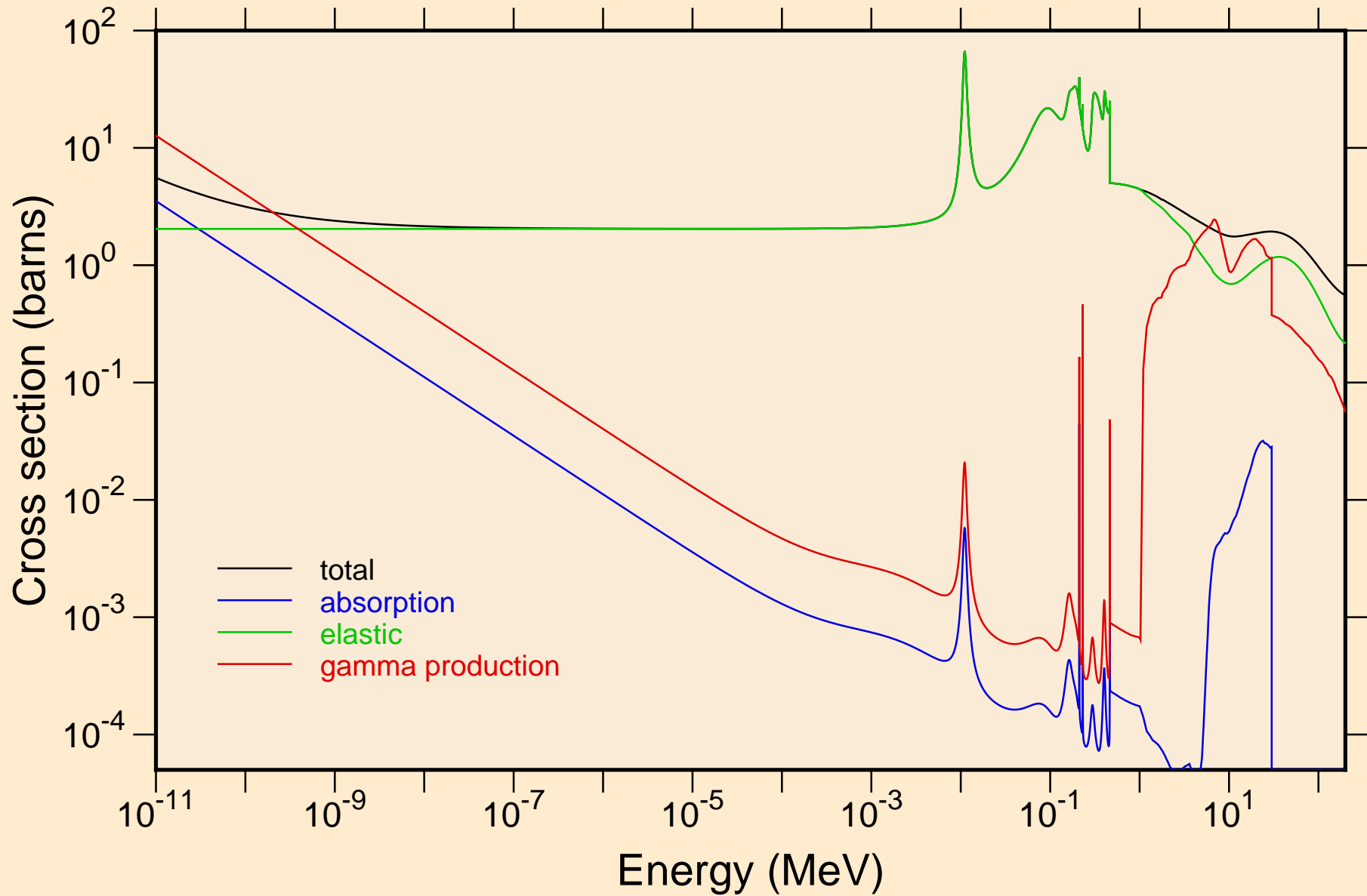
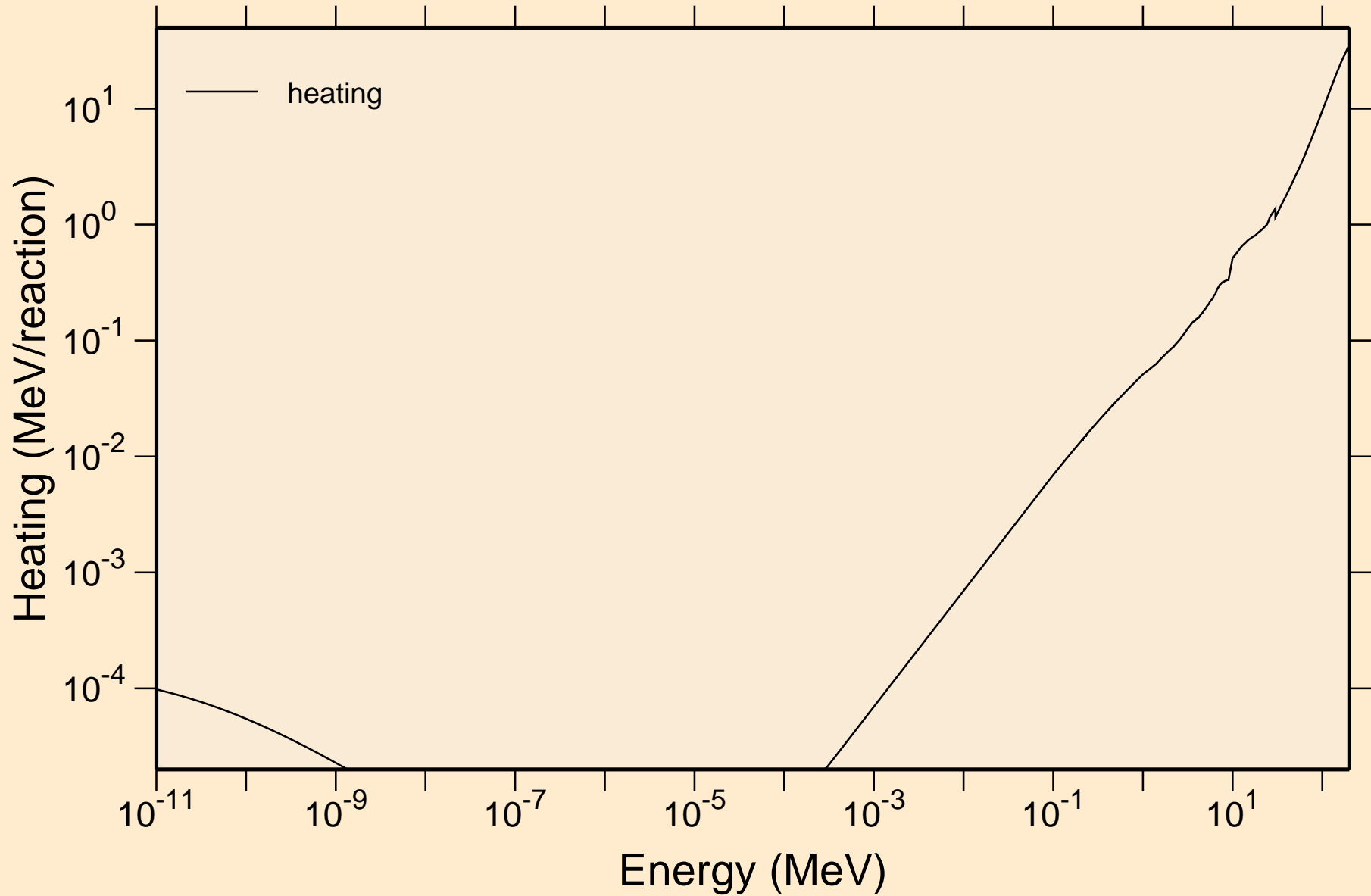


# MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

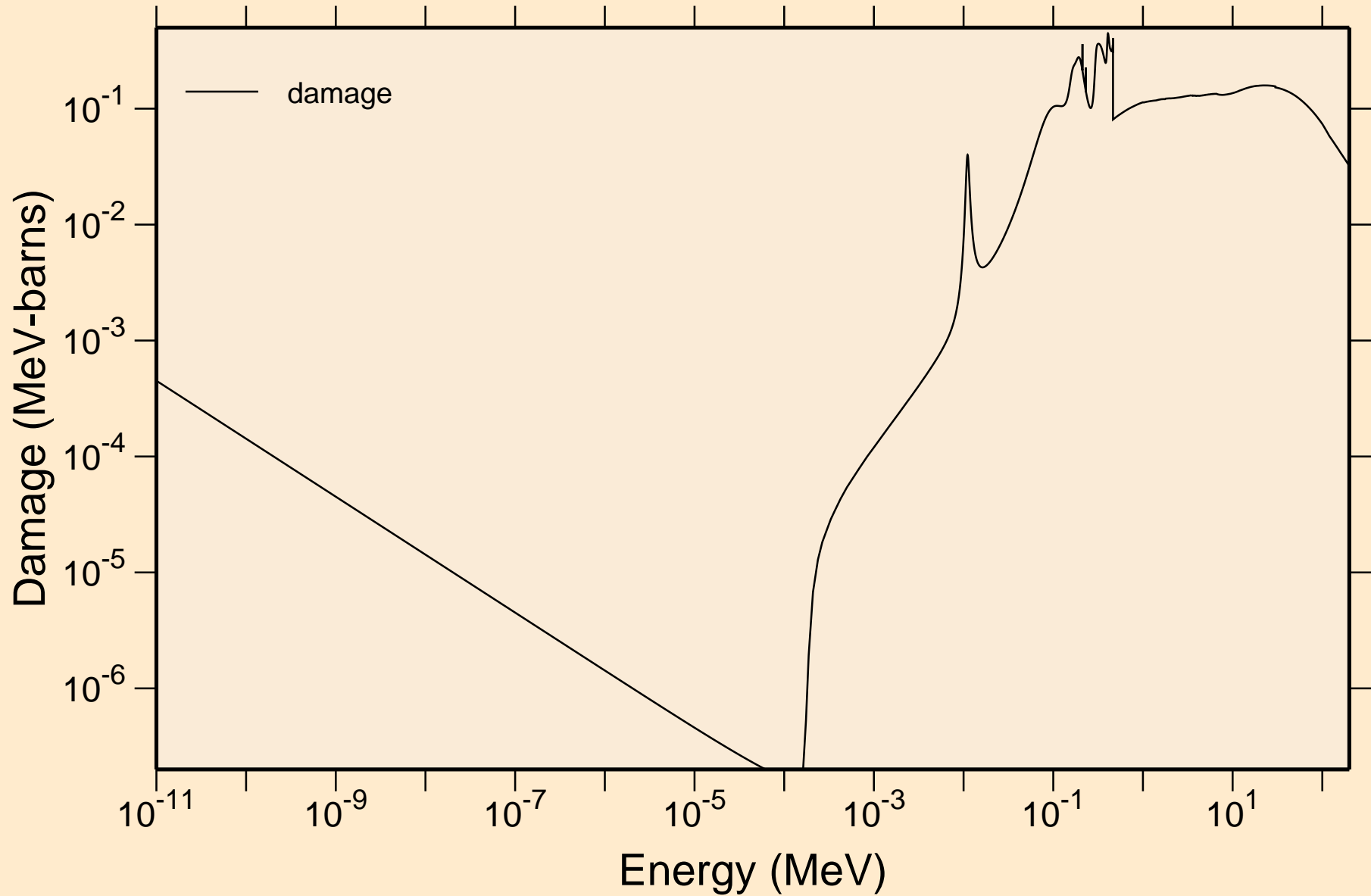


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

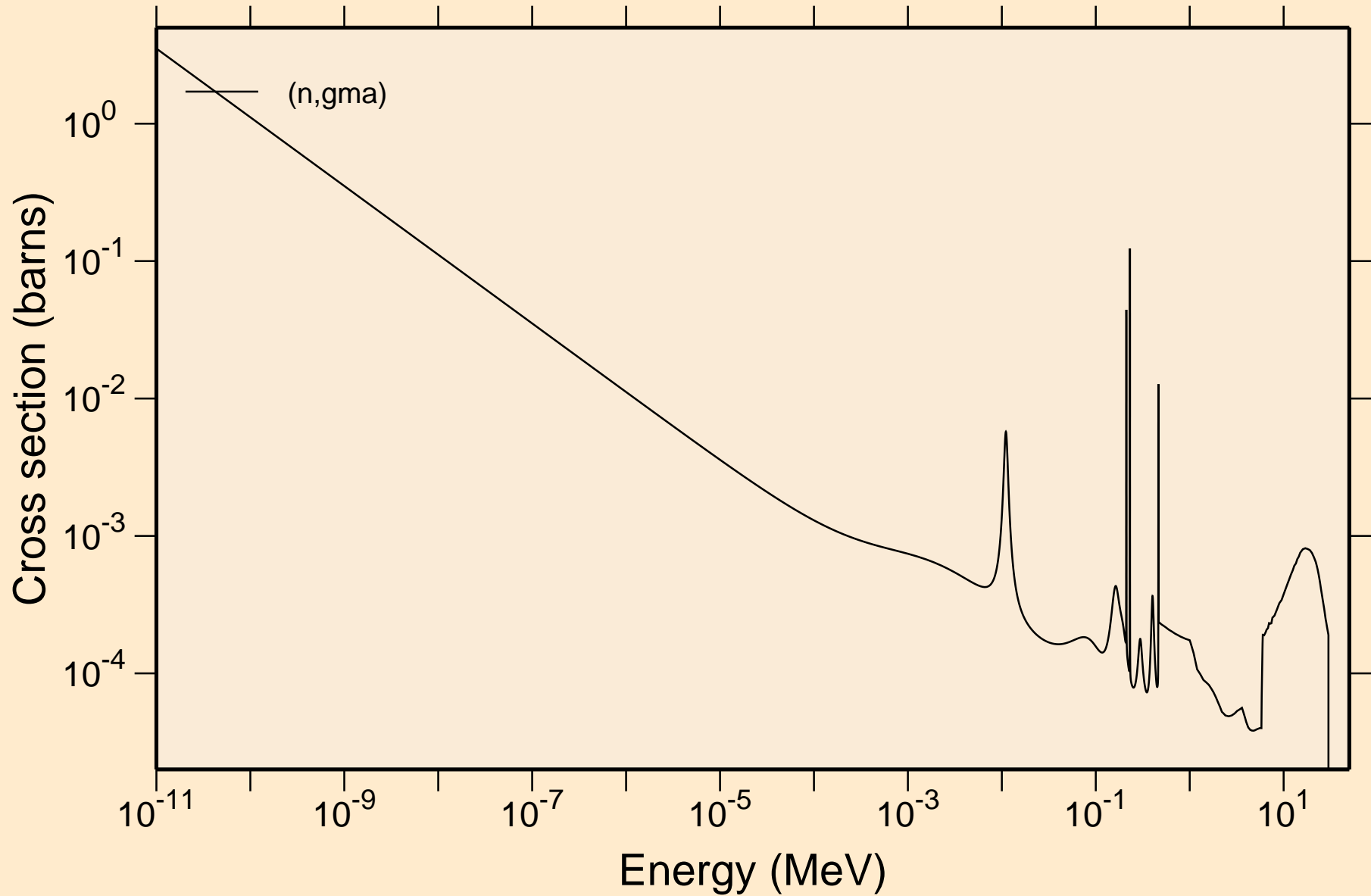


# MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

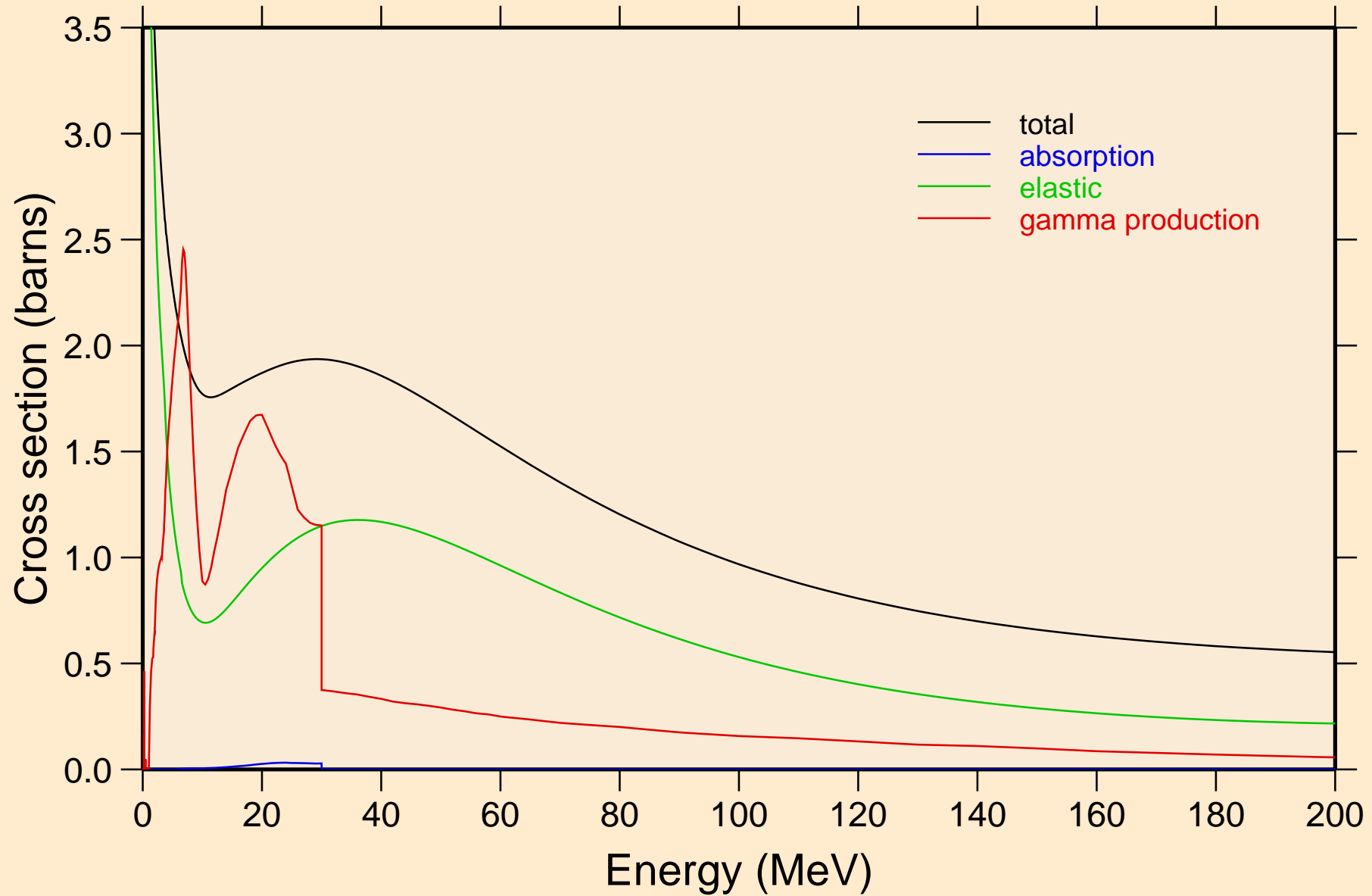


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



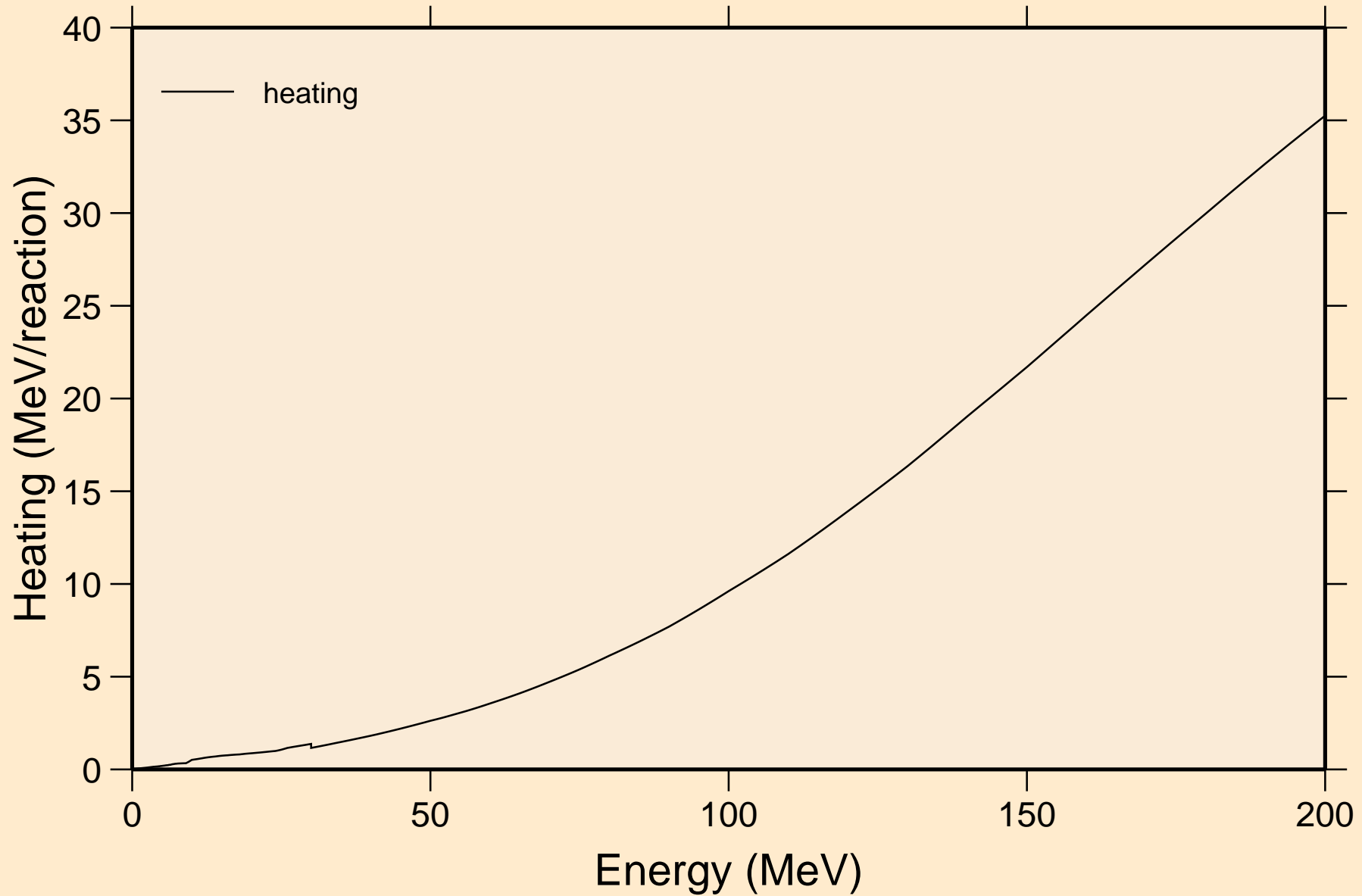
# MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



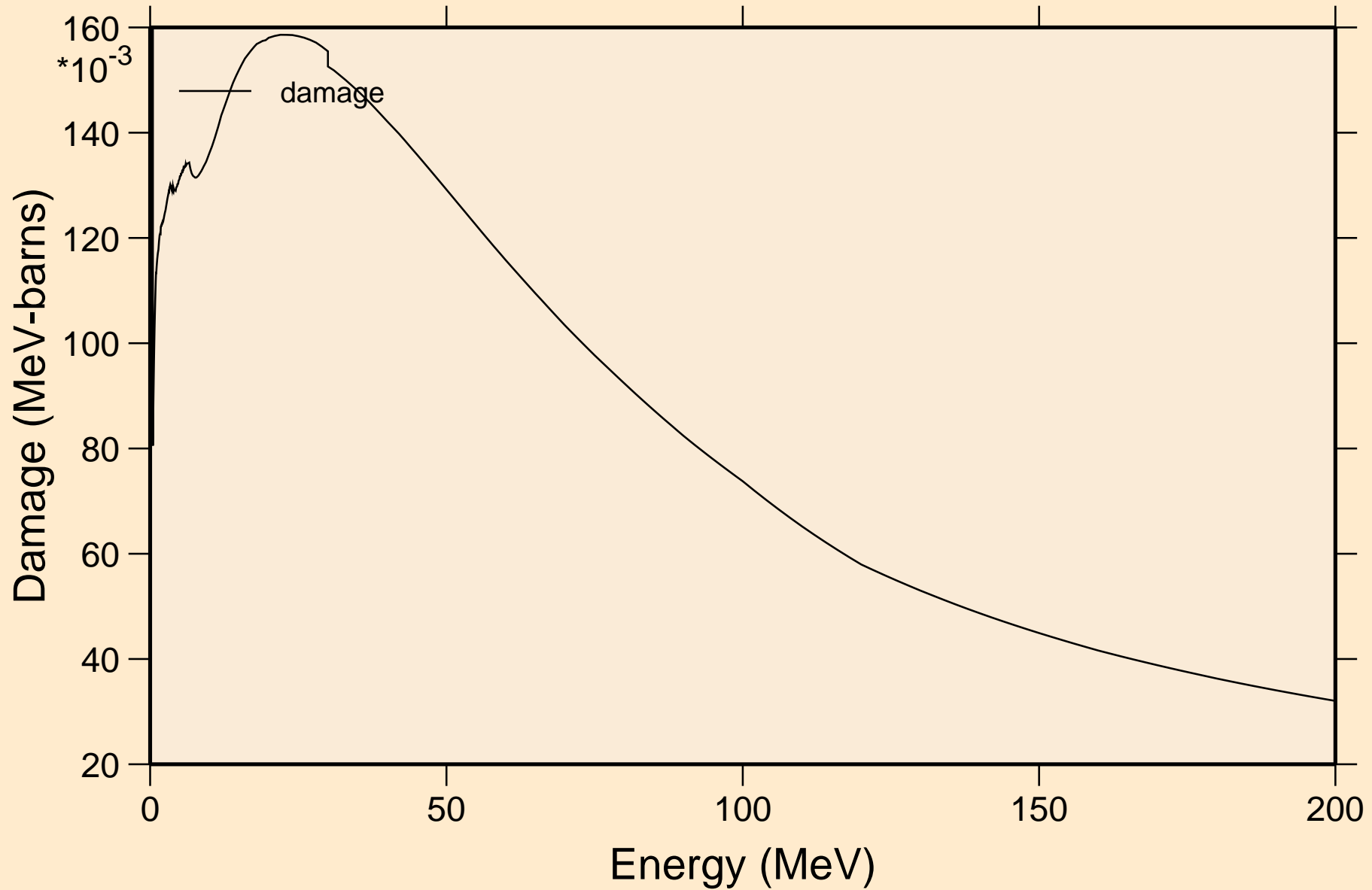
# MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

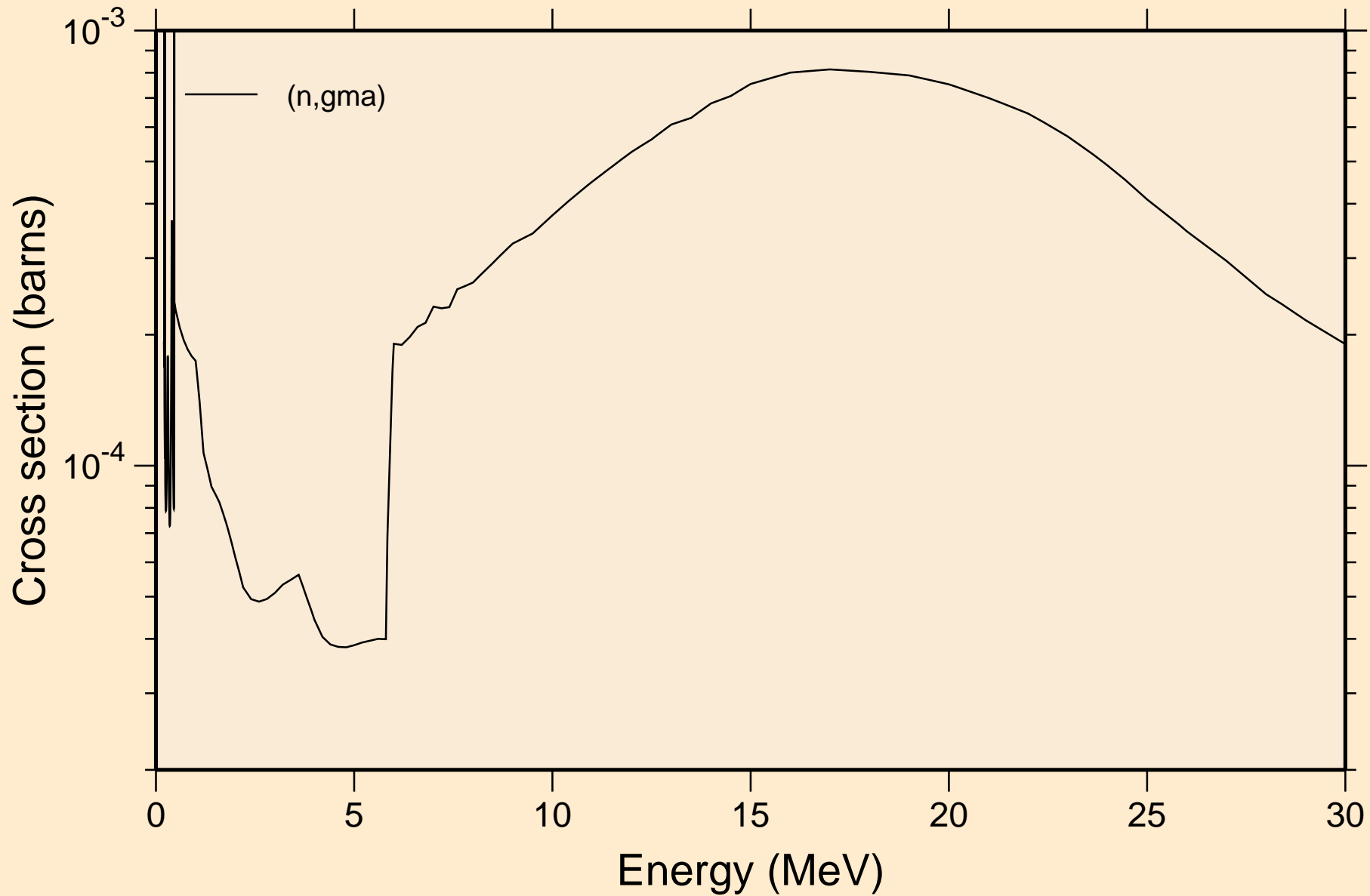


# MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

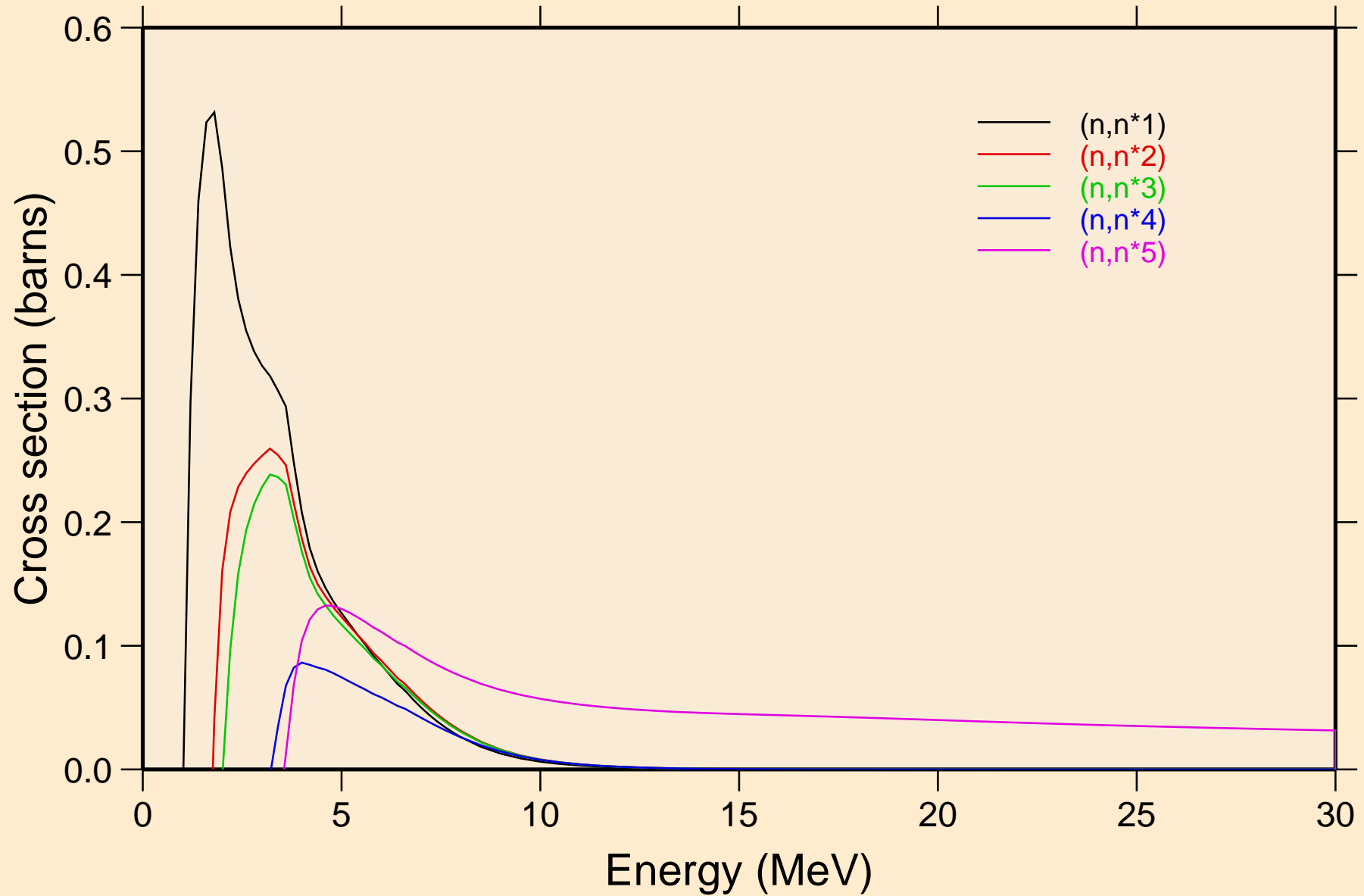


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

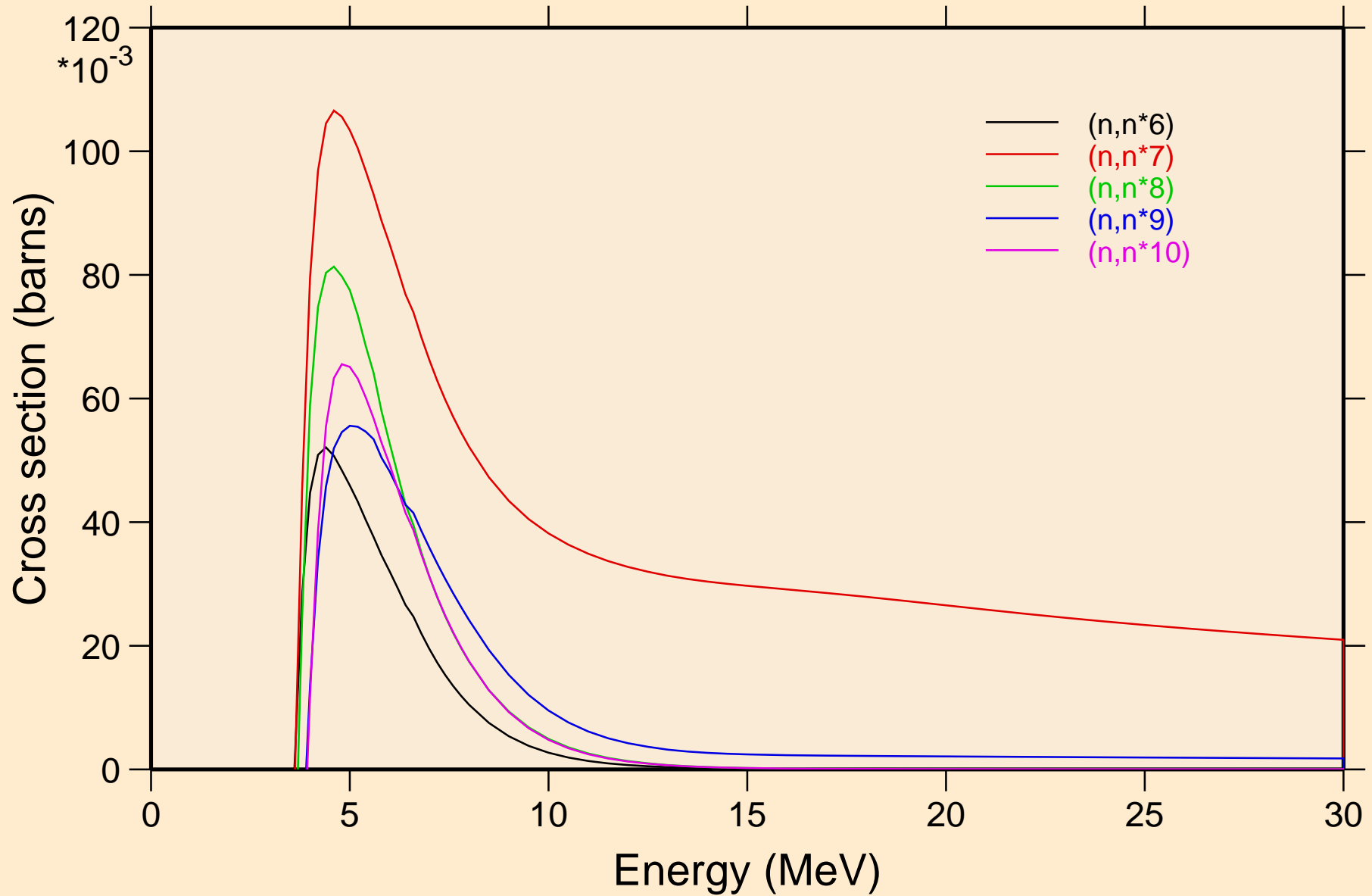




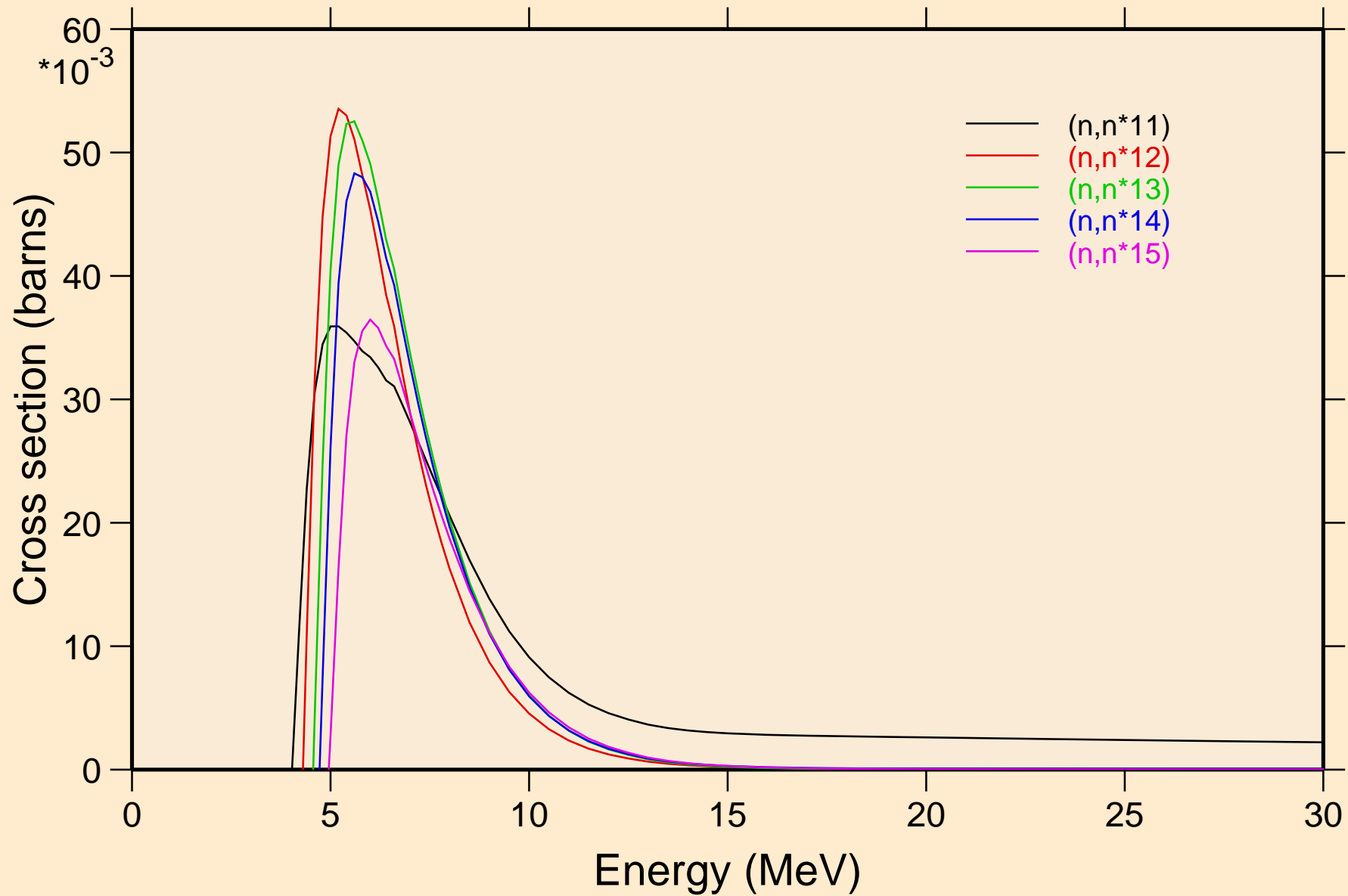
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



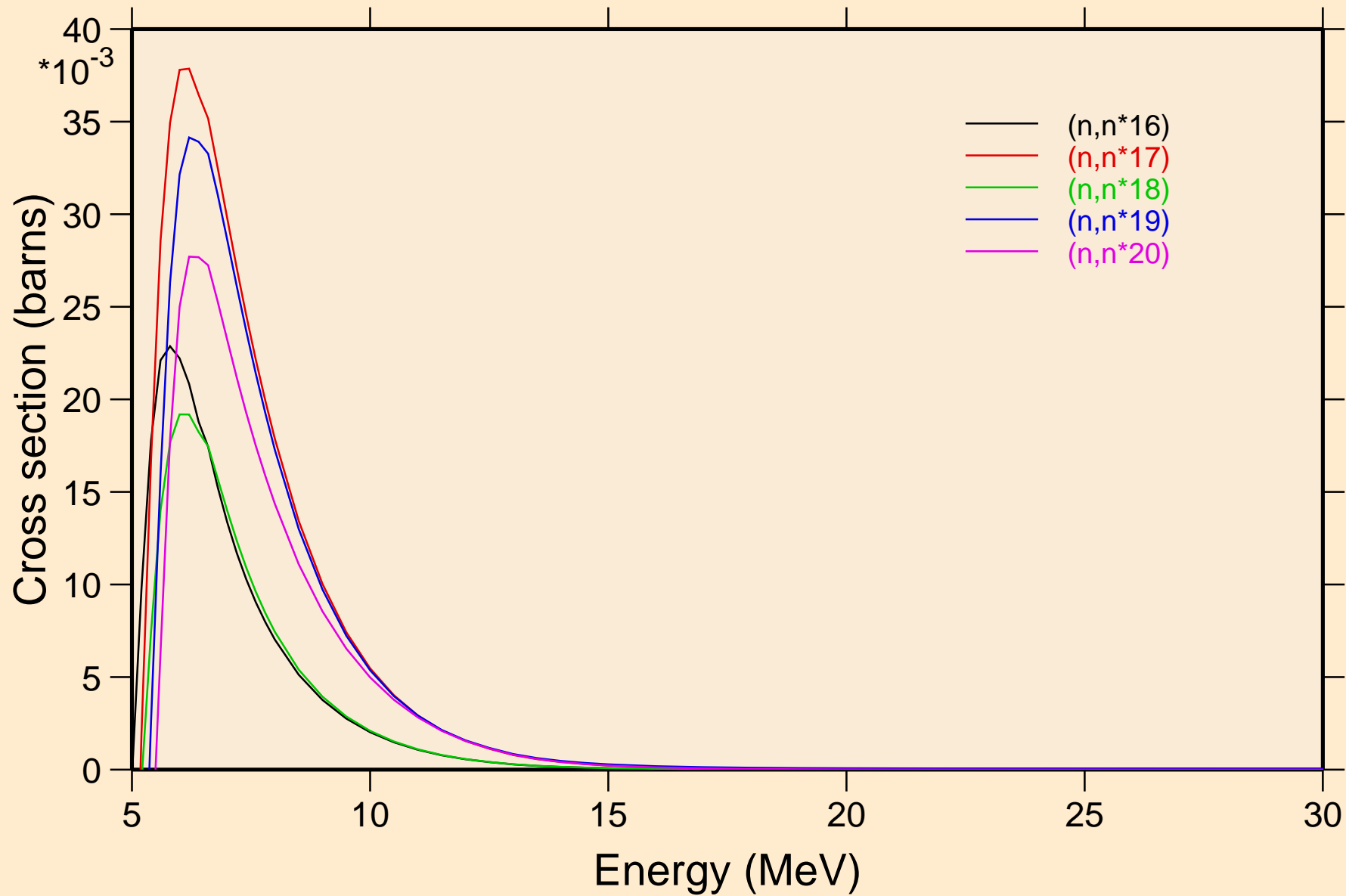
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



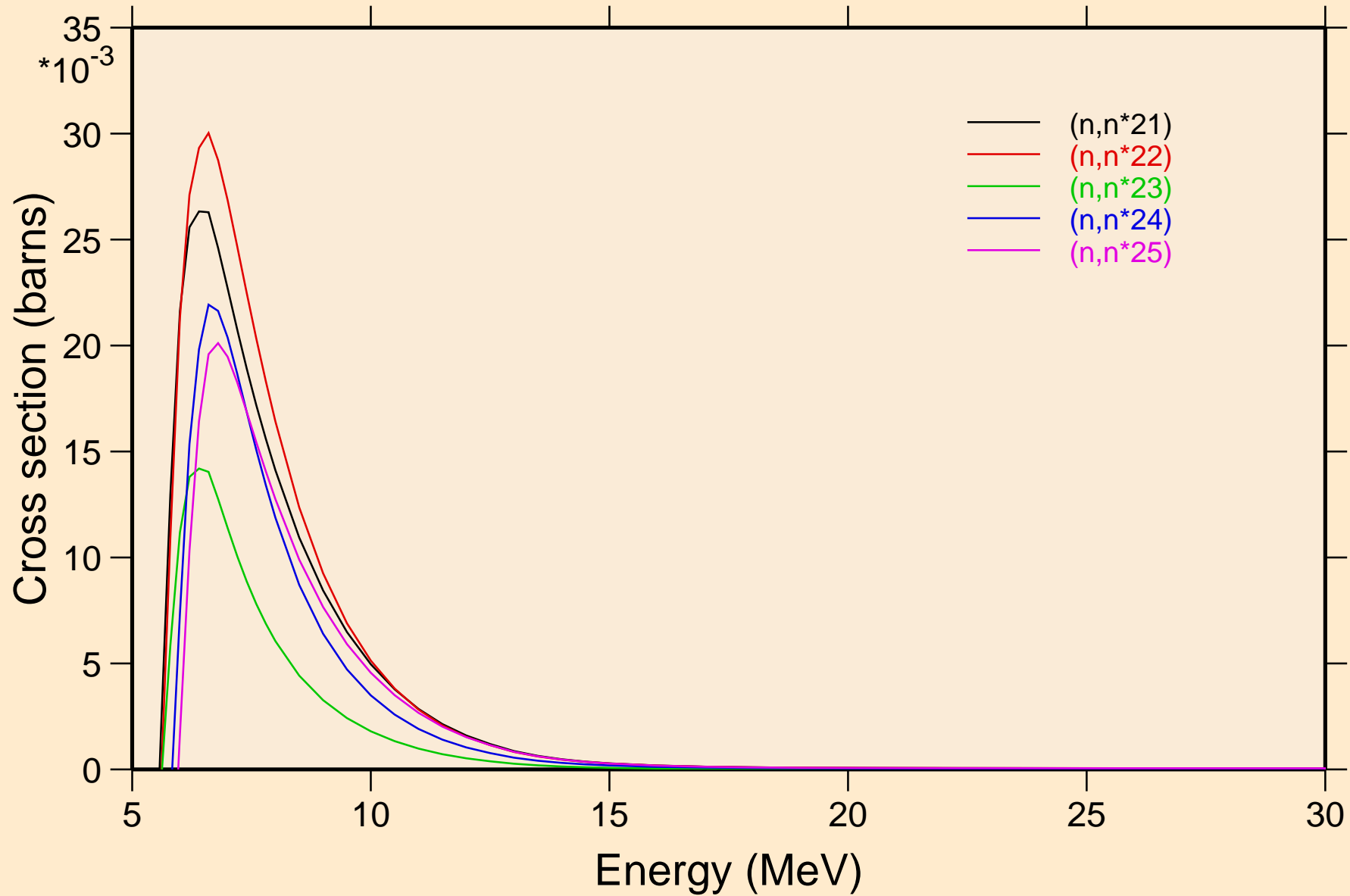
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



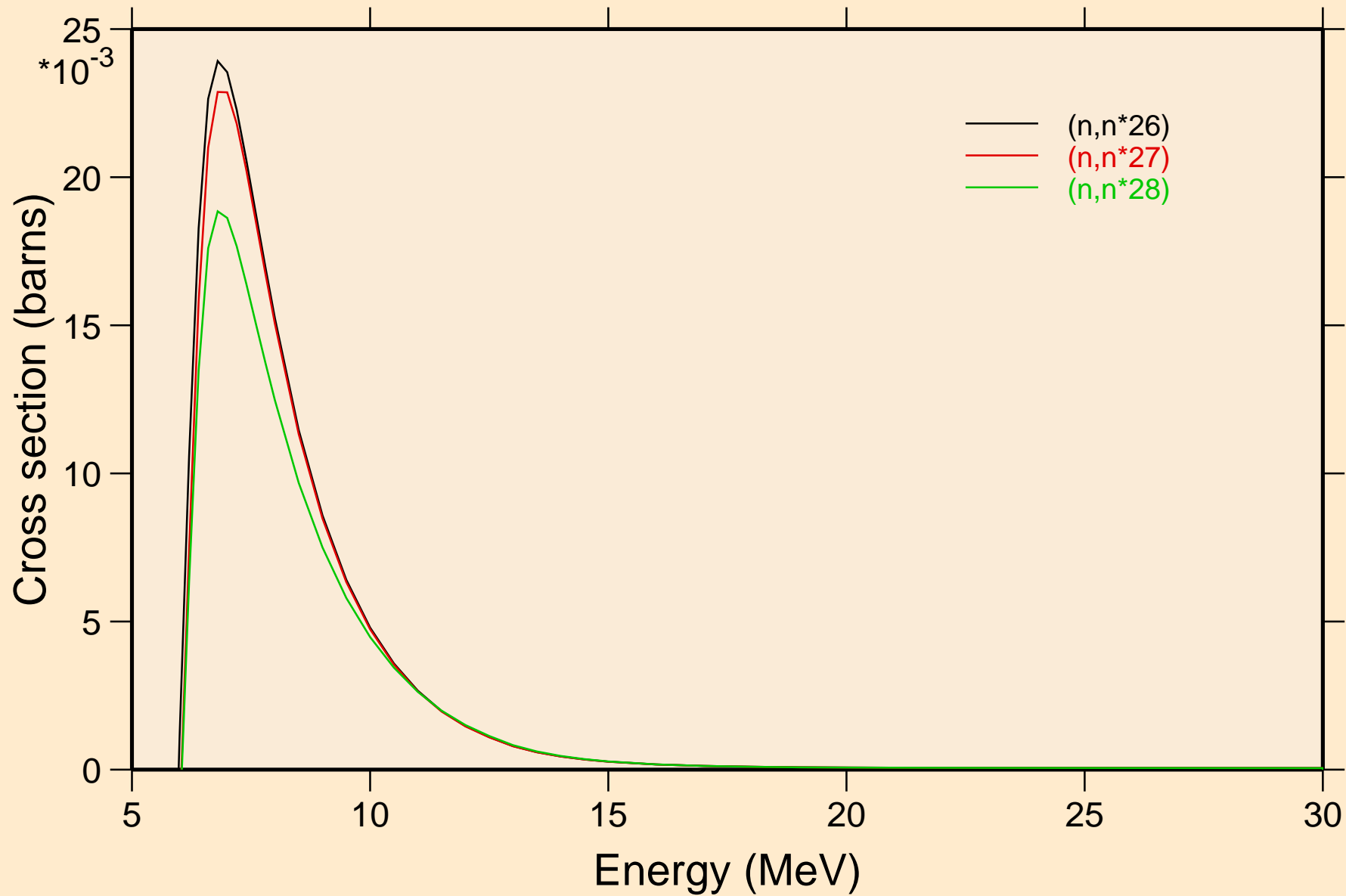
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

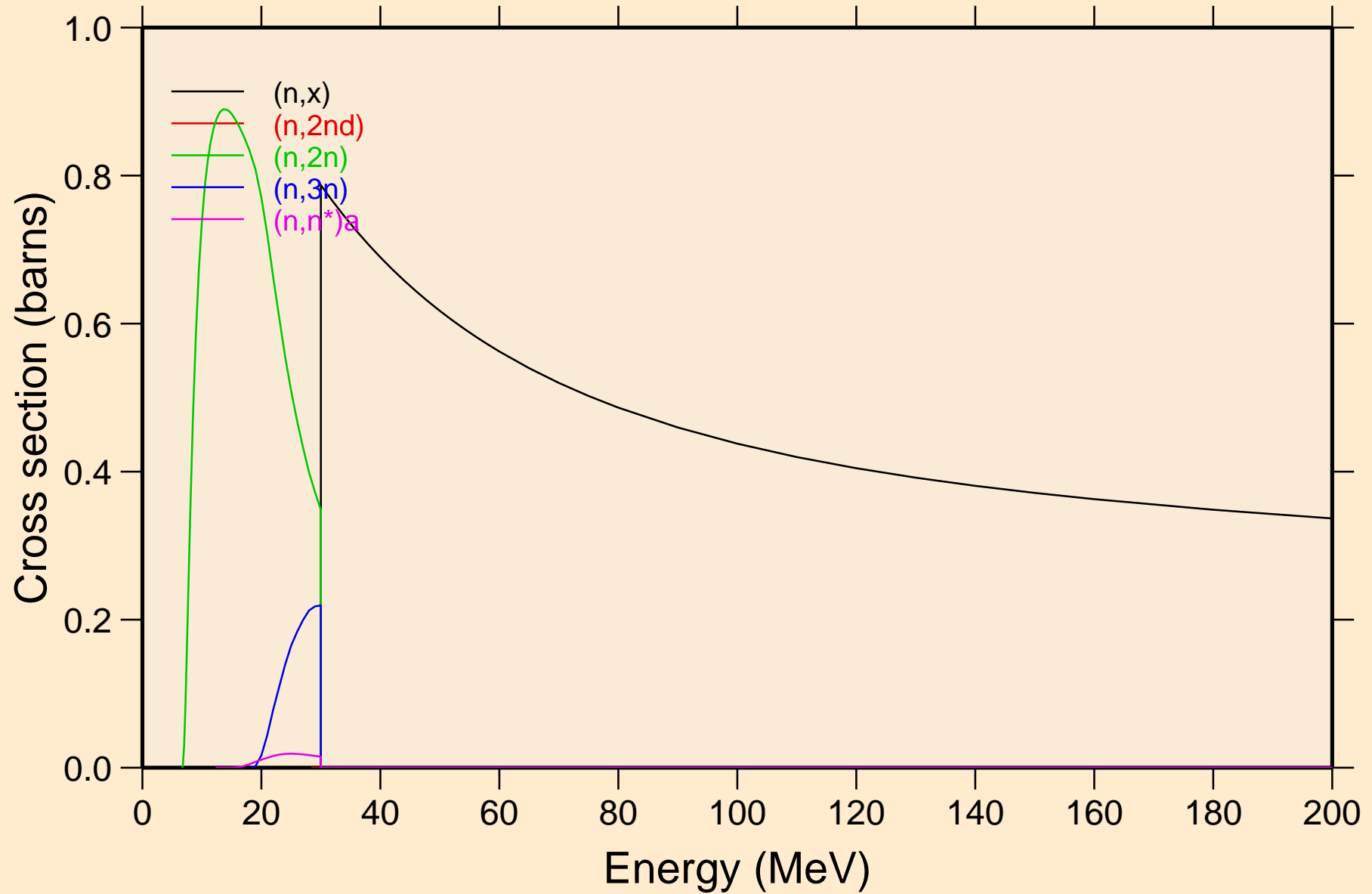


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



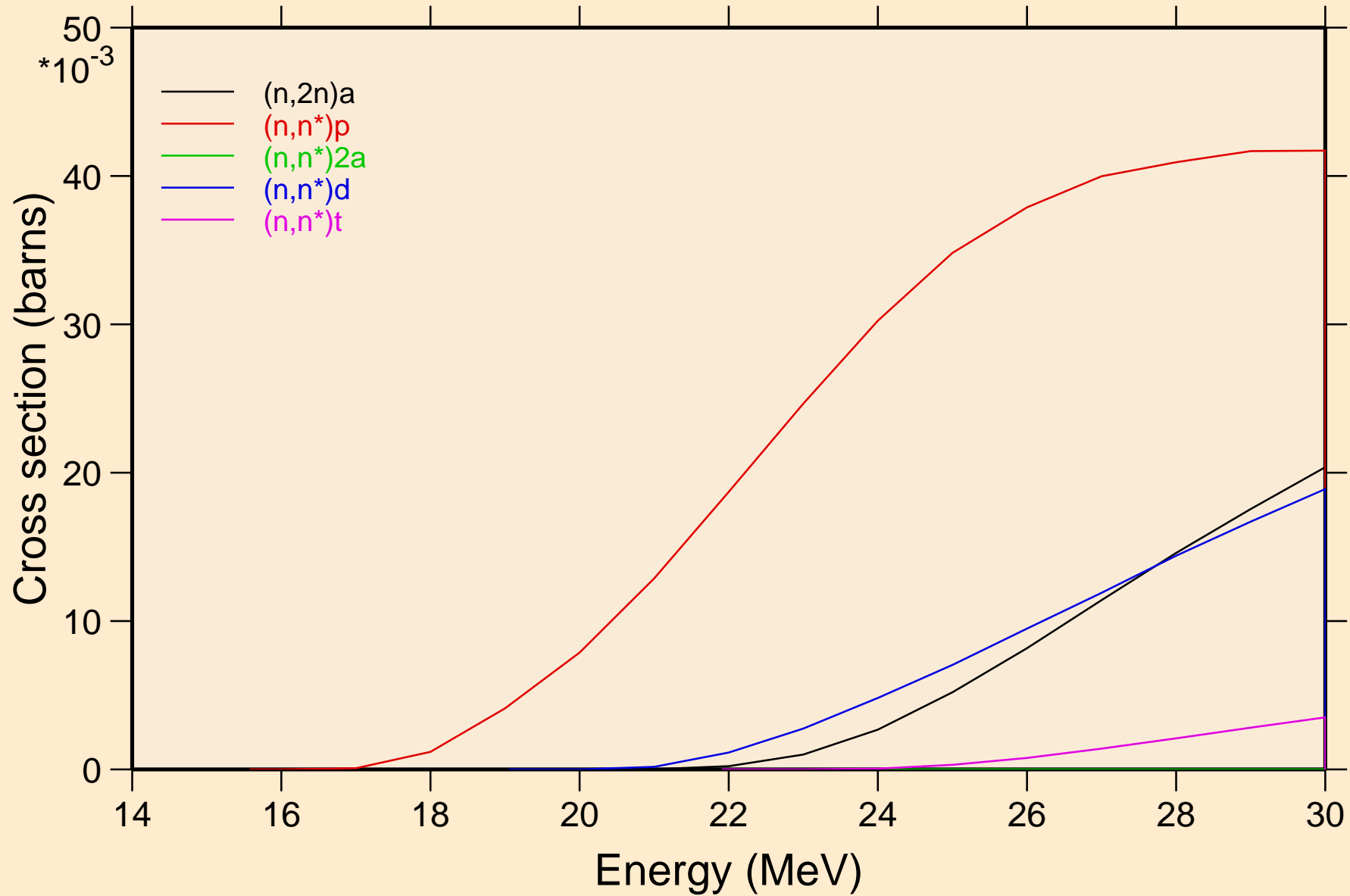
# MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

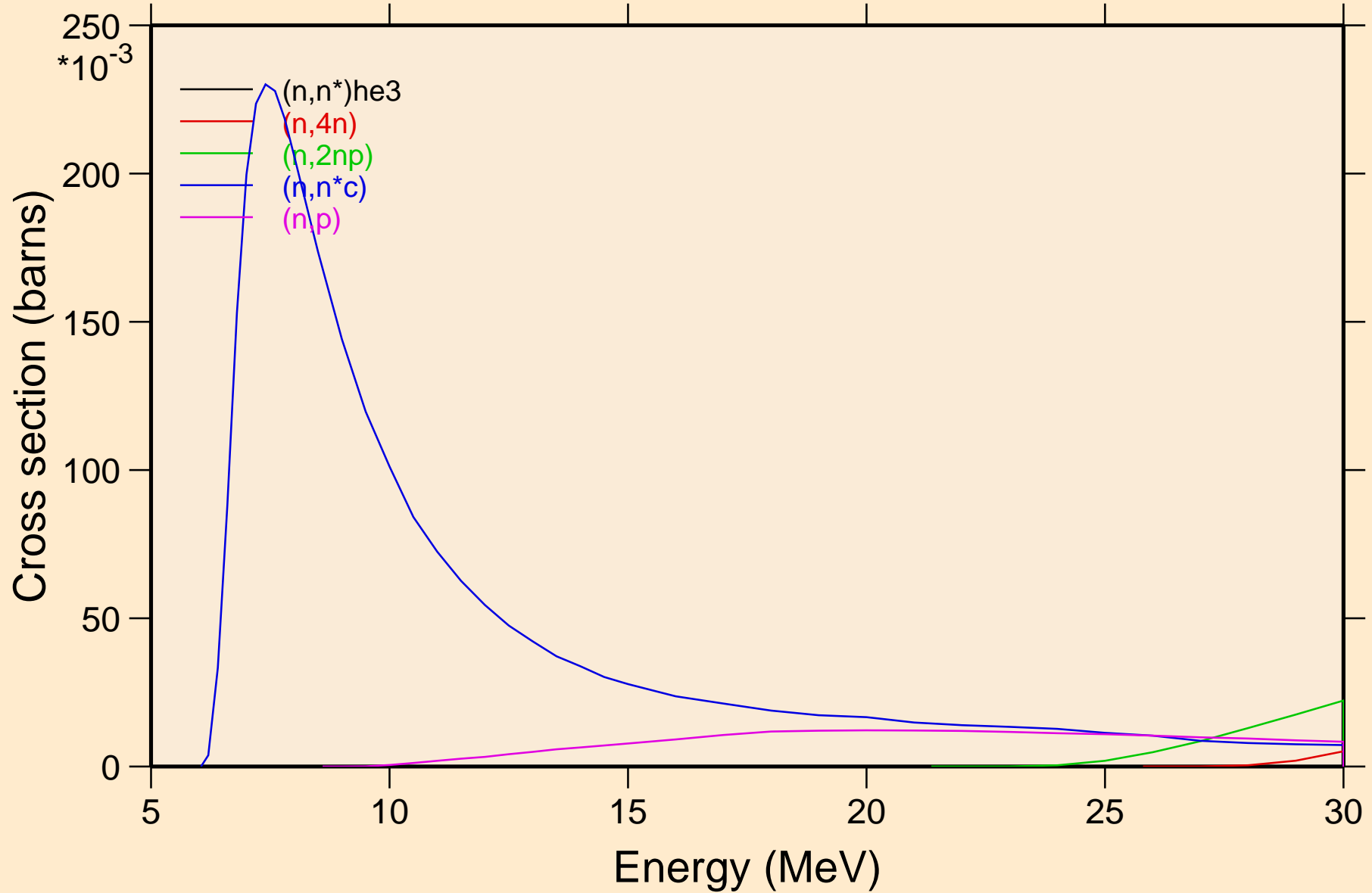
## Threshold reactions



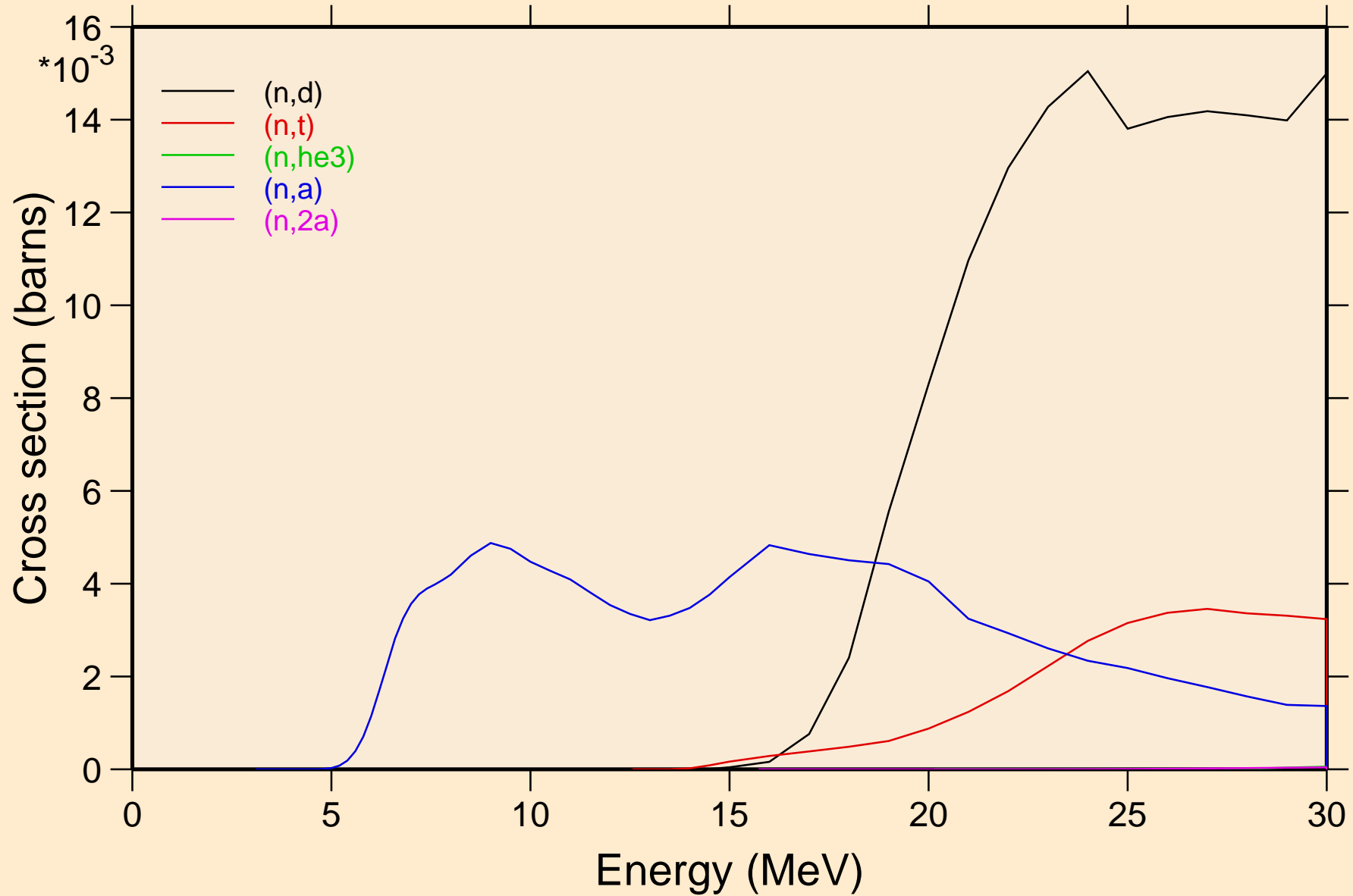


# MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

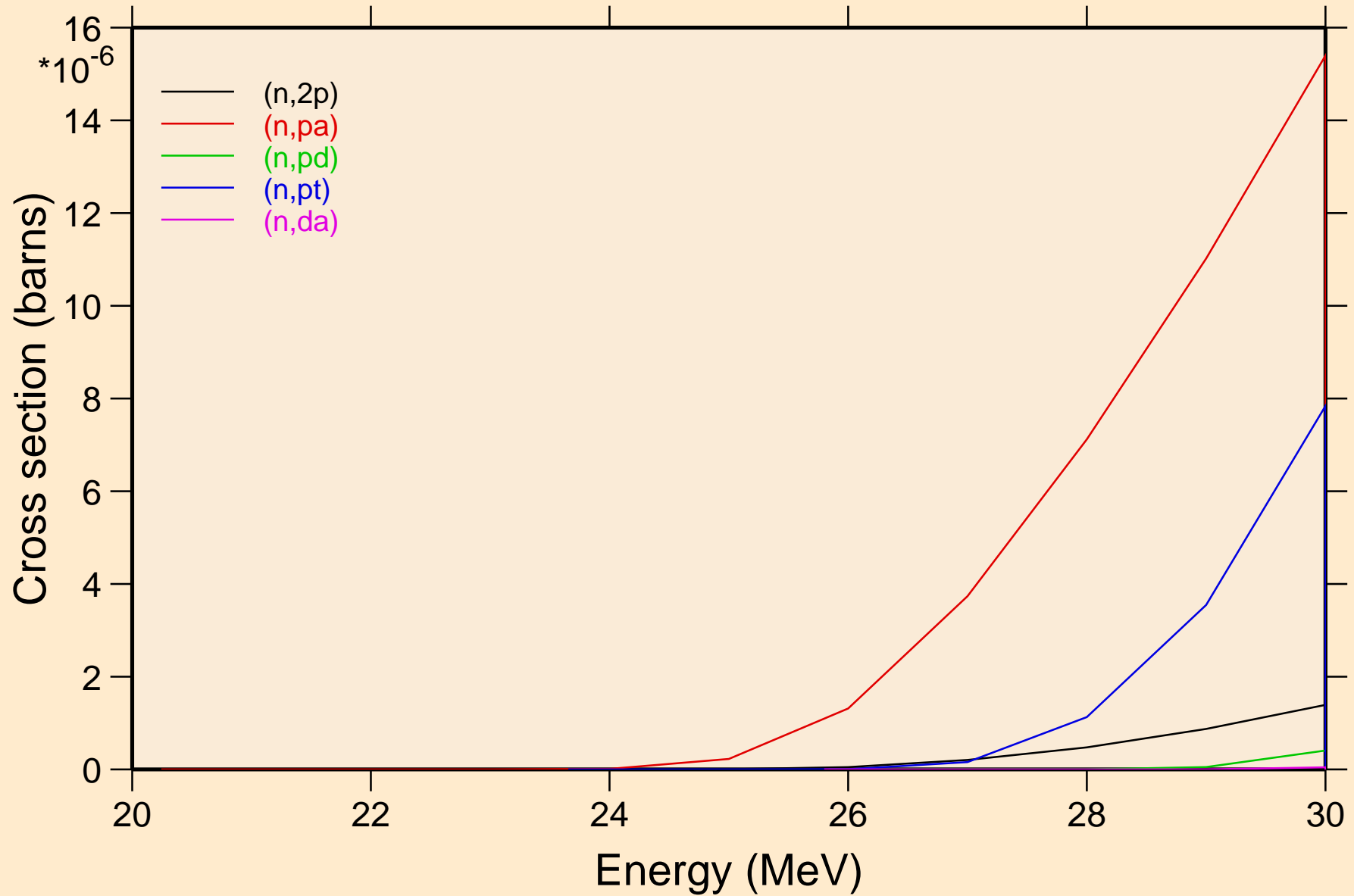


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



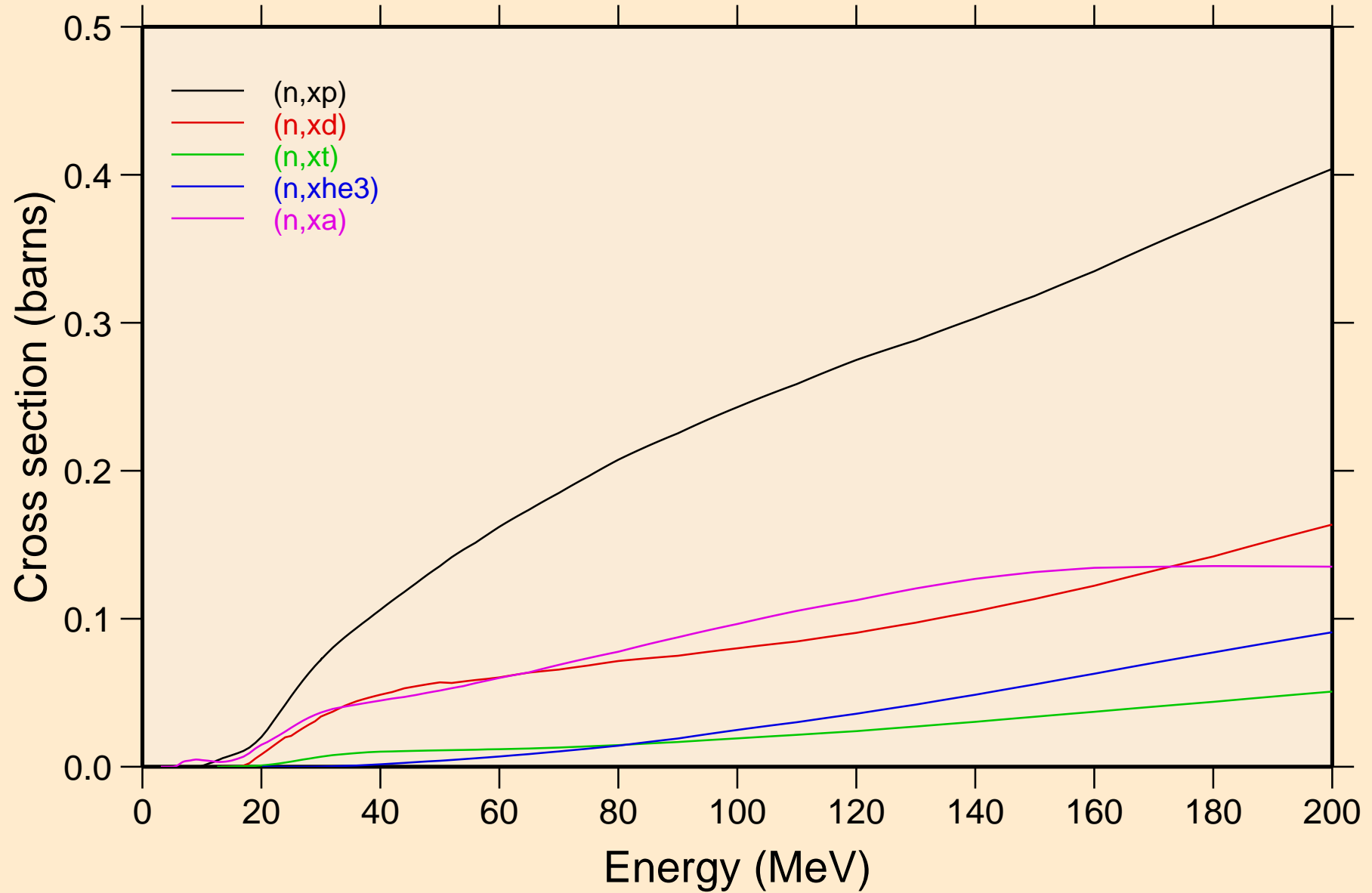
# MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

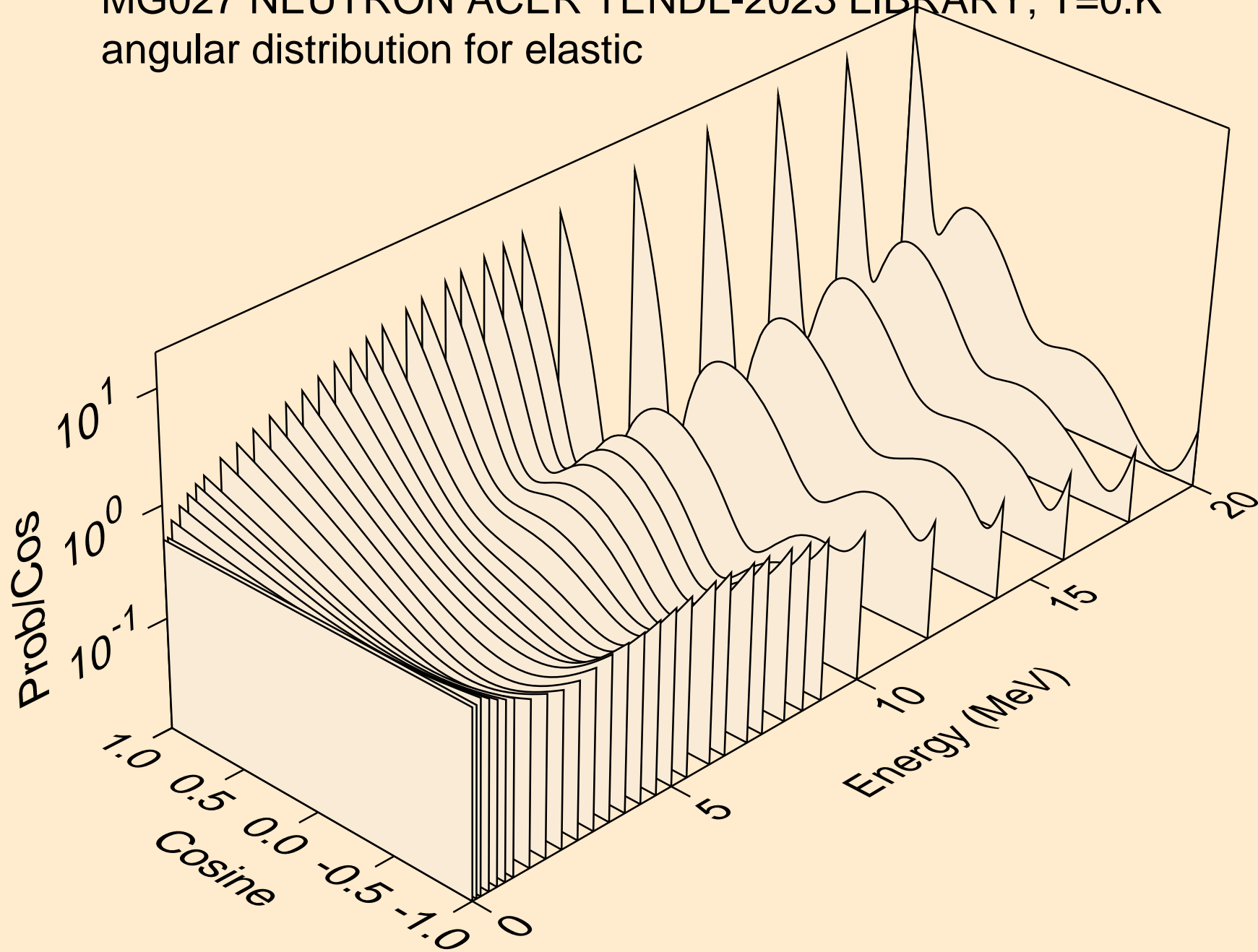


# MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

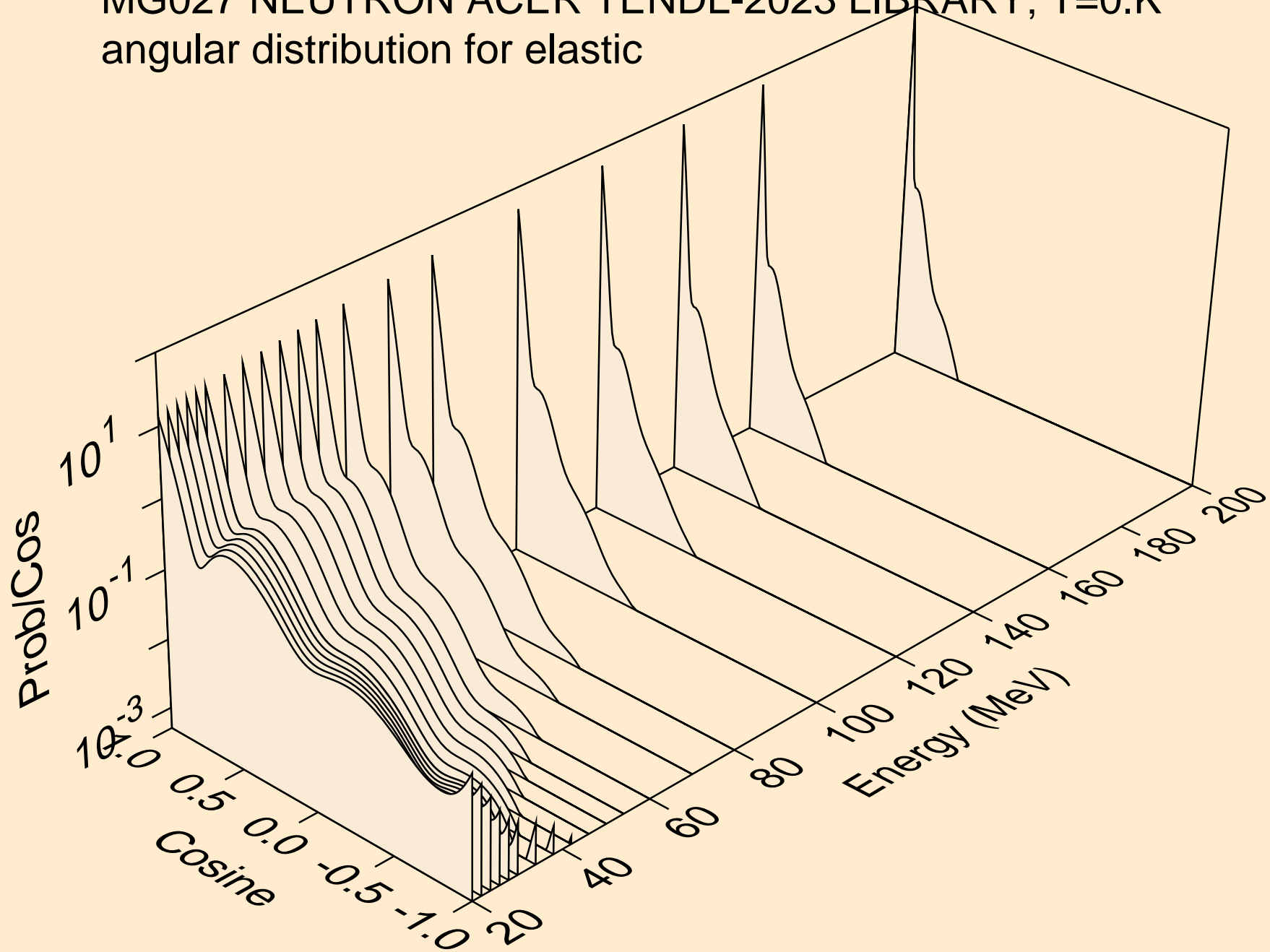
## Threshold reactions



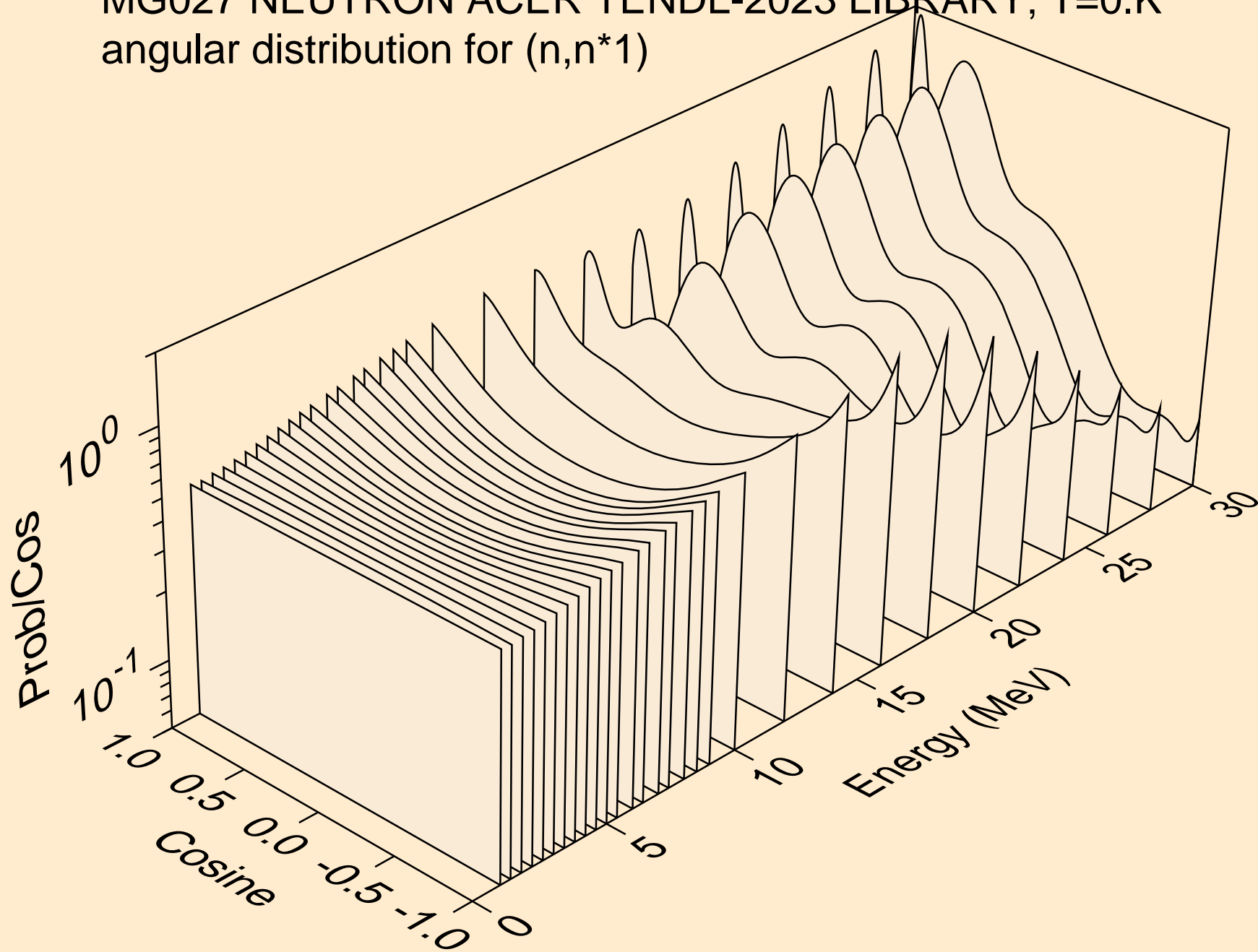
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



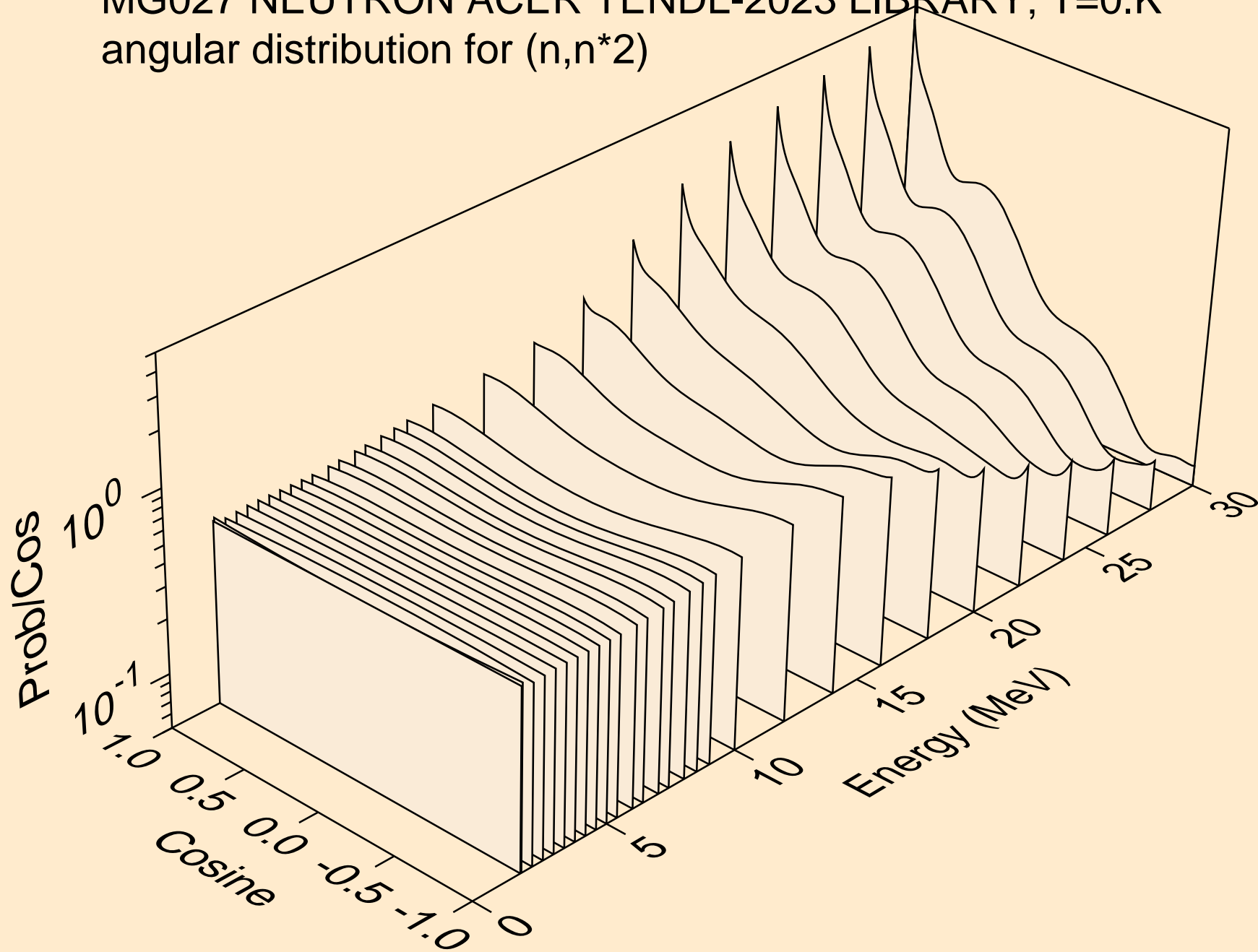
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

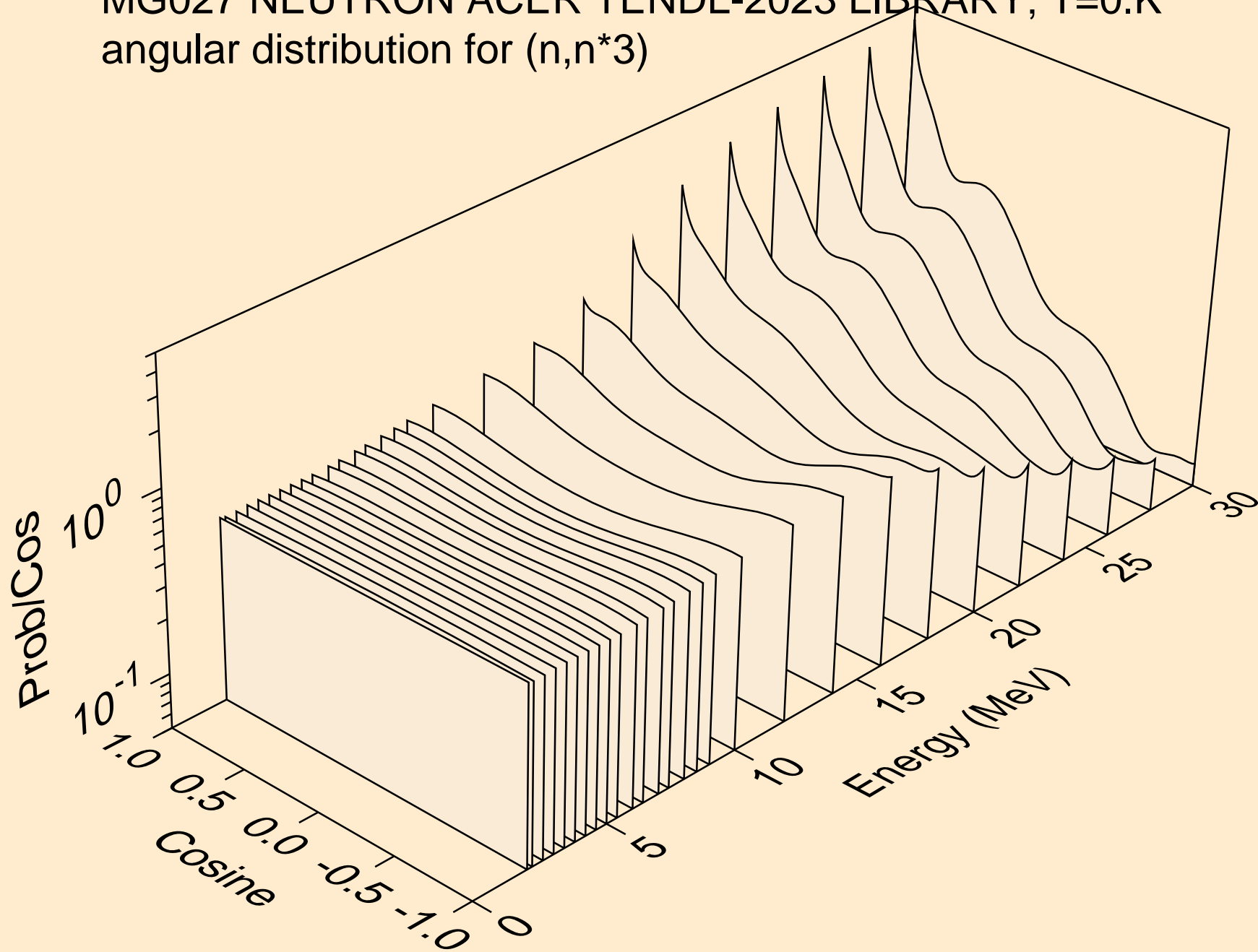


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

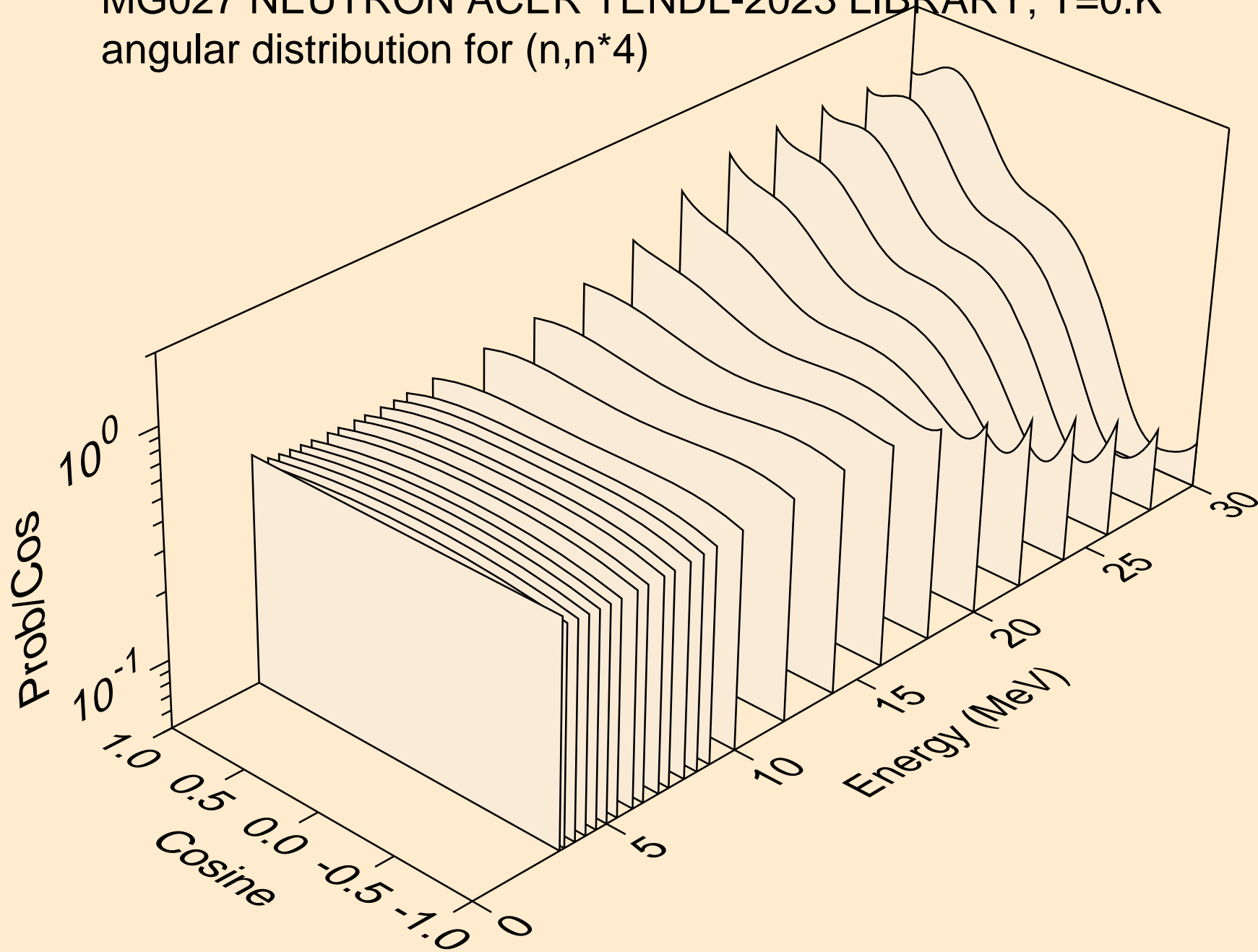




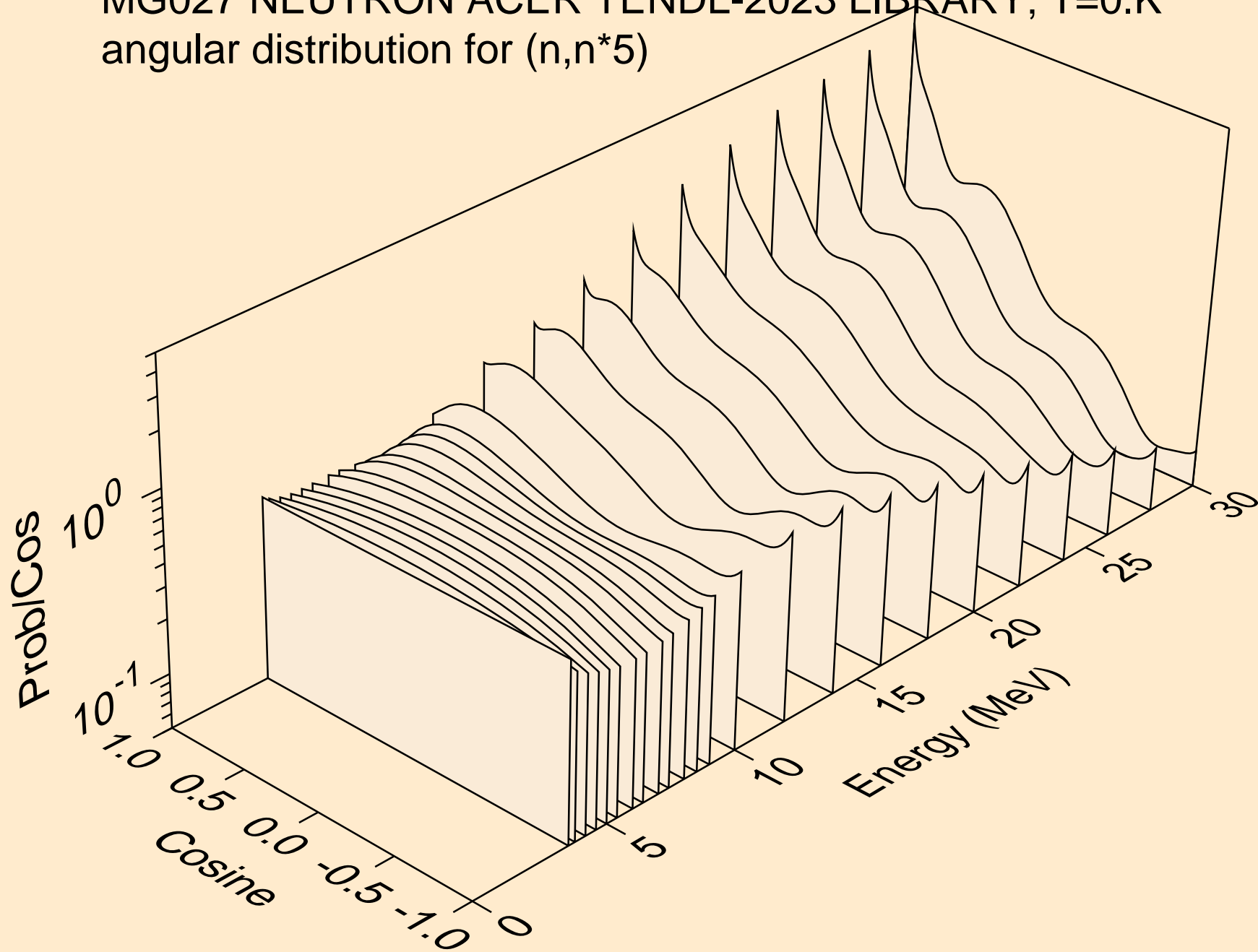
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



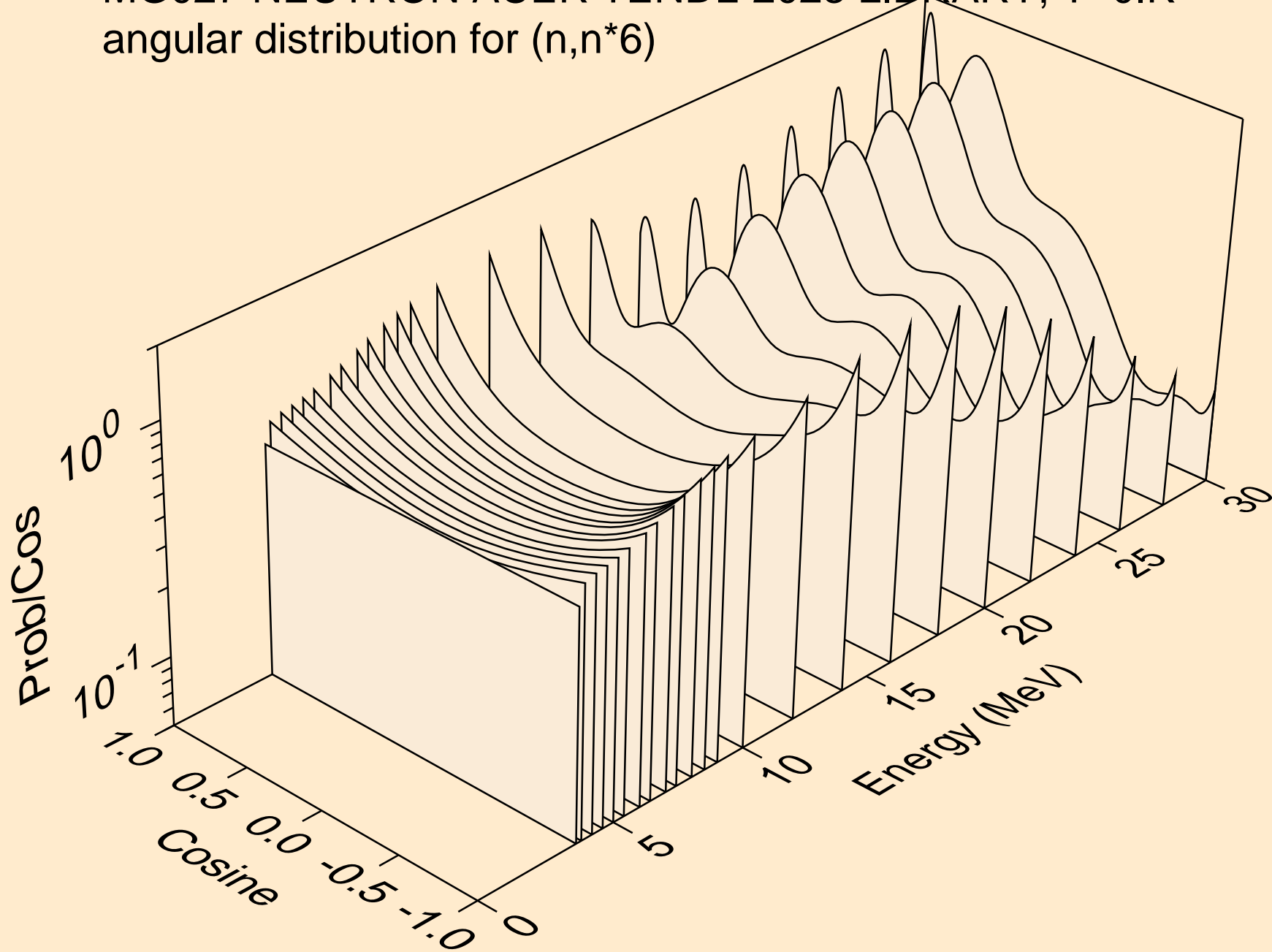
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



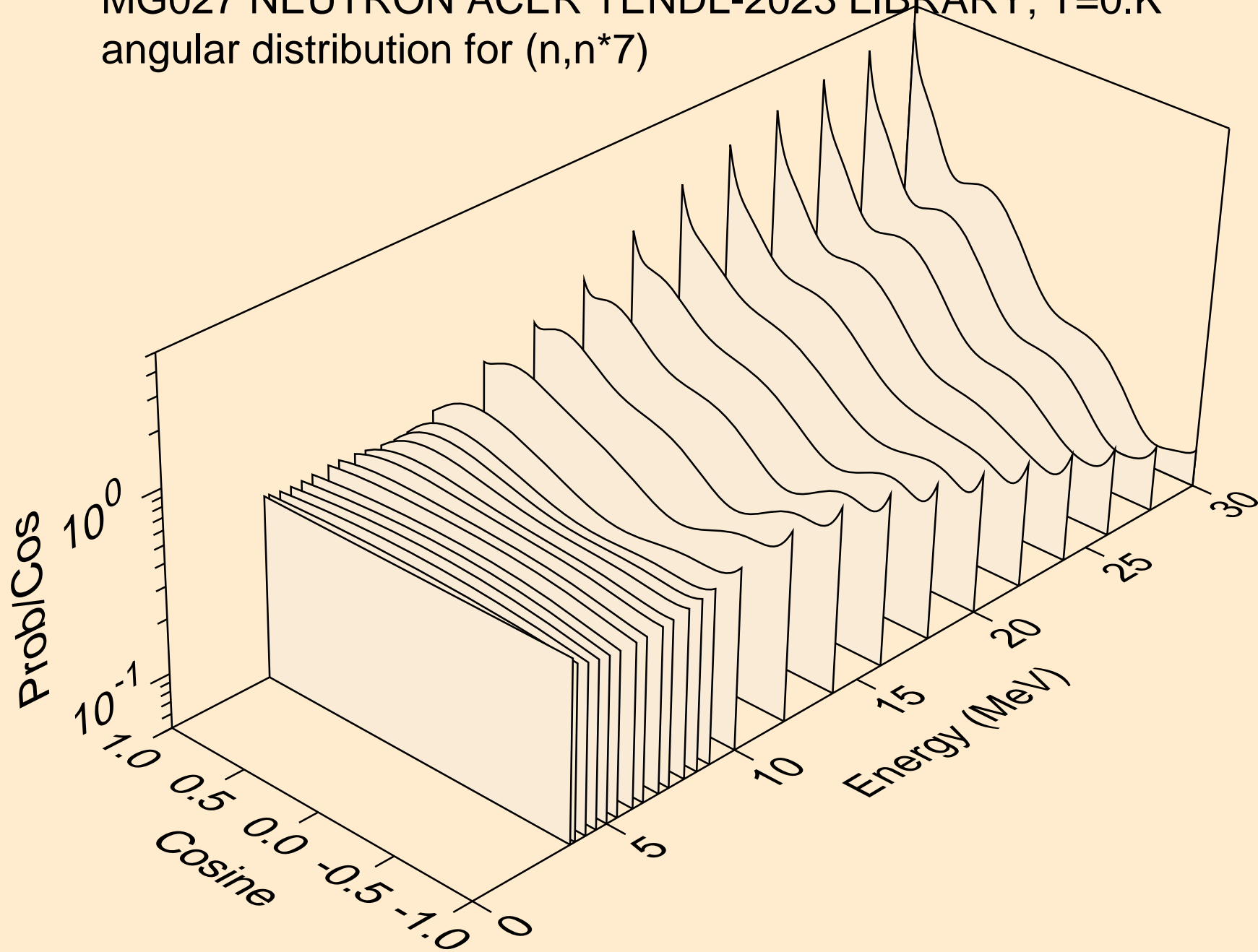
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



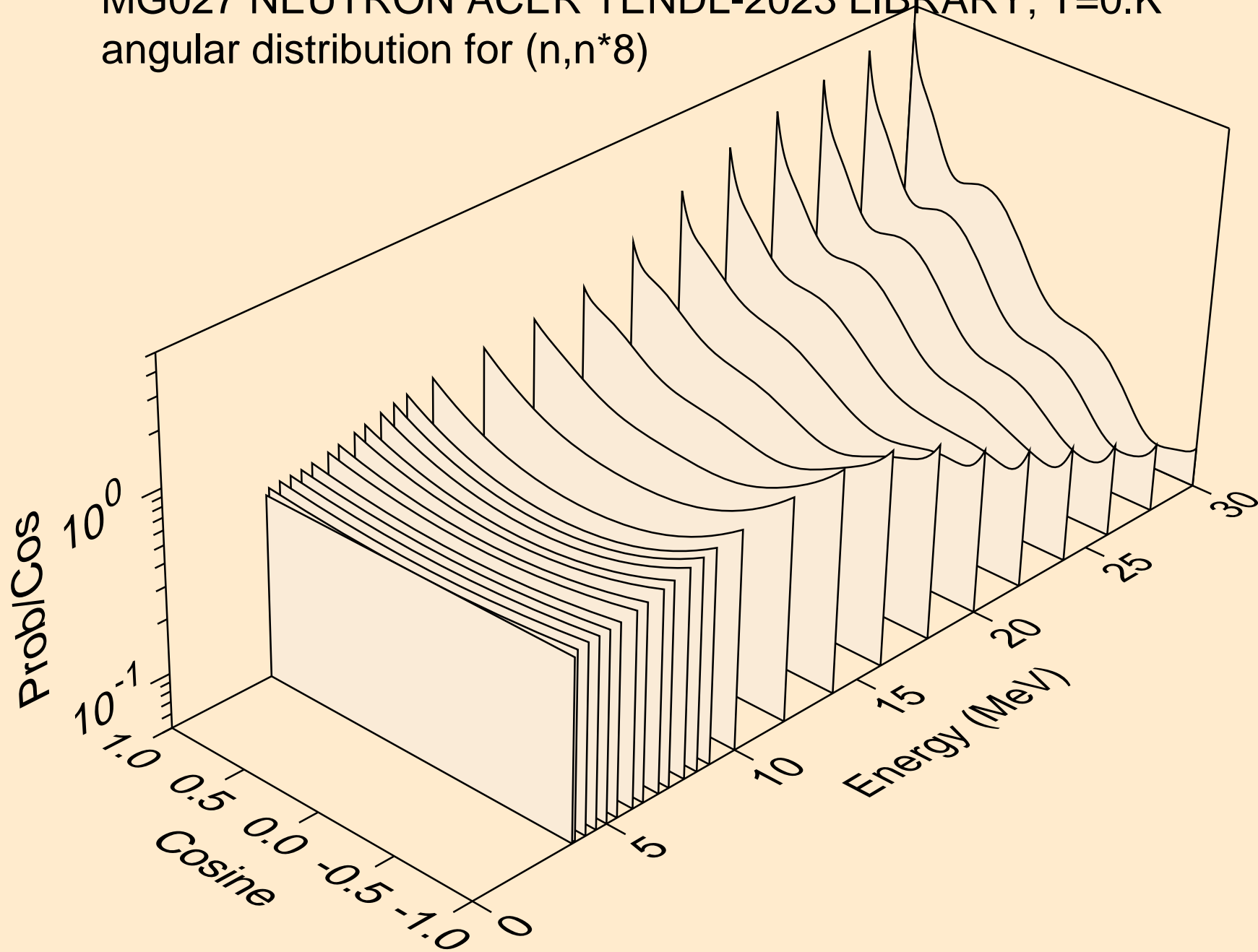
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



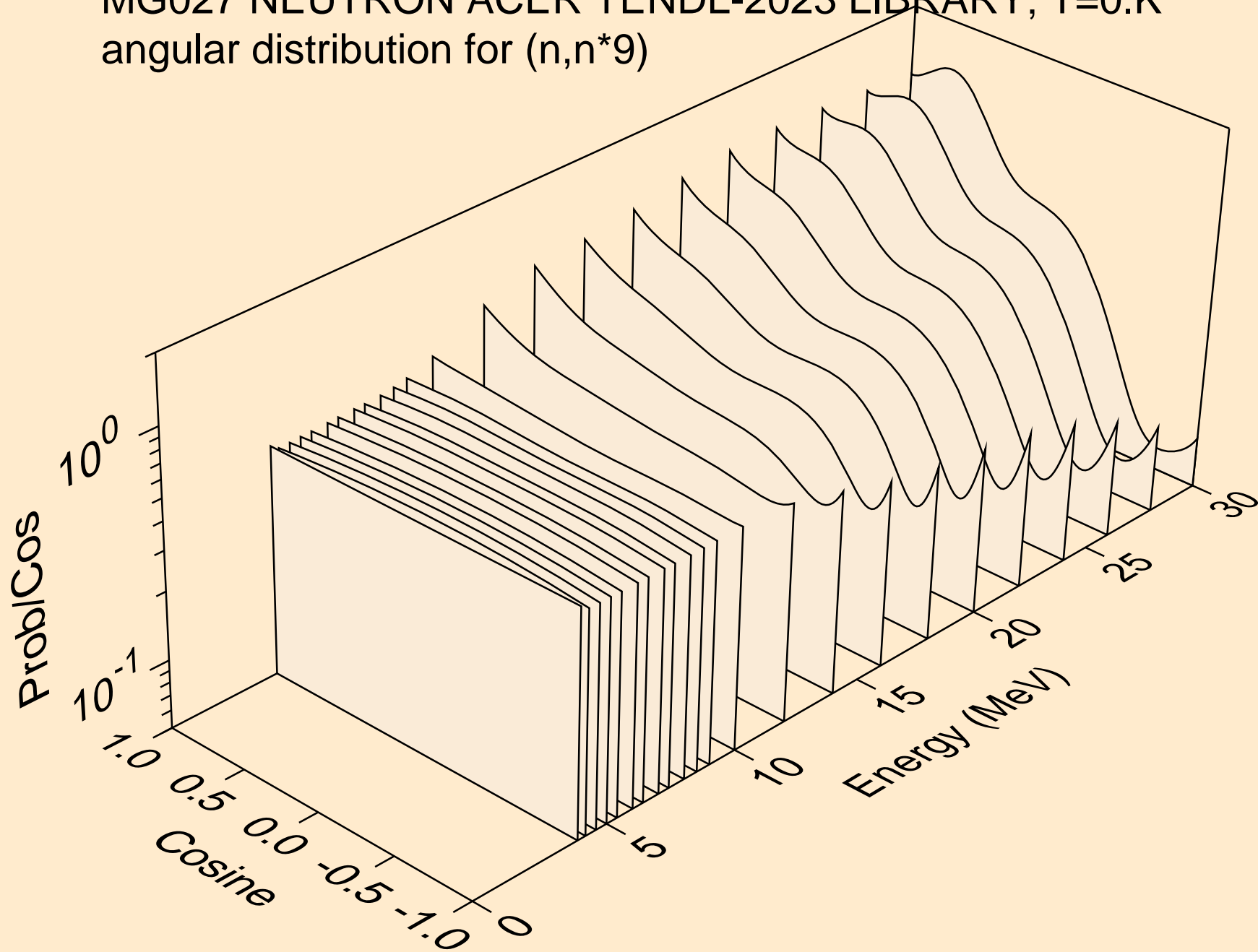
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



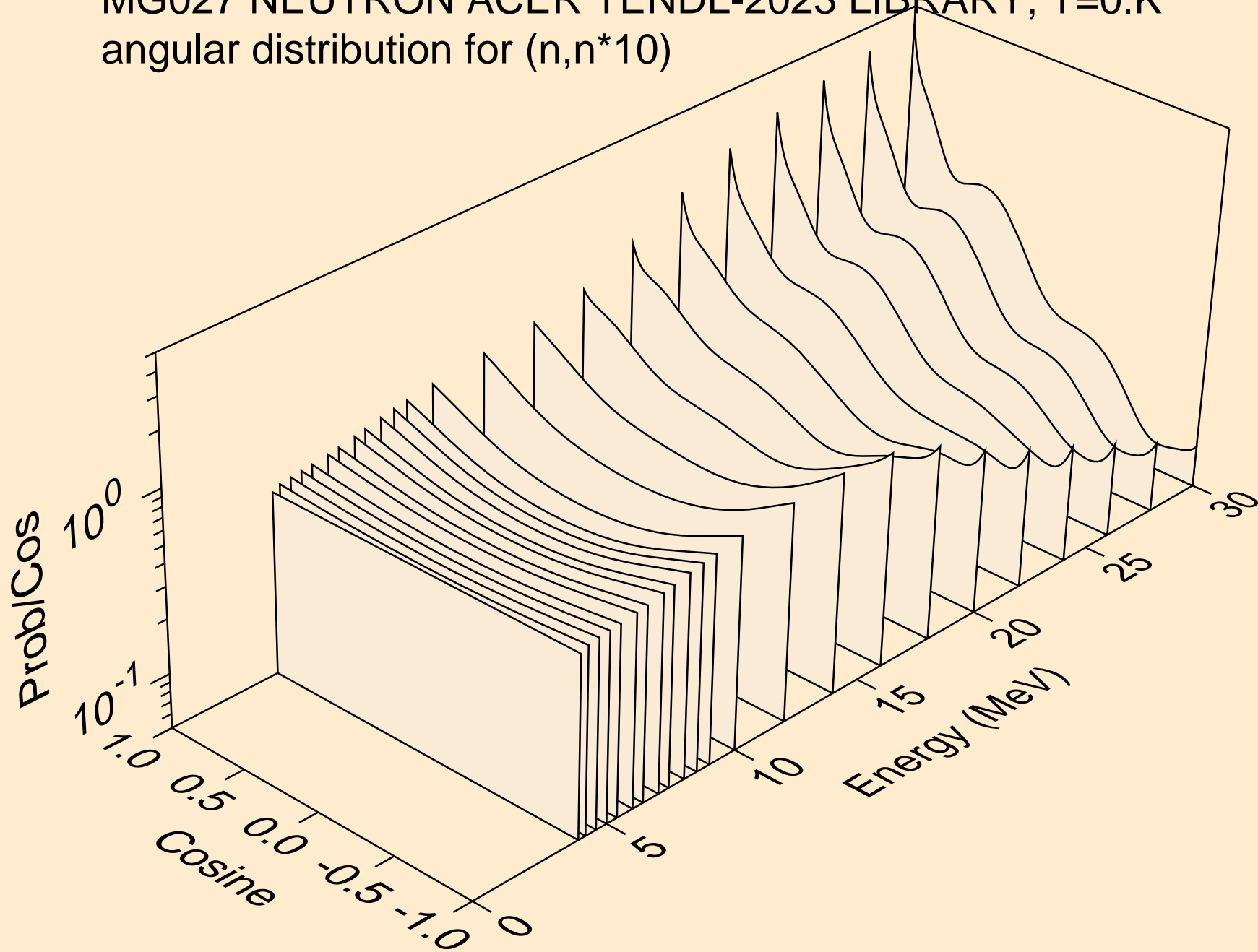
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

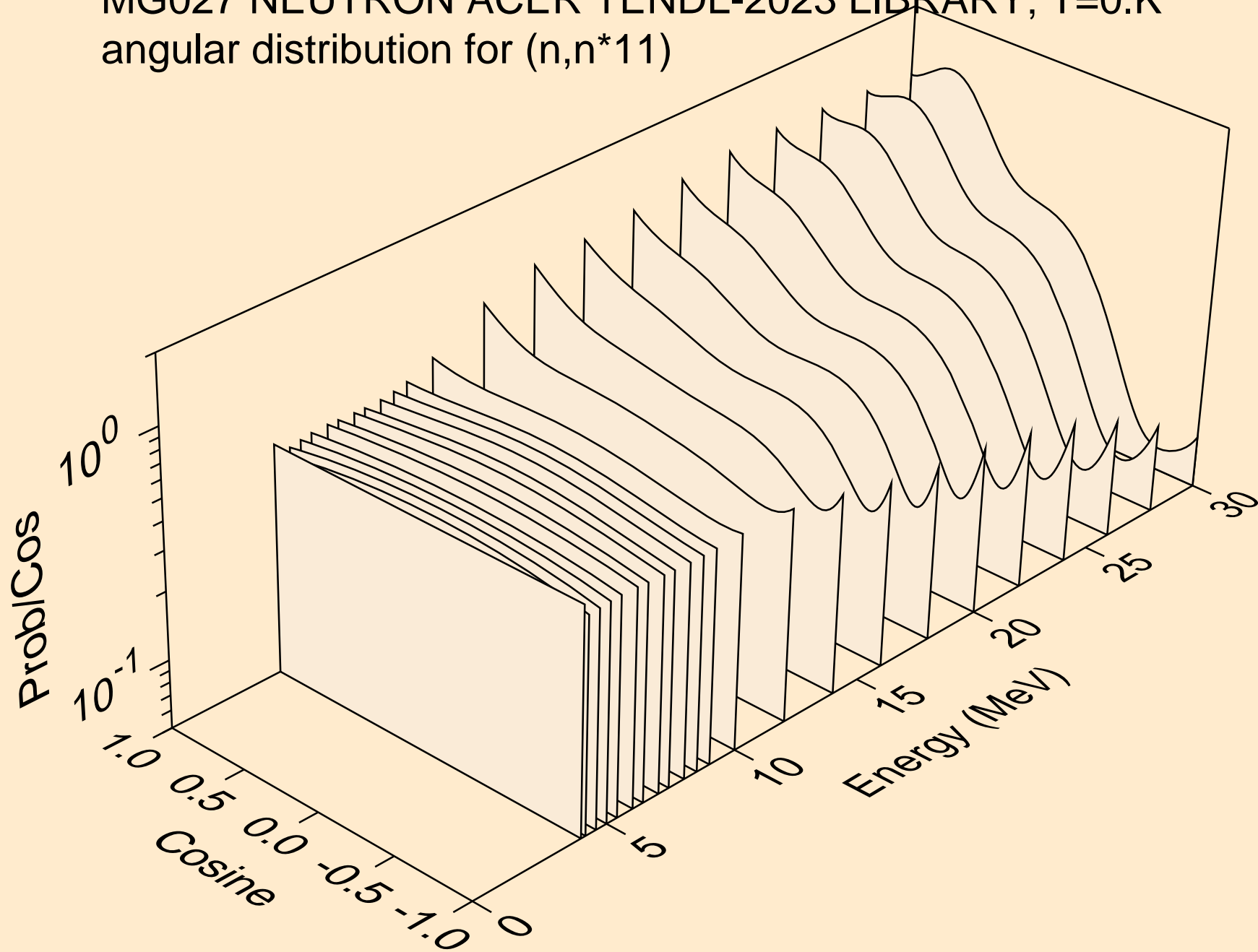


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

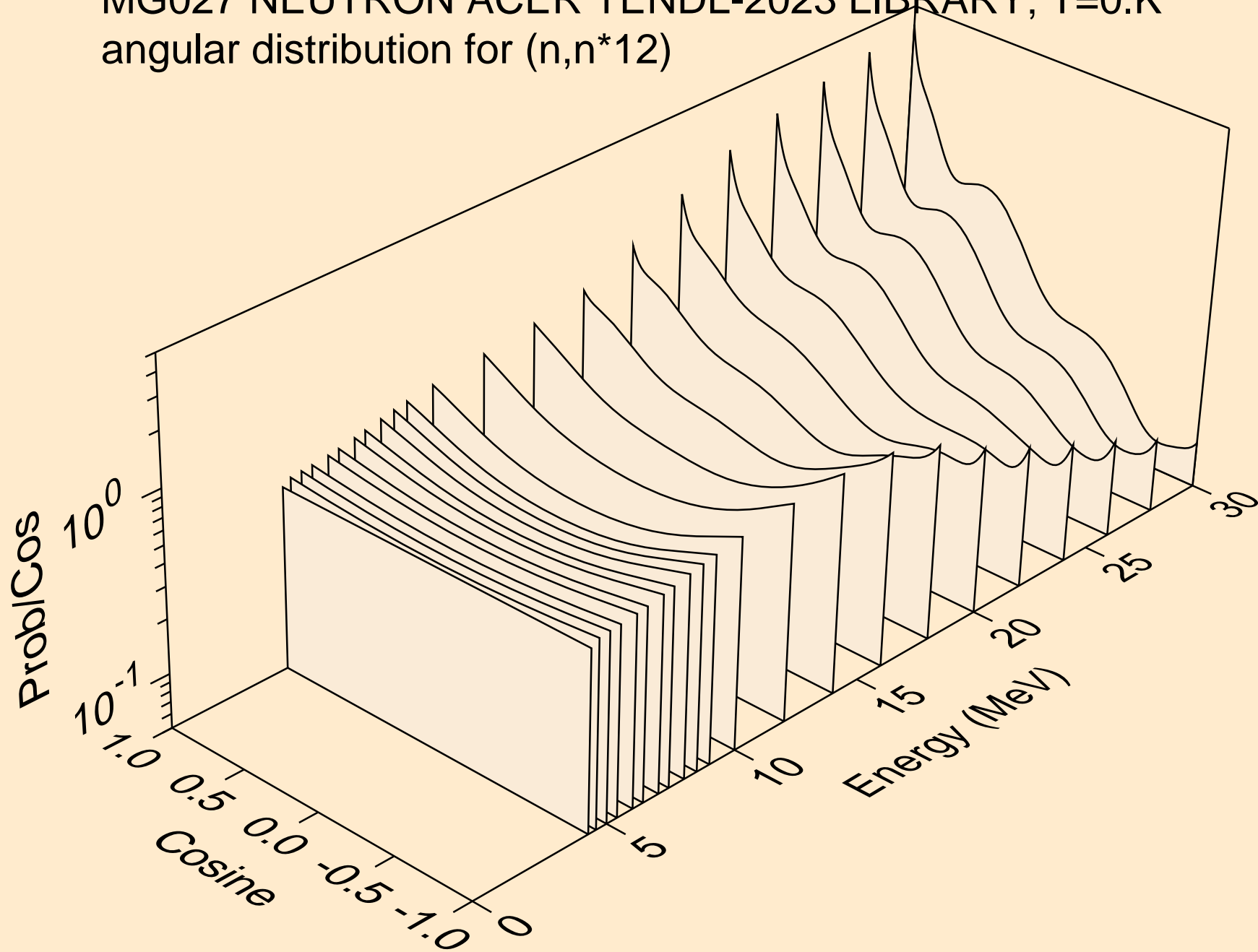




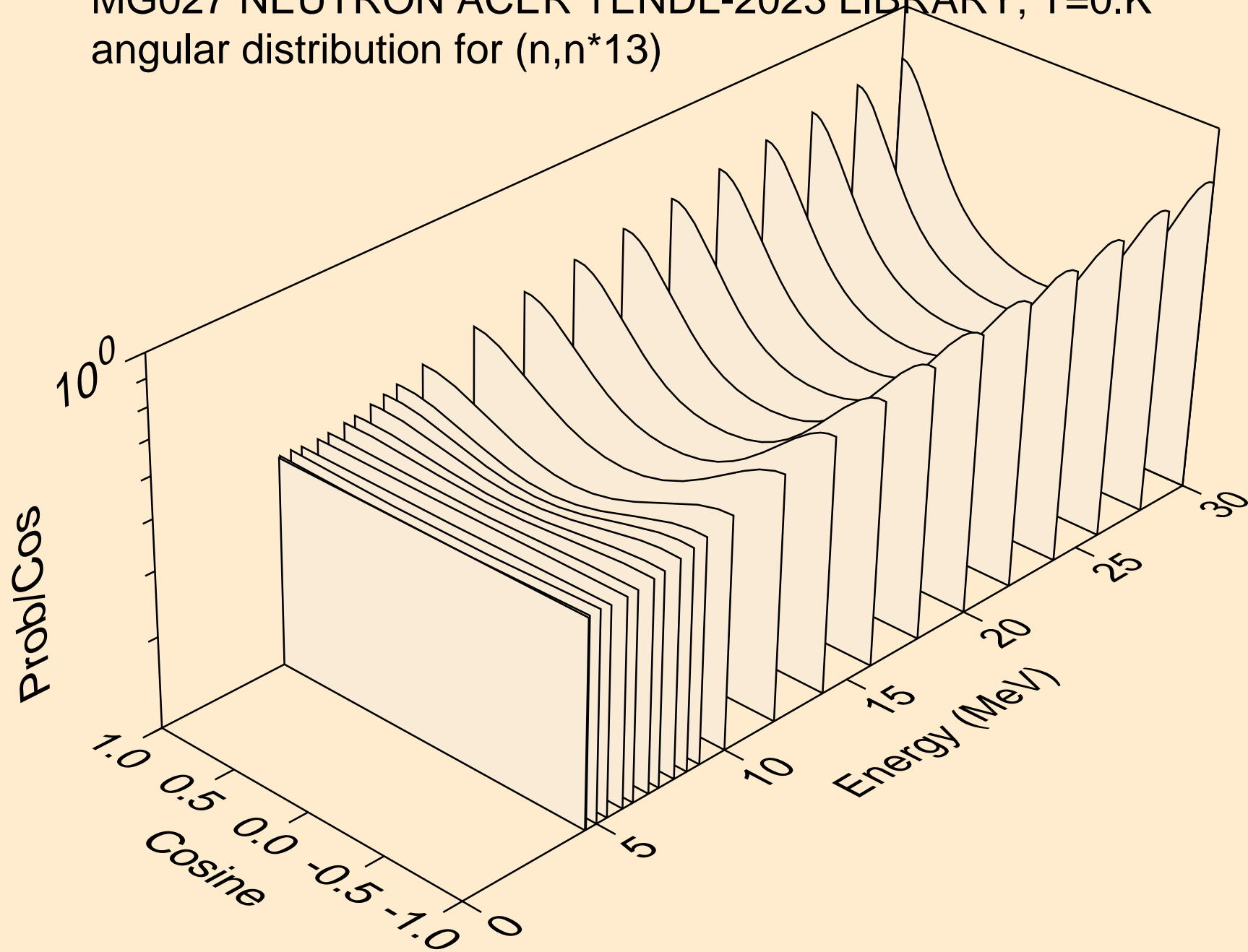
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



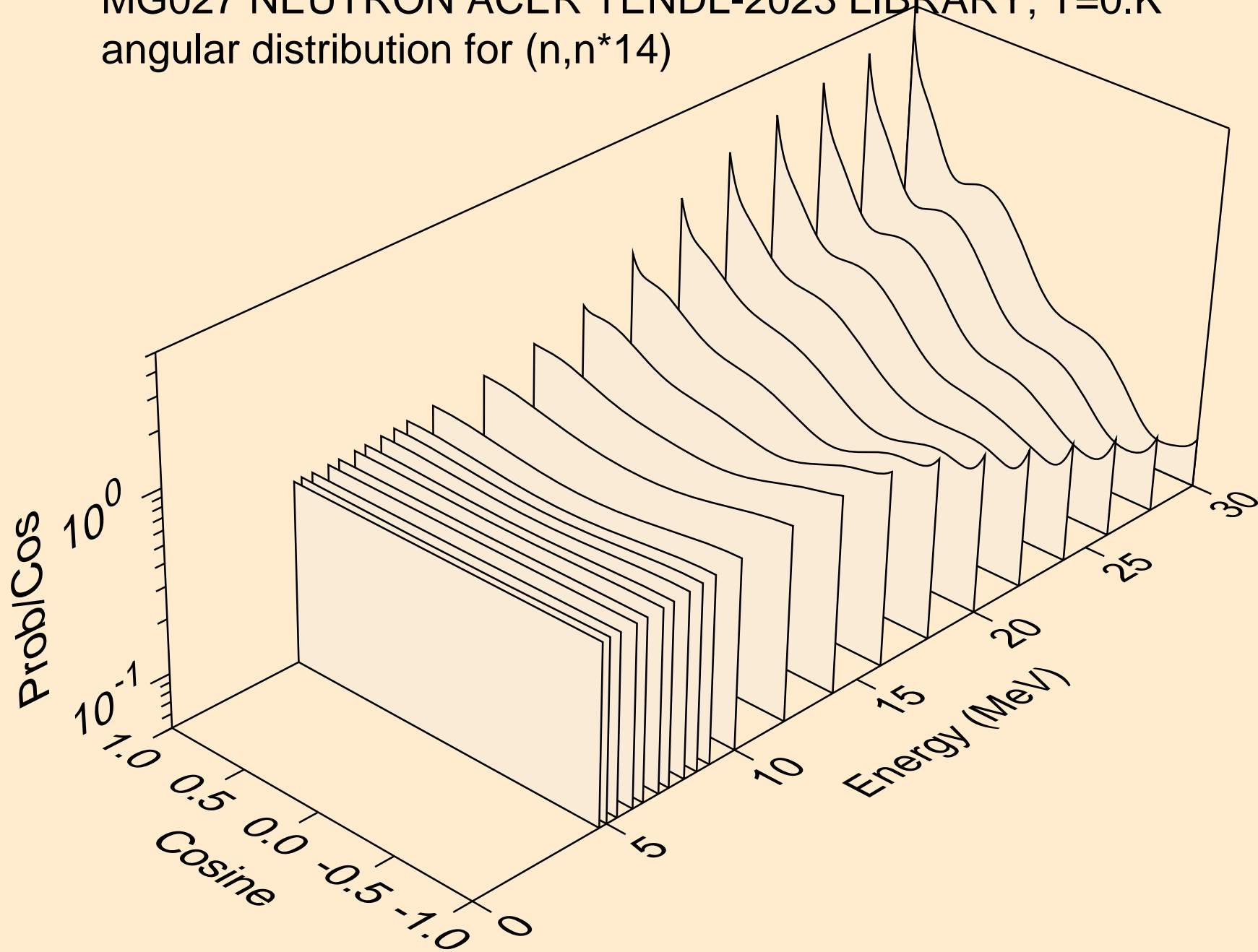
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



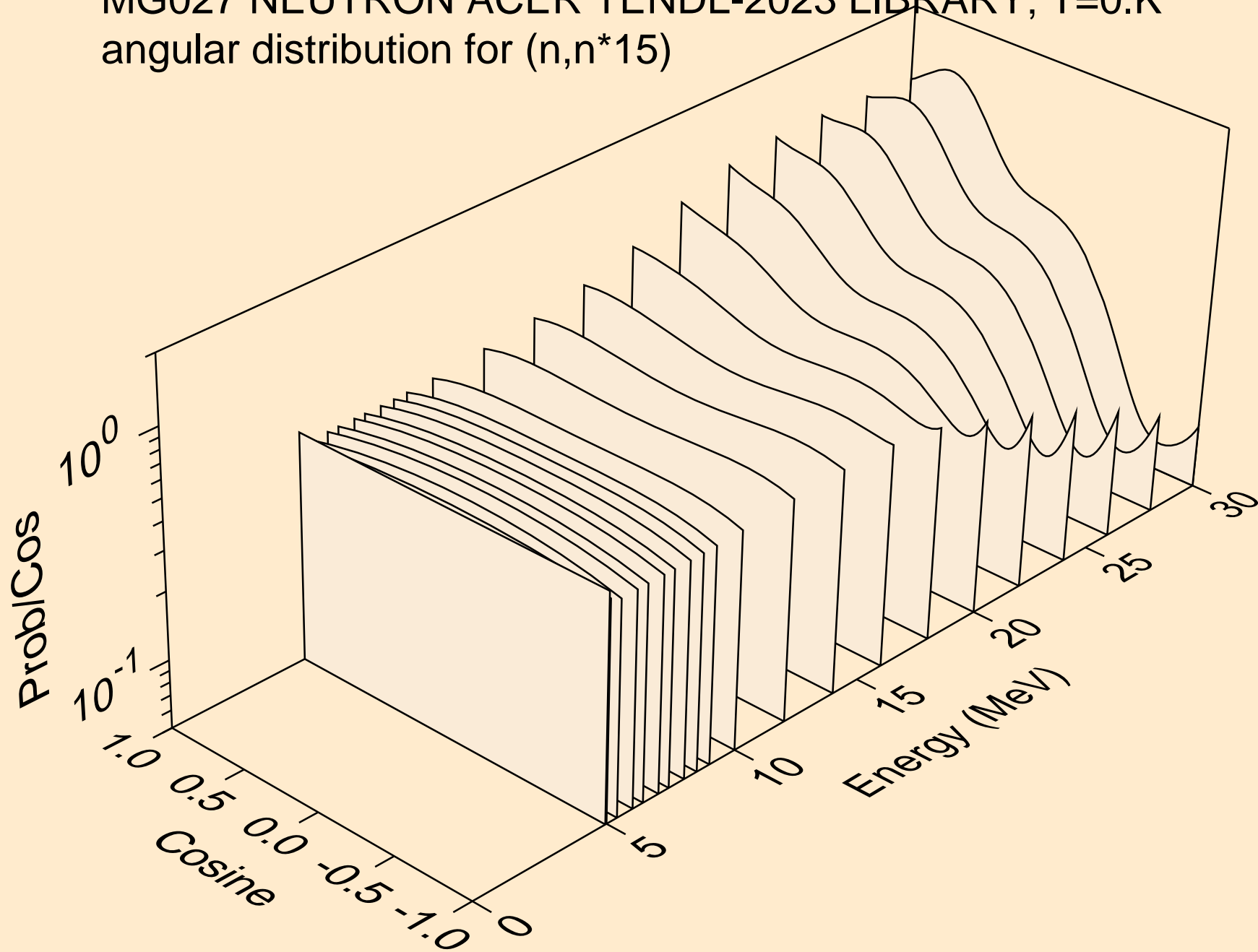
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



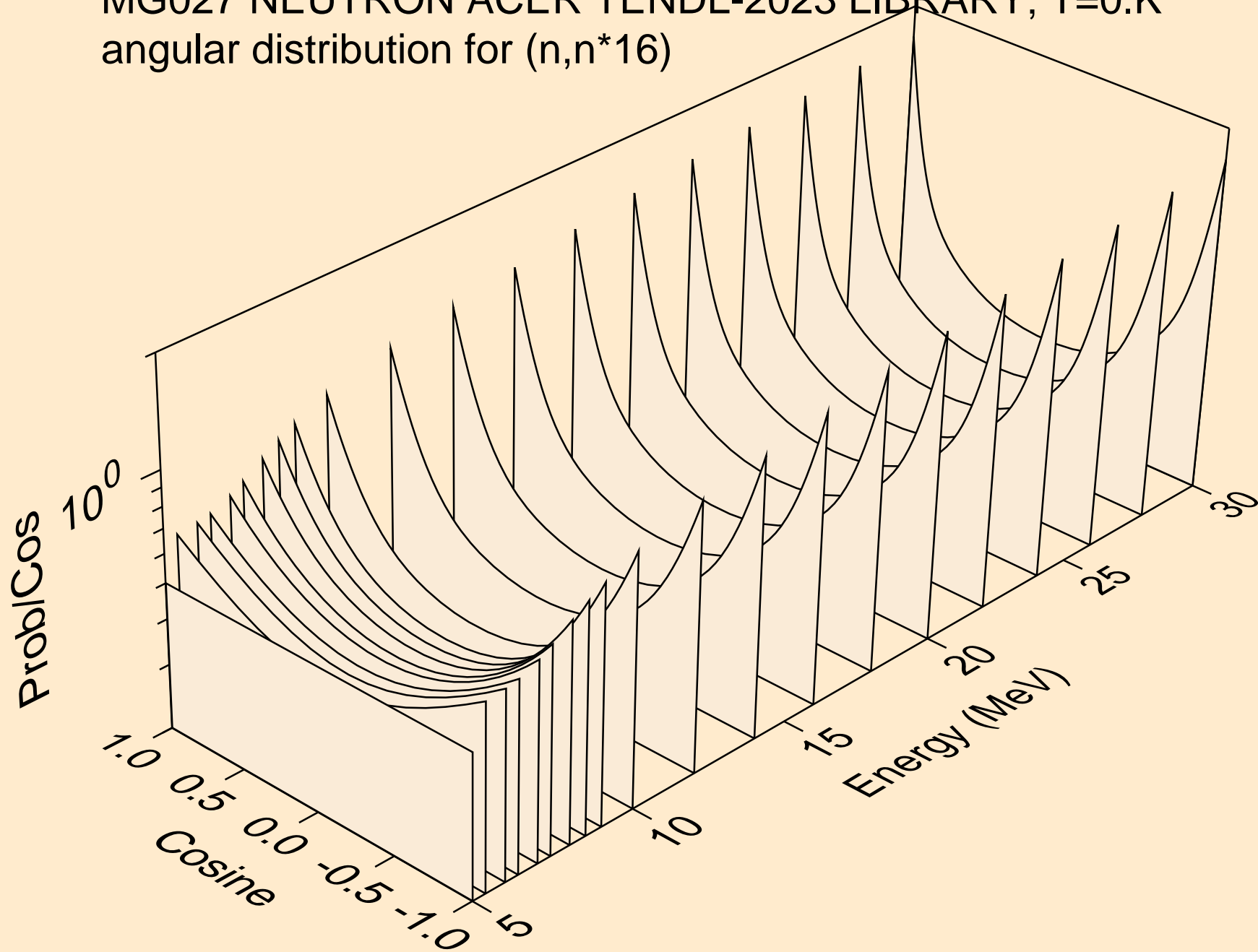
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



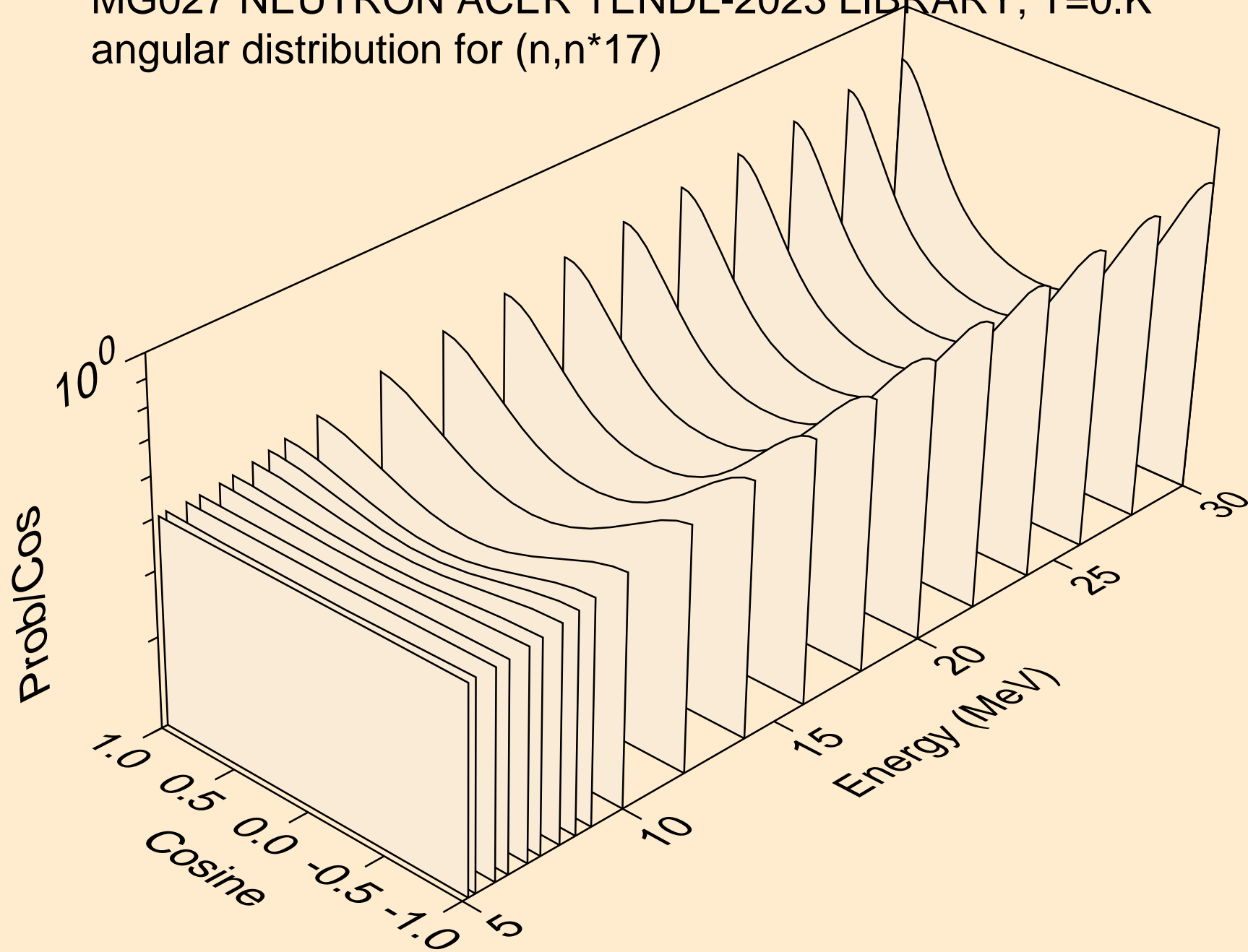
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



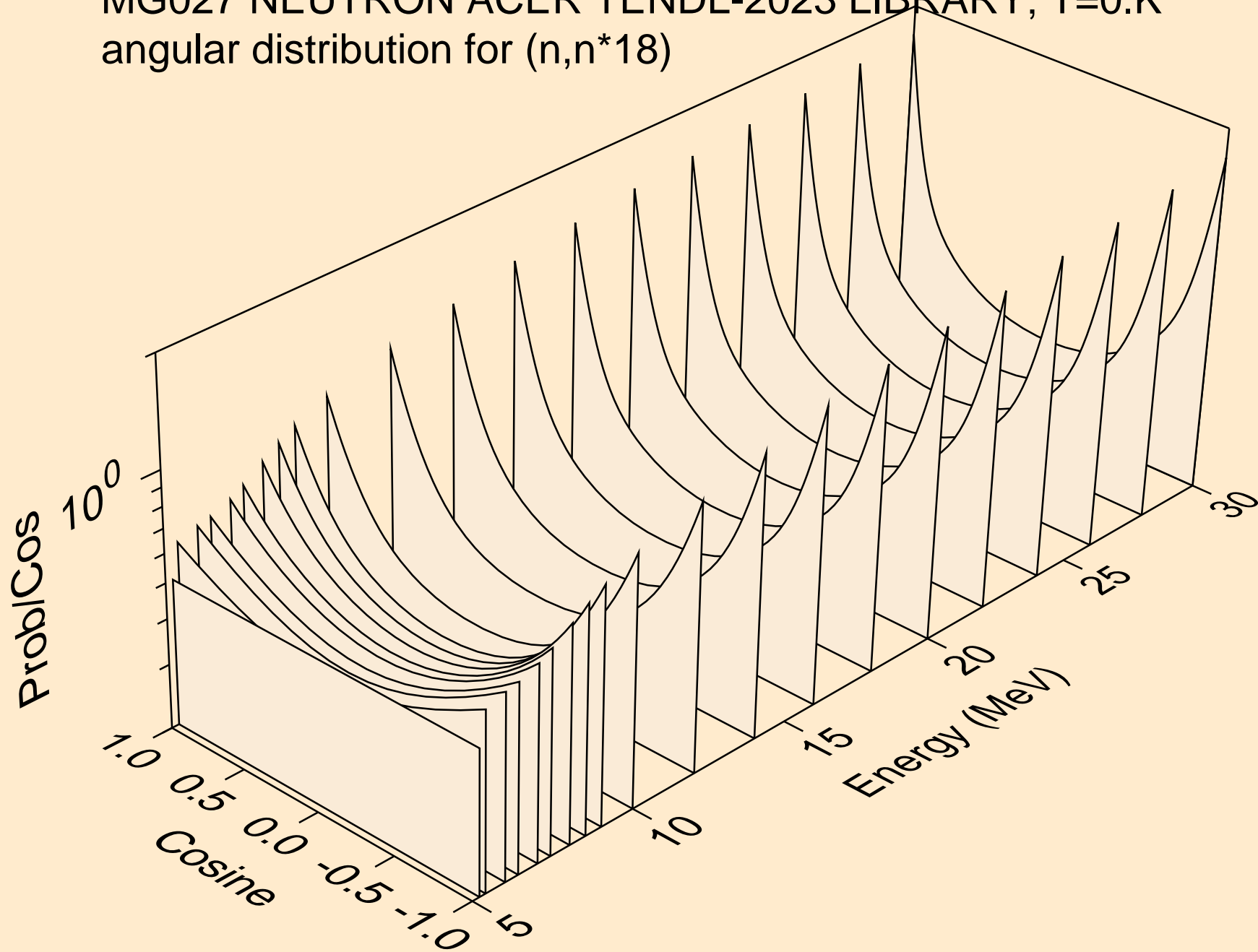
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

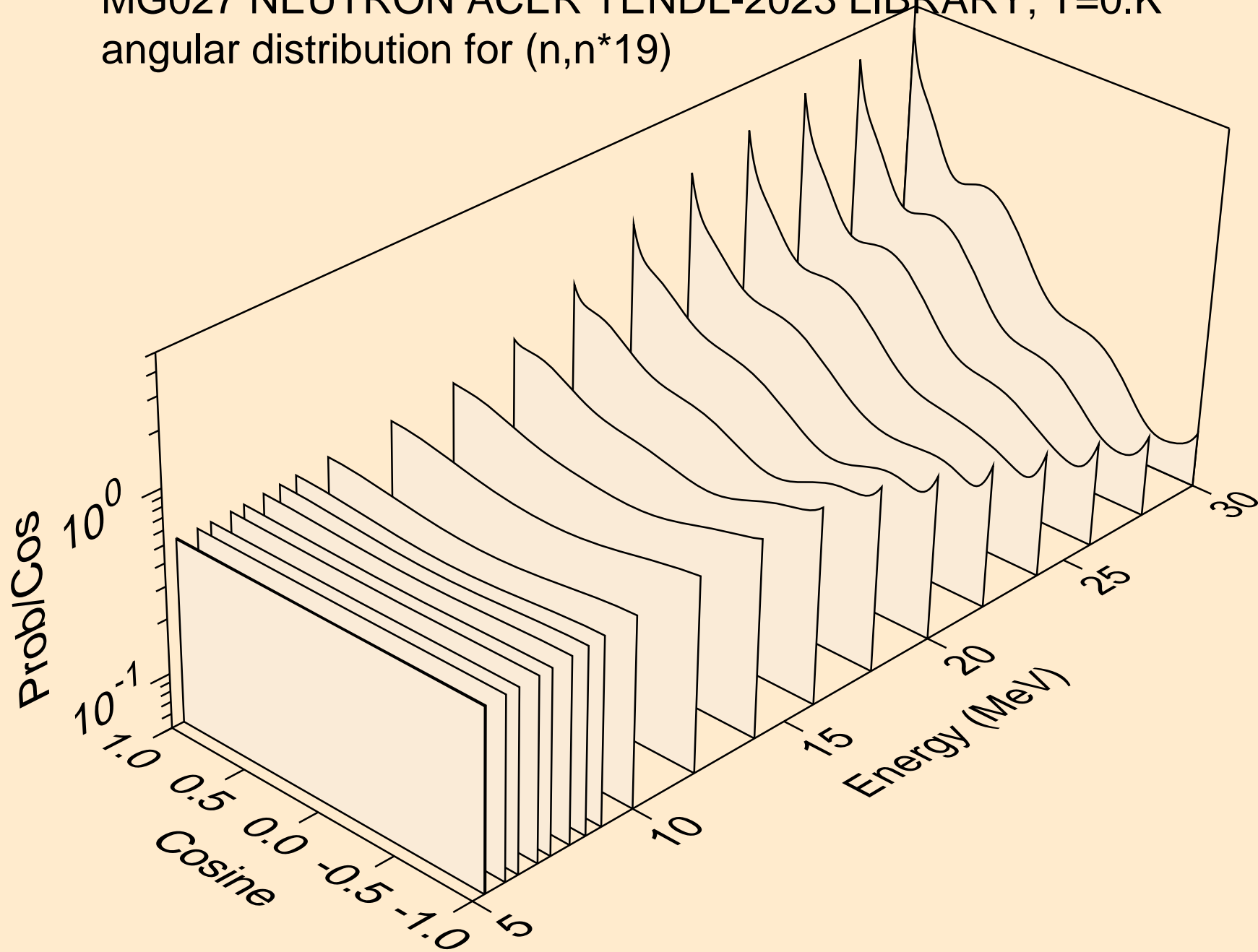


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

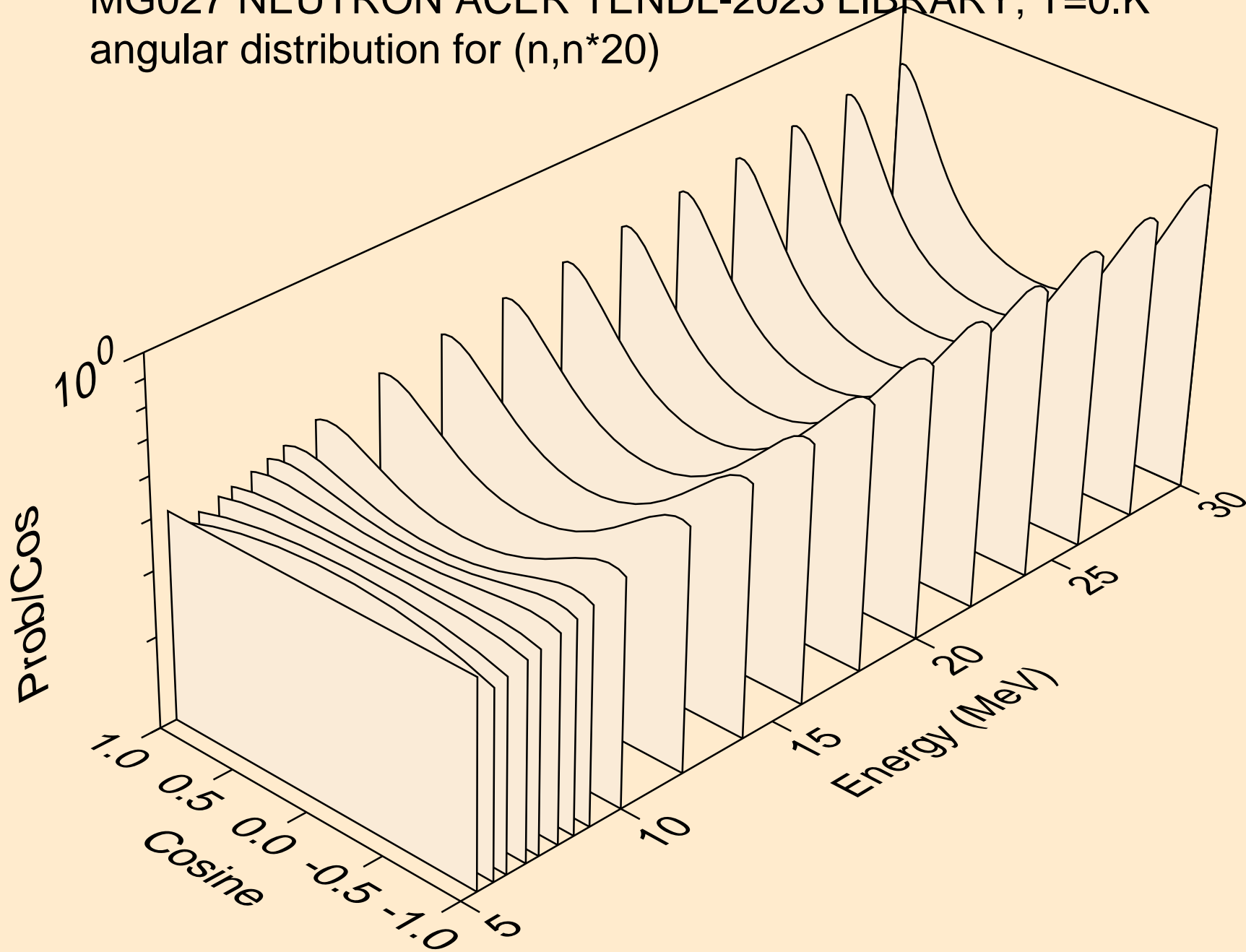




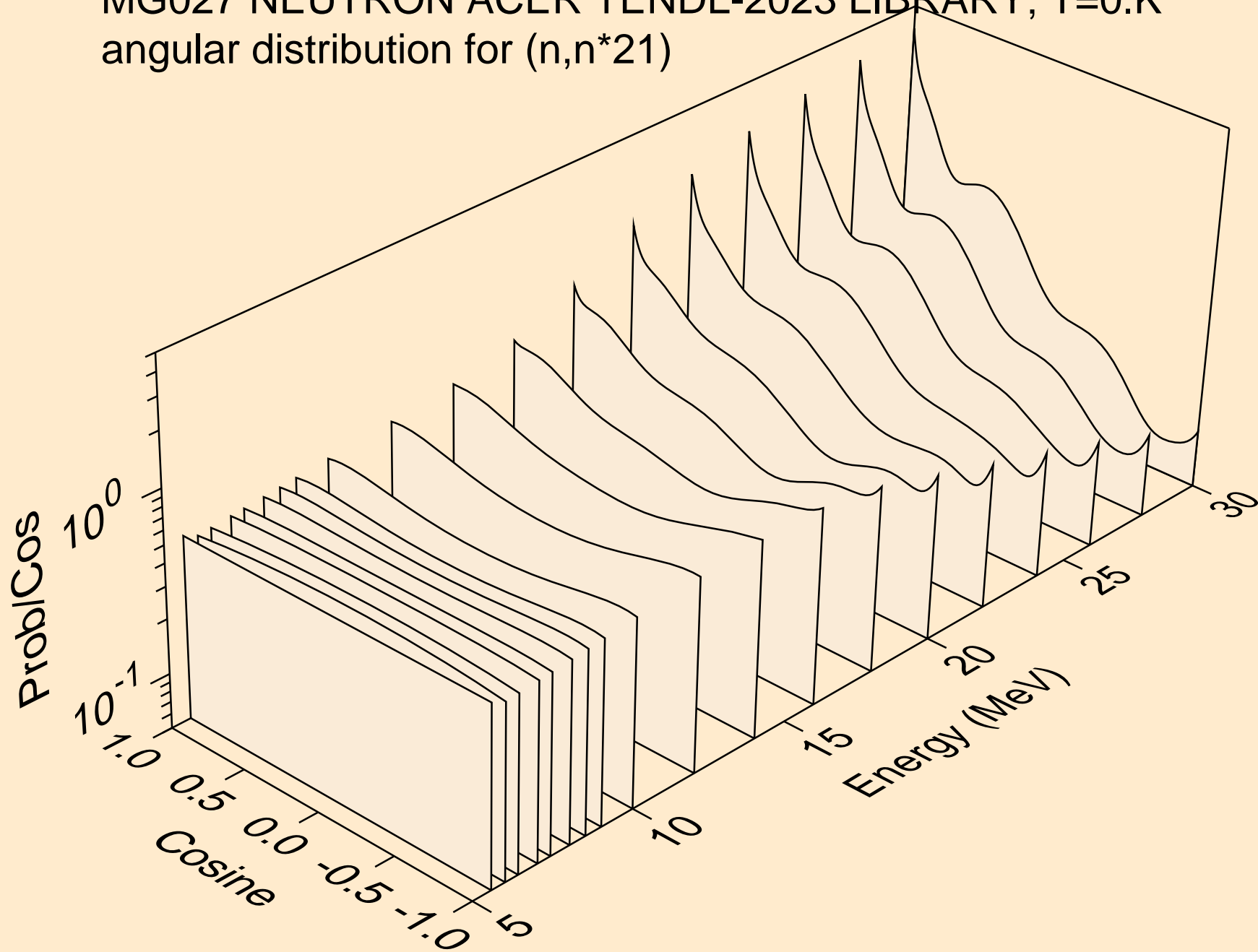
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



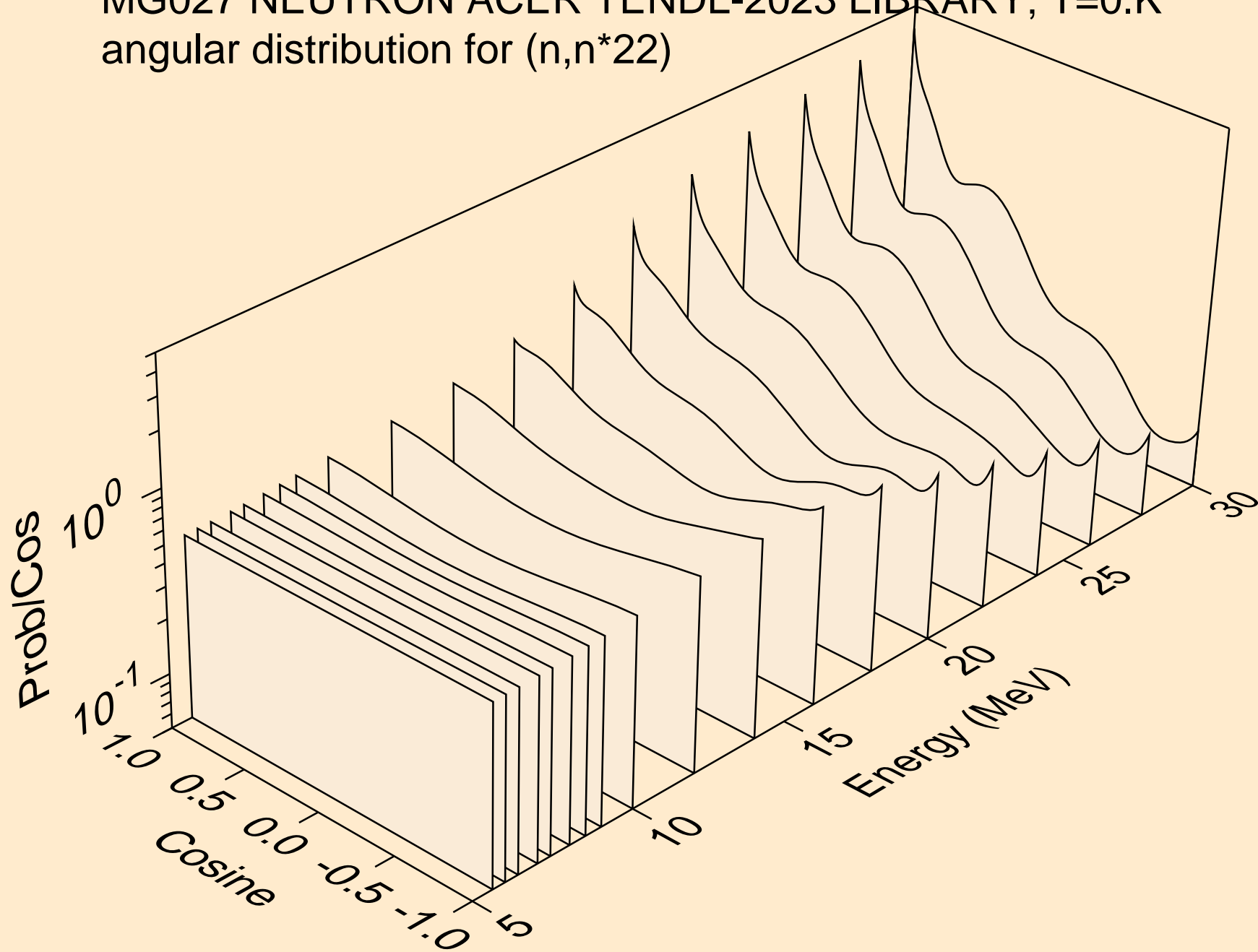
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



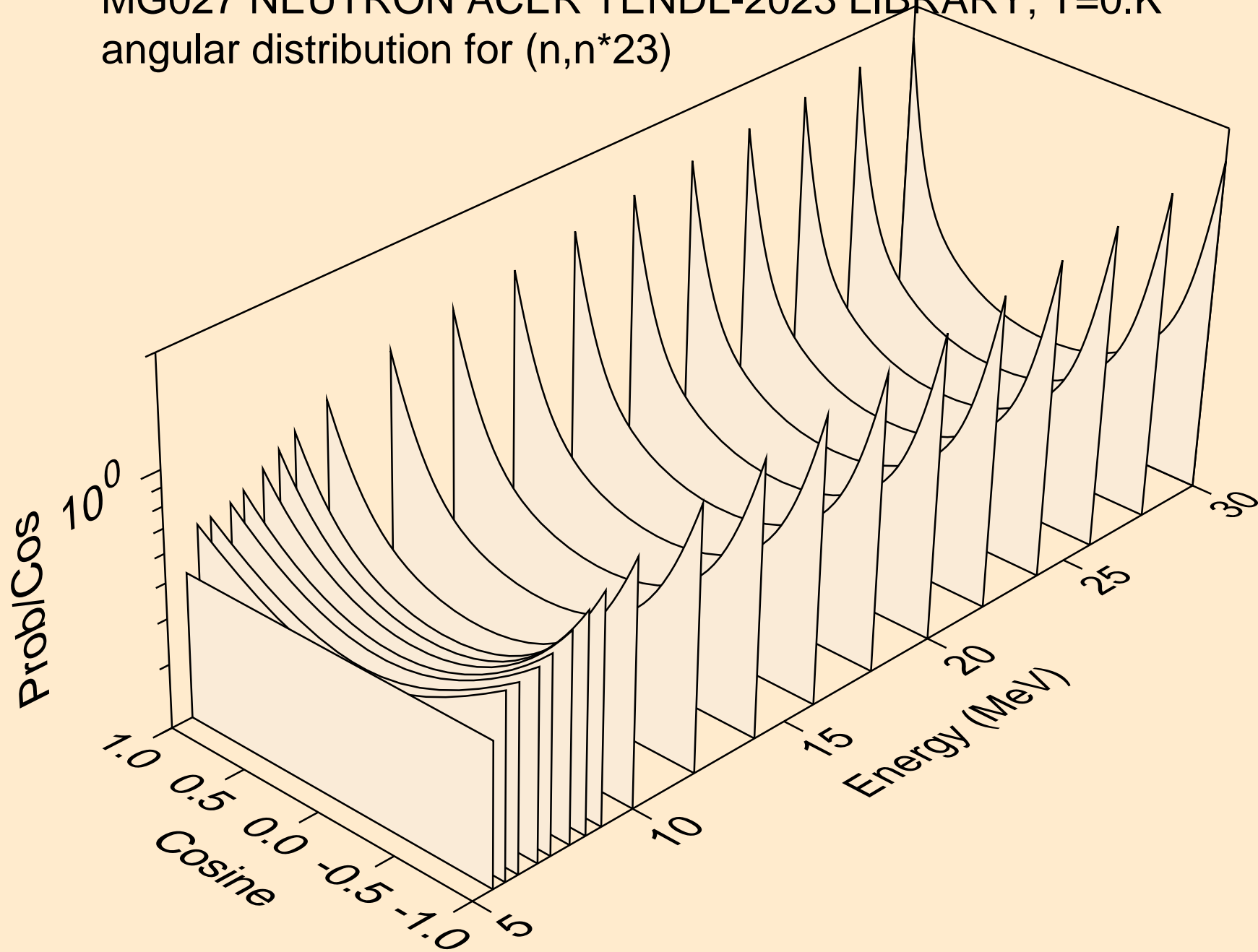
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



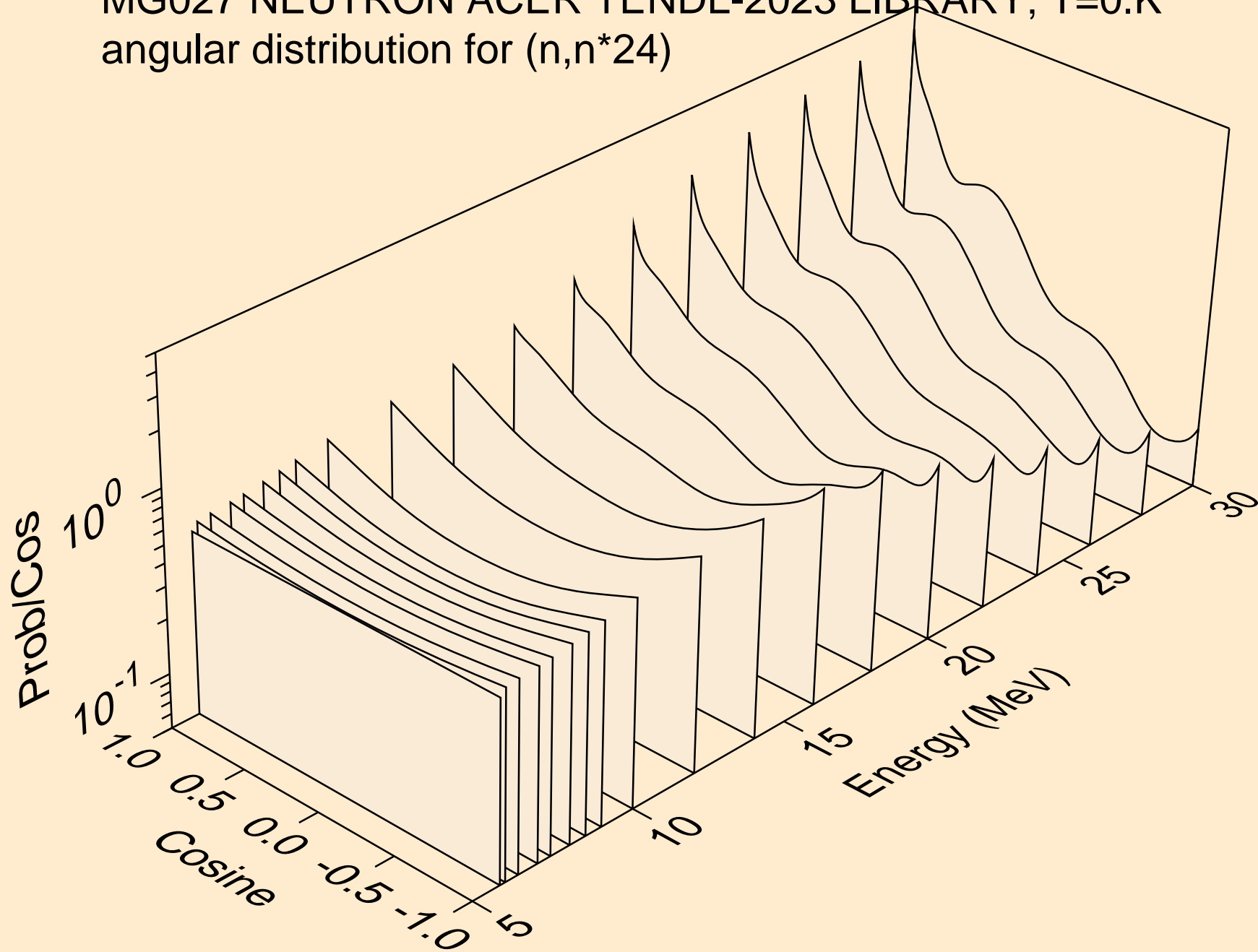
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



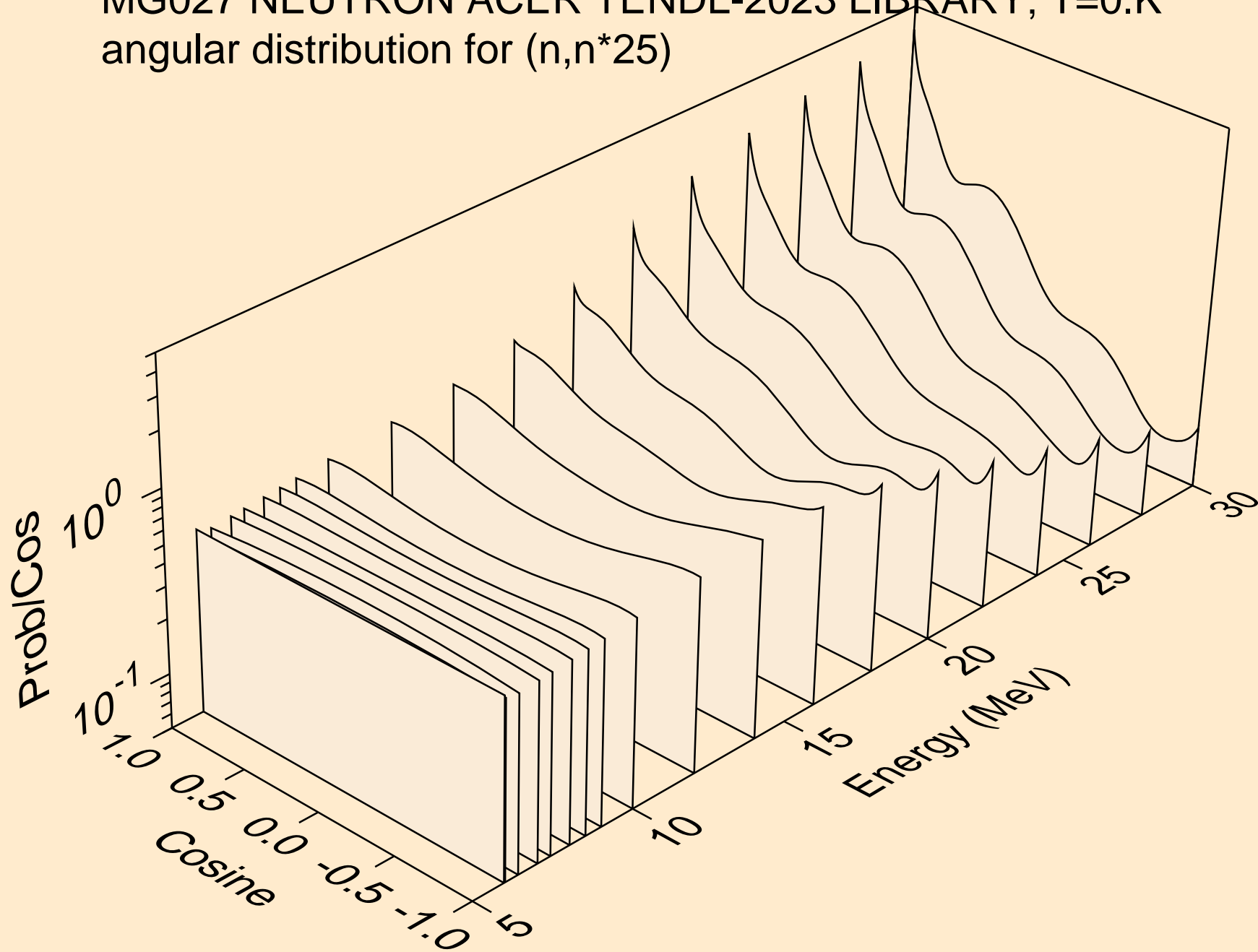
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



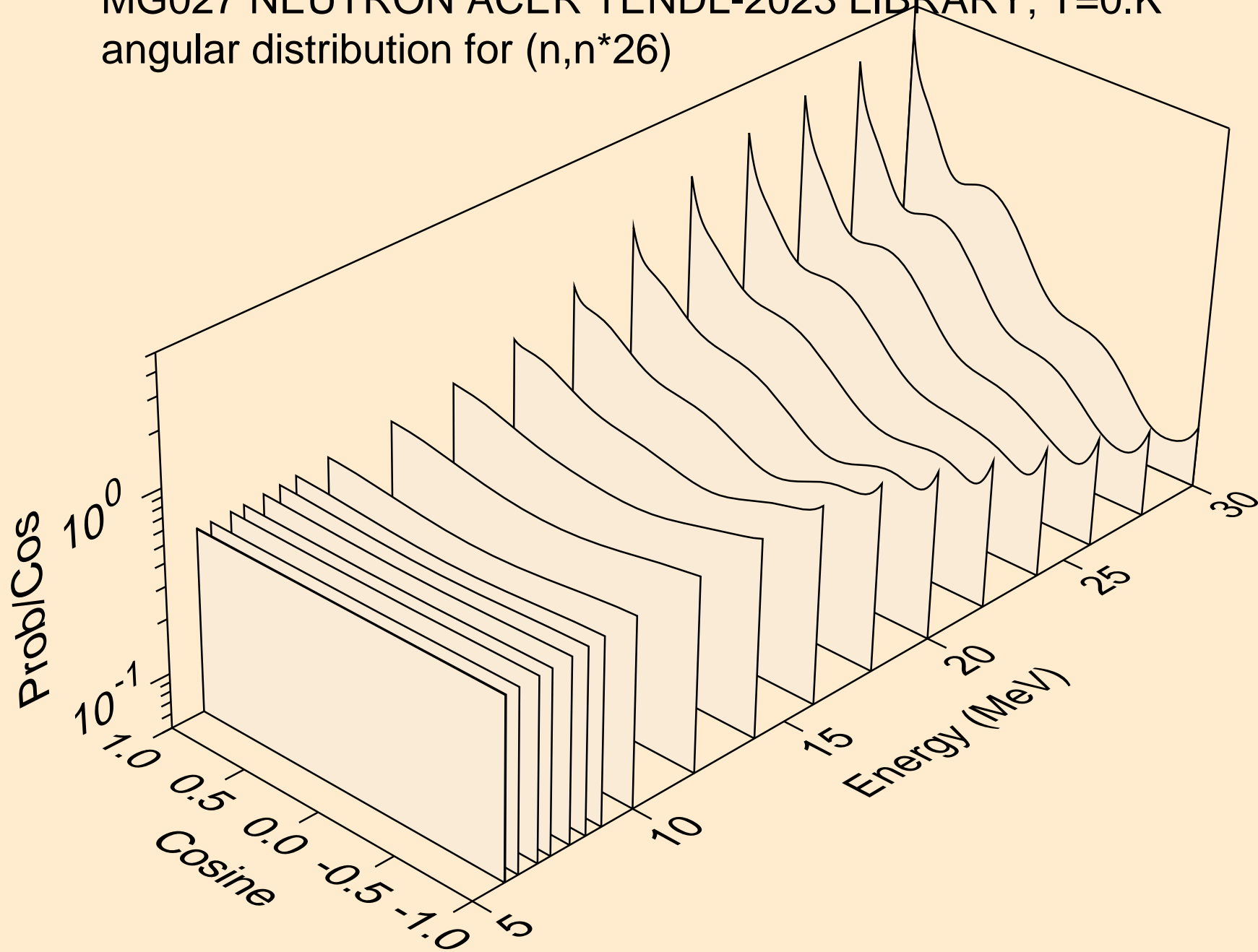
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

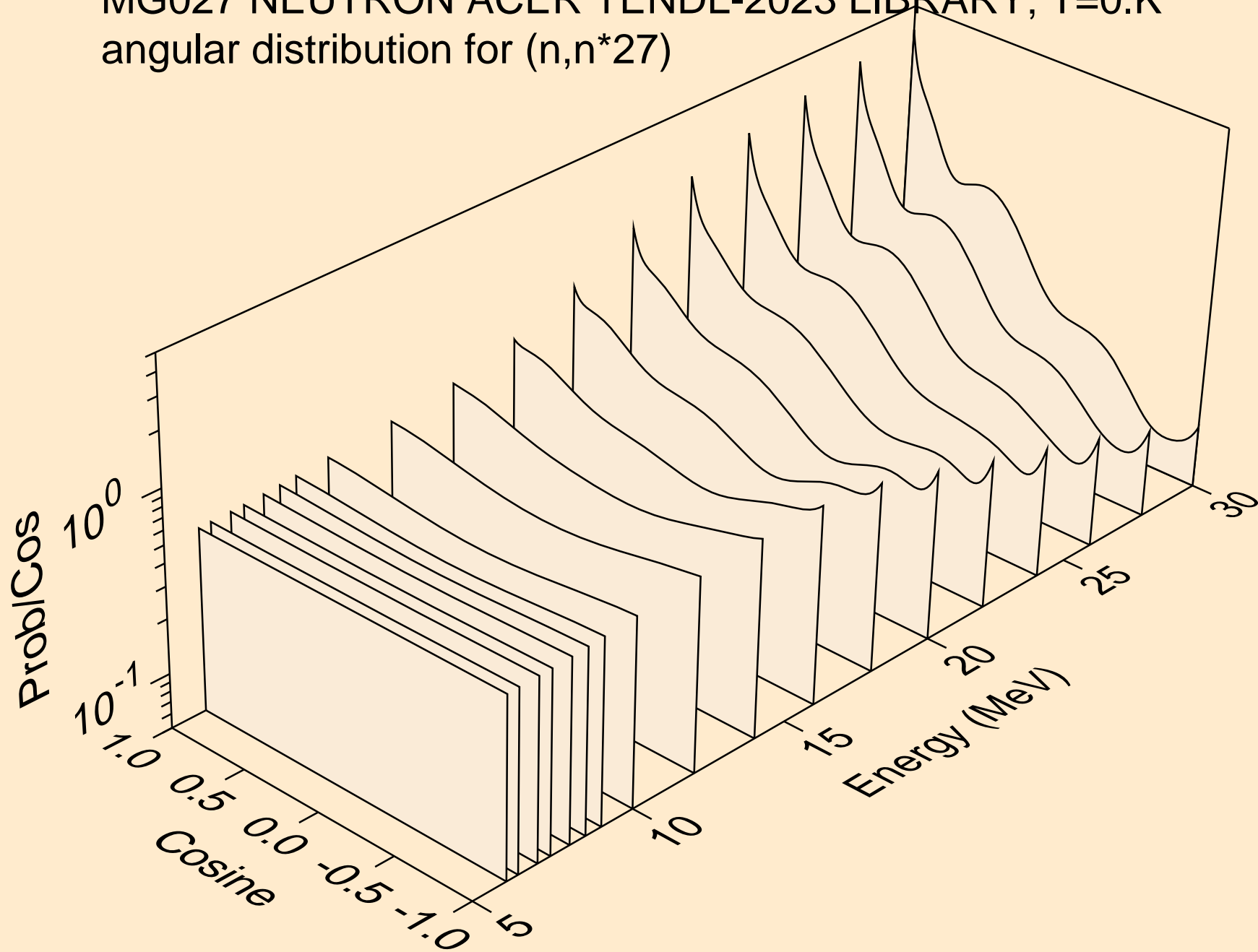


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

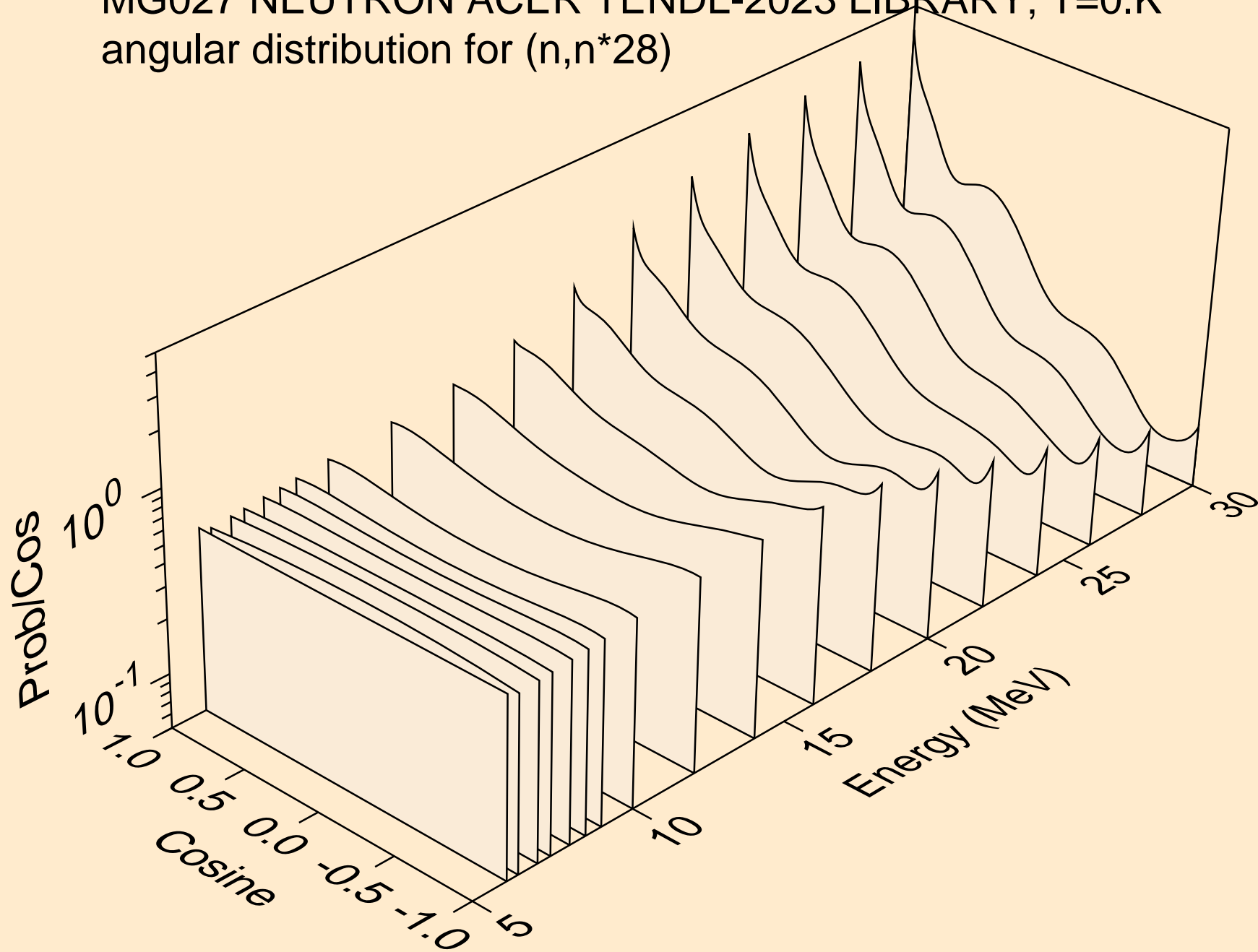




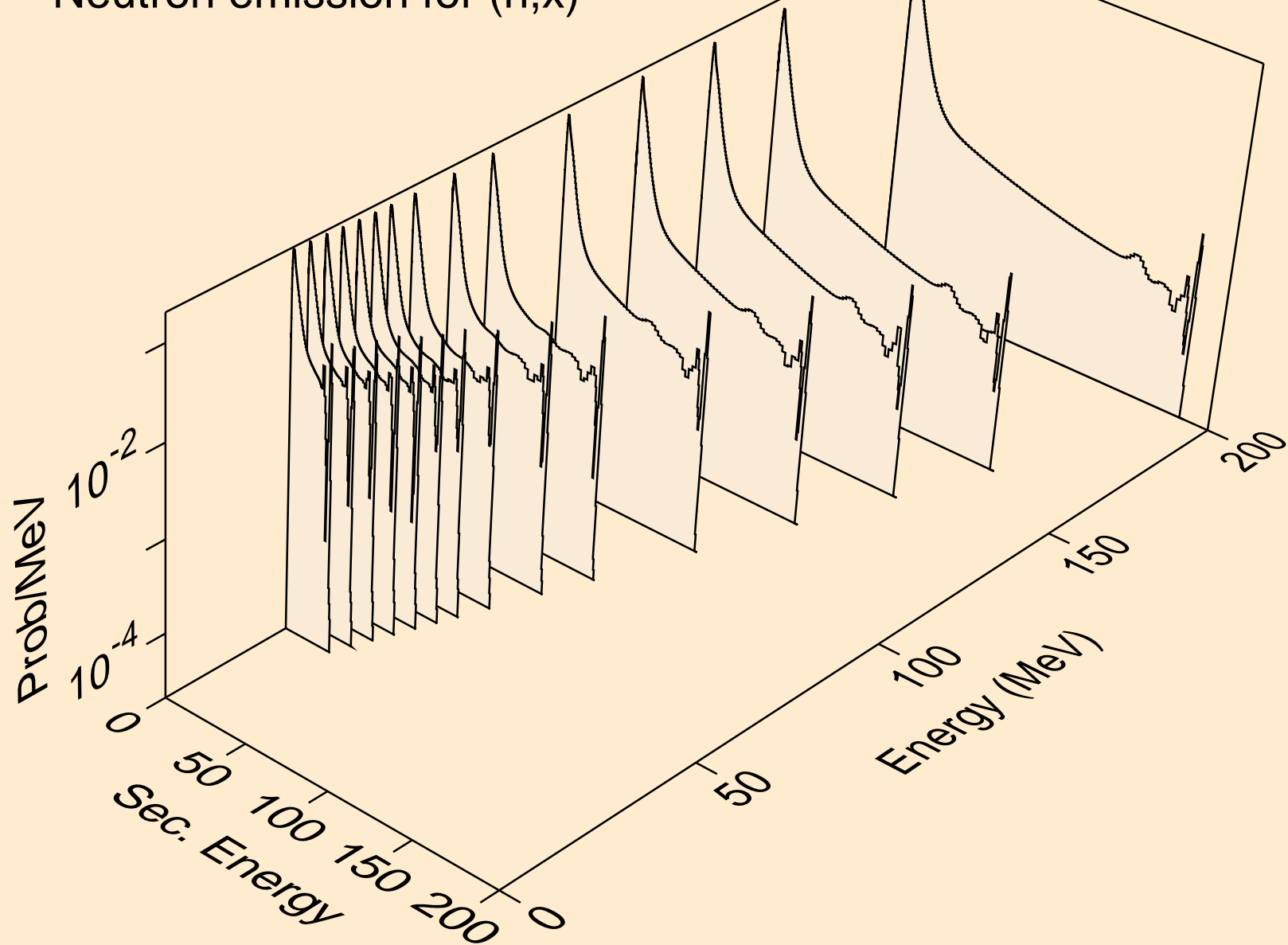
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



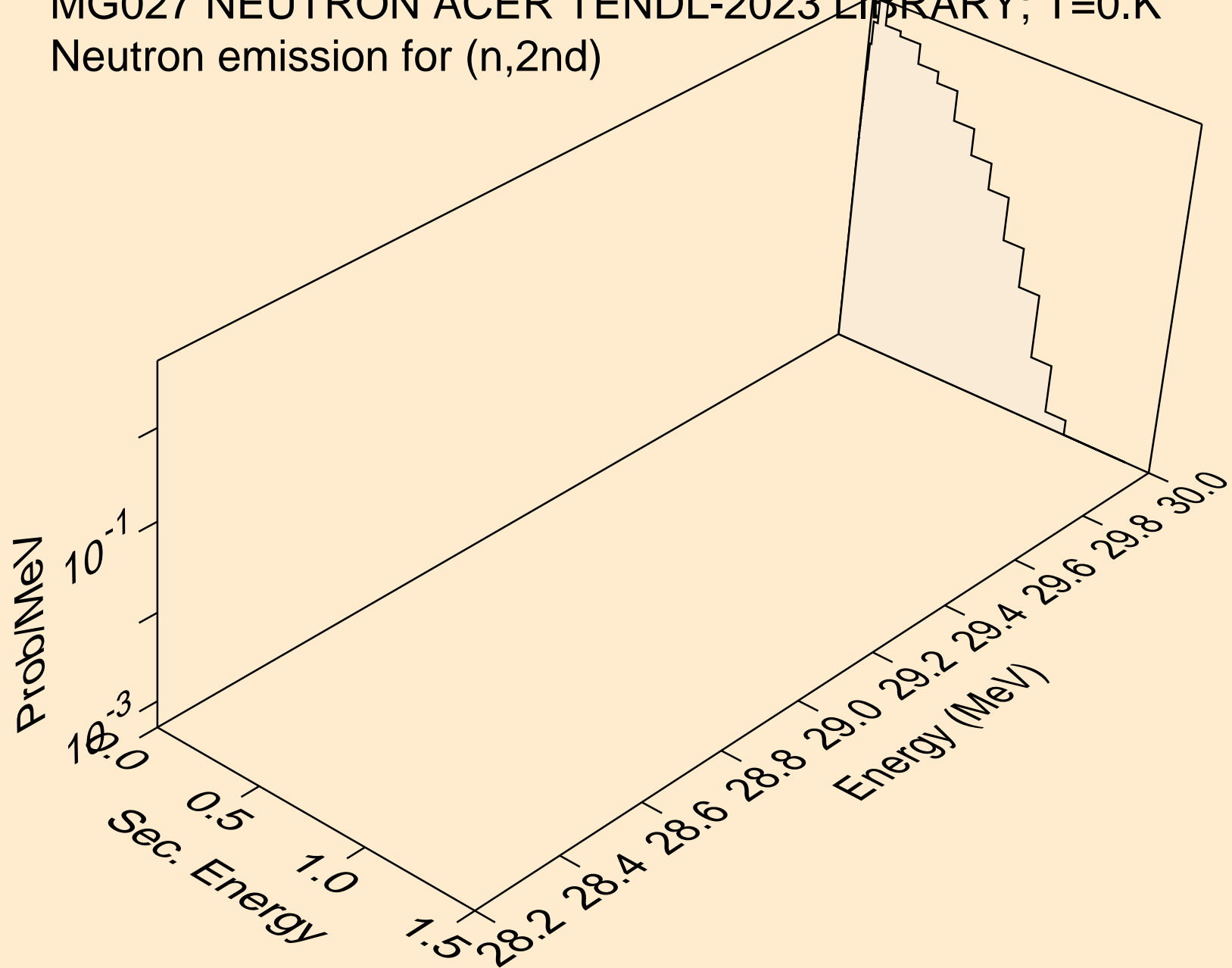
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



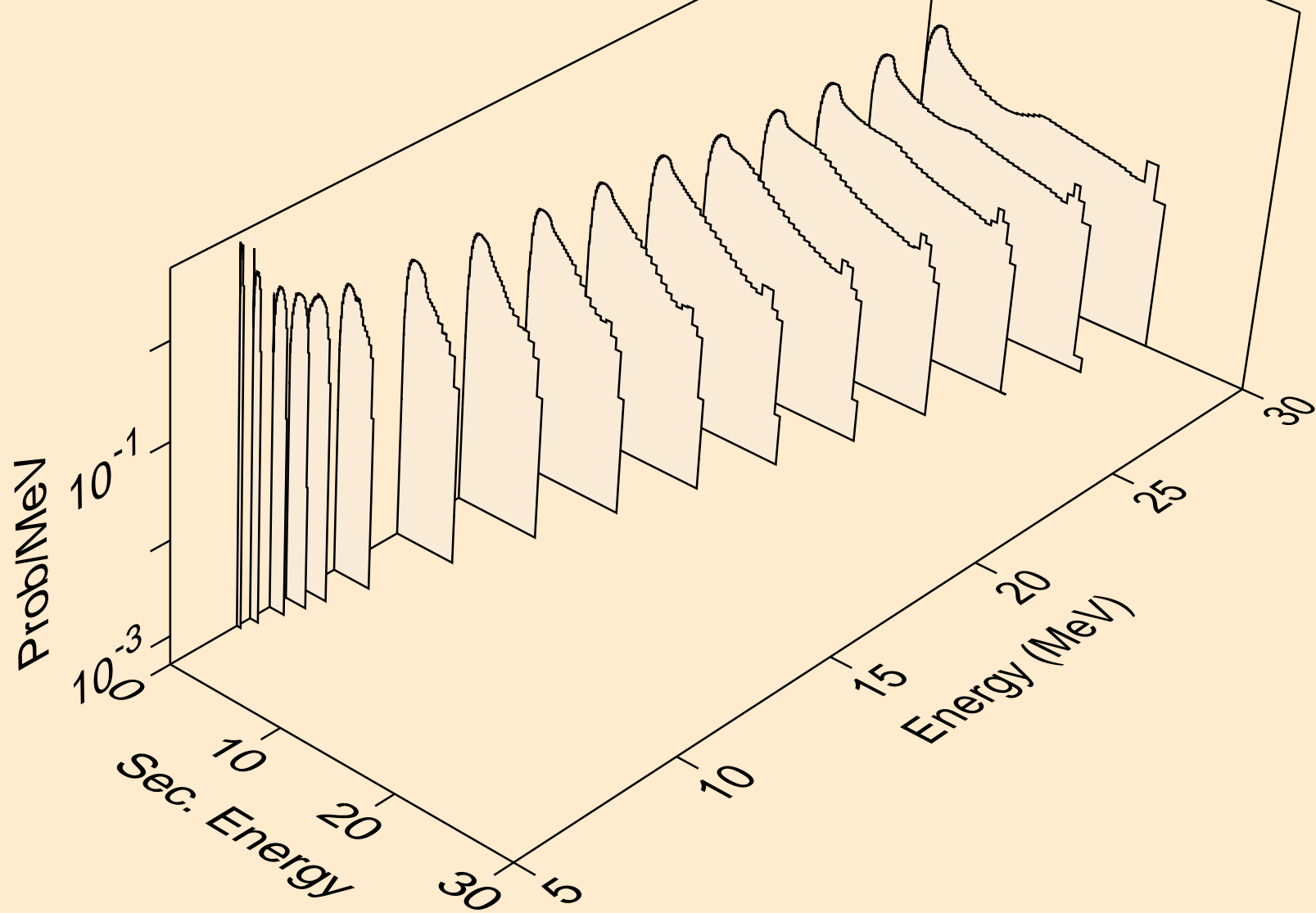
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



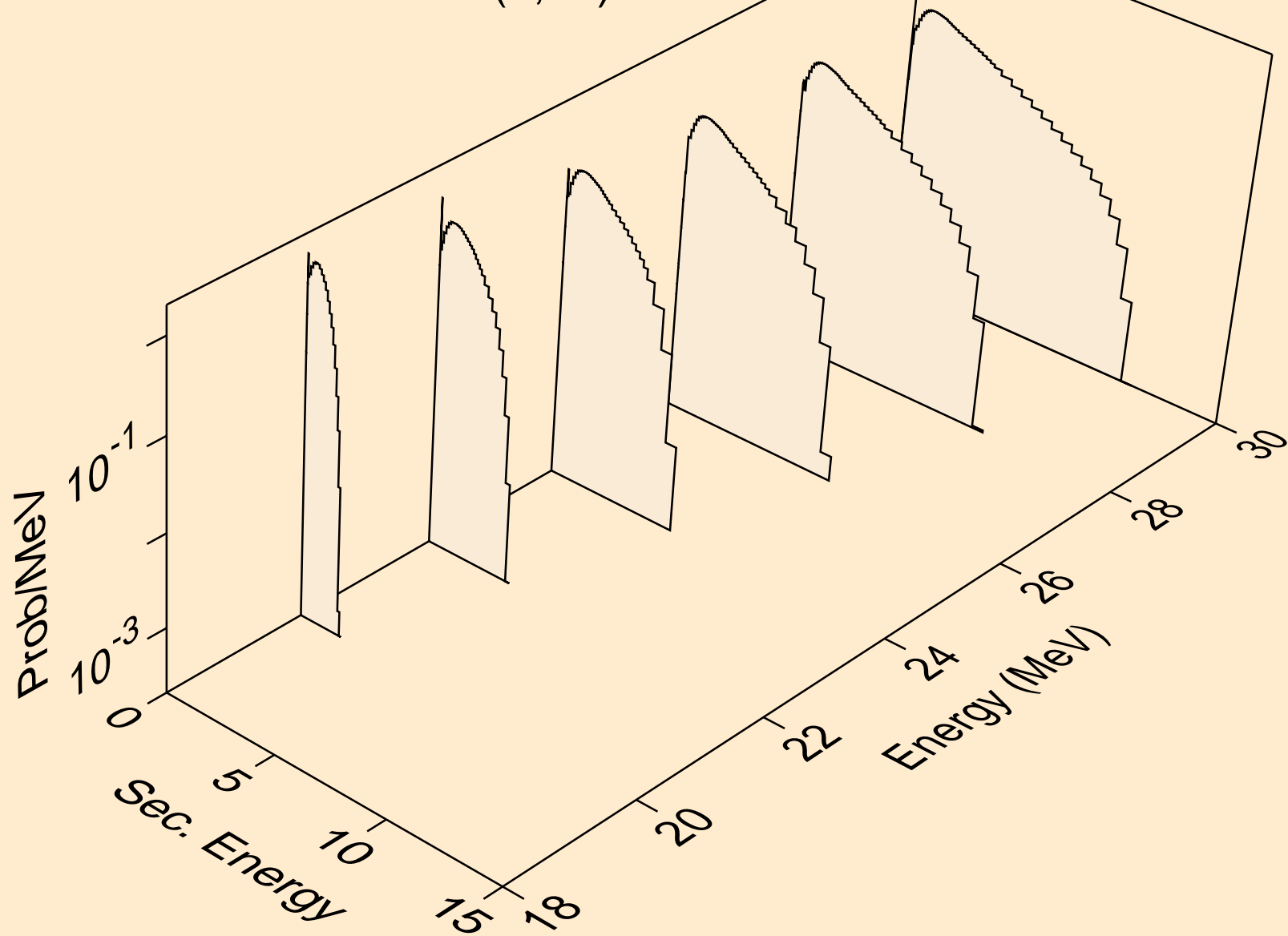
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



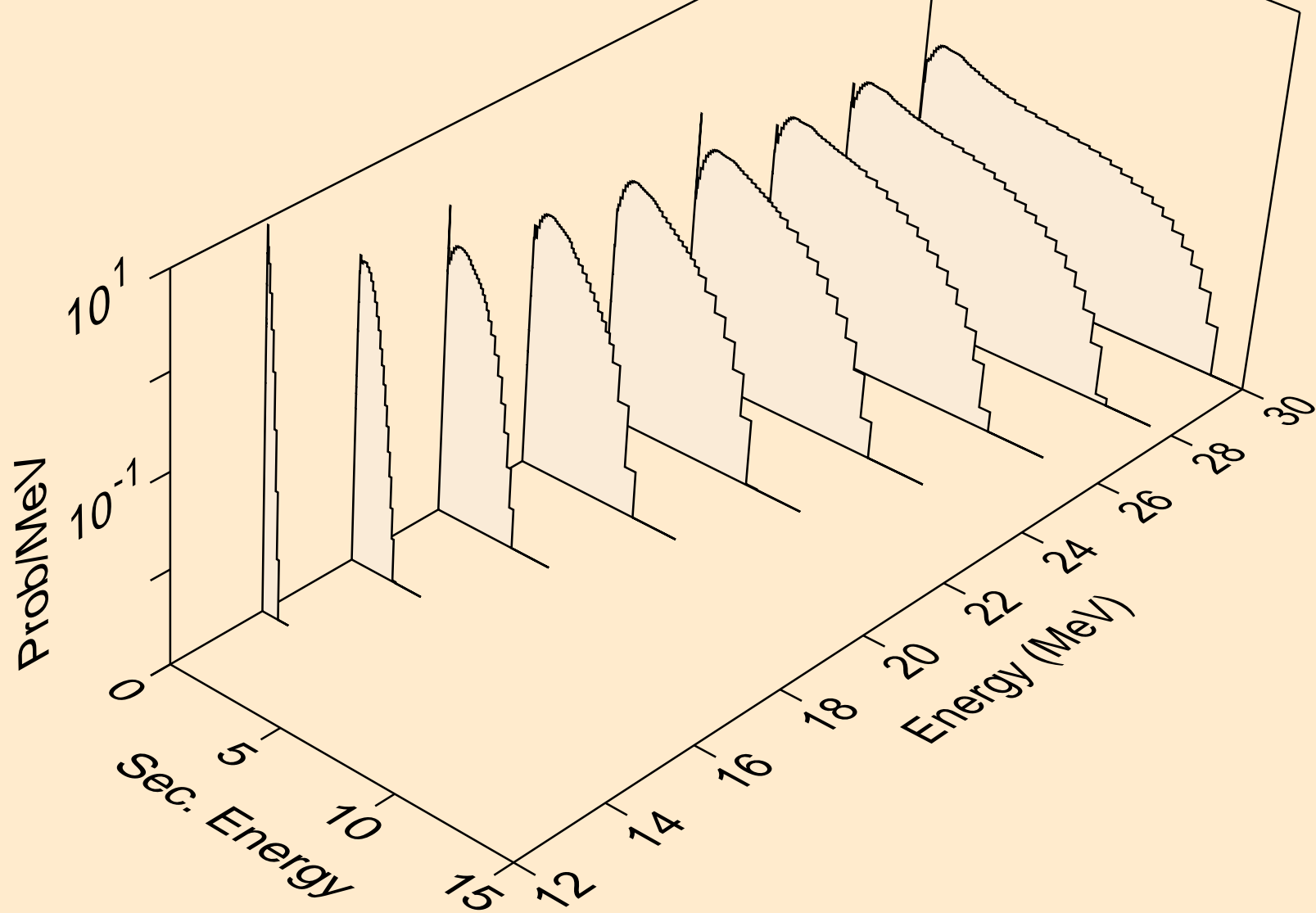
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



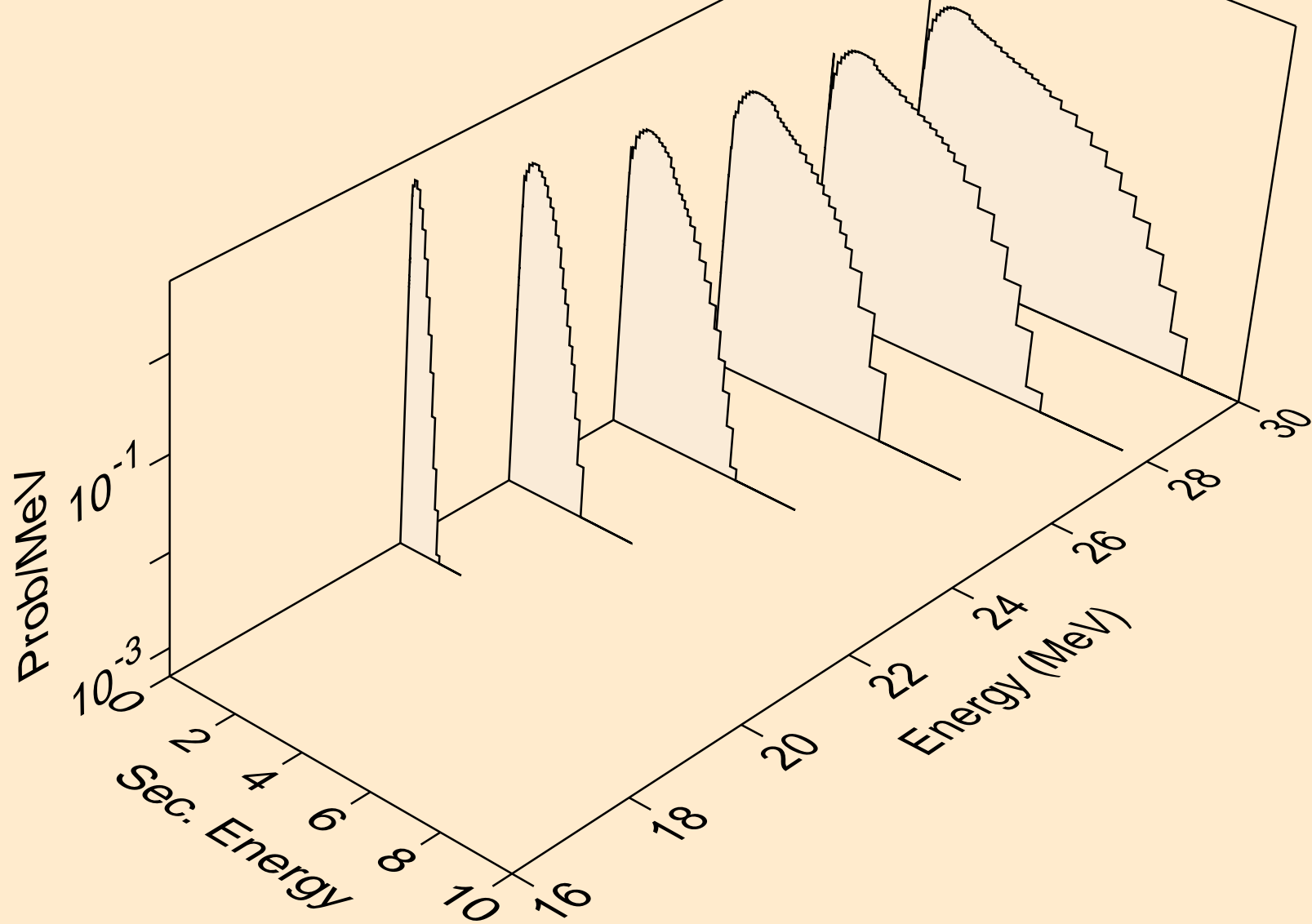
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

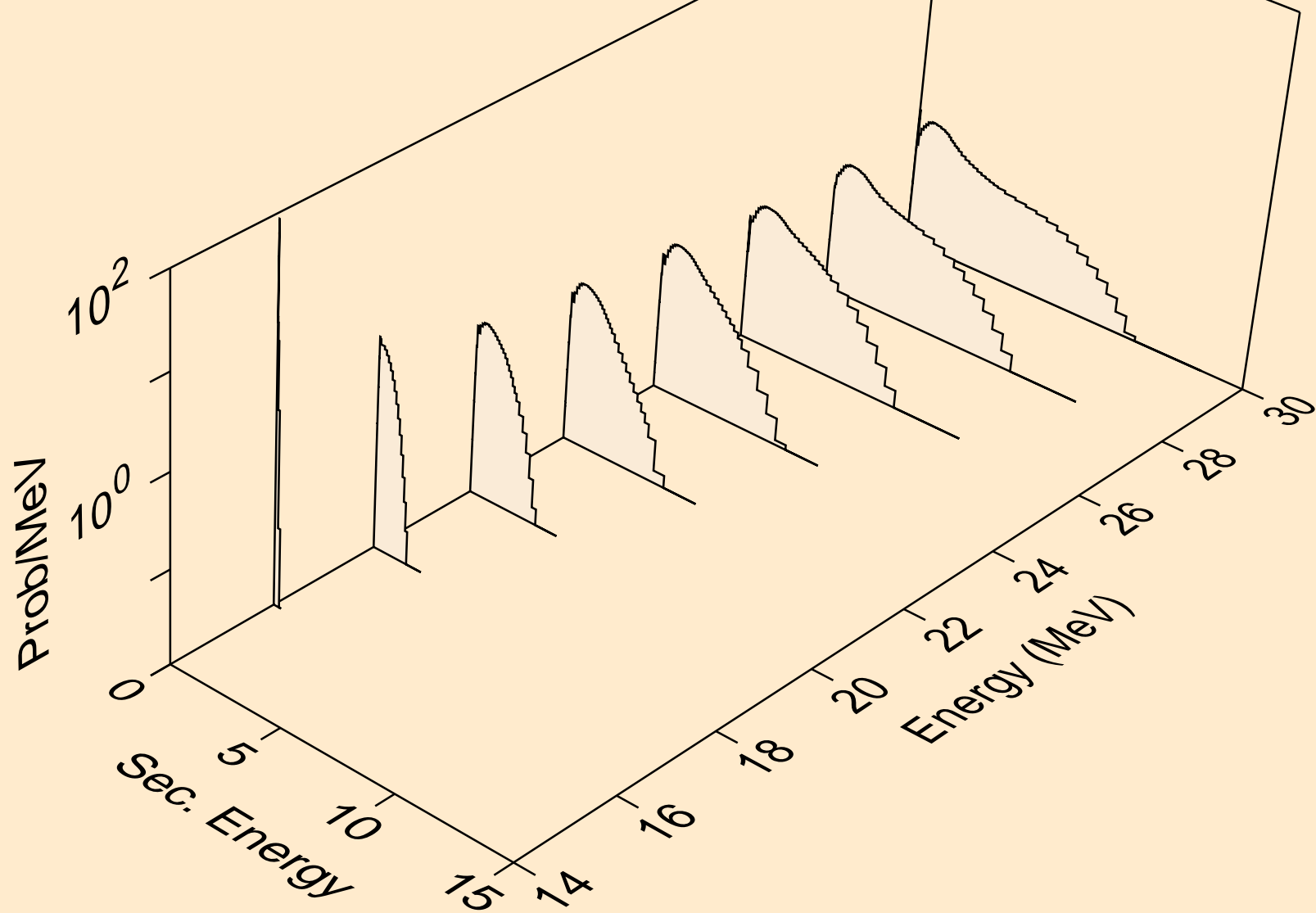


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

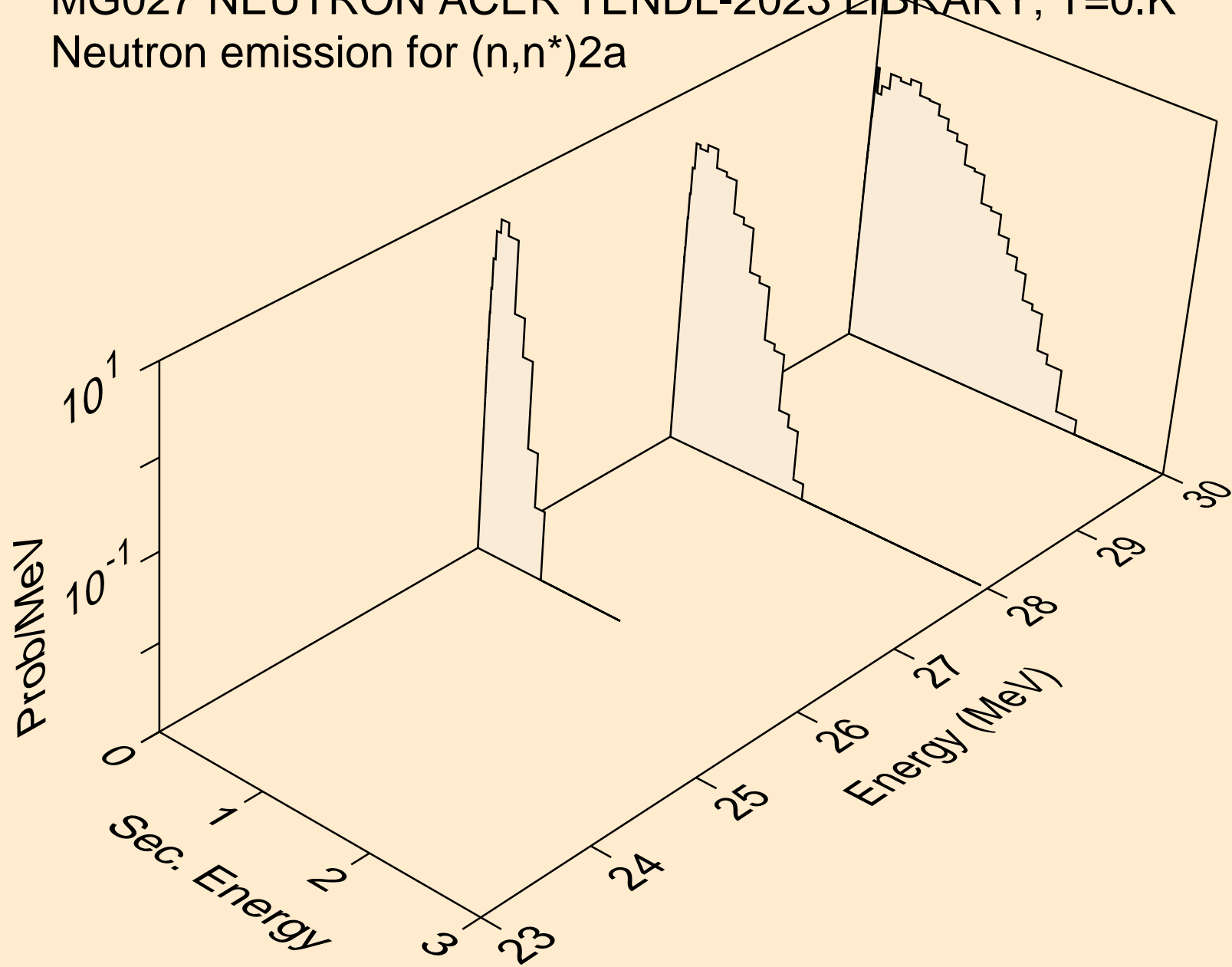




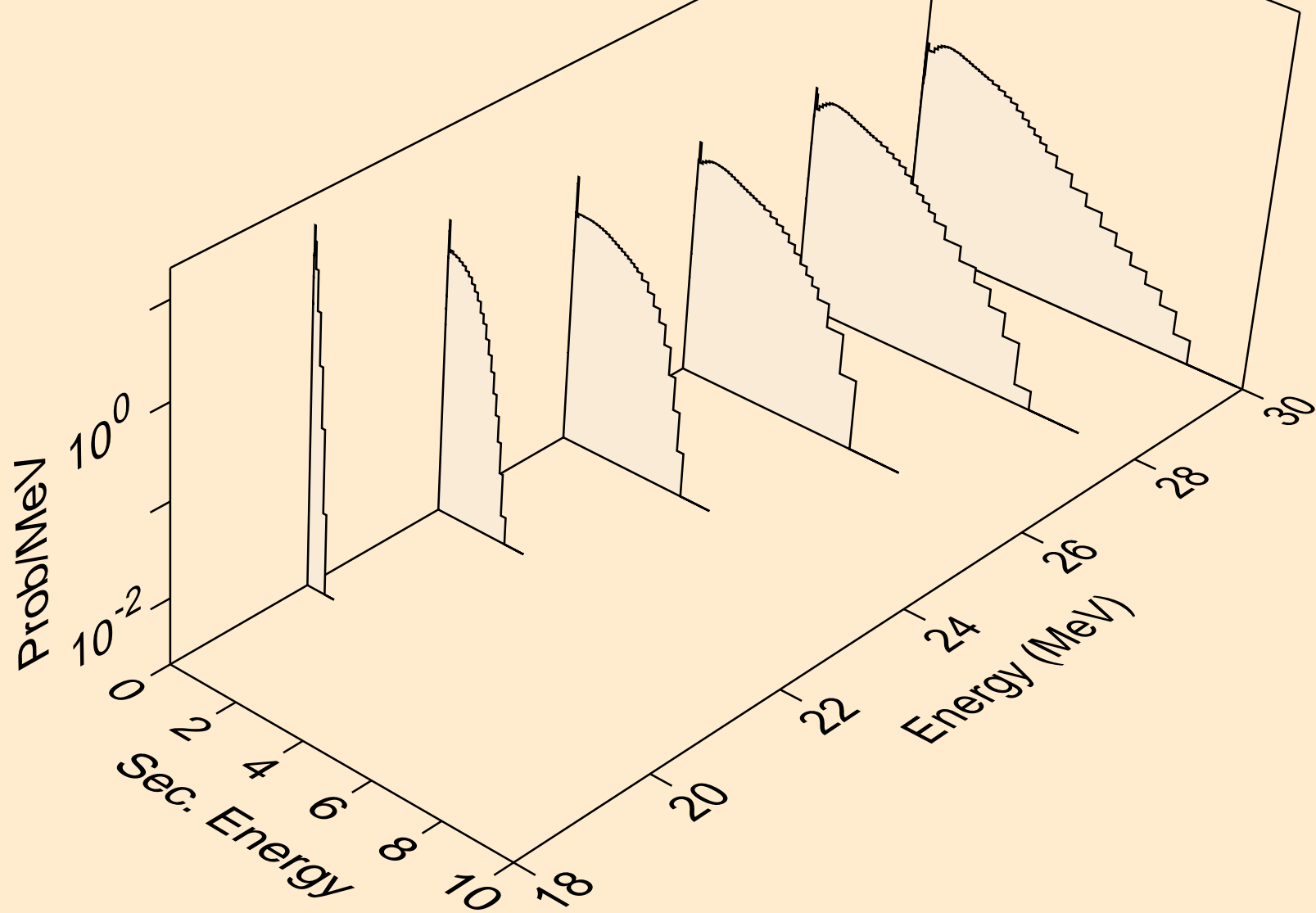
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



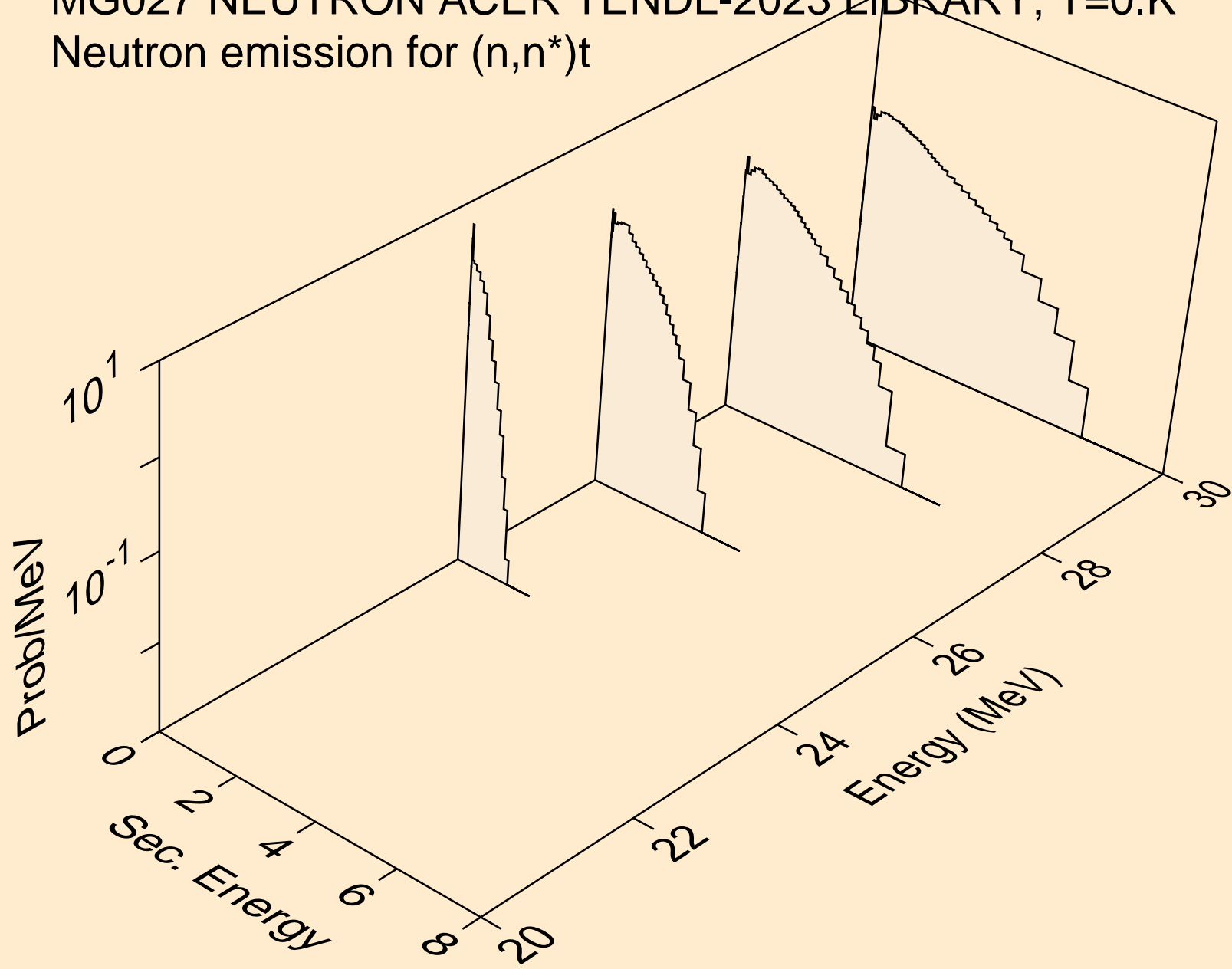
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



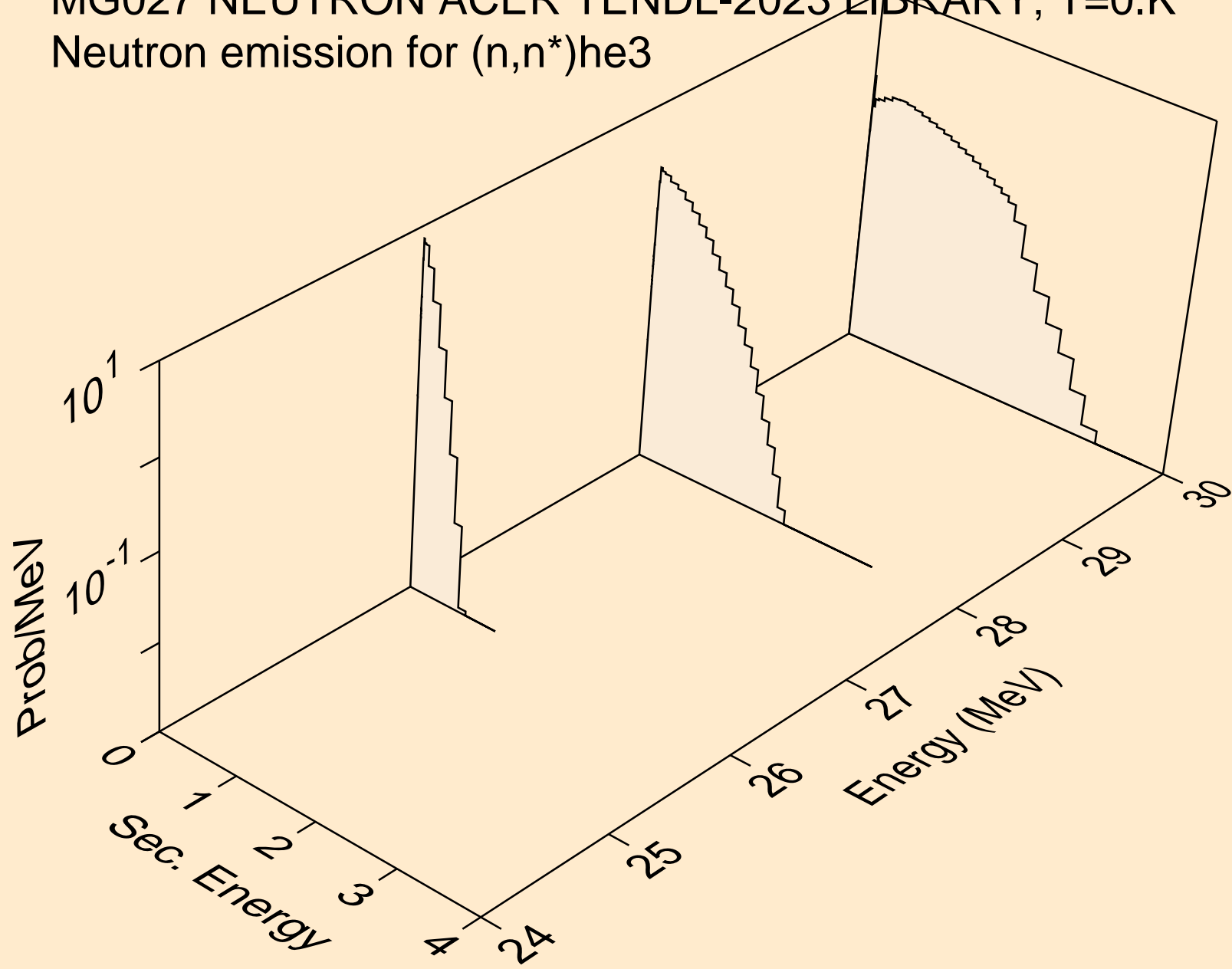
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



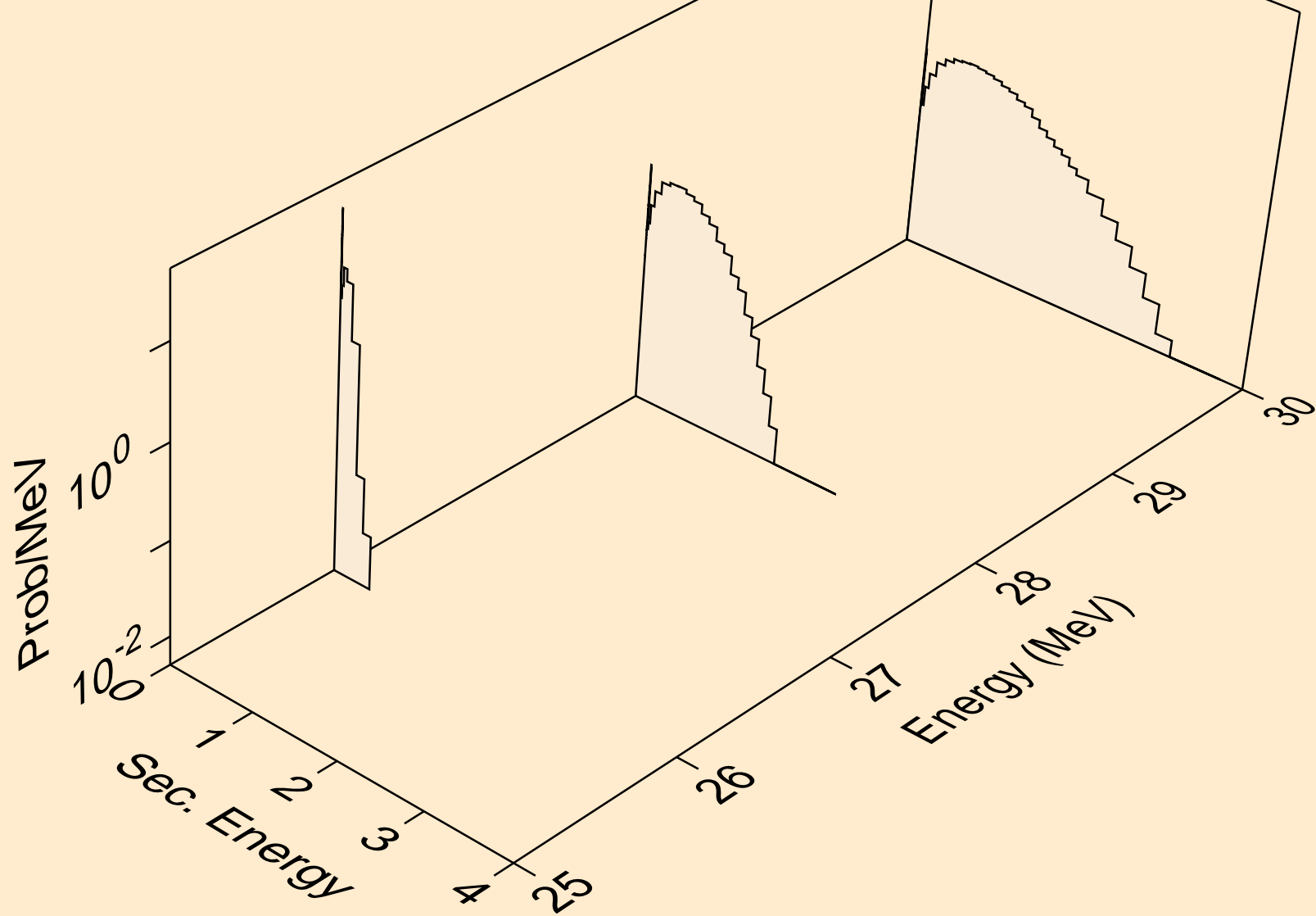
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



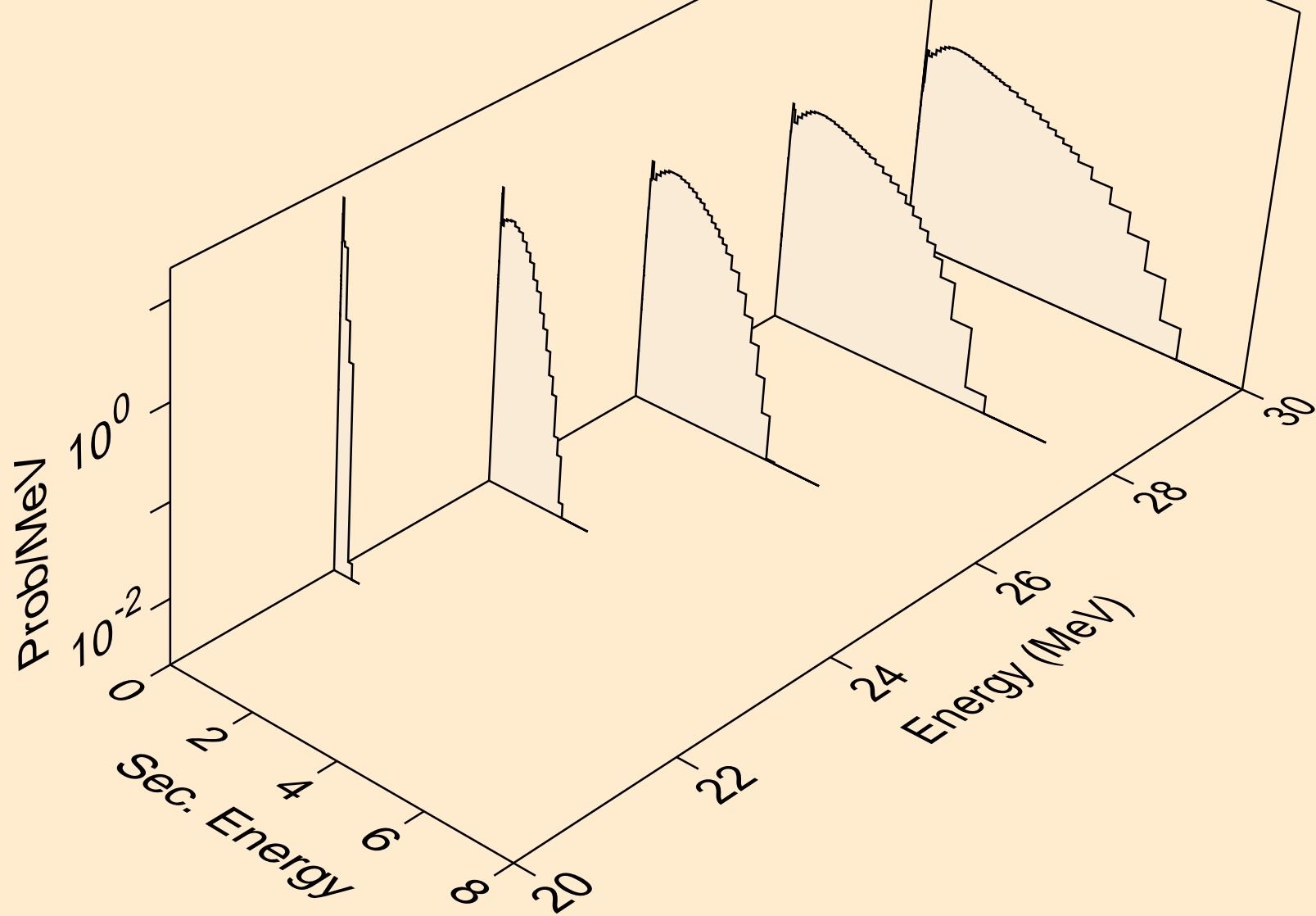
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



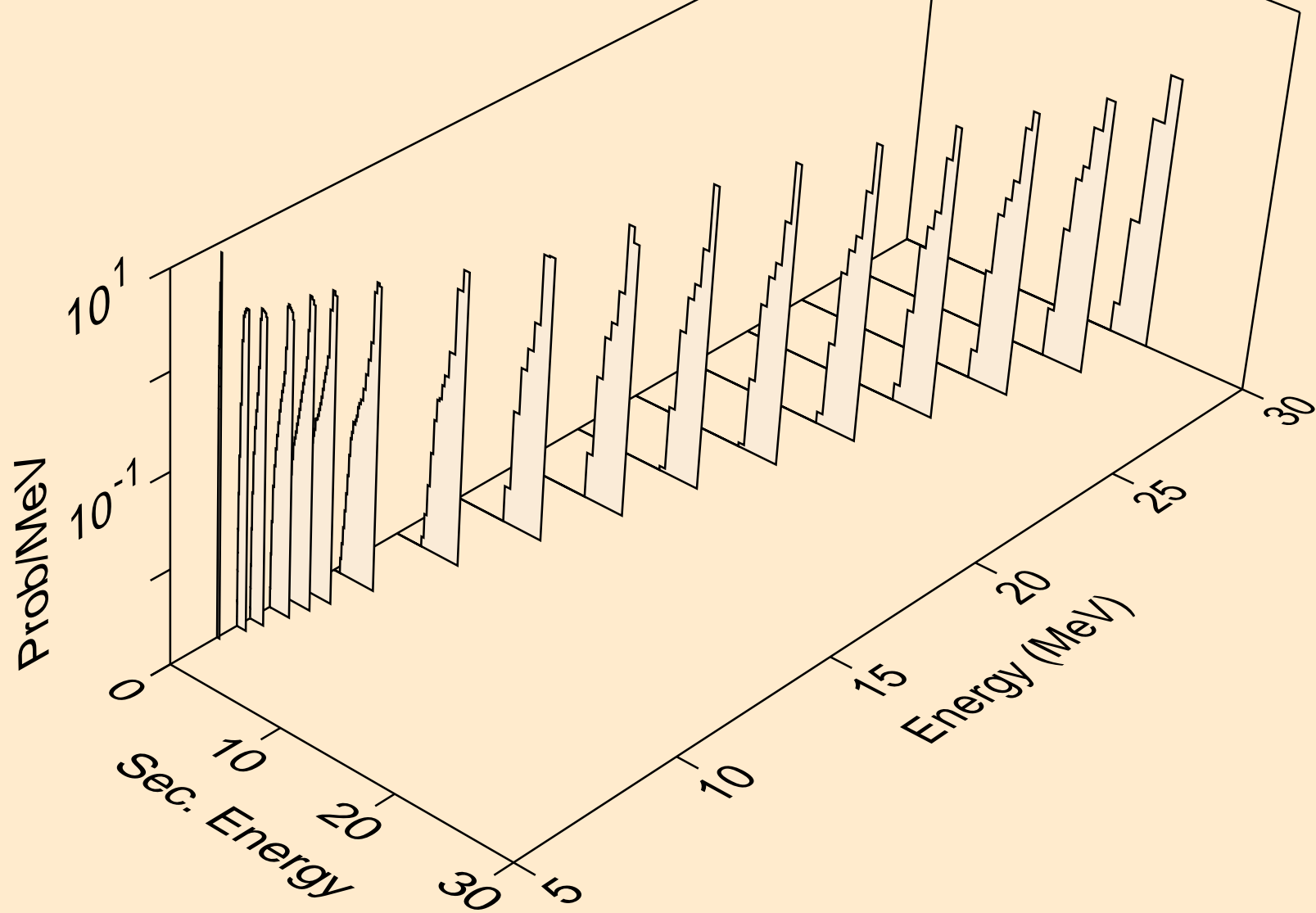
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

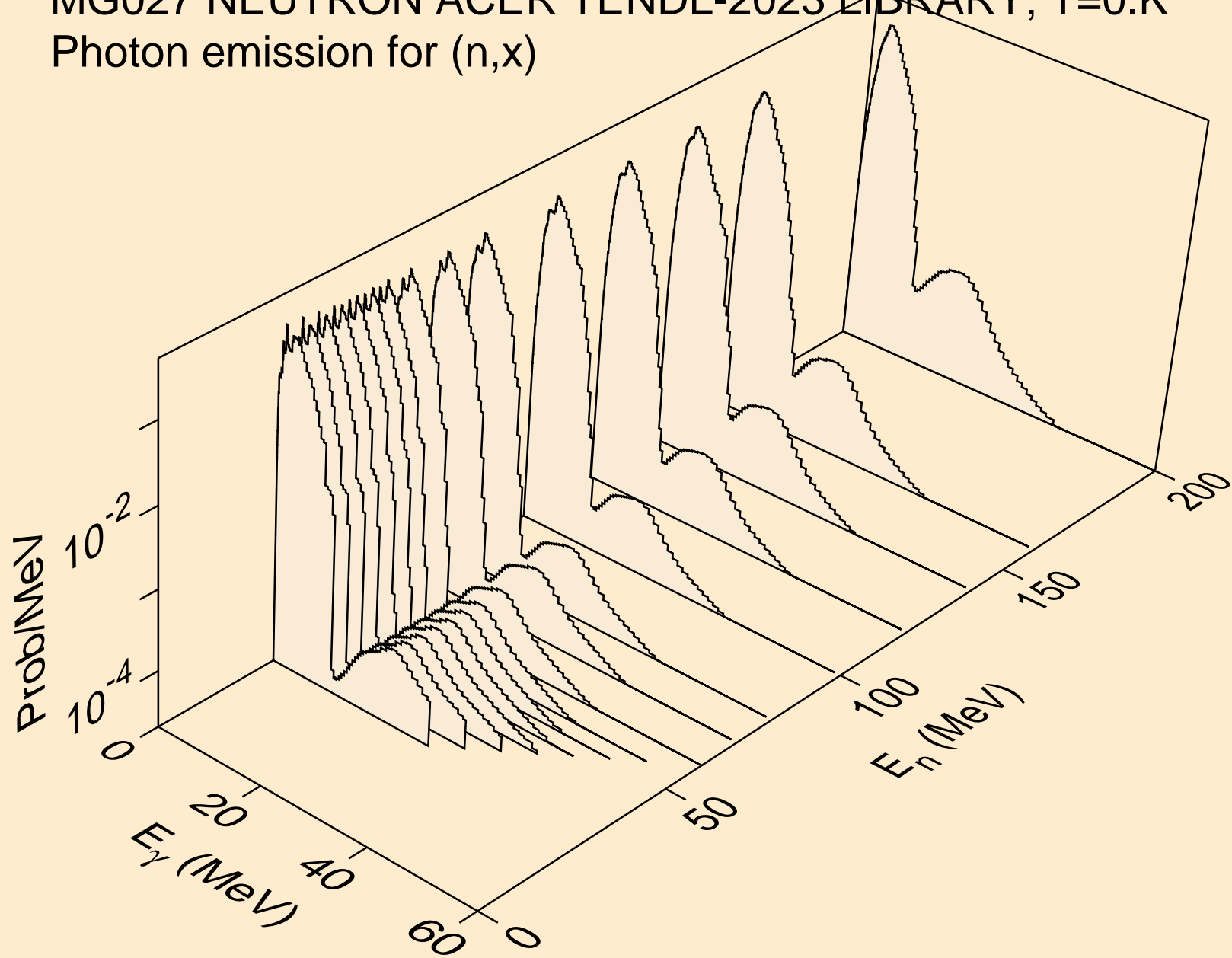


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

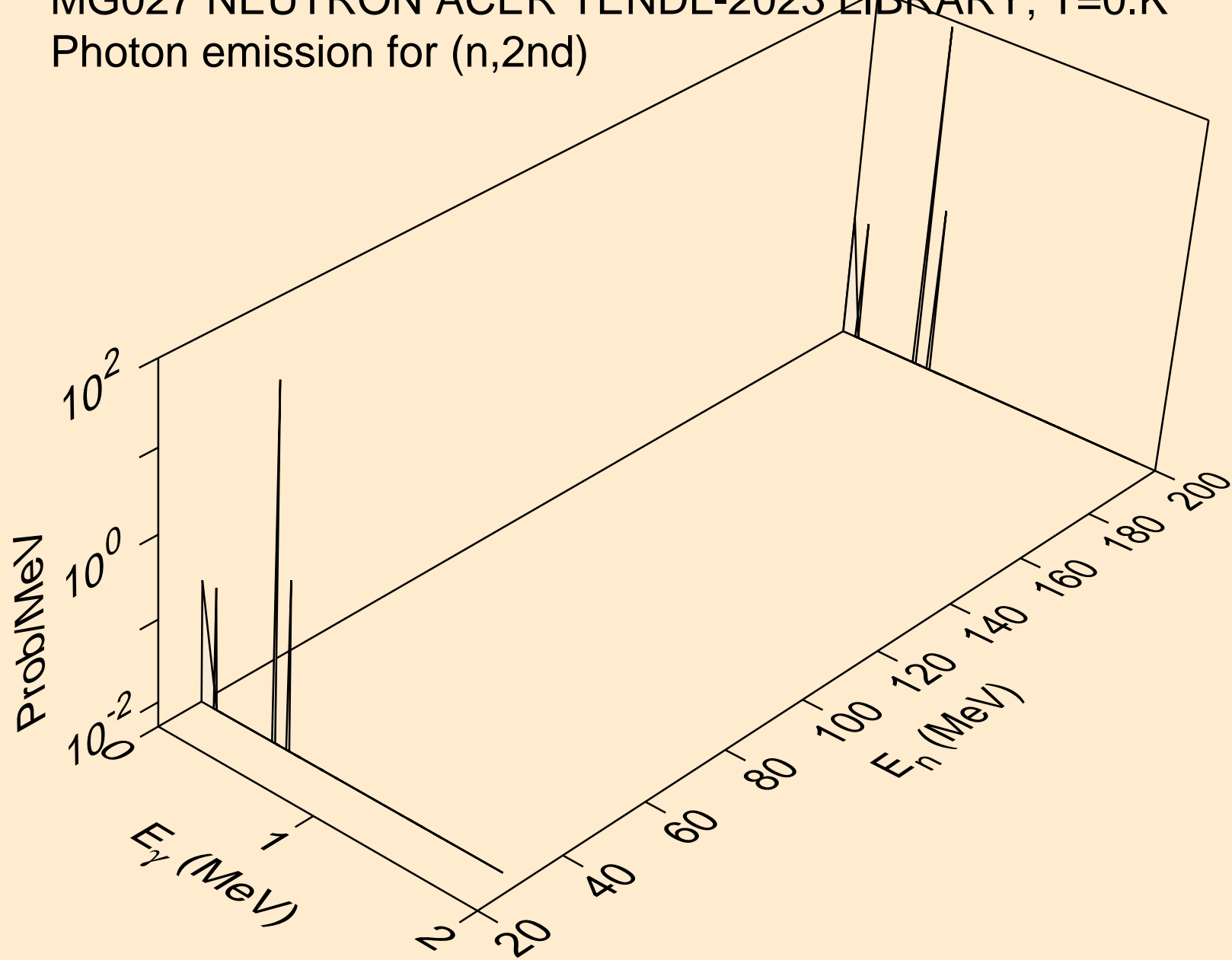




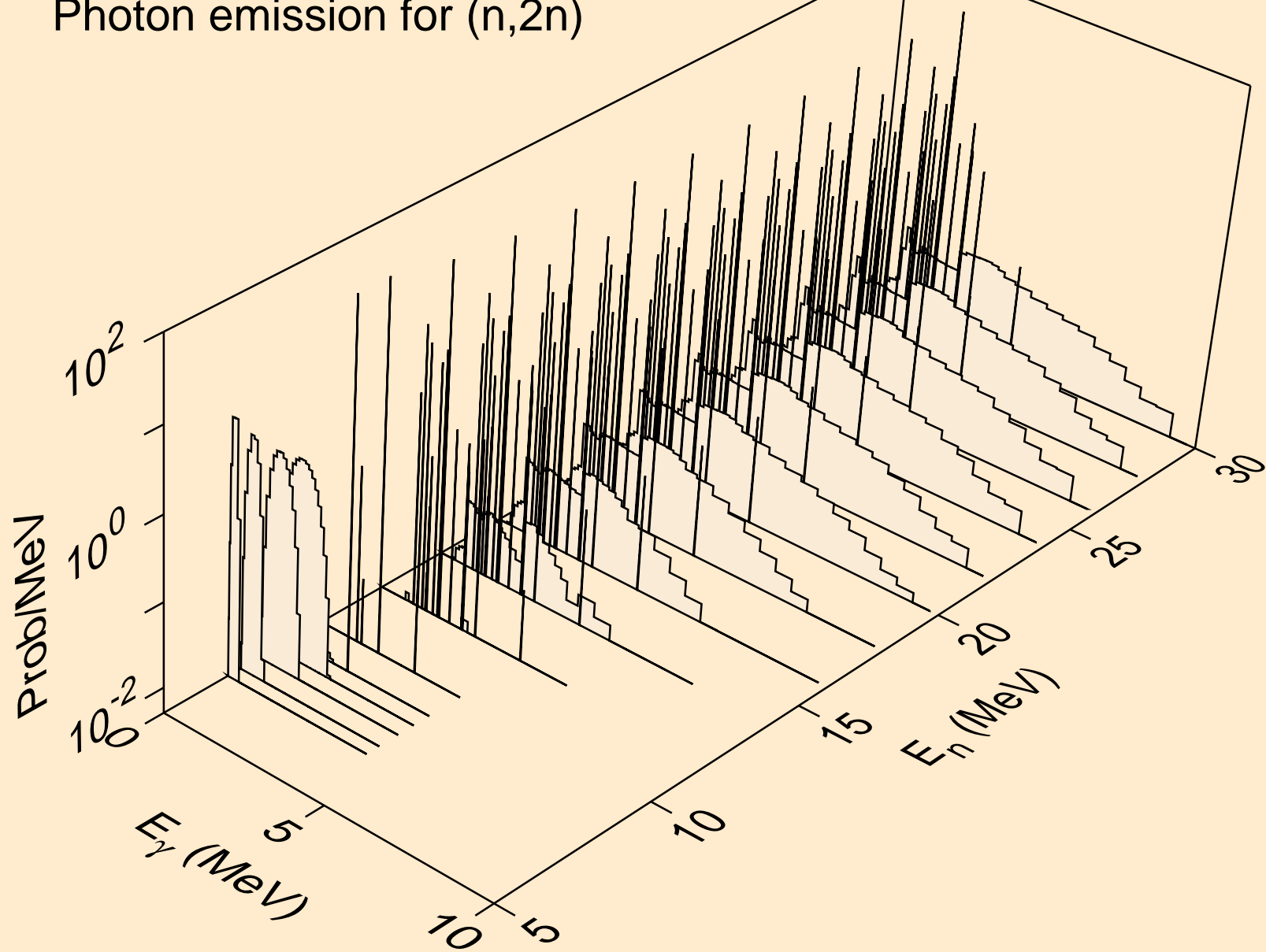
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



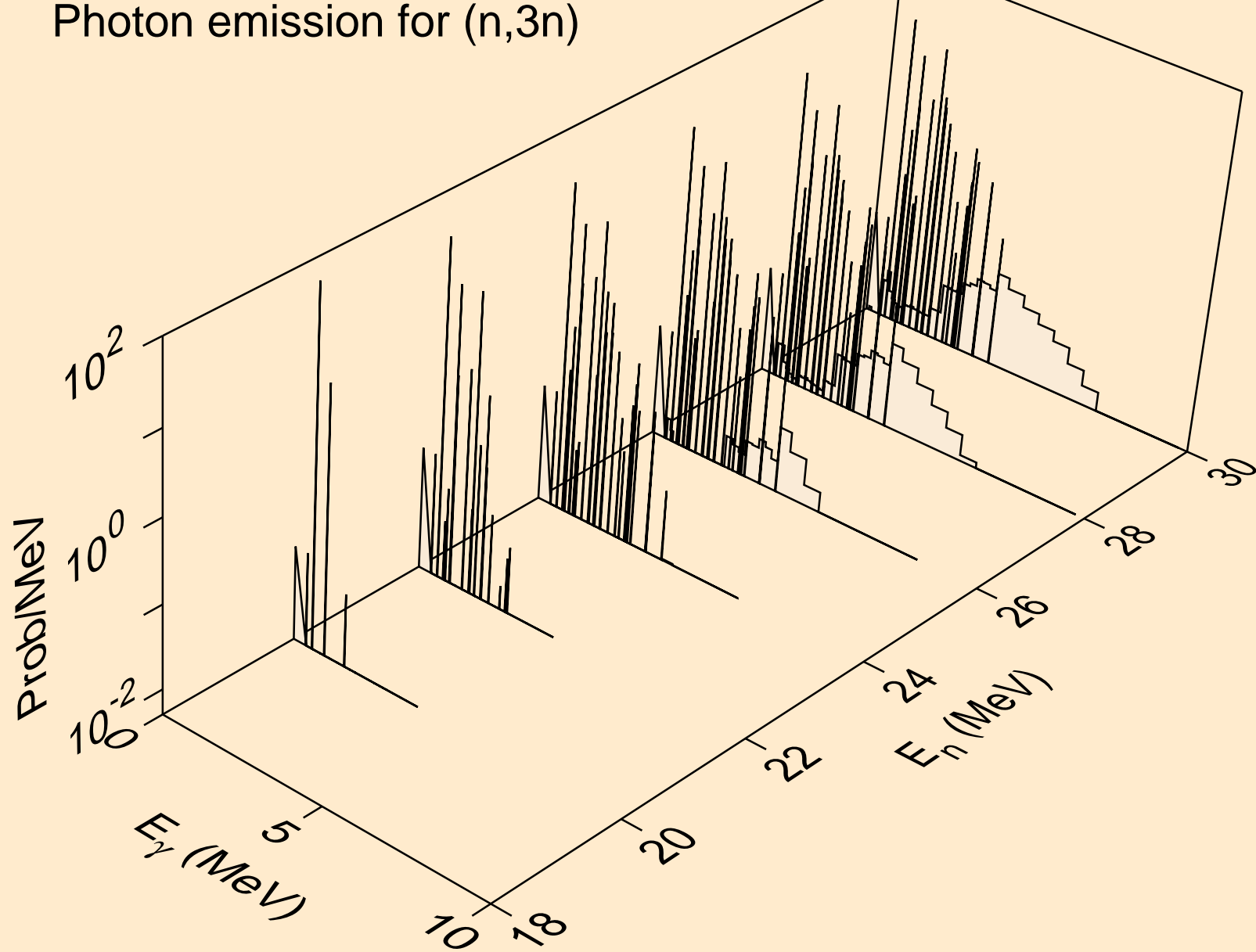
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



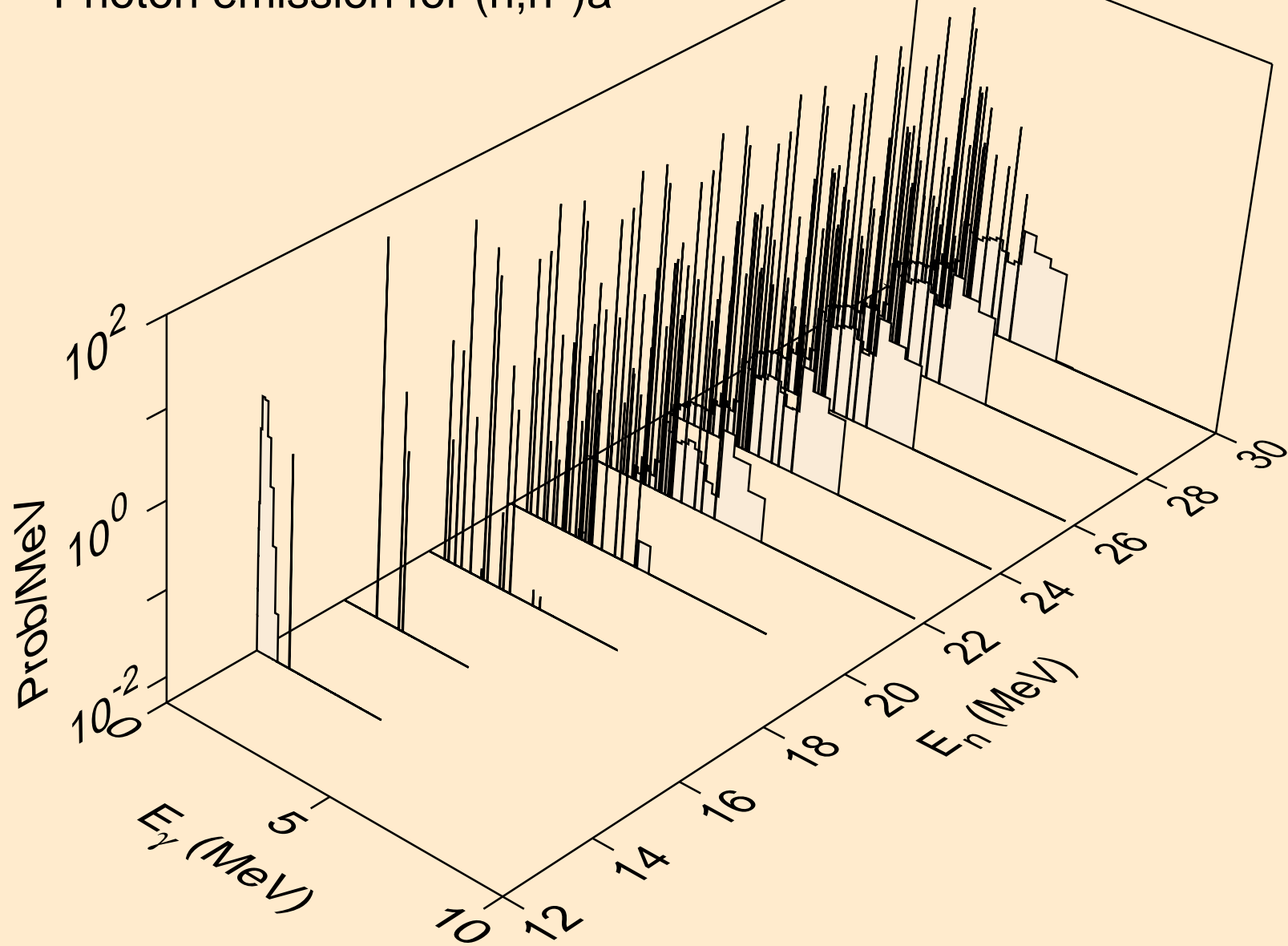
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



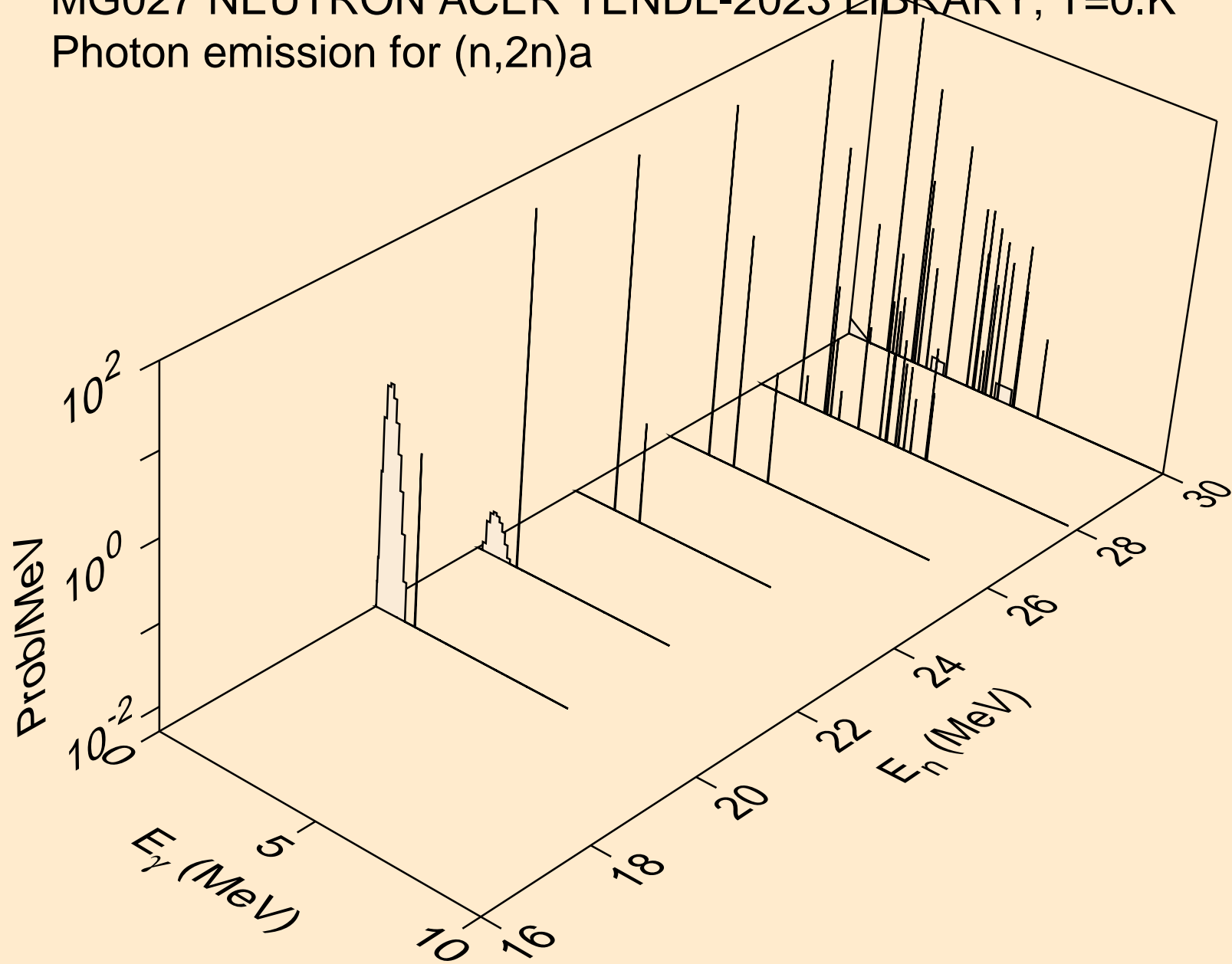
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



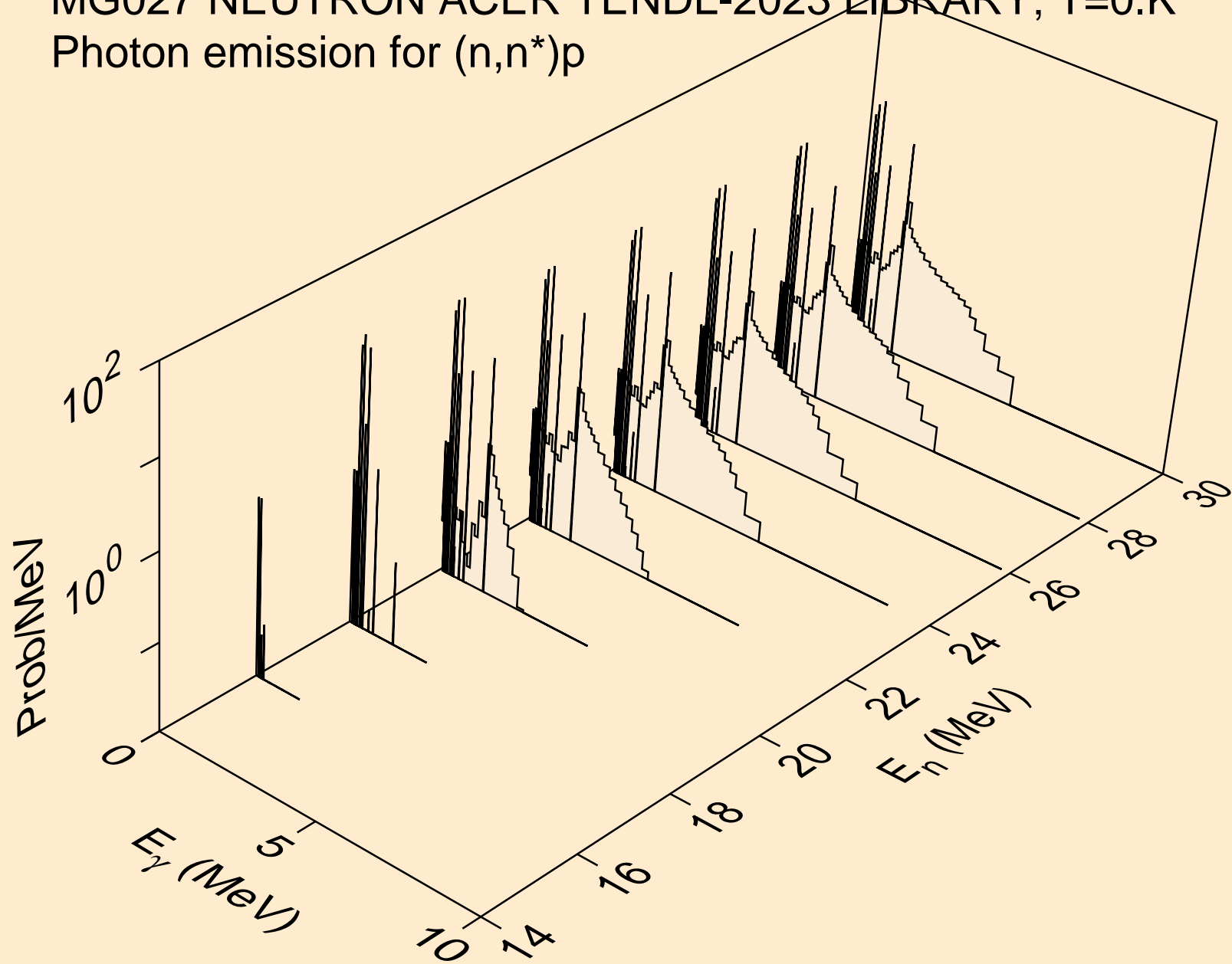
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



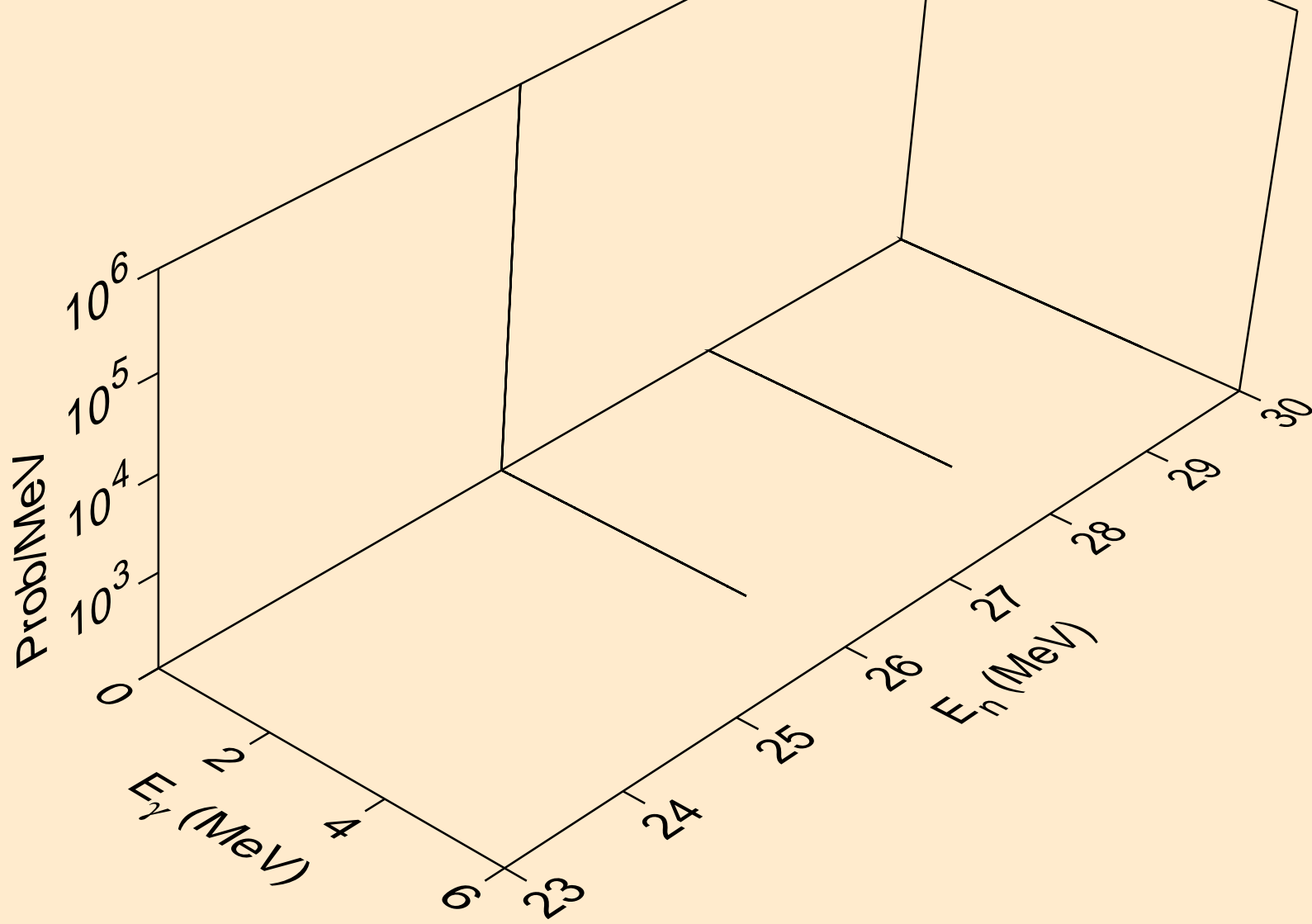
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

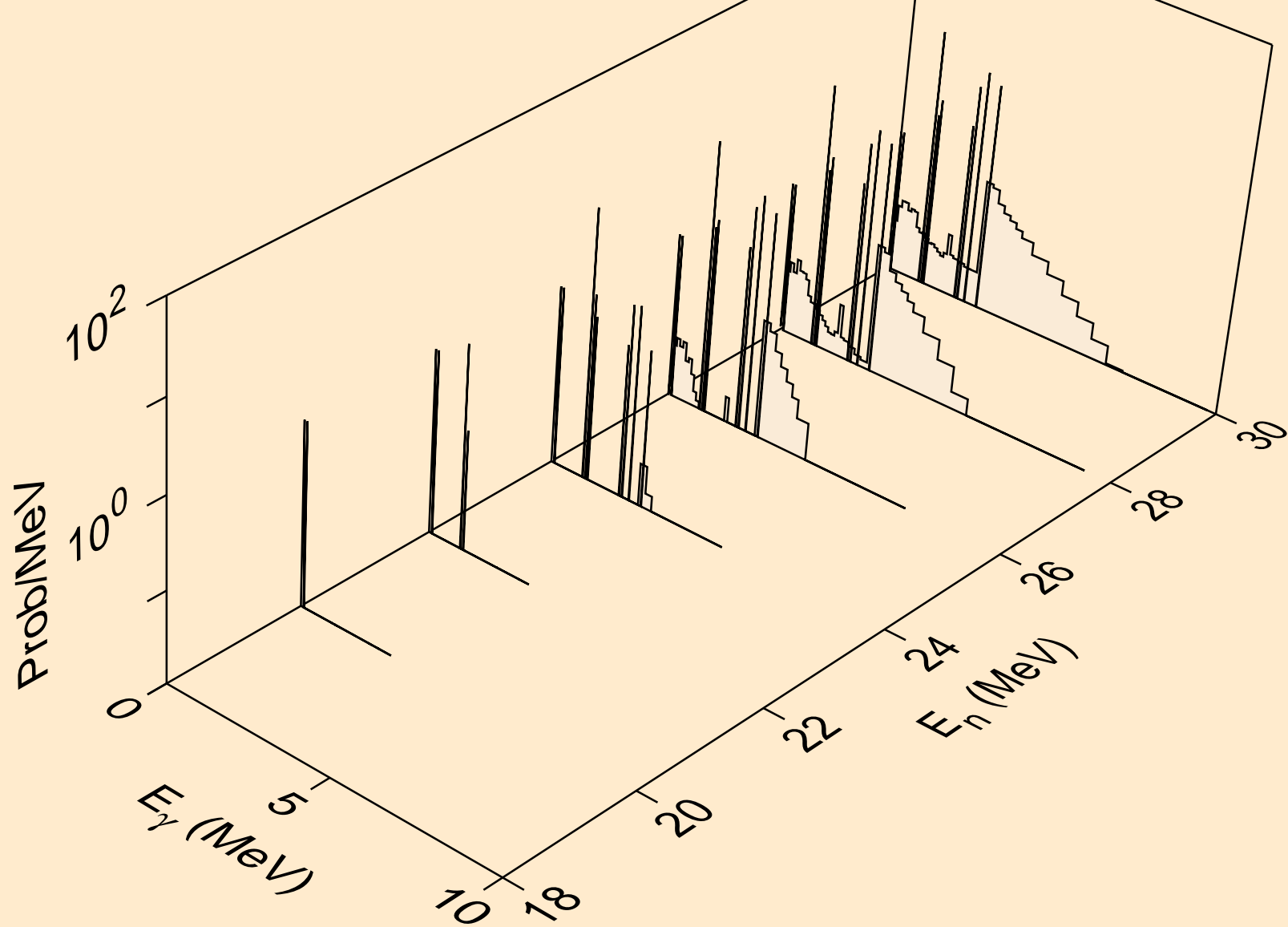


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a

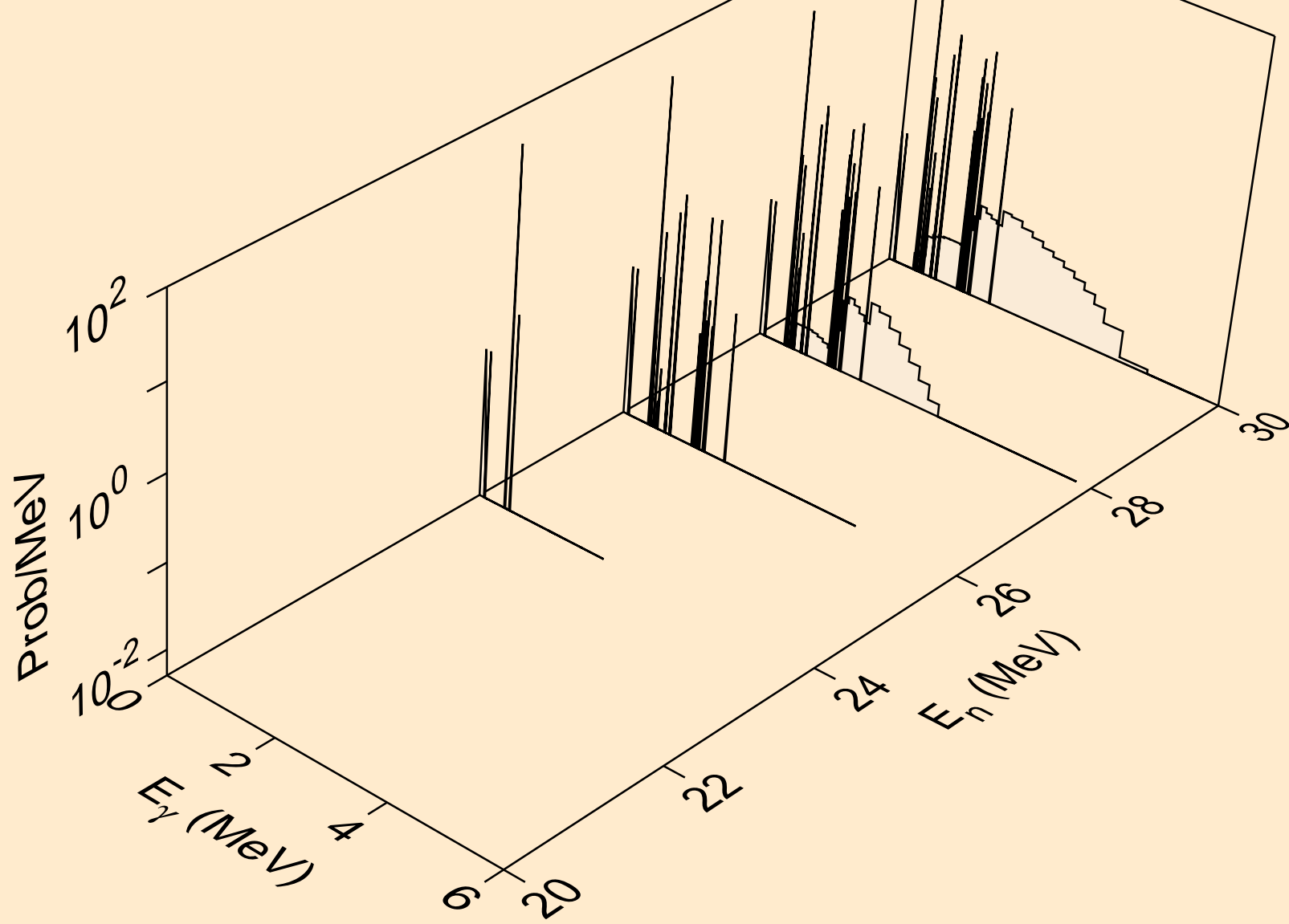




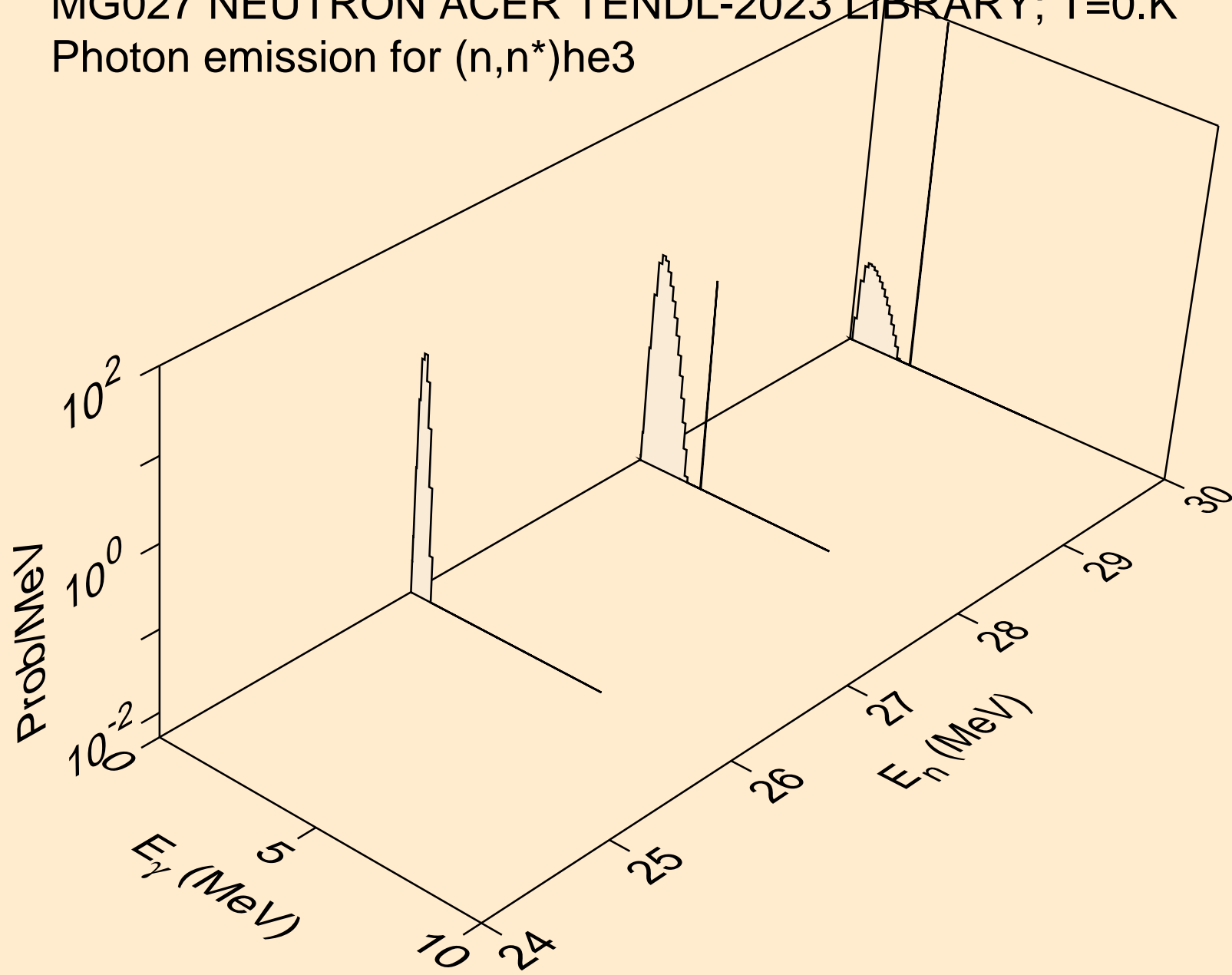
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



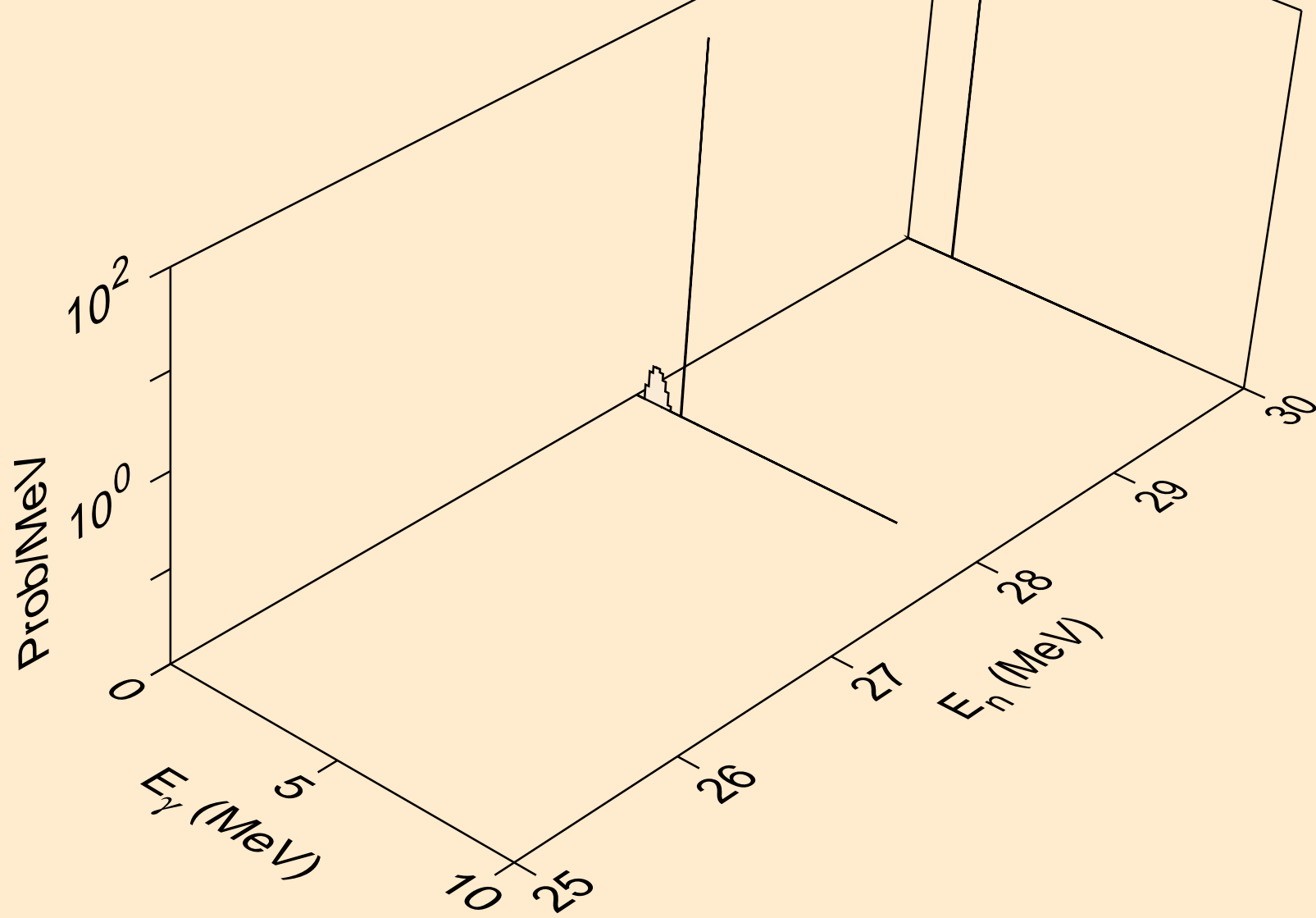
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



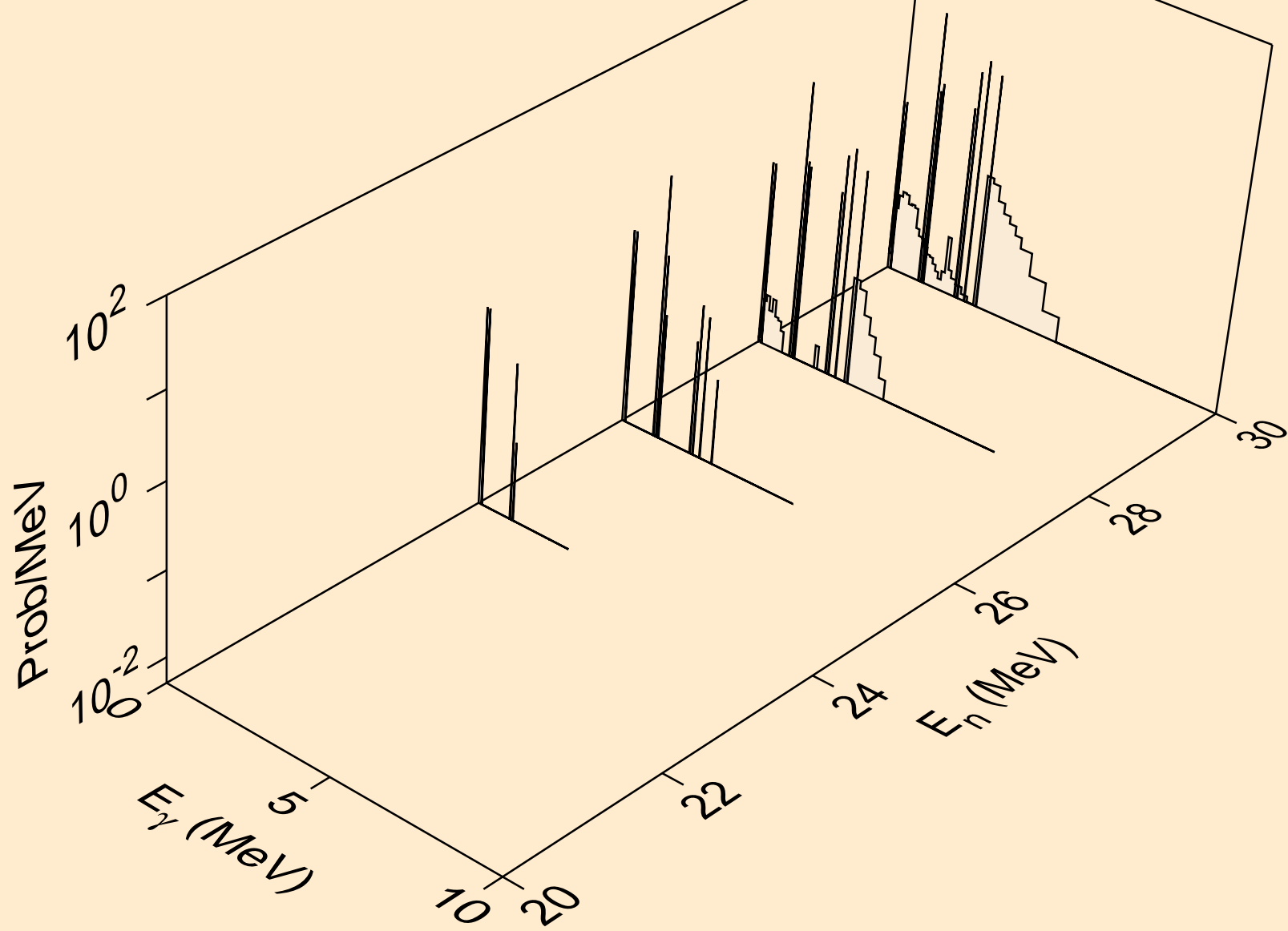
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



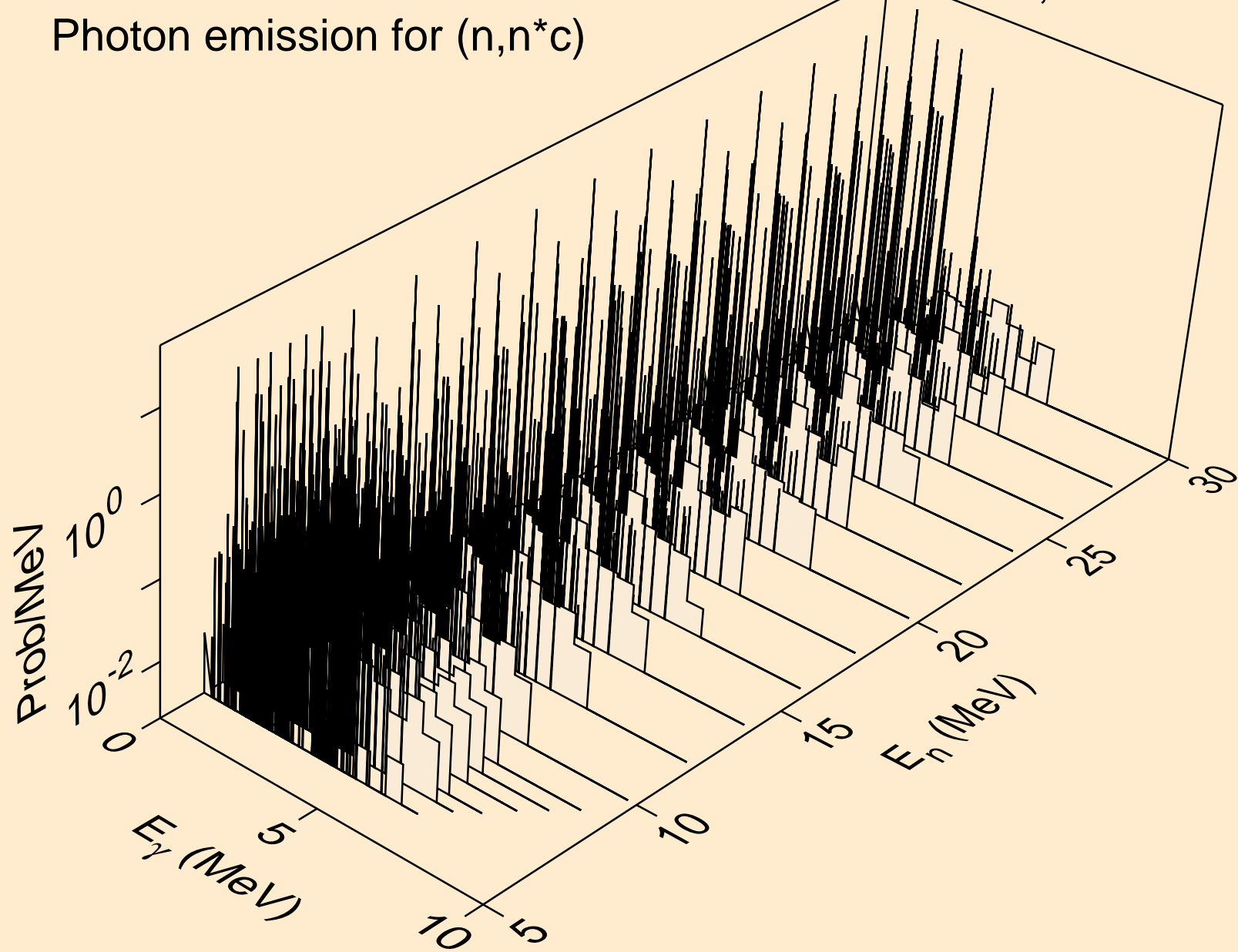
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



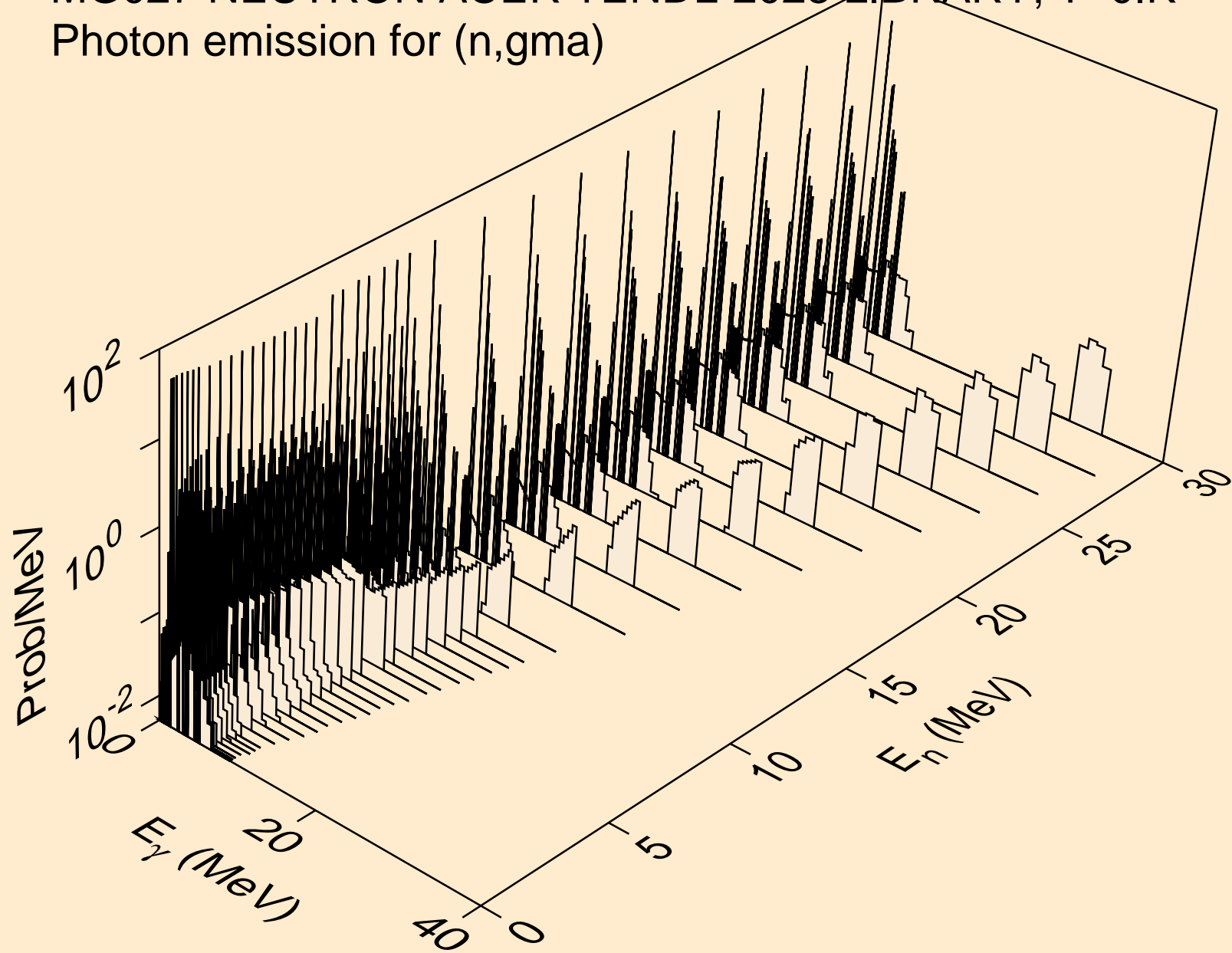
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



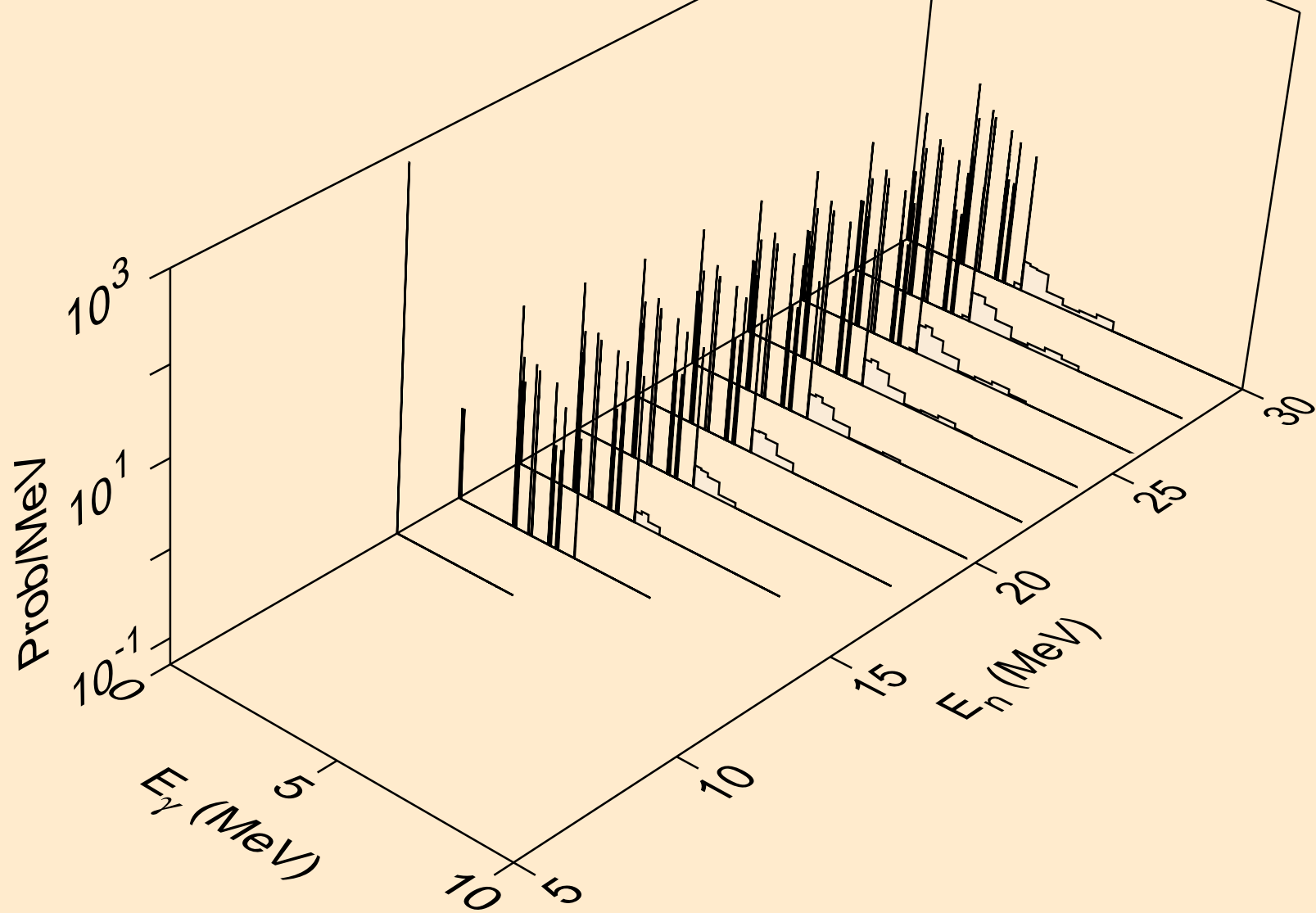
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

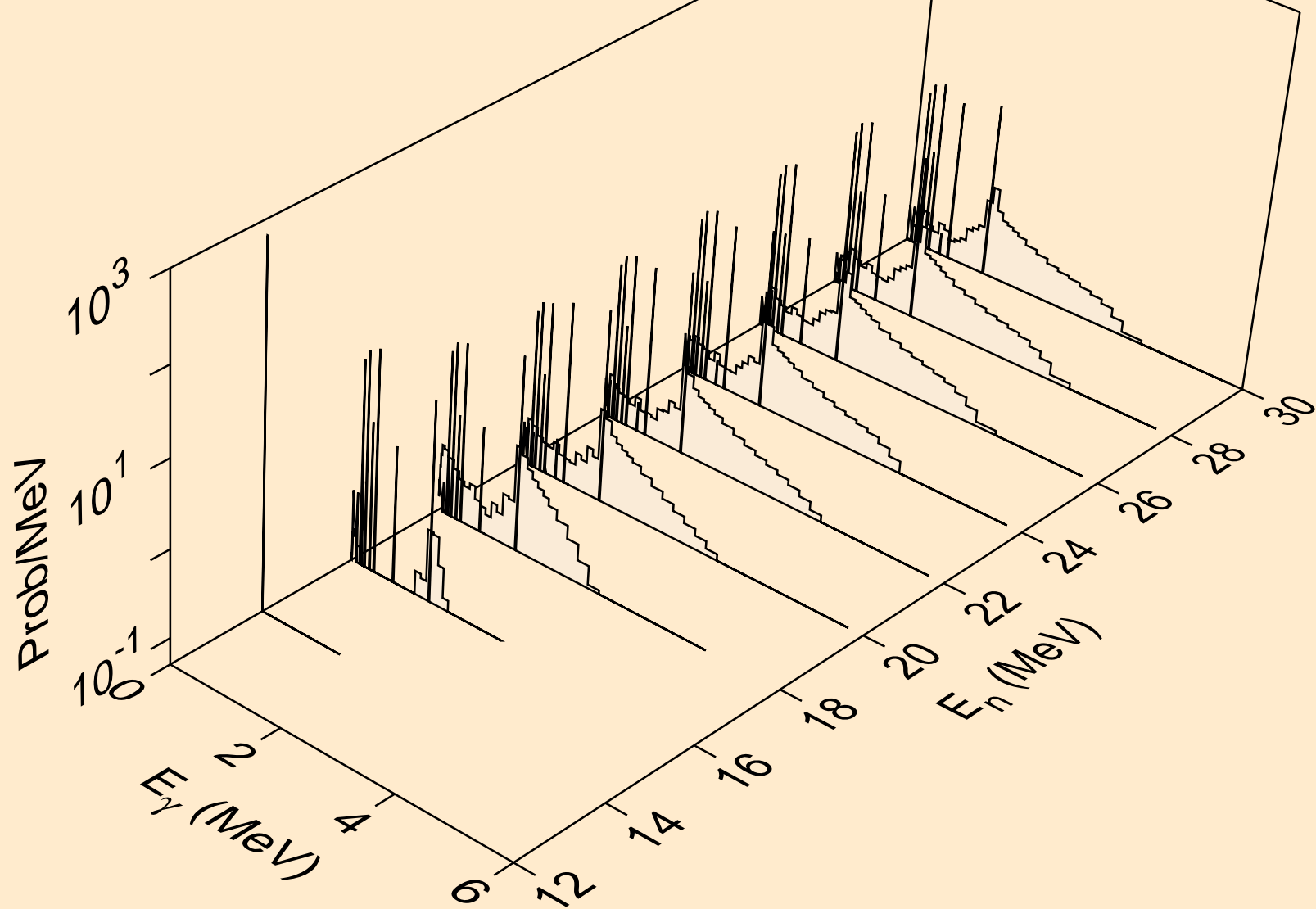


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

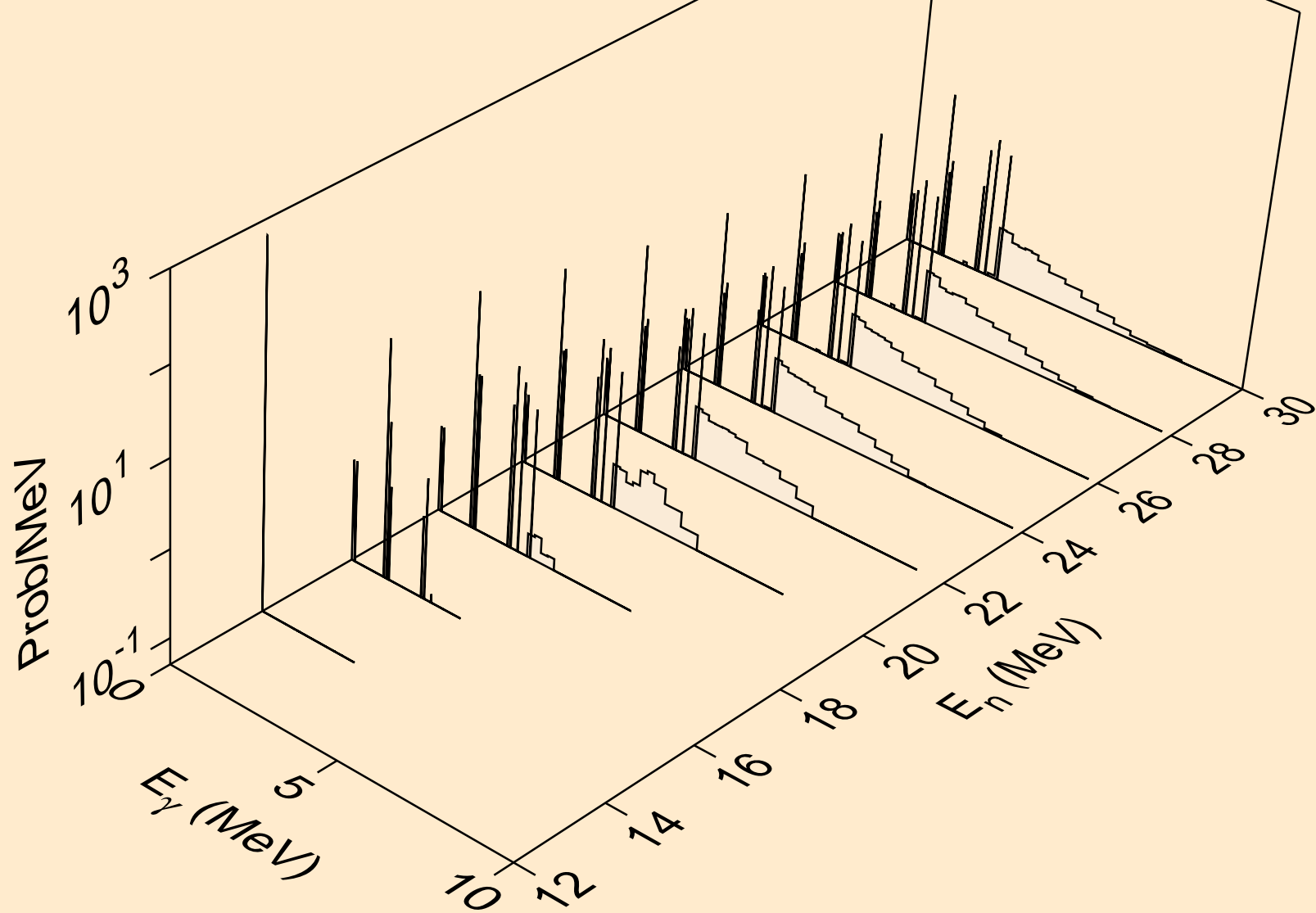




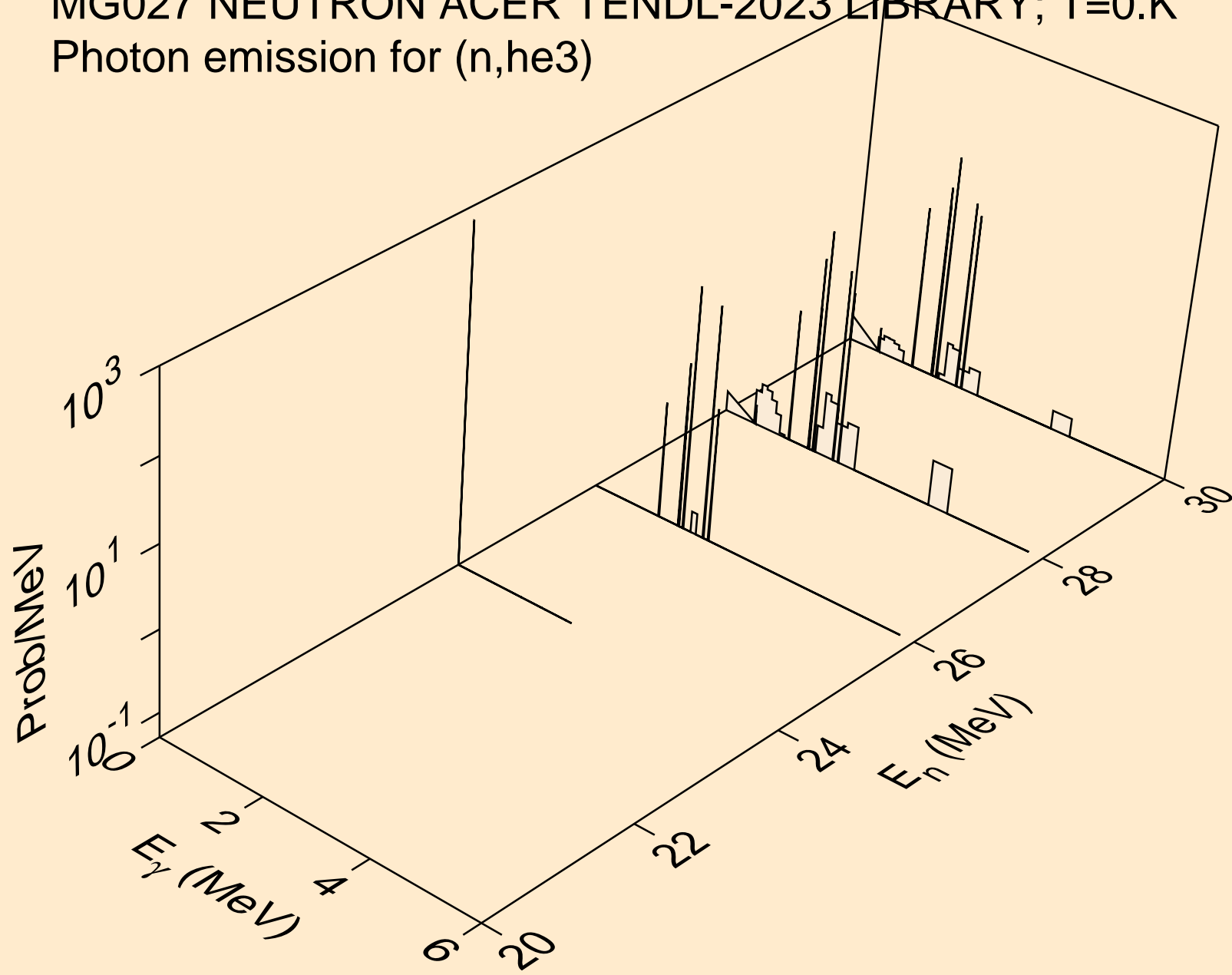
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



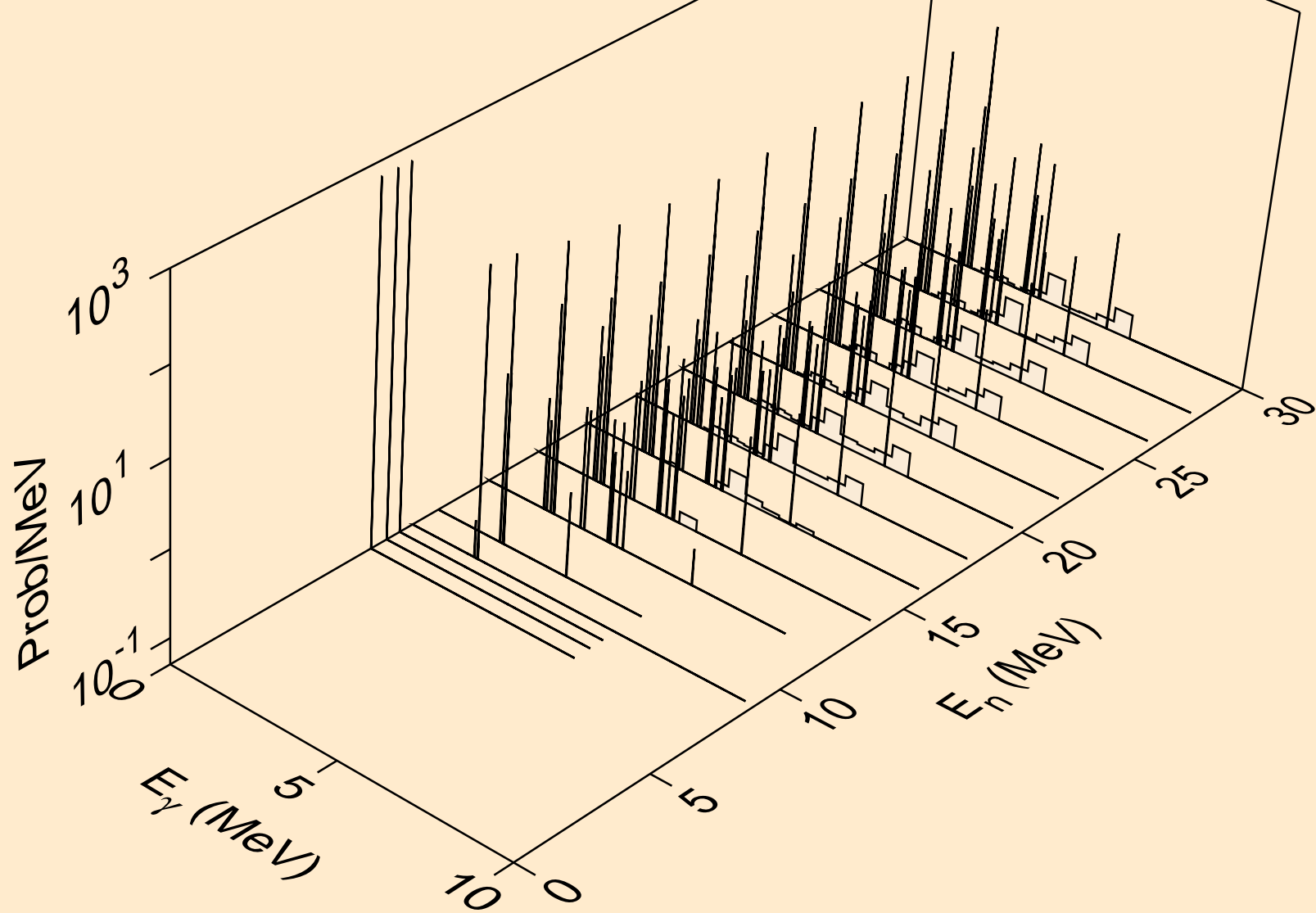
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



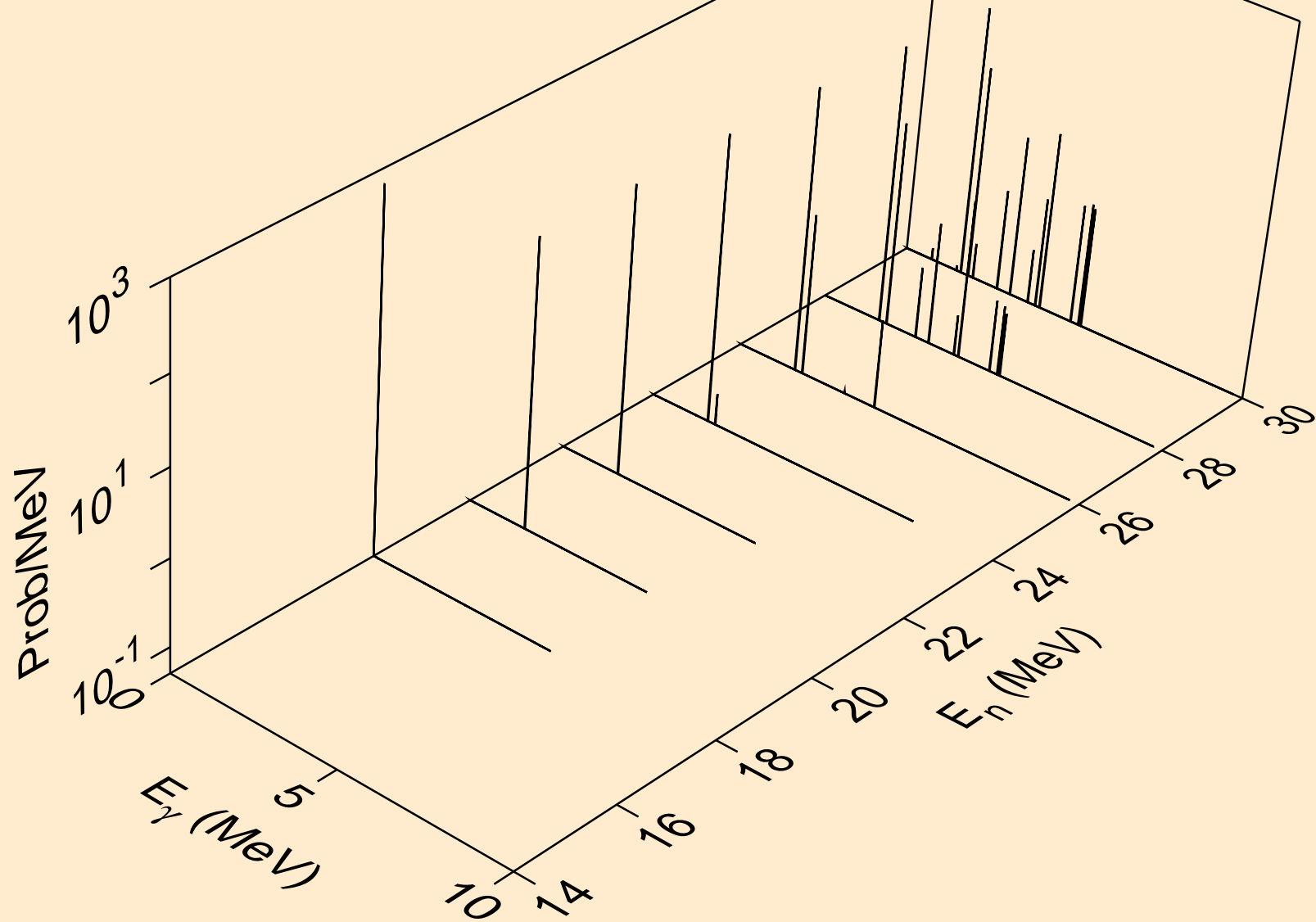
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



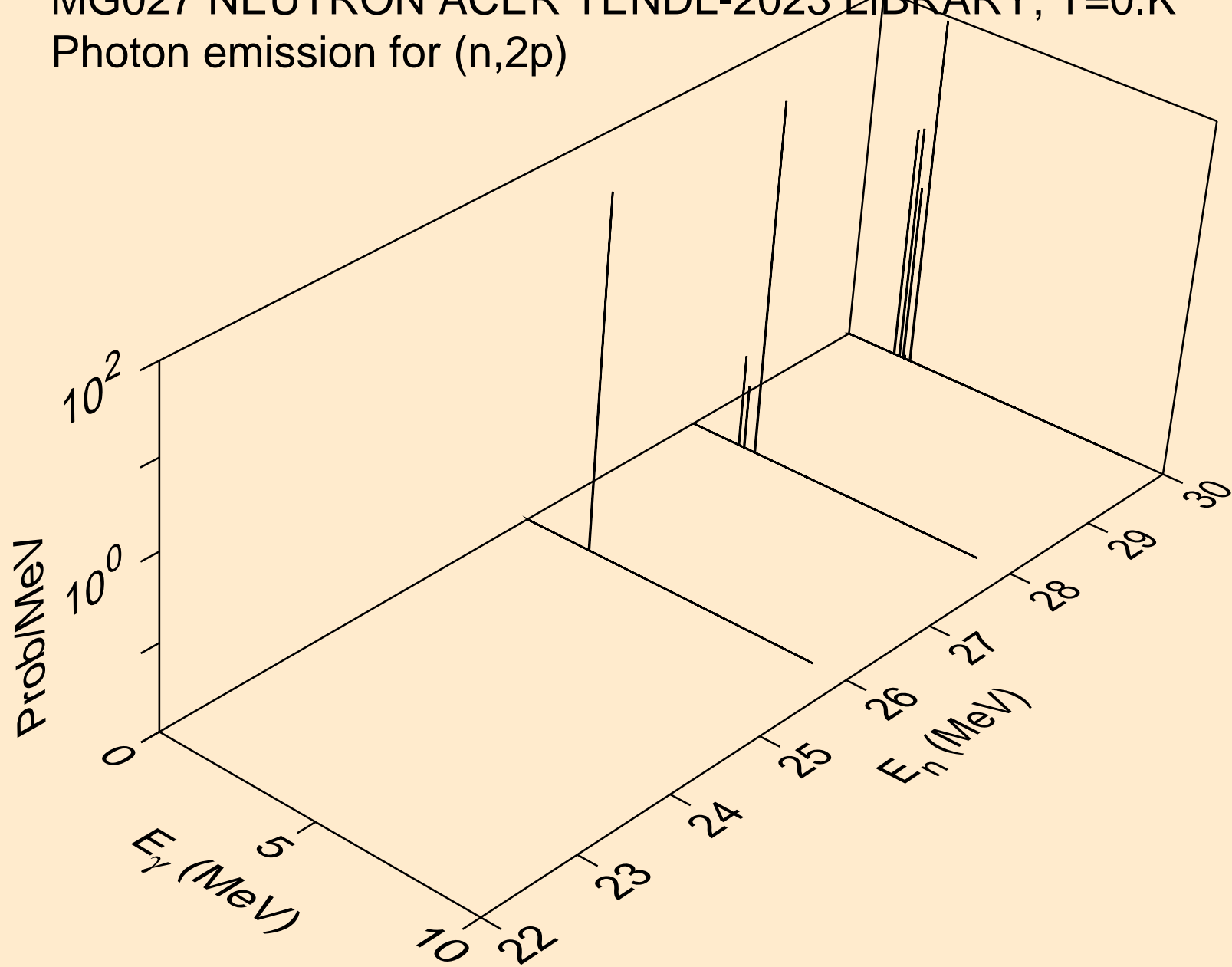
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



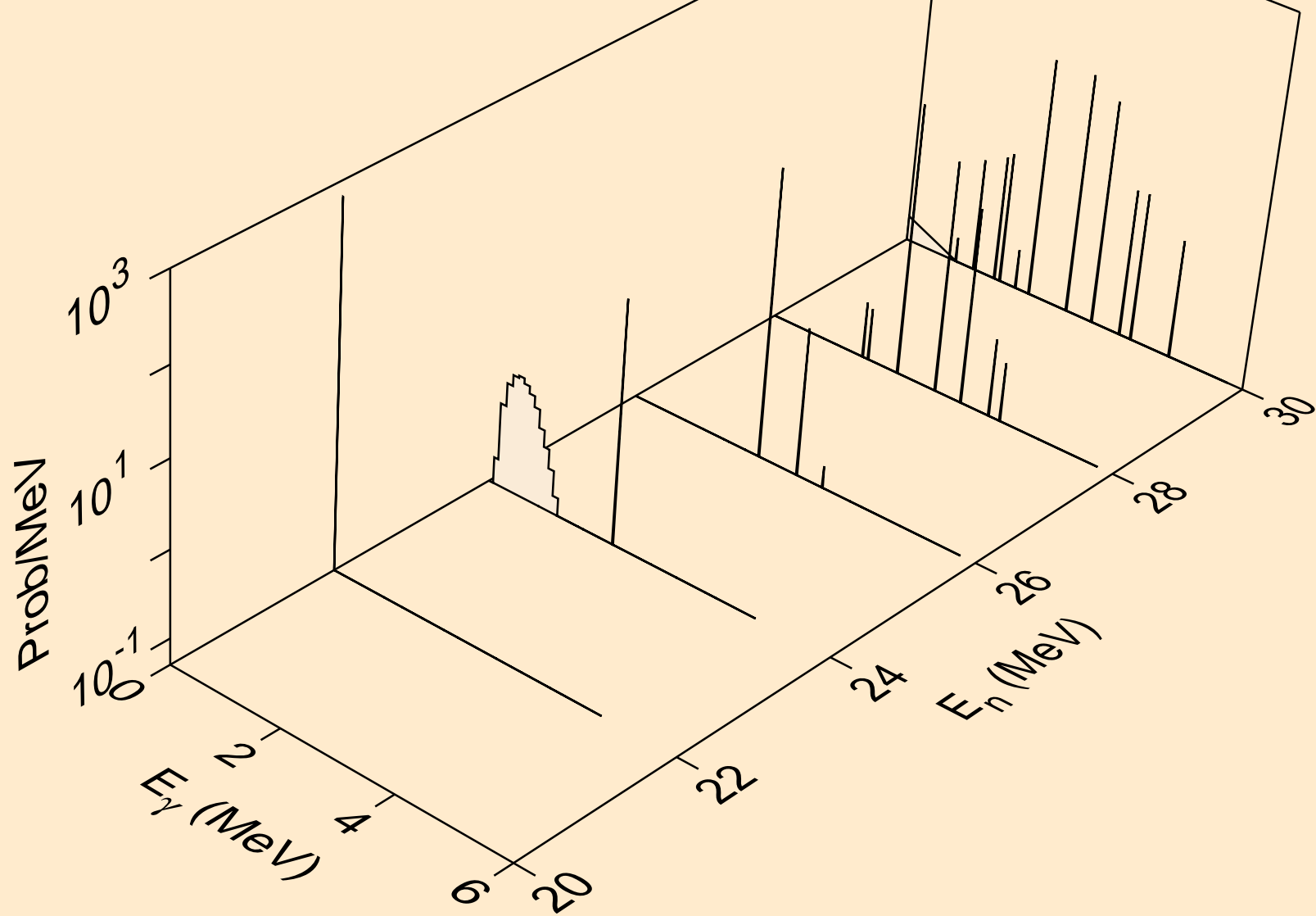
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



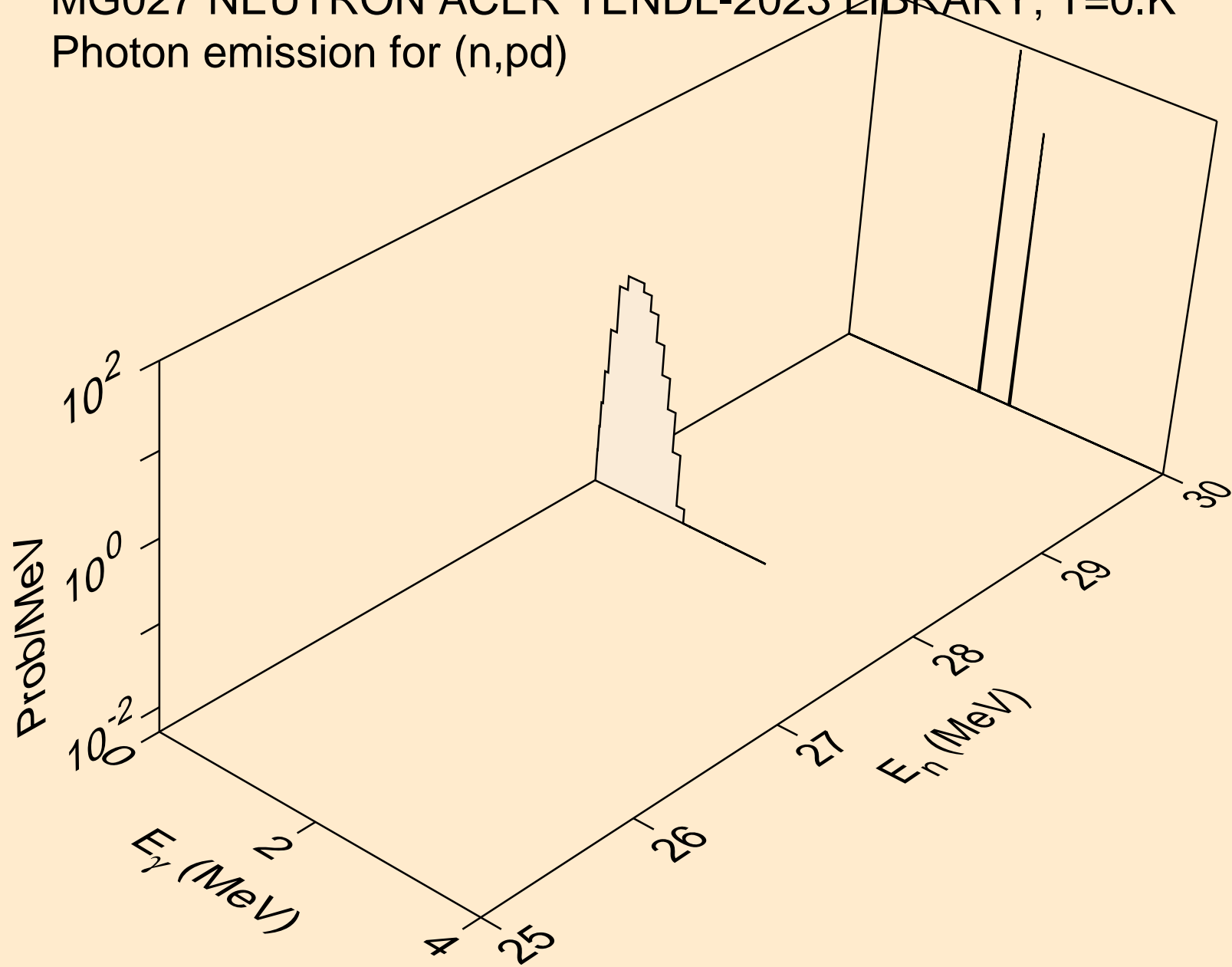
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

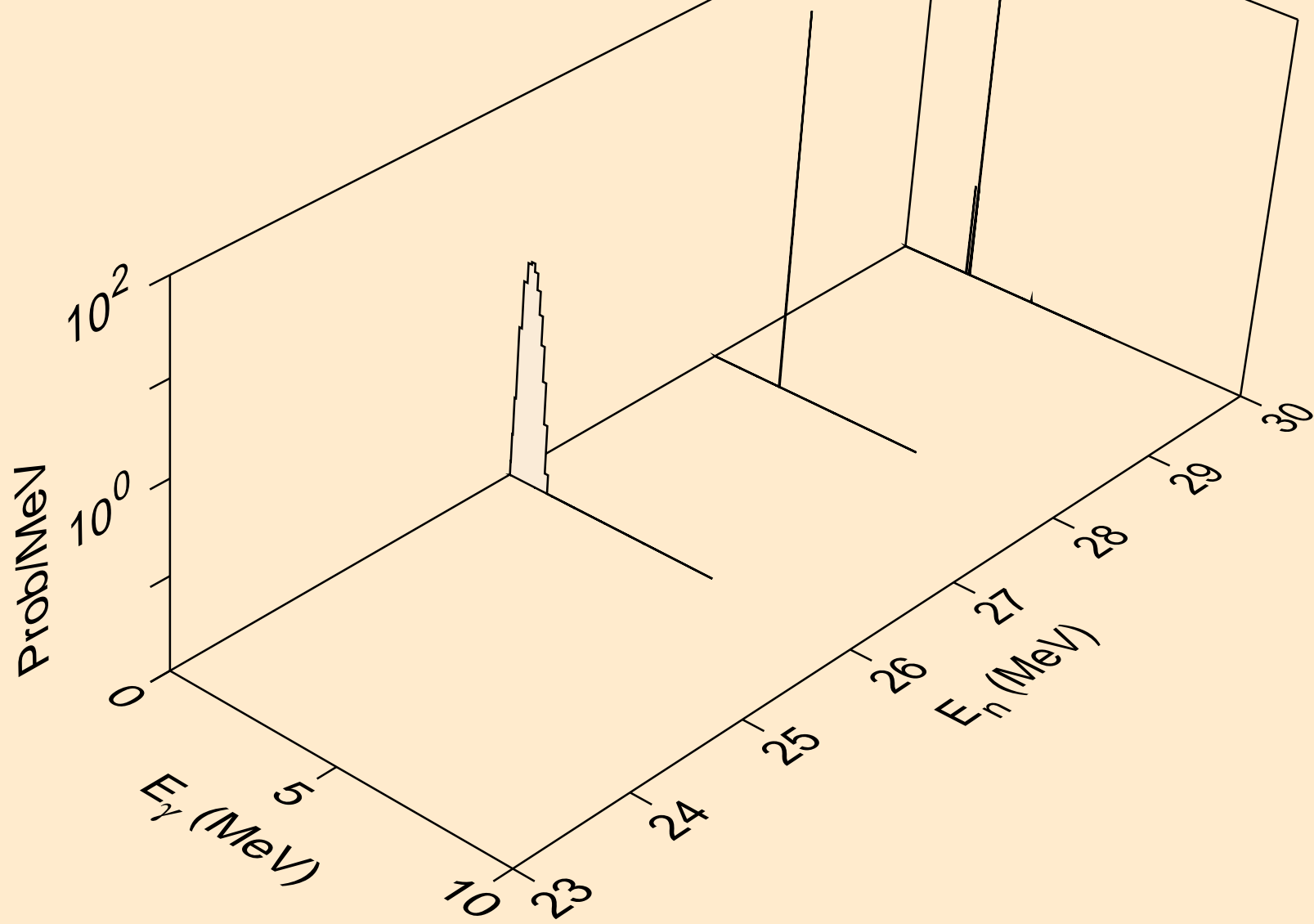


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

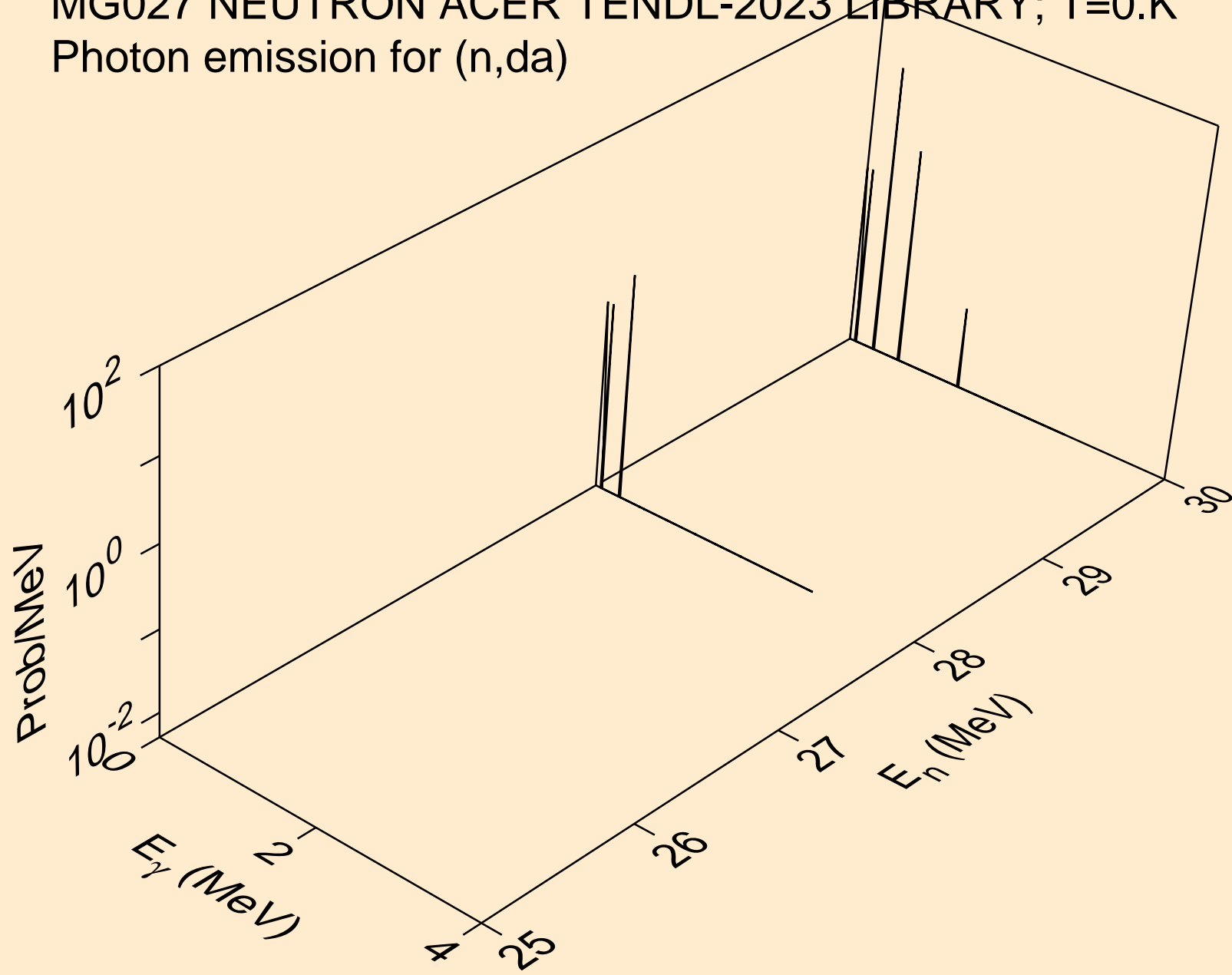




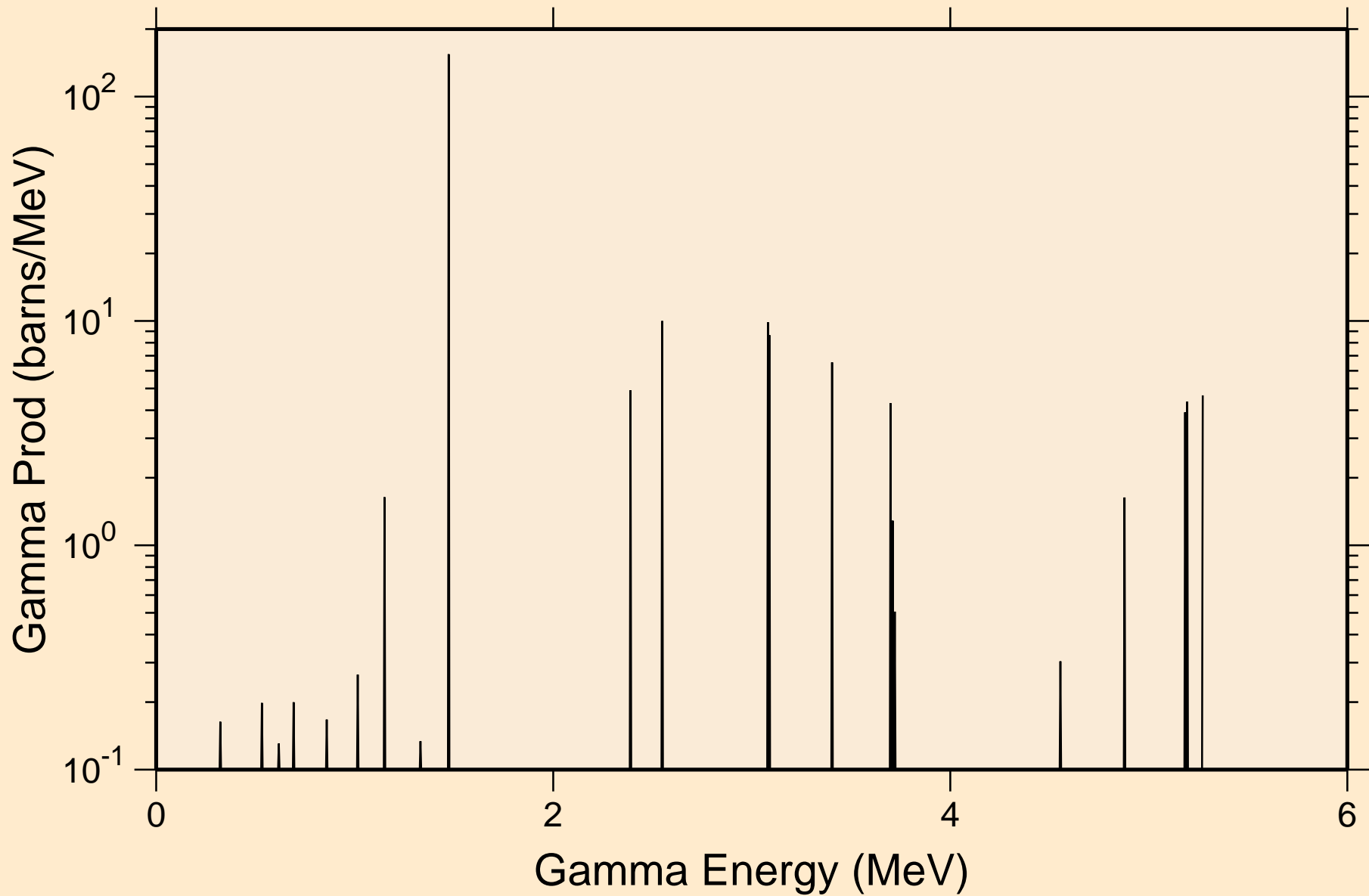
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



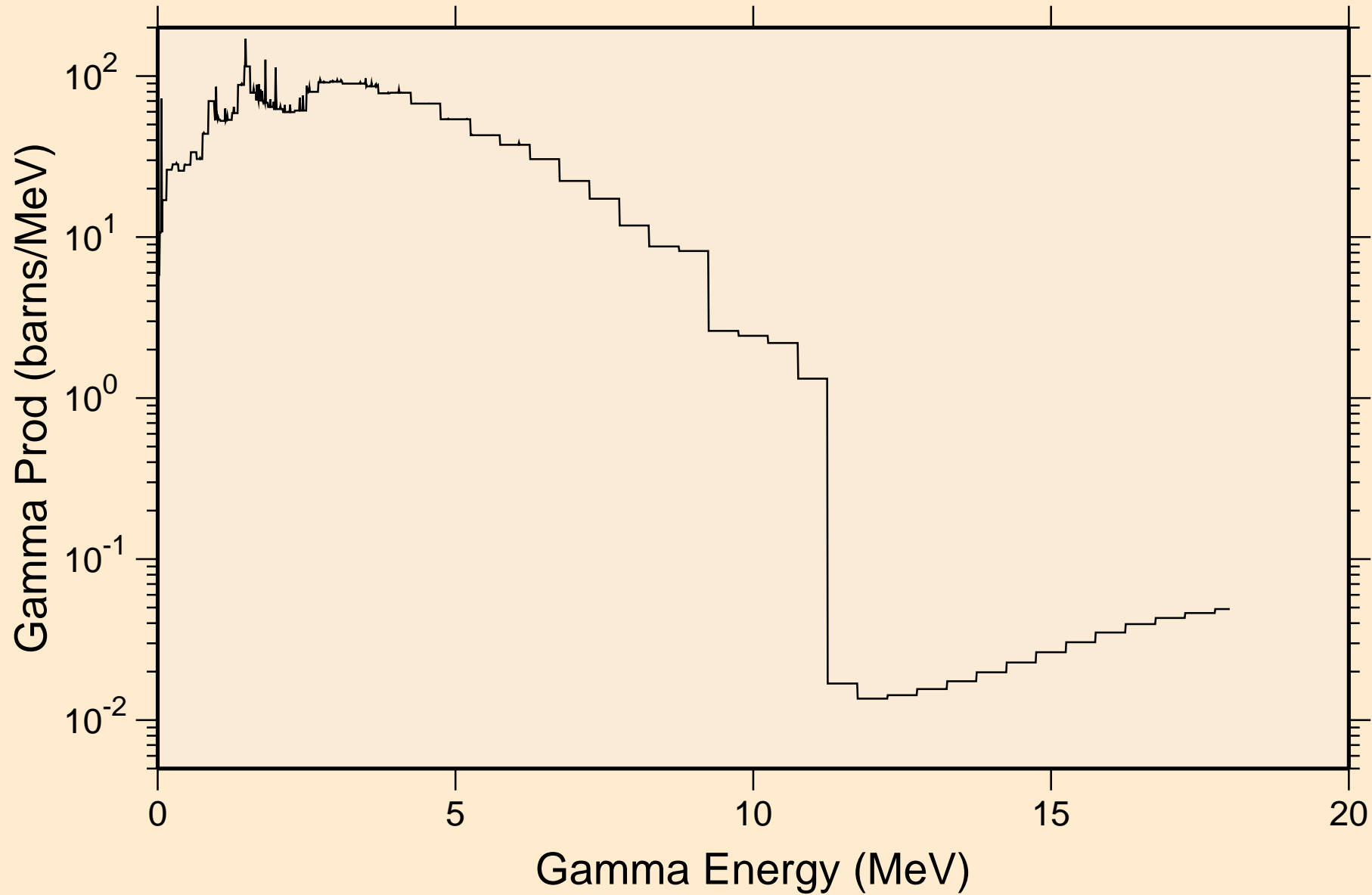
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

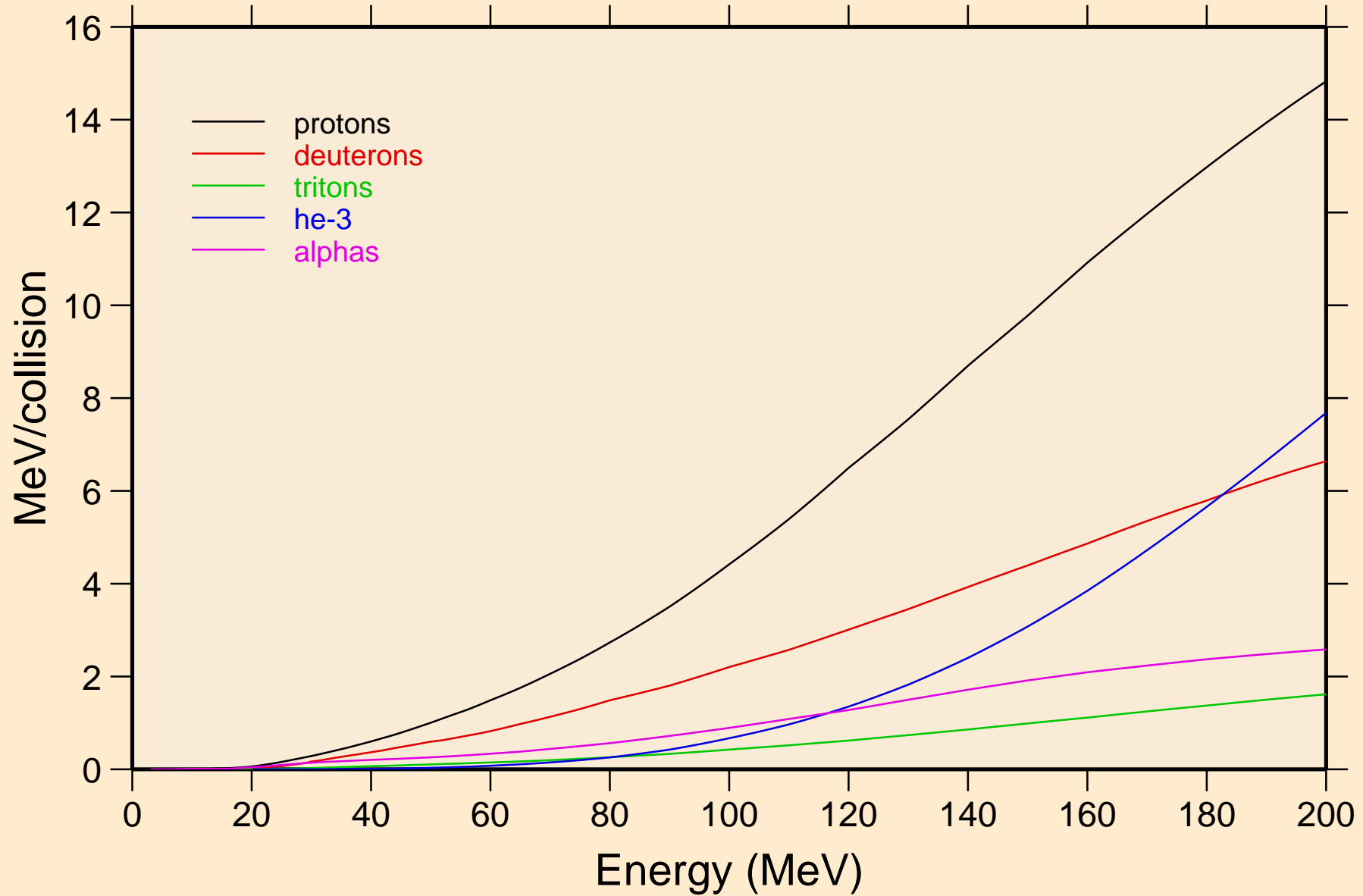


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

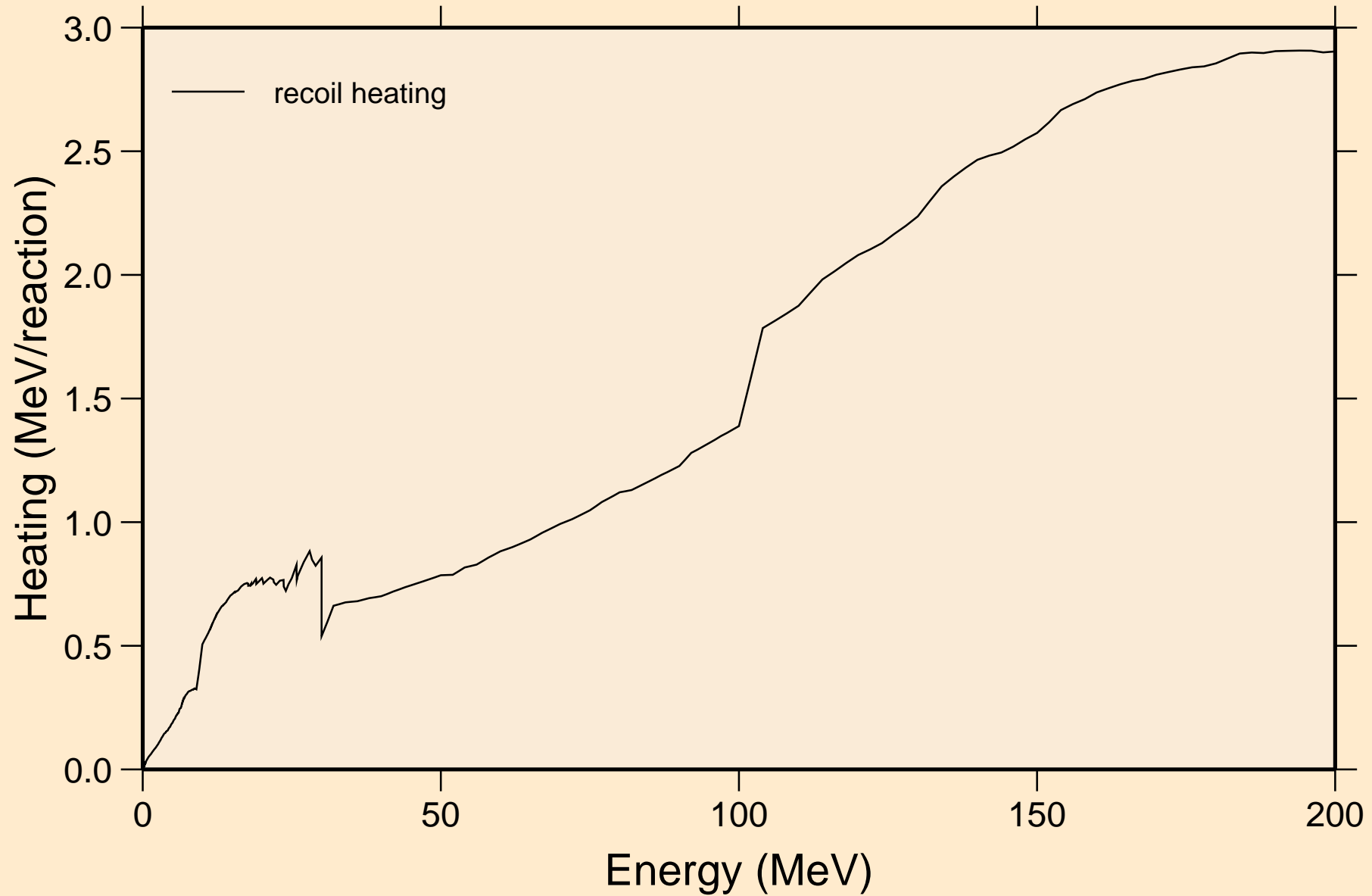


# MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

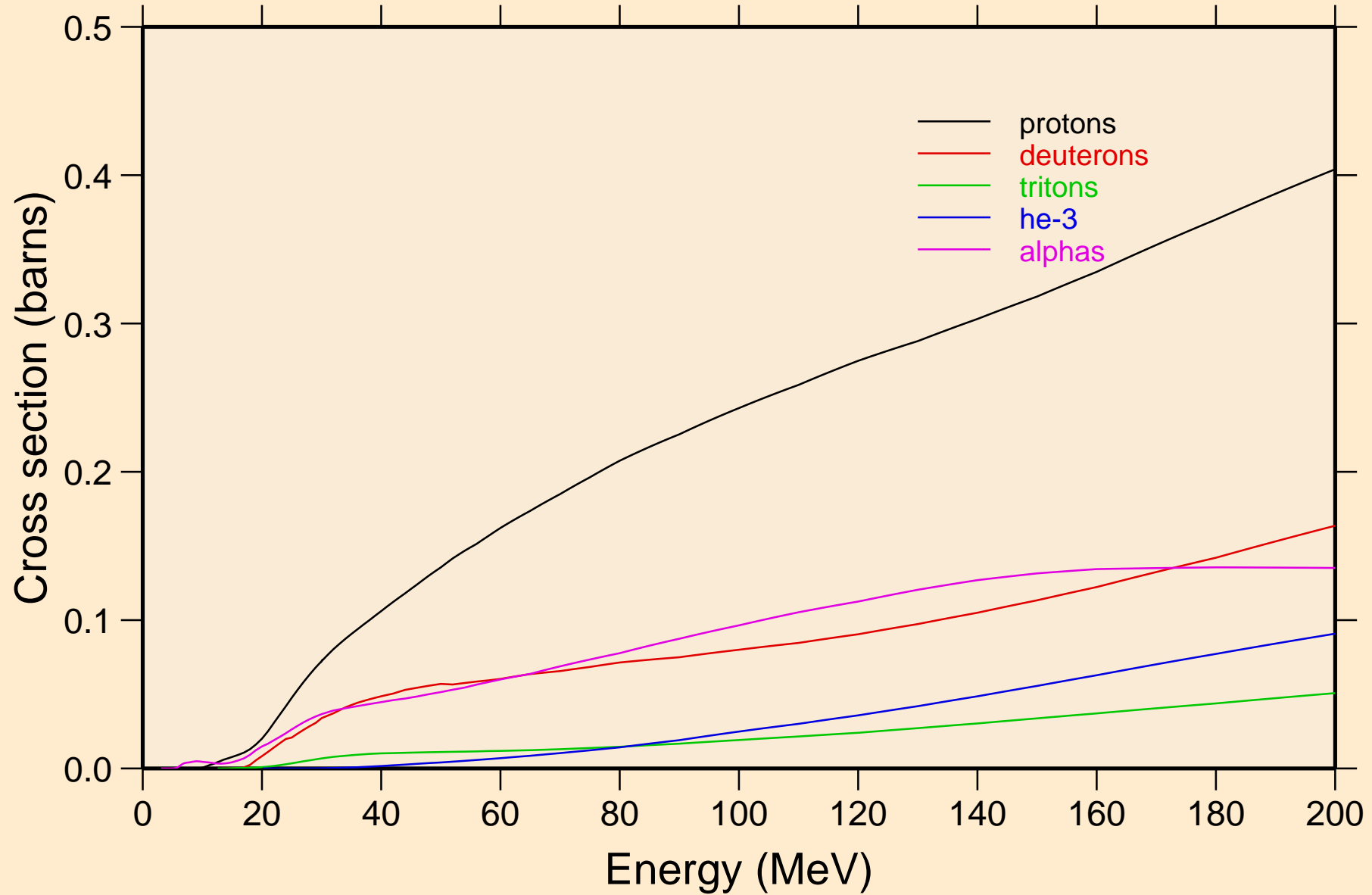
## Particle heating contributions



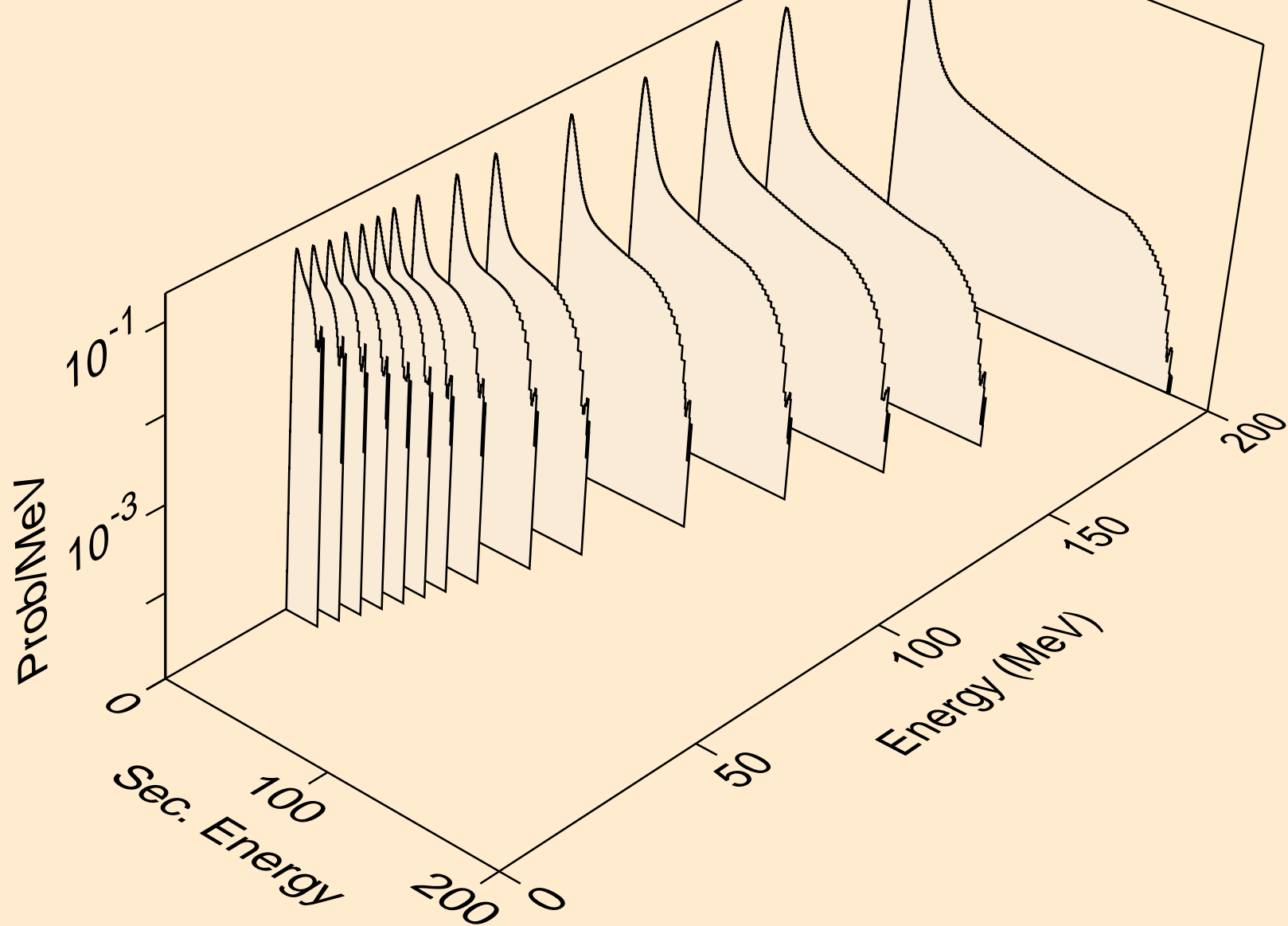
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

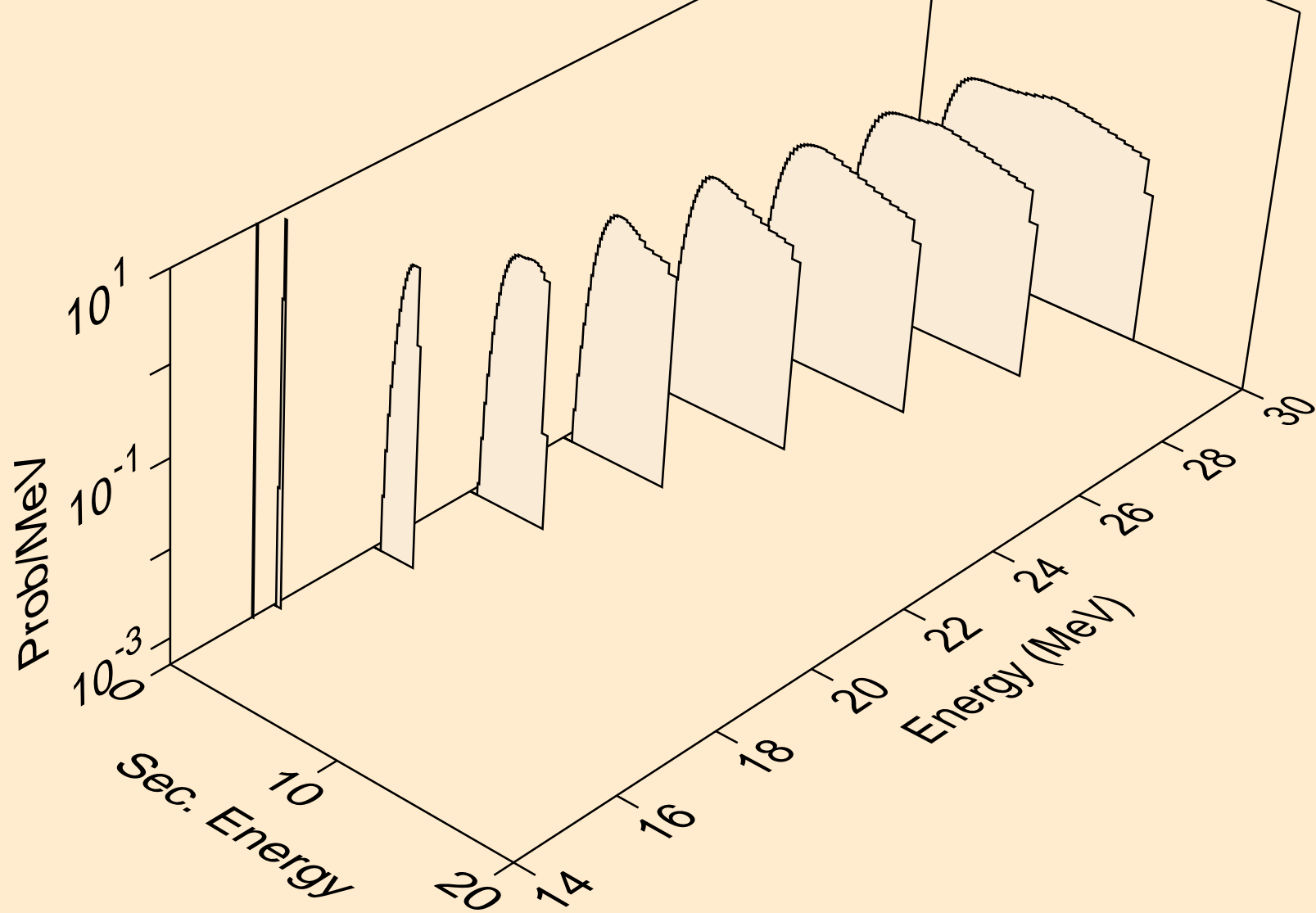


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)

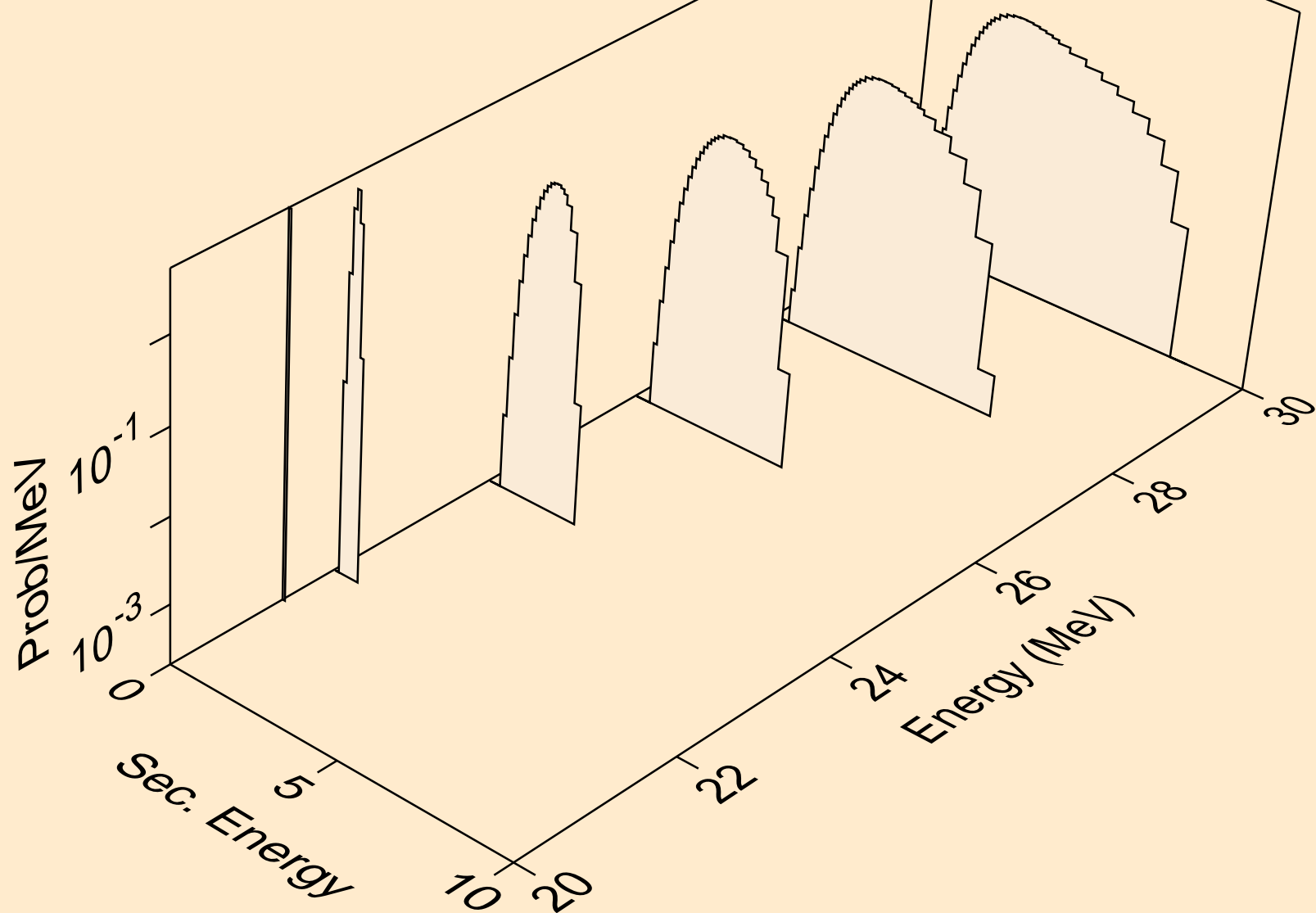




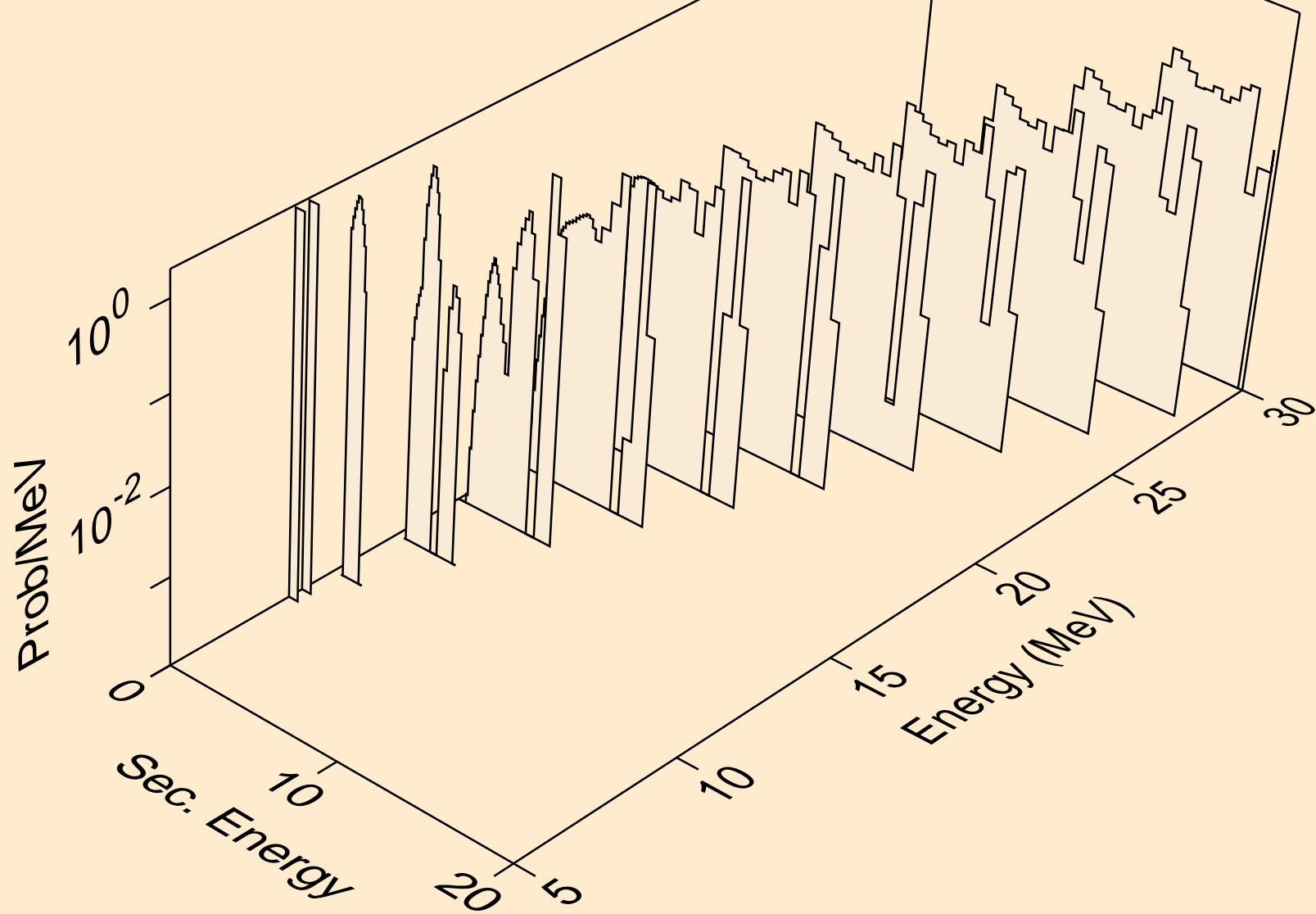
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



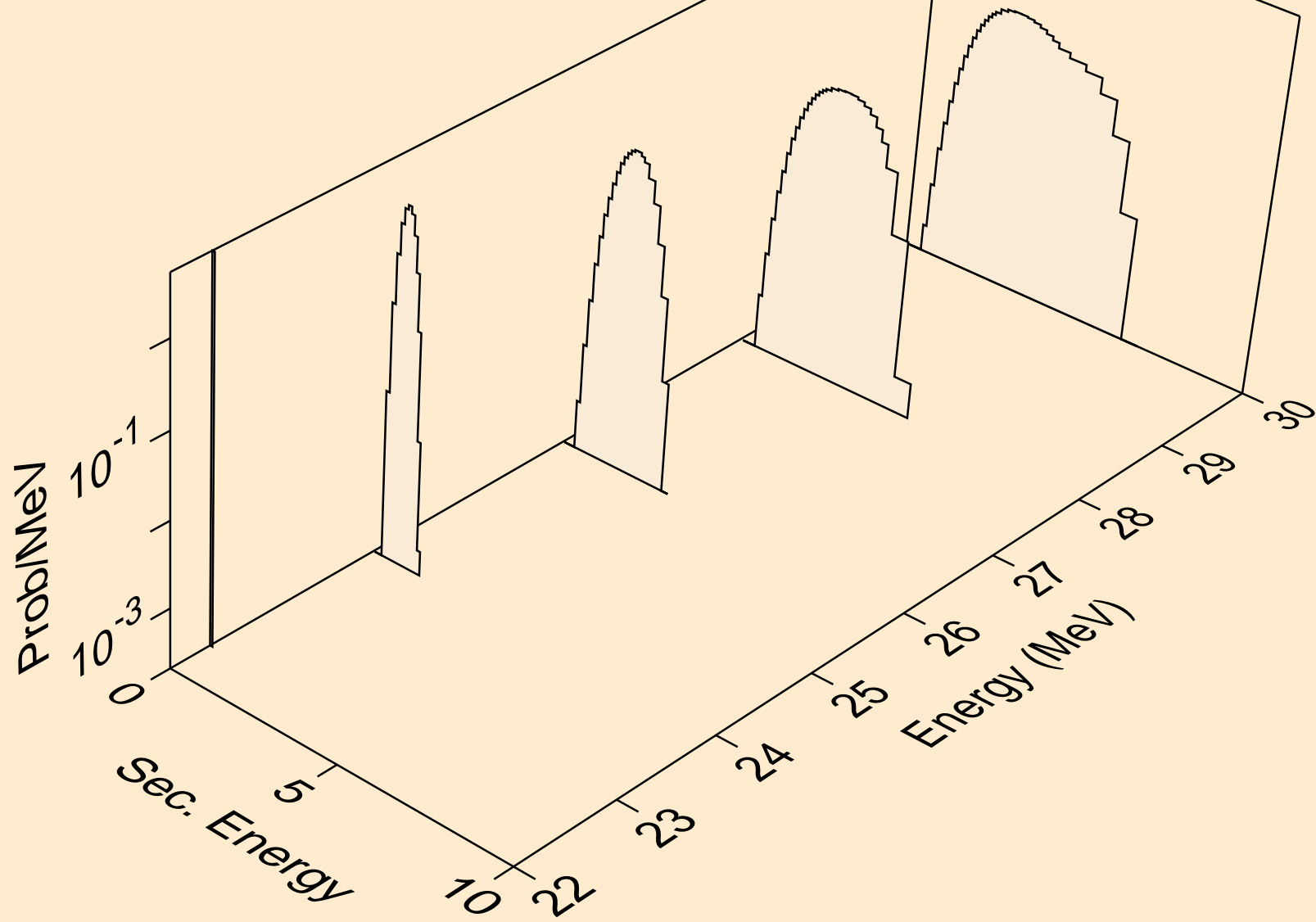
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)



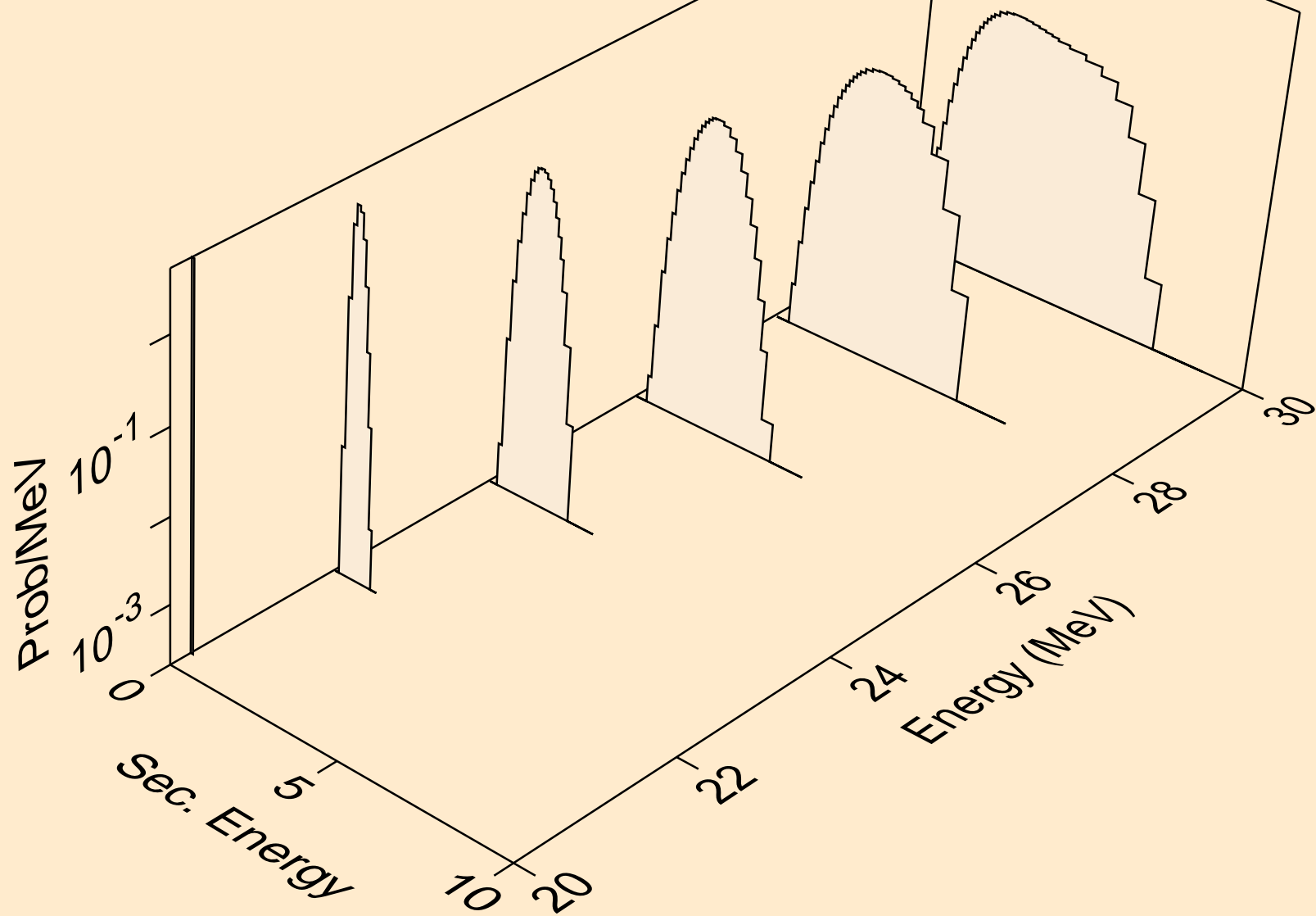
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



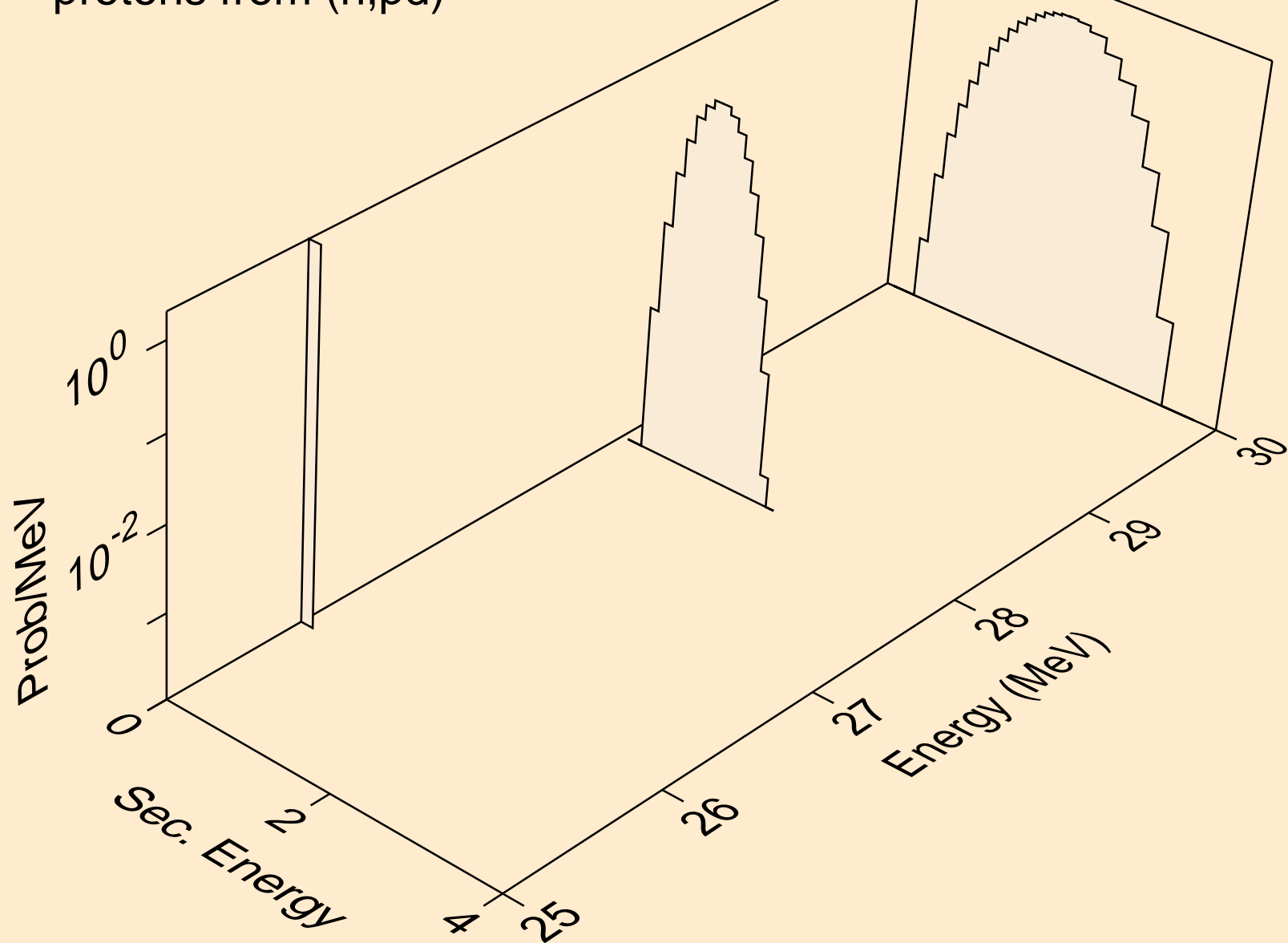
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)



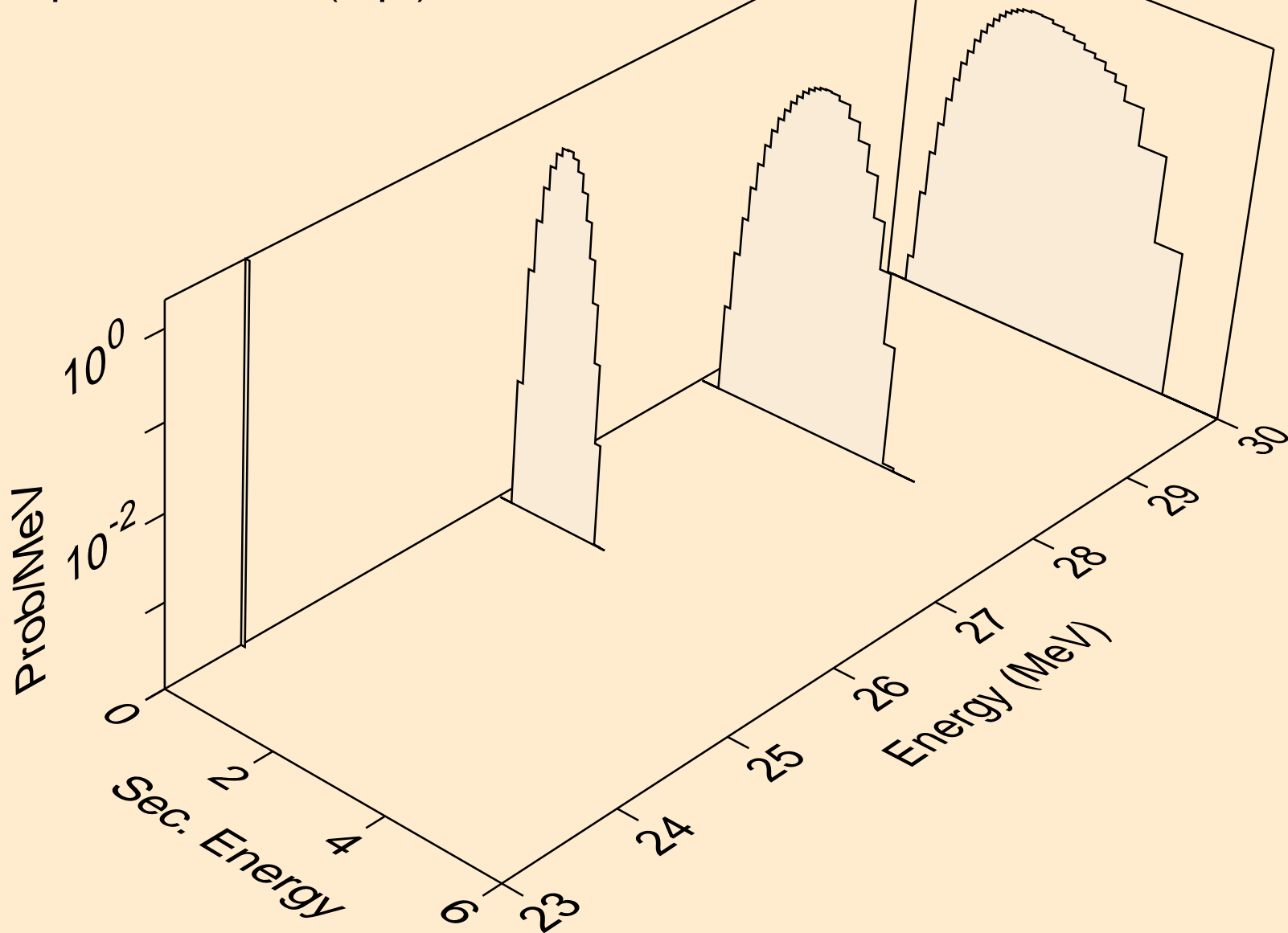
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)



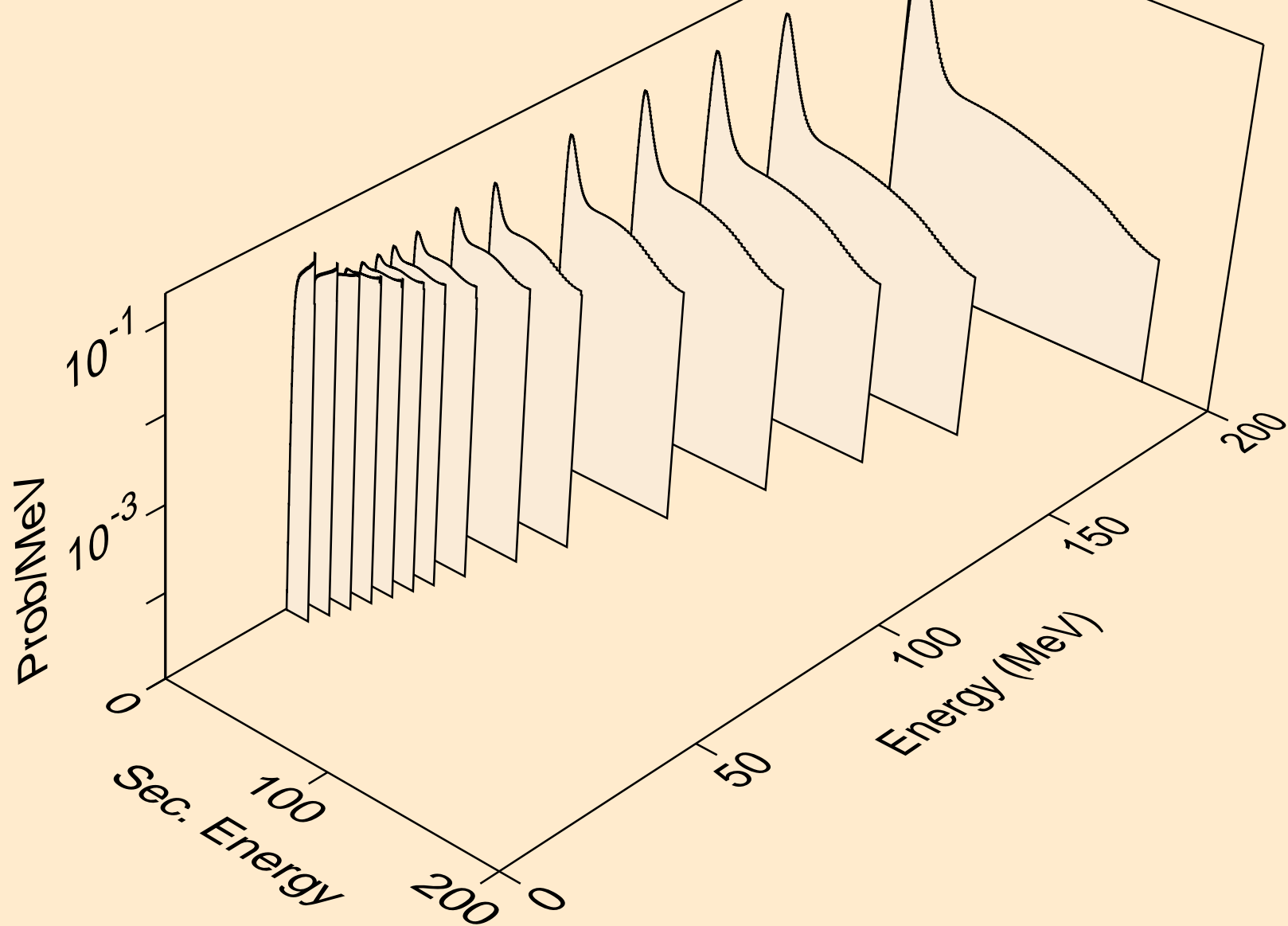
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pd)



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,pt)

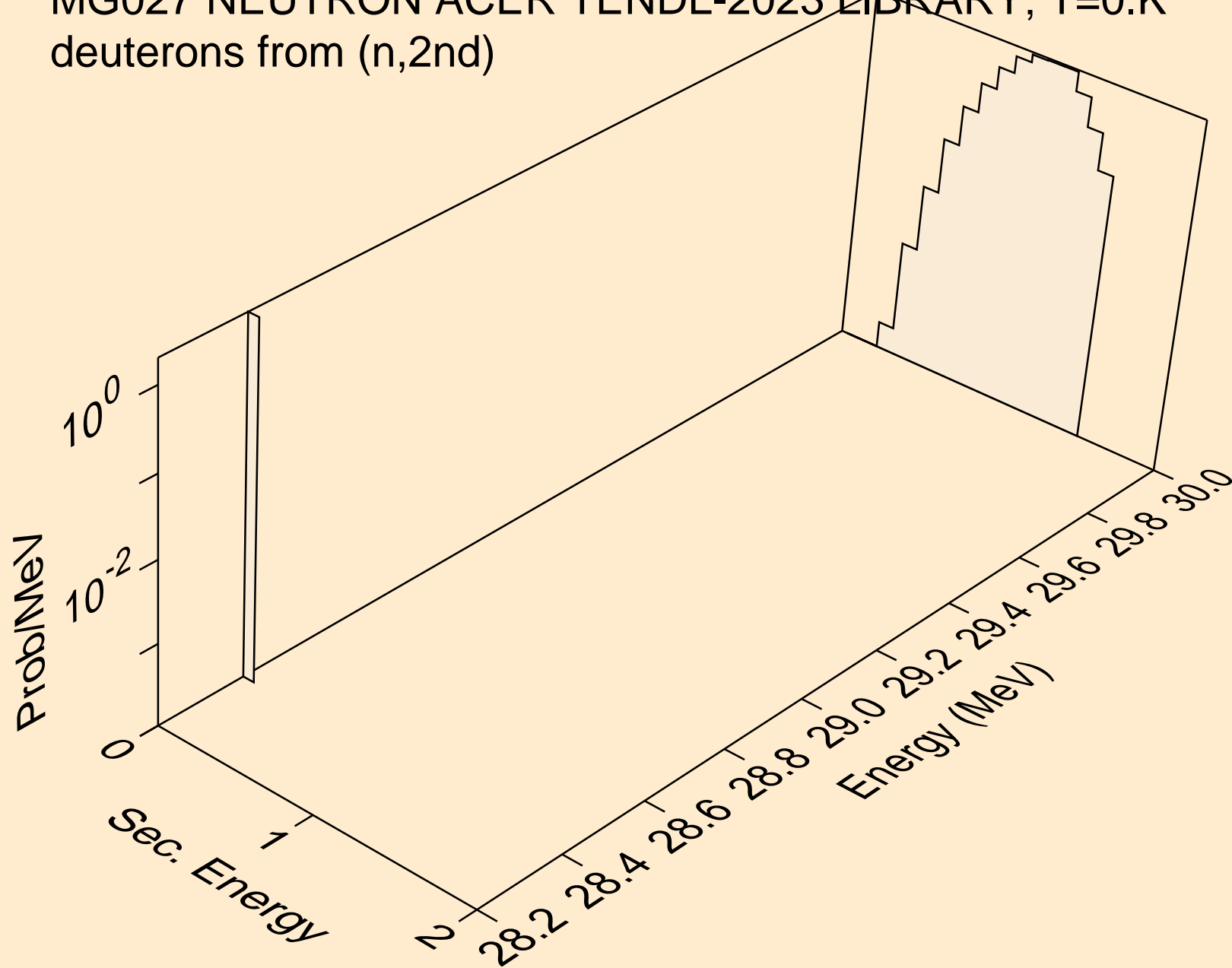


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

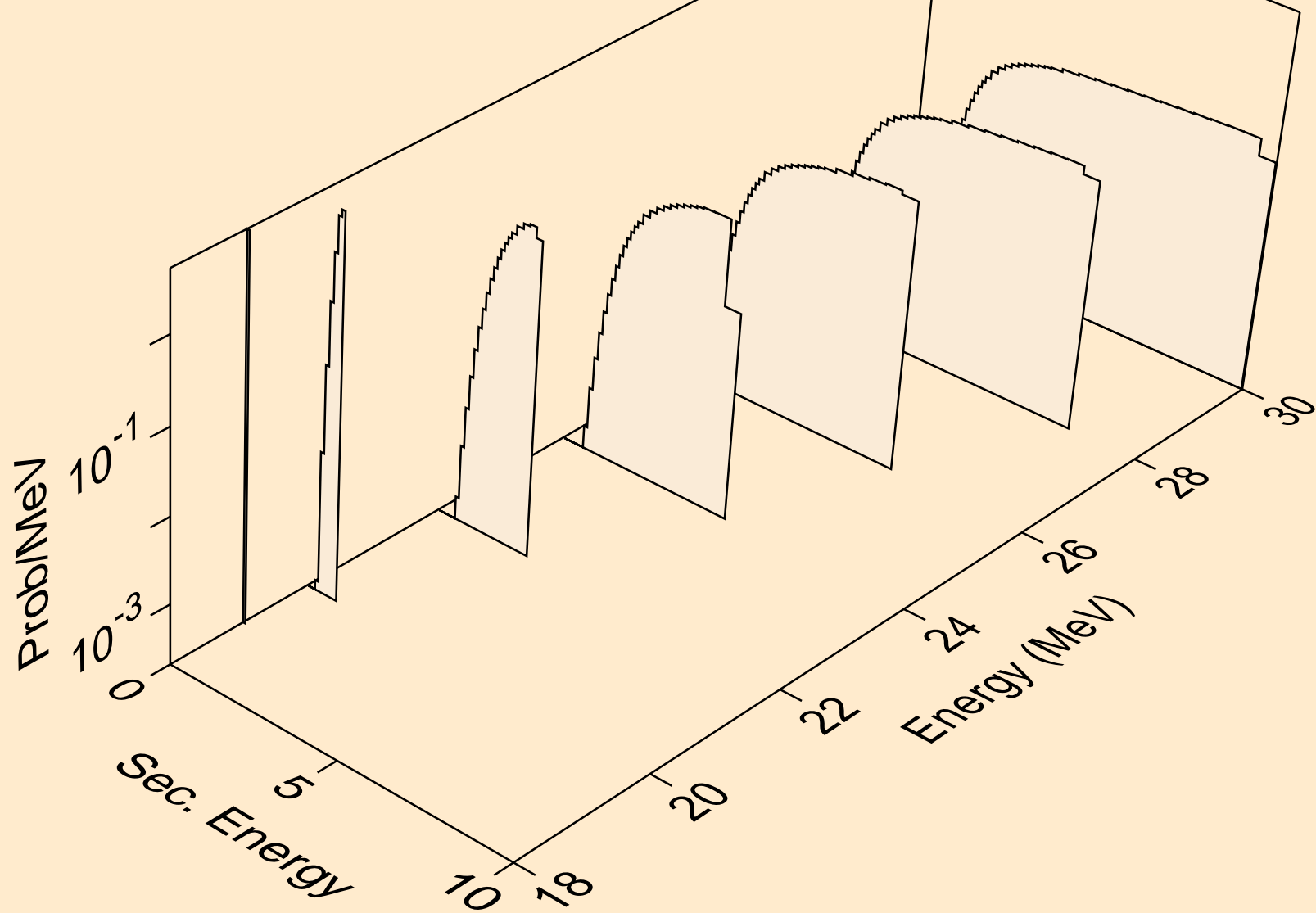




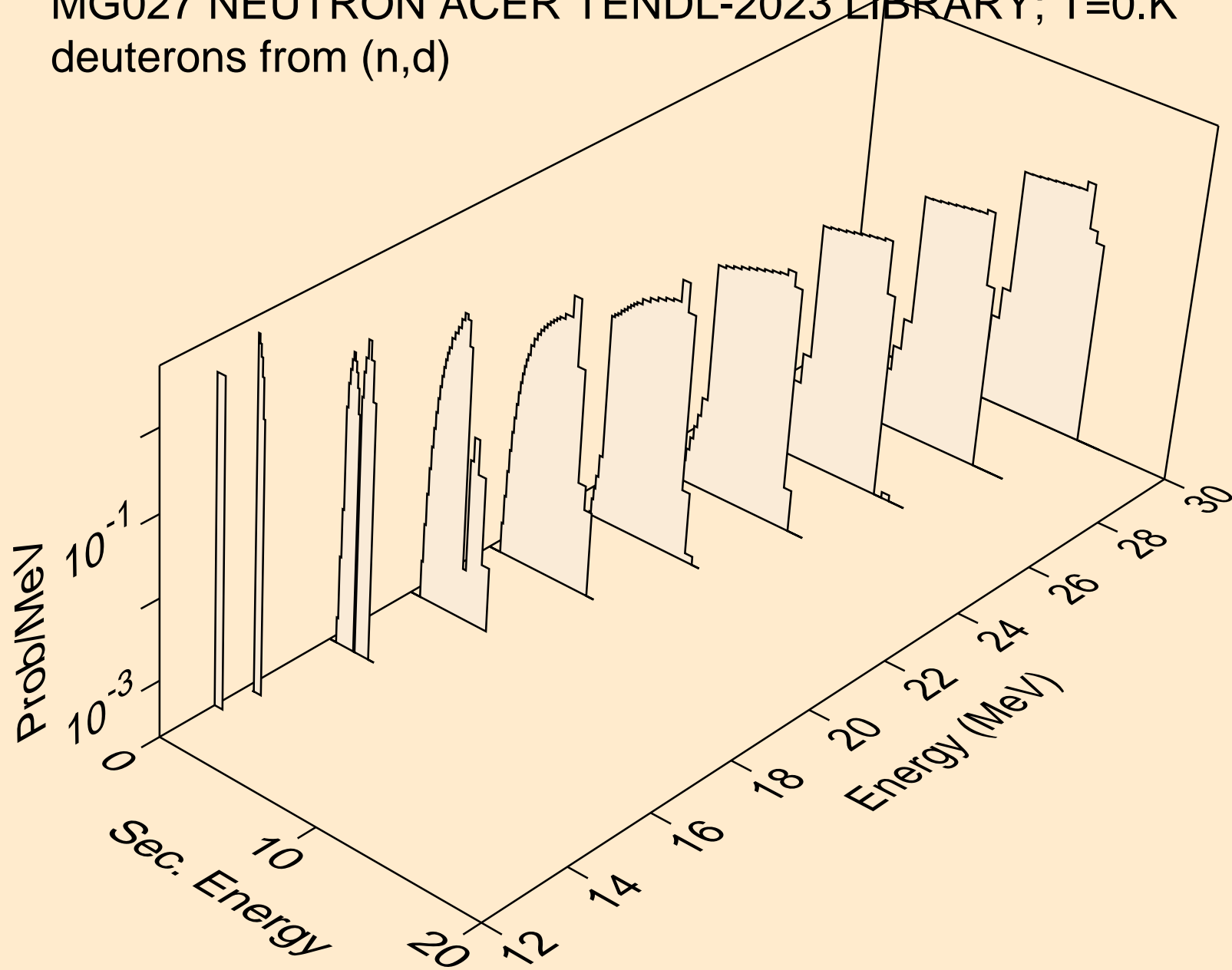
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,2nd)



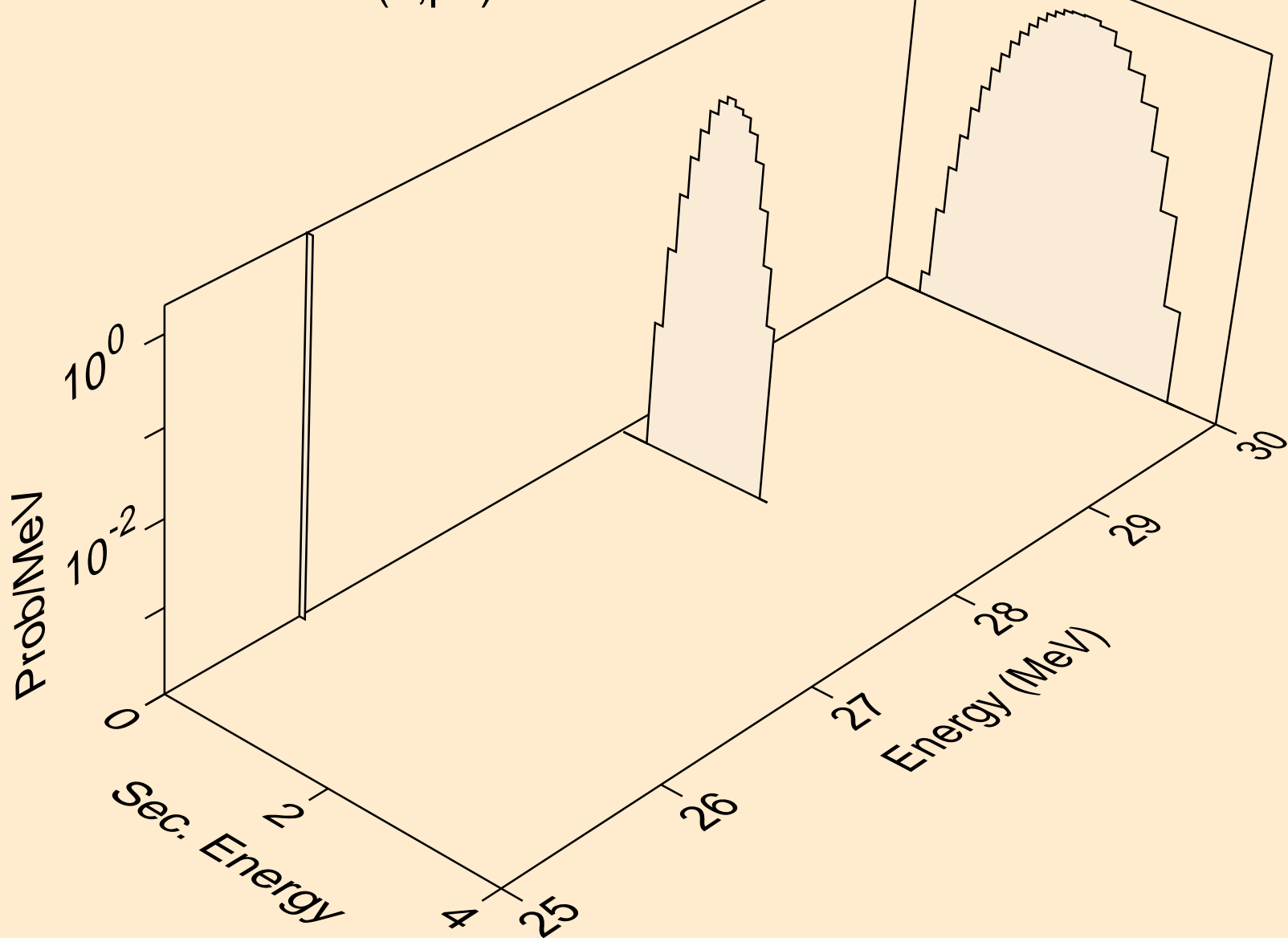
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



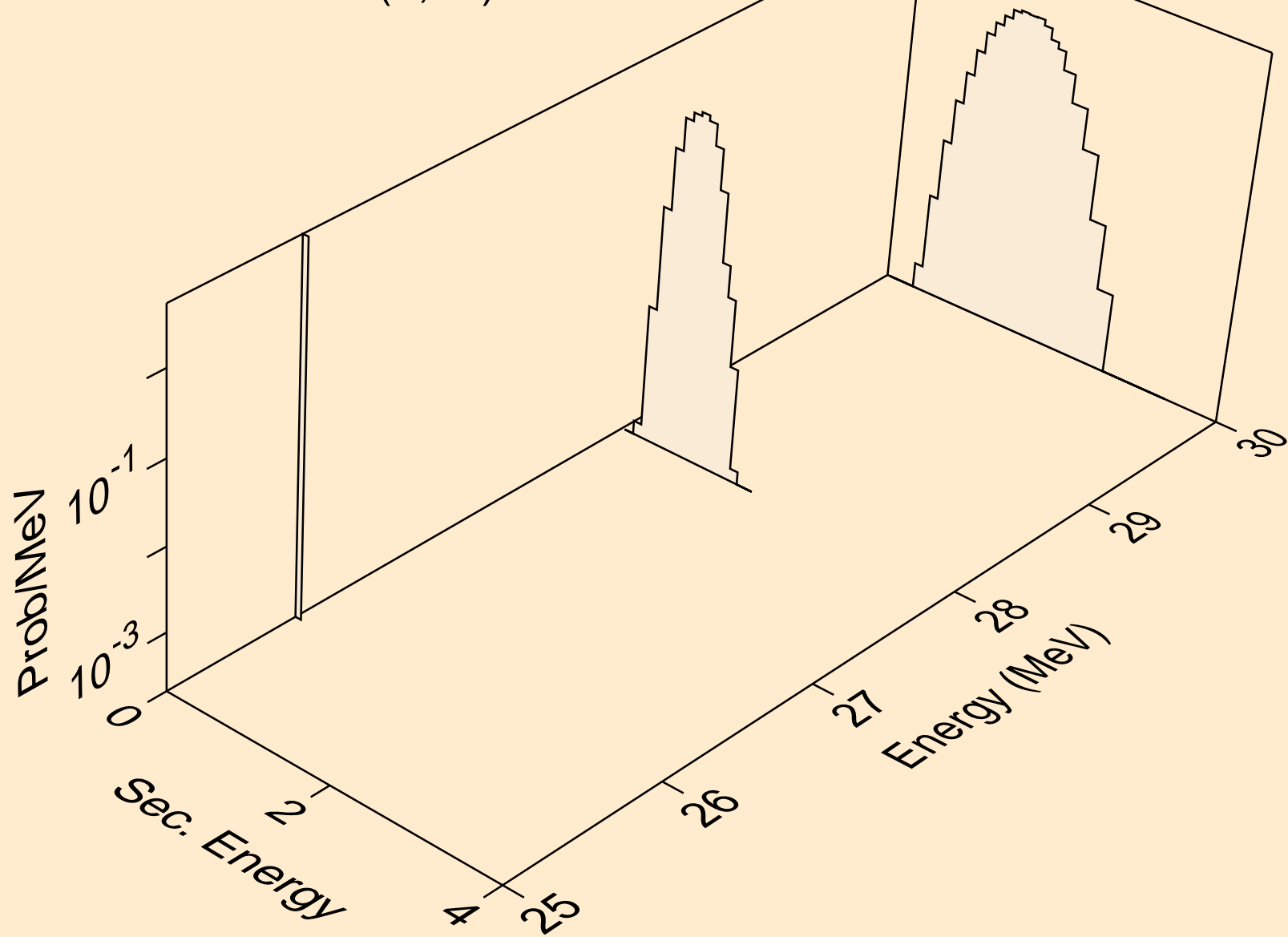
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)



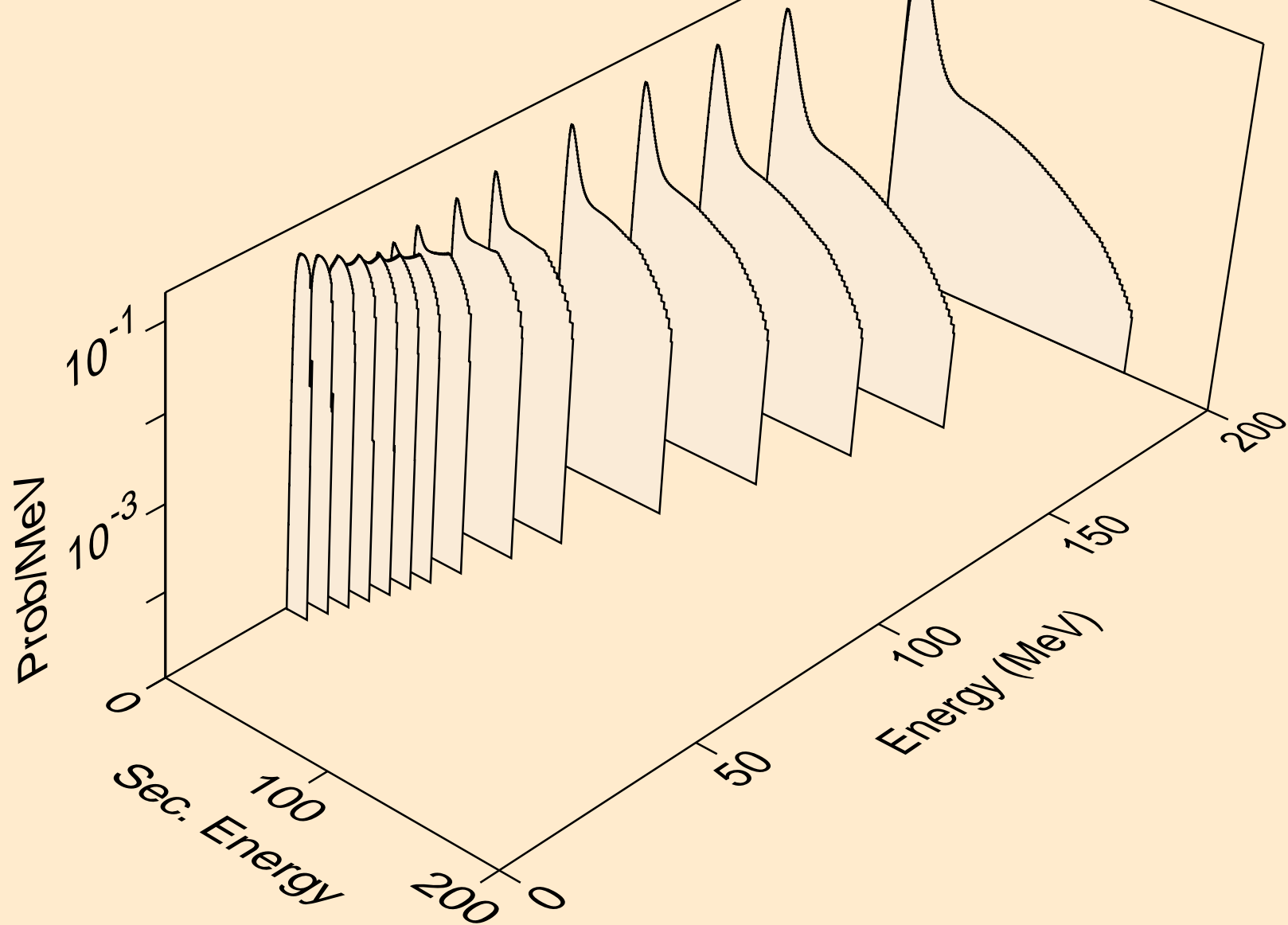
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,pd)



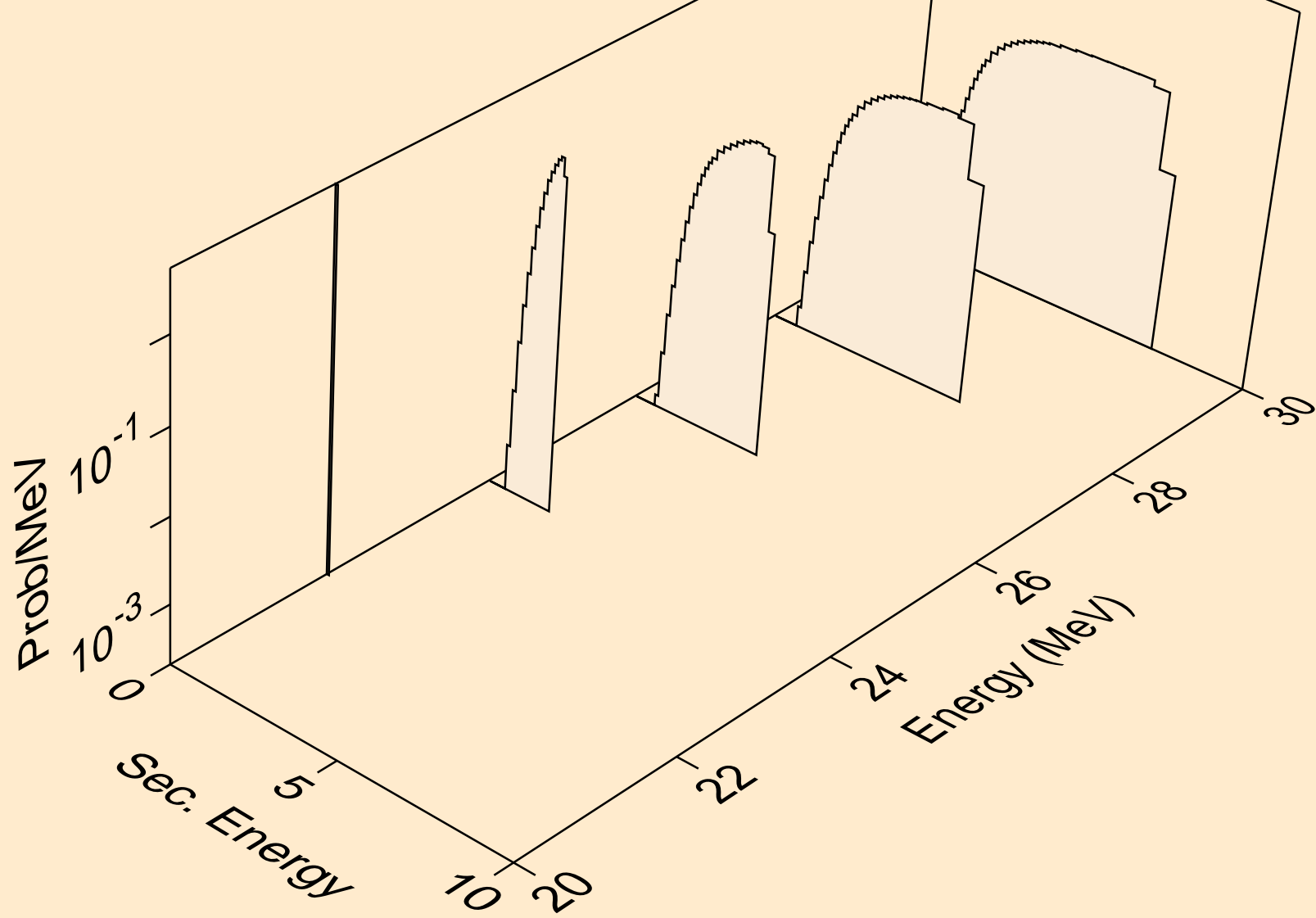
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,da)



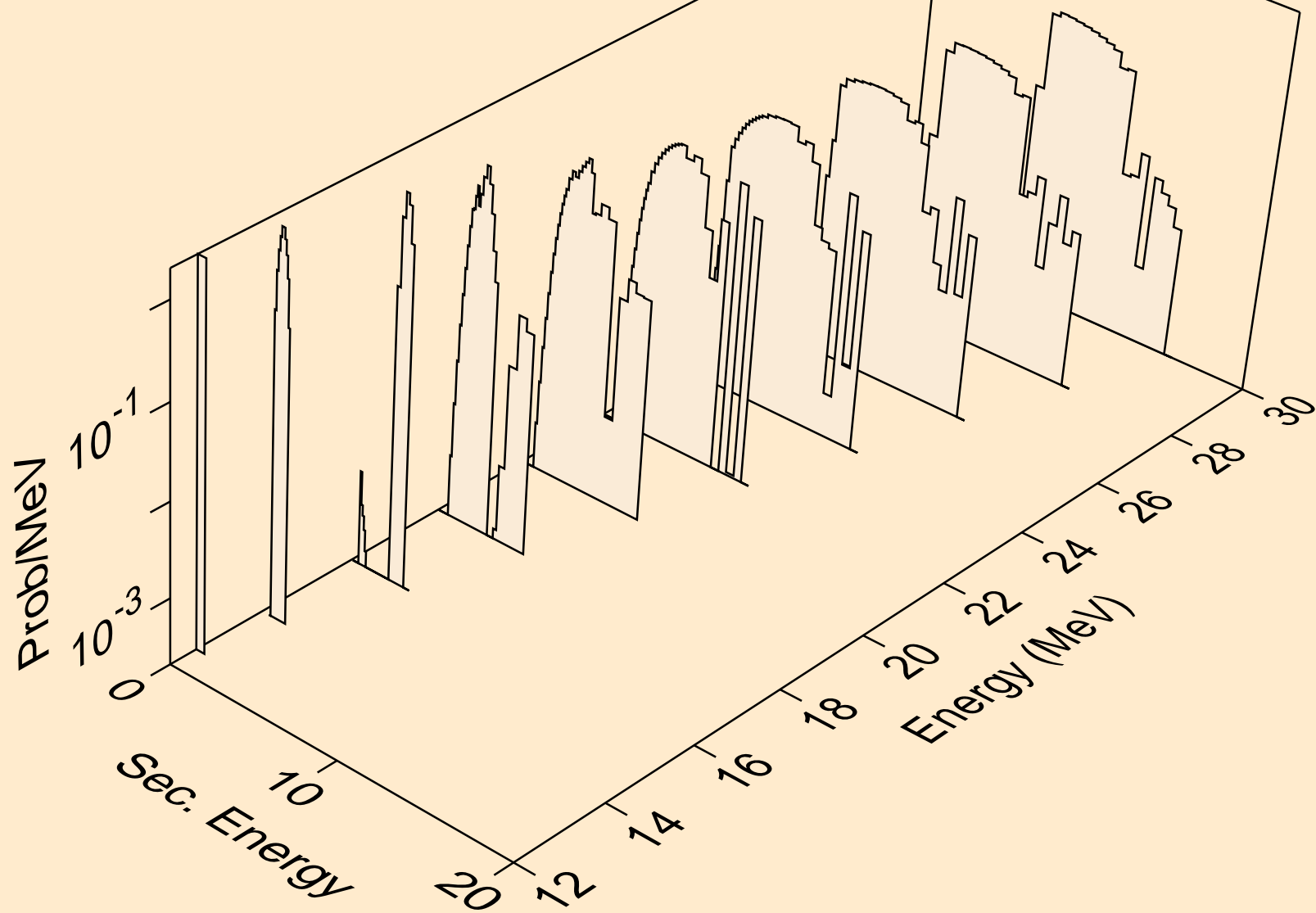
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t

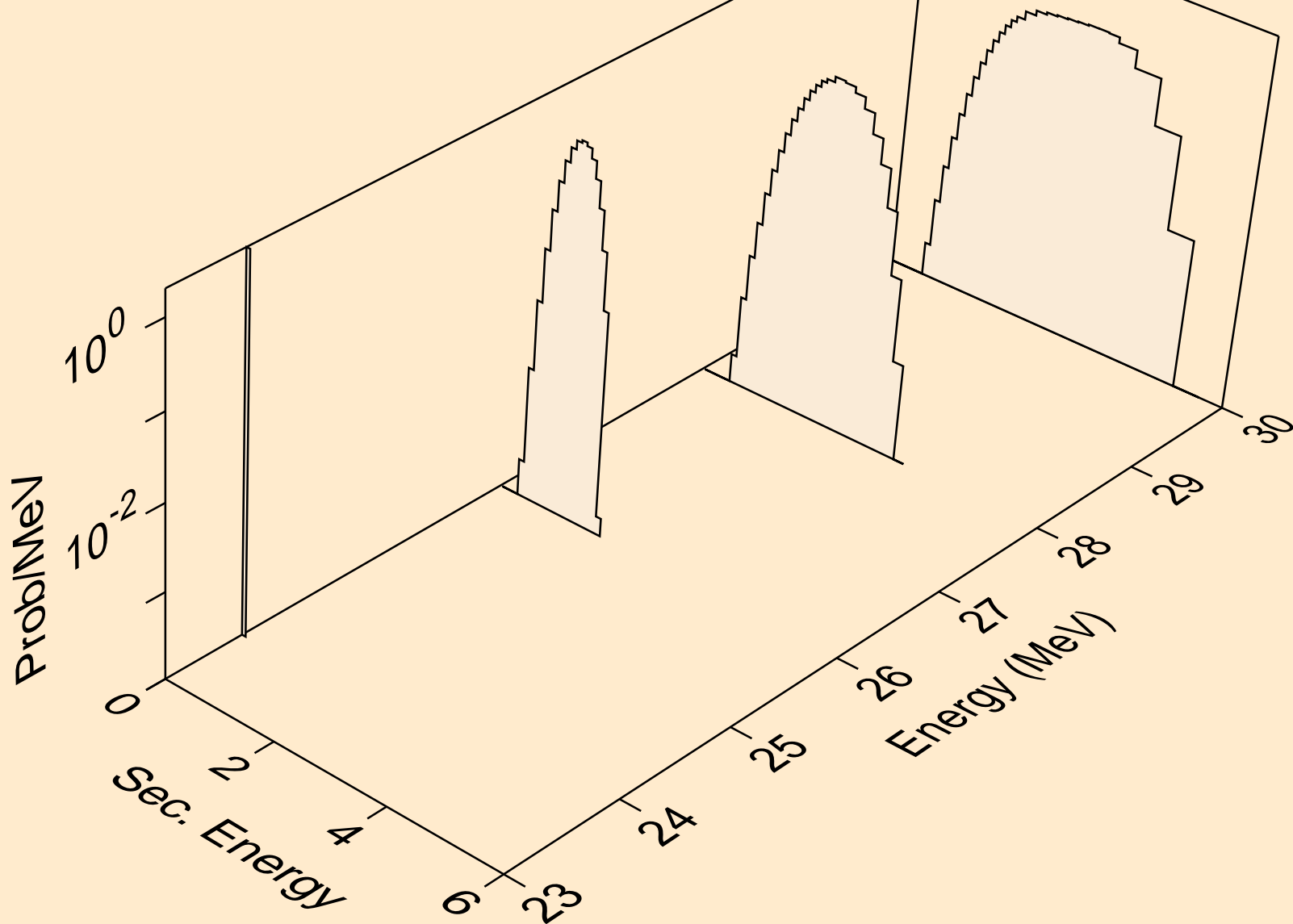


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)

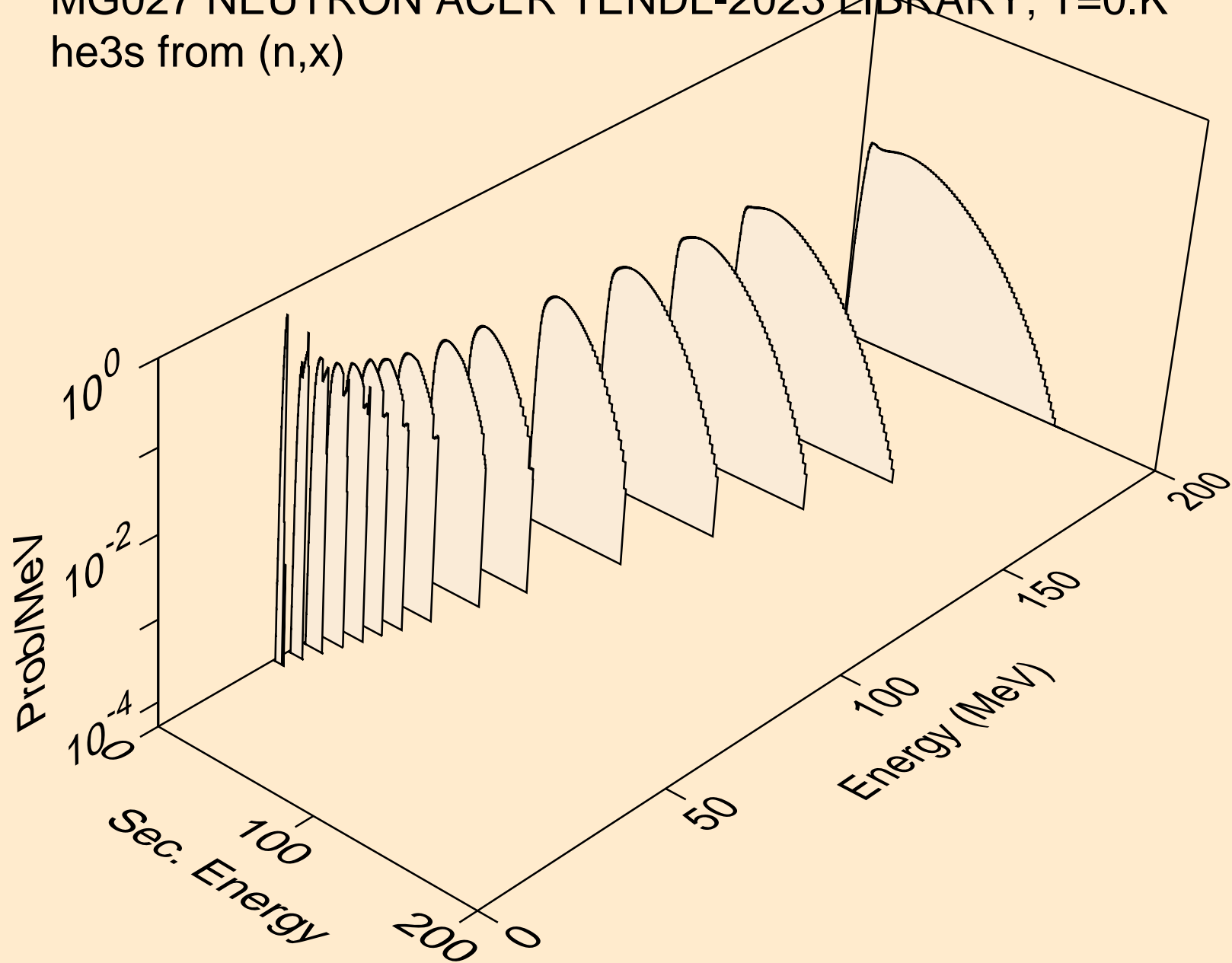




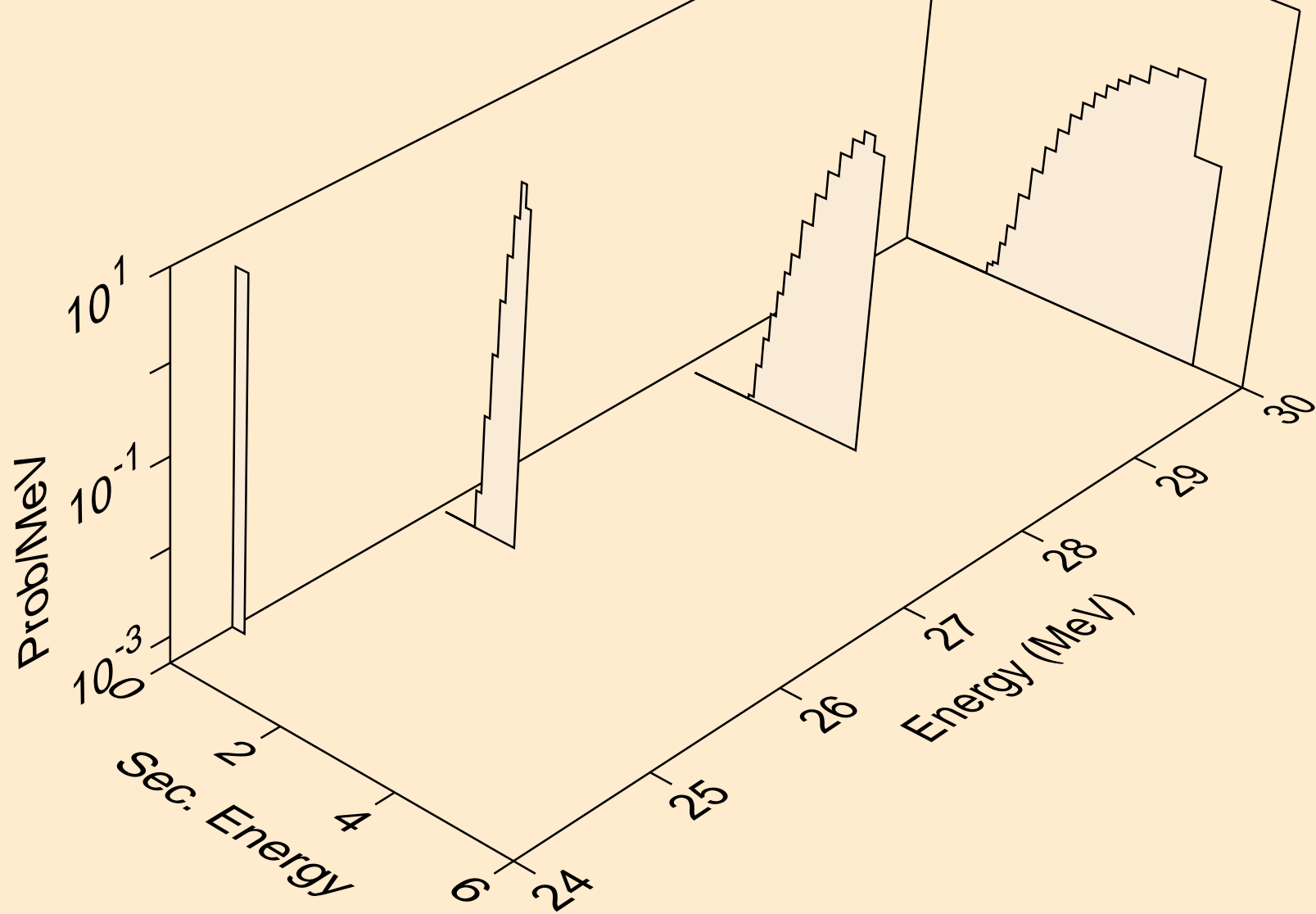
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,pt)



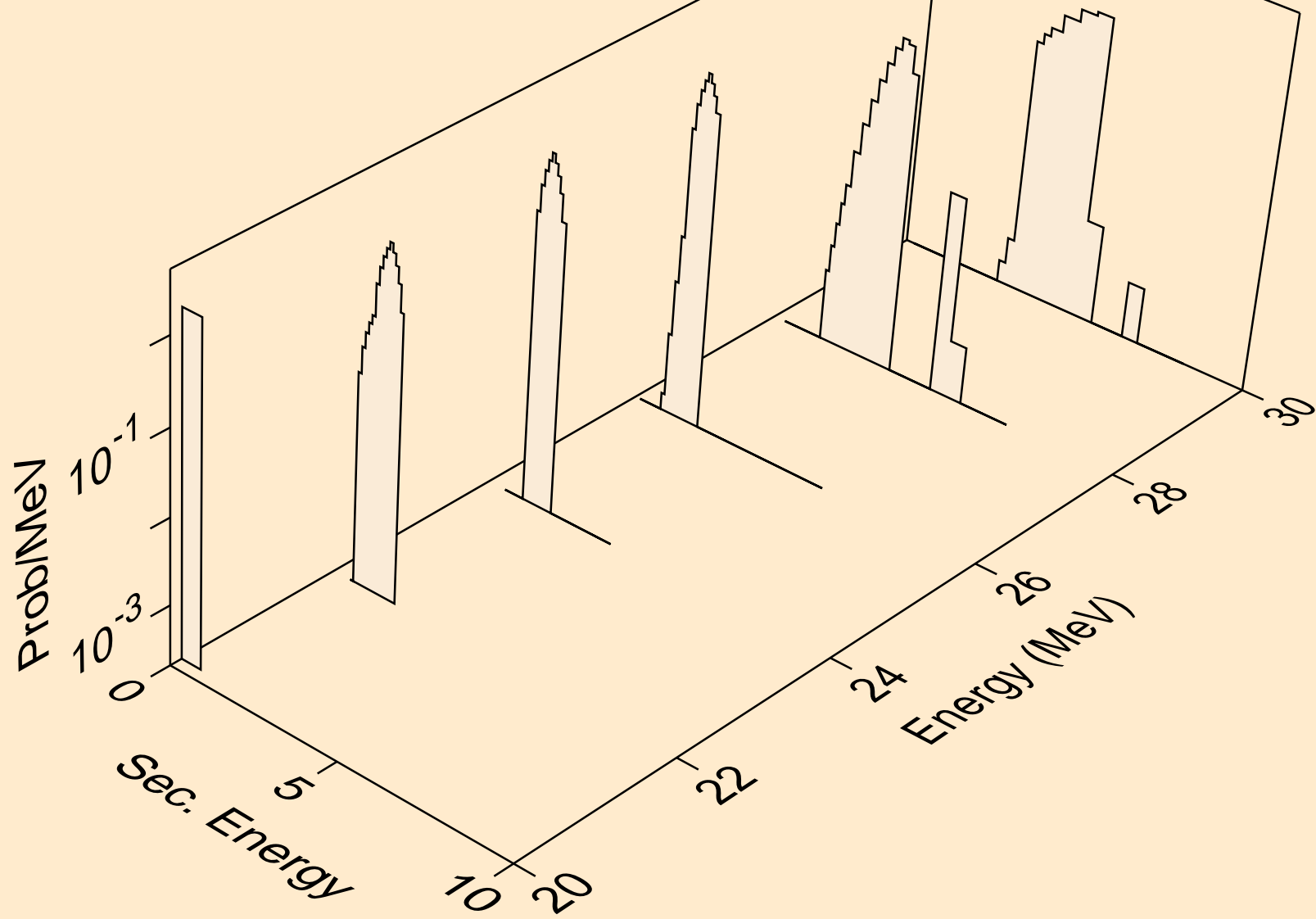
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



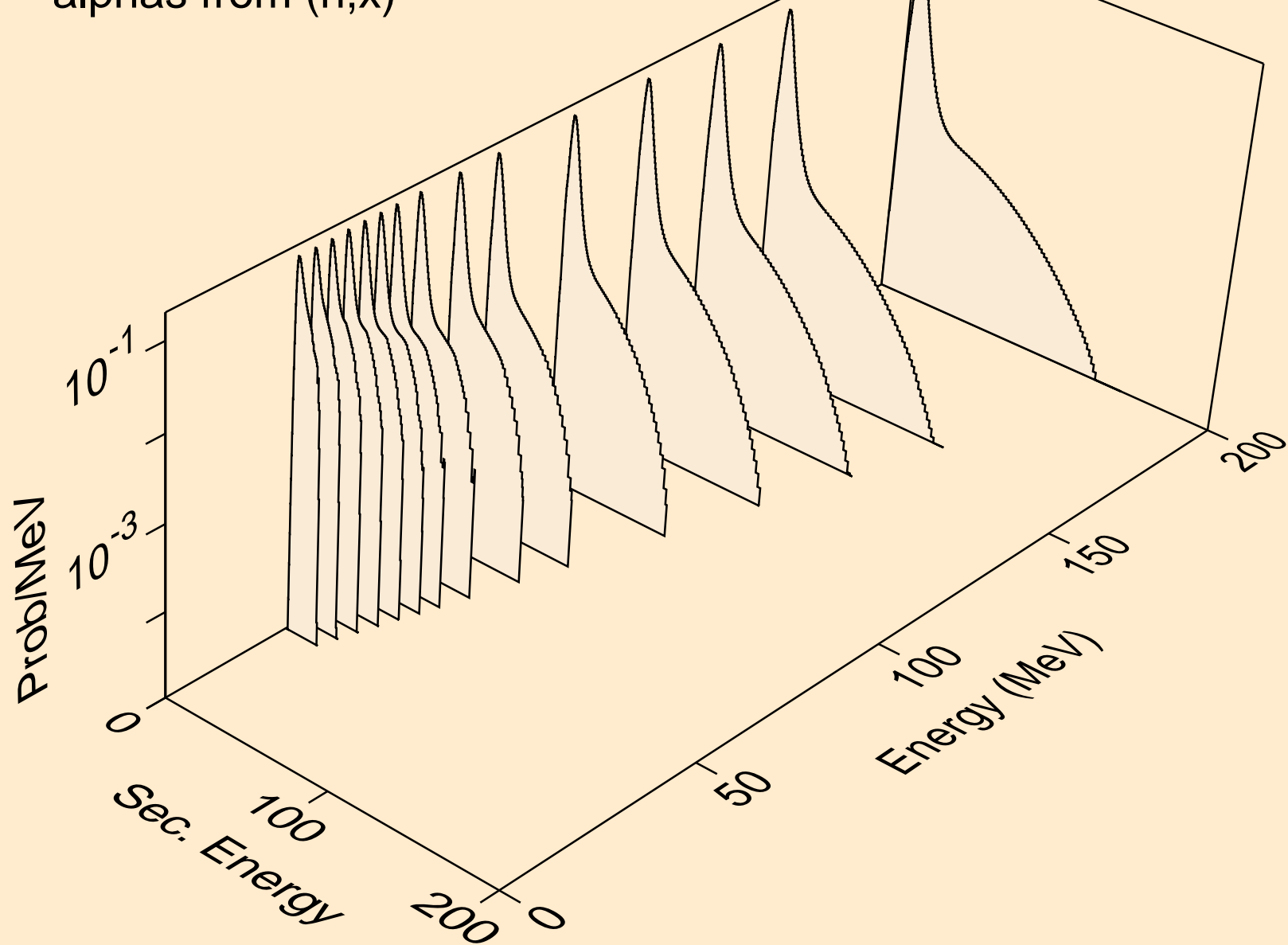
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



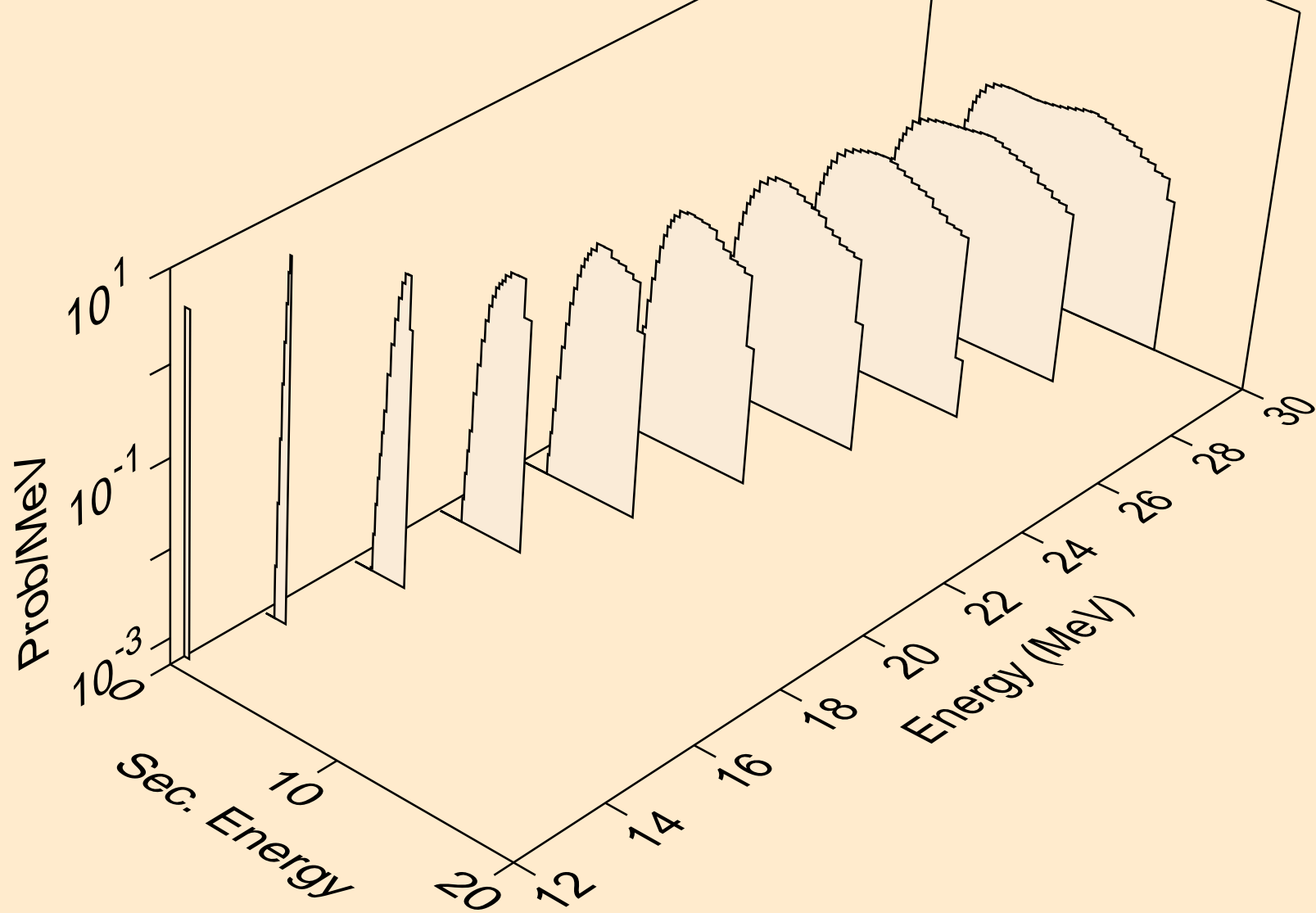
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,he3)



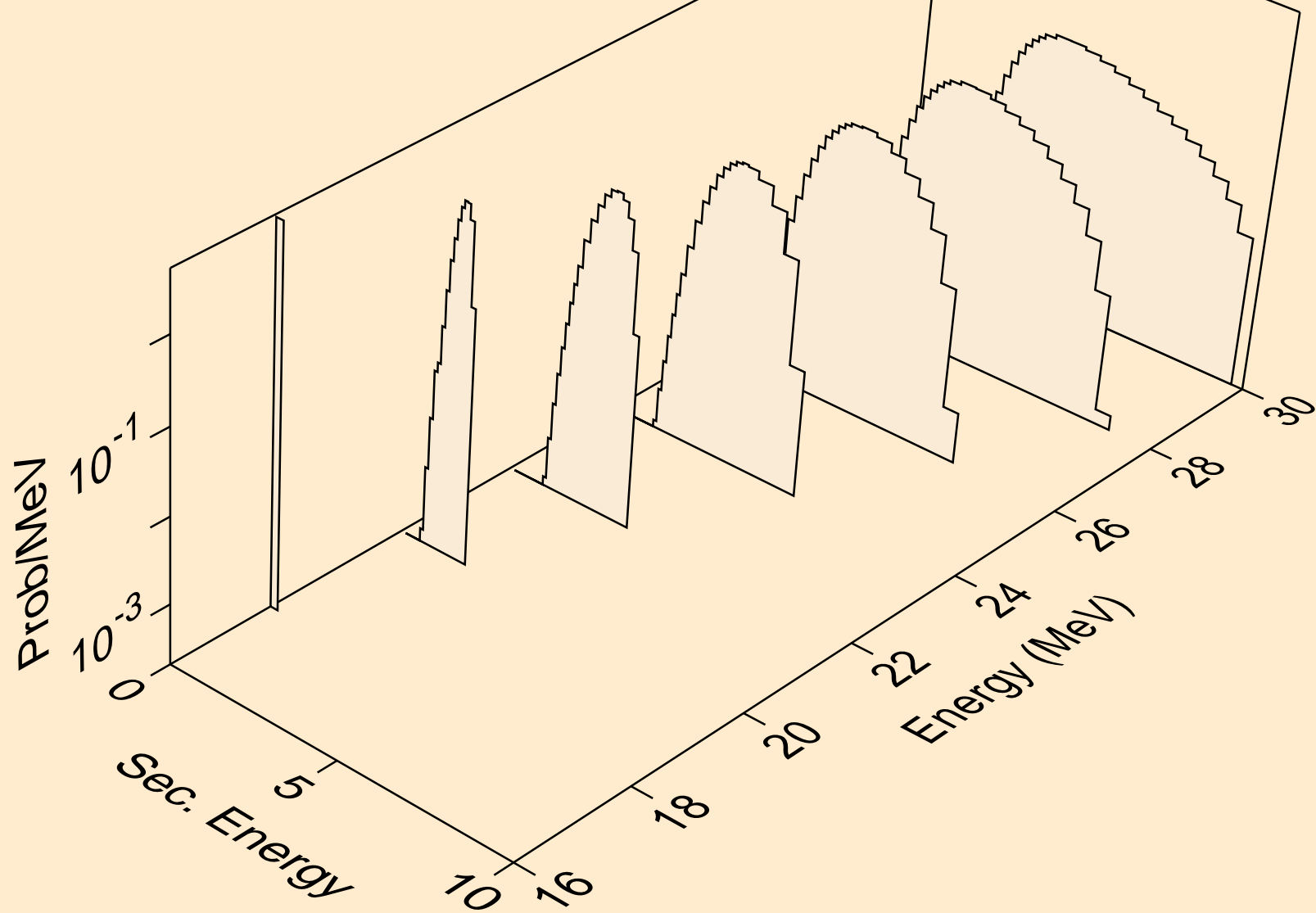
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



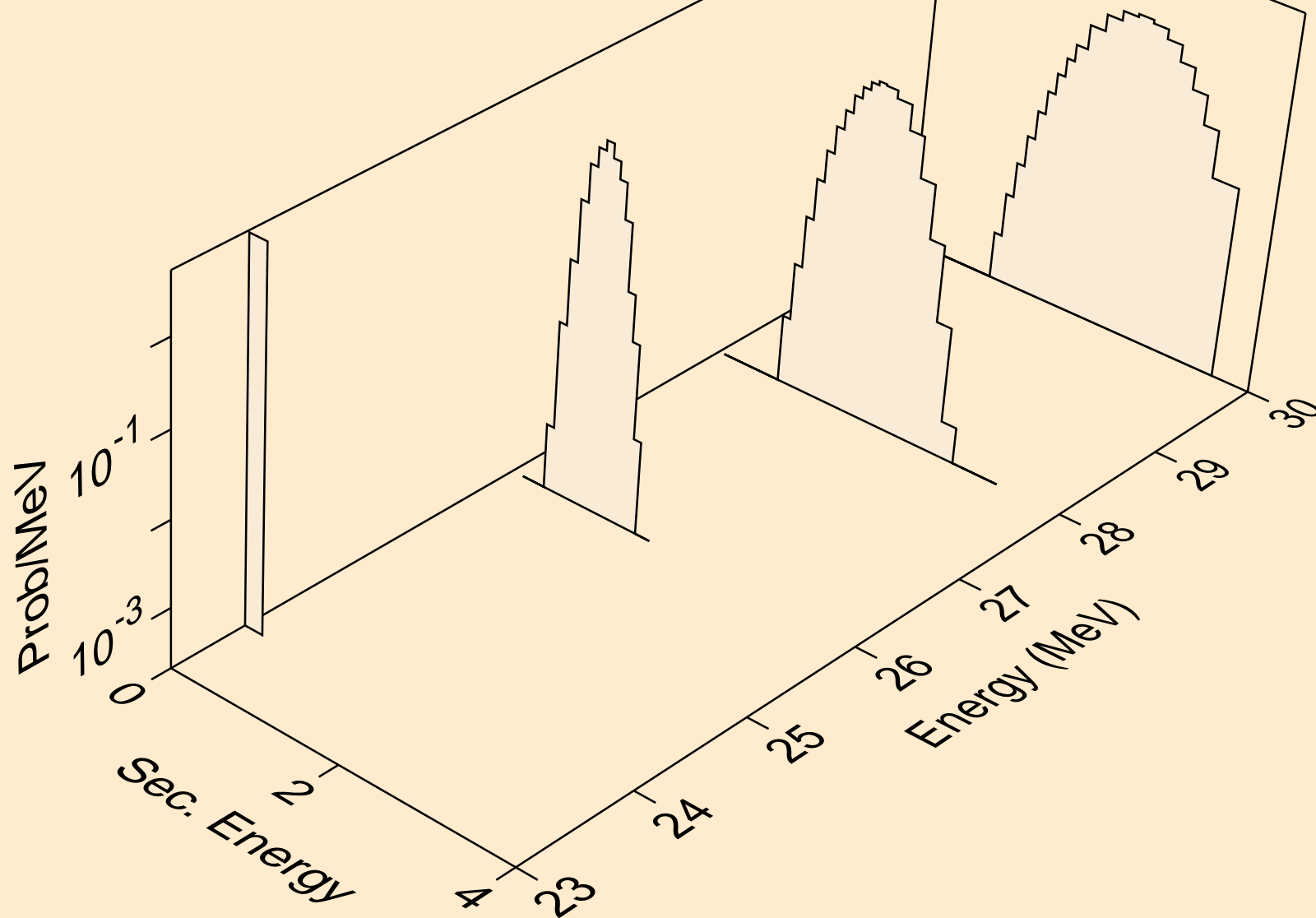
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a

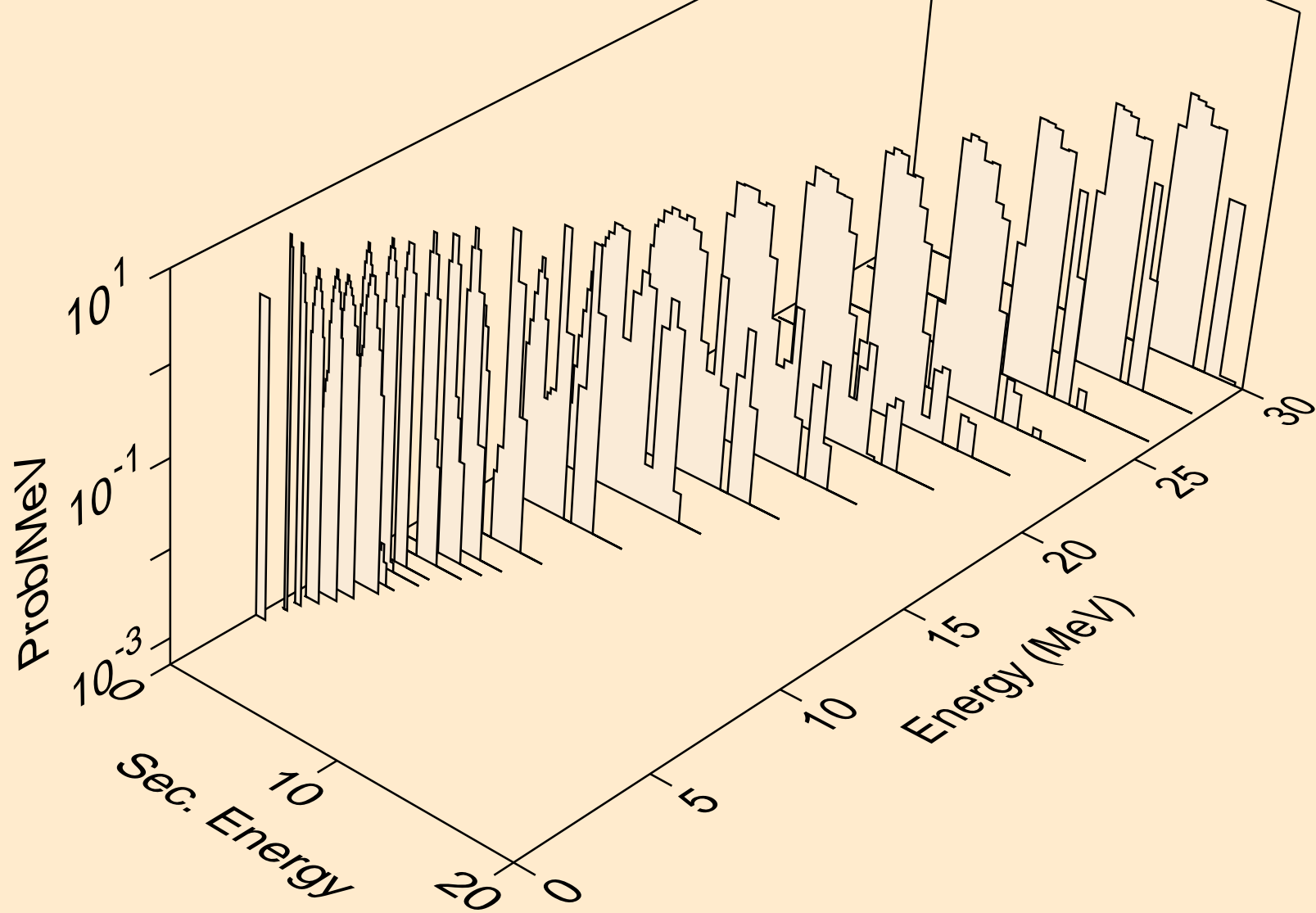


MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)2a

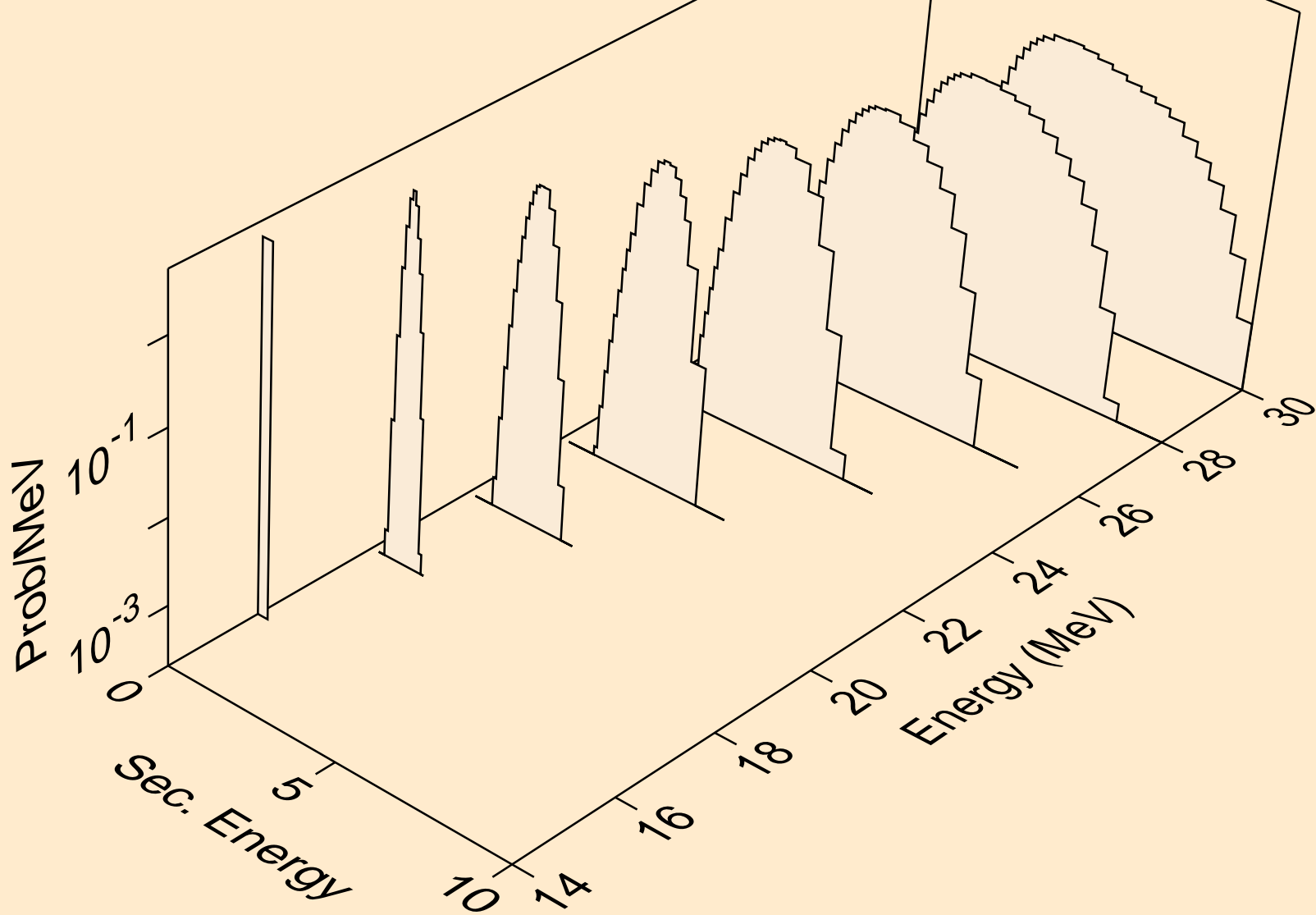




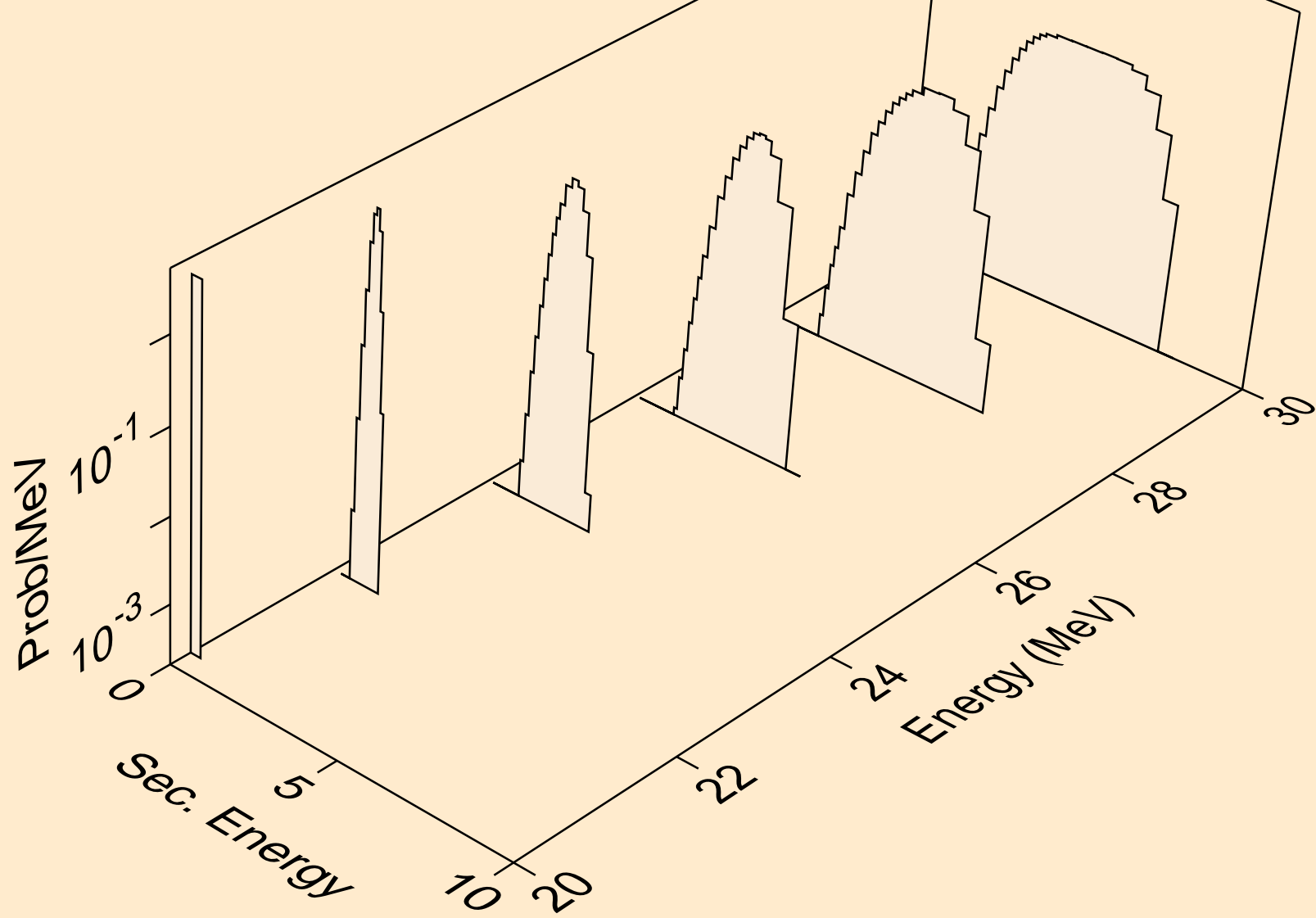
MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2a)



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,pa)



MG027 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,da)

