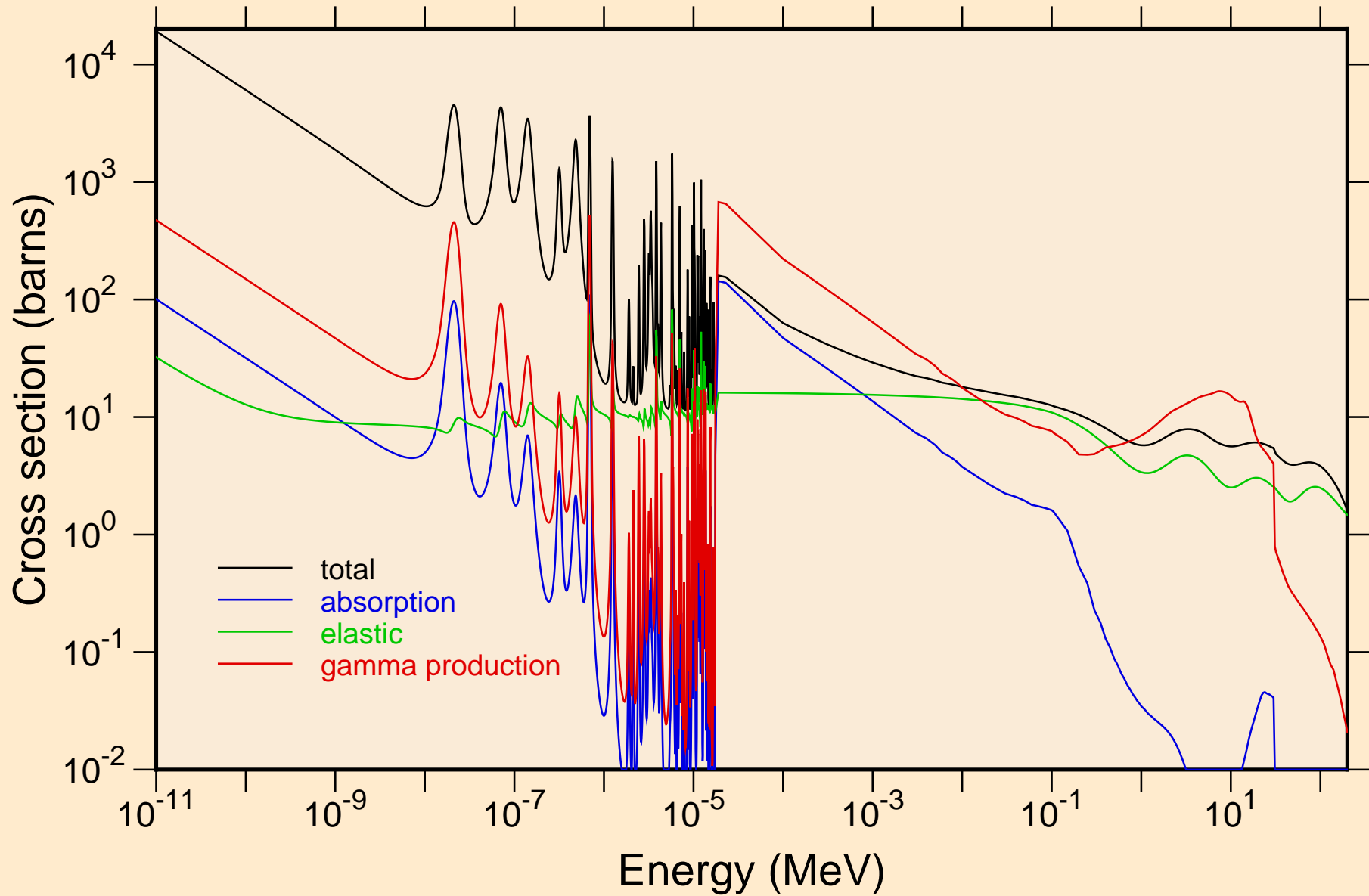
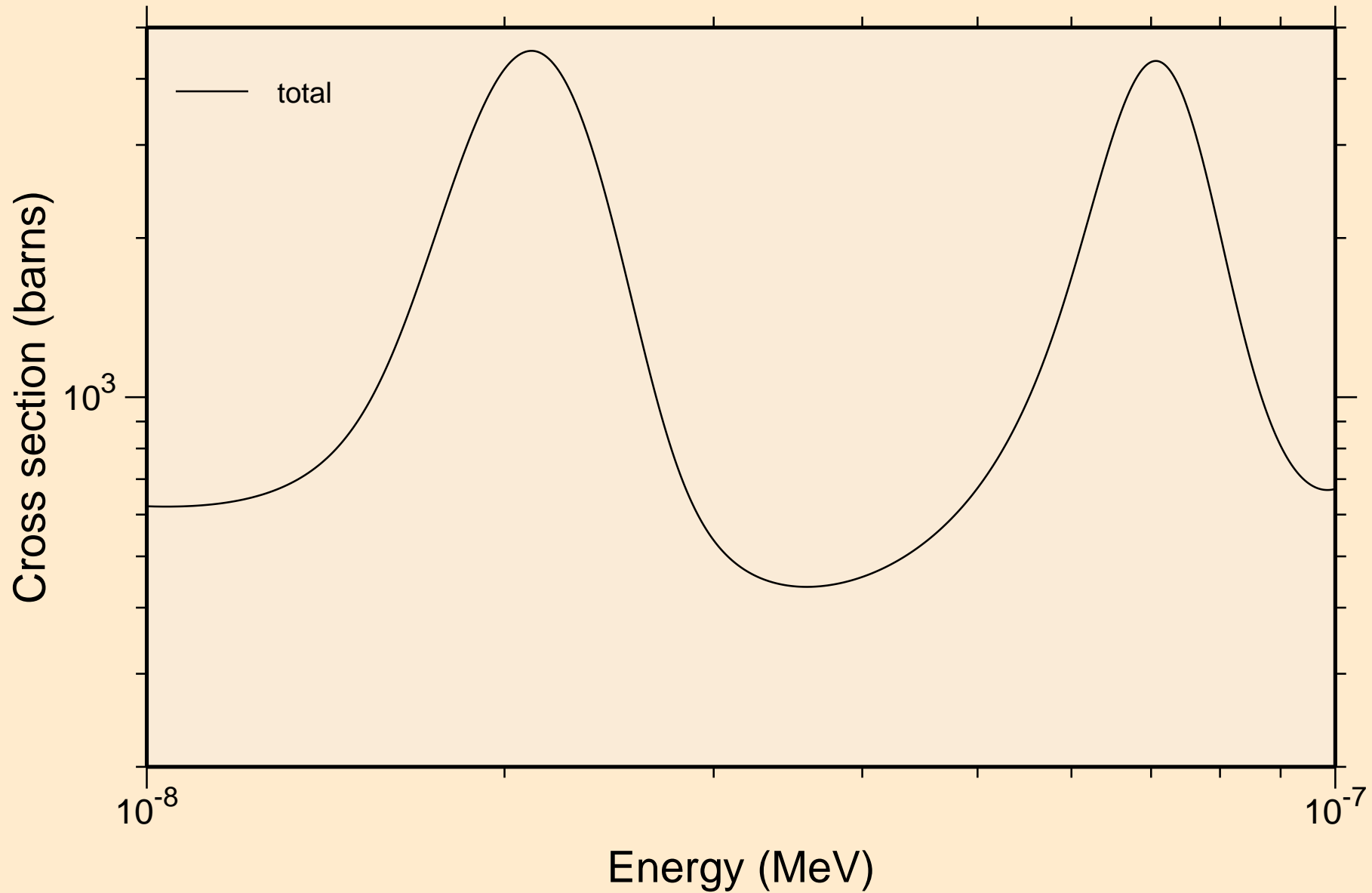


# ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

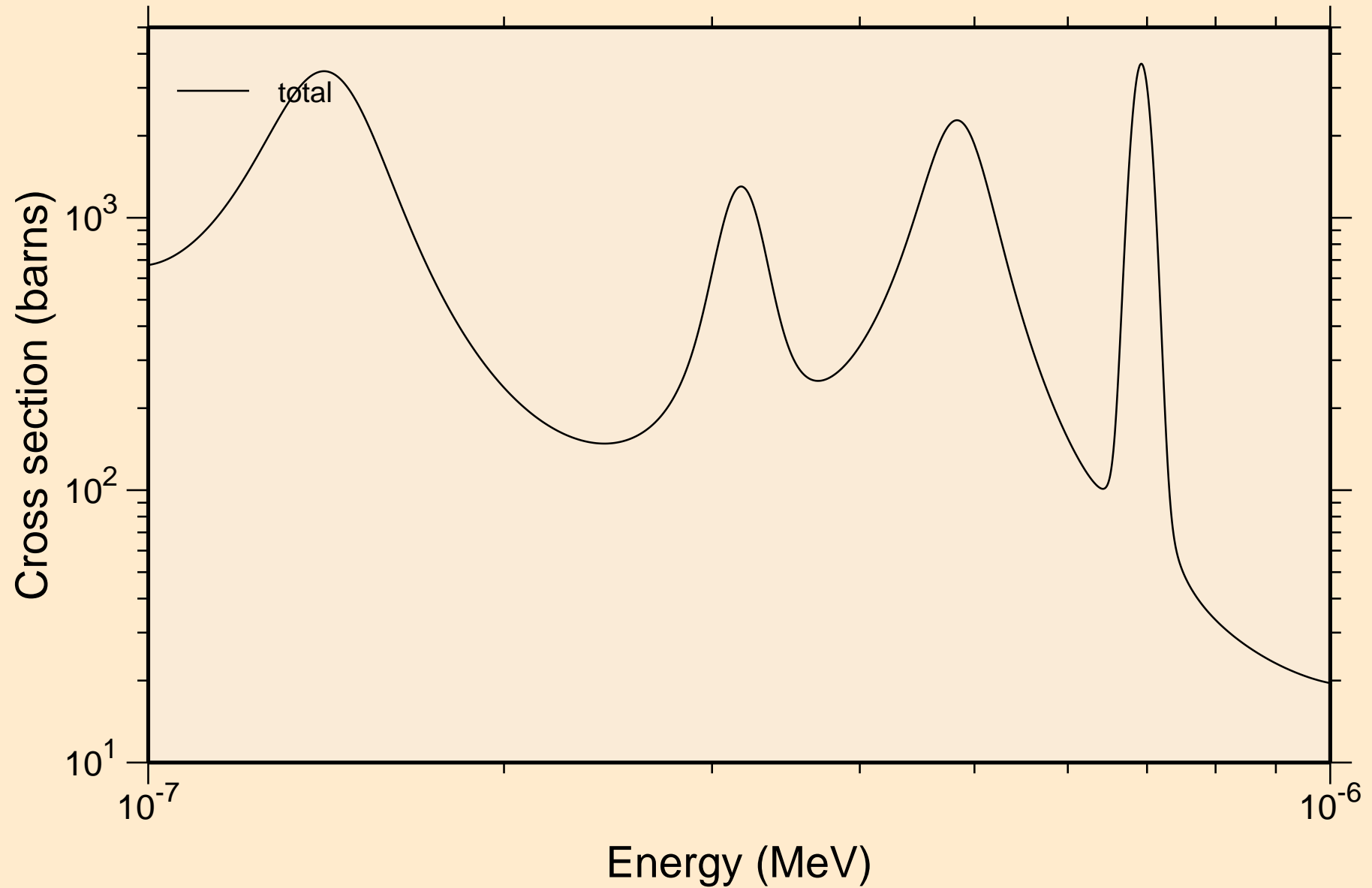
## Principal cross sections



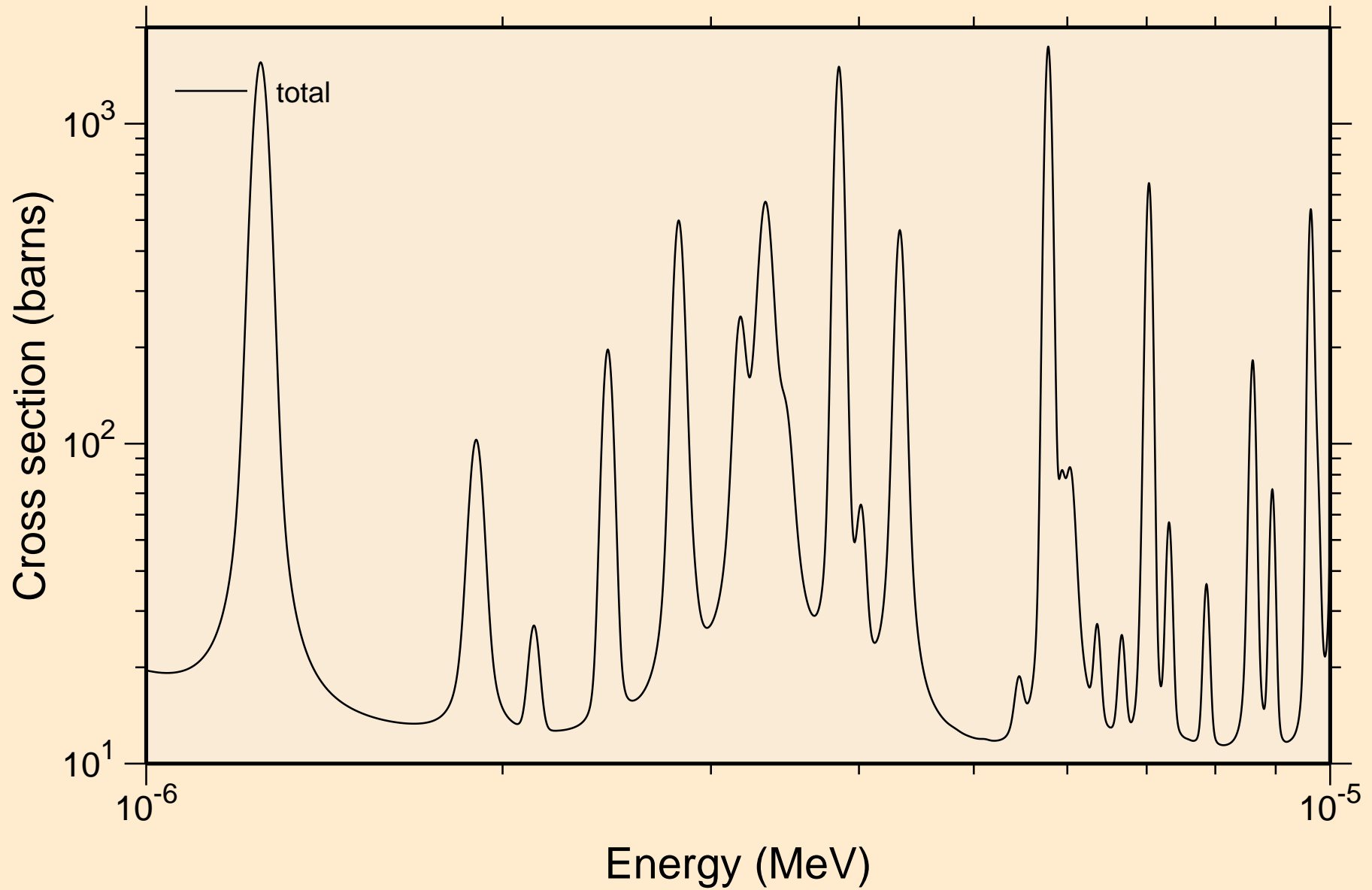
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



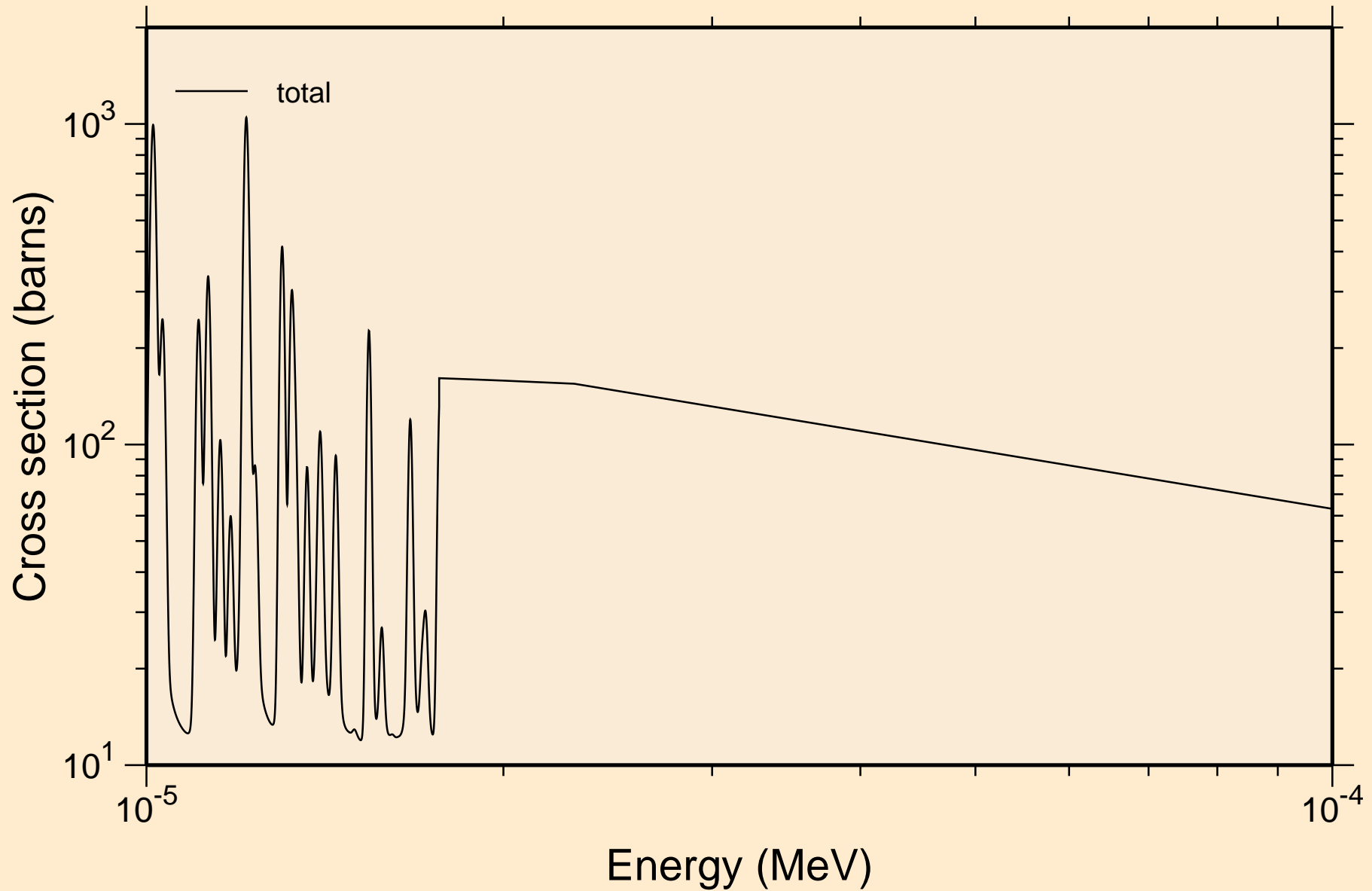
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



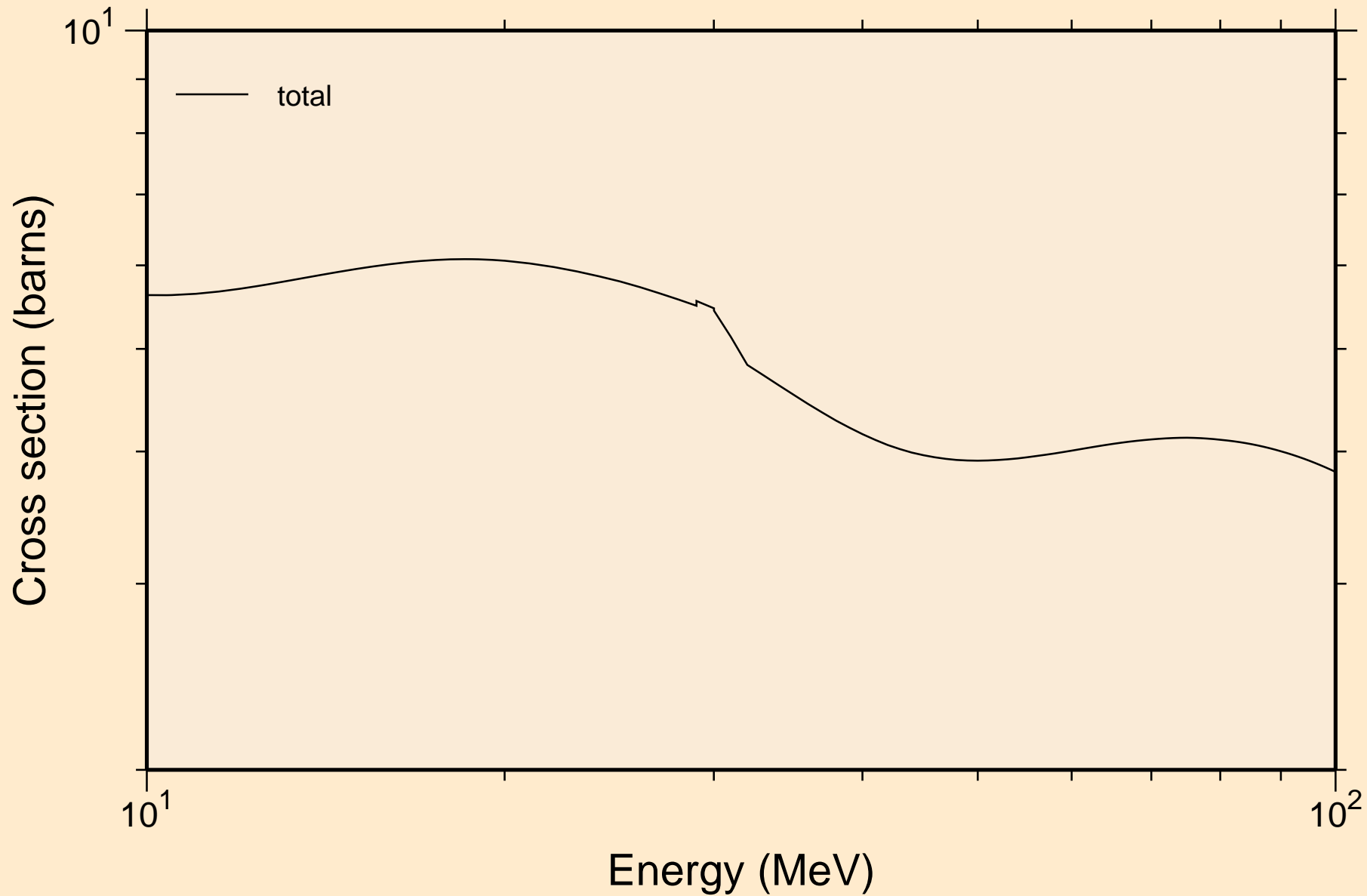
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



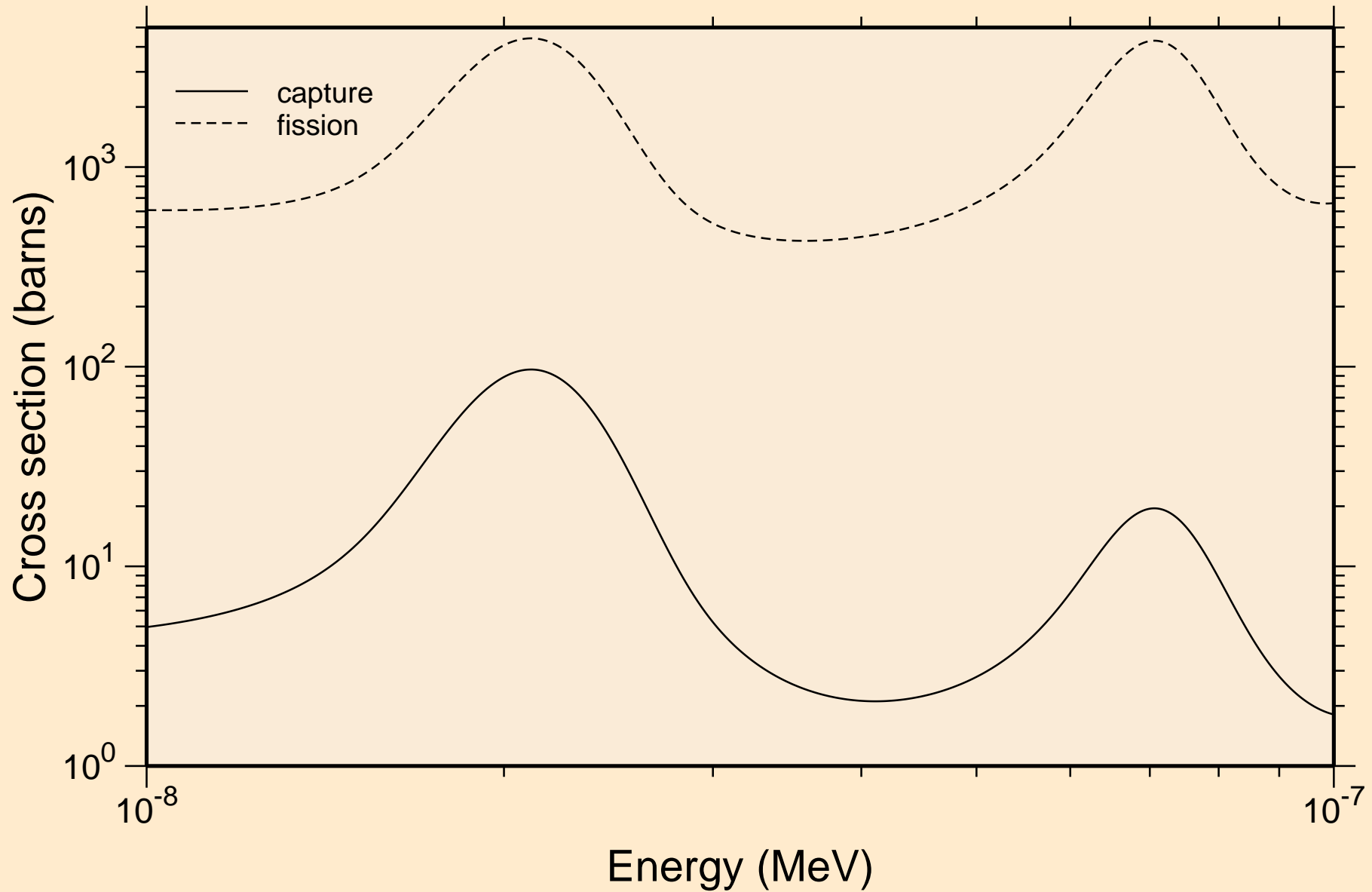
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



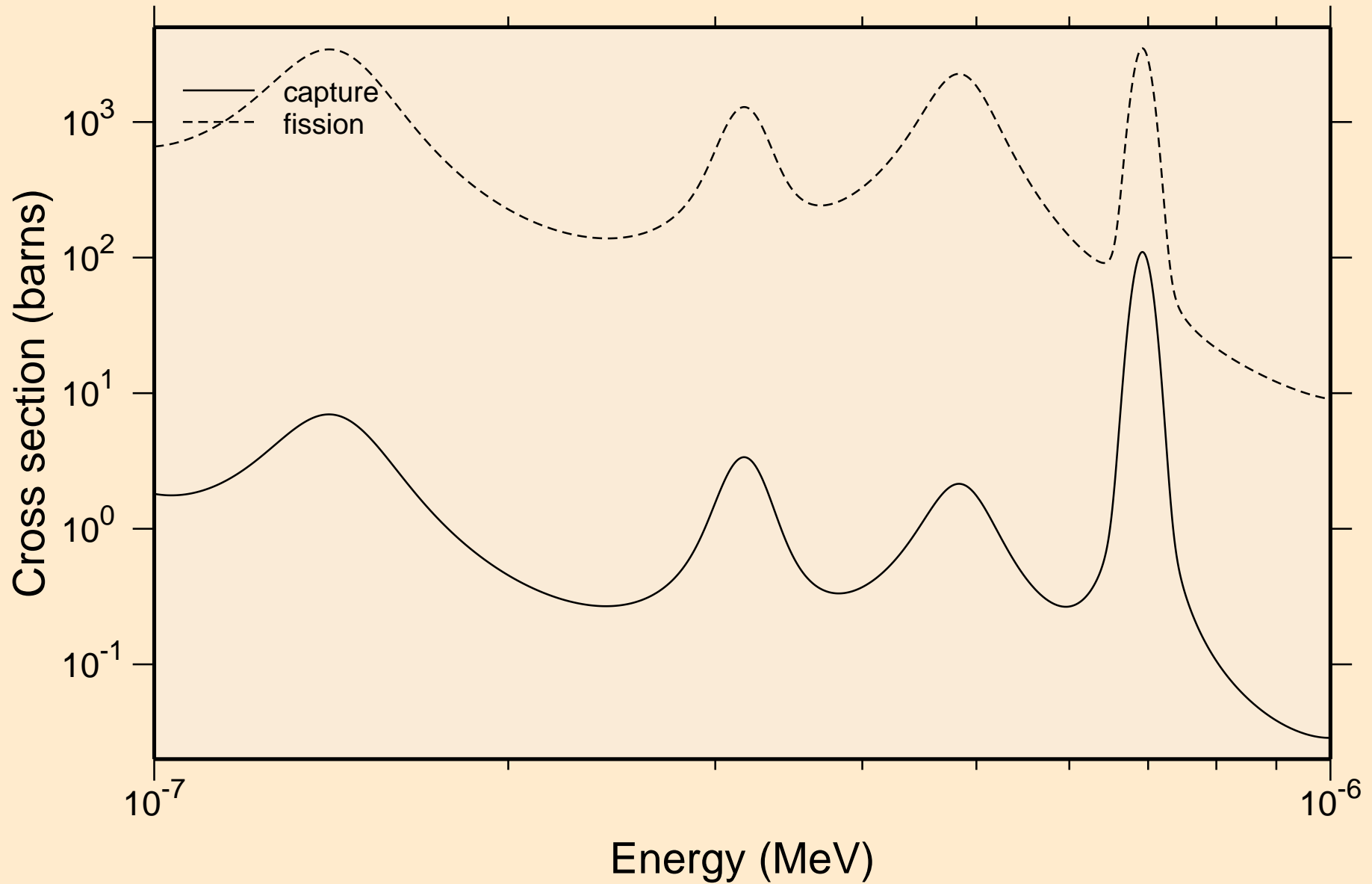
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

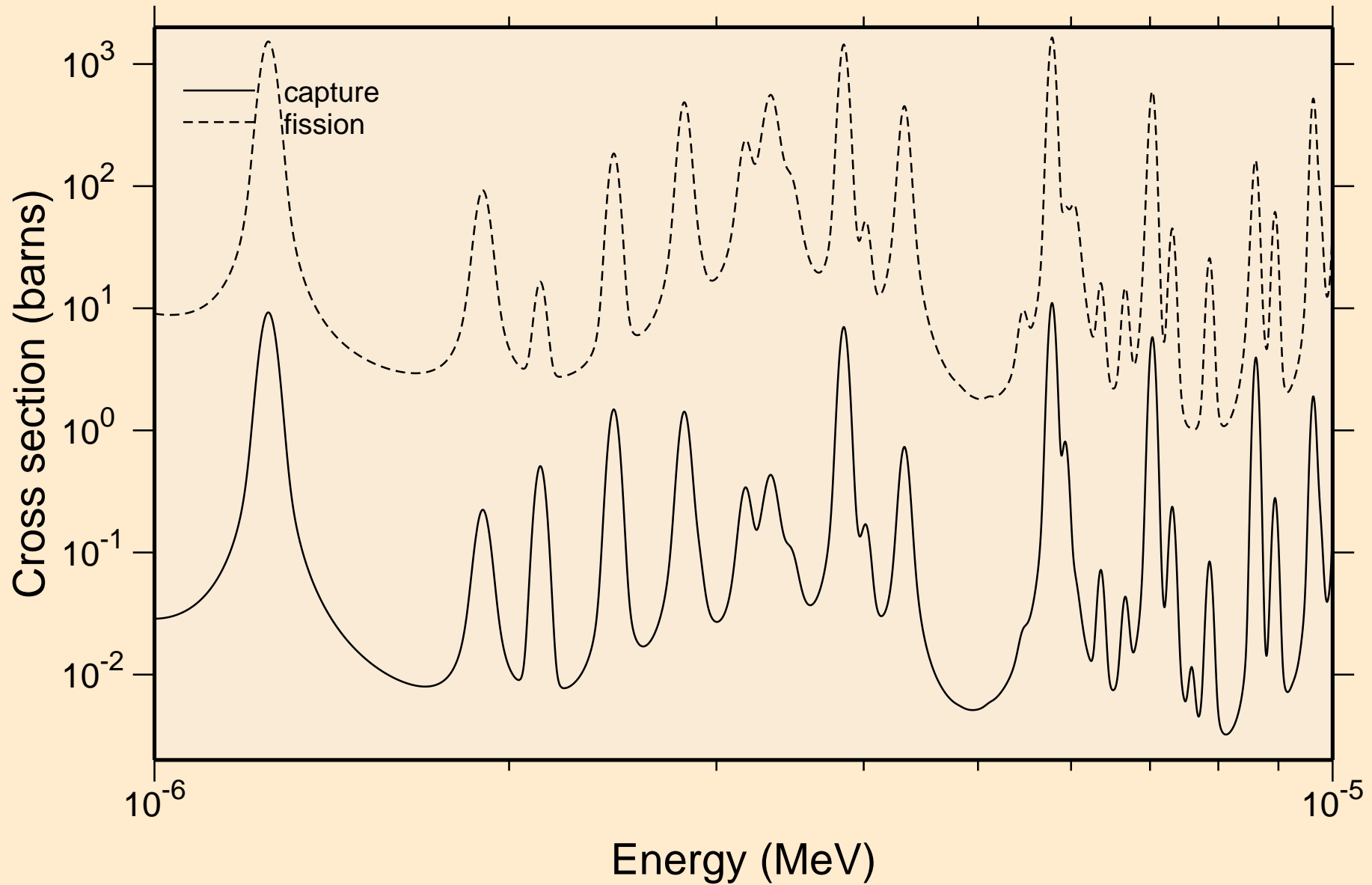


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

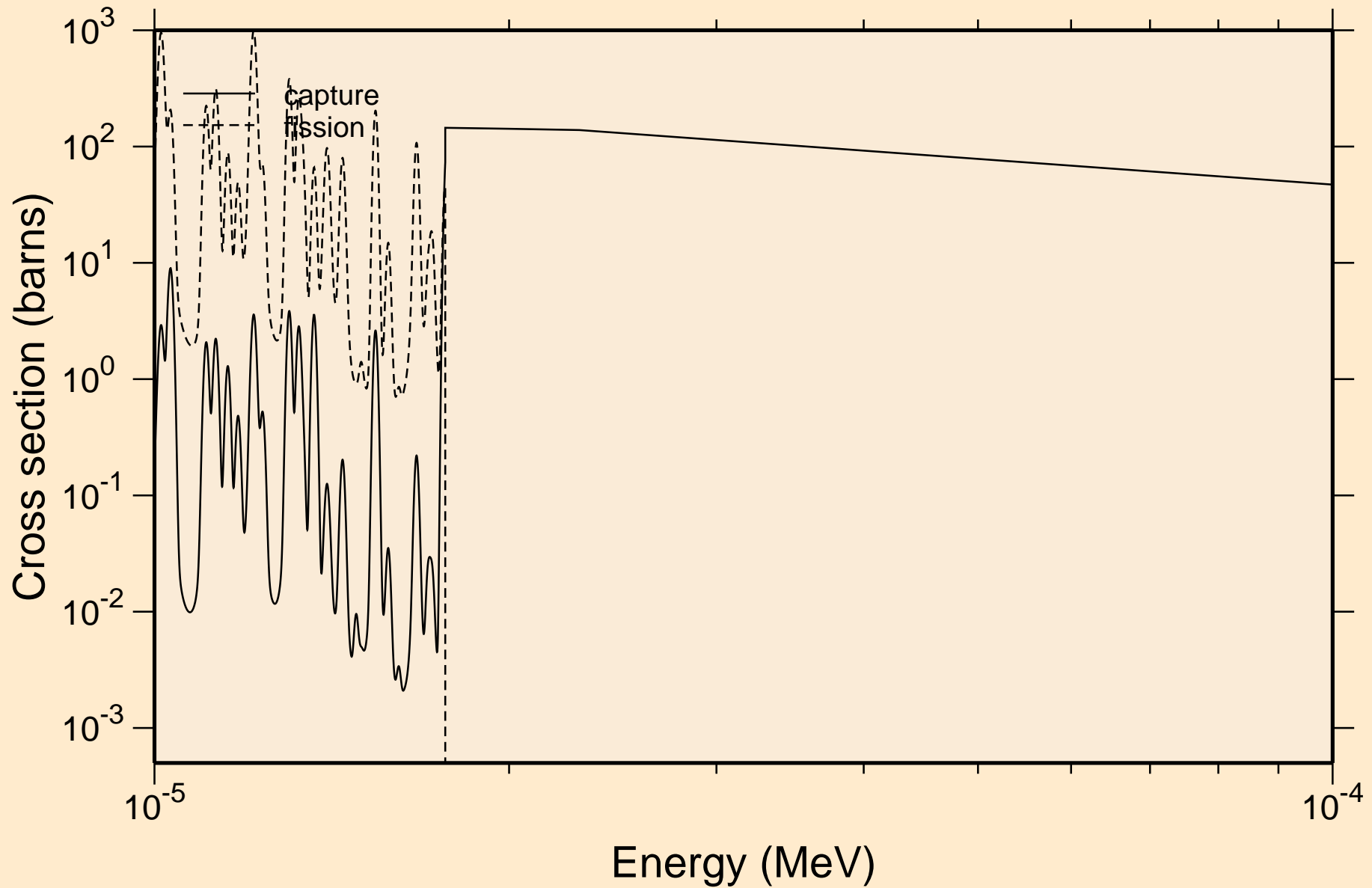




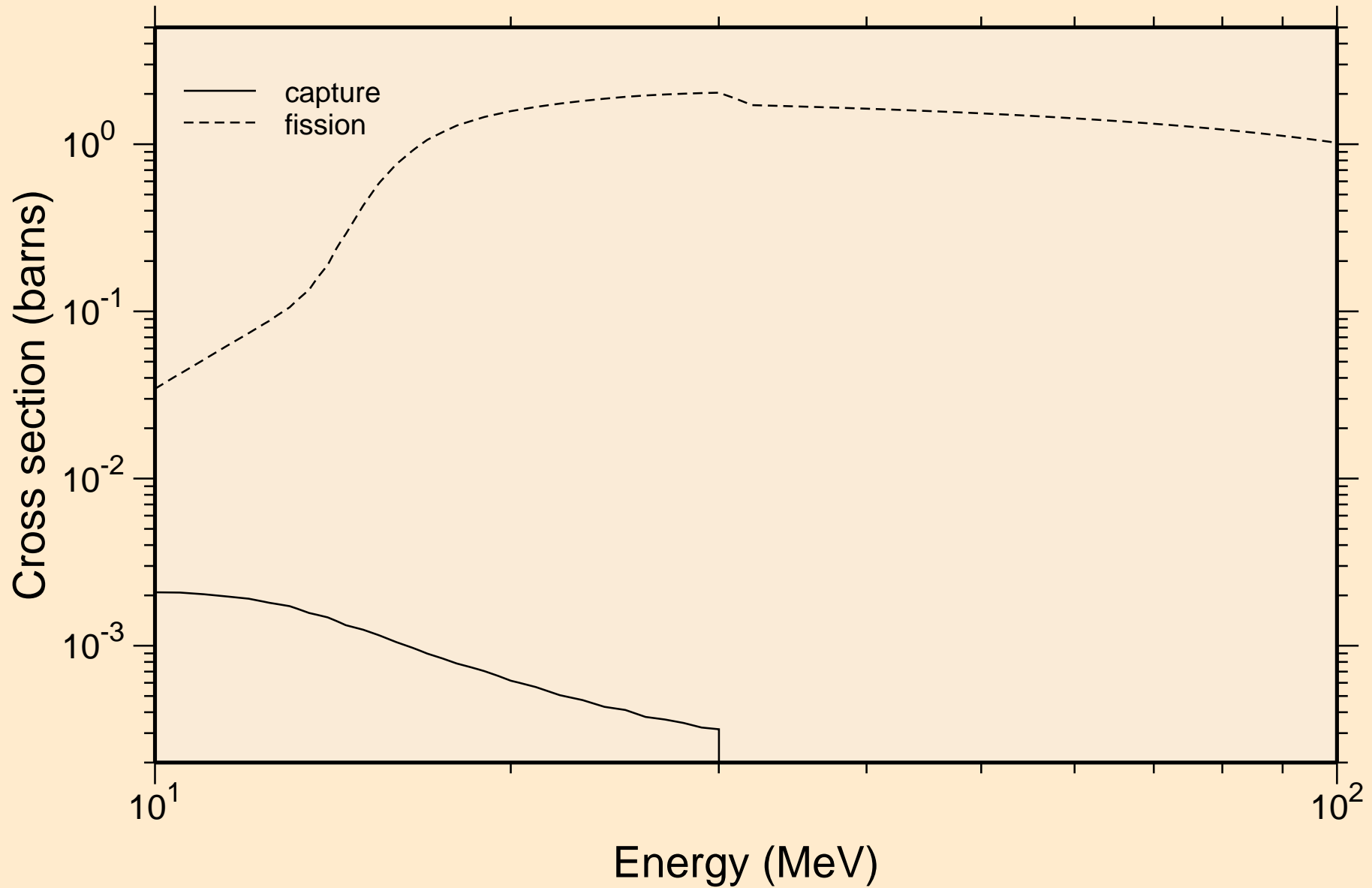
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



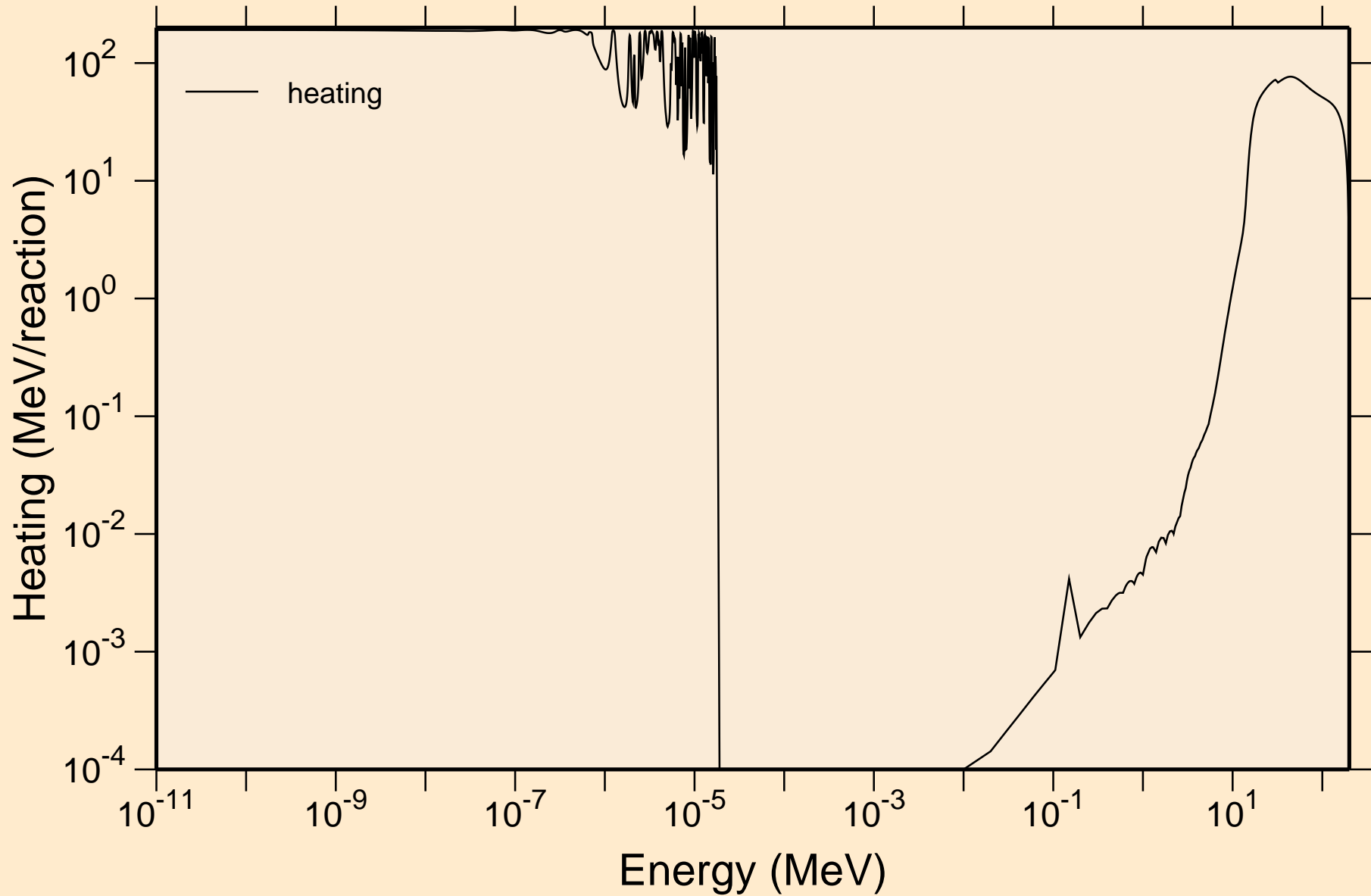
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



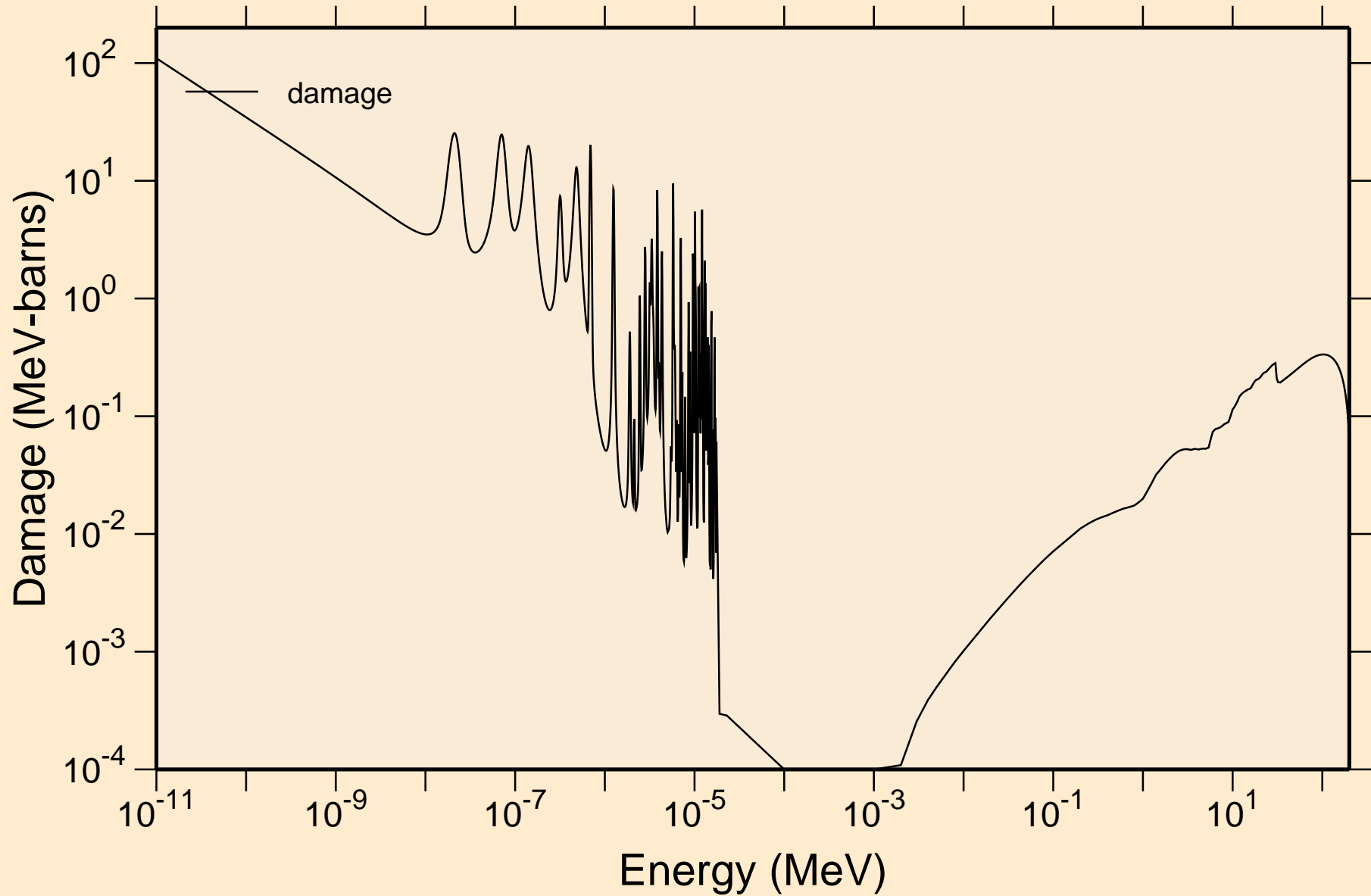
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

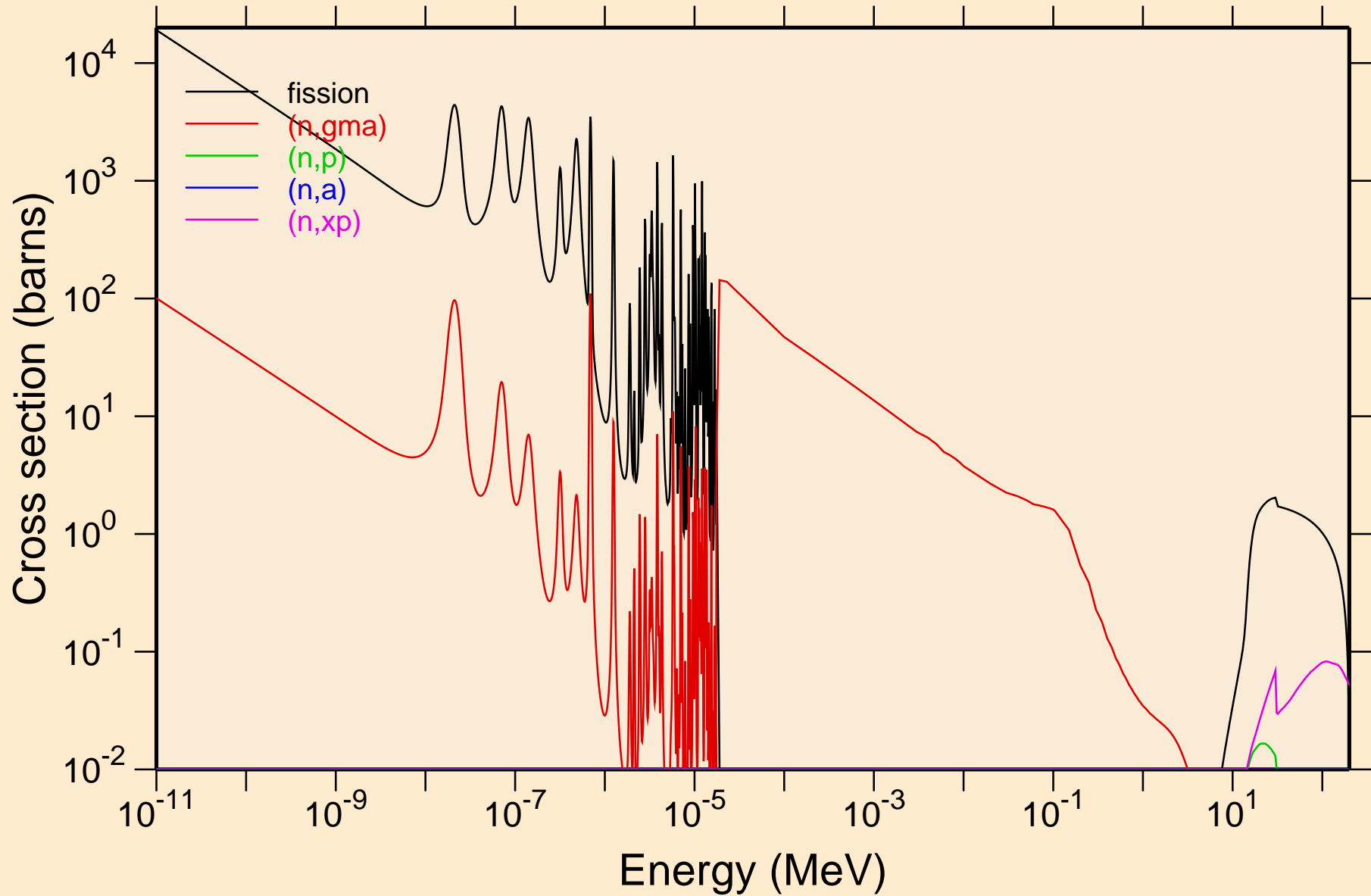


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

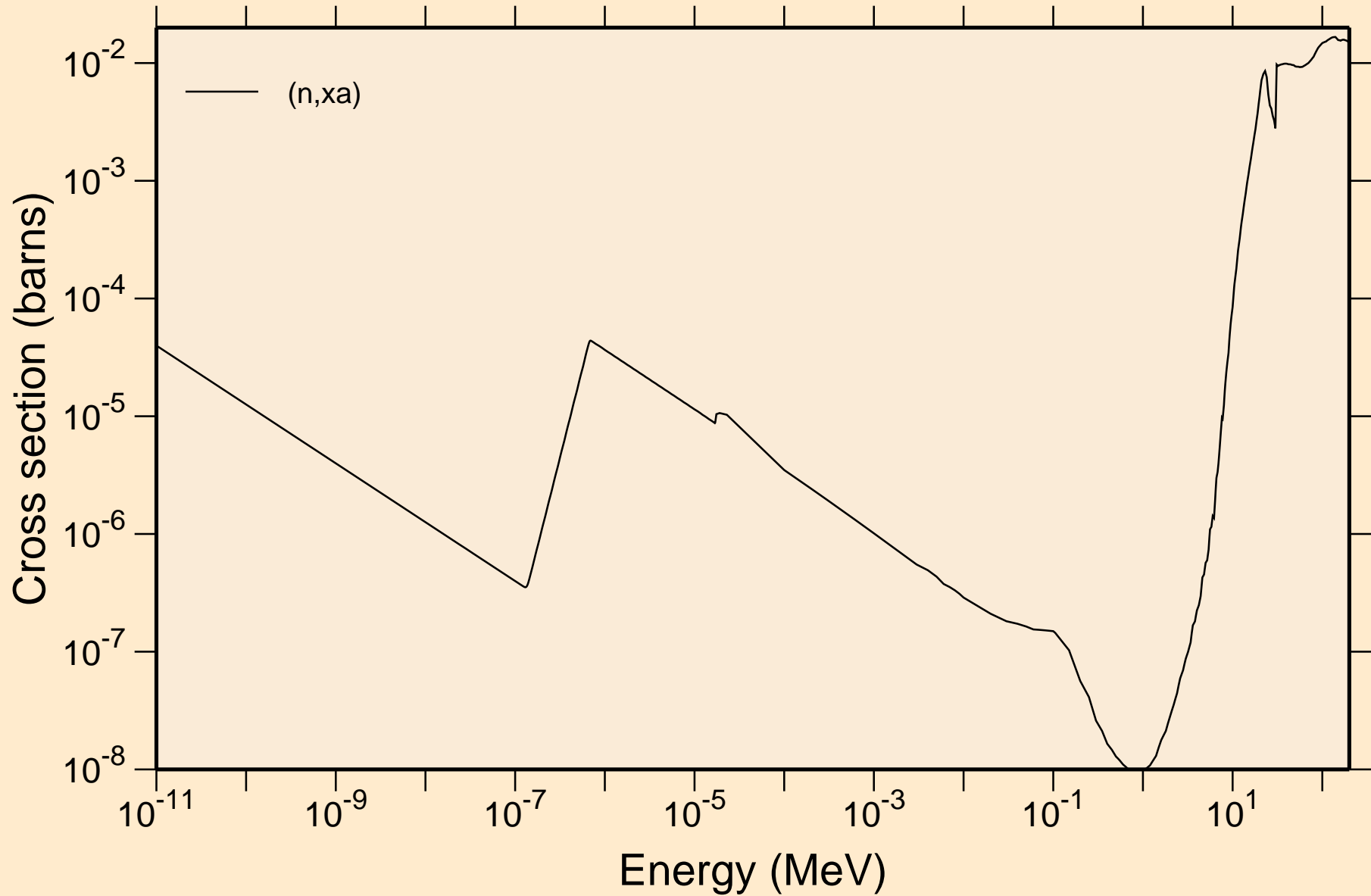


# ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

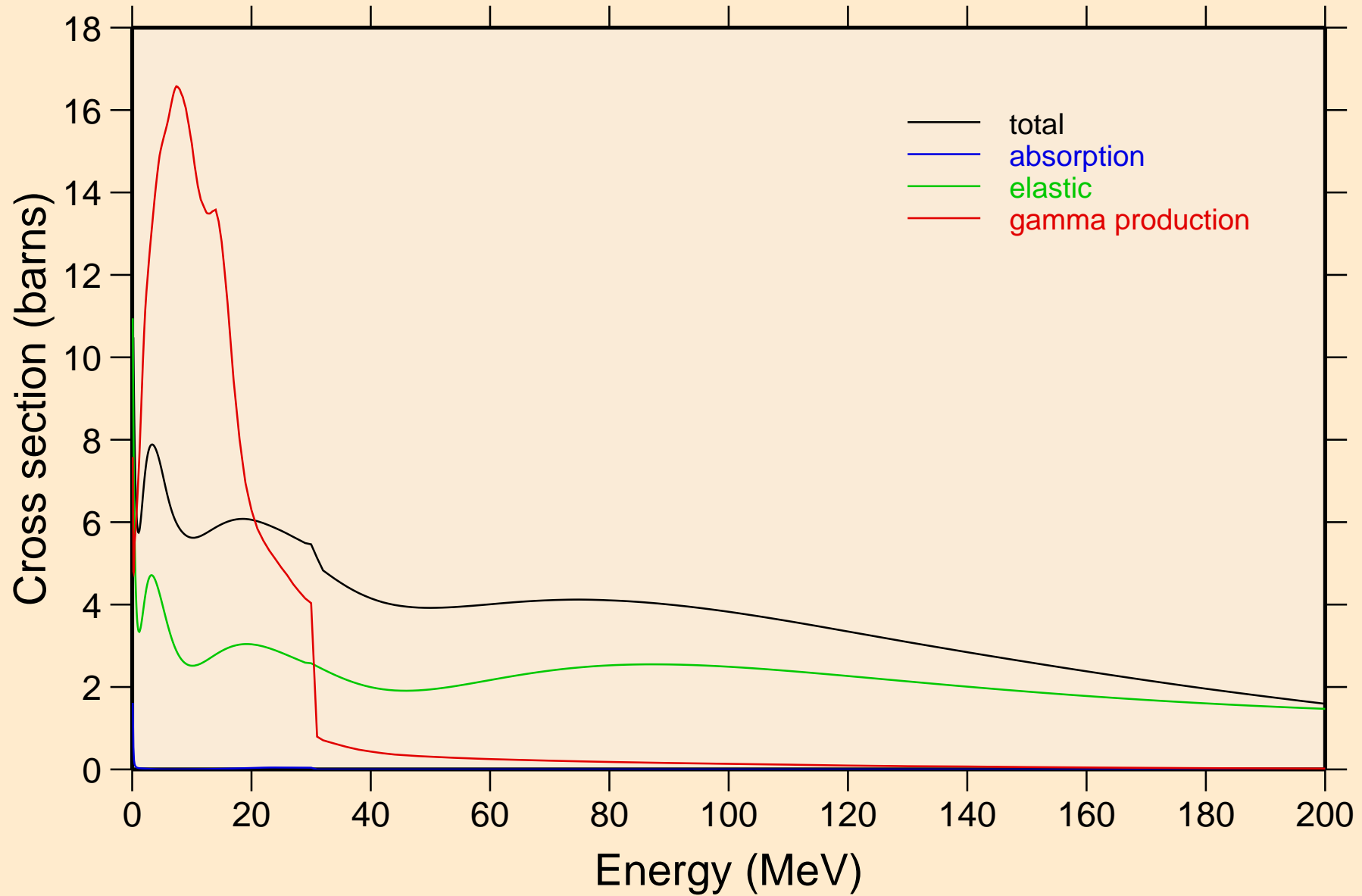


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



# ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

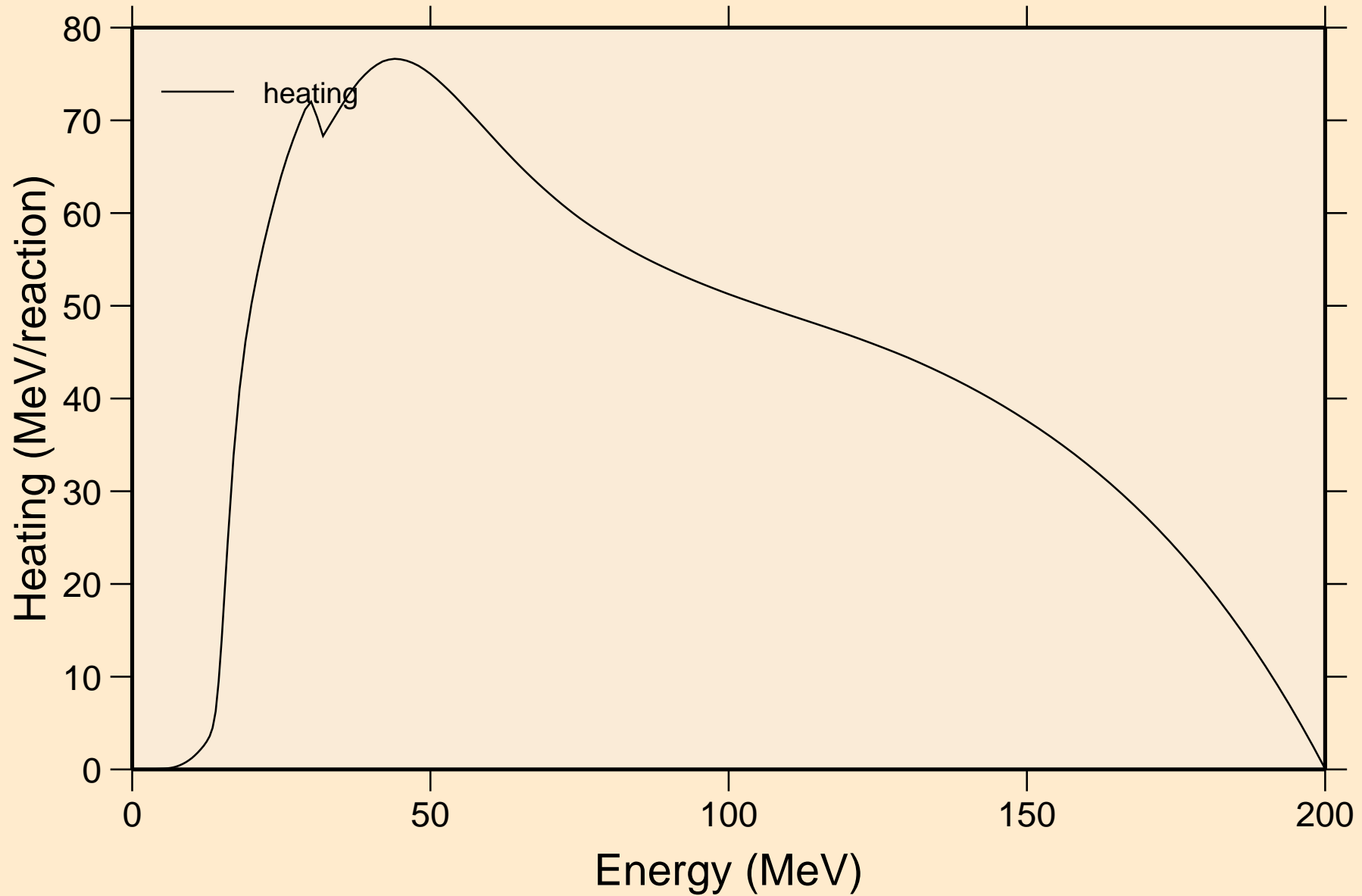
## Principal cross sections



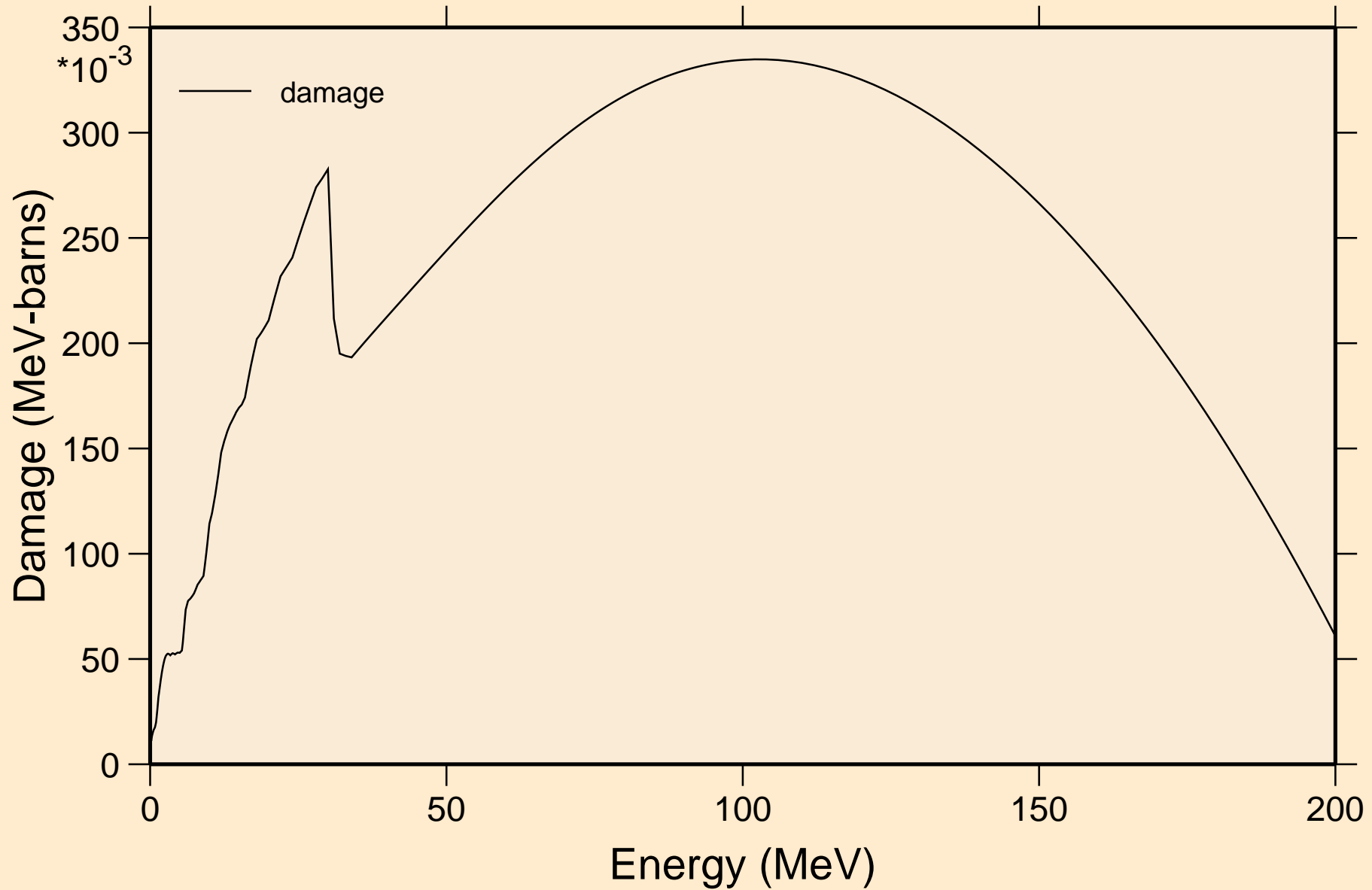


# ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Heating

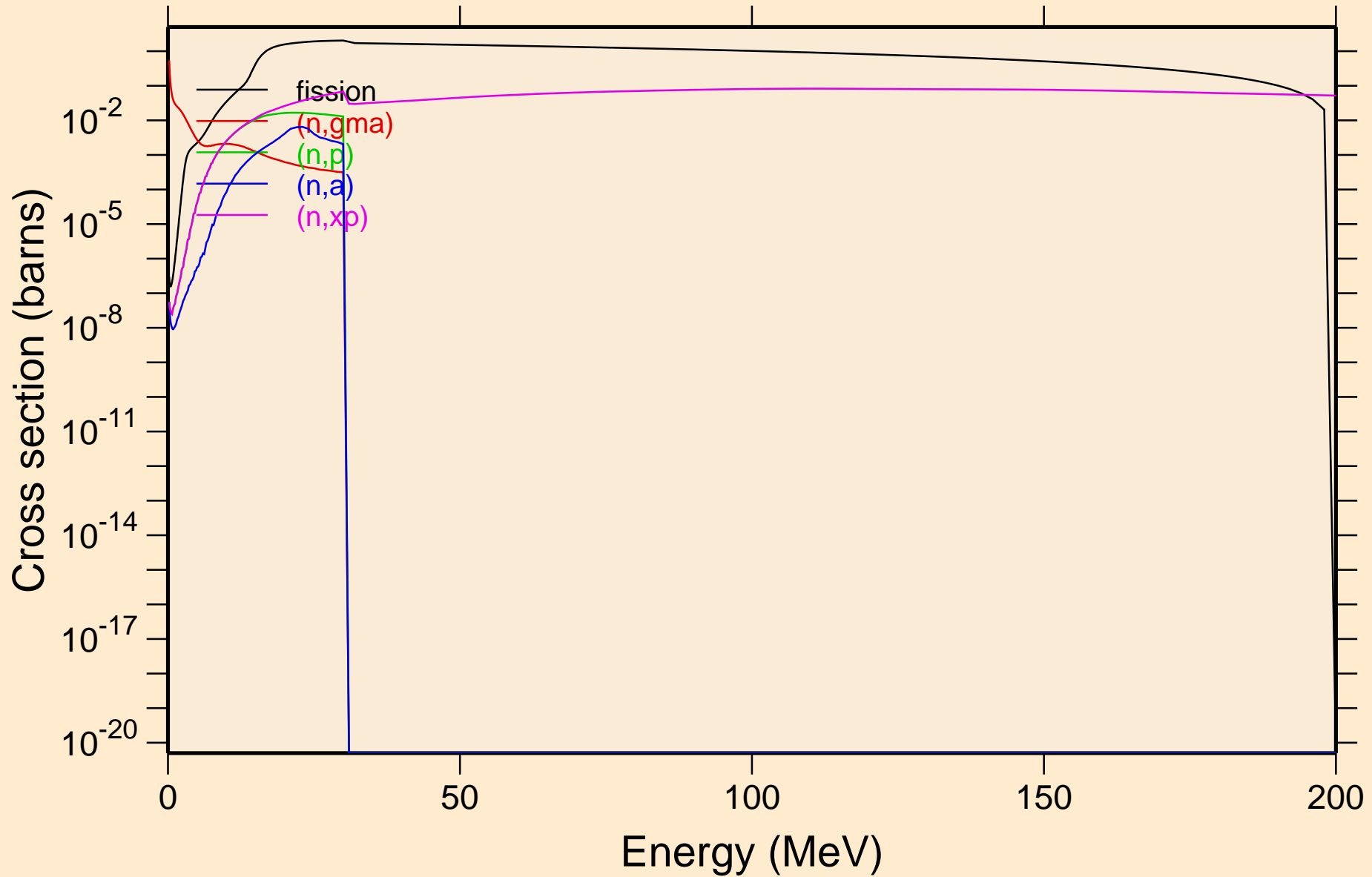


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

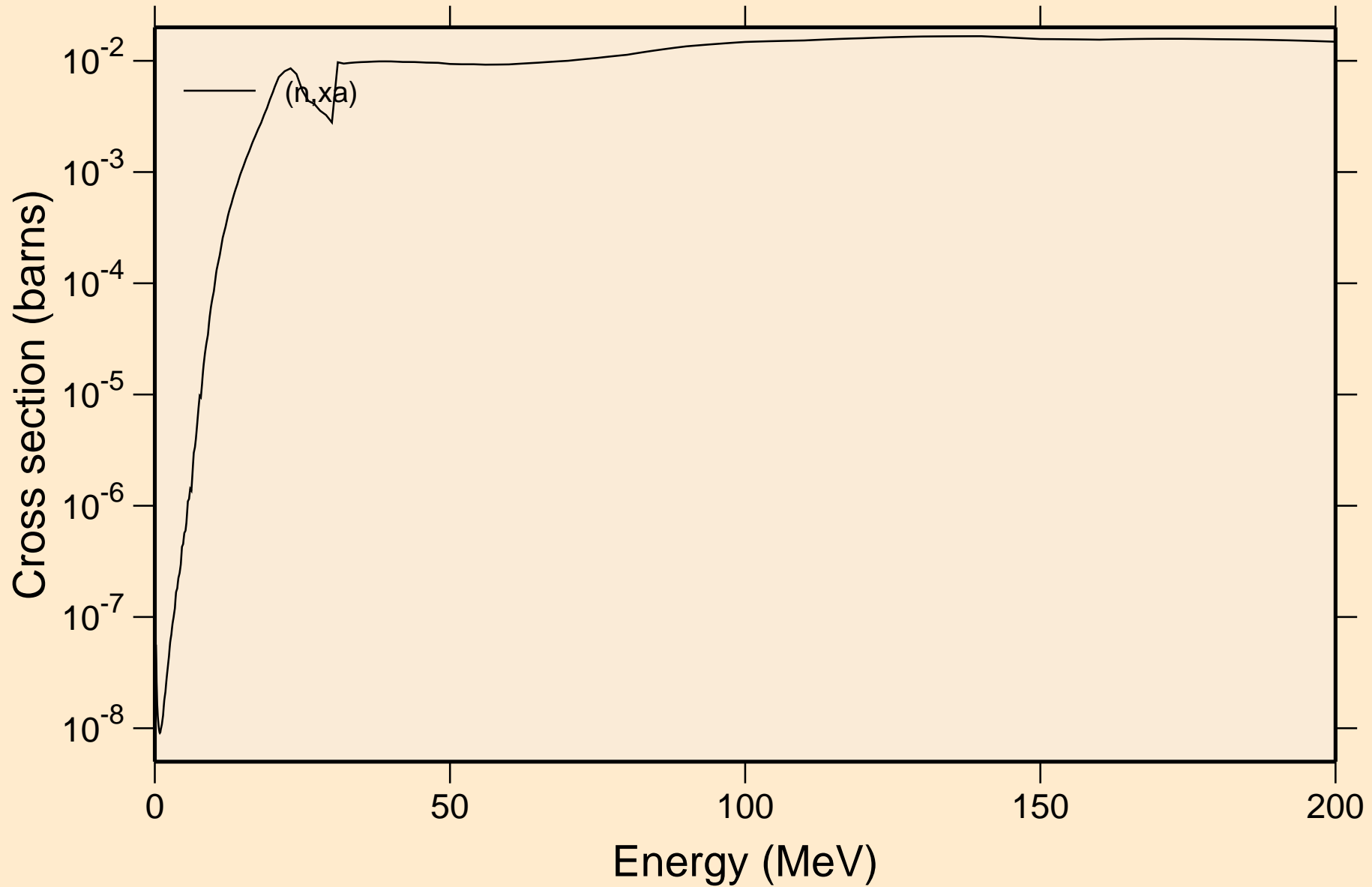


# ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

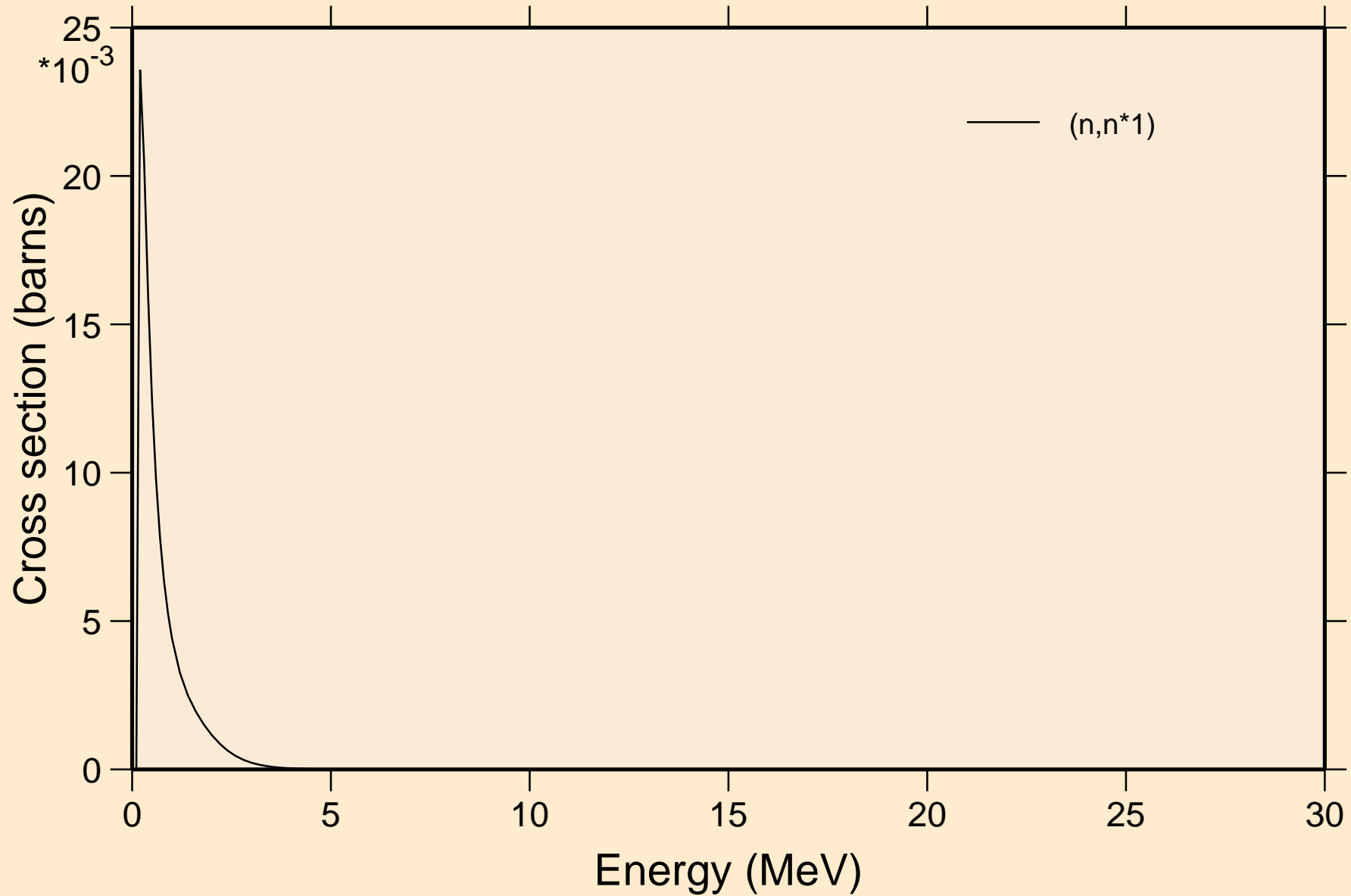
## Non-threshold reactions



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

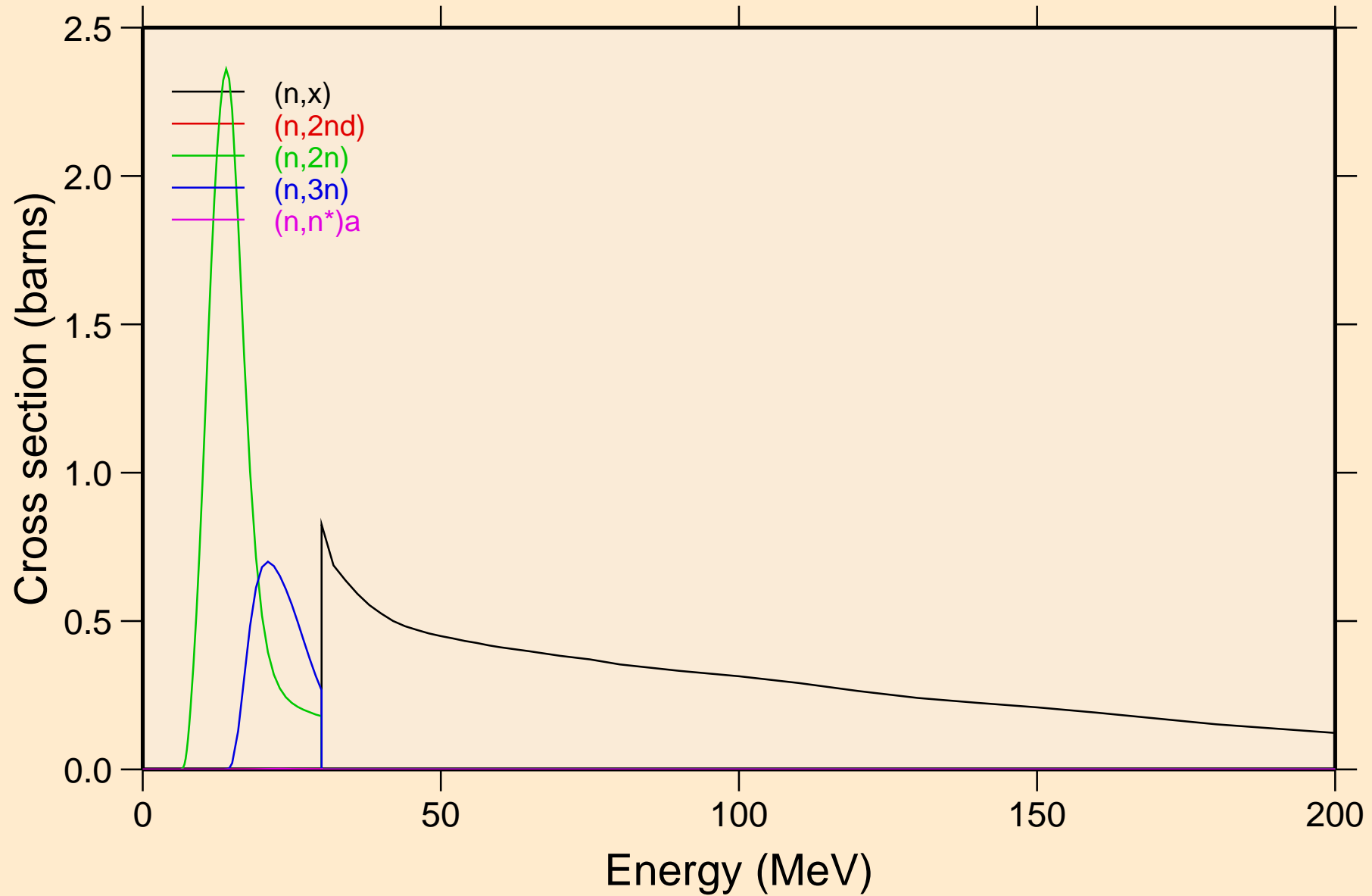


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

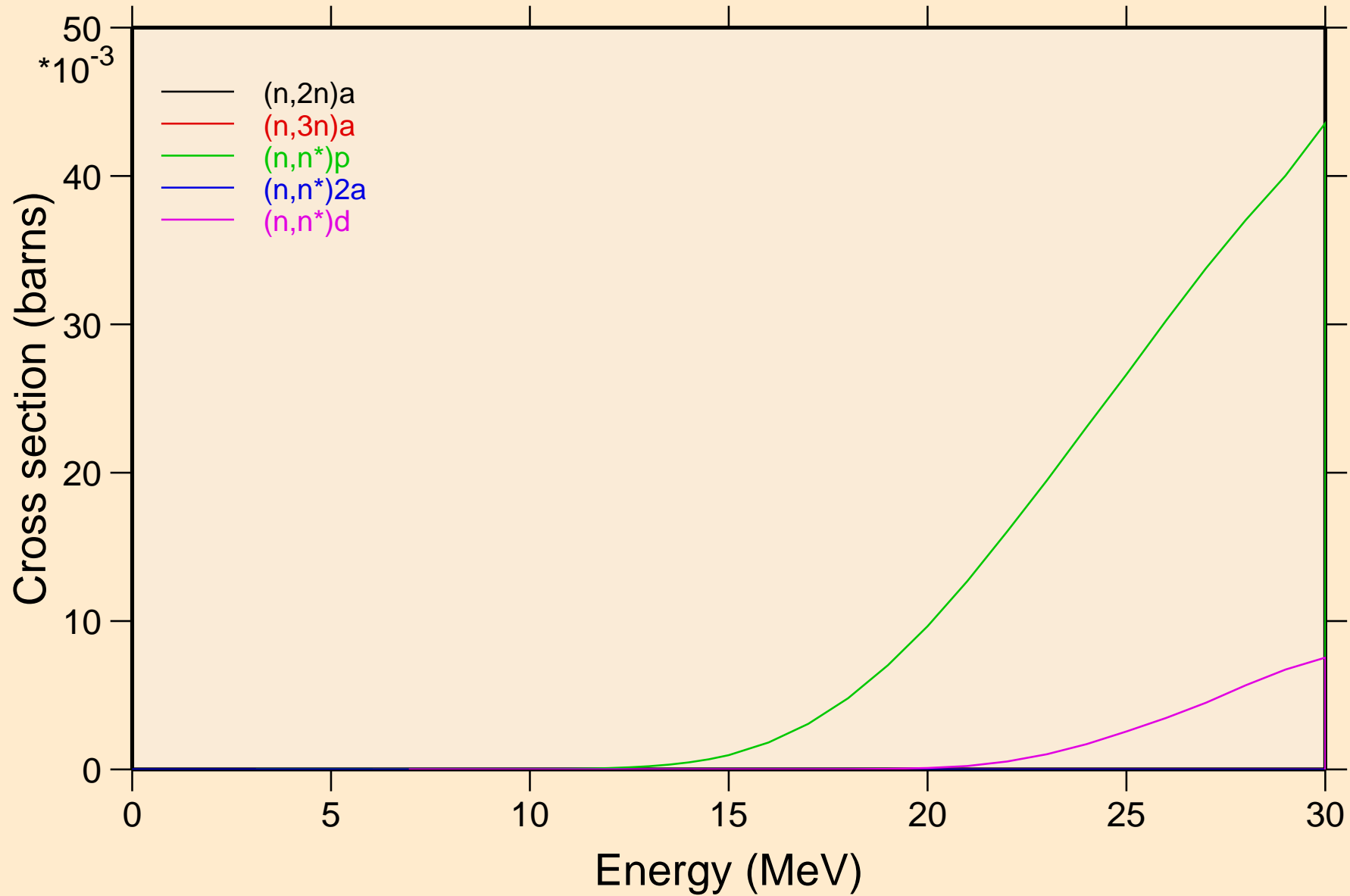


# ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

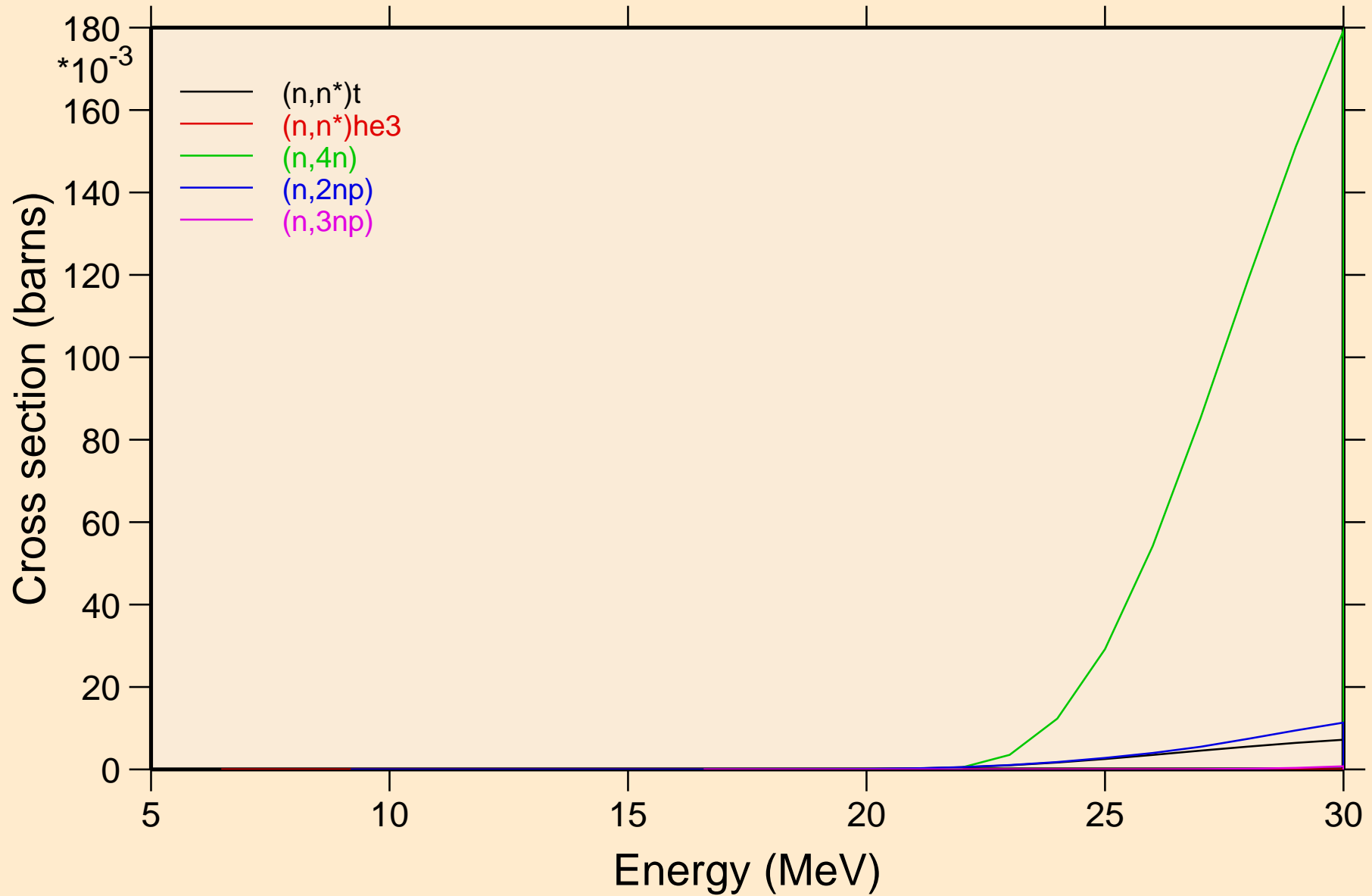


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



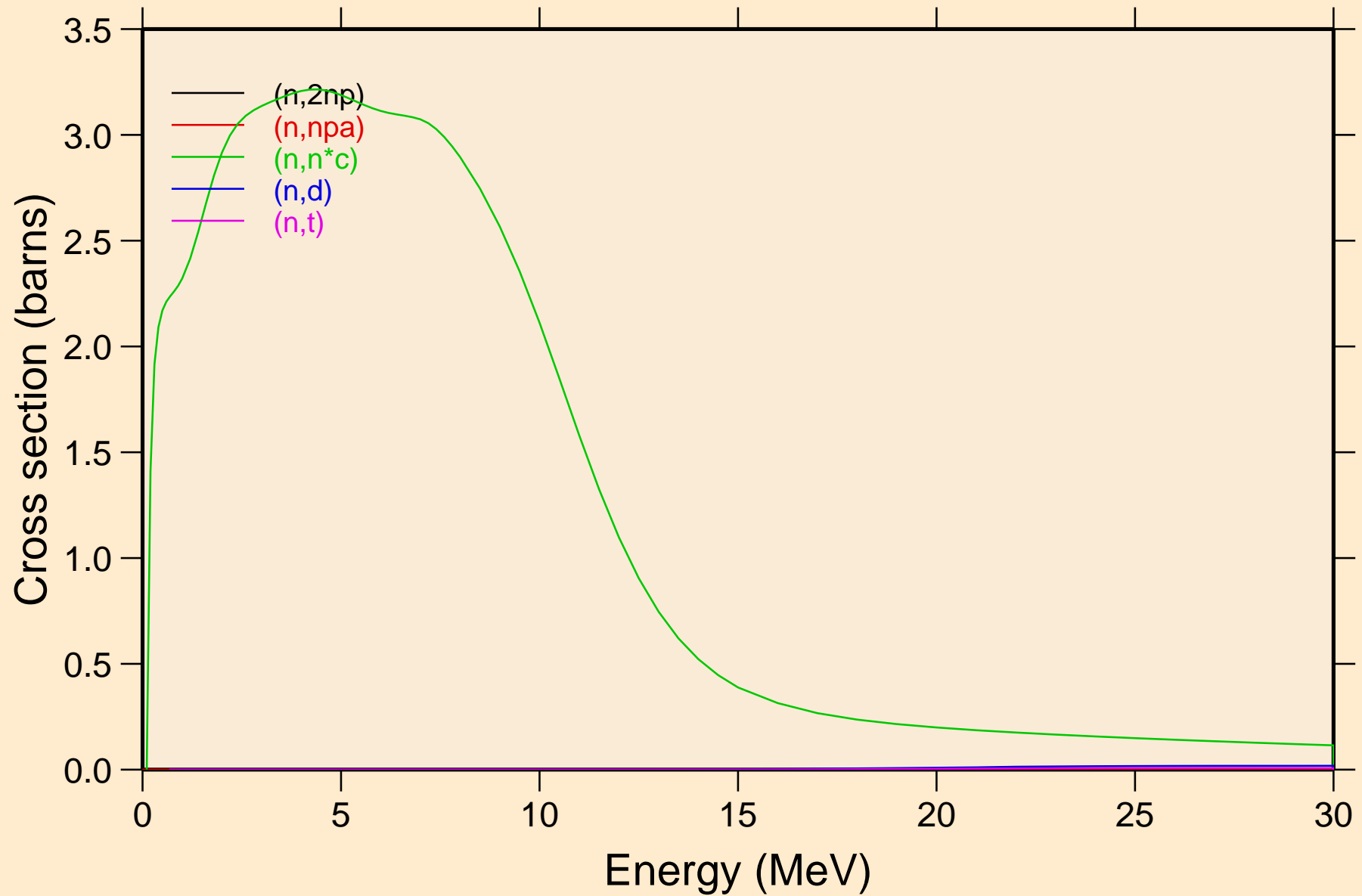
# ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

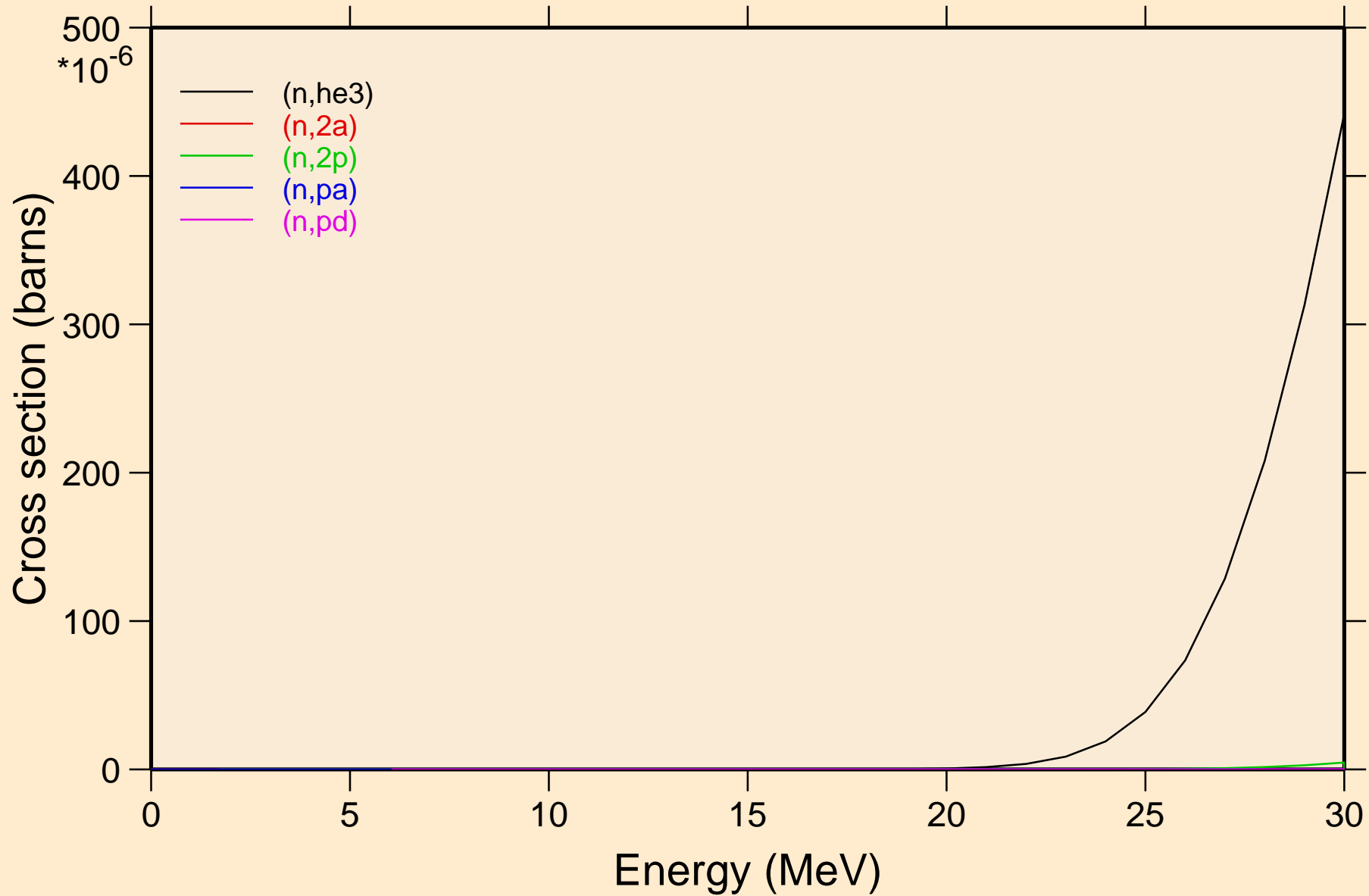




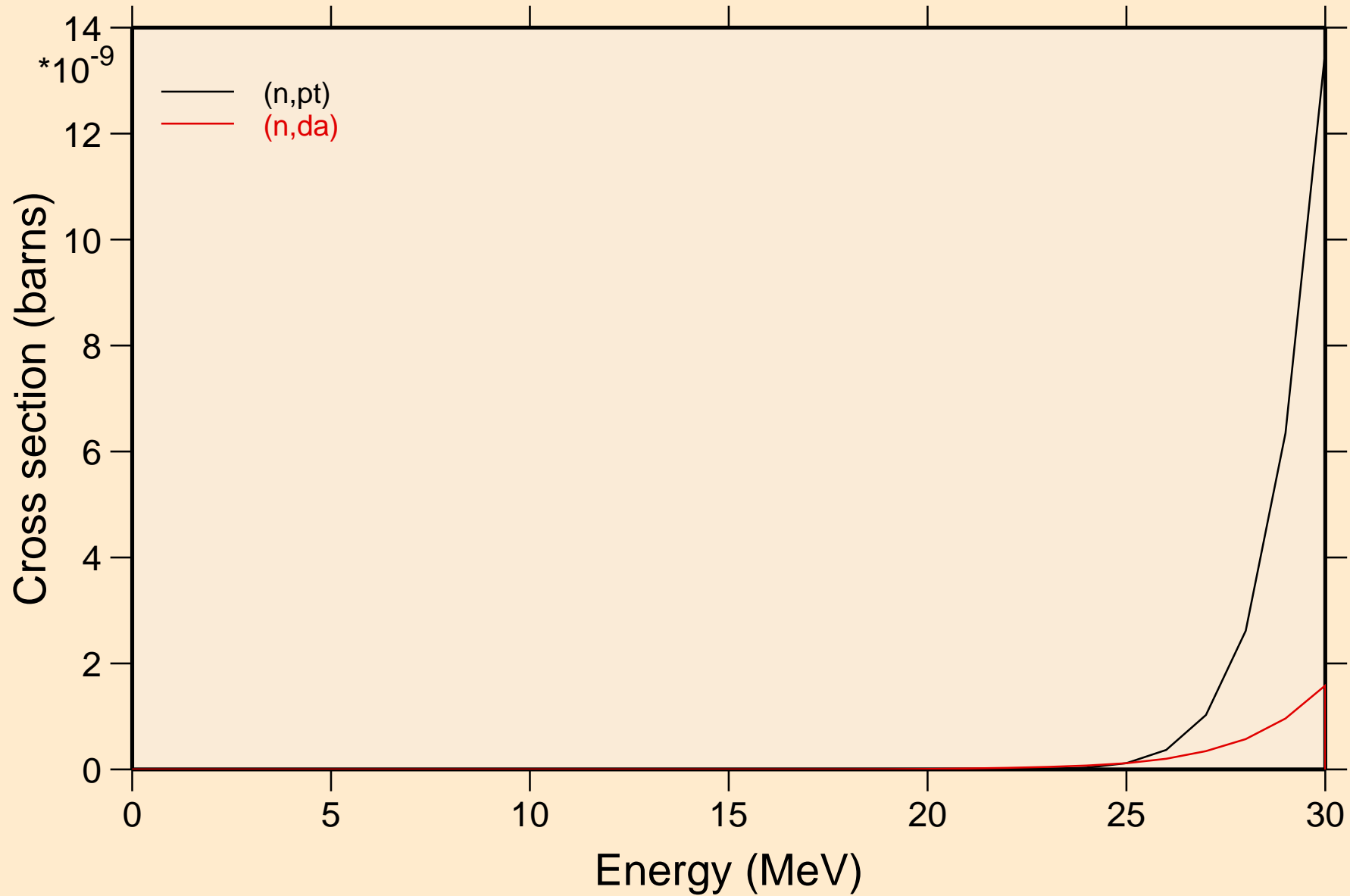
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



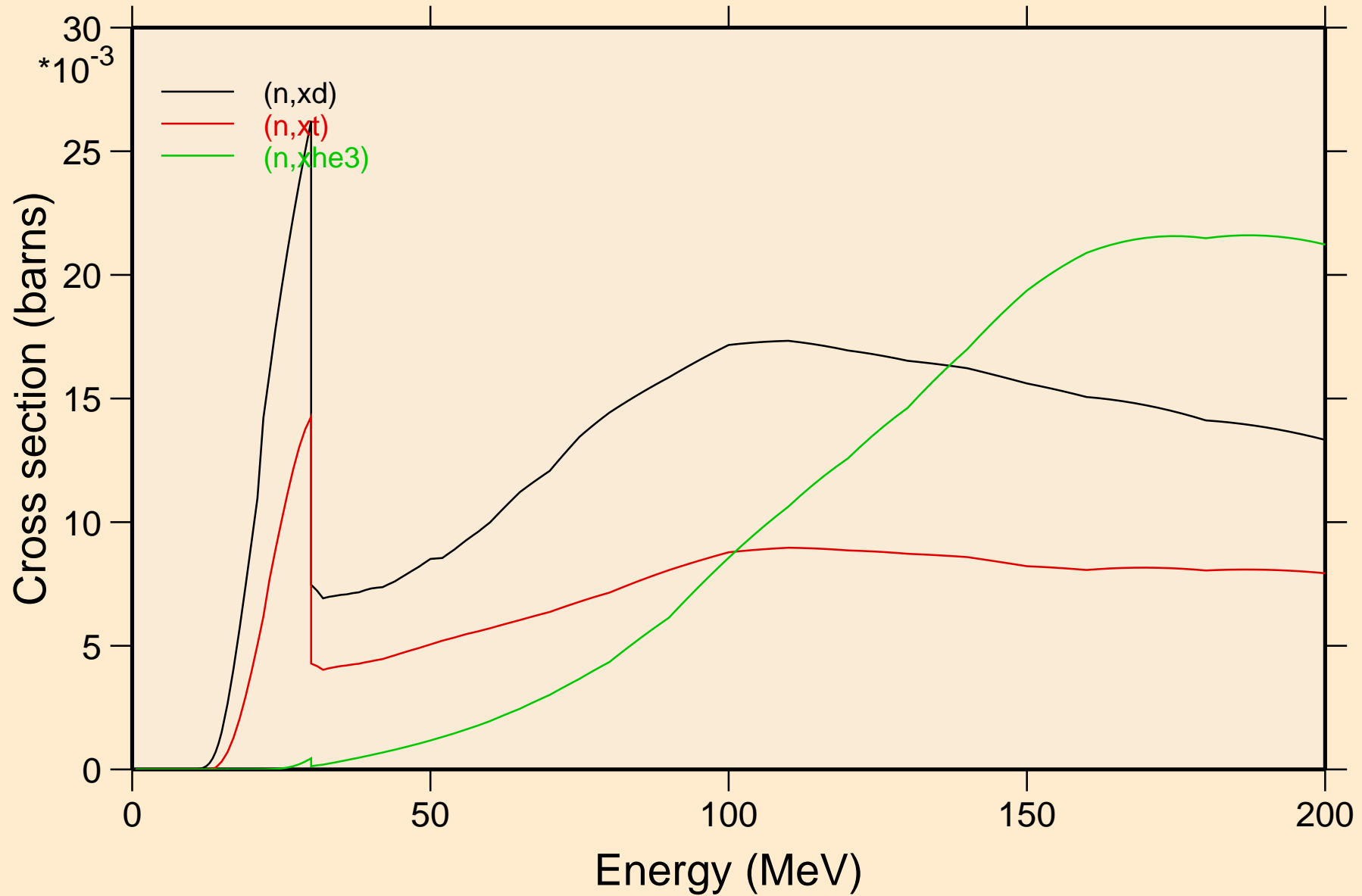
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



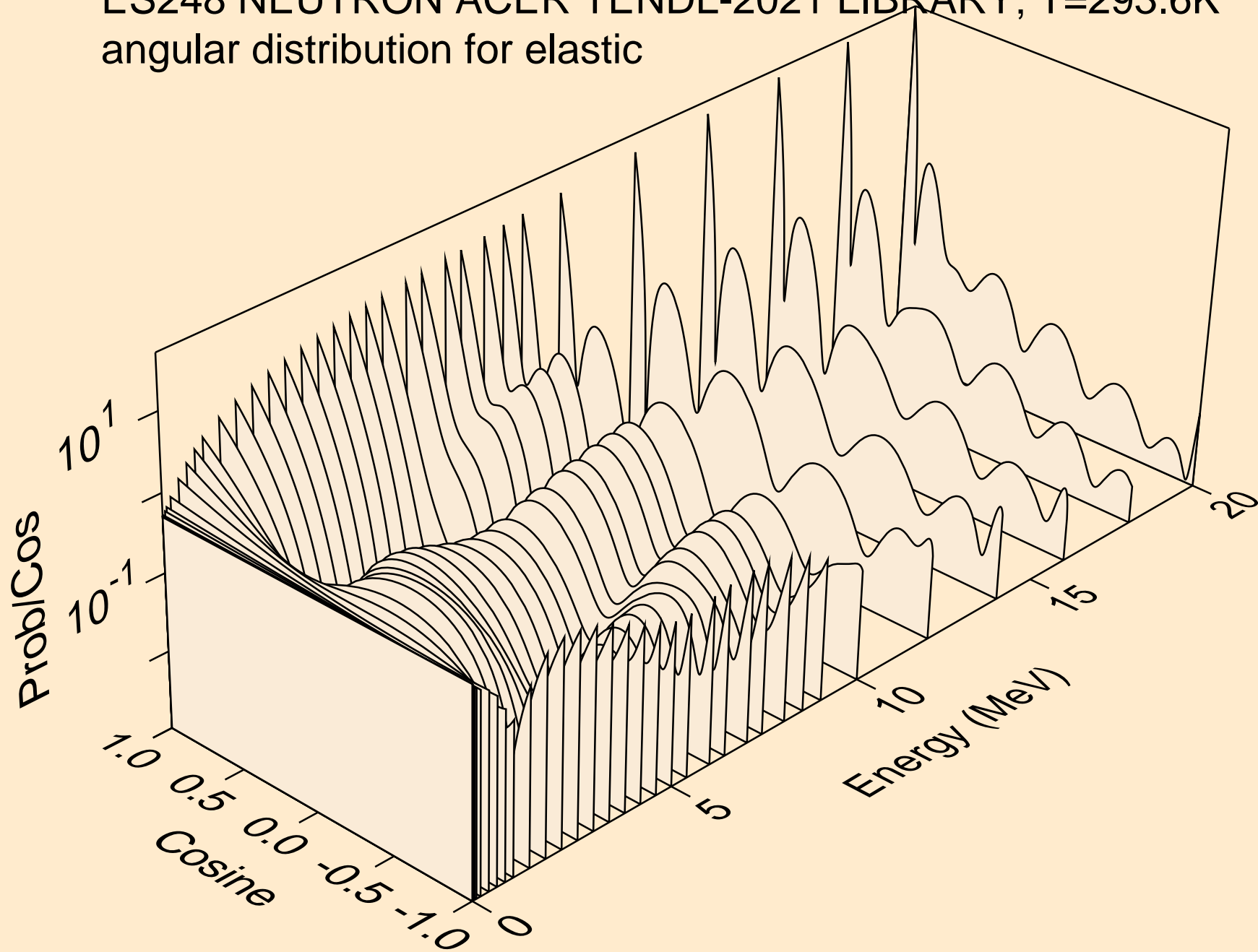
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



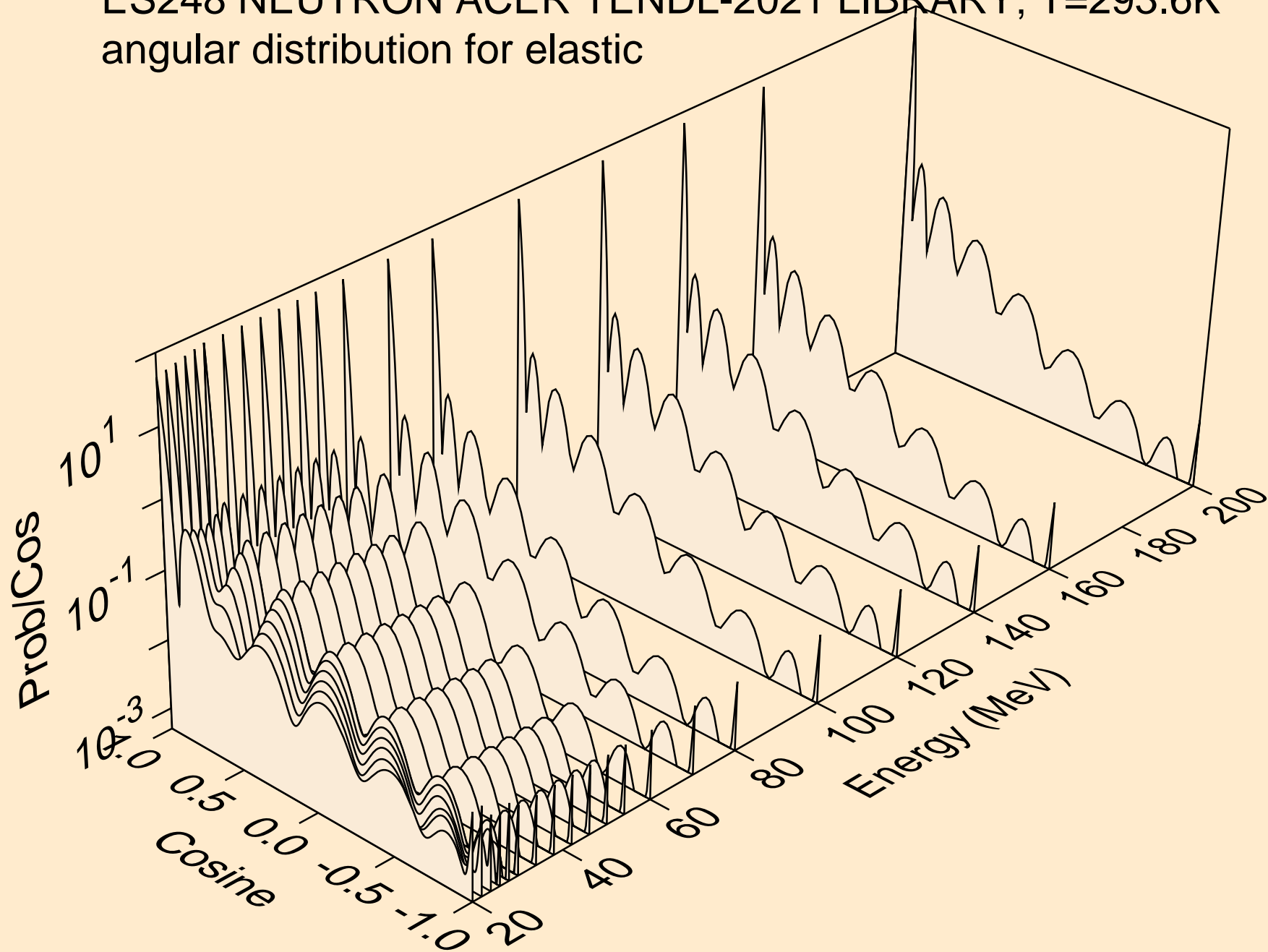
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



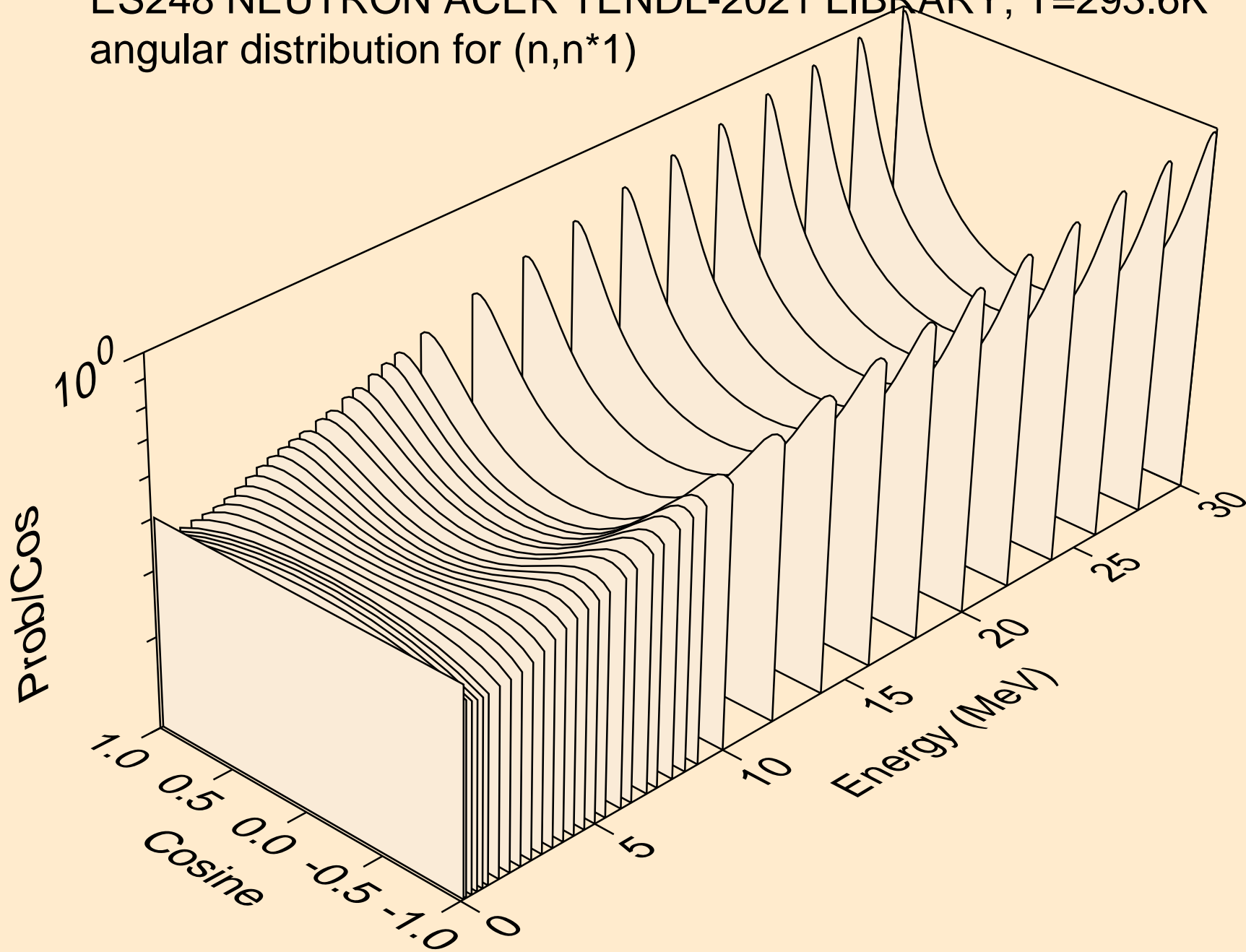
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



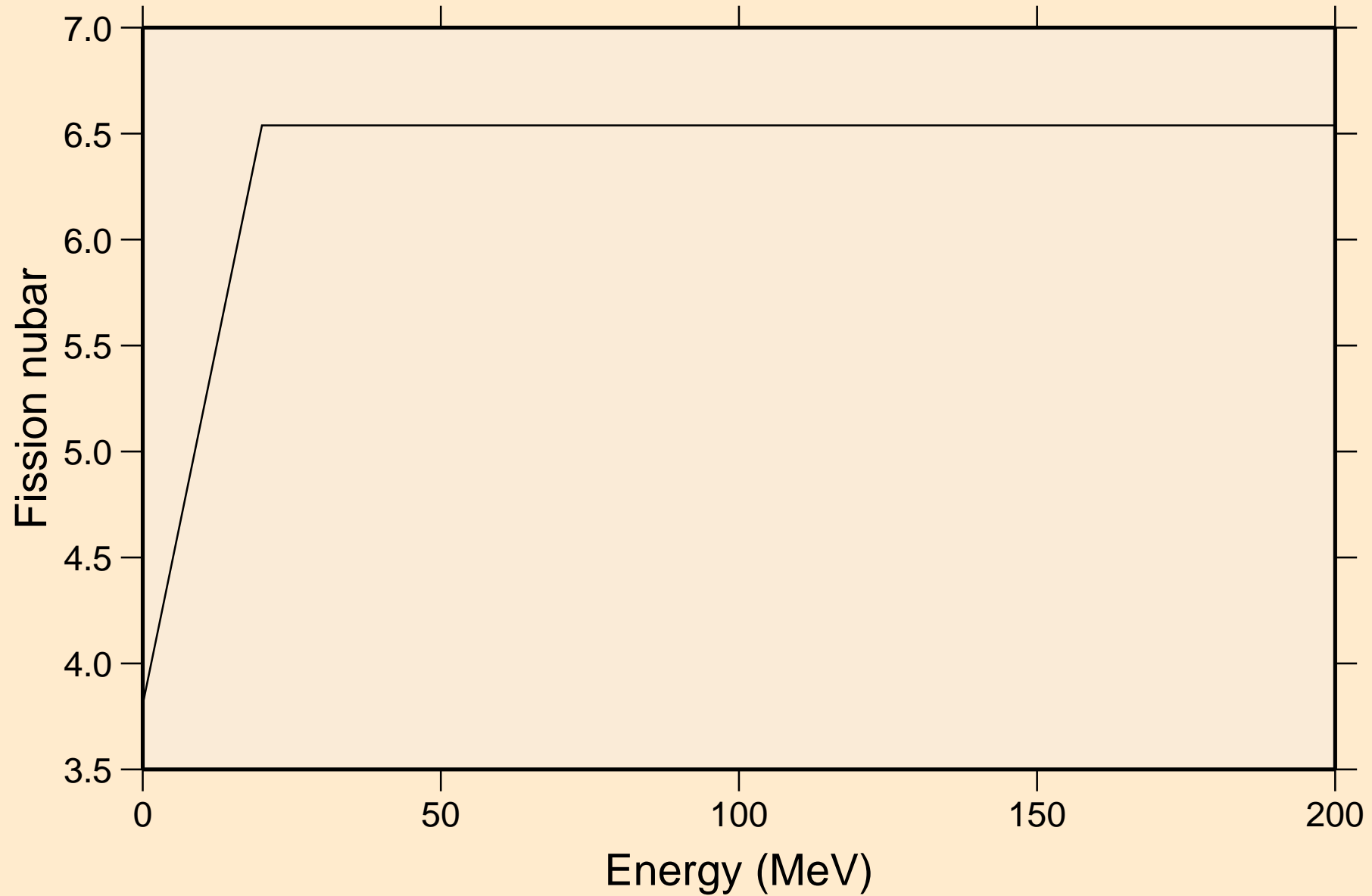
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

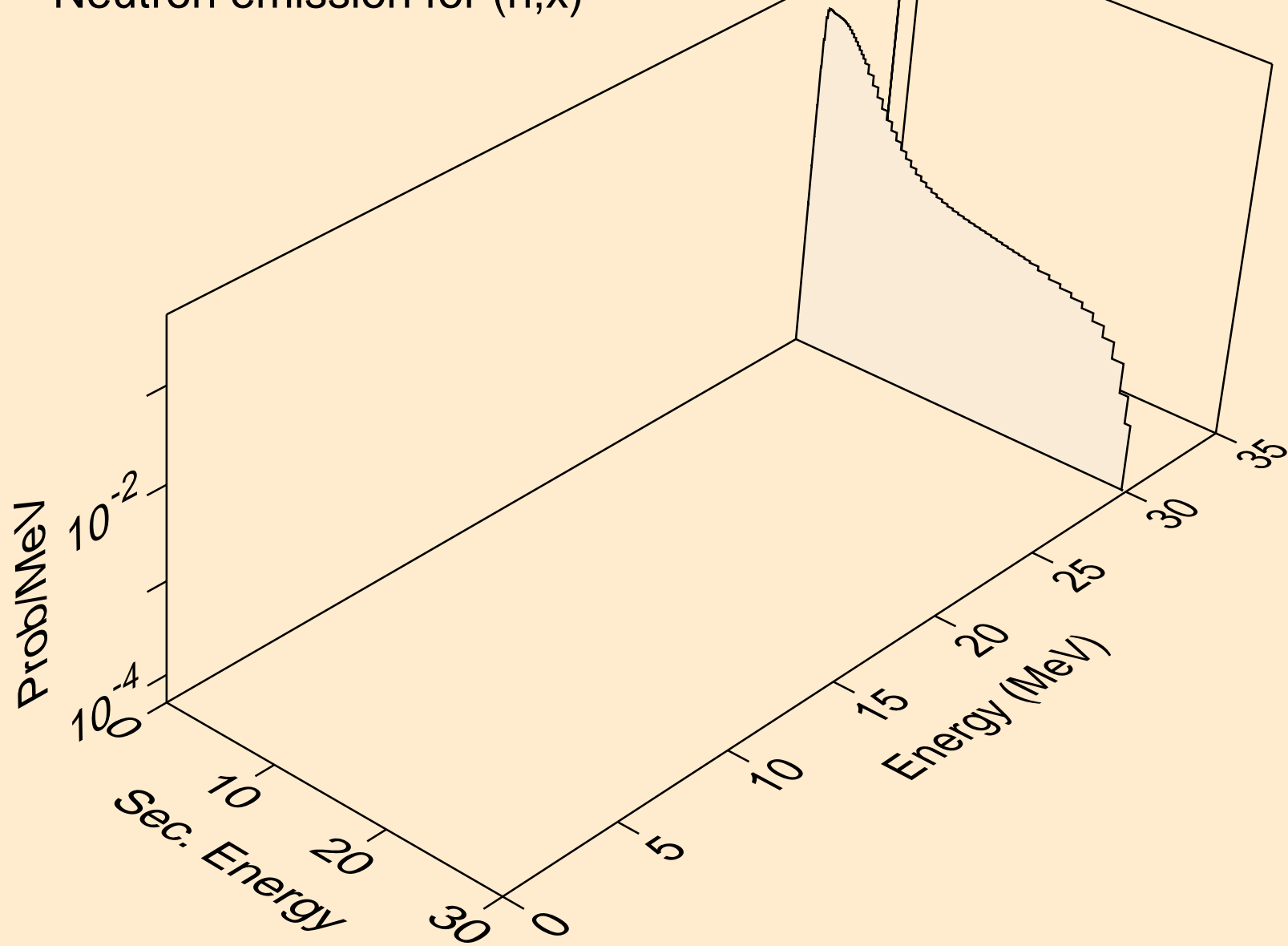


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Total fission nubar

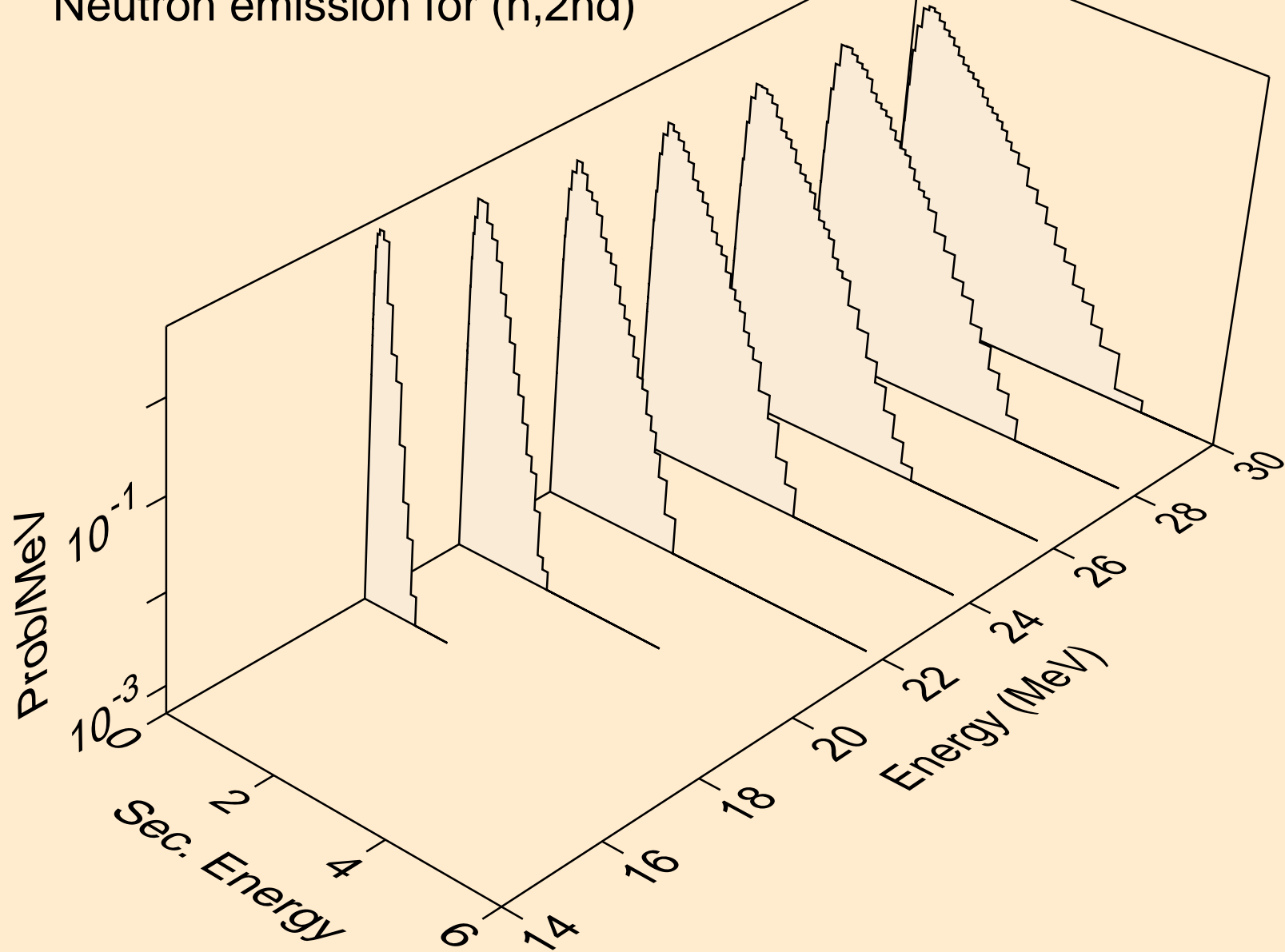




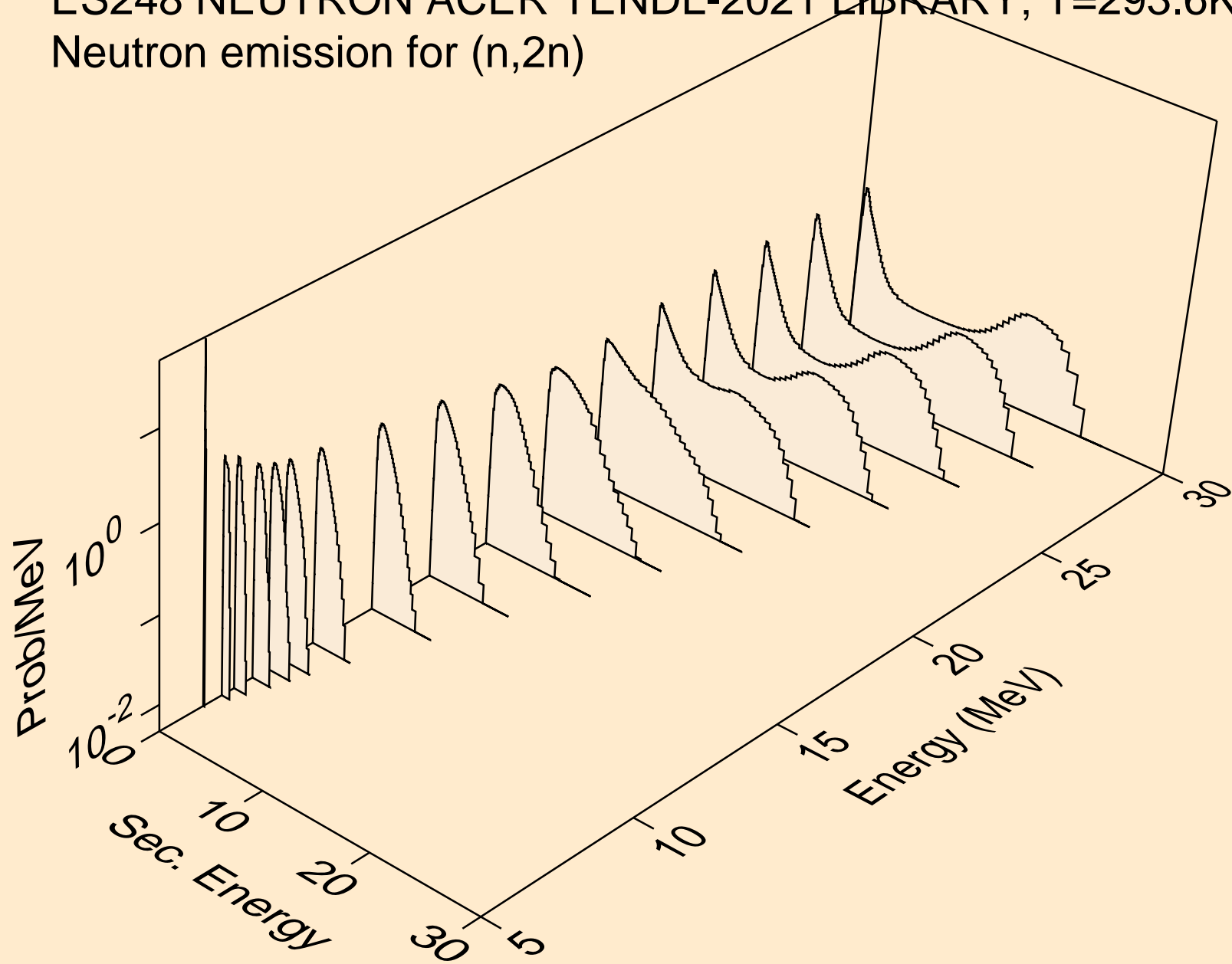
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



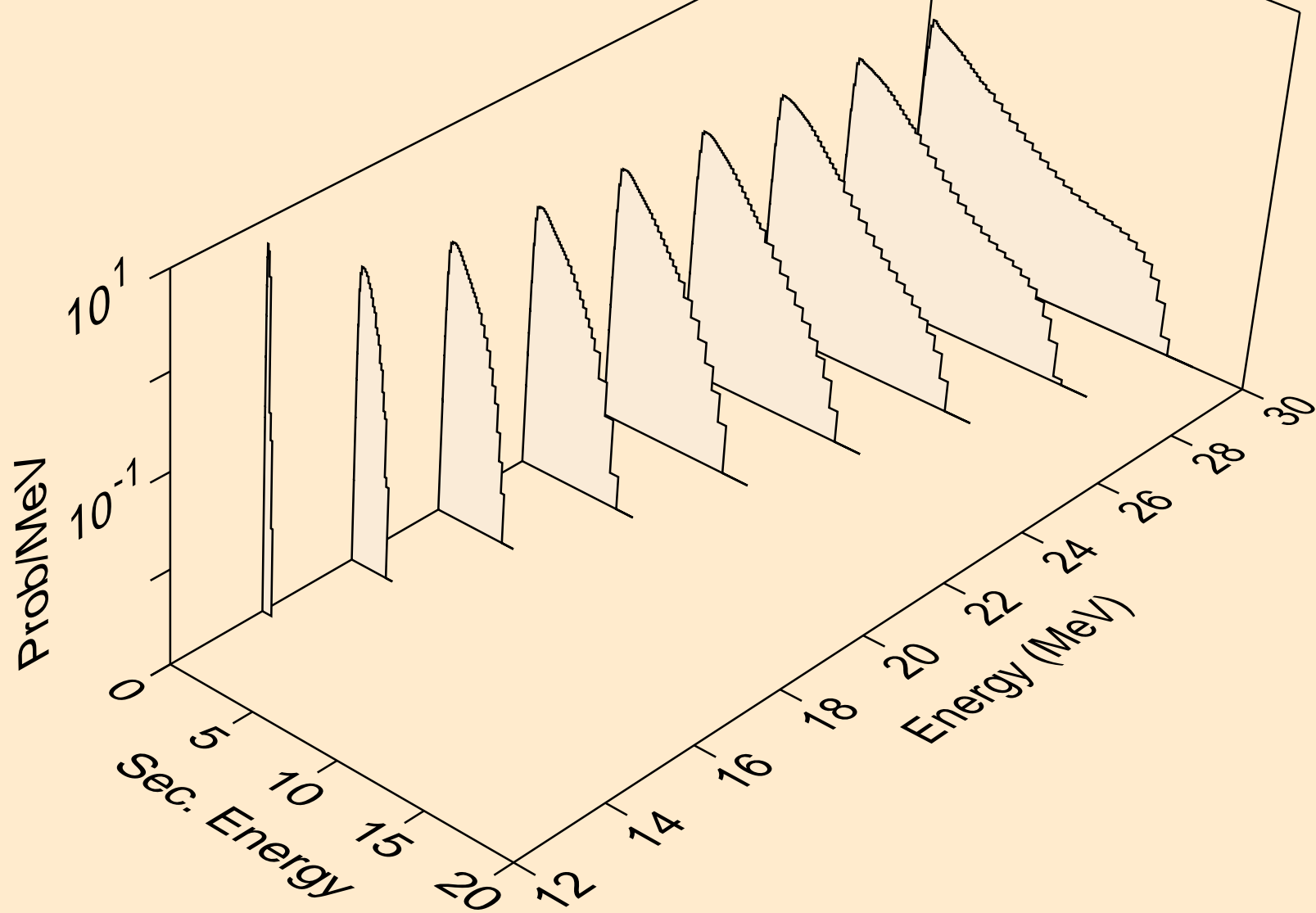
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



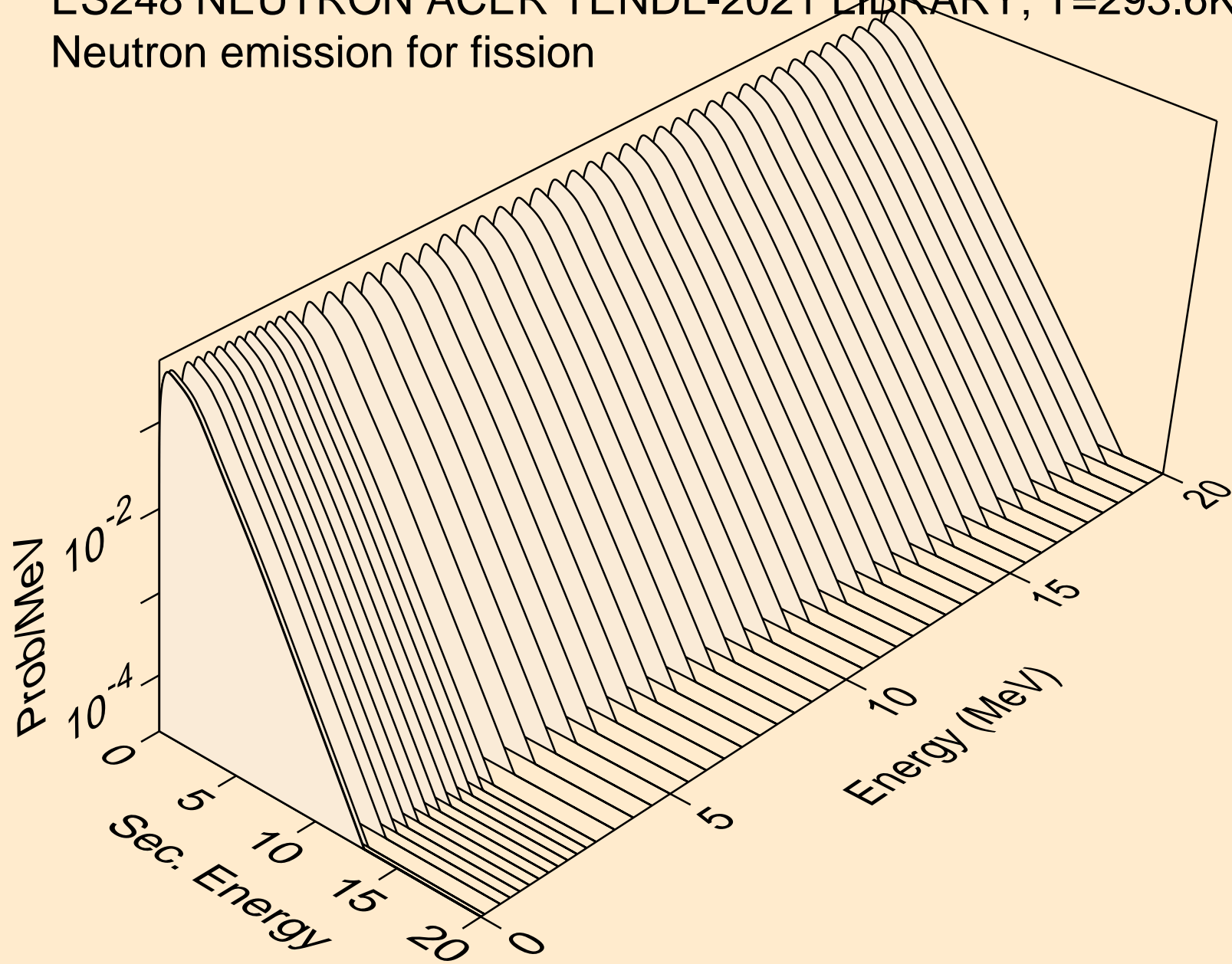
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



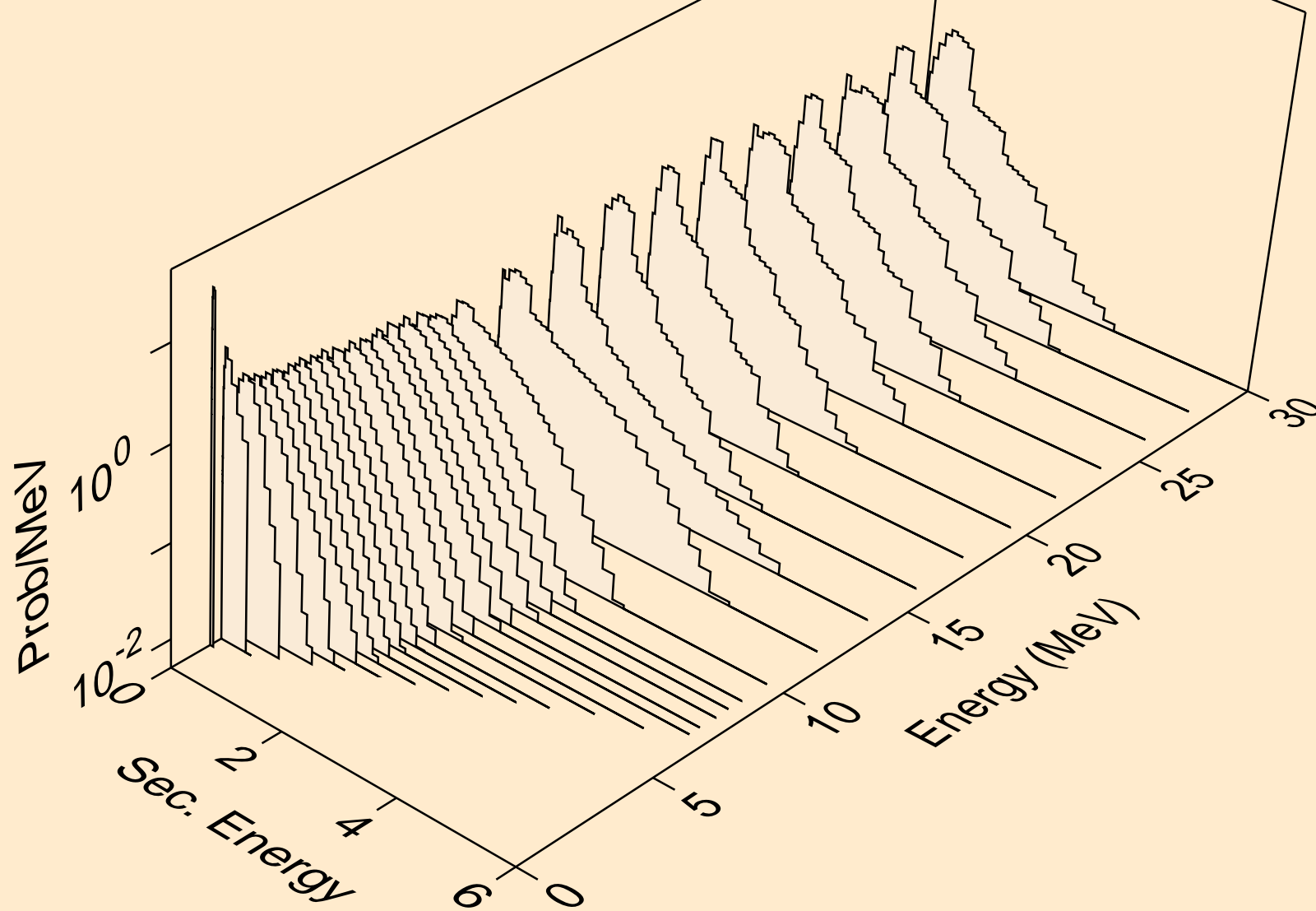
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



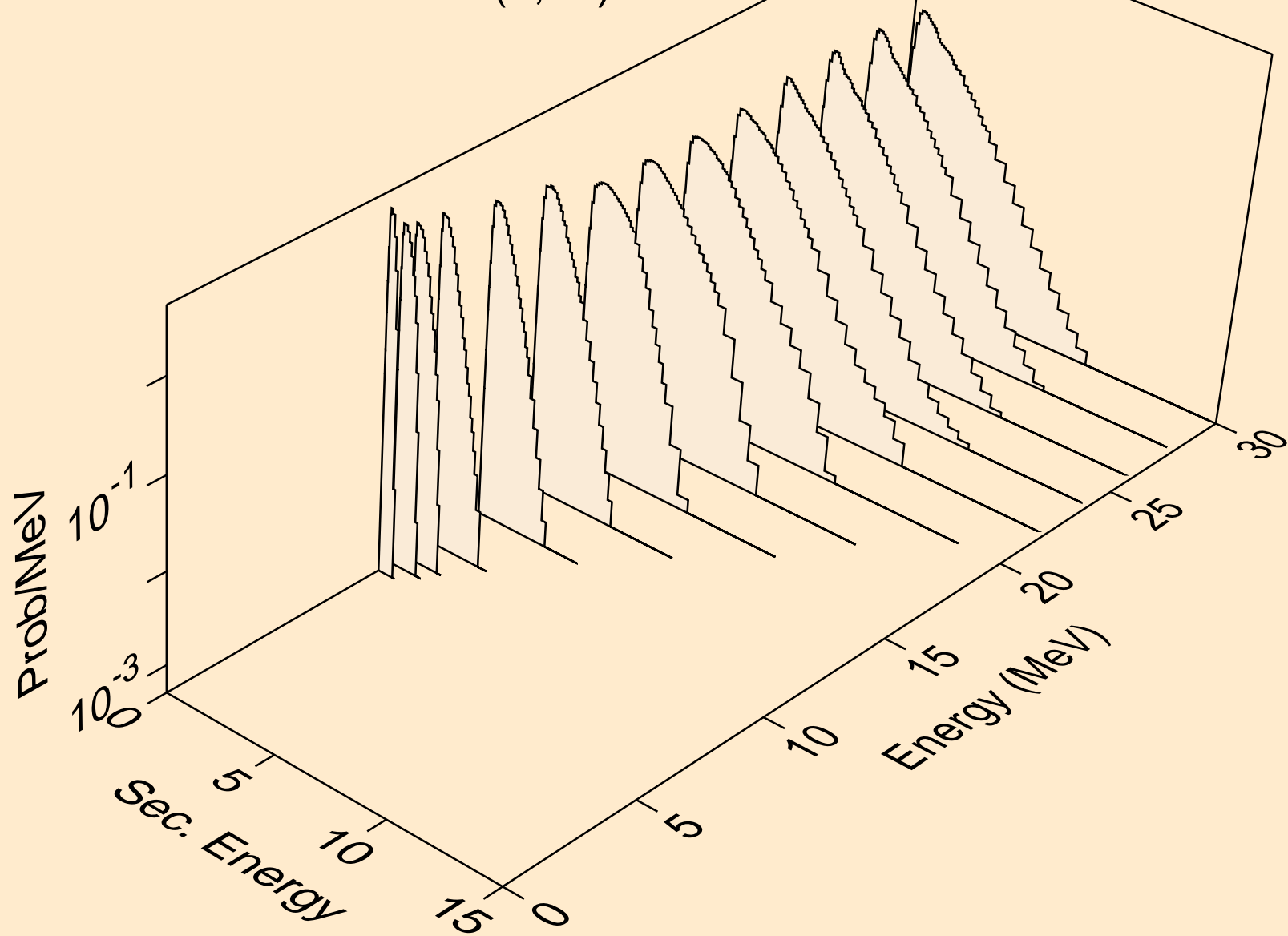
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for fission



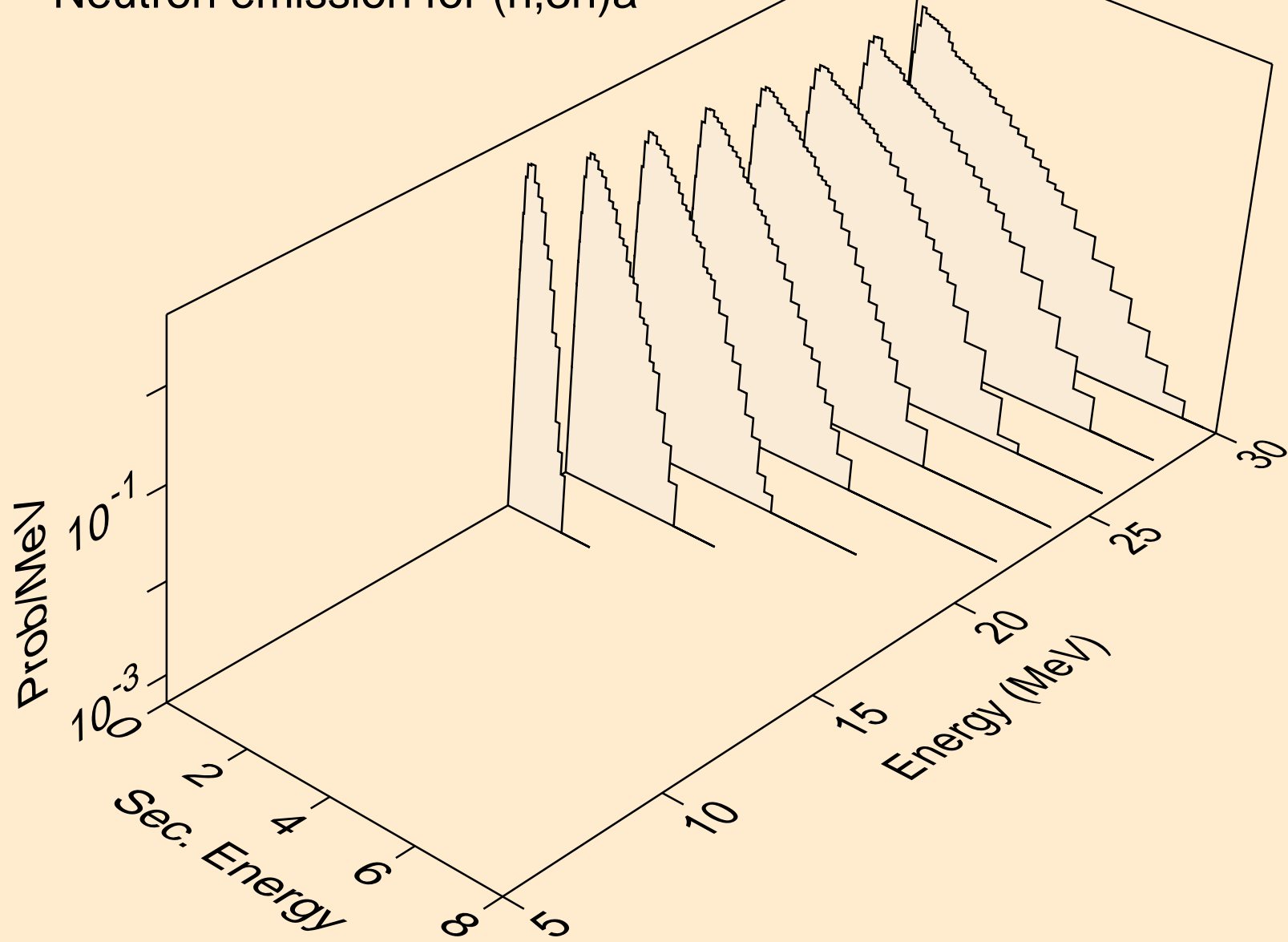
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a

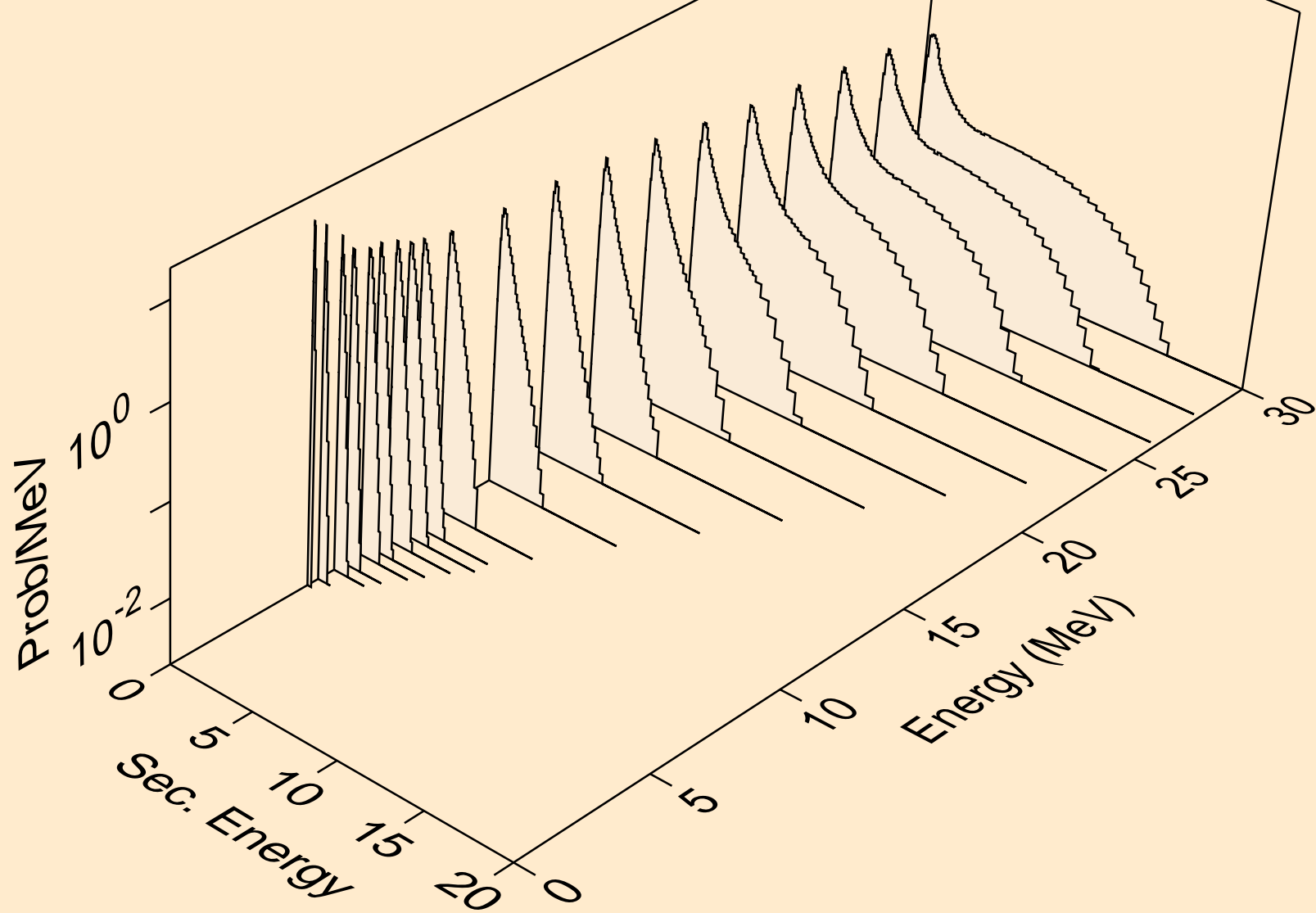


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a

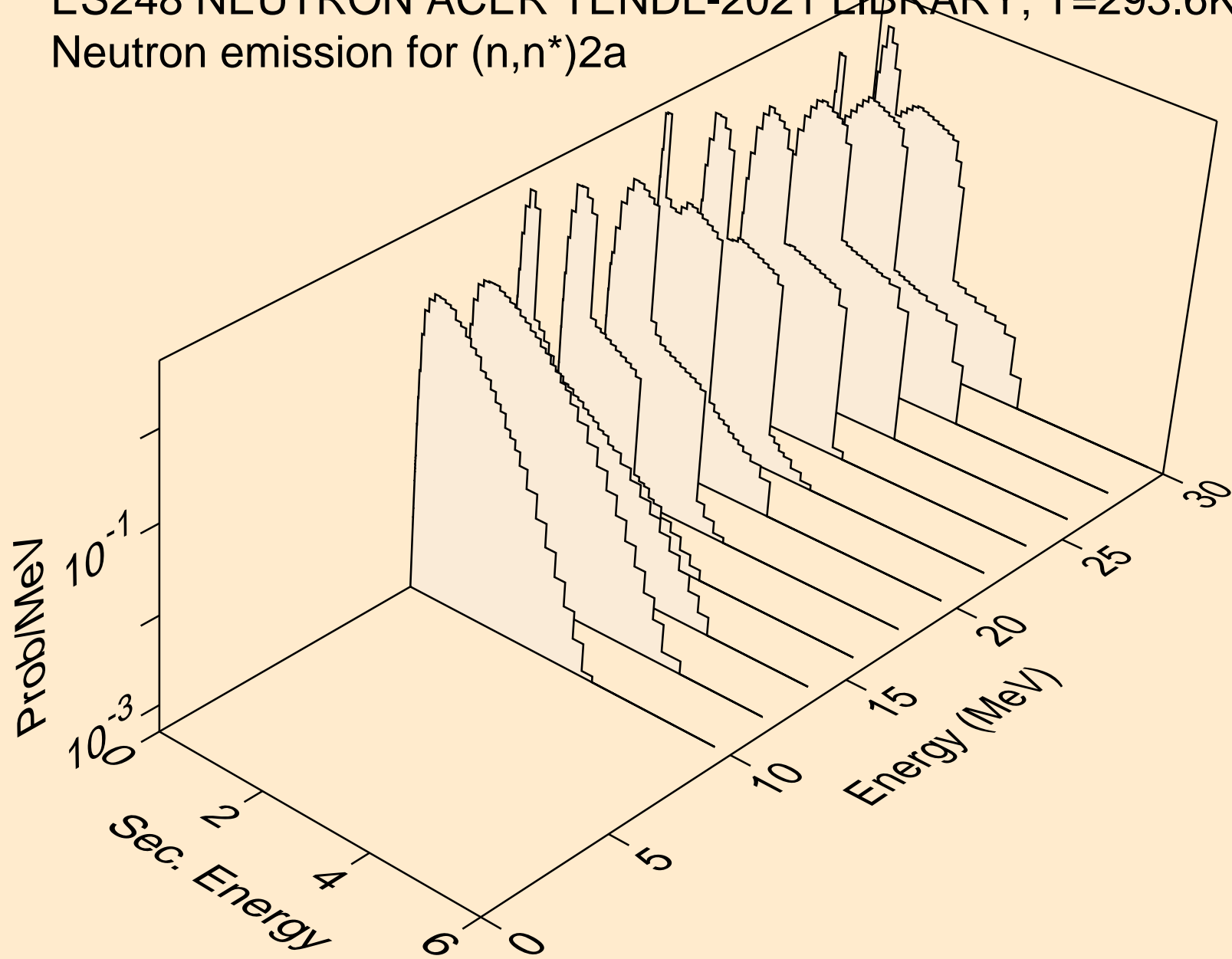




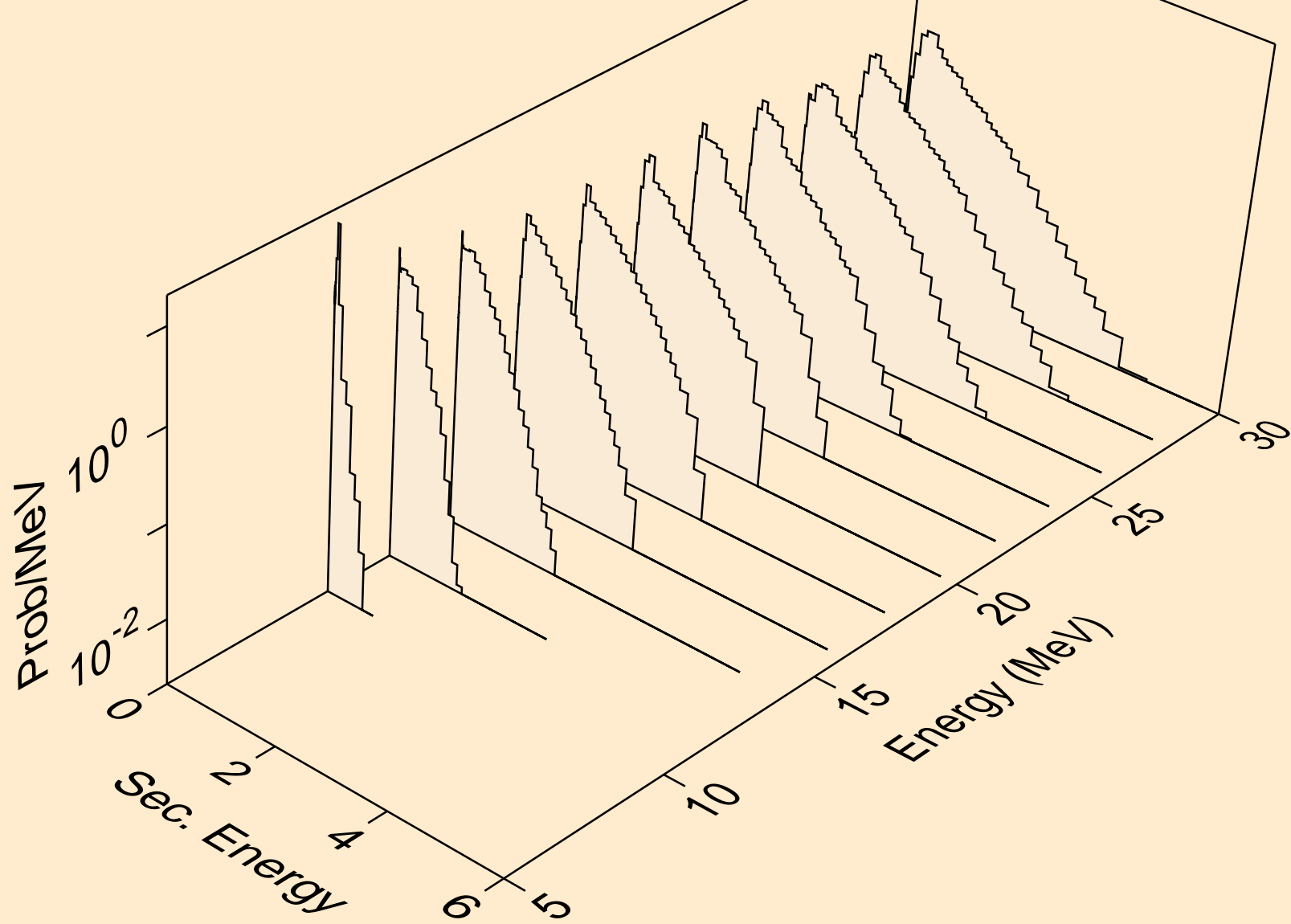
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



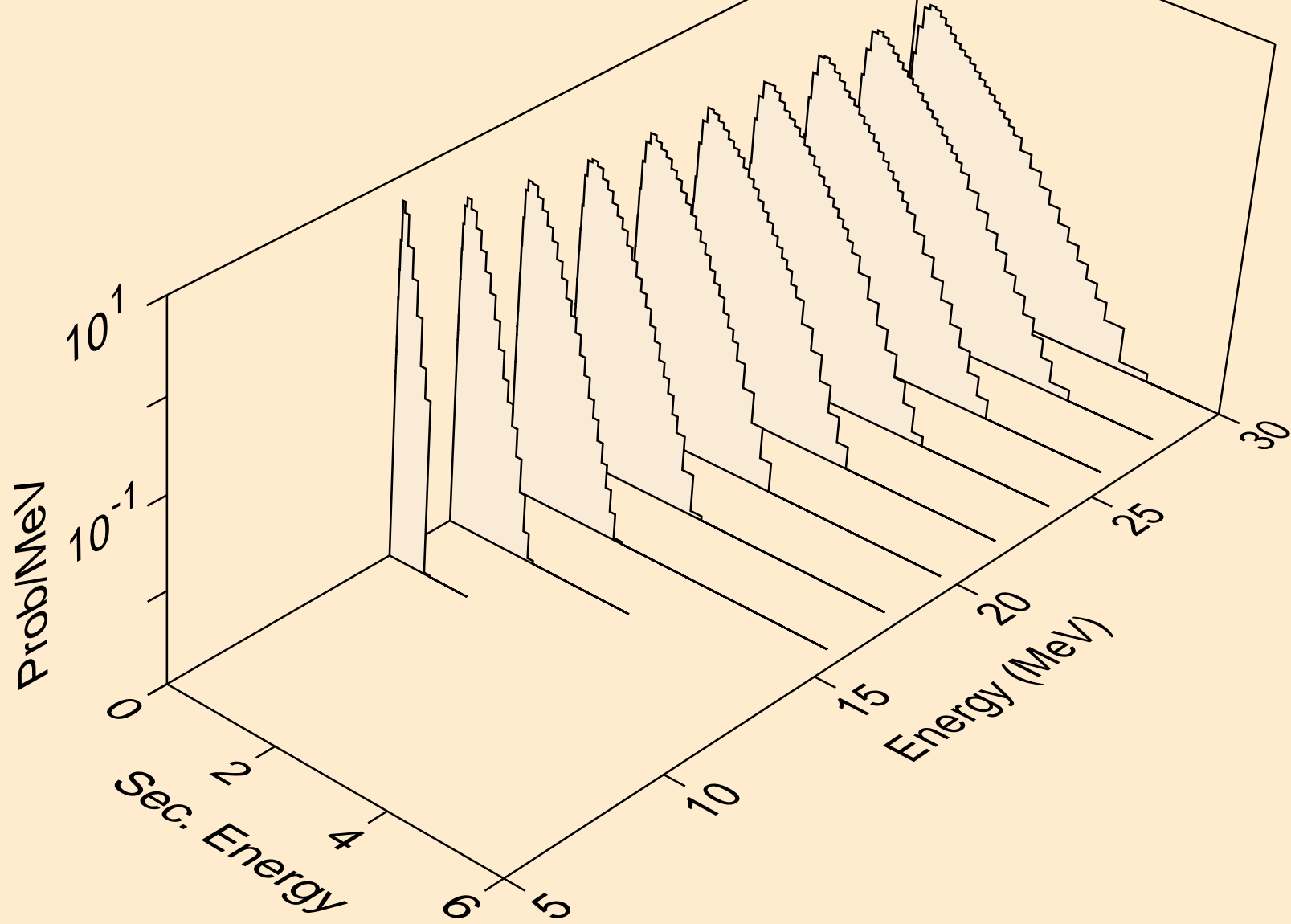
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



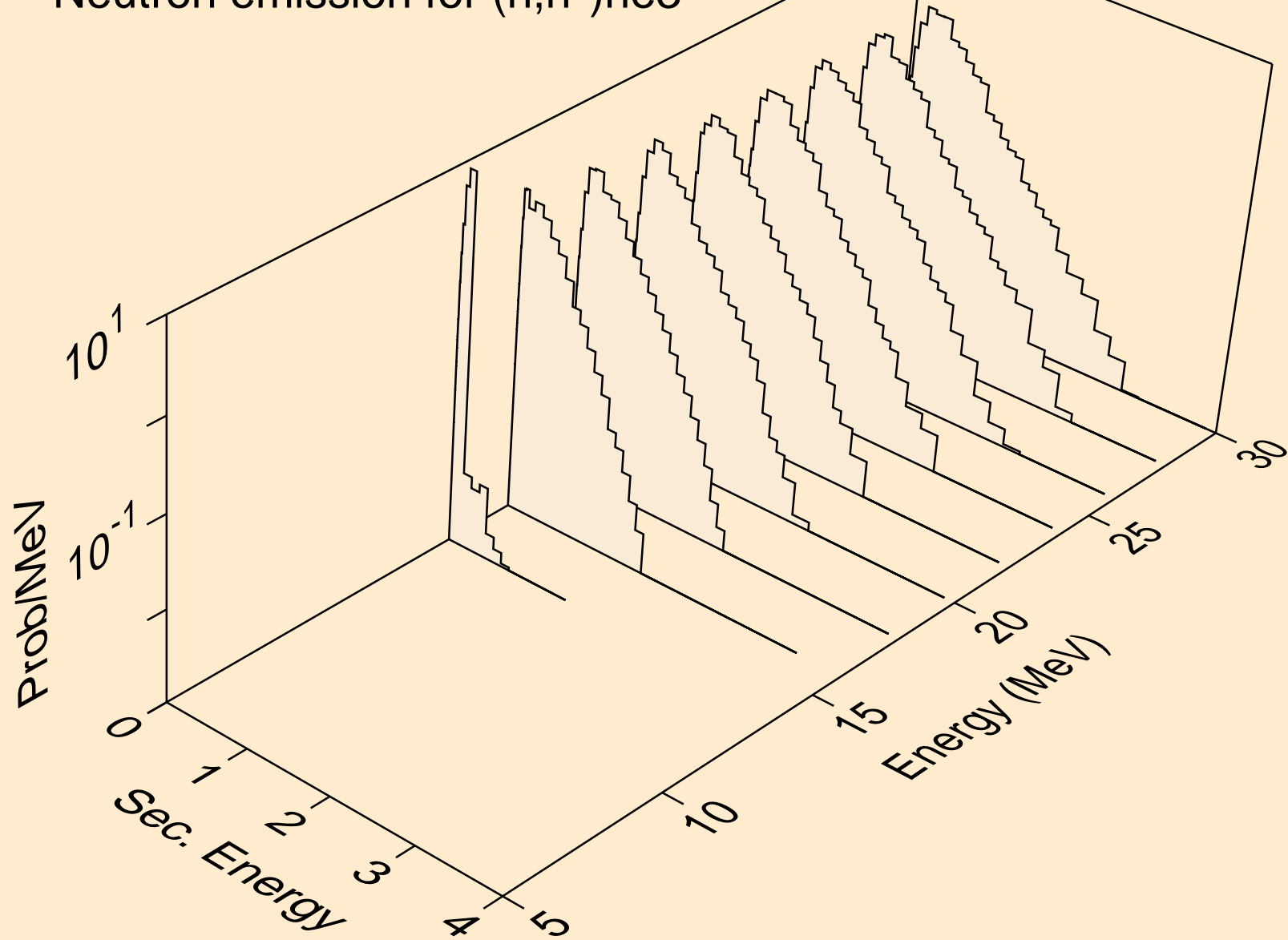
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



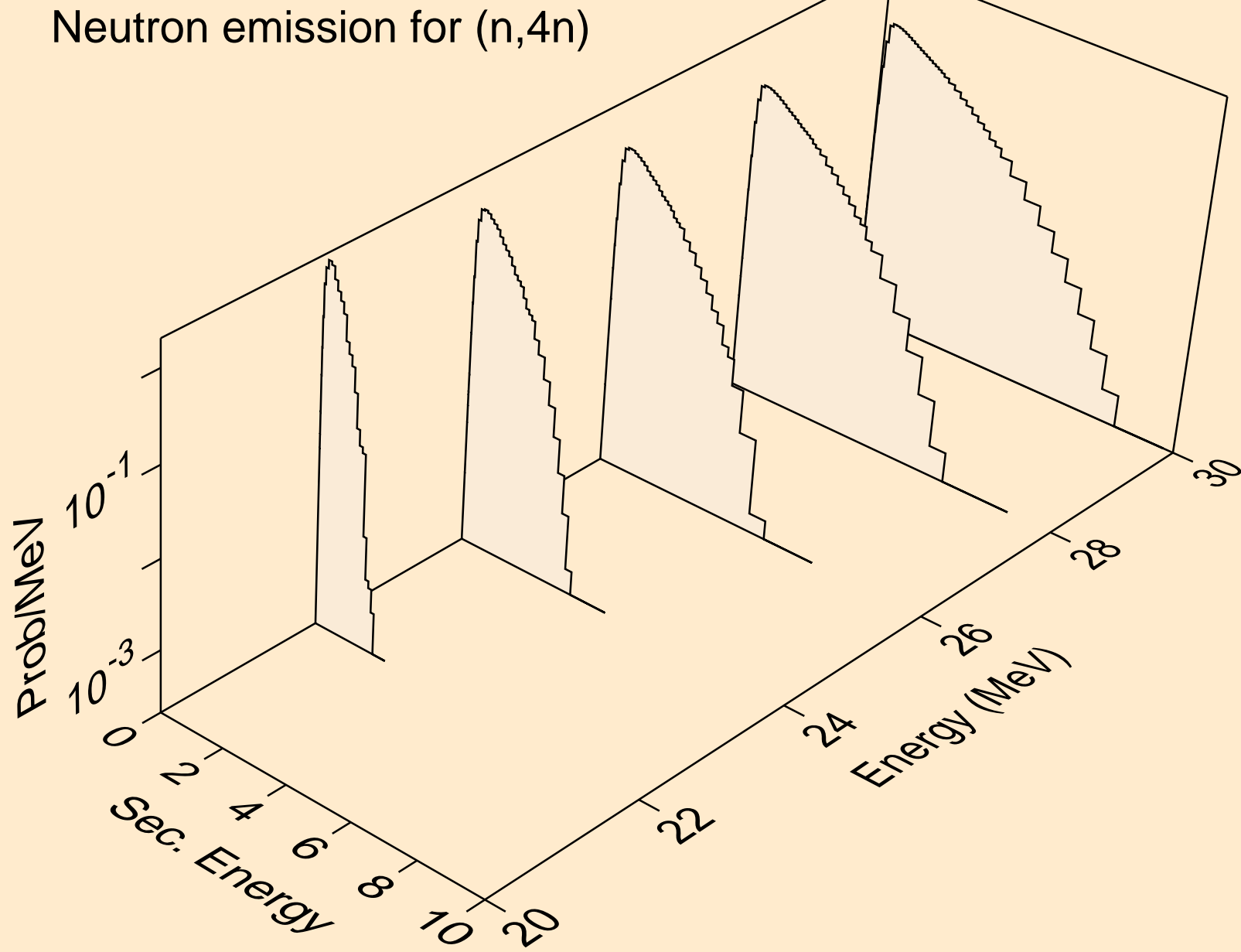
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



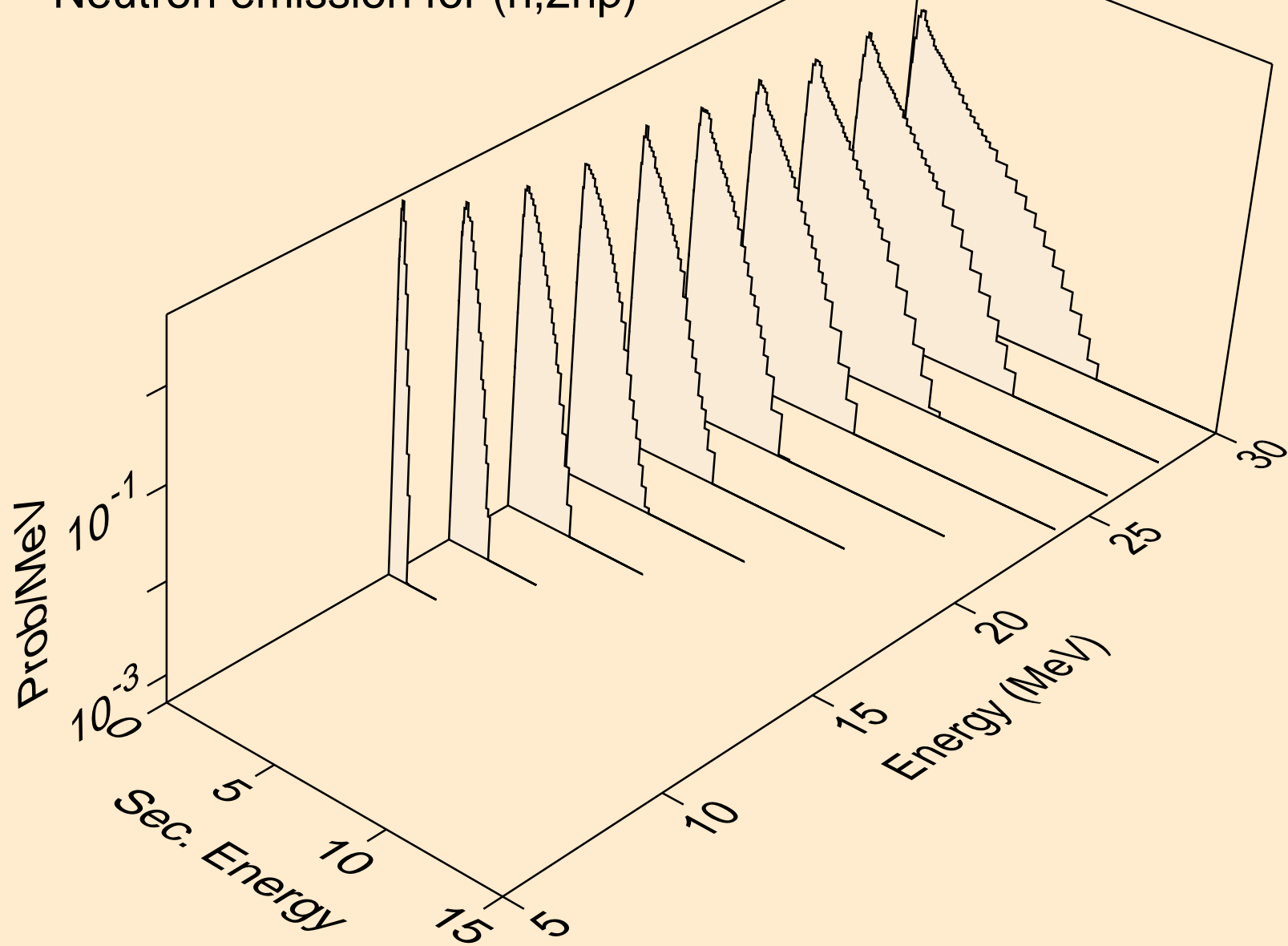
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



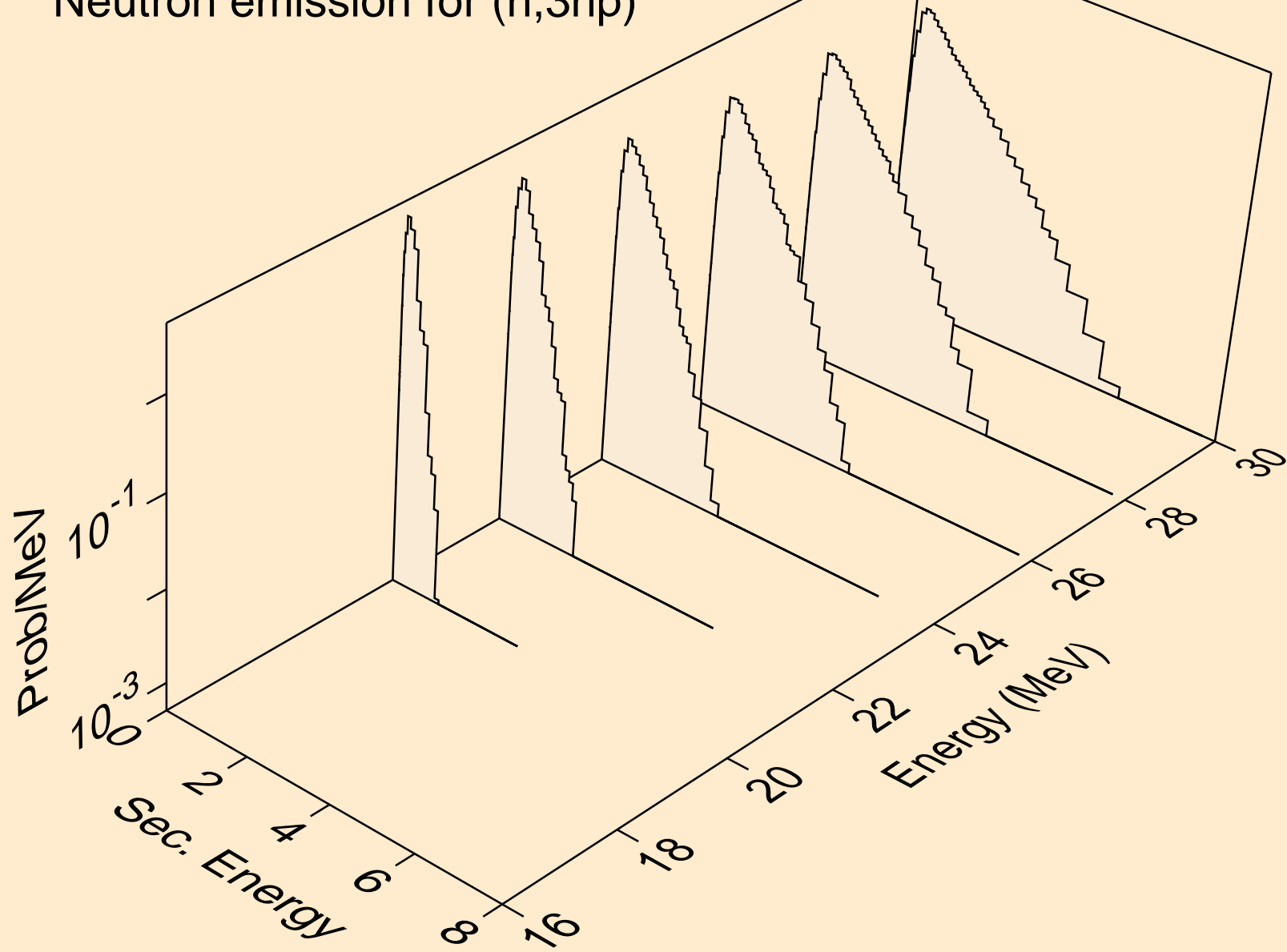
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

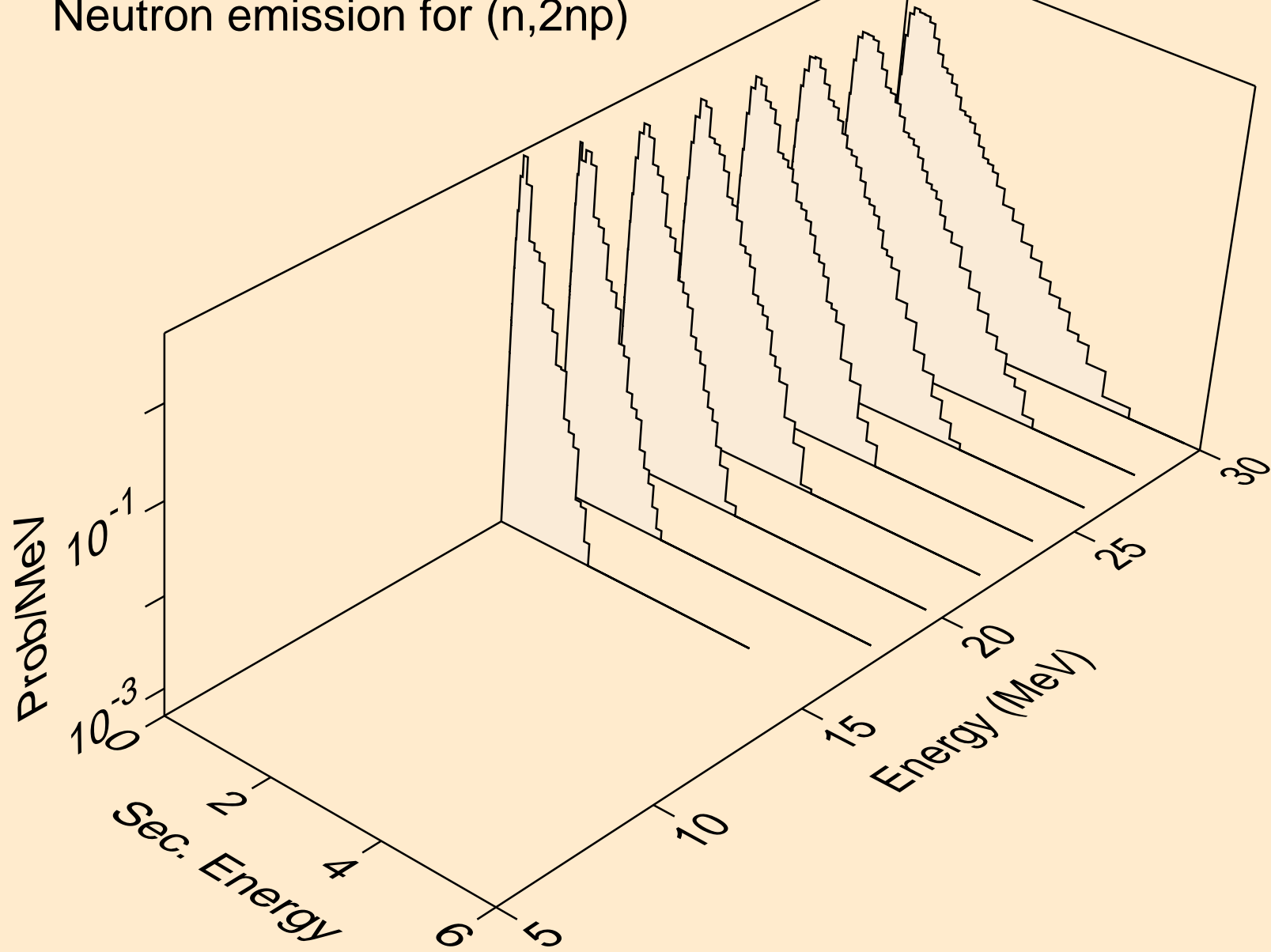


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

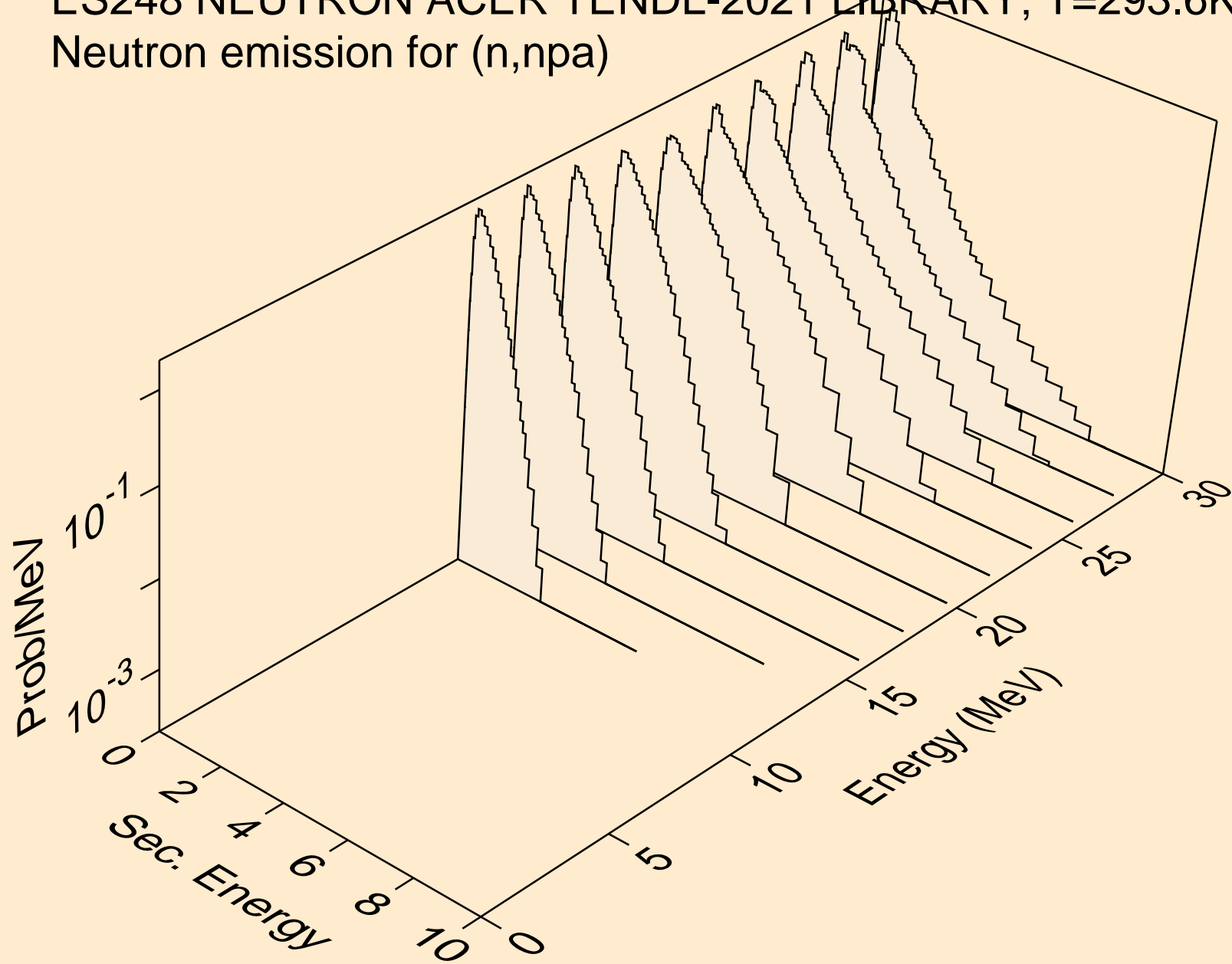




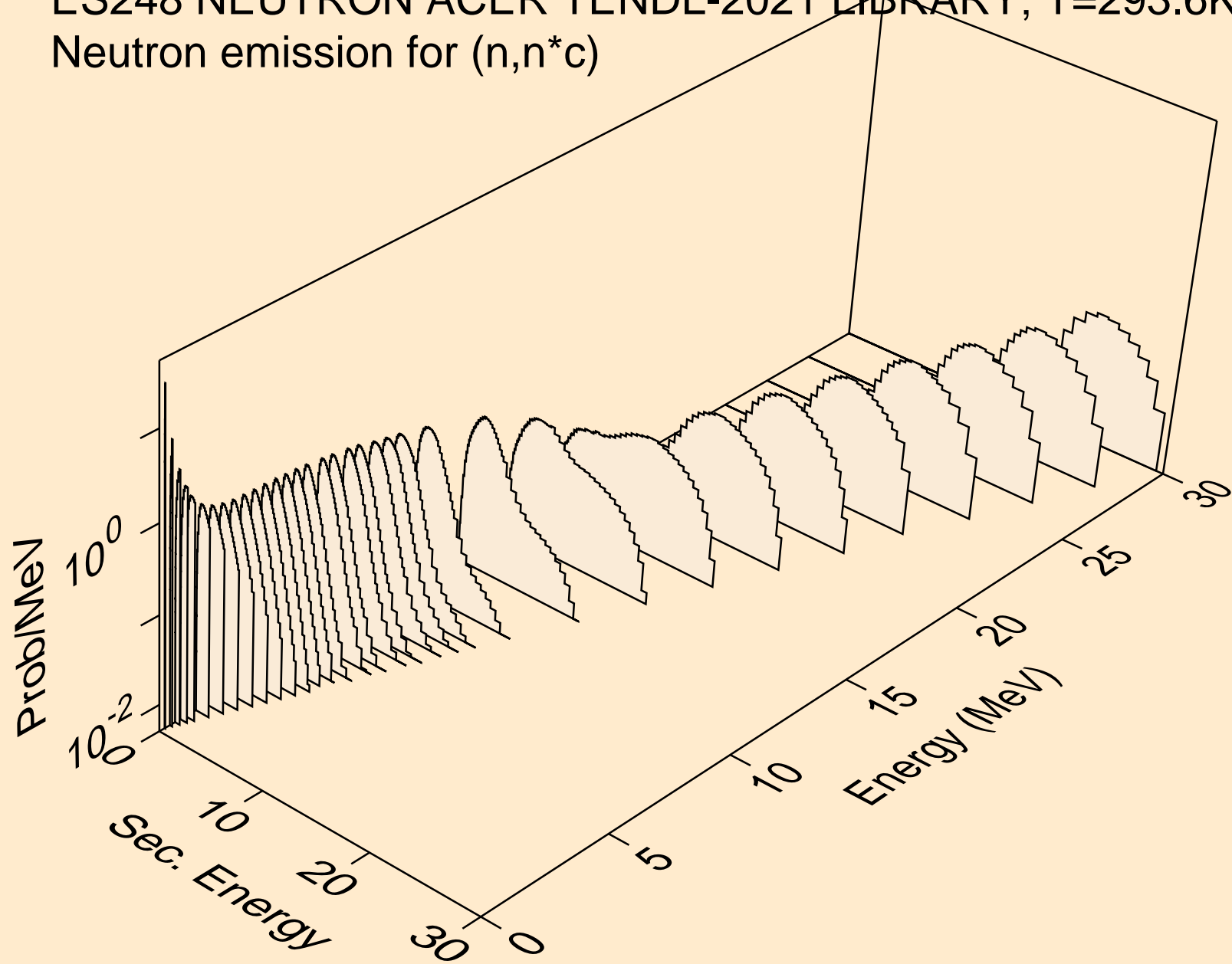
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

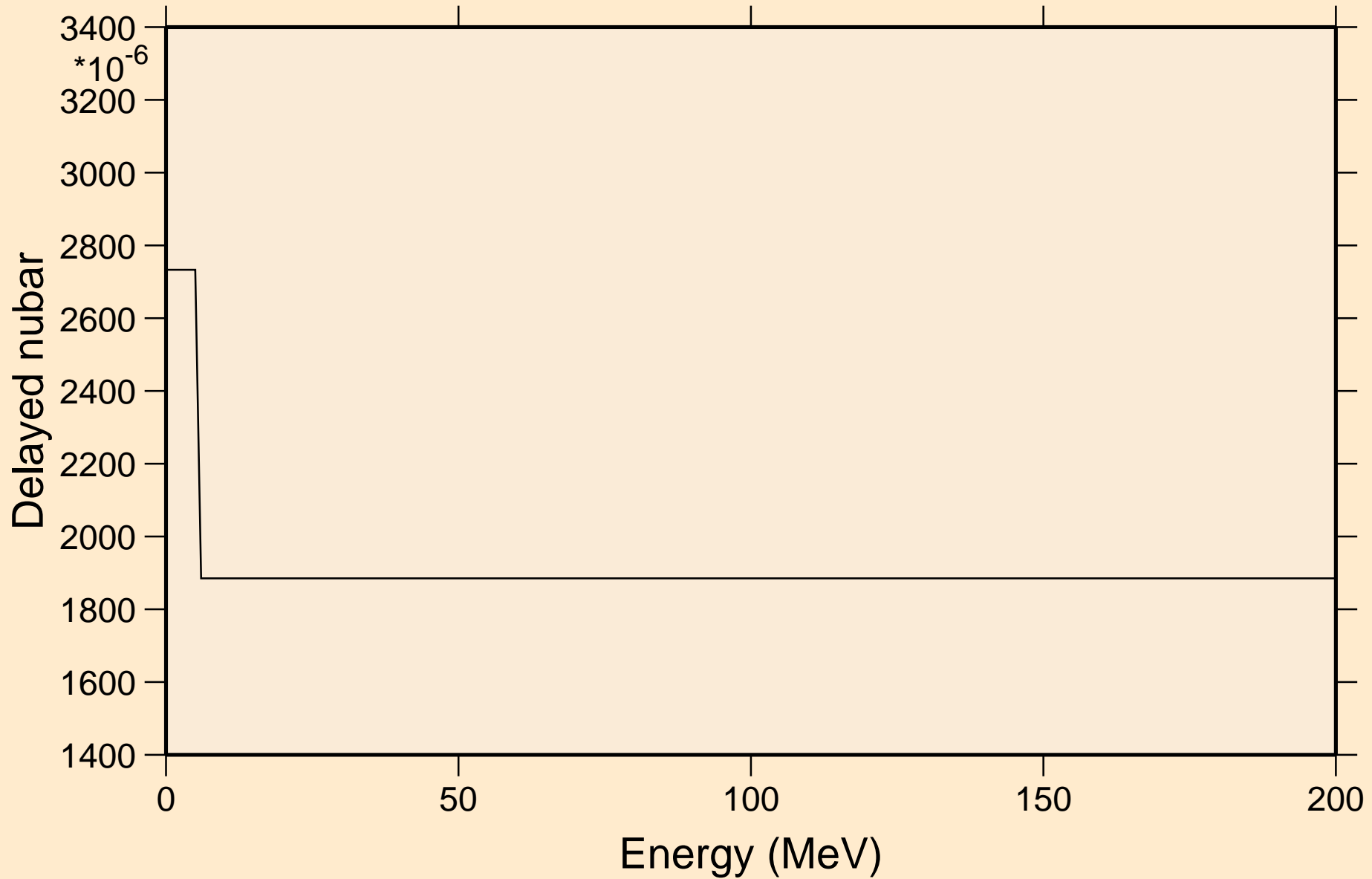


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



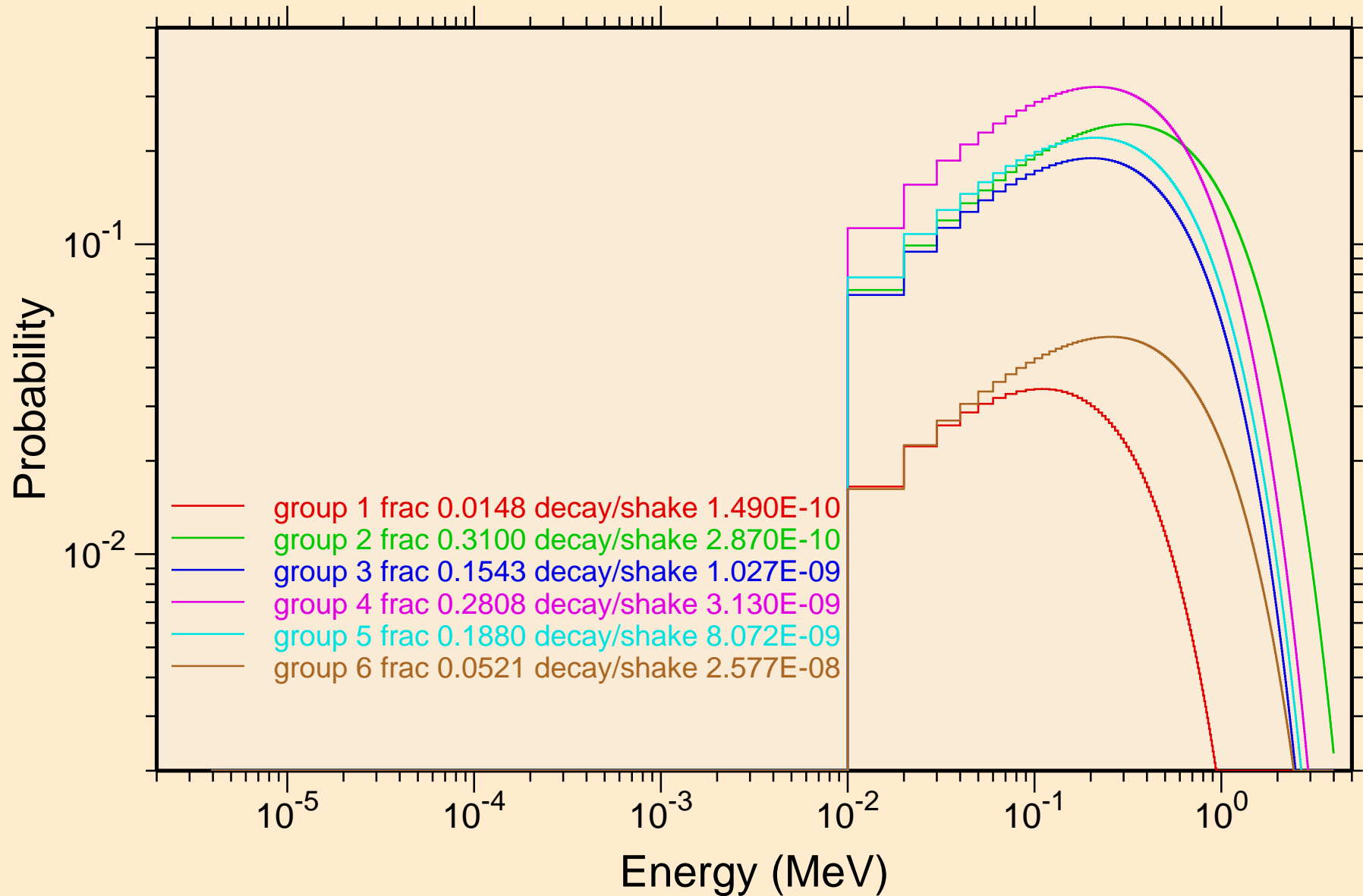
# ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Delayed nubar

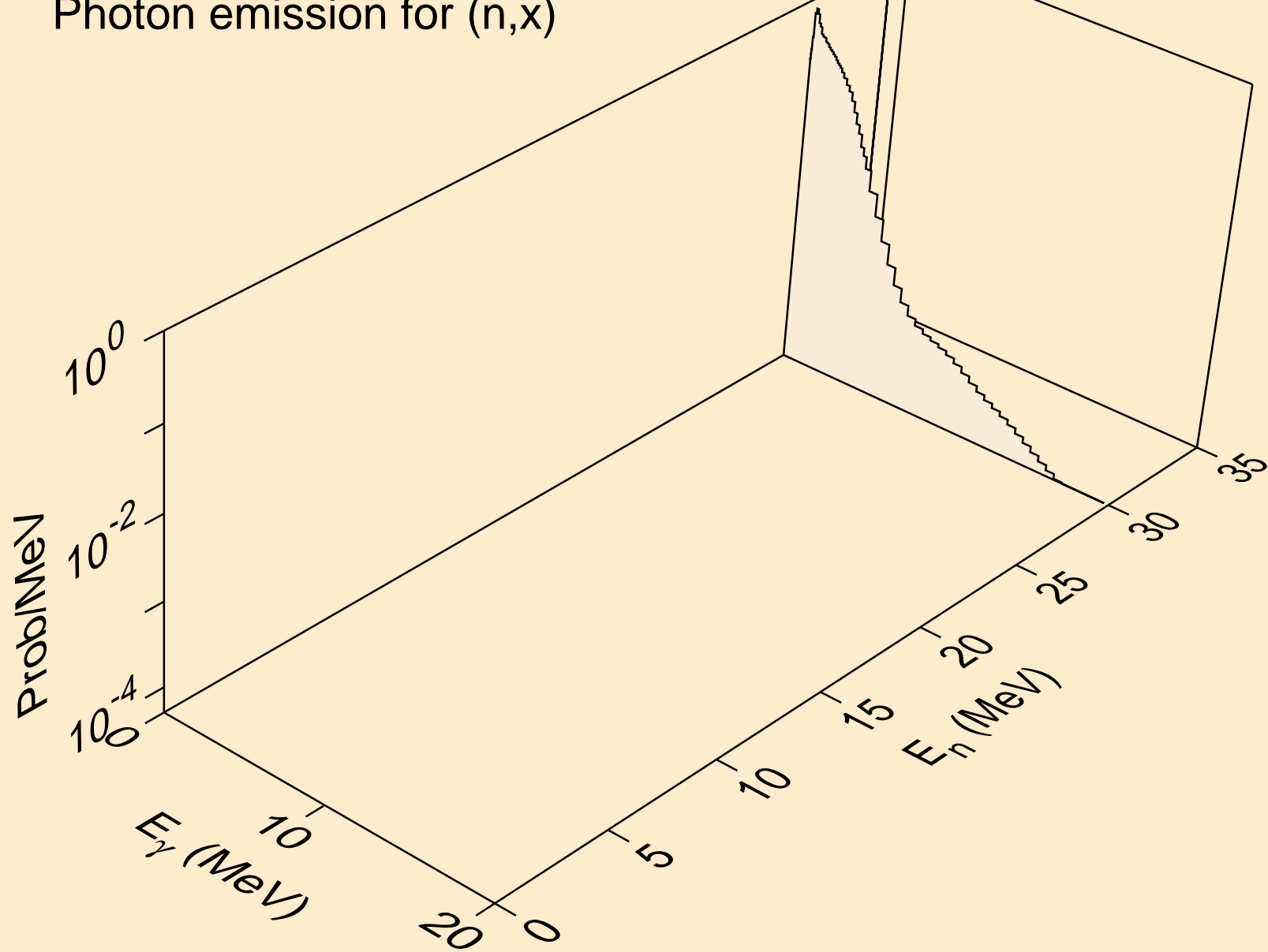


# ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

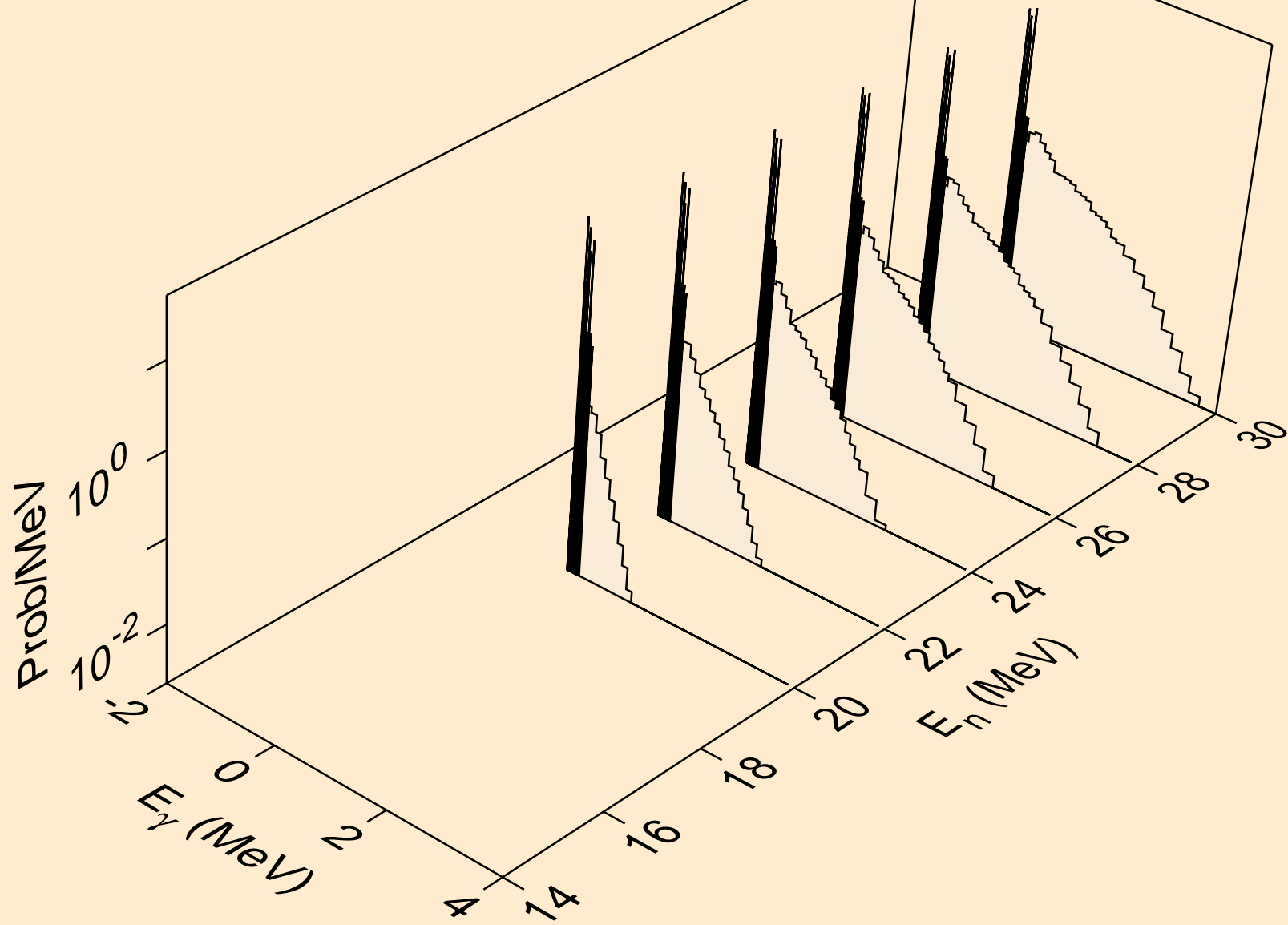
## Delayed neutron spectra



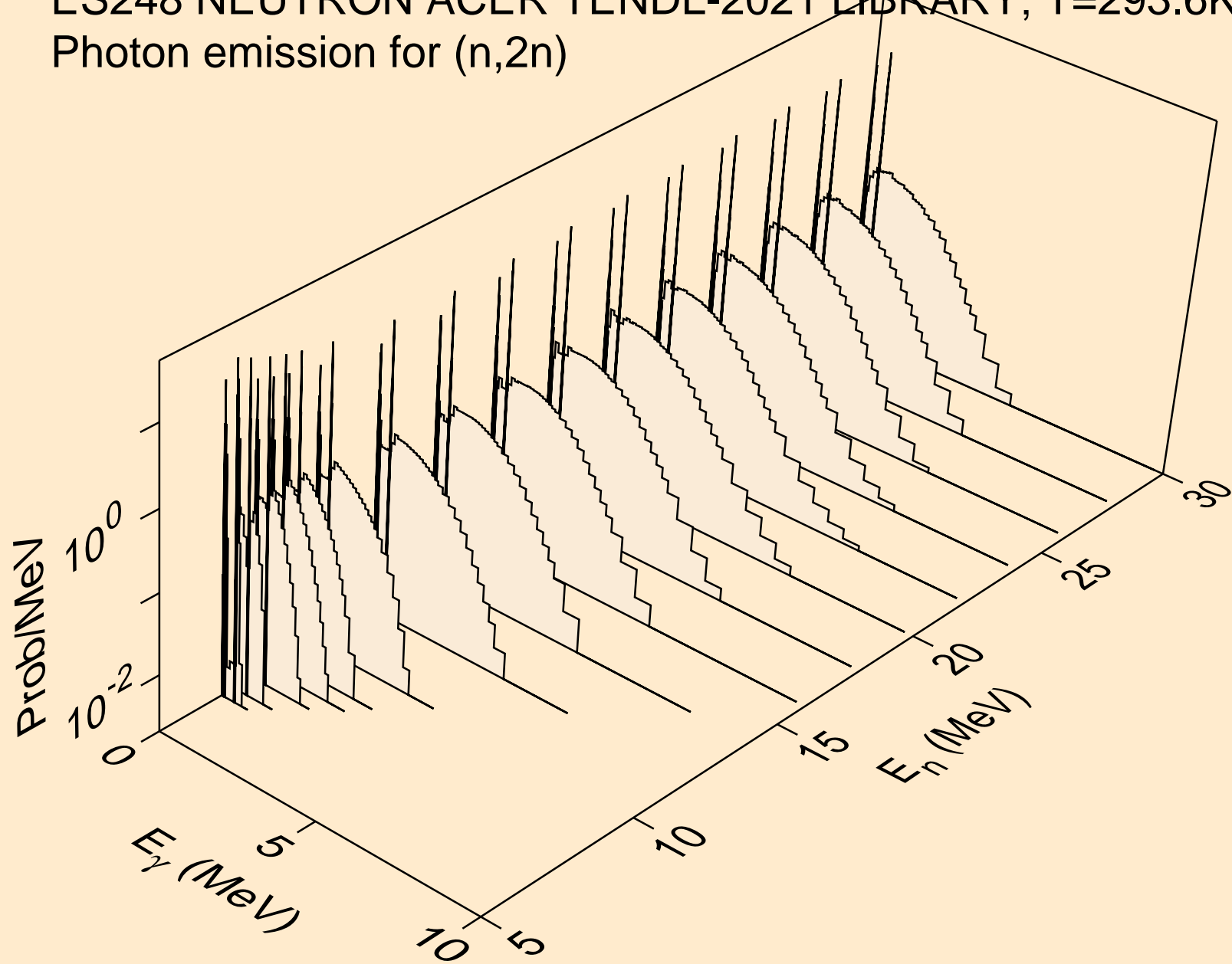
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

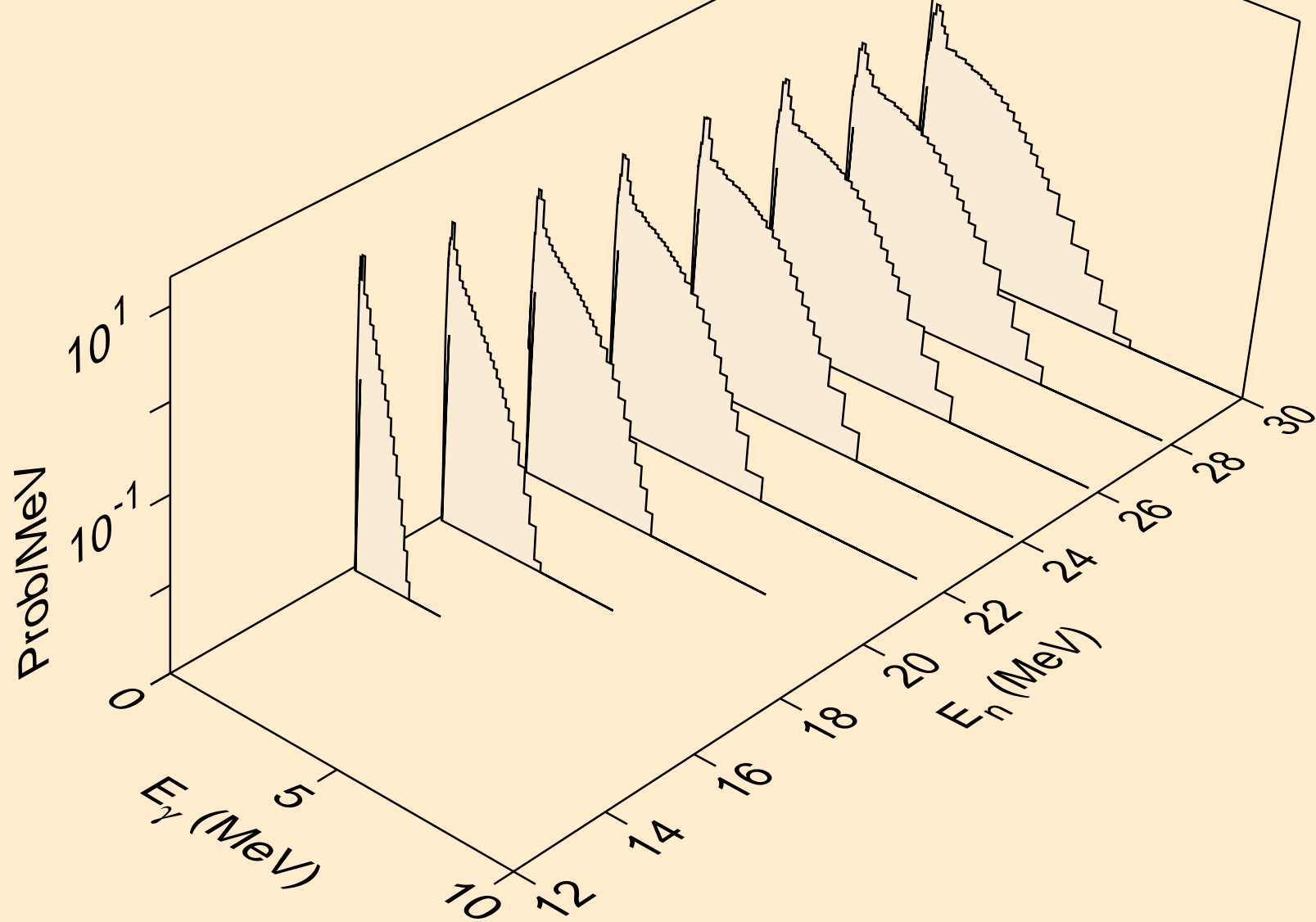


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

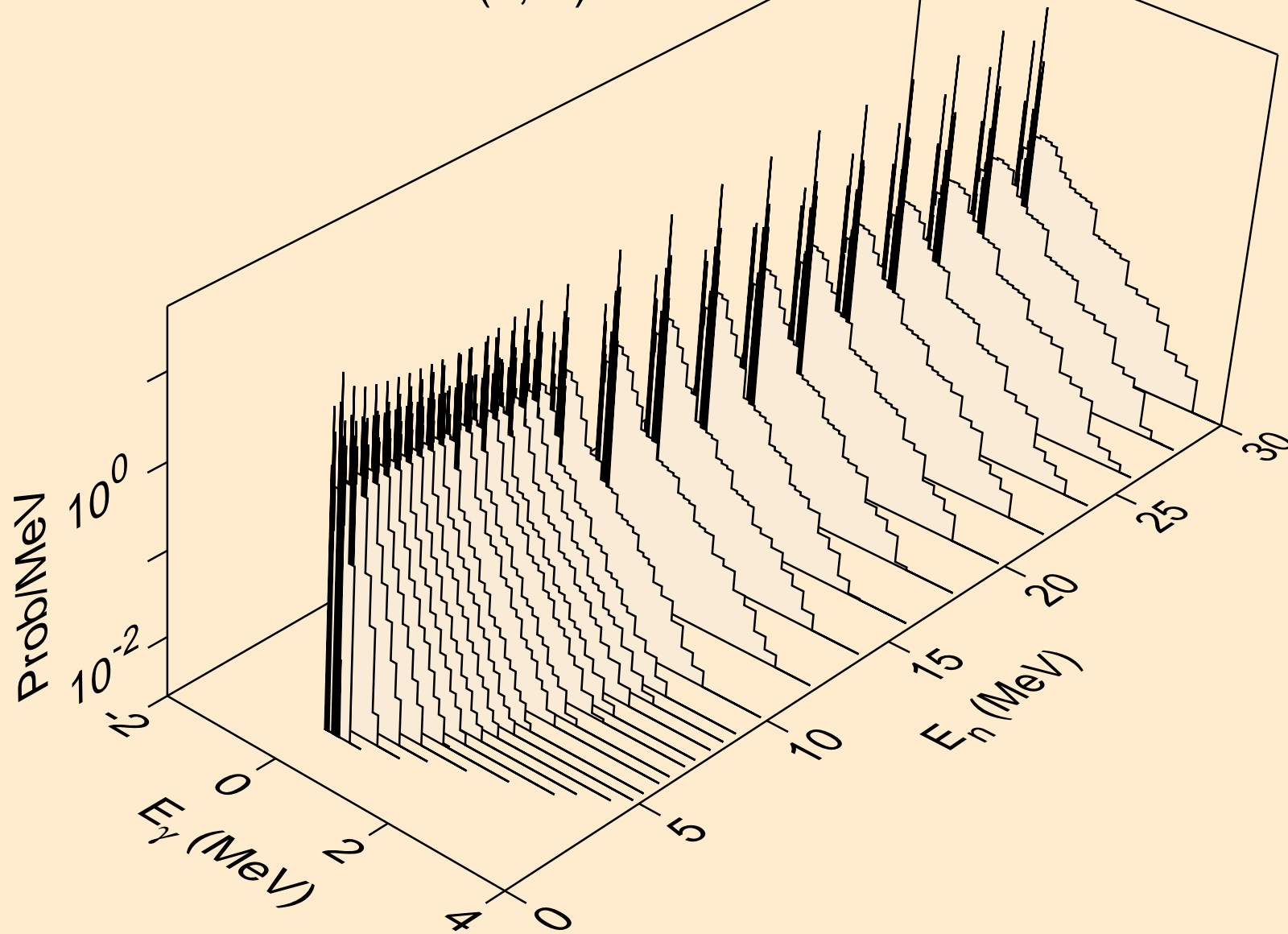




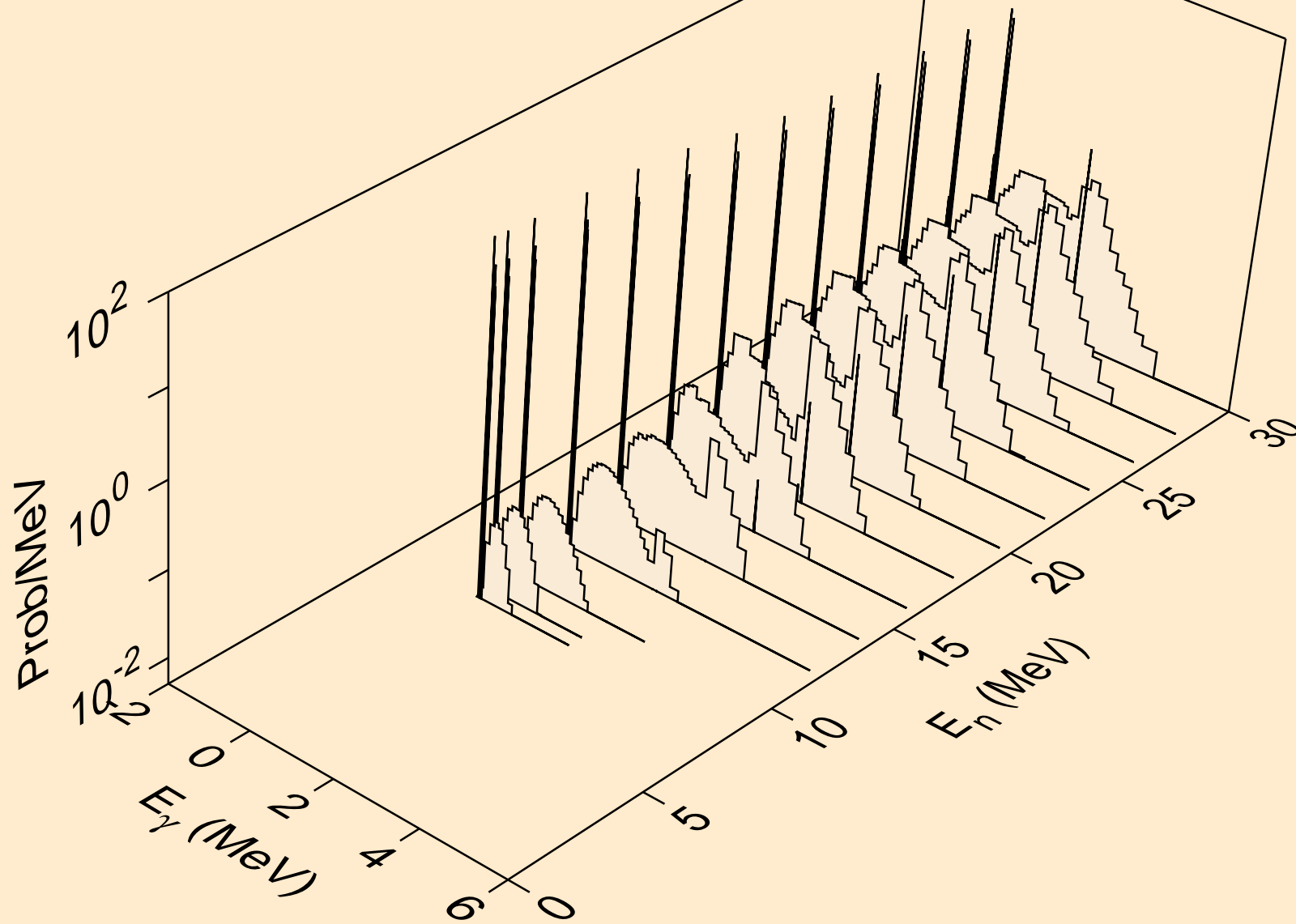
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



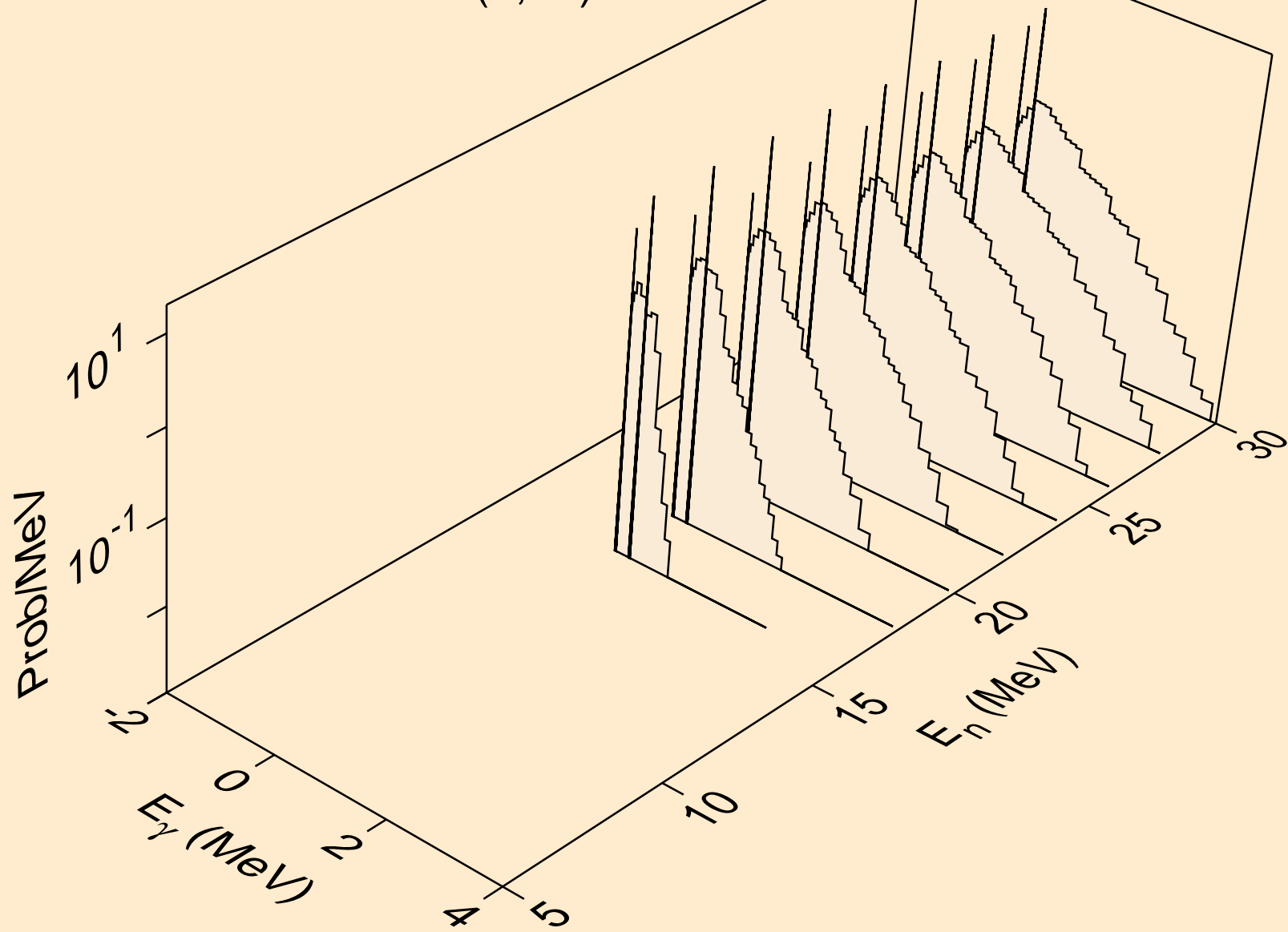
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



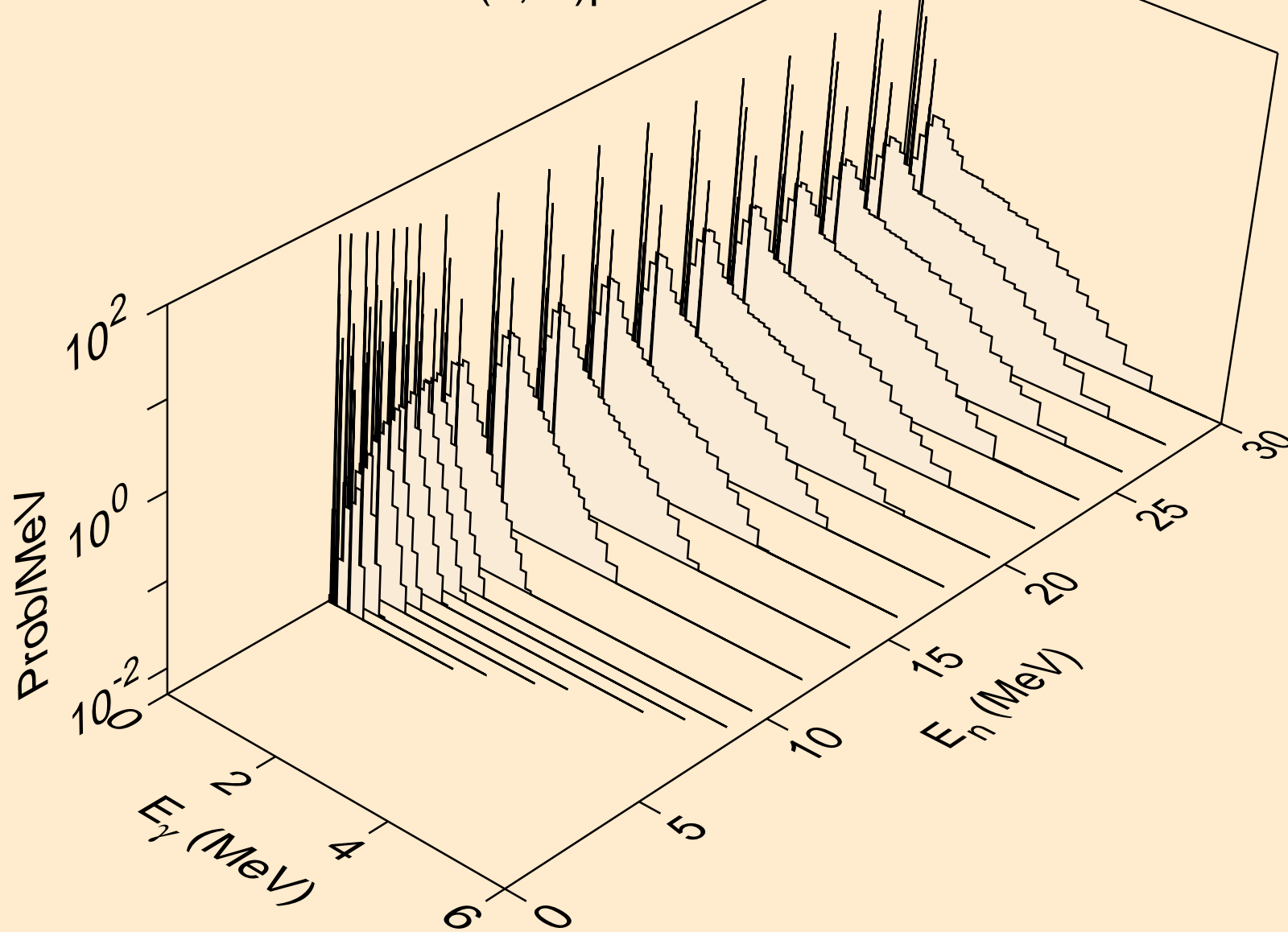
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



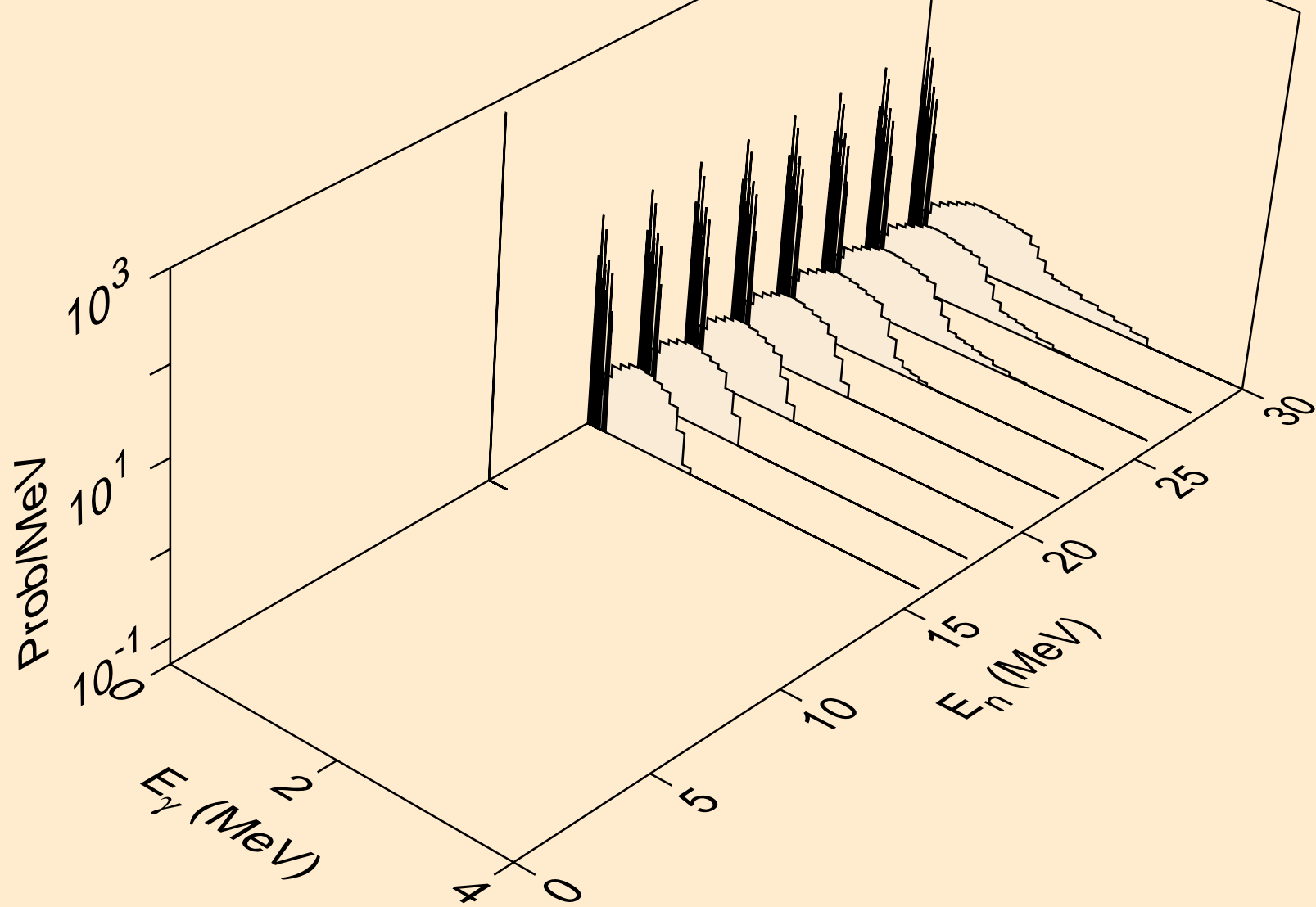
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



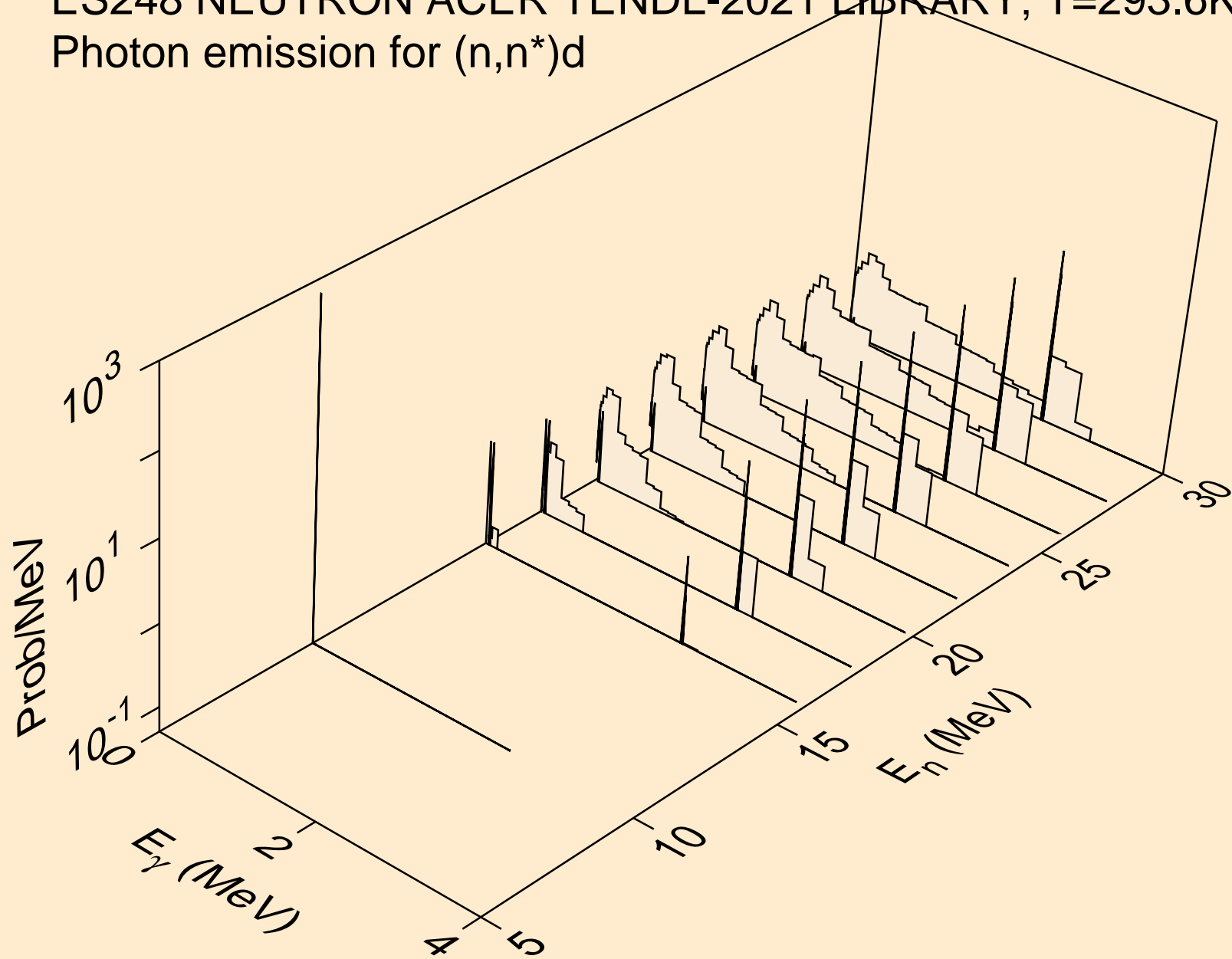
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



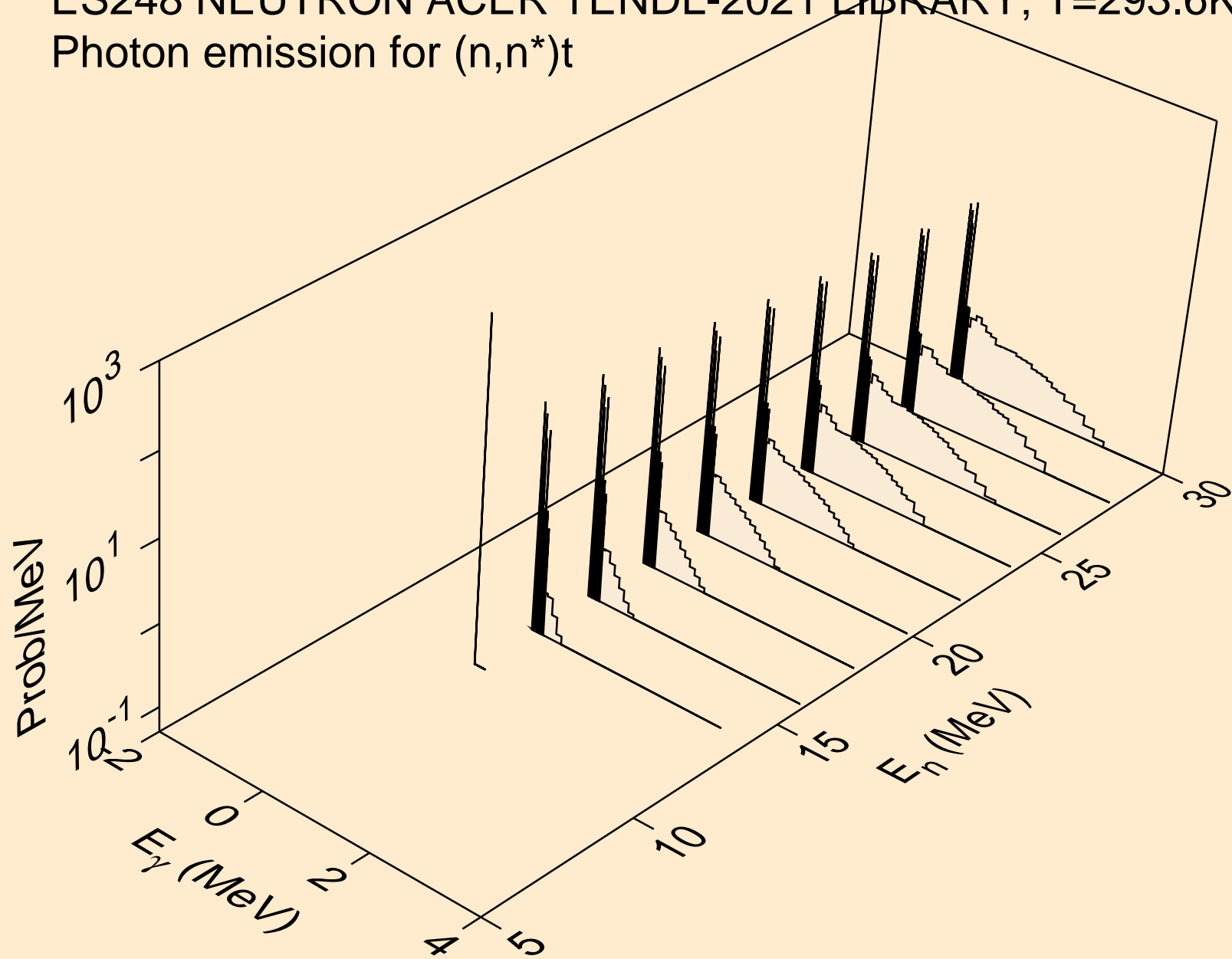
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

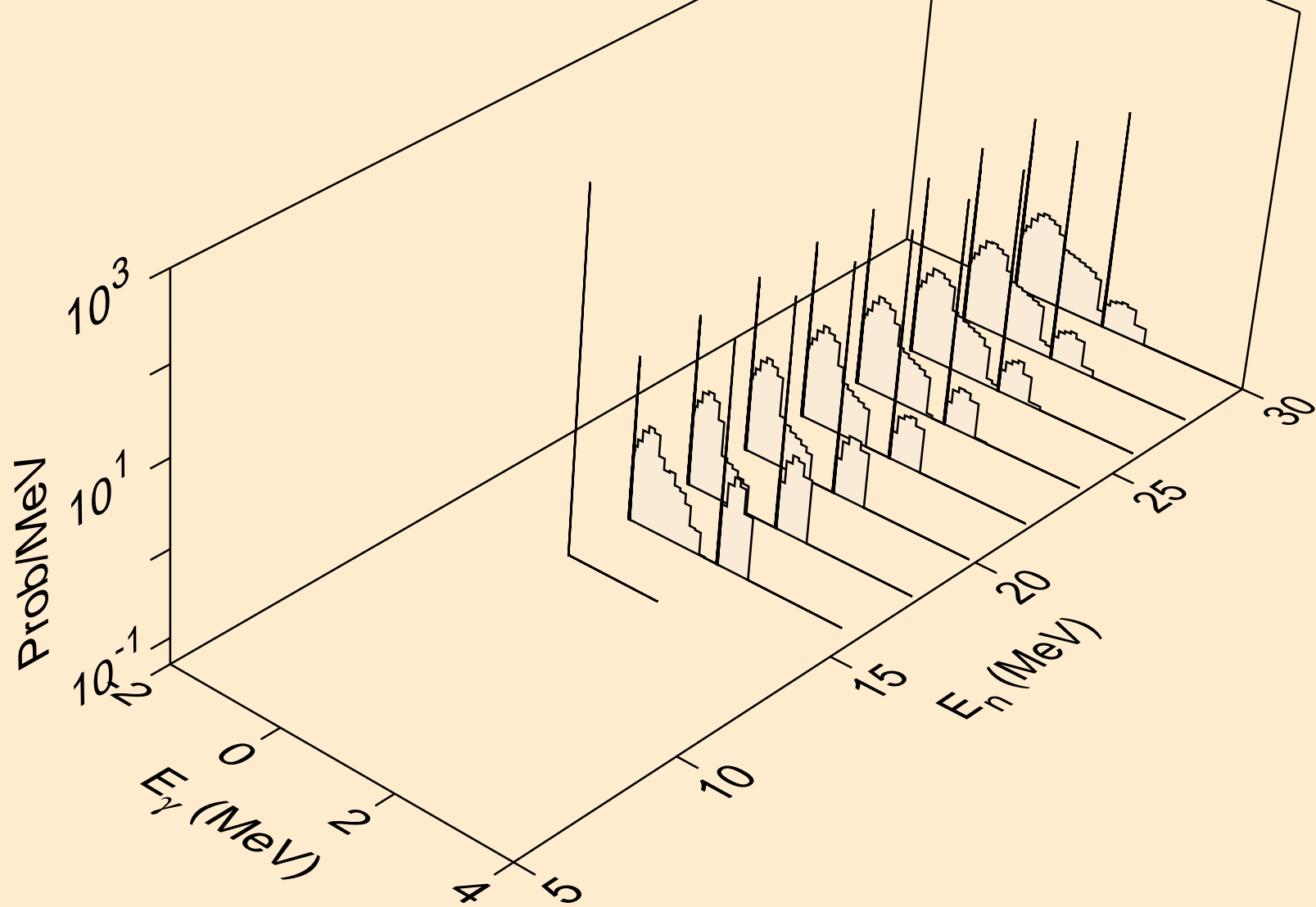


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

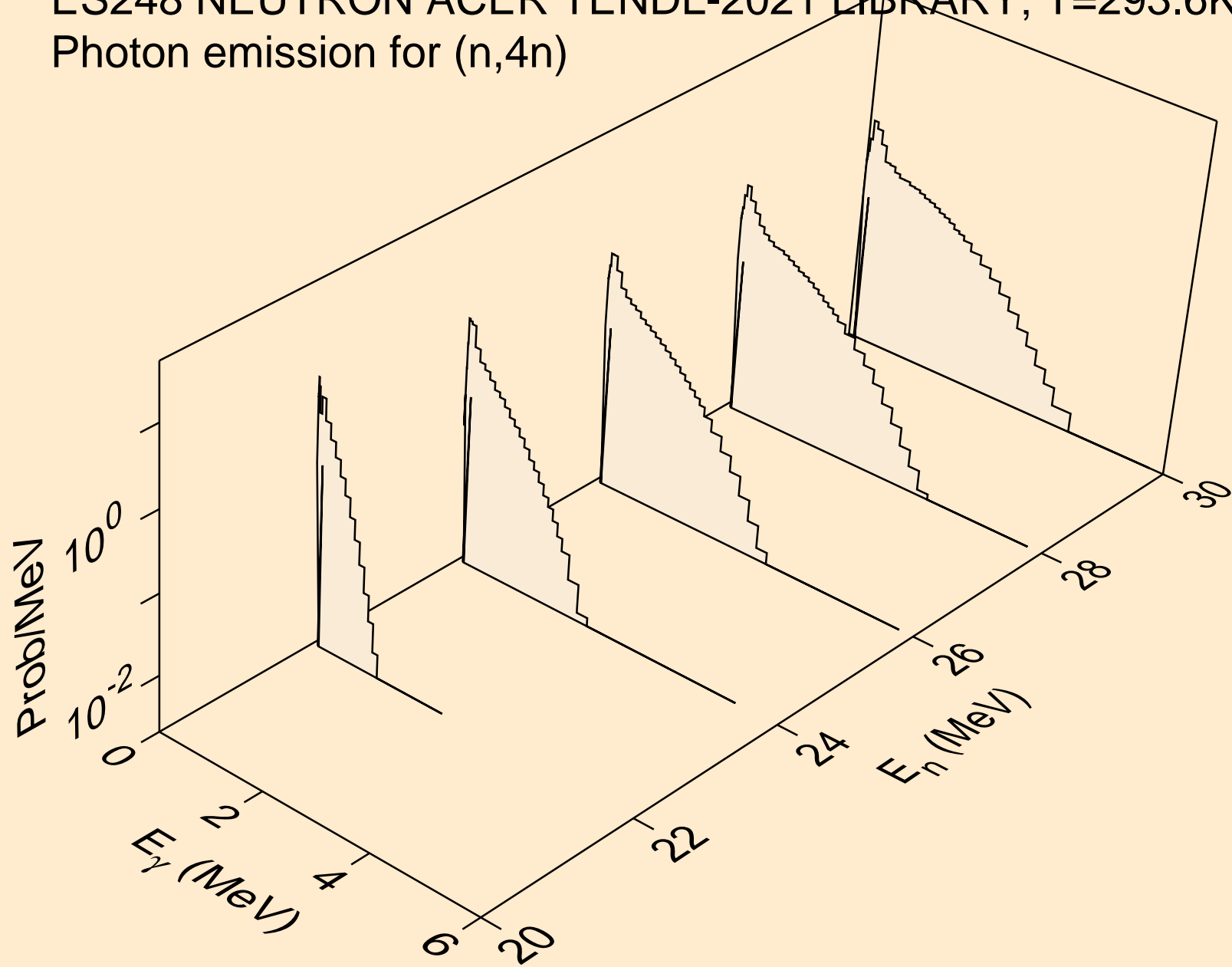




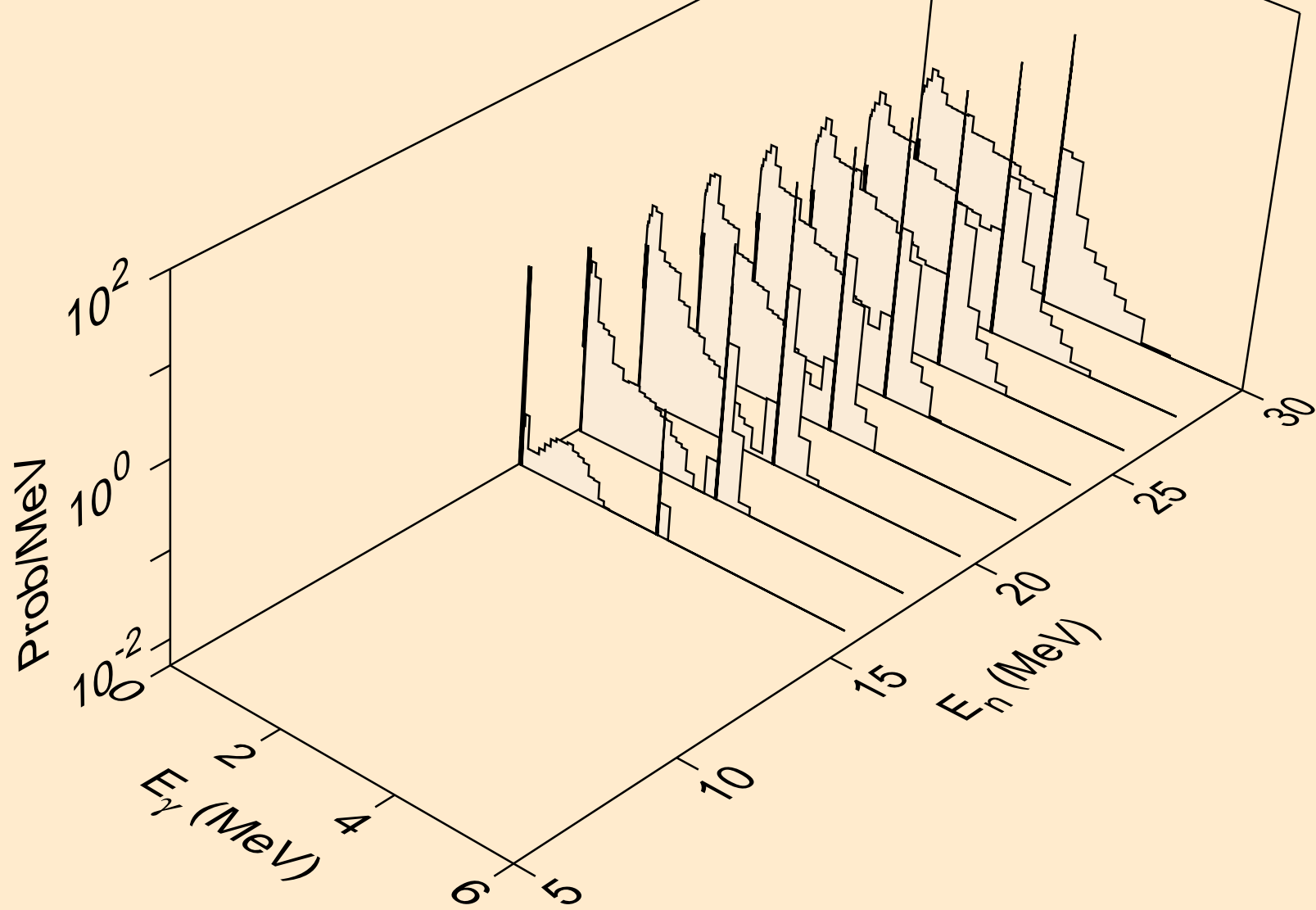
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



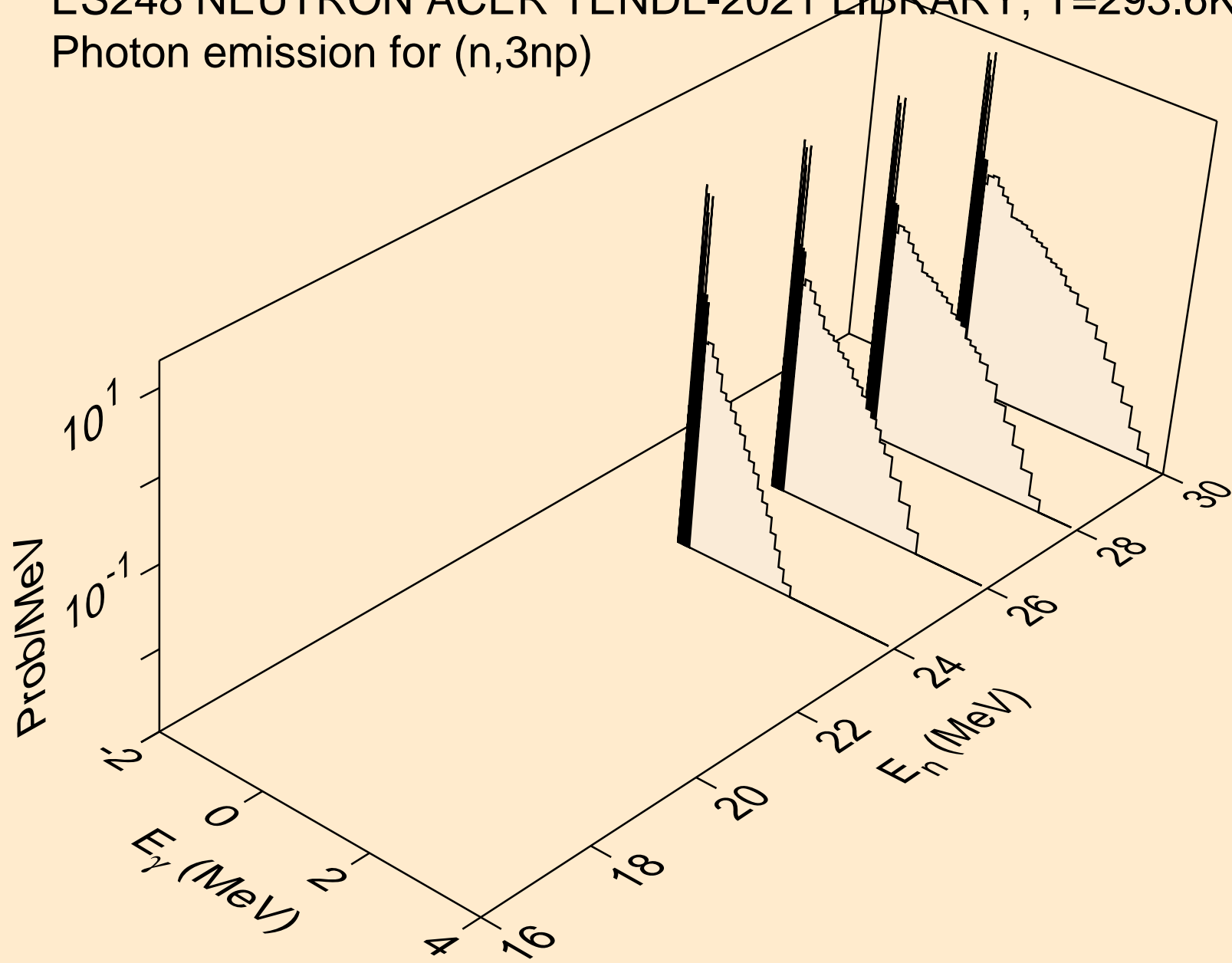
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



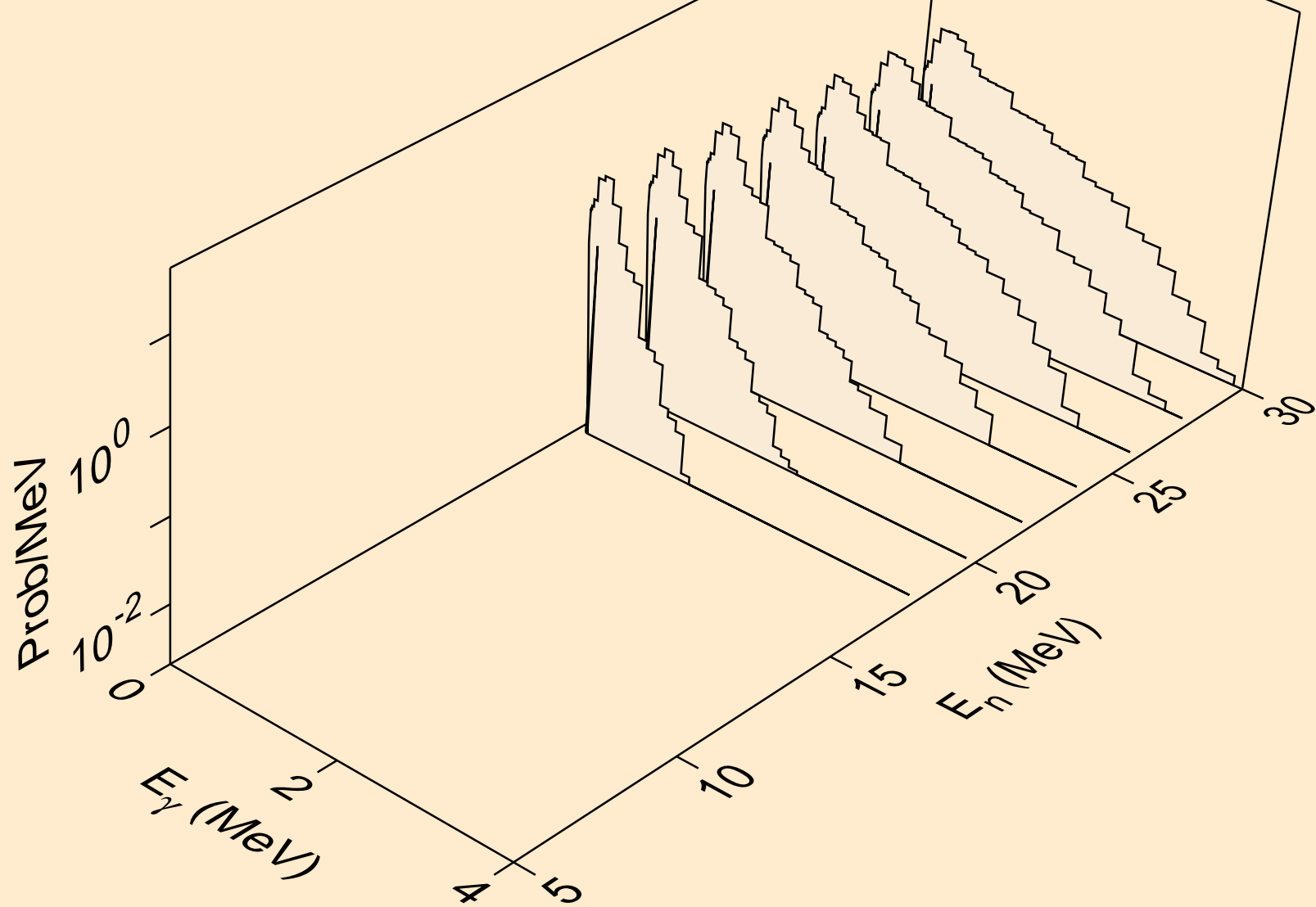
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



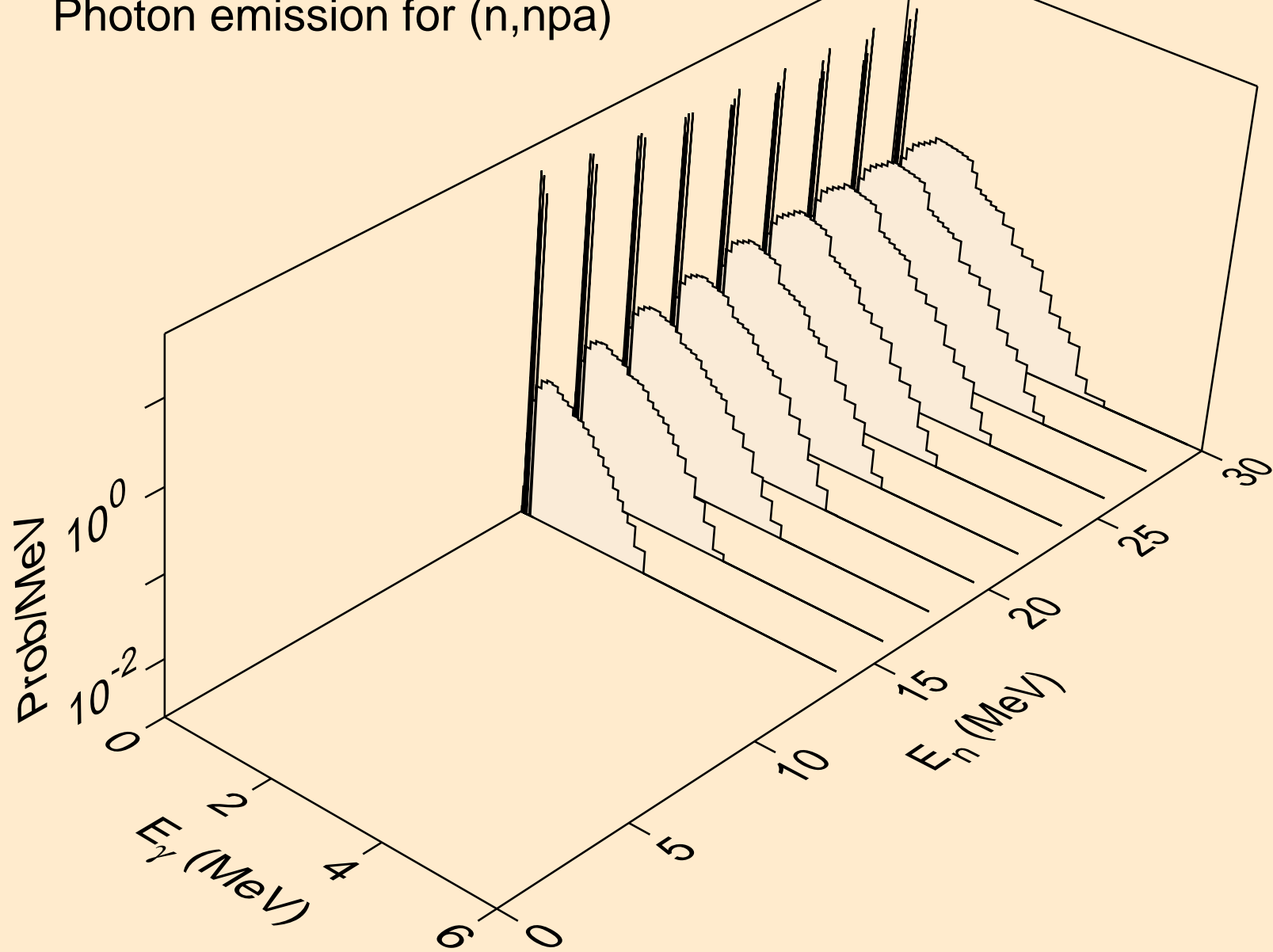
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



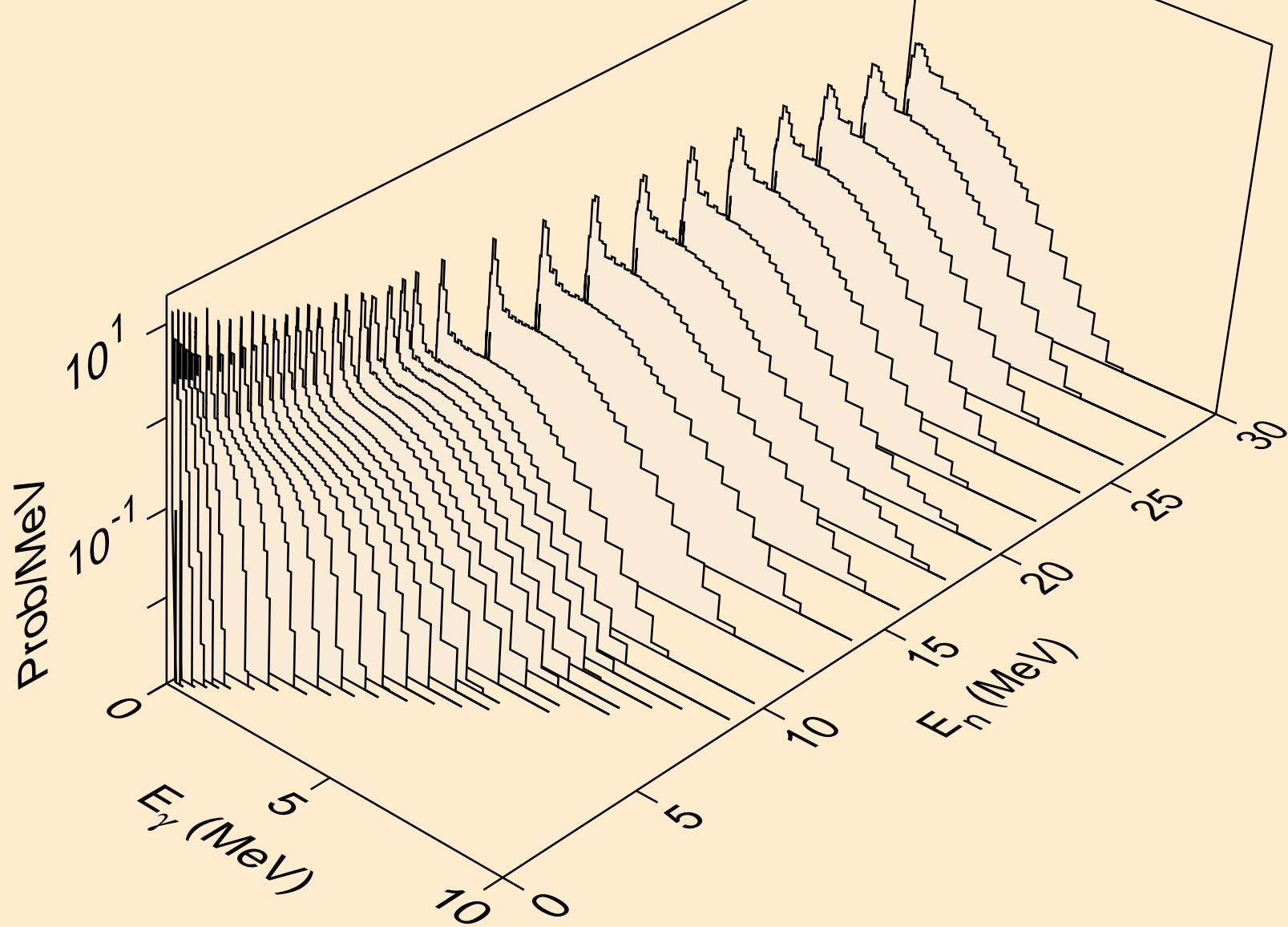
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



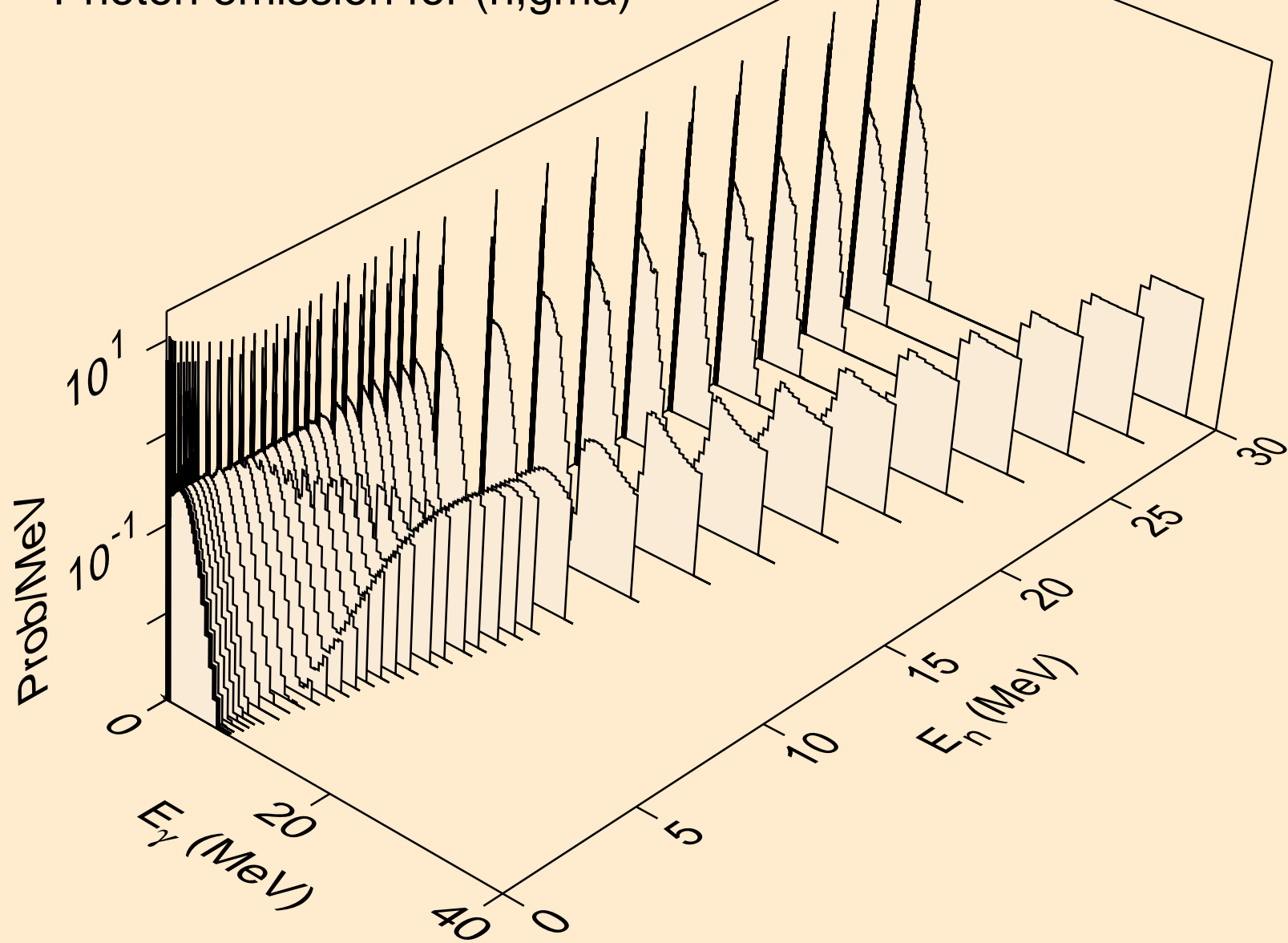
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

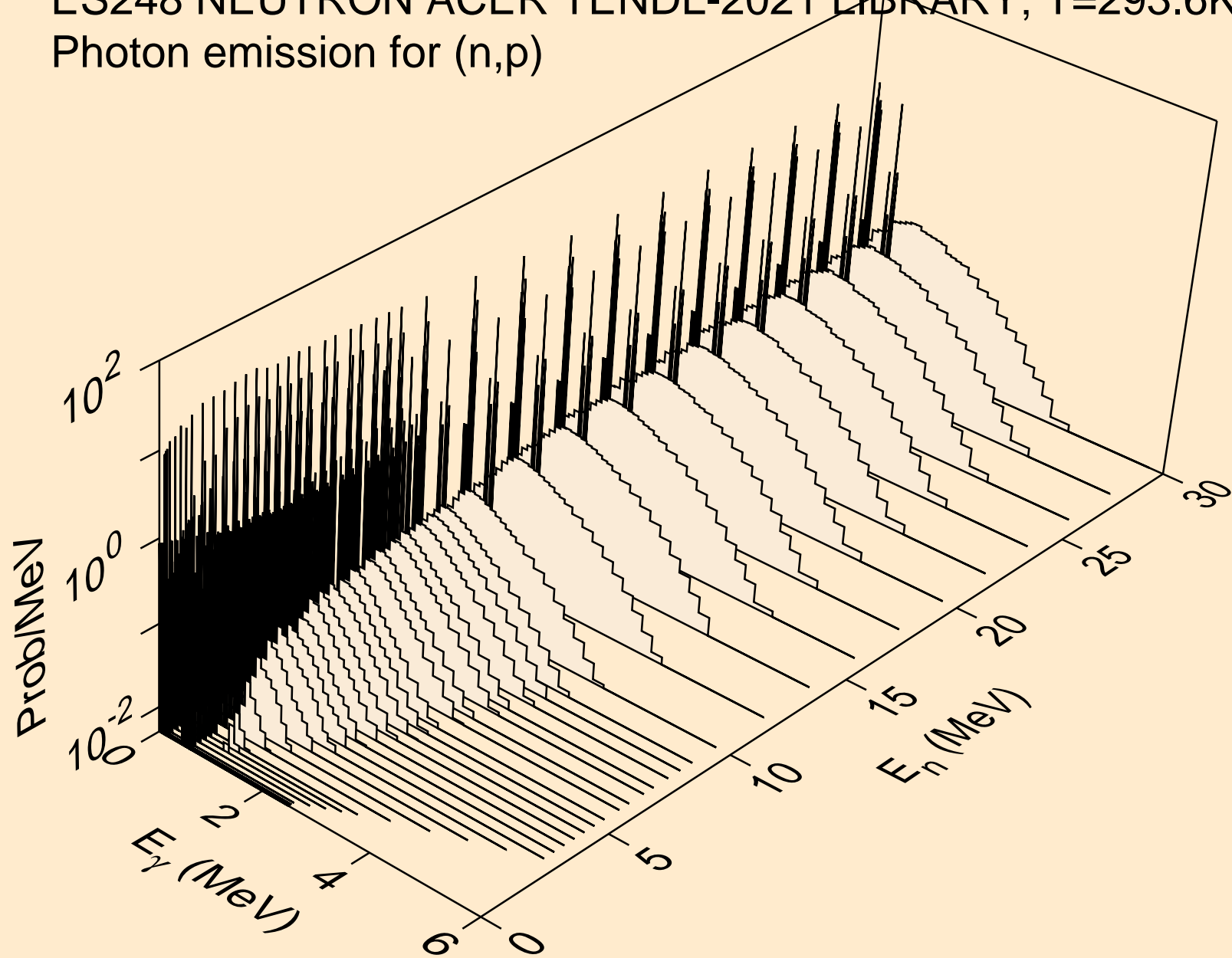


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

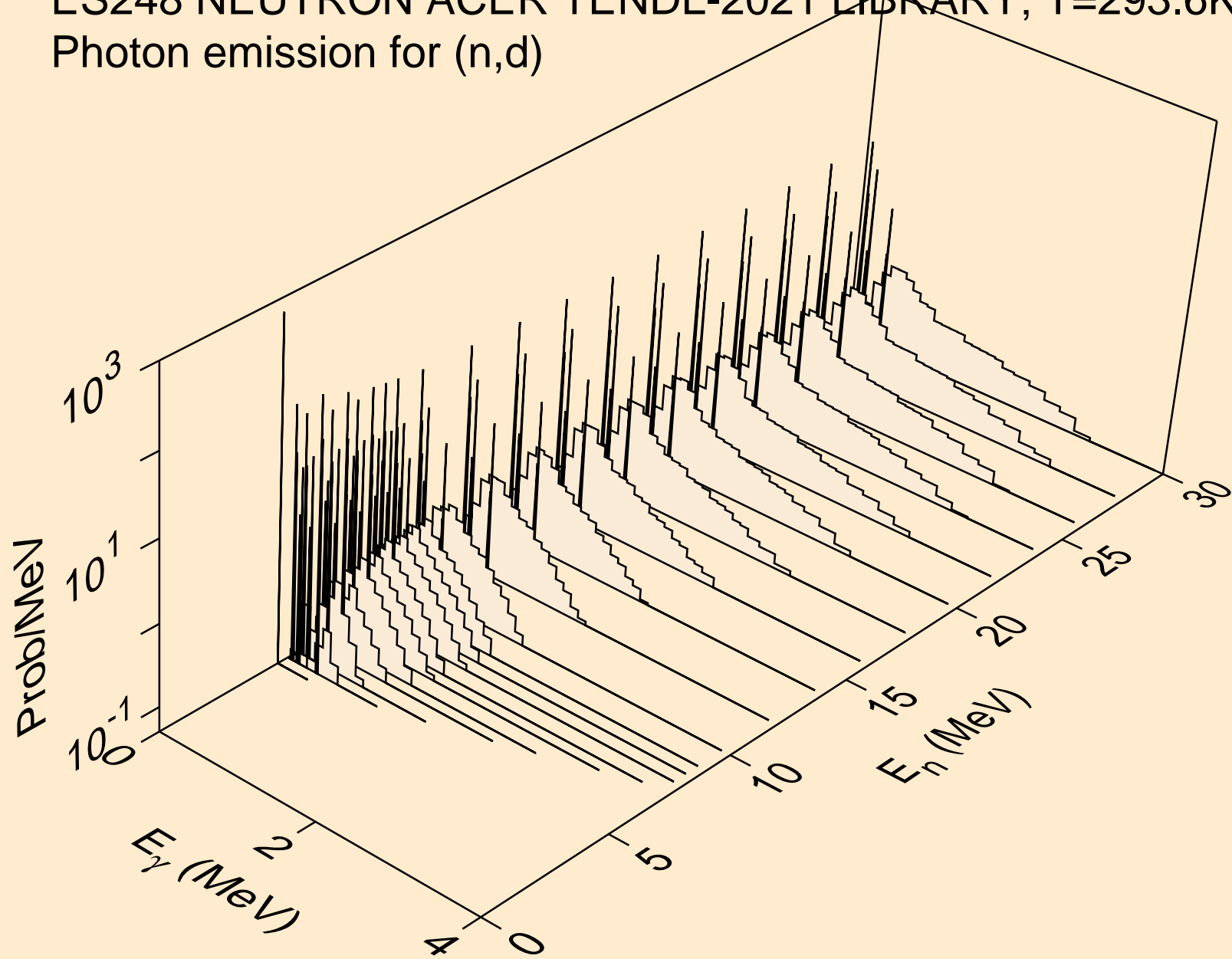




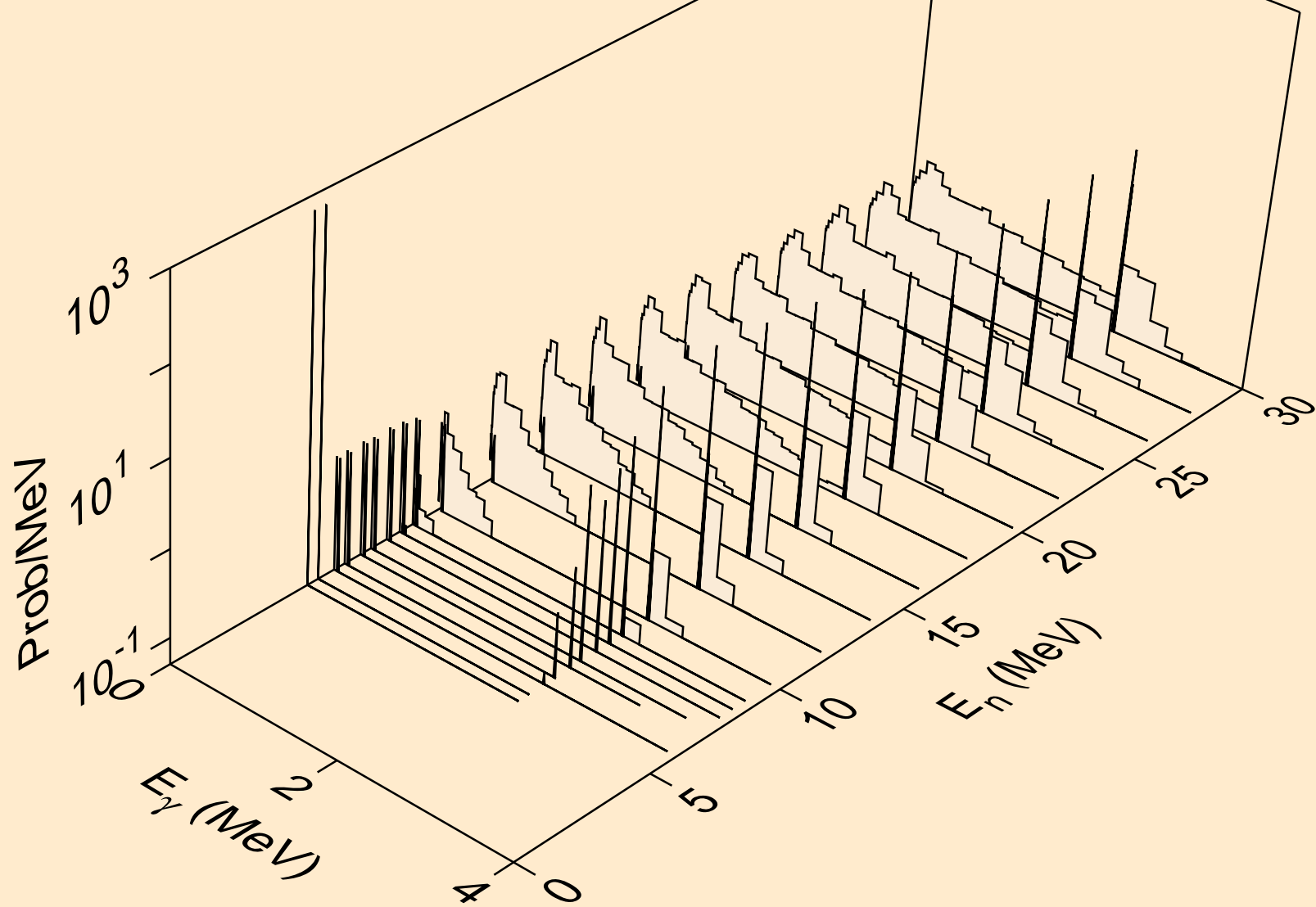
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



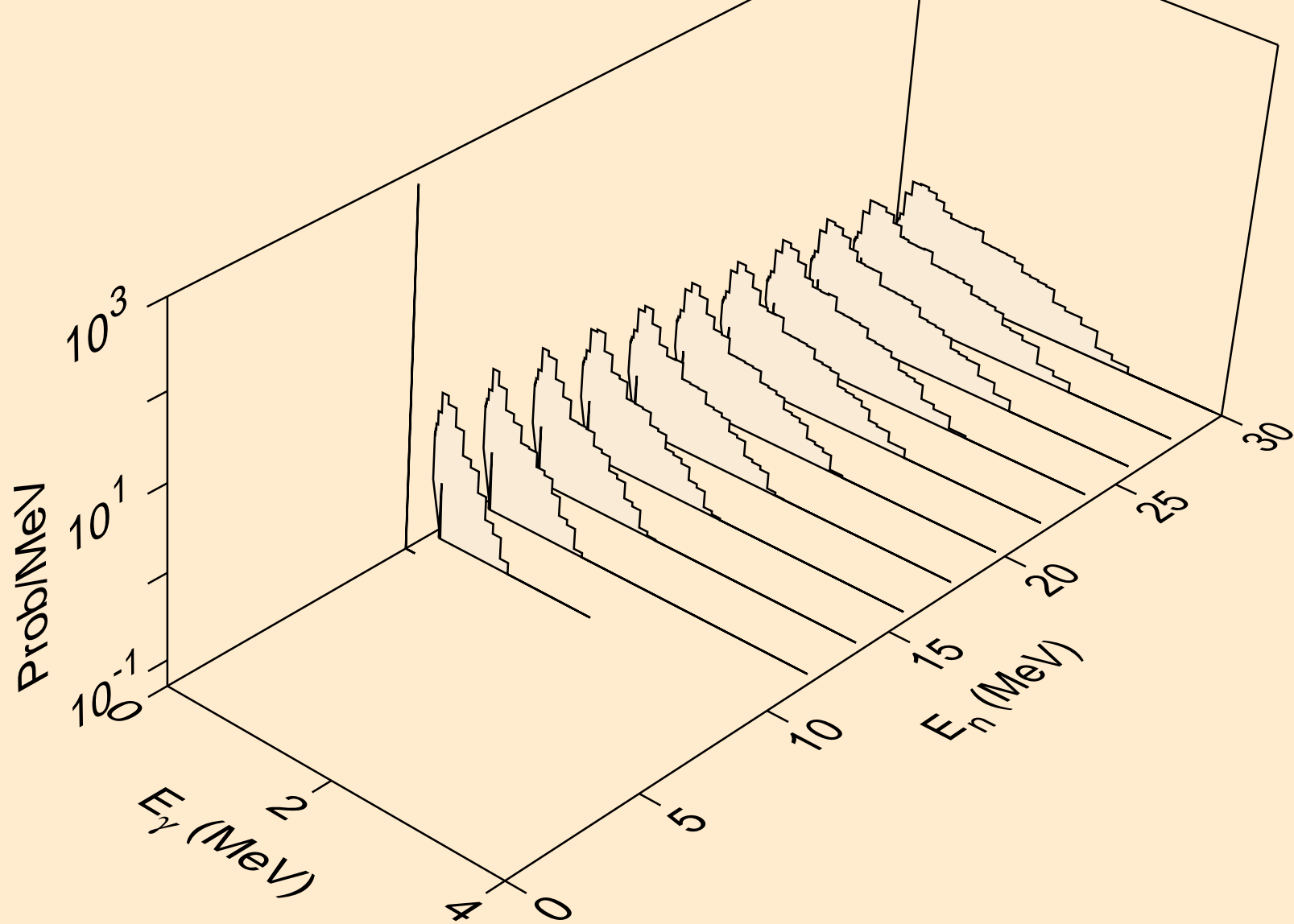
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



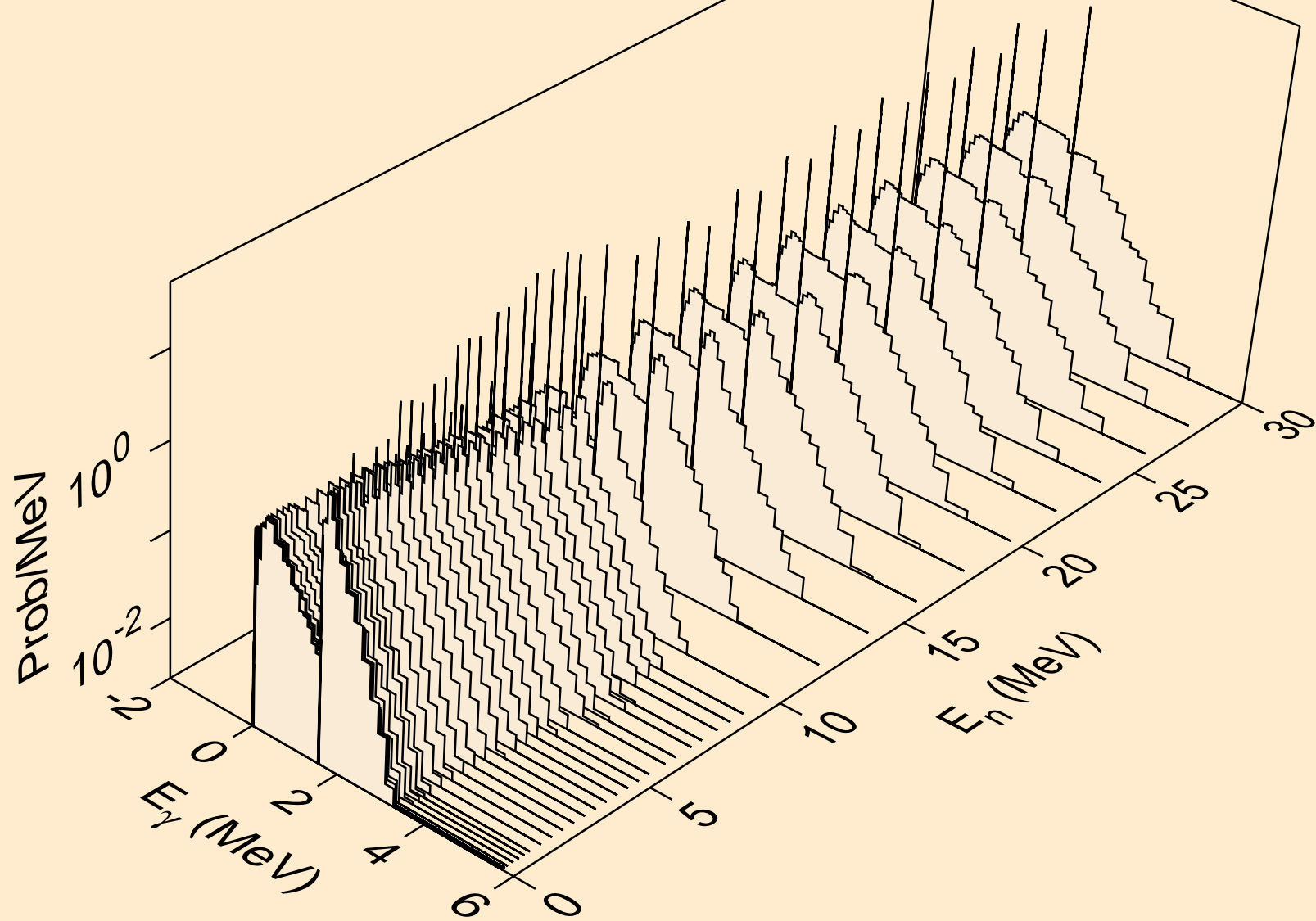
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



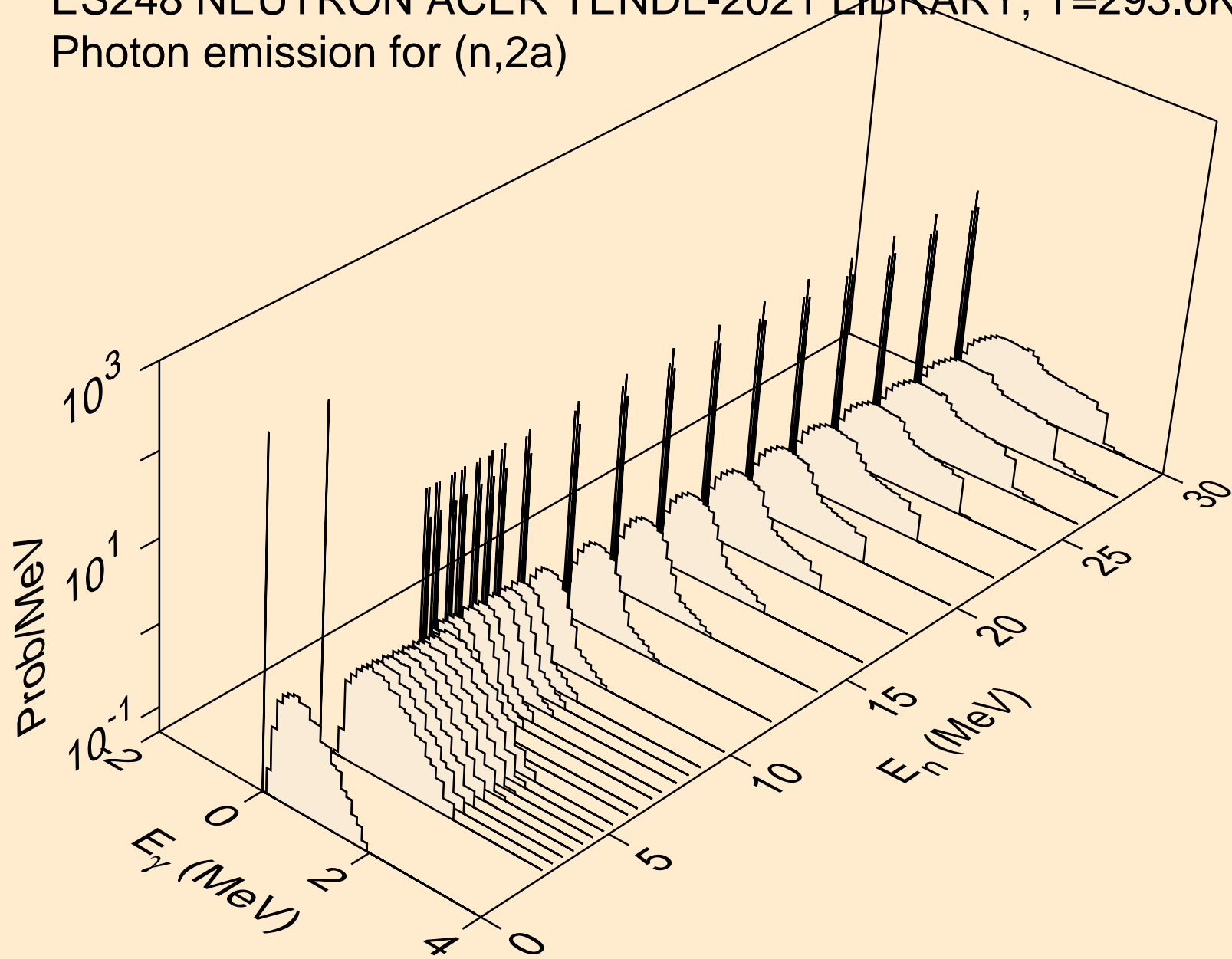
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



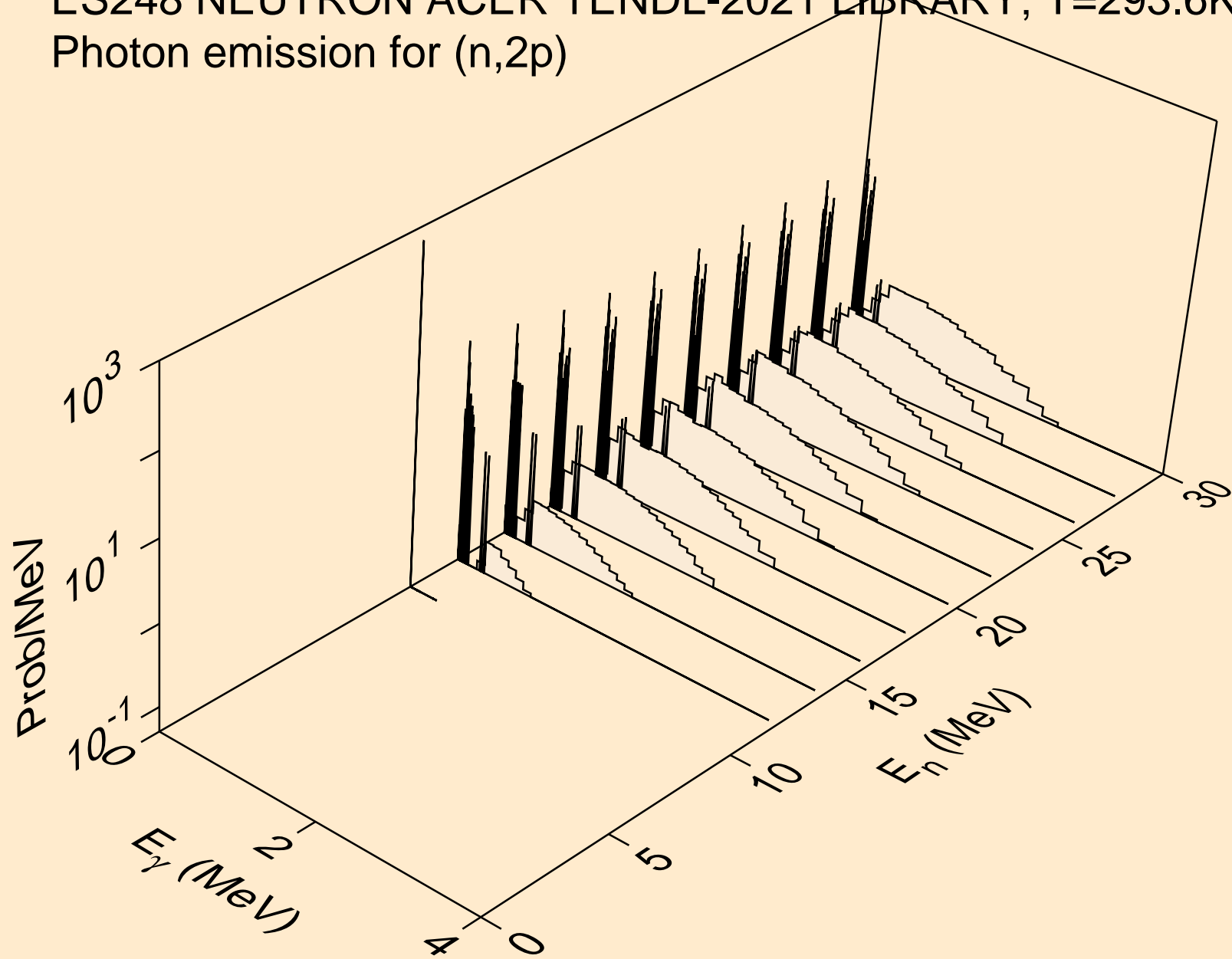
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



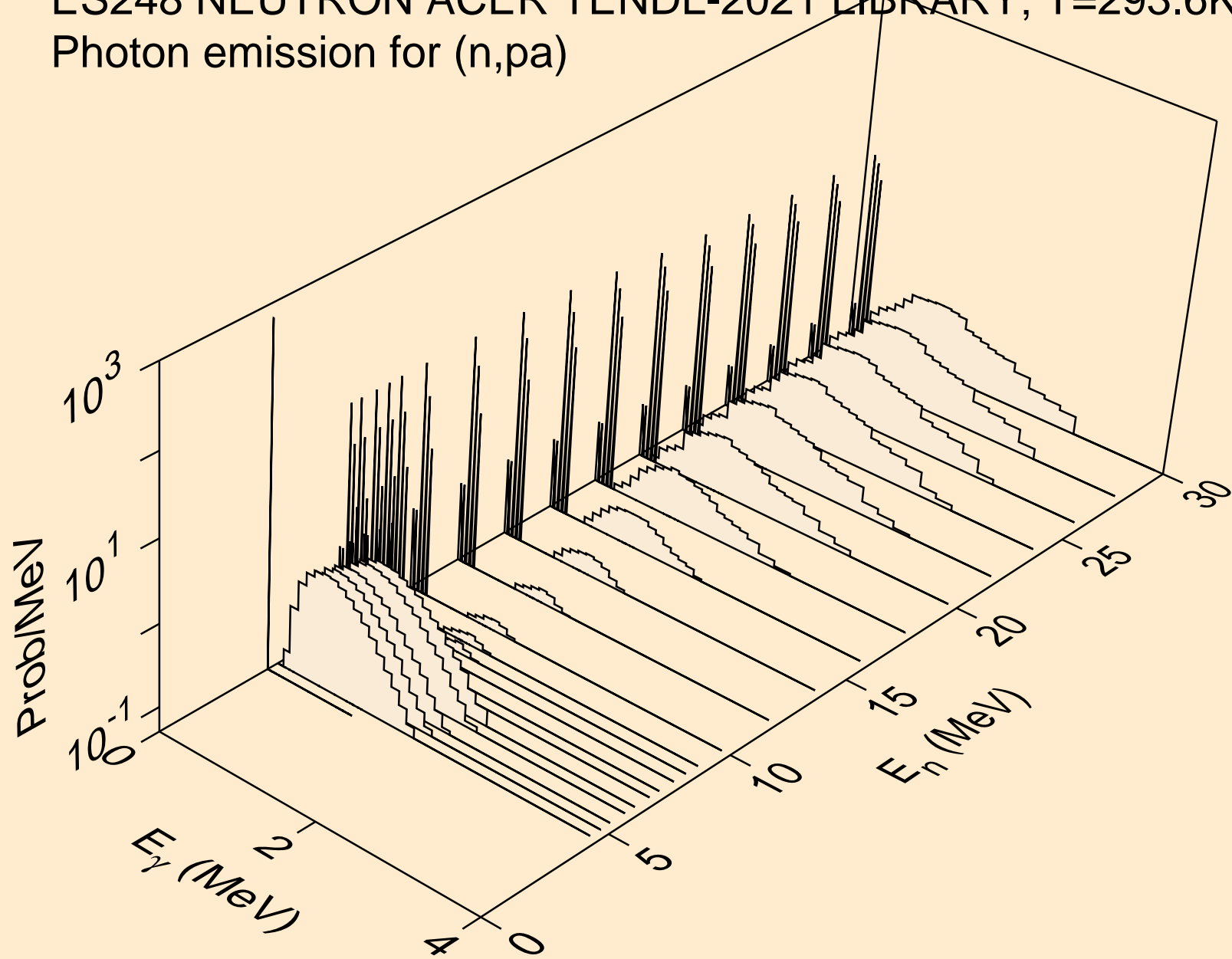
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

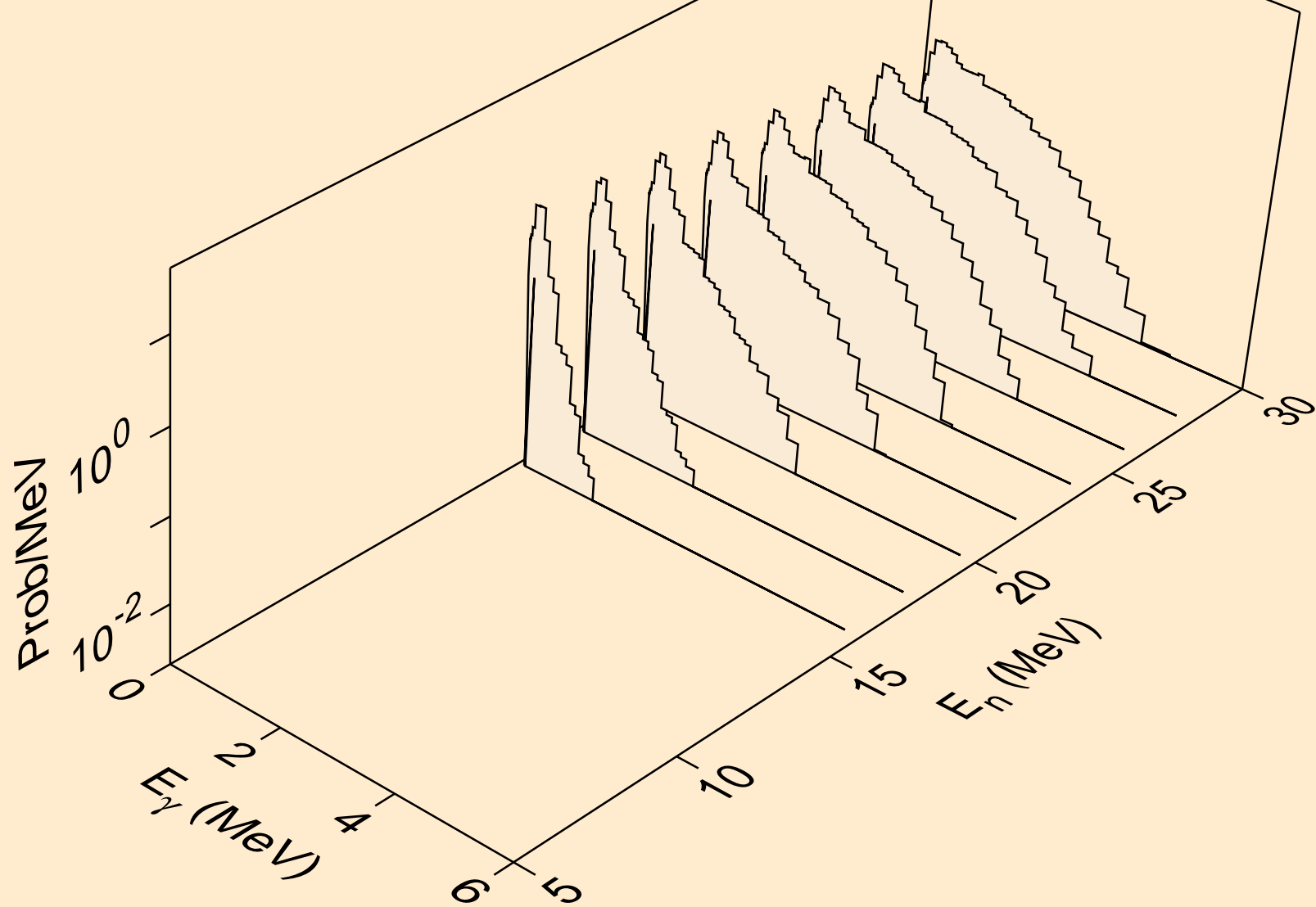


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

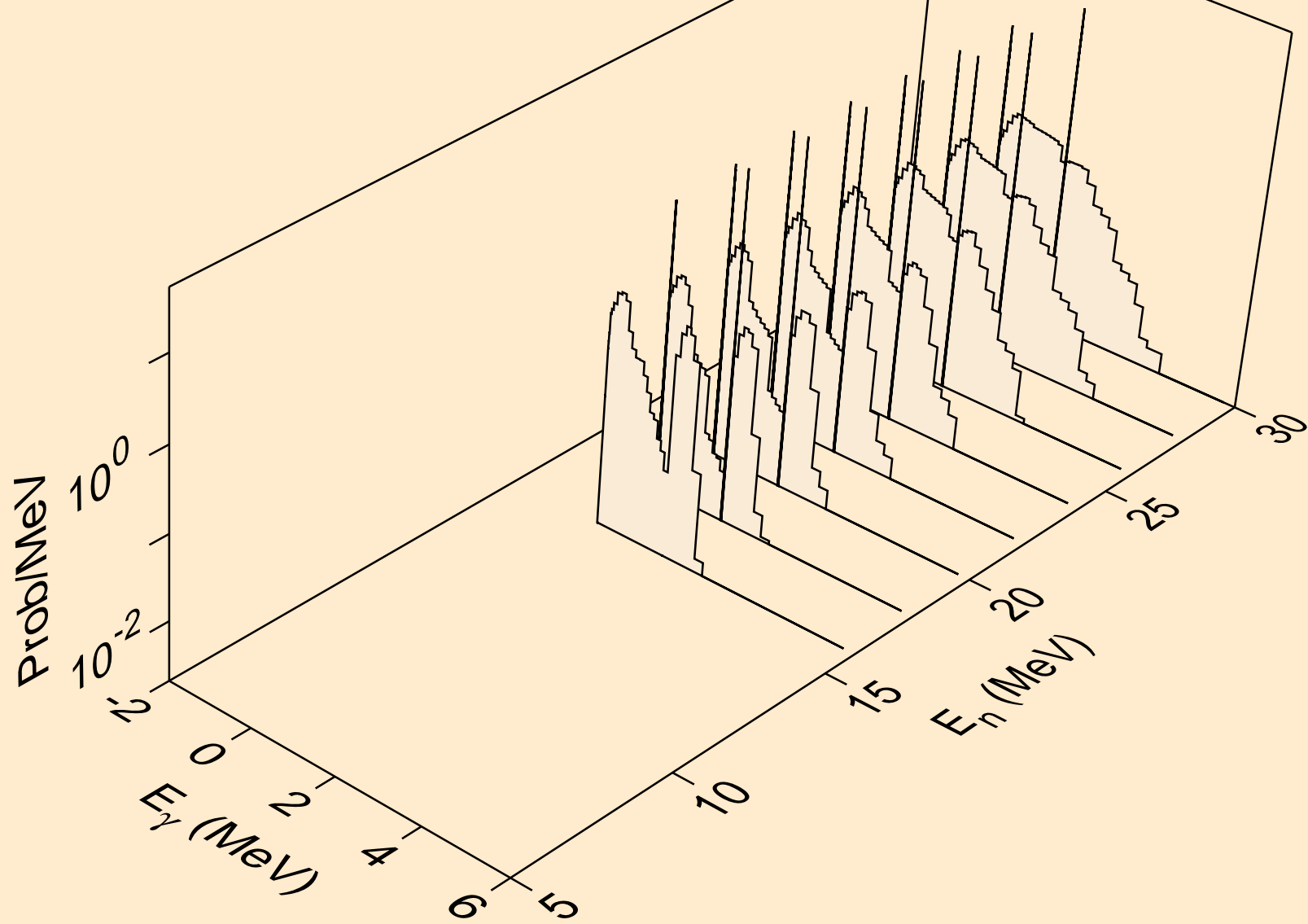




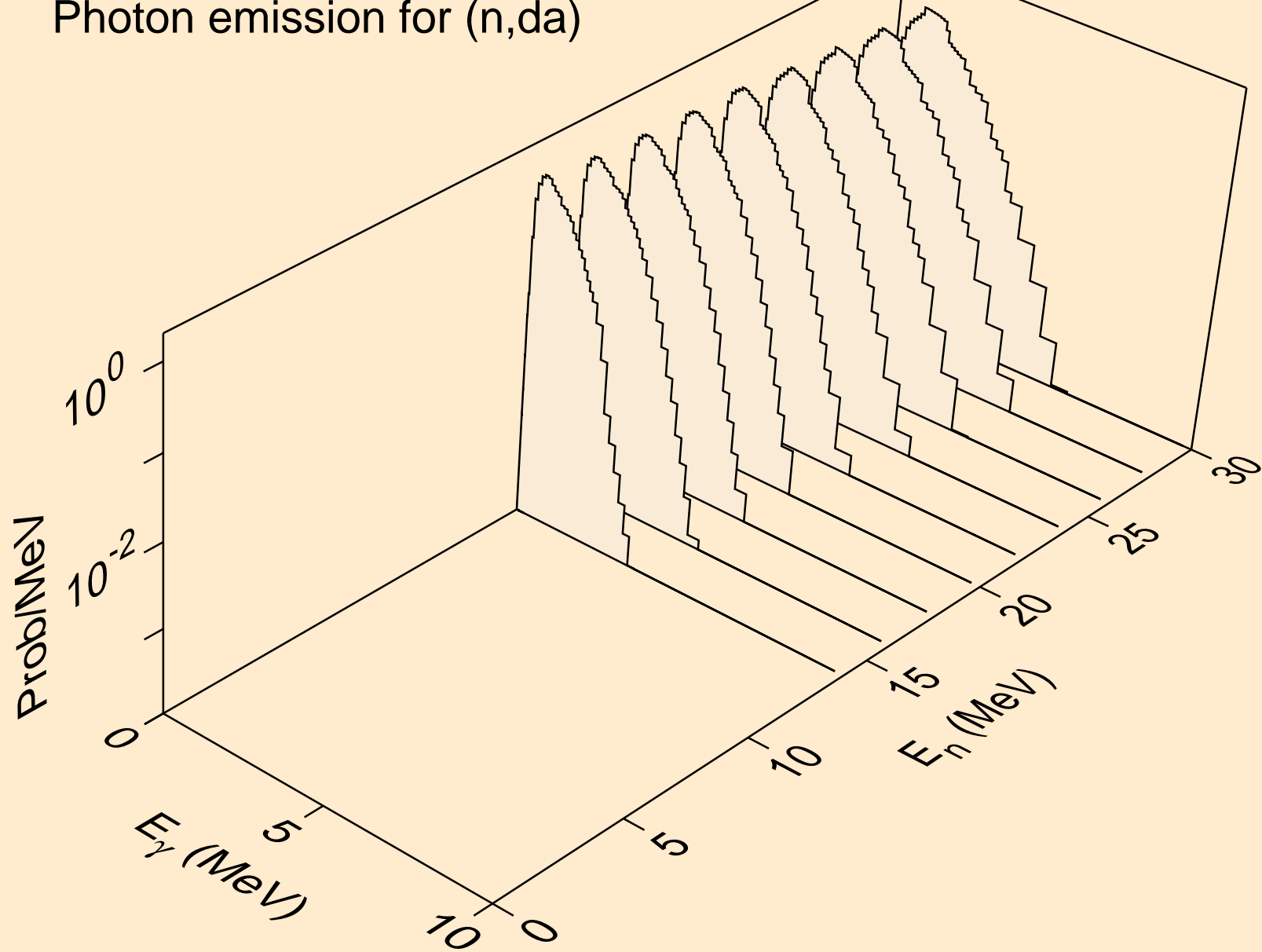
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



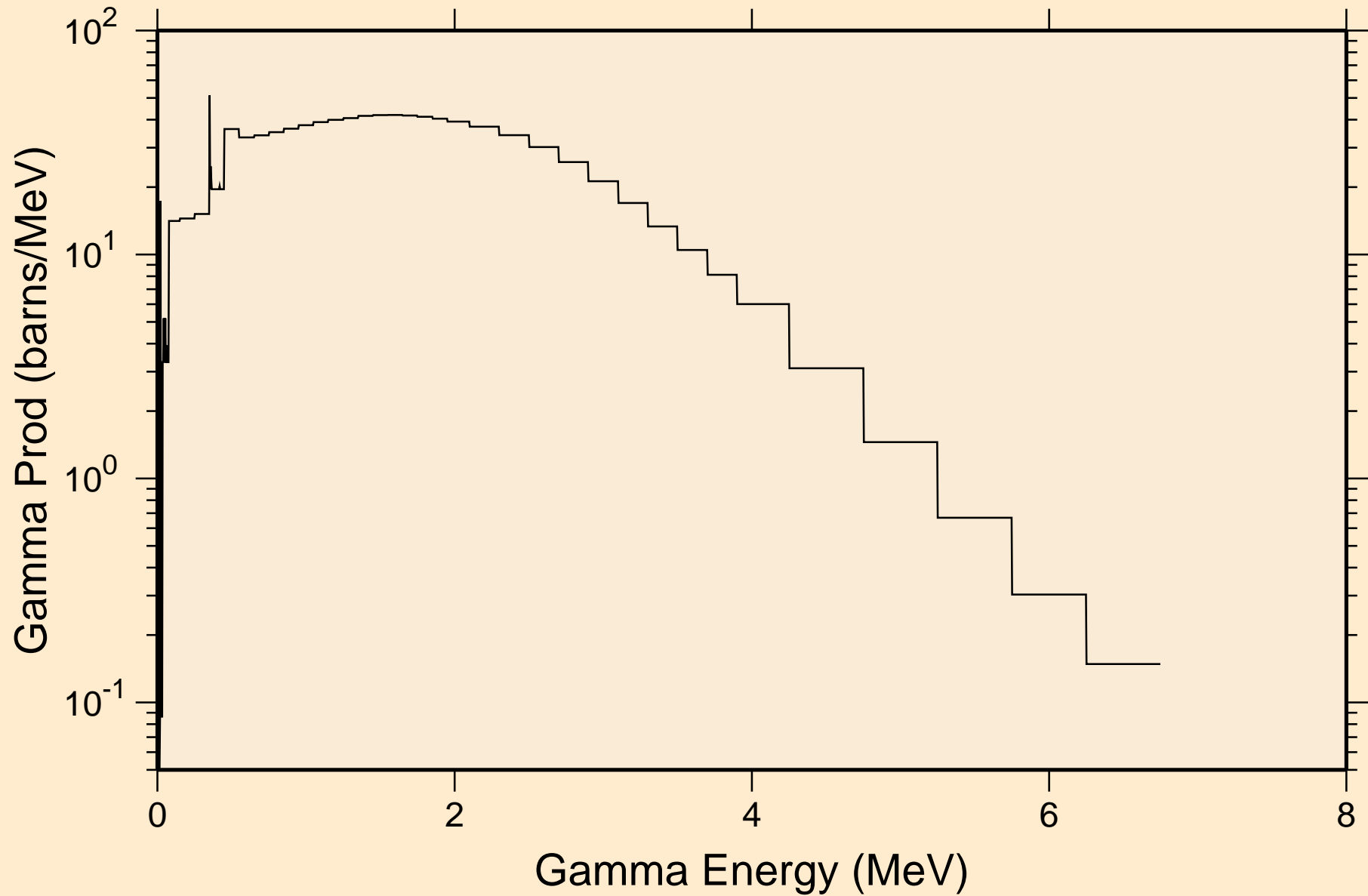
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



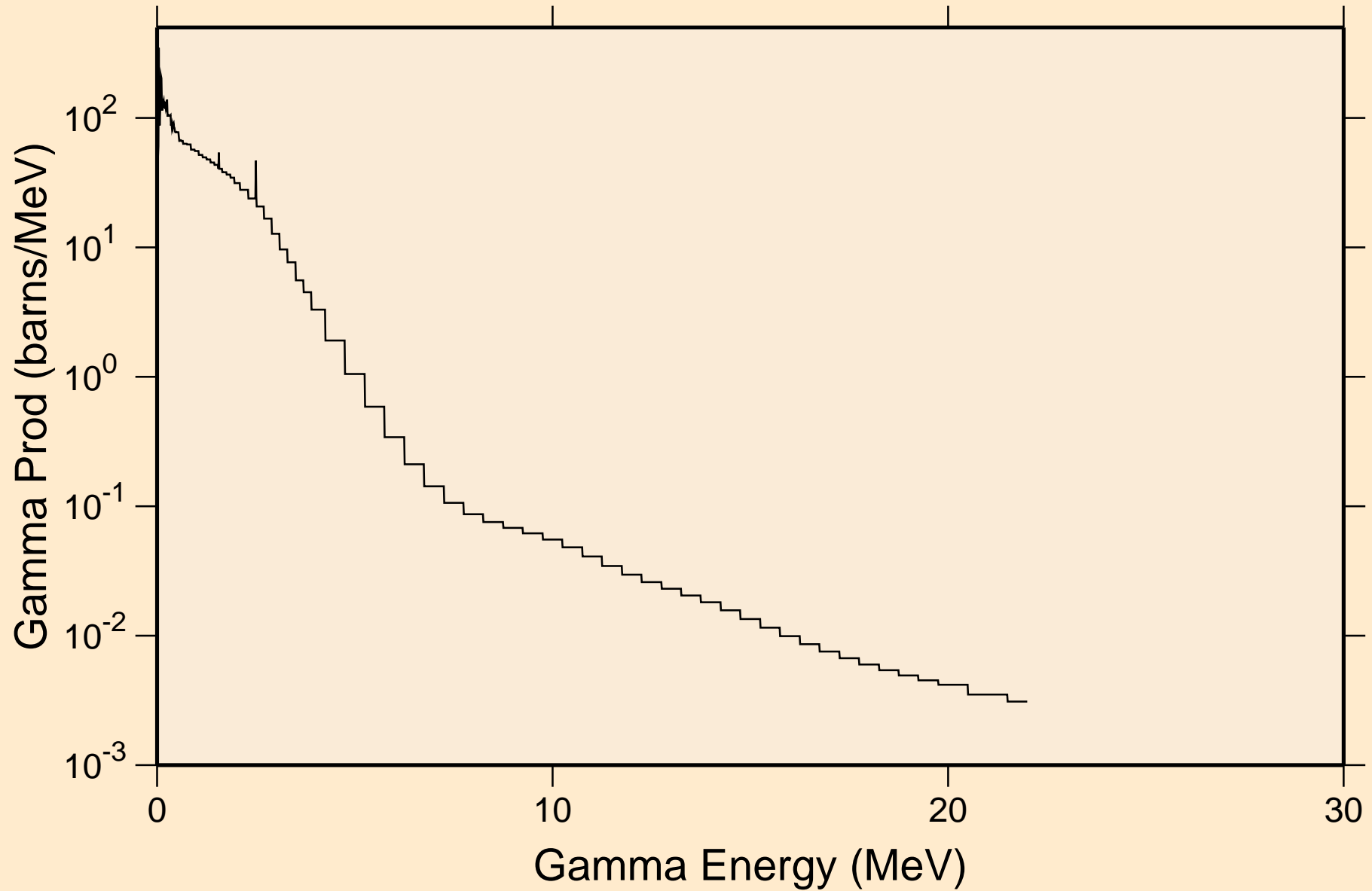
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

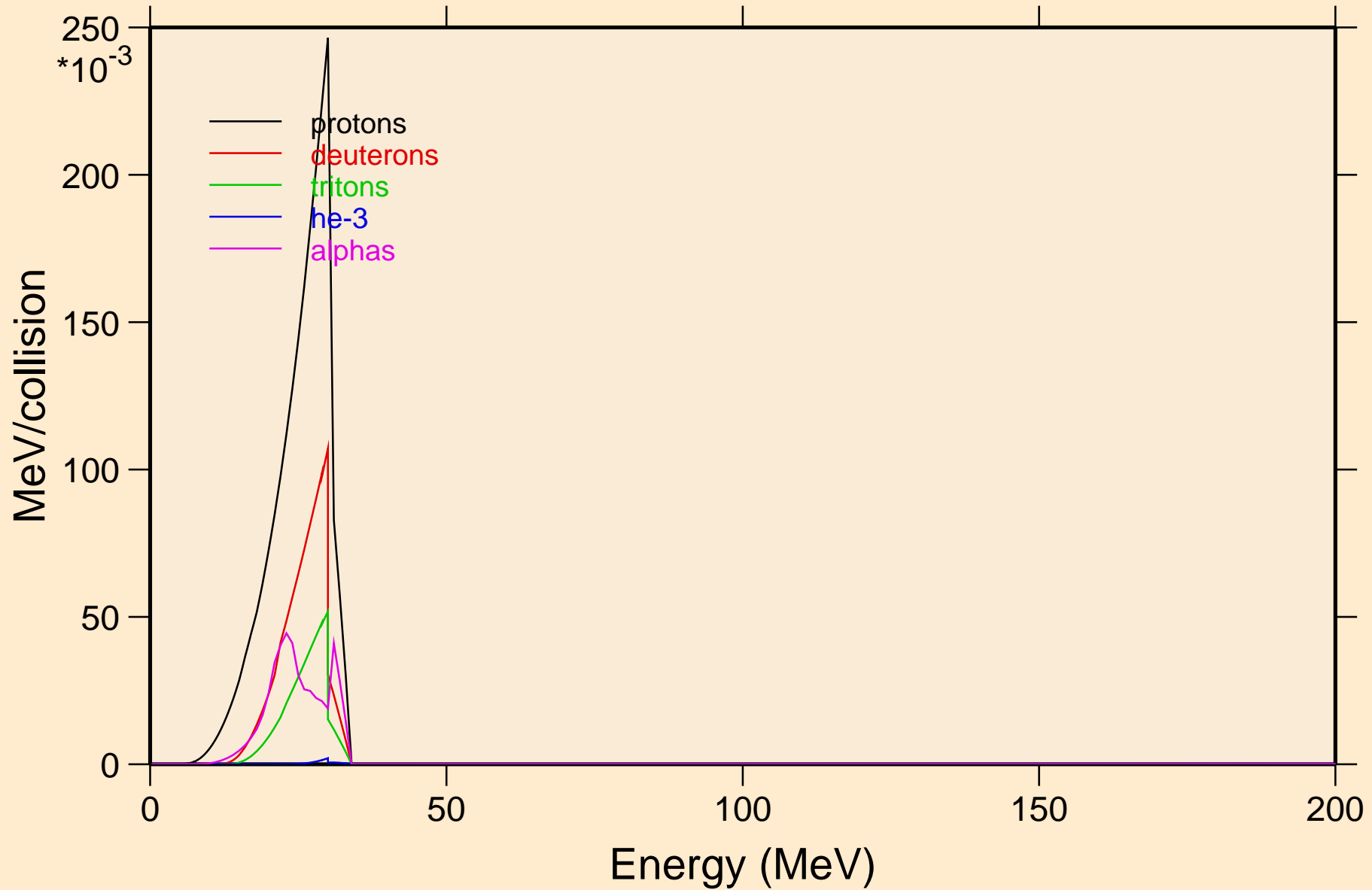


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

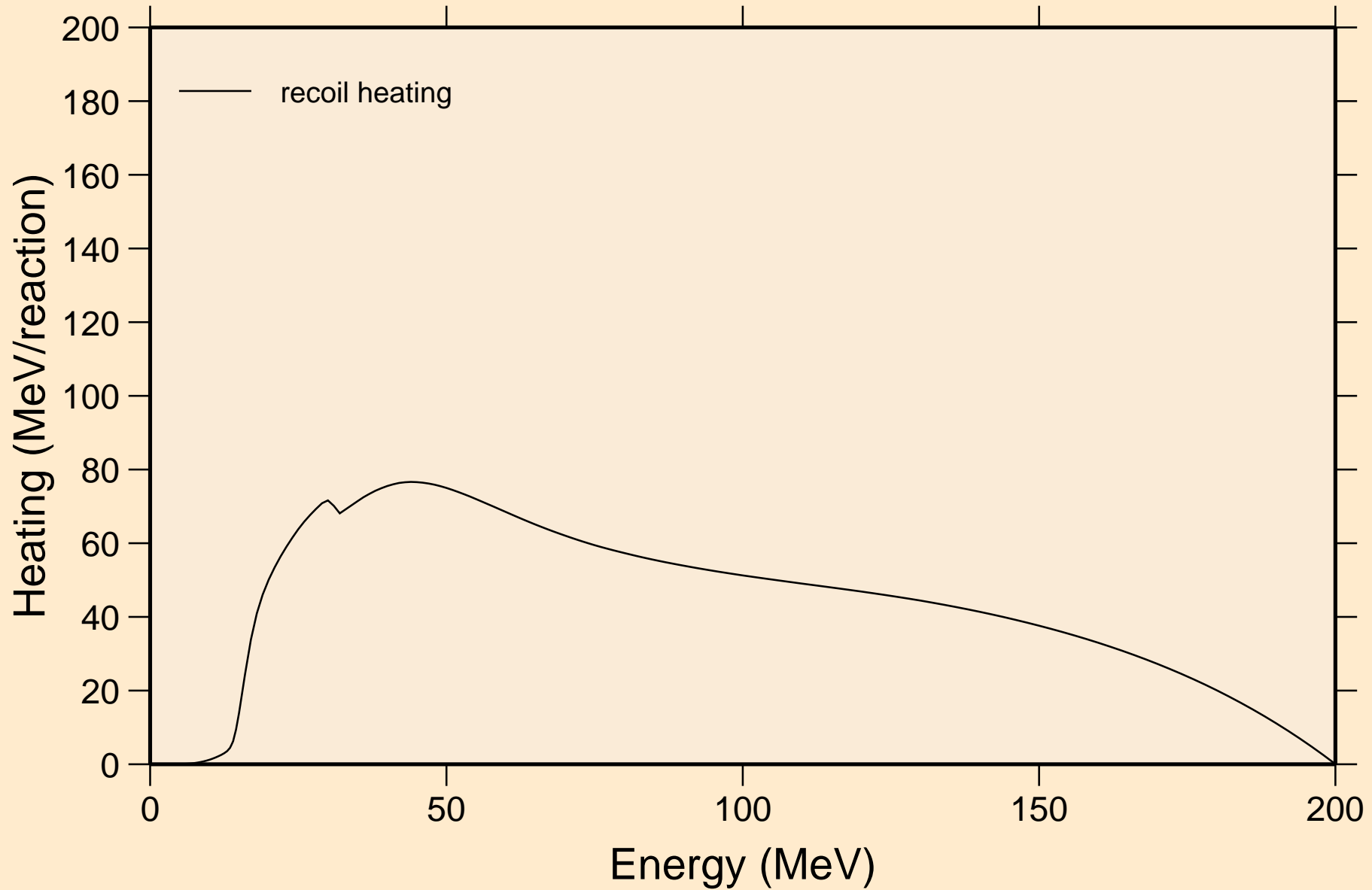


# ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

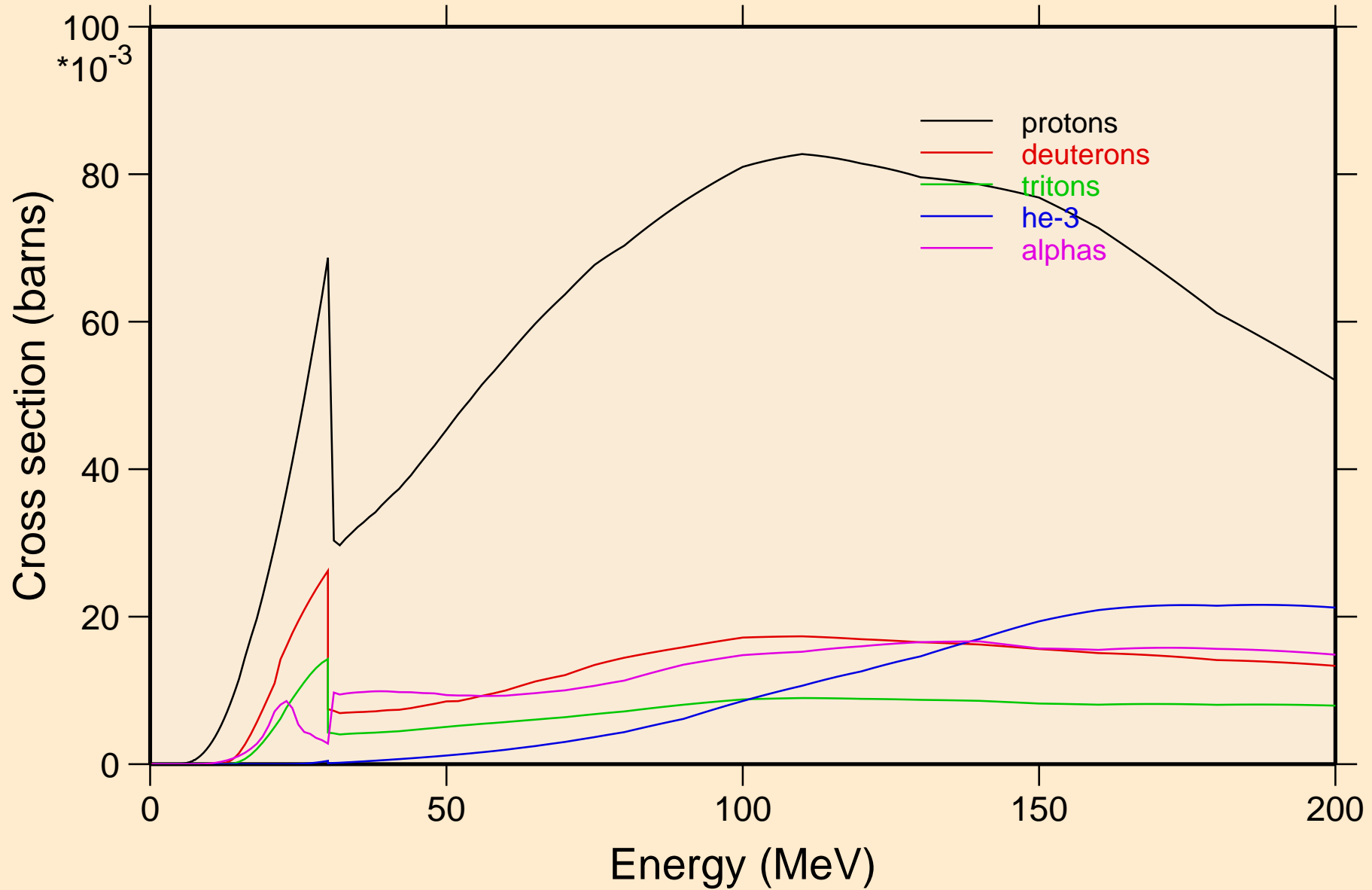
## Particle heating contributions



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

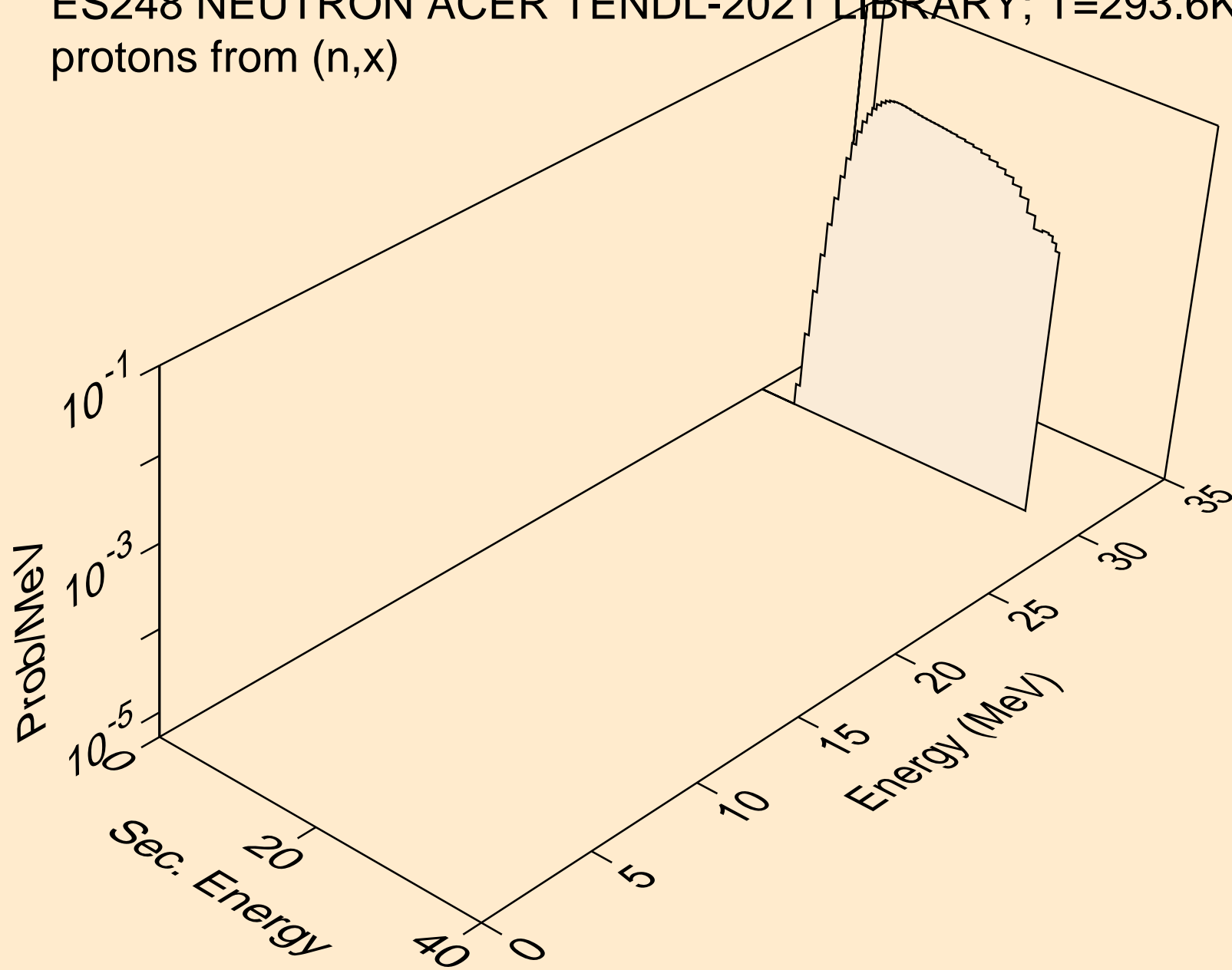


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

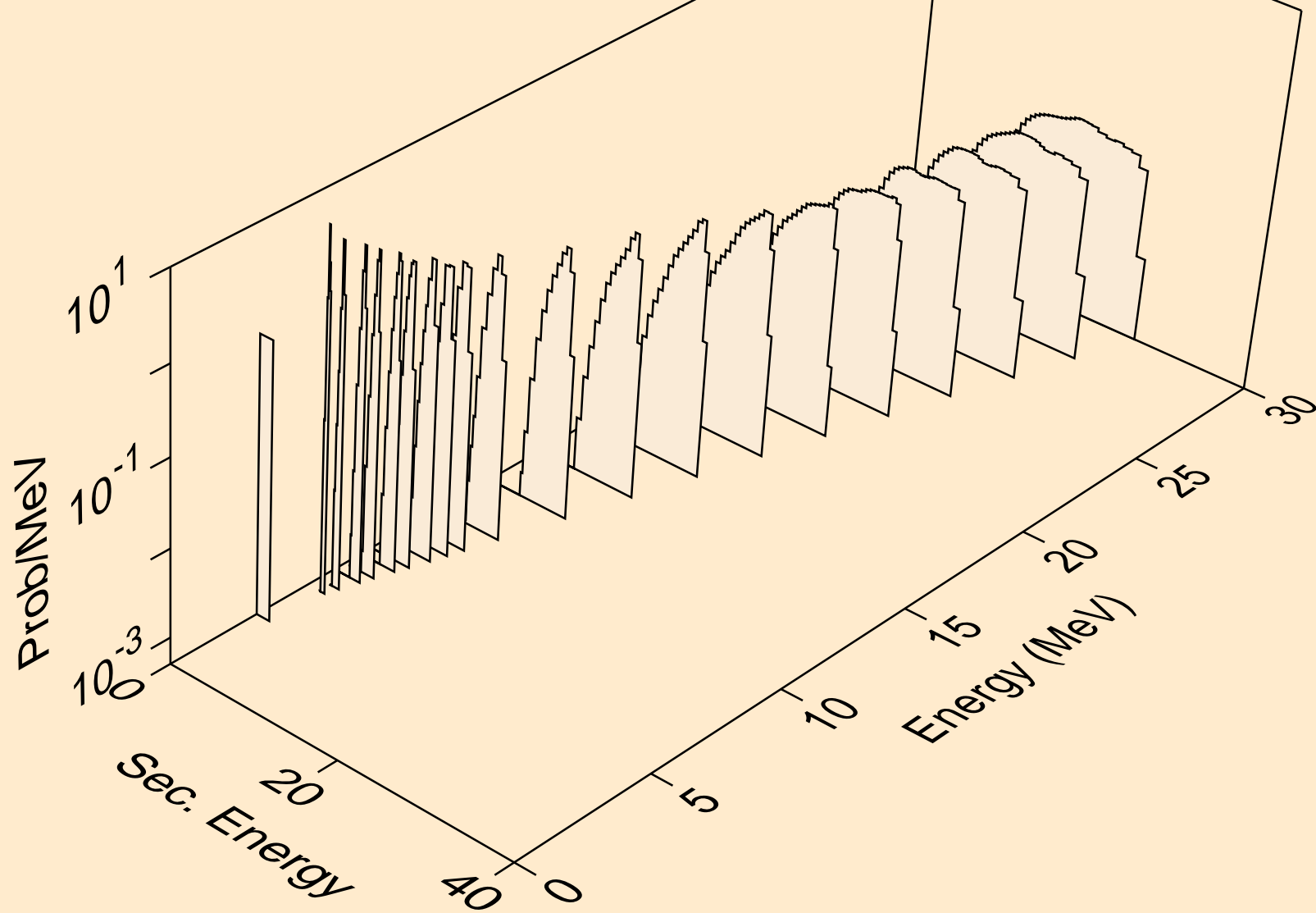




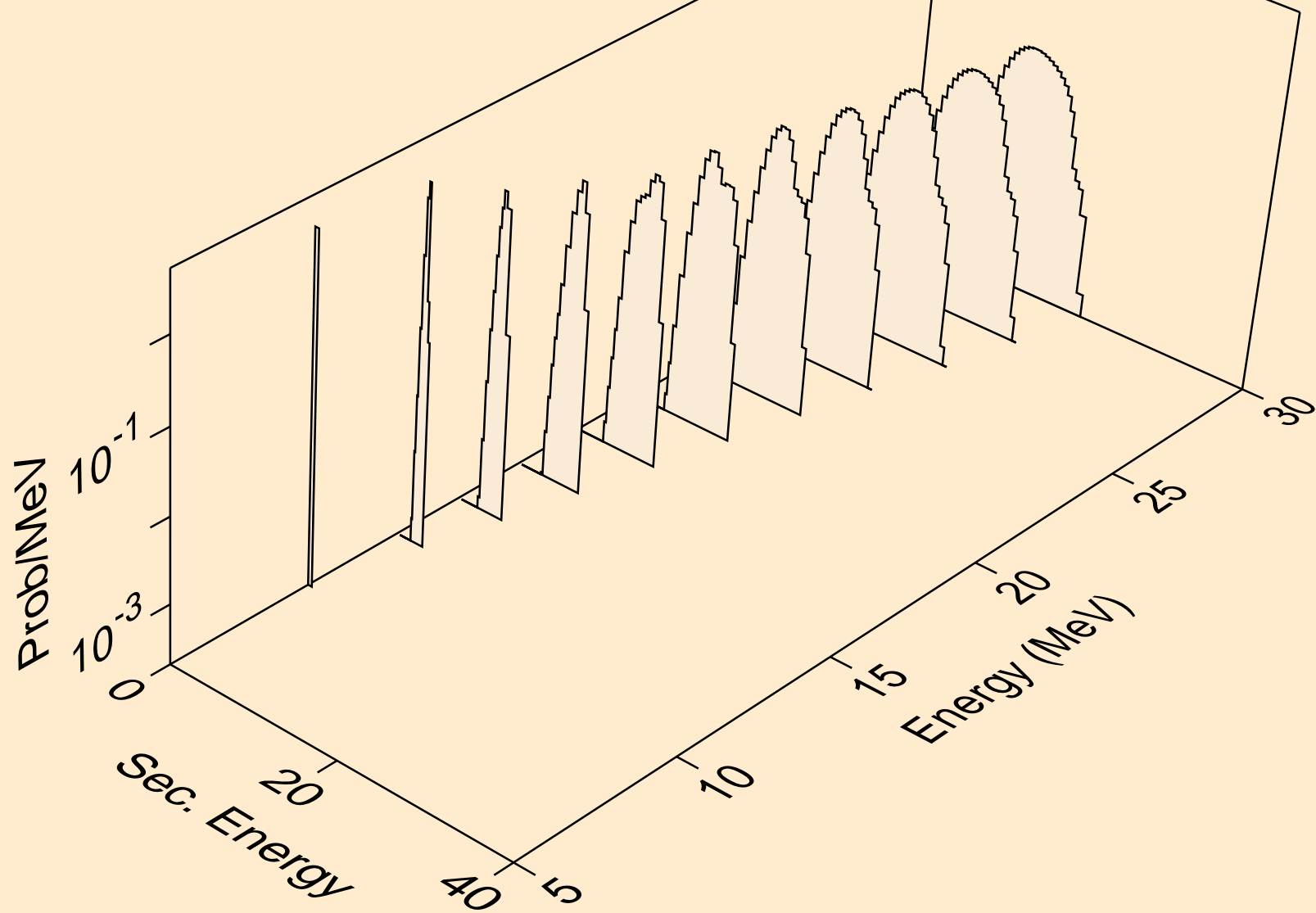
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



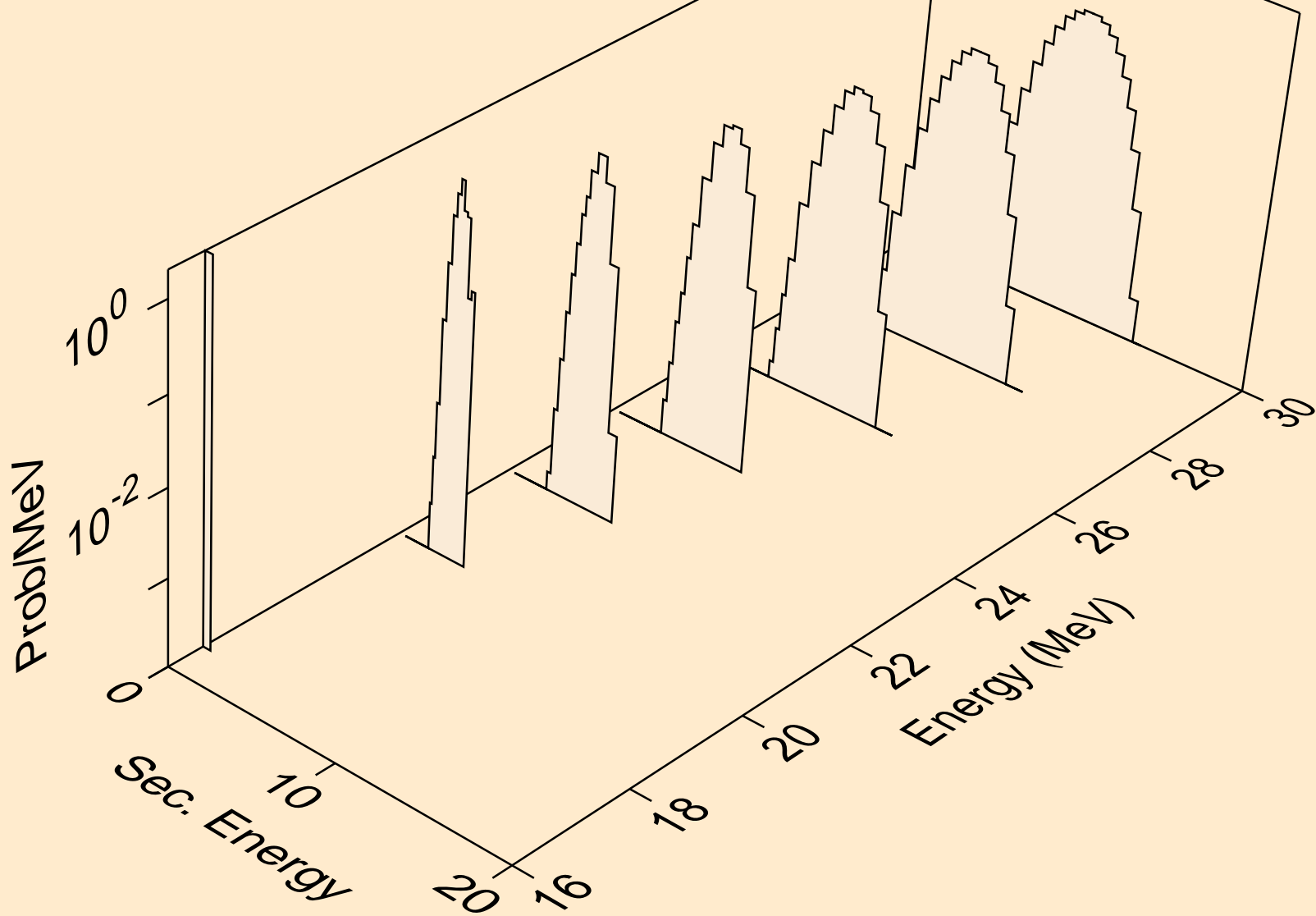
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



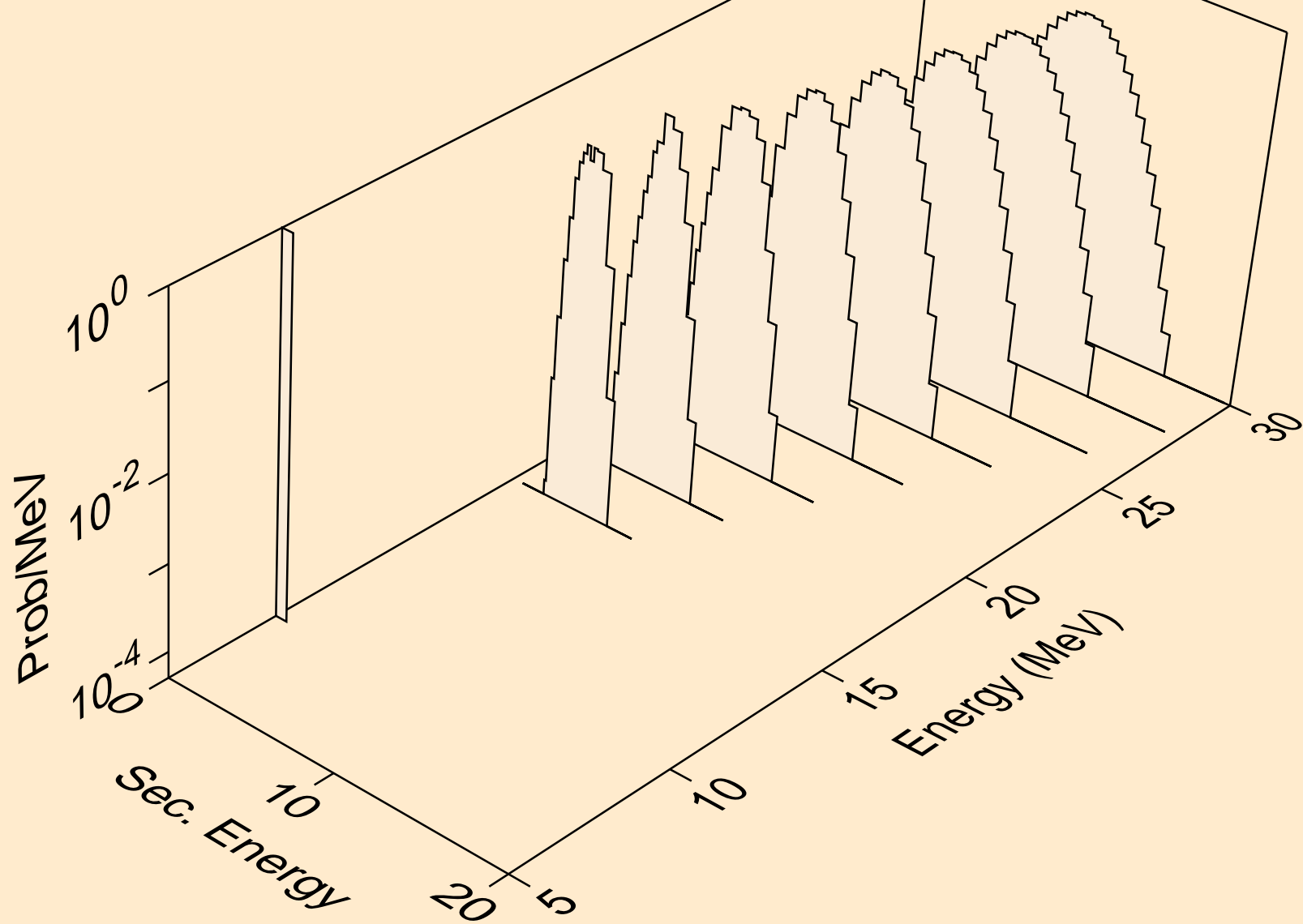
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



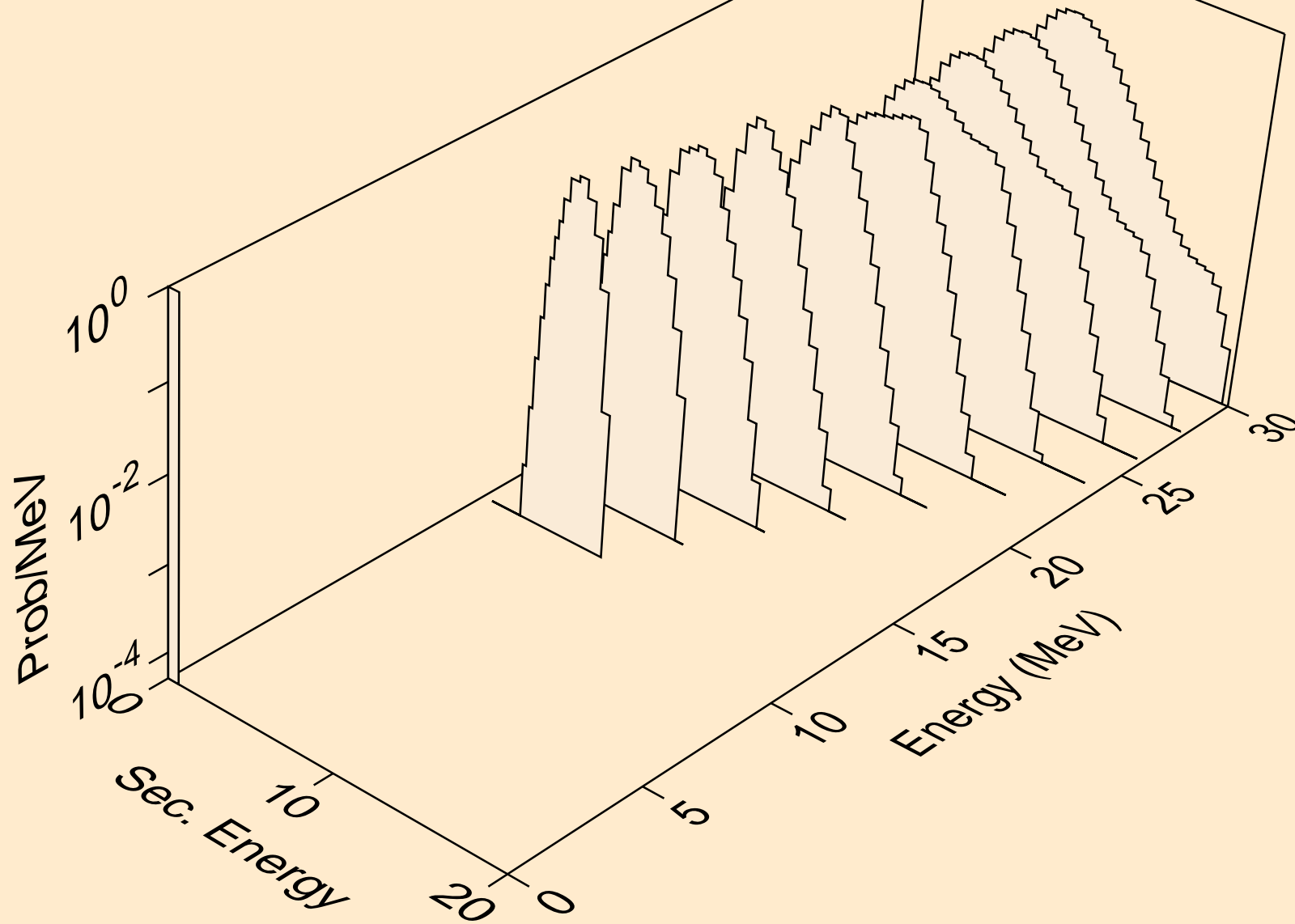
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



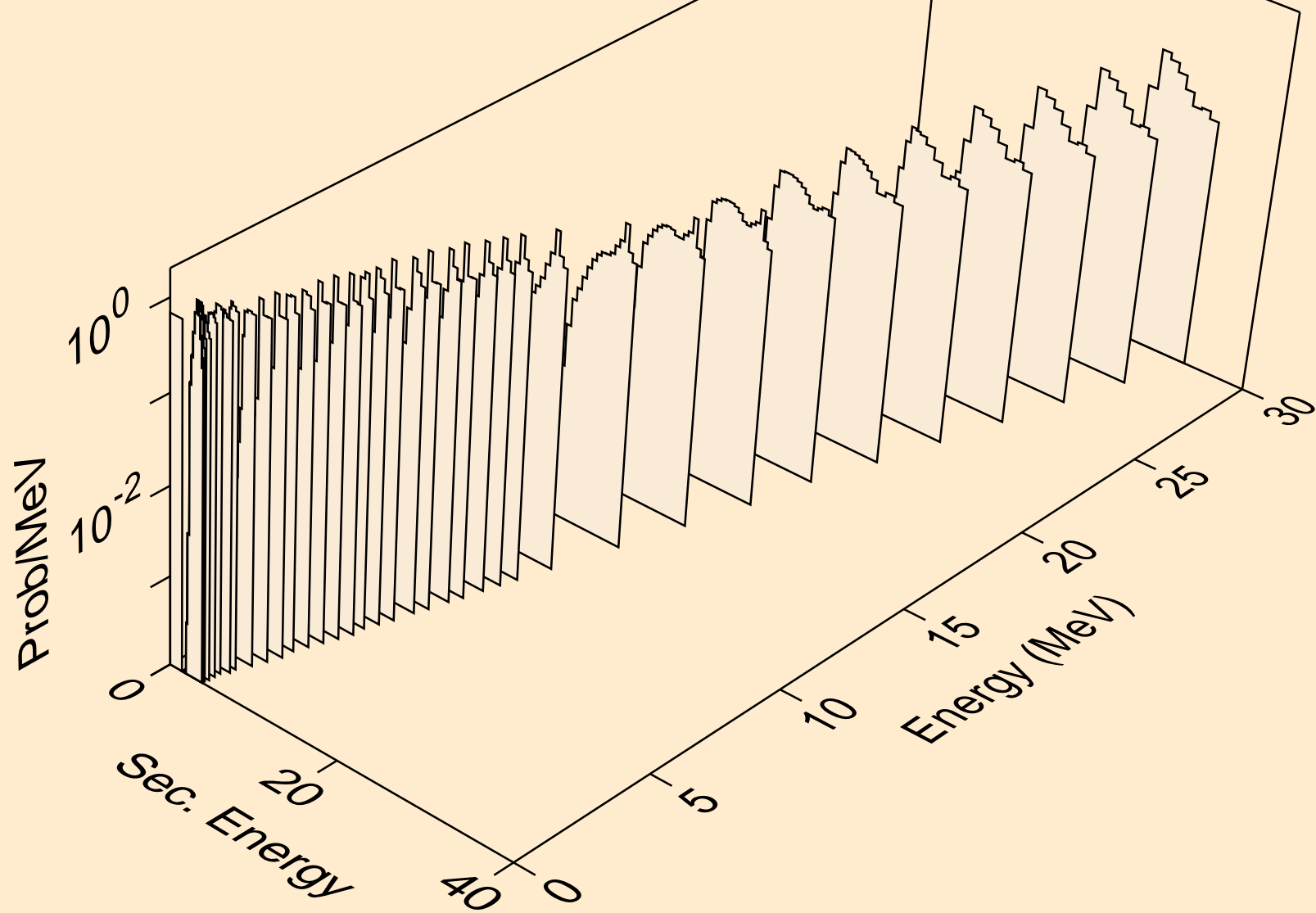
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



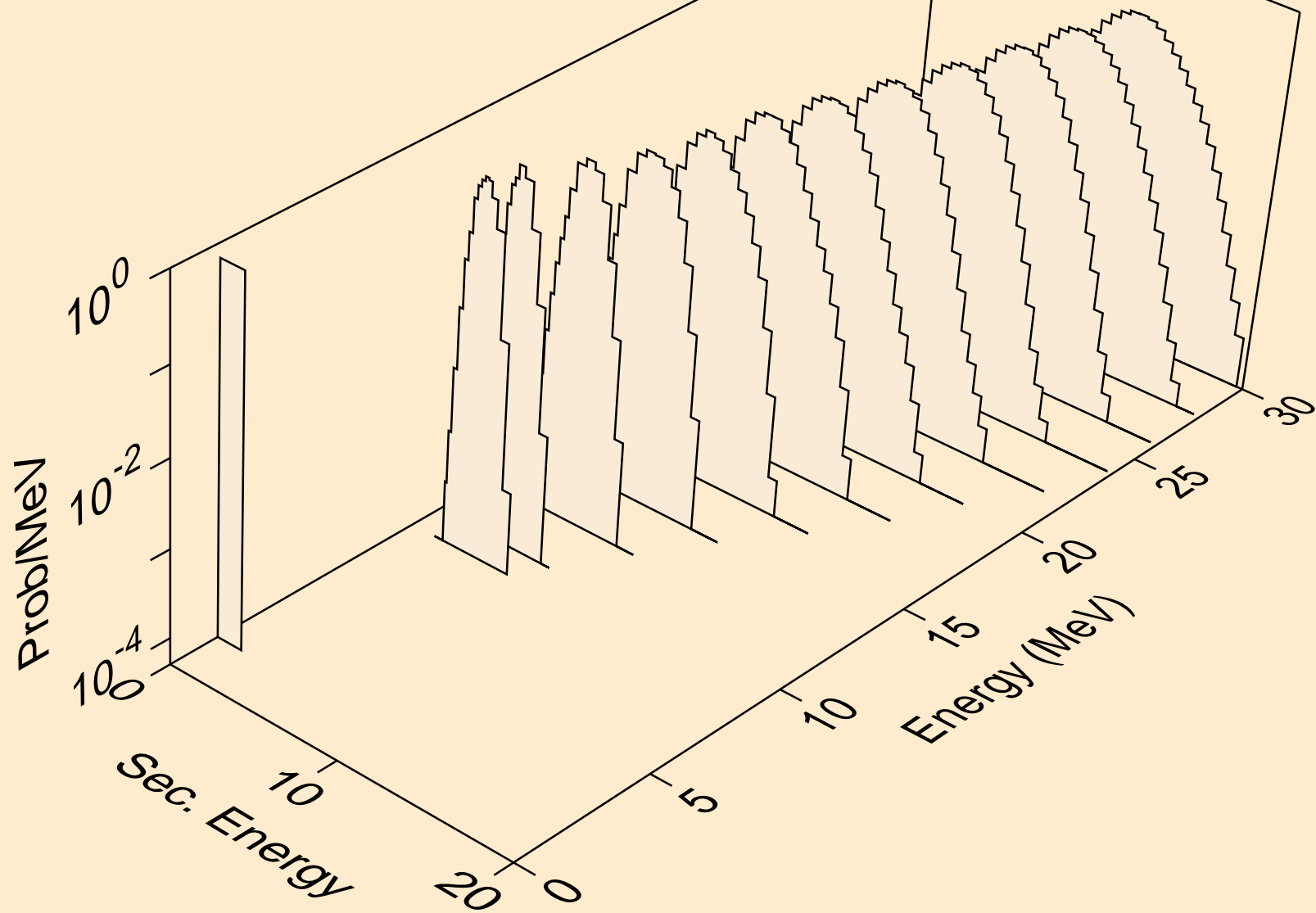
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

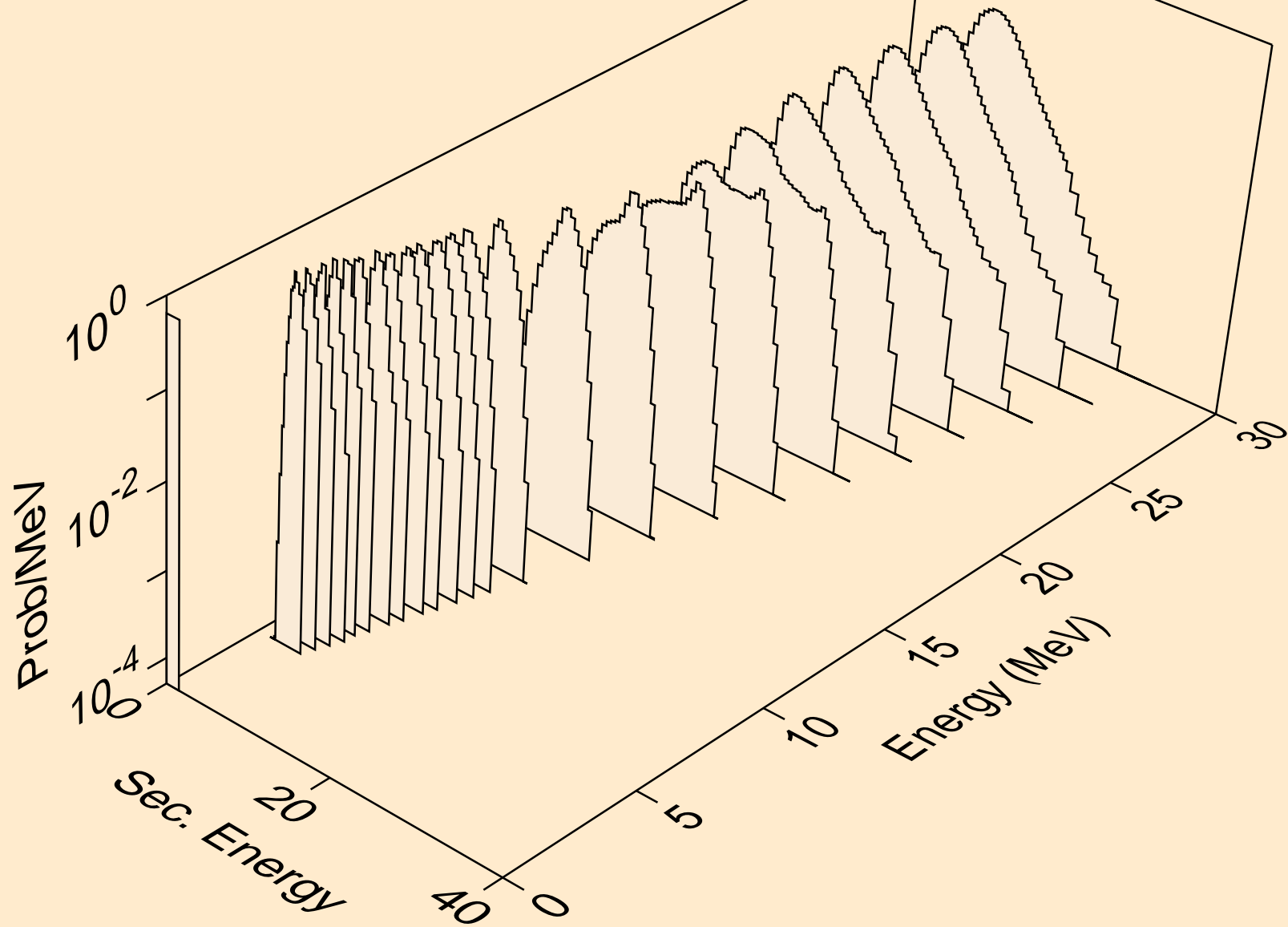


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)

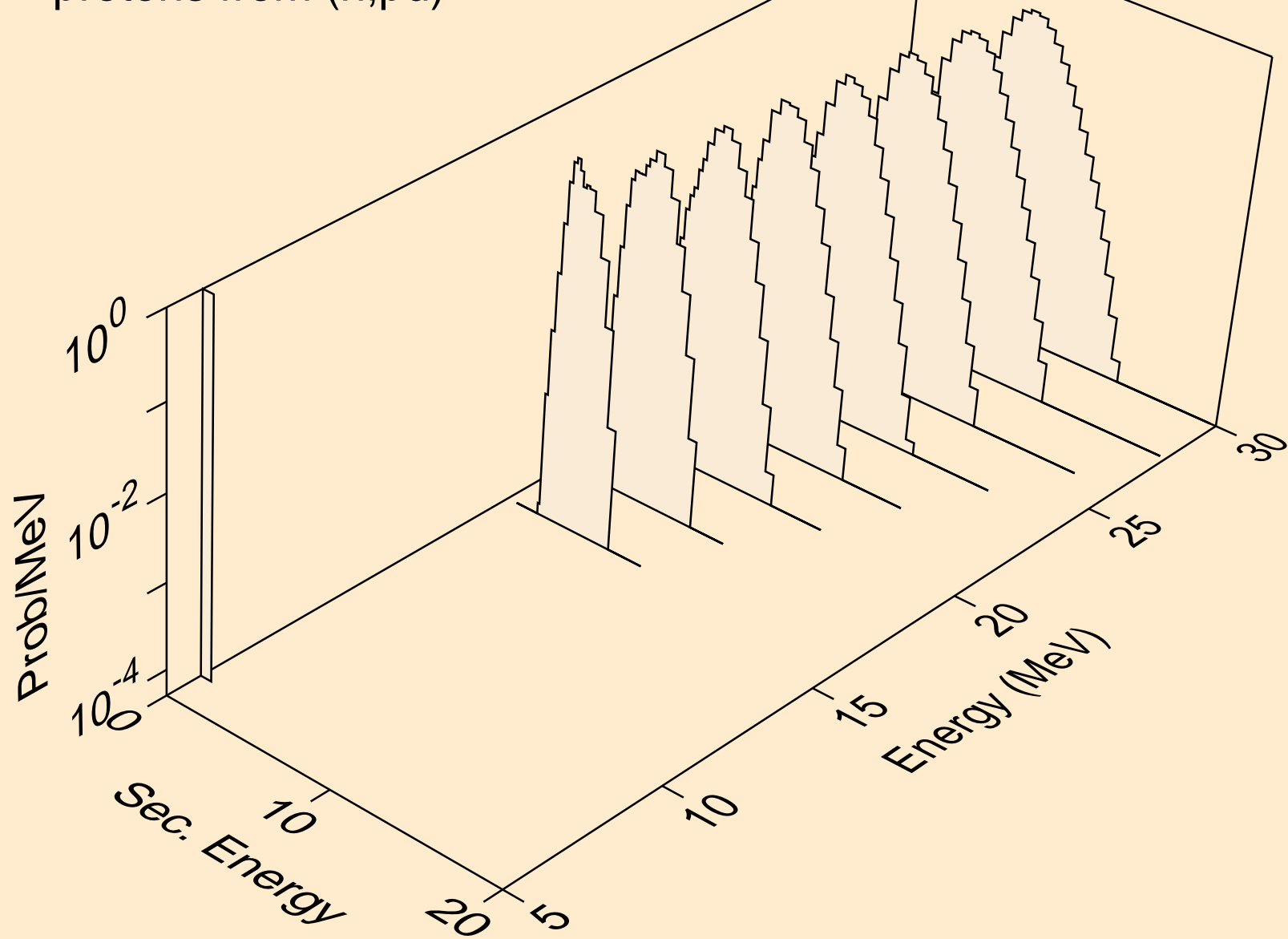




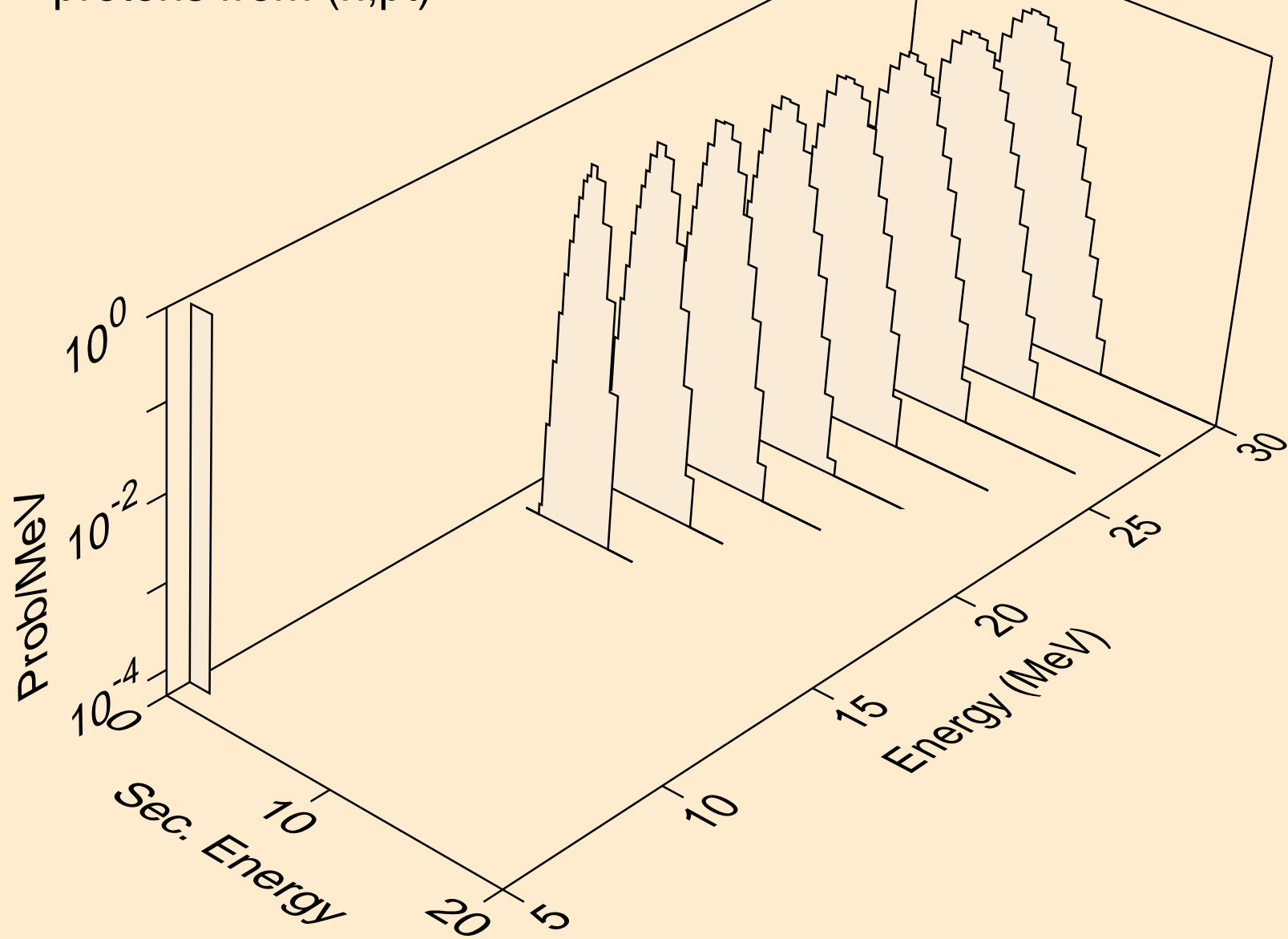
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



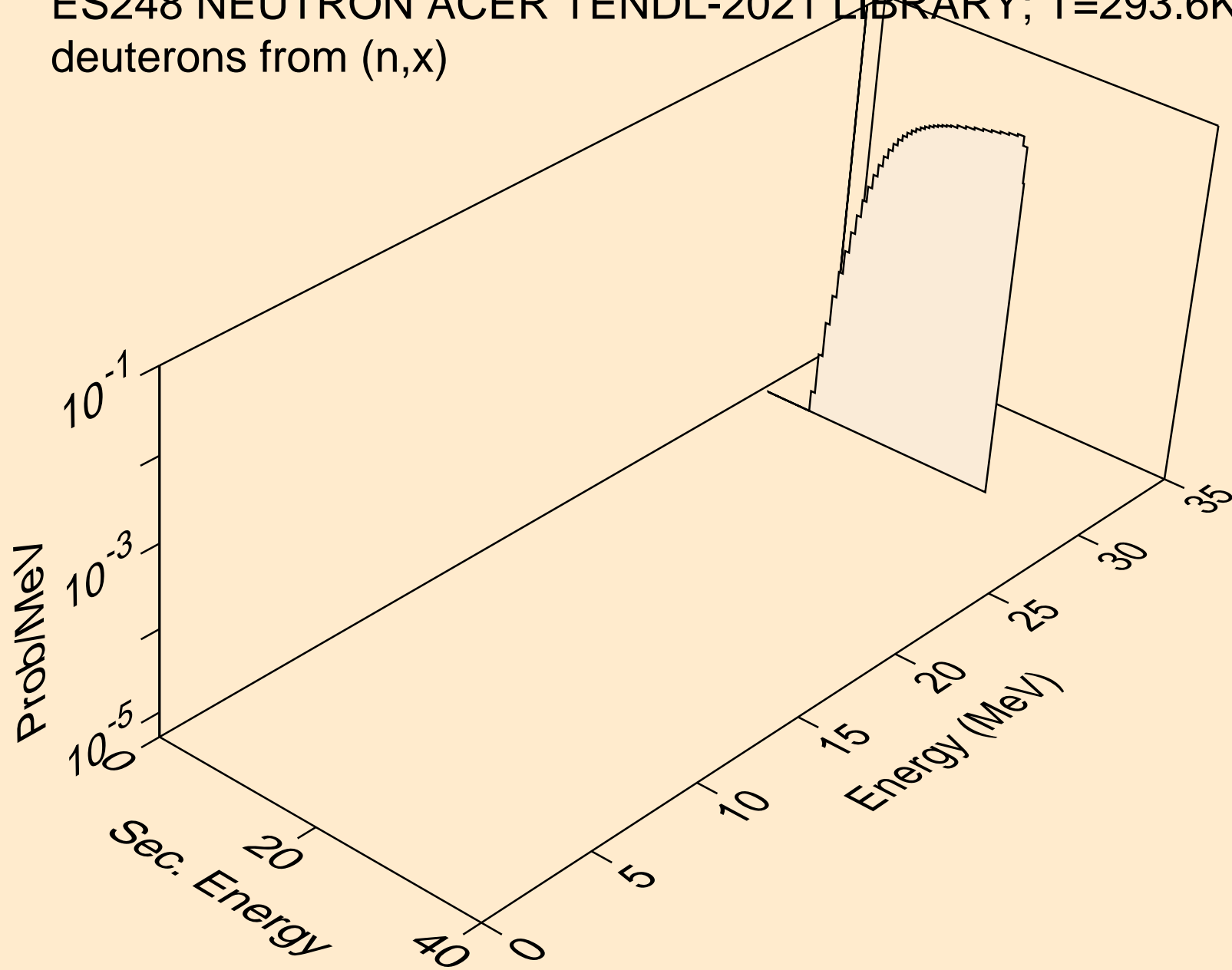
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



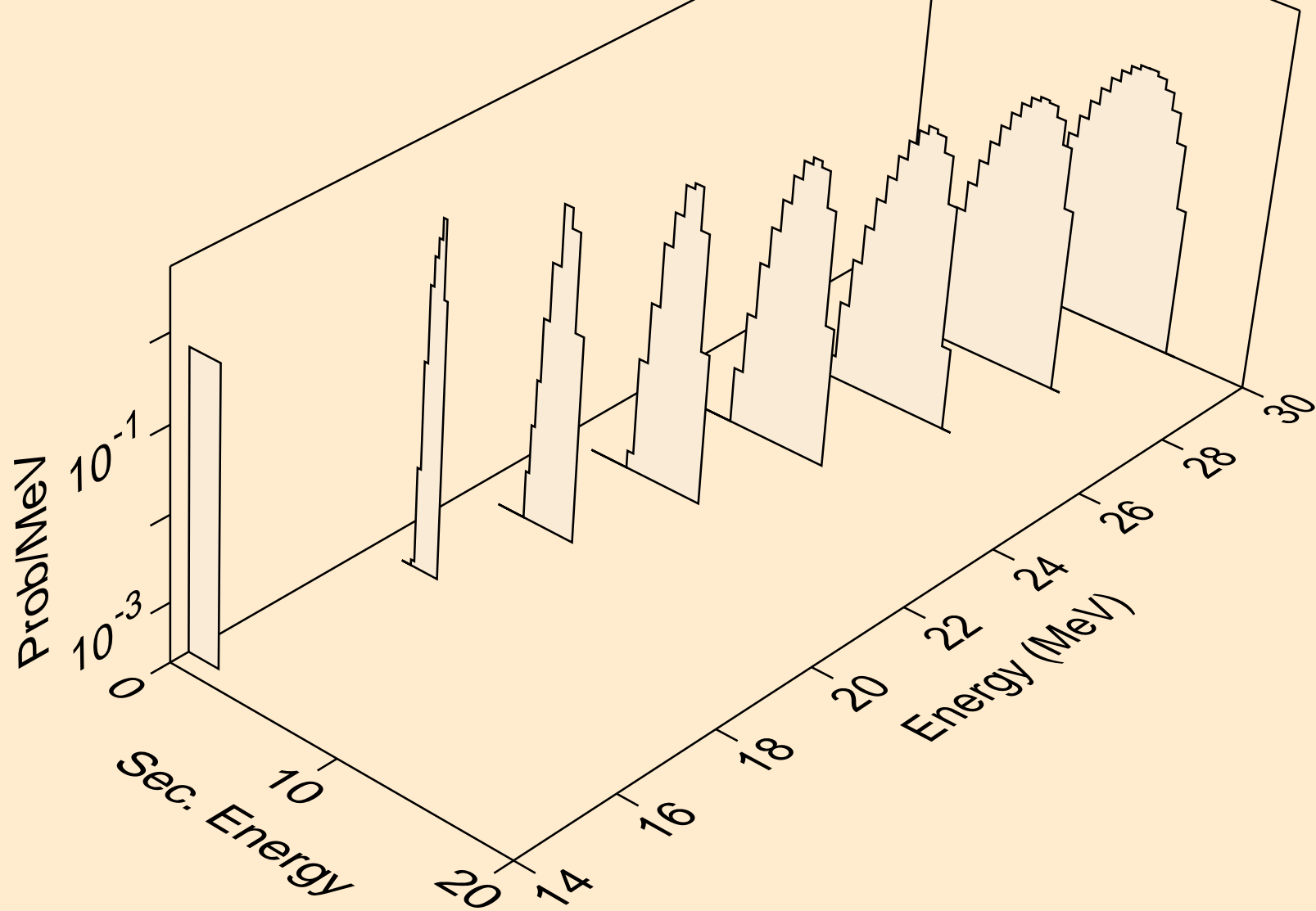
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



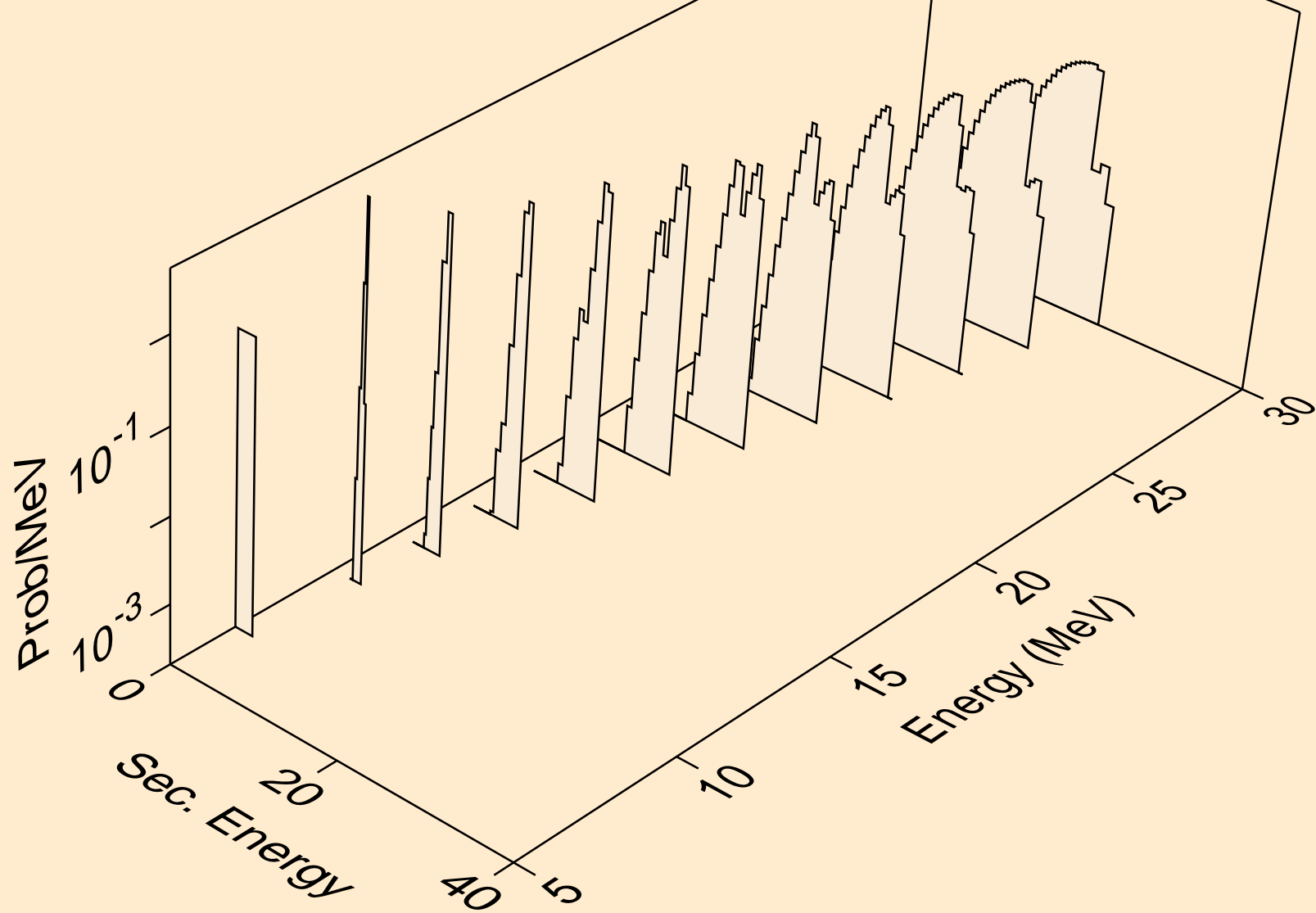
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



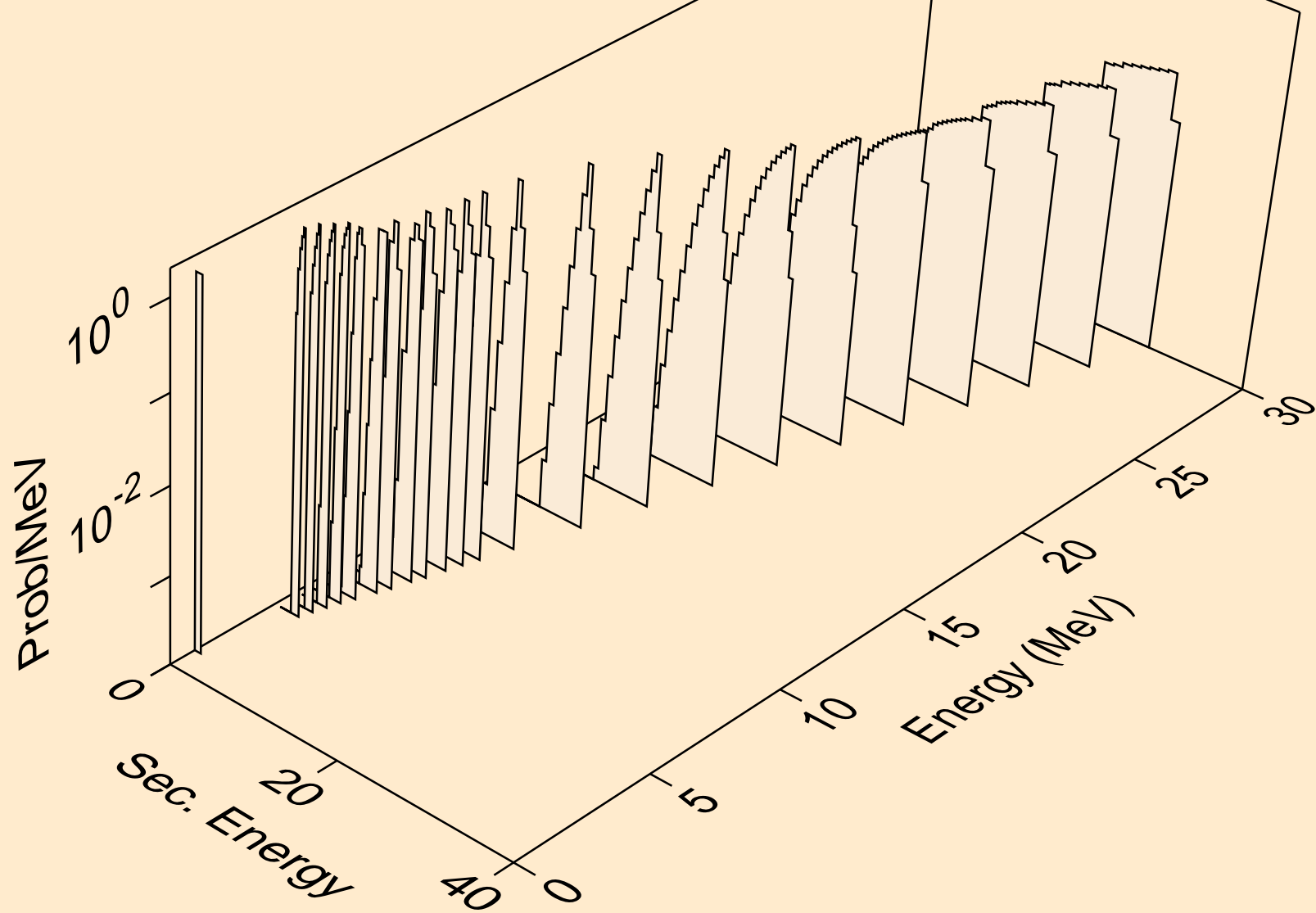
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



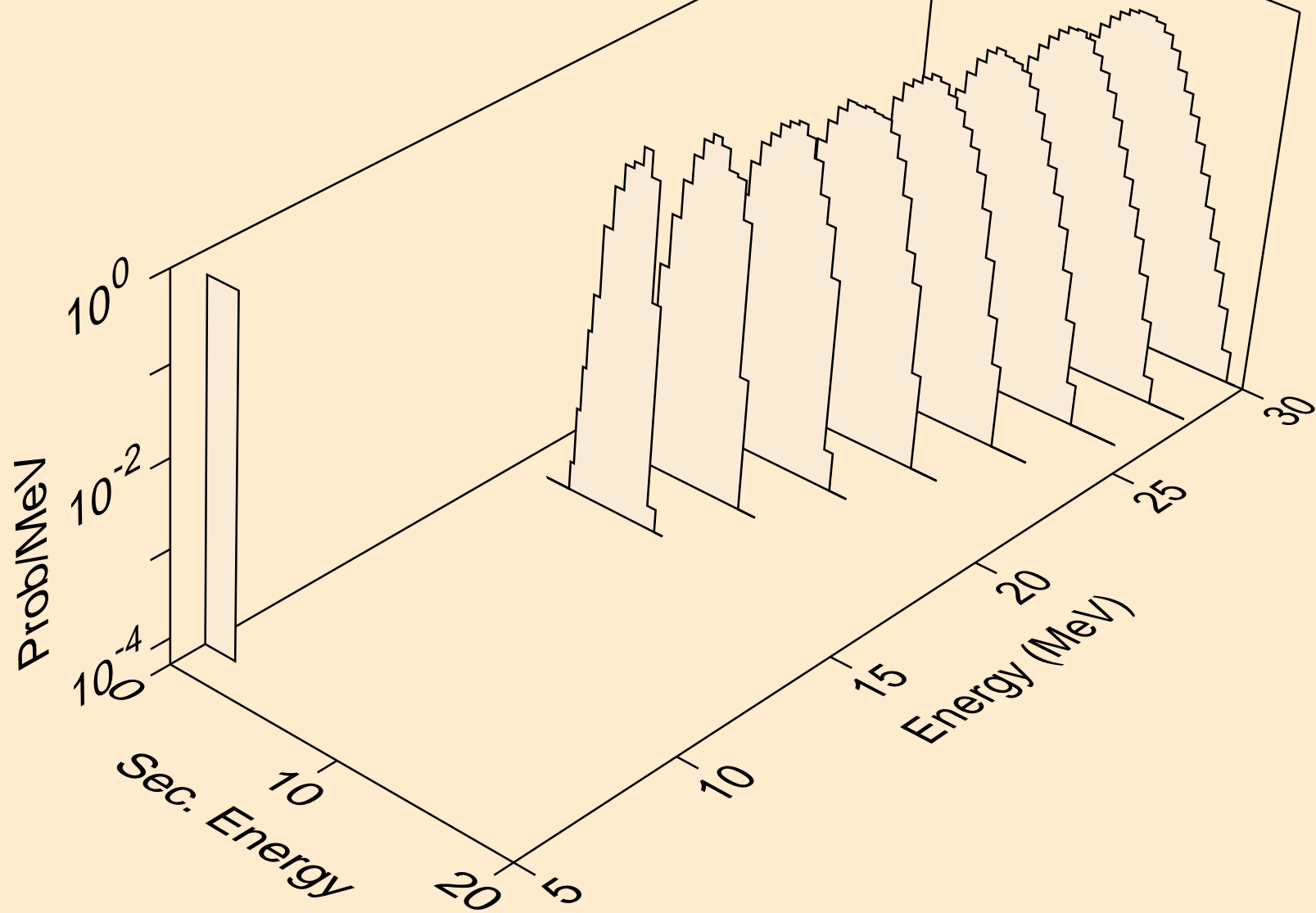
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

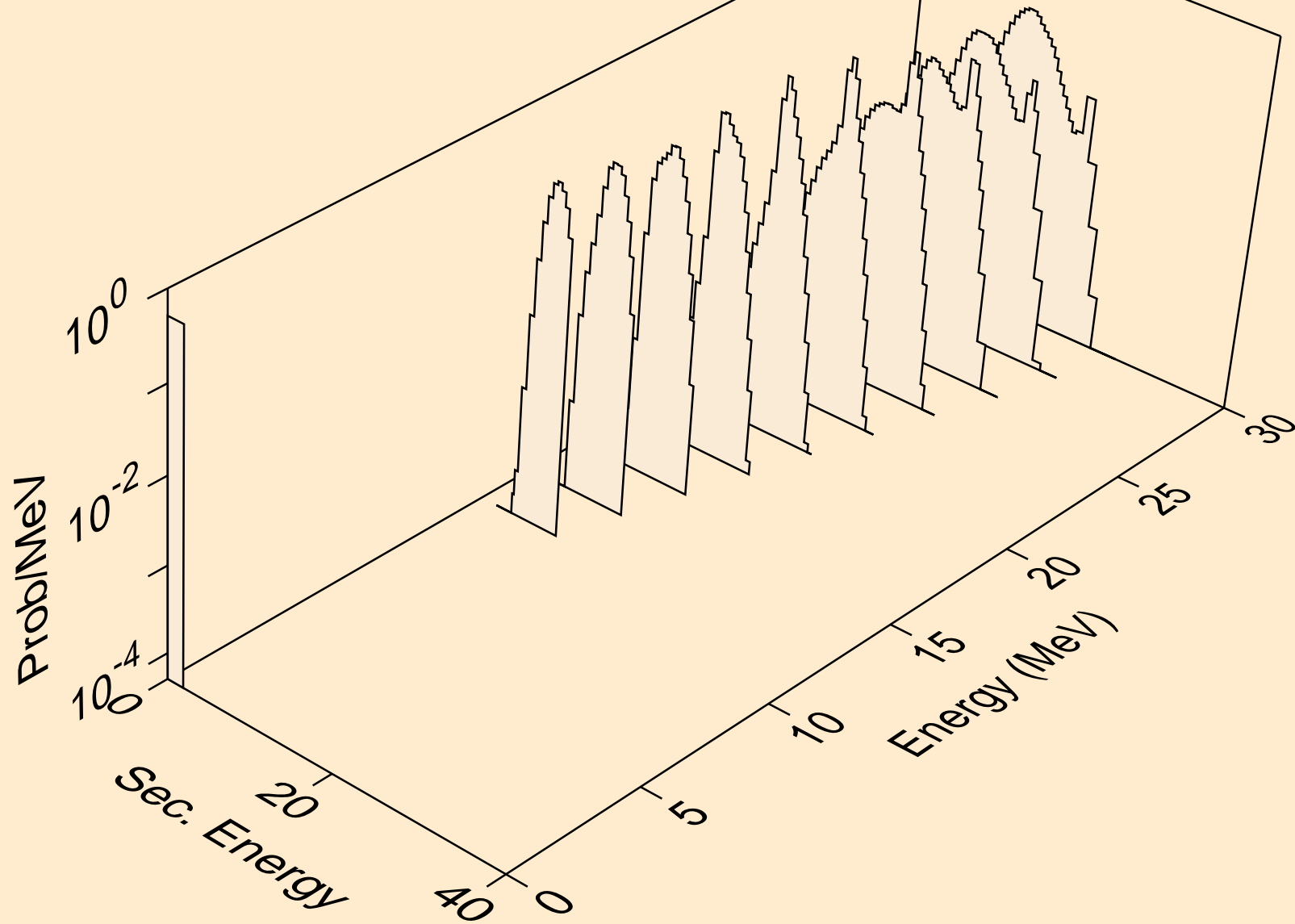


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

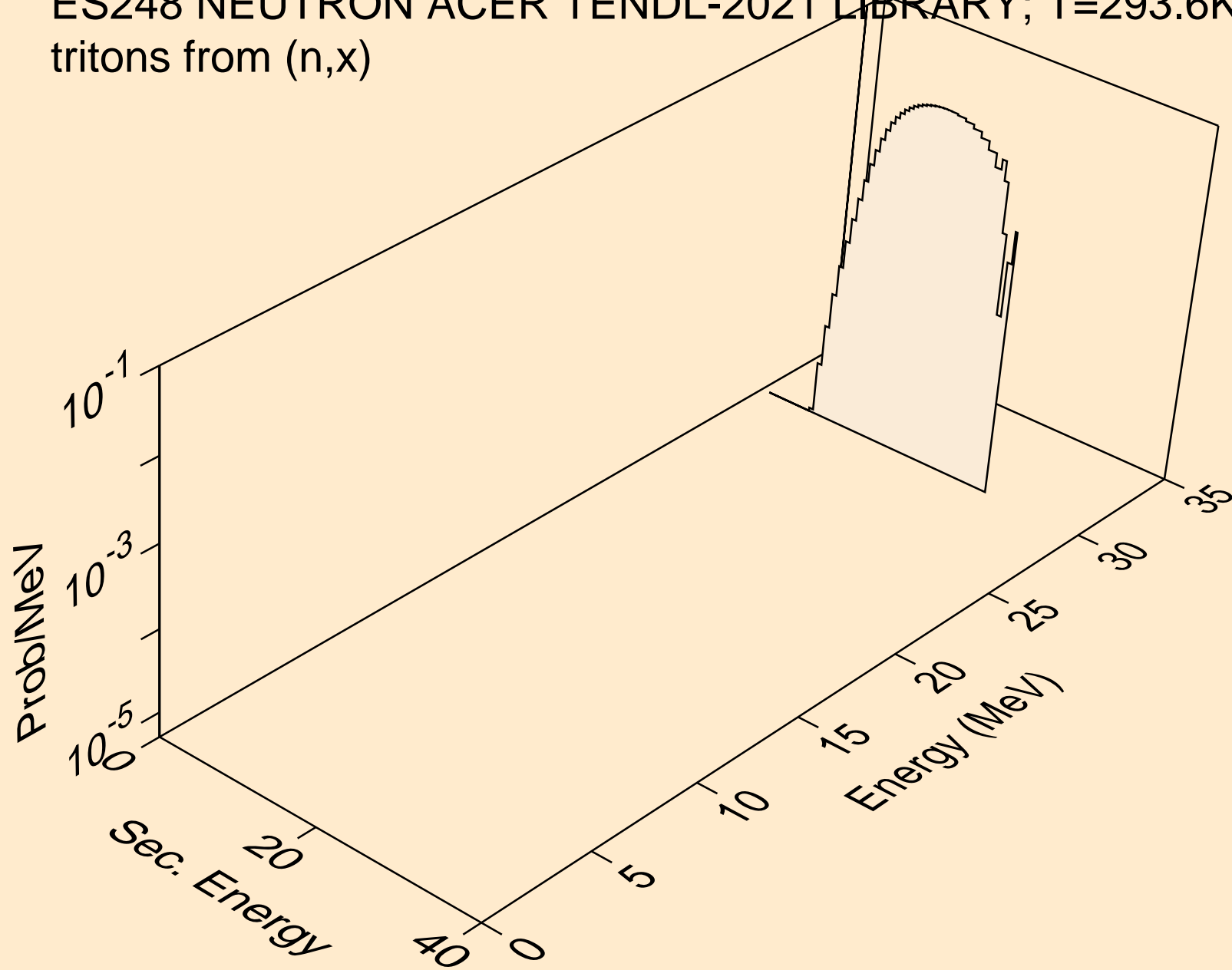




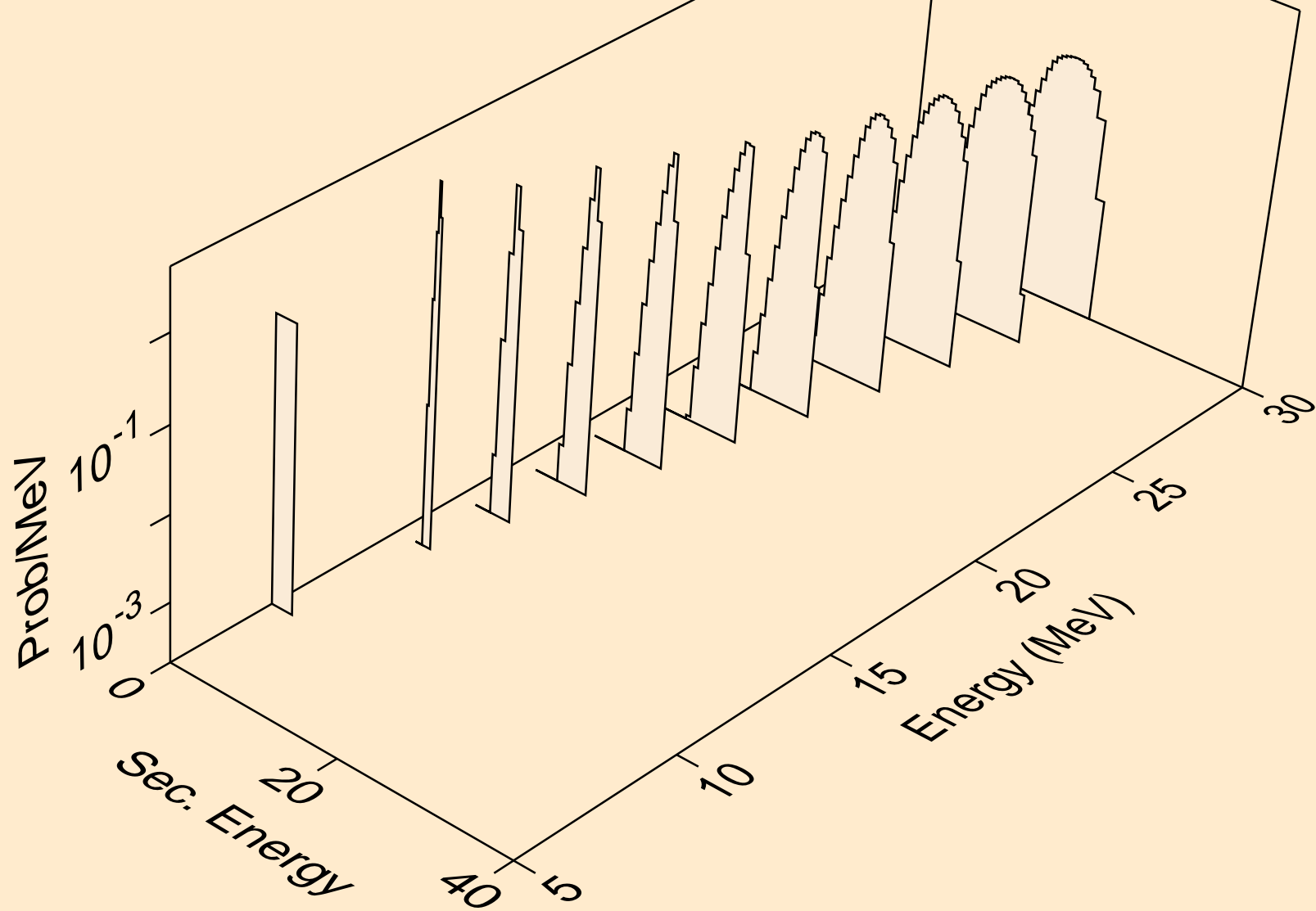
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



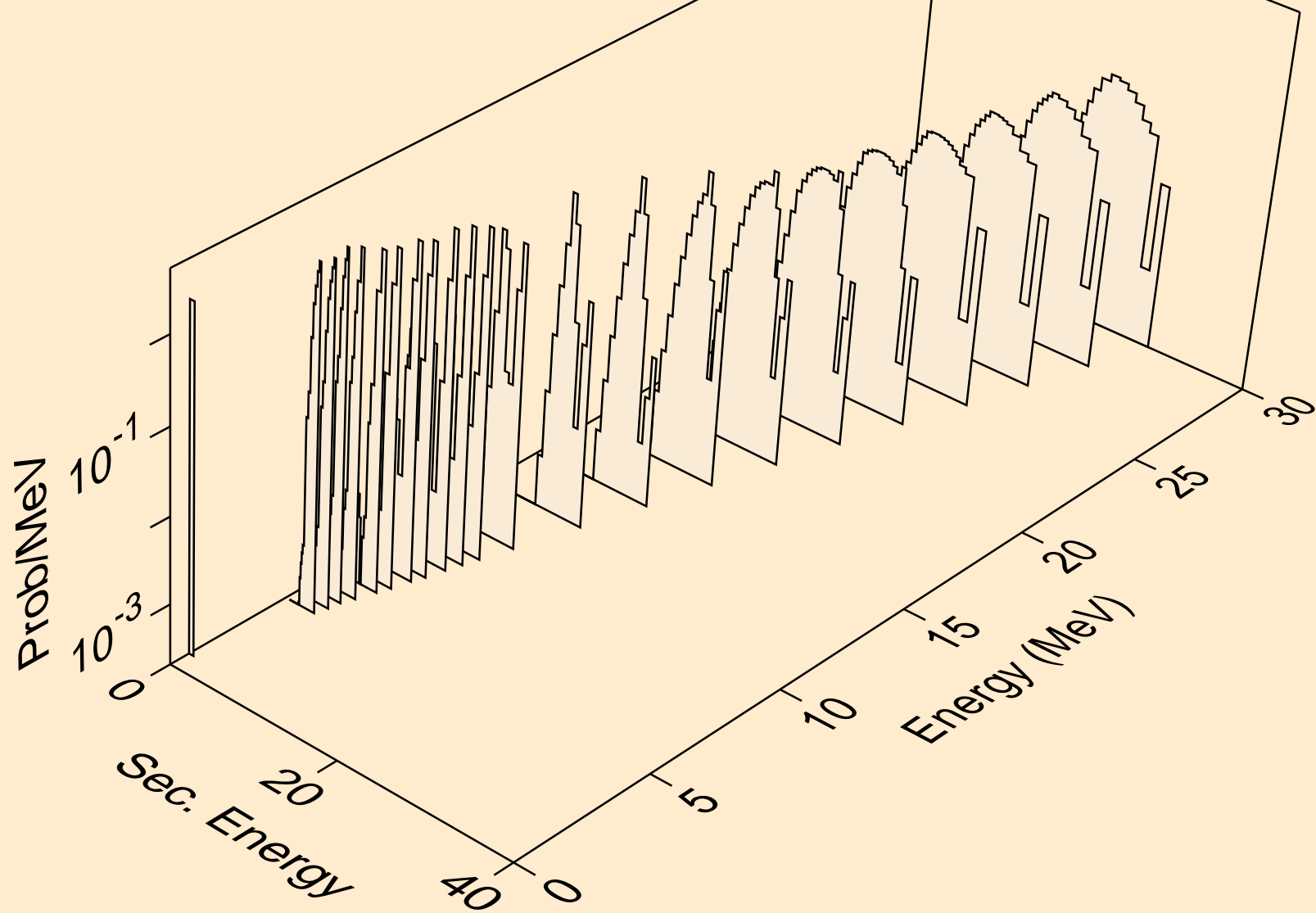
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



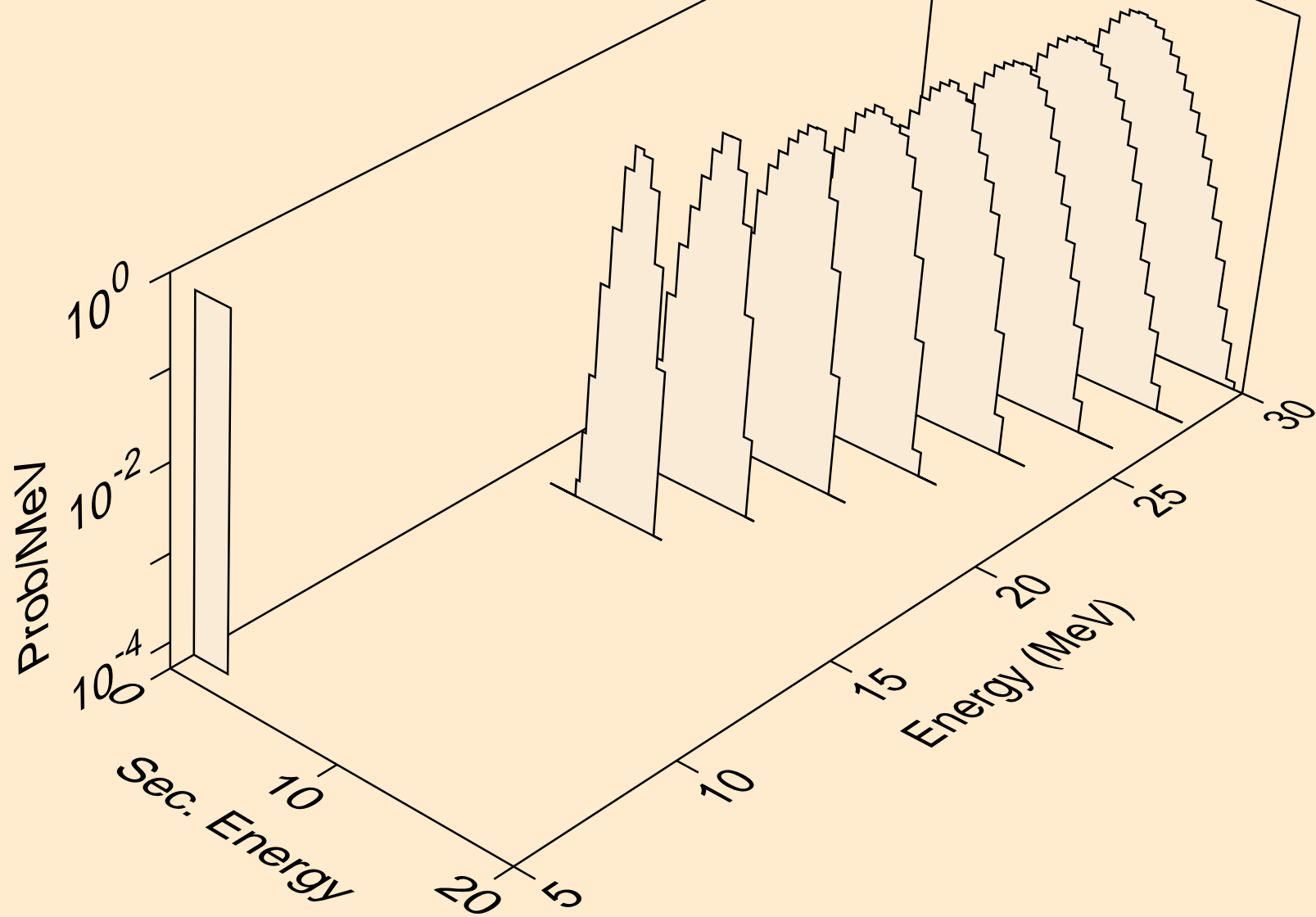
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



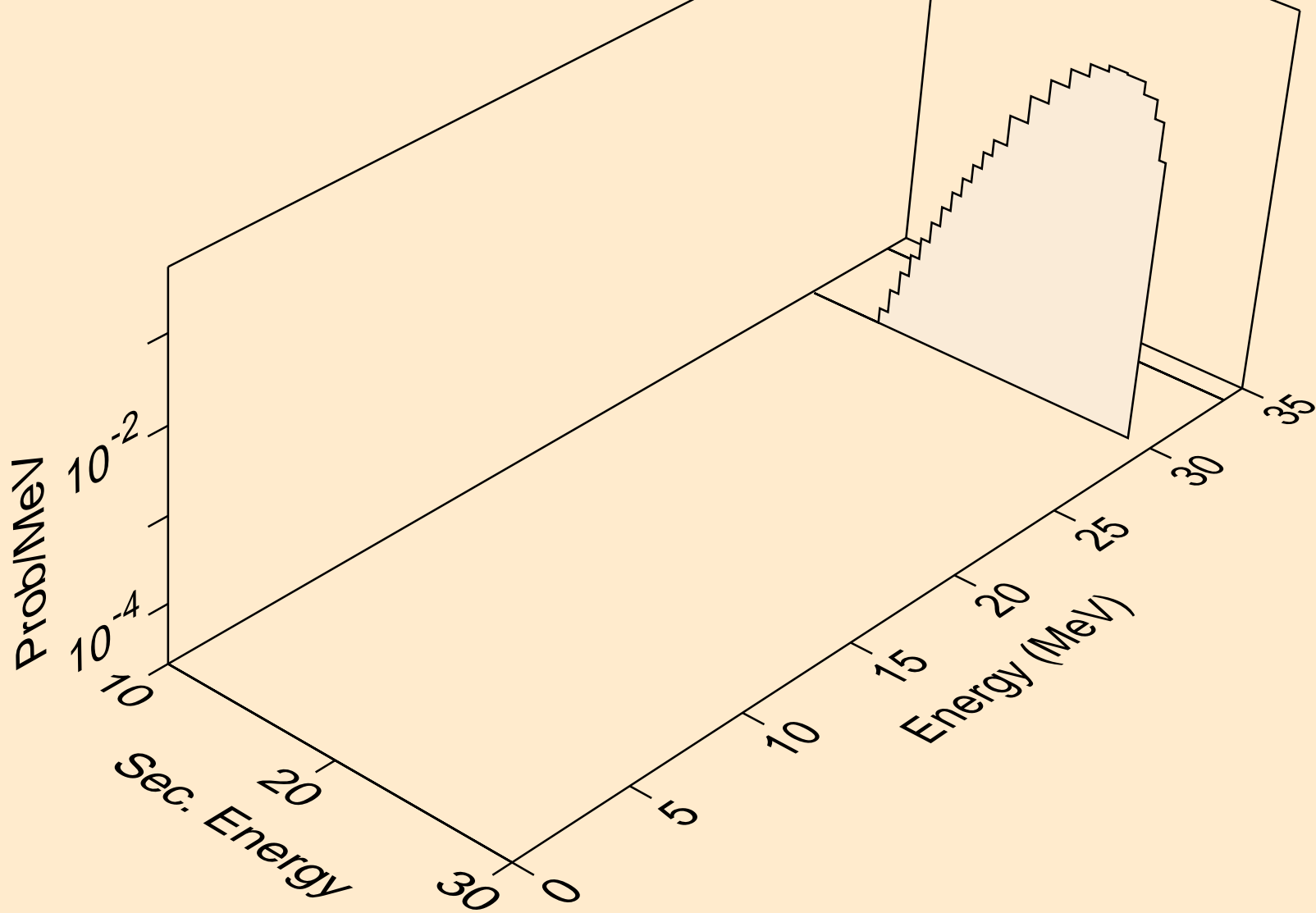
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



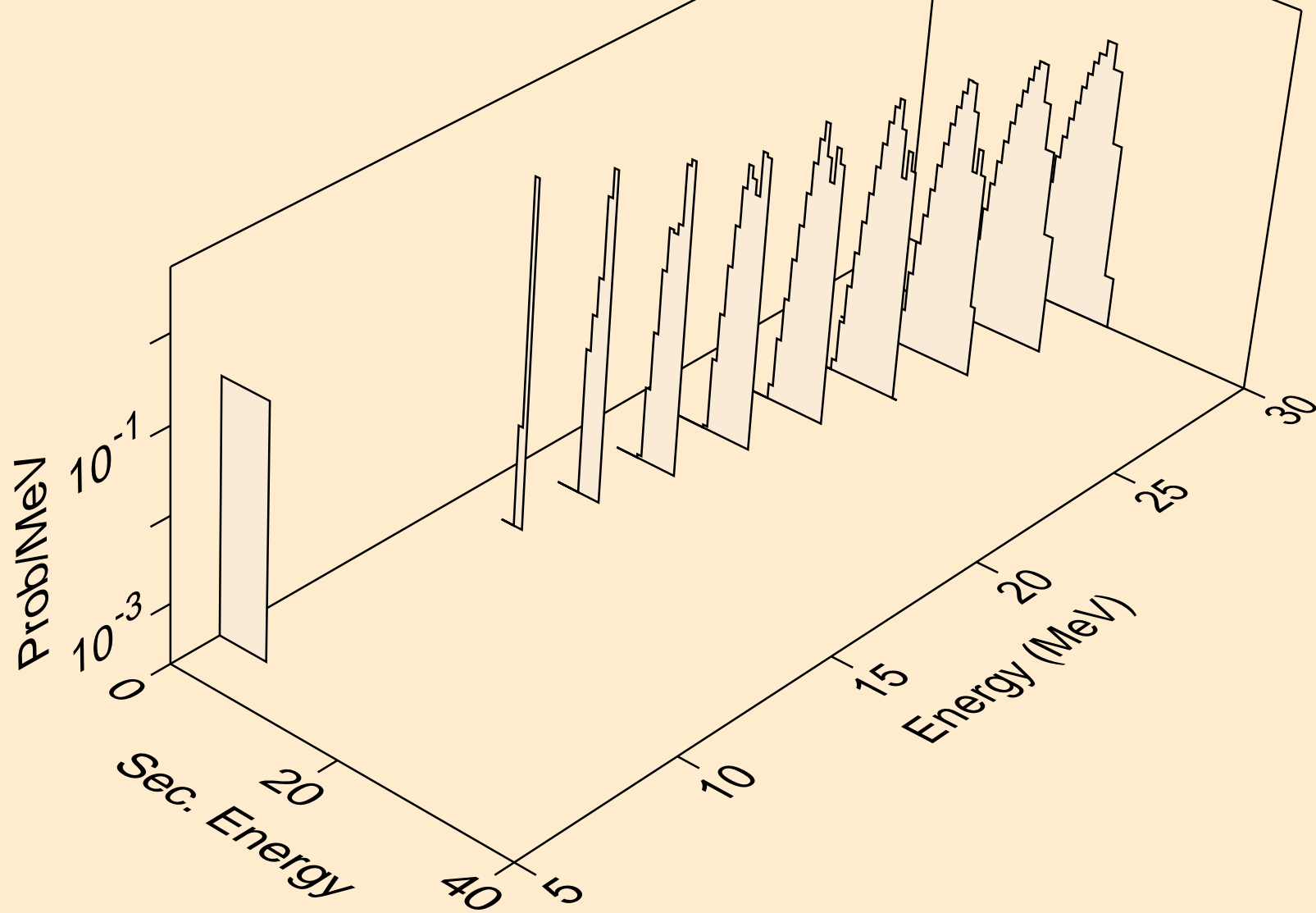
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



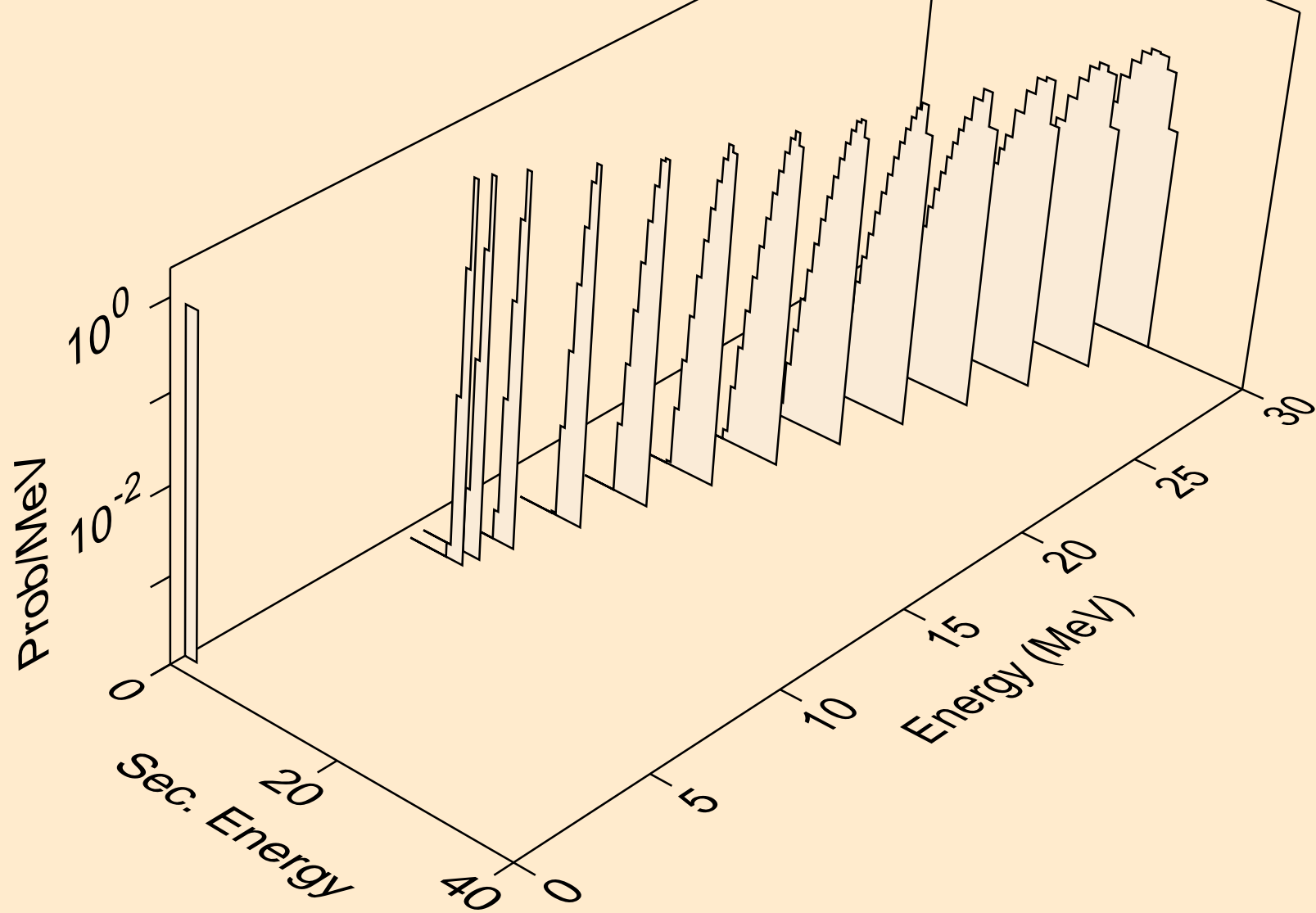
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

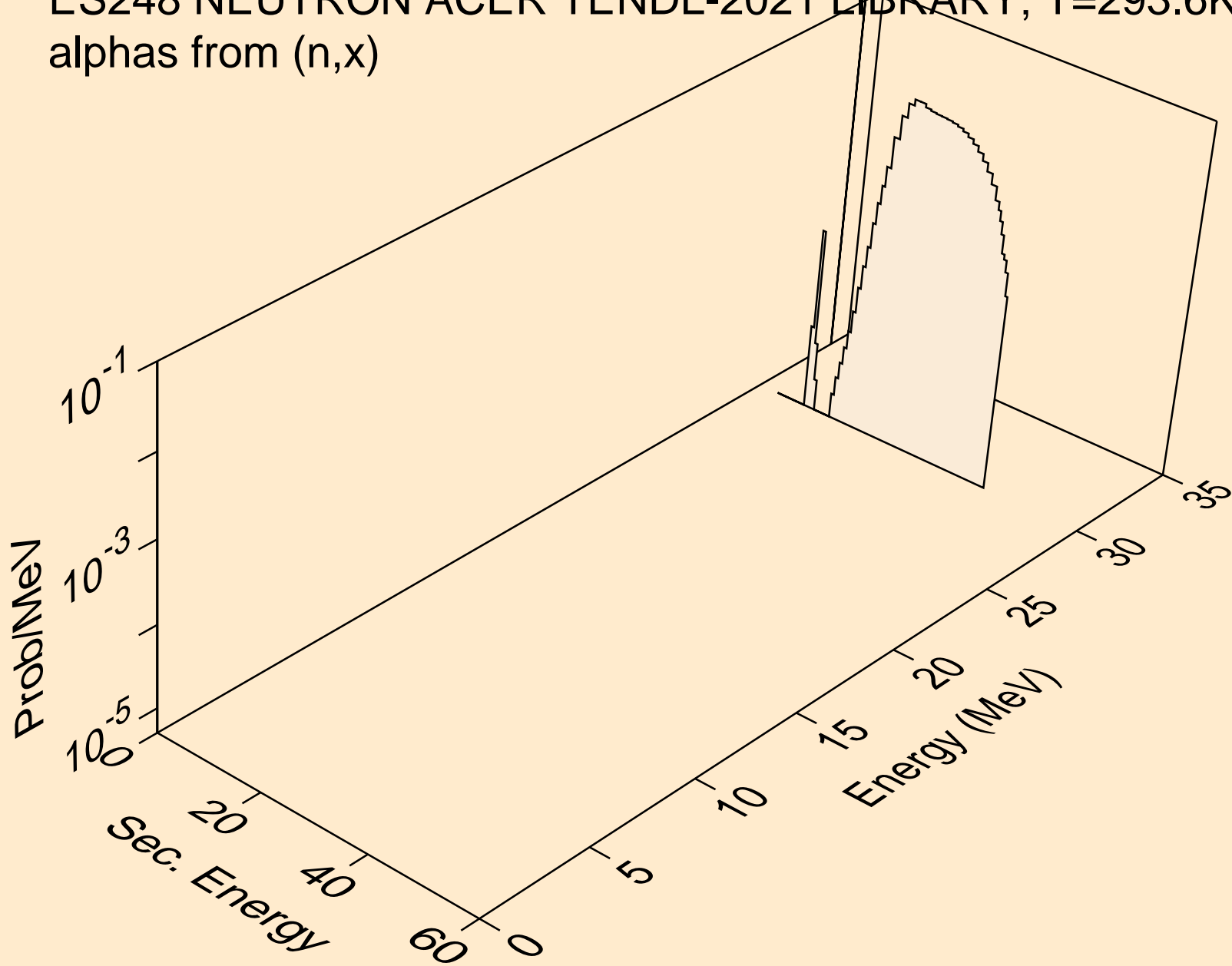


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

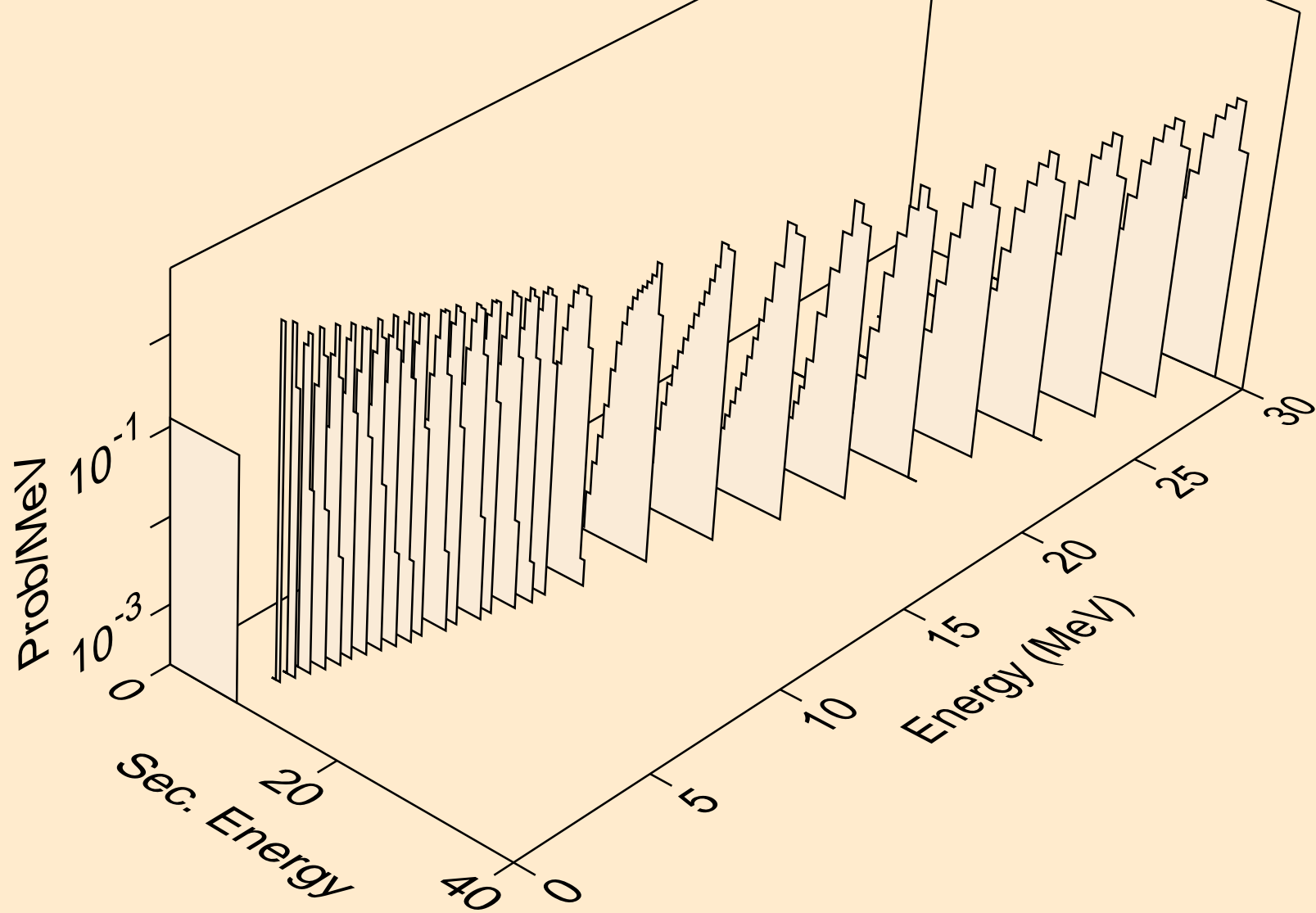




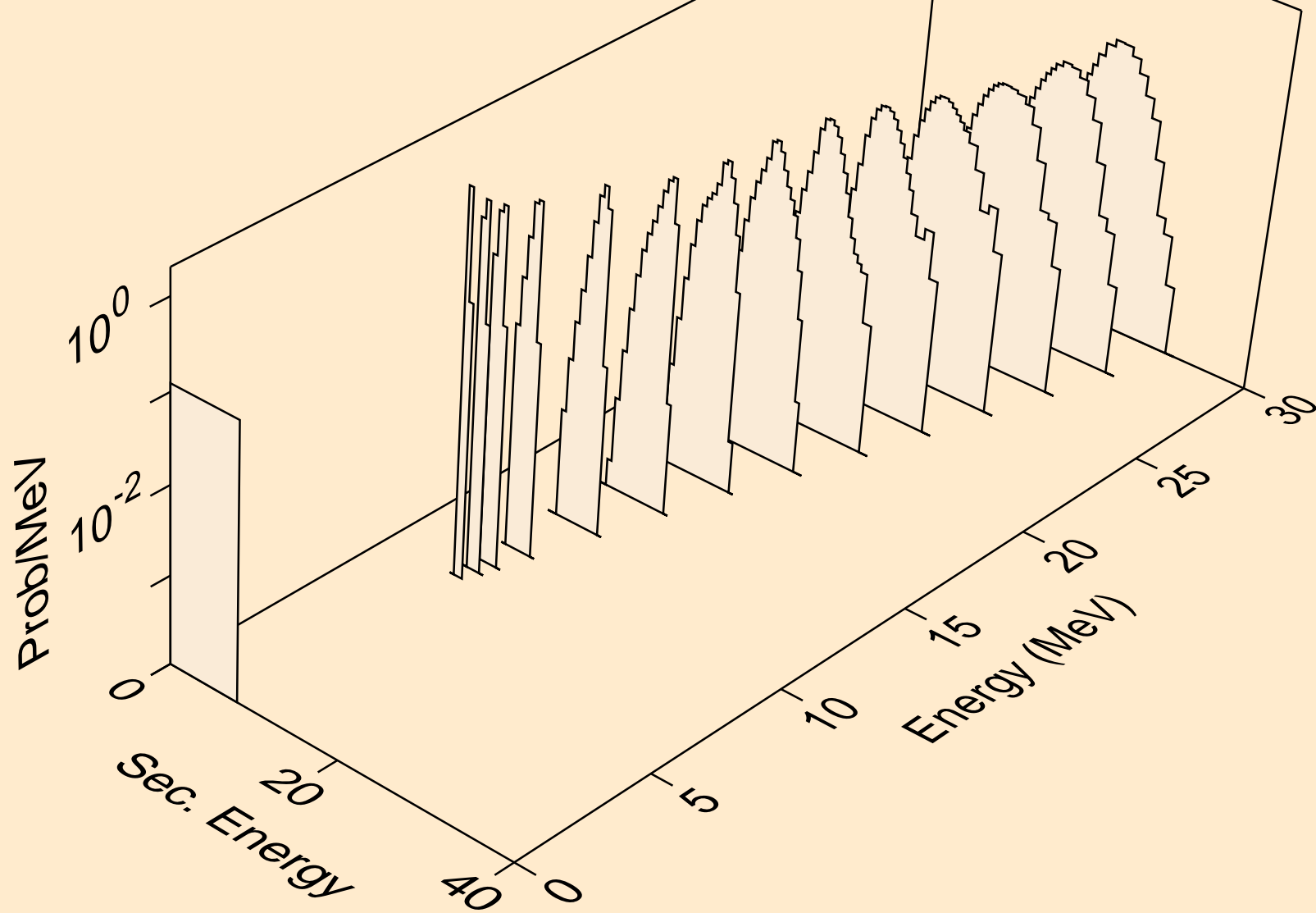
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



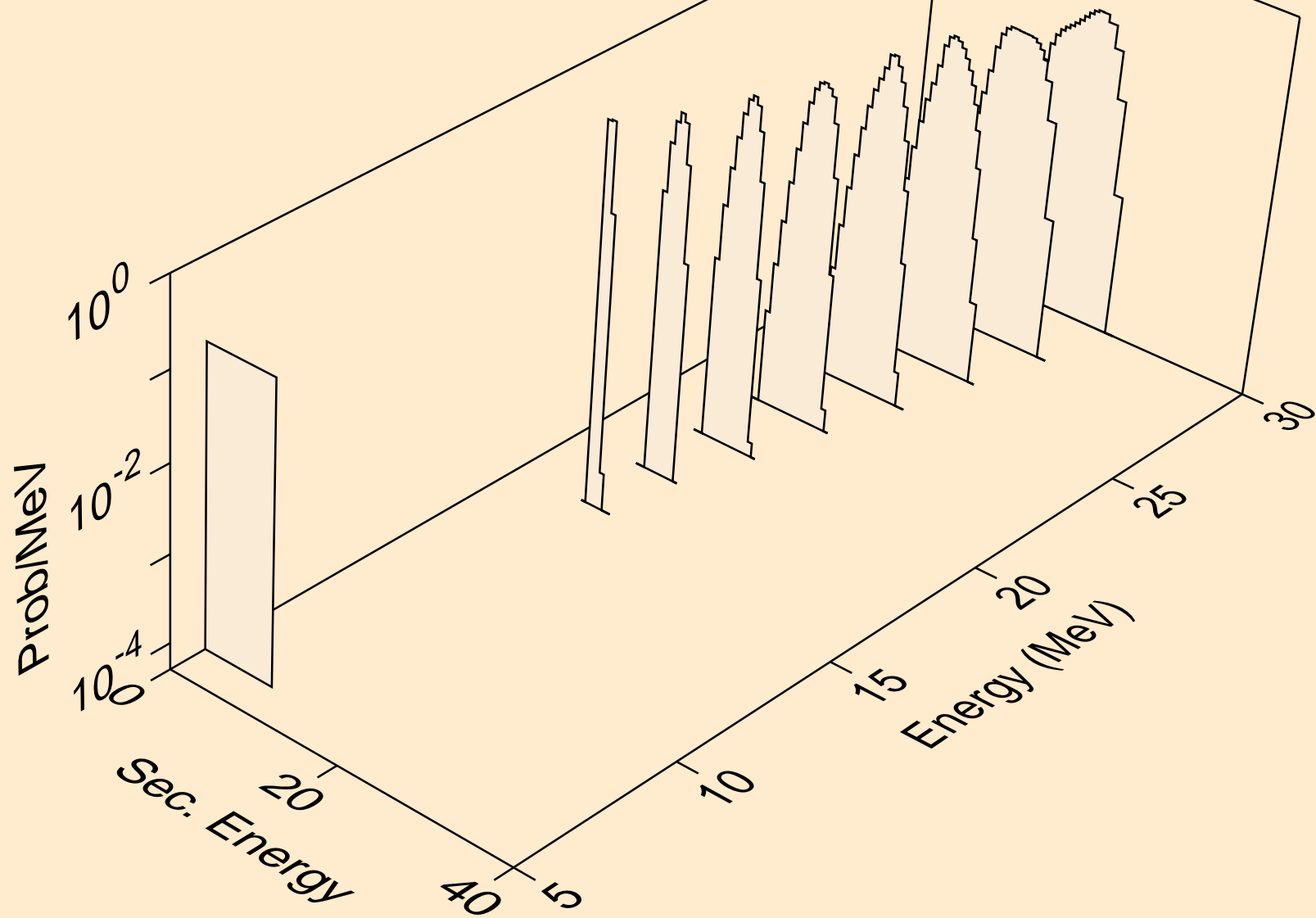
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



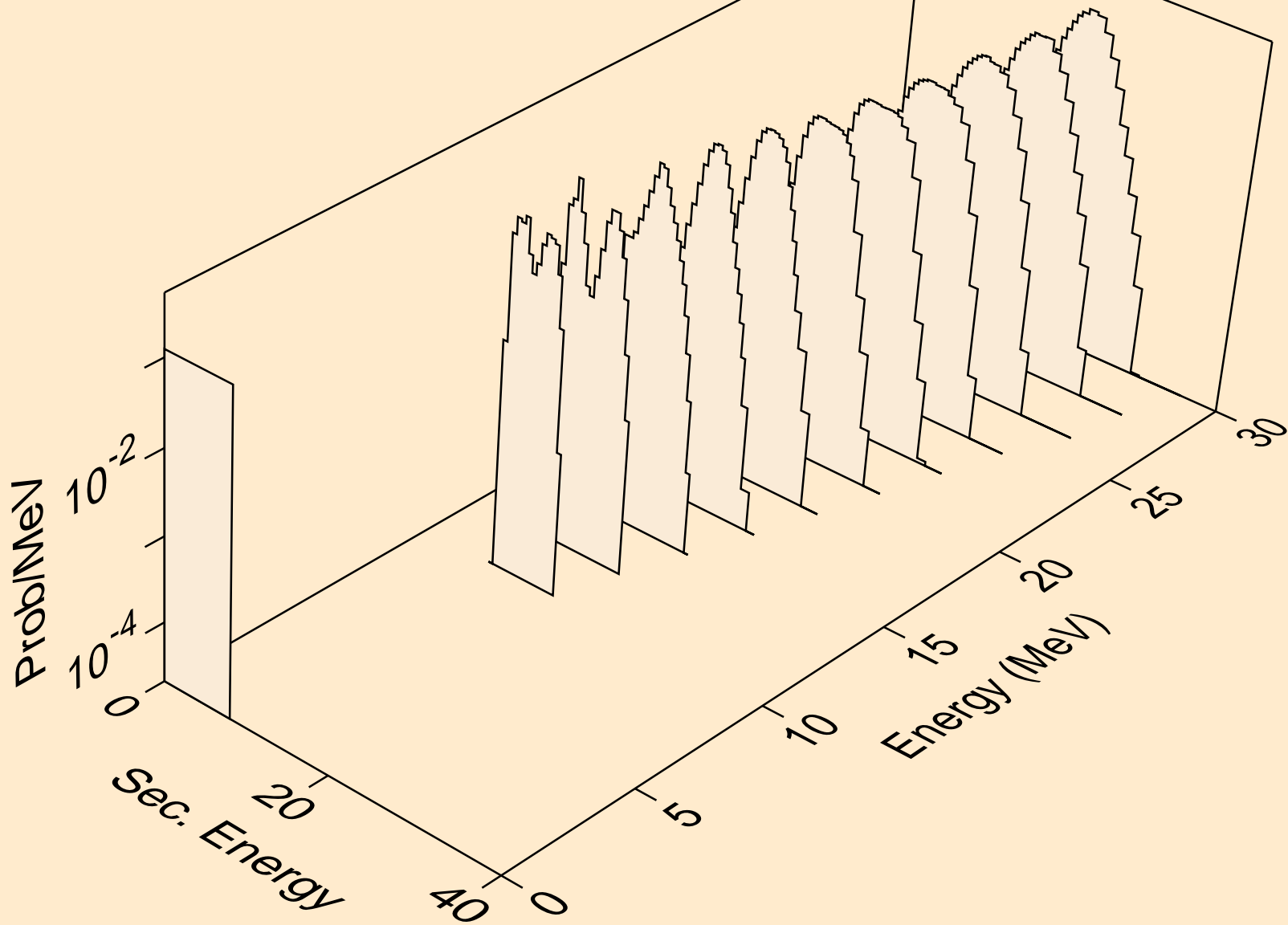
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



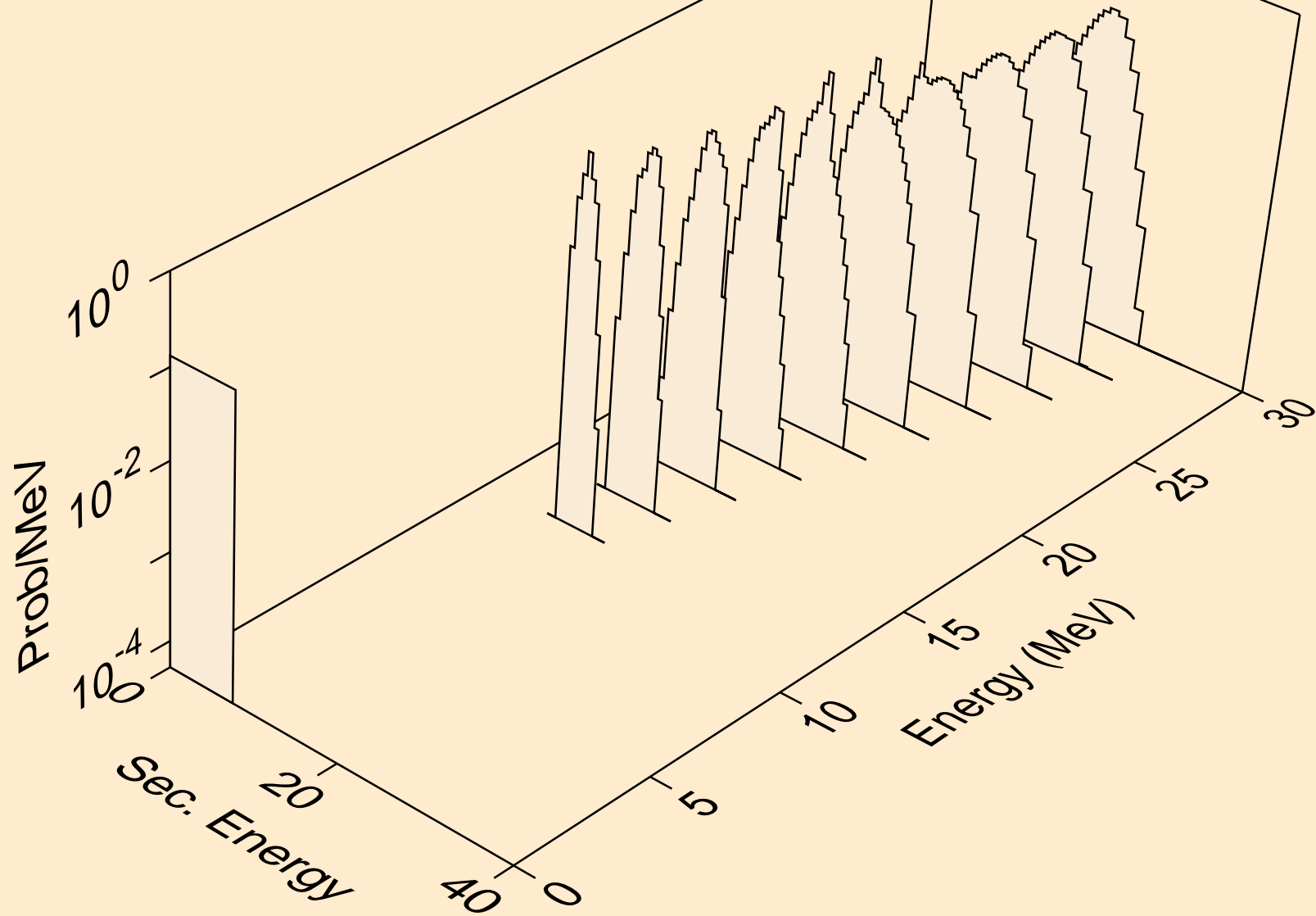
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



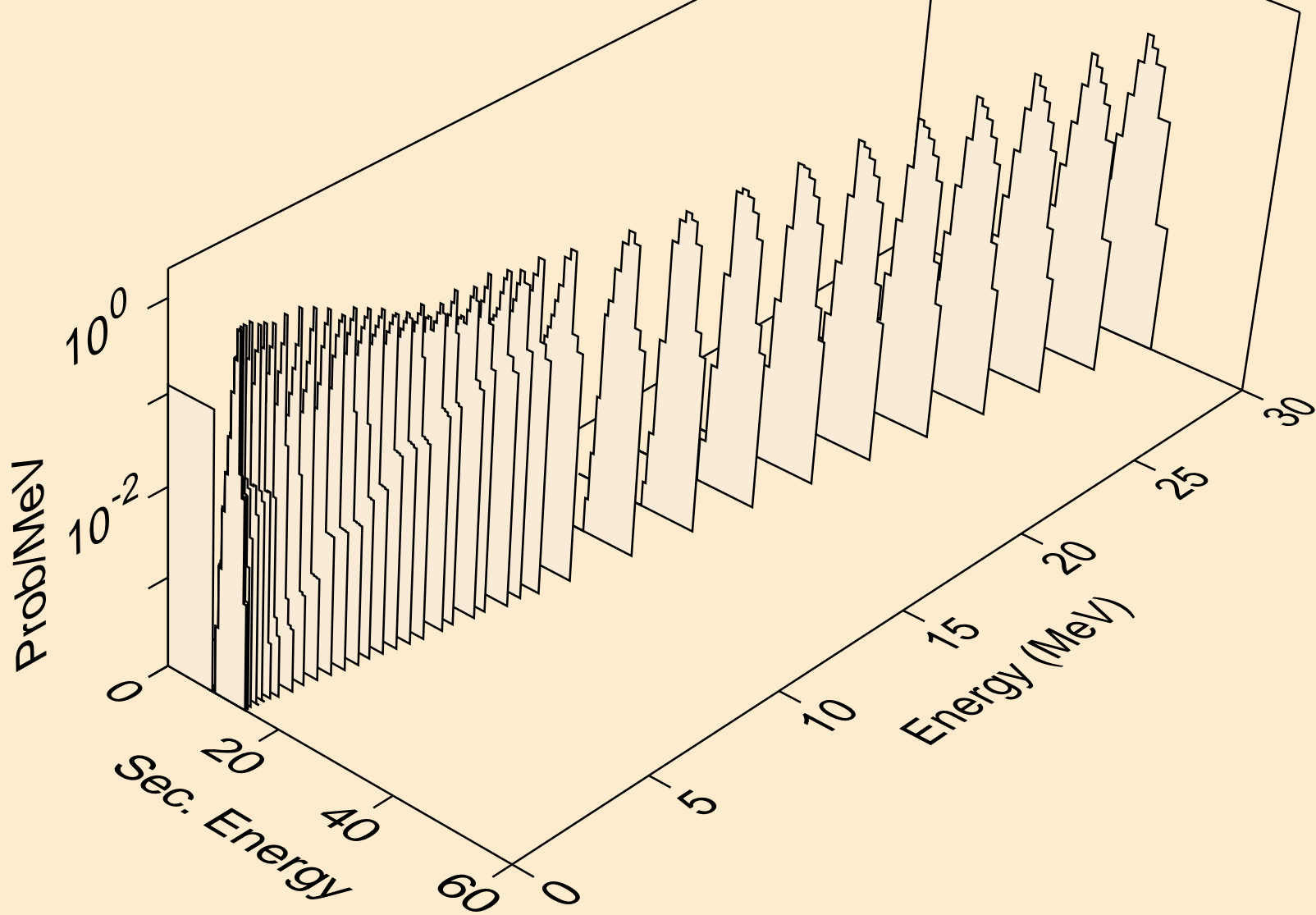
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



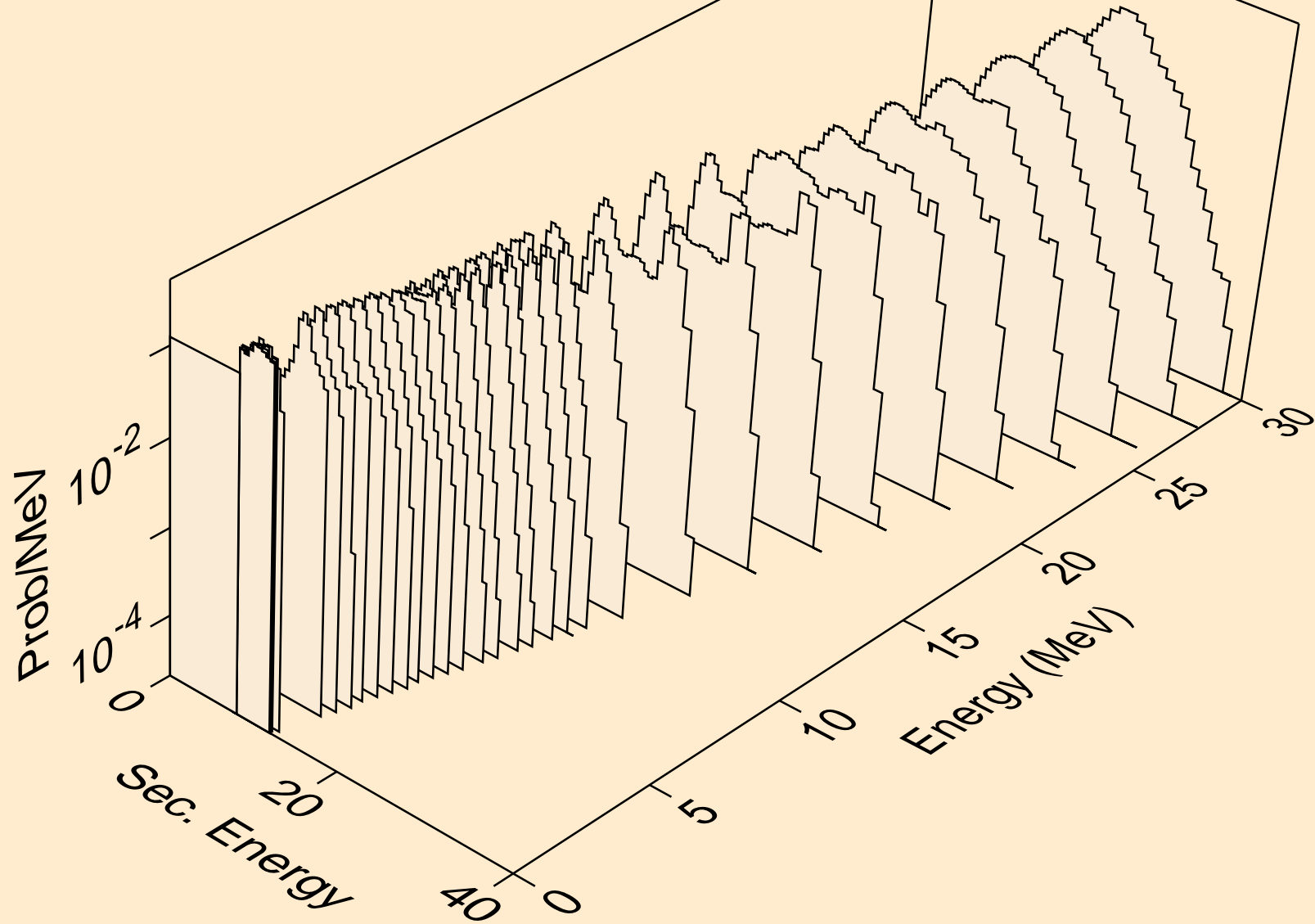
ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

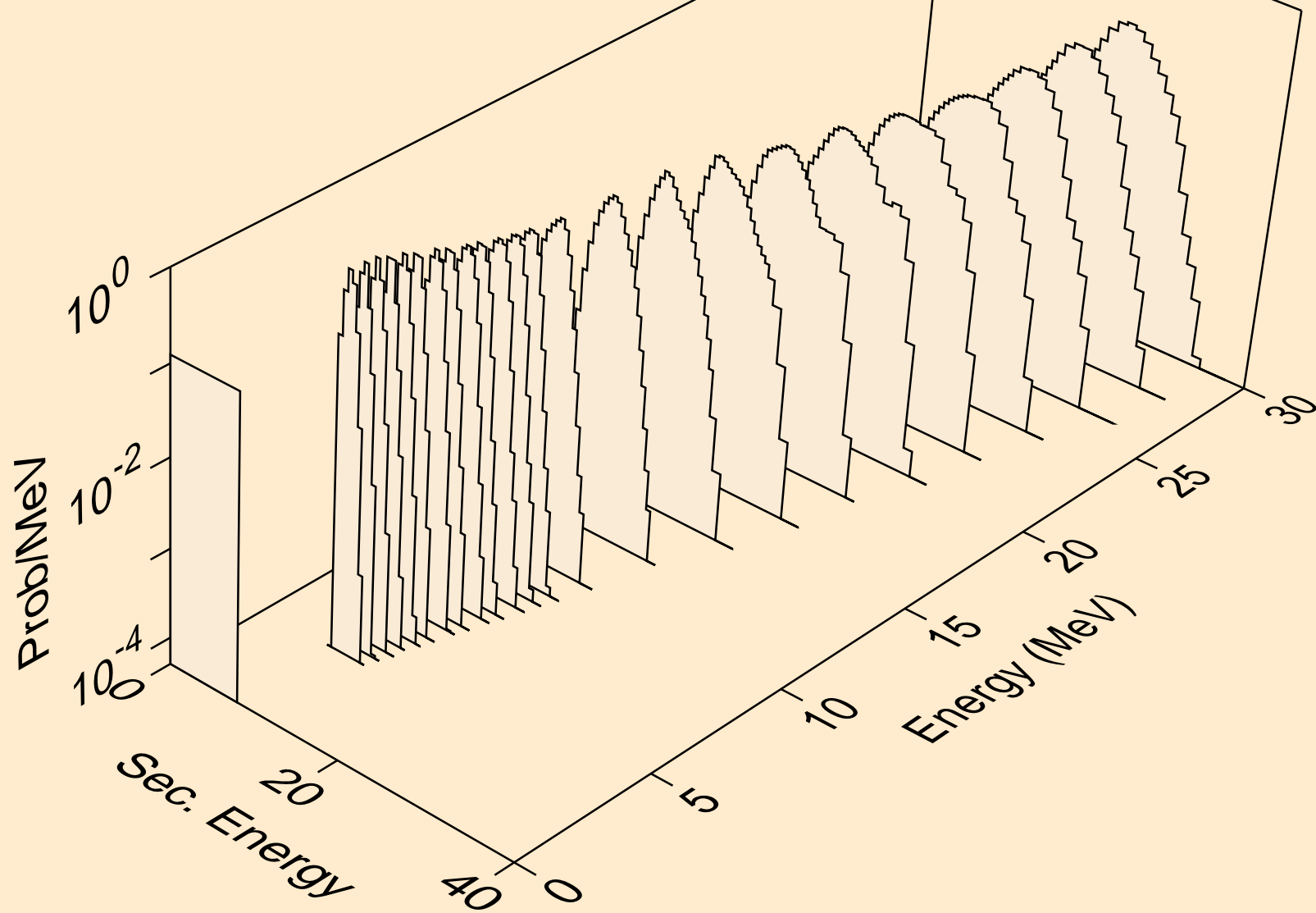


ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)





ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



ES248 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

