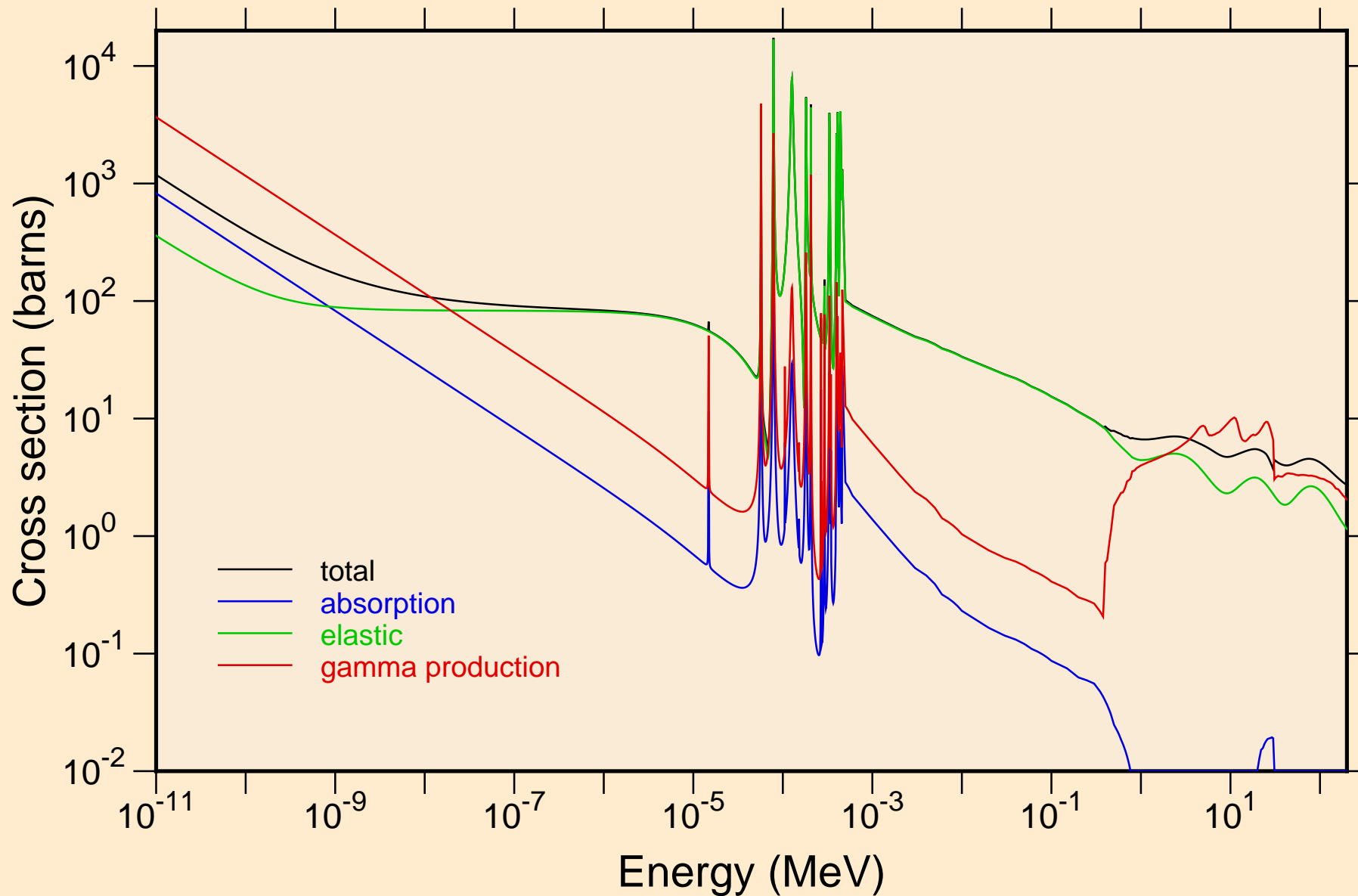
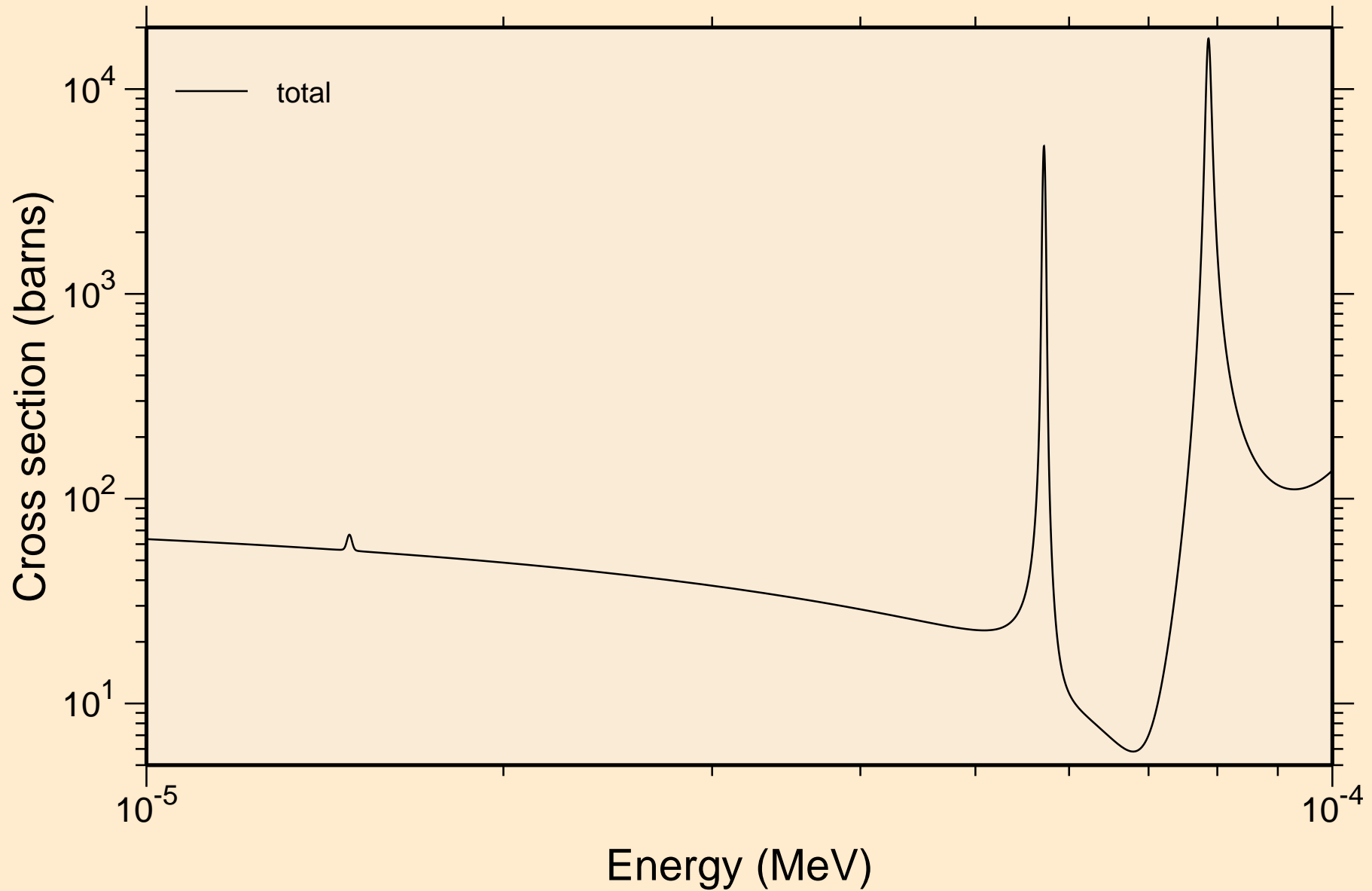


# YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

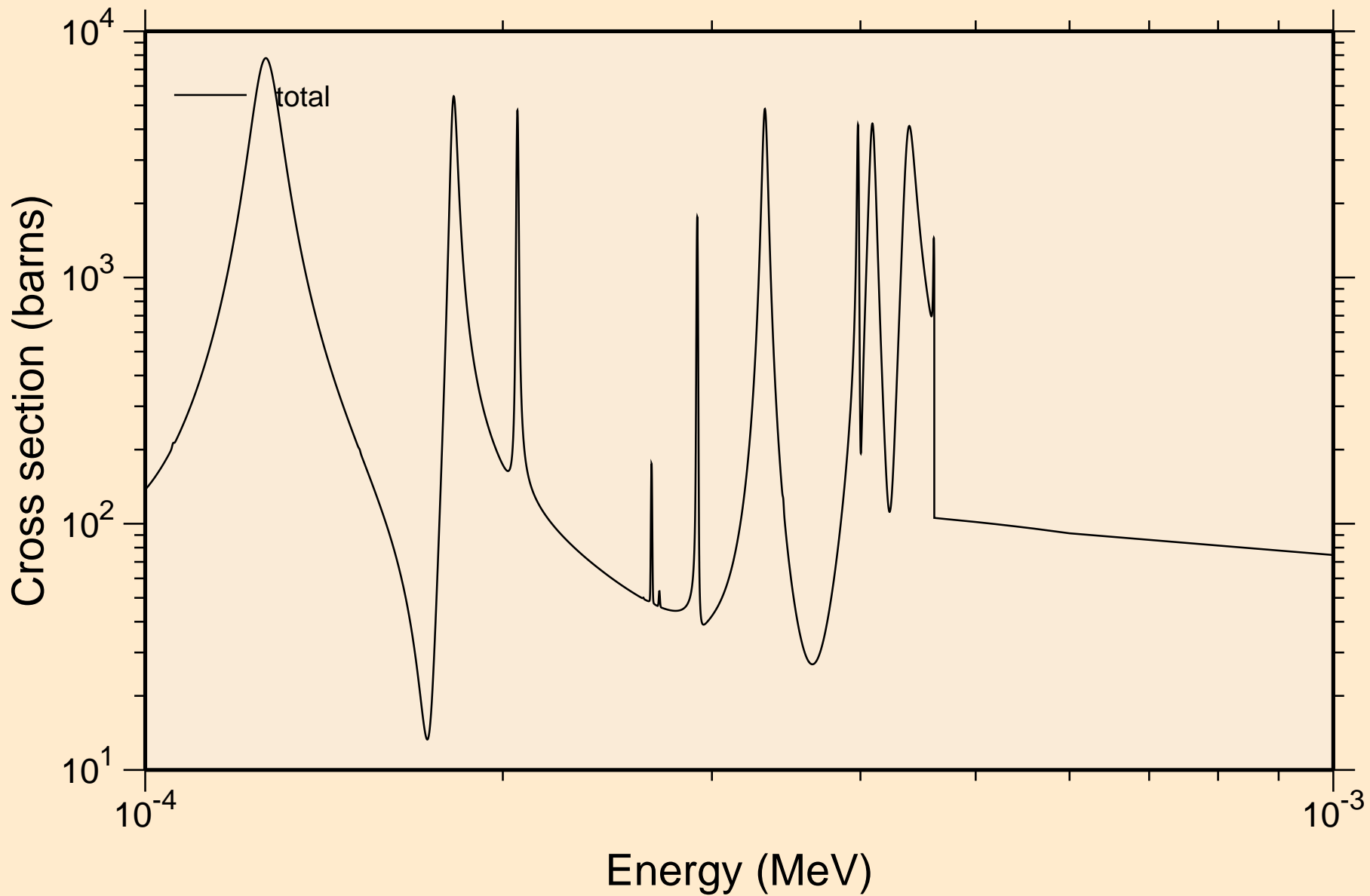
## Principal cross sections



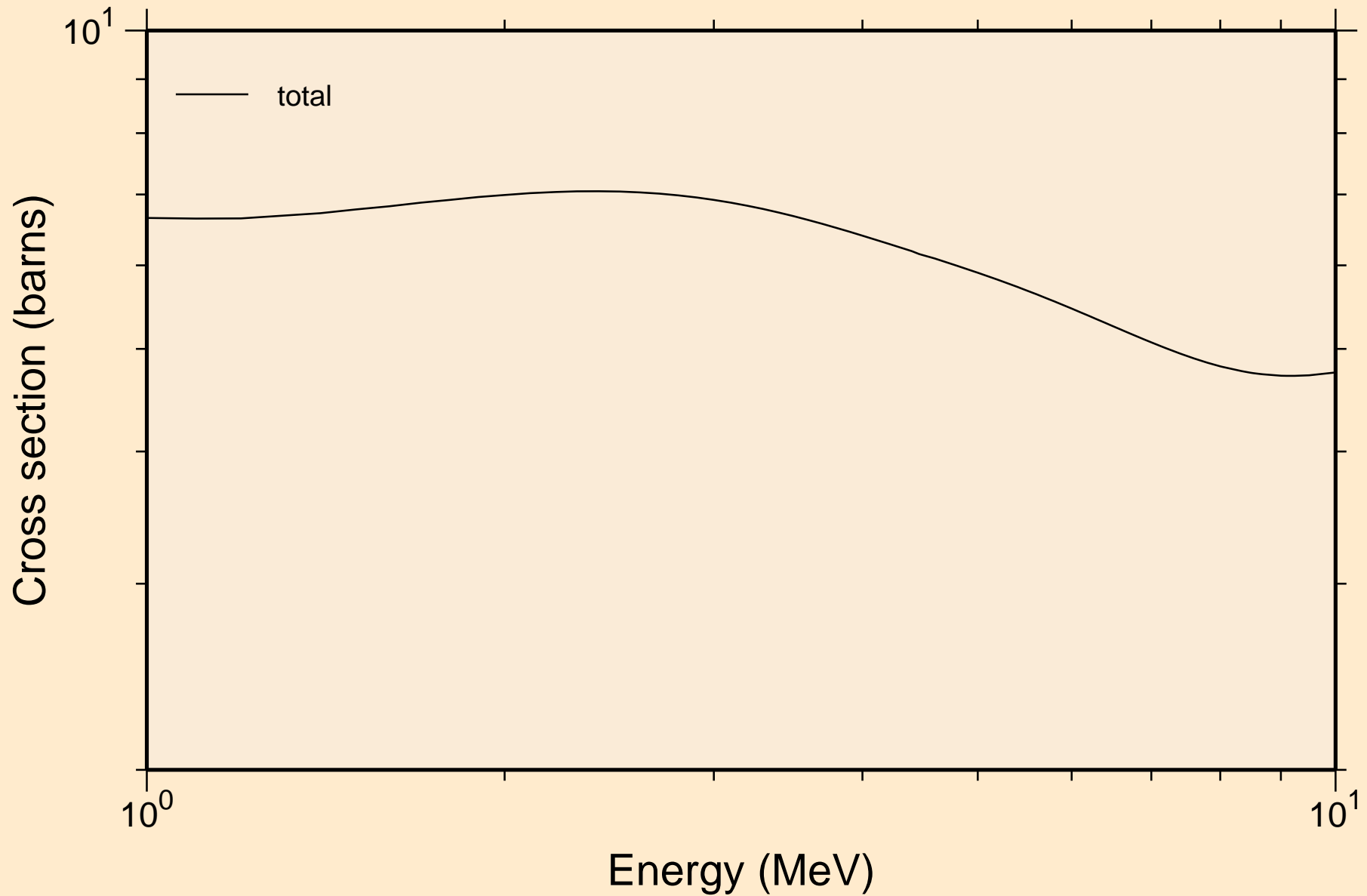
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



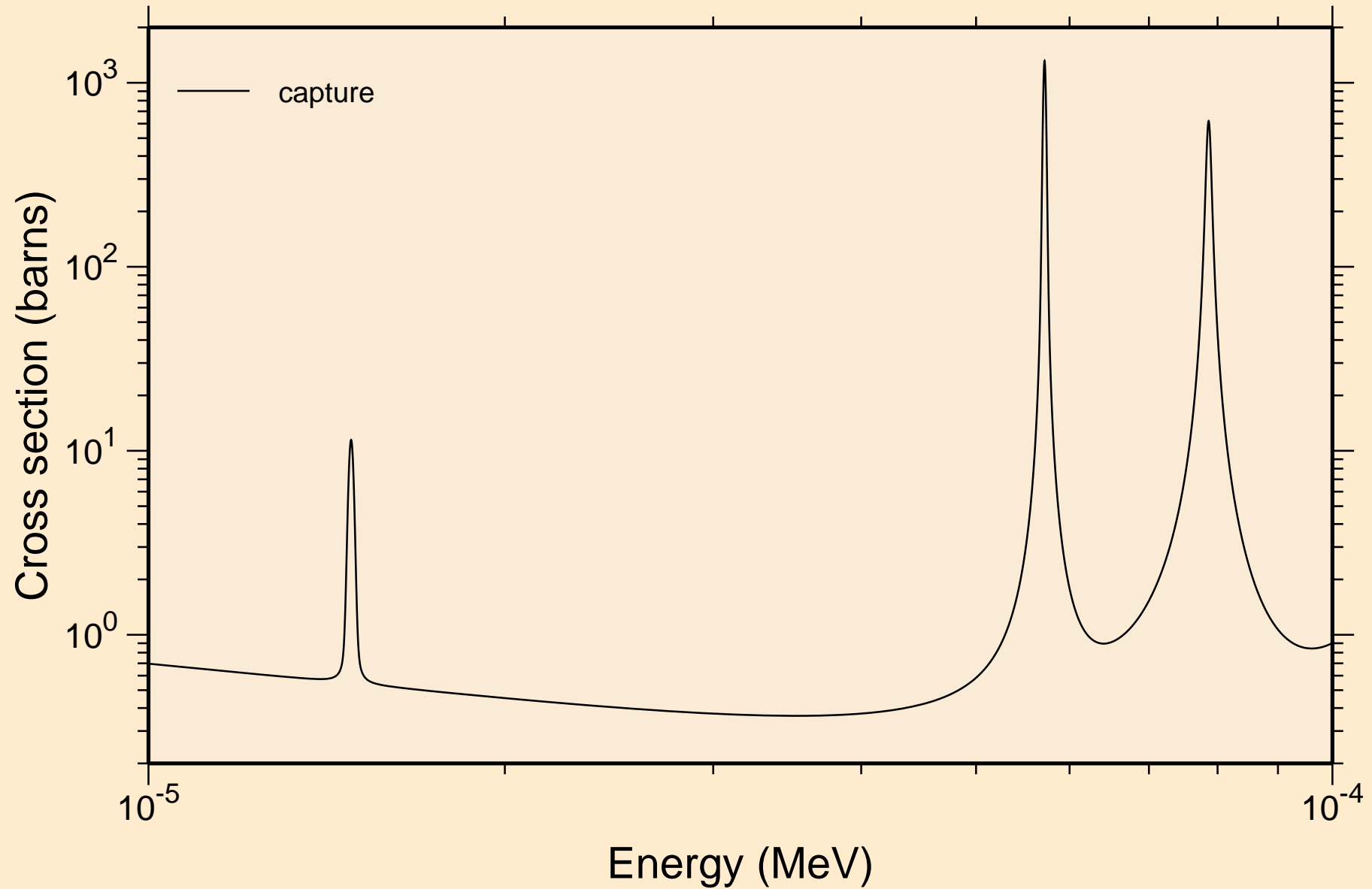
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



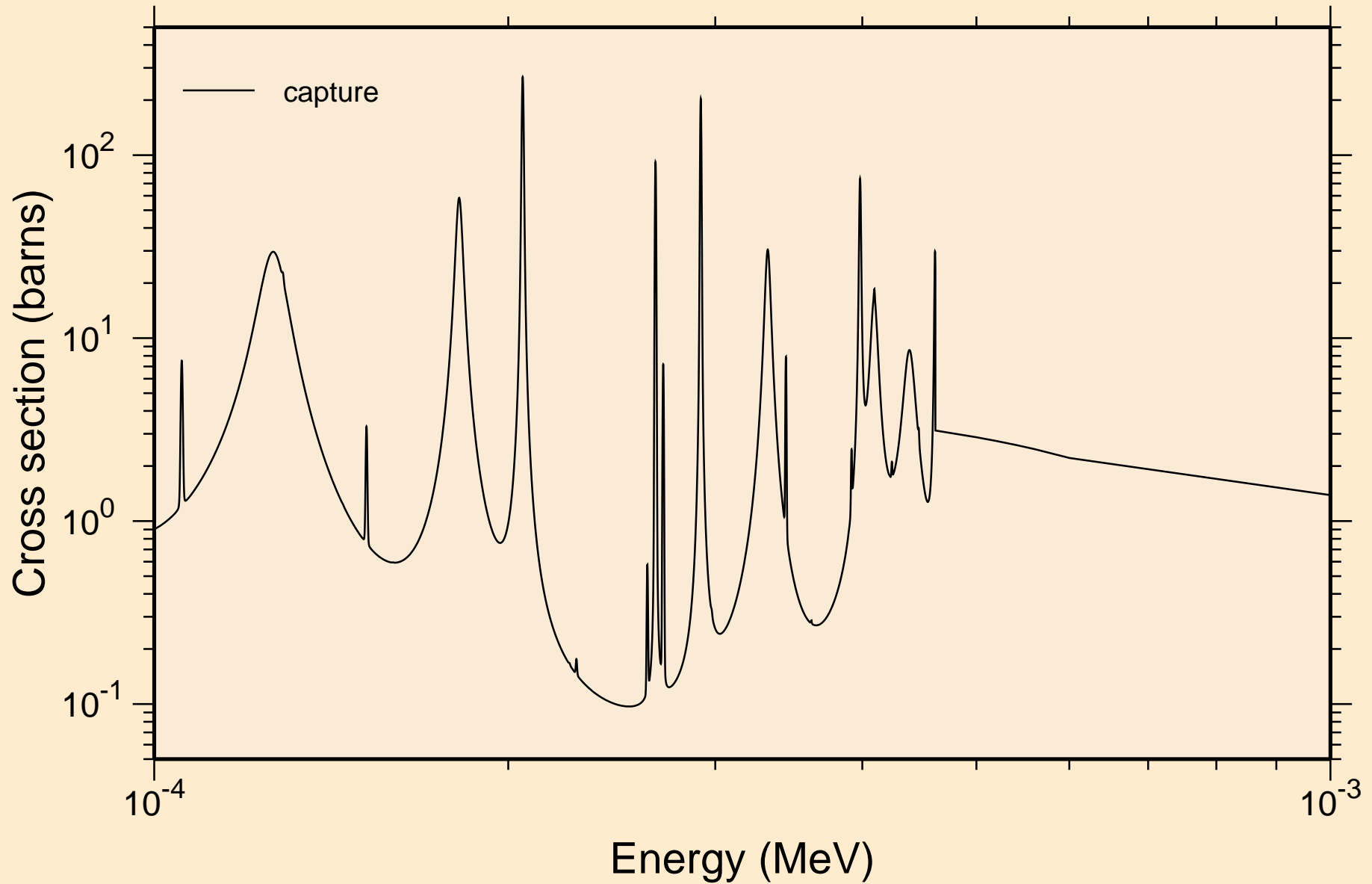
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



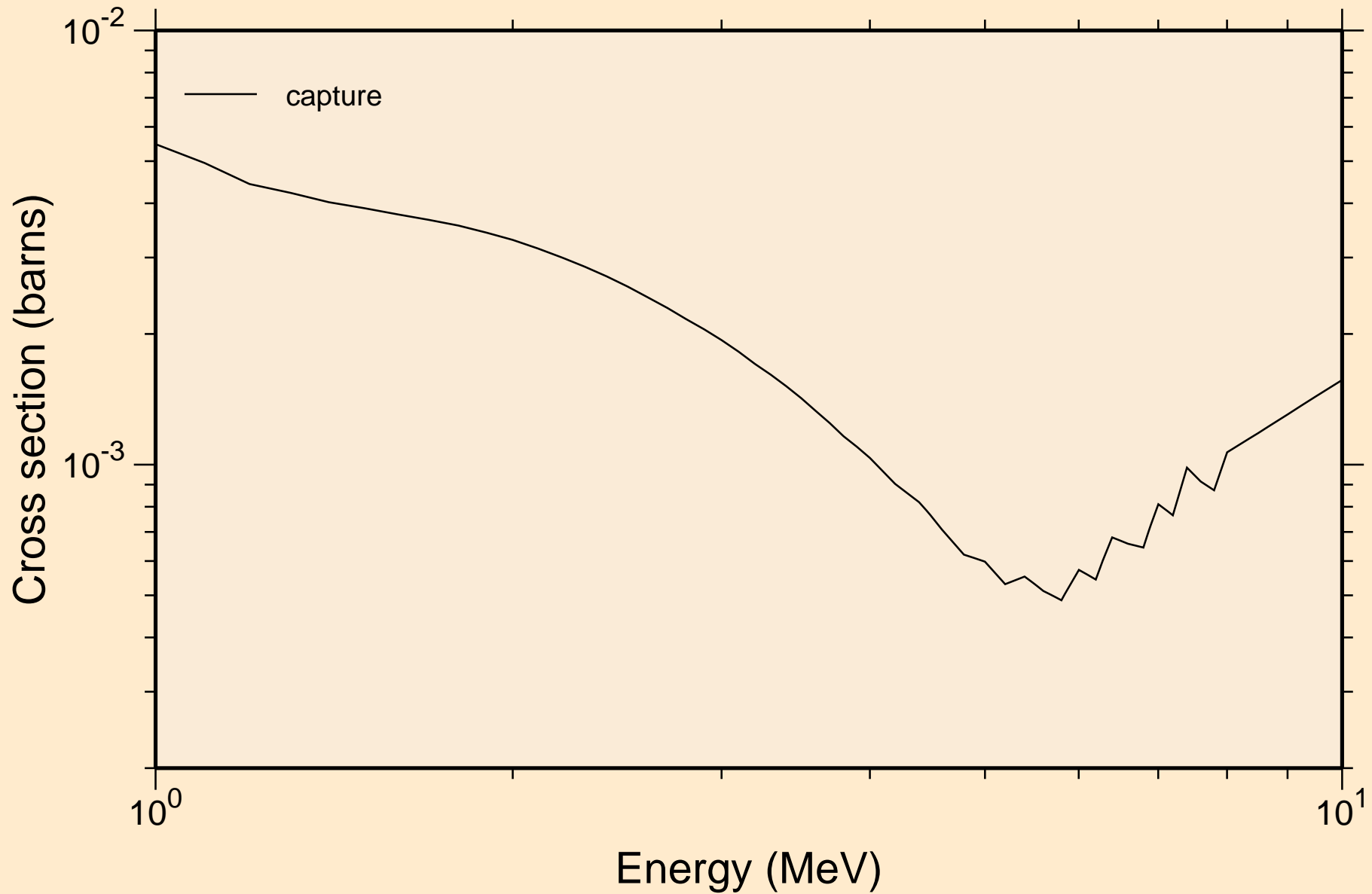
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



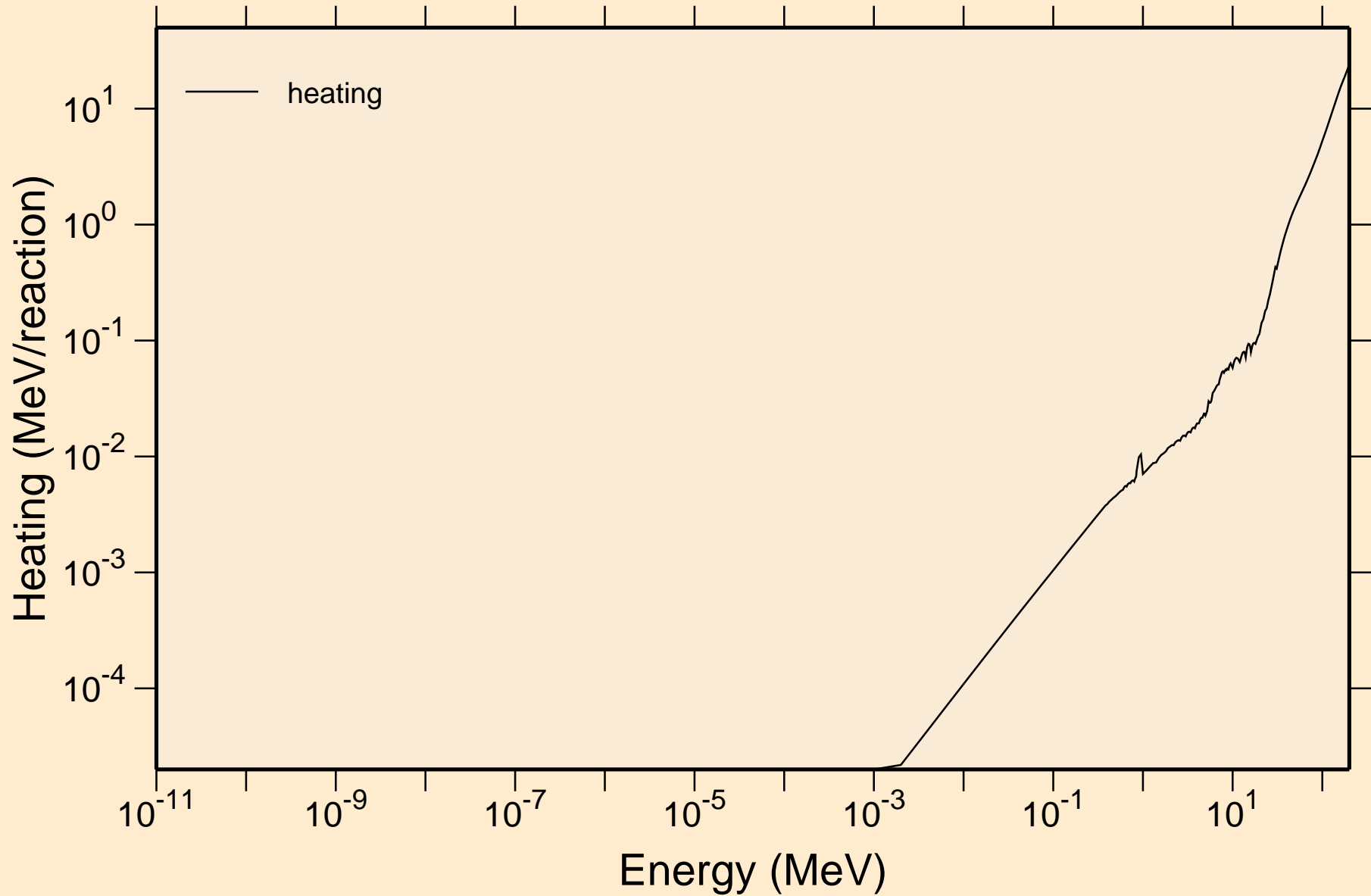
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

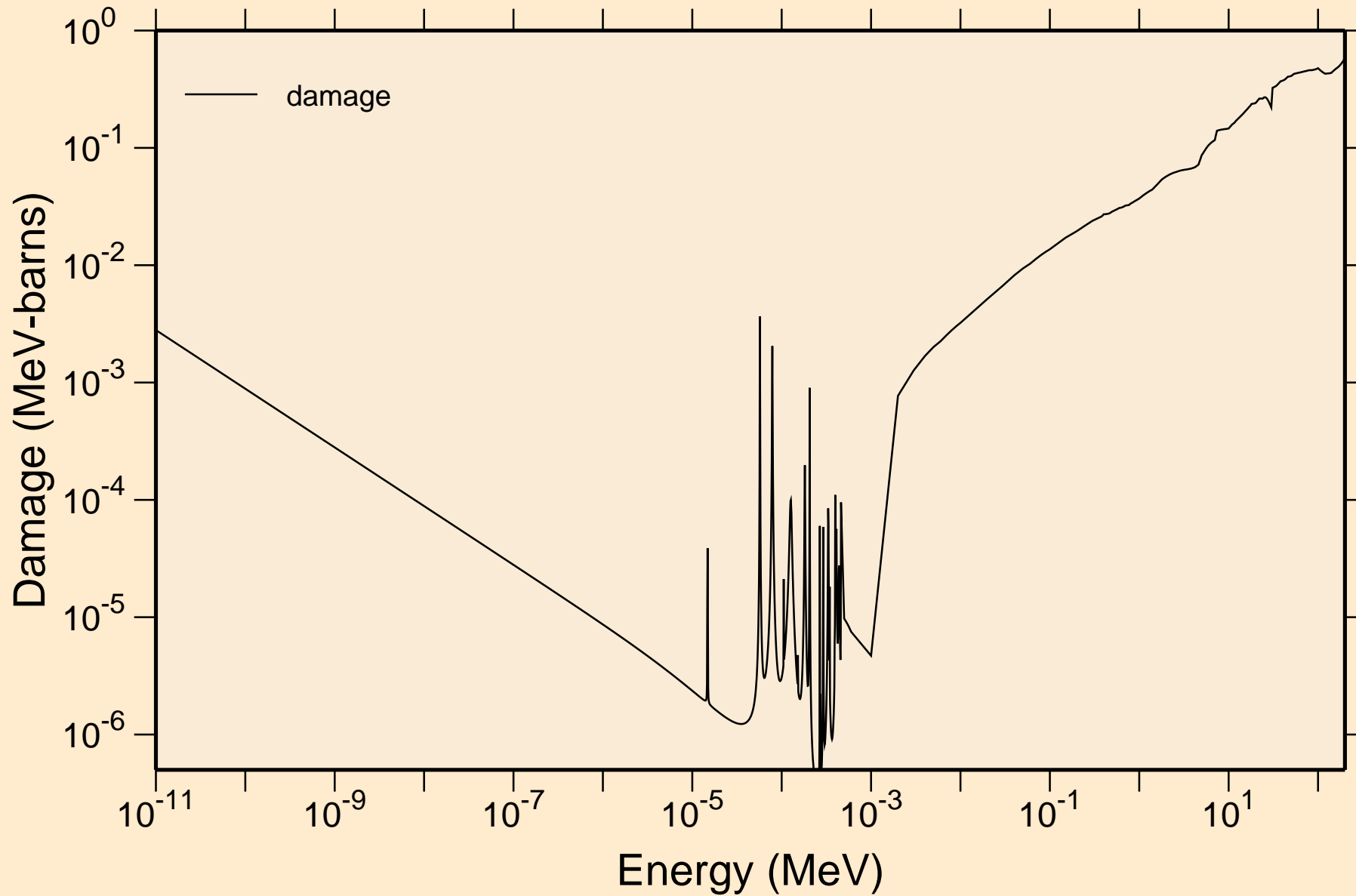


YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating

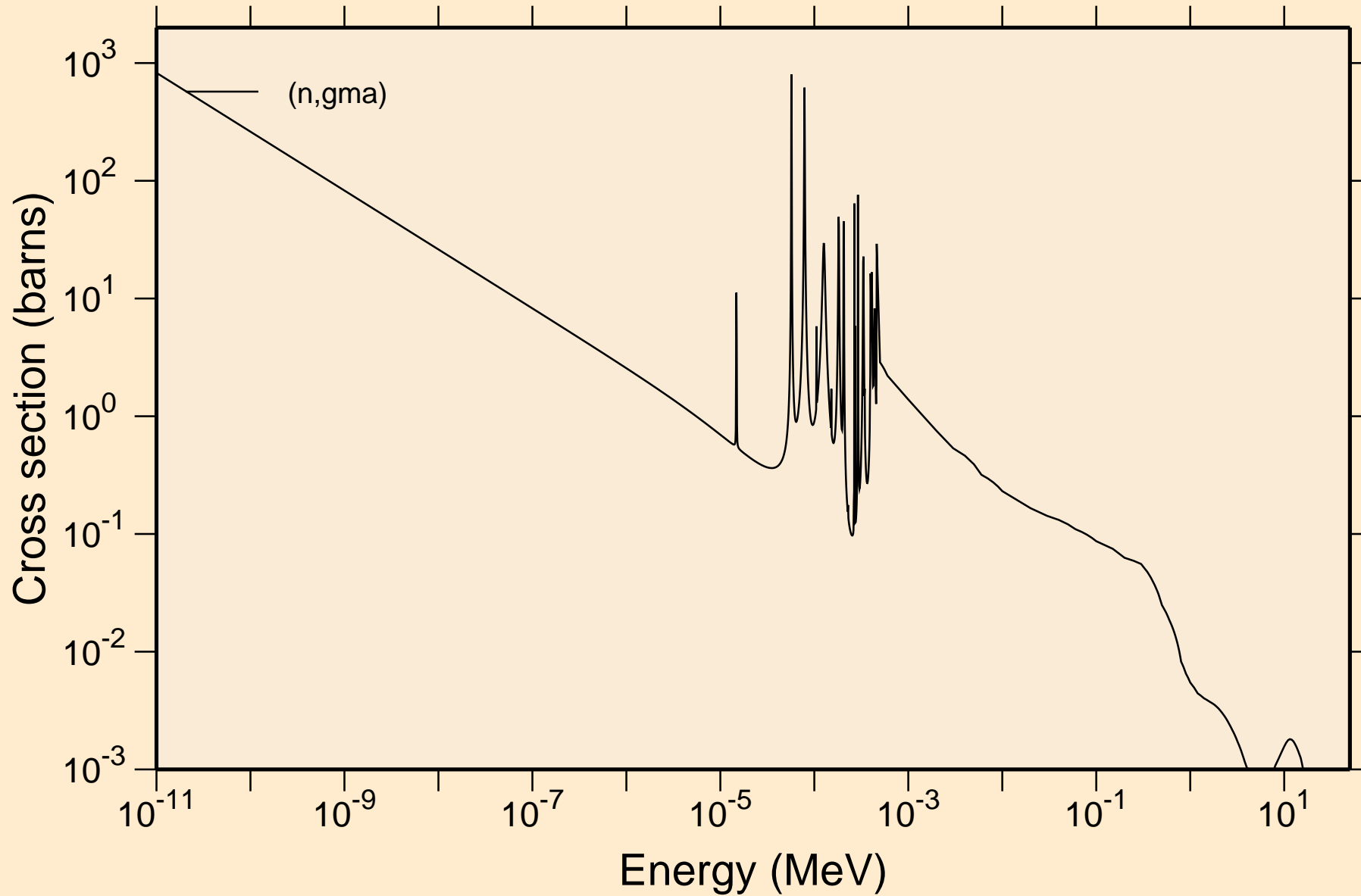


# YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Damage

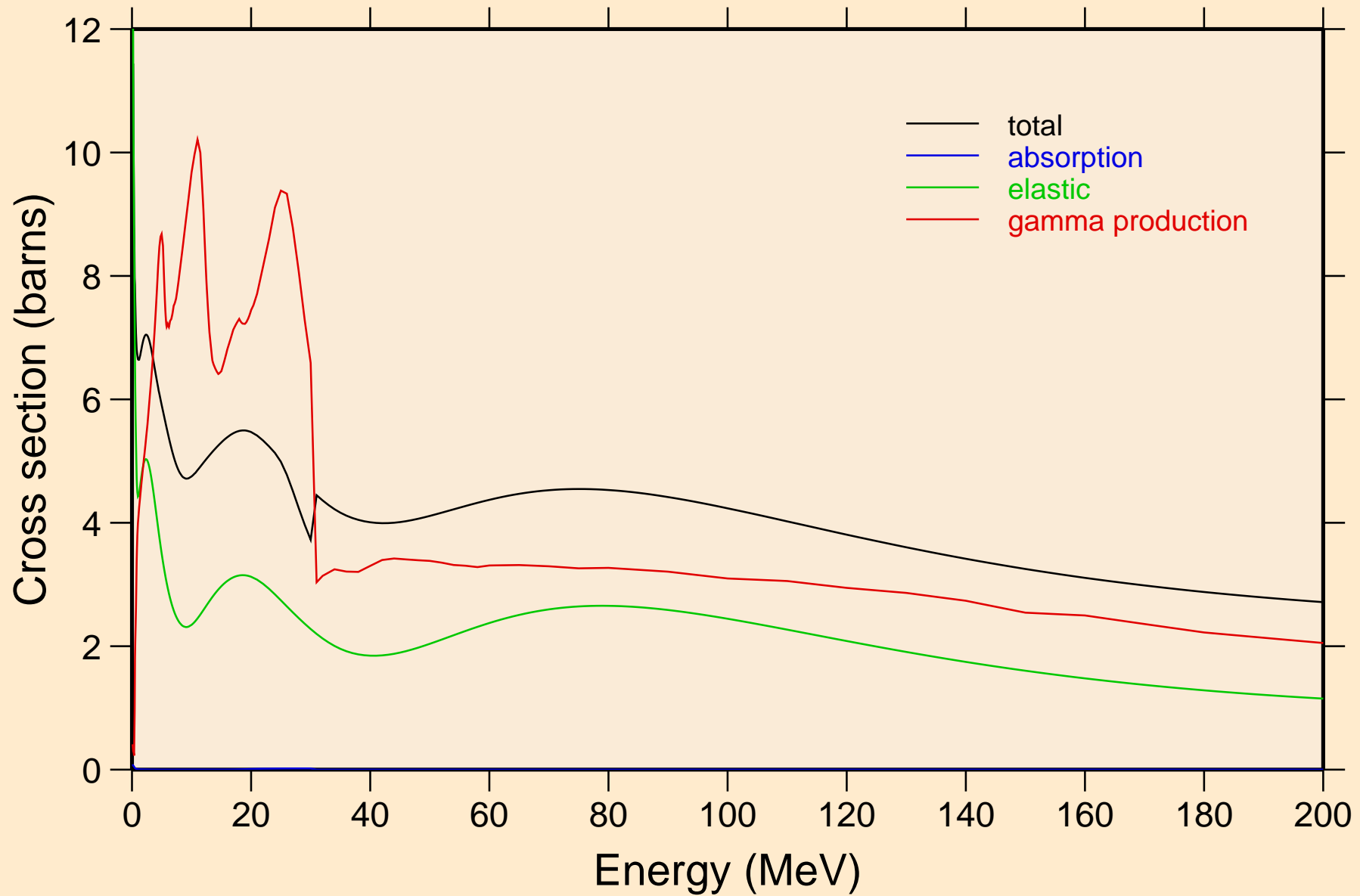


YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



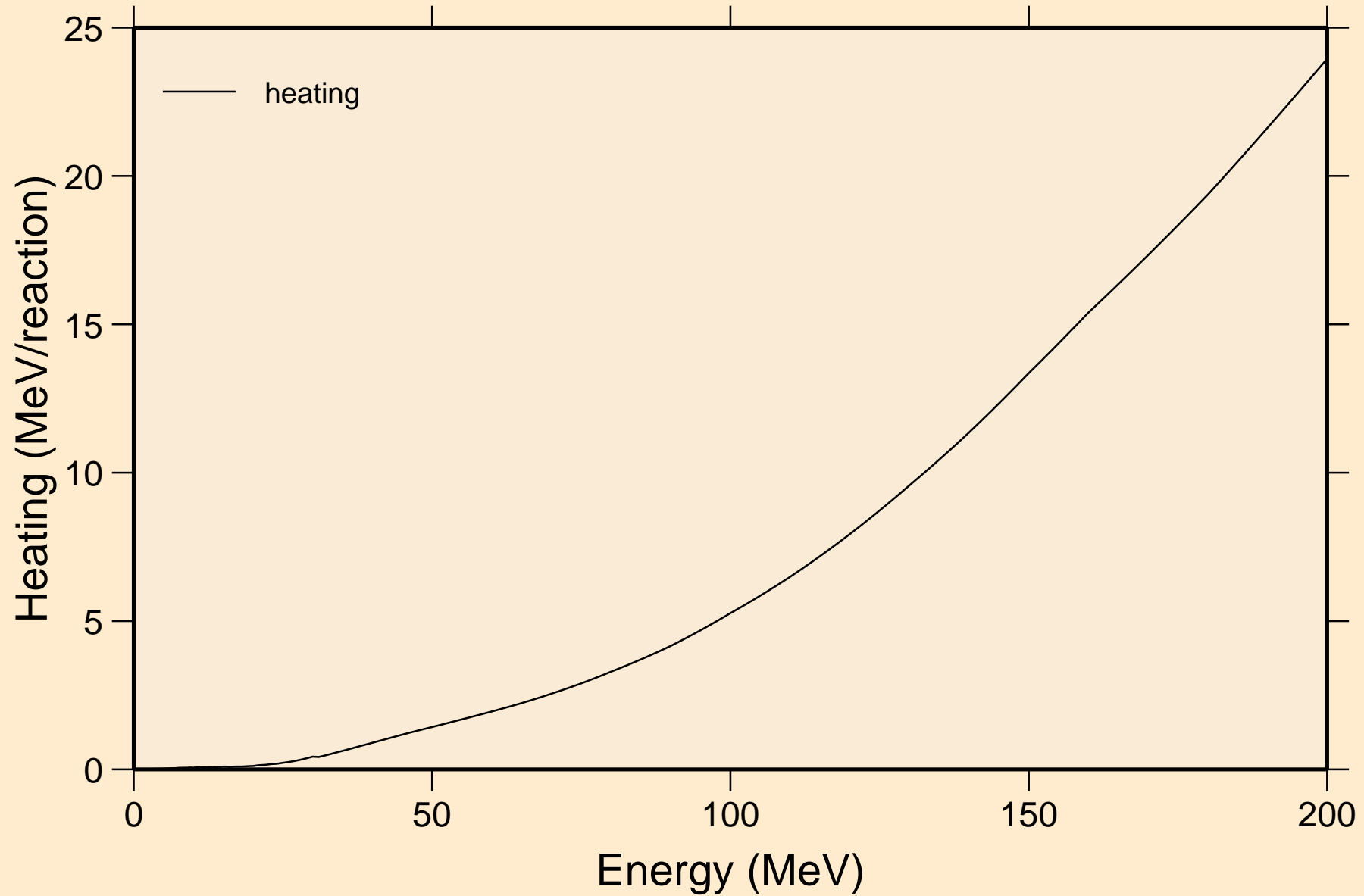
# YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections



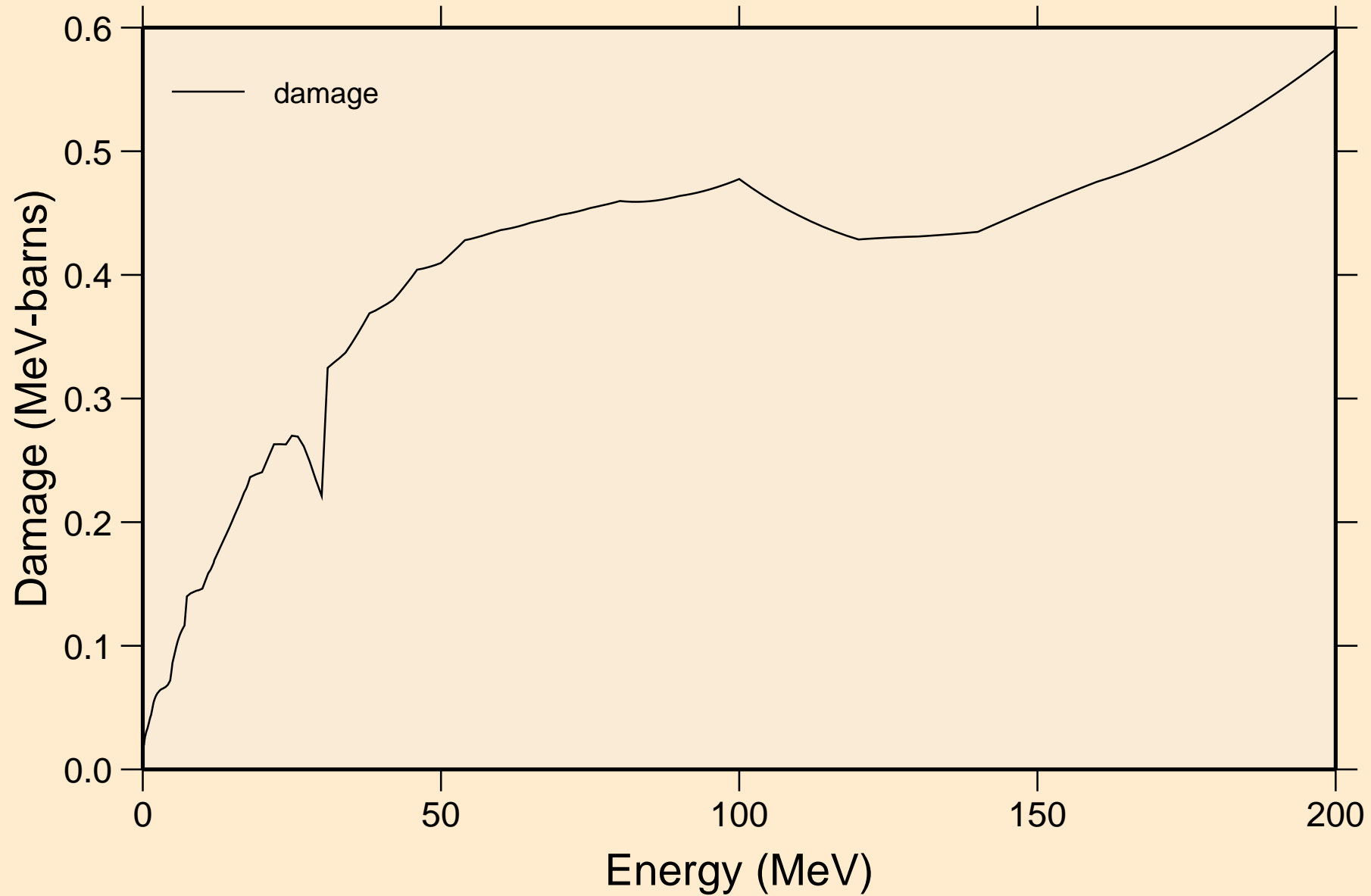
# YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Heating

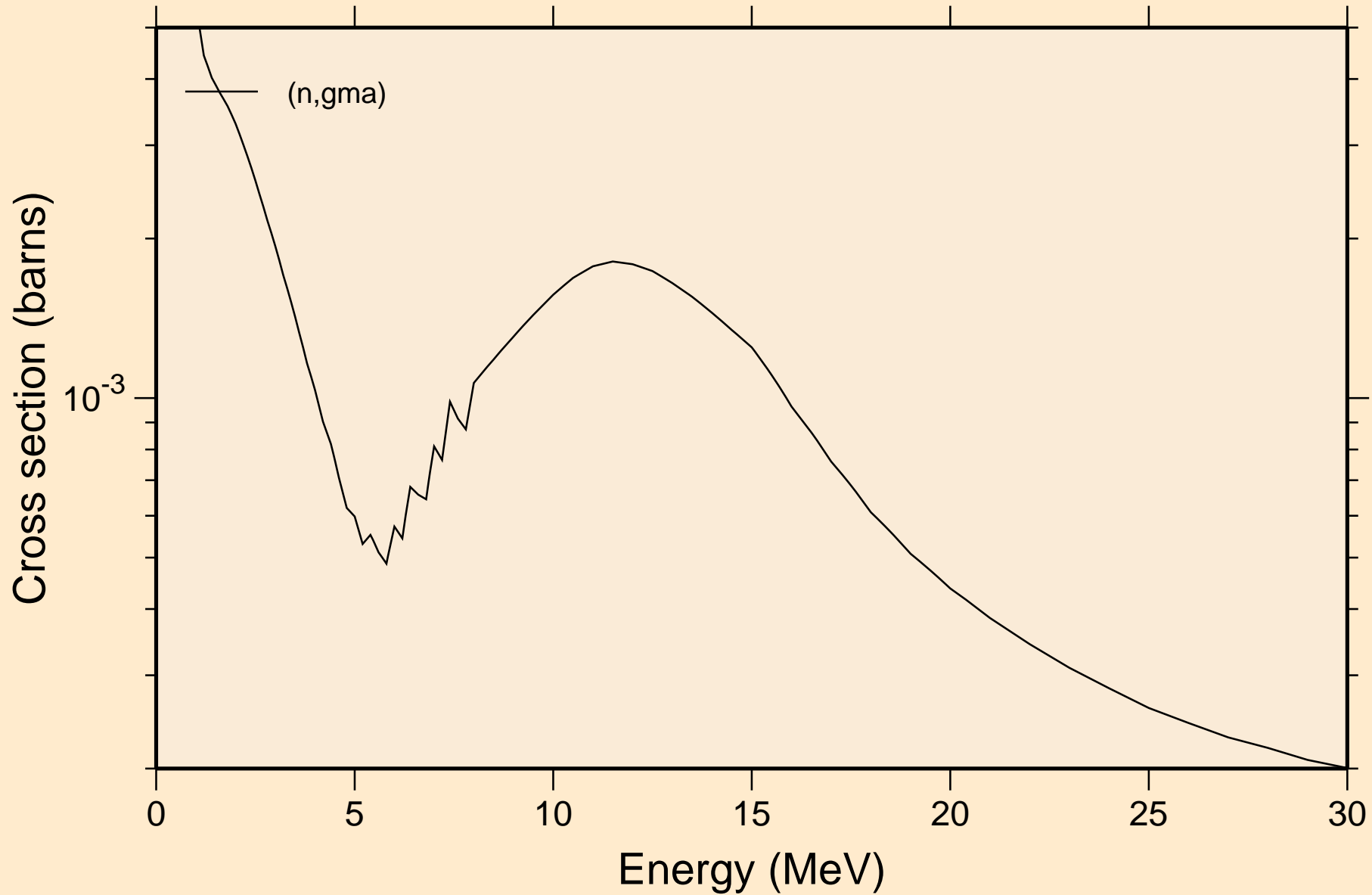


# YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

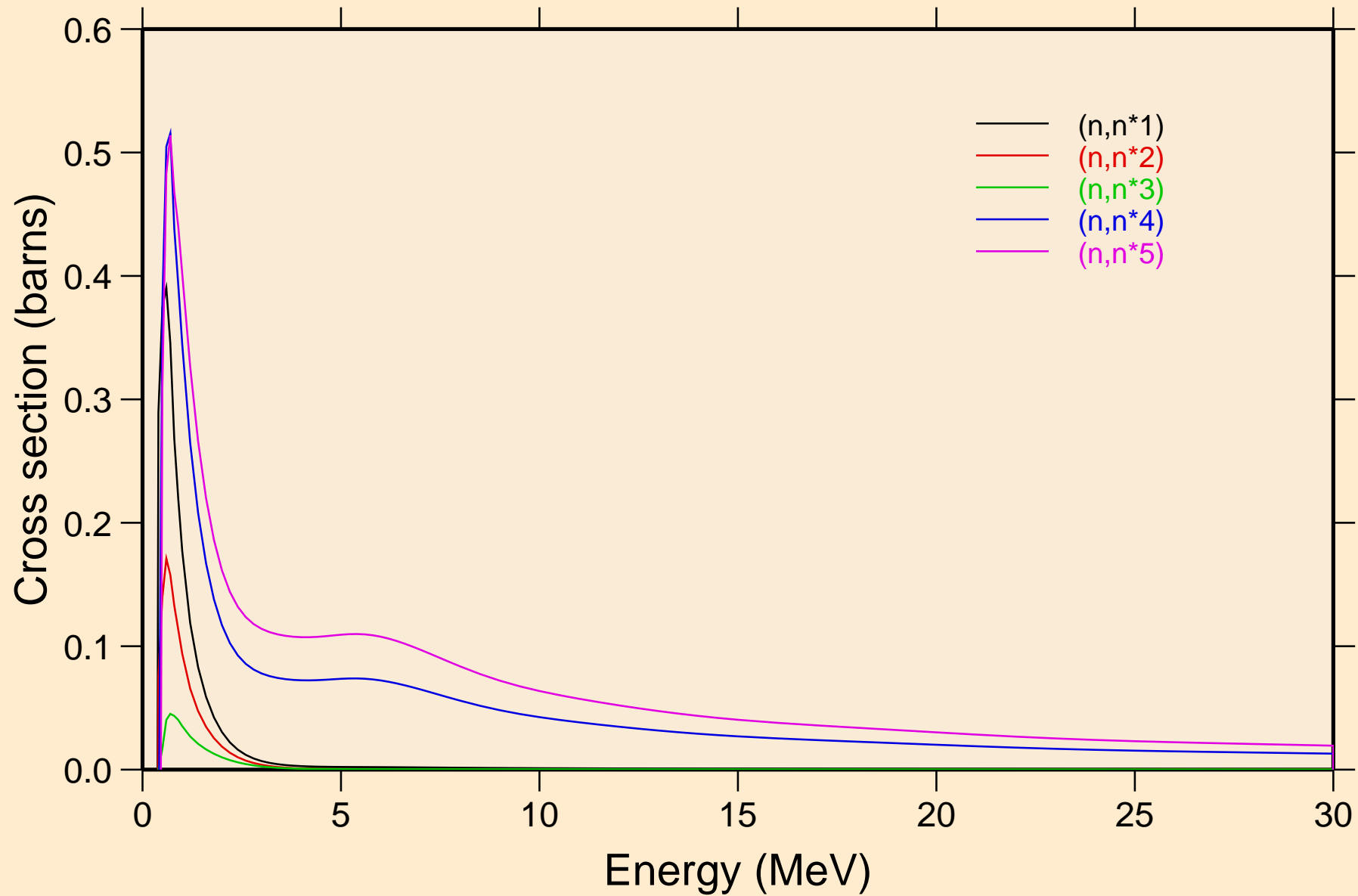
## Damage



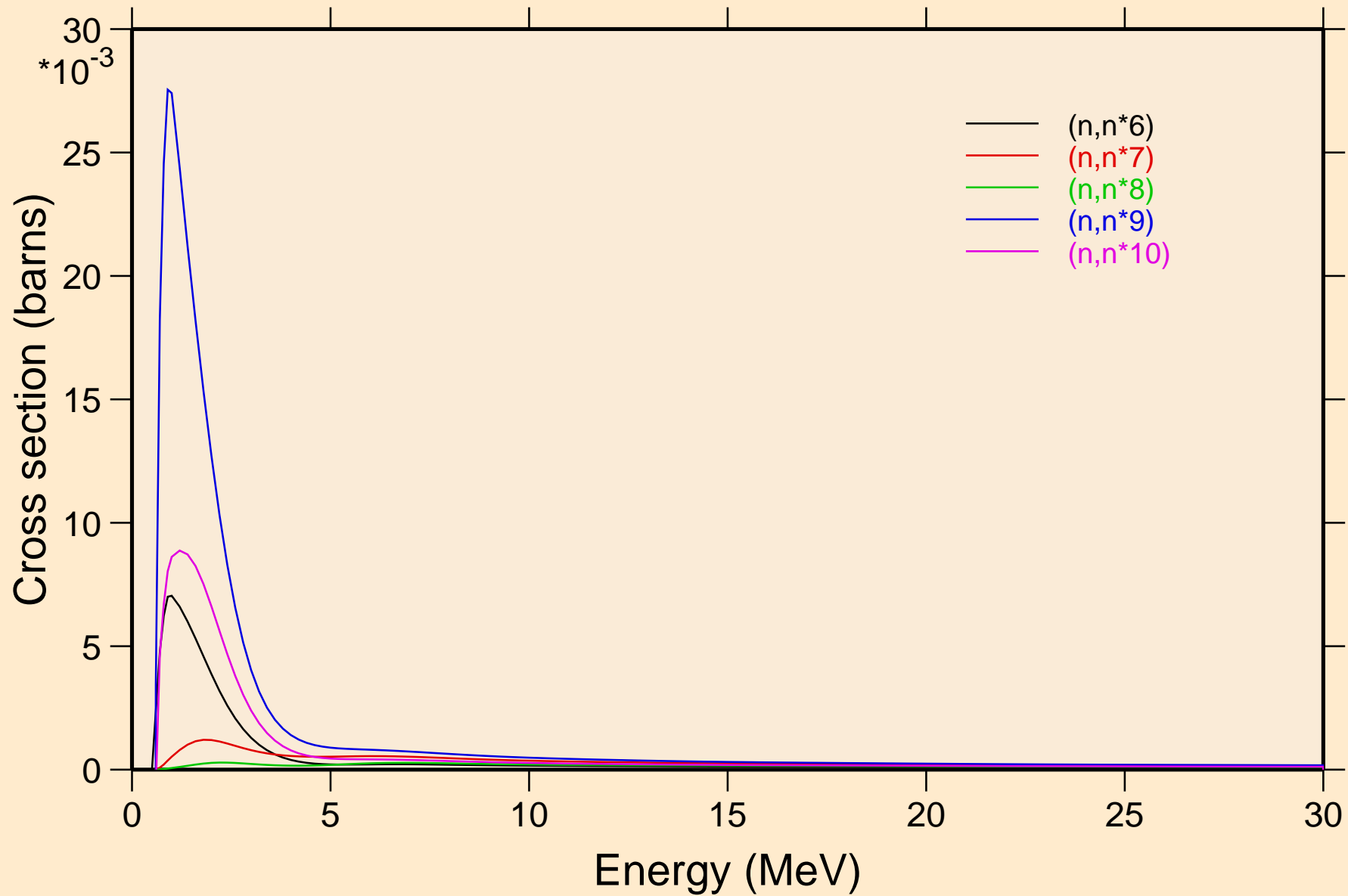
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



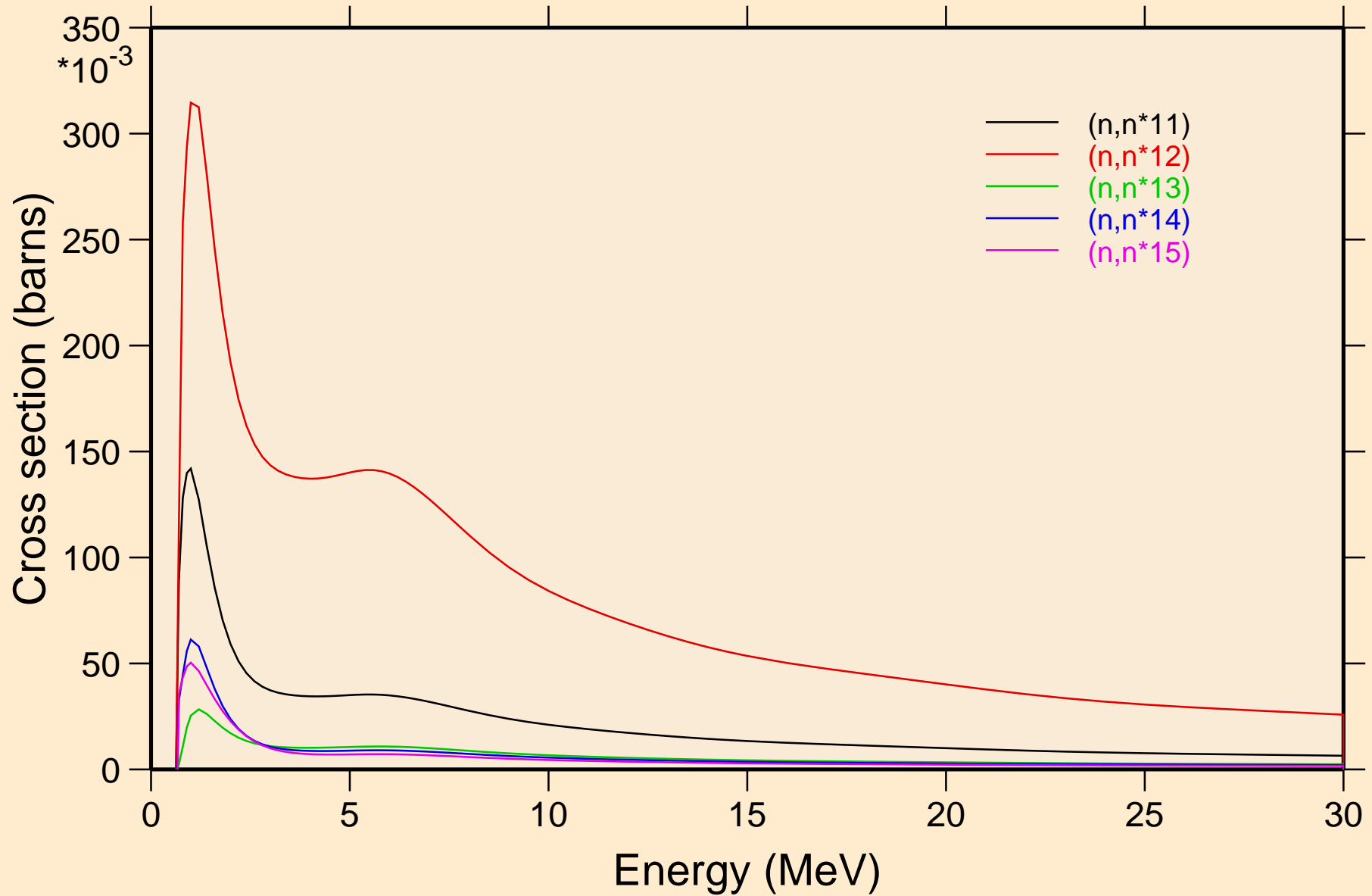
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



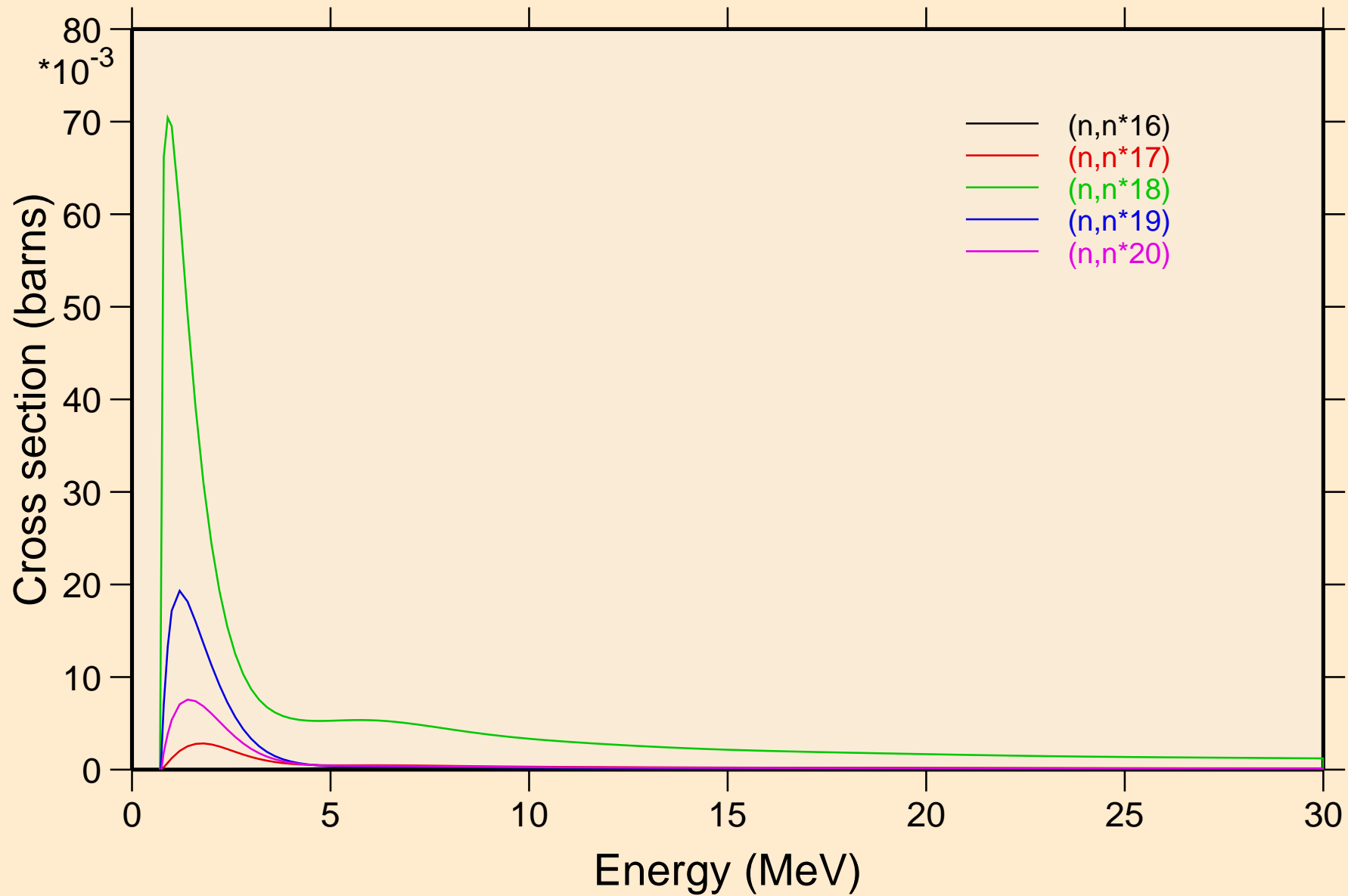
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



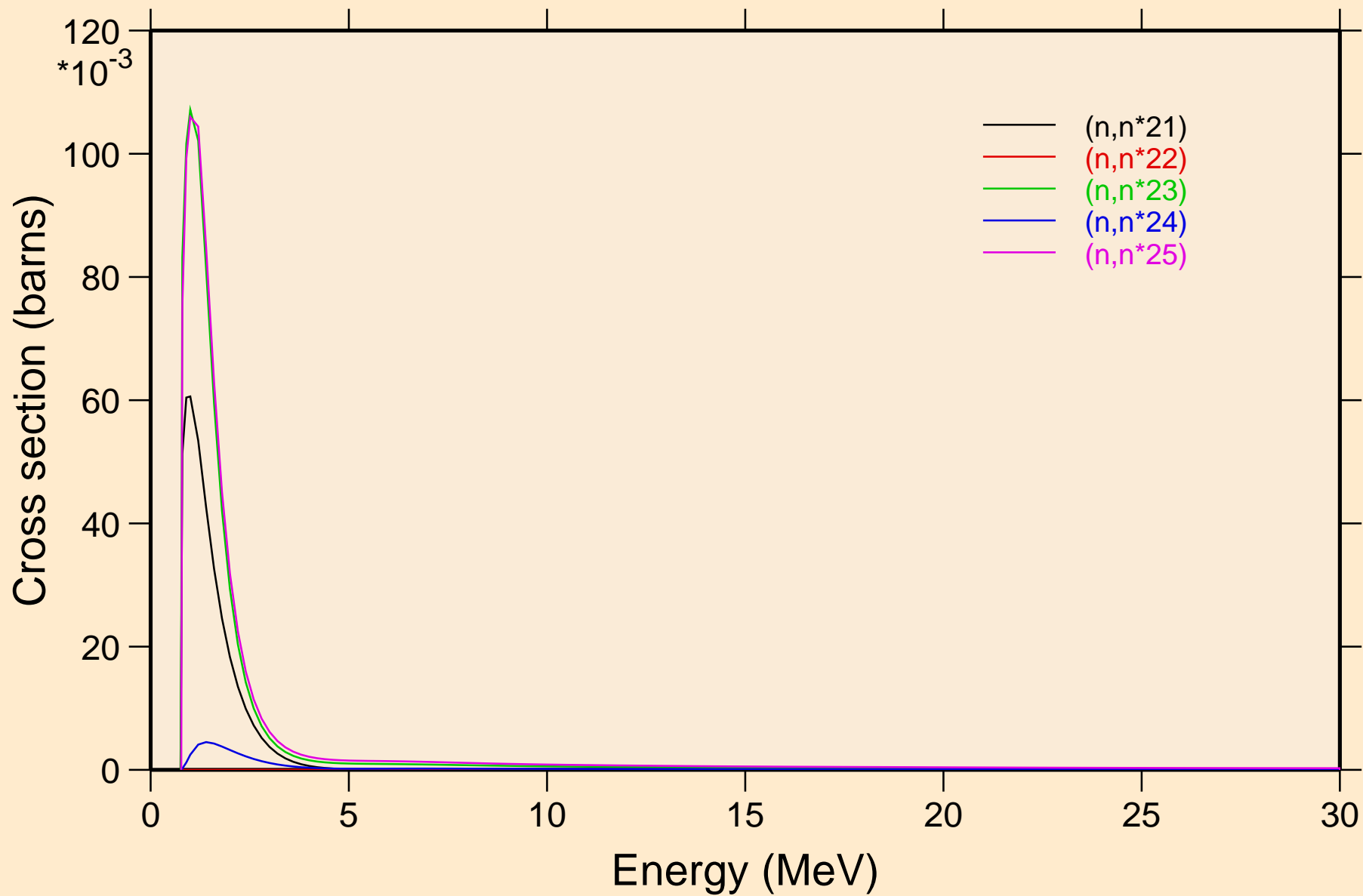
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



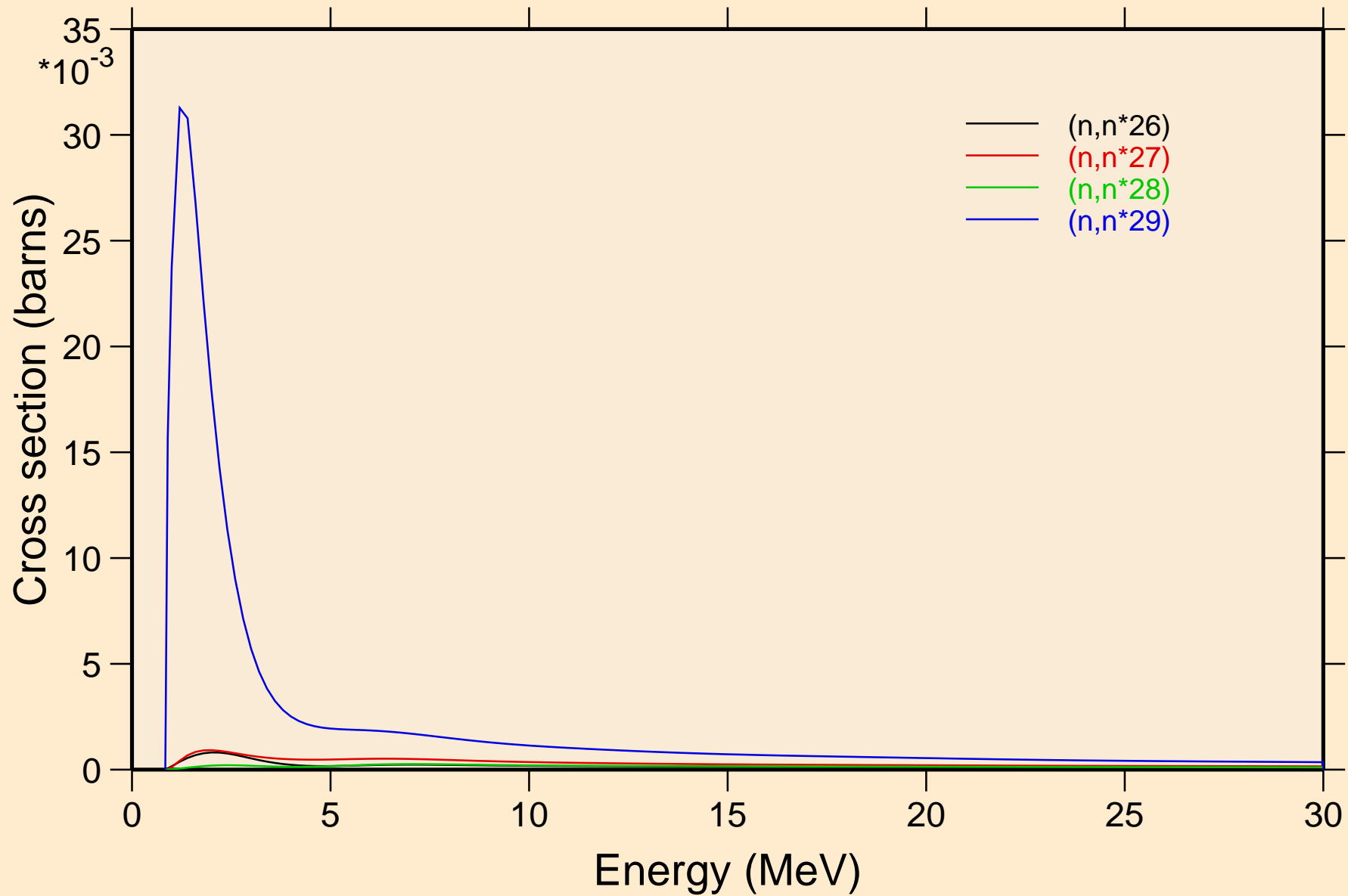
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



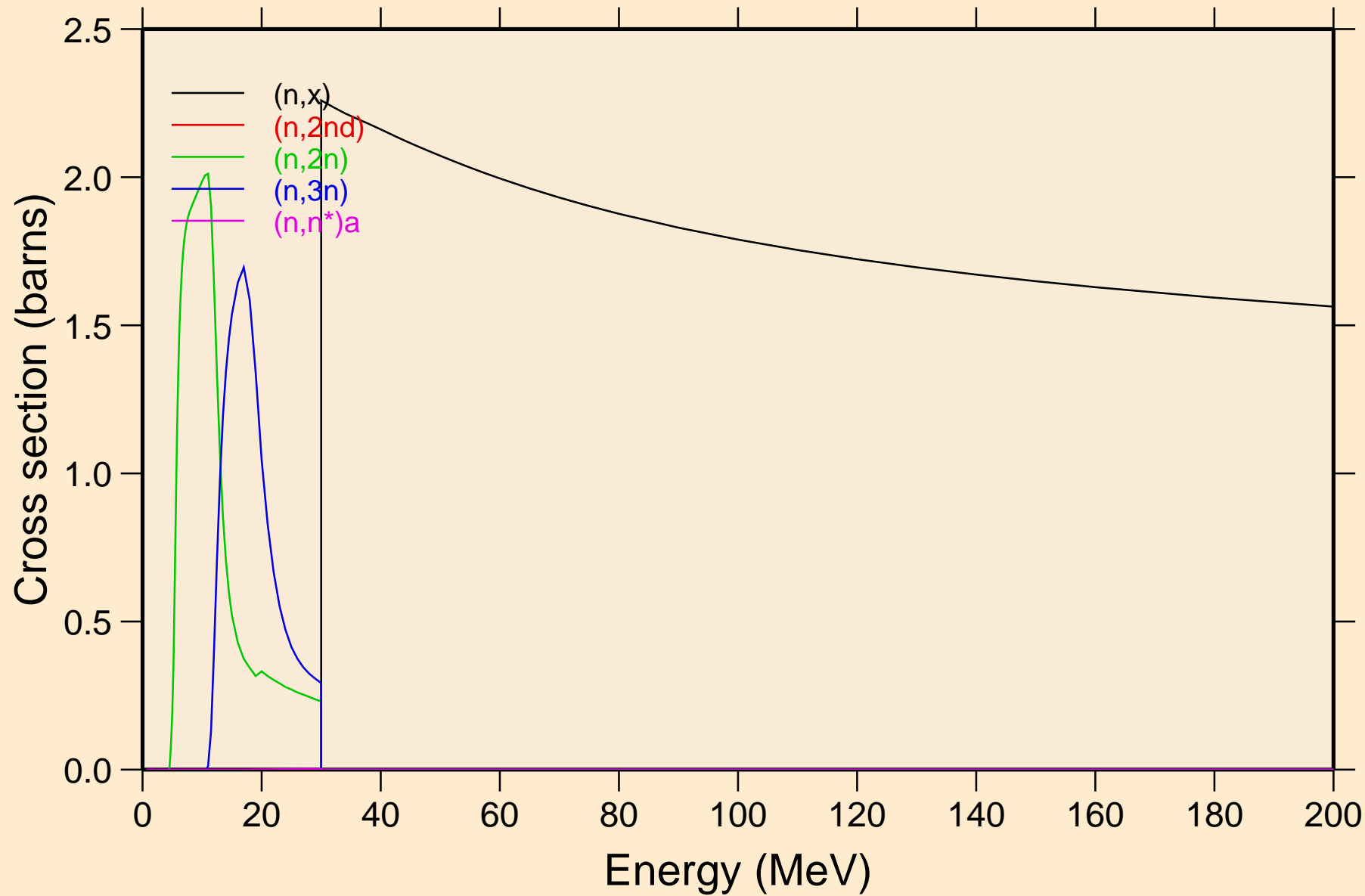
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



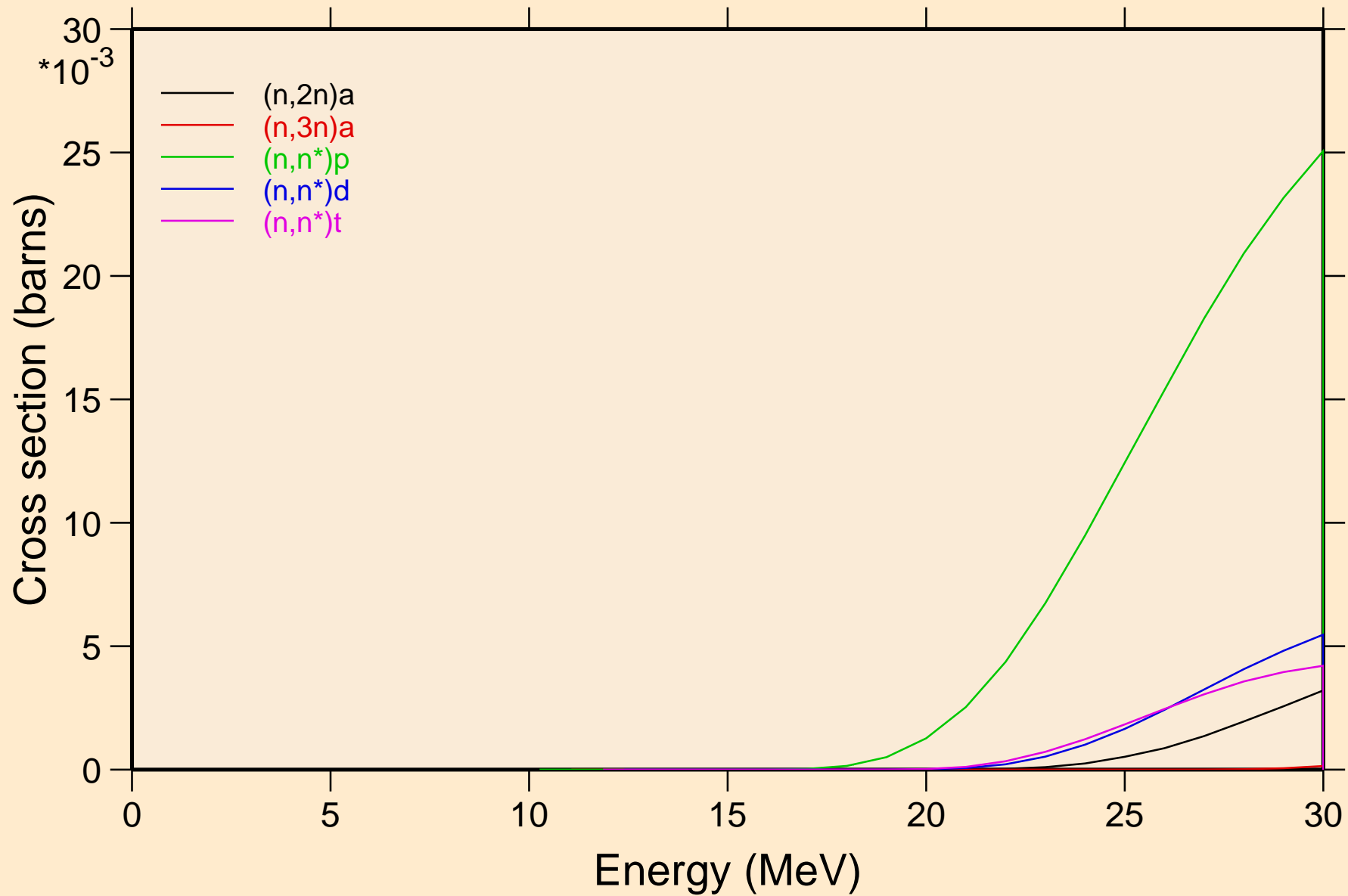
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



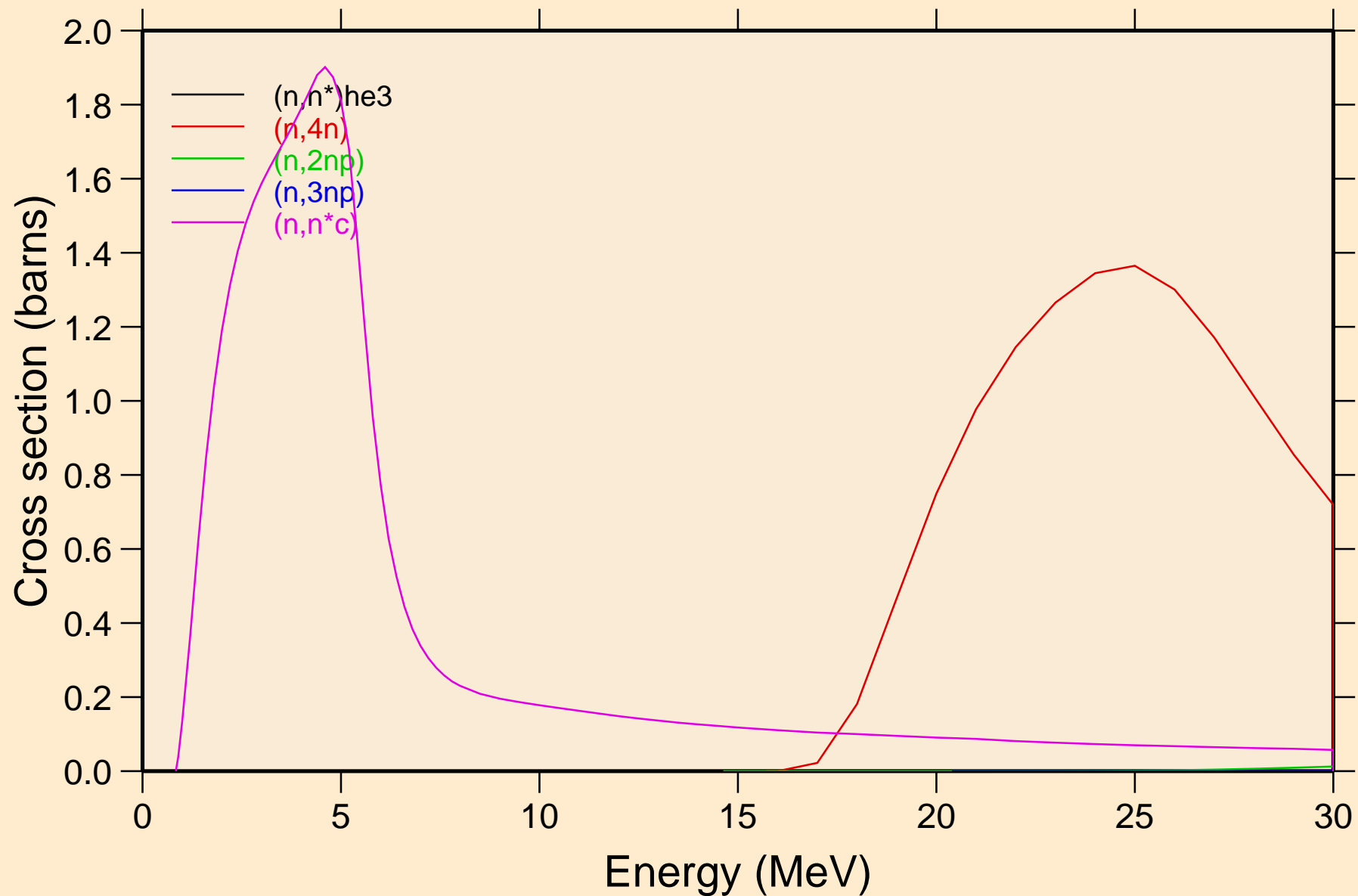
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



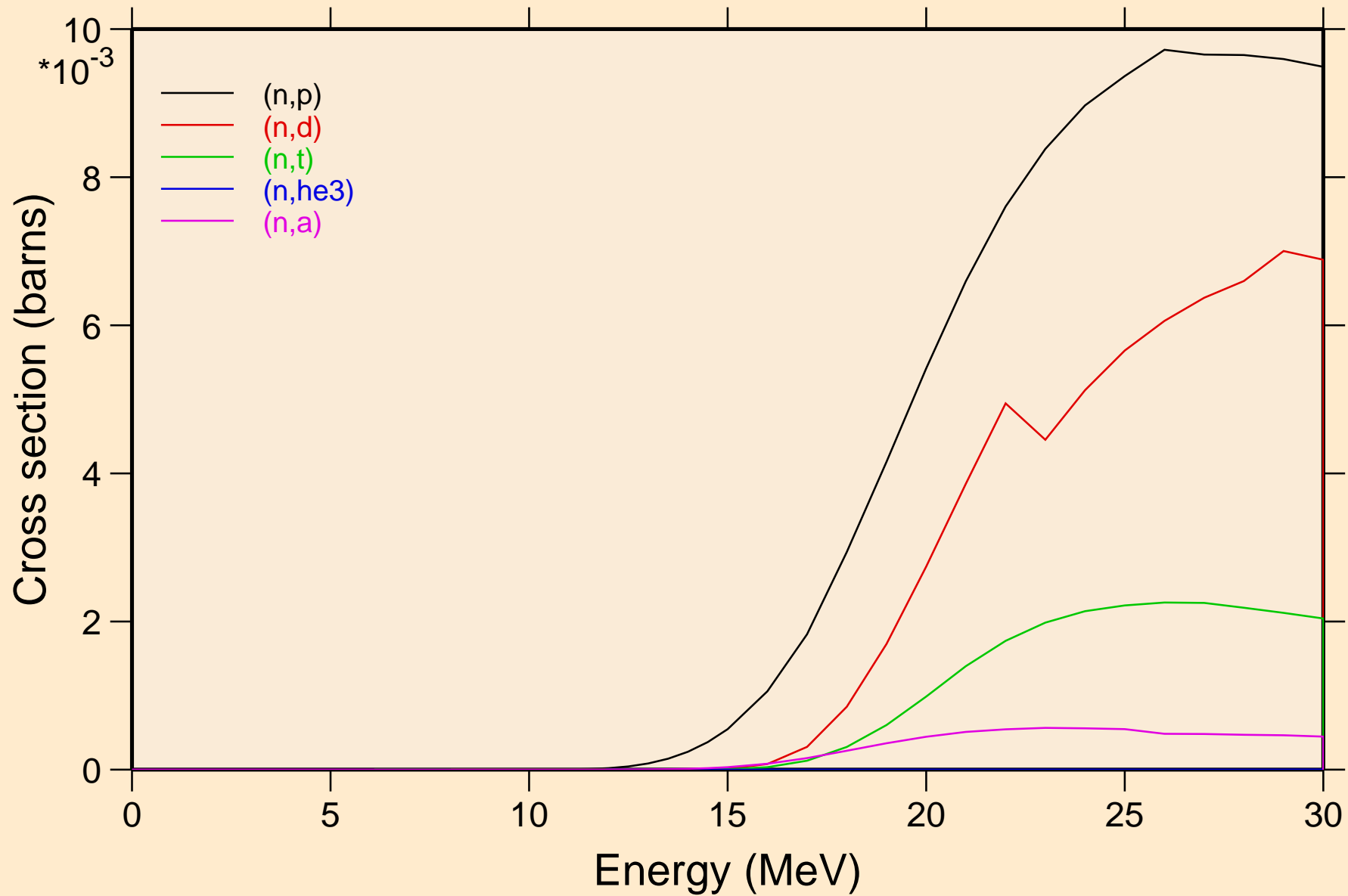
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



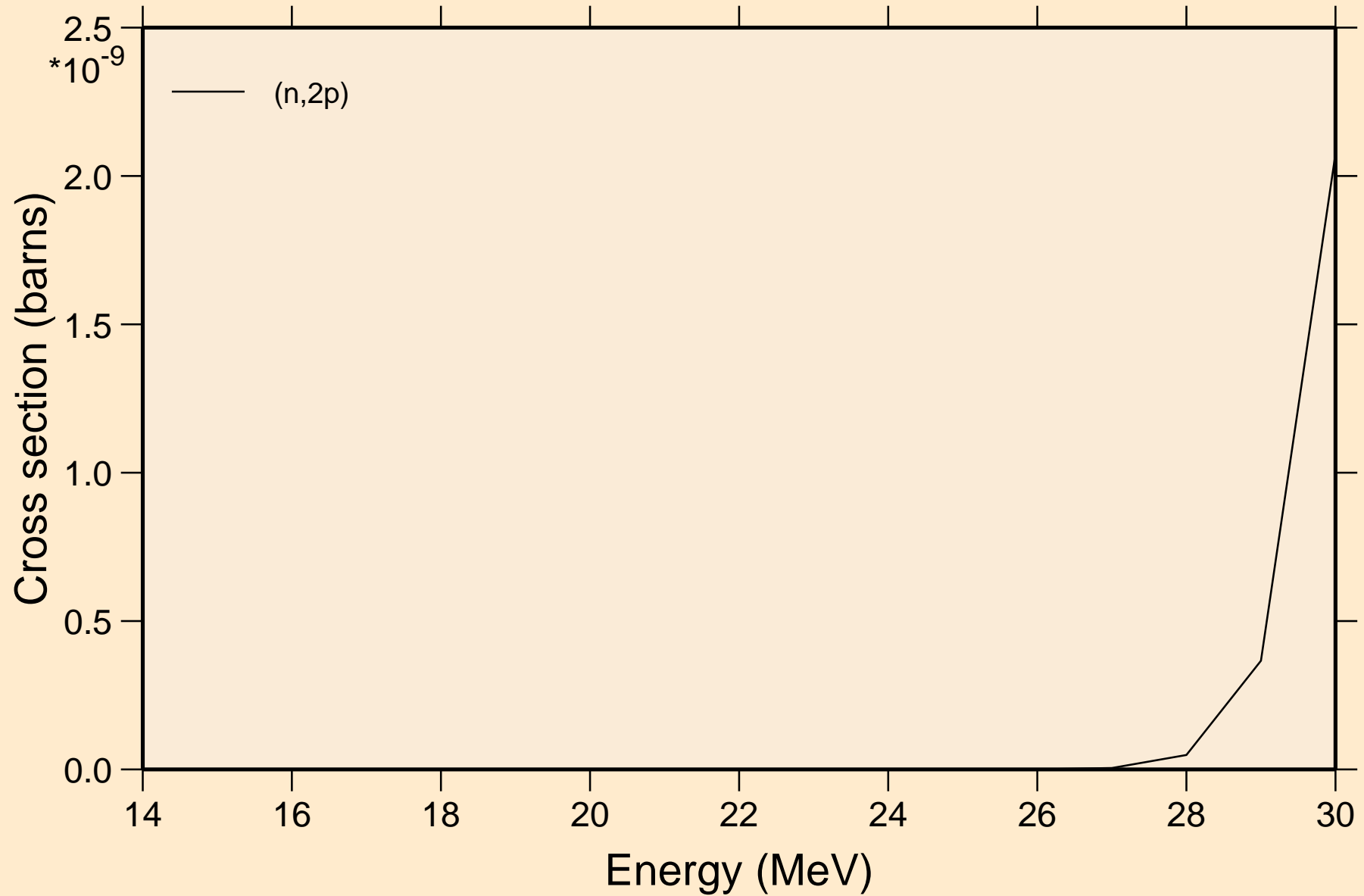
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



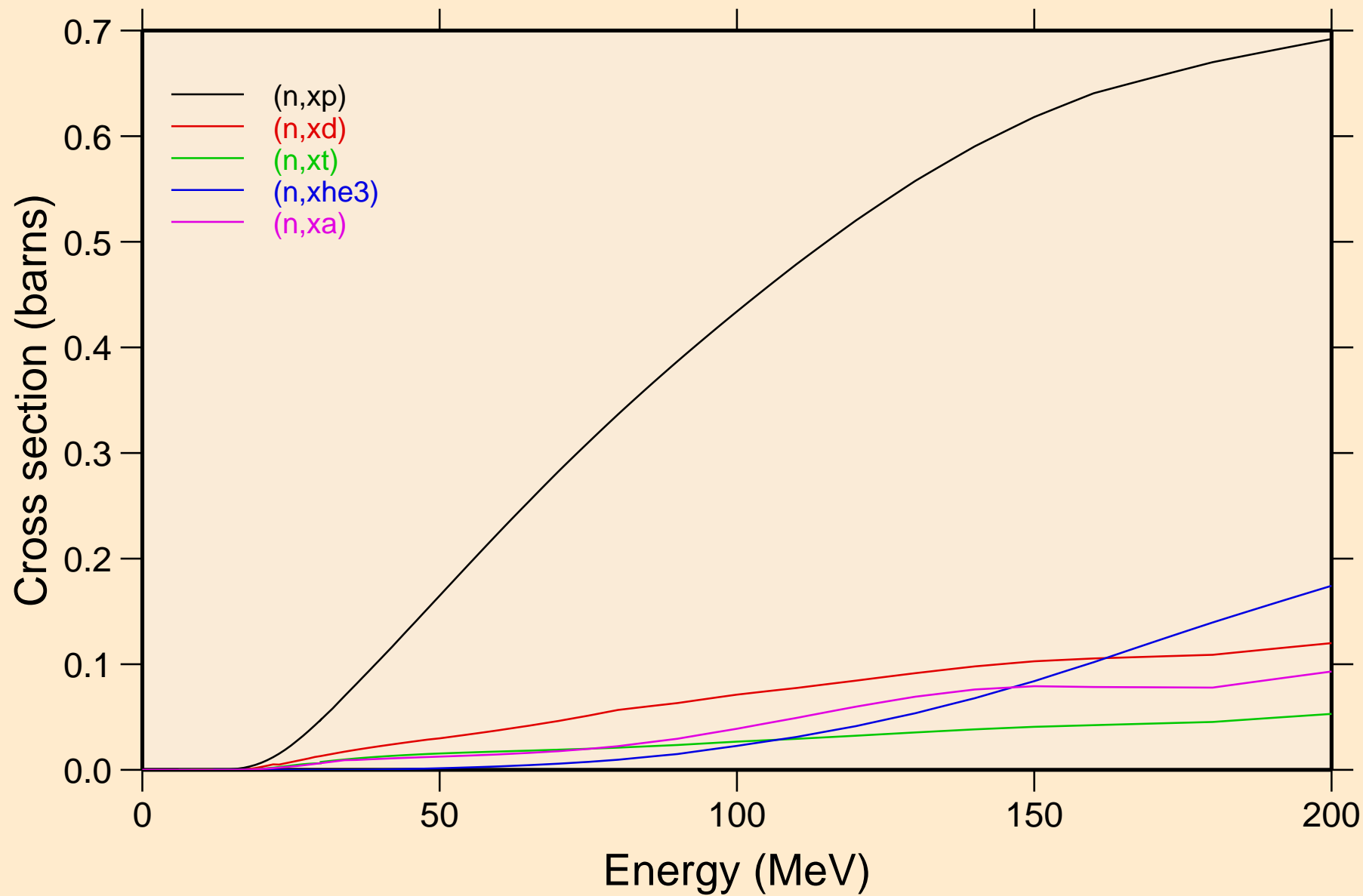
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



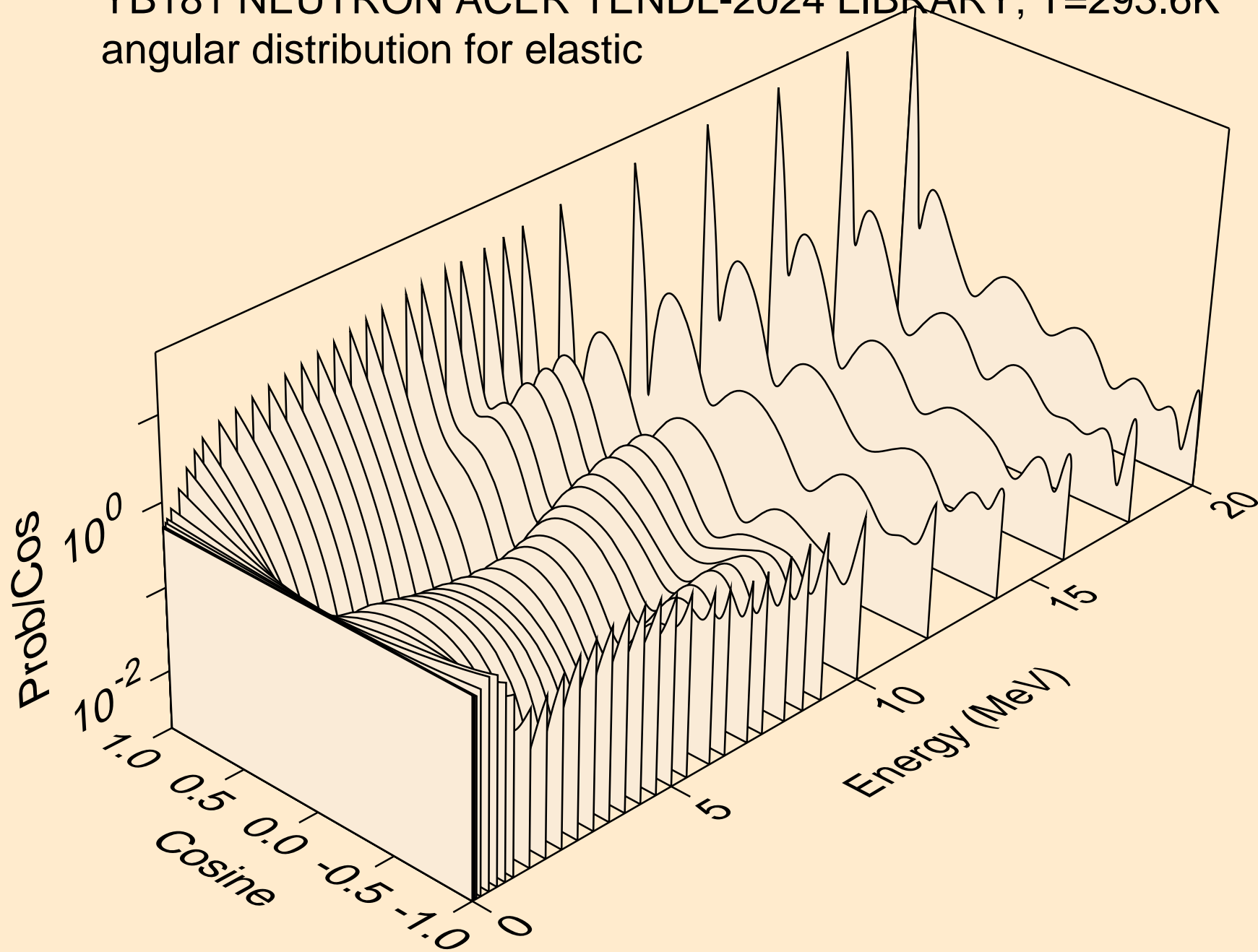
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



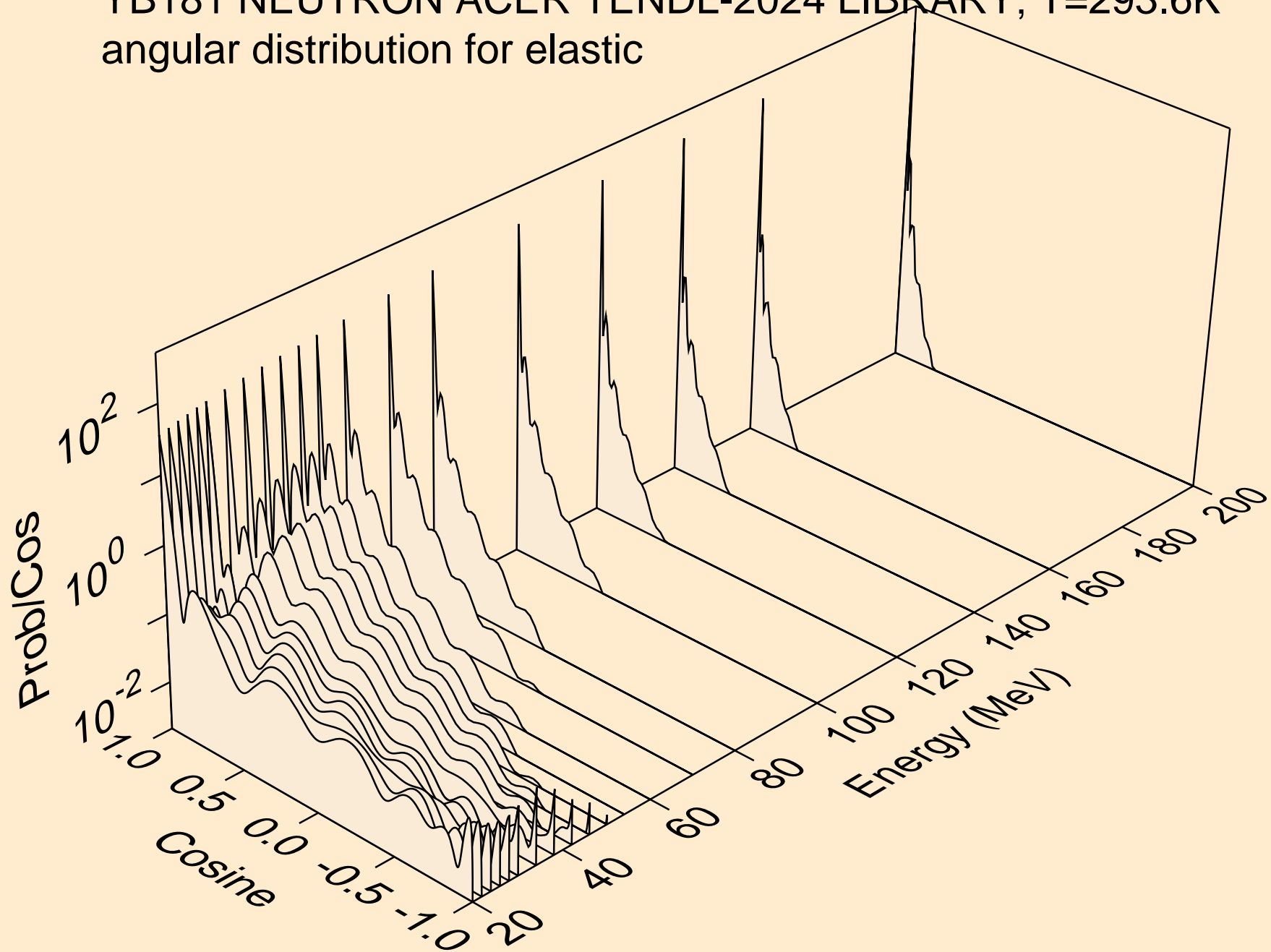
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



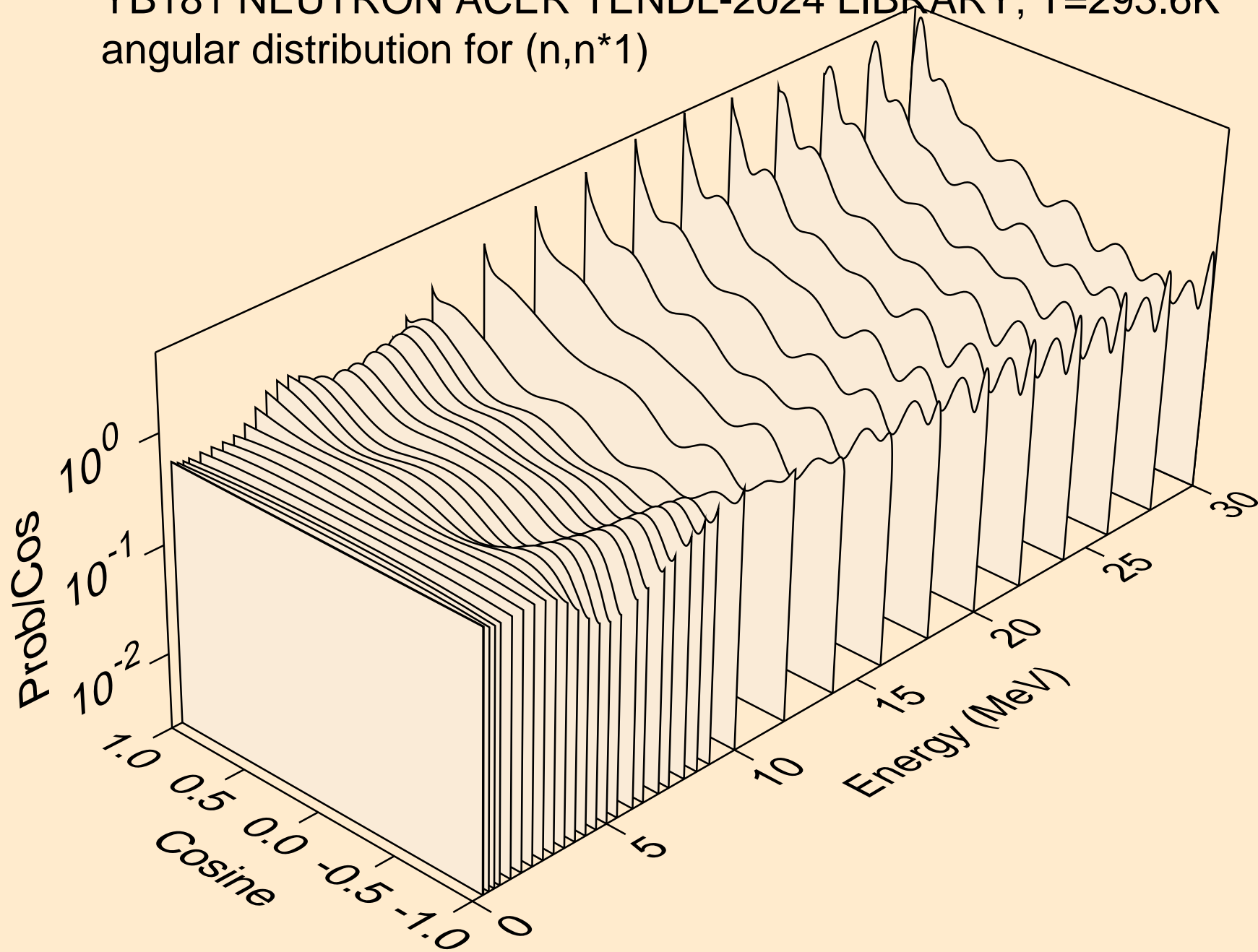
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



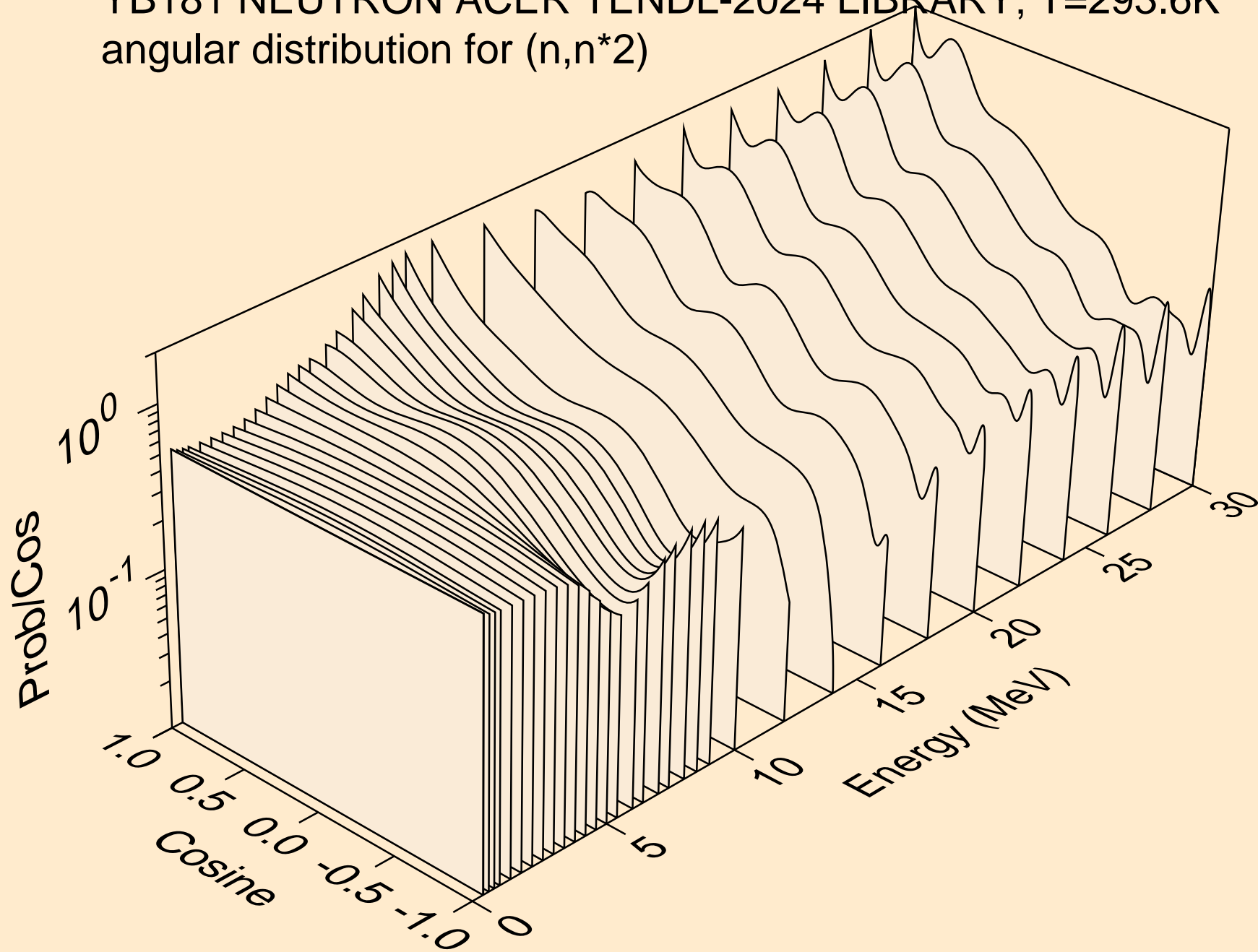
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



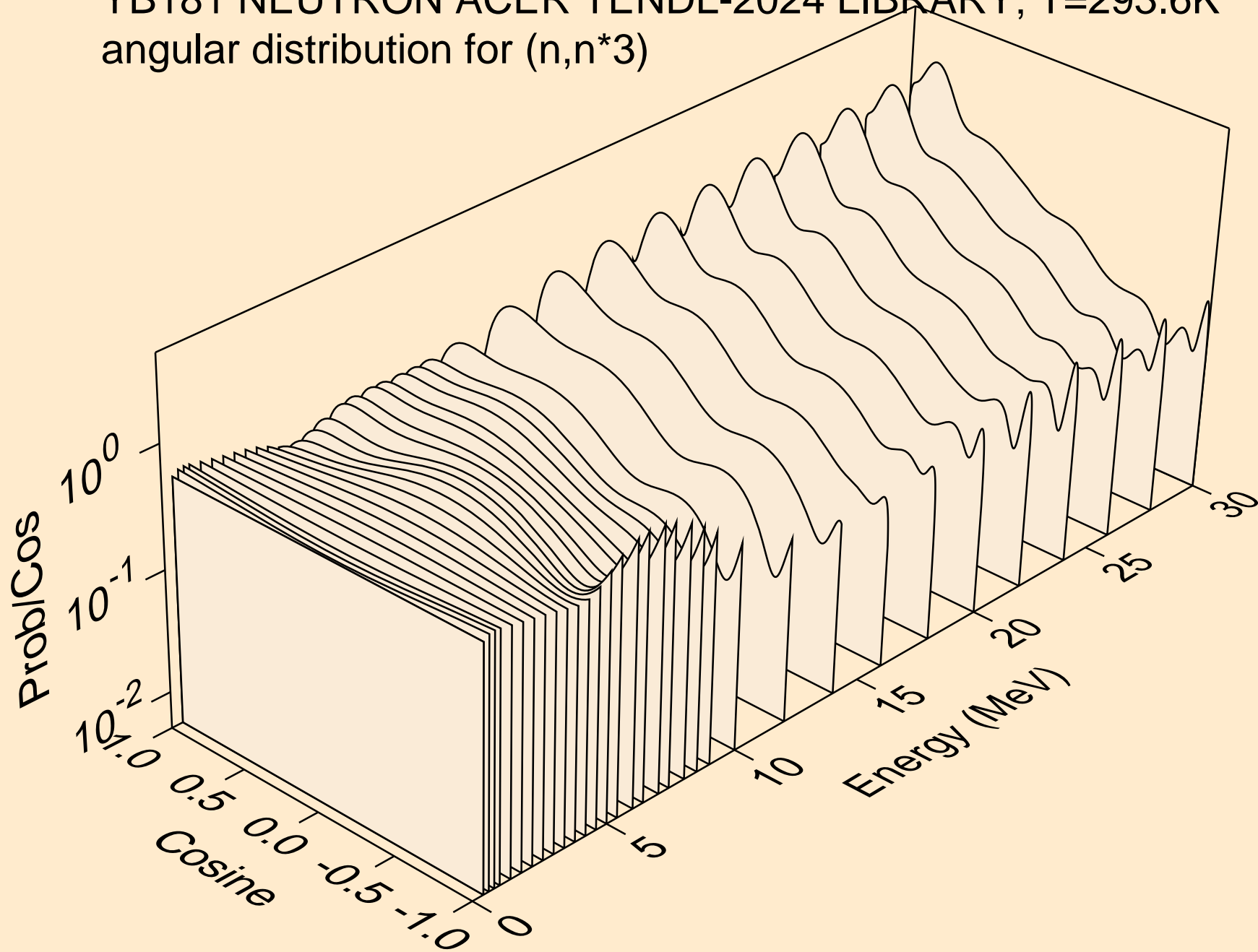
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



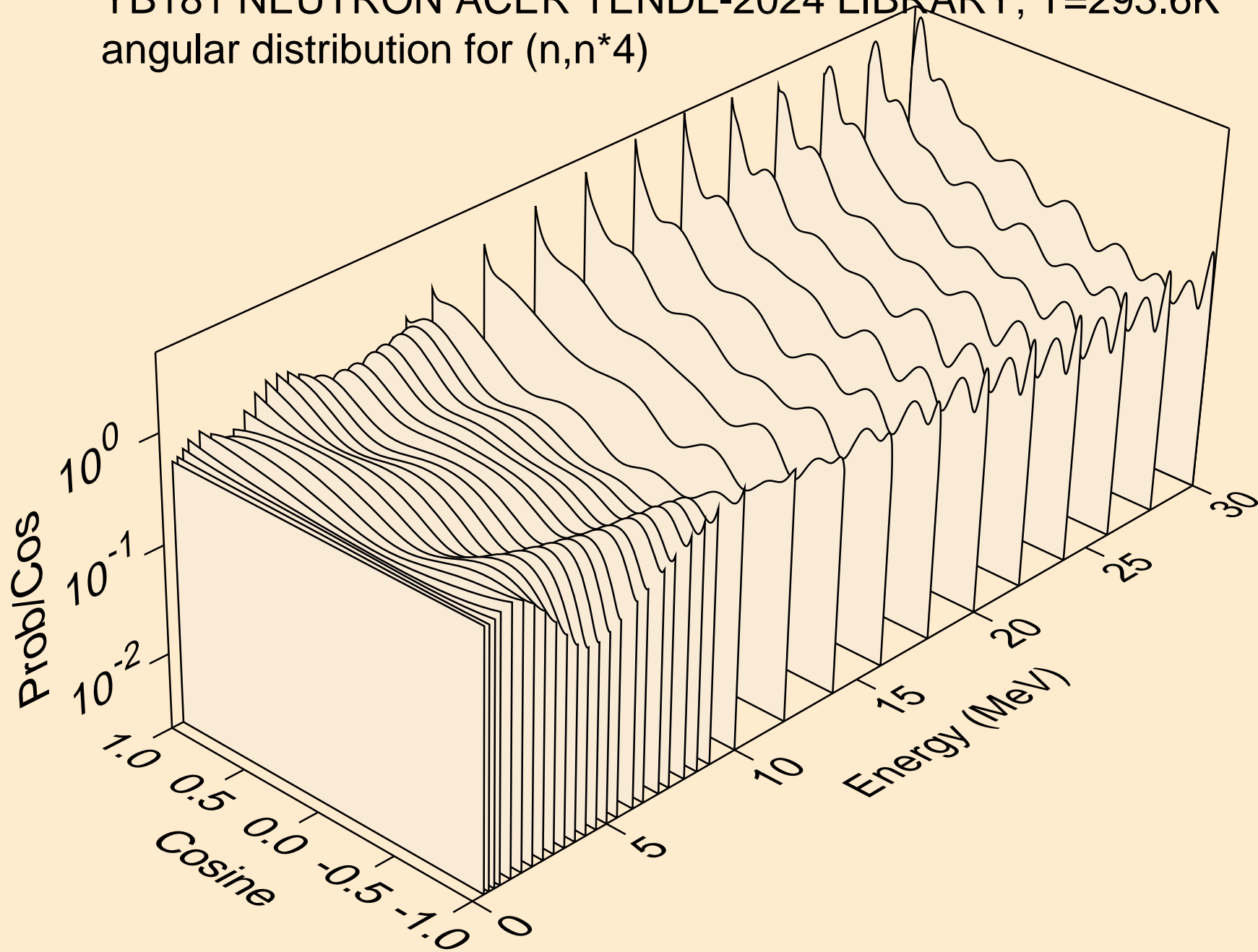
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



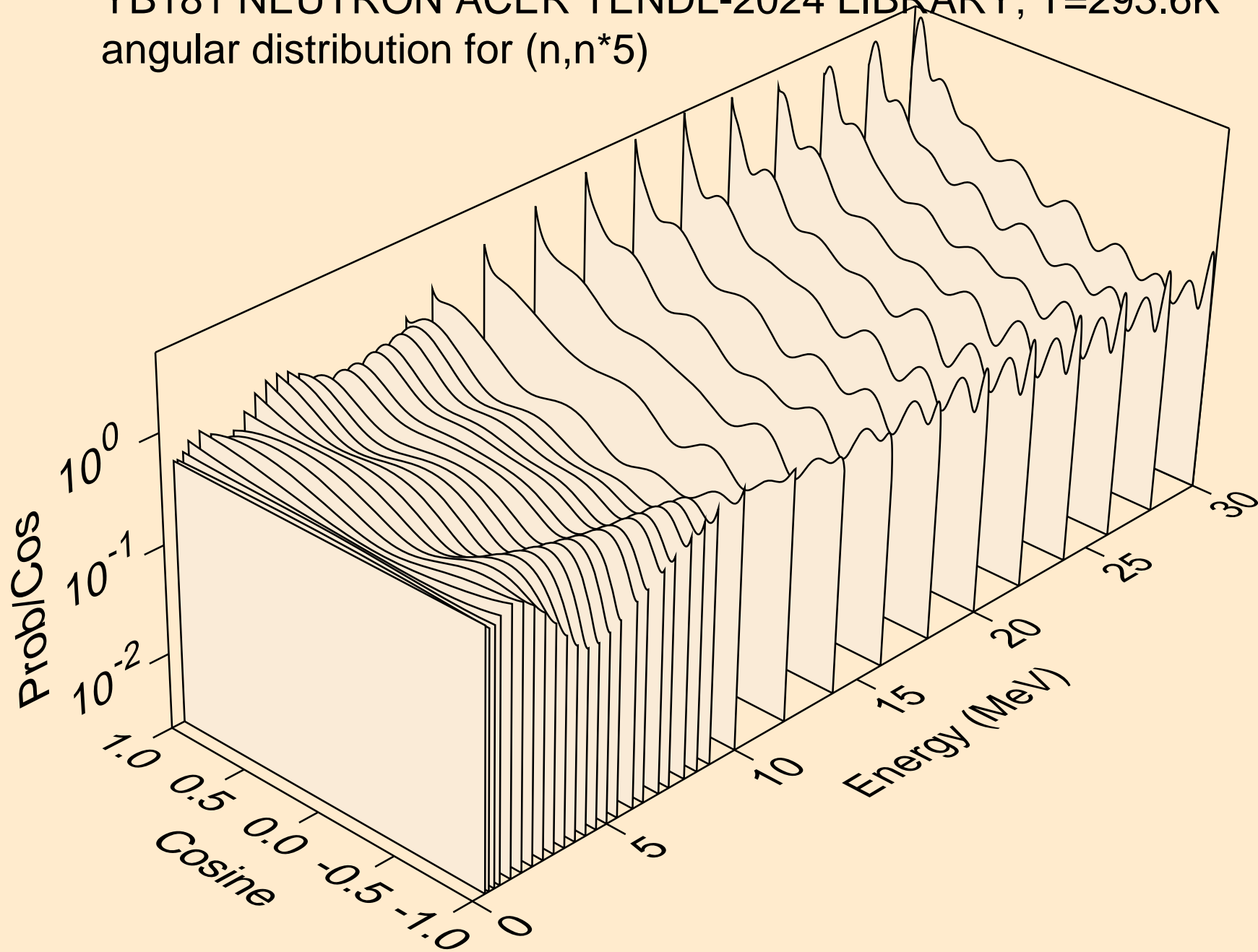
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



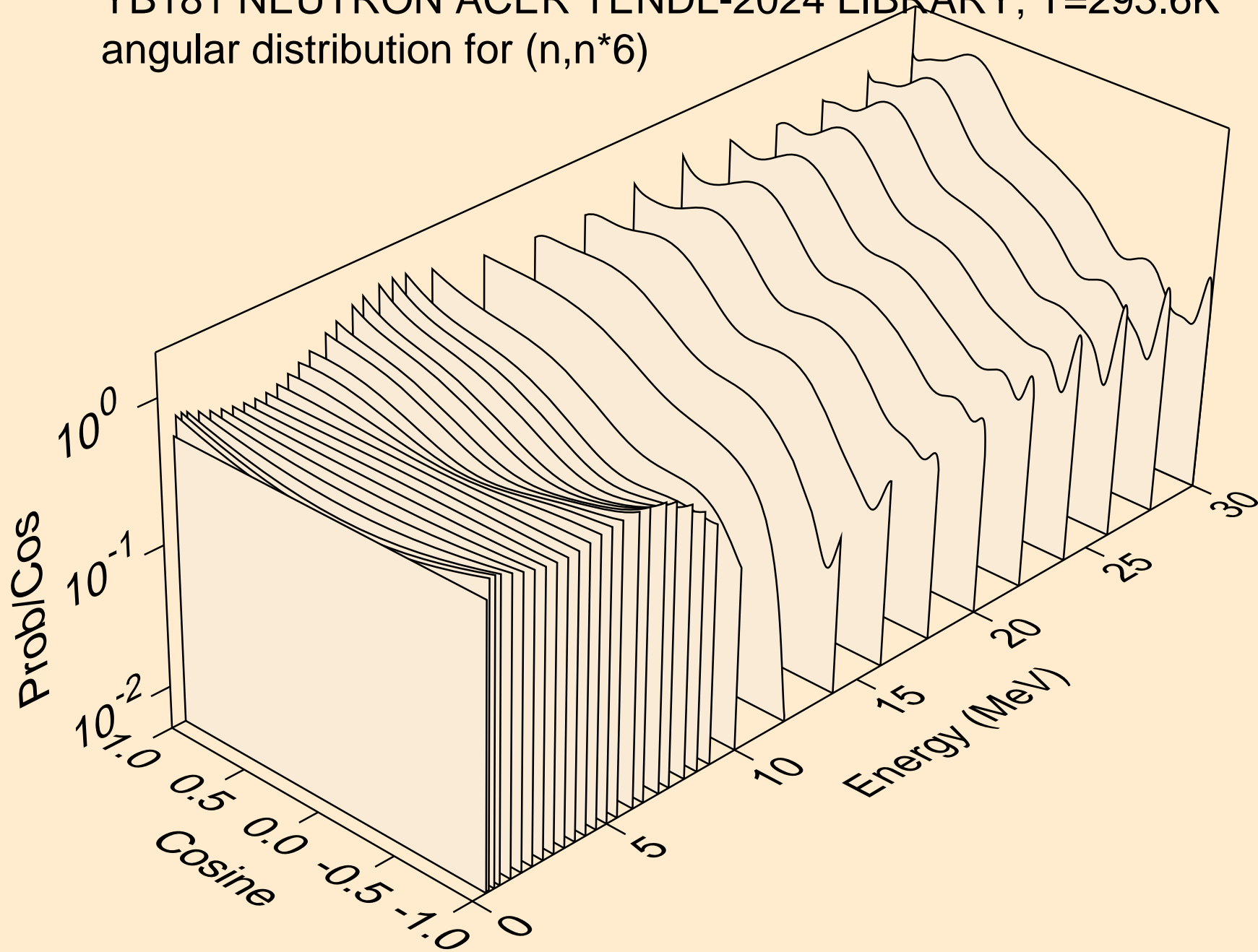
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



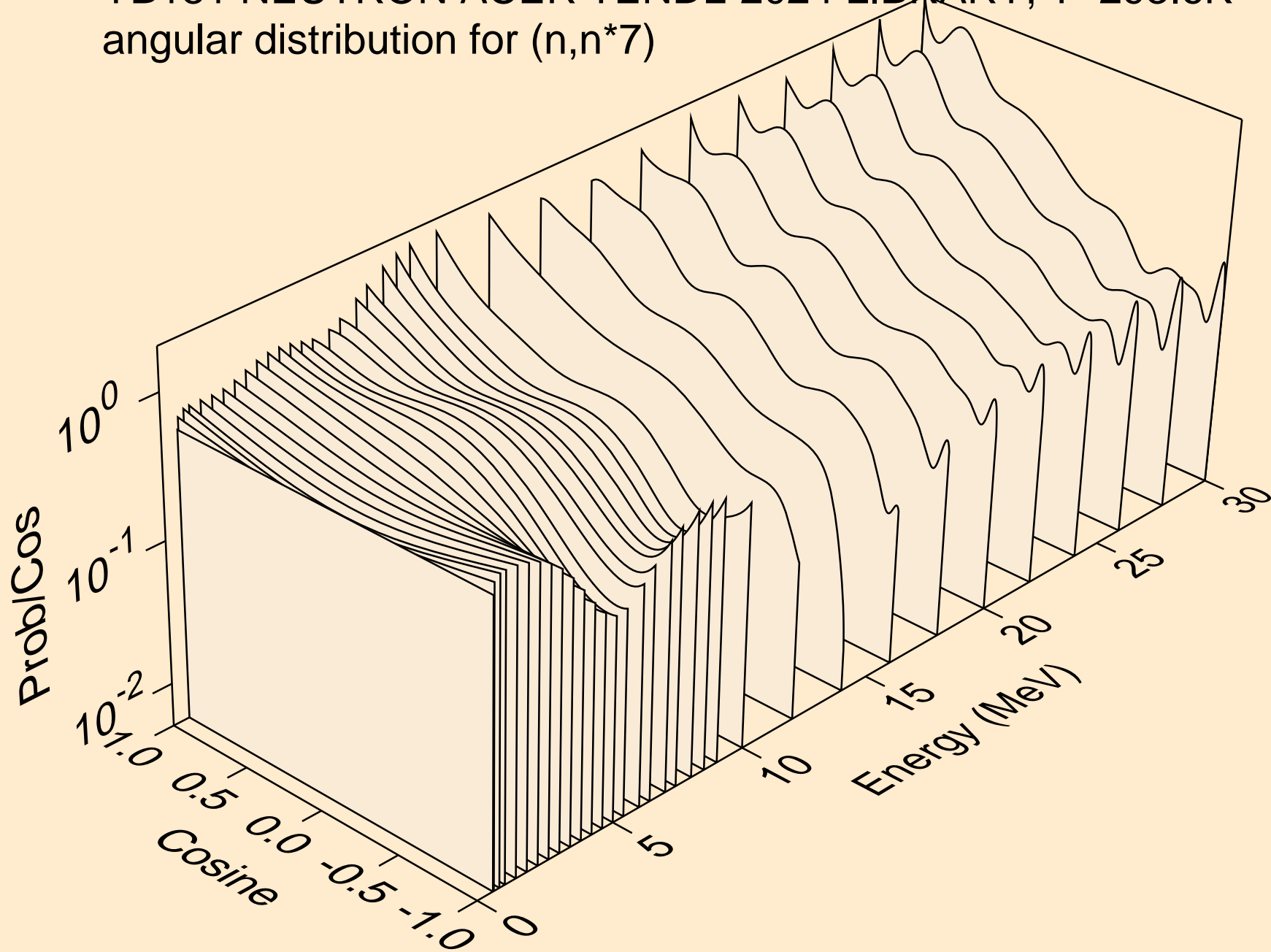
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



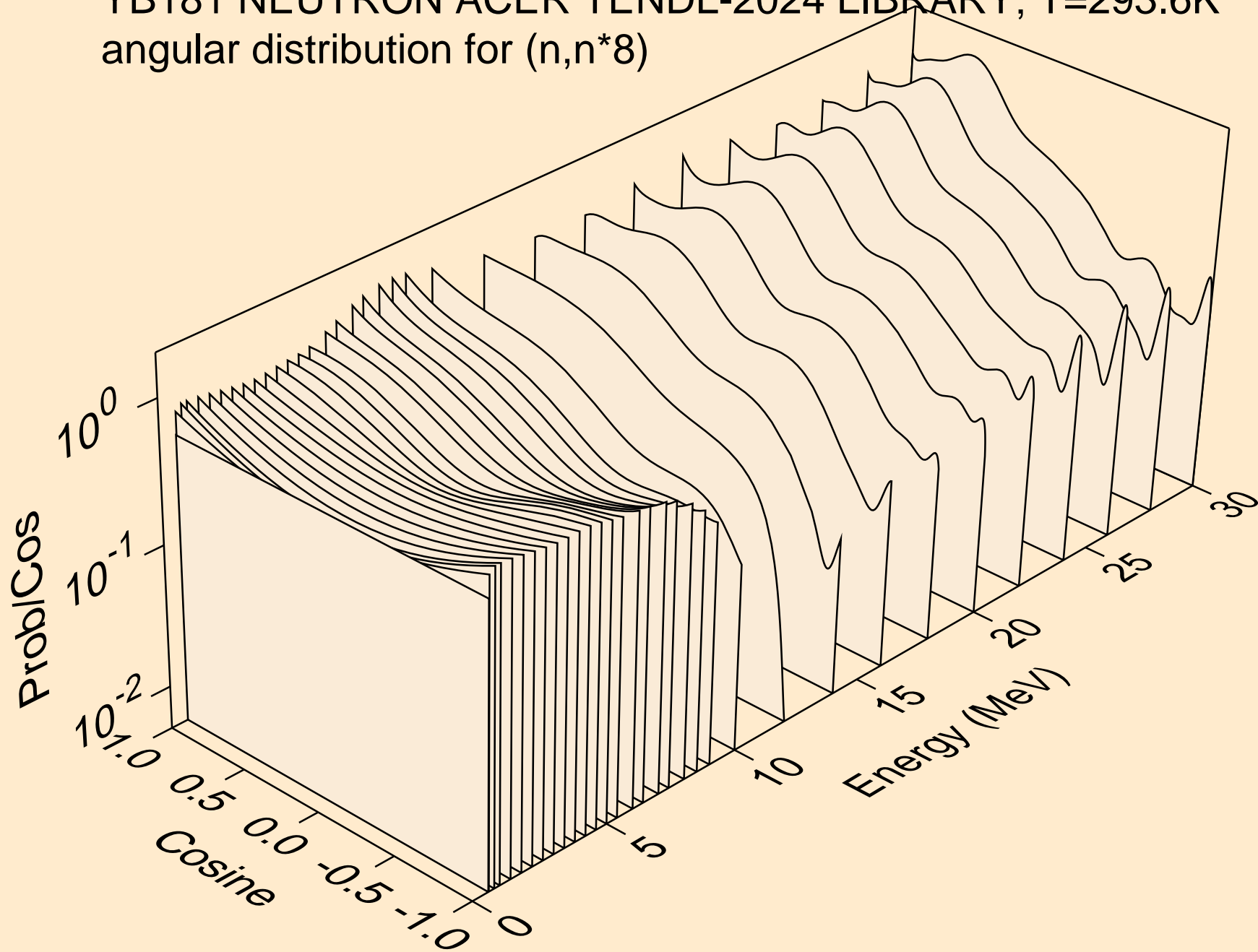
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



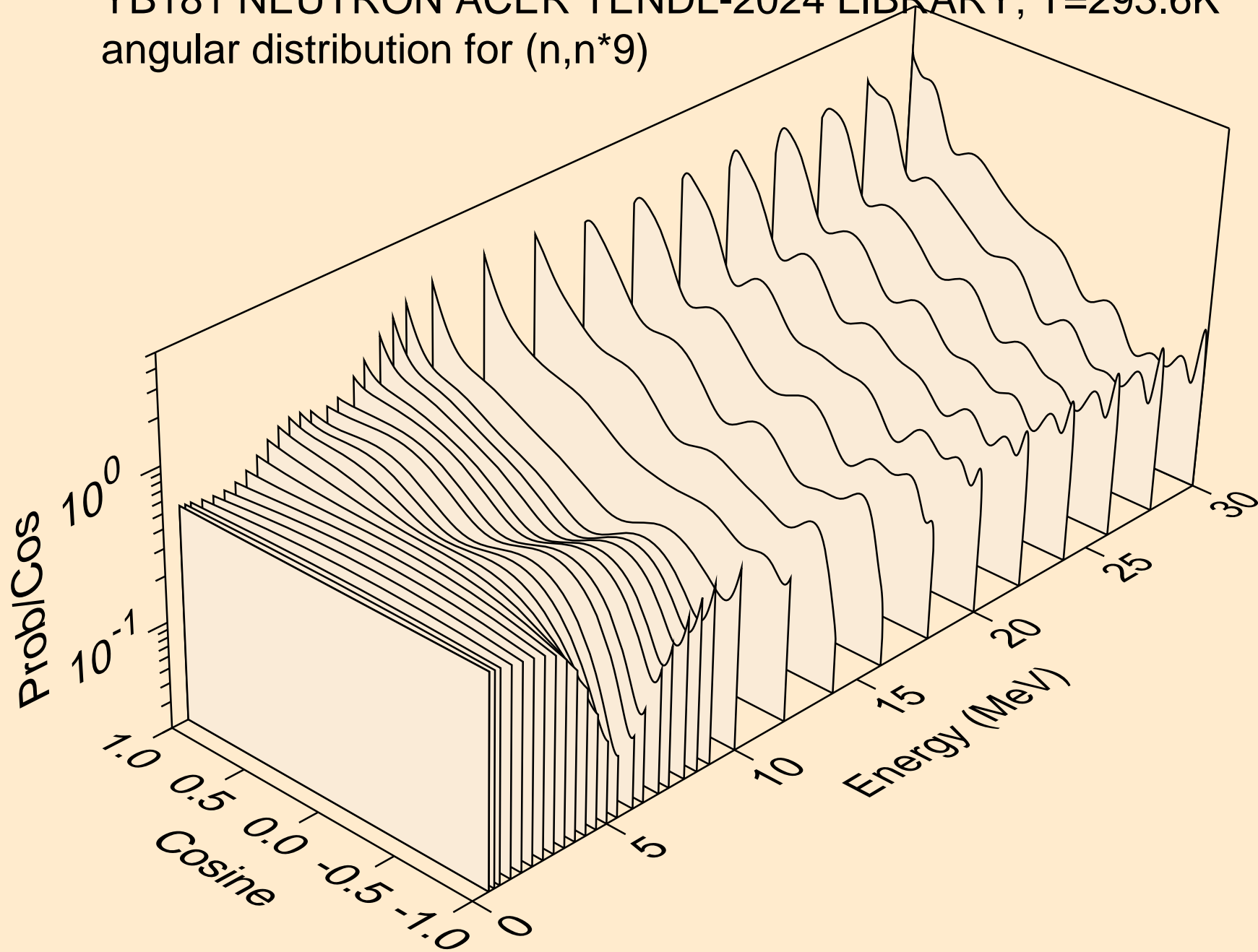
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



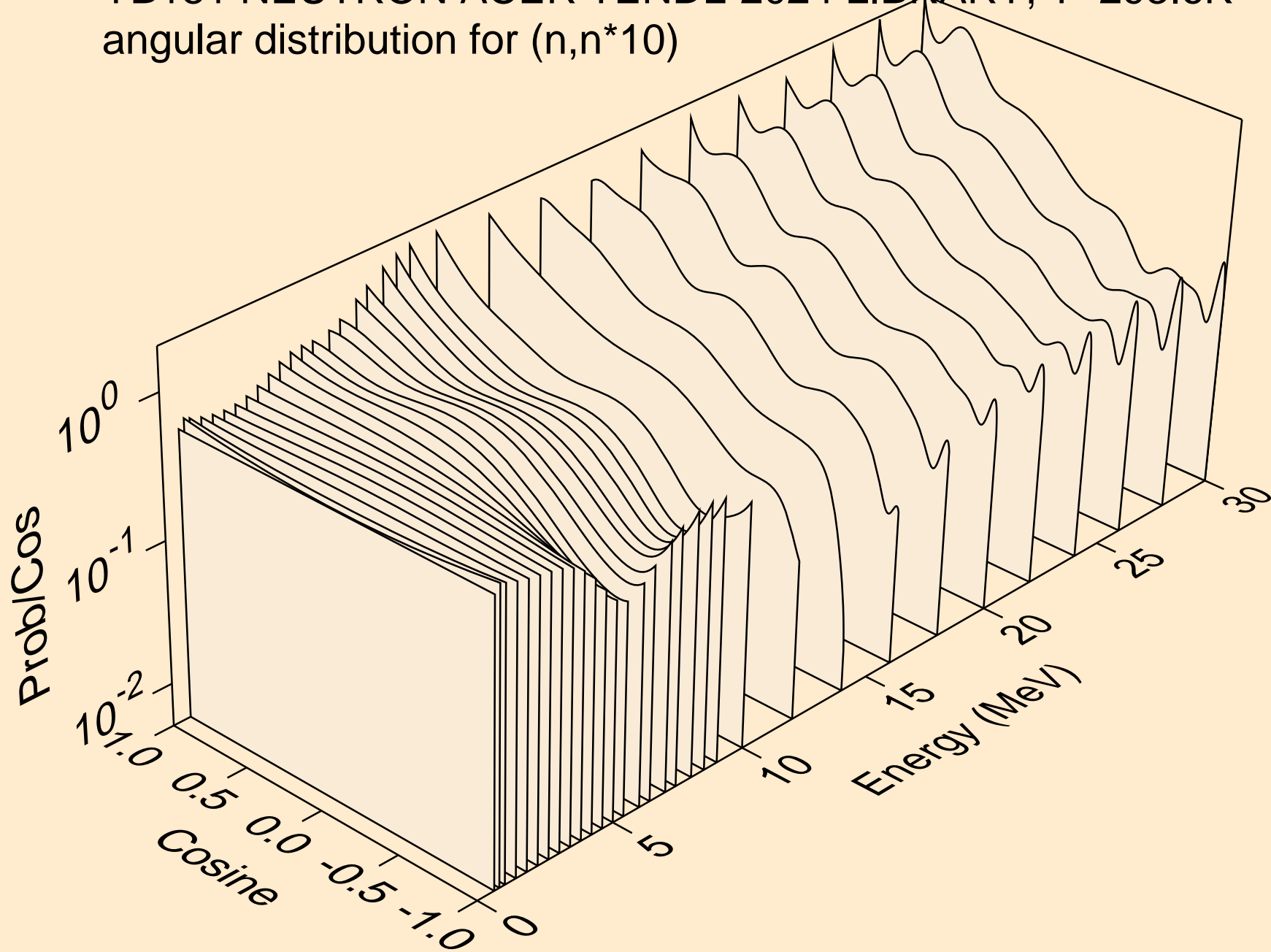
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



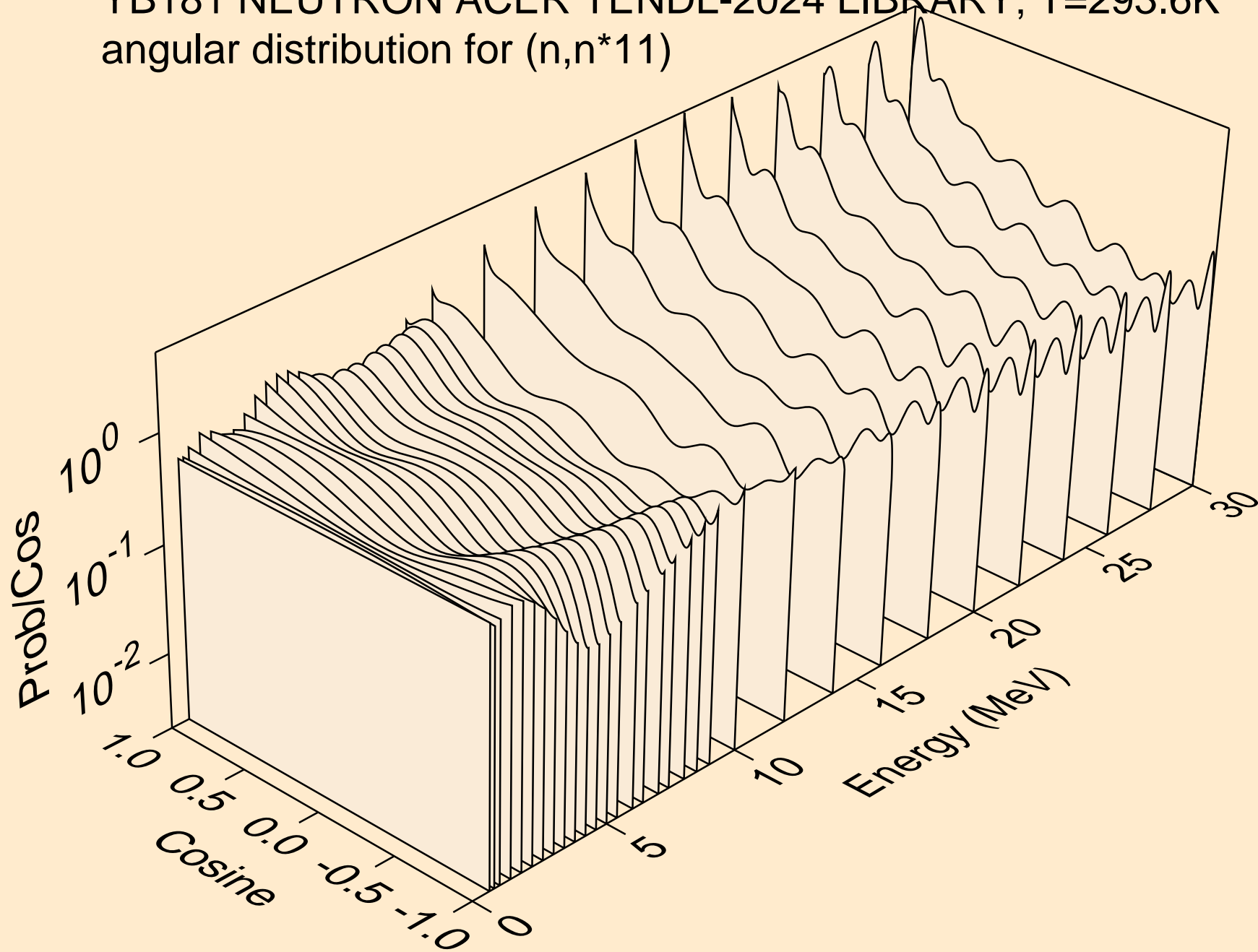
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



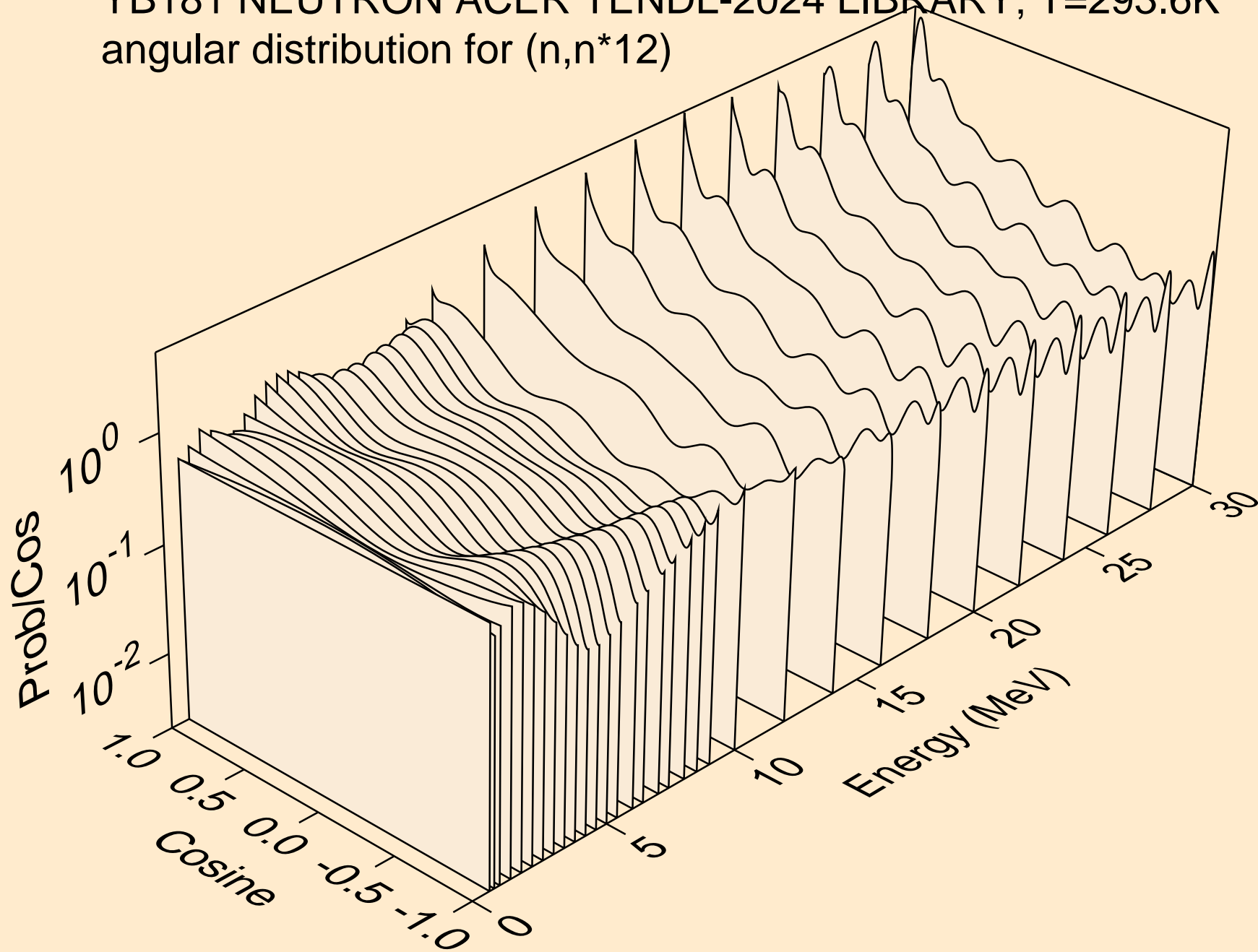
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



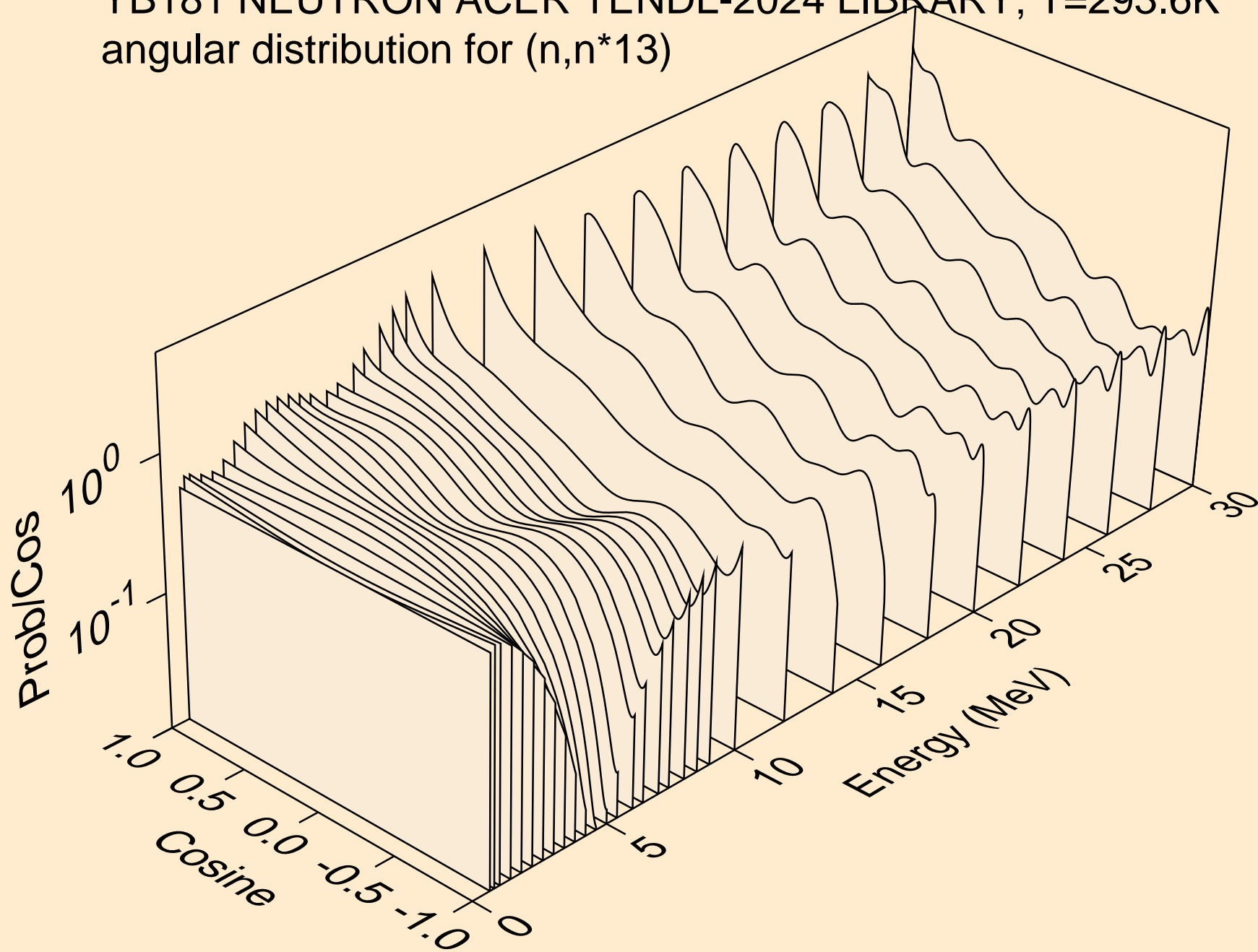
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



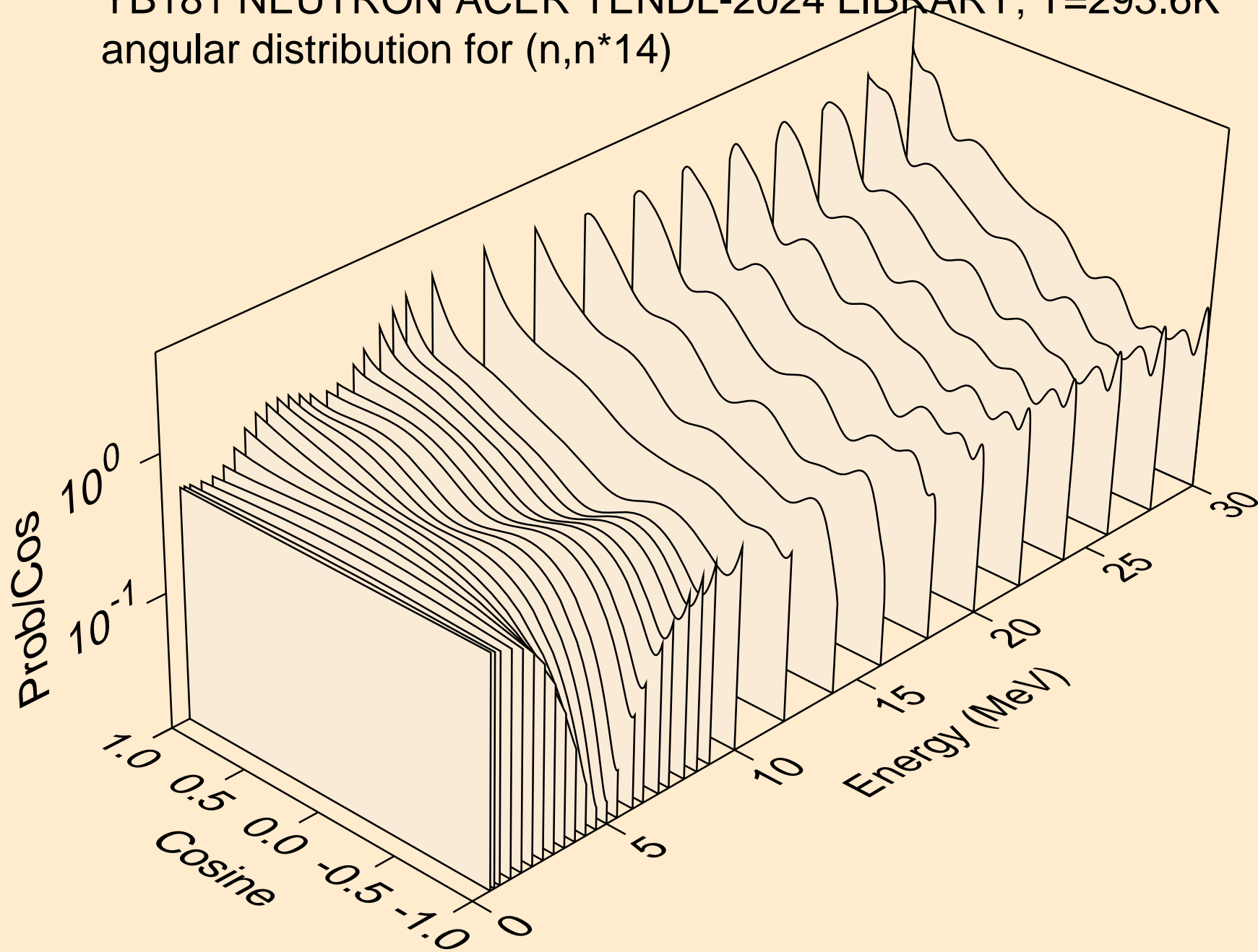
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



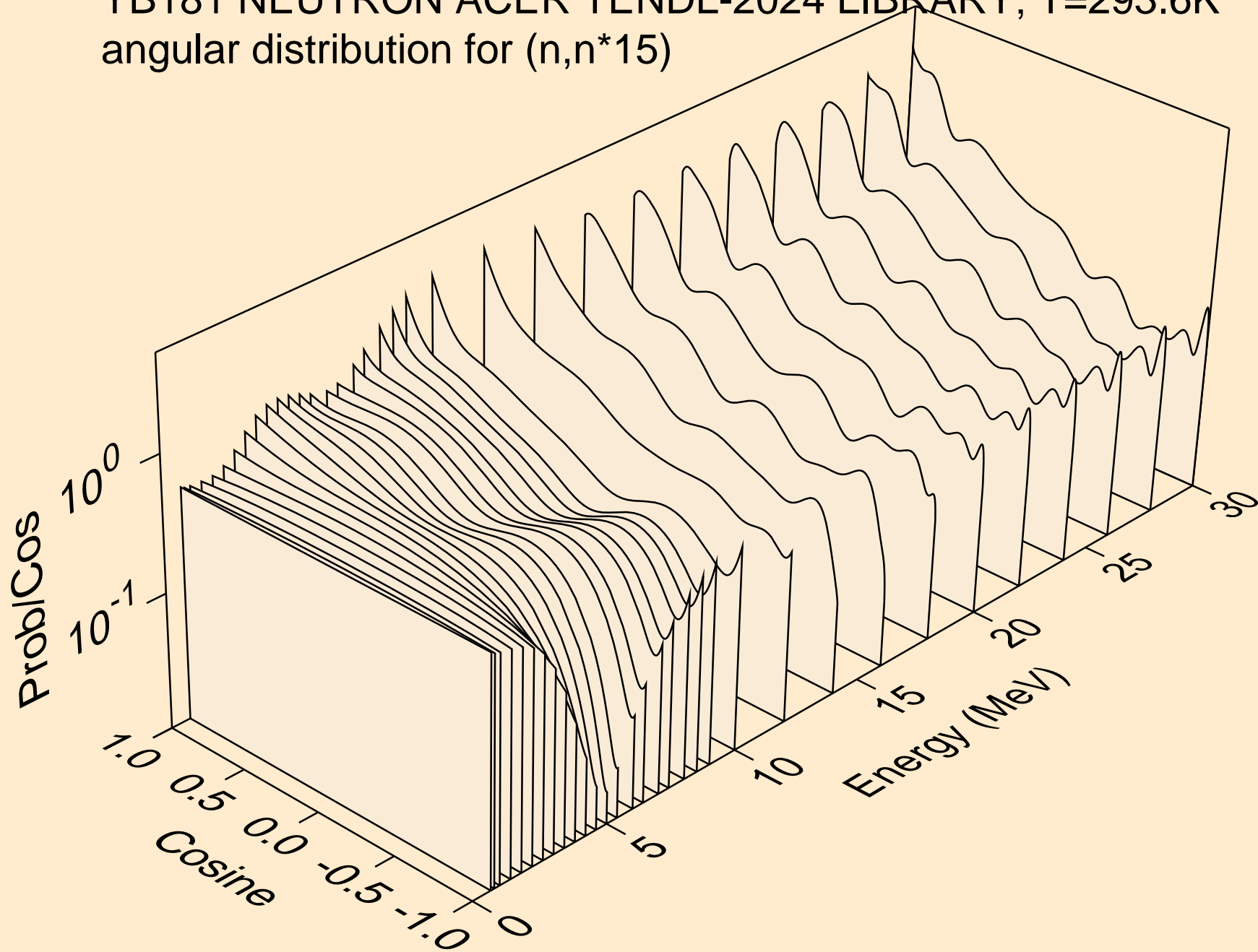
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



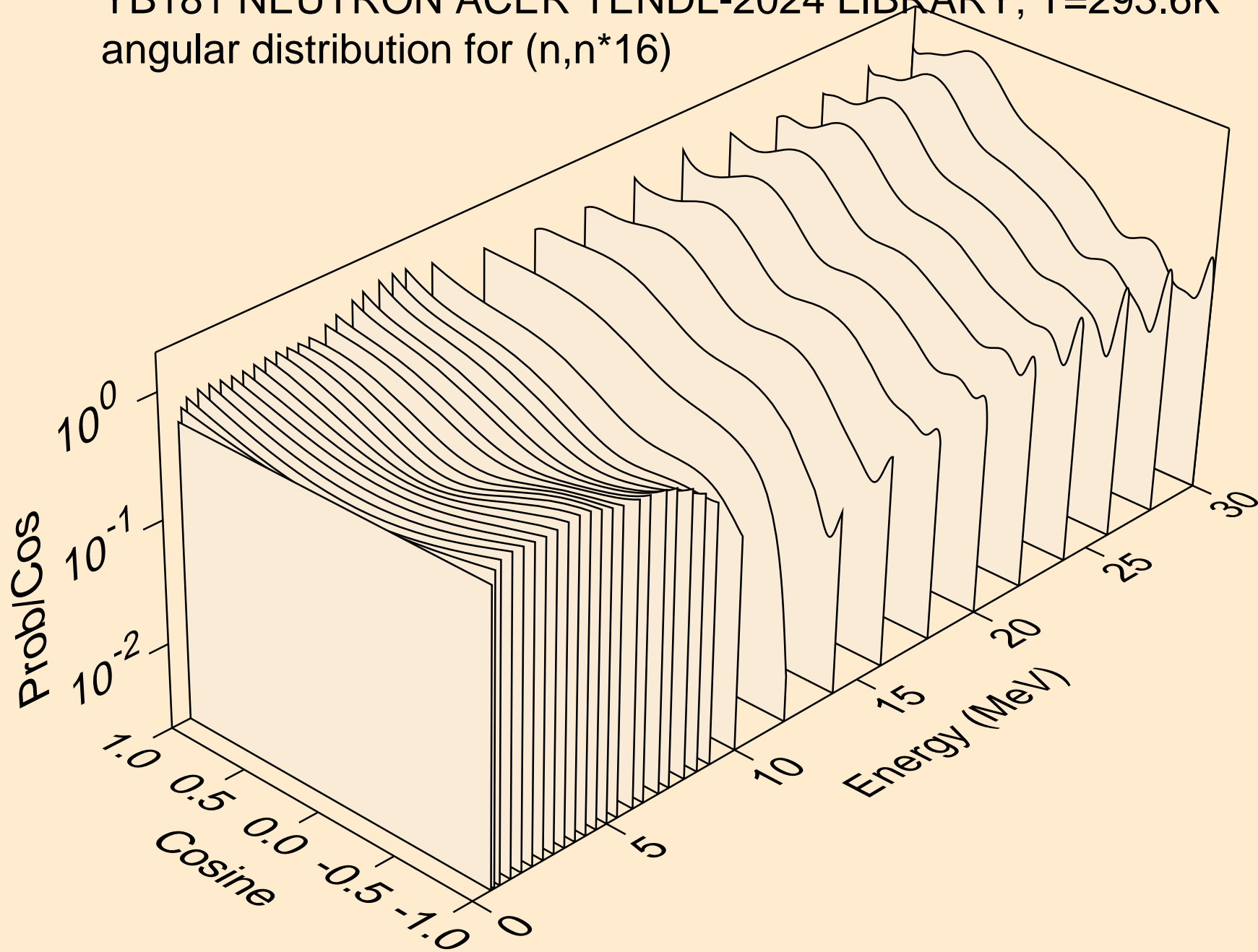
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



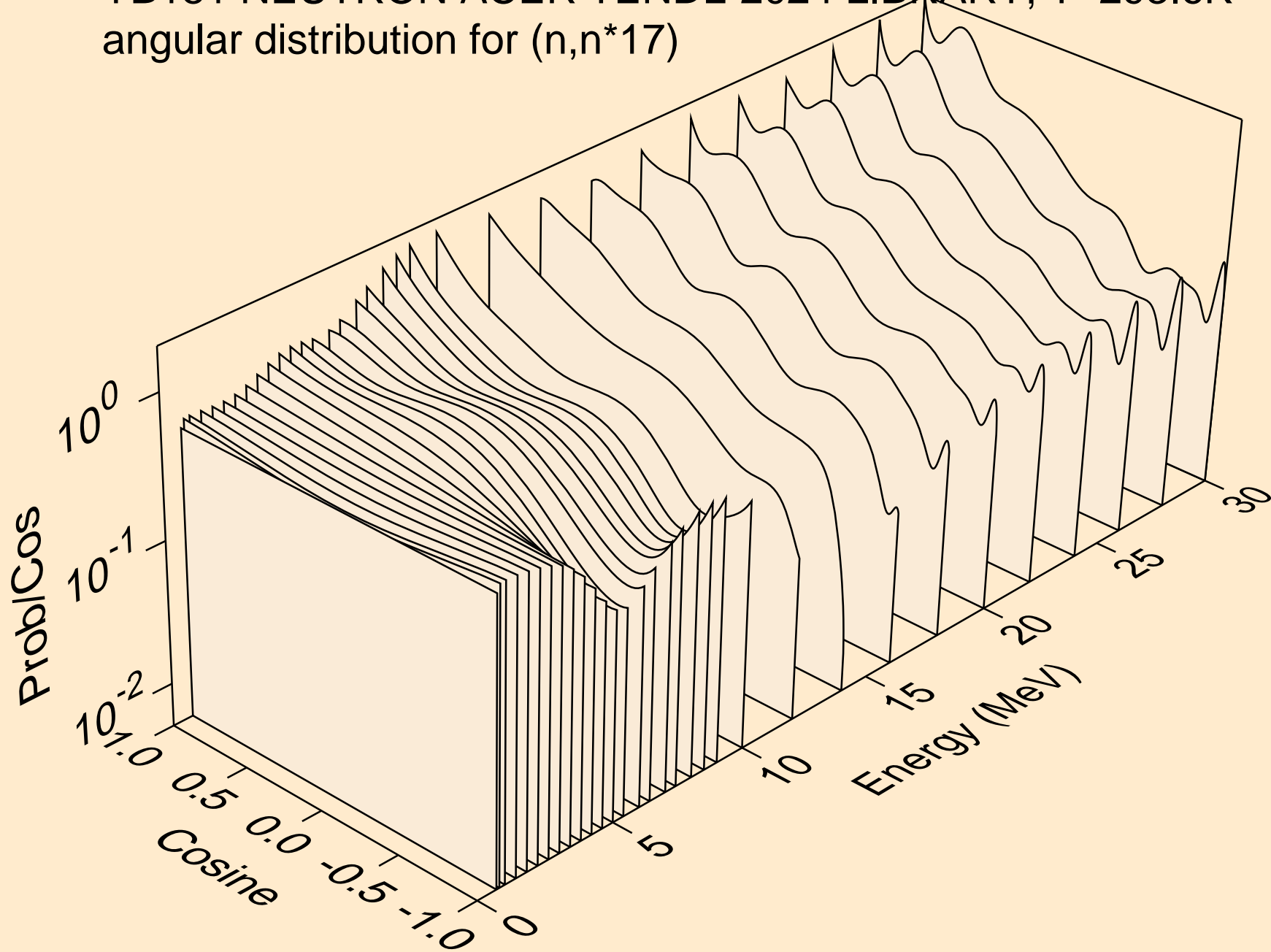
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



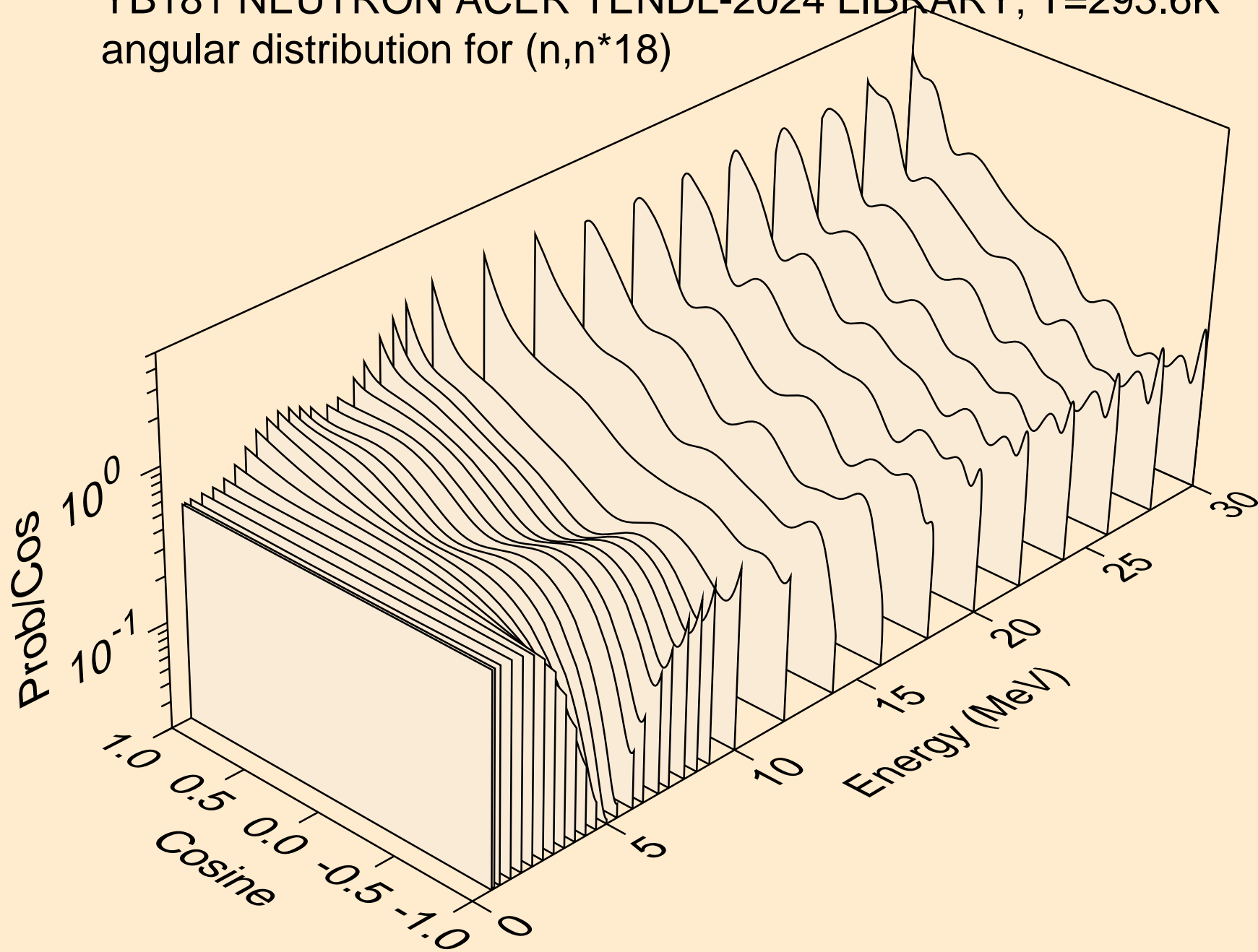
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



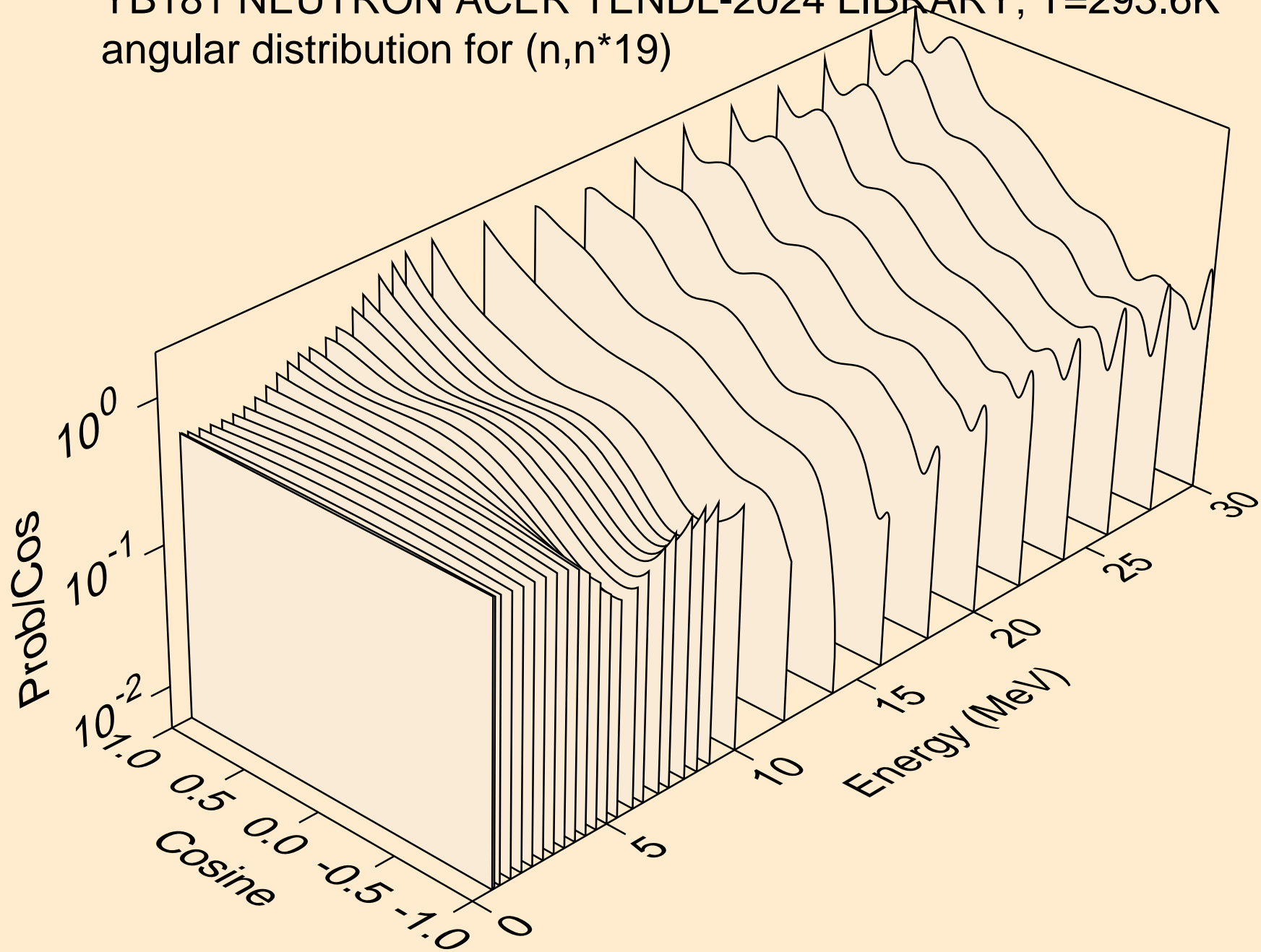
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



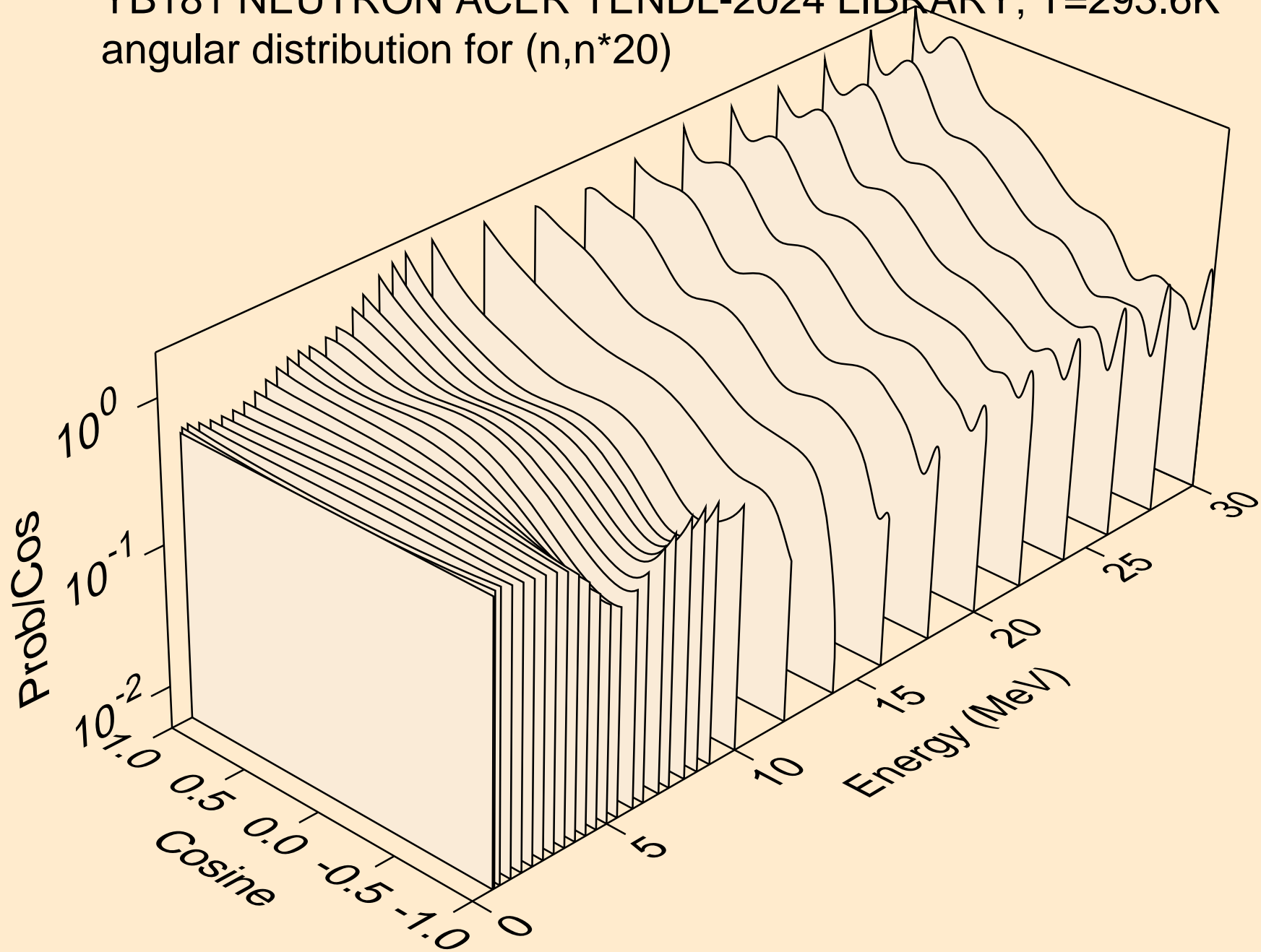
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



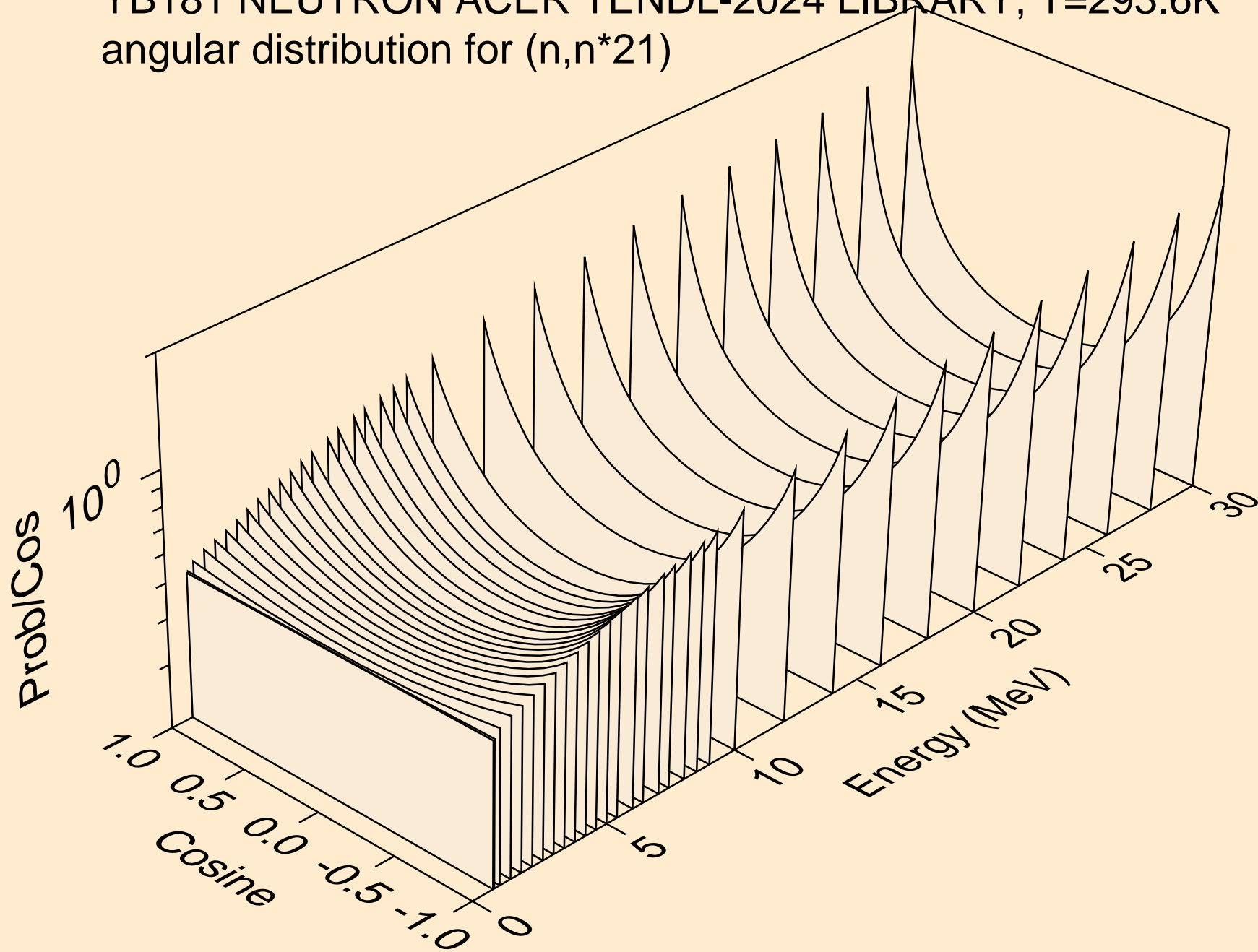
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



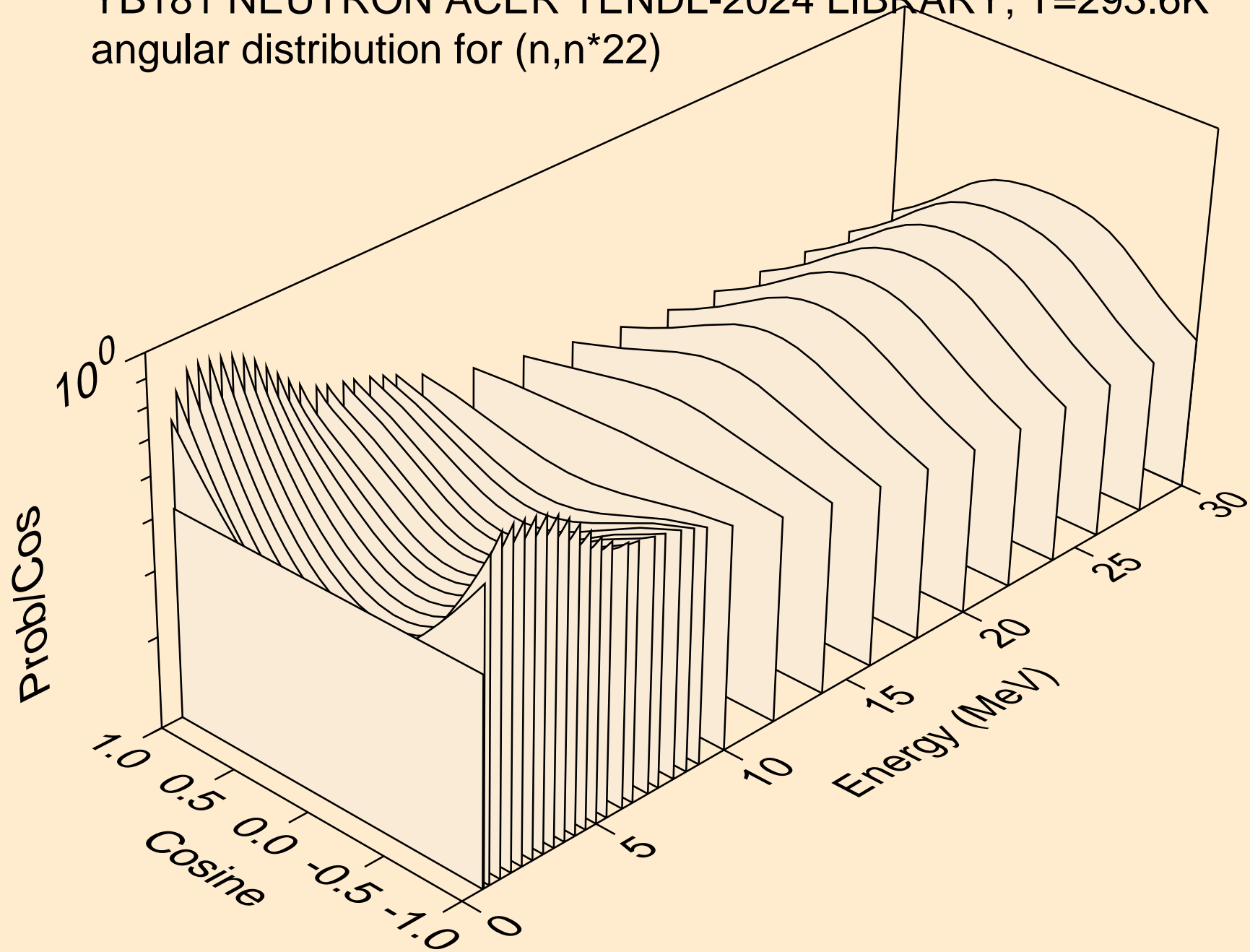
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



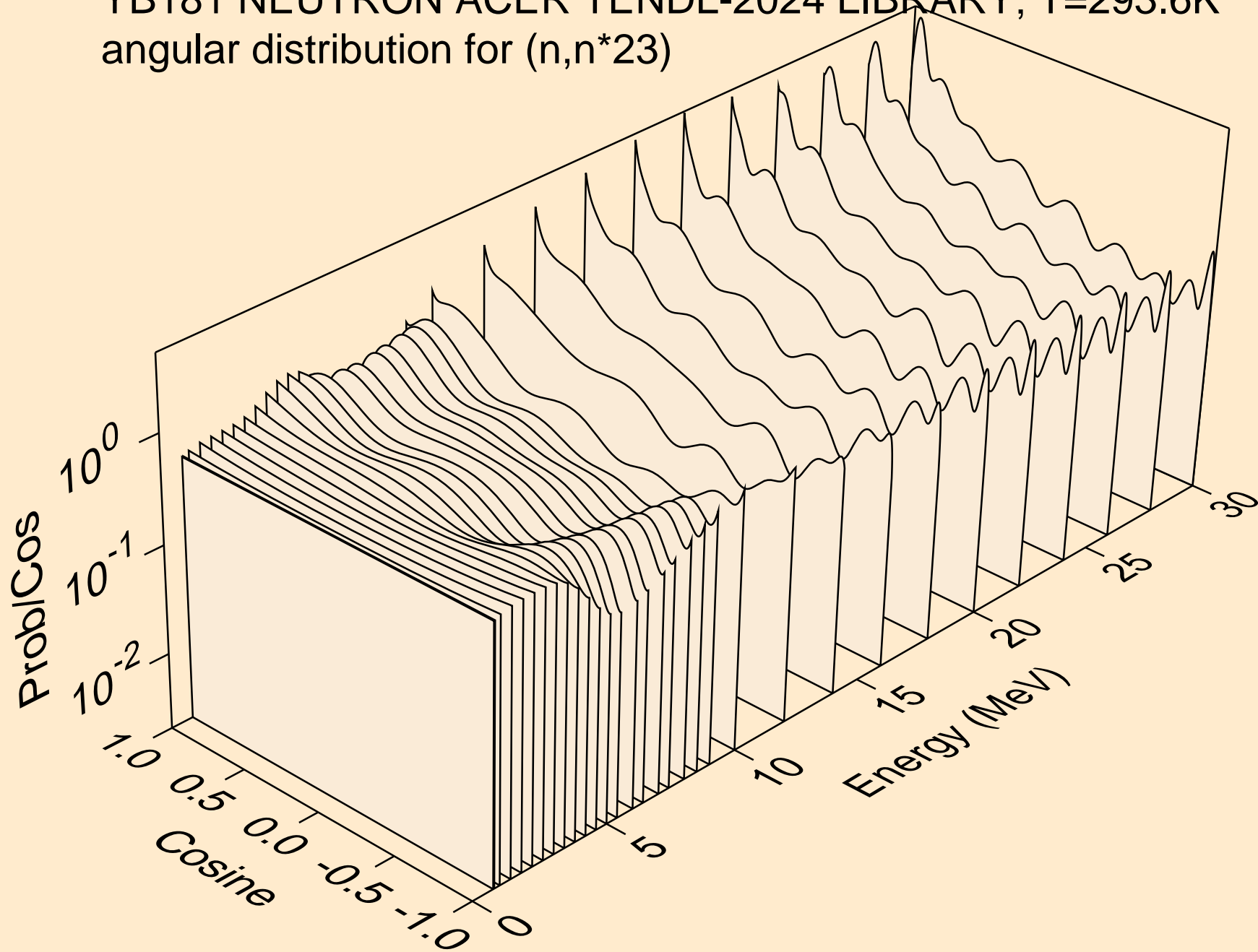
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



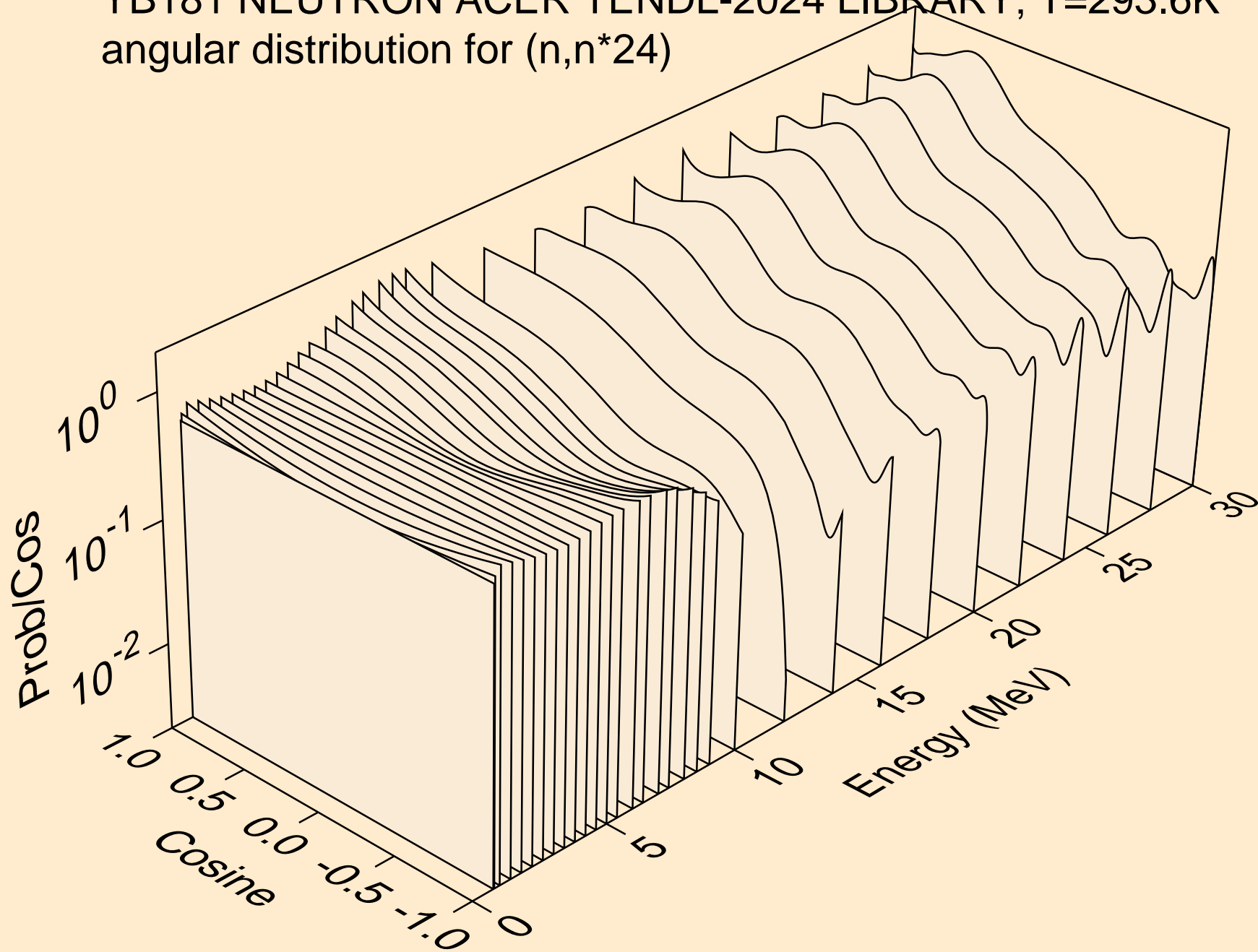
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



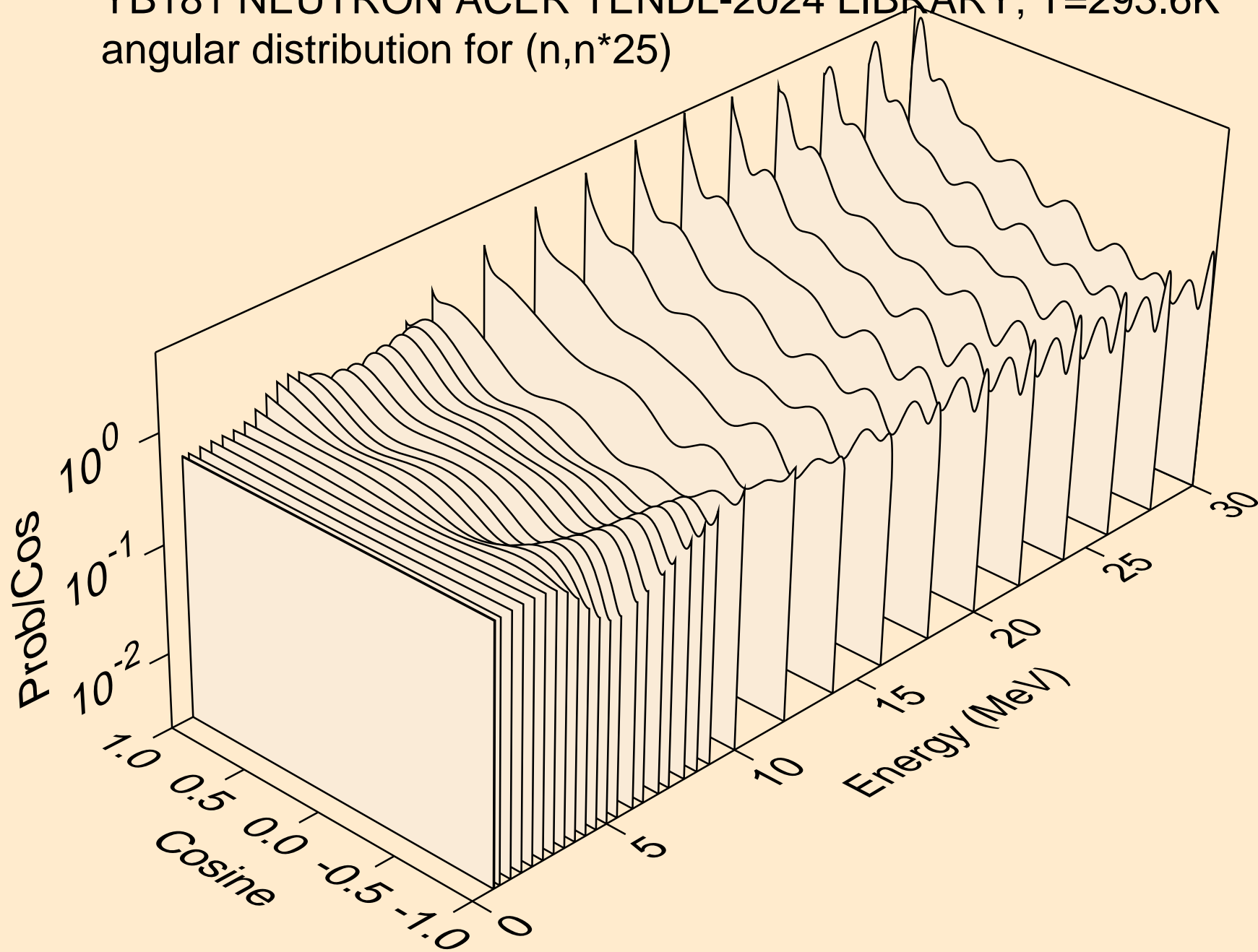
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



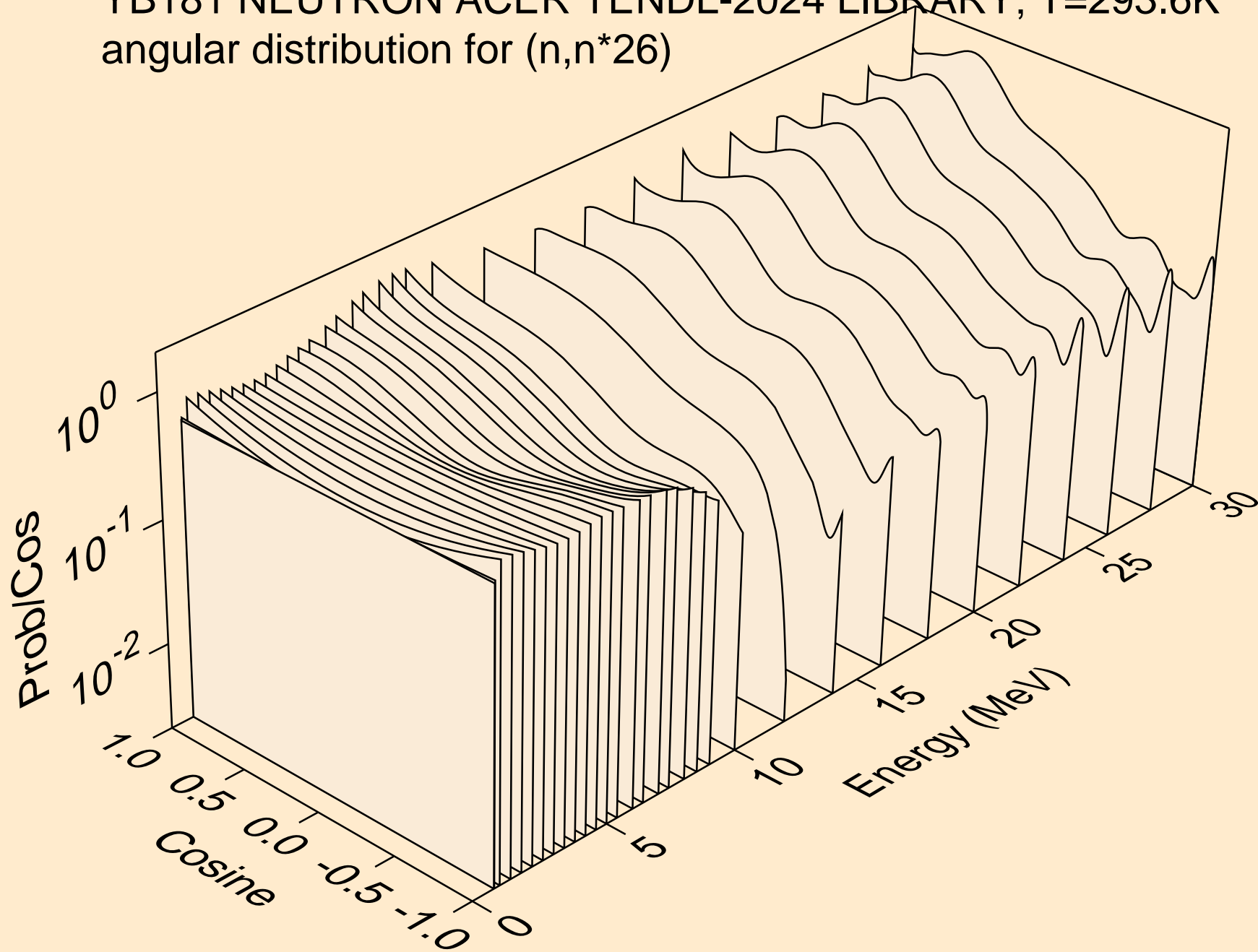
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



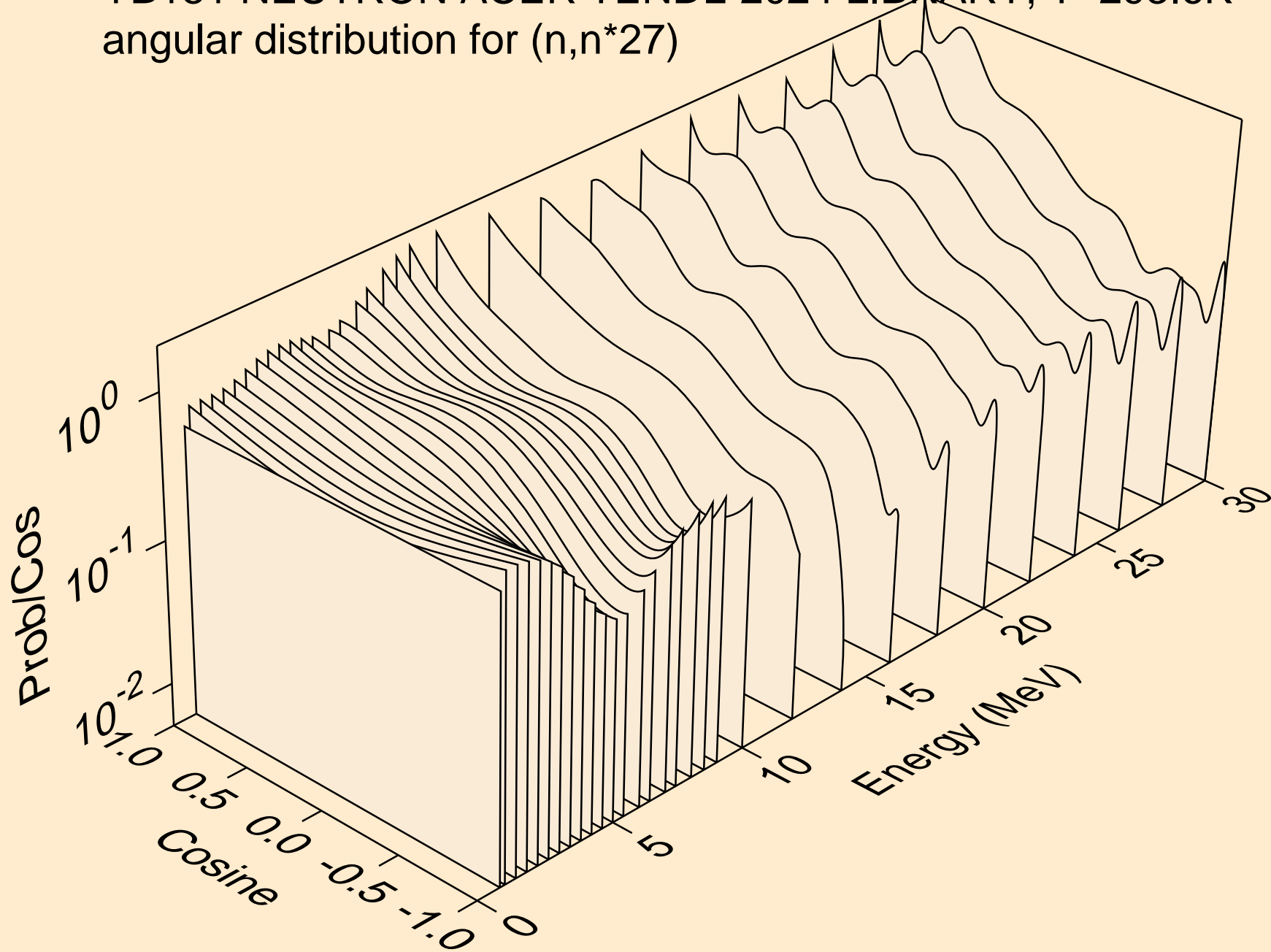
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



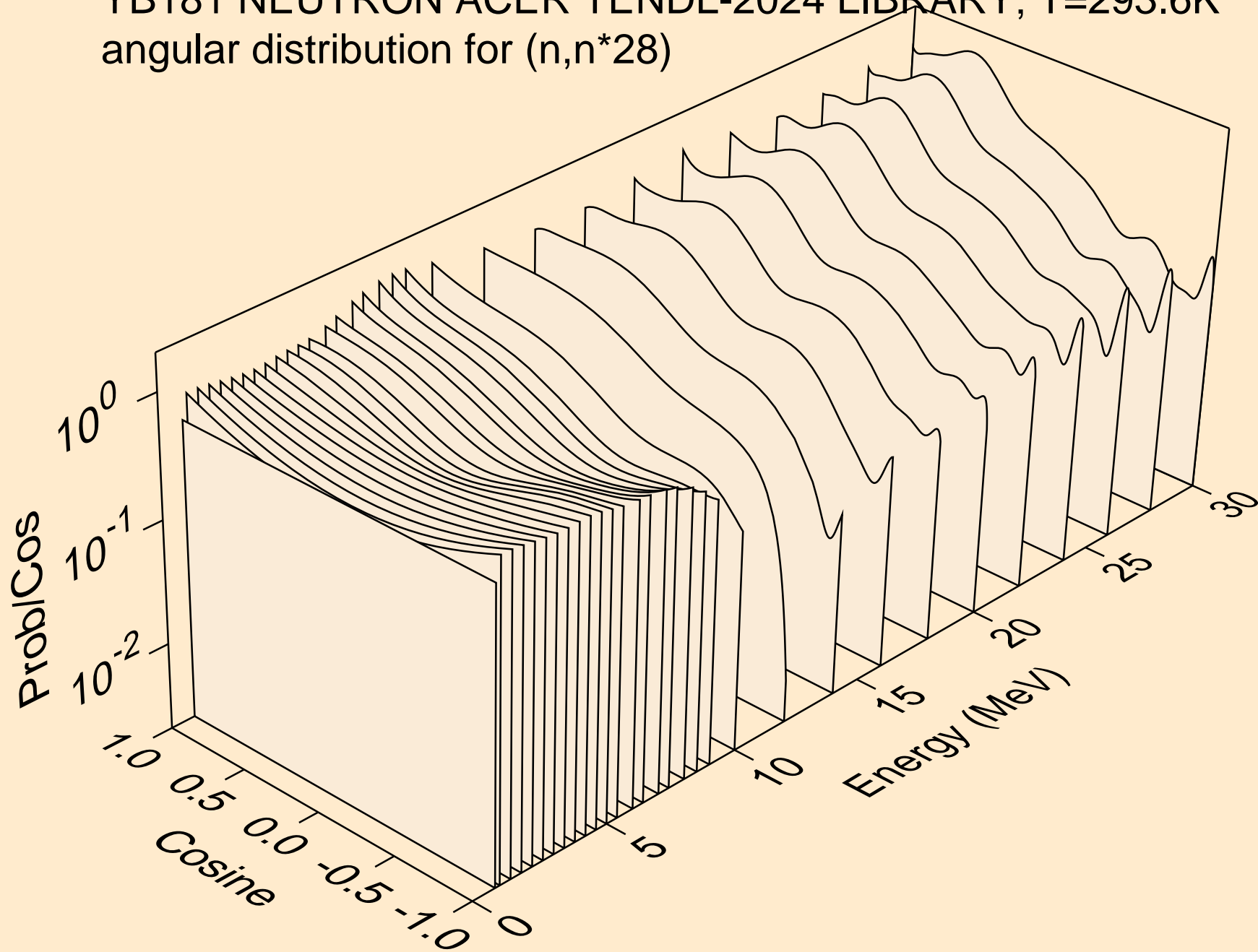
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



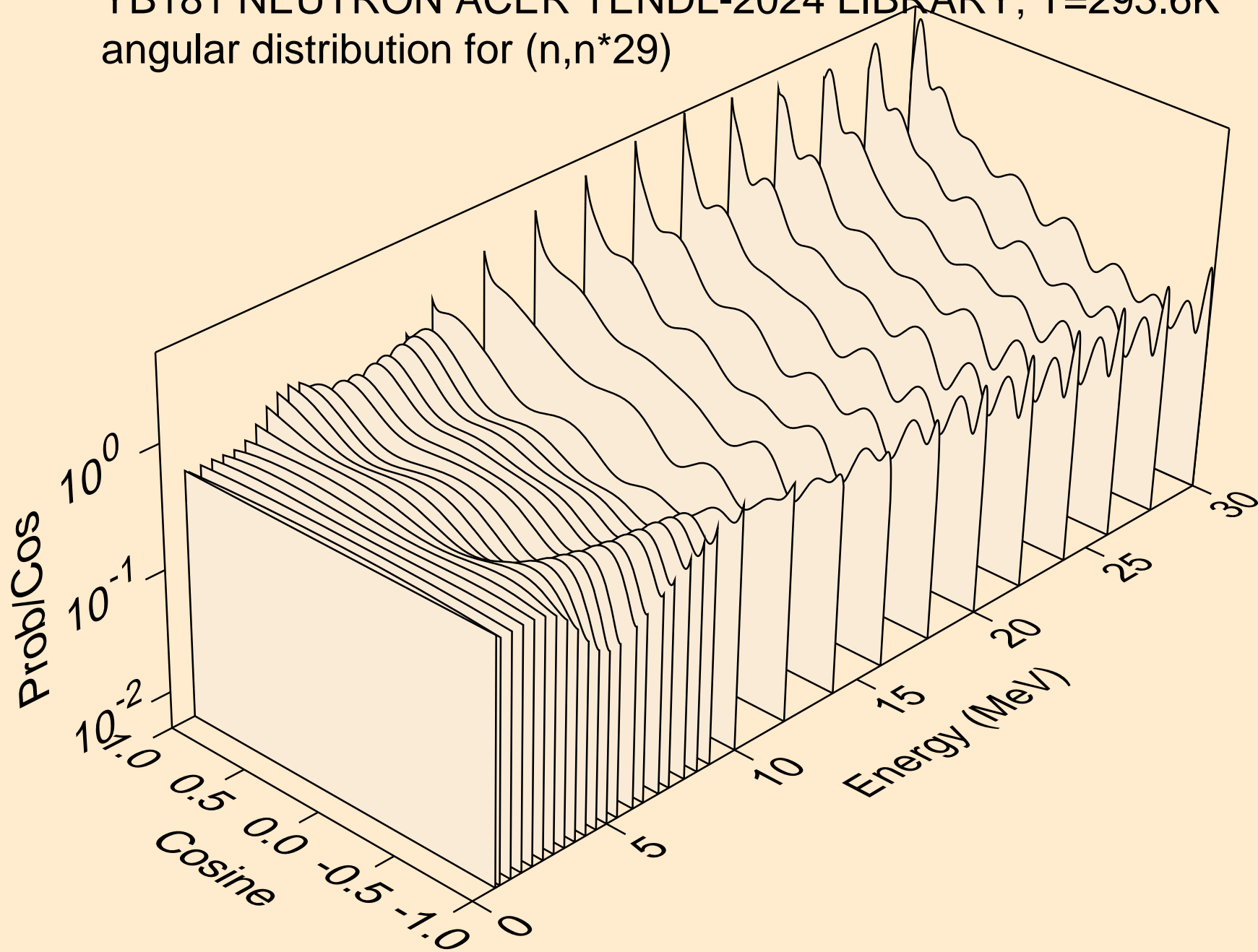
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



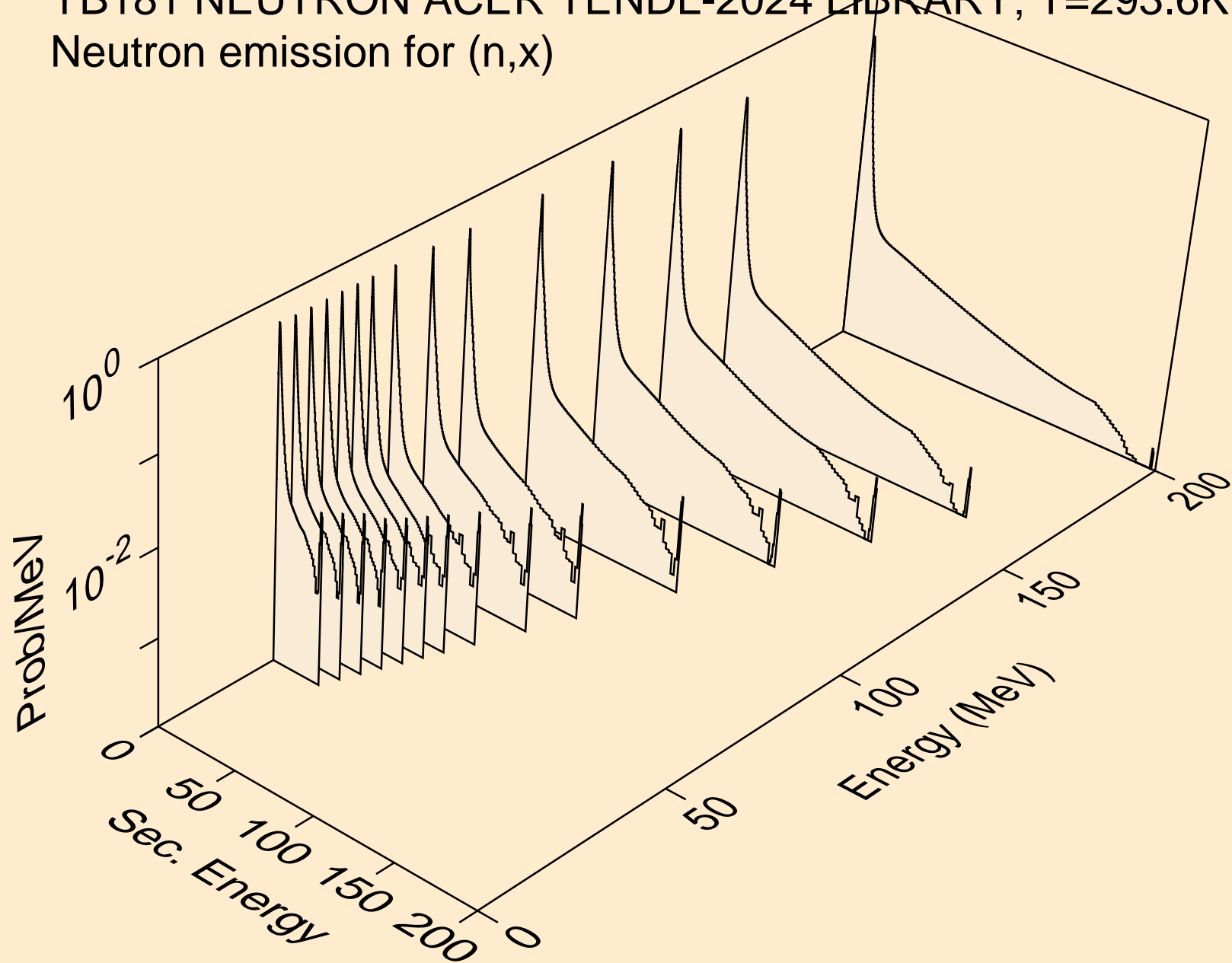
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



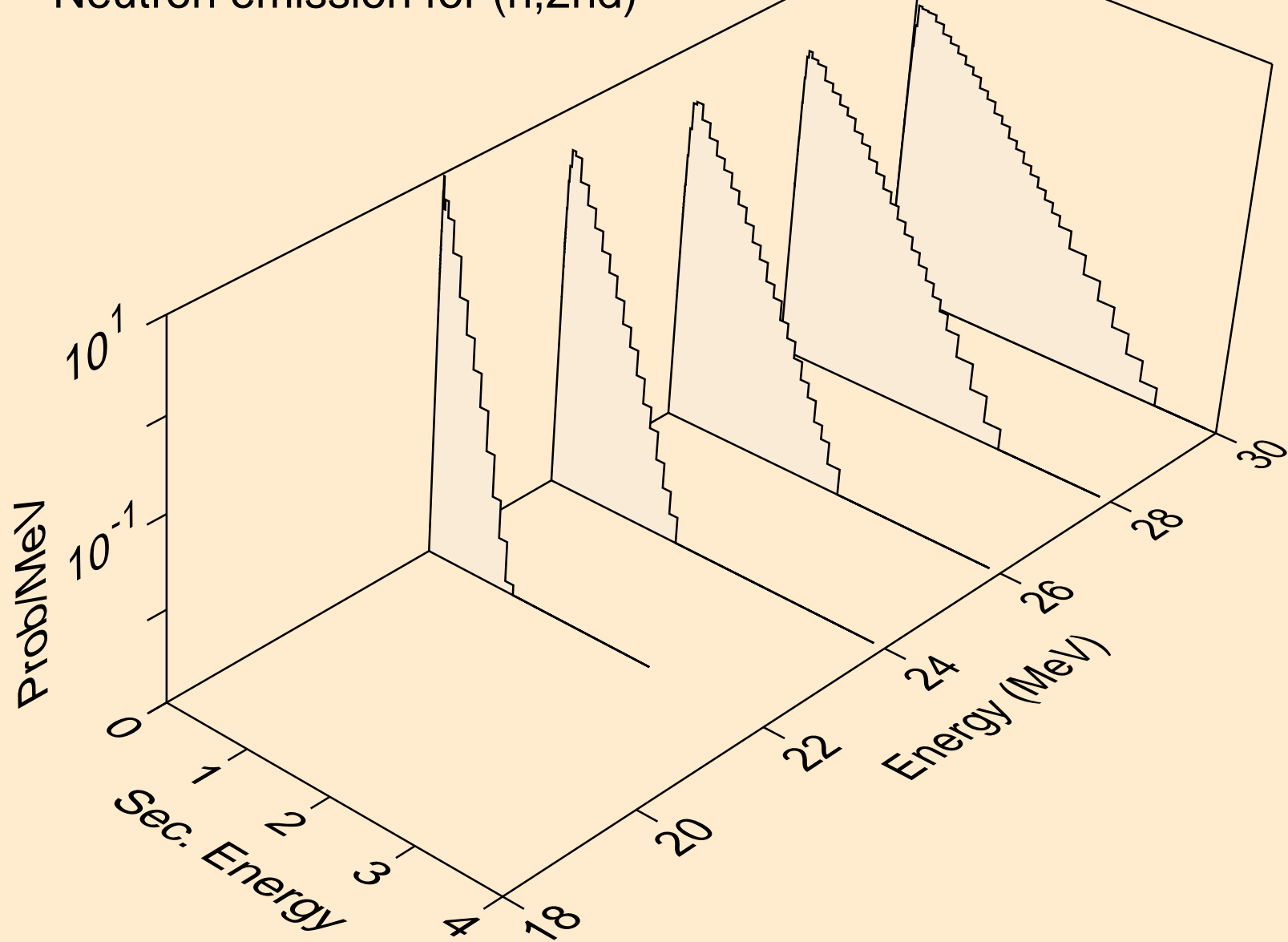
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



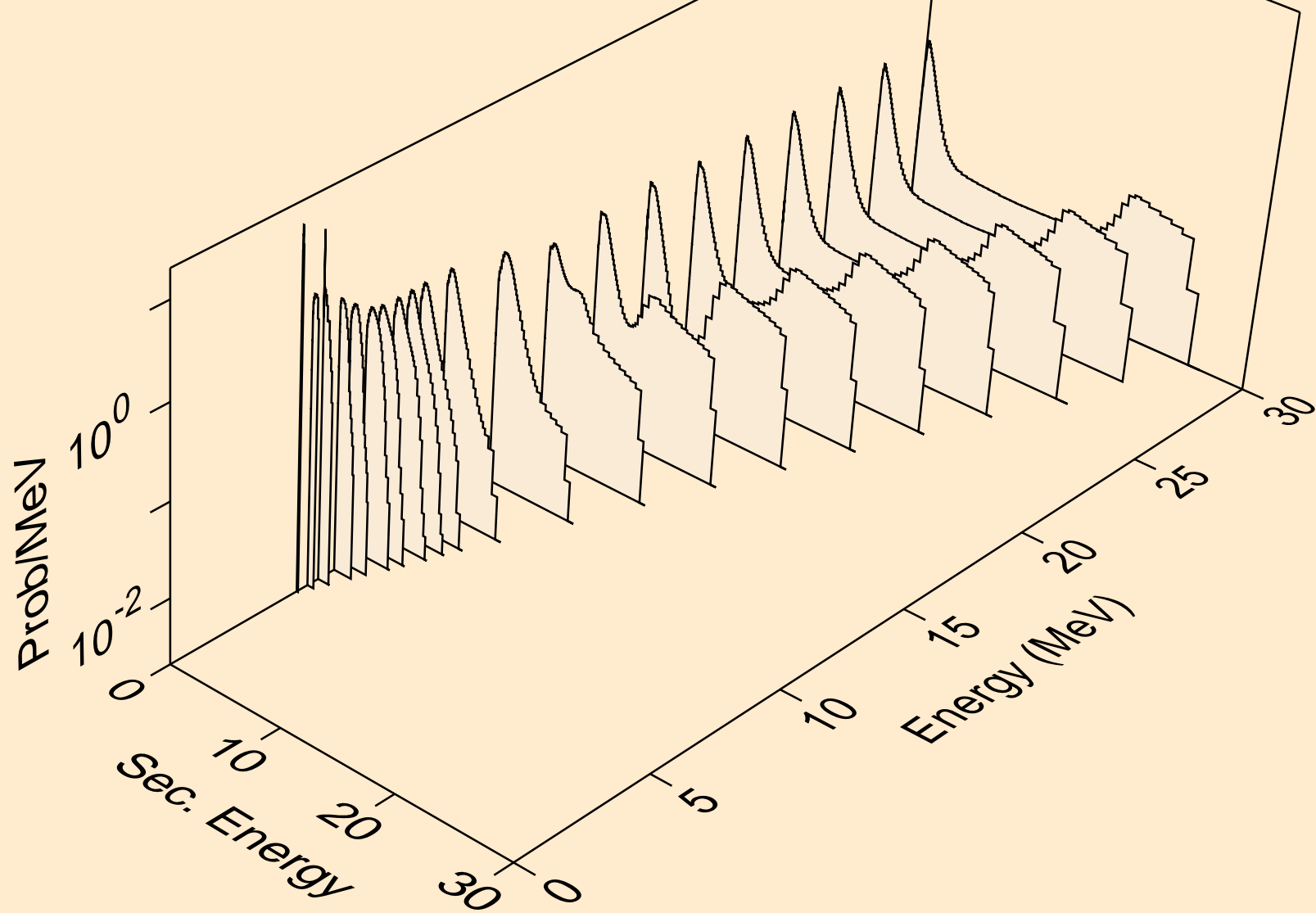
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



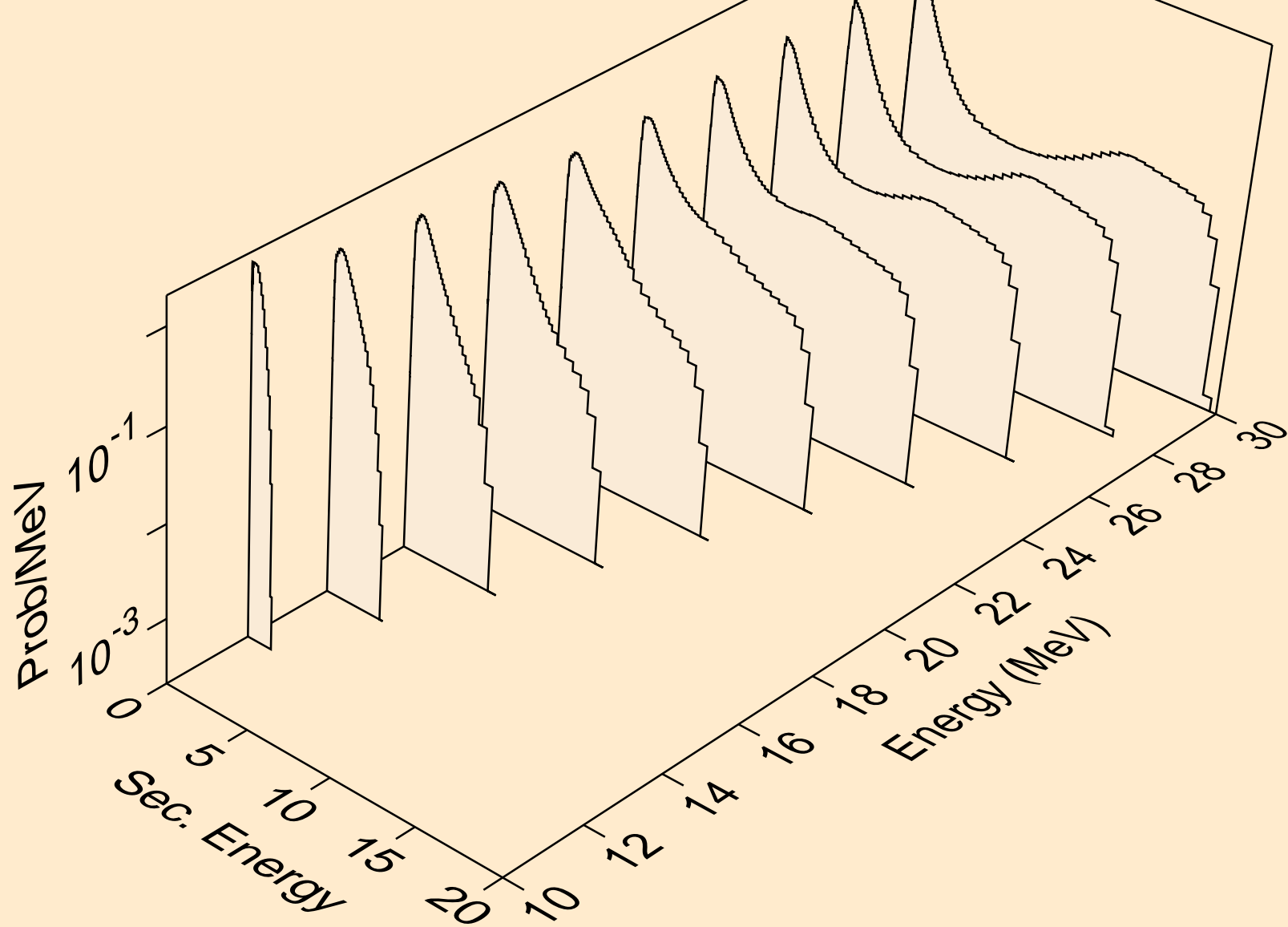
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



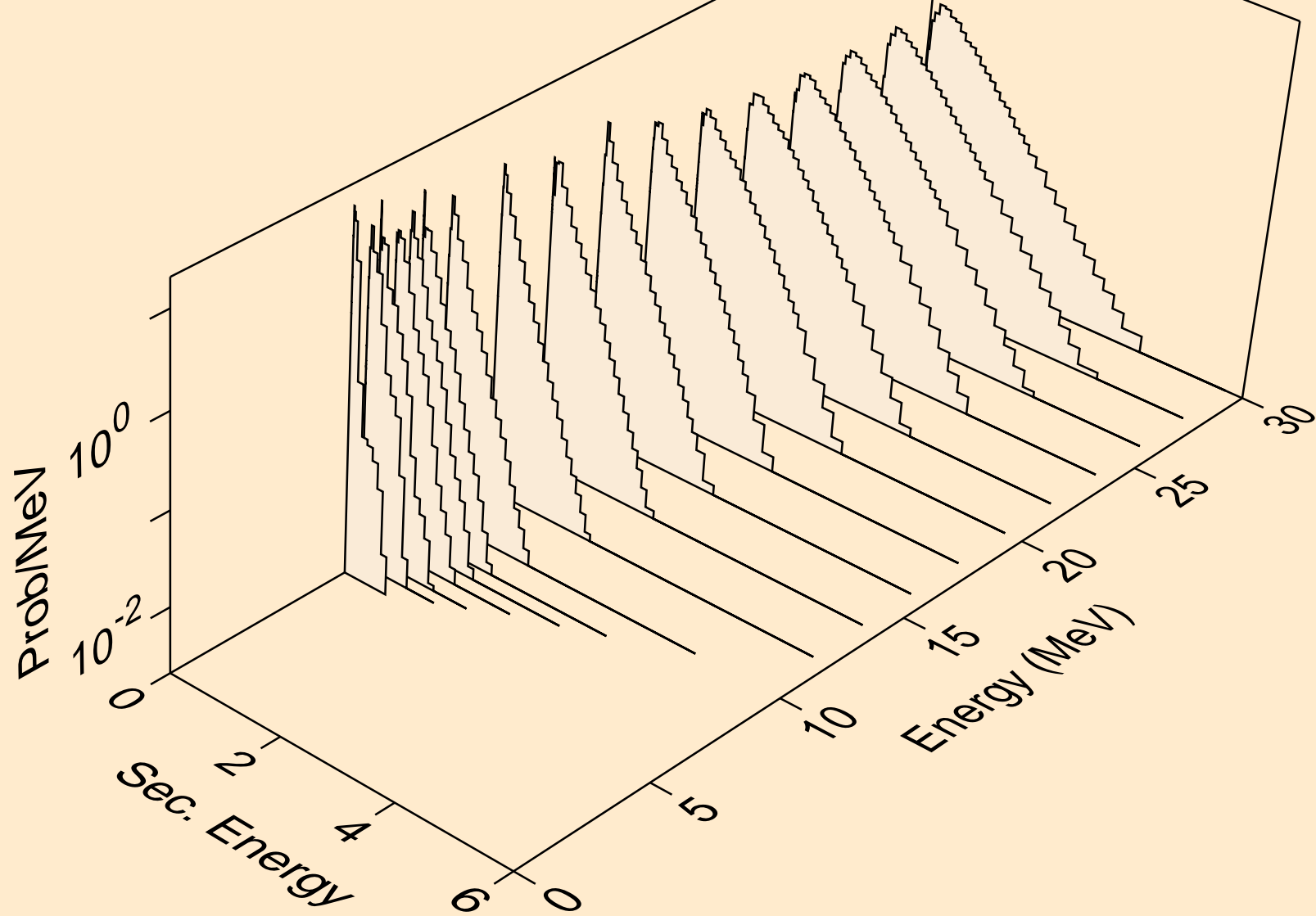
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



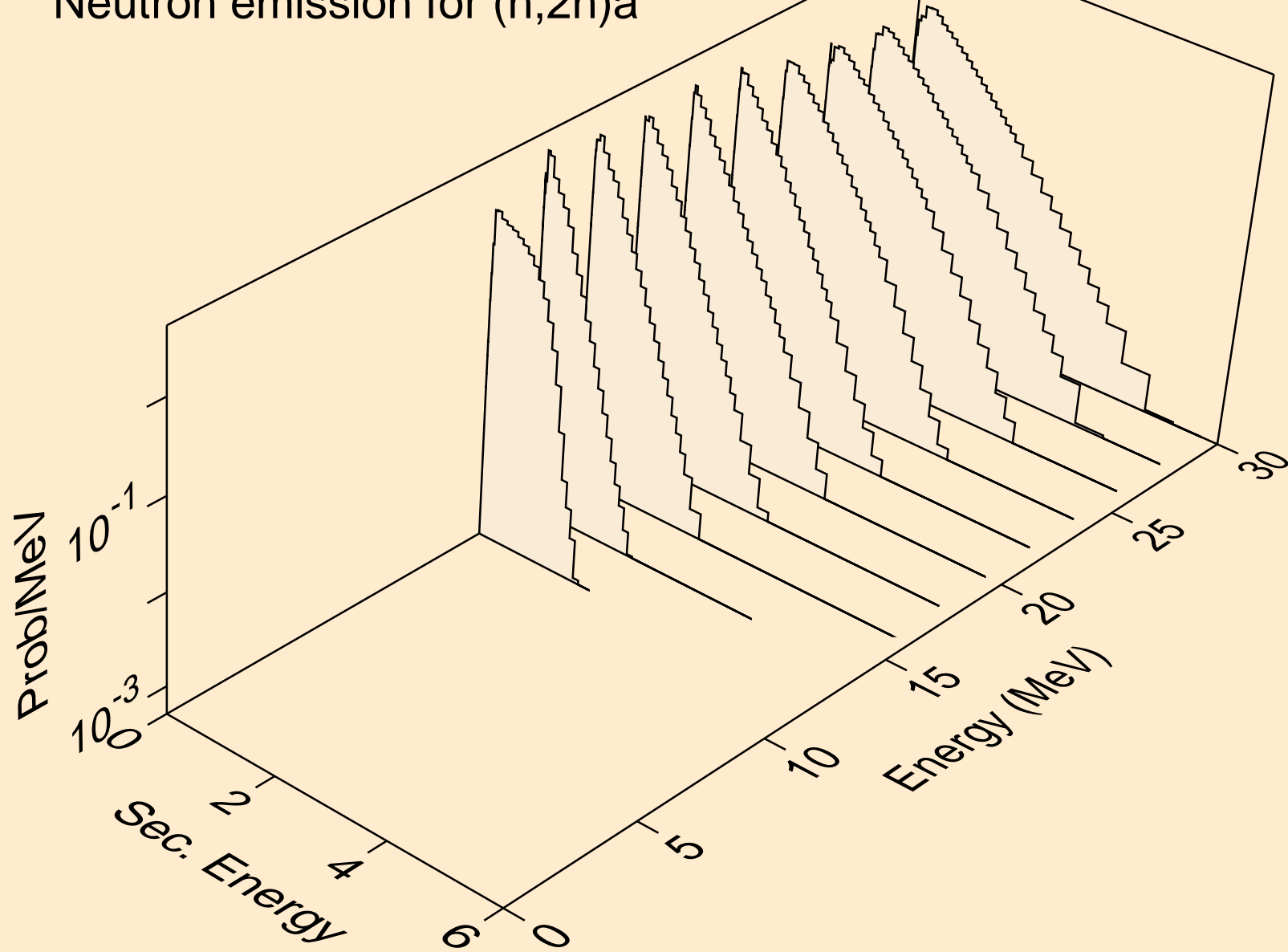
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



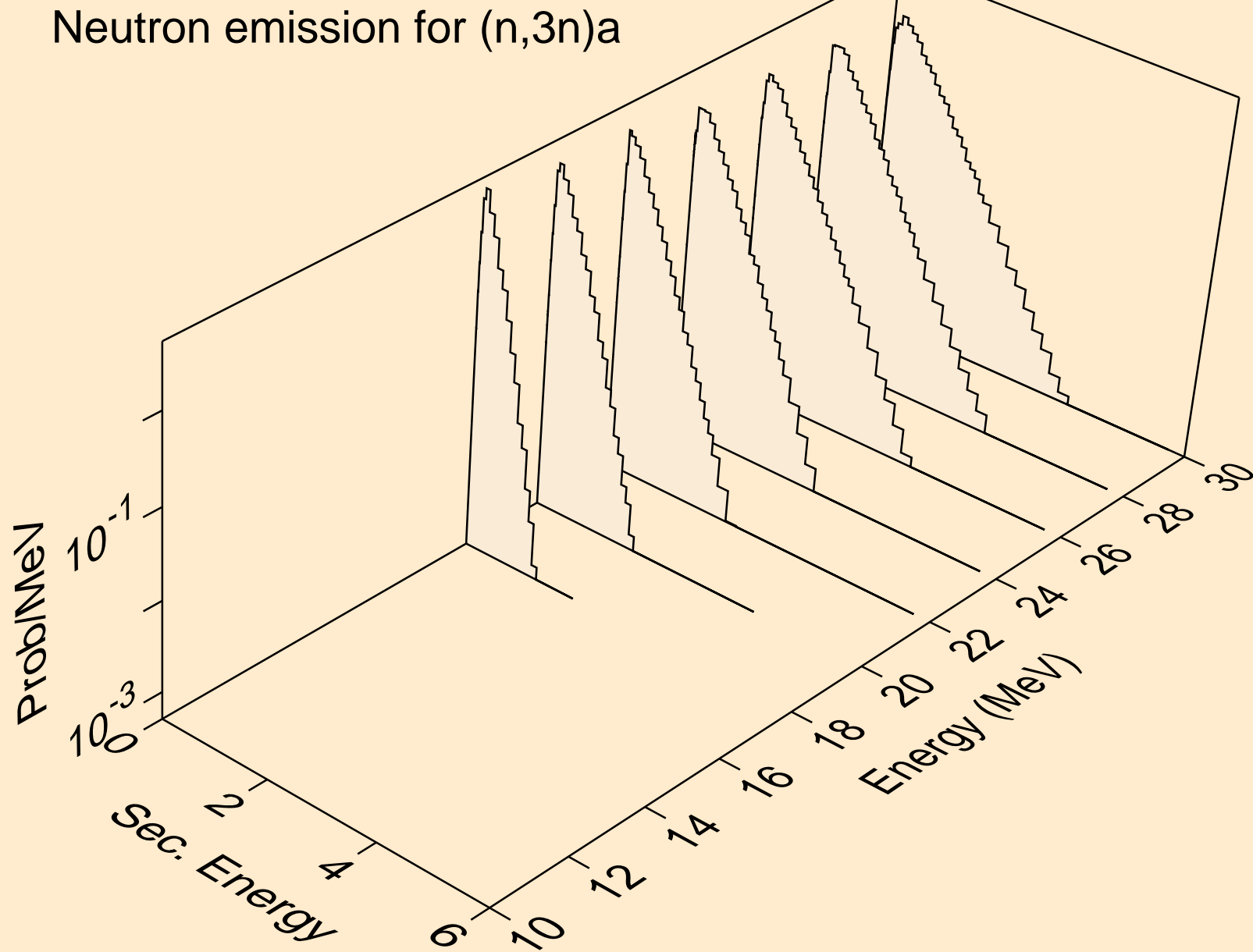
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



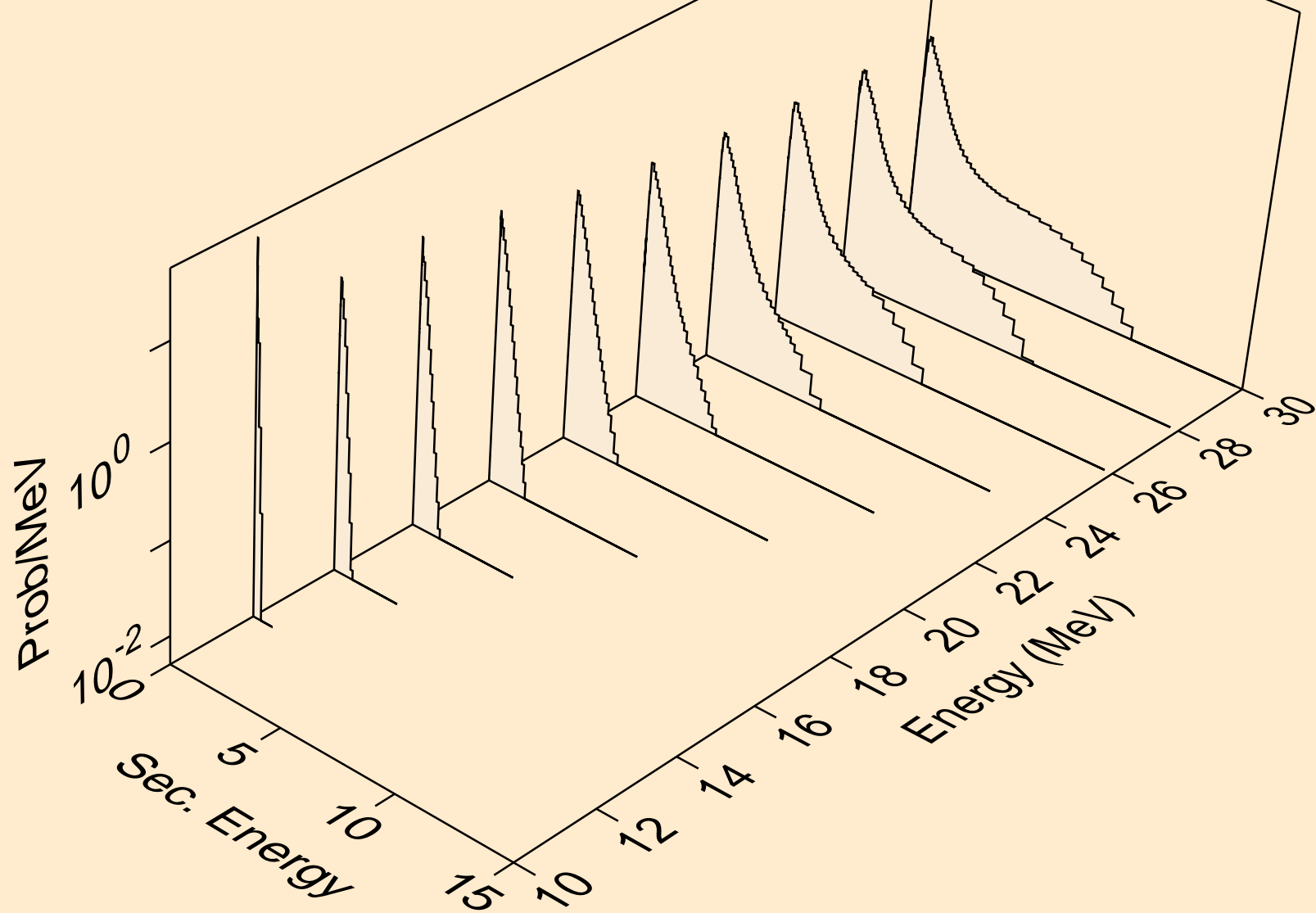
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



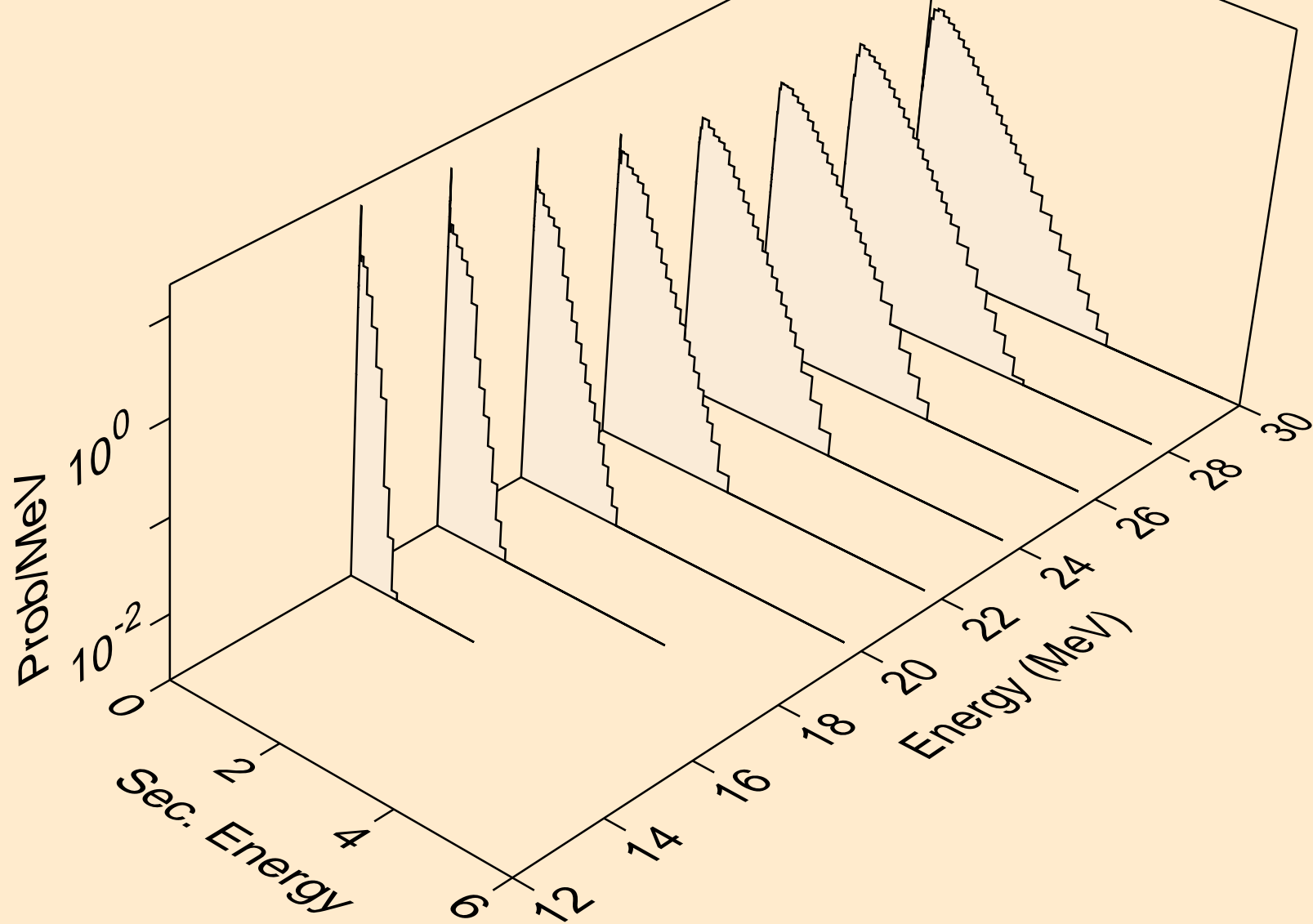
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)<sub>a</sub>



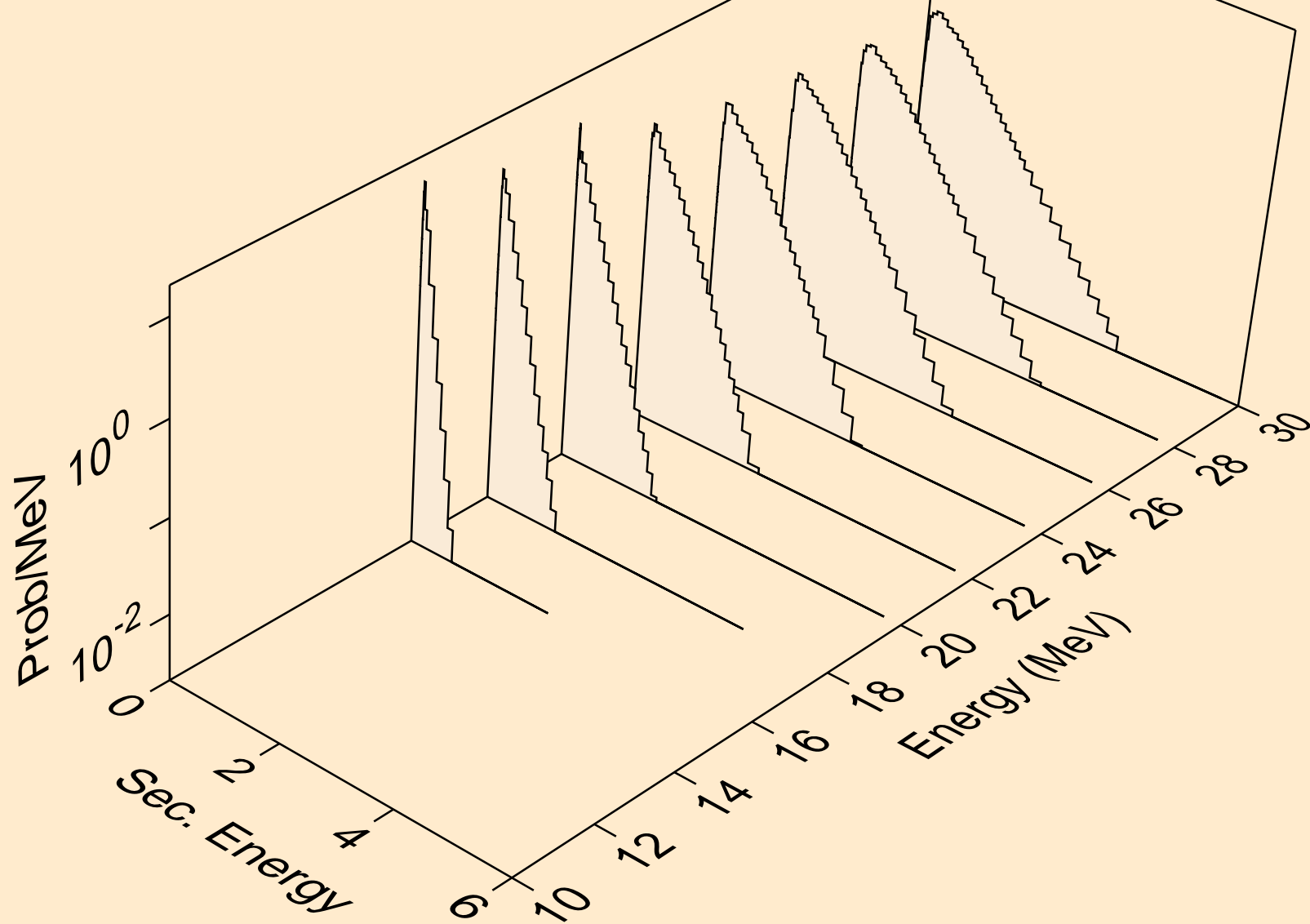
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



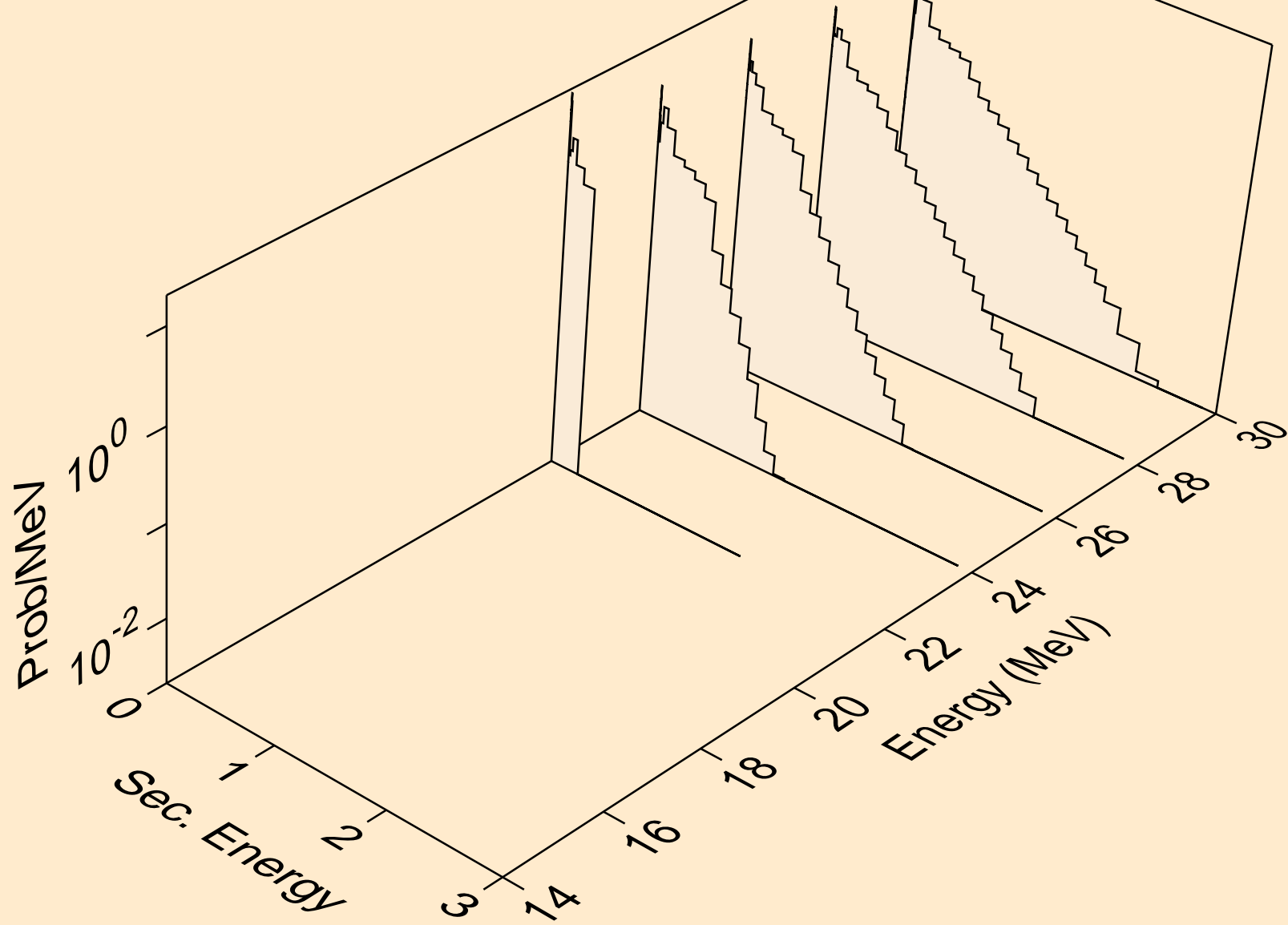
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



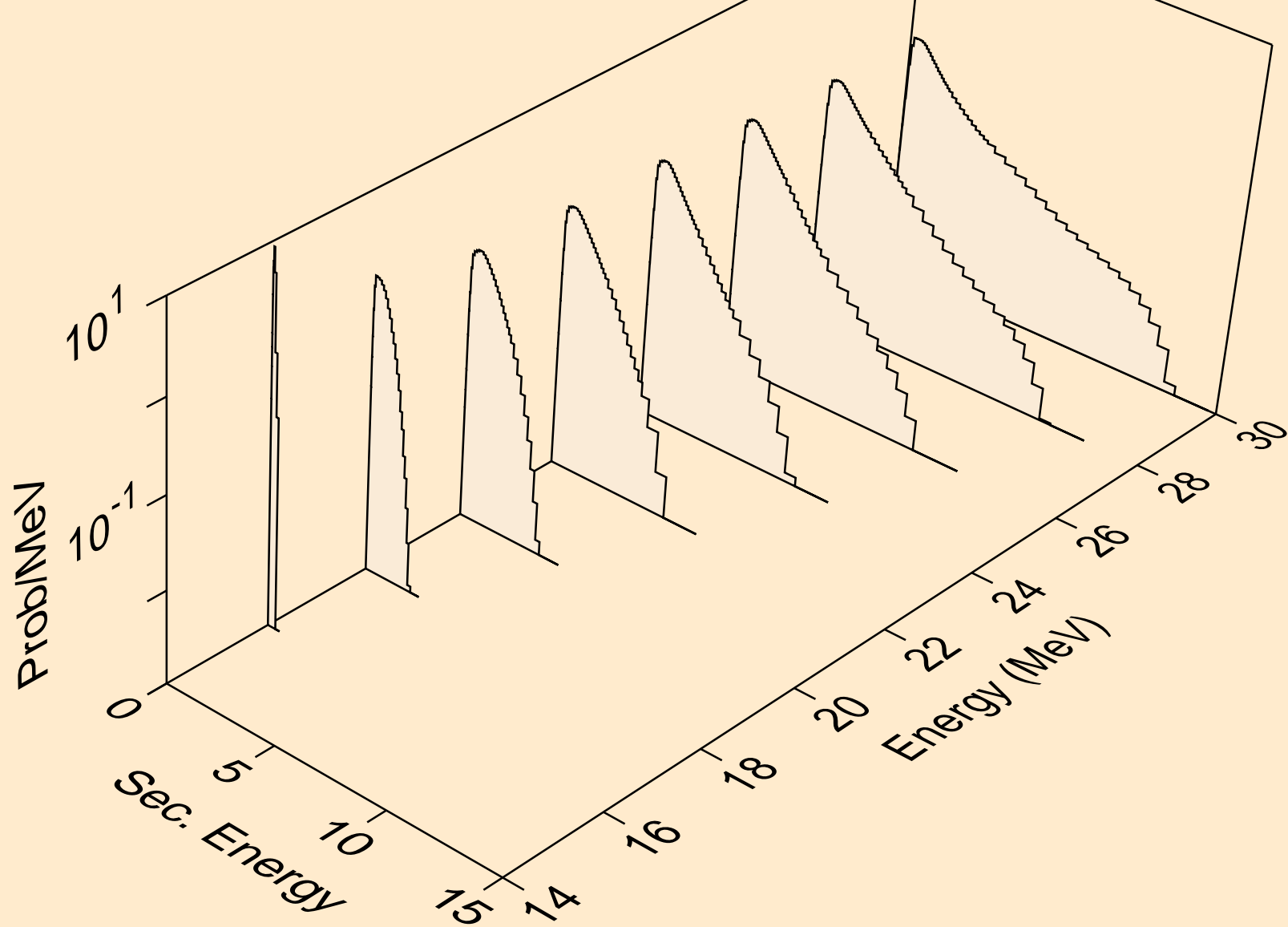
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



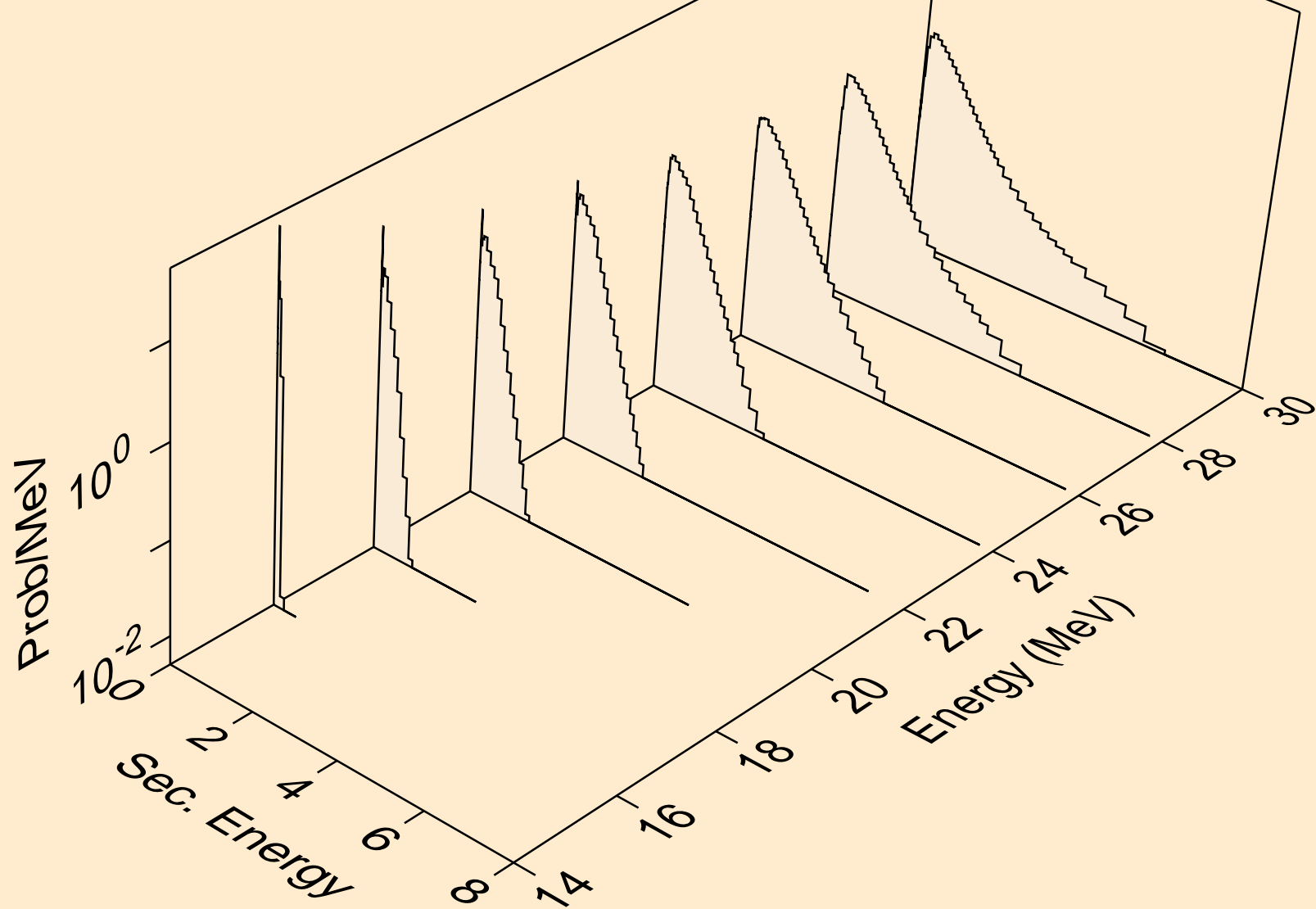
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



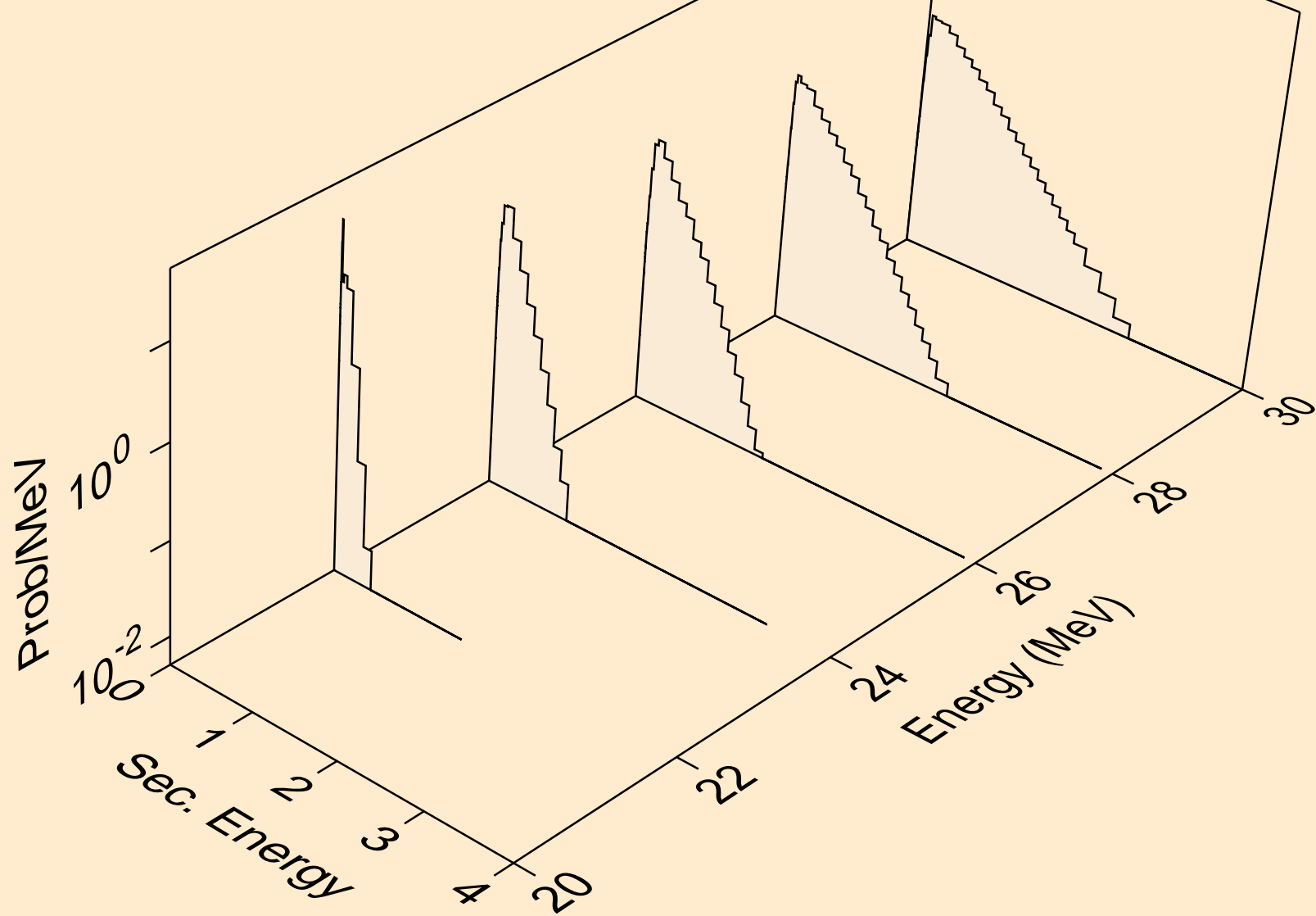
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



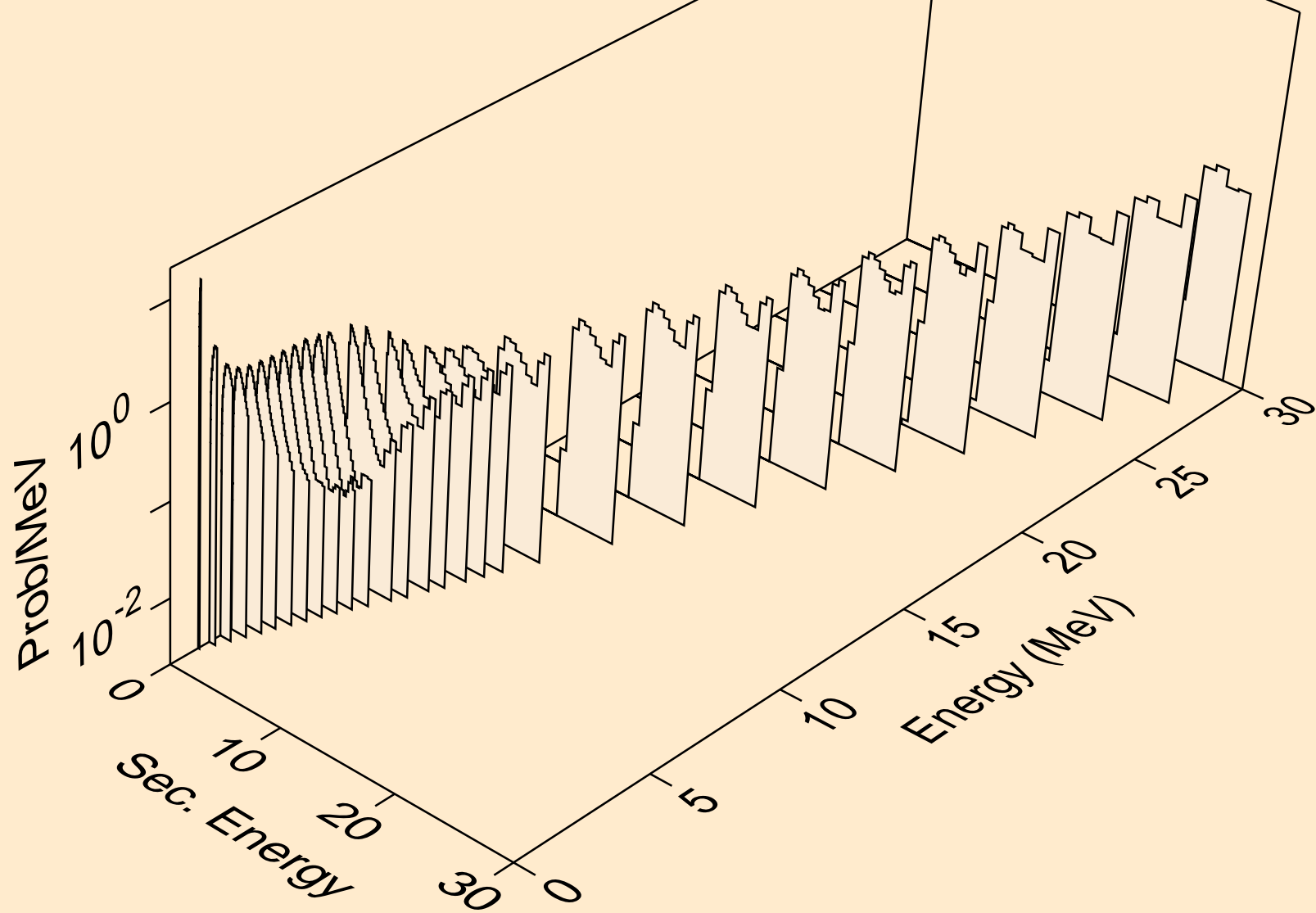
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



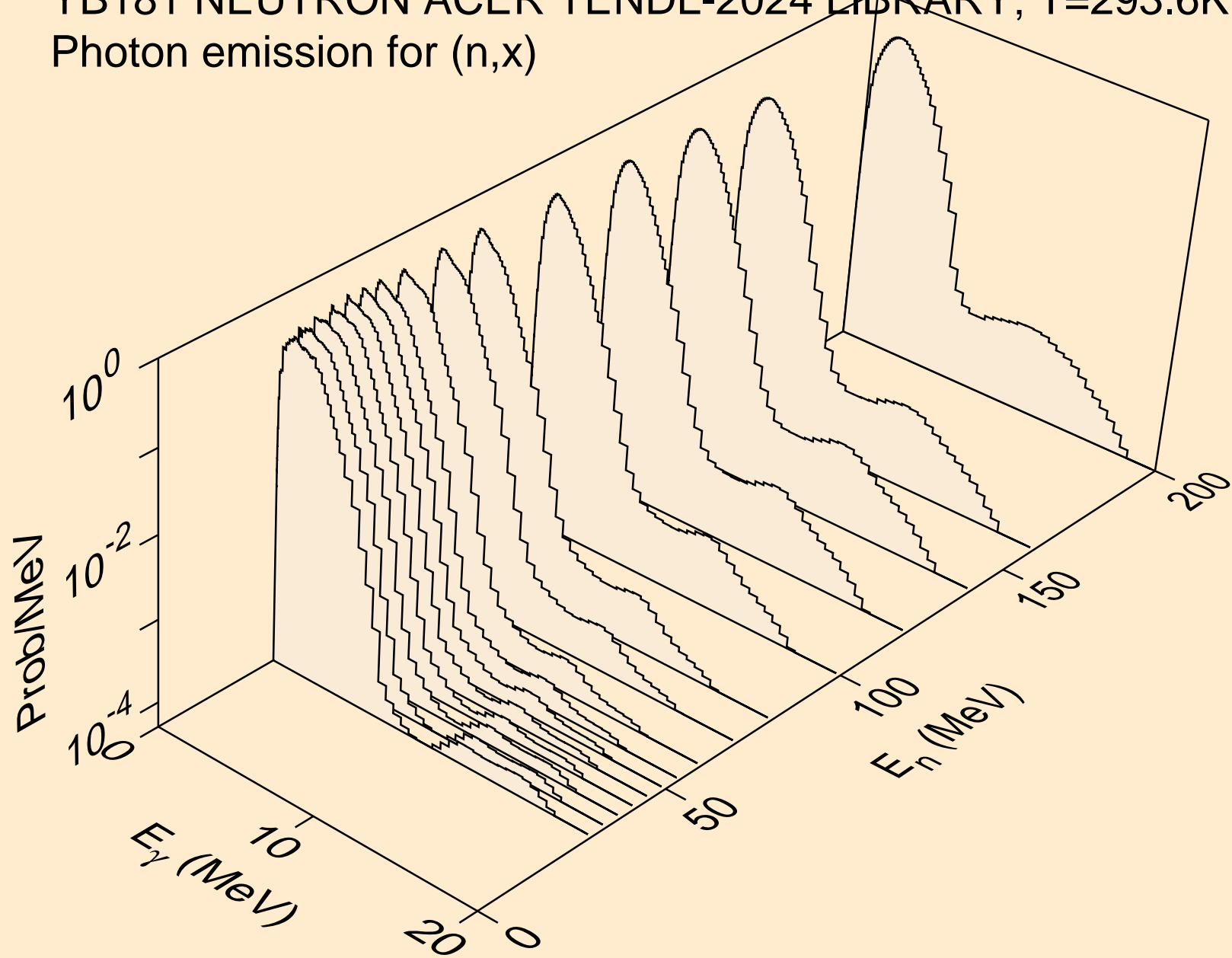
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



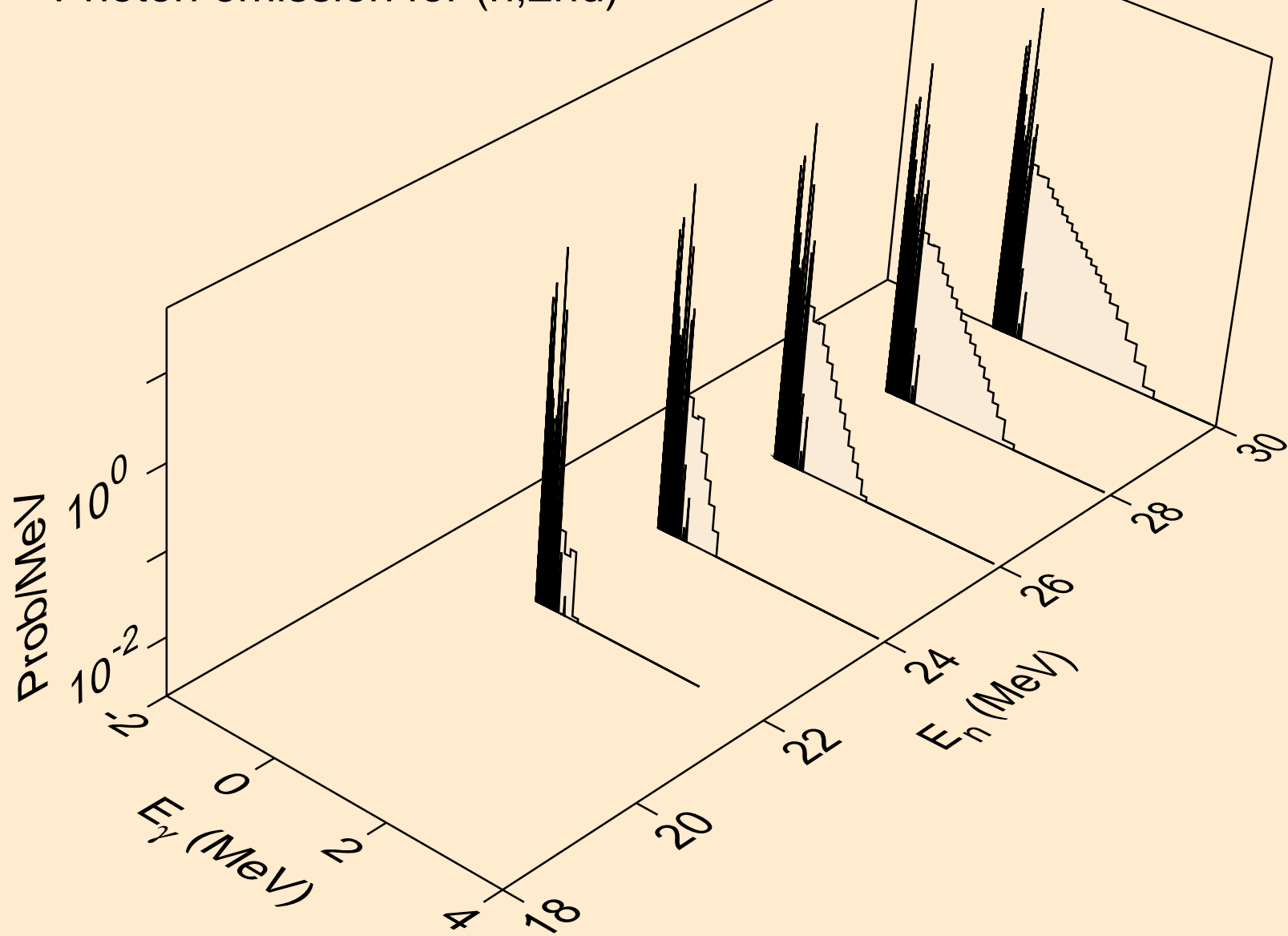
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



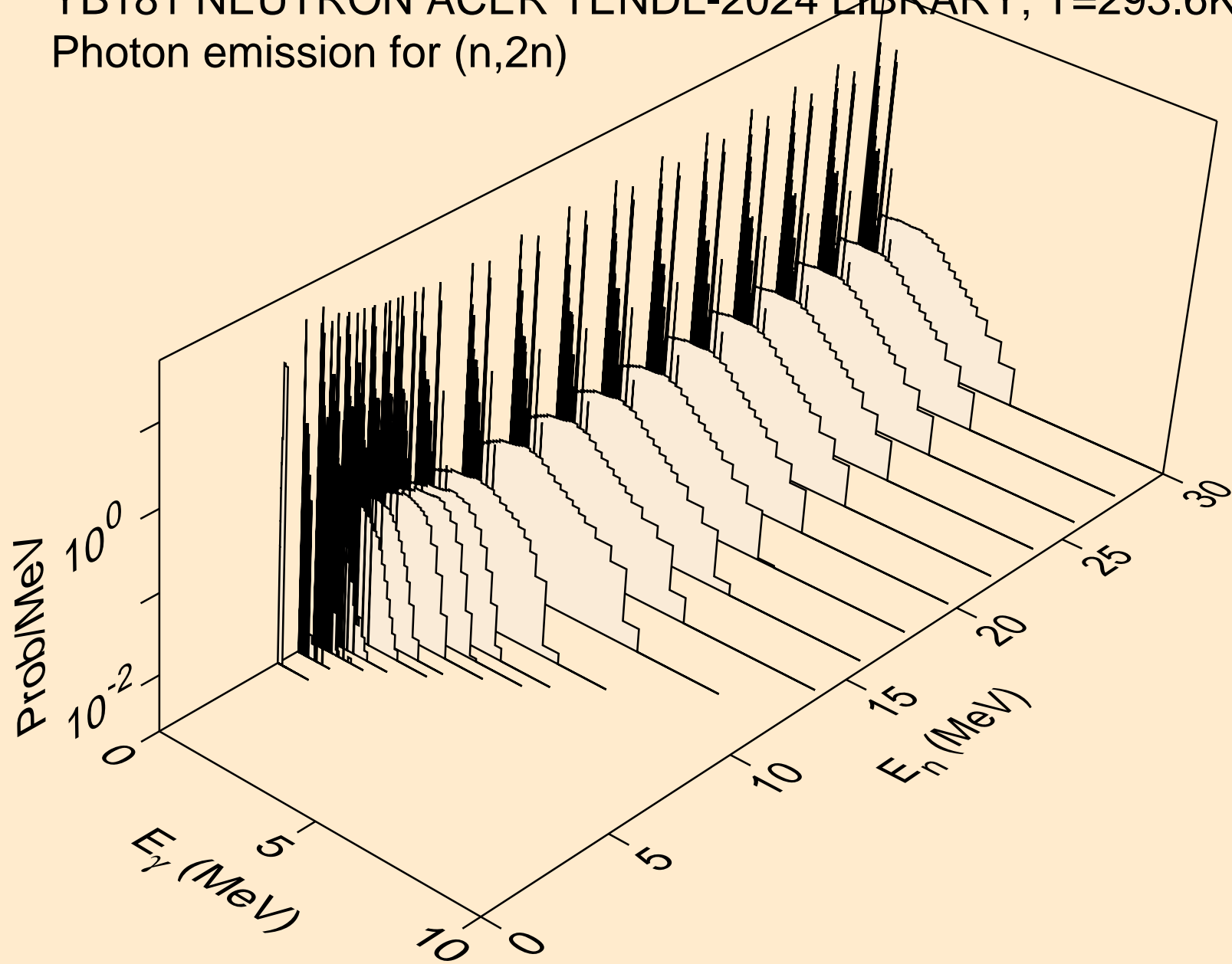
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



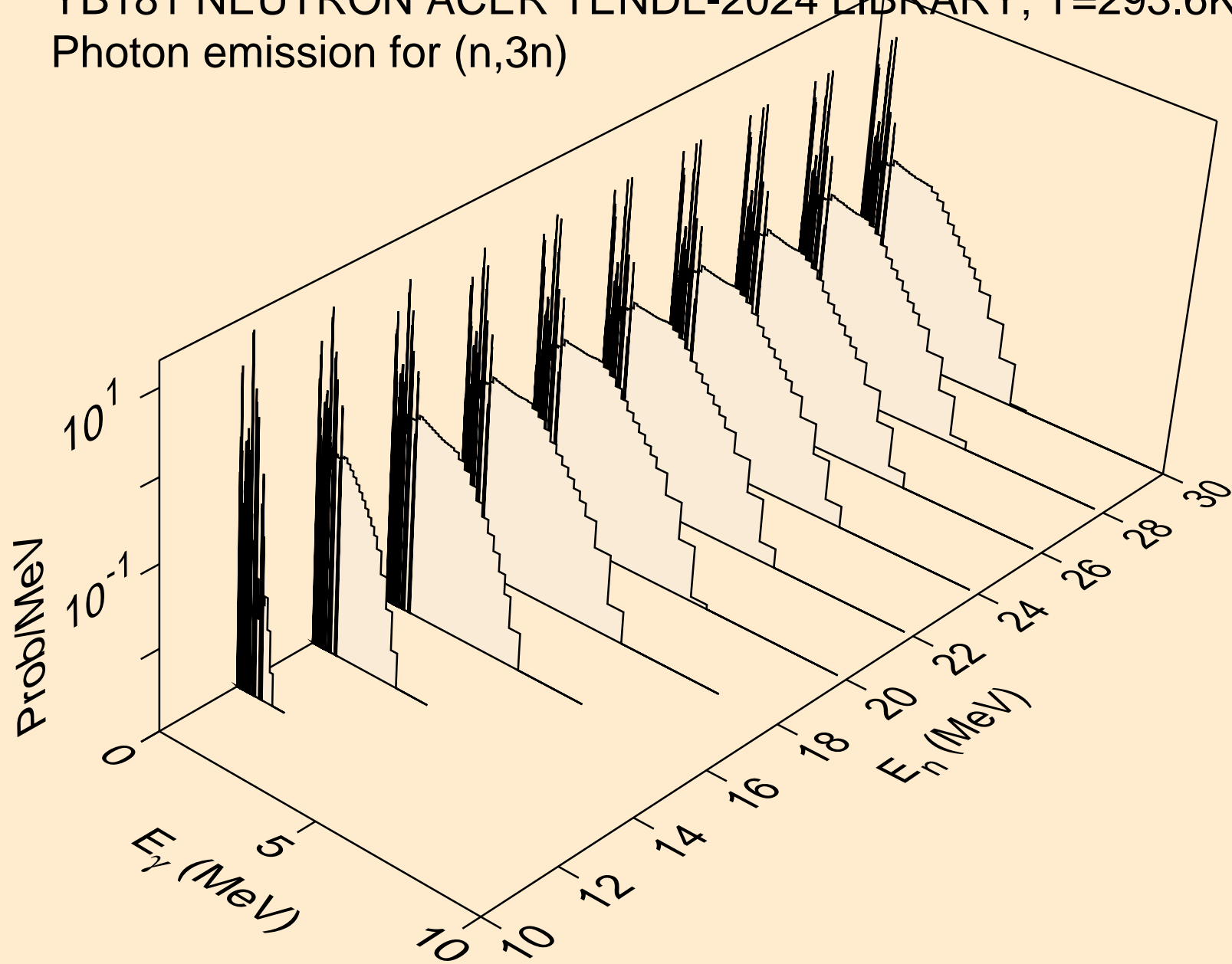
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



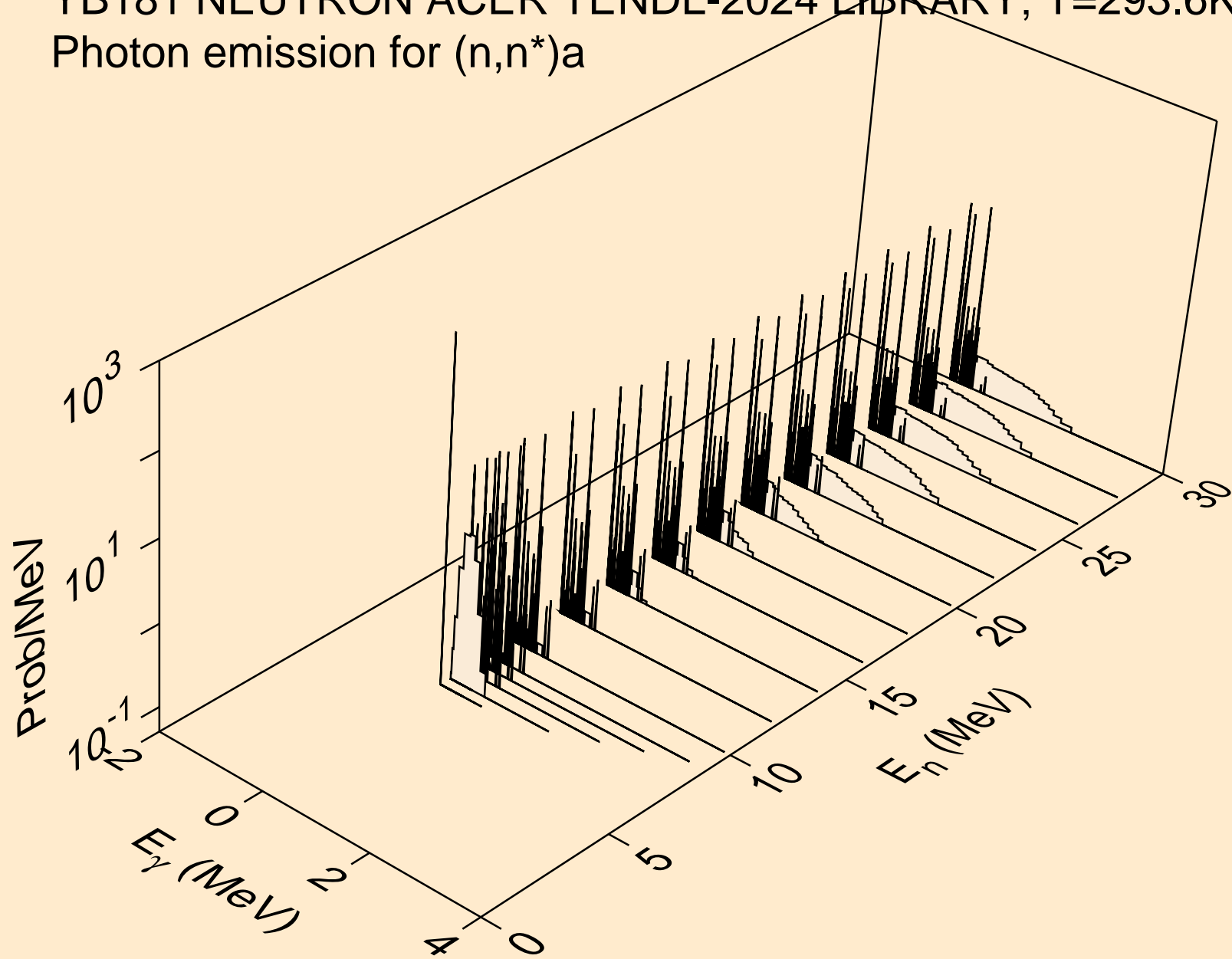
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



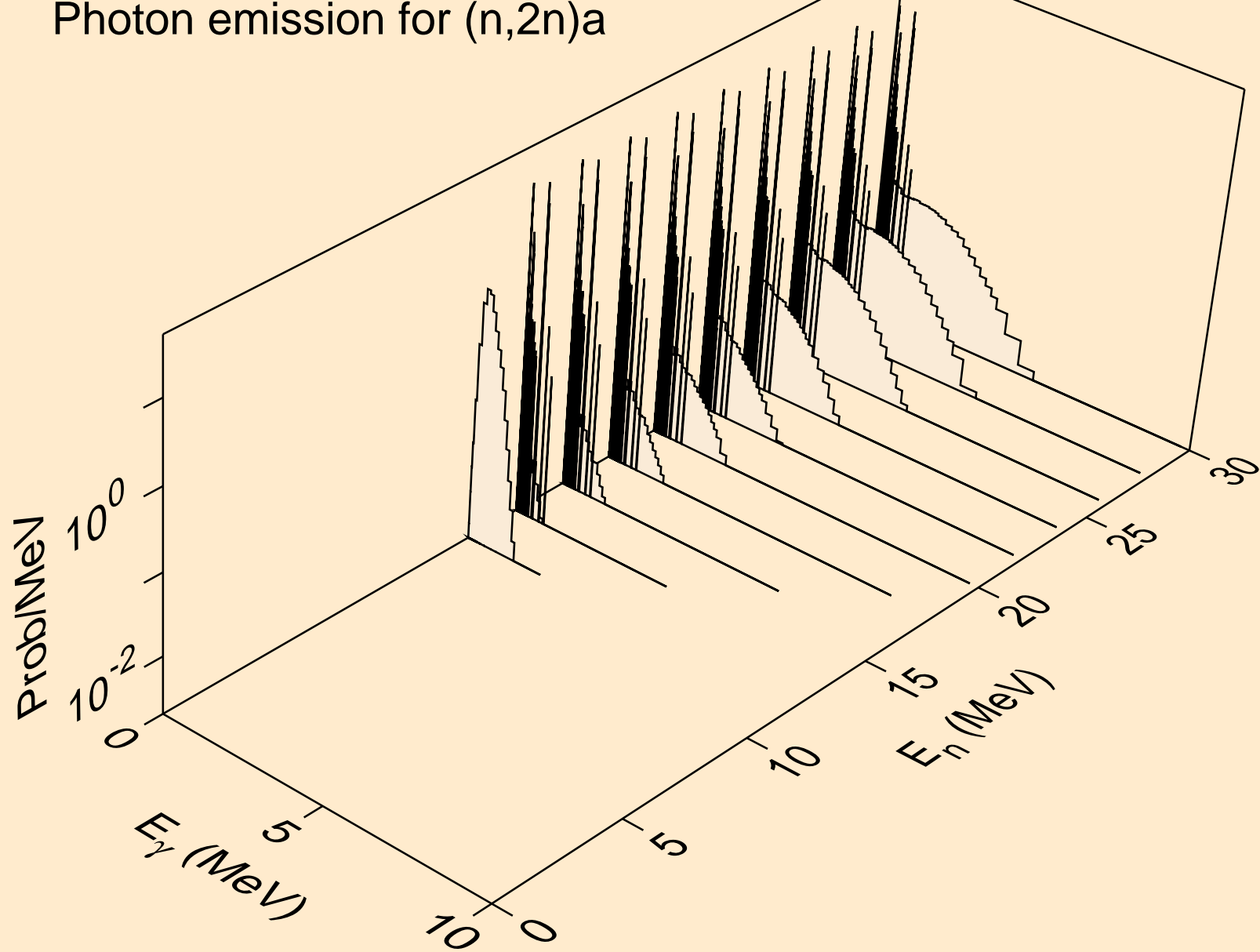
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



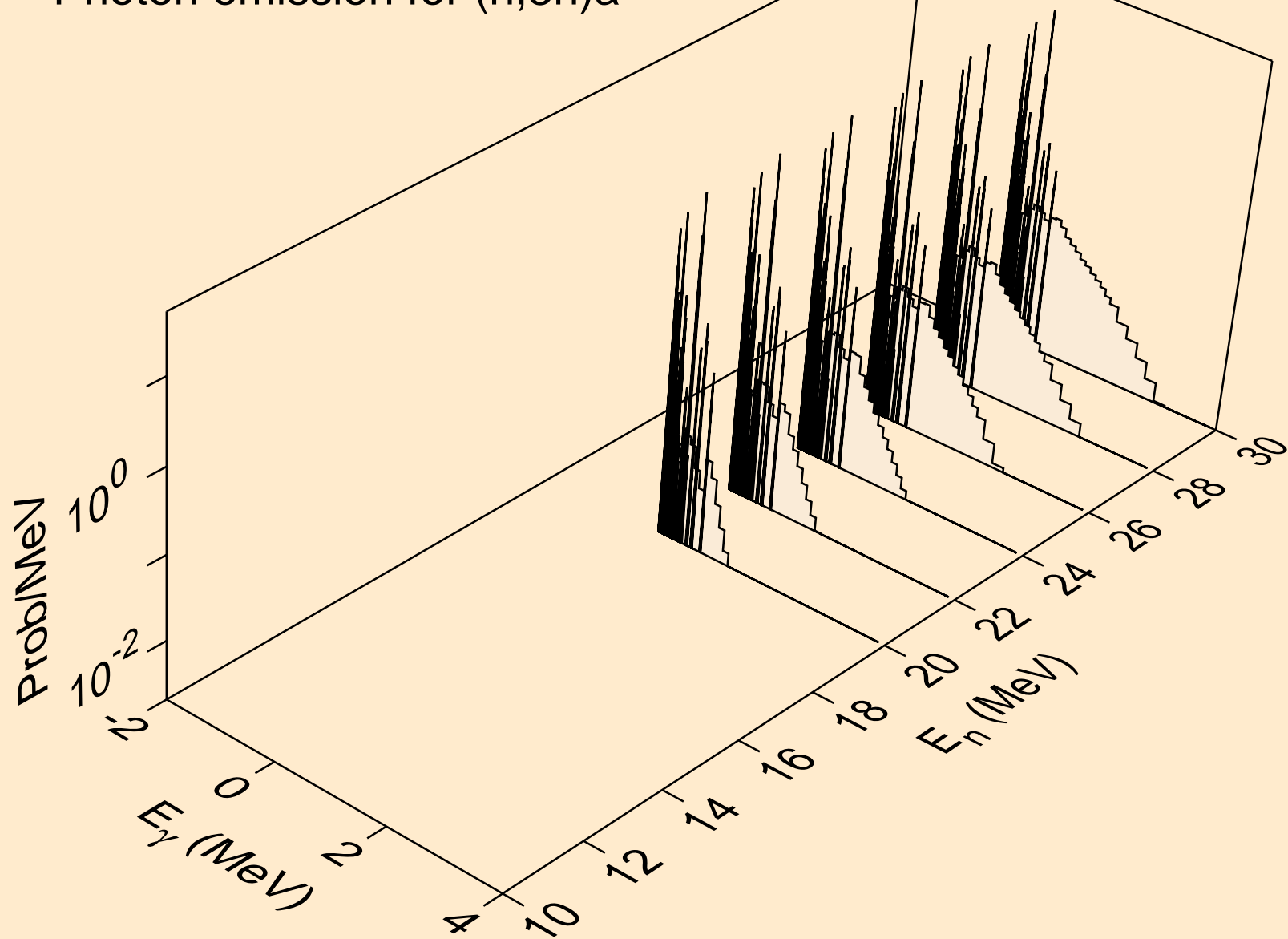
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



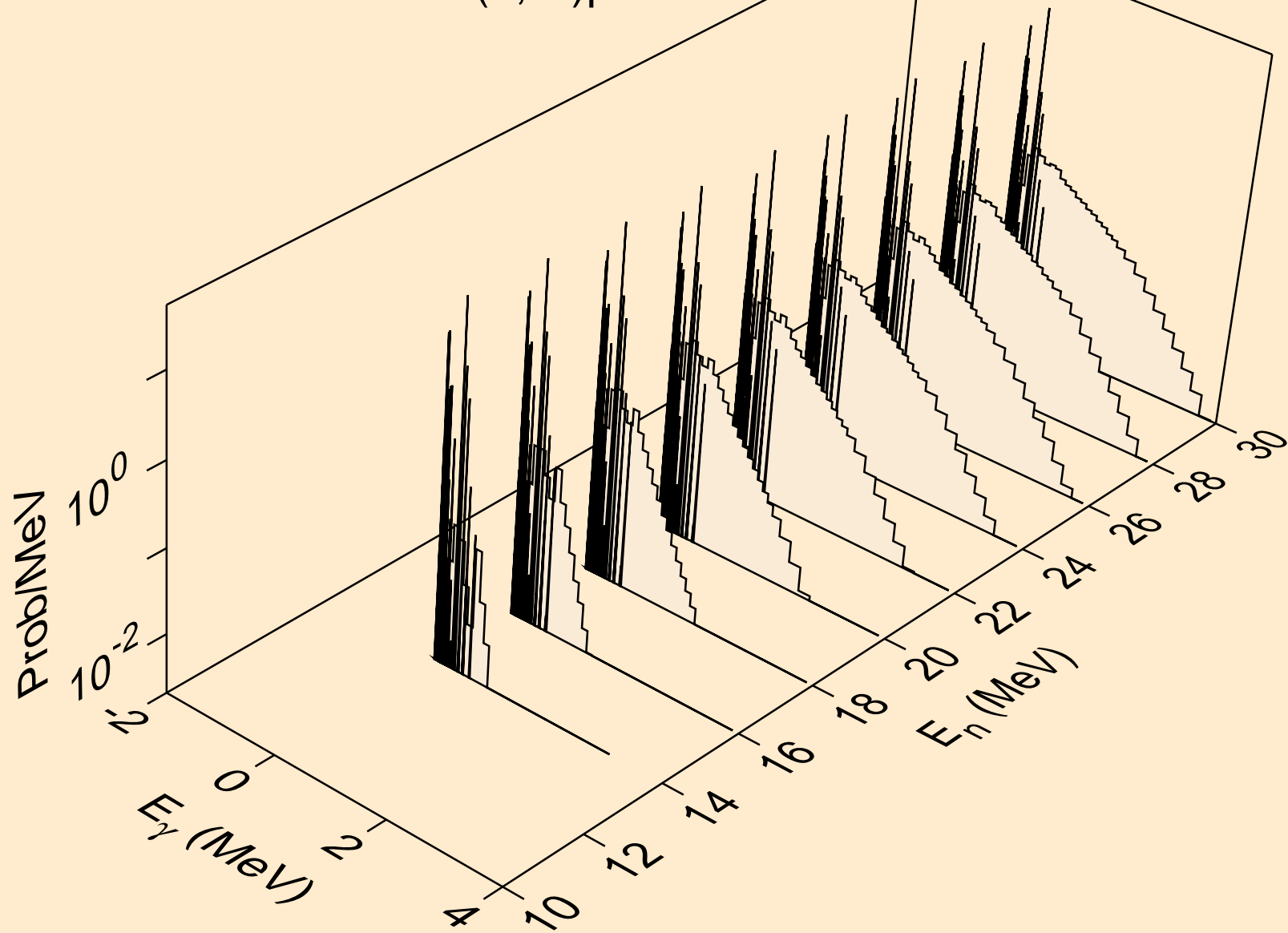
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



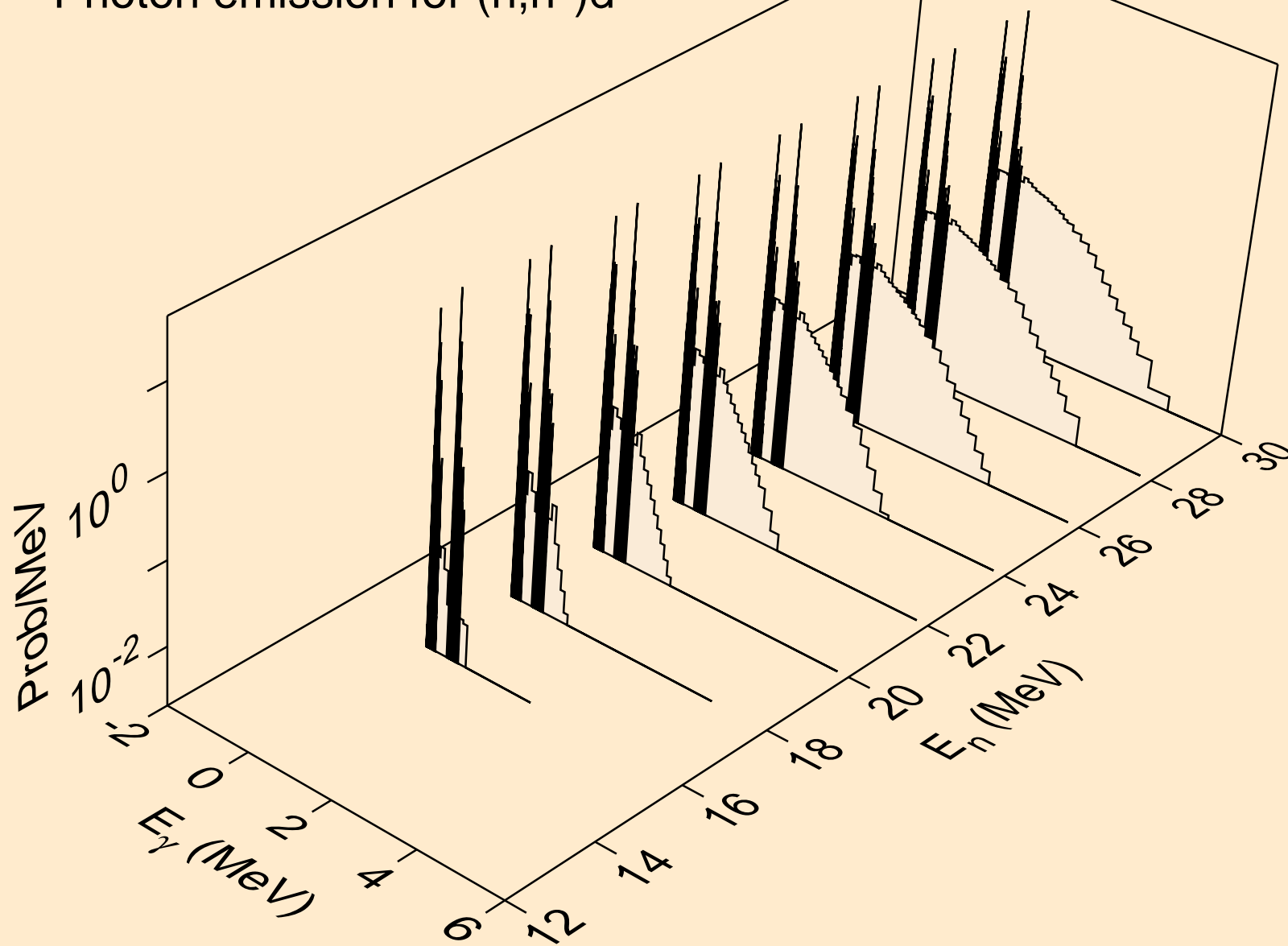
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



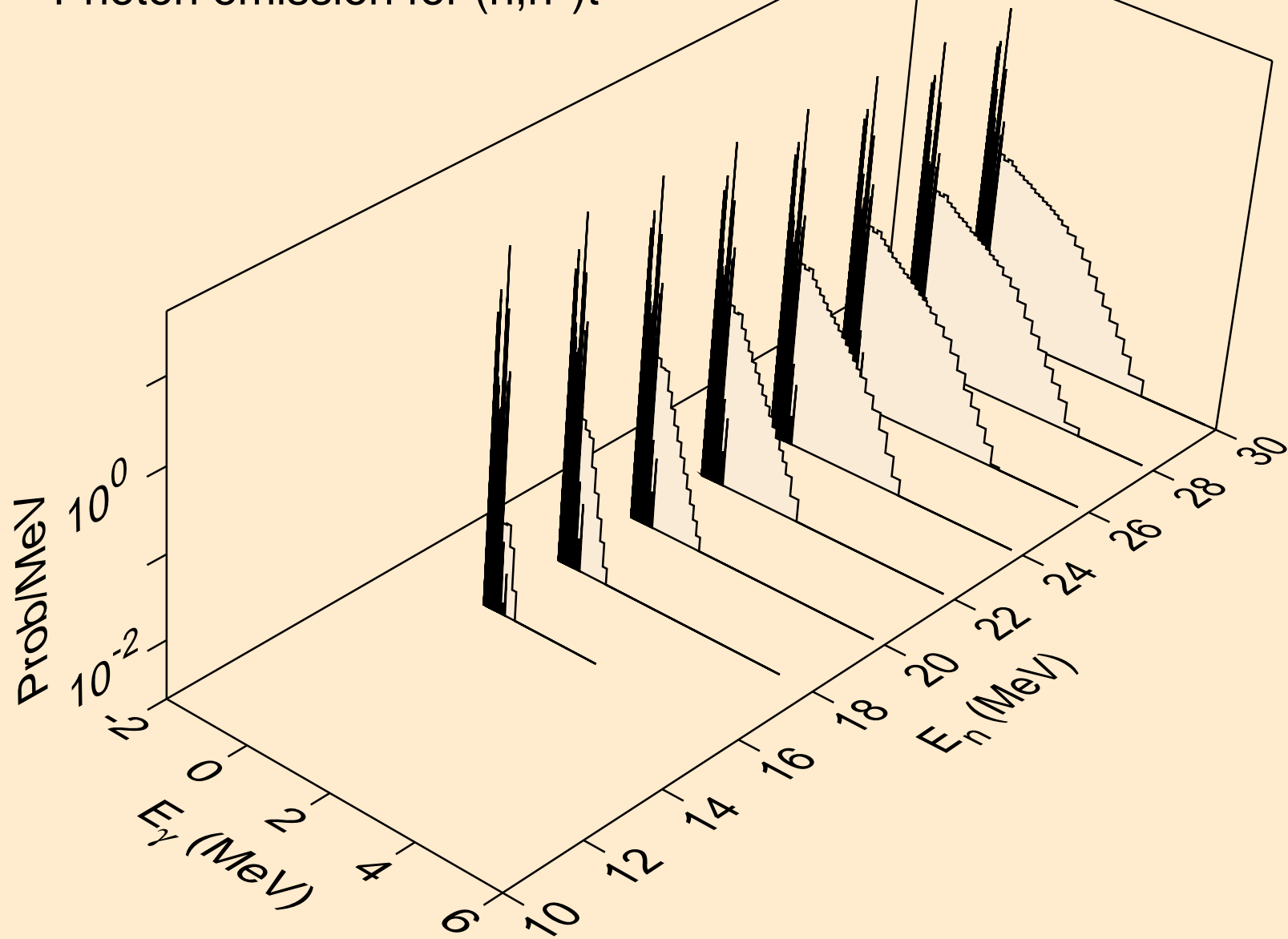
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



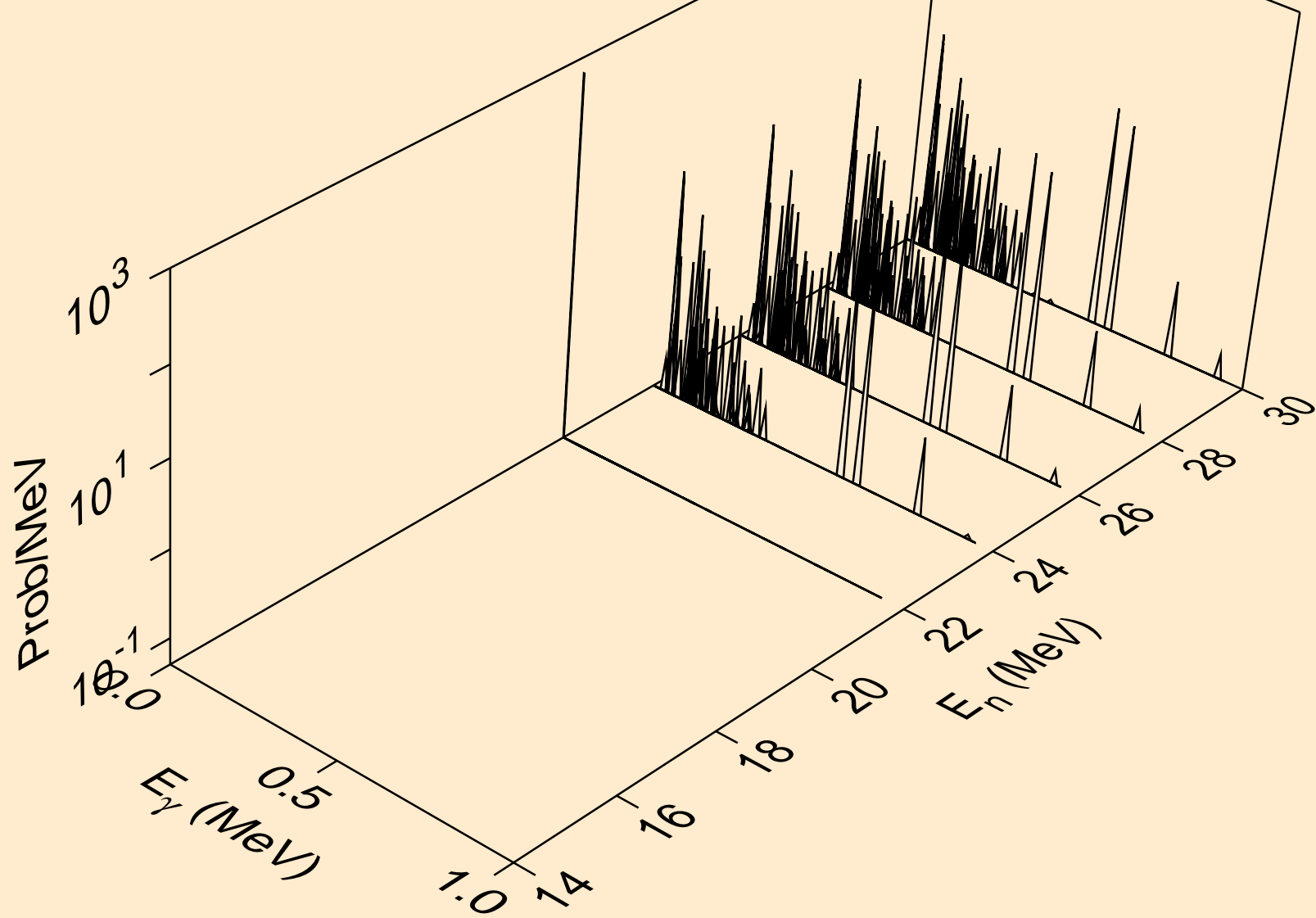
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



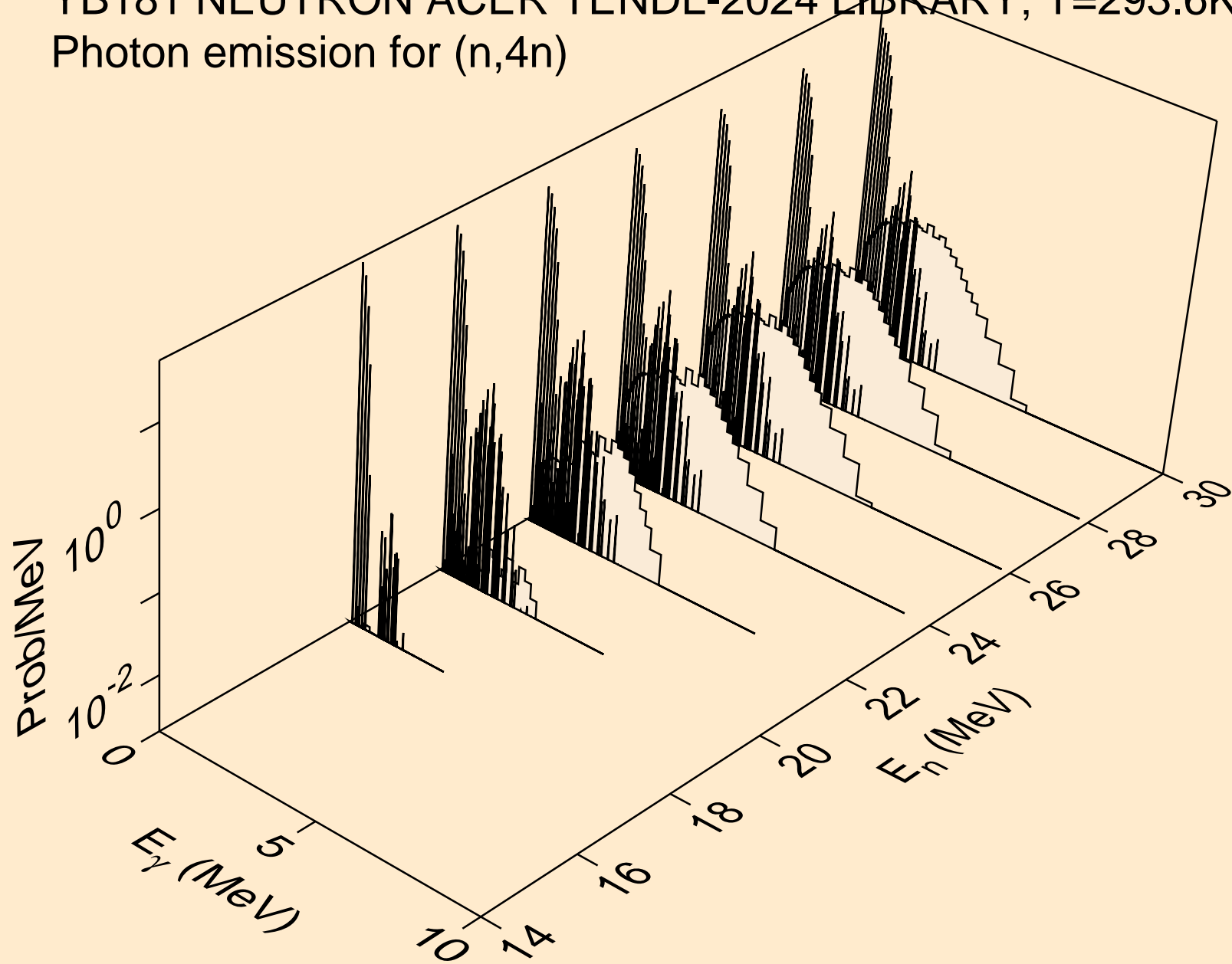
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



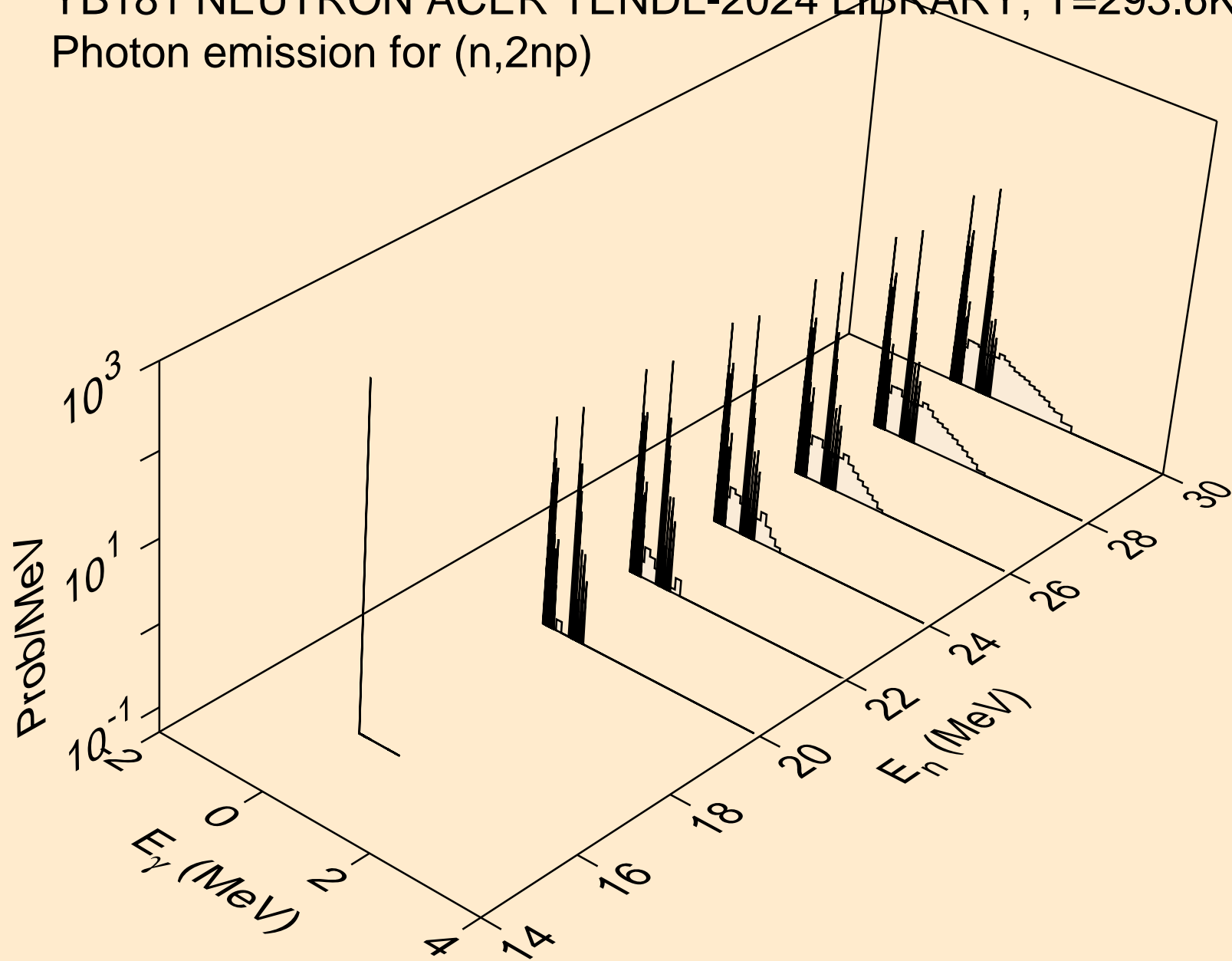
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



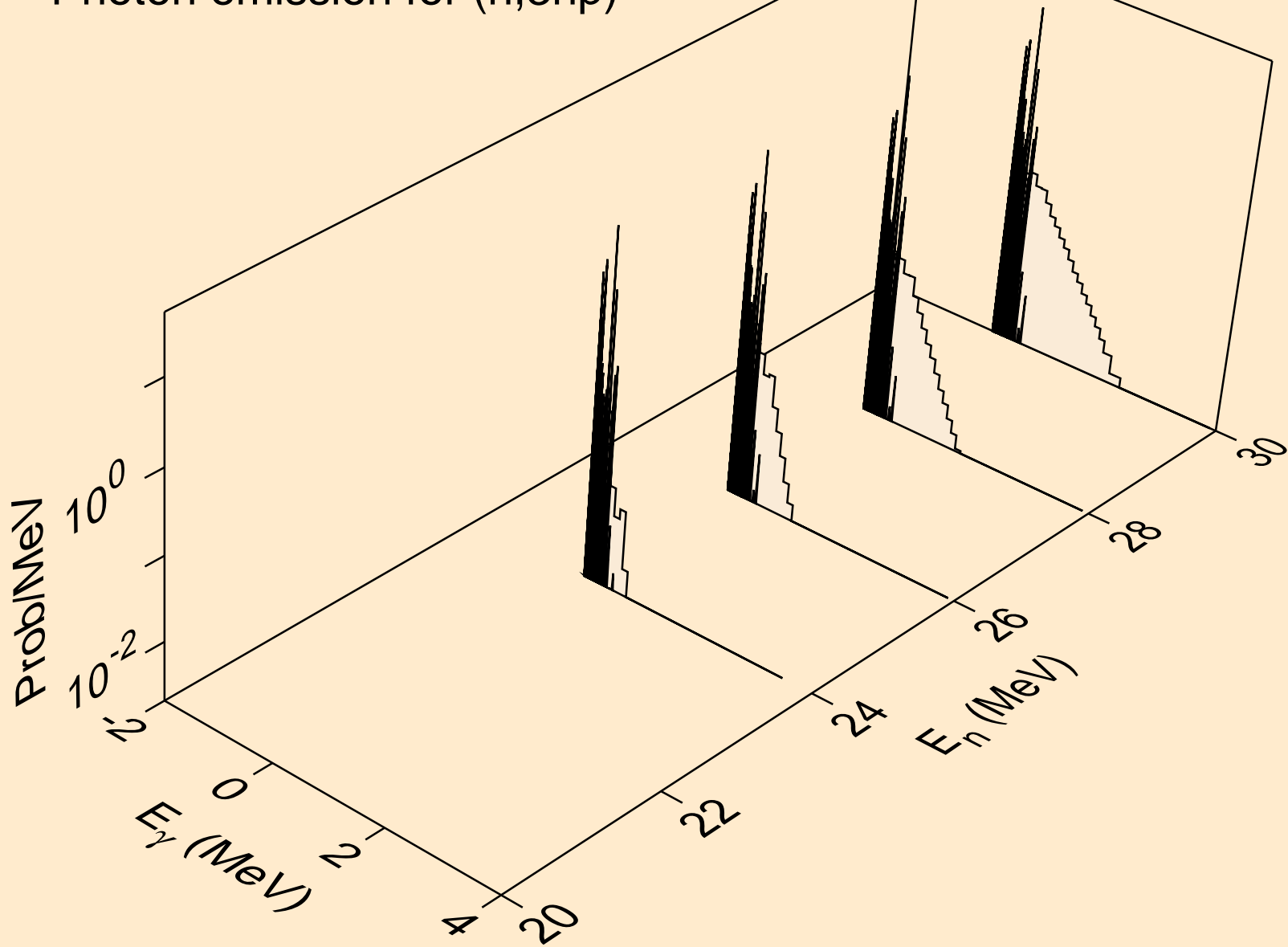
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



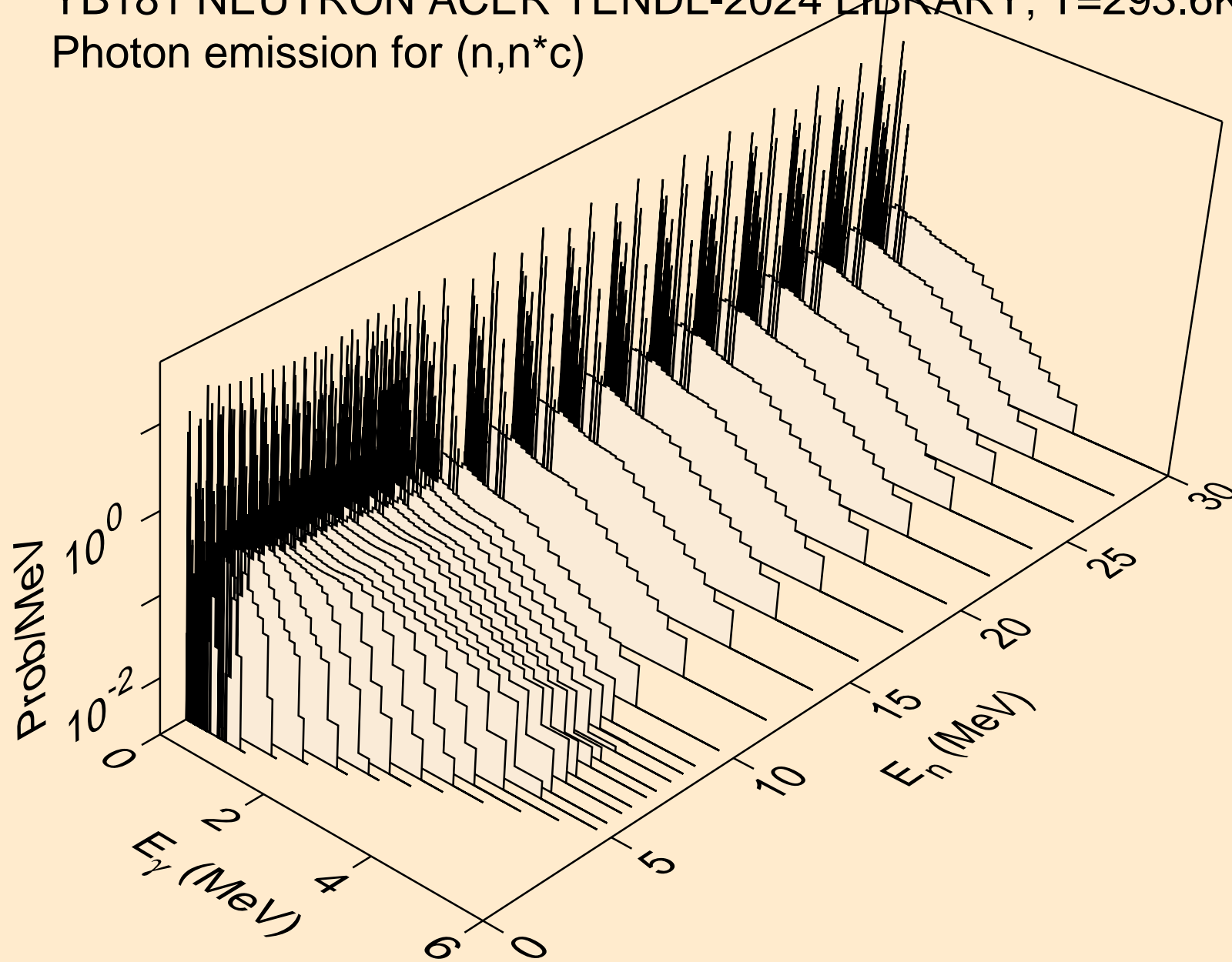
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



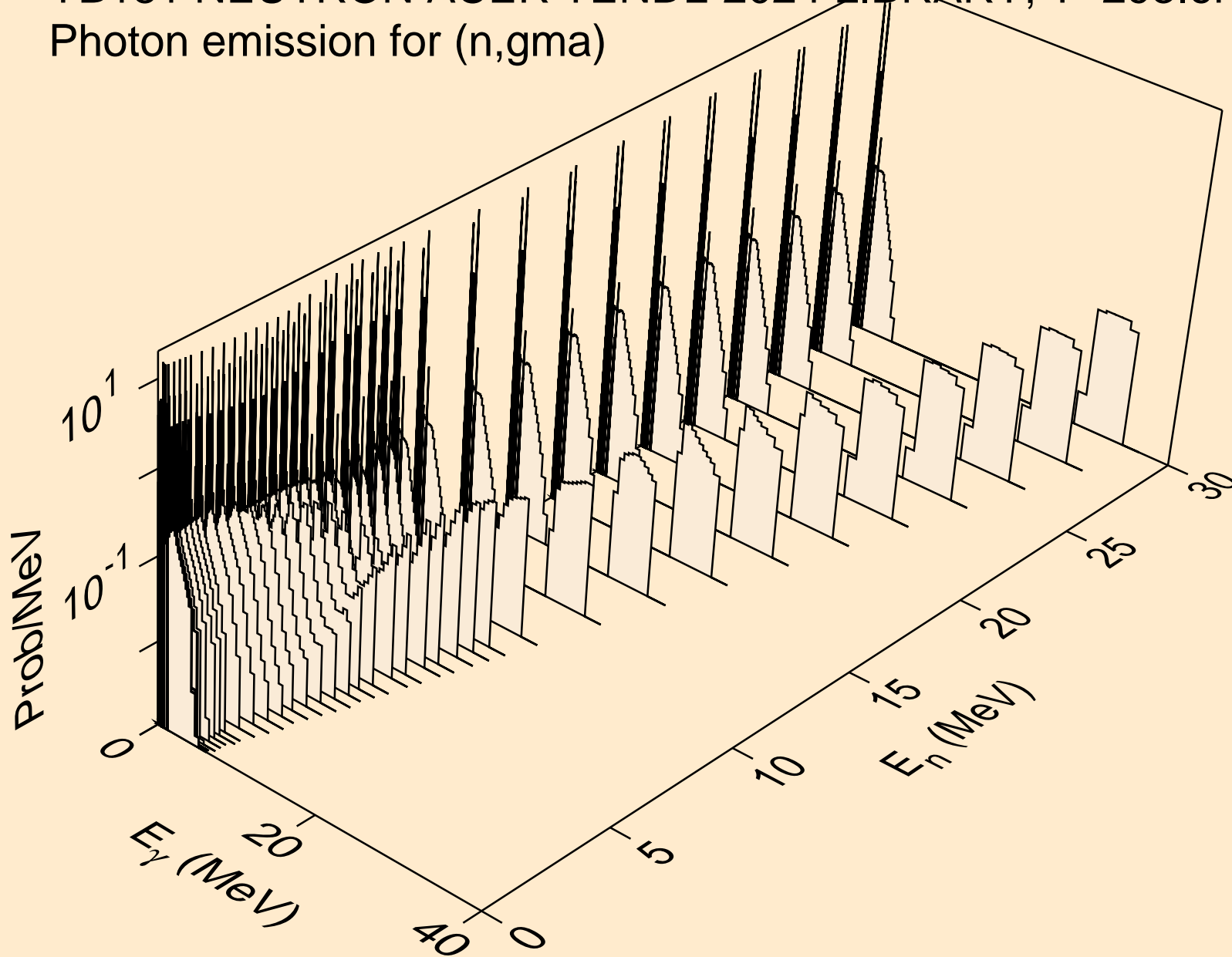
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



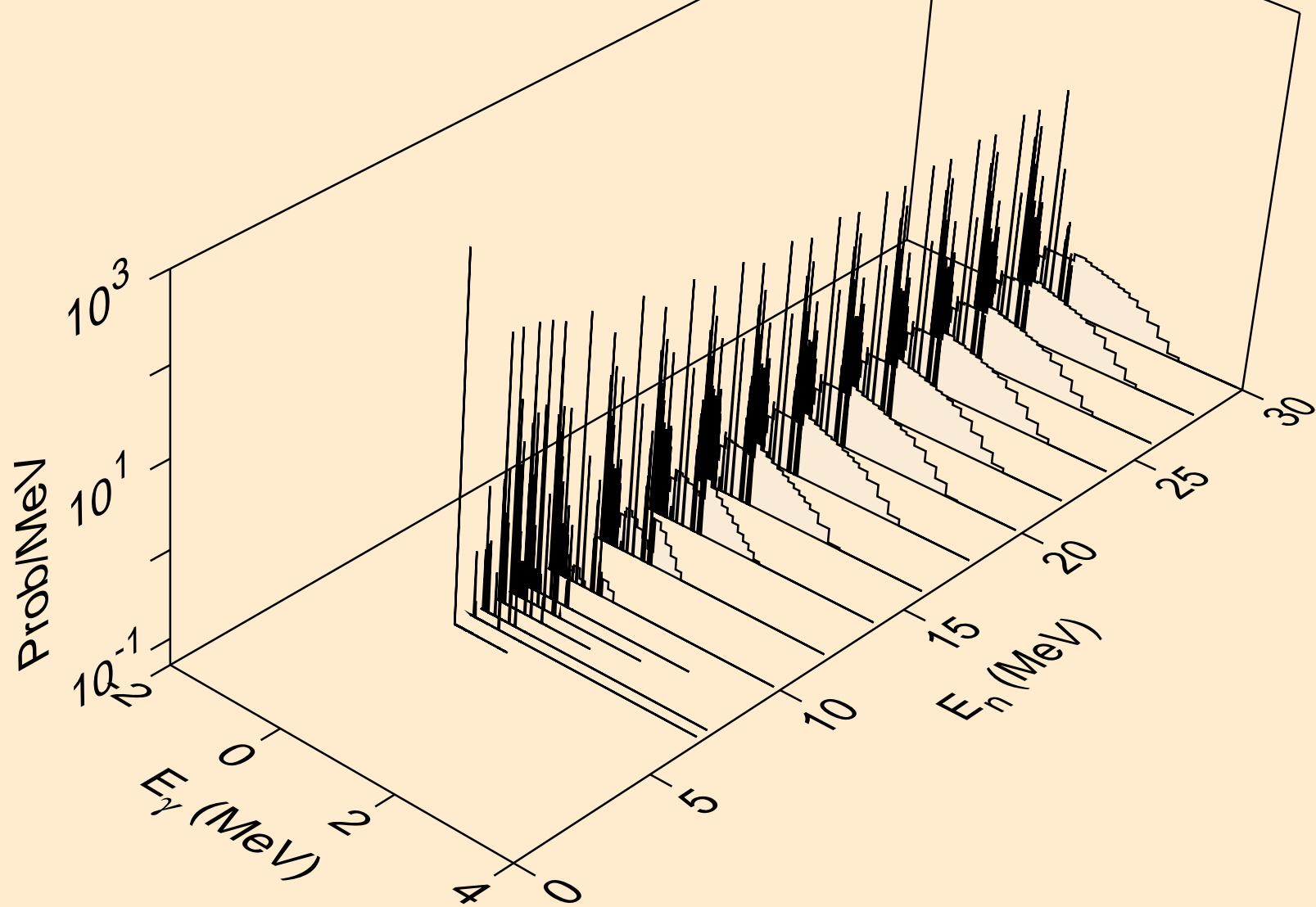
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



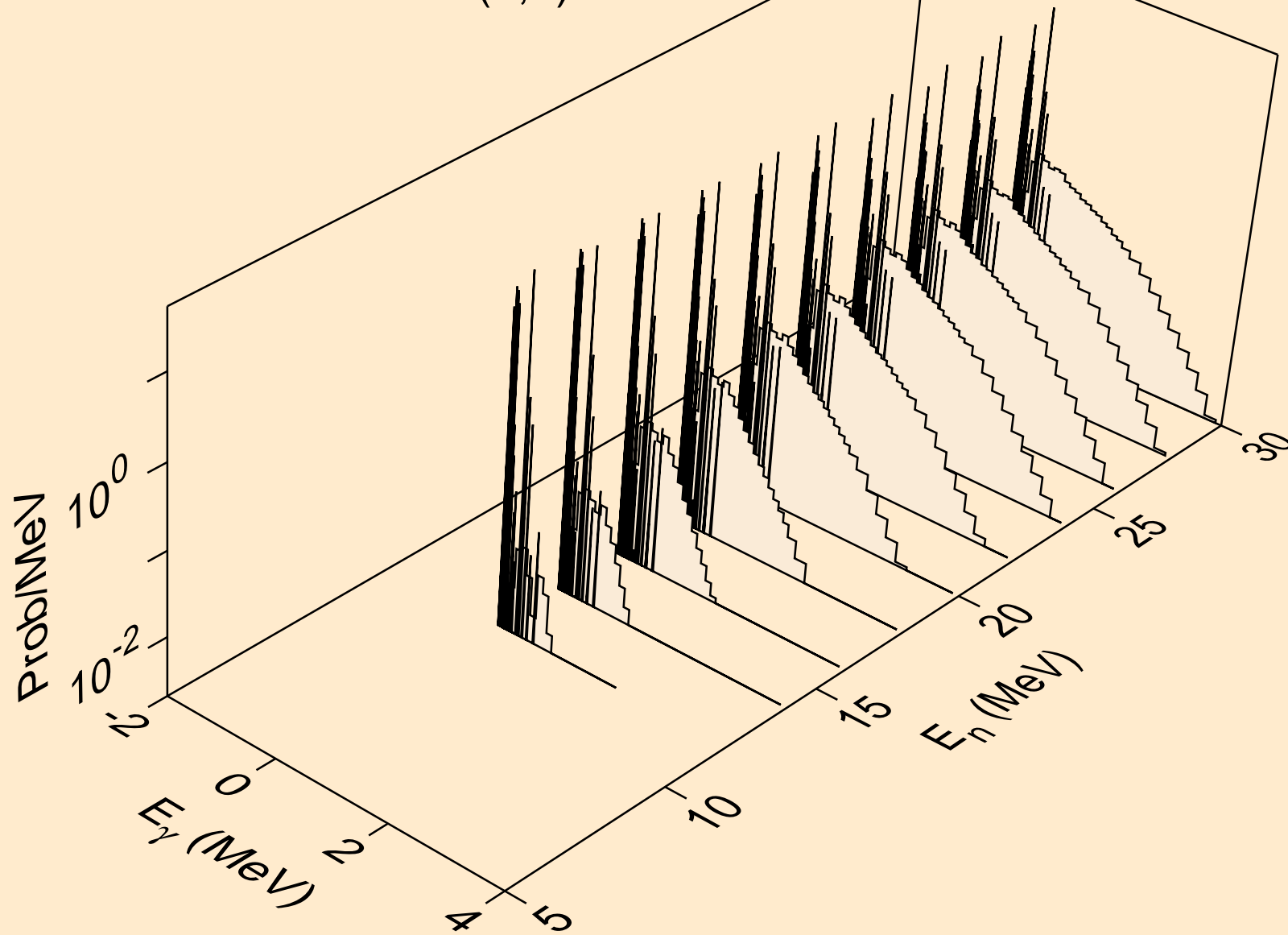
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



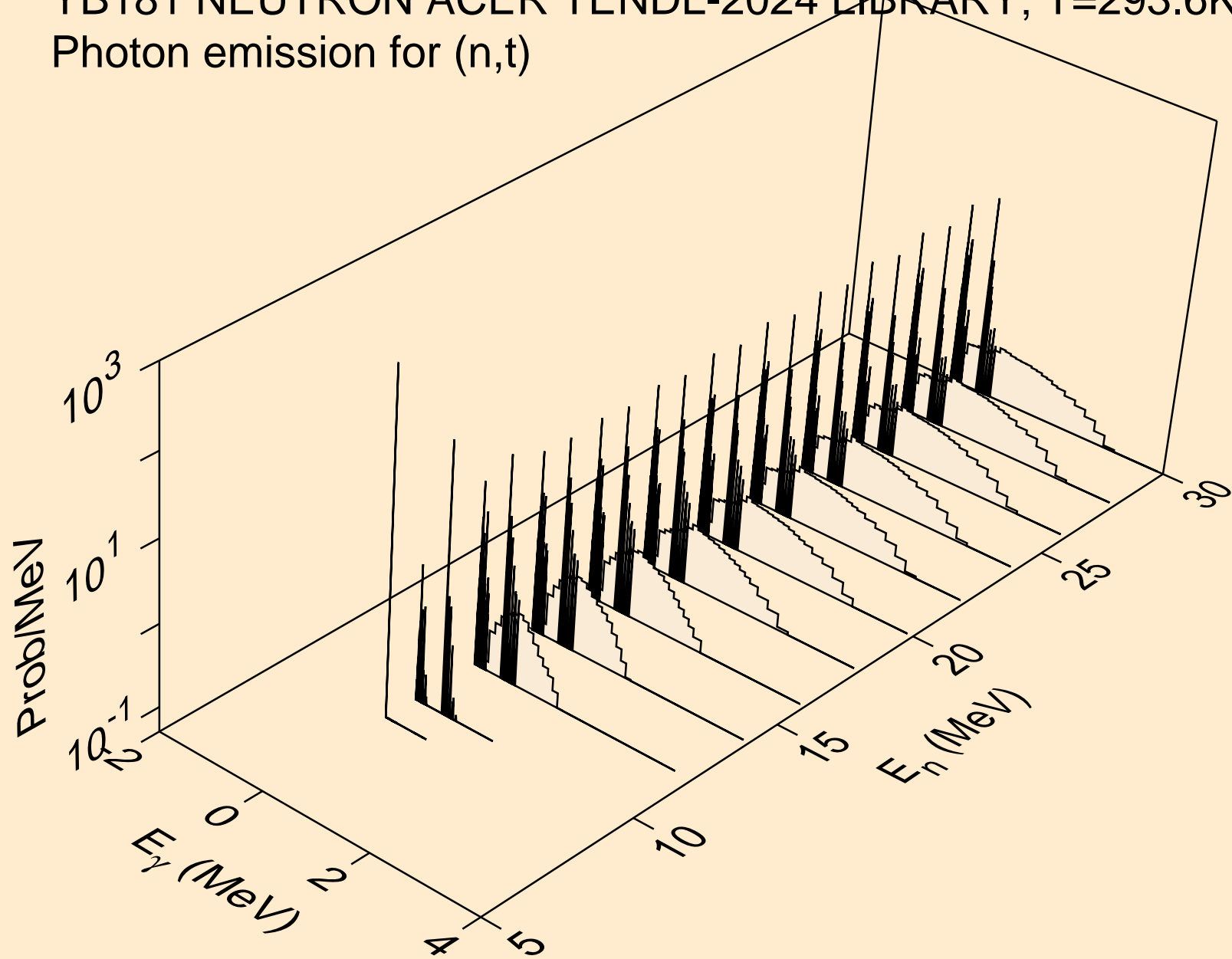
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



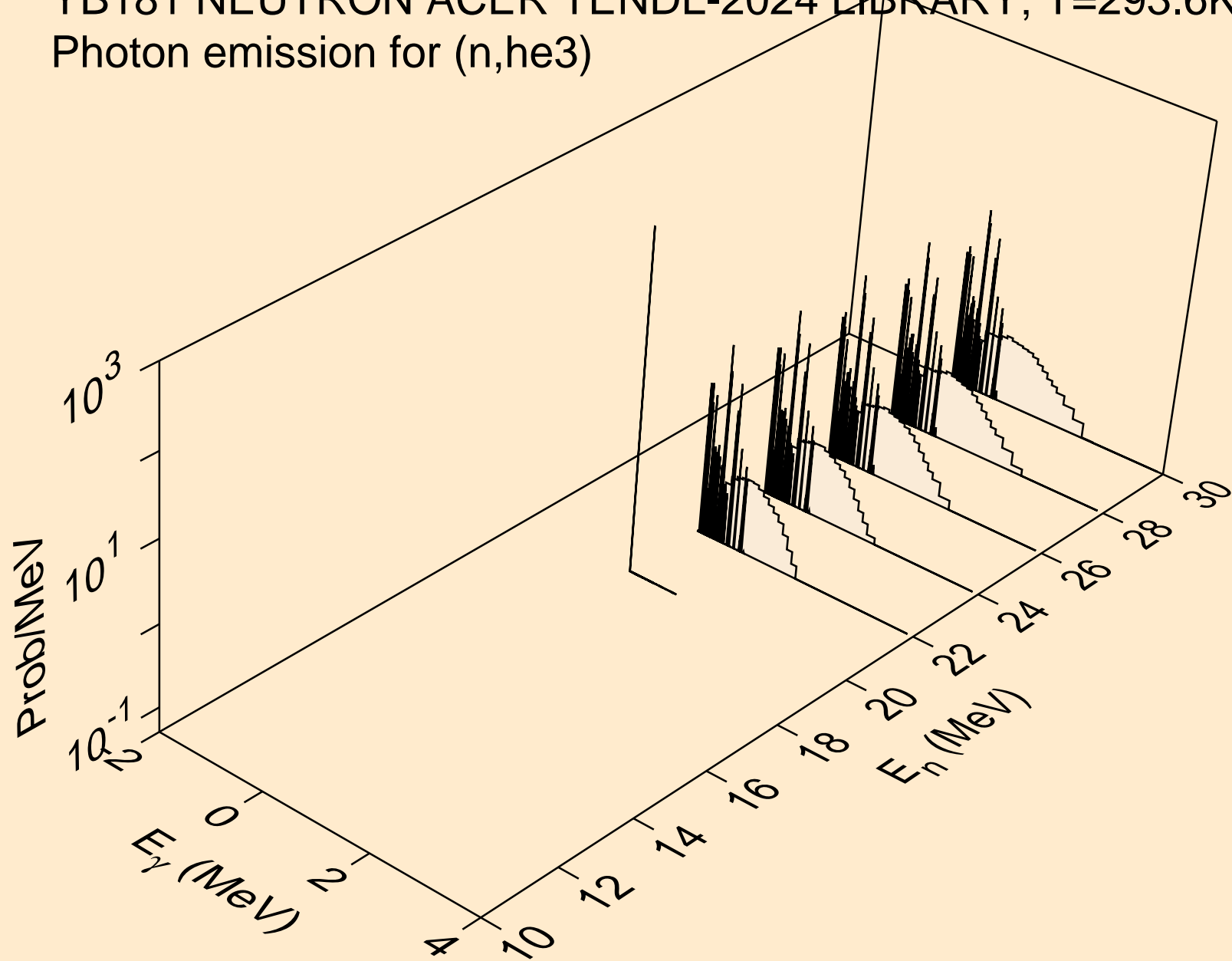
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



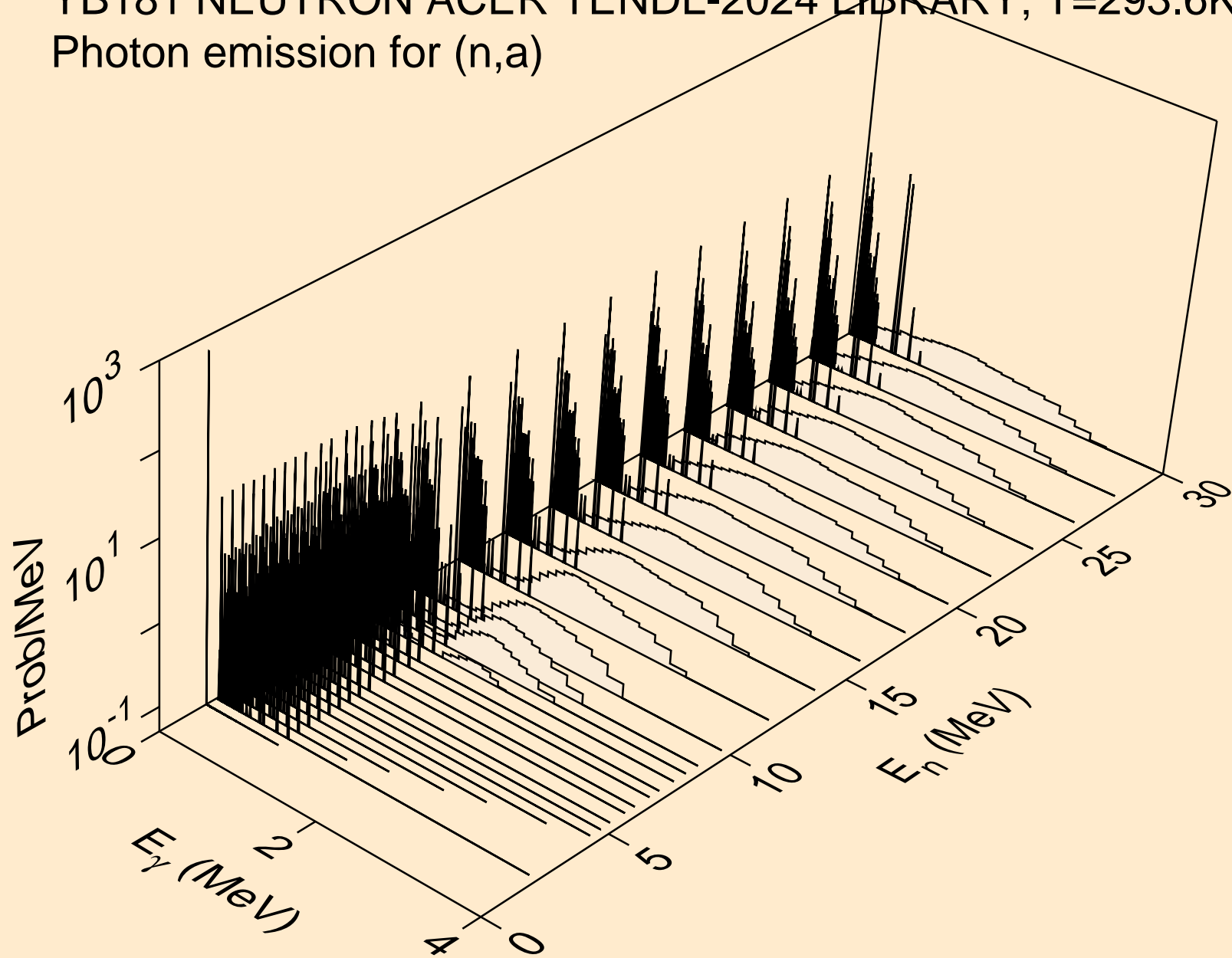
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



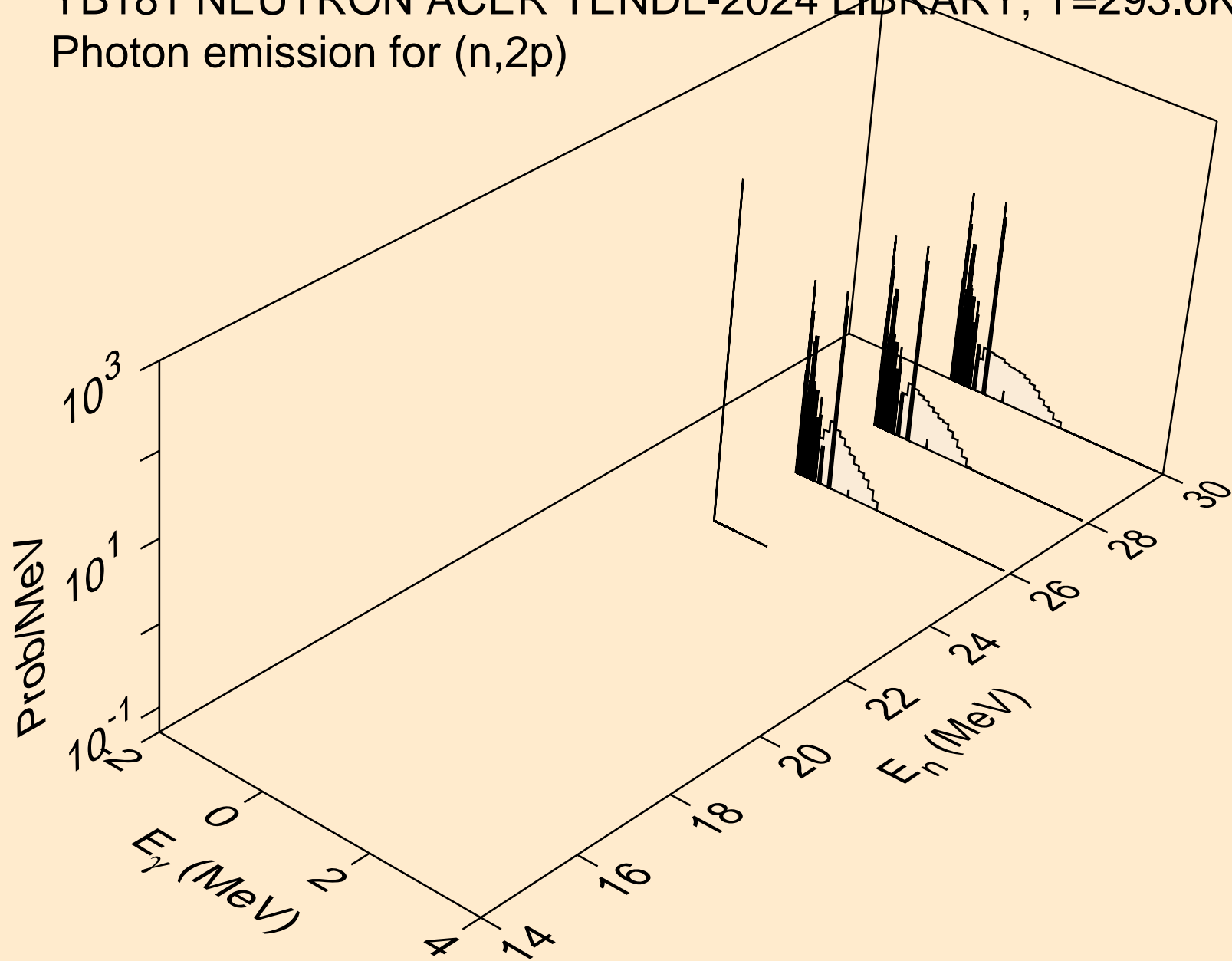
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



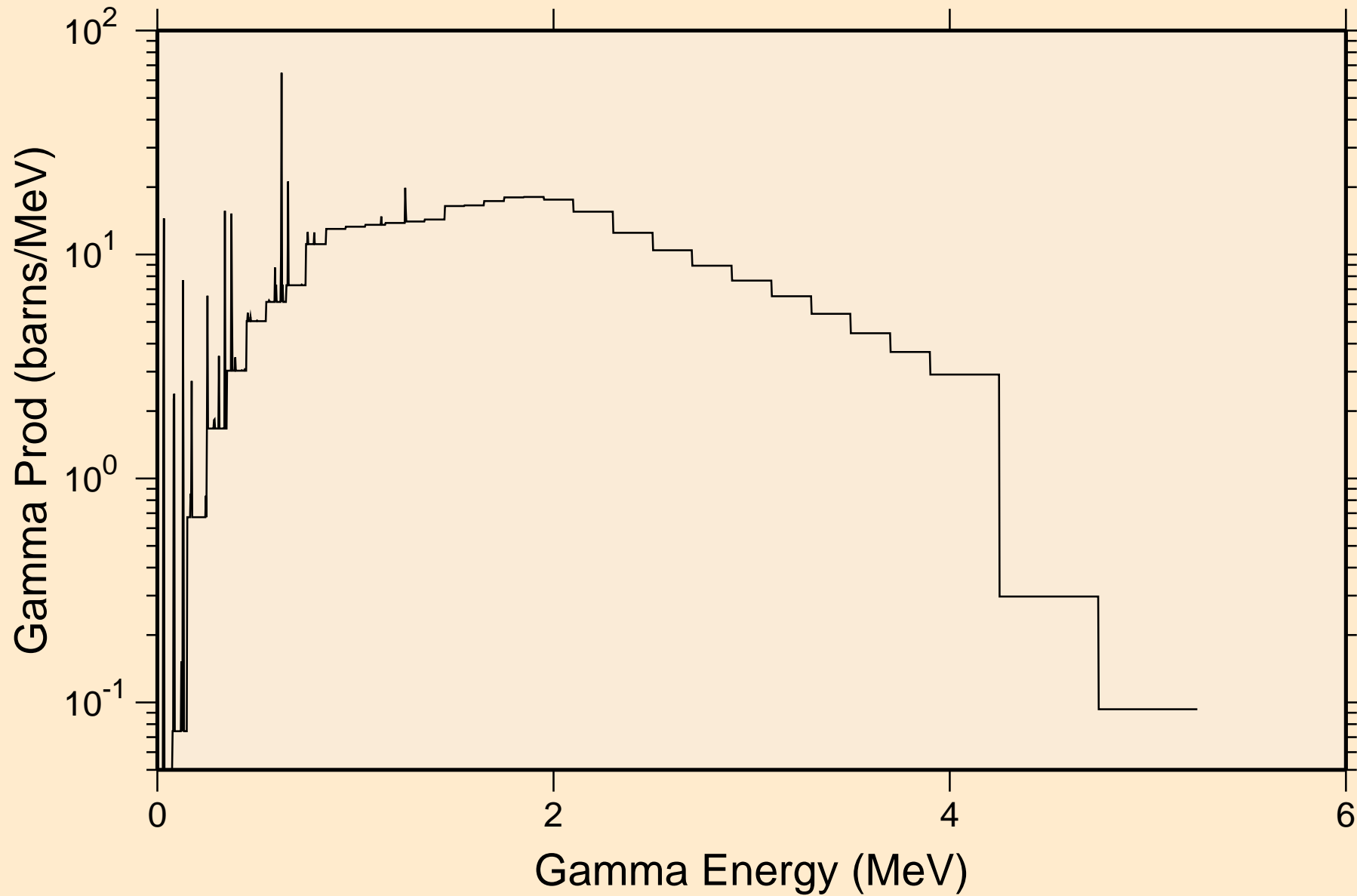
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



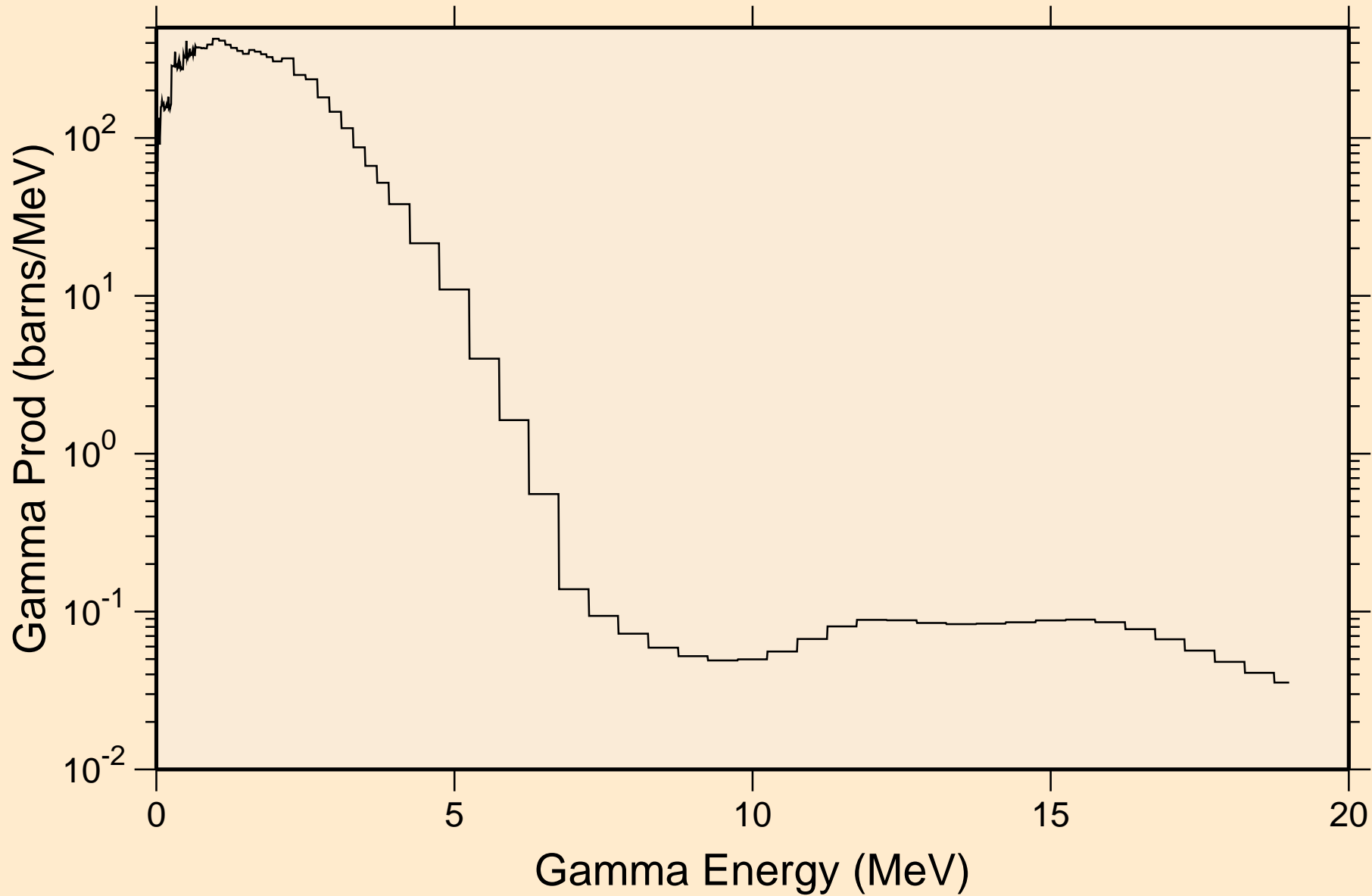
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

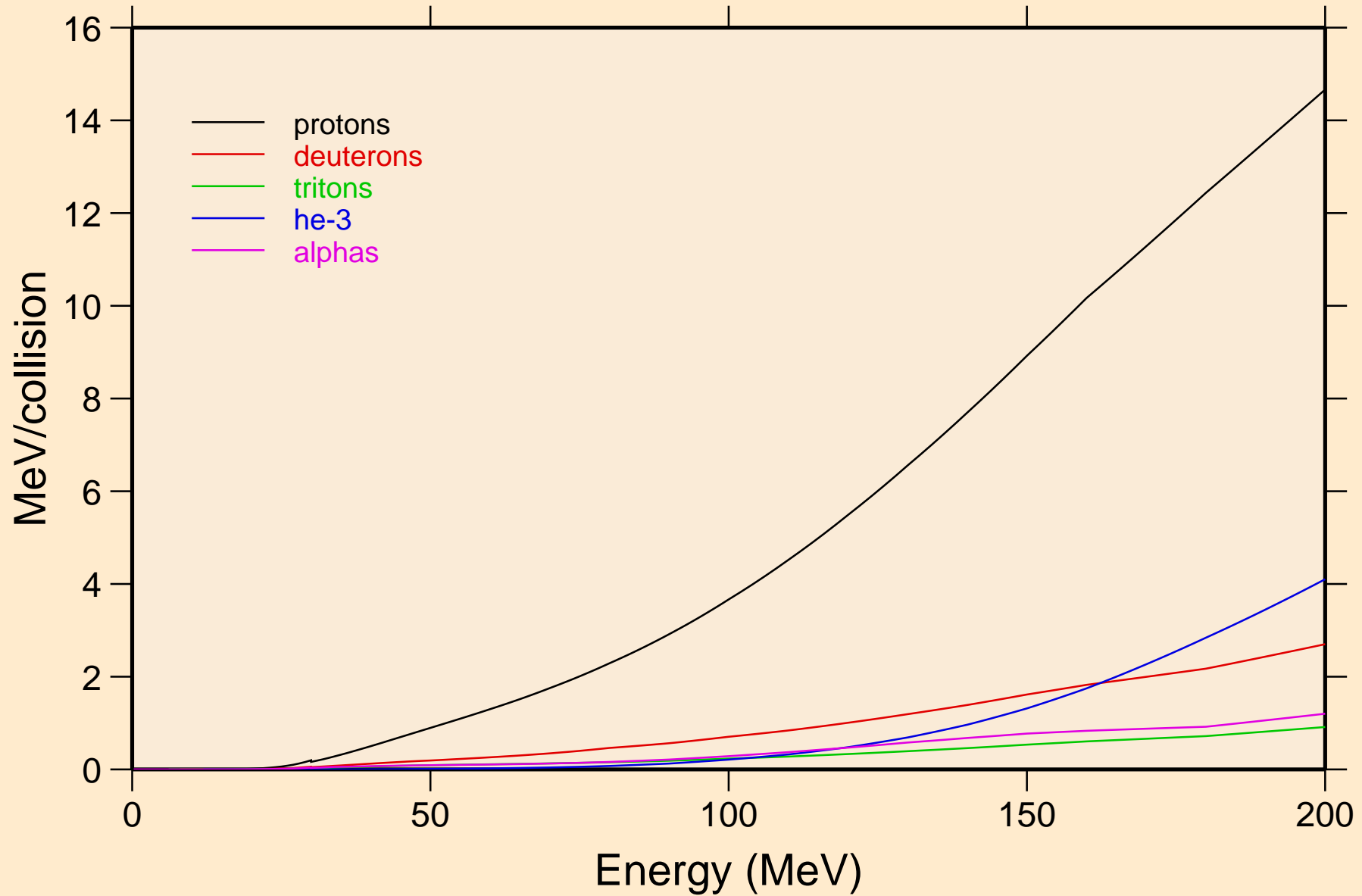


YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

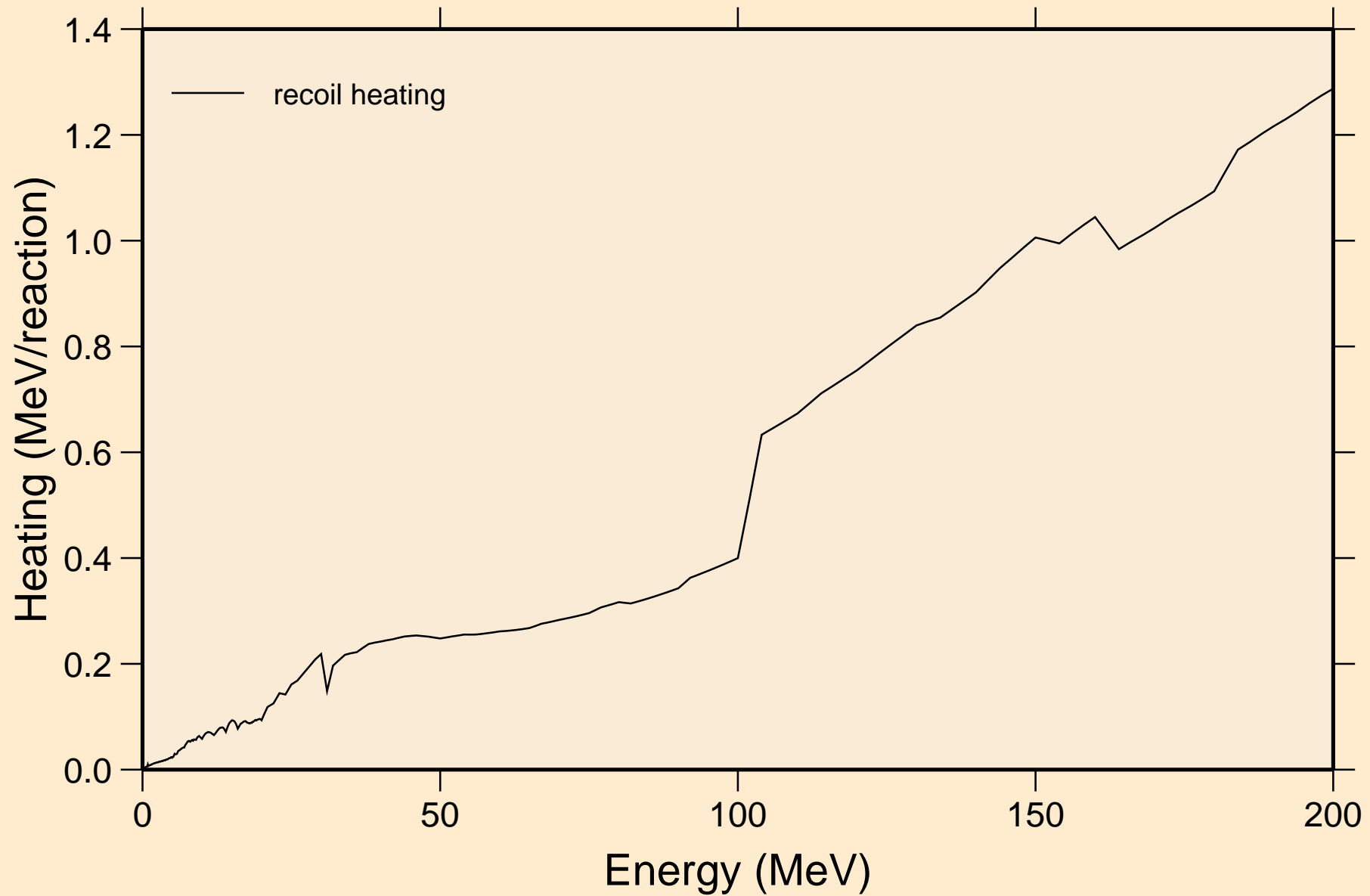


# YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

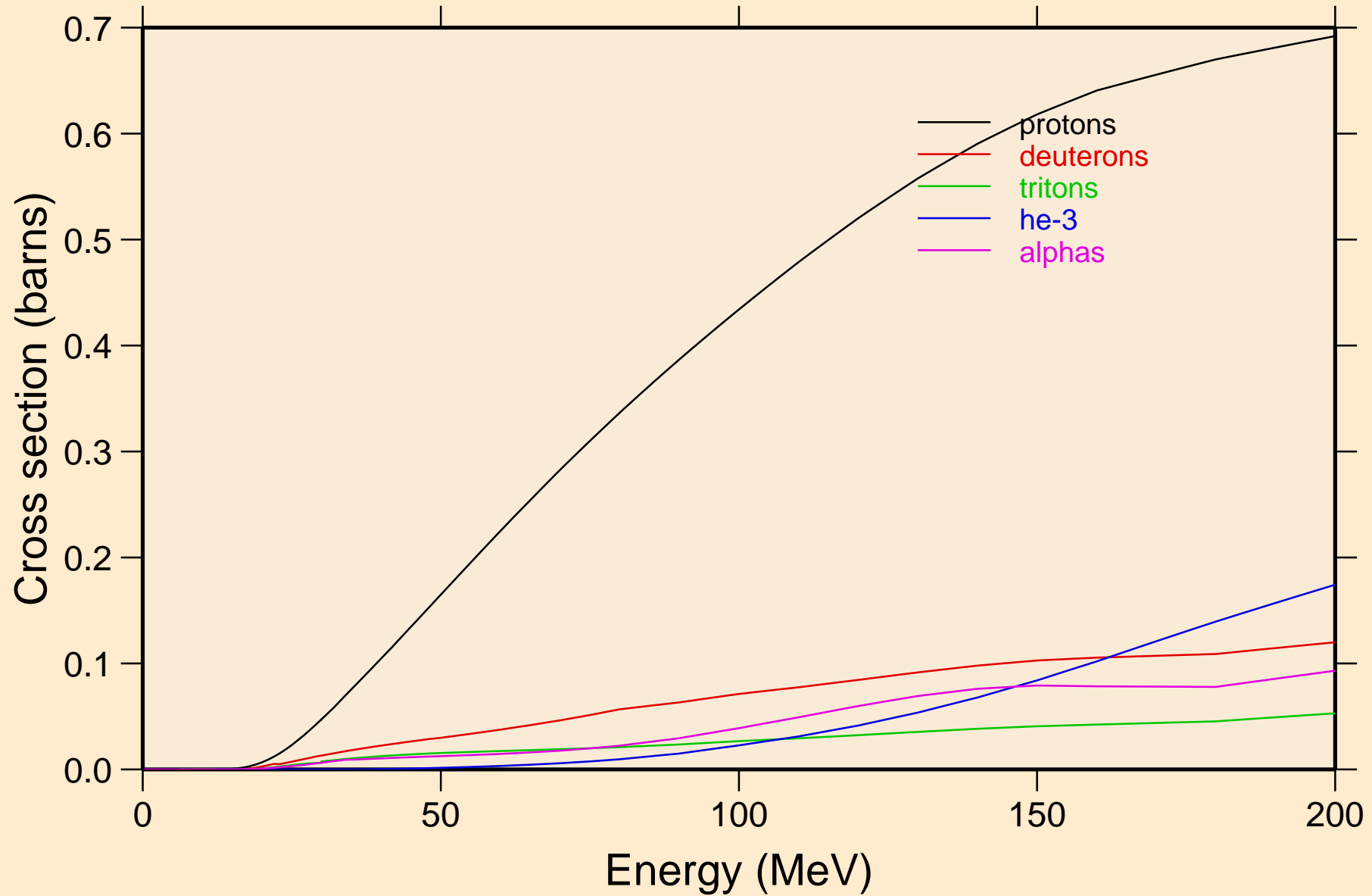
## Particle heating contributions



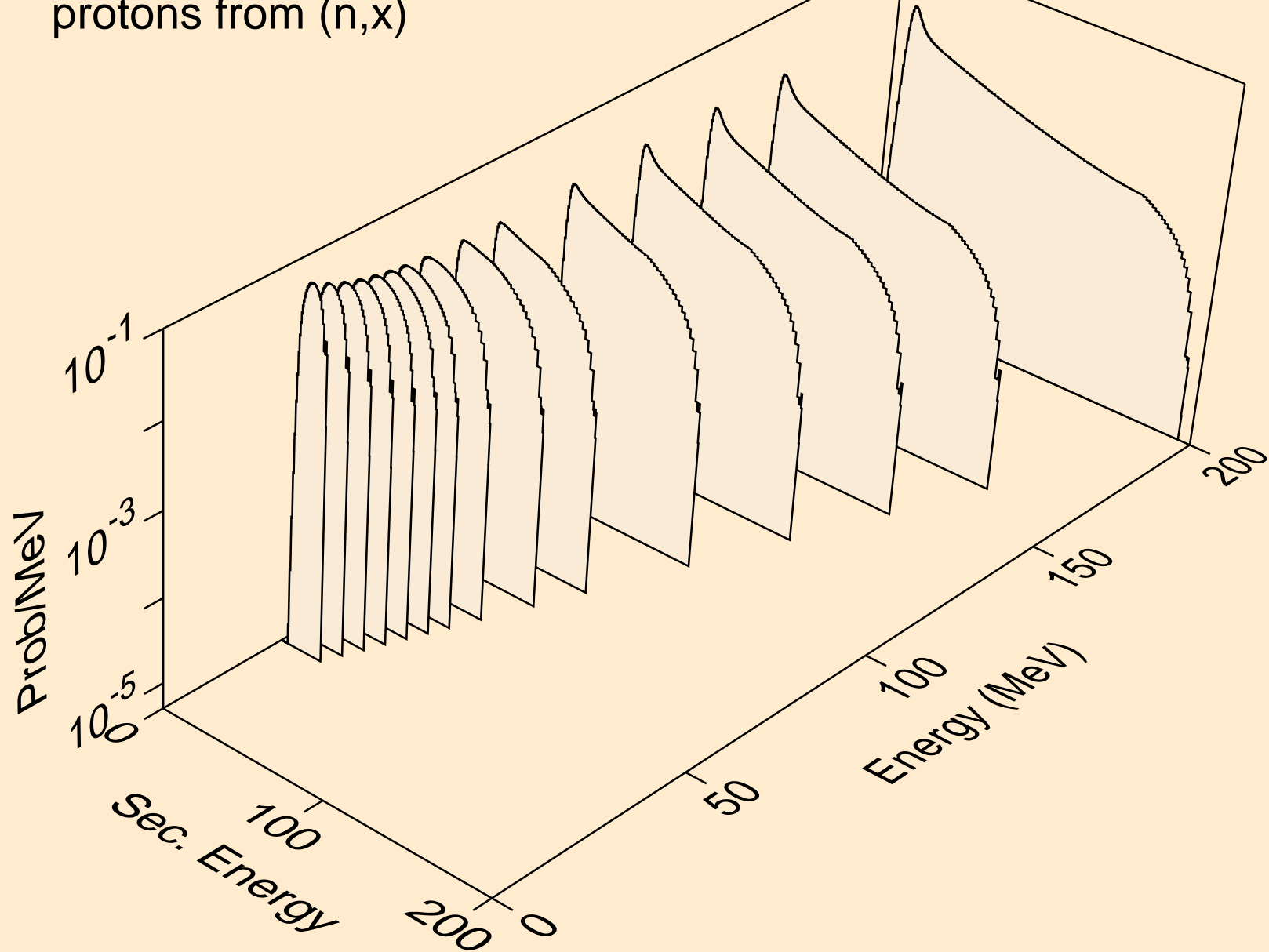
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating



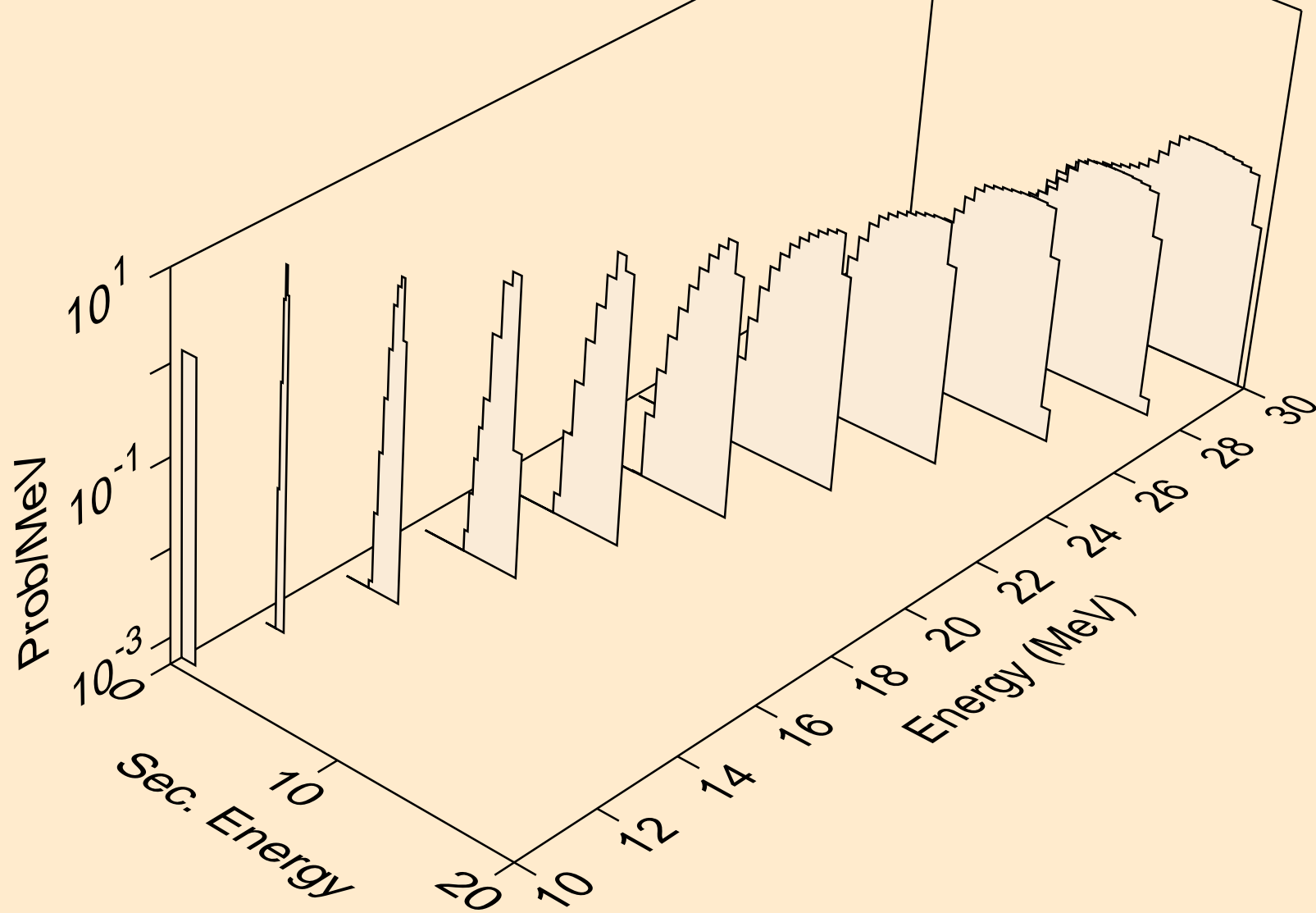
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



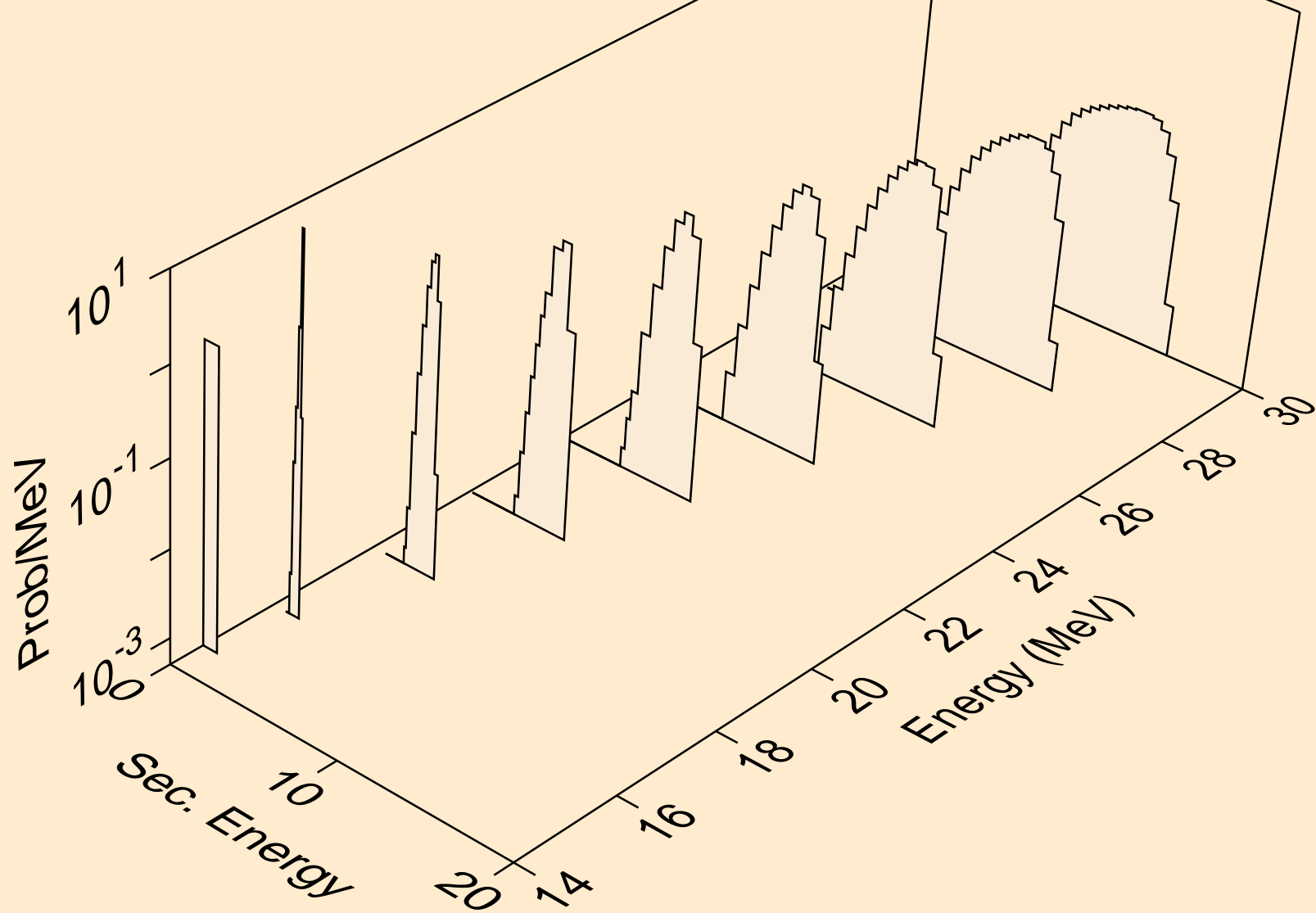
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



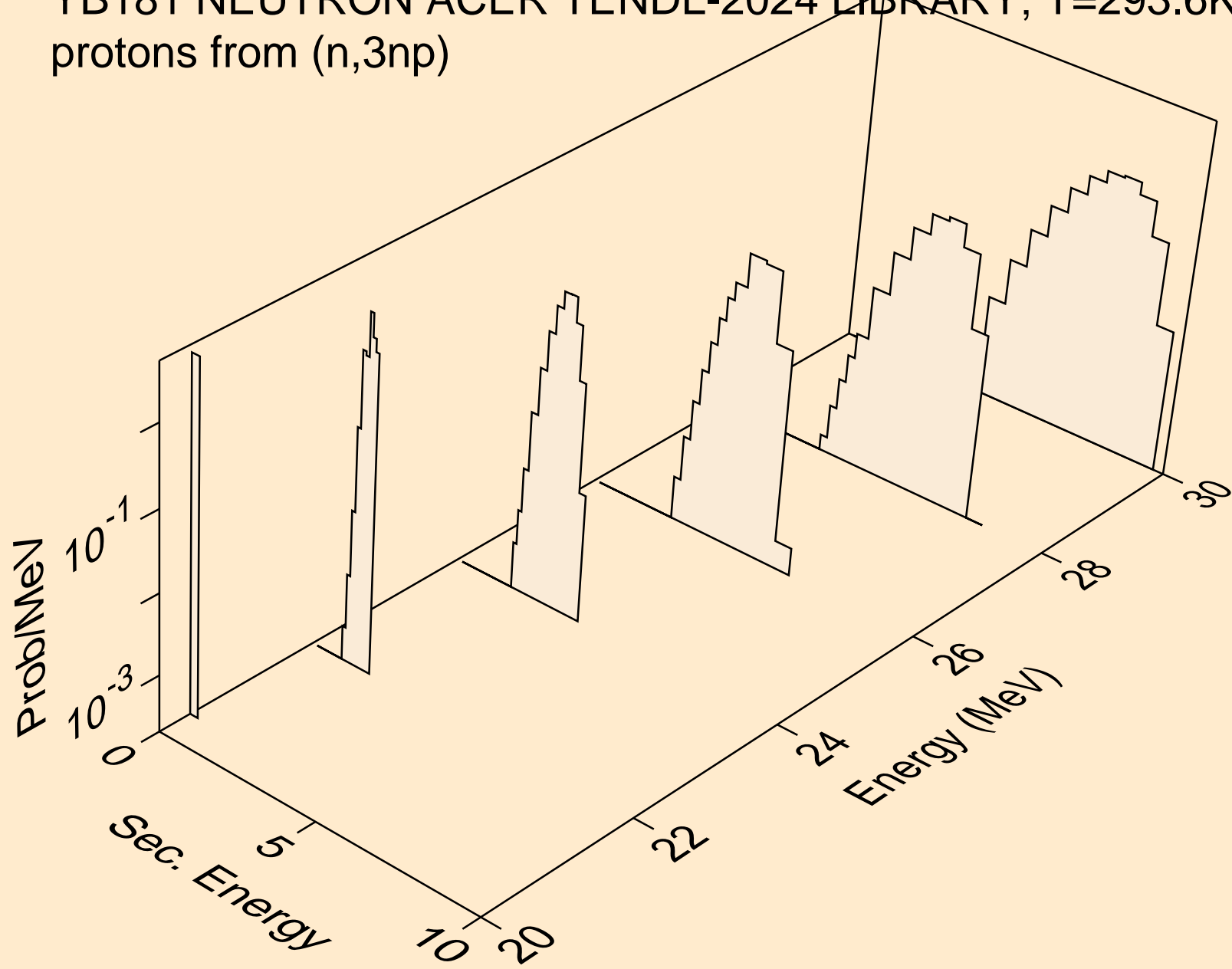
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



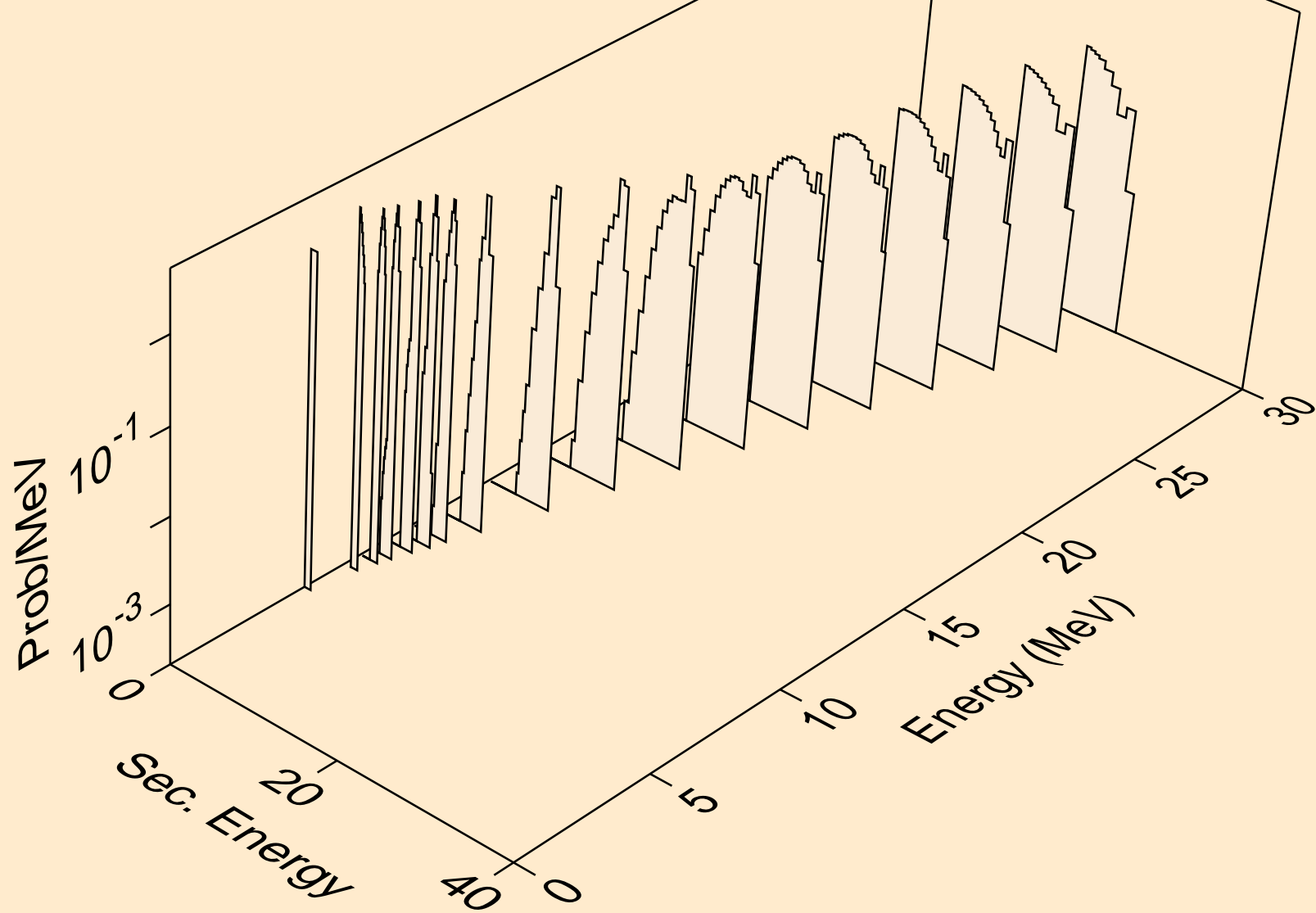
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



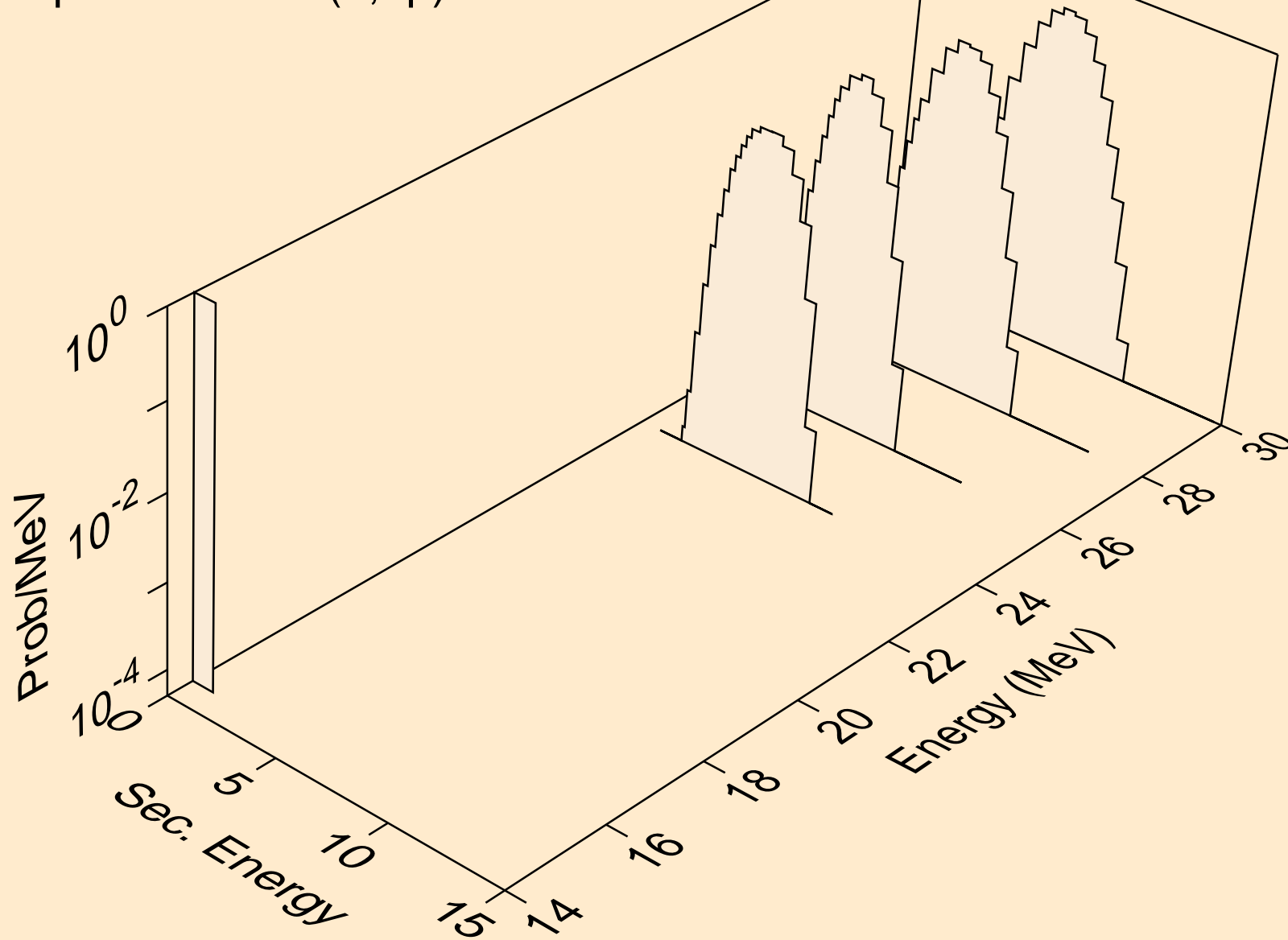
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,3np)



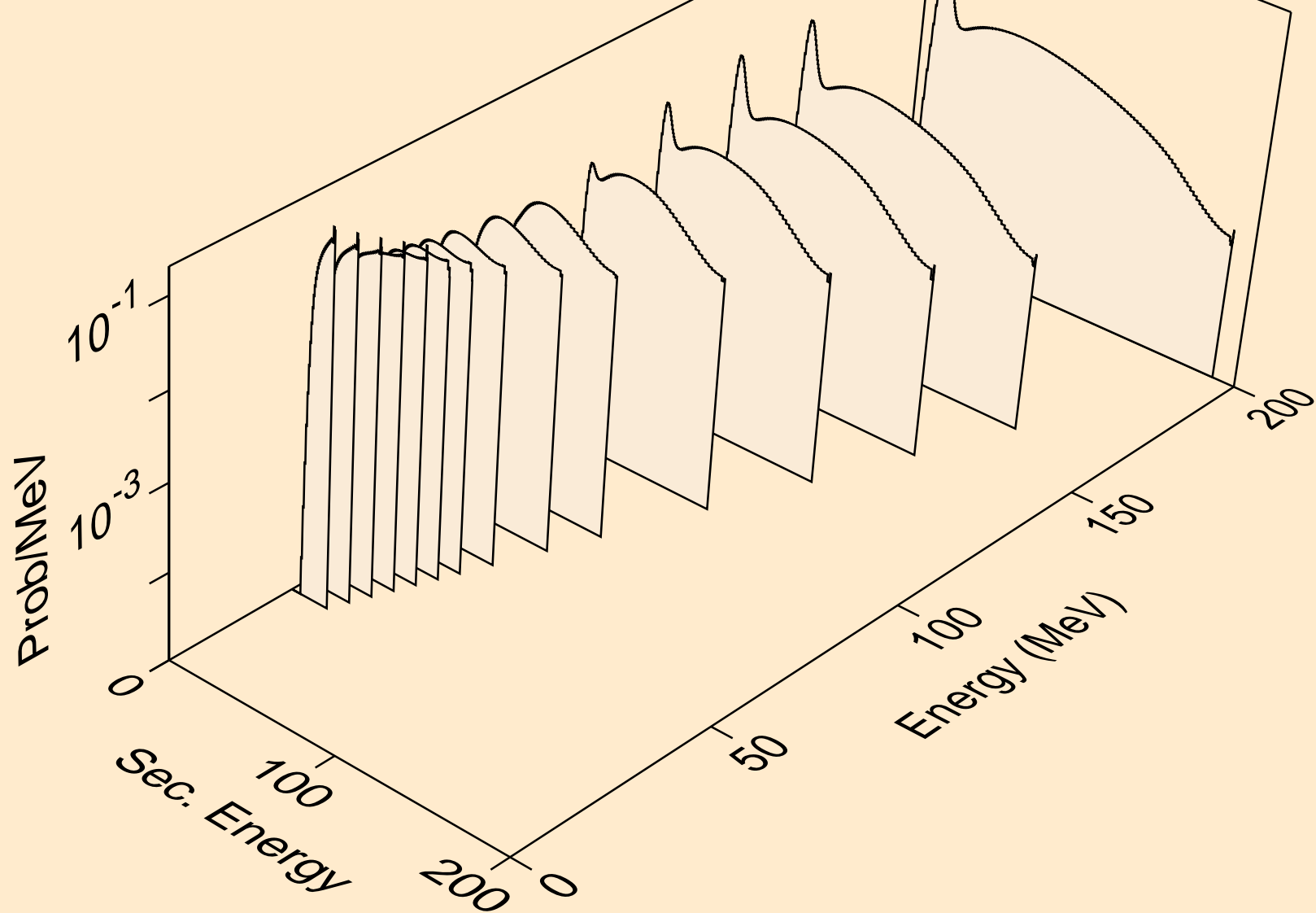
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)



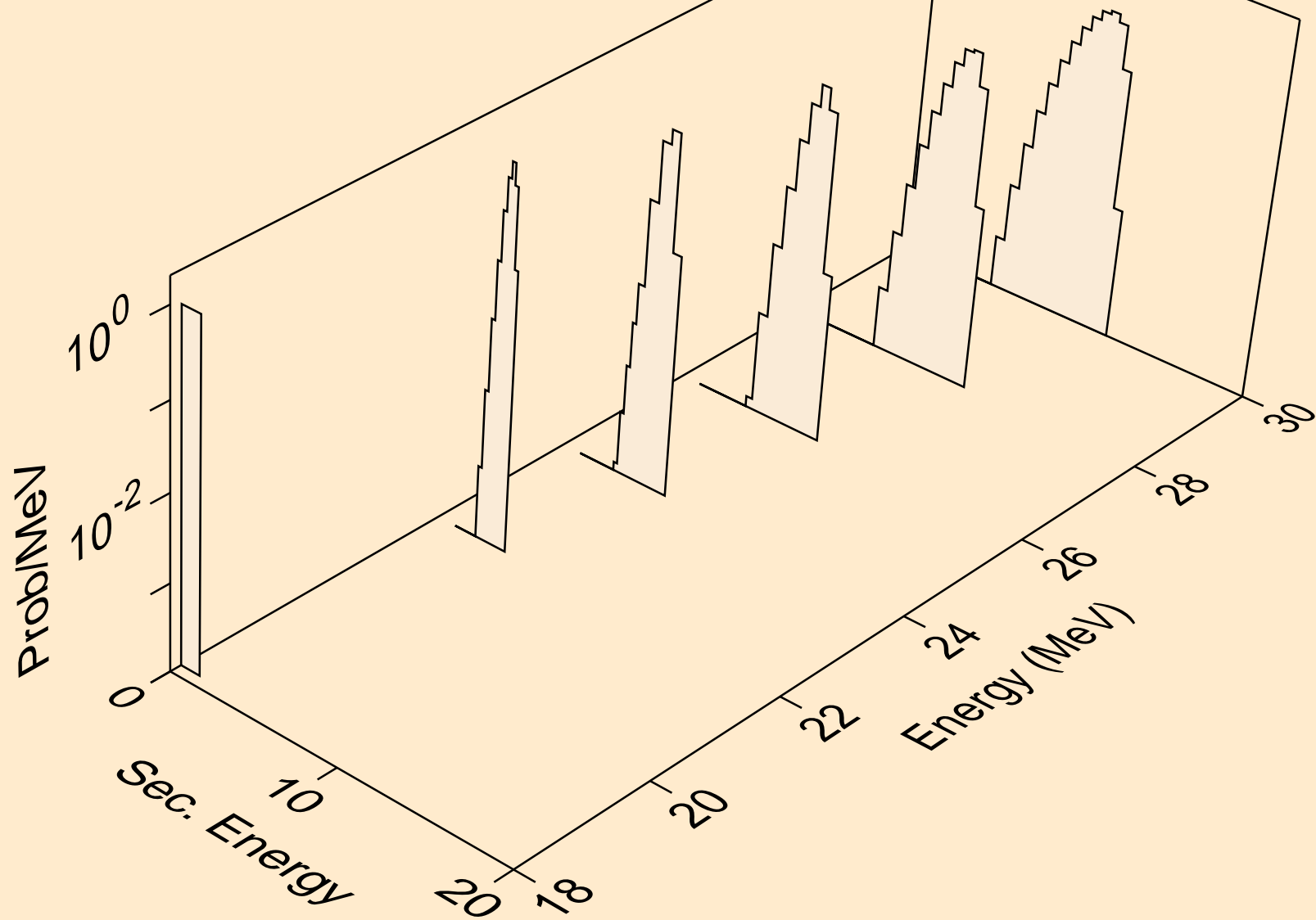
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2p)



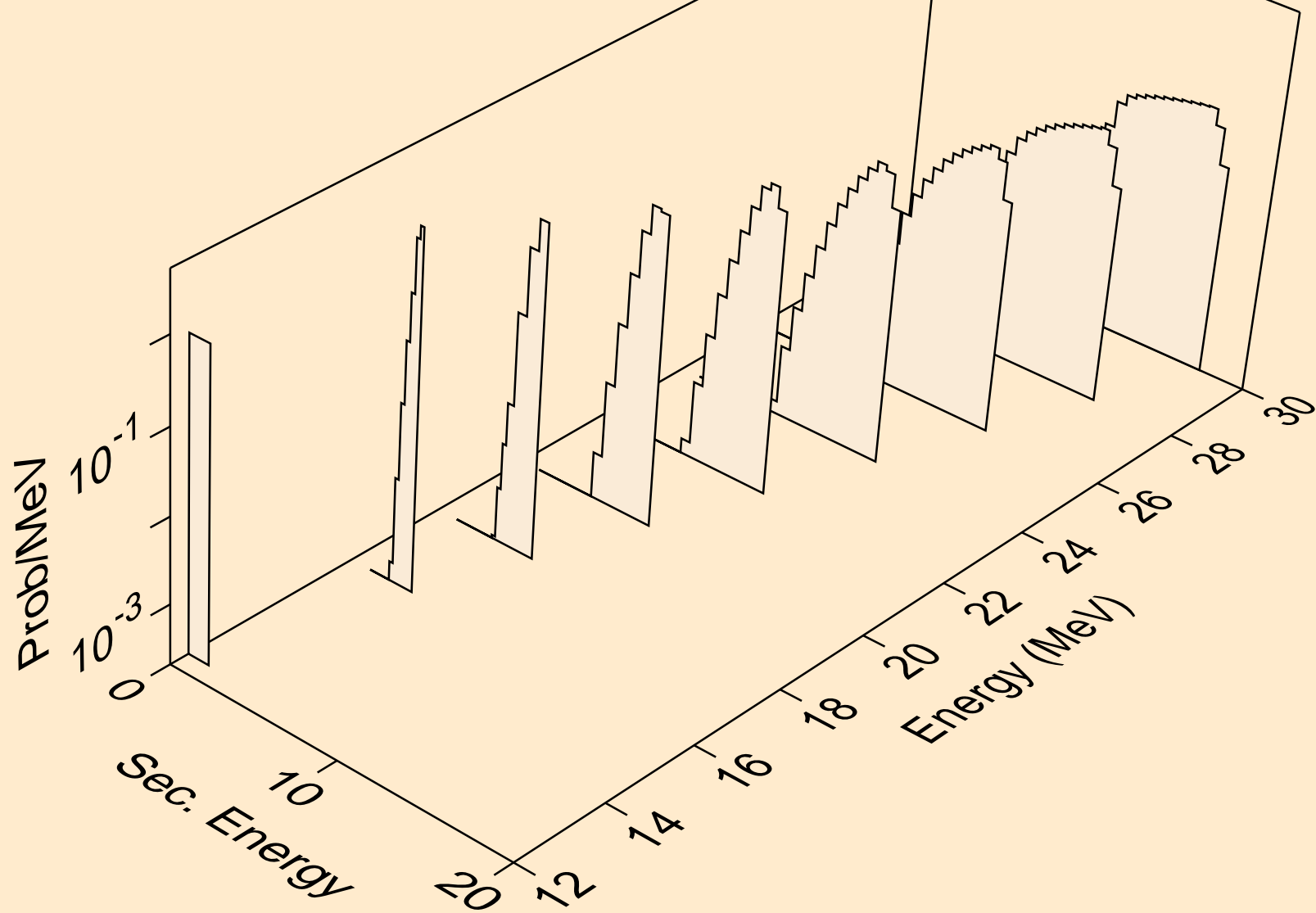
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



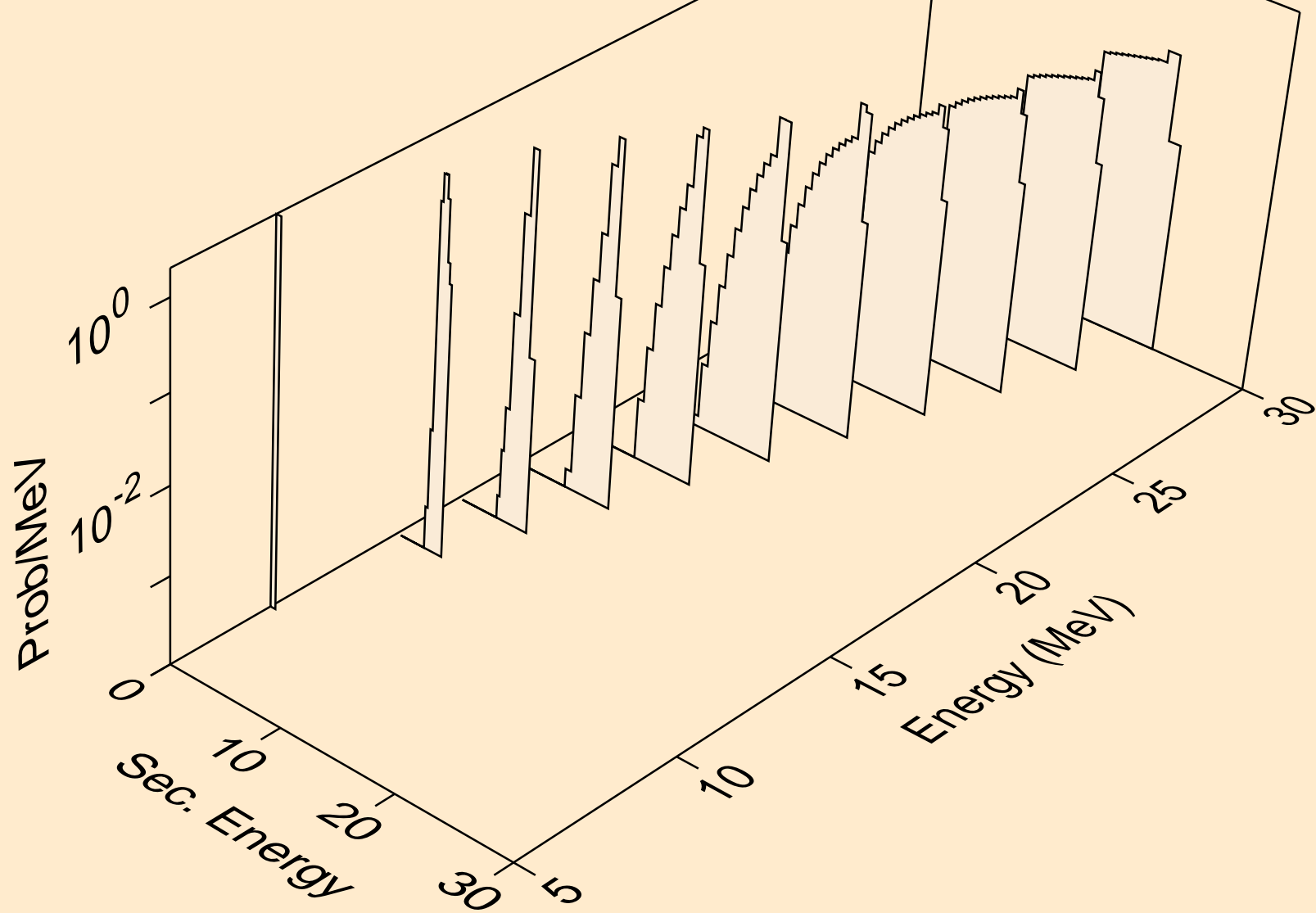
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,2nd)



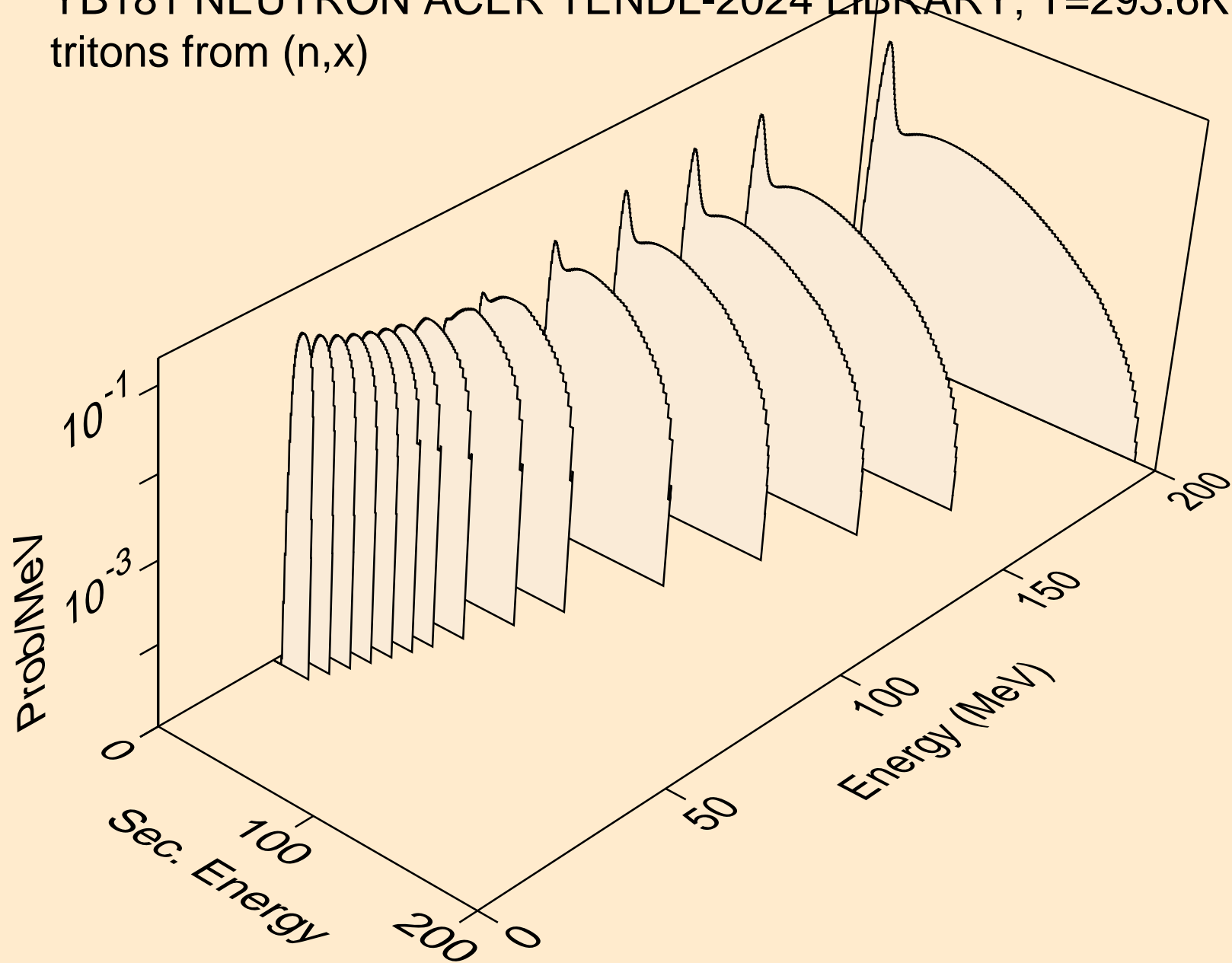
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



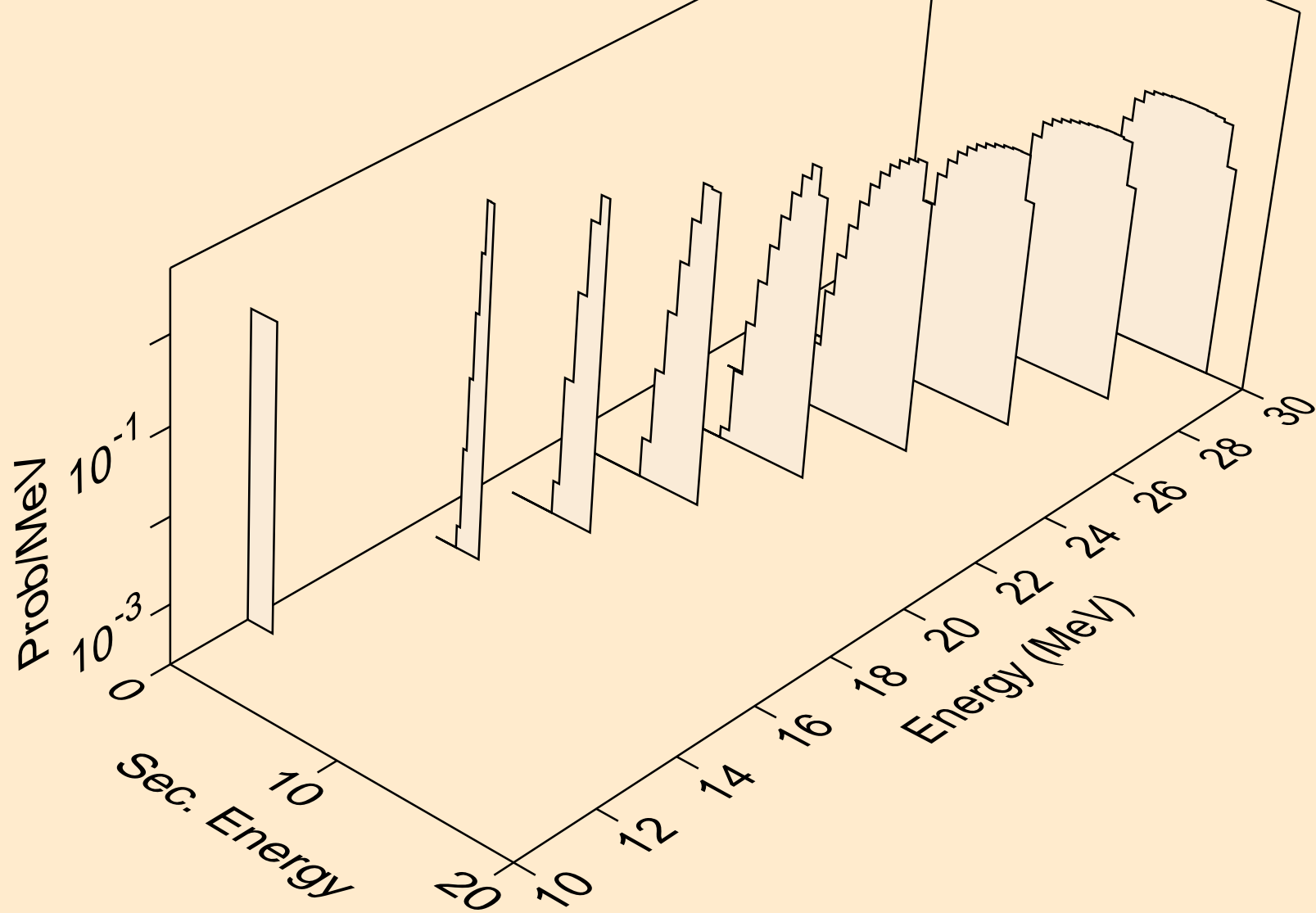
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)



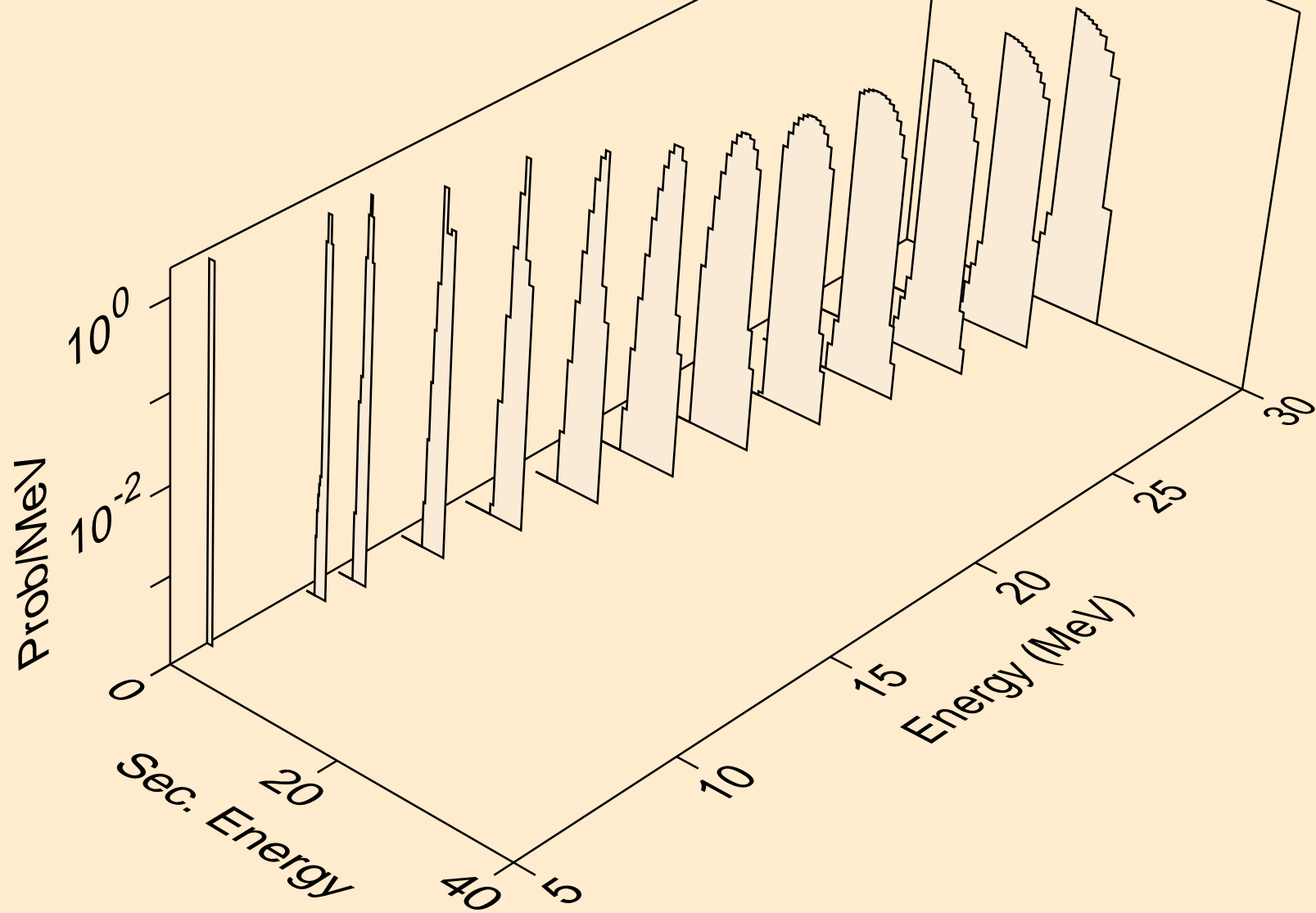
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



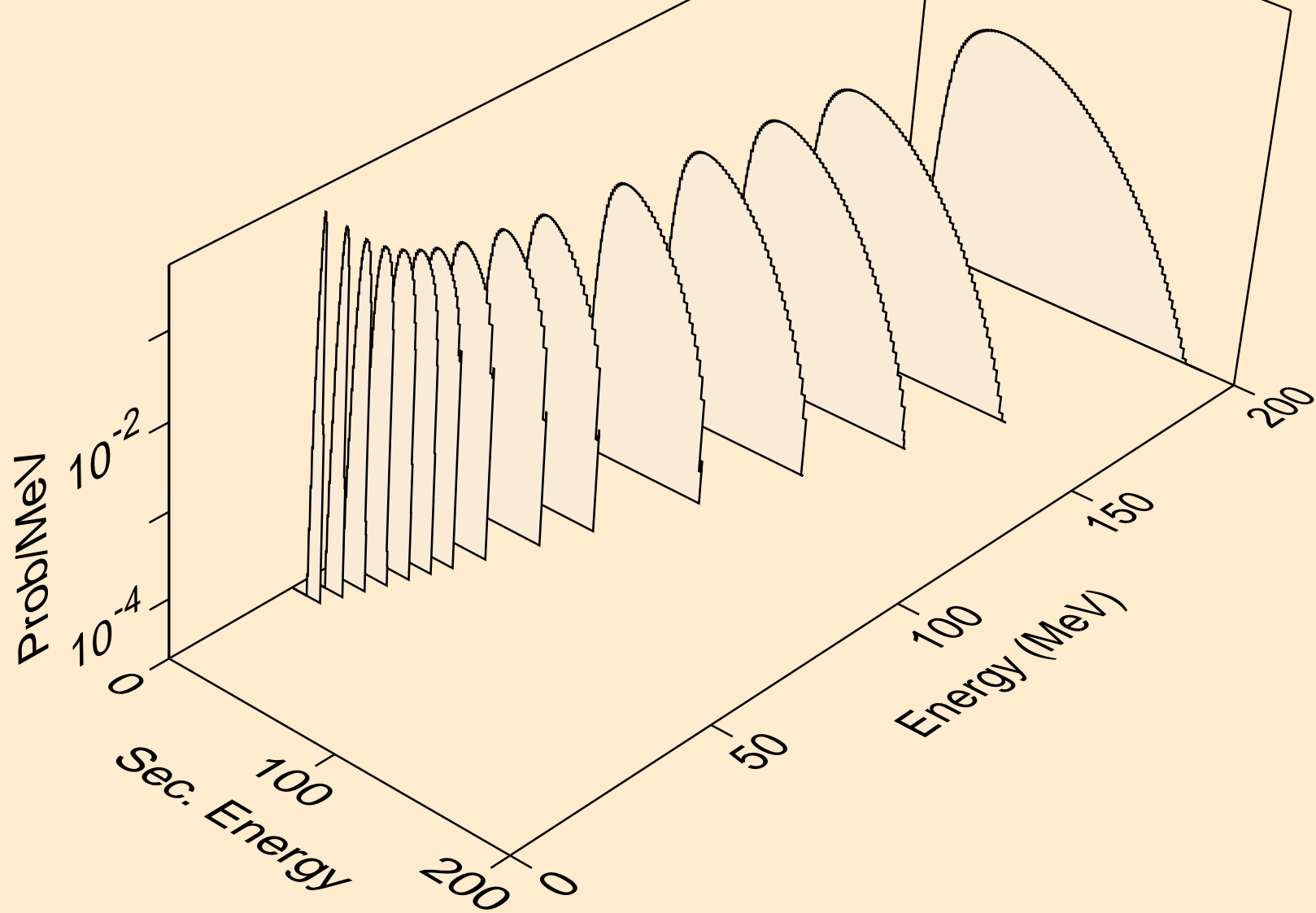
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



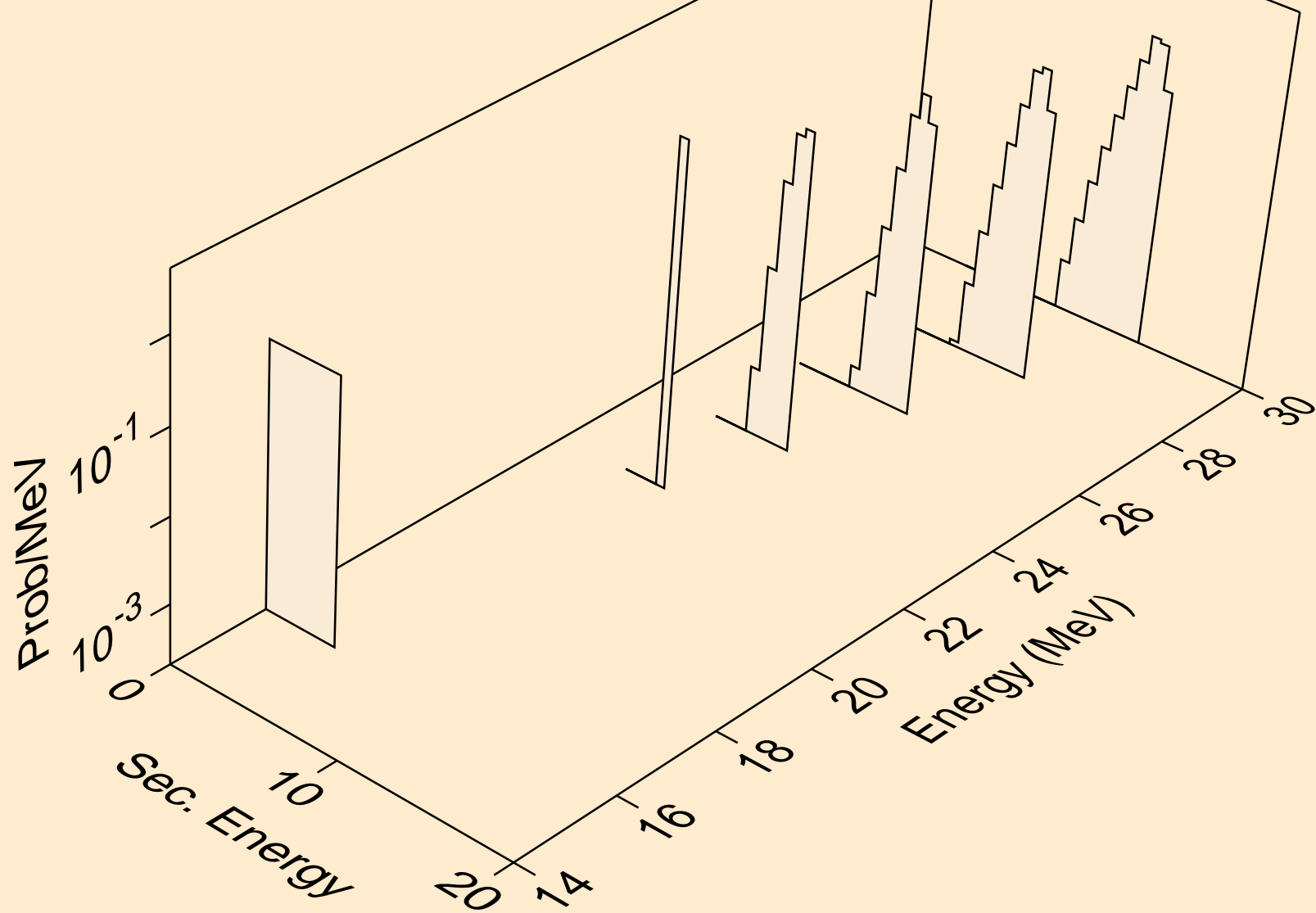
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,t)



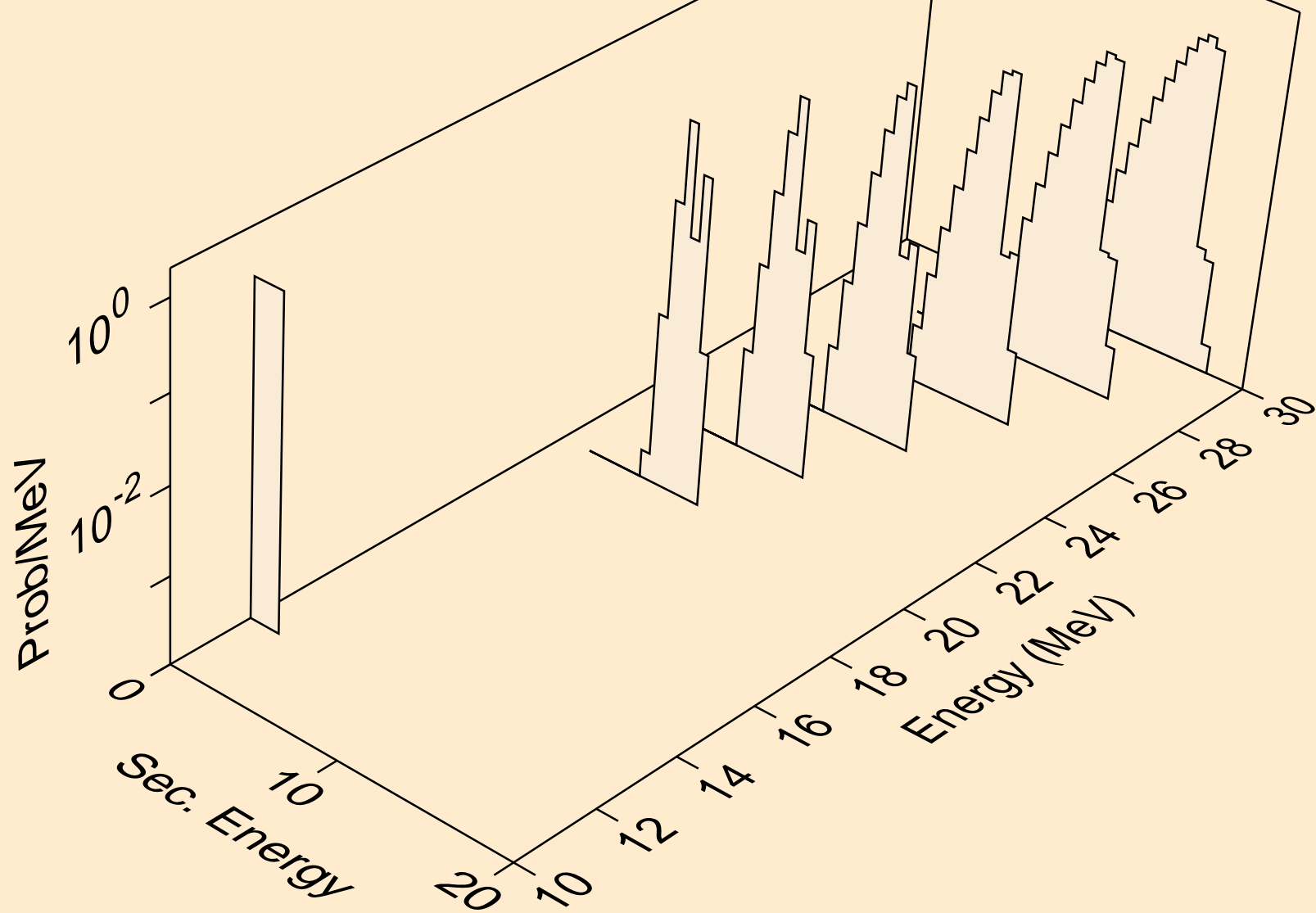
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



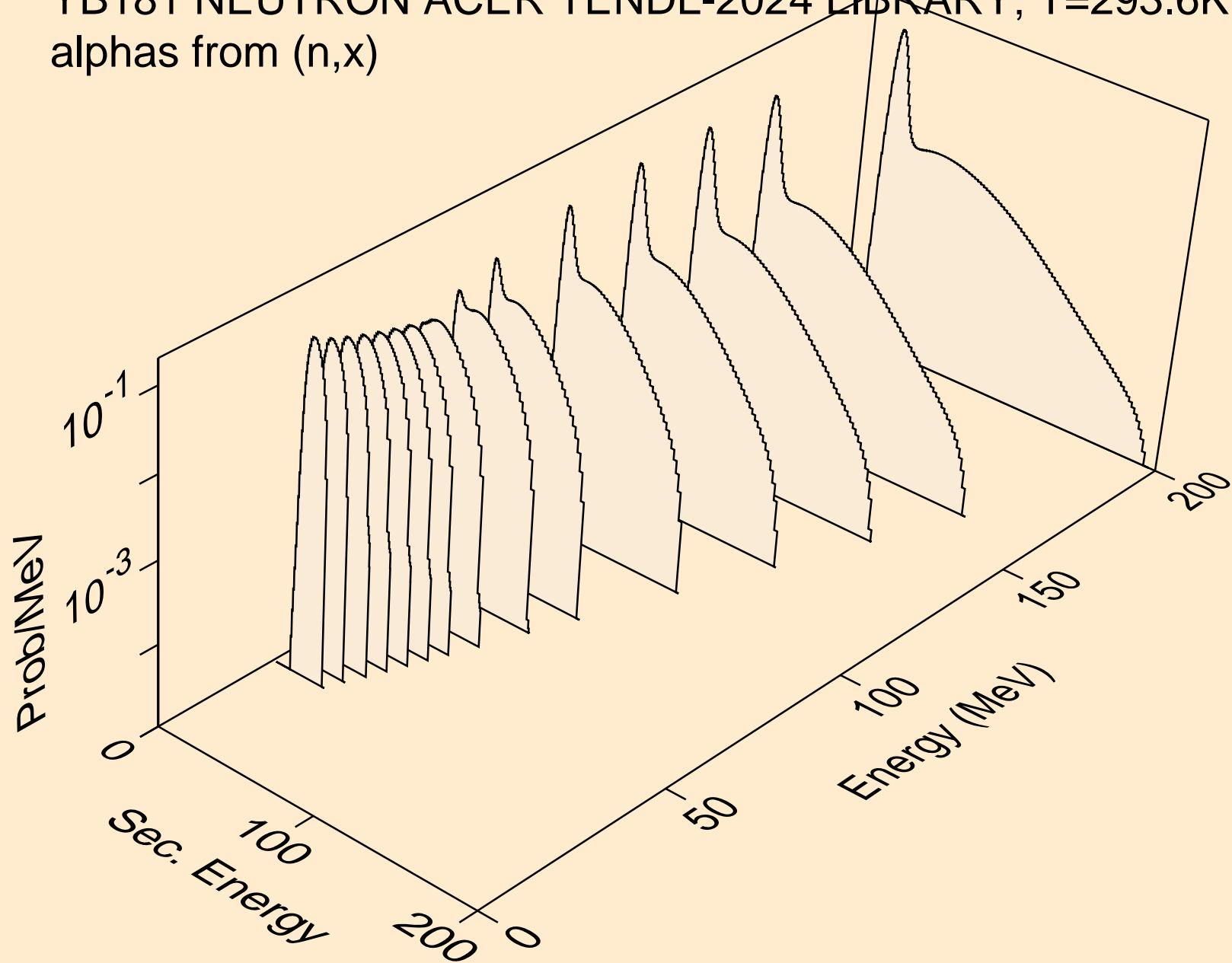
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



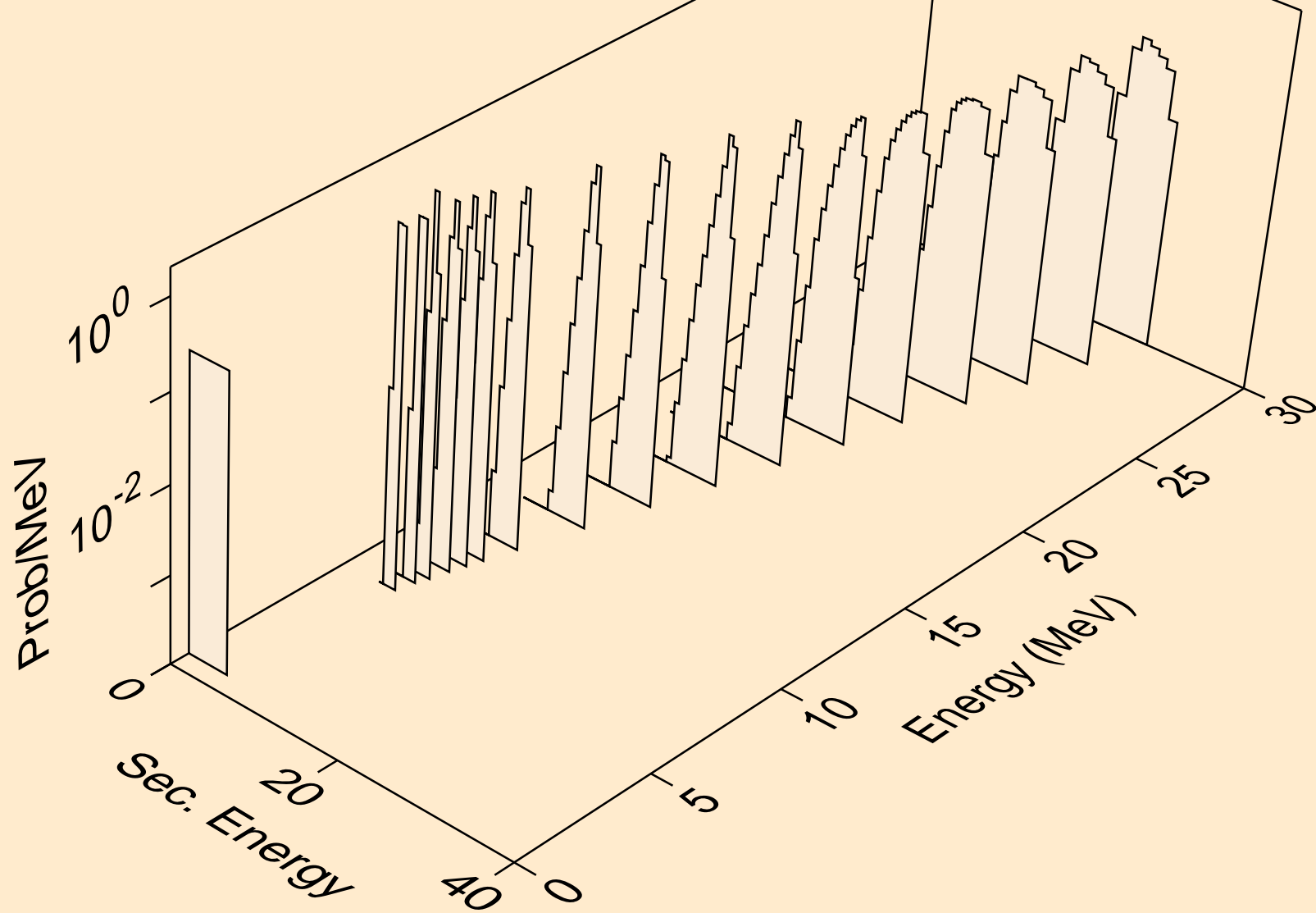
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



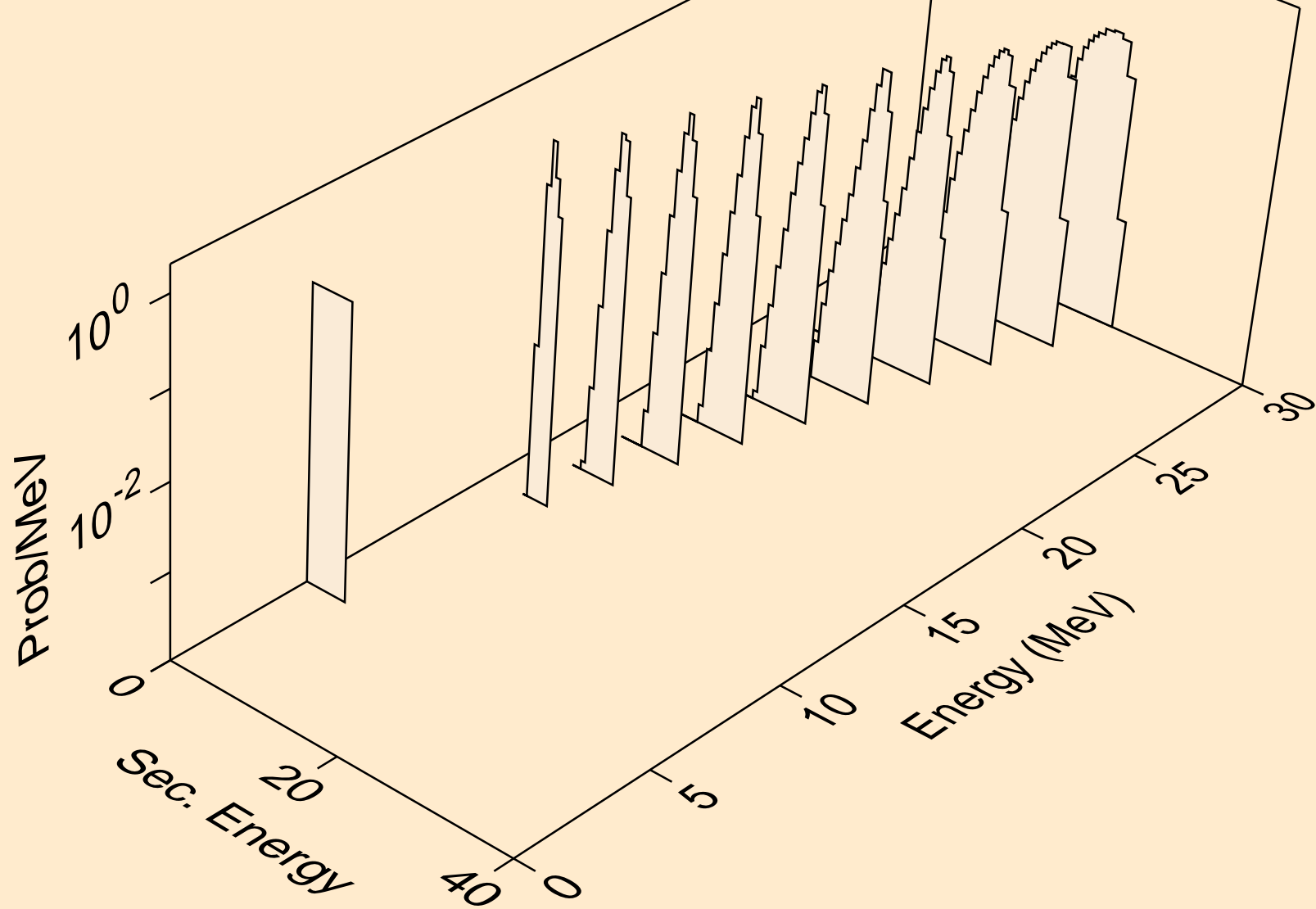
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



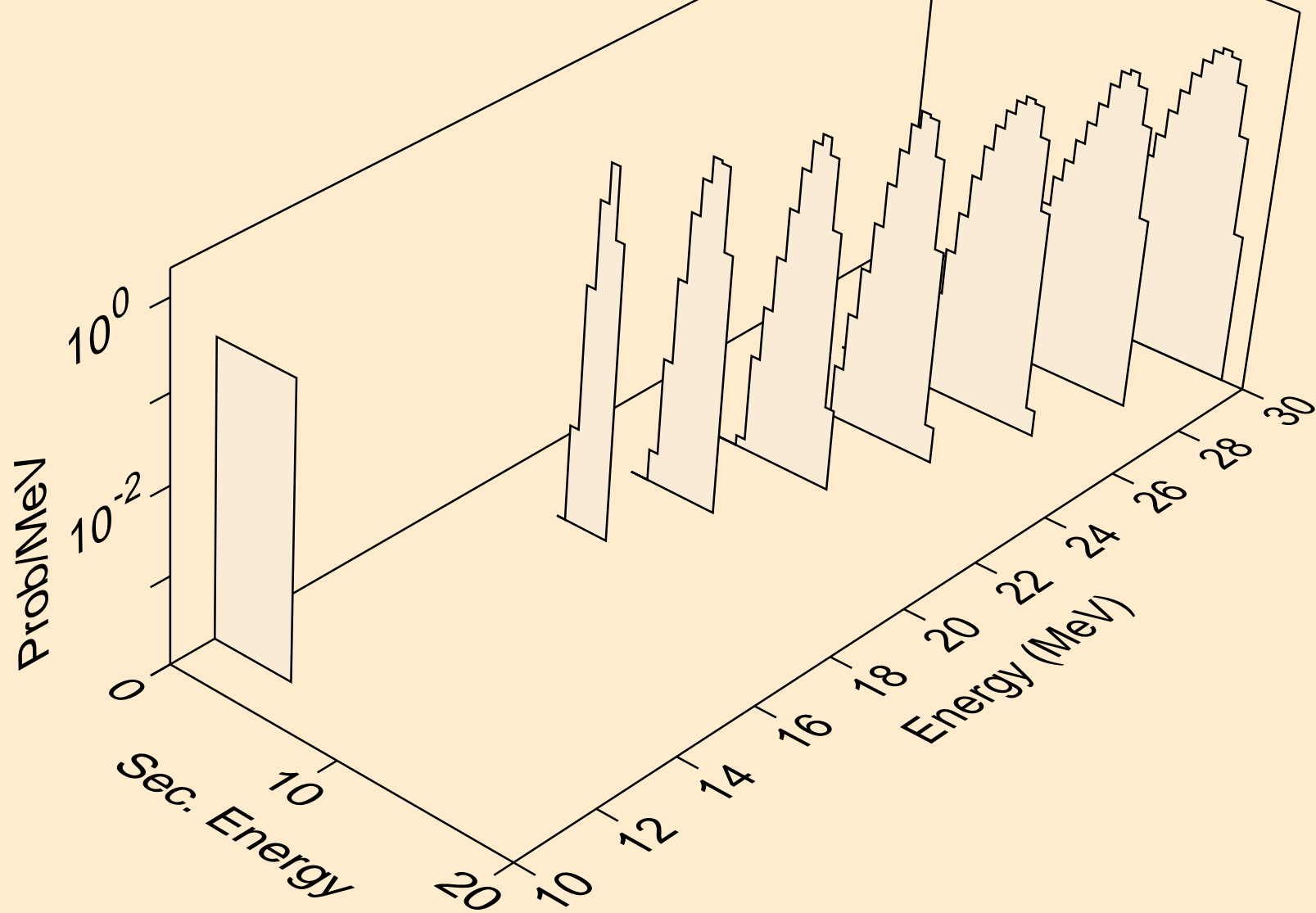
YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



YB181 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)

