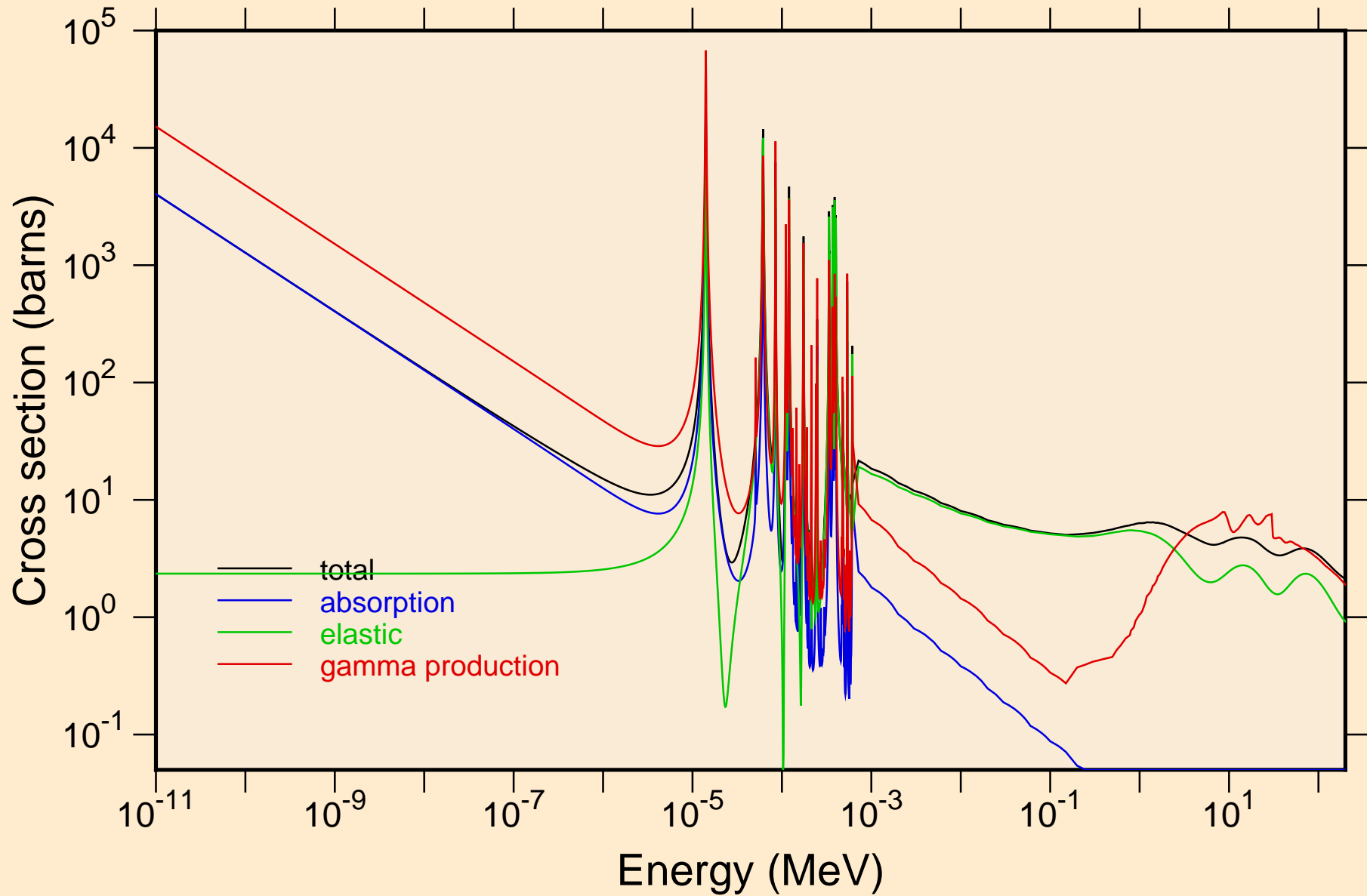
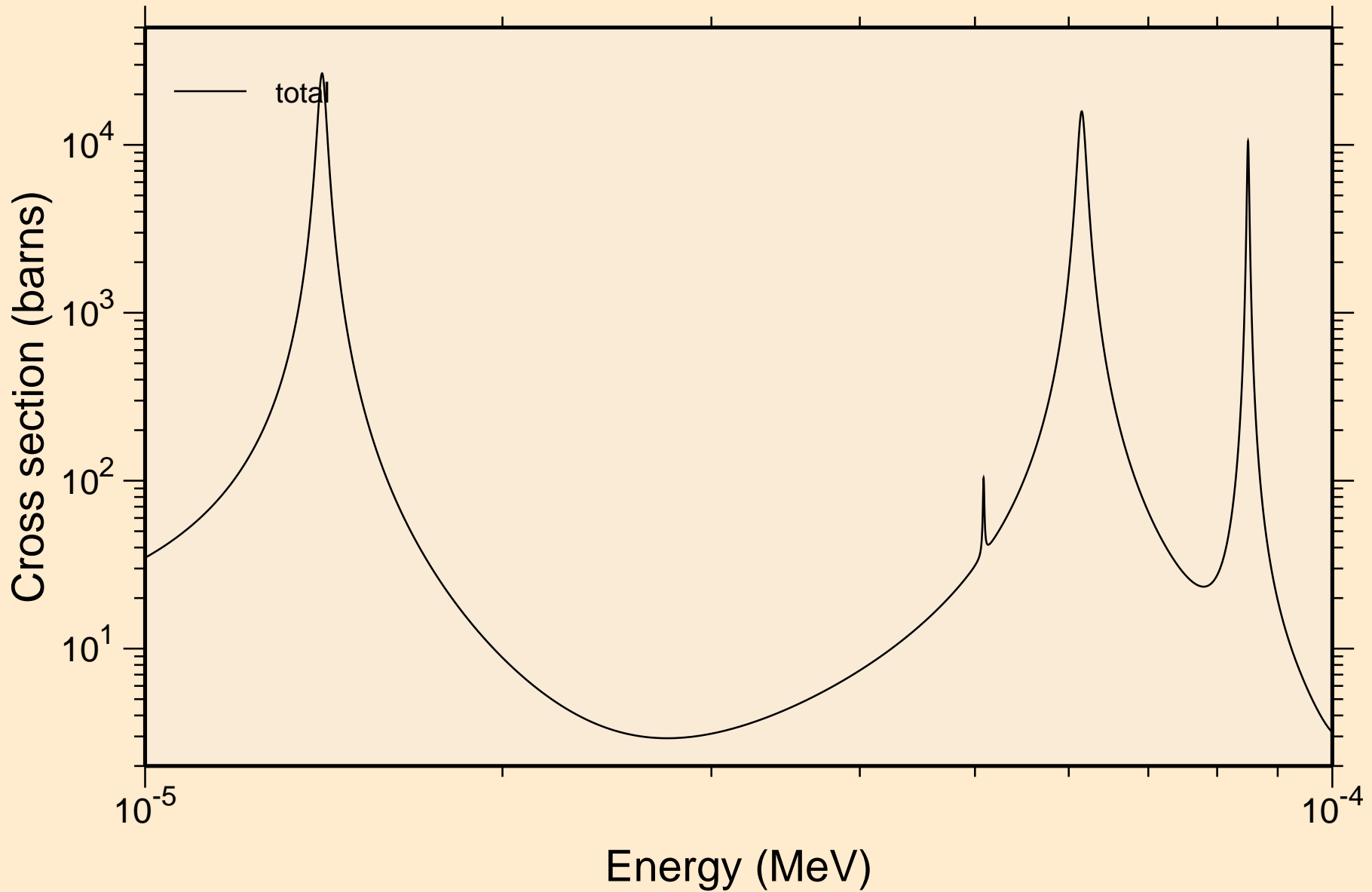


# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

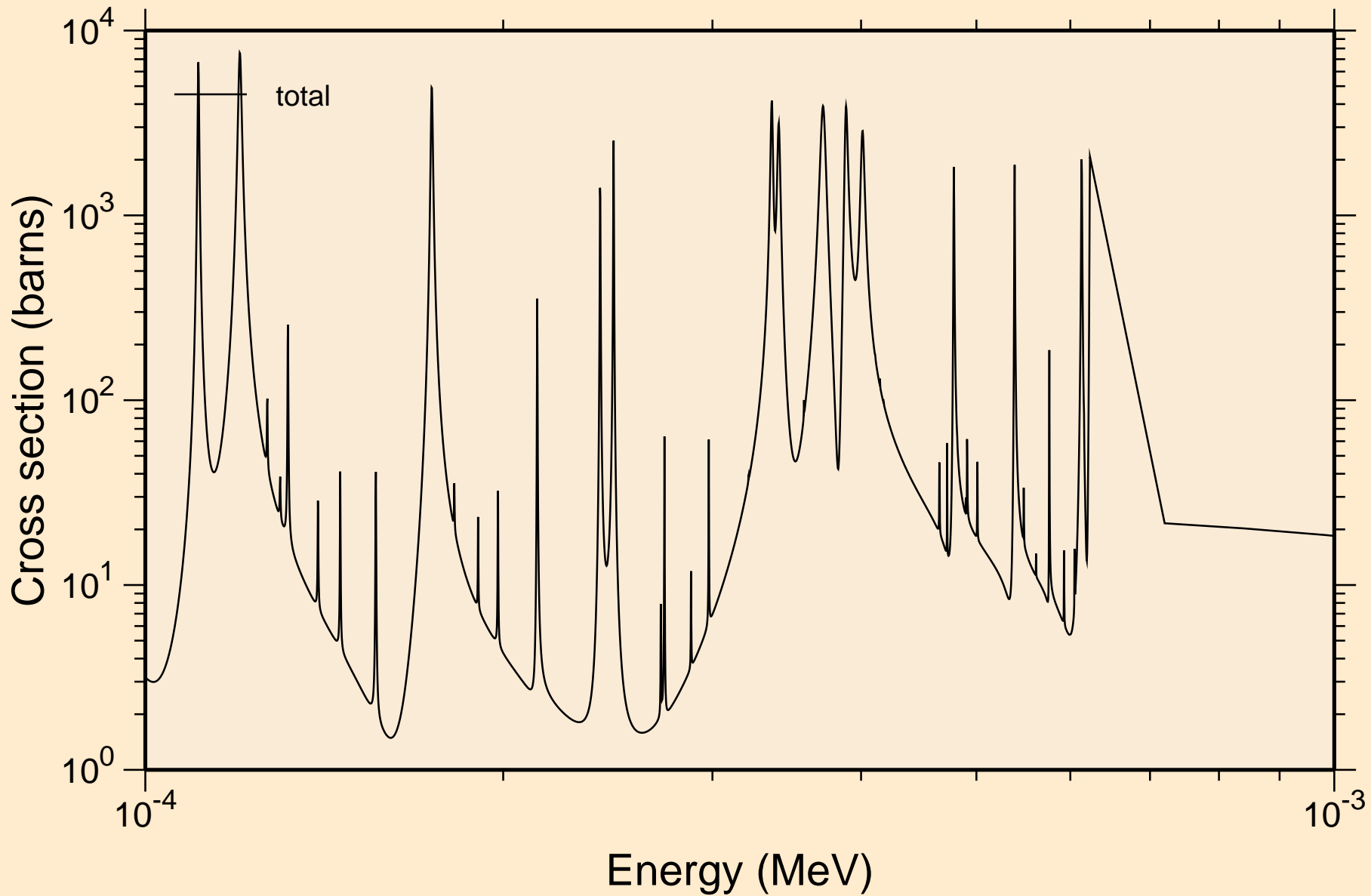
## Principal cross sections



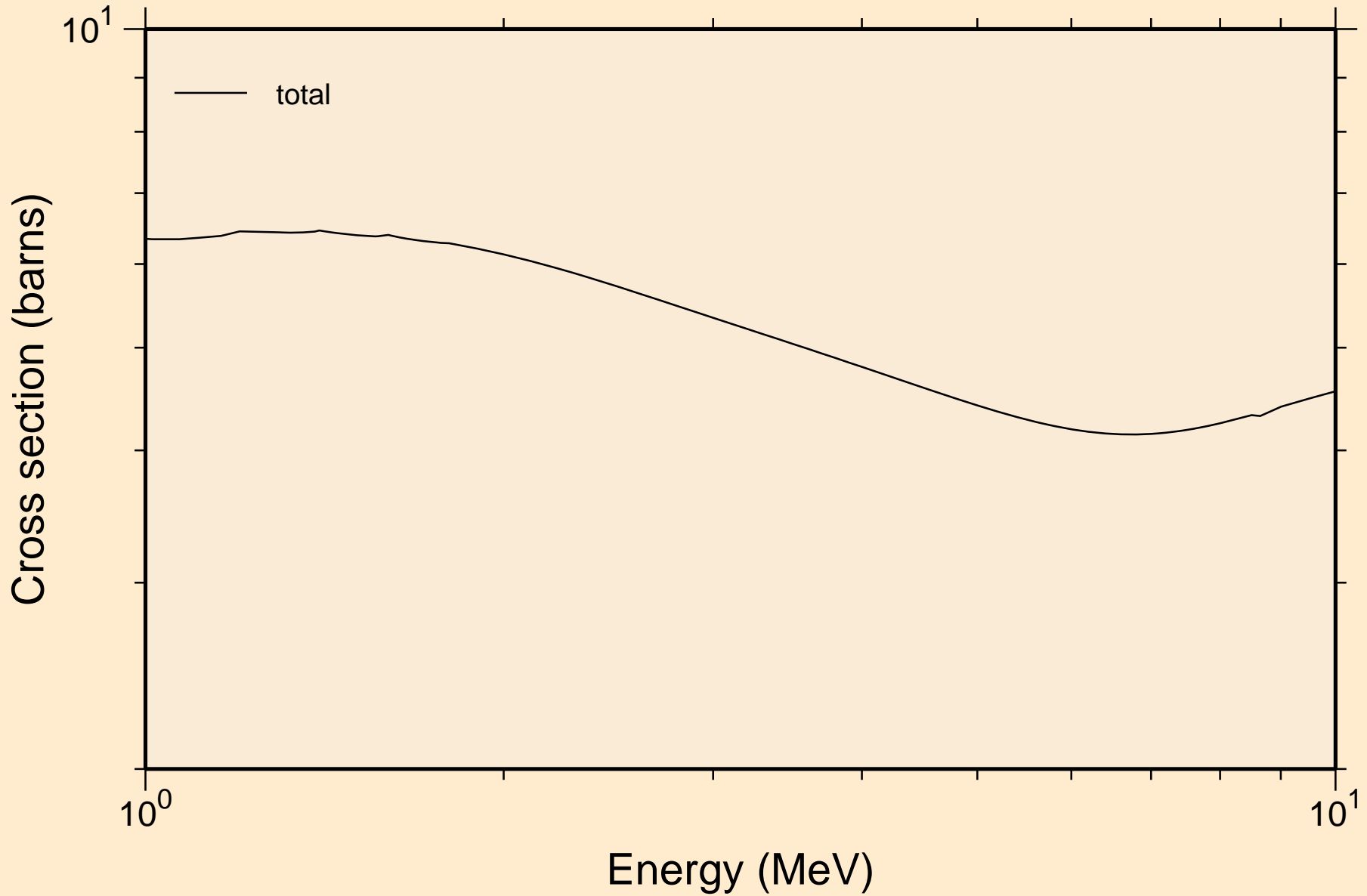
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



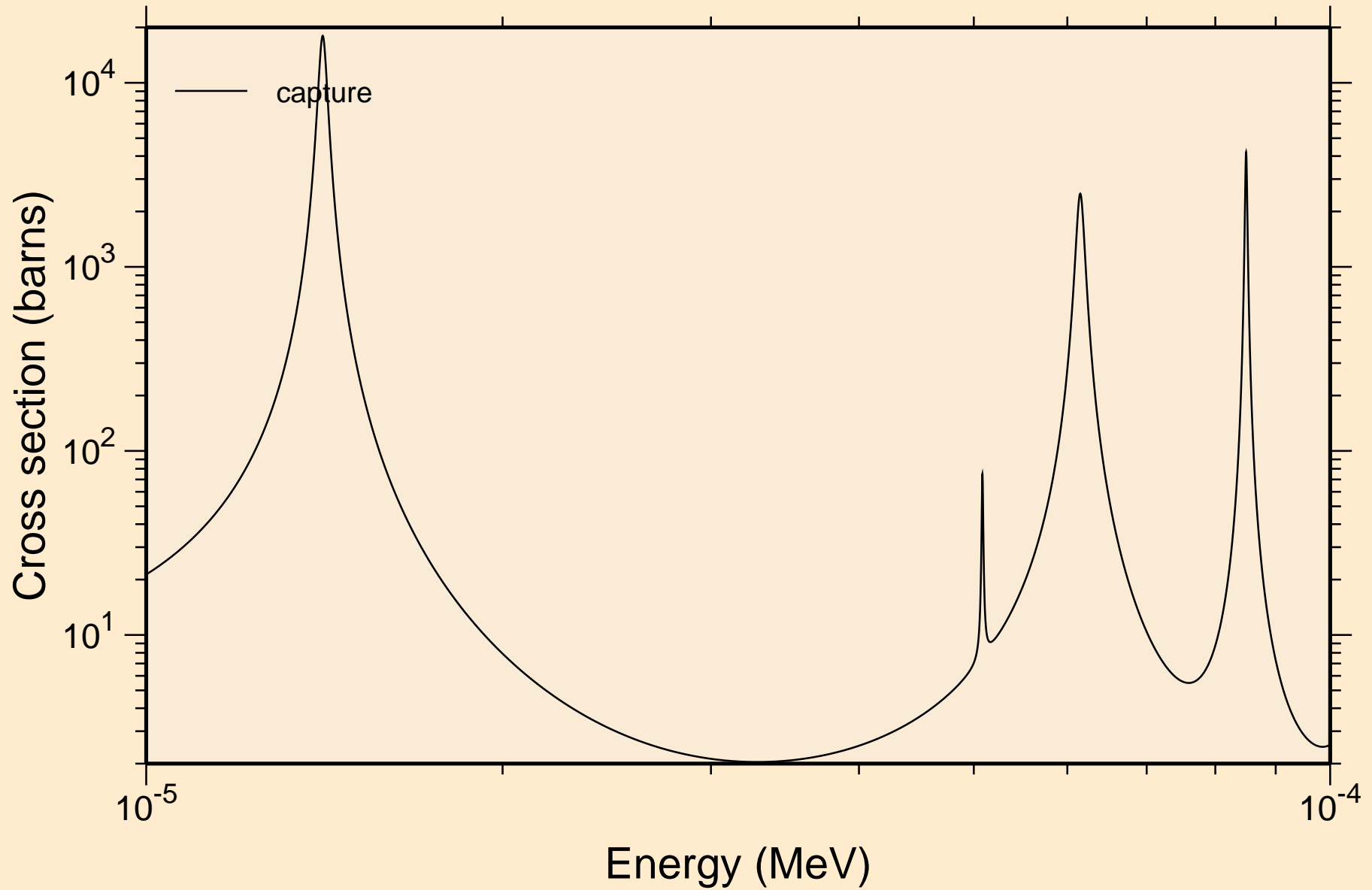
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



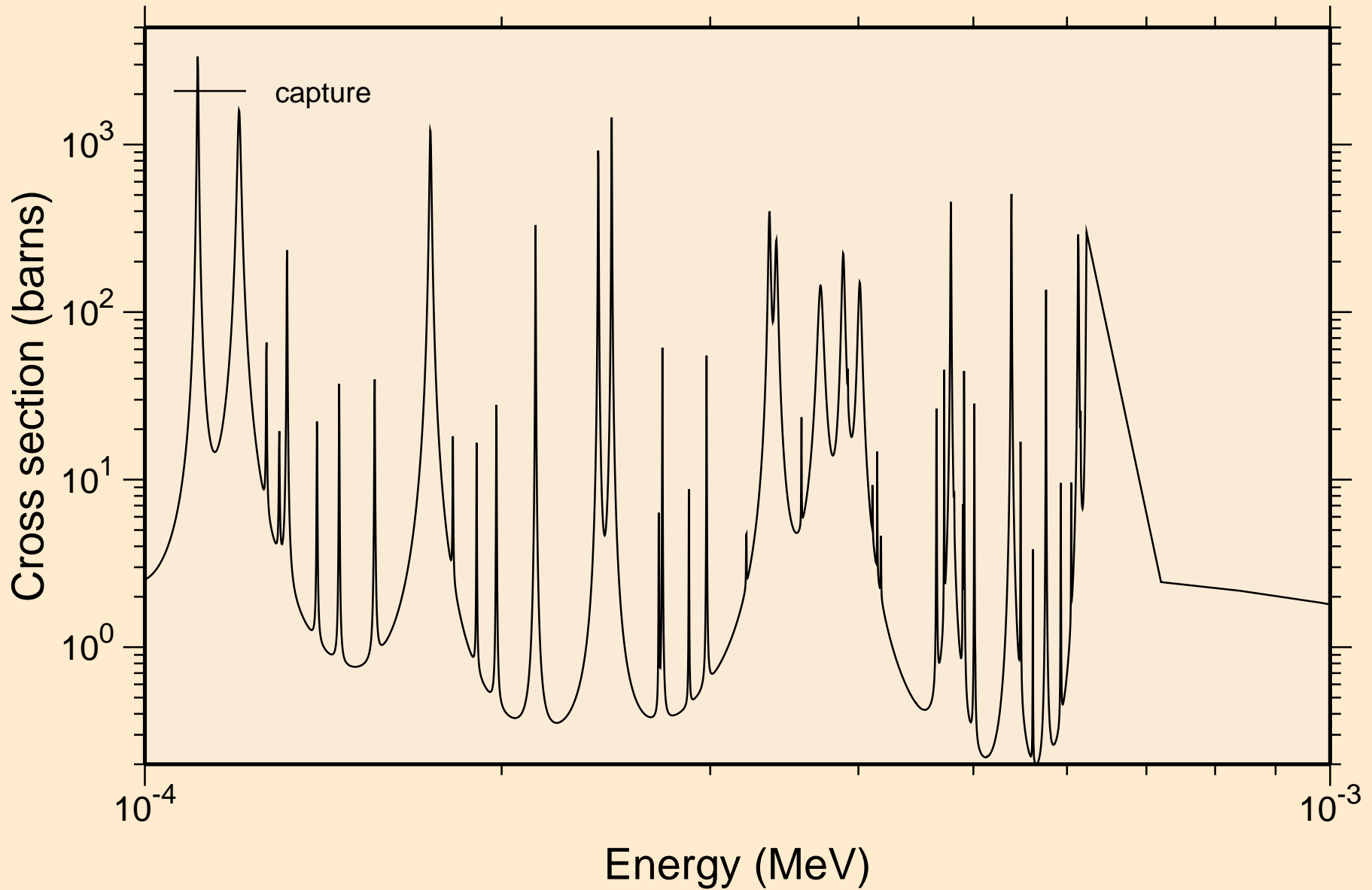
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



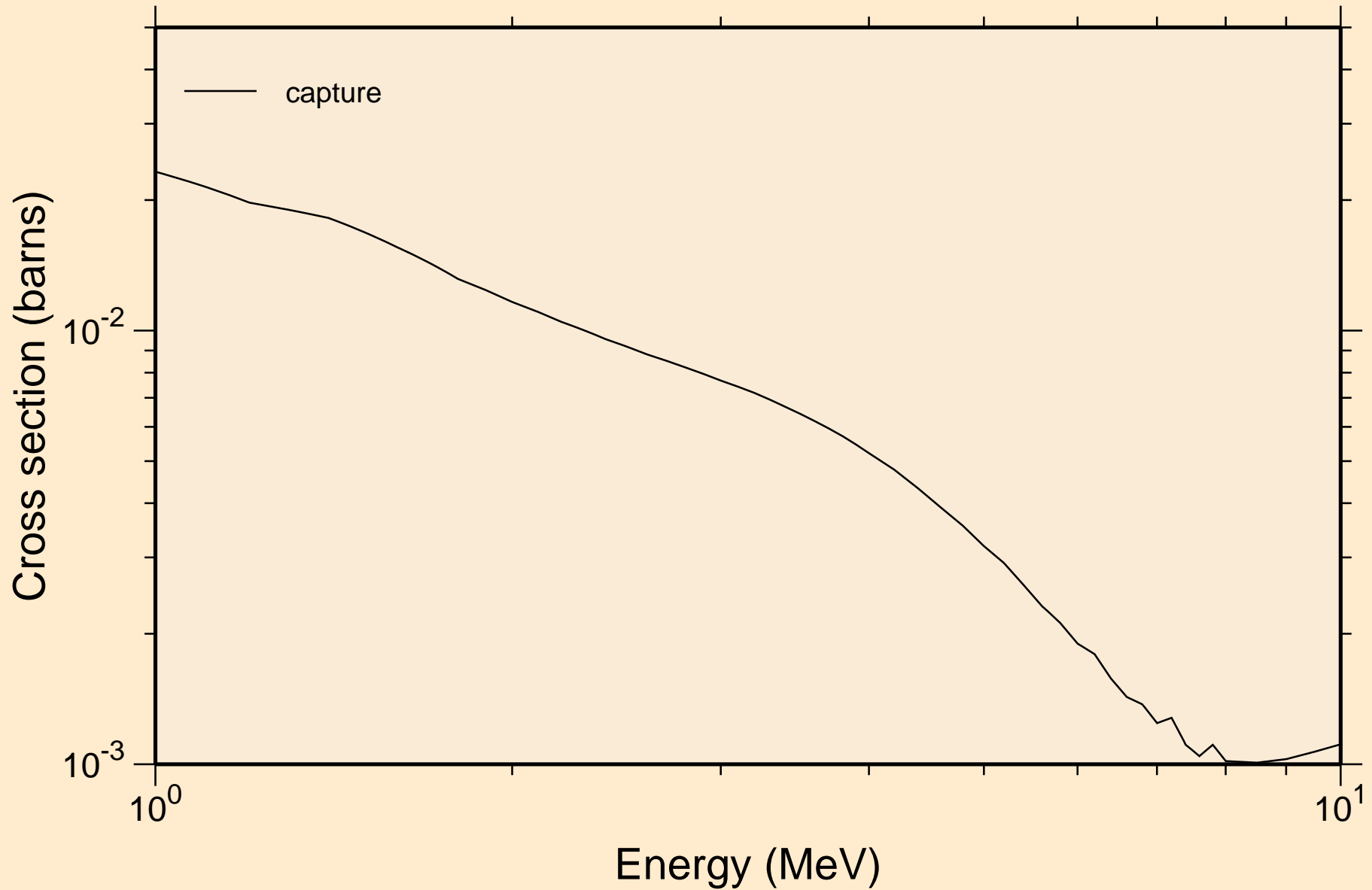
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

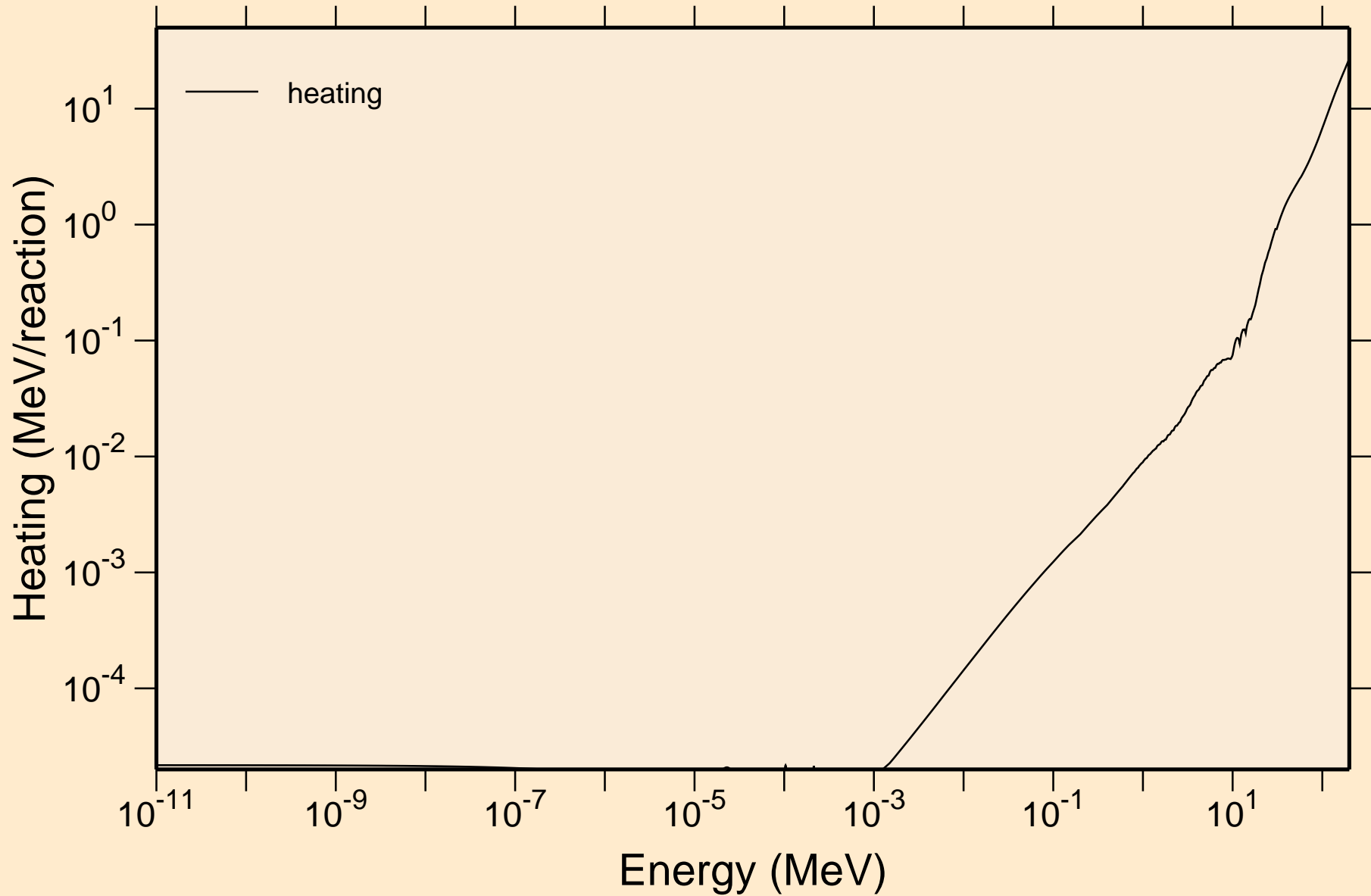


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

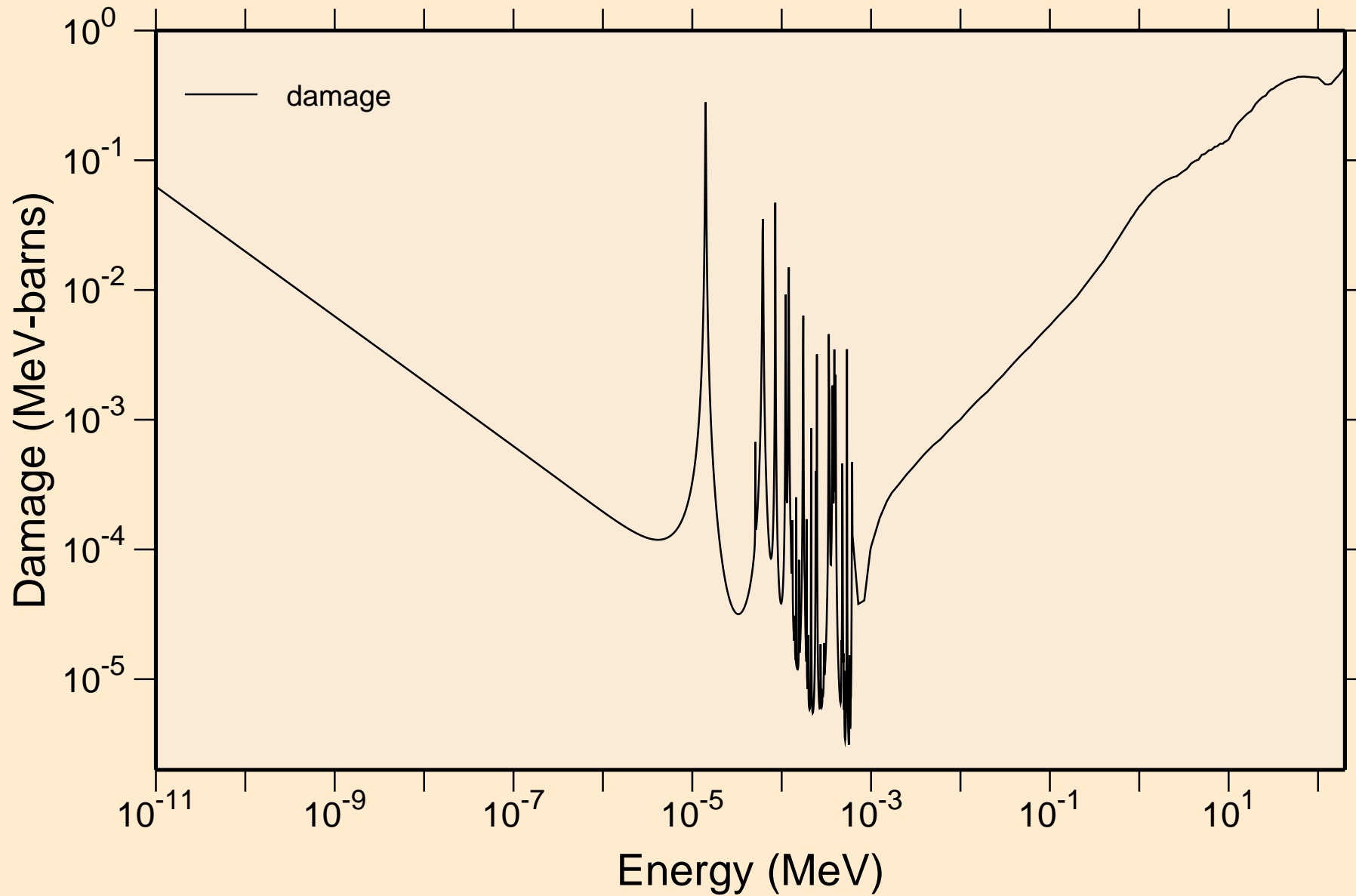
## Heating



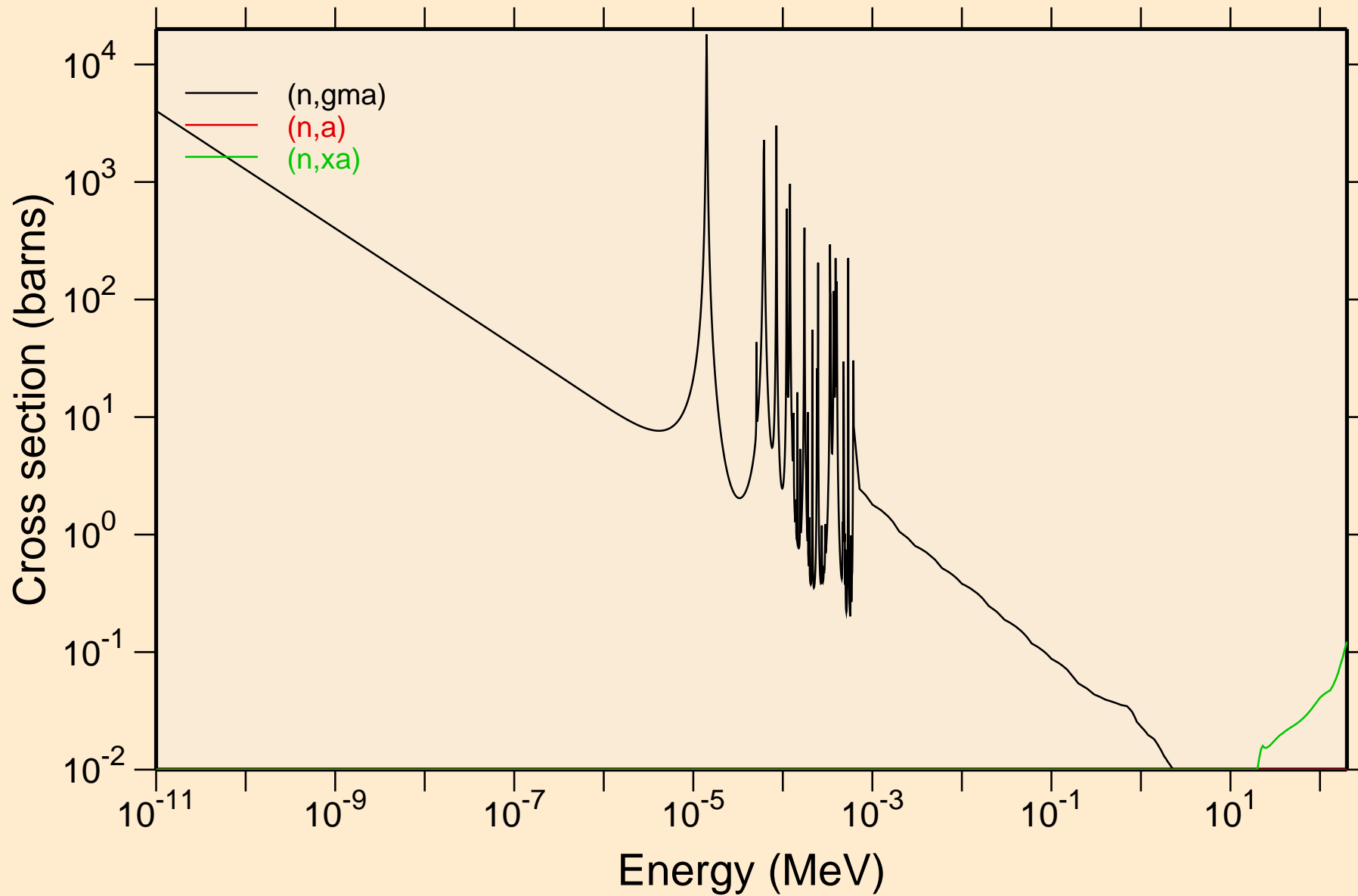


# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

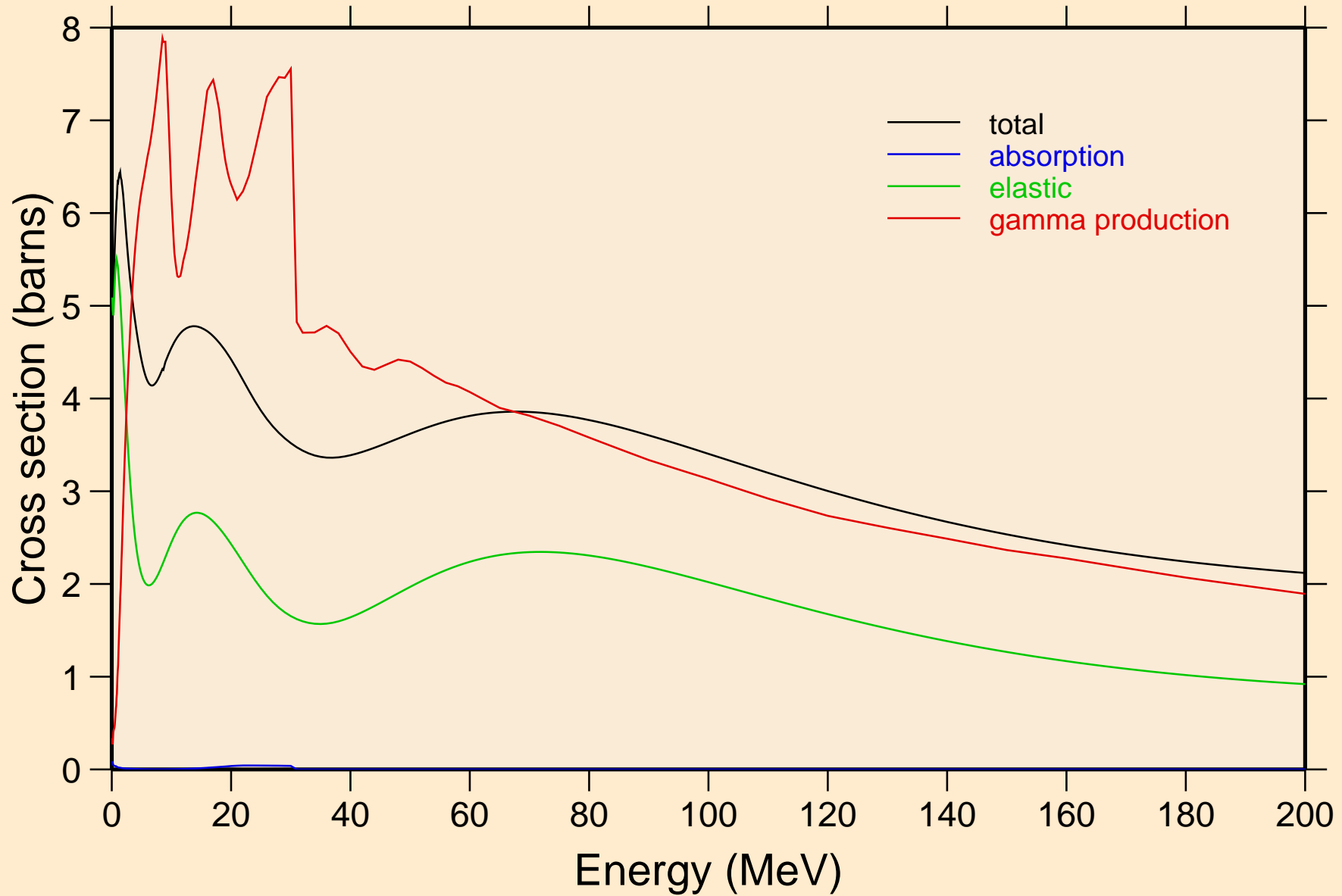


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



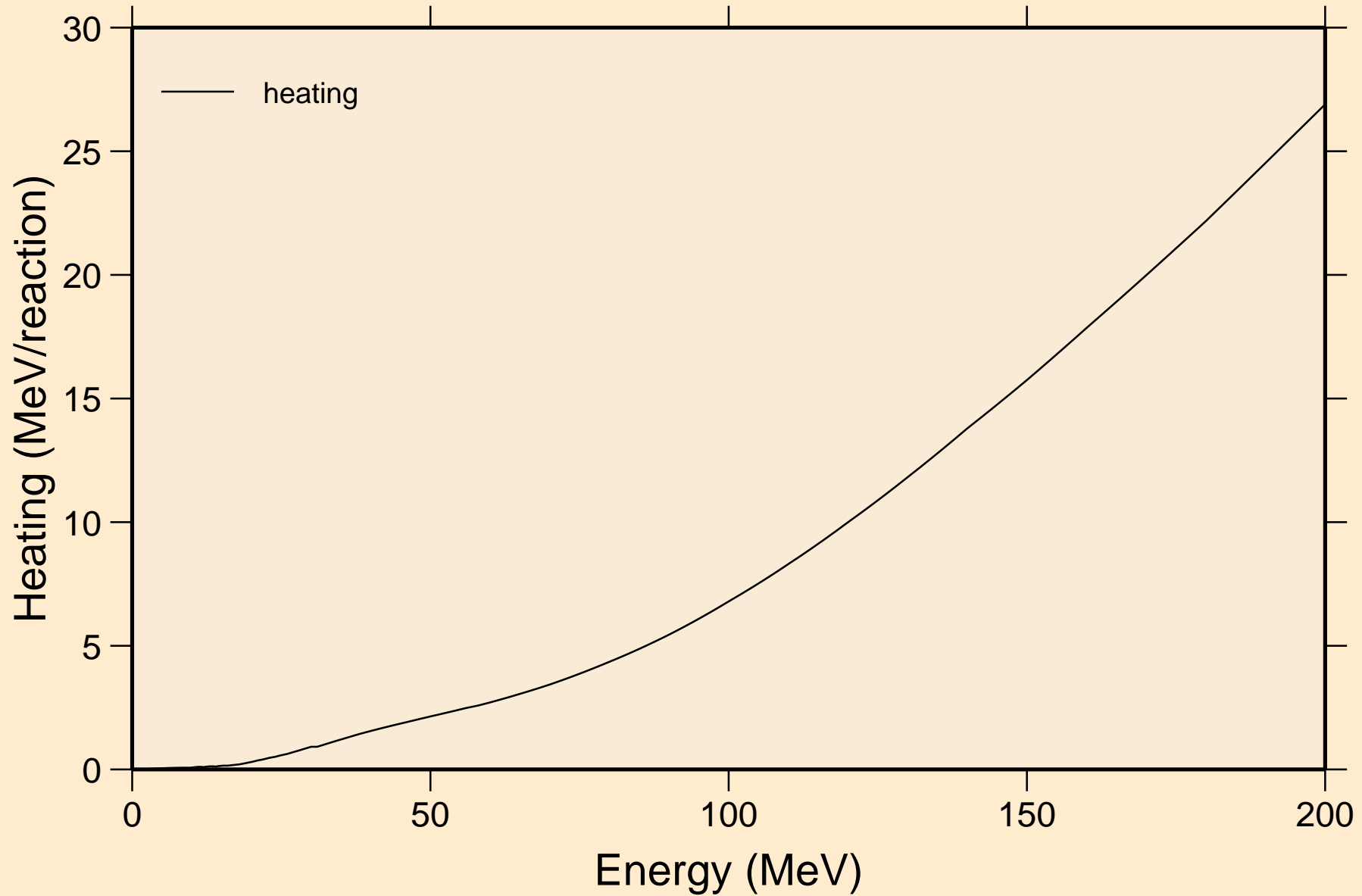
# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



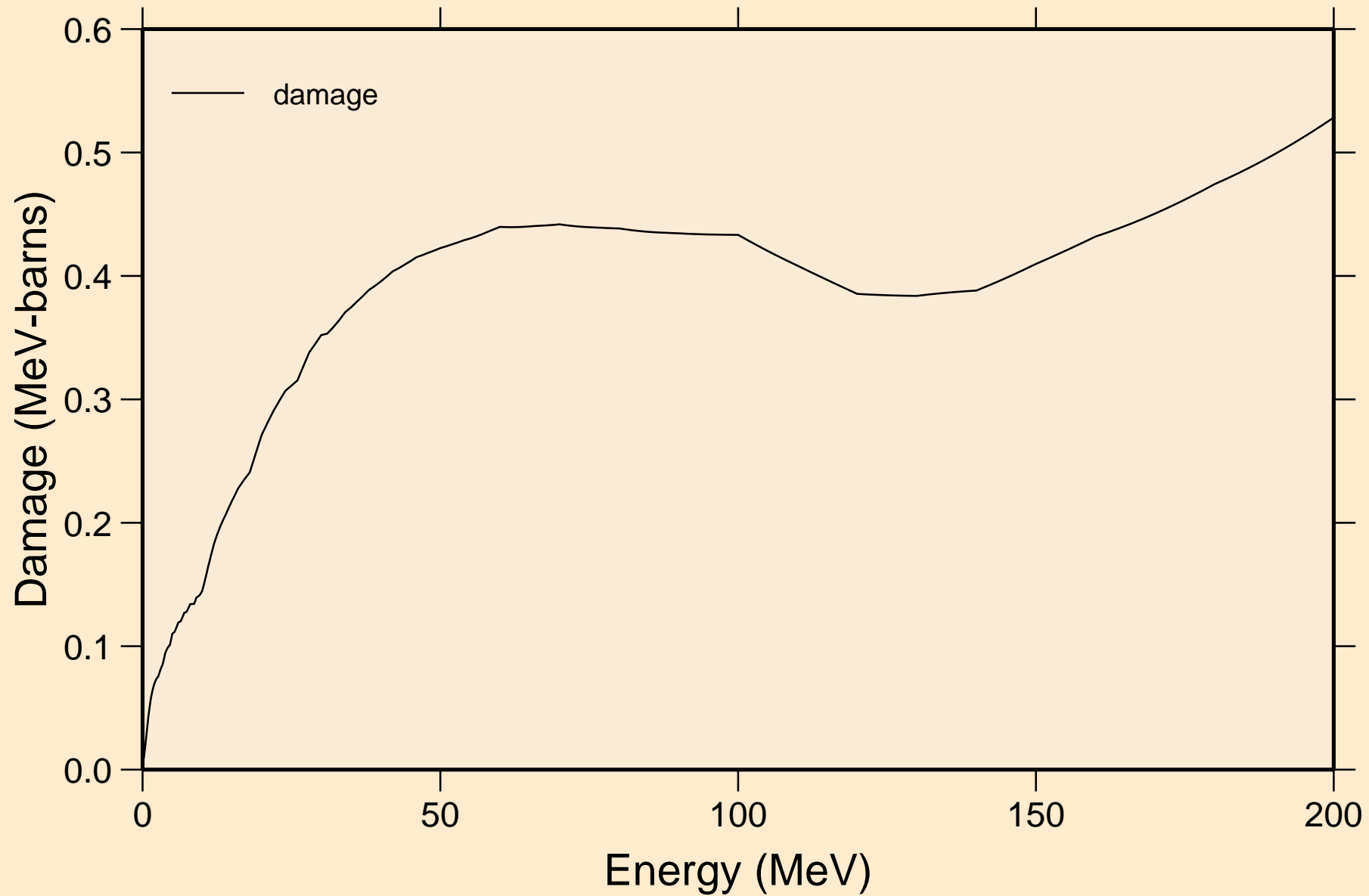
# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



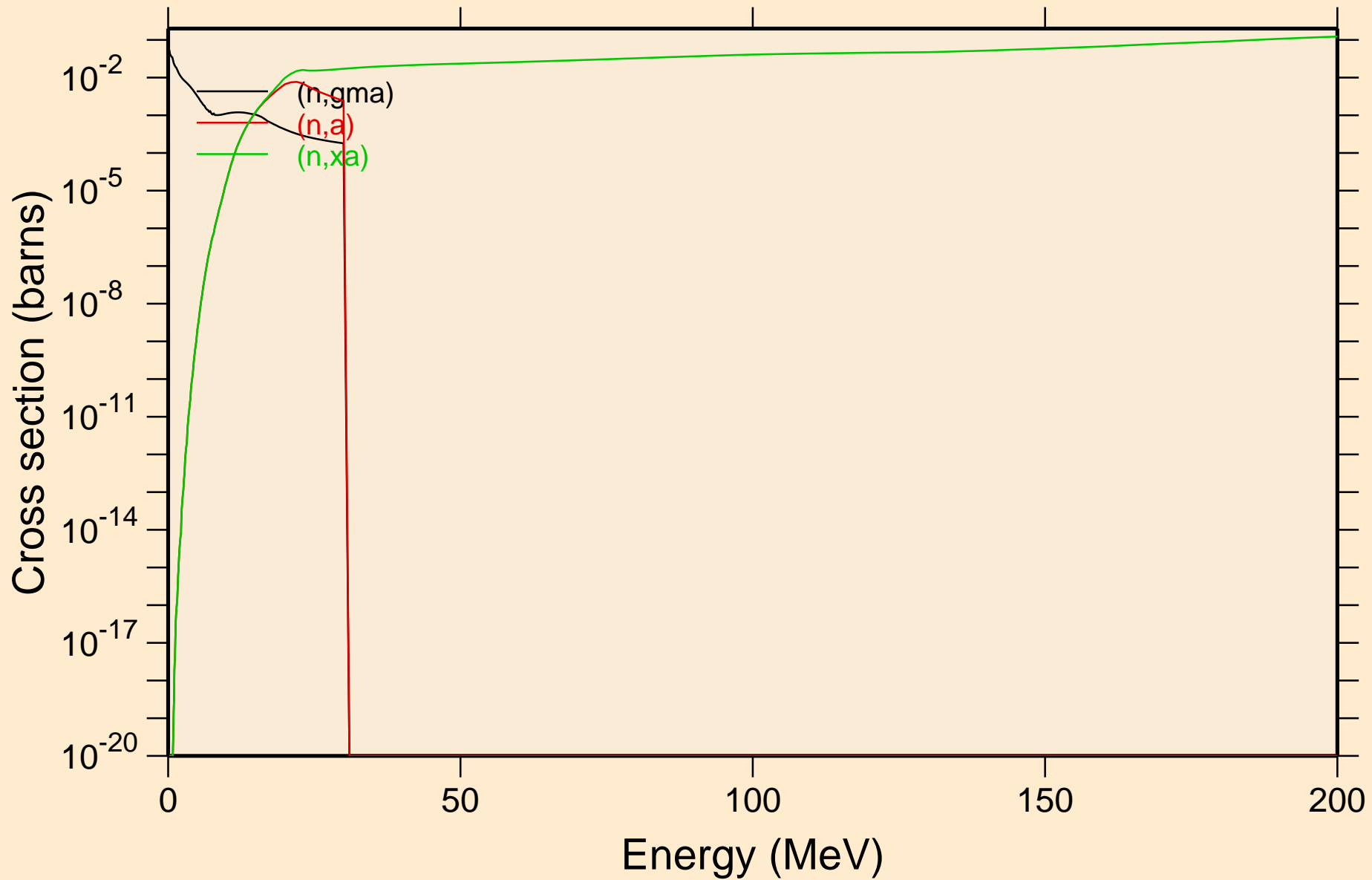
# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



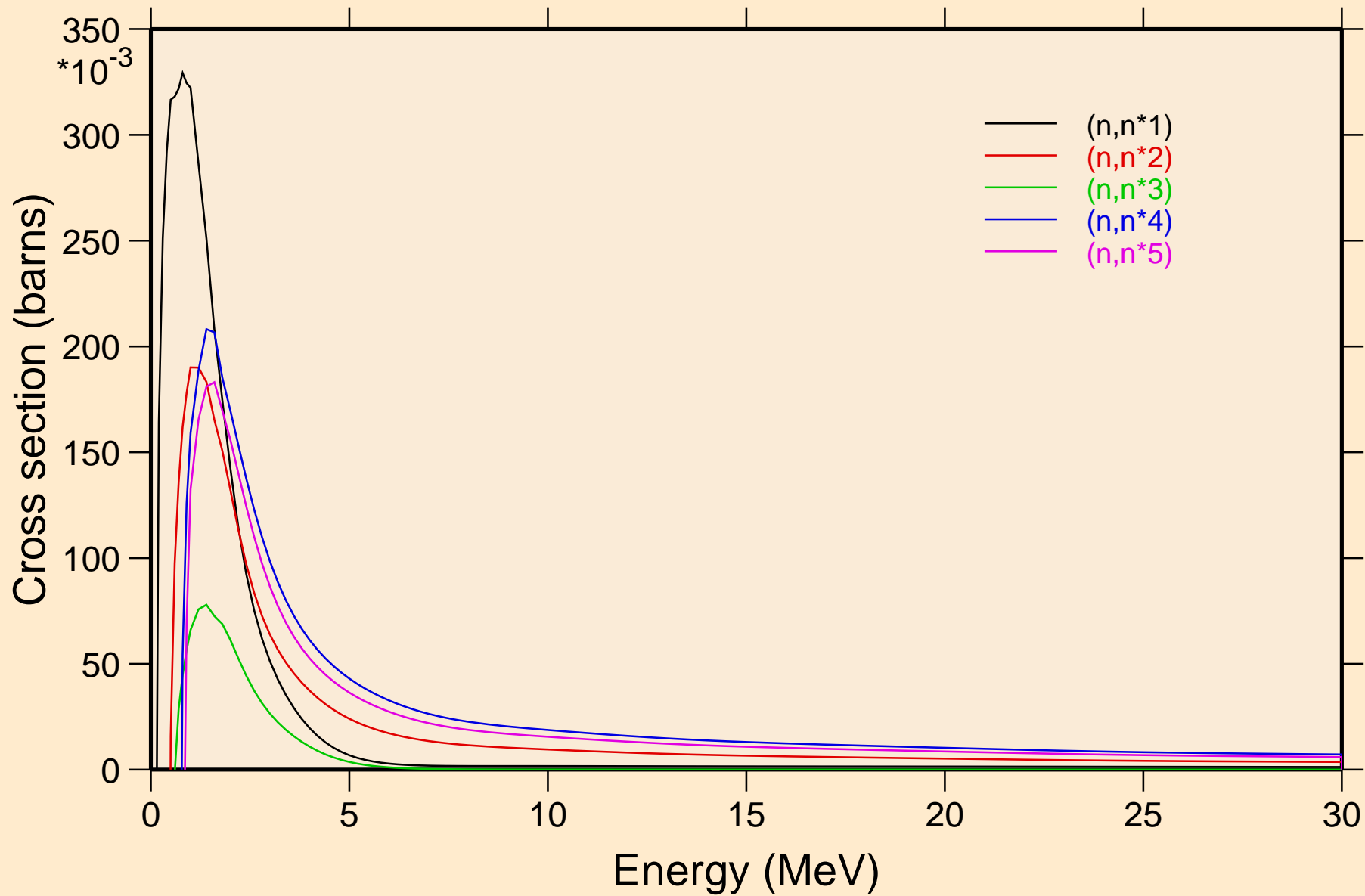
# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

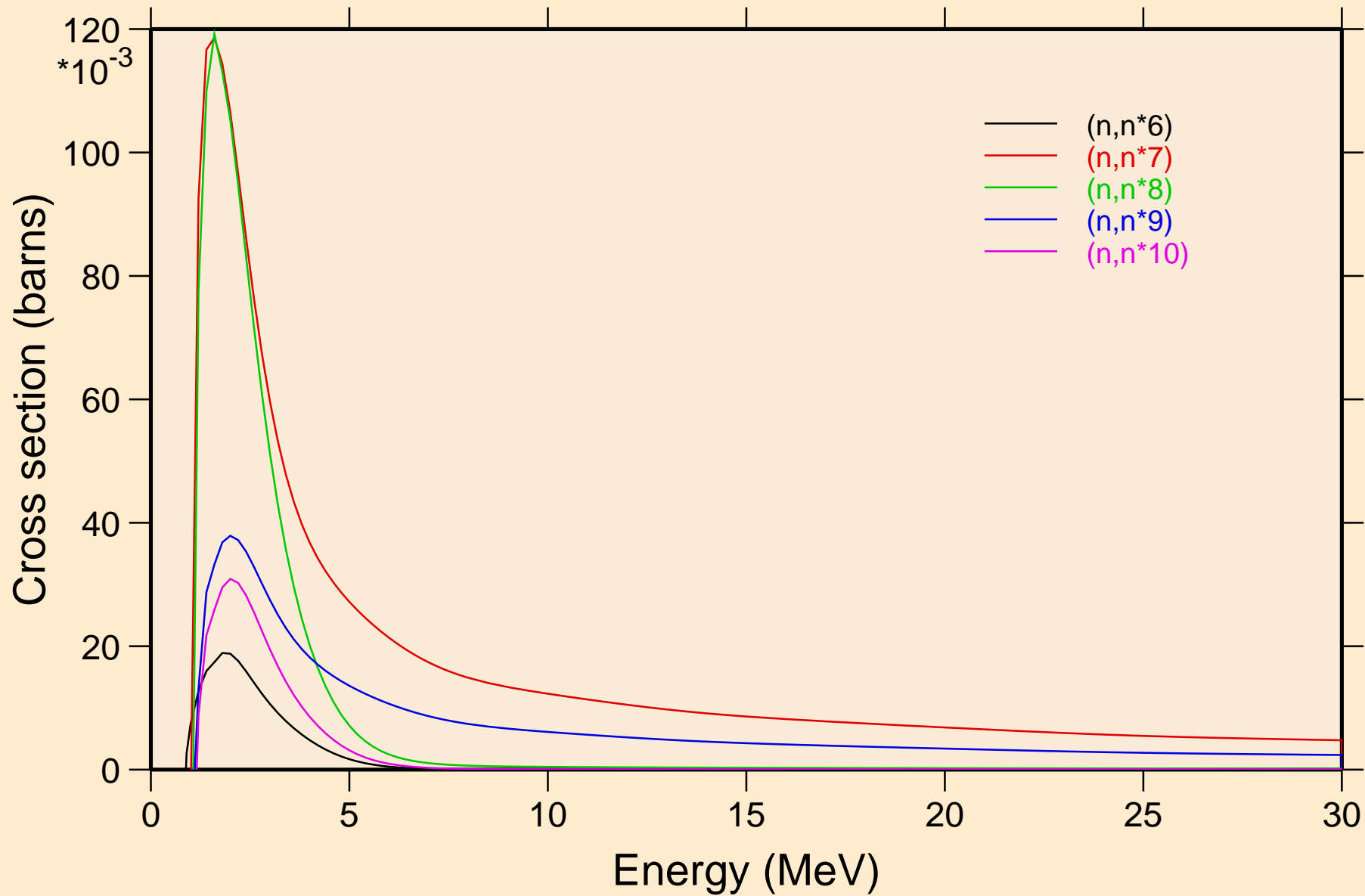


# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



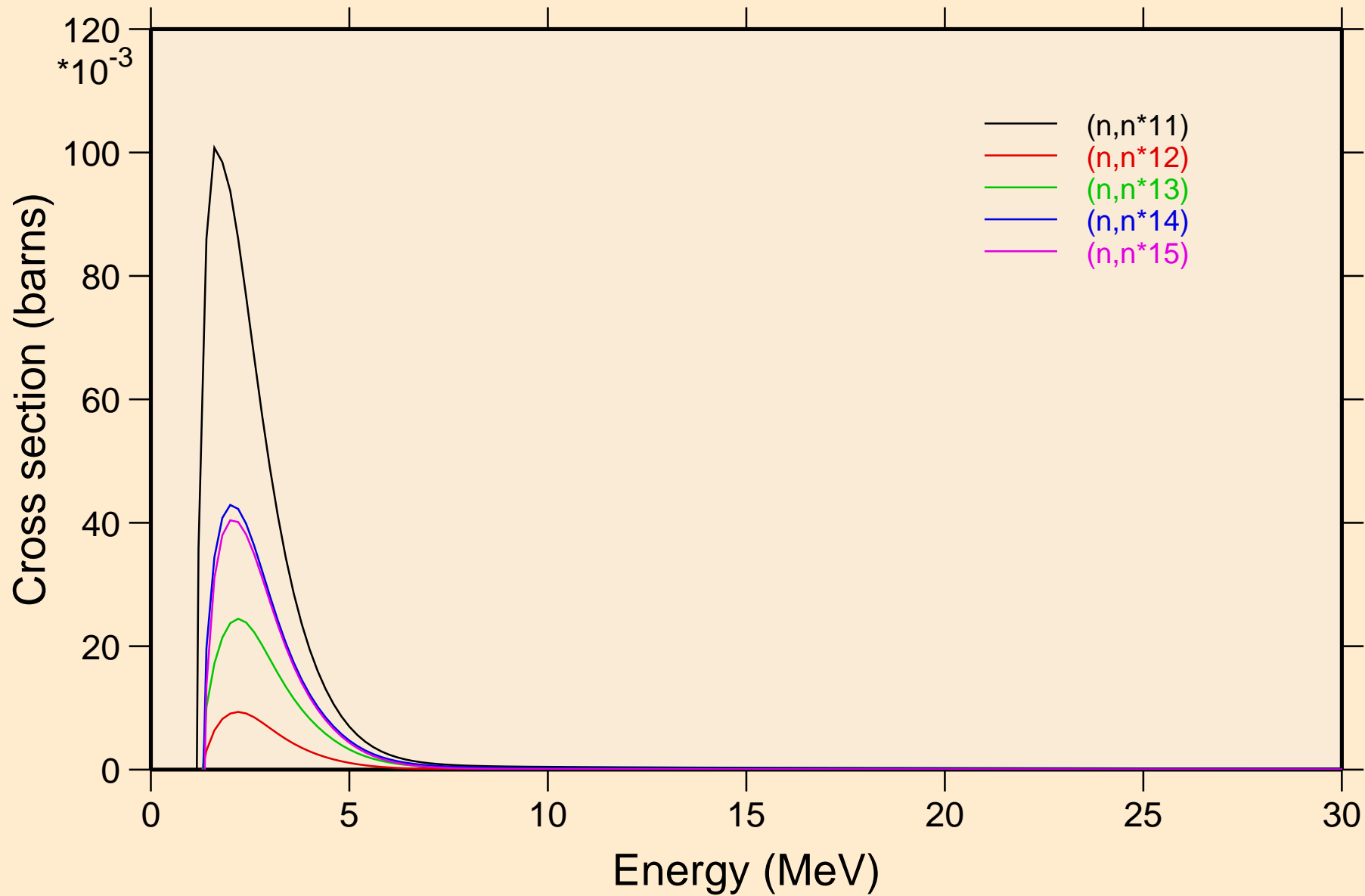
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels





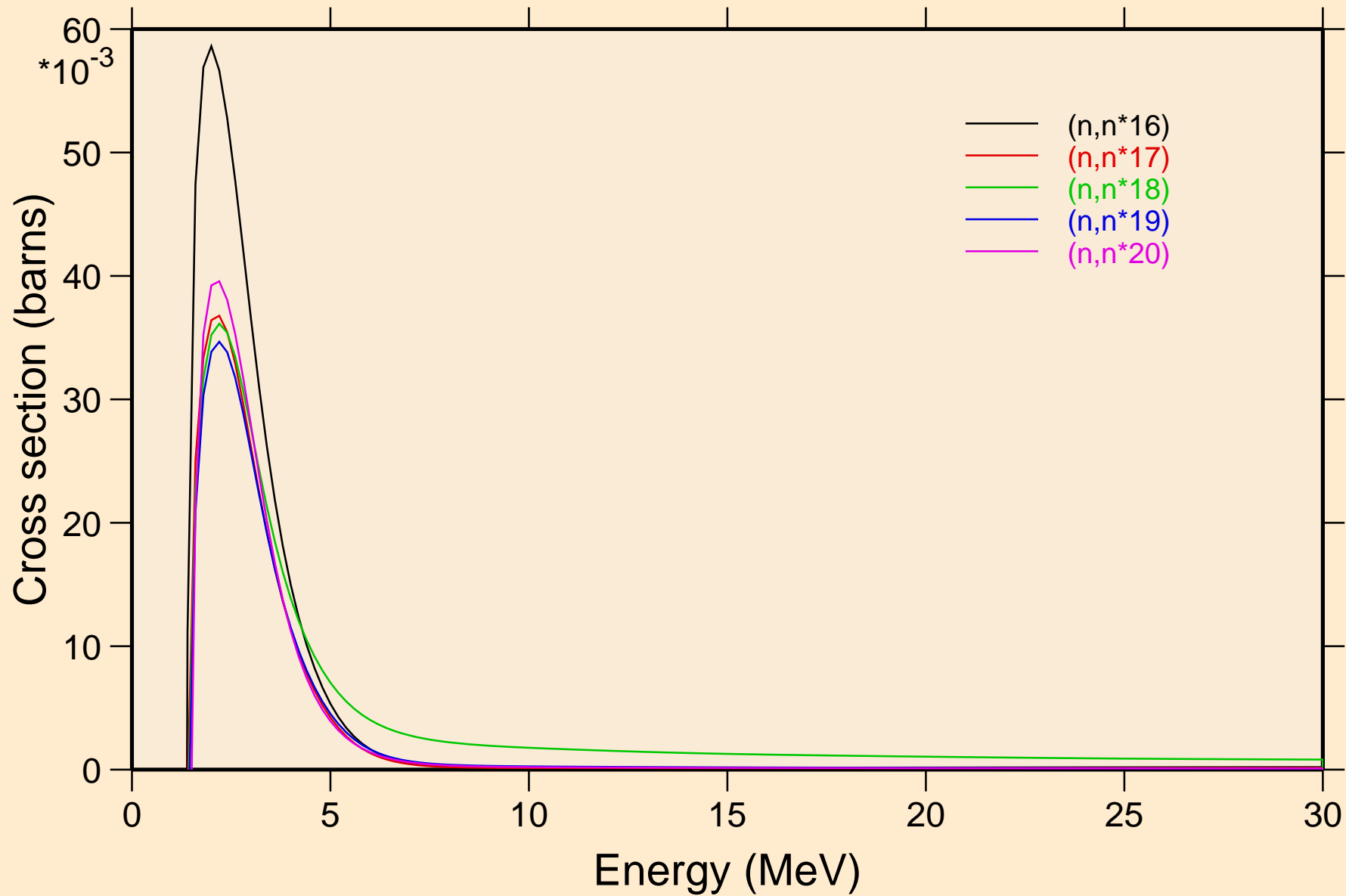
# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



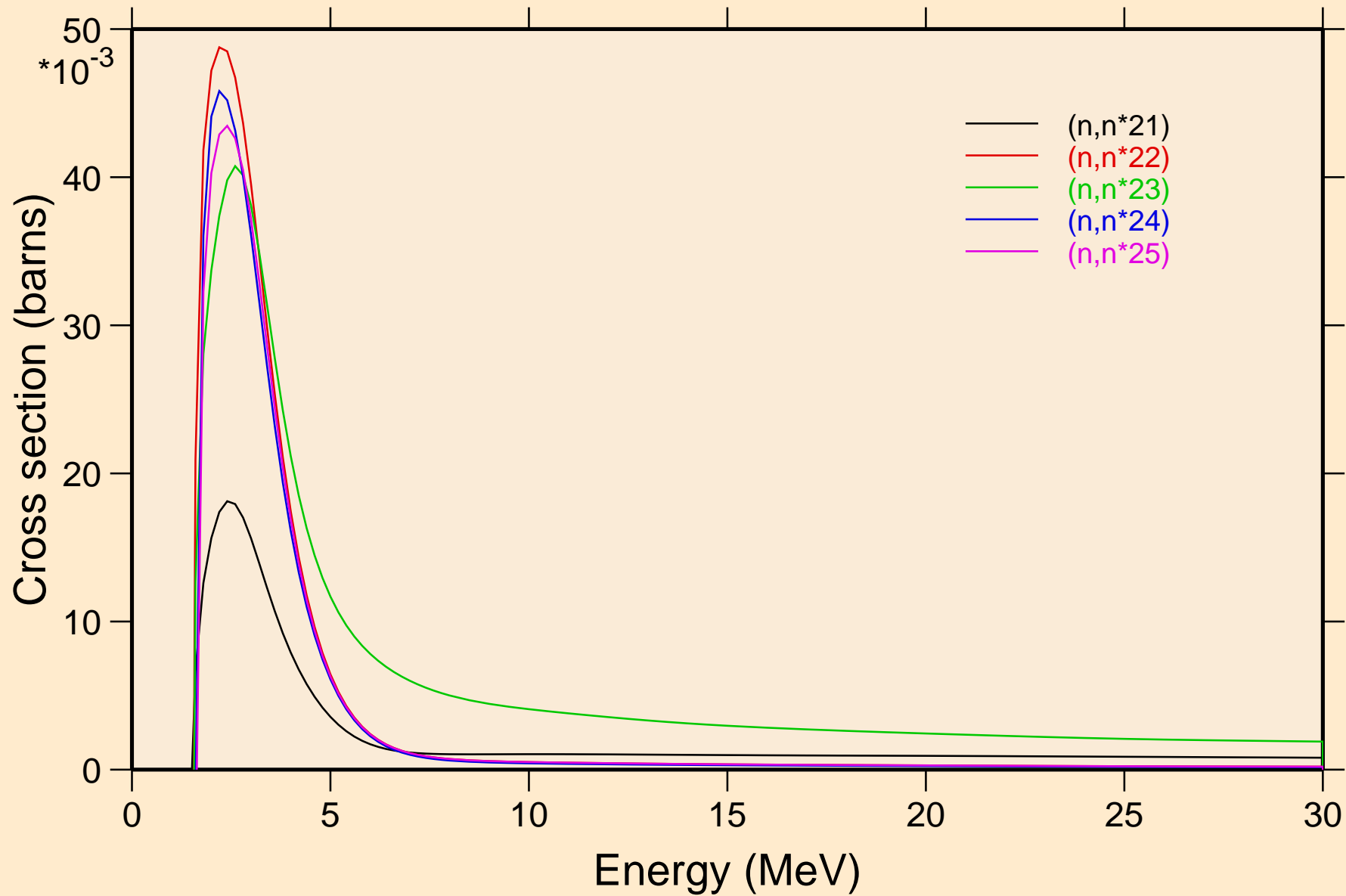
# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



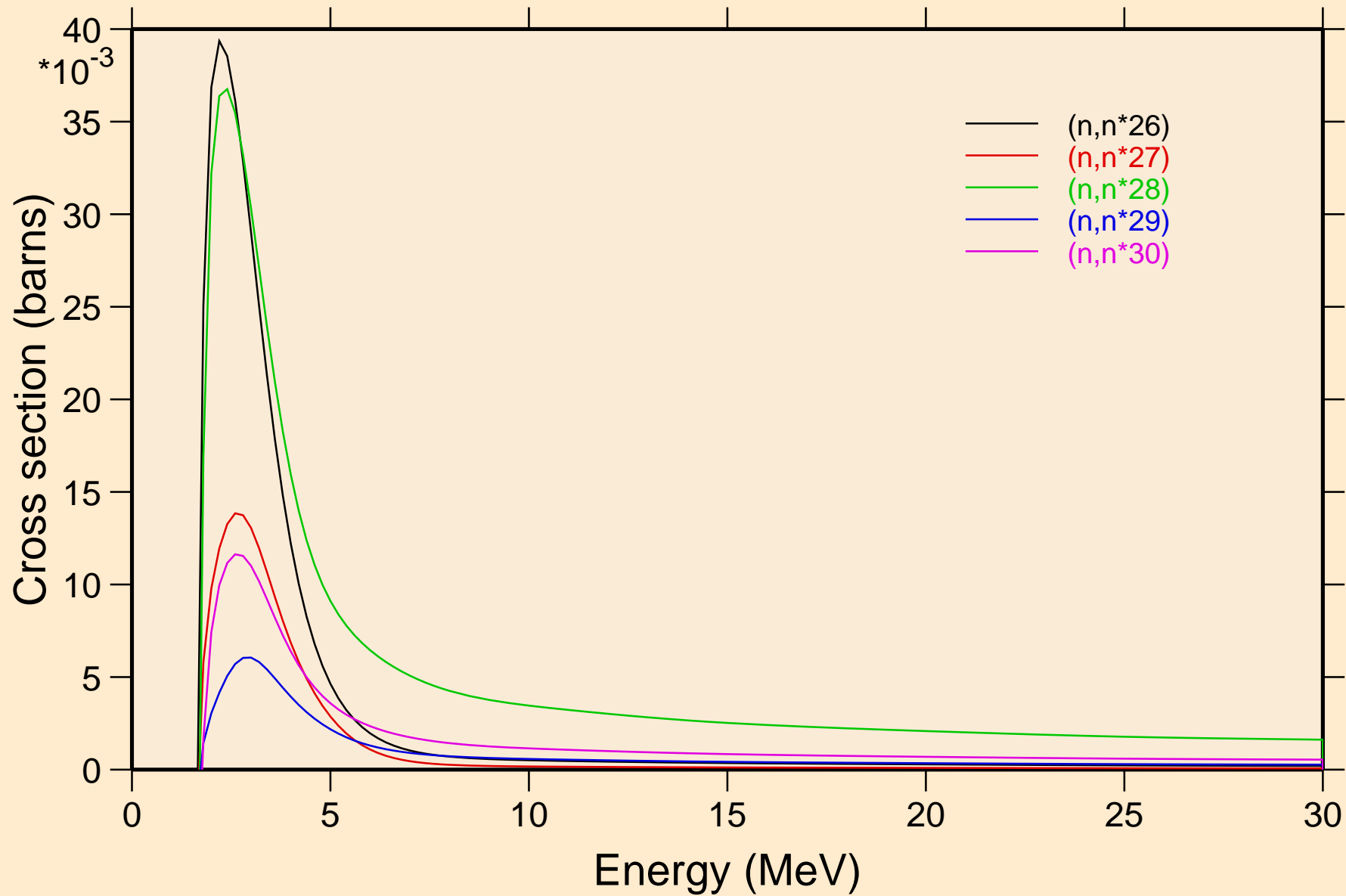
# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



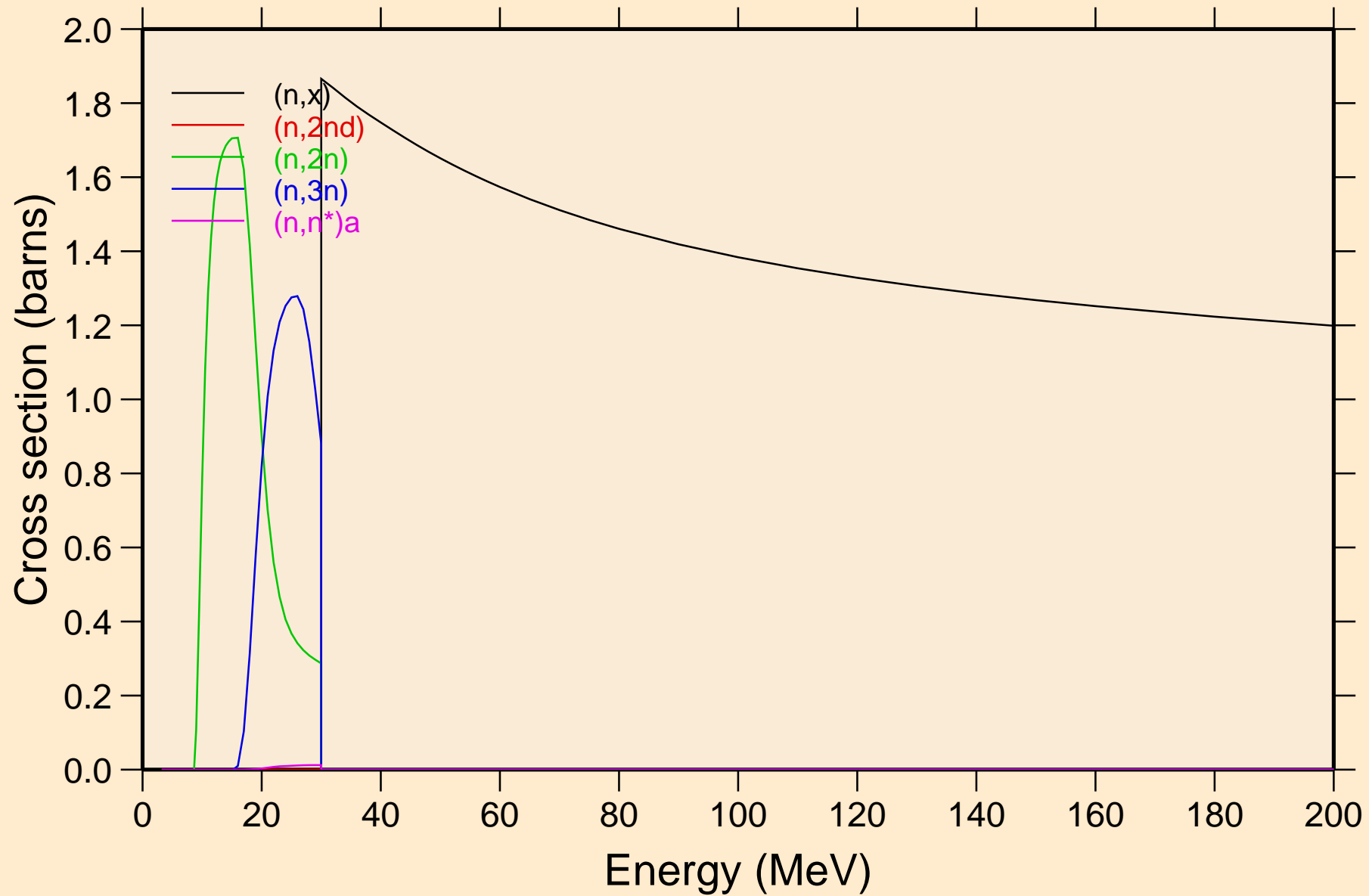
# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



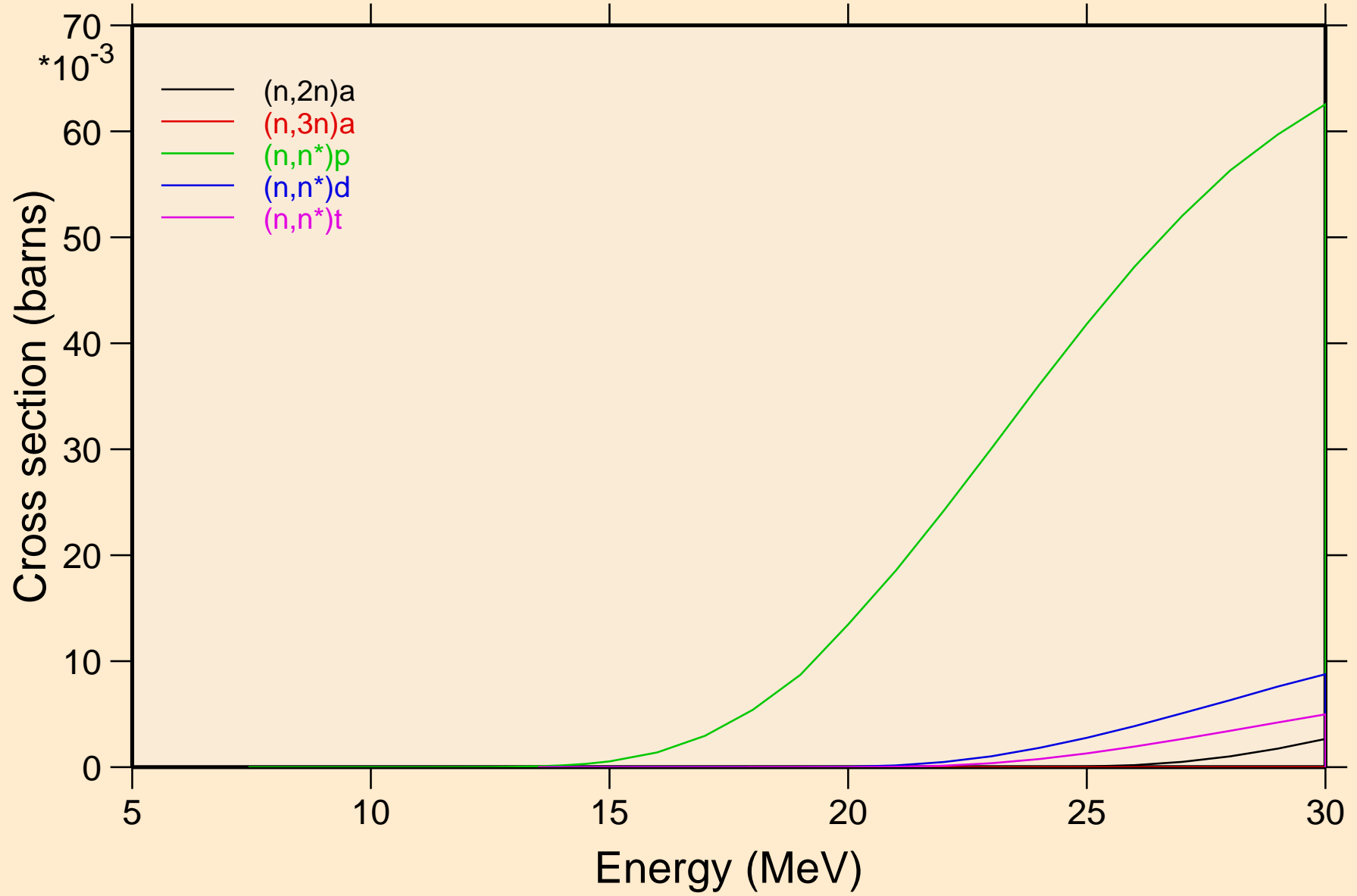
# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

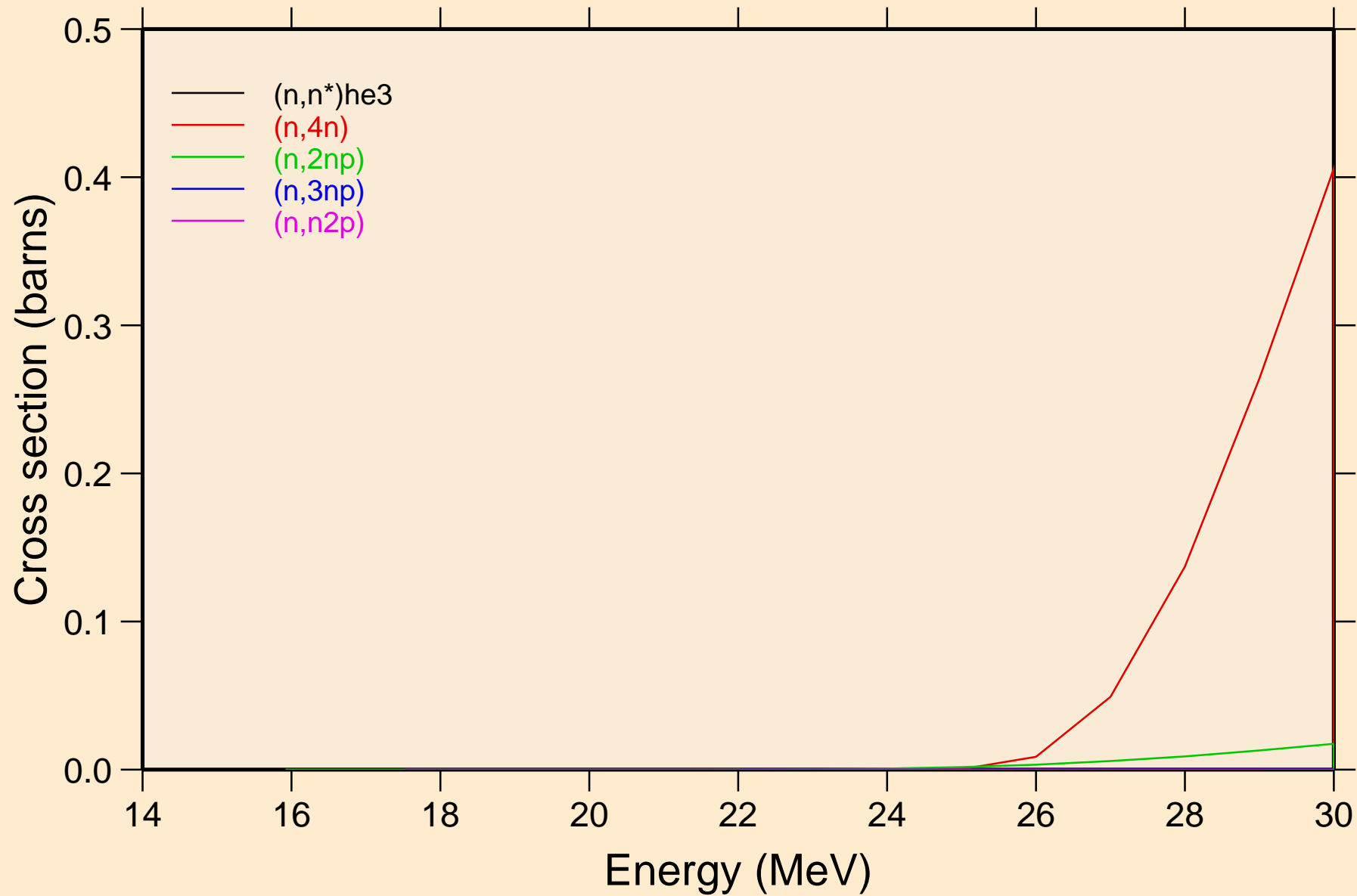


# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

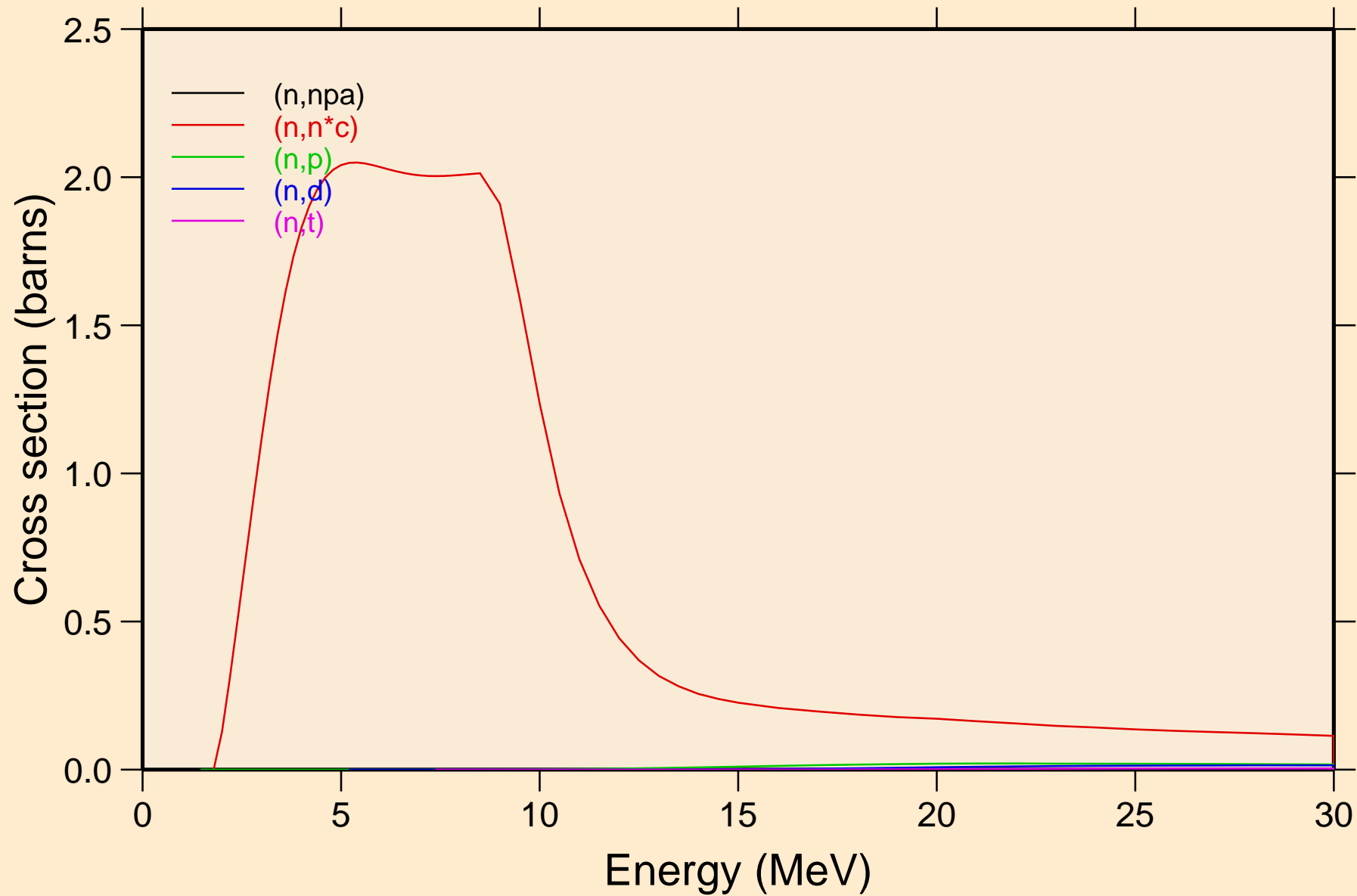


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

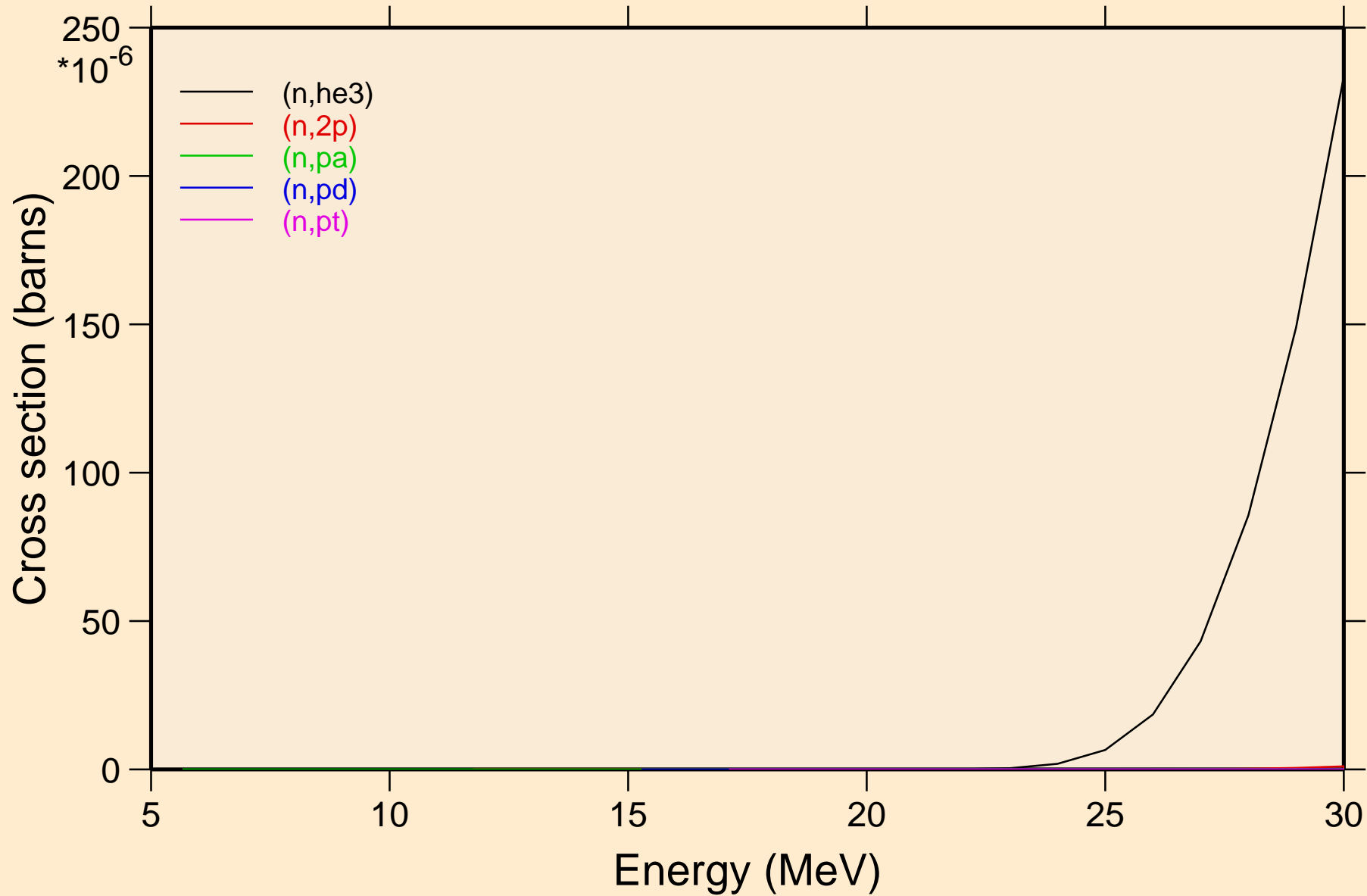
## Threshold reactions





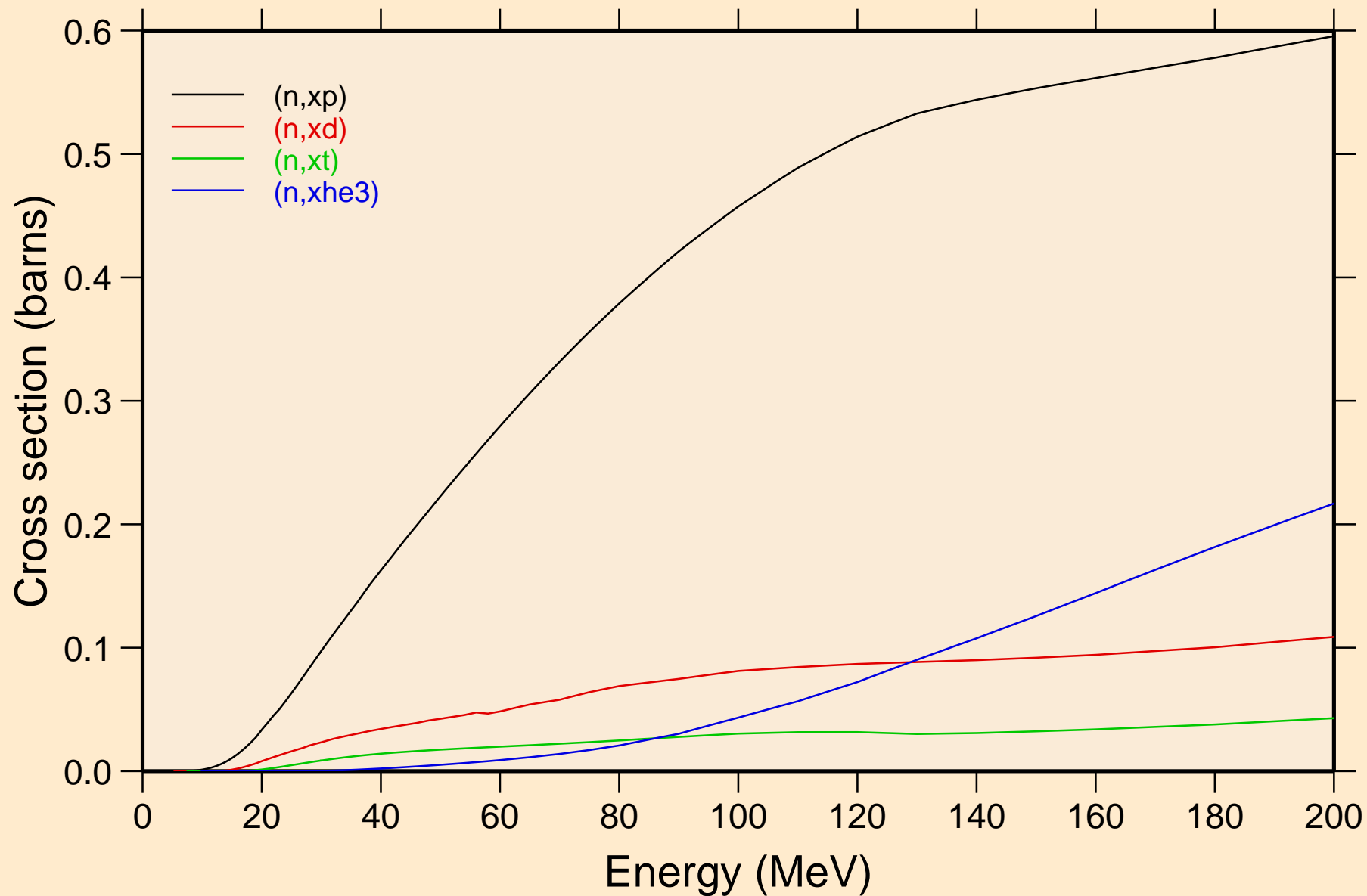
# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

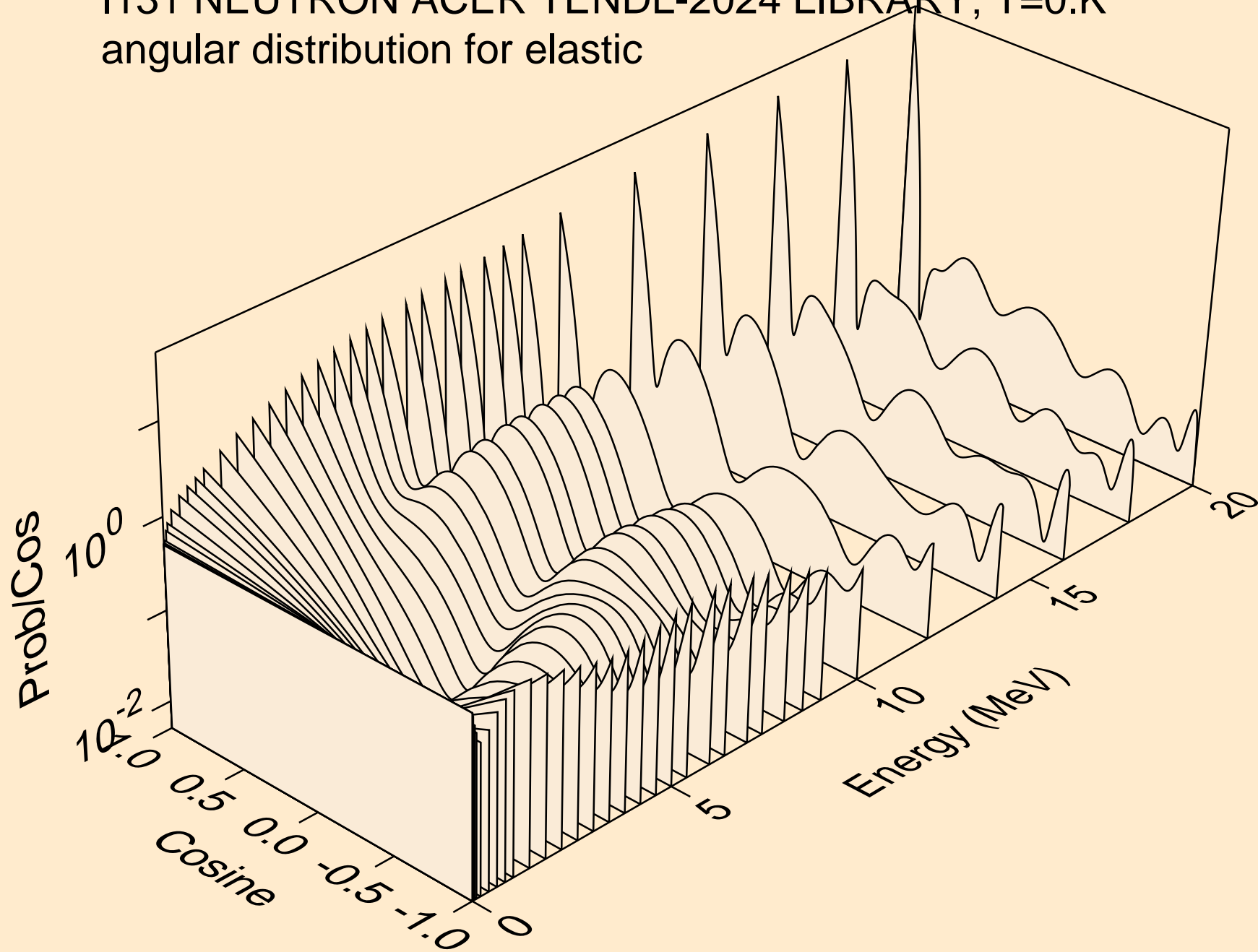


# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

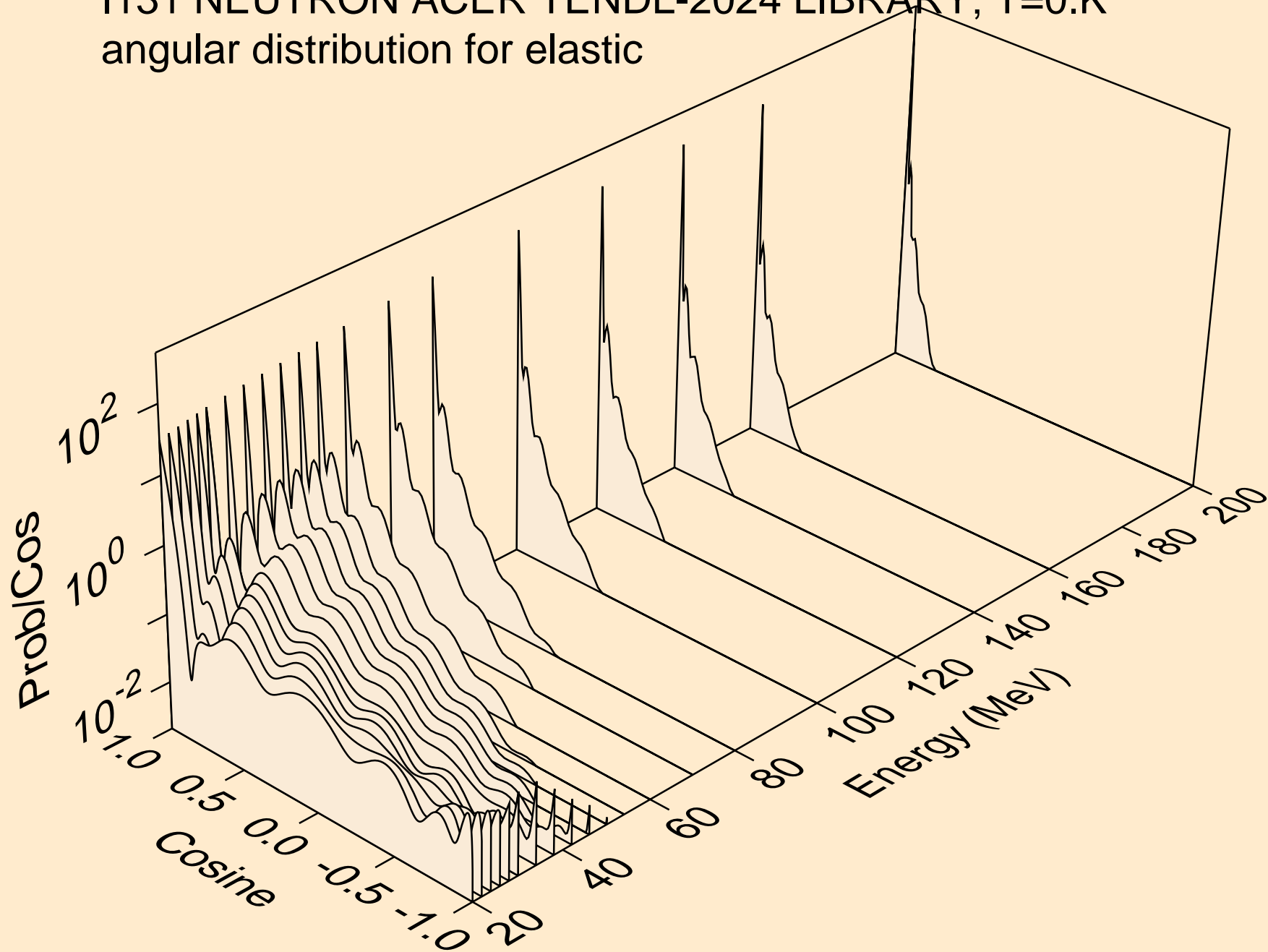
## Threshold reactions



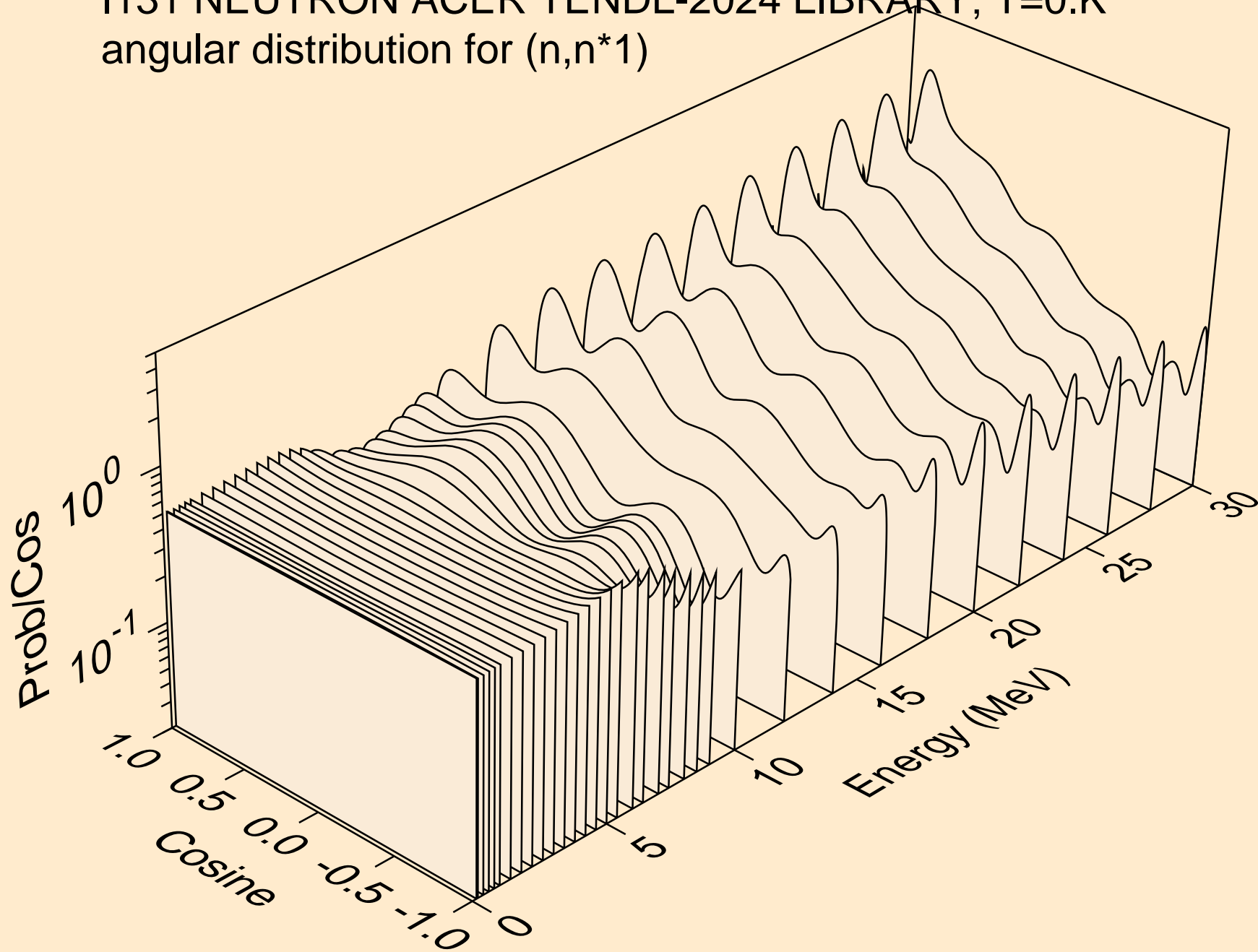
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



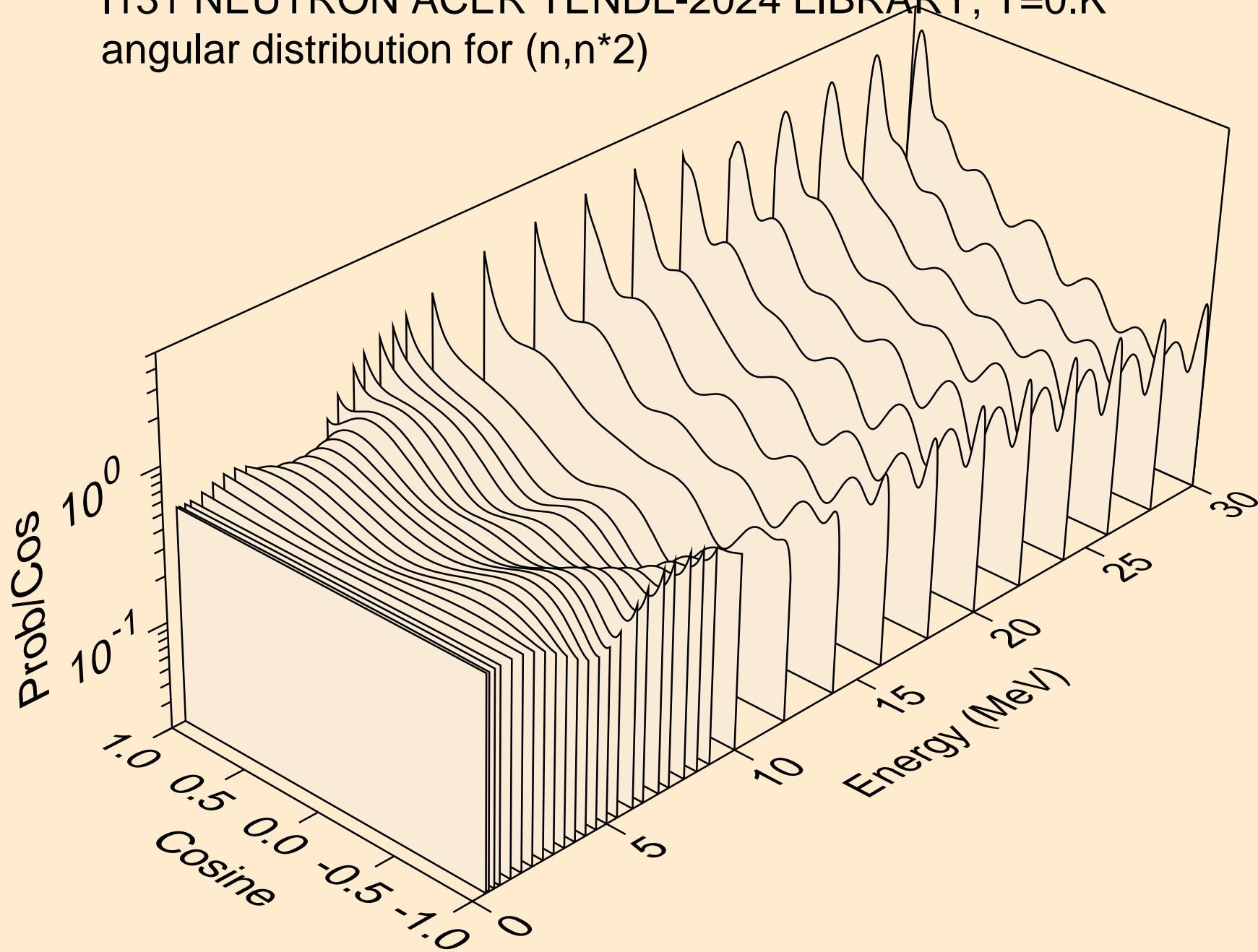
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



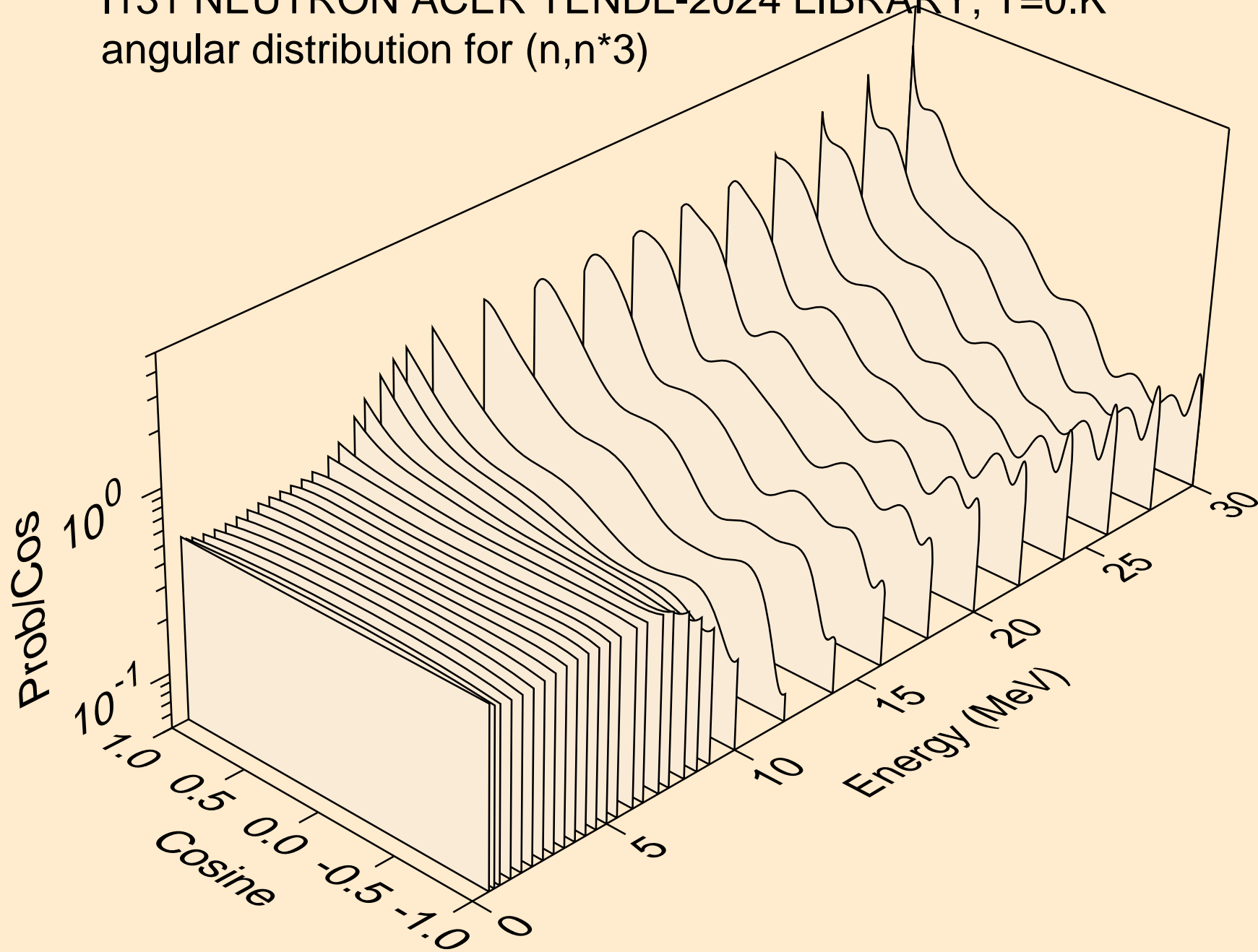
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



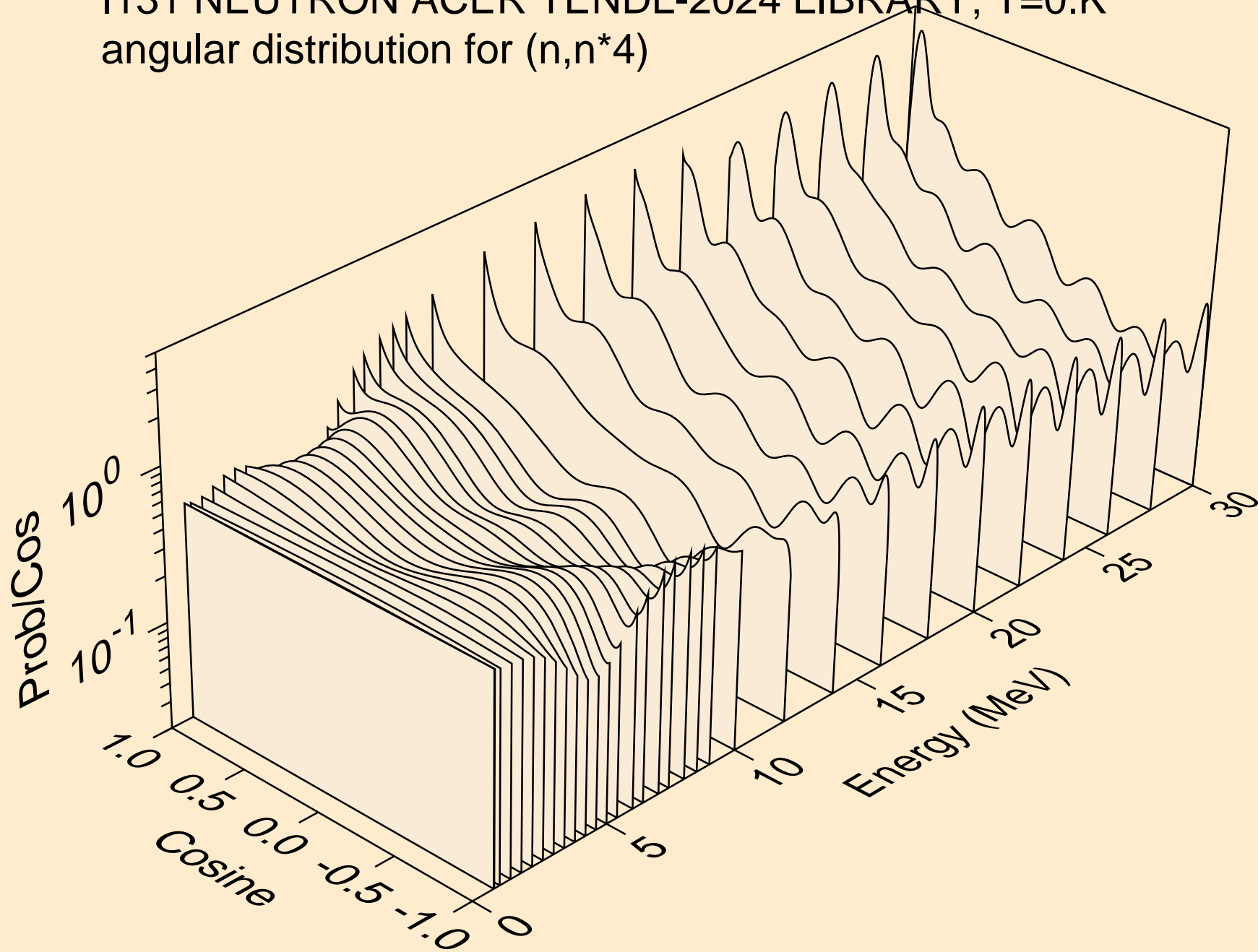
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

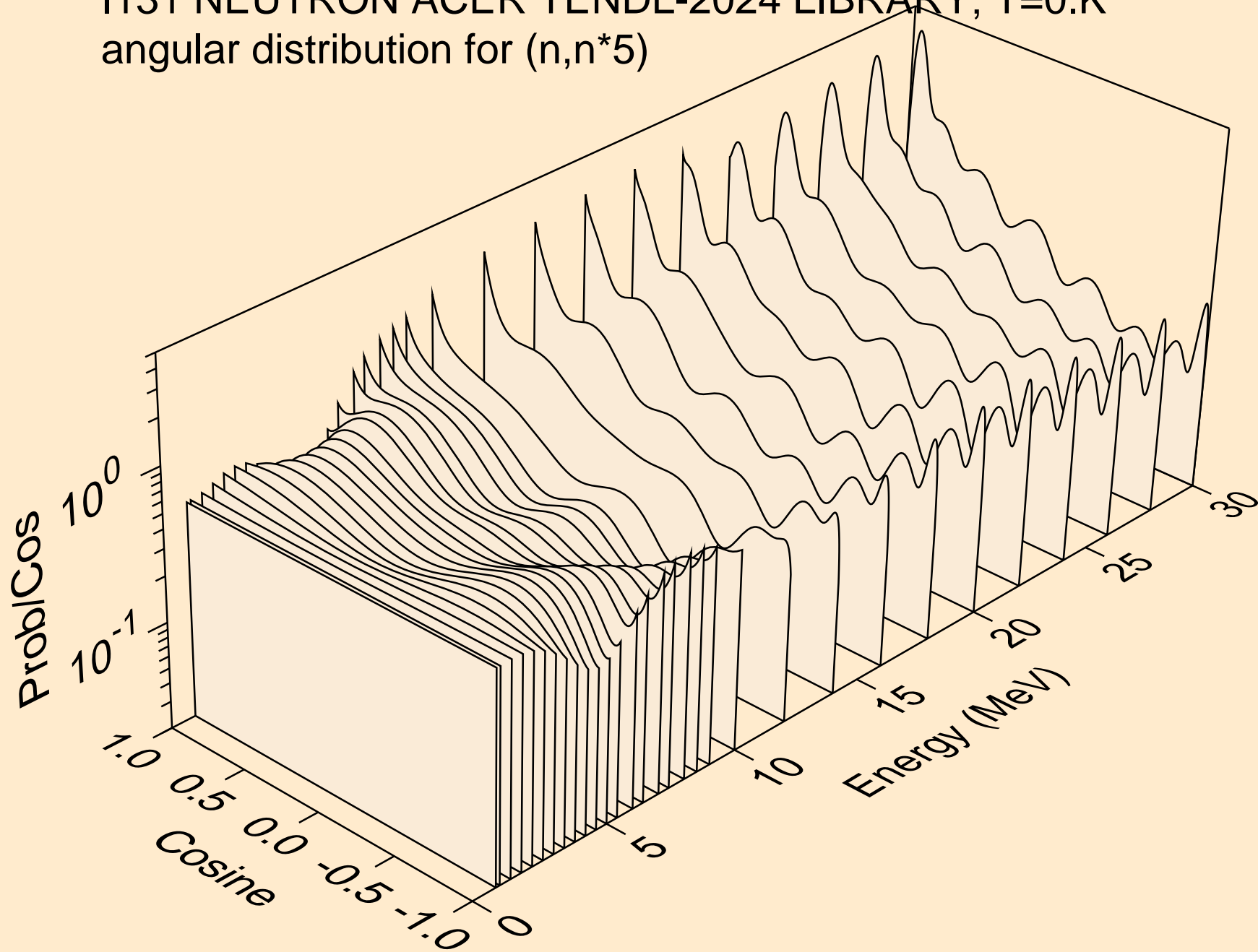


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

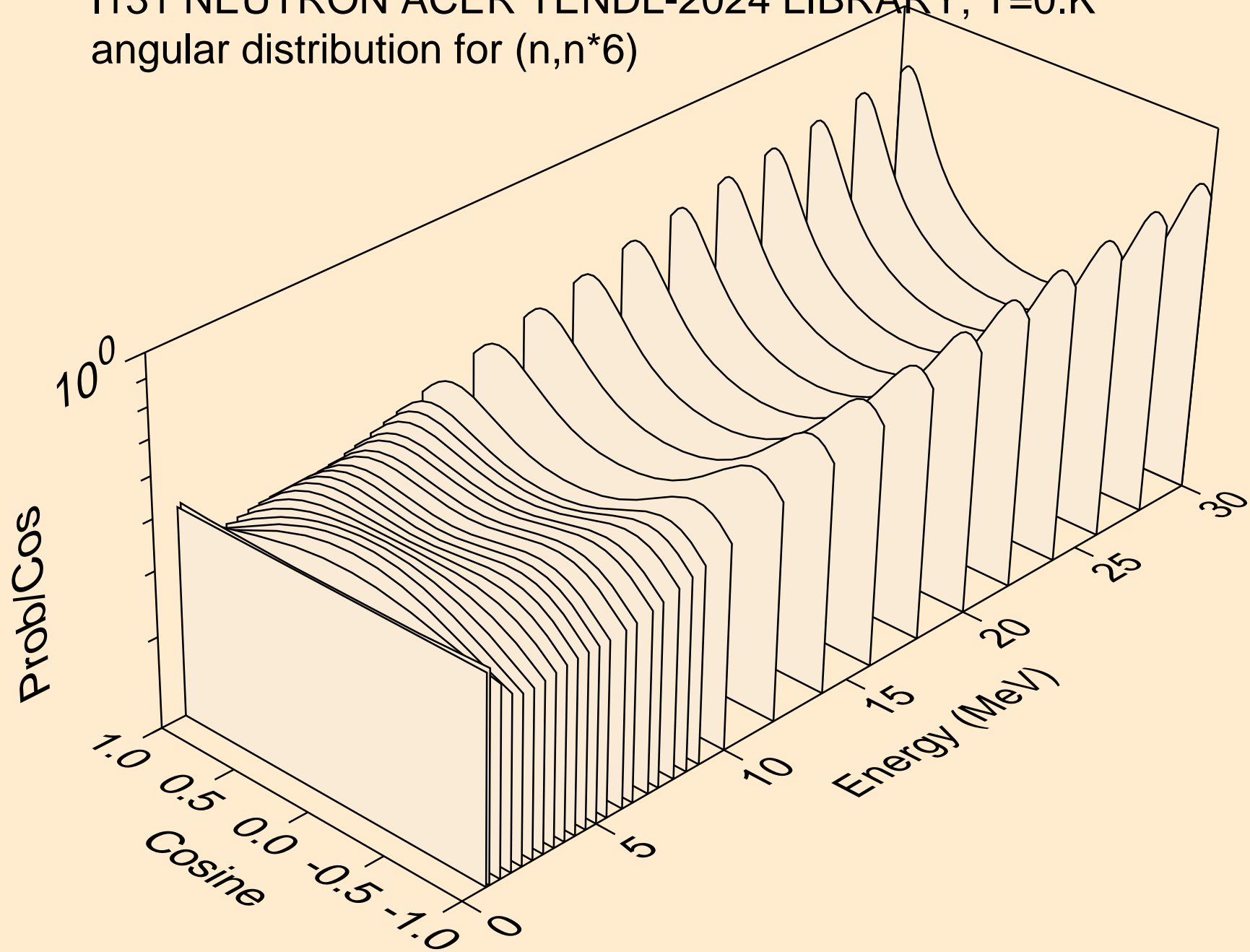




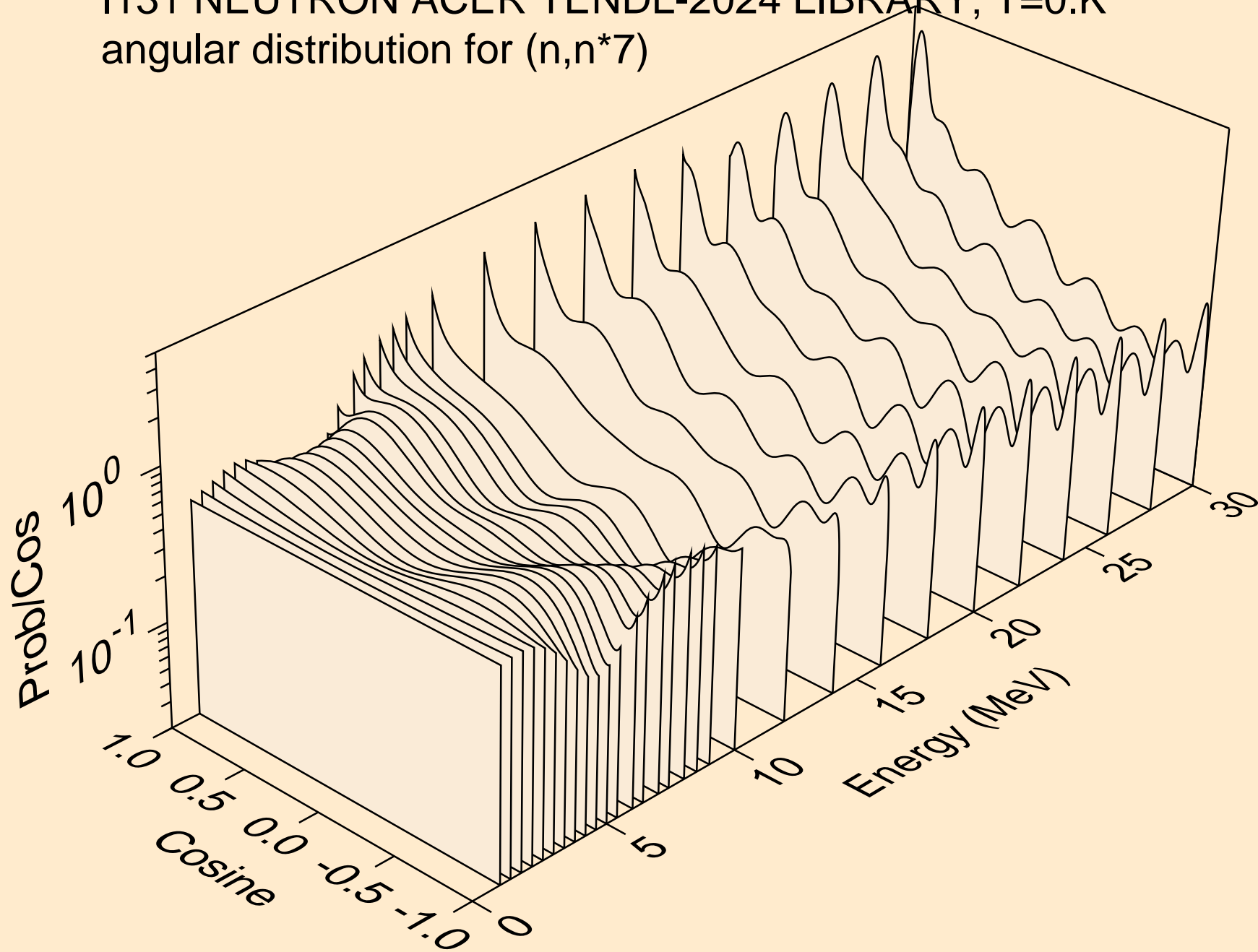
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



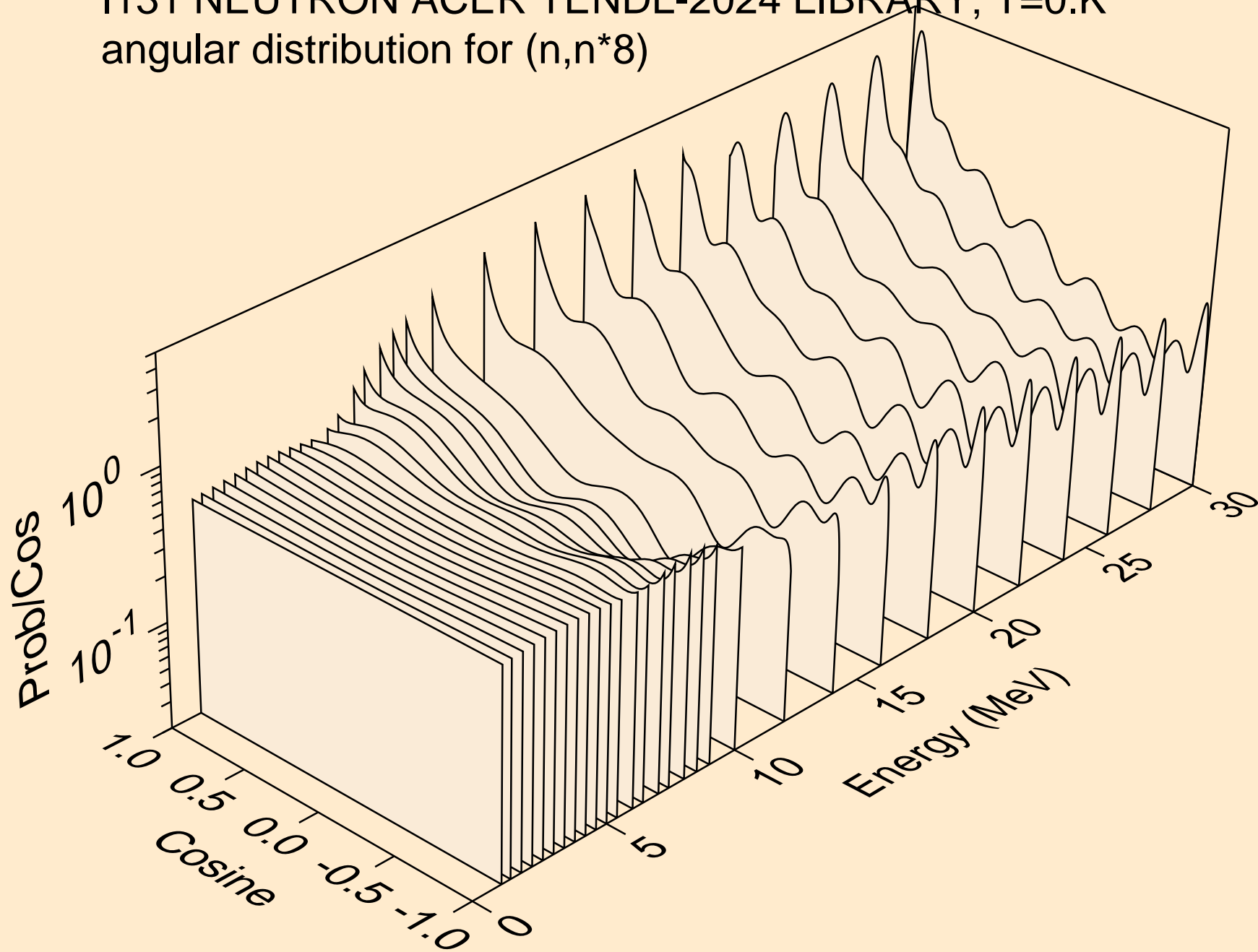
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



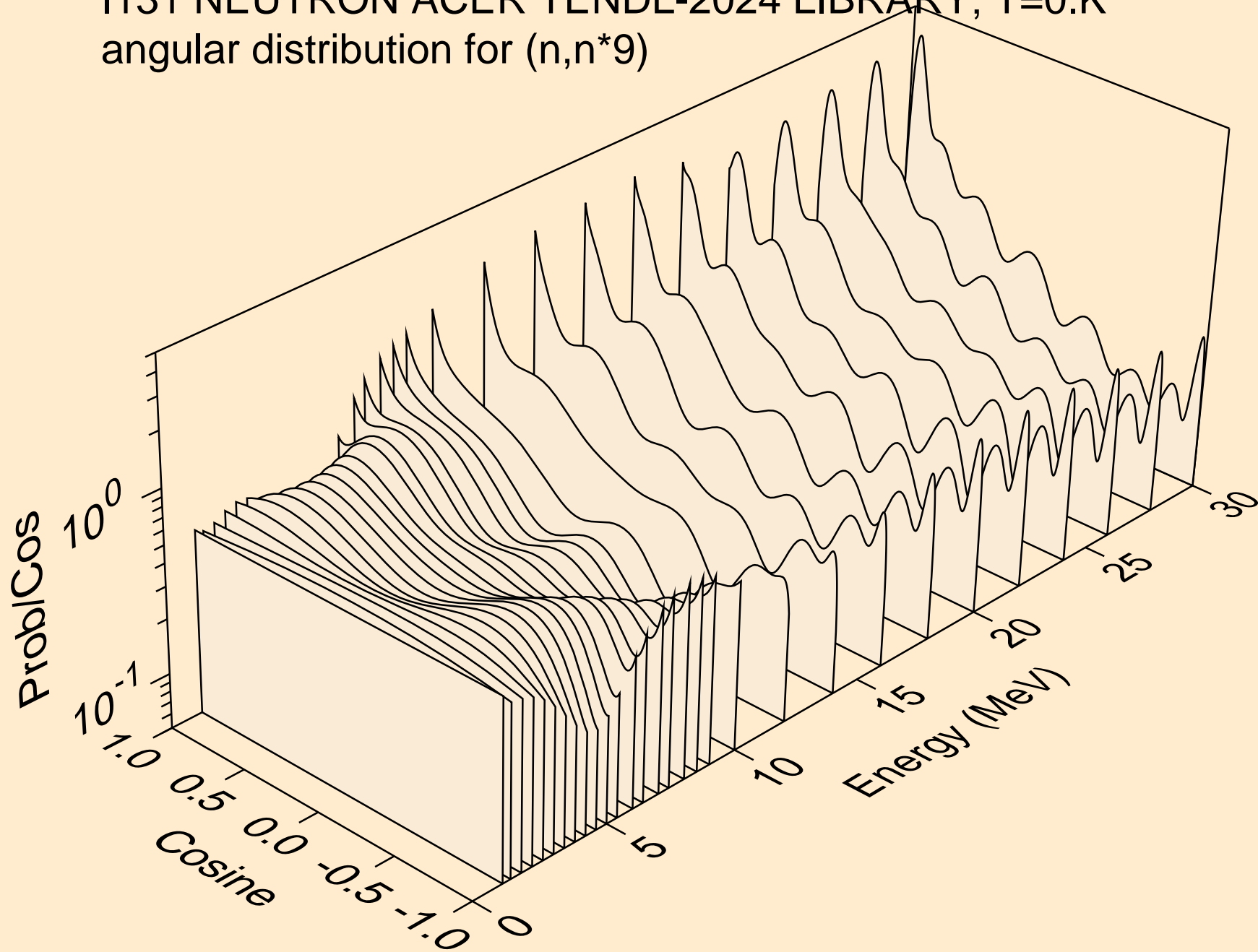
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



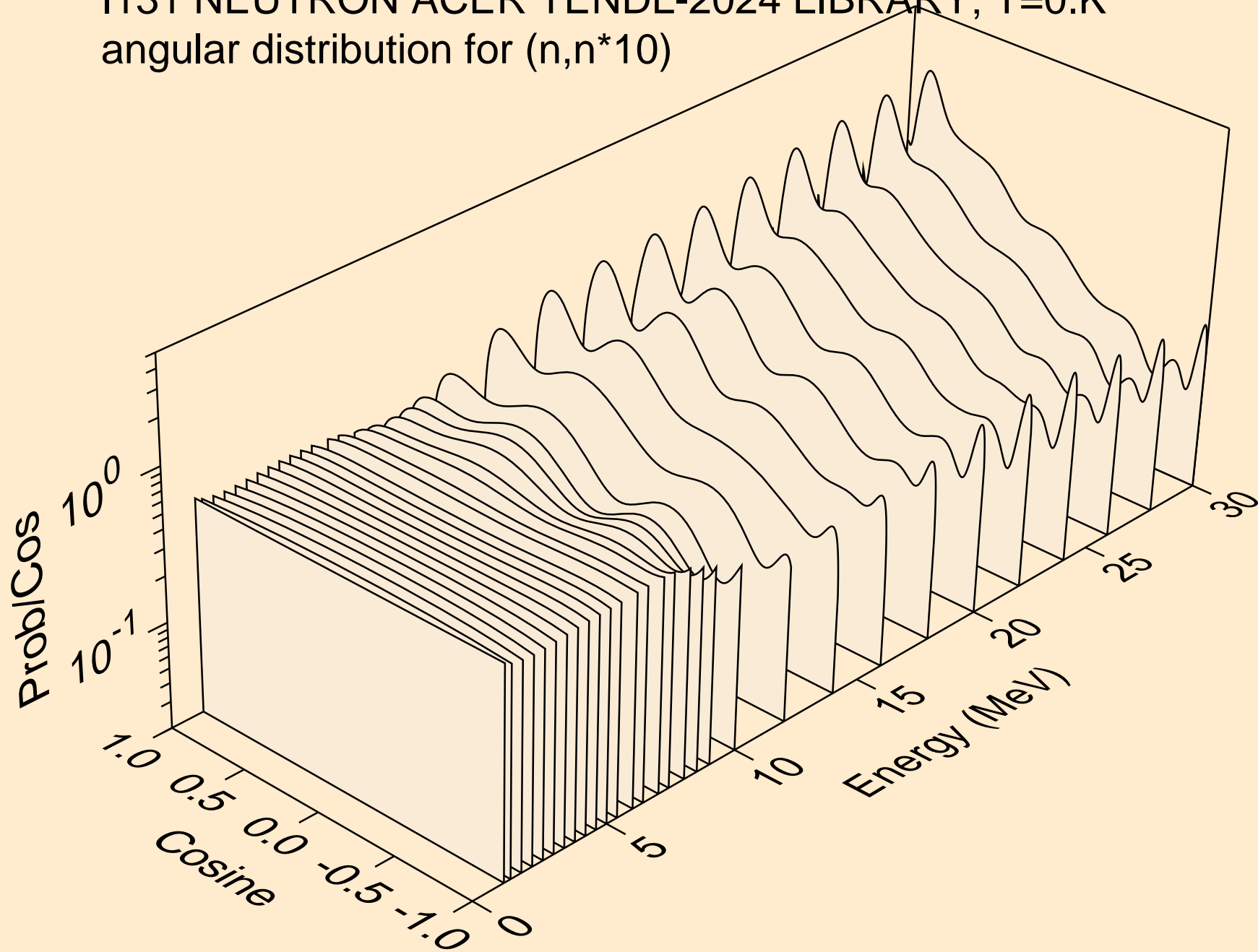
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



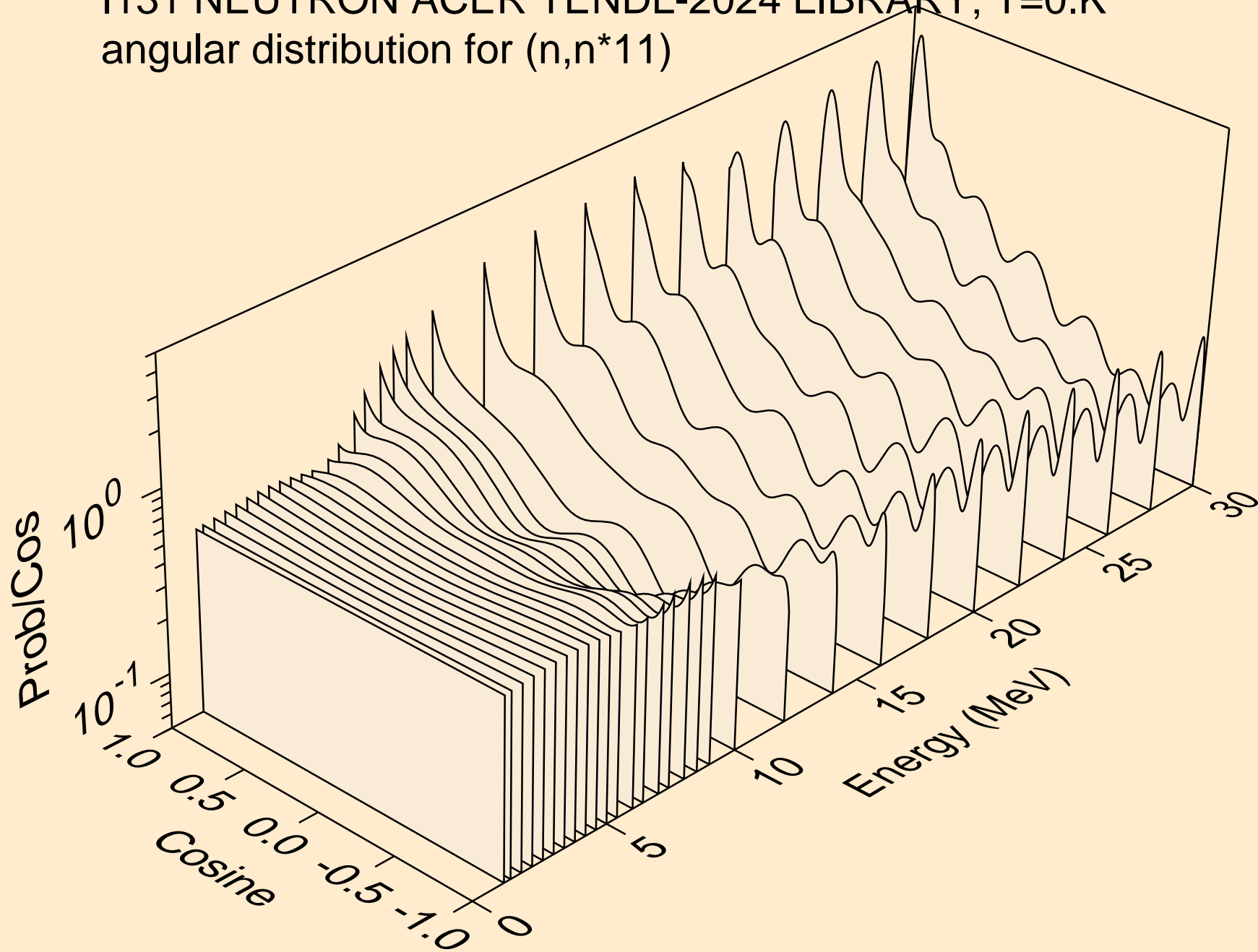
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



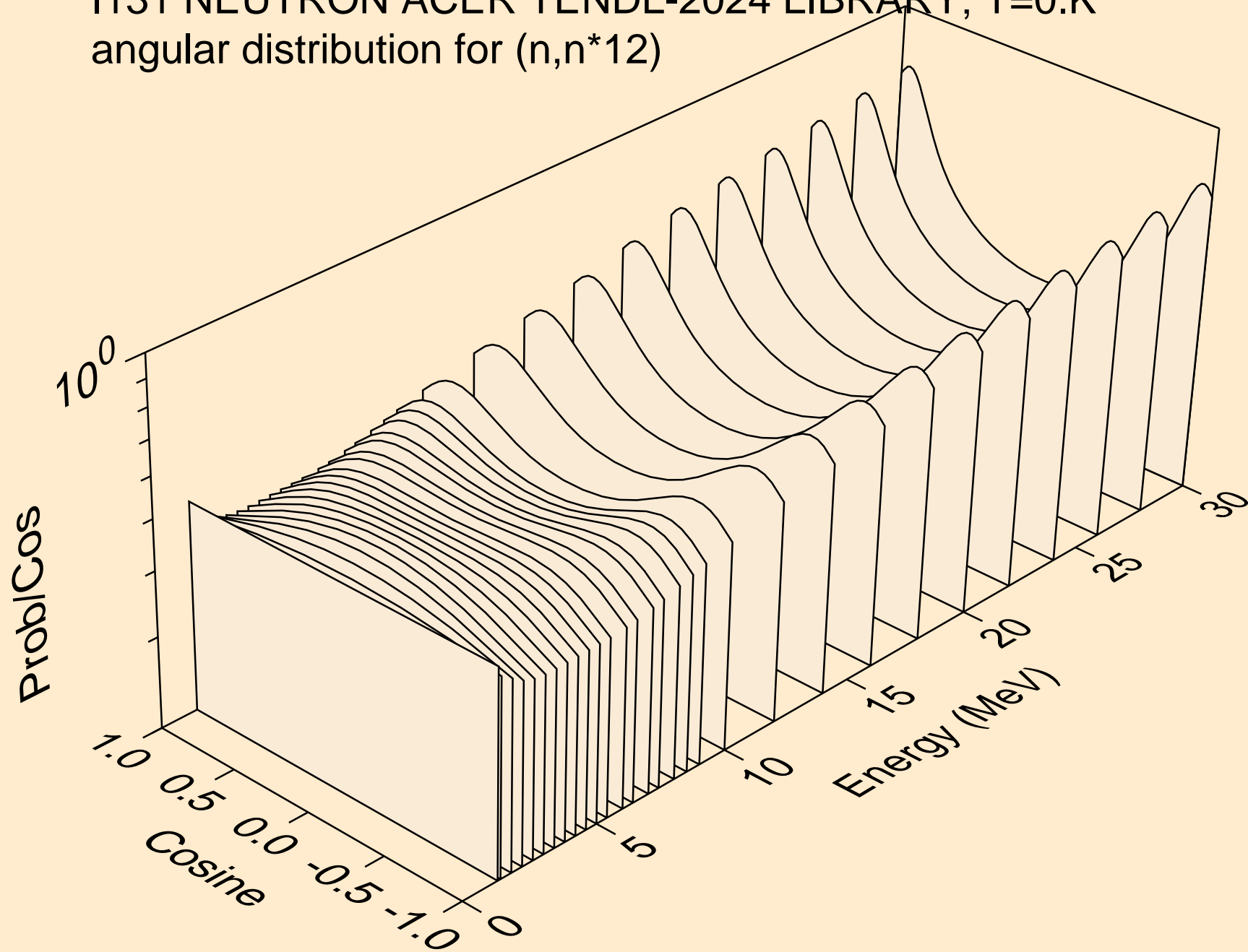
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

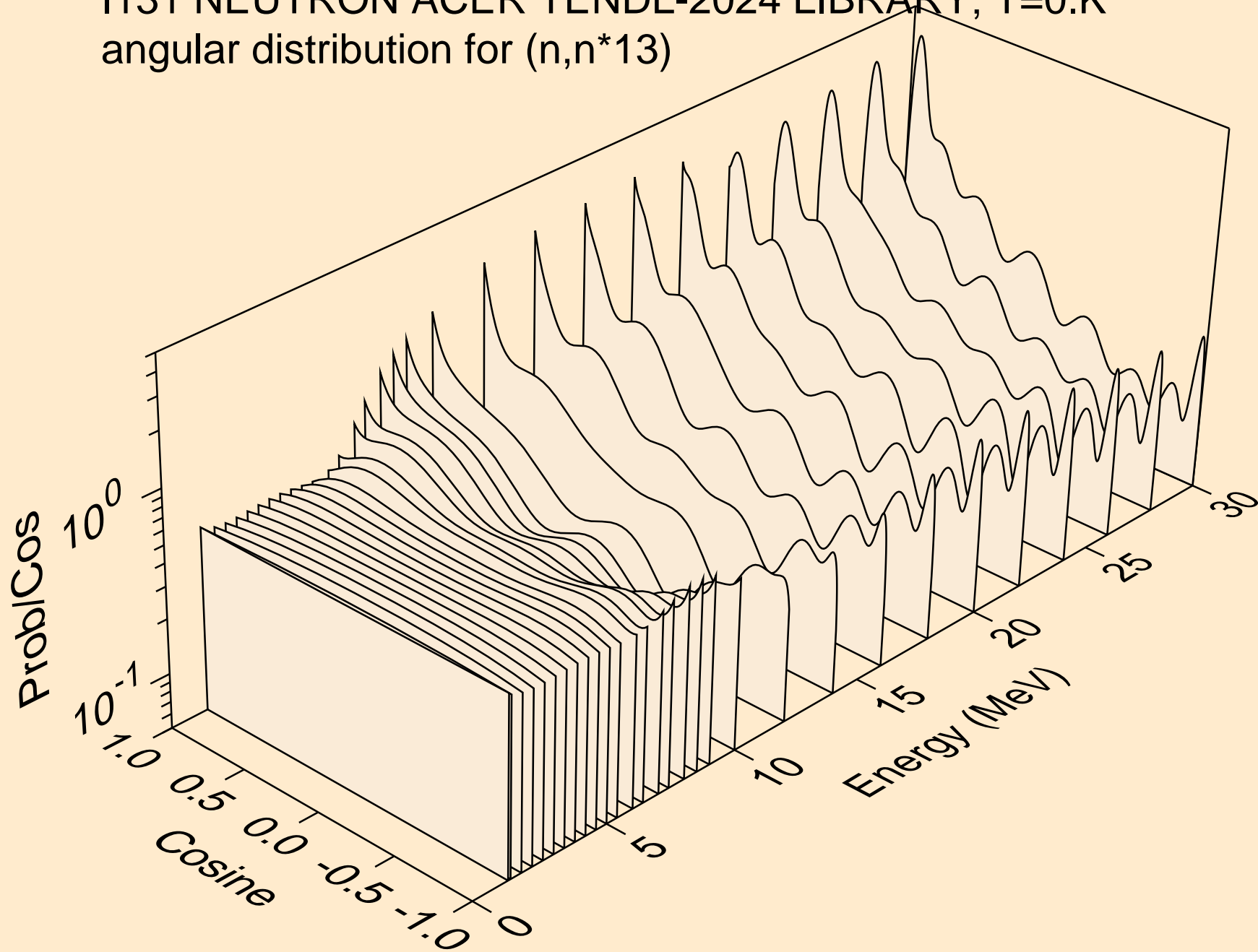


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

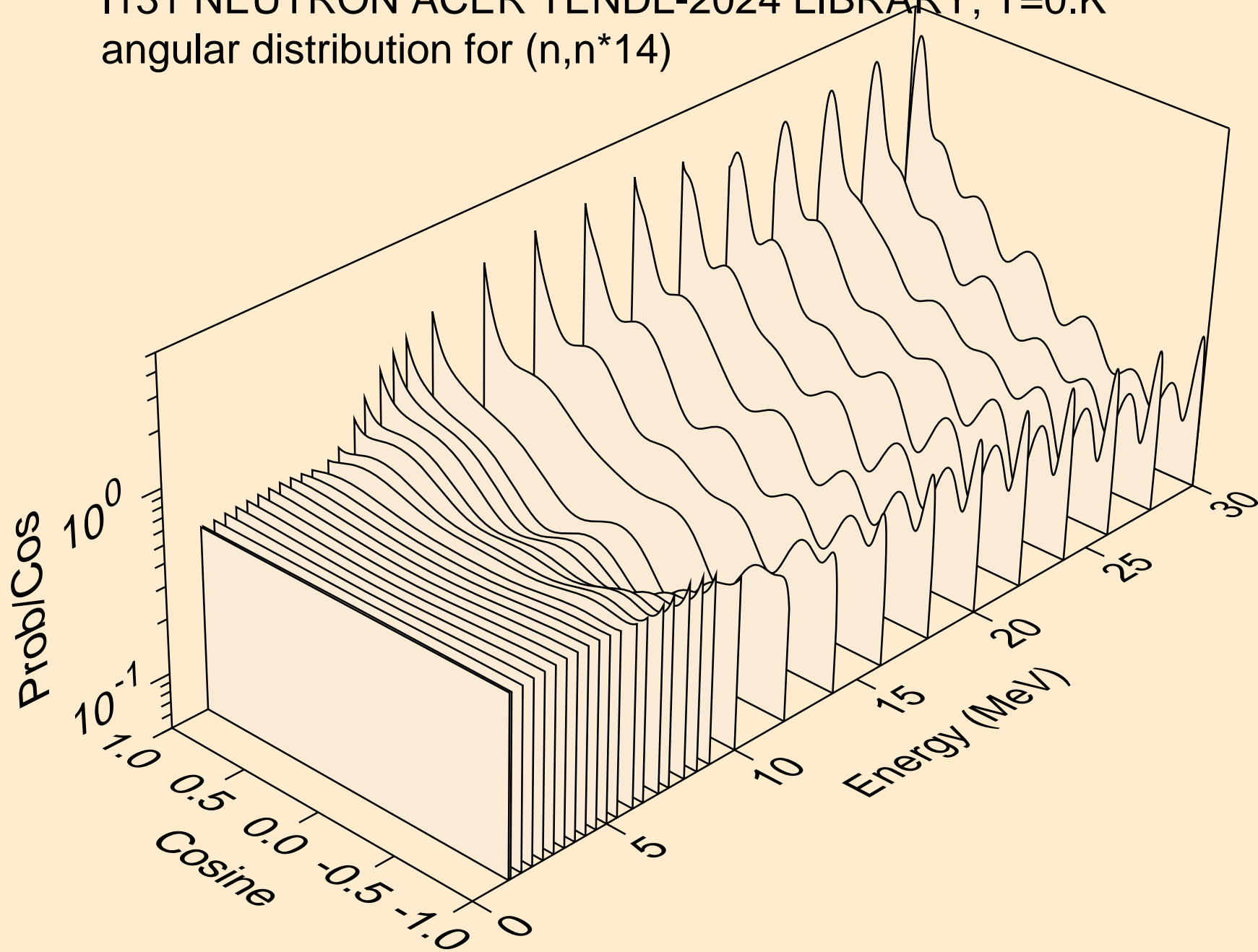




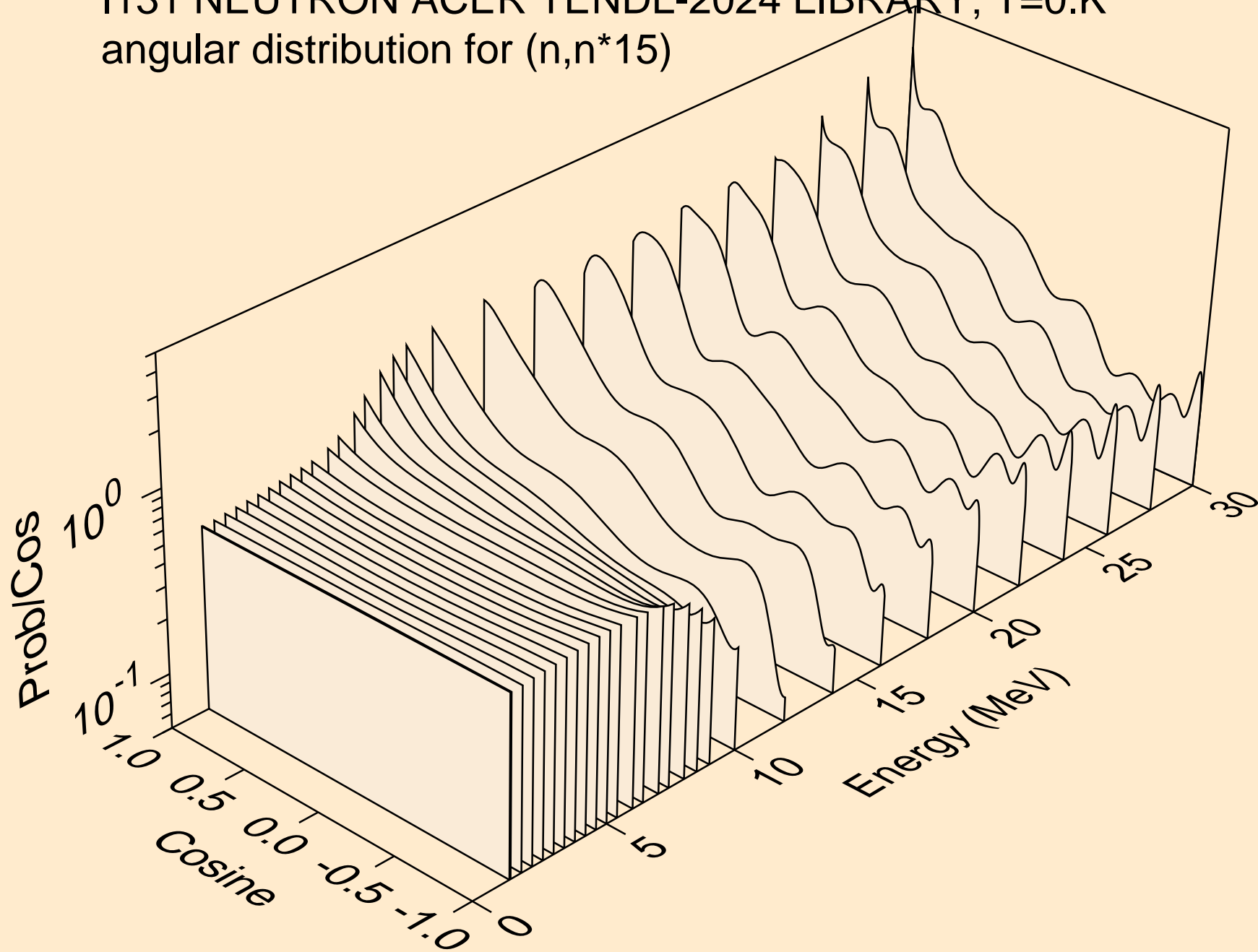
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



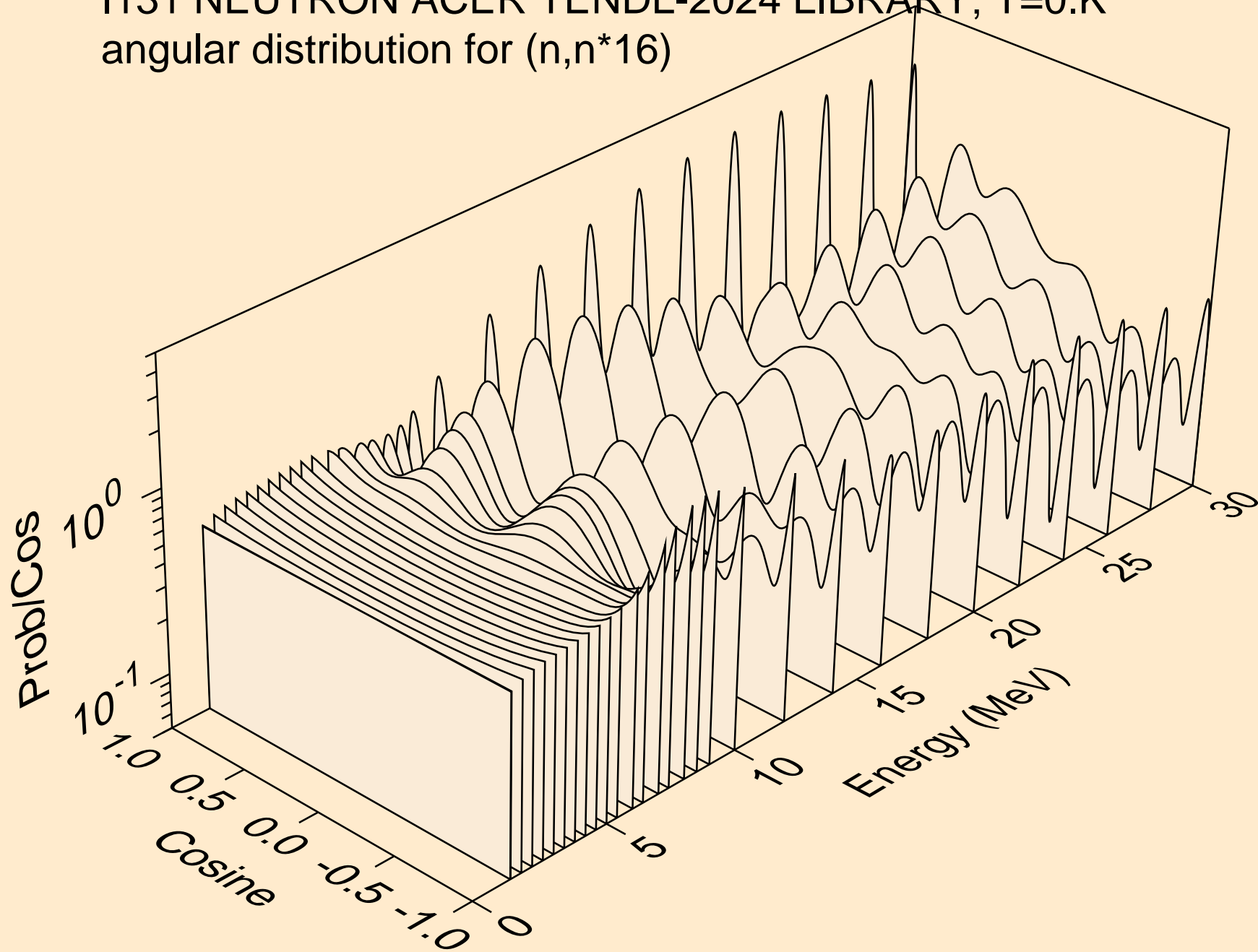
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



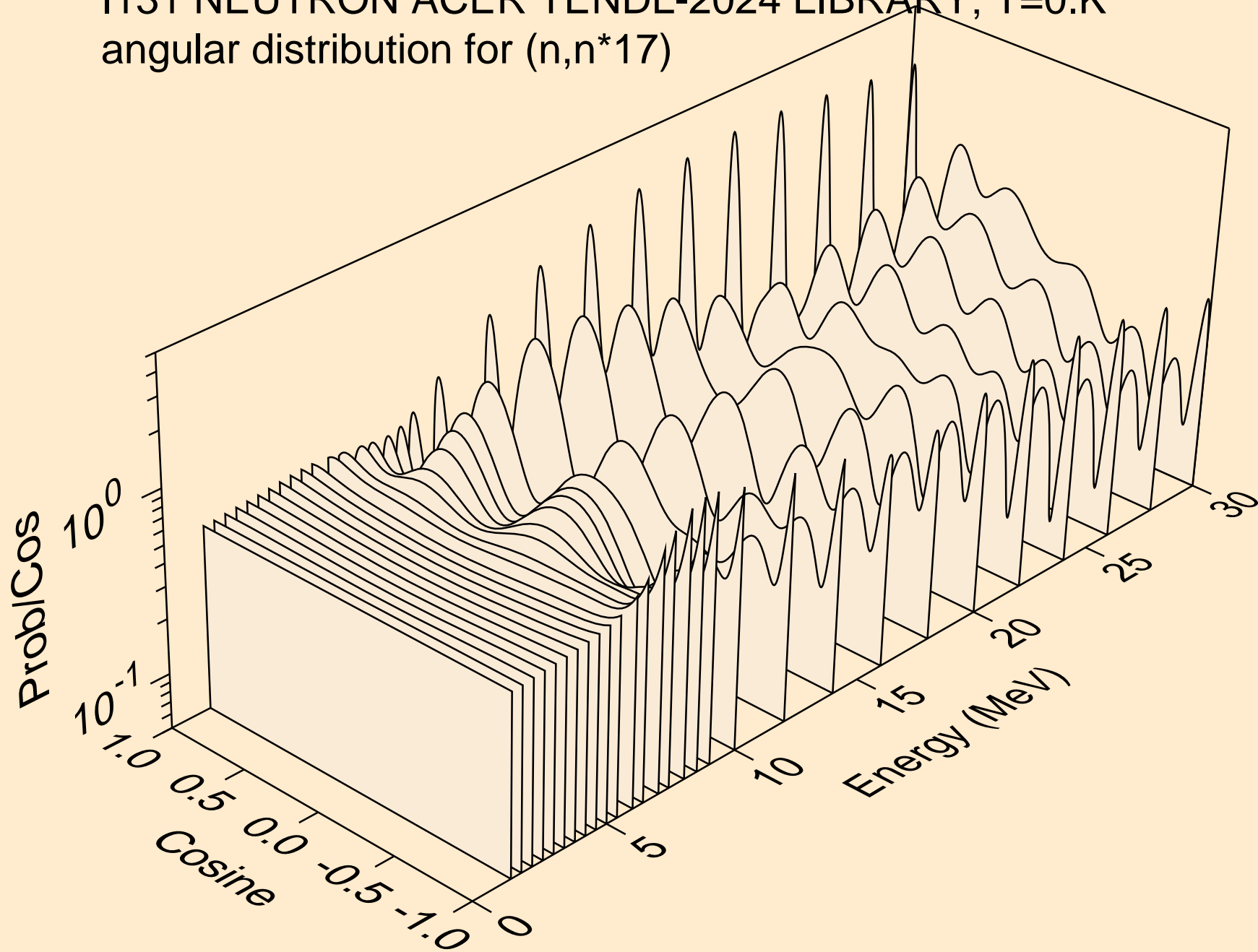
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



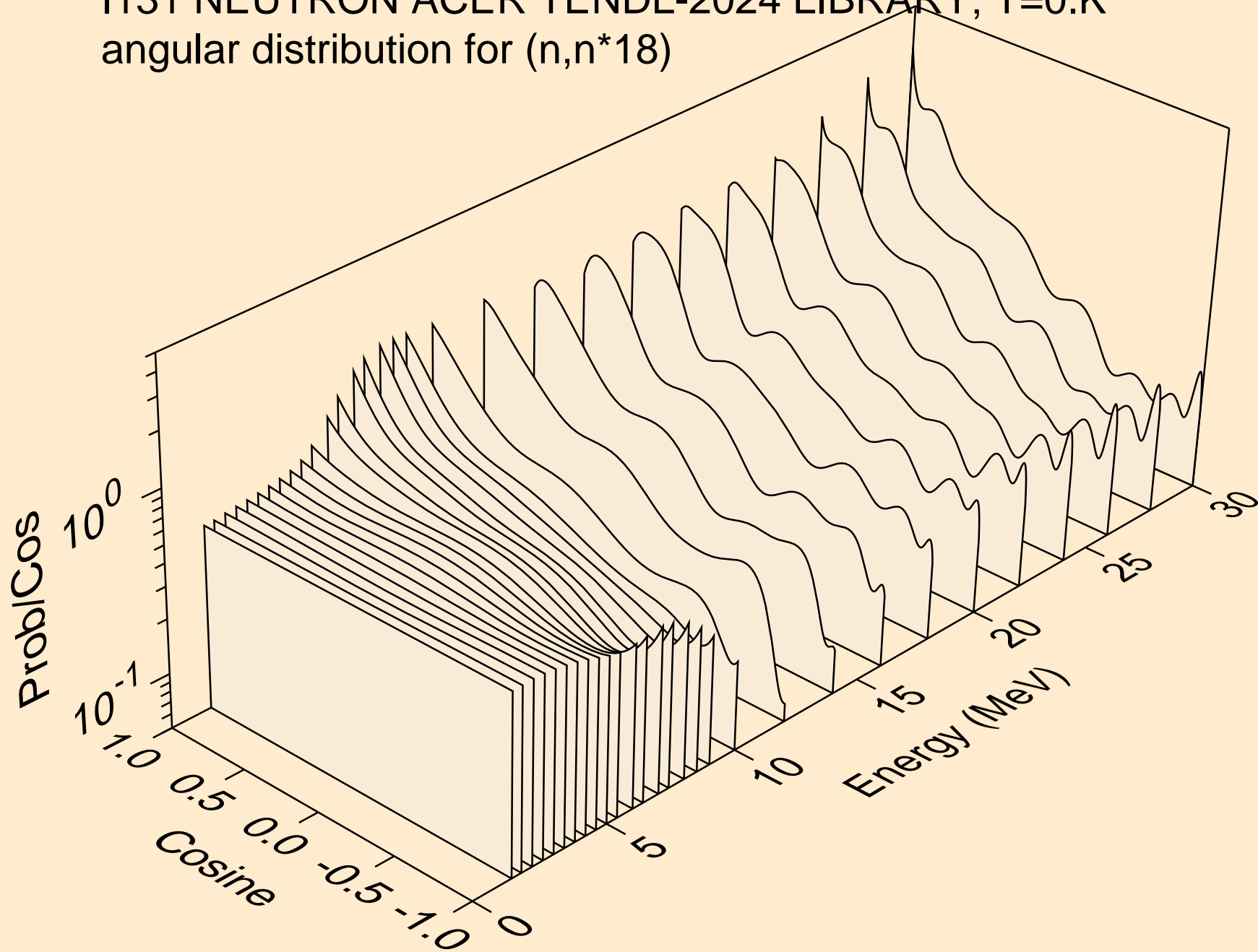
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



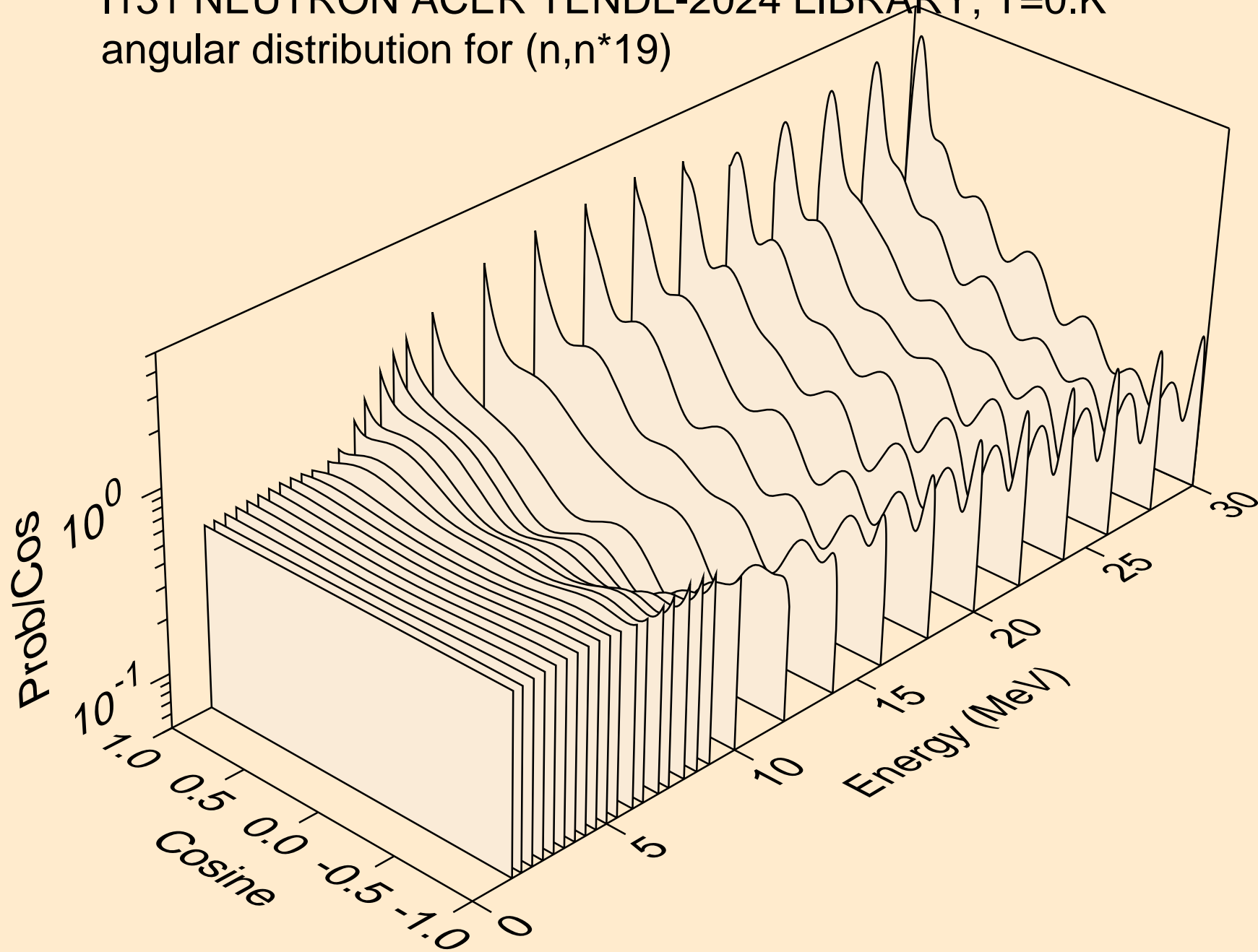
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



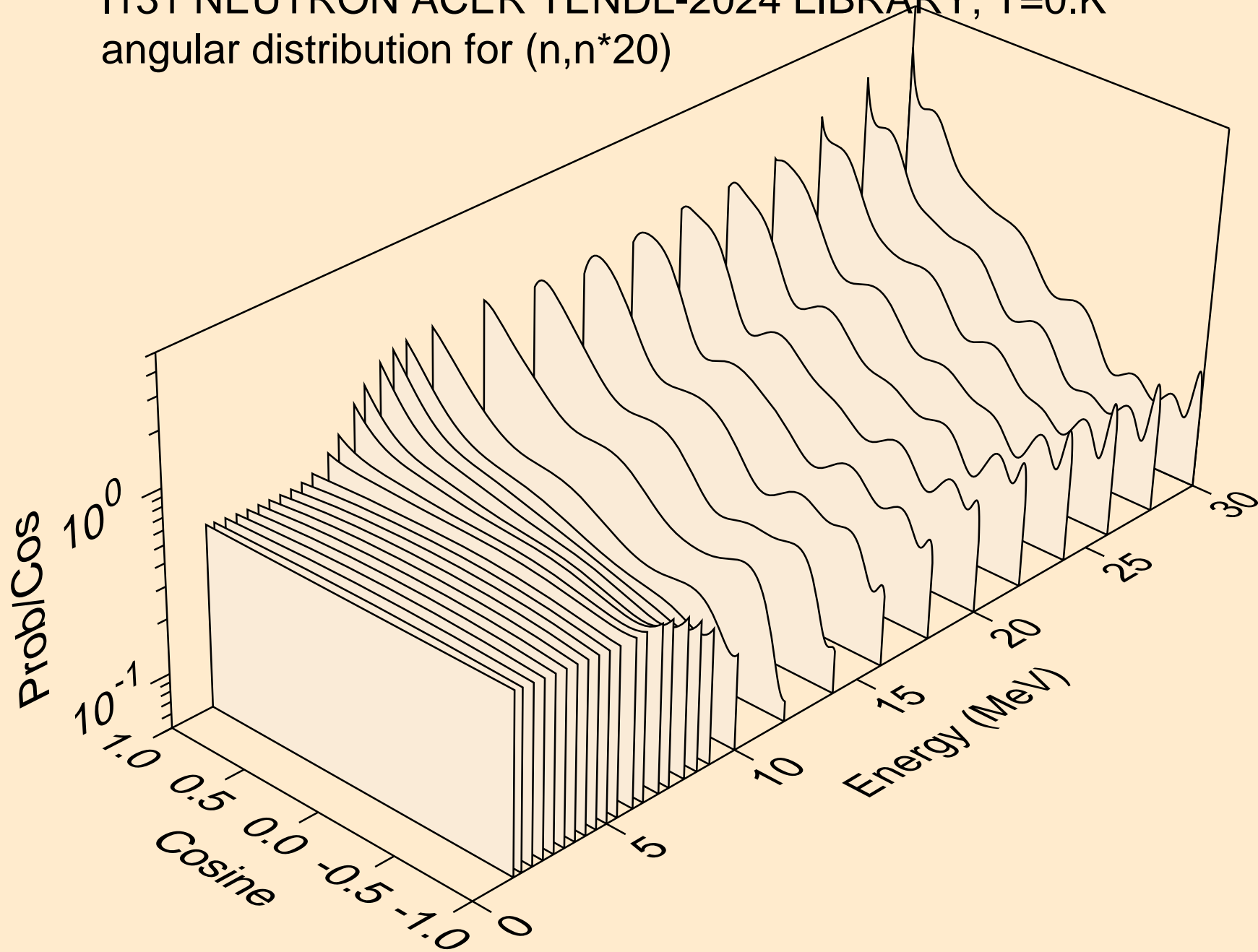
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

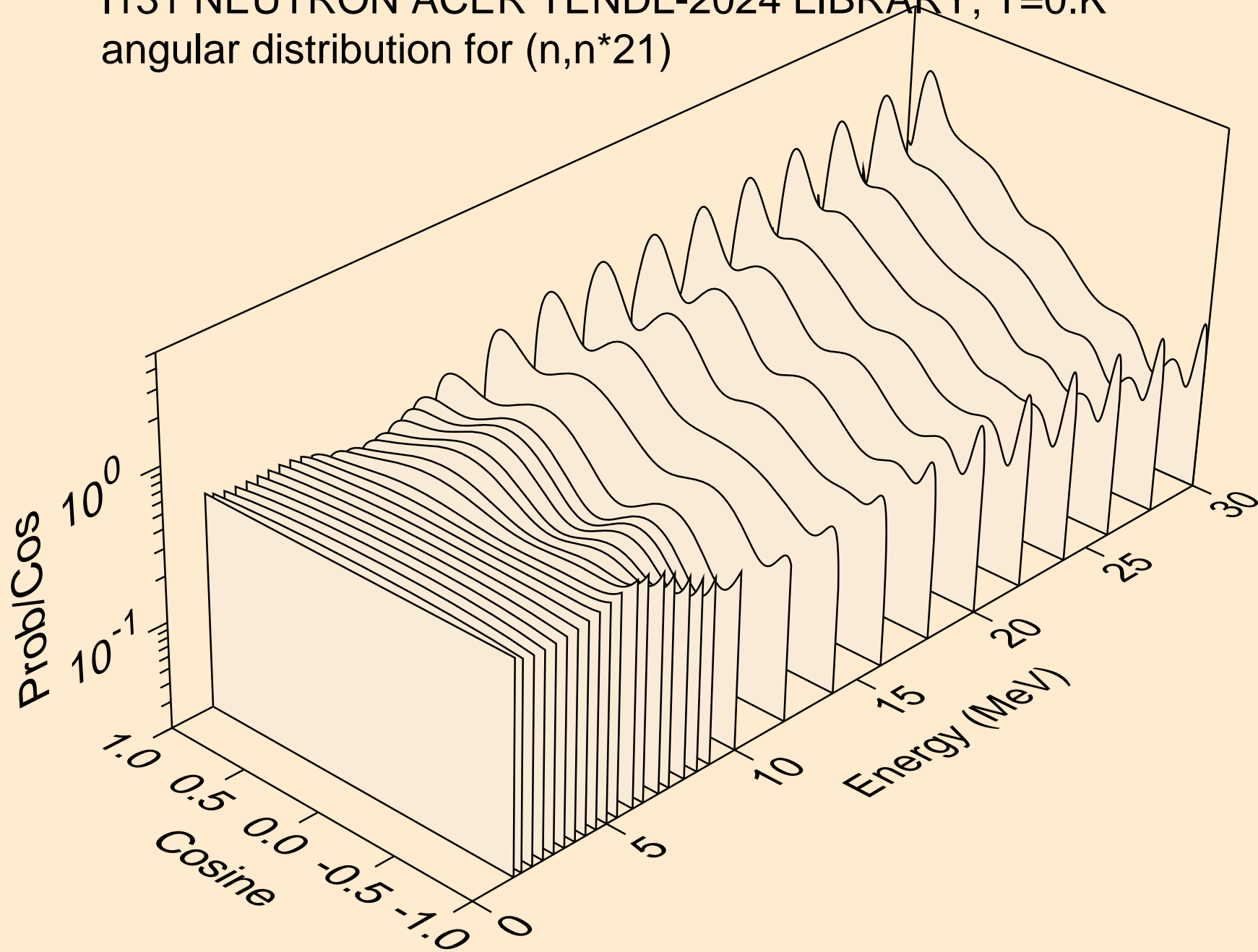


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

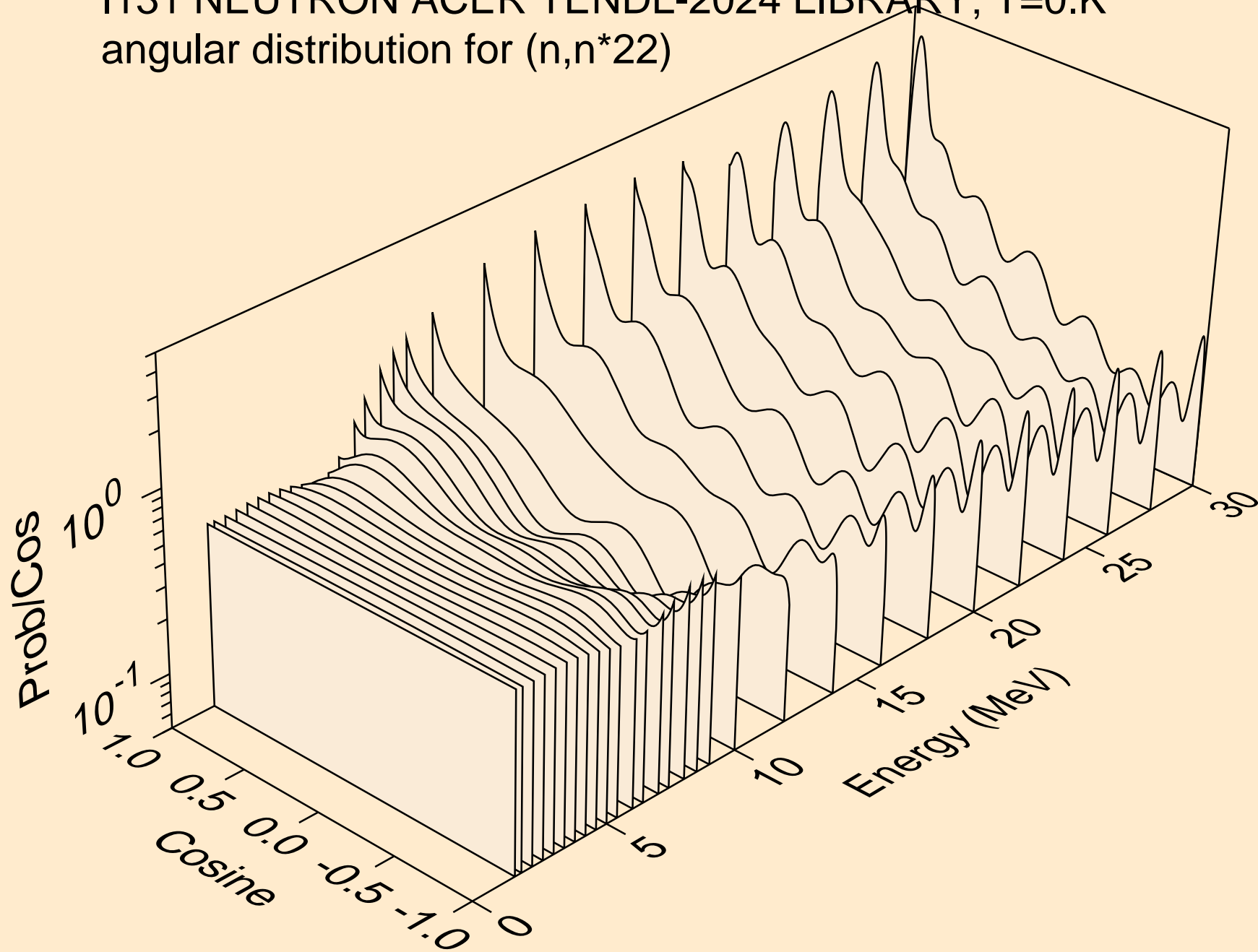




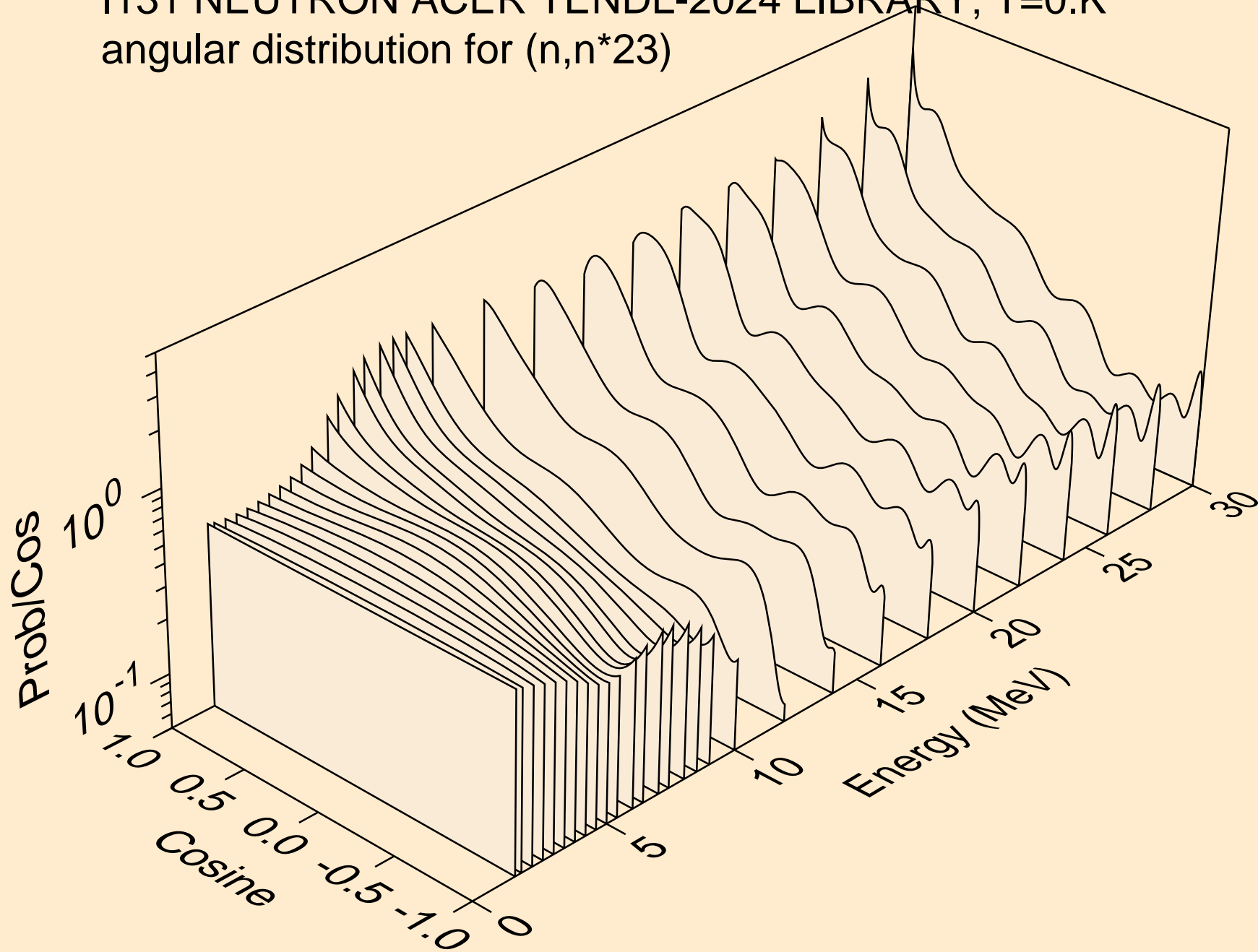
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



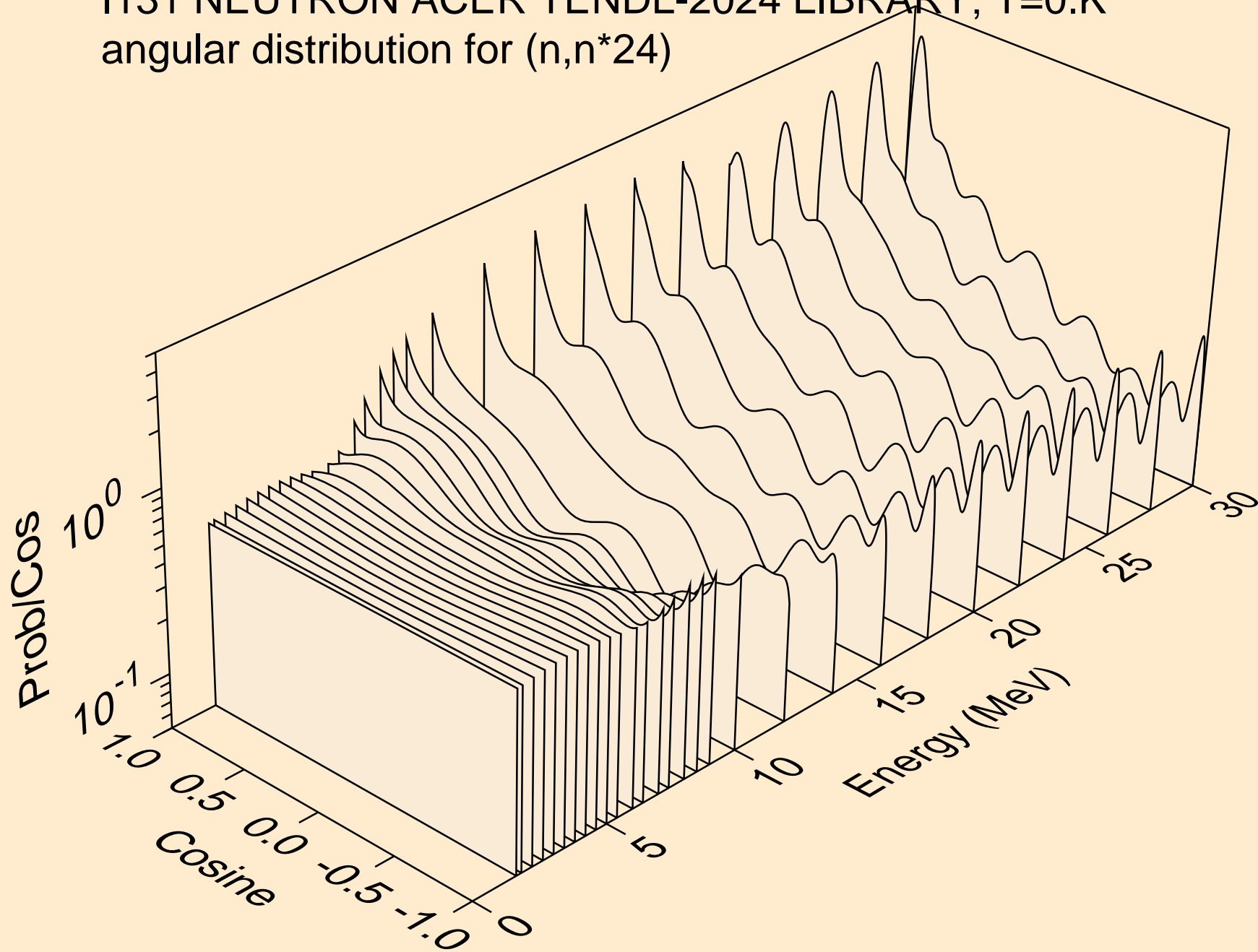
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



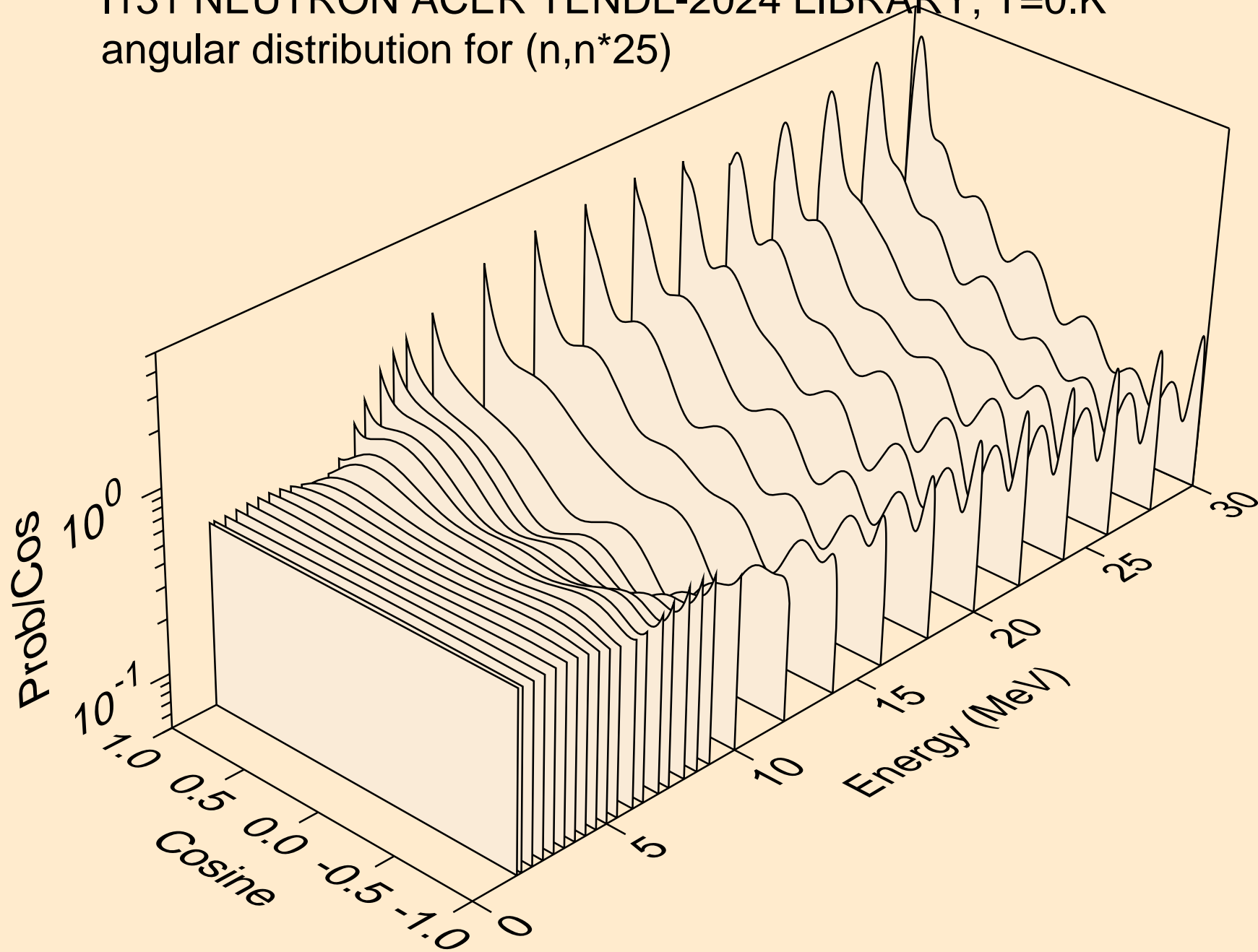
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



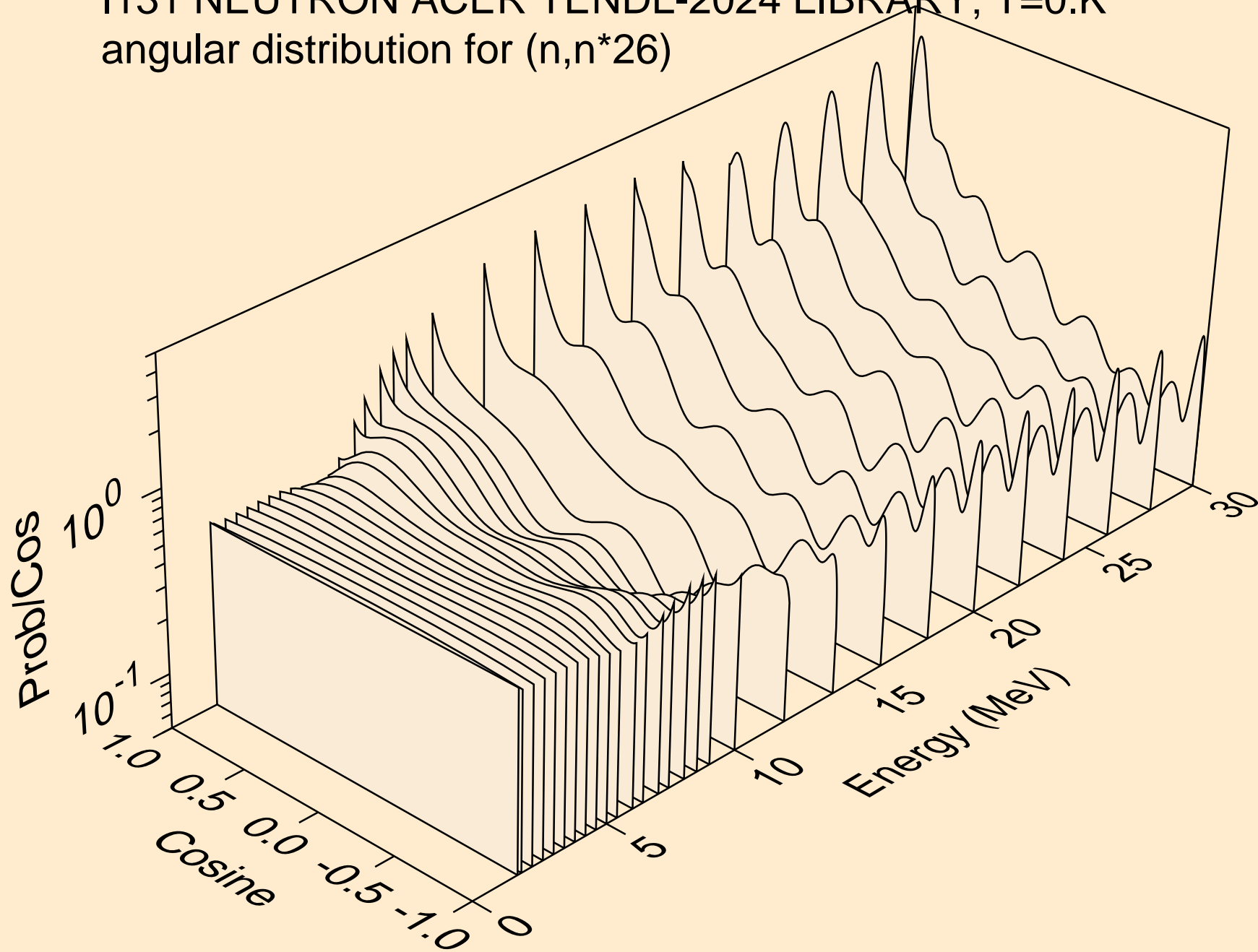
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



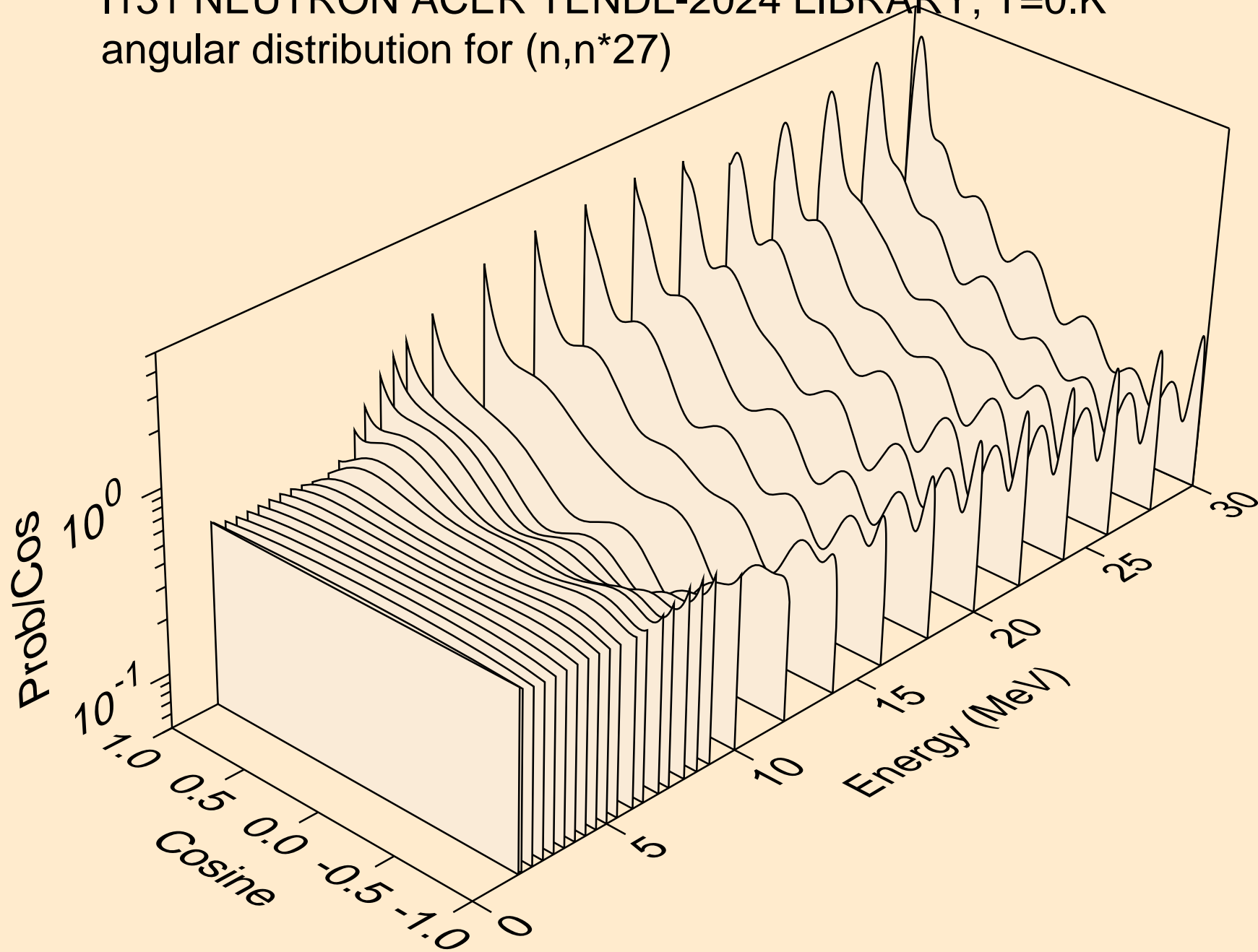
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



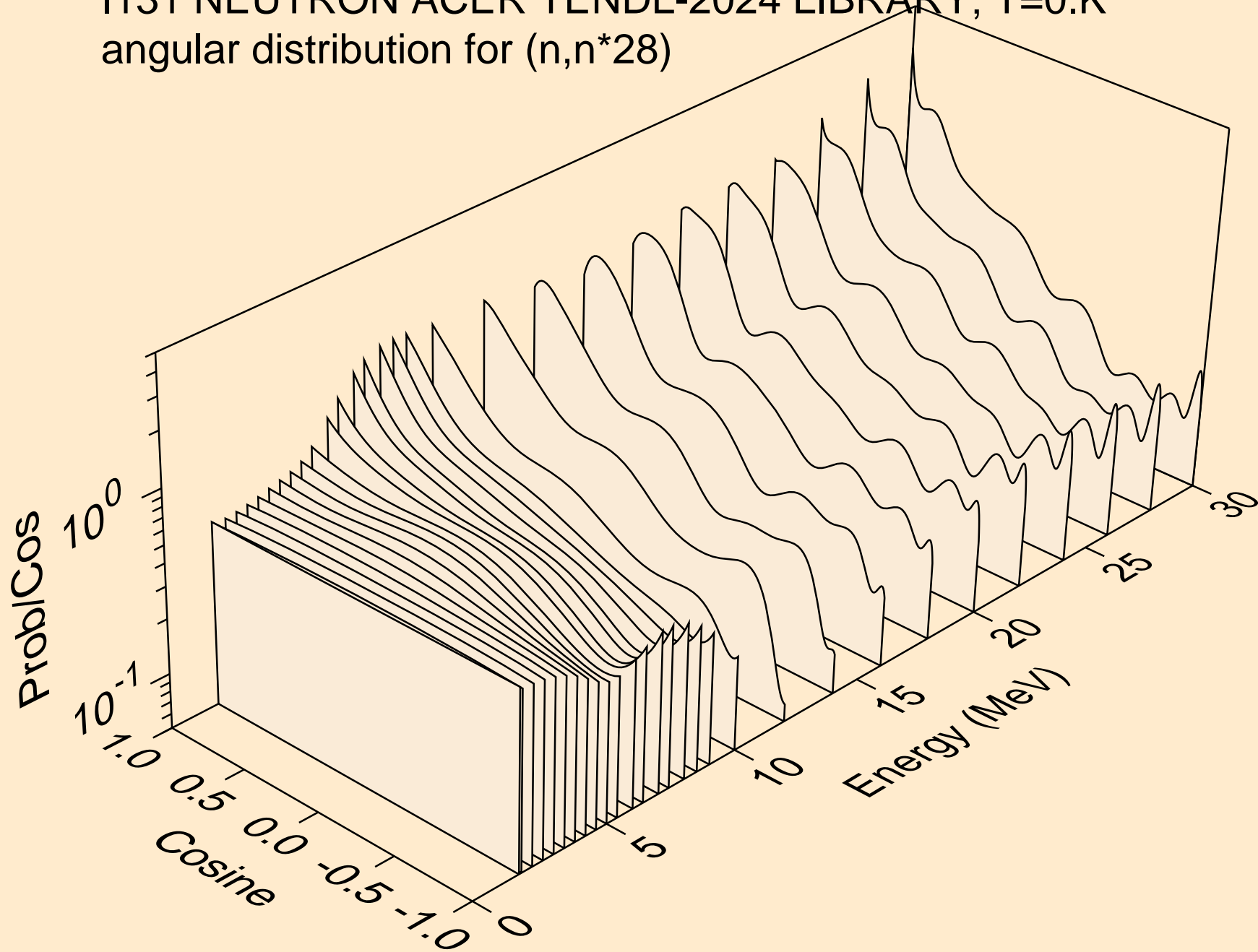
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

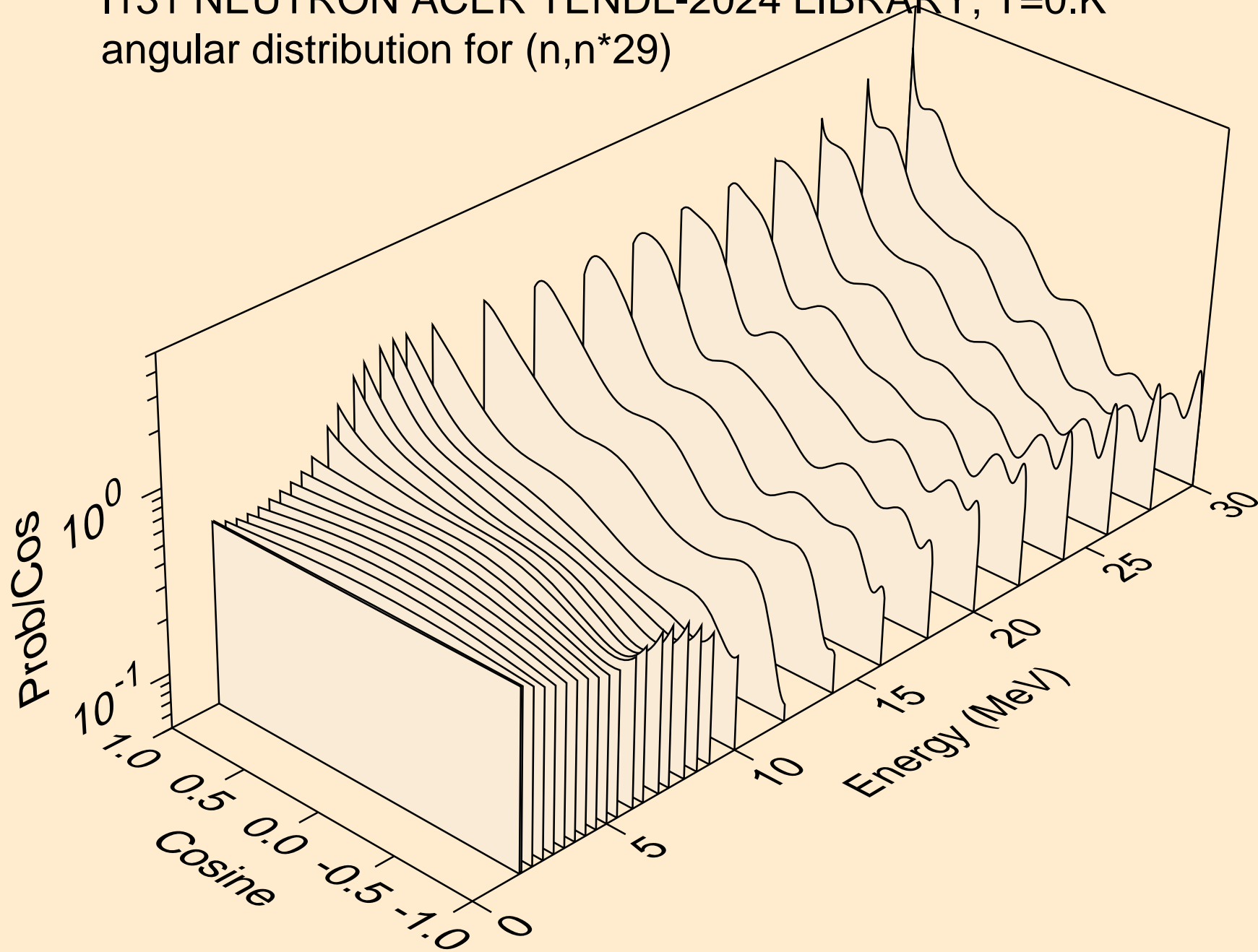


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

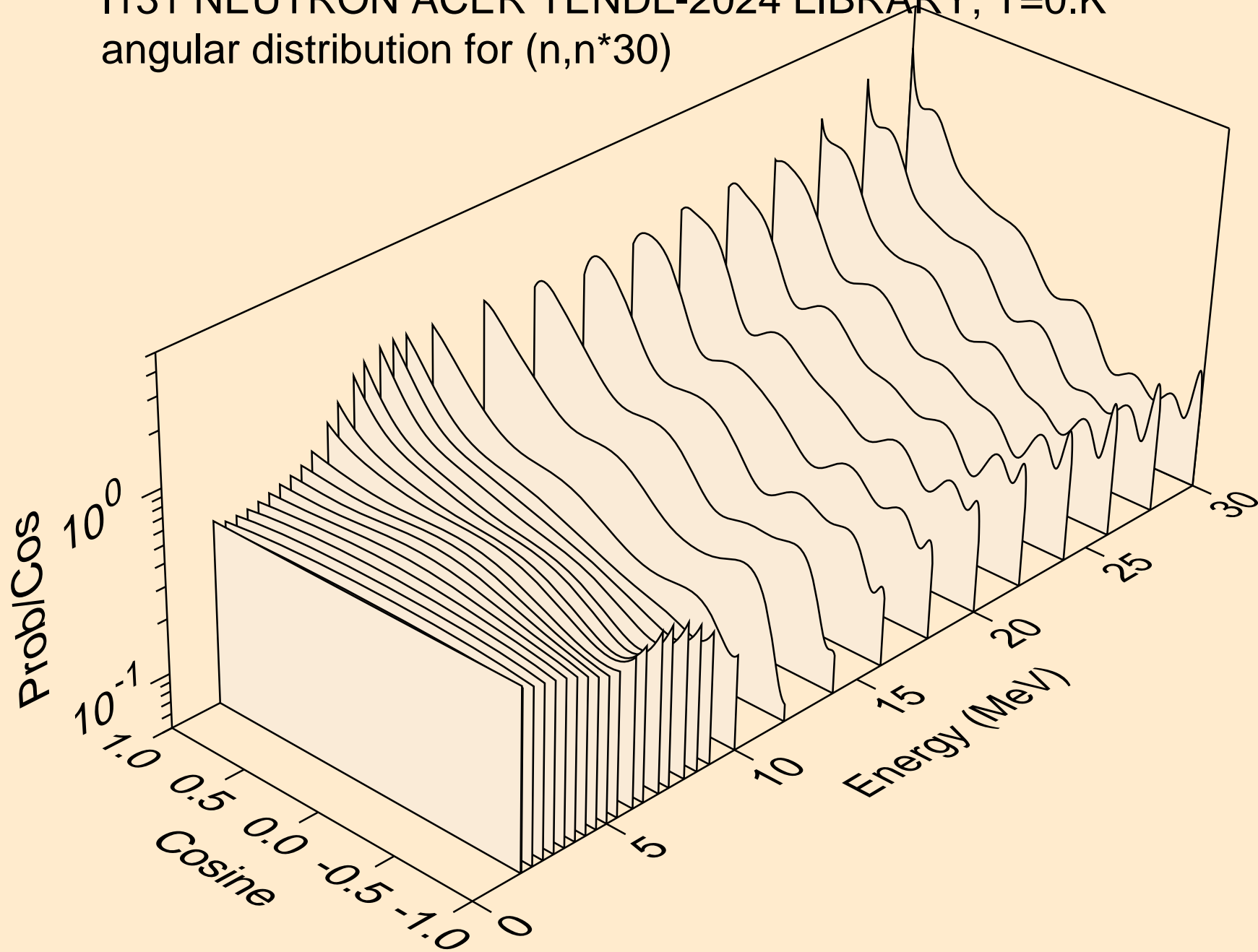




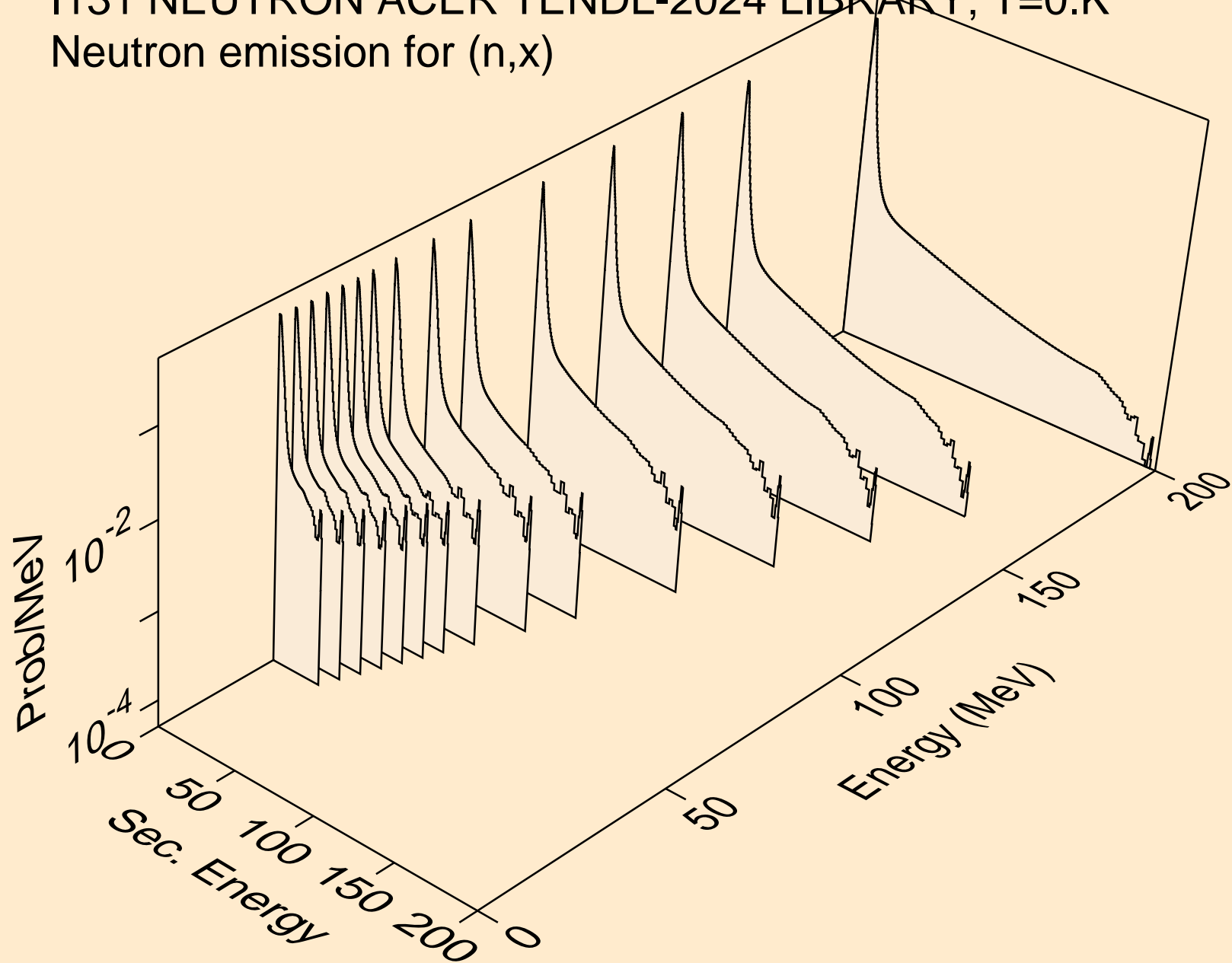
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



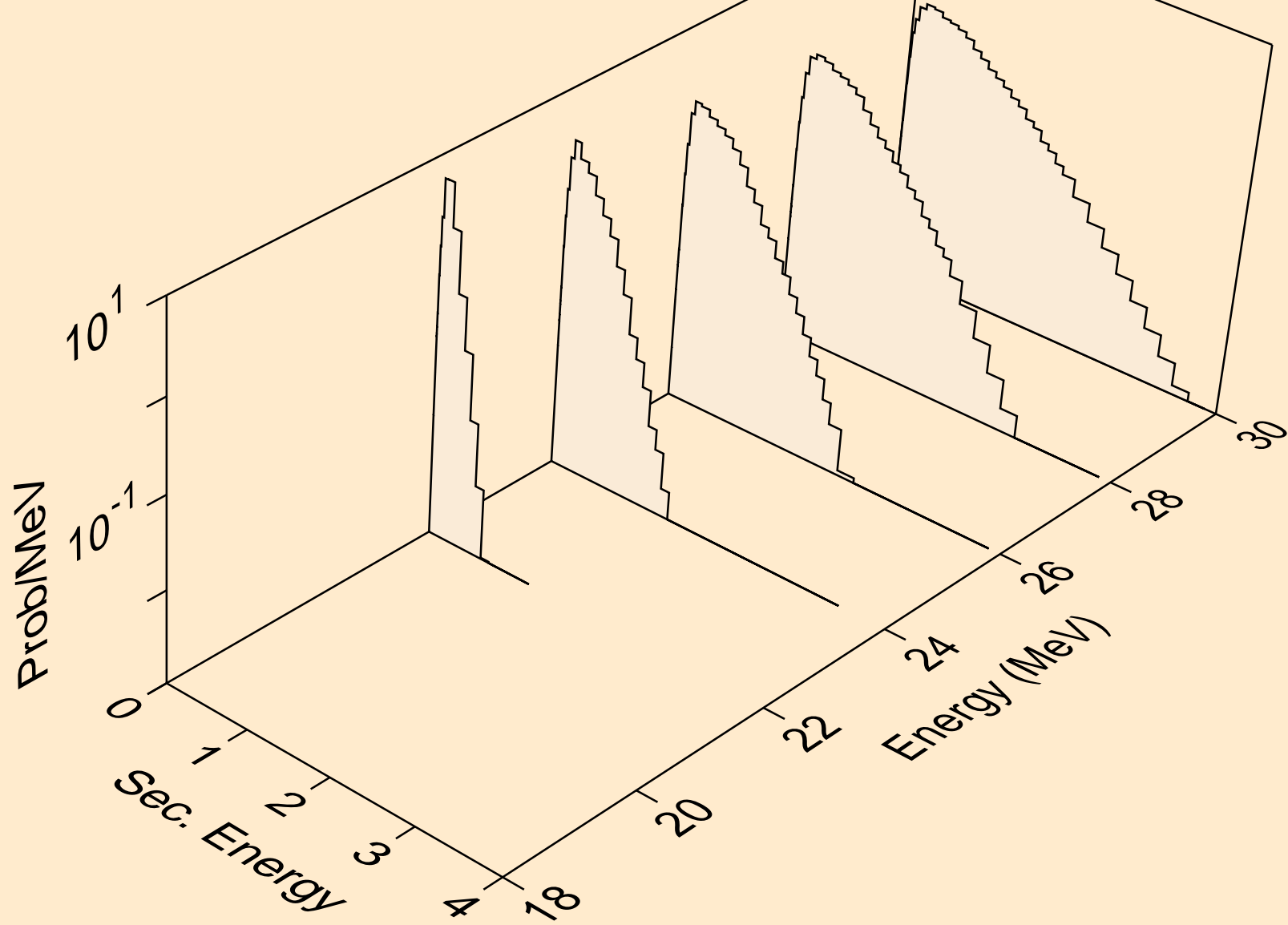
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



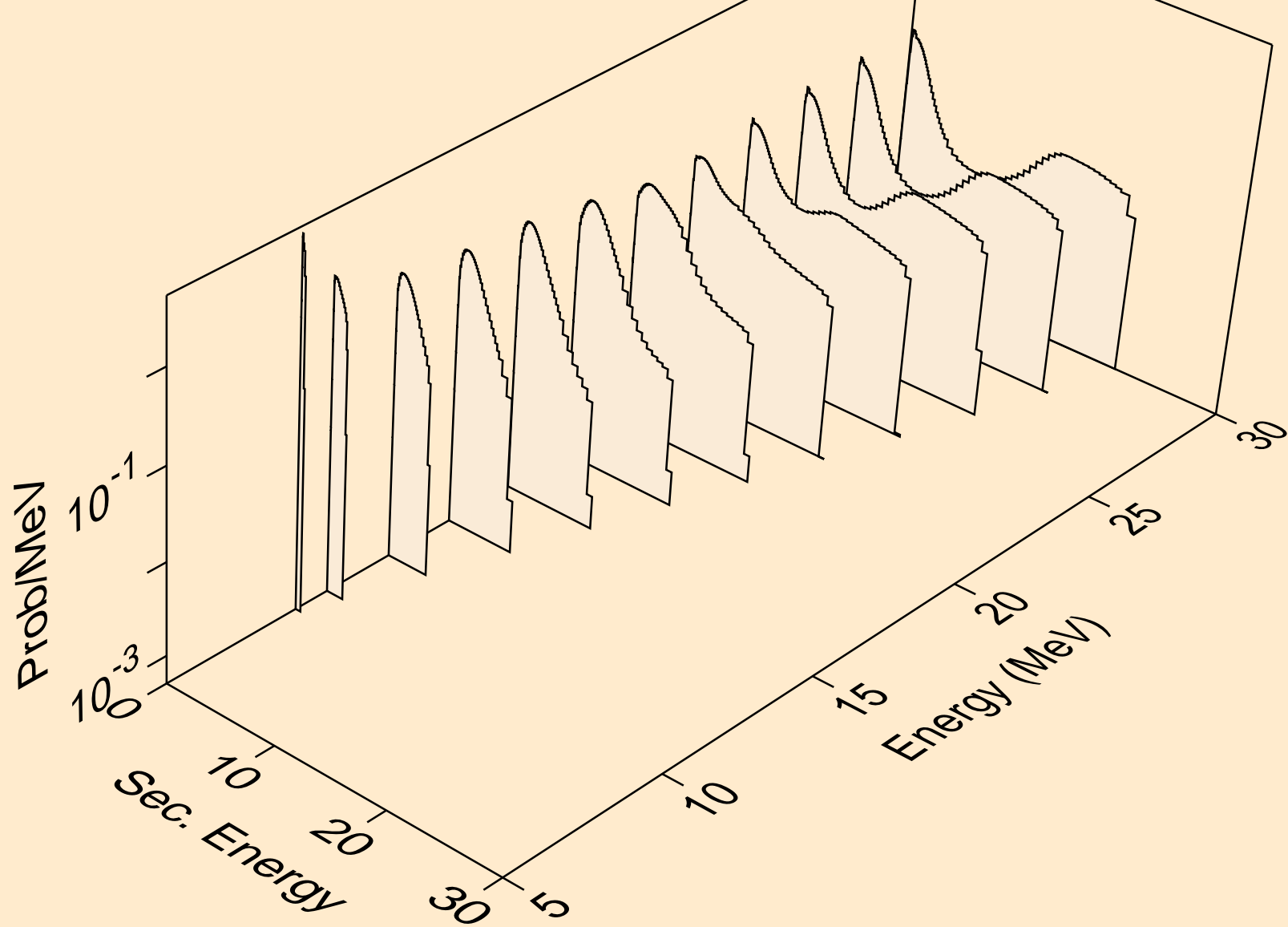
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



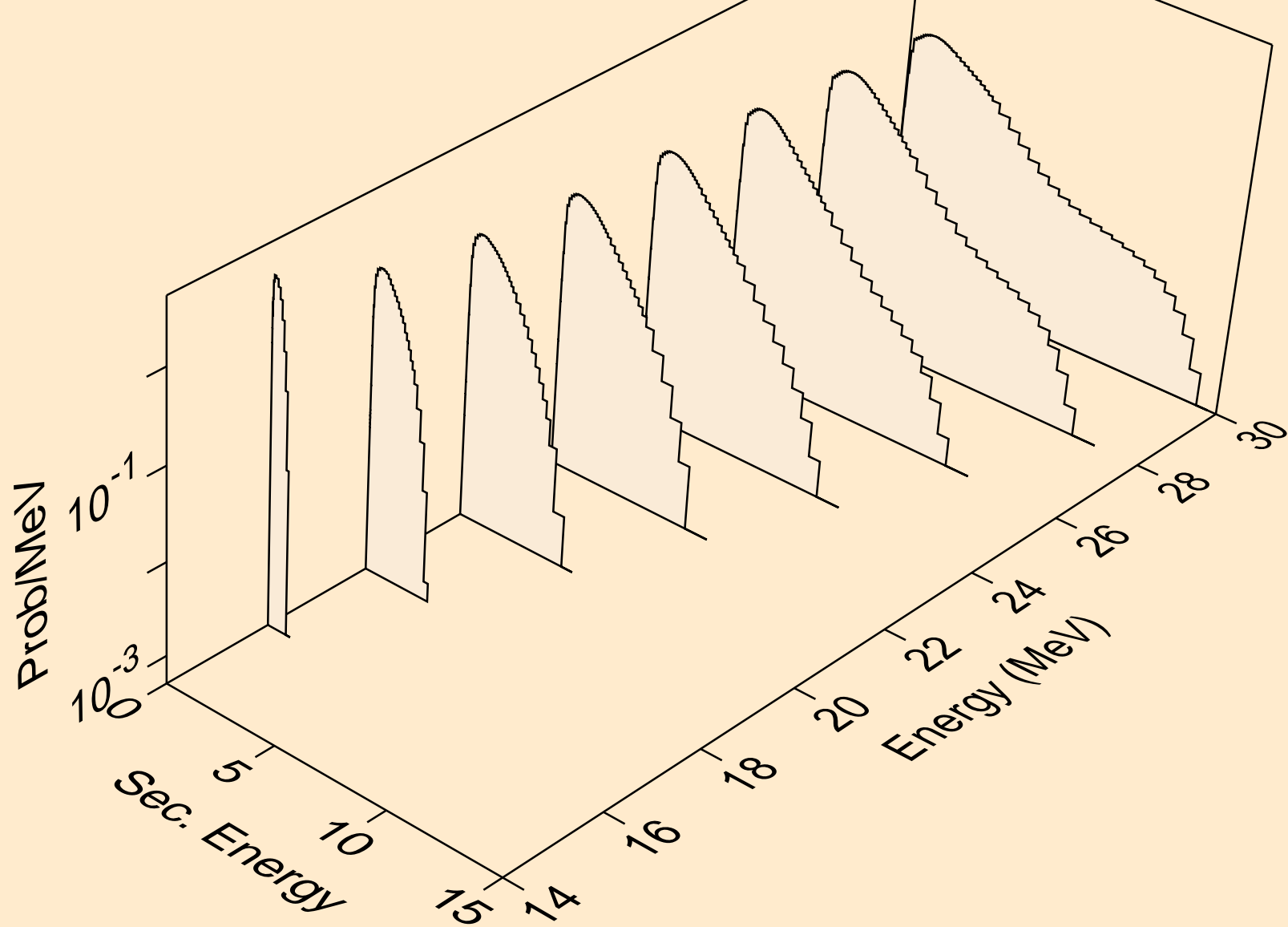
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



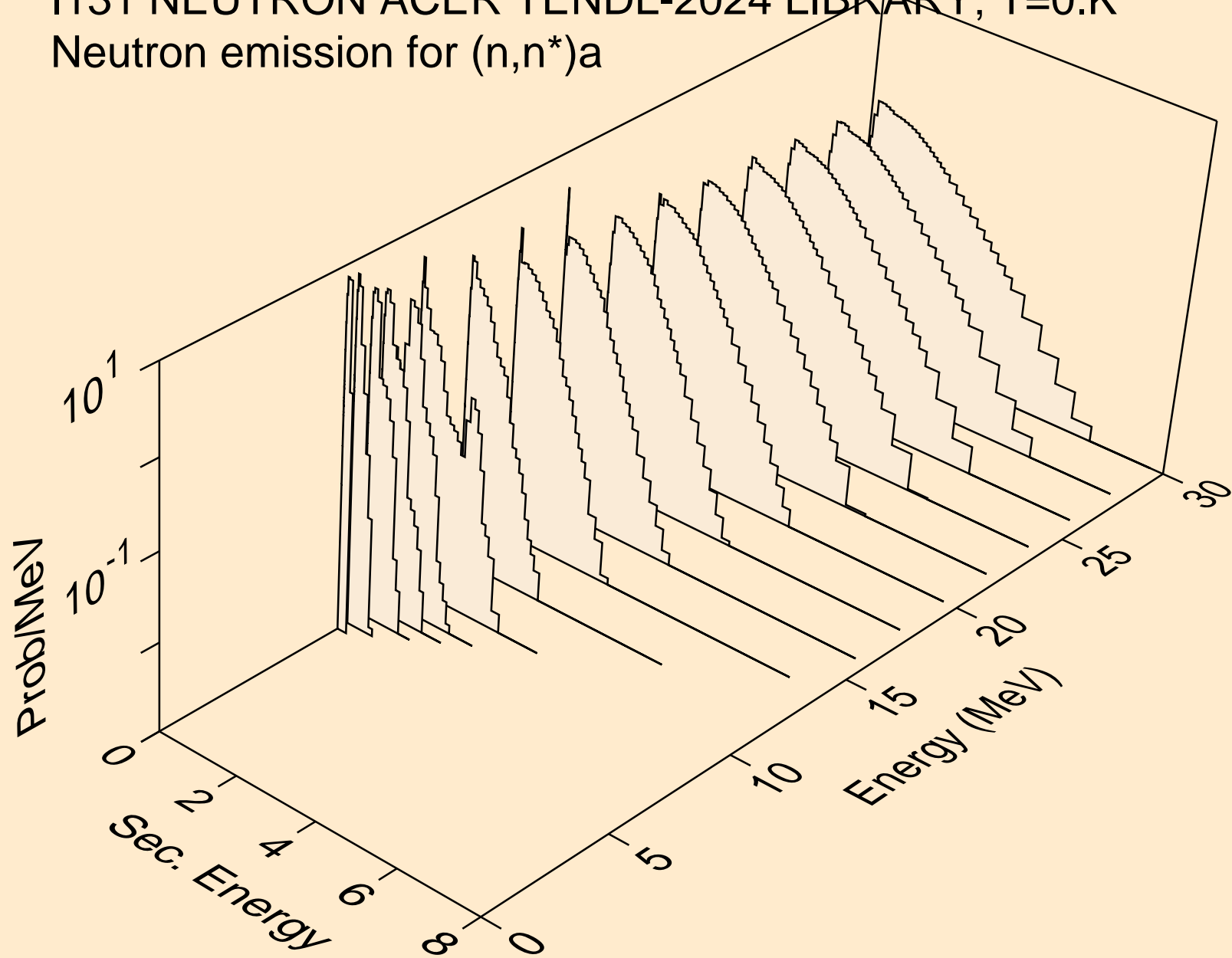
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



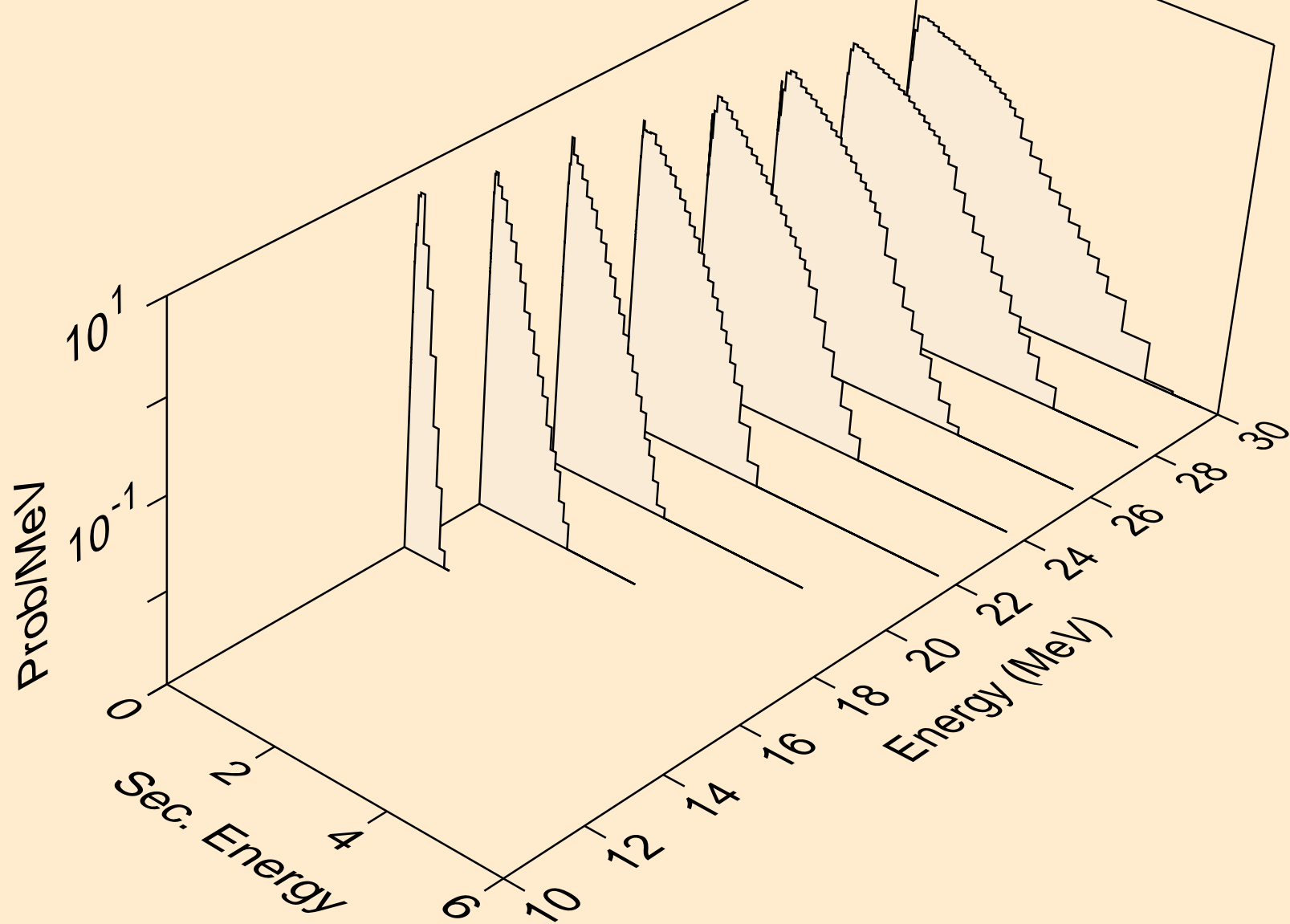
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

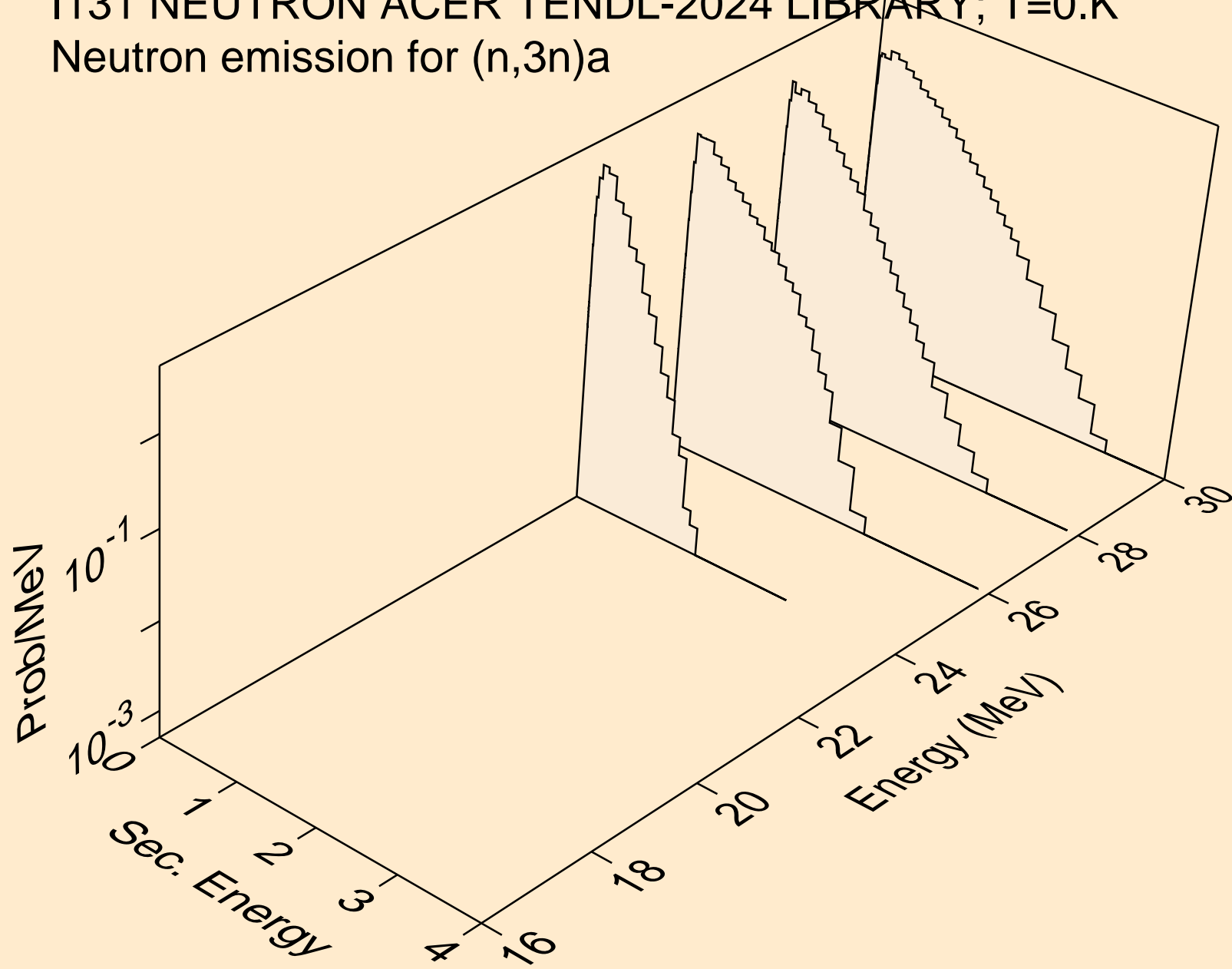


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

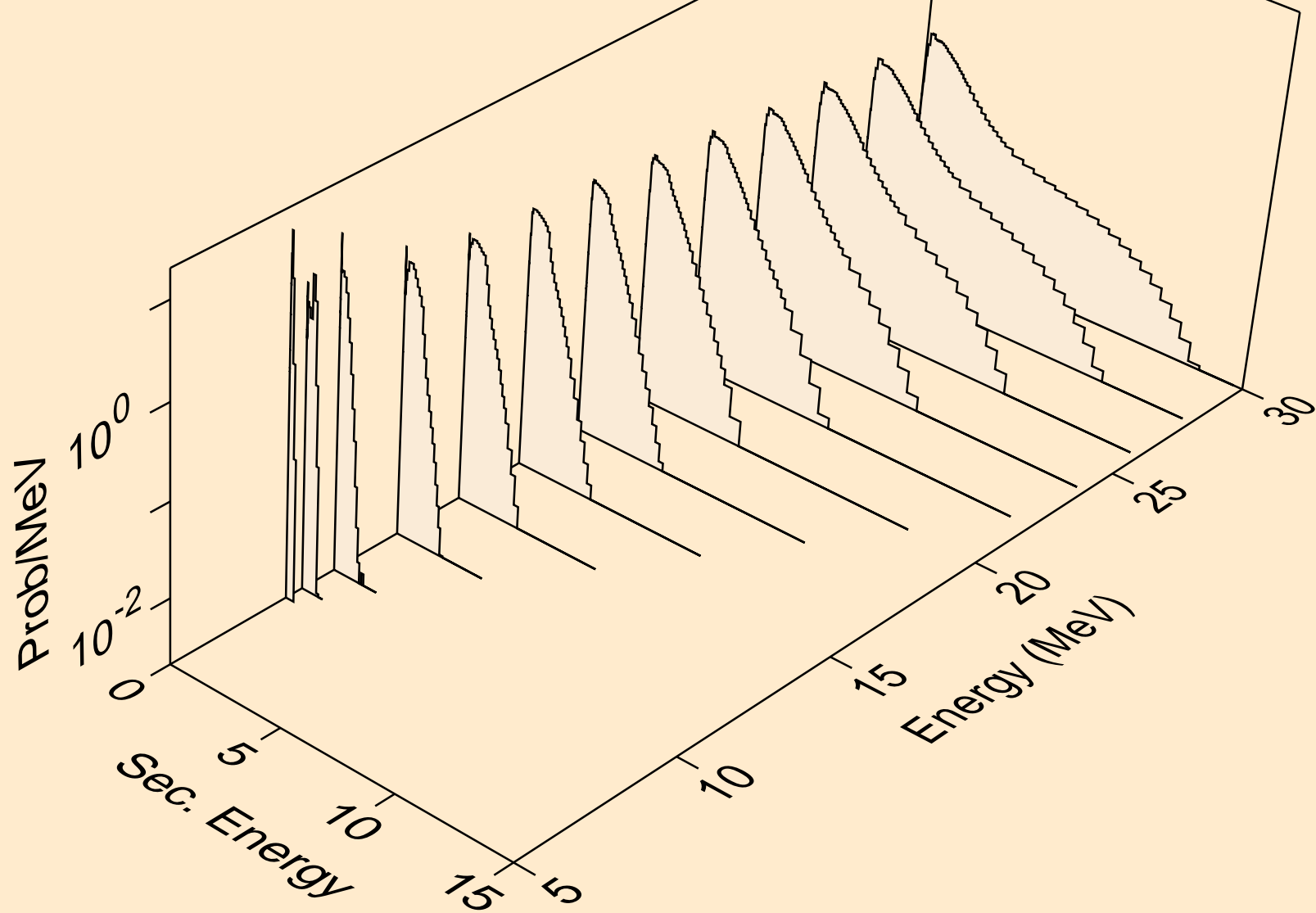




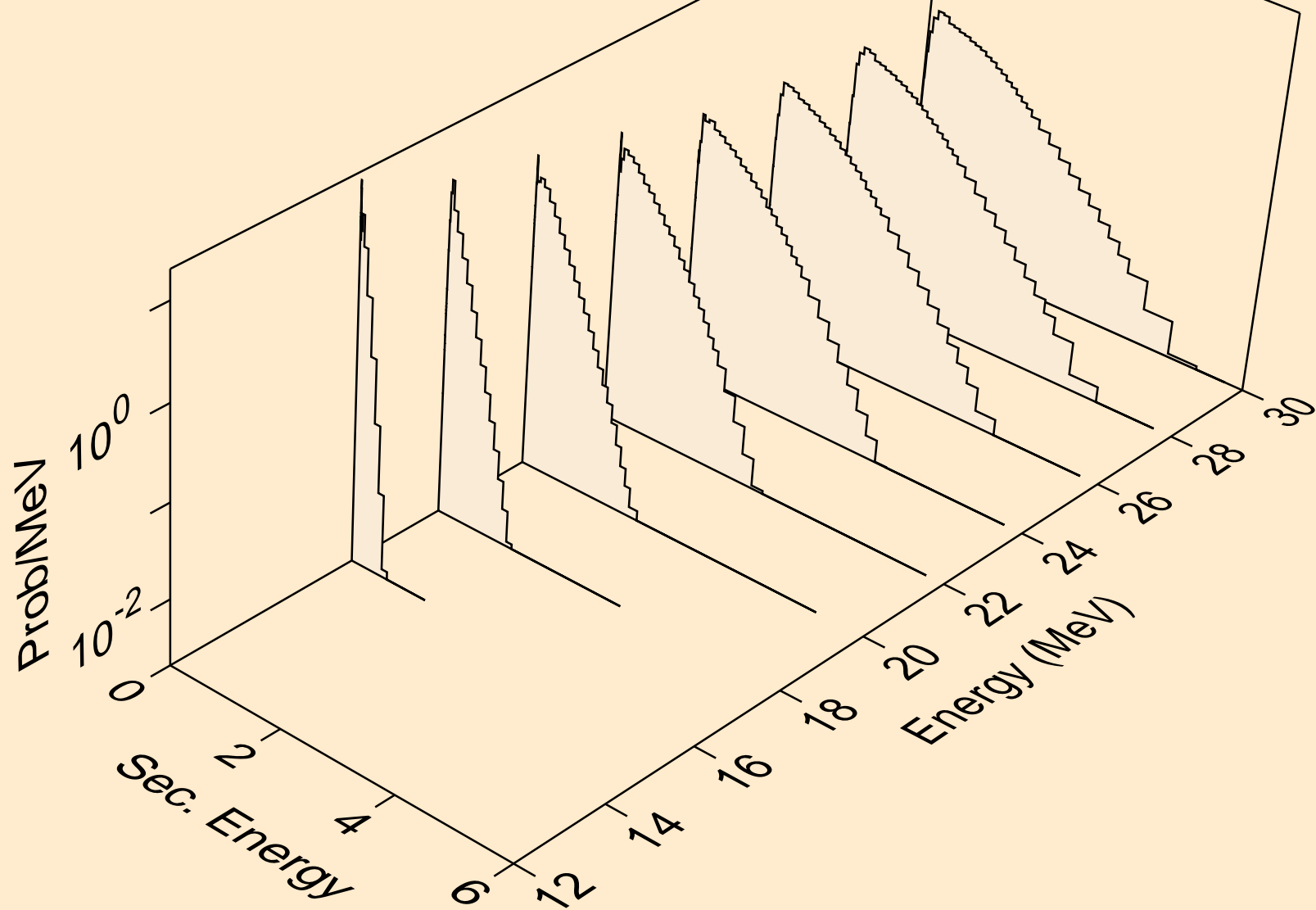
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



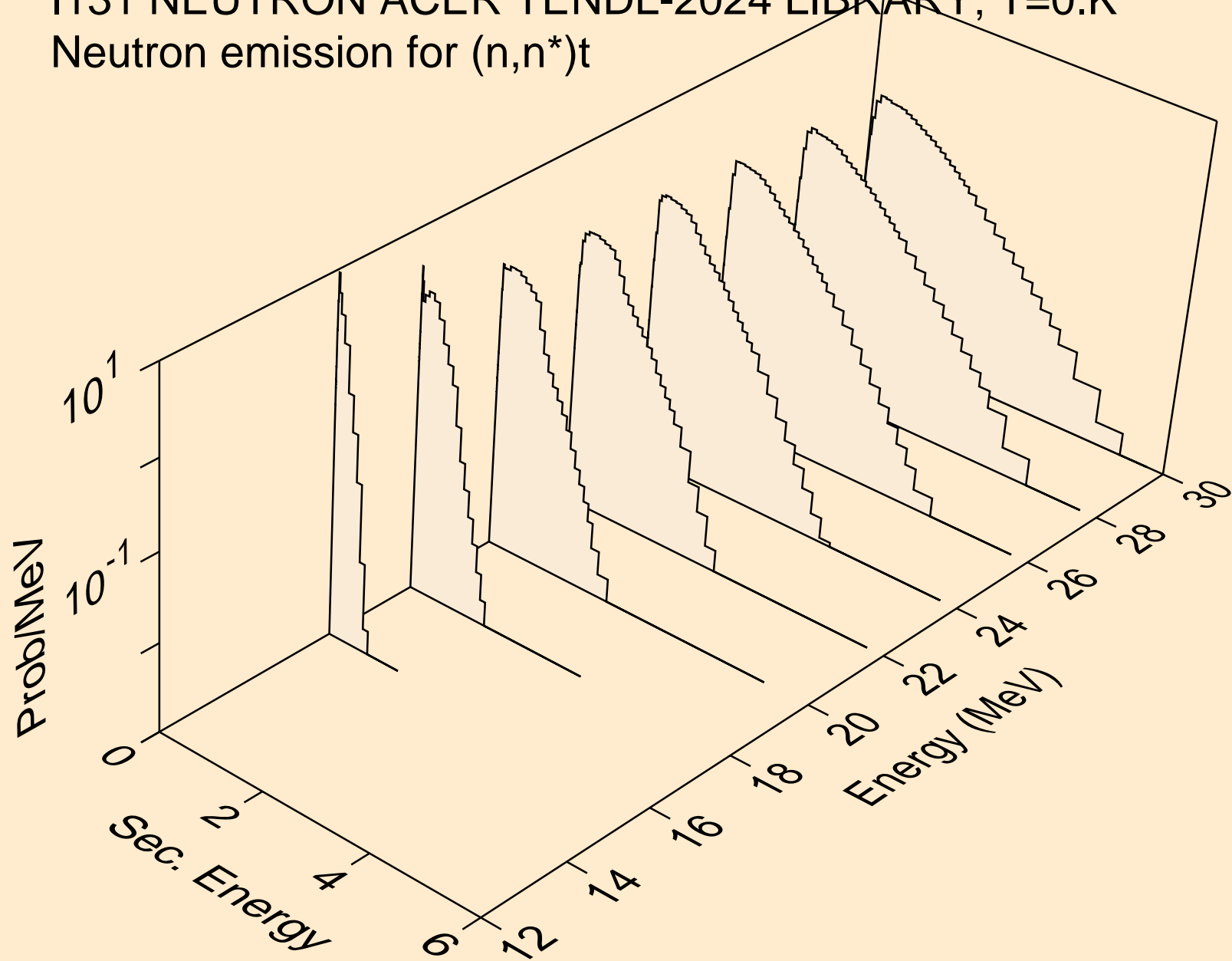
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



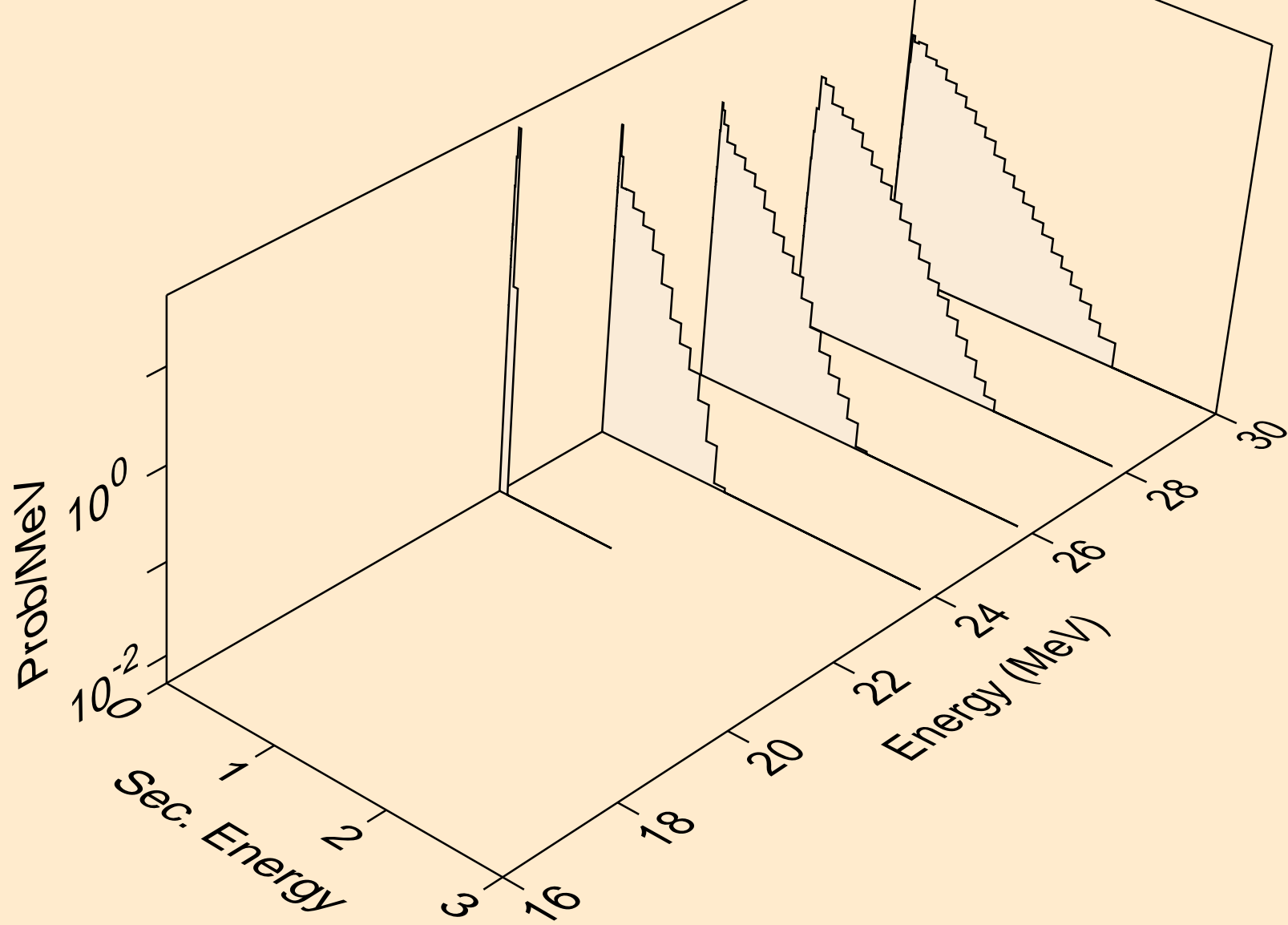
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



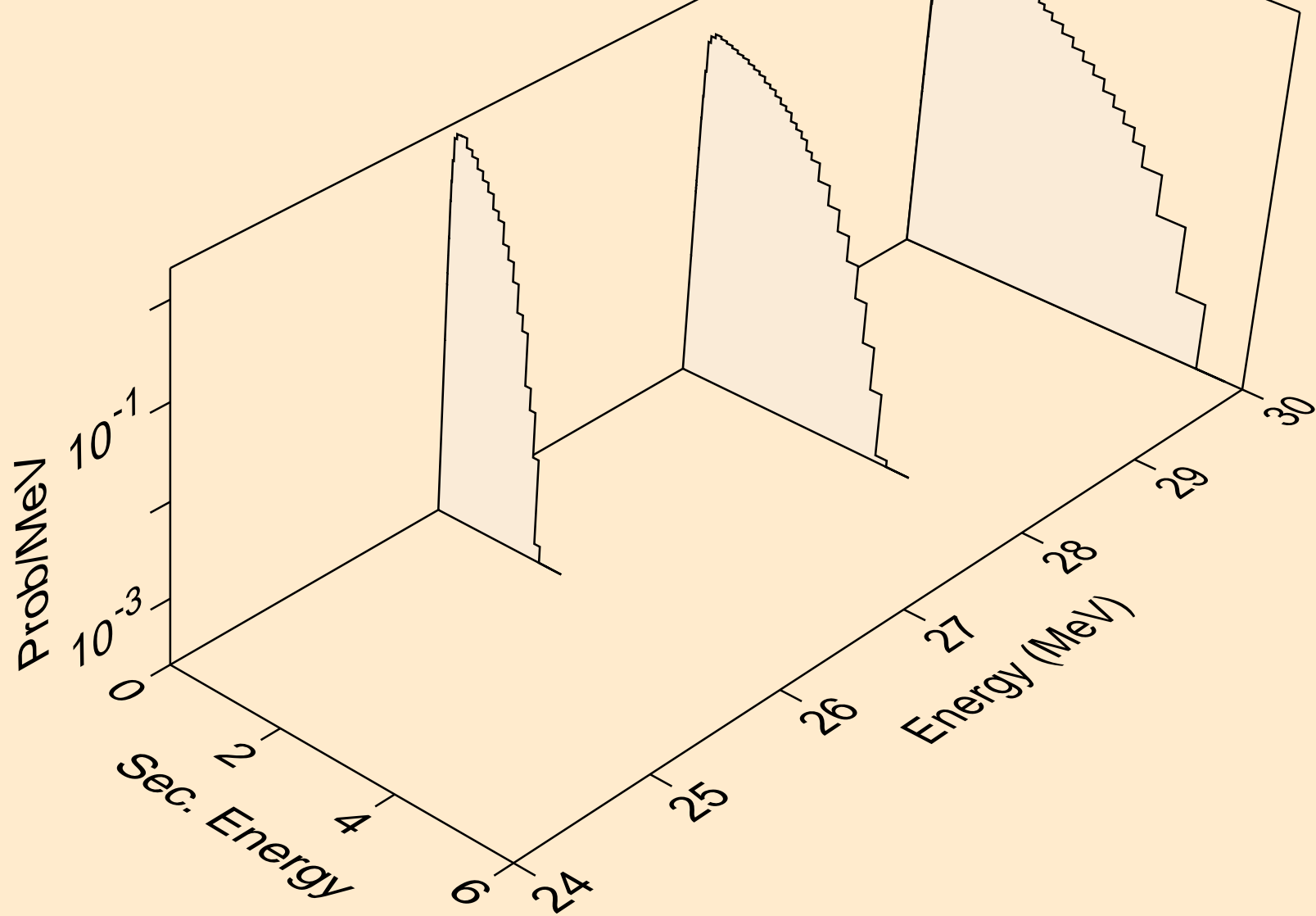
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



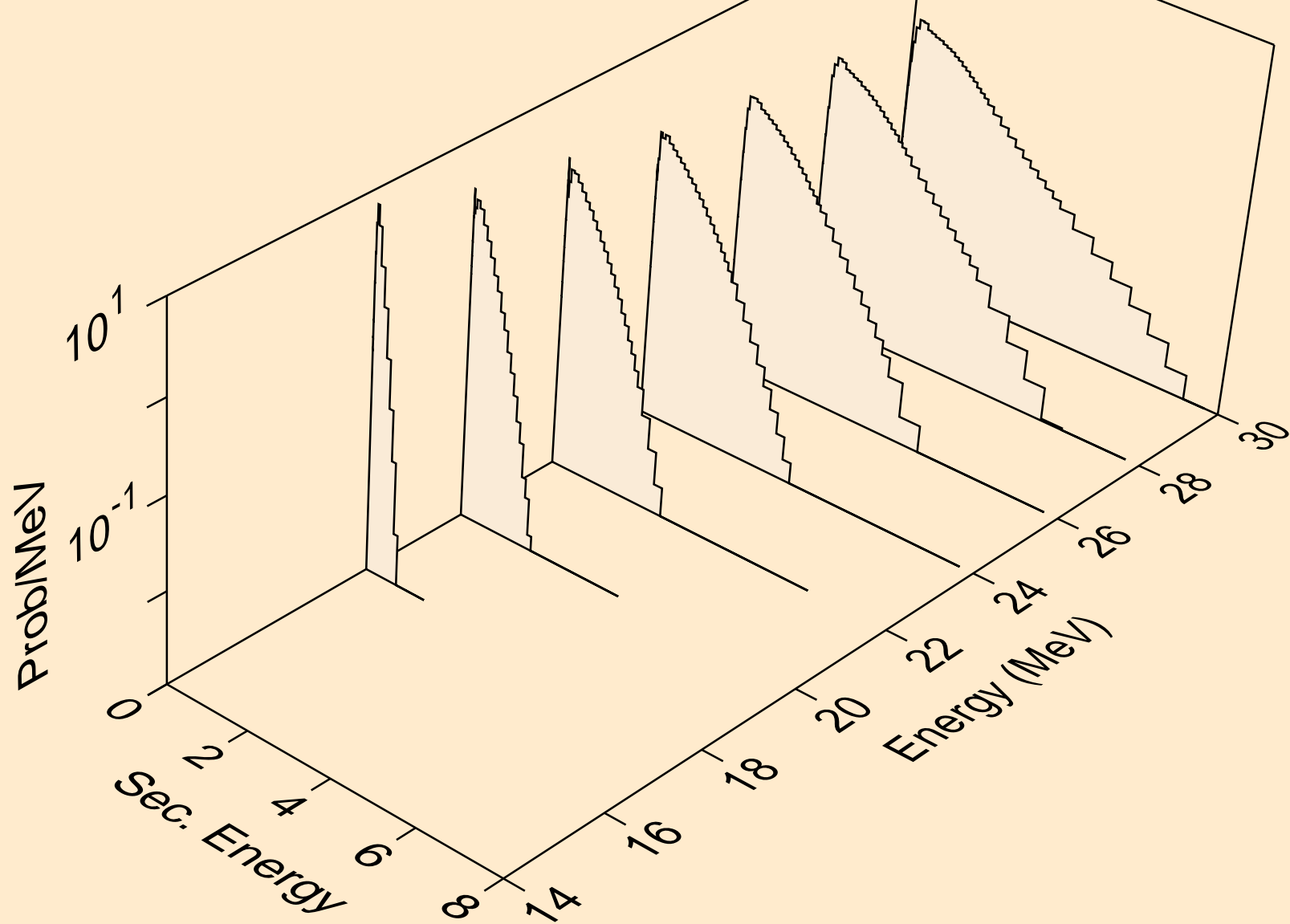
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



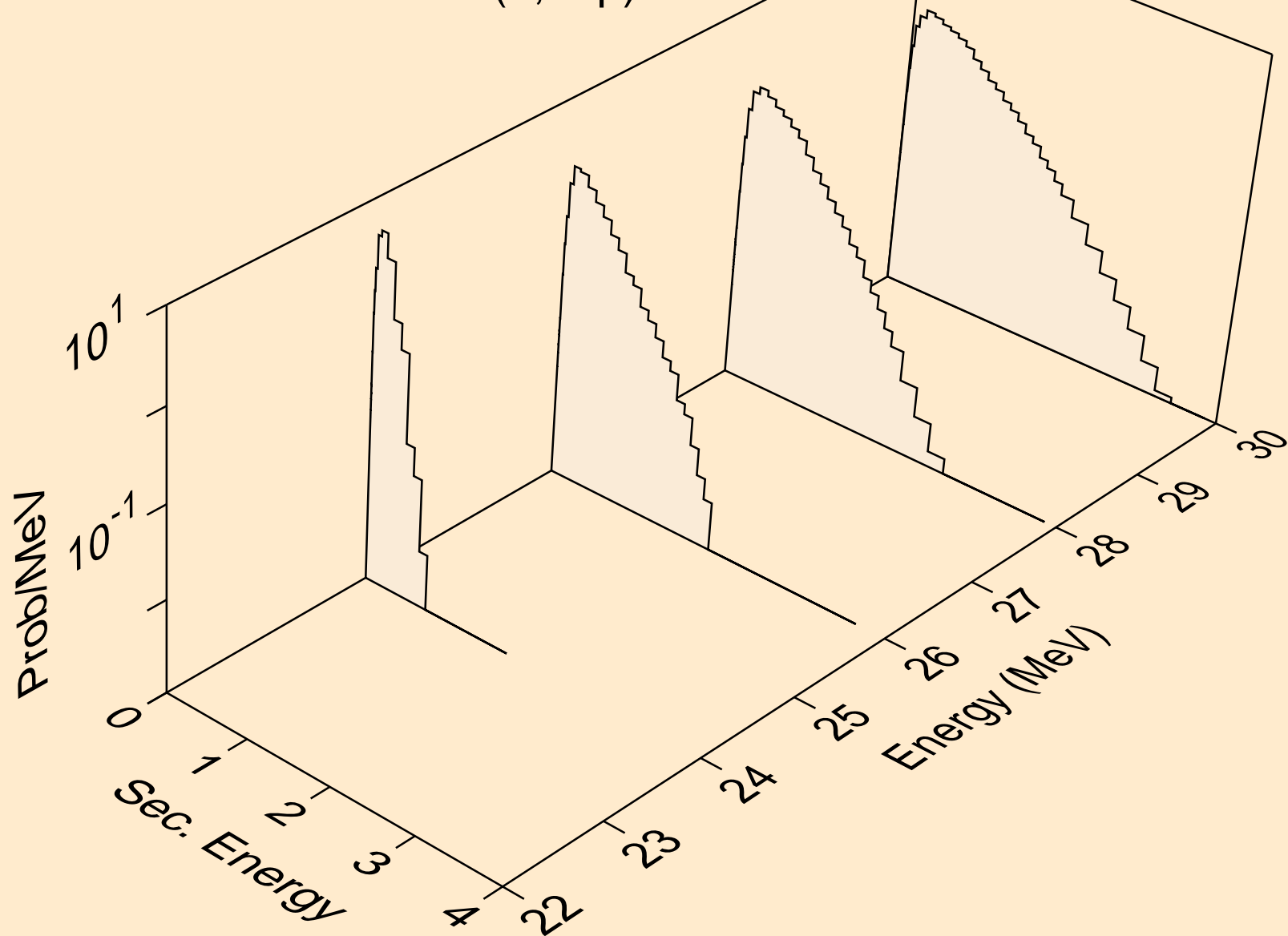
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

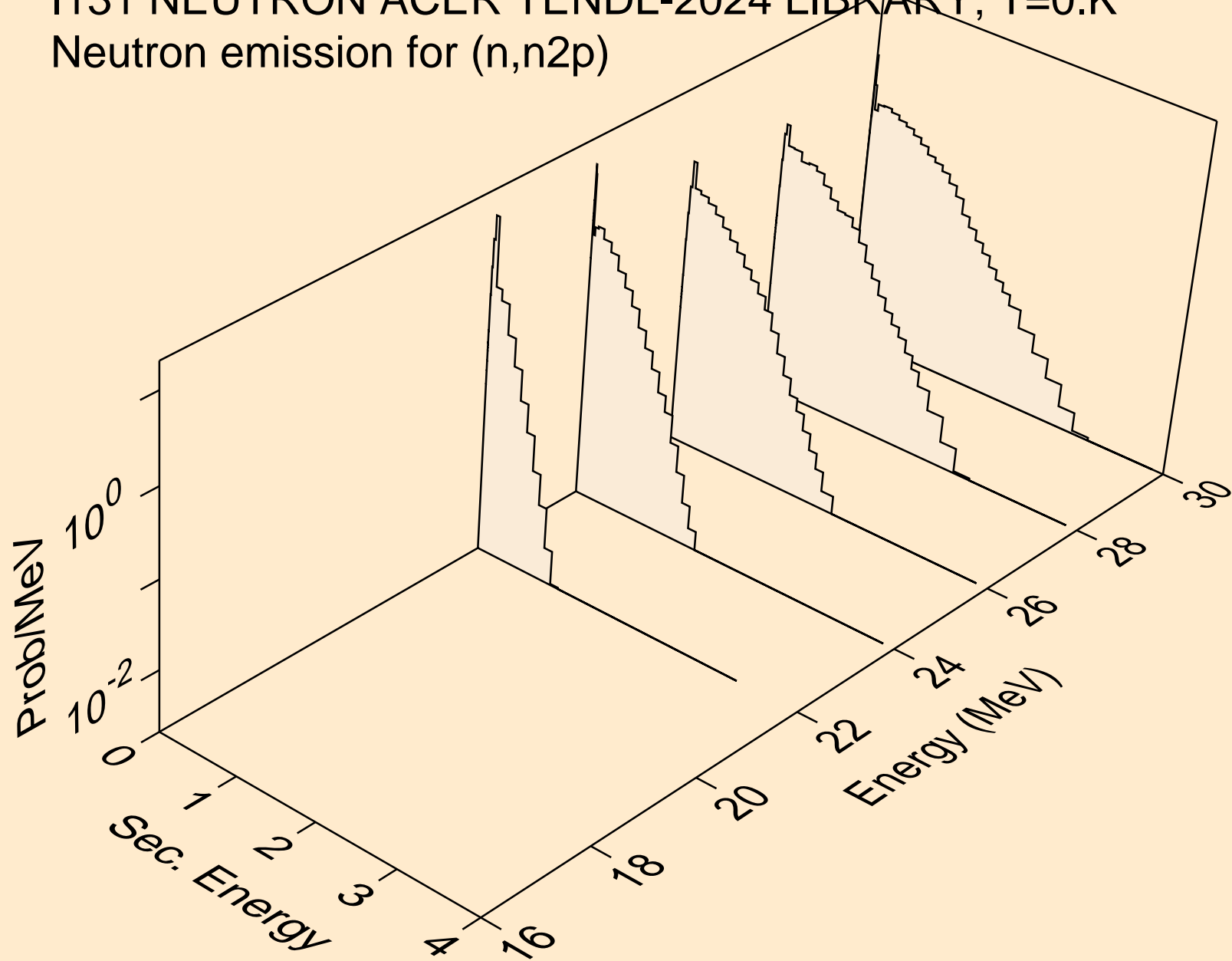


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

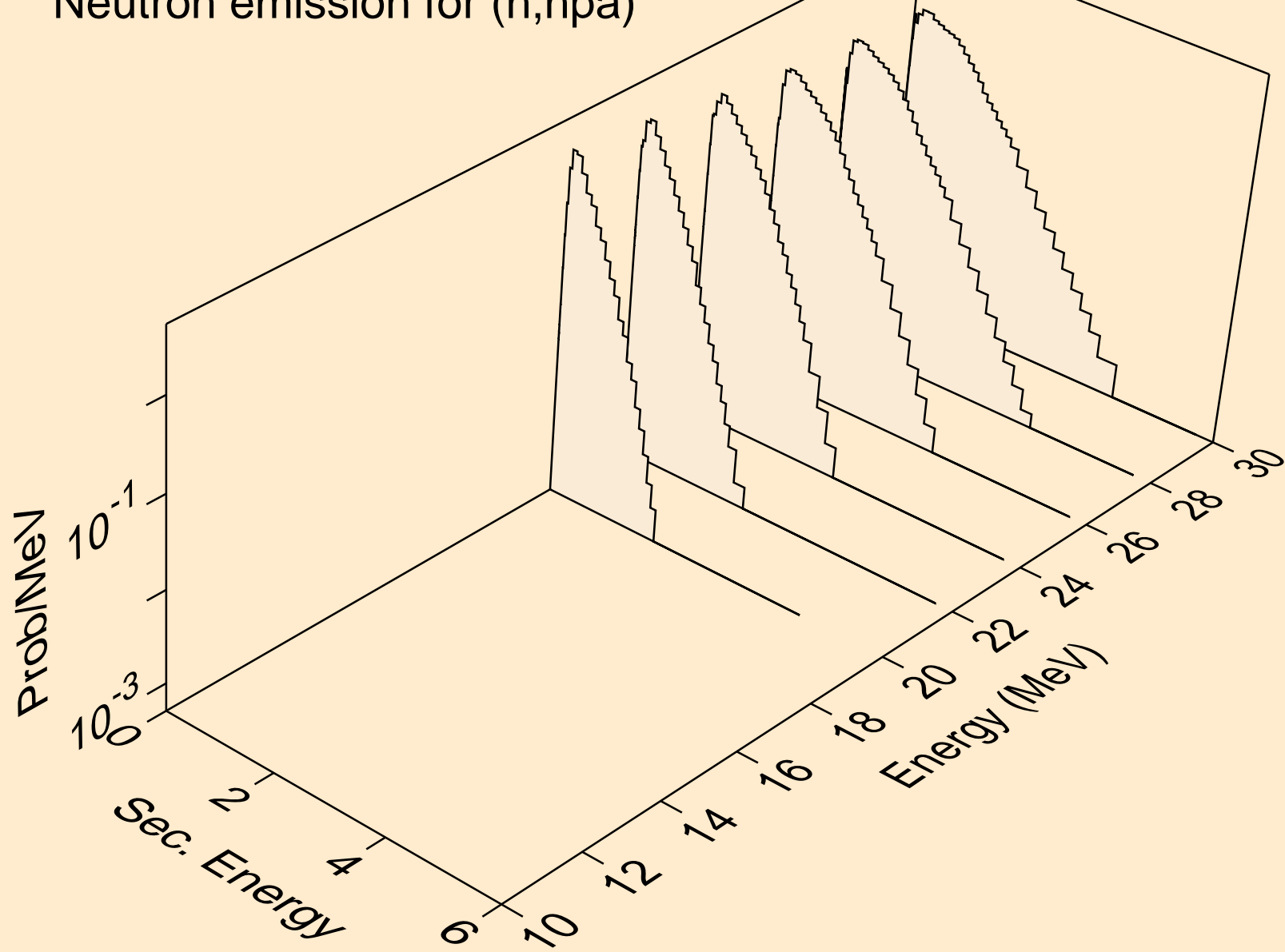




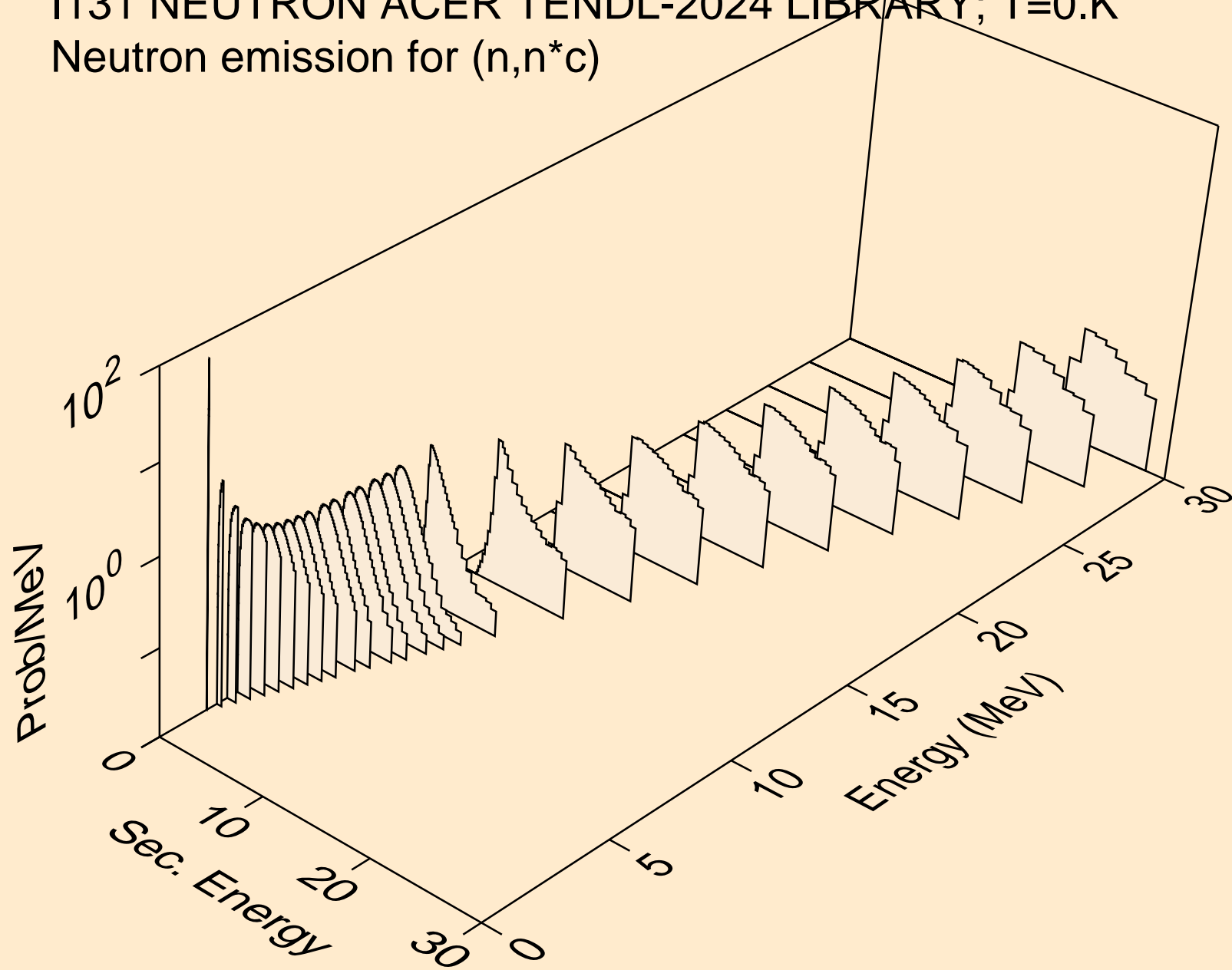
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



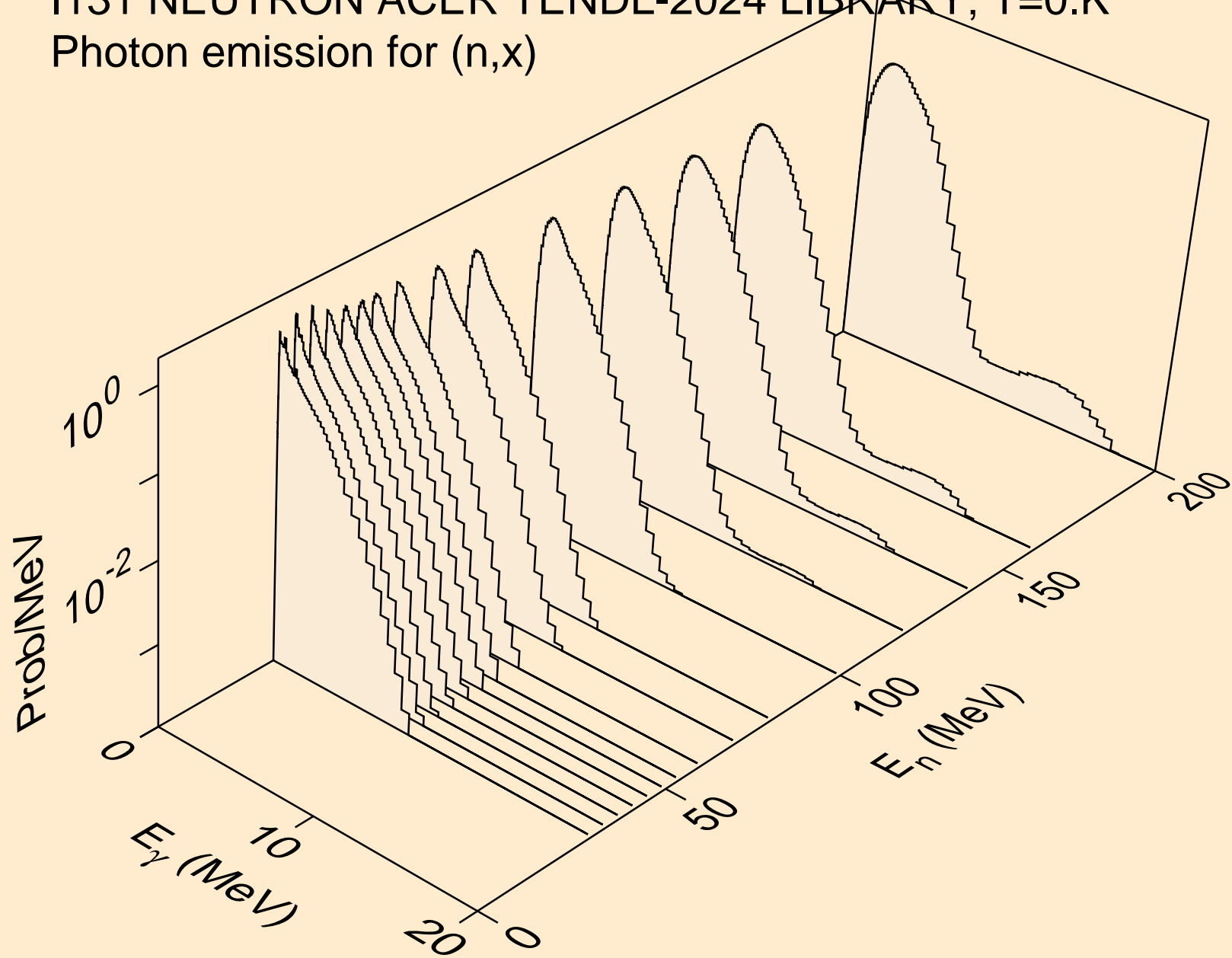
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



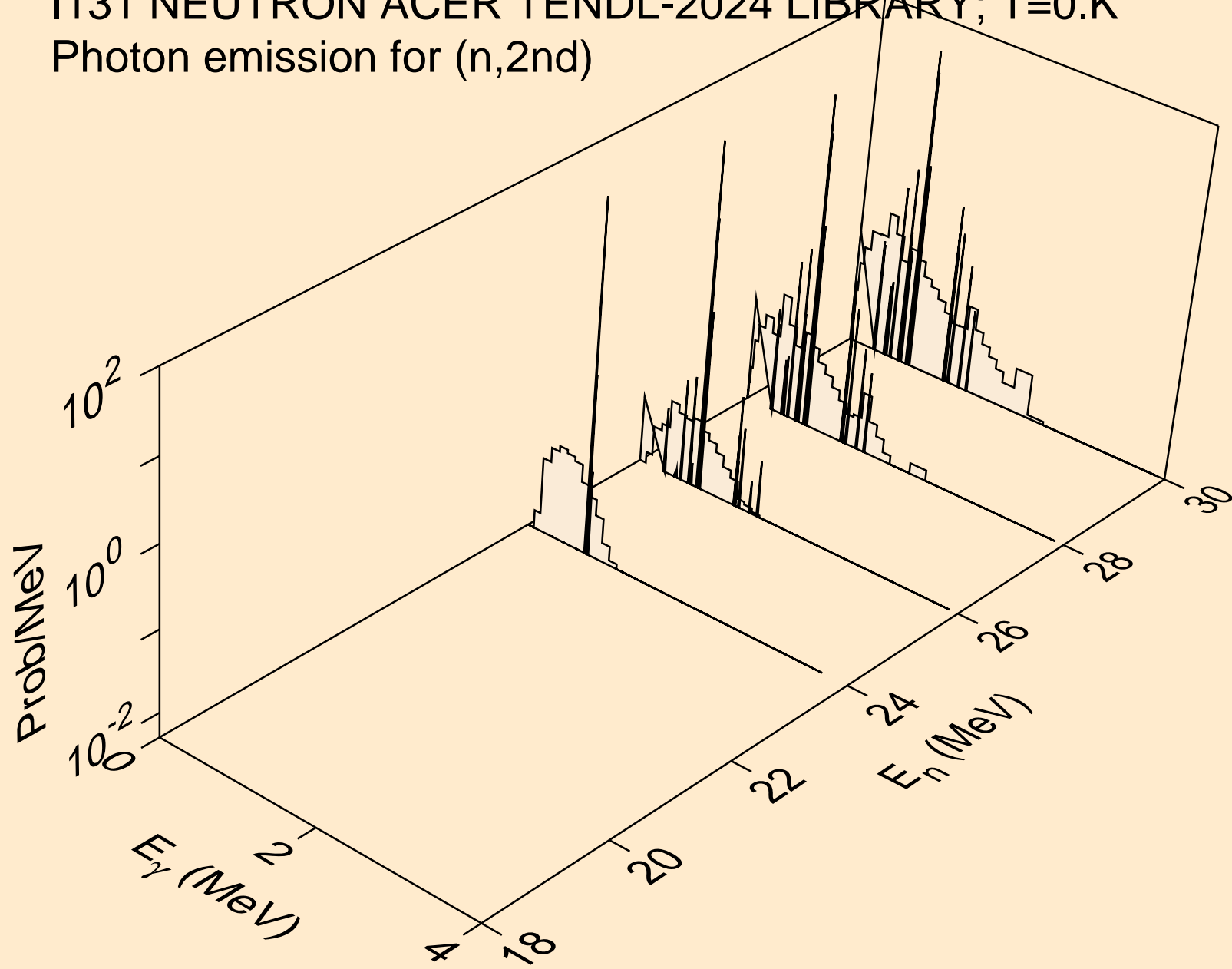
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



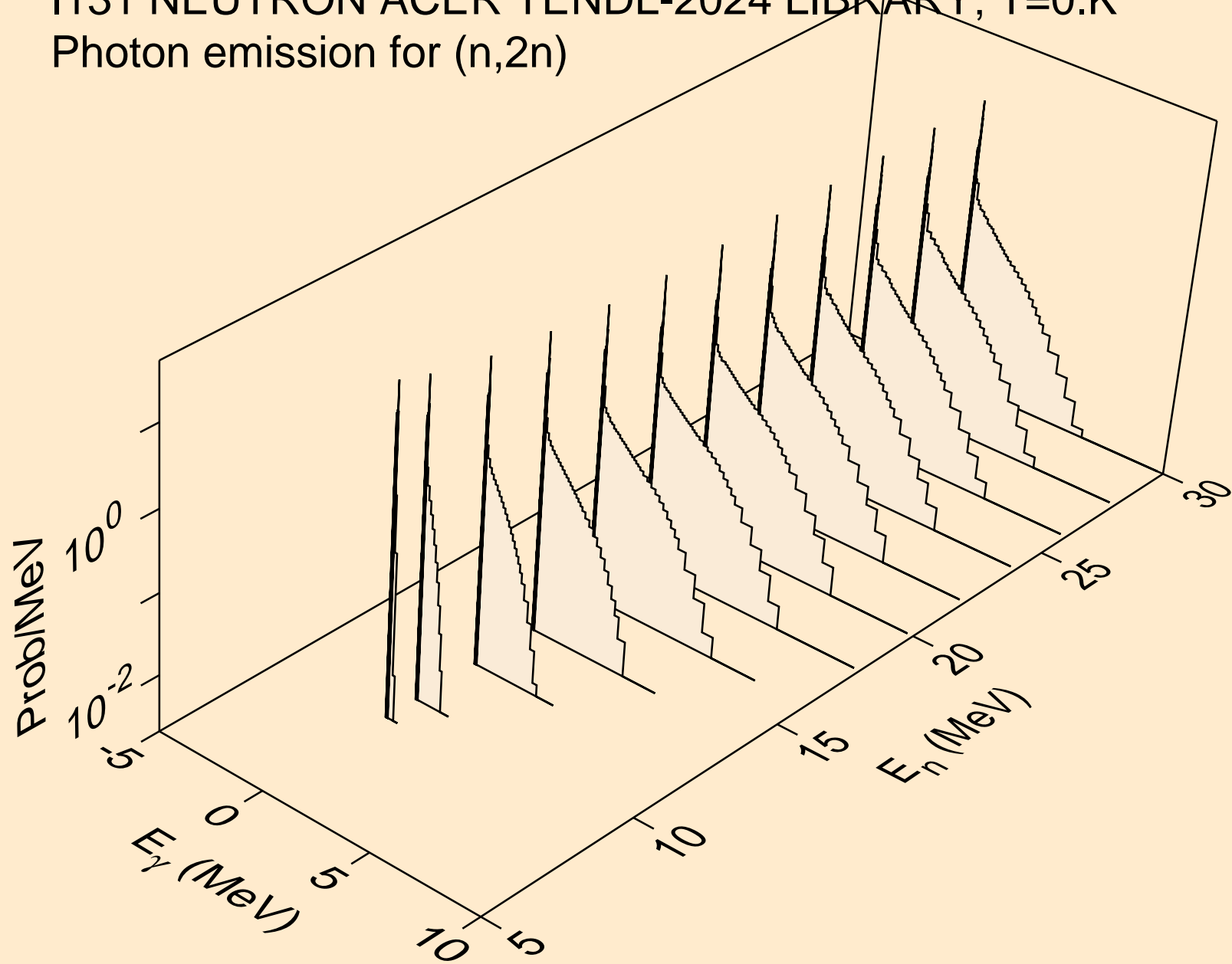
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



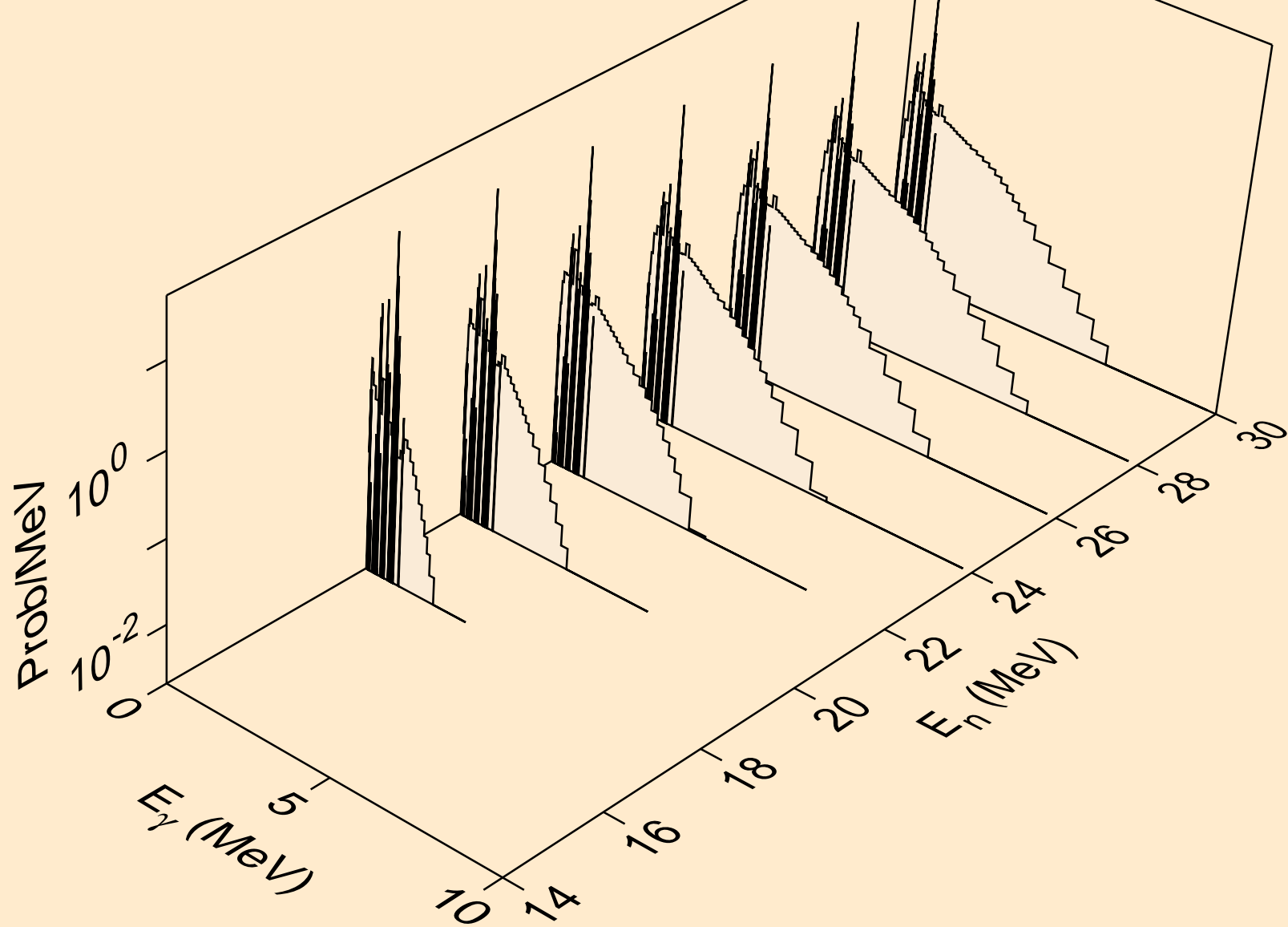
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



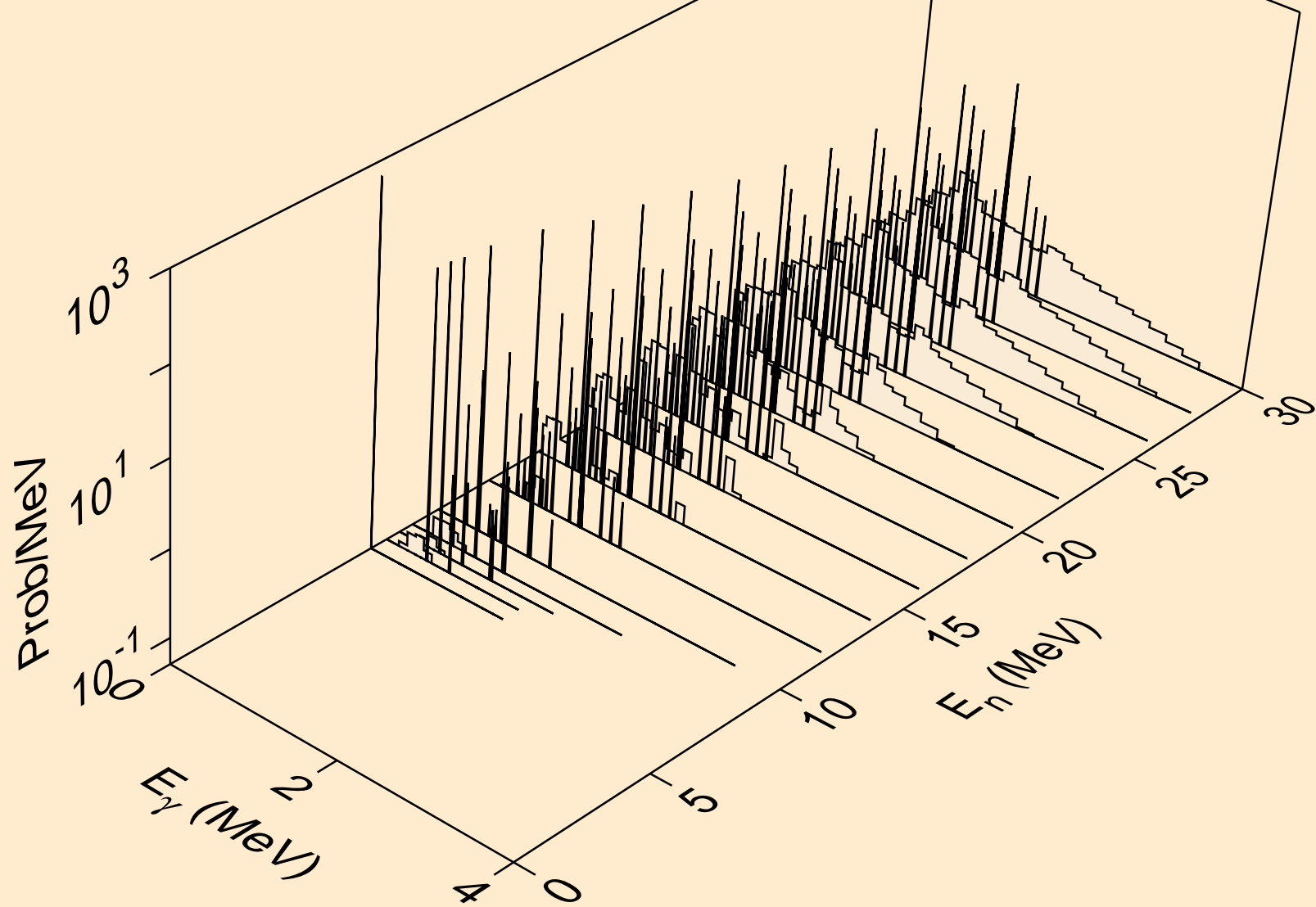
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

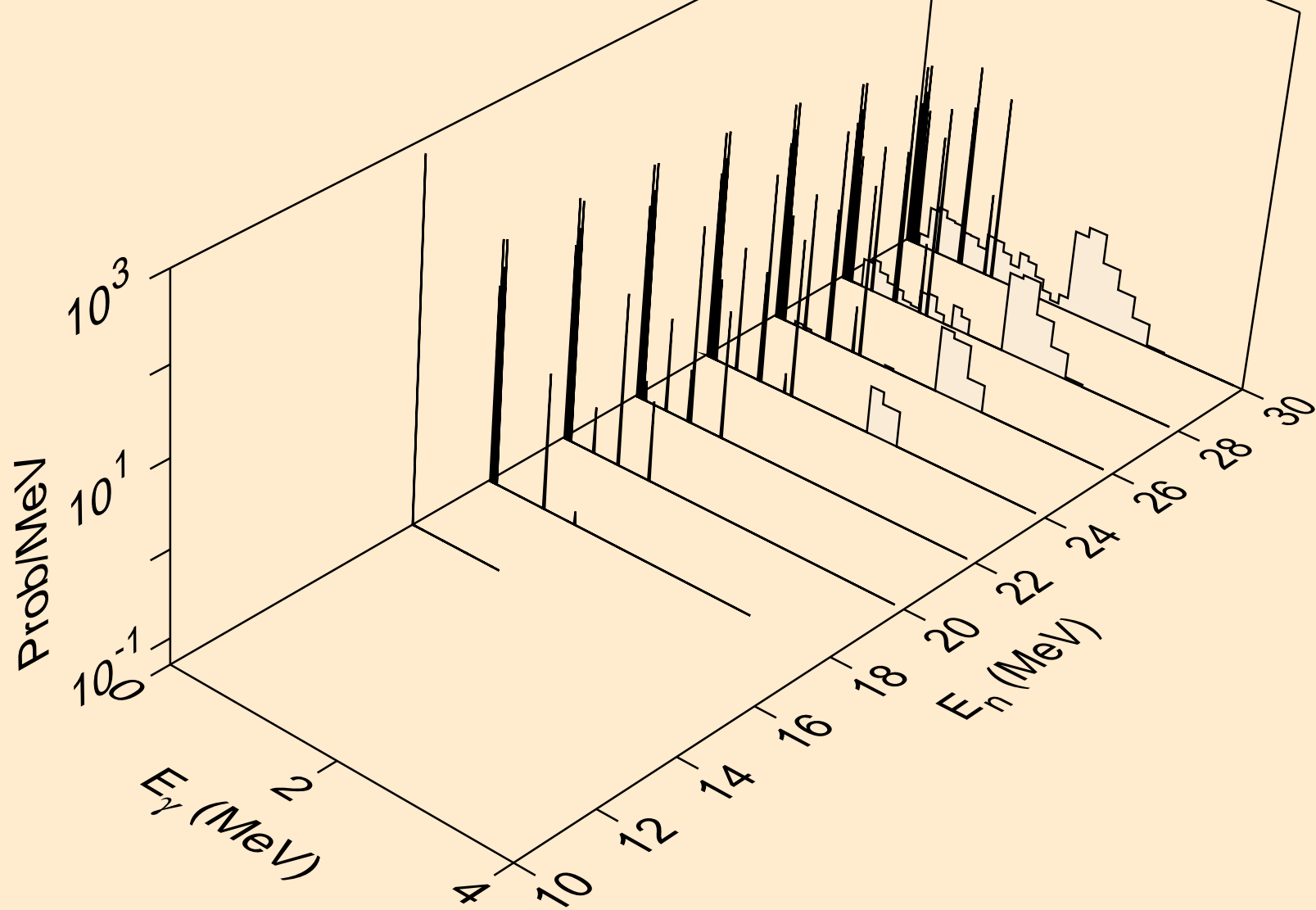


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

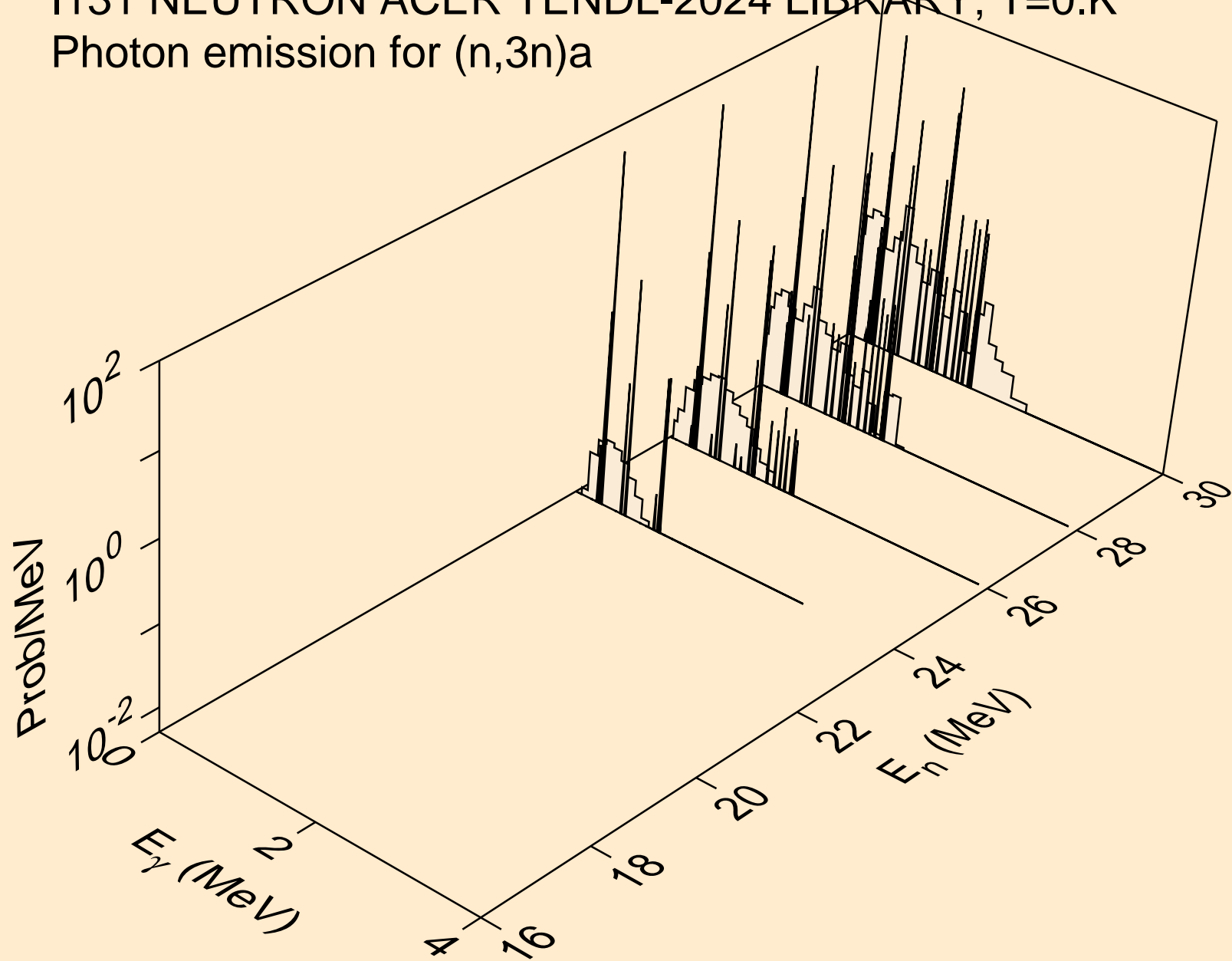




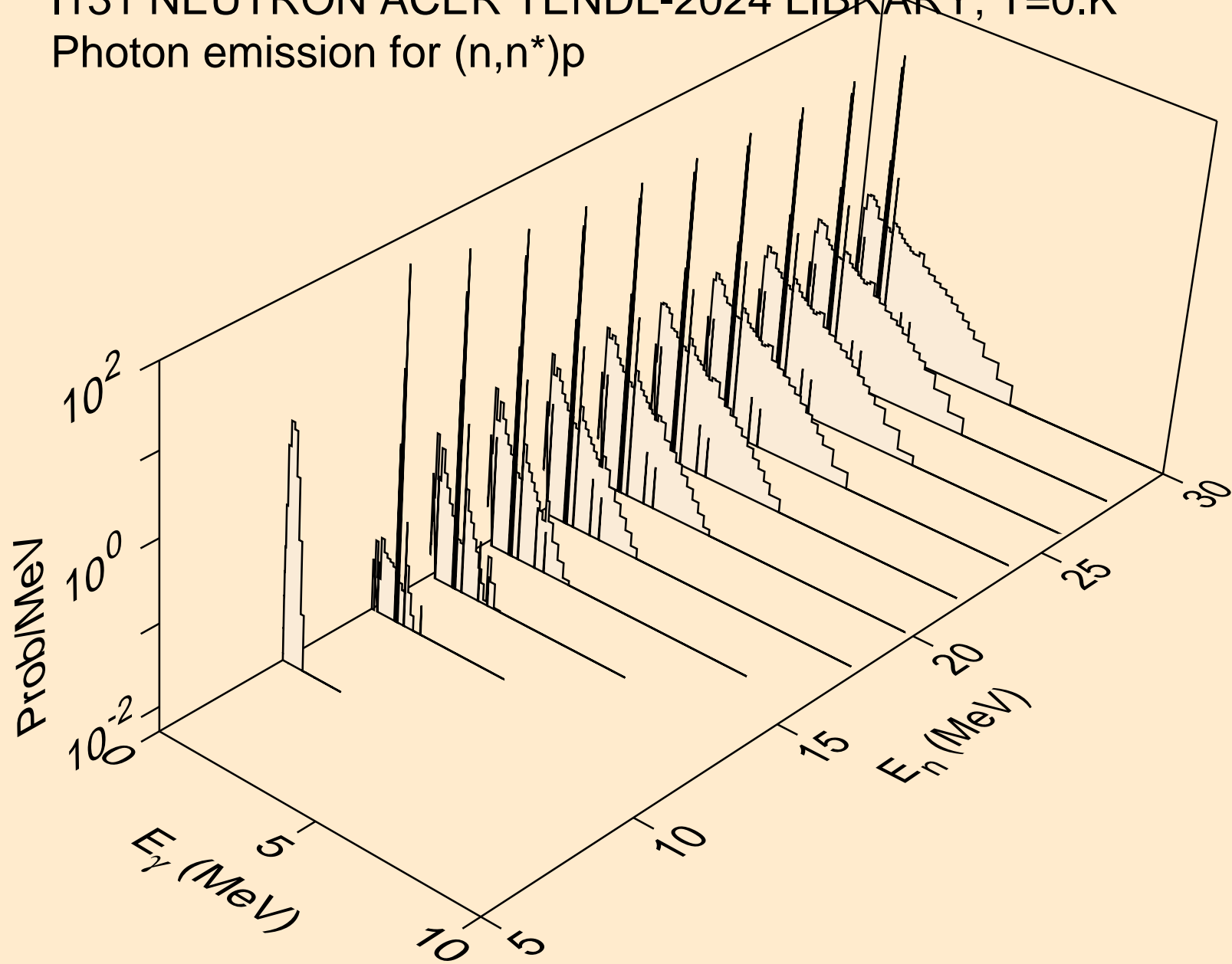
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



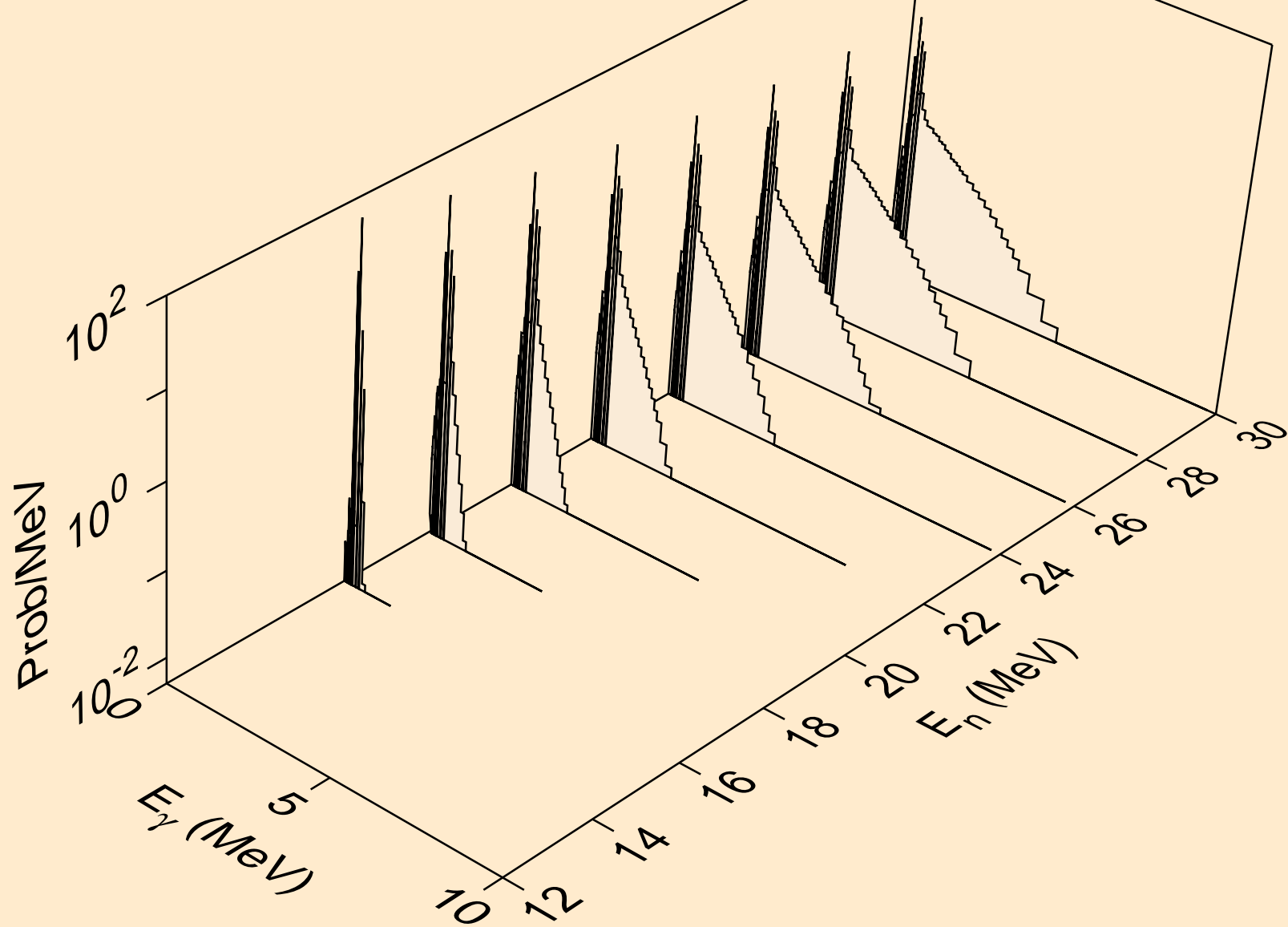
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



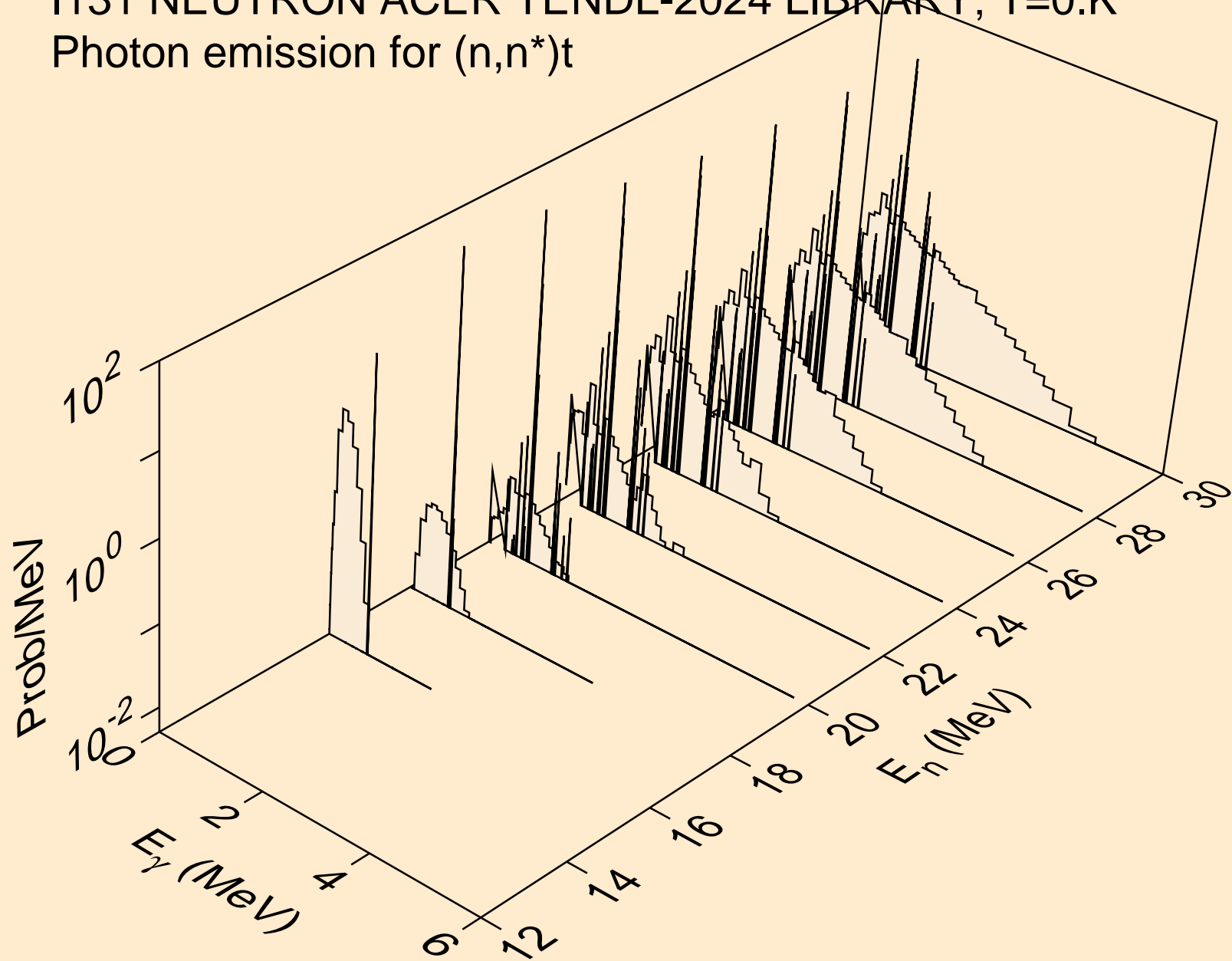
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



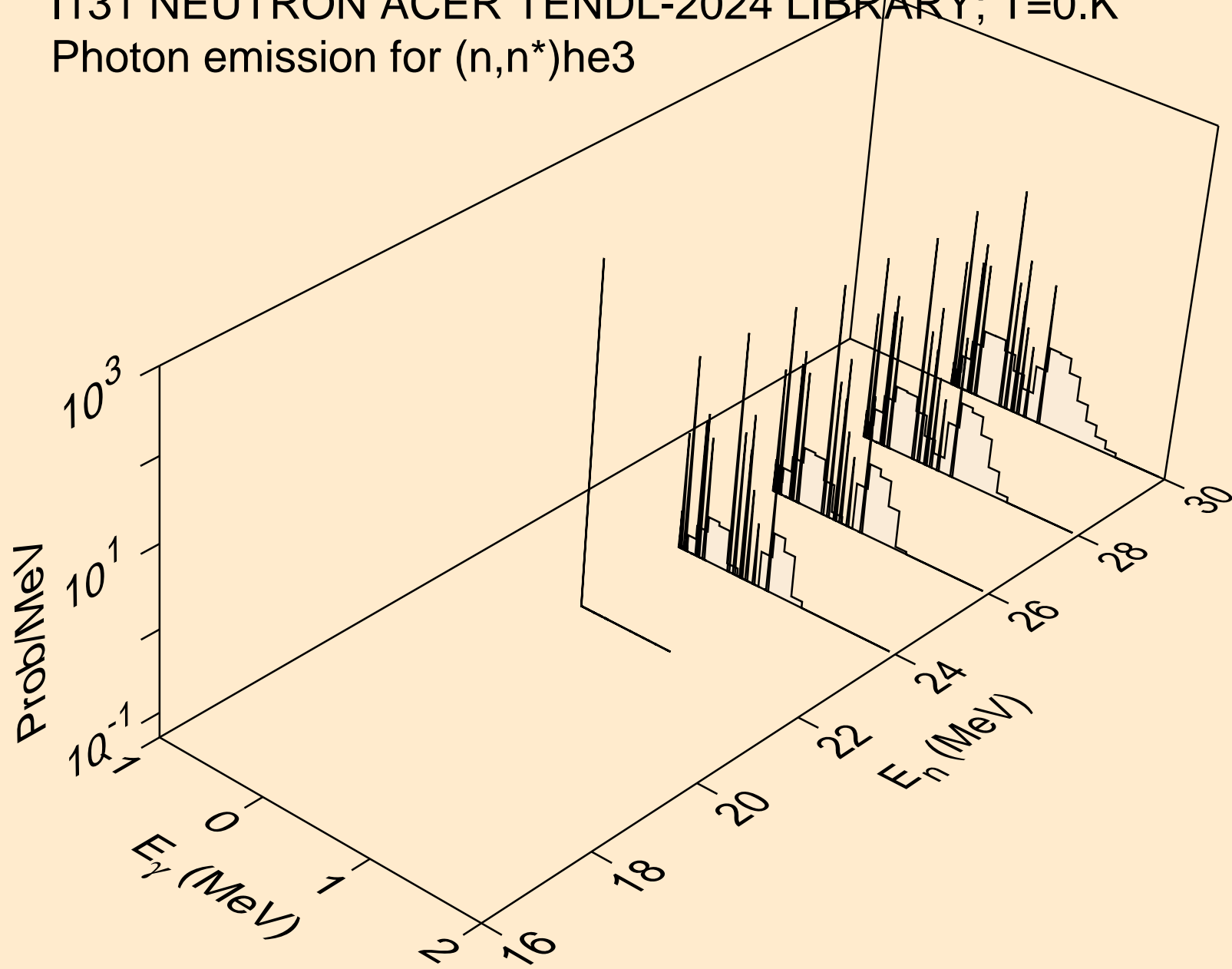
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



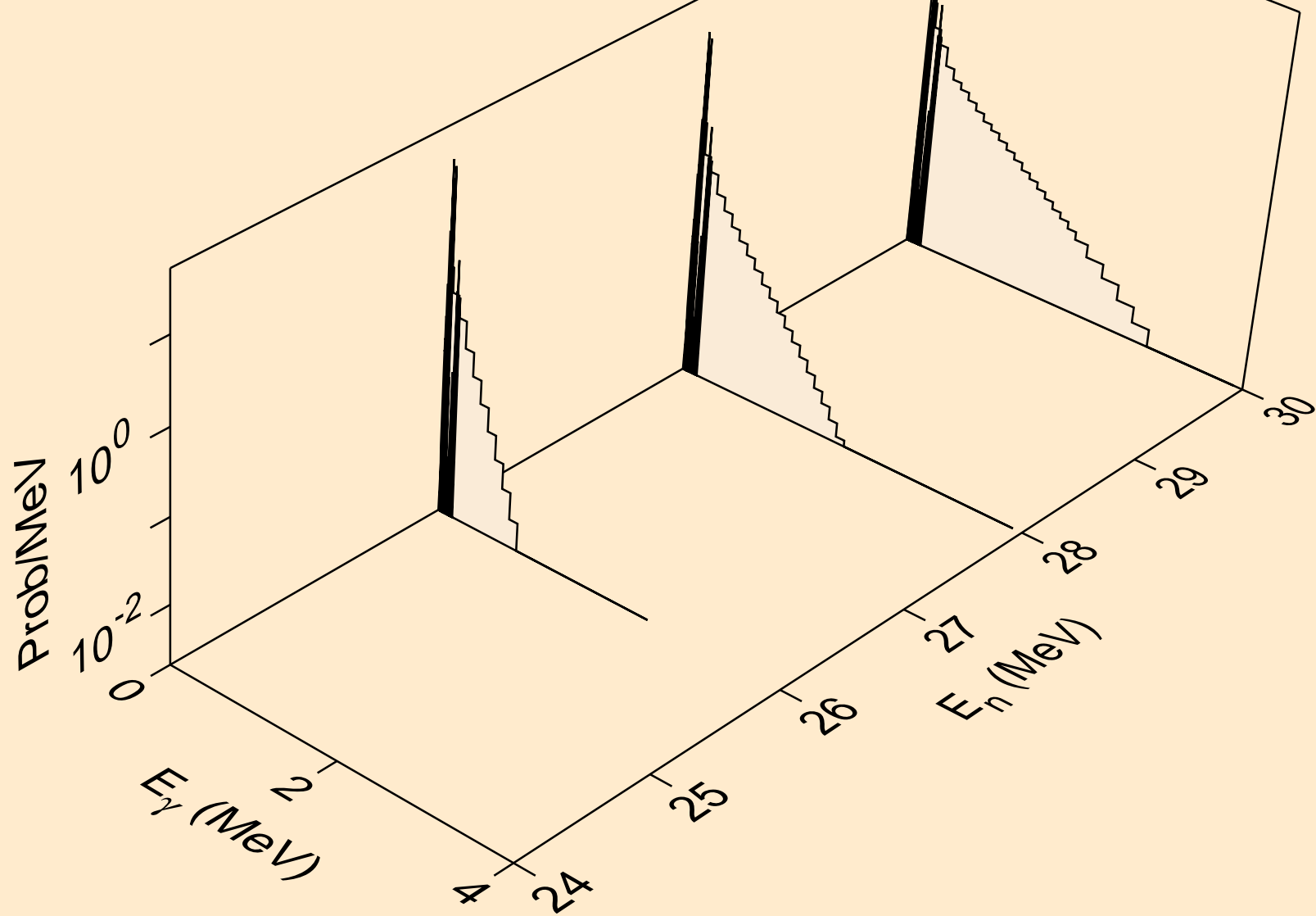
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



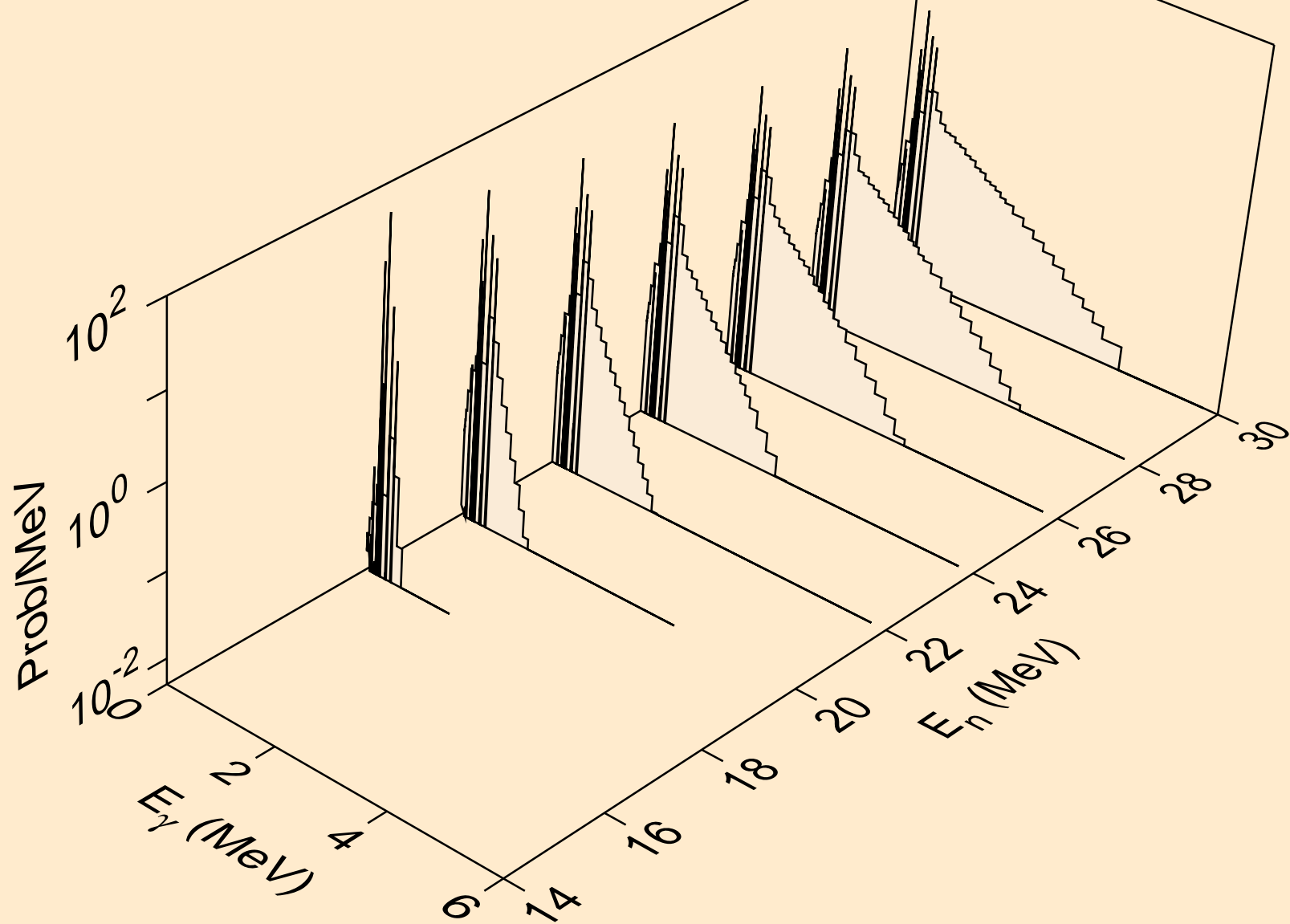
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

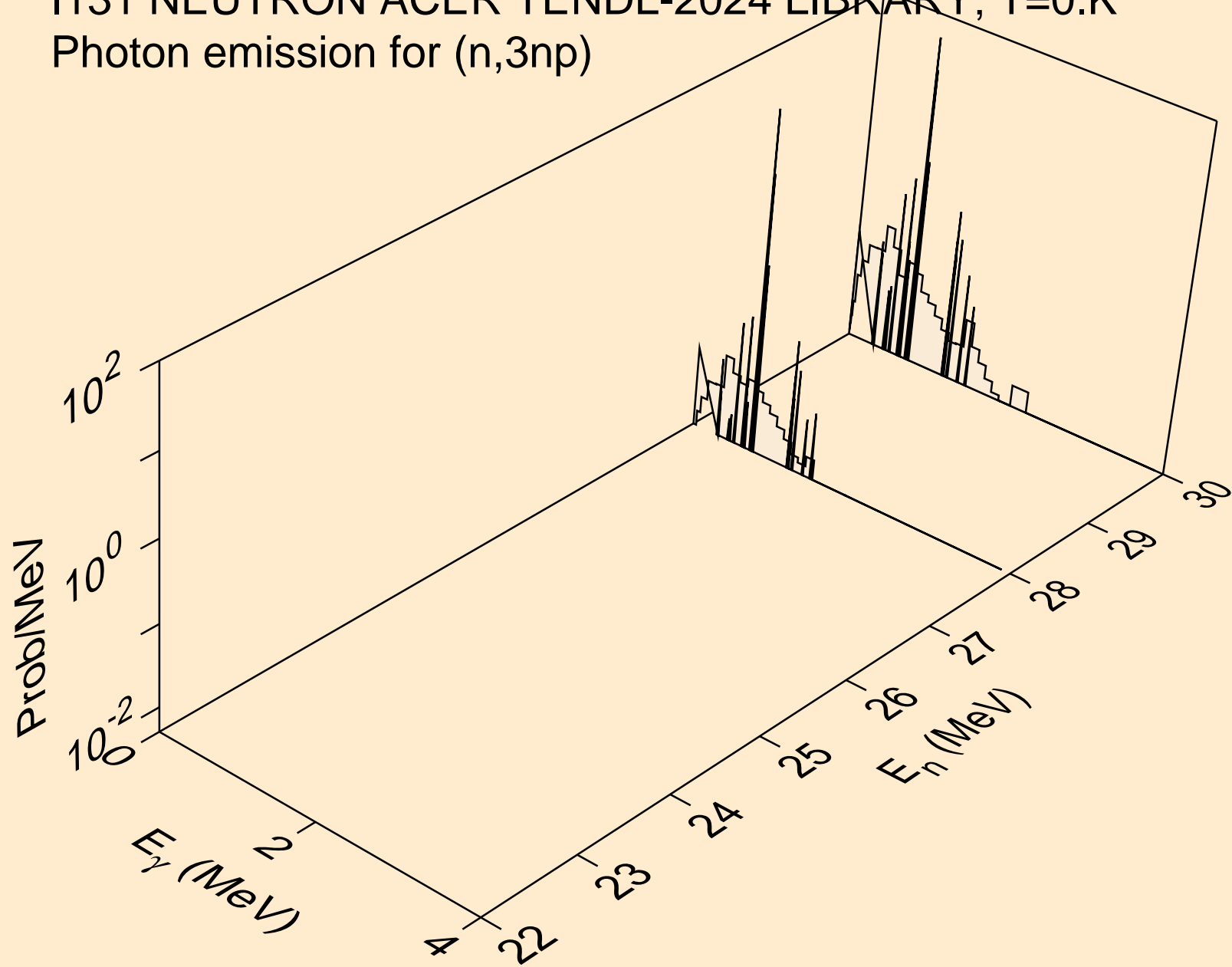


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

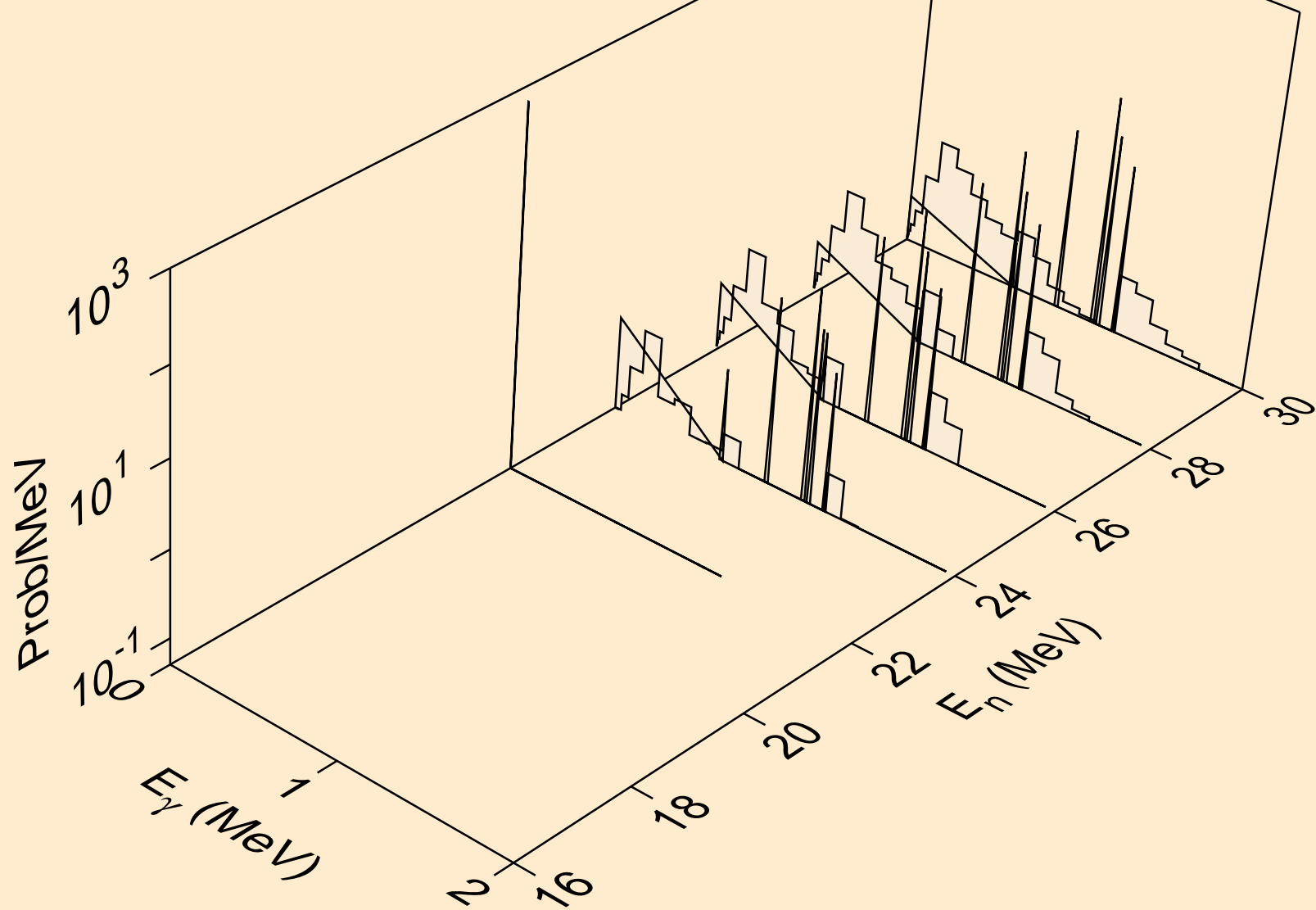




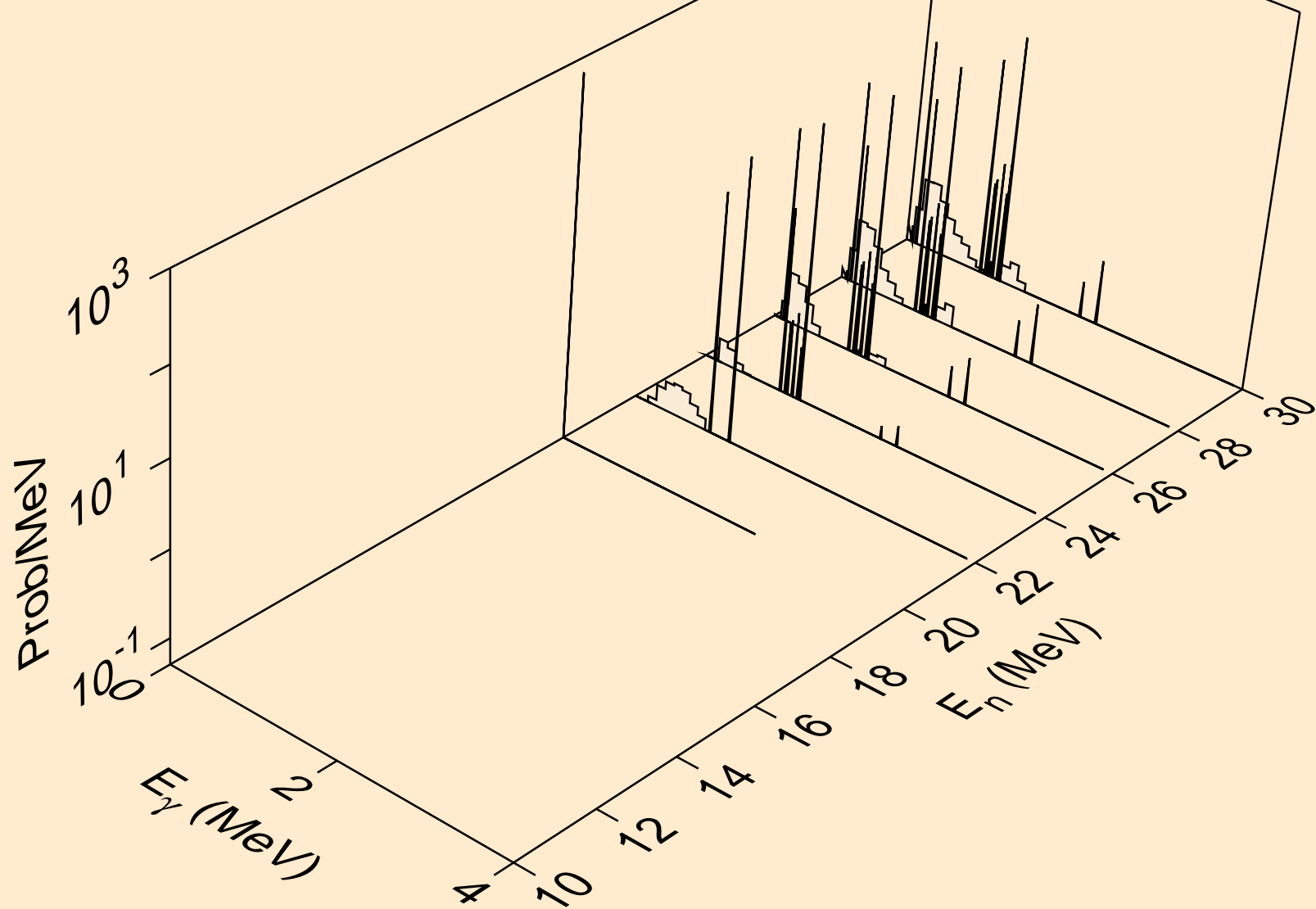
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



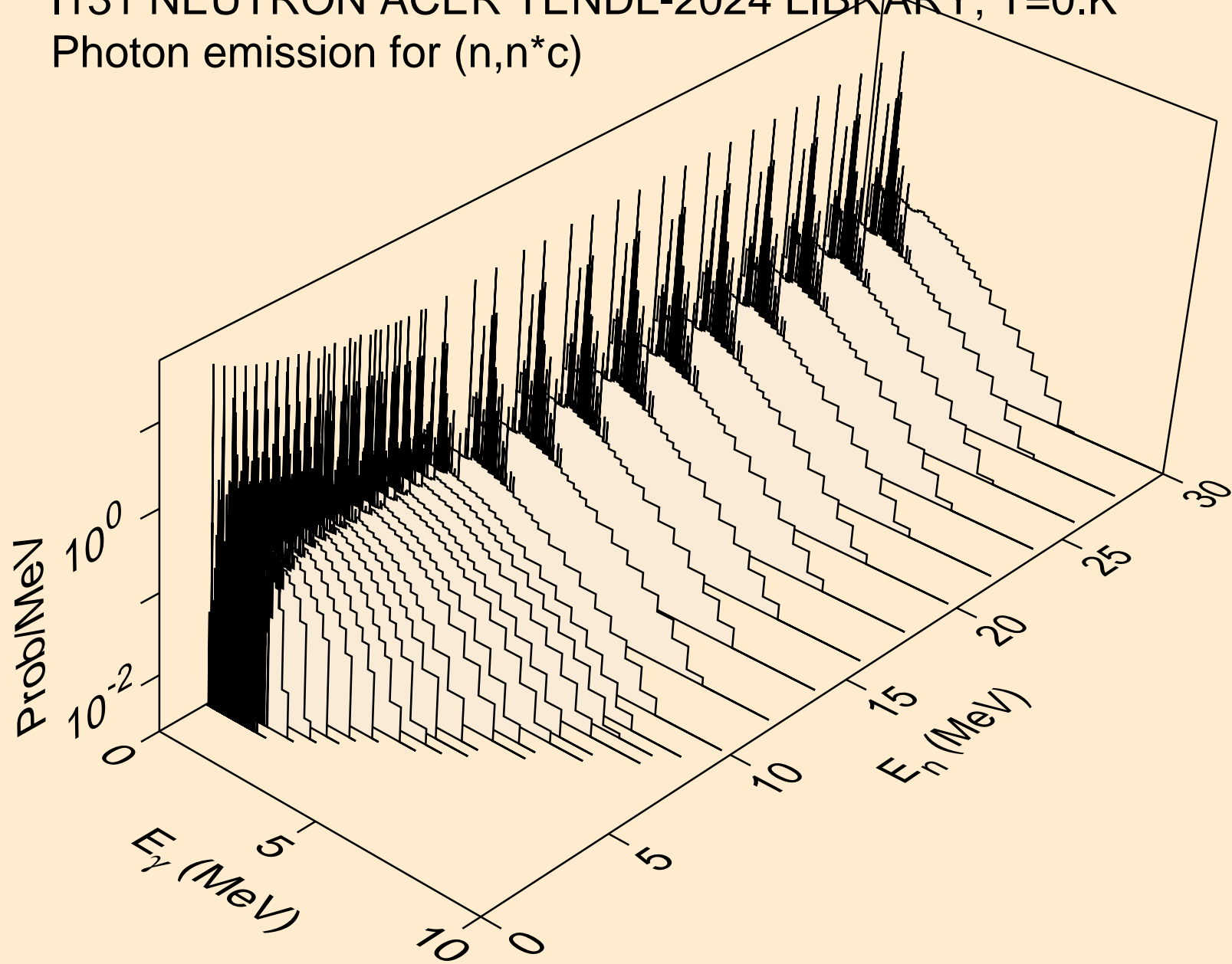
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



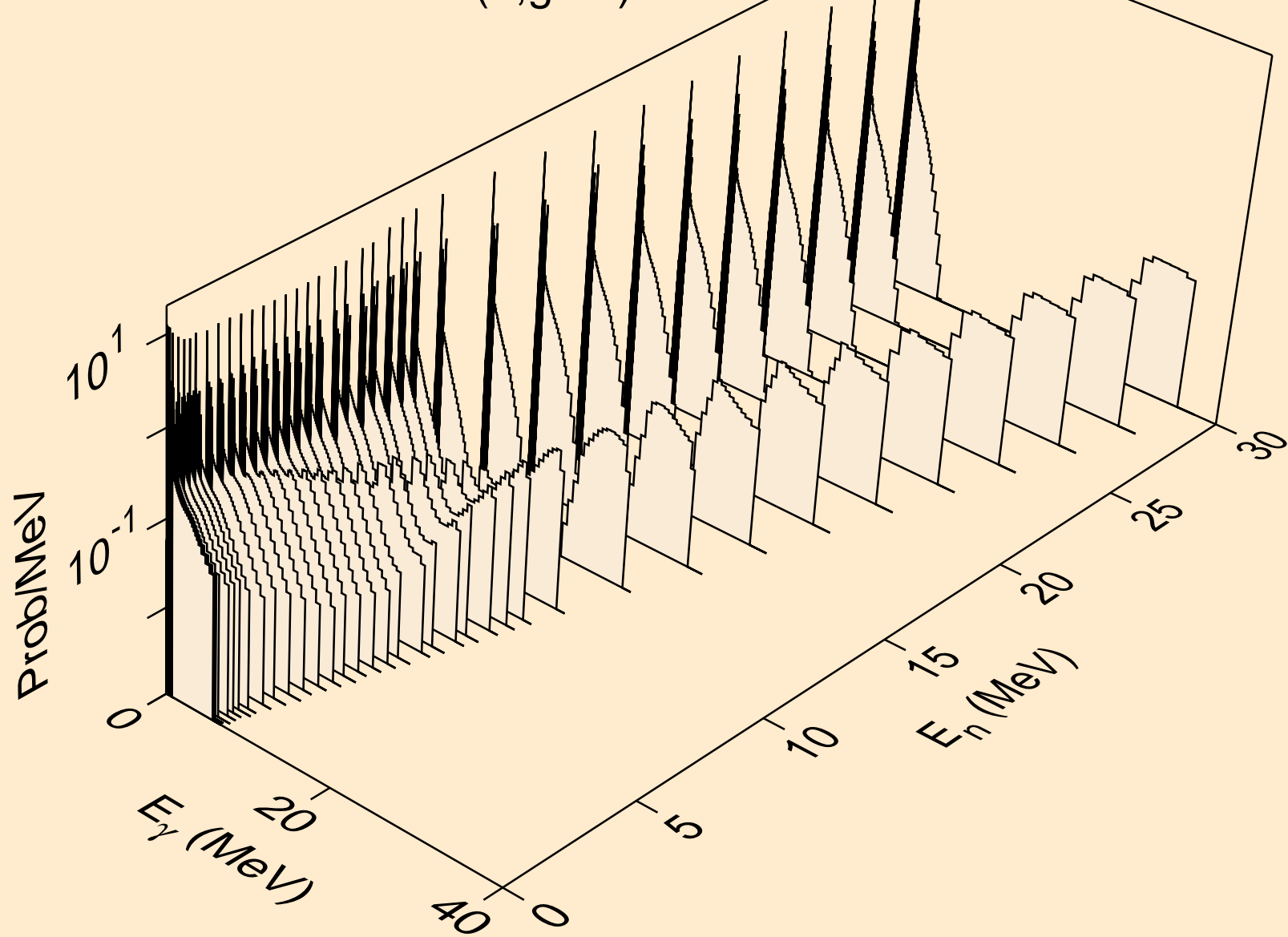
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



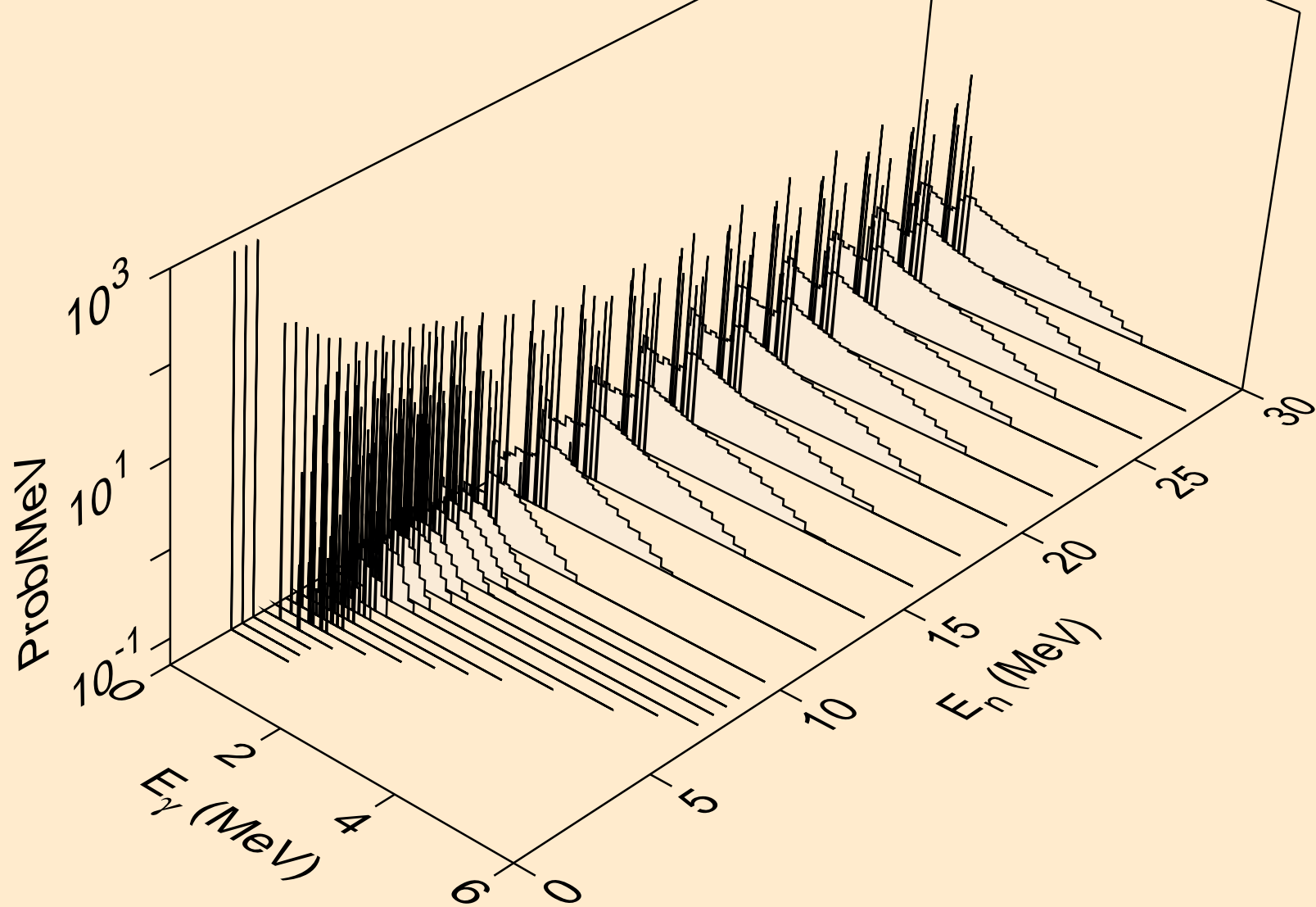
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



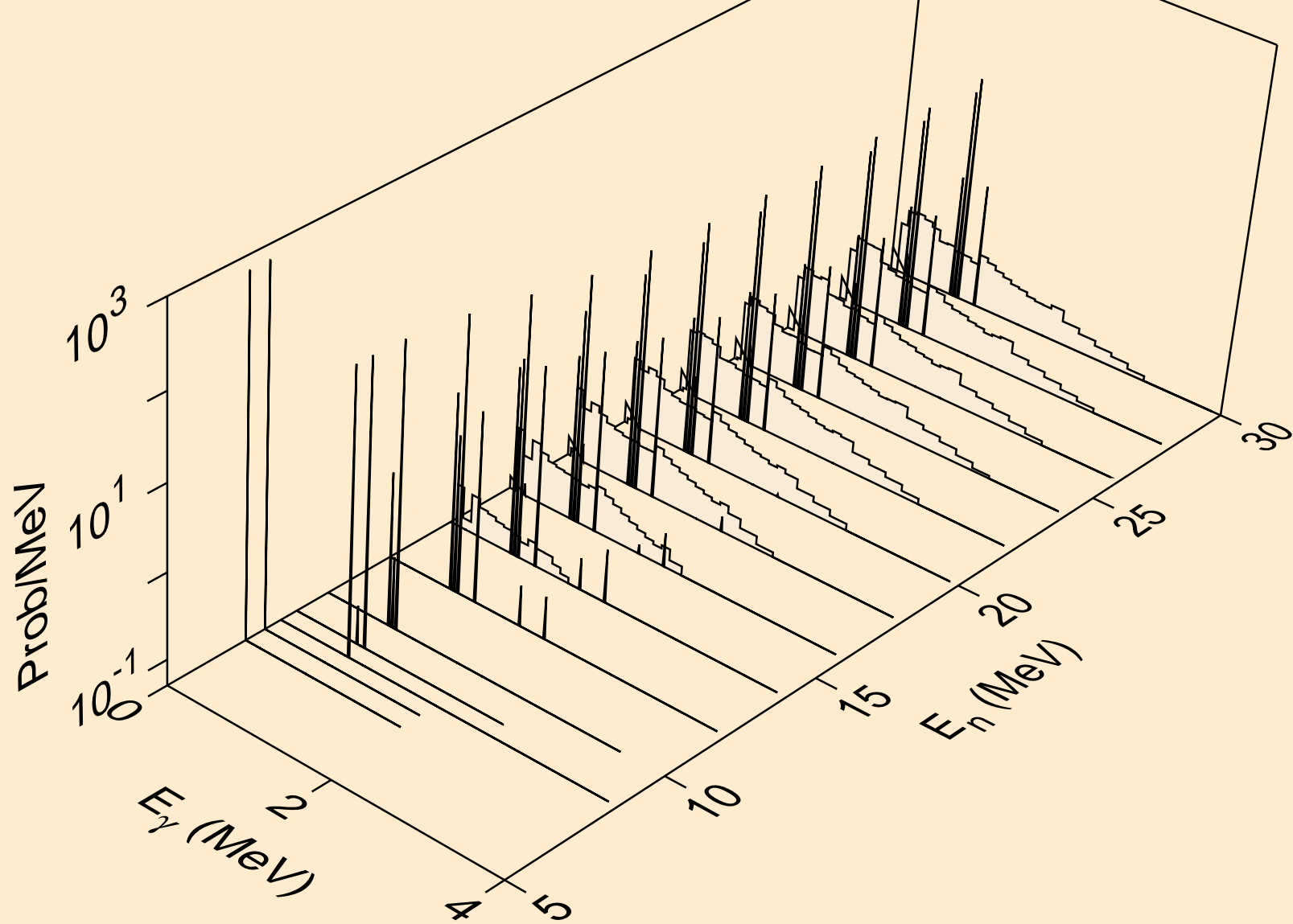
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



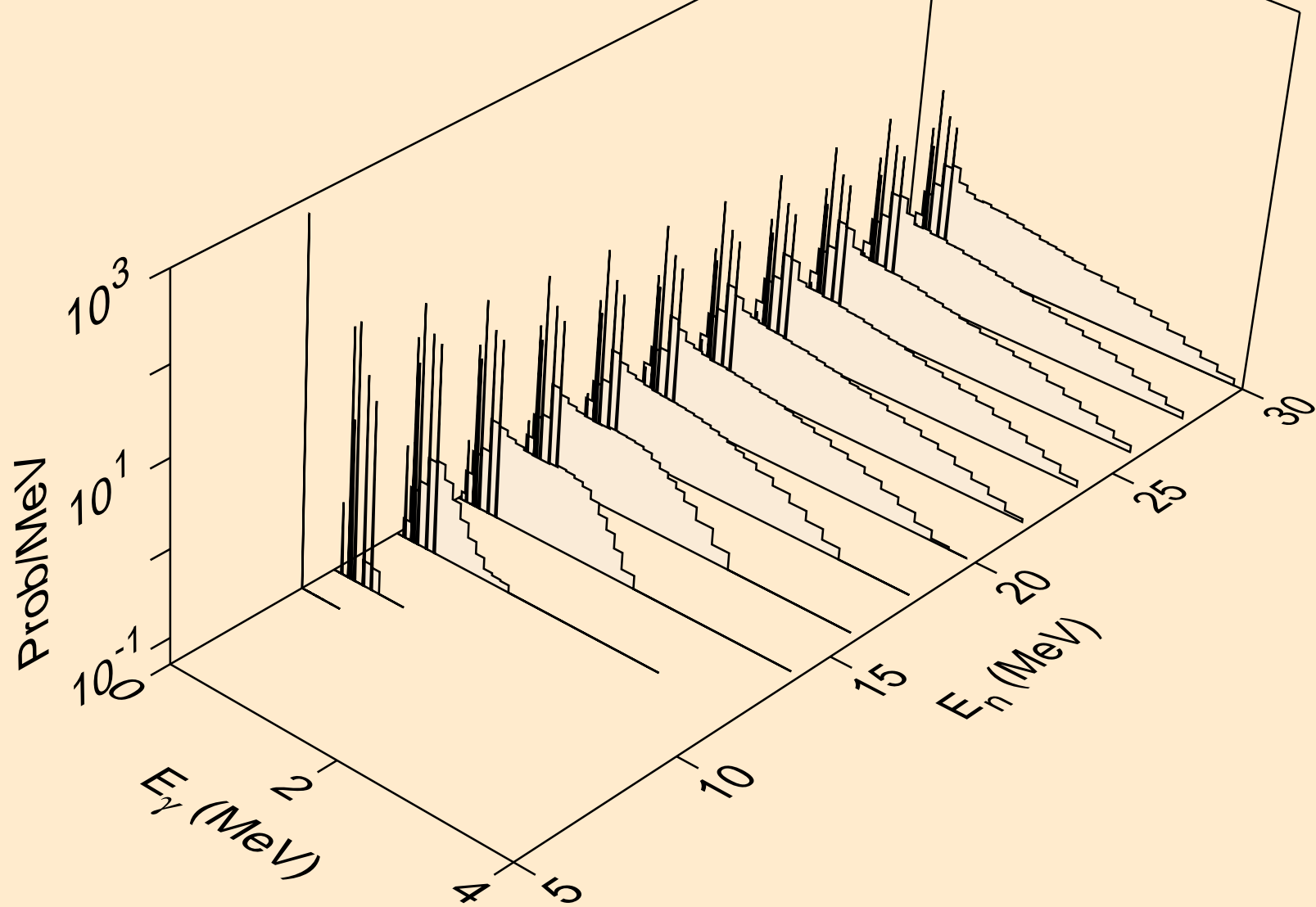
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

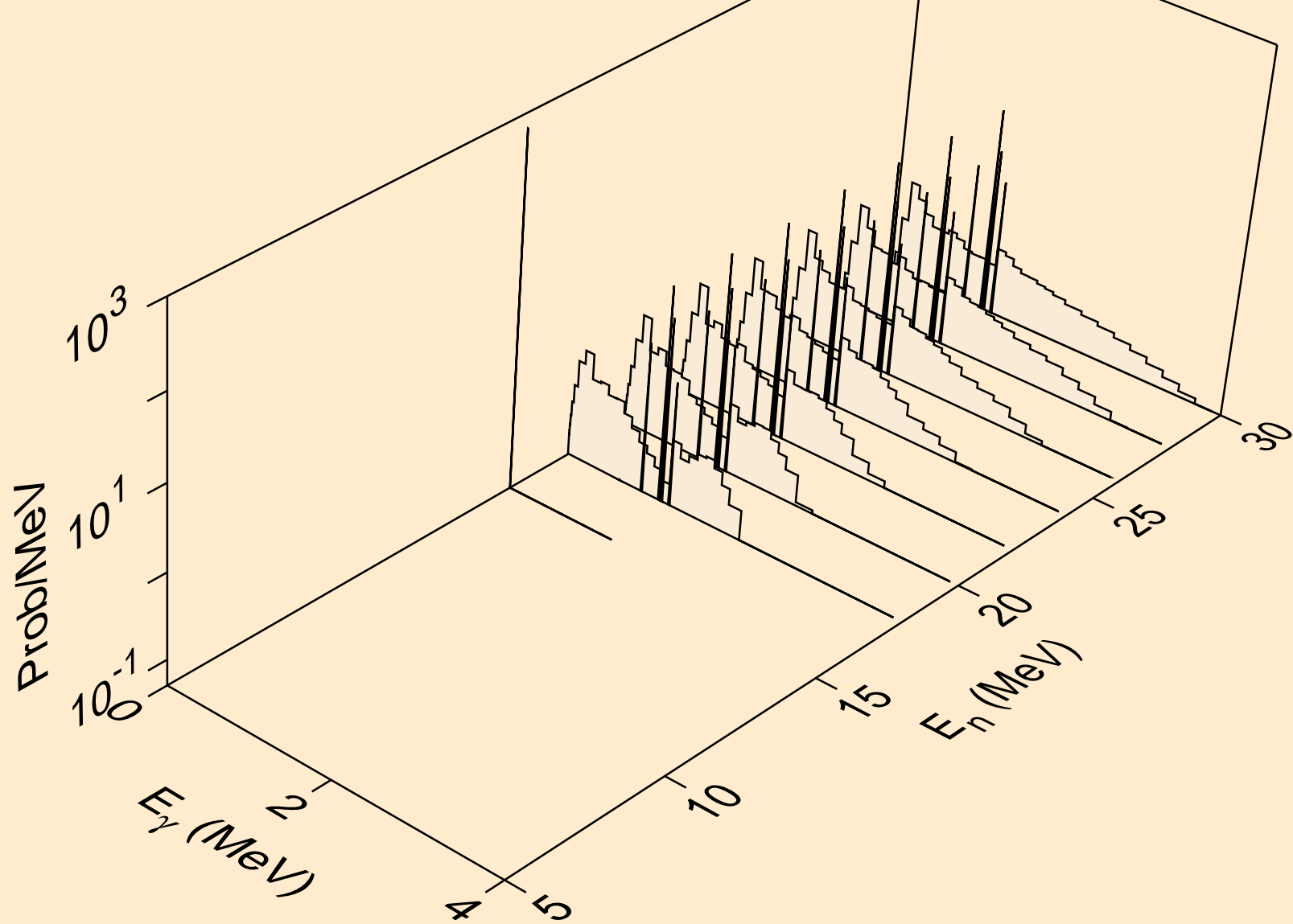


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

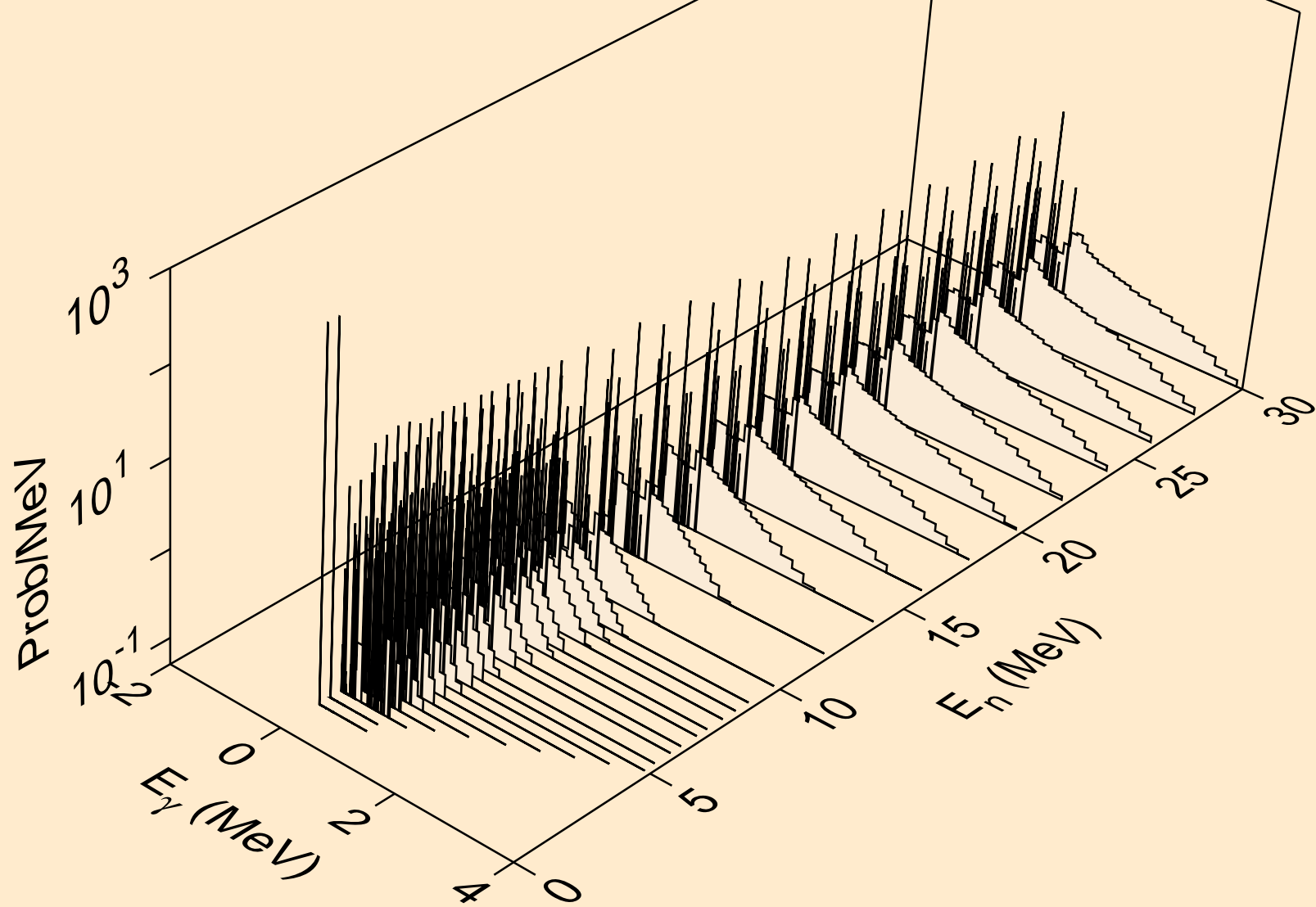




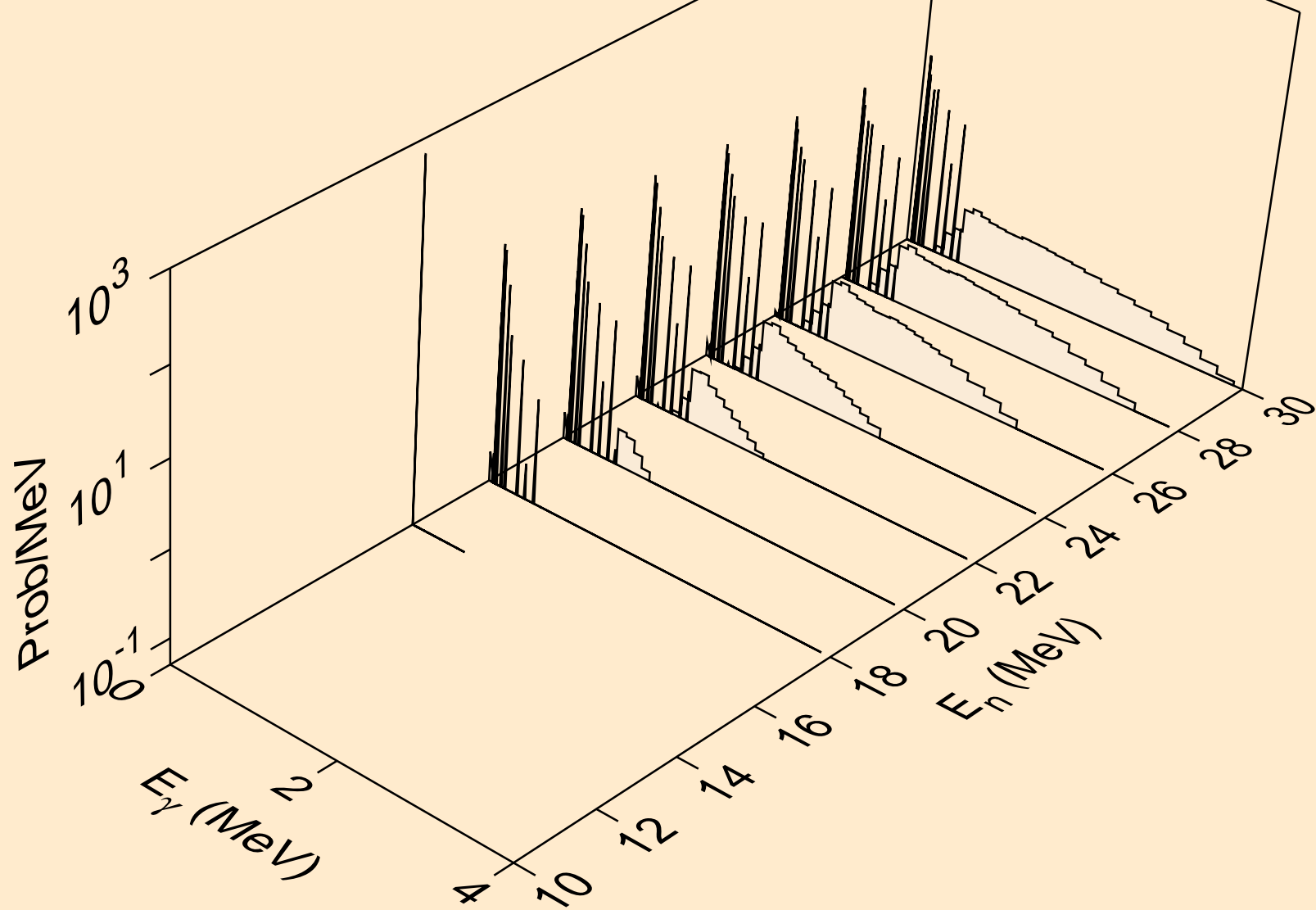
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



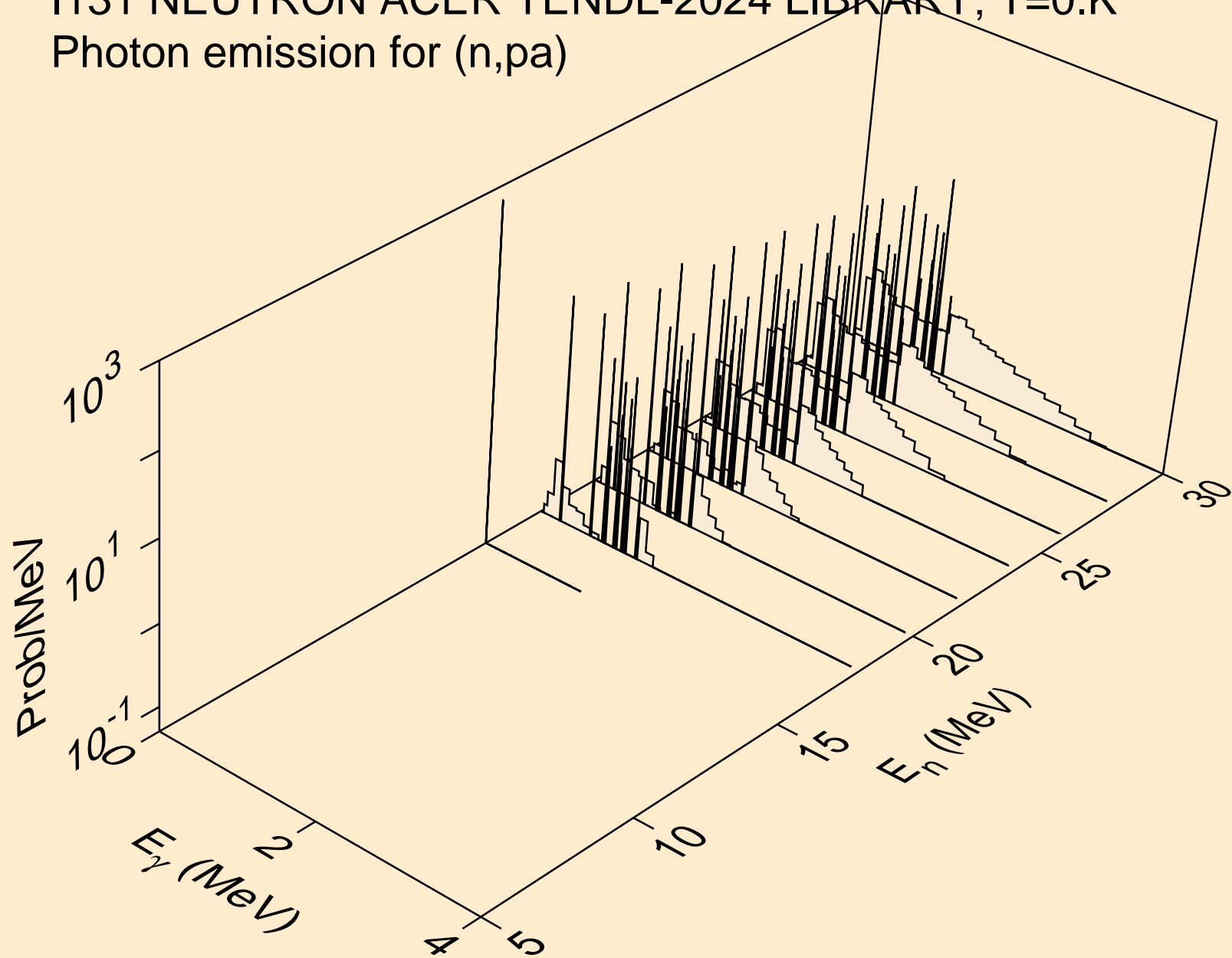
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



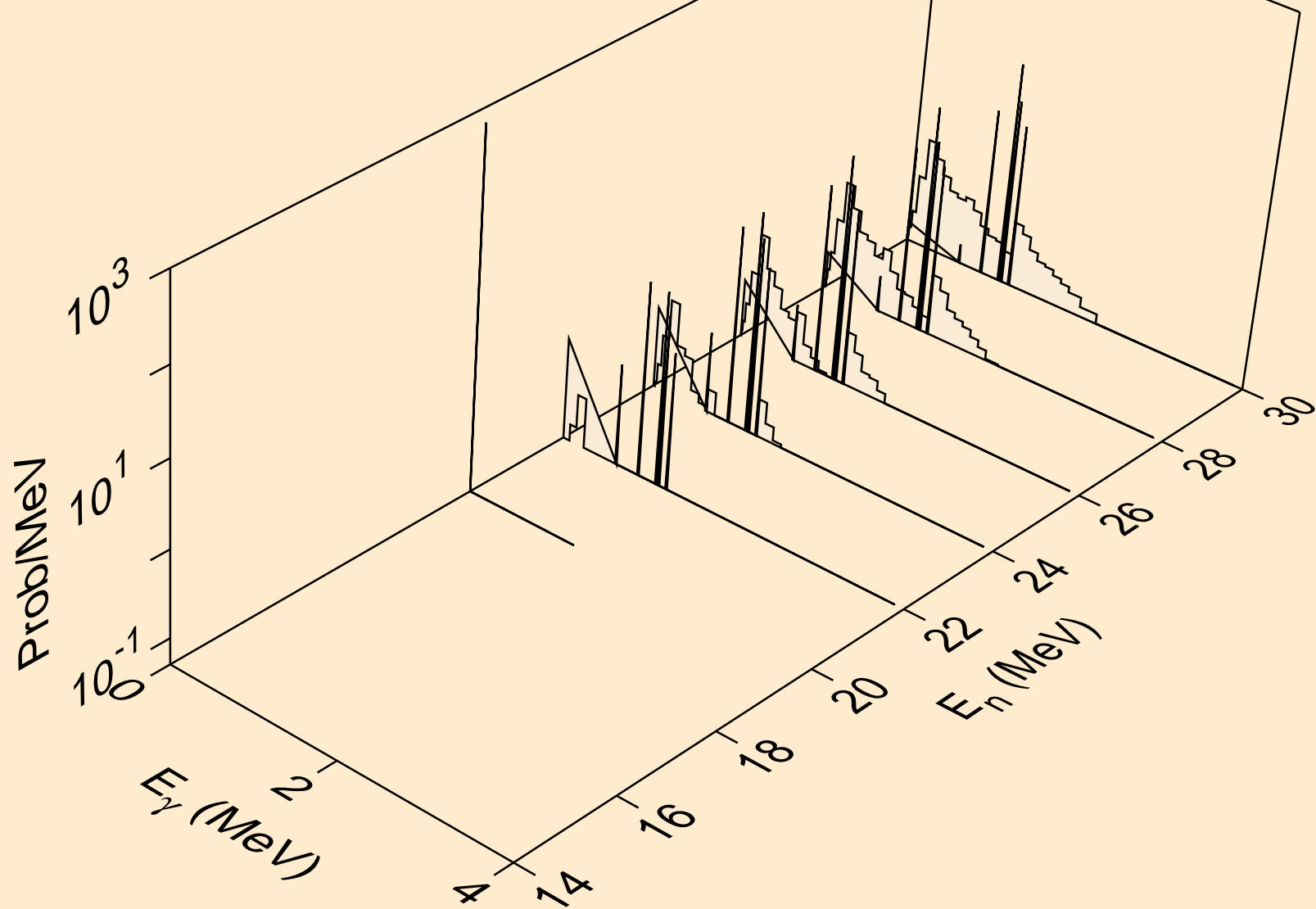
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



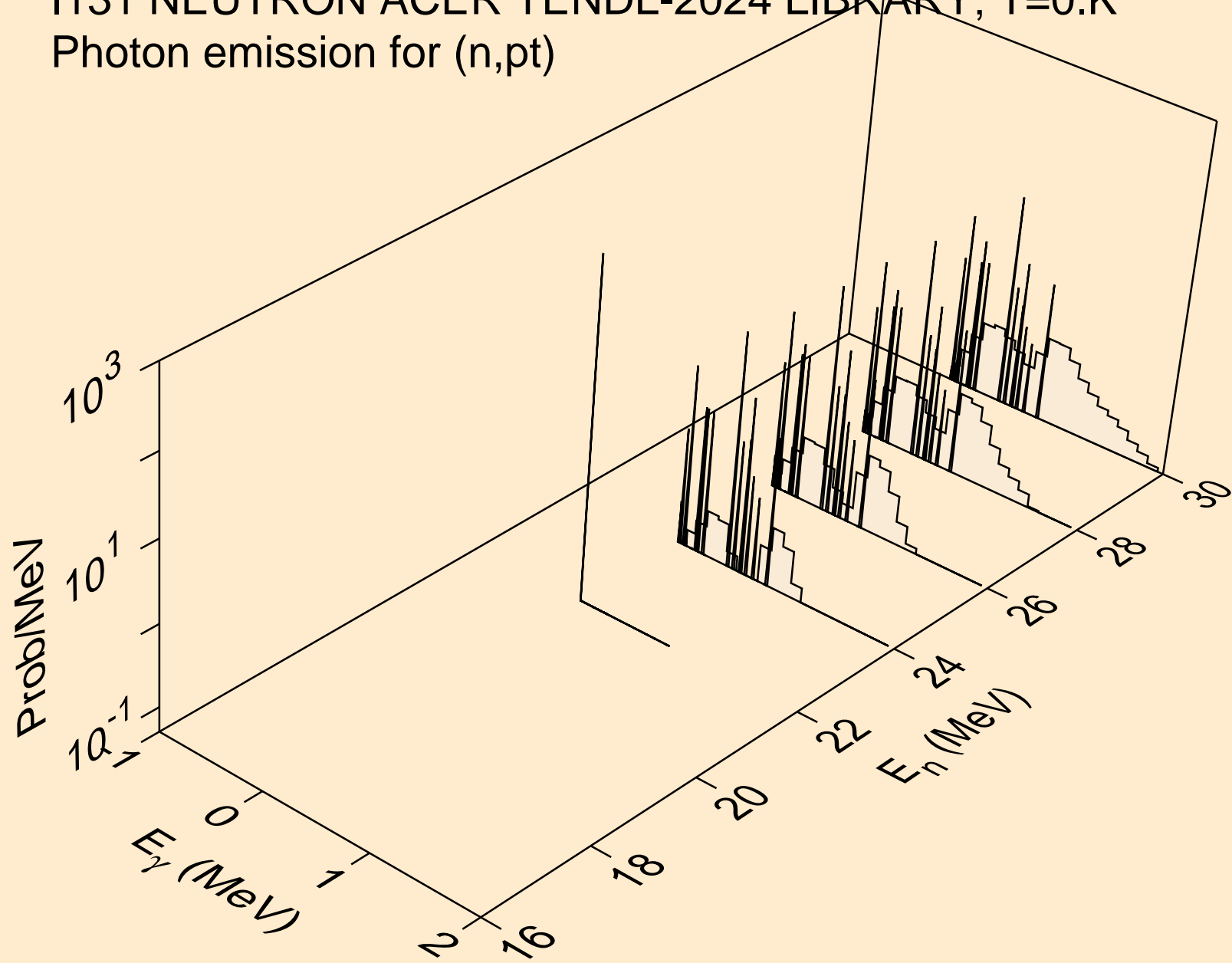
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



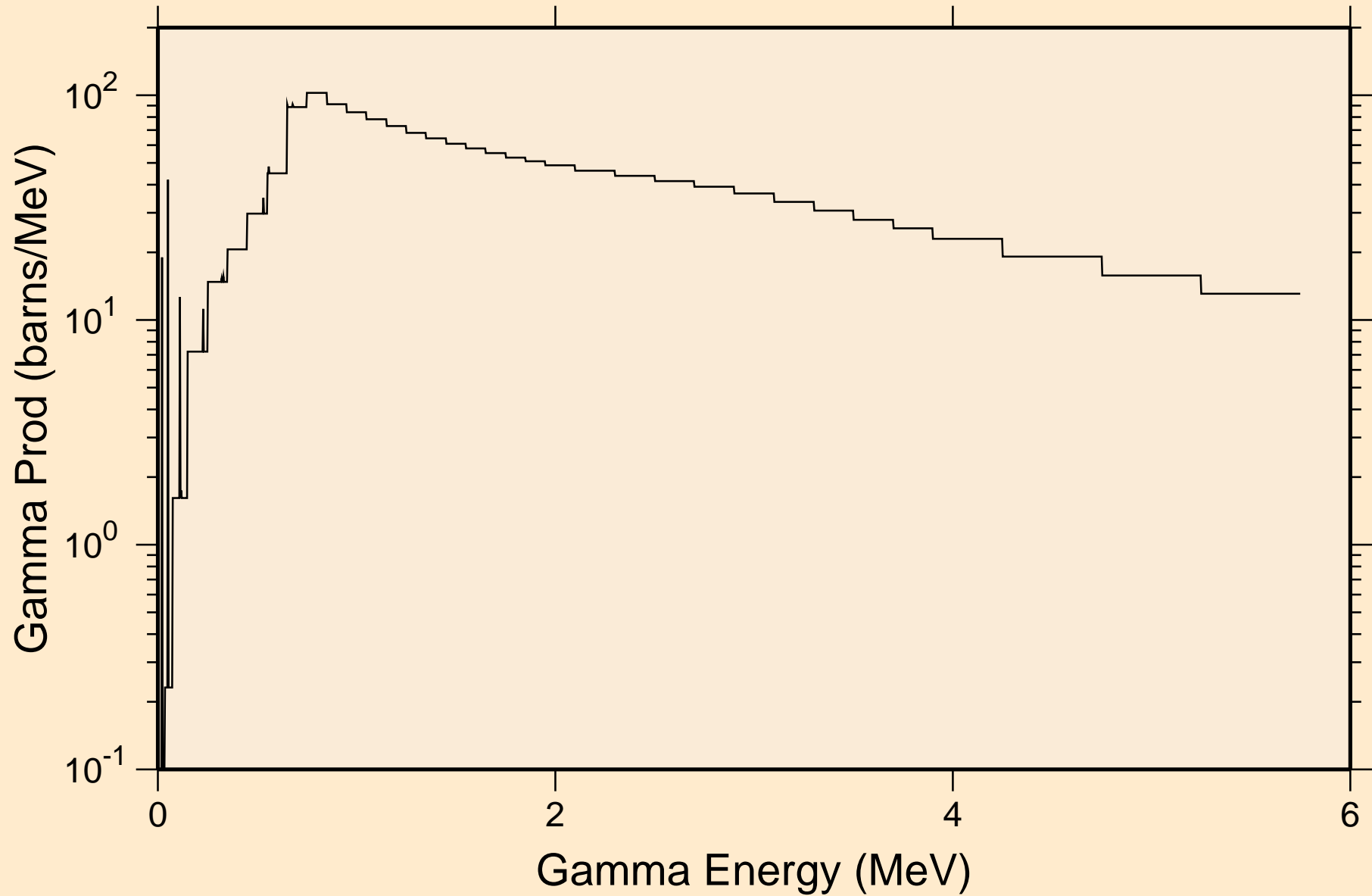
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



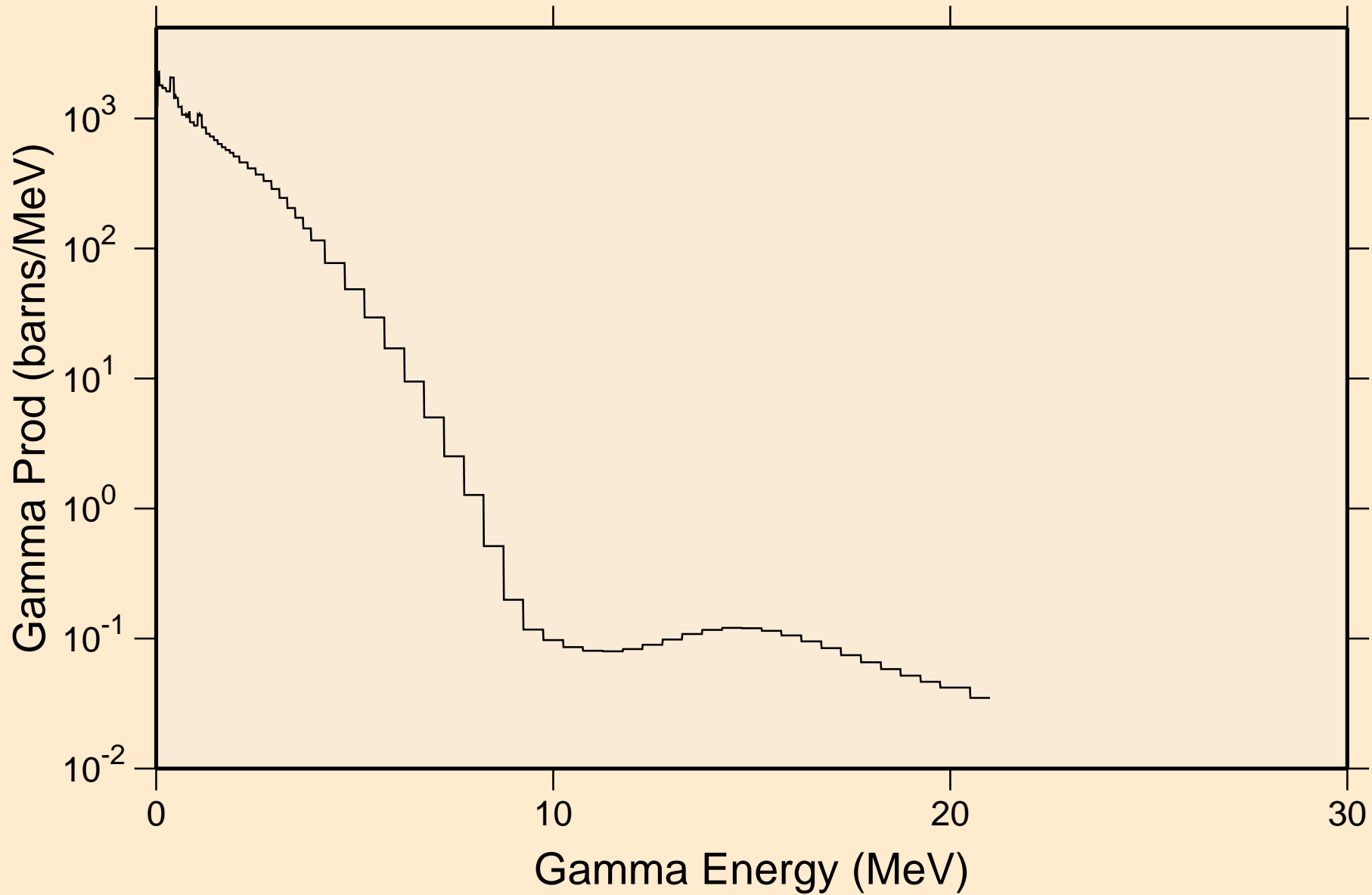
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



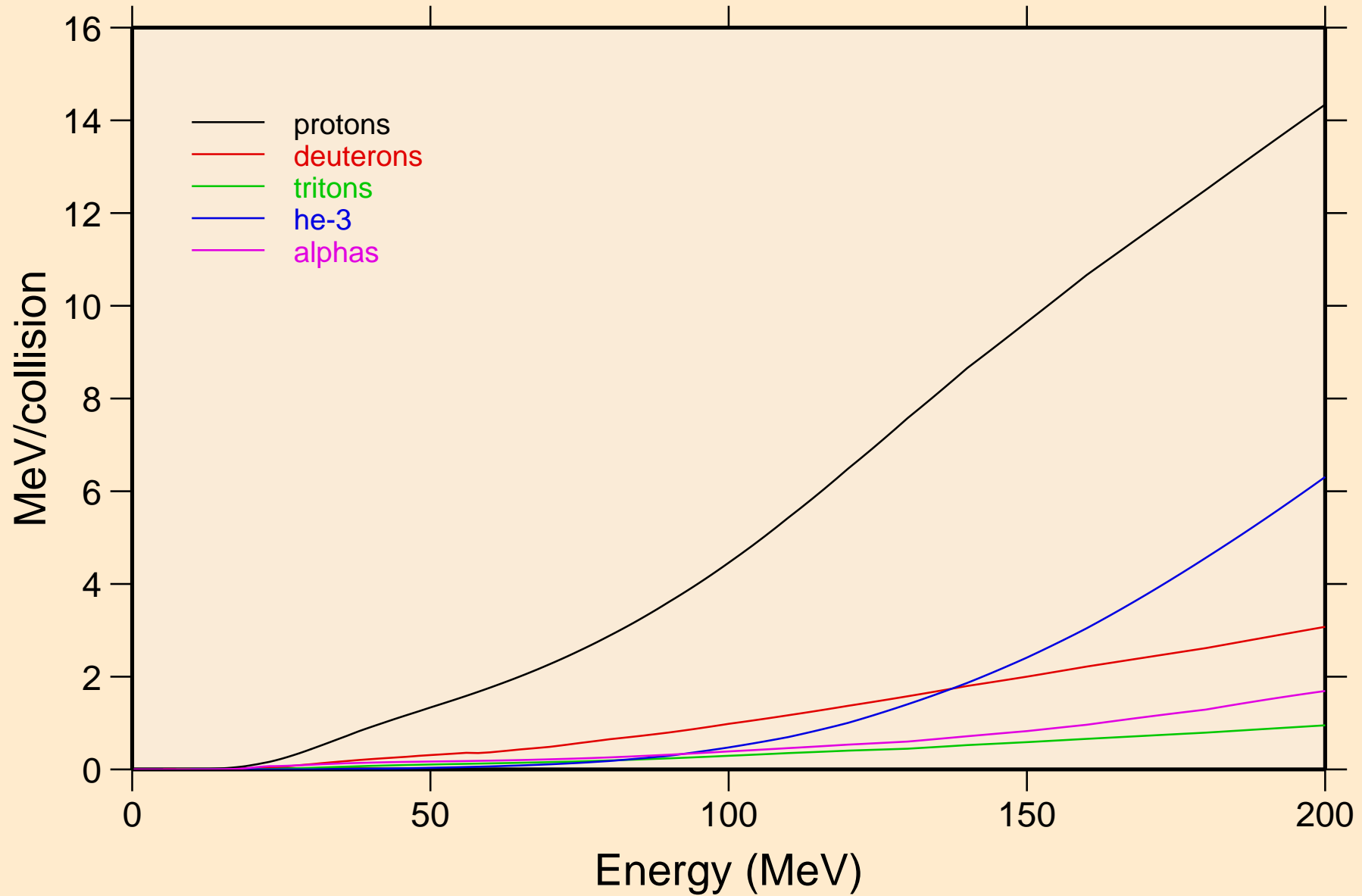
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum





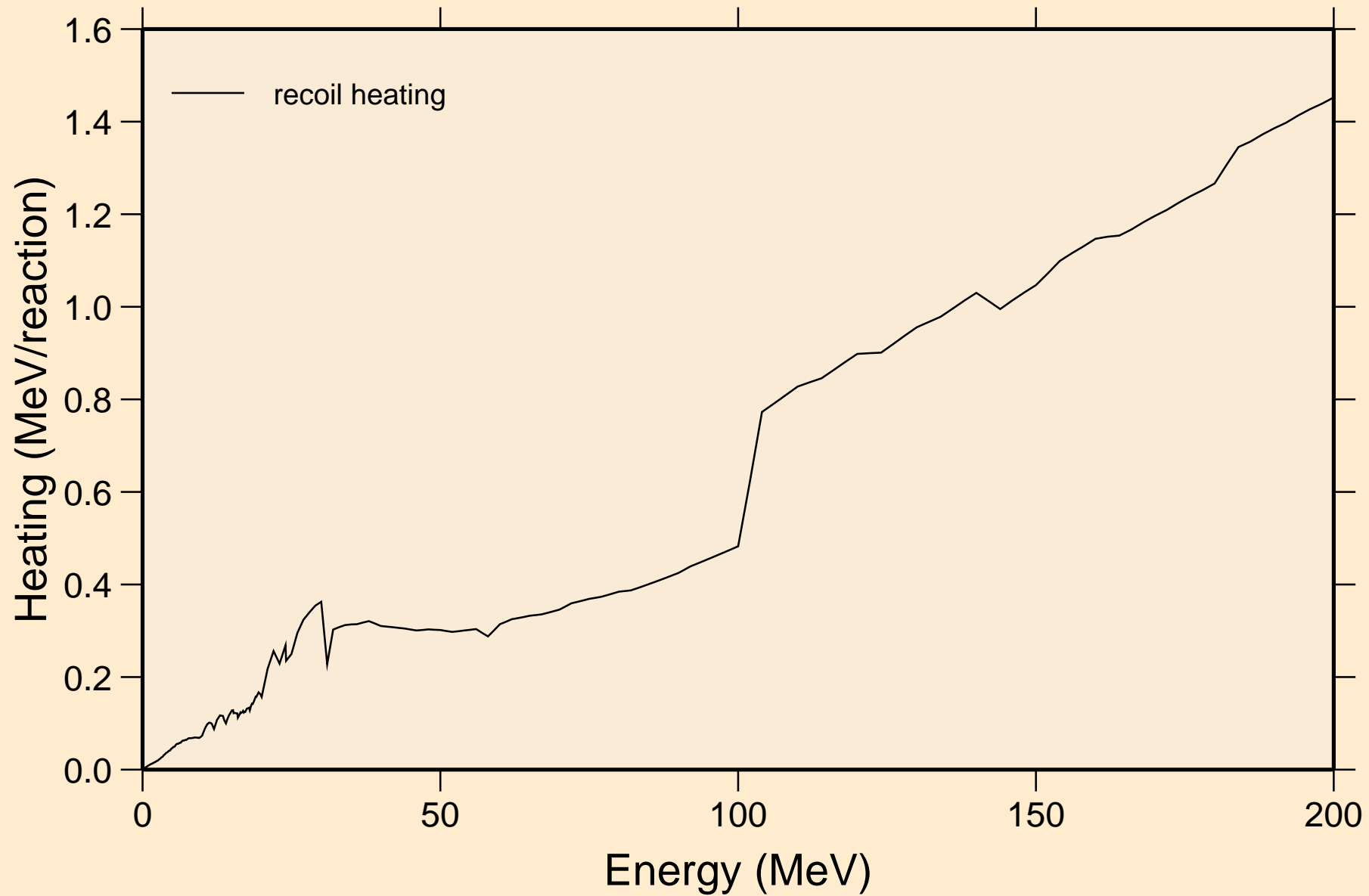
# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



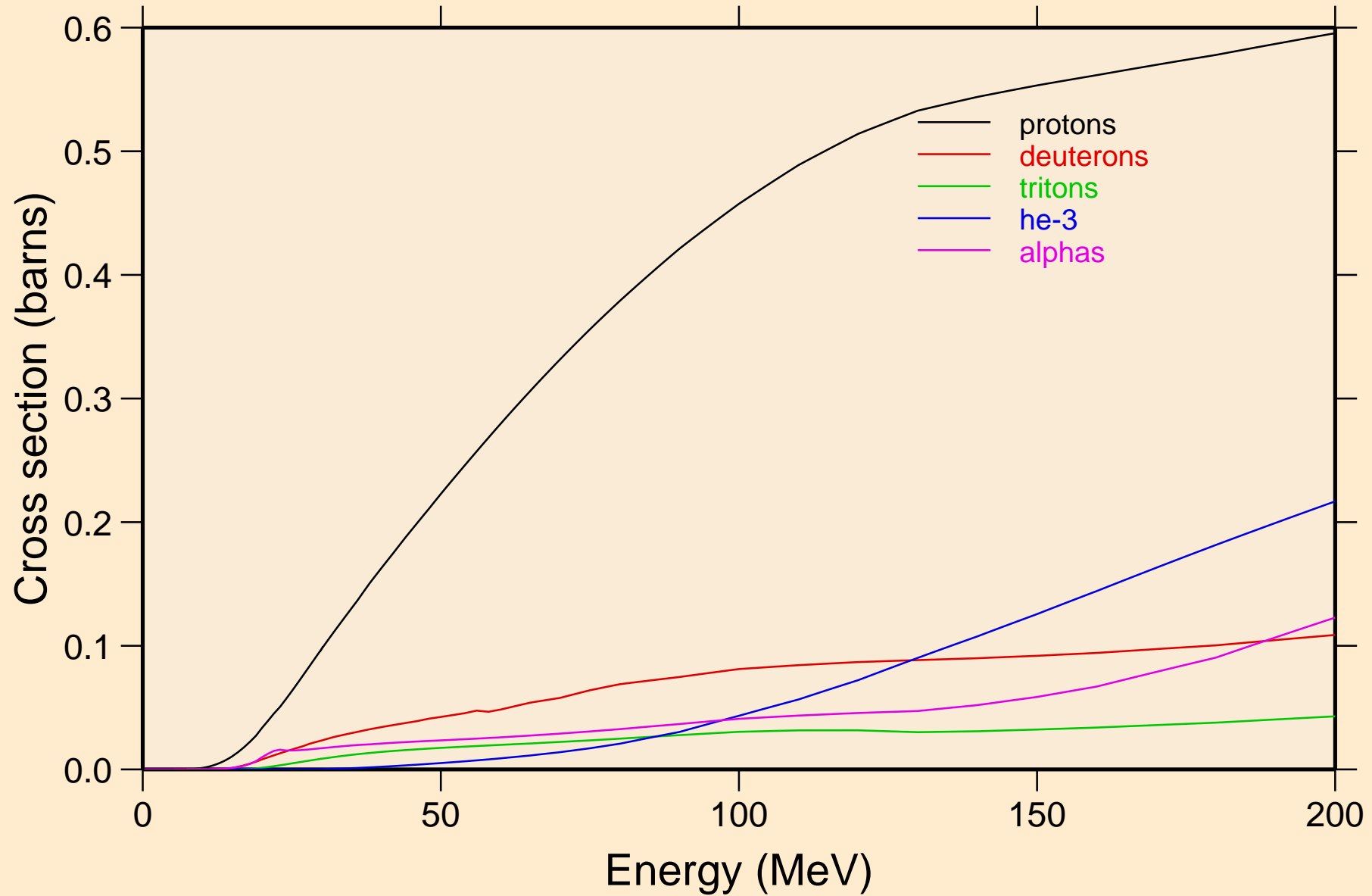
# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

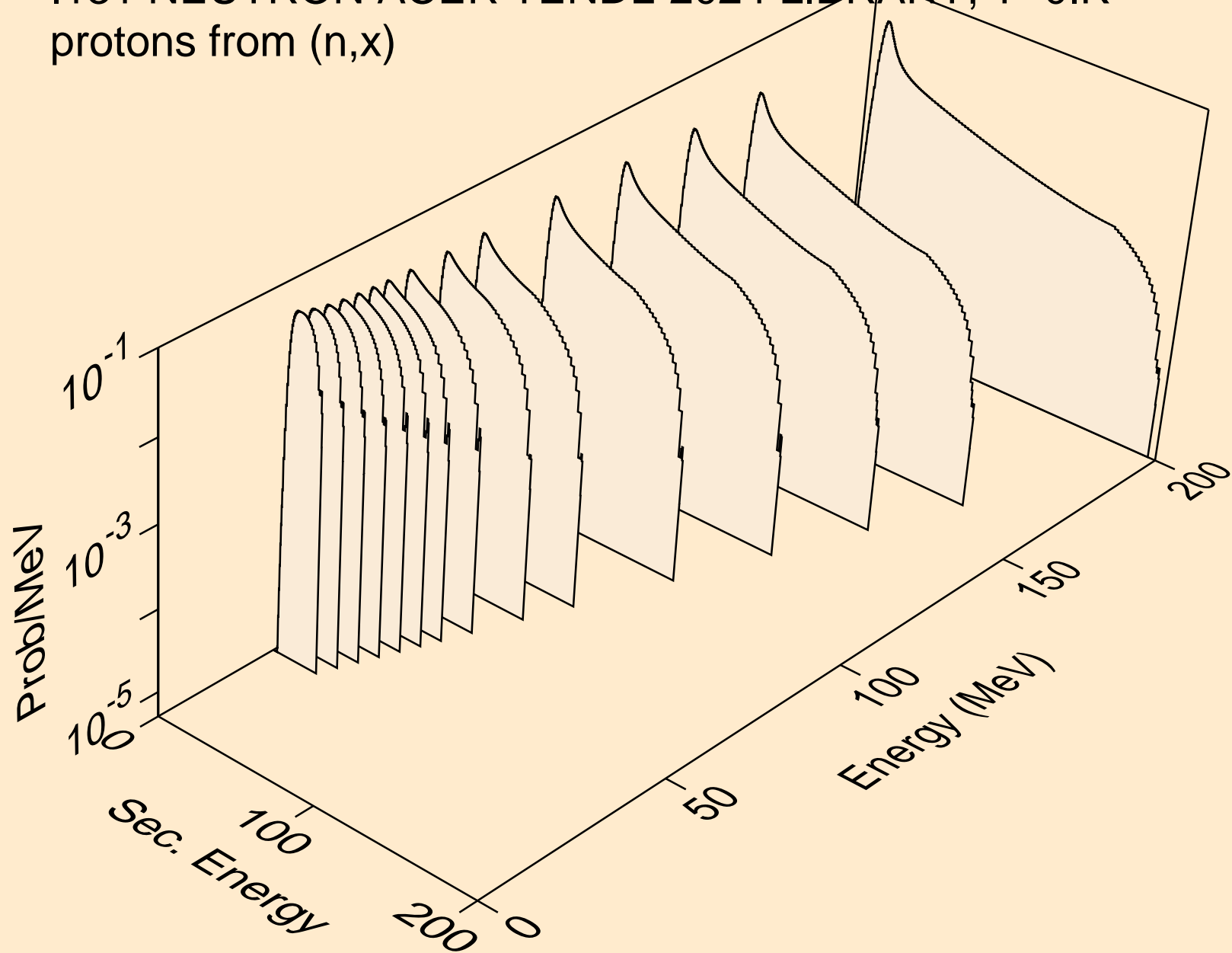


# I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

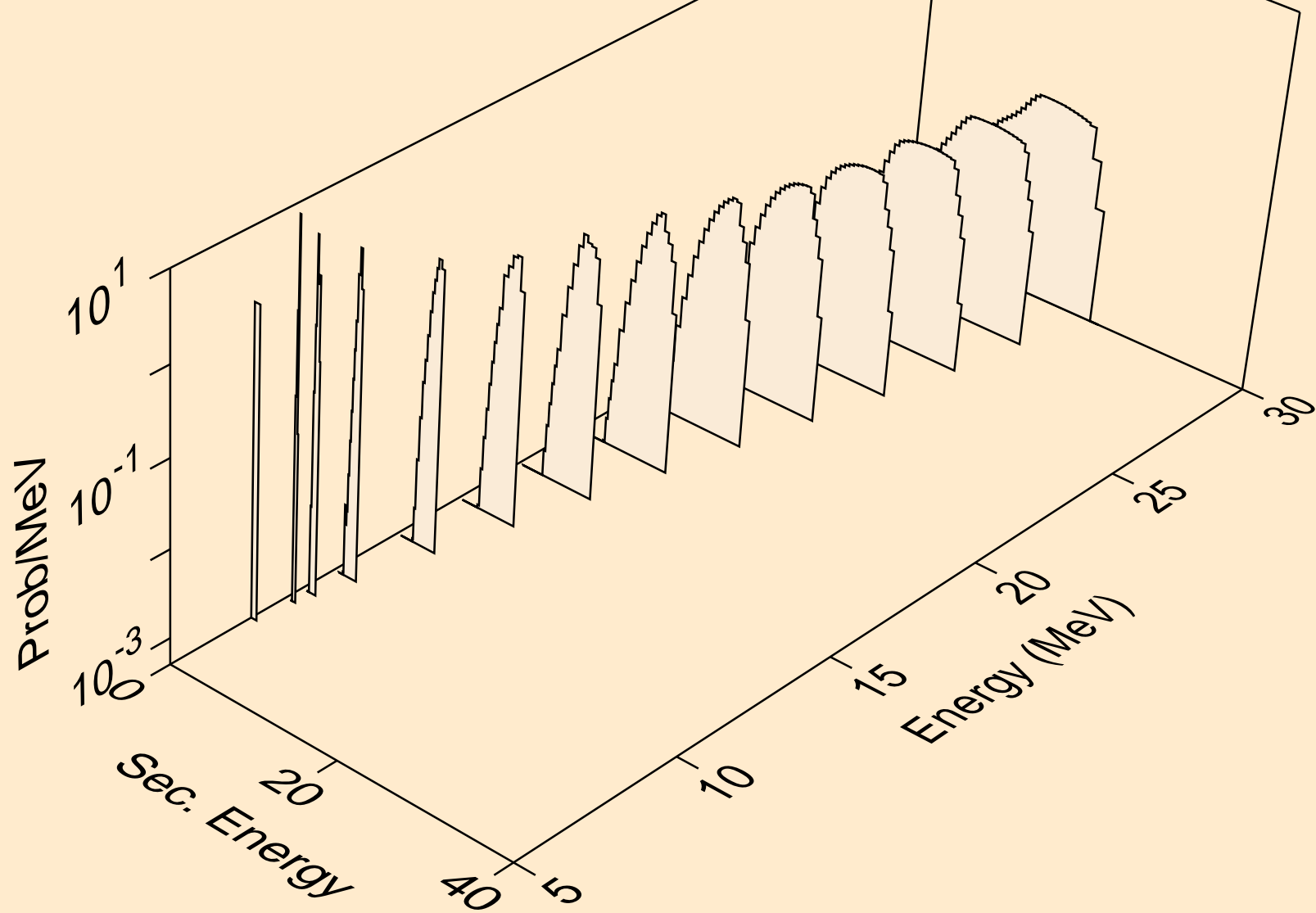
## Particle production cross sections



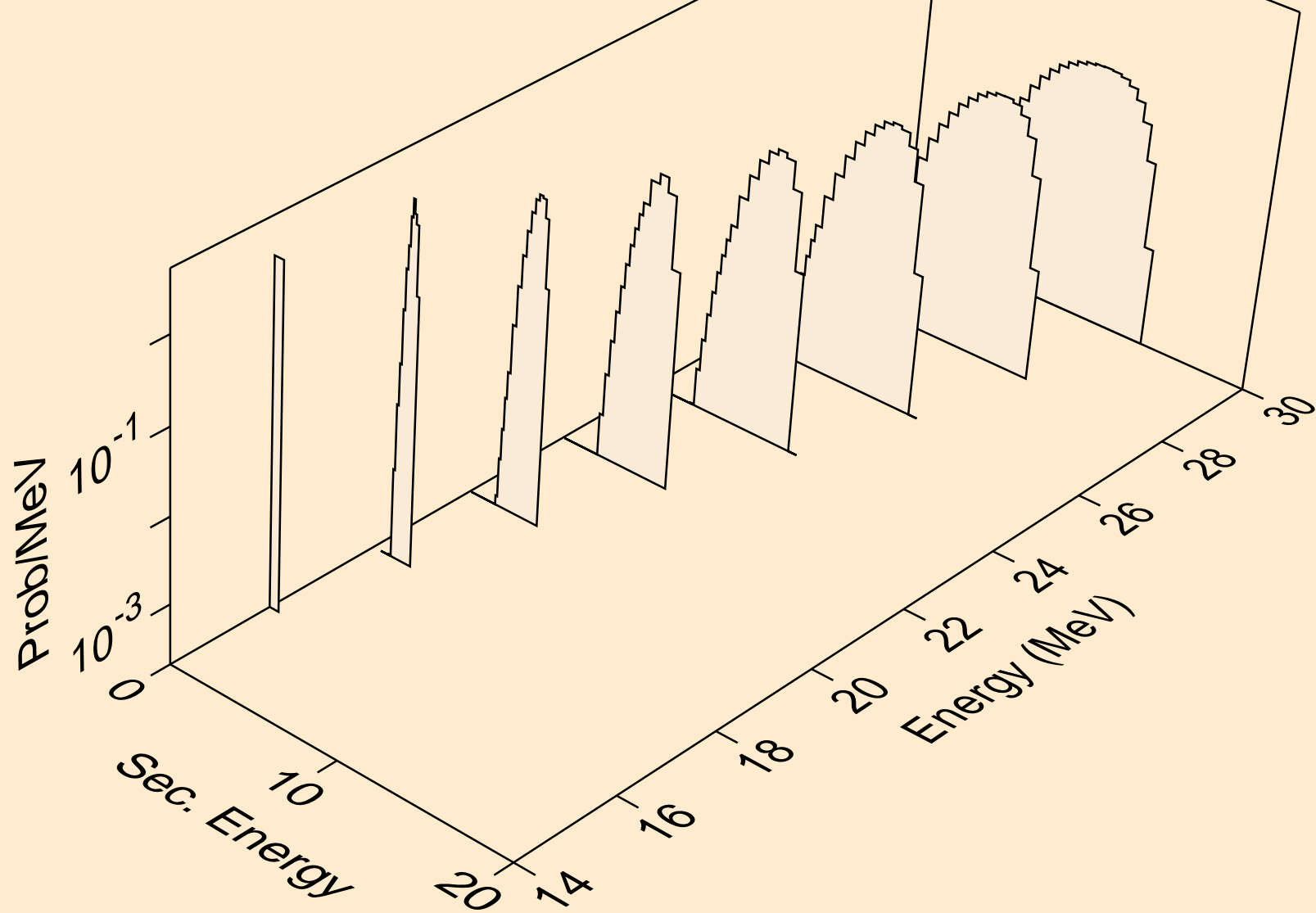
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



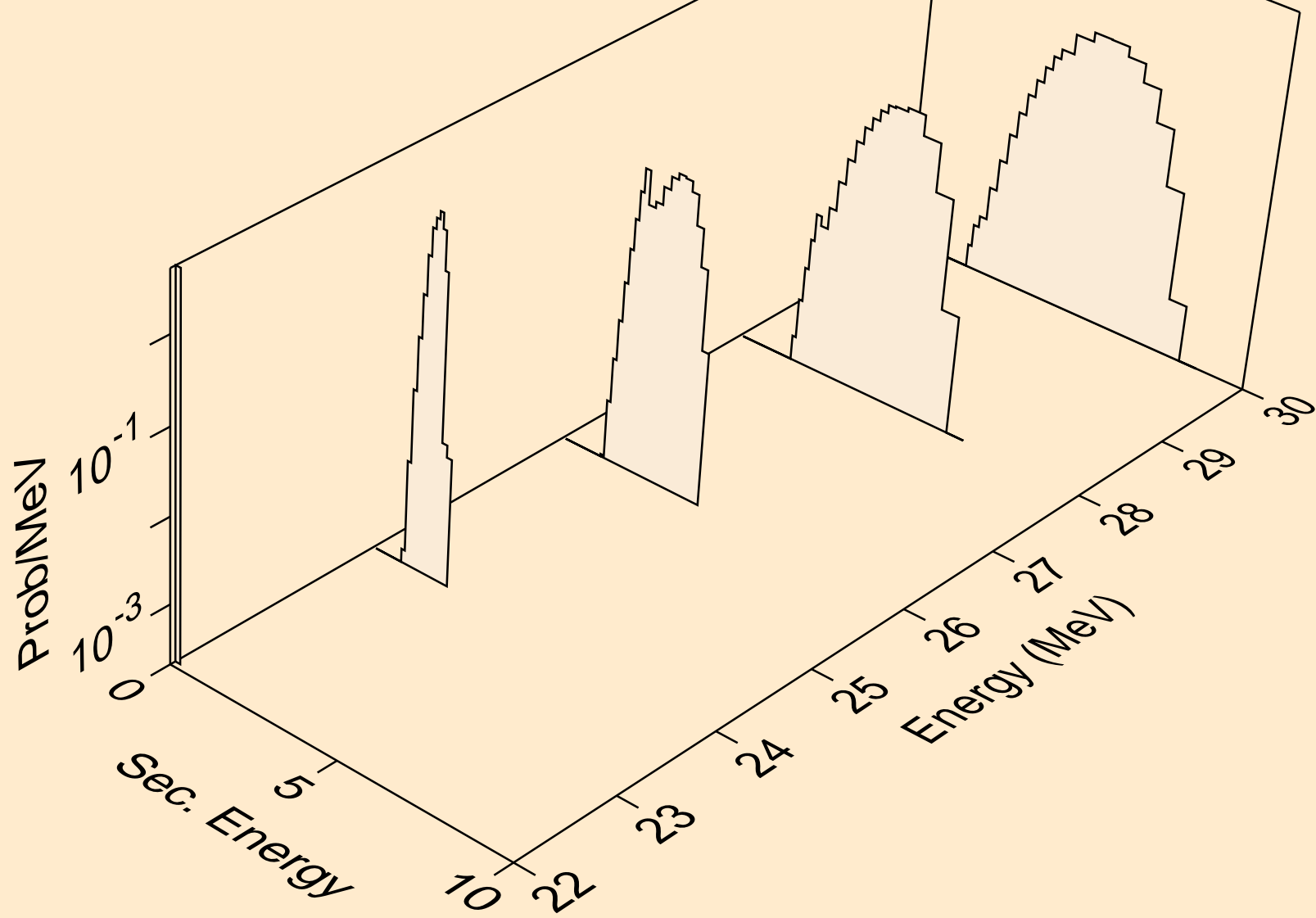
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



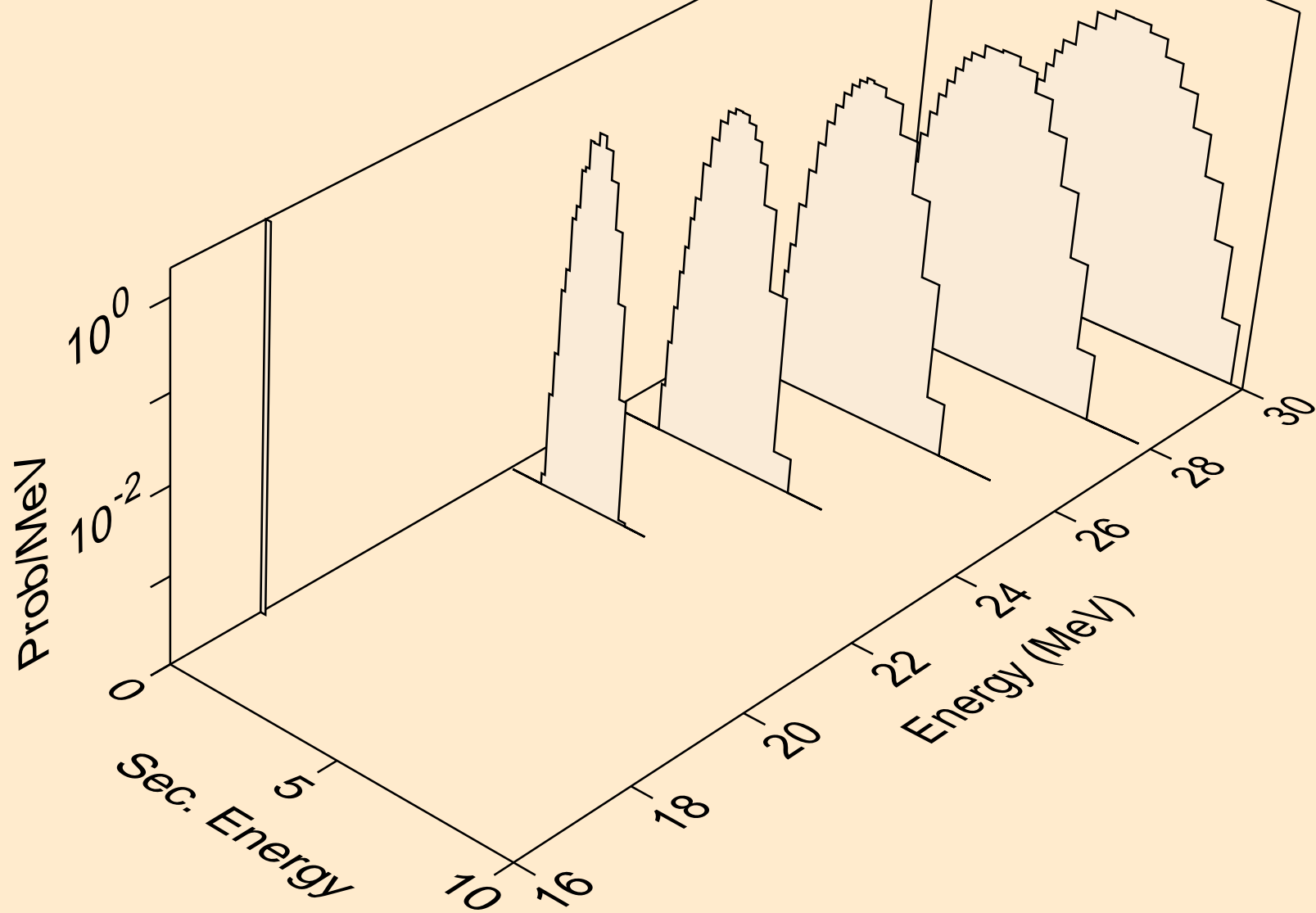
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

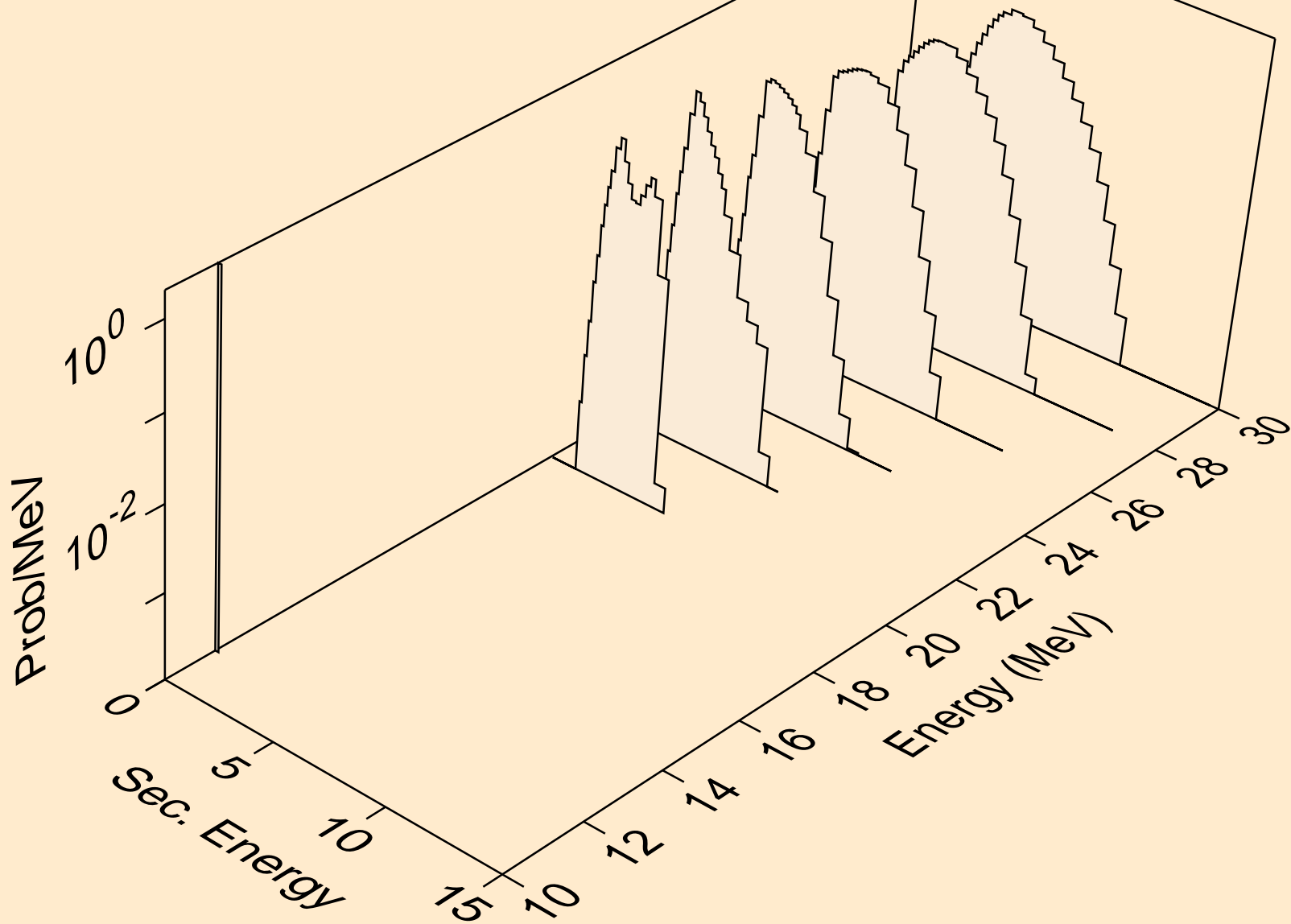


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)

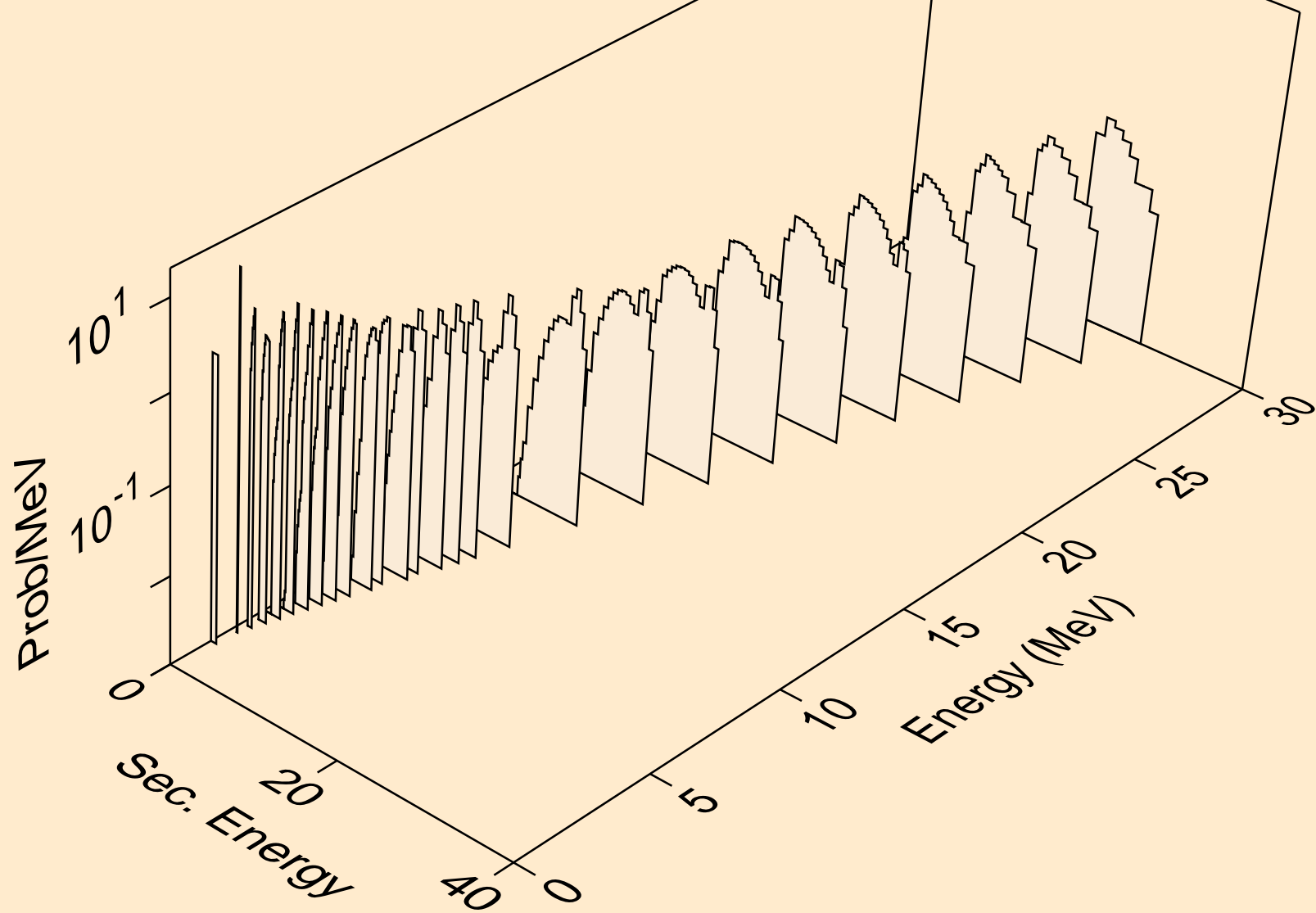




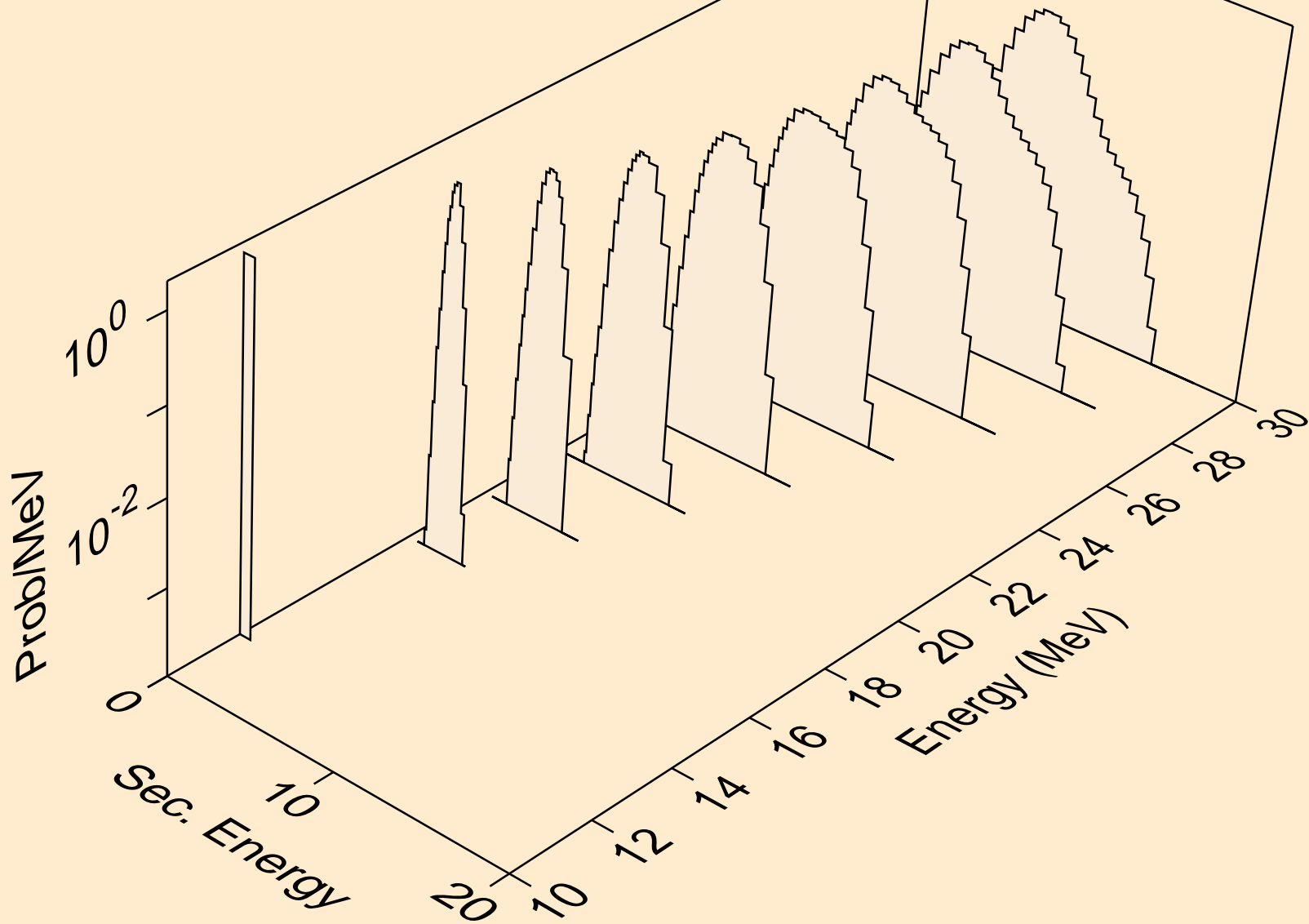
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



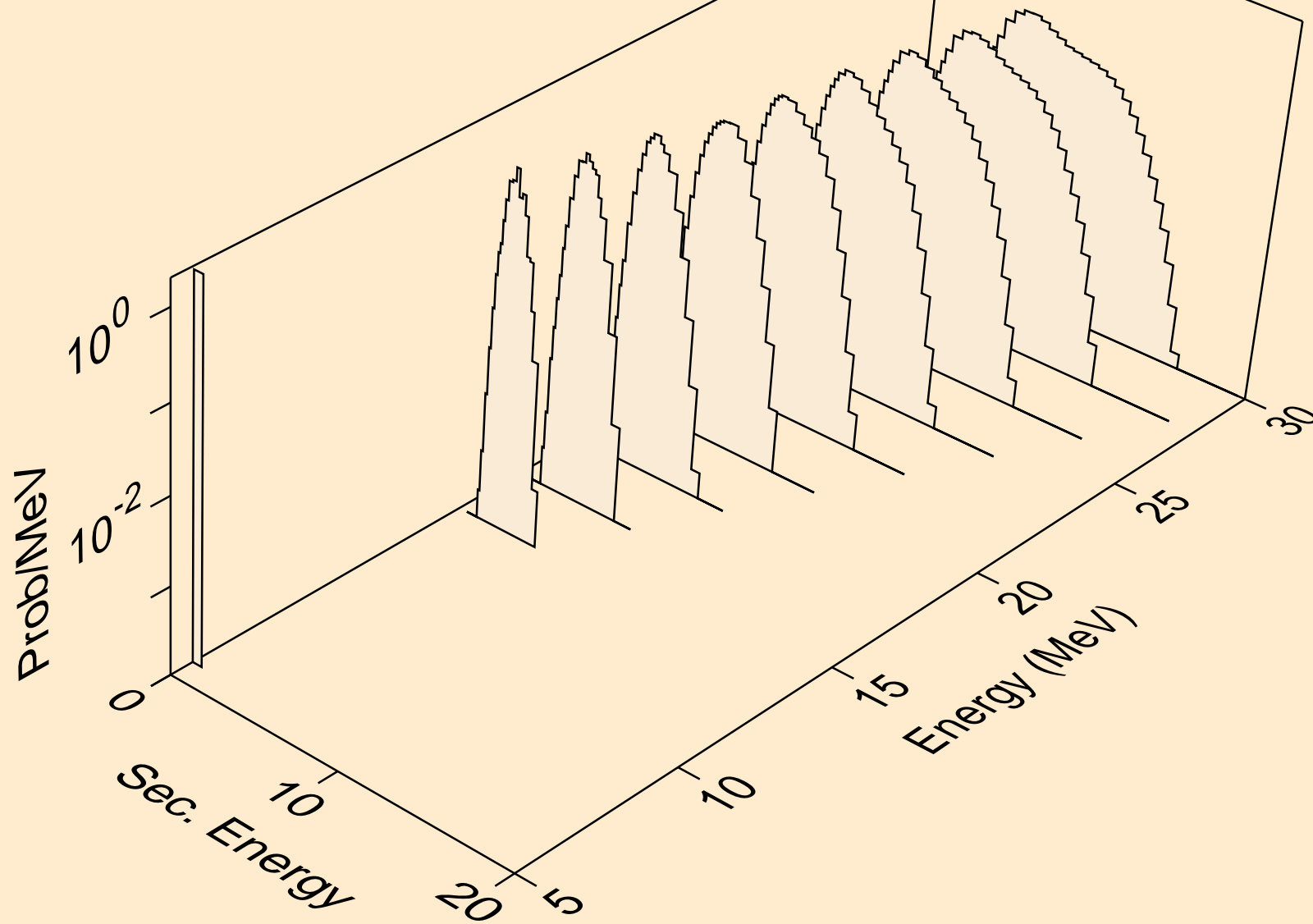
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



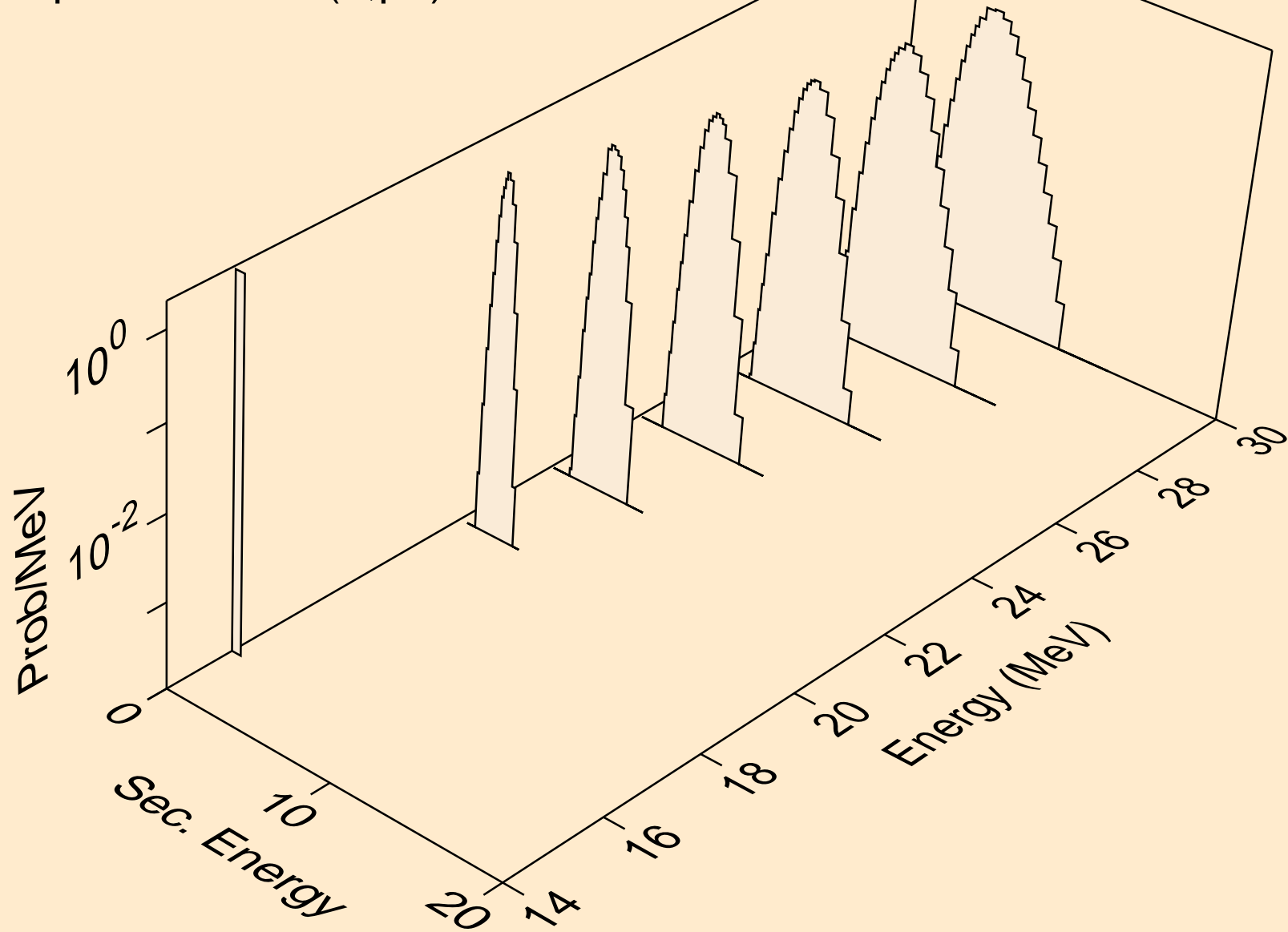
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



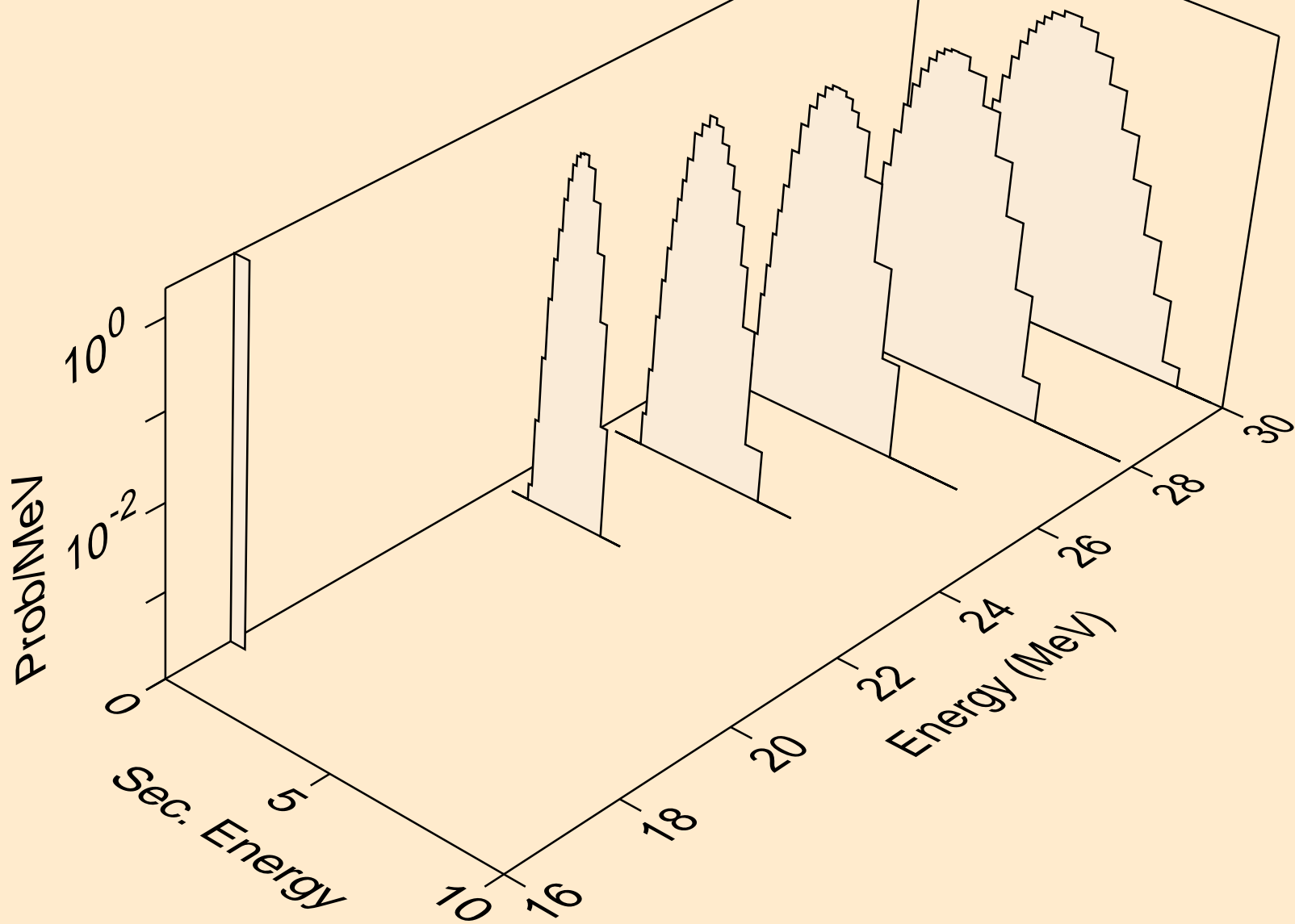
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pa)



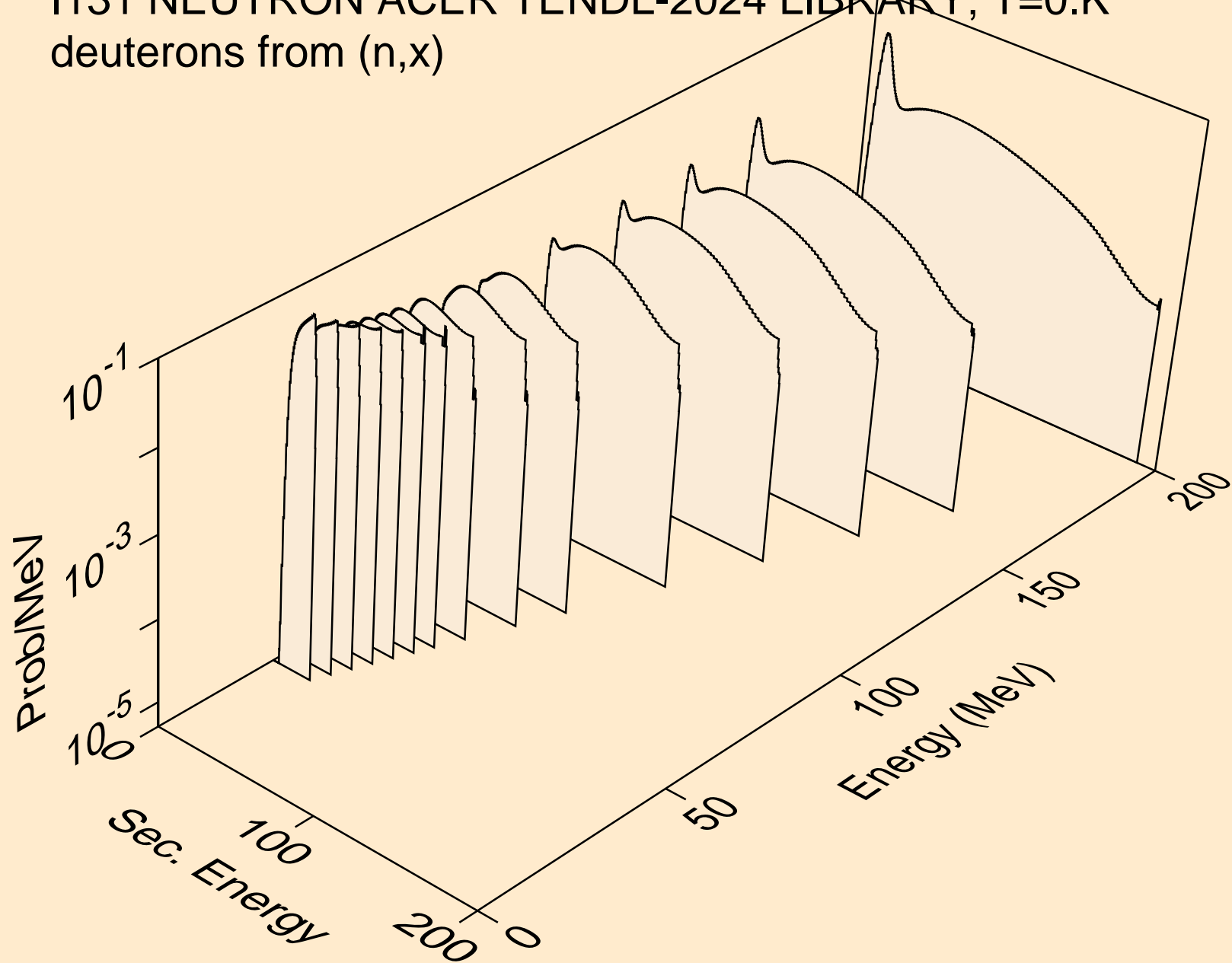
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



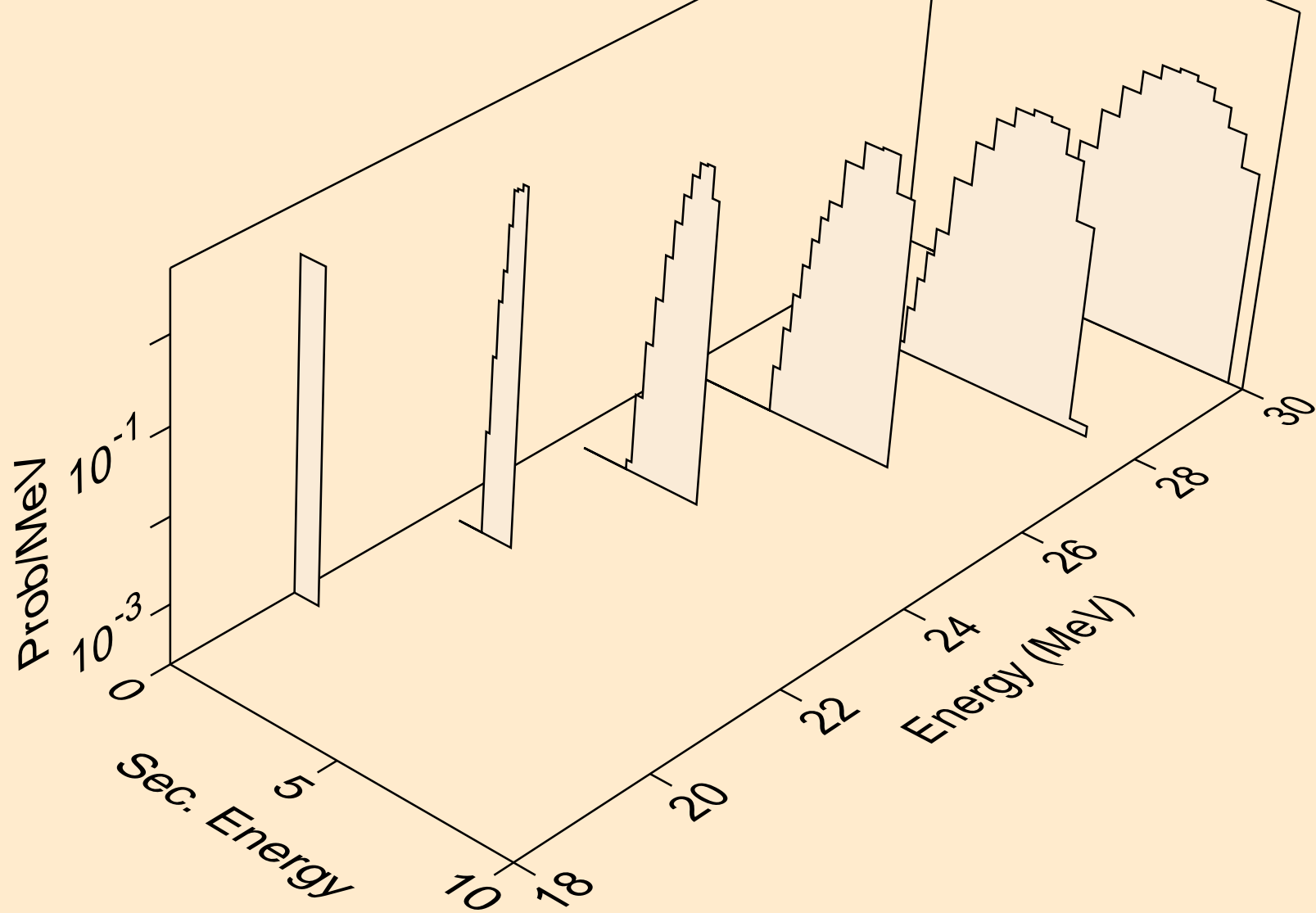
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

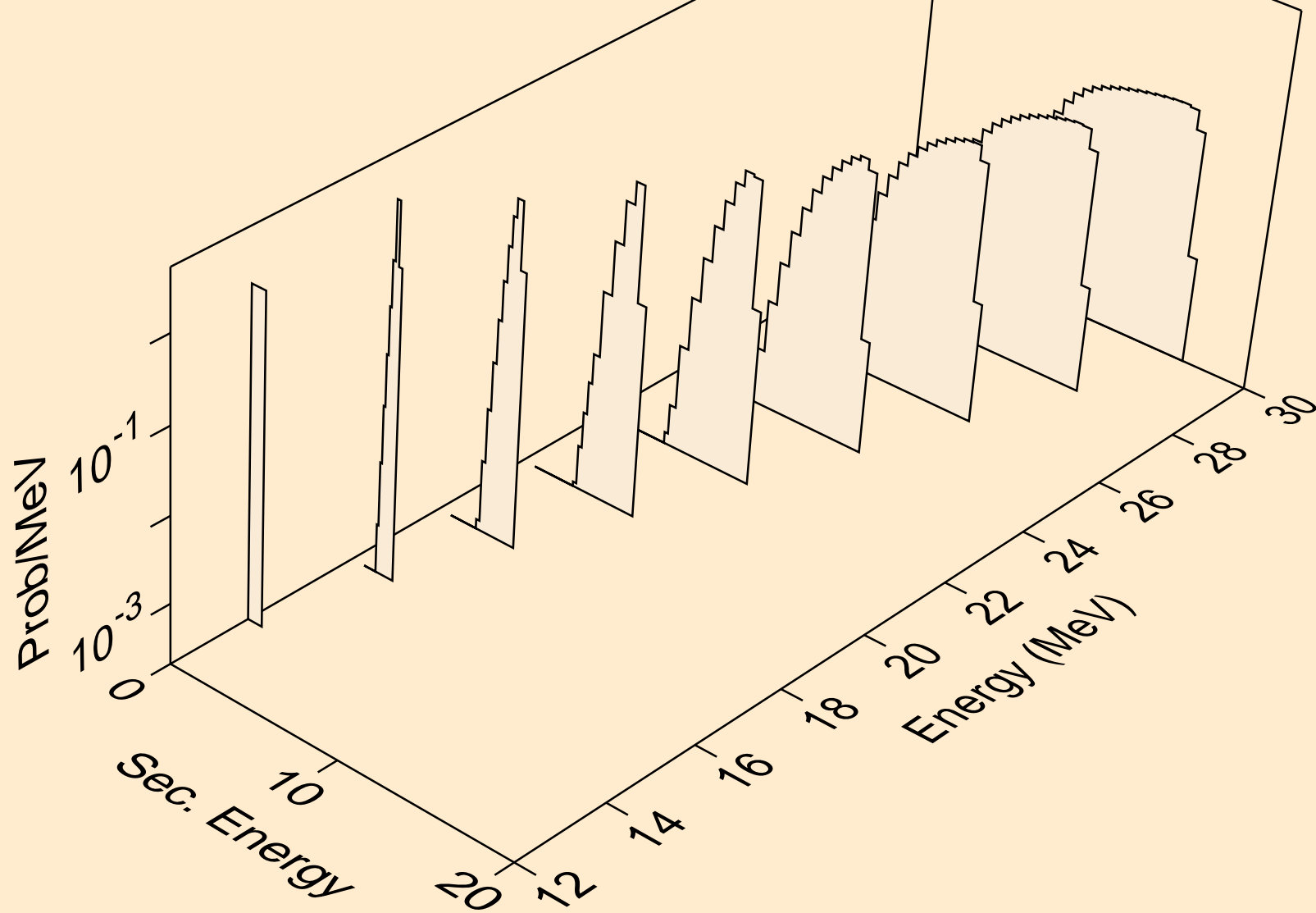


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

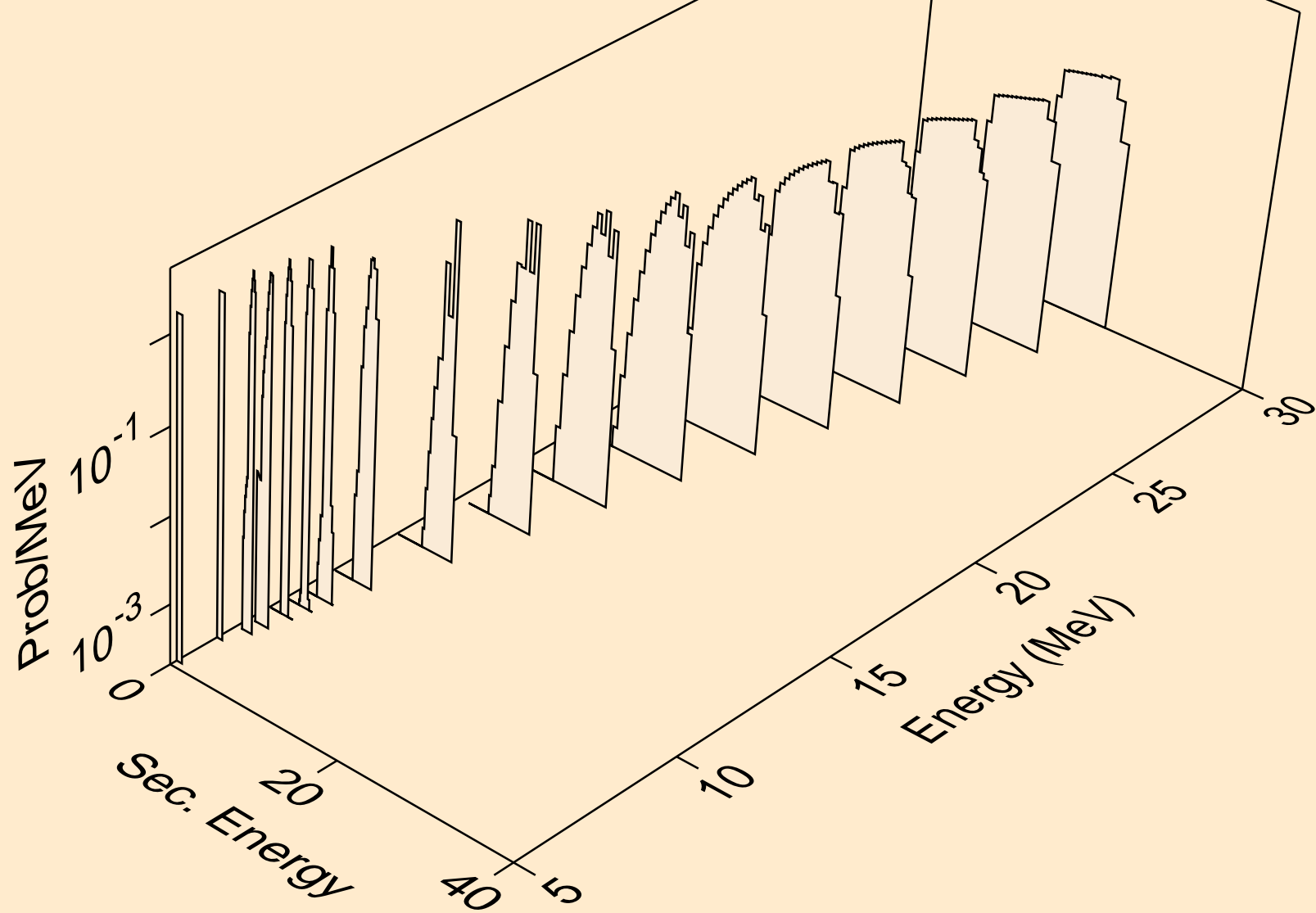




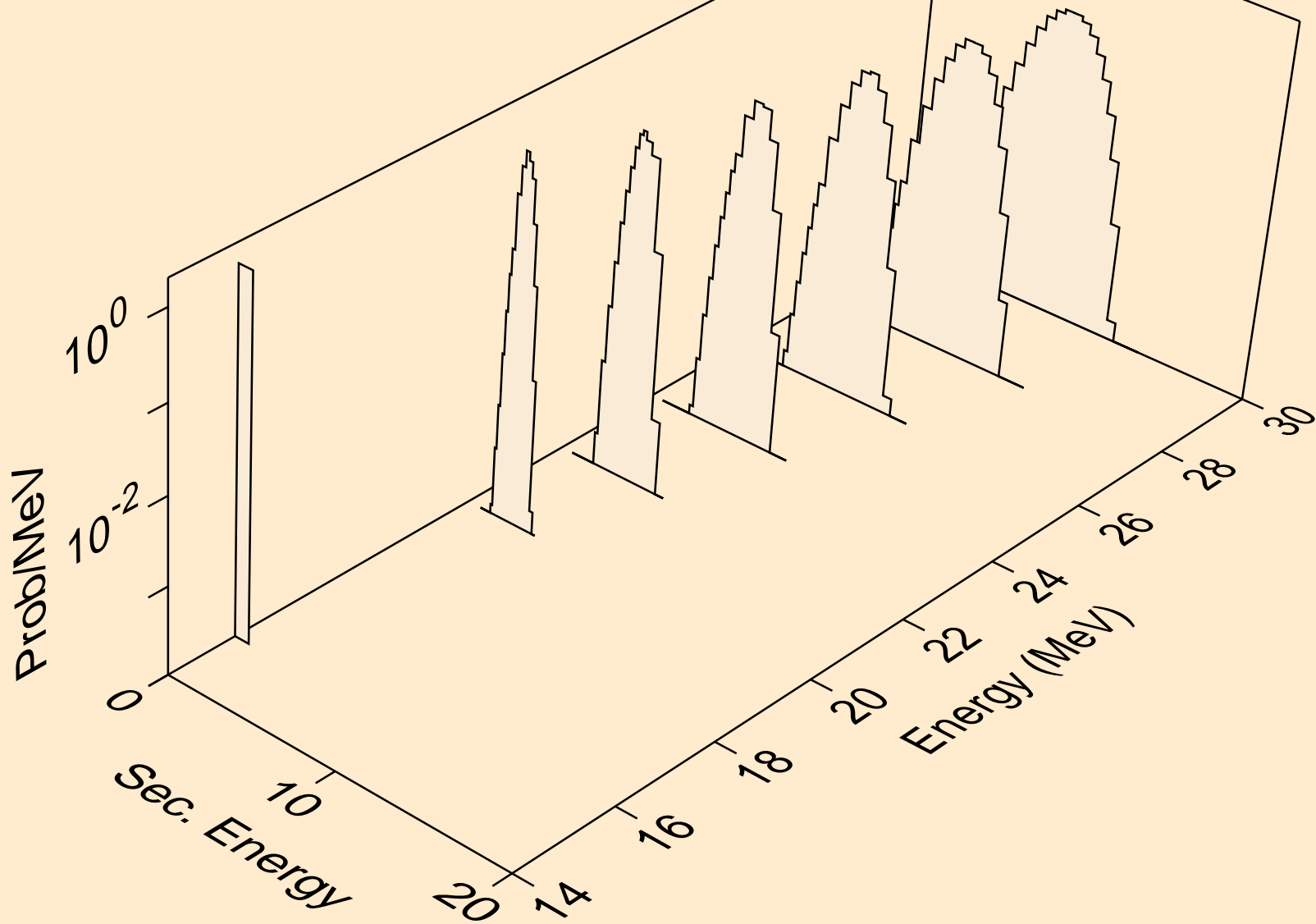
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



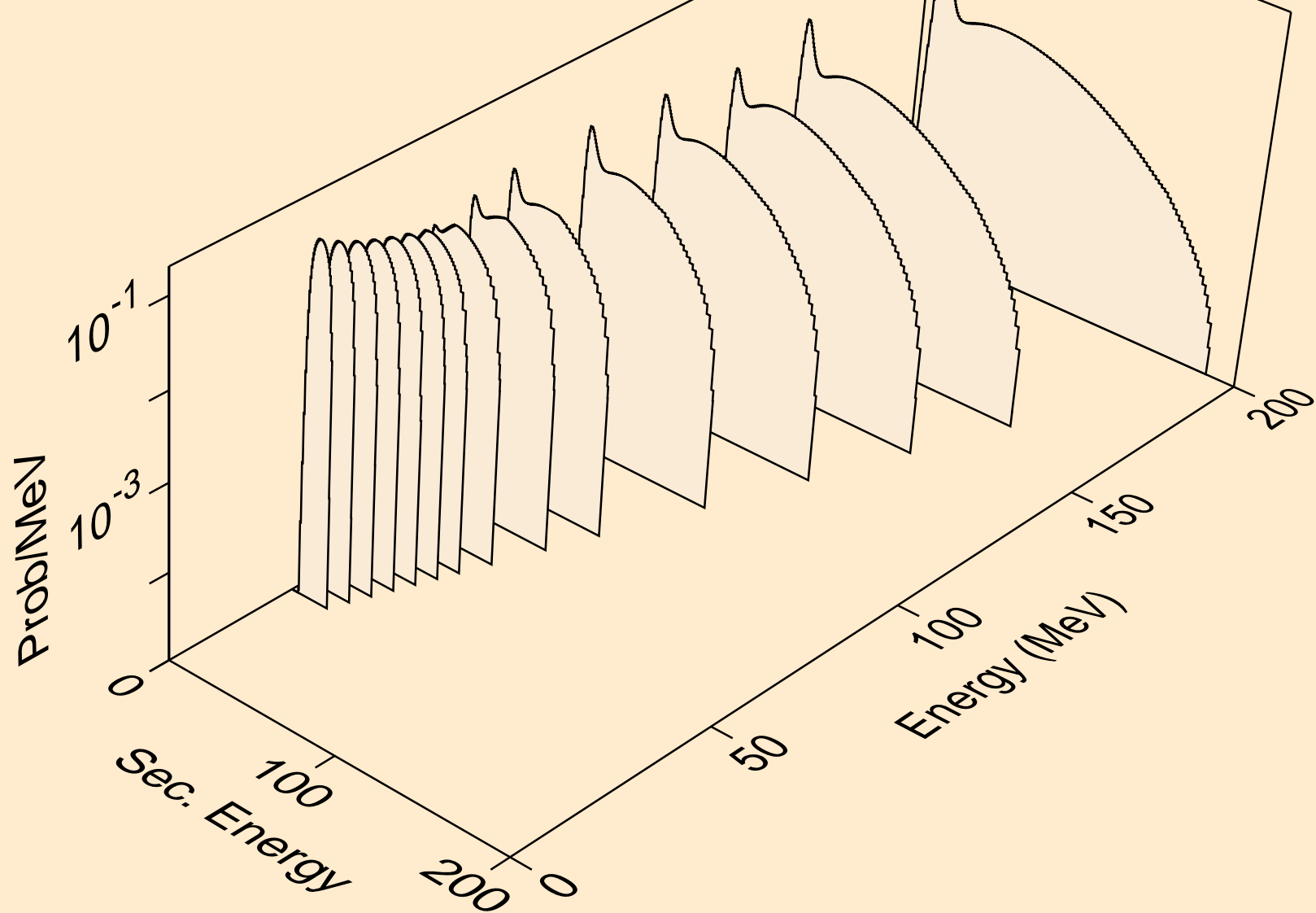
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



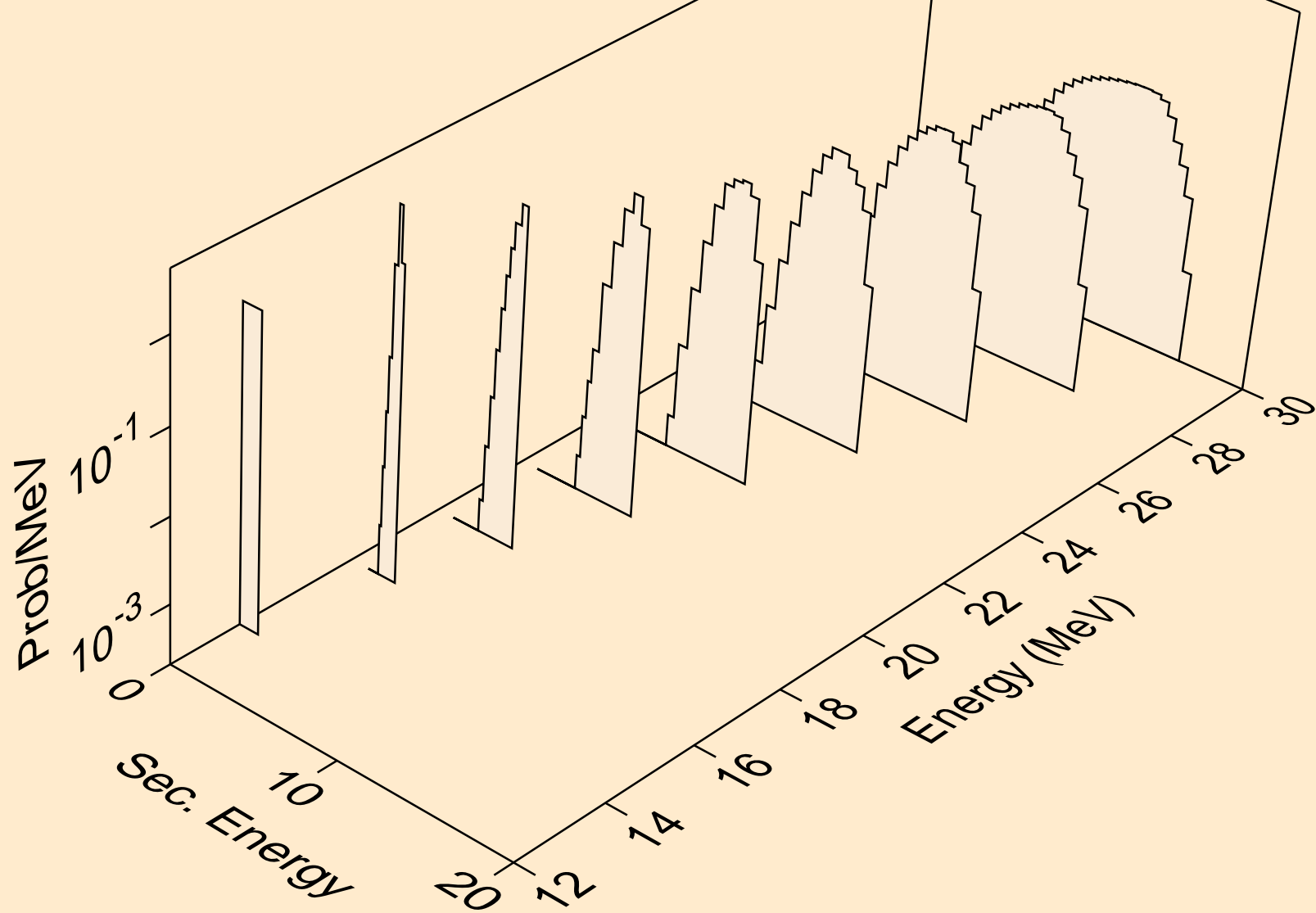
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



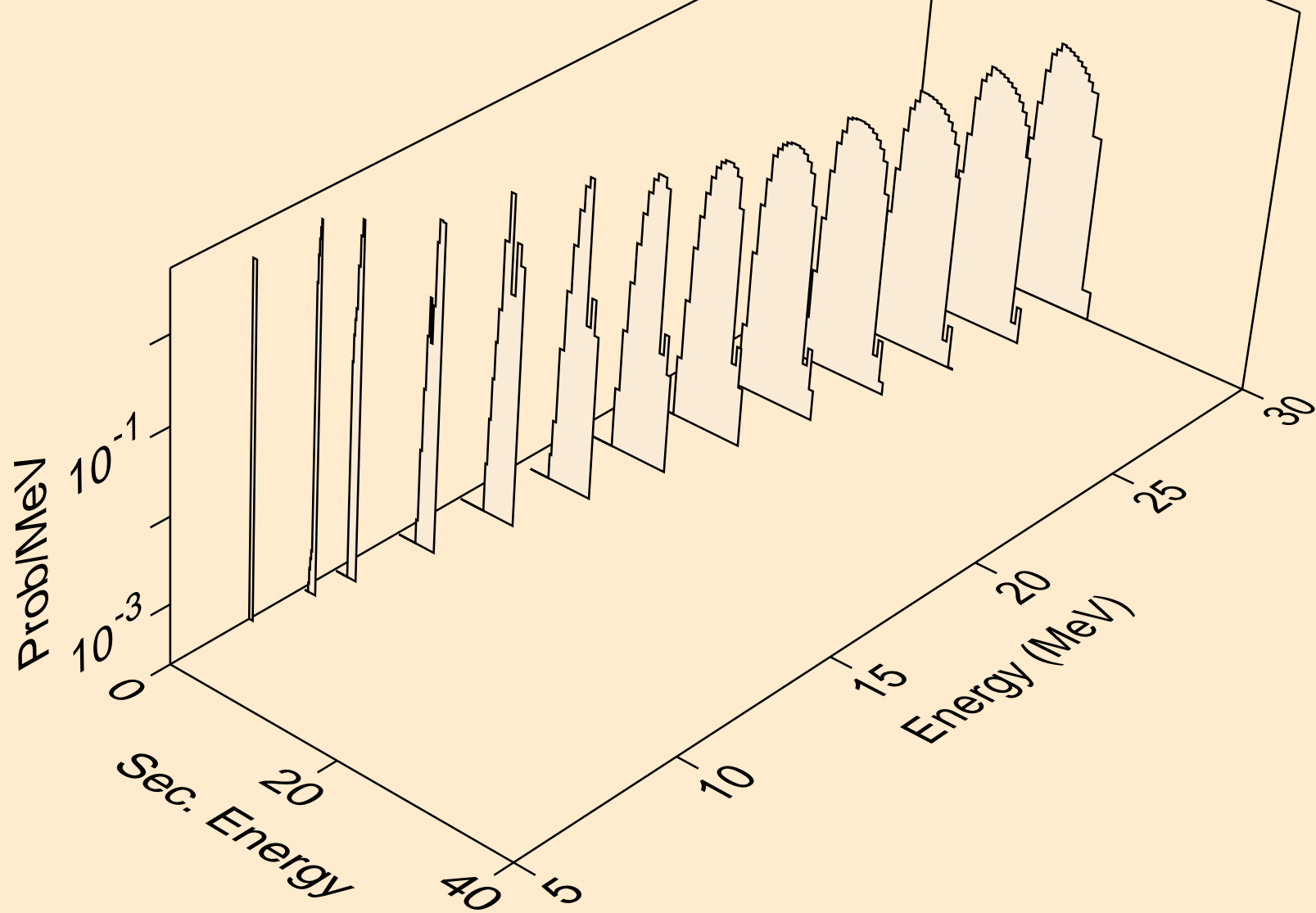
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



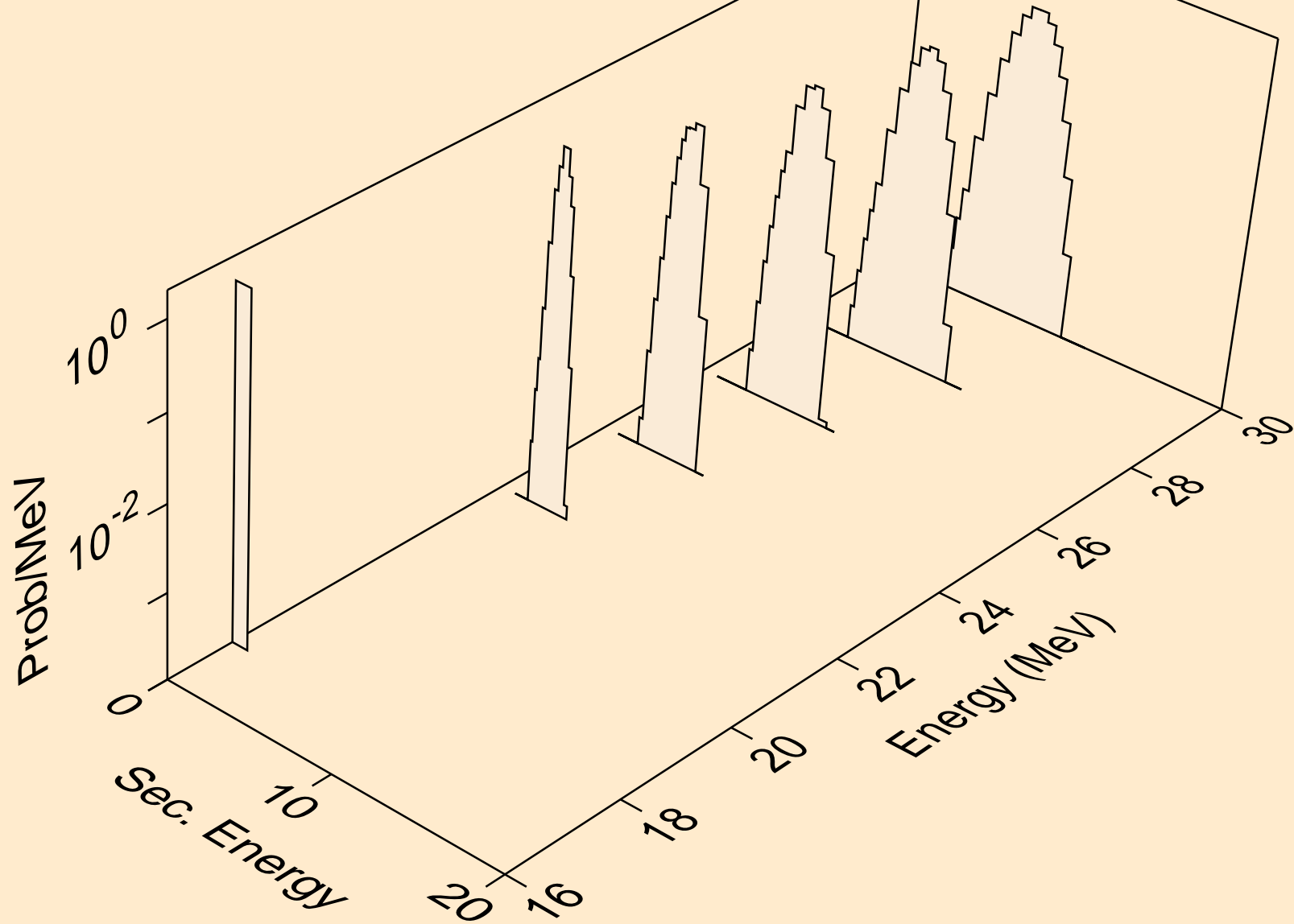
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



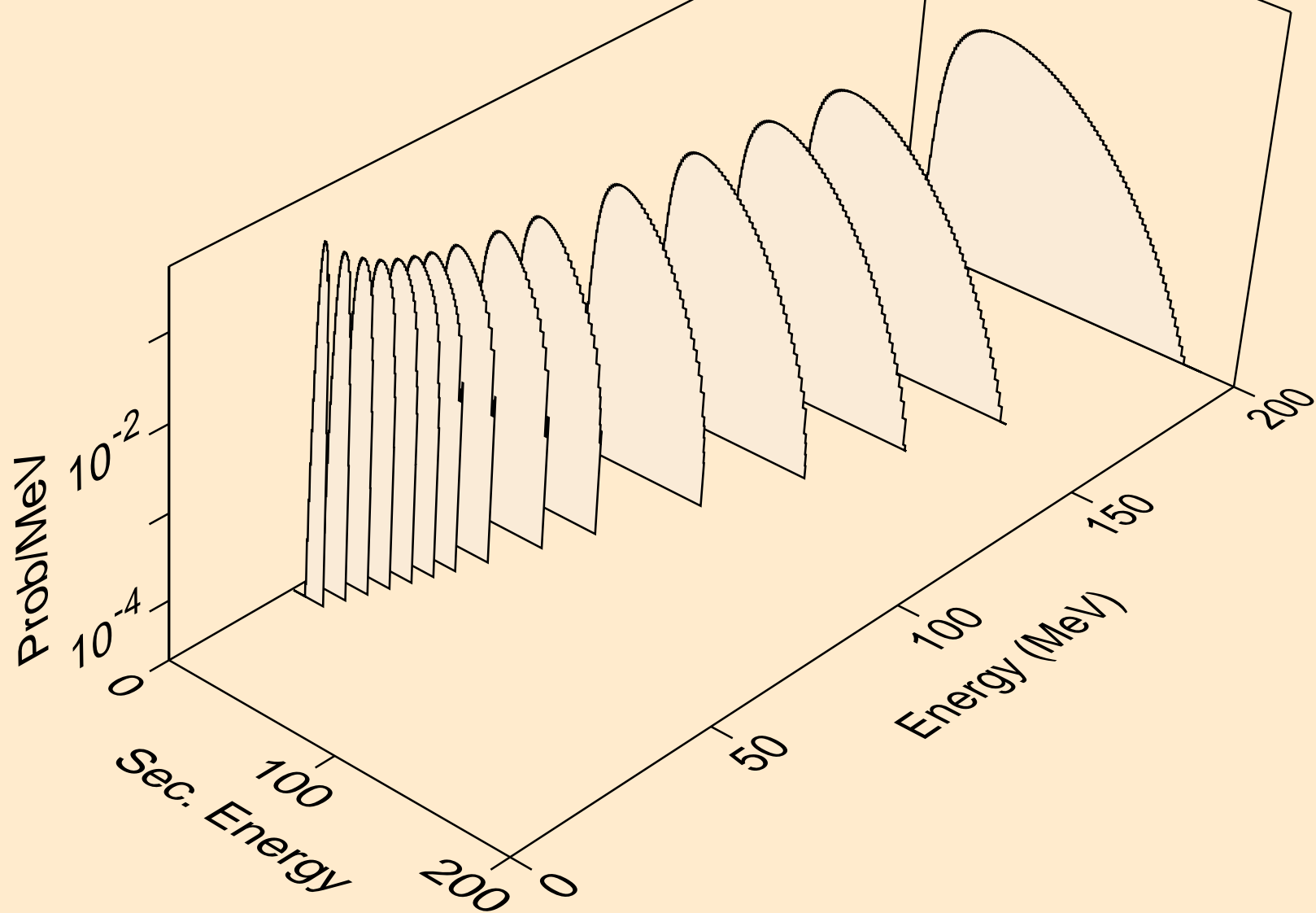
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,pt)

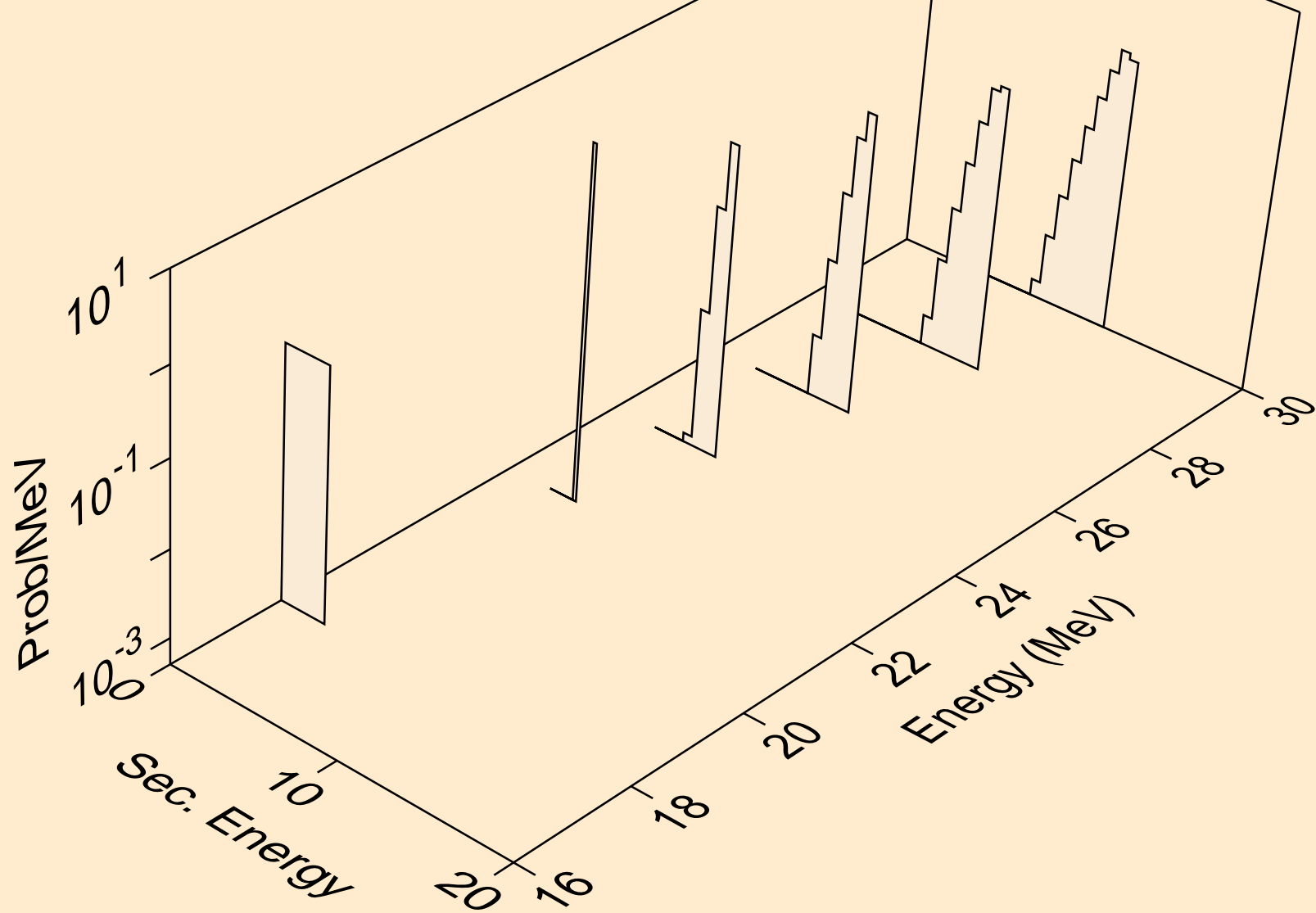


I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

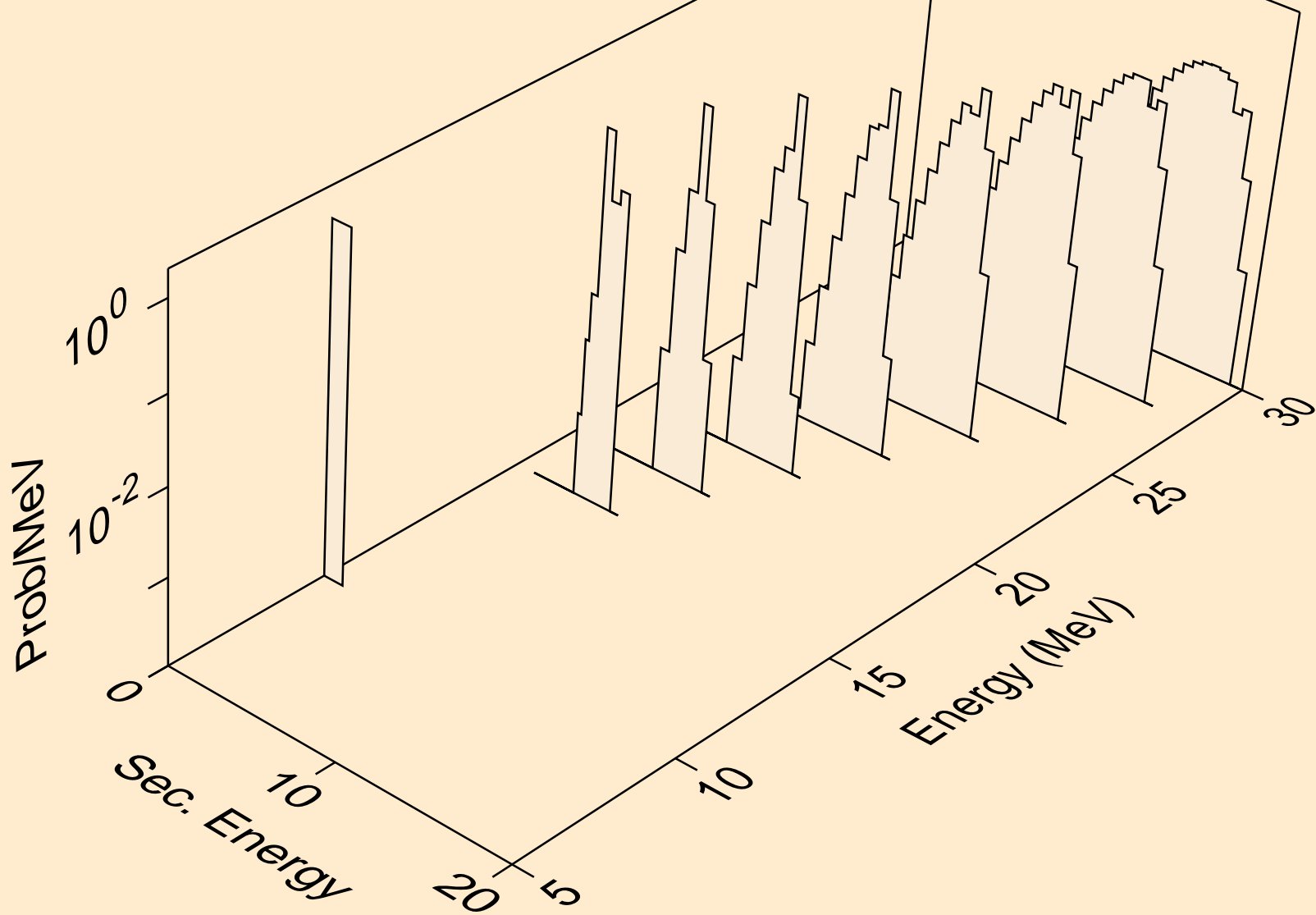




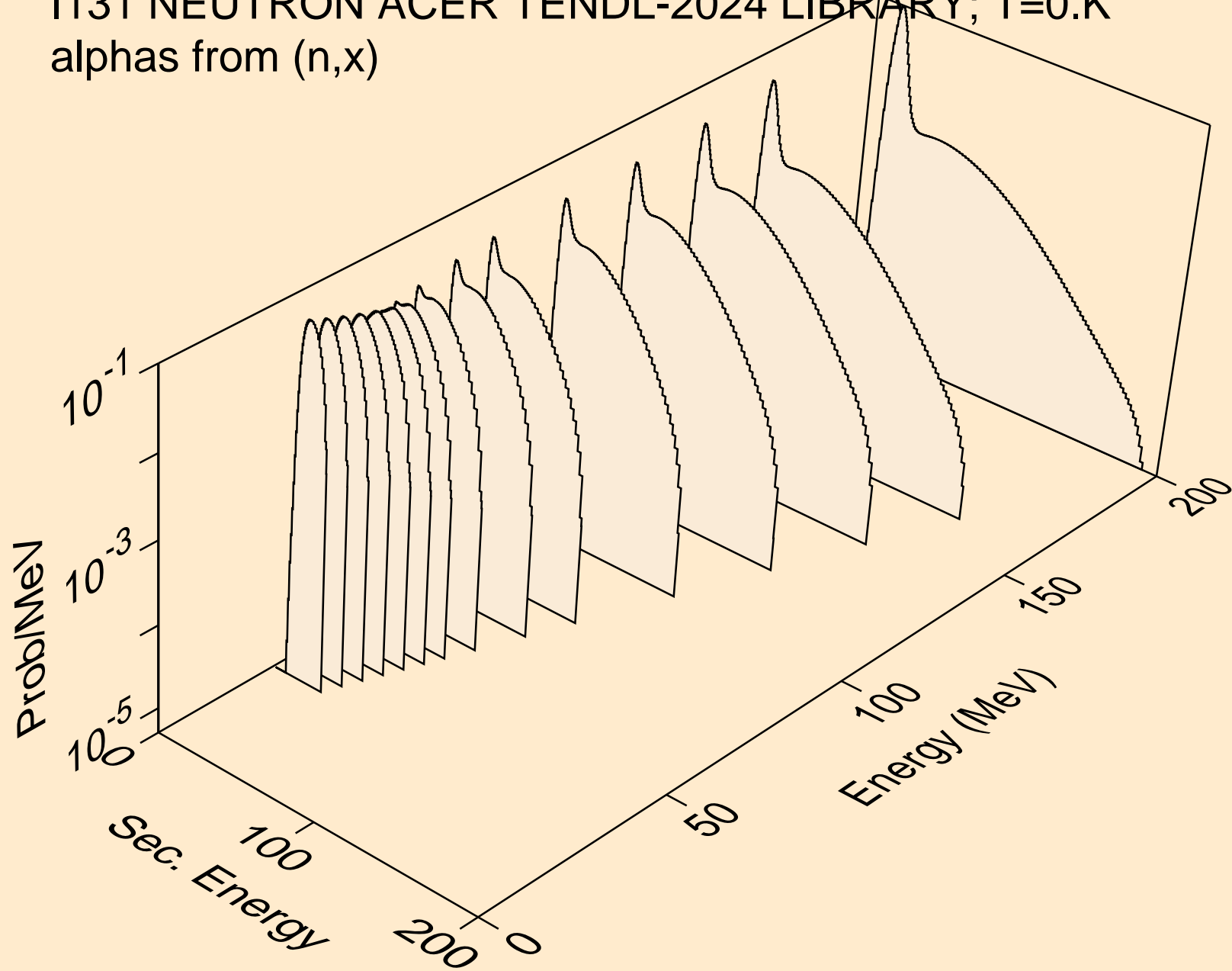
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



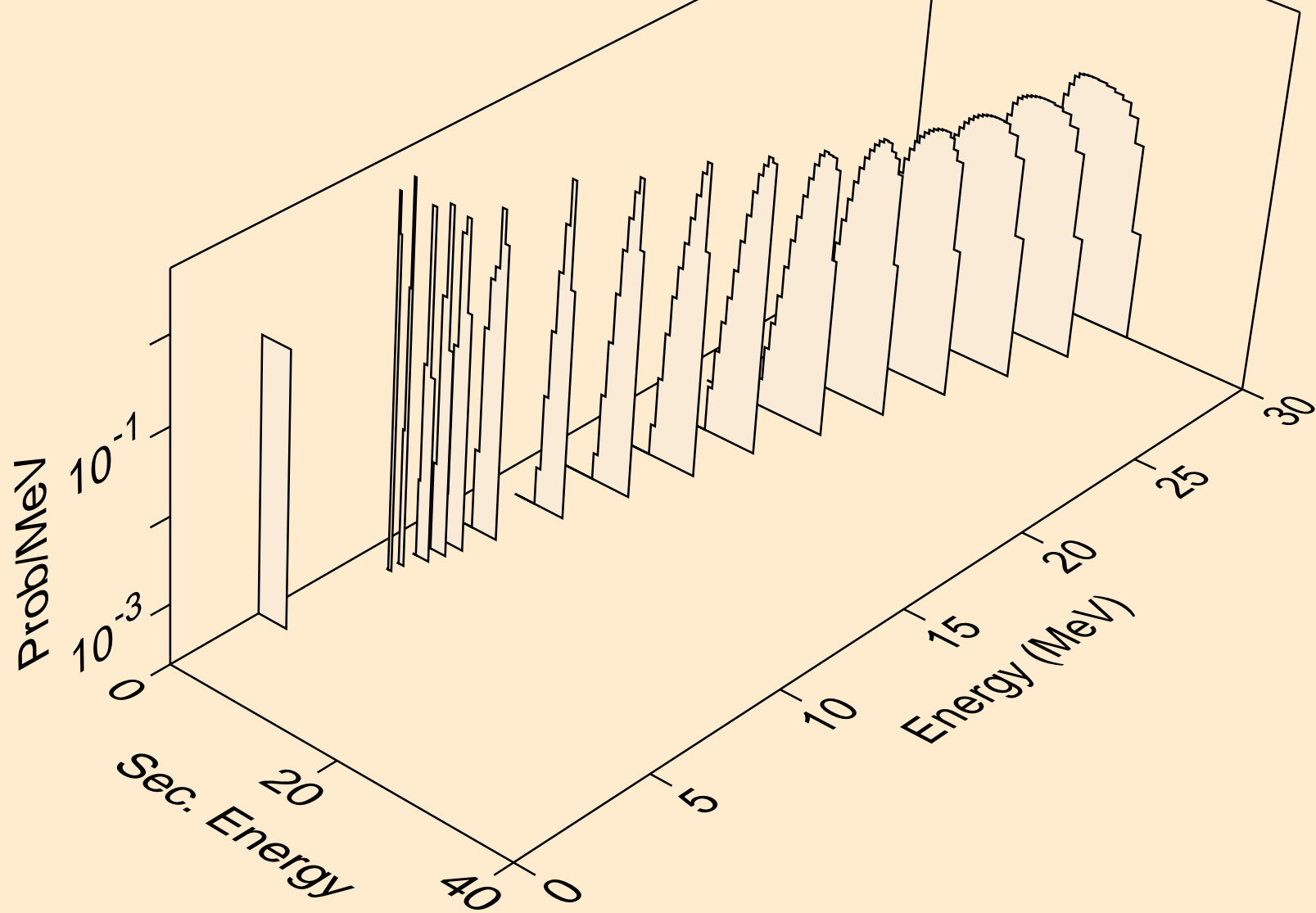
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



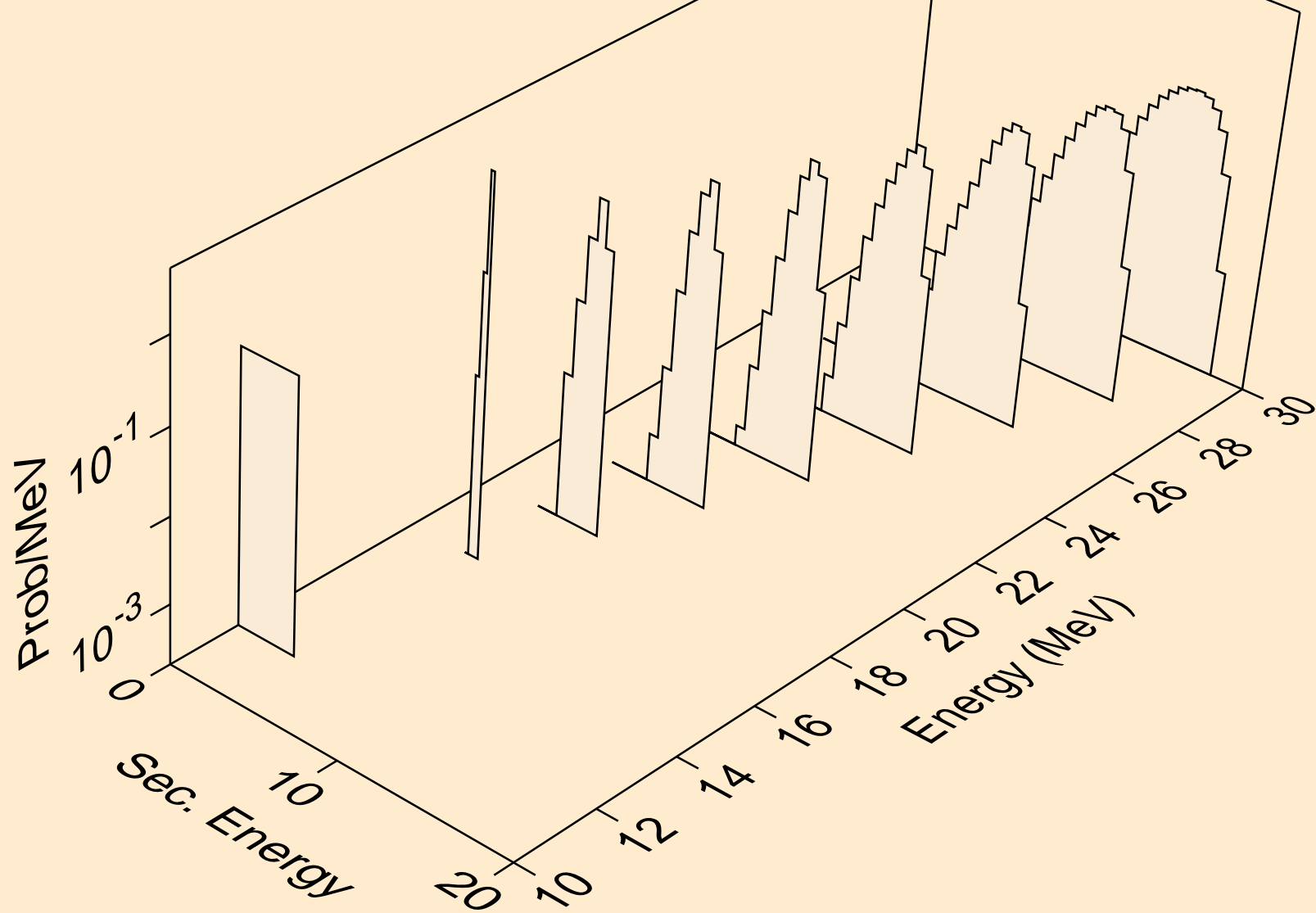
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



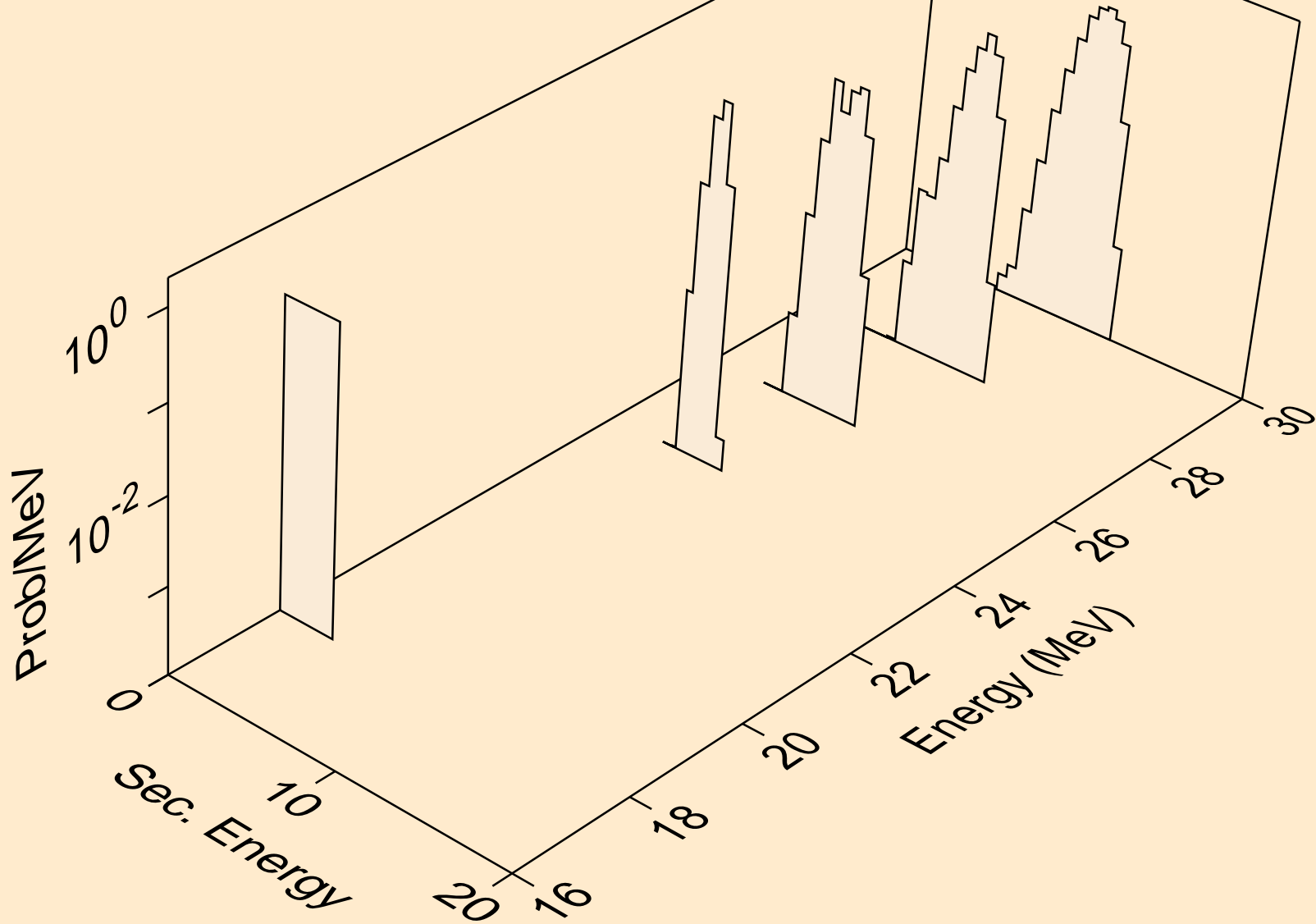
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



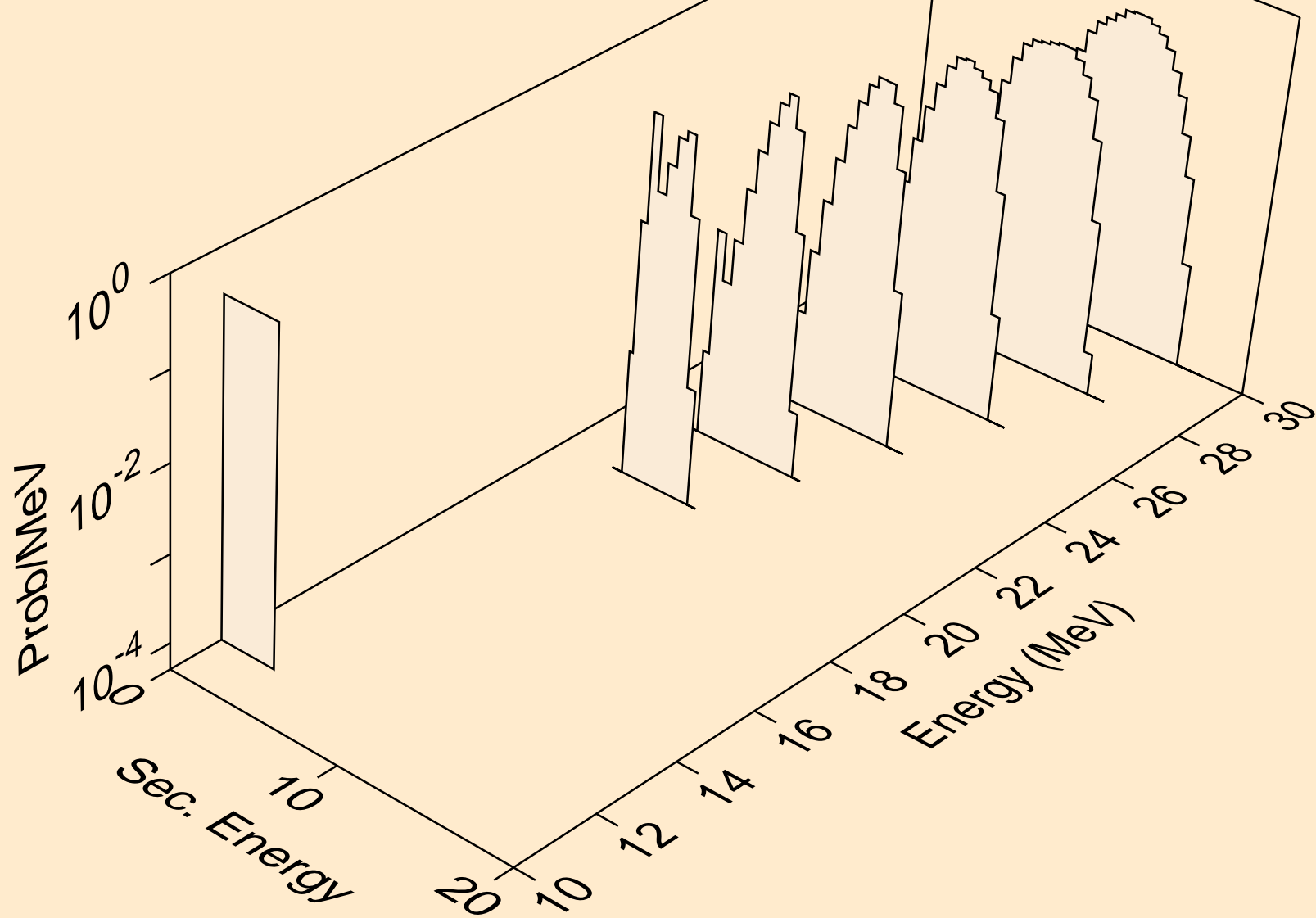
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



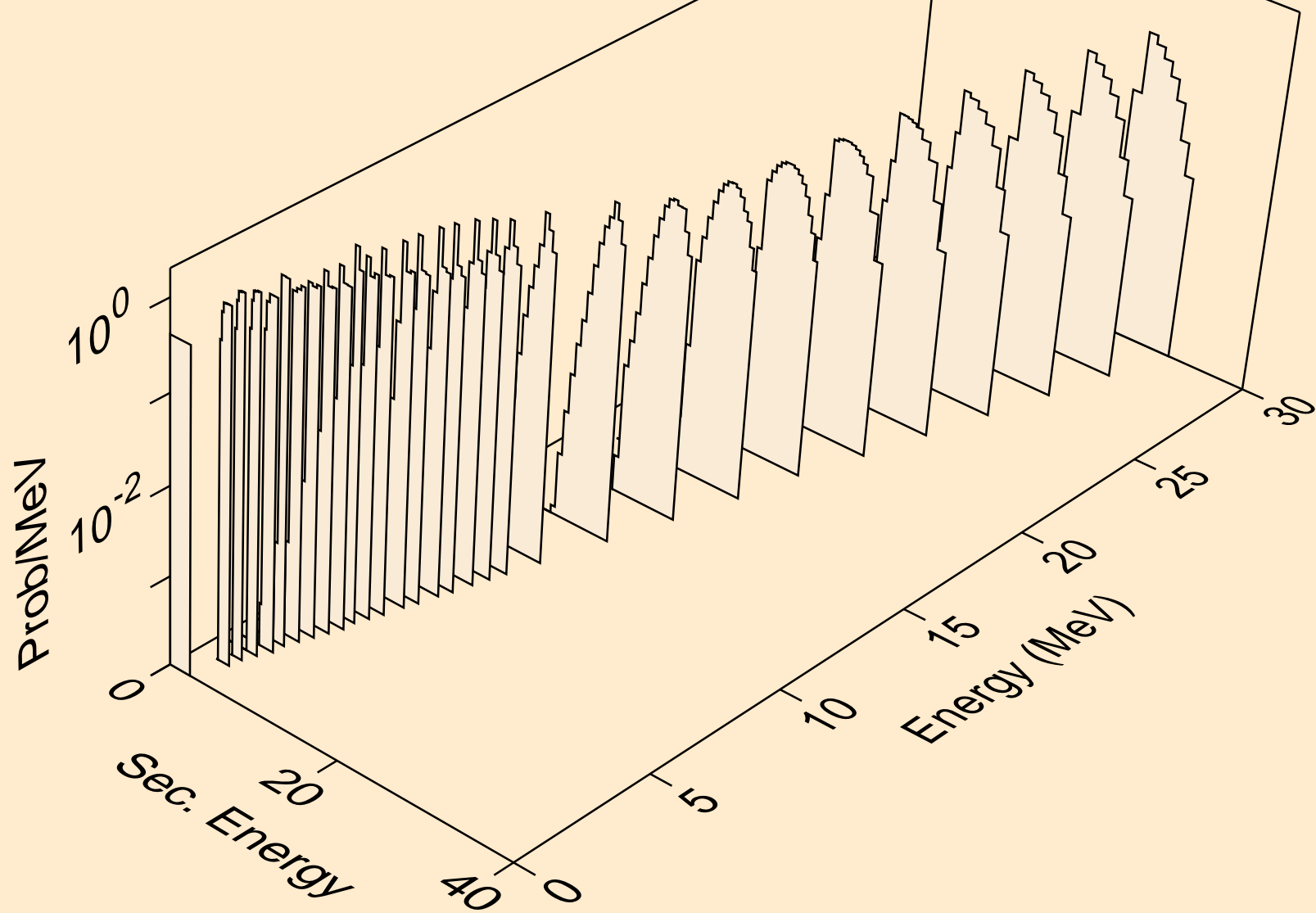
I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)





I131 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

