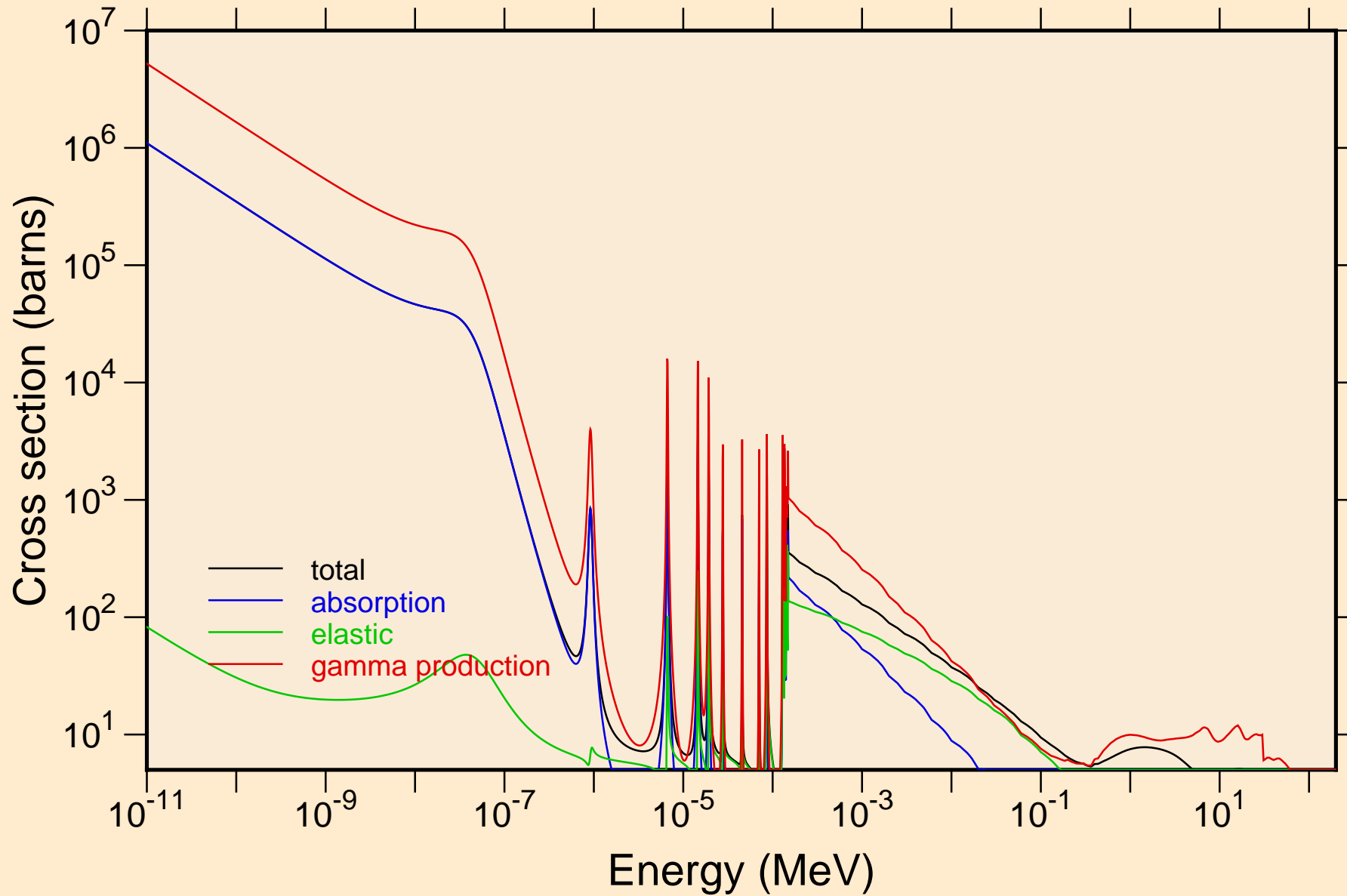
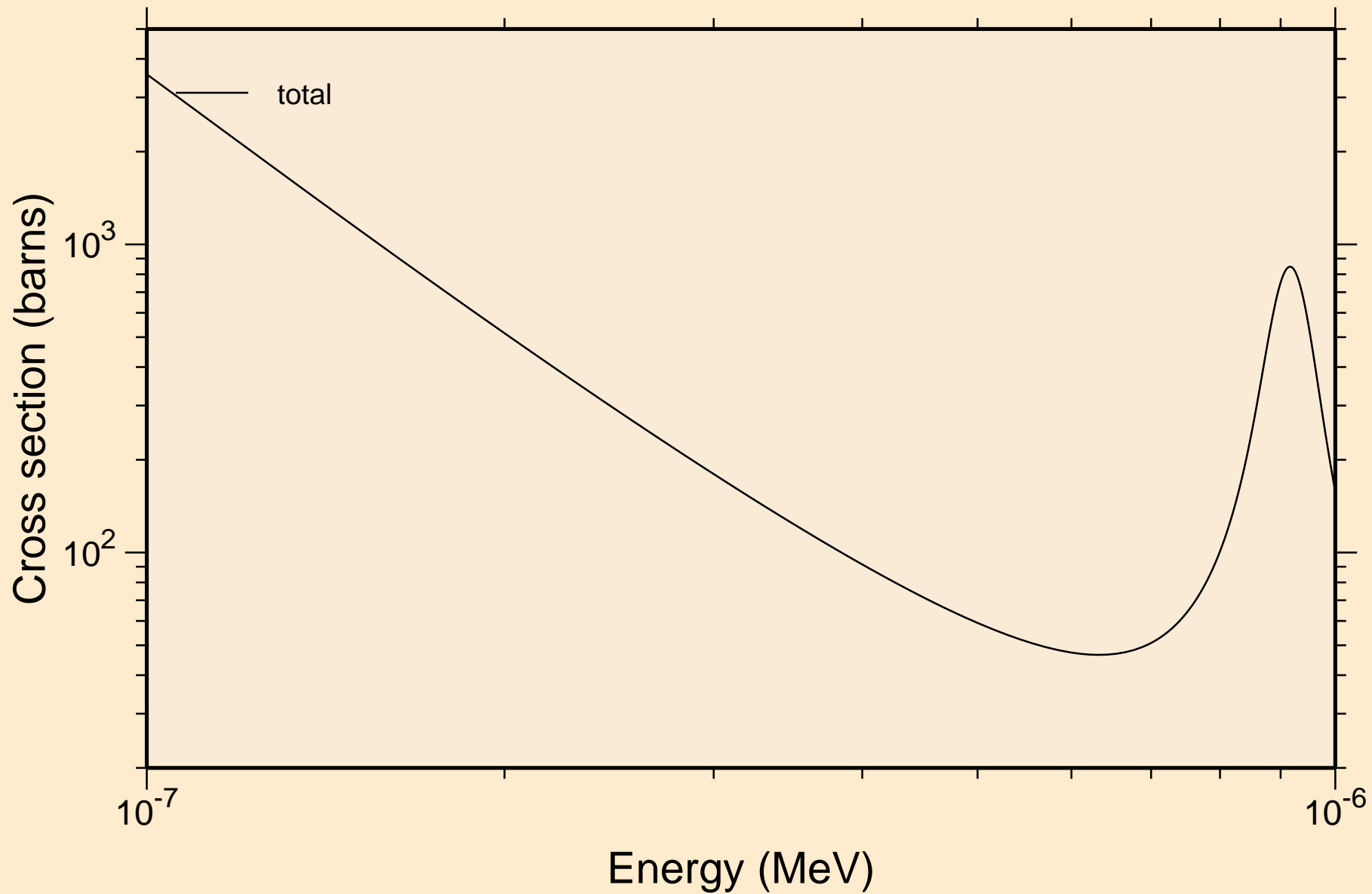


# GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

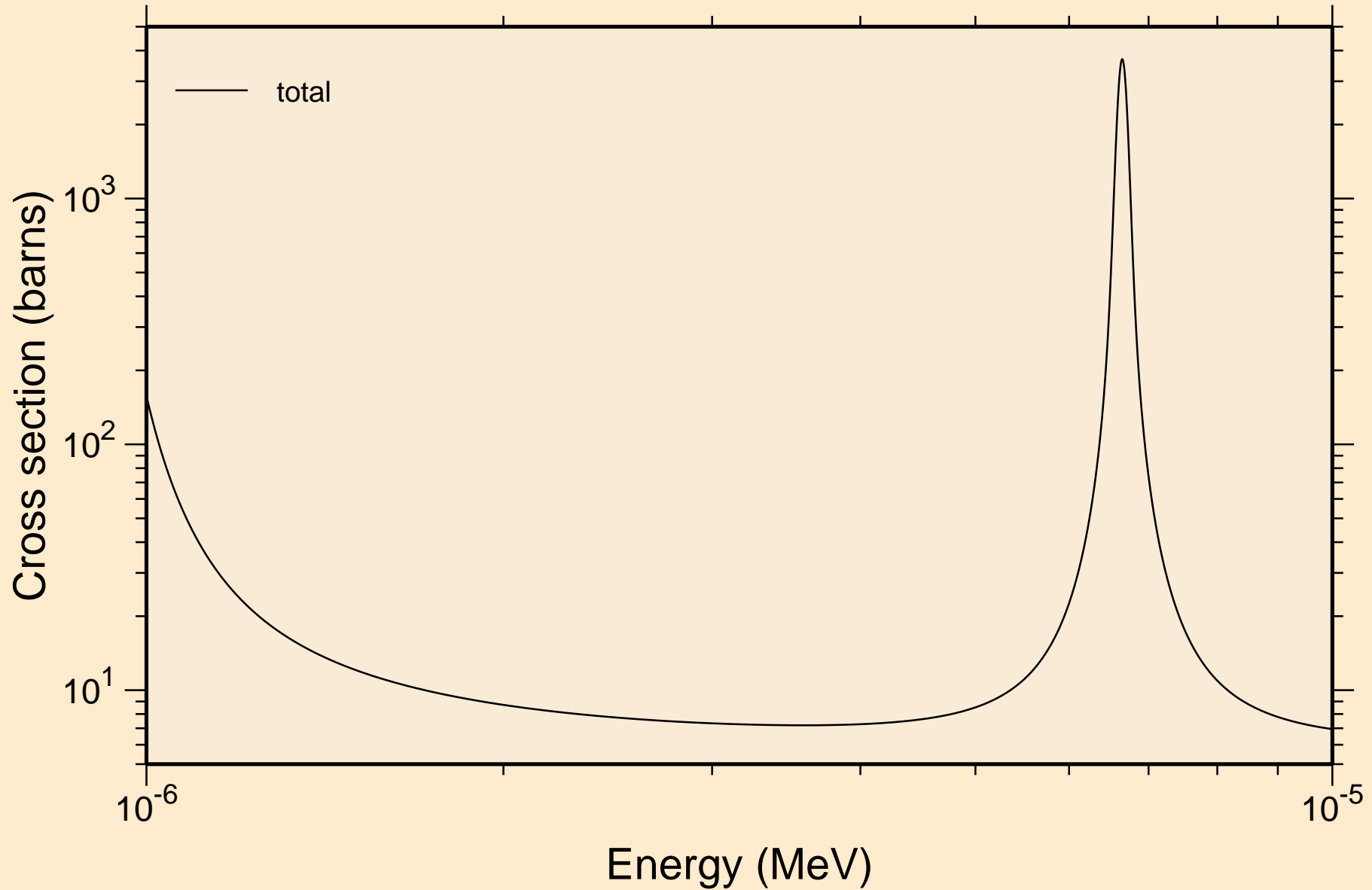
## Principal cross sections



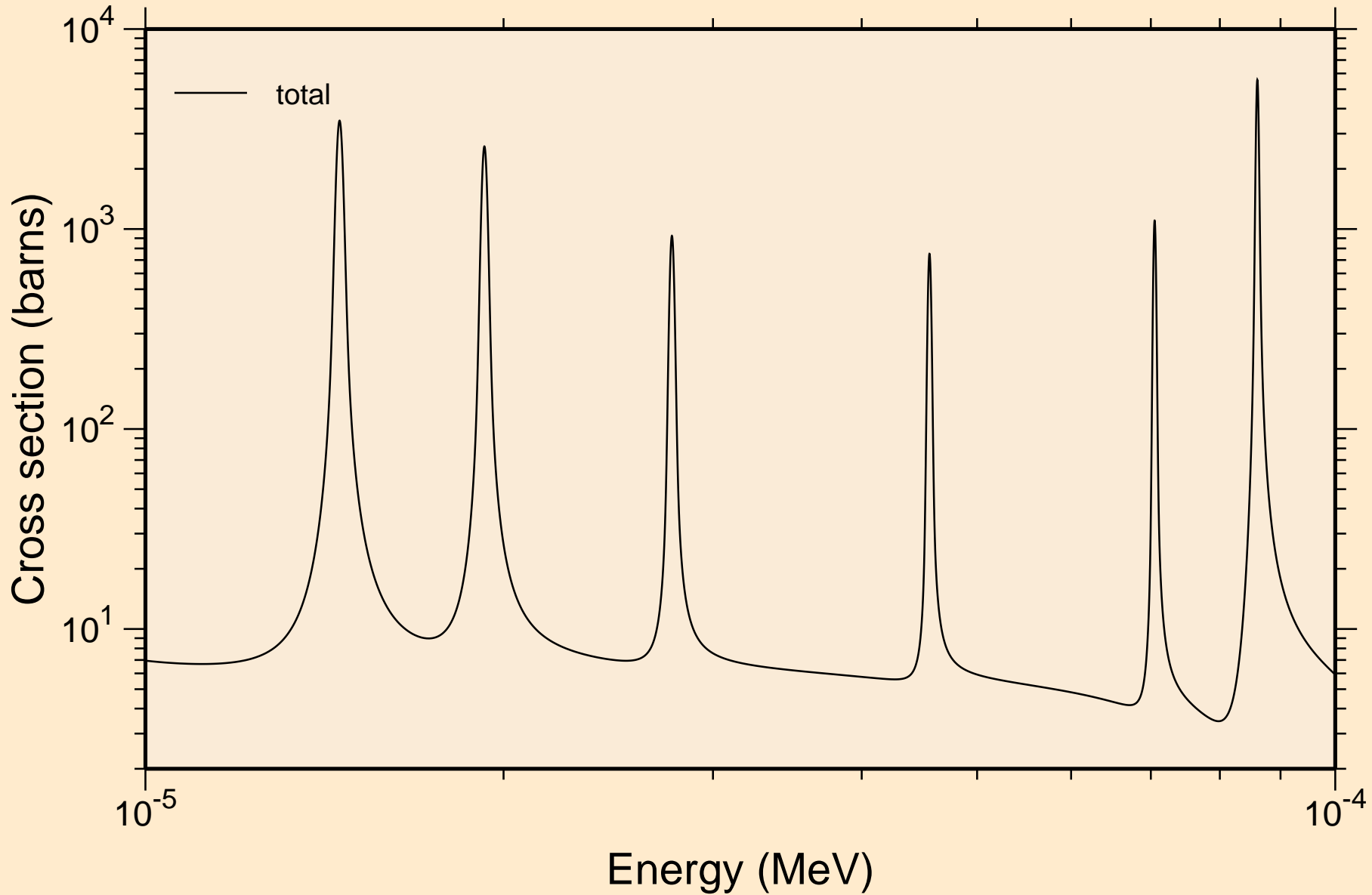
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



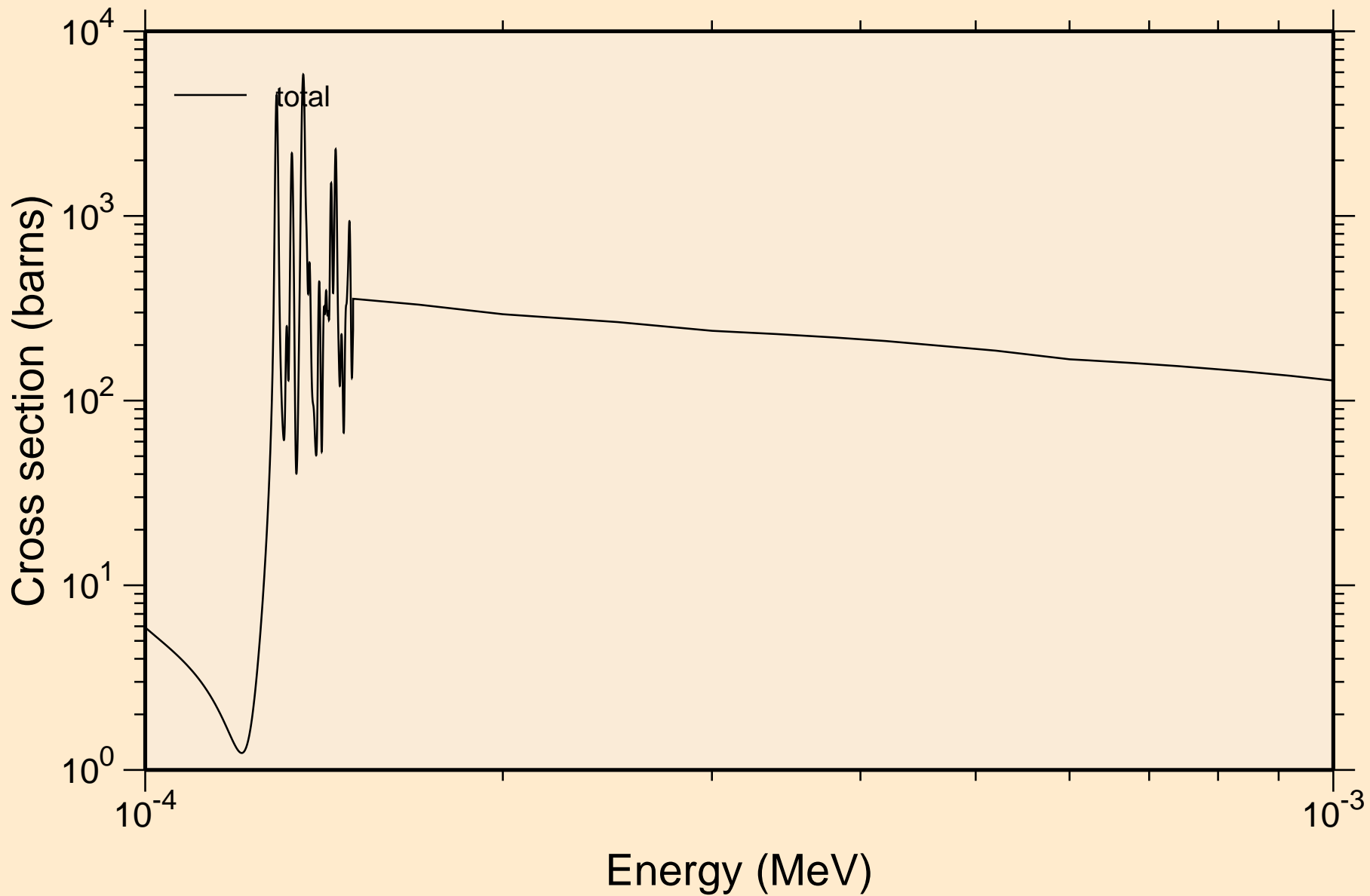
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



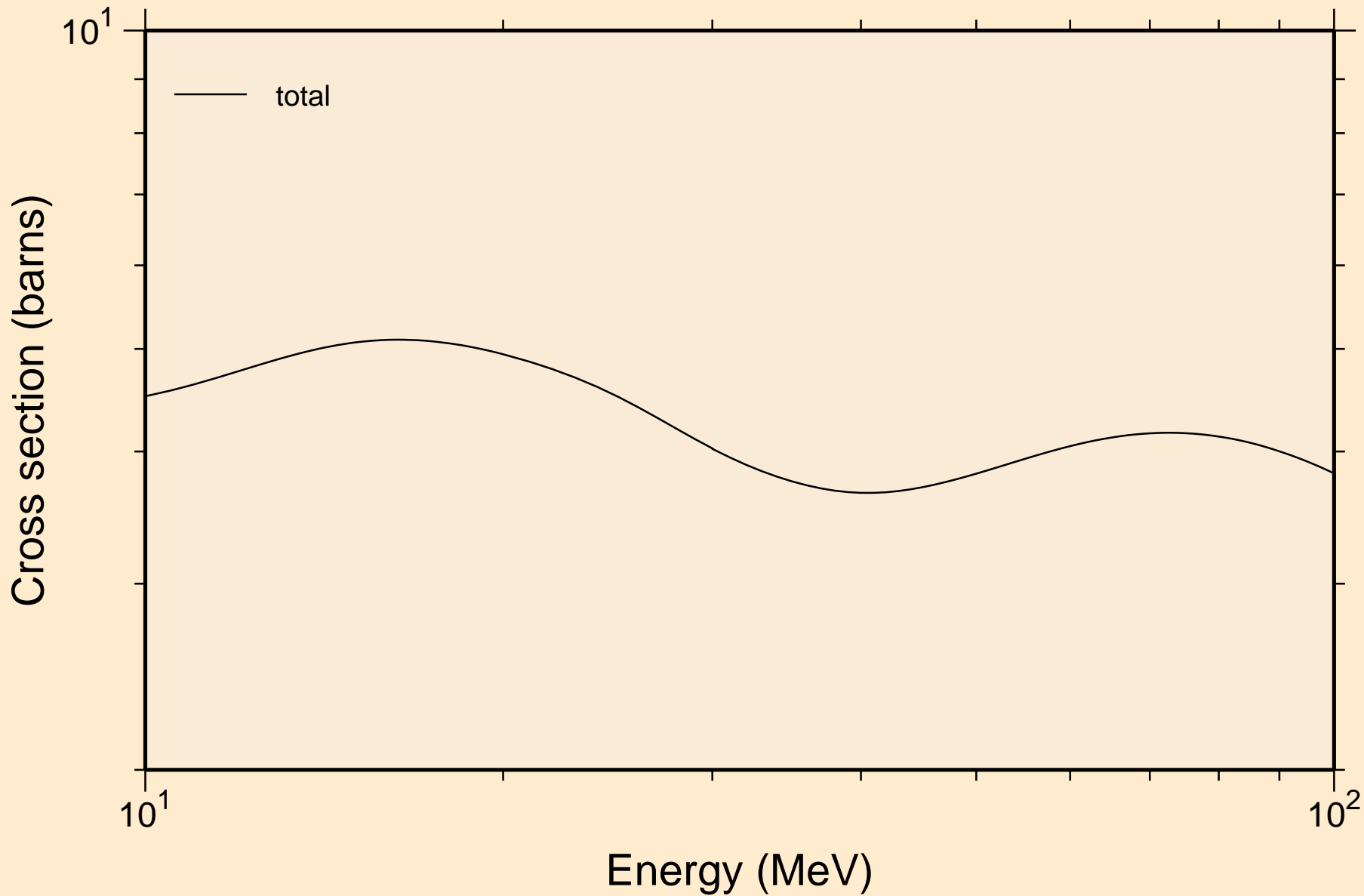
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



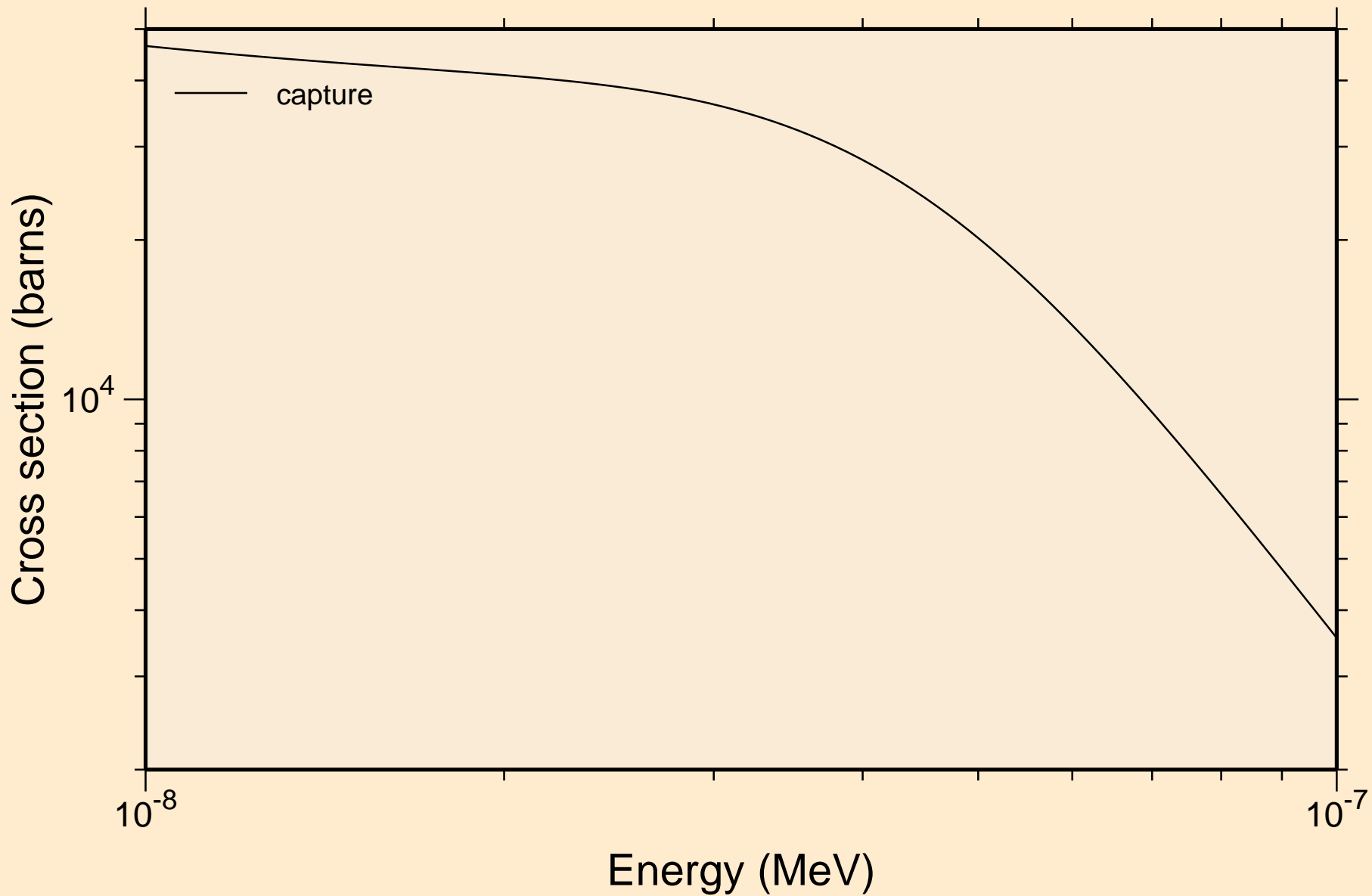
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



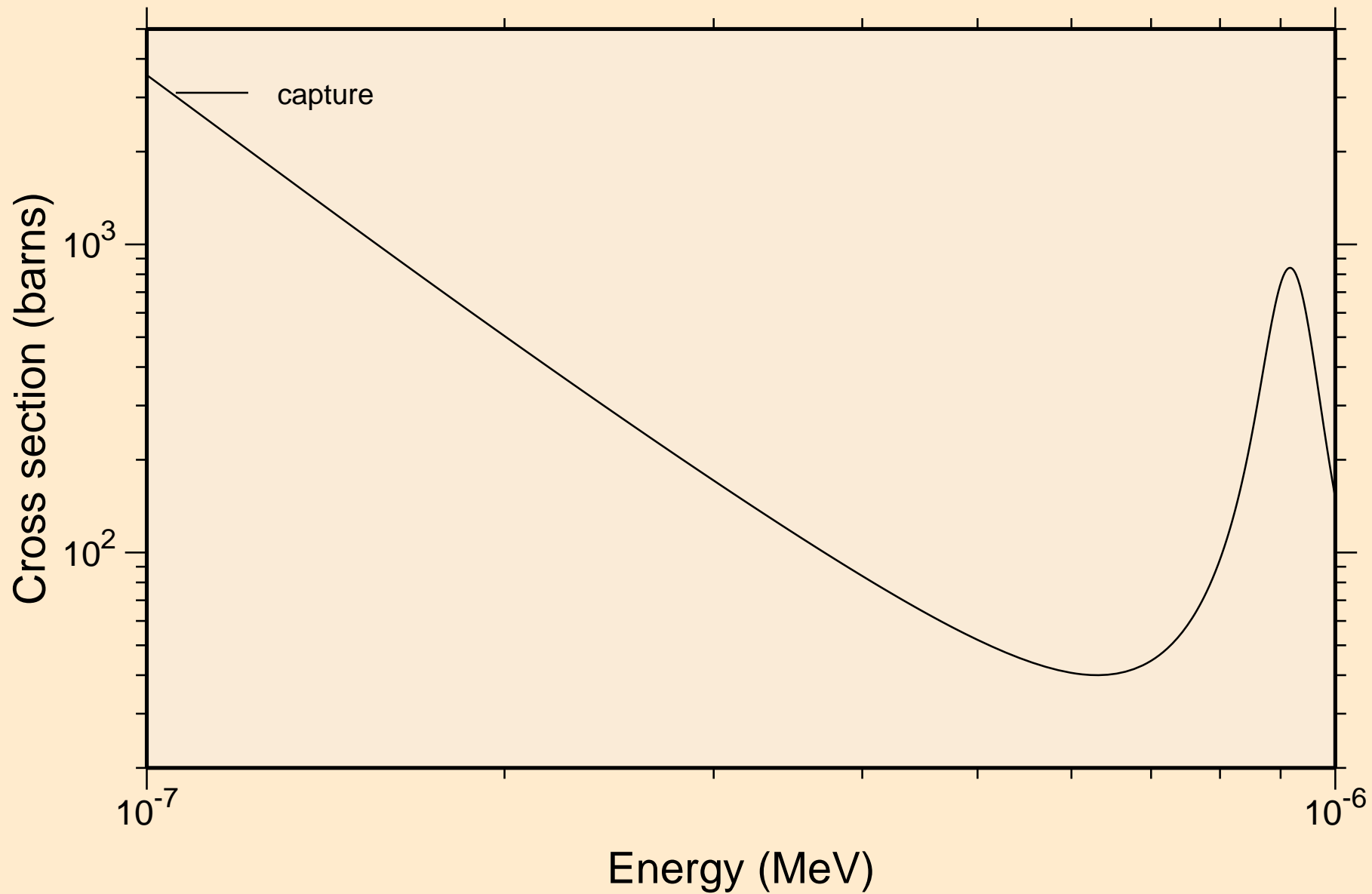
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

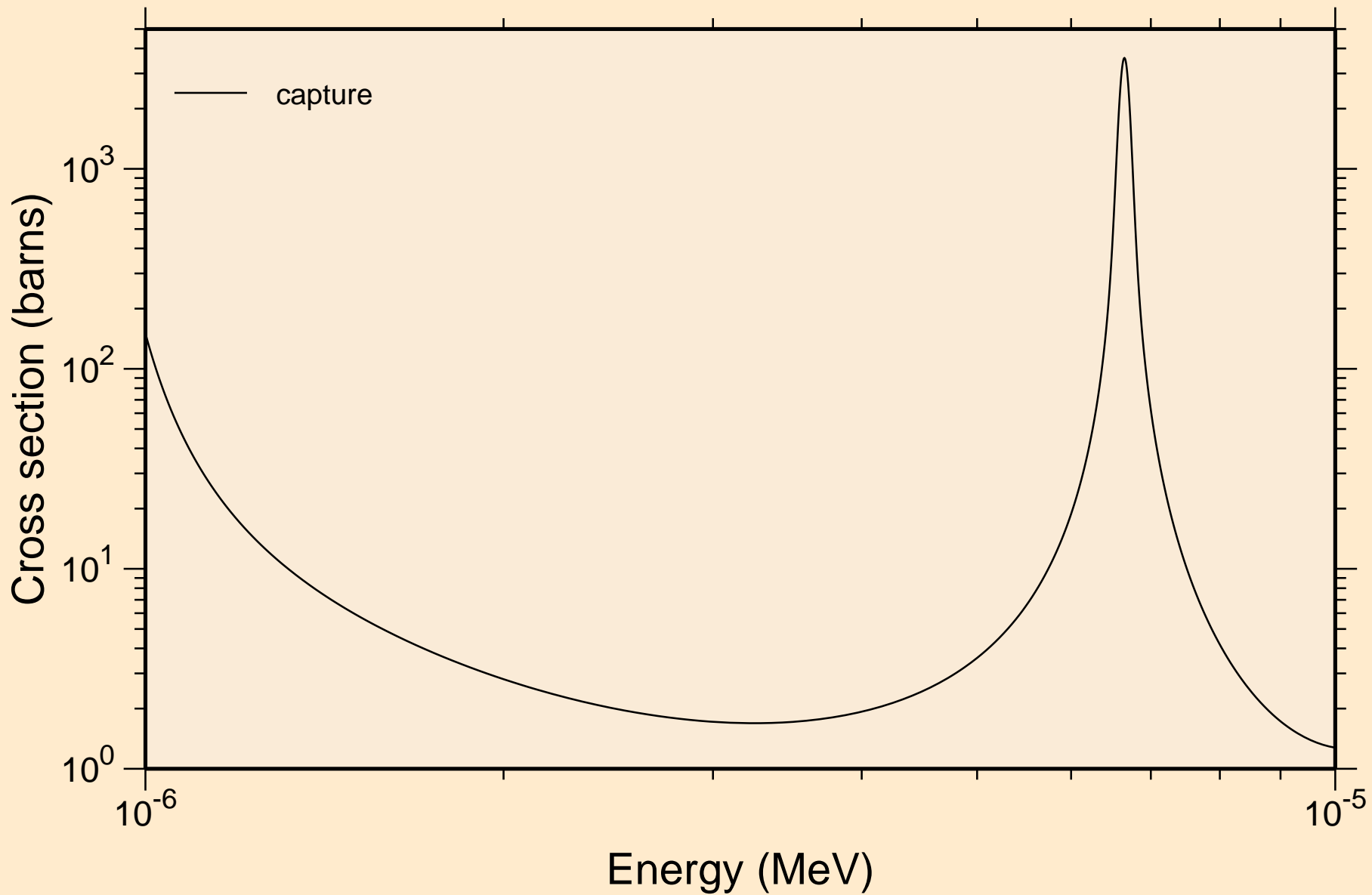


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

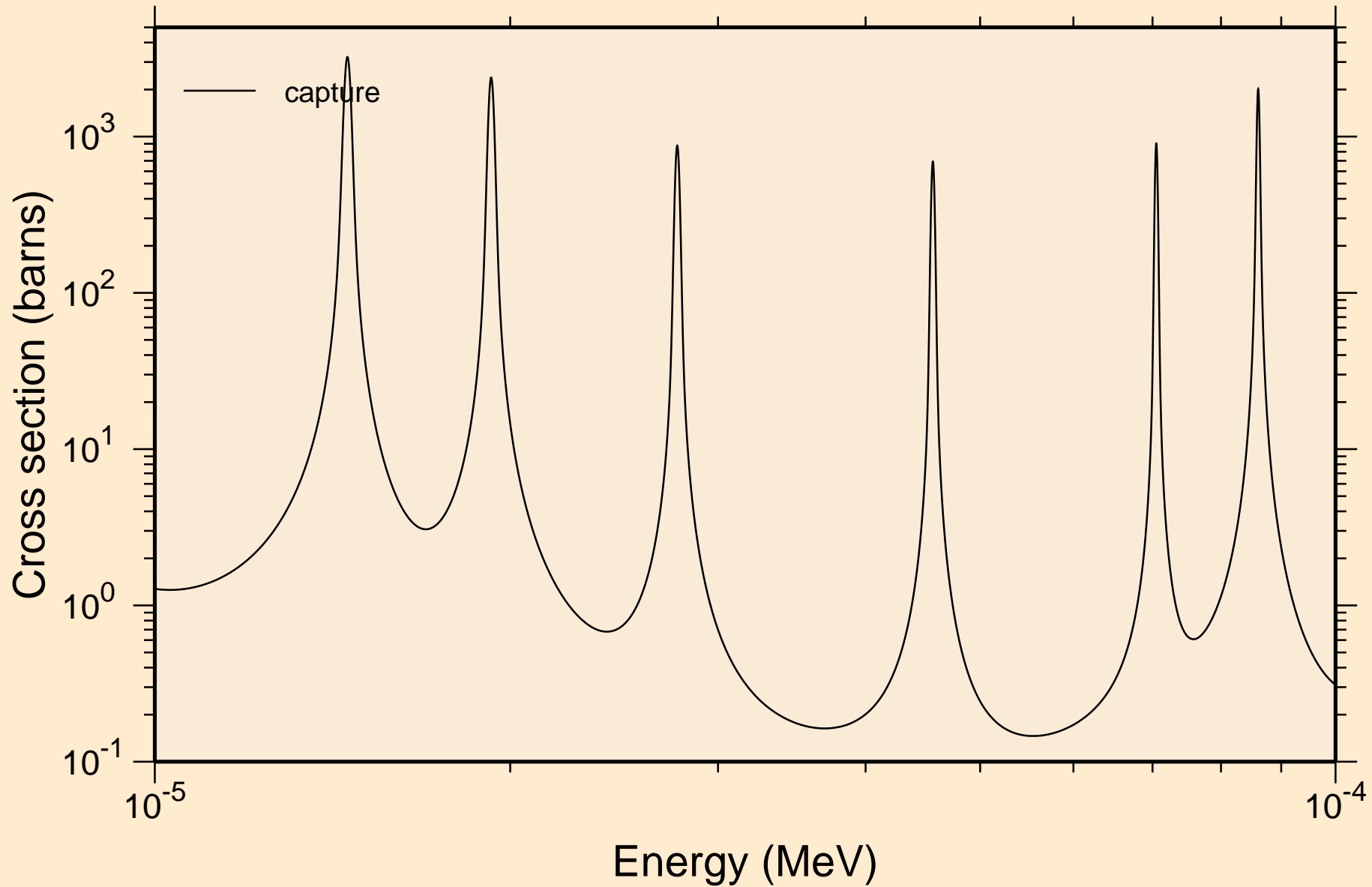




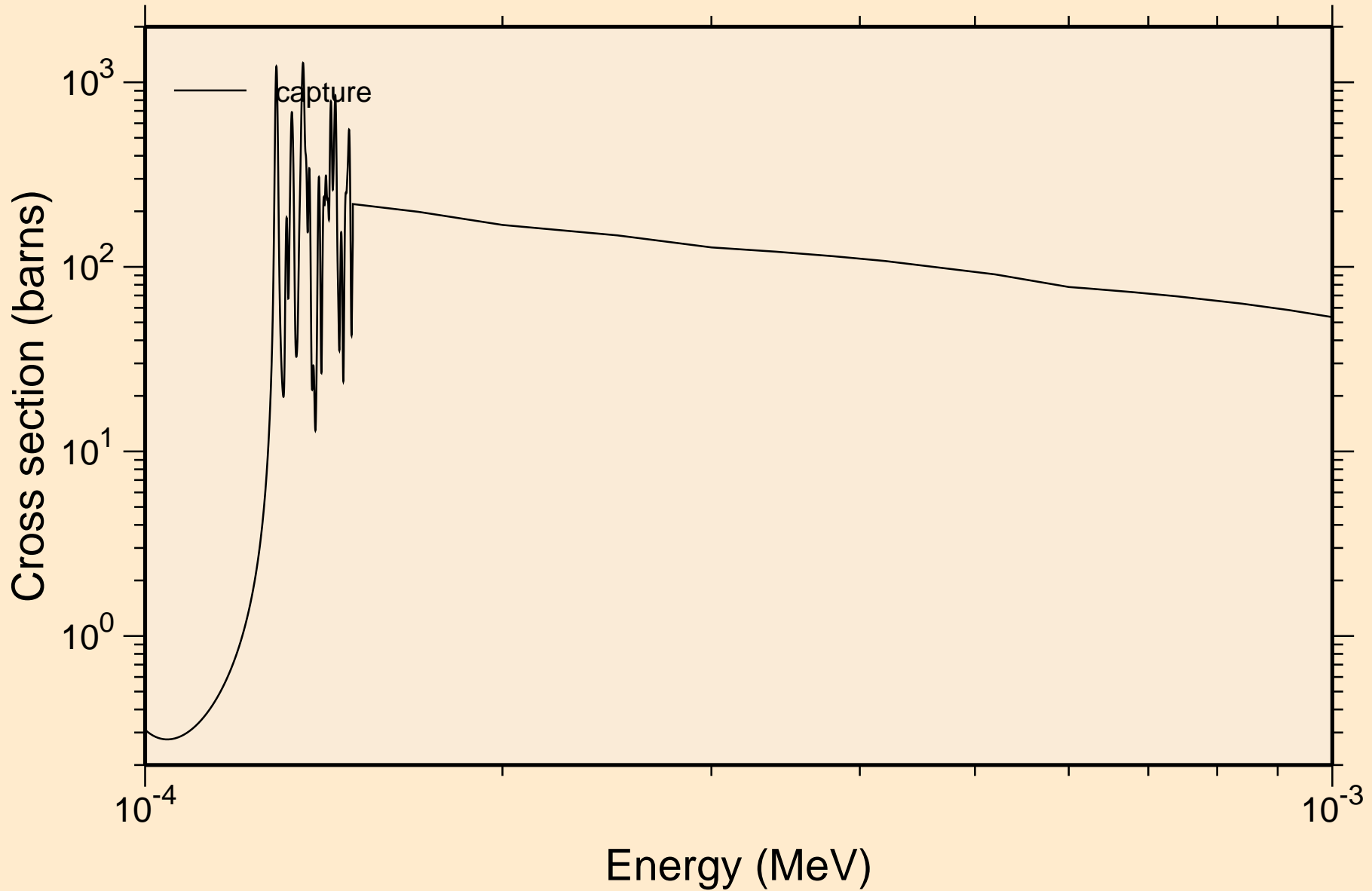
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



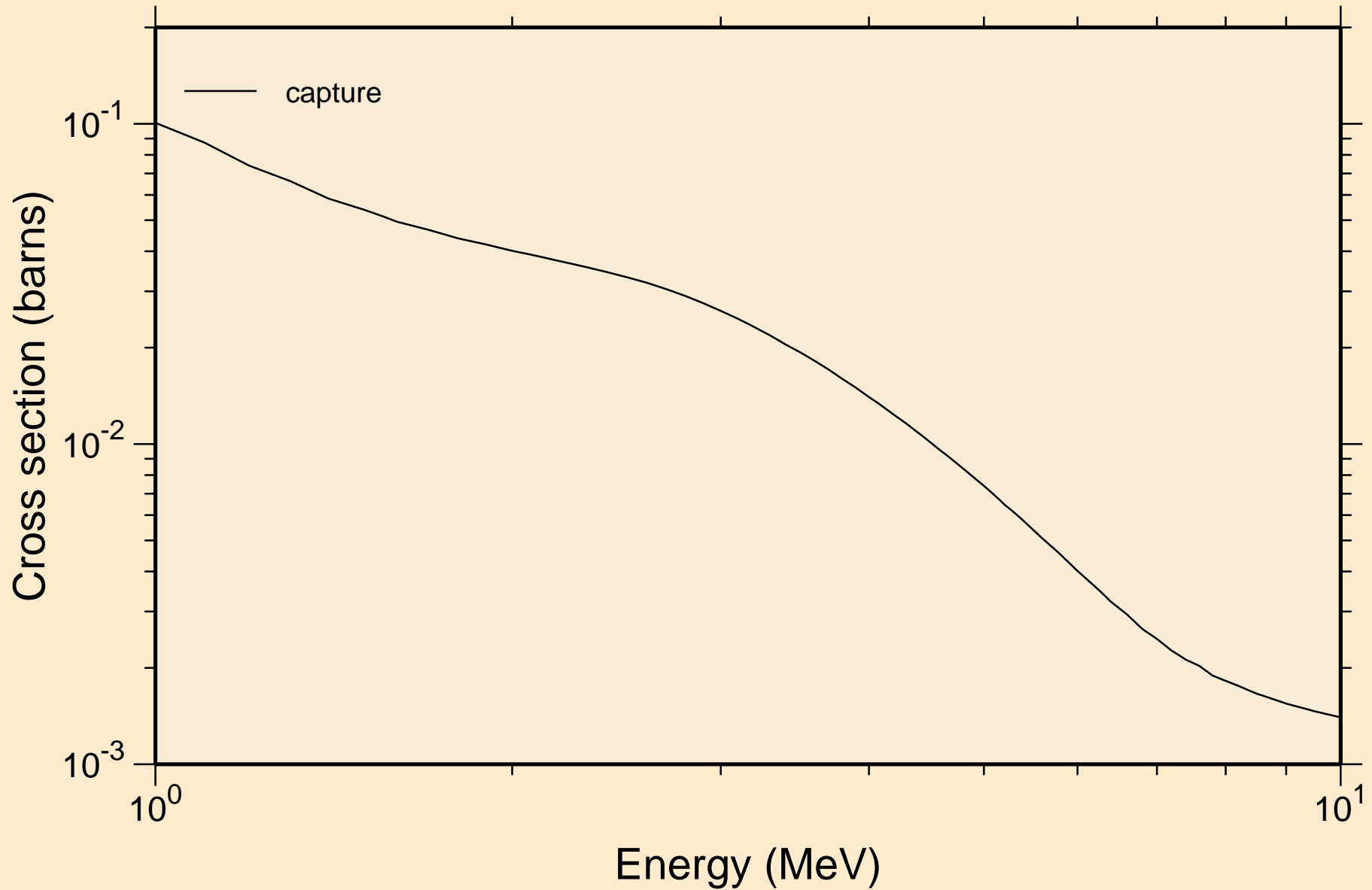
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



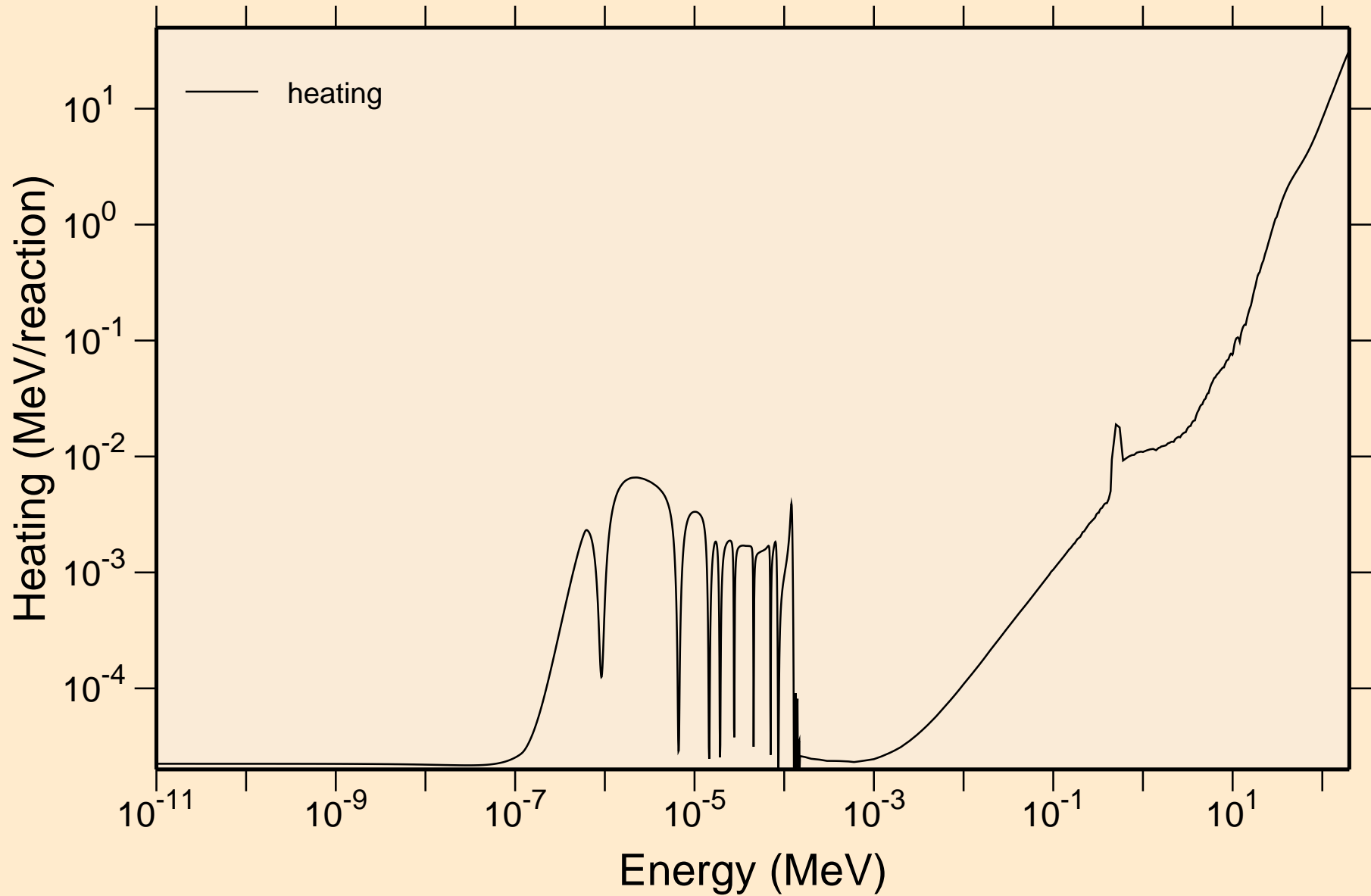
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



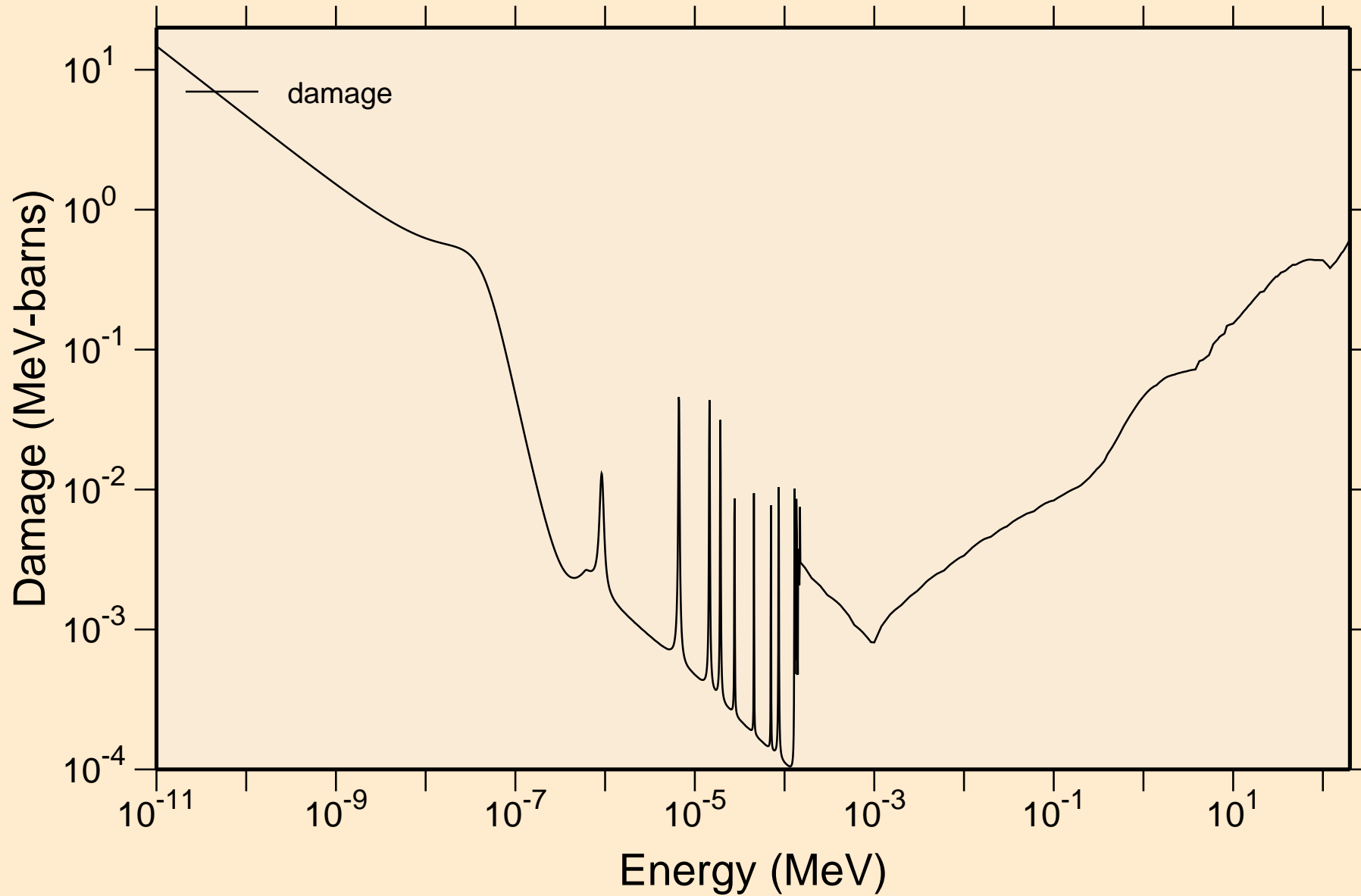
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

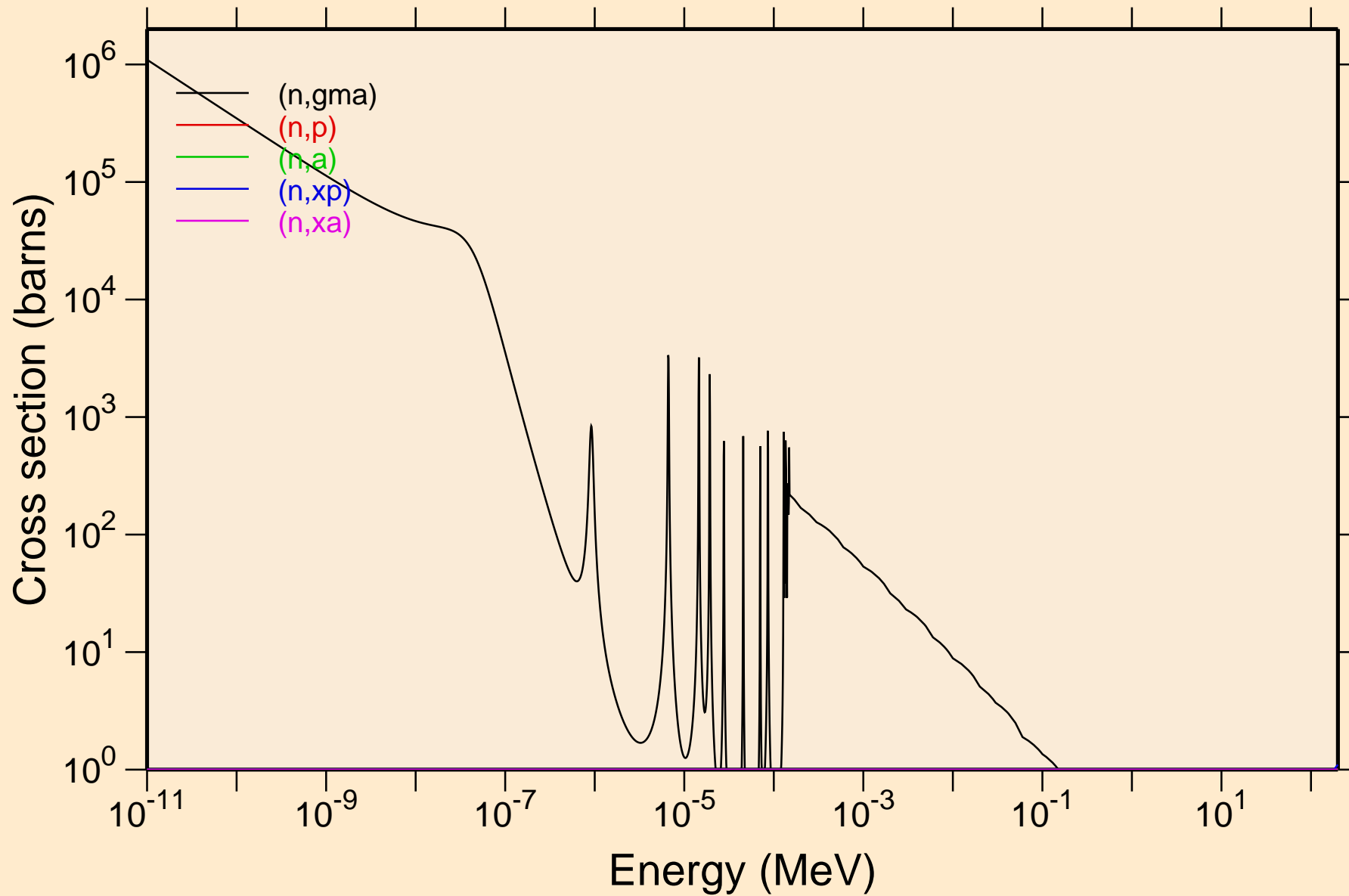


# GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K Damage



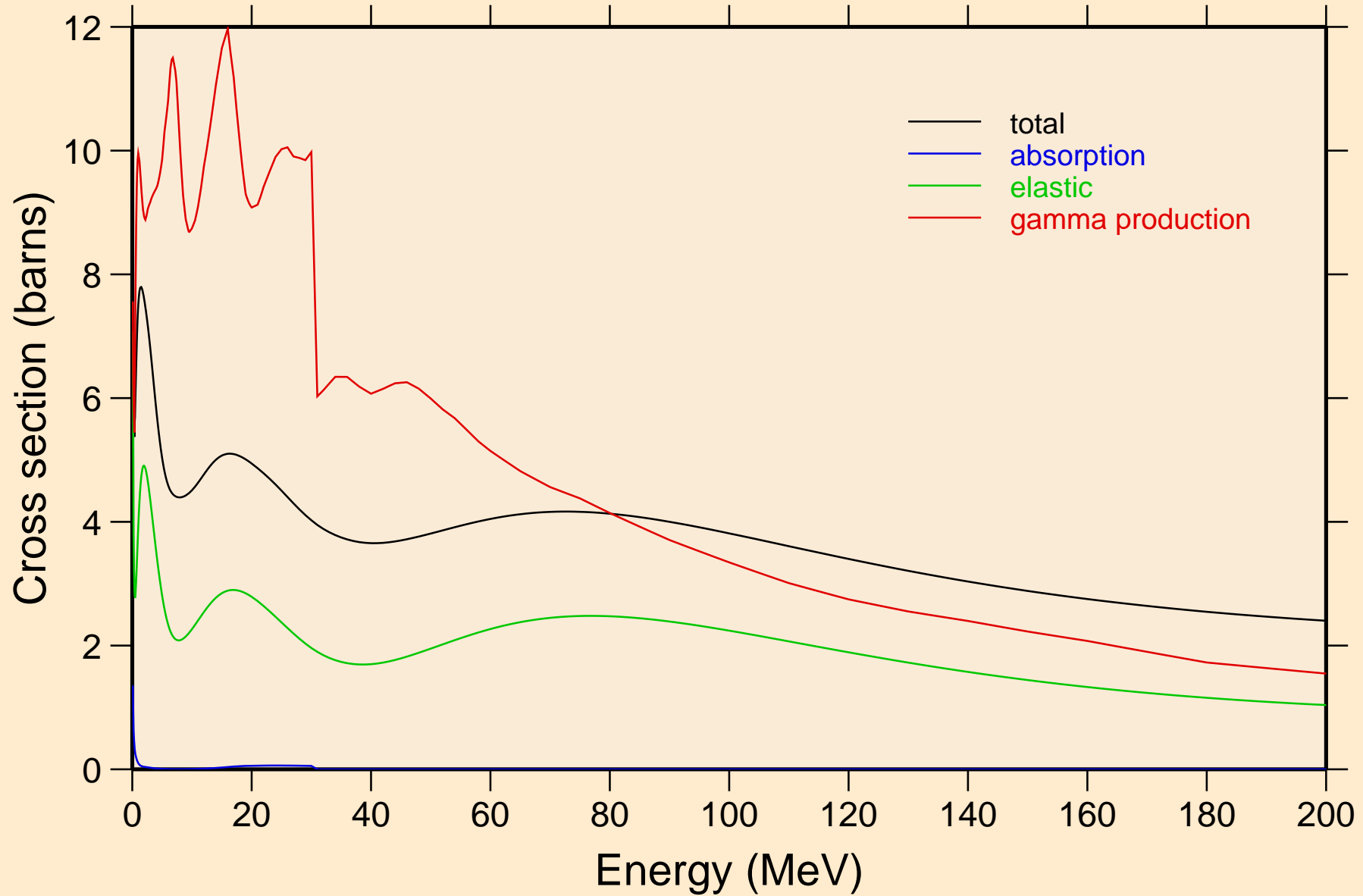
# GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions



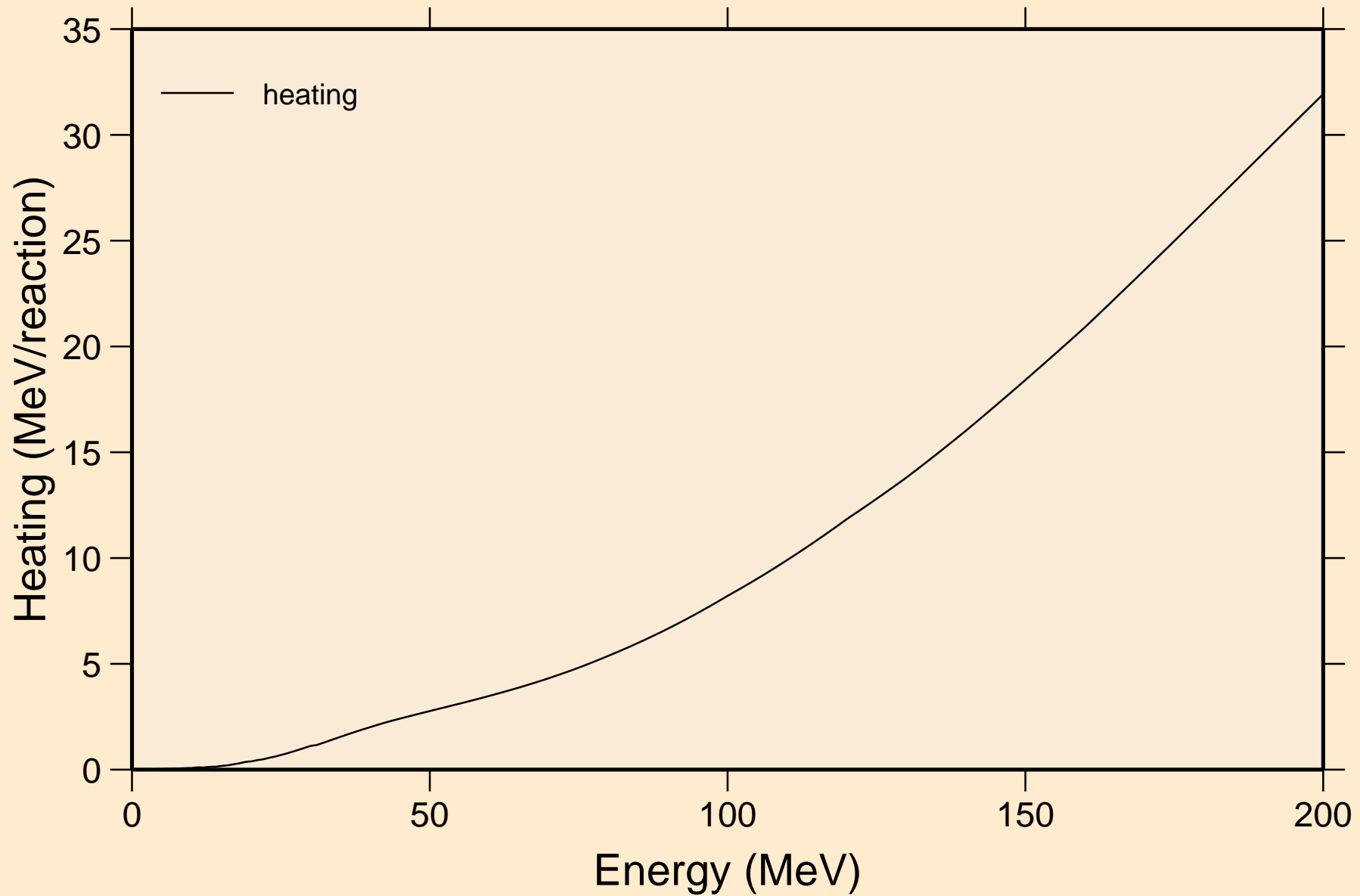
# GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

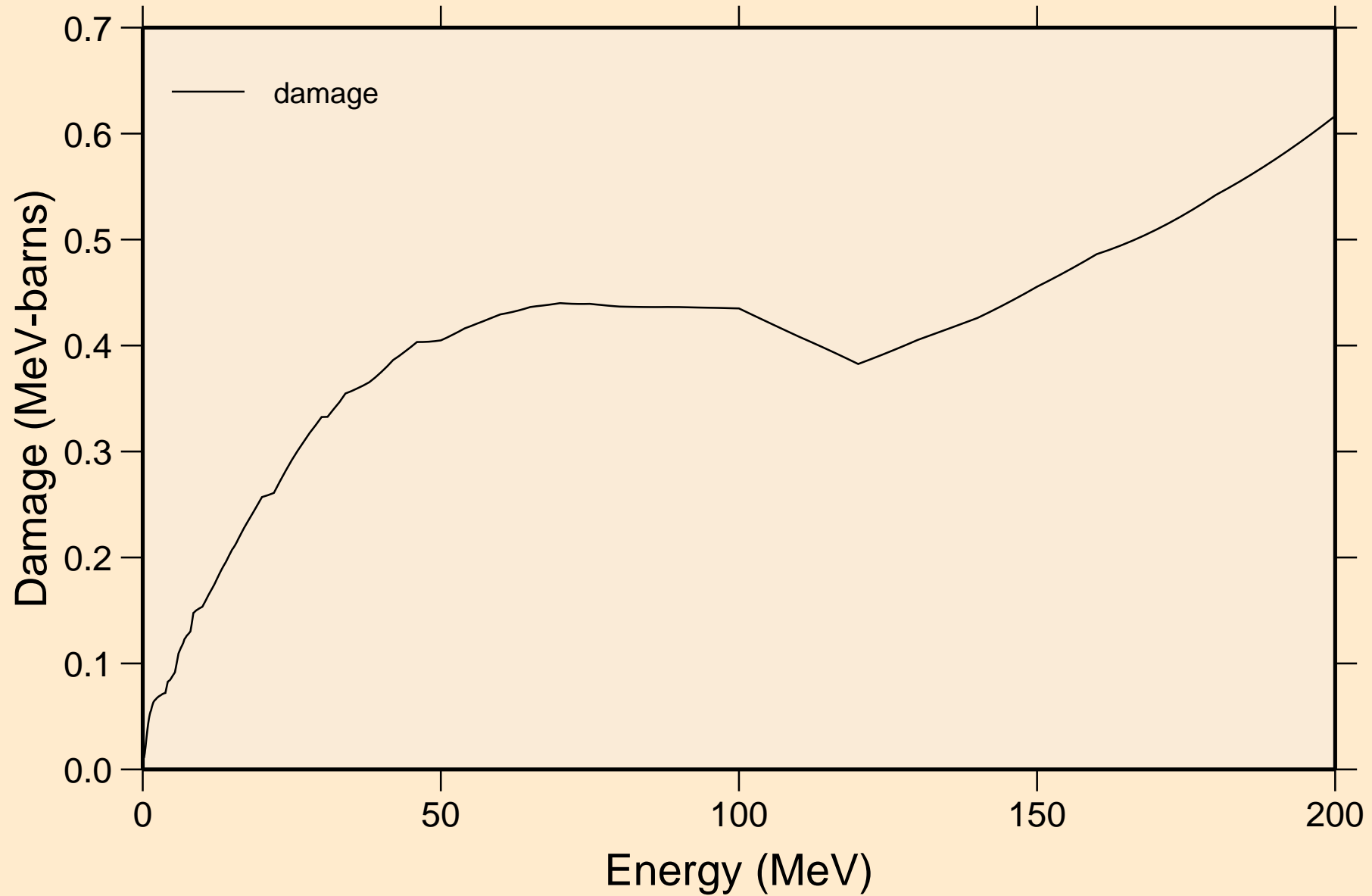




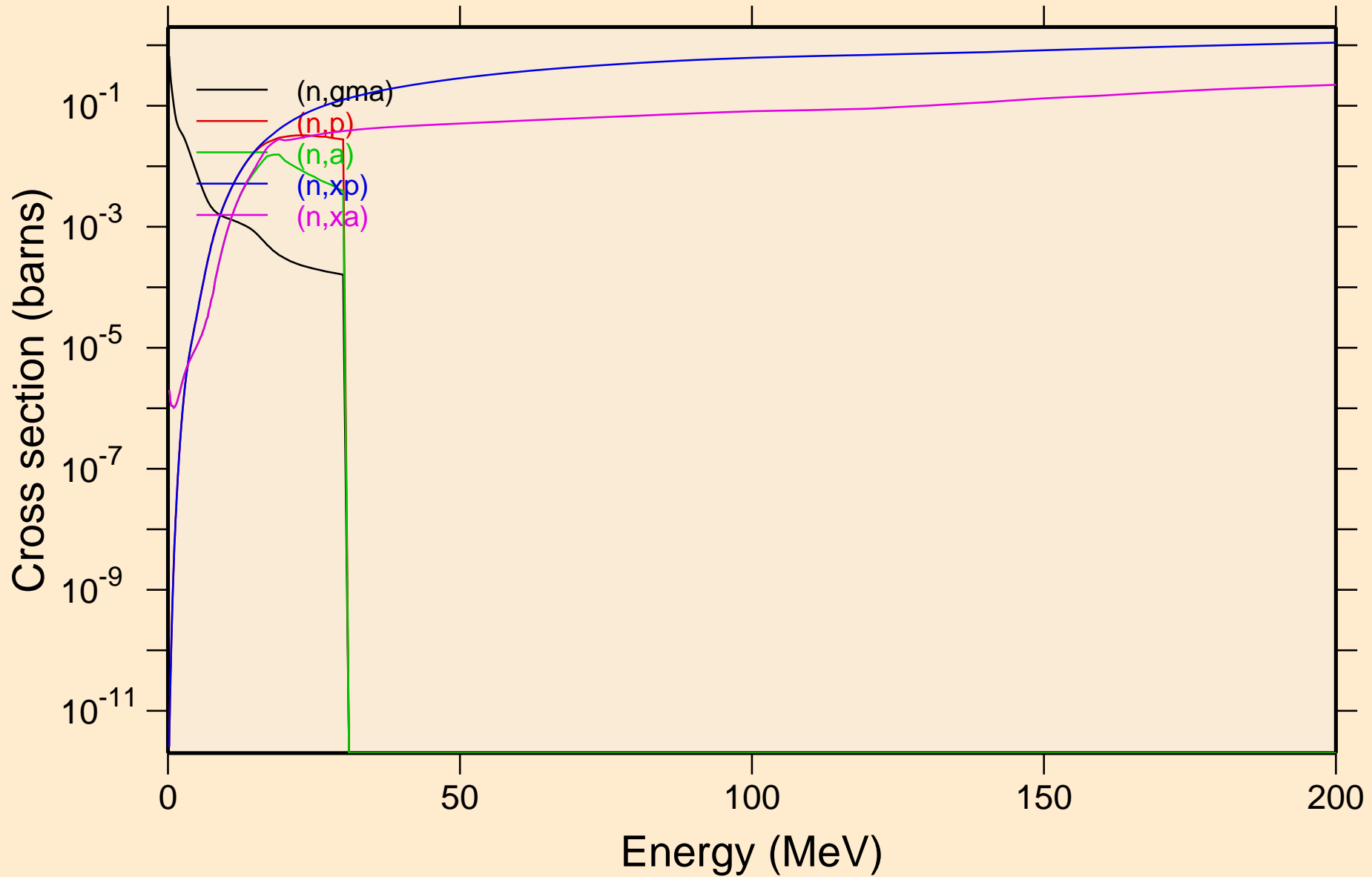
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



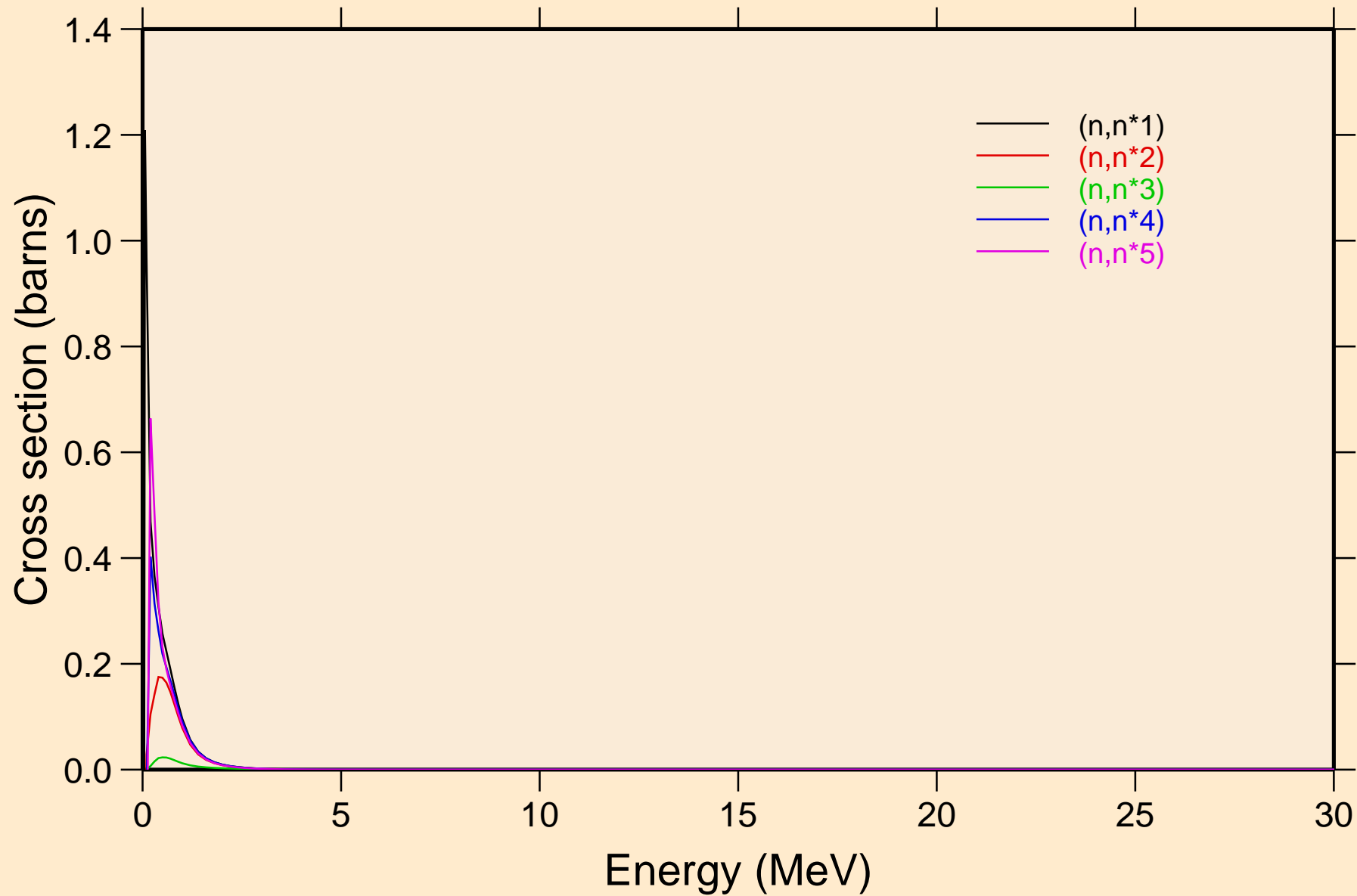
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



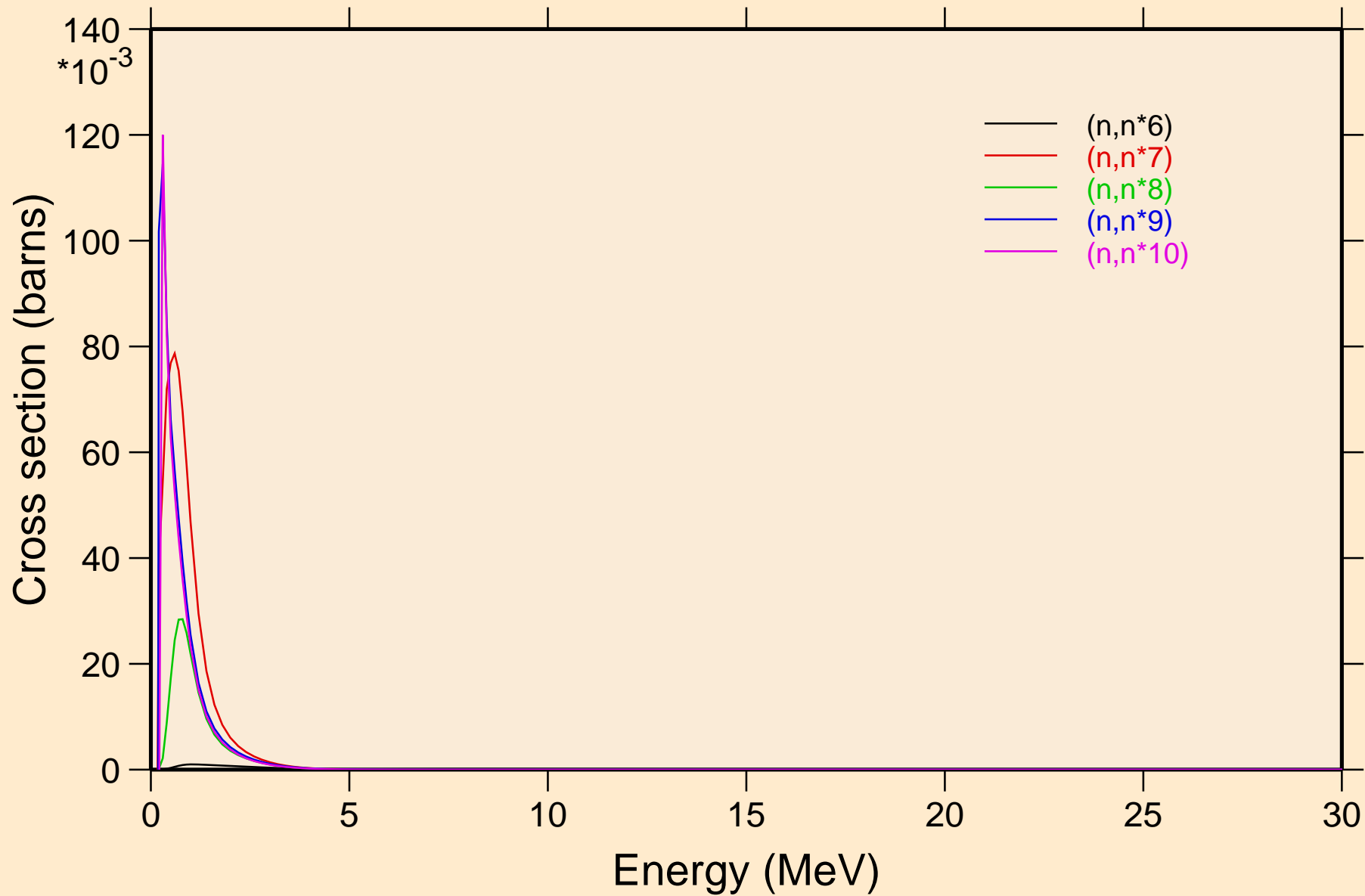
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



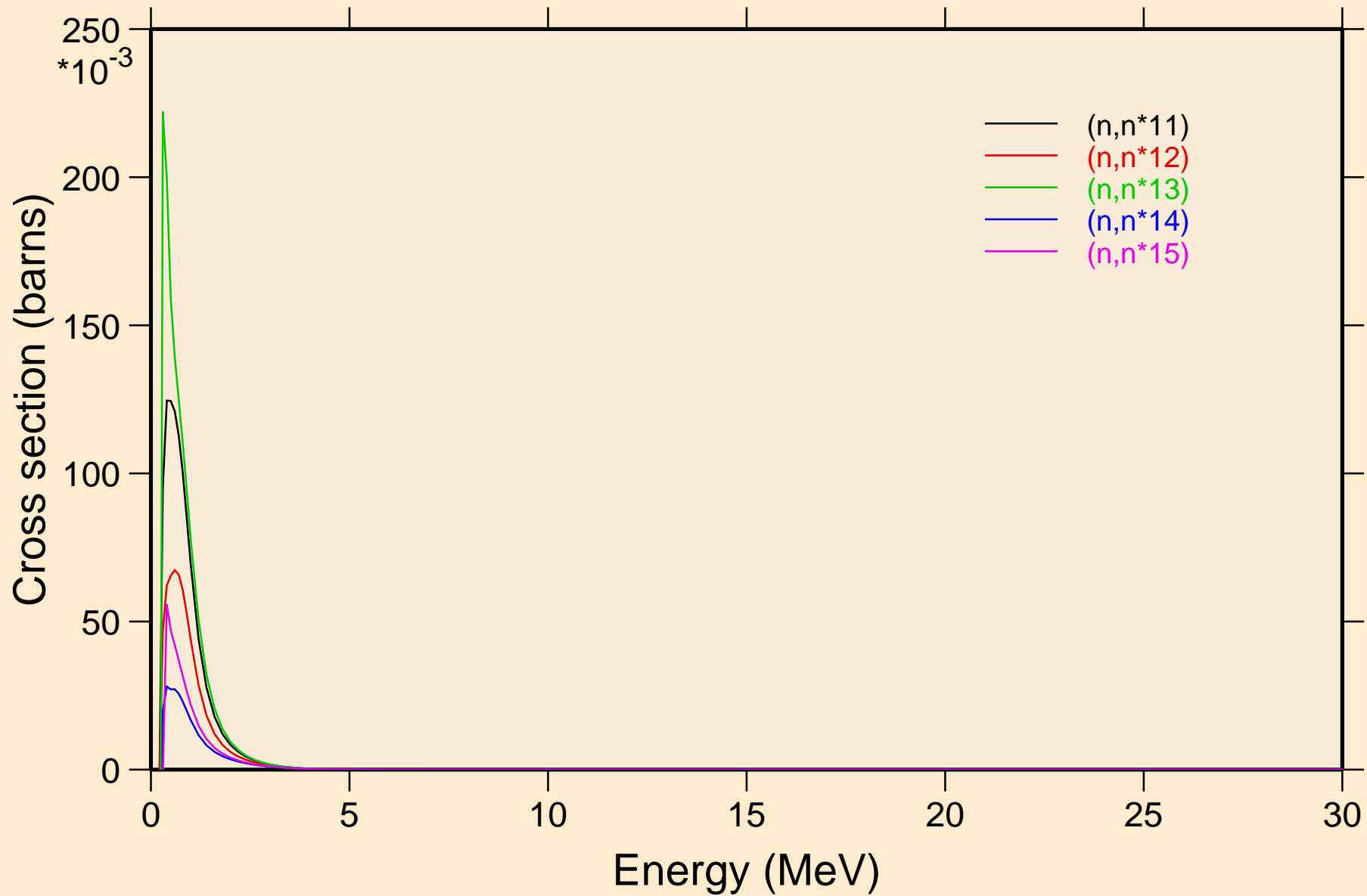
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



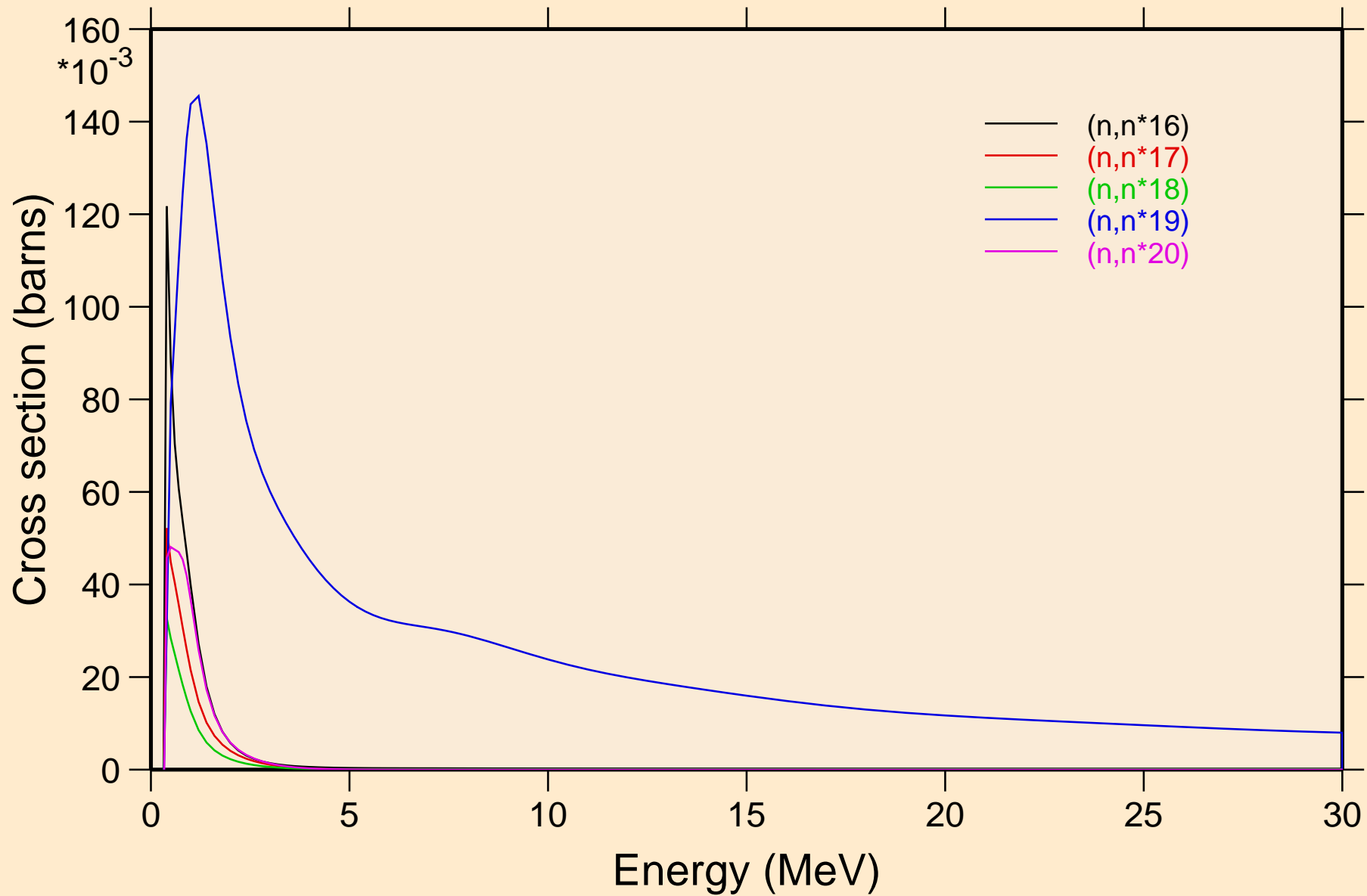
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



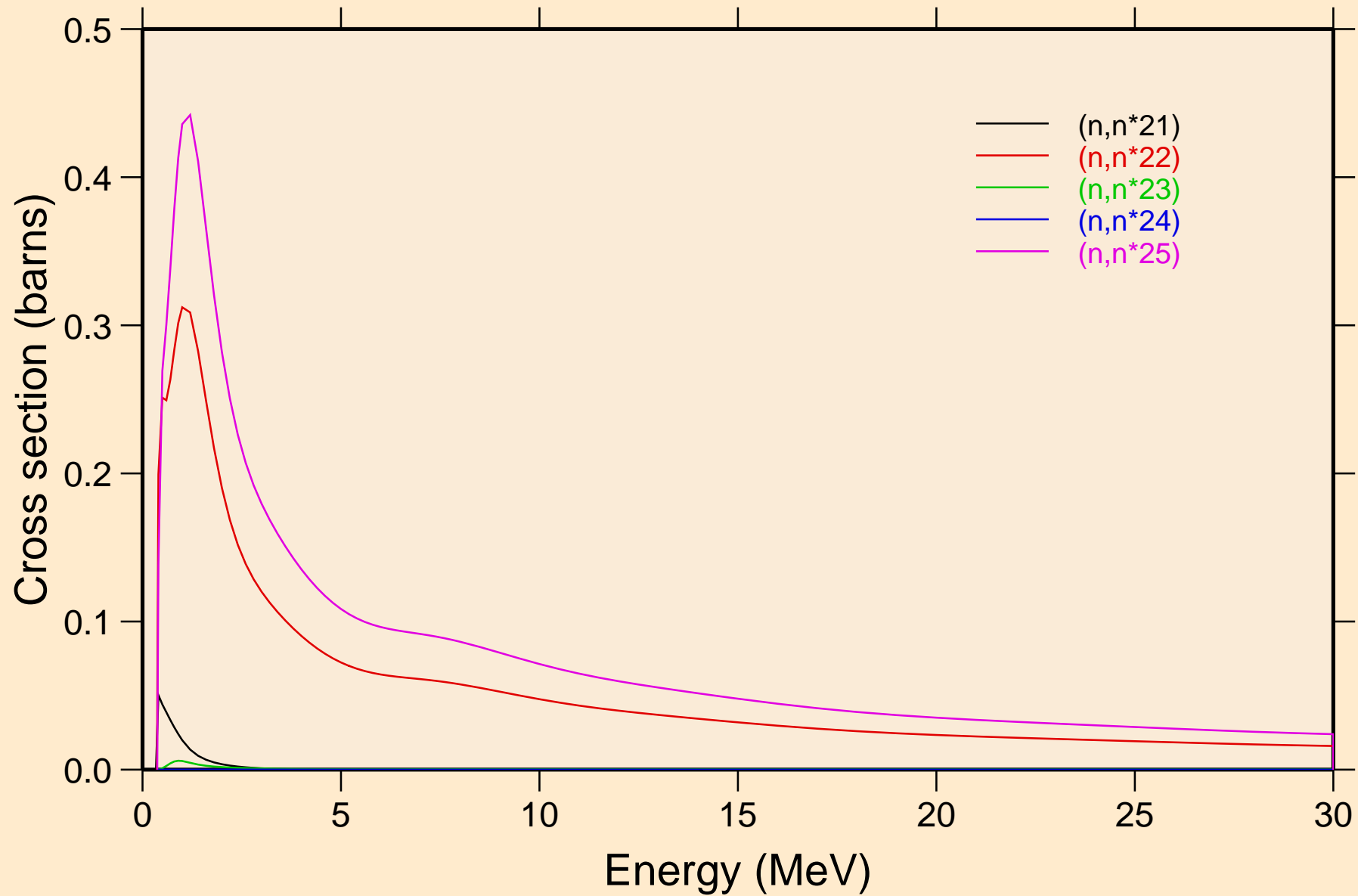
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

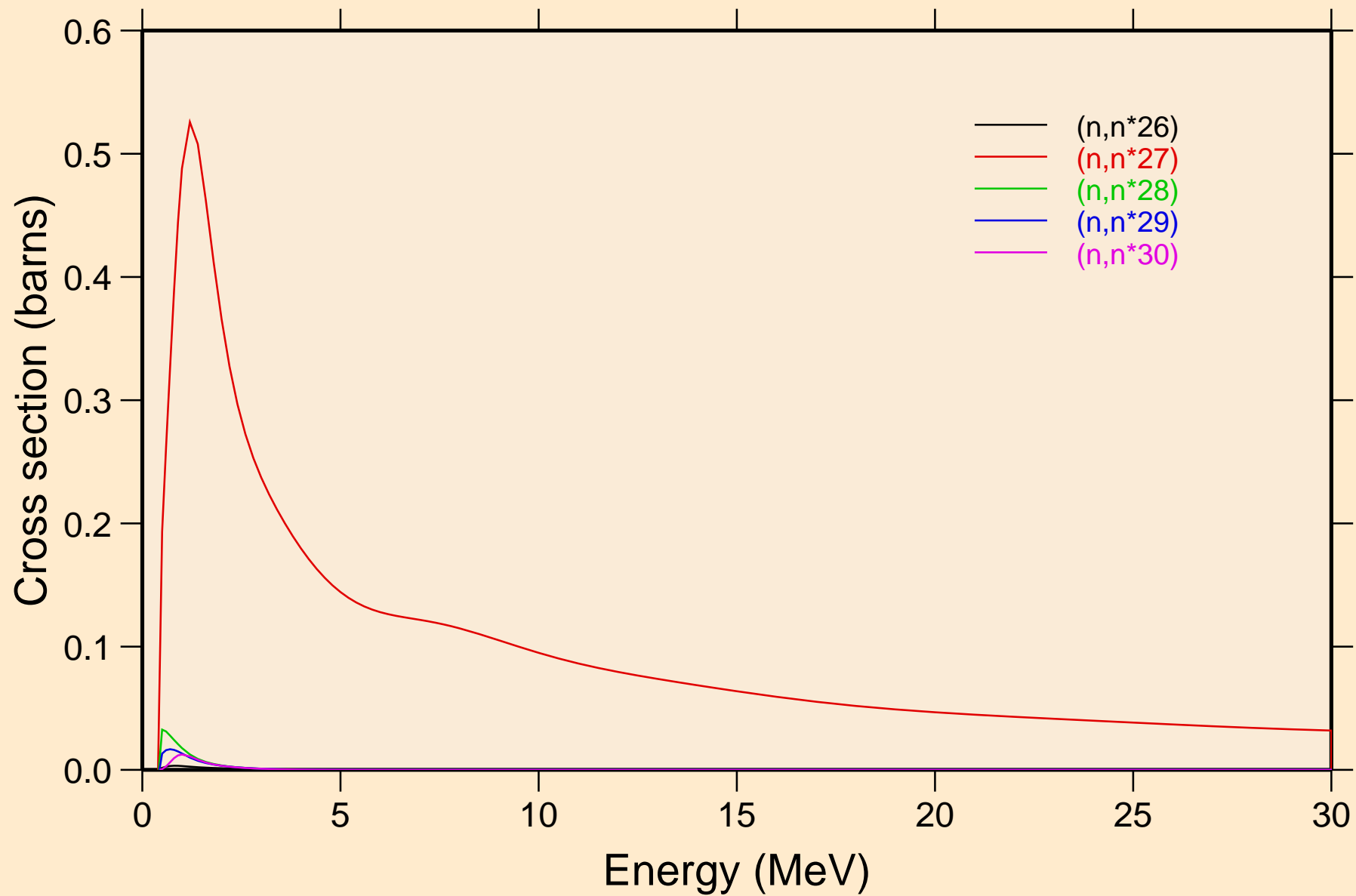


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



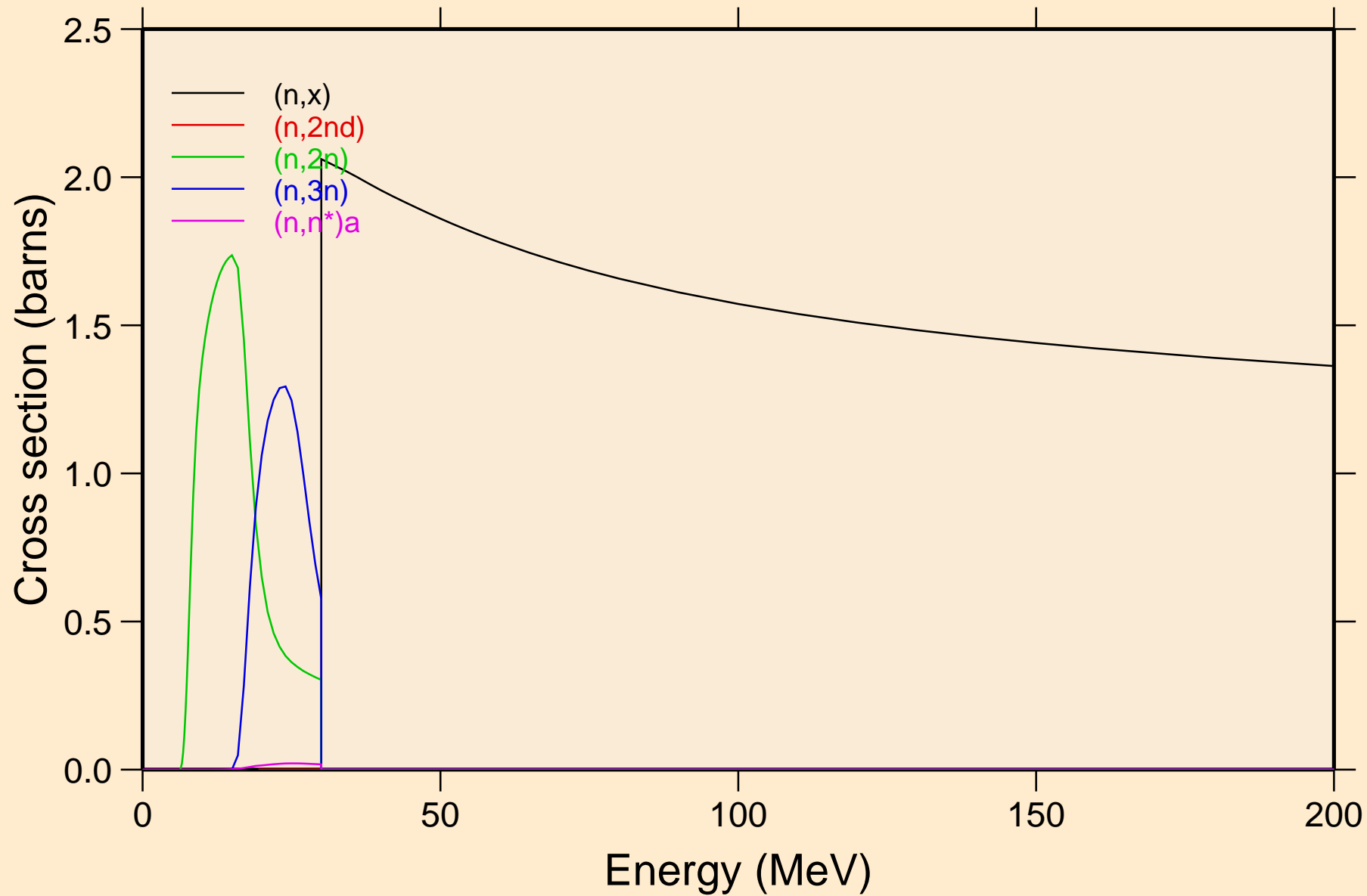


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

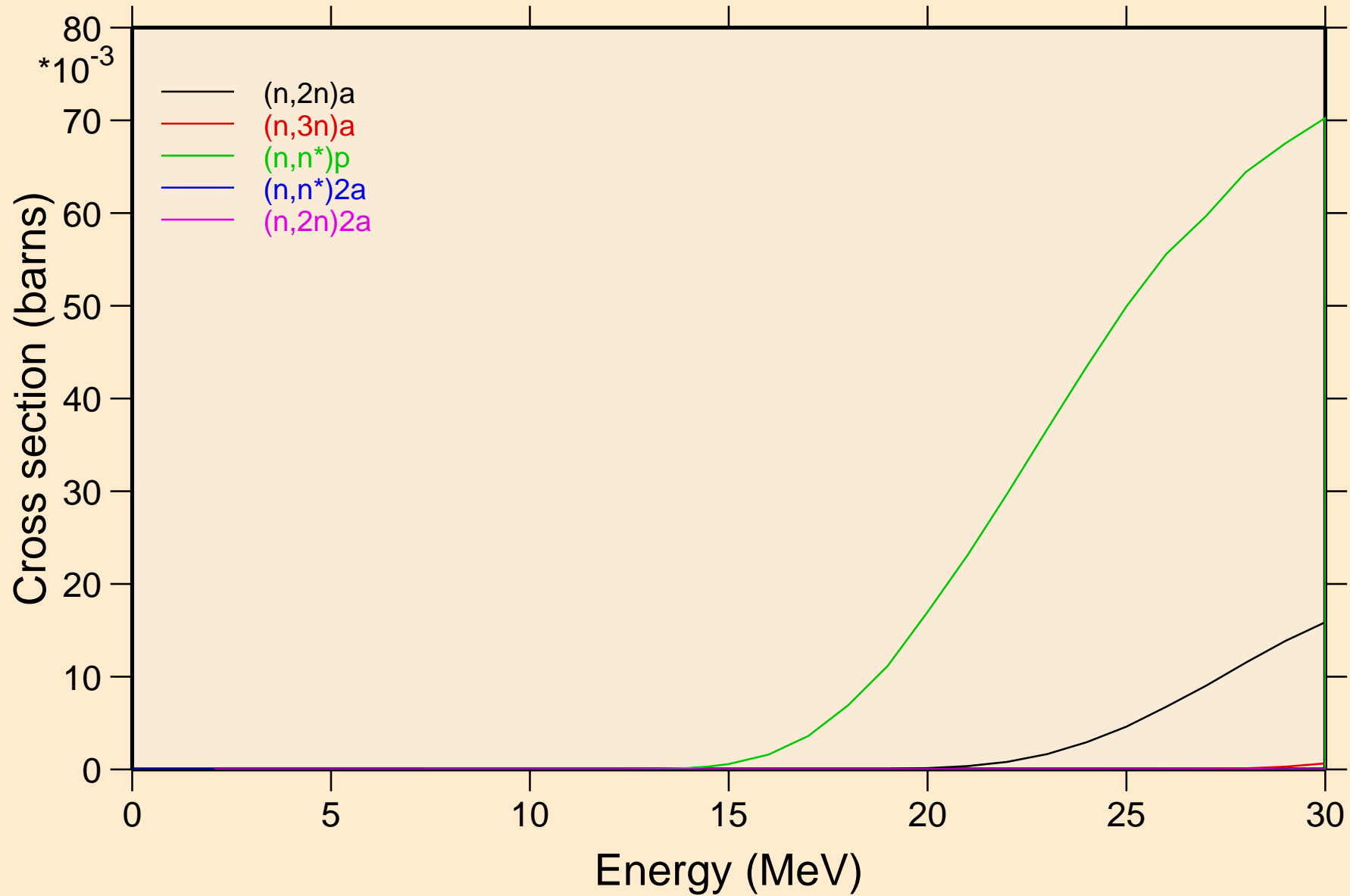


# GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

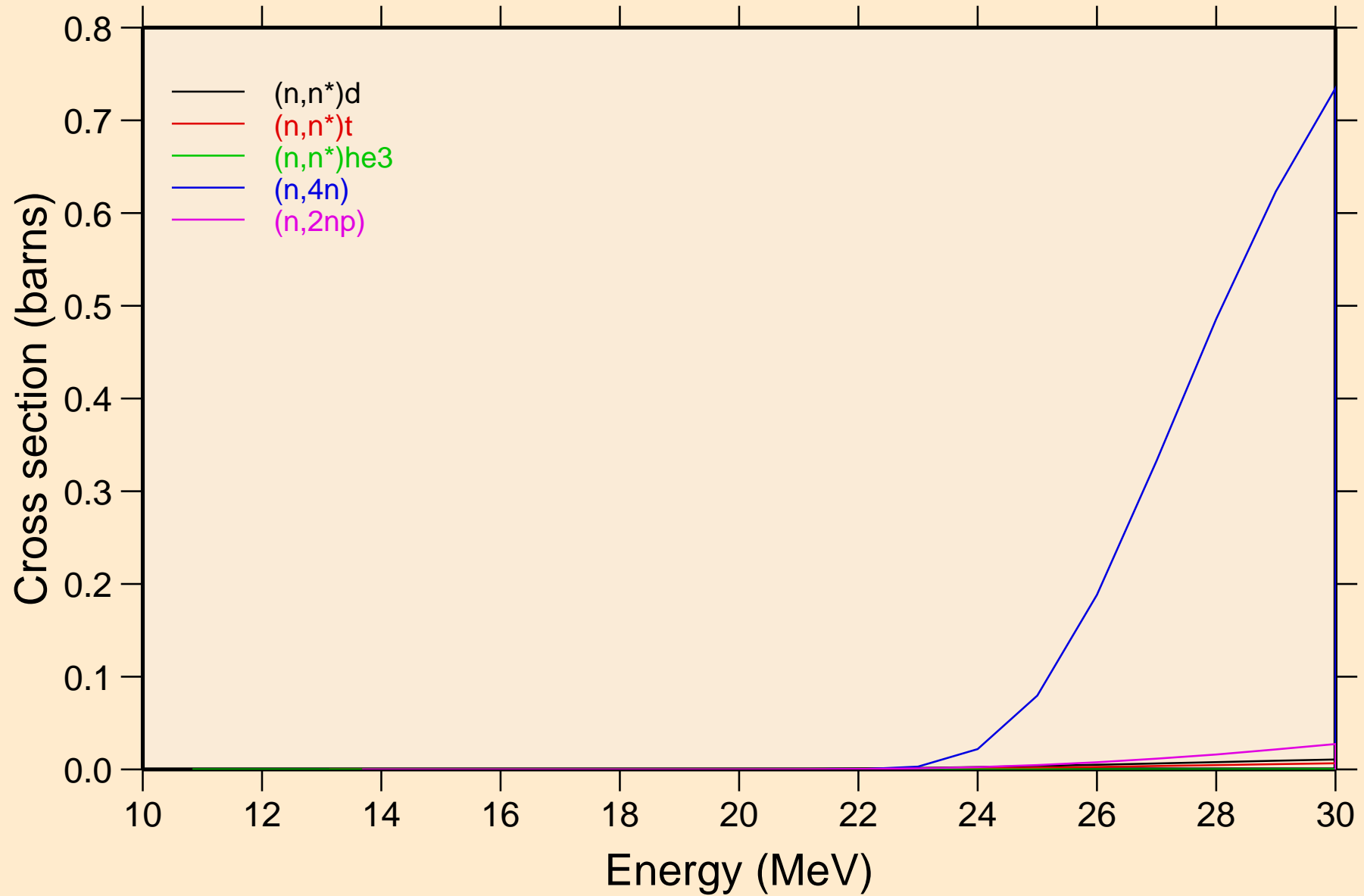
## Threshold reactions



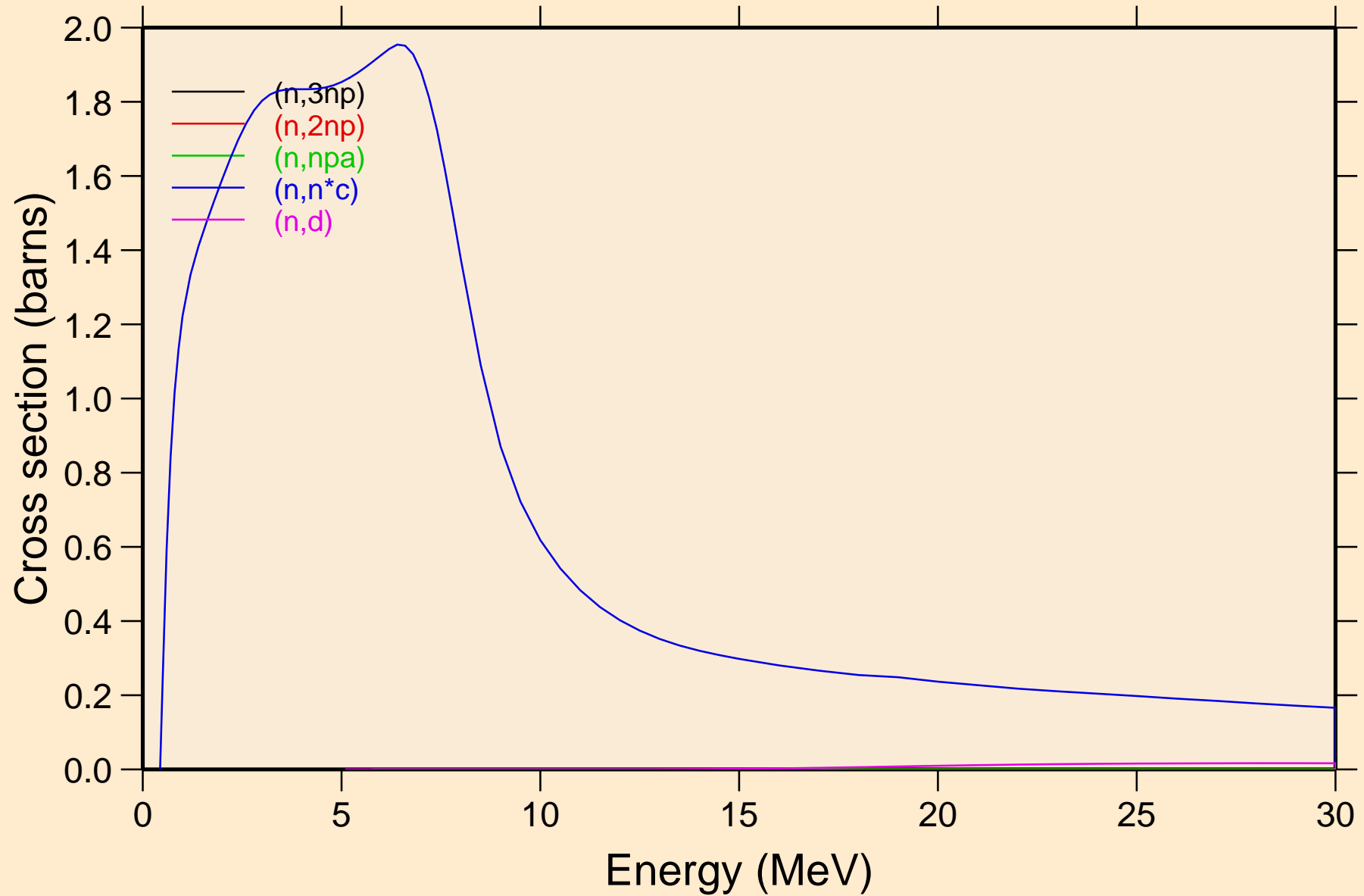
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



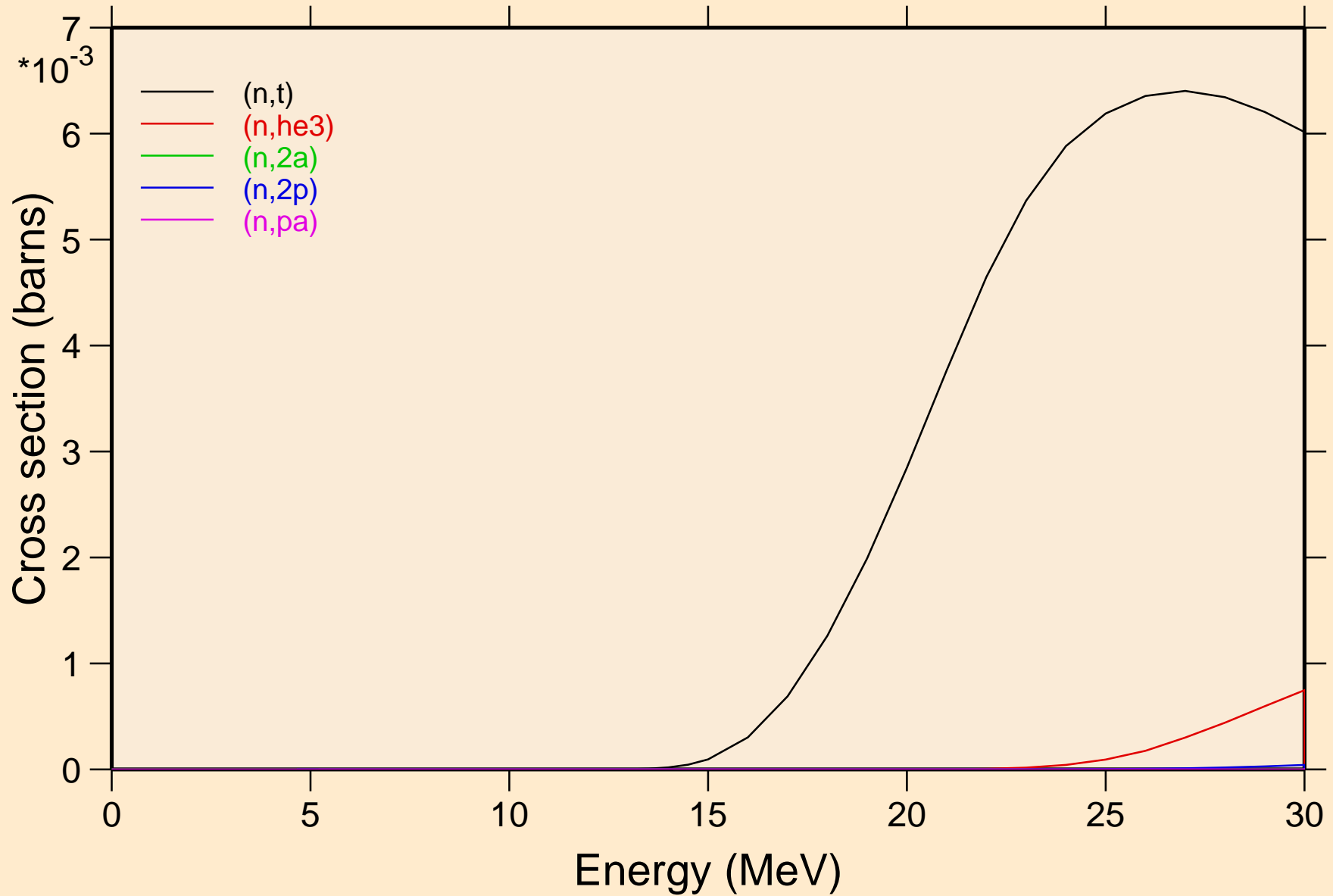
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



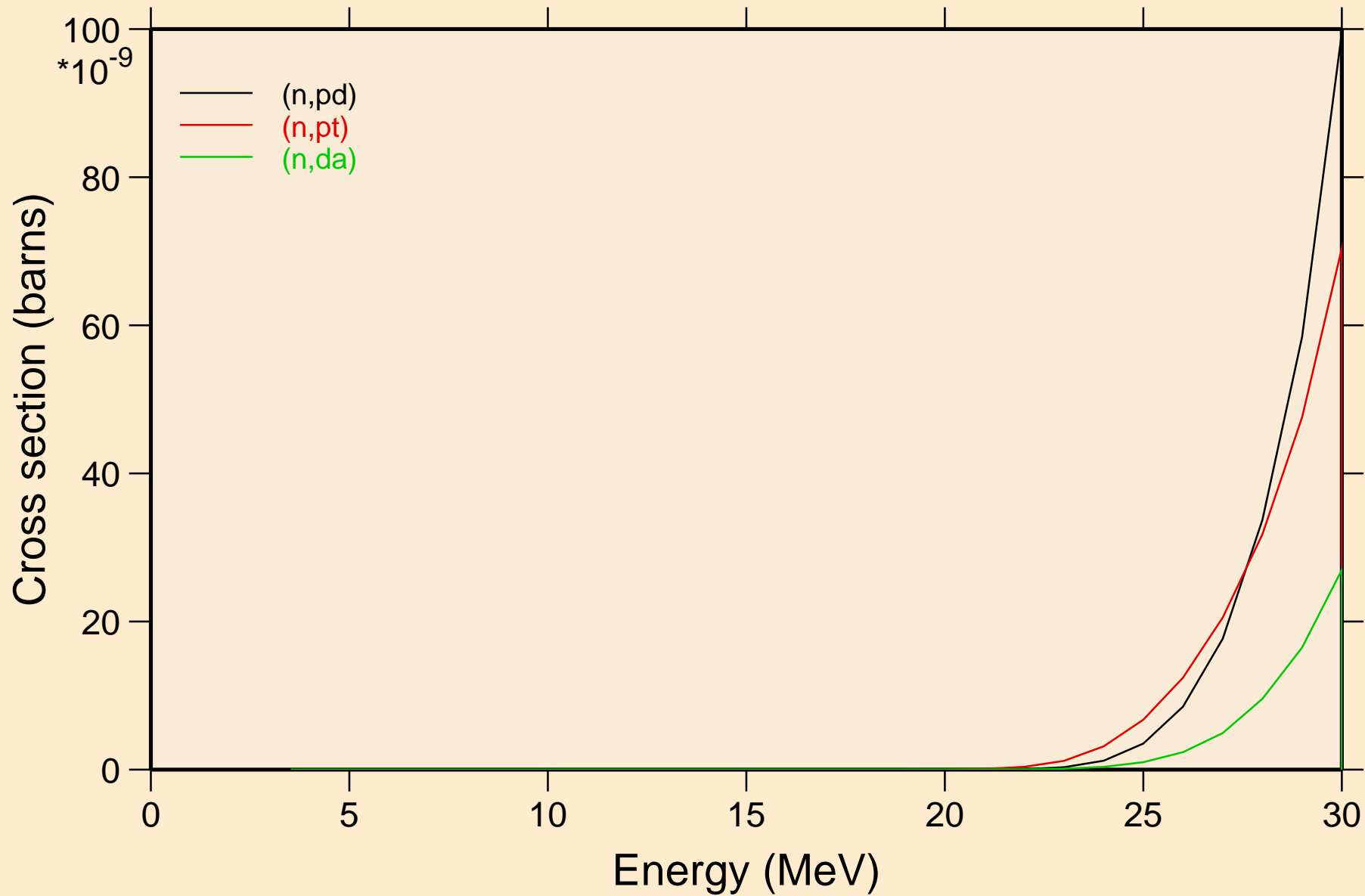
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

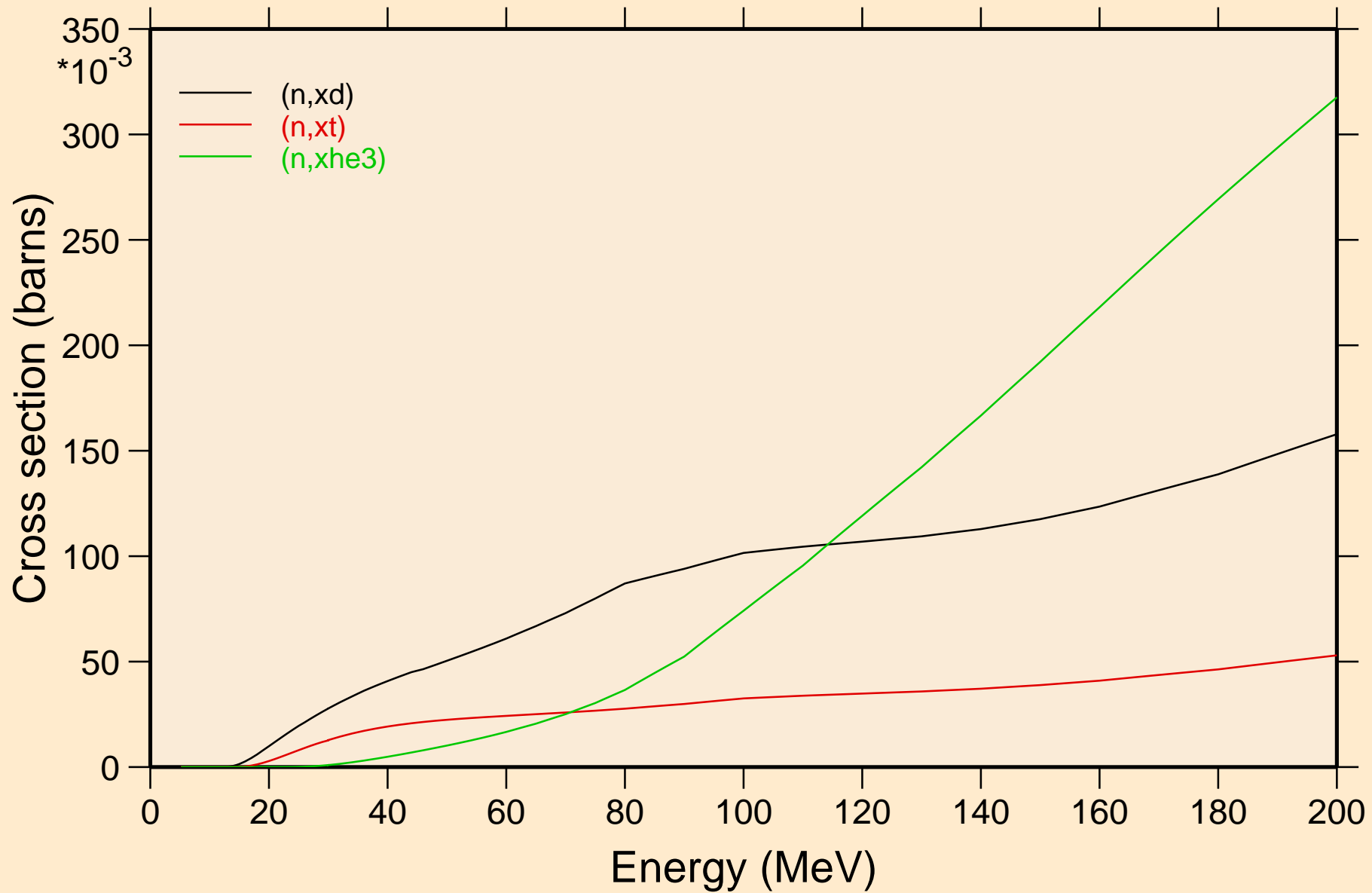


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



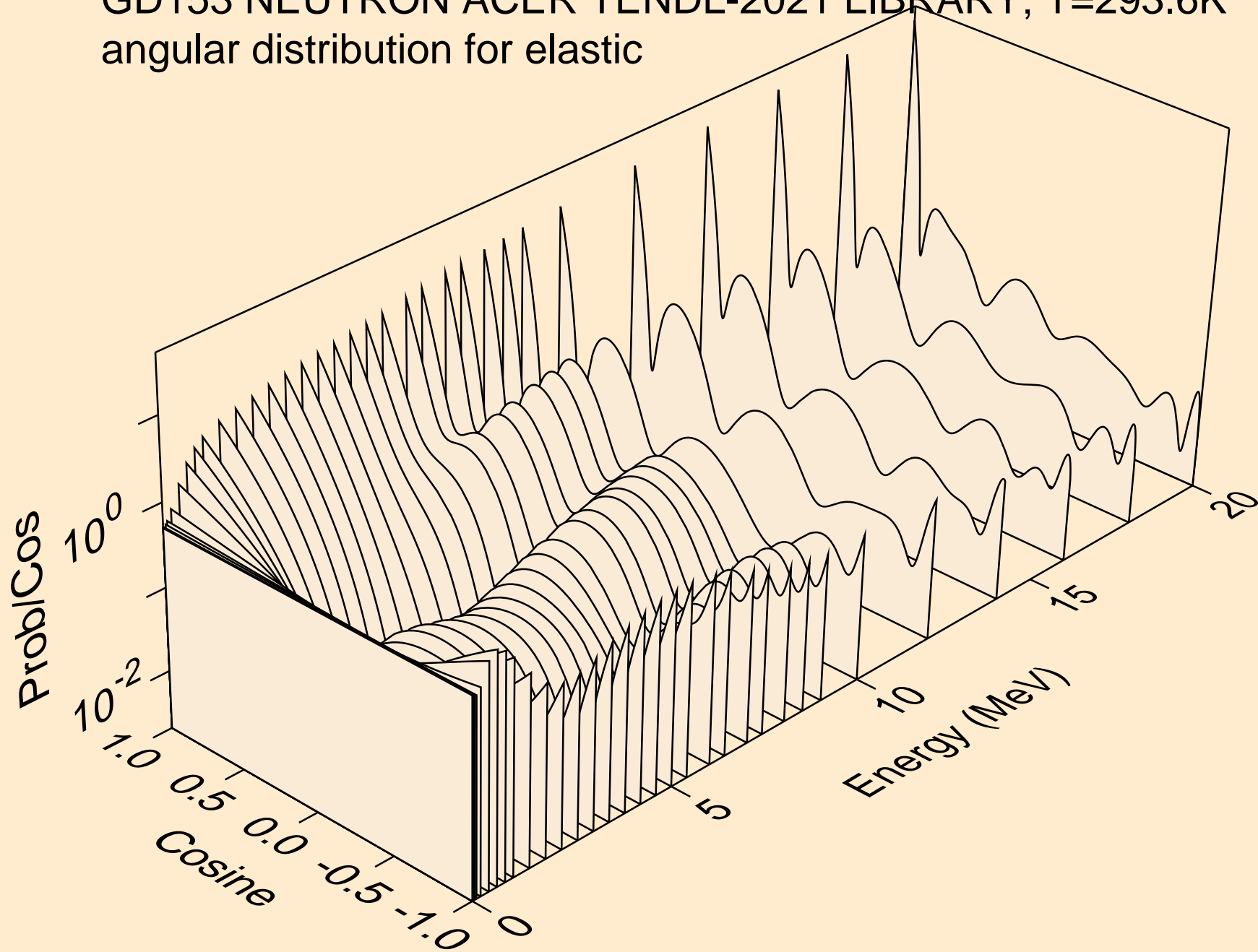
# GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

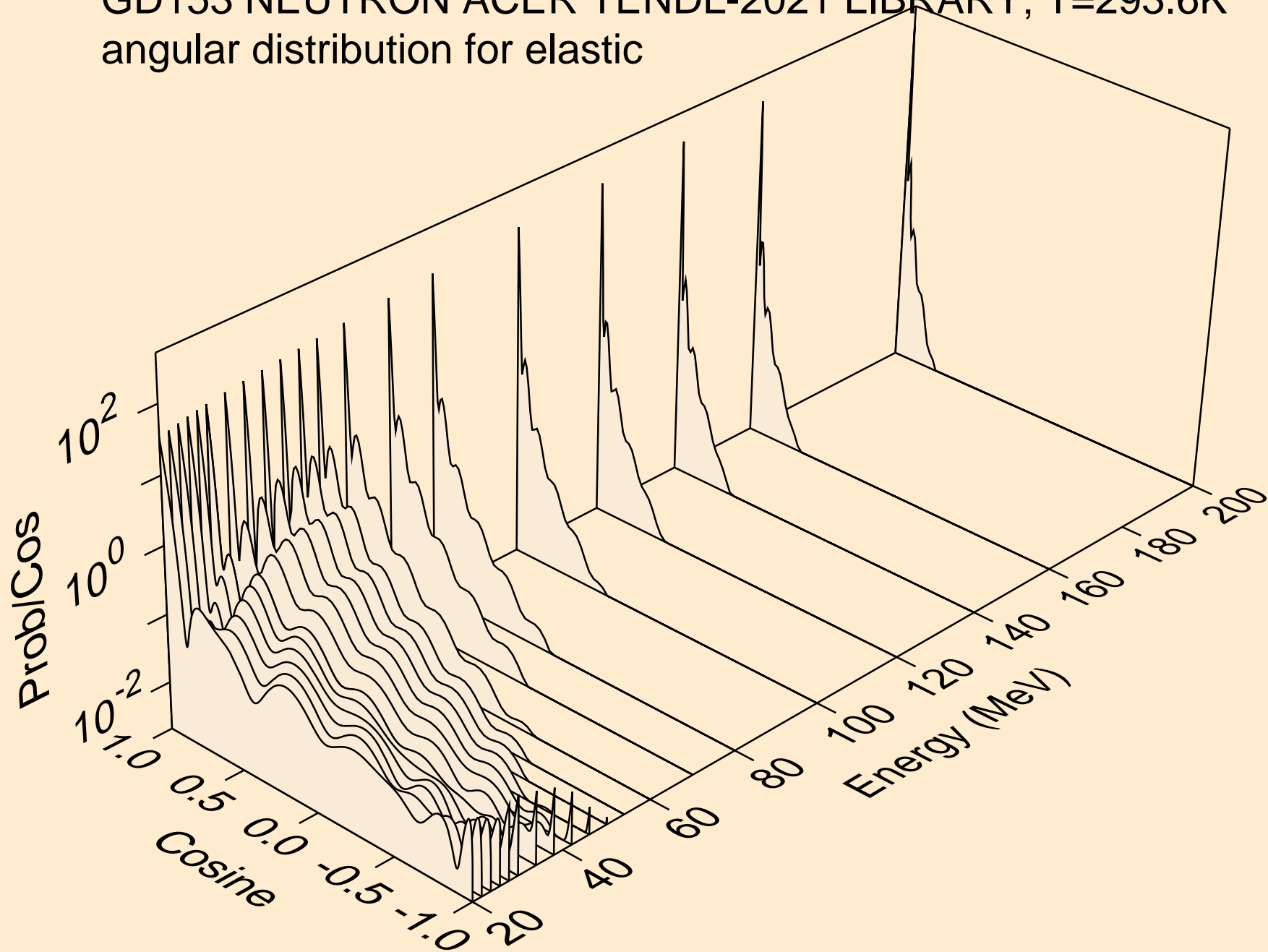




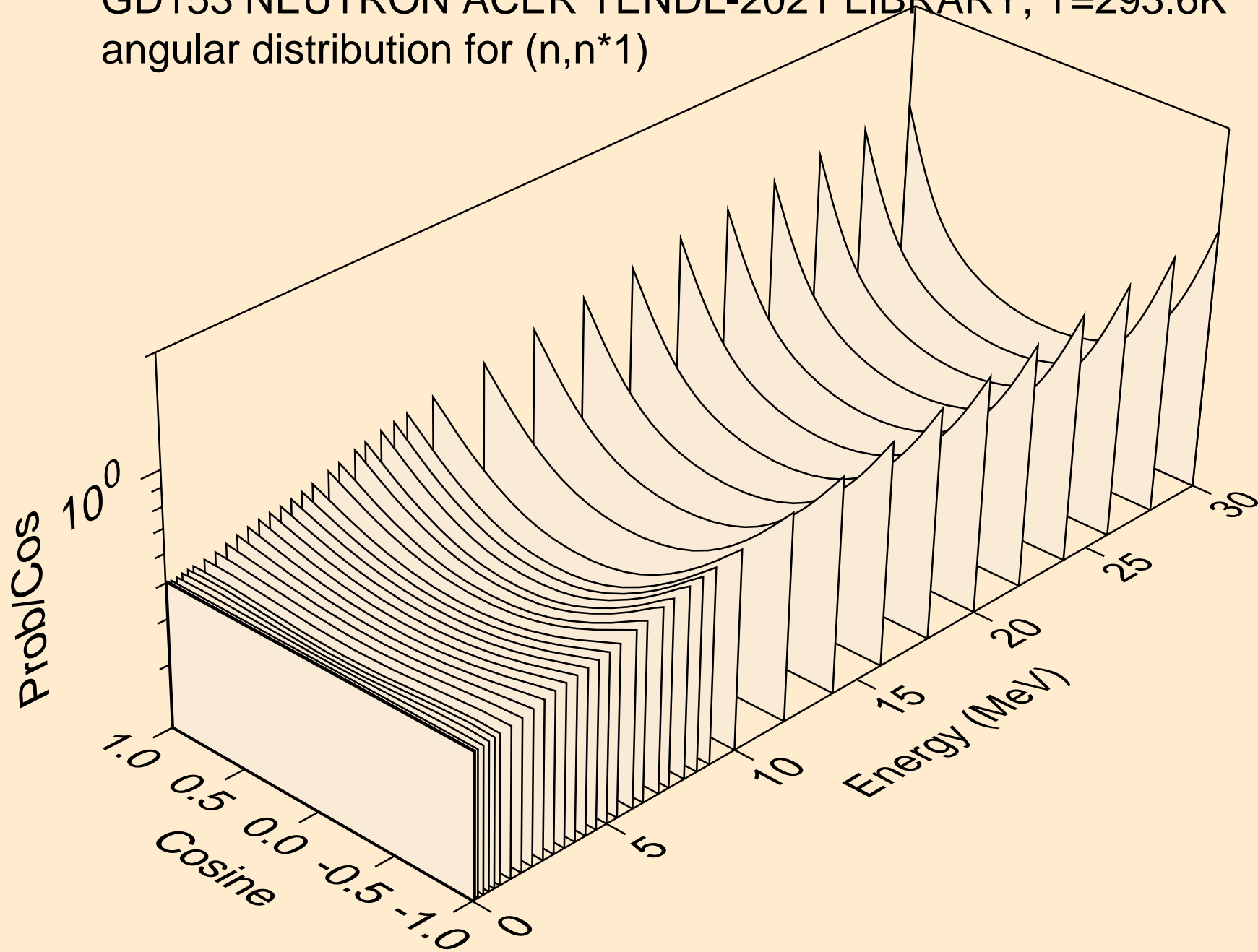
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



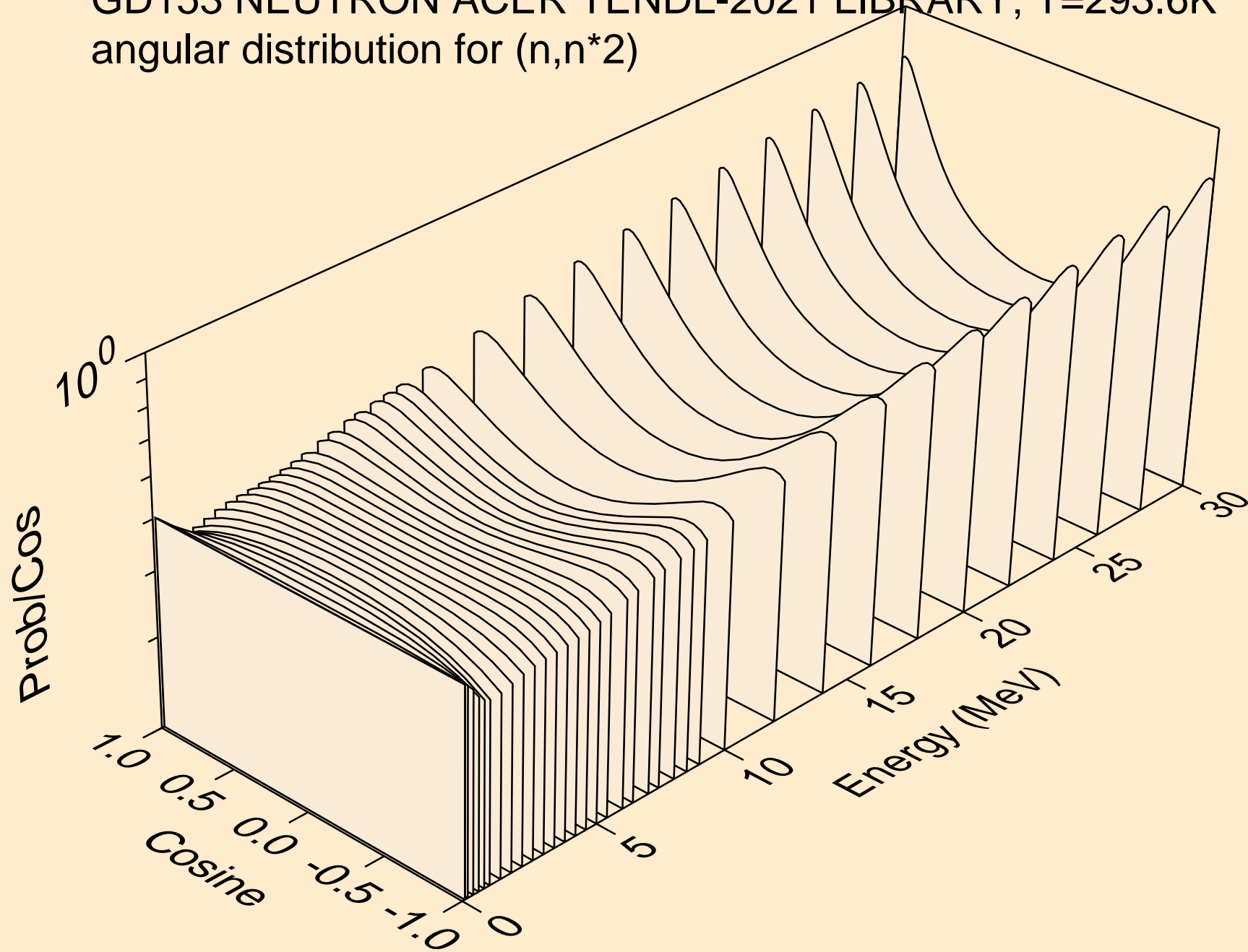
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



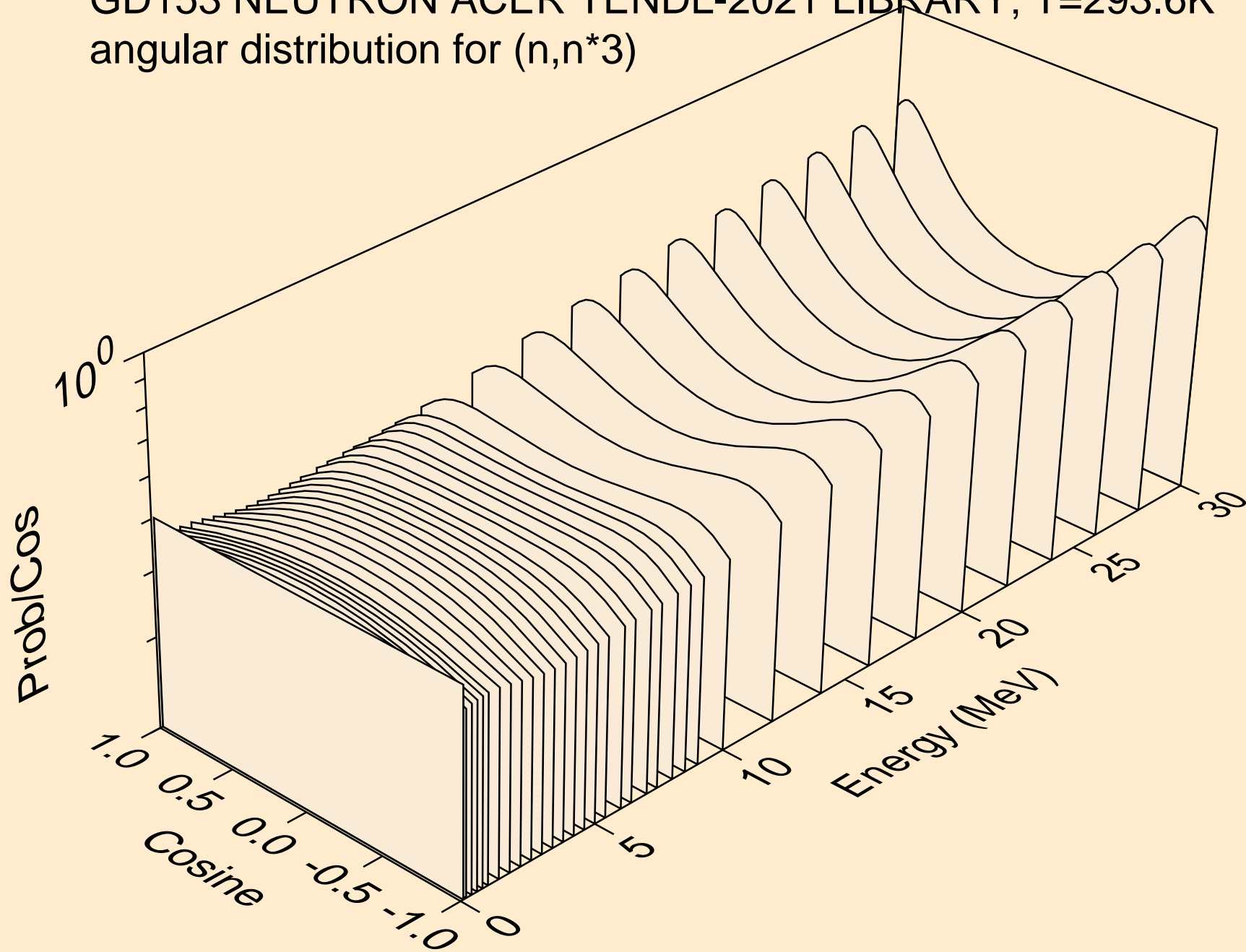
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



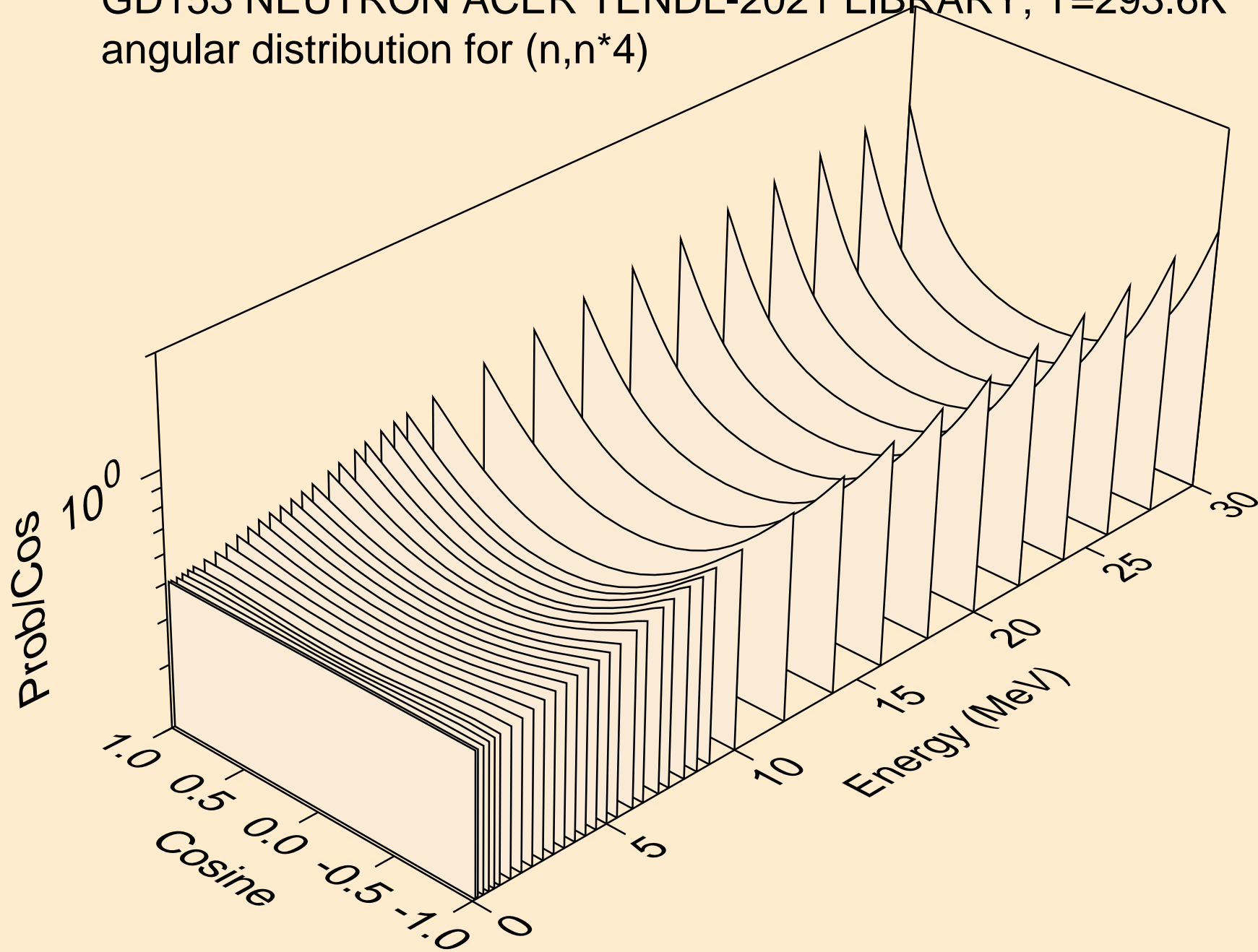
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



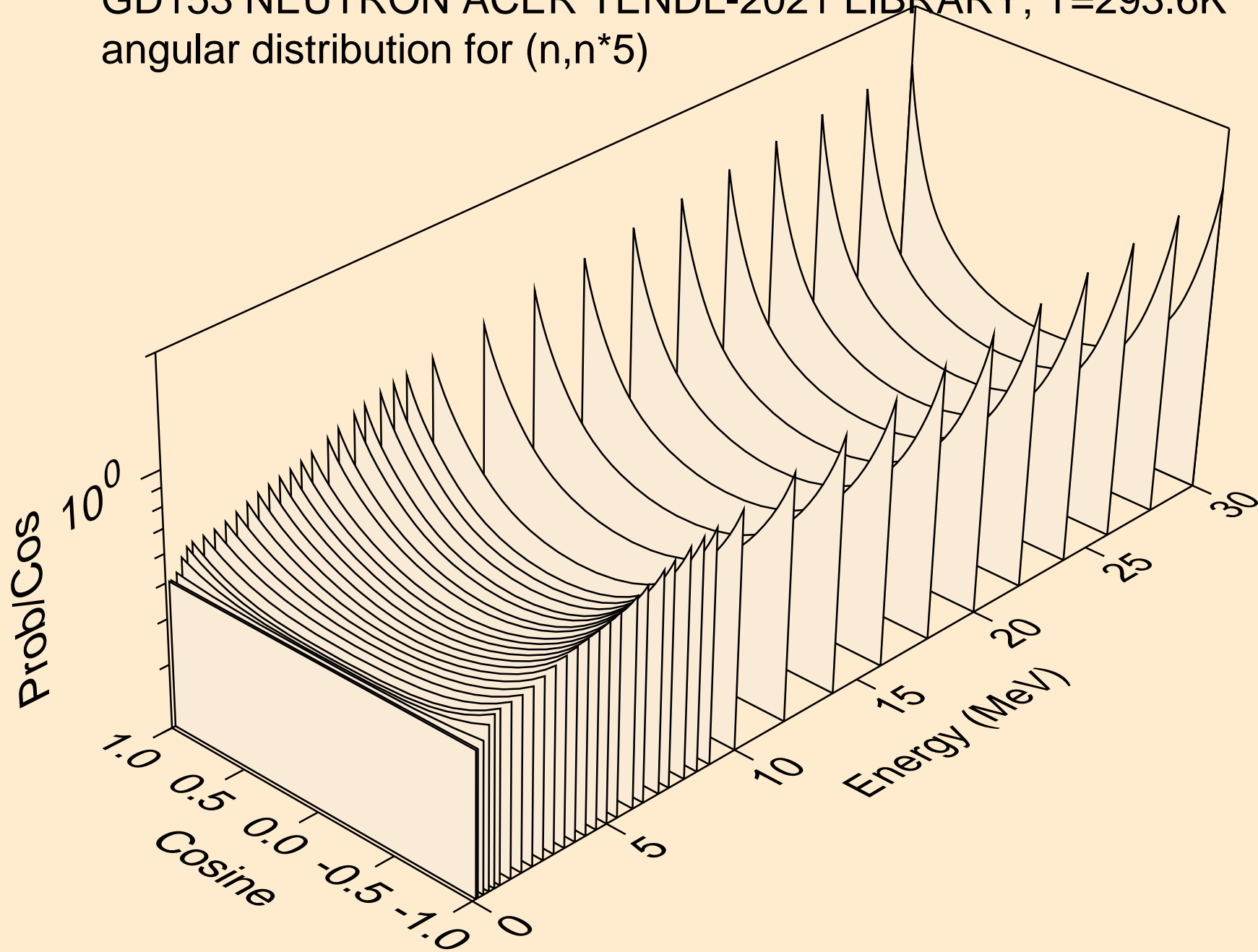
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



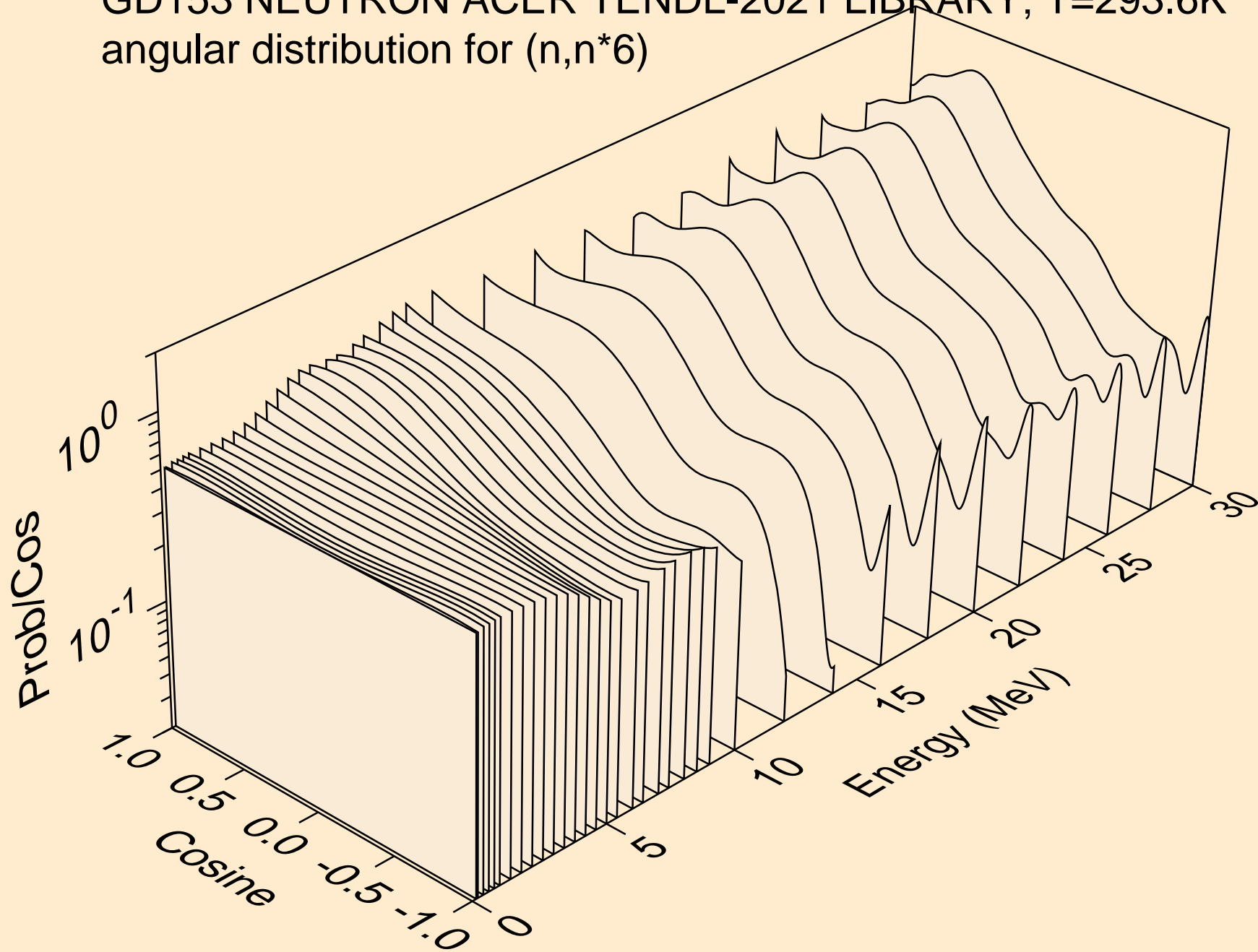
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)

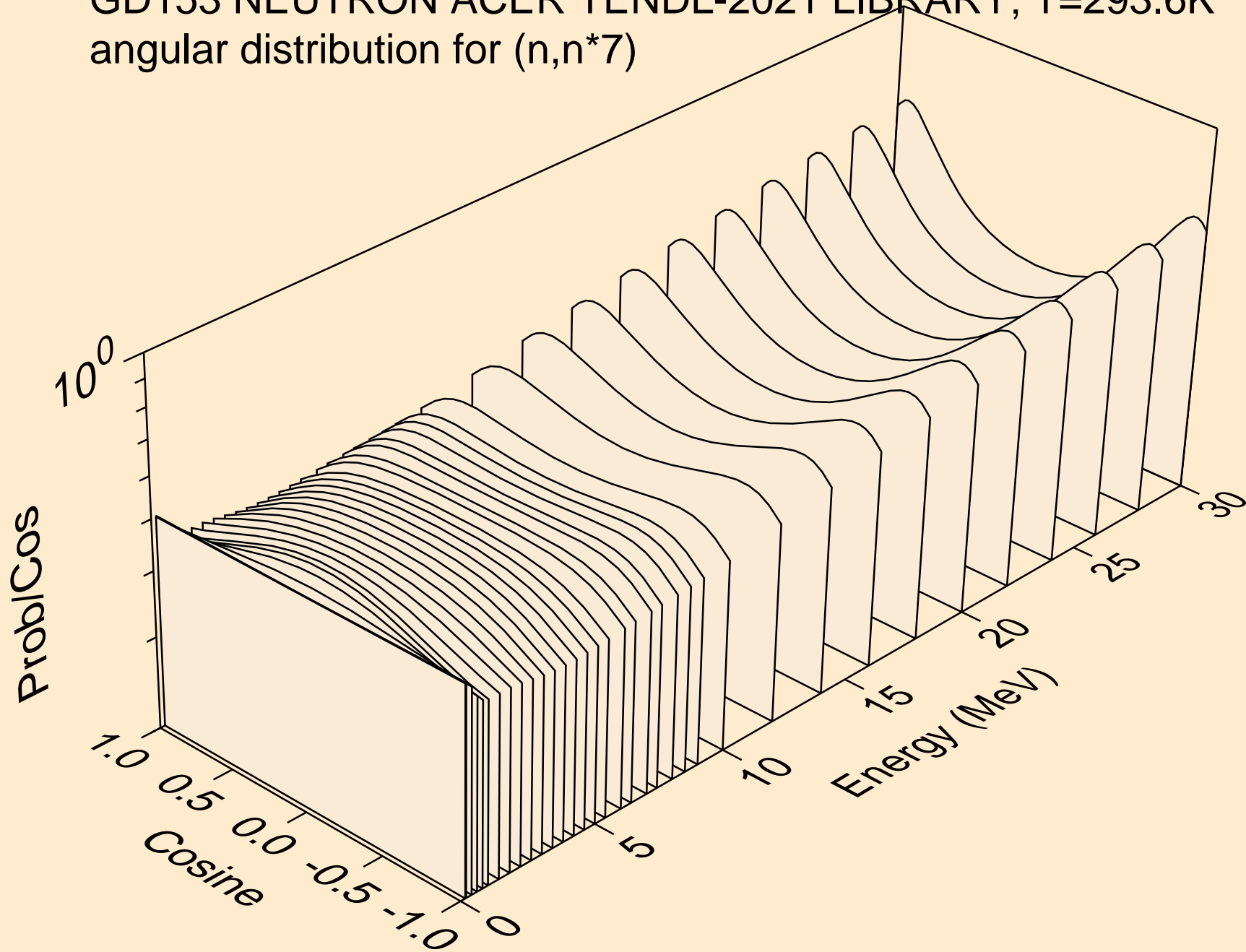


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)

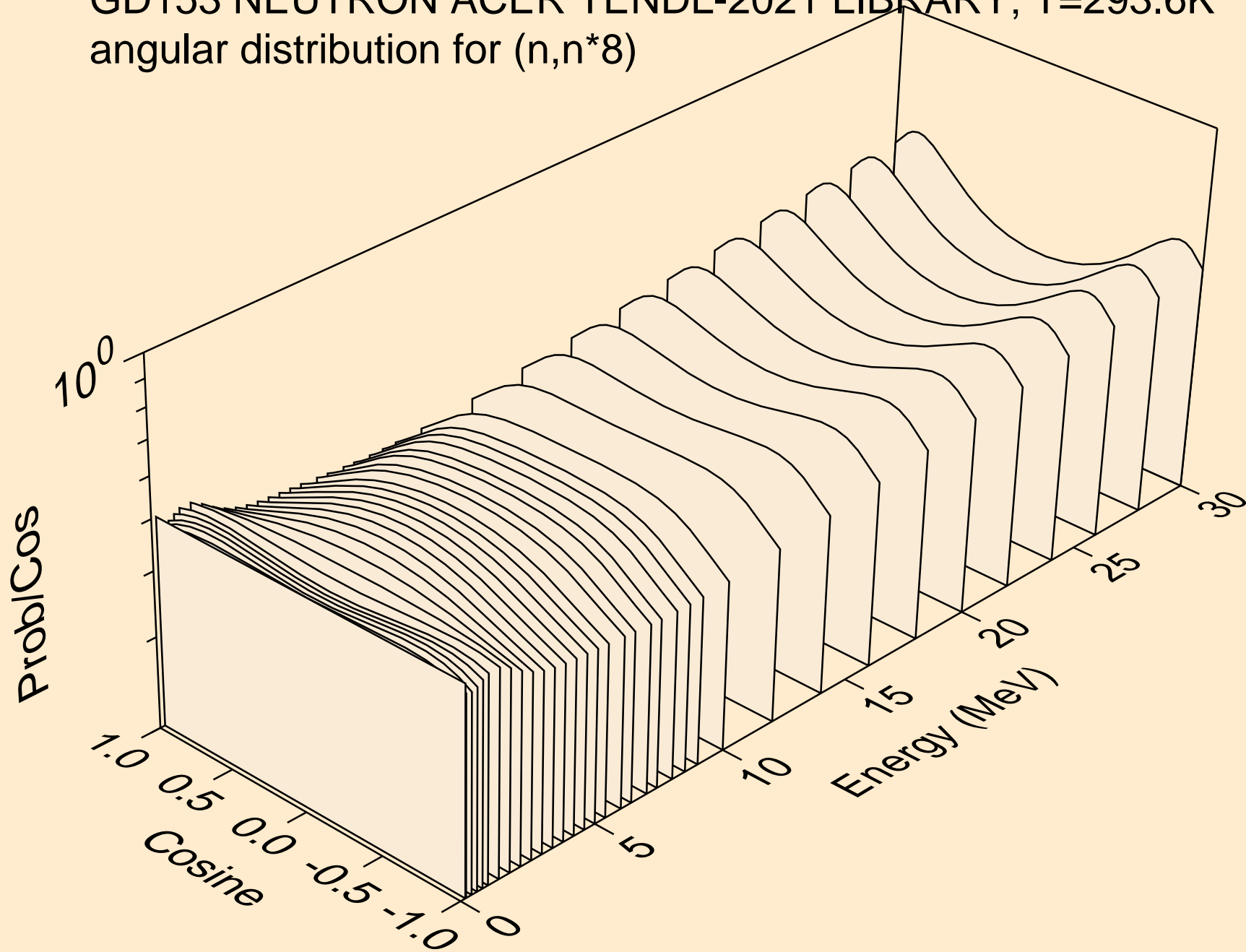




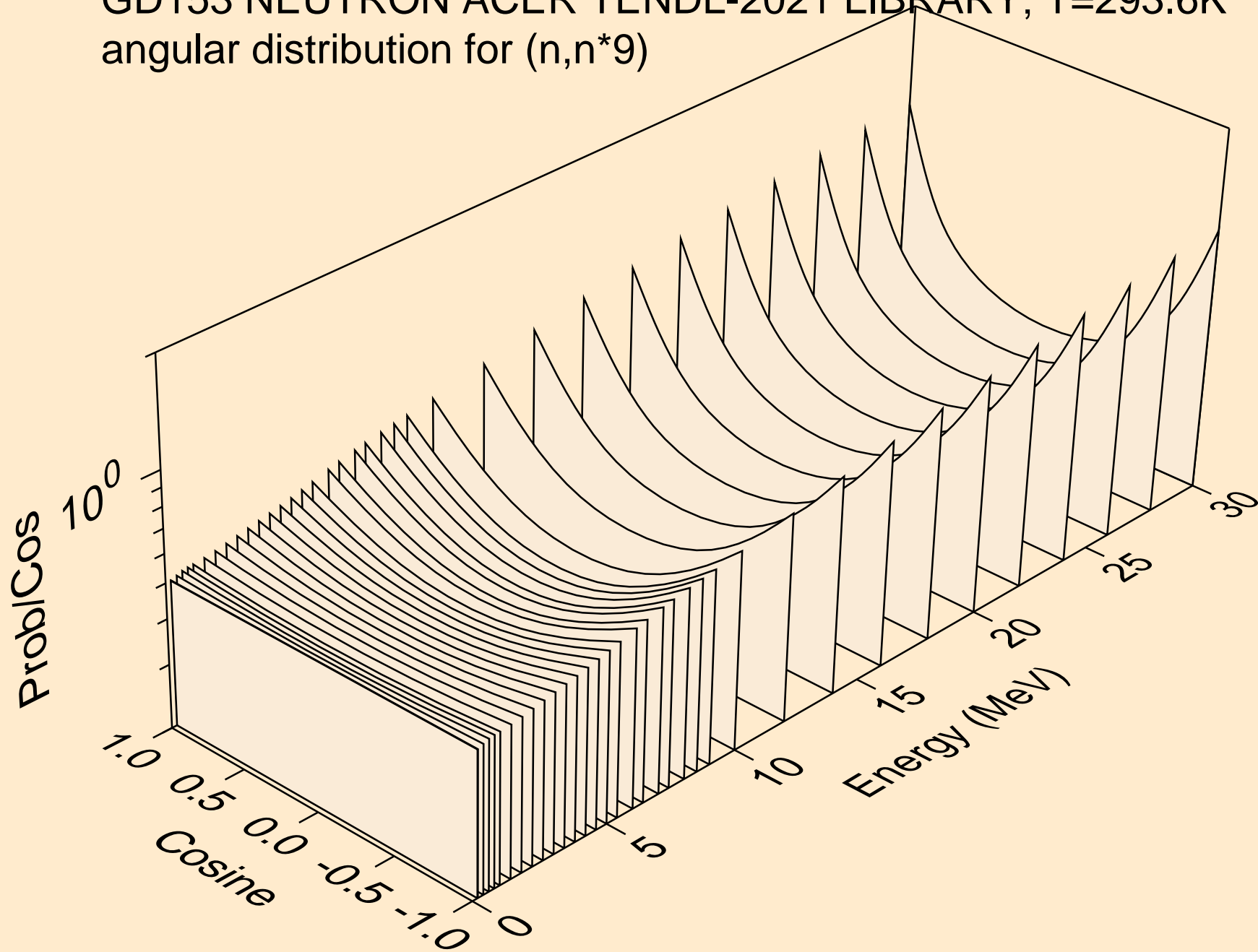
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



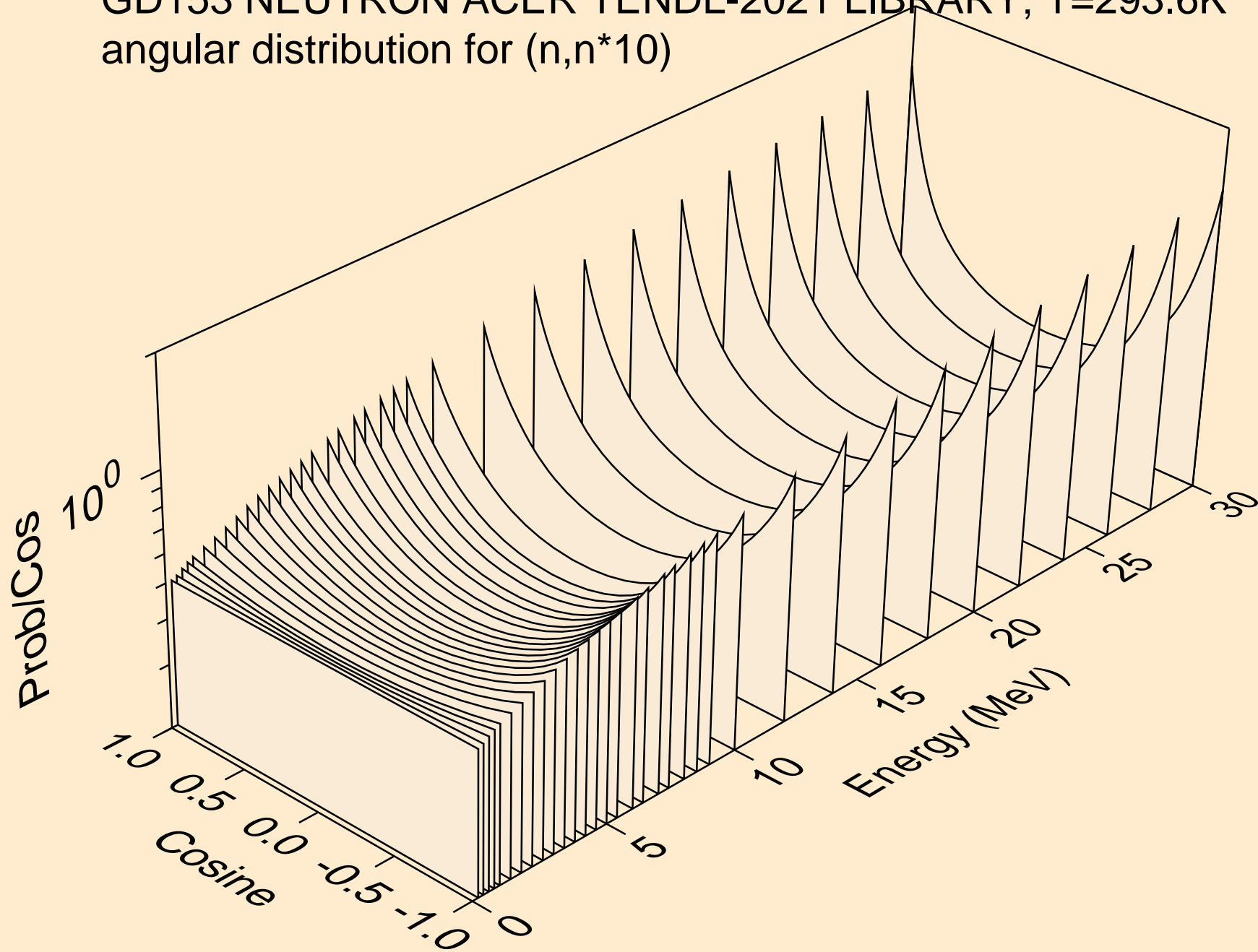
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



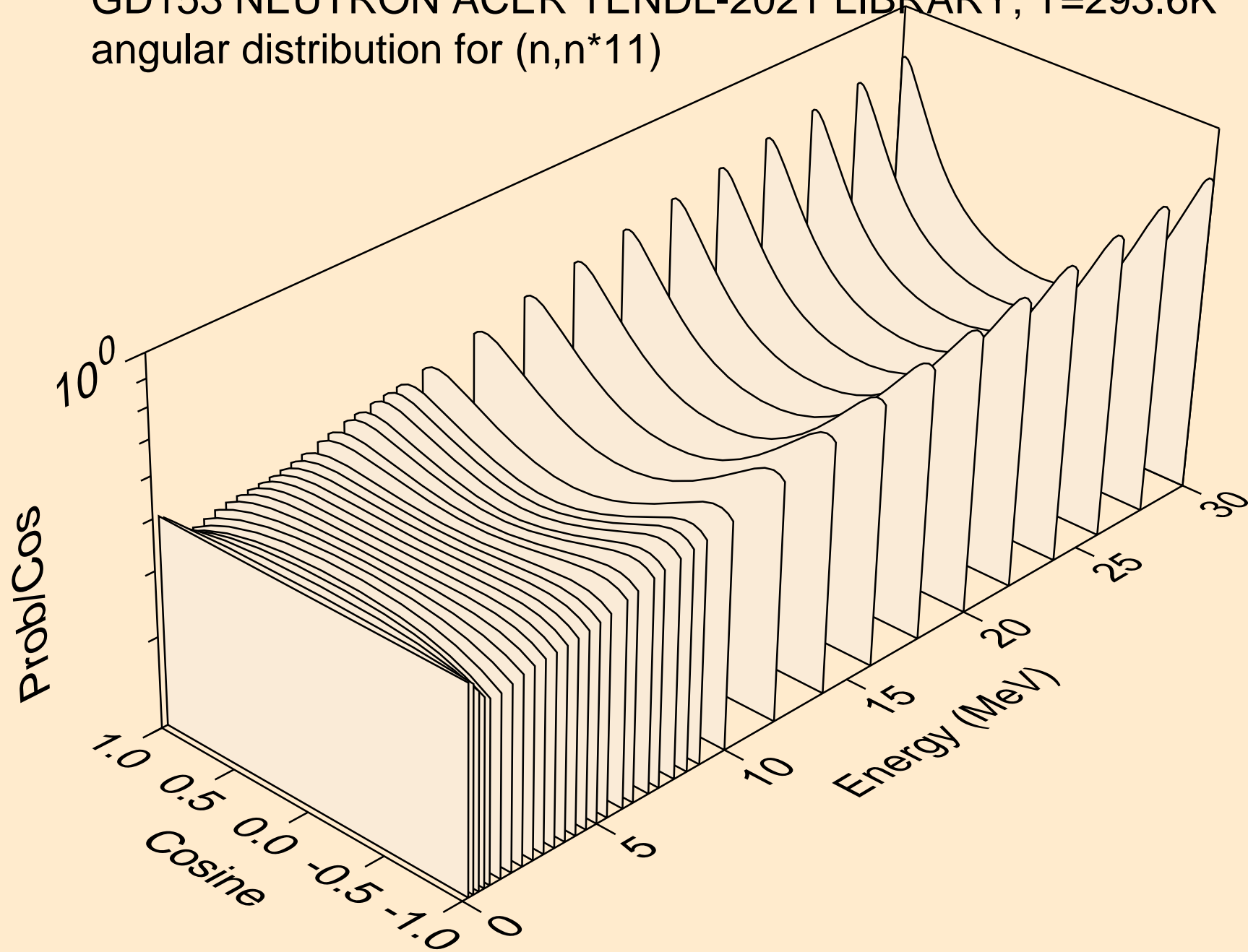
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



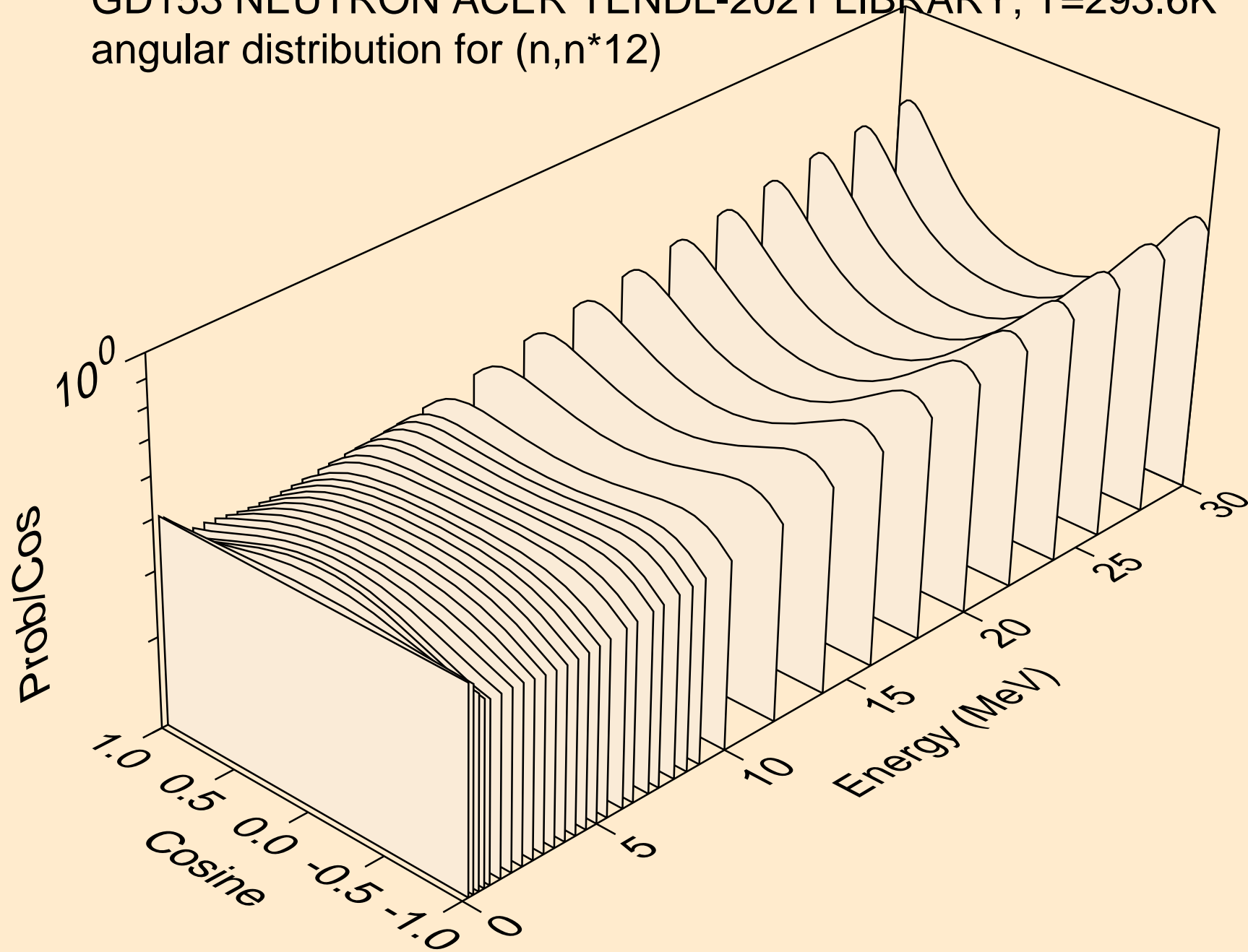
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



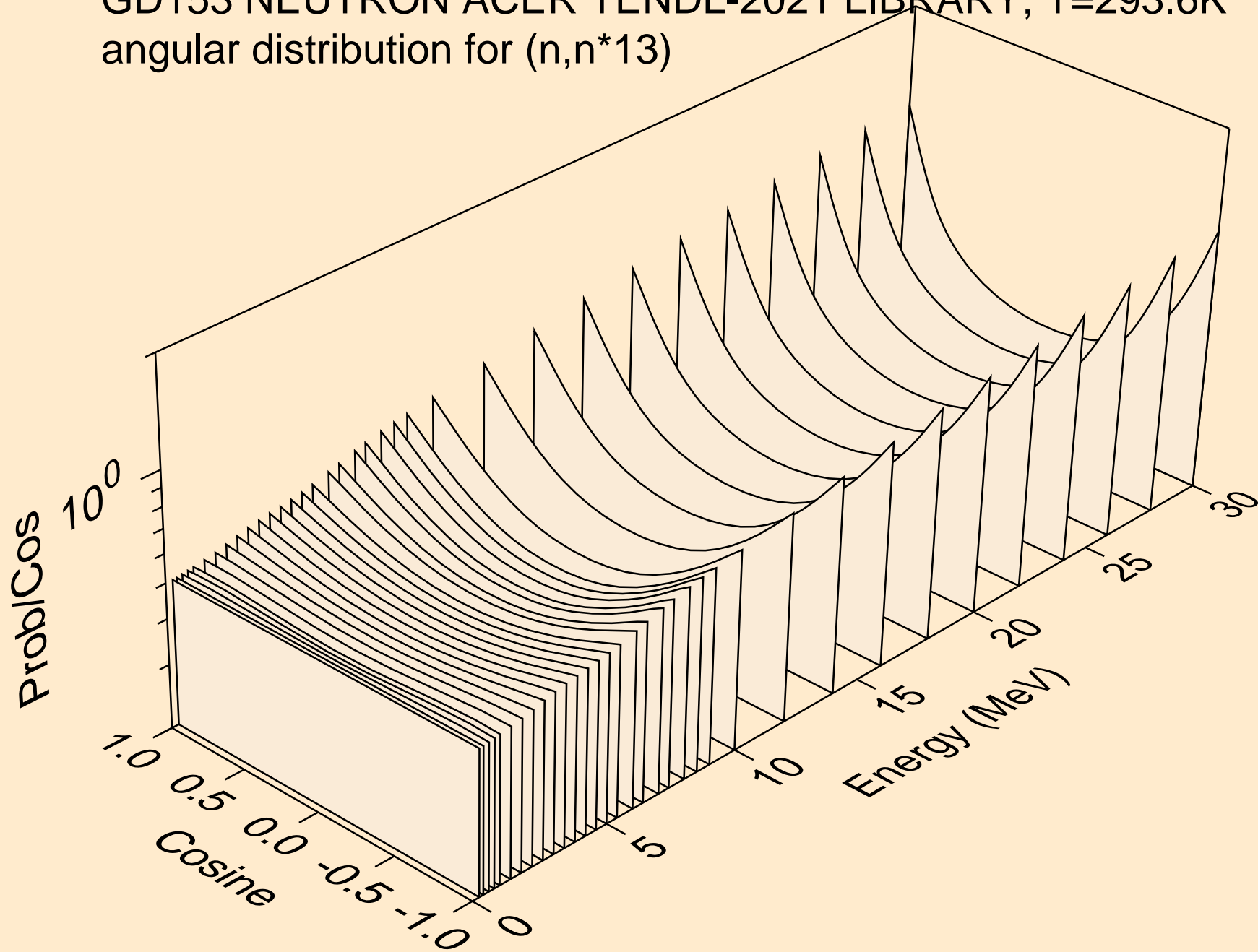
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



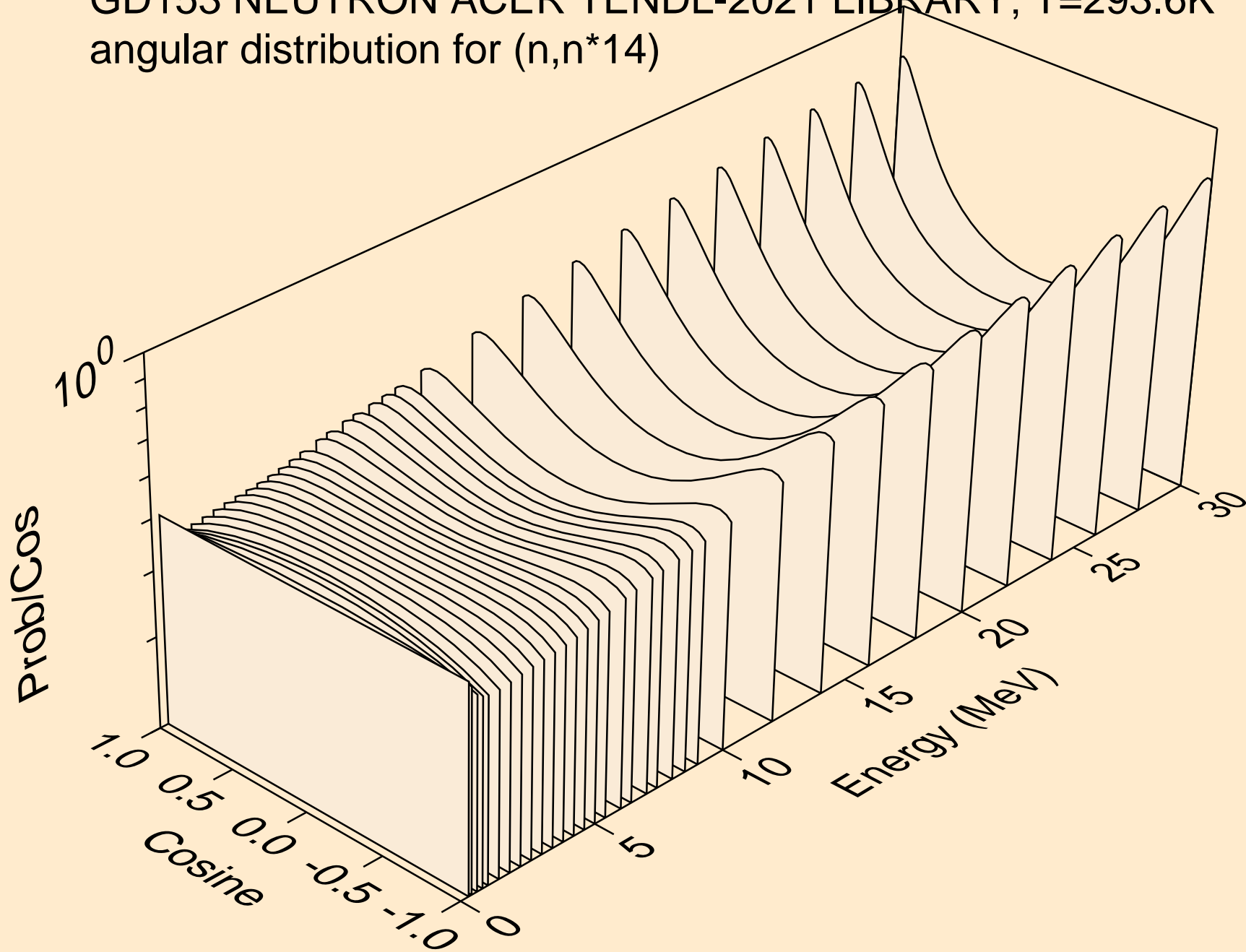
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)

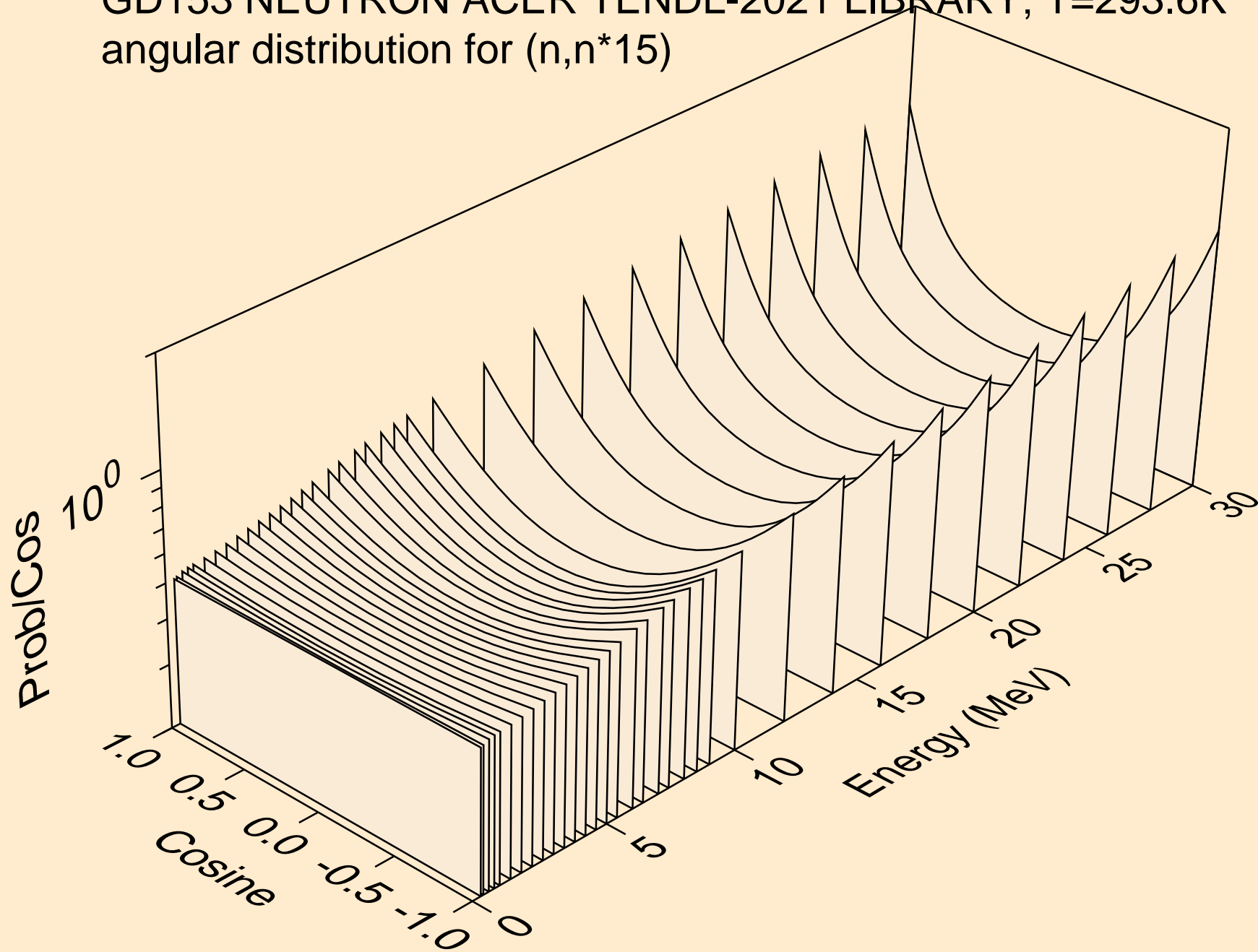


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)

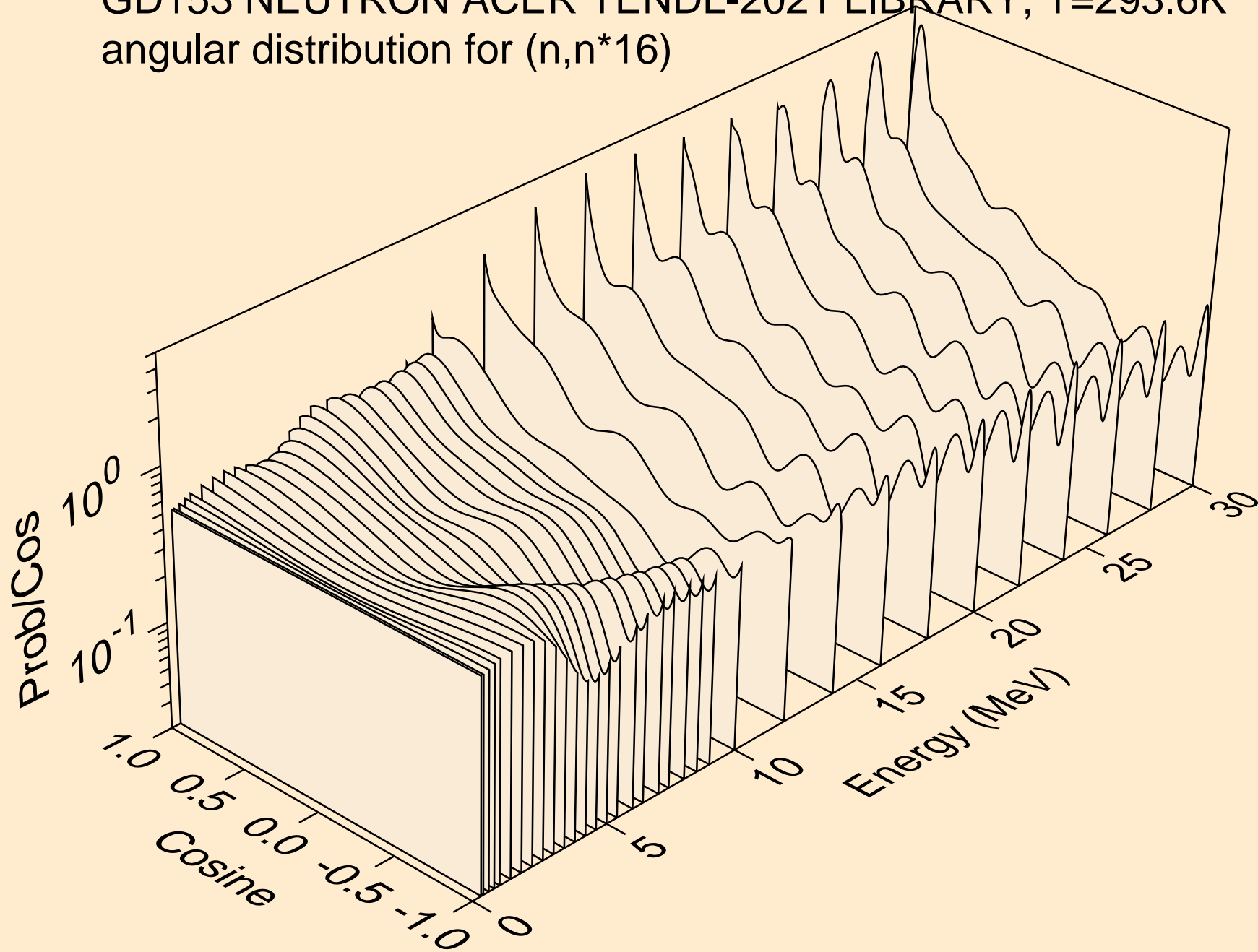




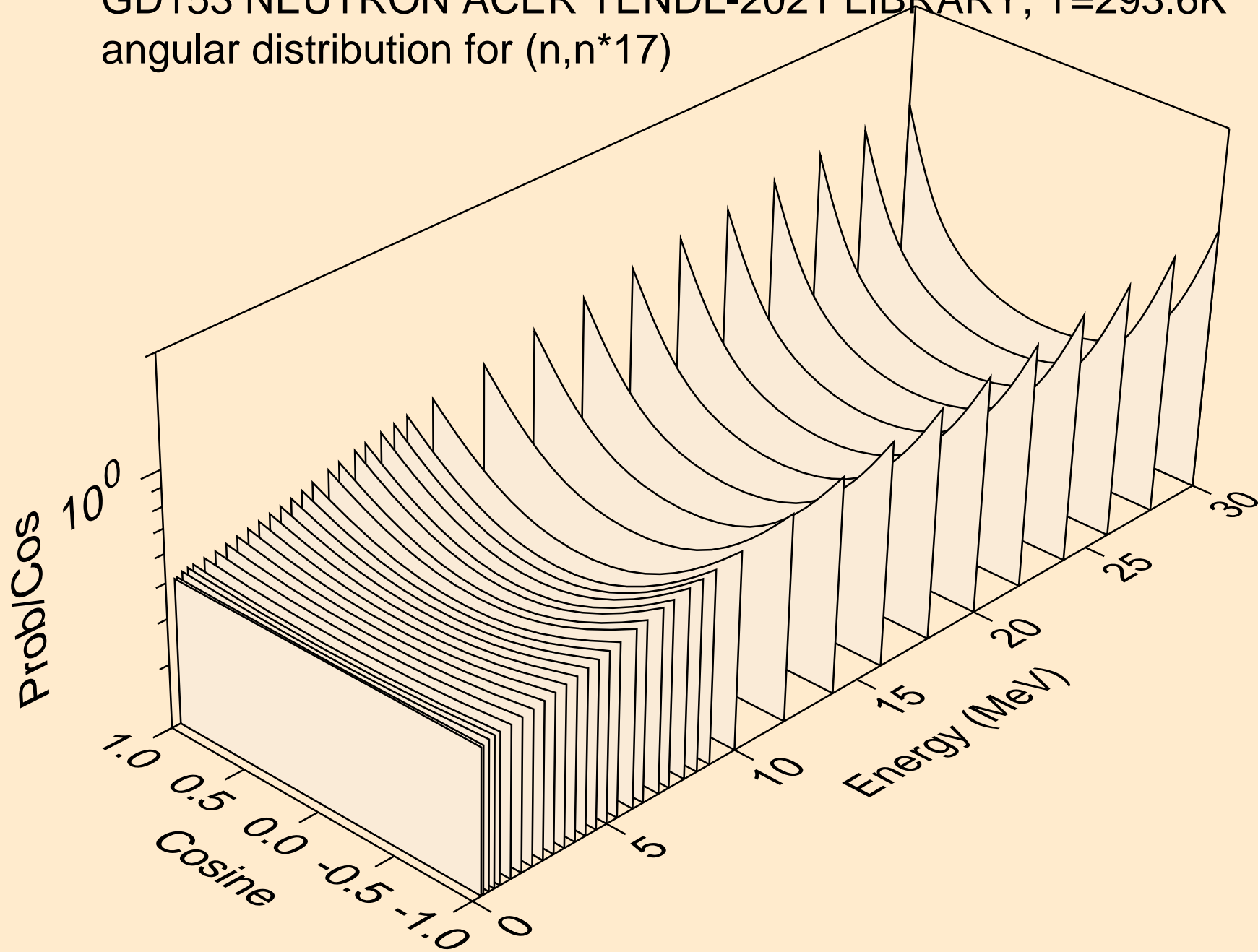
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



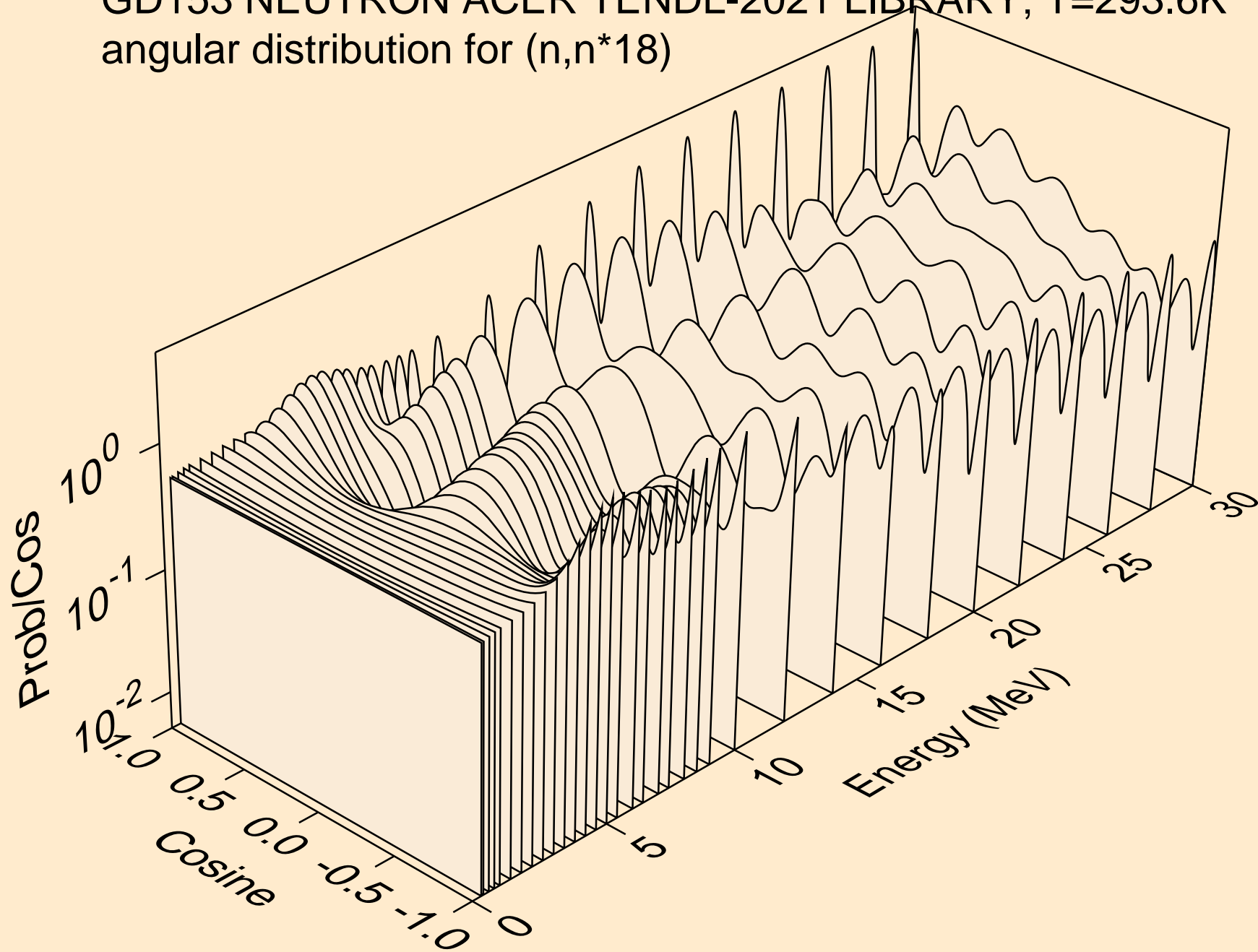
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



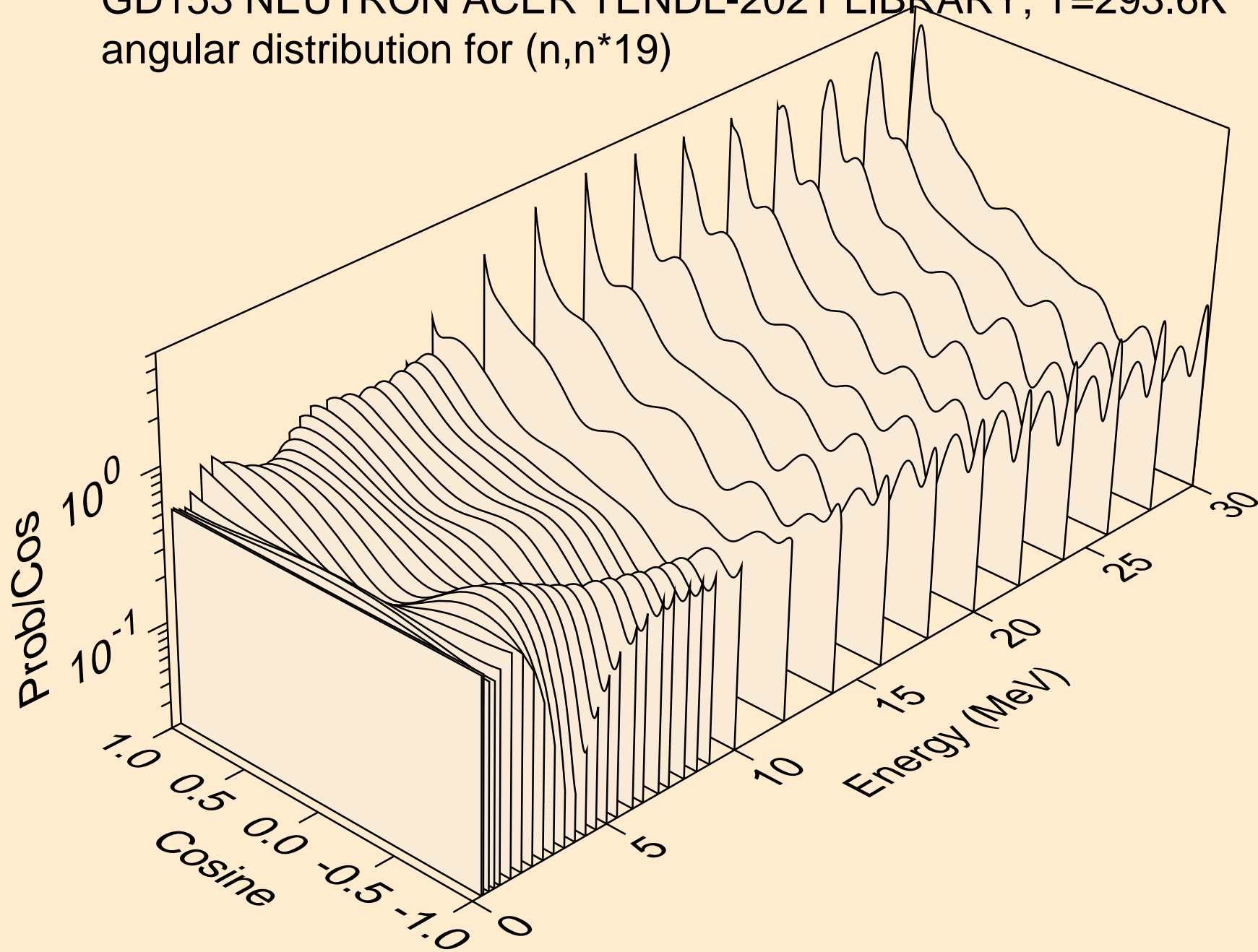
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



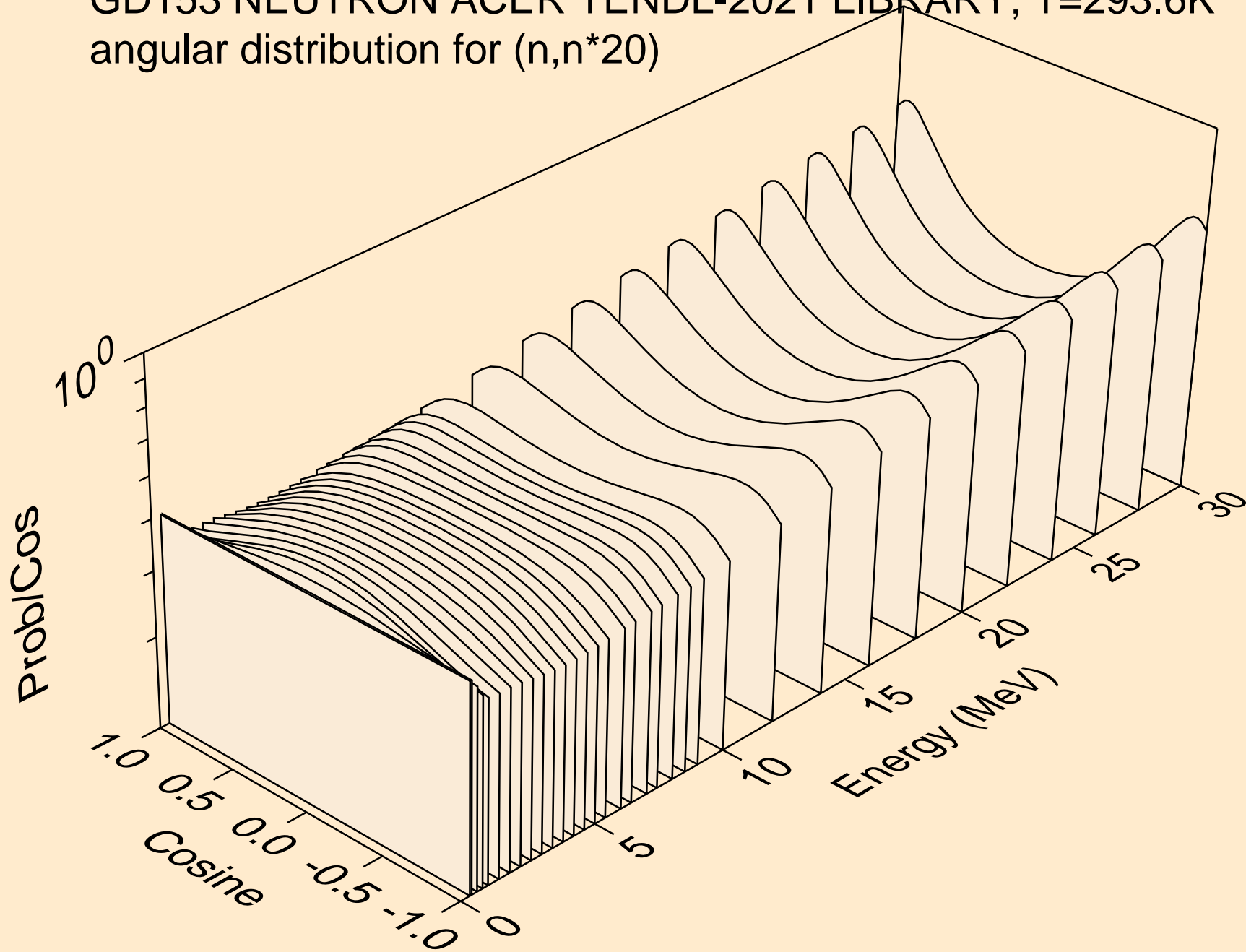
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



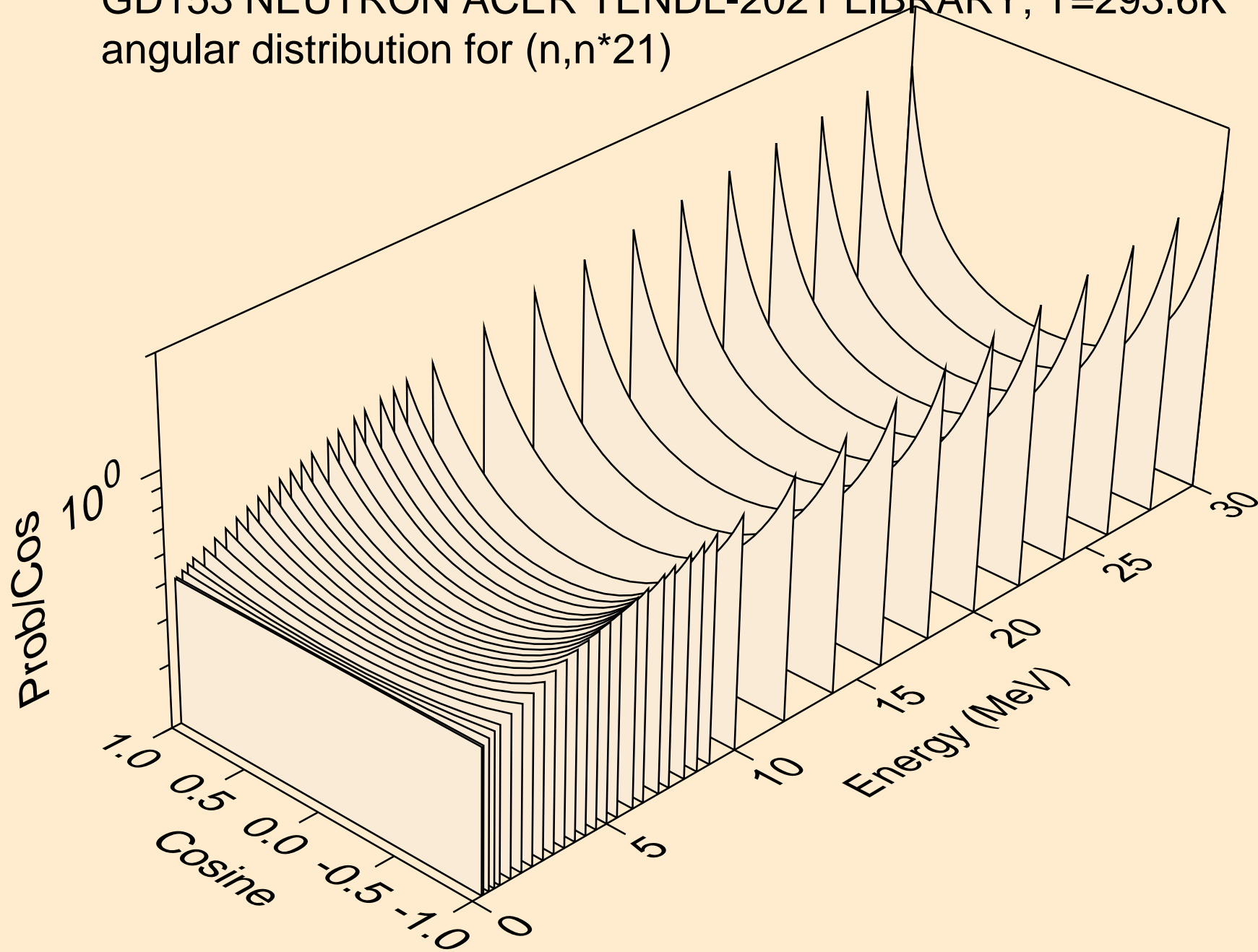
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



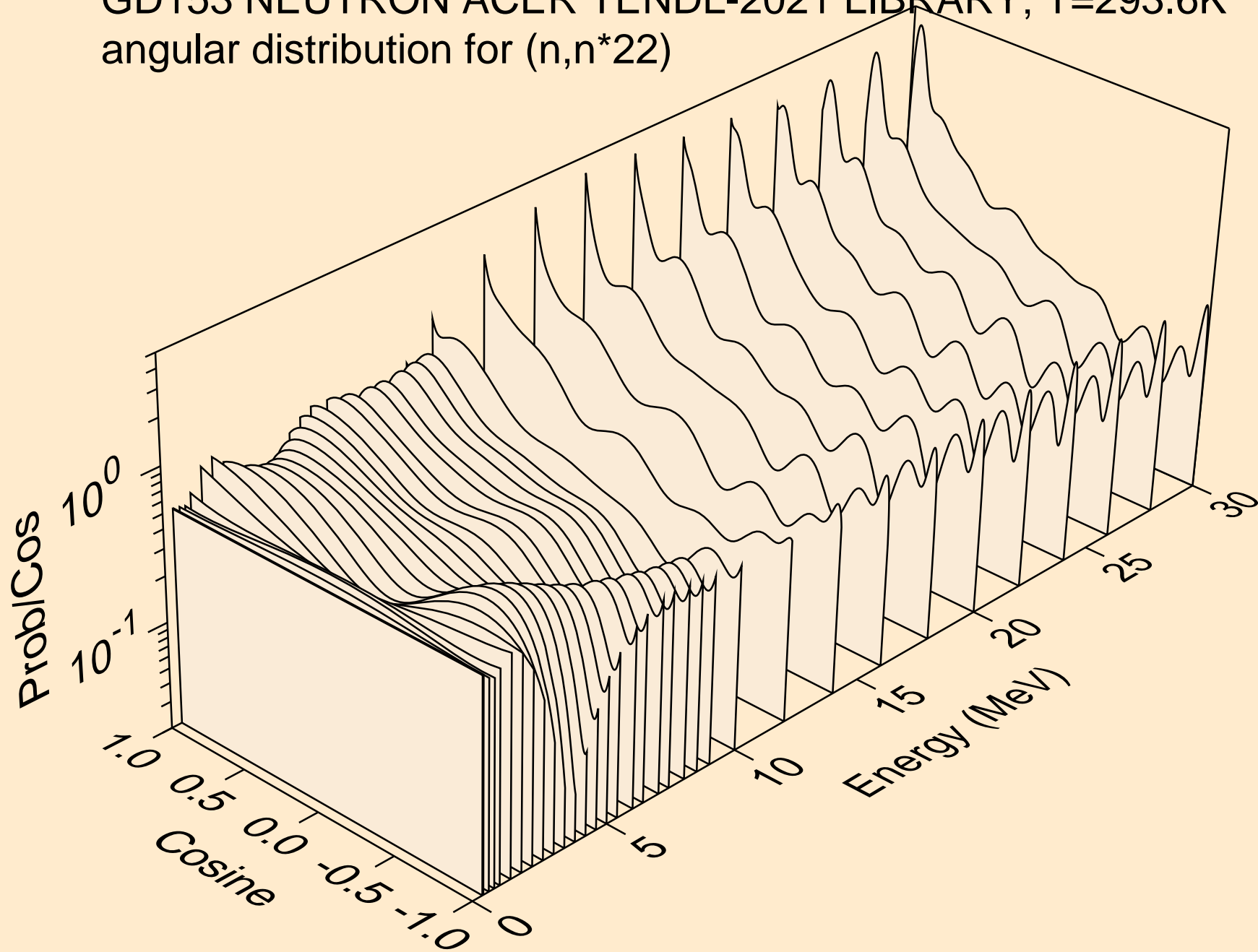
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)

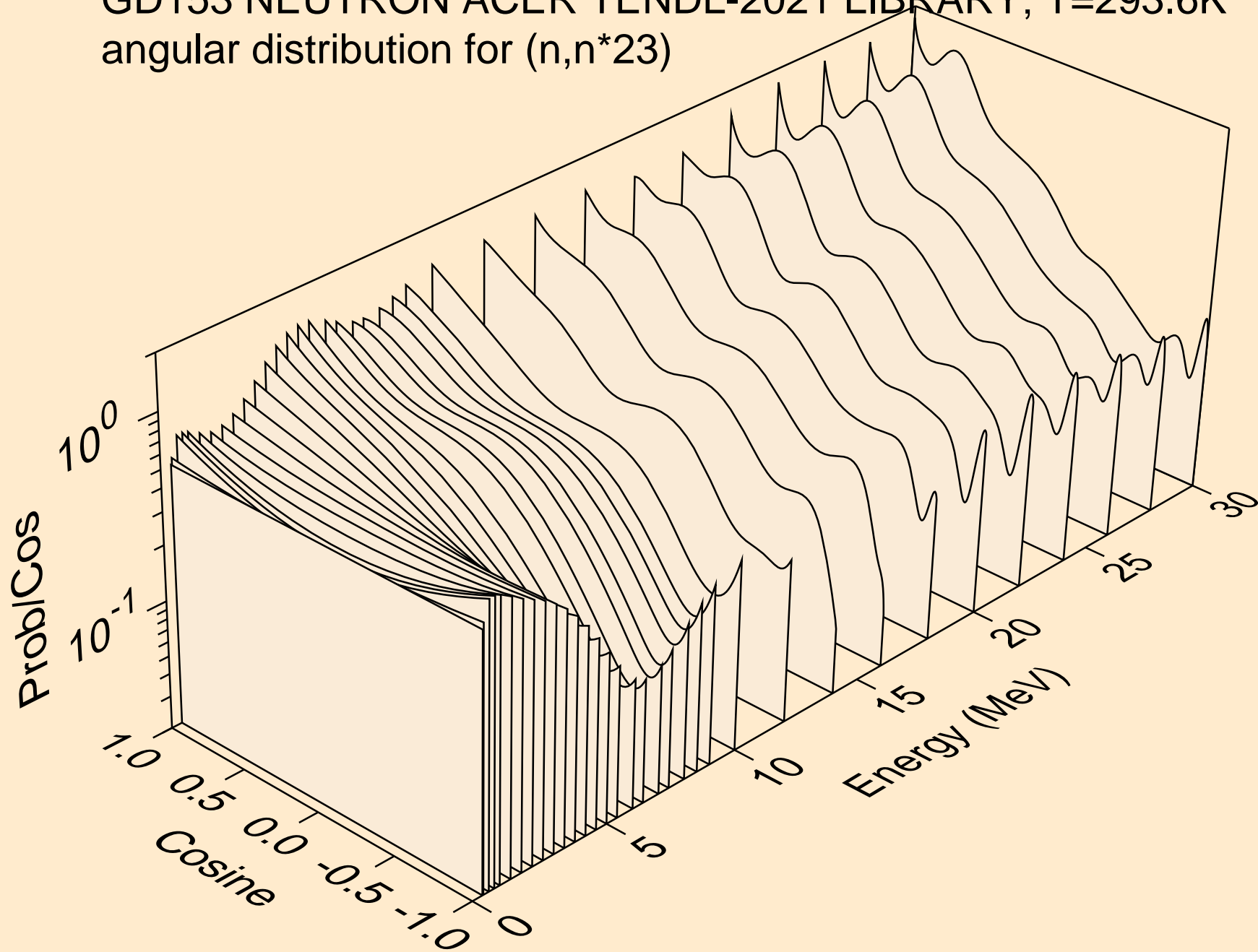


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)

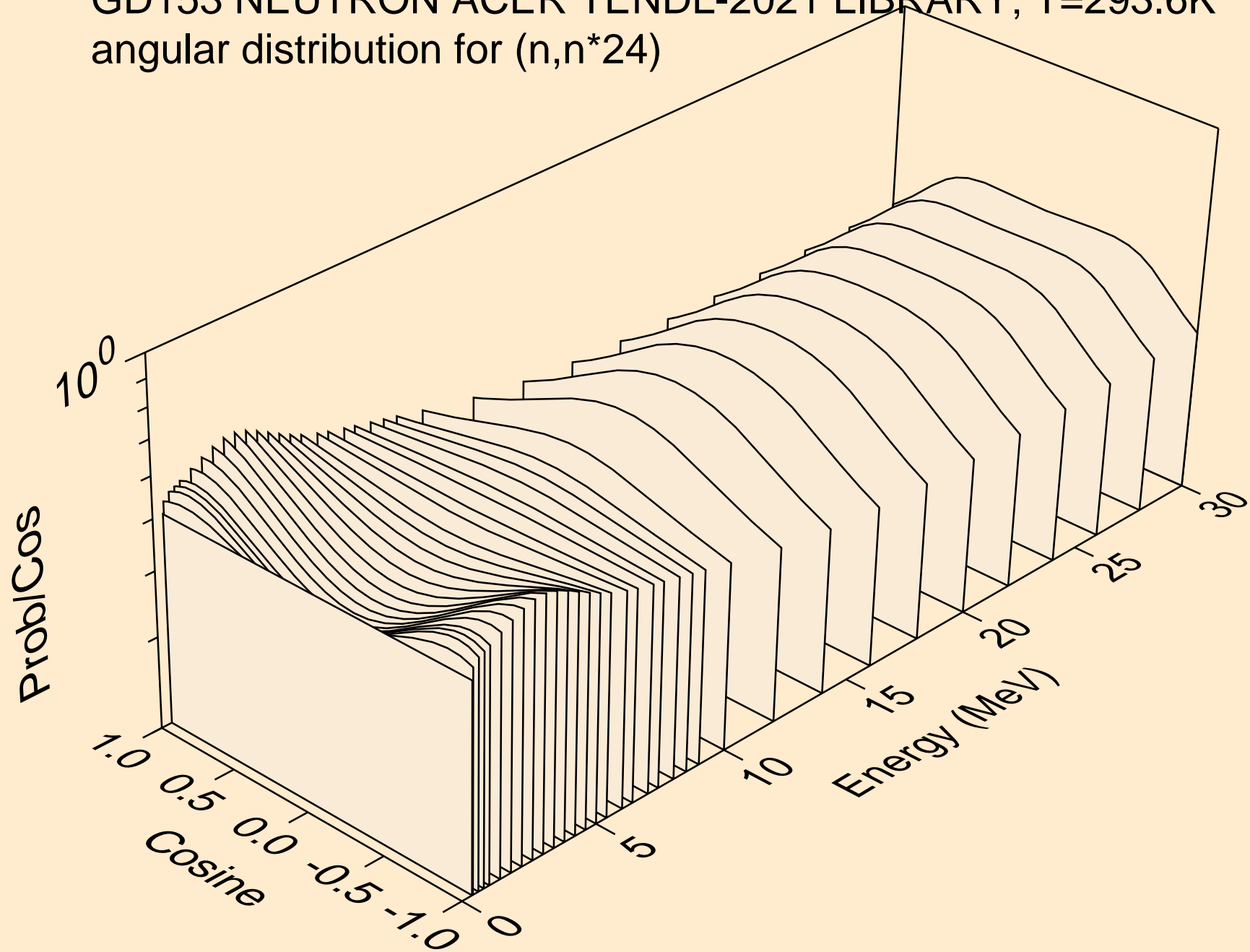




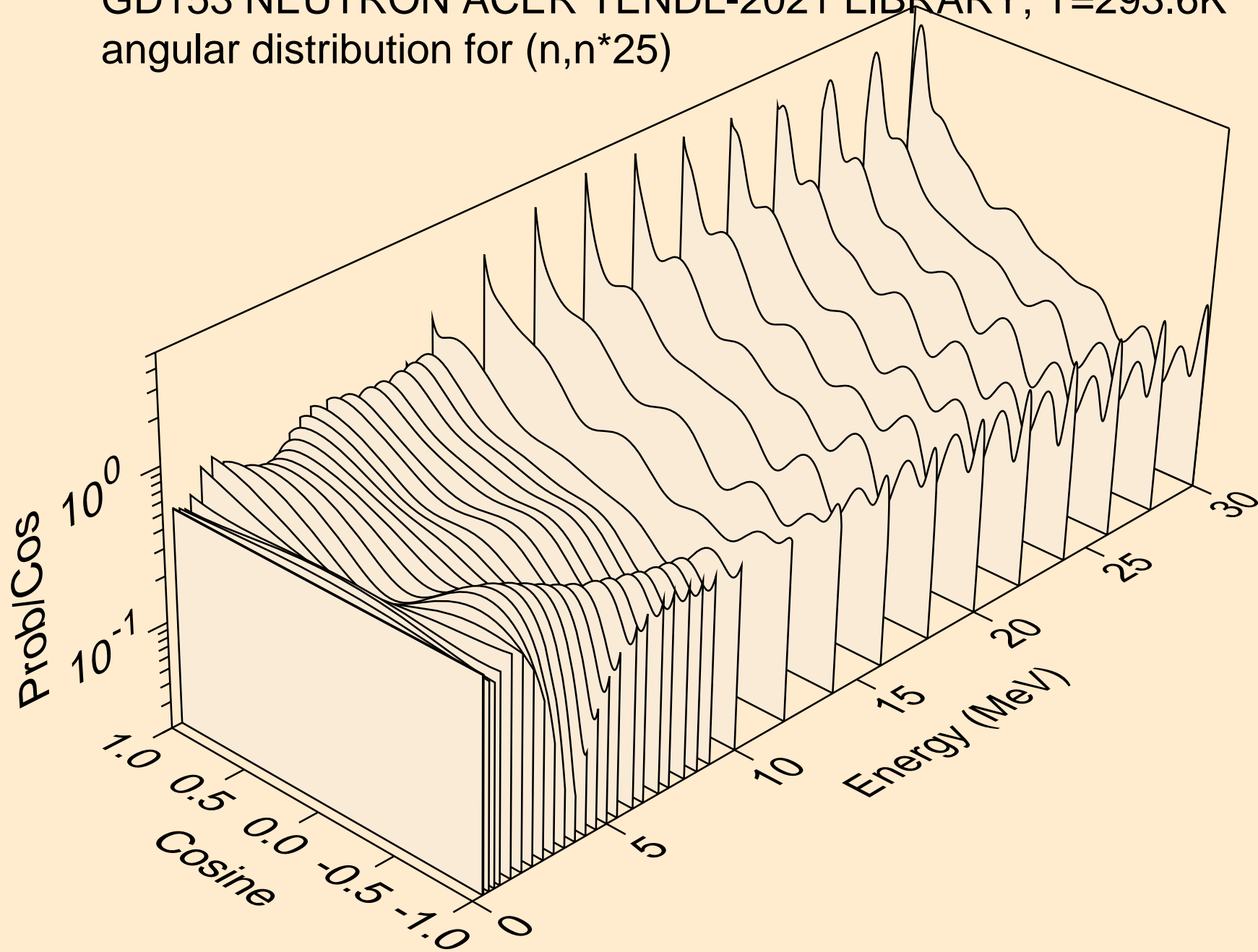
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



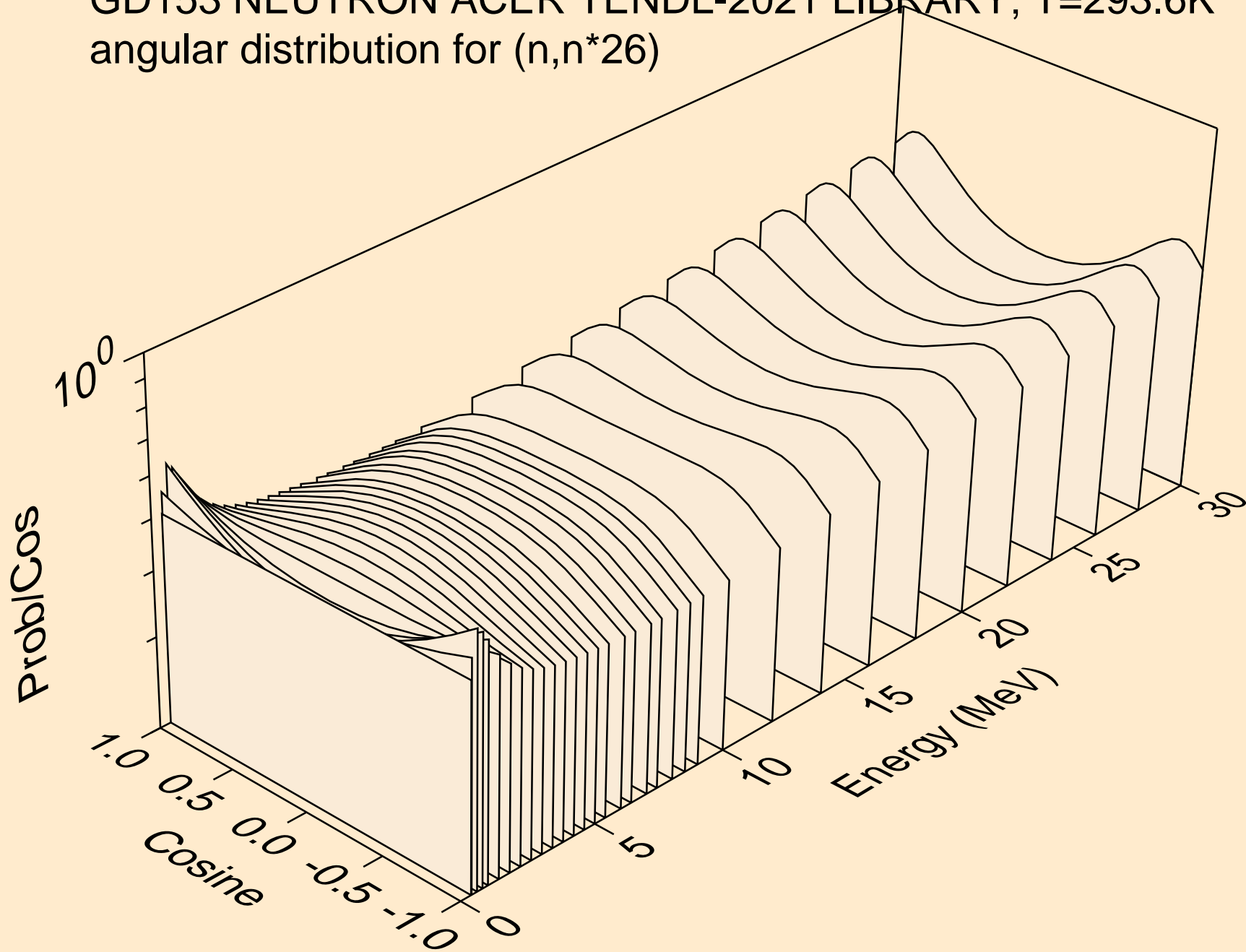
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



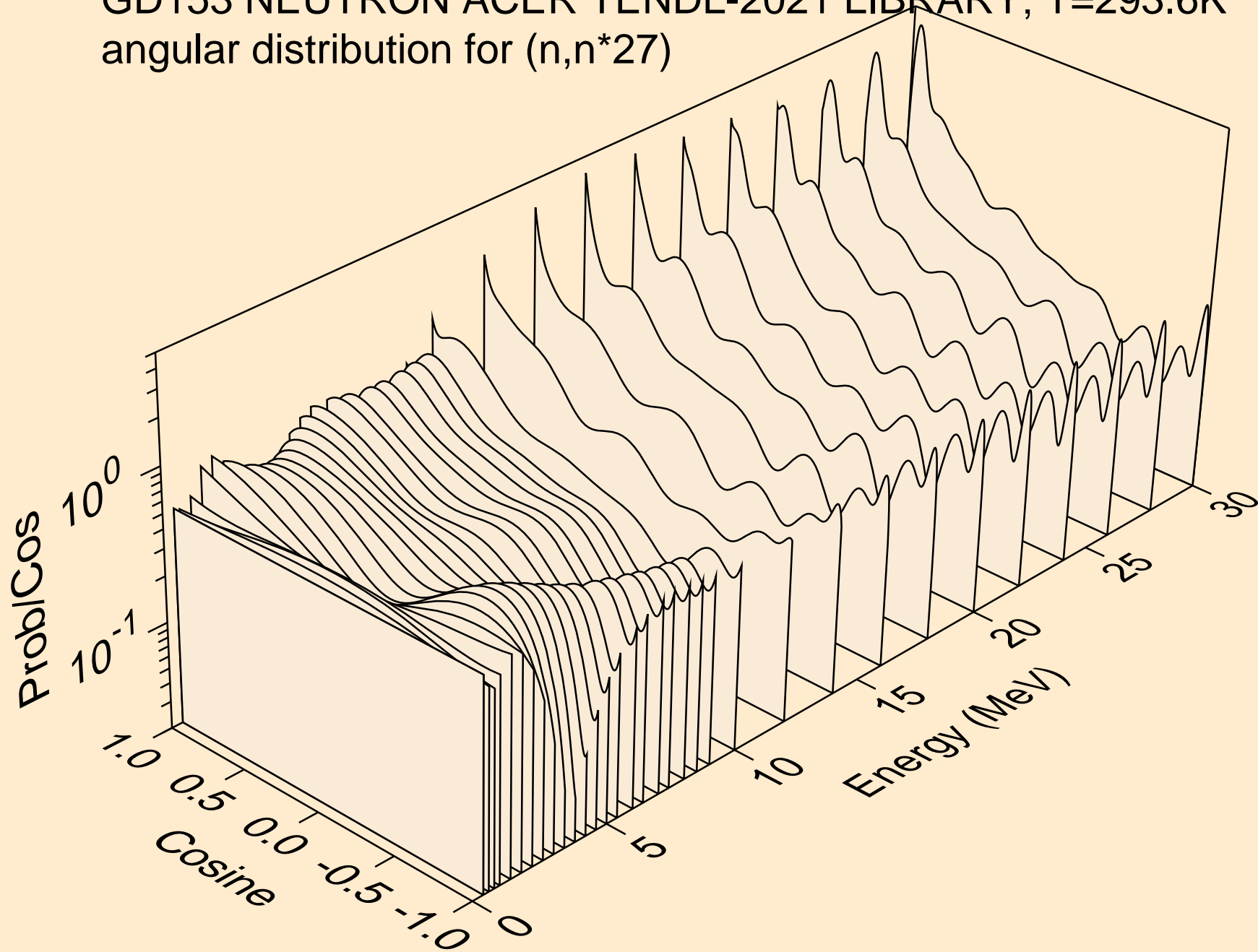
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



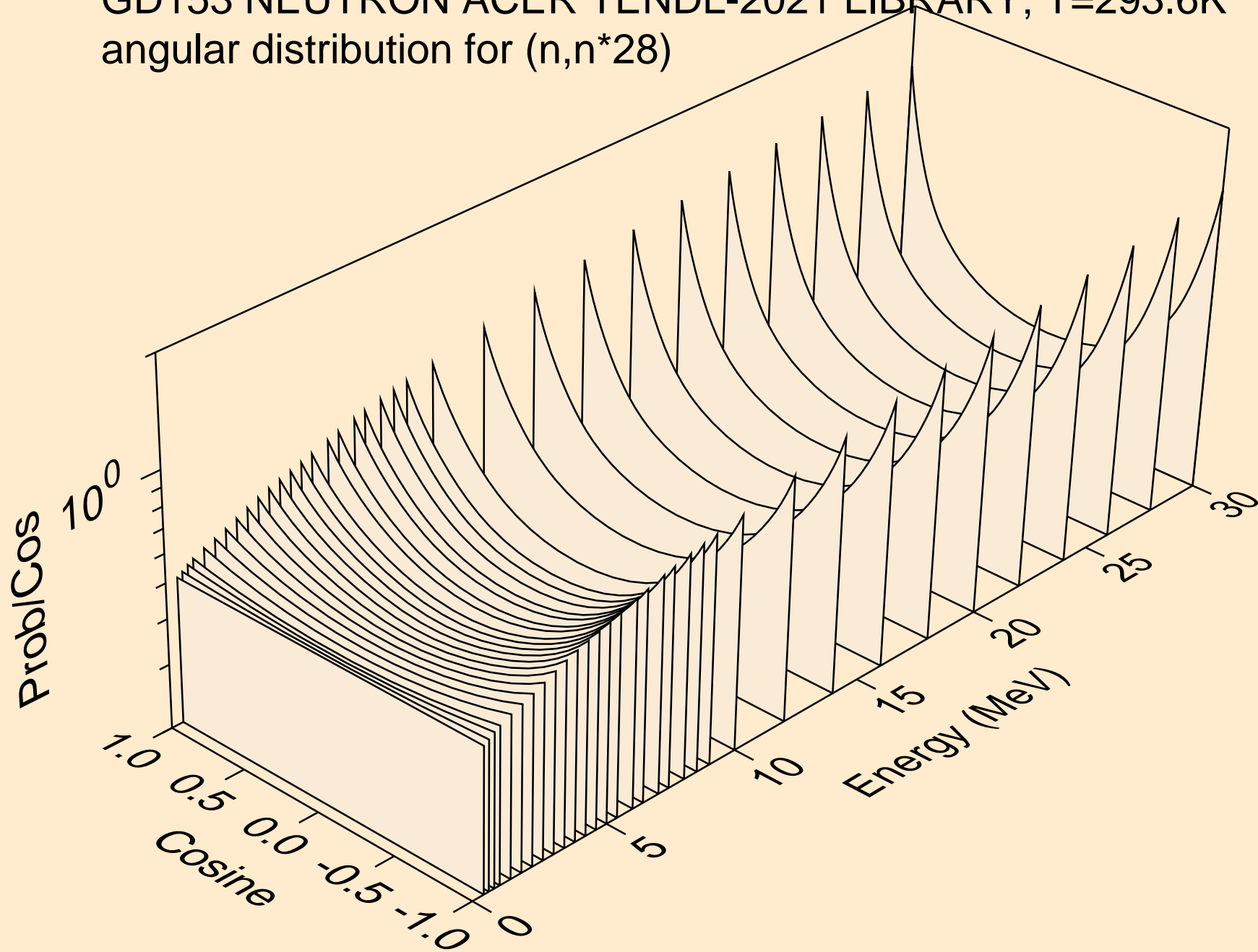
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



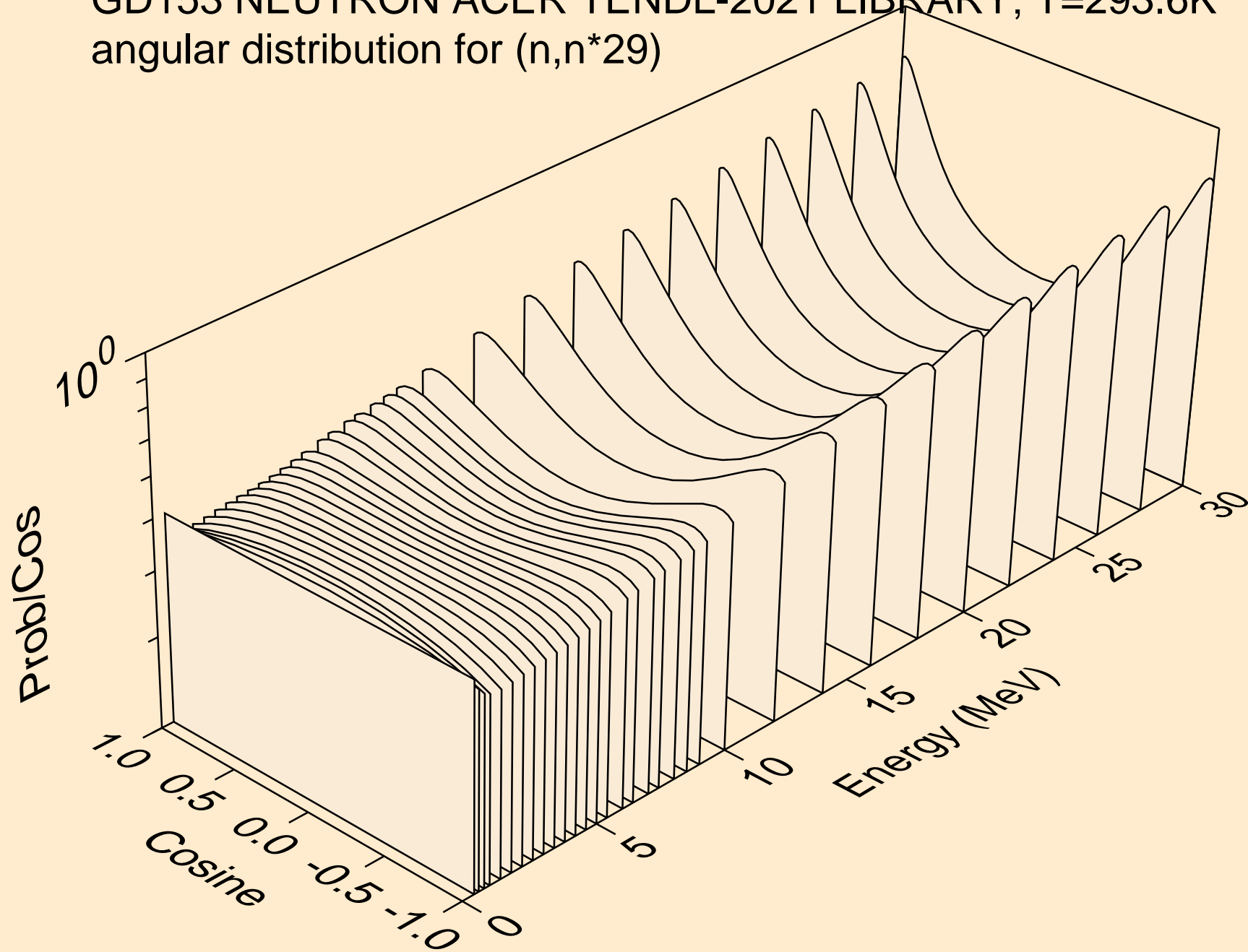
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



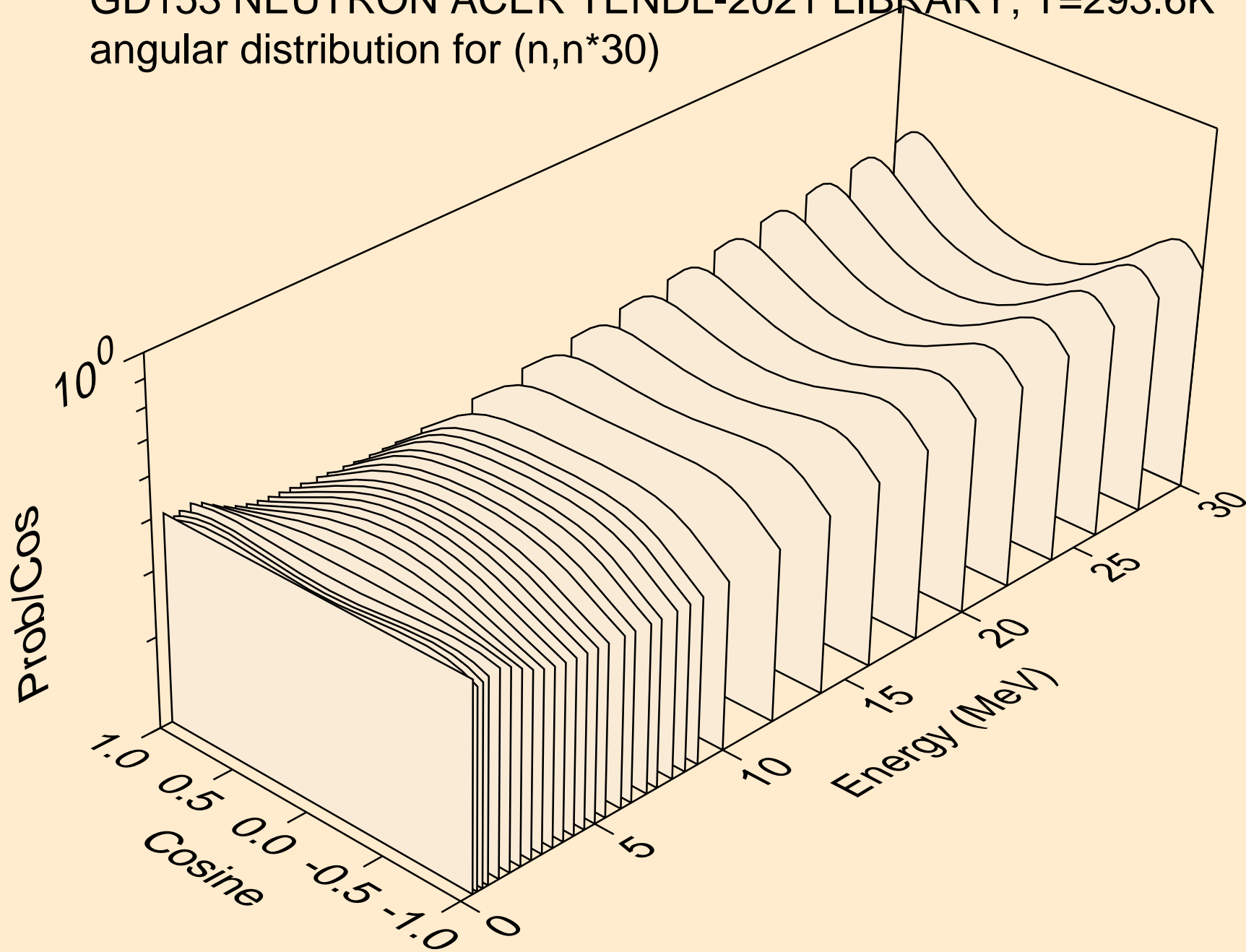
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)

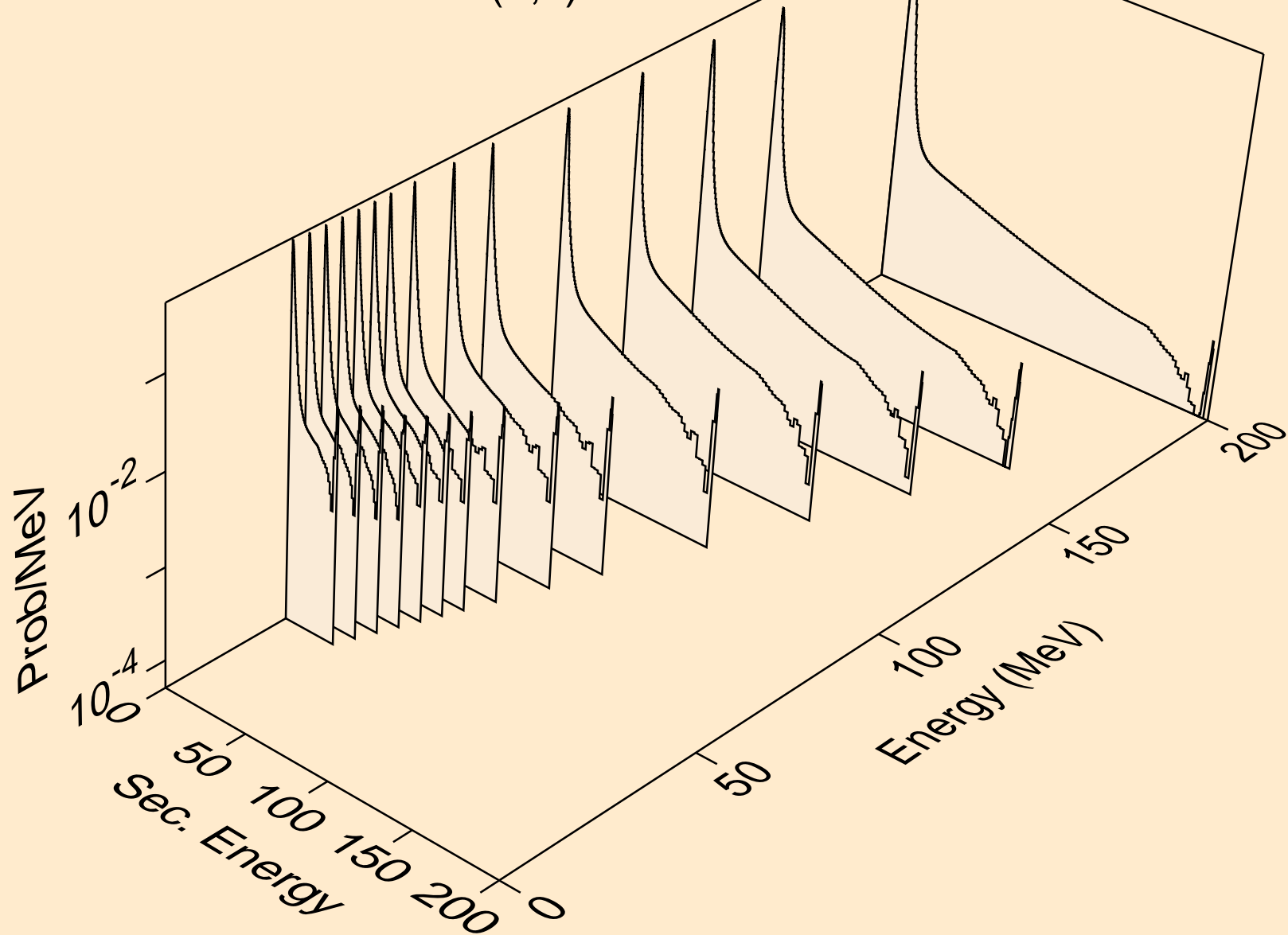


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)

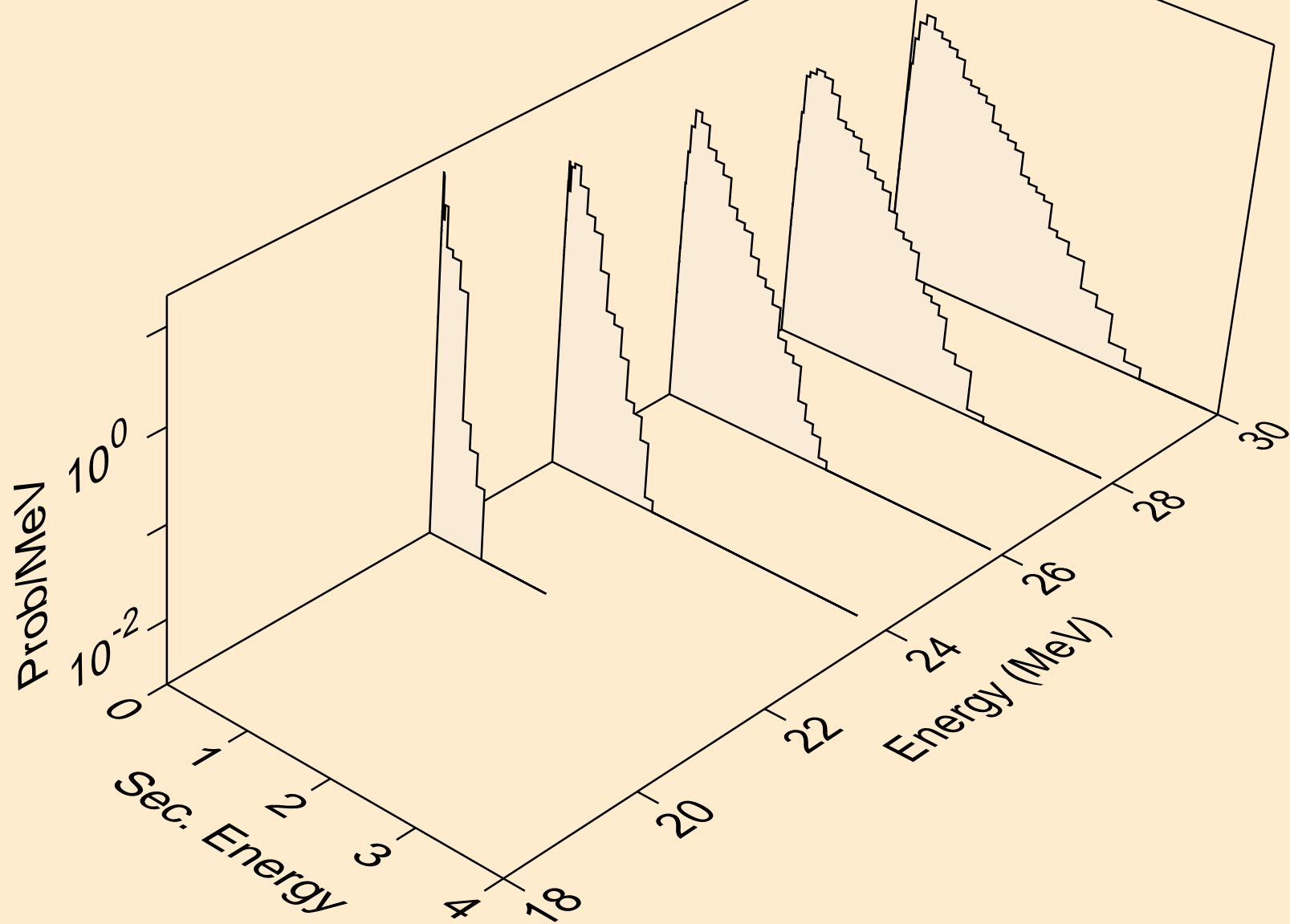




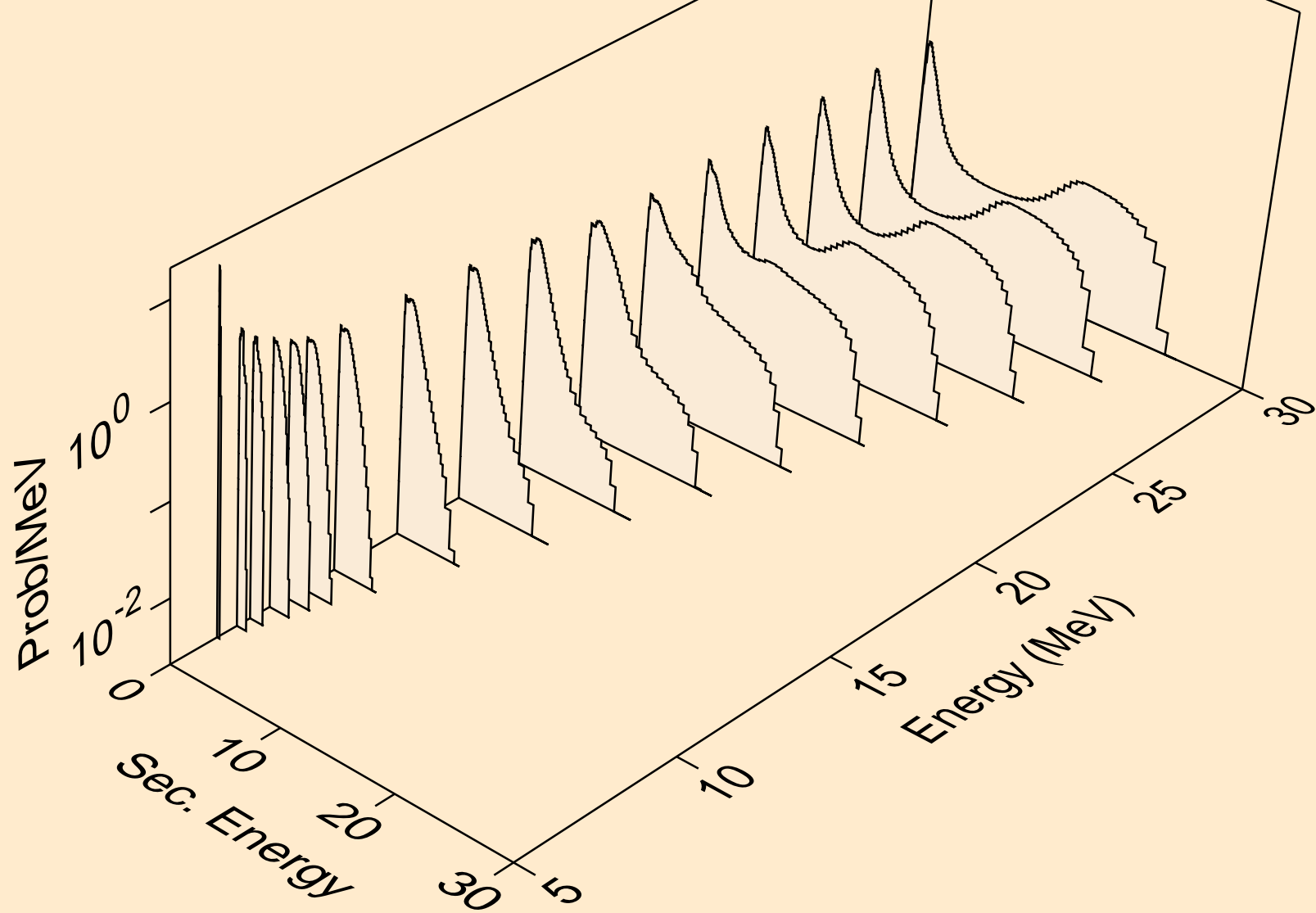
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



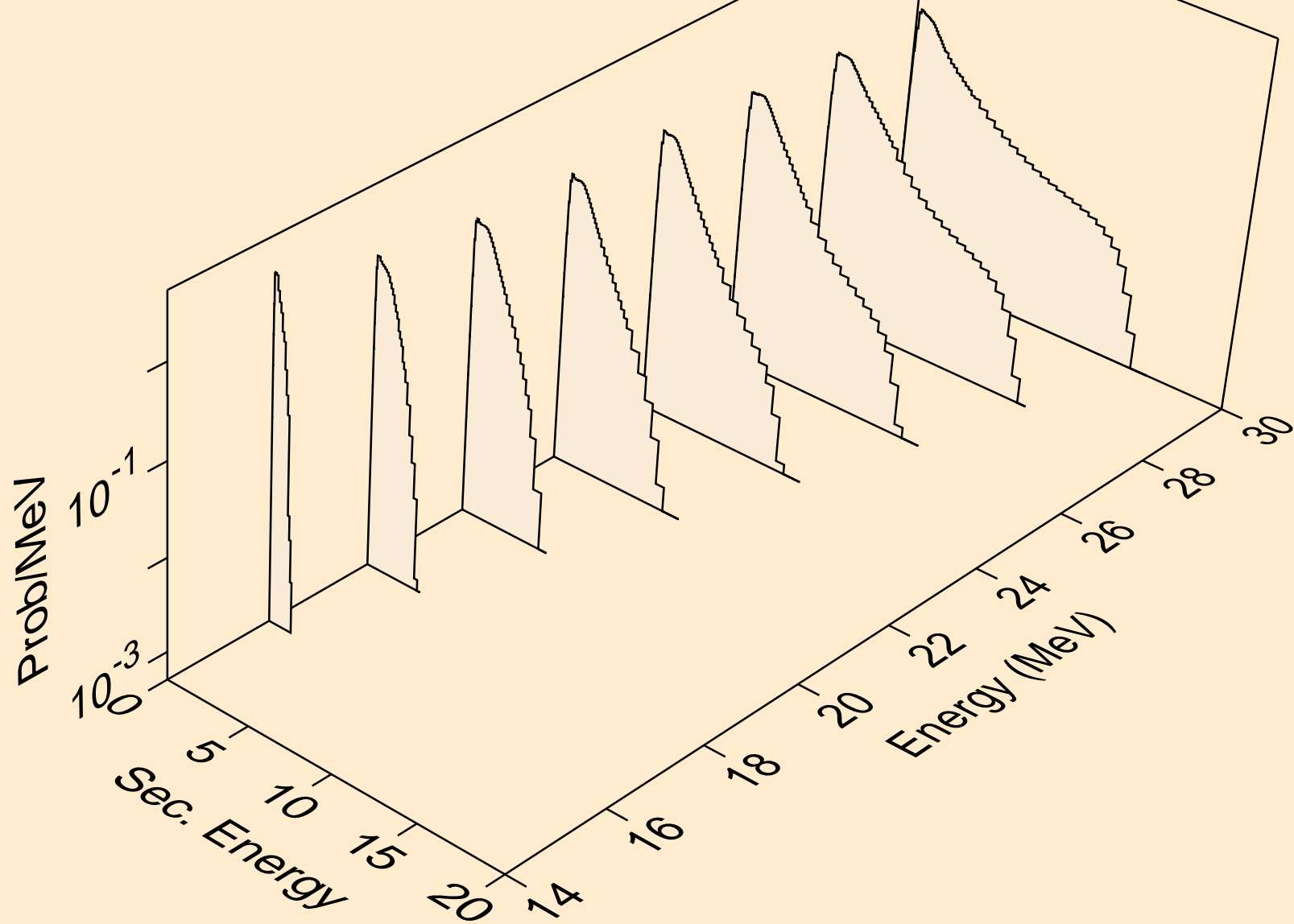
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



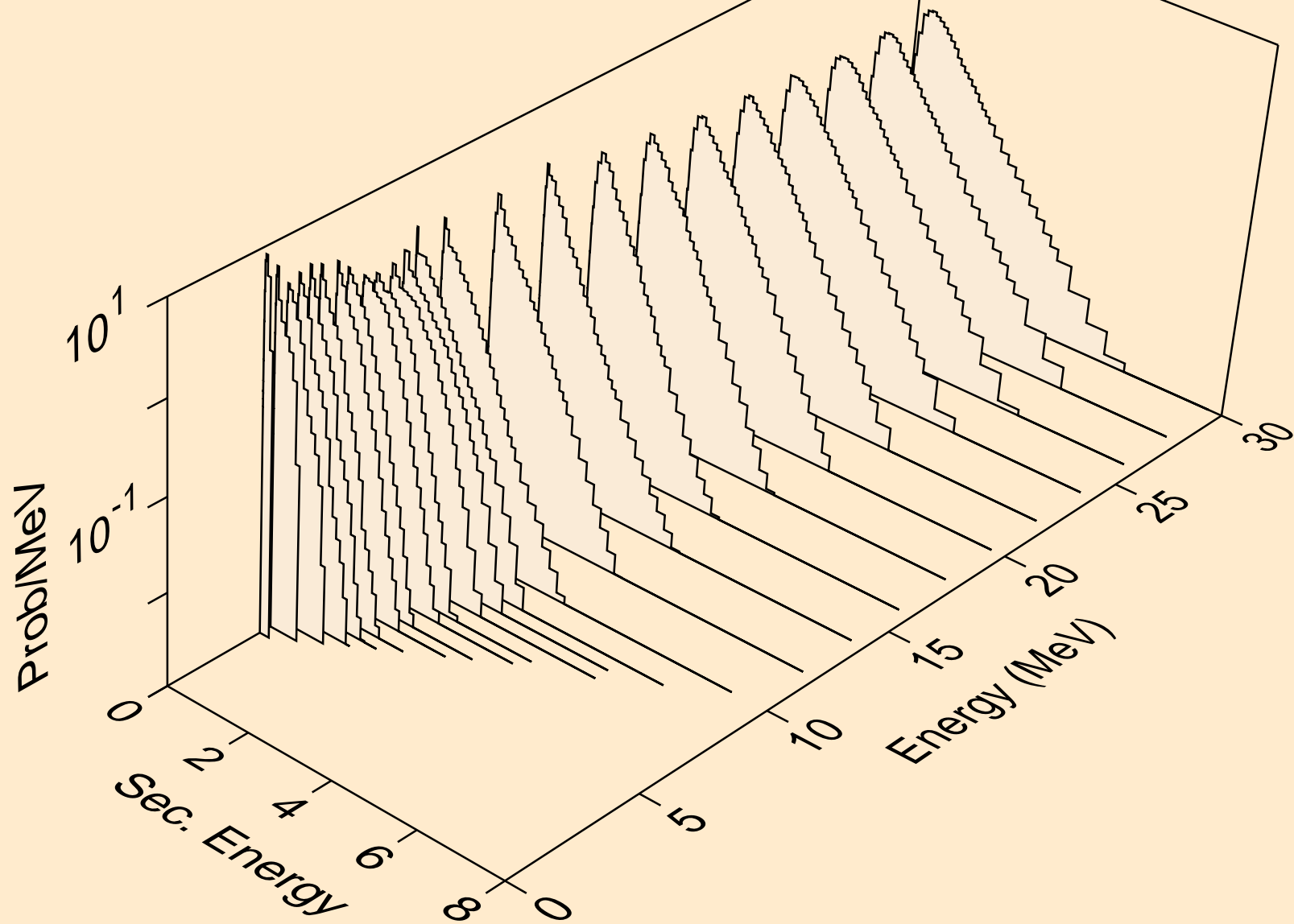
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



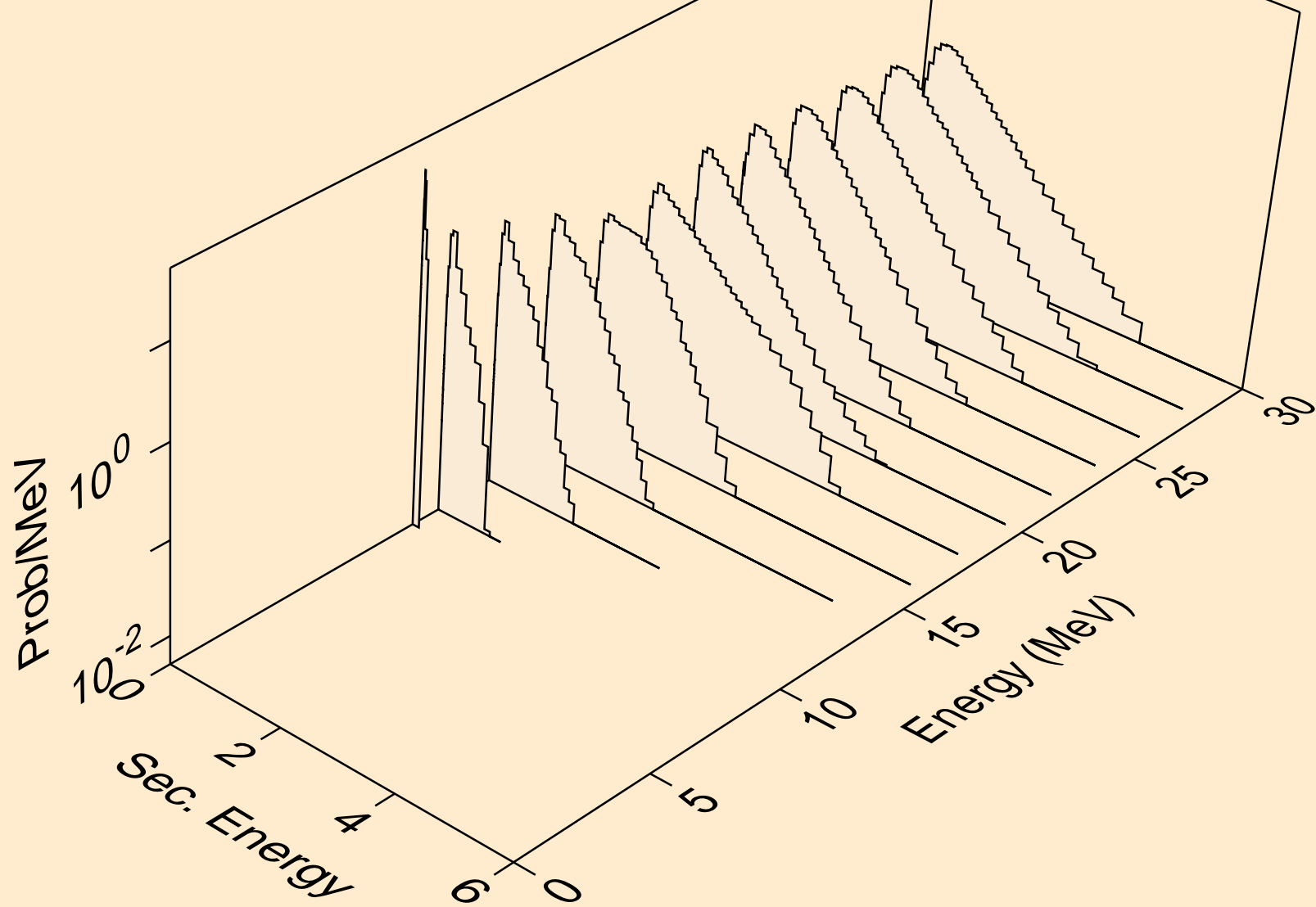
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



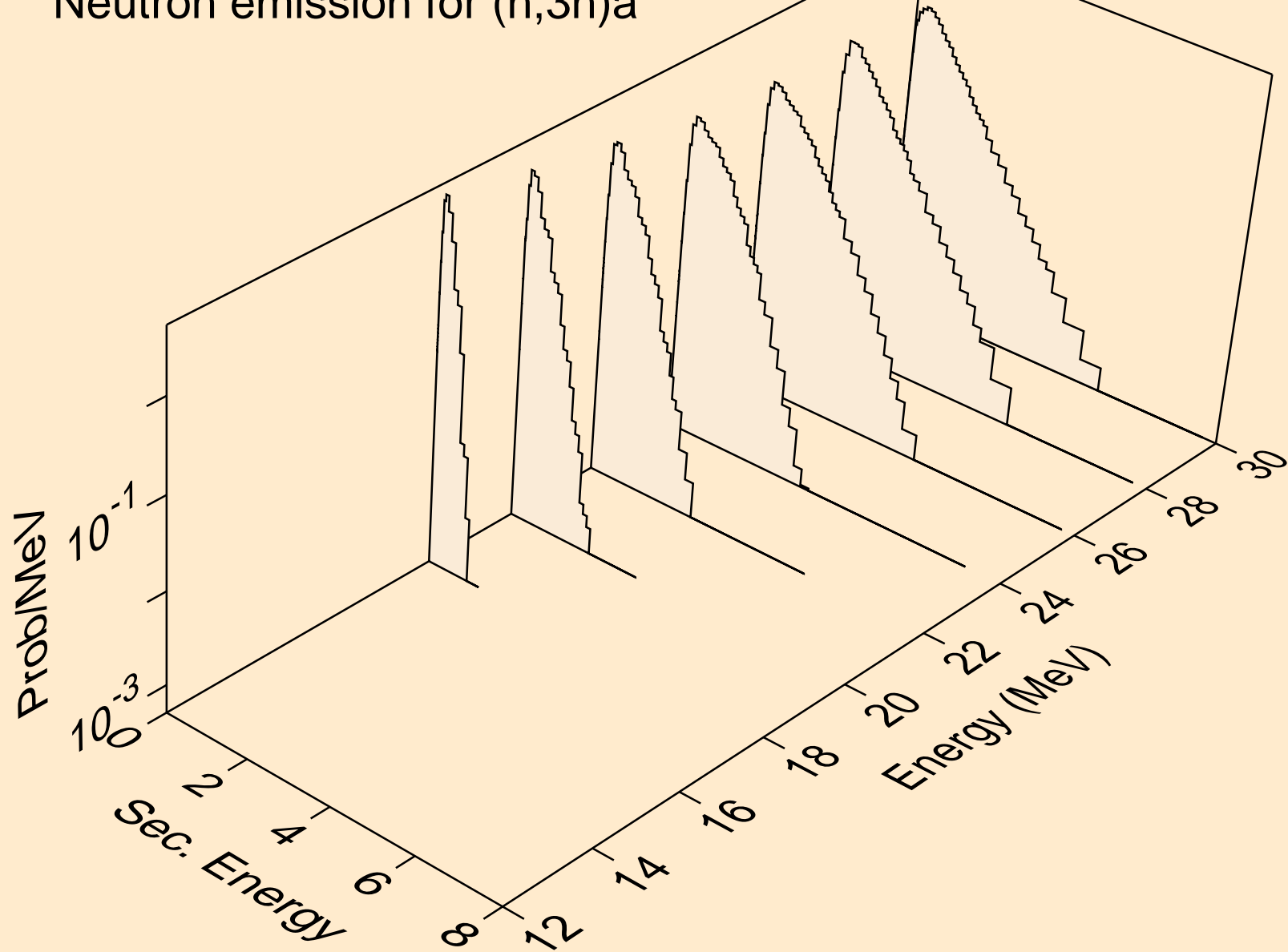
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



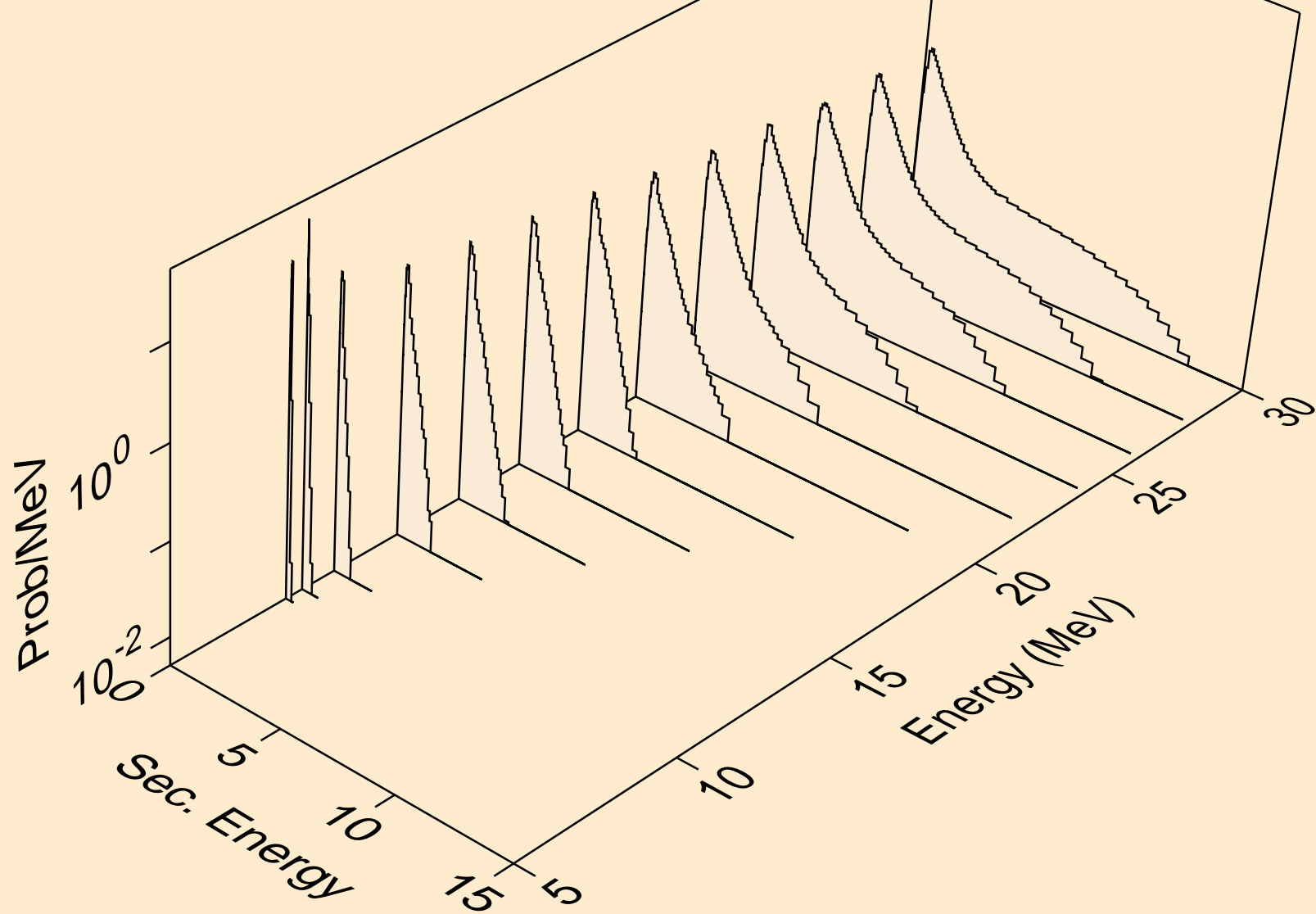
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a

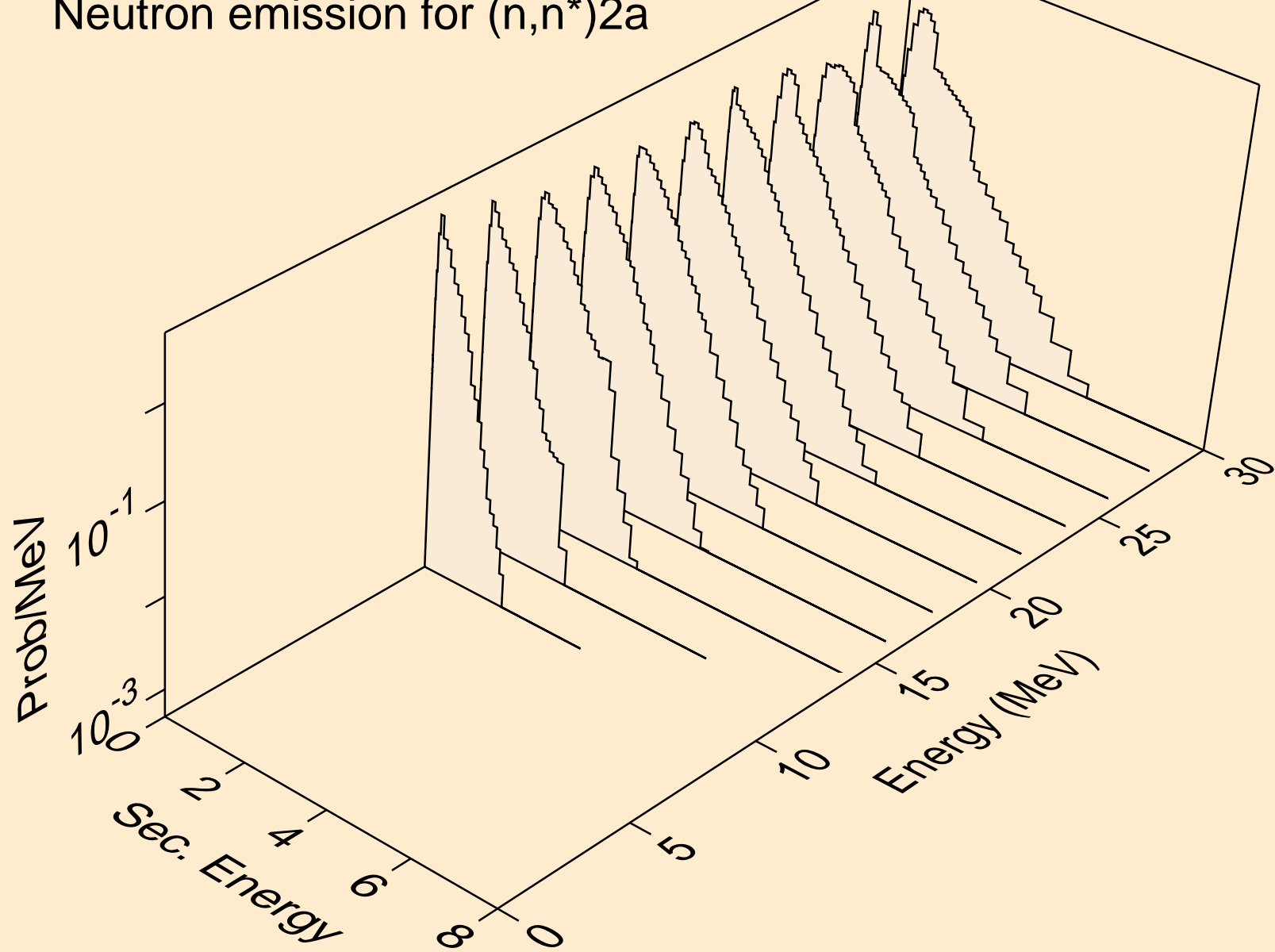


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

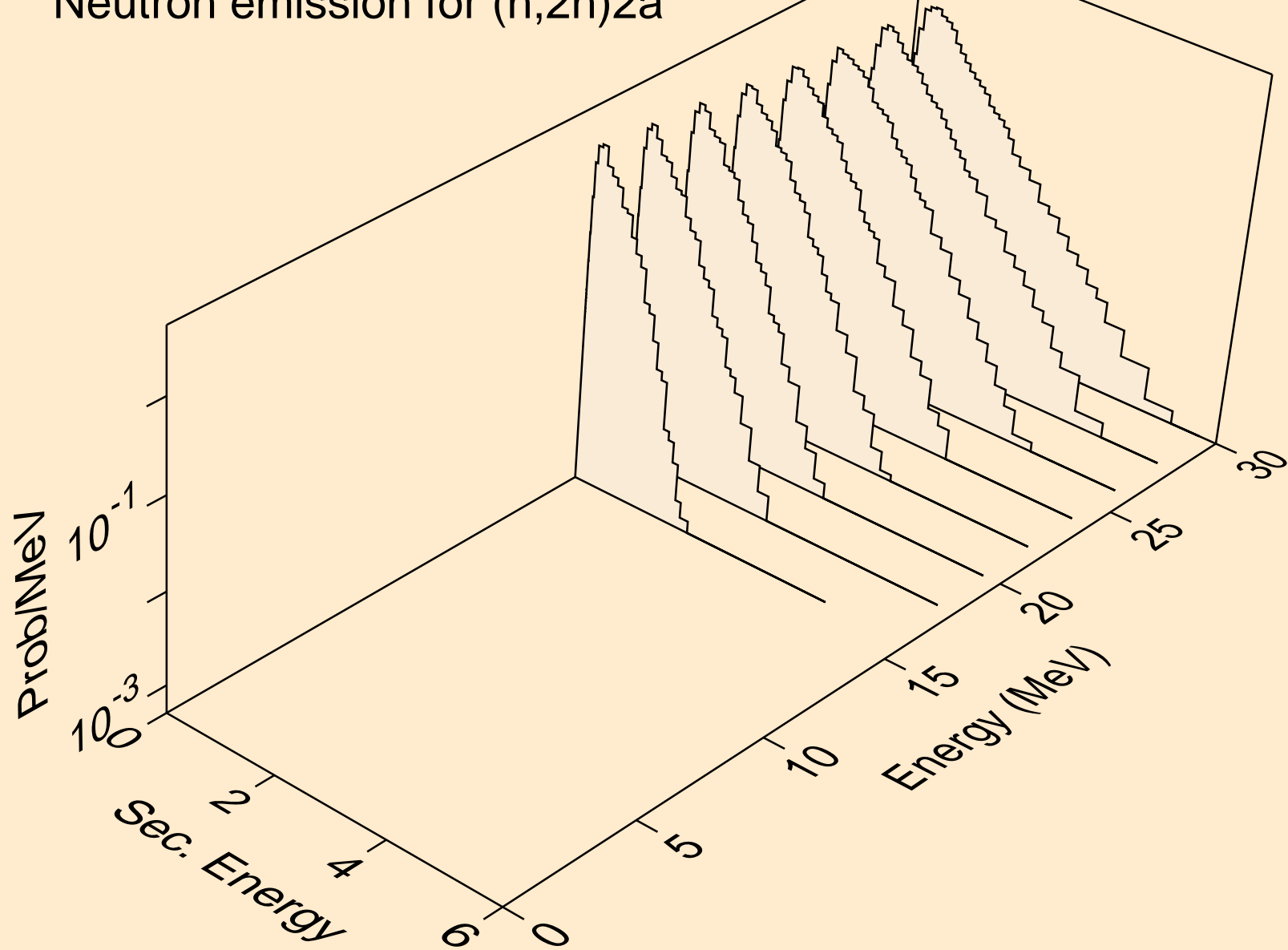




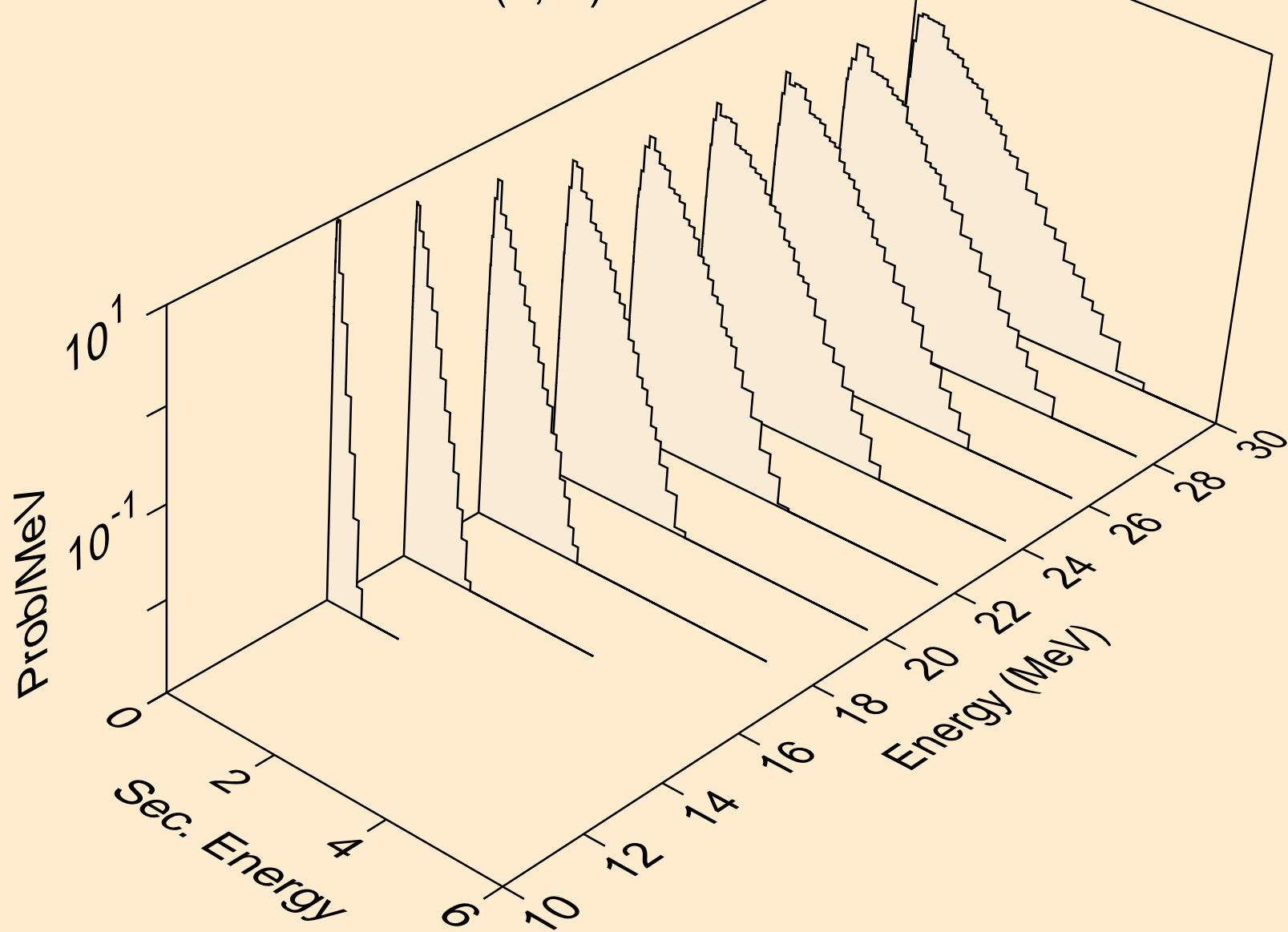
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



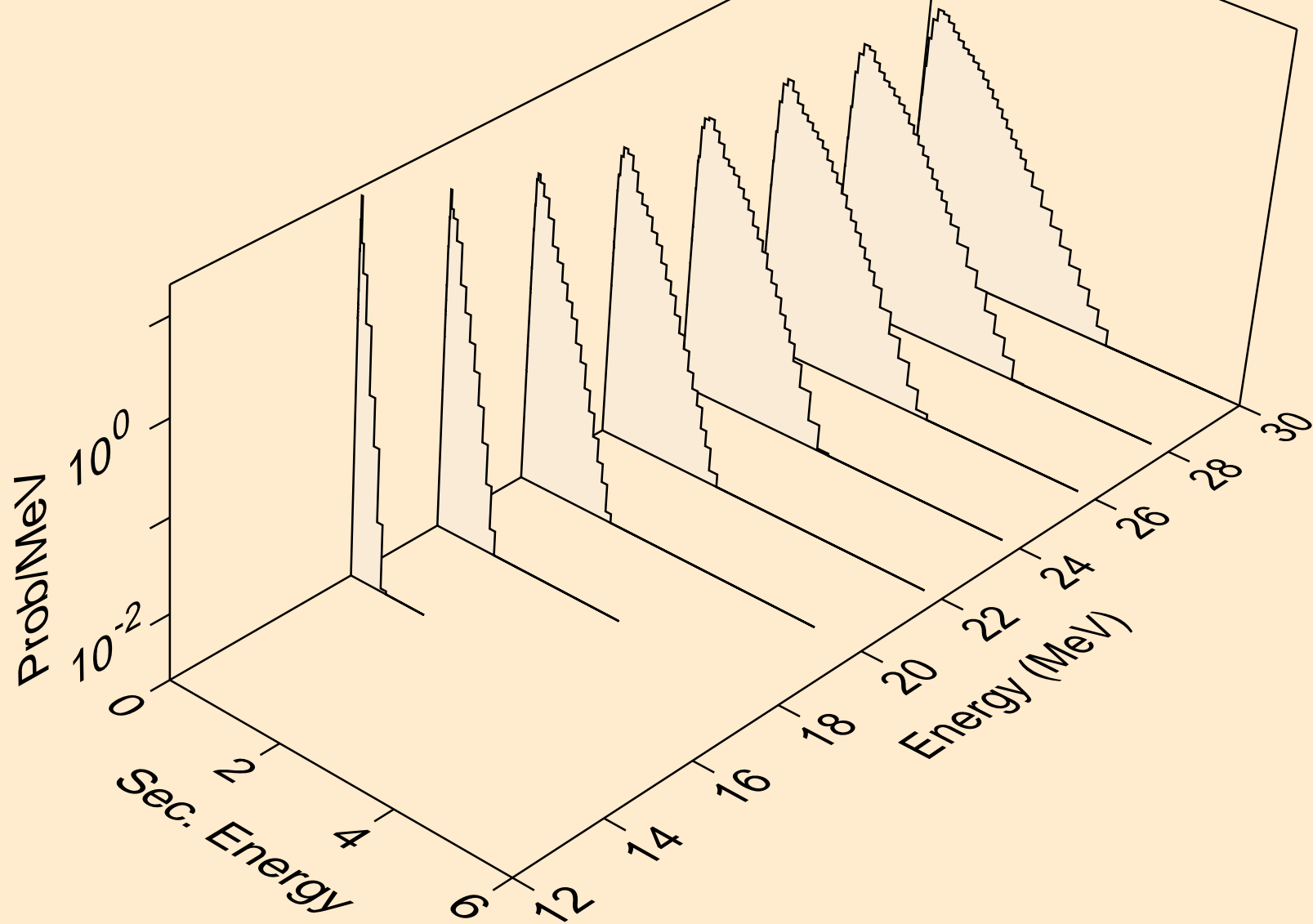
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



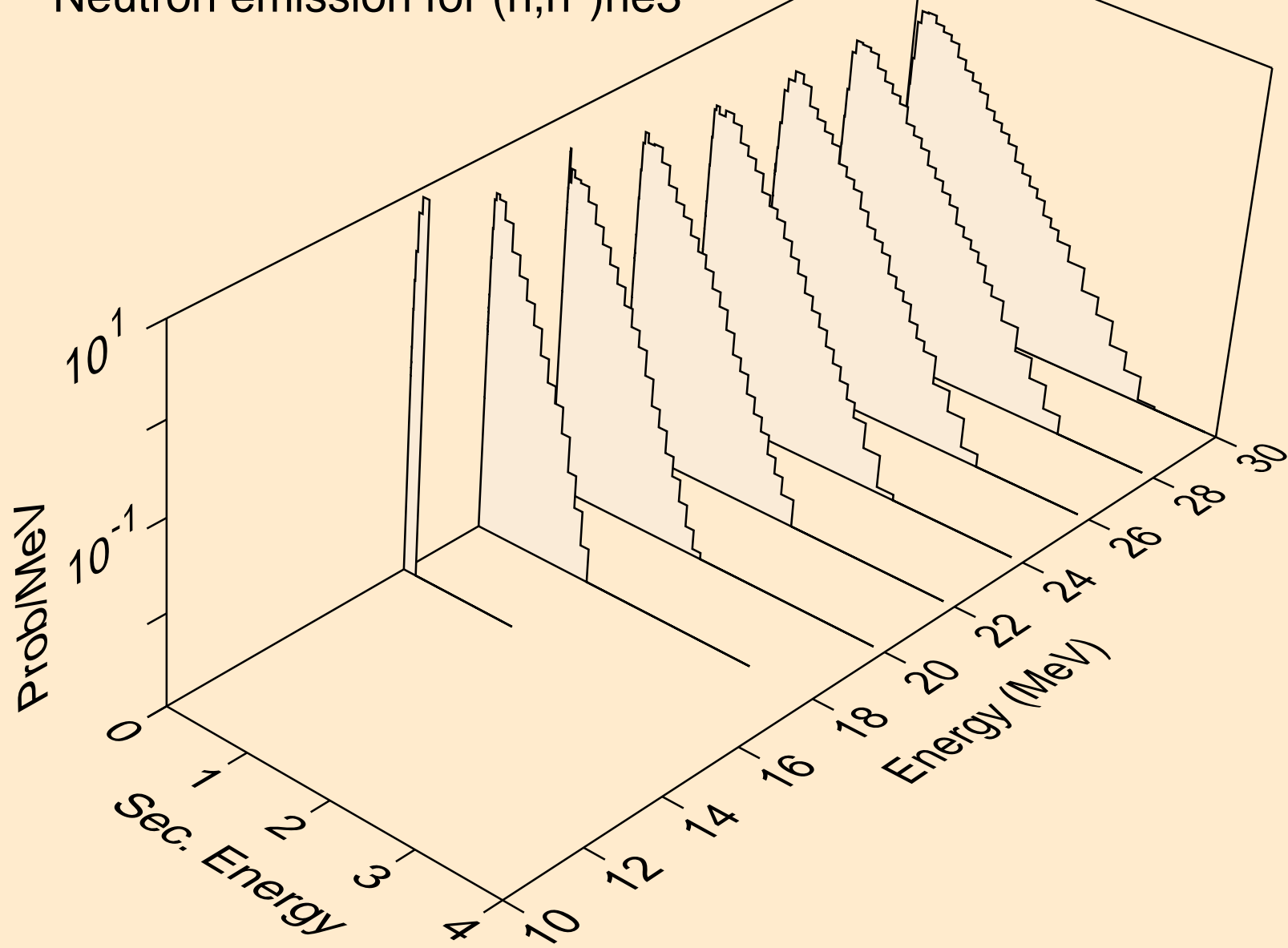
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



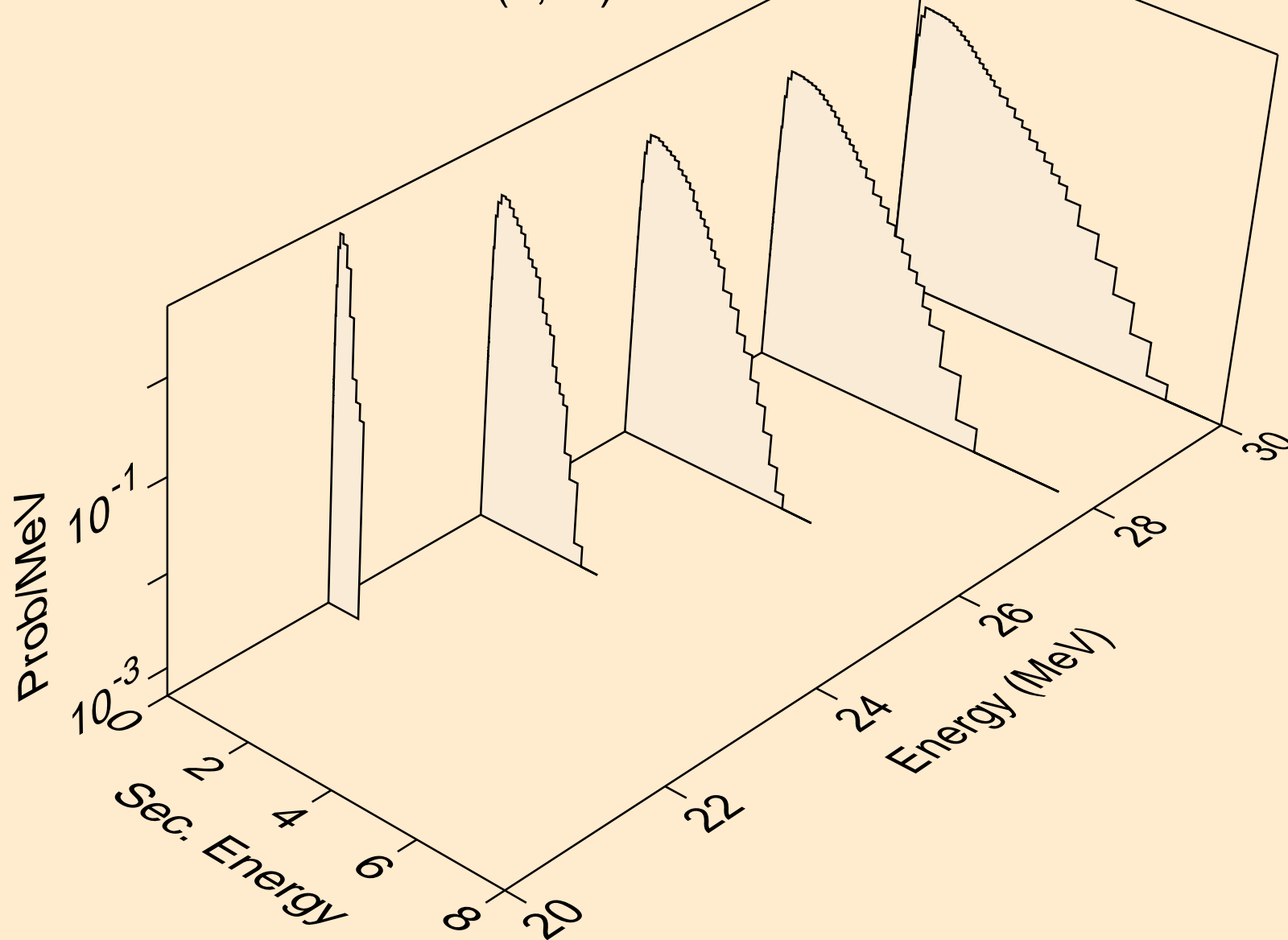
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



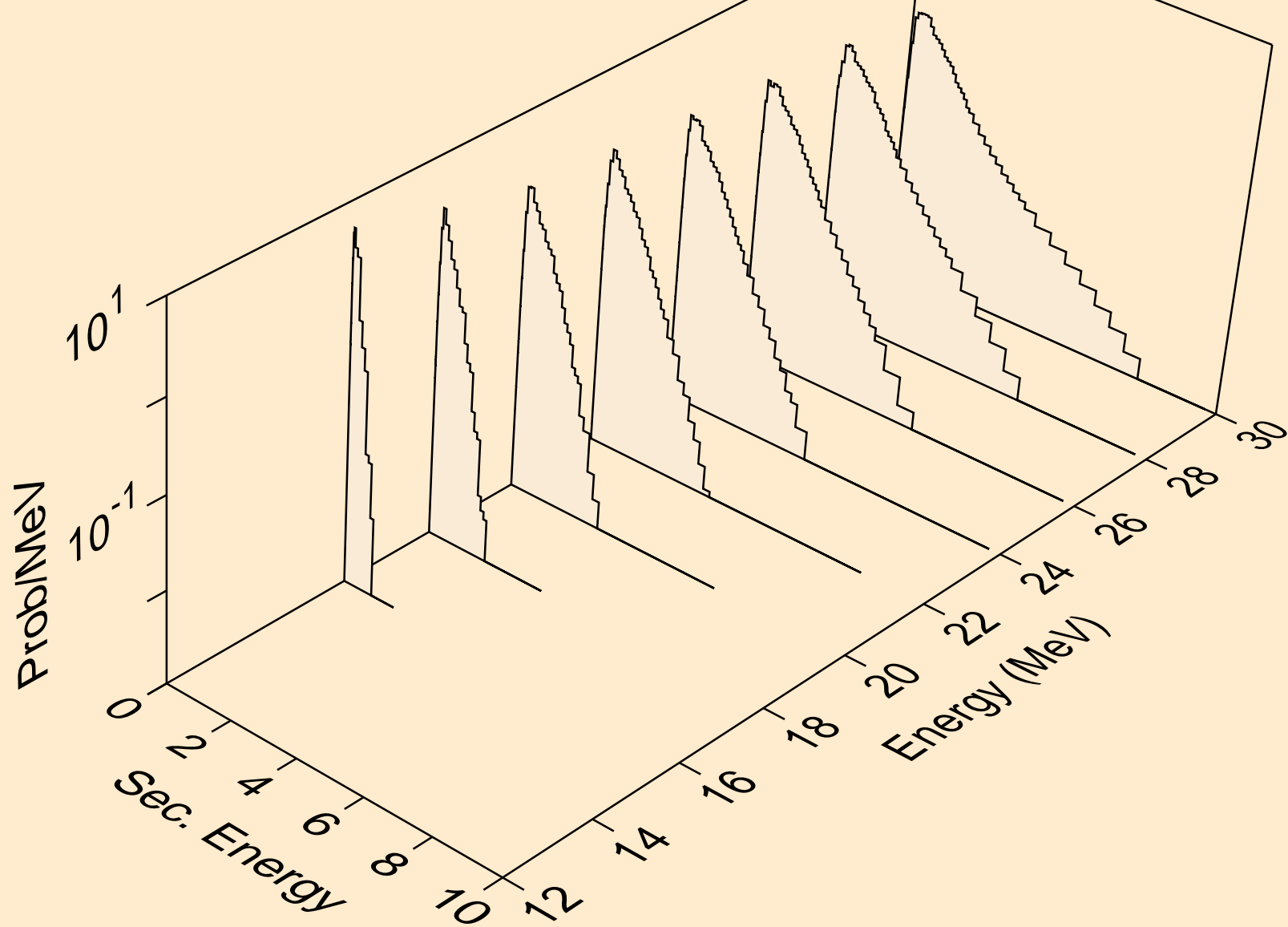
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



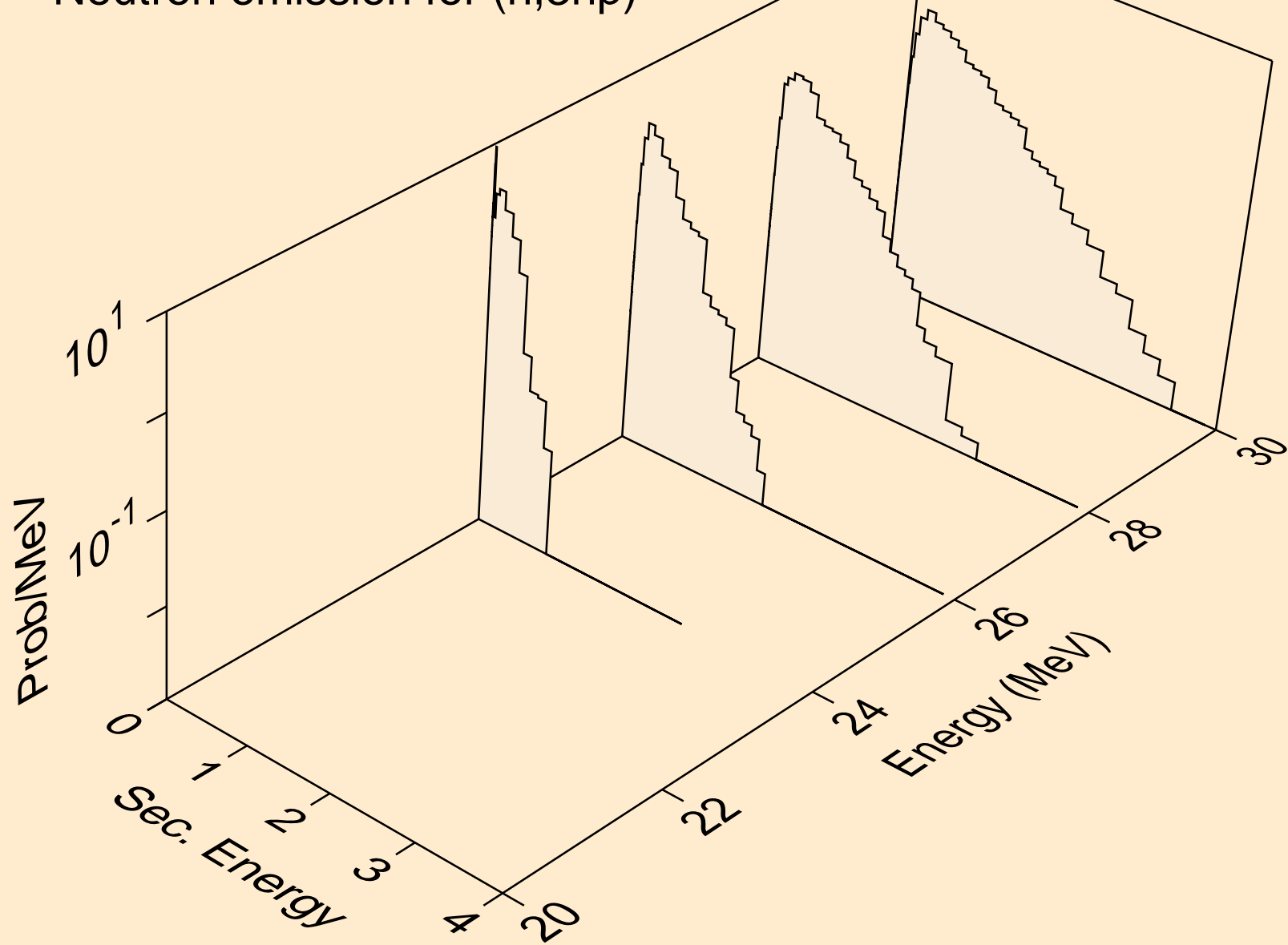
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

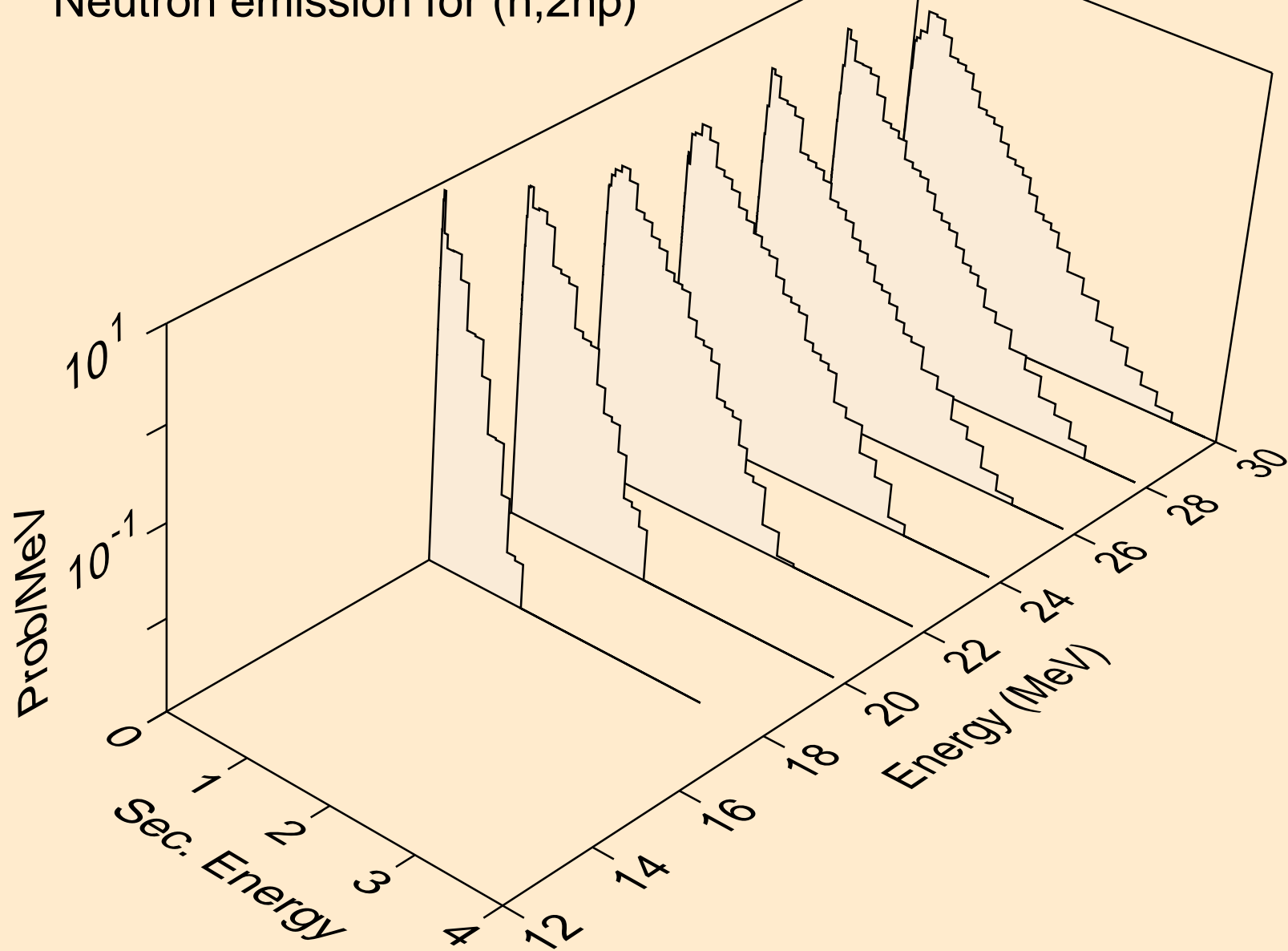


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

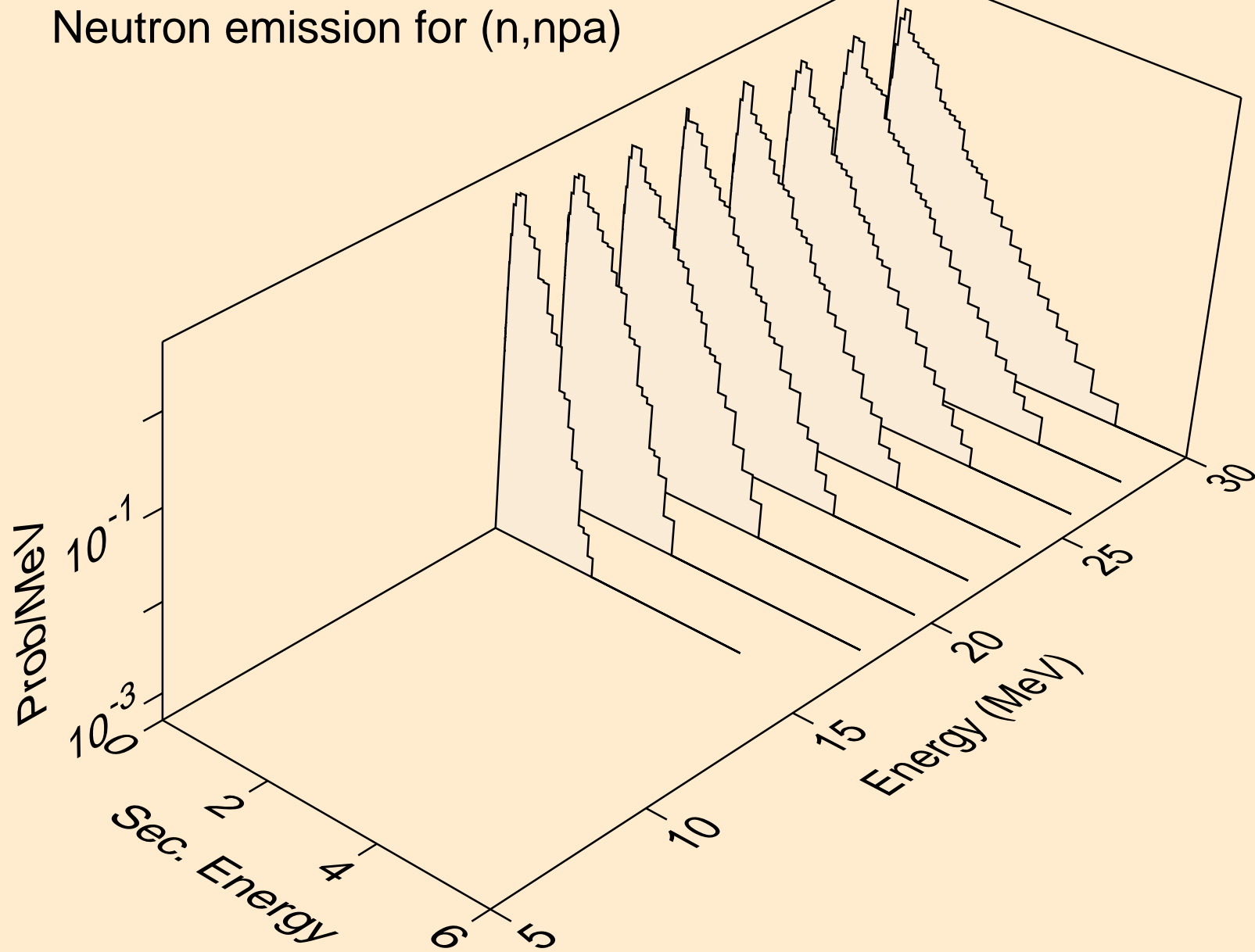




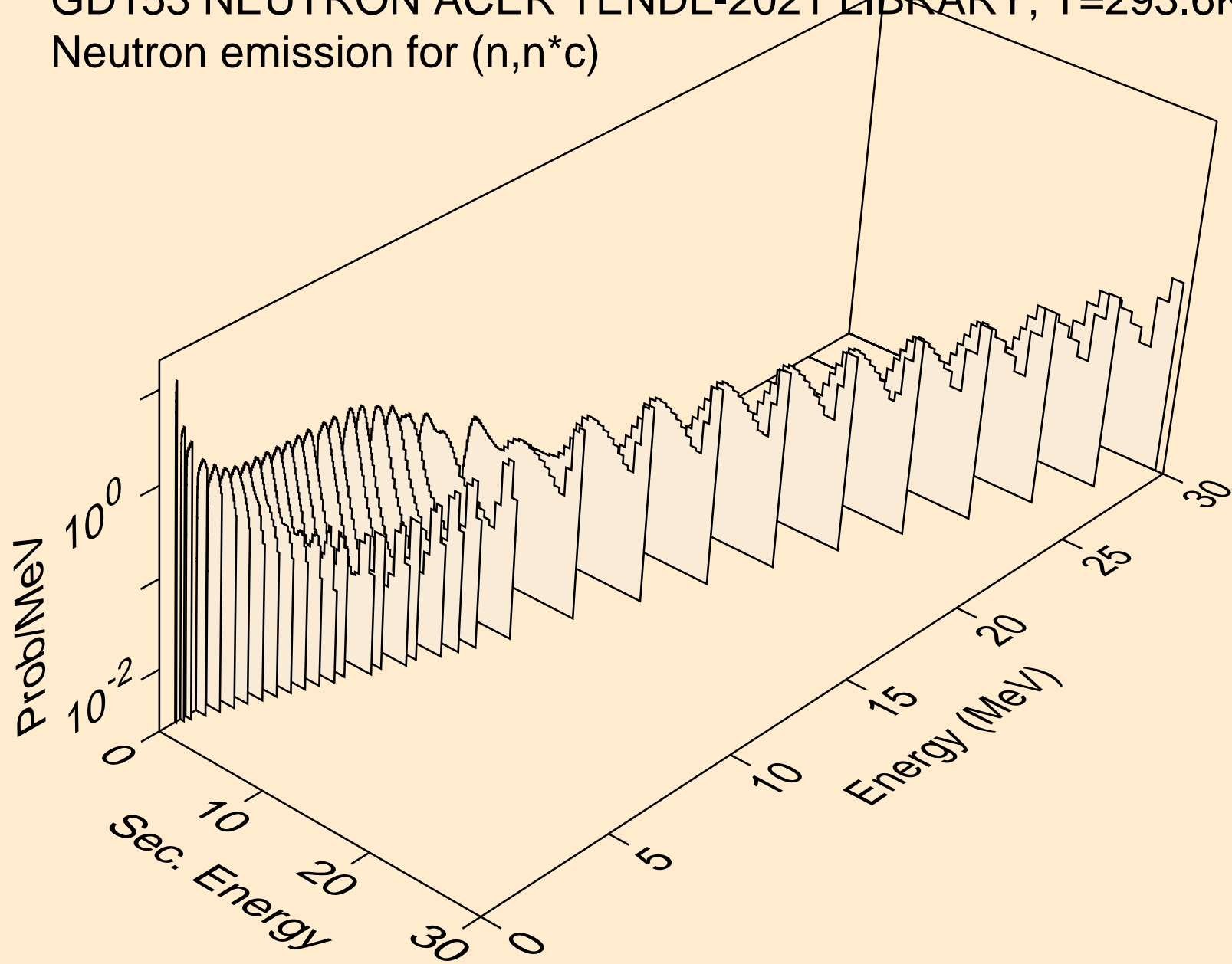
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



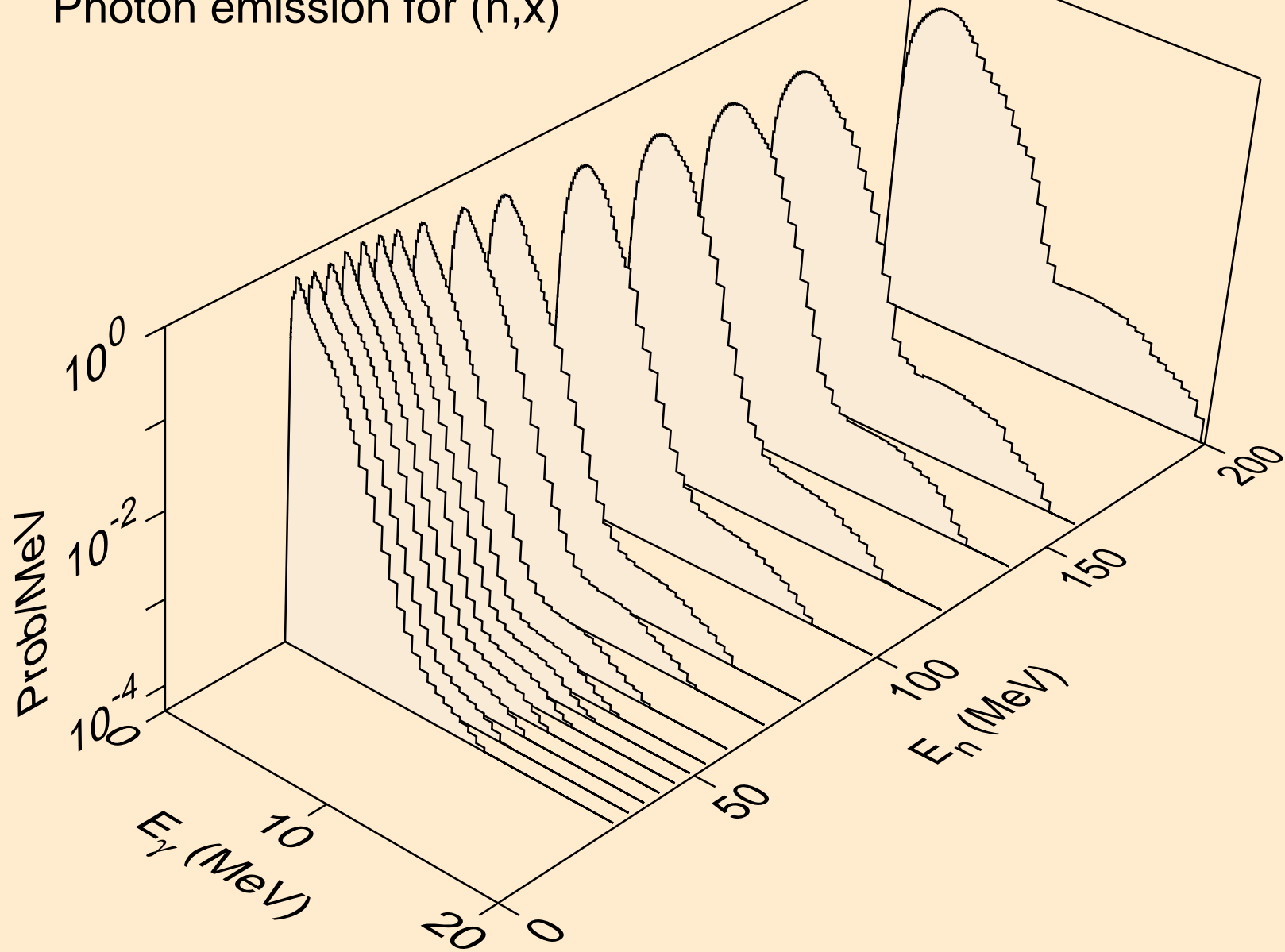
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



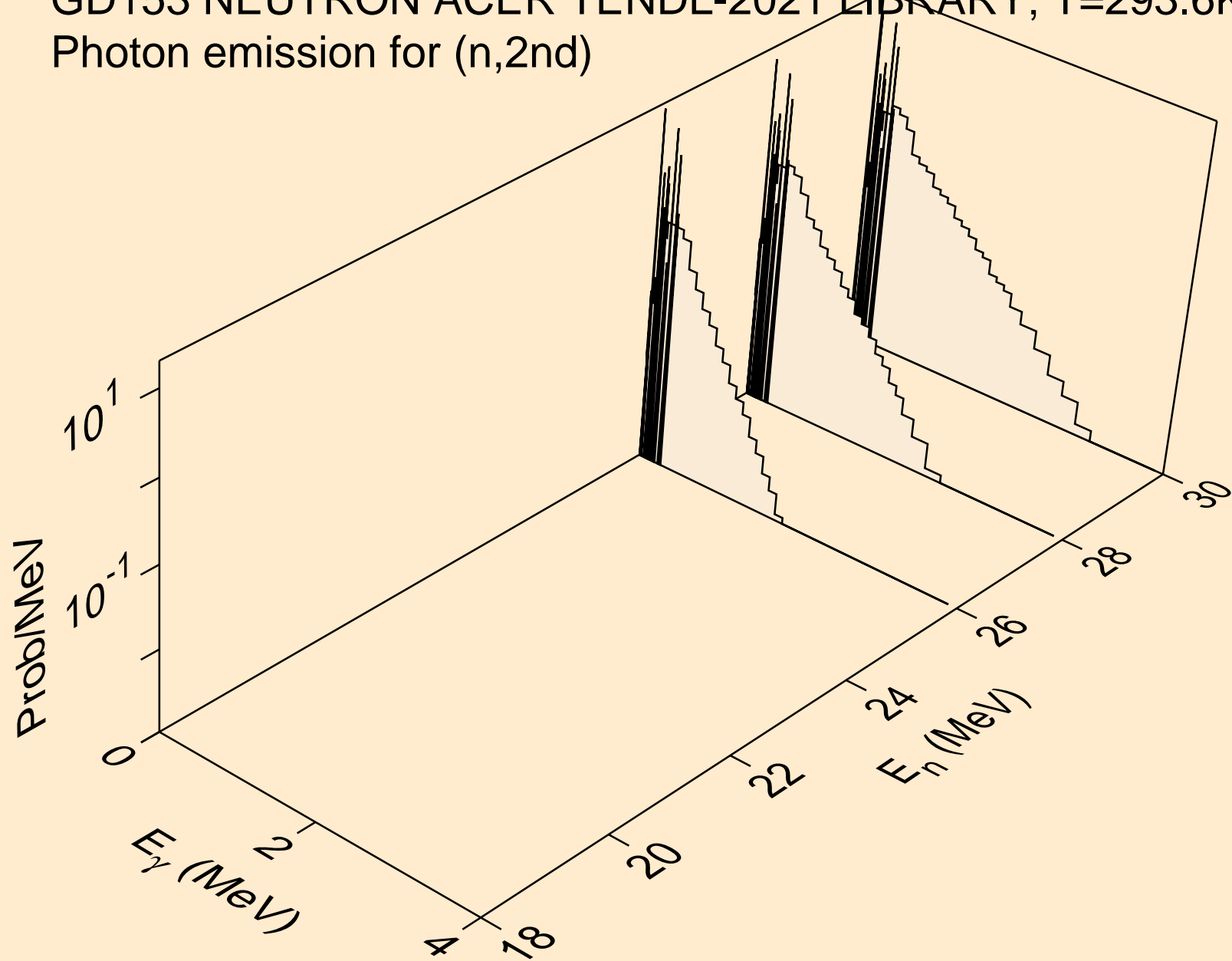
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



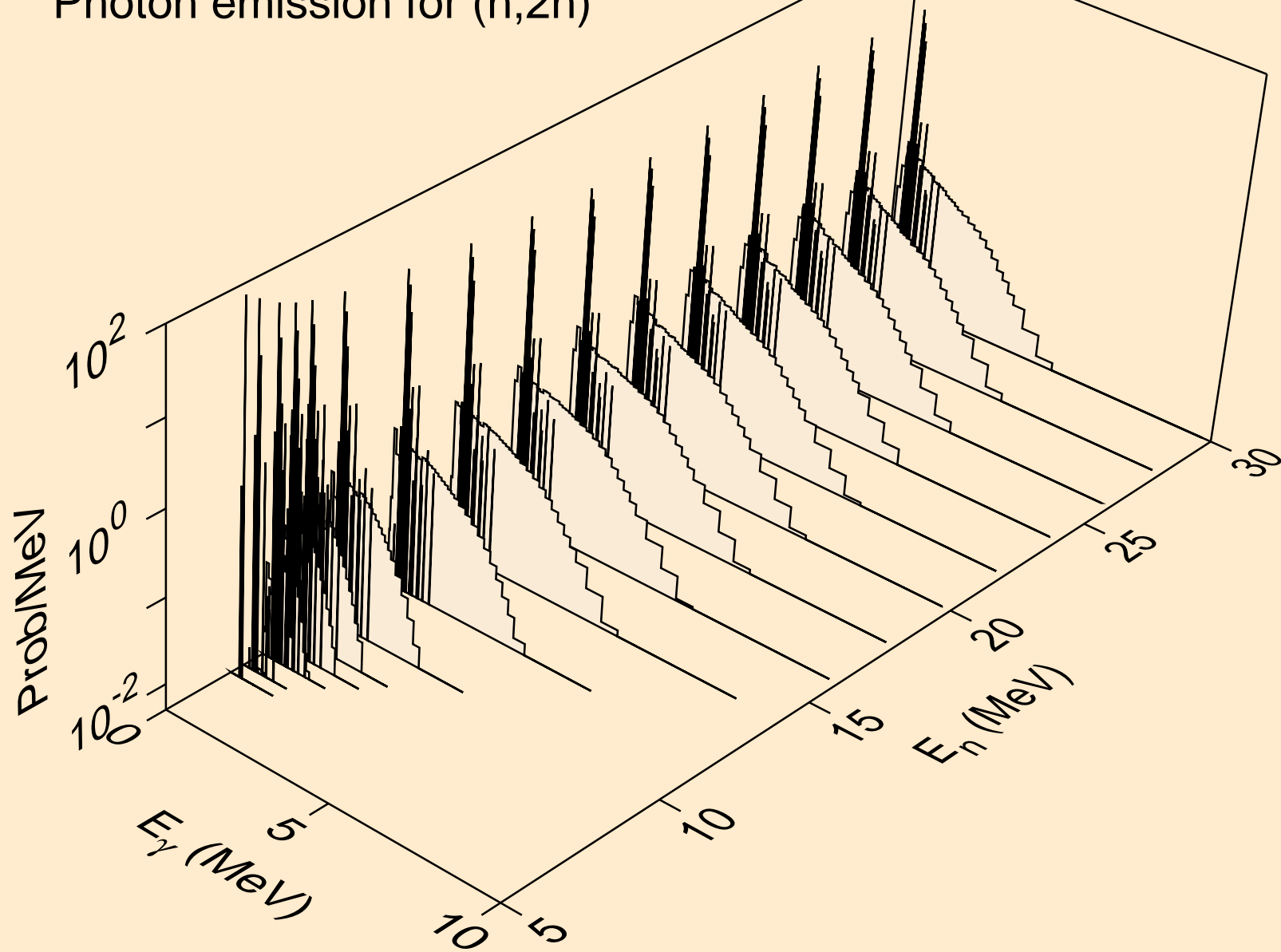
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



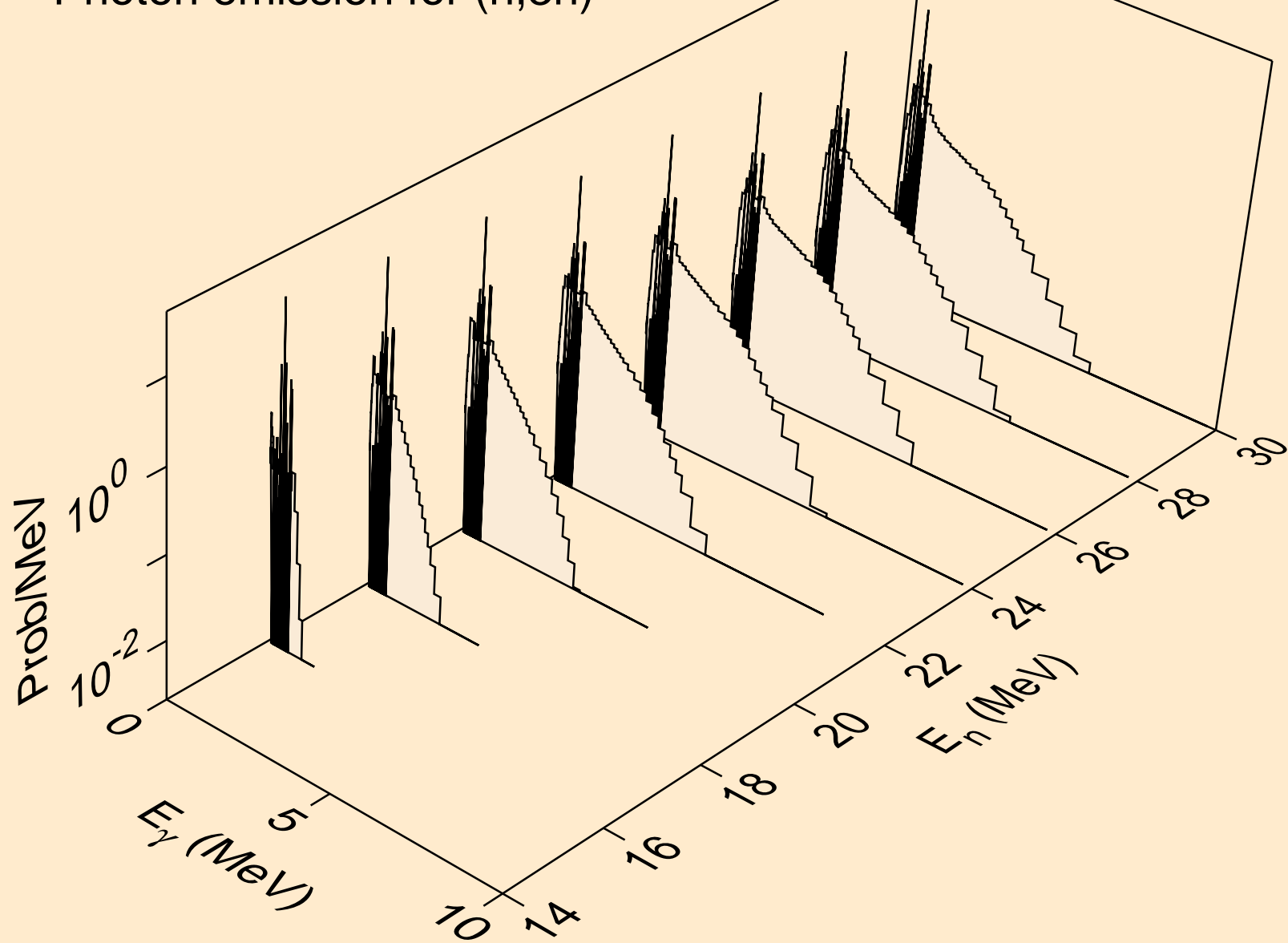
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



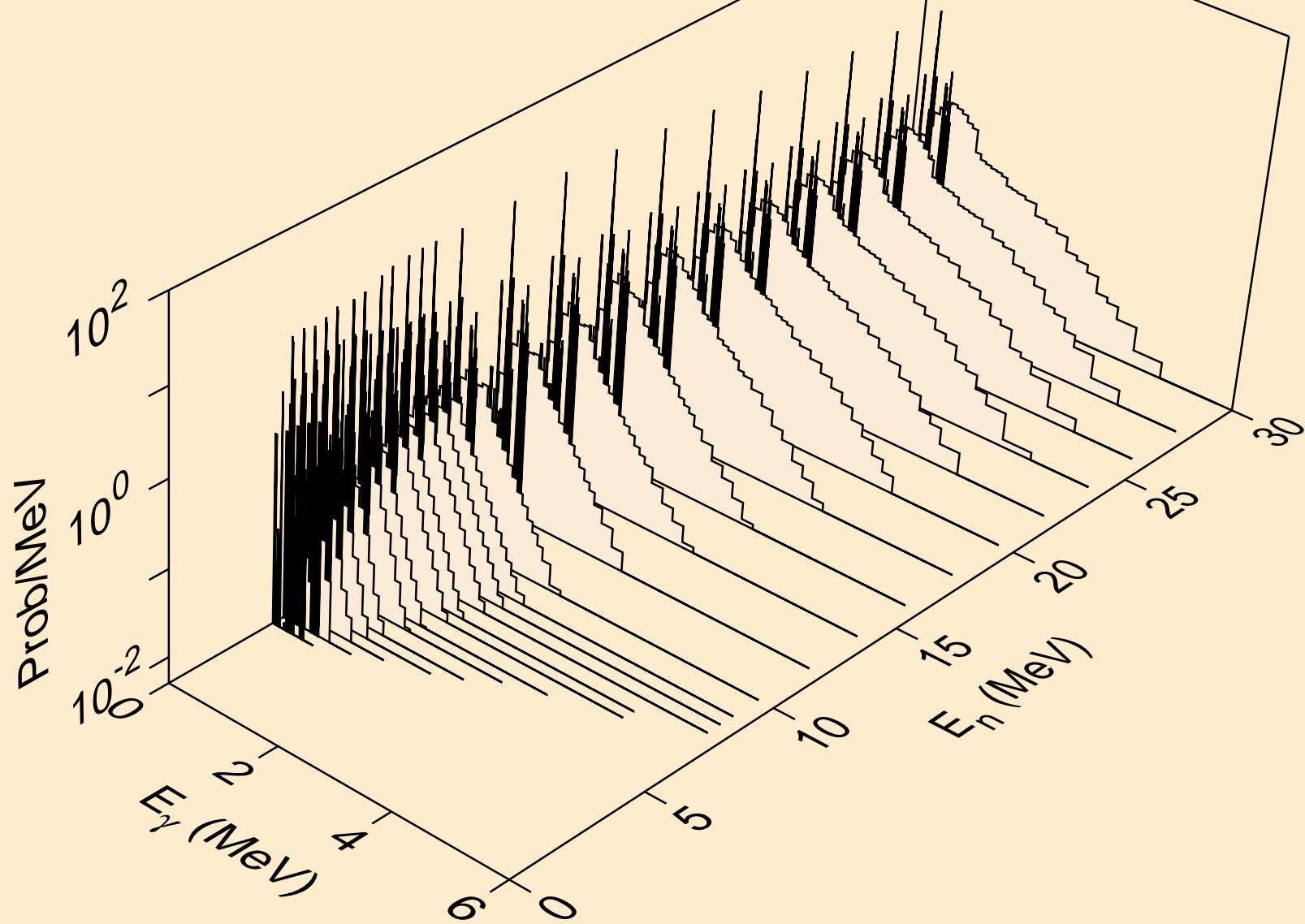
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

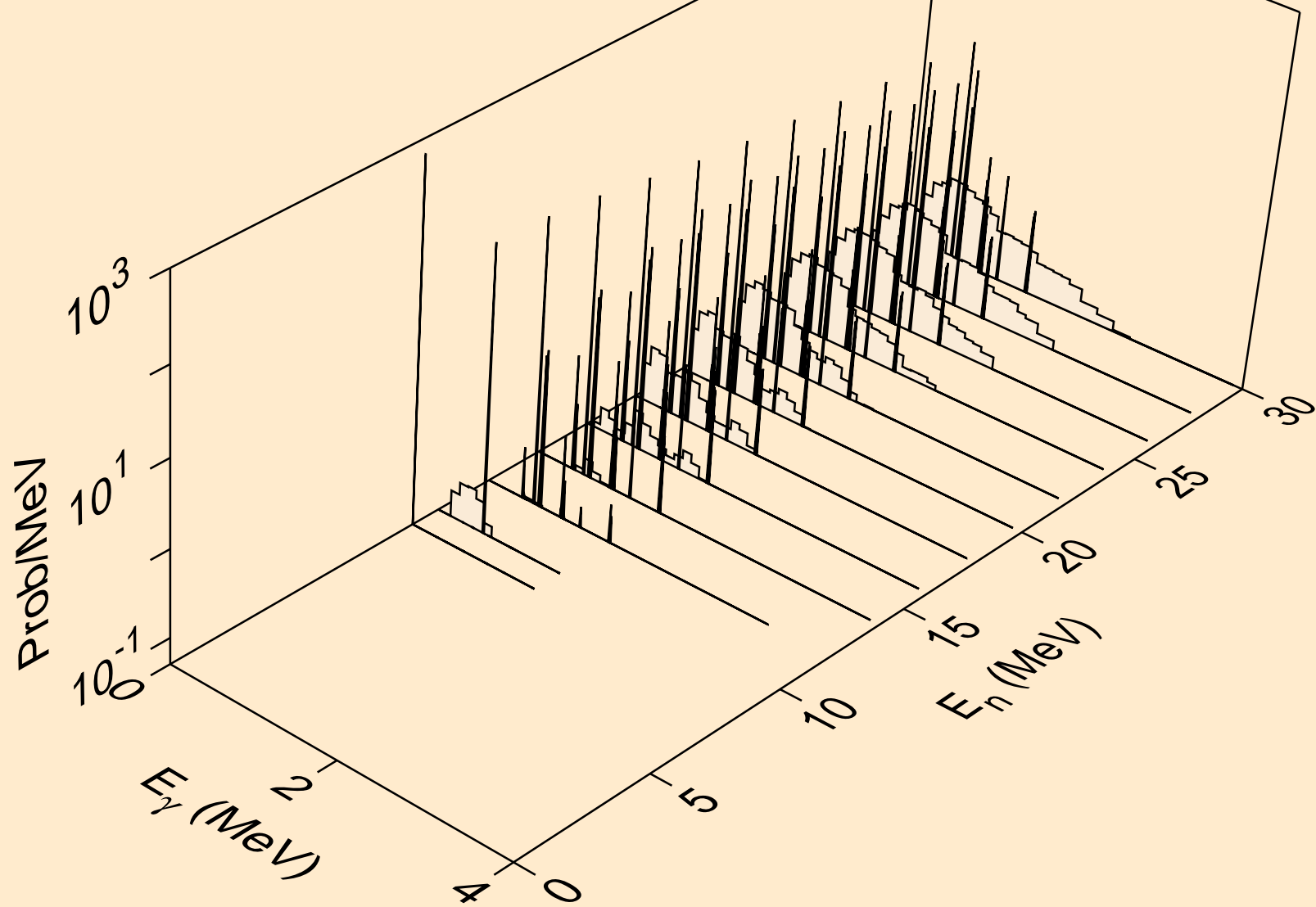


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

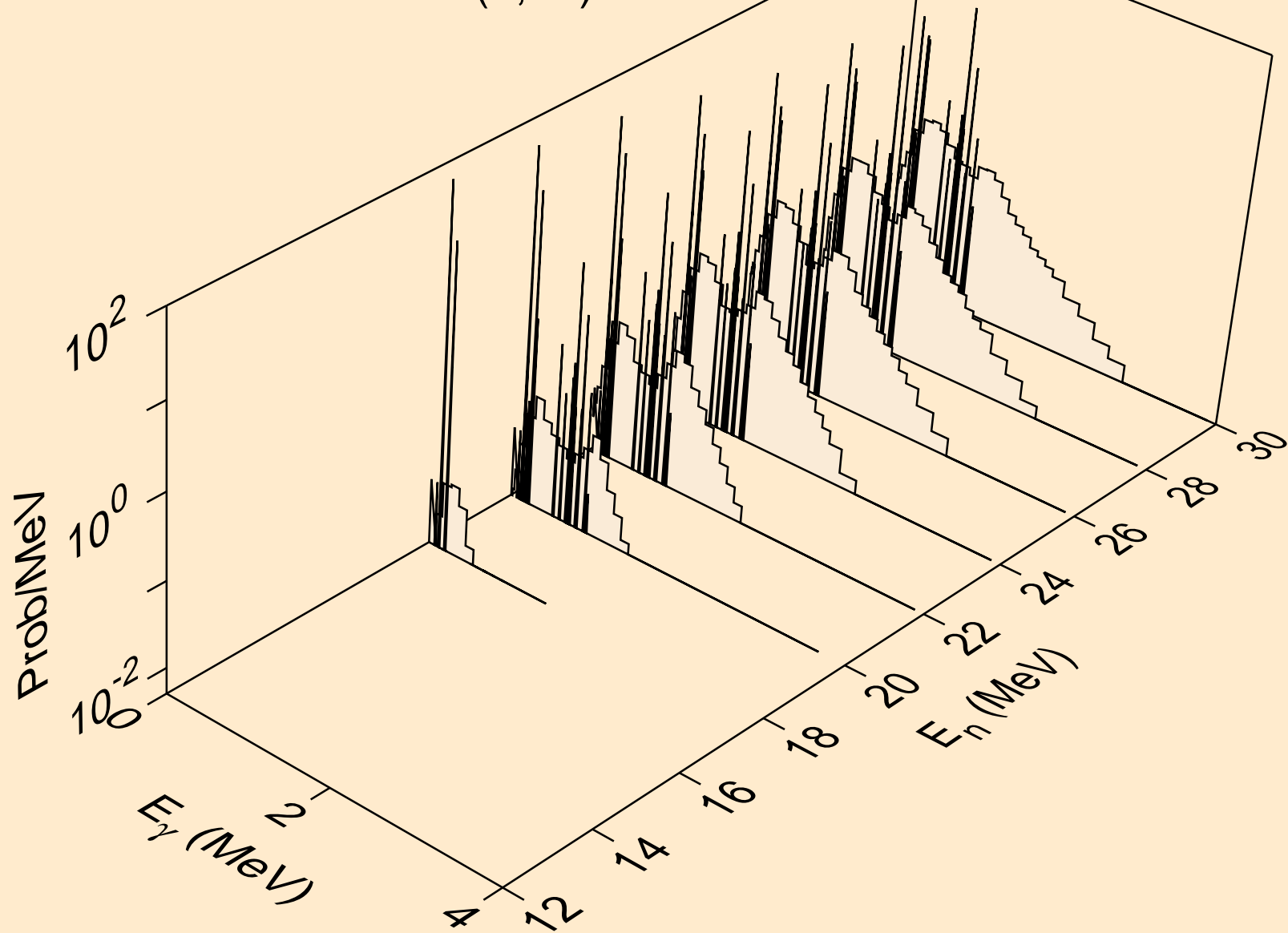




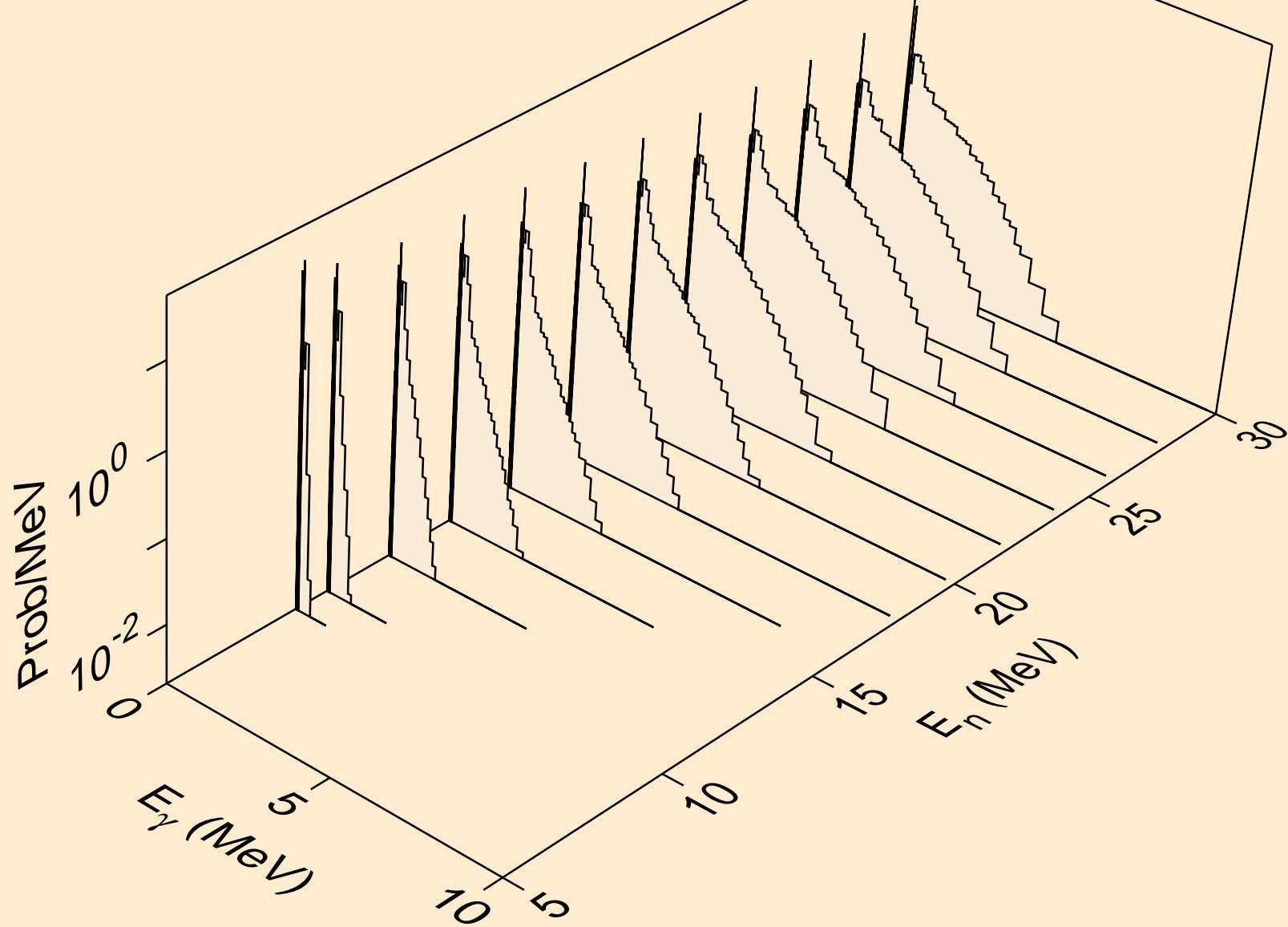
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



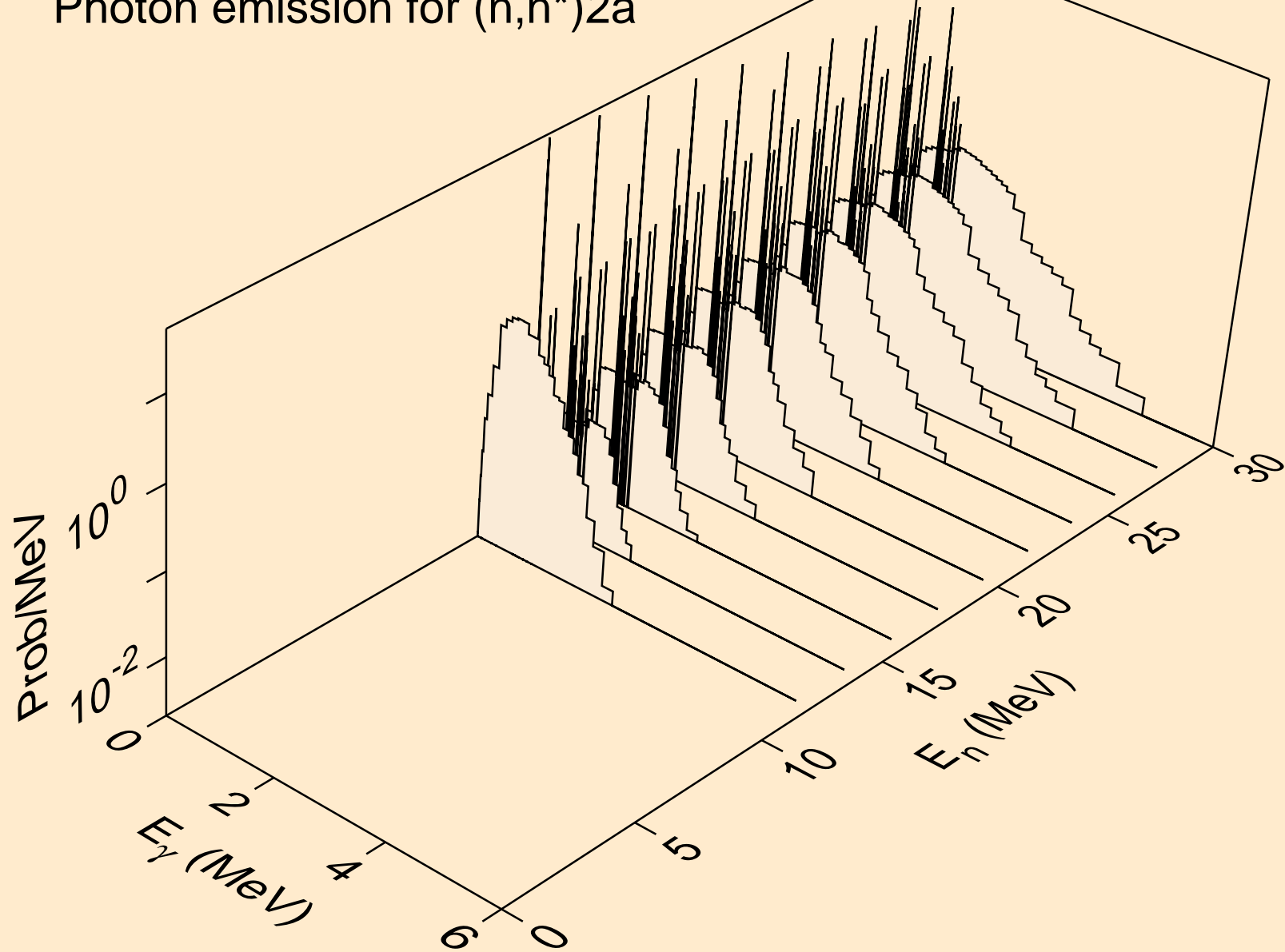
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



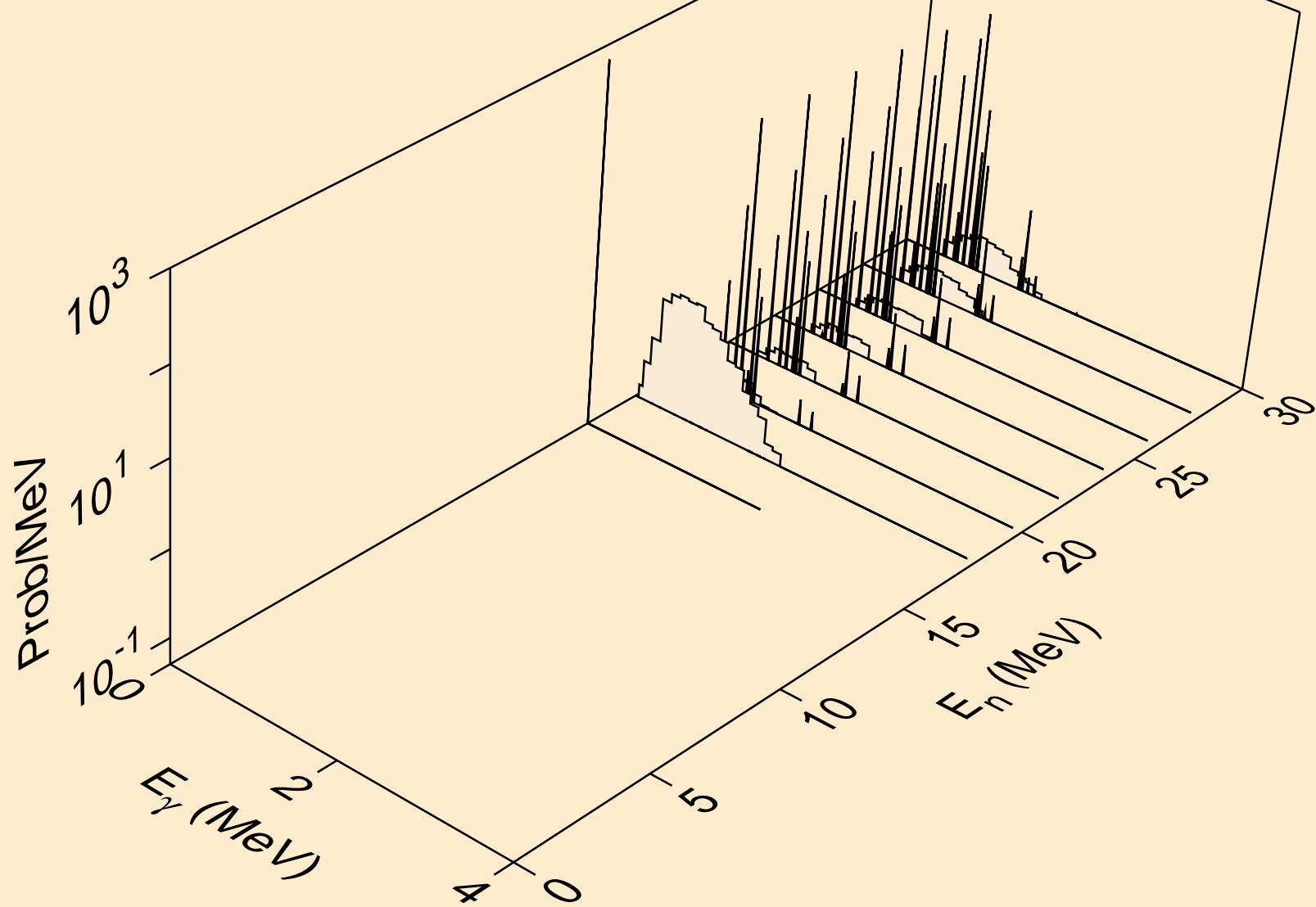
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



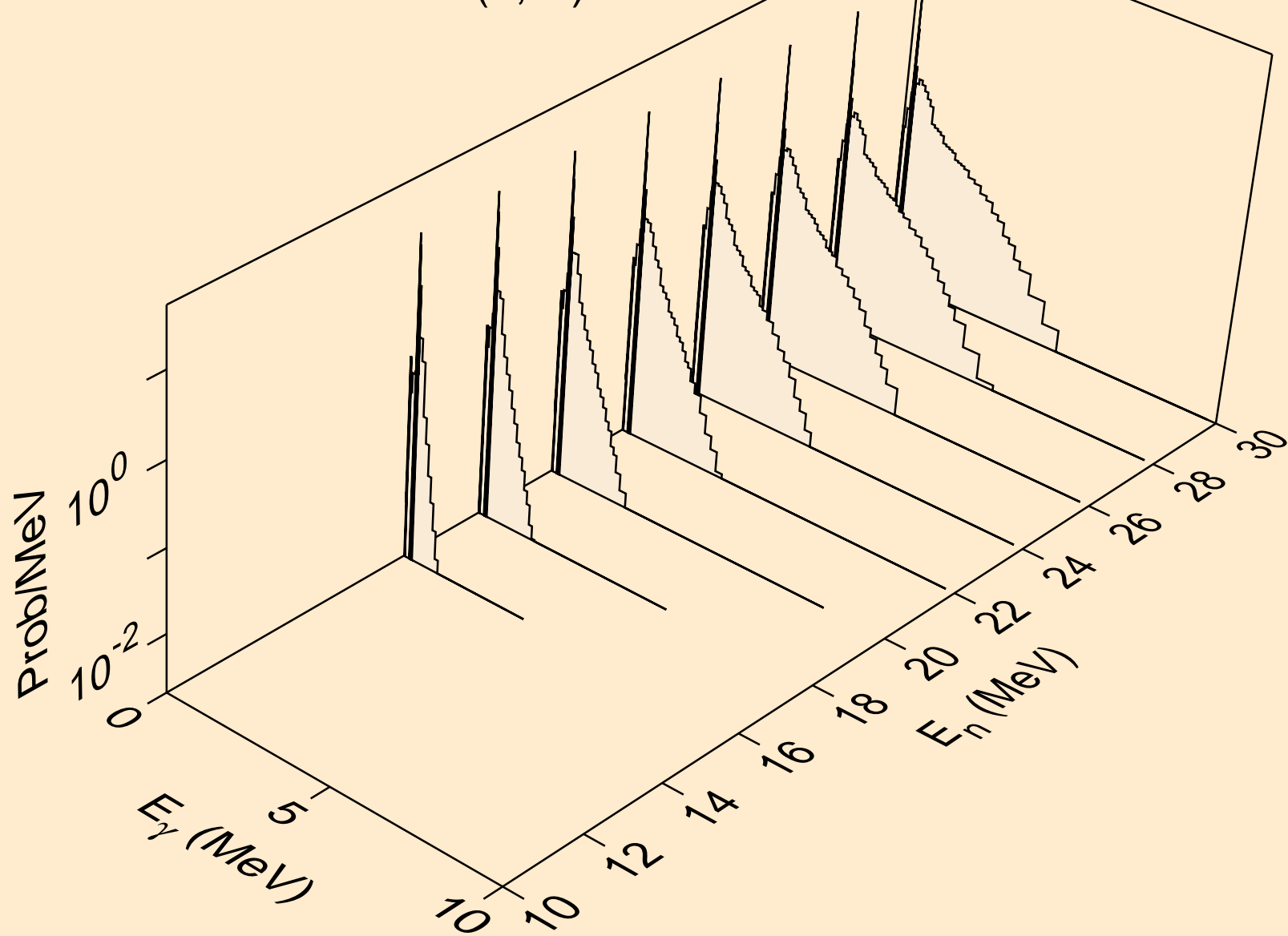
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



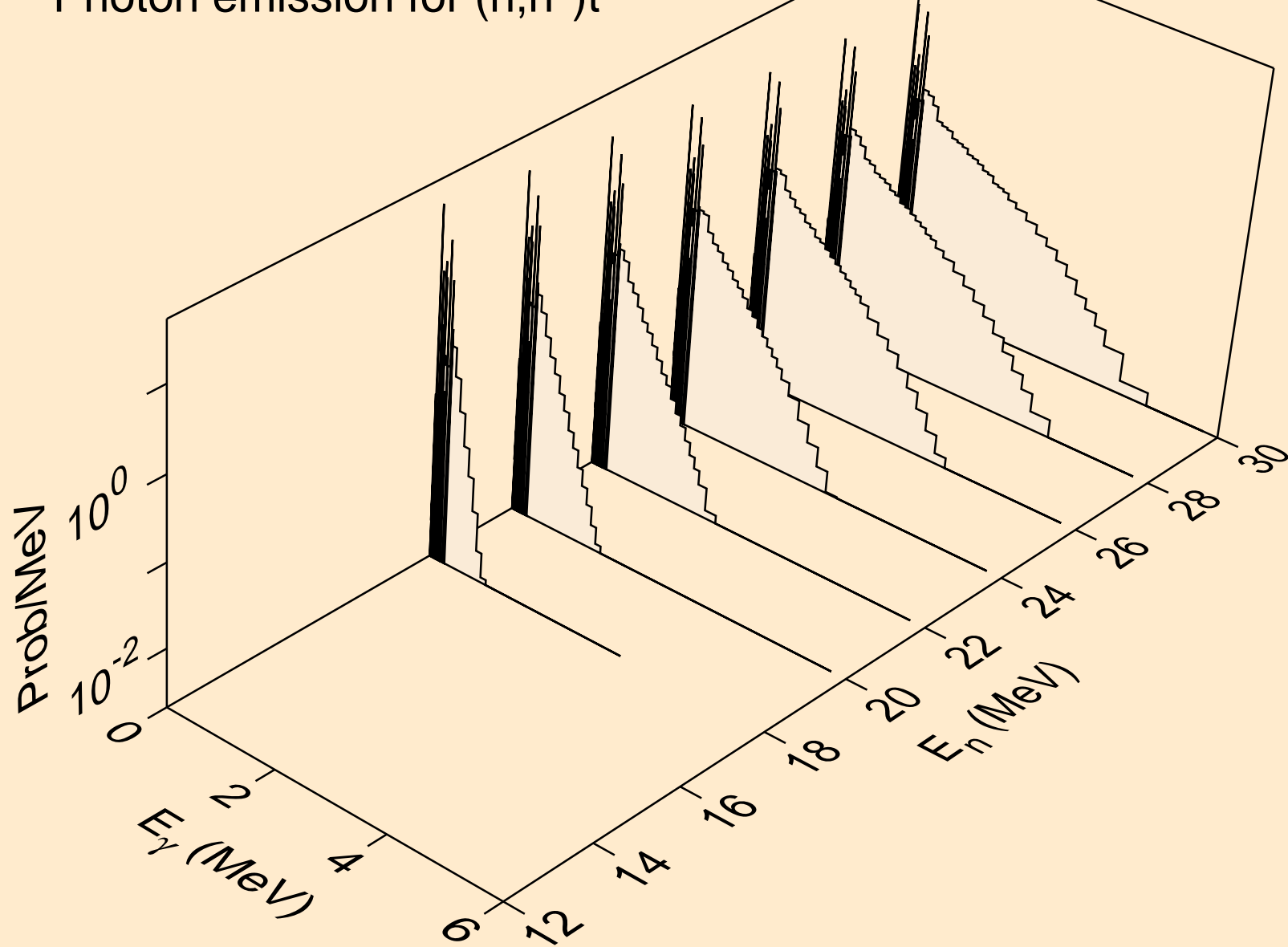
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



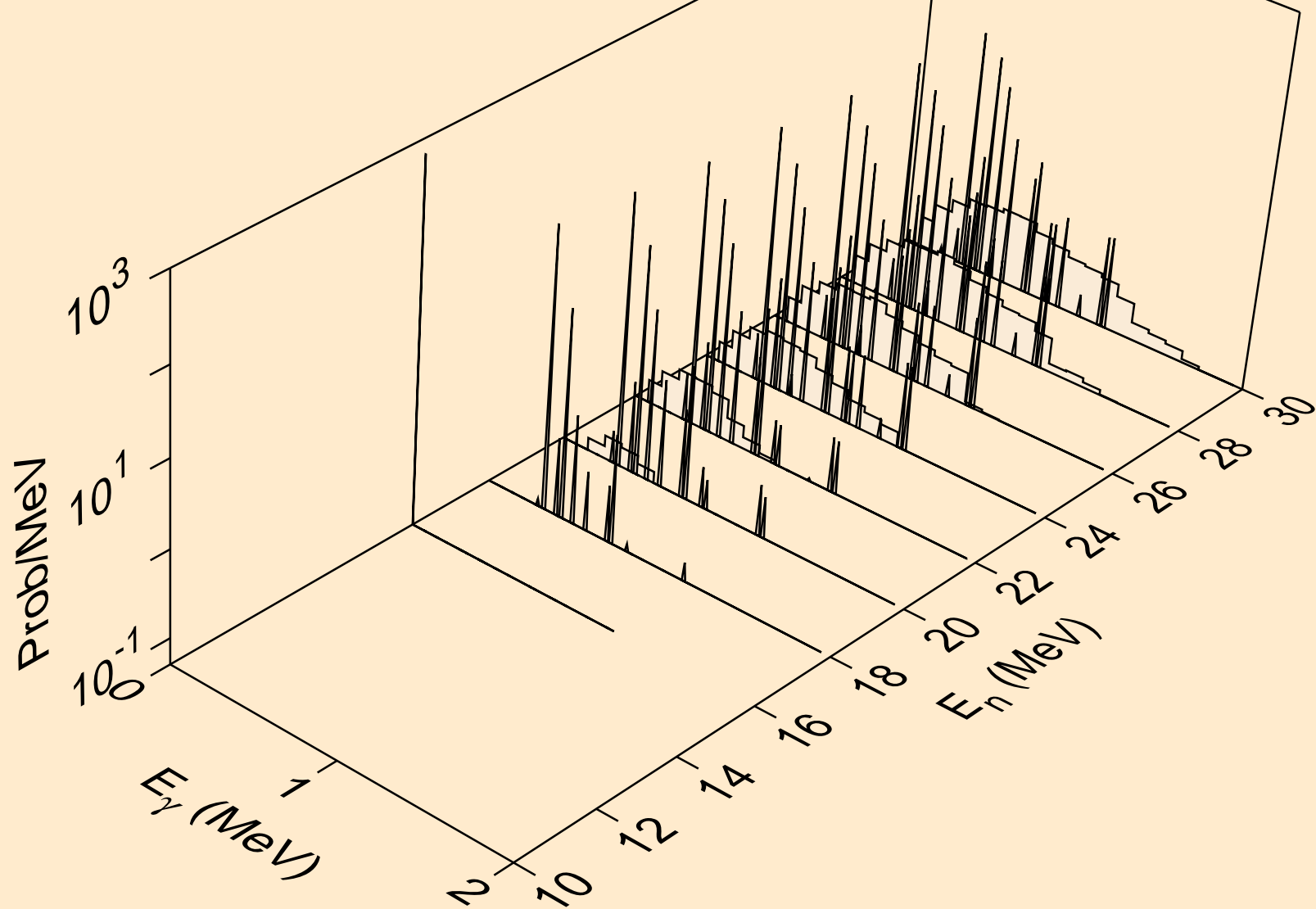
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

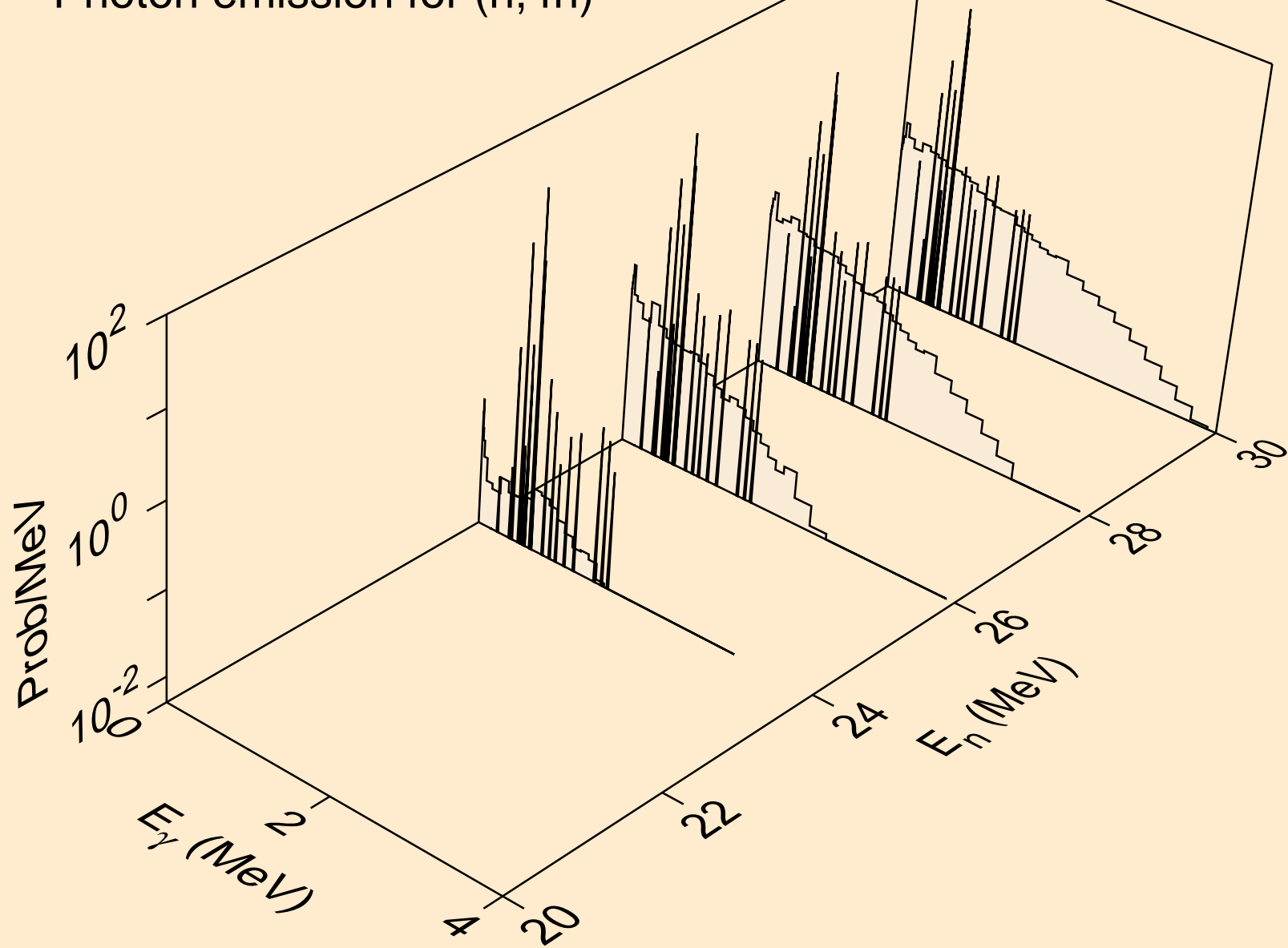


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

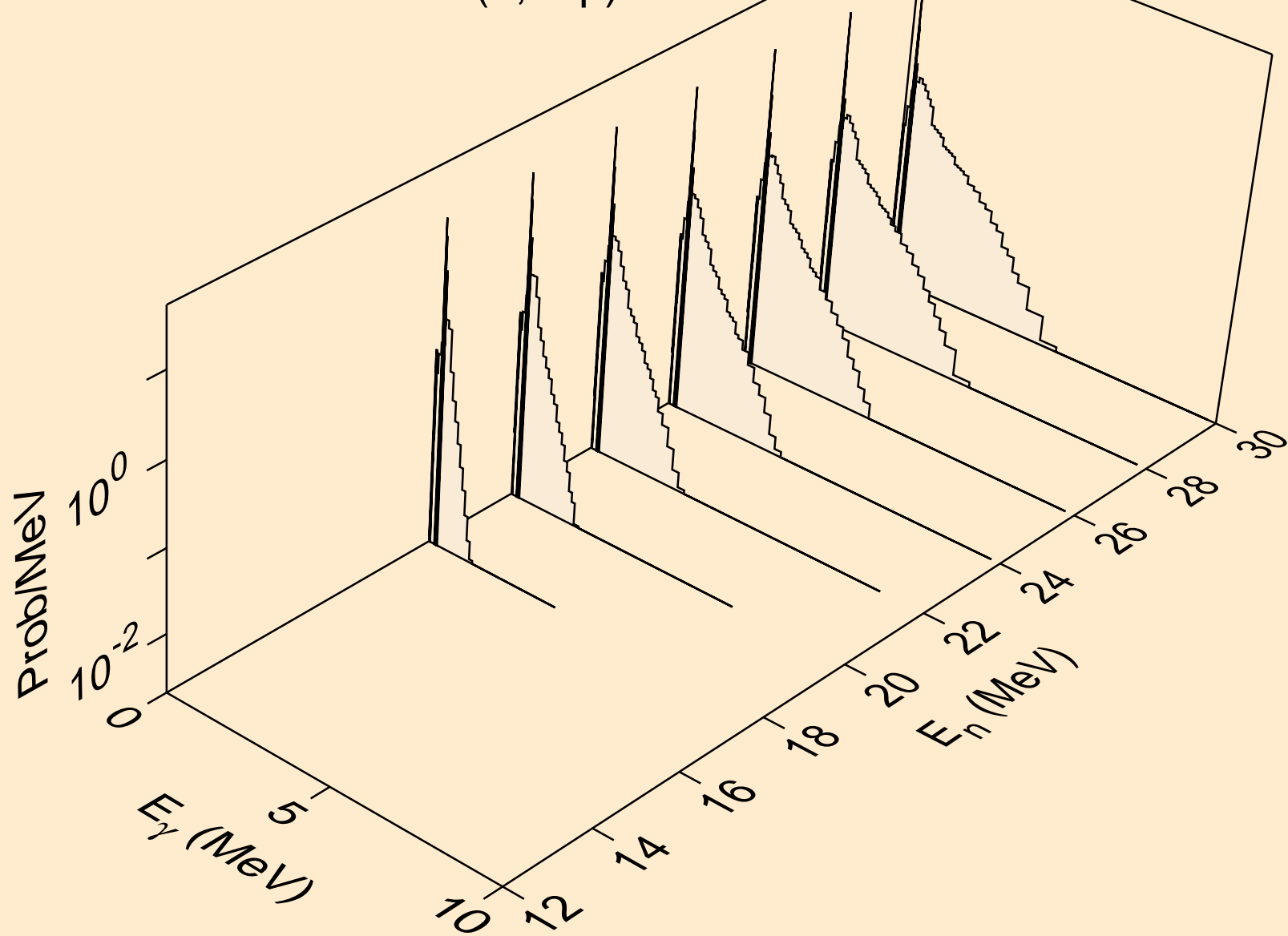




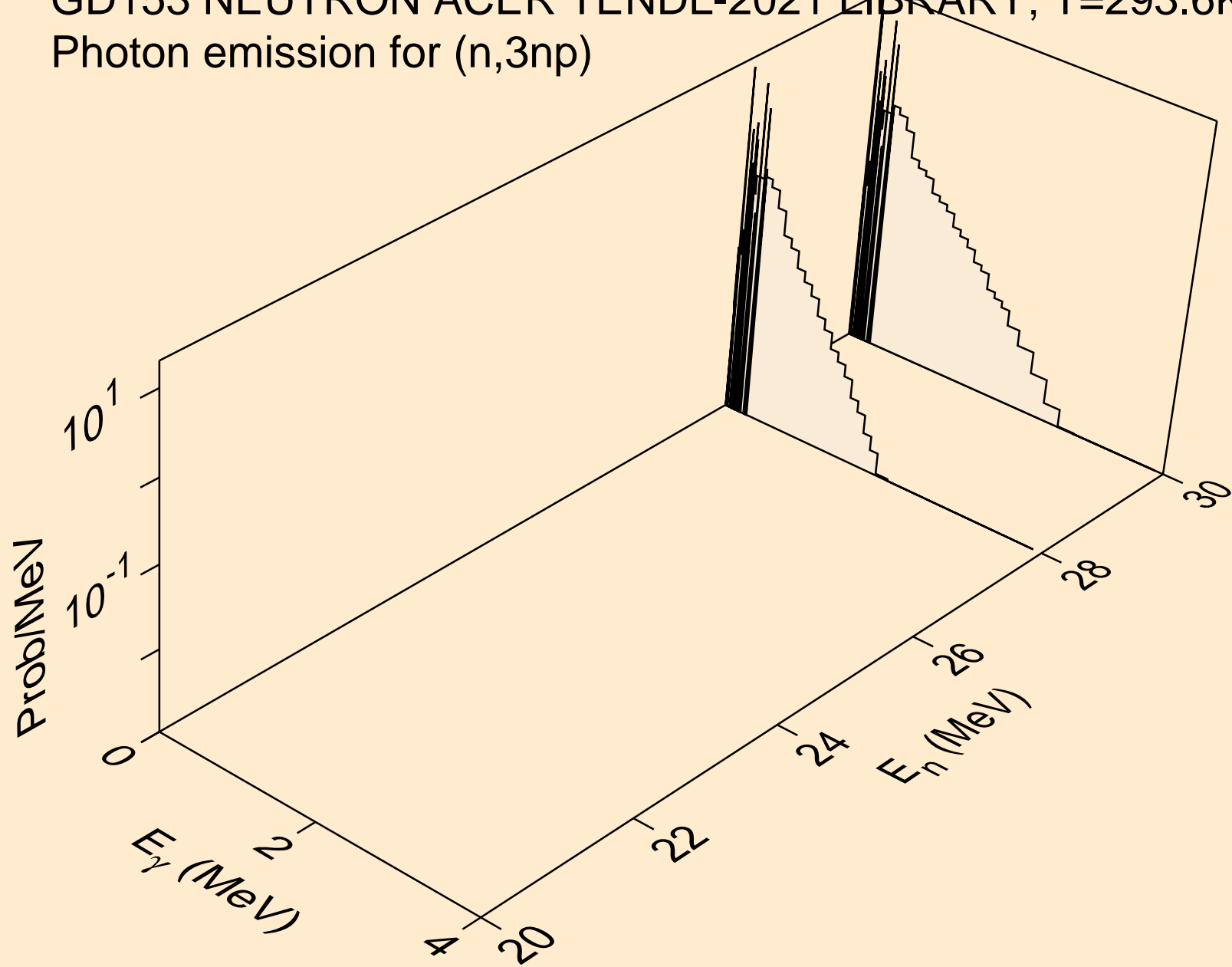
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



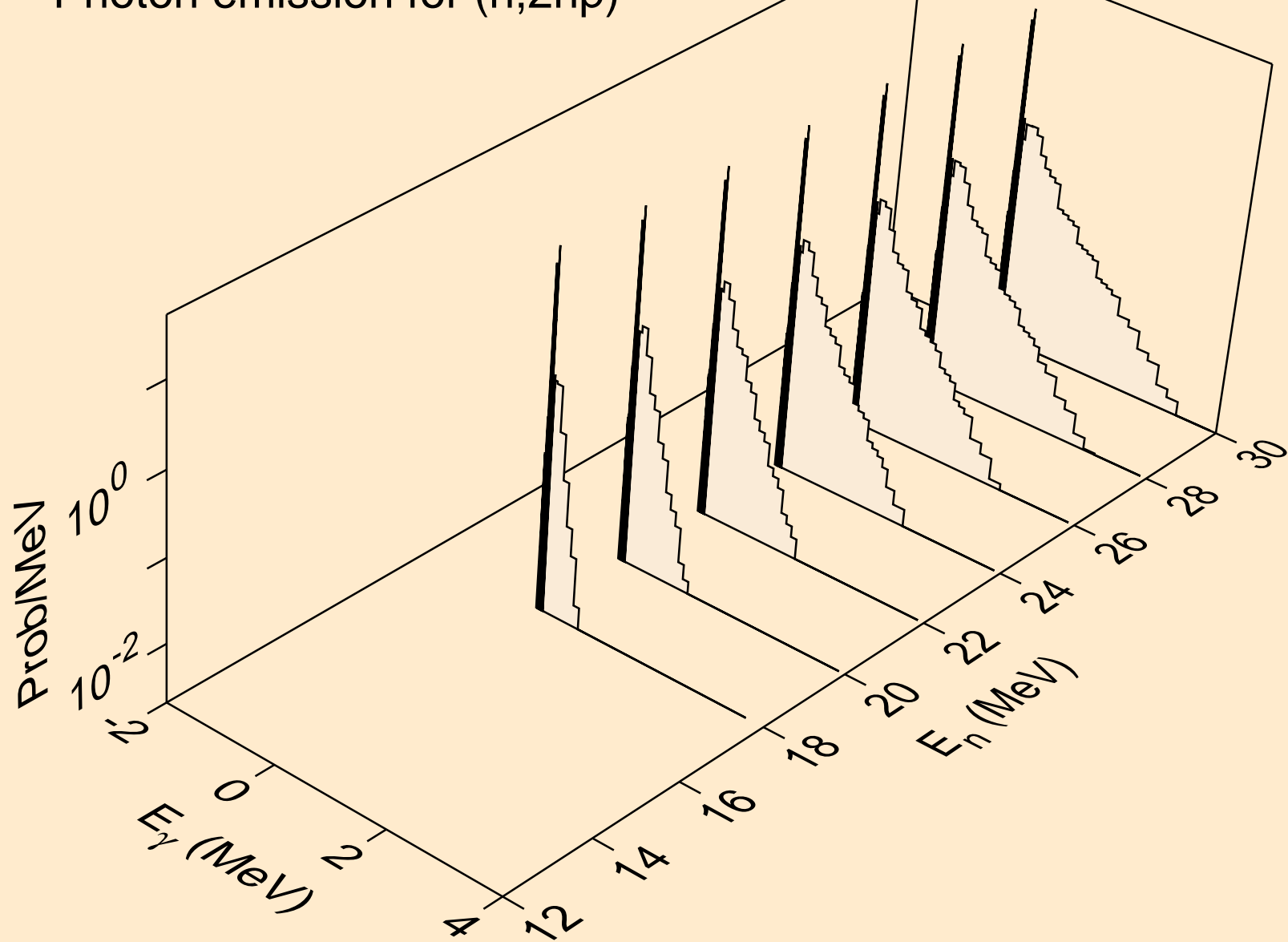
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



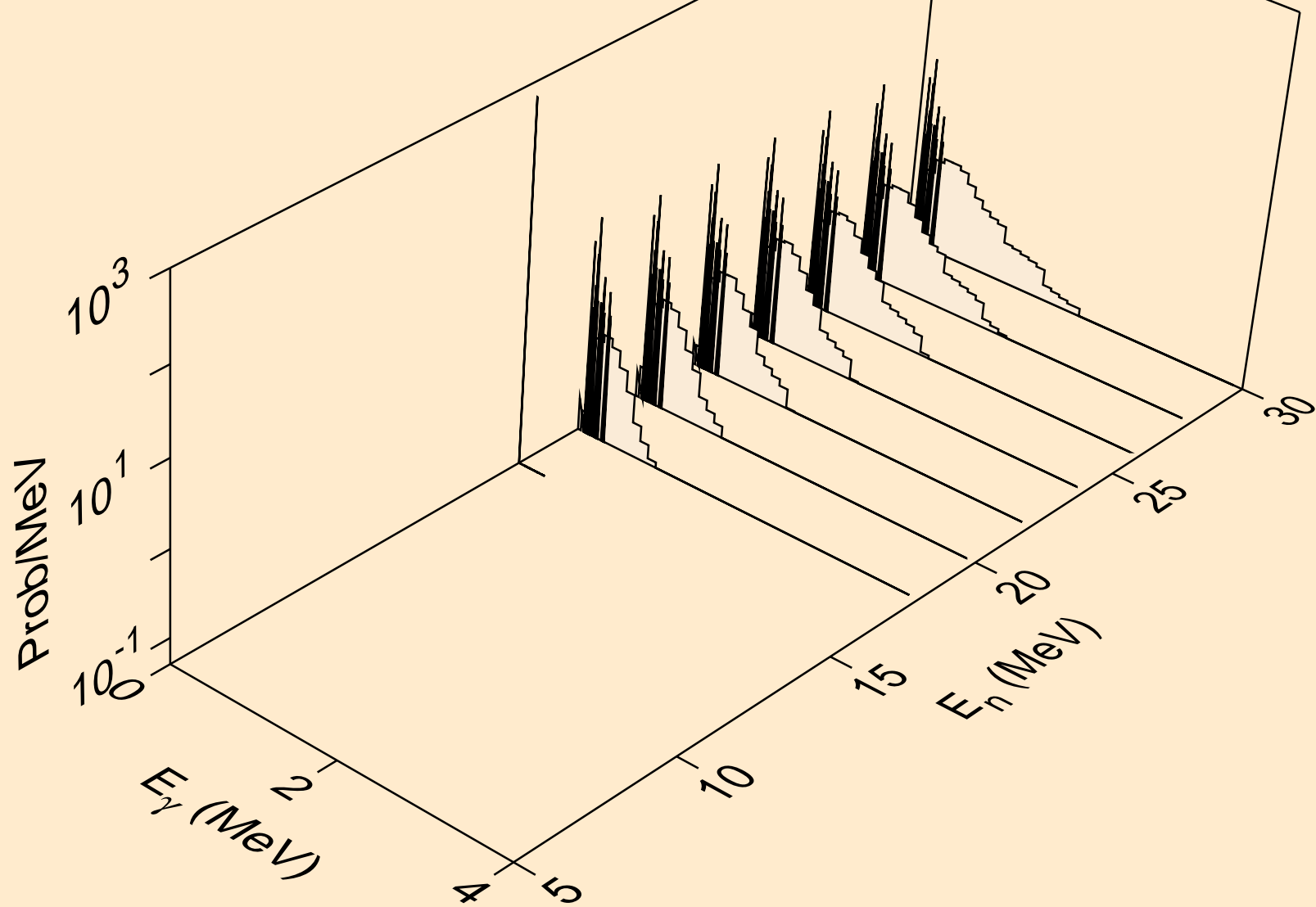
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



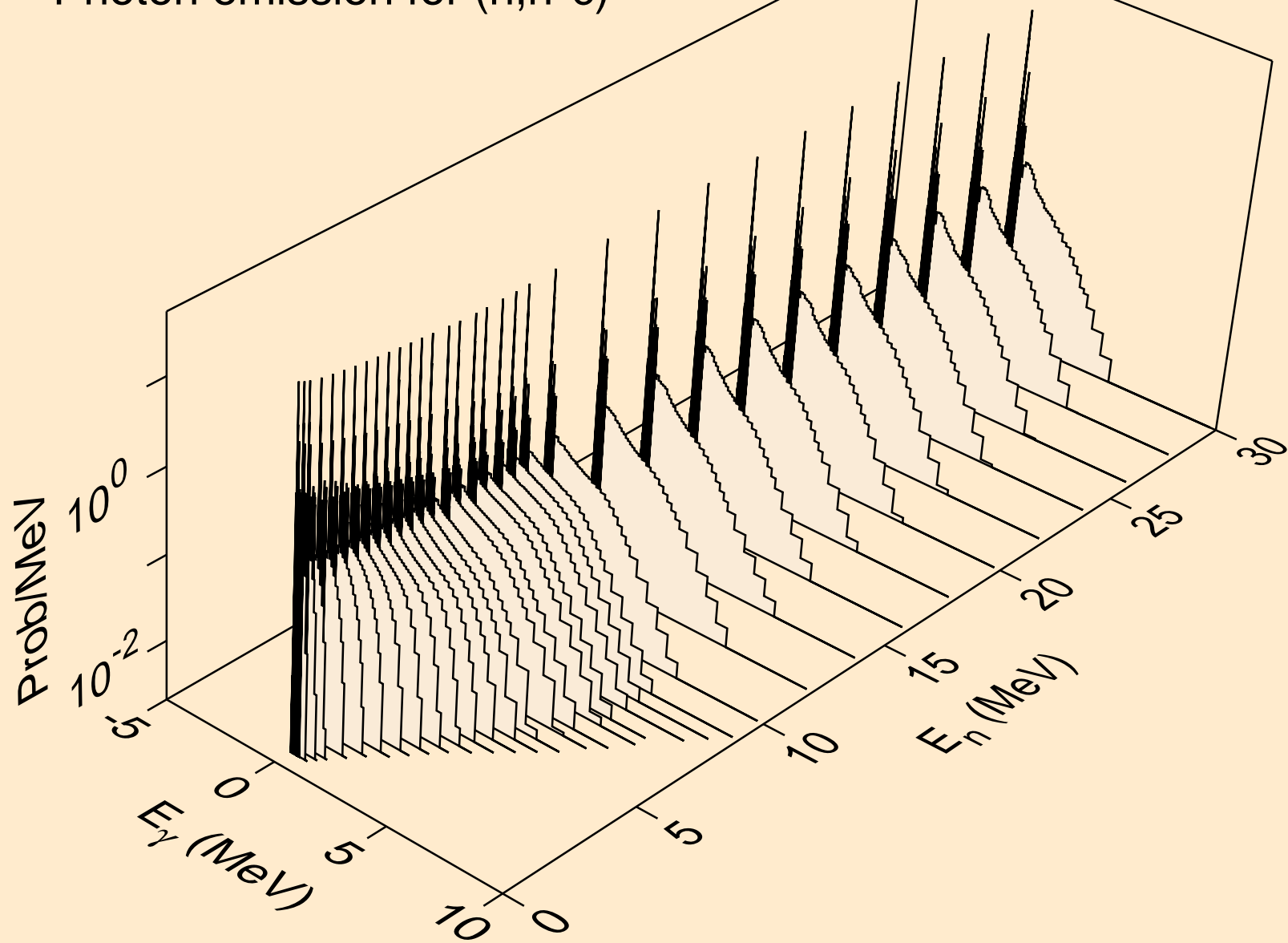
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



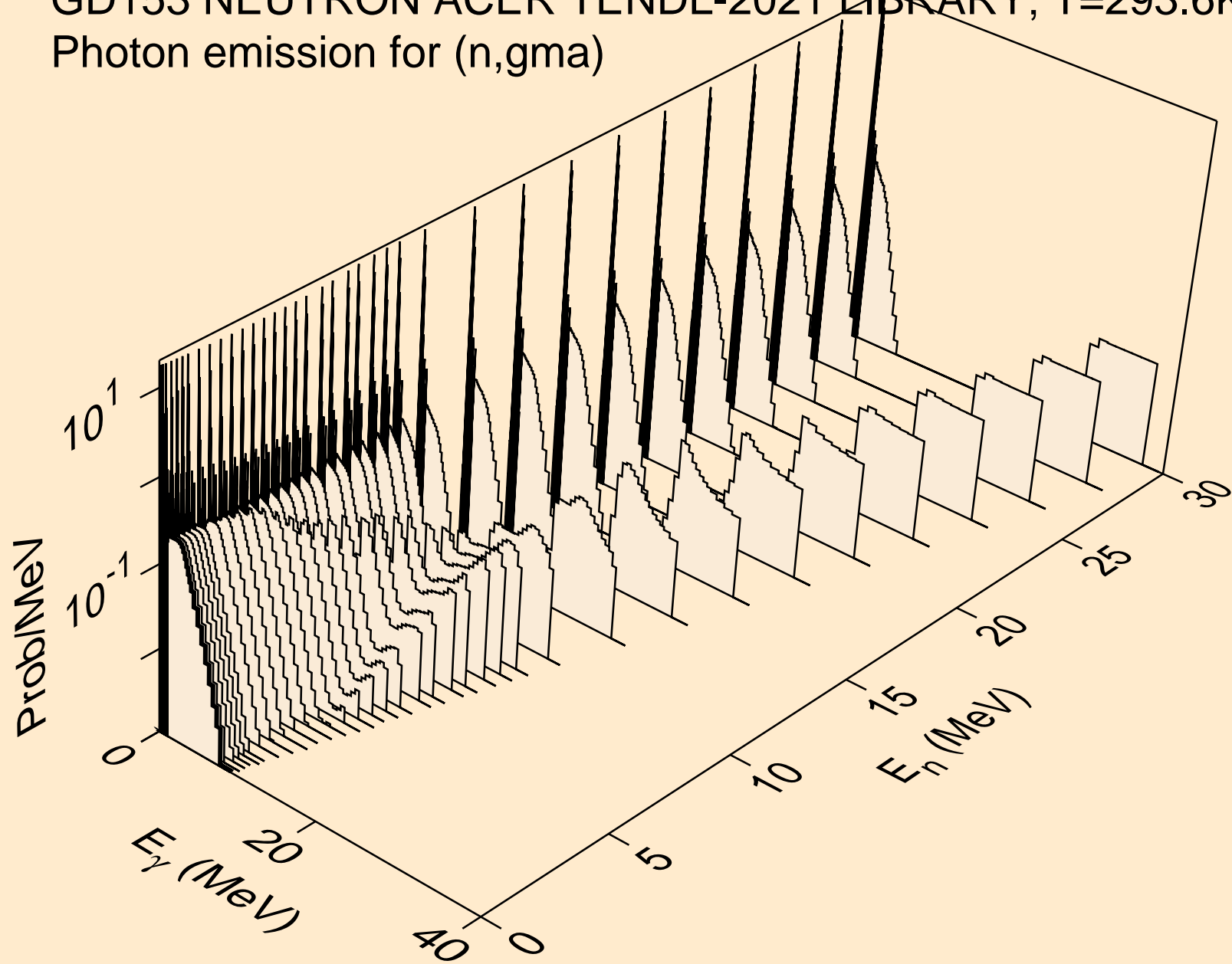
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



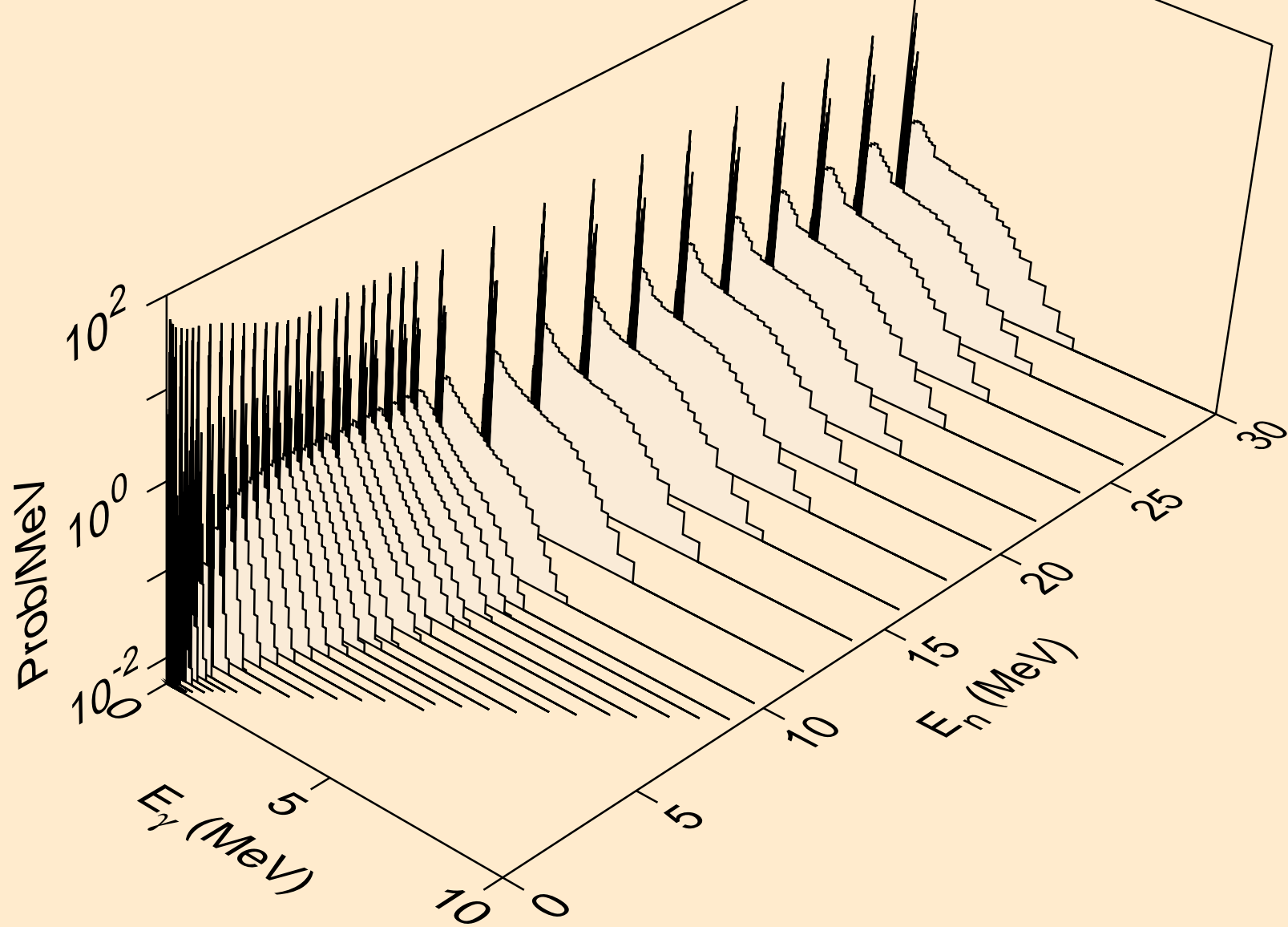
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

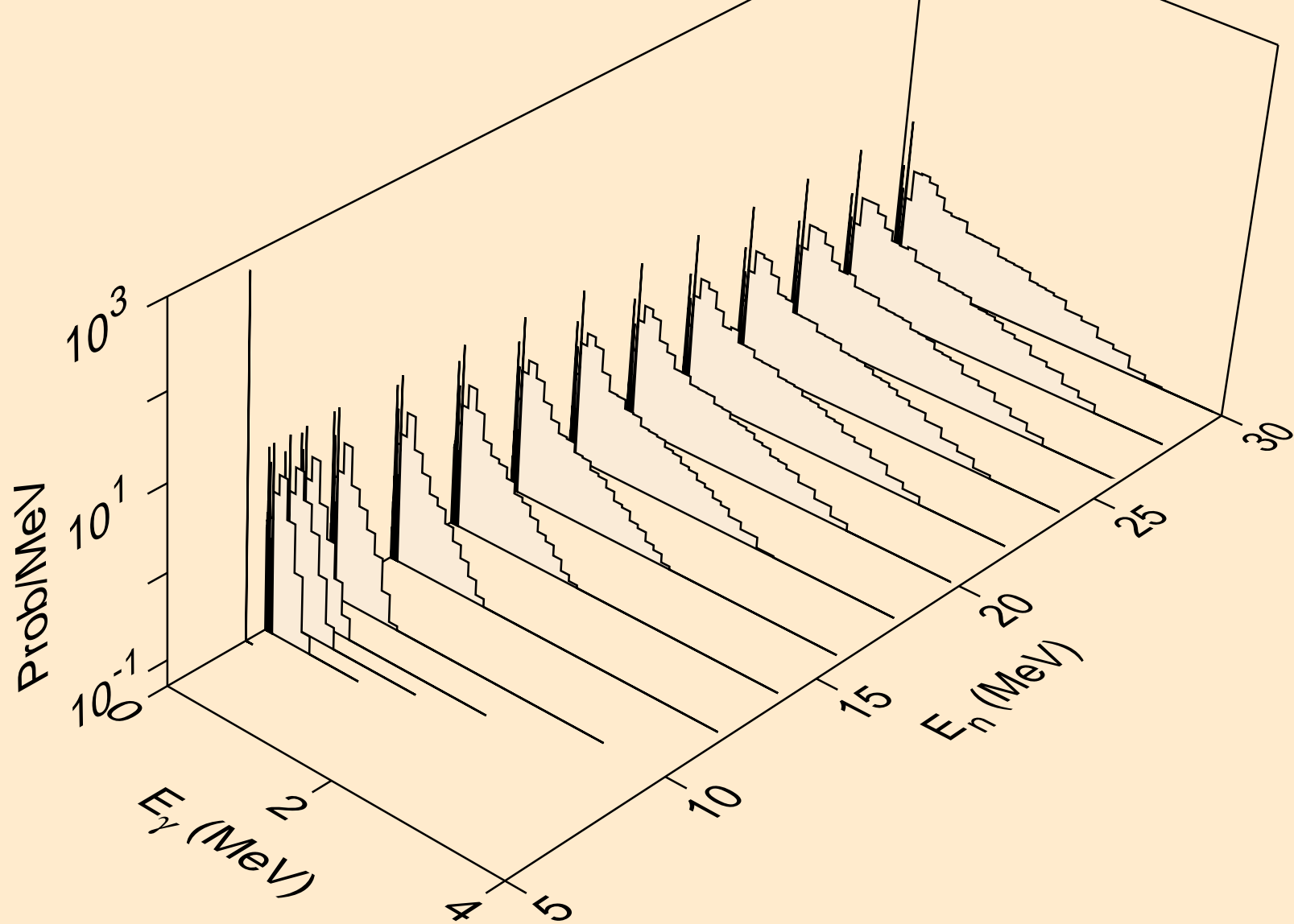


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

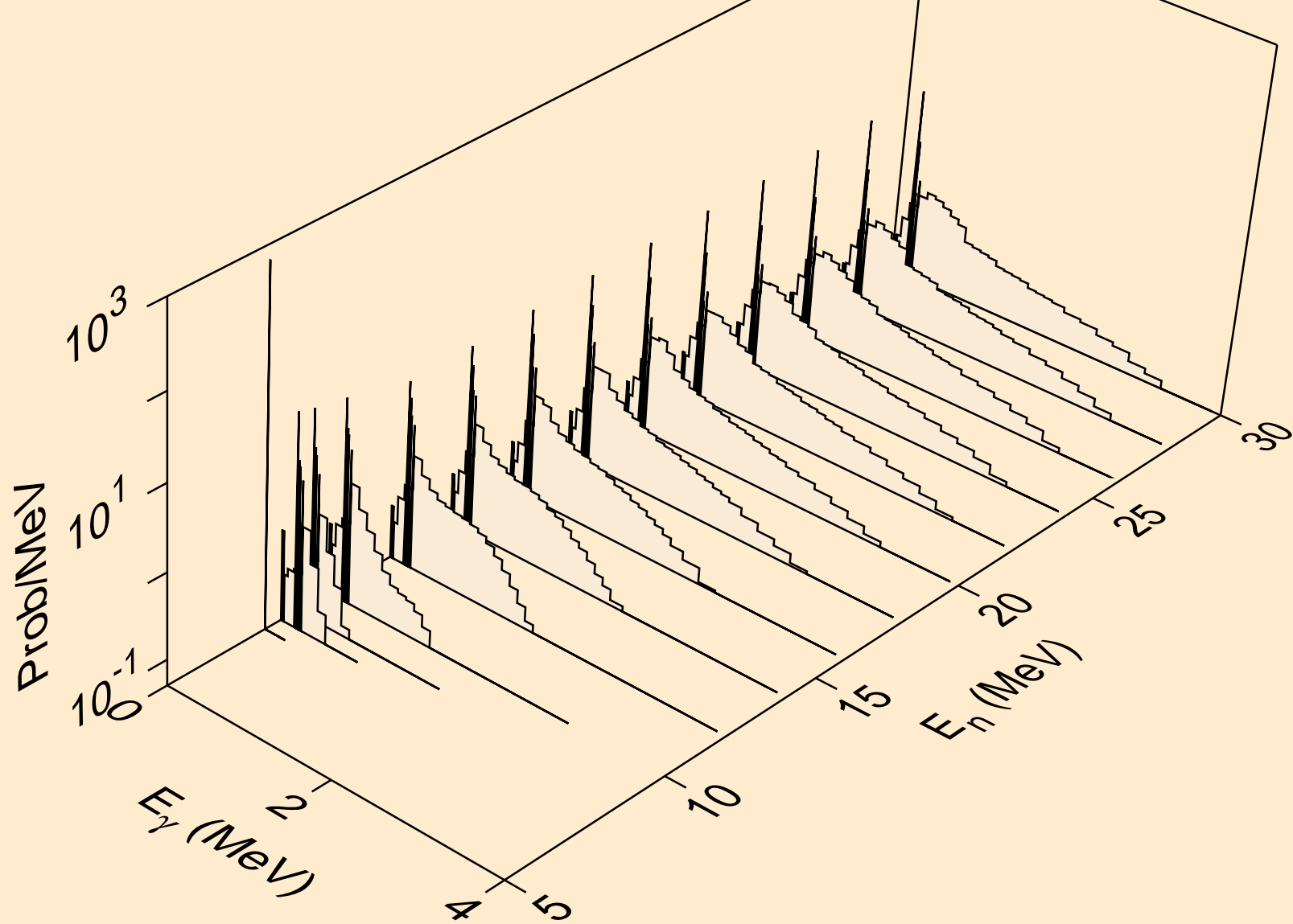




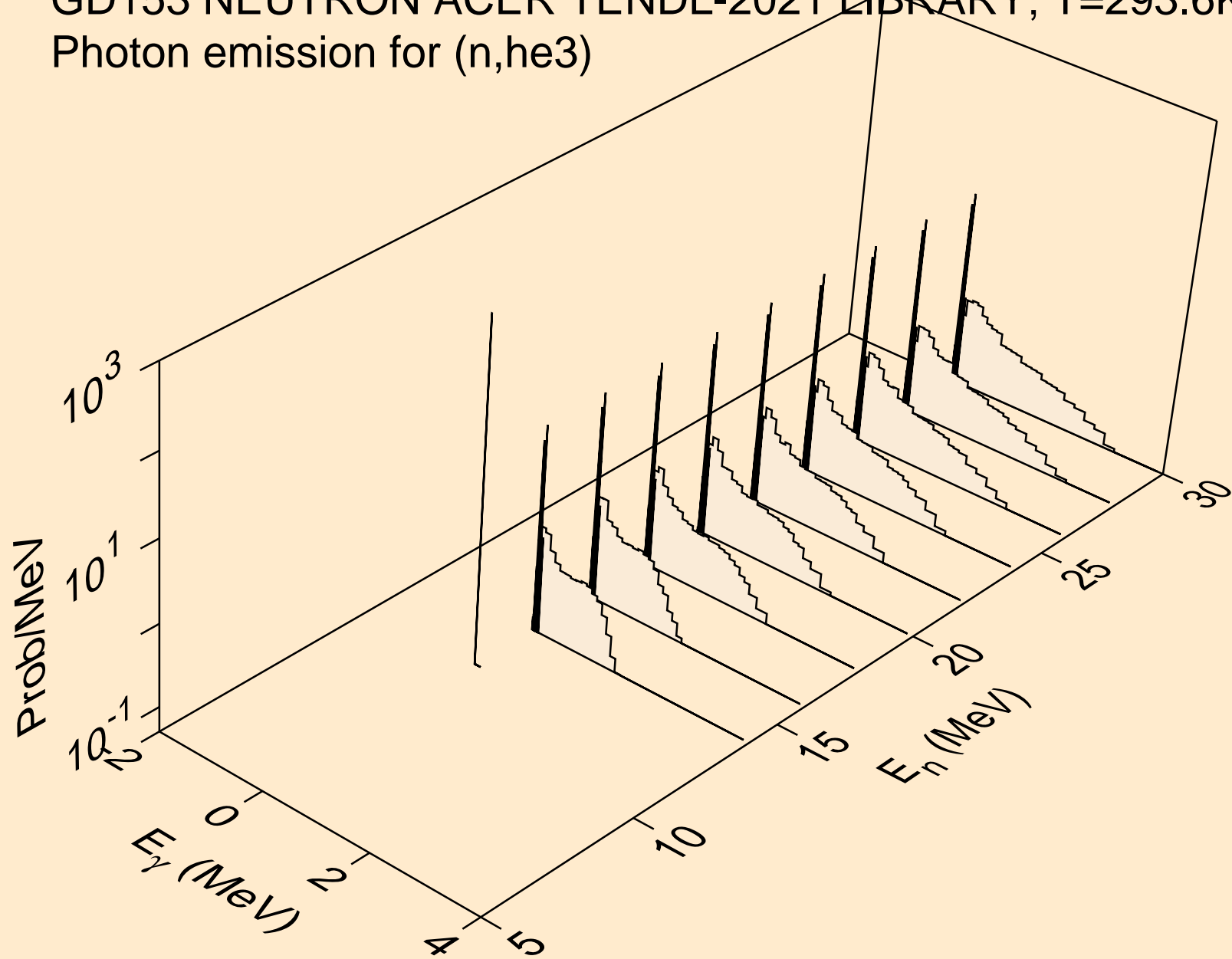
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



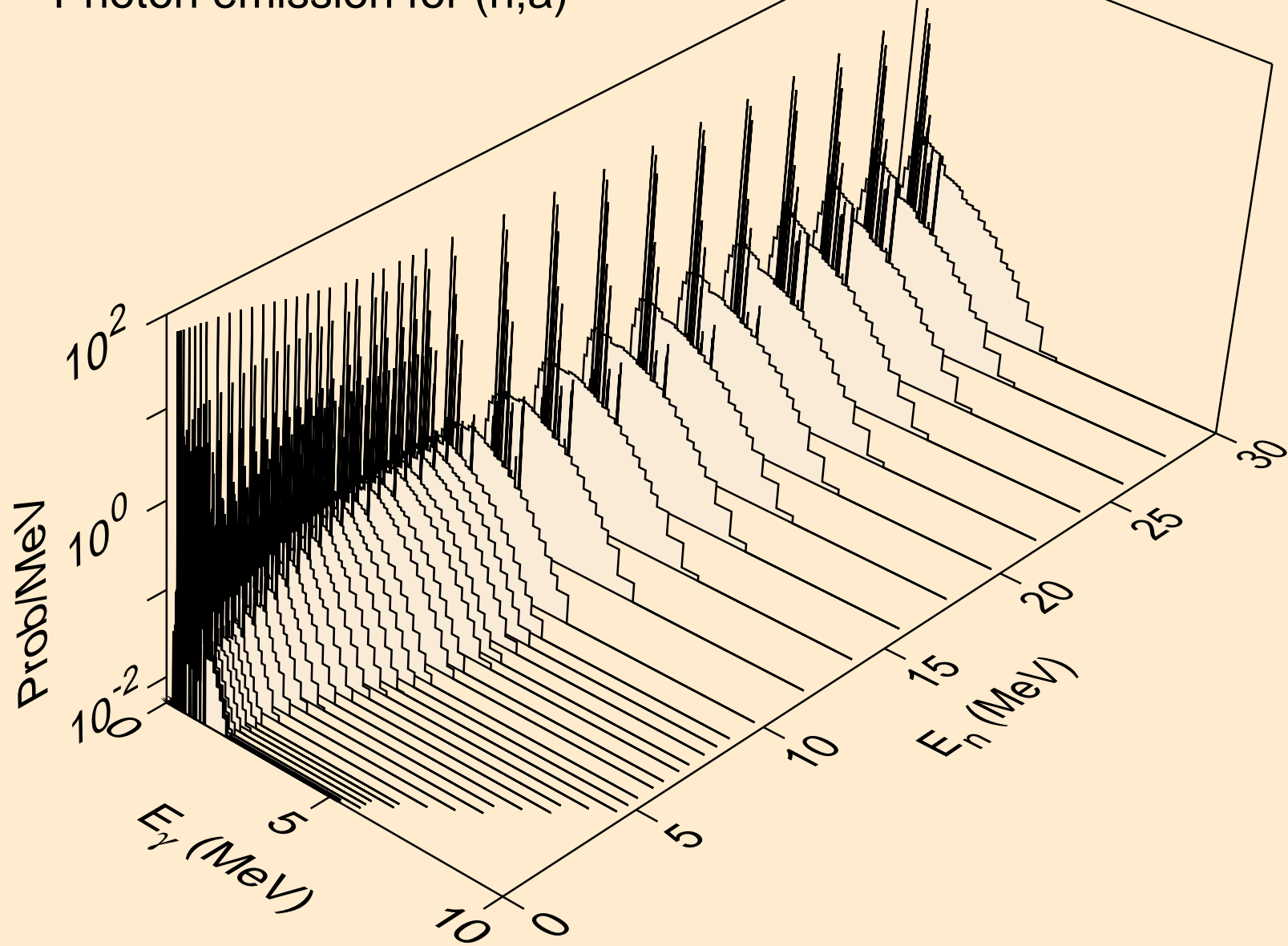
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



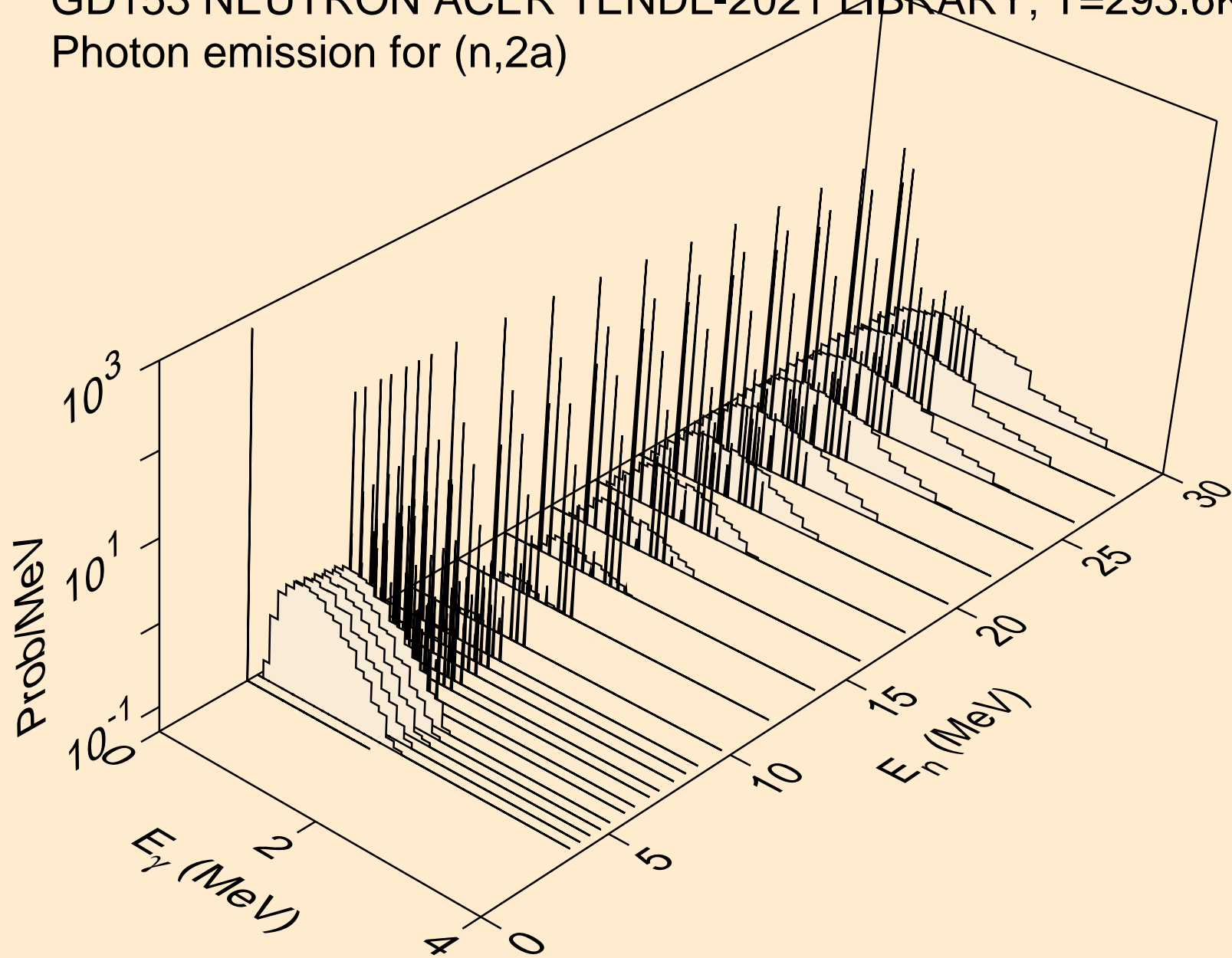
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



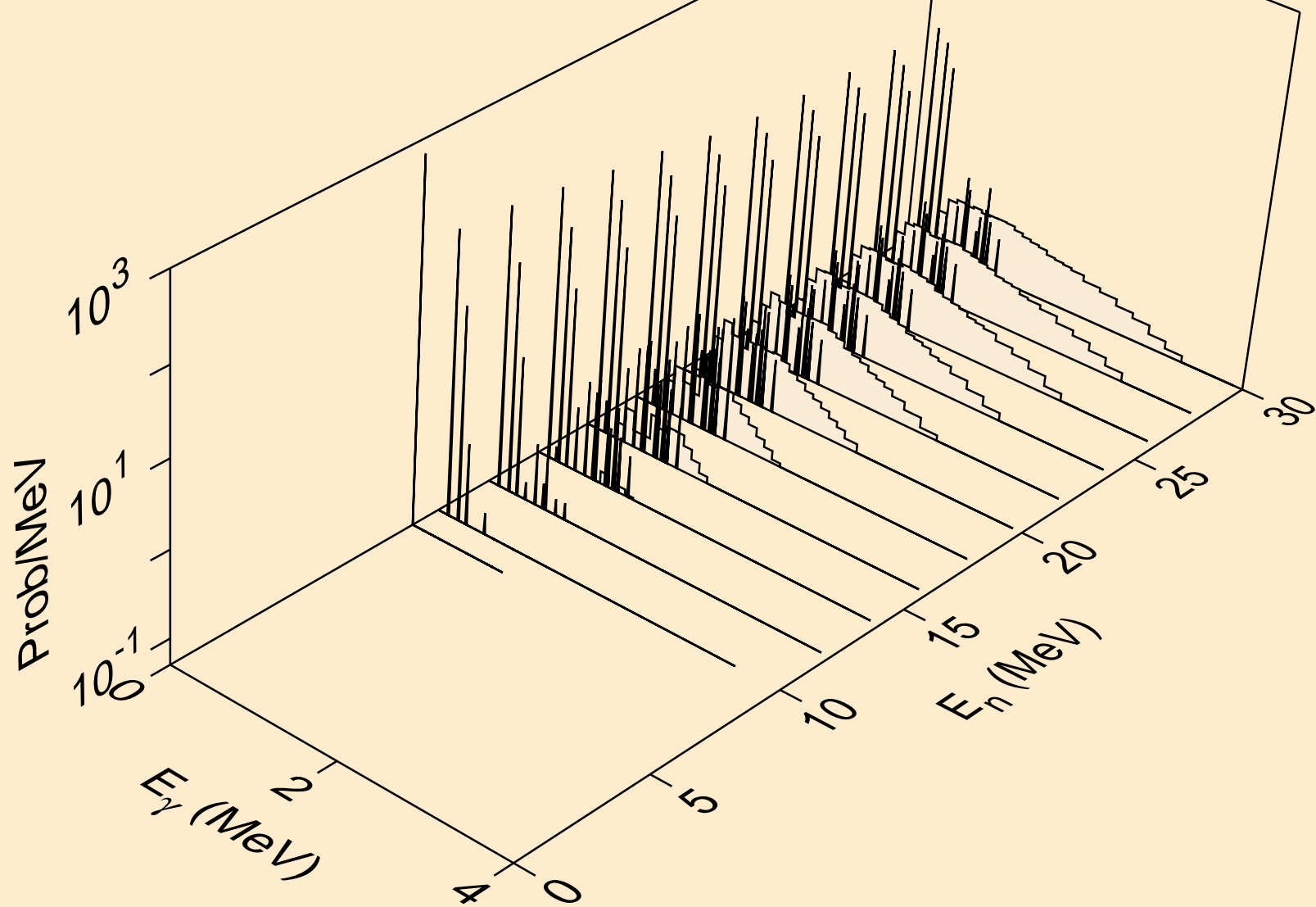
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



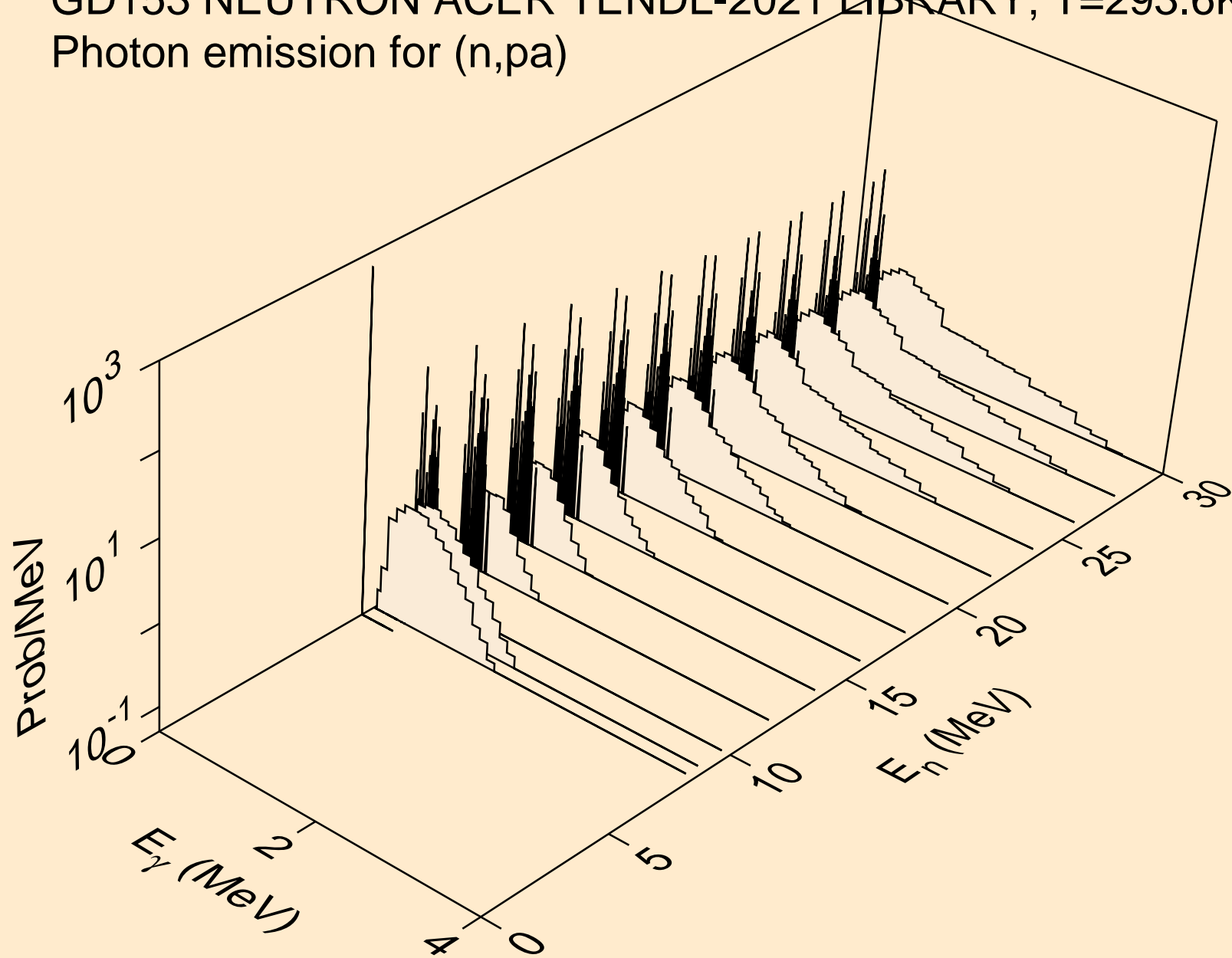
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



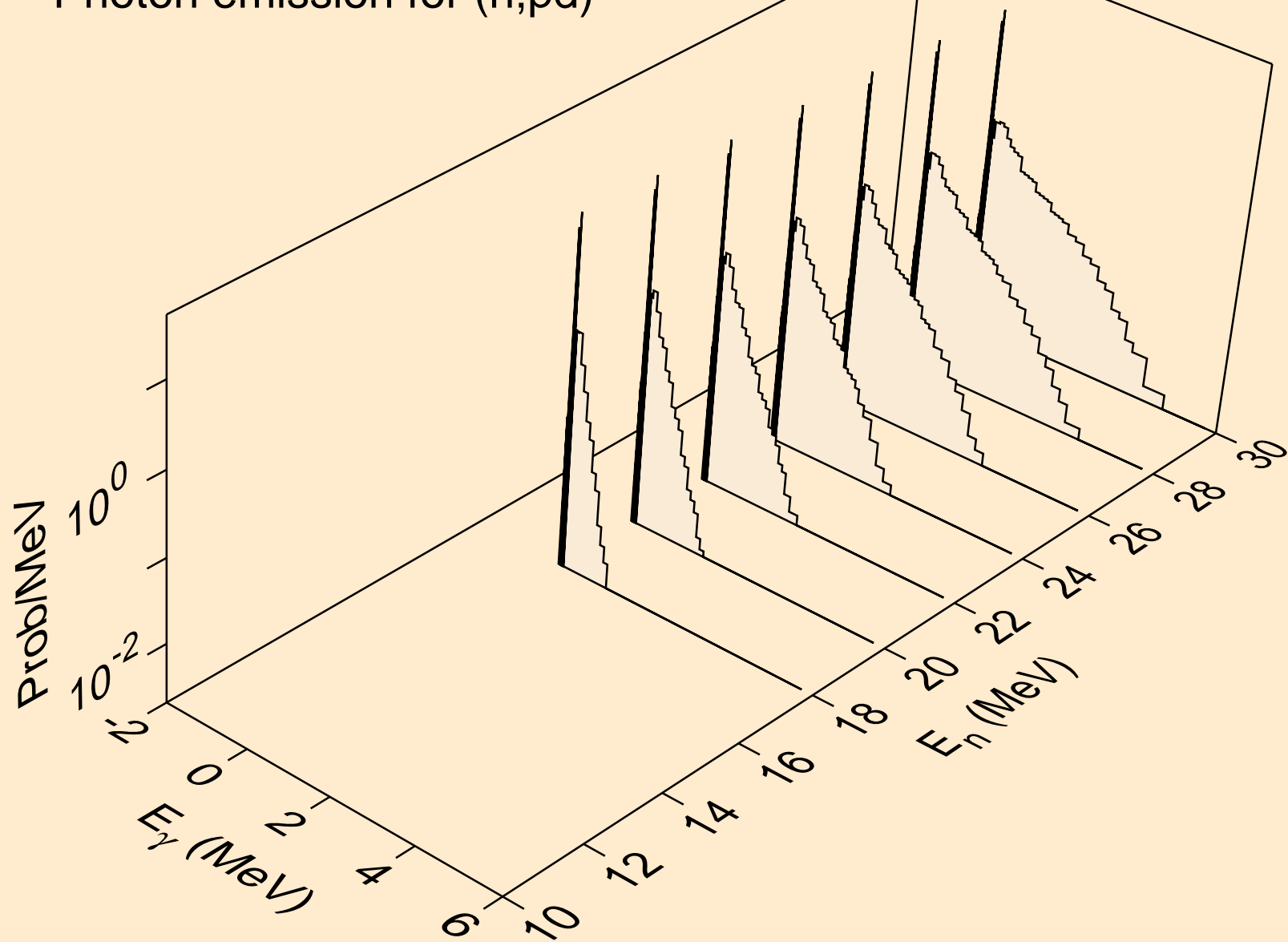
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

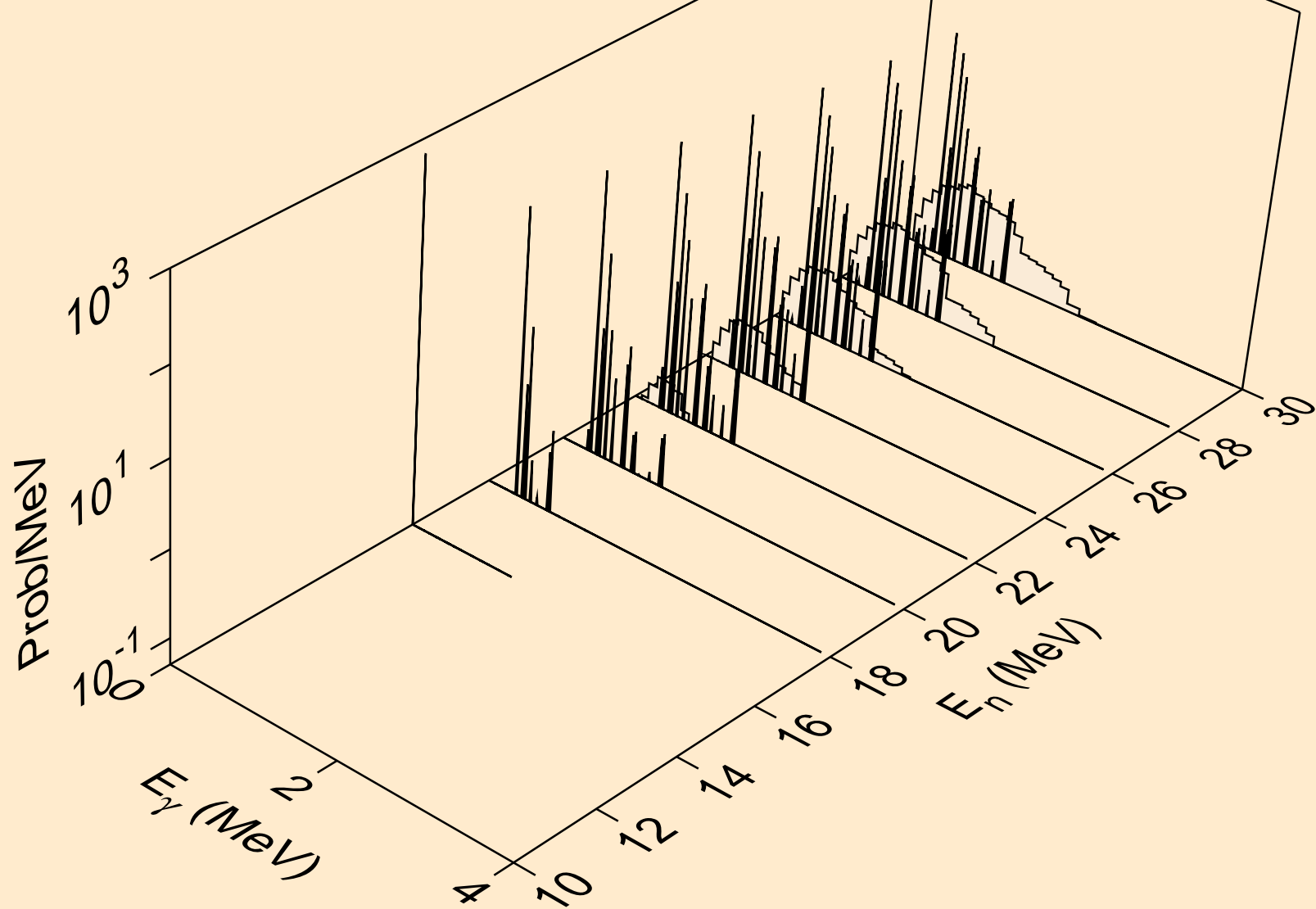


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

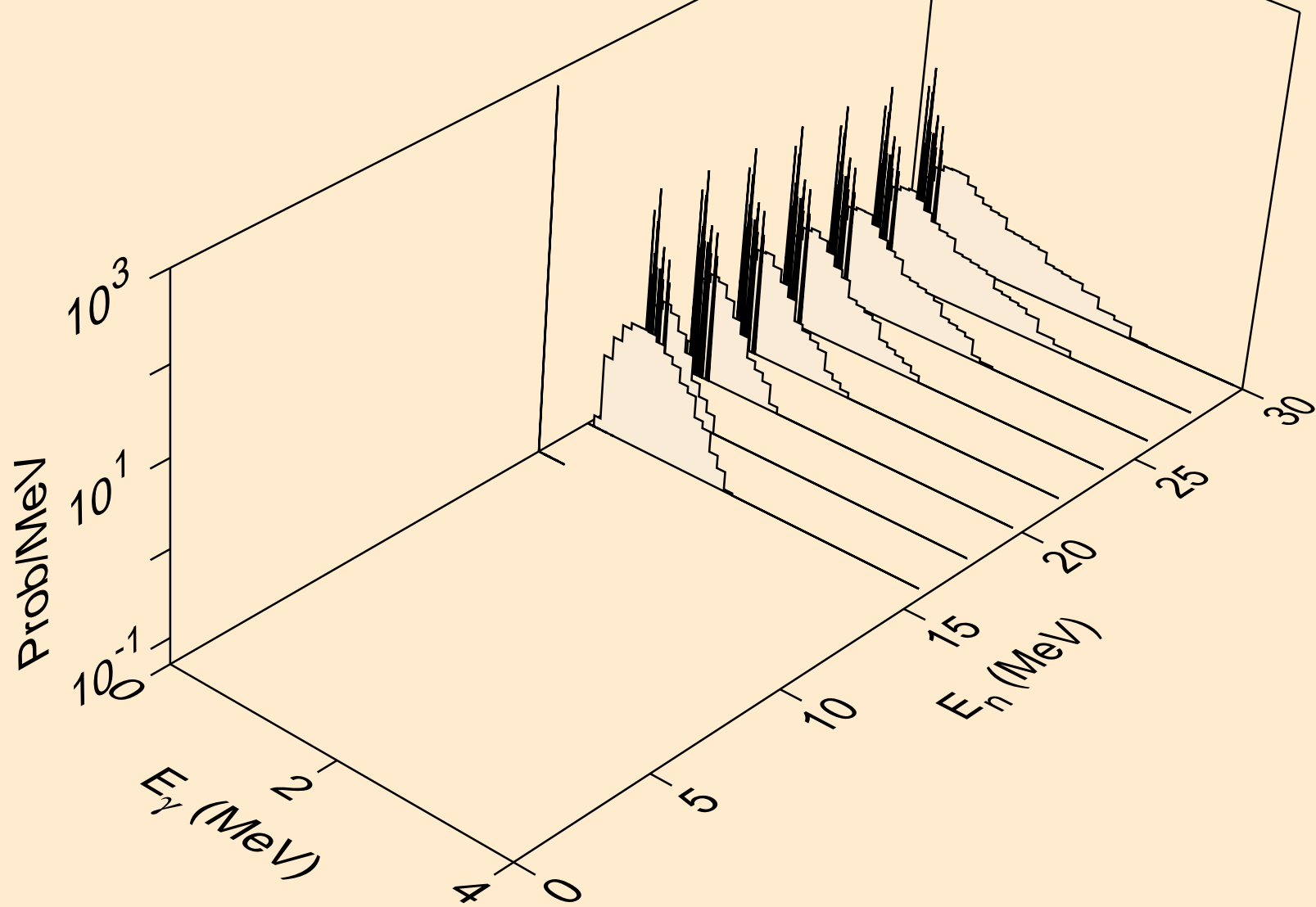




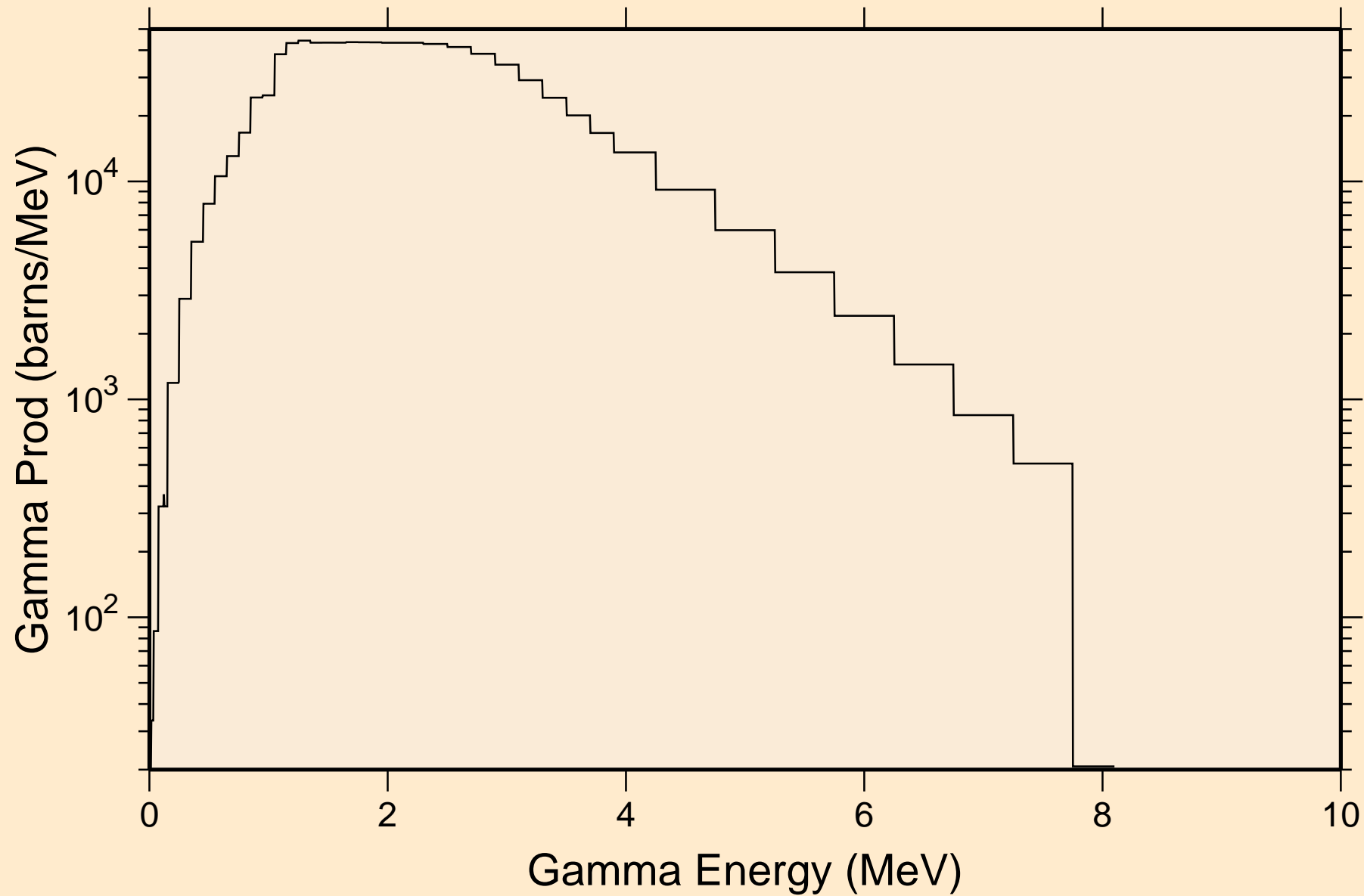
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



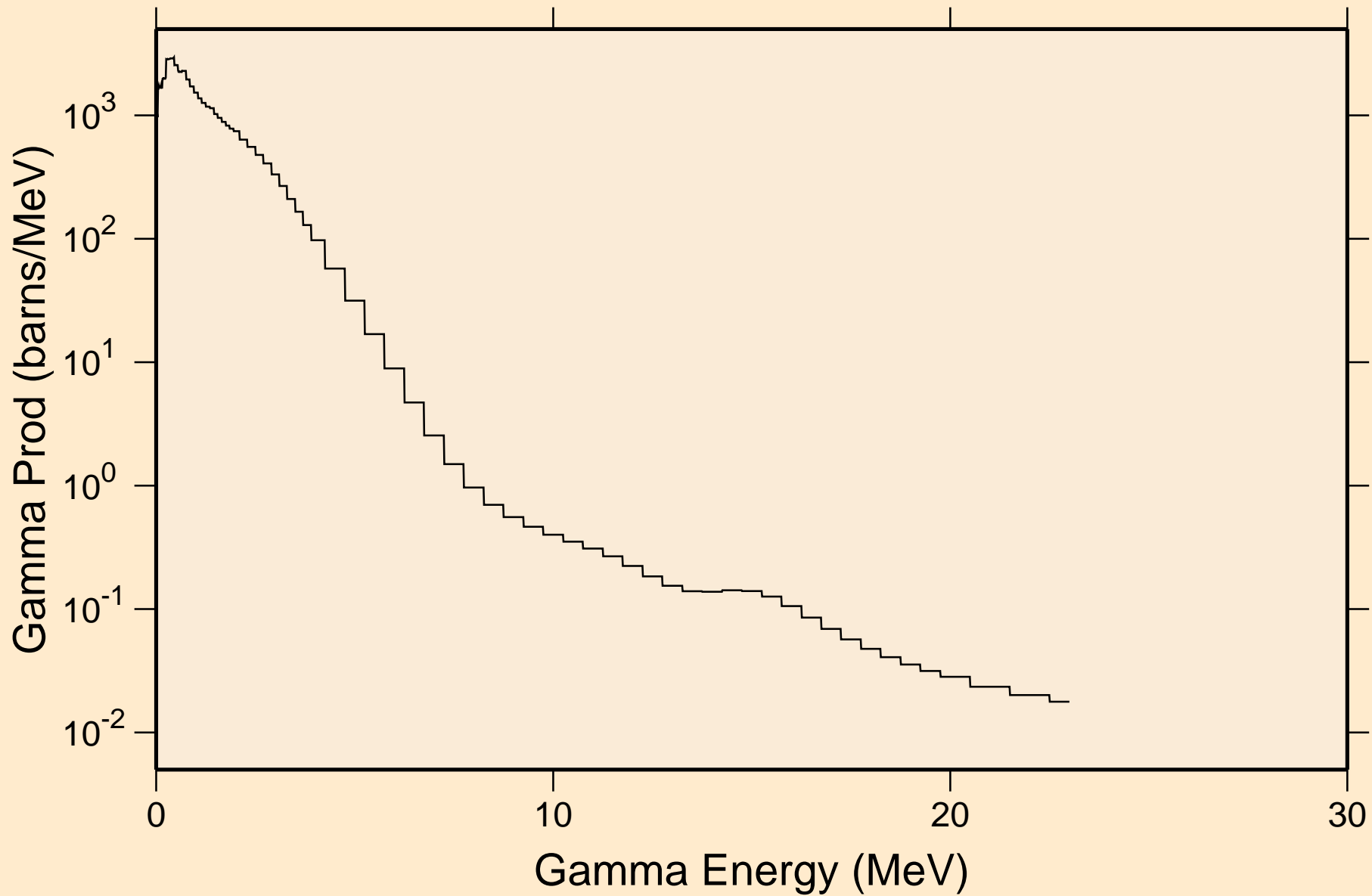
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

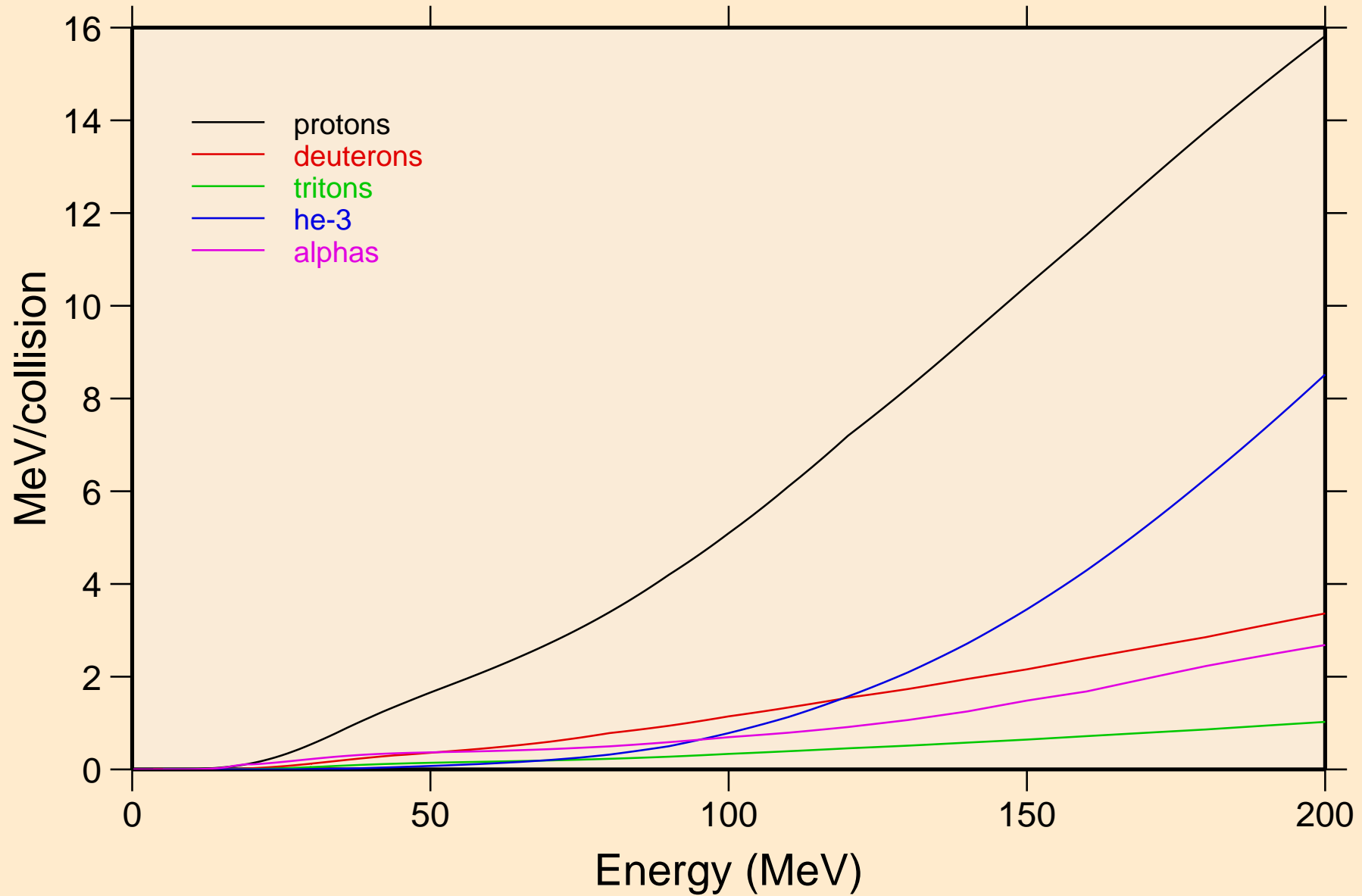


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

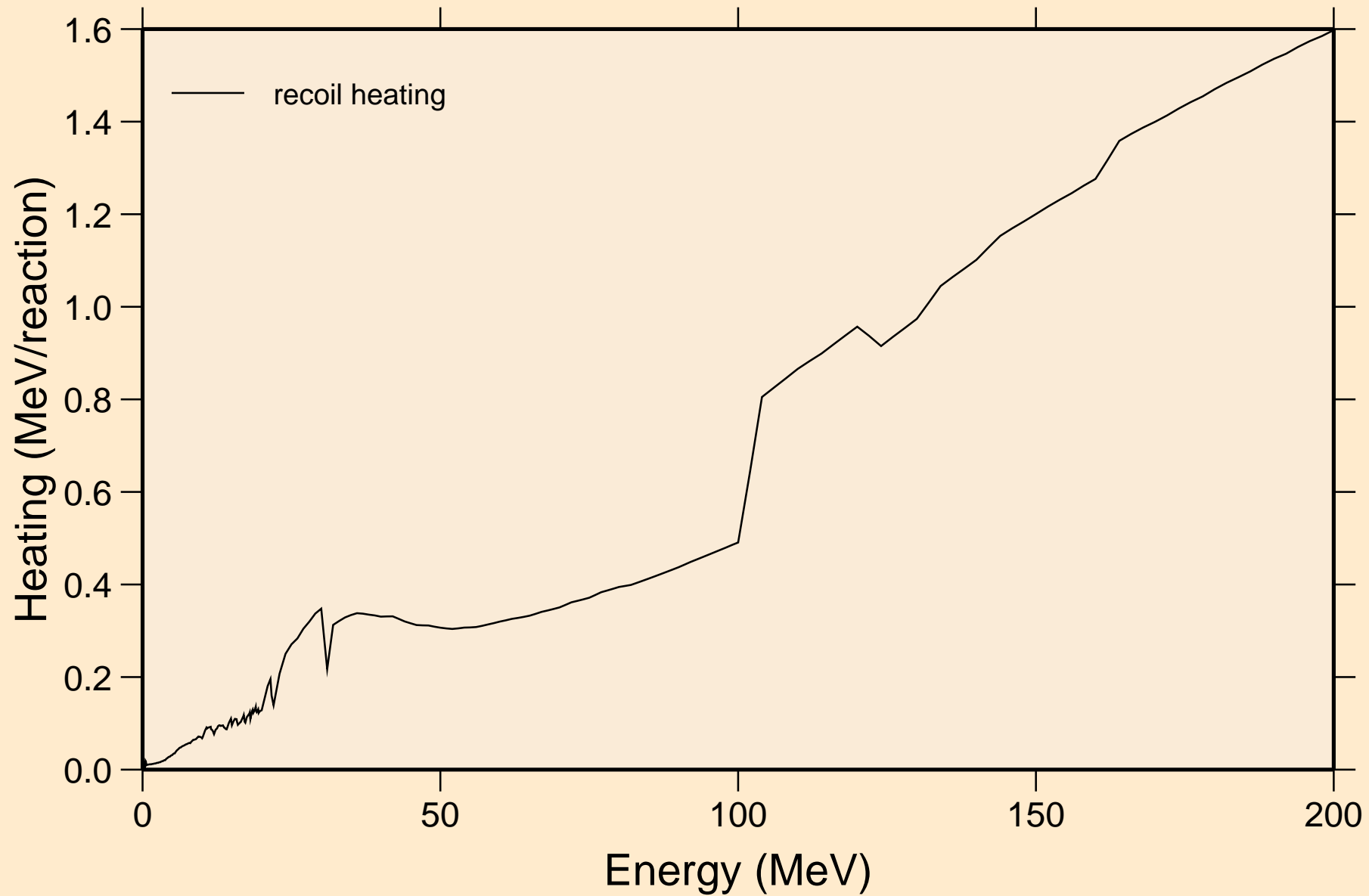


# GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

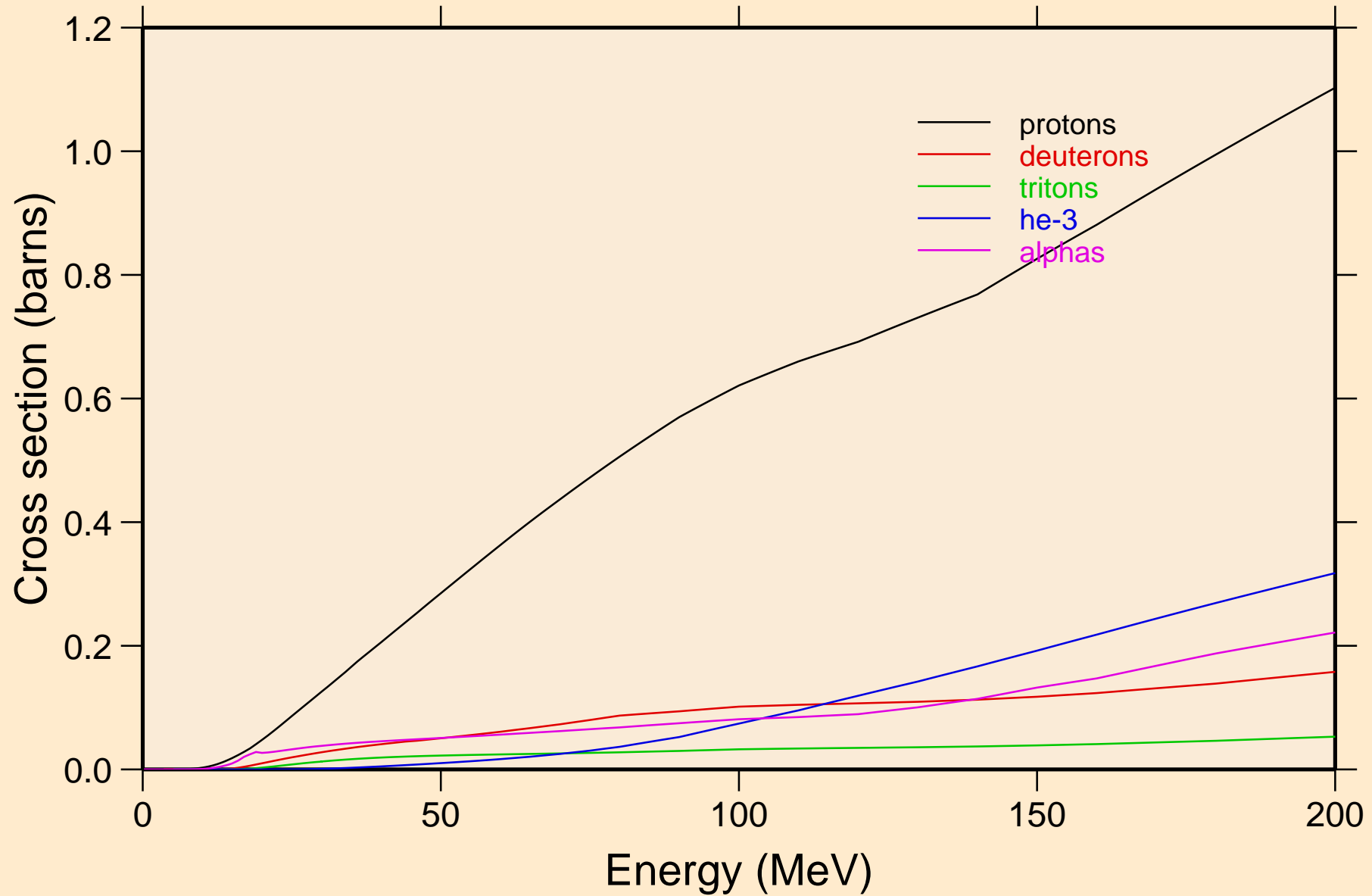
## Particle heating contributions



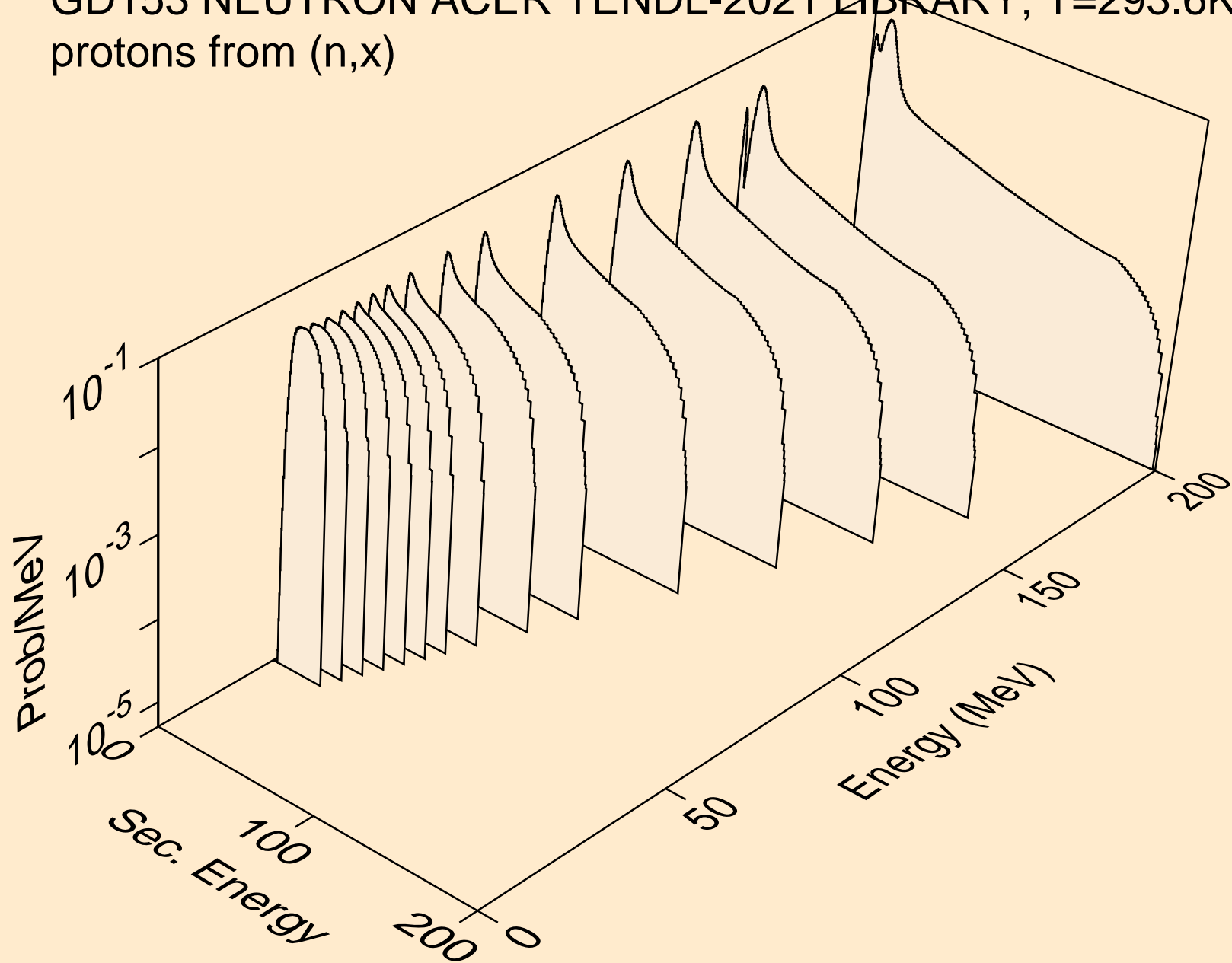
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

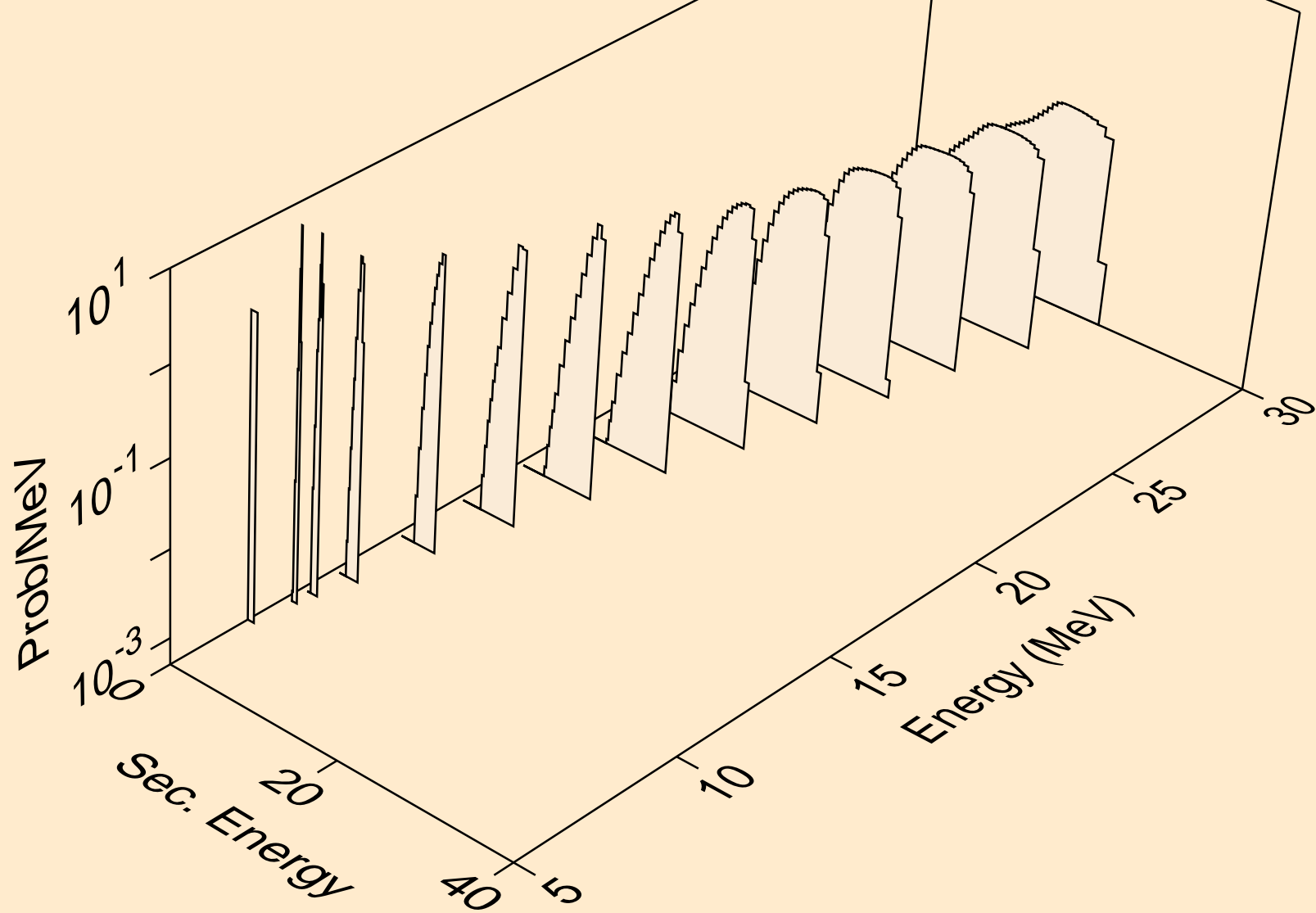


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

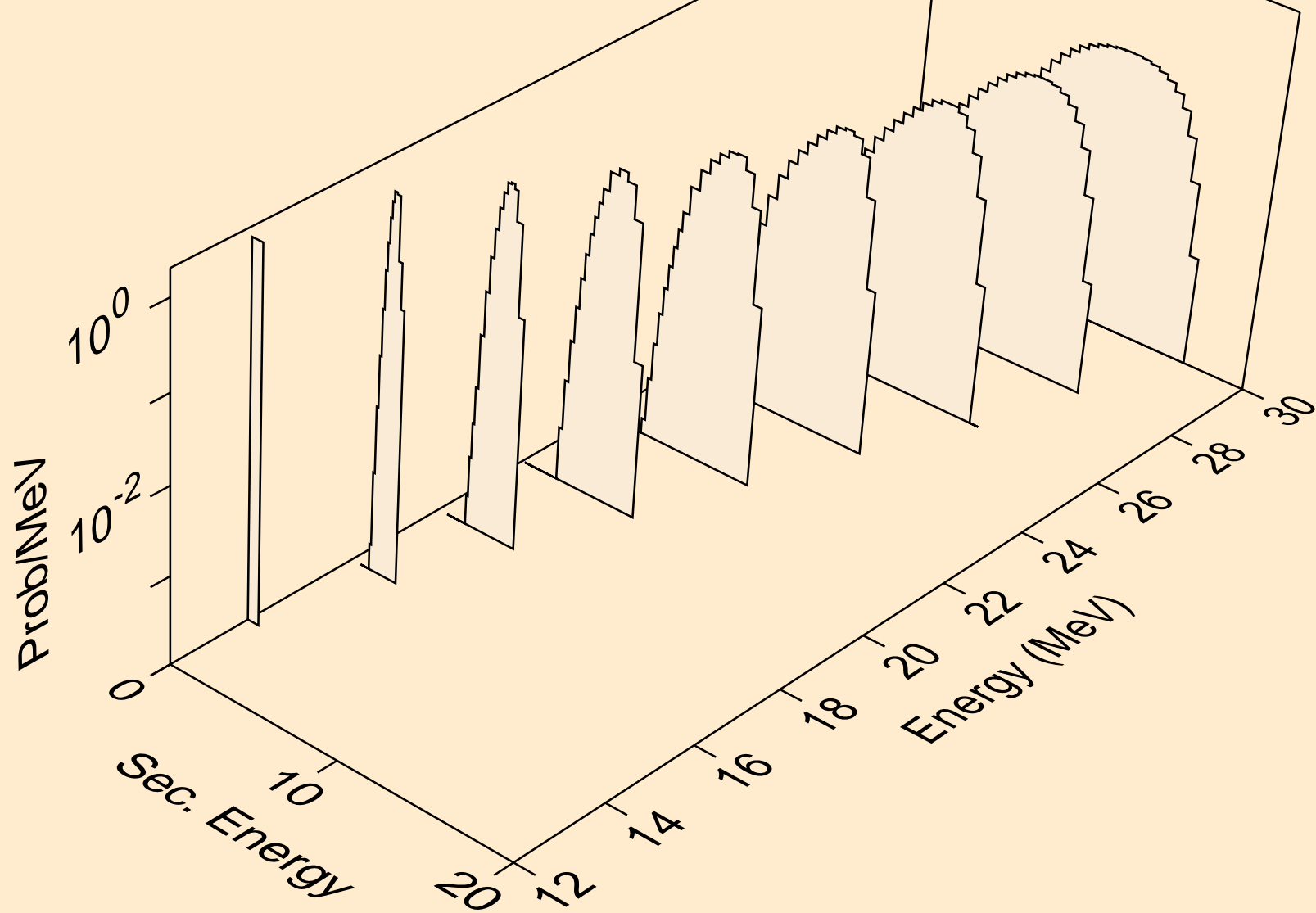




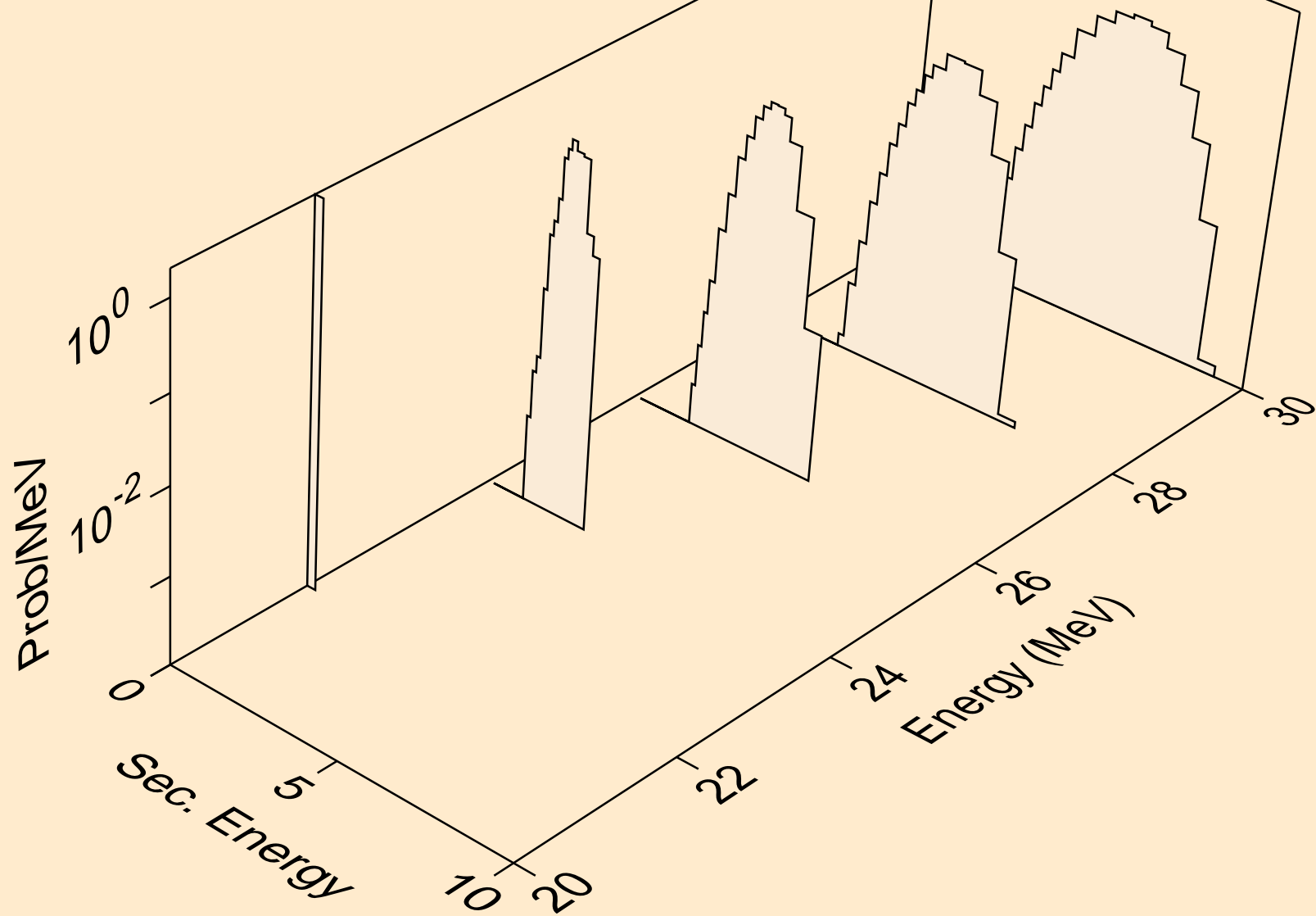
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



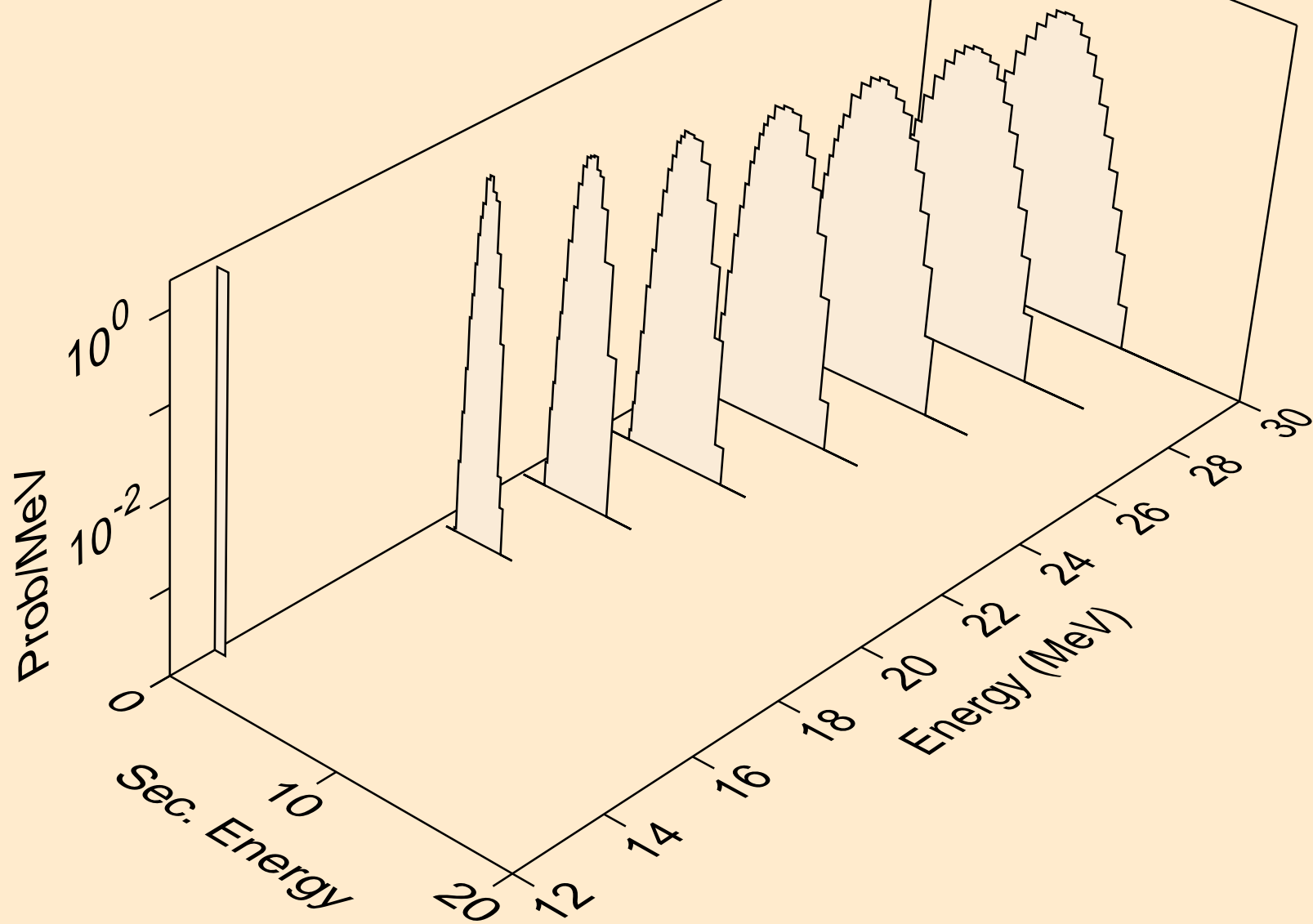
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



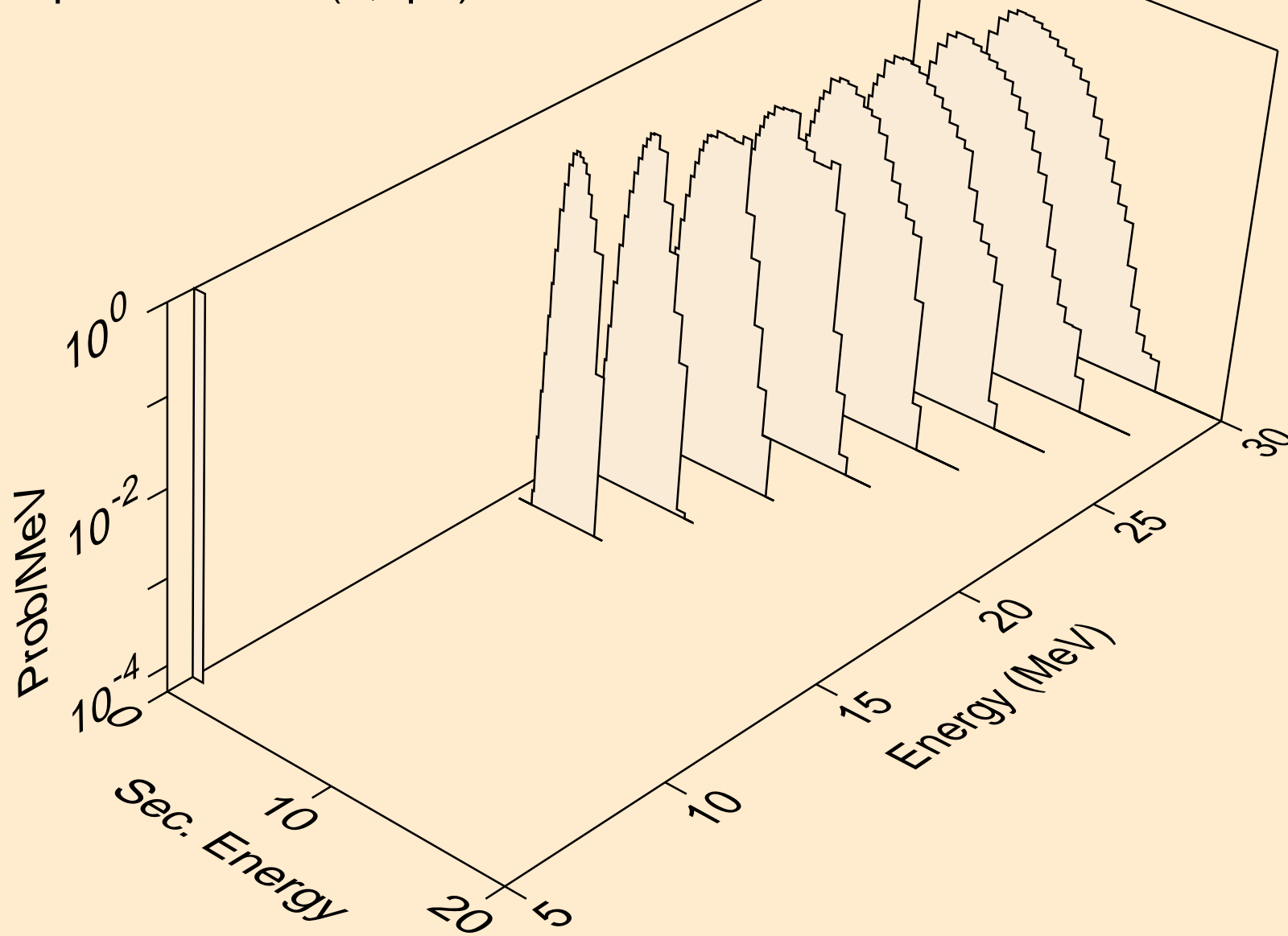
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



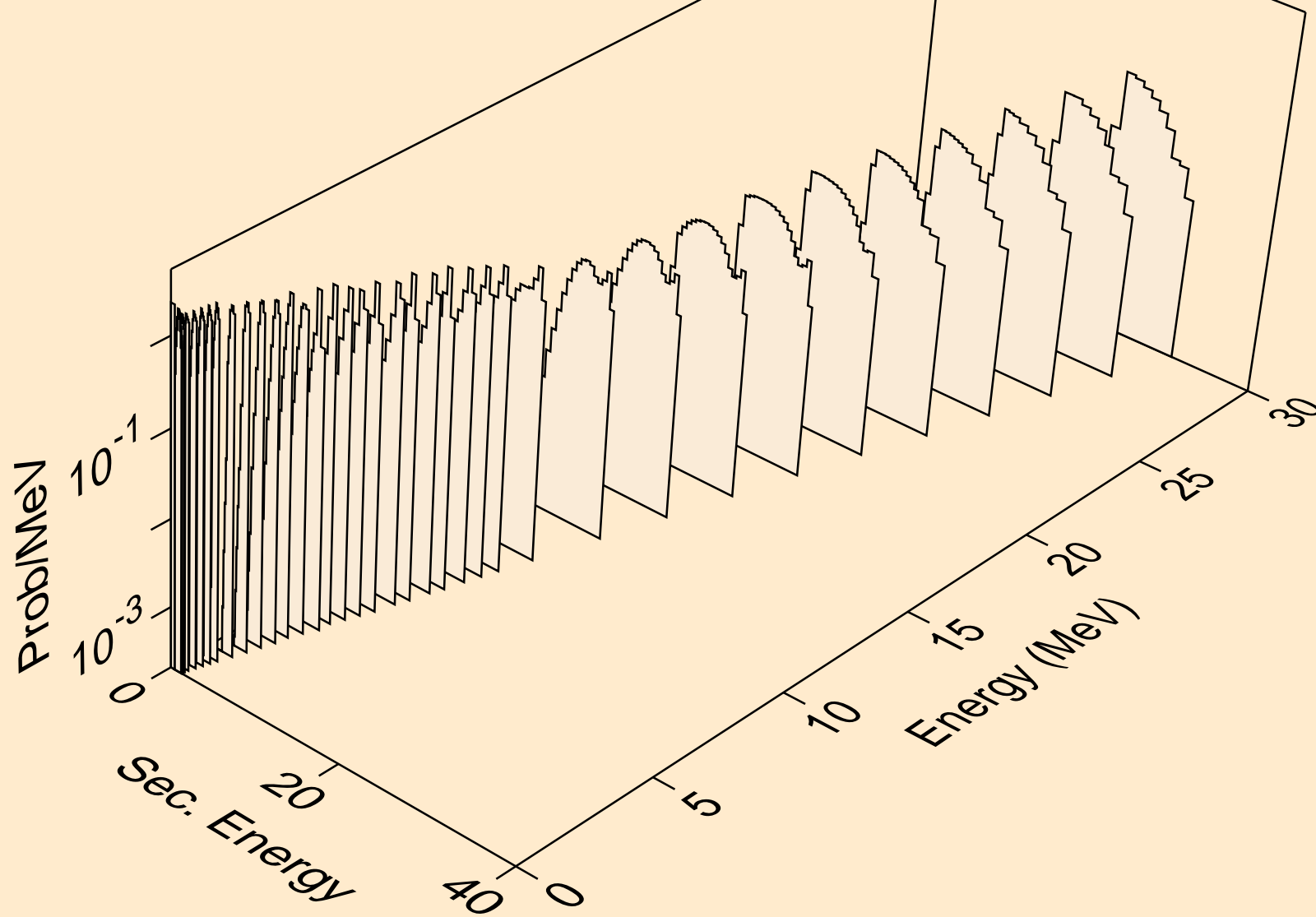
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



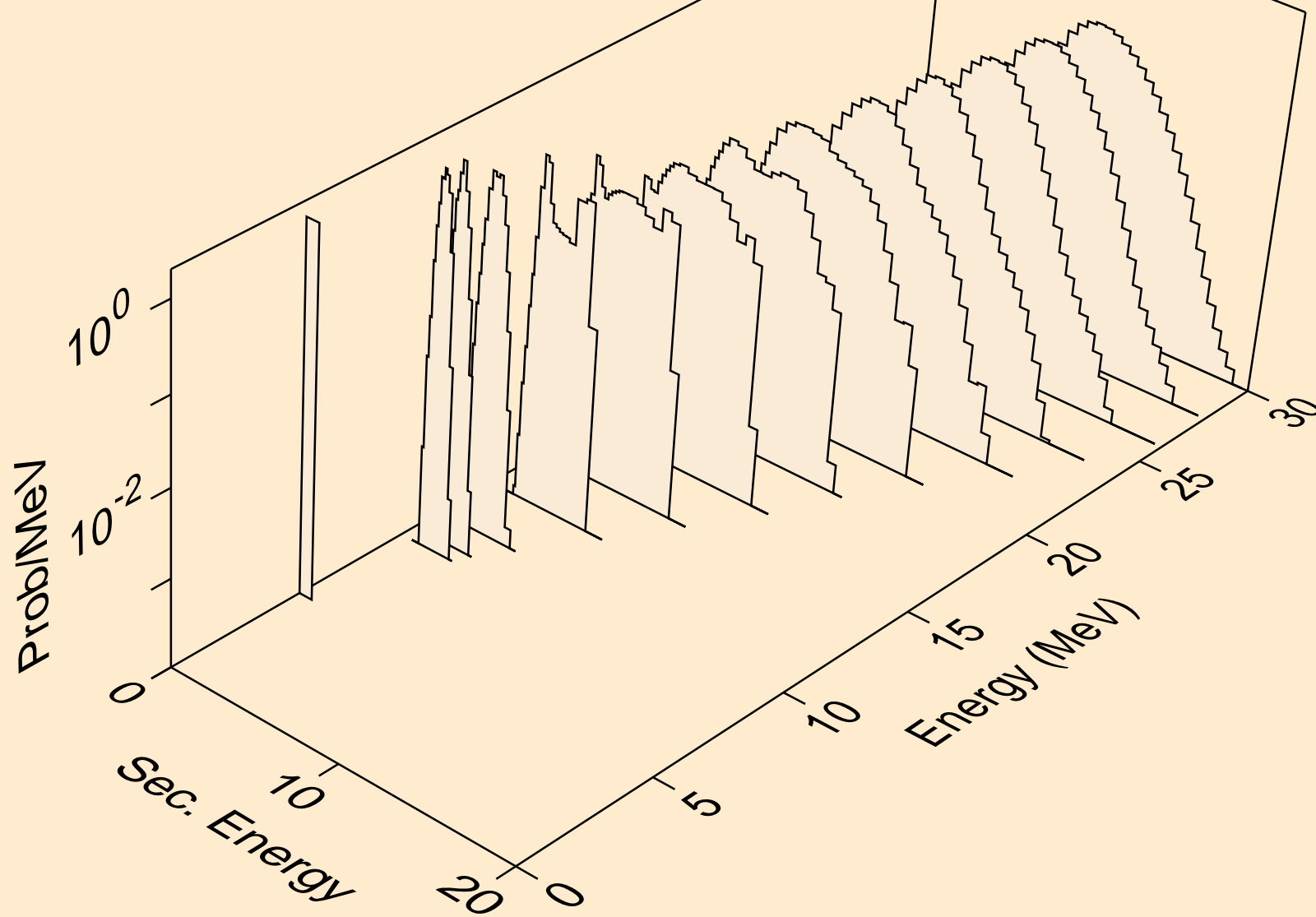
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



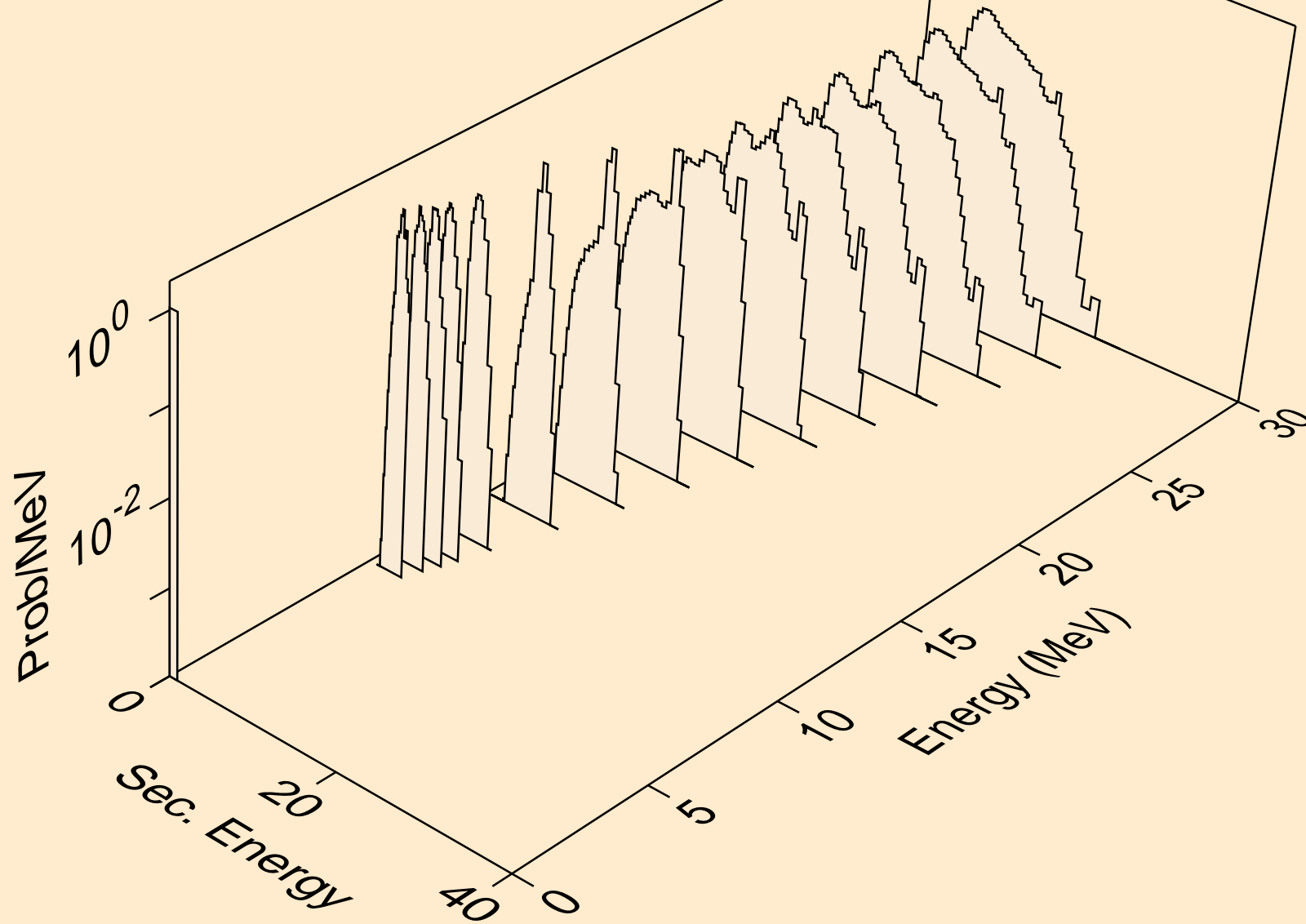
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)

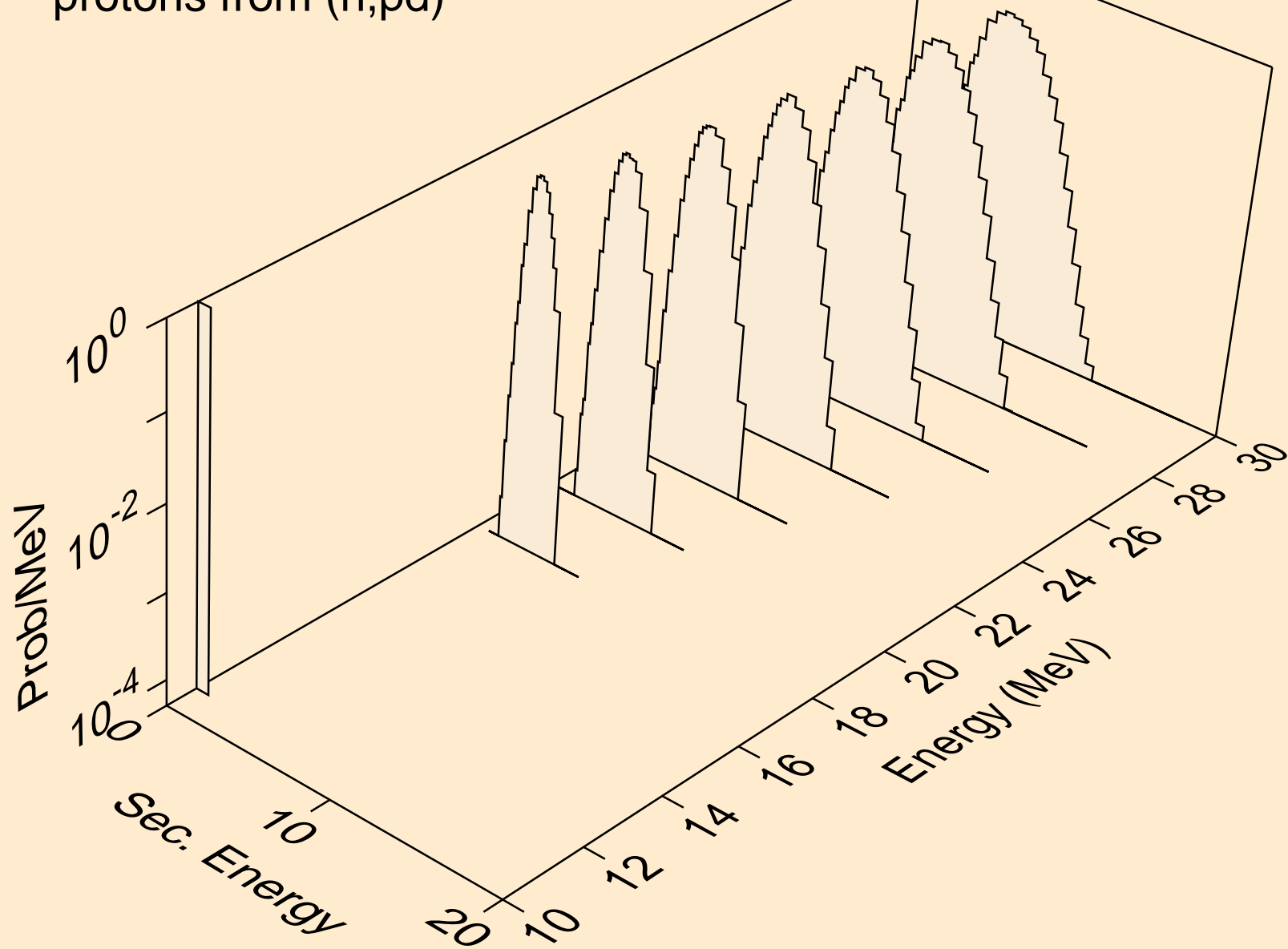


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

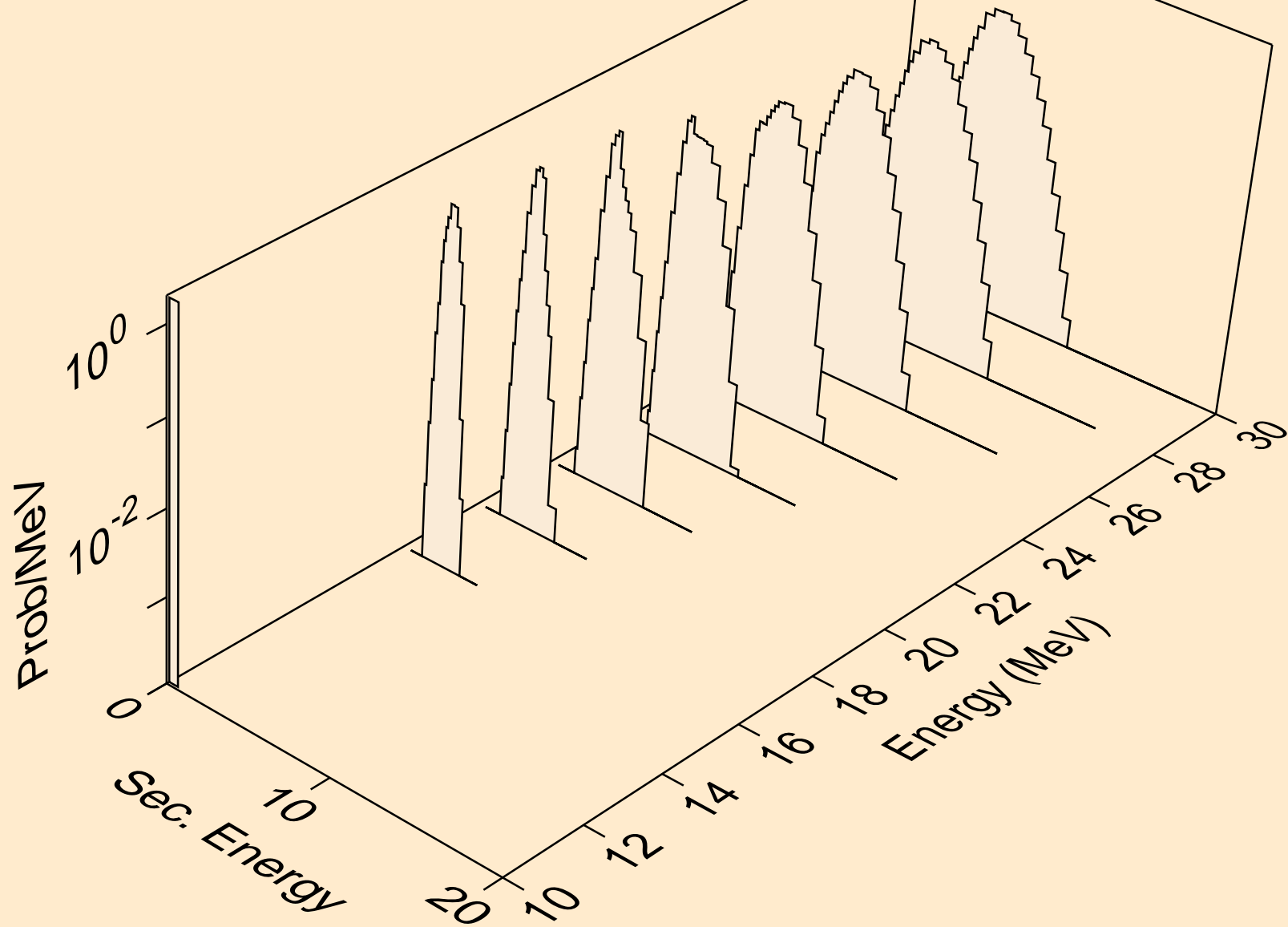




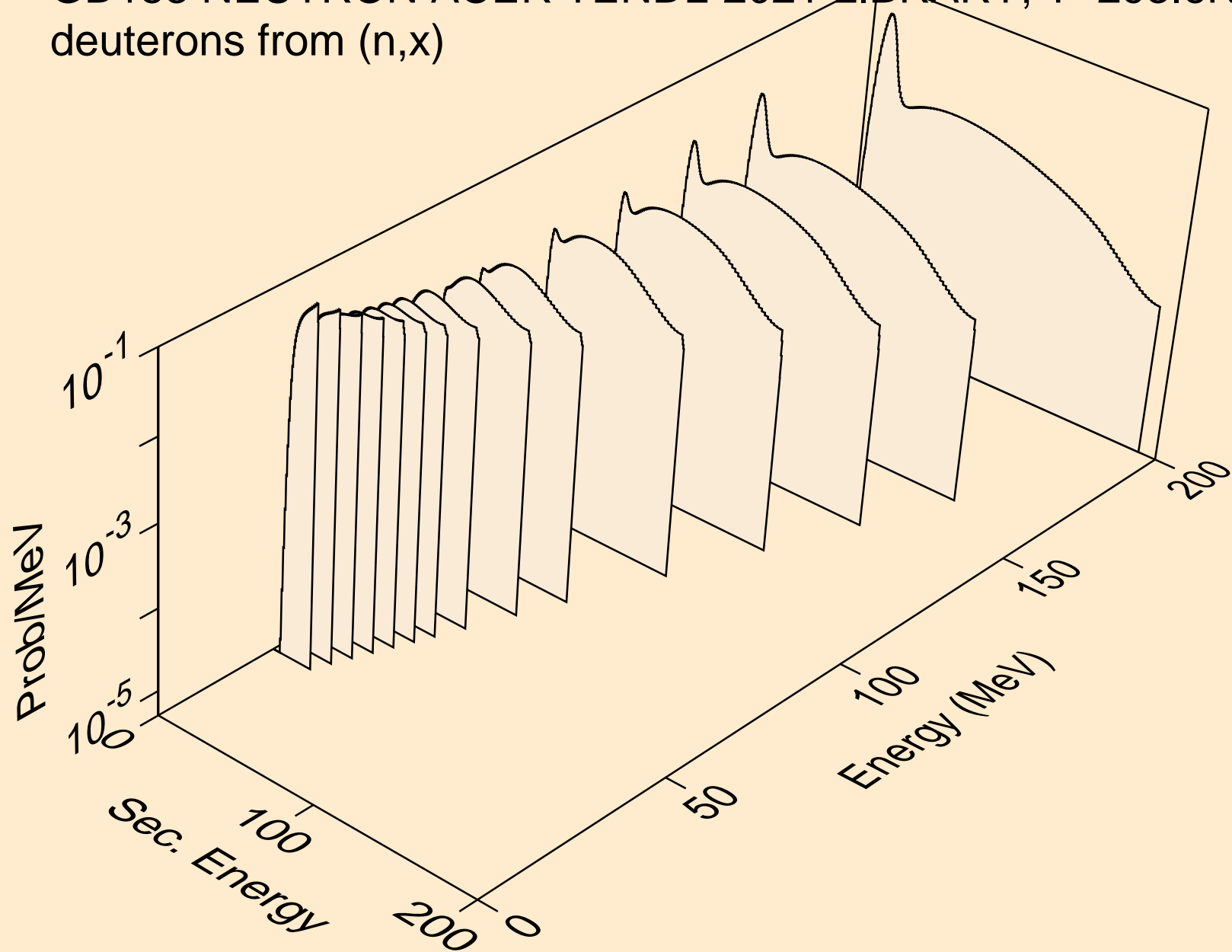
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



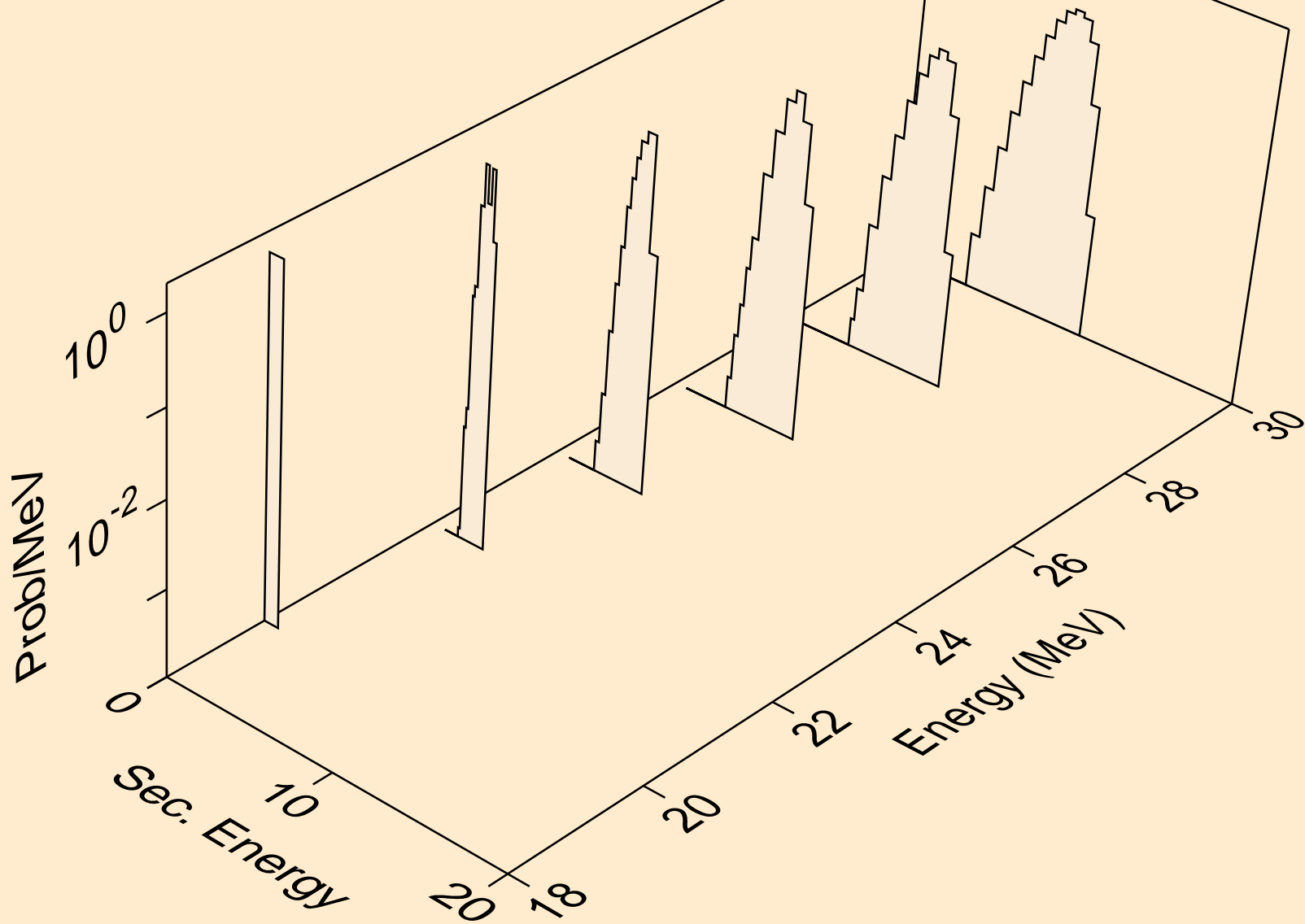
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



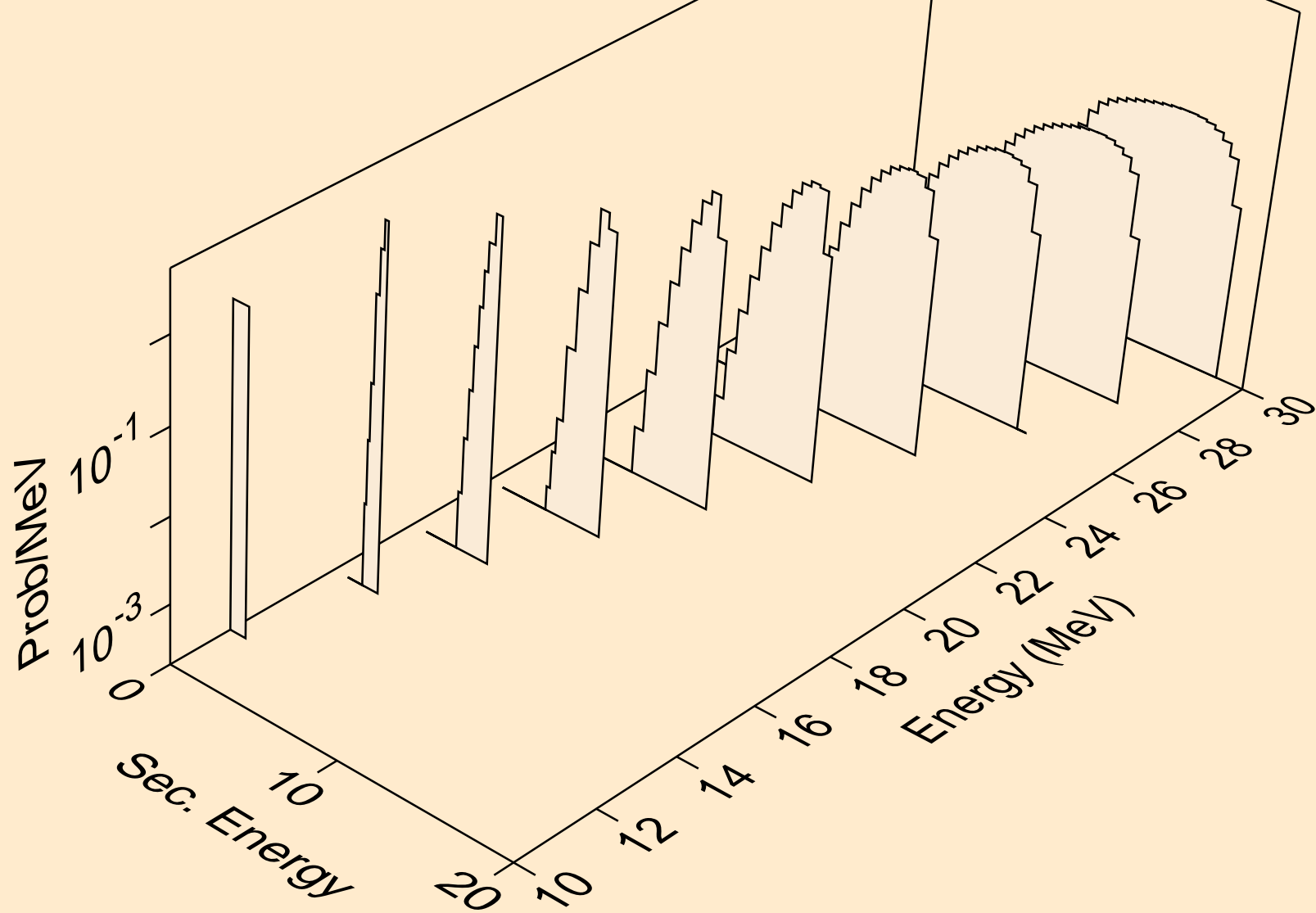
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



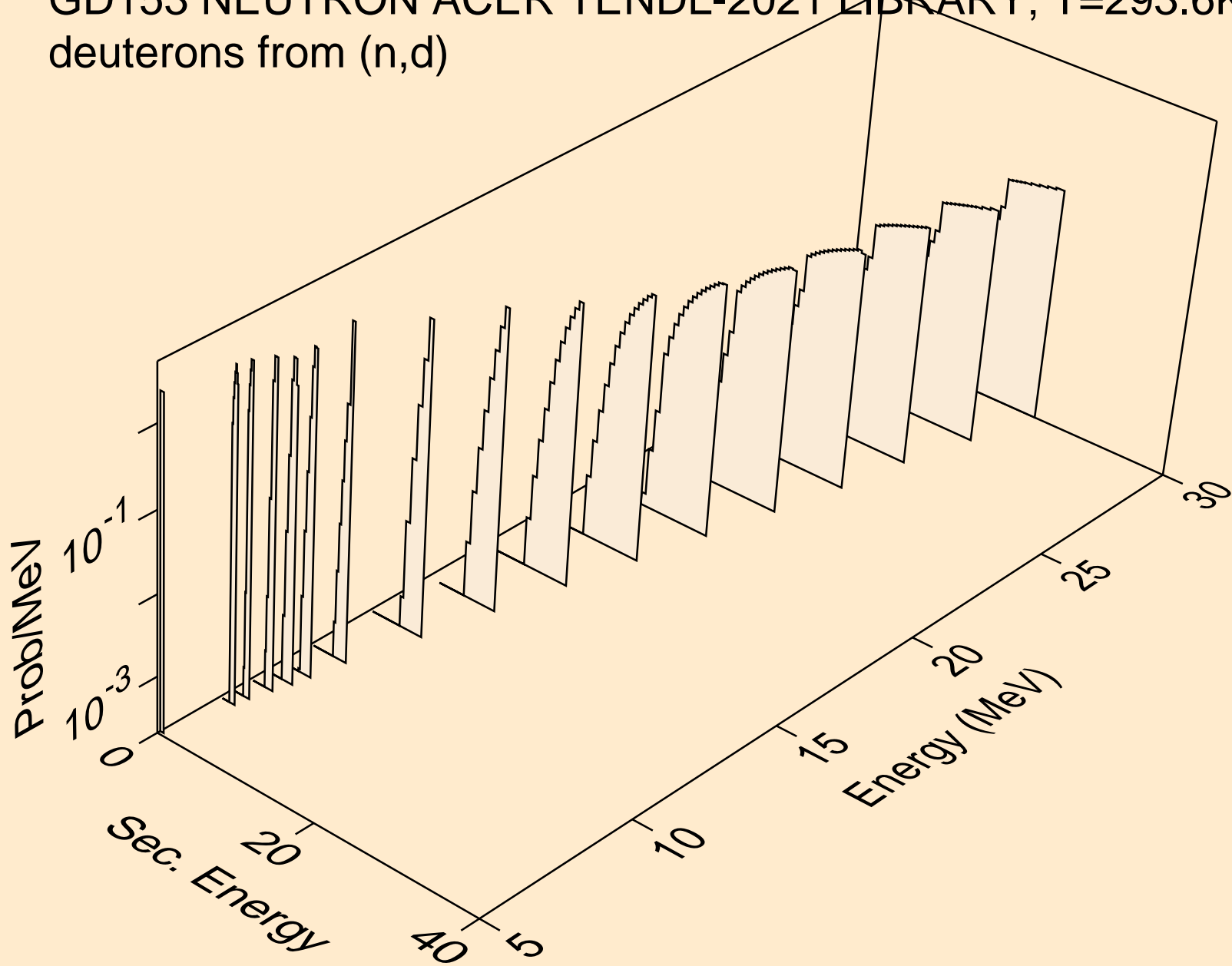
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



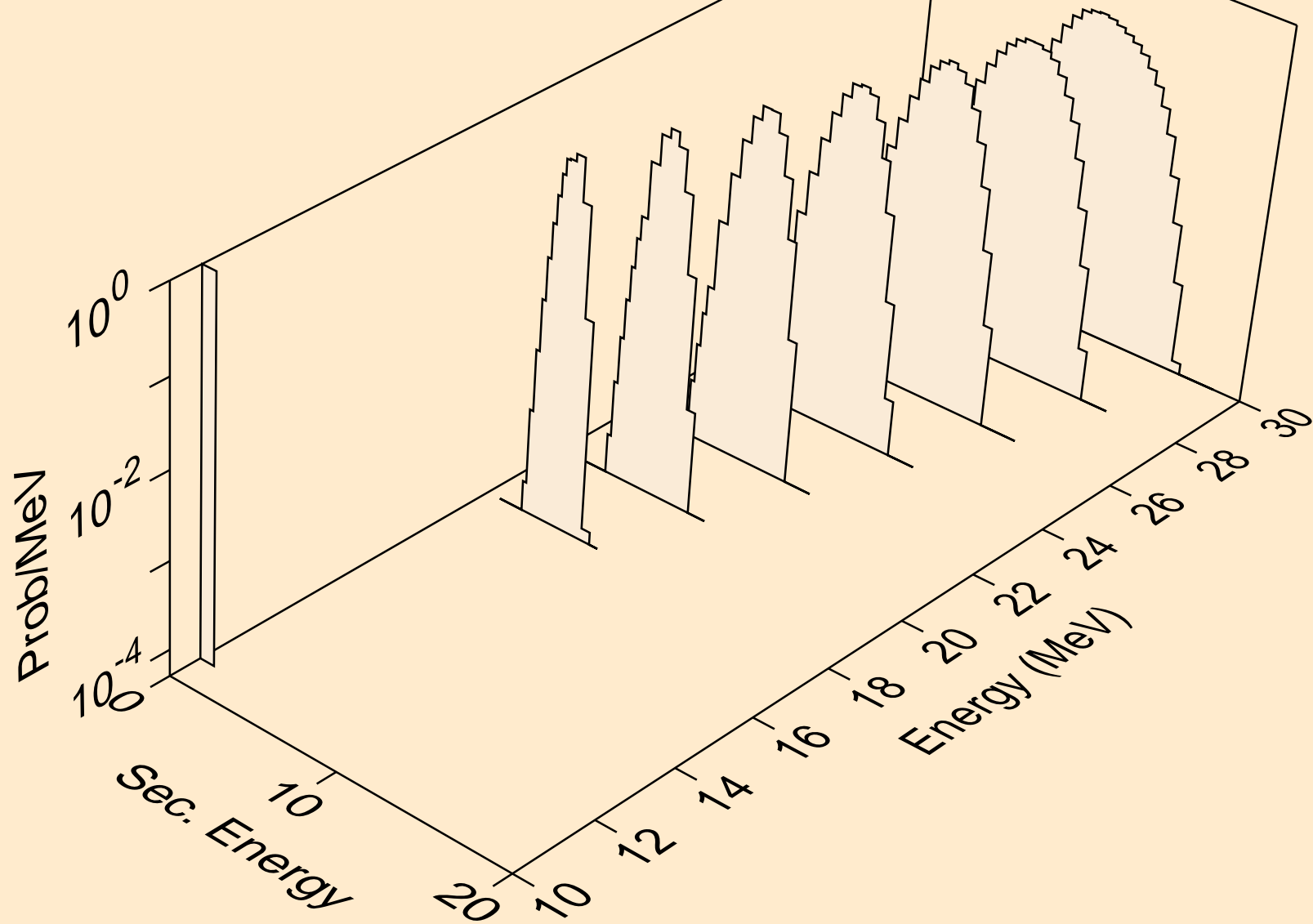
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



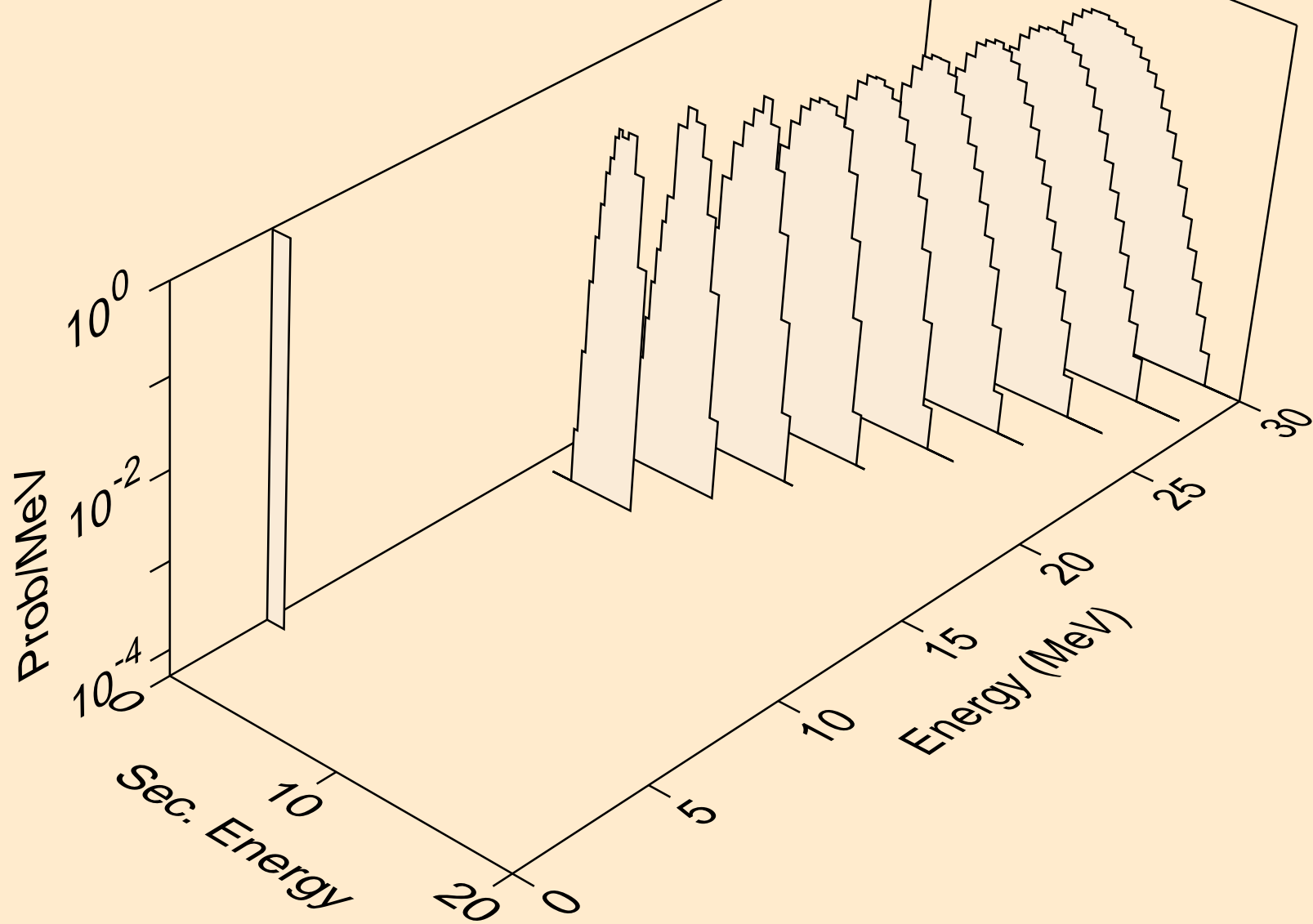
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

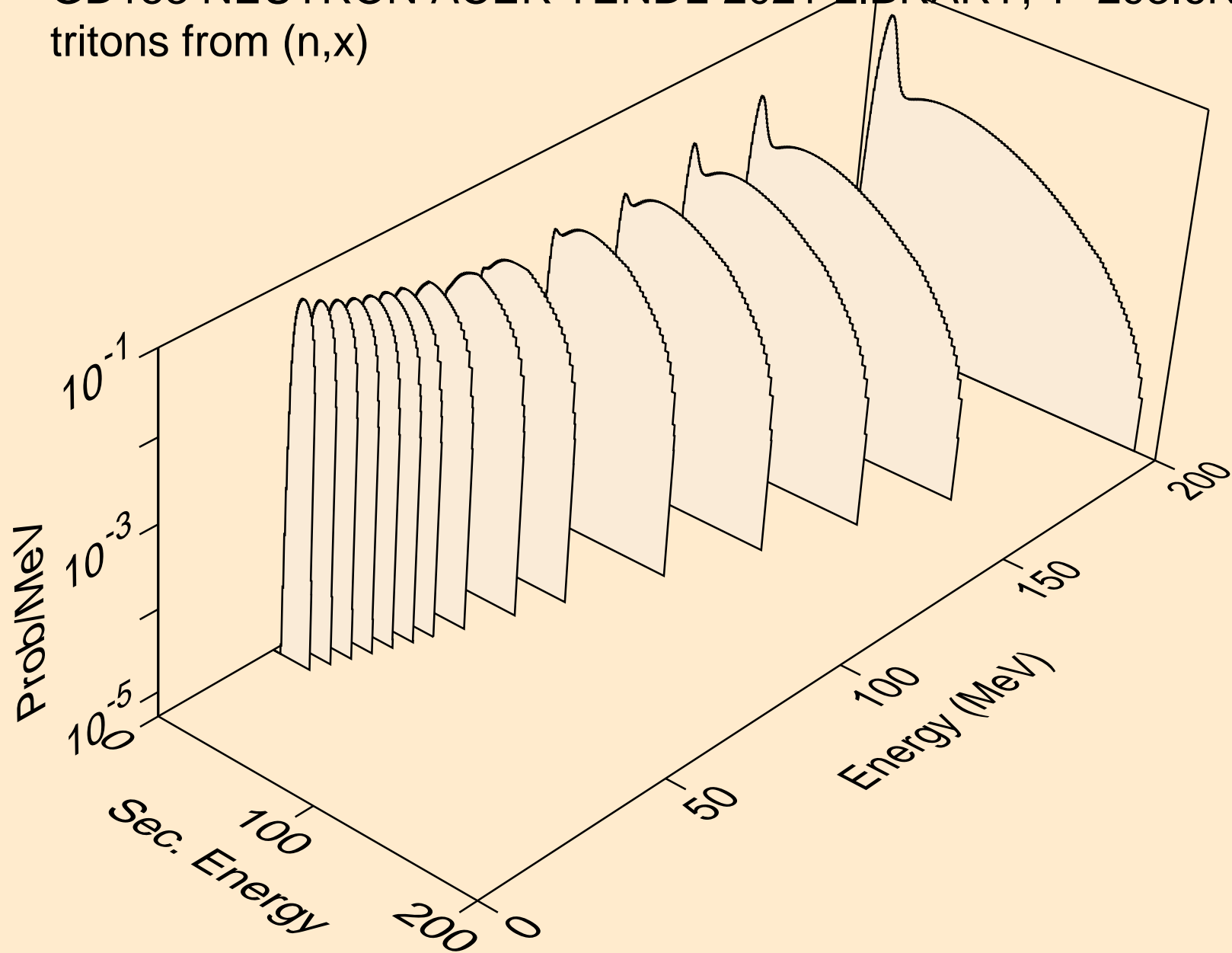


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)

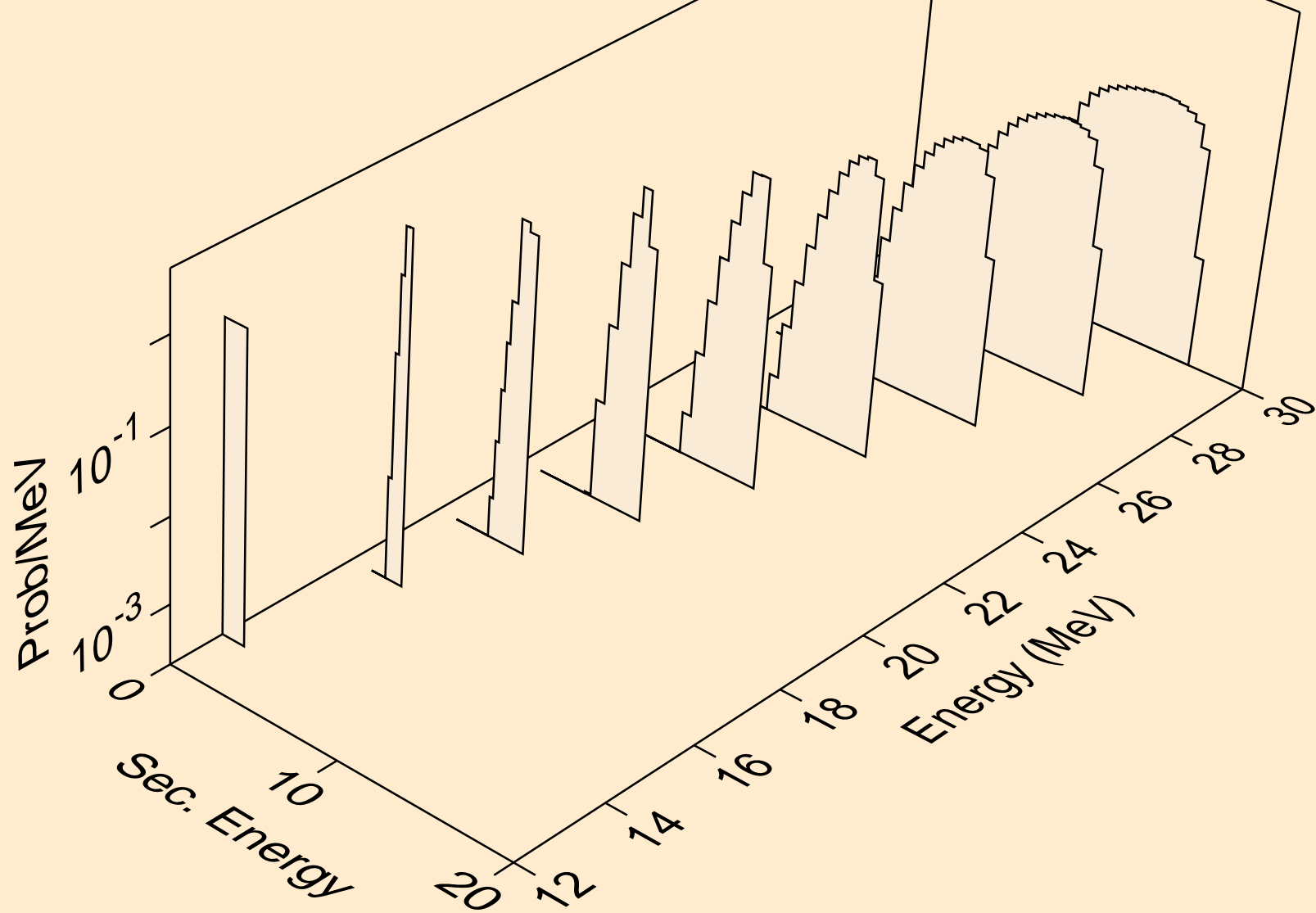




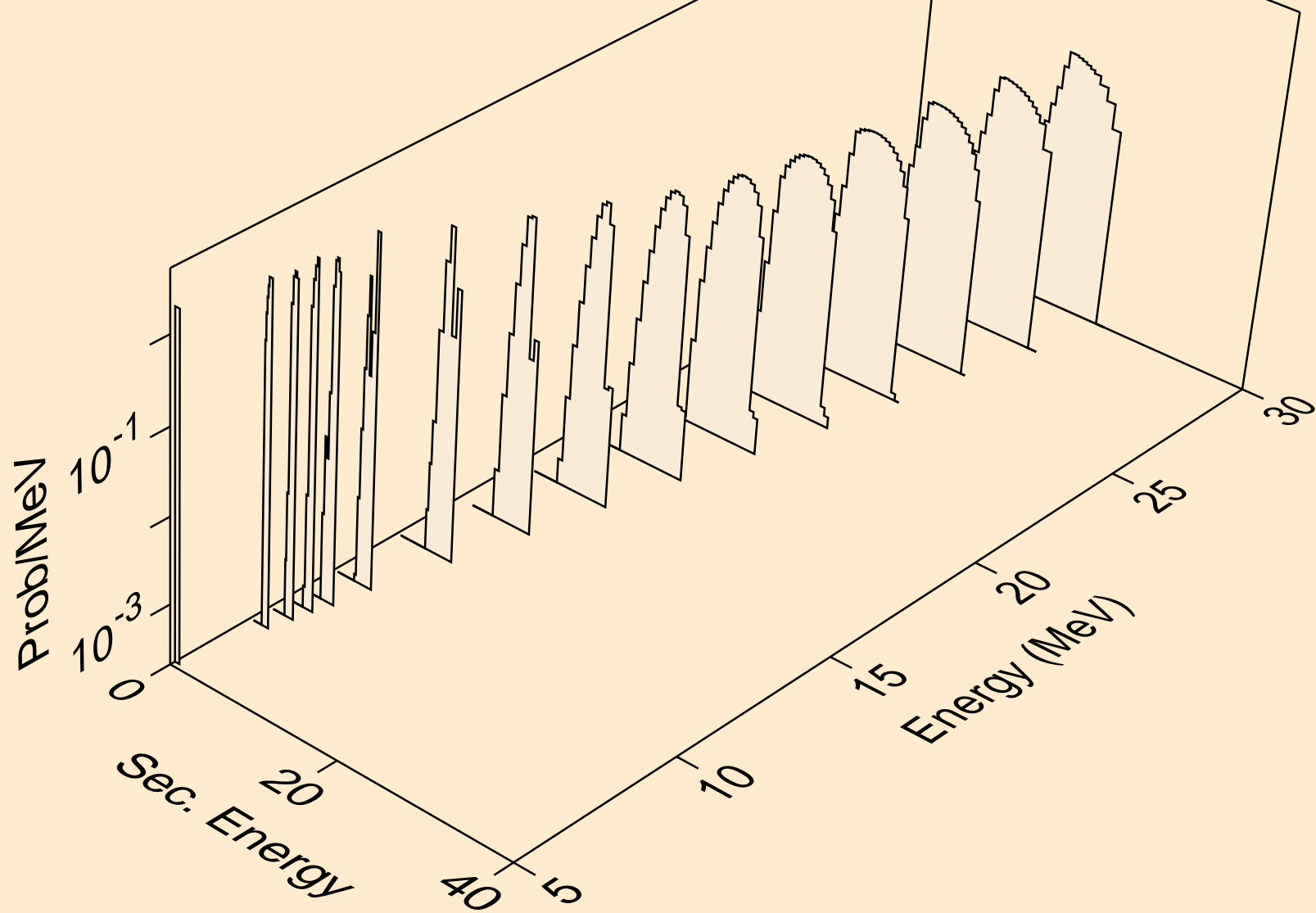
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



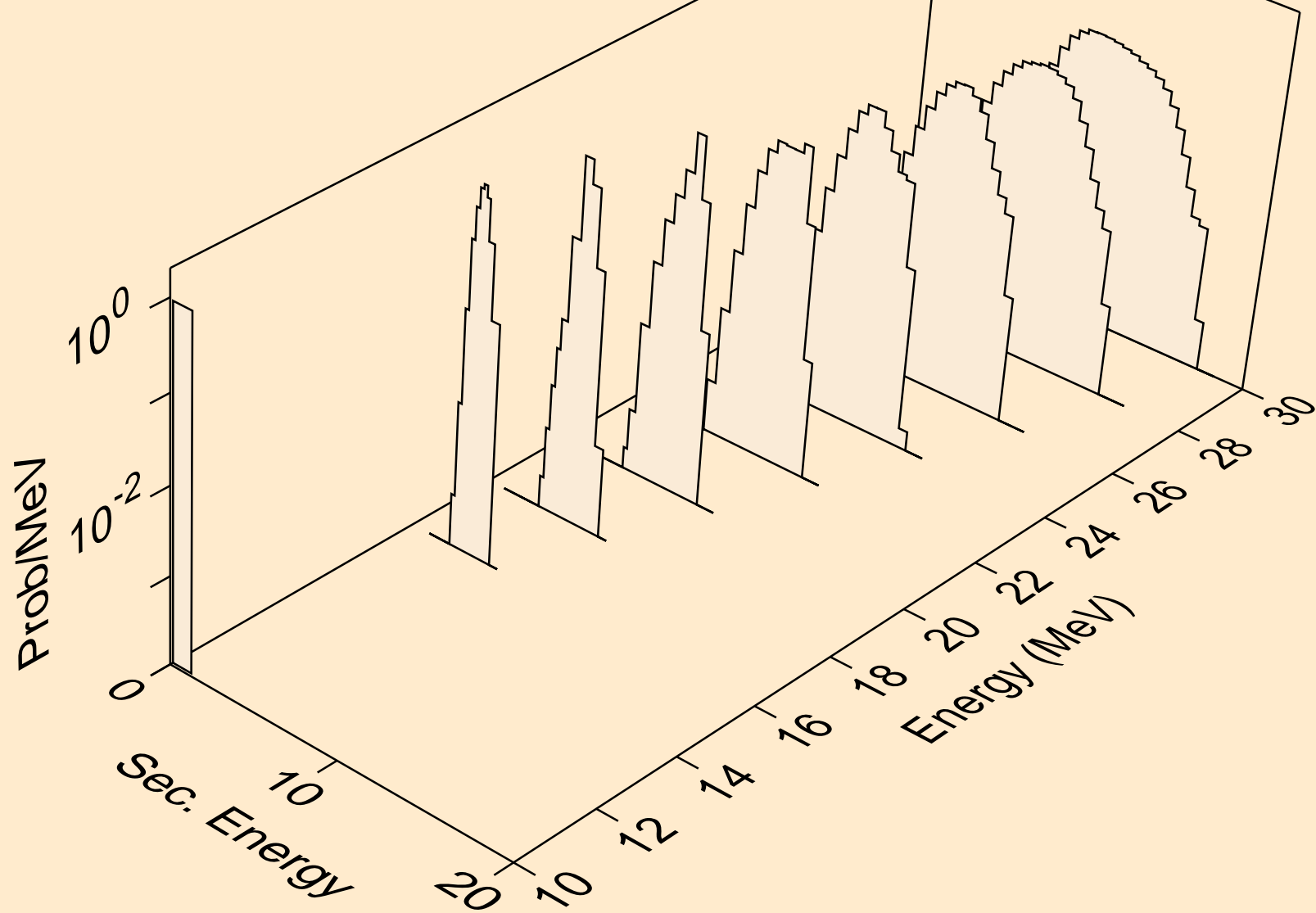
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



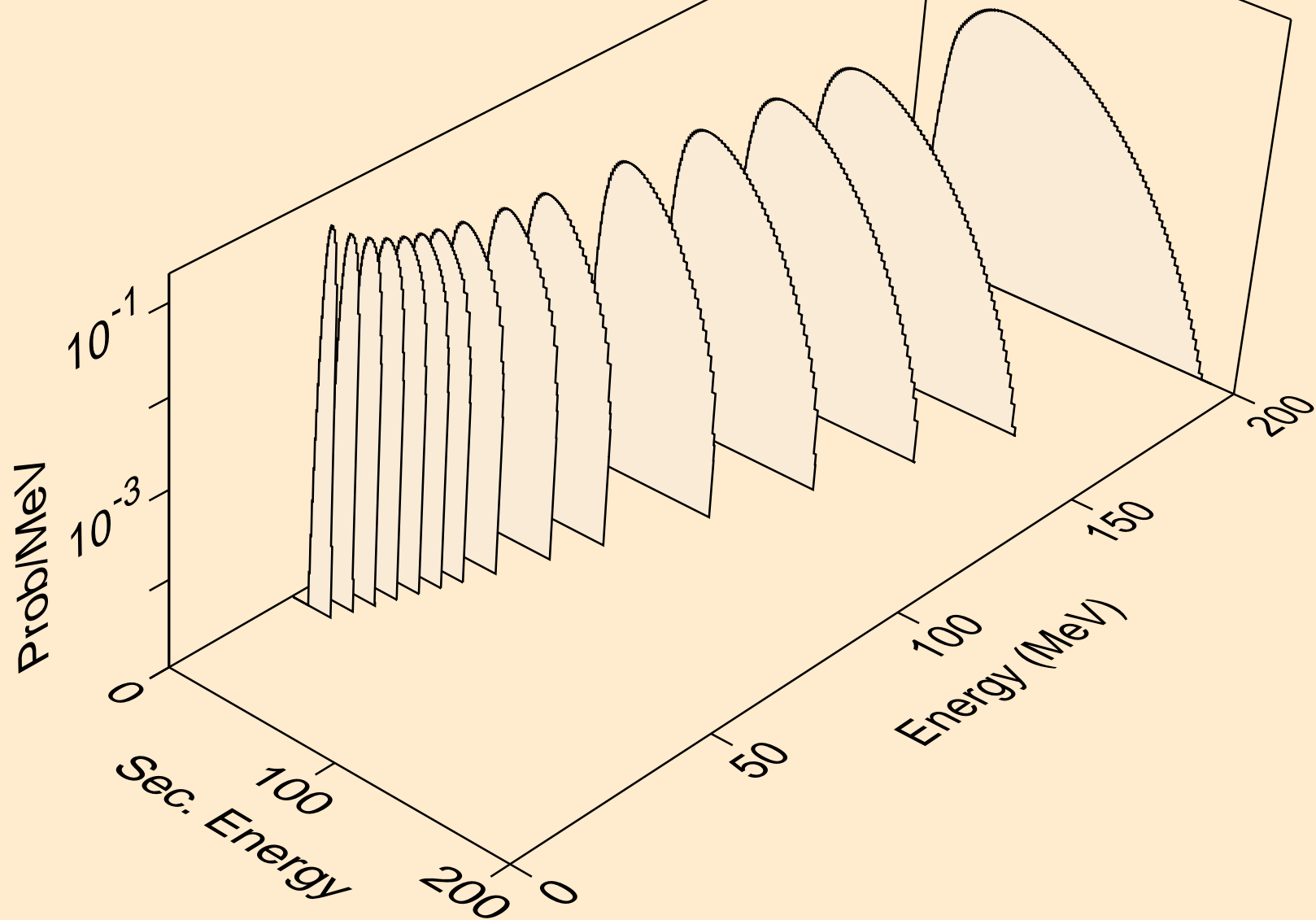
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



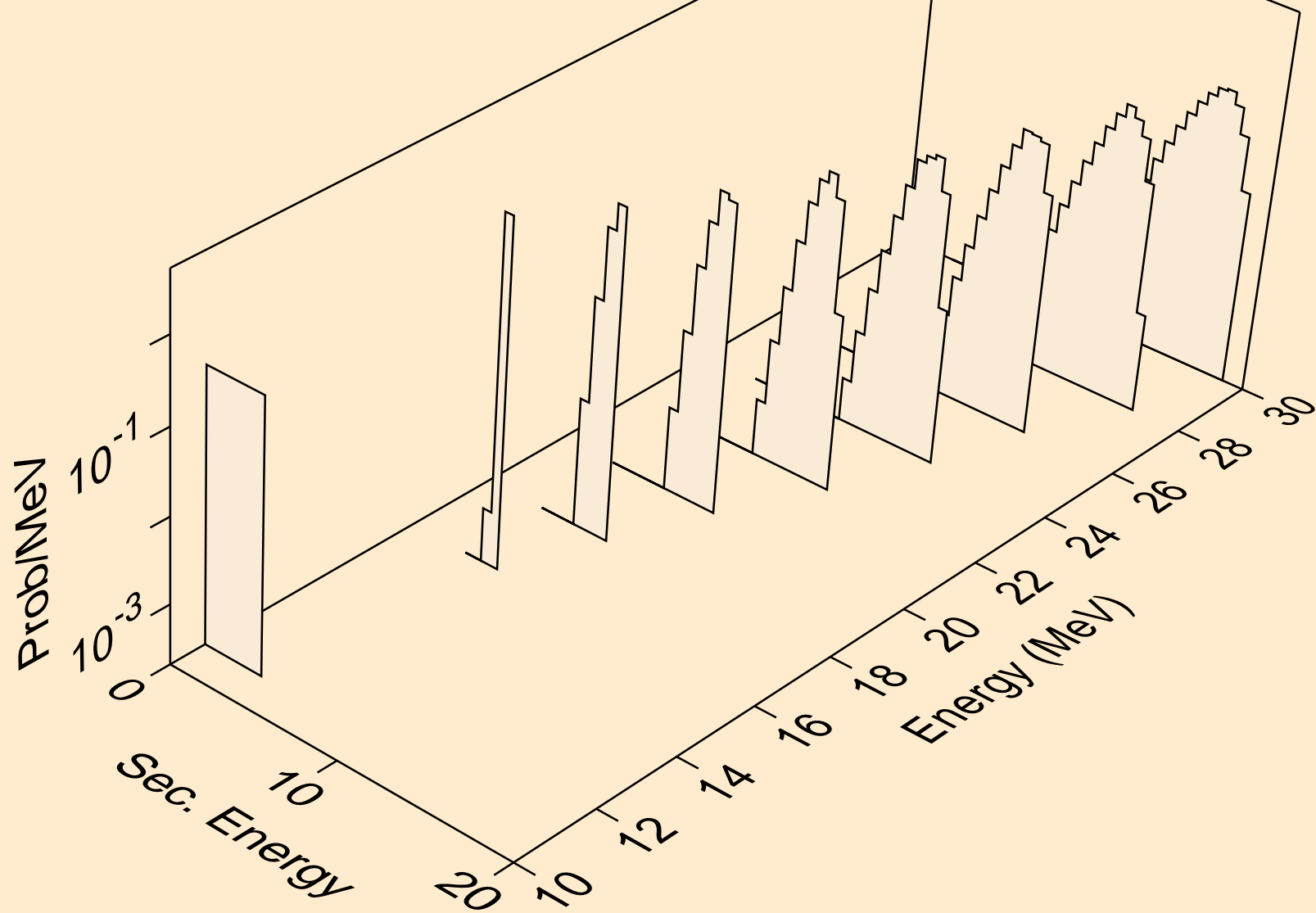
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



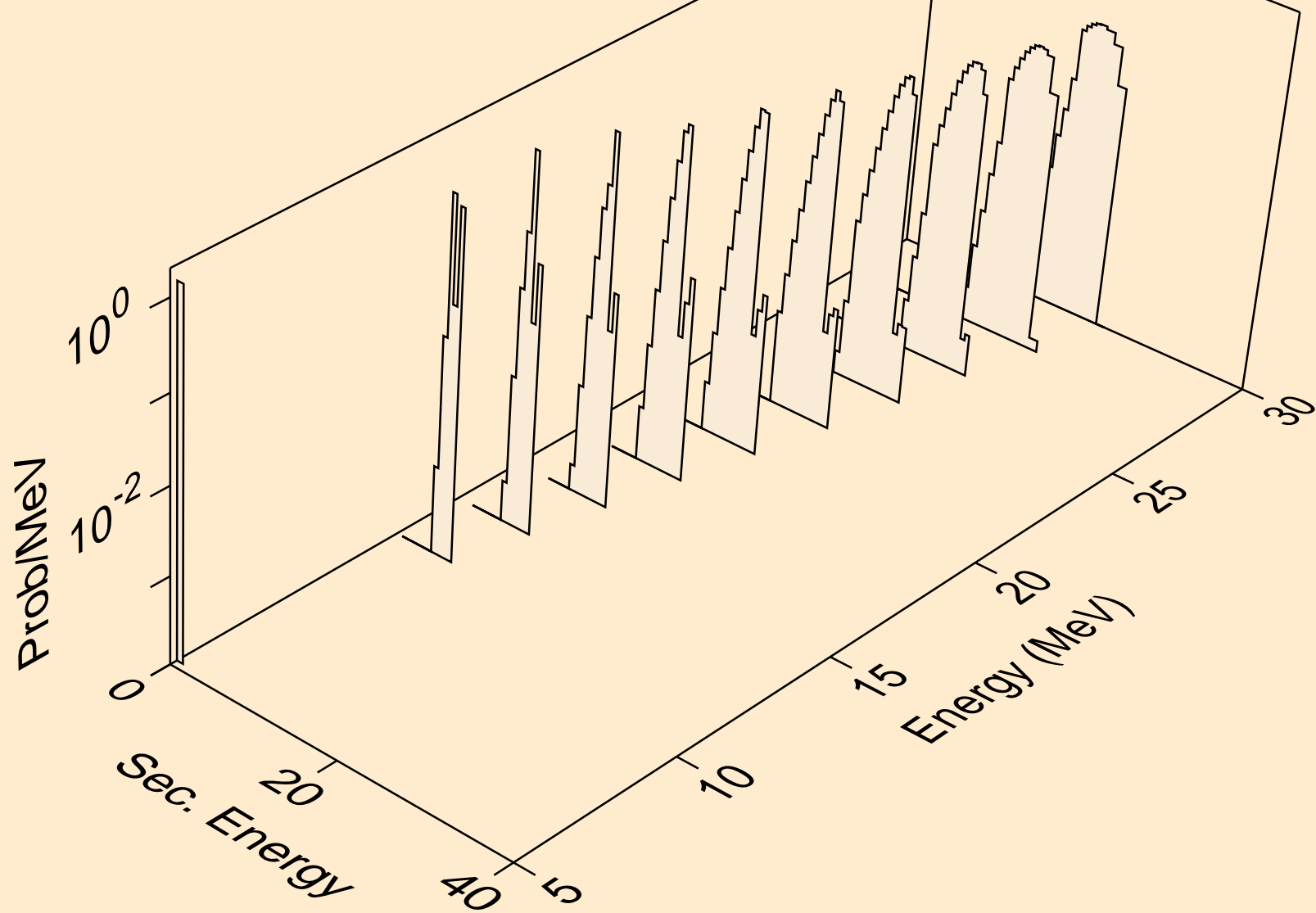
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



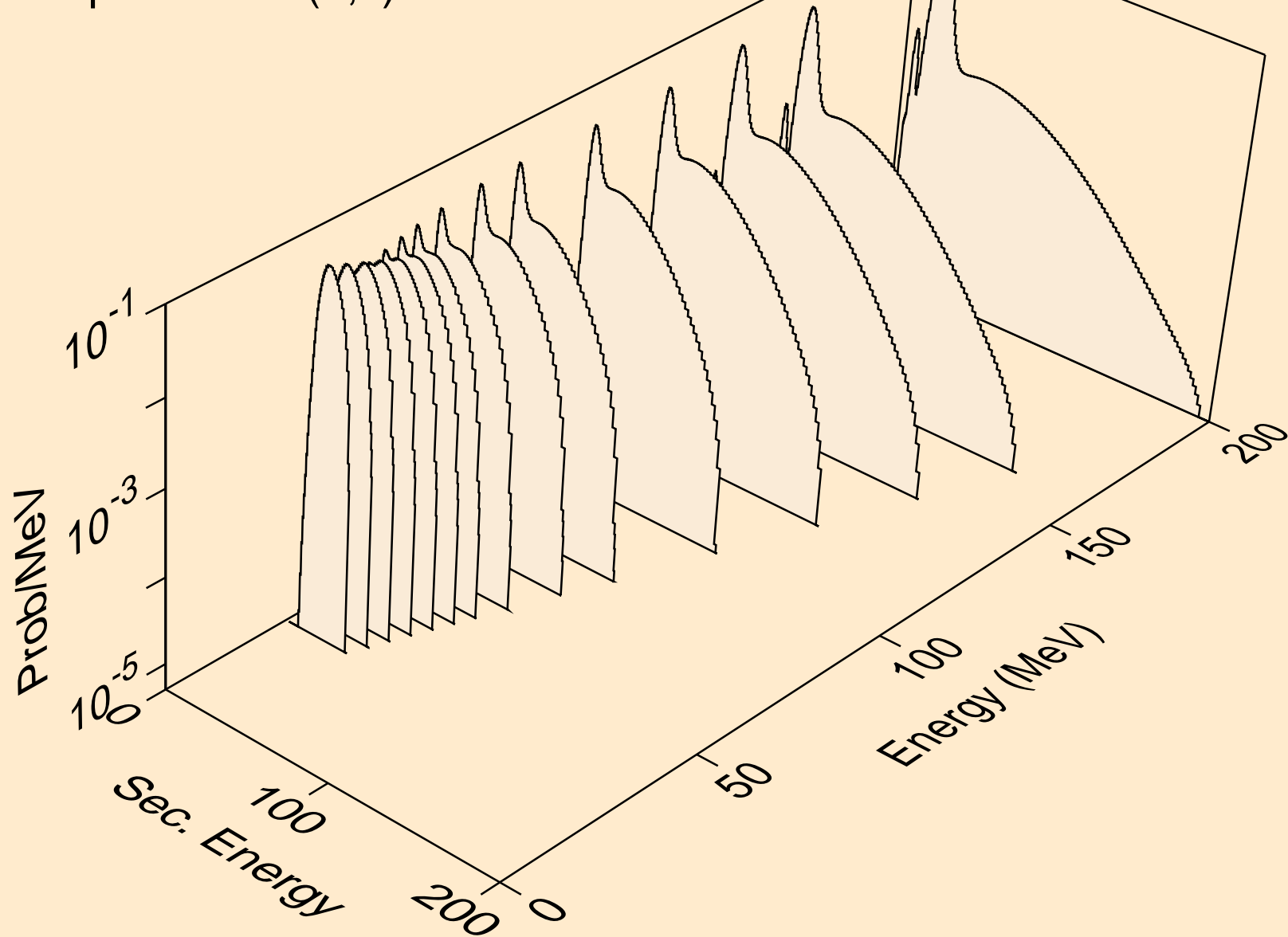
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

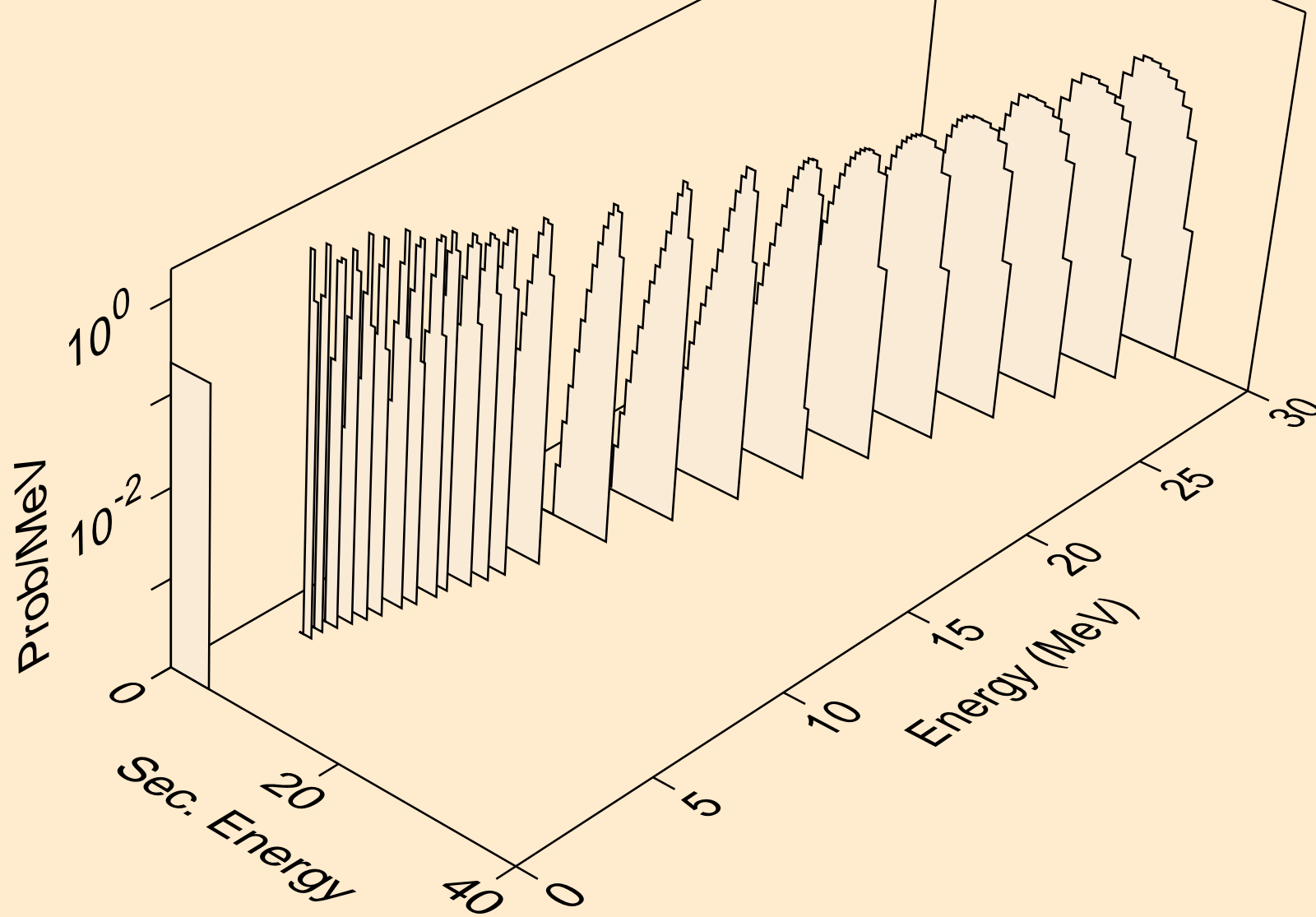


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

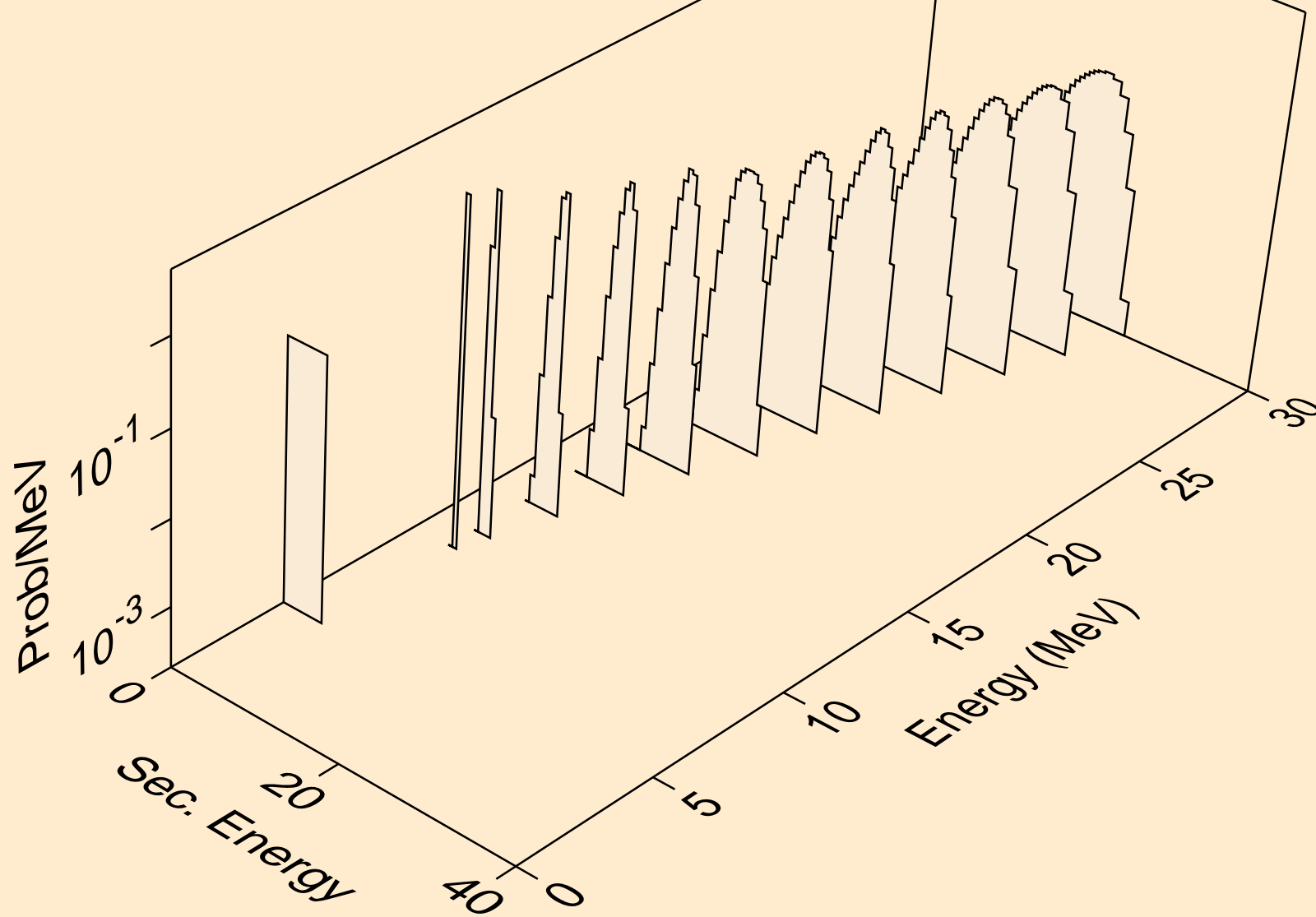




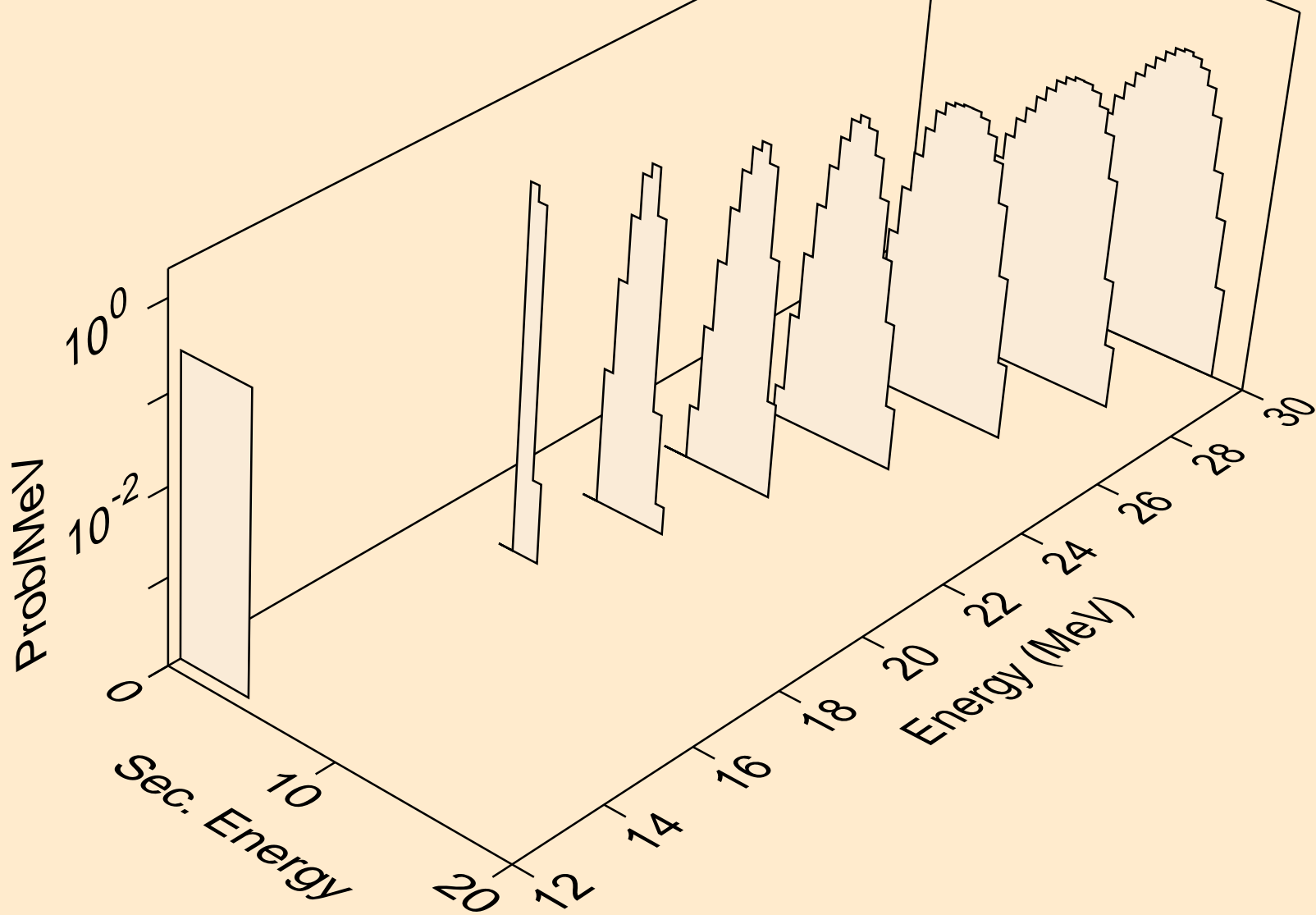
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



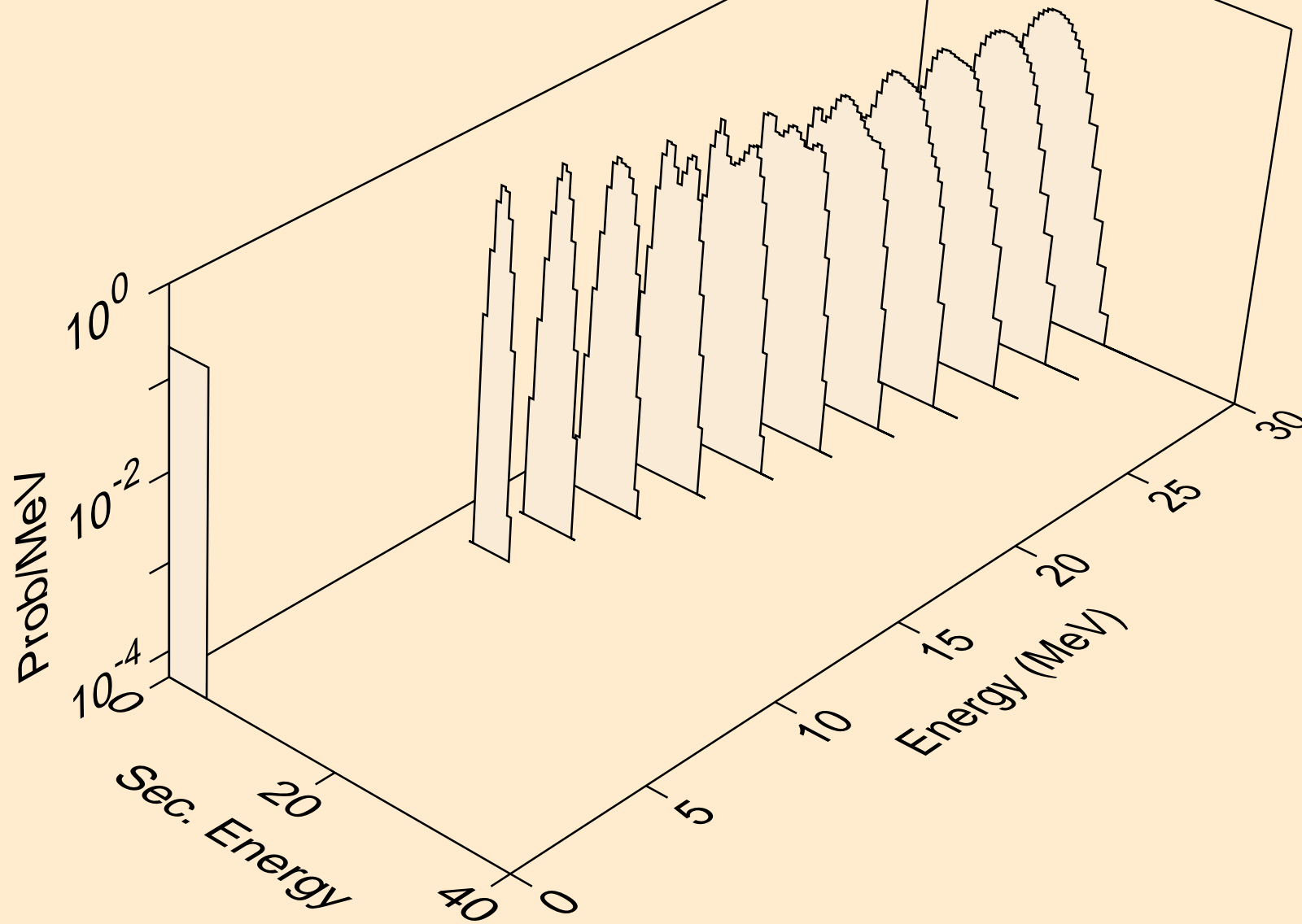
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



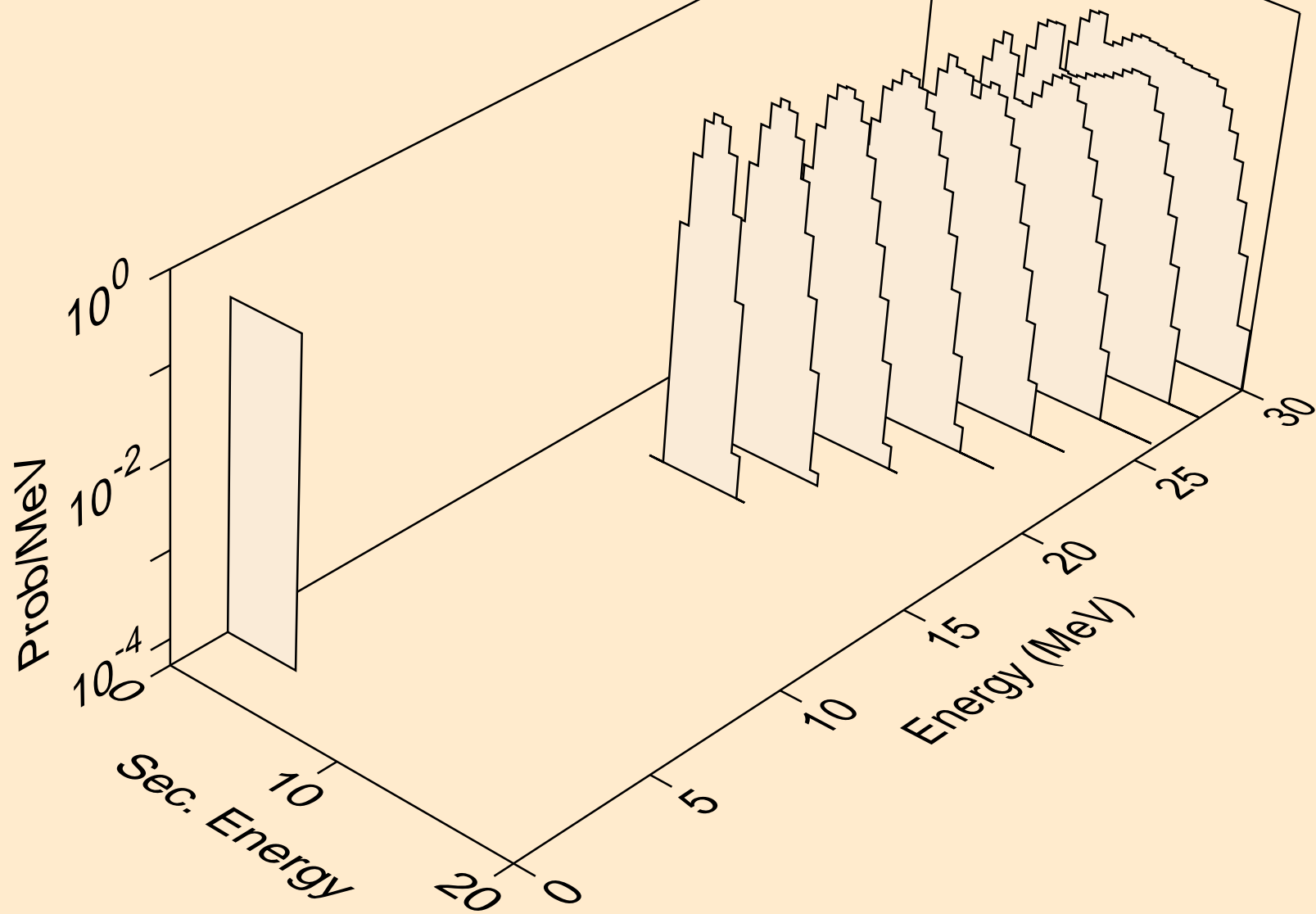
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



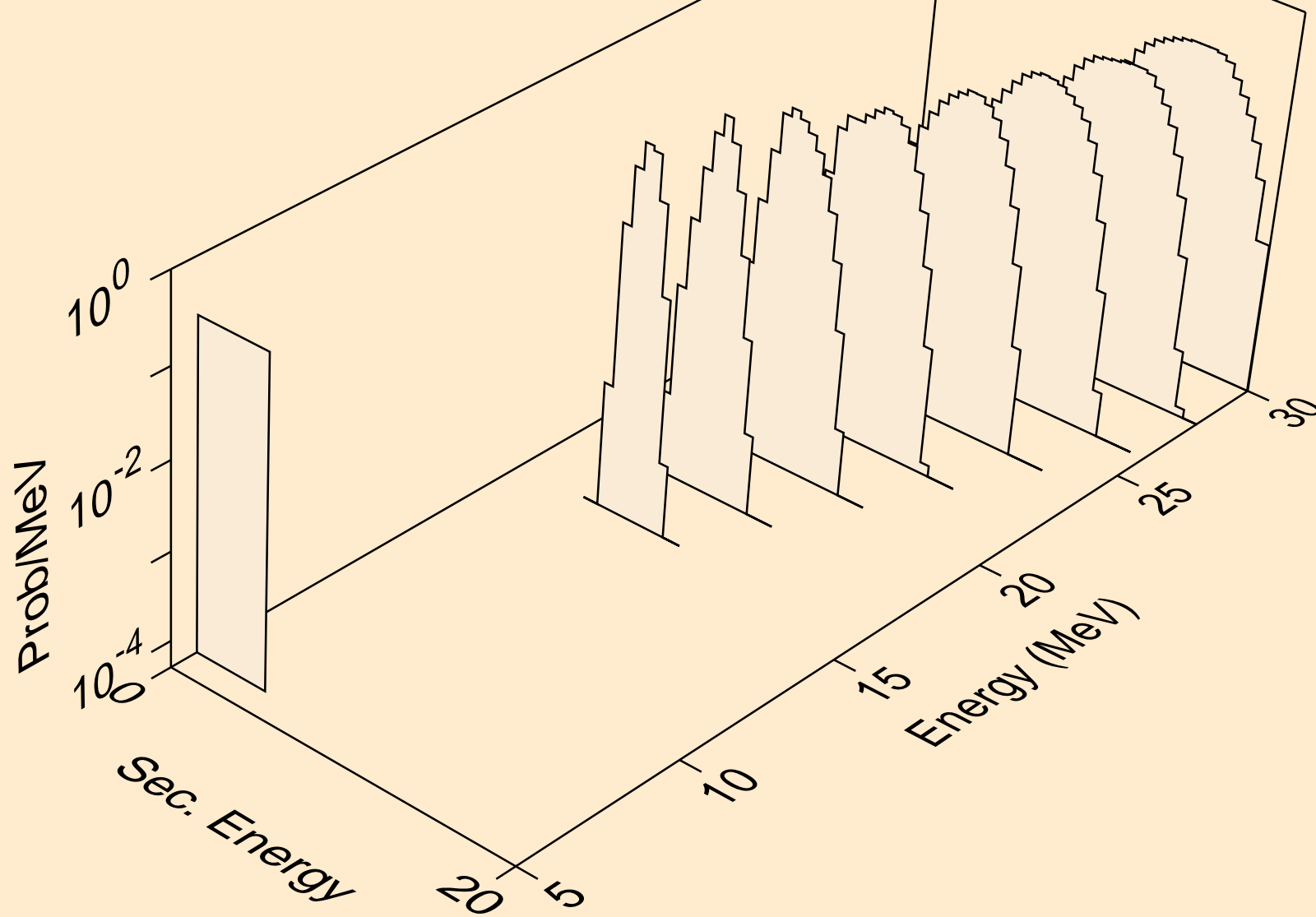
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



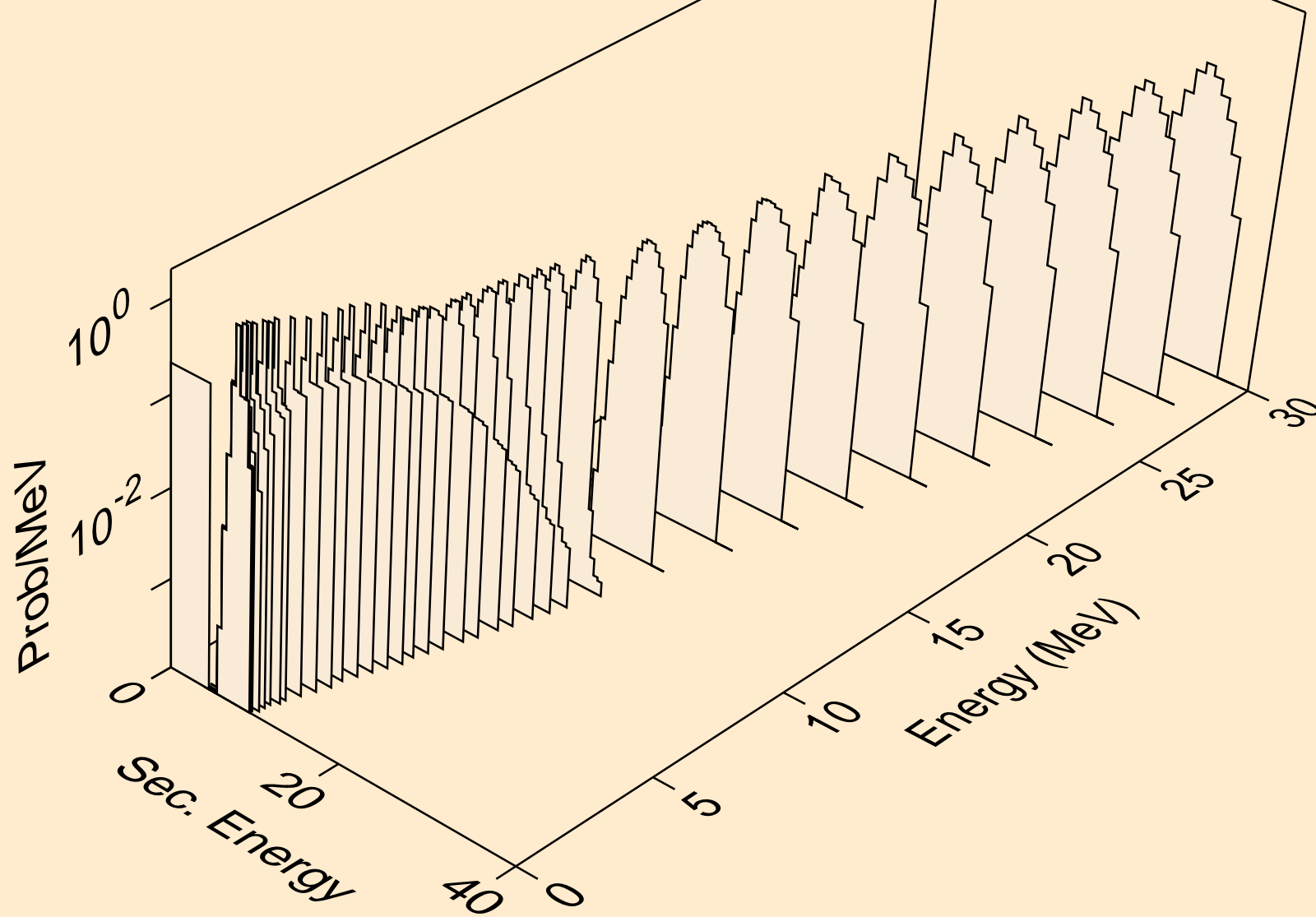
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



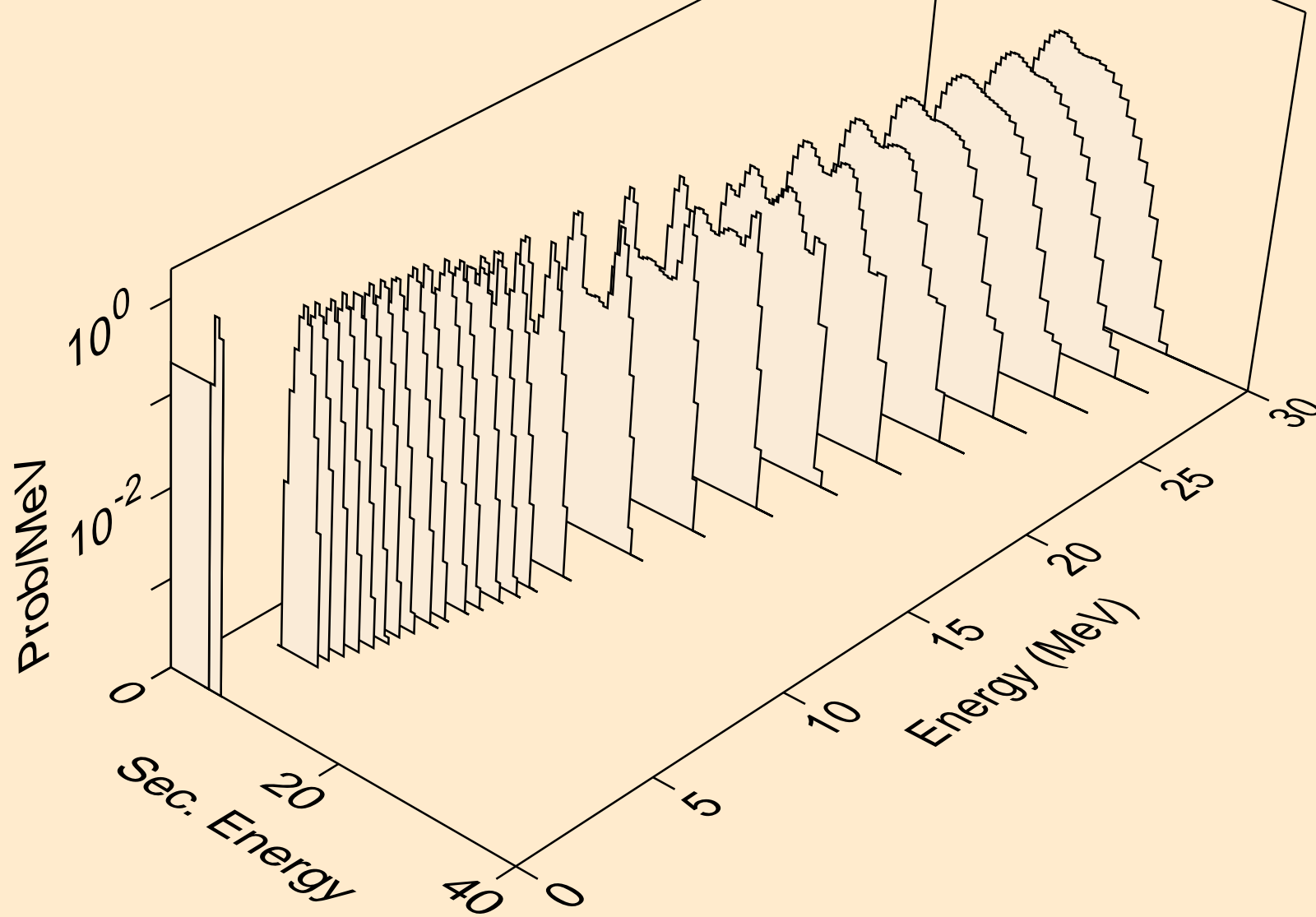
GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

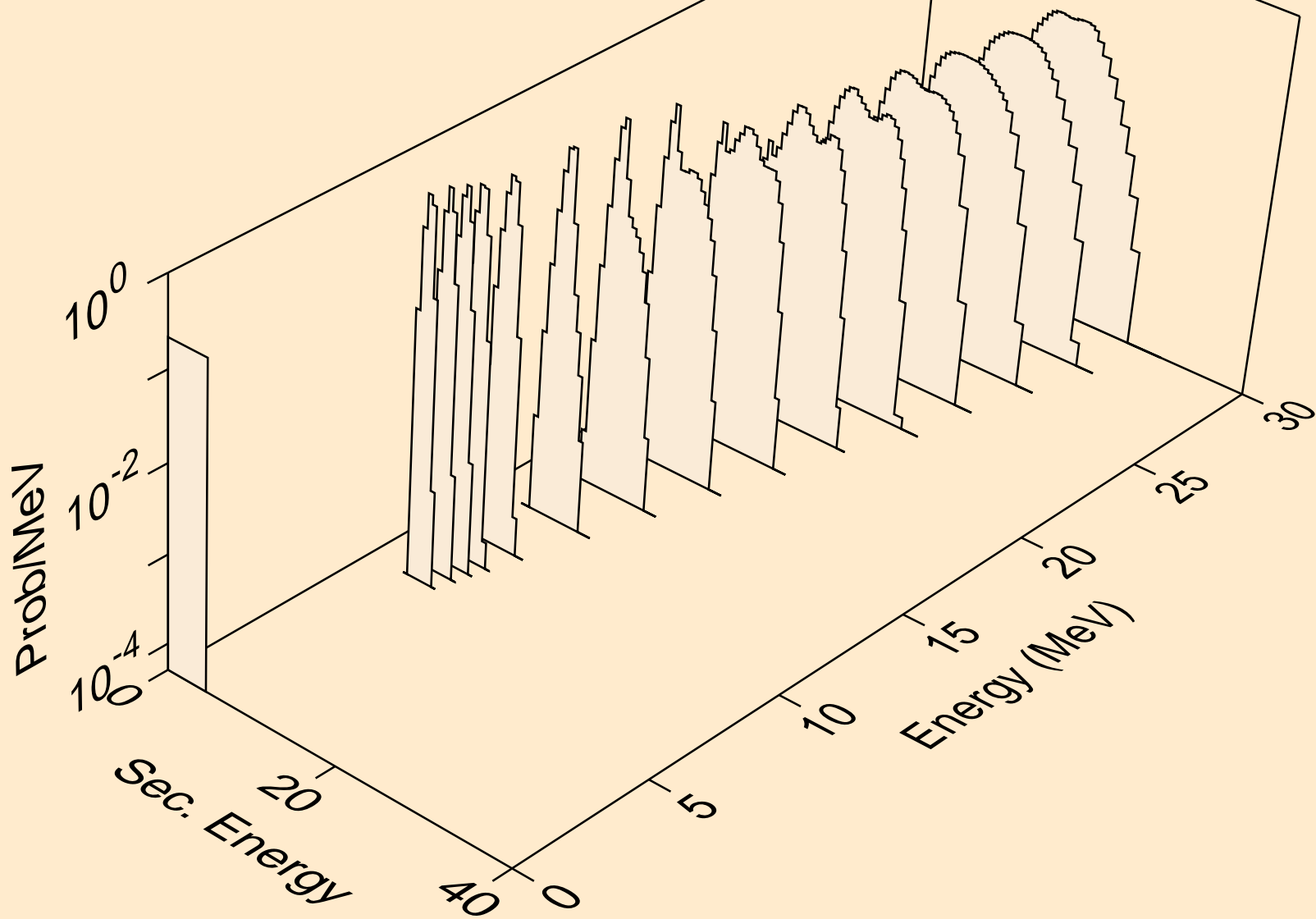


GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)





GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



GD153 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

