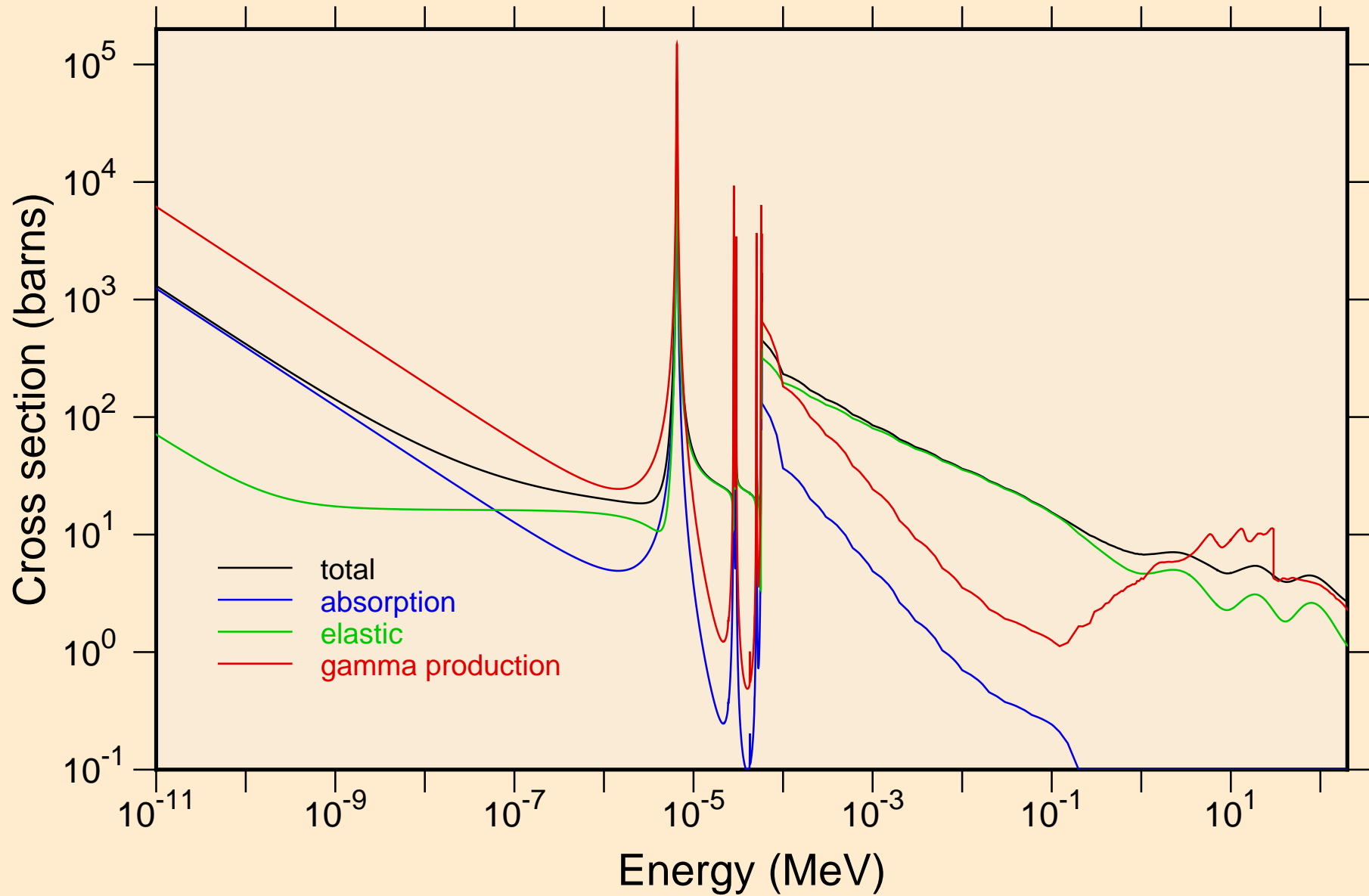
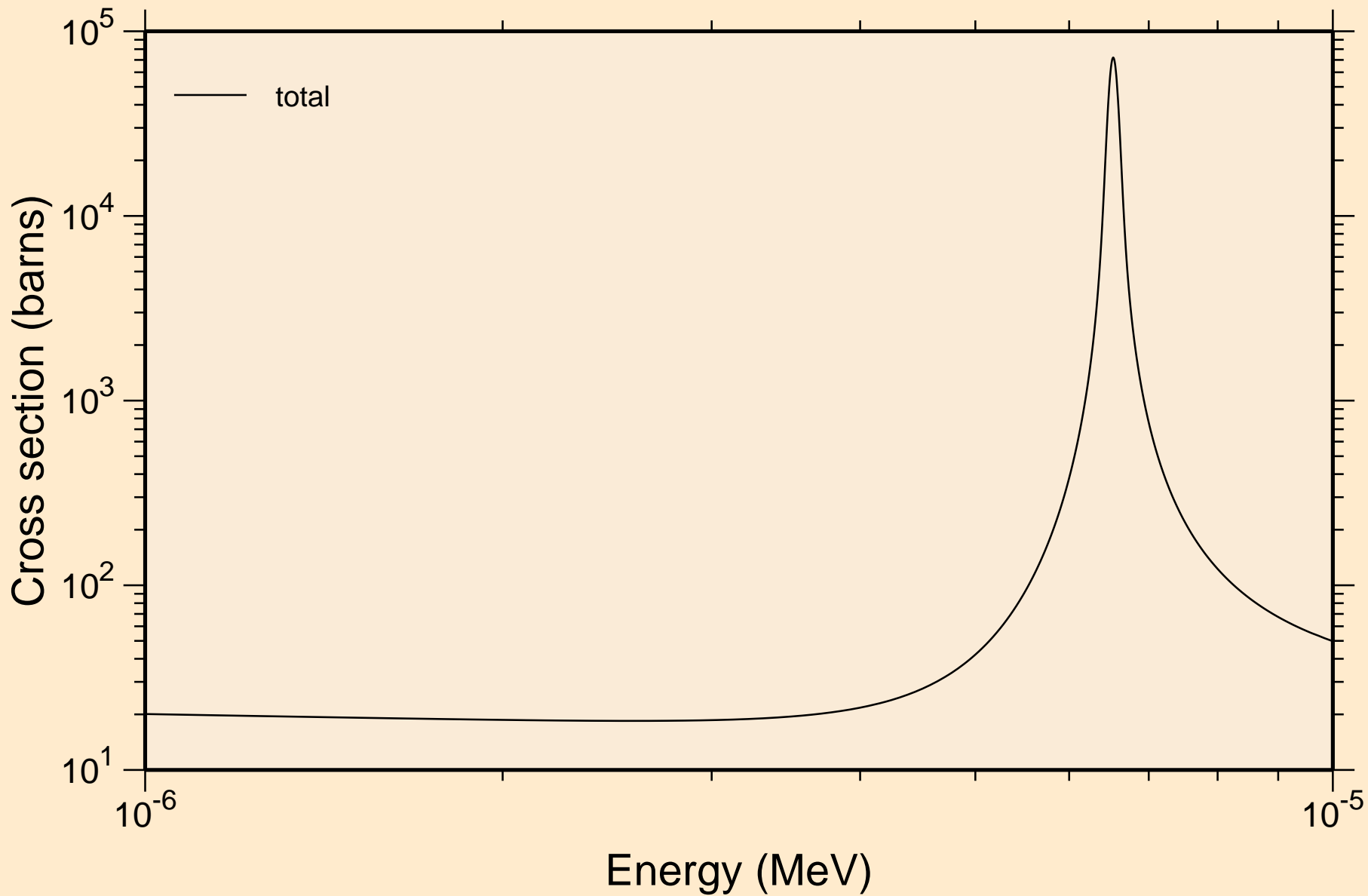


# YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

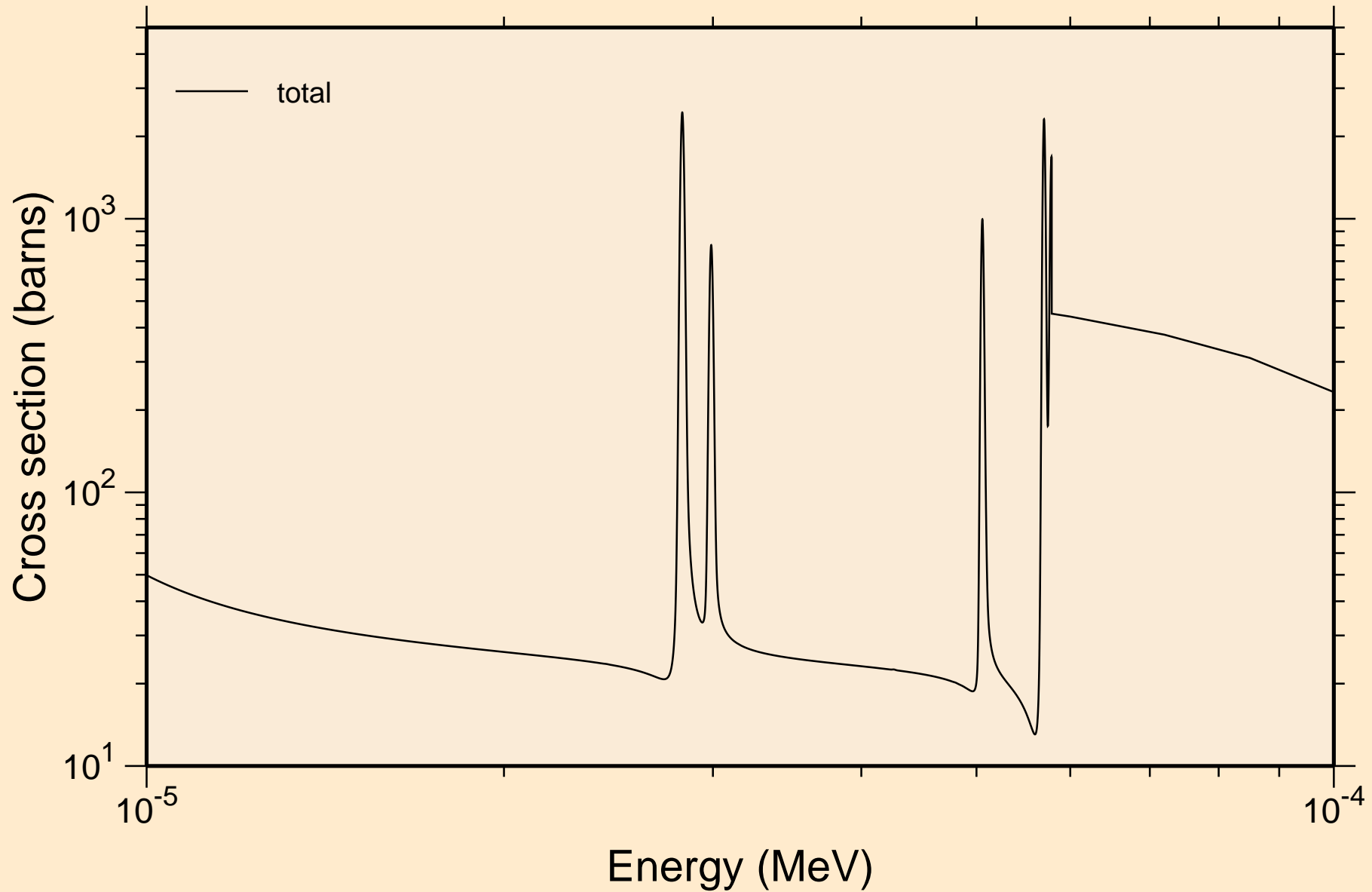
## Principal cross sections



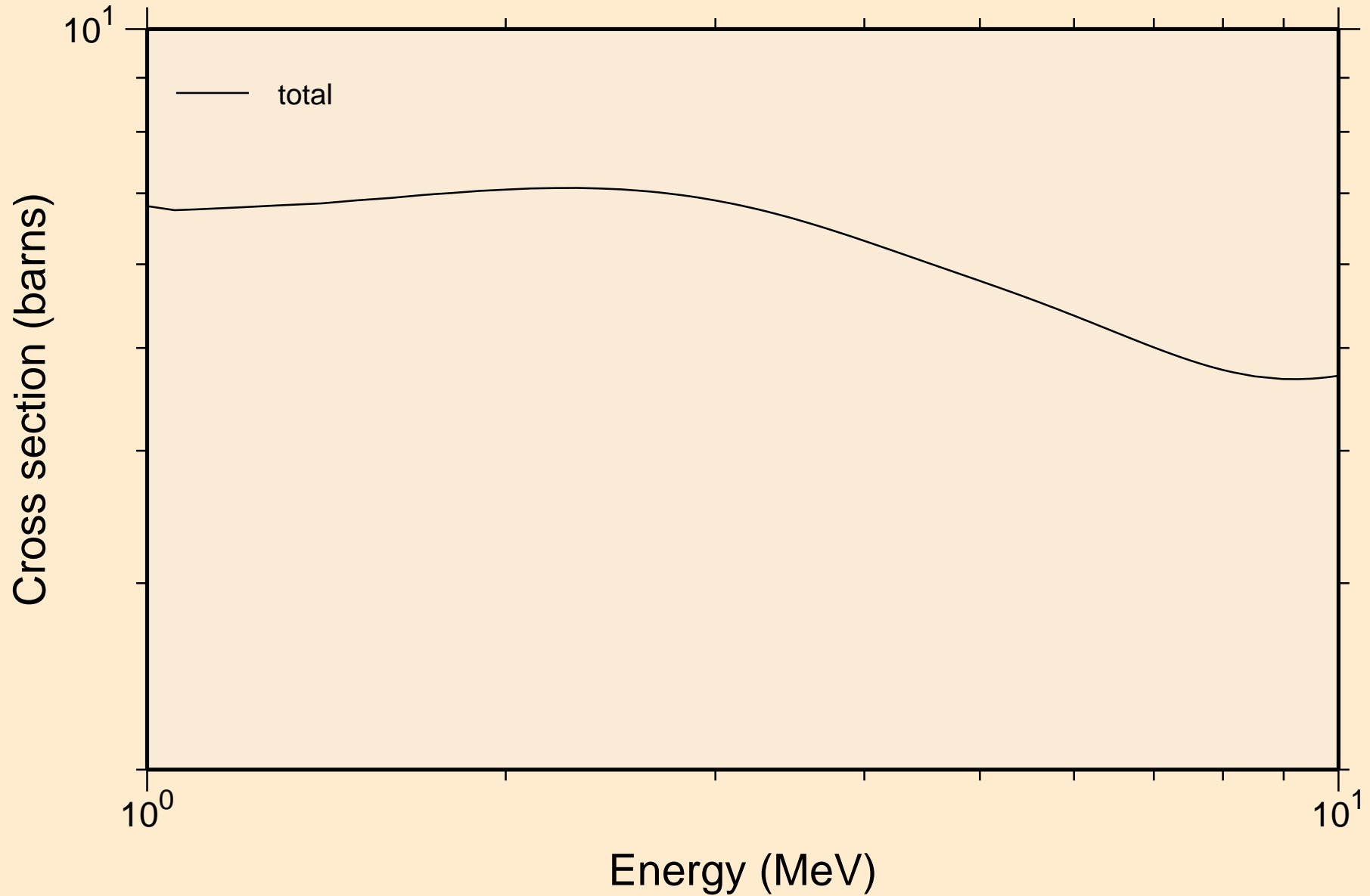
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



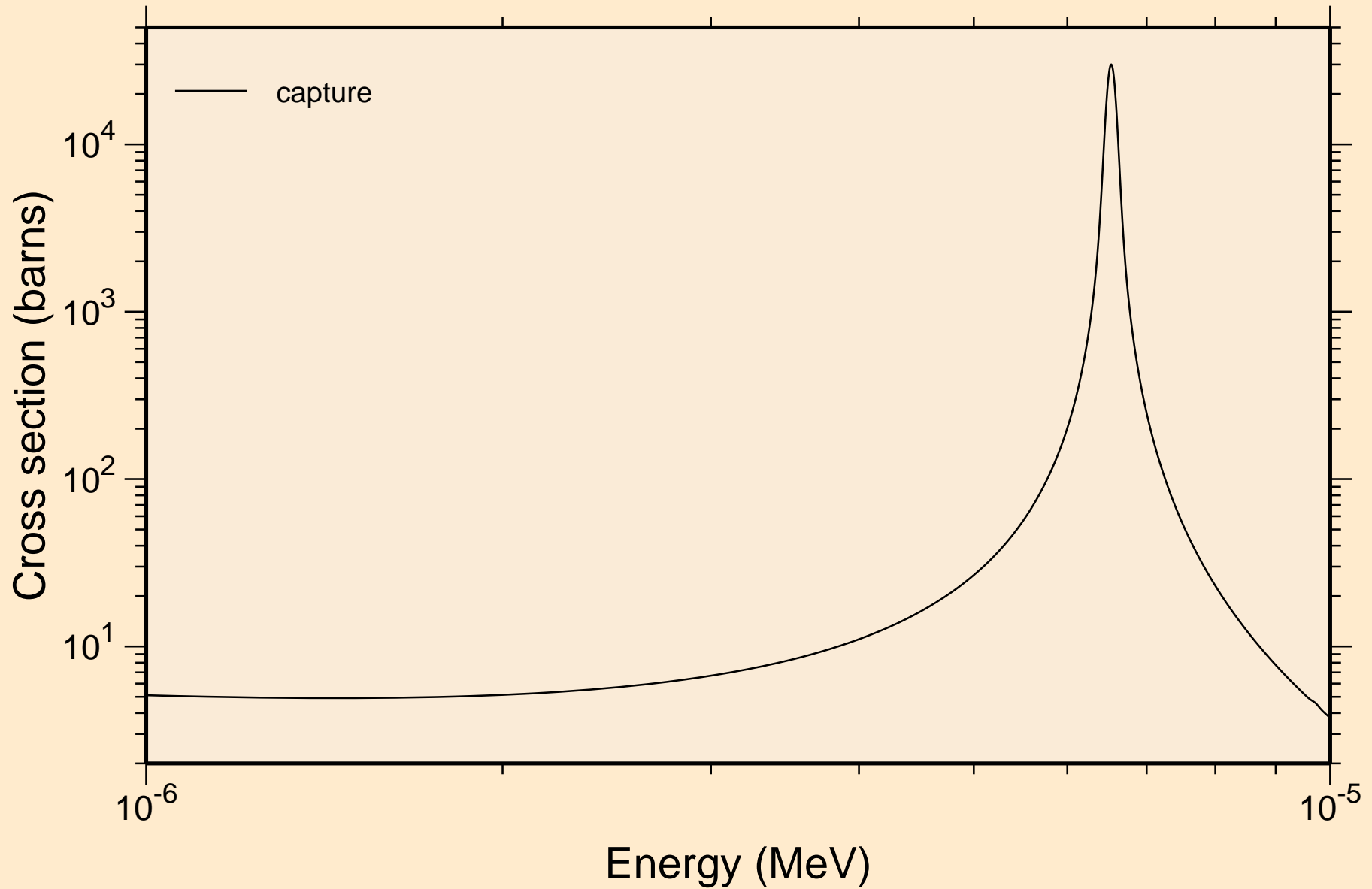
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



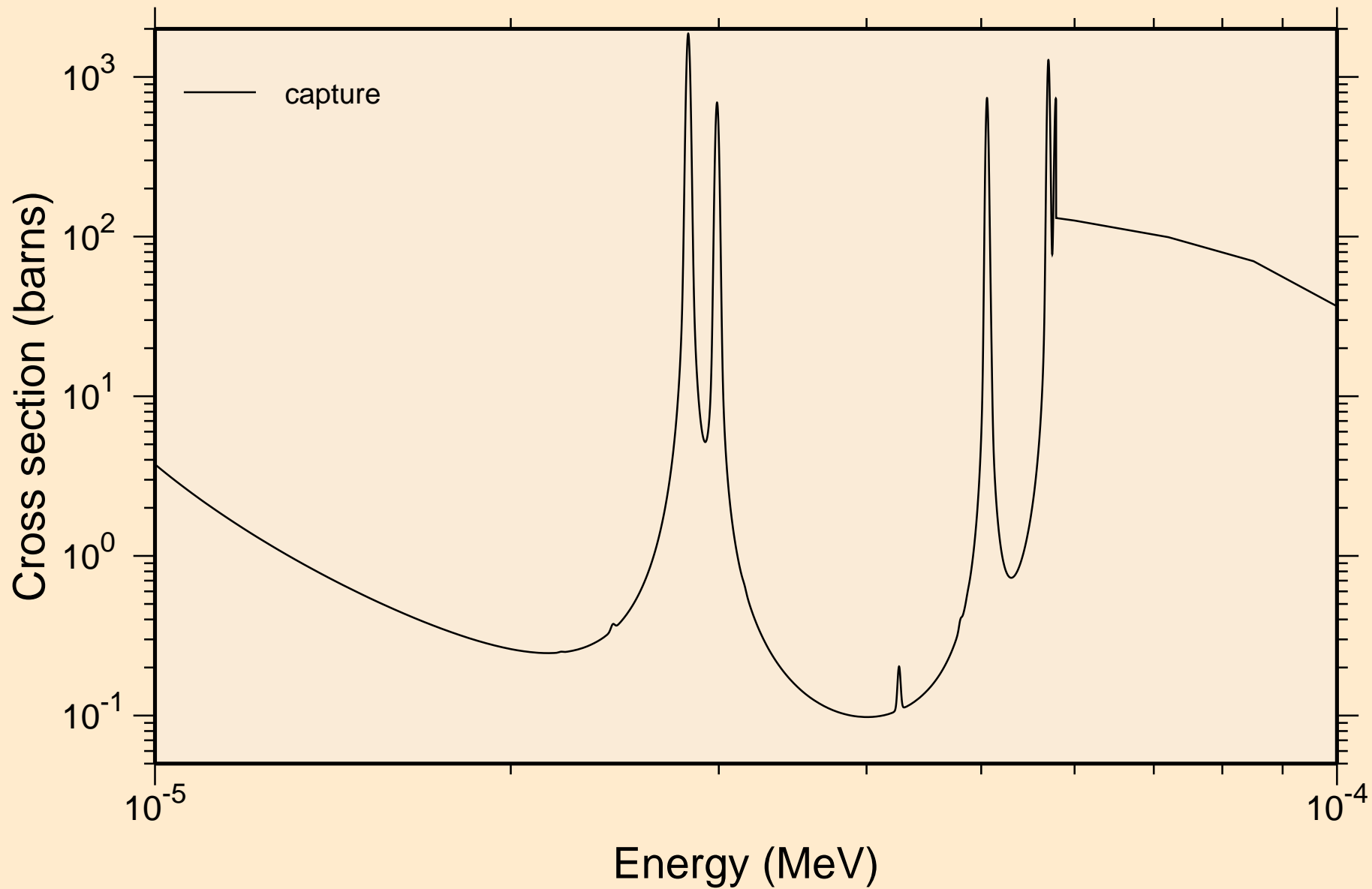
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



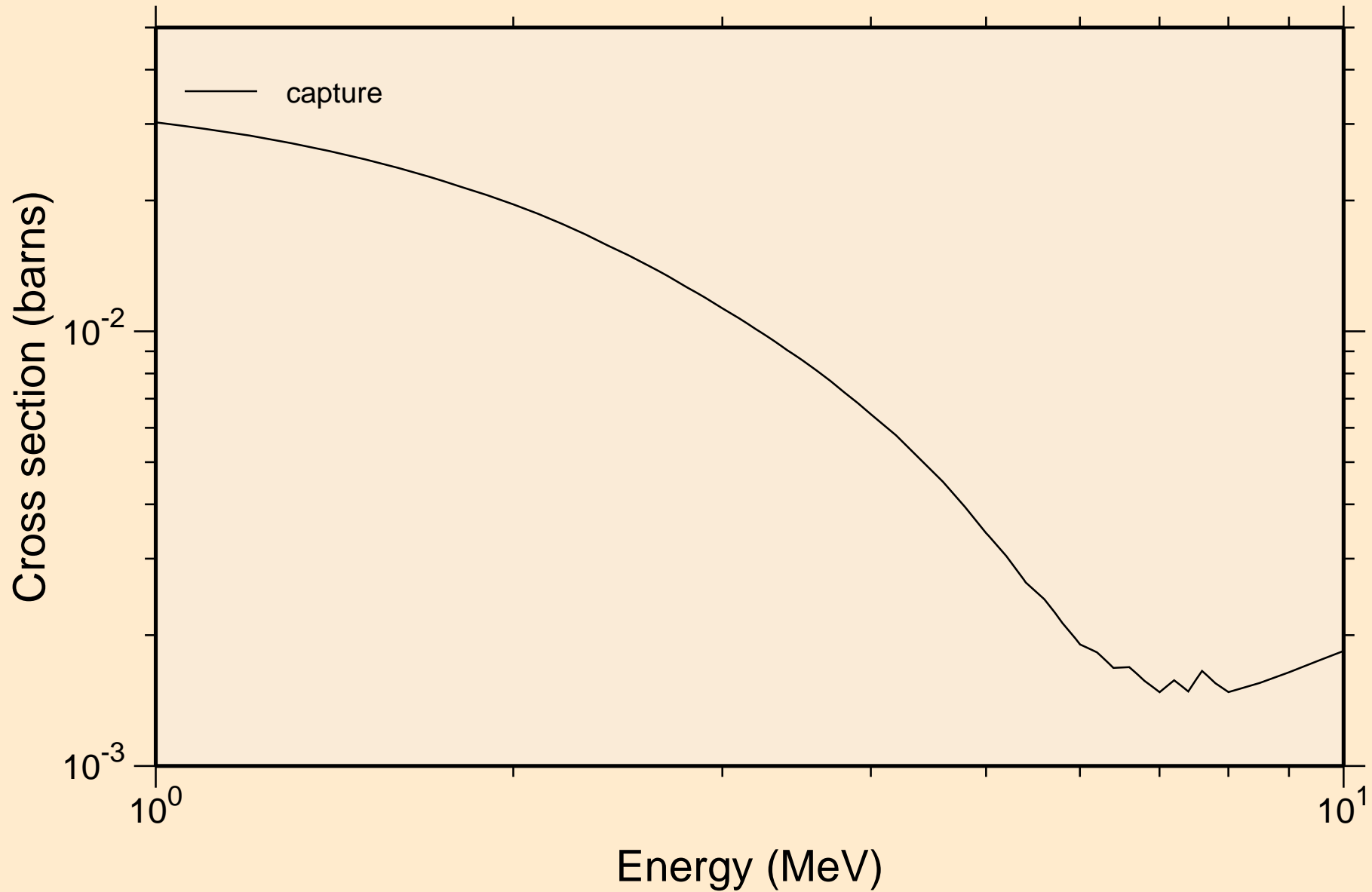
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



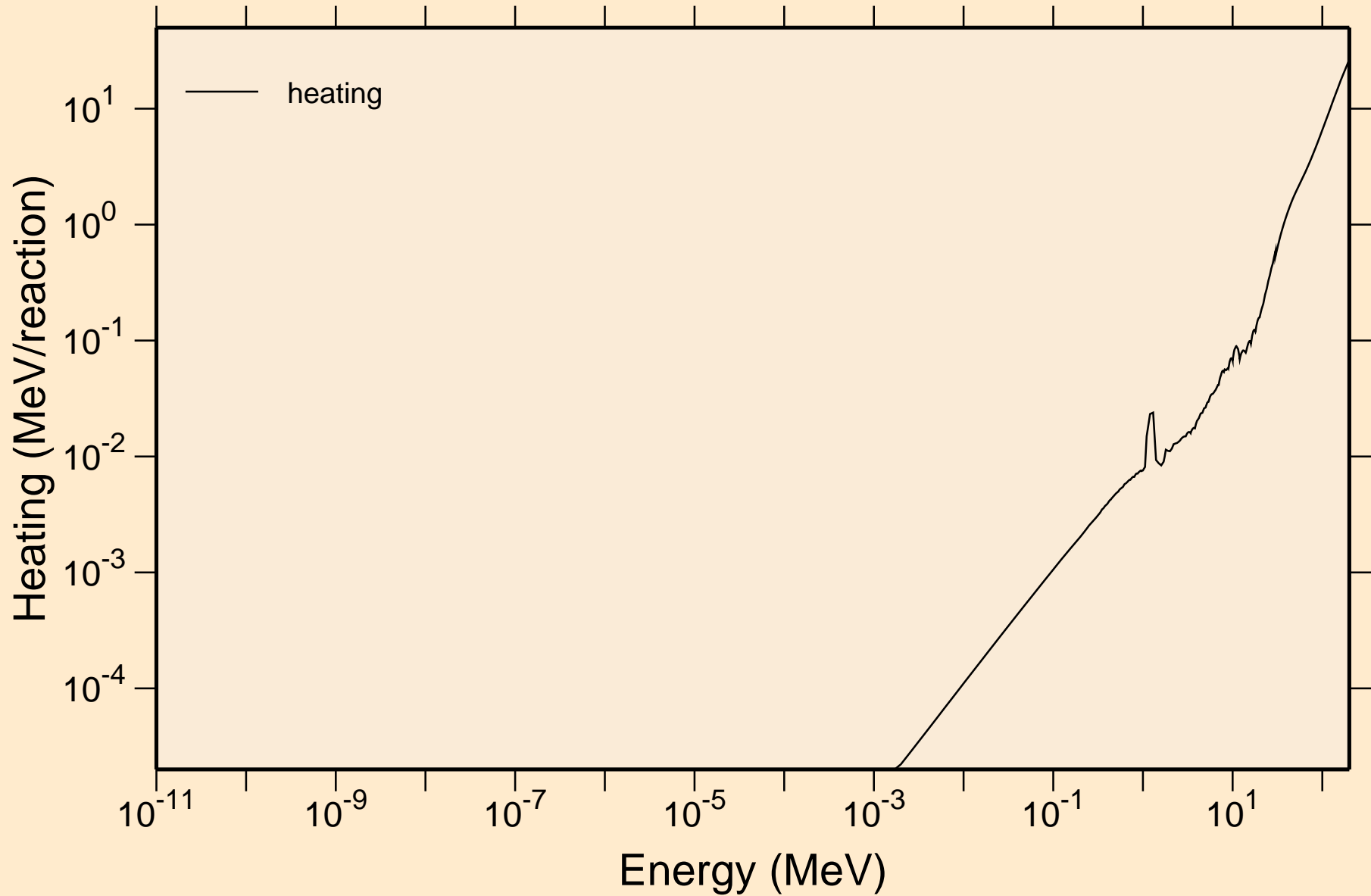
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



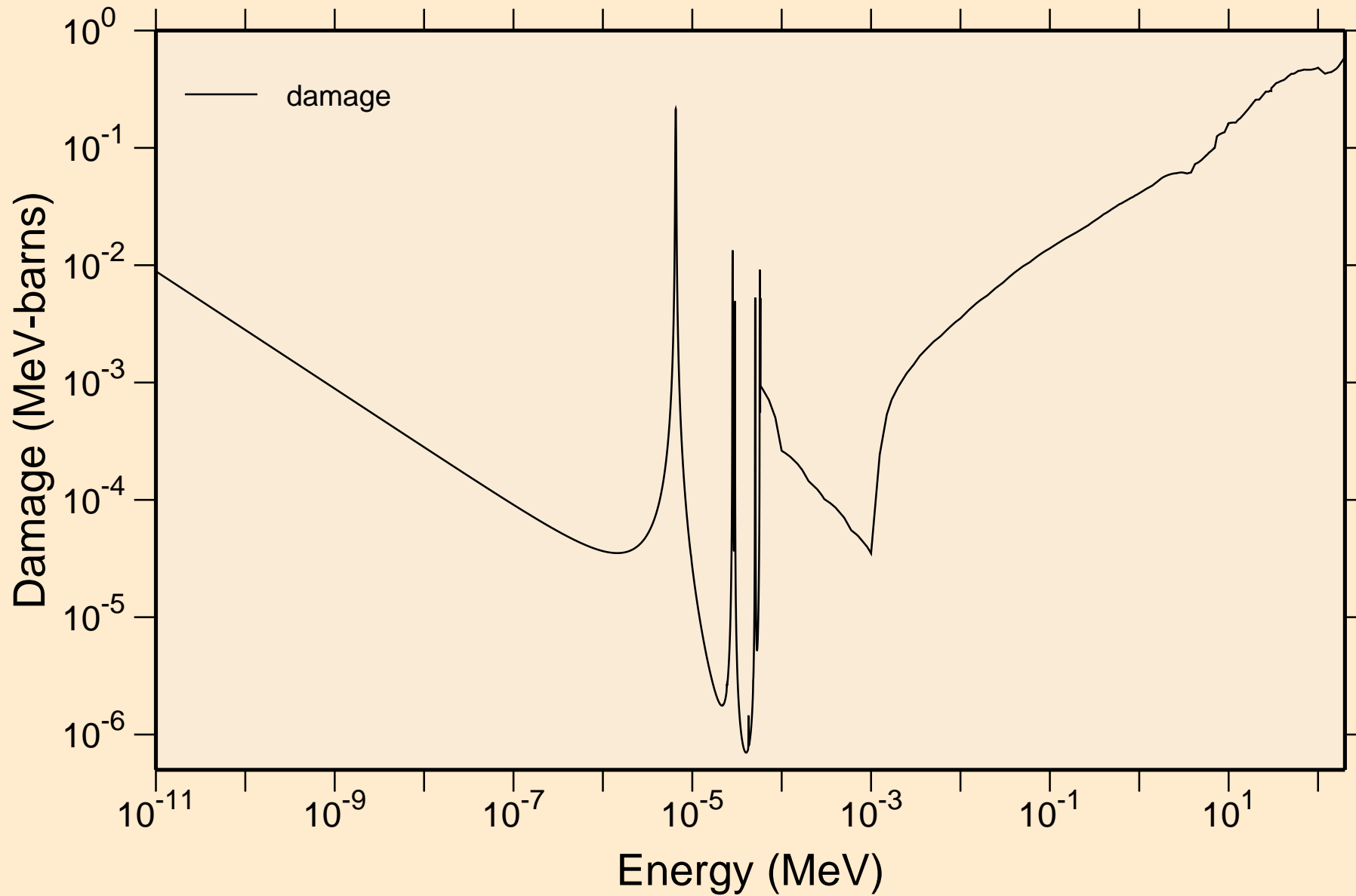
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



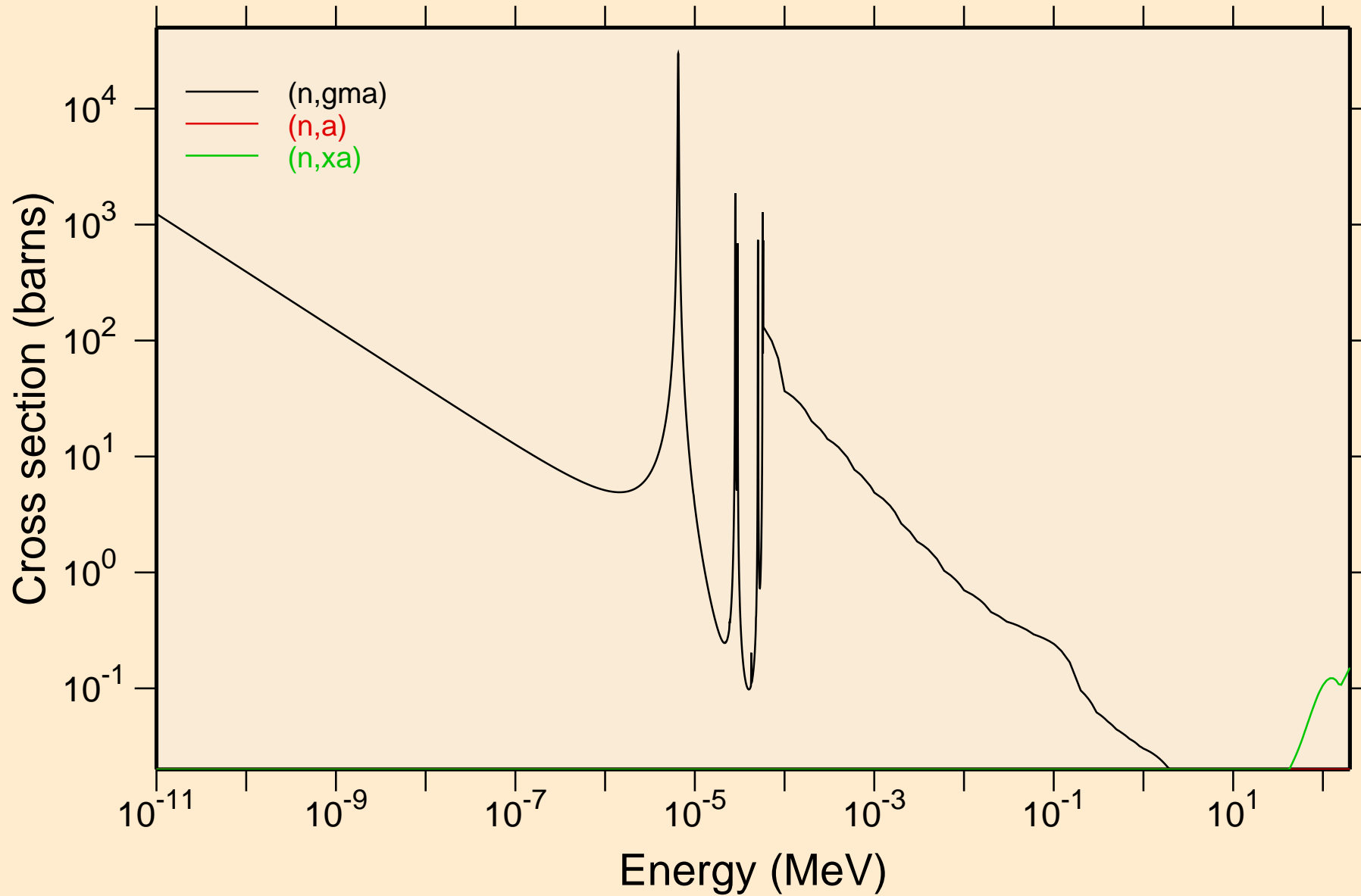
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

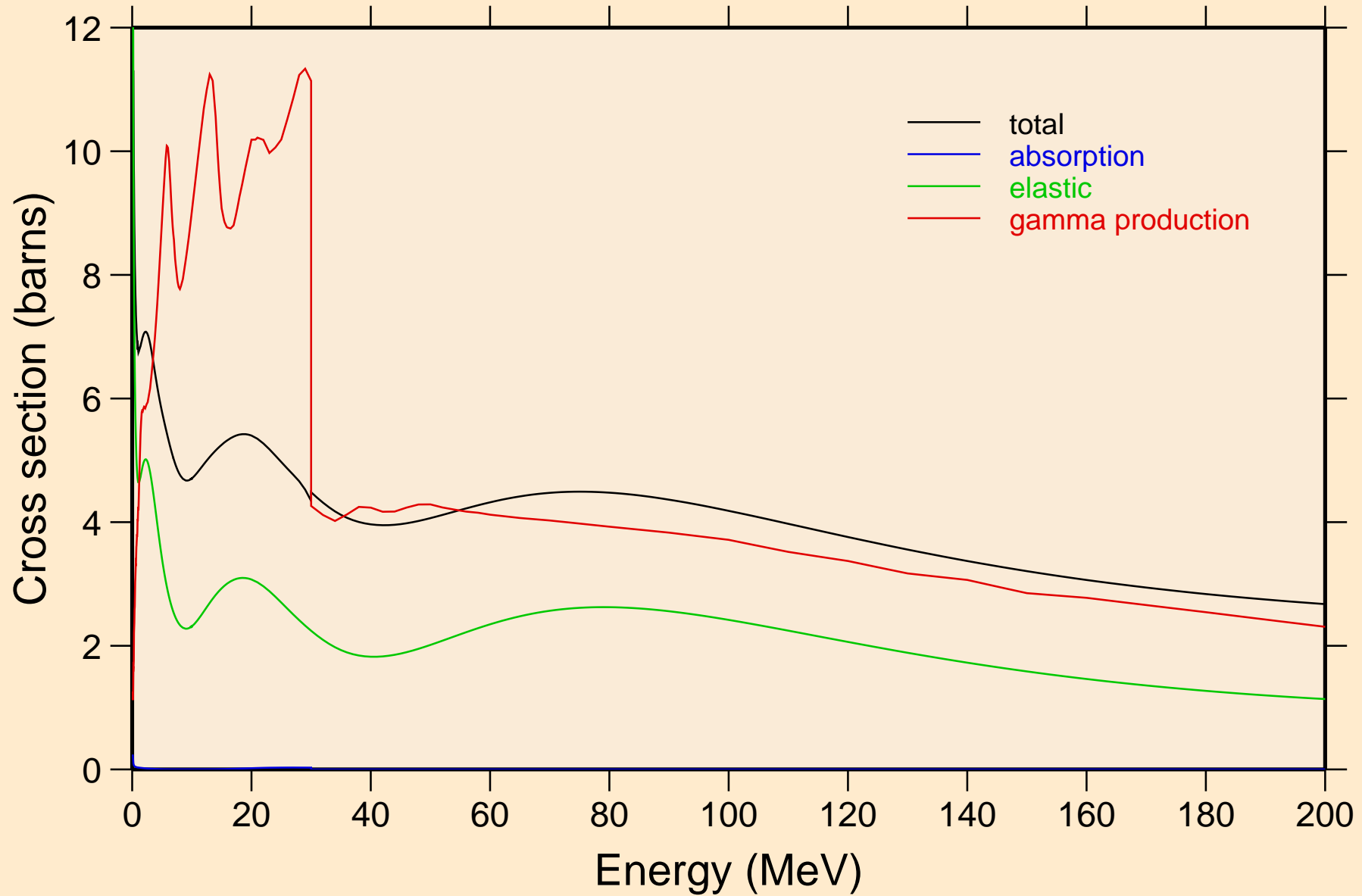


YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

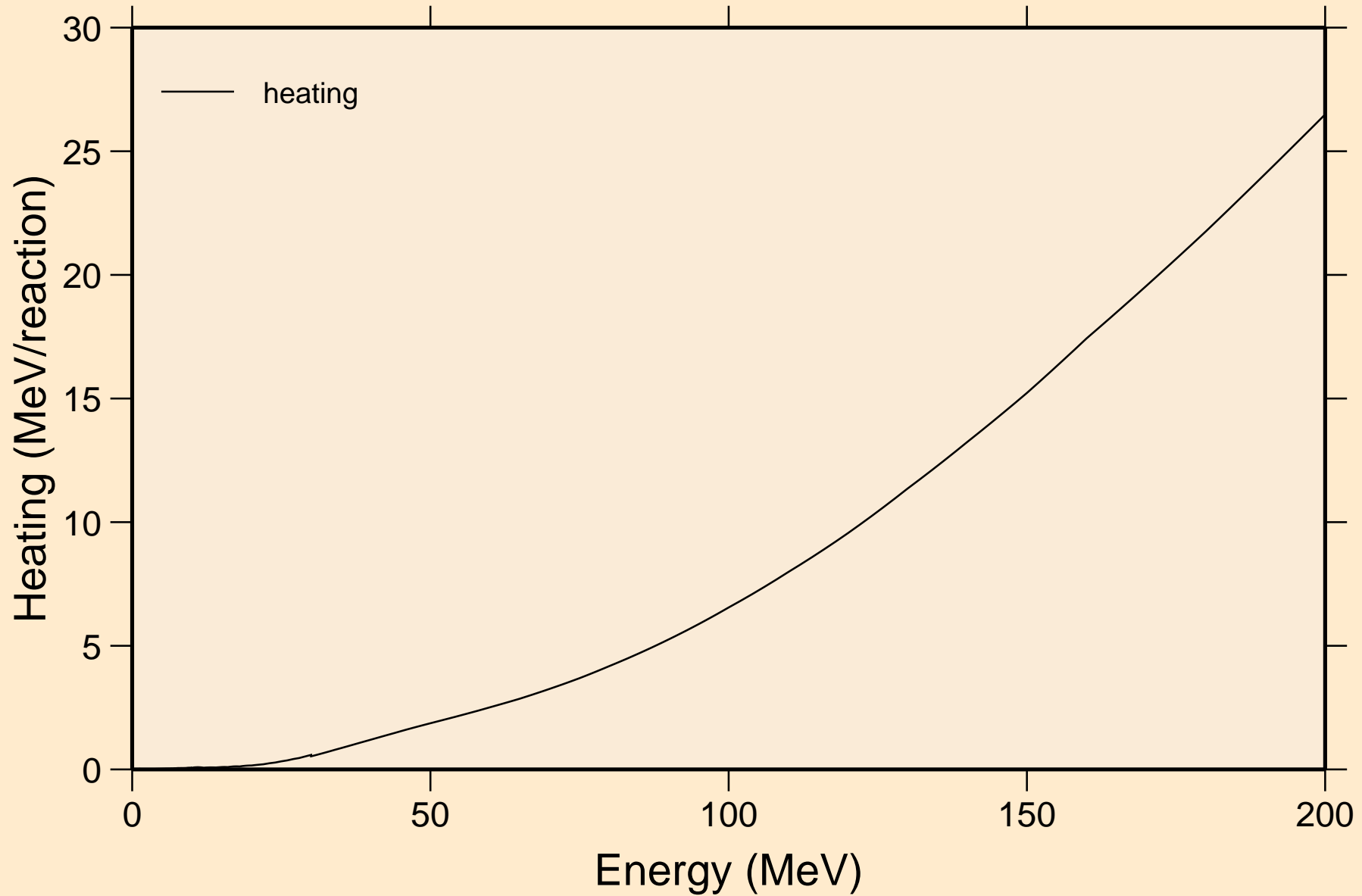


# YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

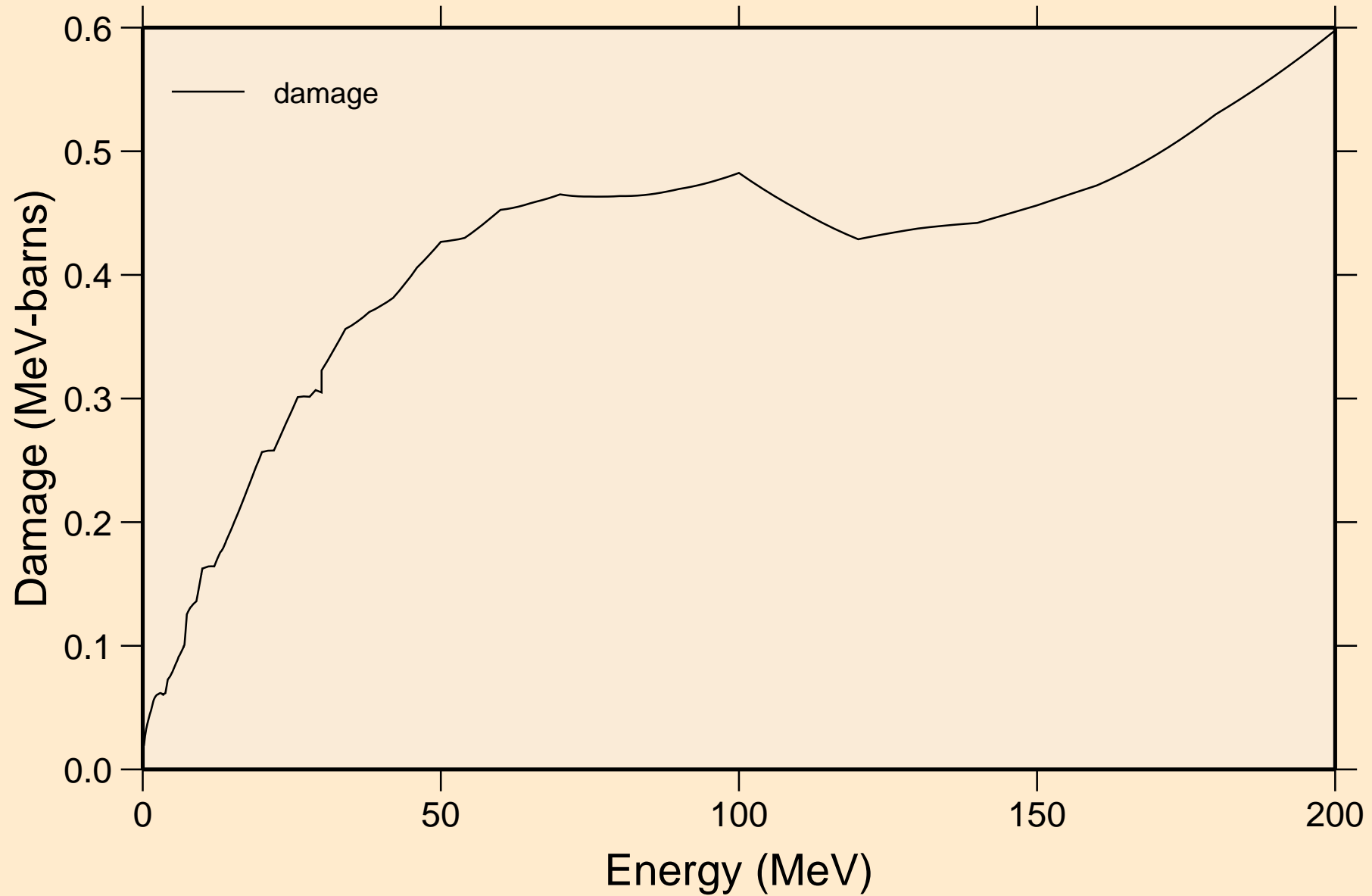
## Principal cross sections



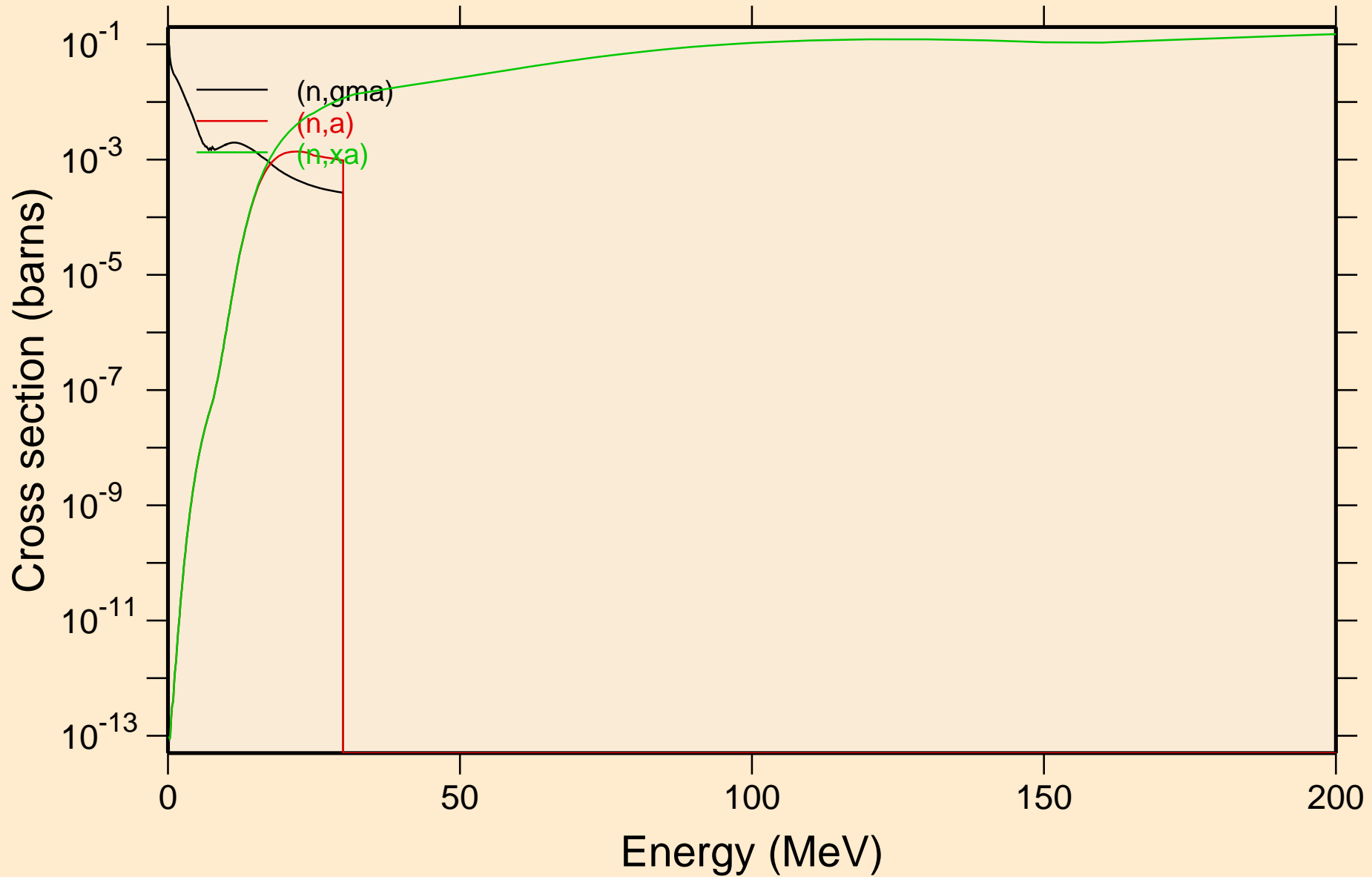
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



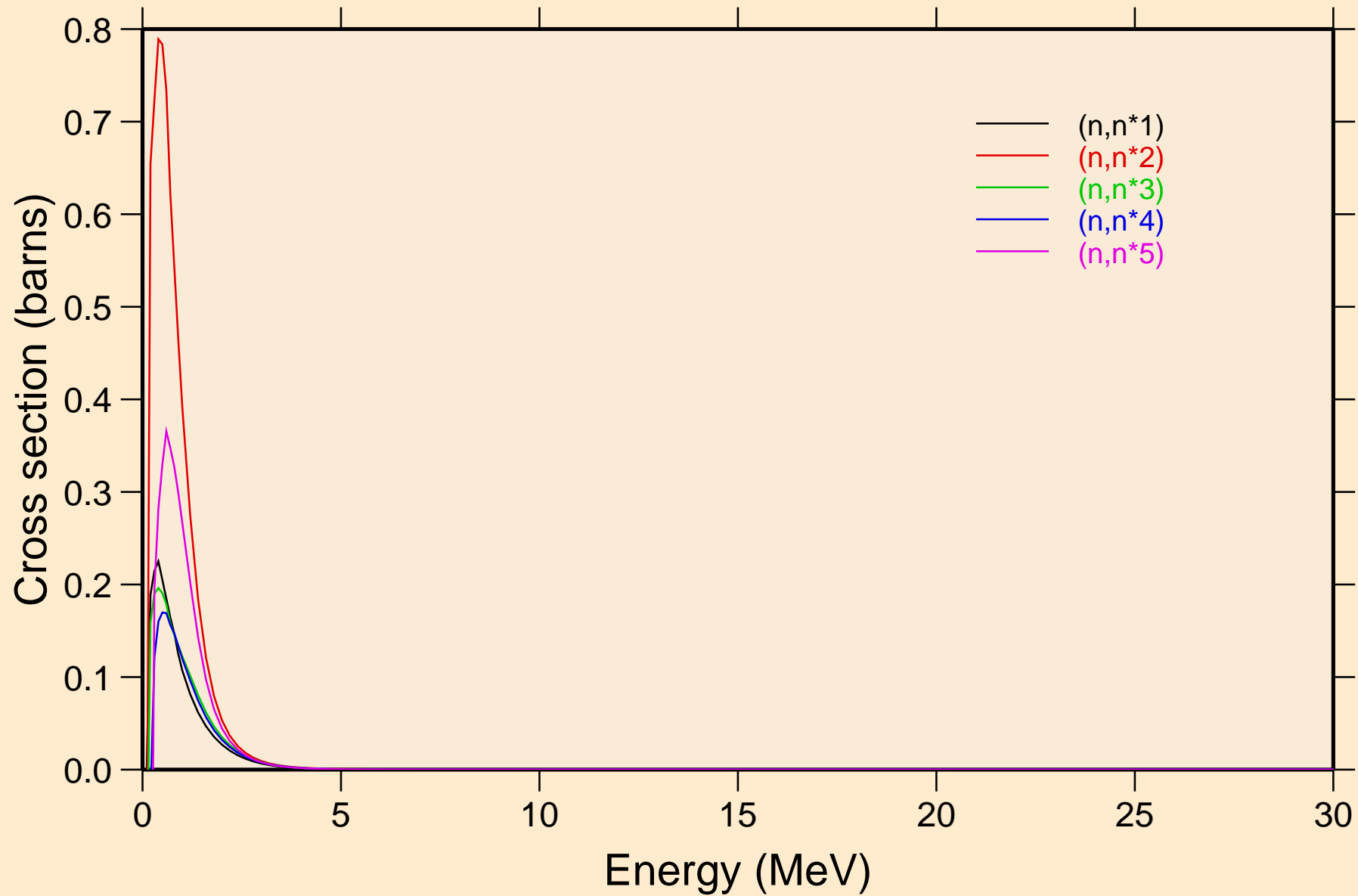
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage



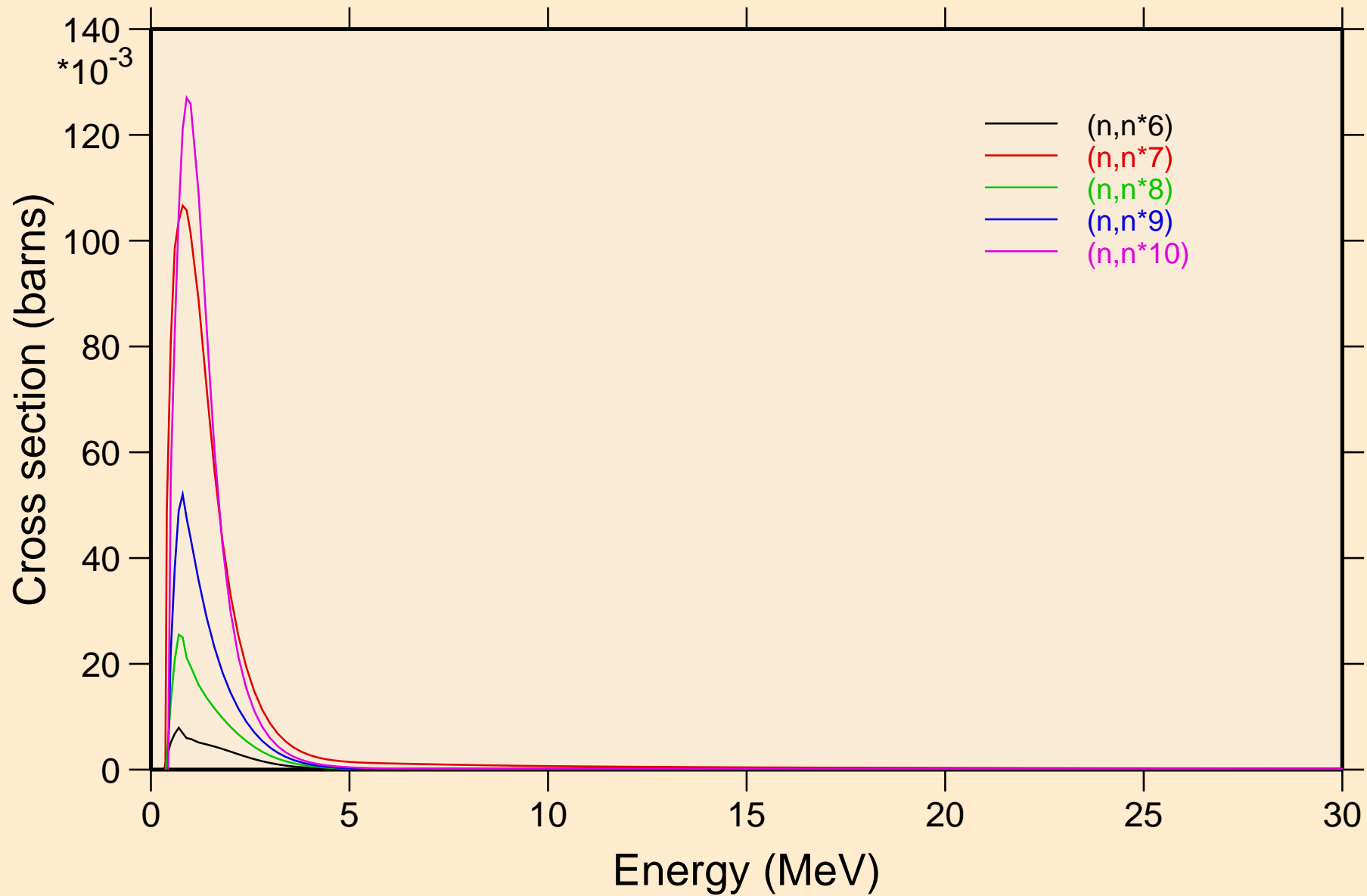
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



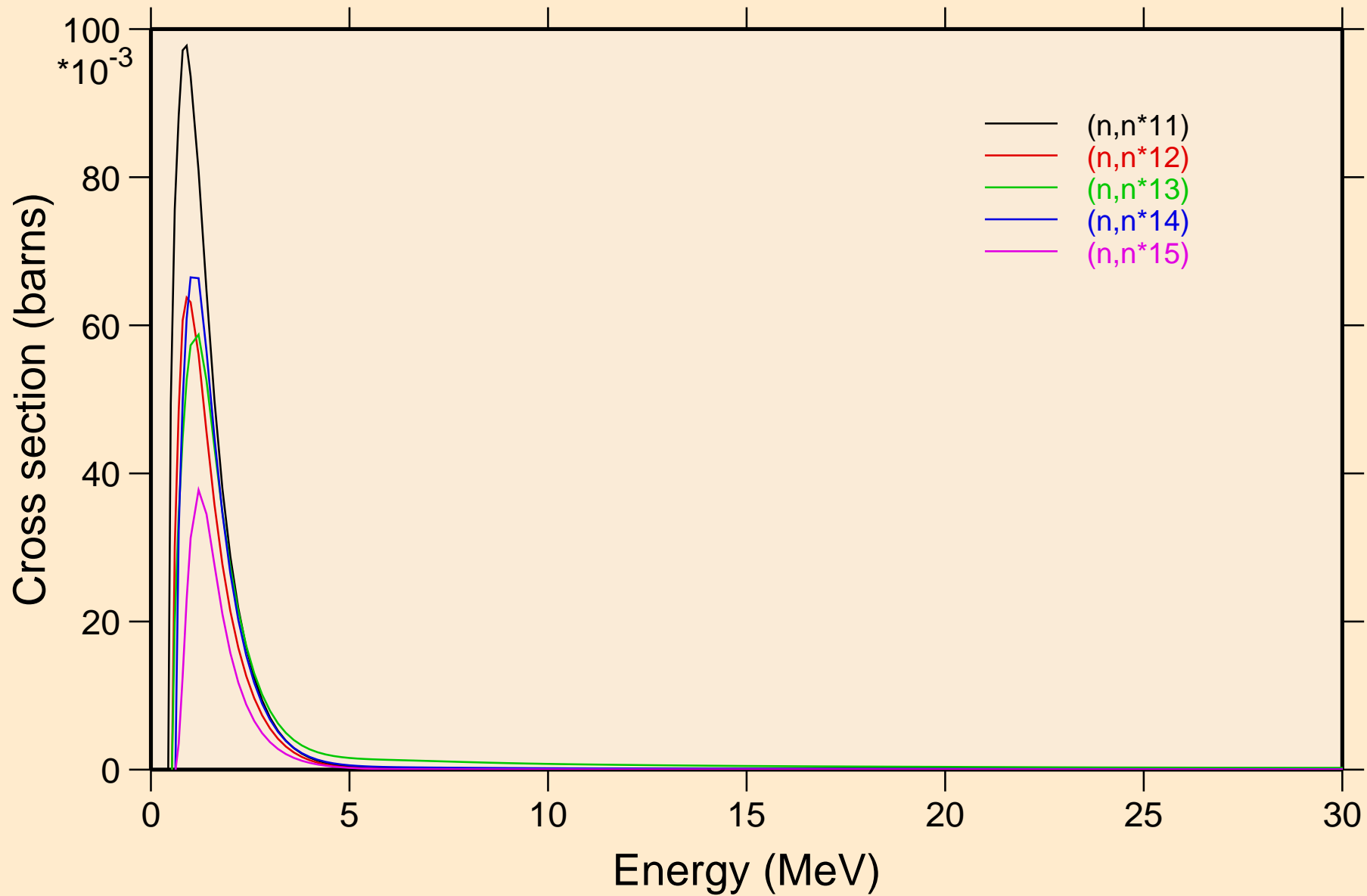
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



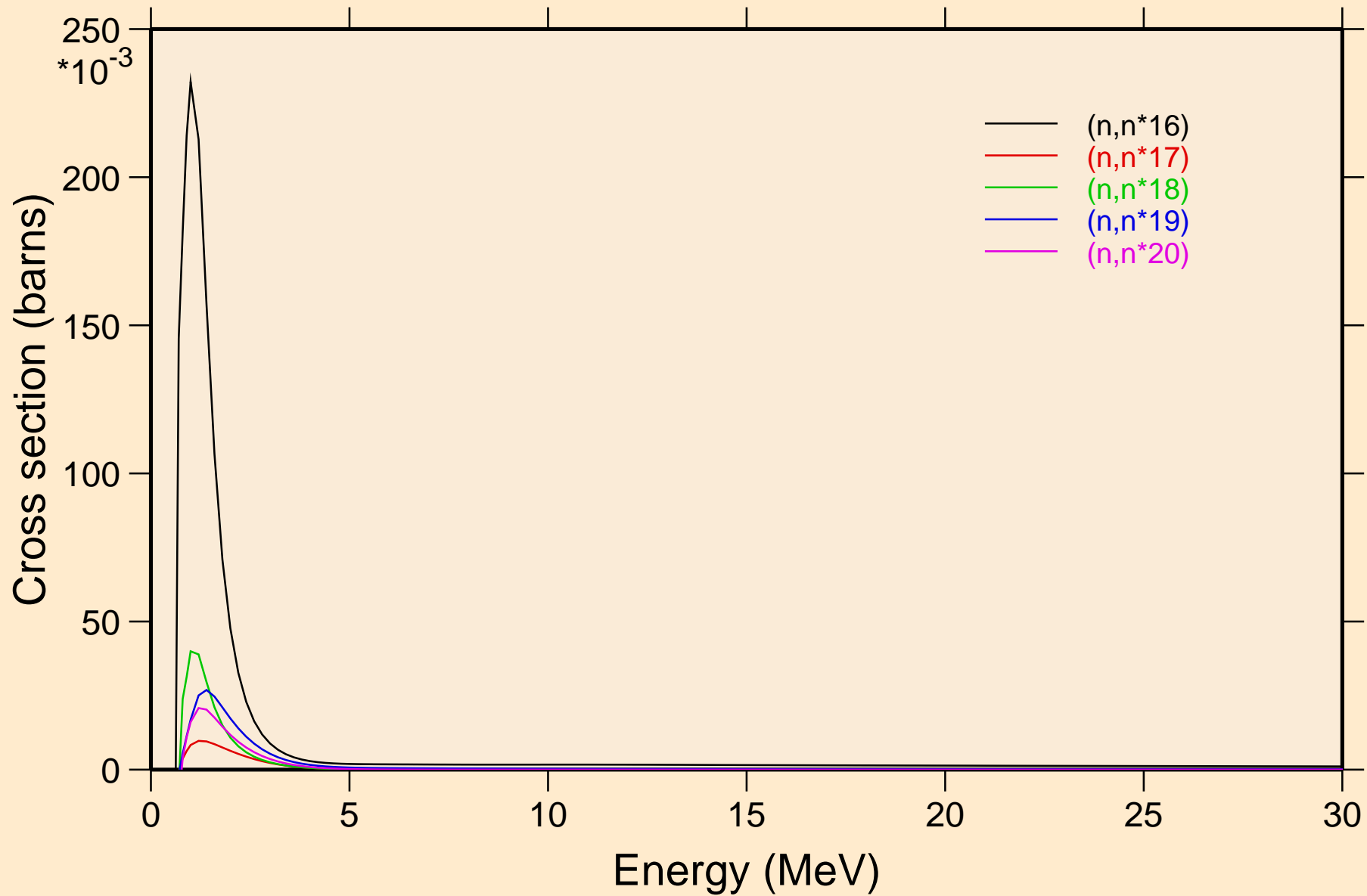
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



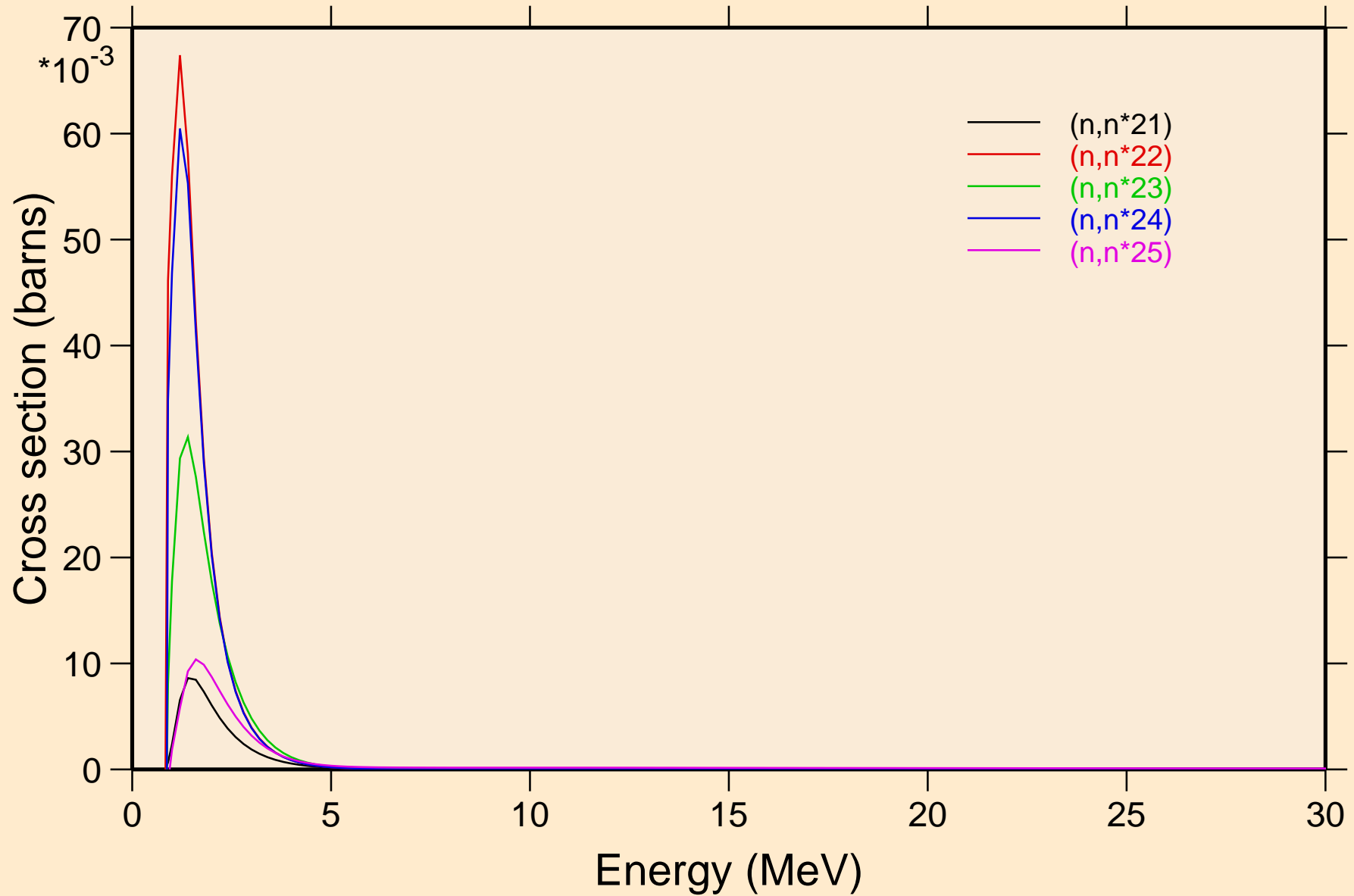
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



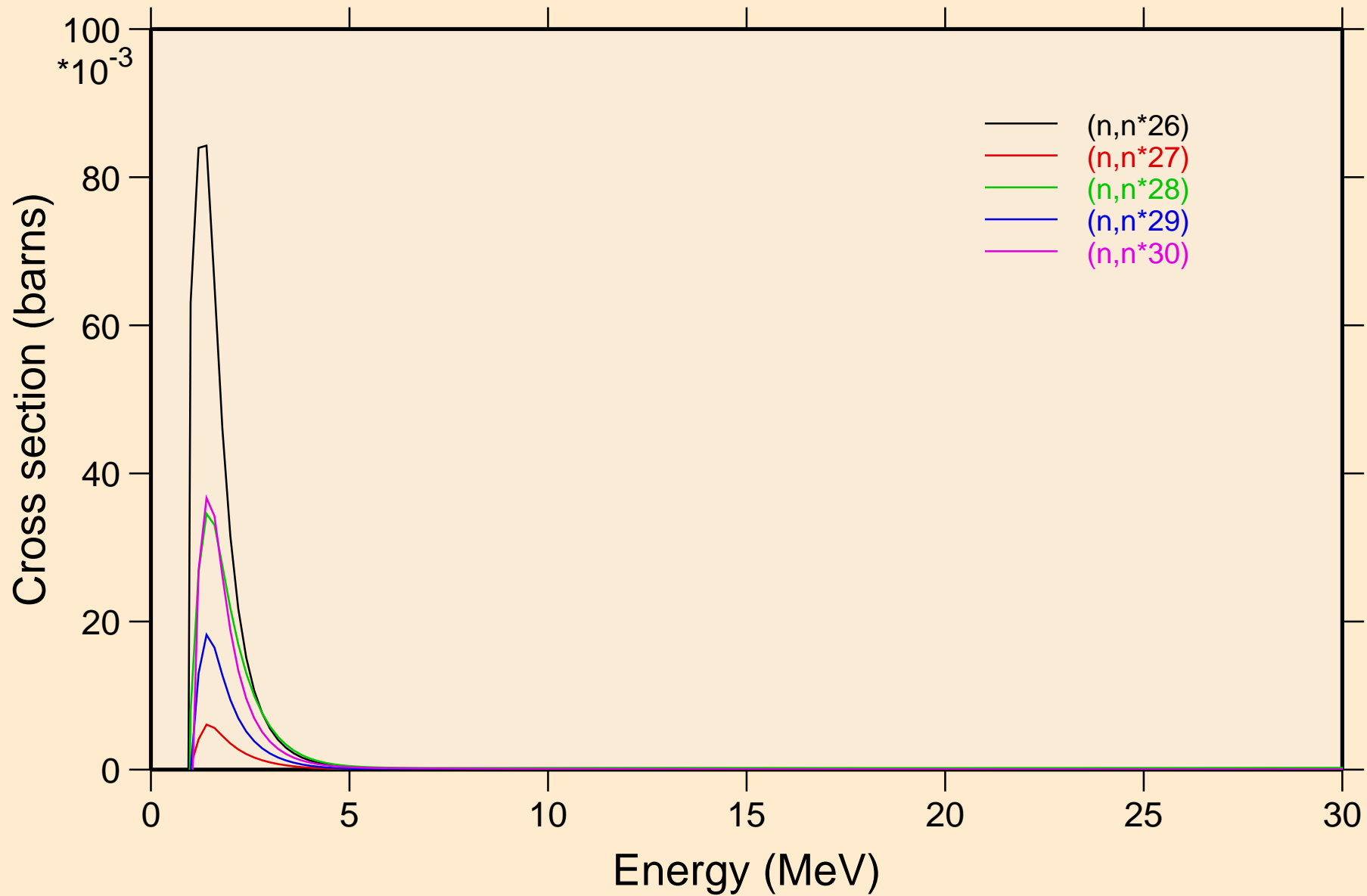
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



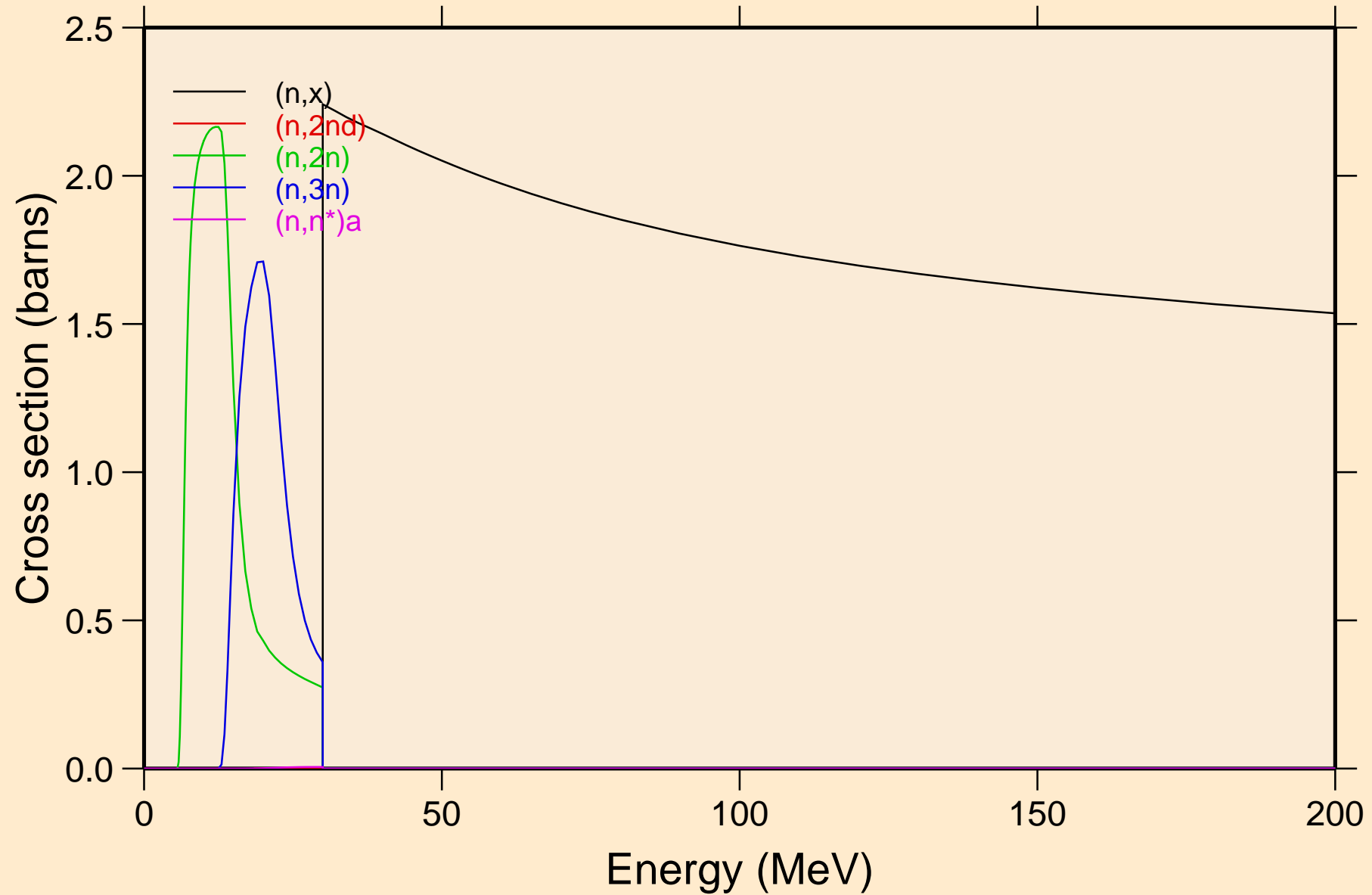
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

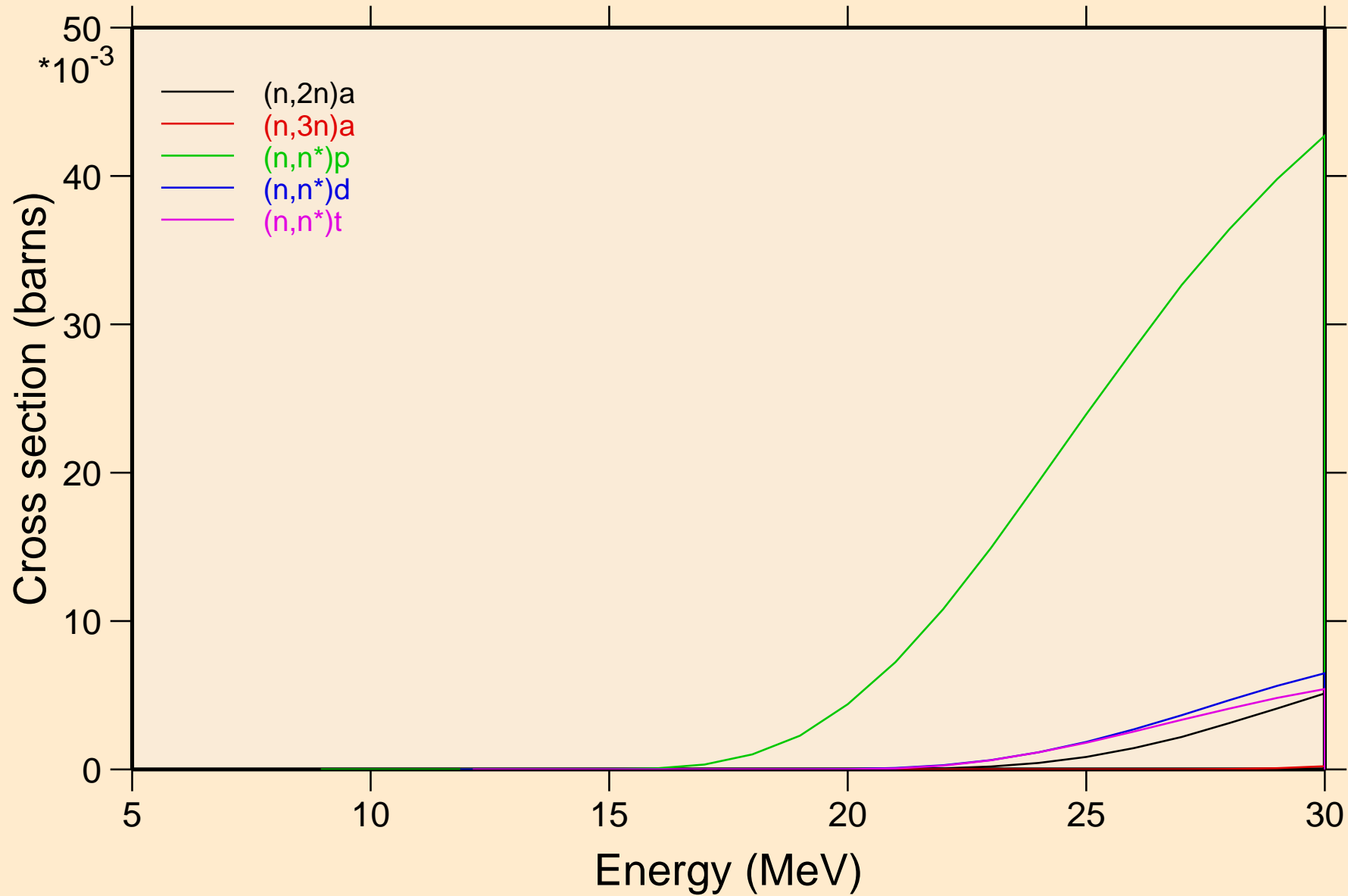


YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

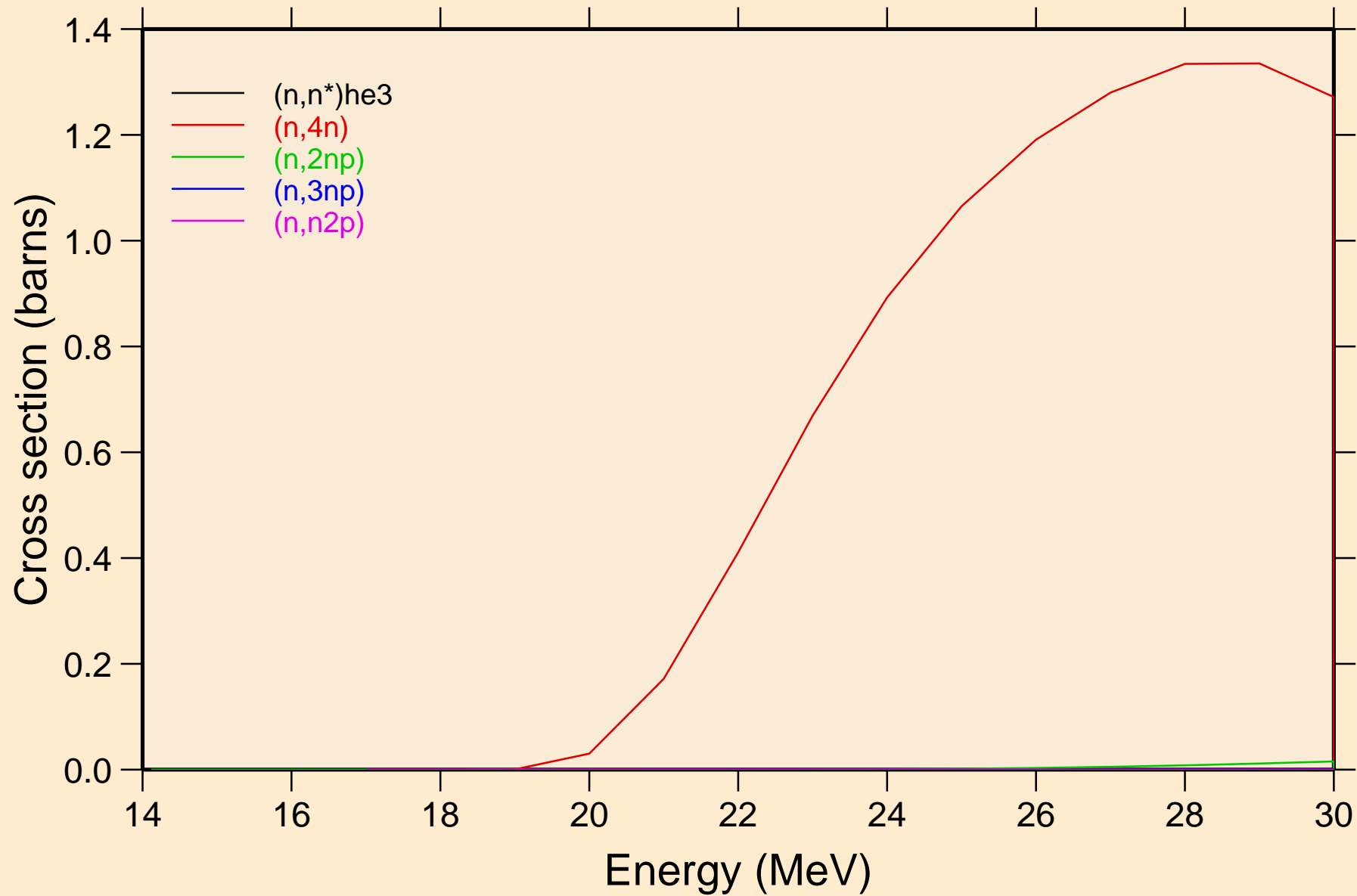


# YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

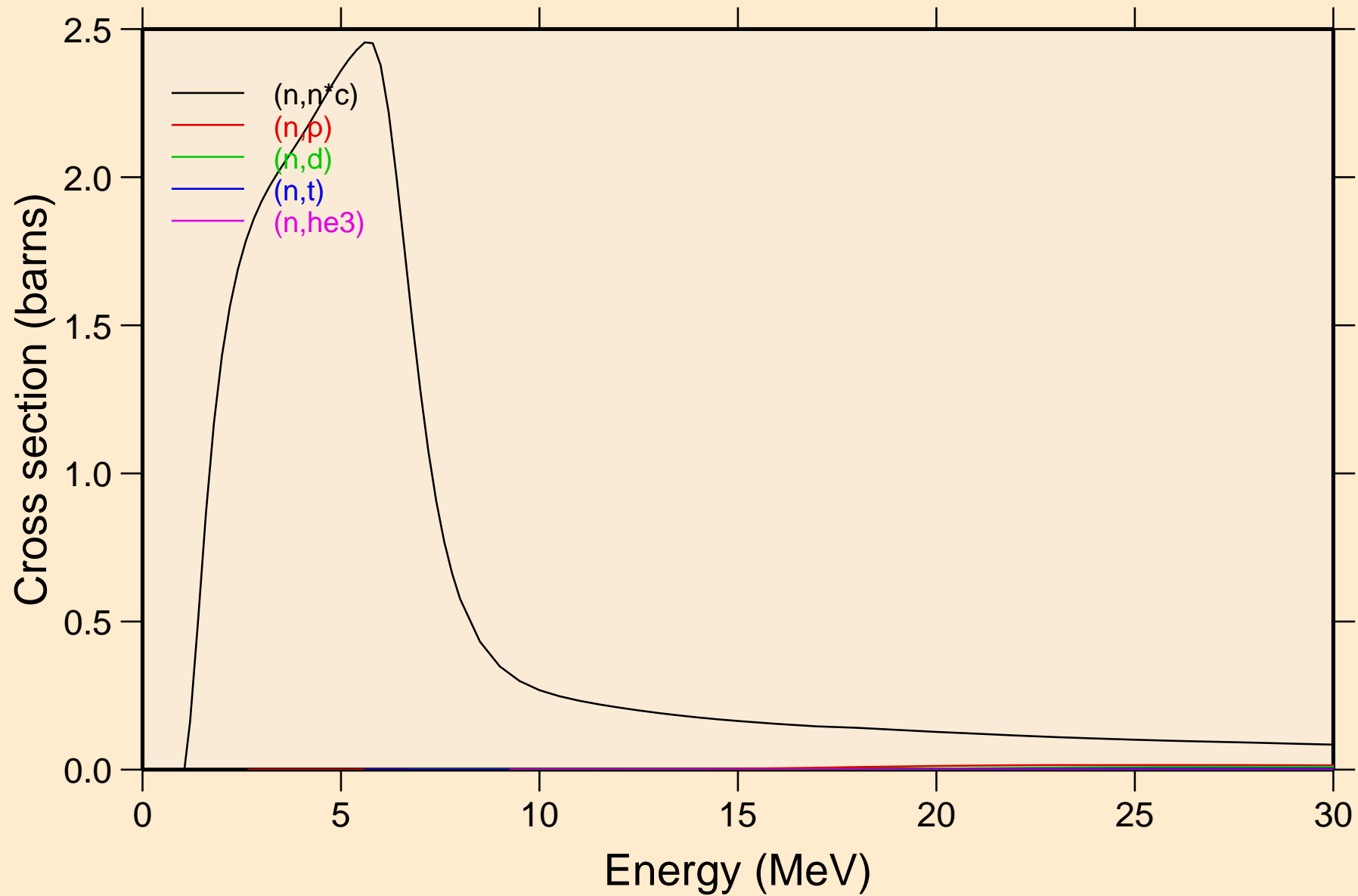
## Threshold reactions



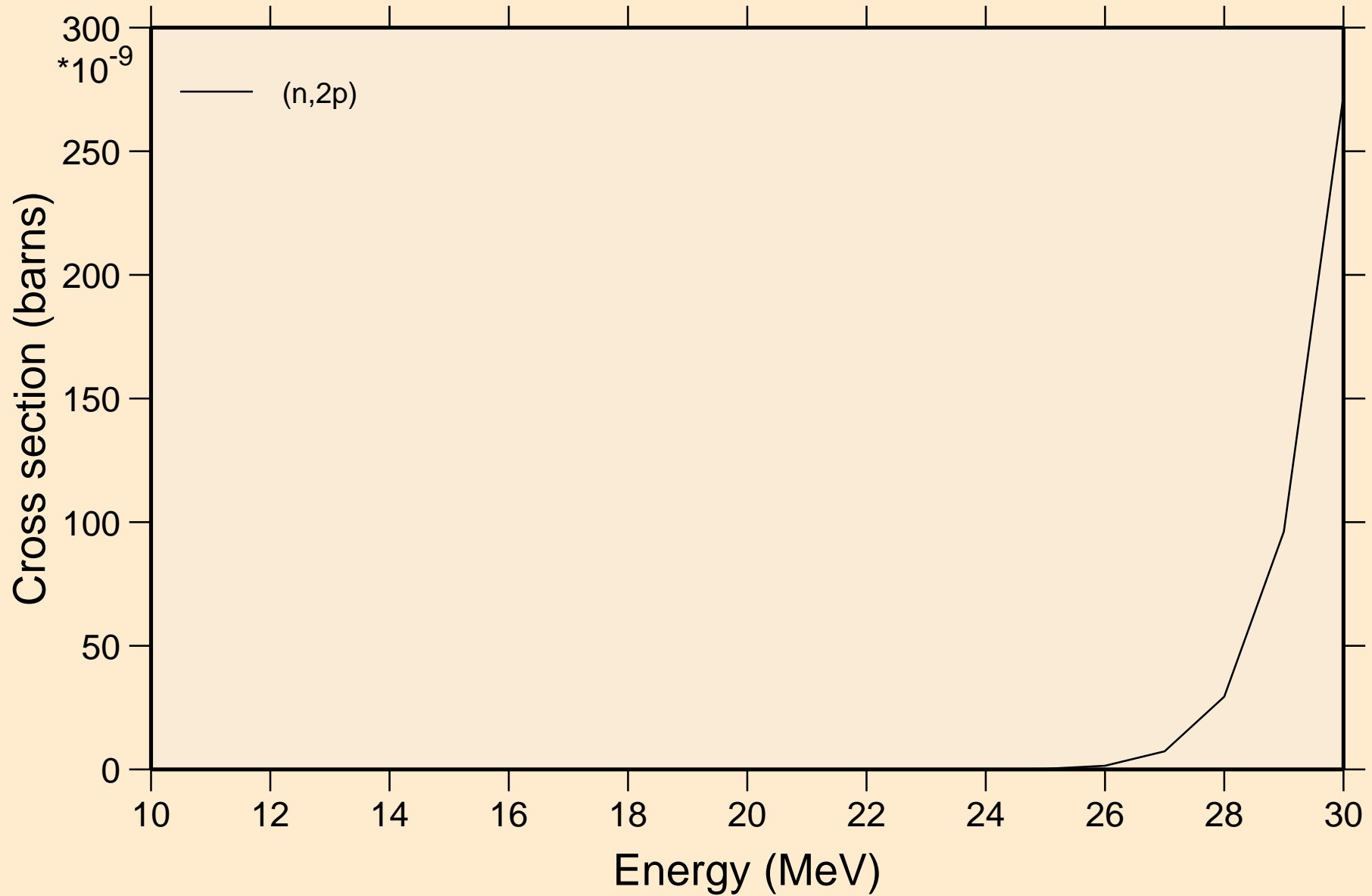
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

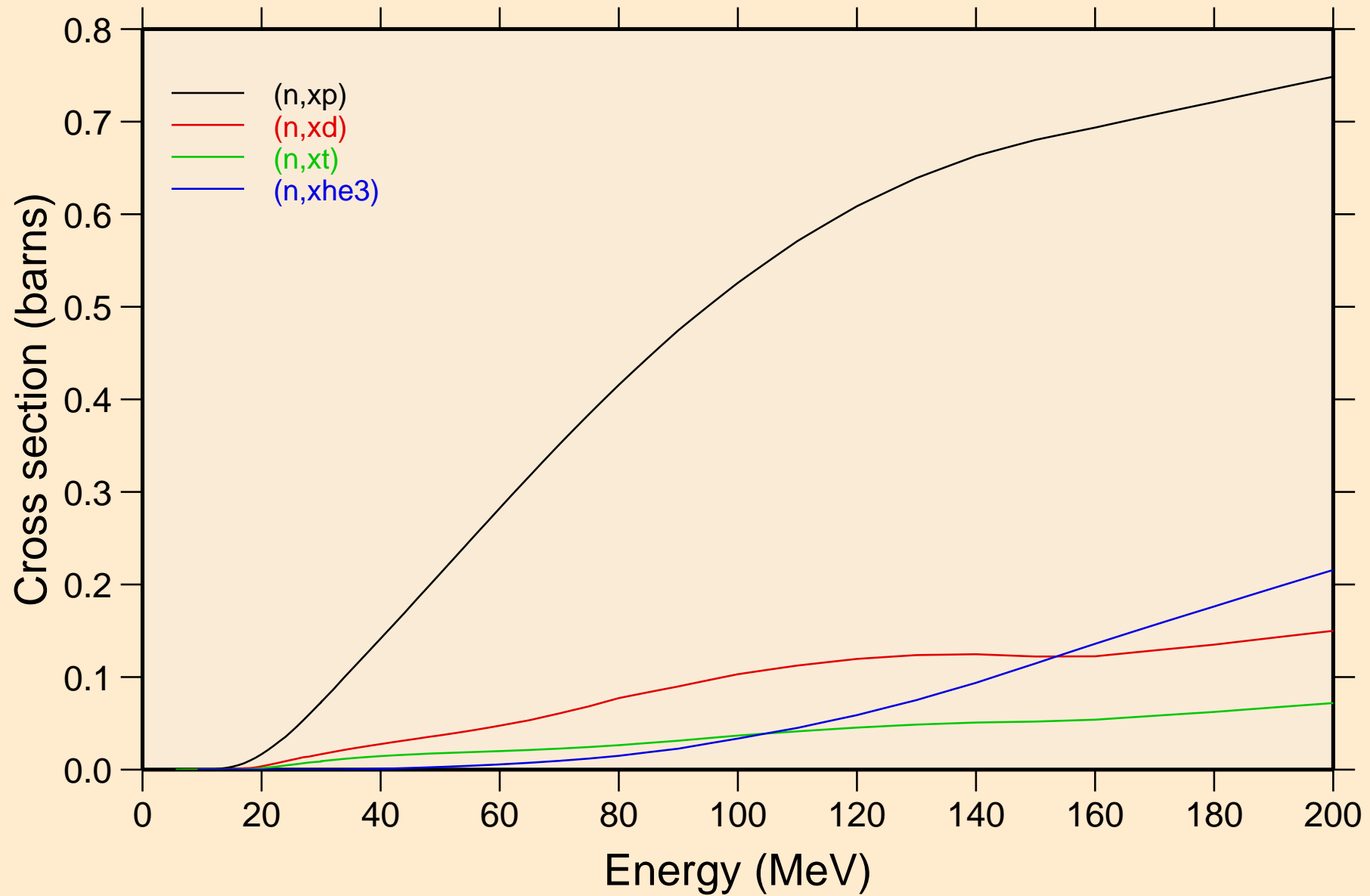


YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

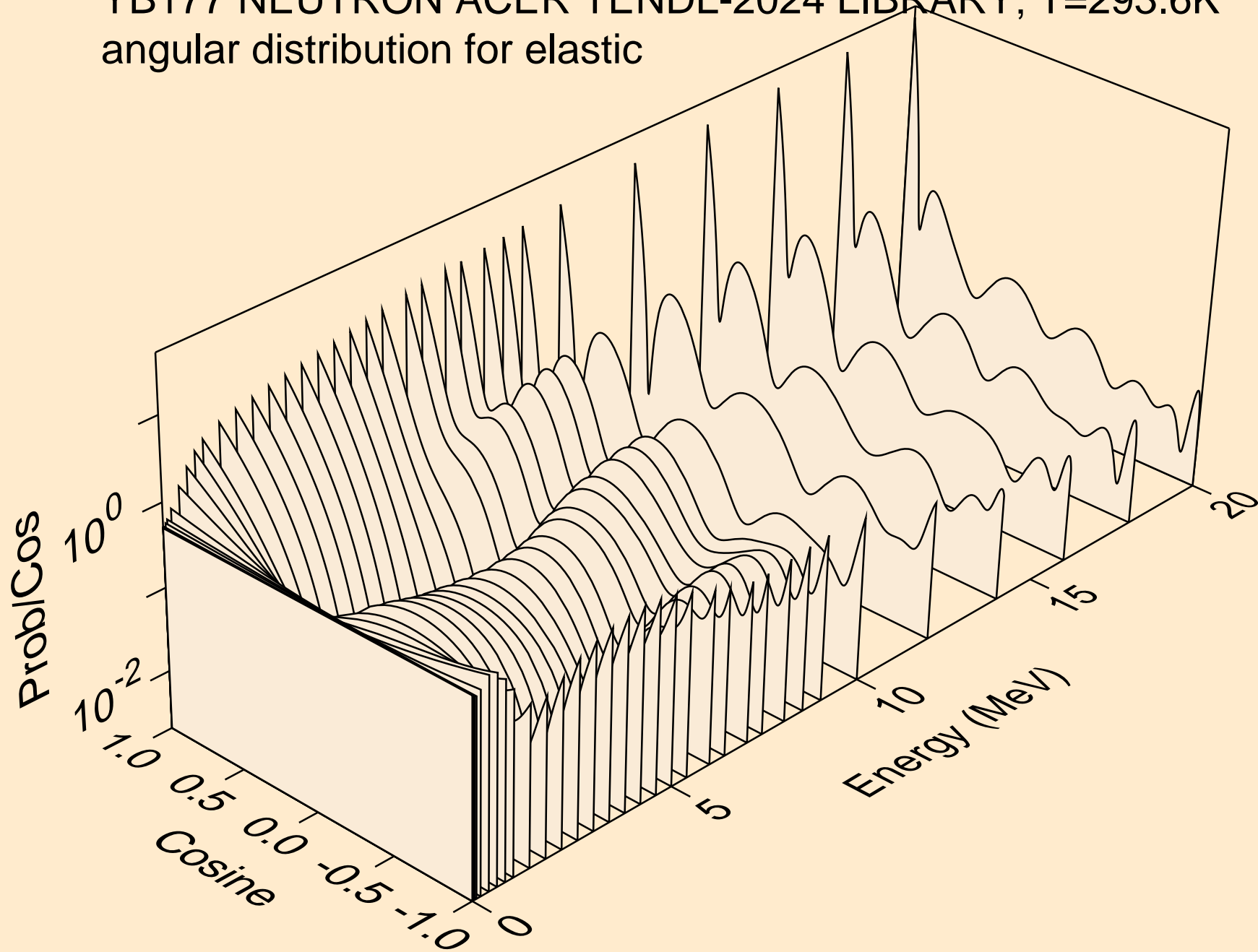


# YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

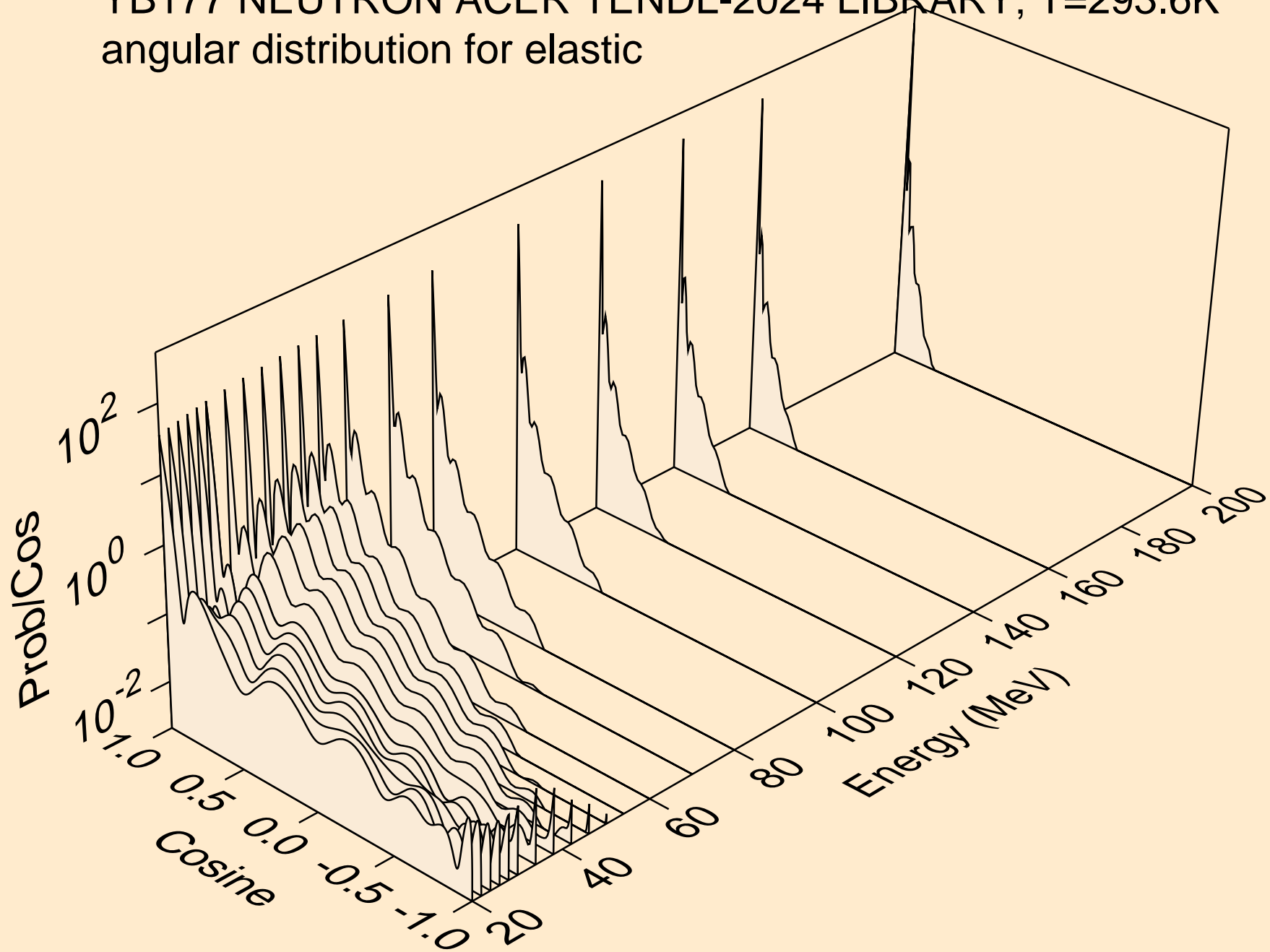
## Threshold reactions



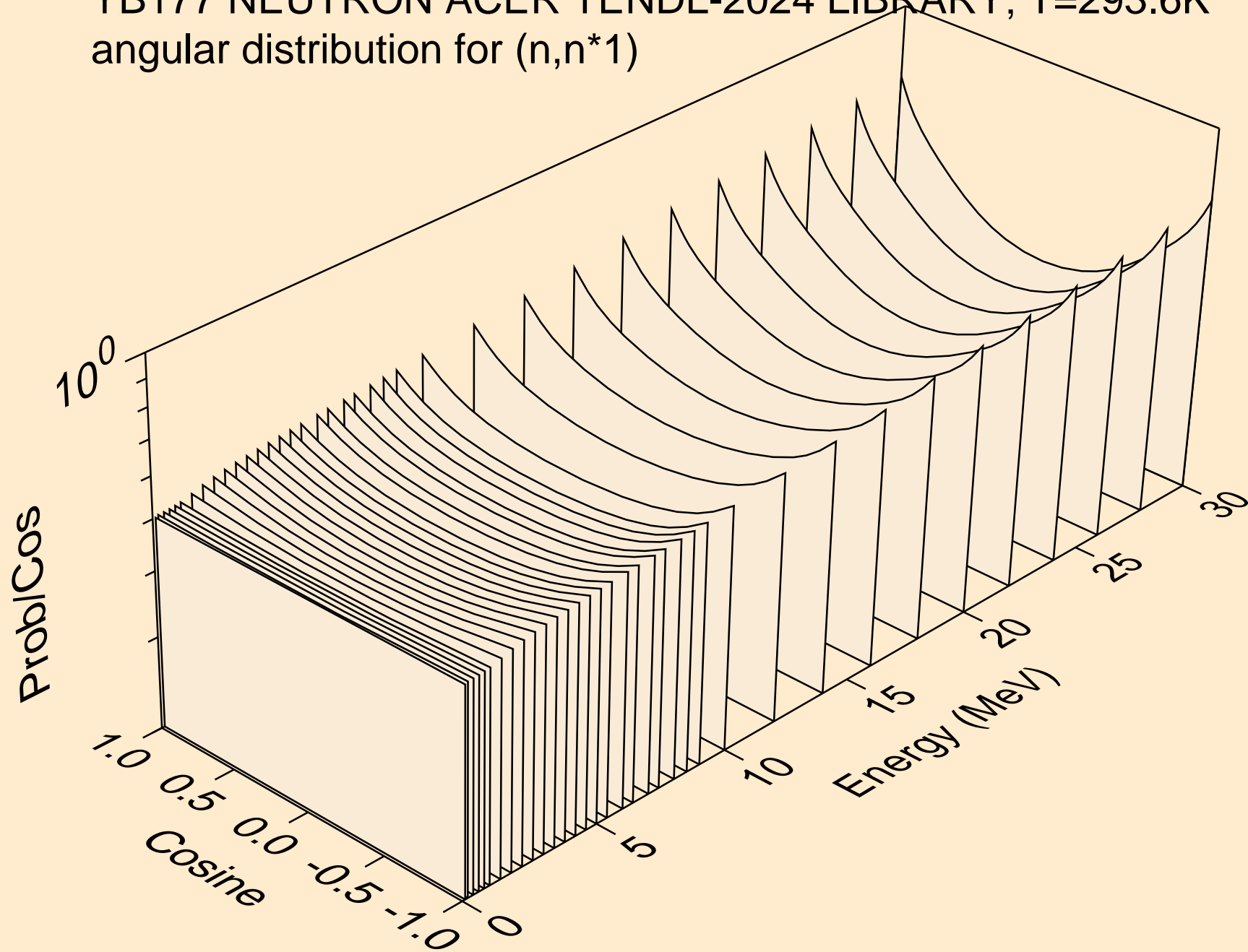
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



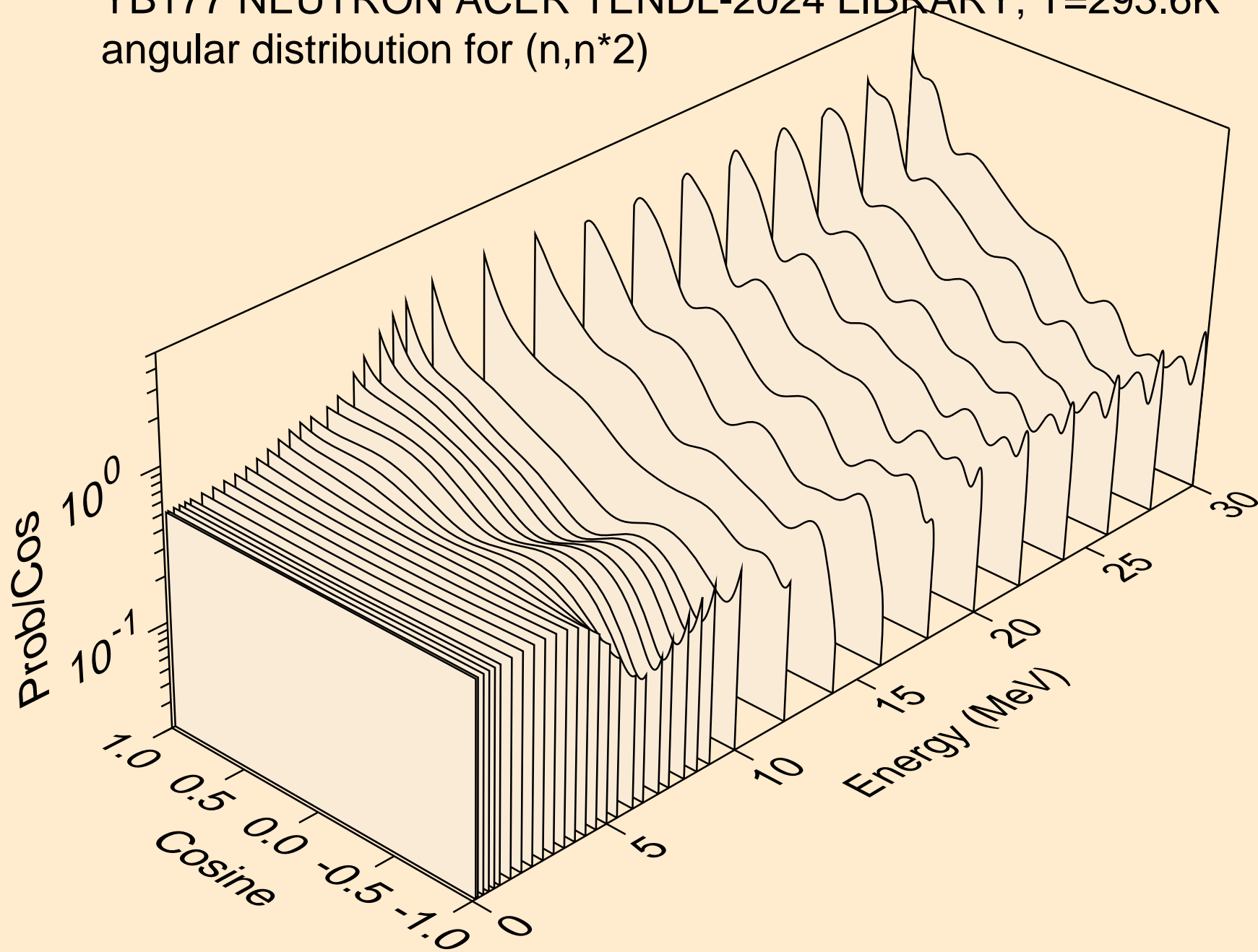
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



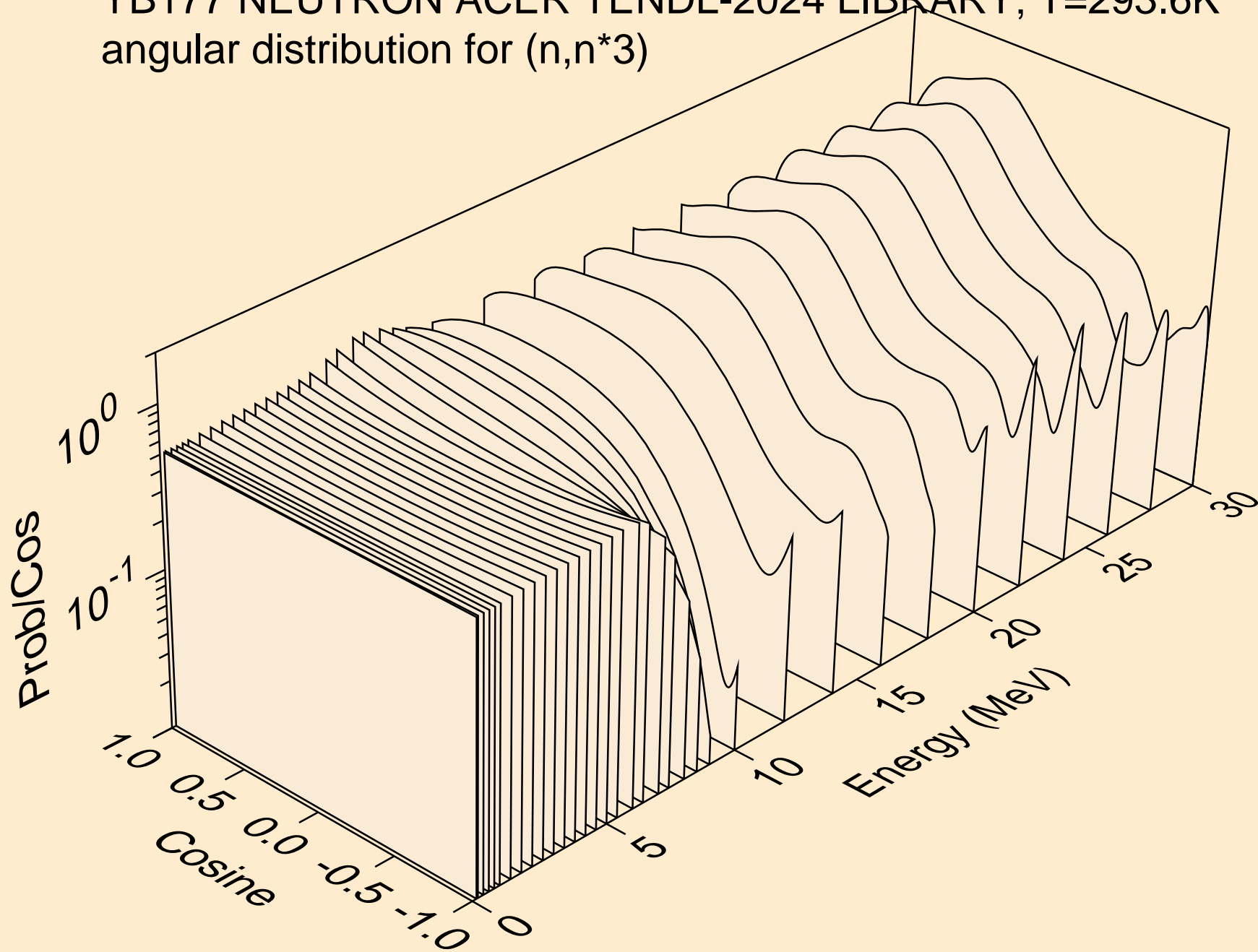
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



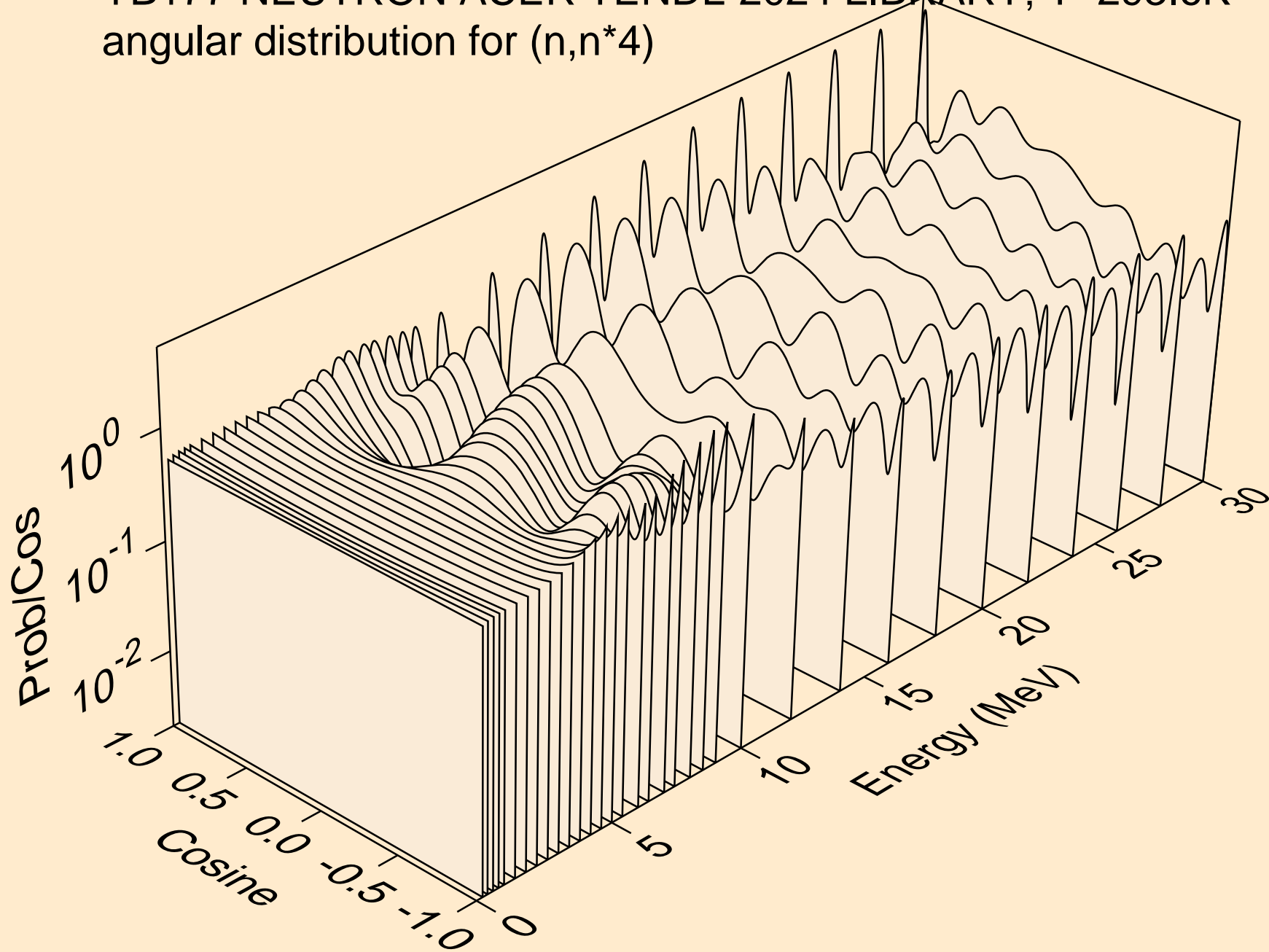
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



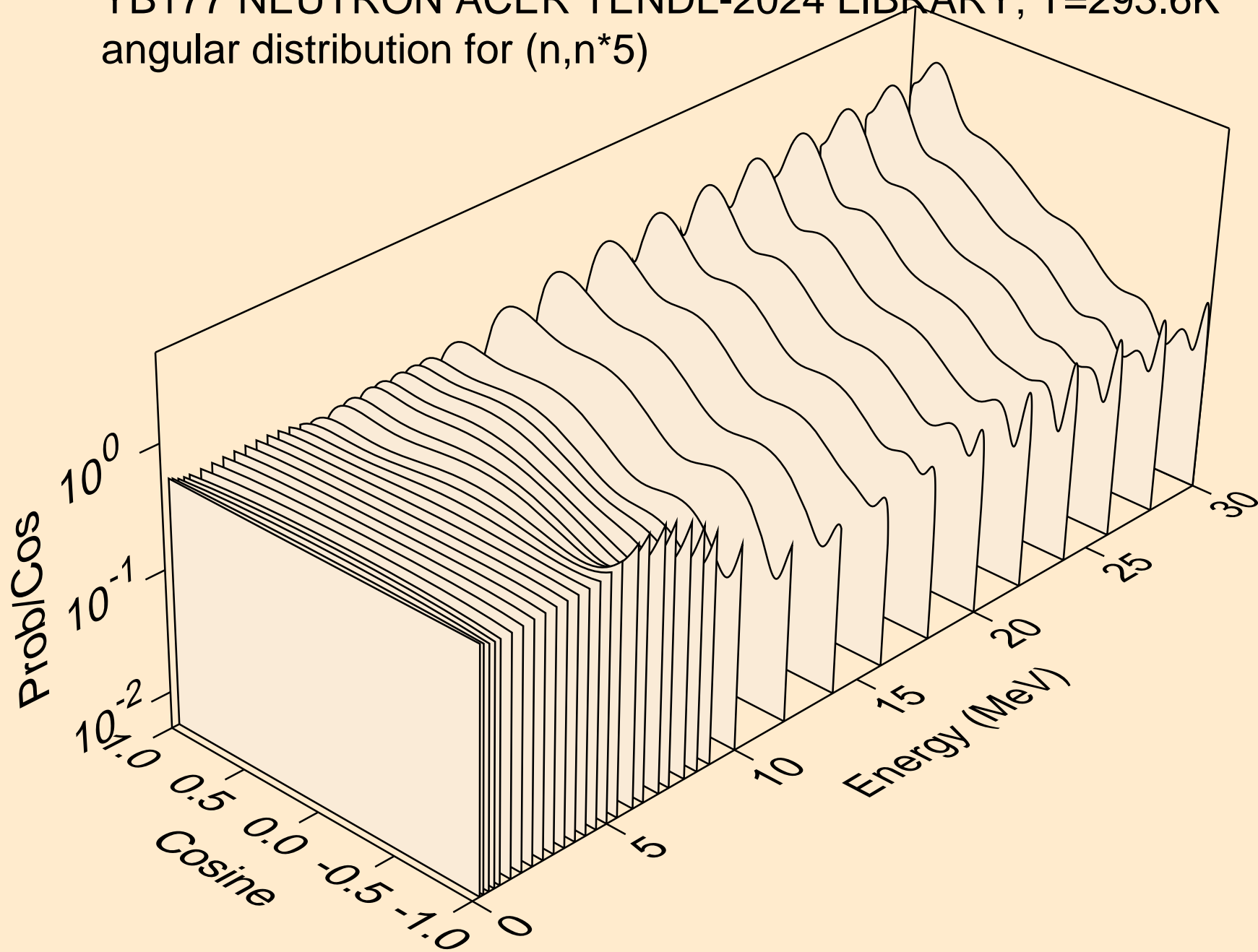
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



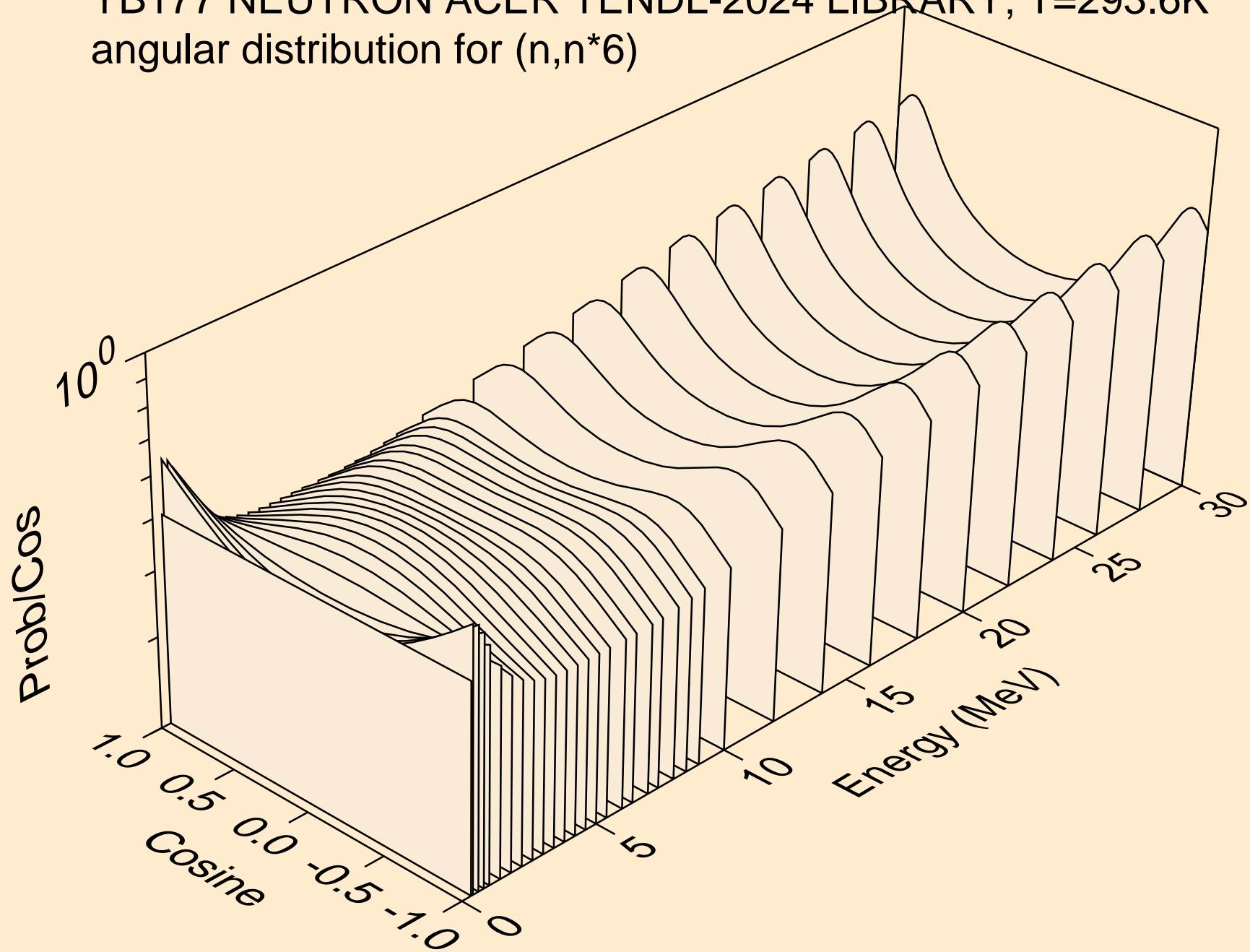
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



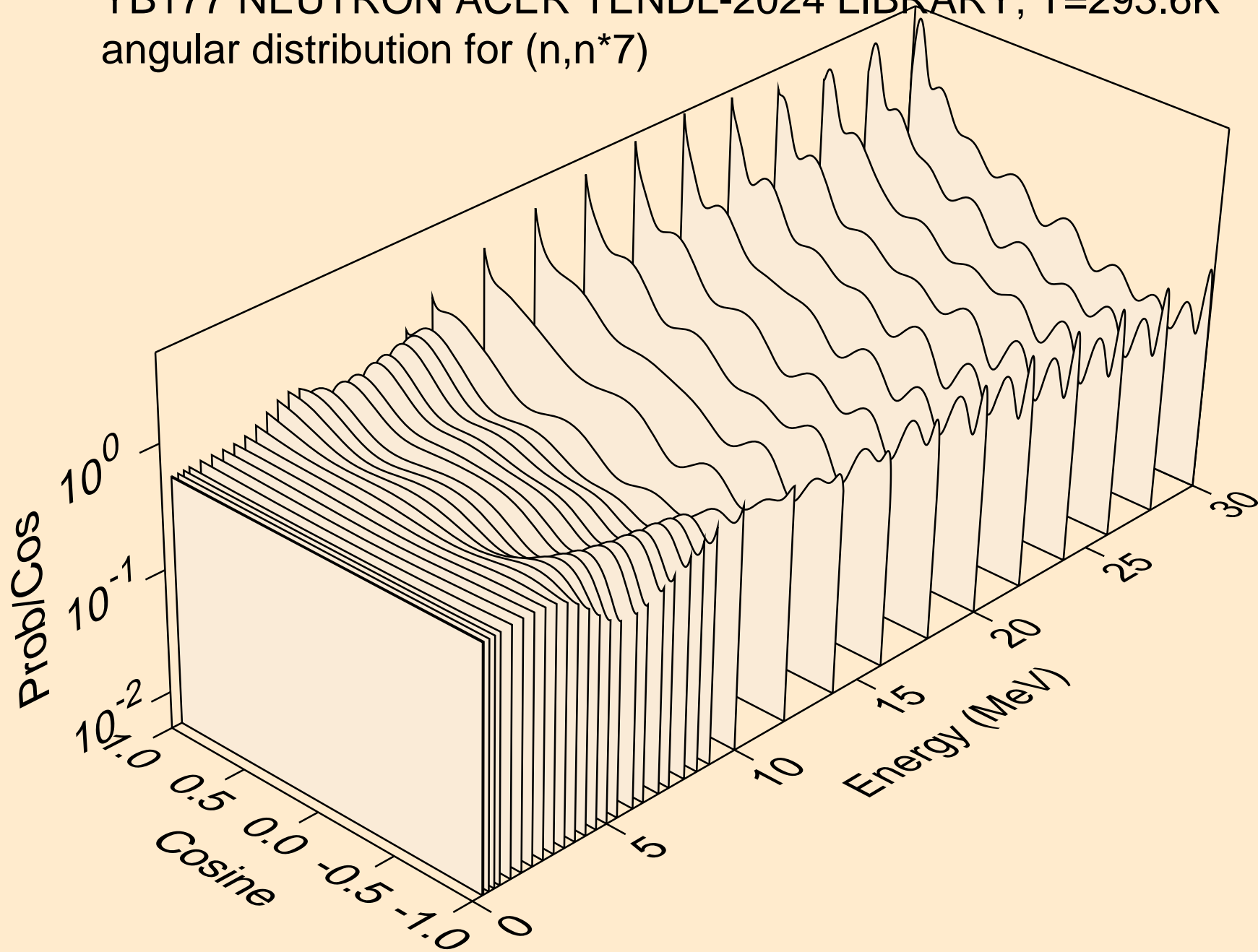
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



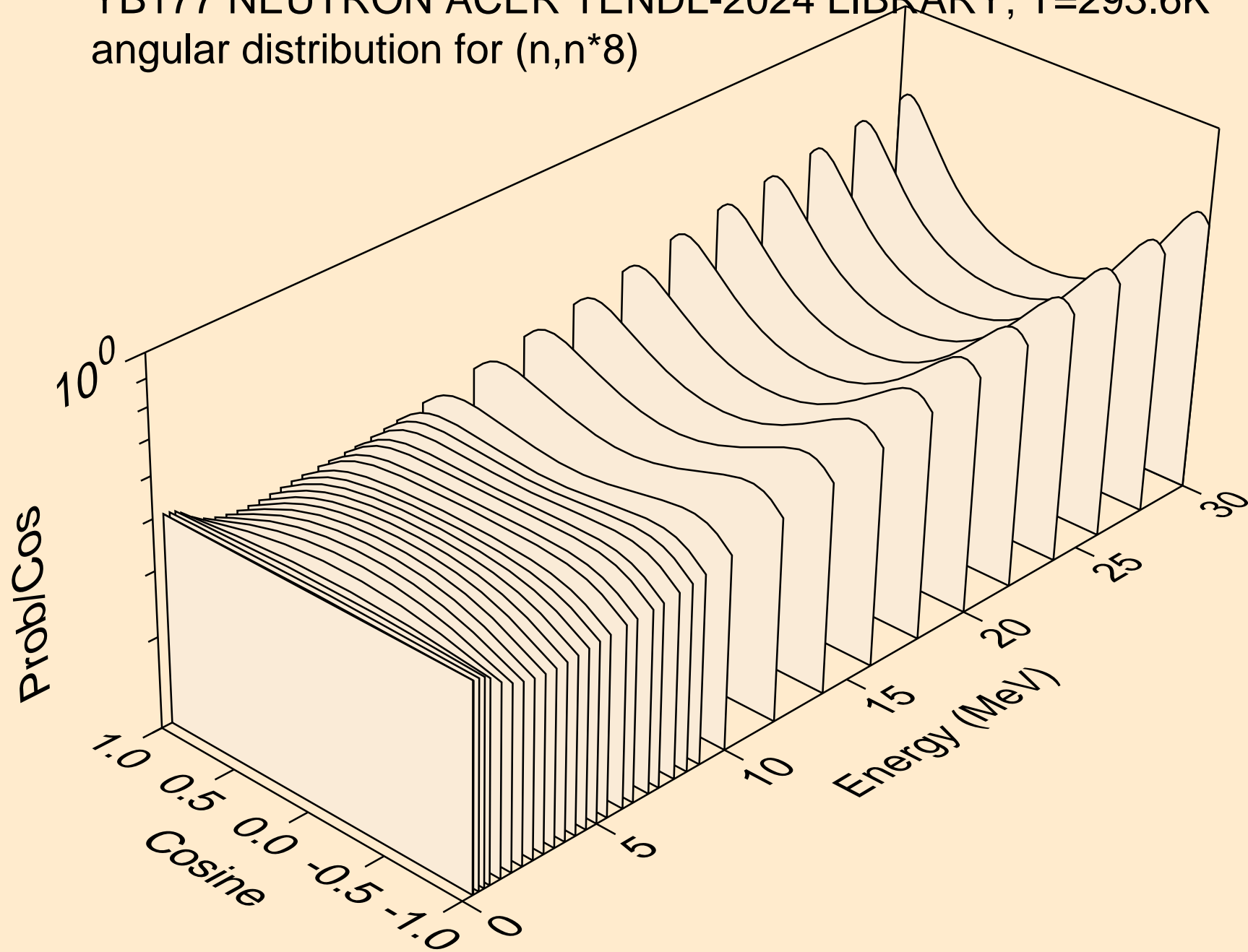
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



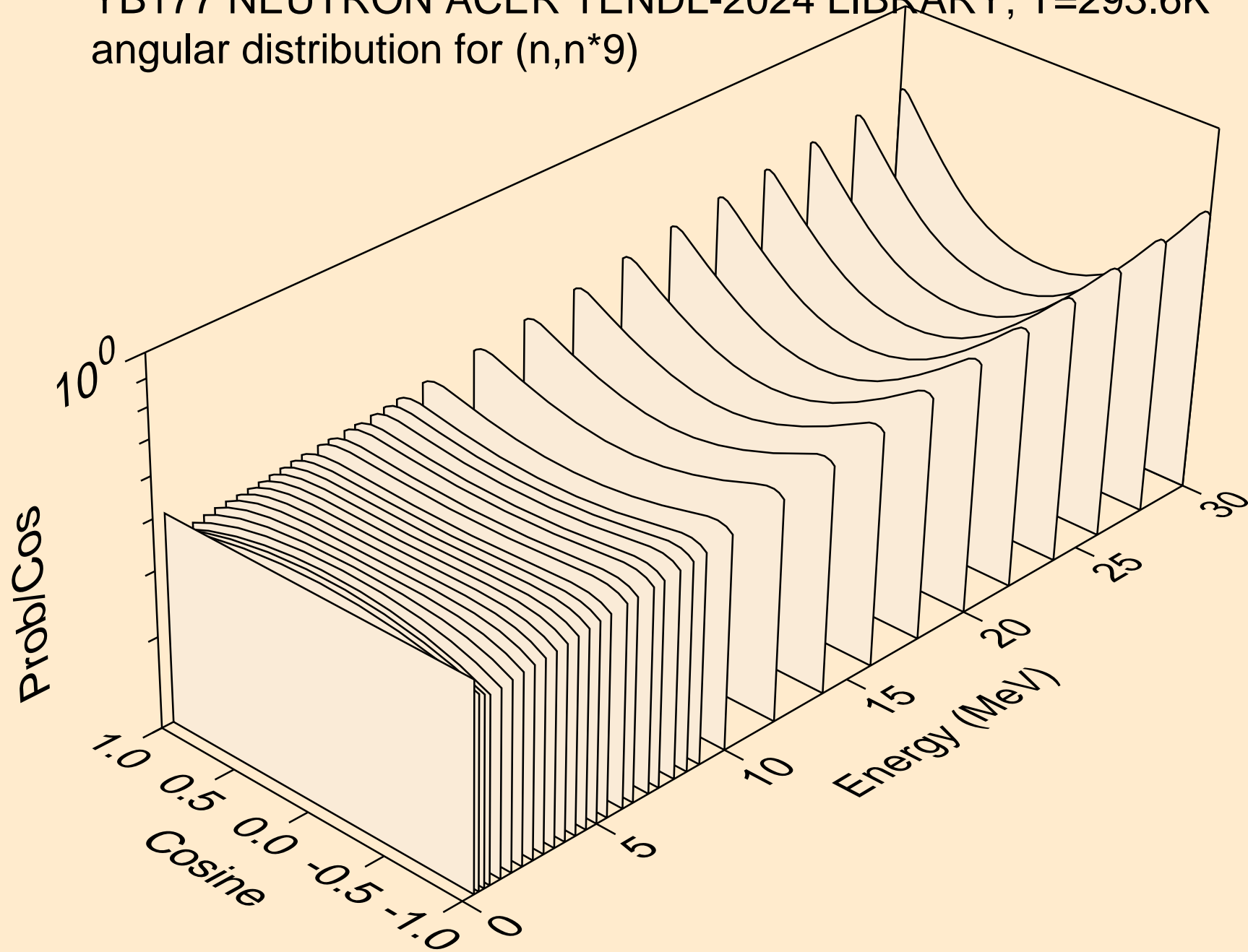
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



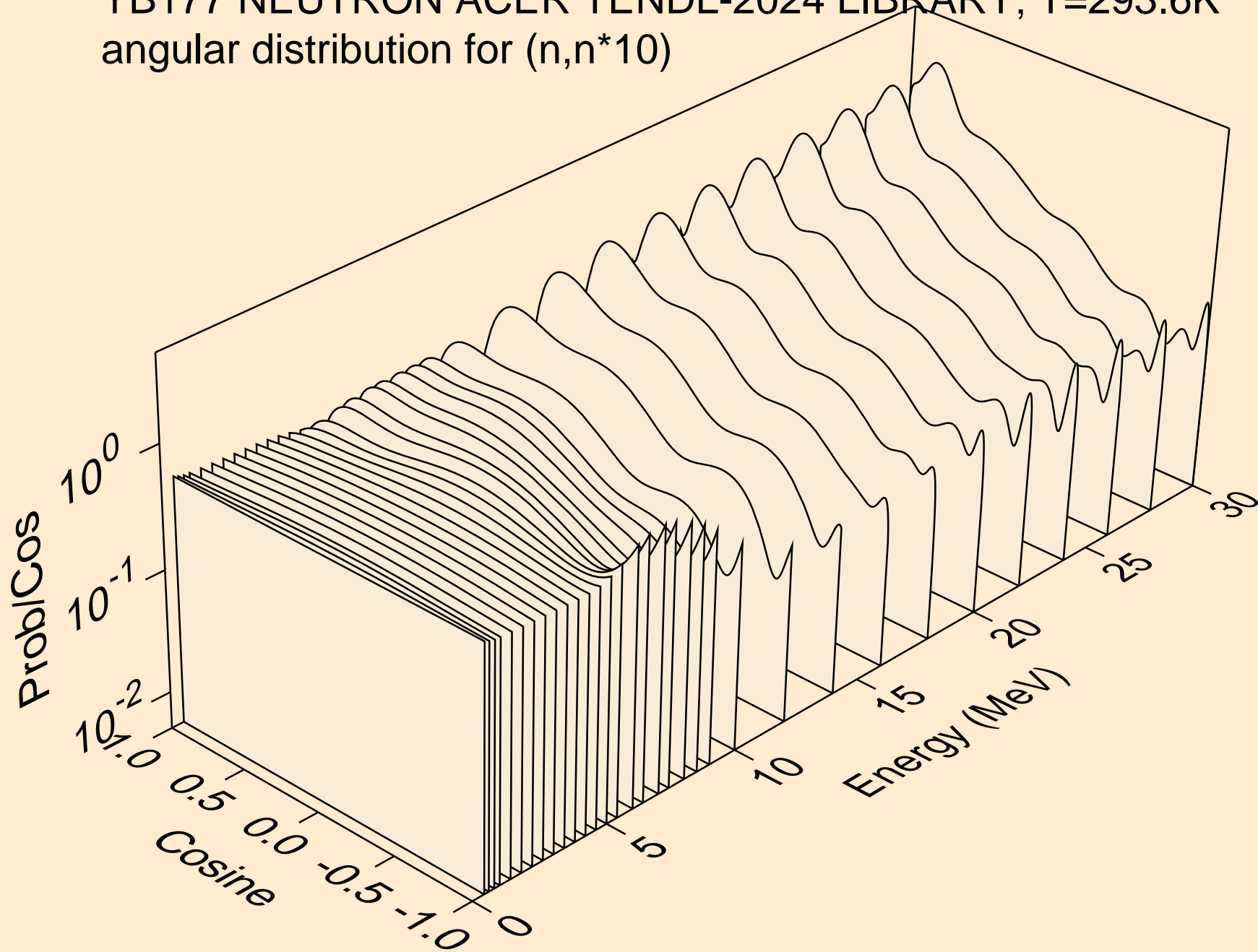
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



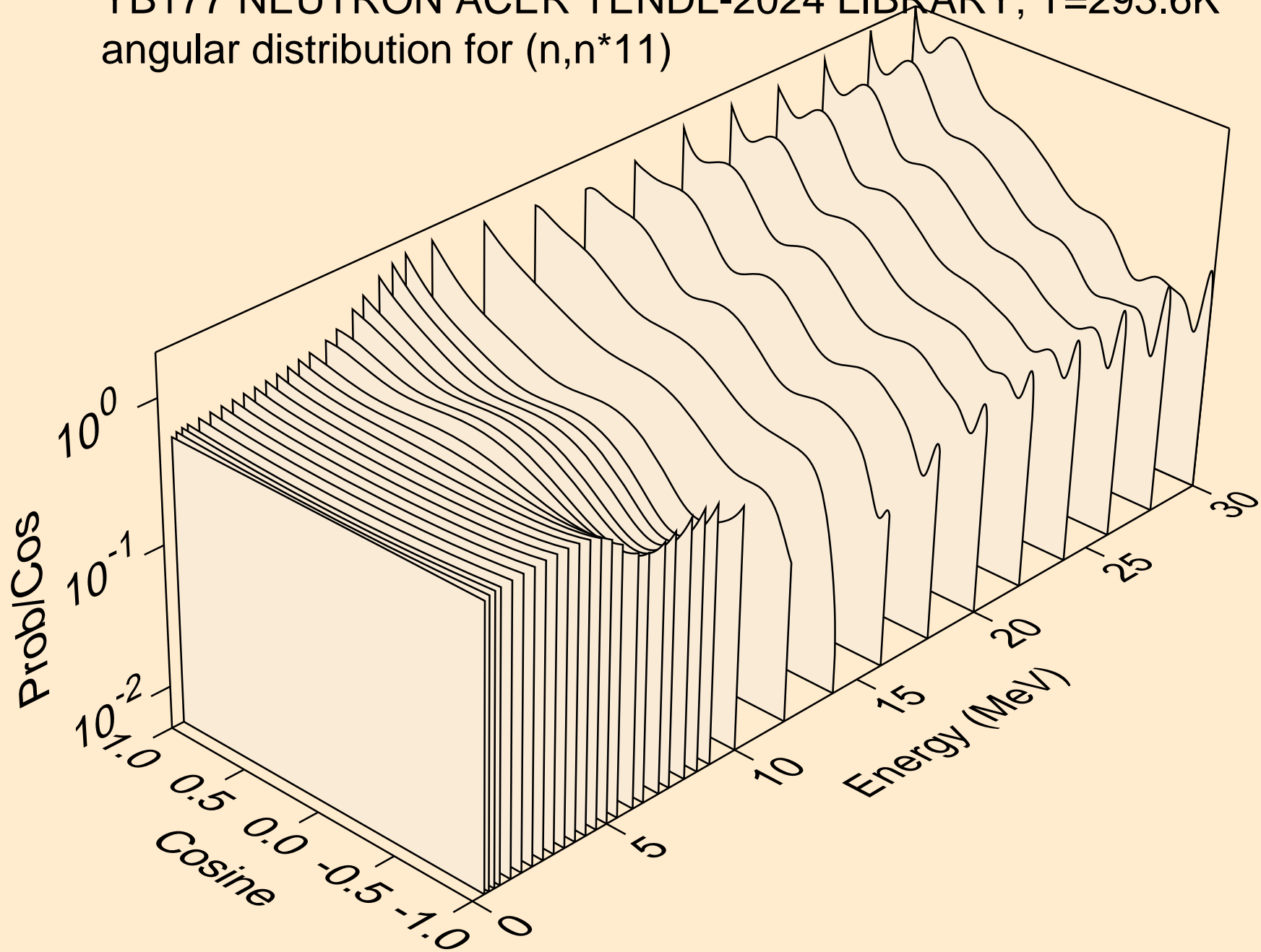
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



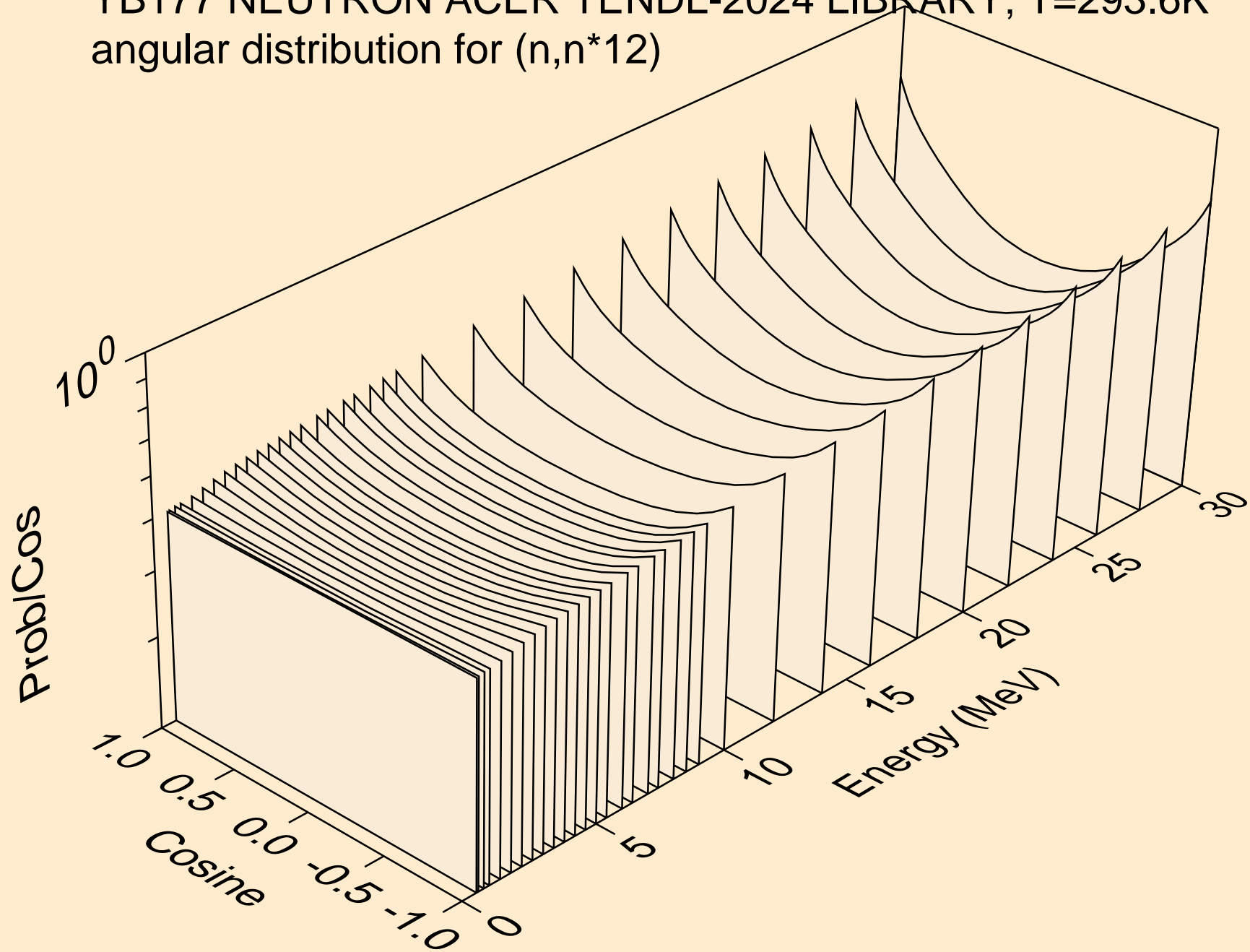
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



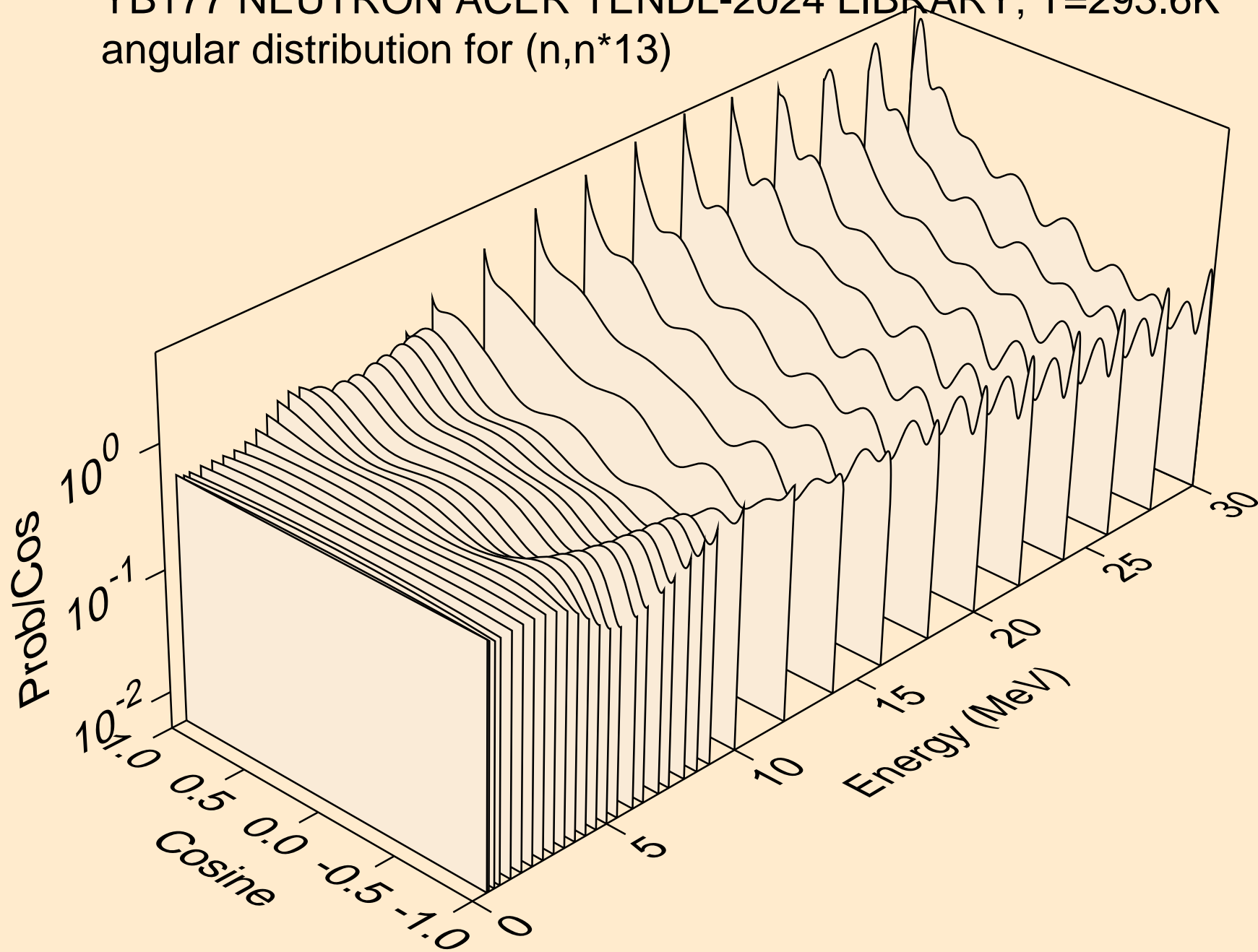
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



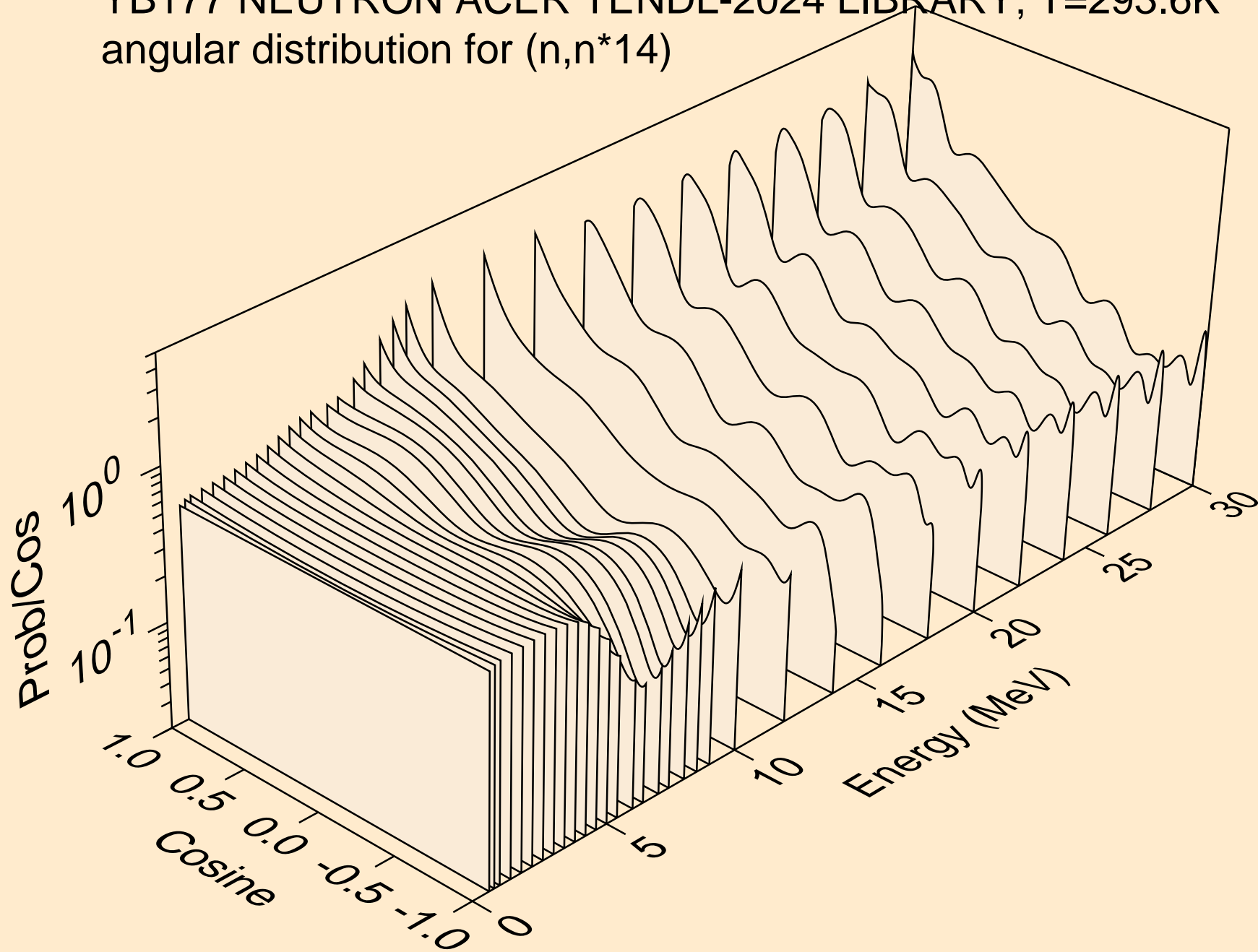
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



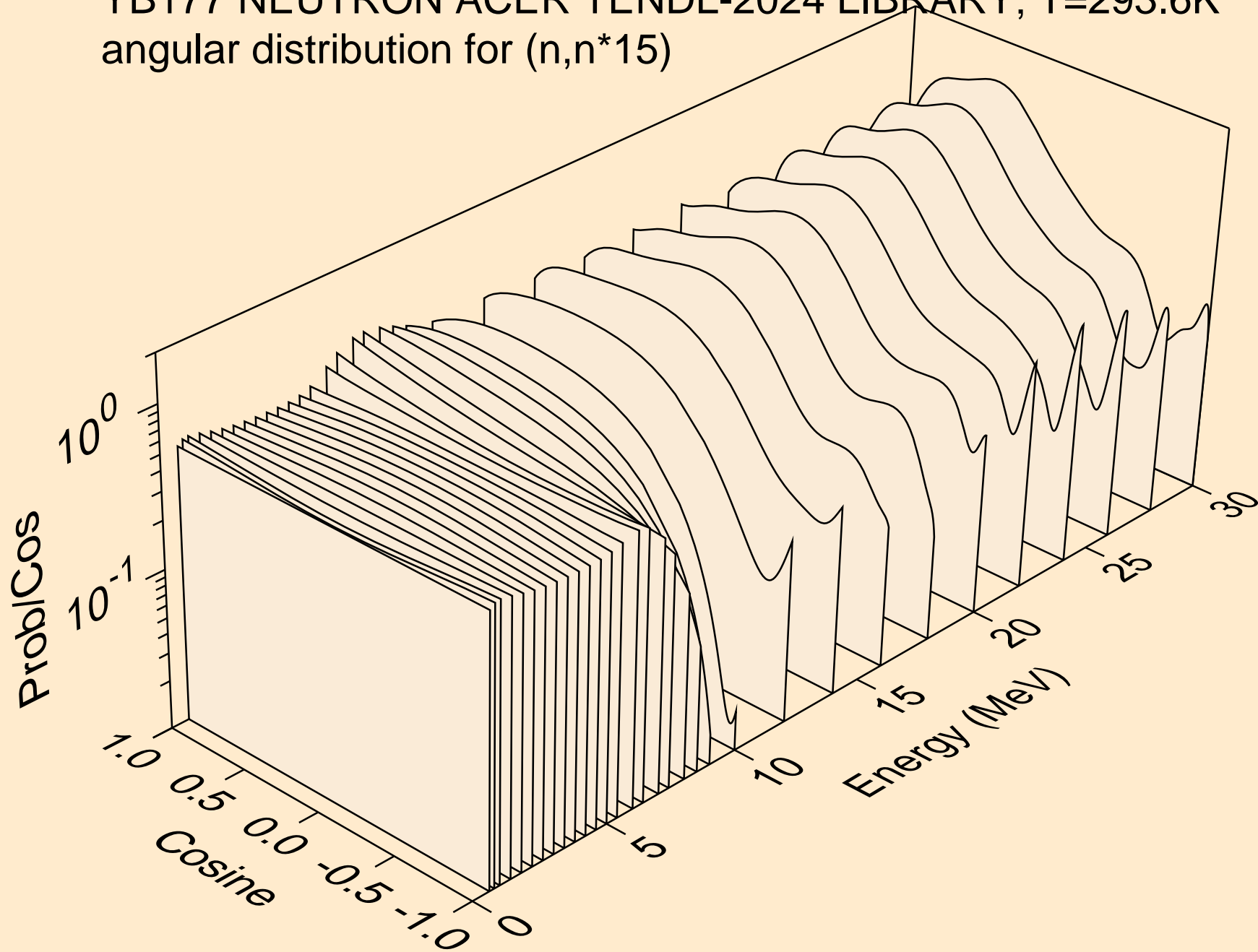
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



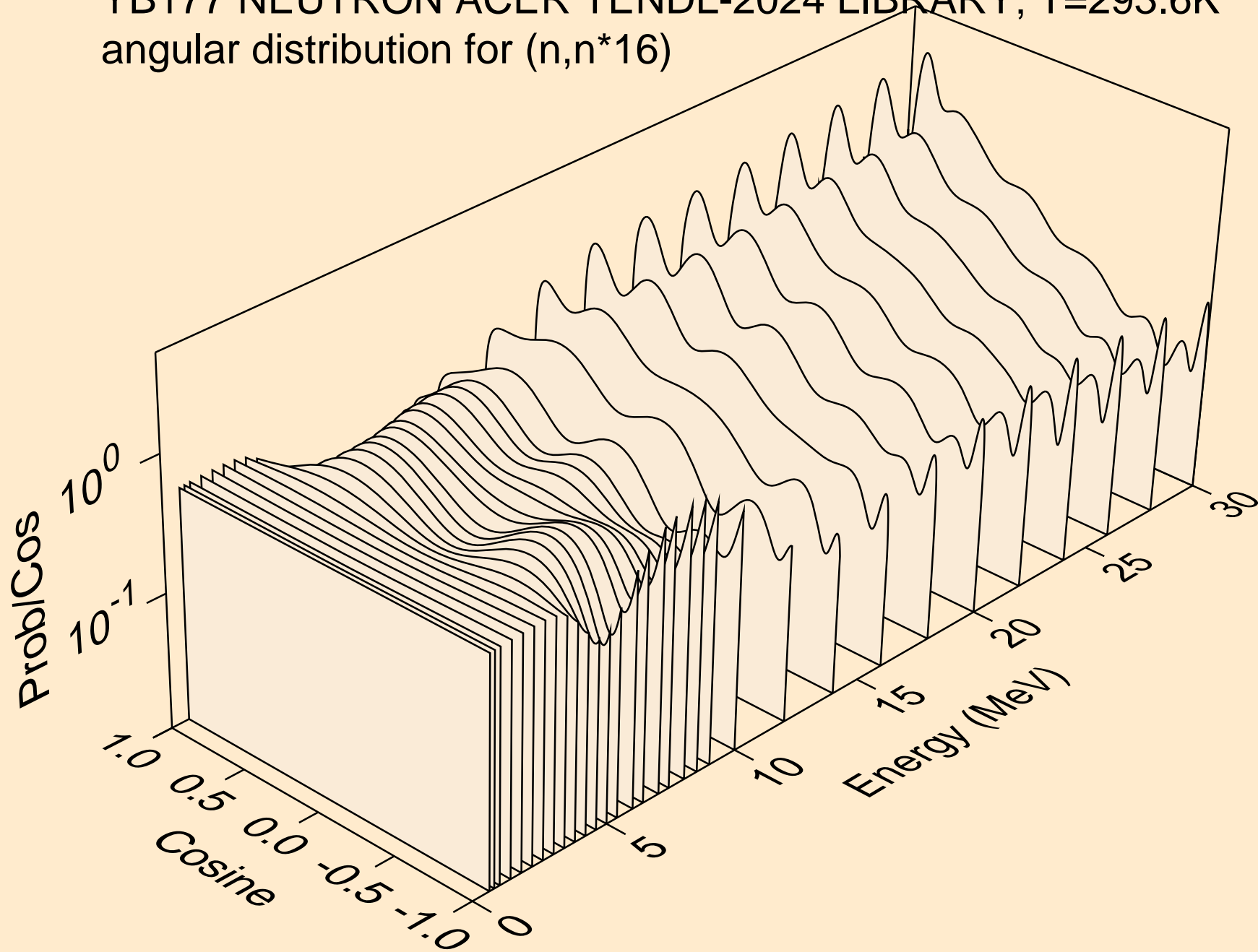
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



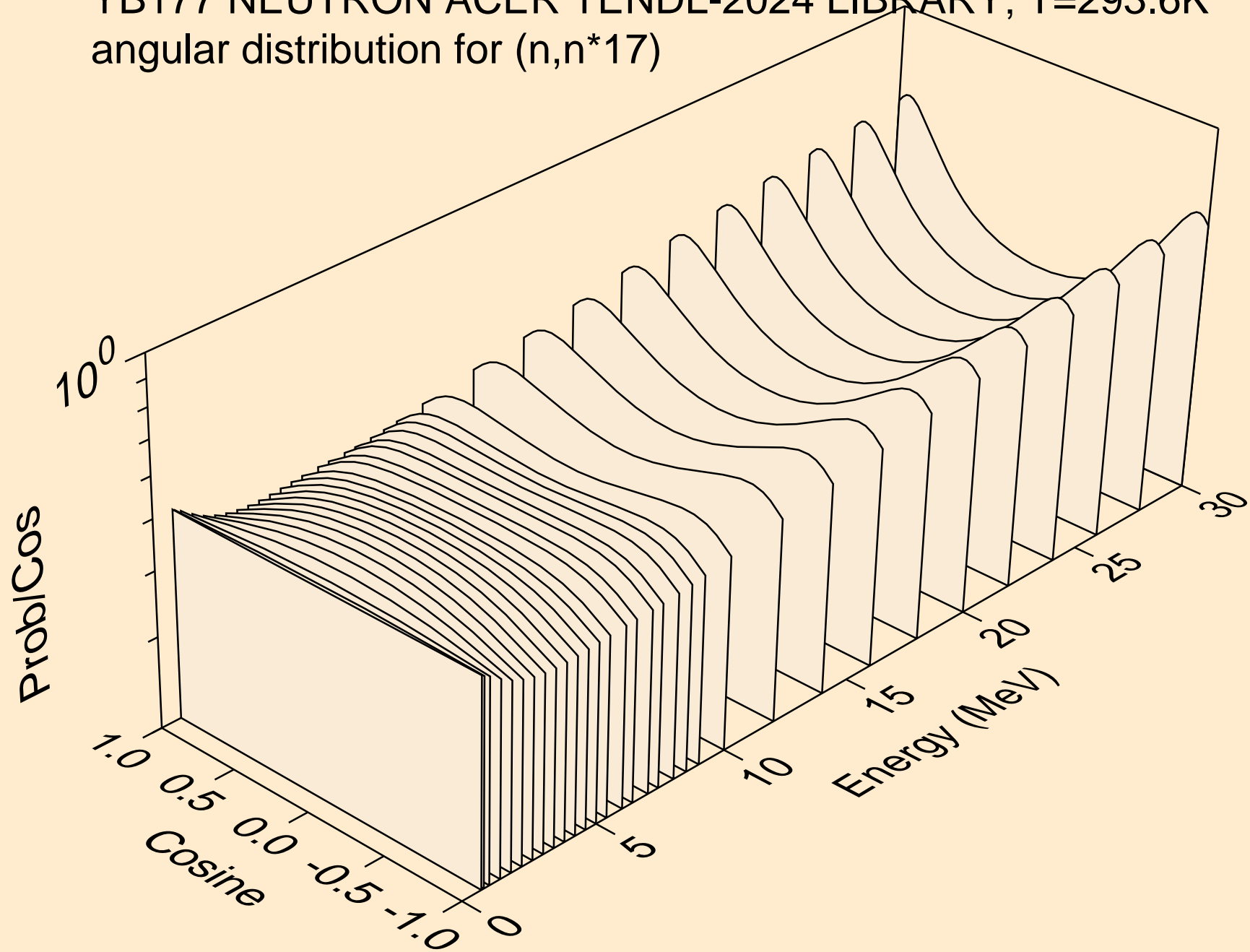
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



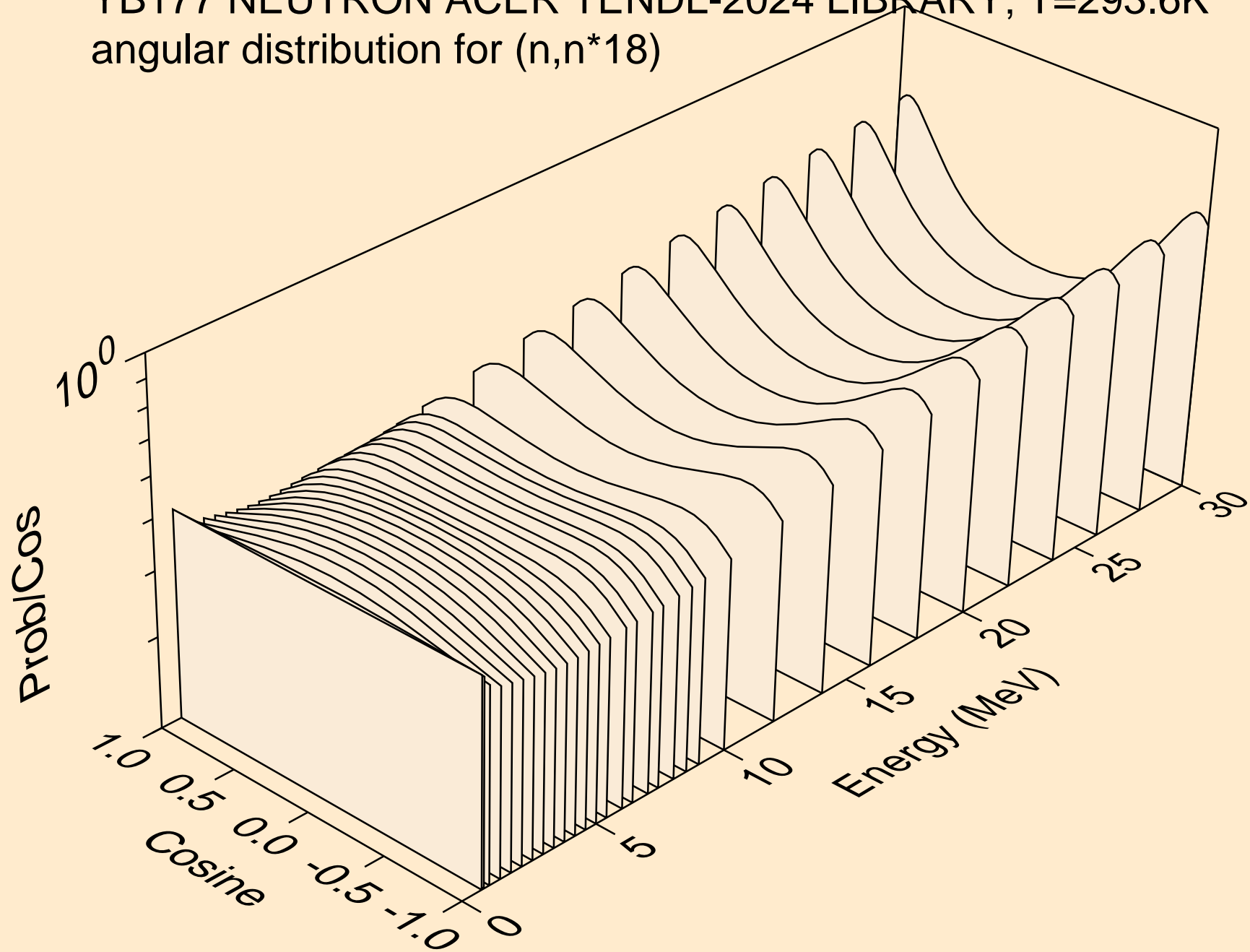
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



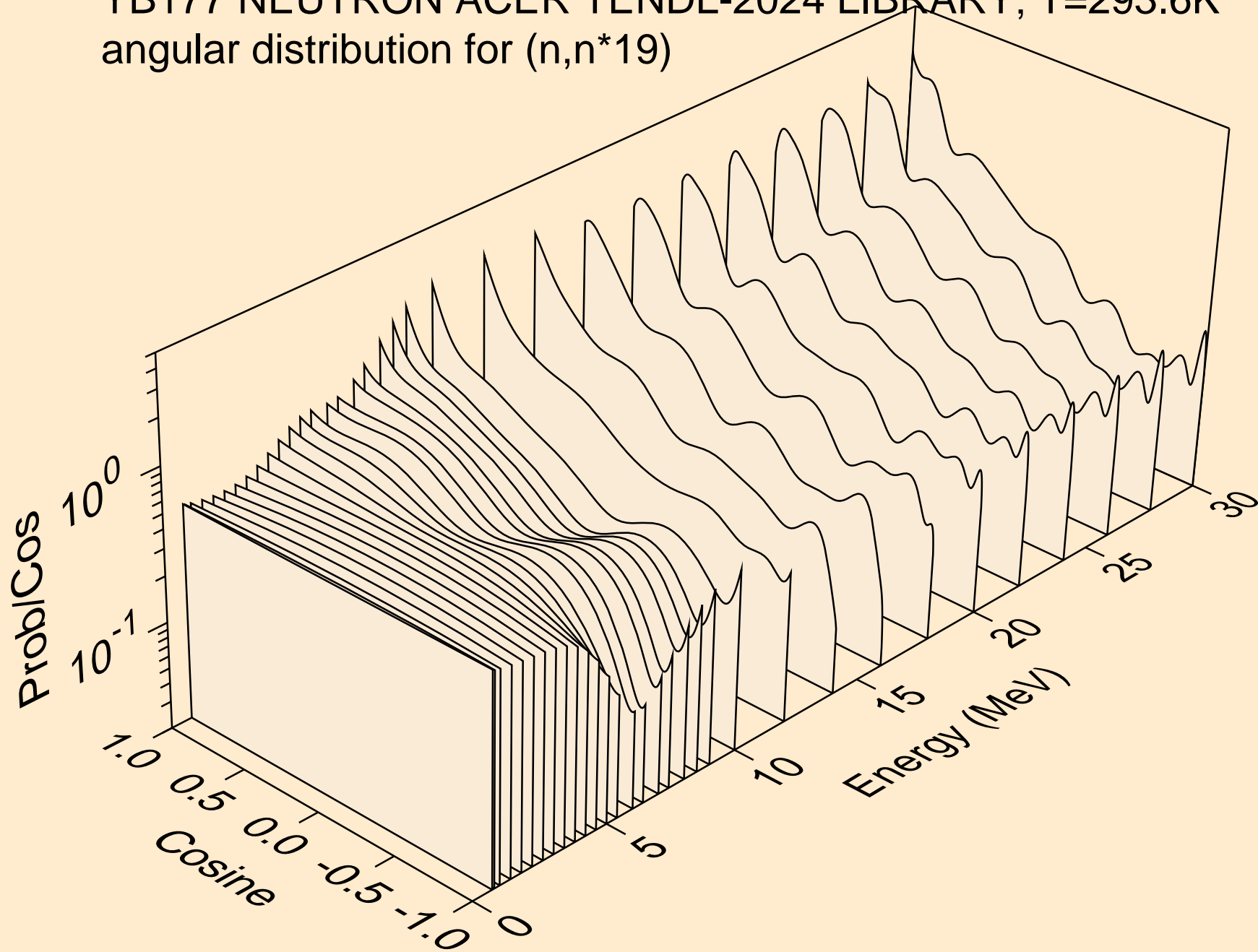
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



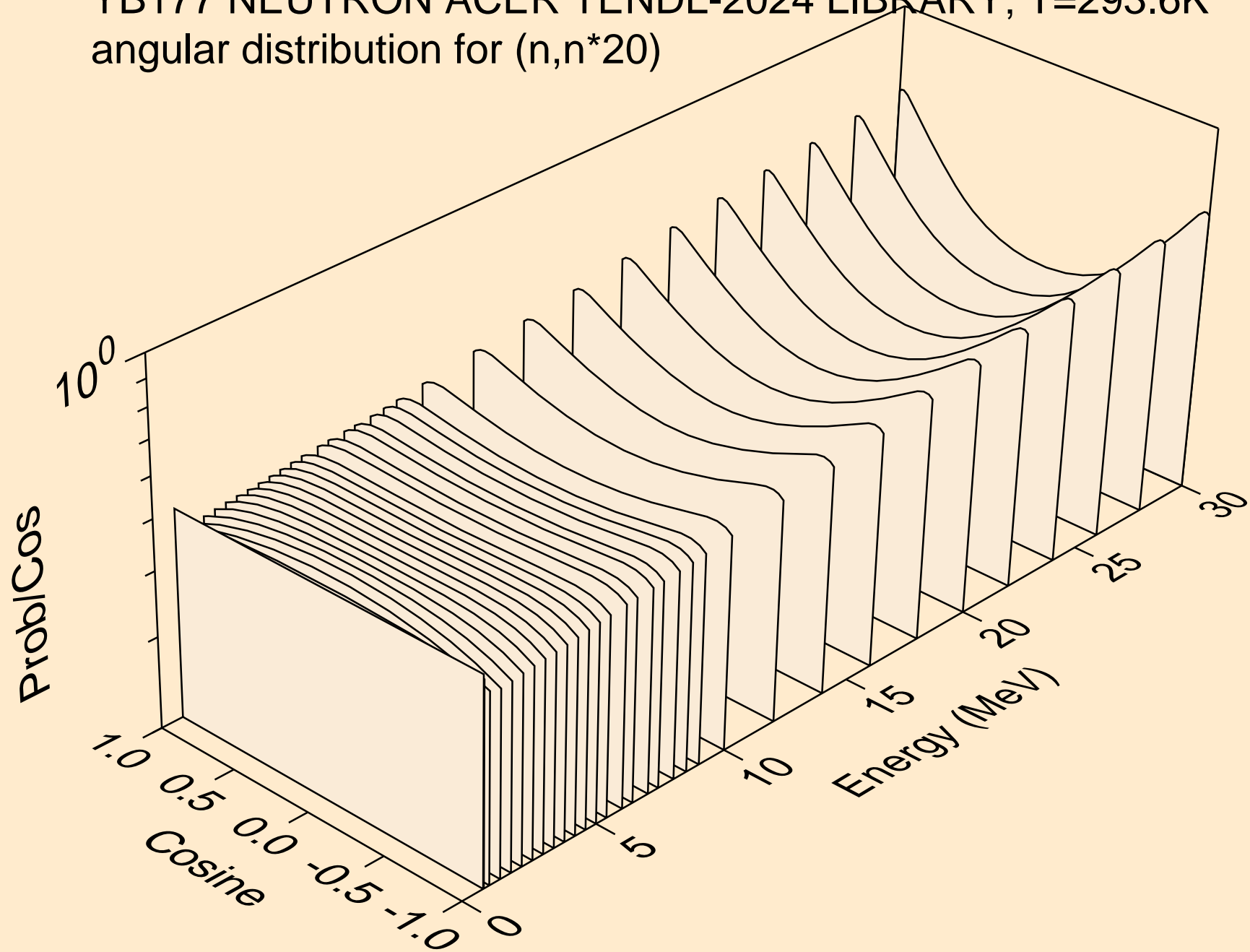
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



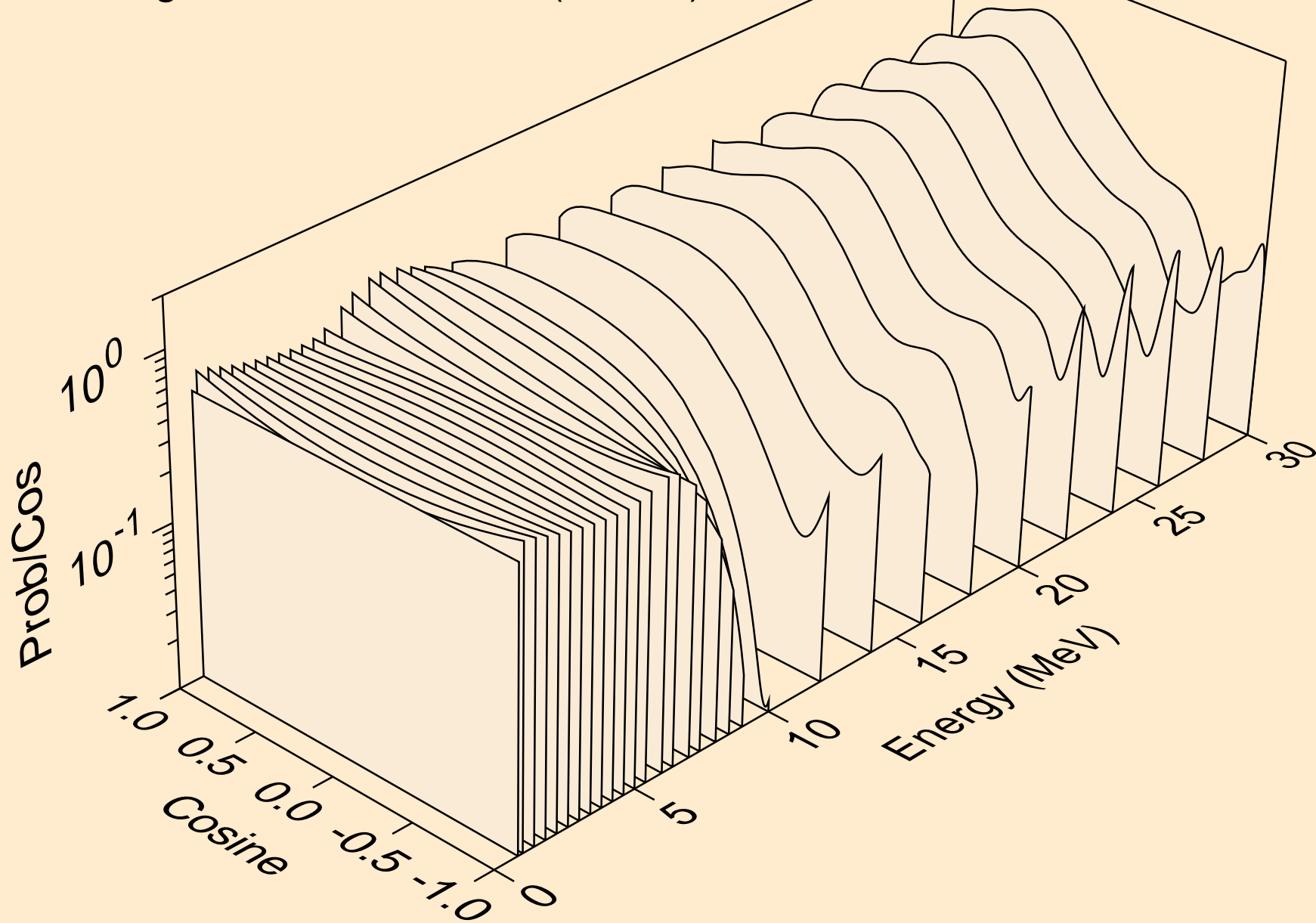
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



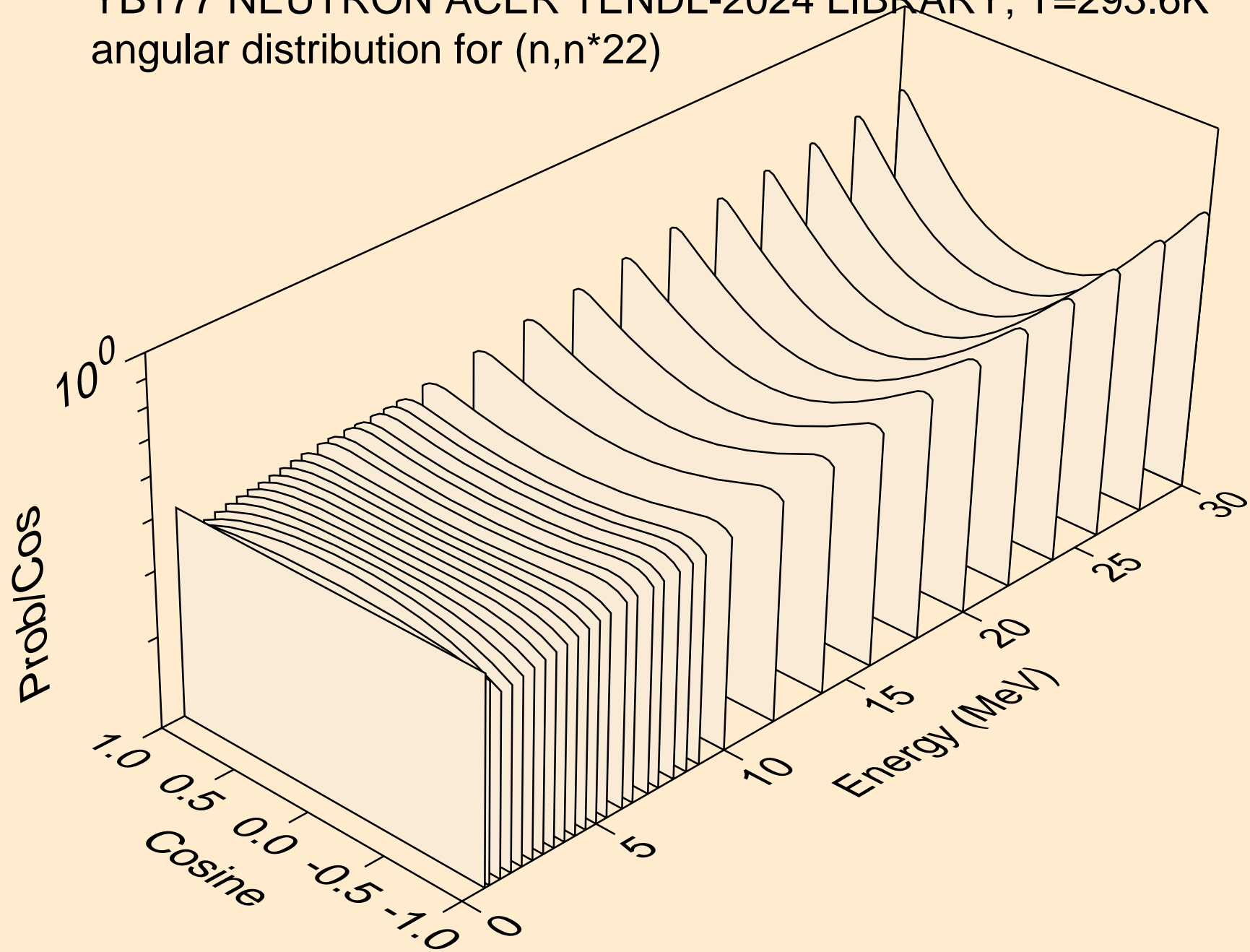
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



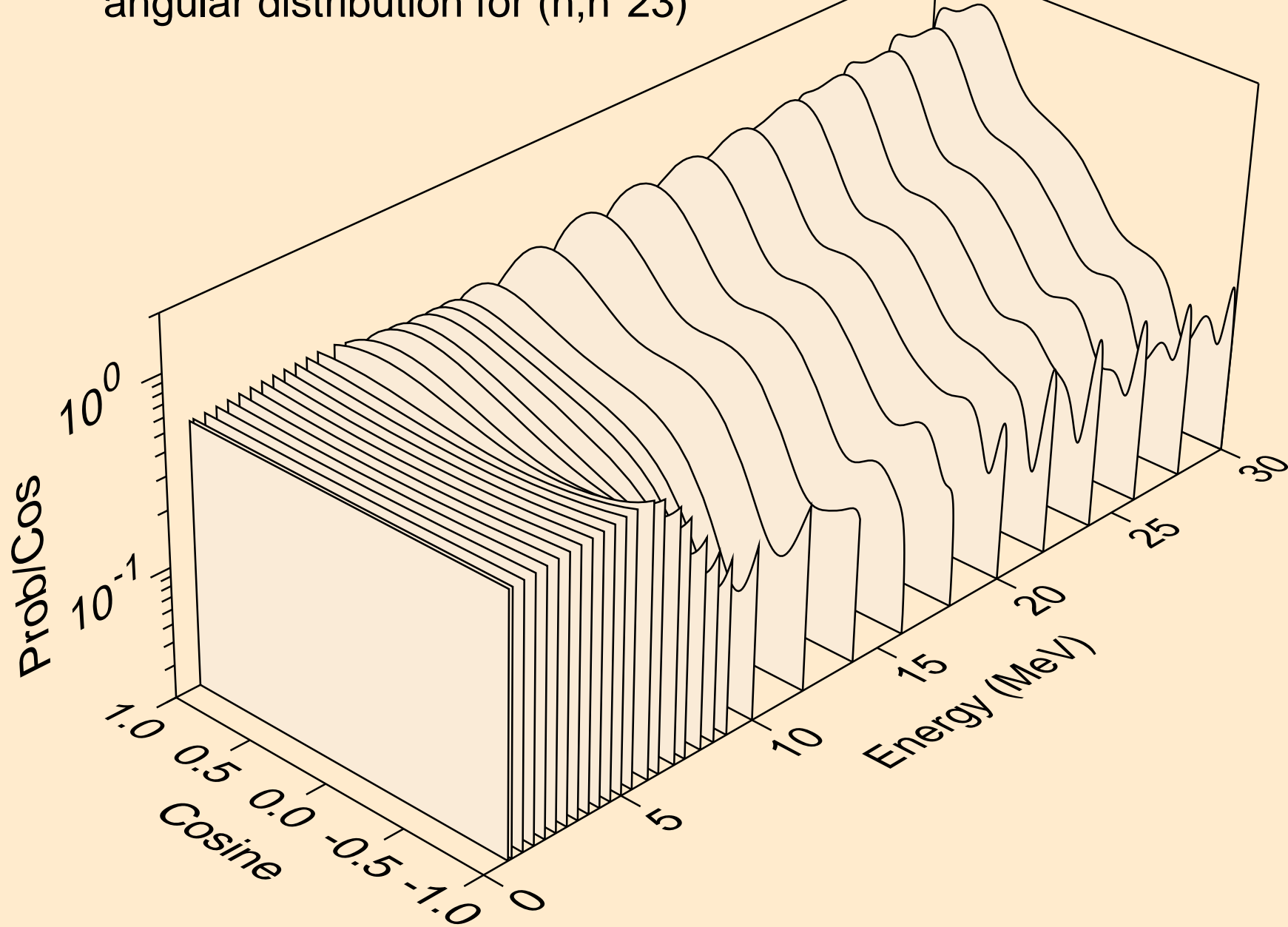
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



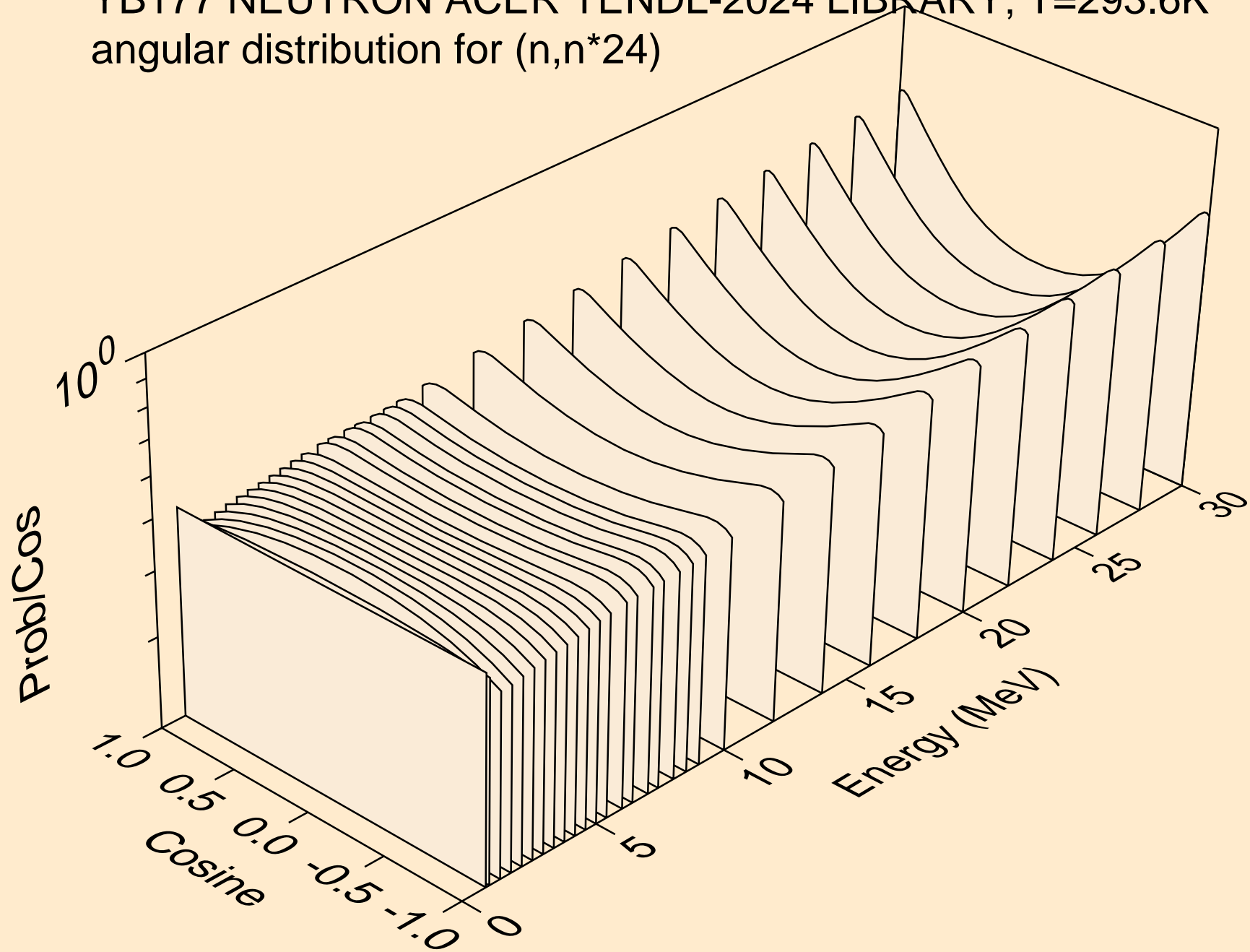
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



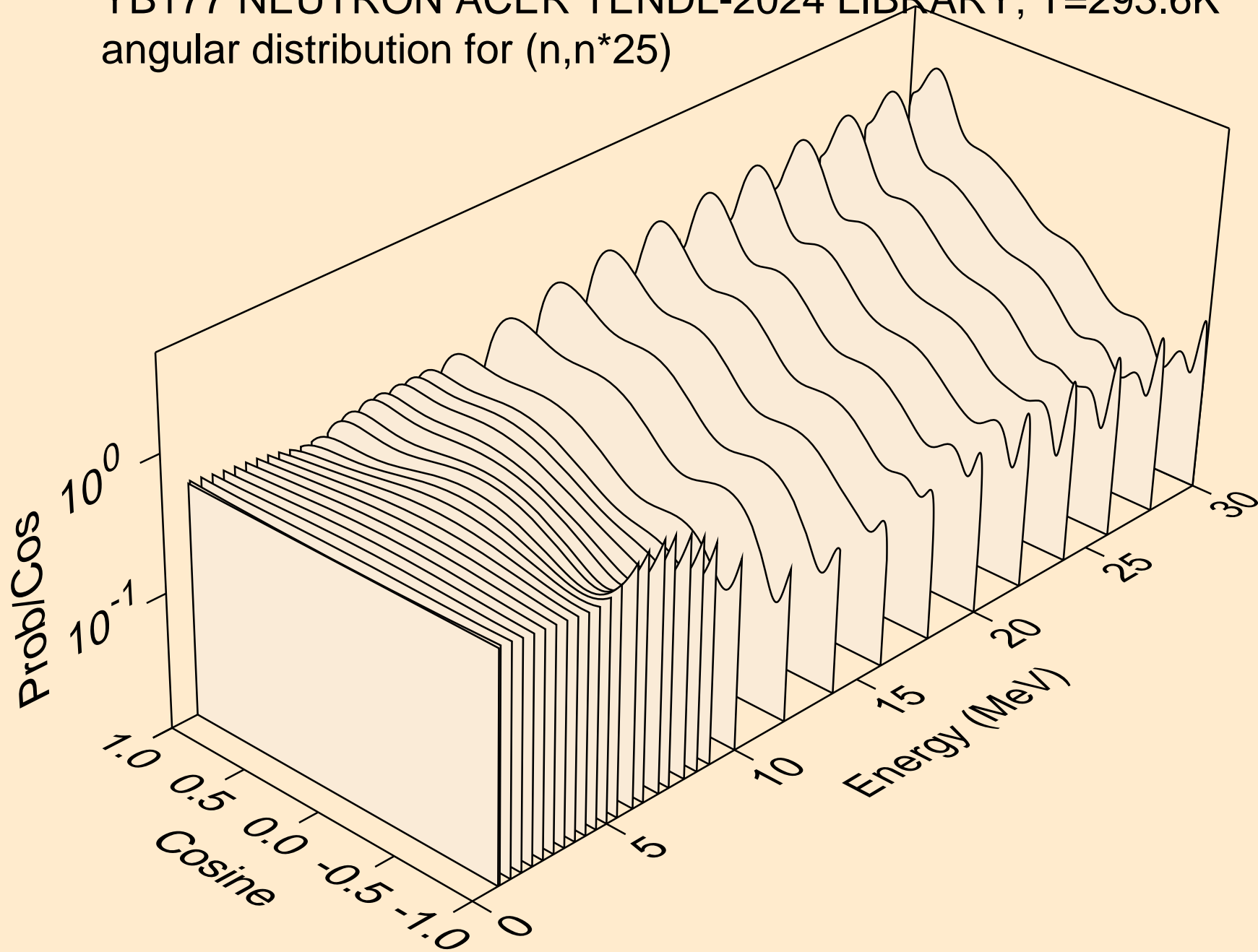
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



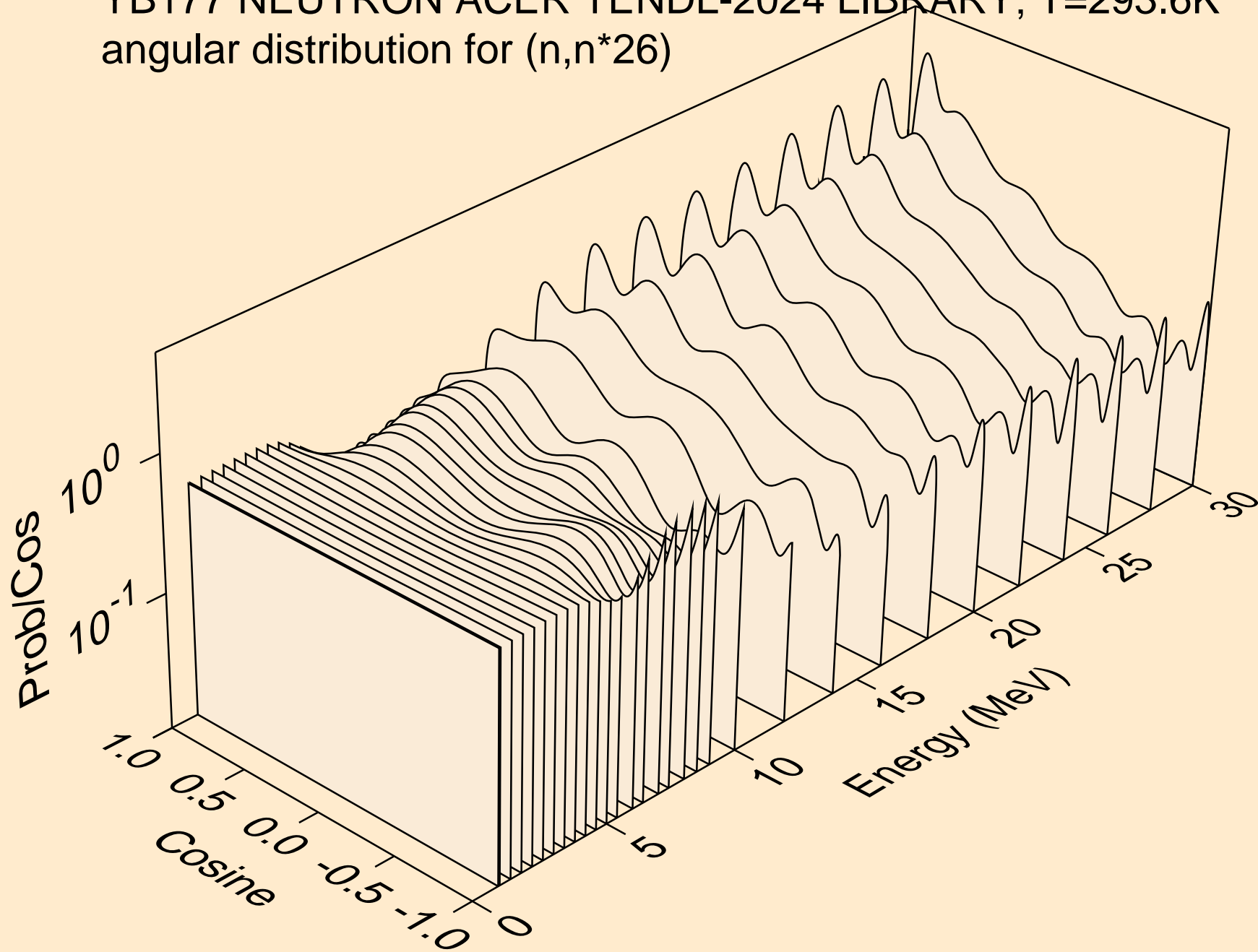
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



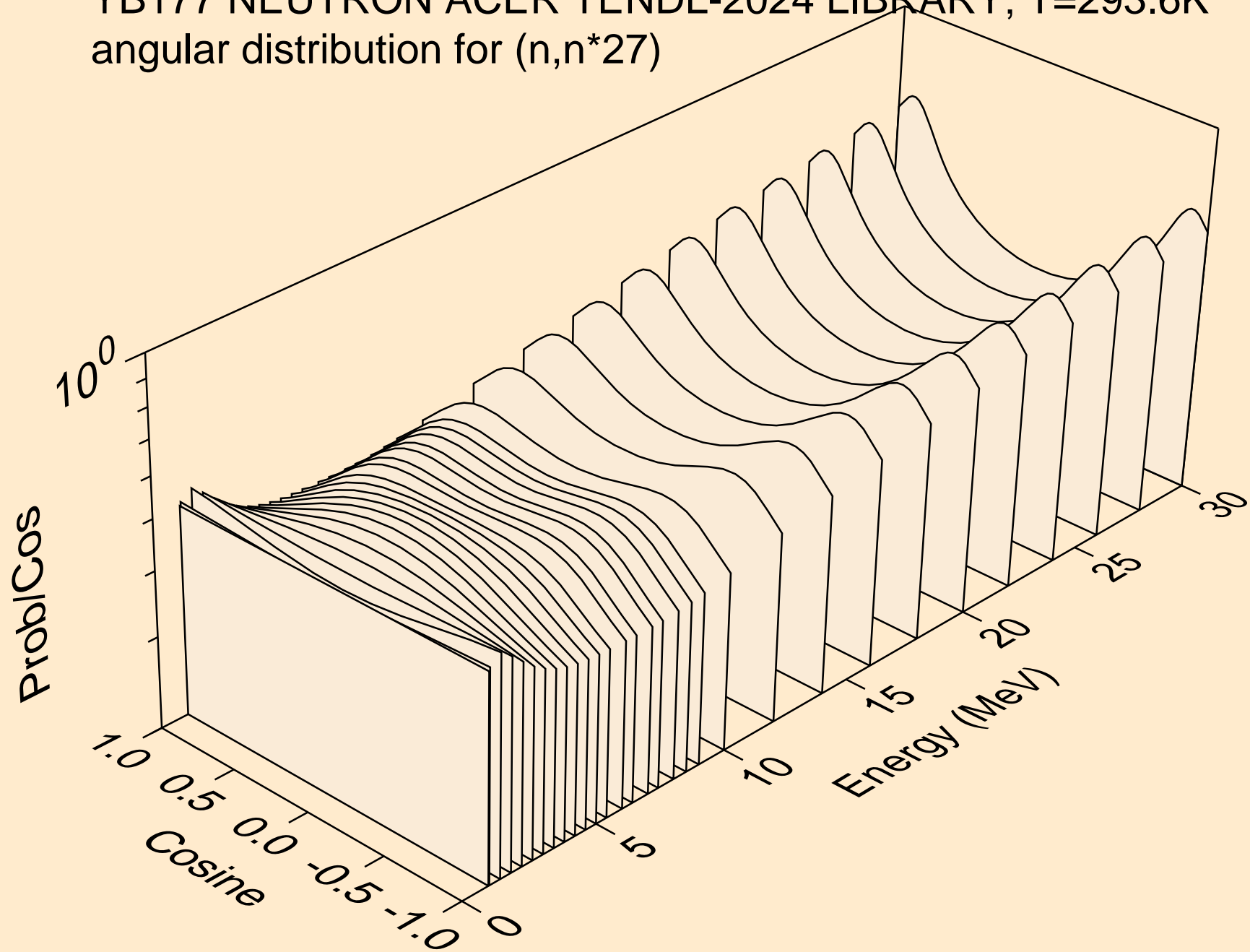
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



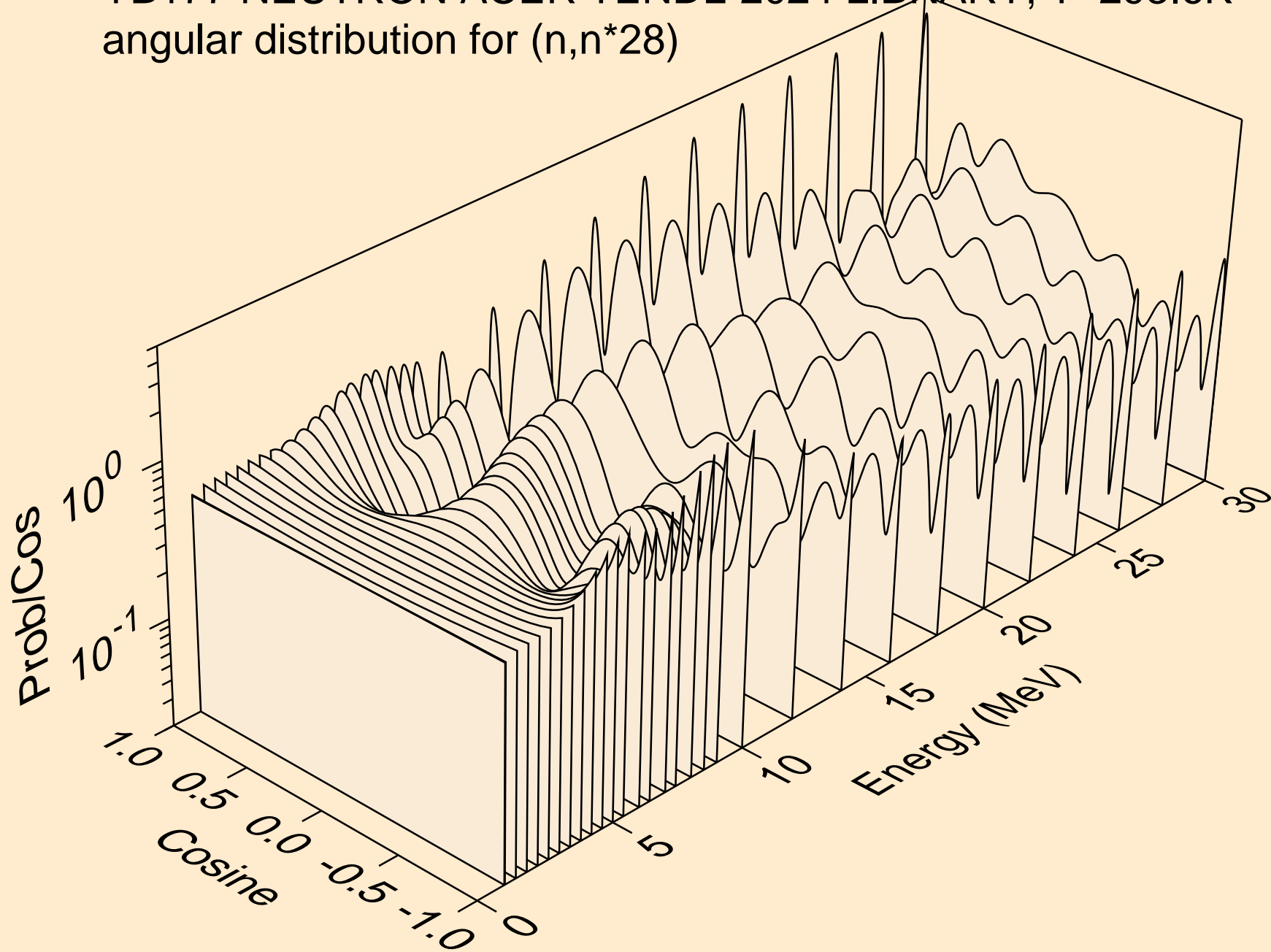
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



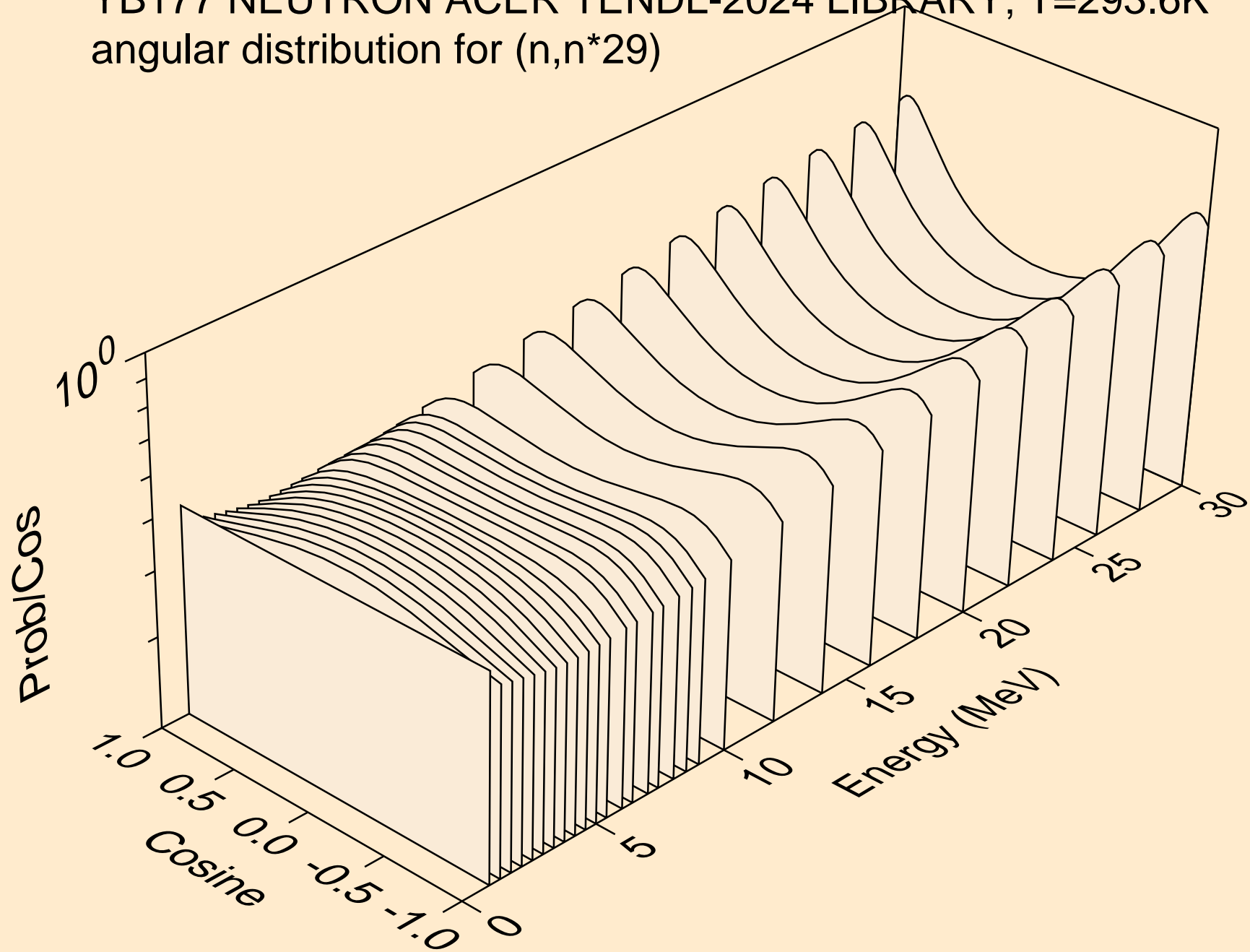
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



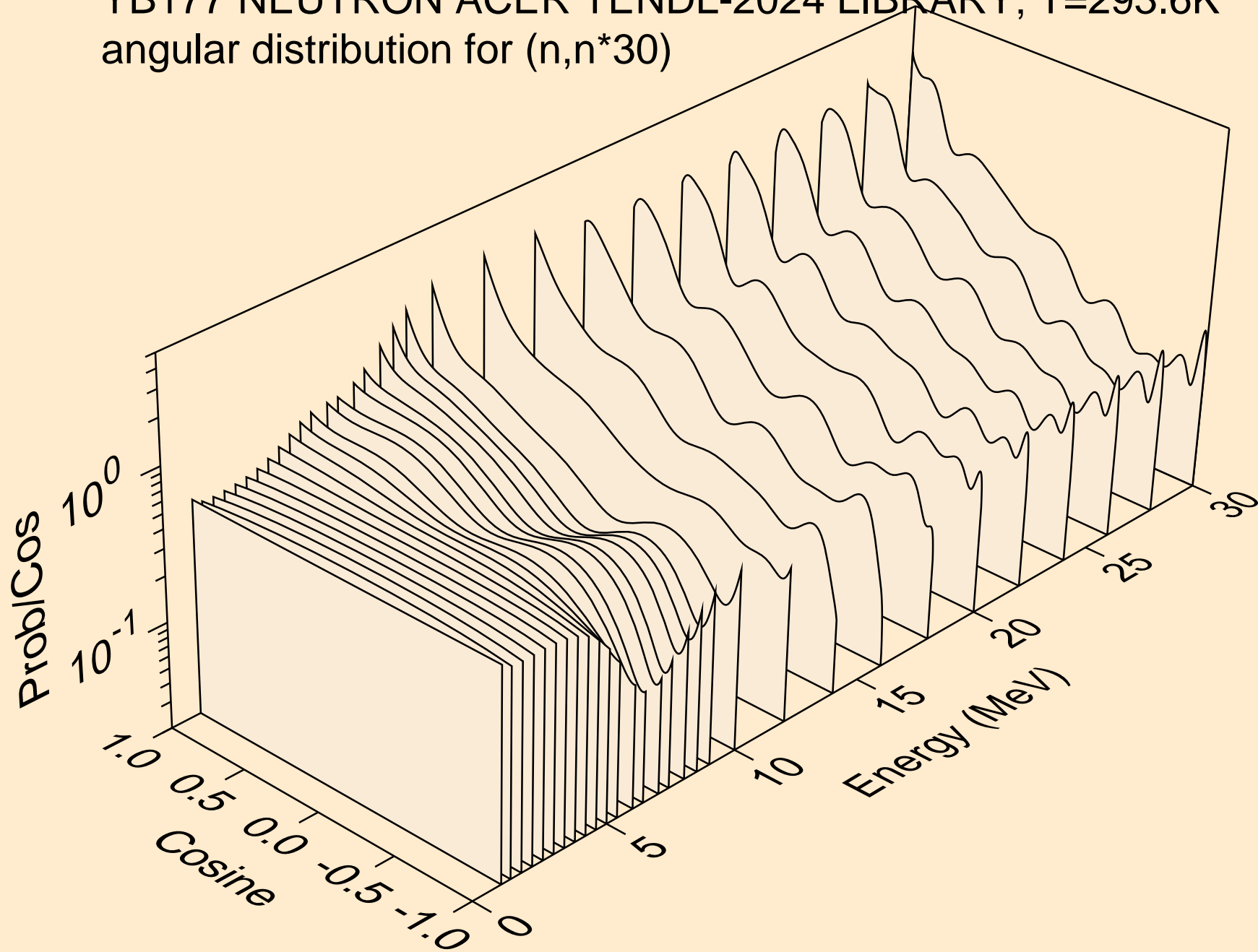
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



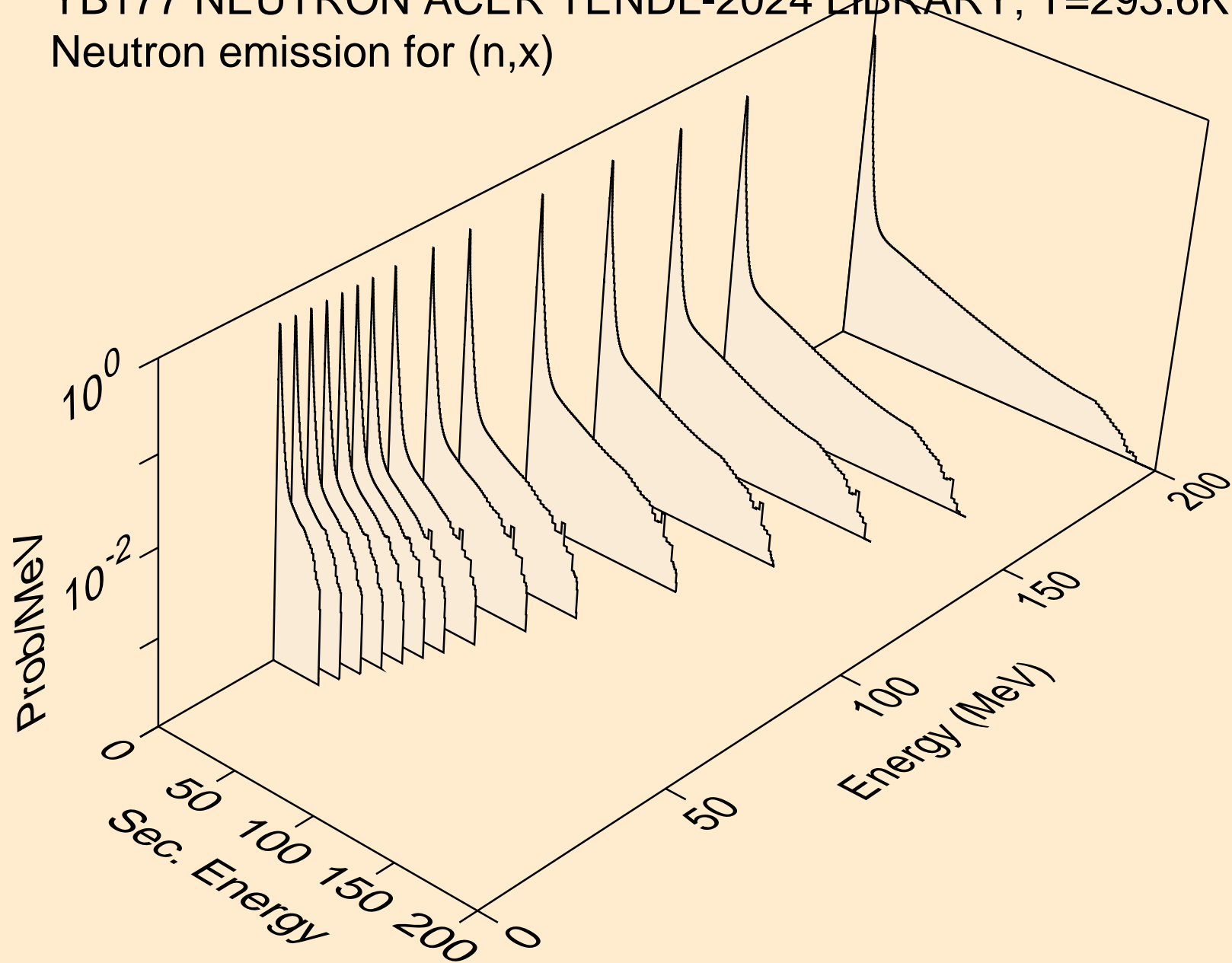
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



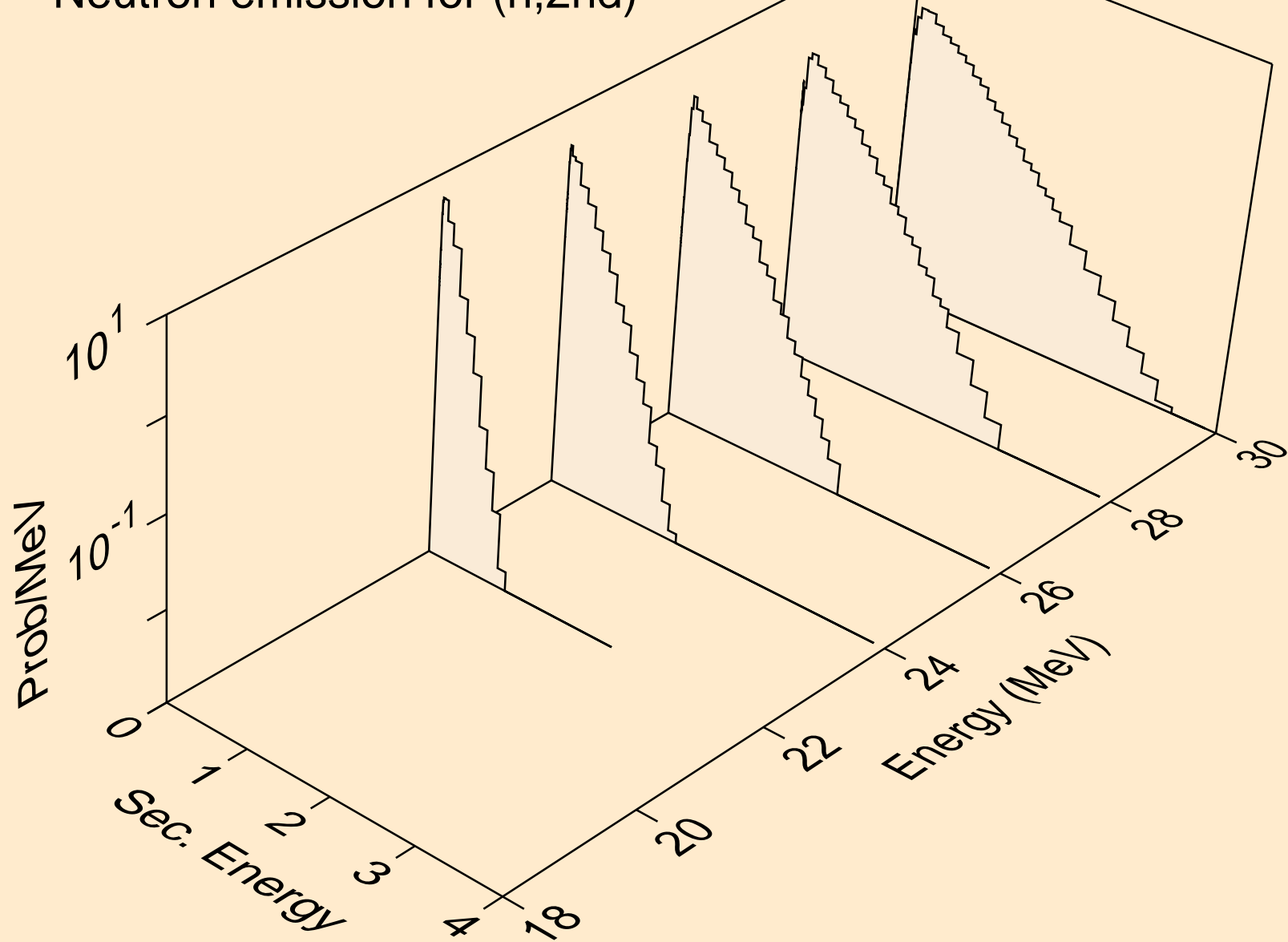
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



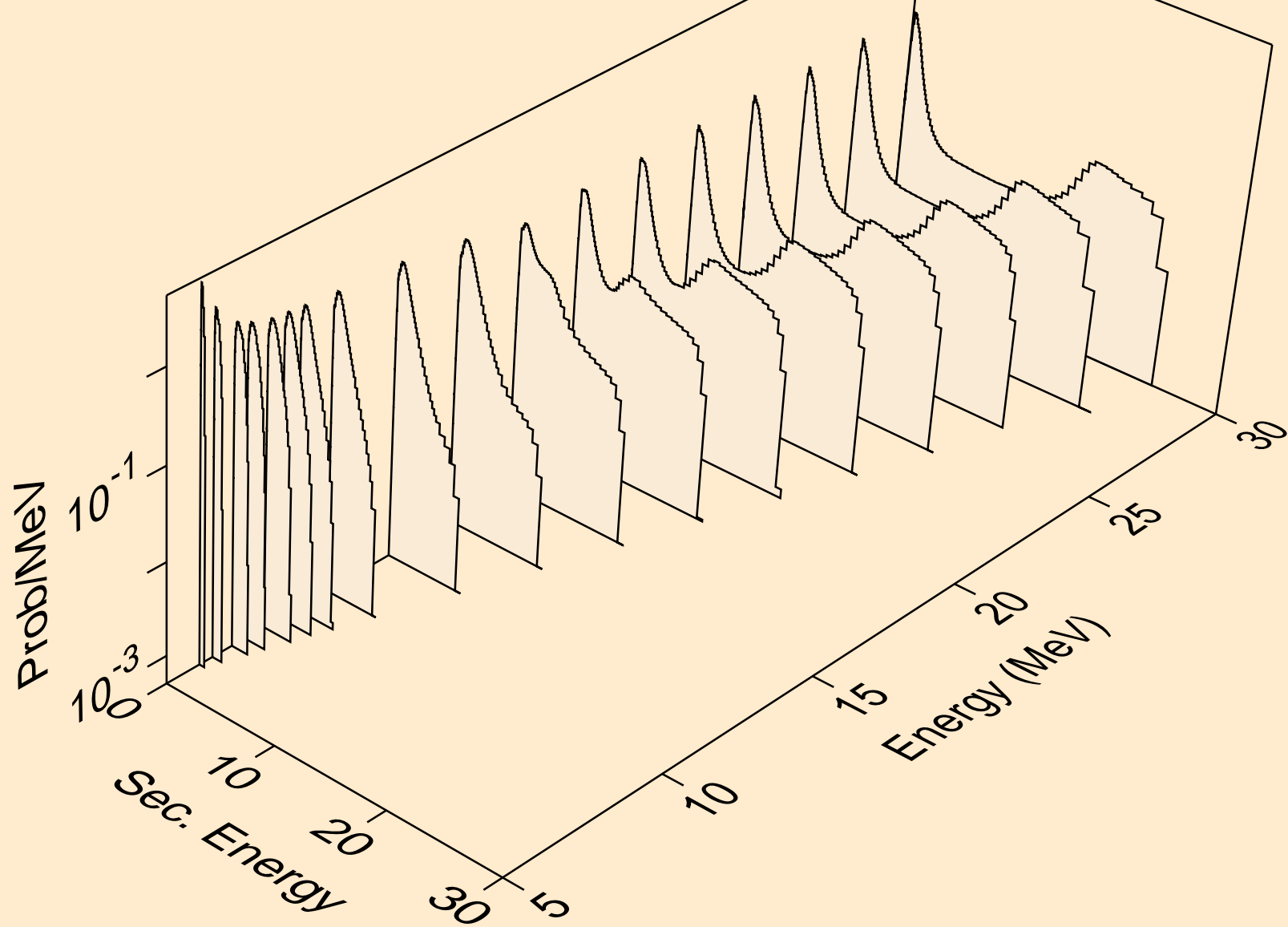
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



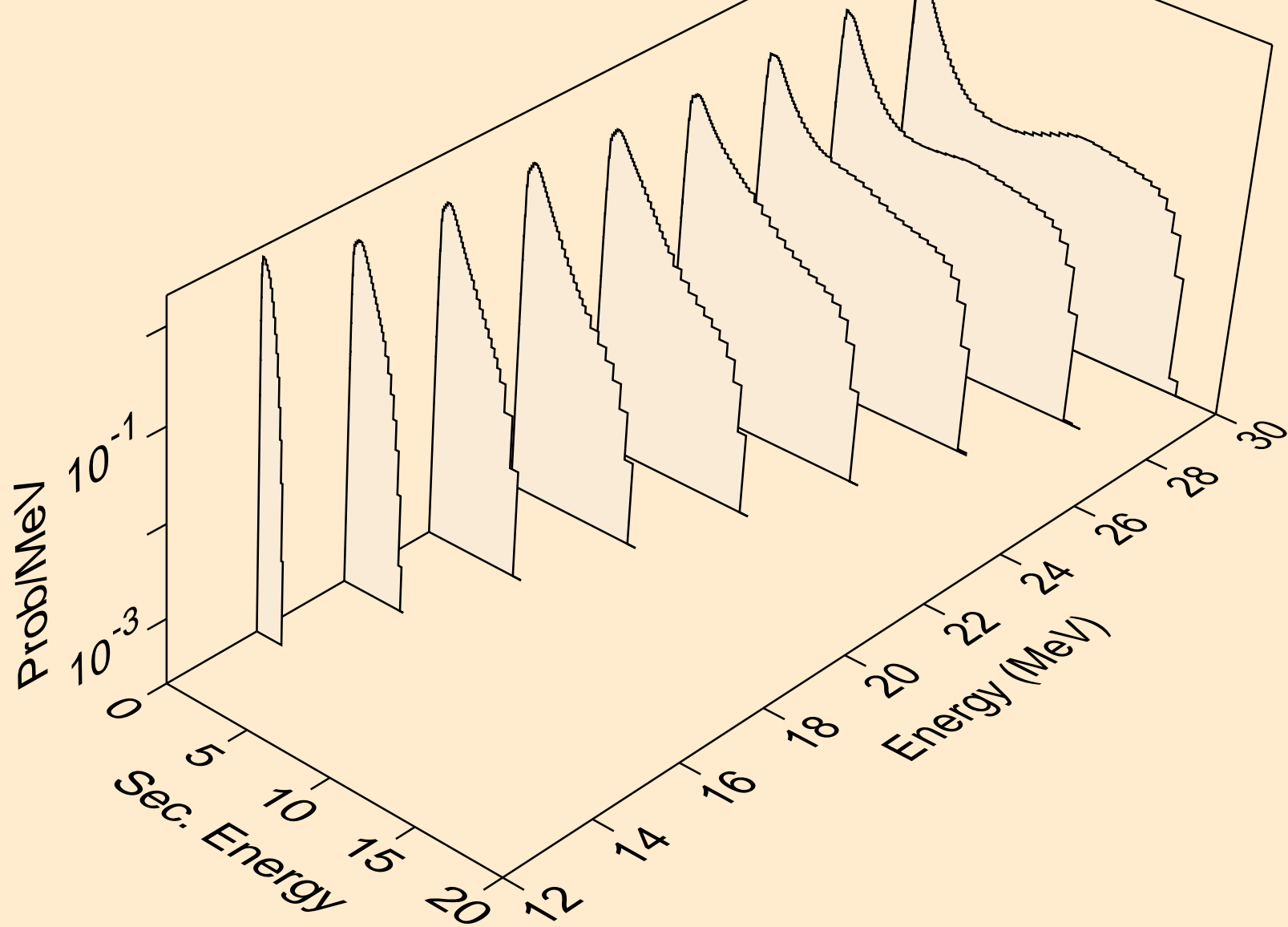
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



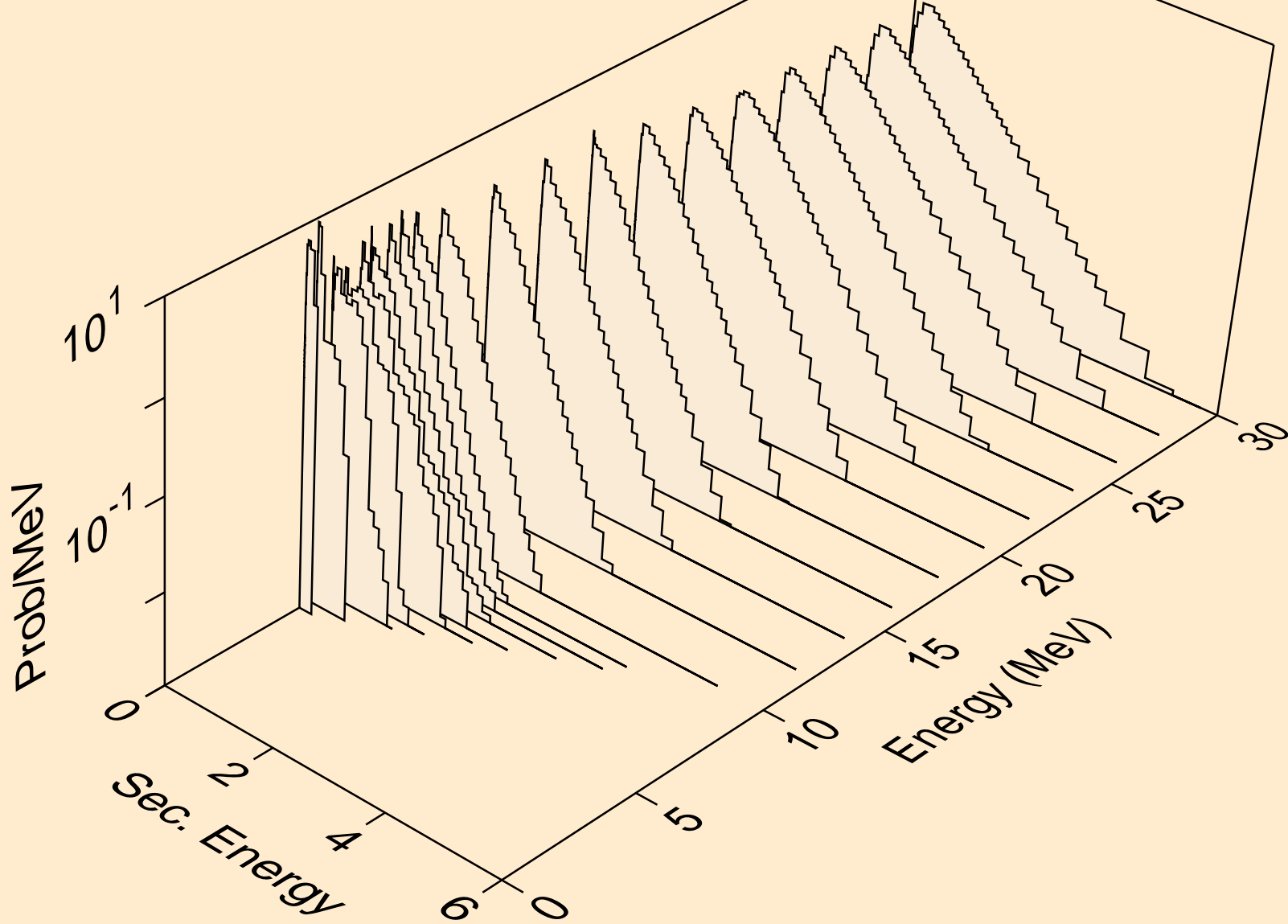
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



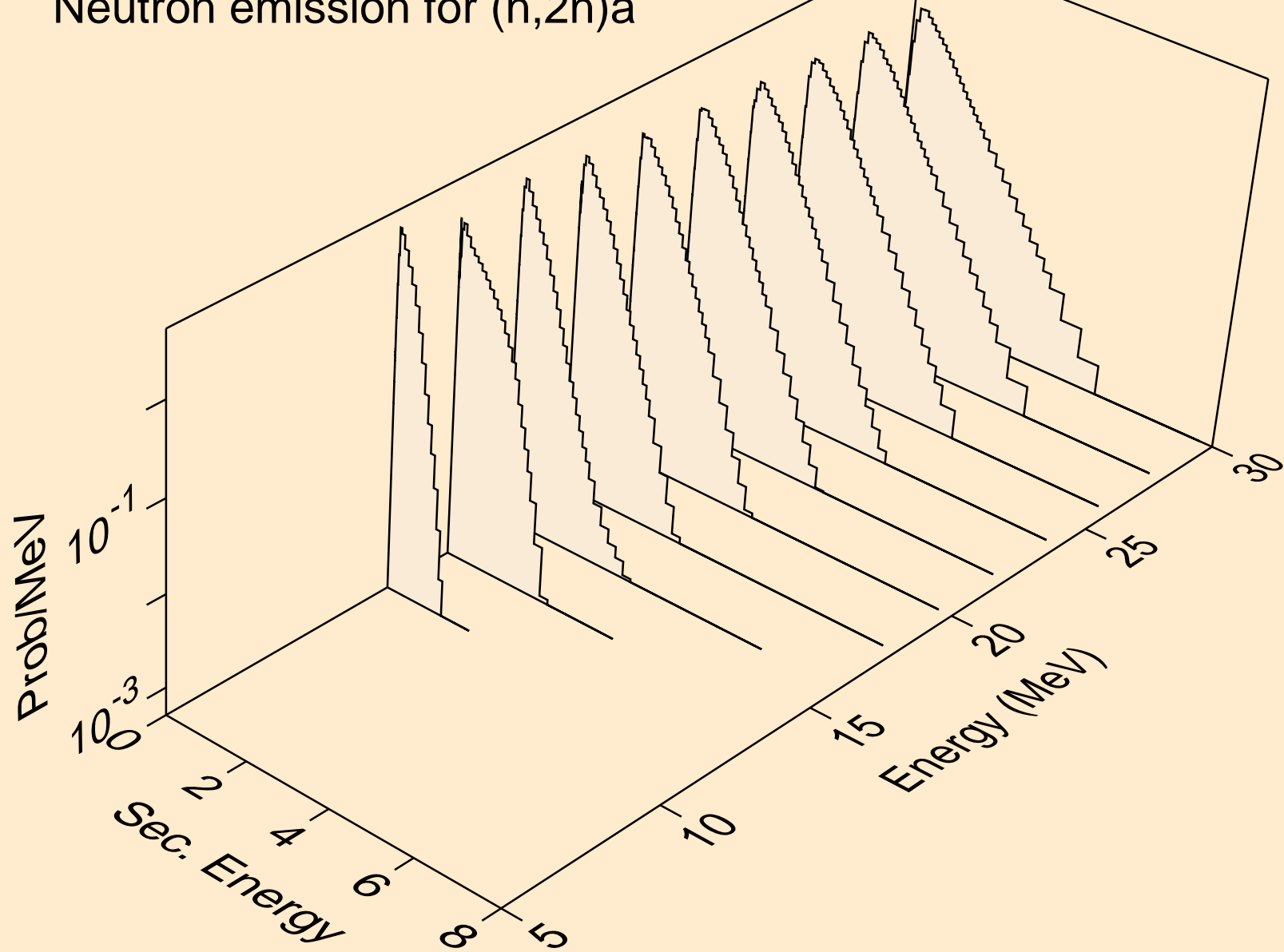
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



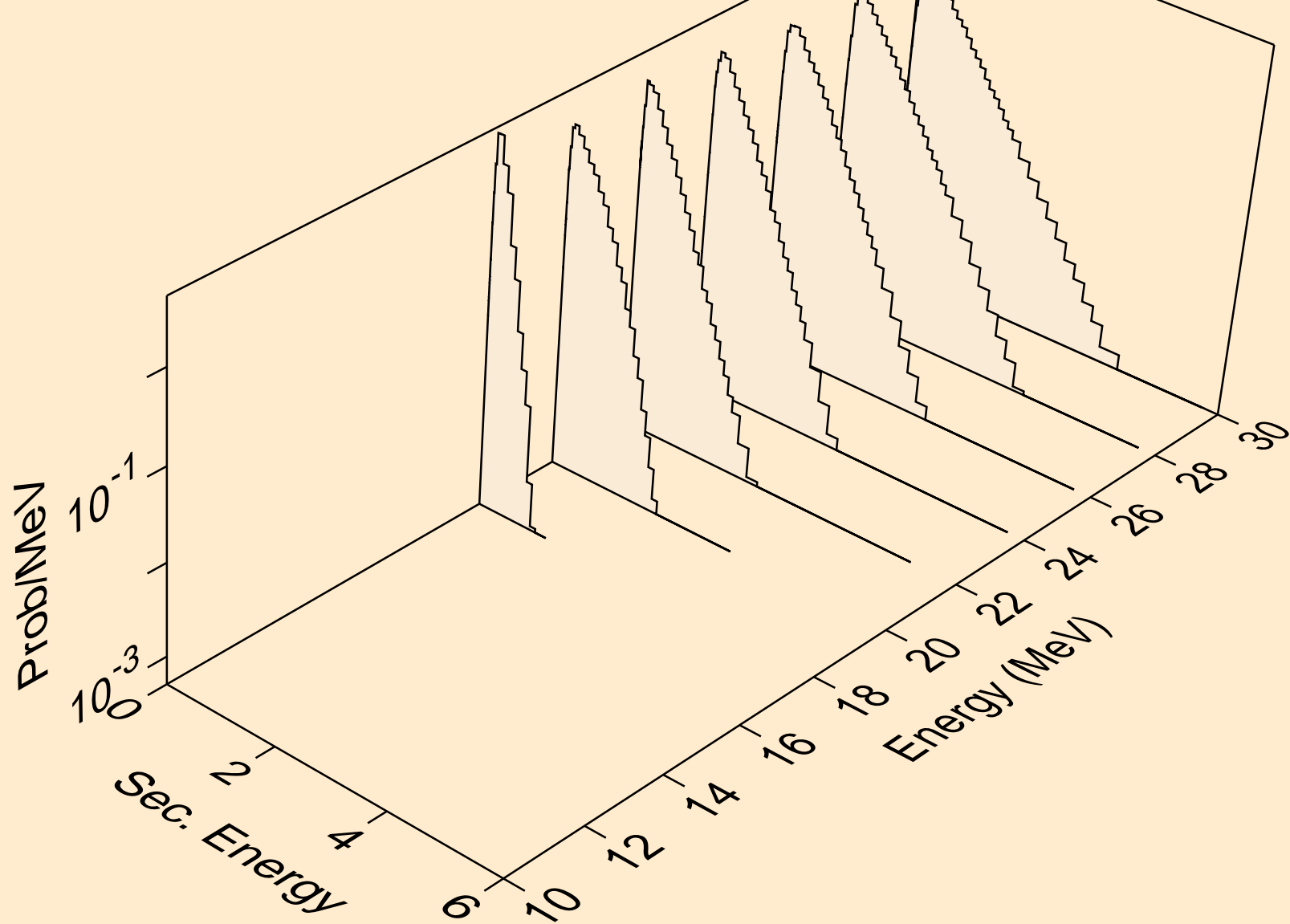
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



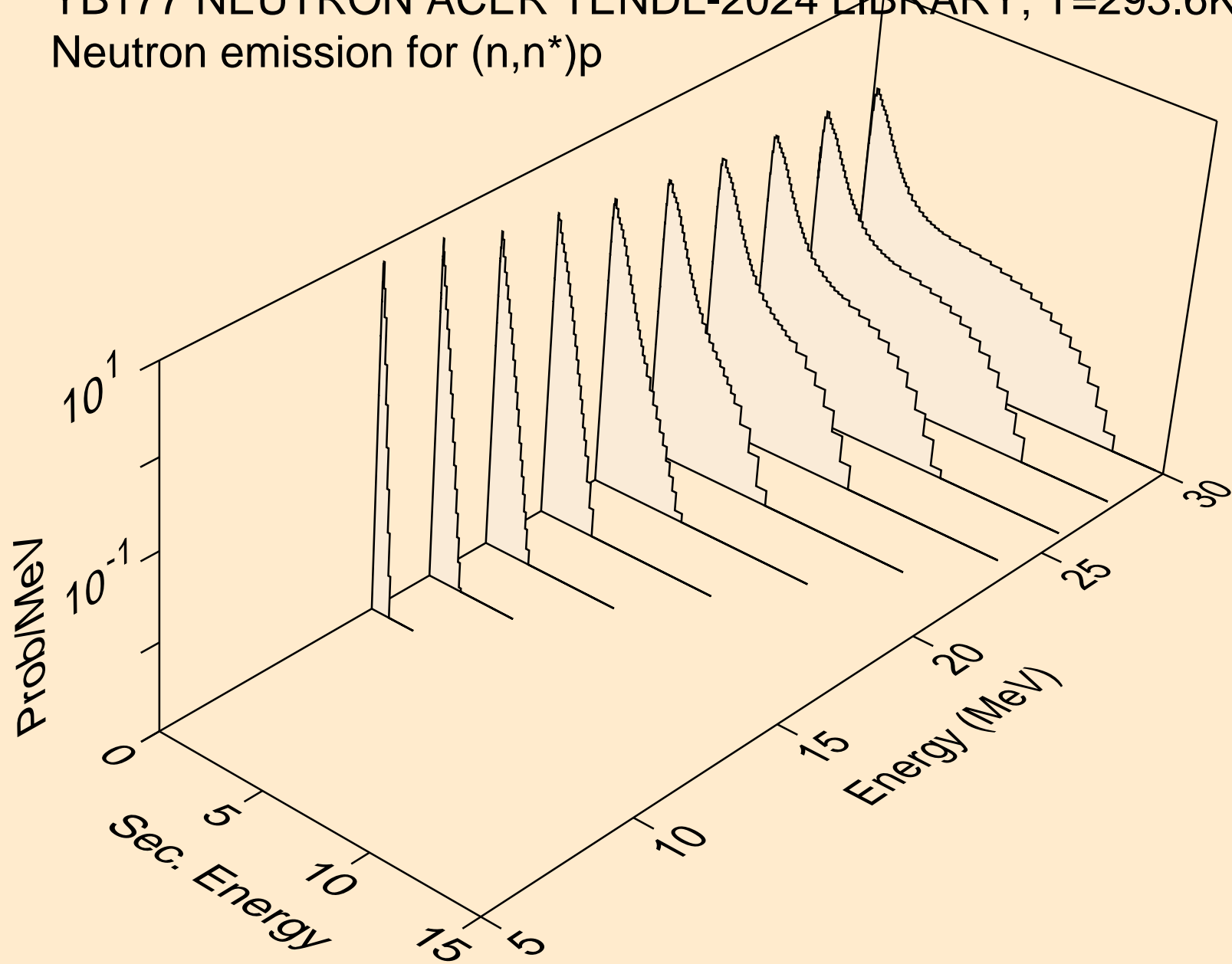
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



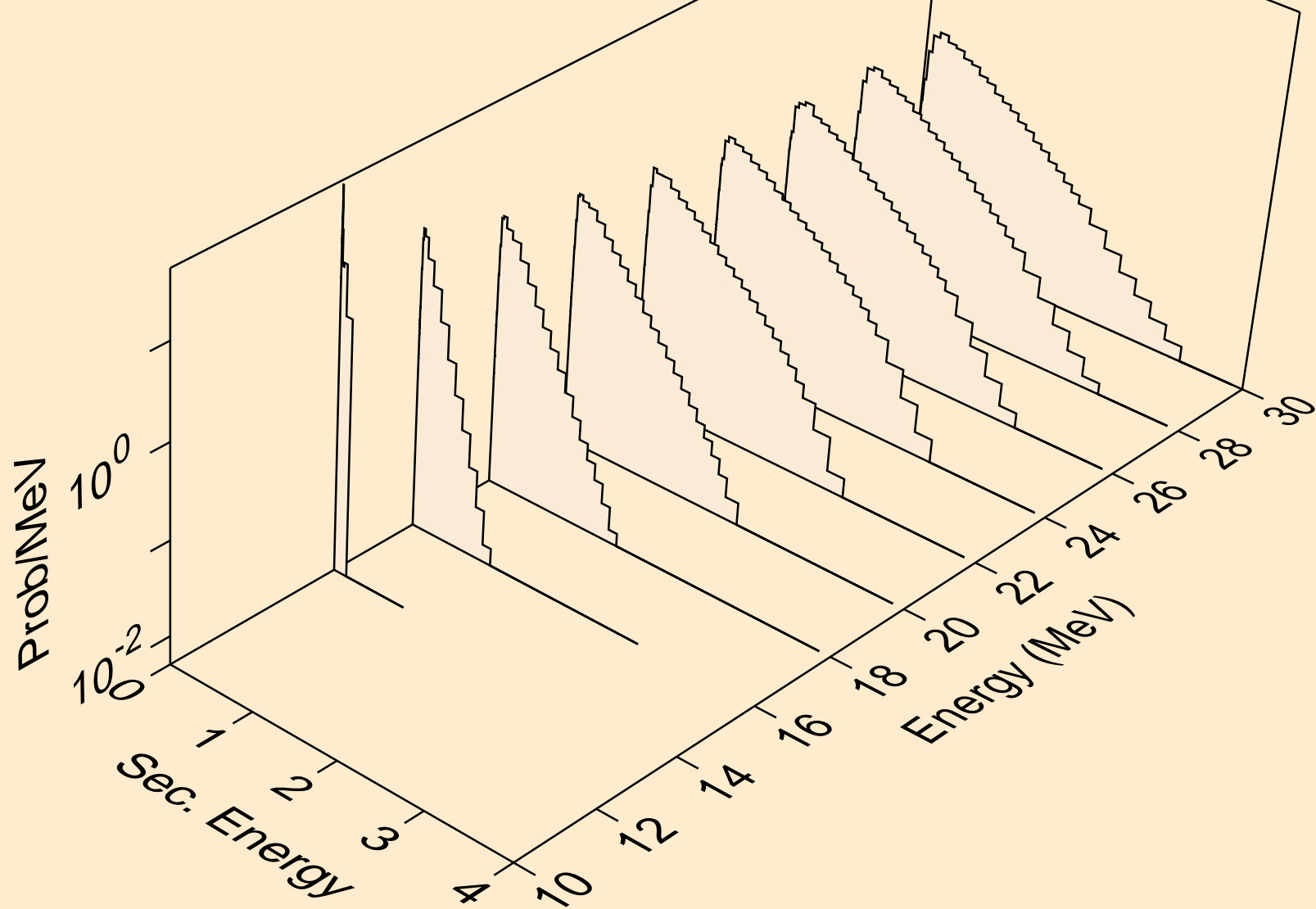
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



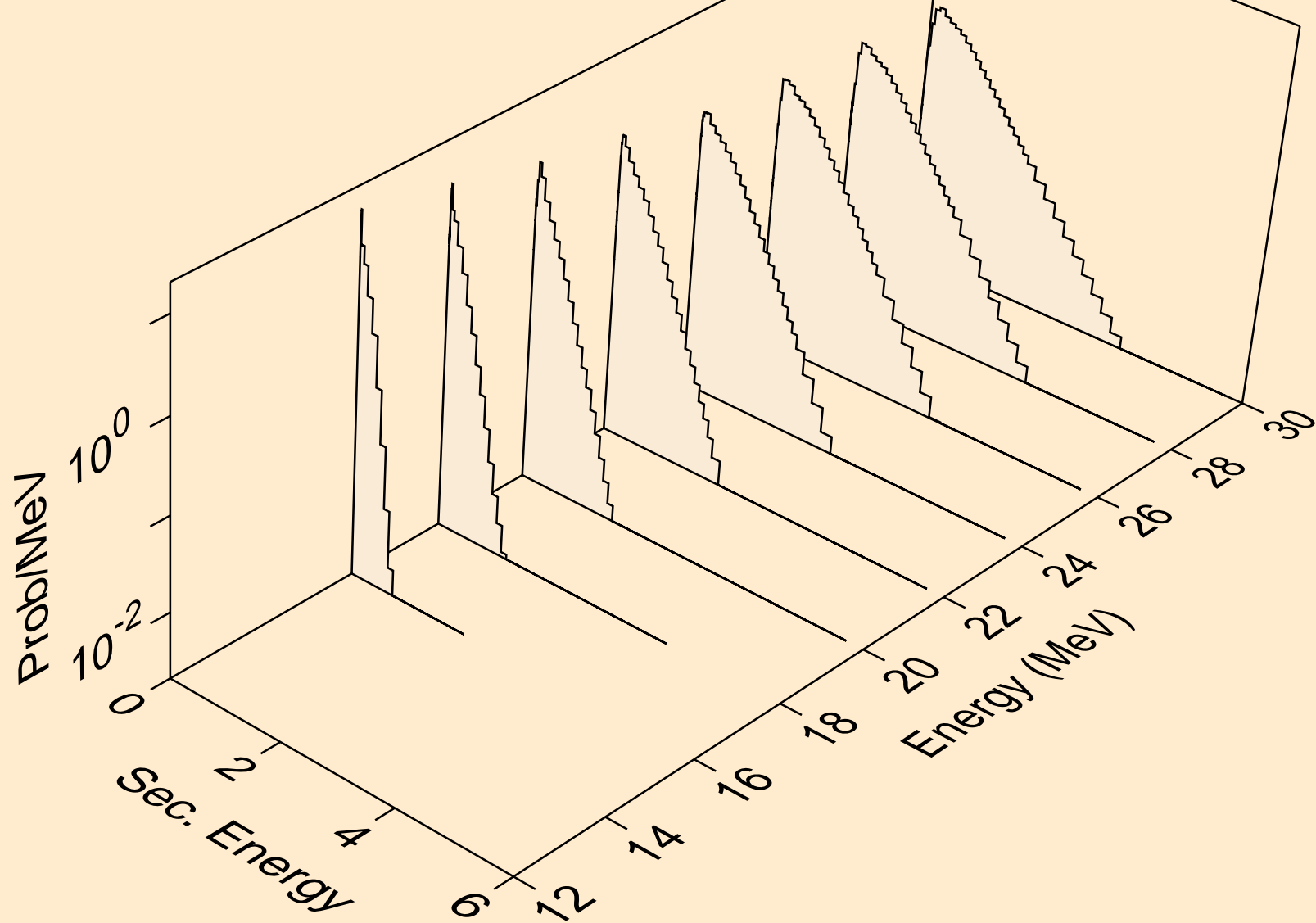
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



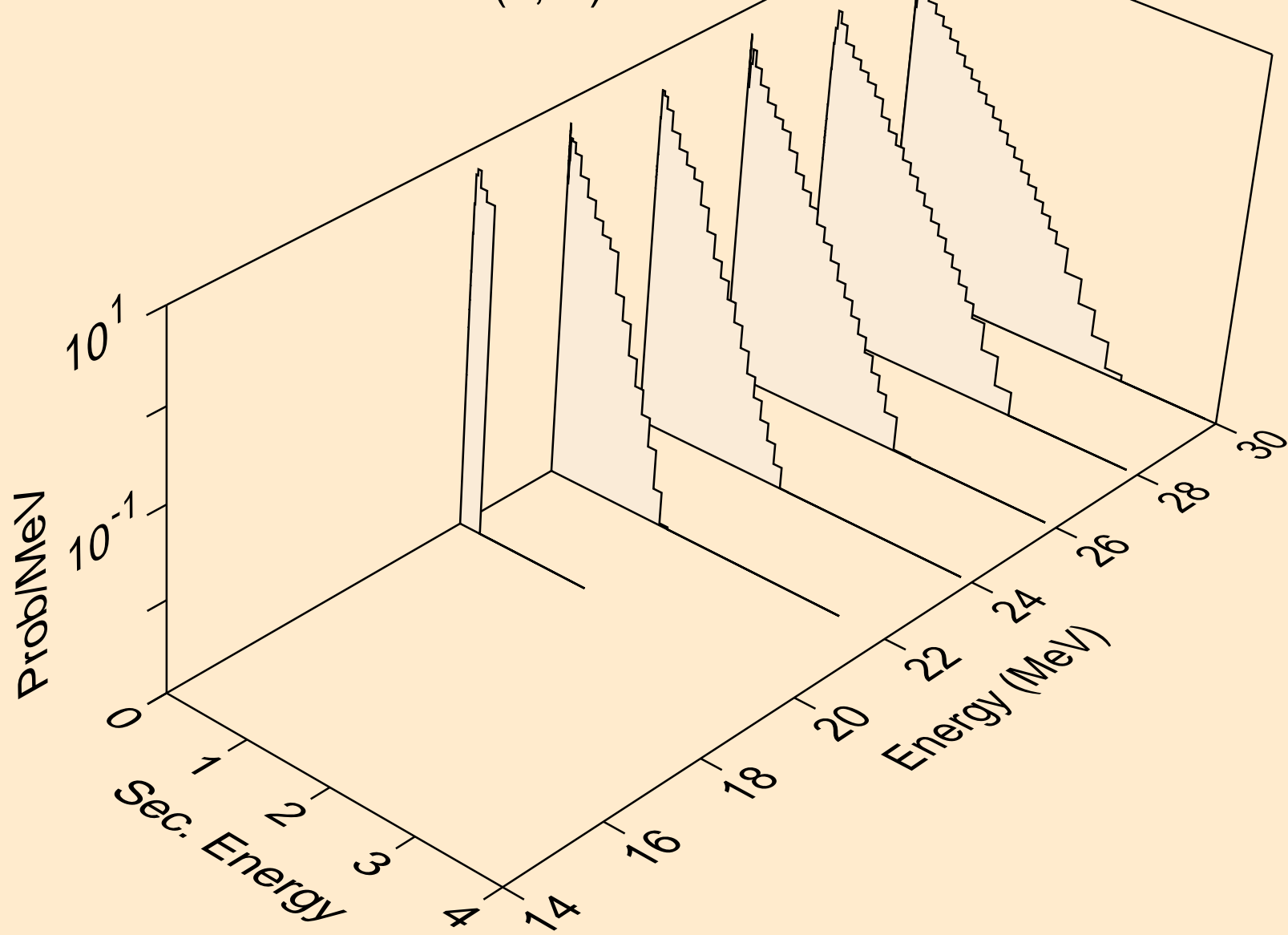
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



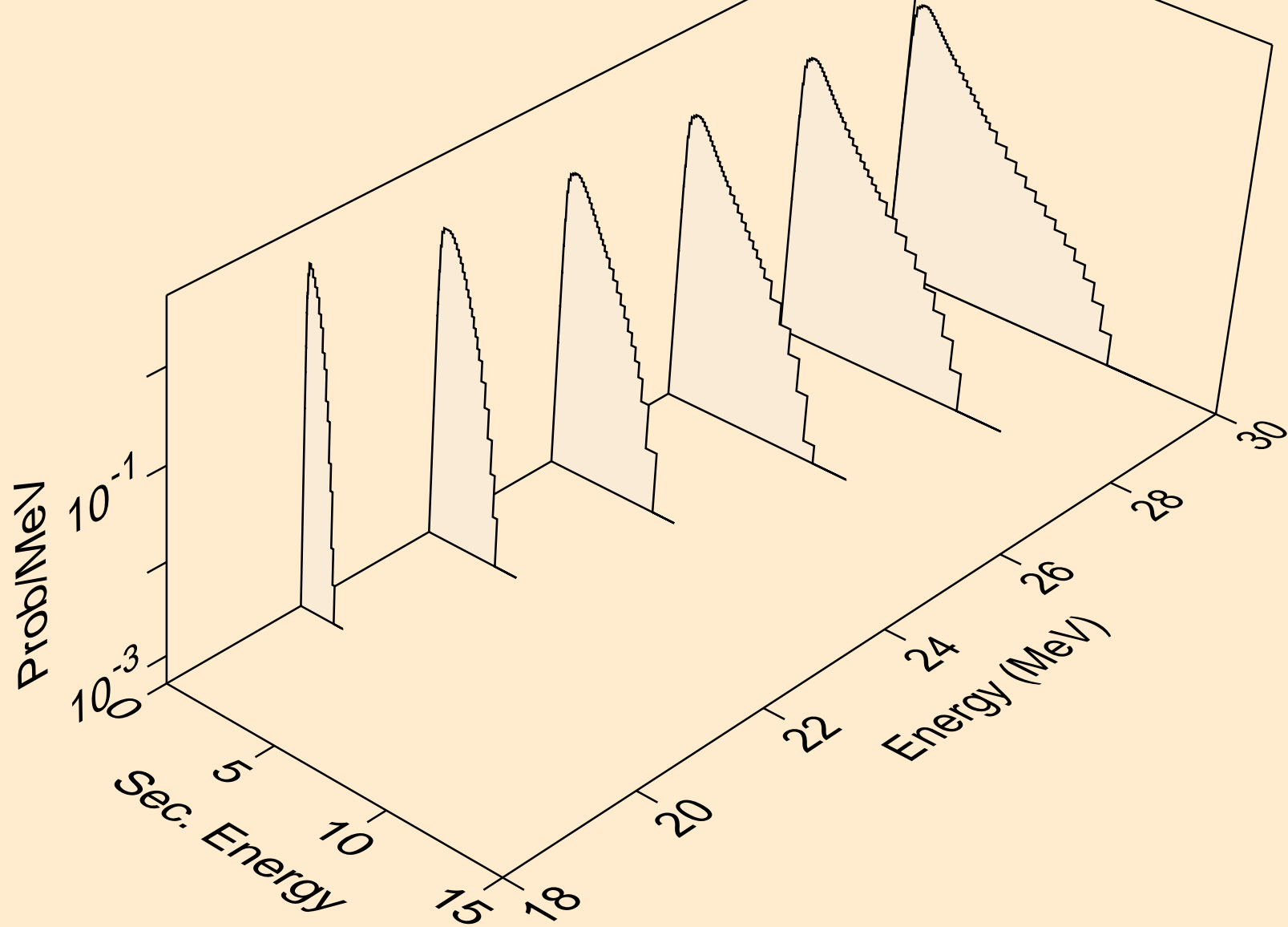
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



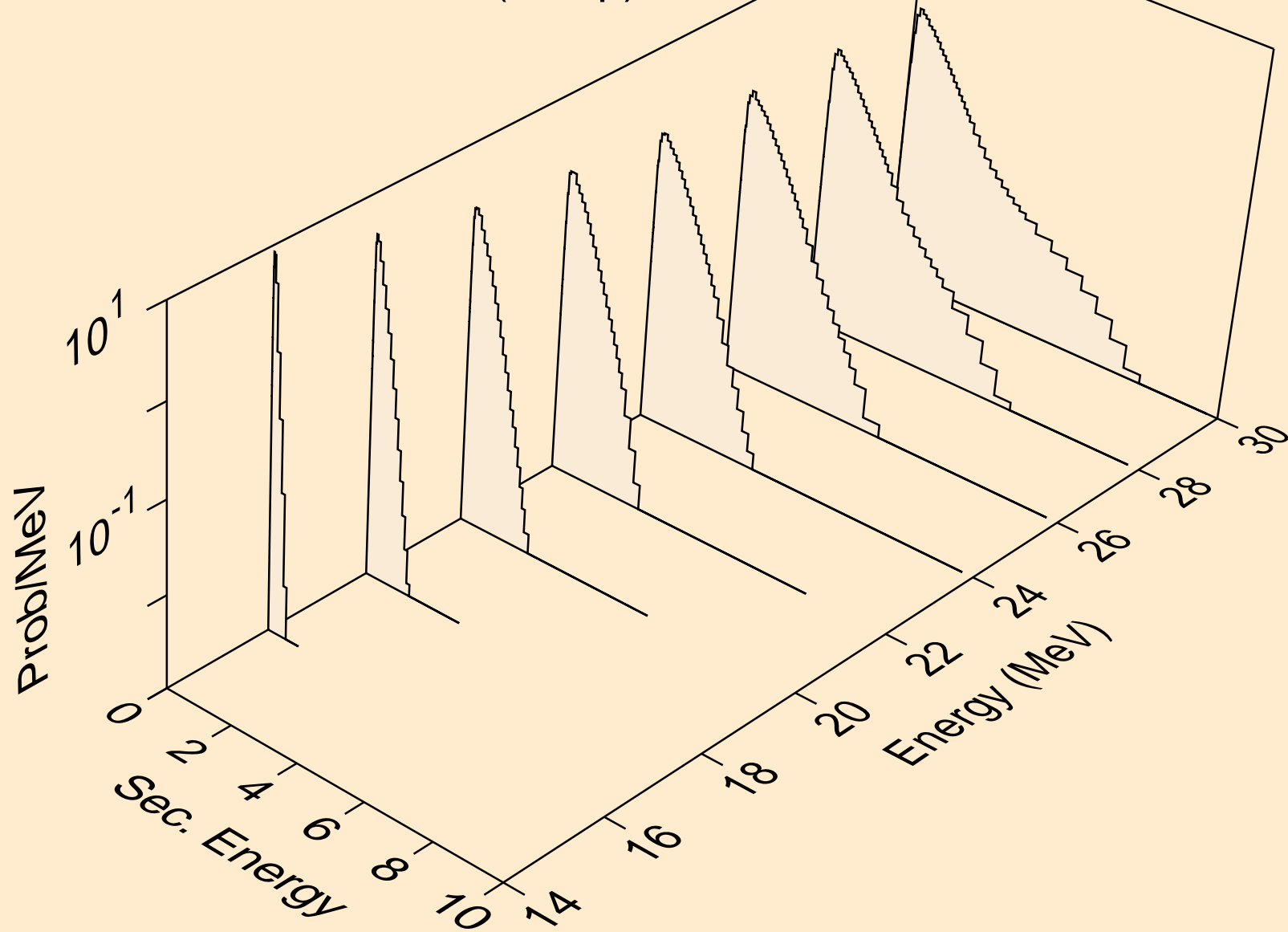
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



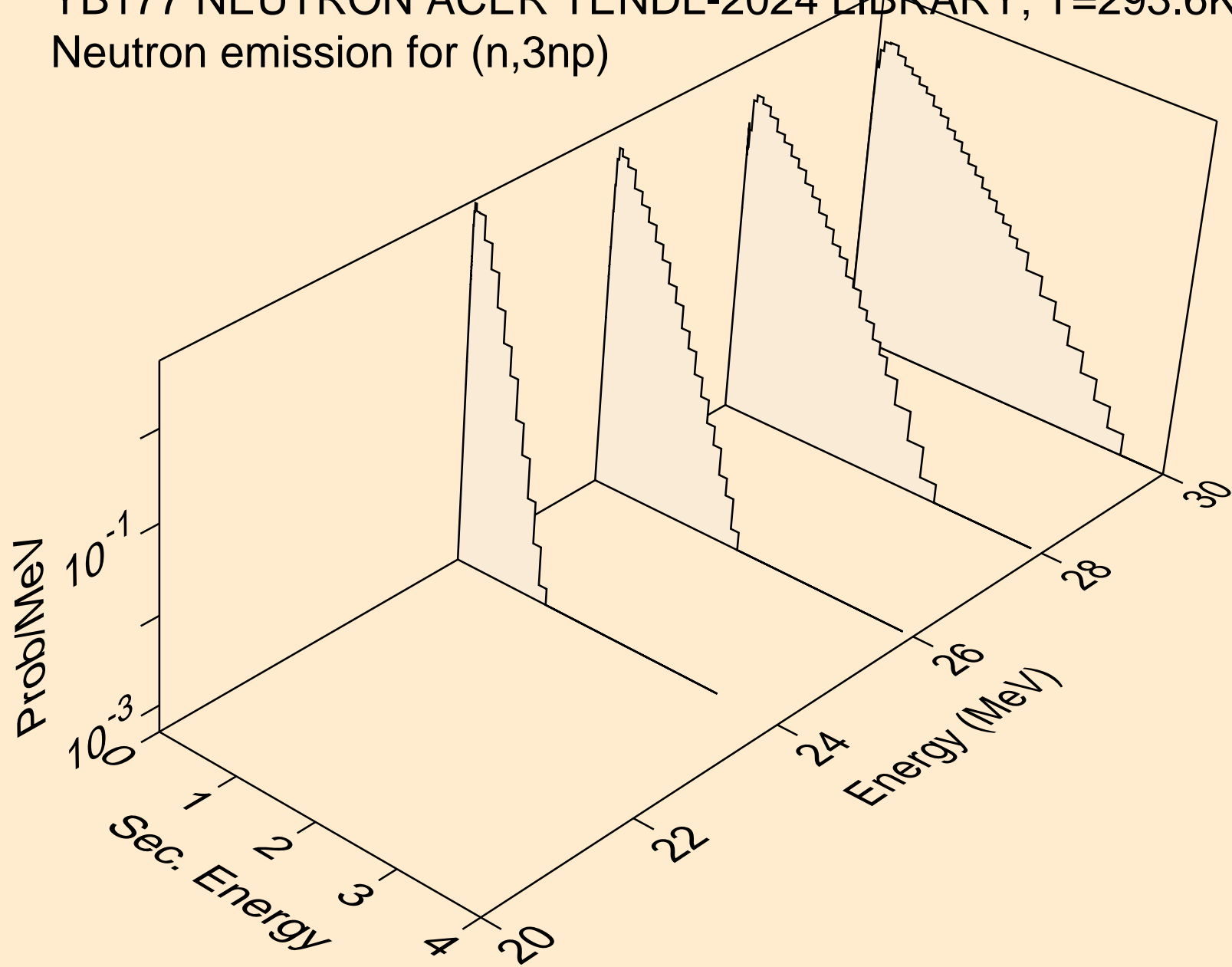
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



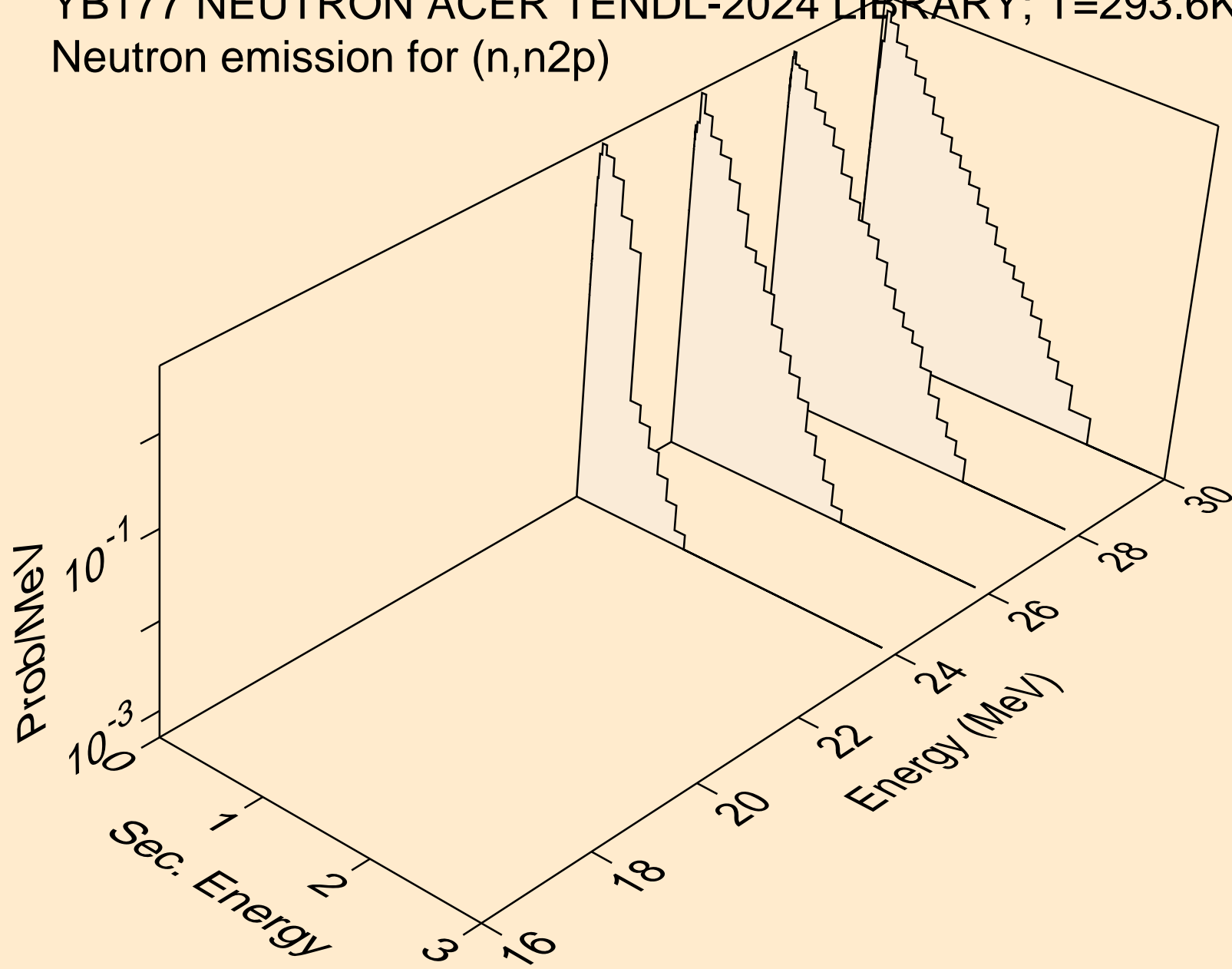
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



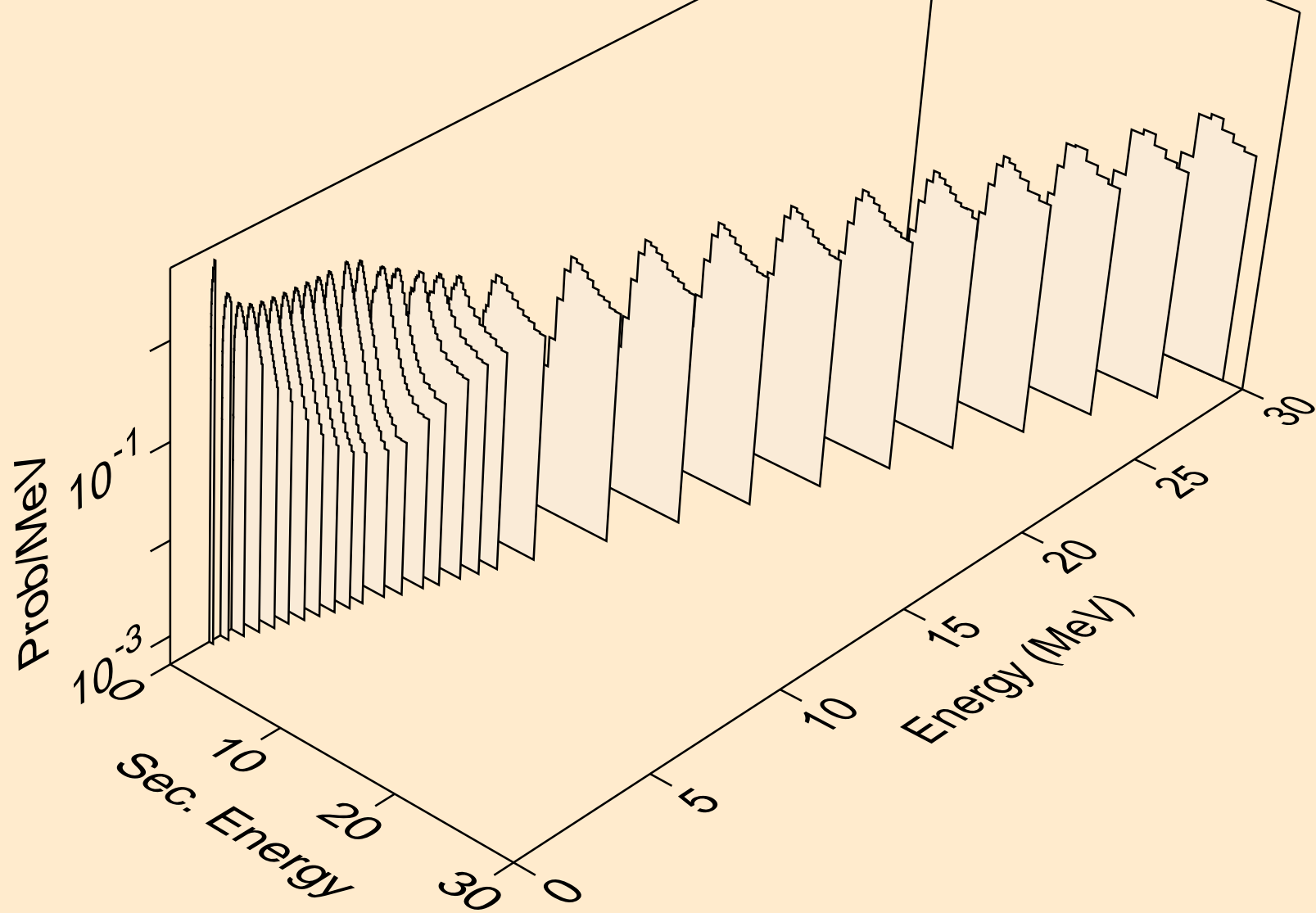
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



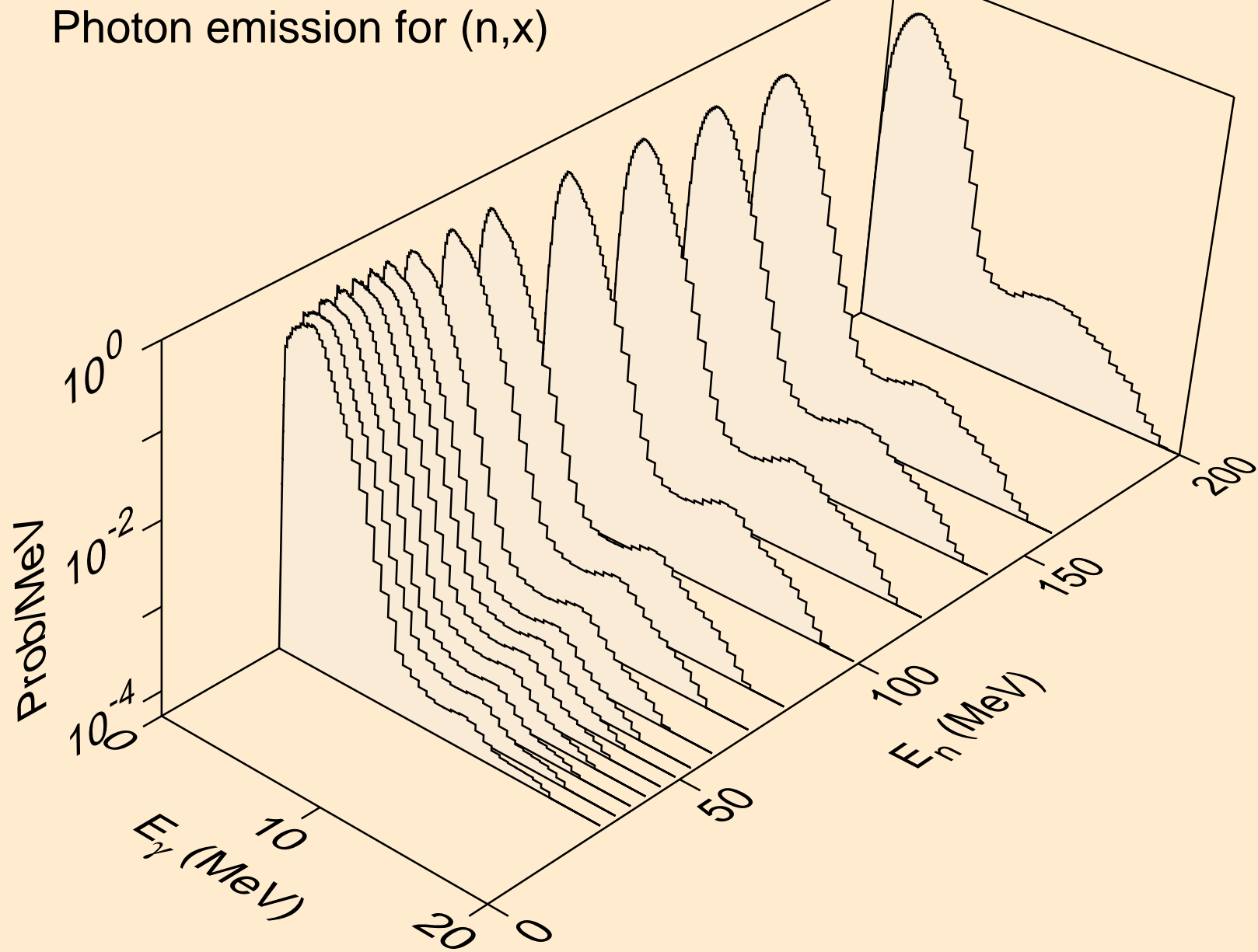
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



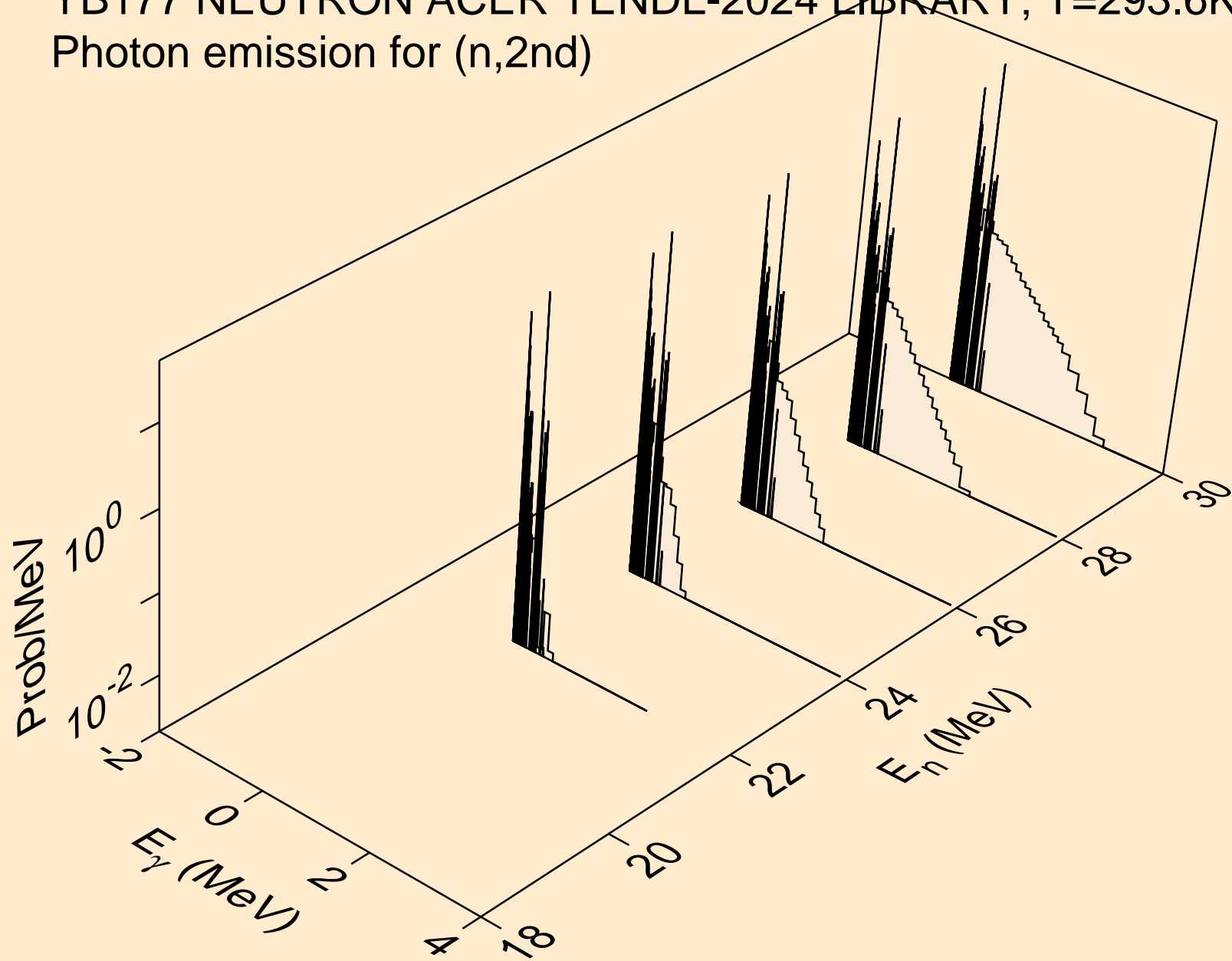
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



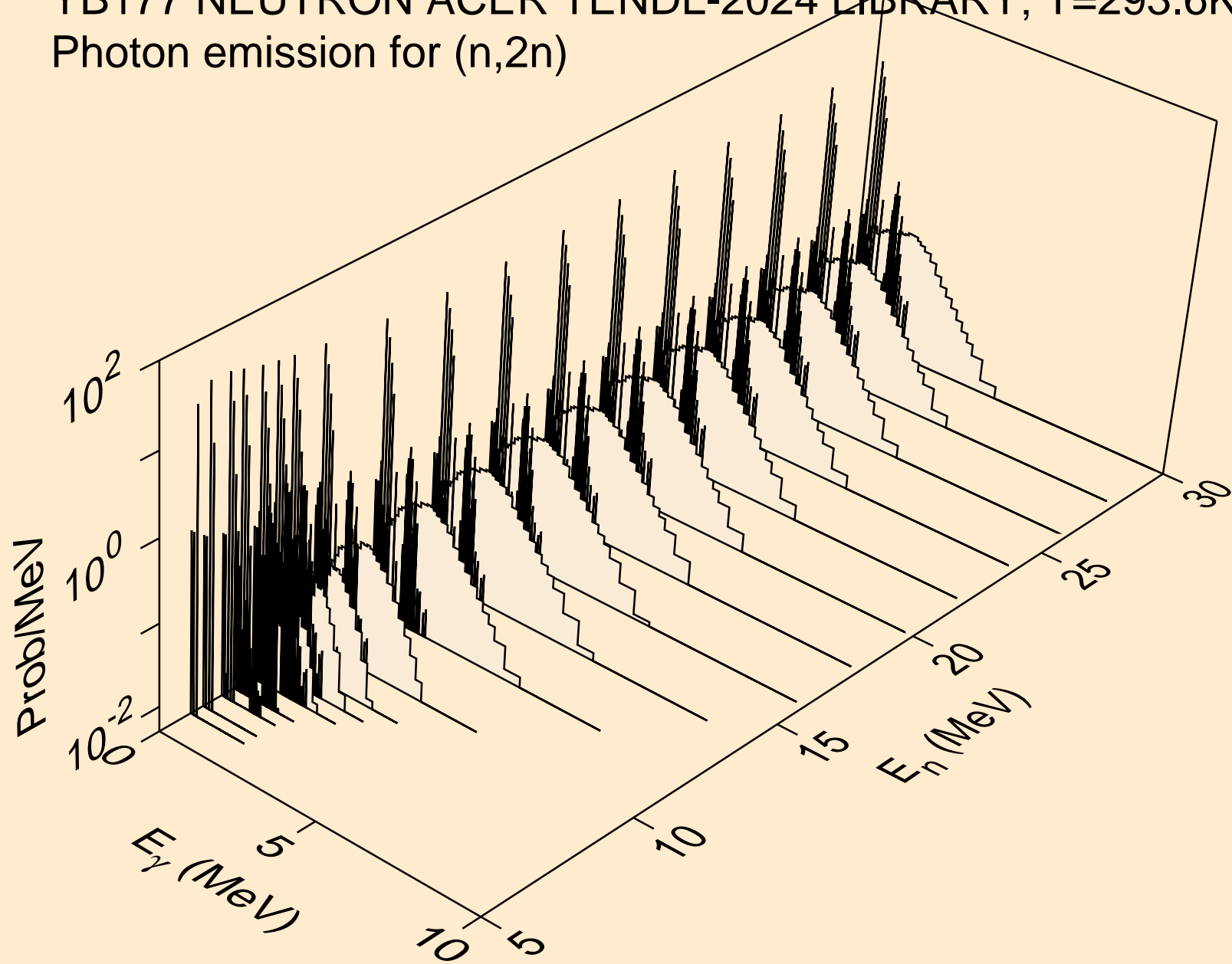
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



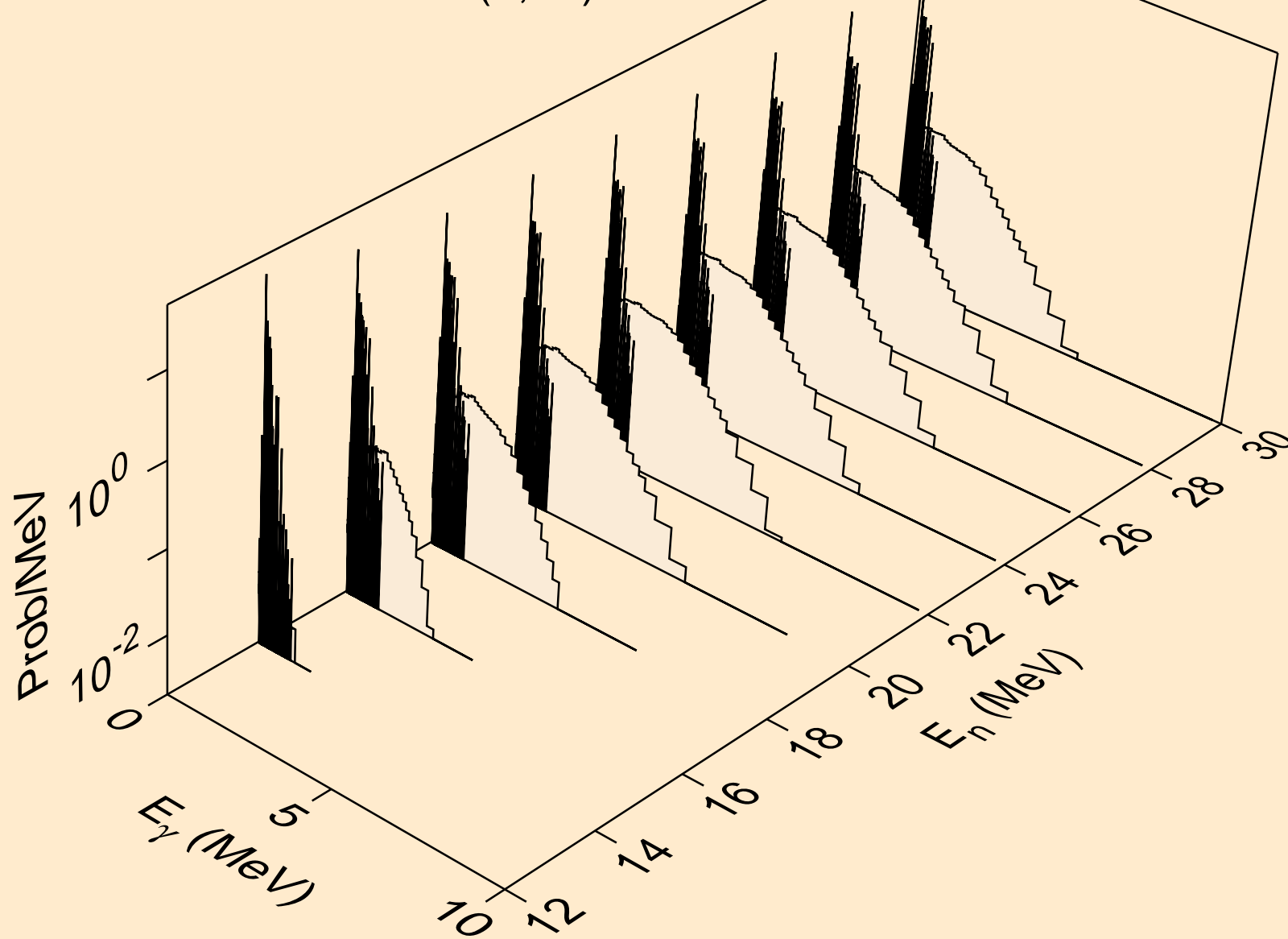
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



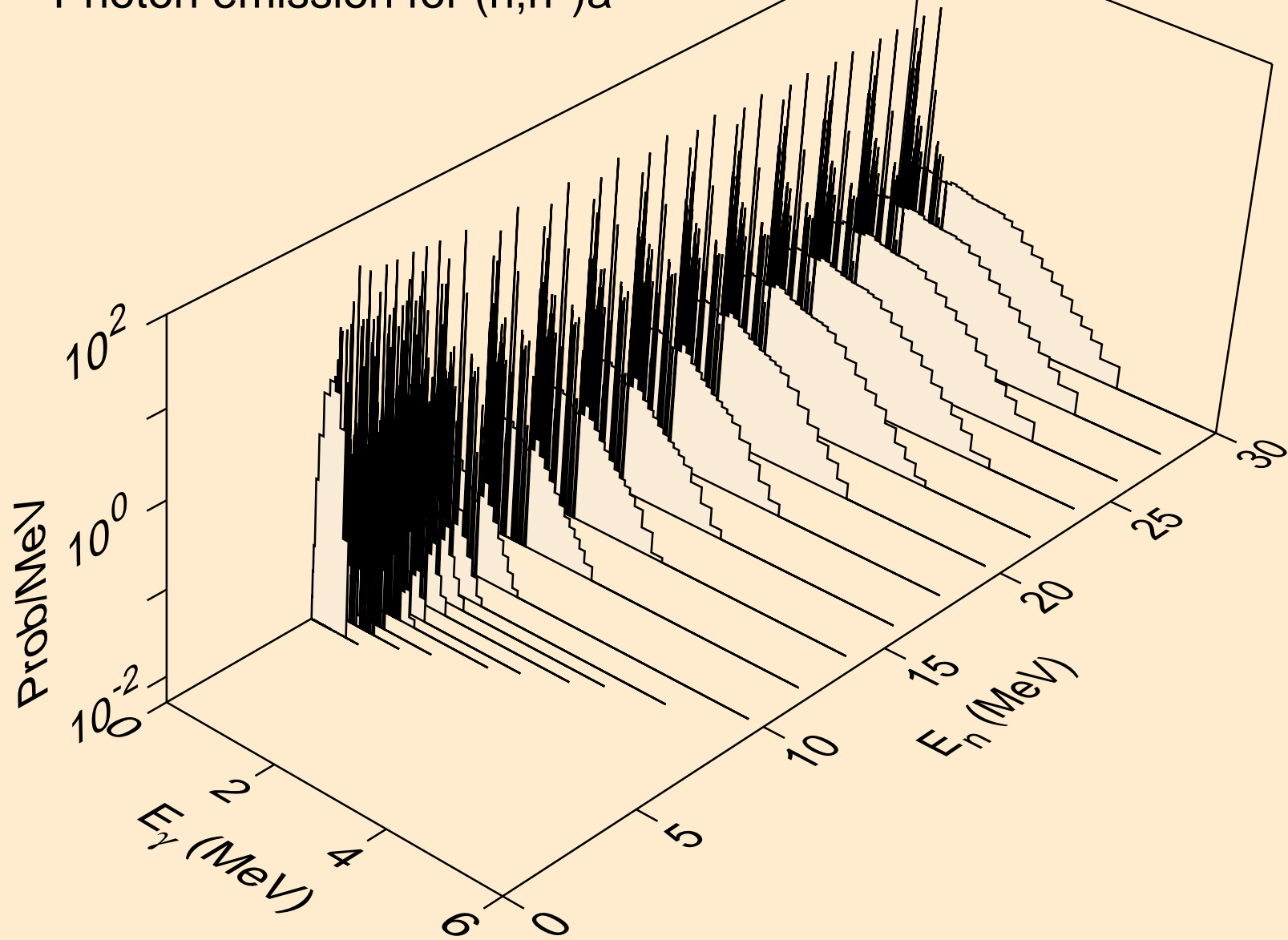
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



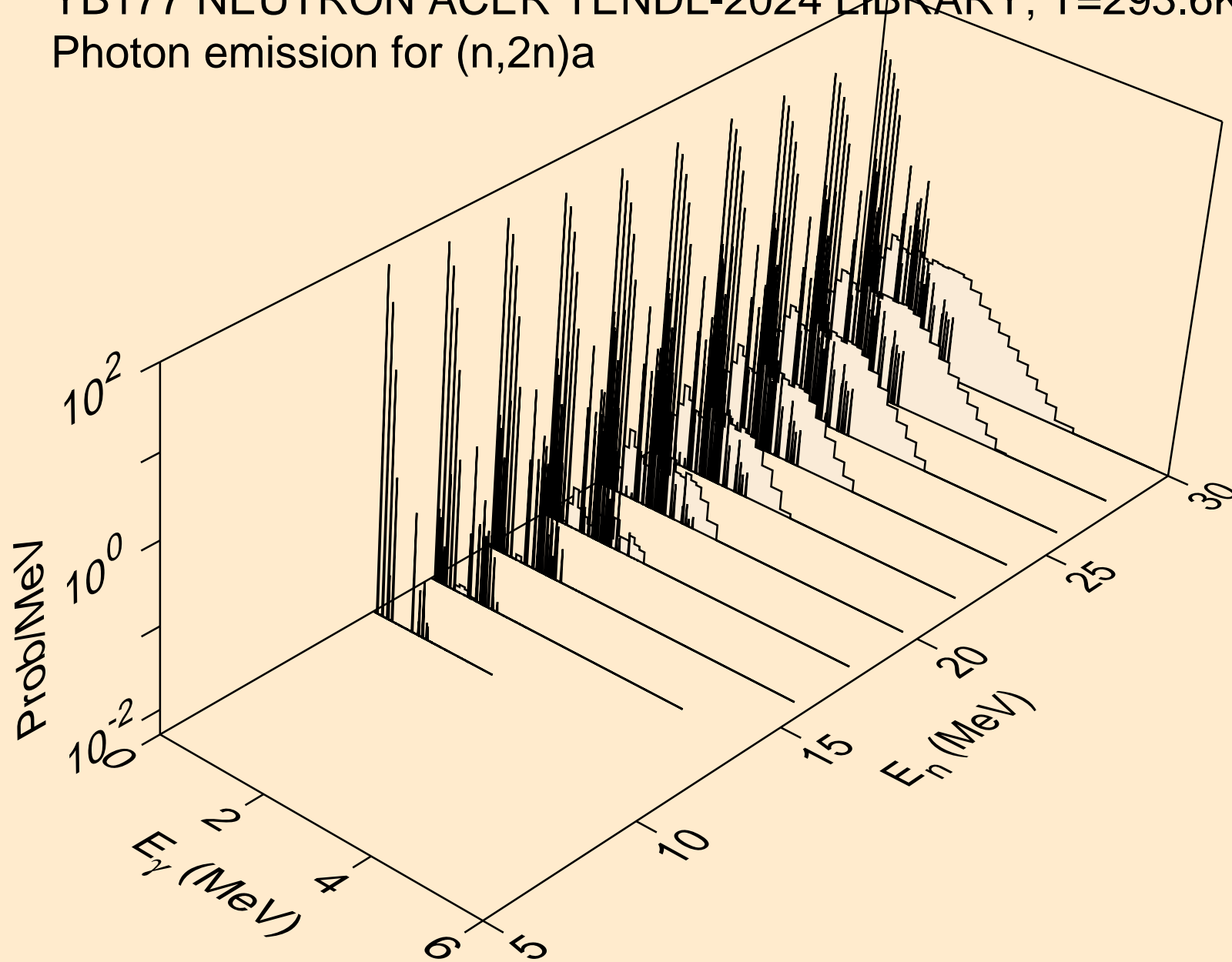
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



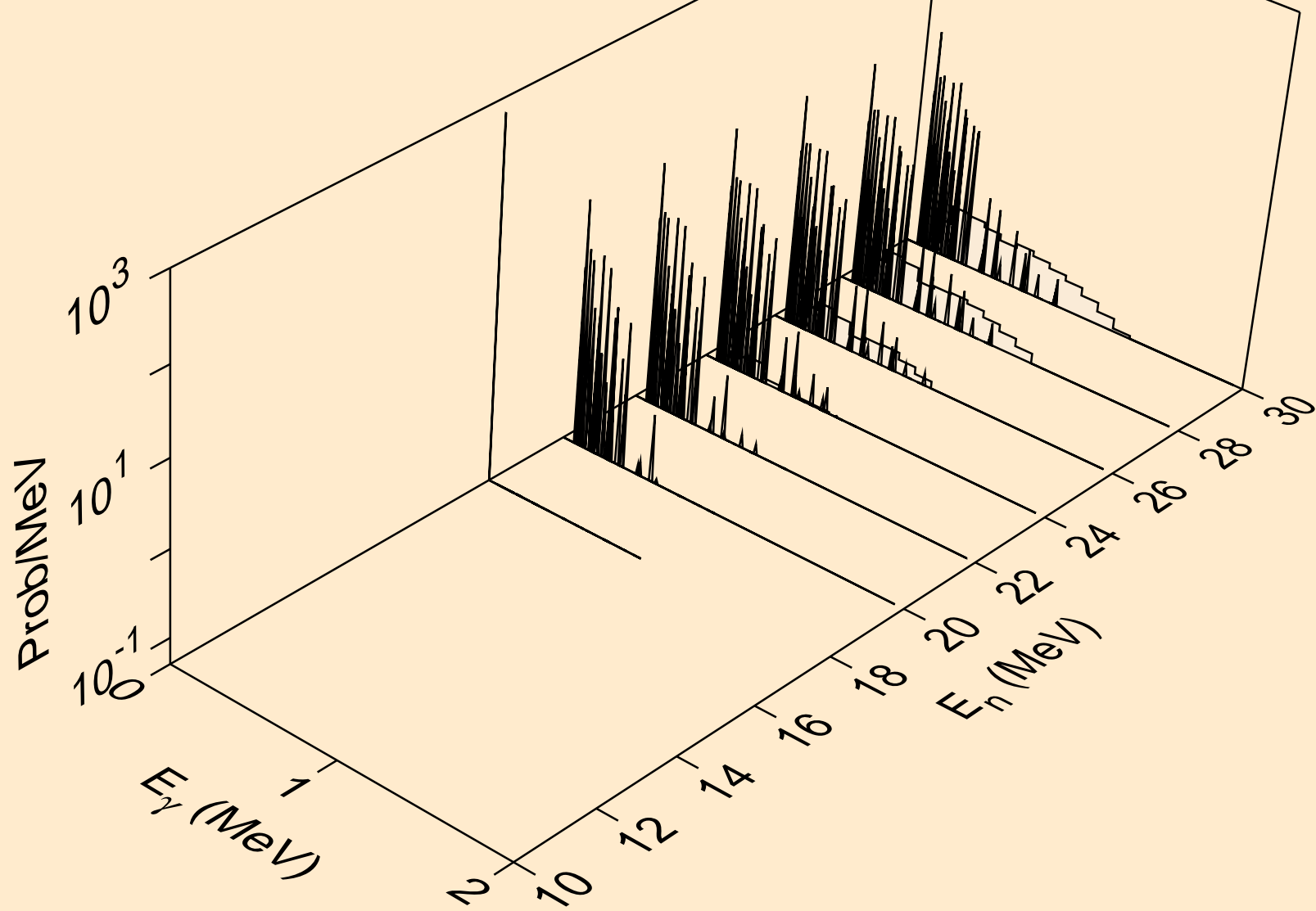
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



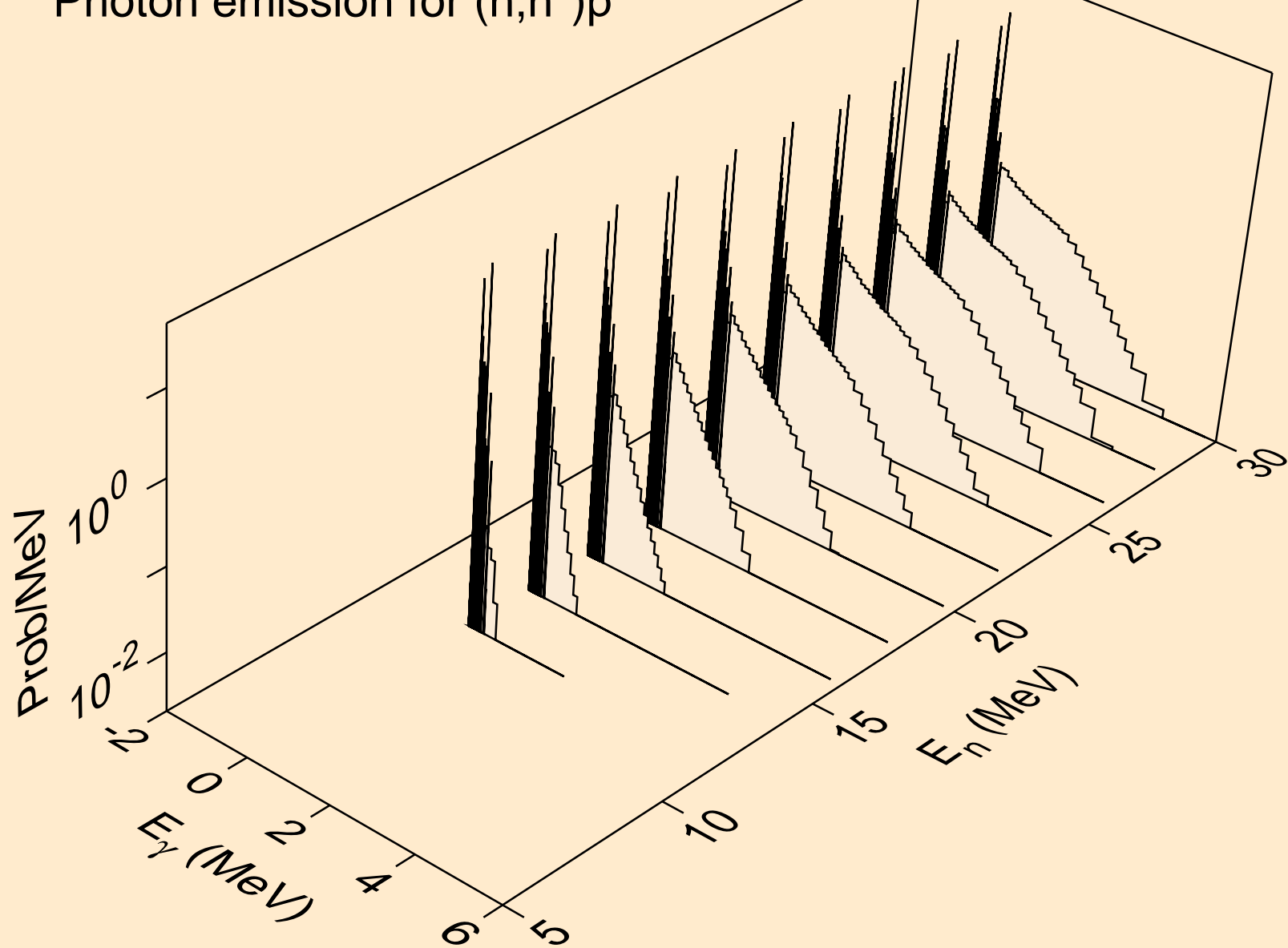
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



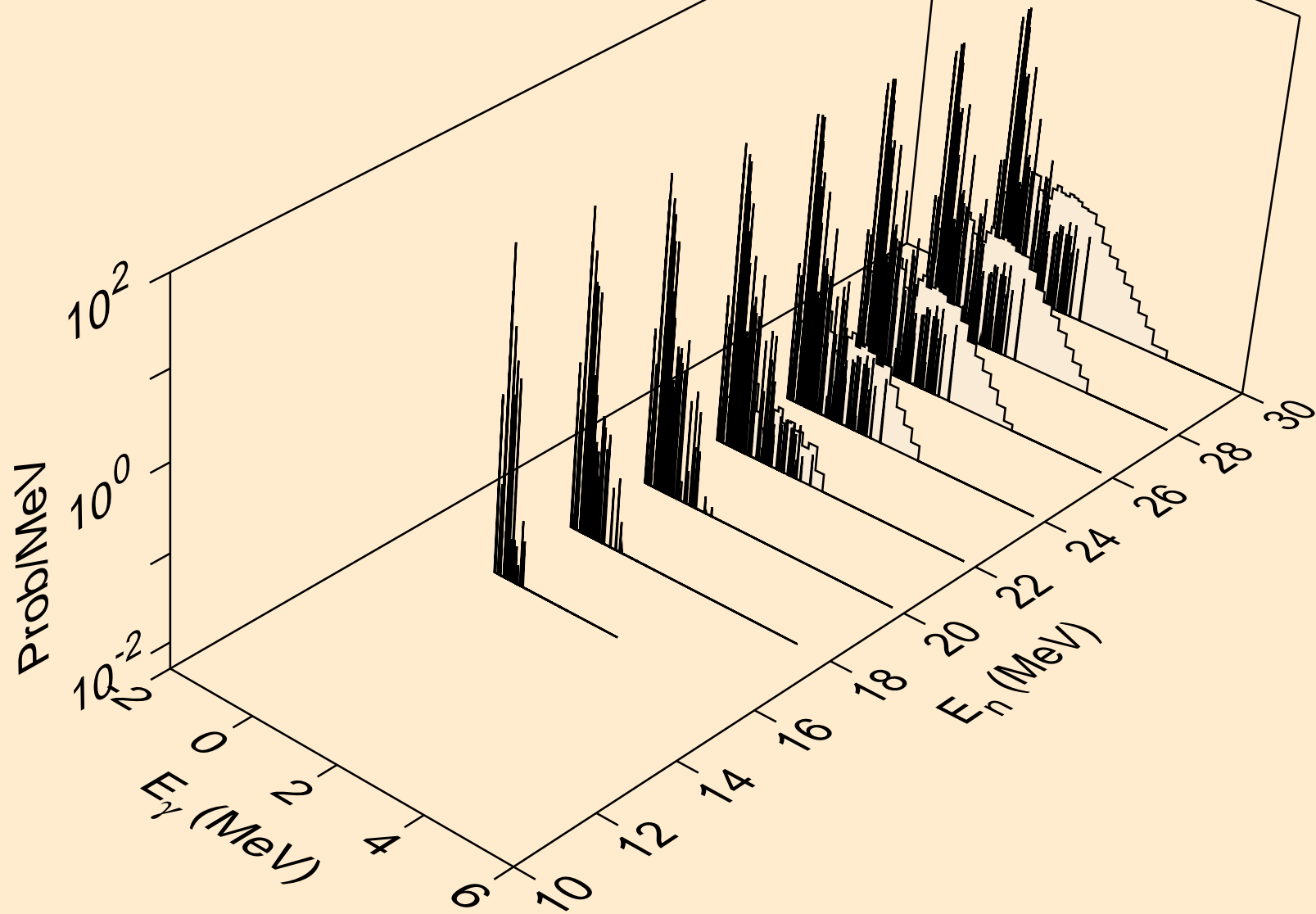
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



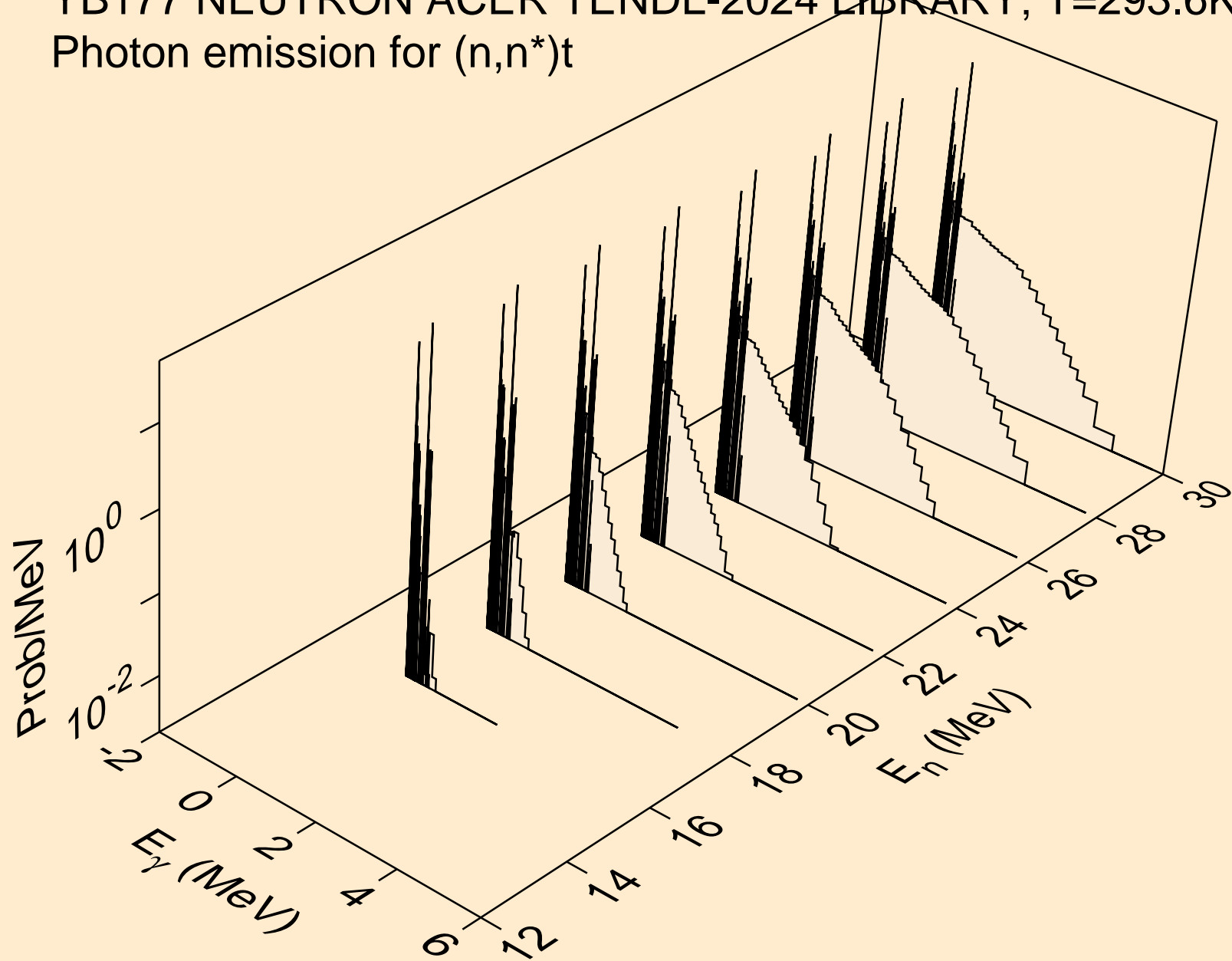
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



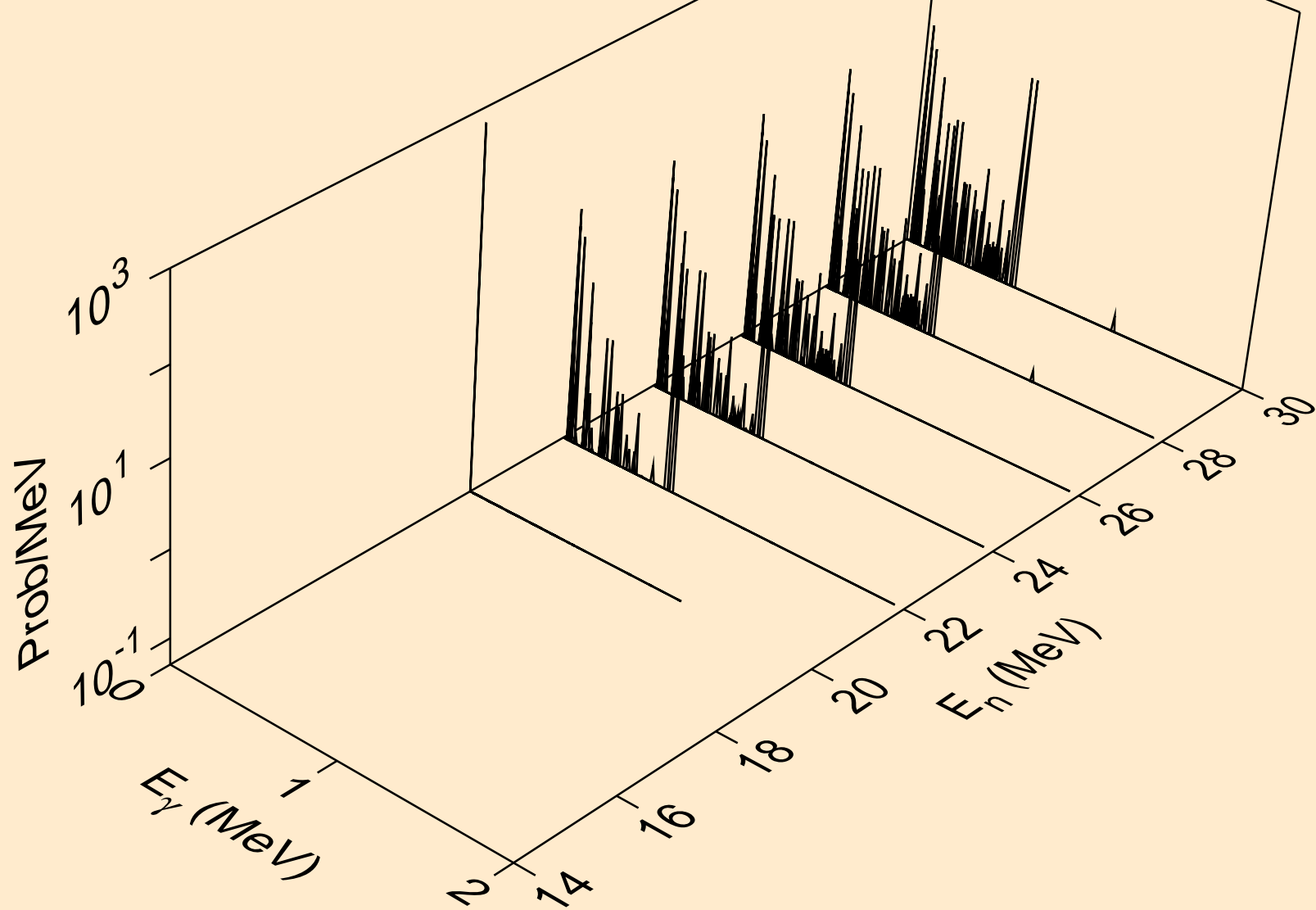
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



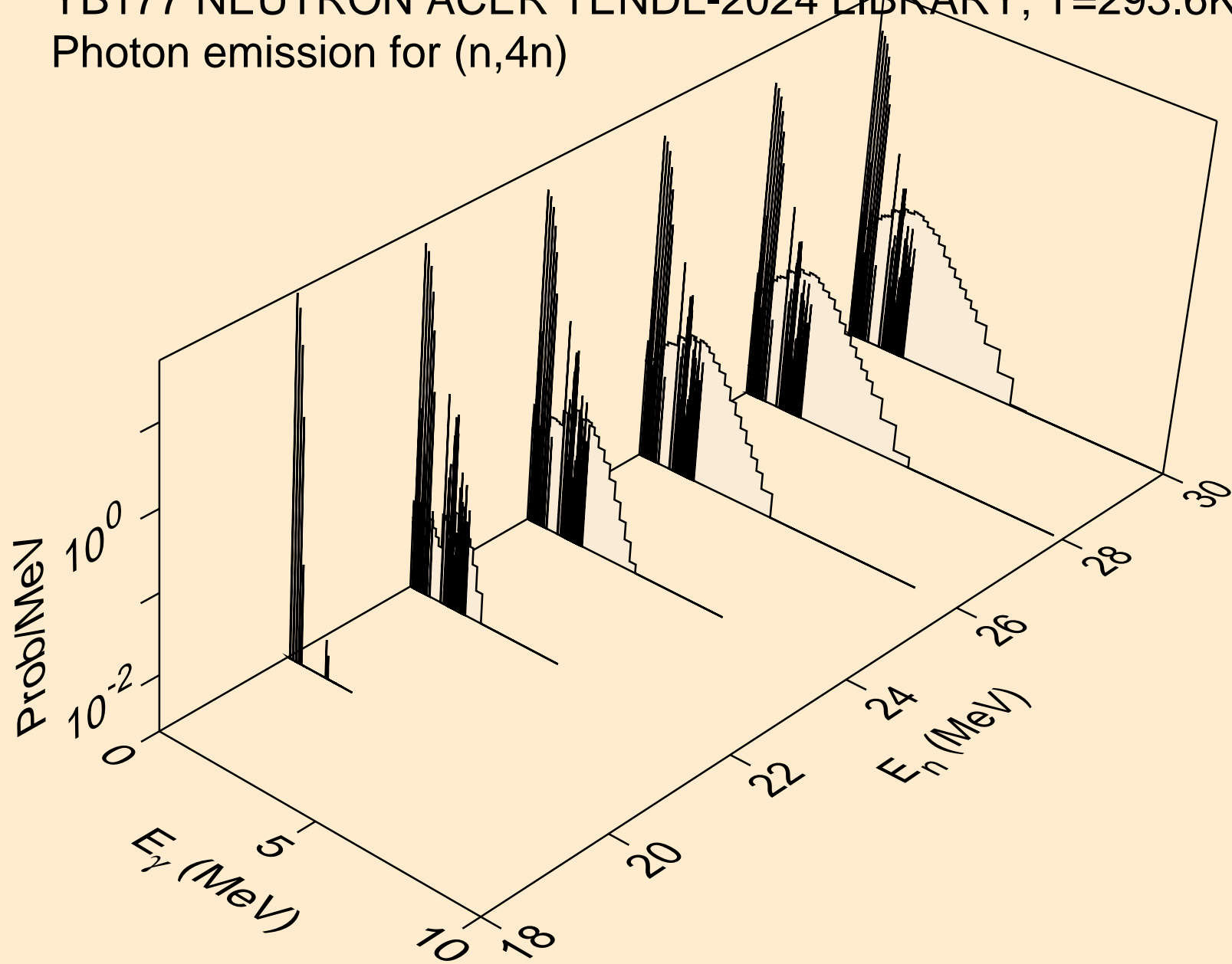
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



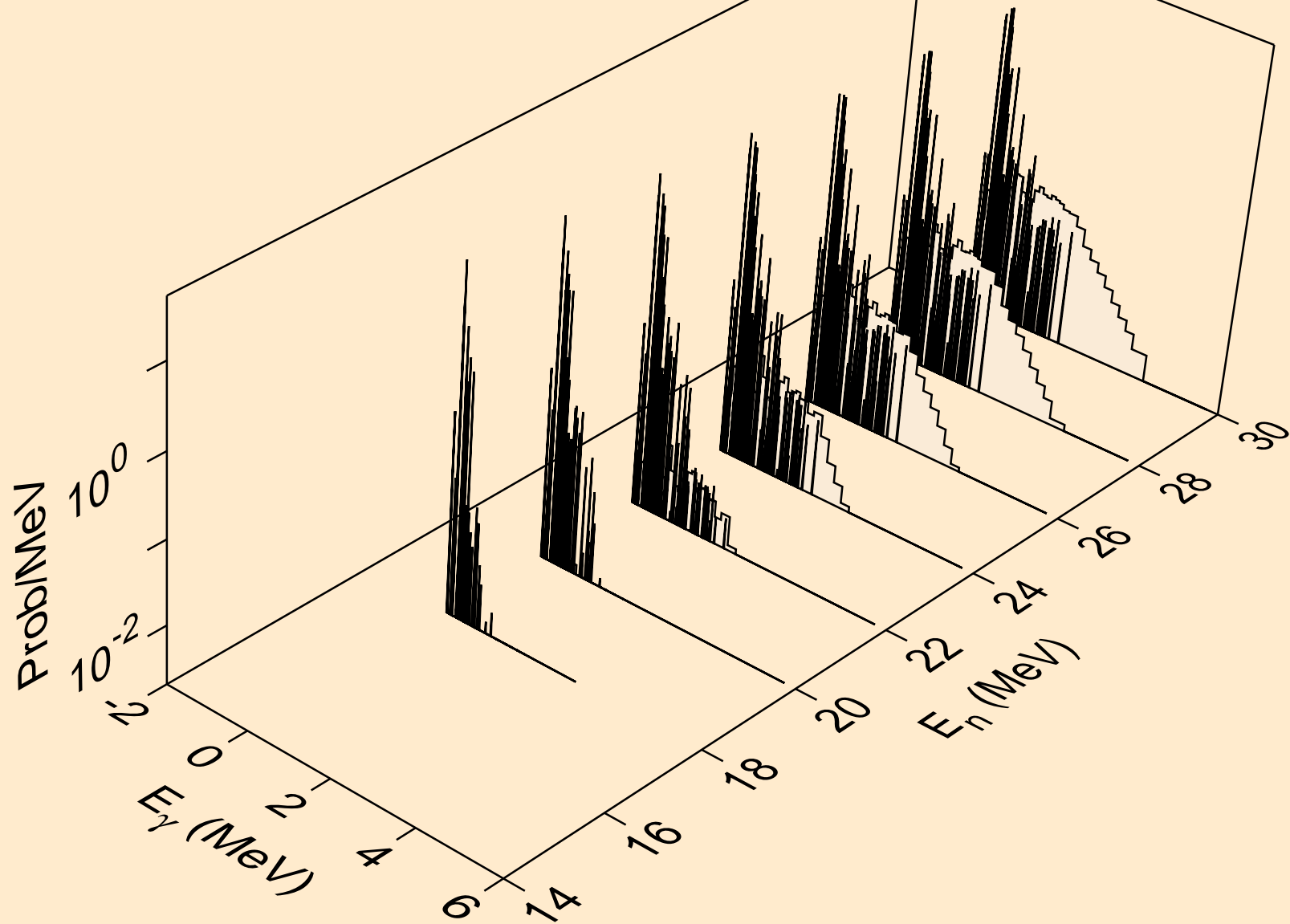
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



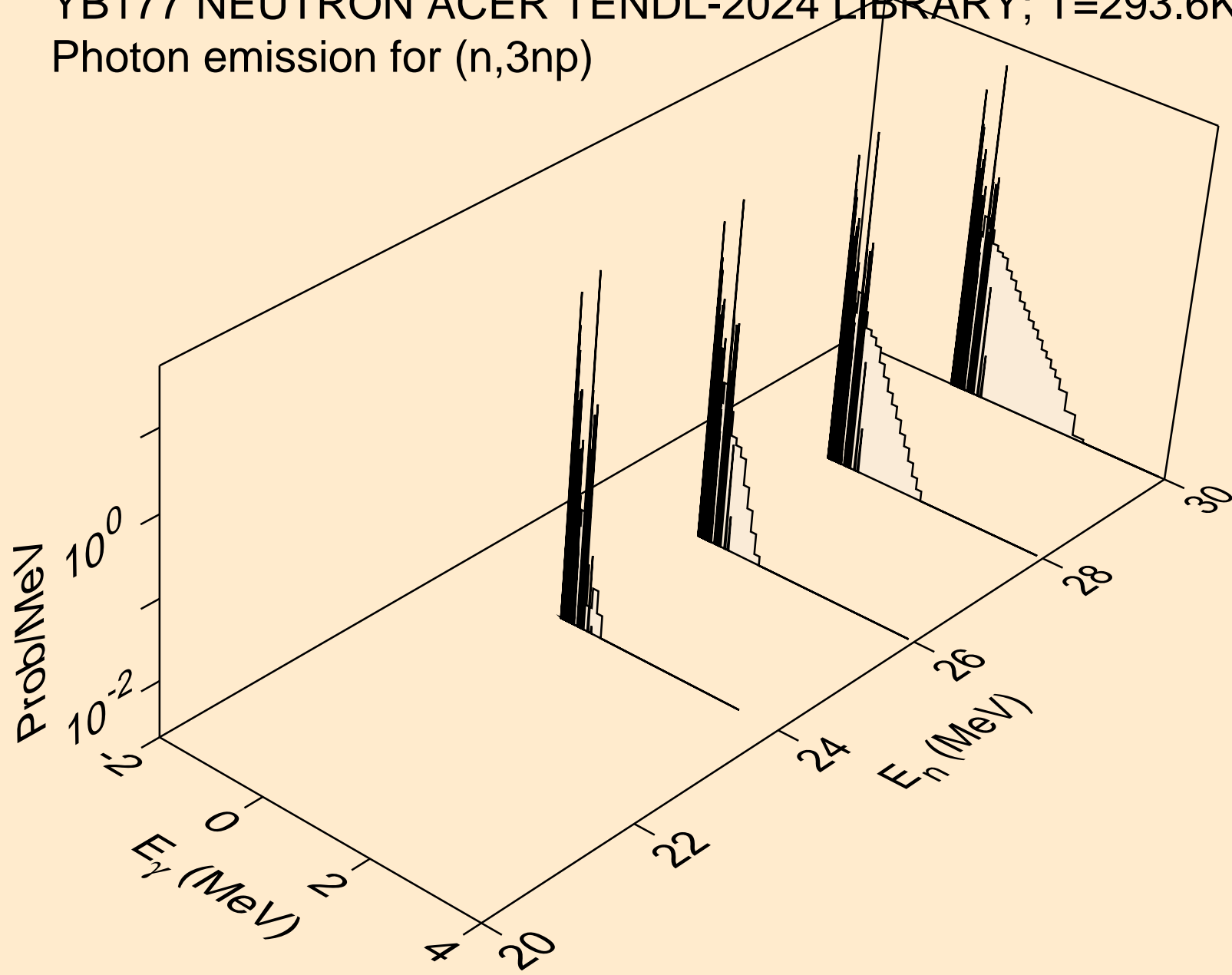
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



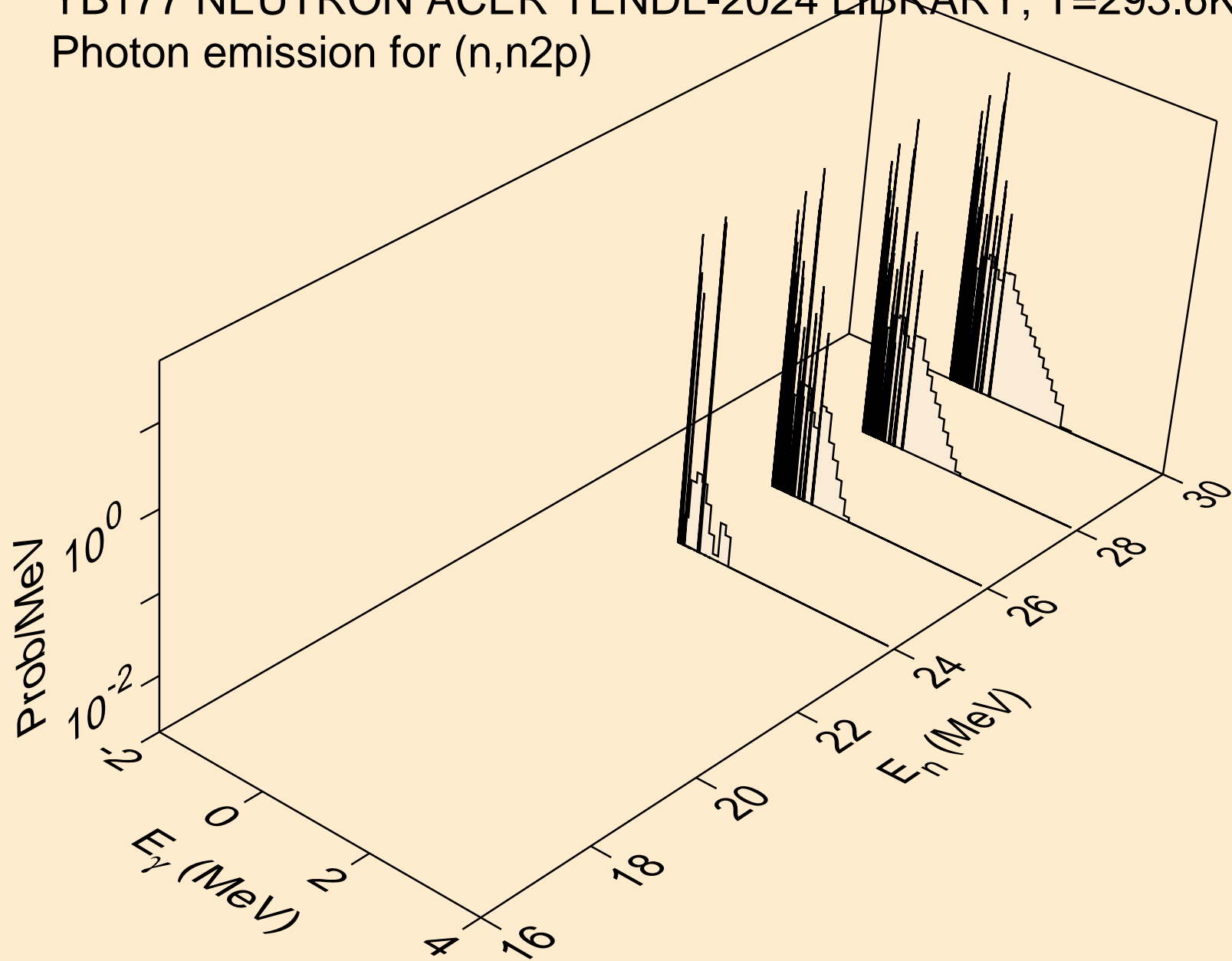
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



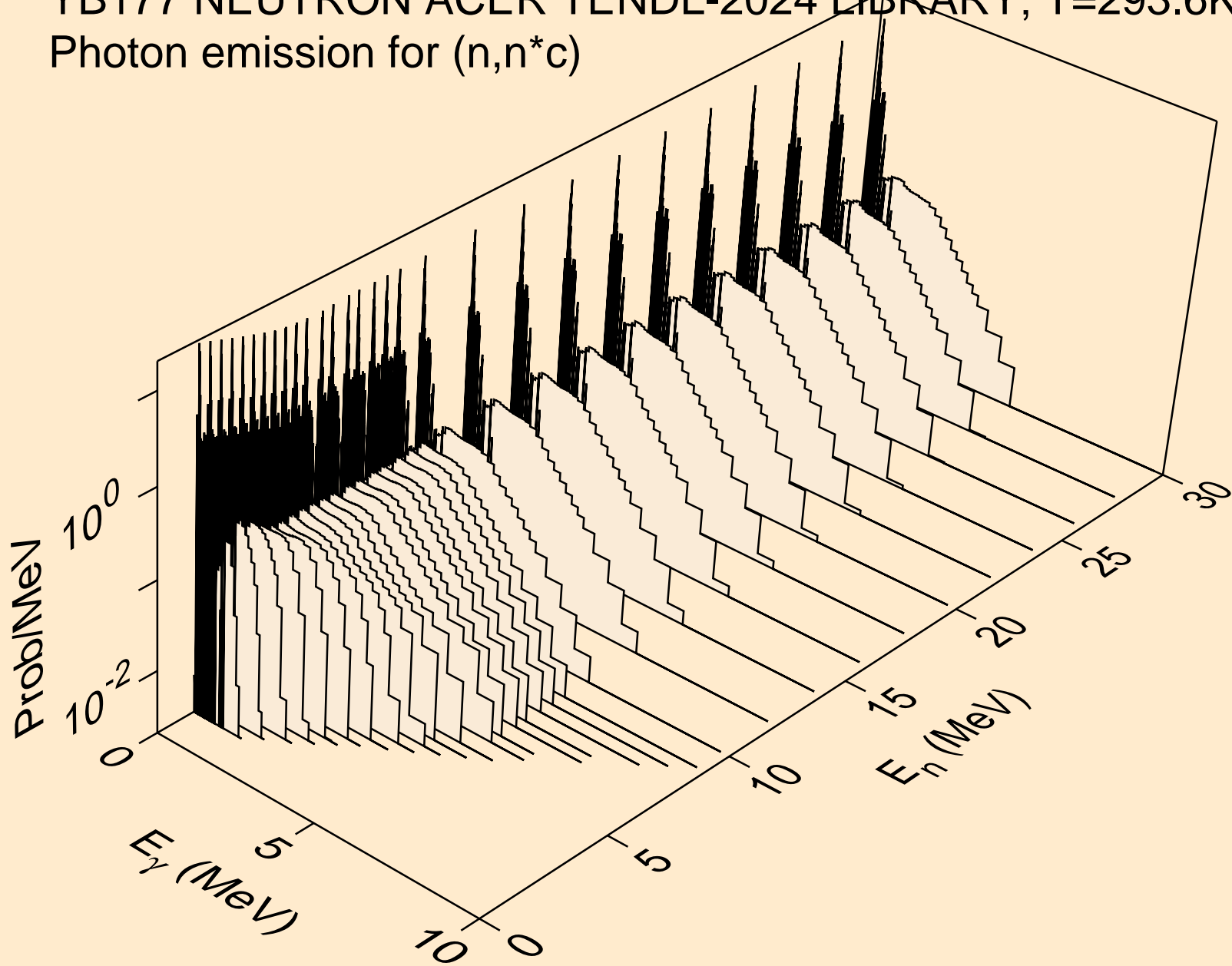
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



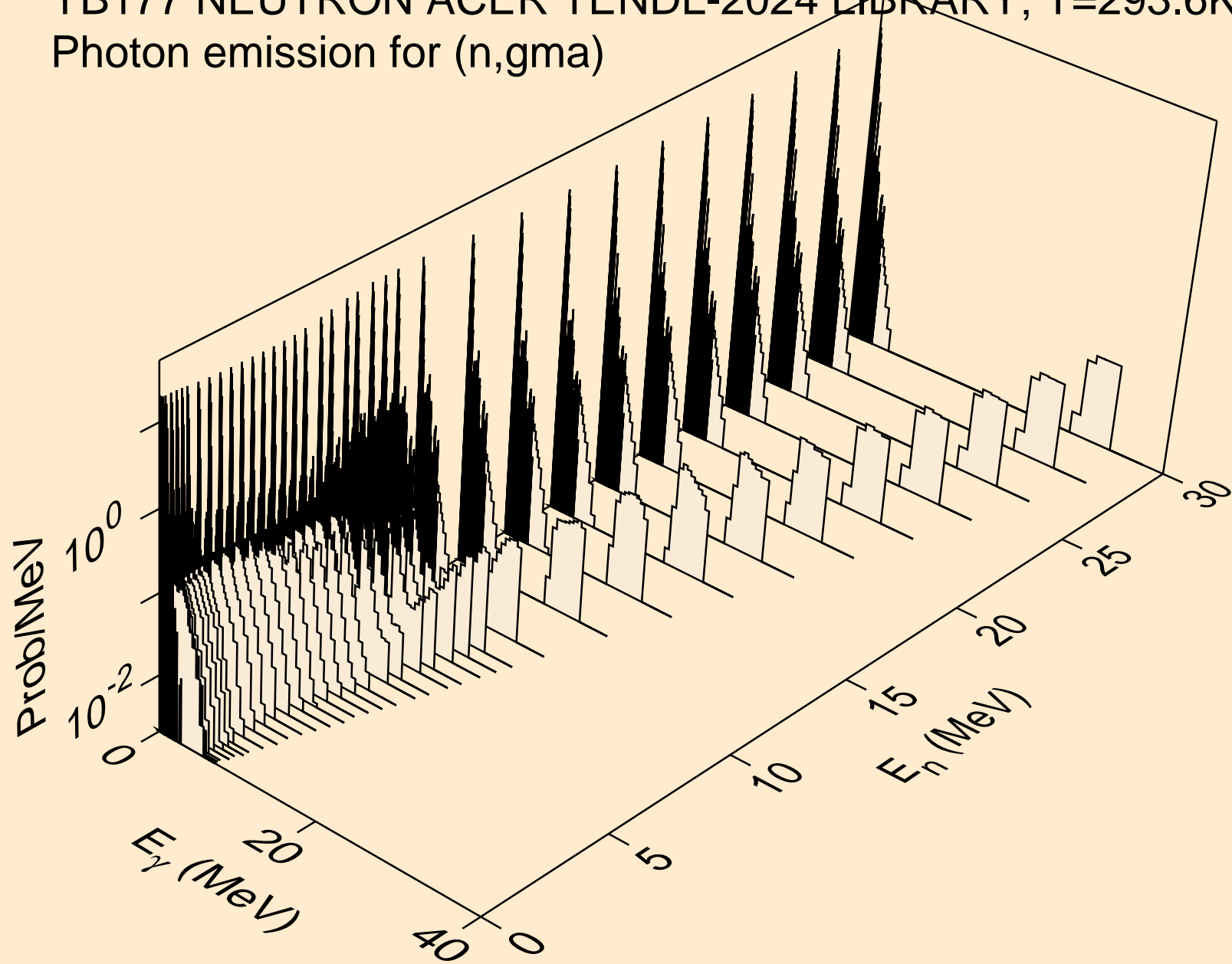
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



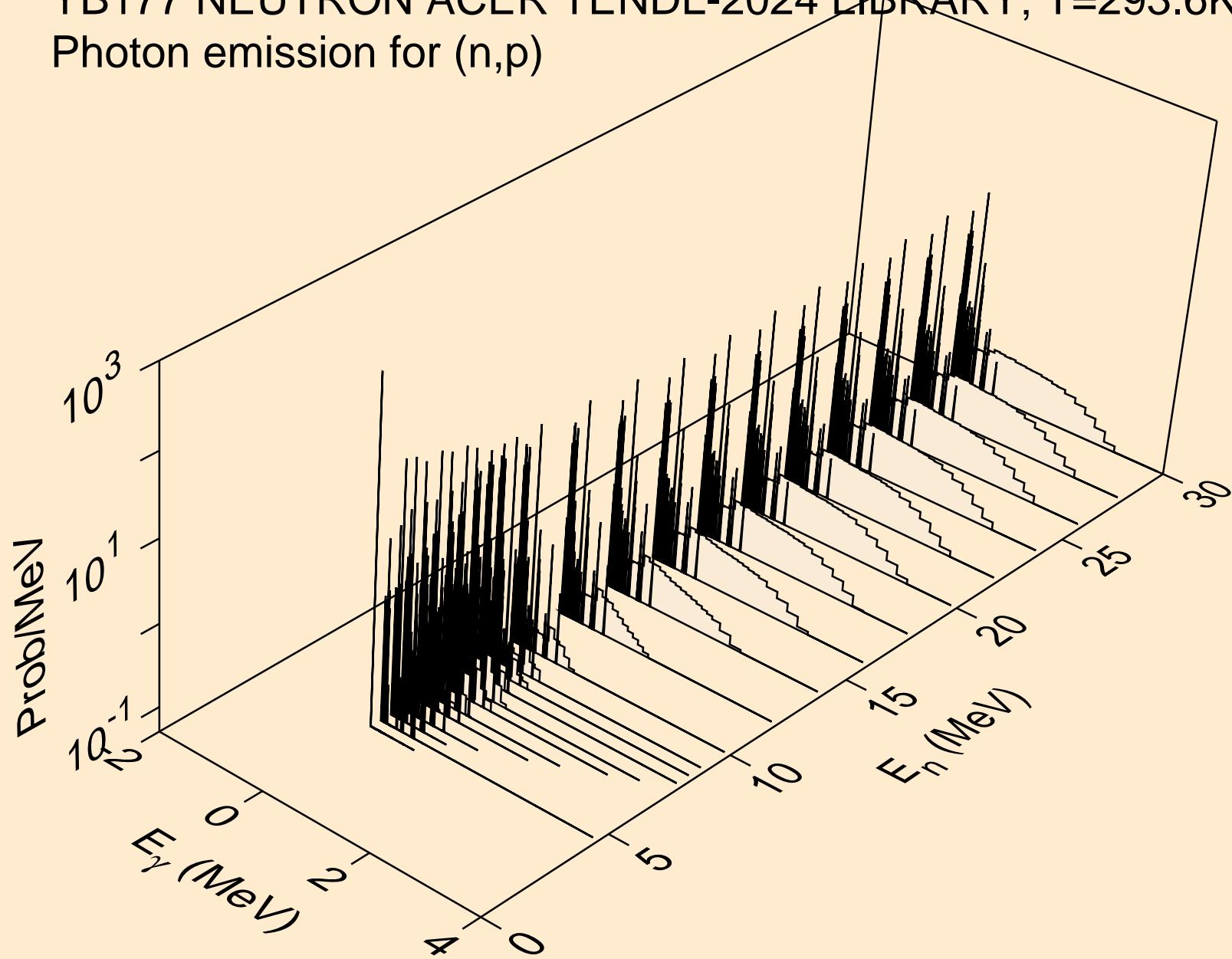
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



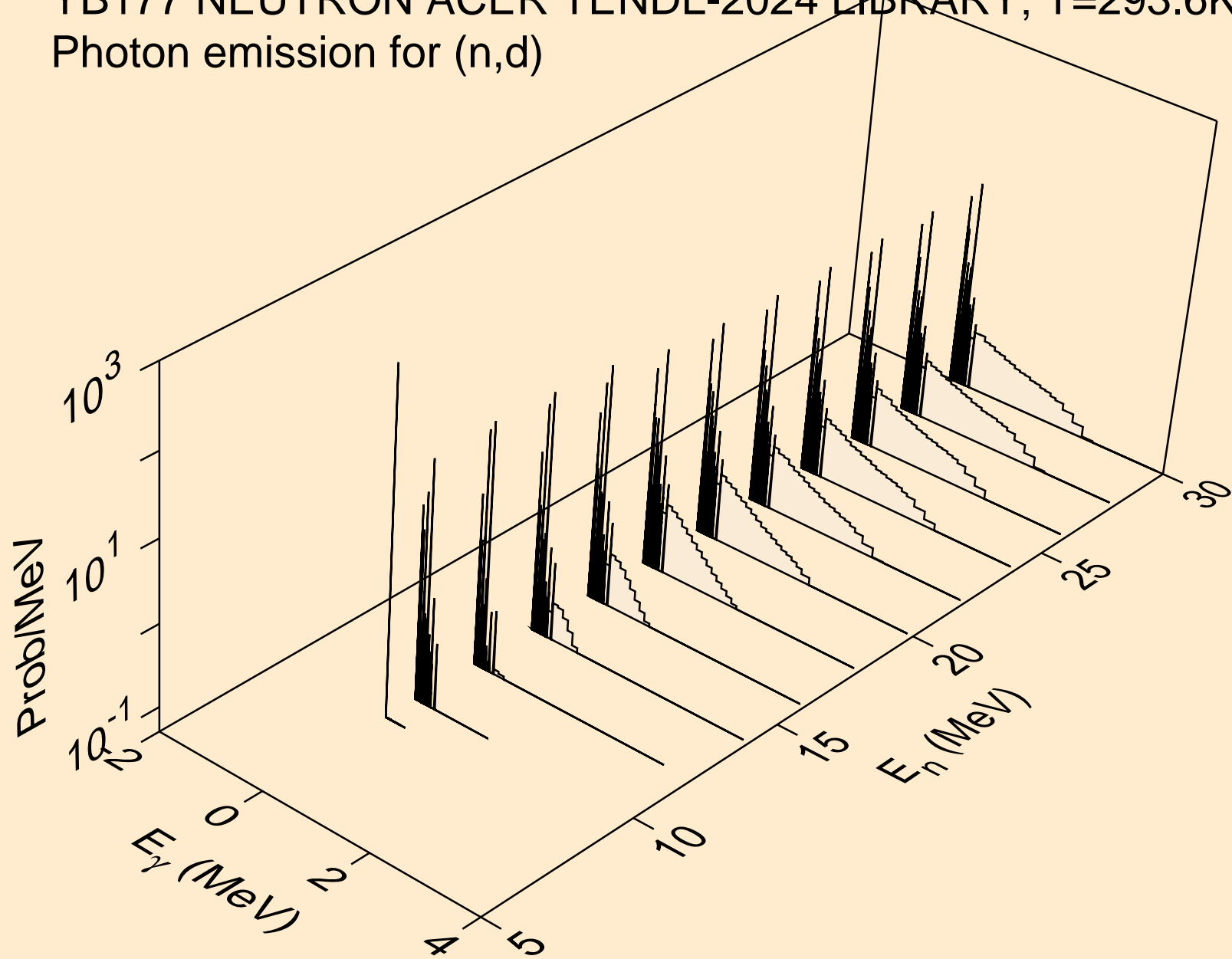
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



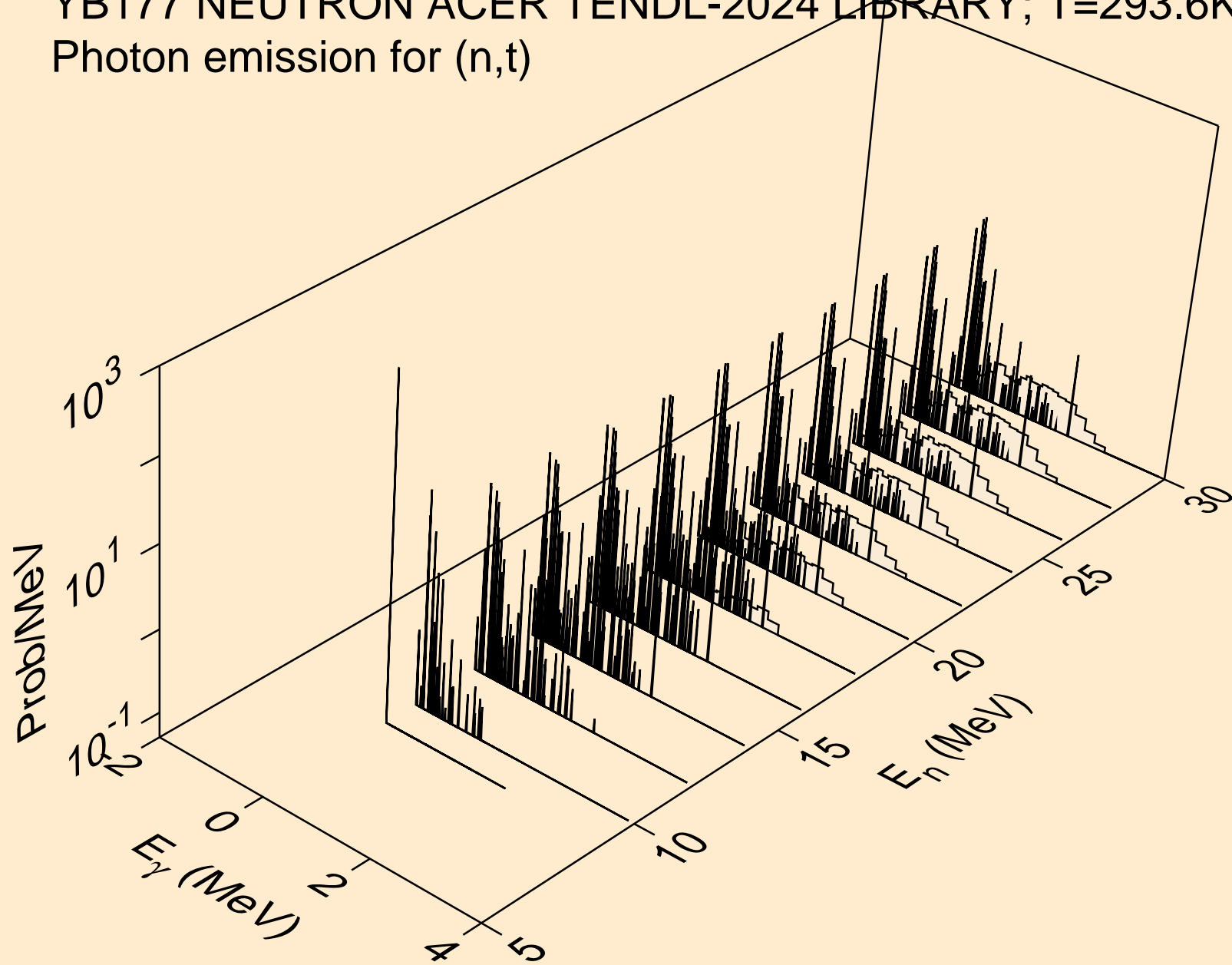
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



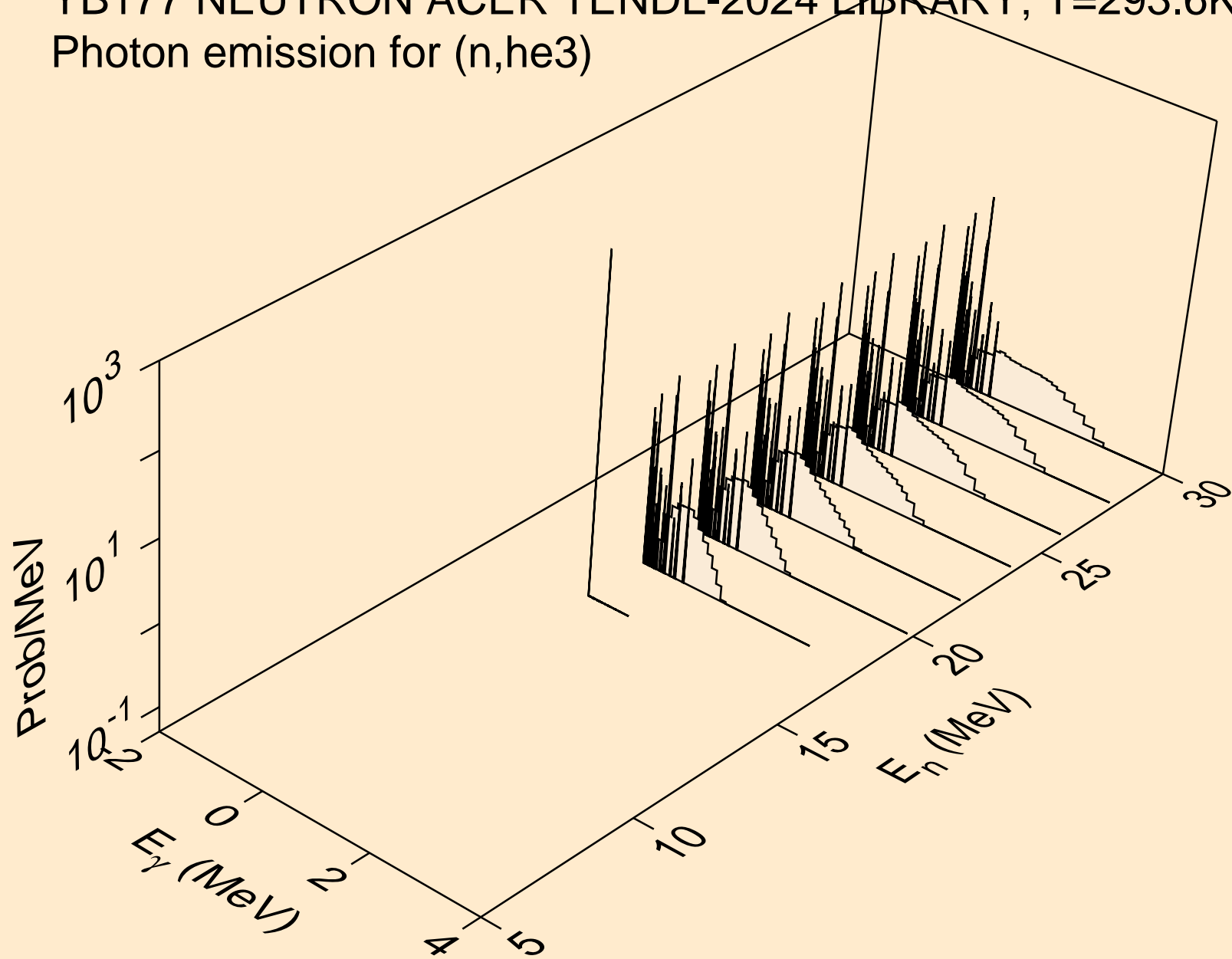
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



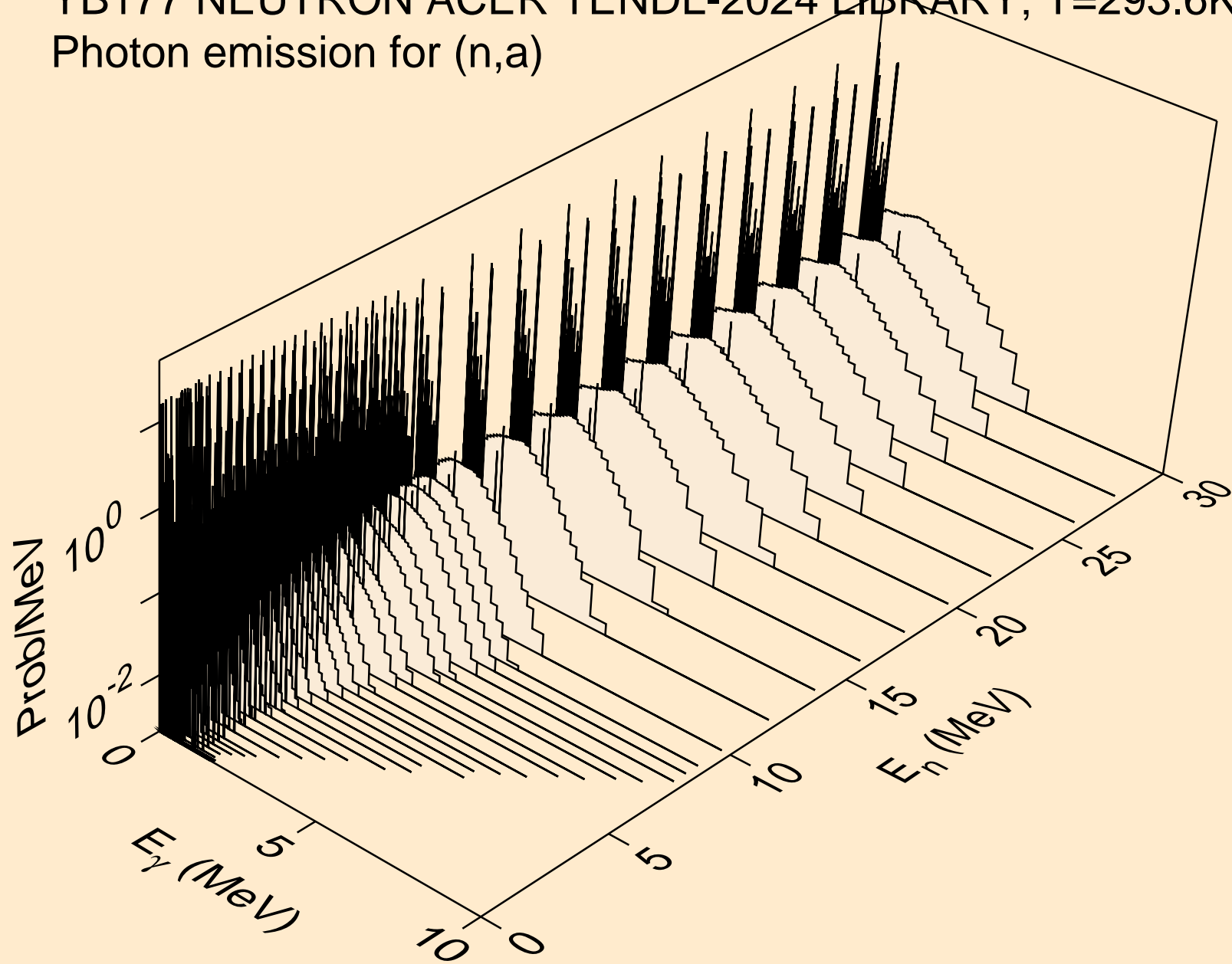
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



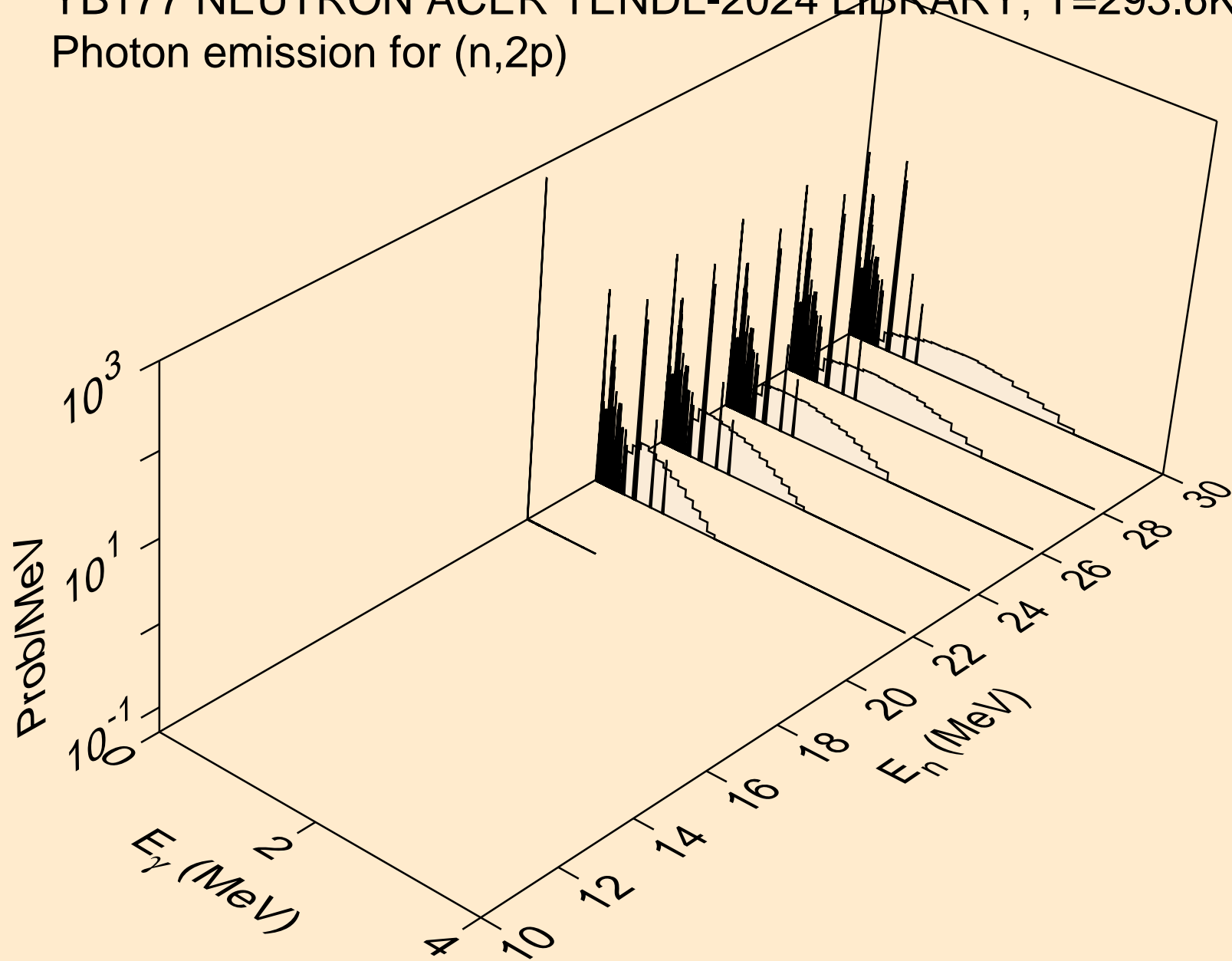
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



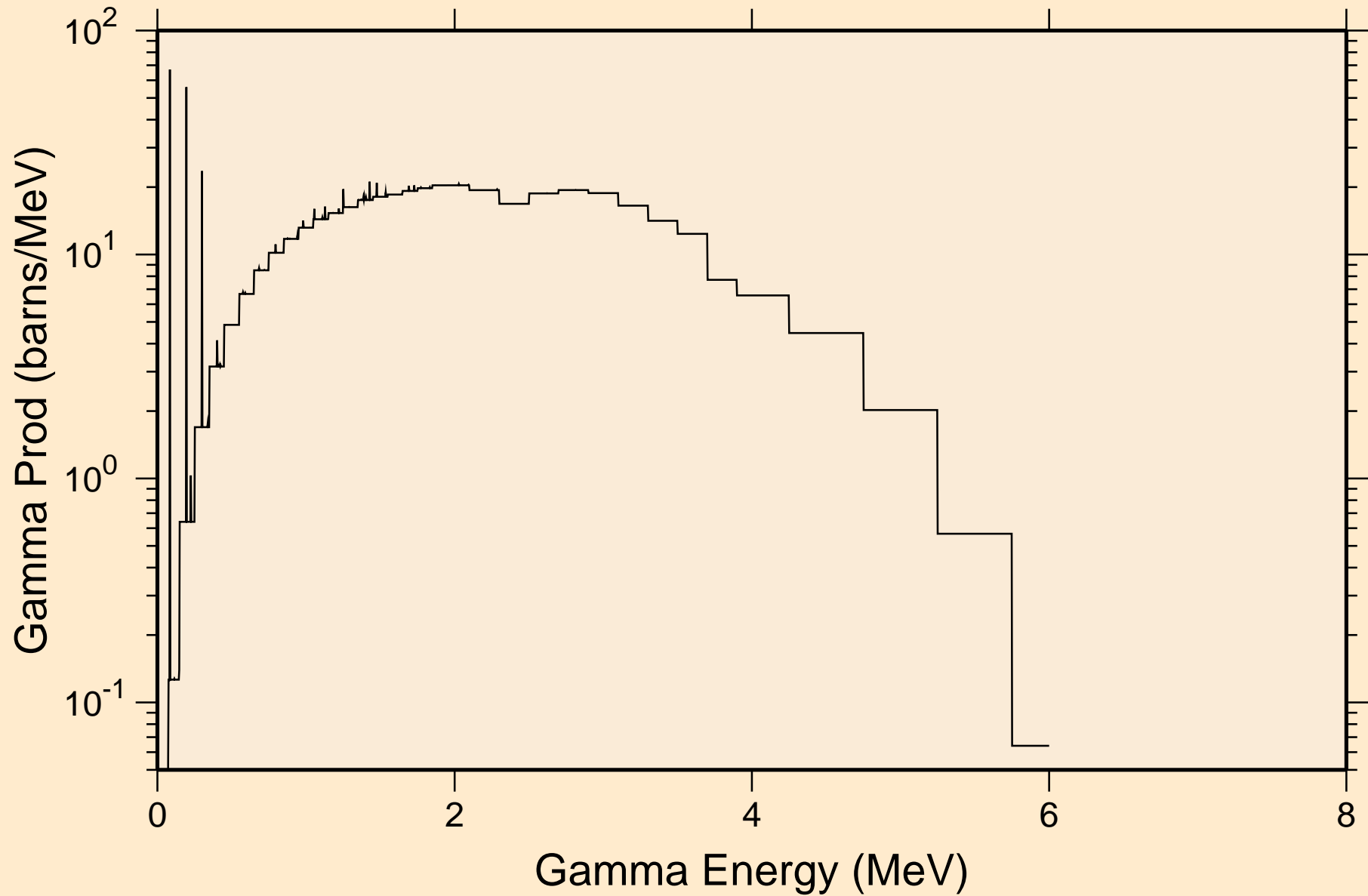
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



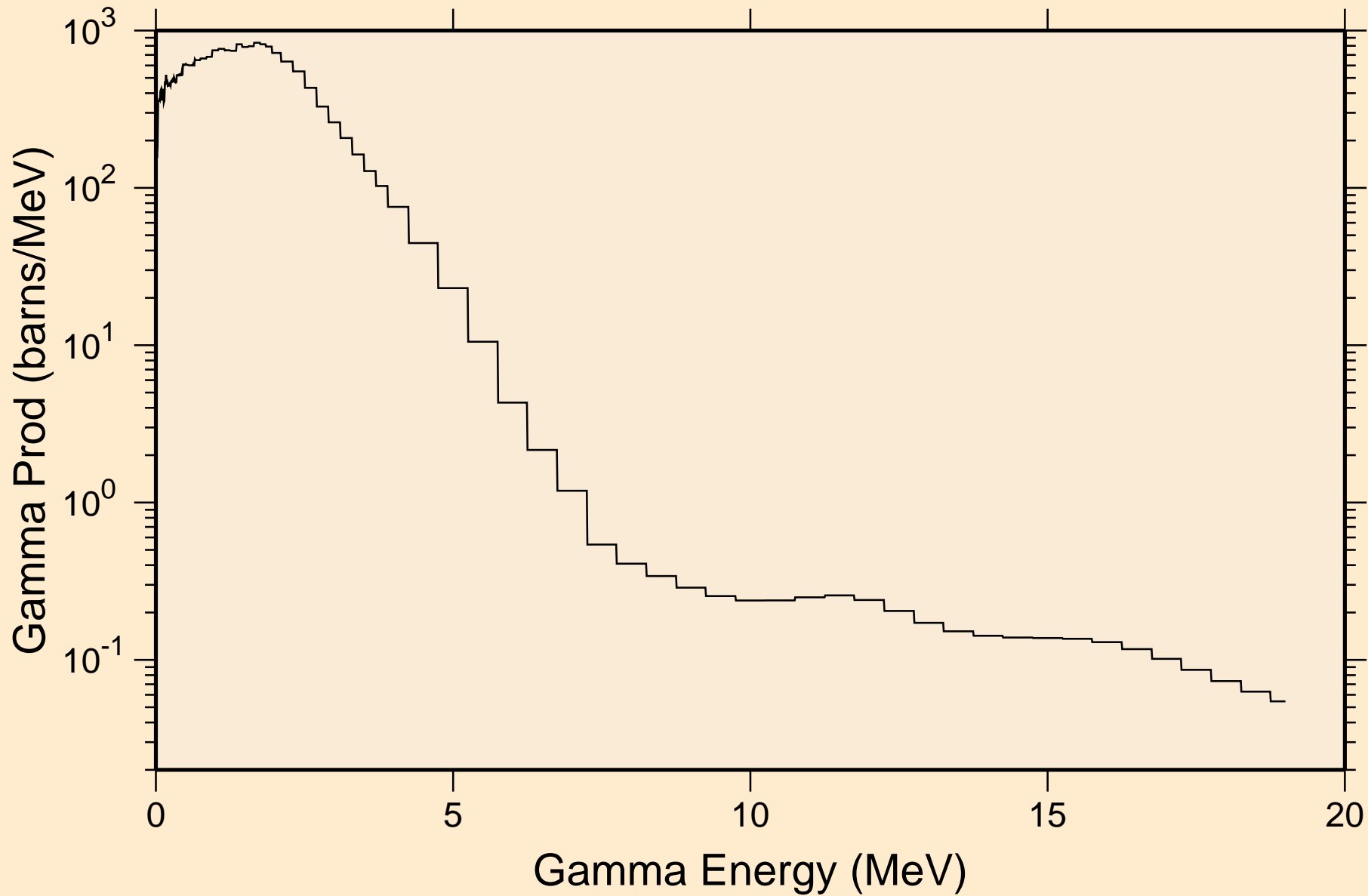
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



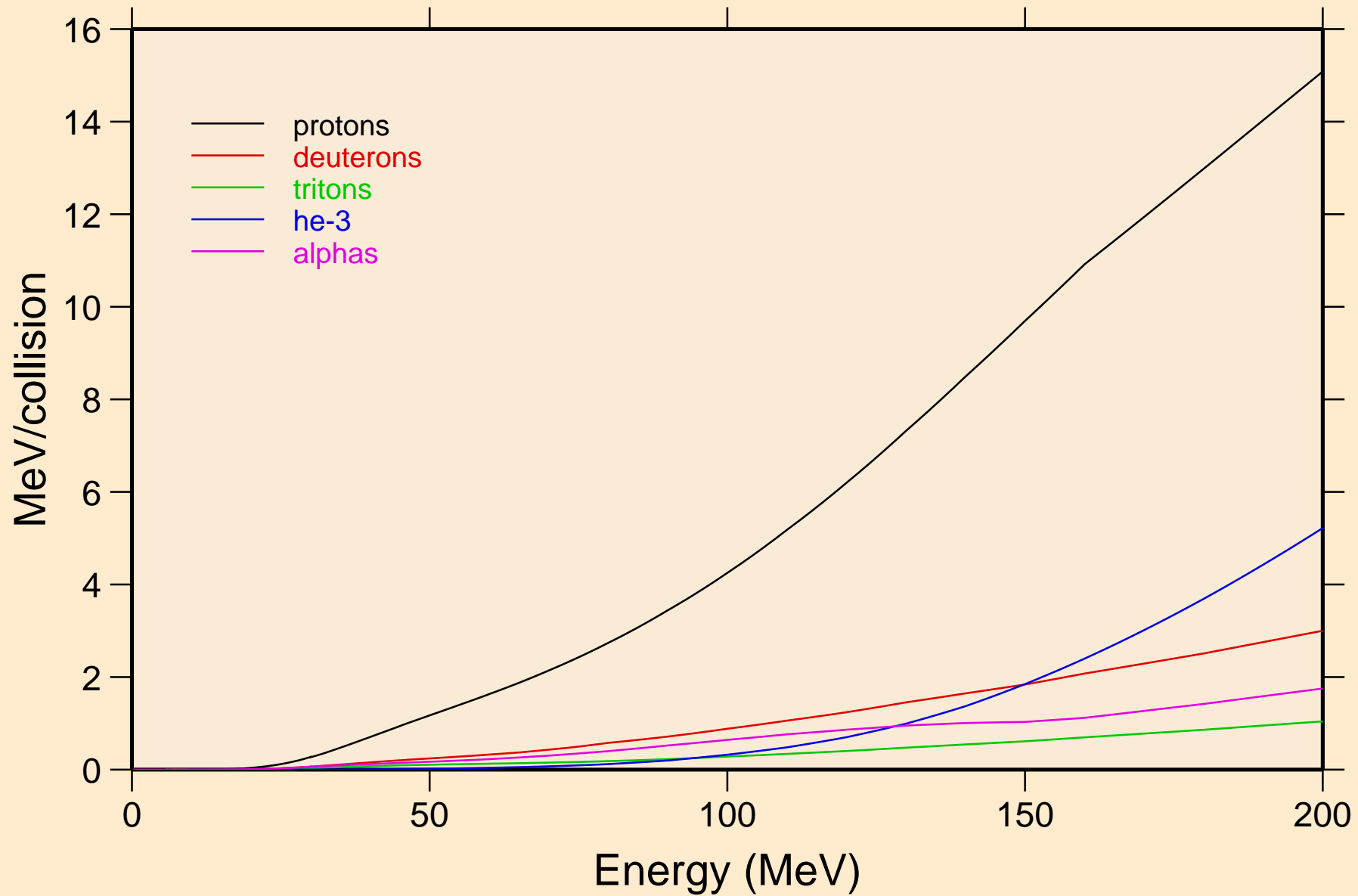
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



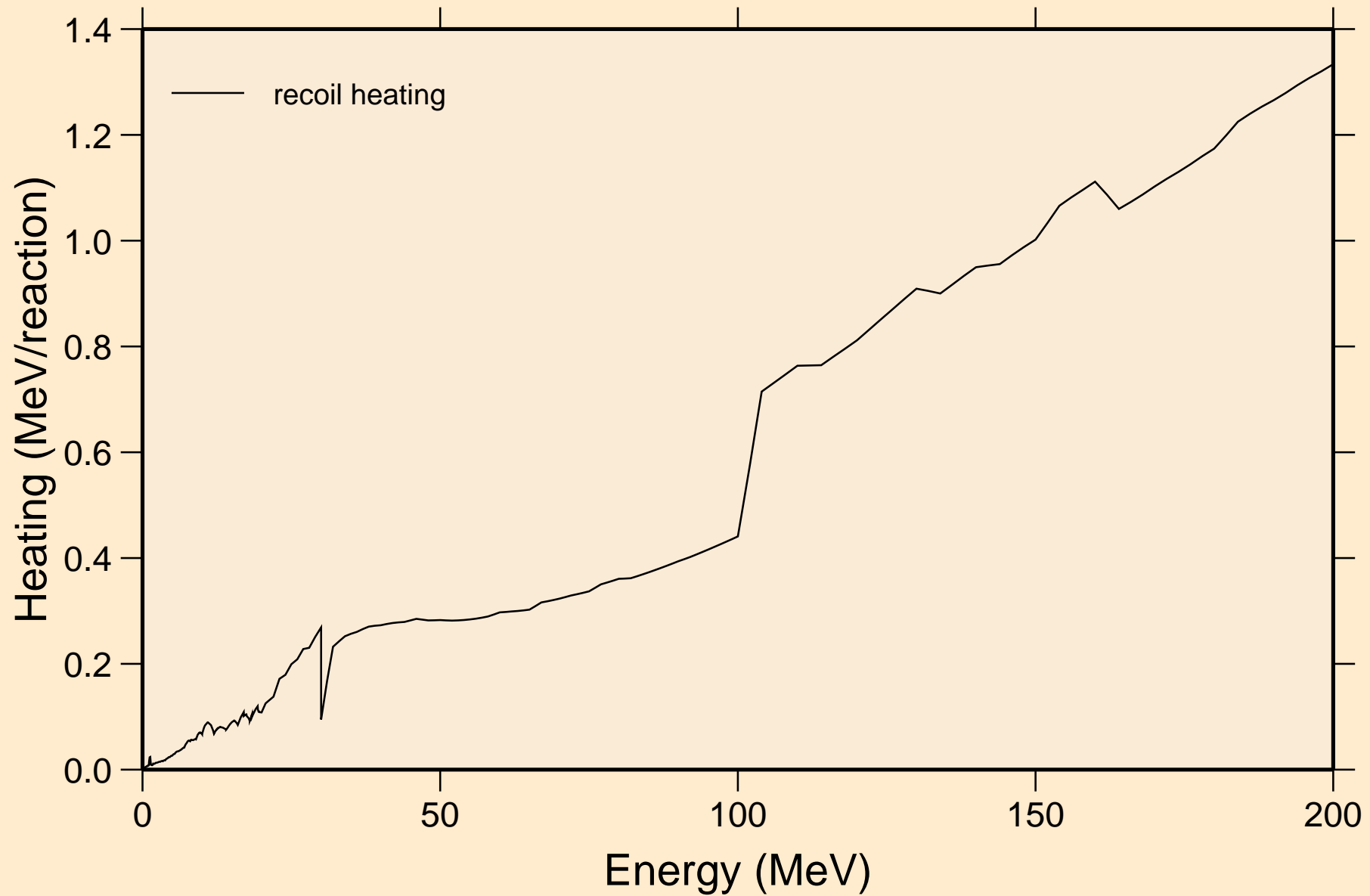
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions

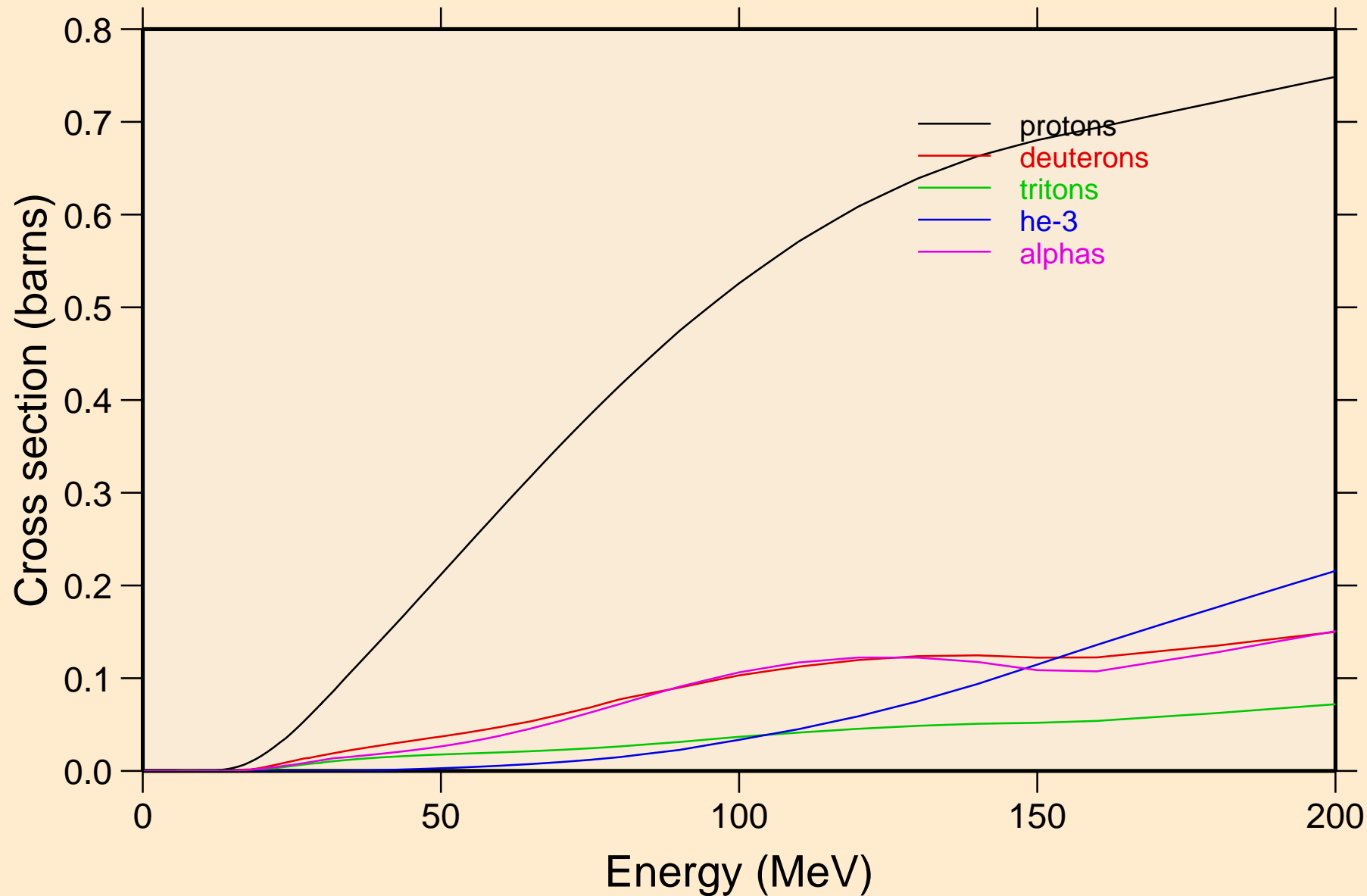


YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

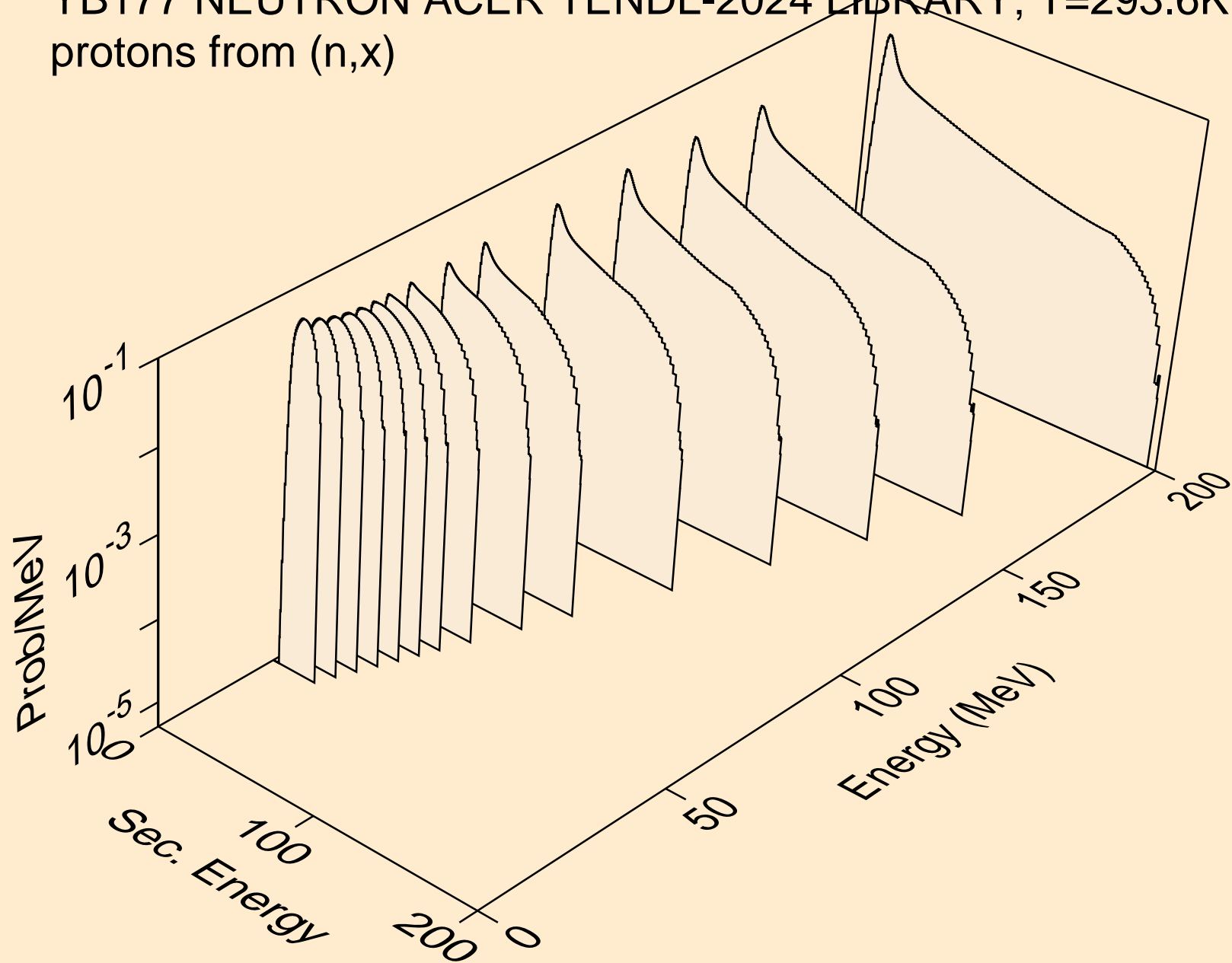


# YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

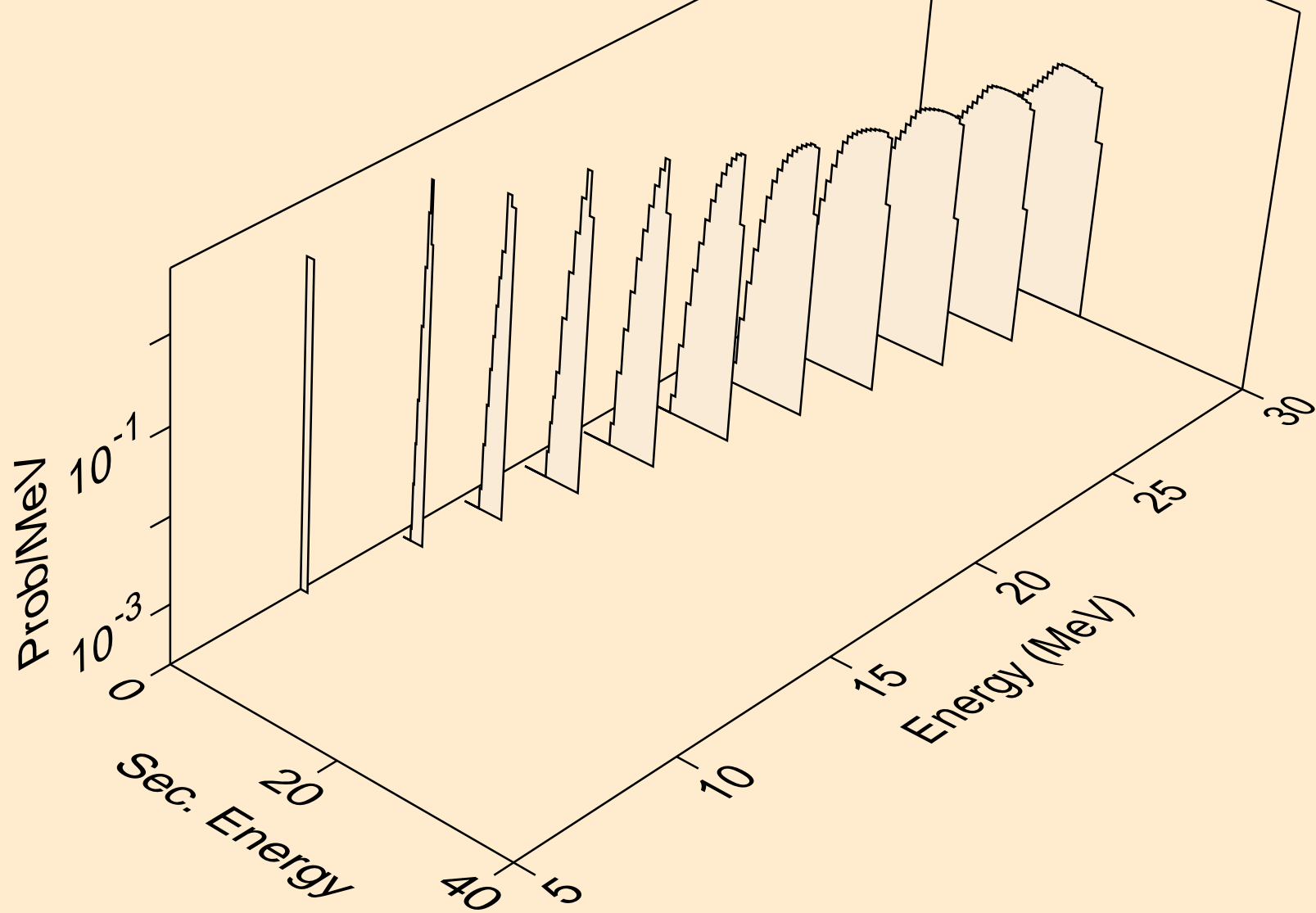
## Particle production cross sections



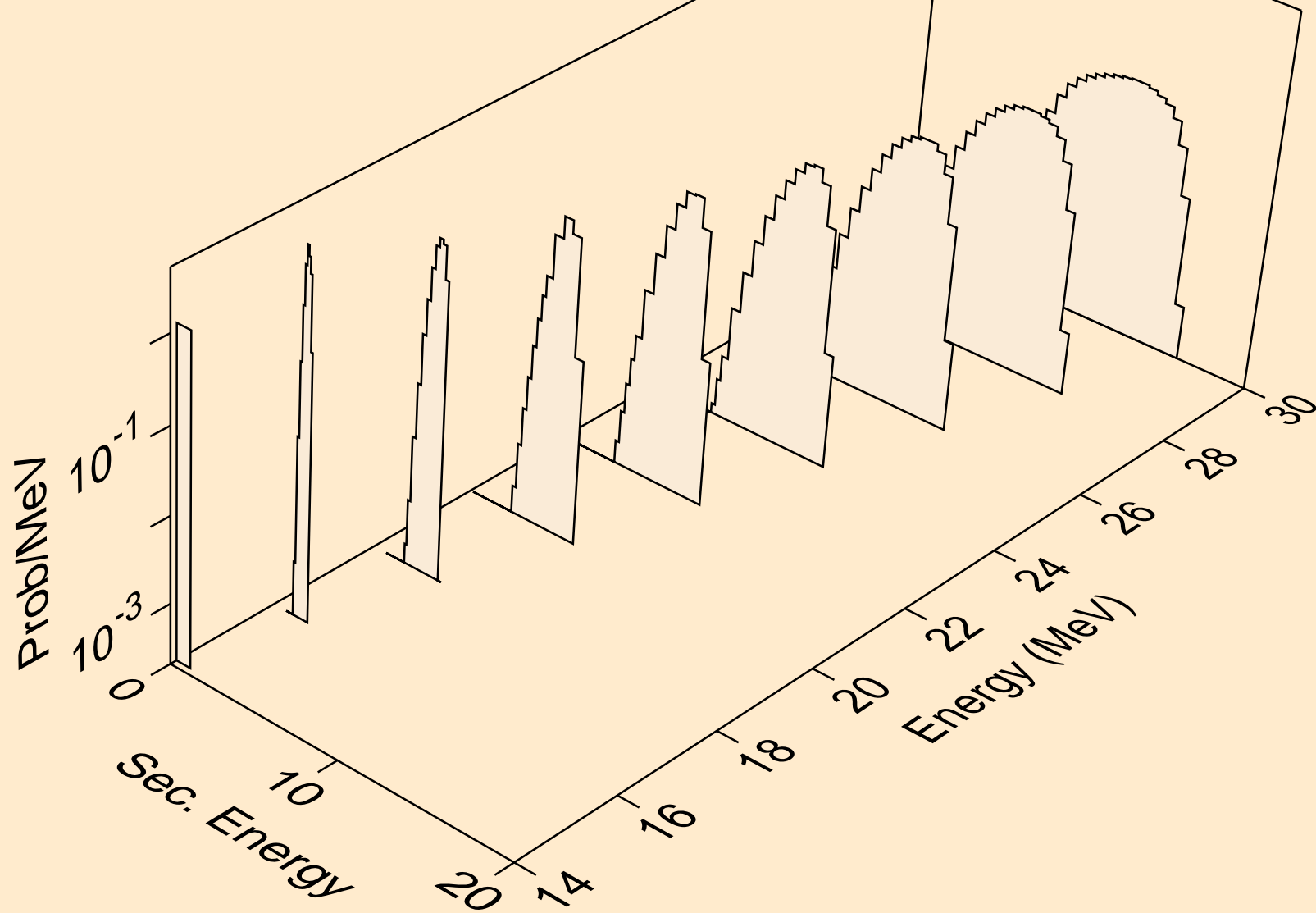
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



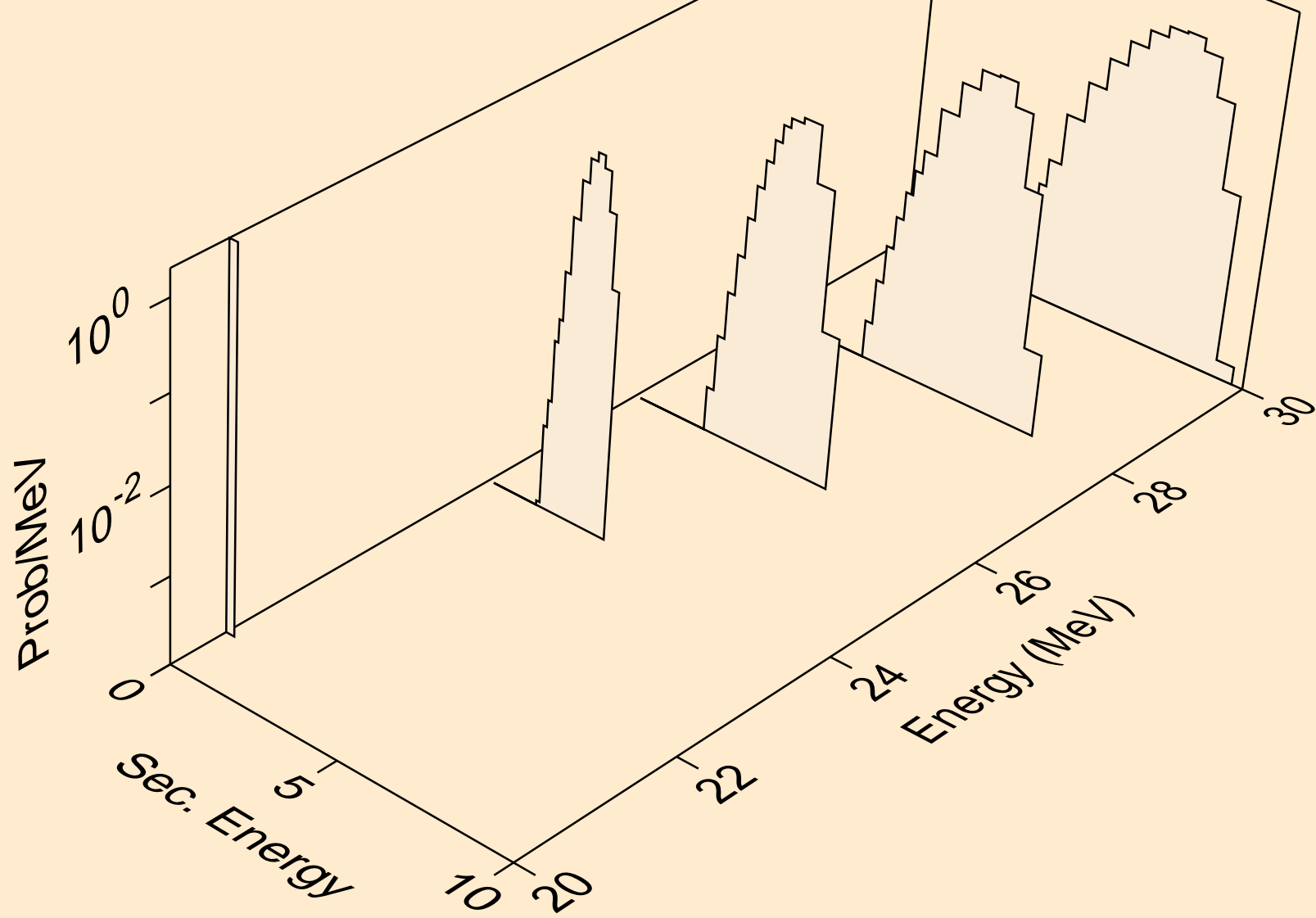
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



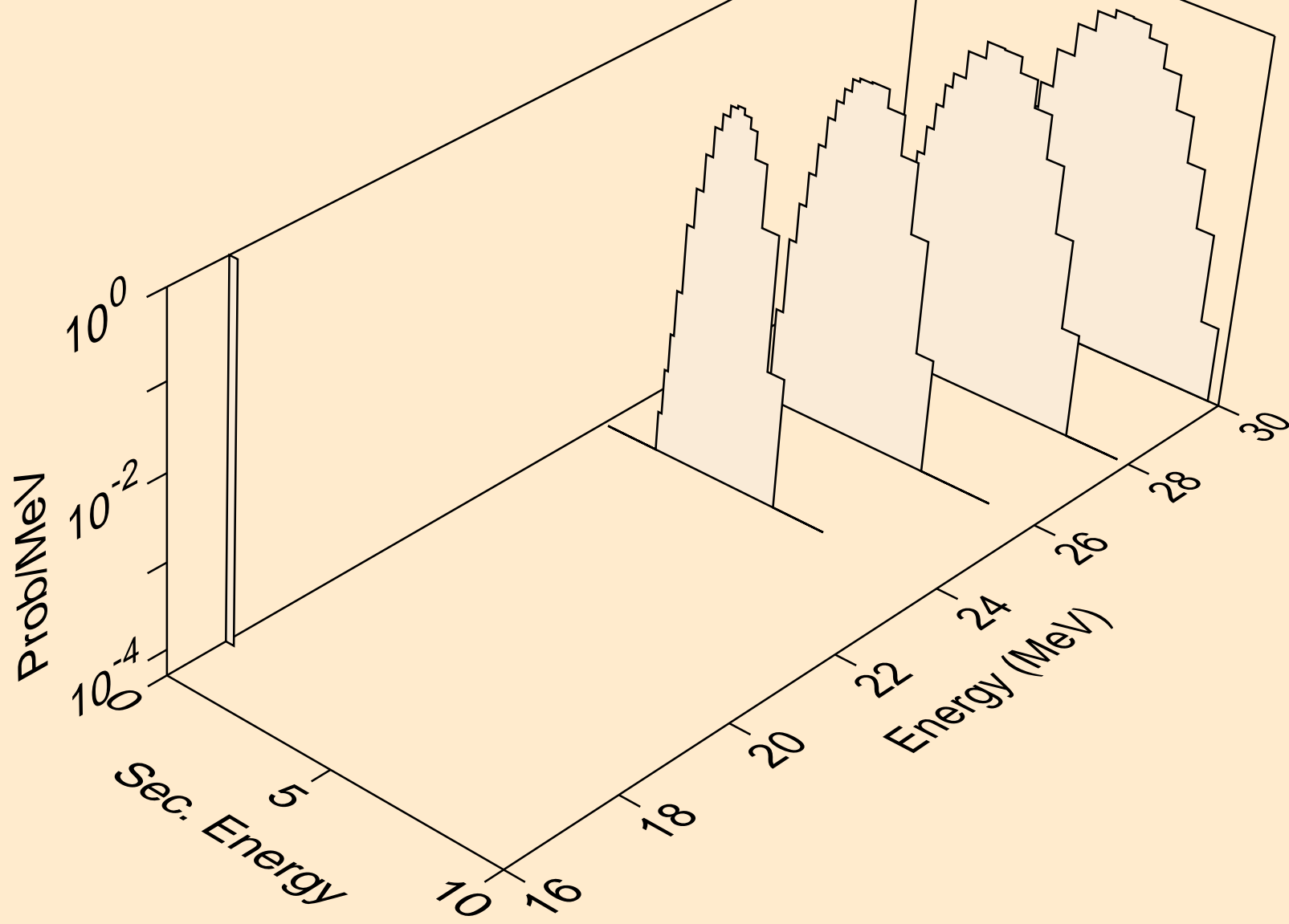
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



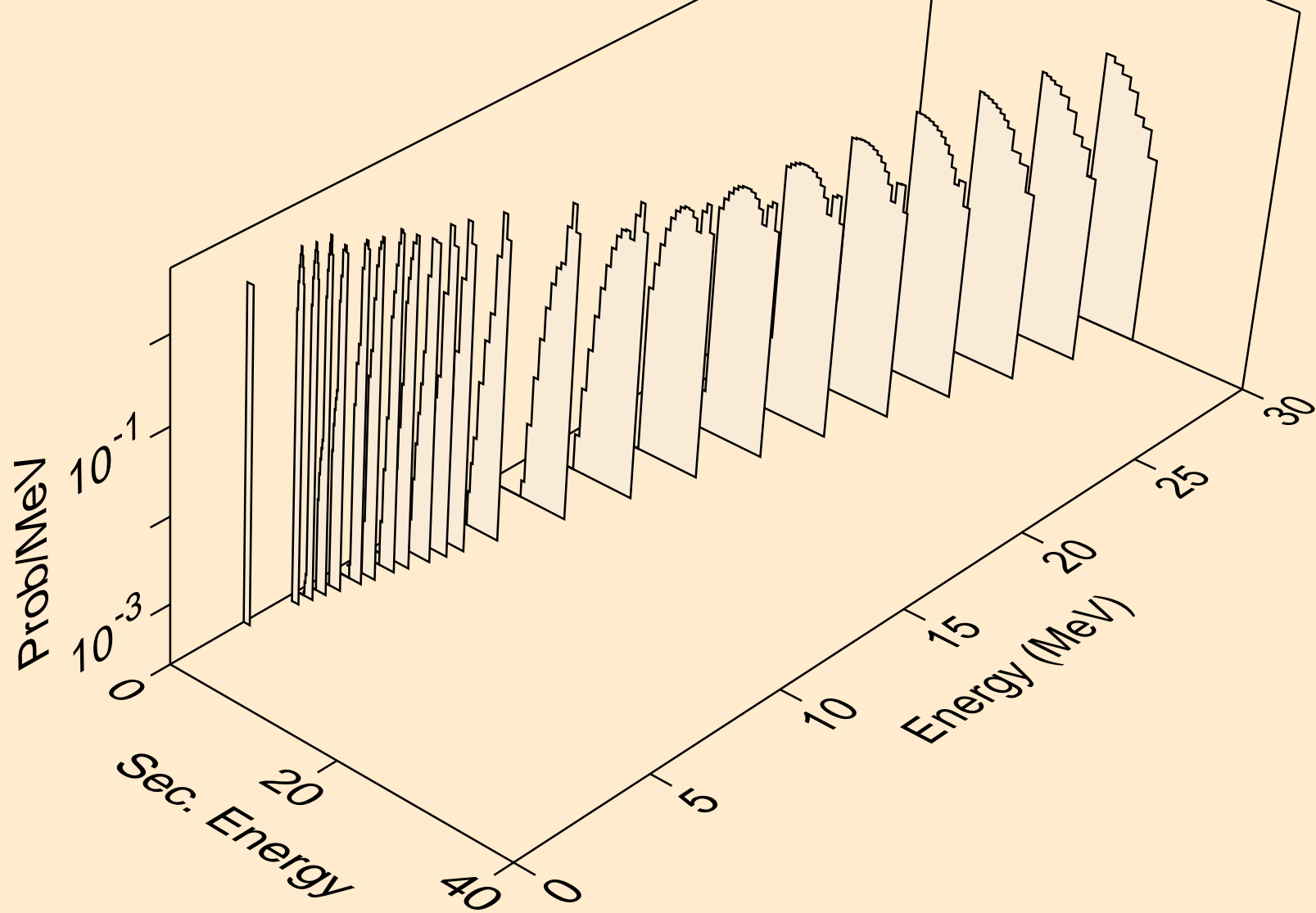
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,3np)



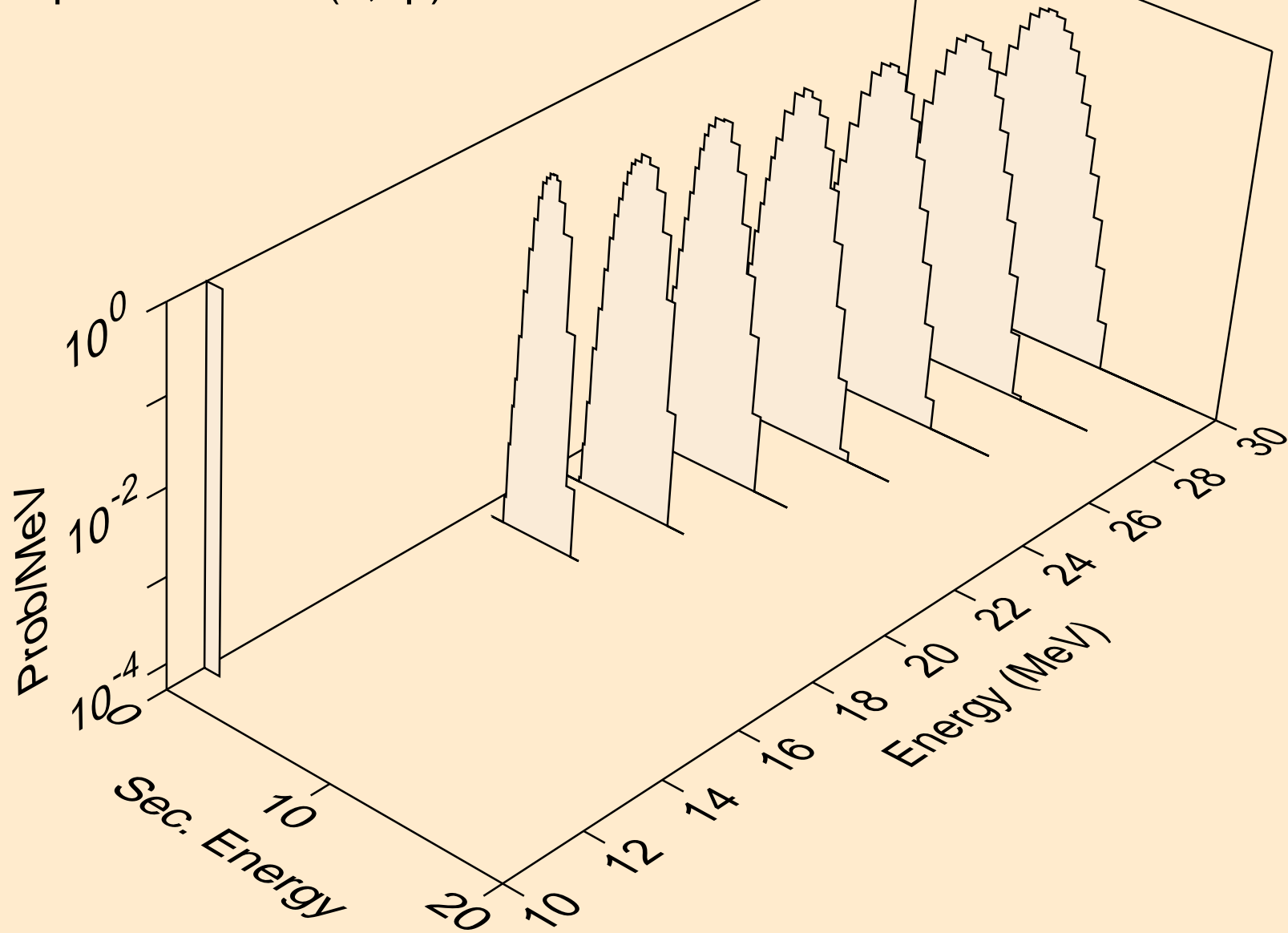
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n2p)



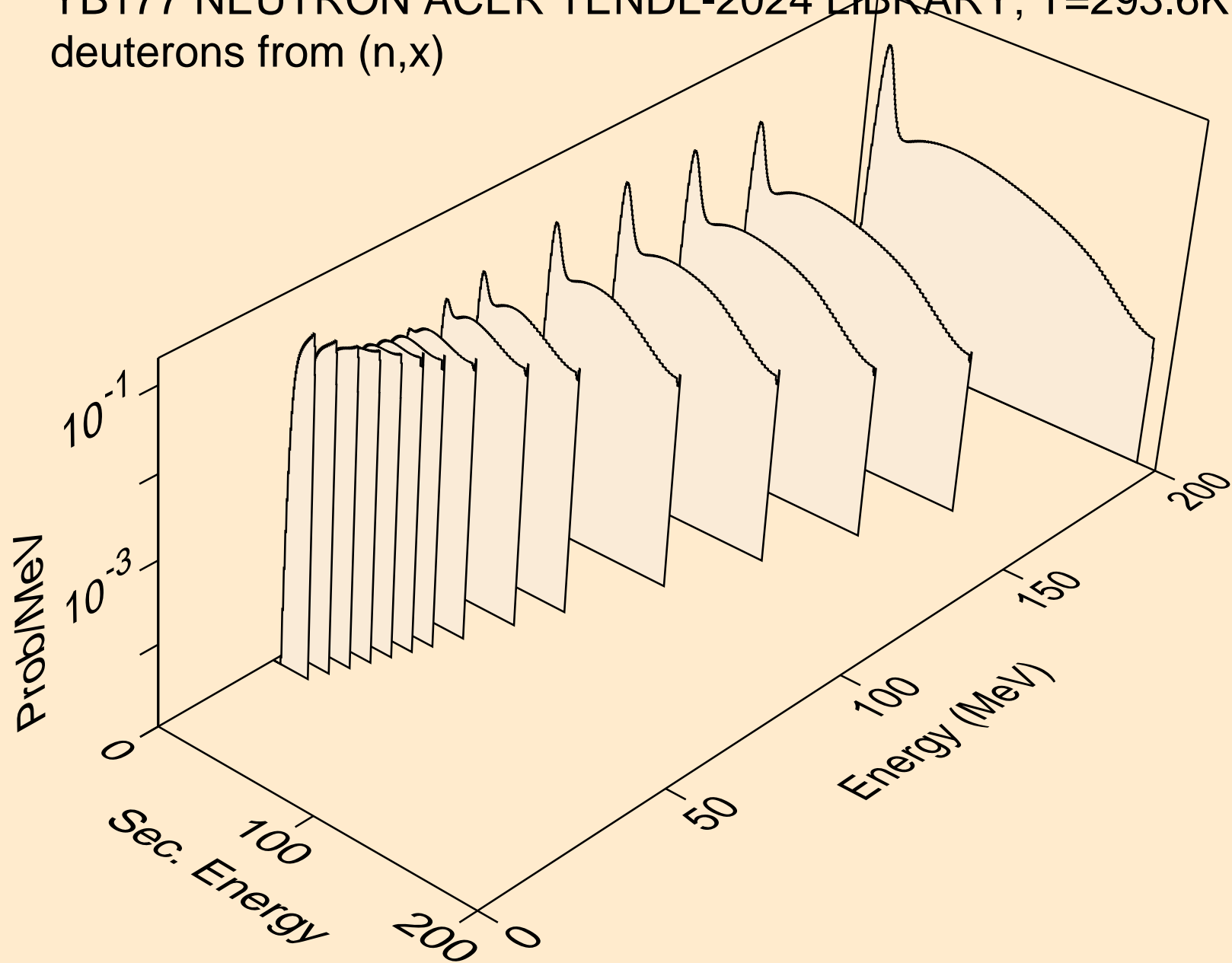
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)



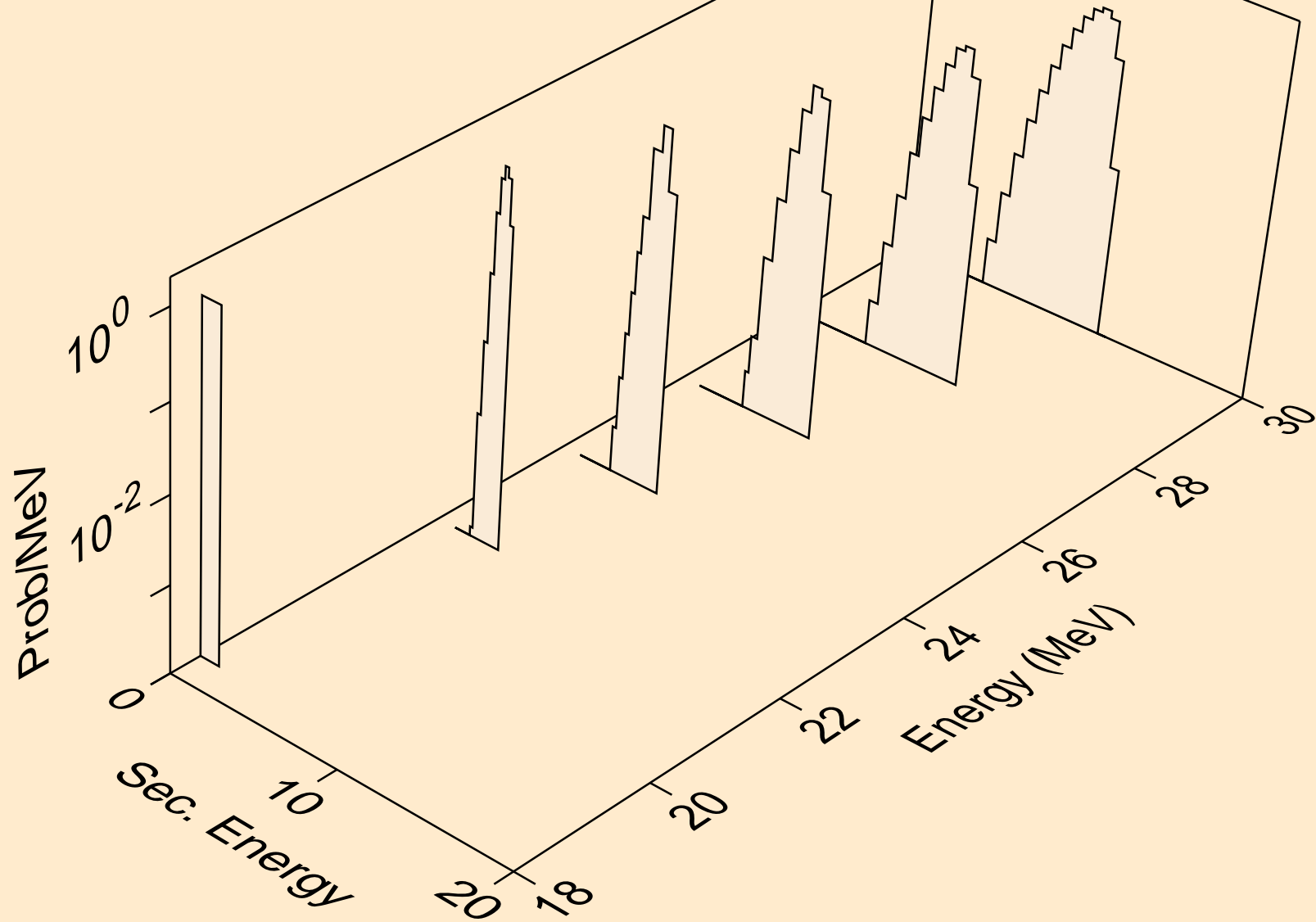
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2p)



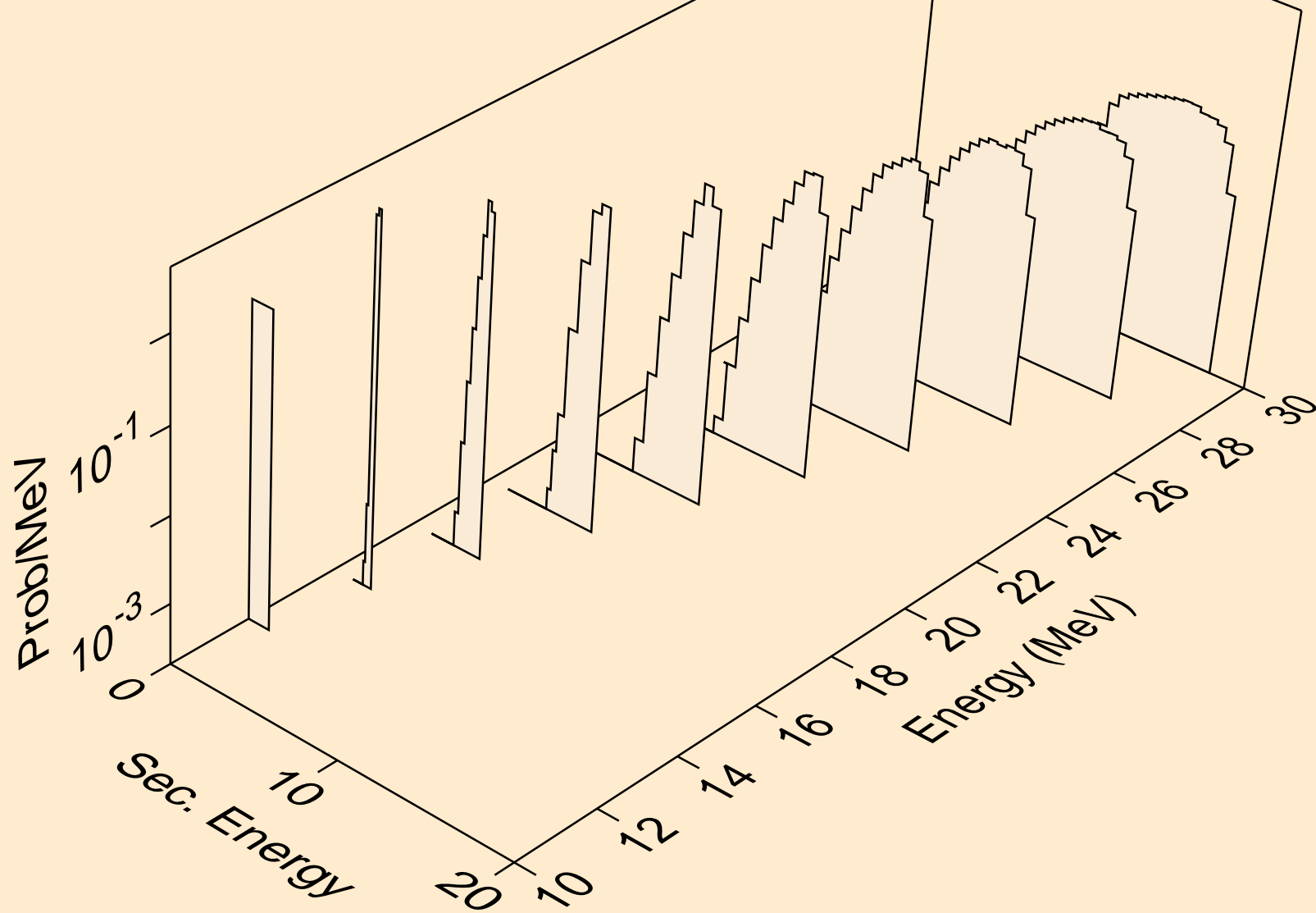
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



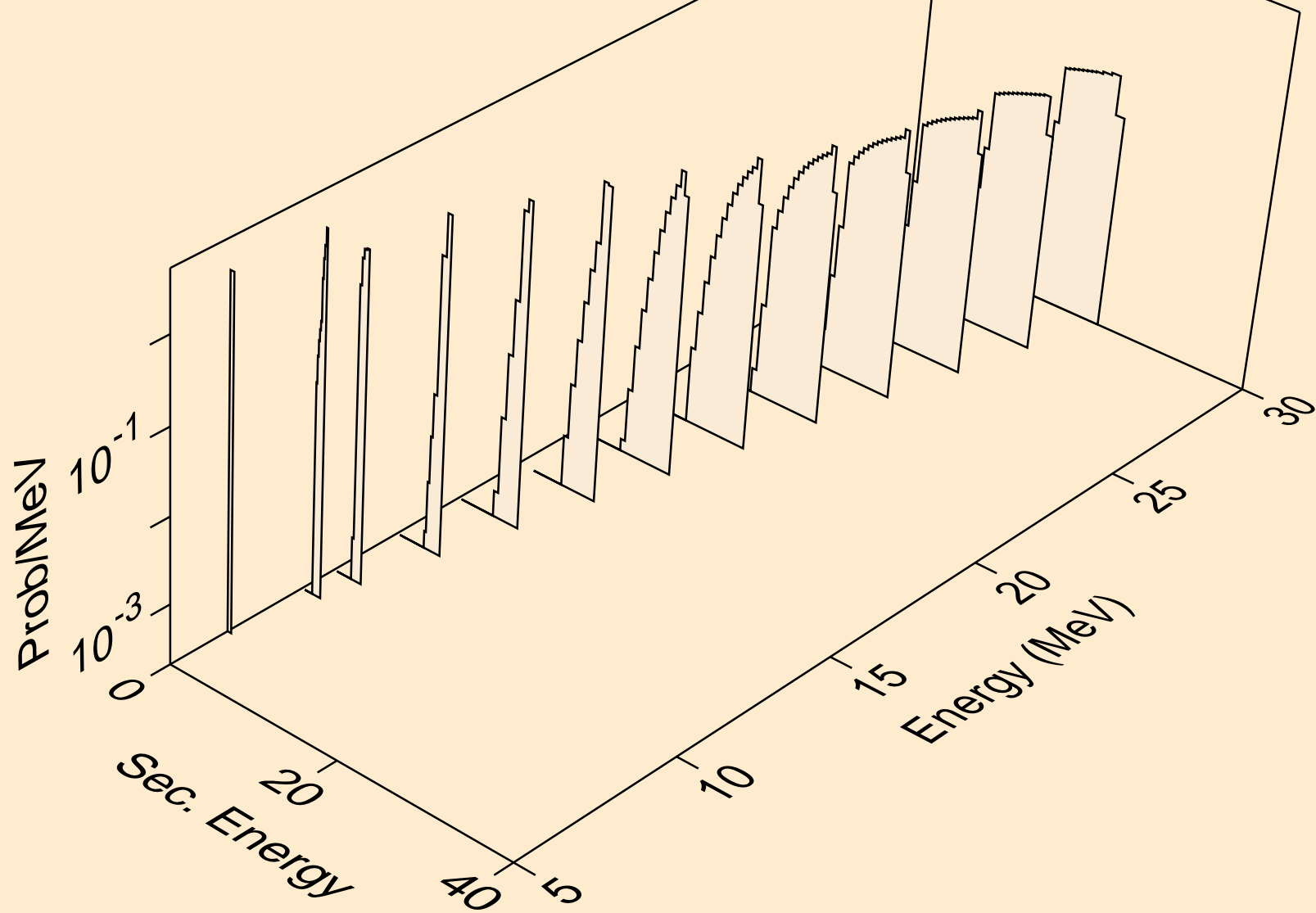
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,2nd)



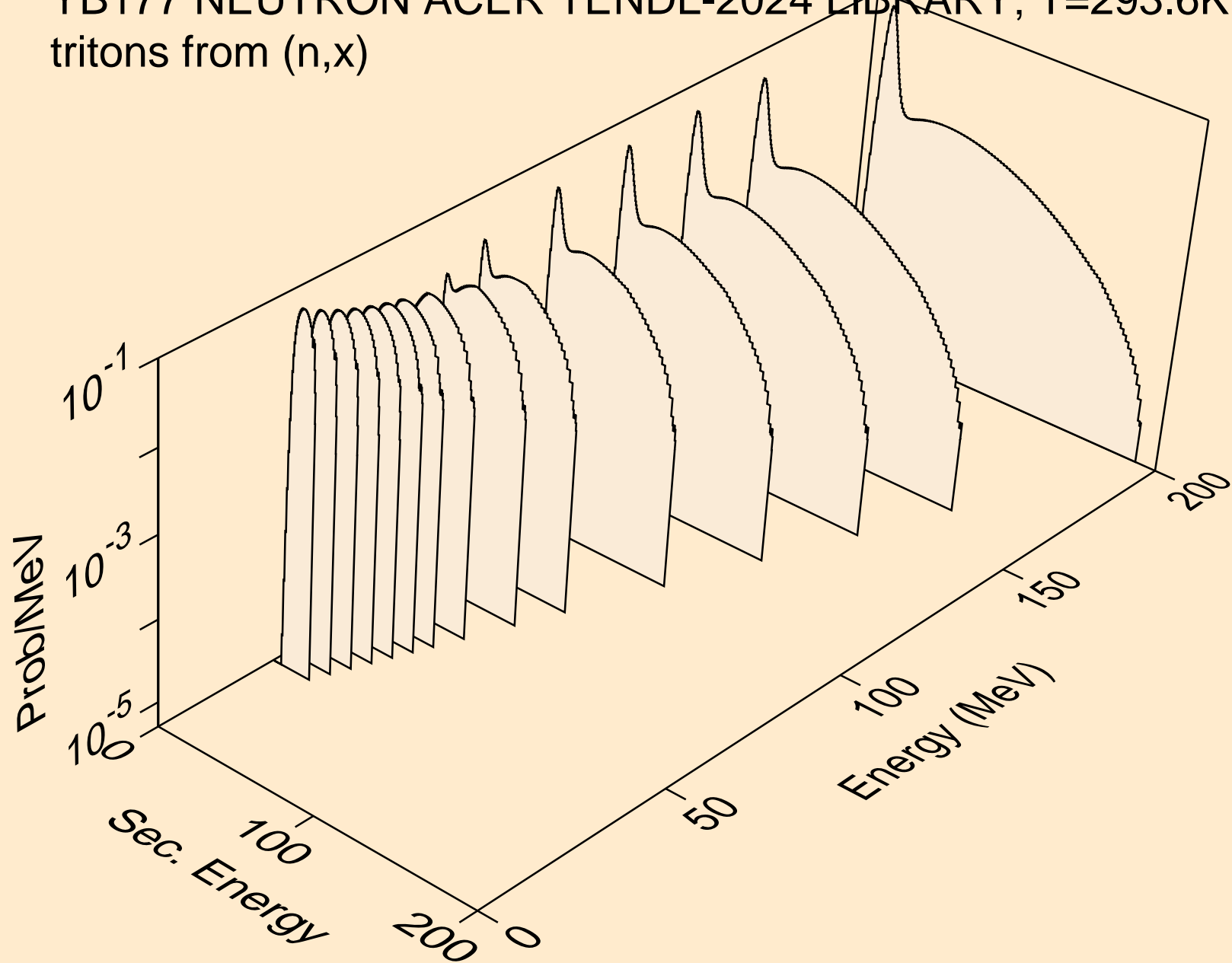
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



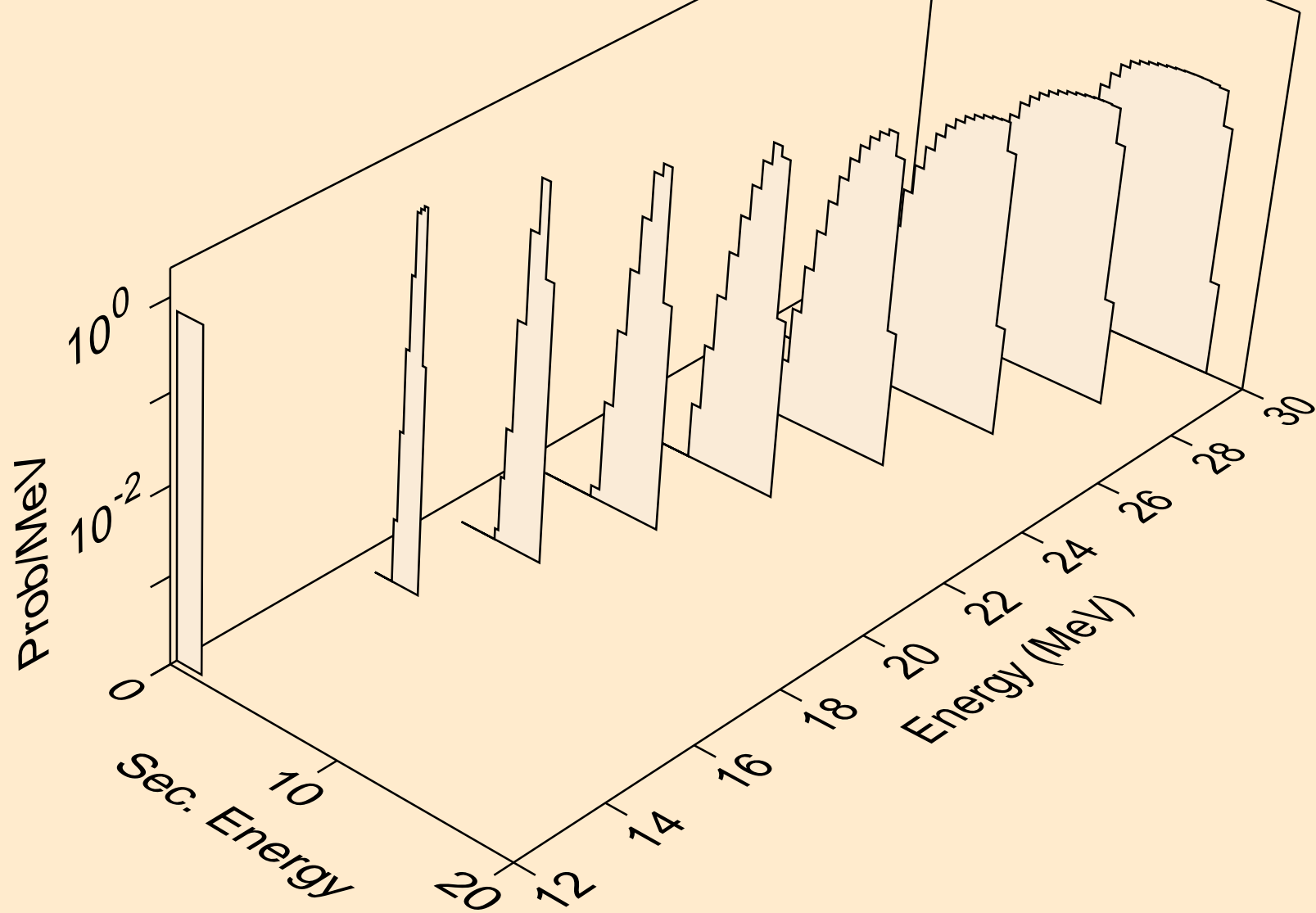
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)



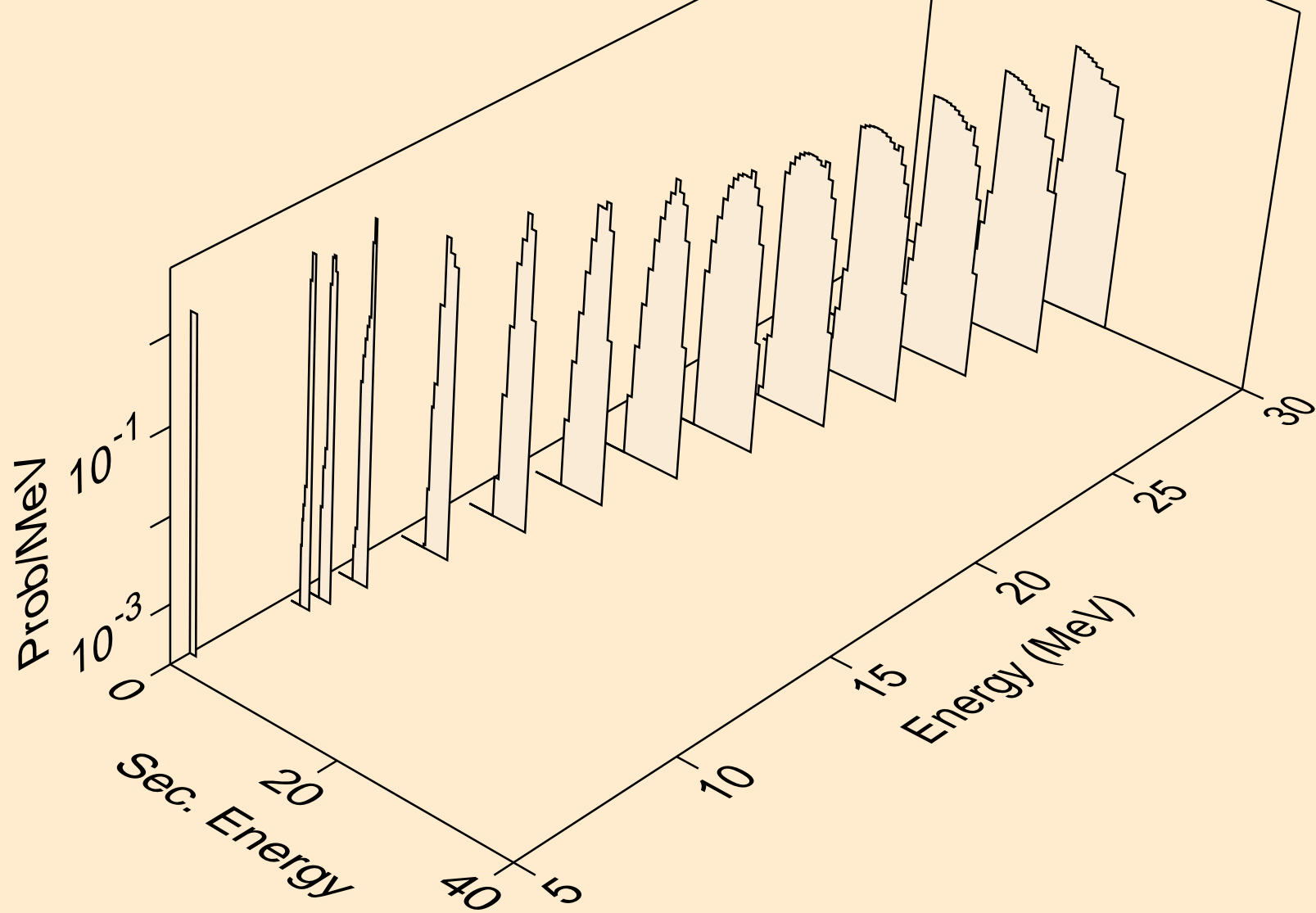
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



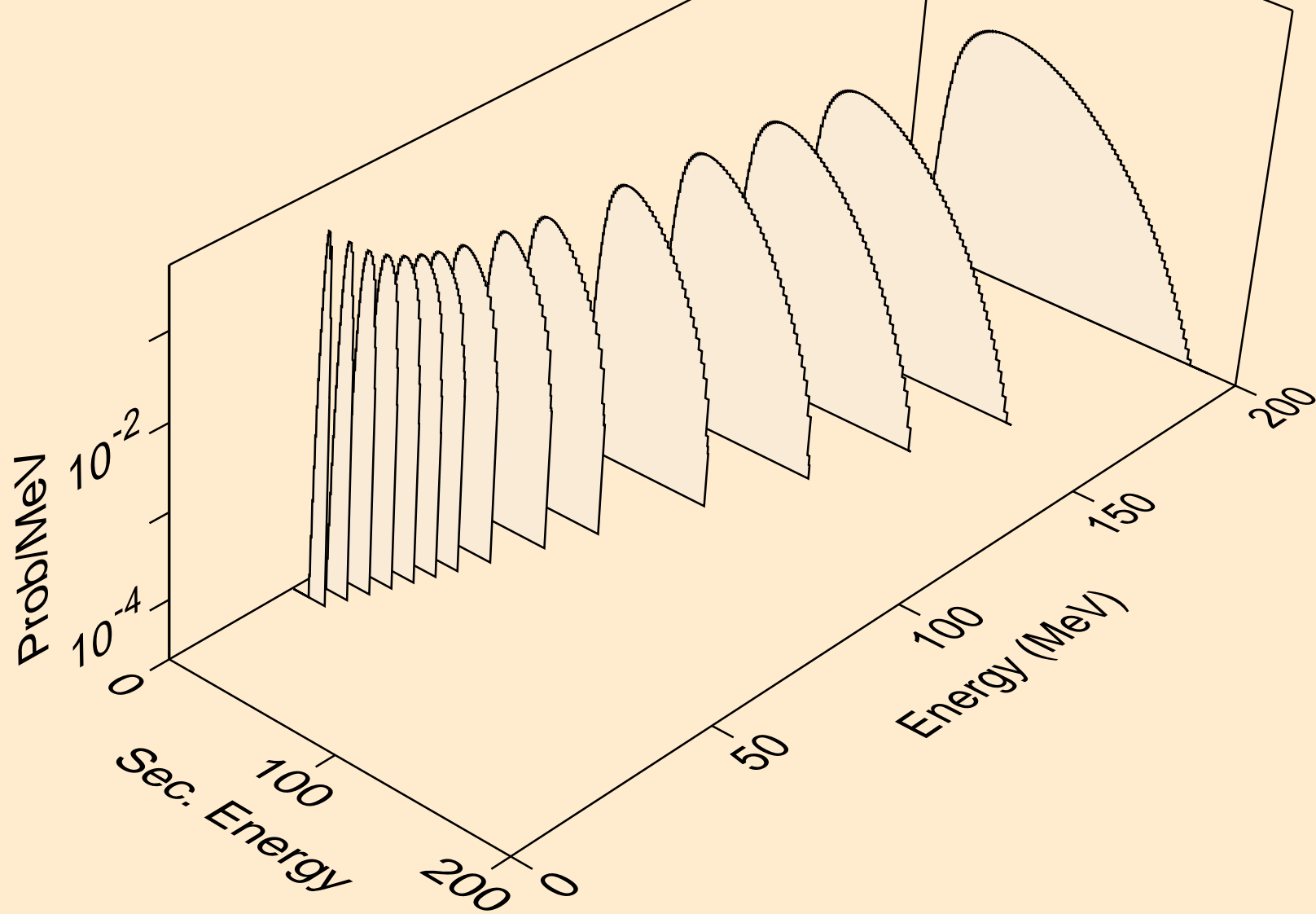
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



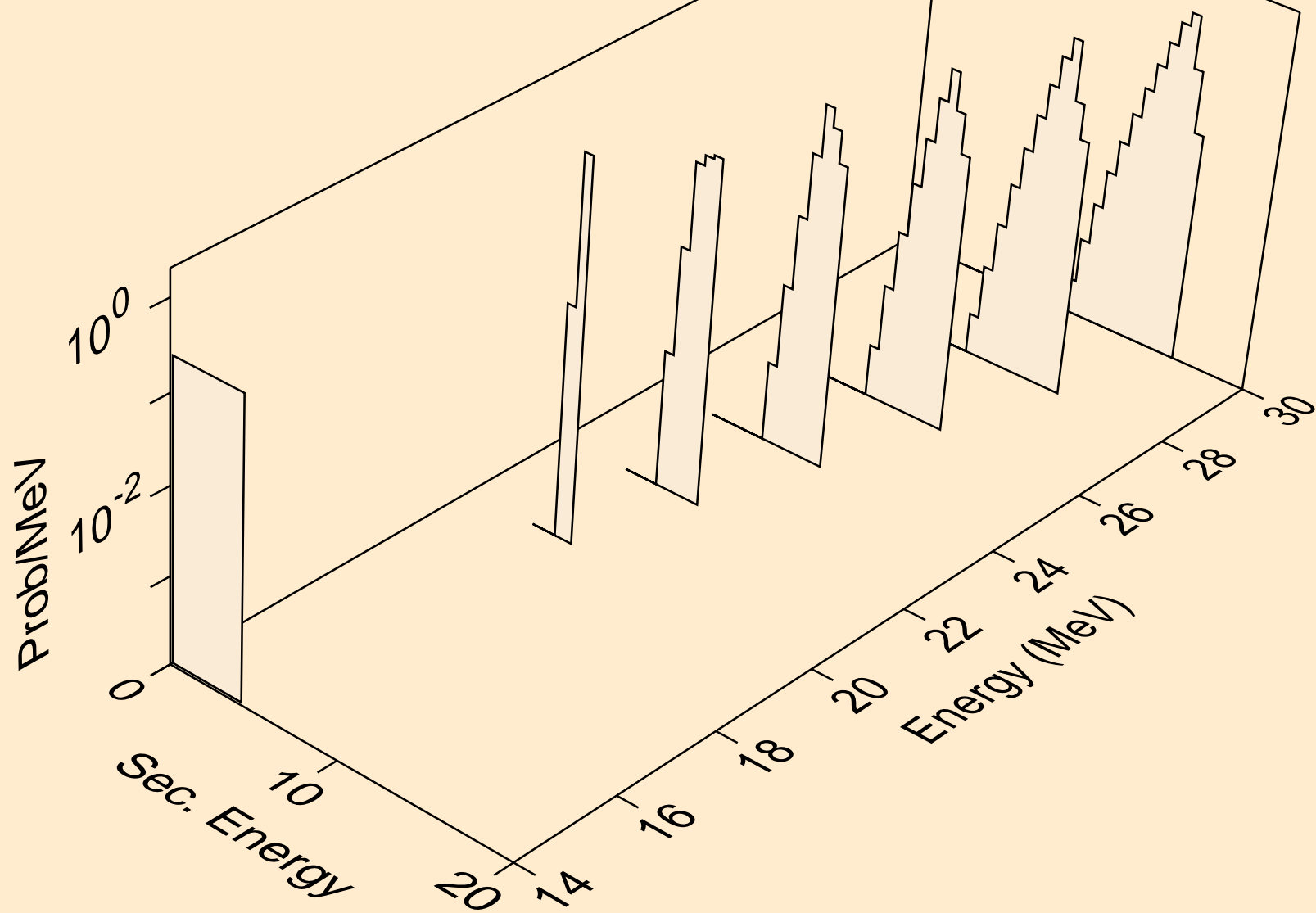
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,t)



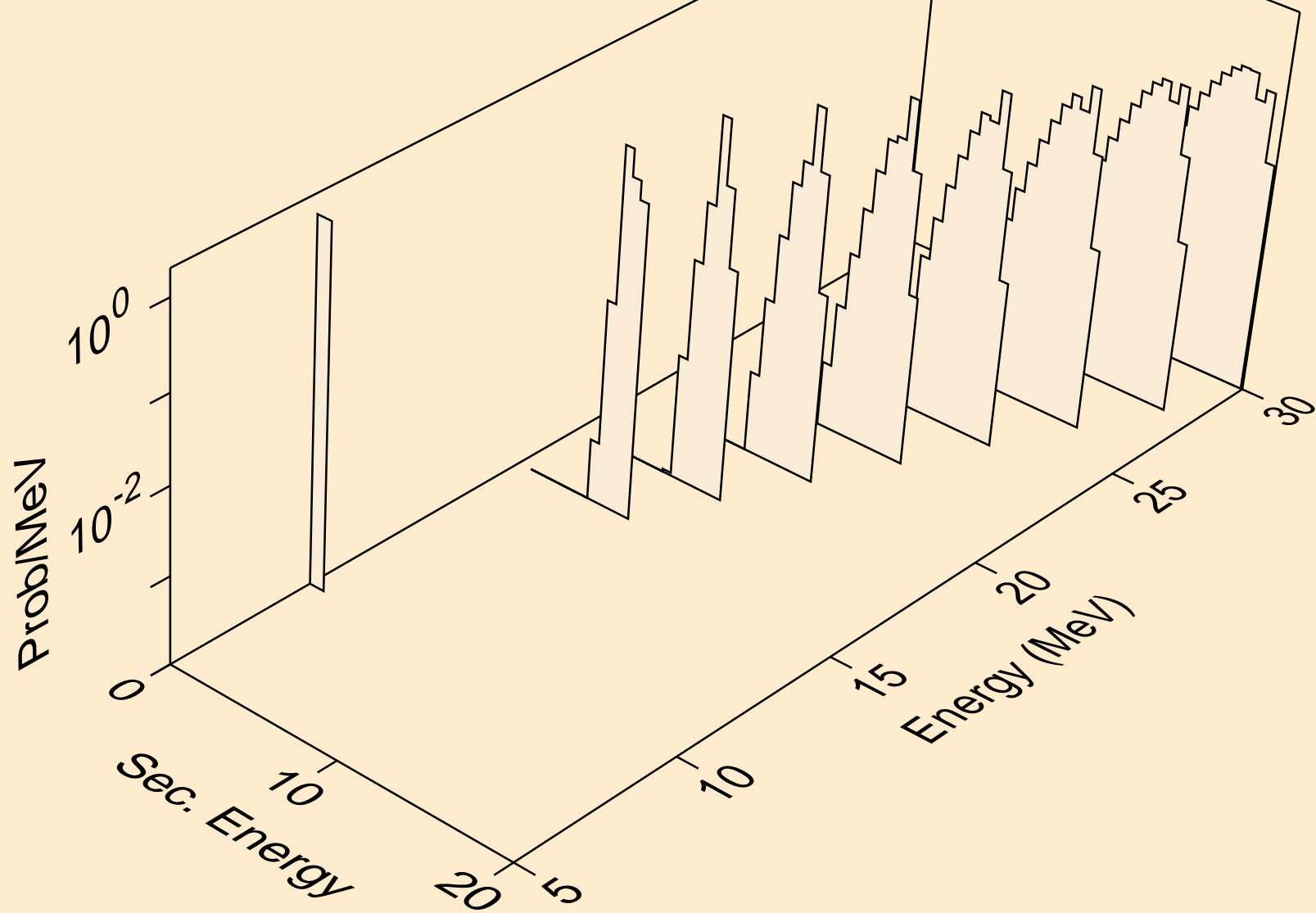
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



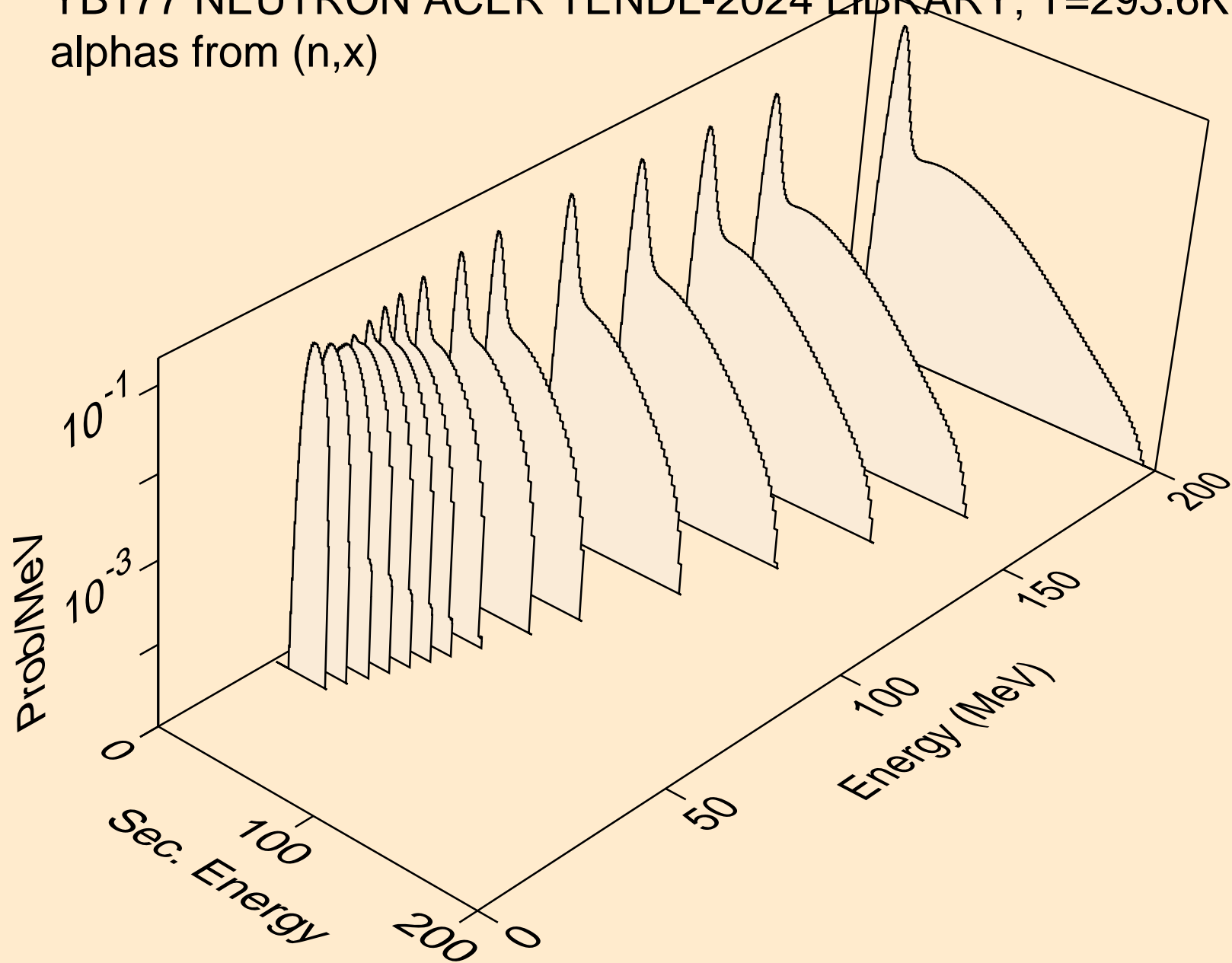
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



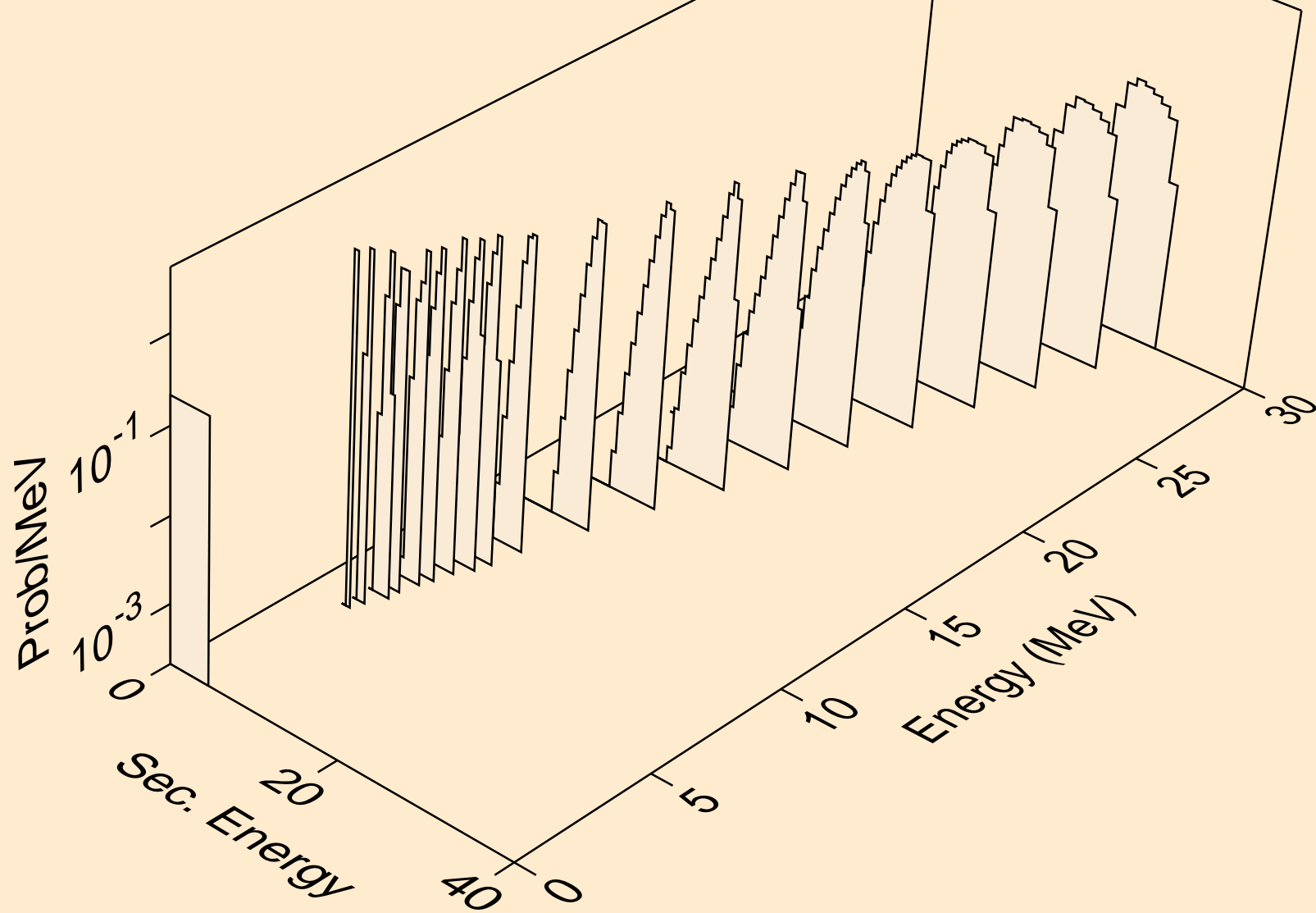
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



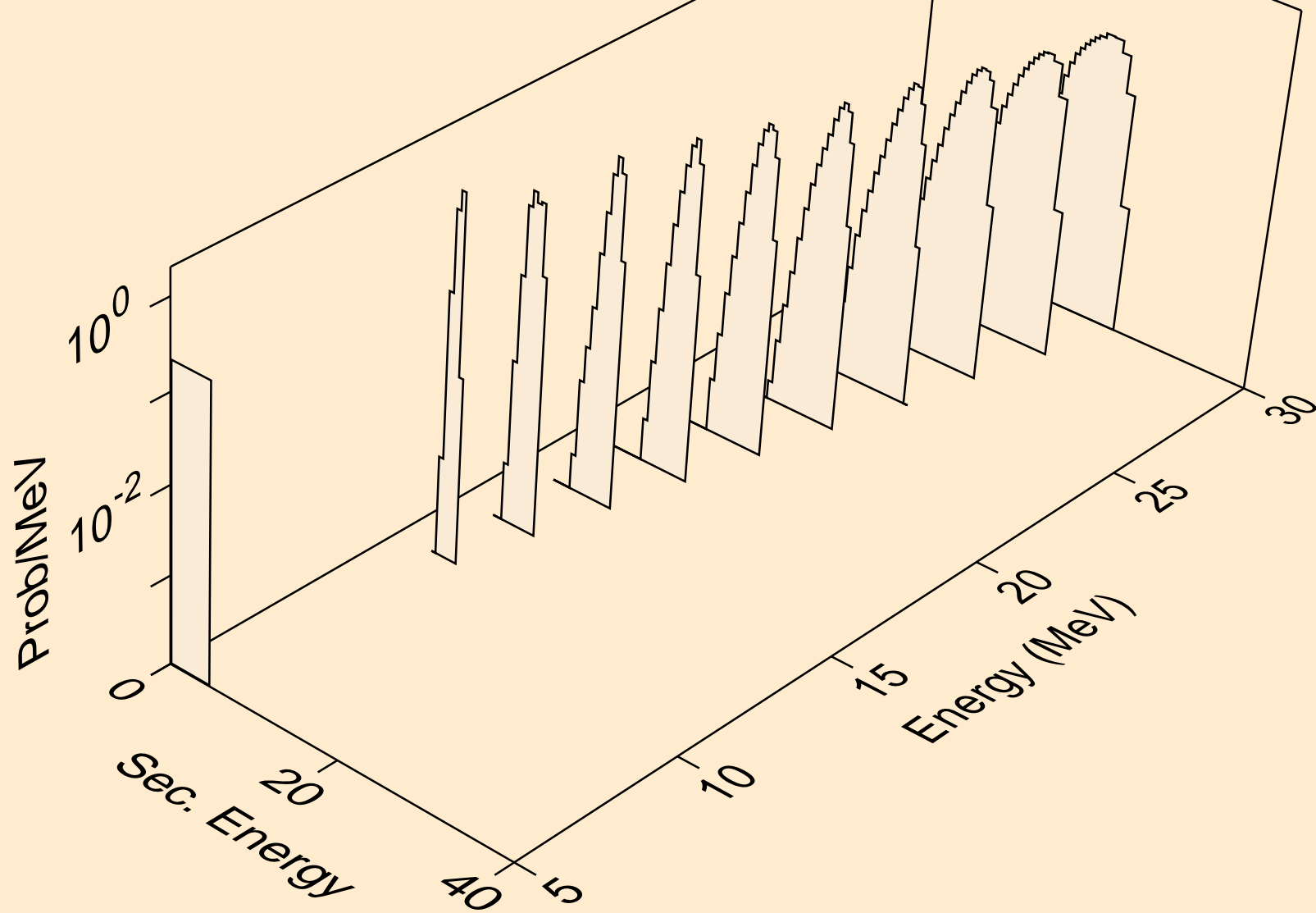
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



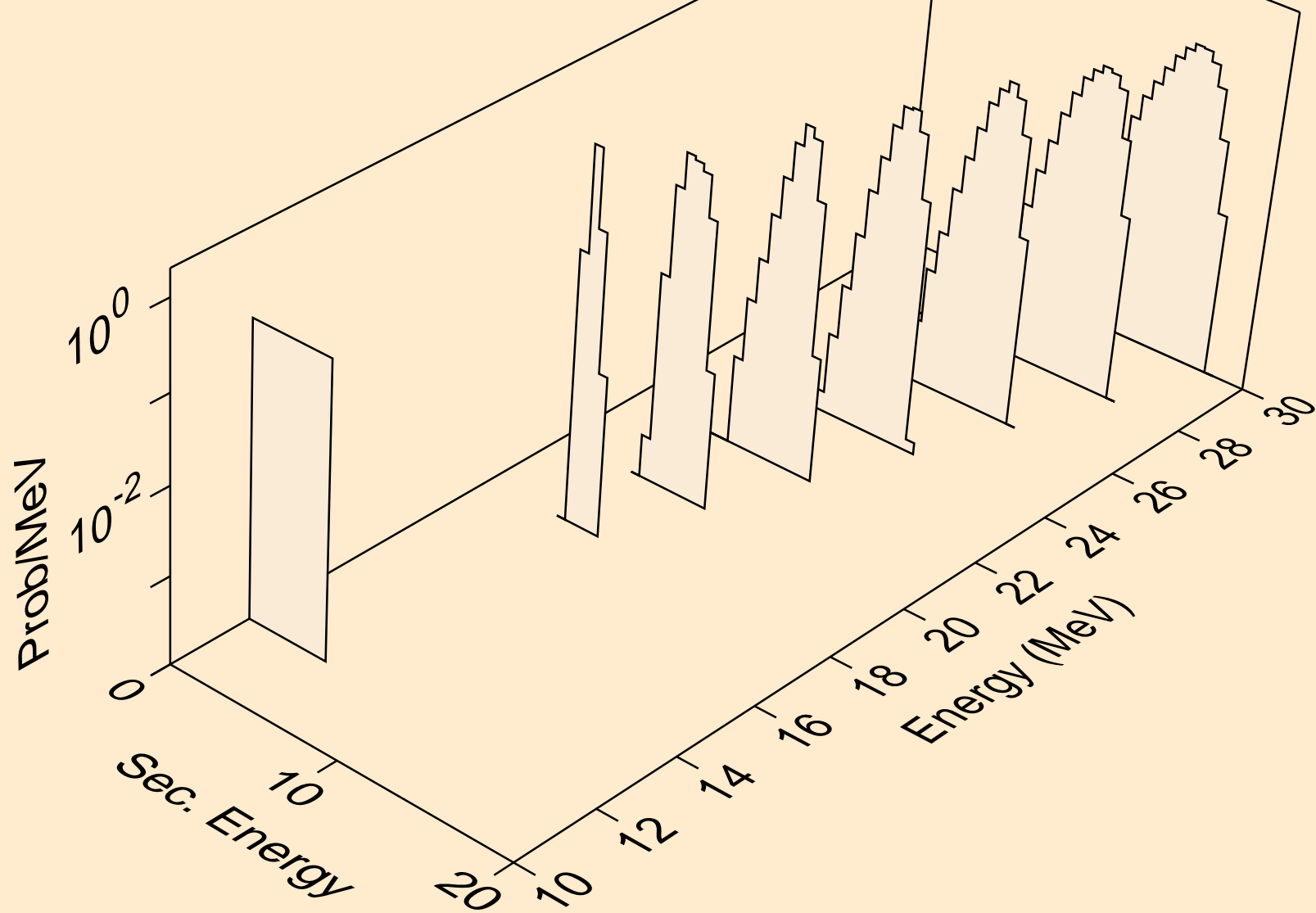
YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



YB177 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)

