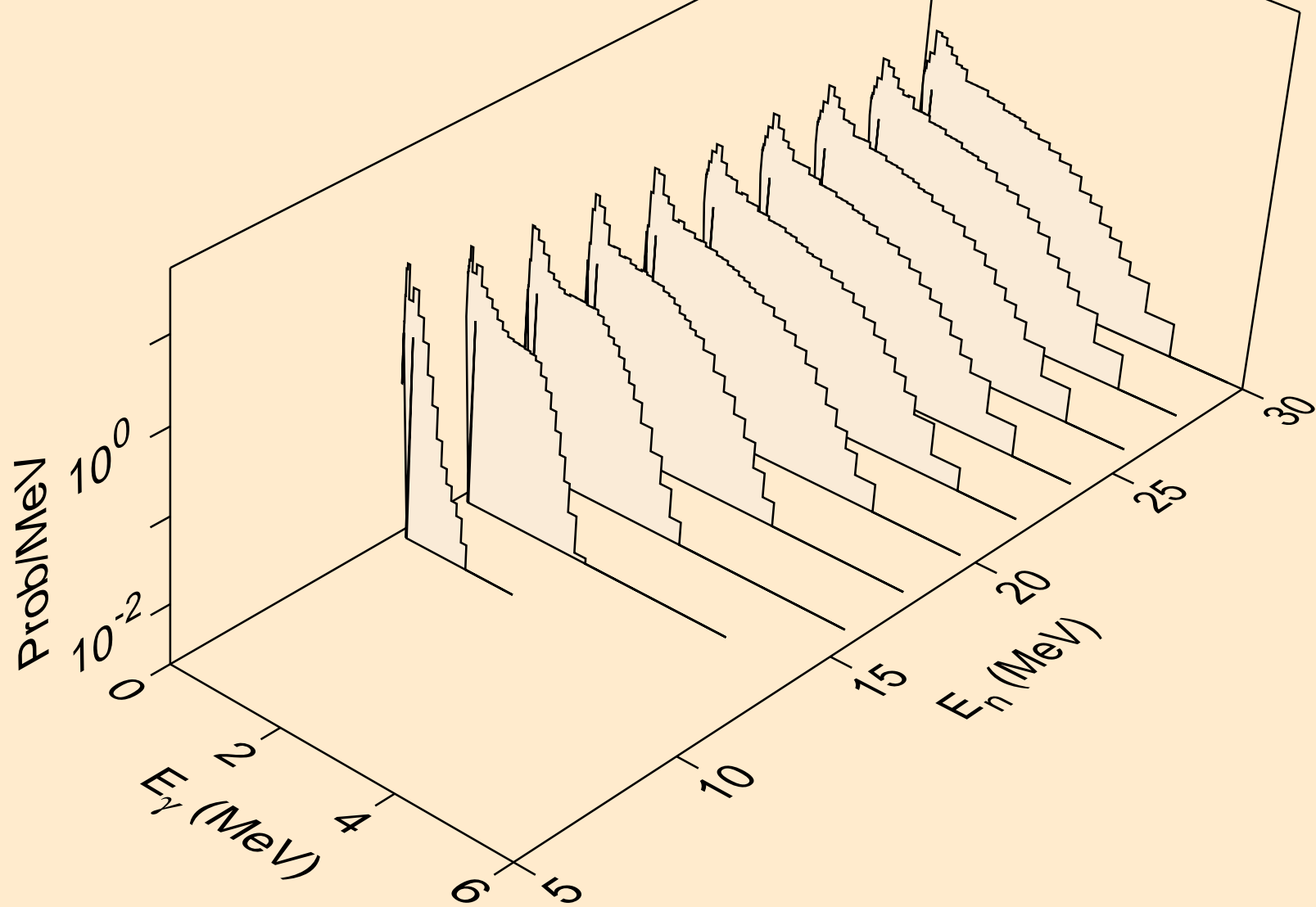


ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)

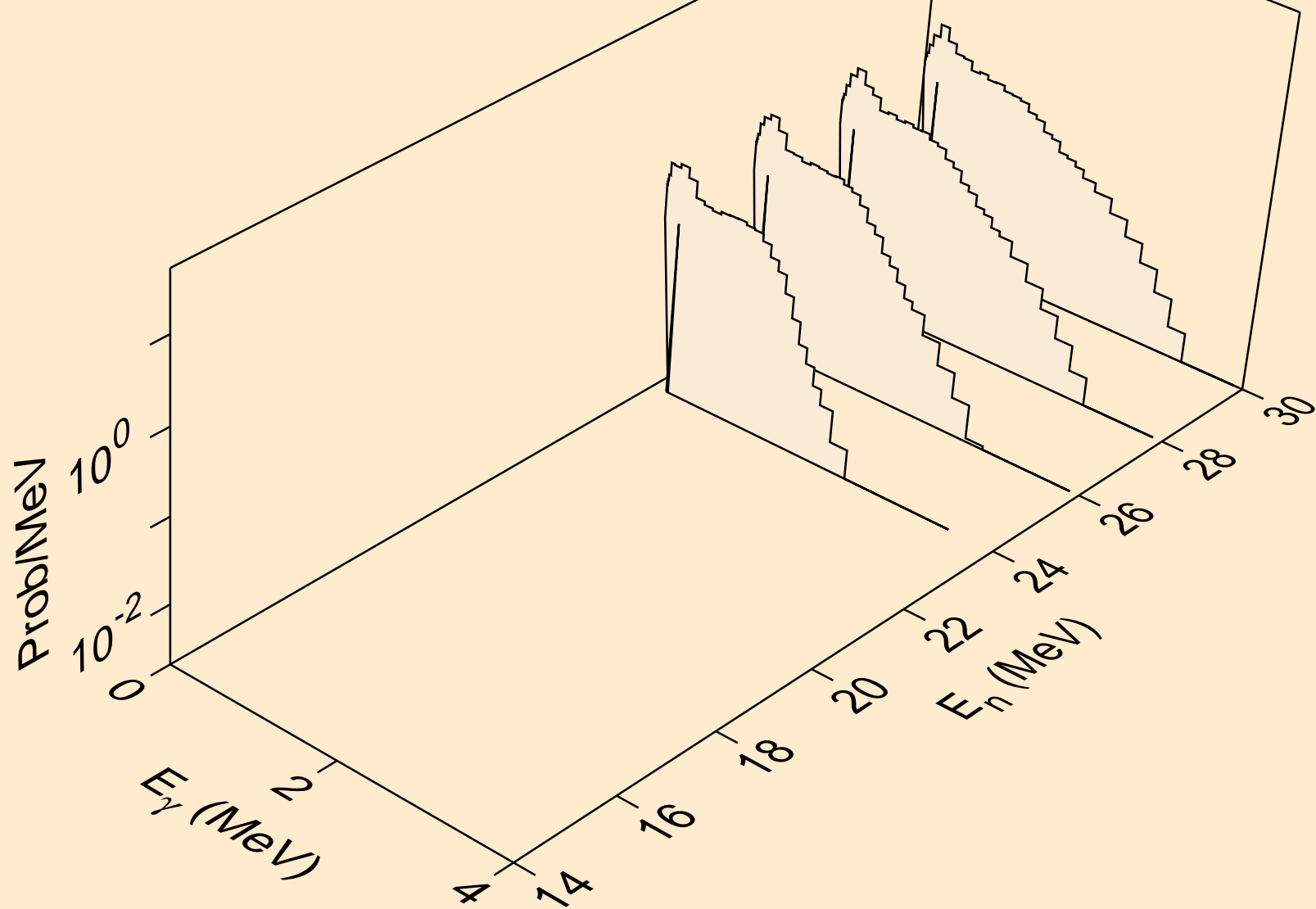




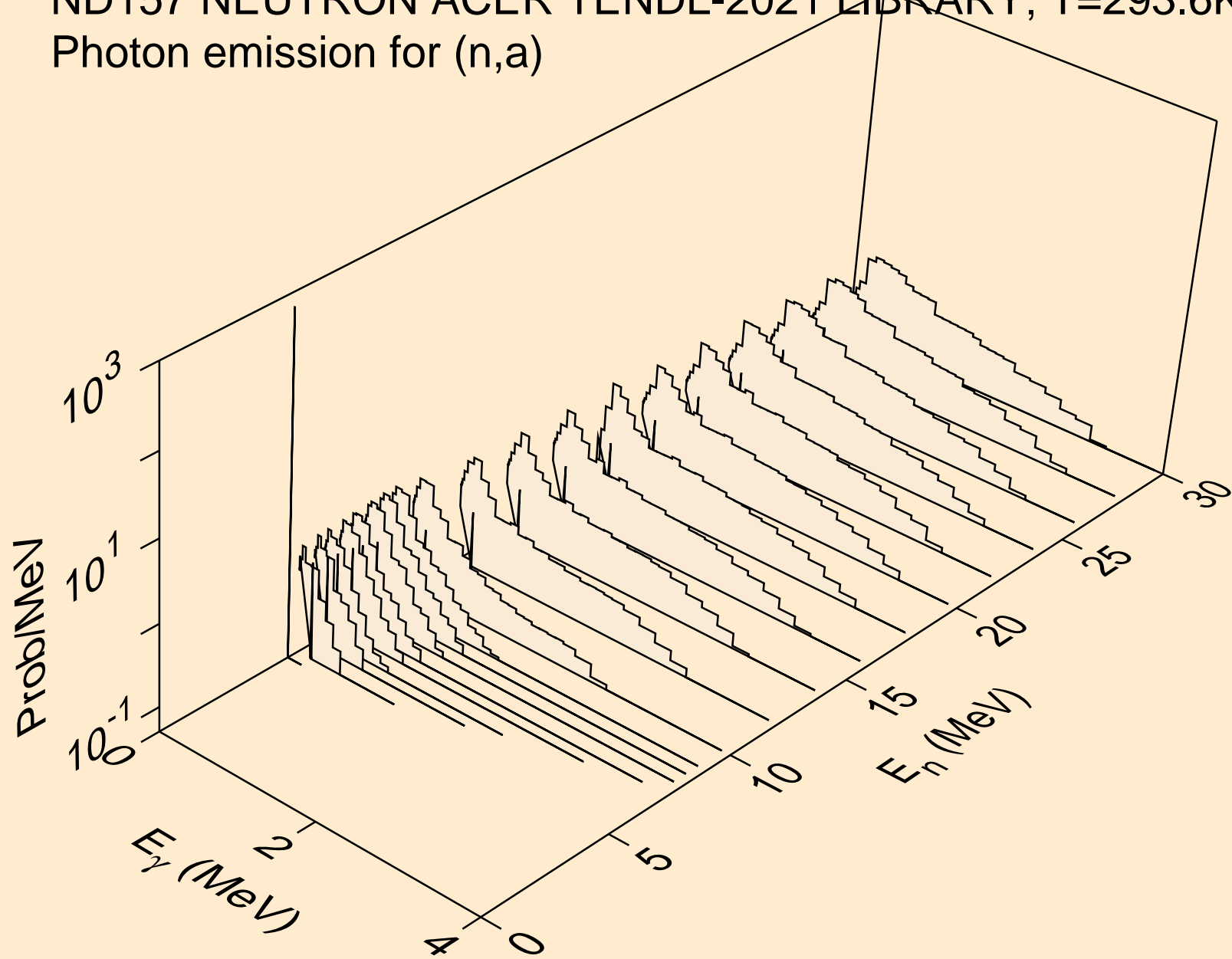
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



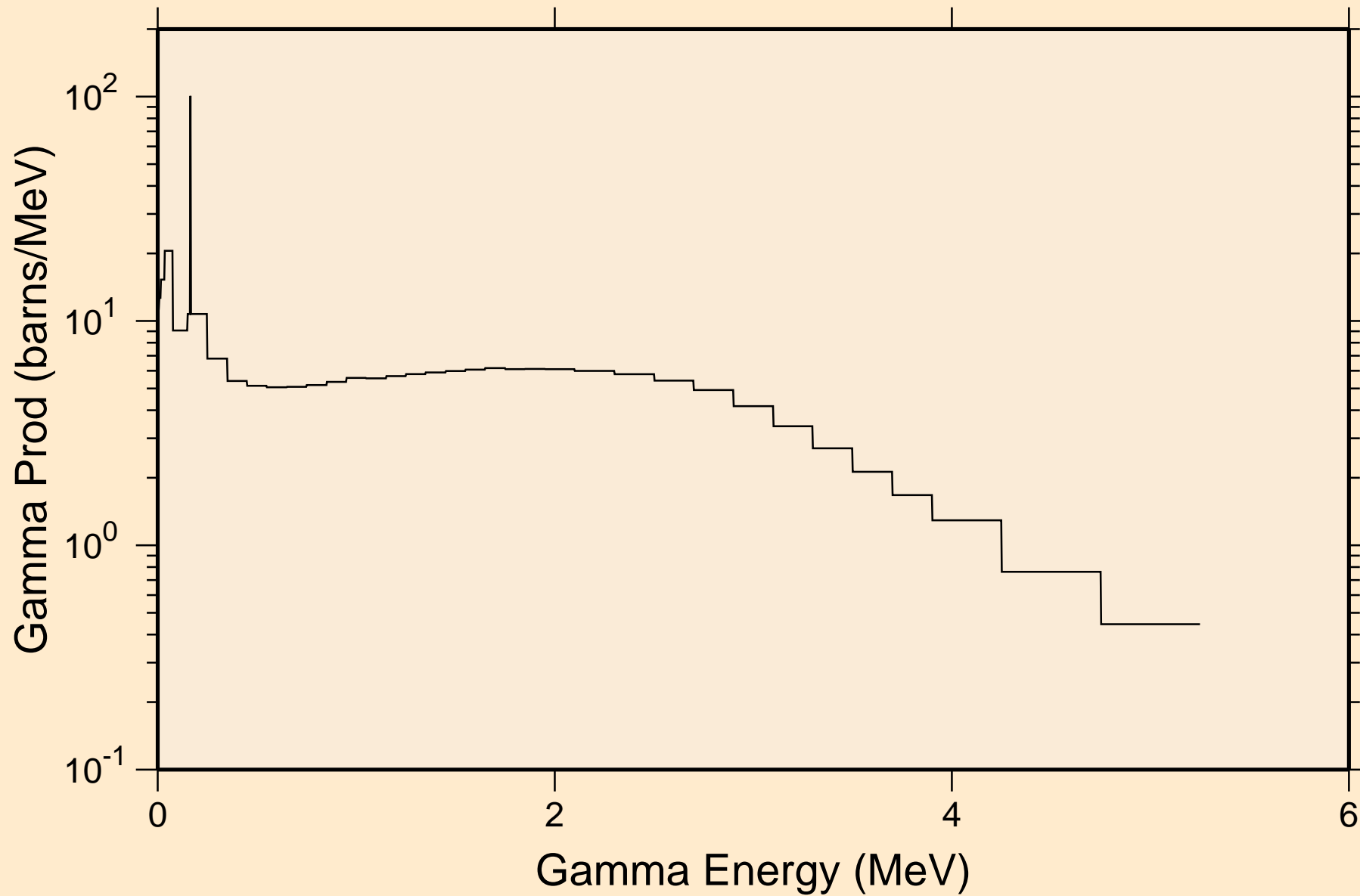
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



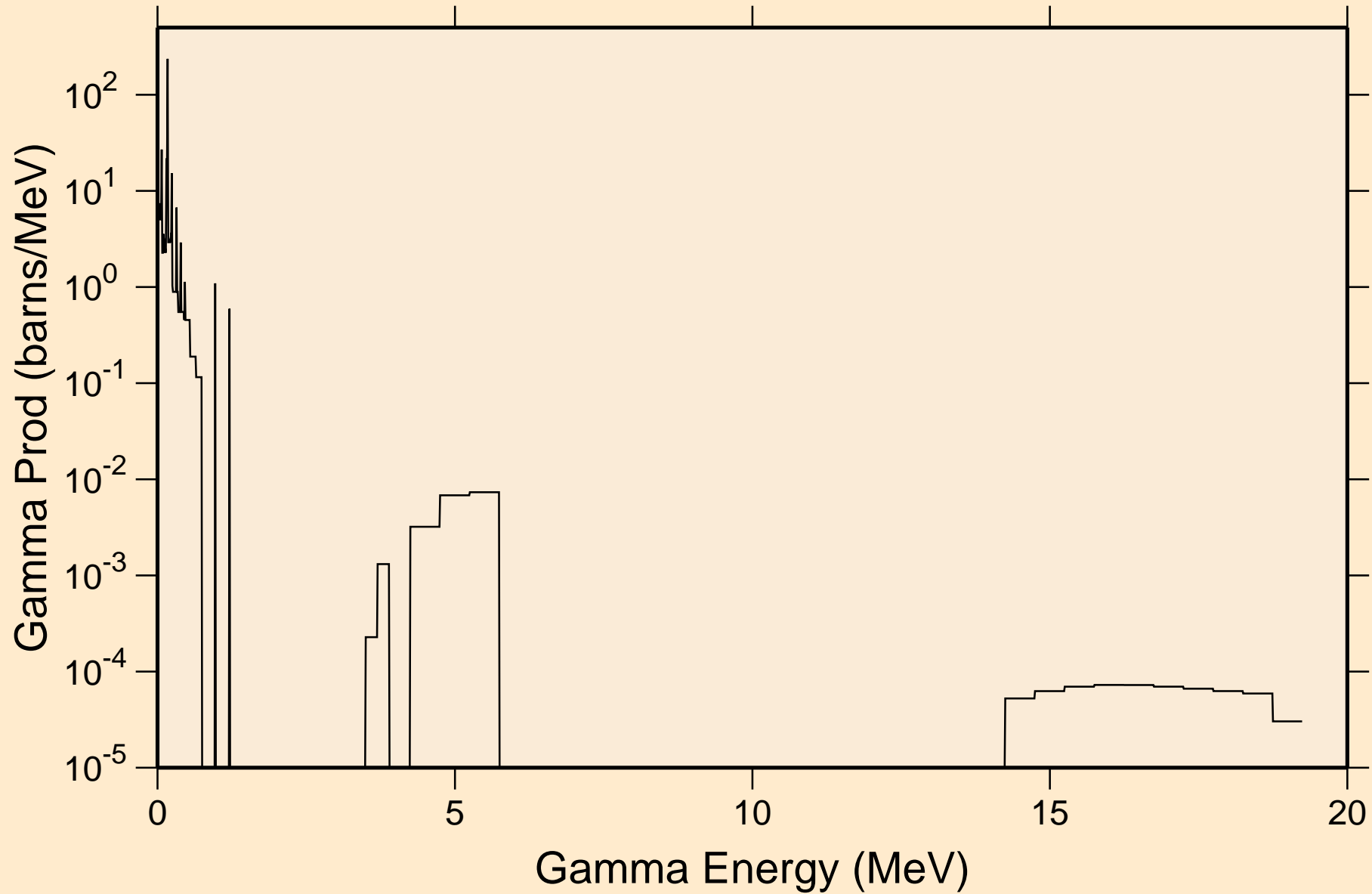
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

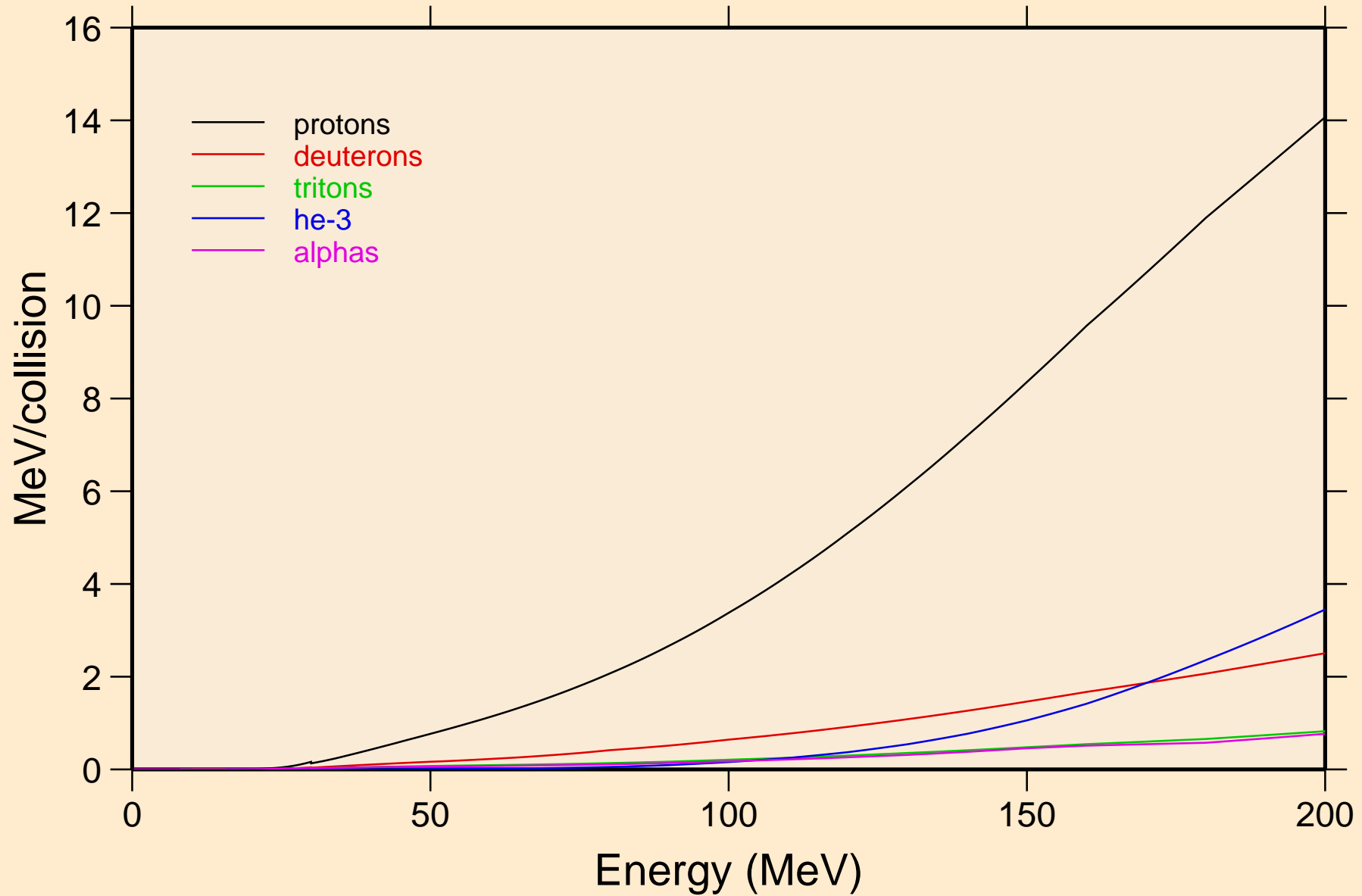


ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

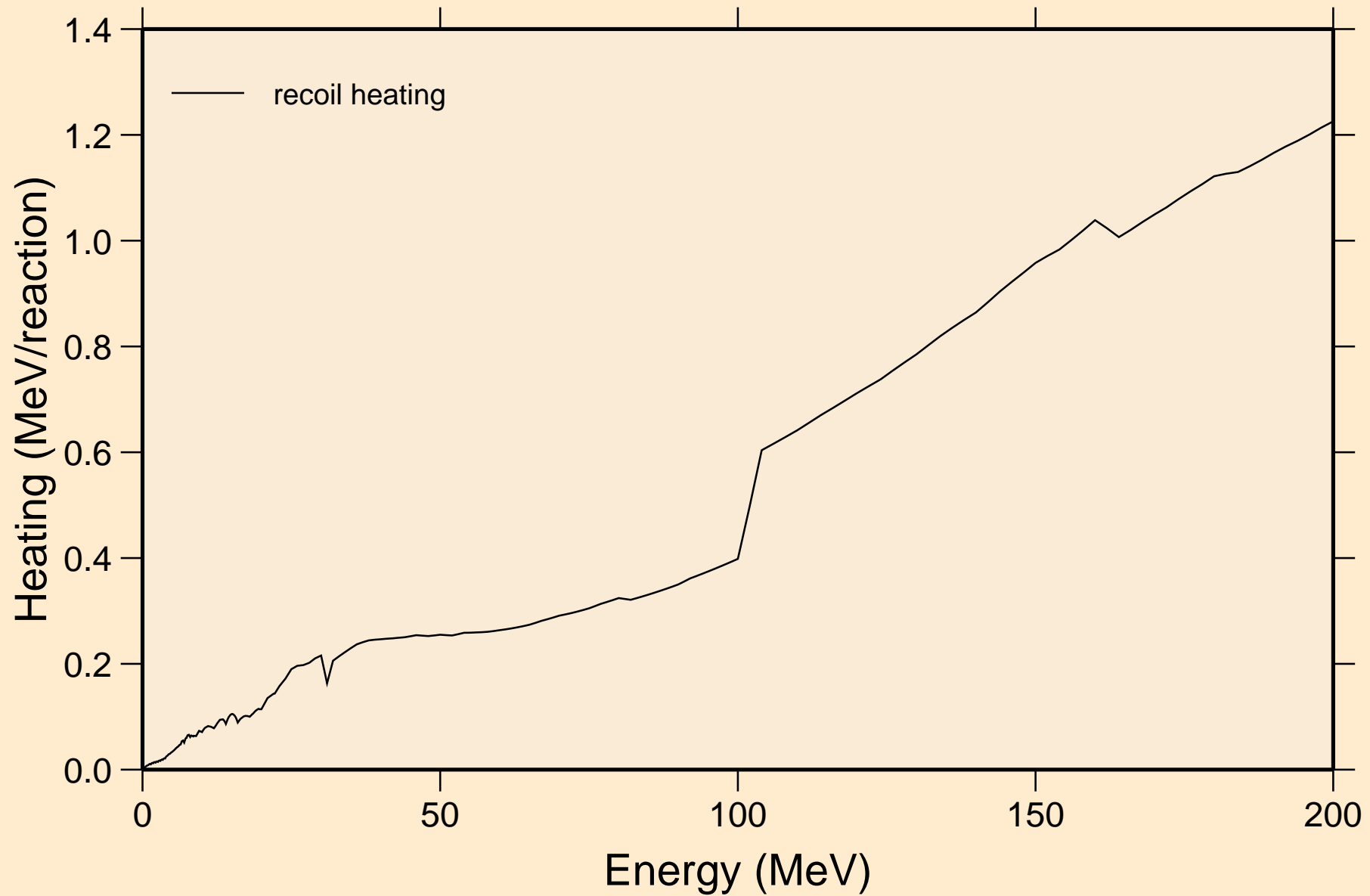


# ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

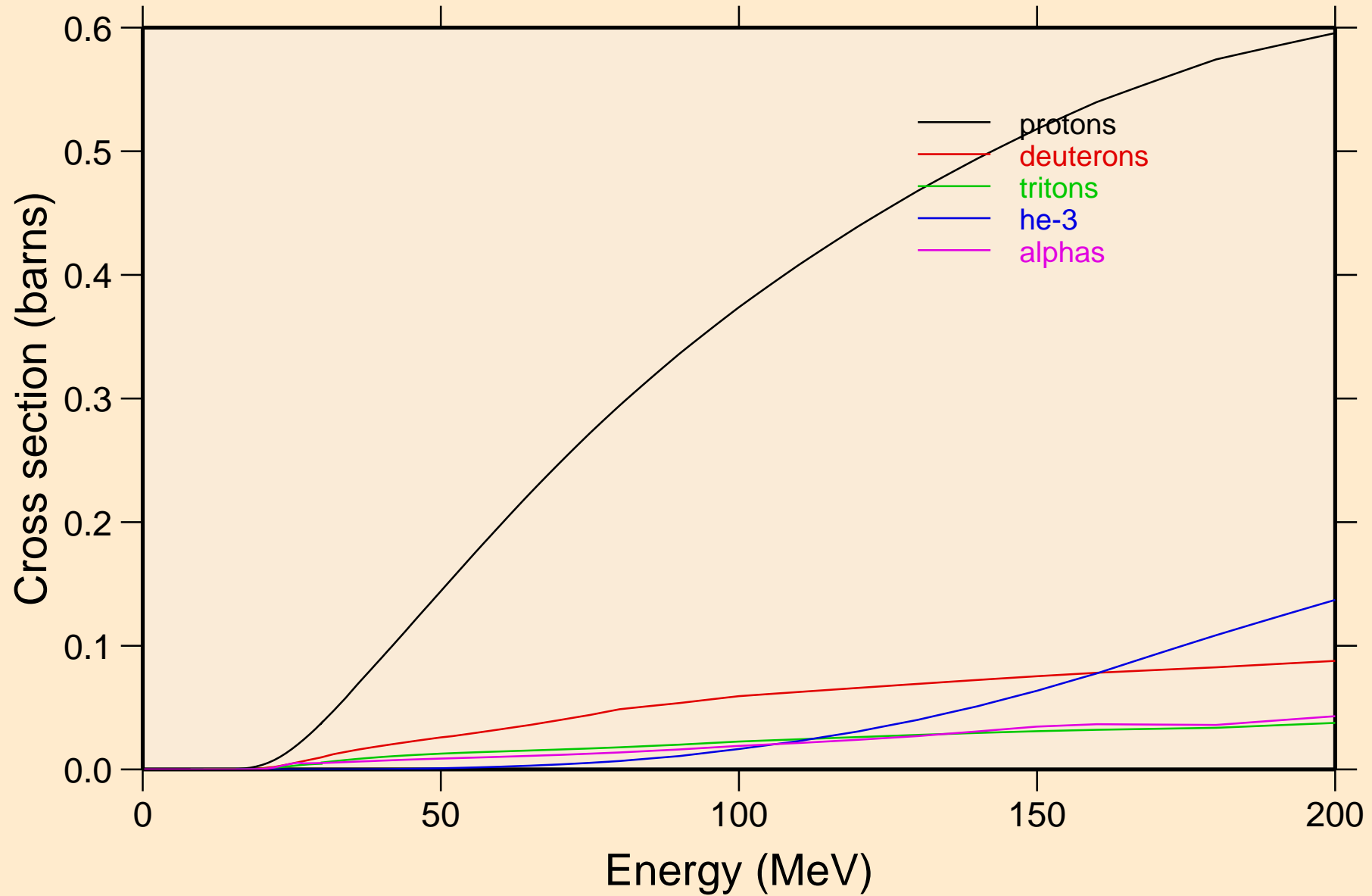


ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



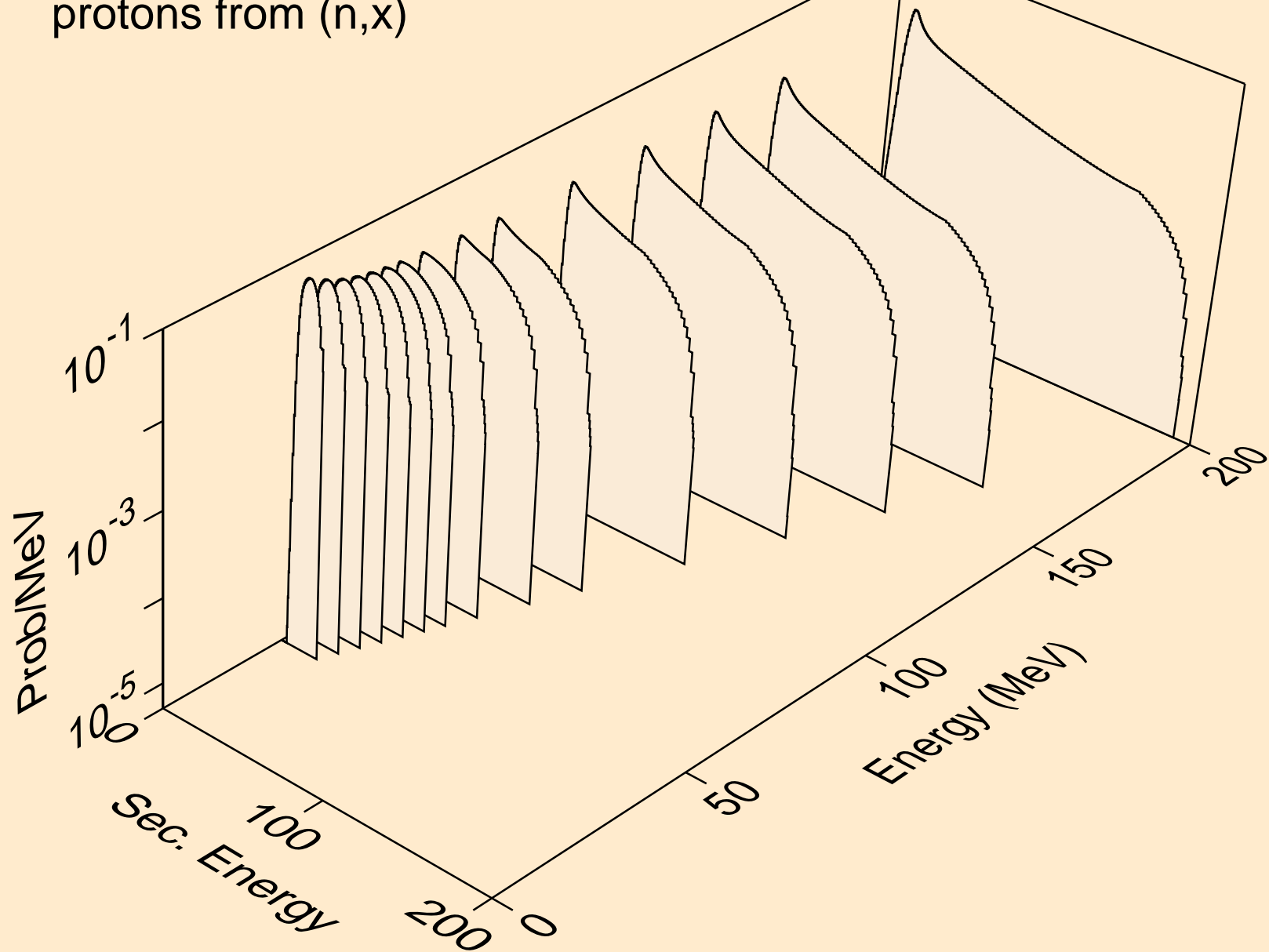
# ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle production cross sections

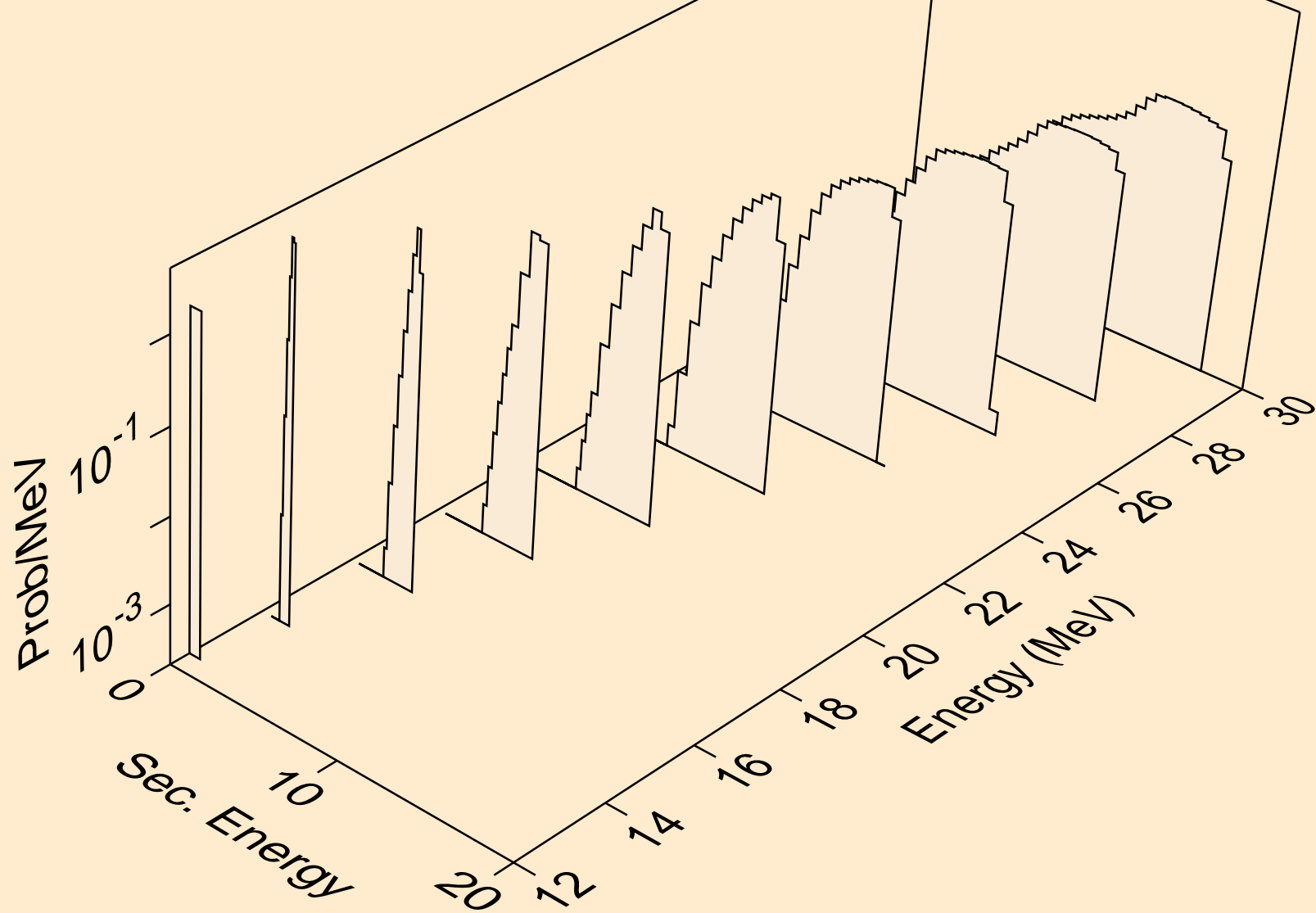




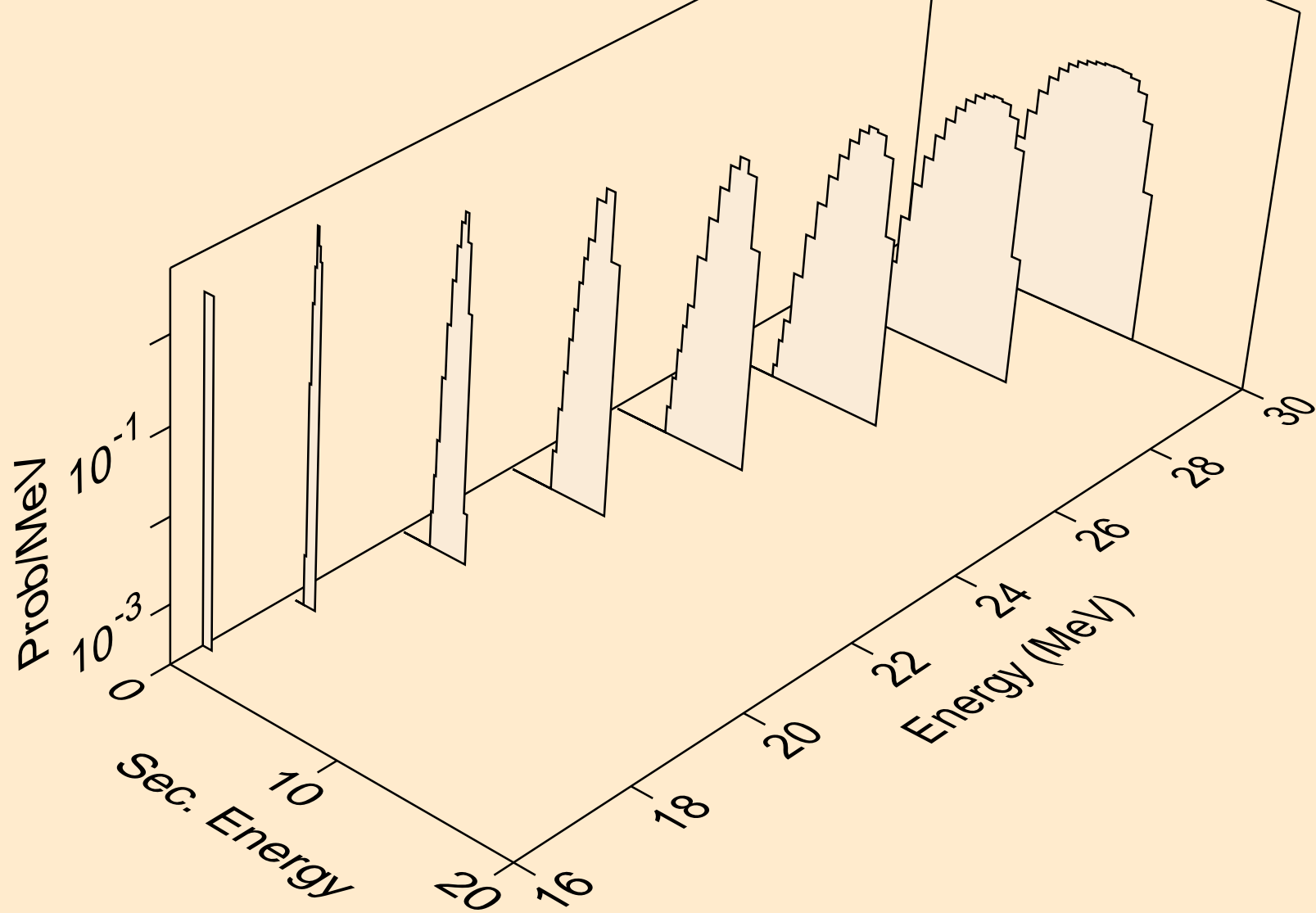
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



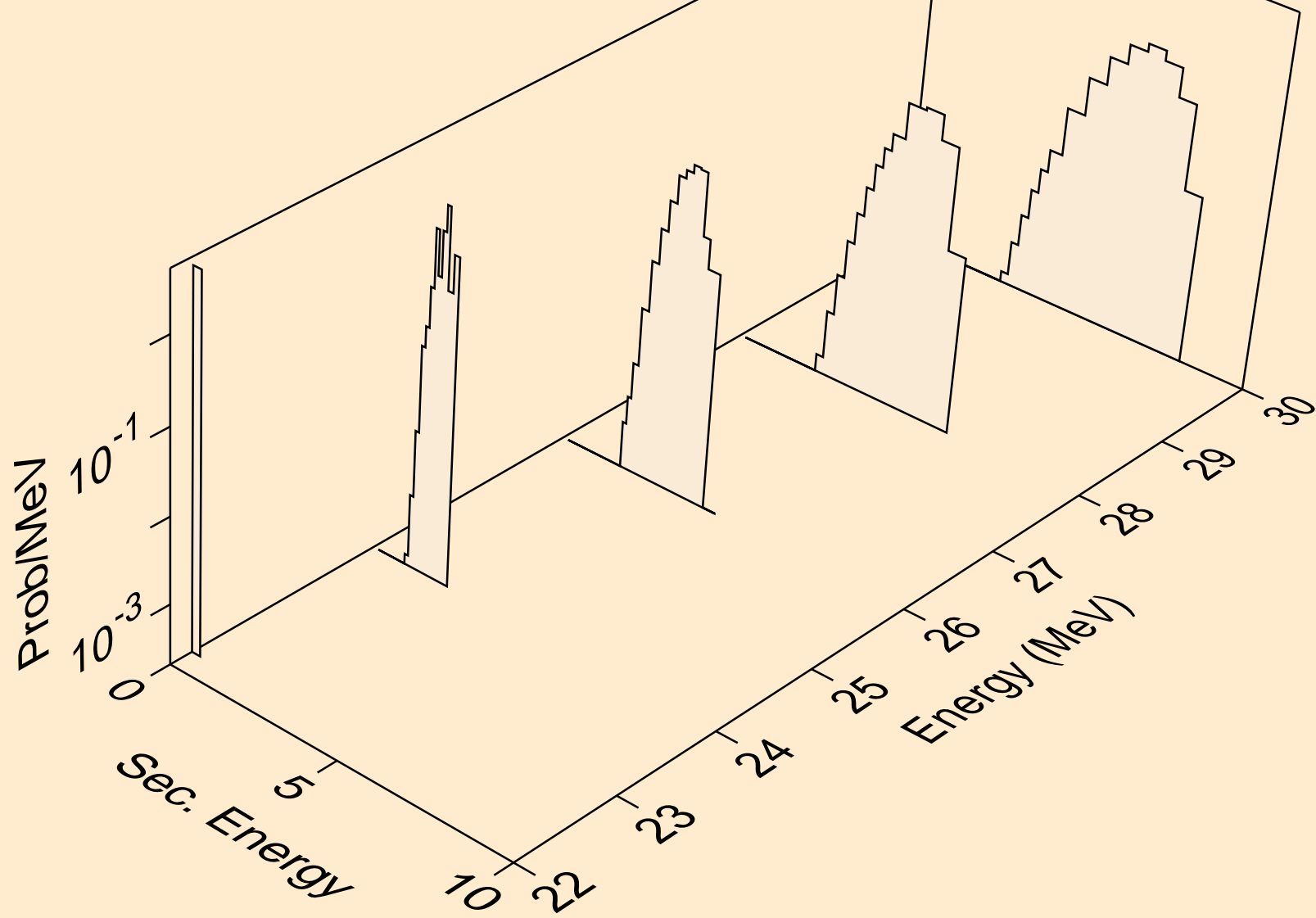
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



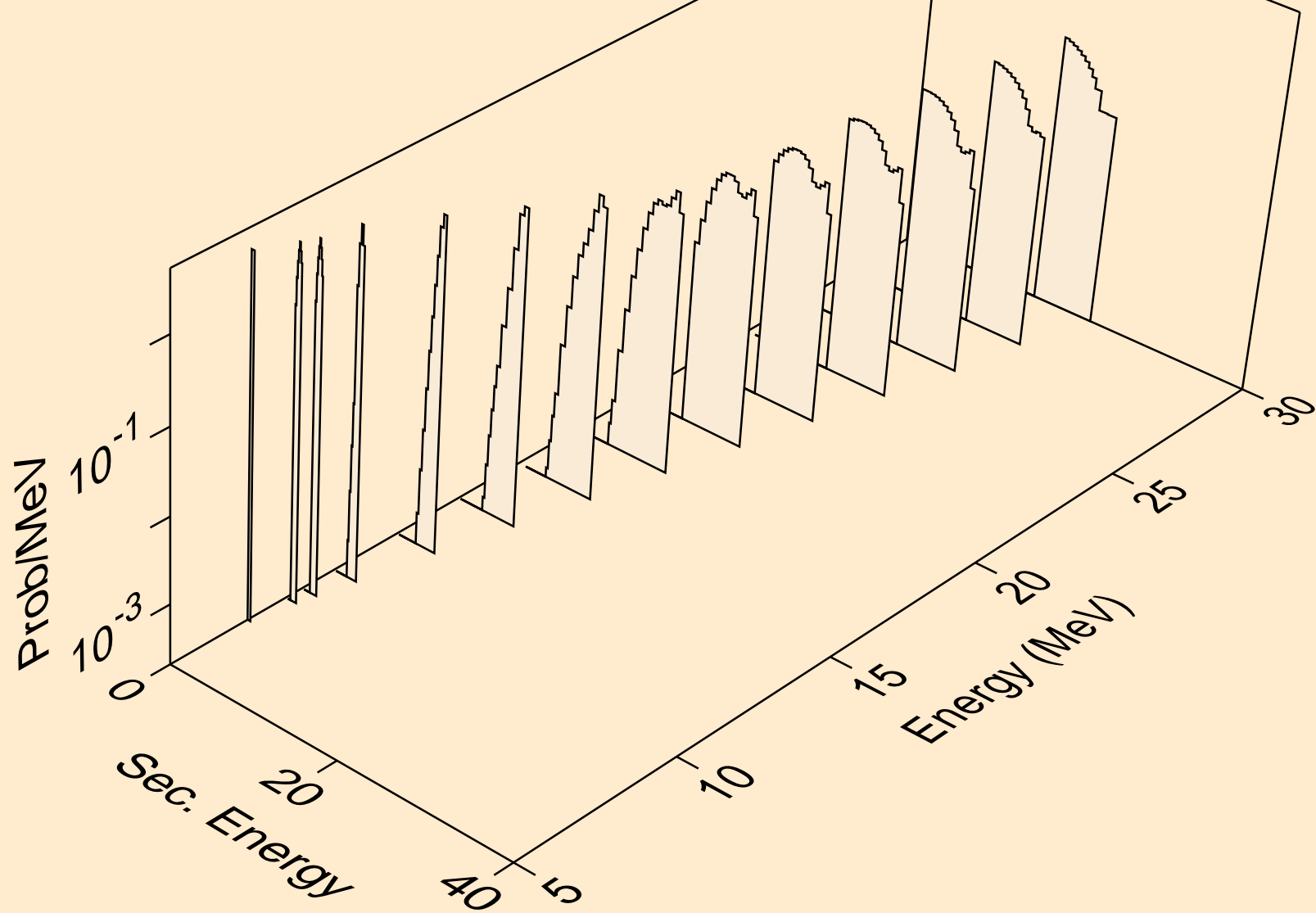
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



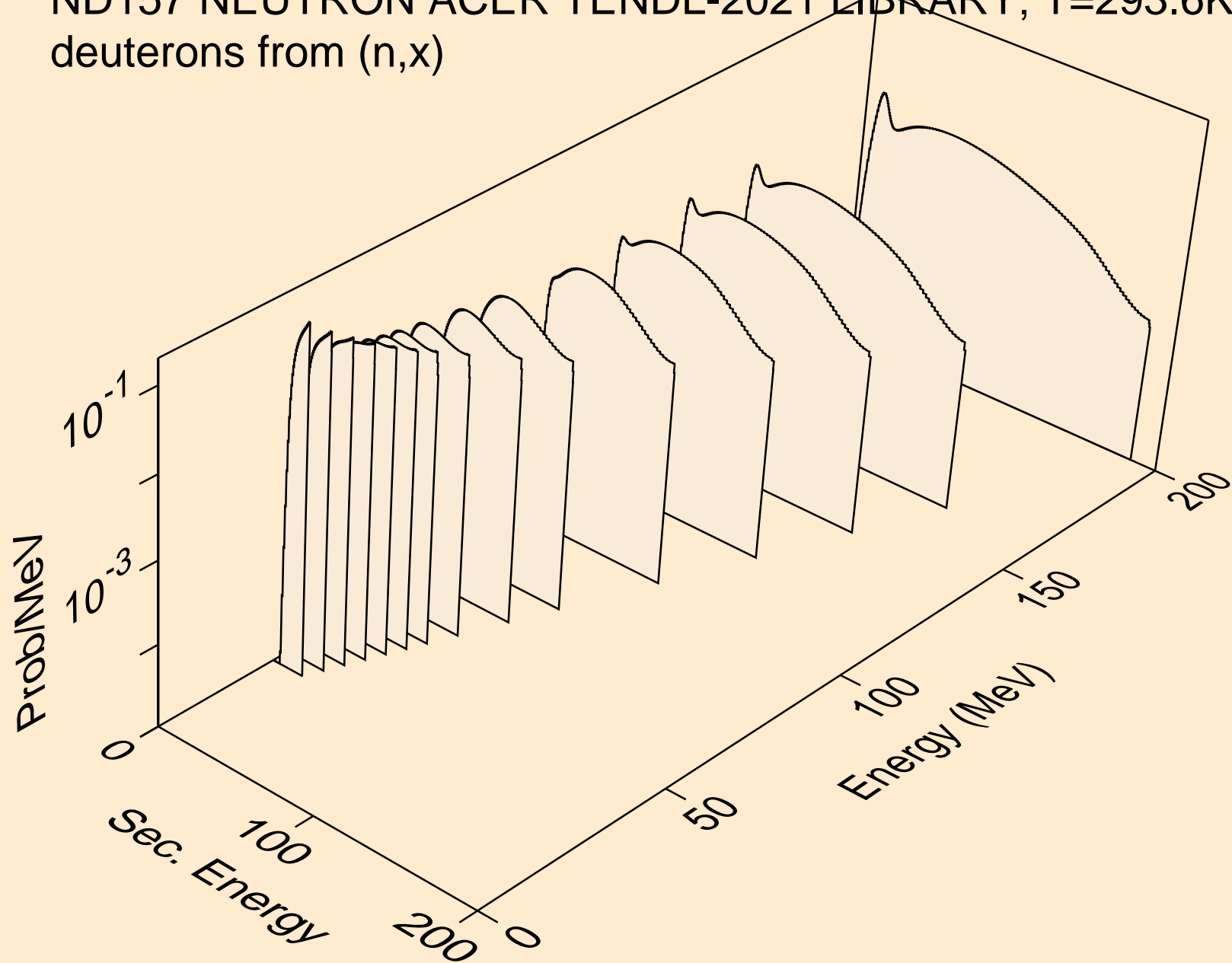
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



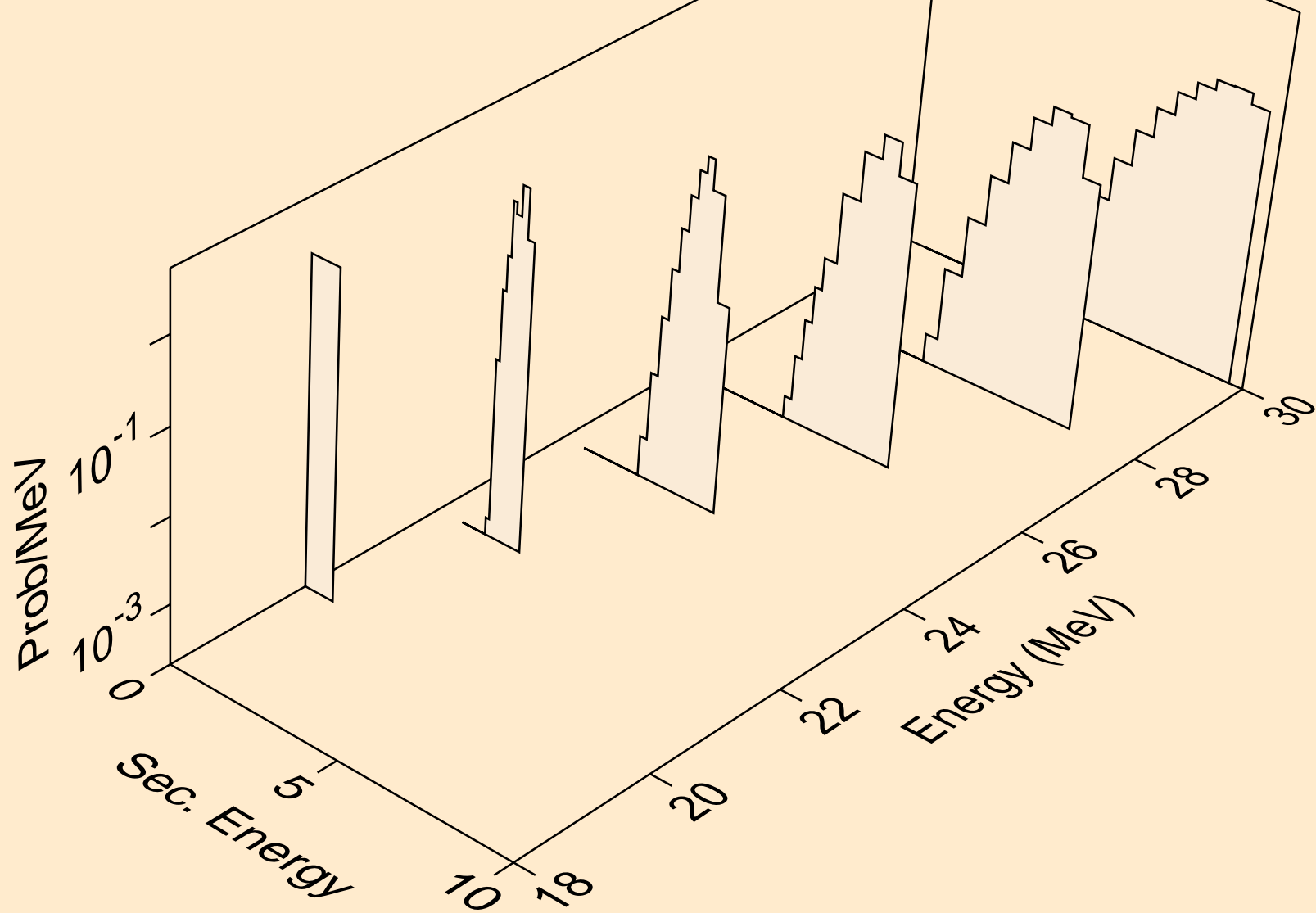
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



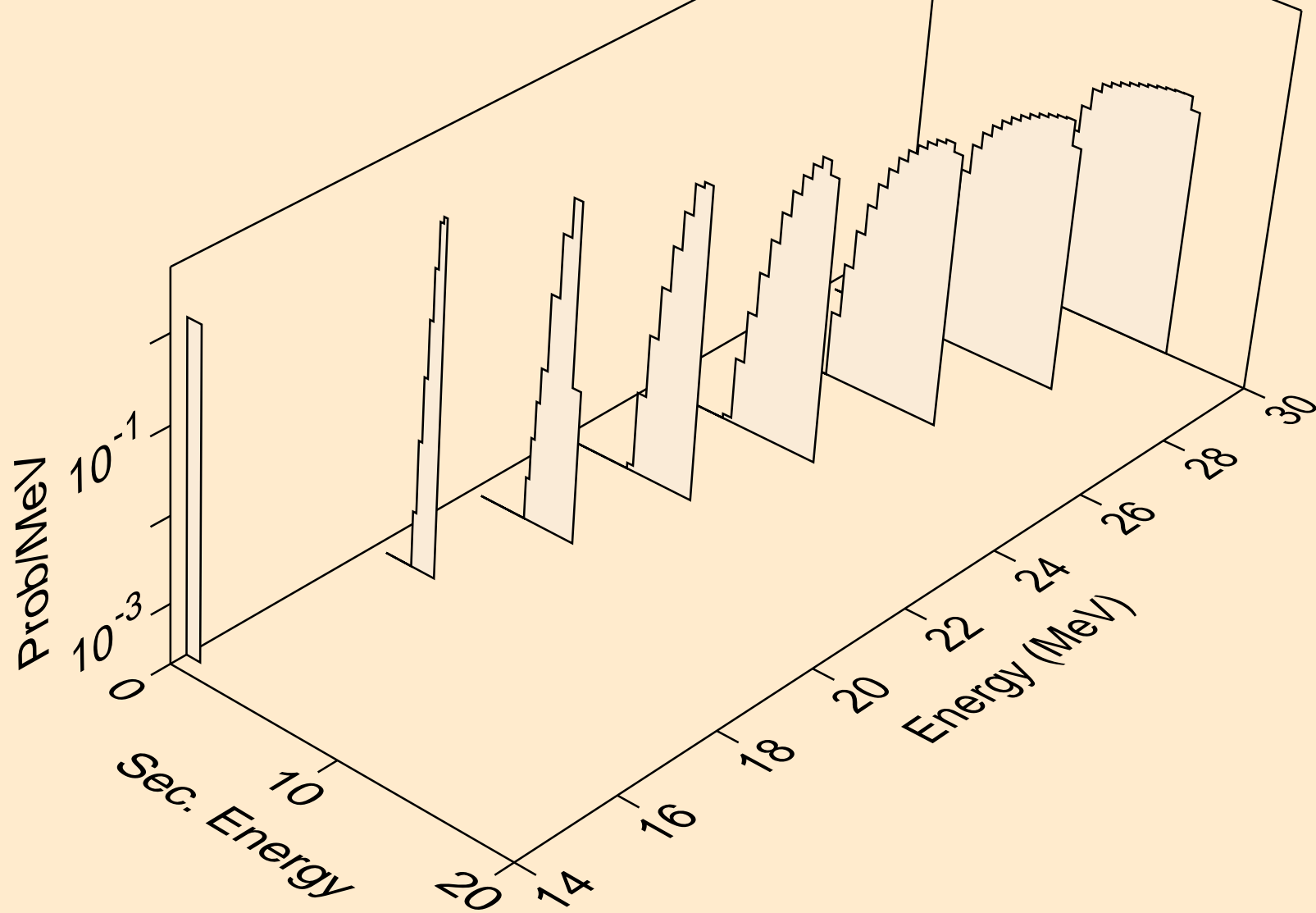
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)

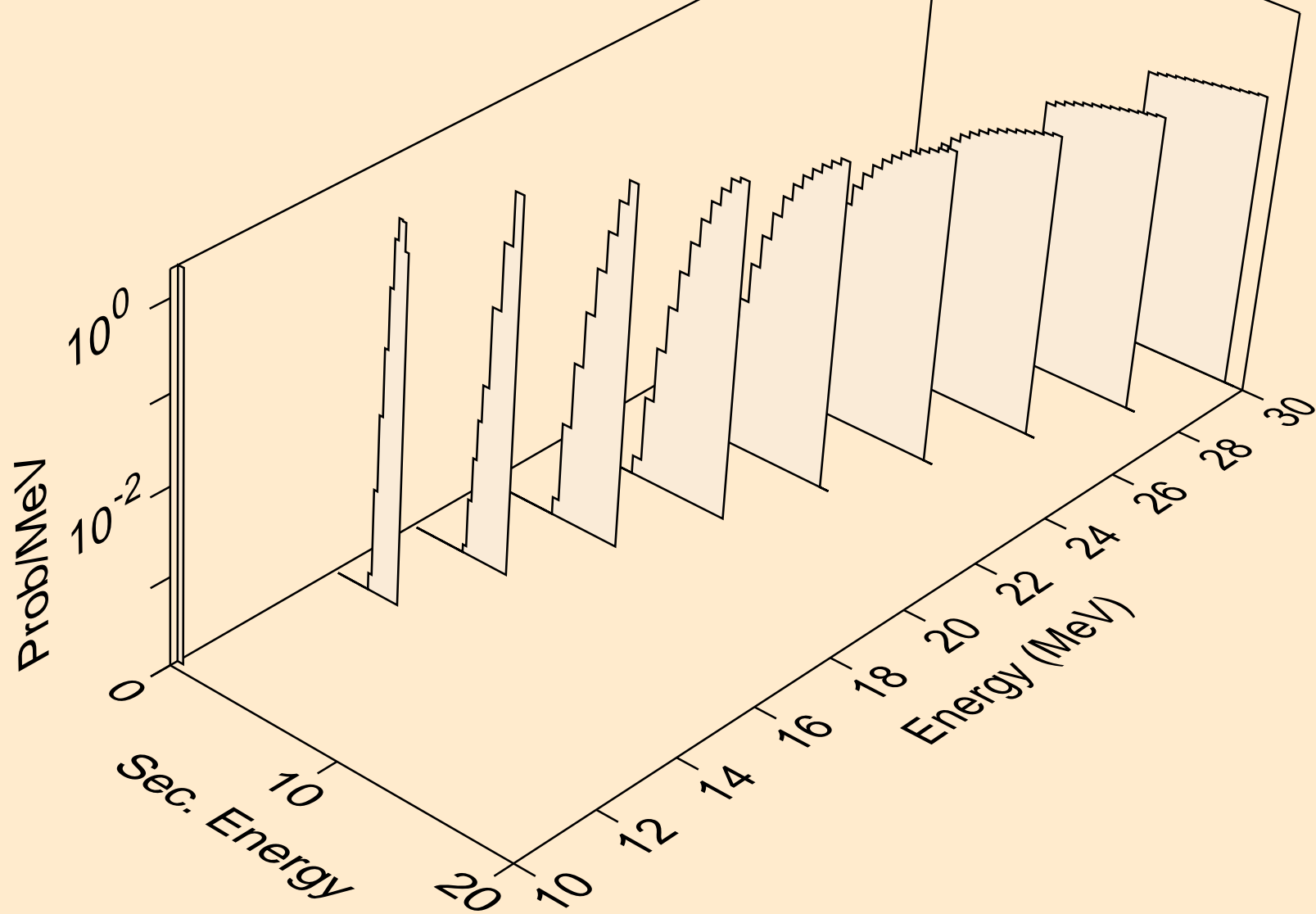


ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

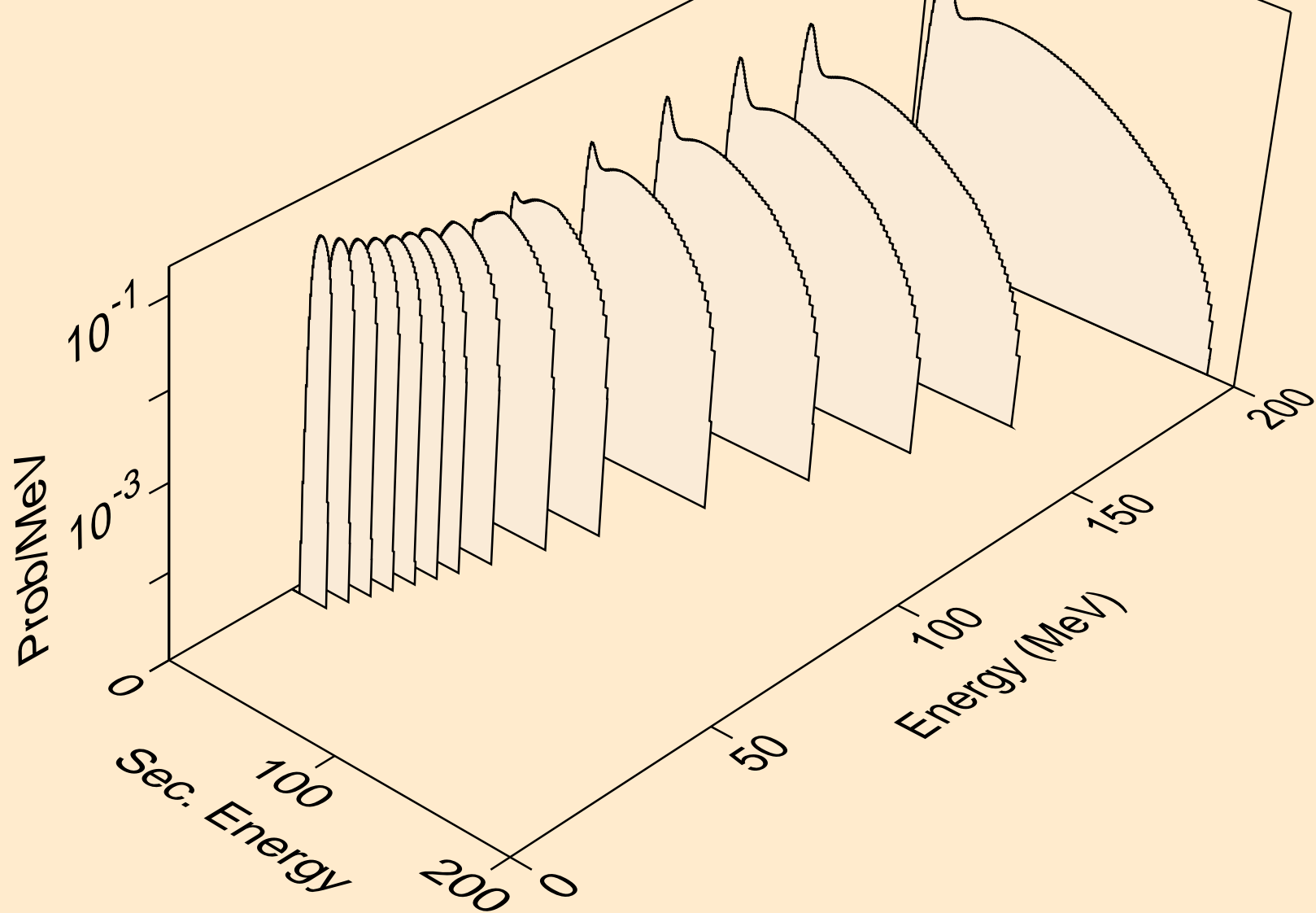




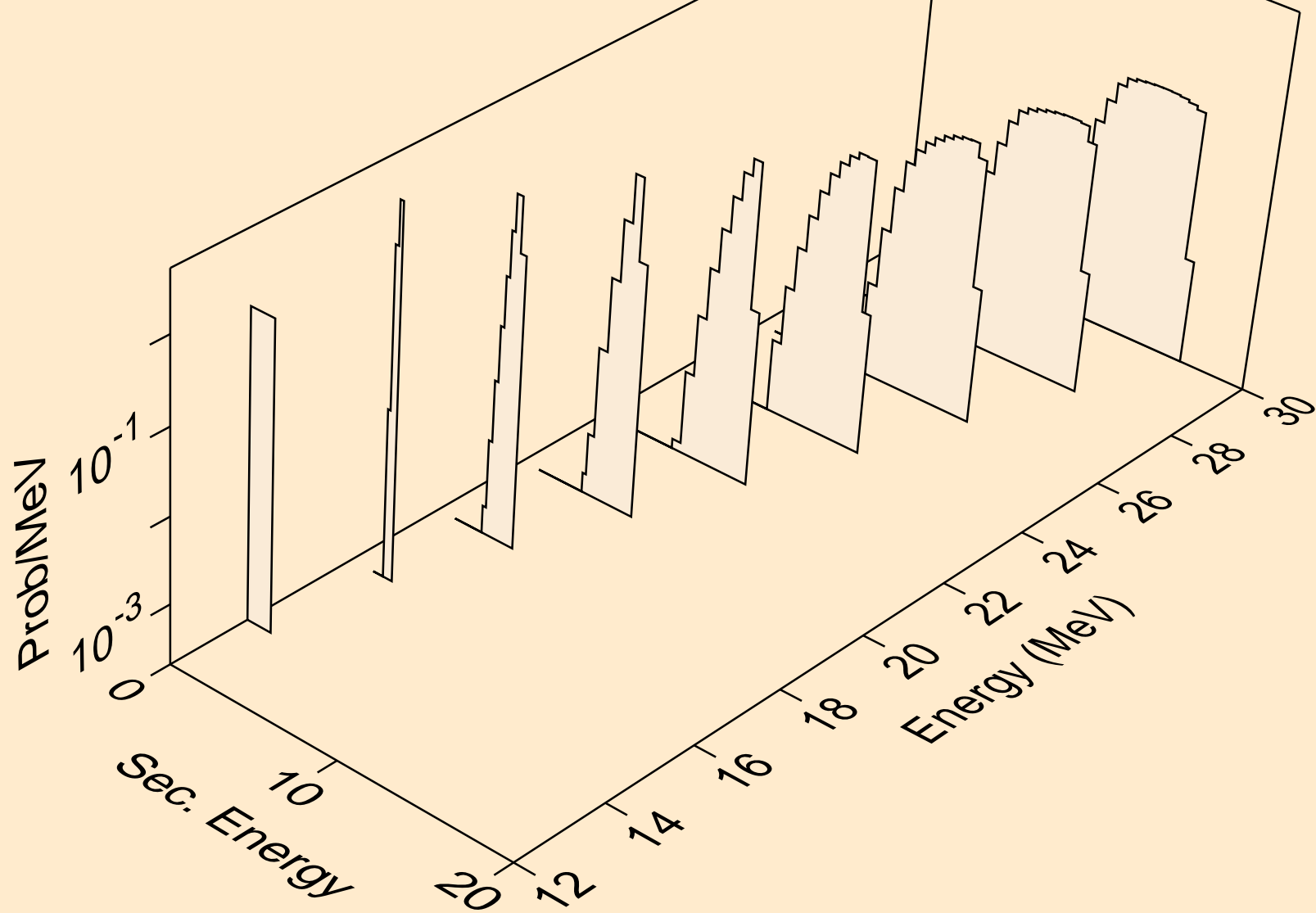
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



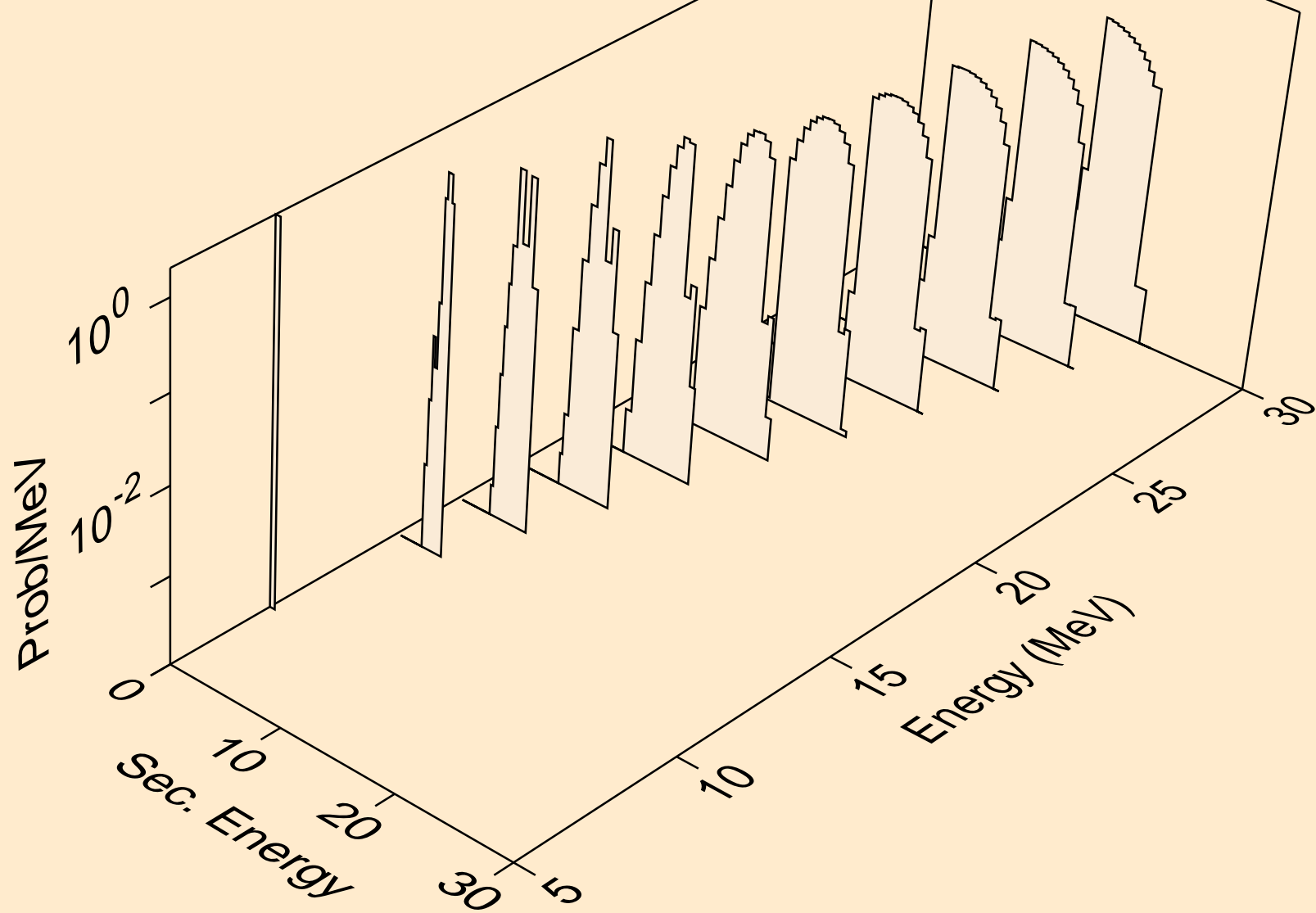
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



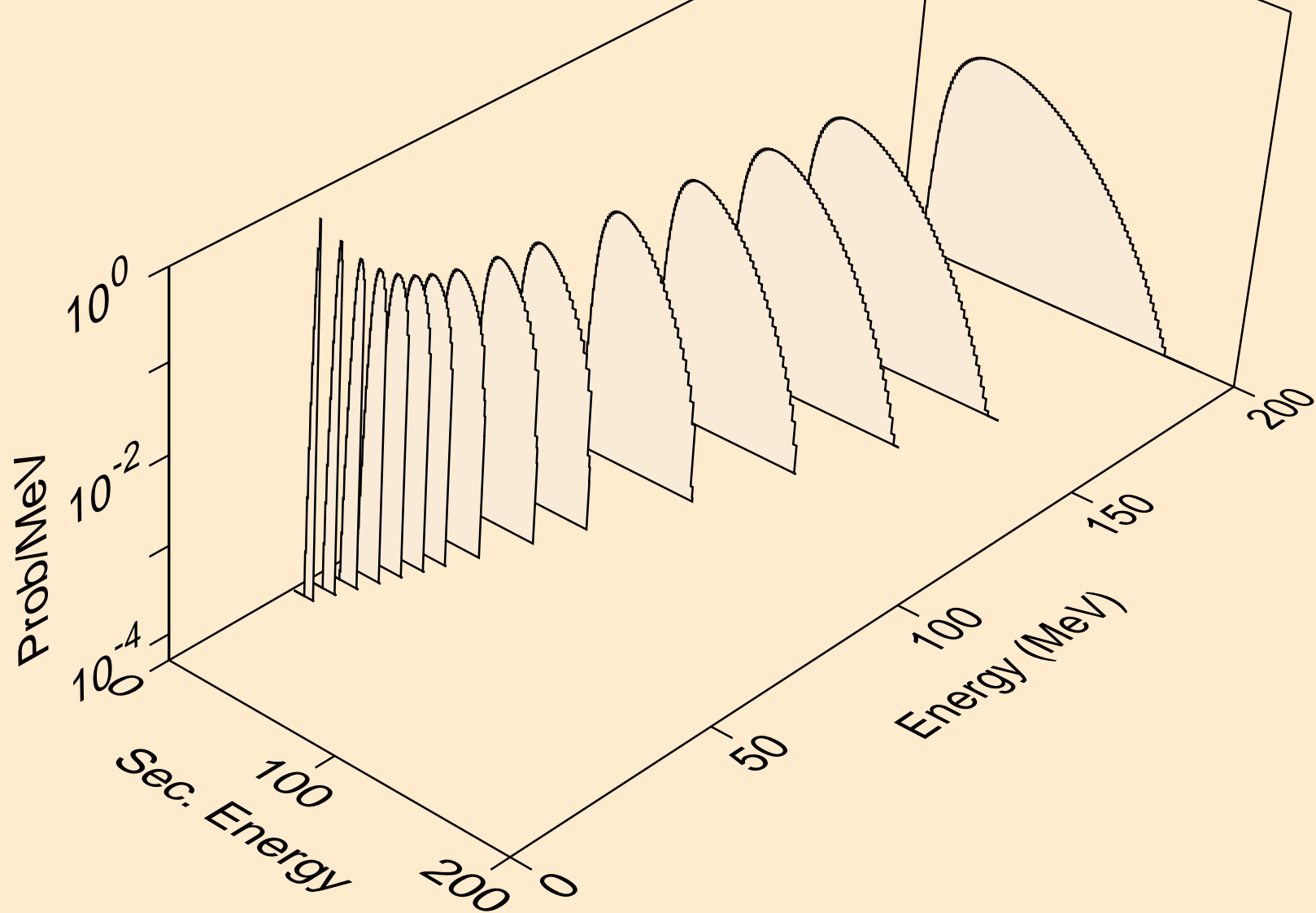
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



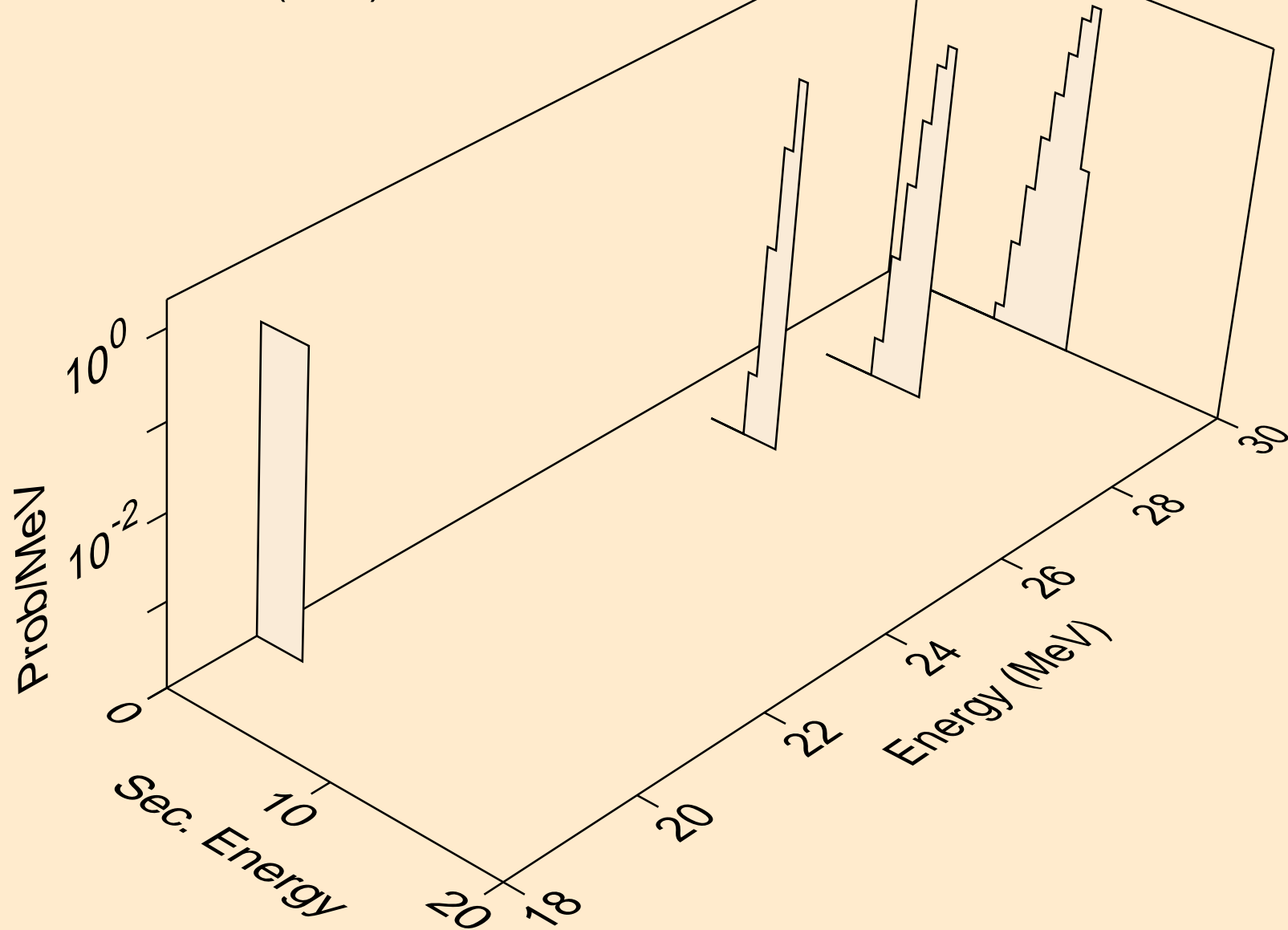
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



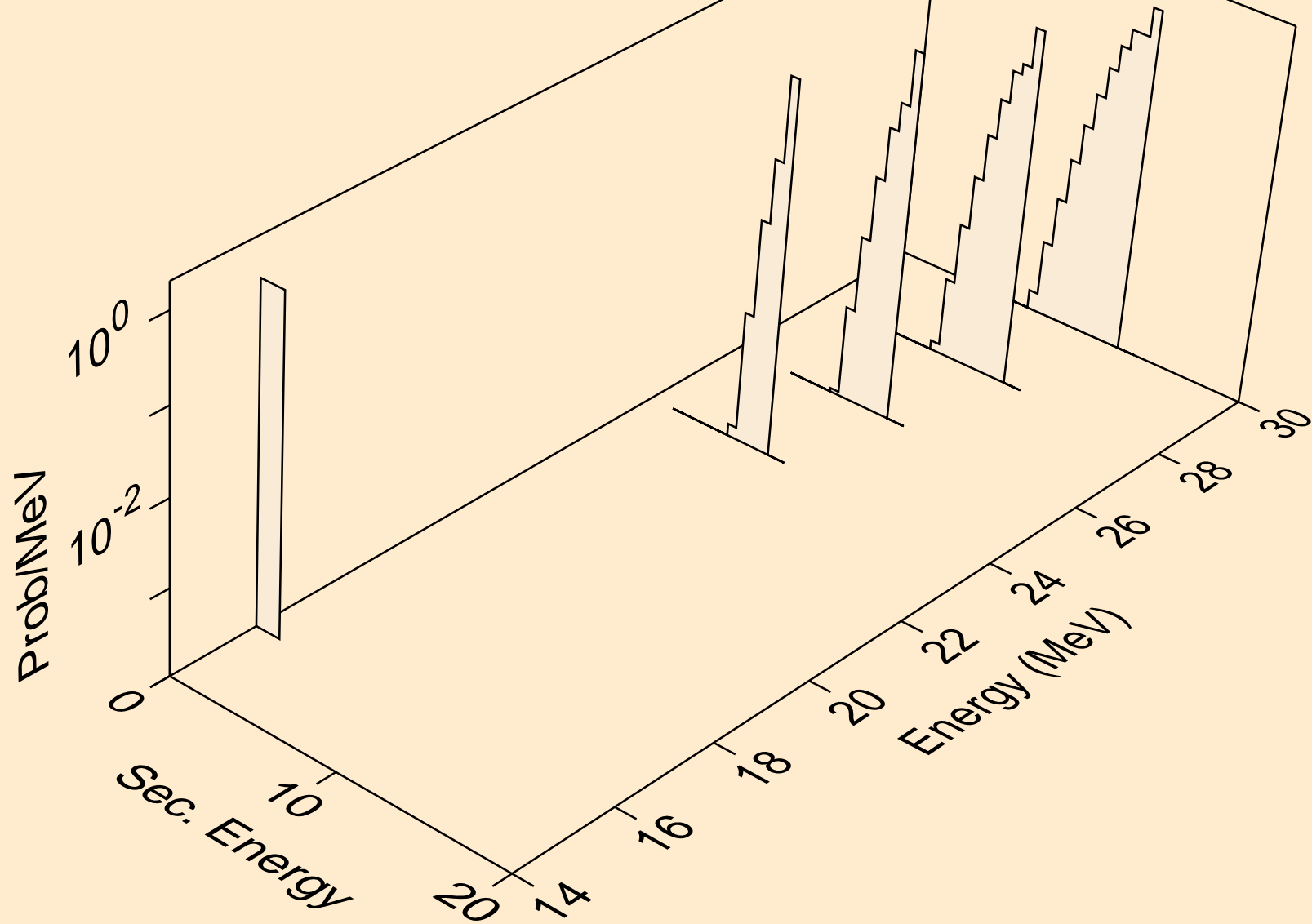
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



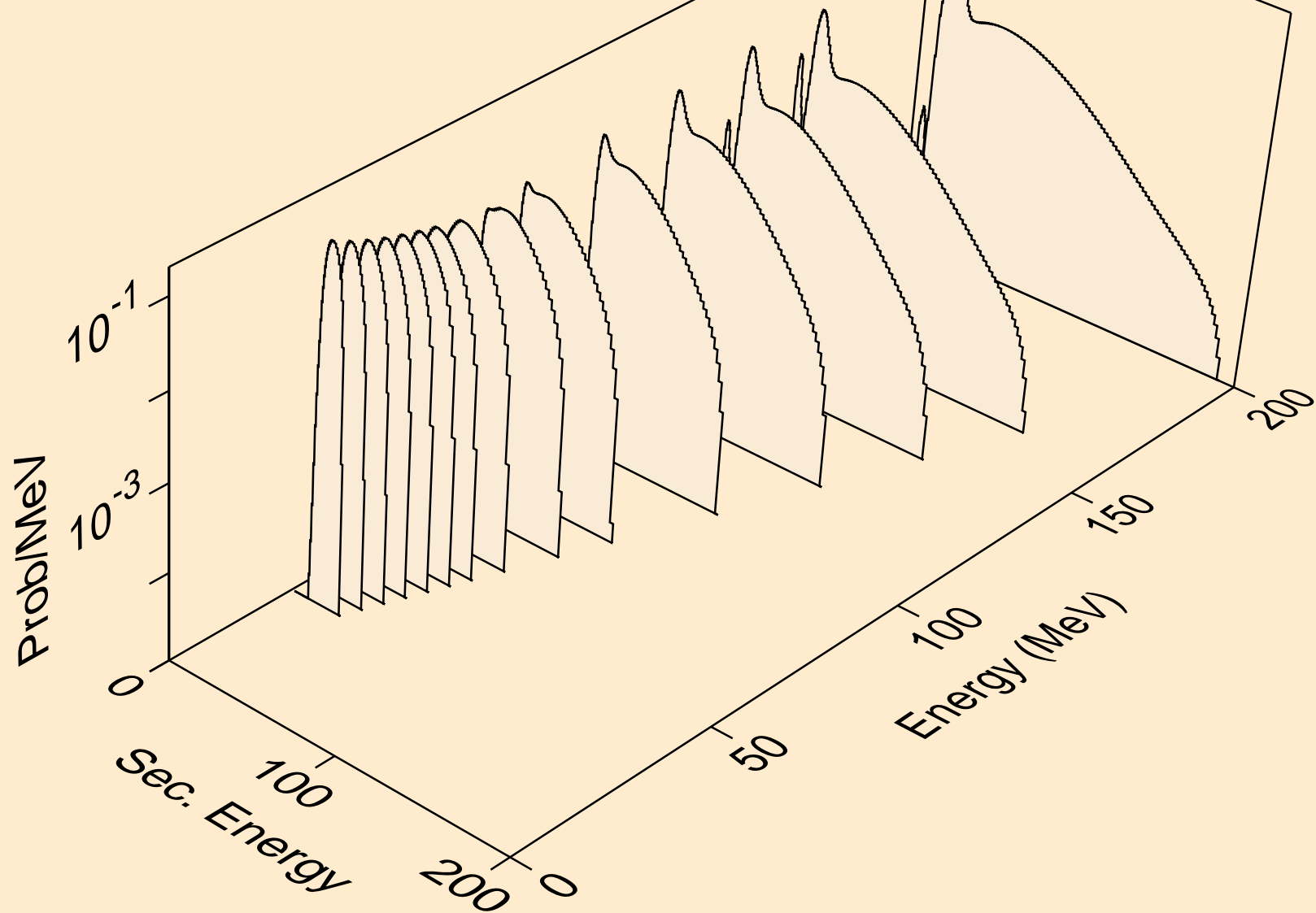
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

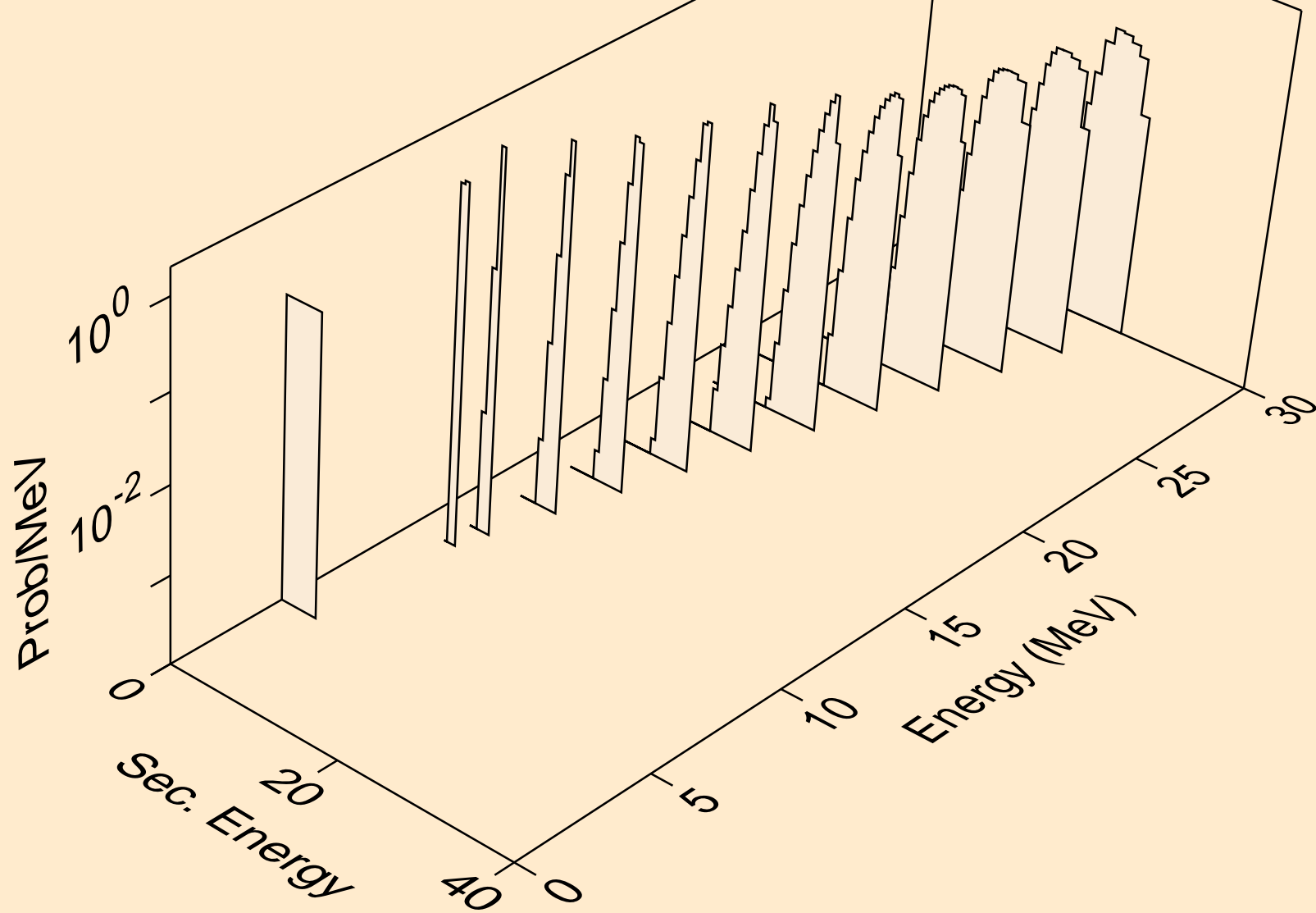


ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

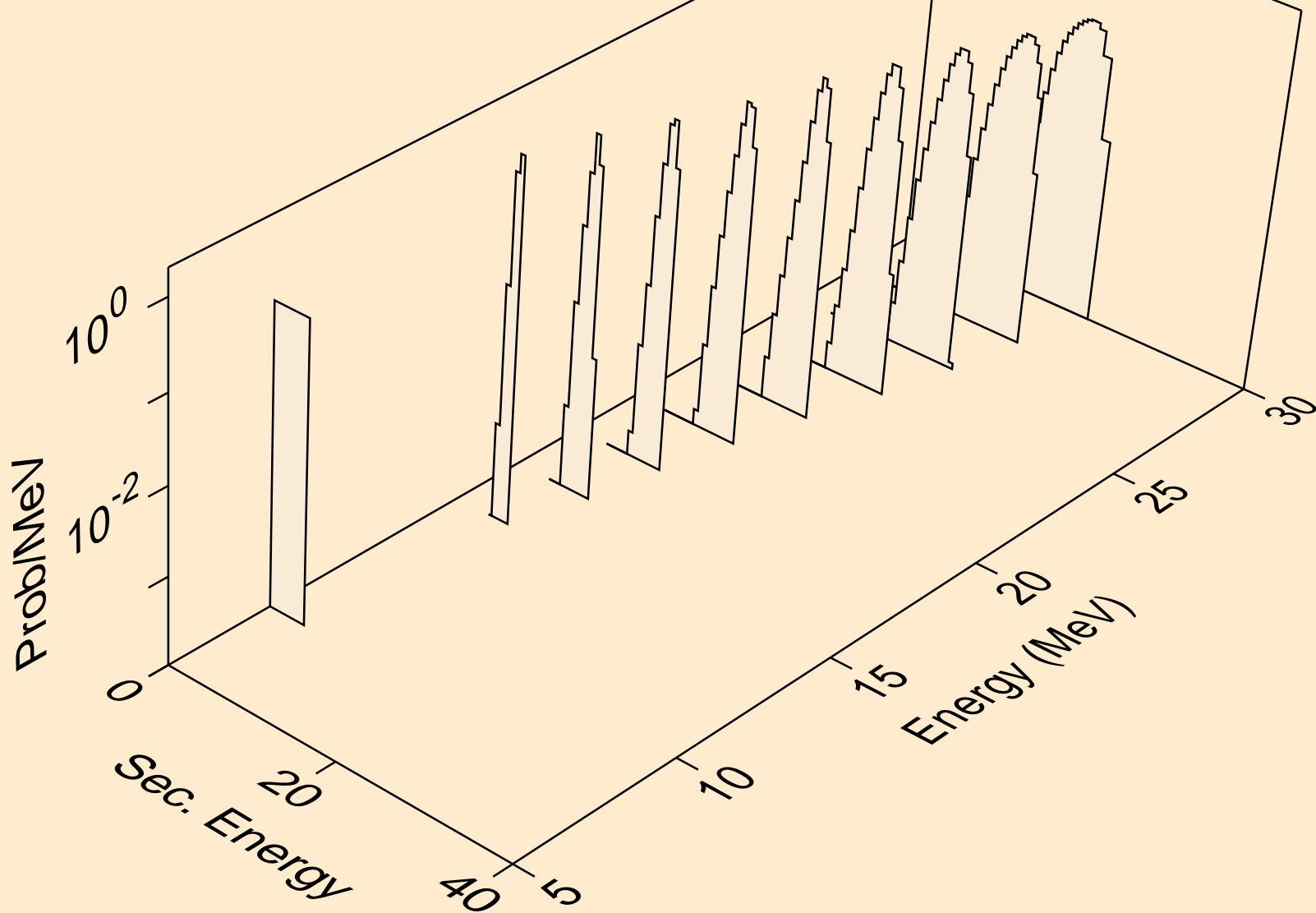




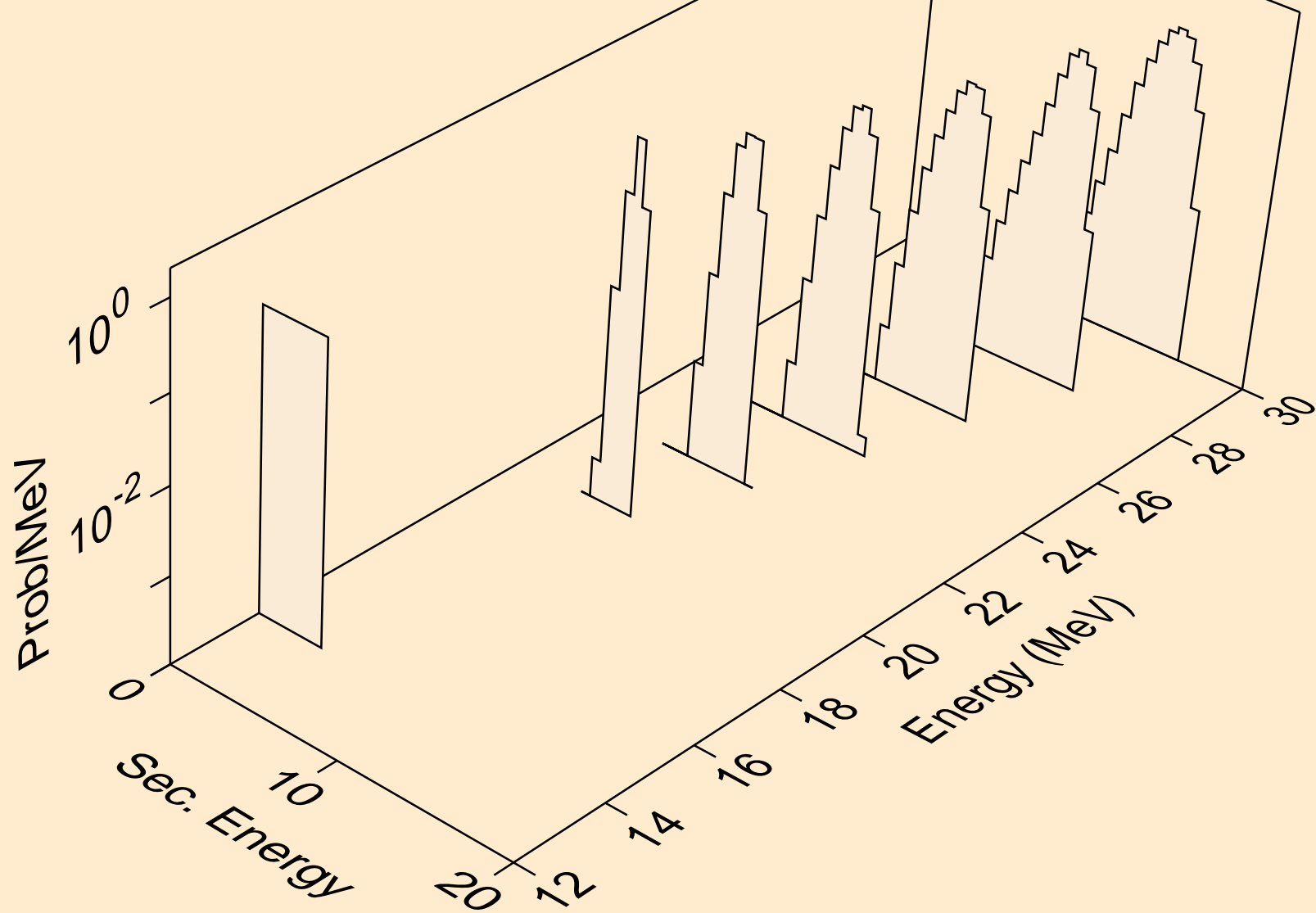
ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



ND157 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

