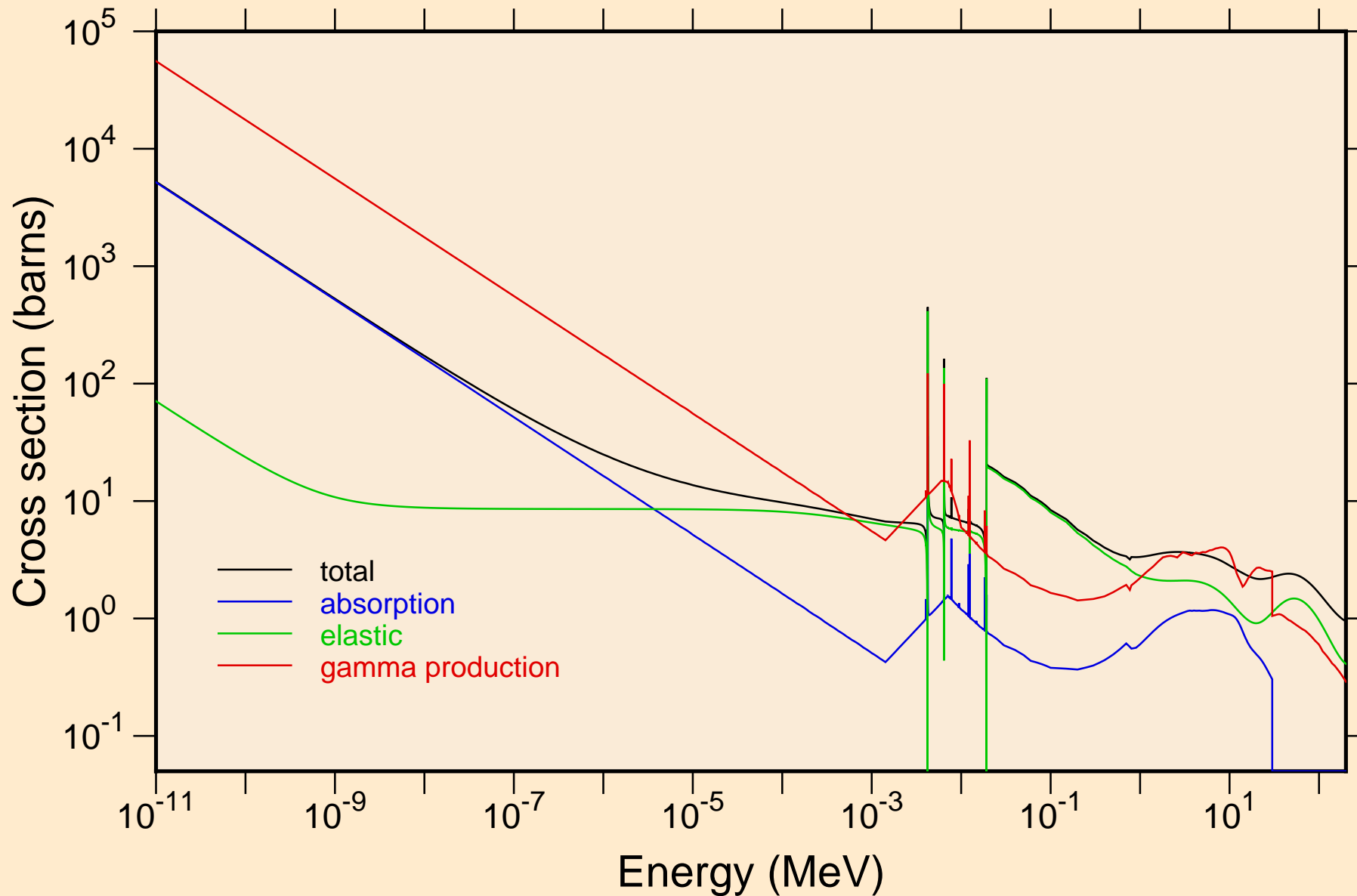
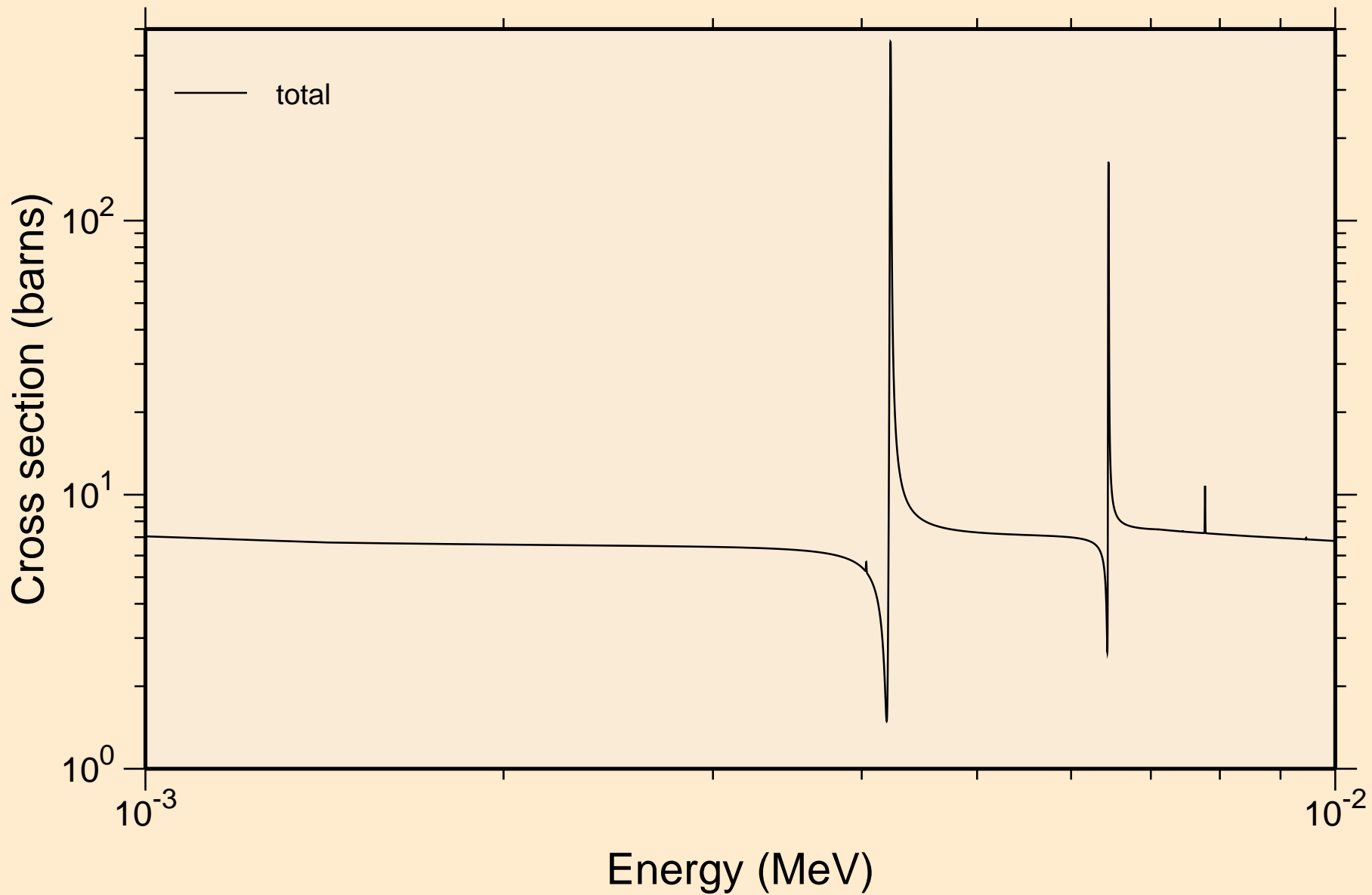


# CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

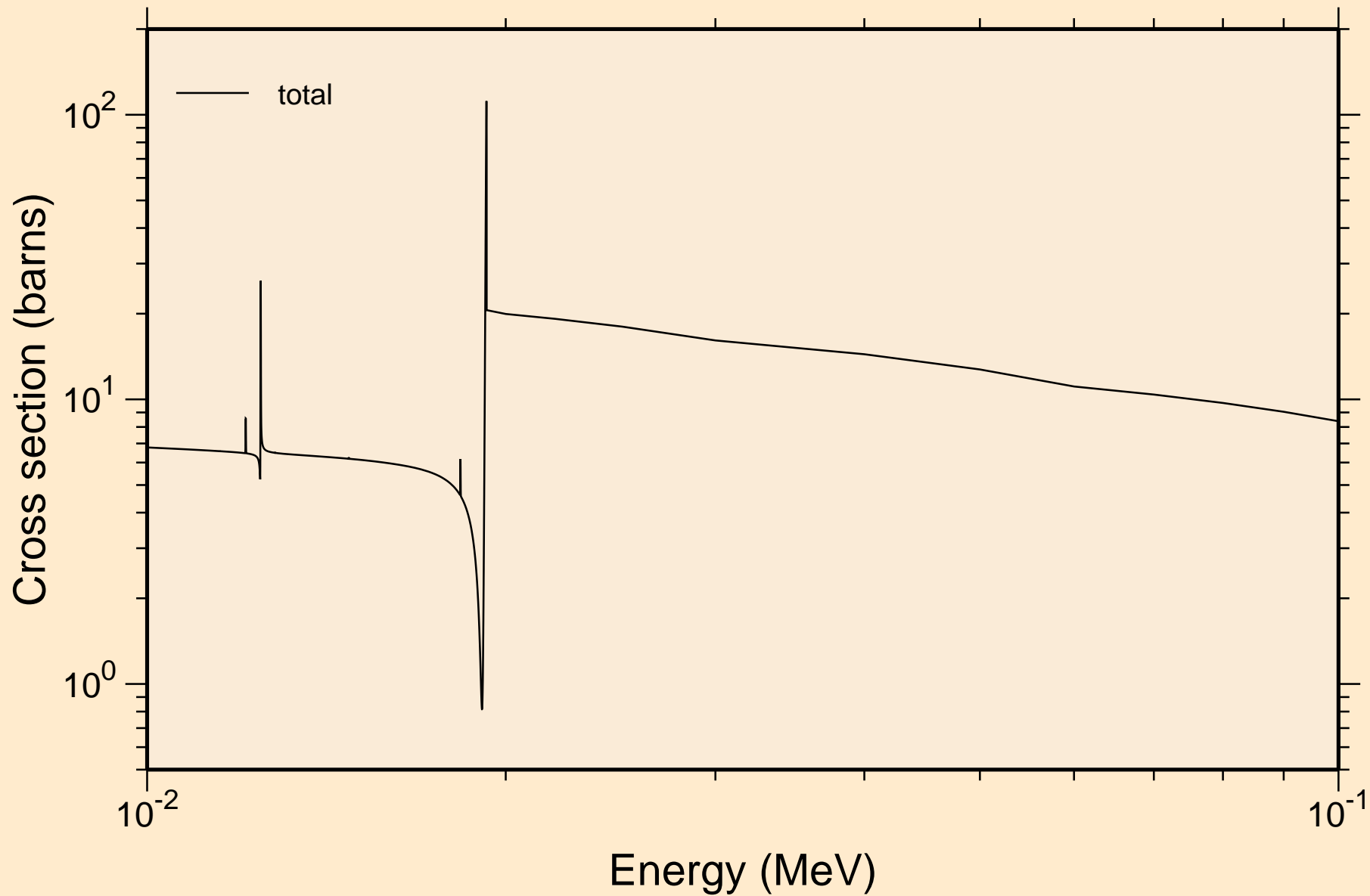
## Principal cross sections



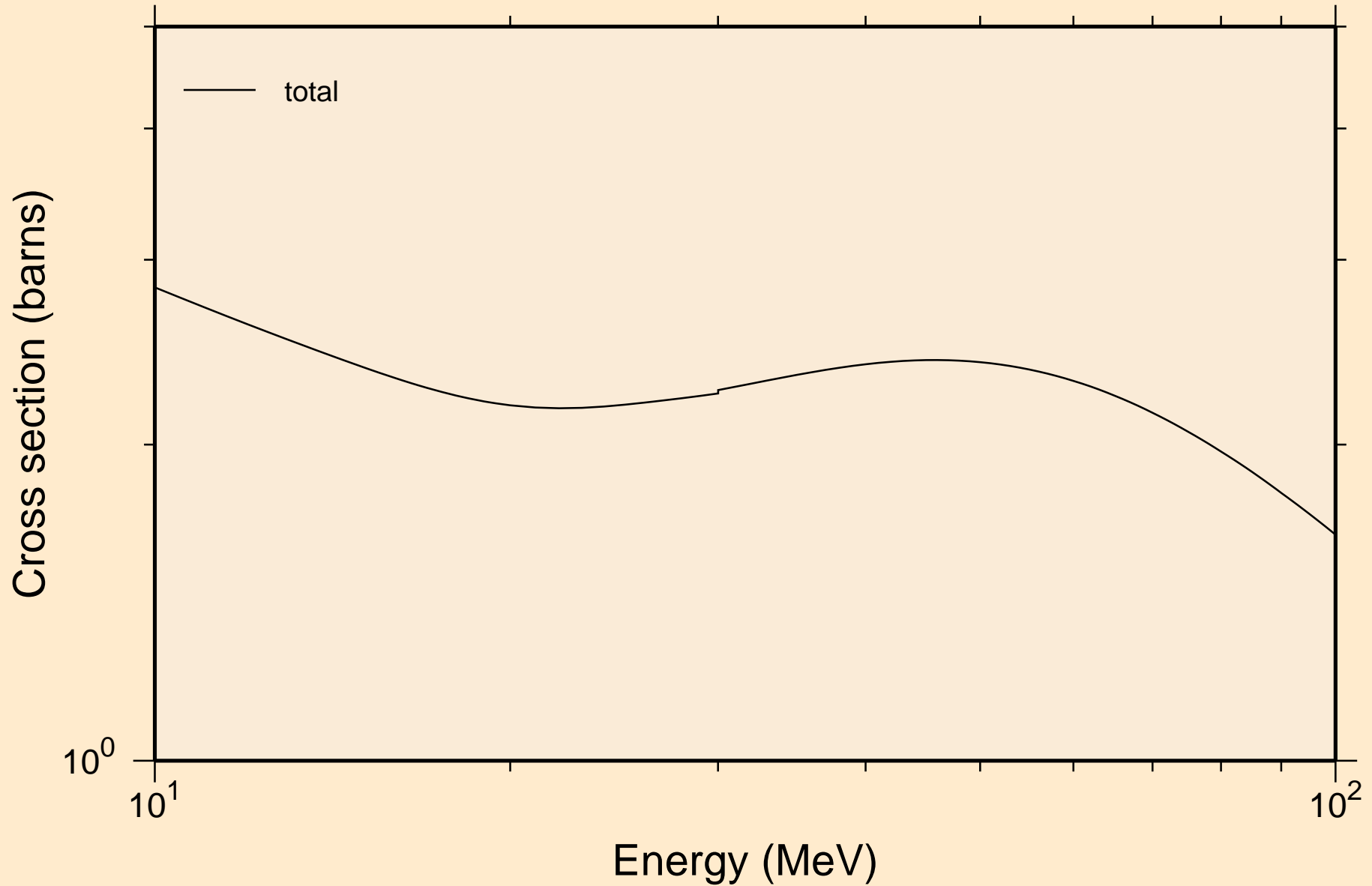
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



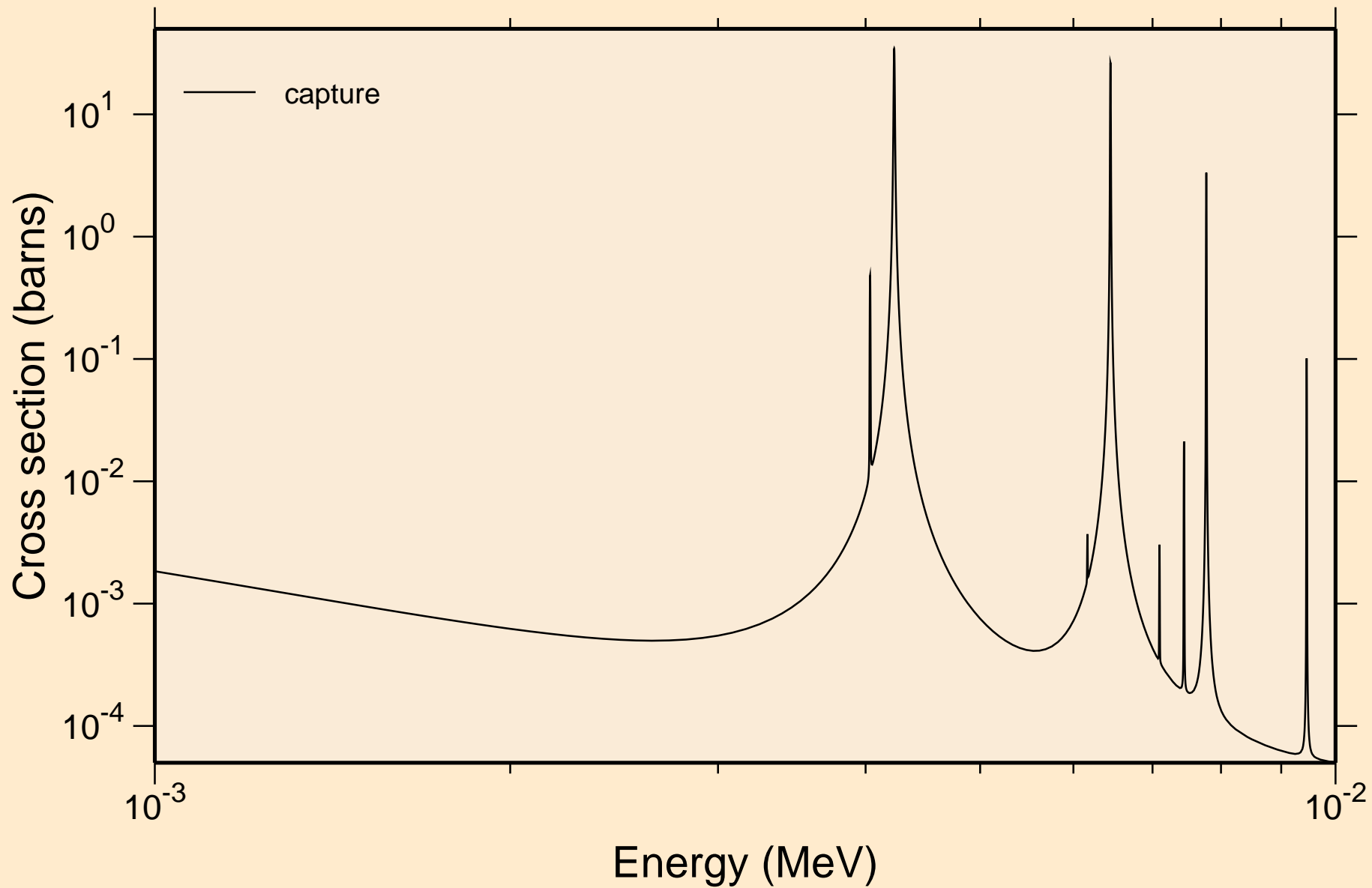
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



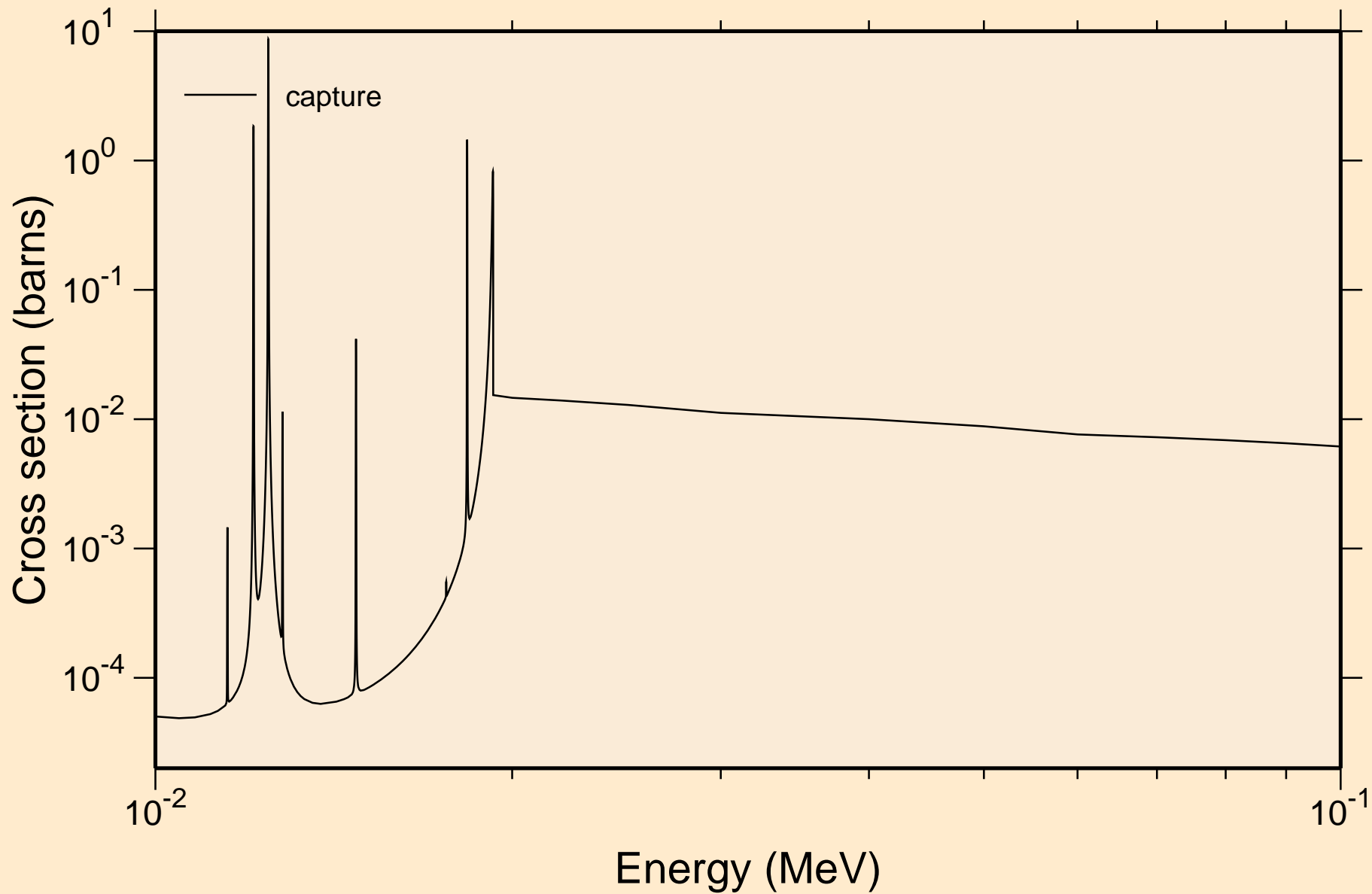
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



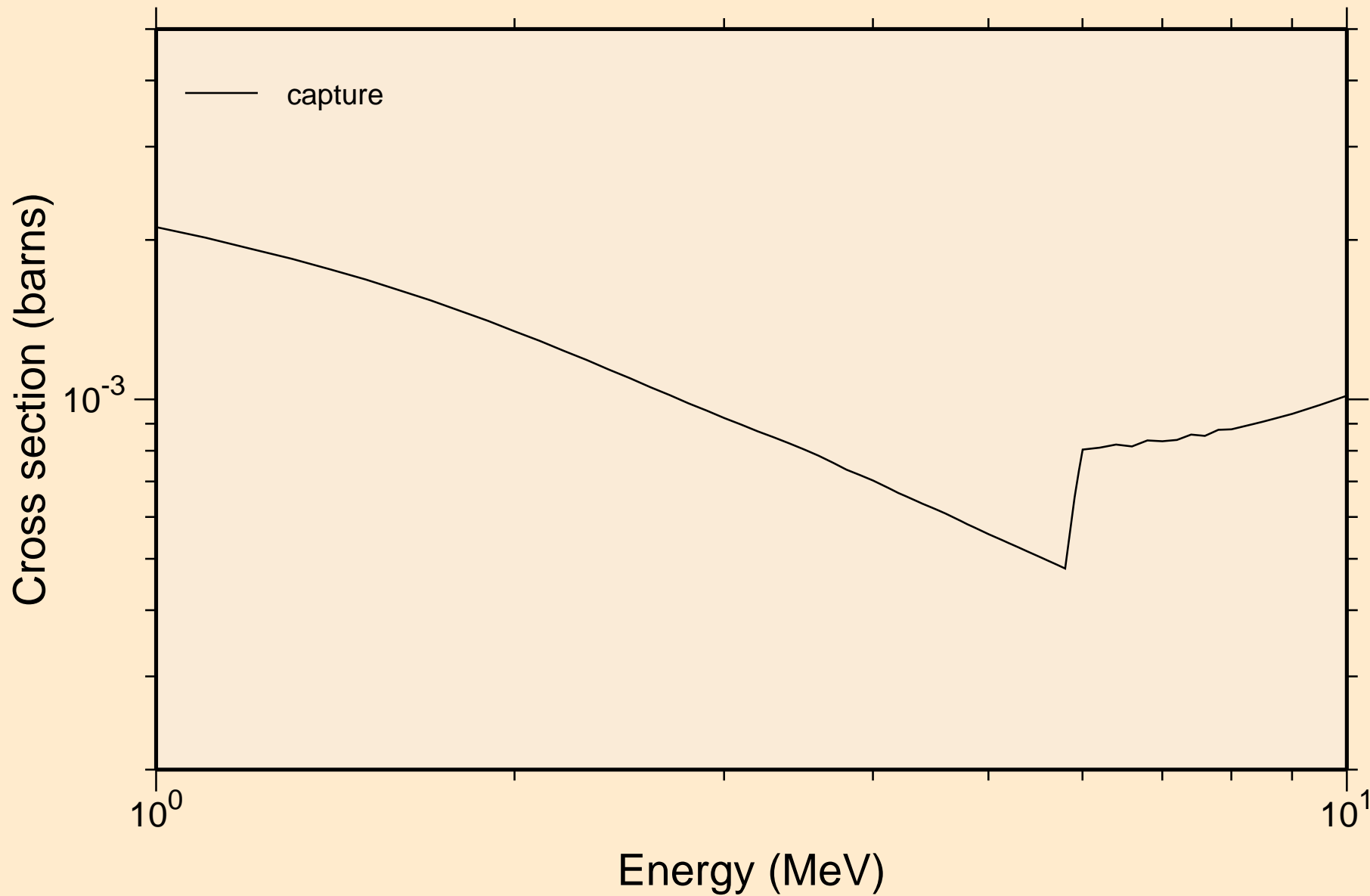
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



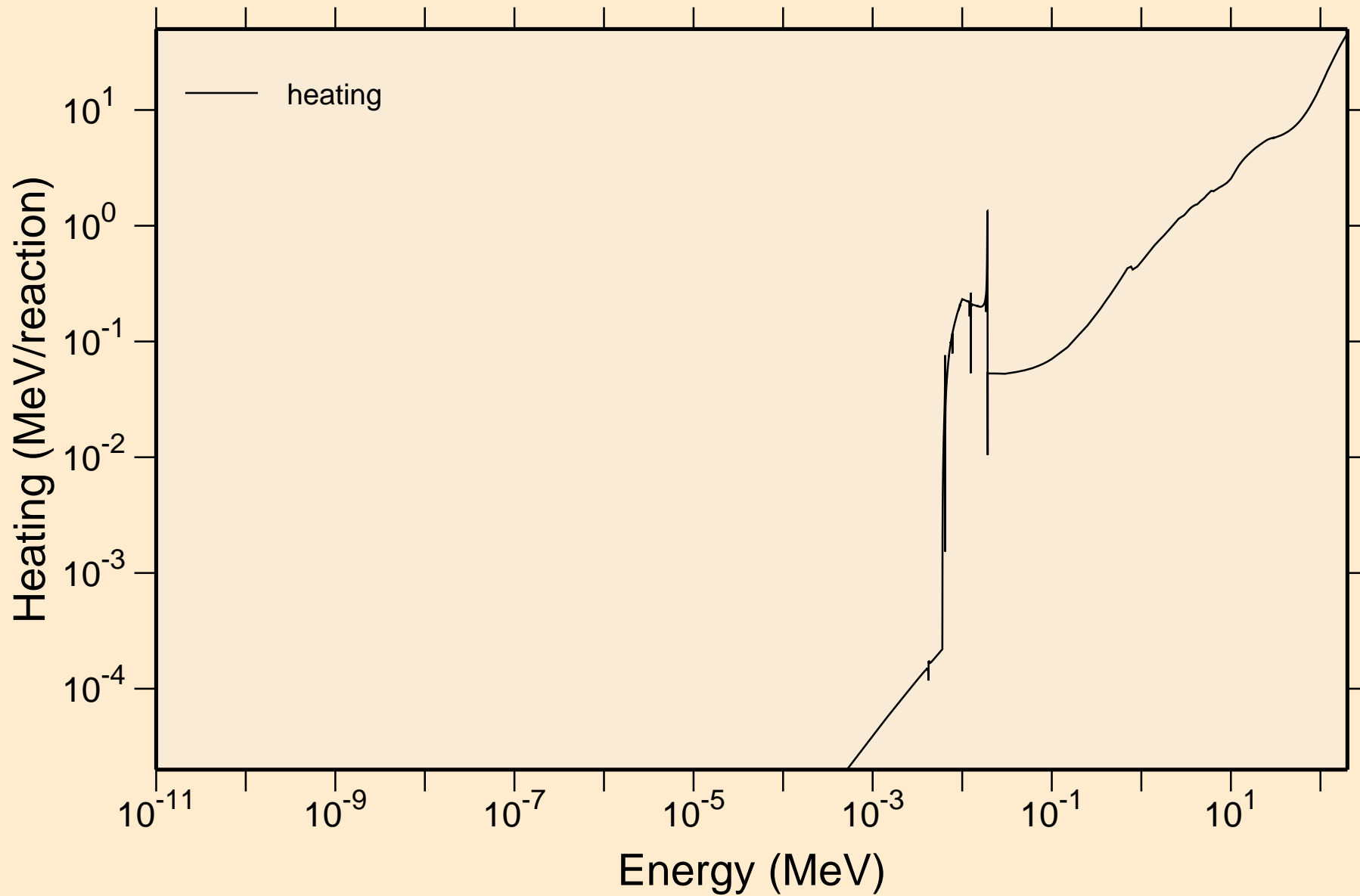
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

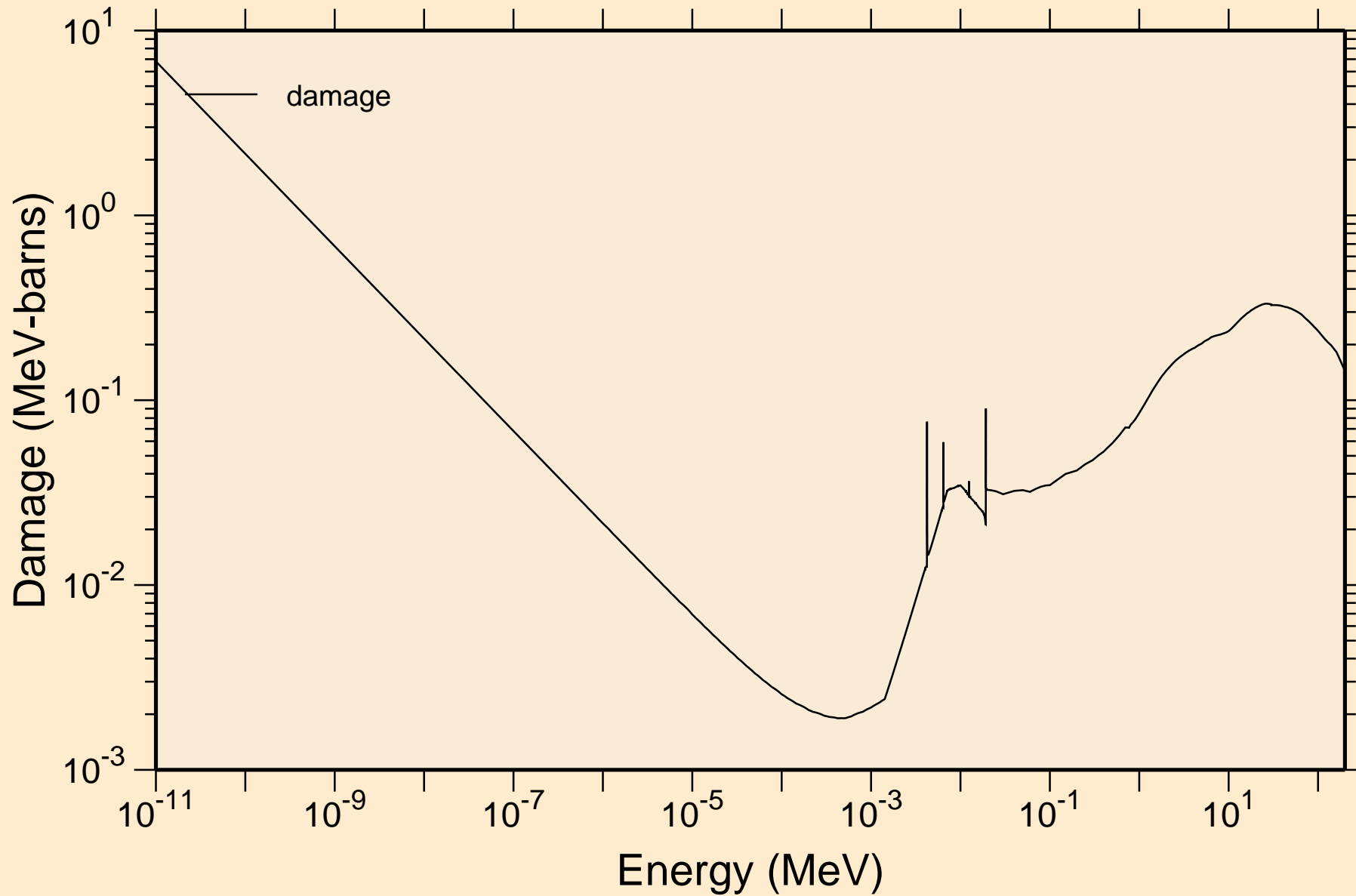


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



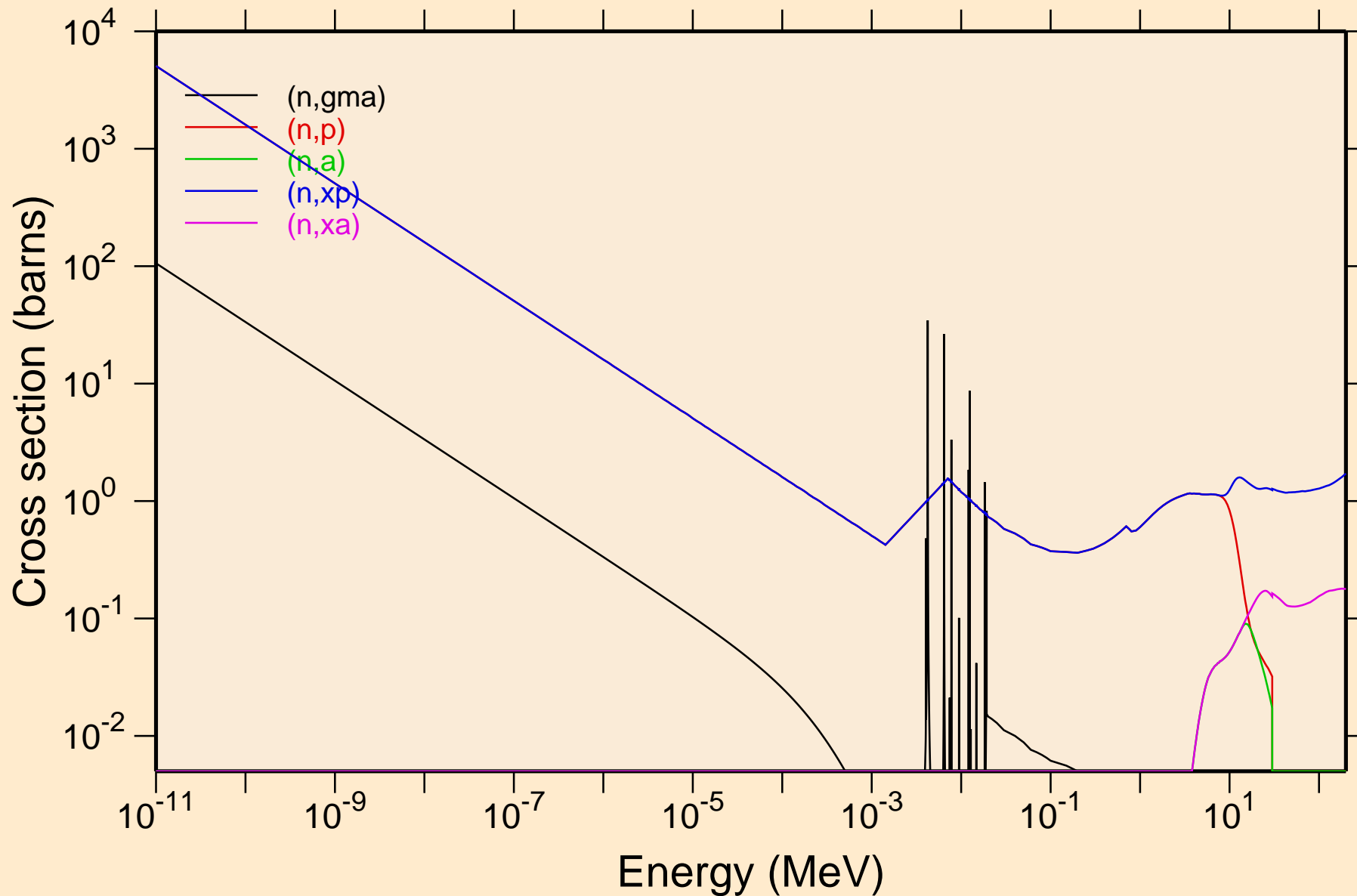


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



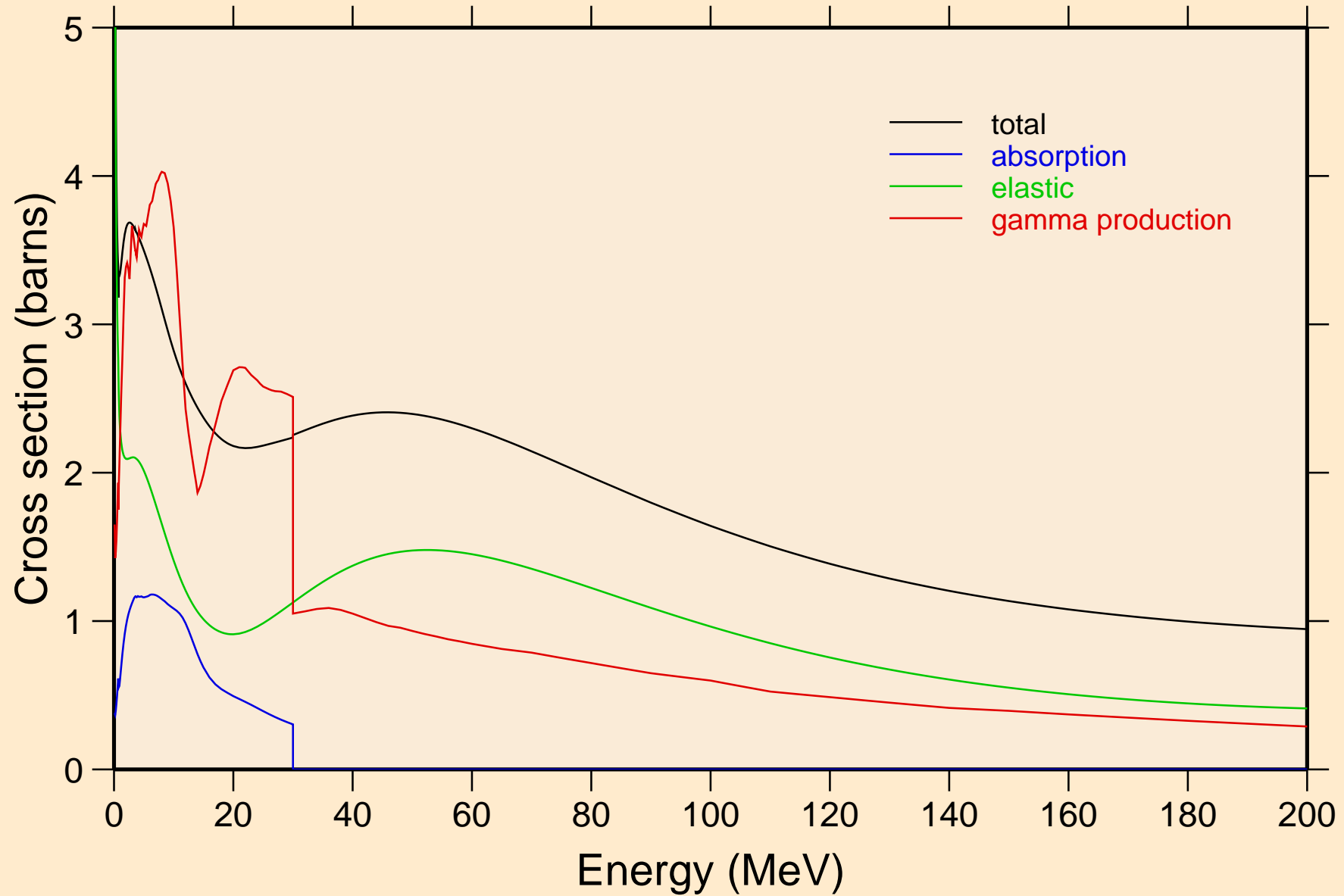
# CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions

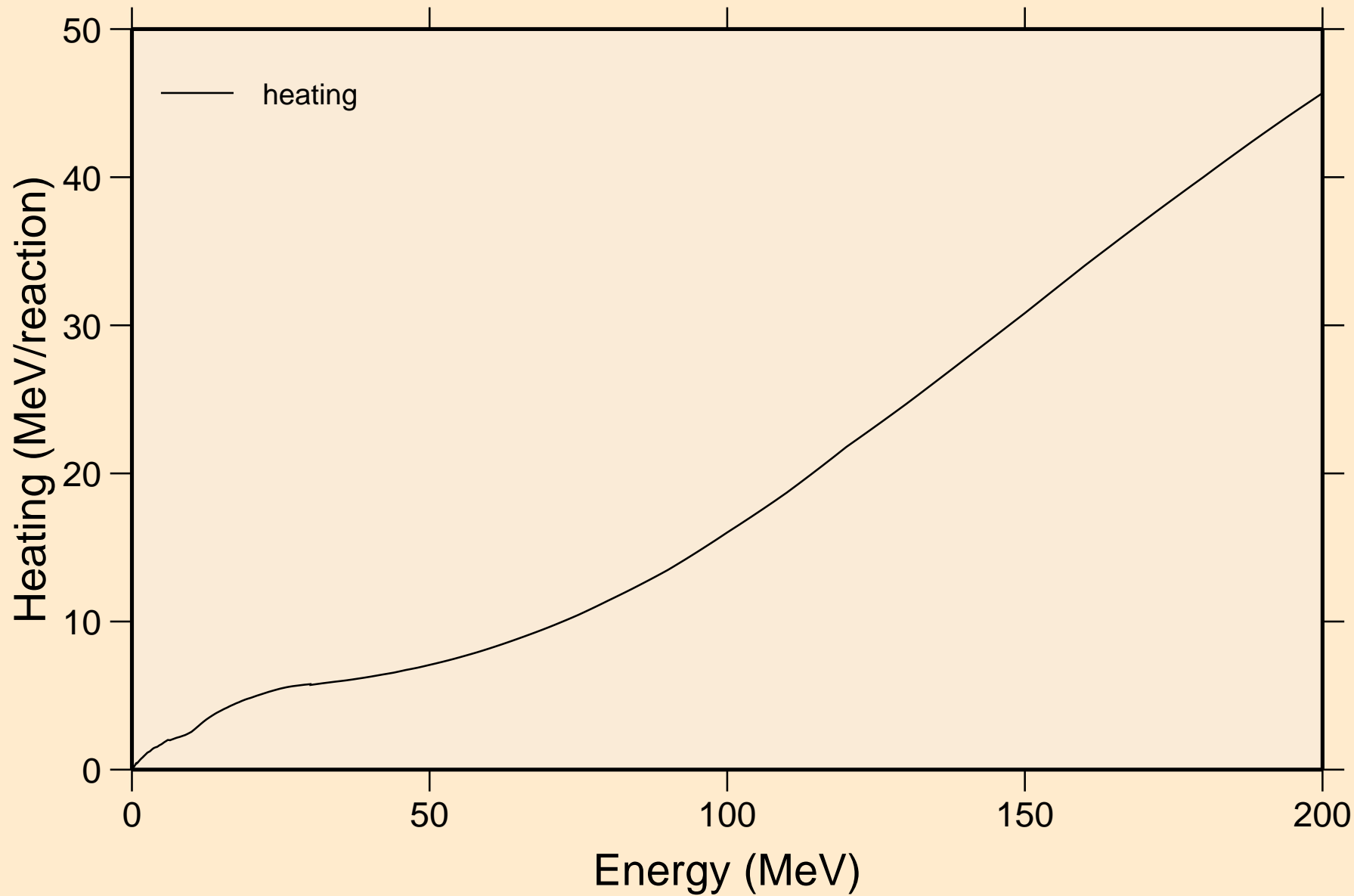


# CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

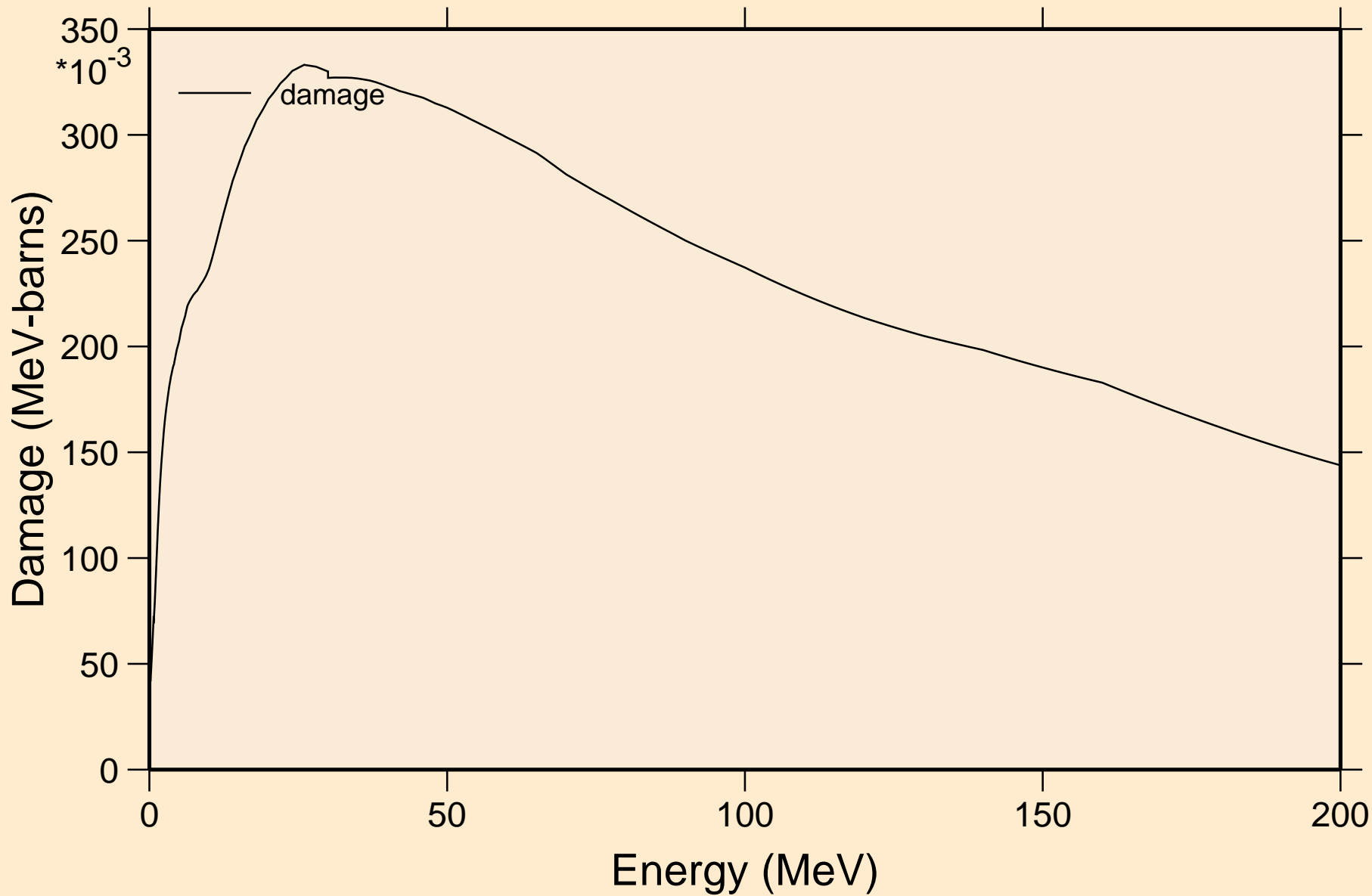
## Principal cross sections



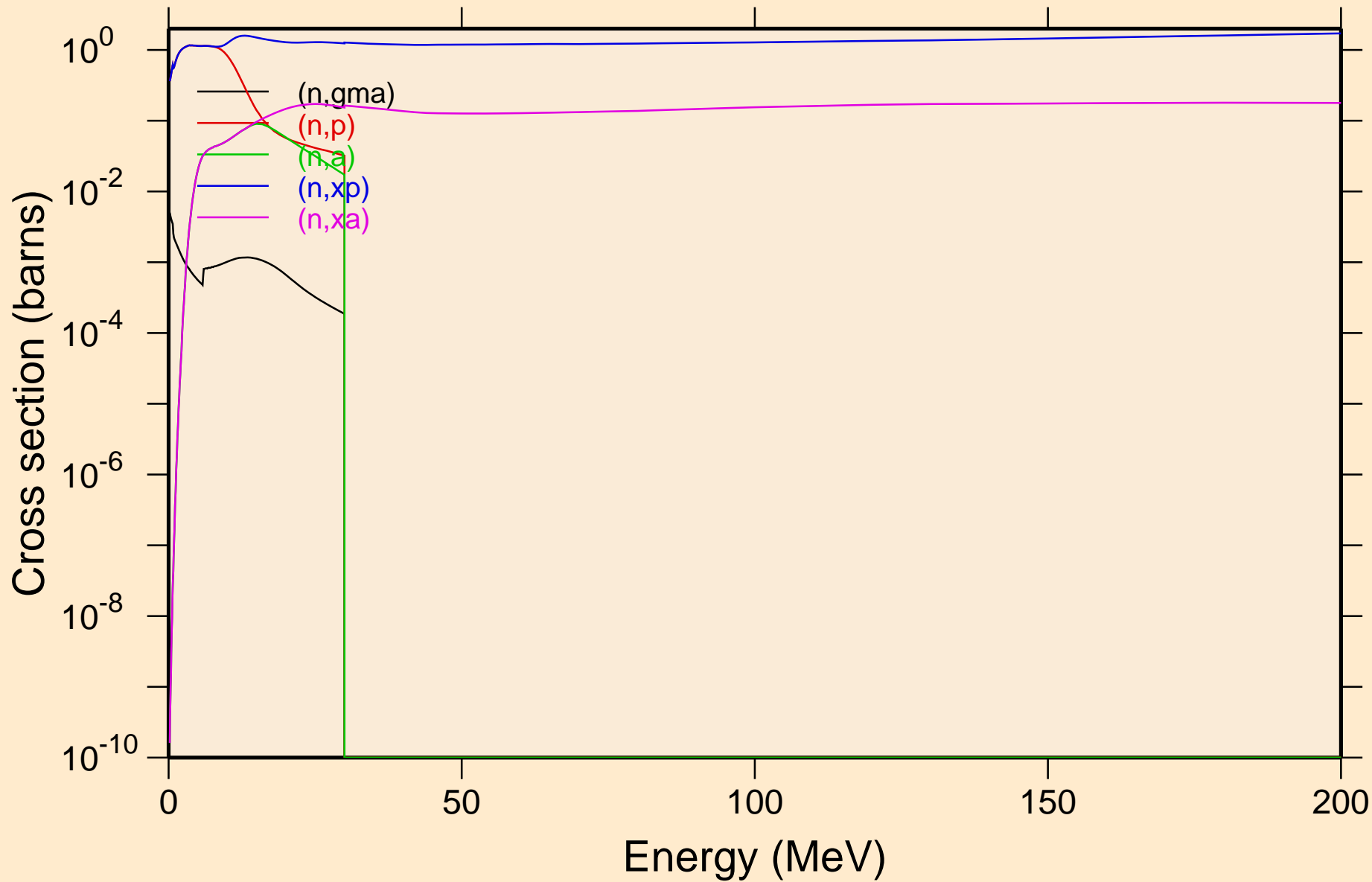
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



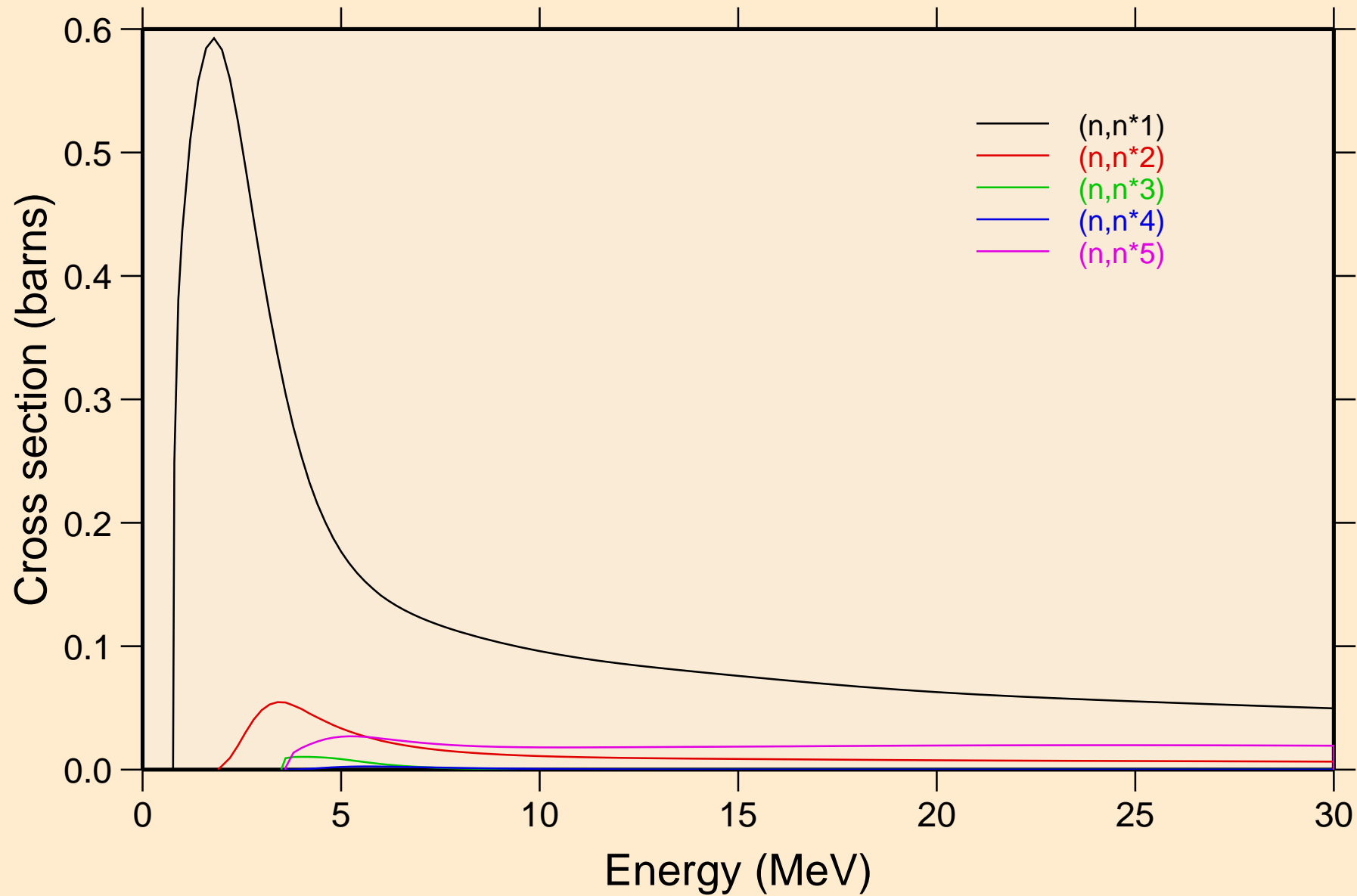
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



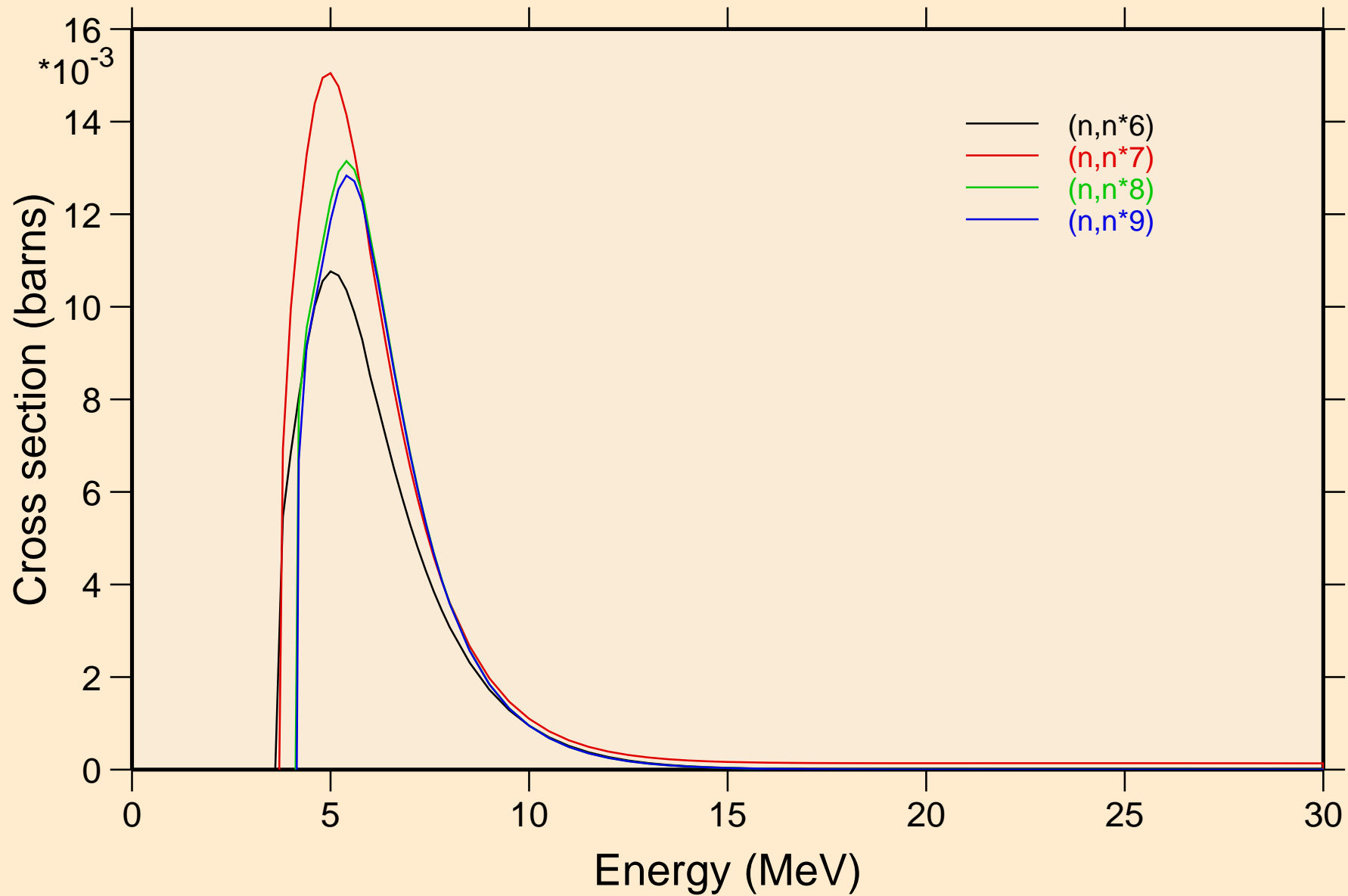
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

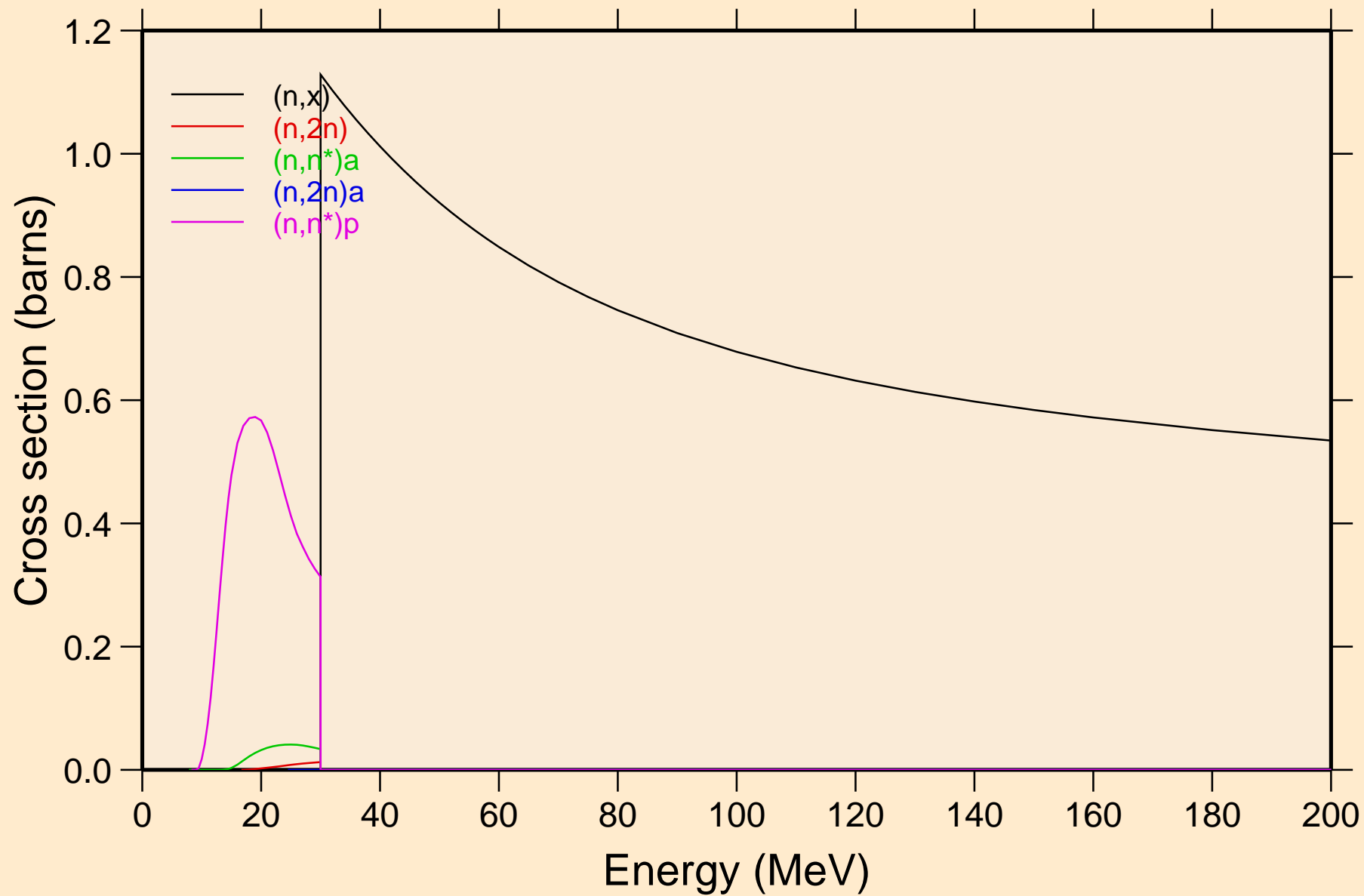


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

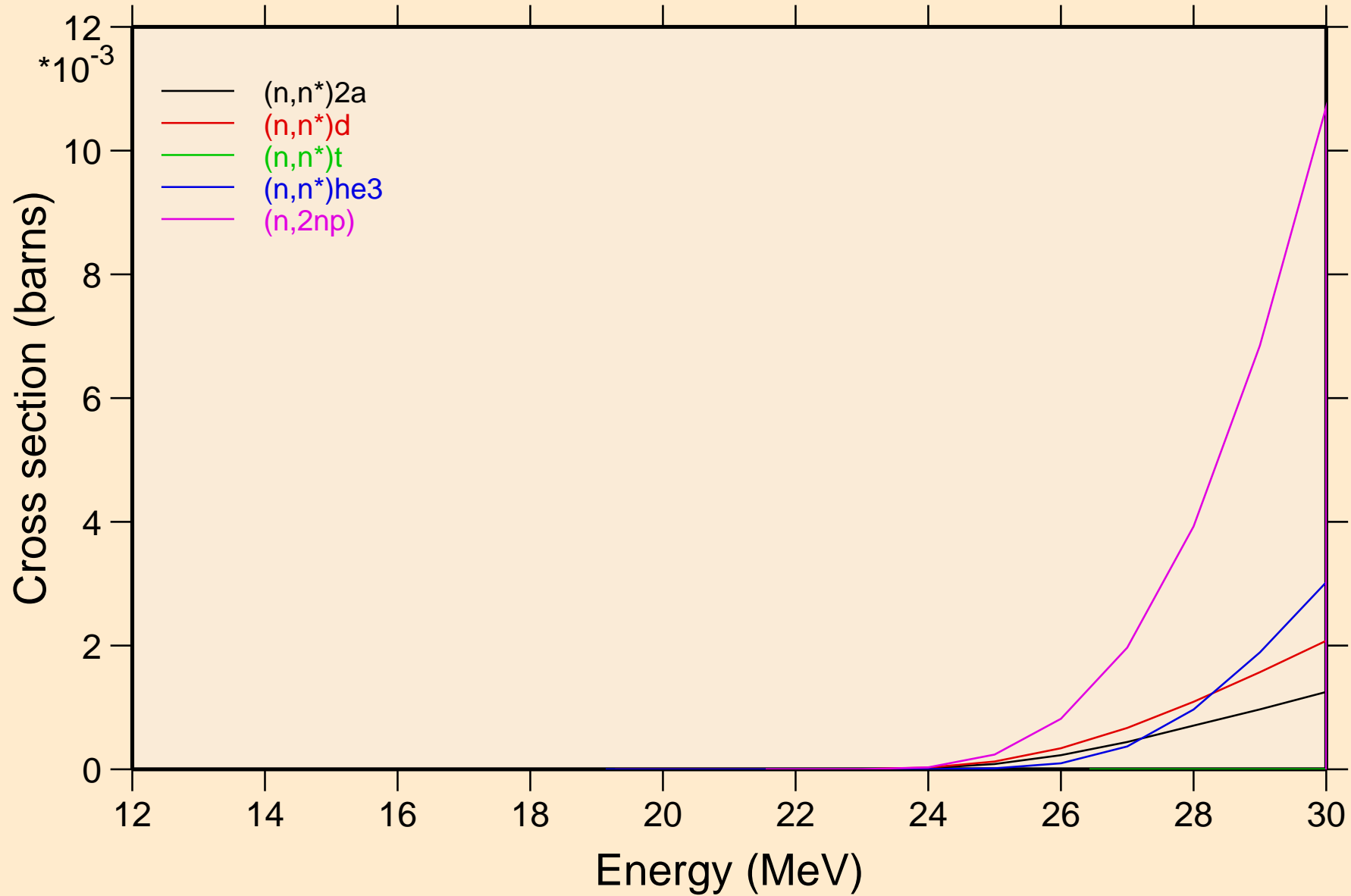




CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

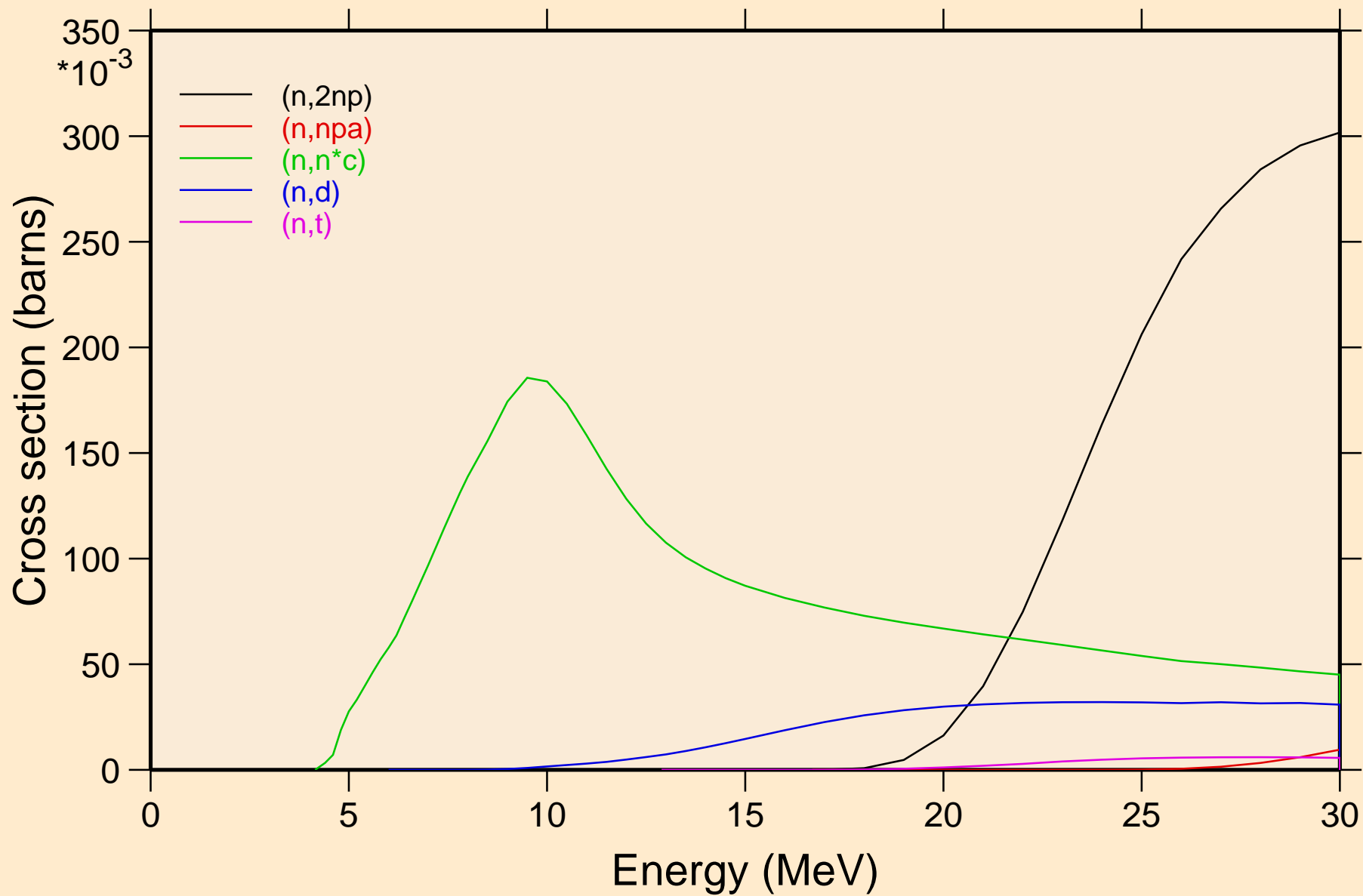


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

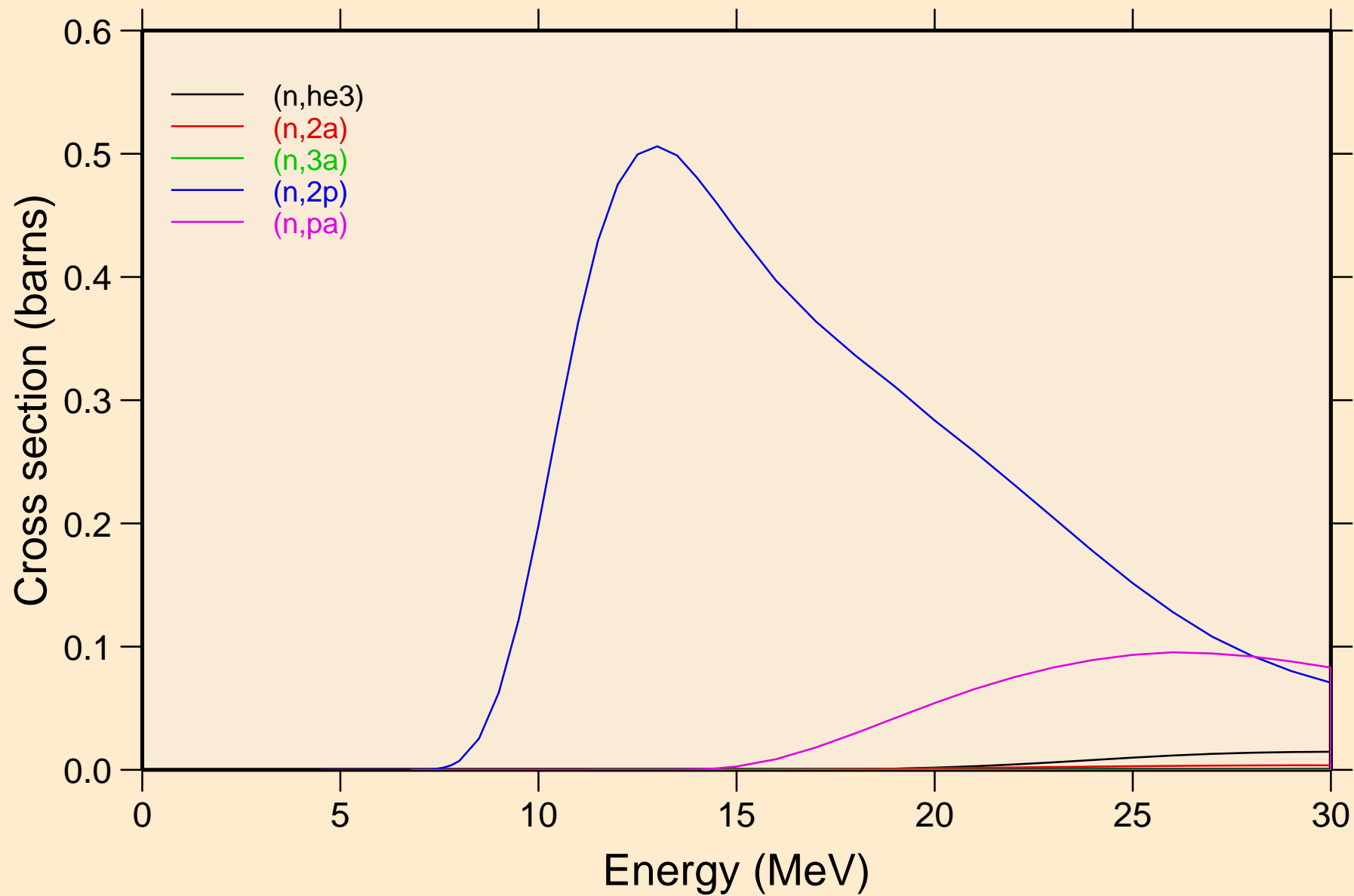


# CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

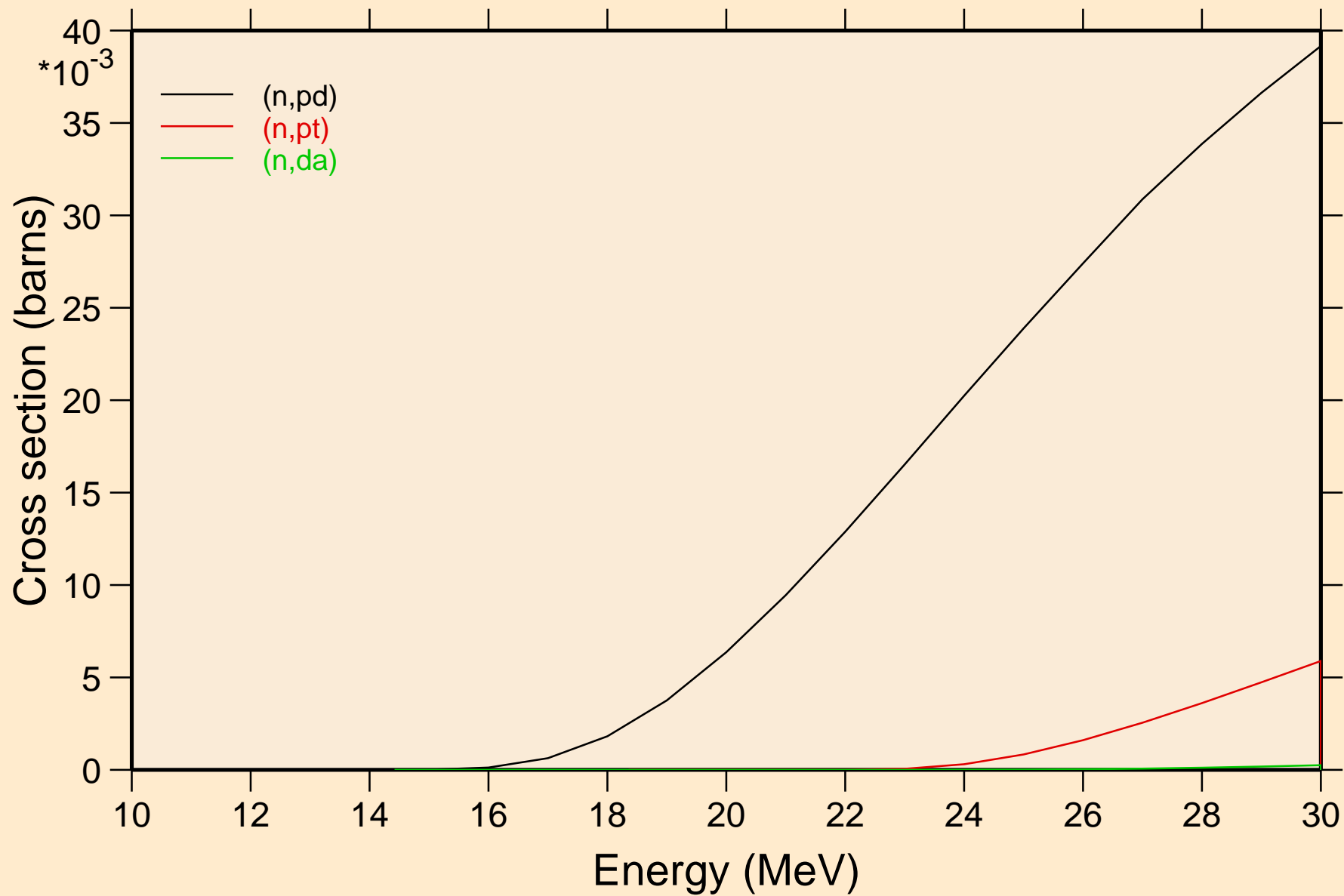


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



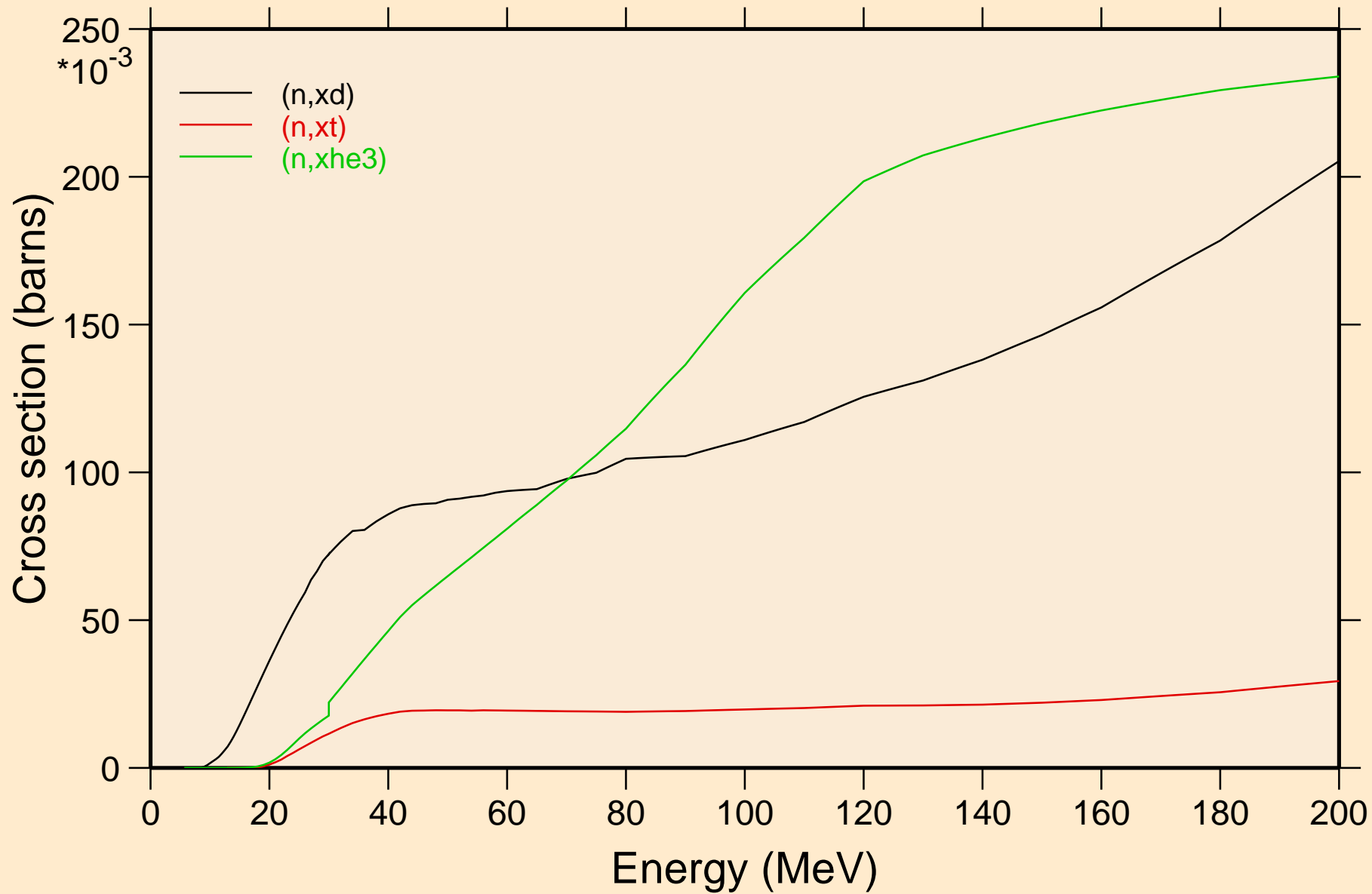
# CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

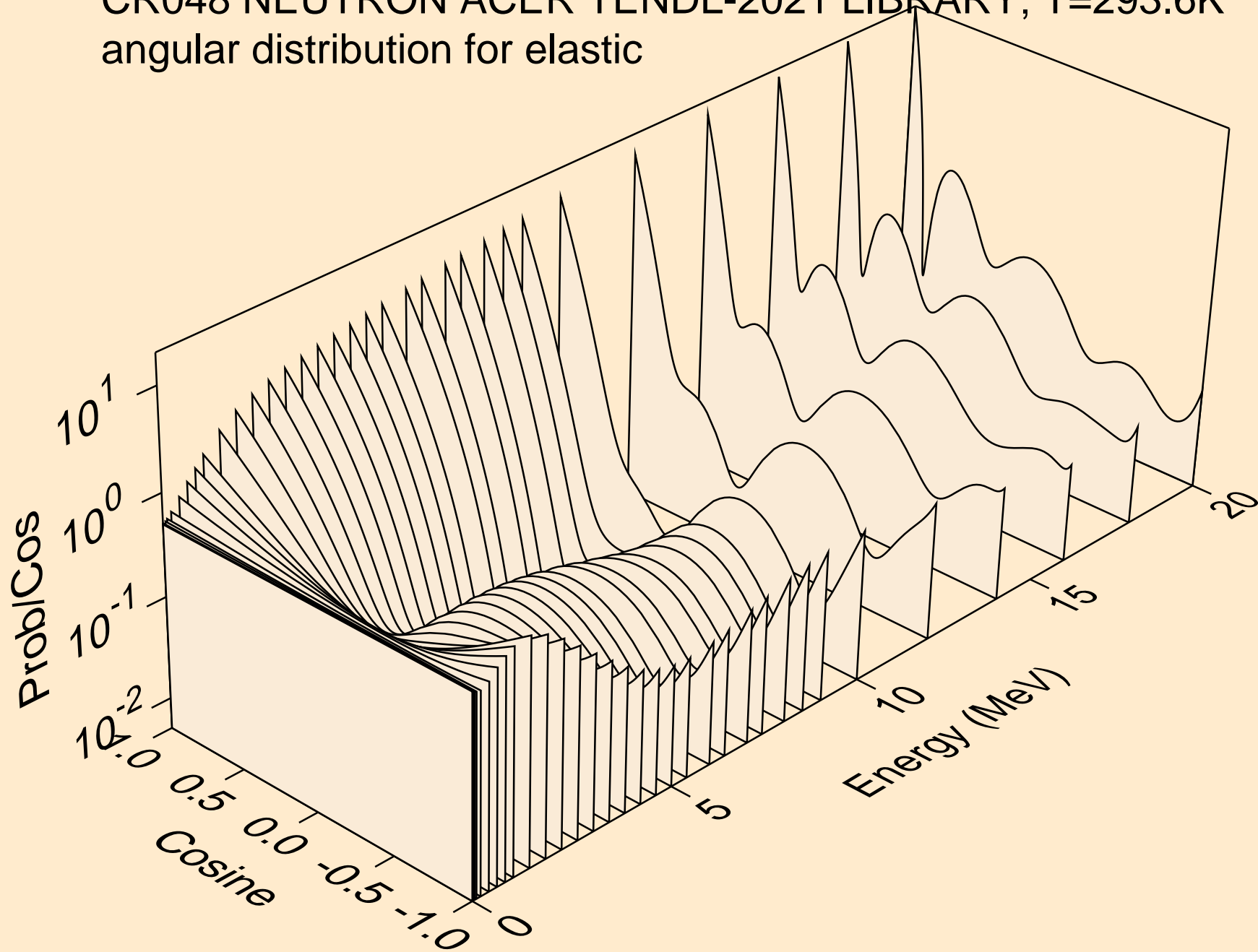


# CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

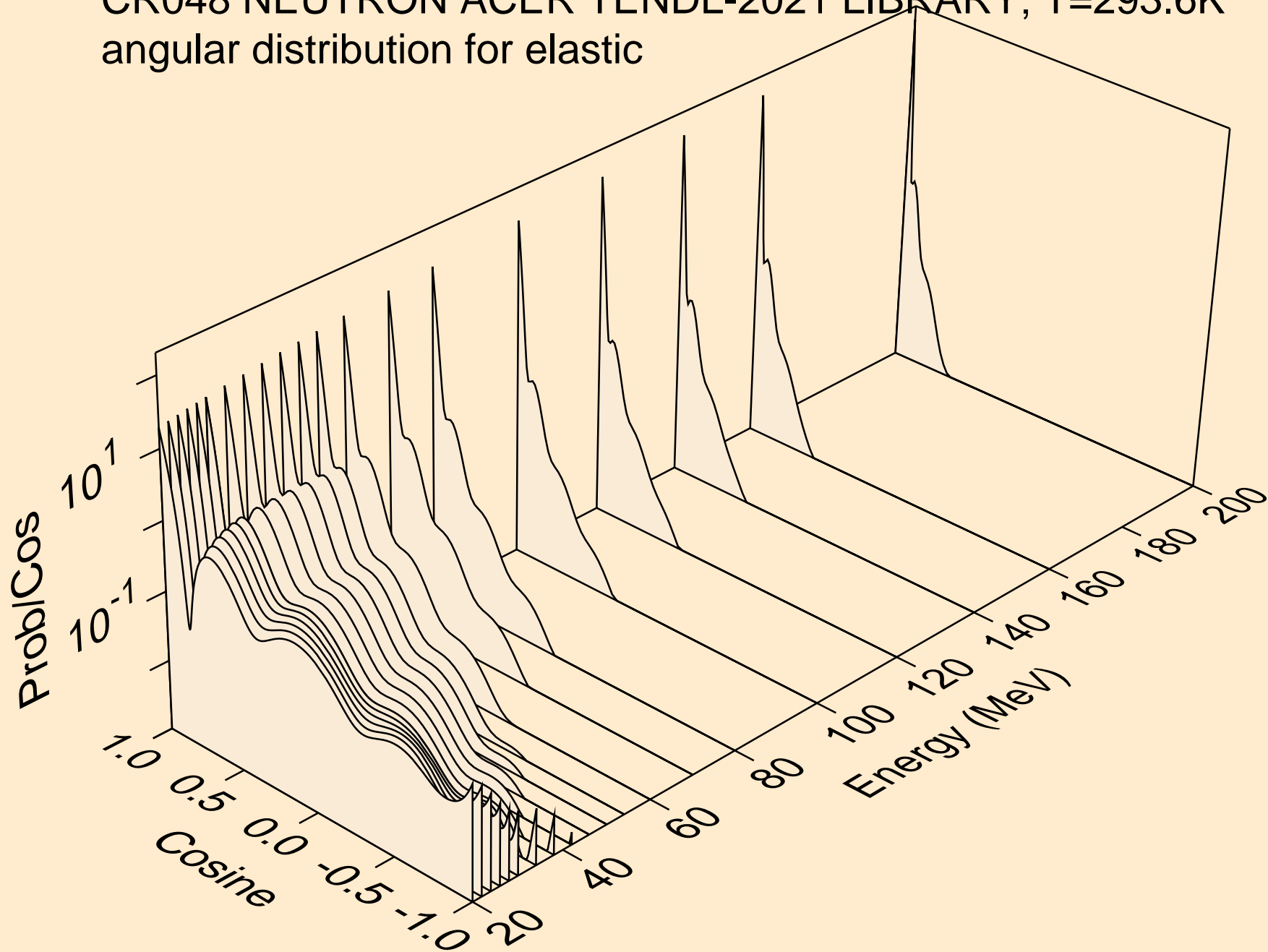
## Threshold reactions



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

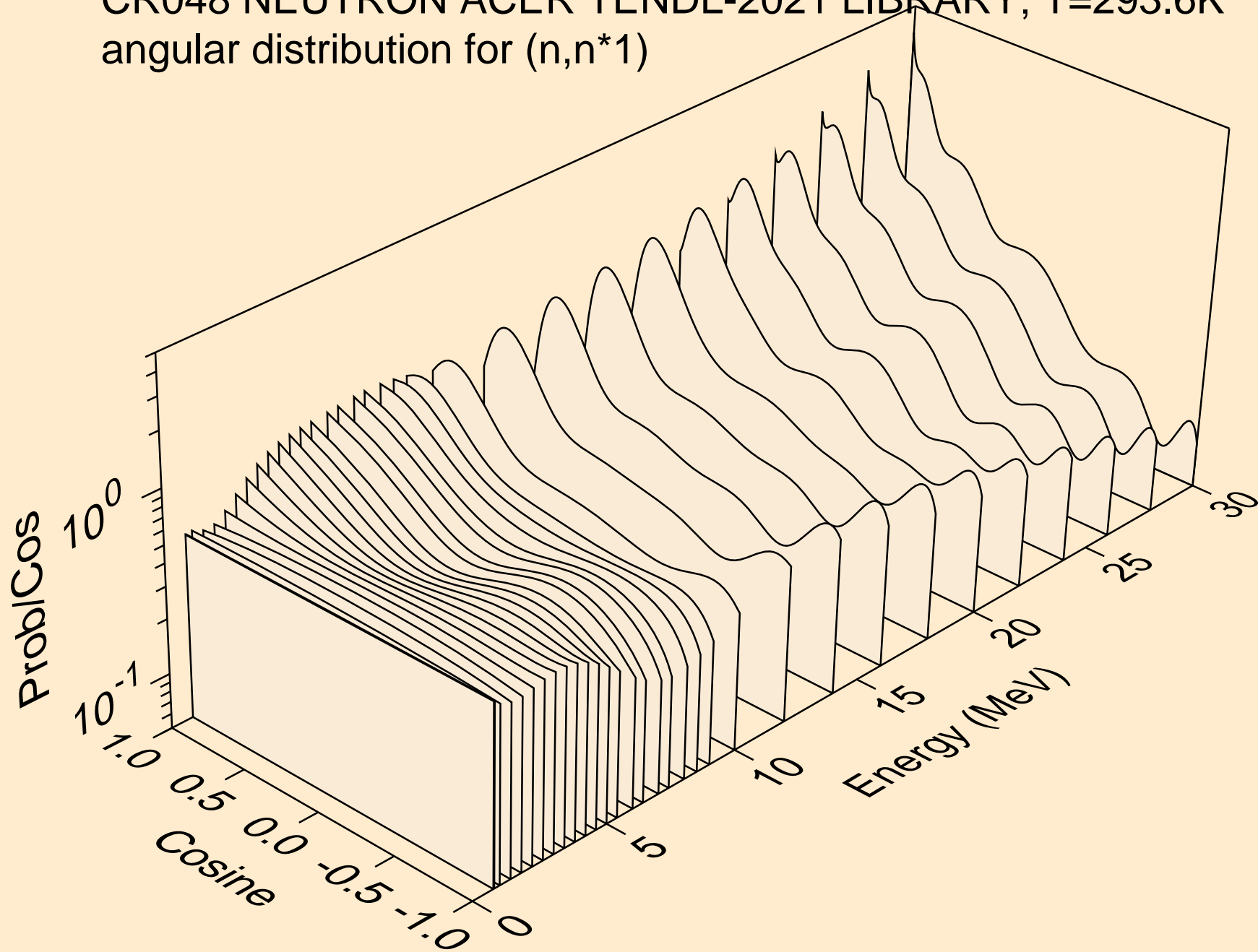


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

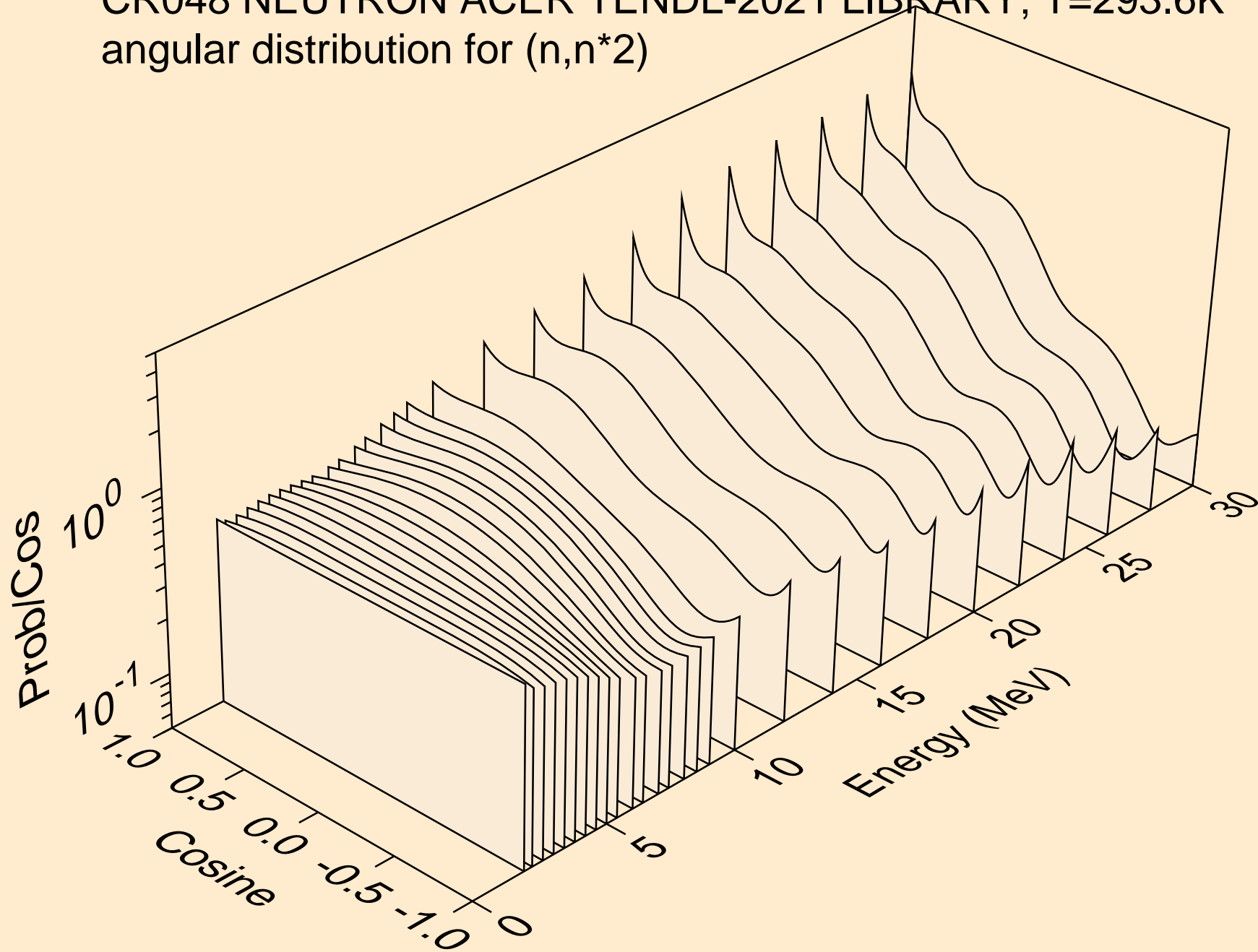




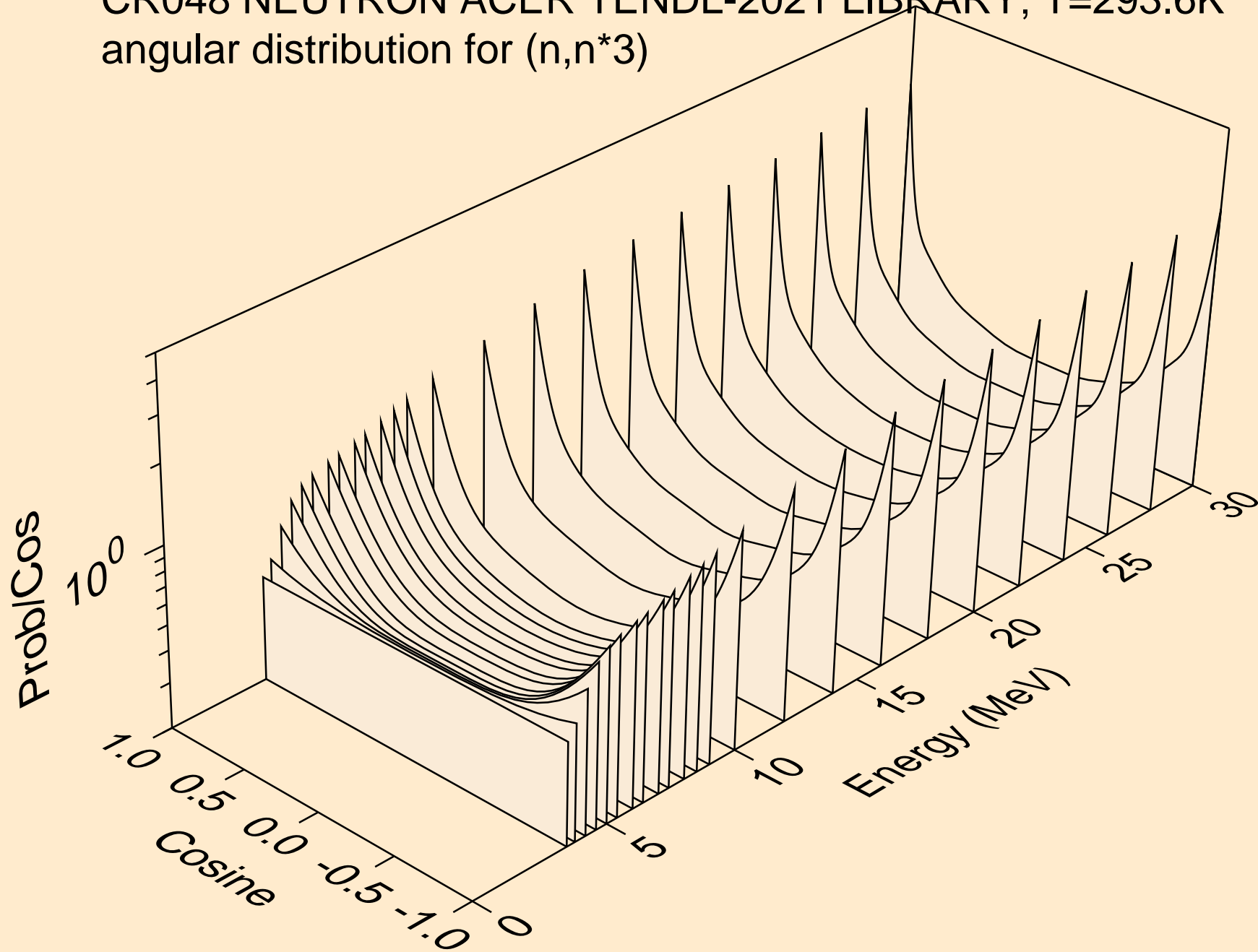
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



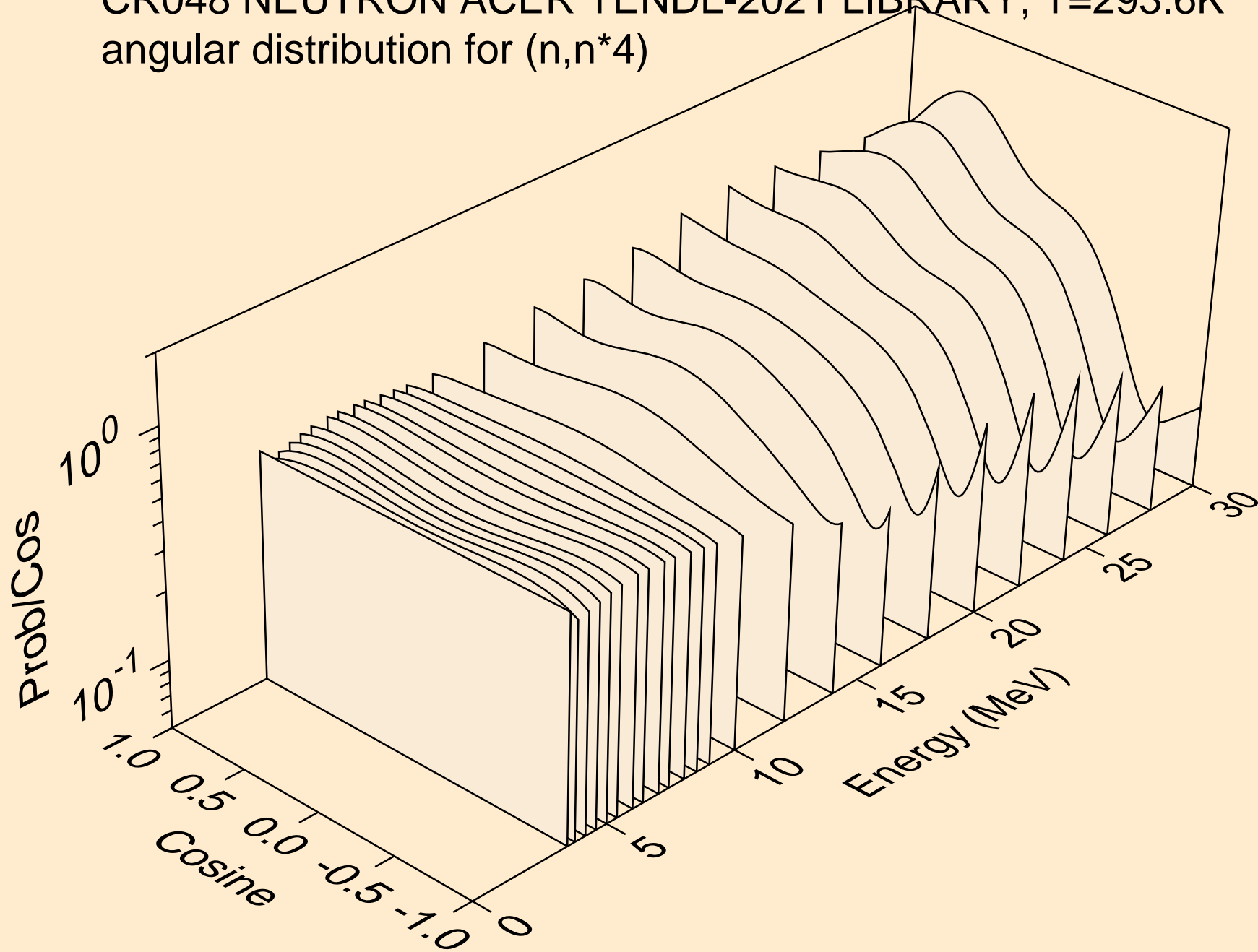
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



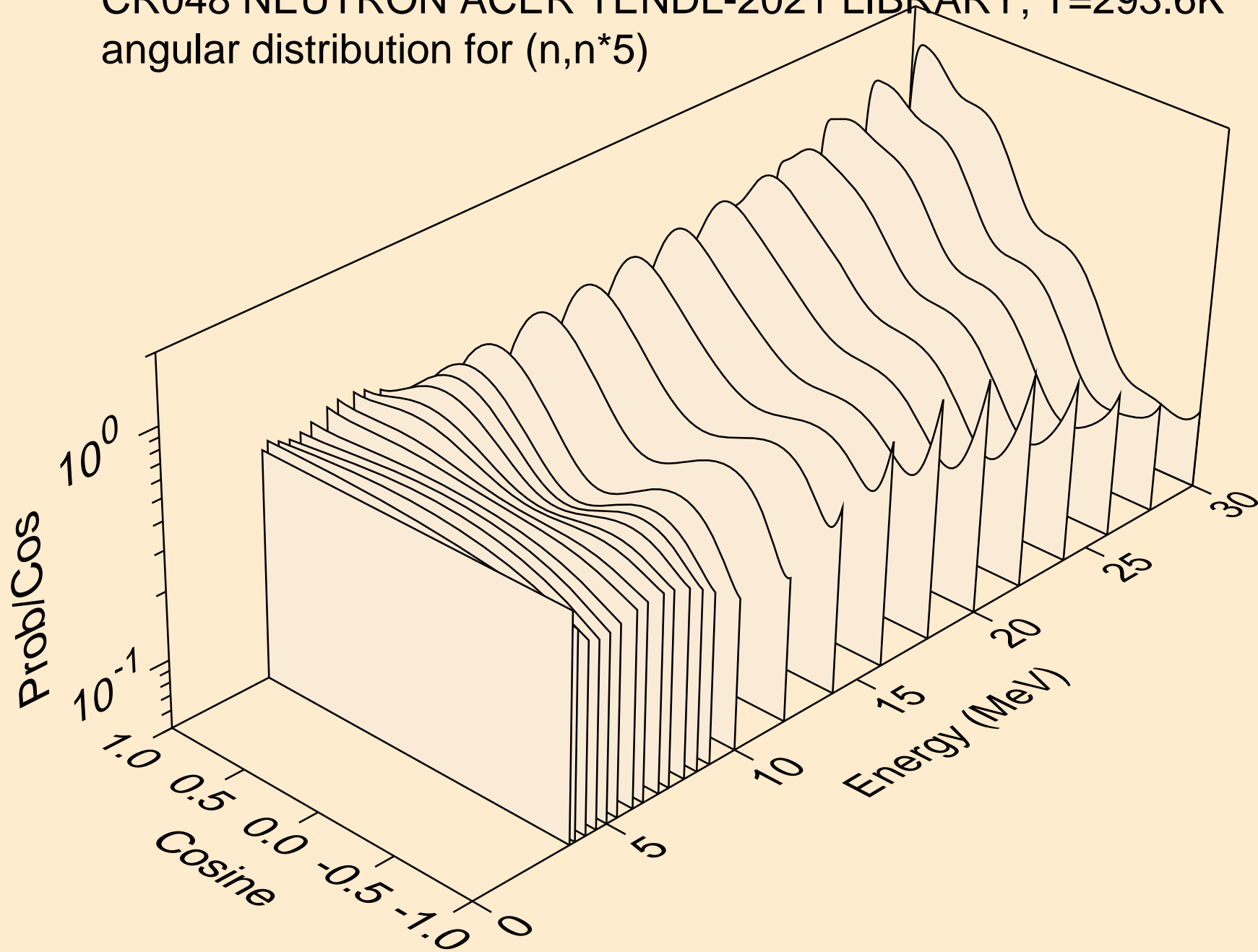
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



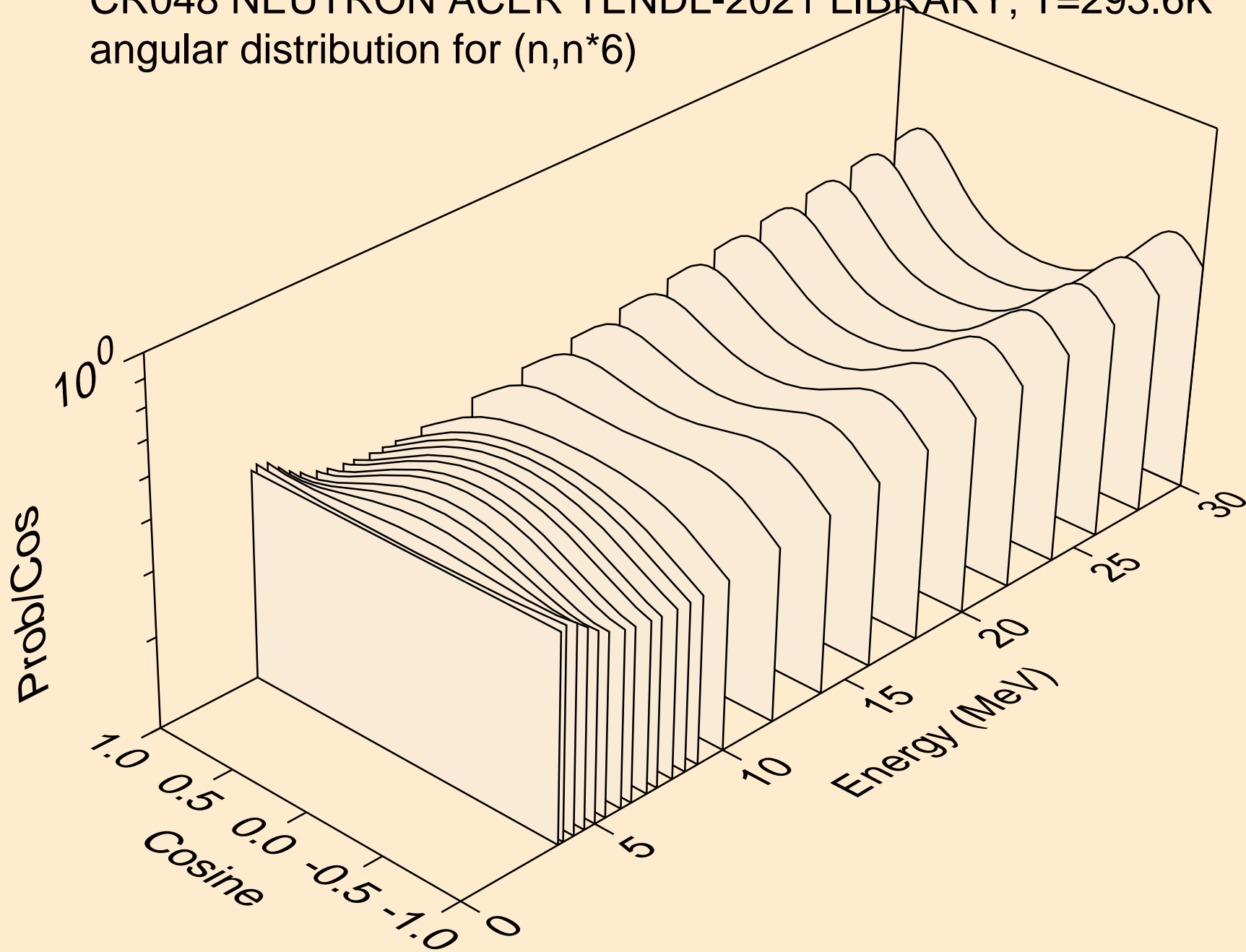
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



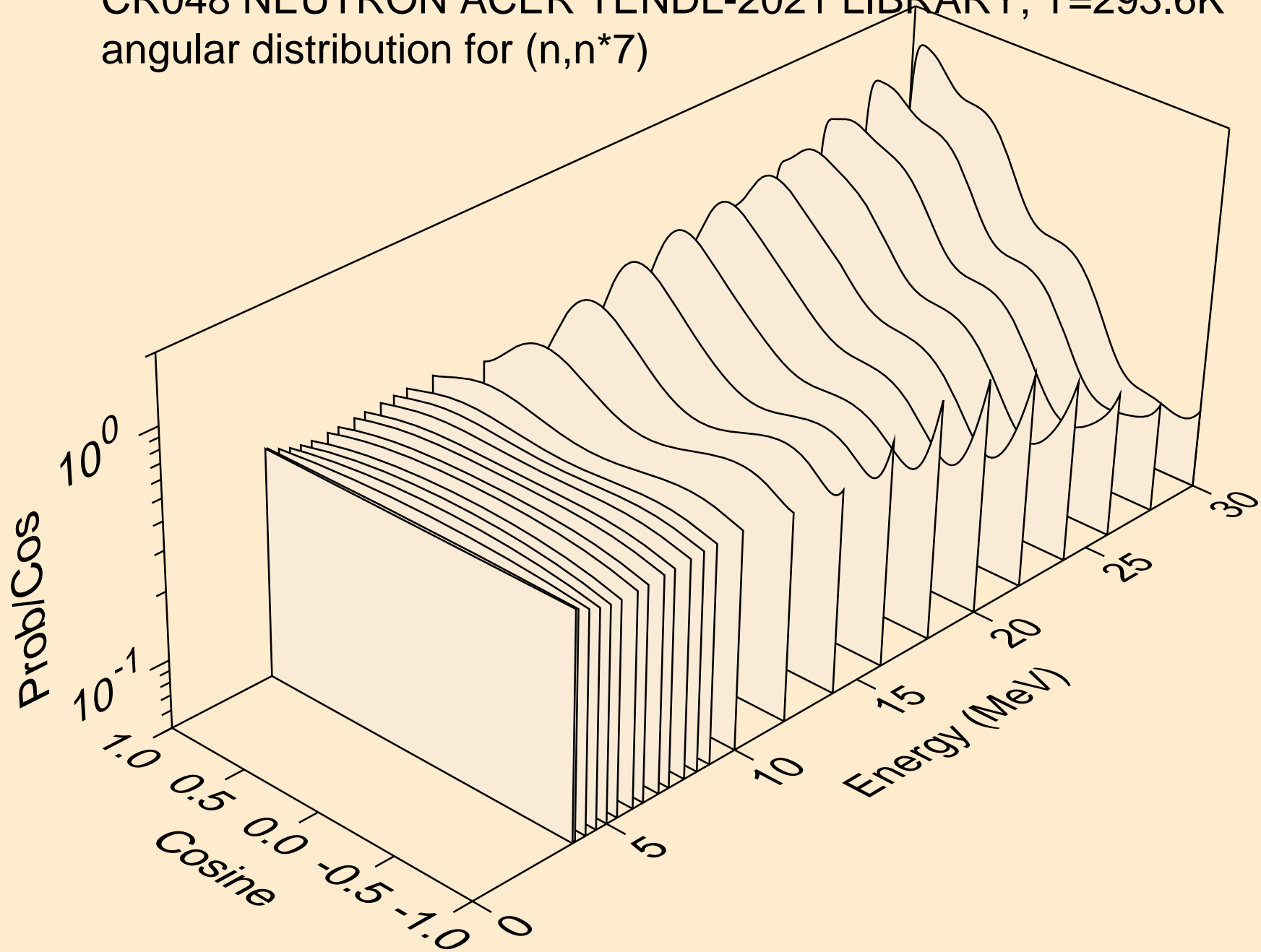
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



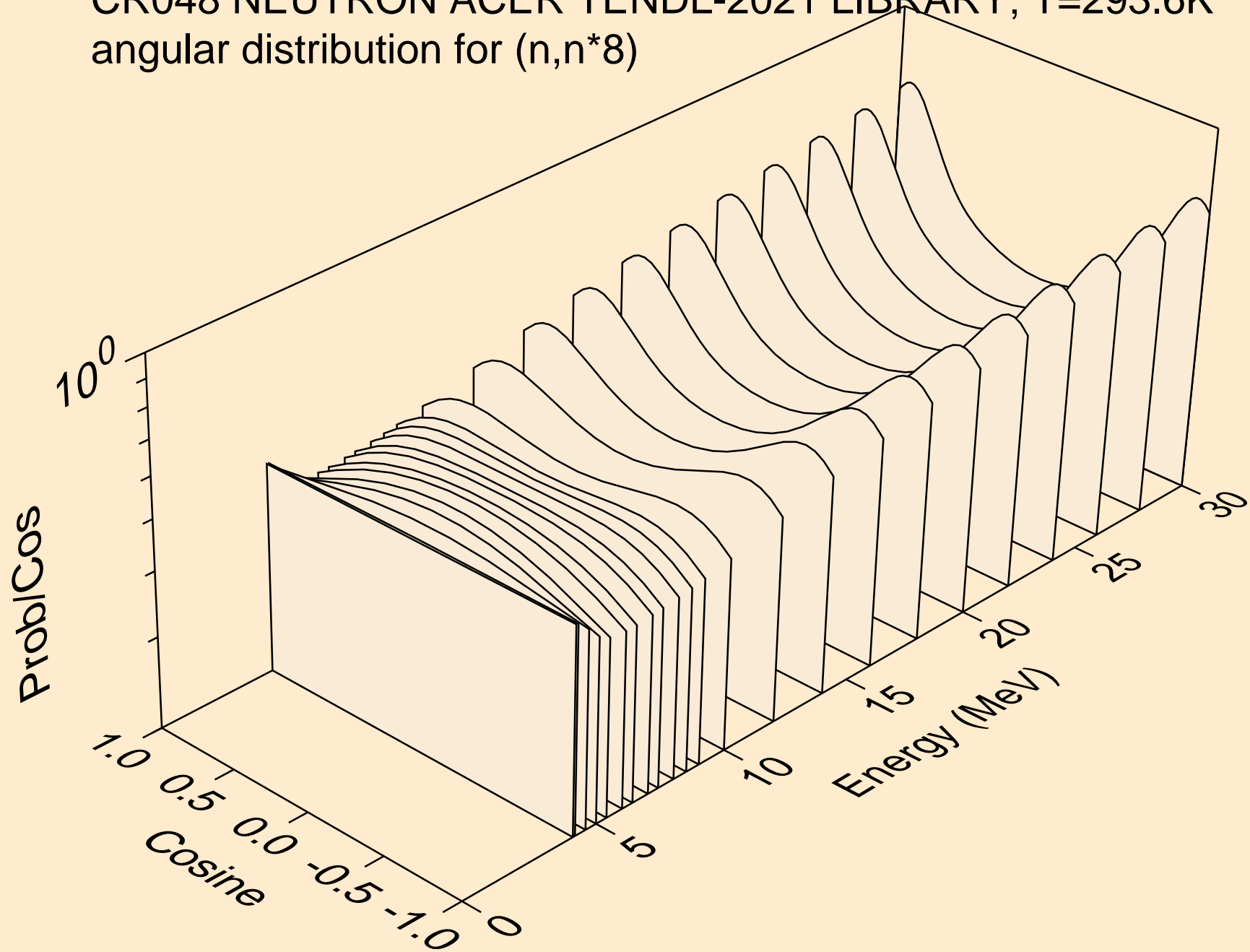
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

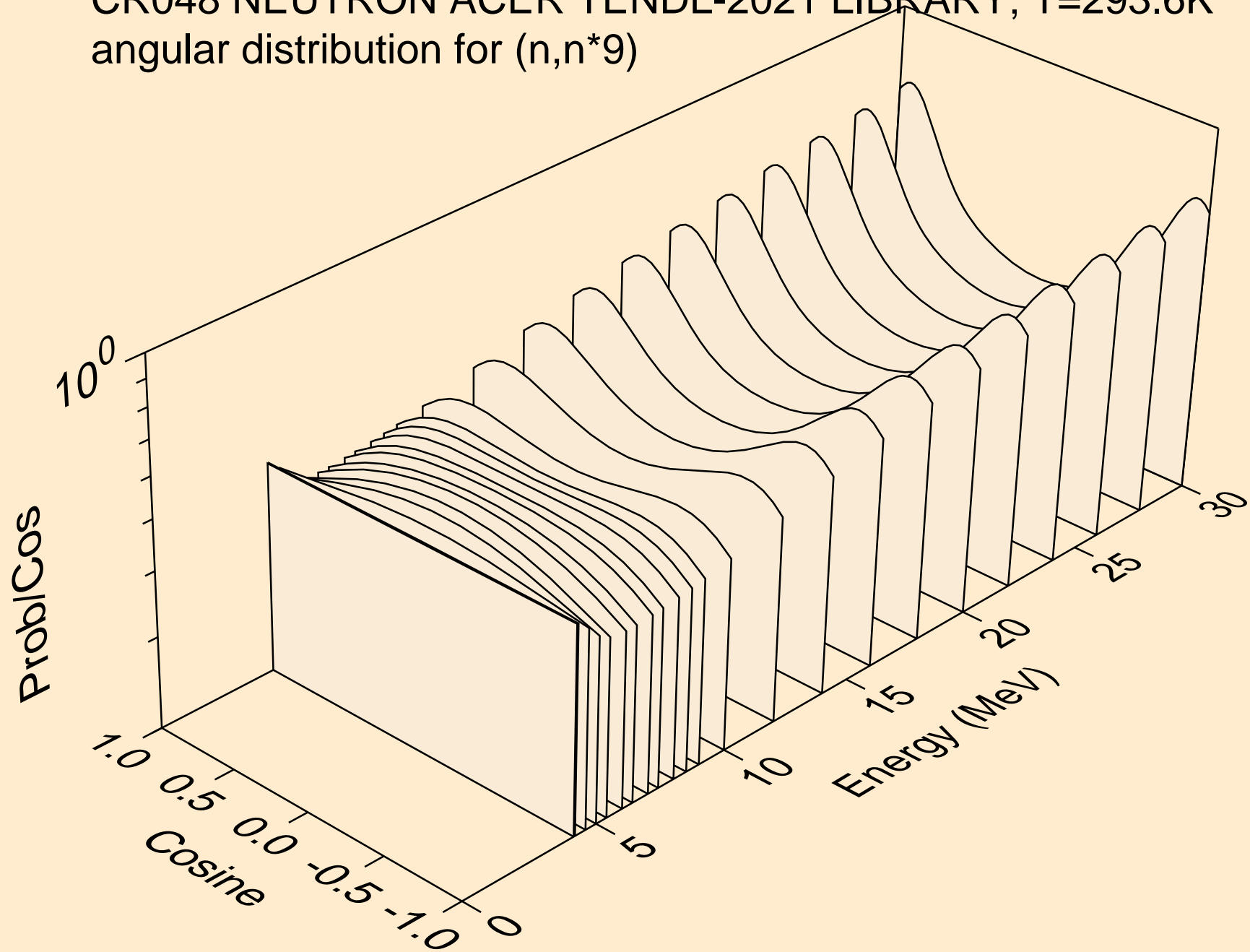


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

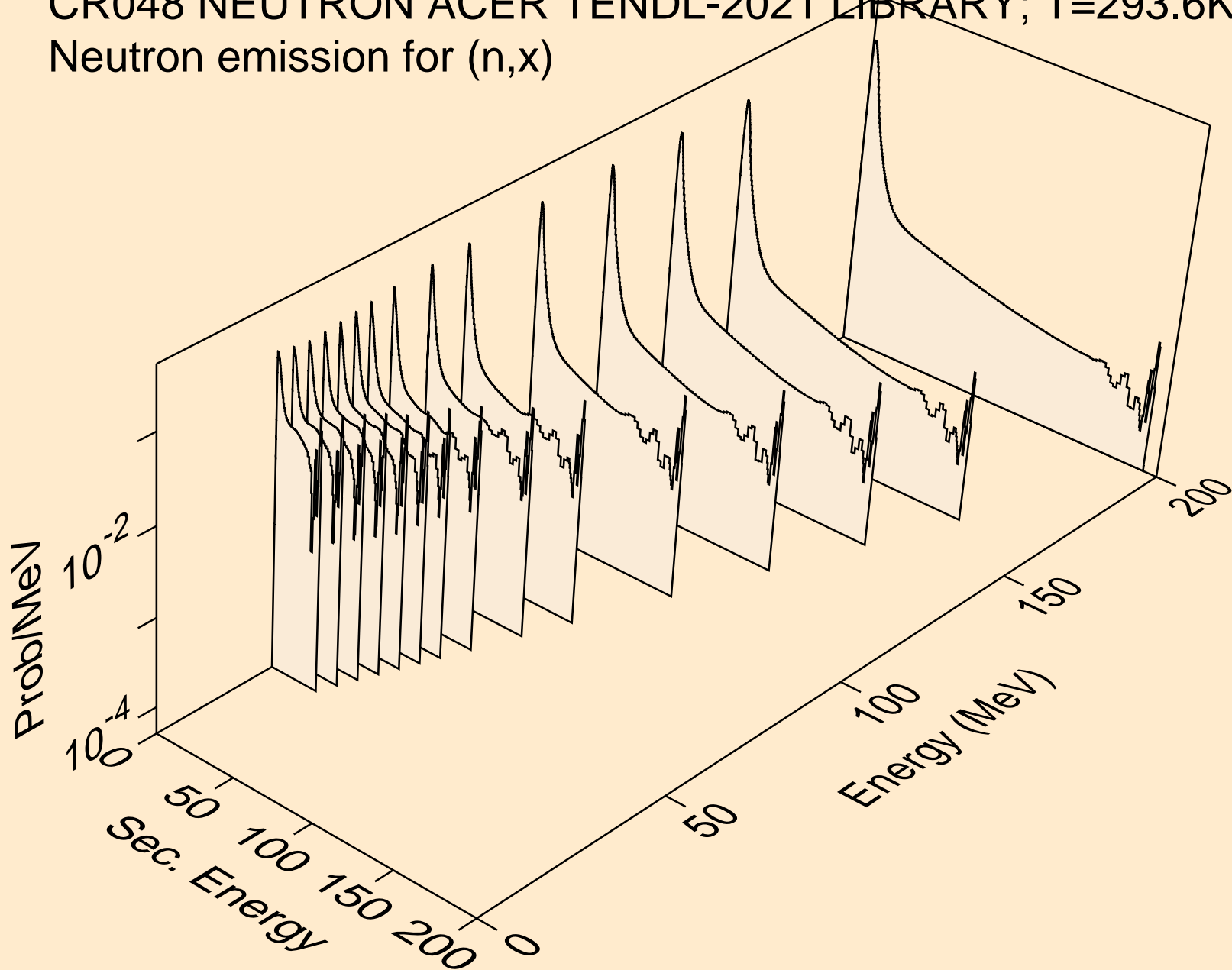




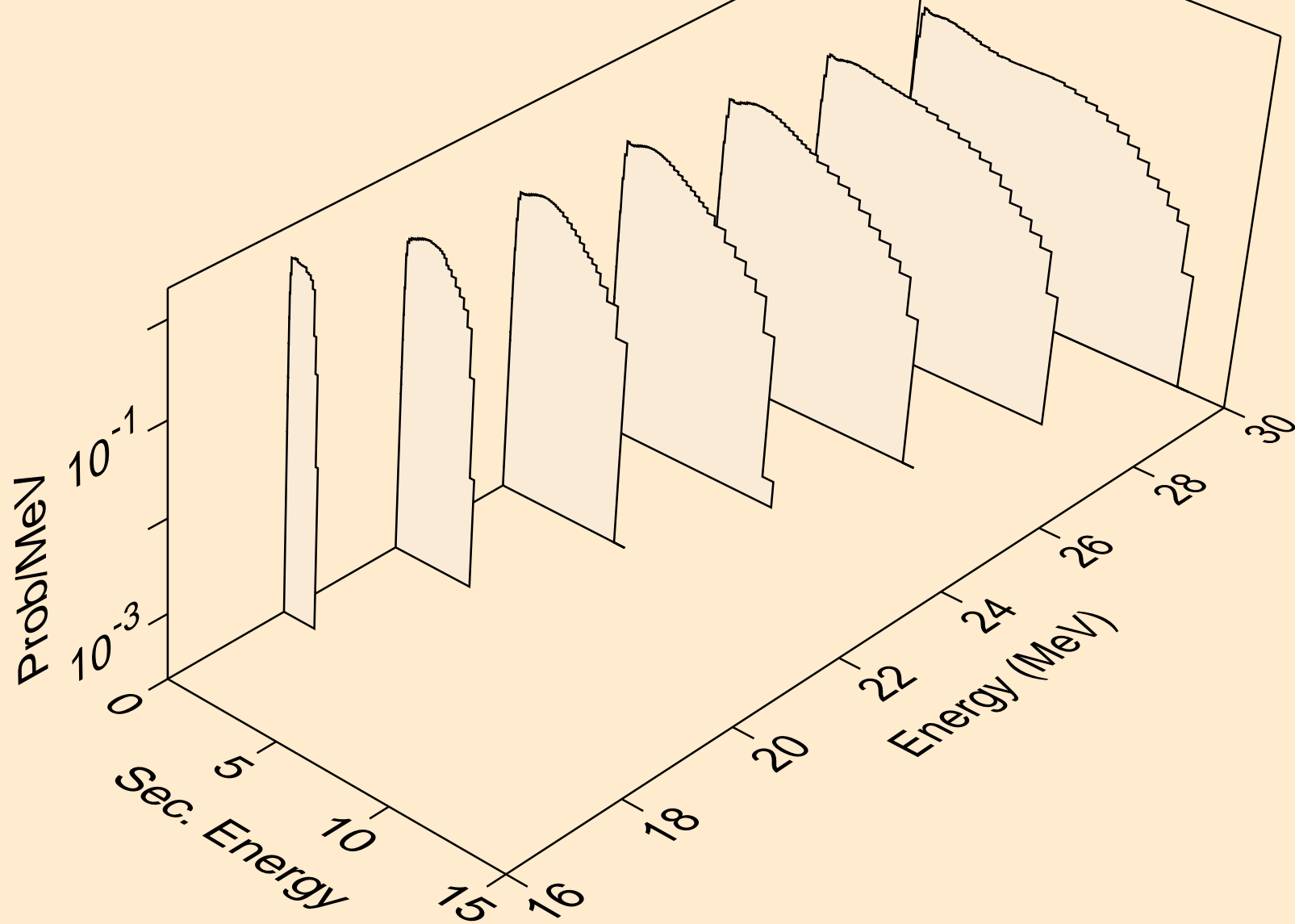
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



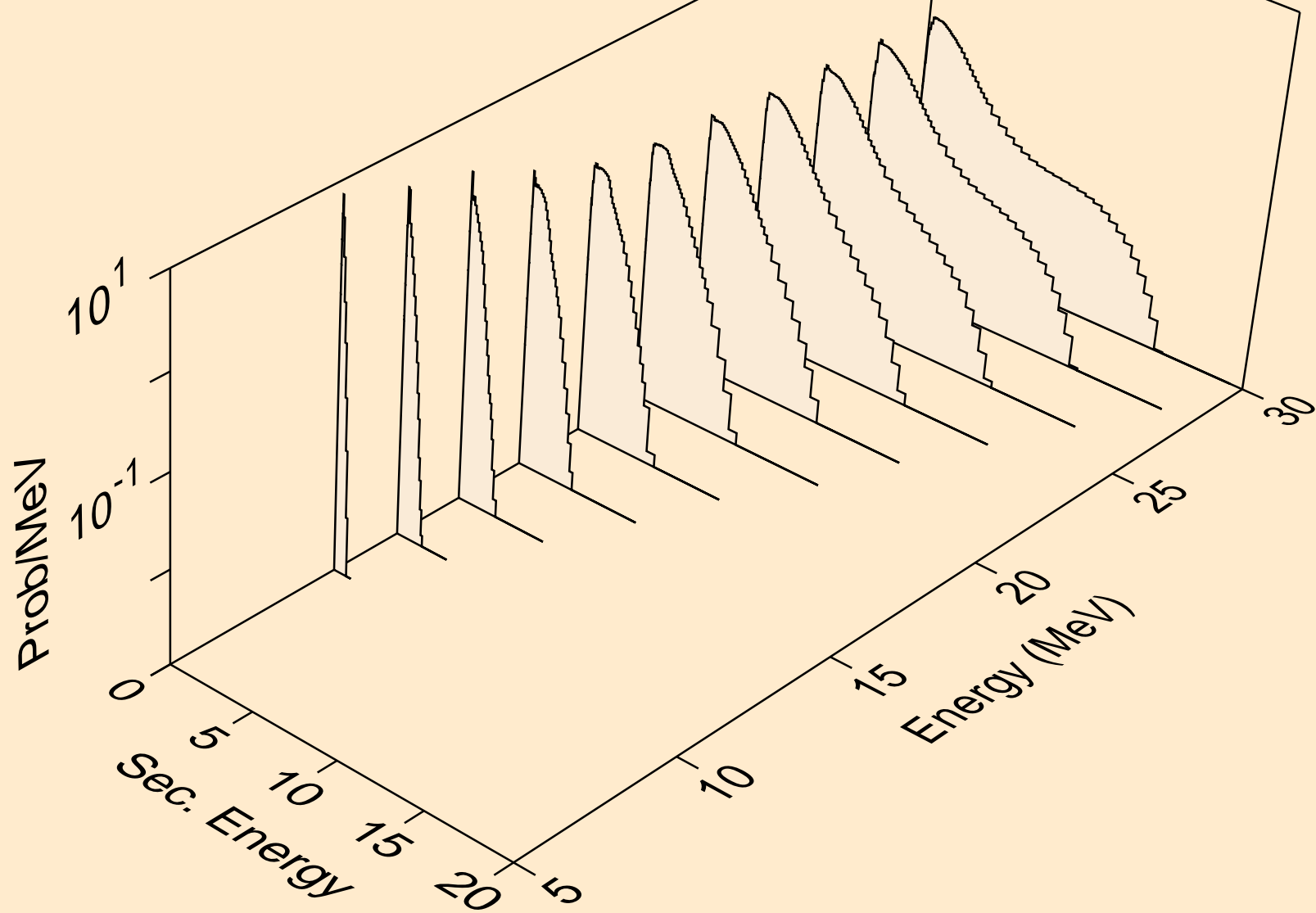
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



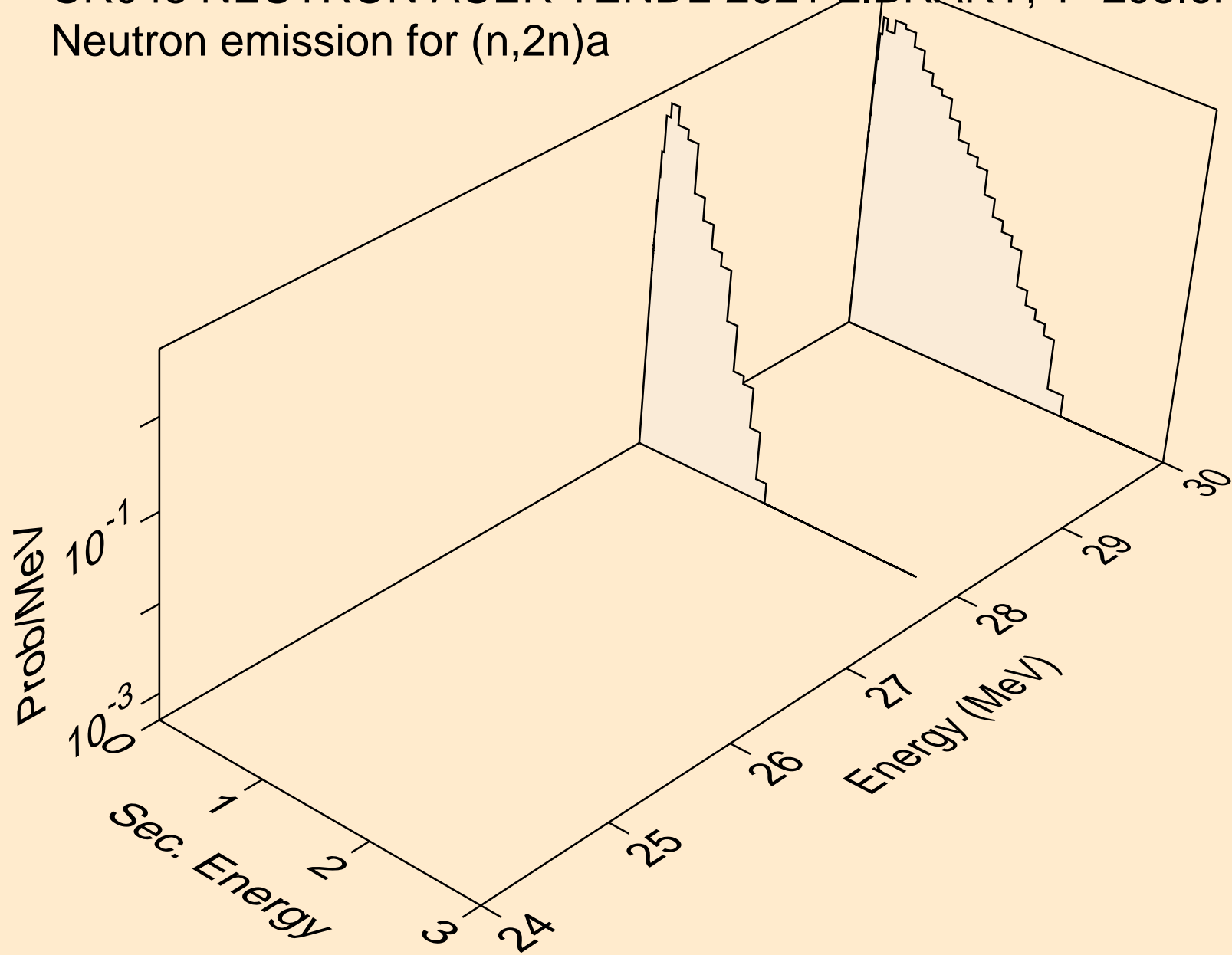
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



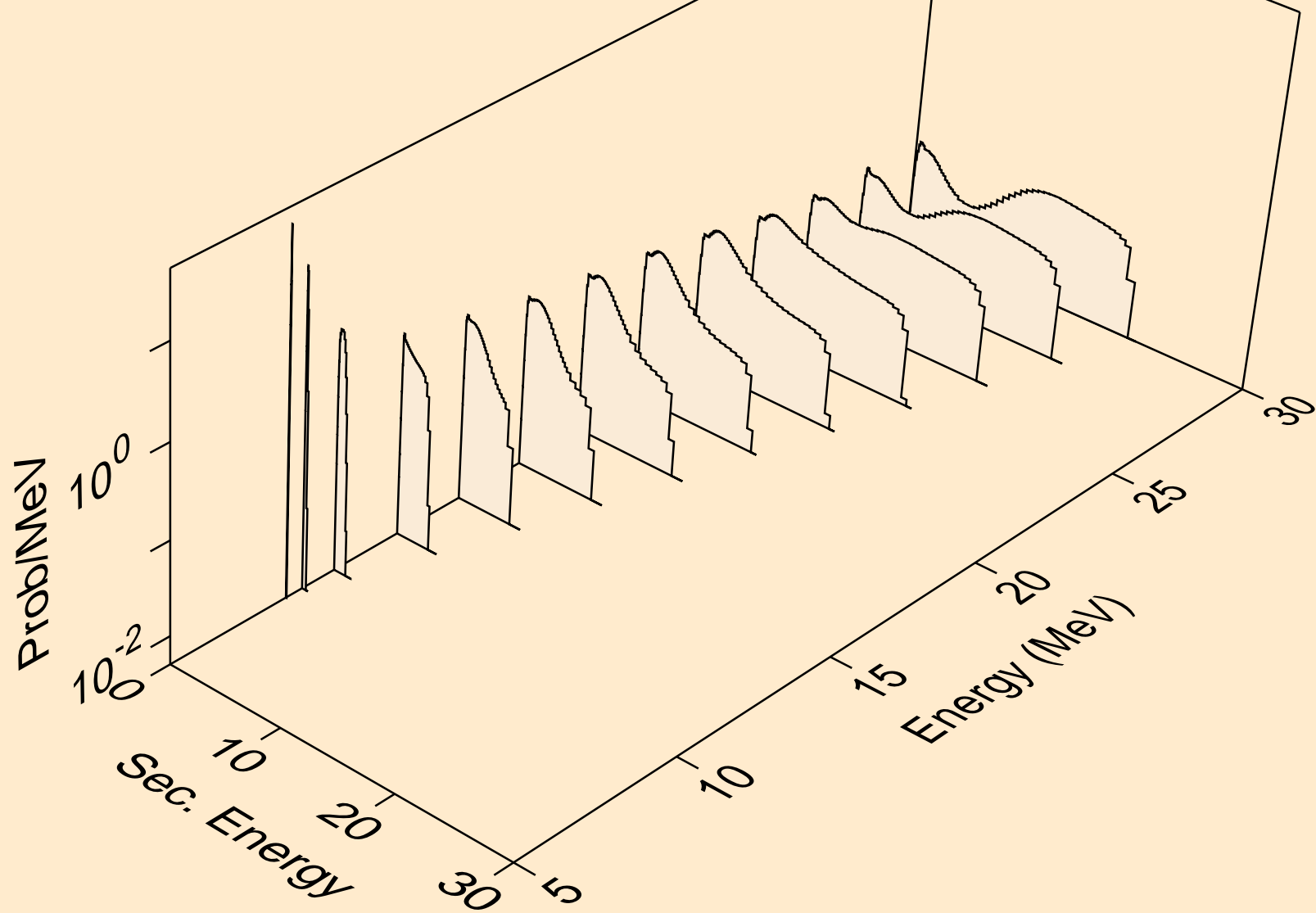
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



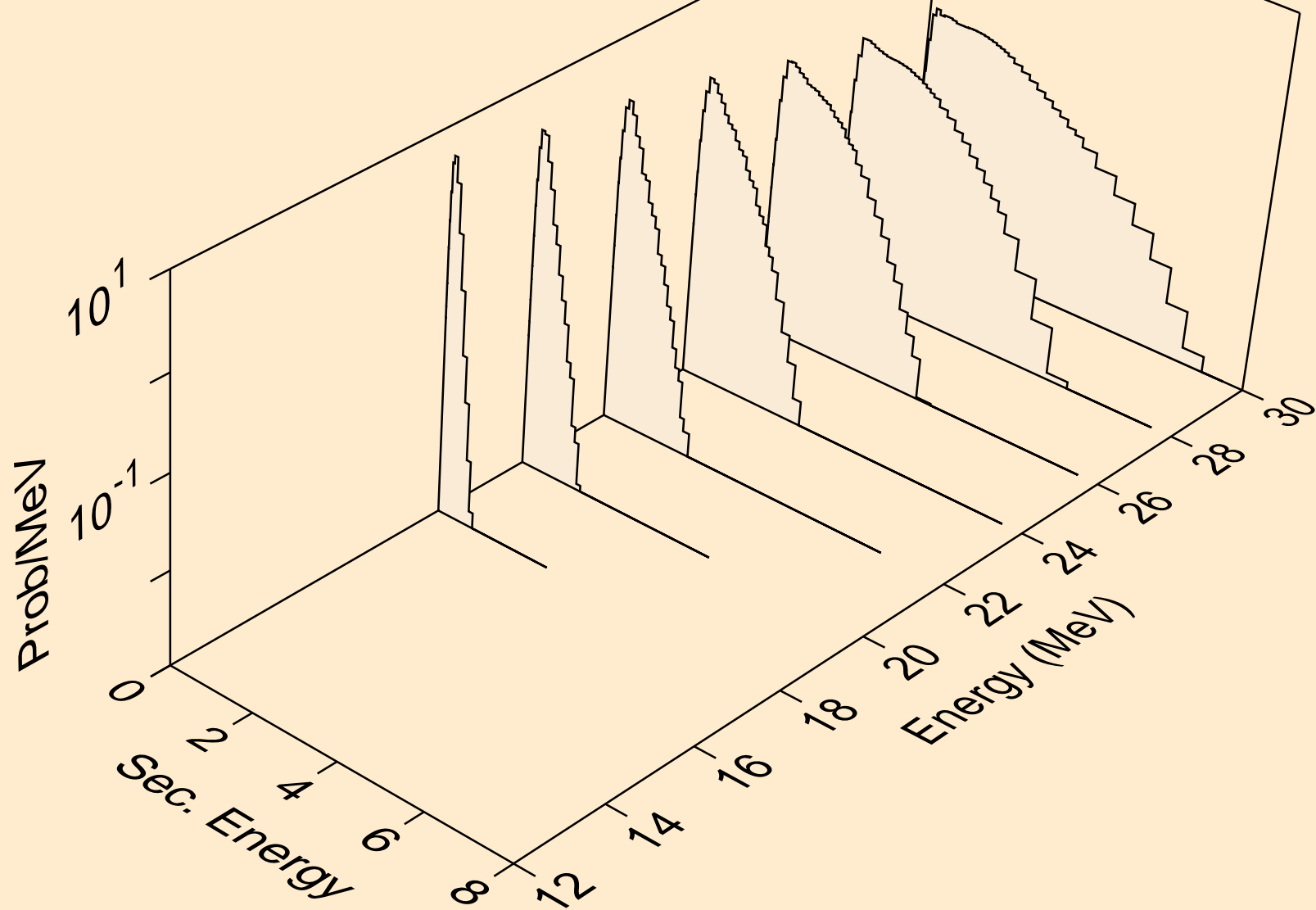
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



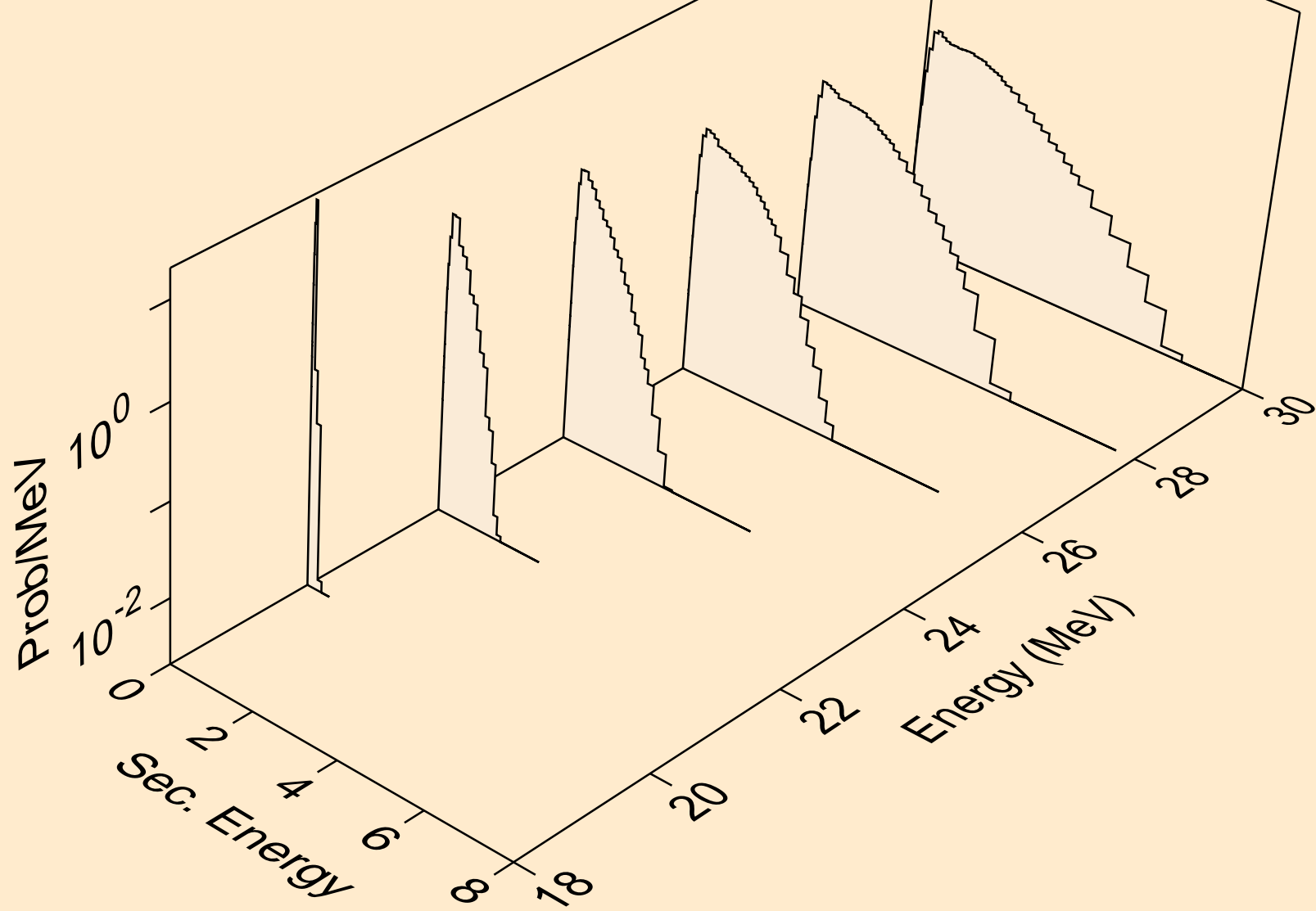
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

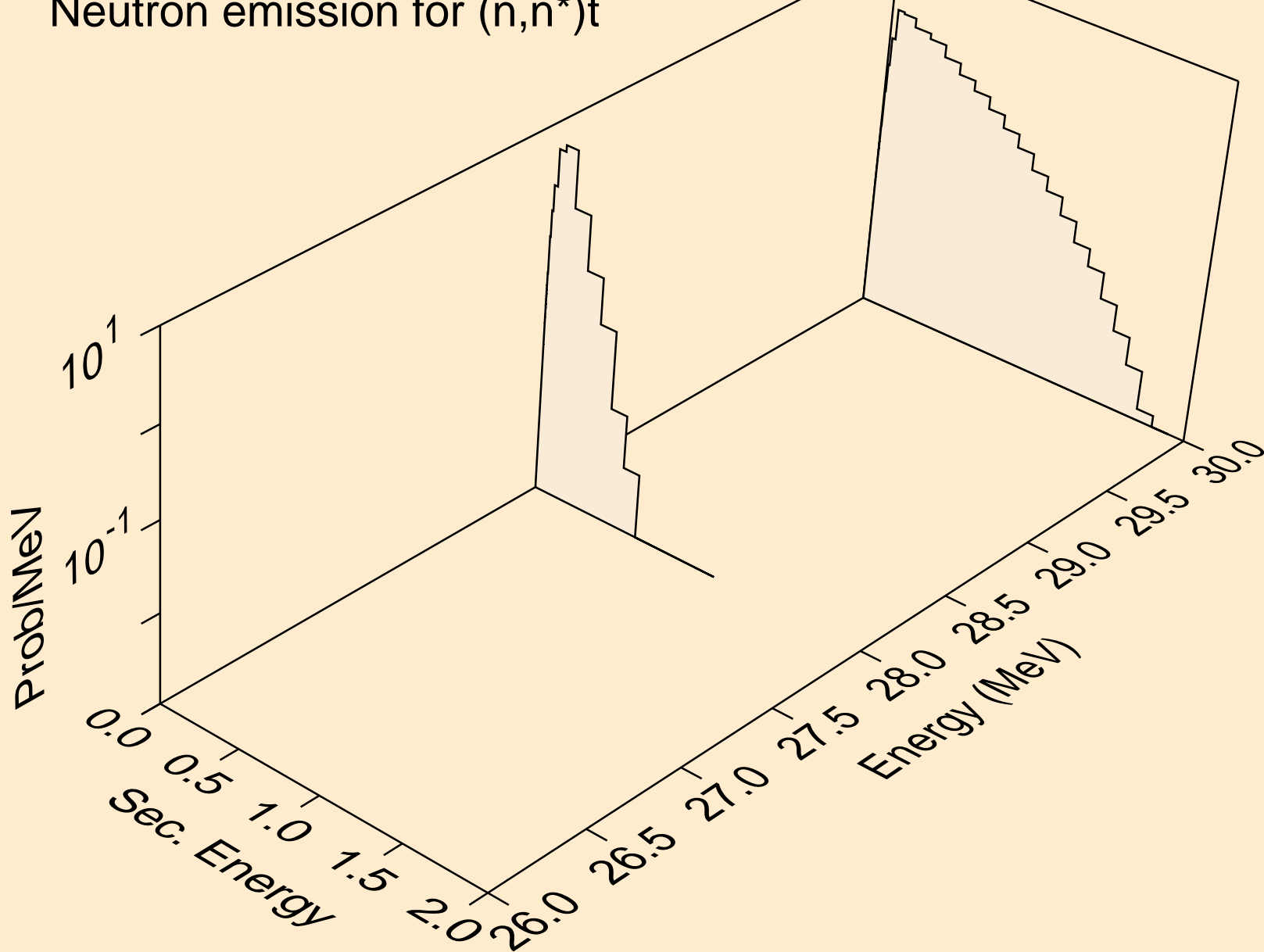


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

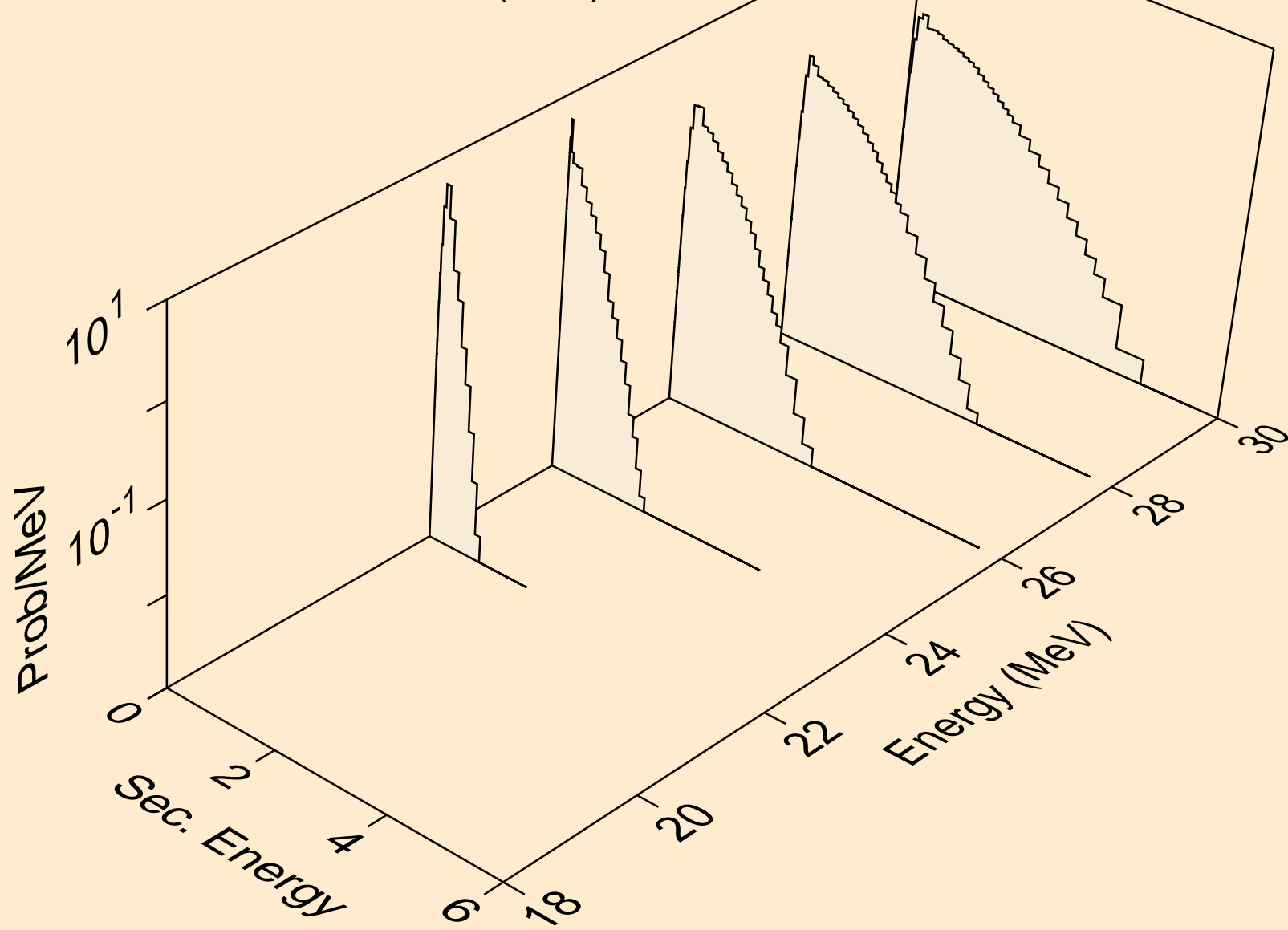




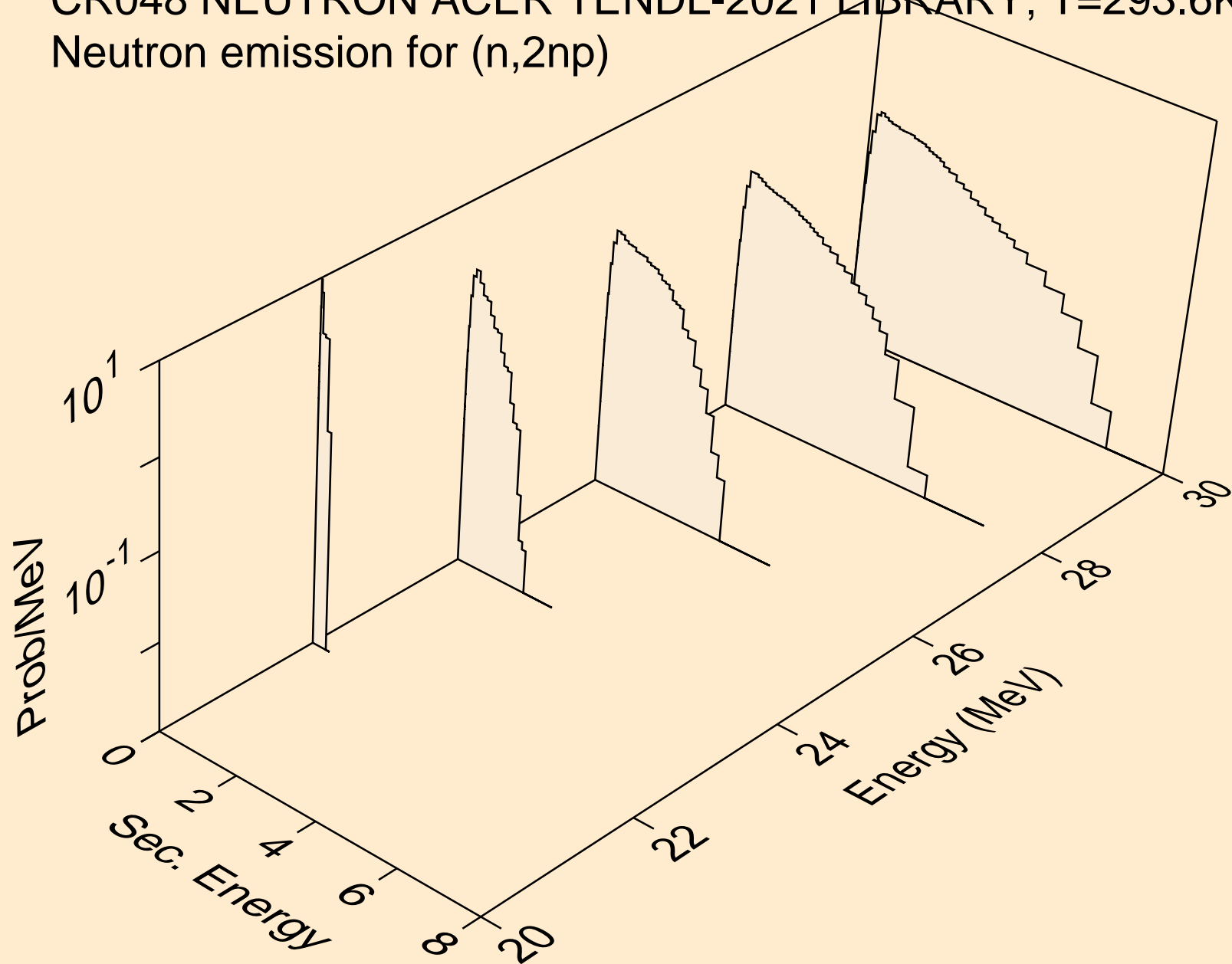
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



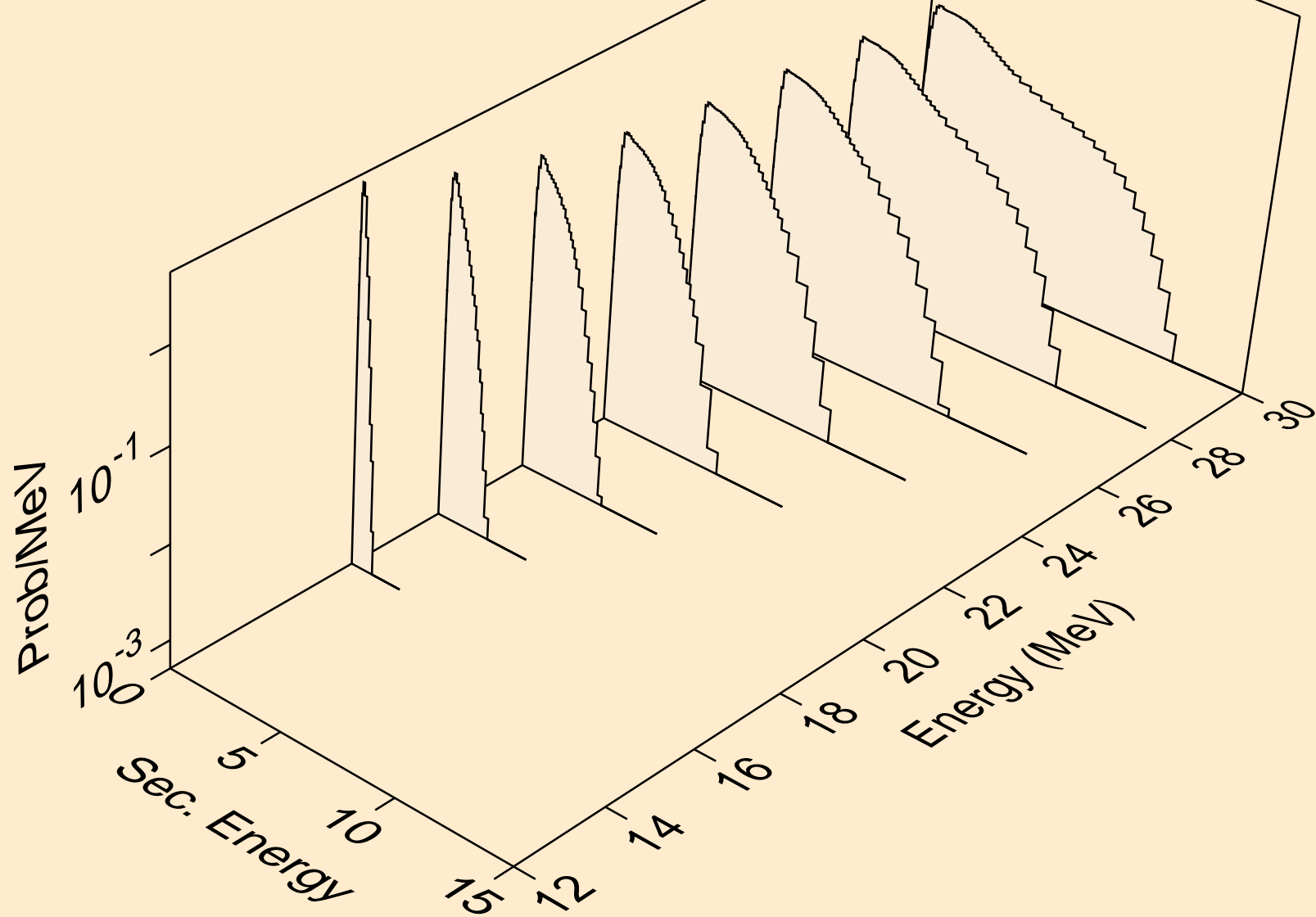
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



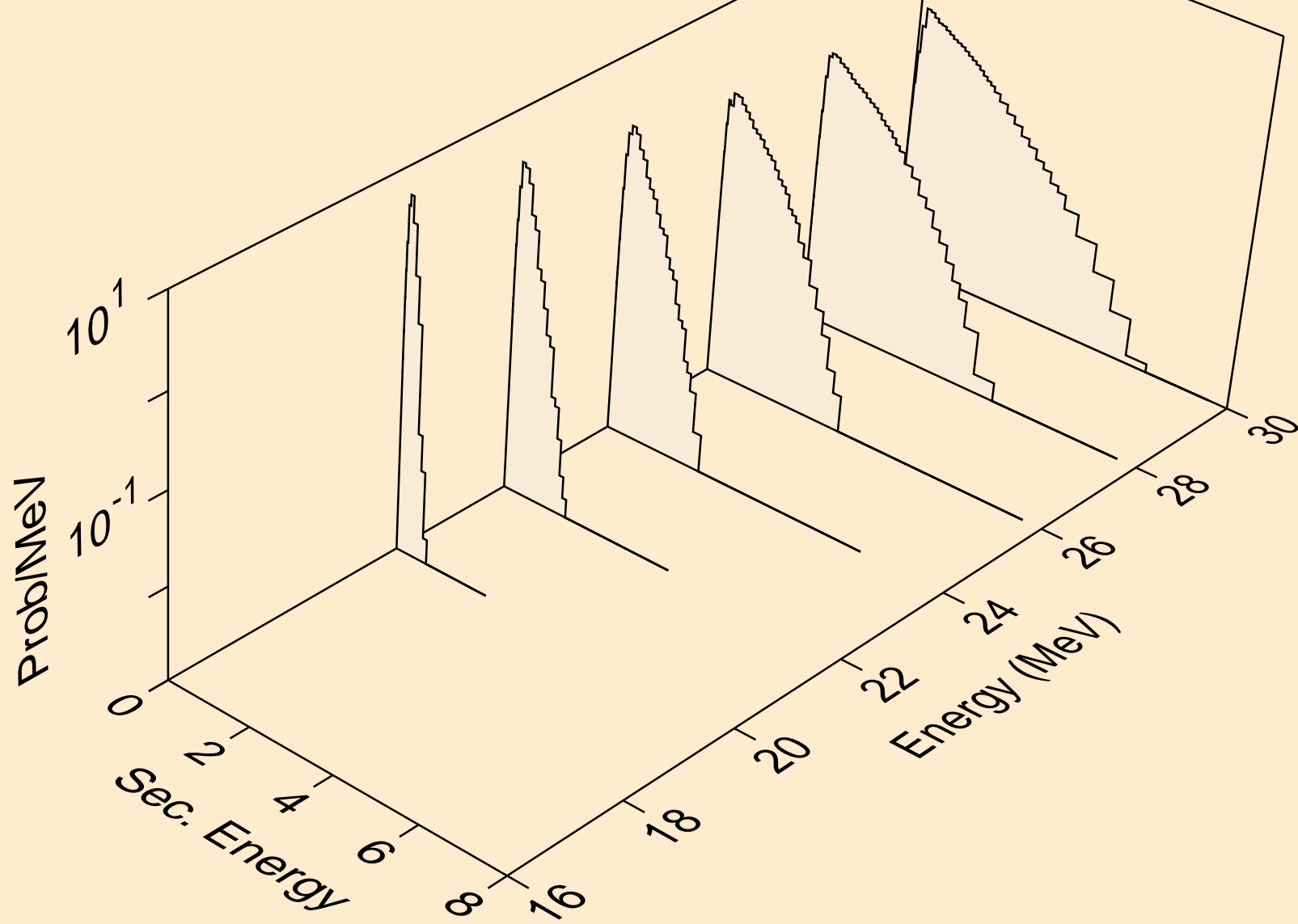
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



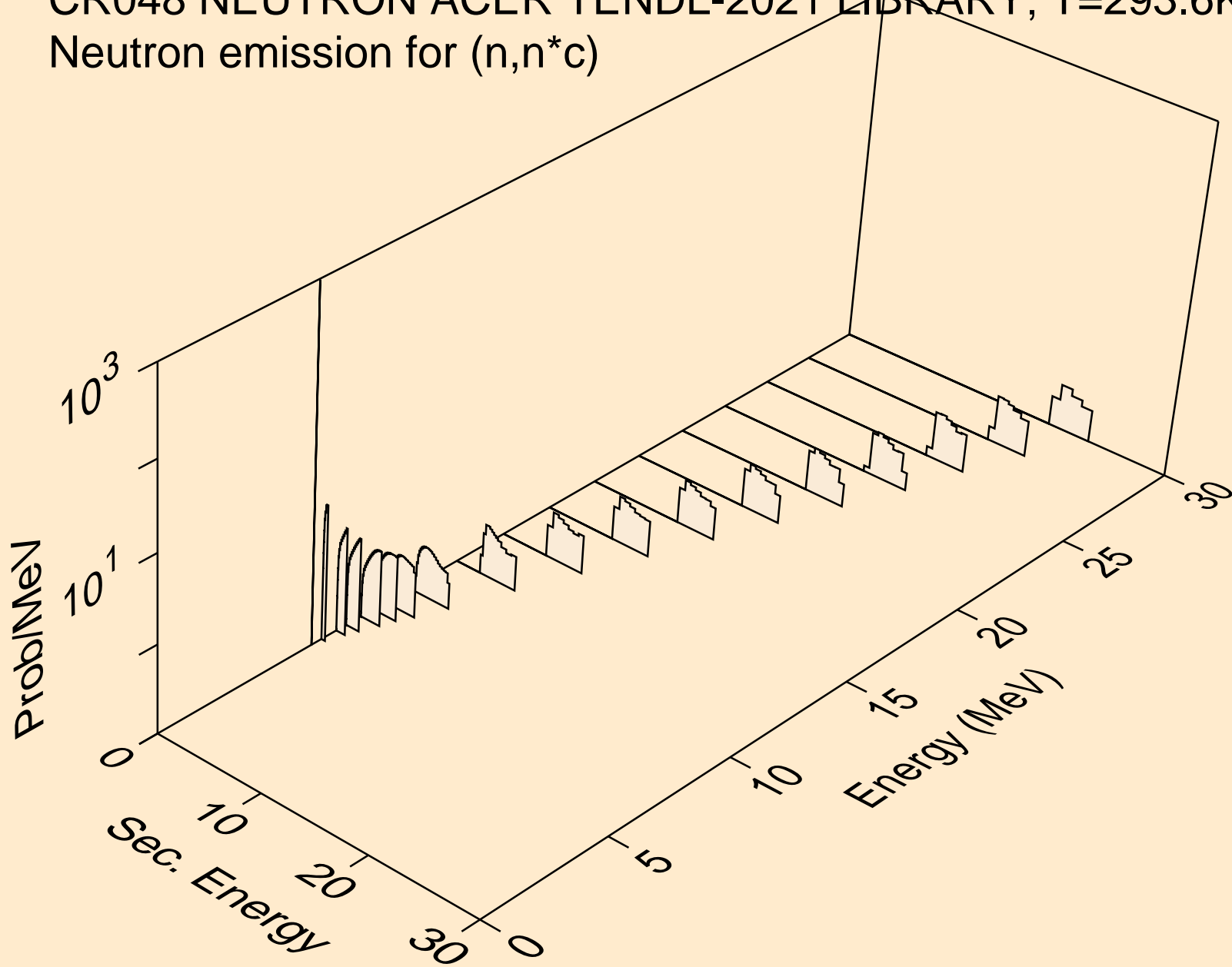
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



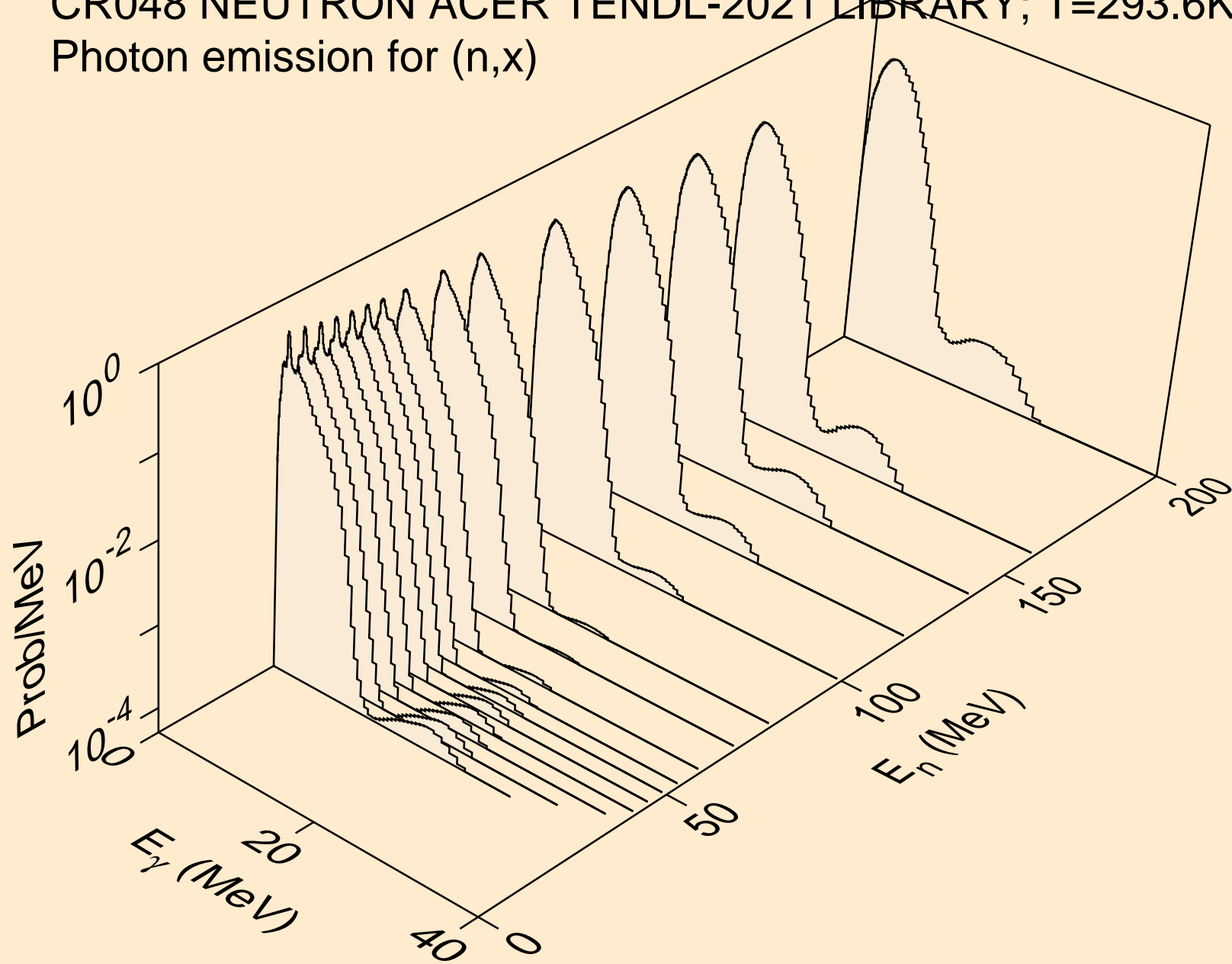
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



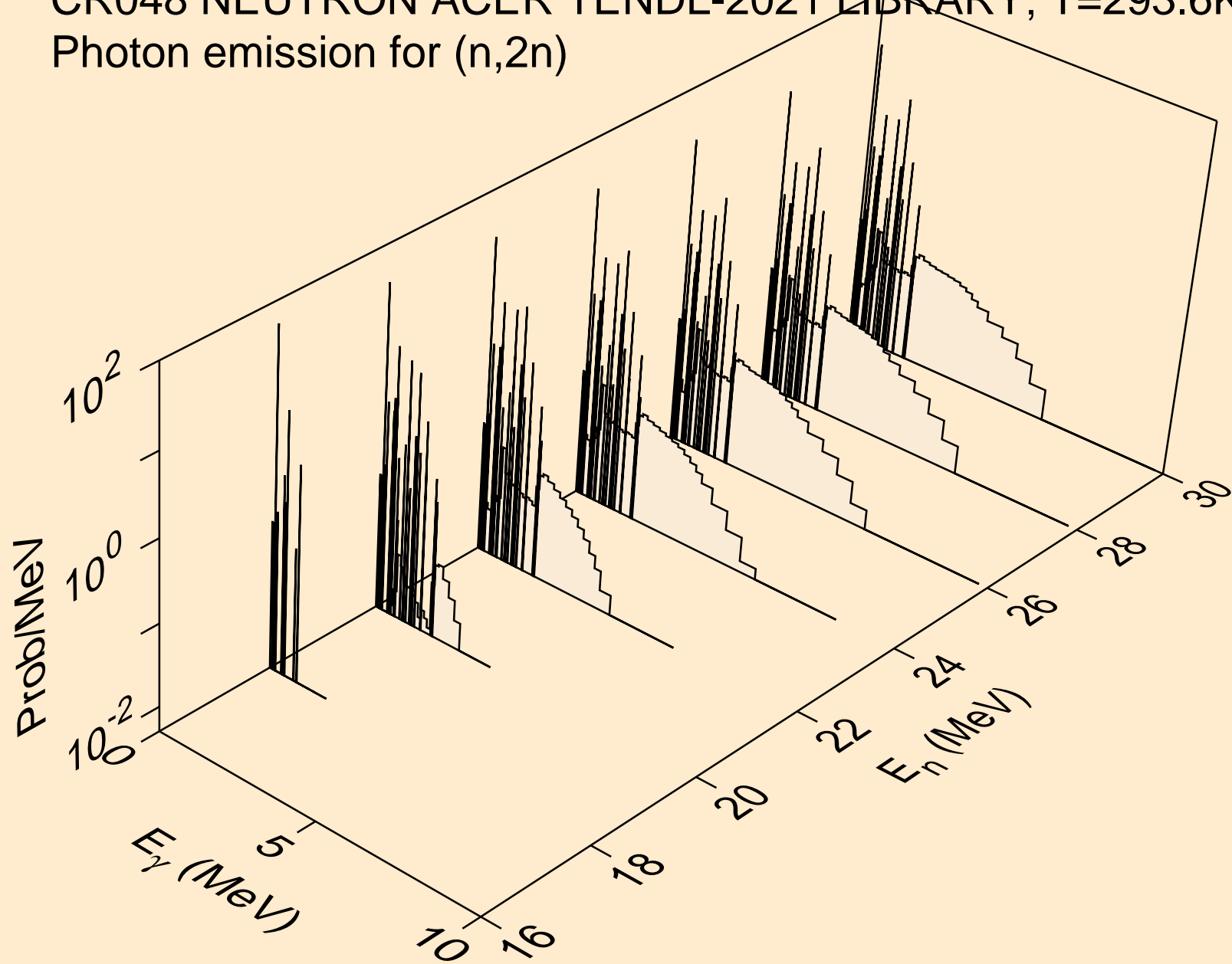
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

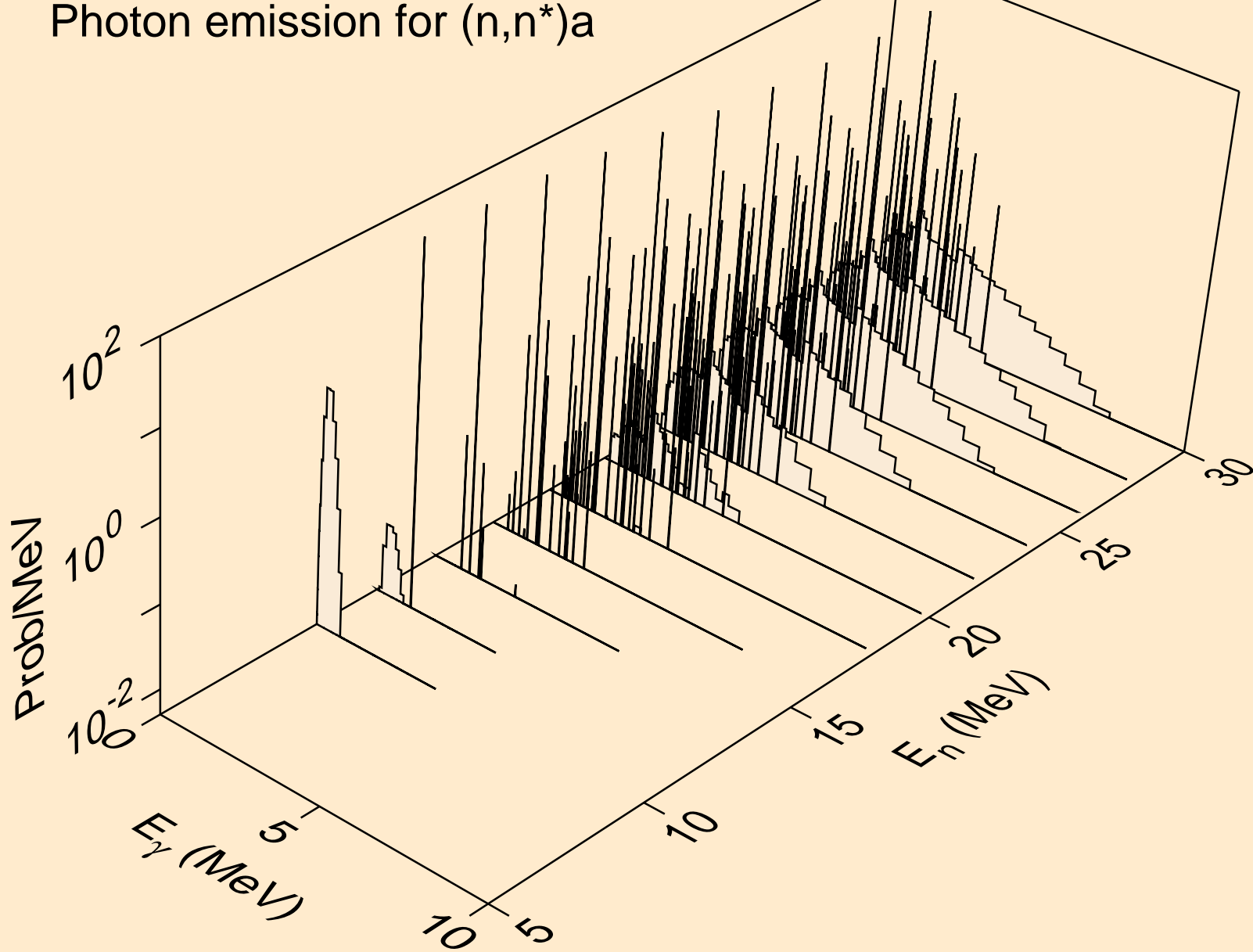


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

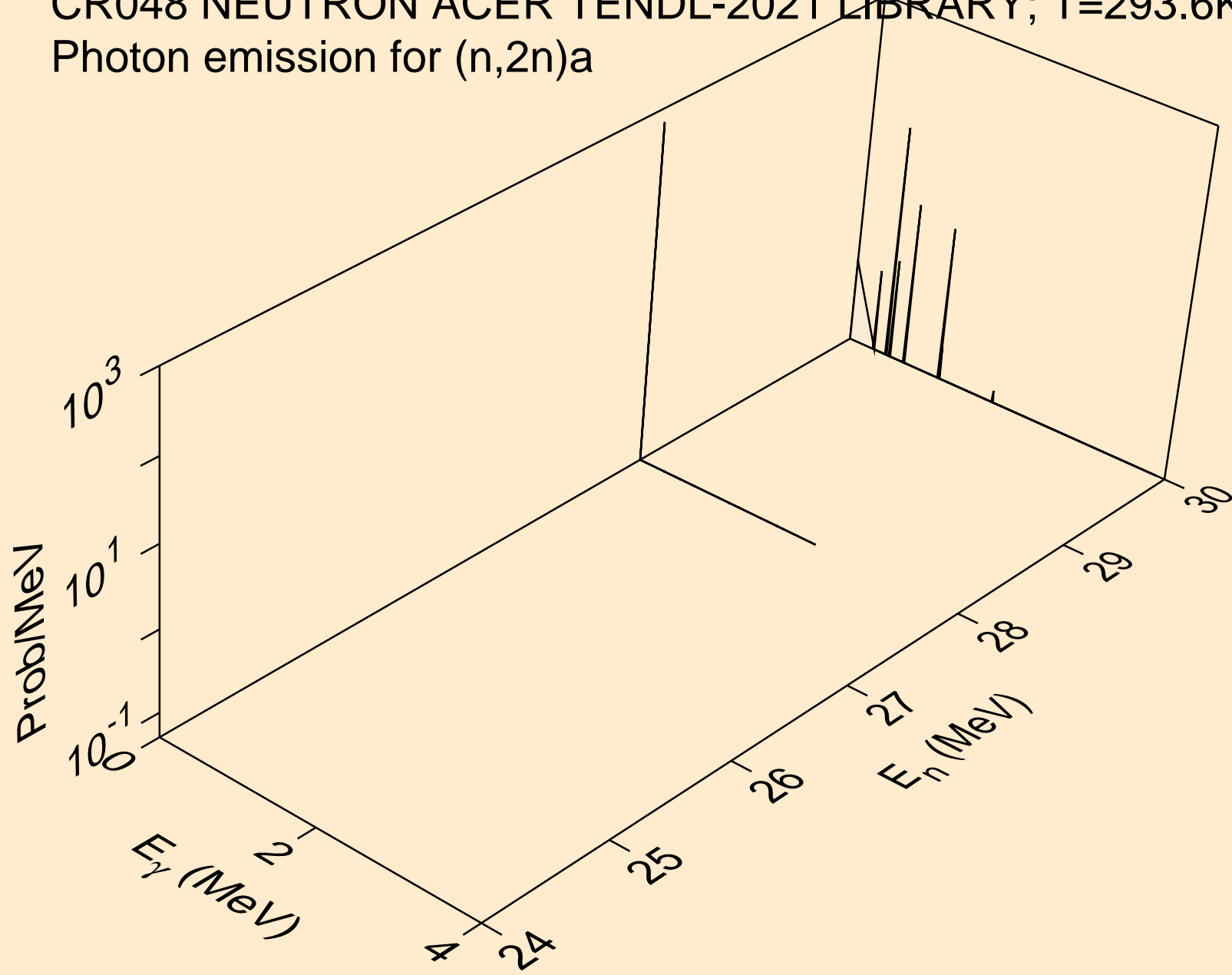




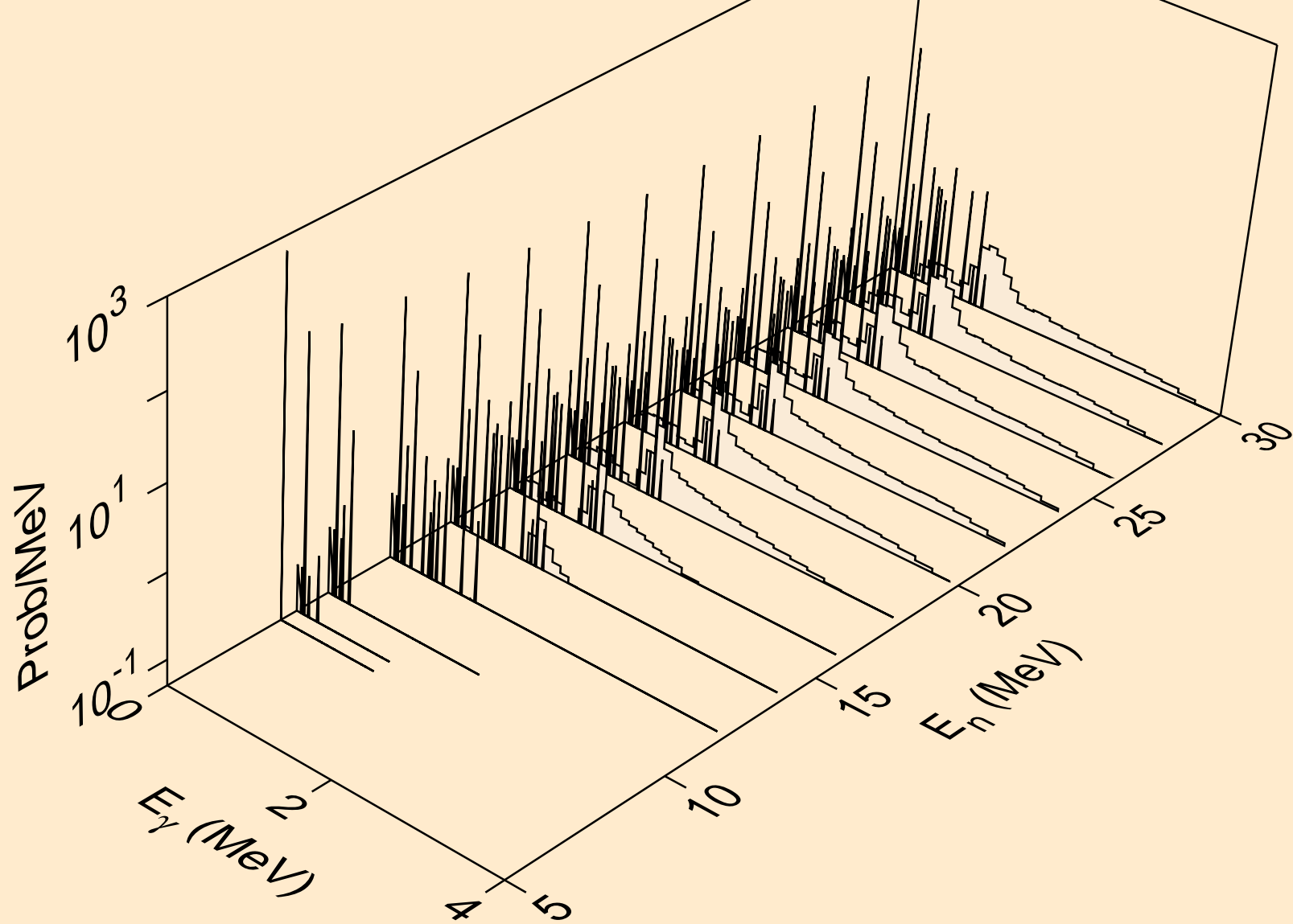
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



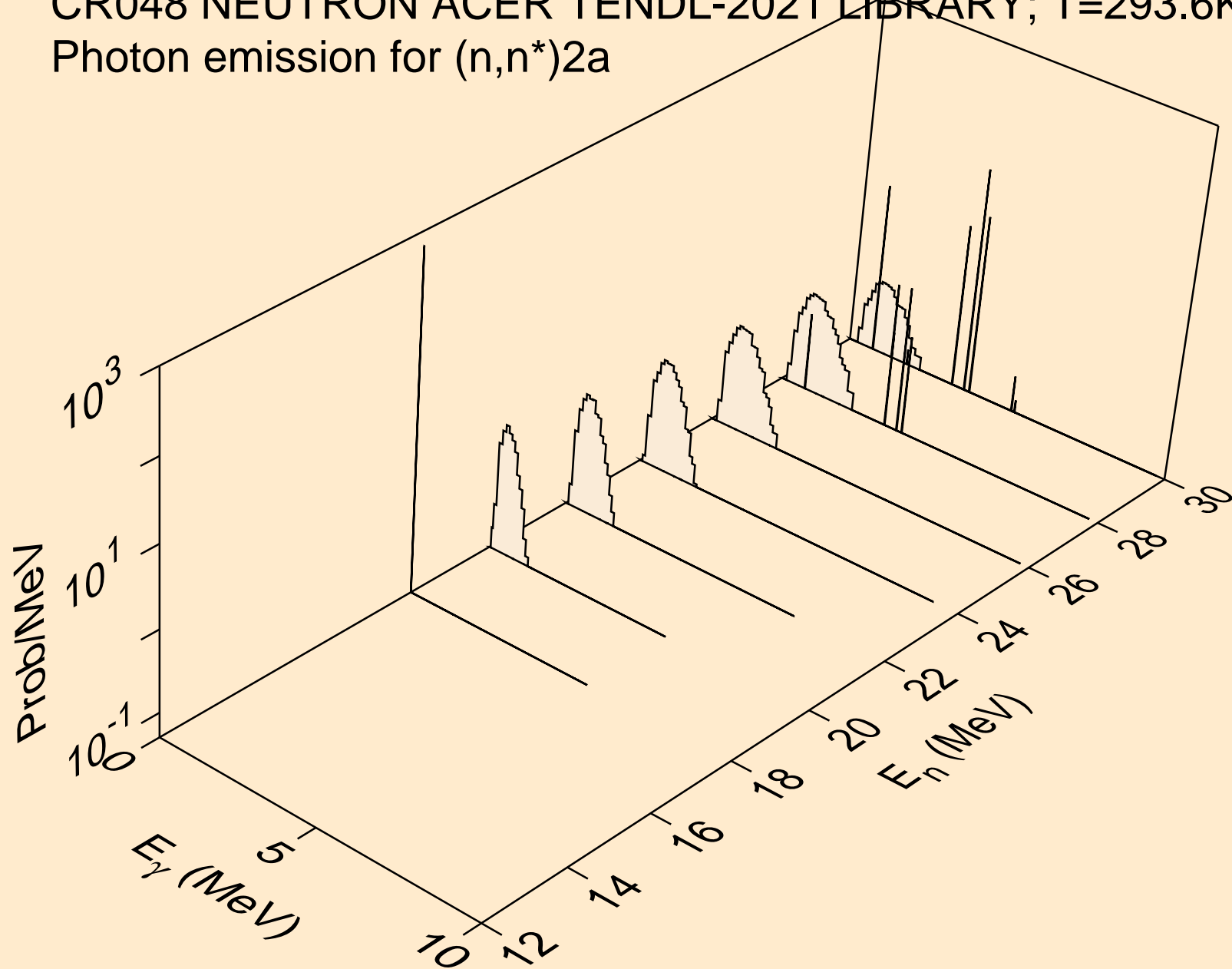
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



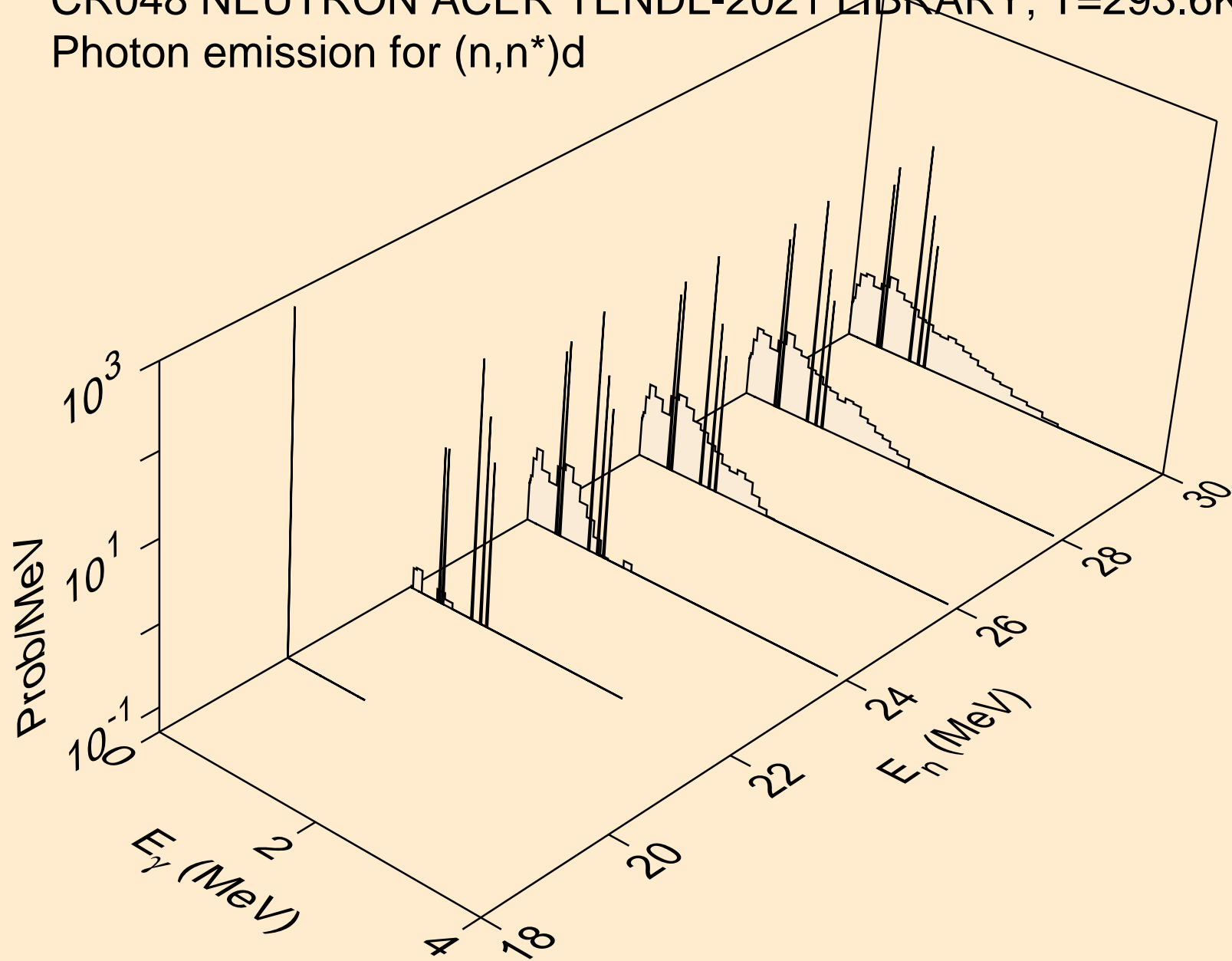
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



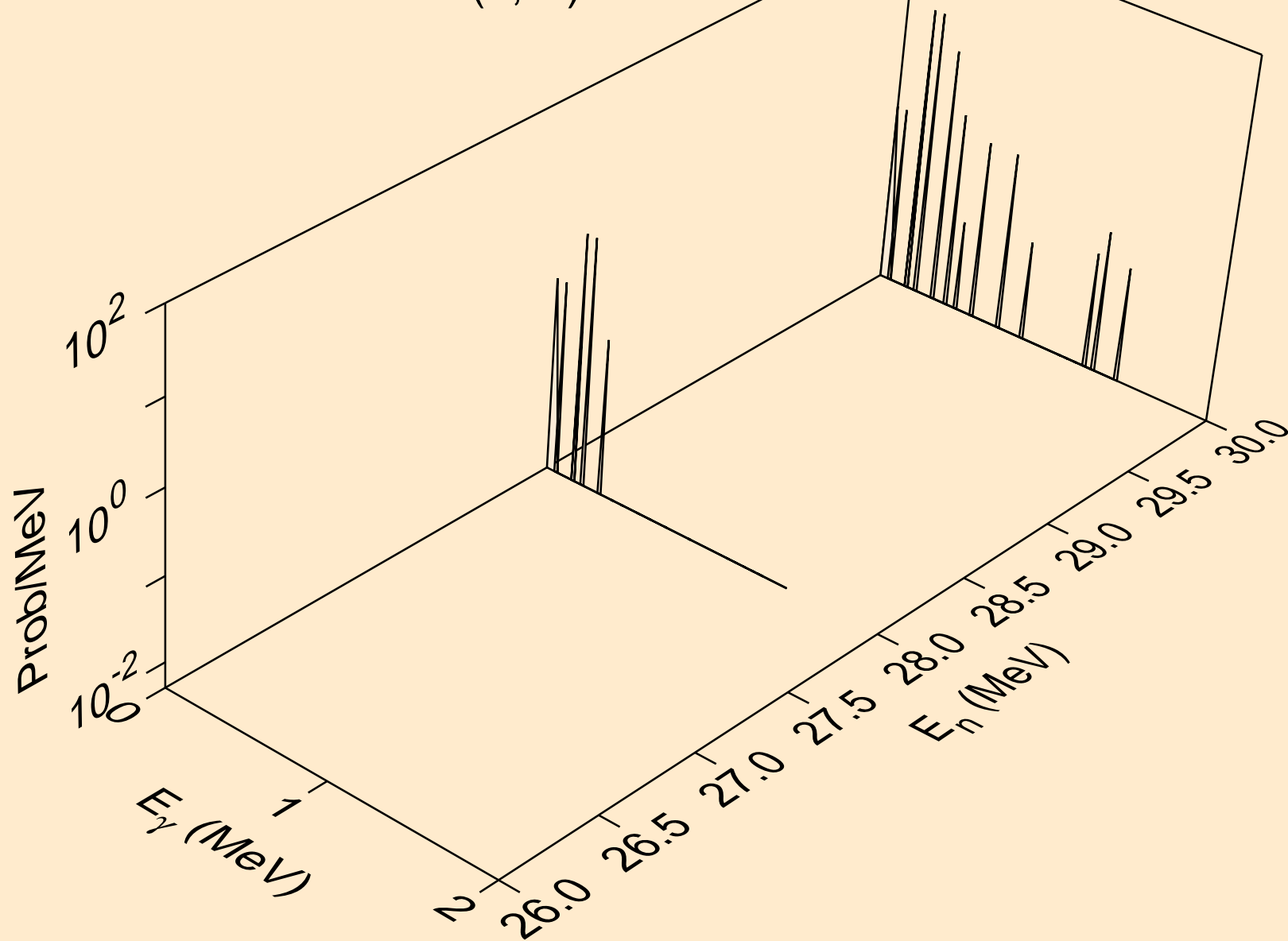
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



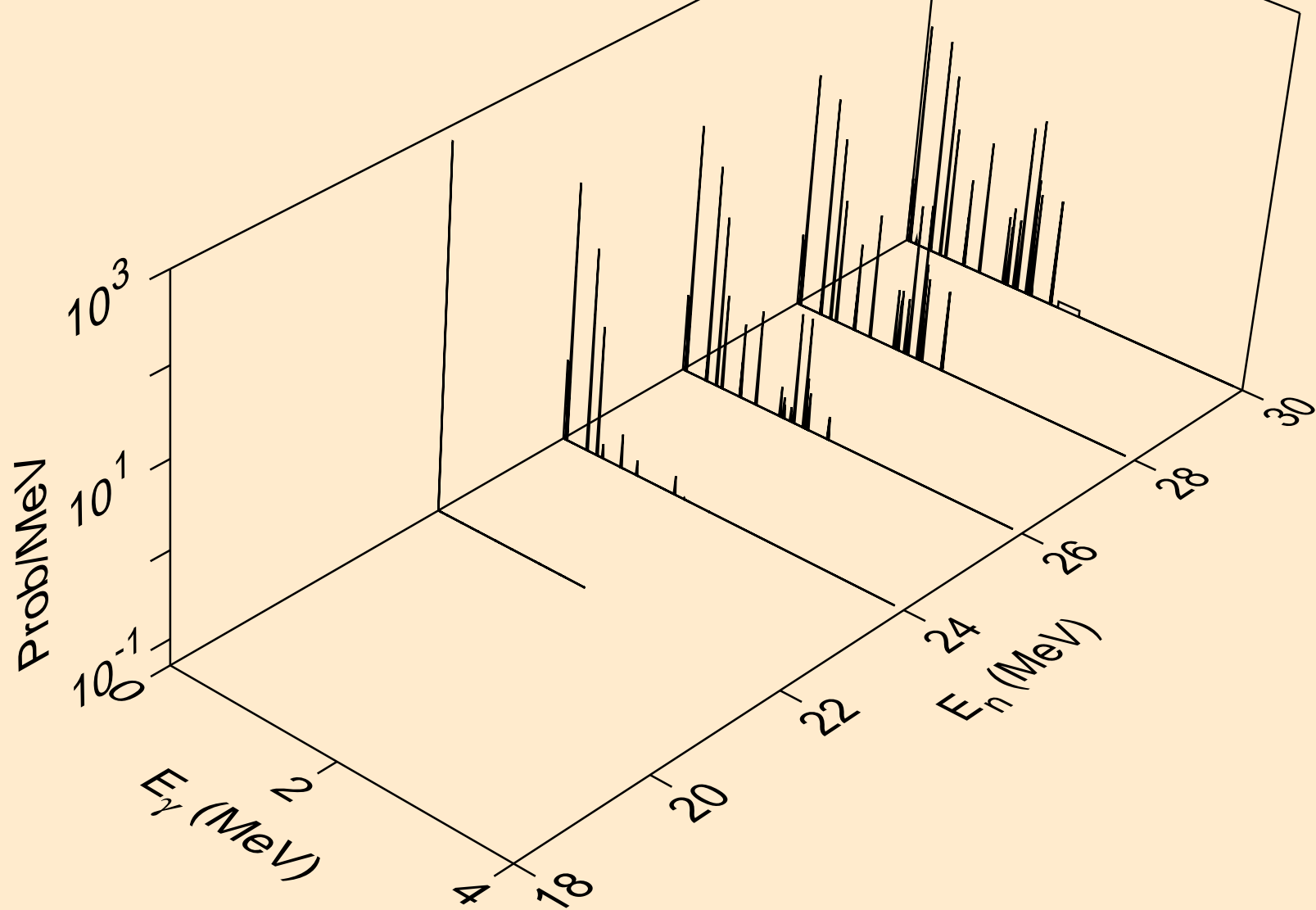
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



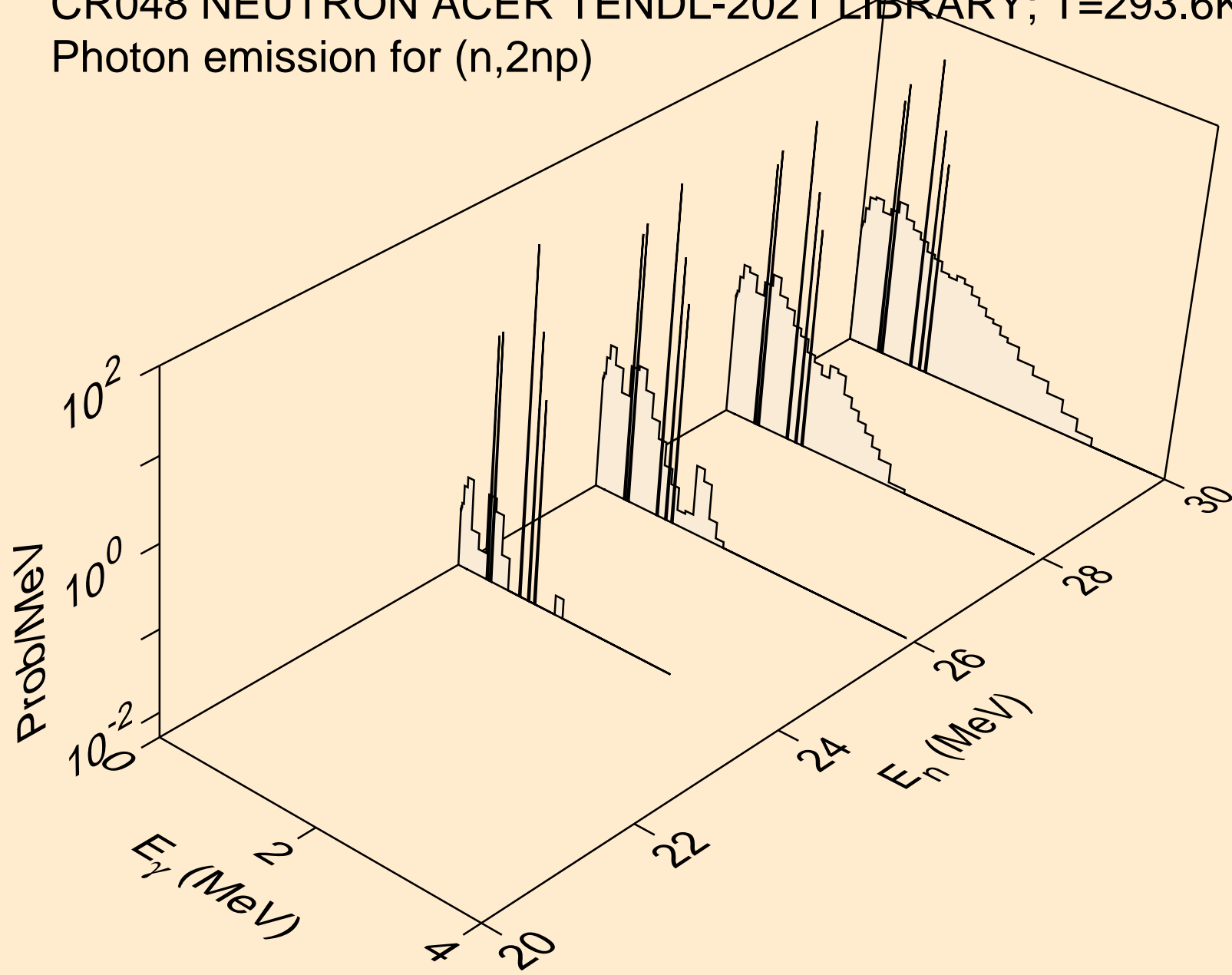
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

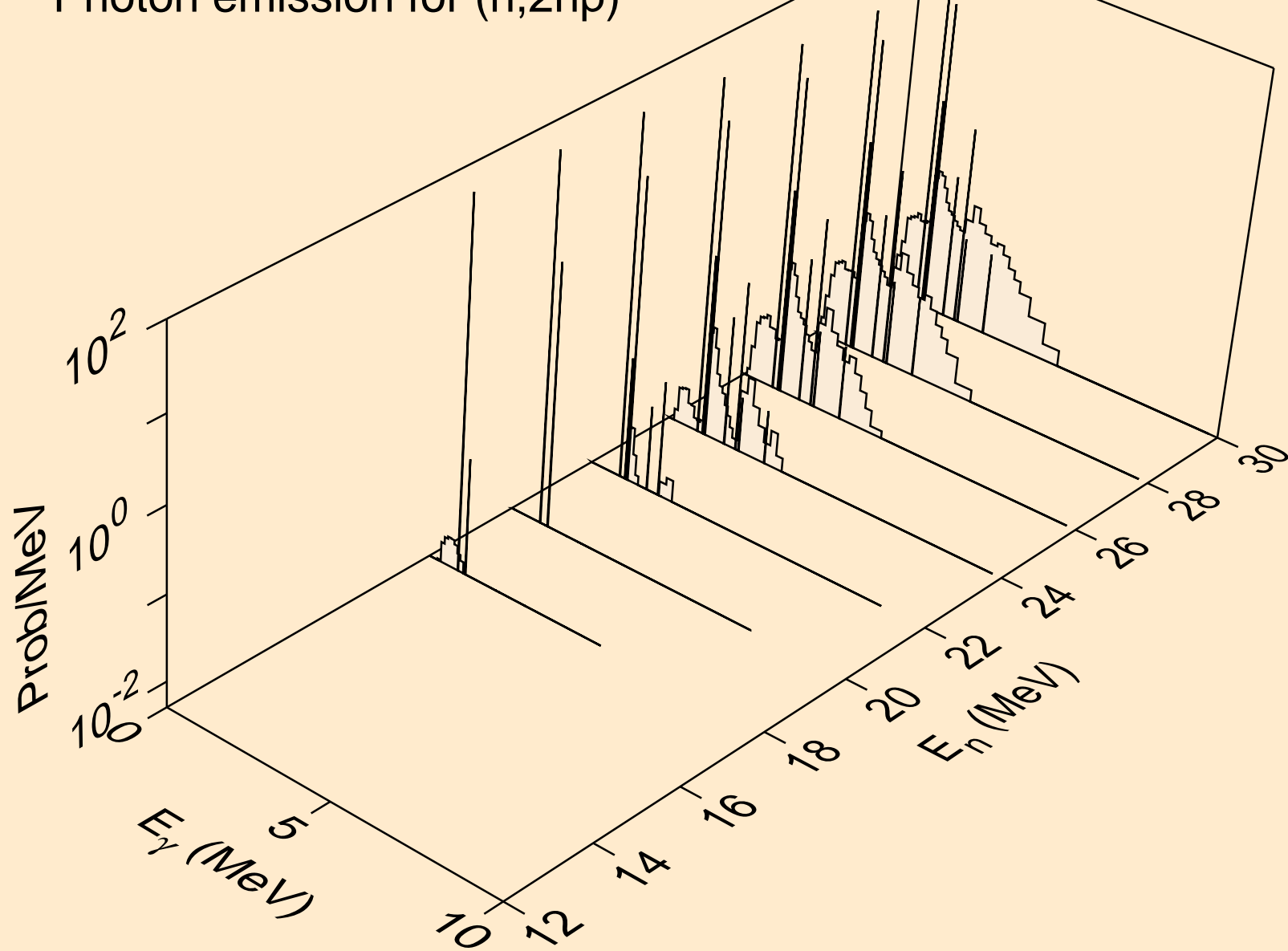


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

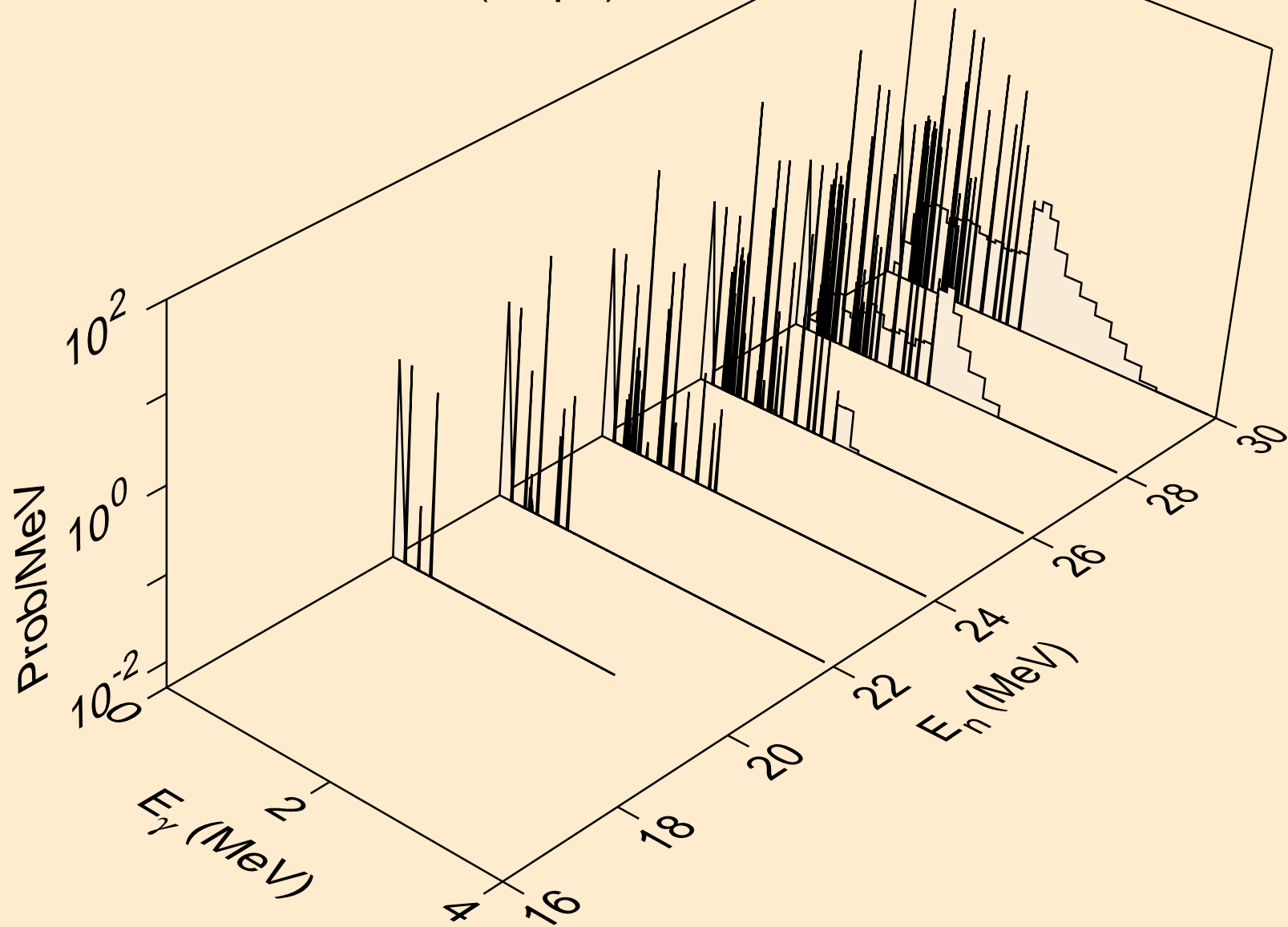




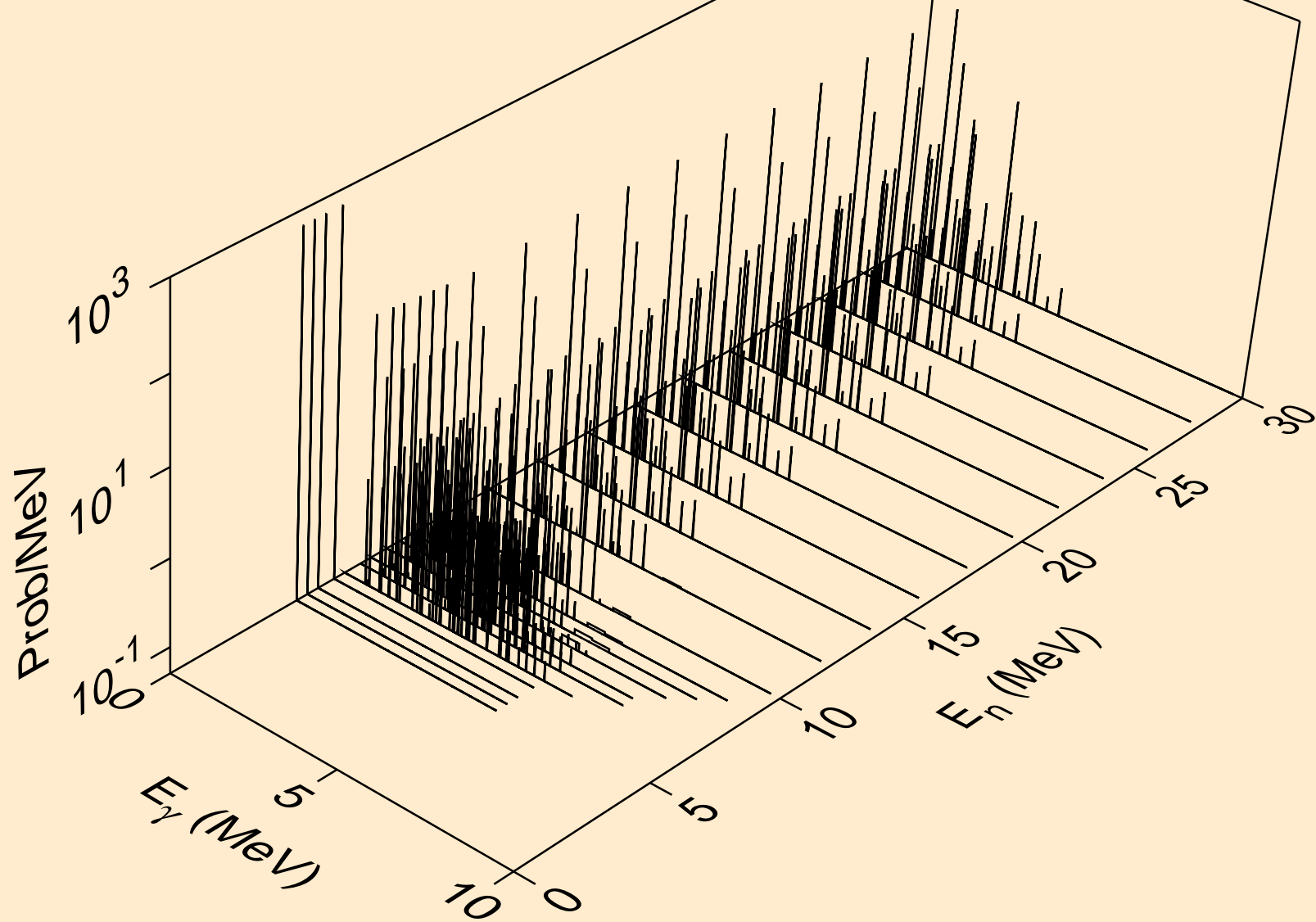
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



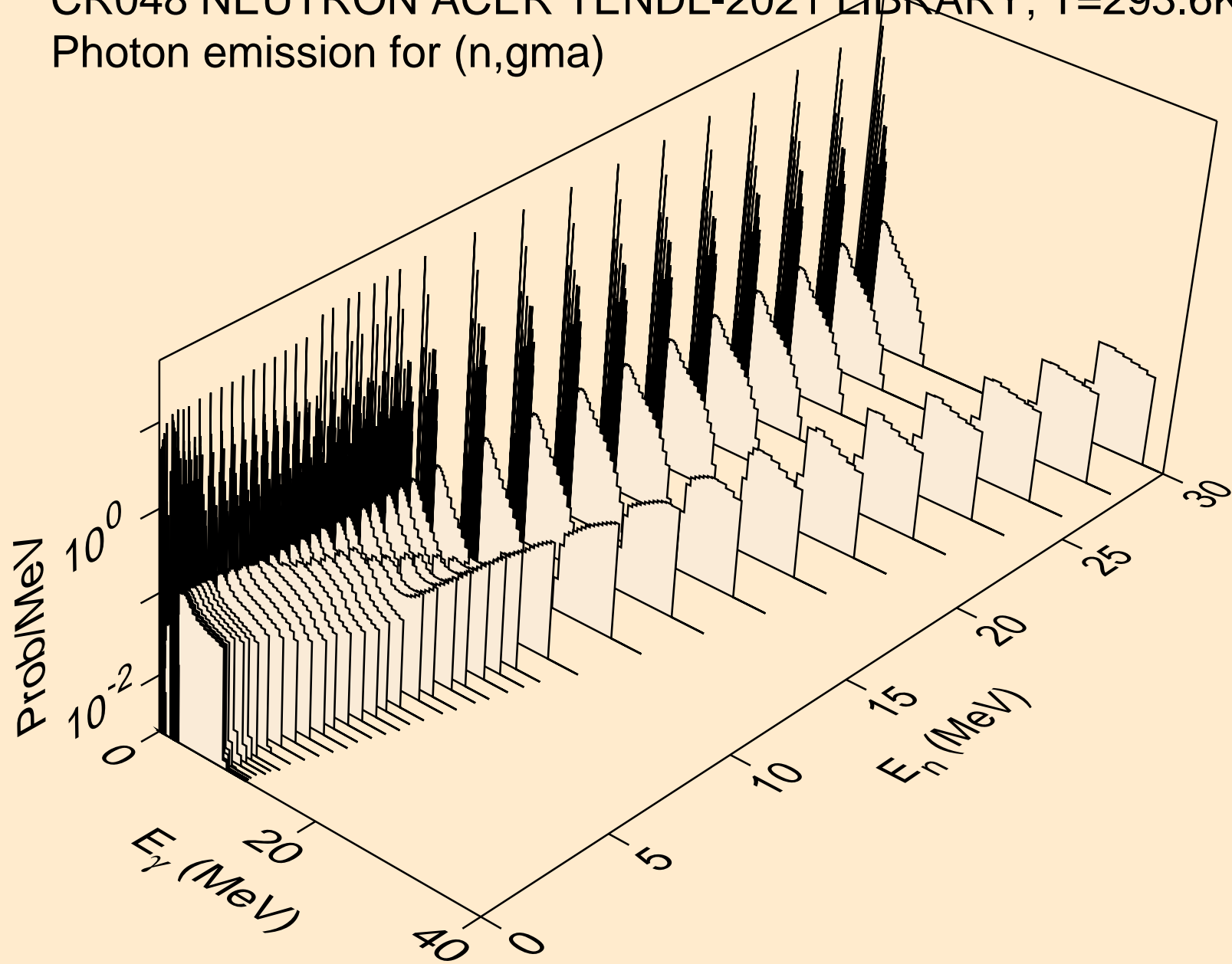
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



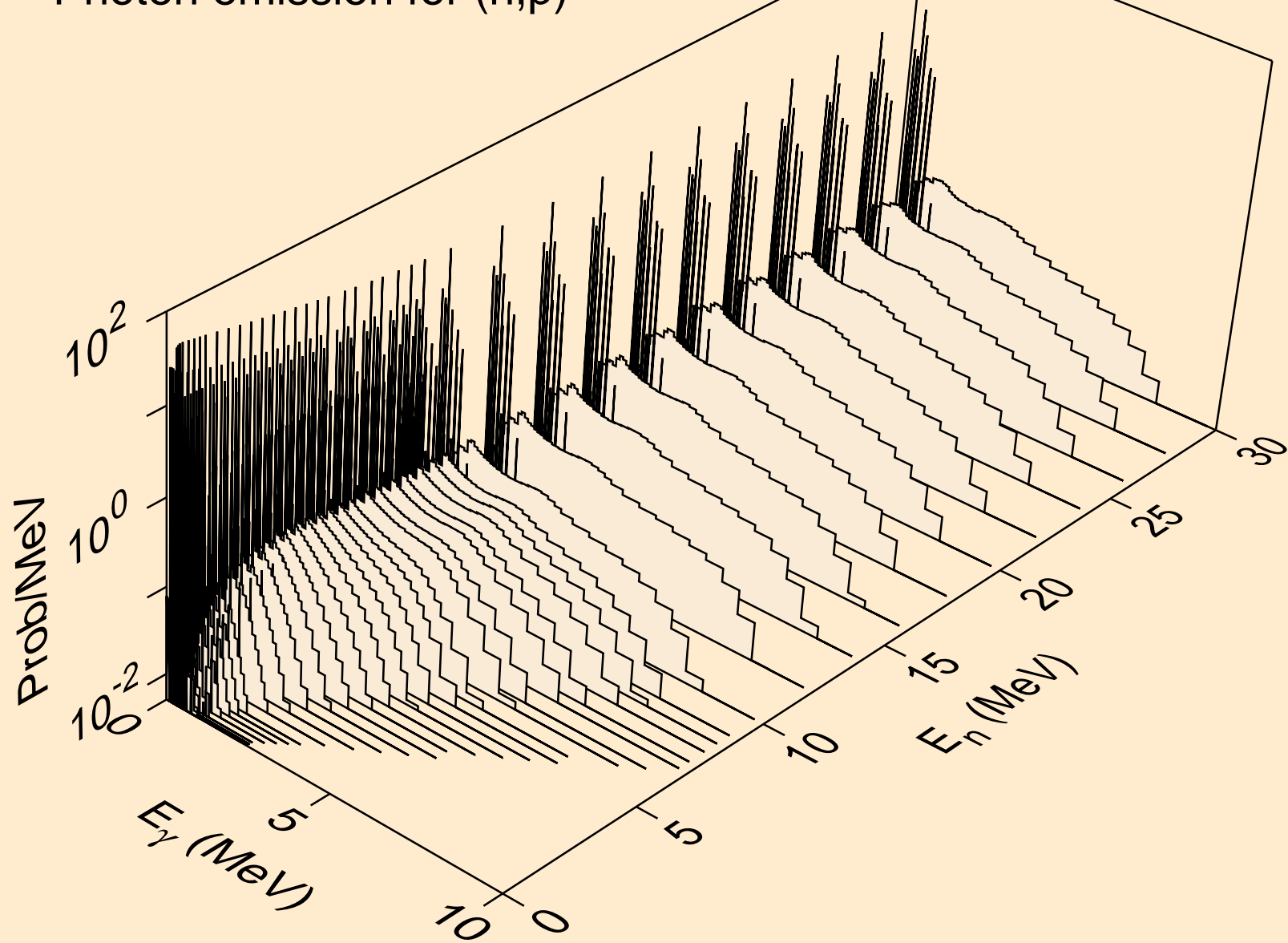
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



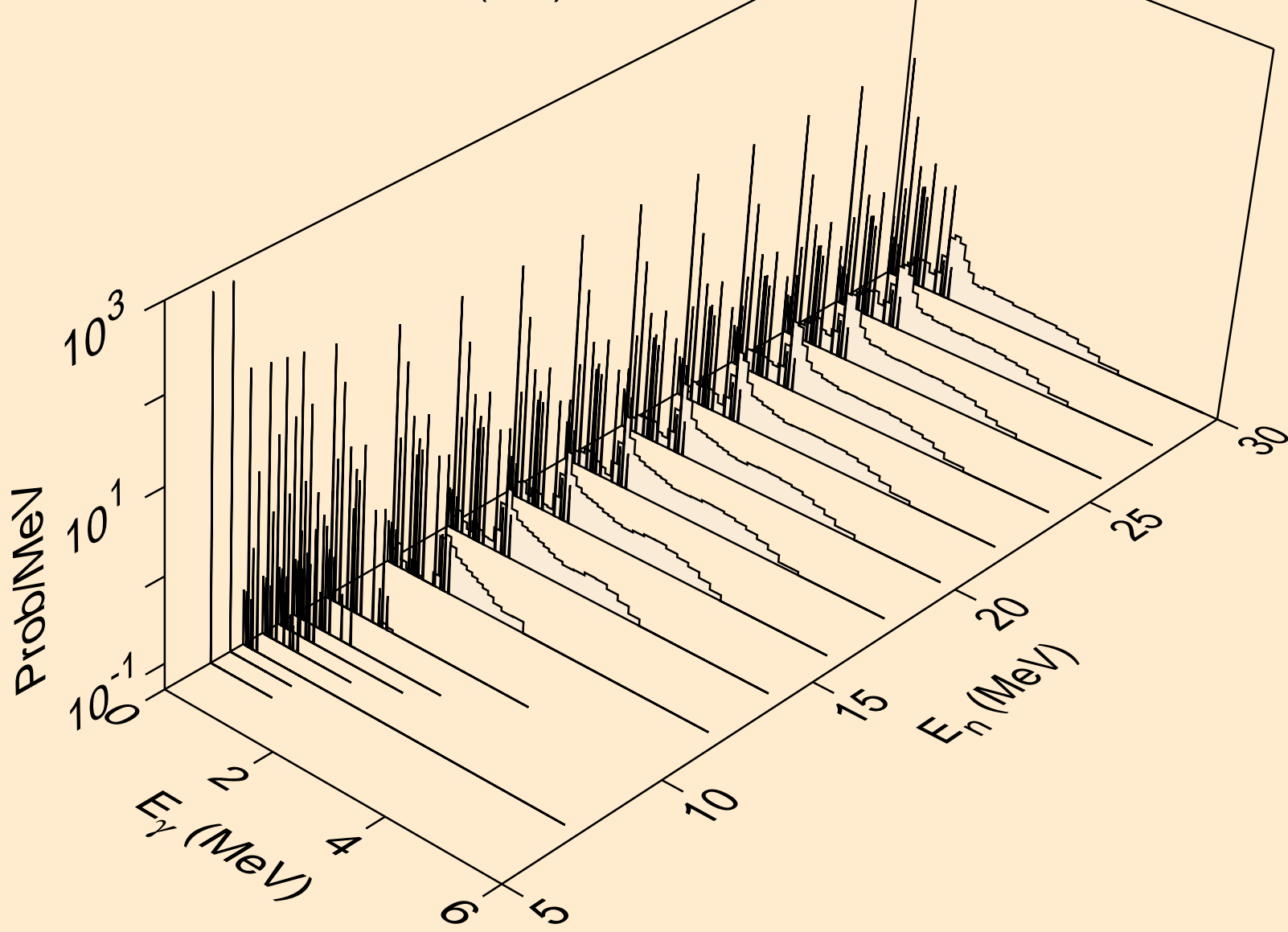
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



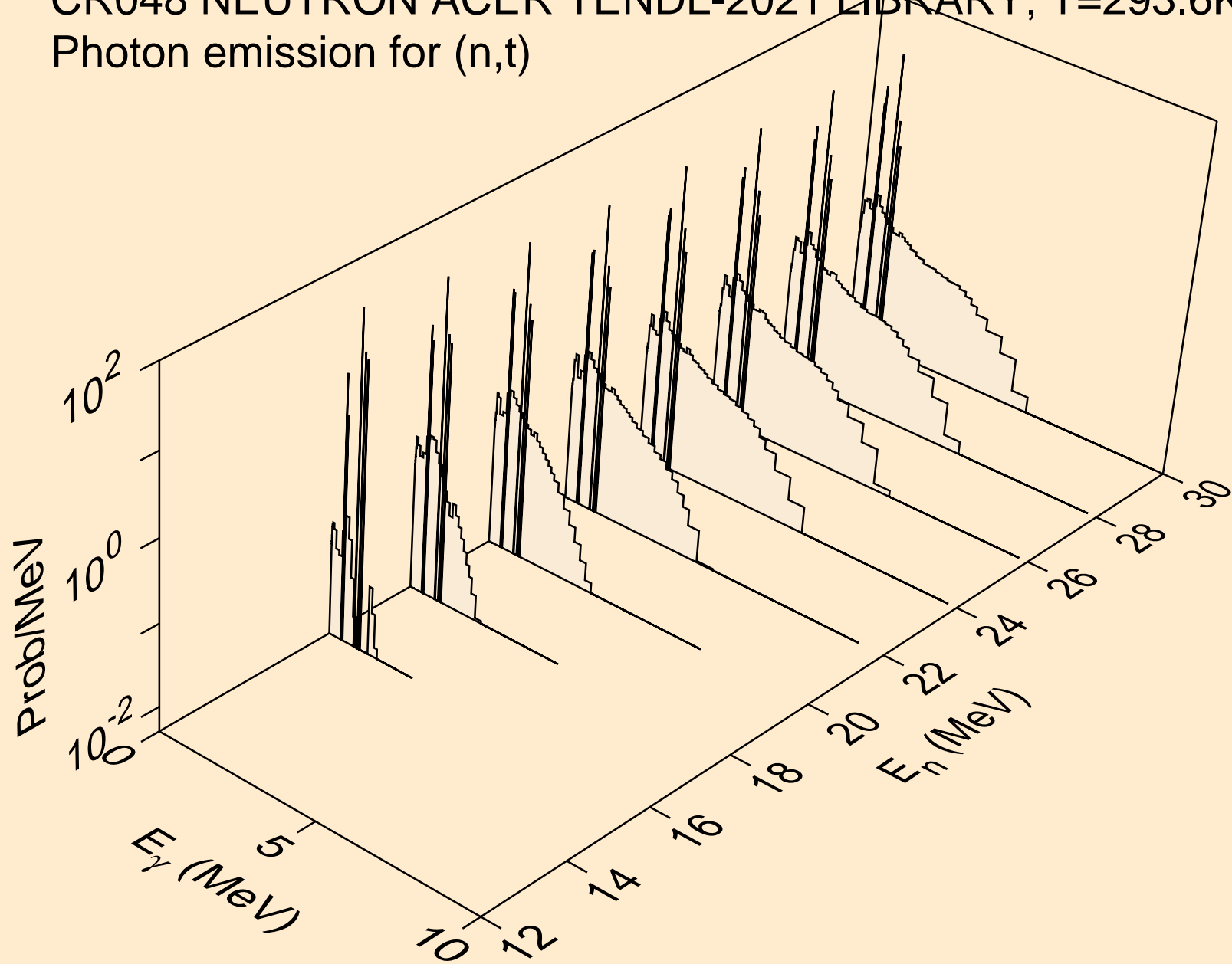
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



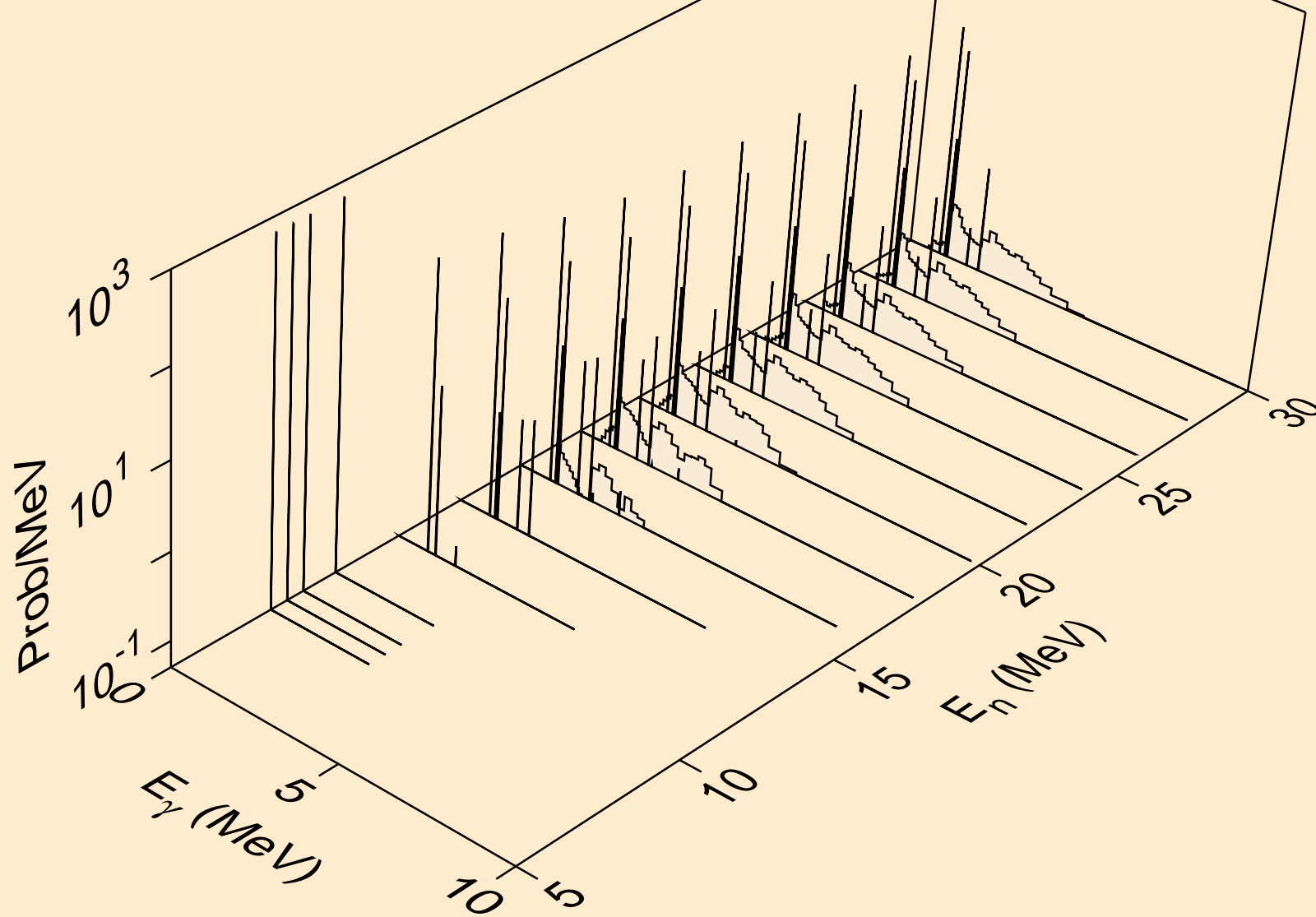
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

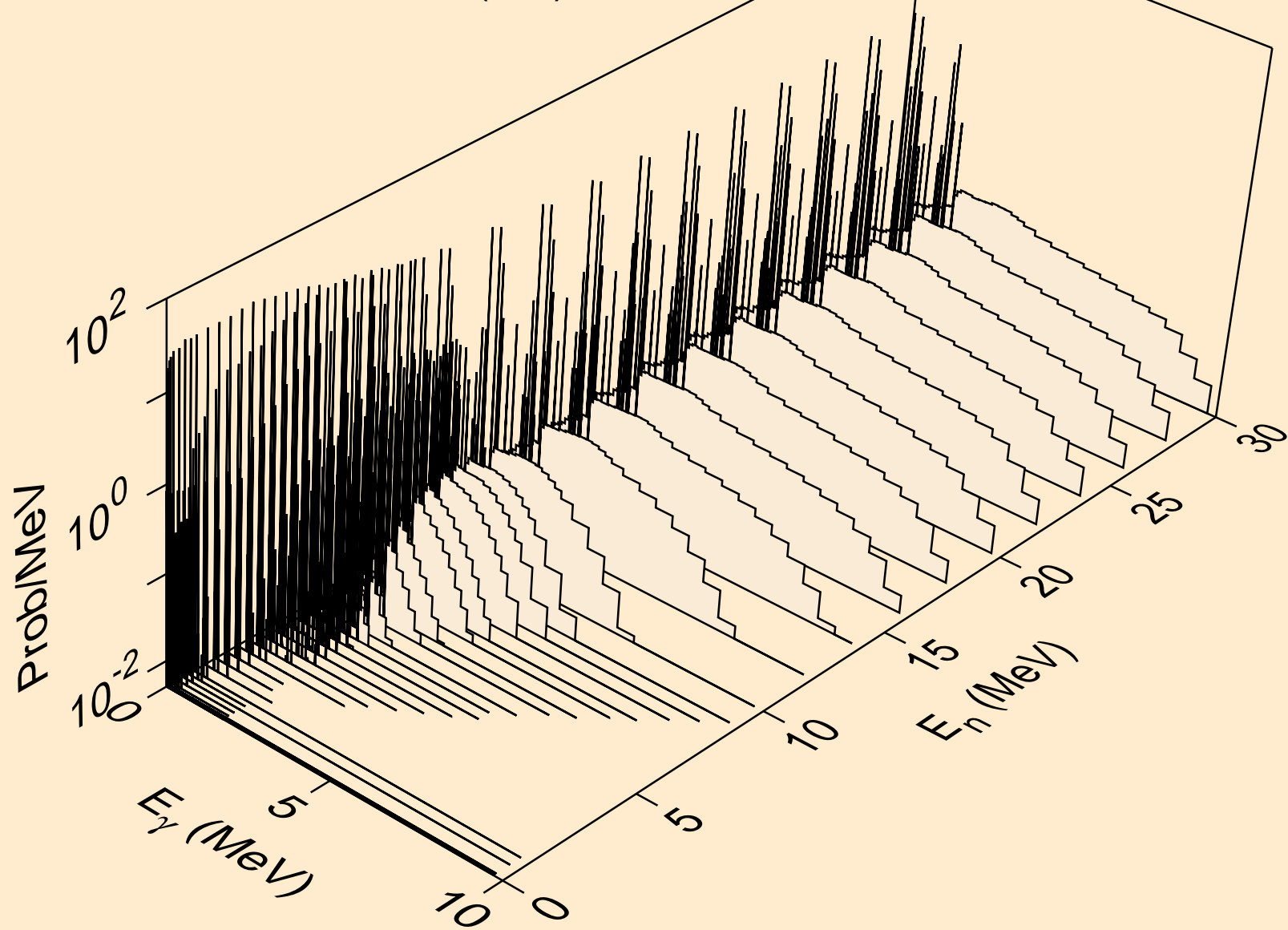


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

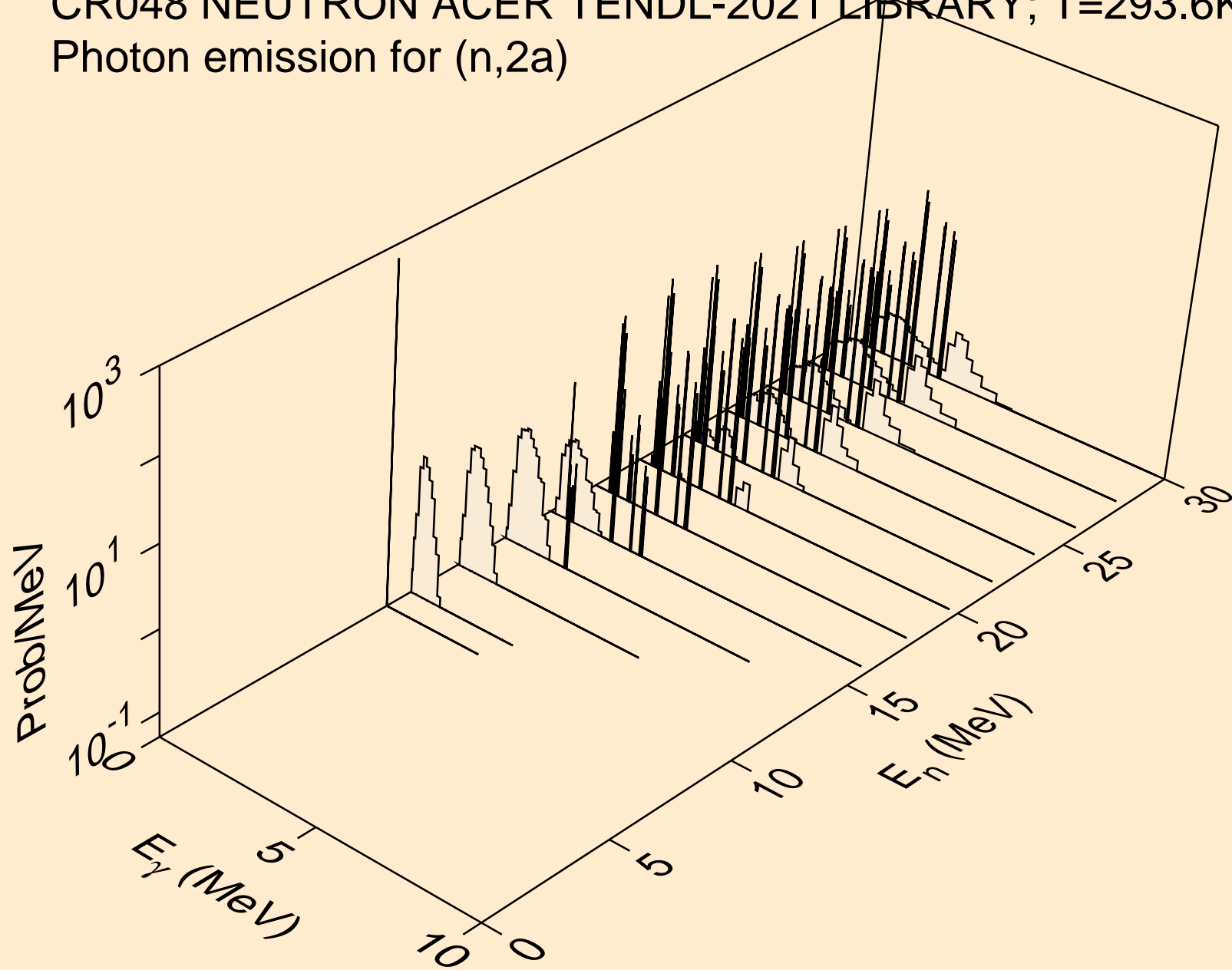




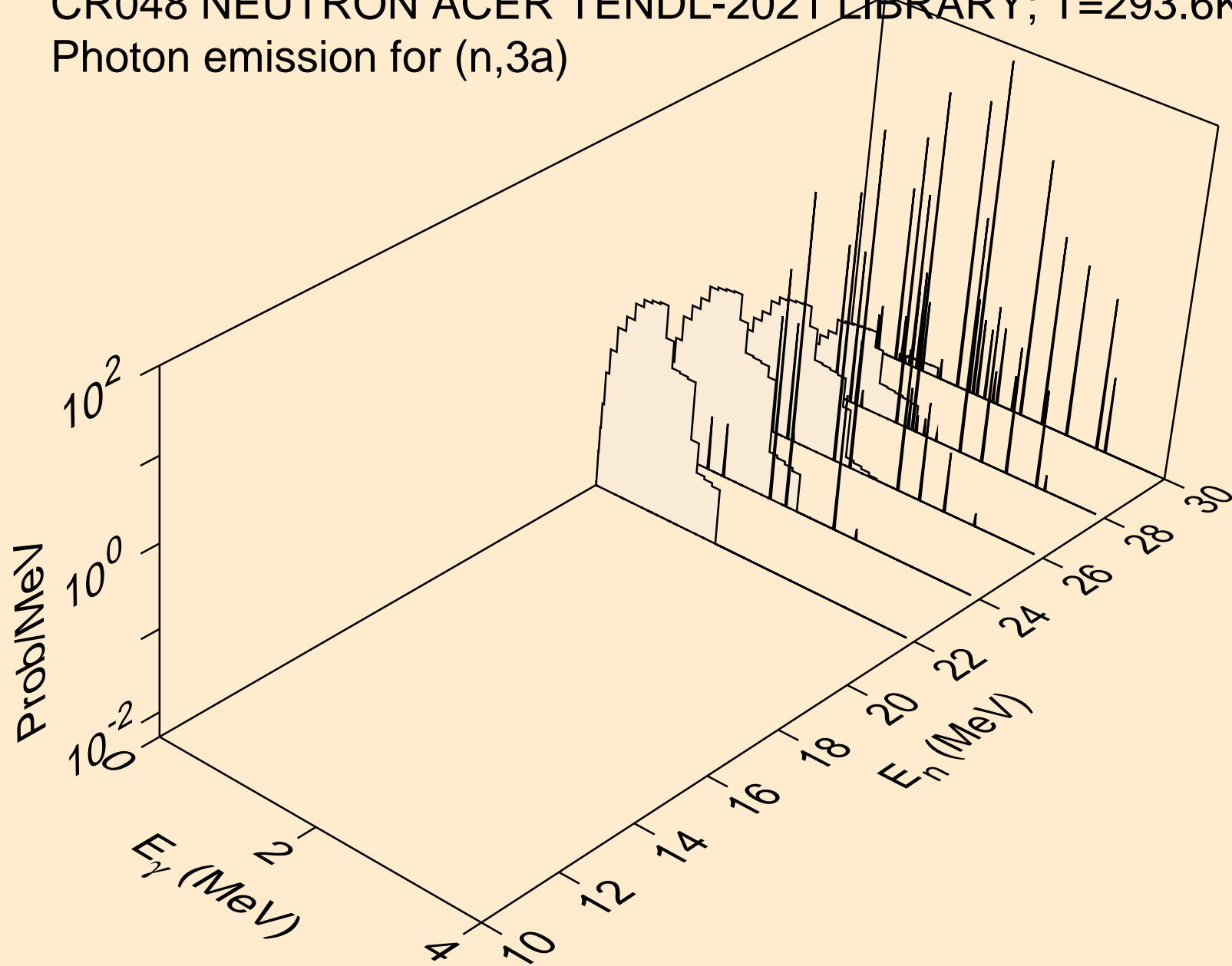
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



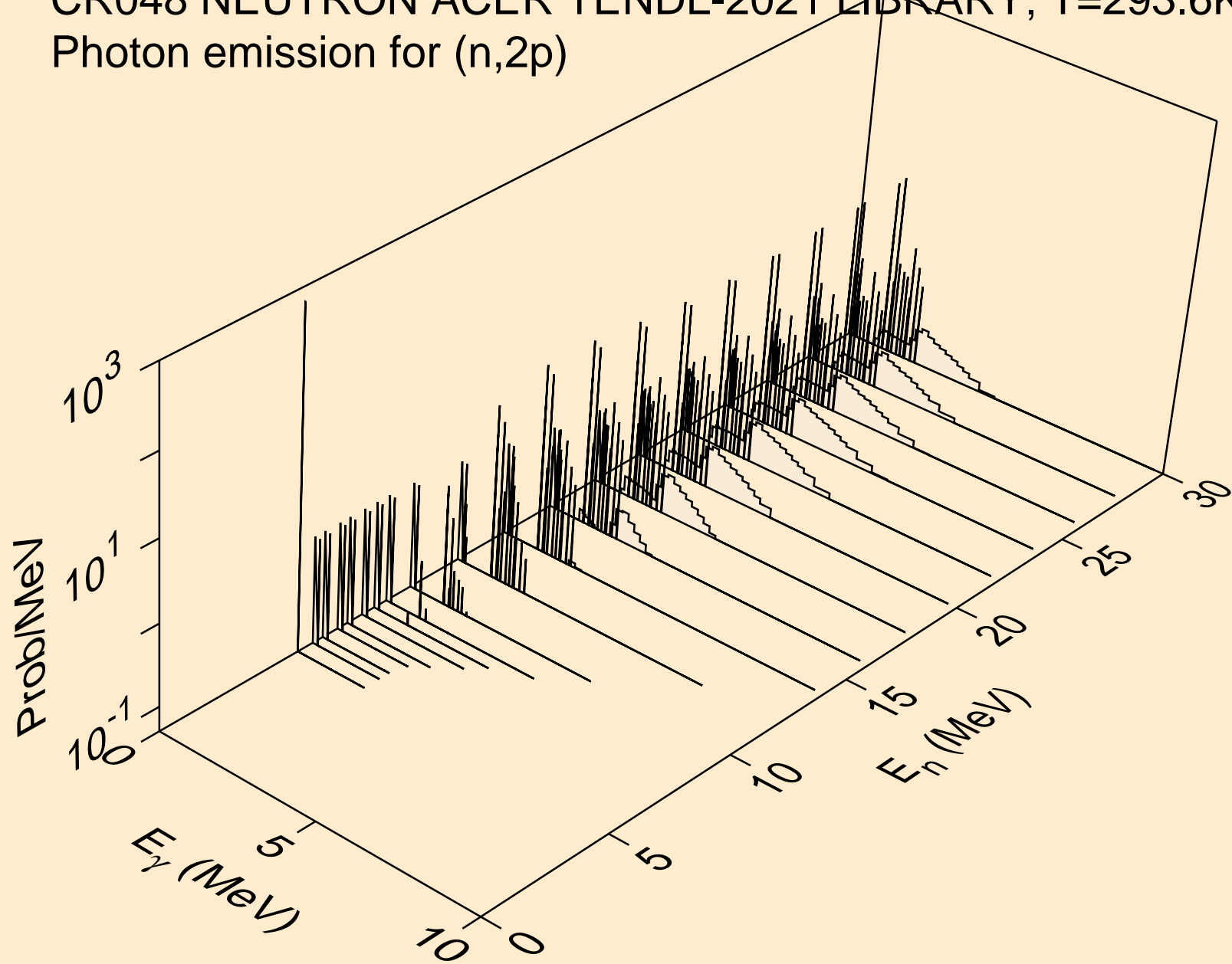
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



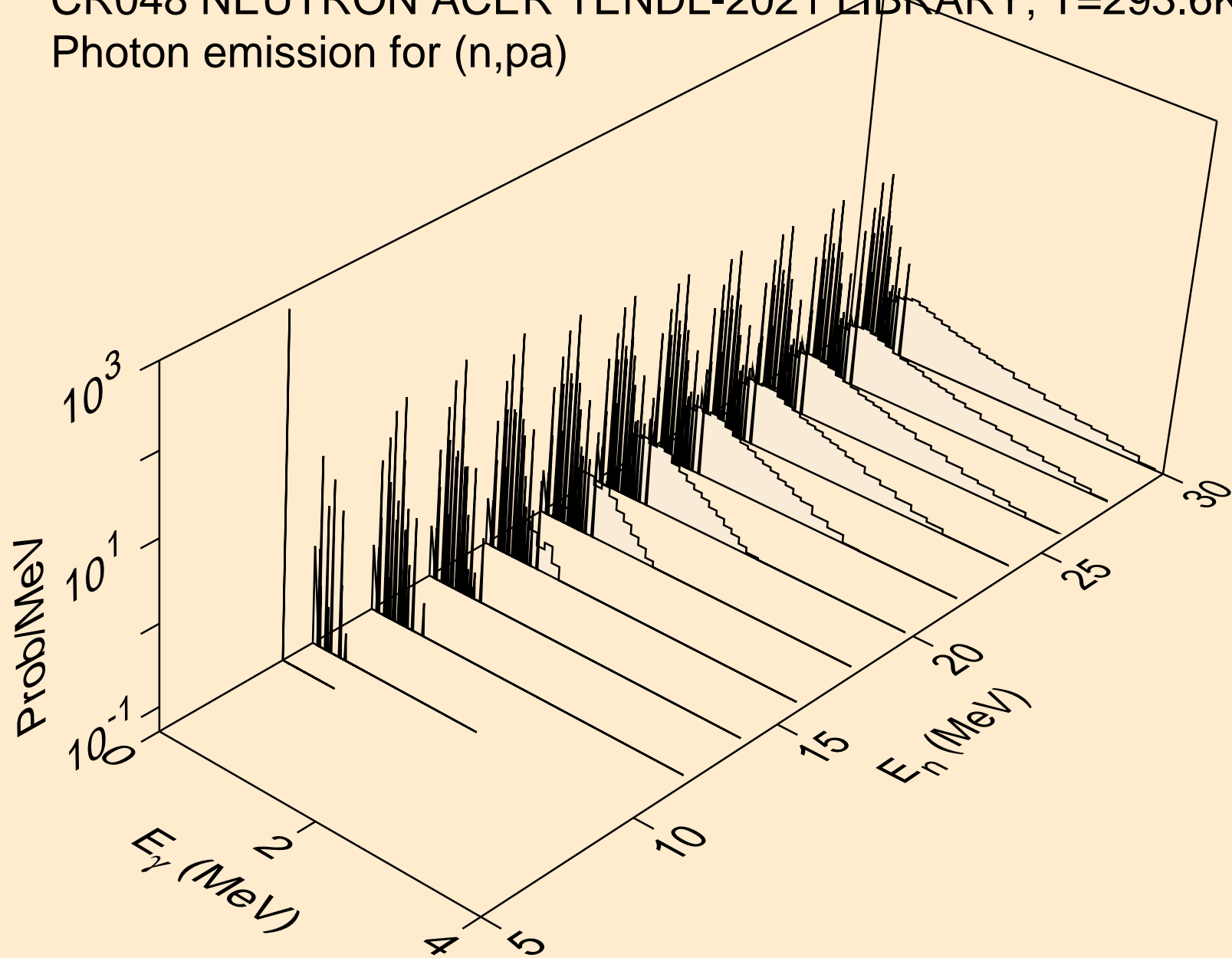
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)



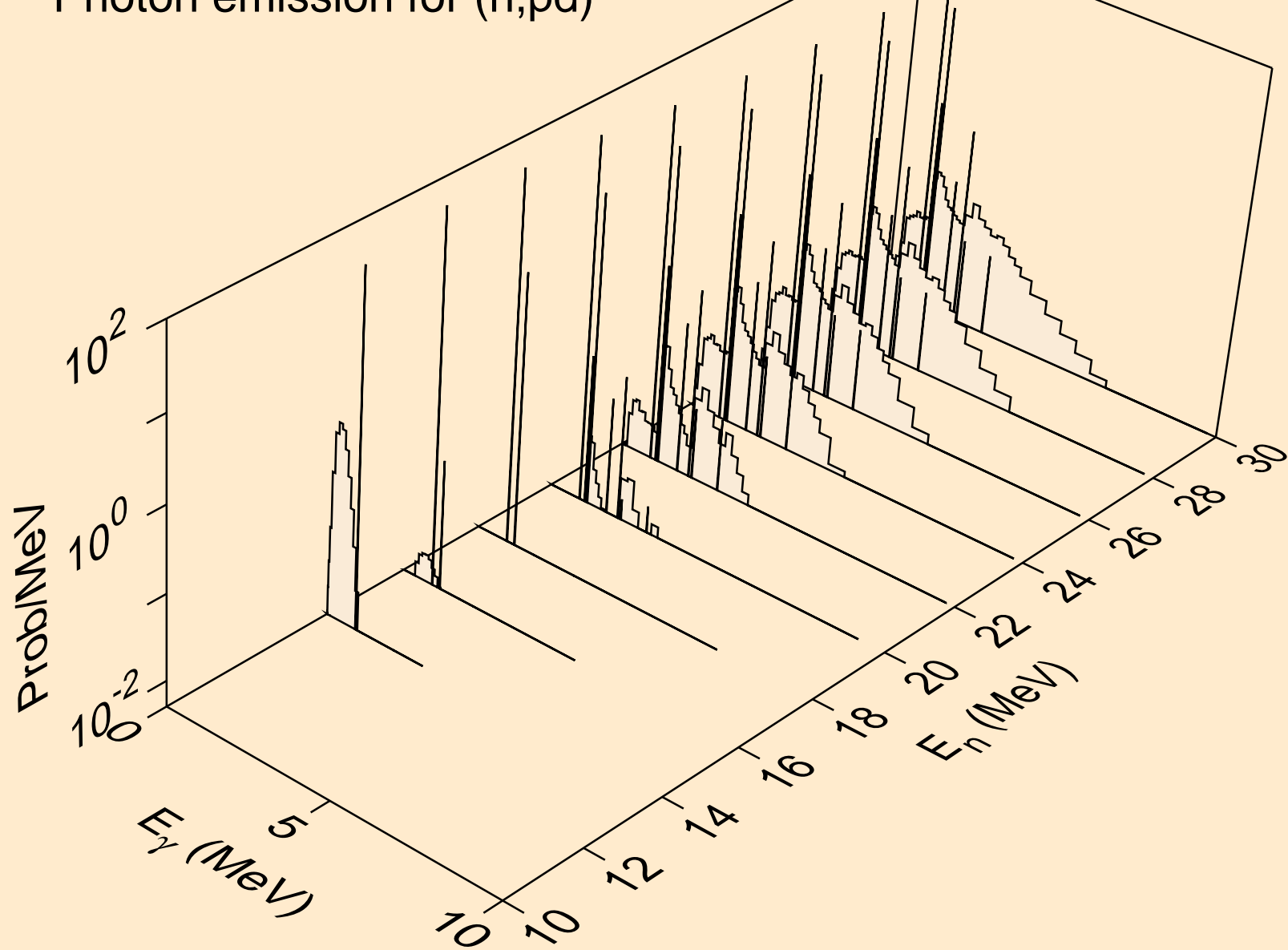
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



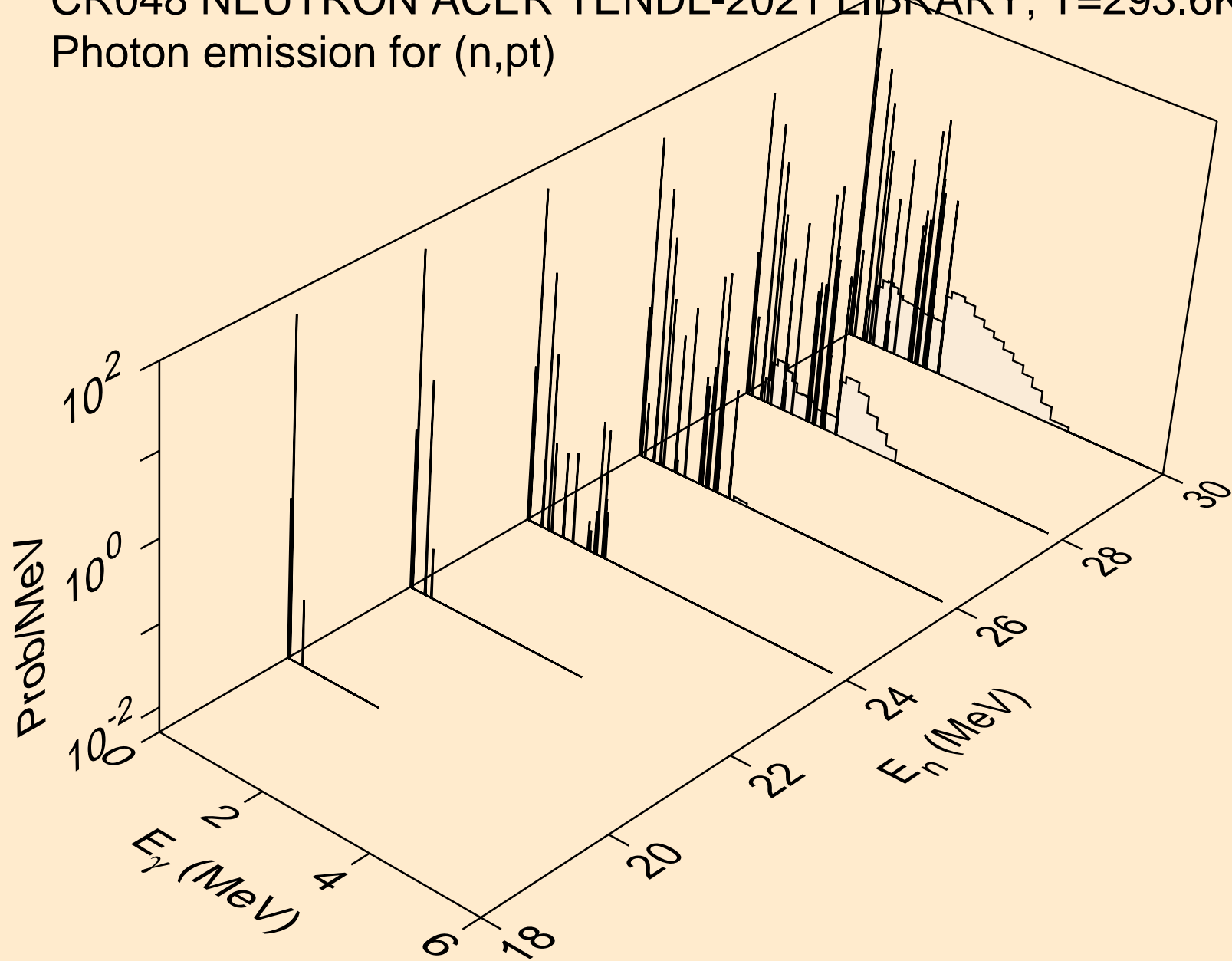
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



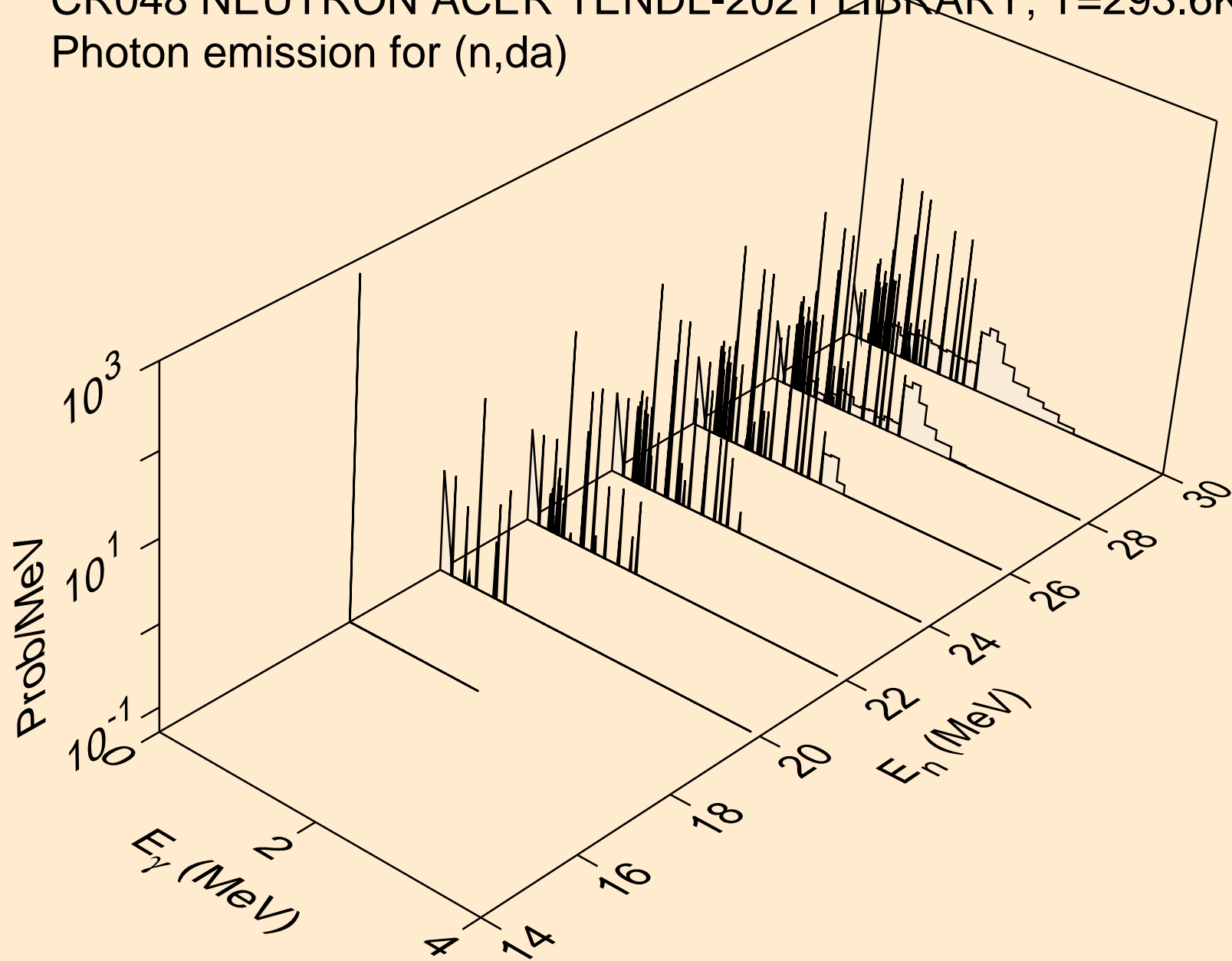
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

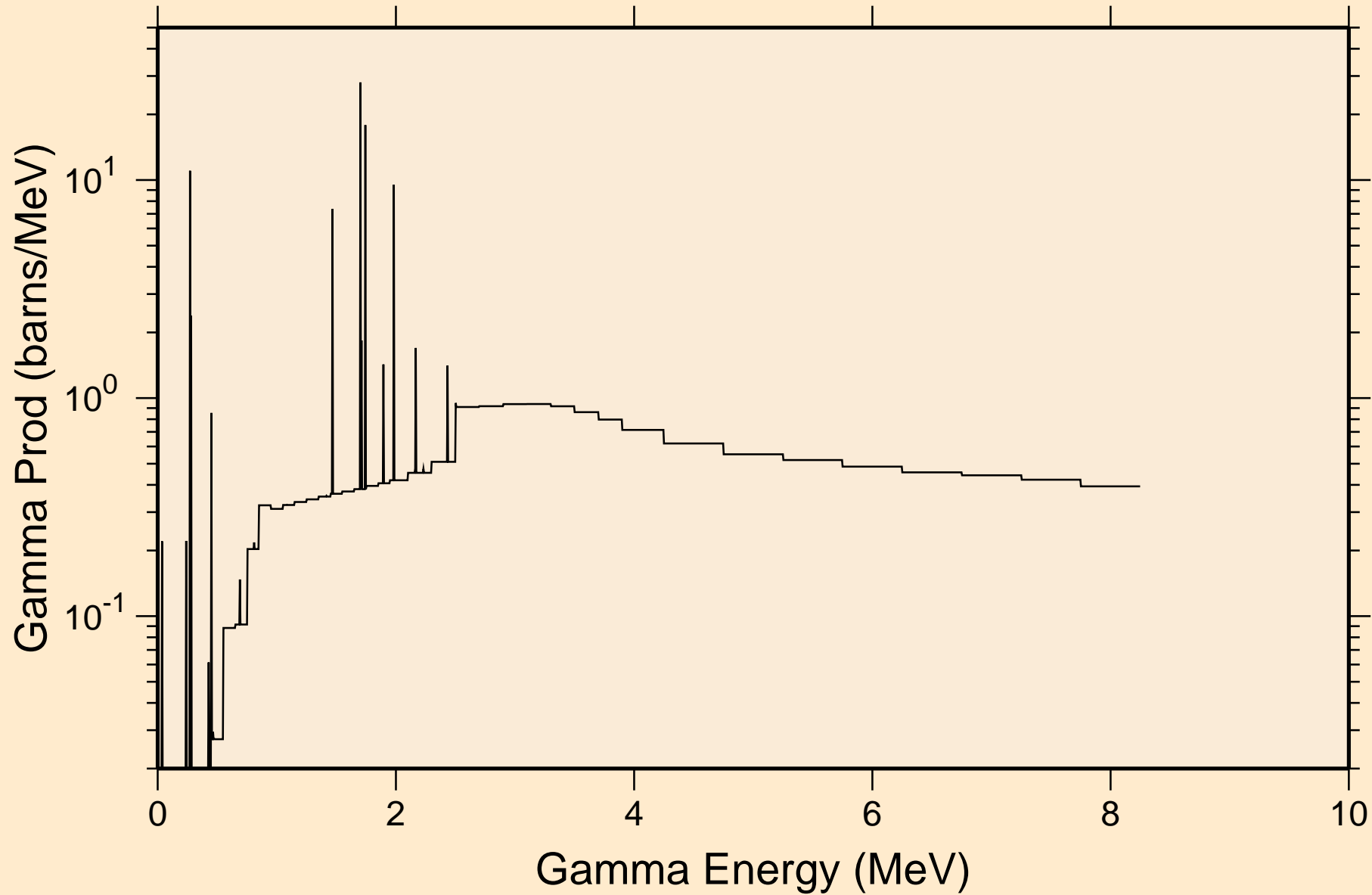


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)

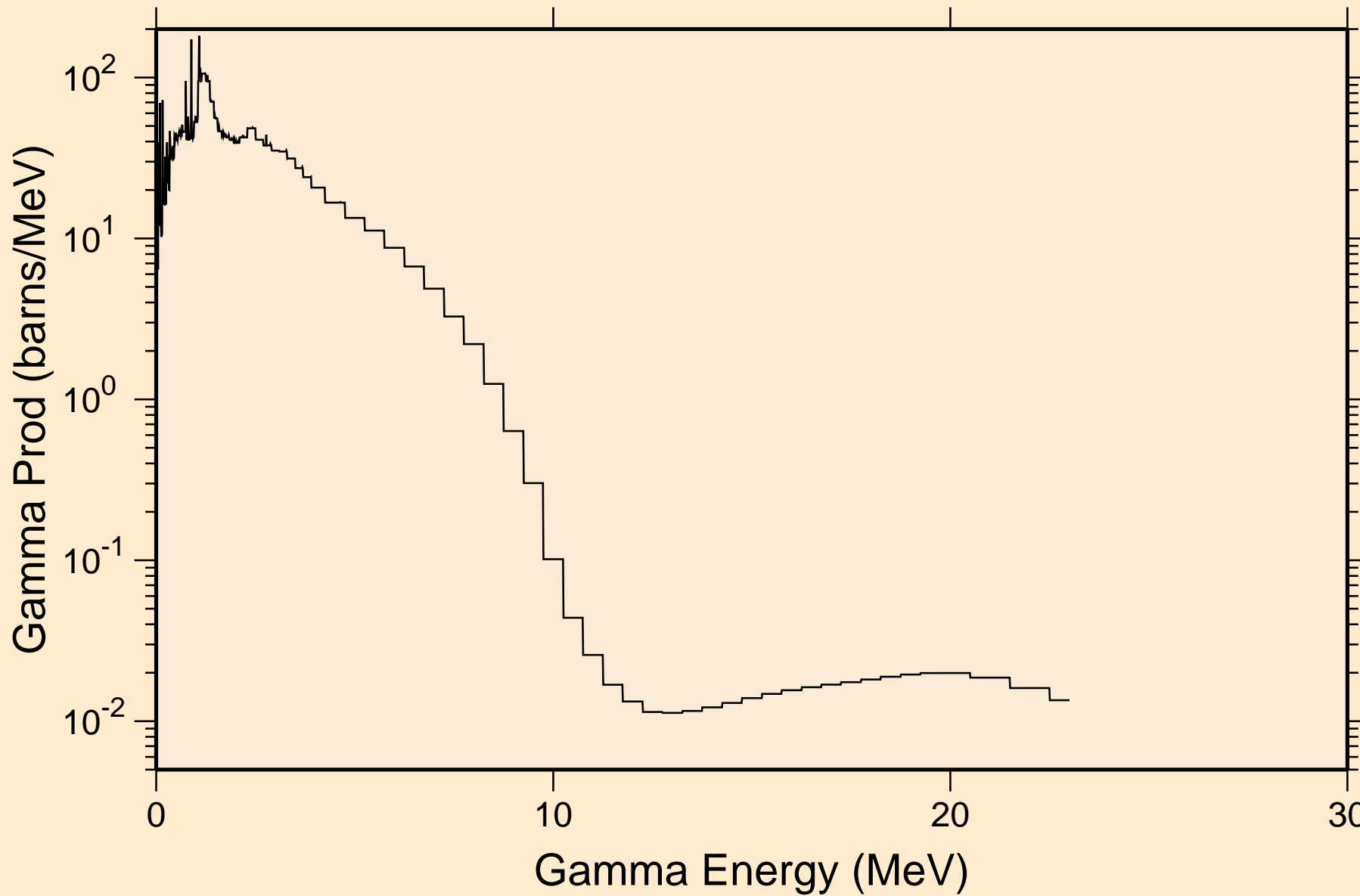




CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

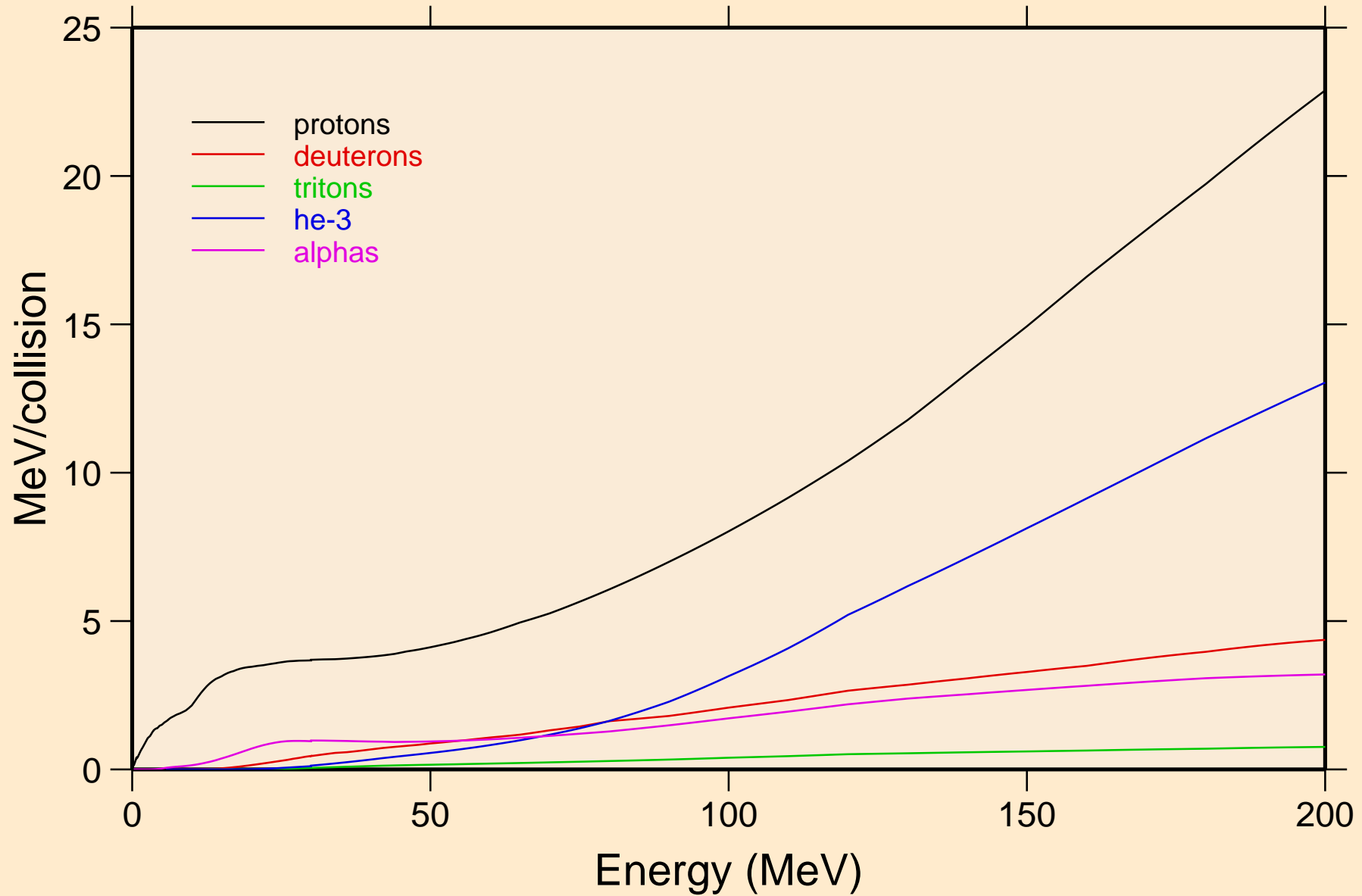


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

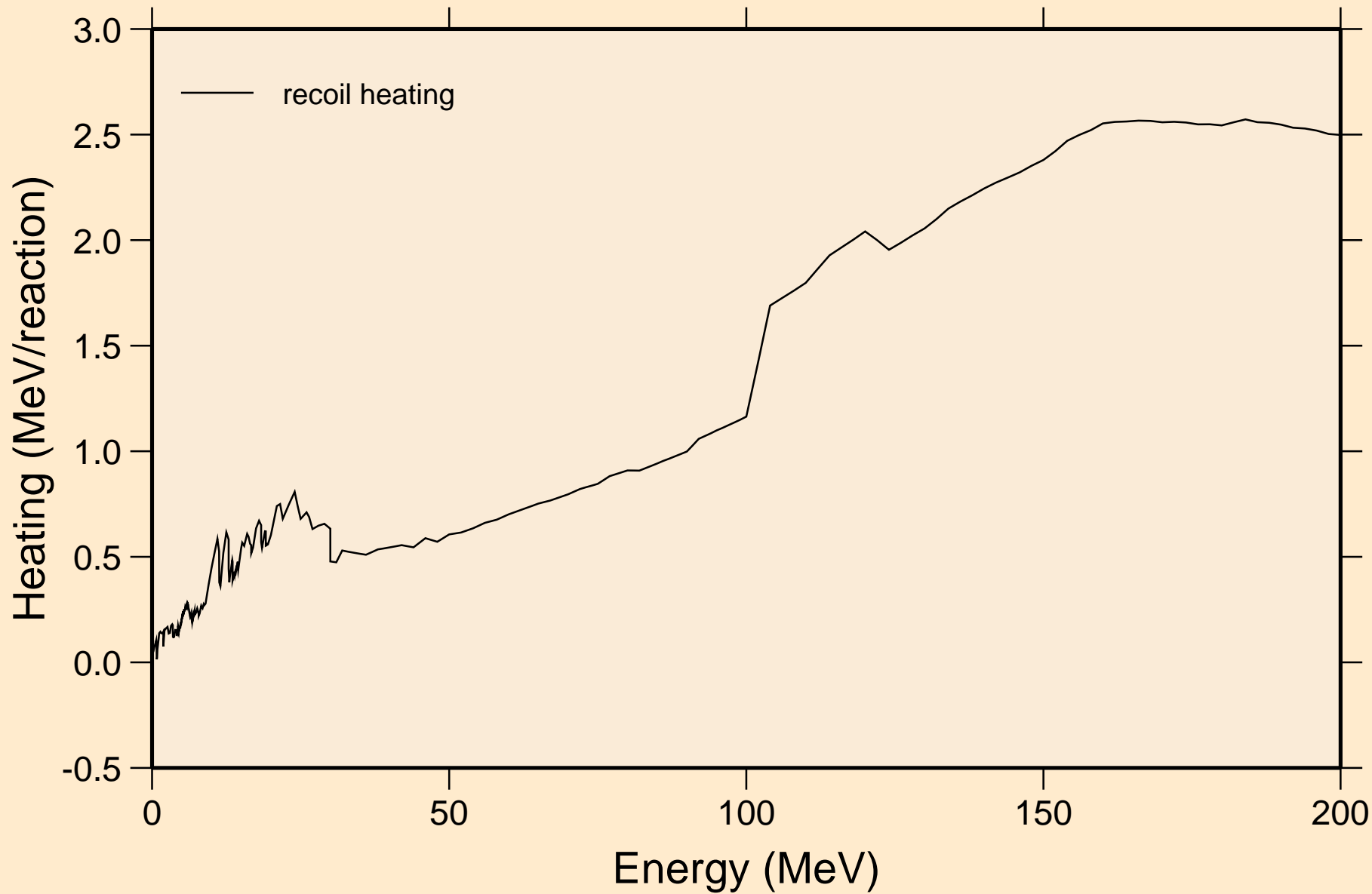


# CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

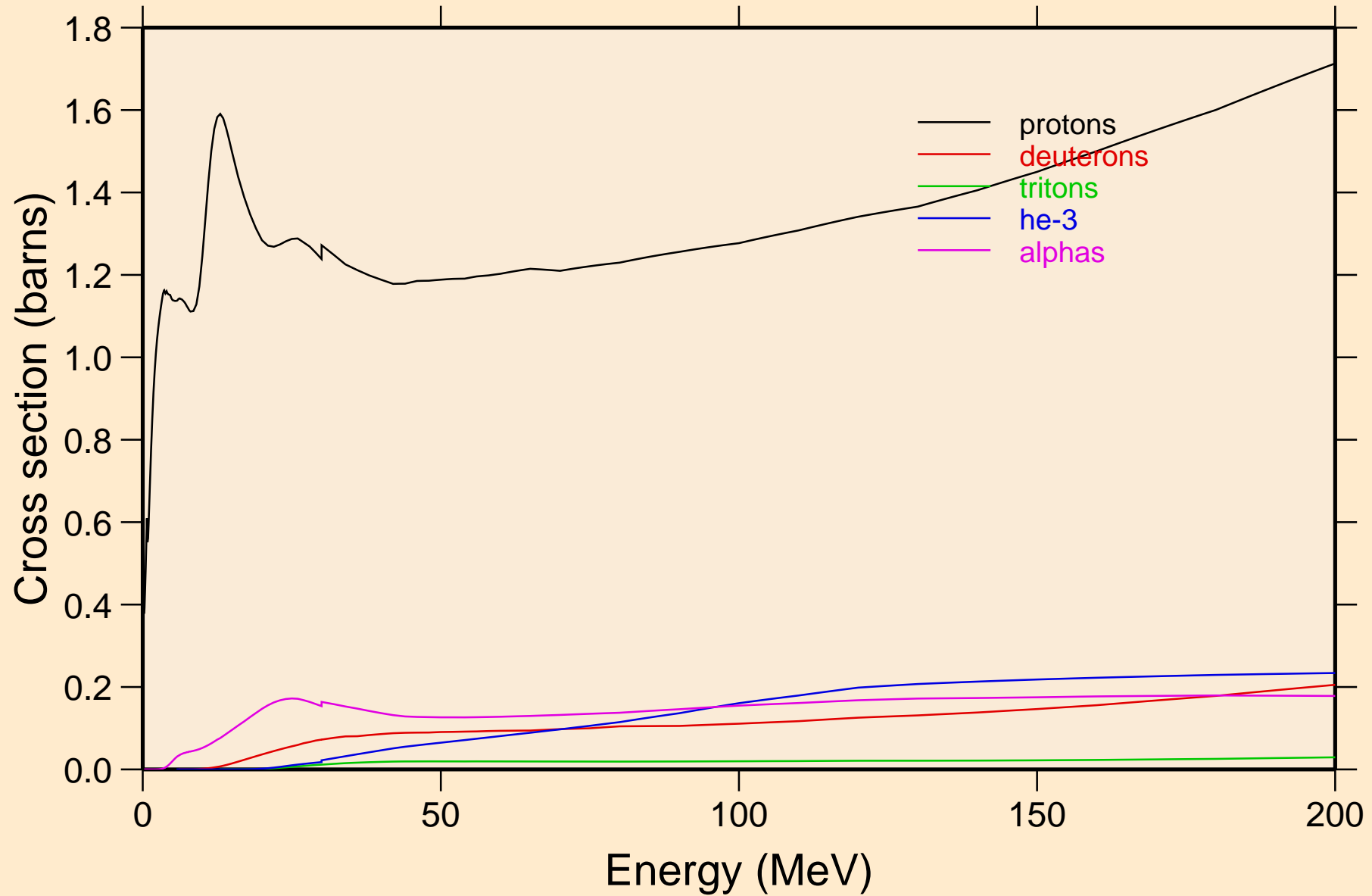


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

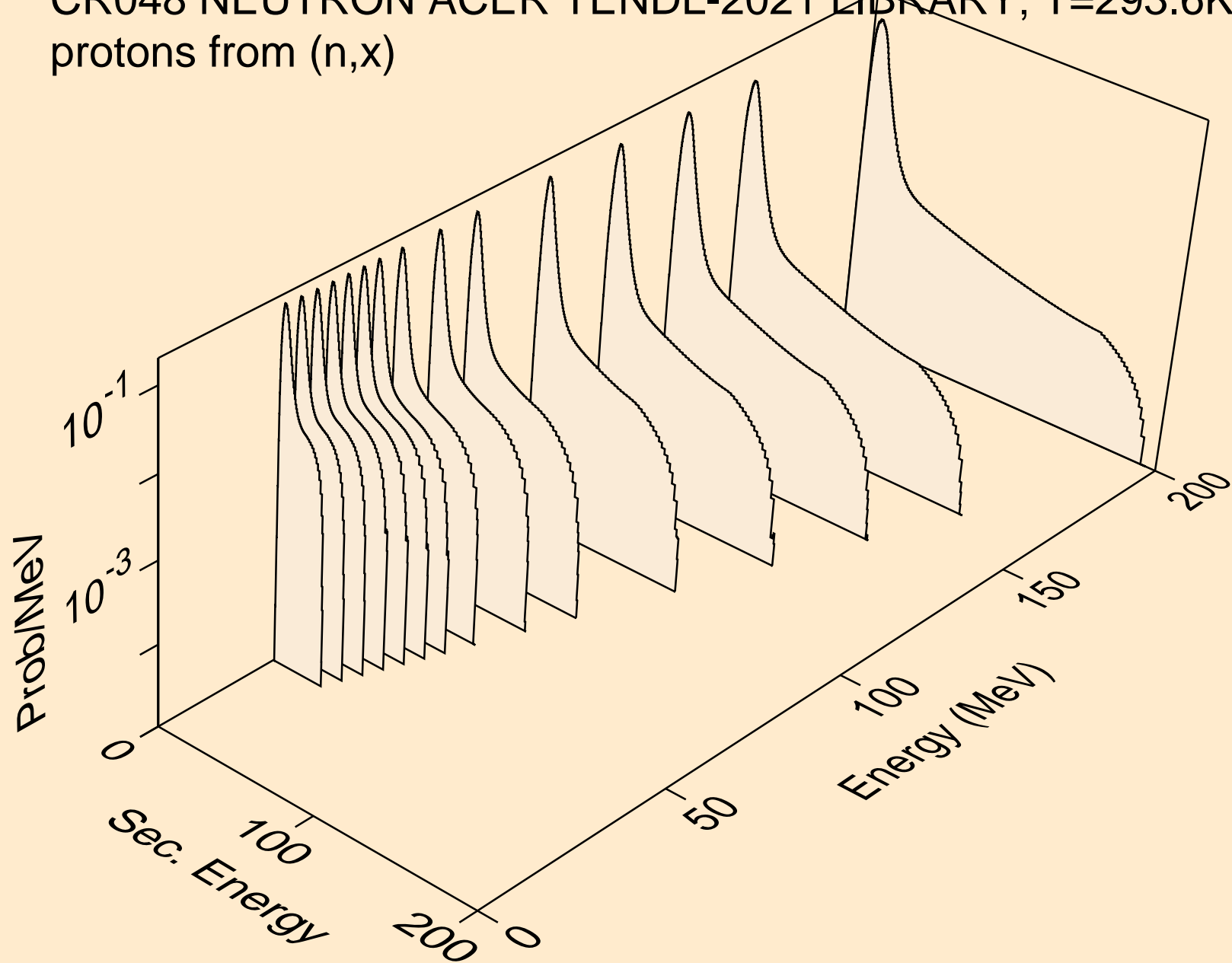


# CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

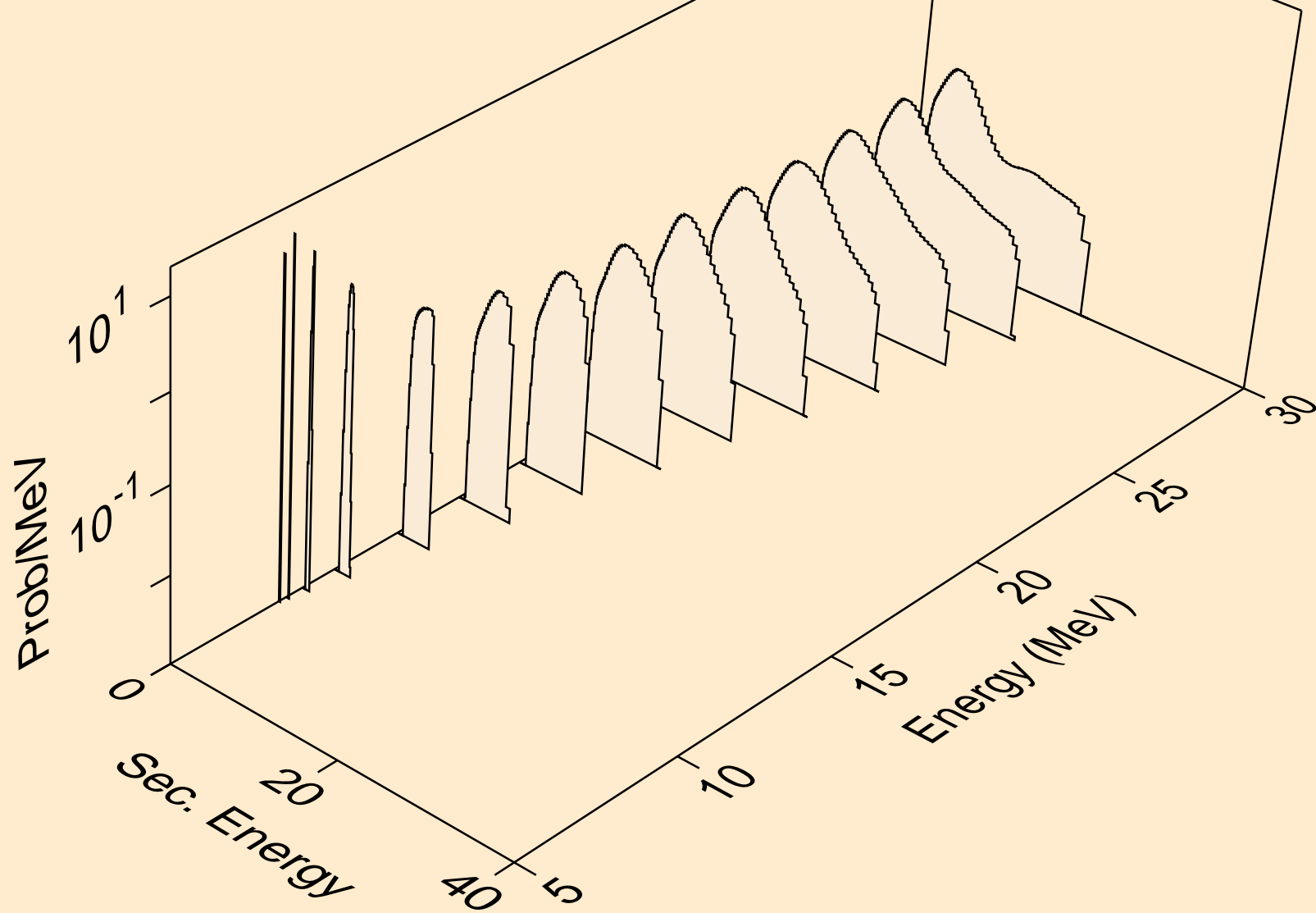
## Particle production cross sections



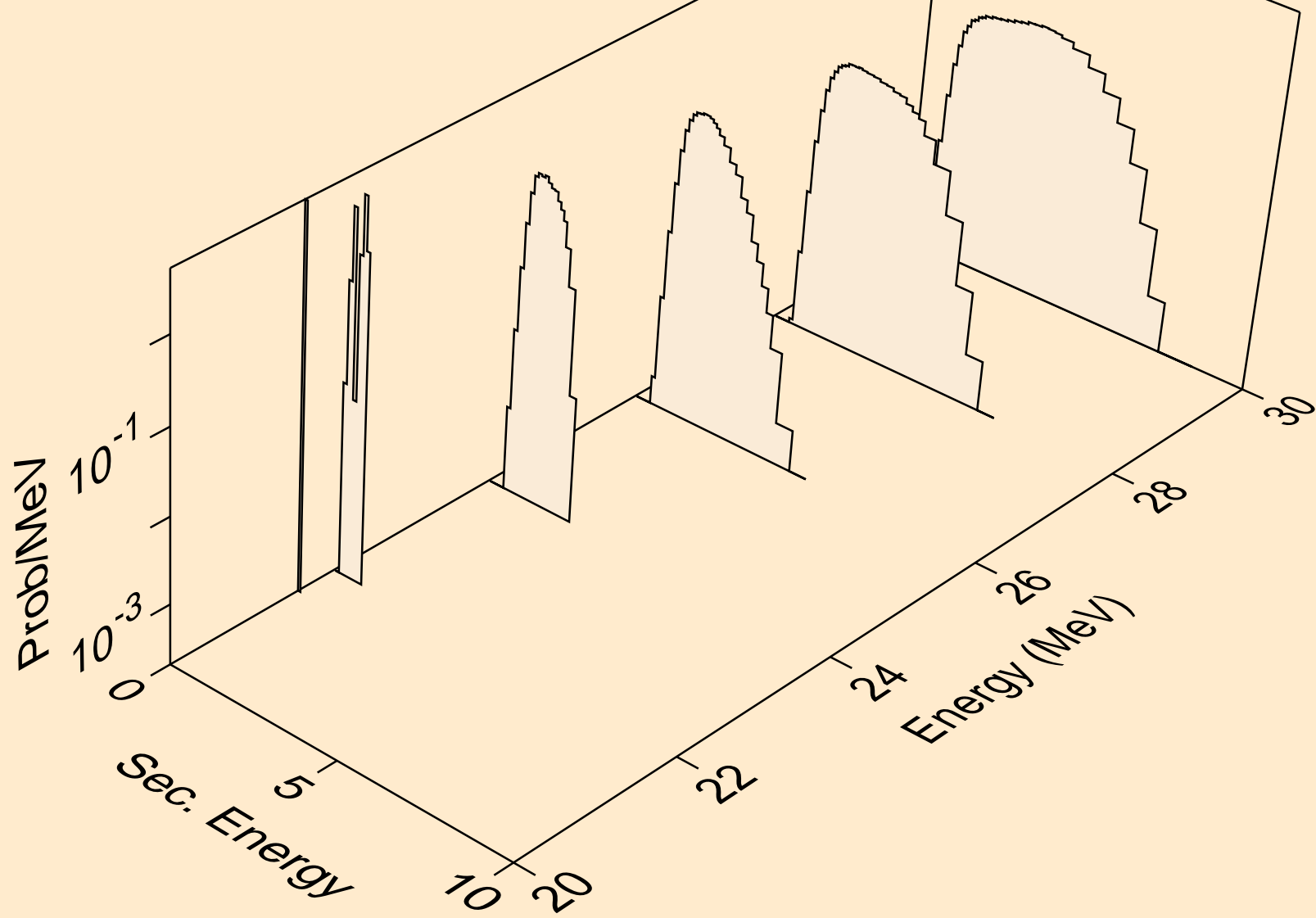
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

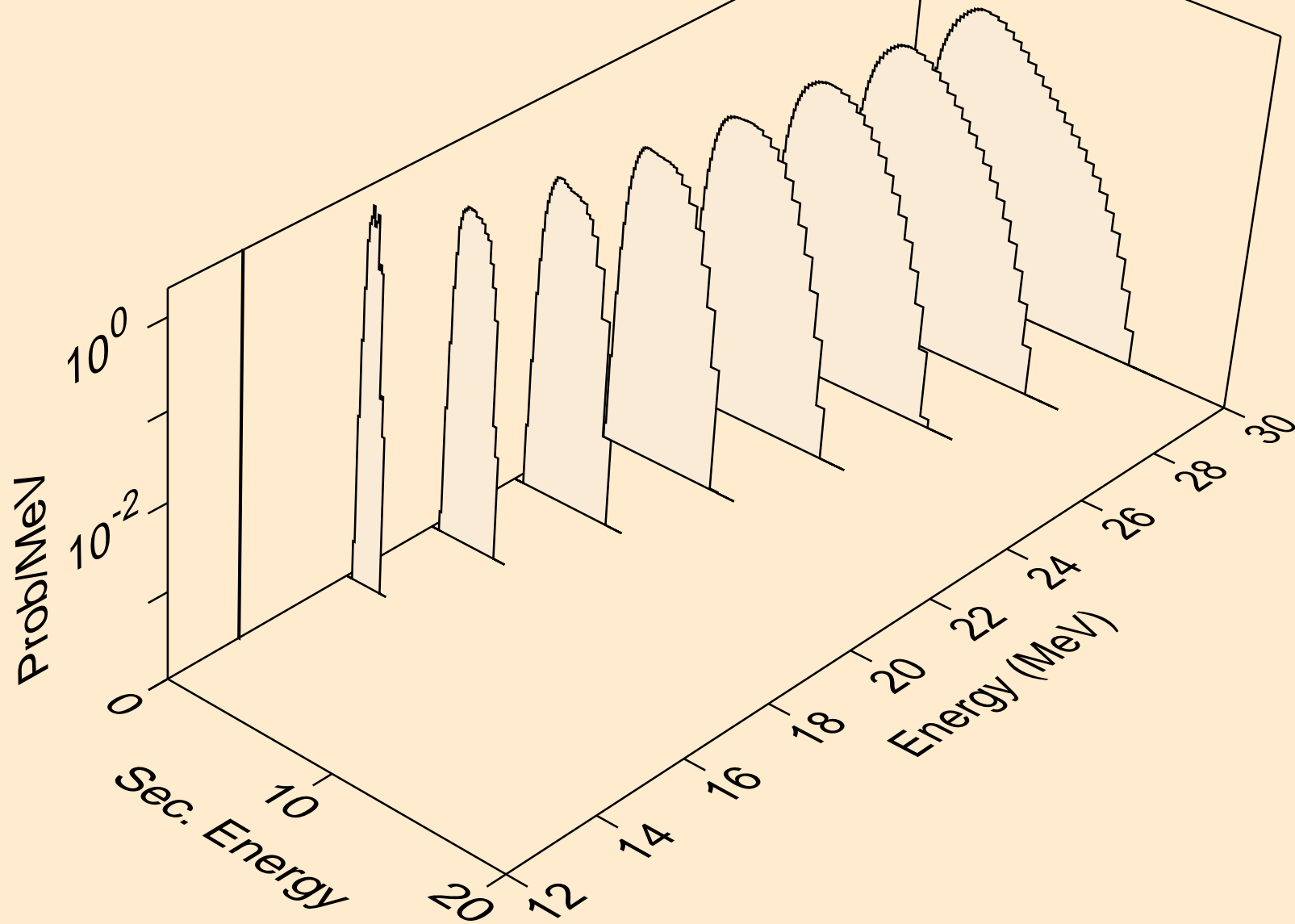


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

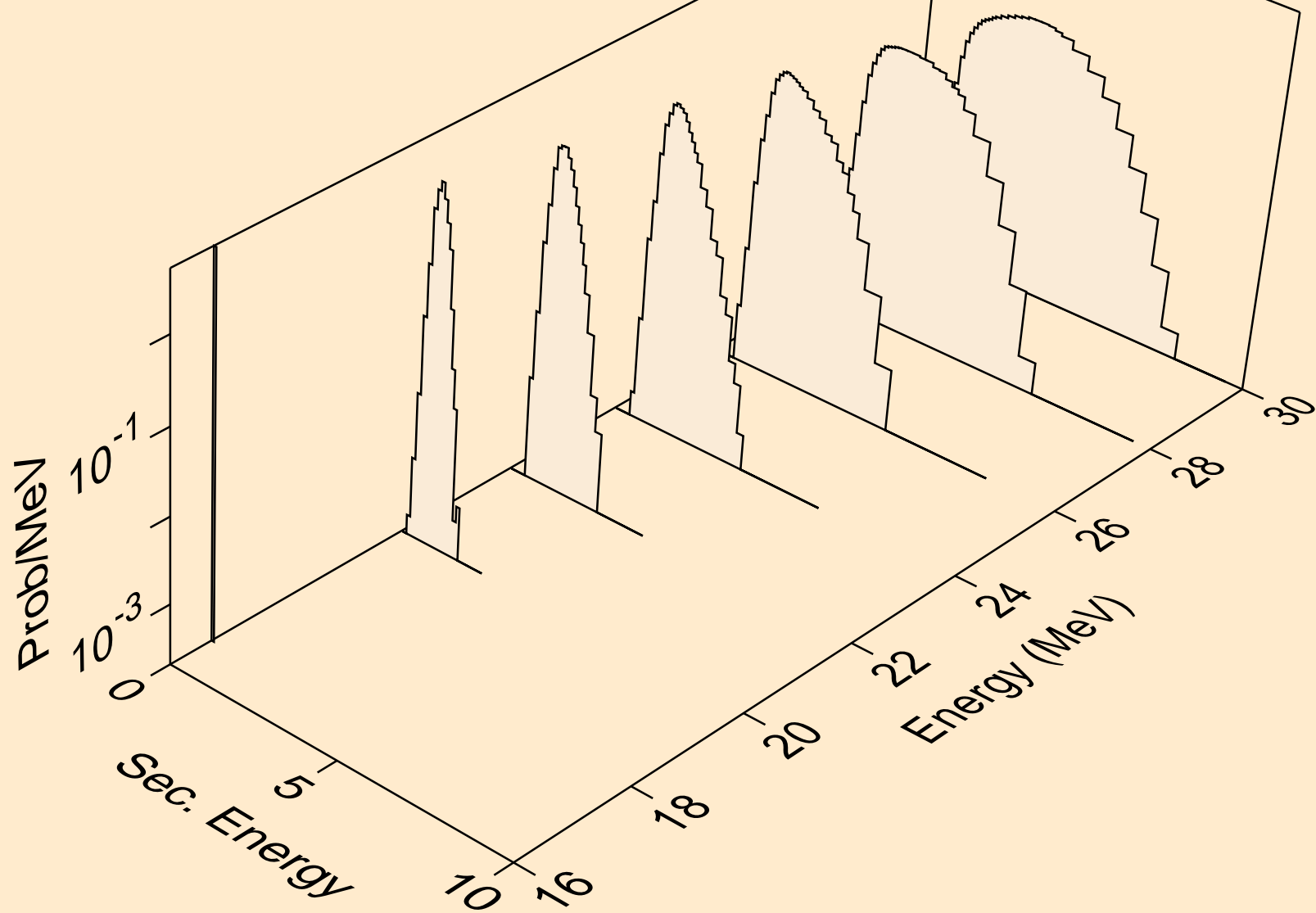




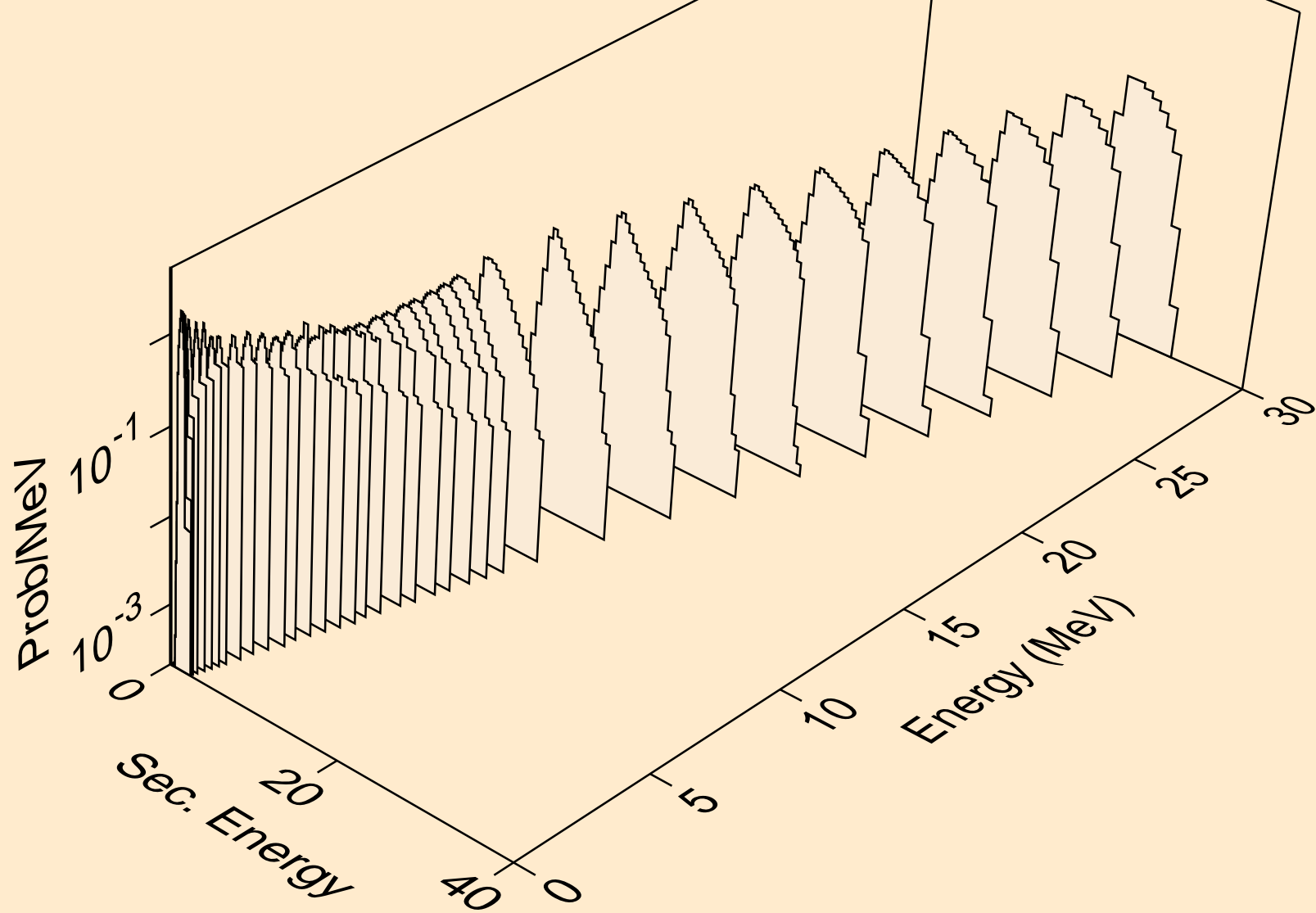
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



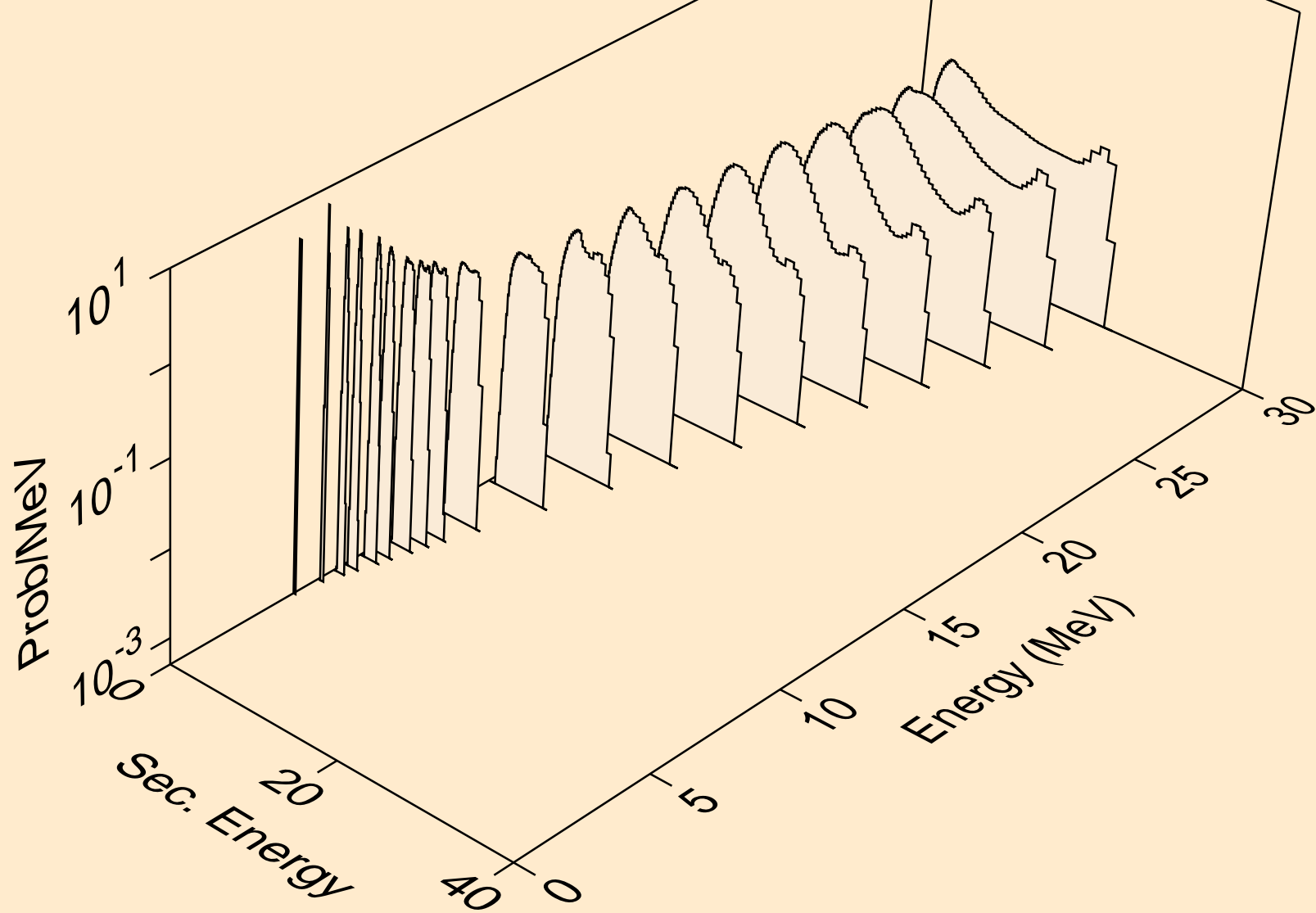
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



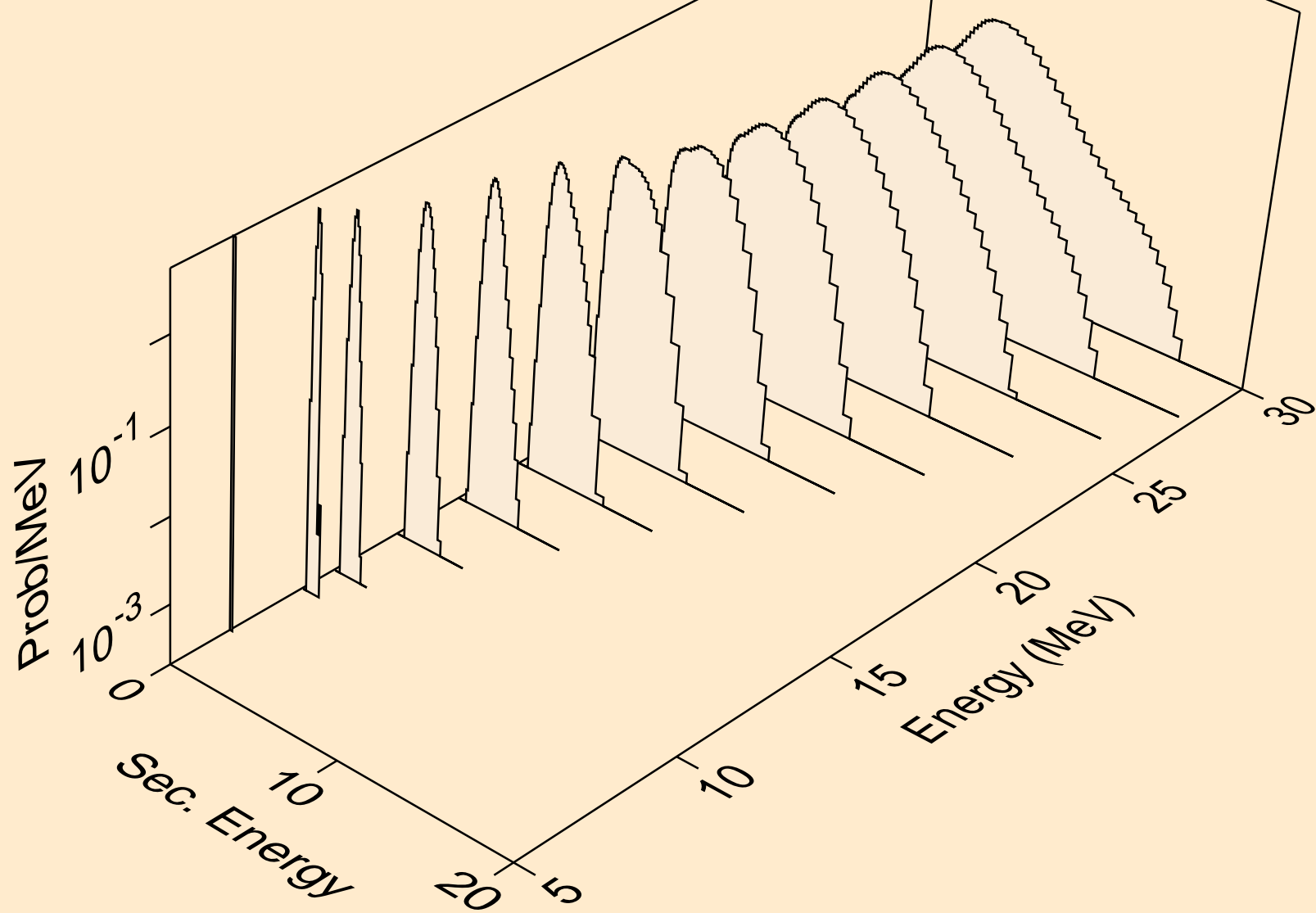
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



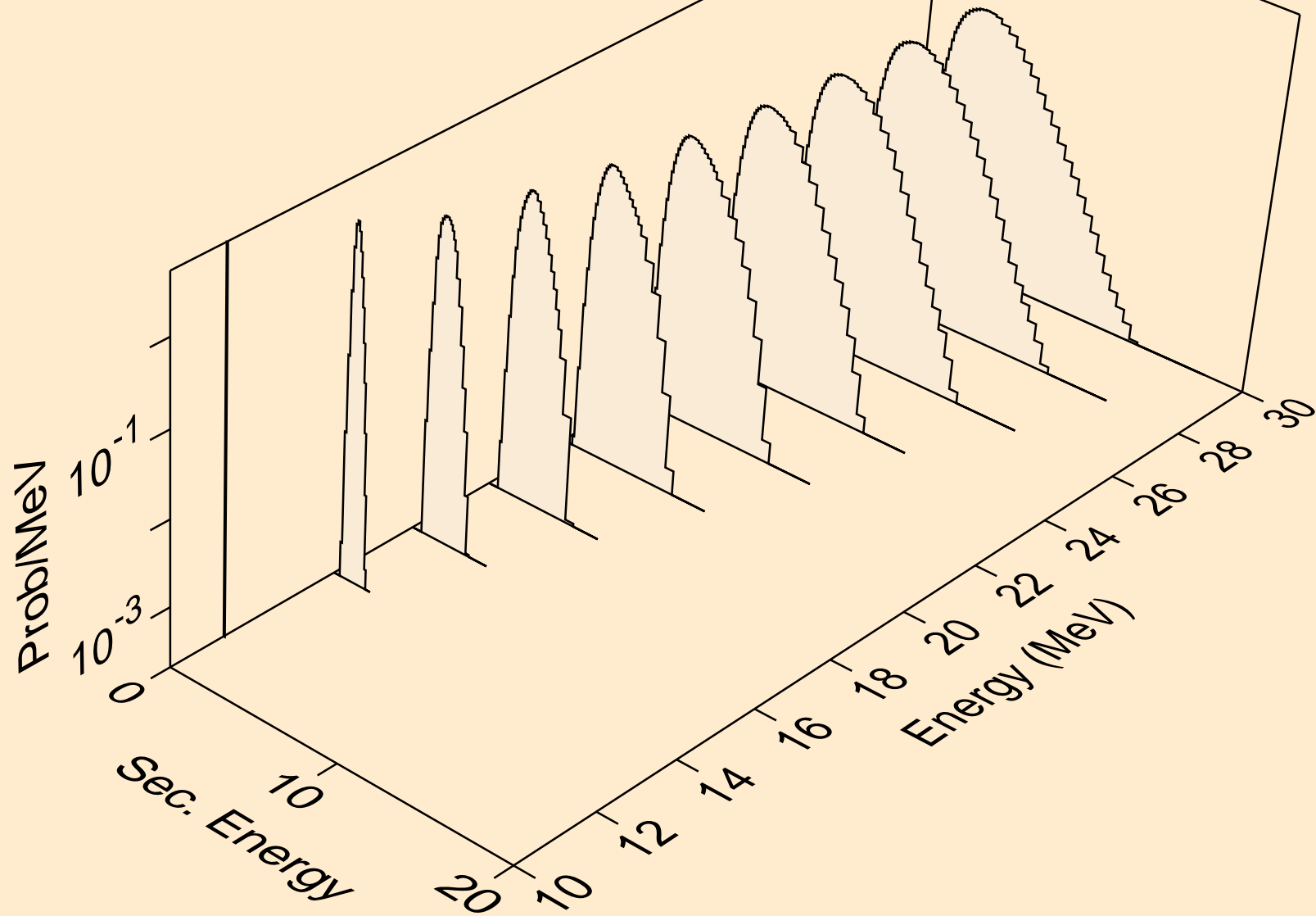
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



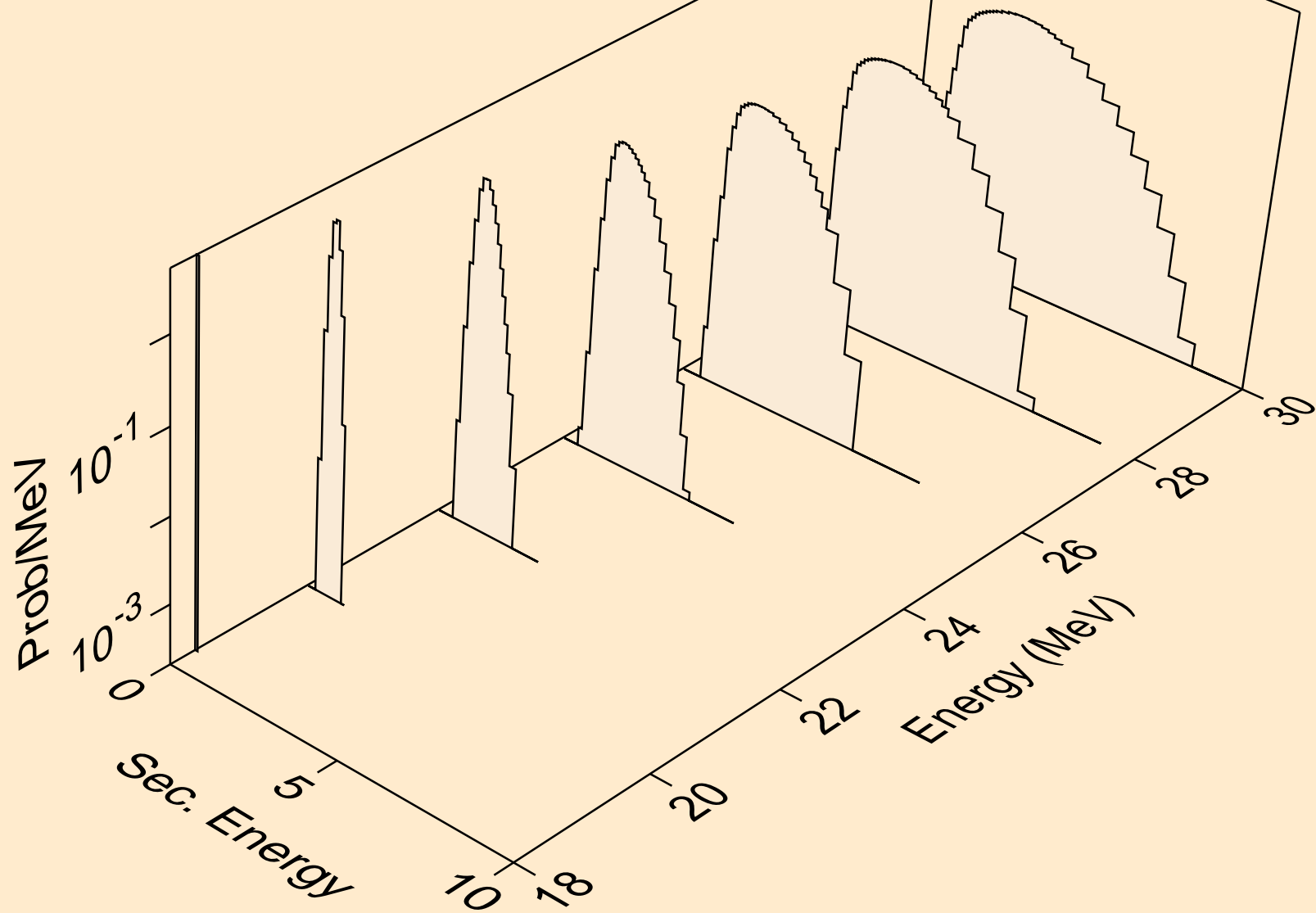
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



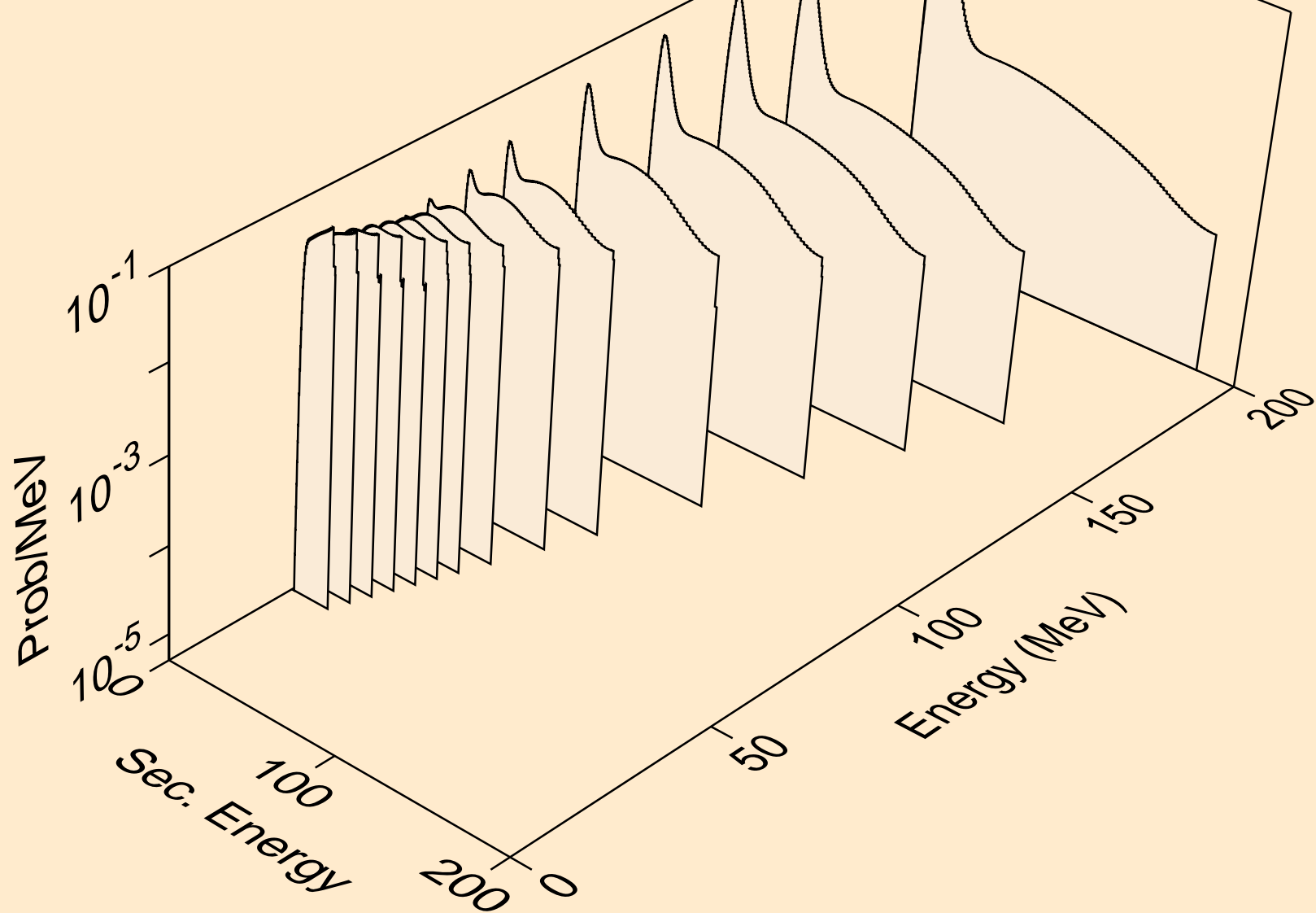
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)

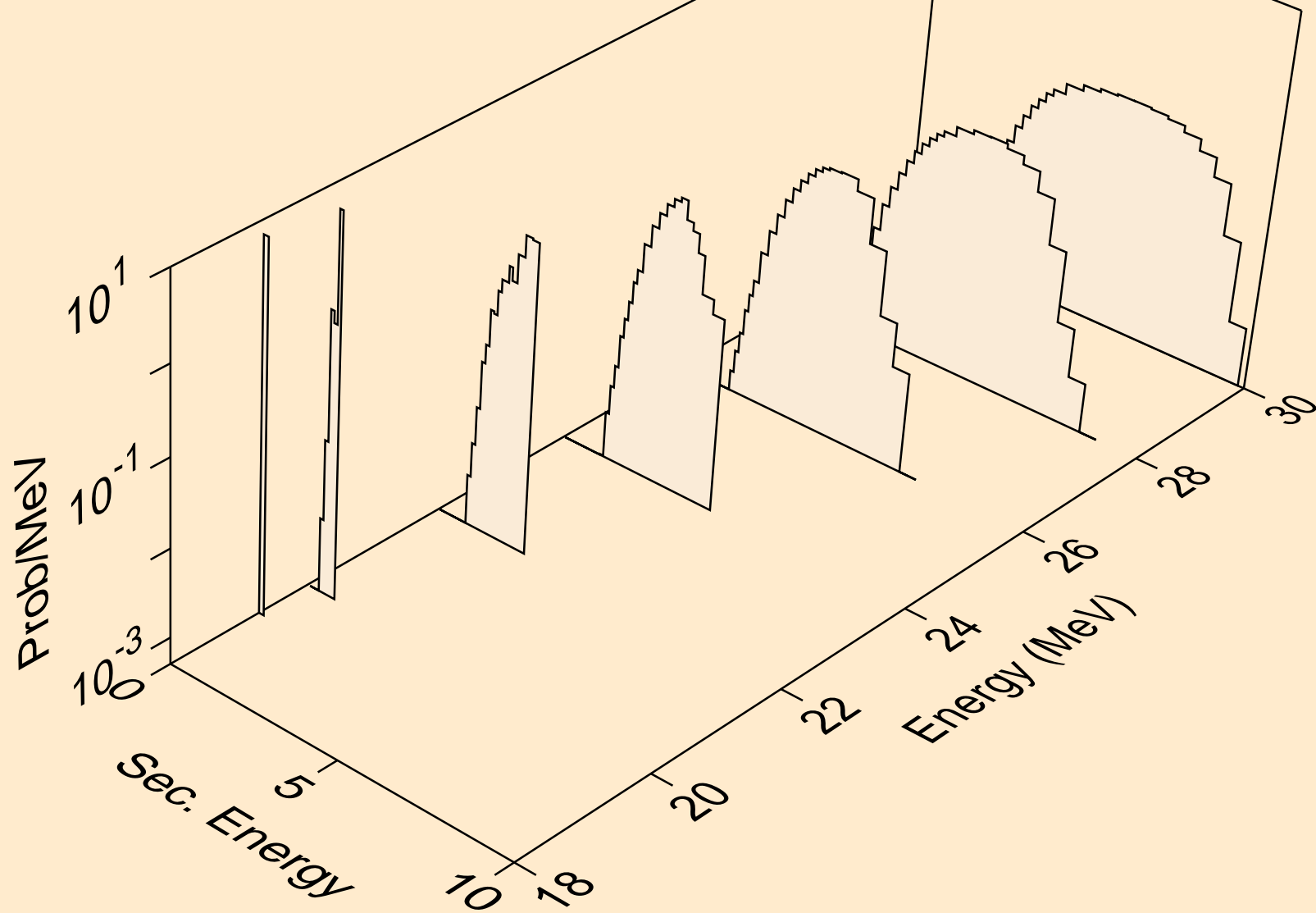


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)

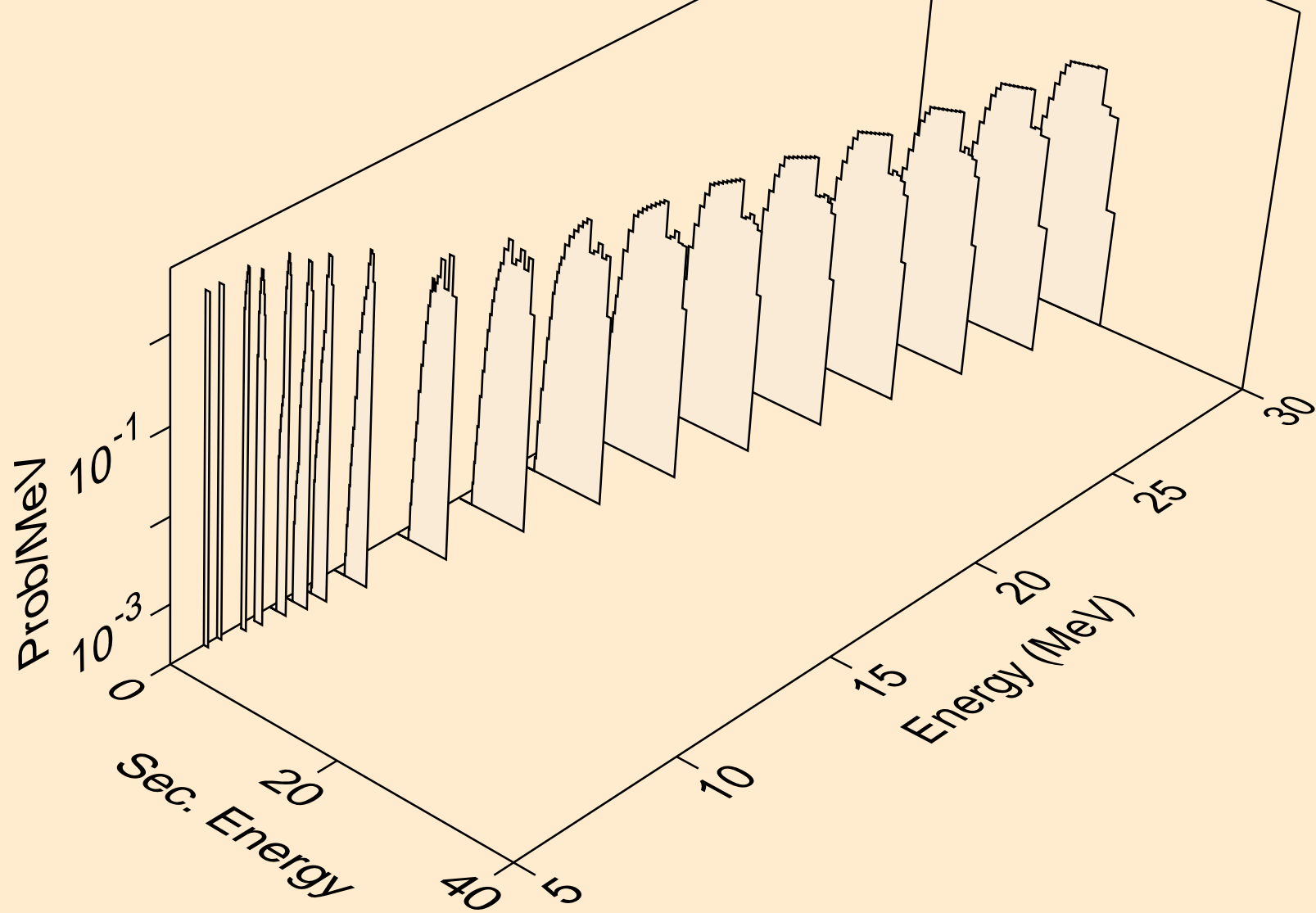




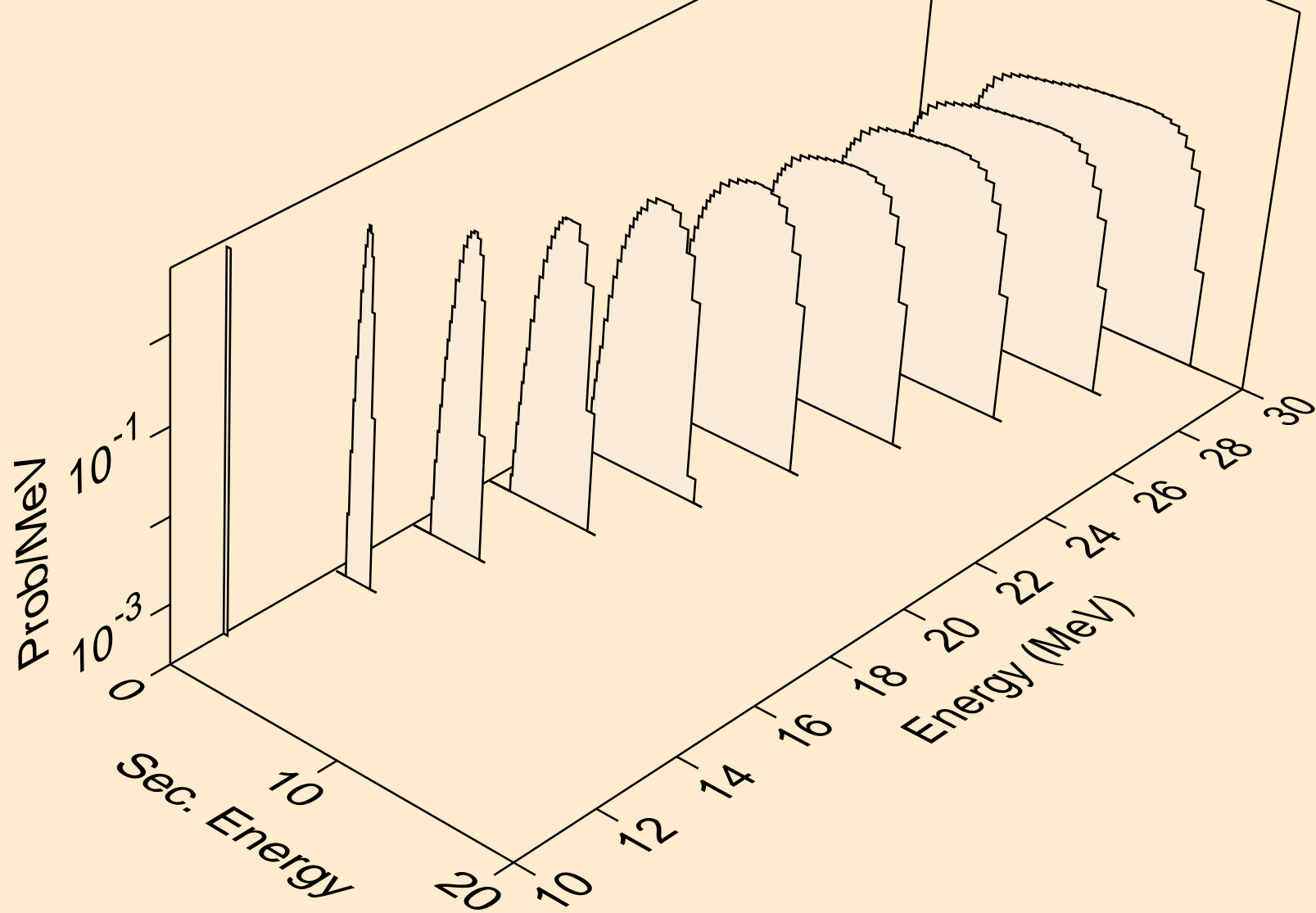
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



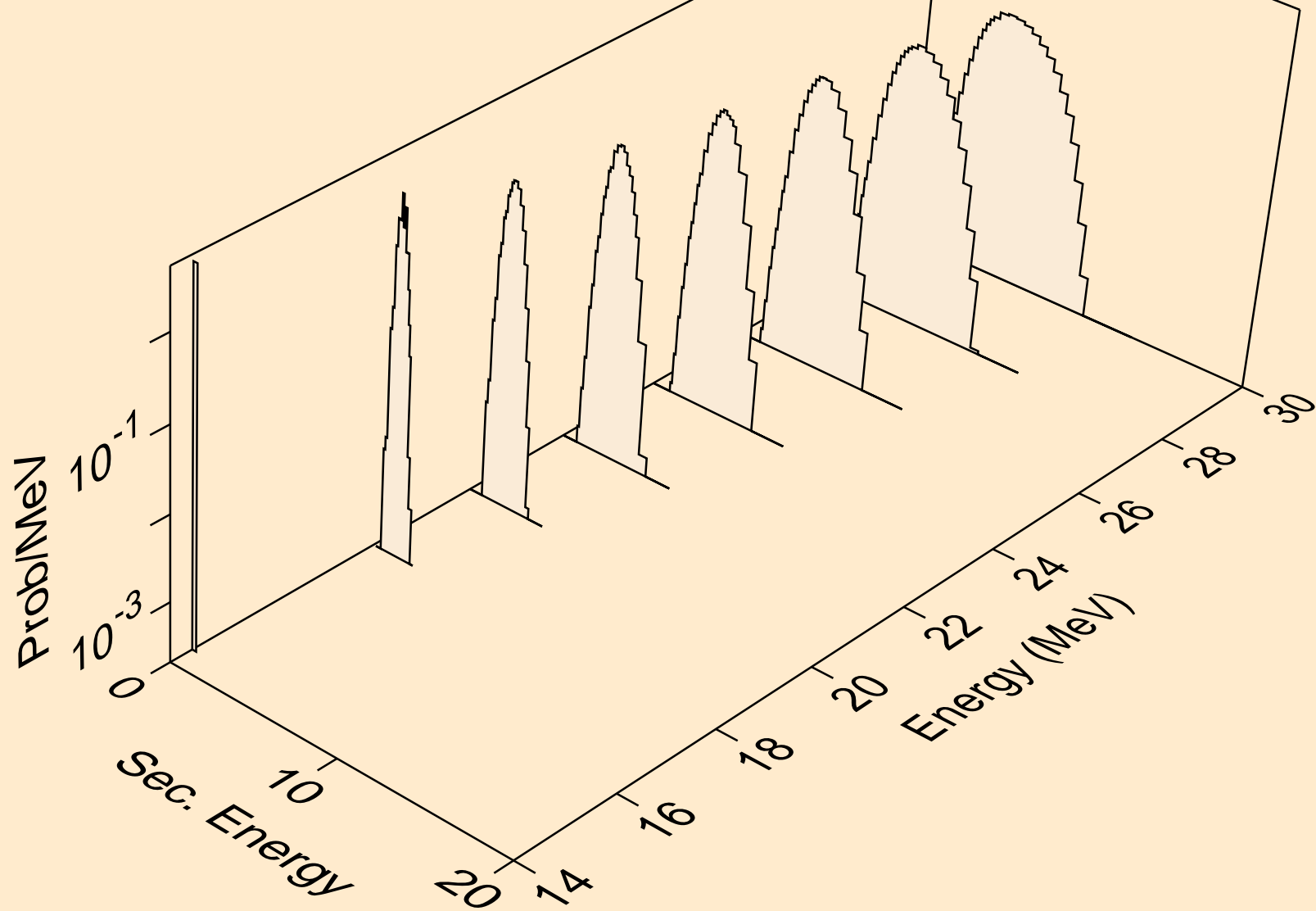
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



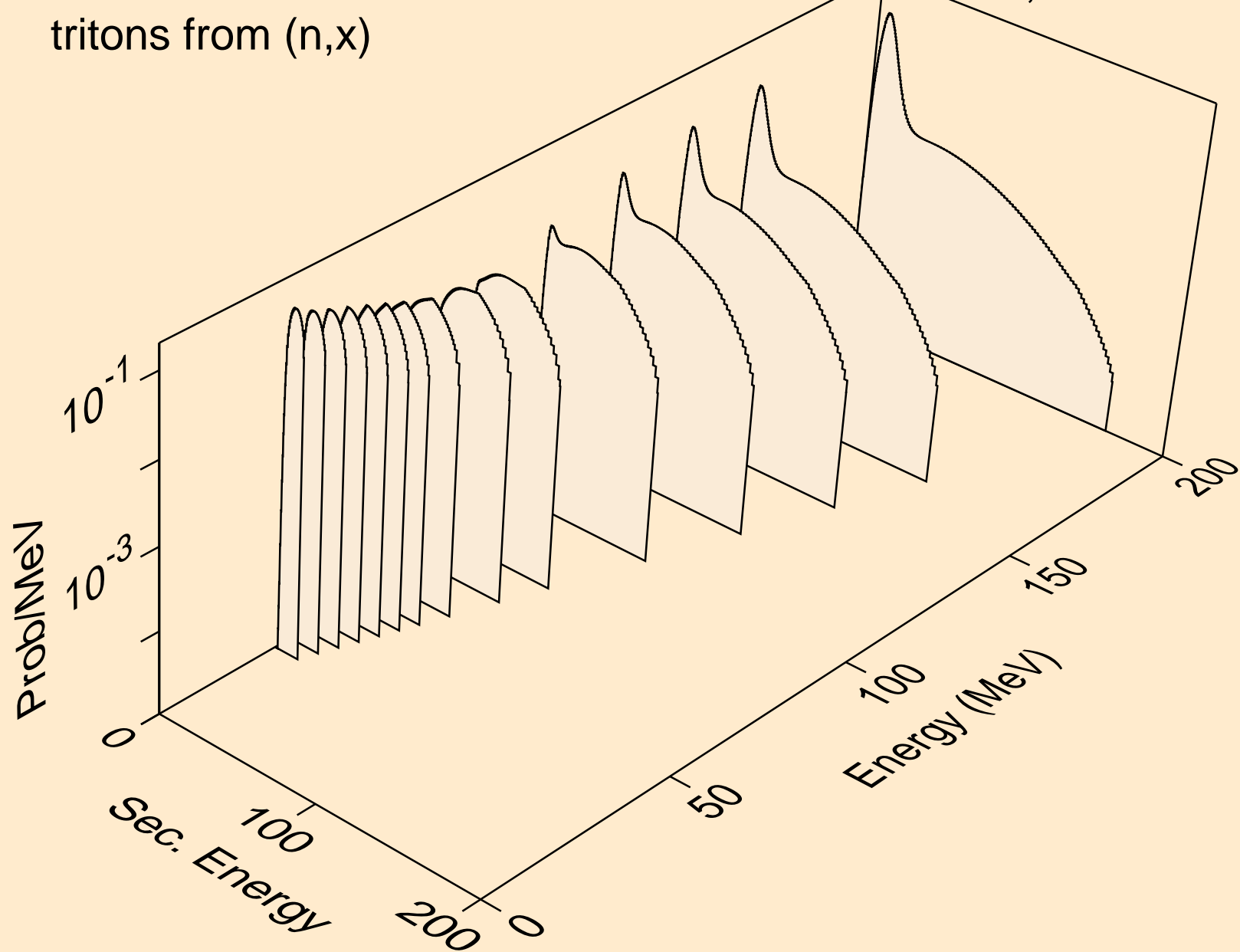
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



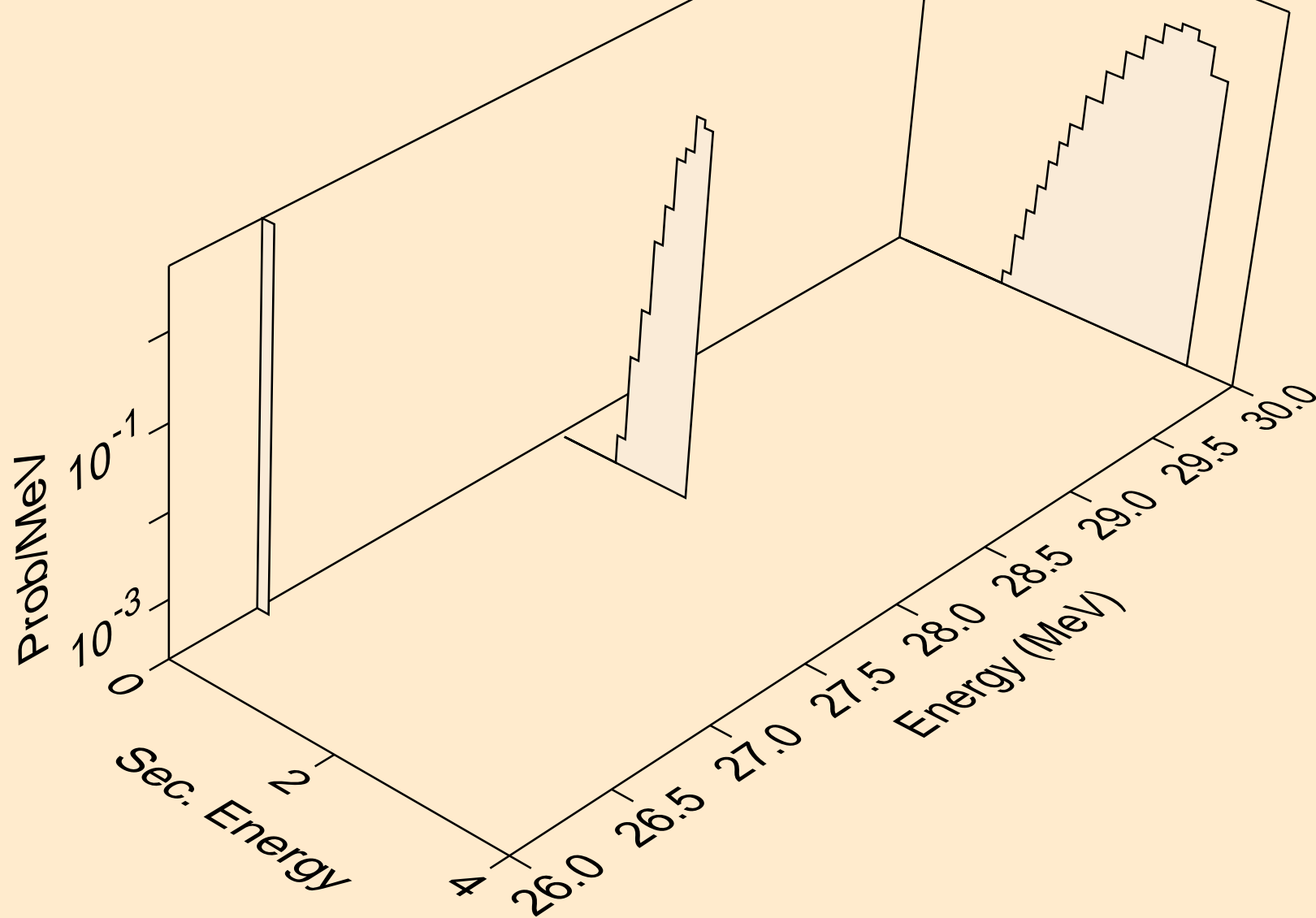
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



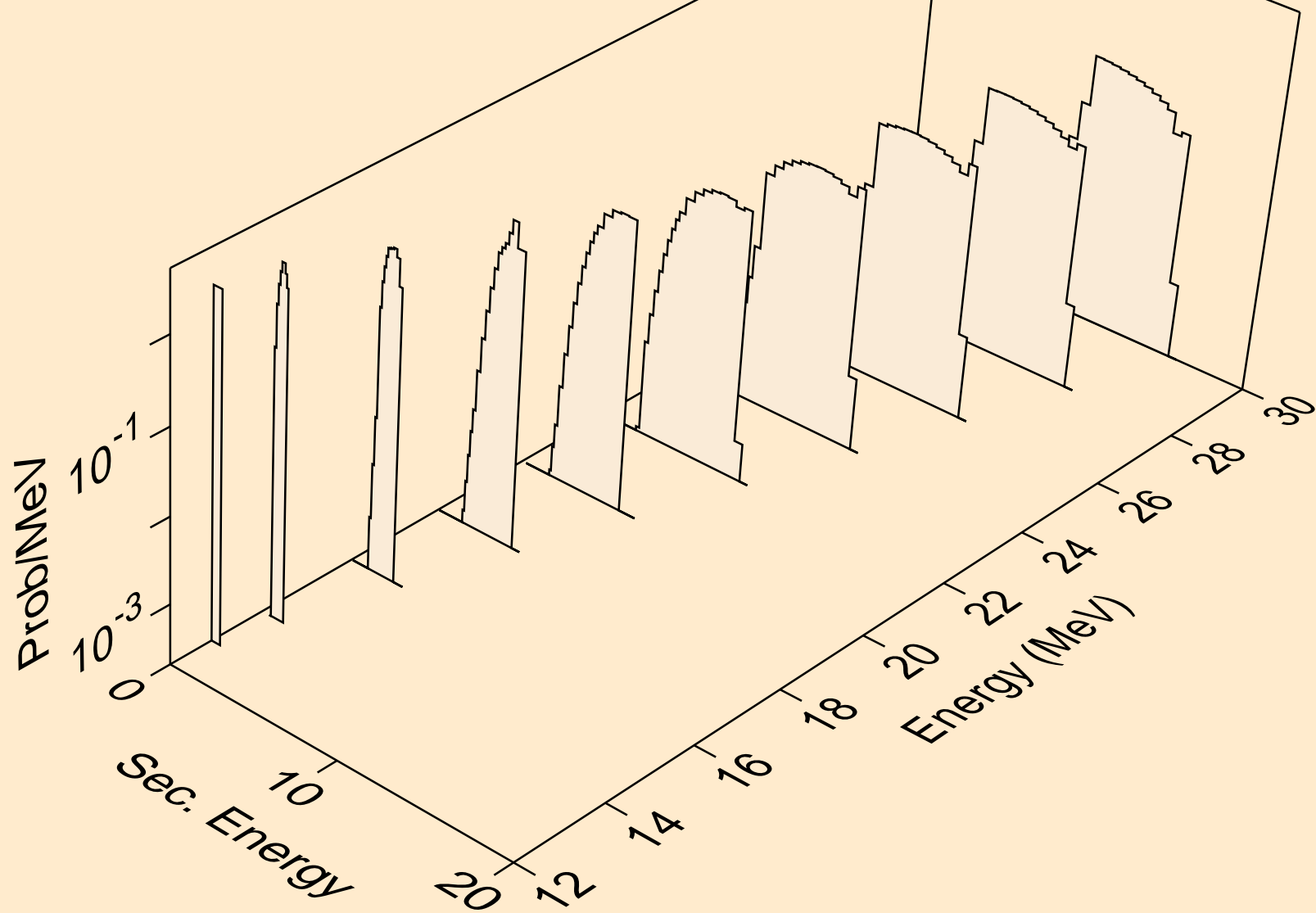
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



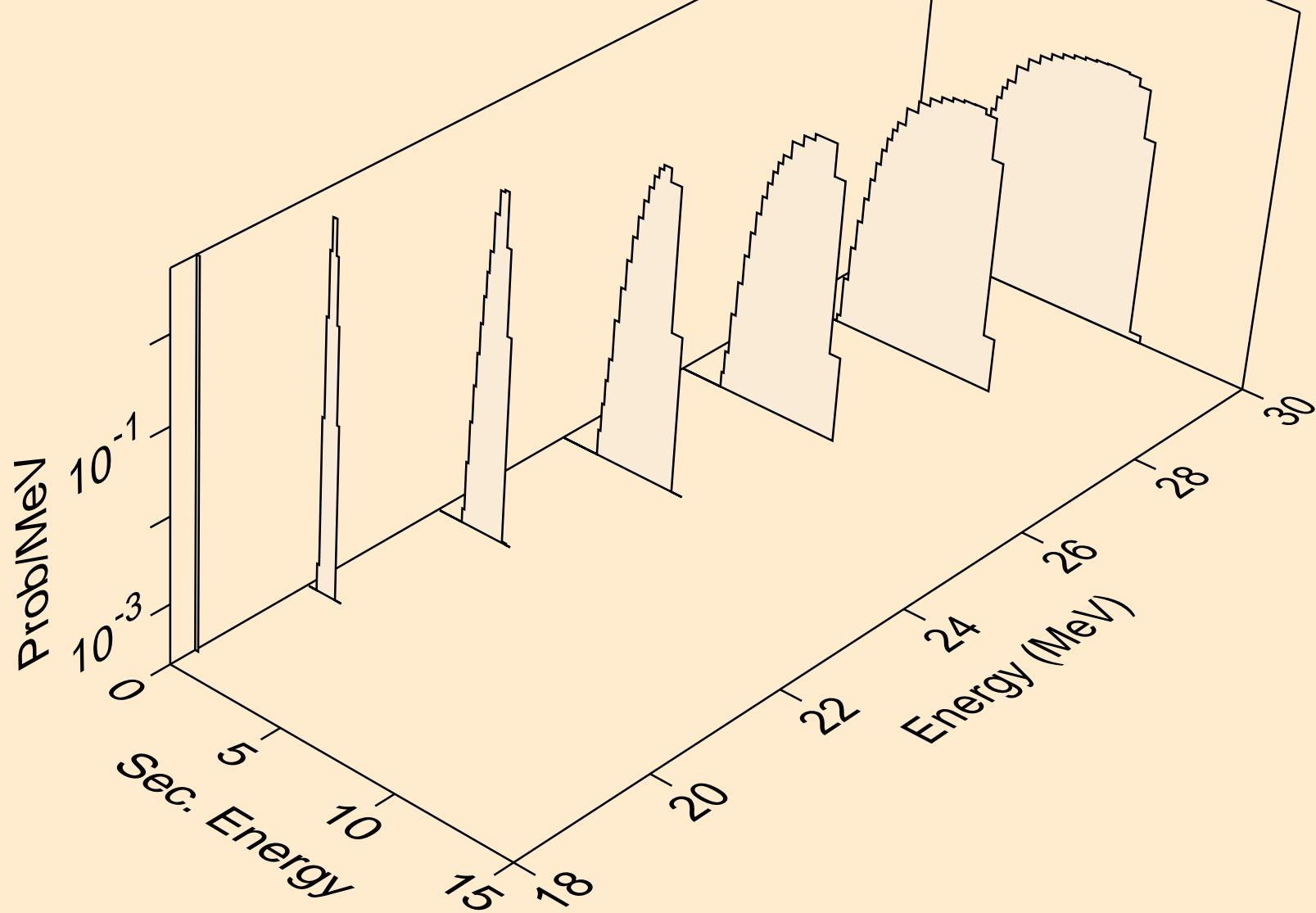
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)

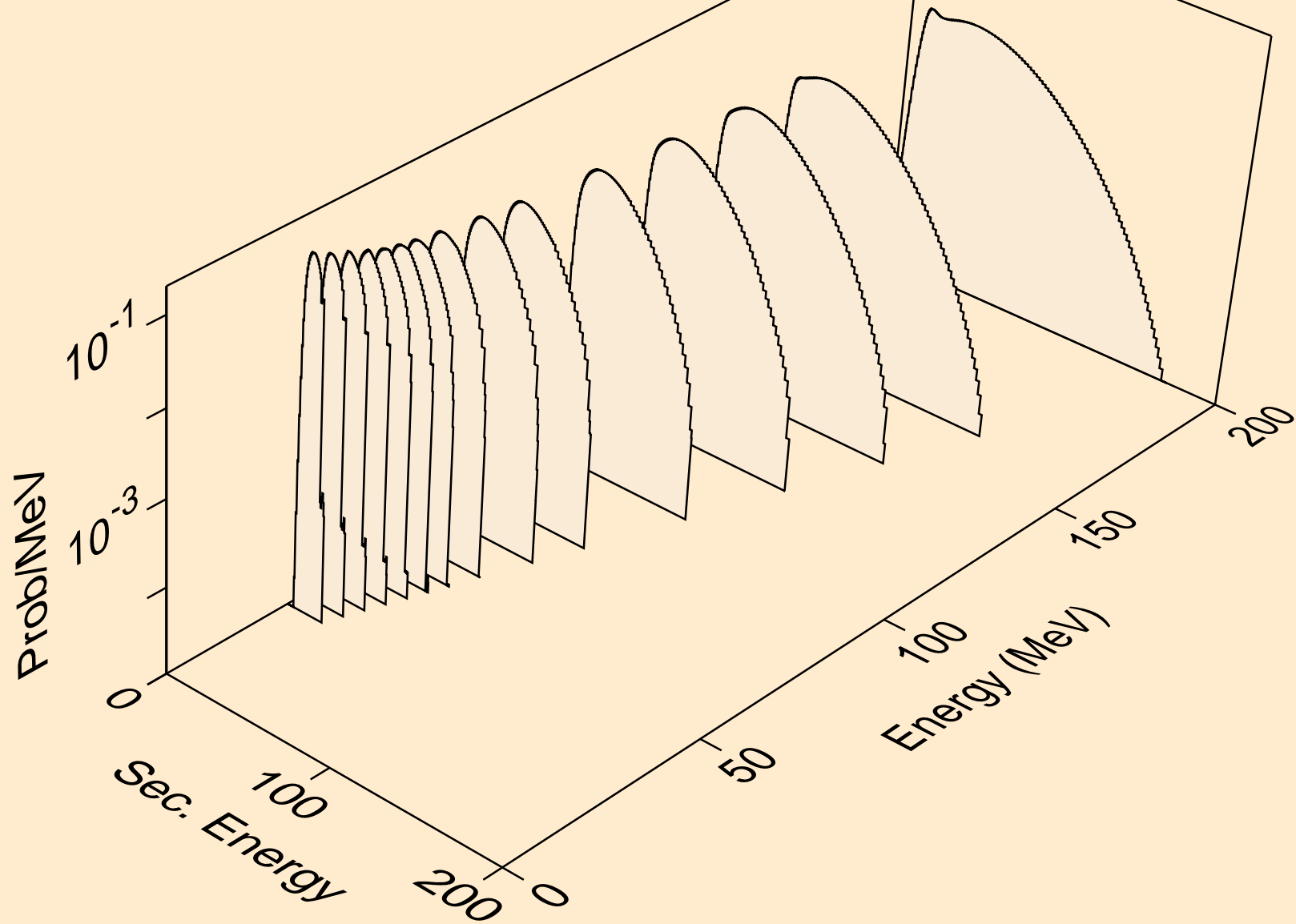


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)

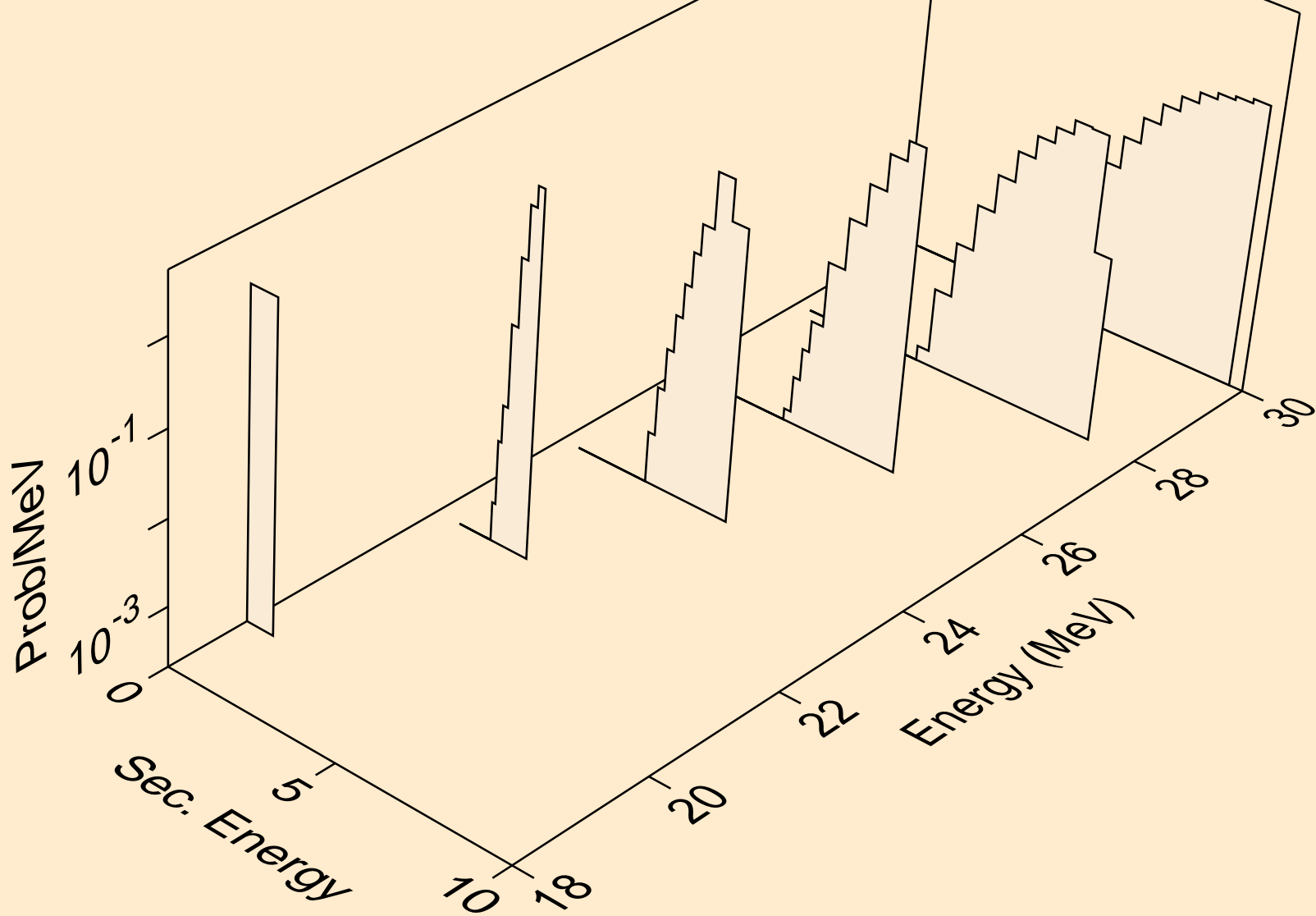




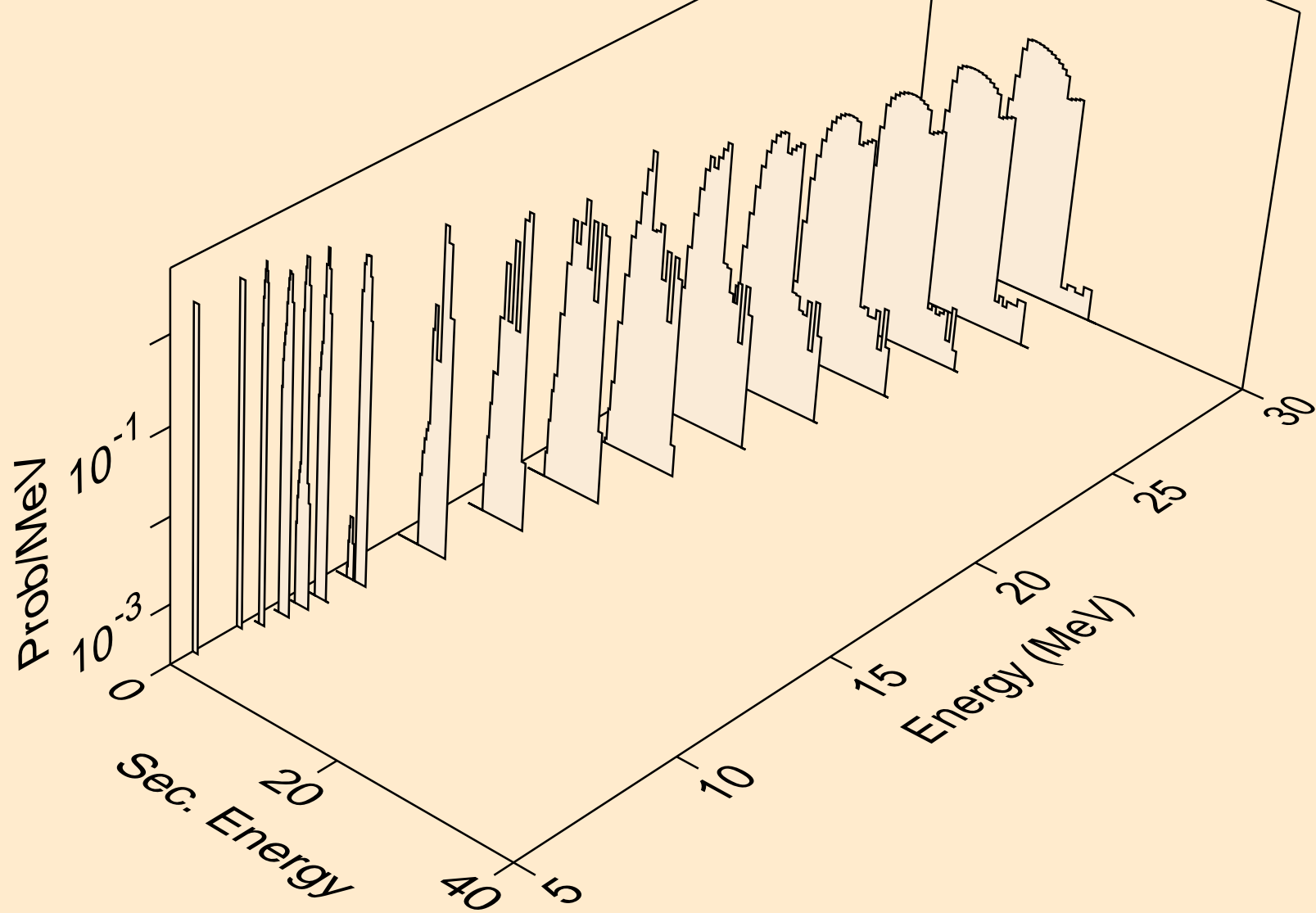
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



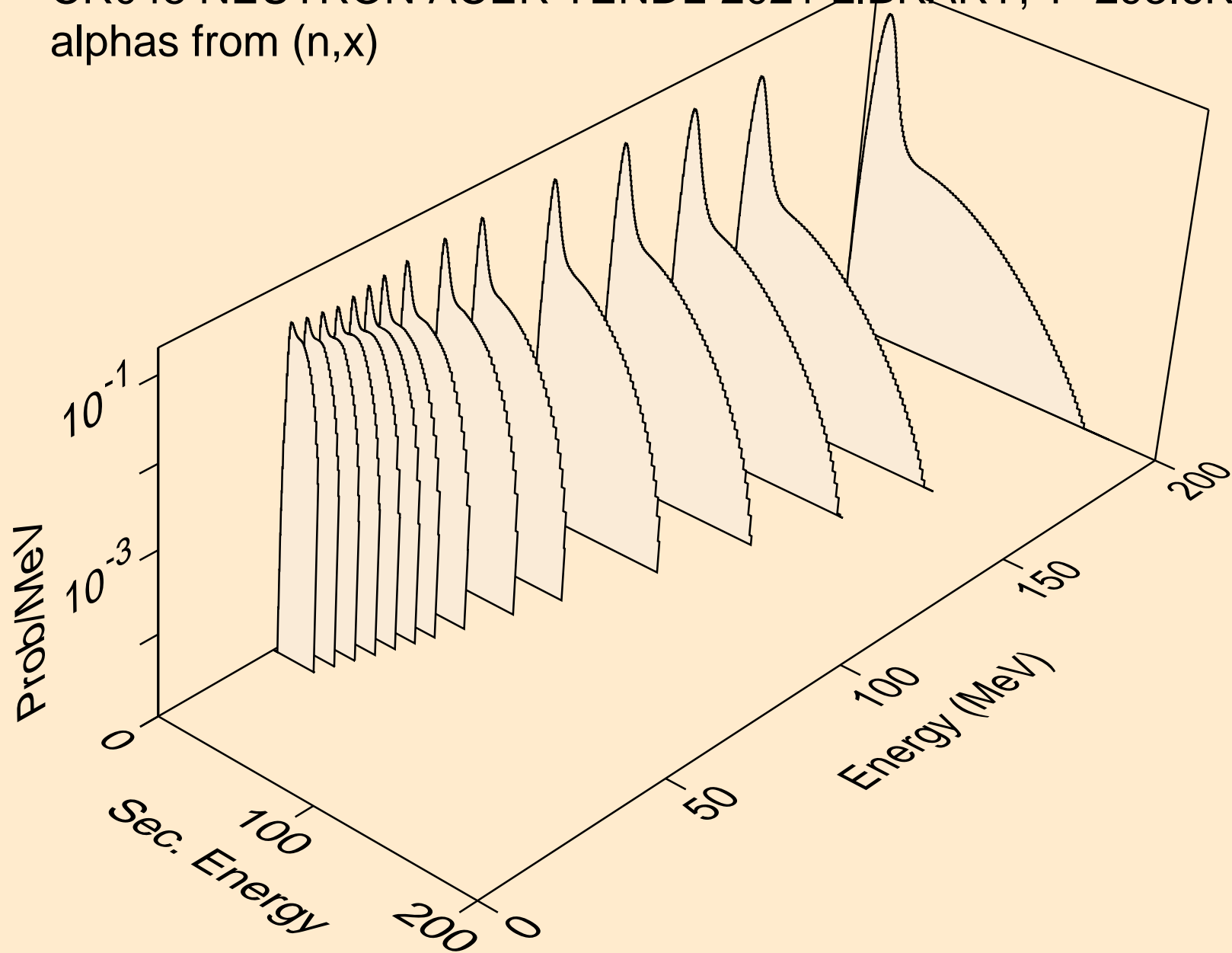
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



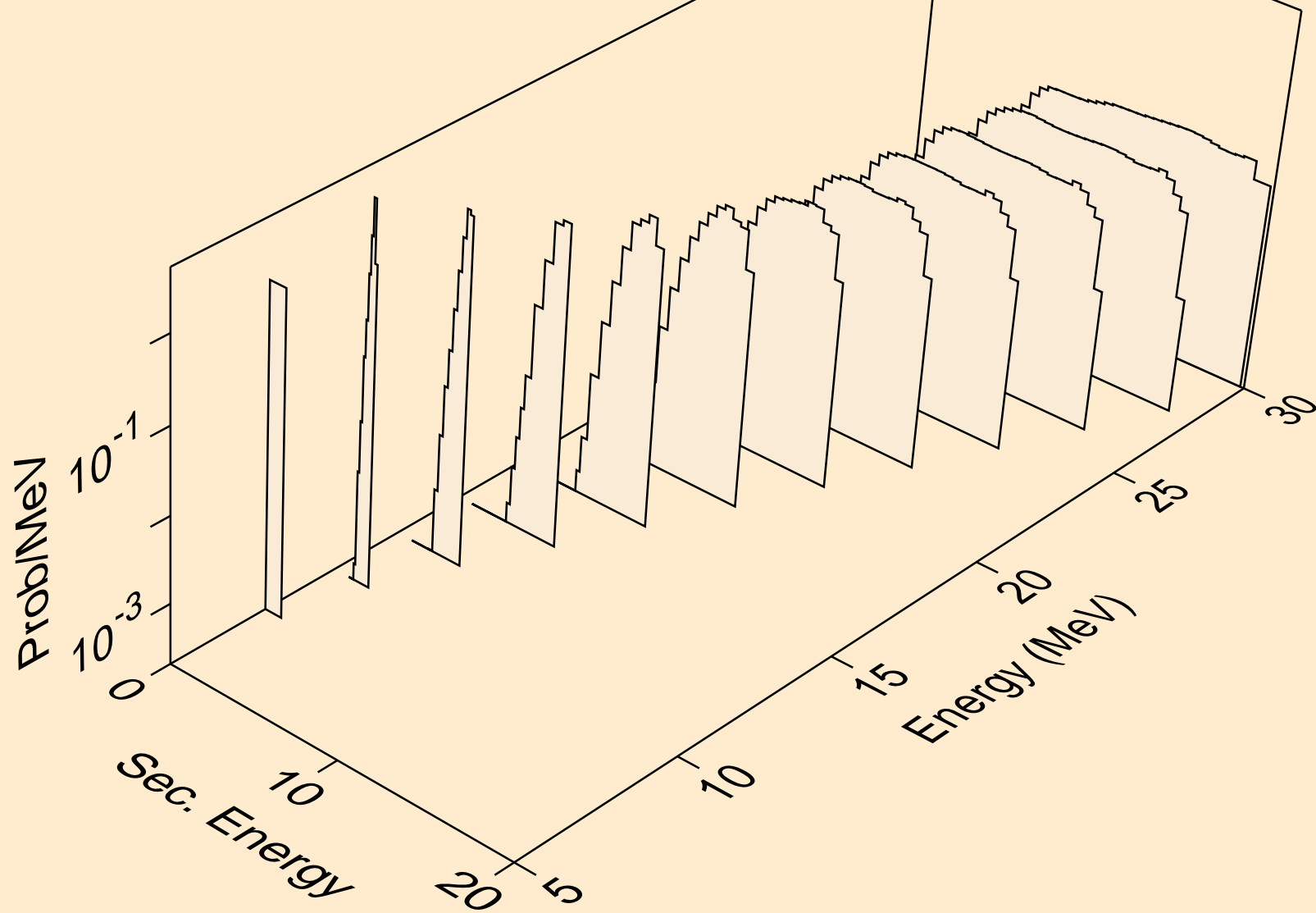
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



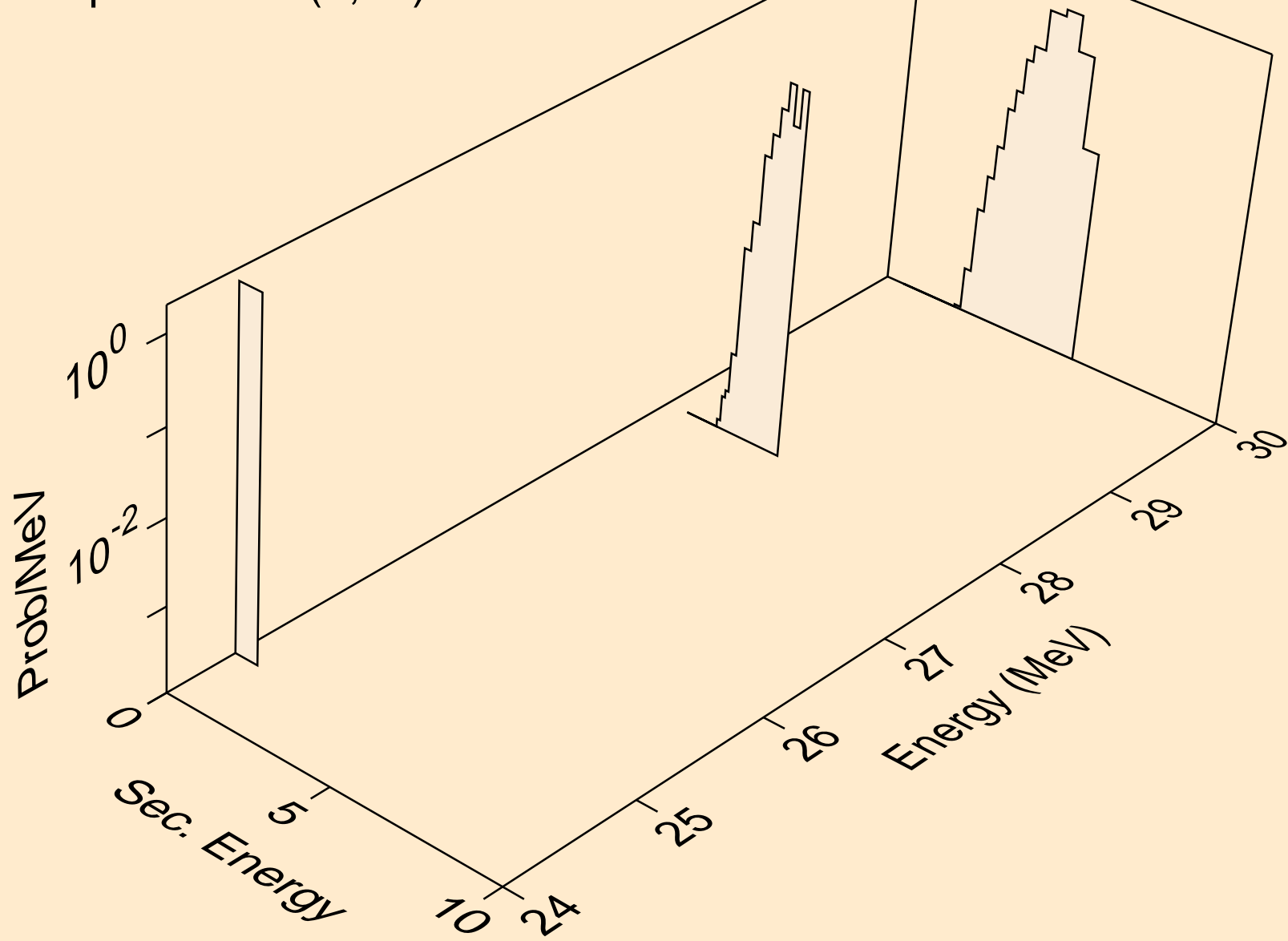
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



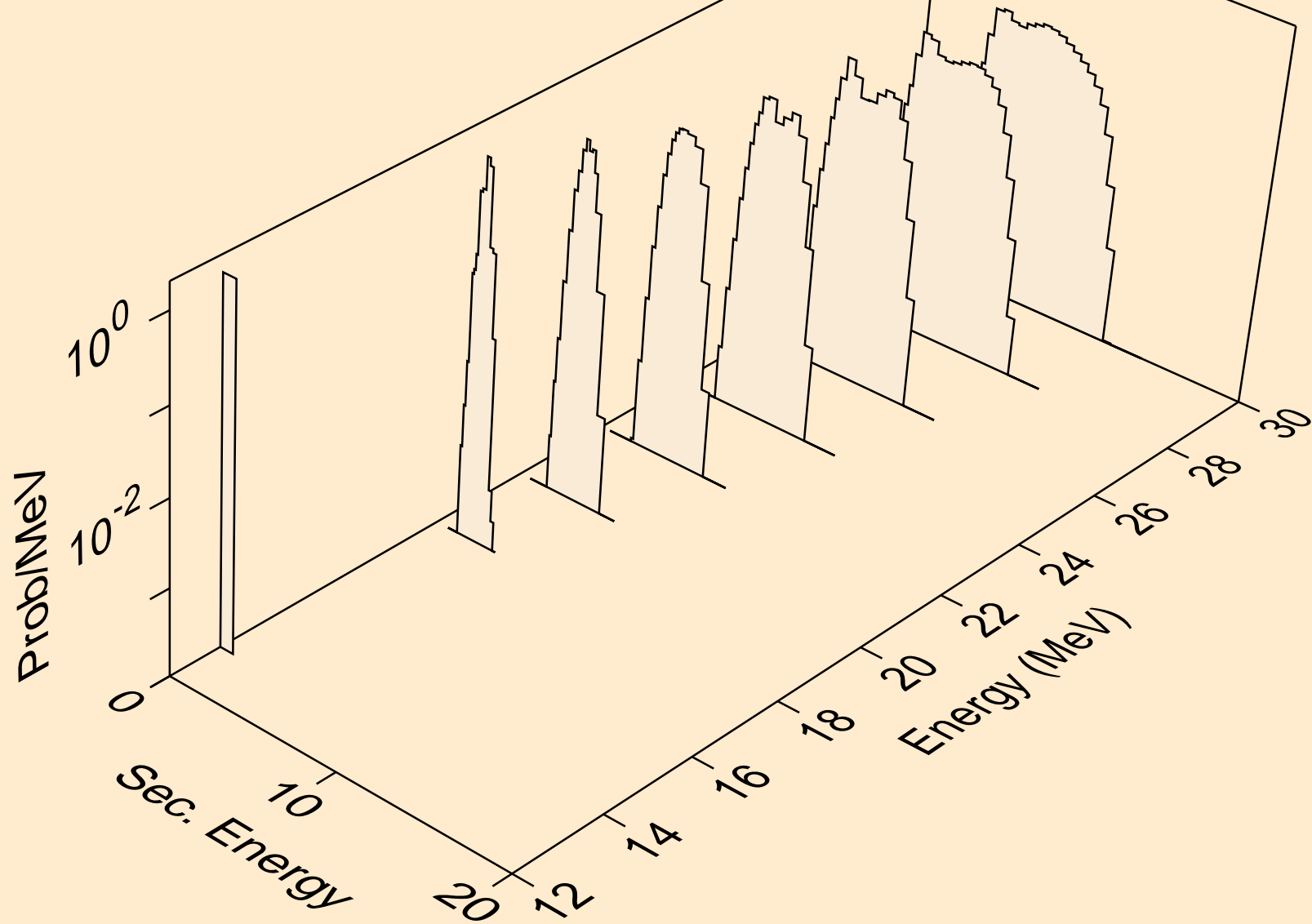
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



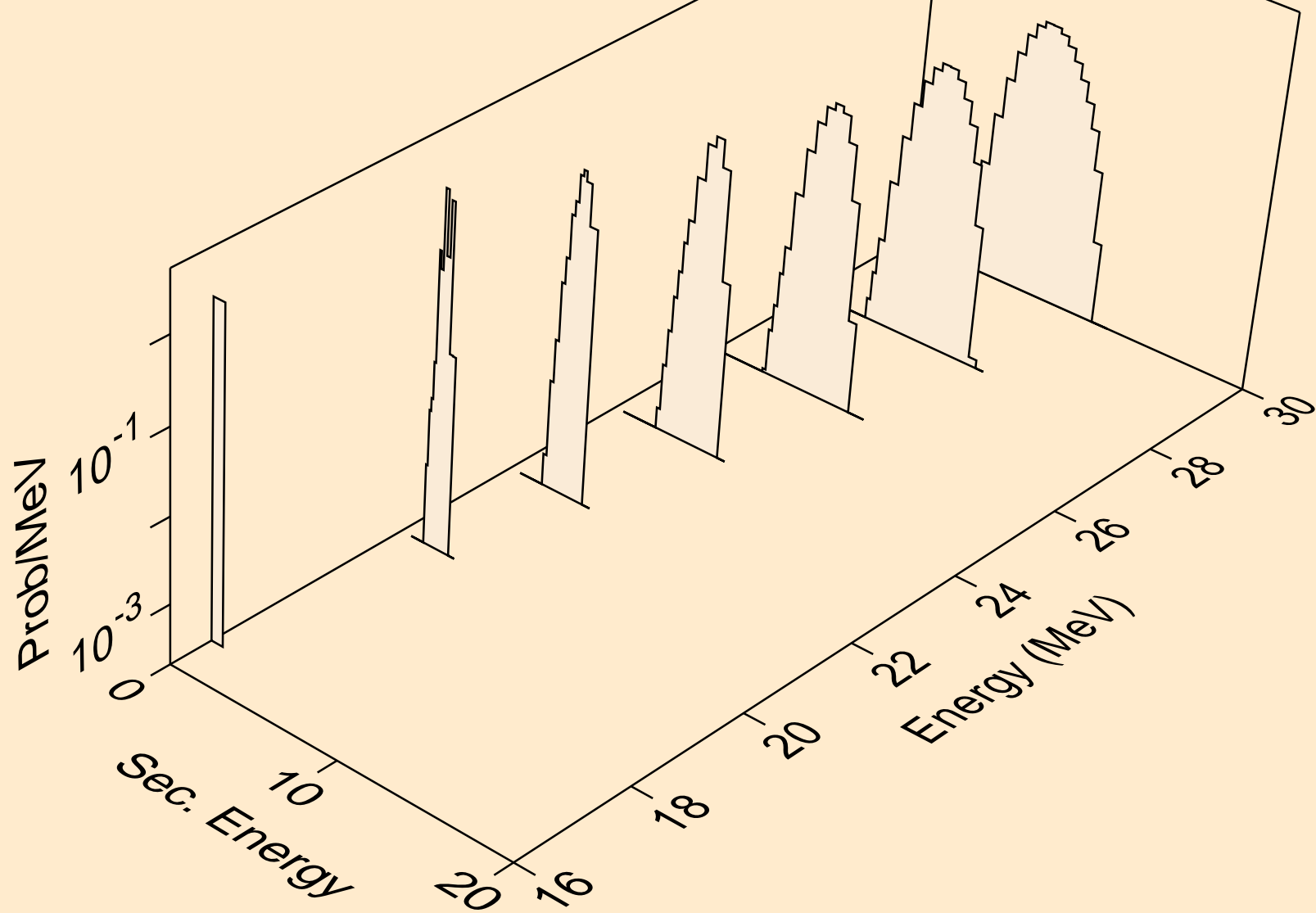
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a

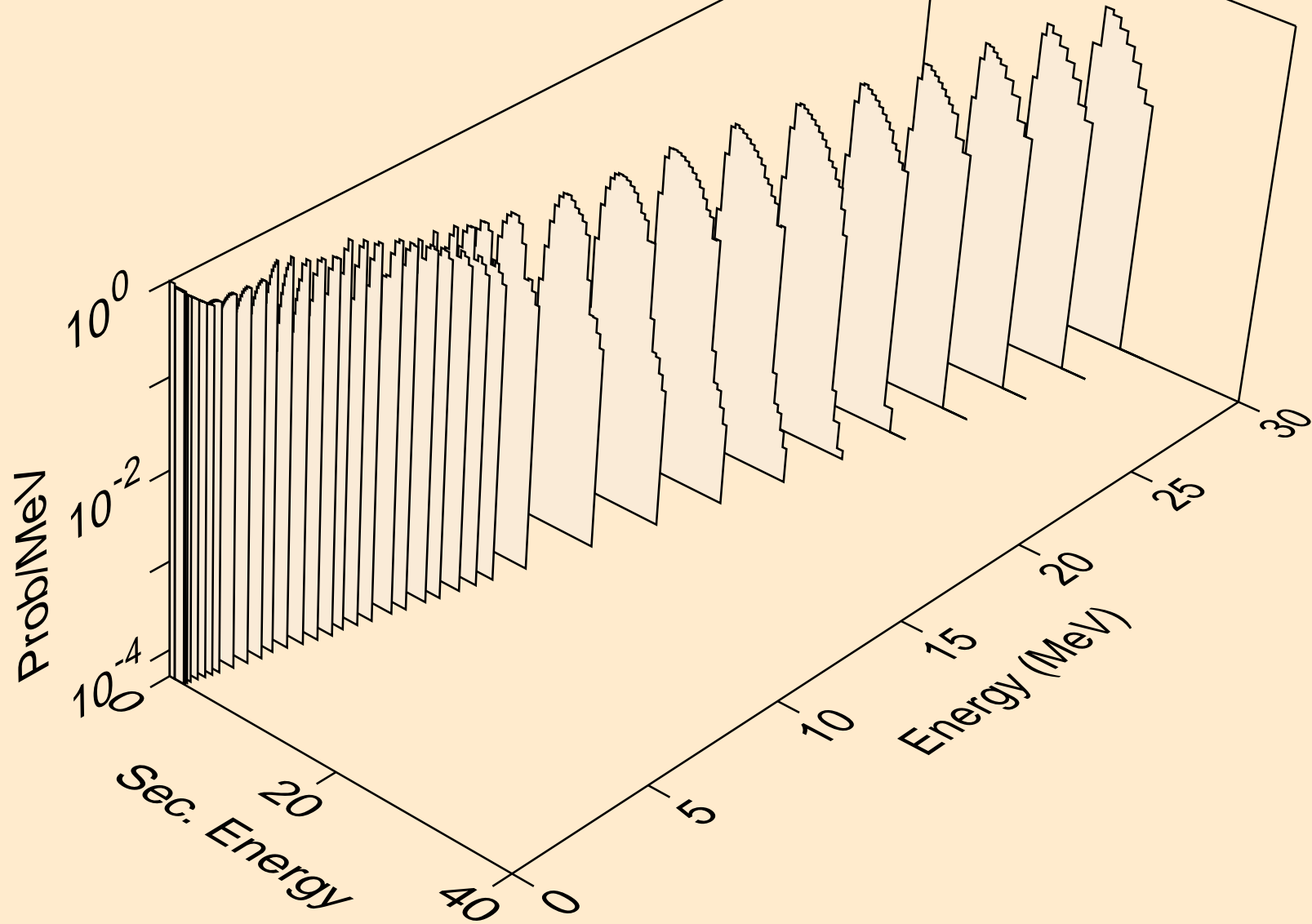


CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

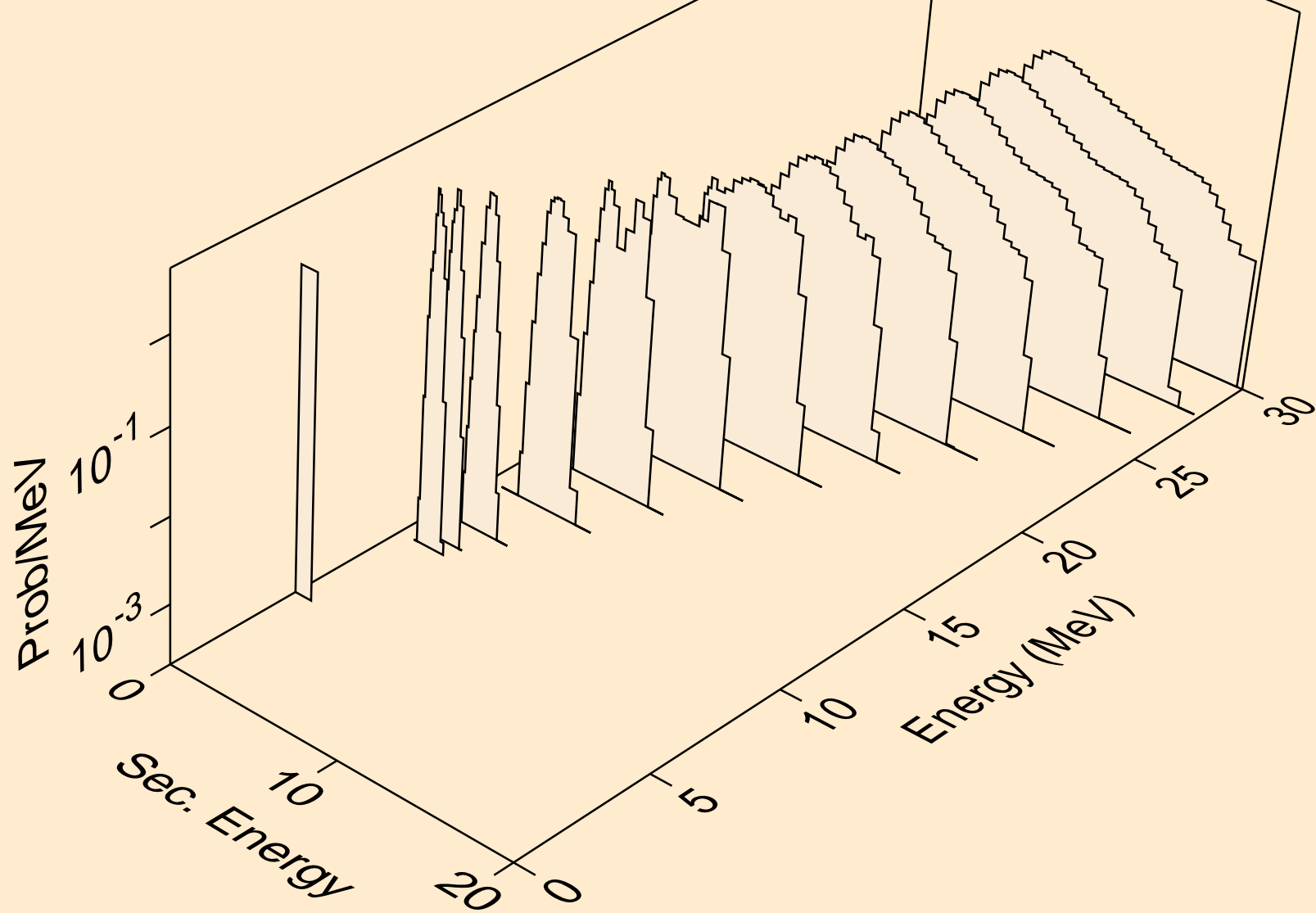




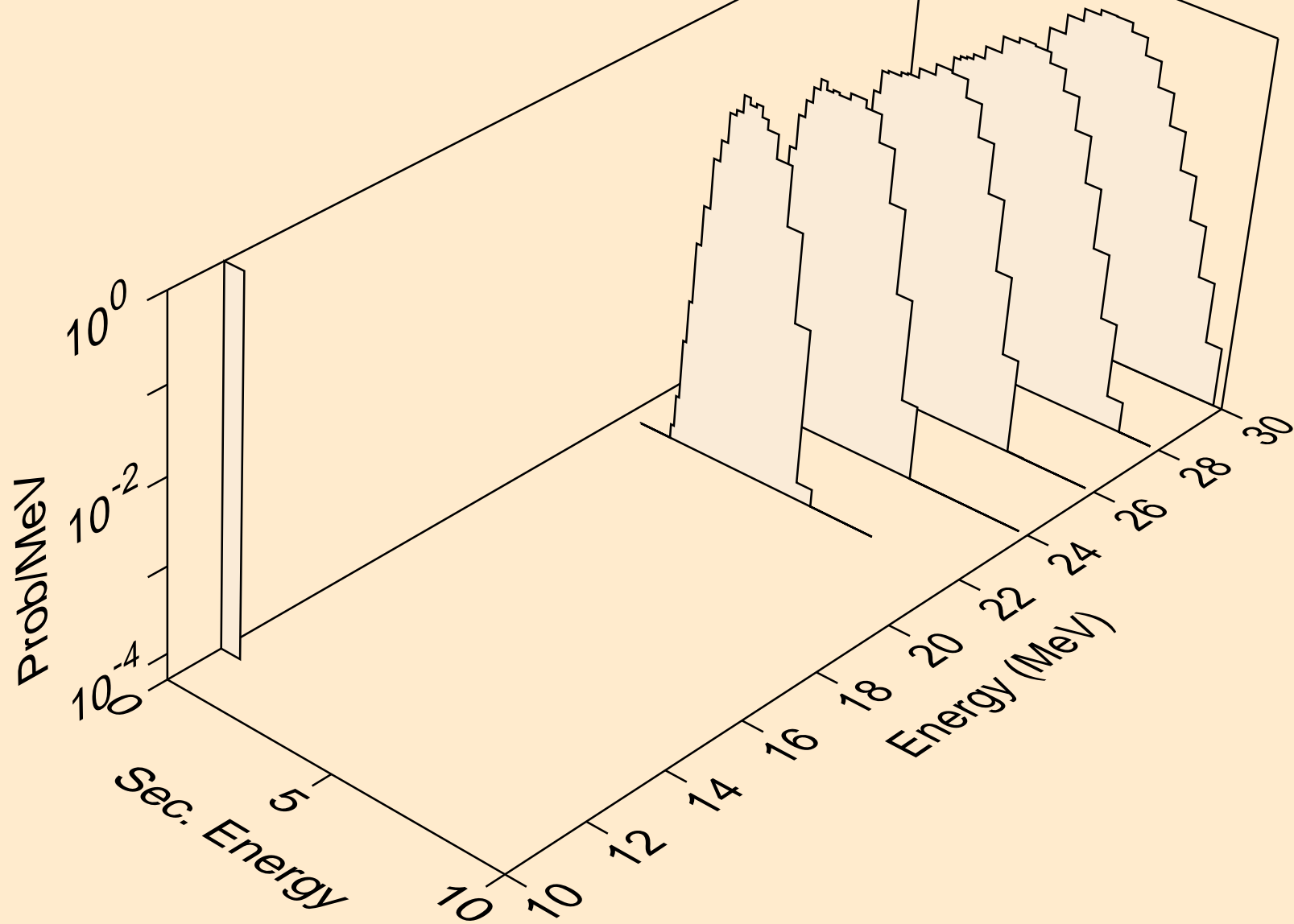
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



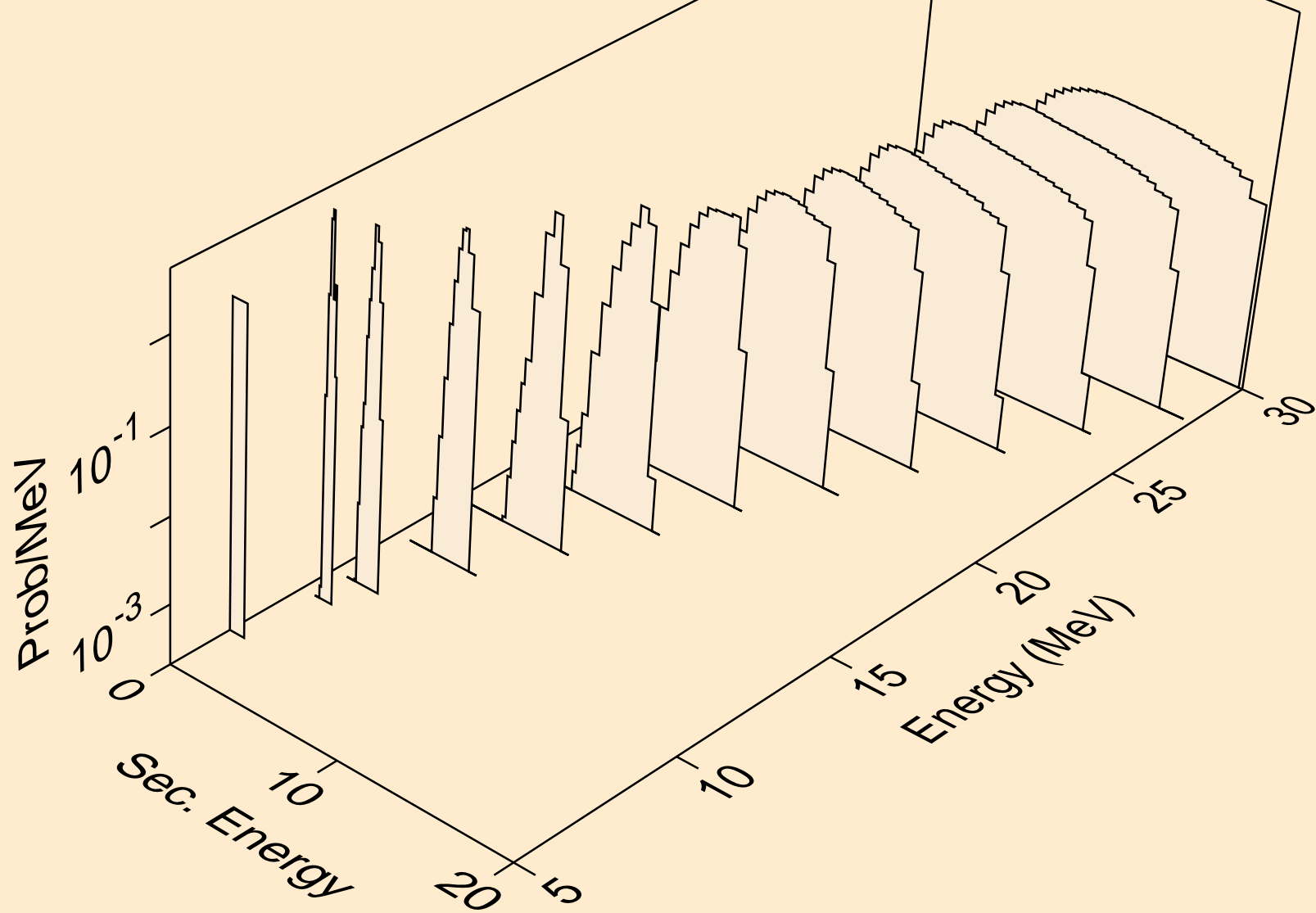
CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



CR048 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

