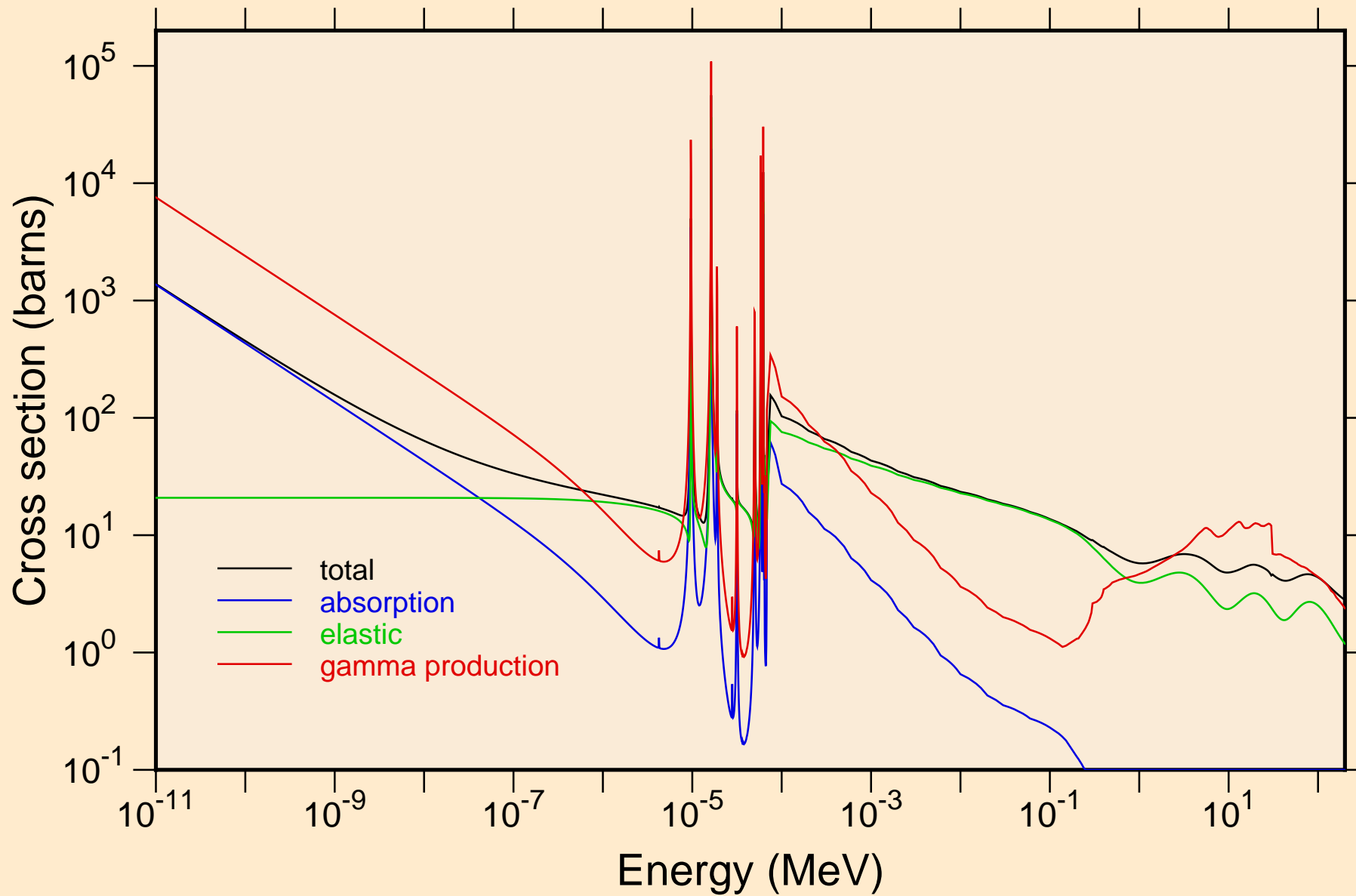
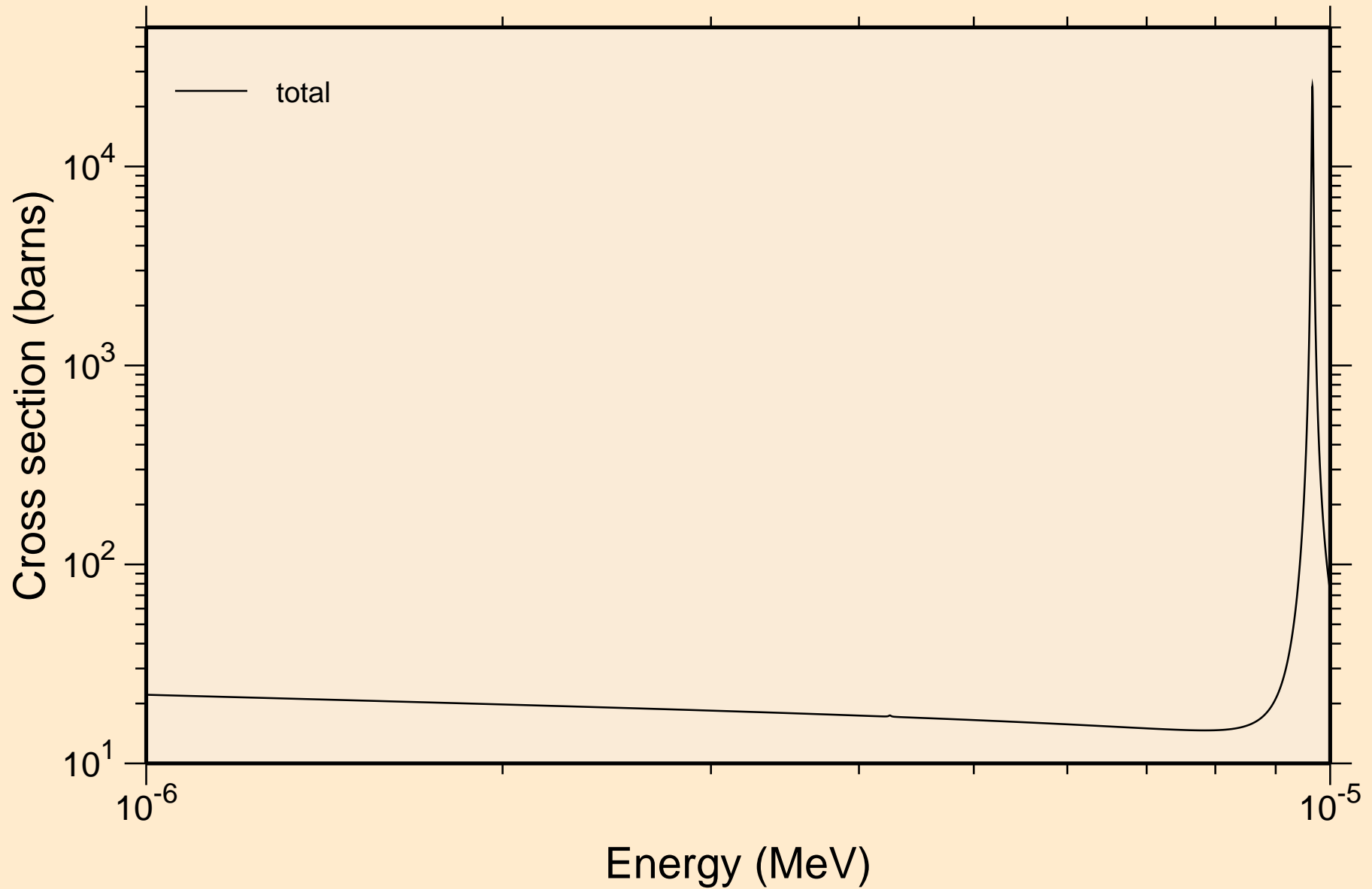


# W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

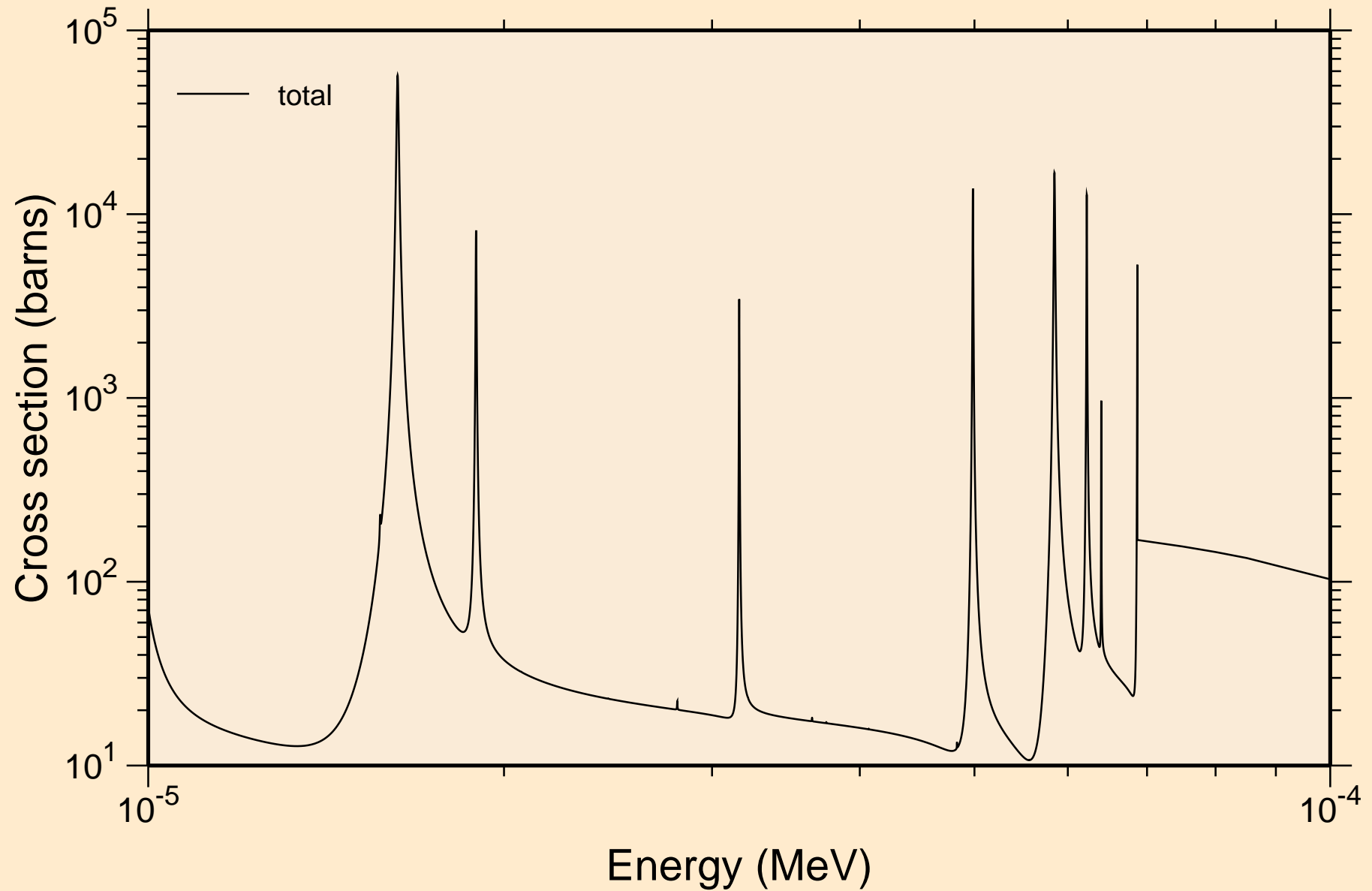
## Principal cross sections



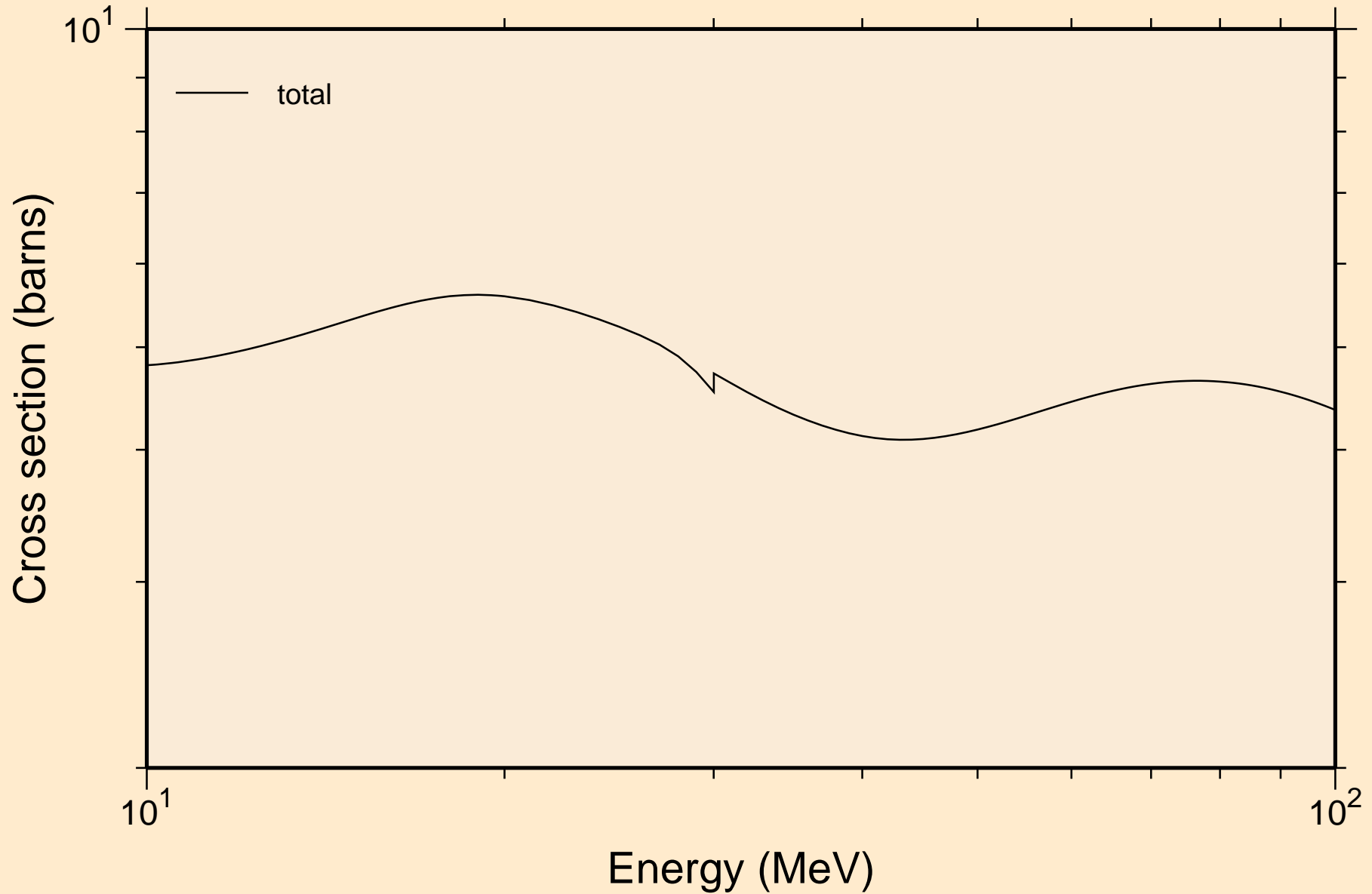
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



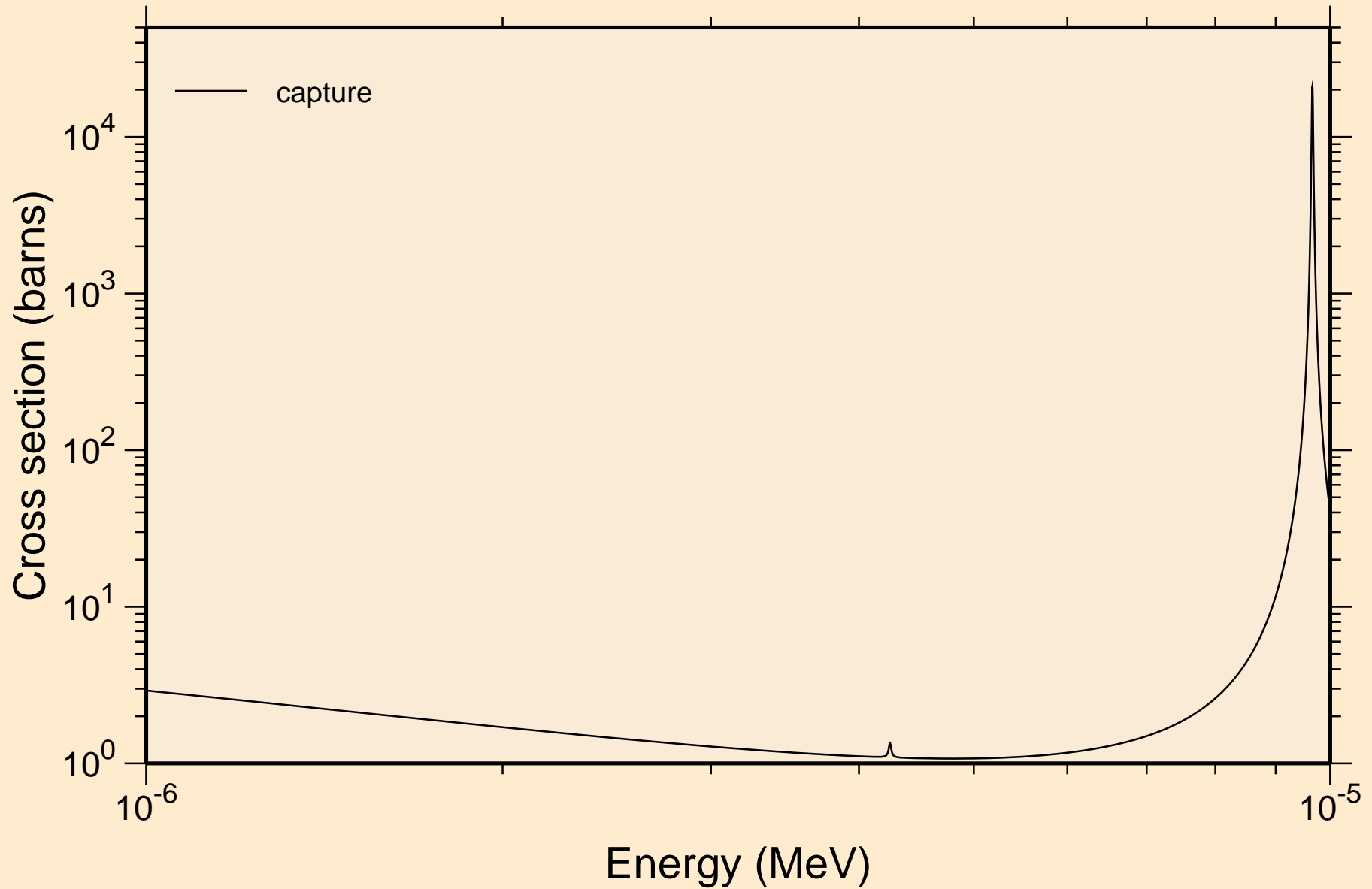
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



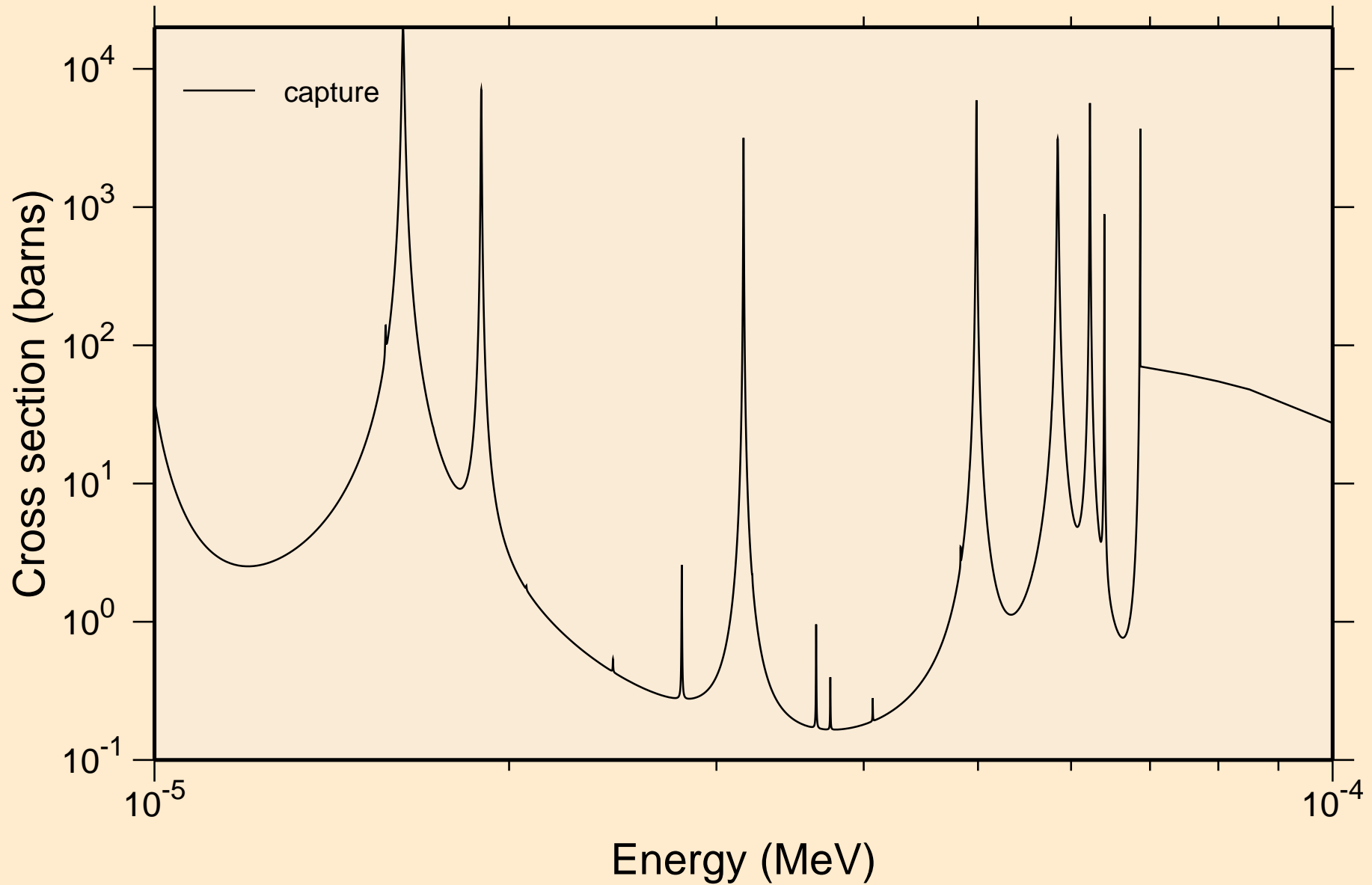
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



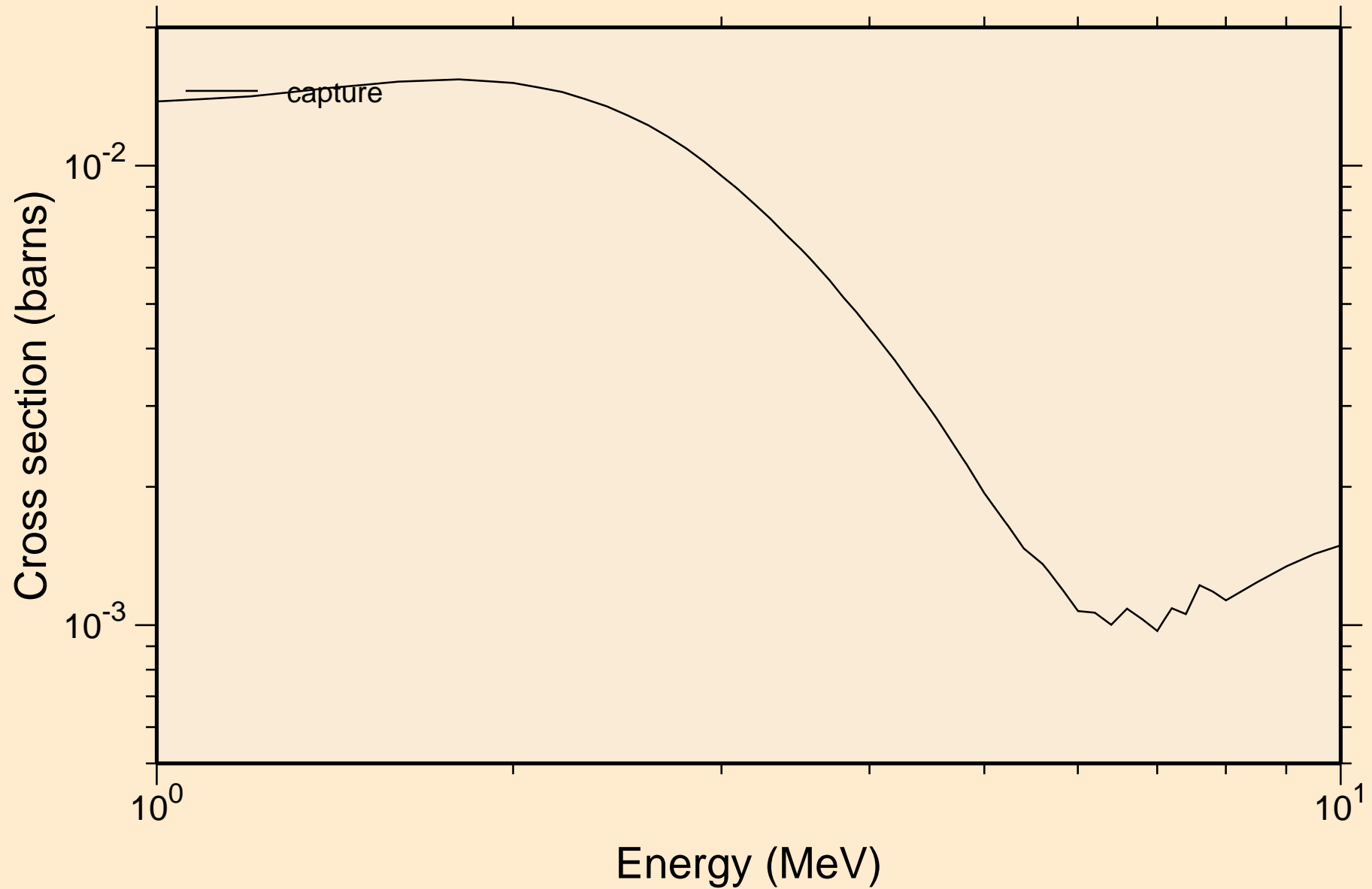
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

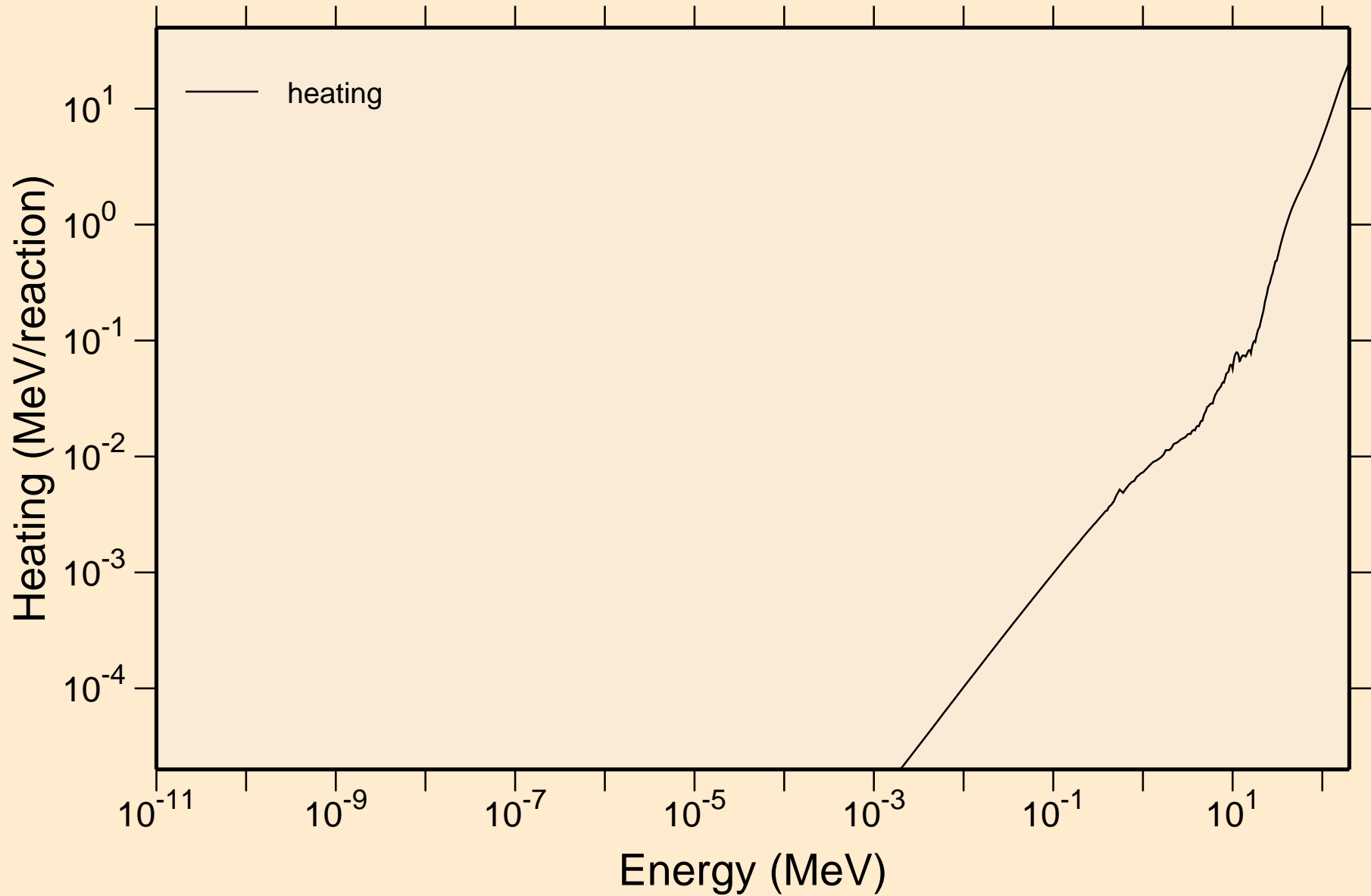


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

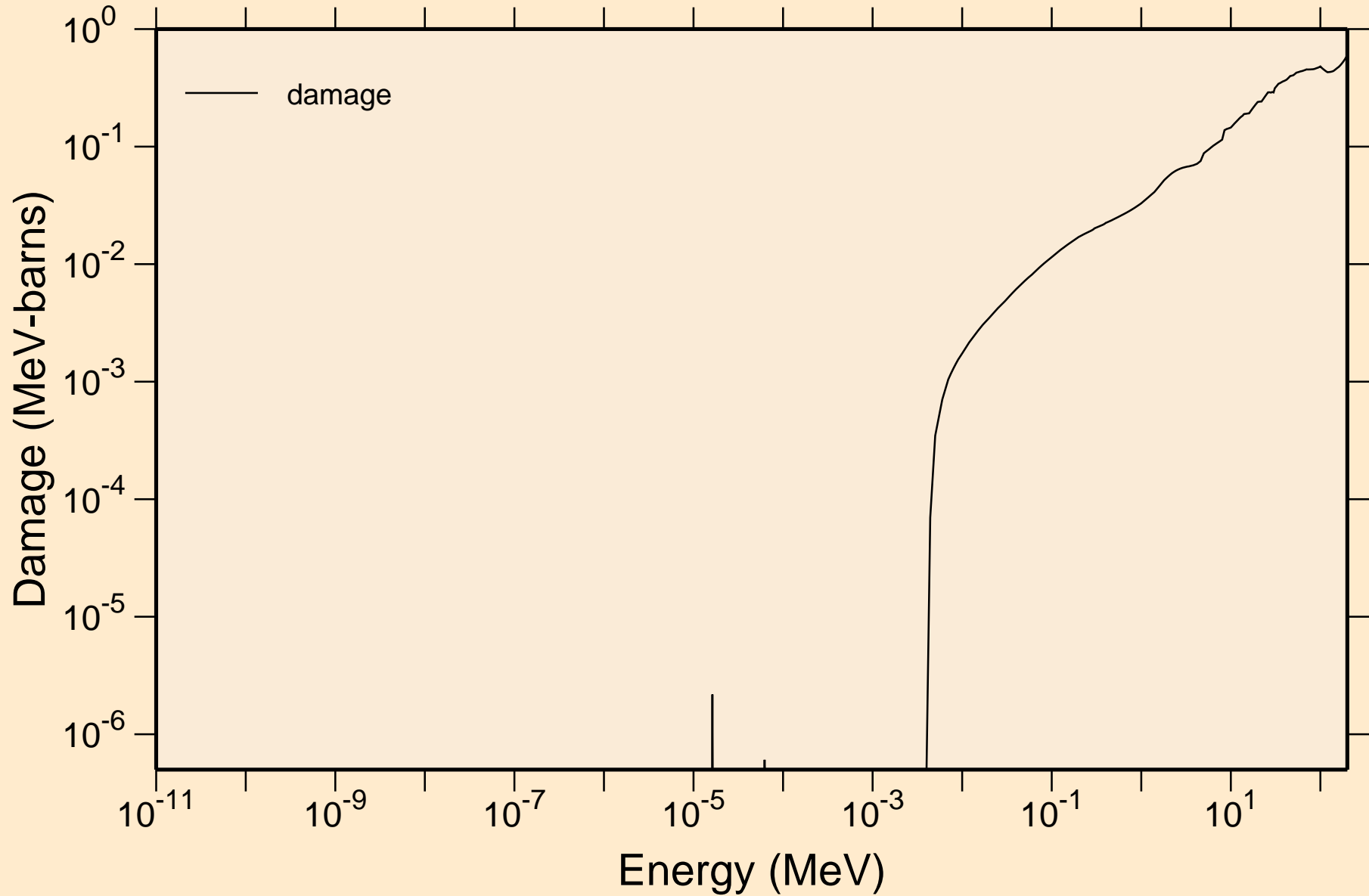
## Heating



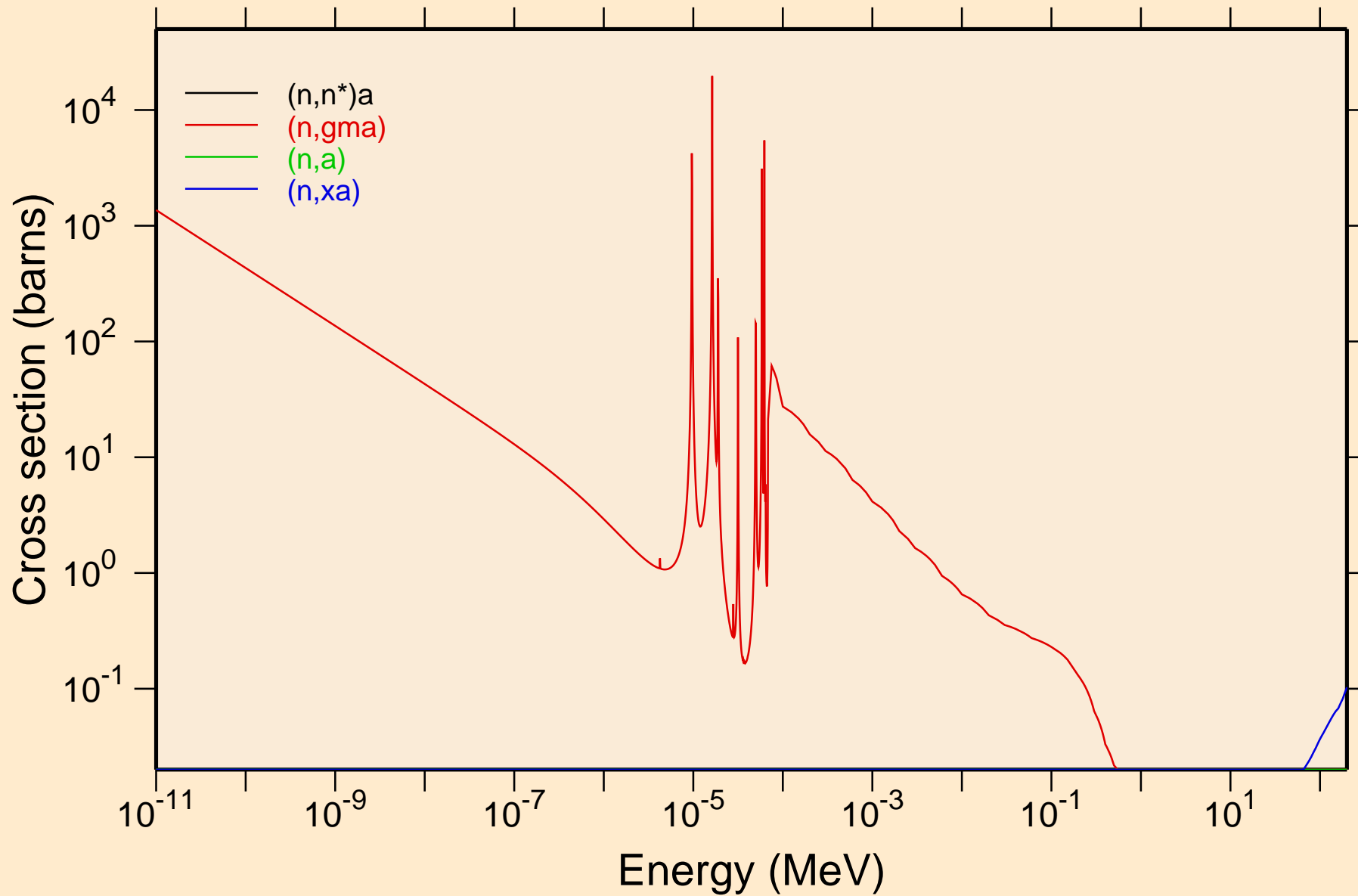


# W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

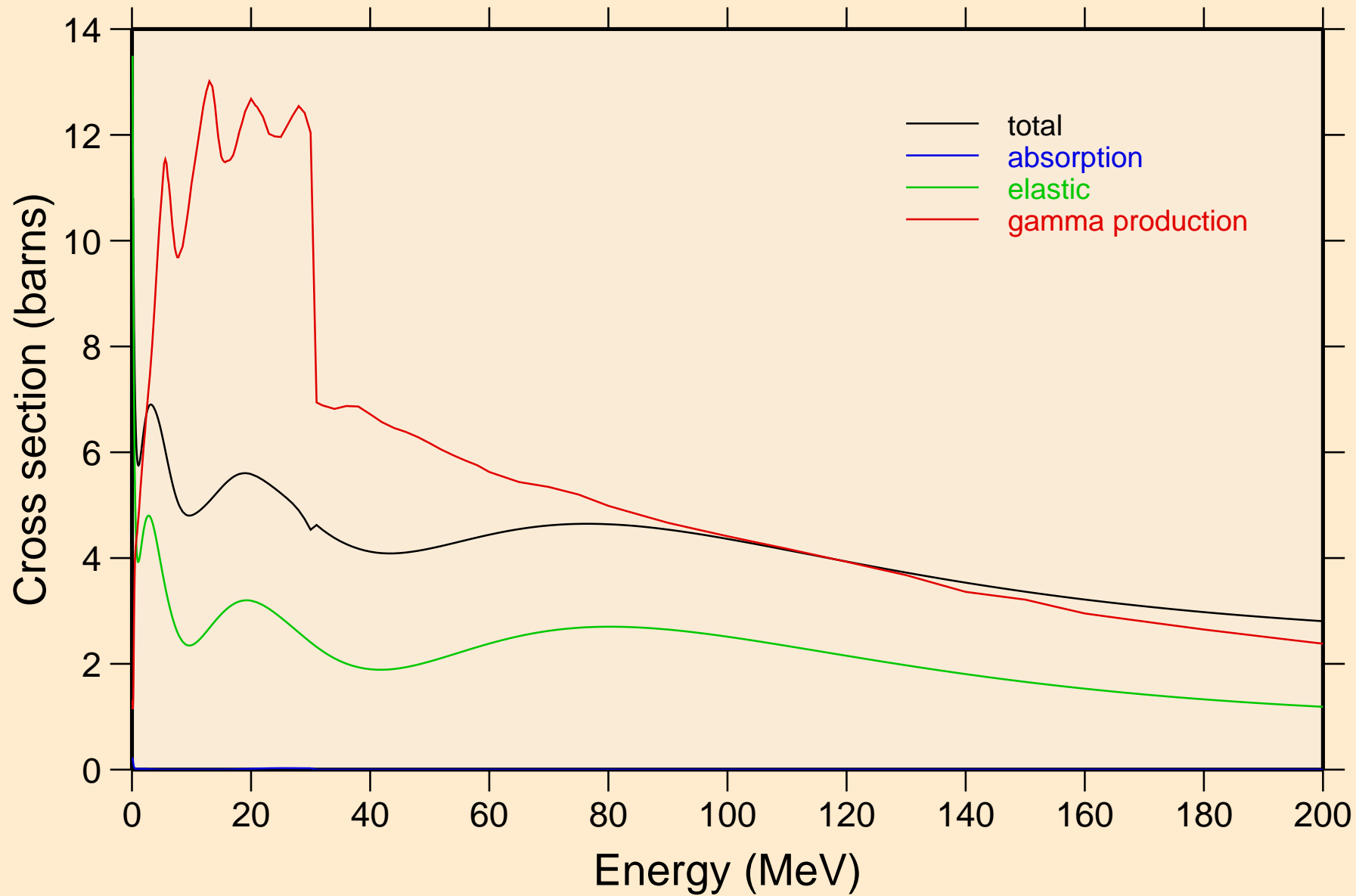


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



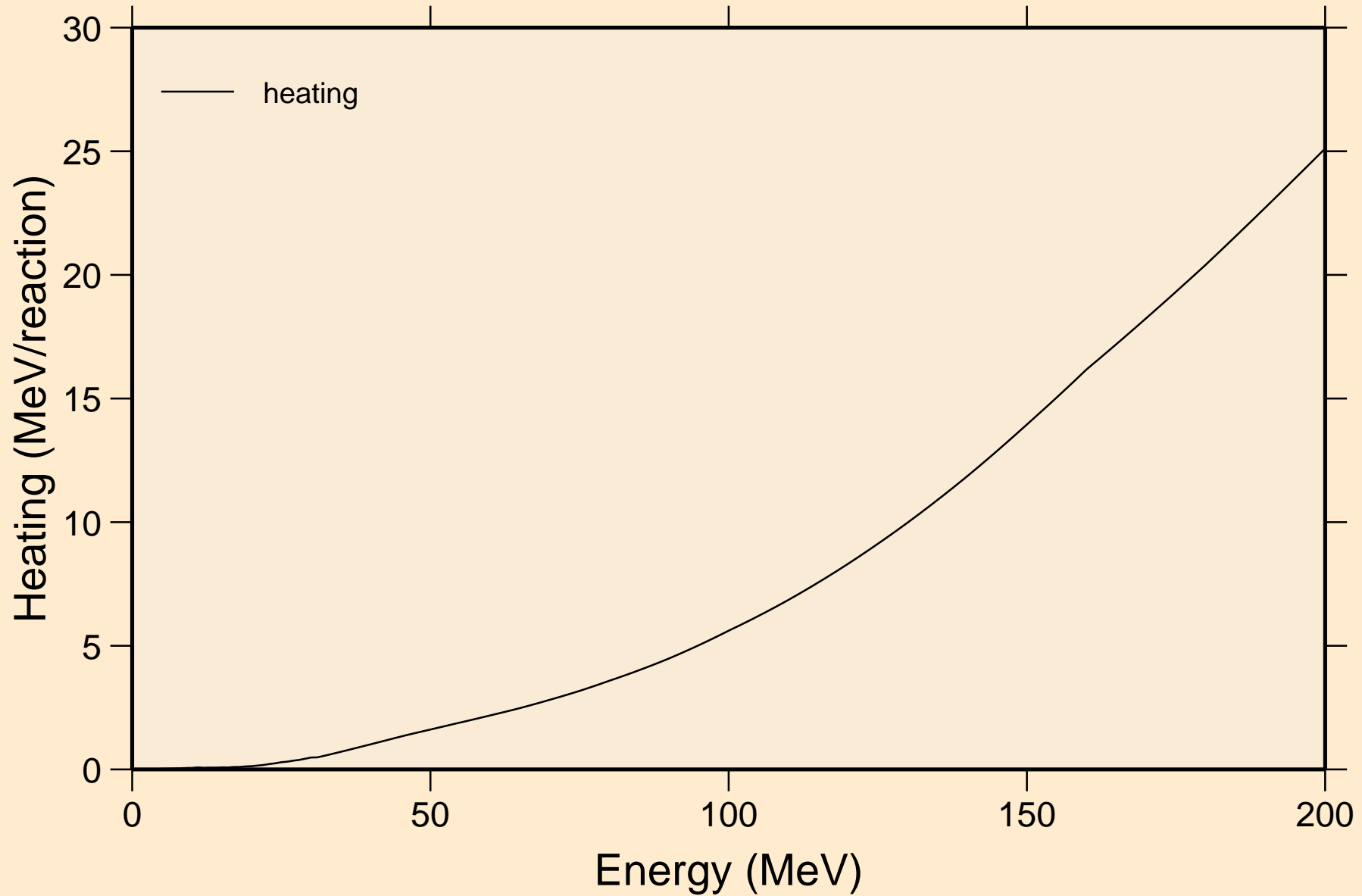
# W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



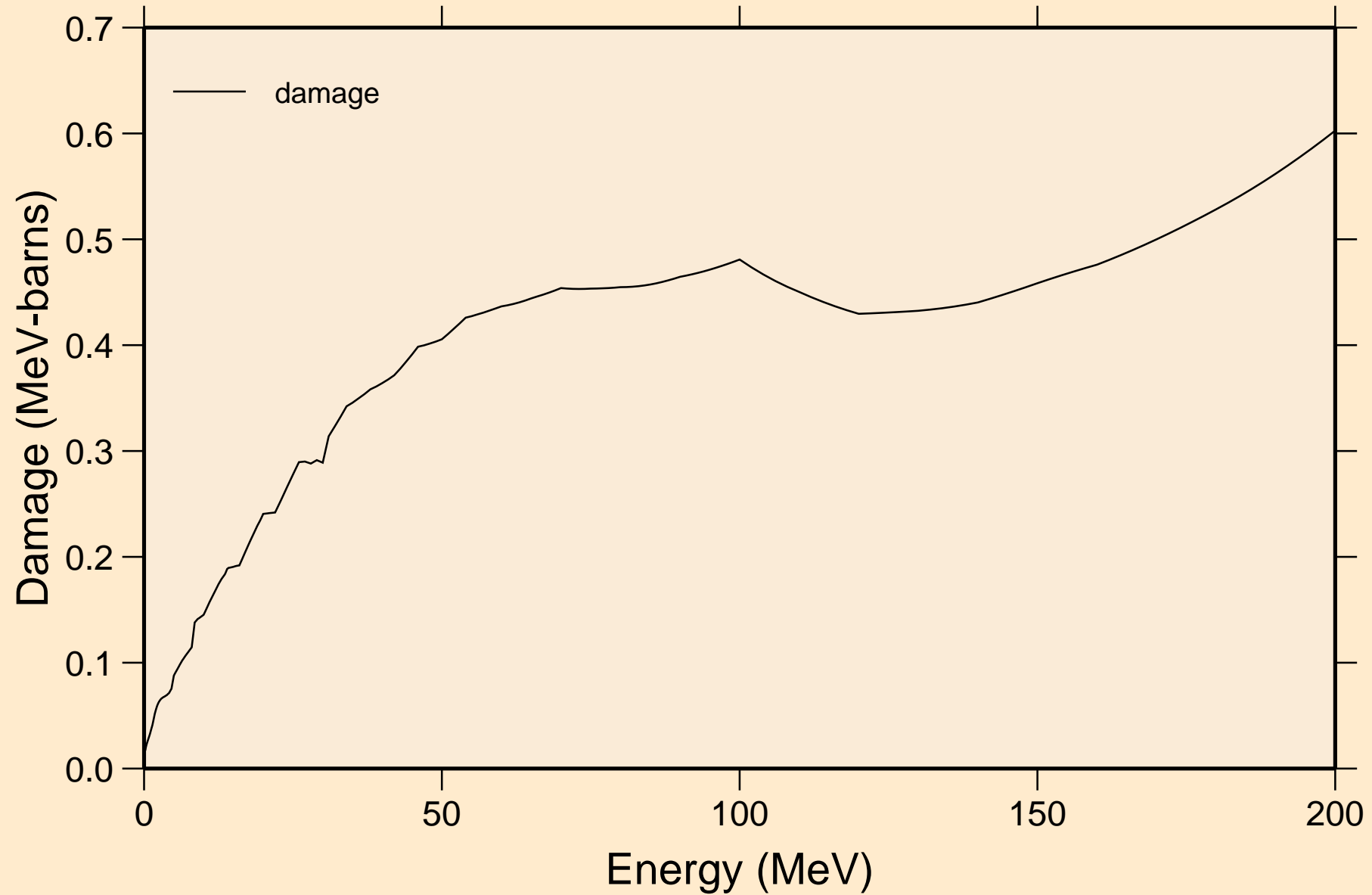
# W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

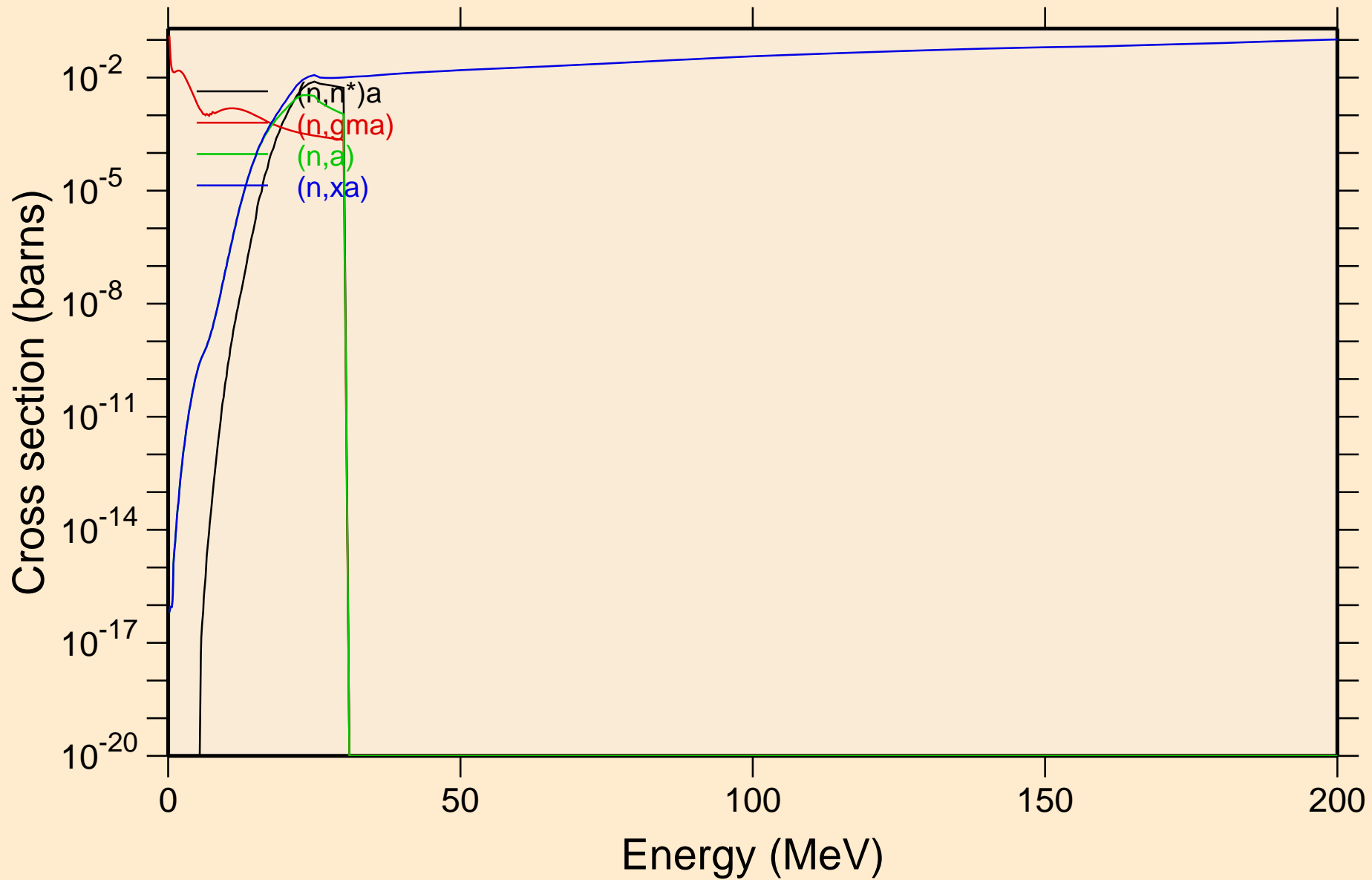


# W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

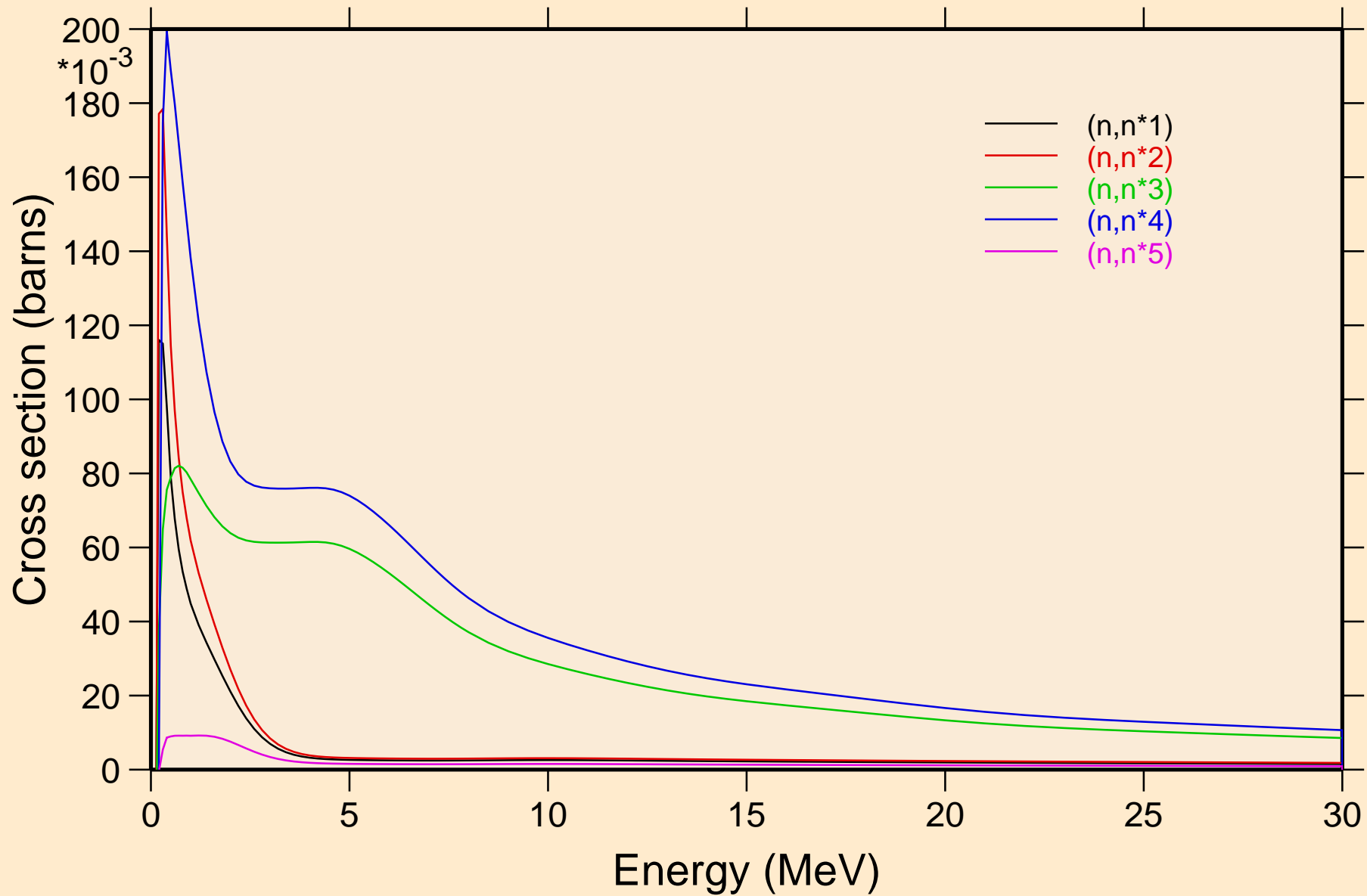
## Damage



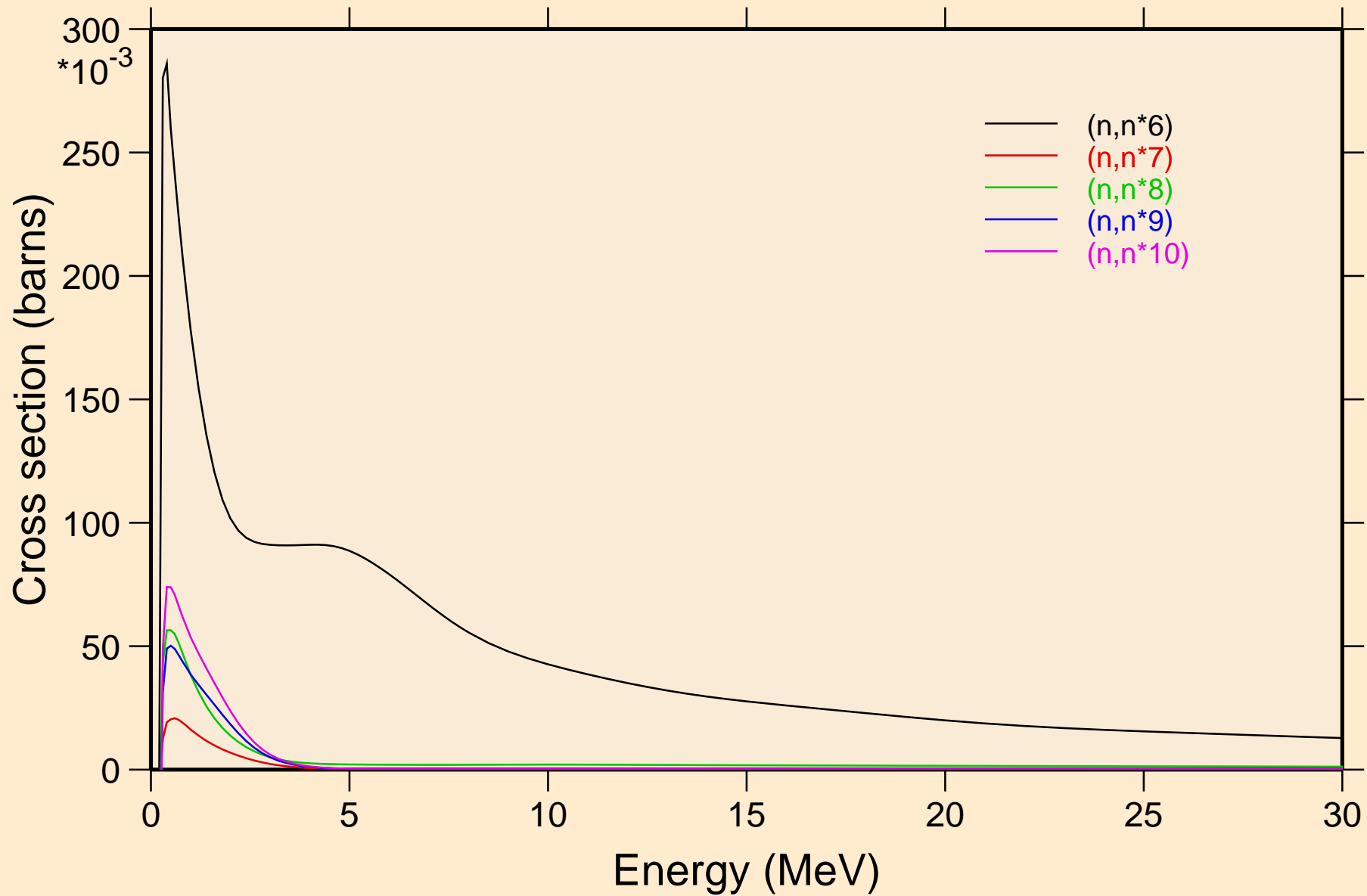
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

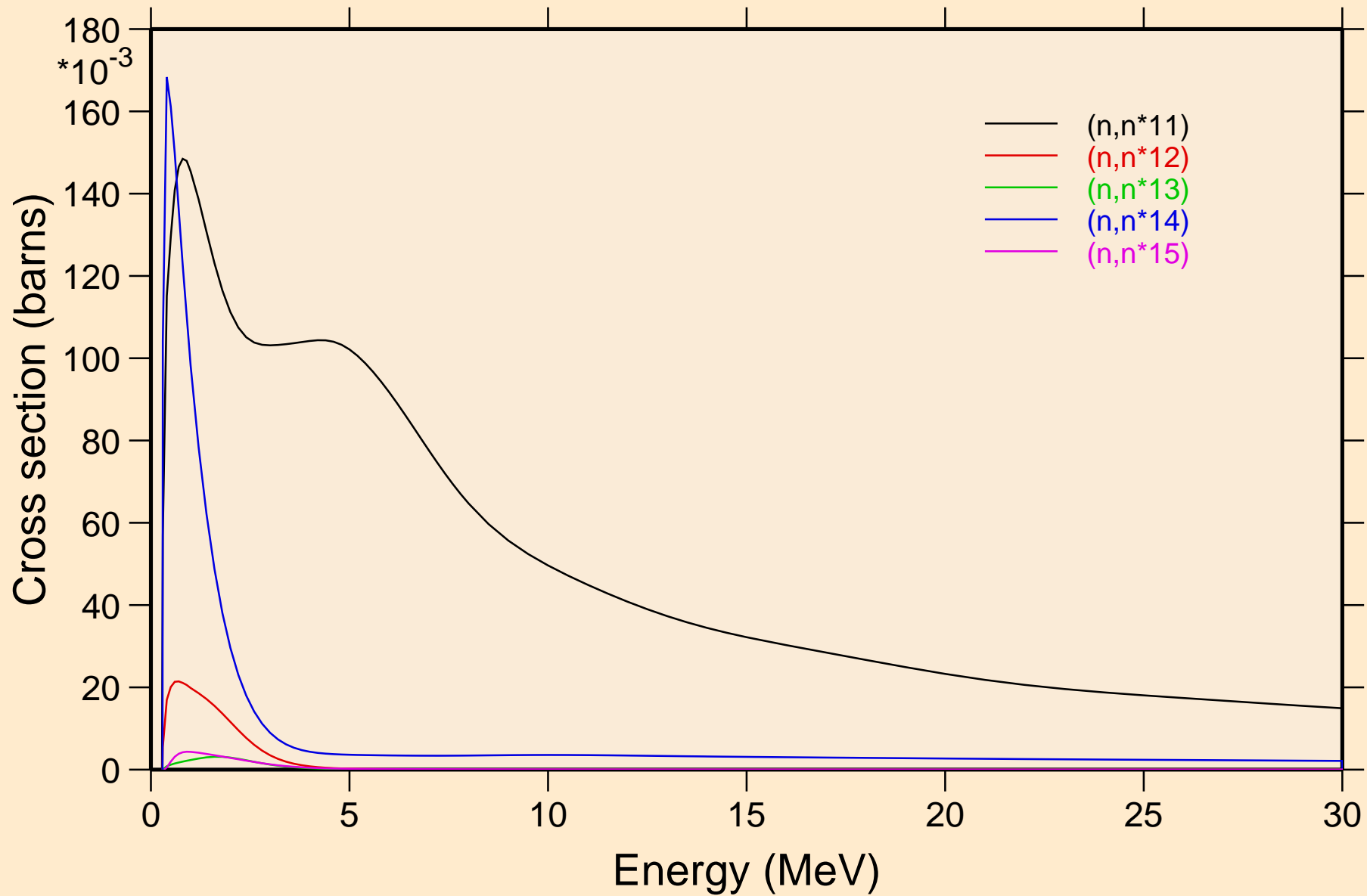


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



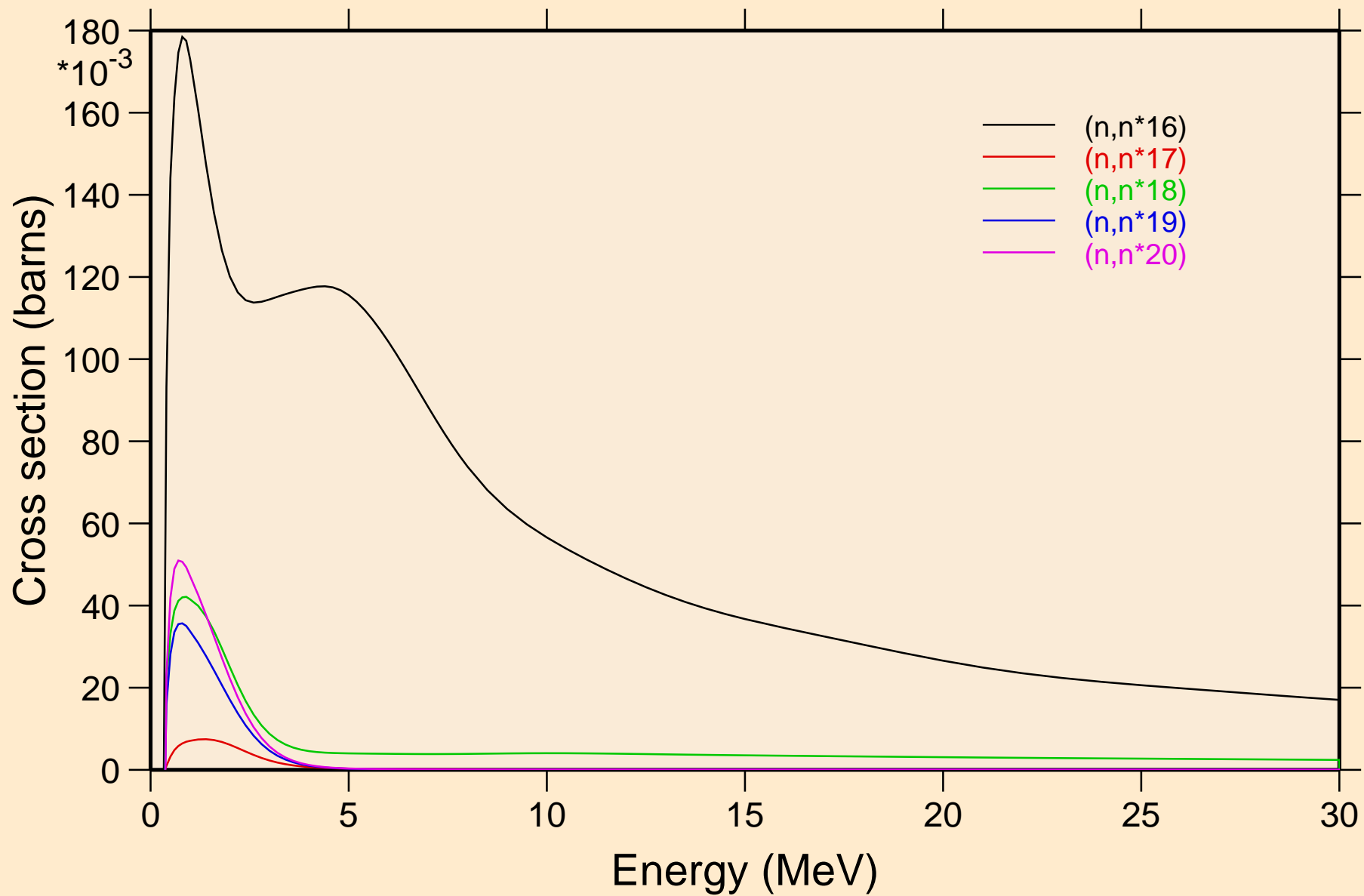


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

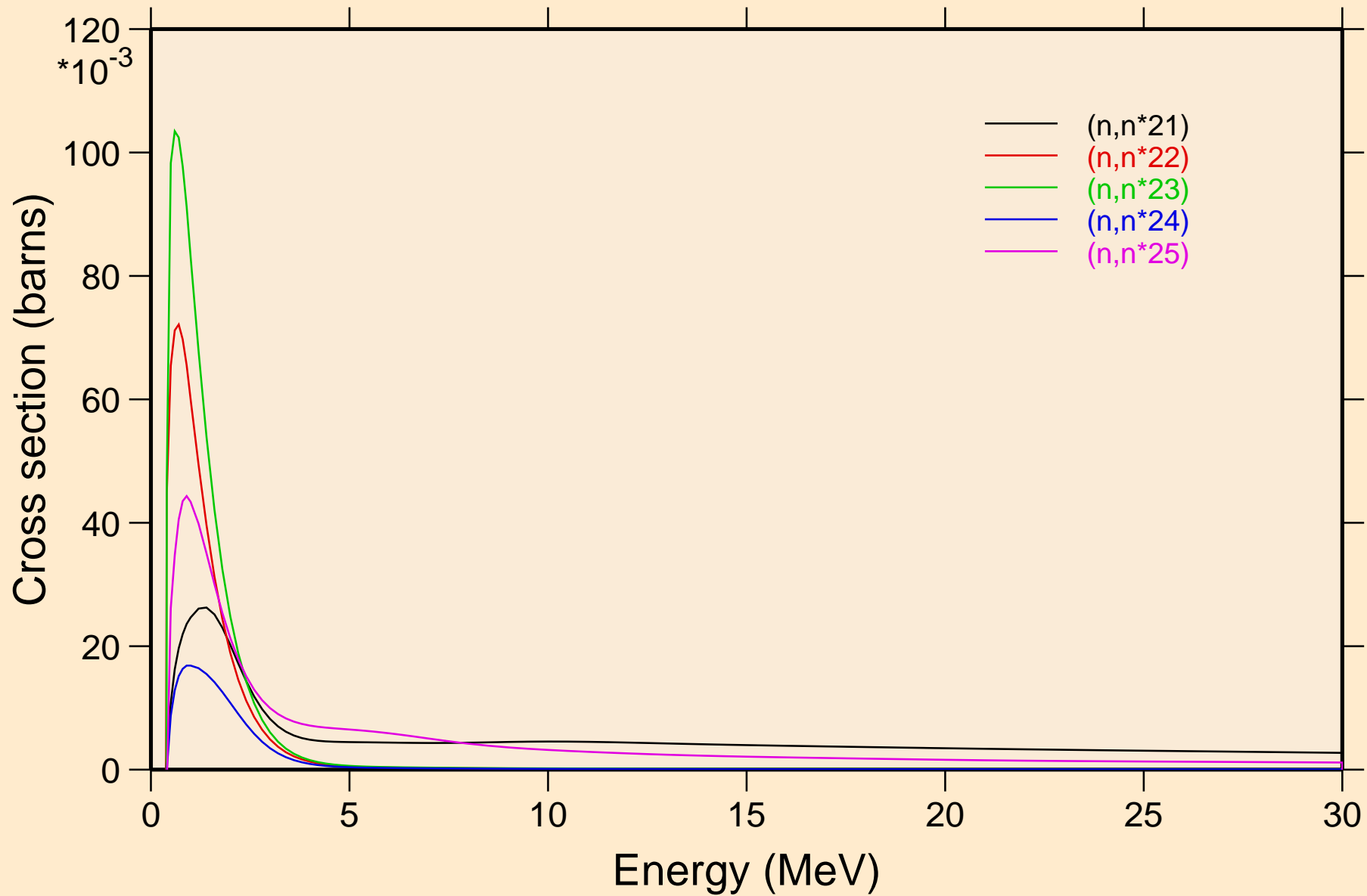


# W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

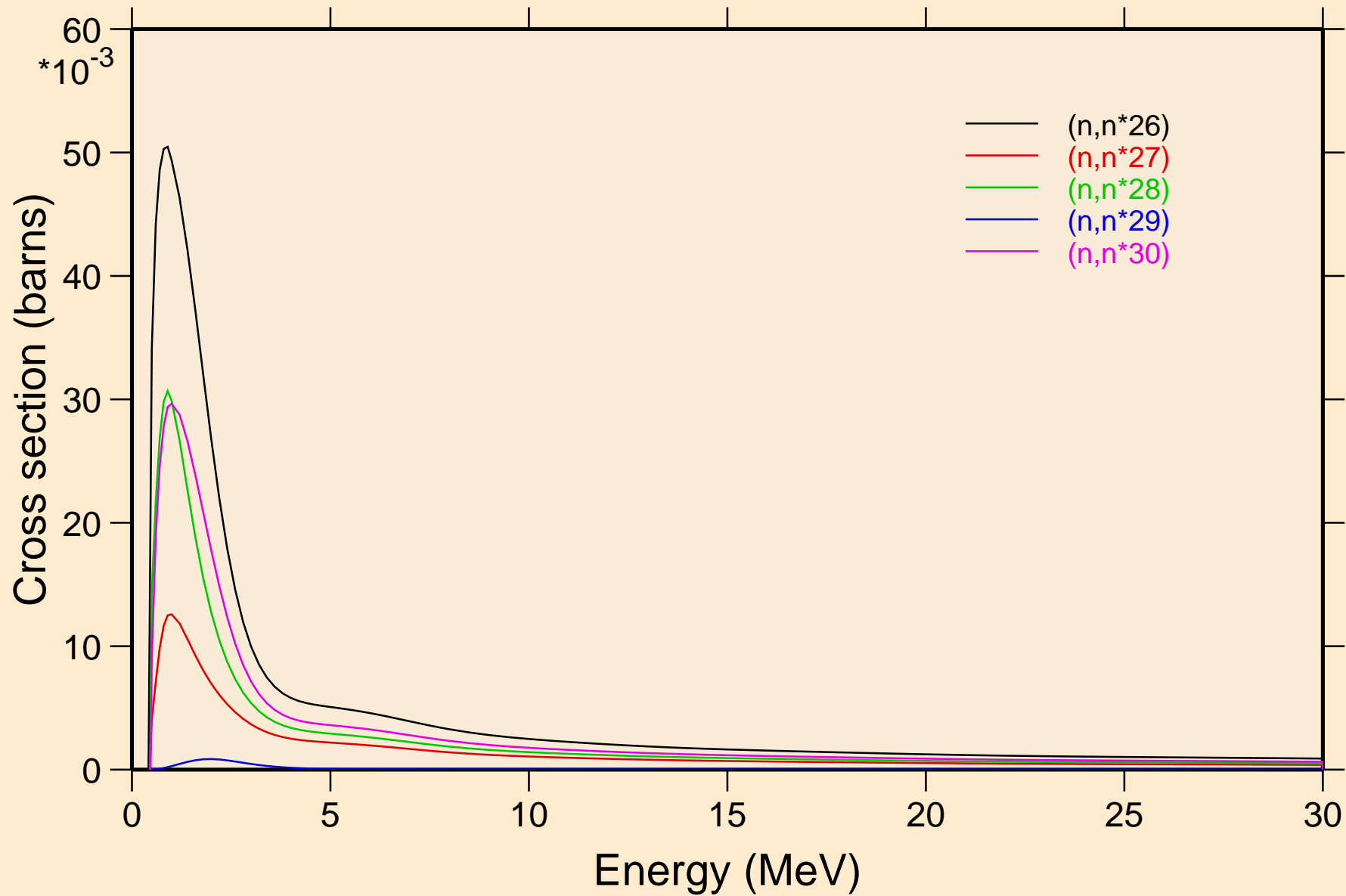
## Inelastic levels



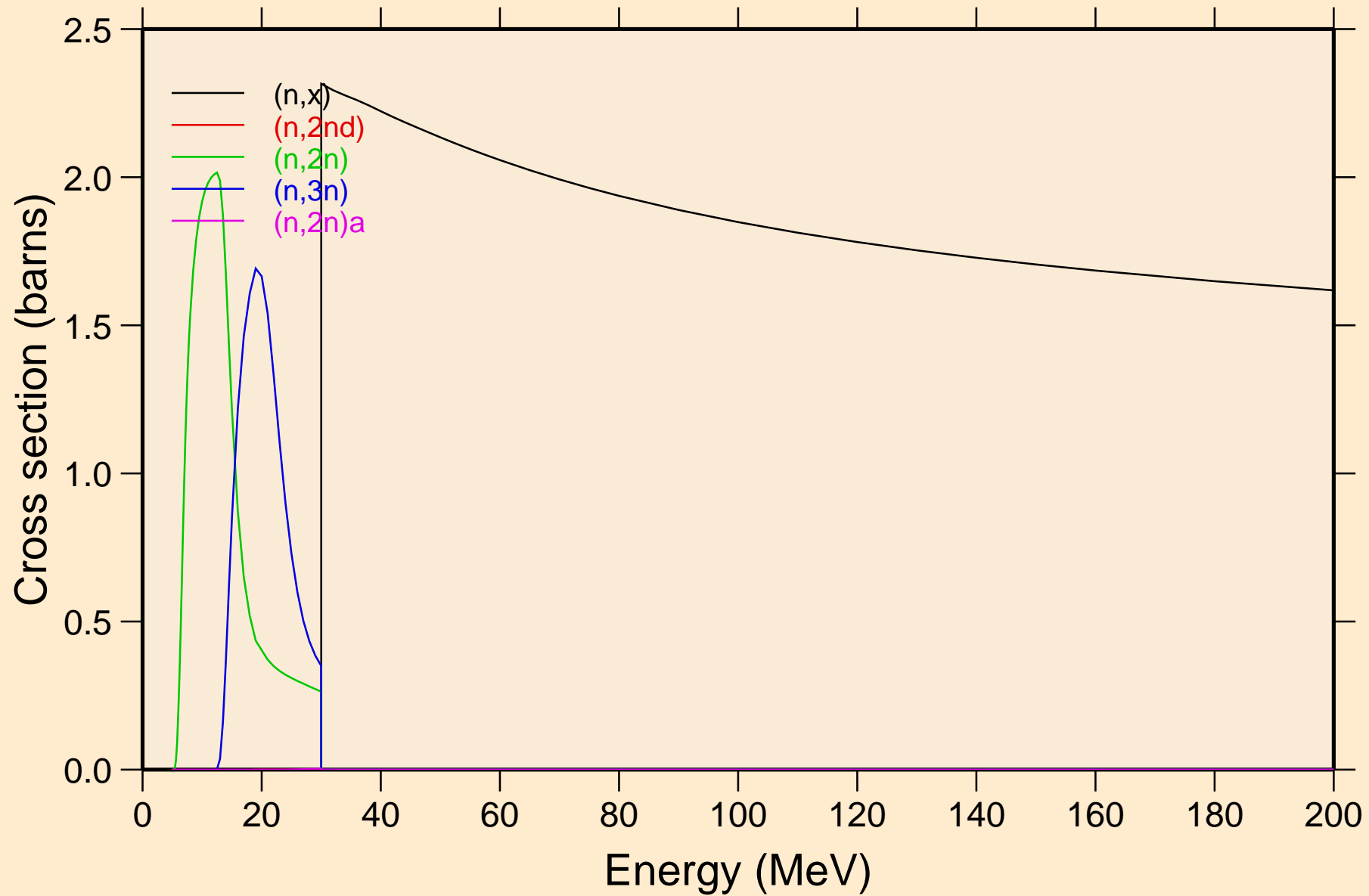
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



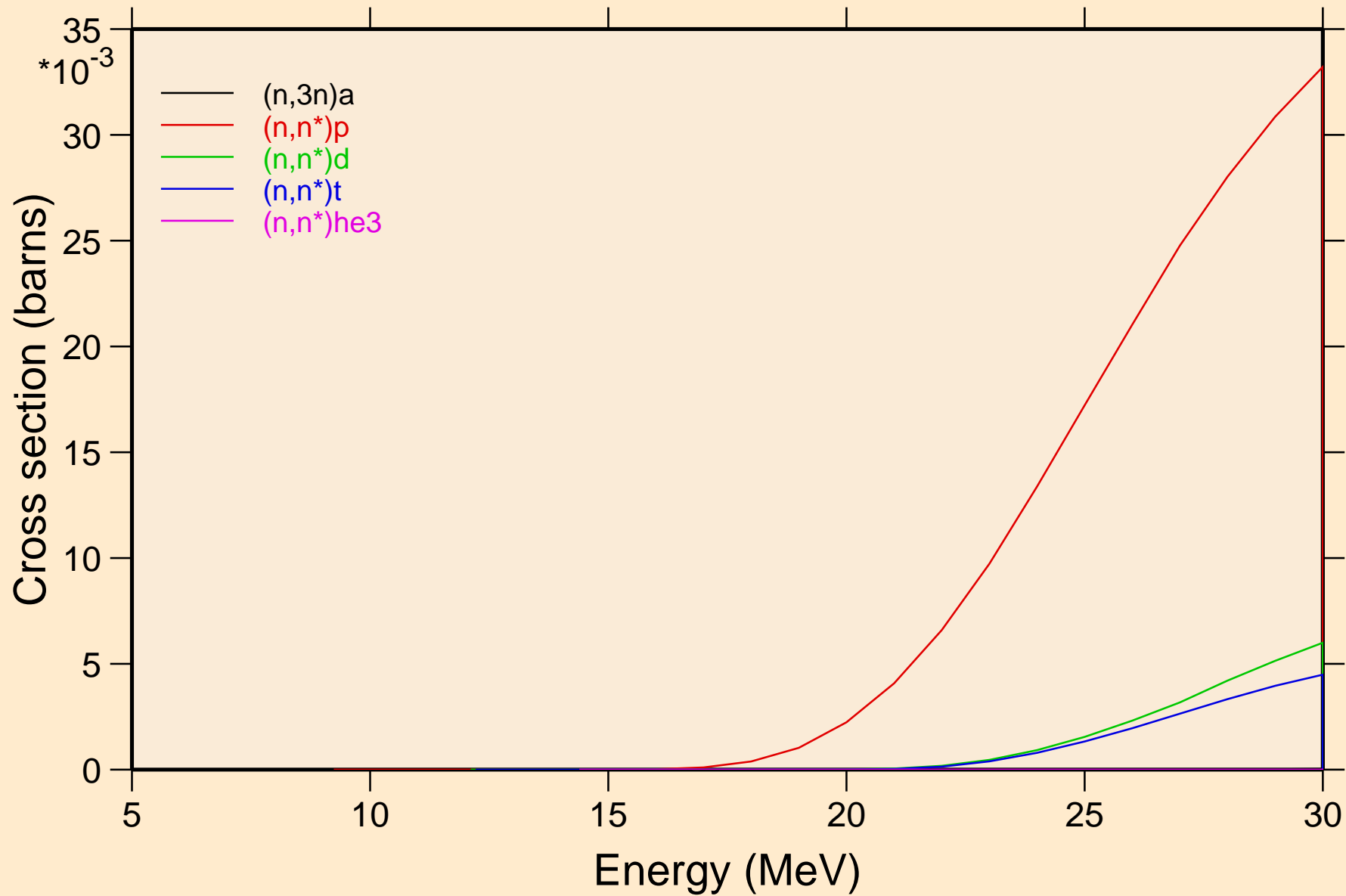
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



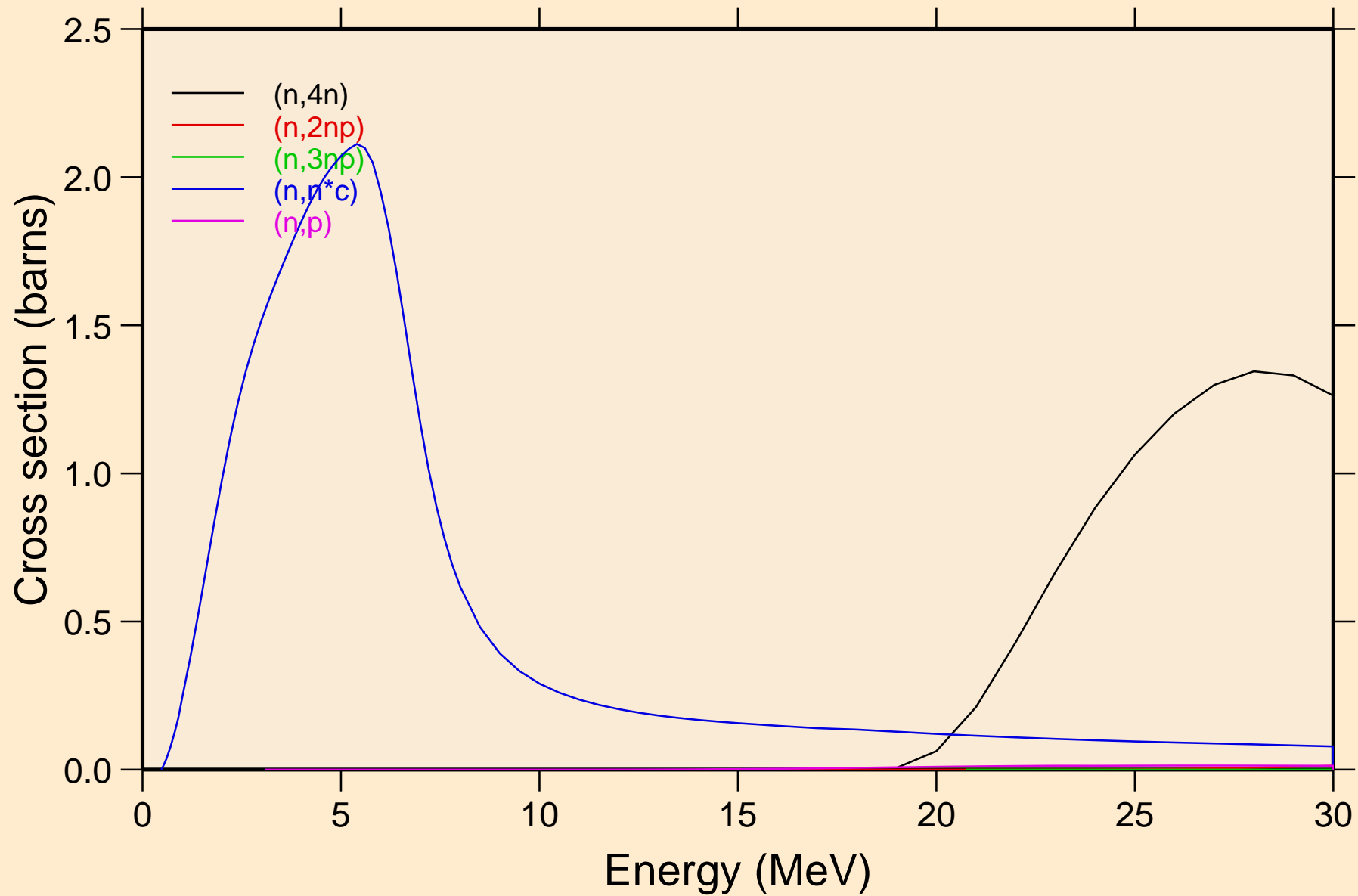
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



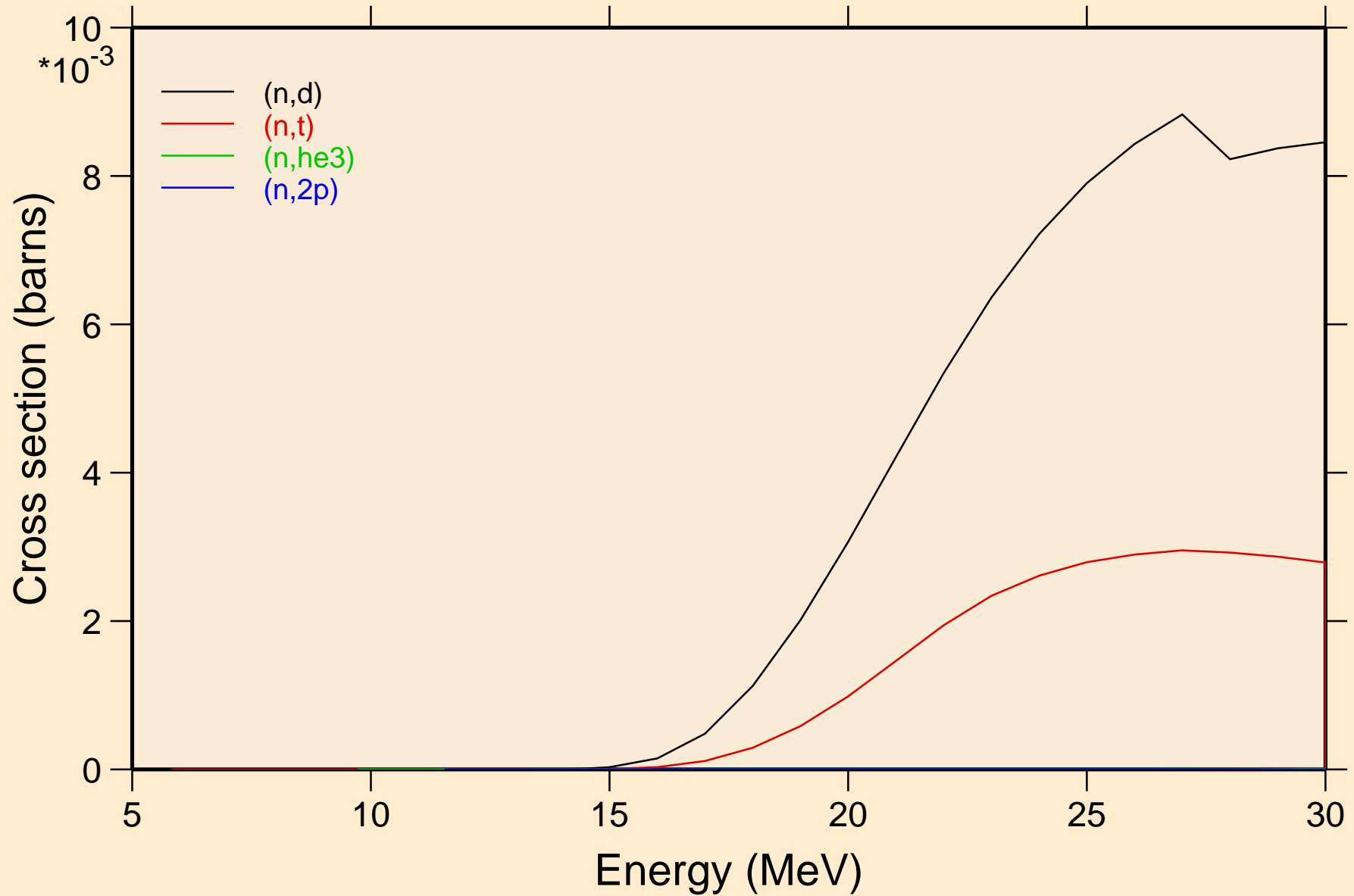
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

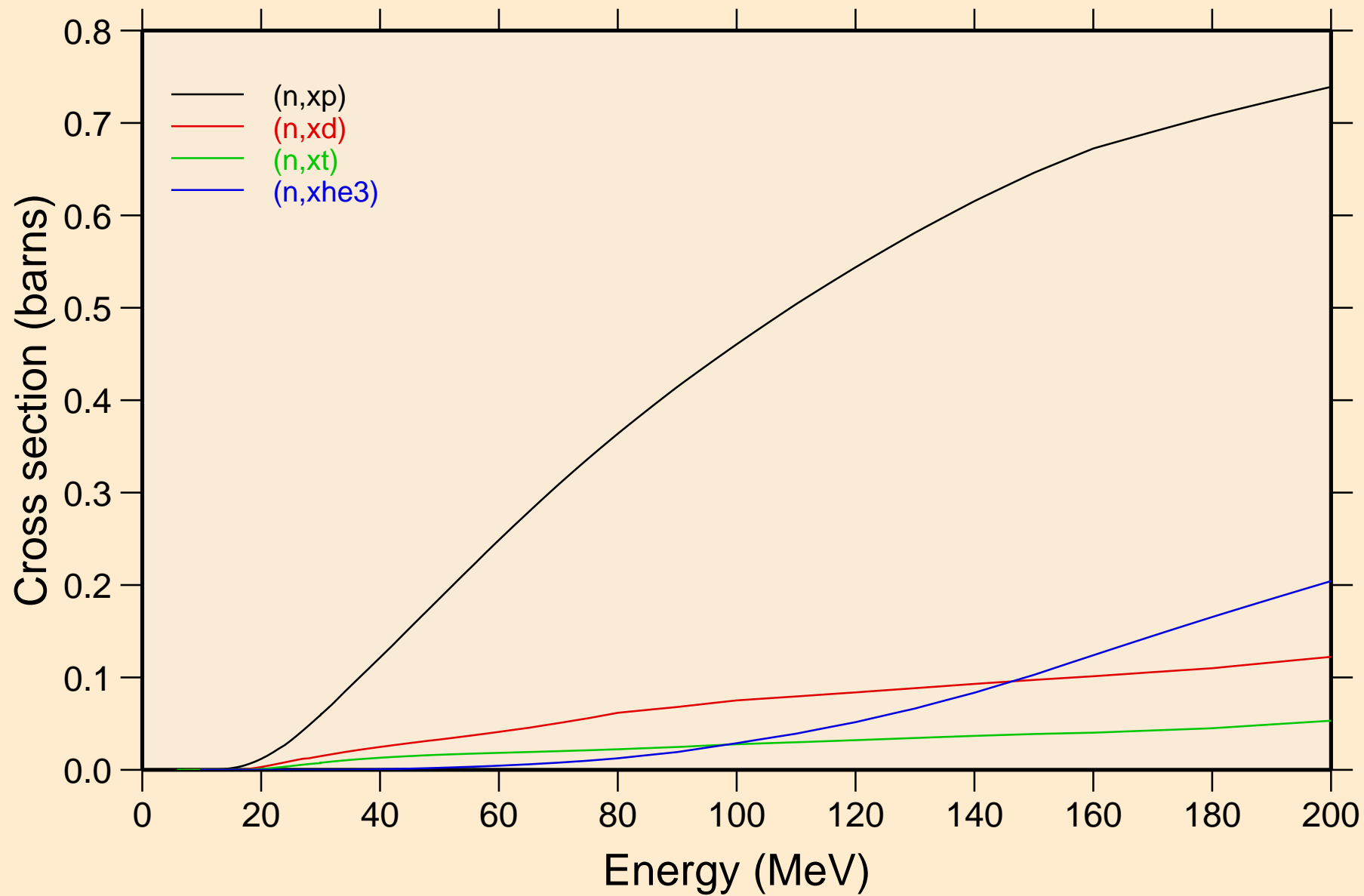


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

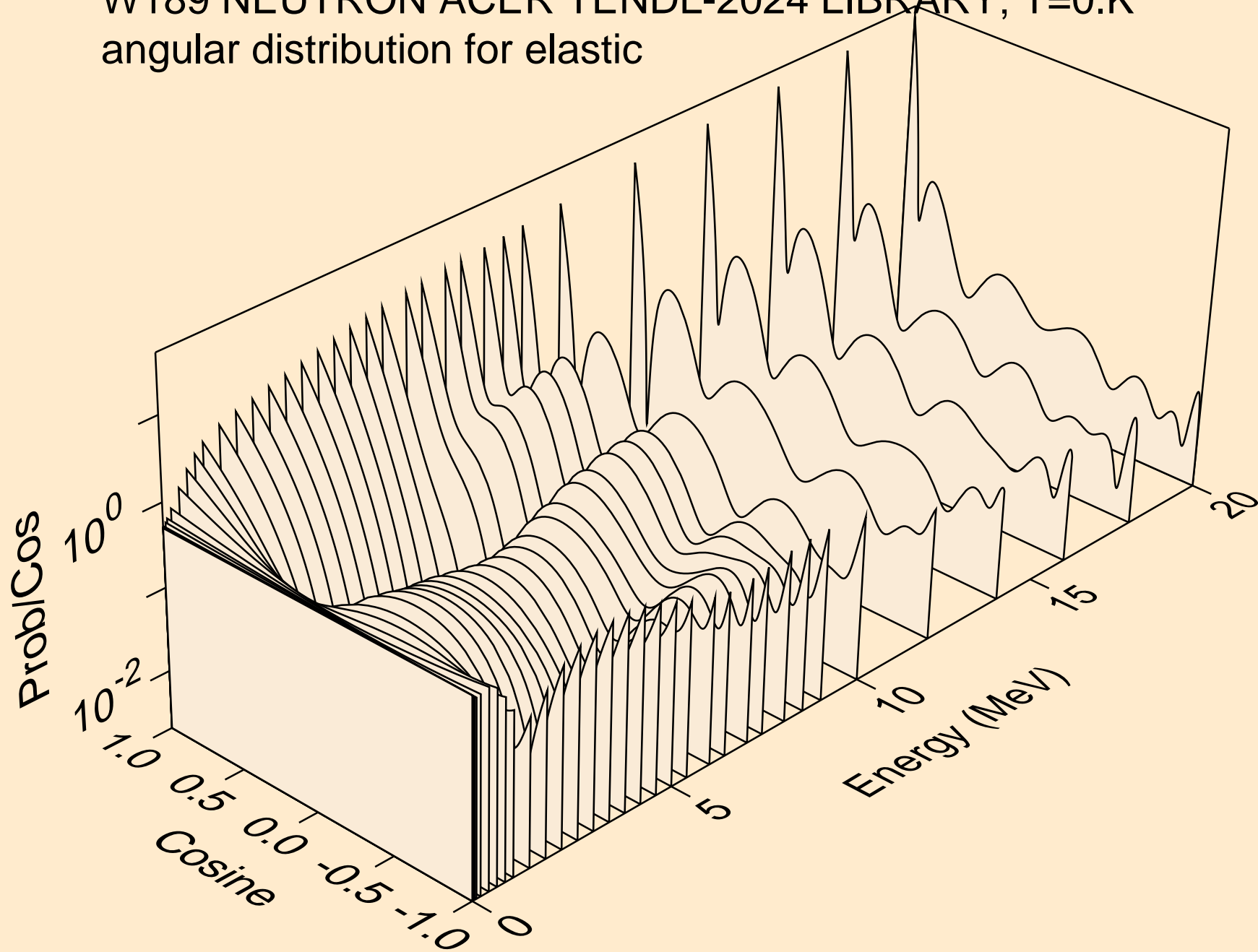




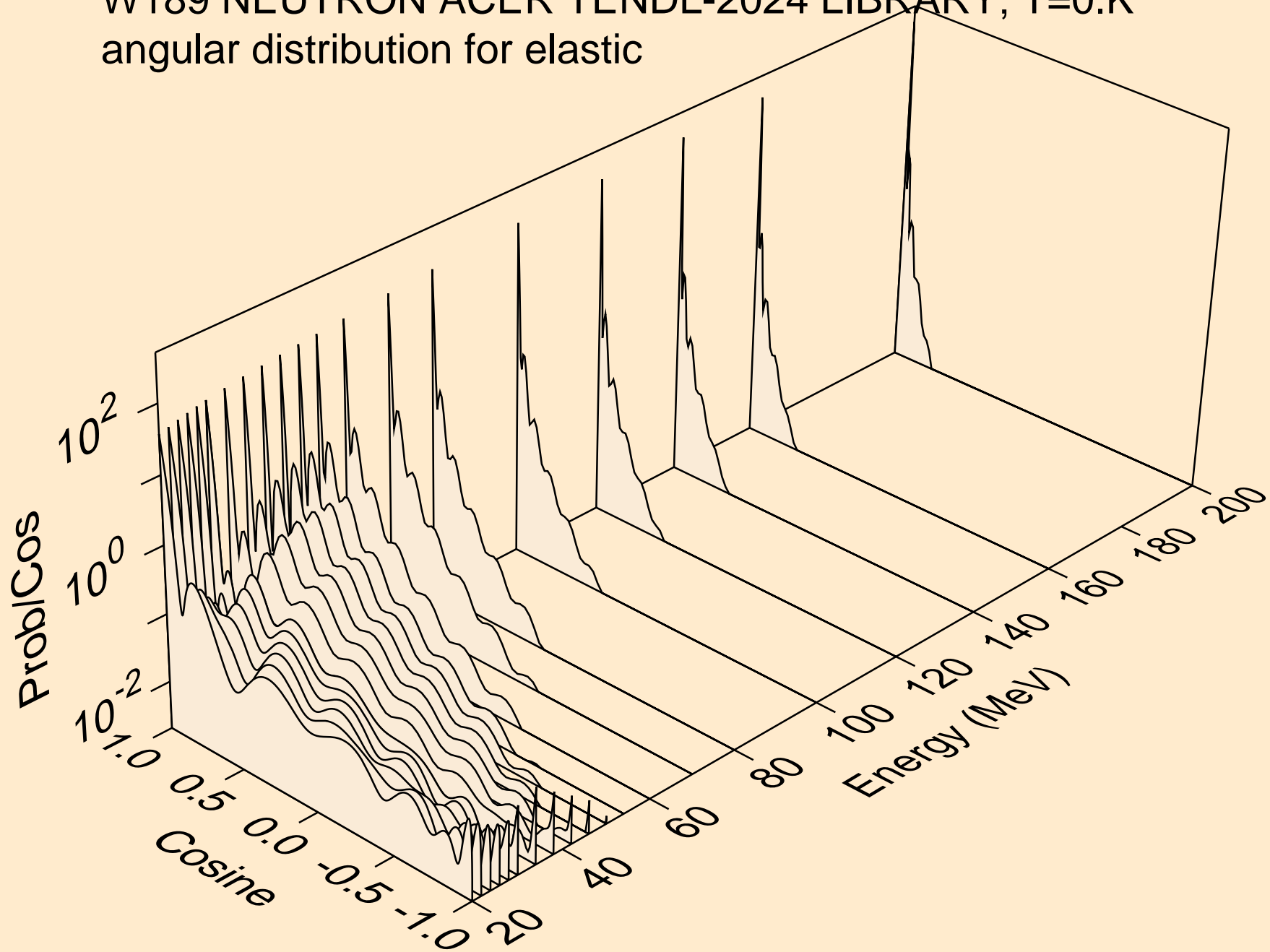
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



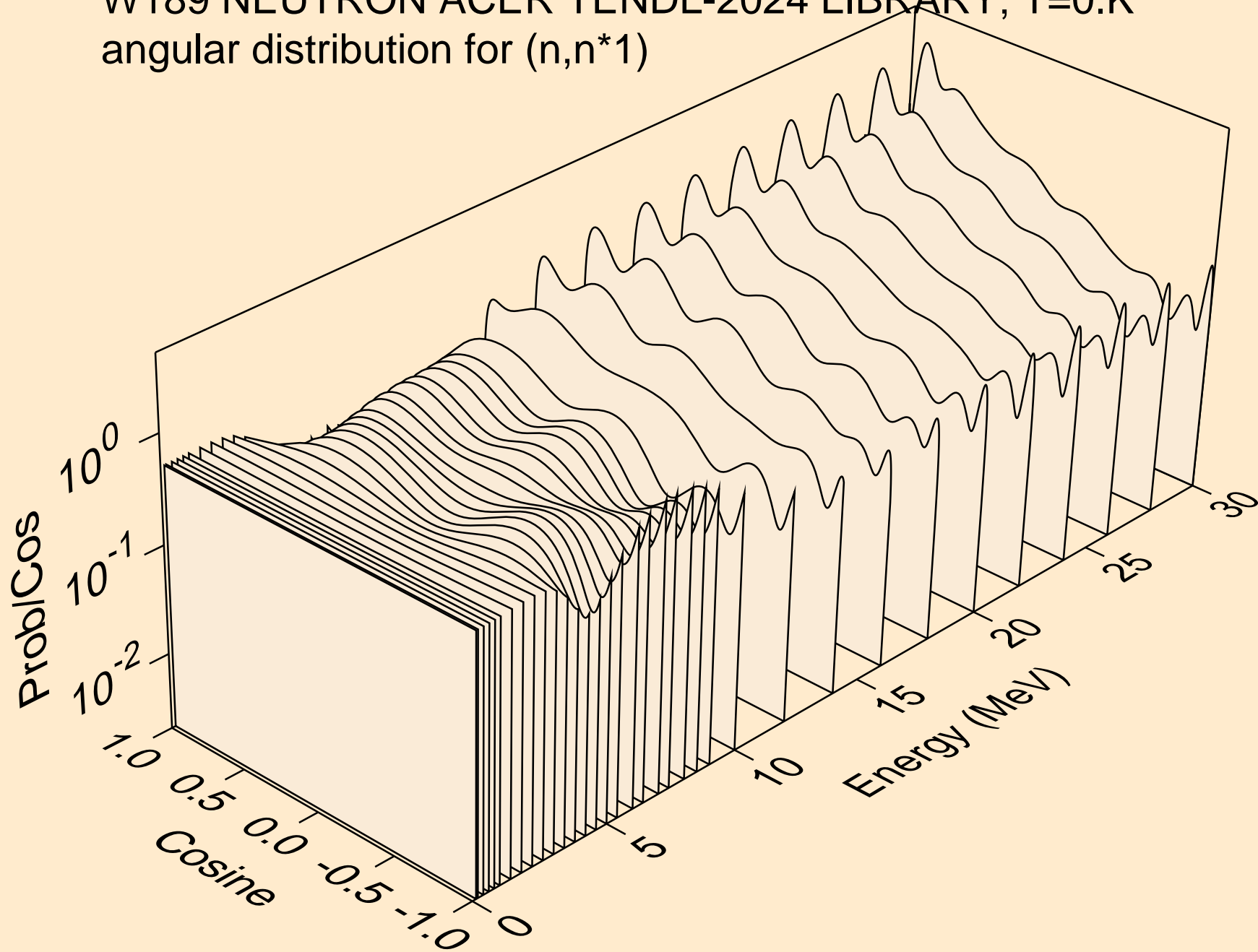
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



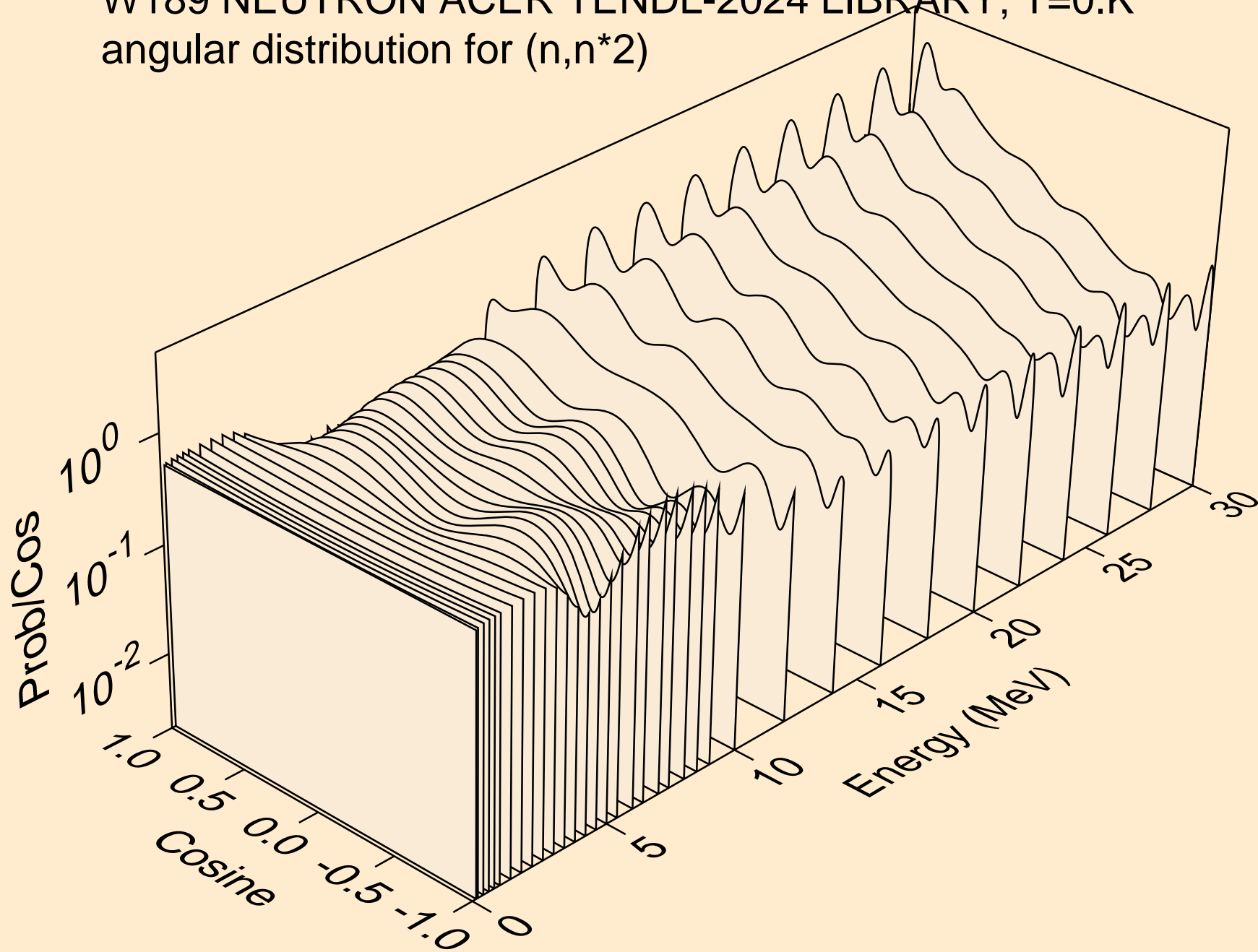
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



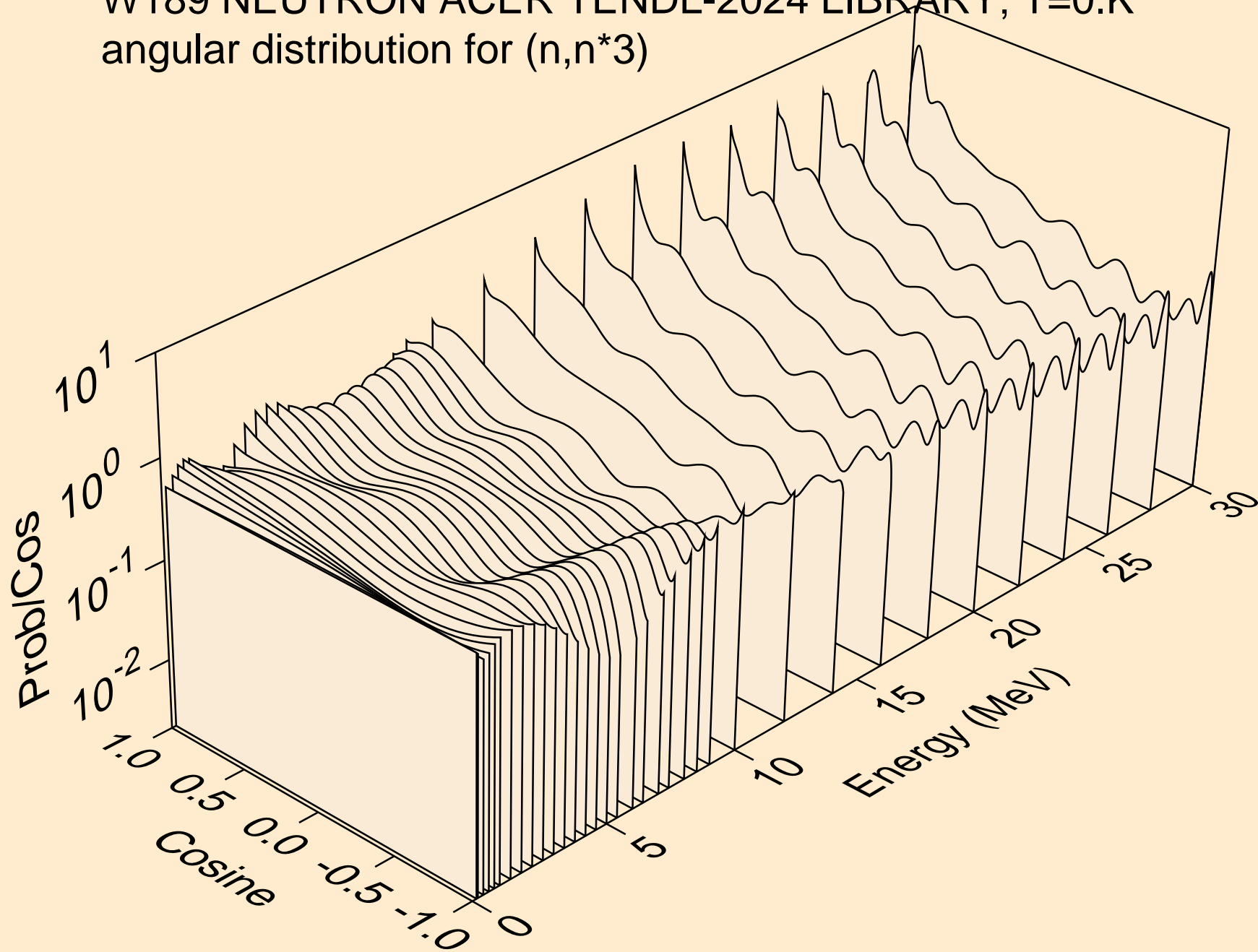
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



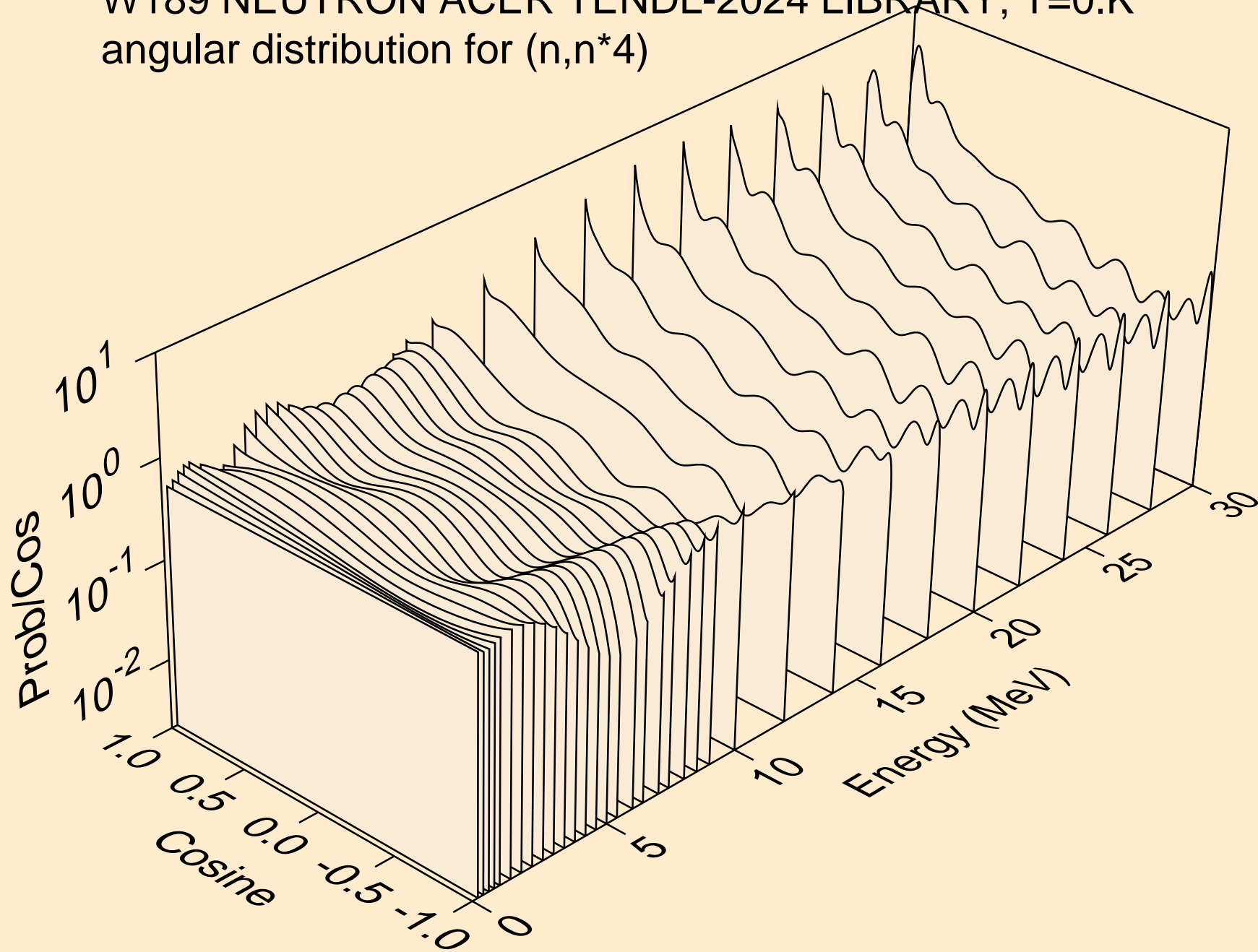
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



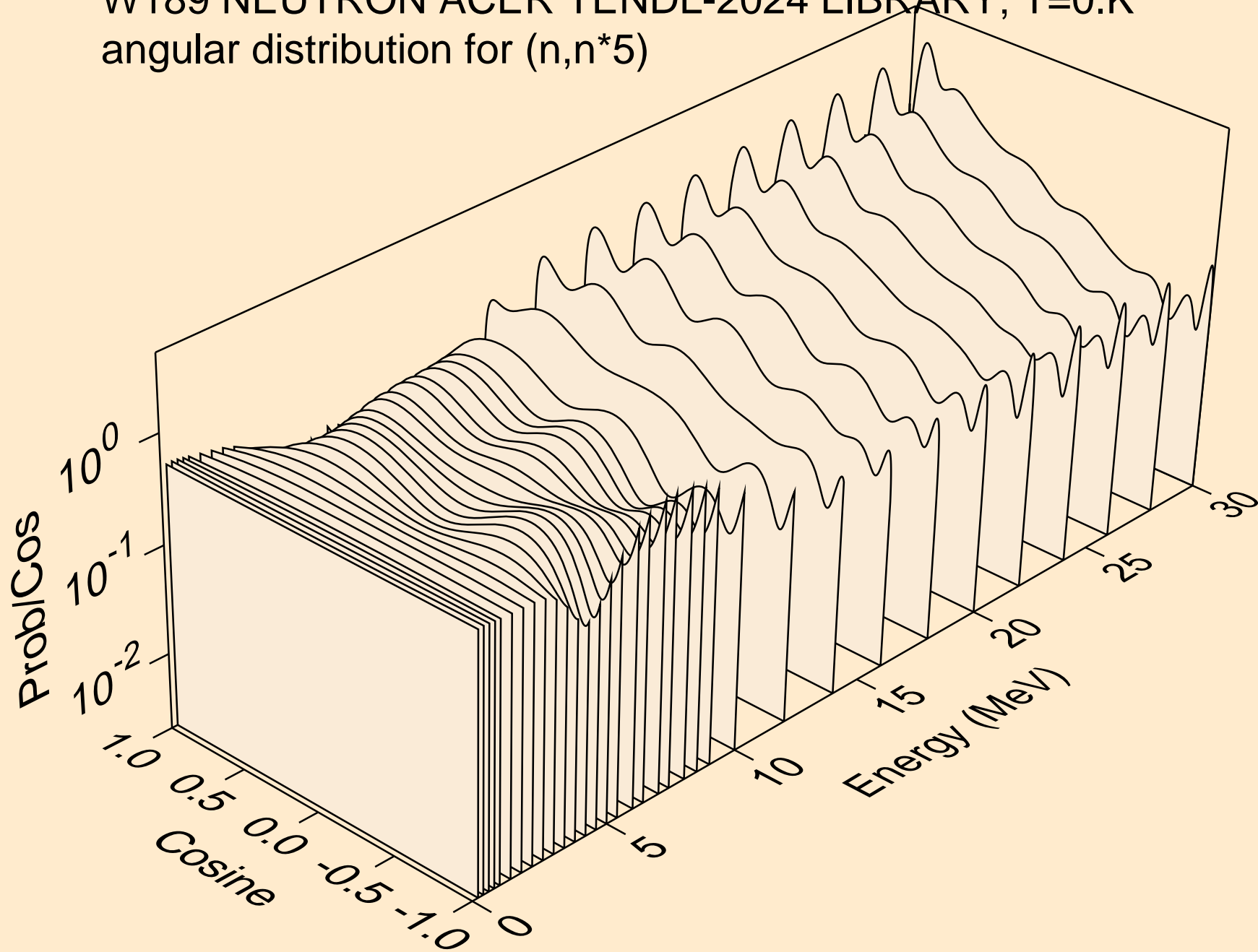
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

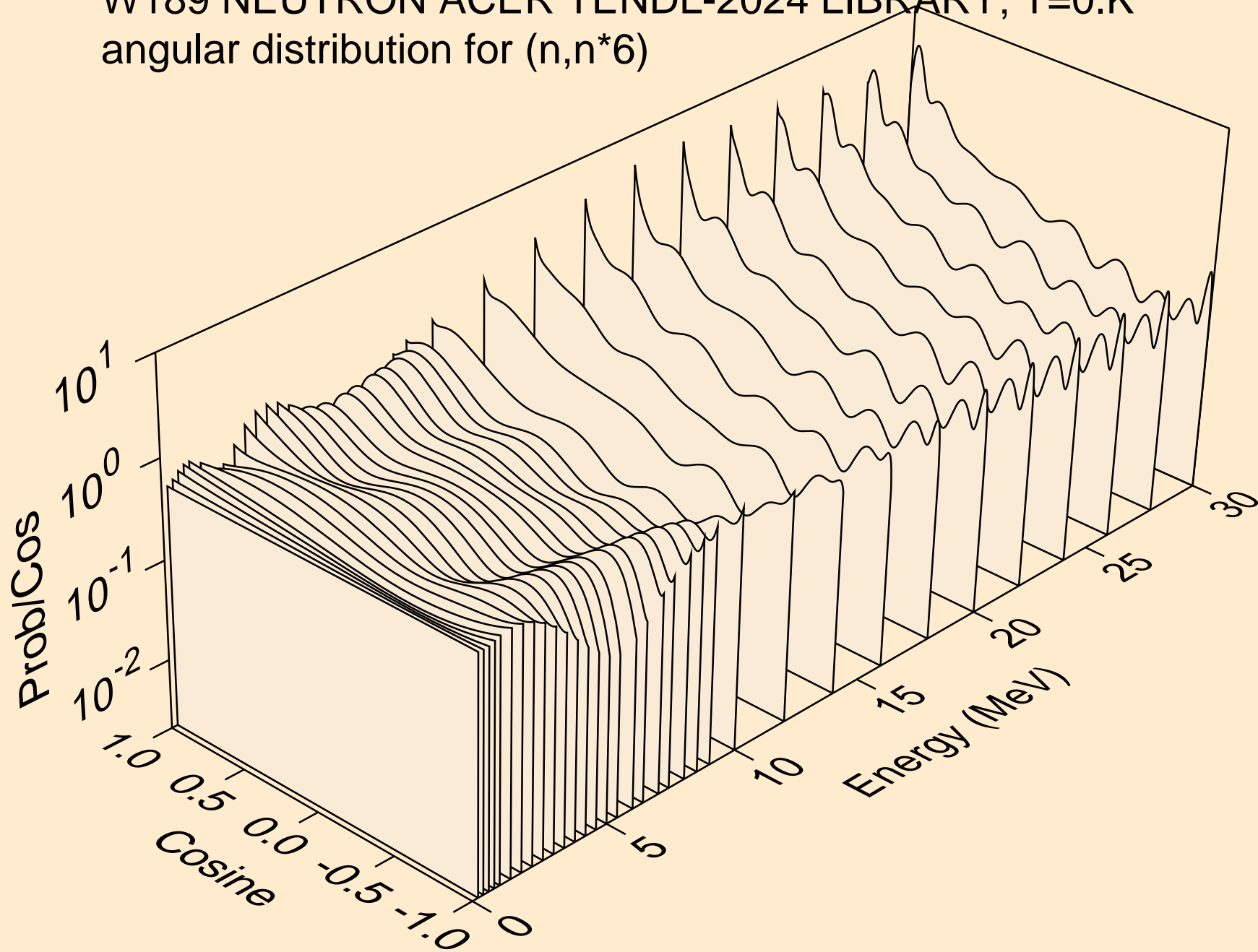


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

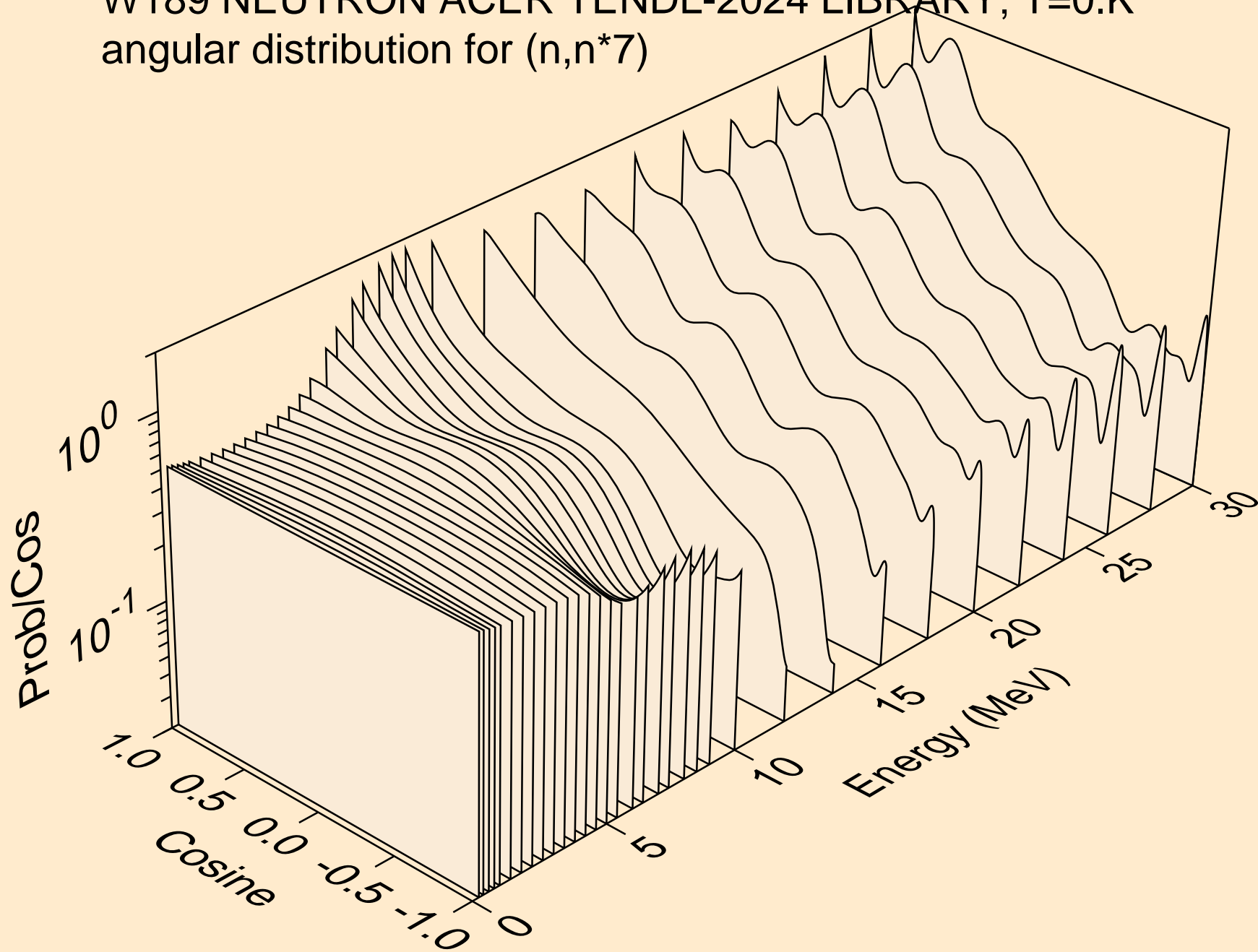




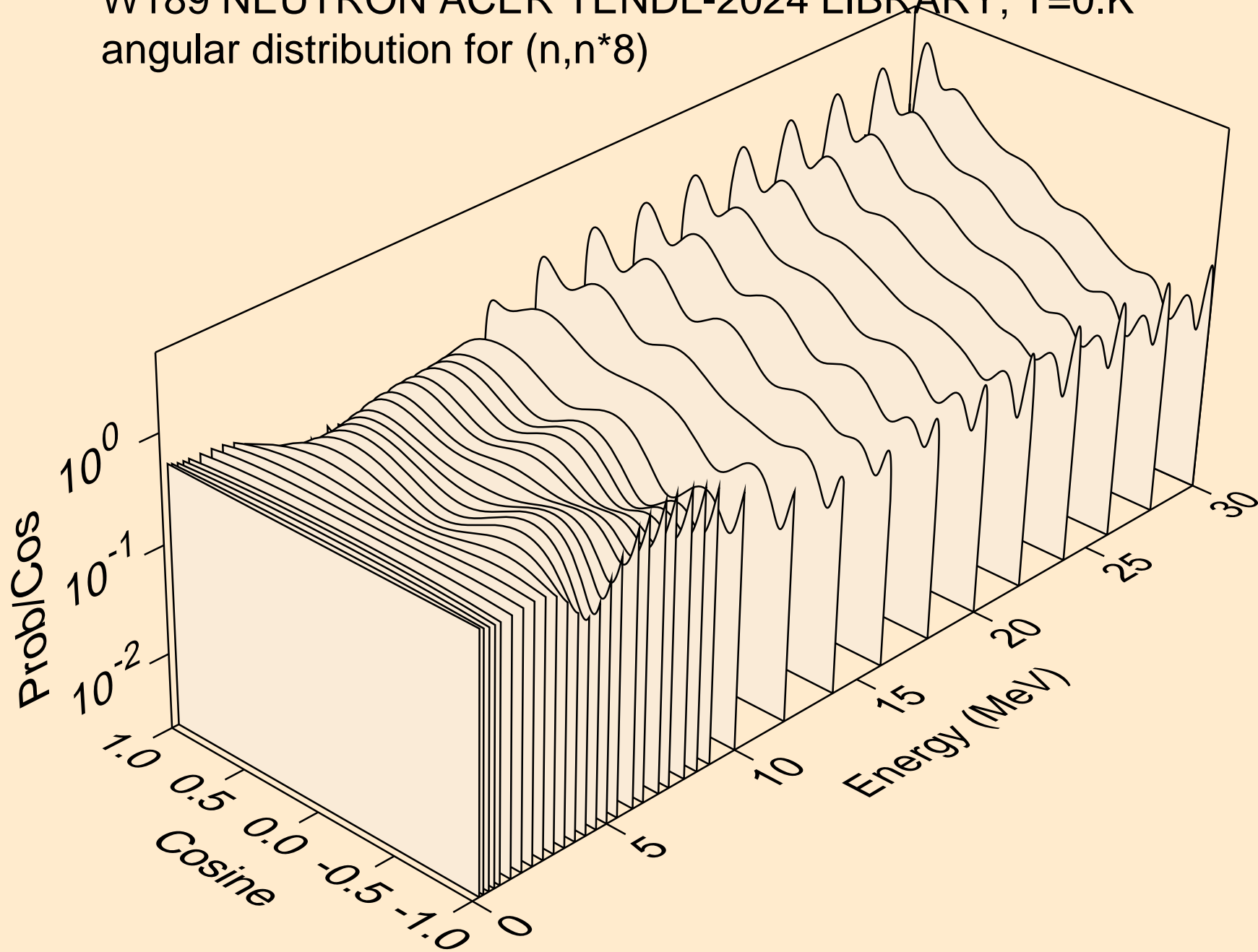
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



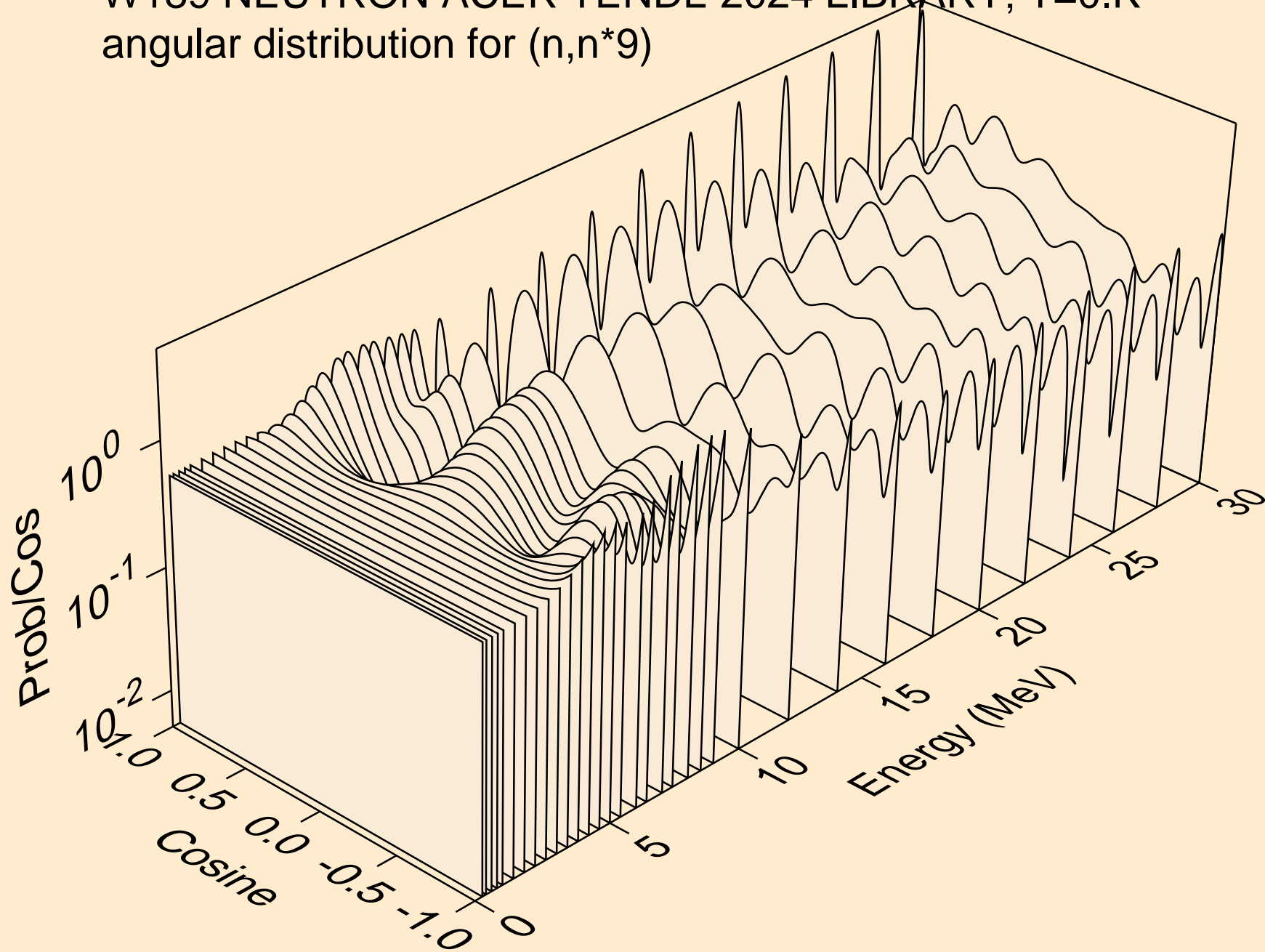
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



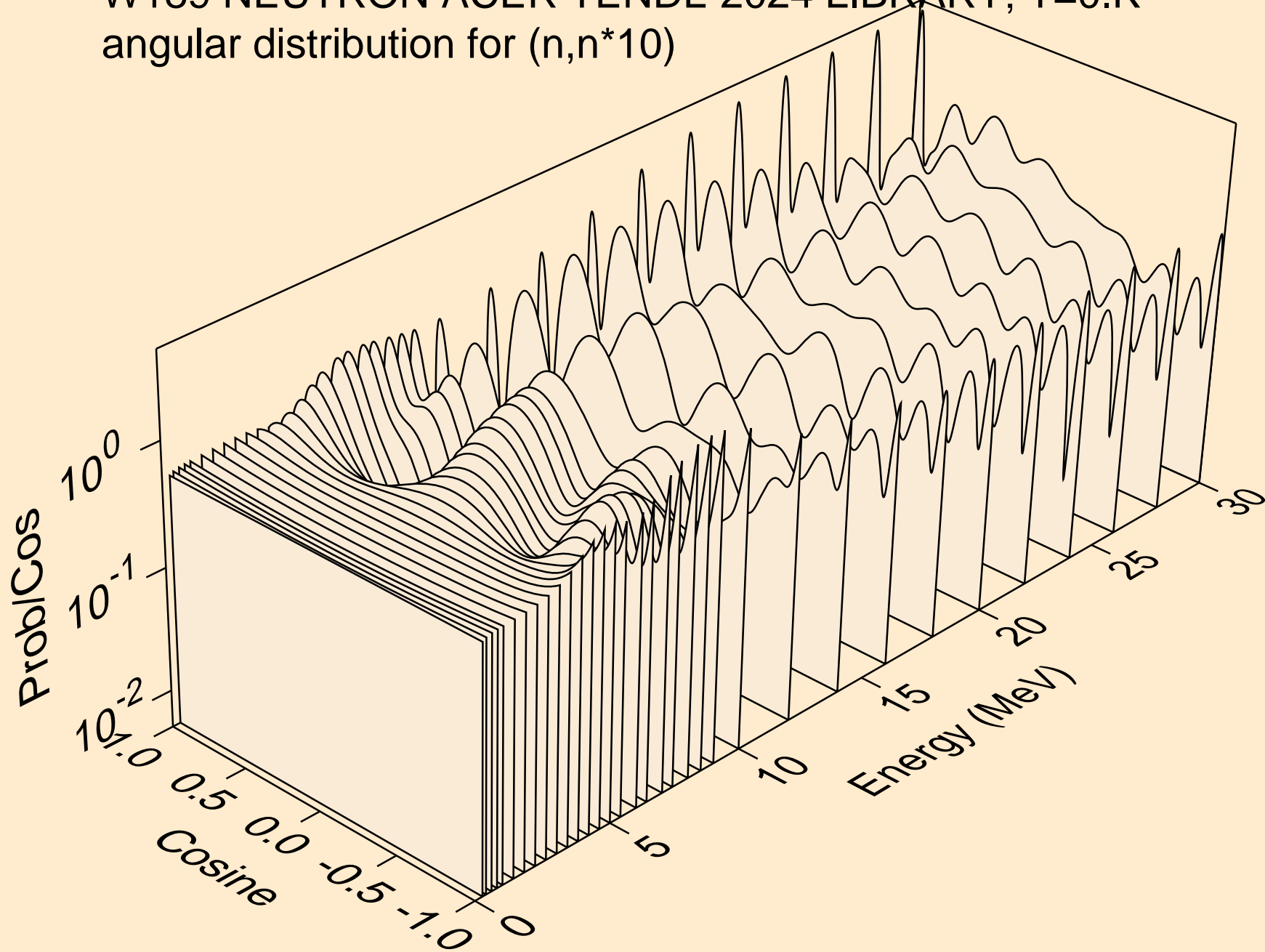
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



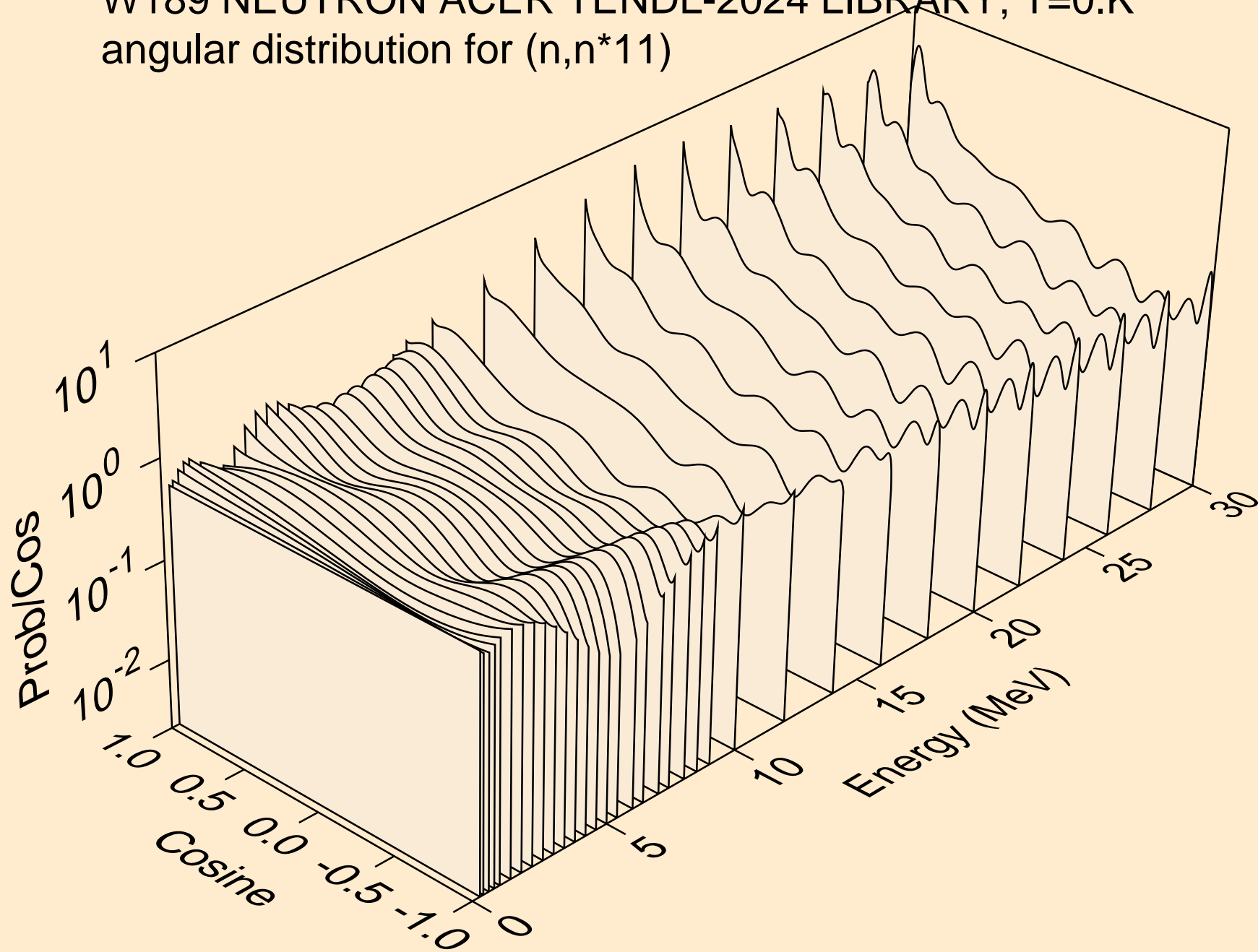
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



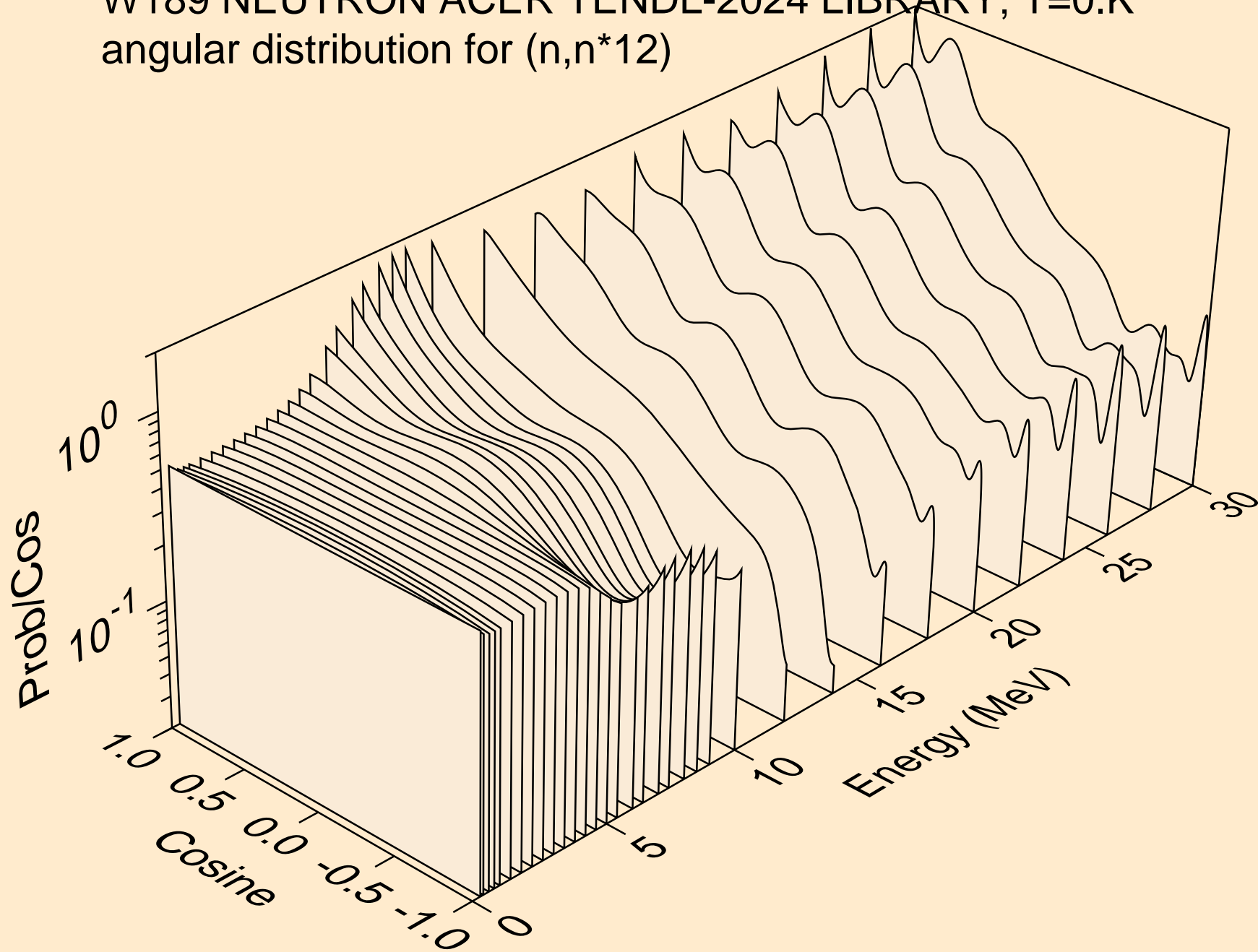
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



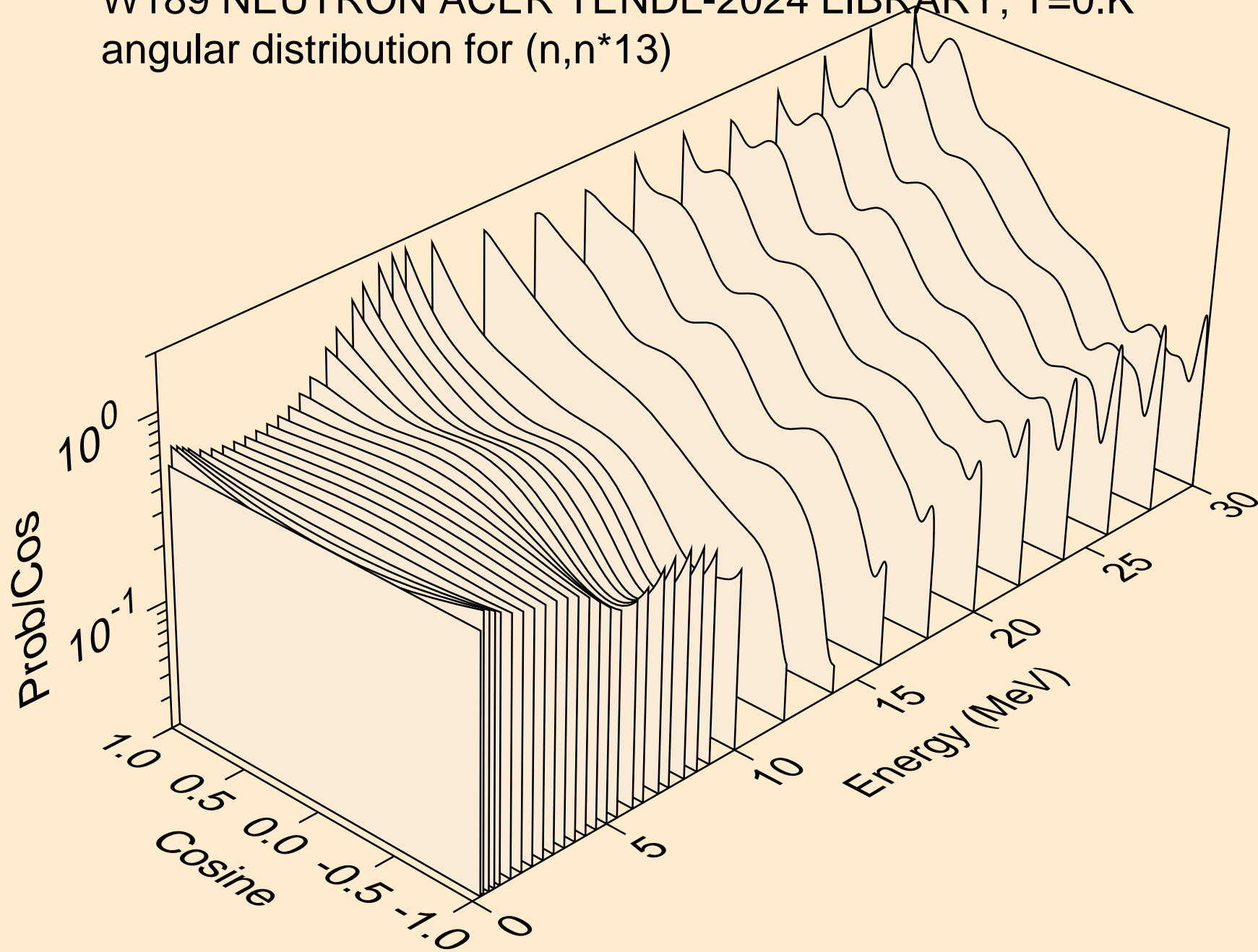
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

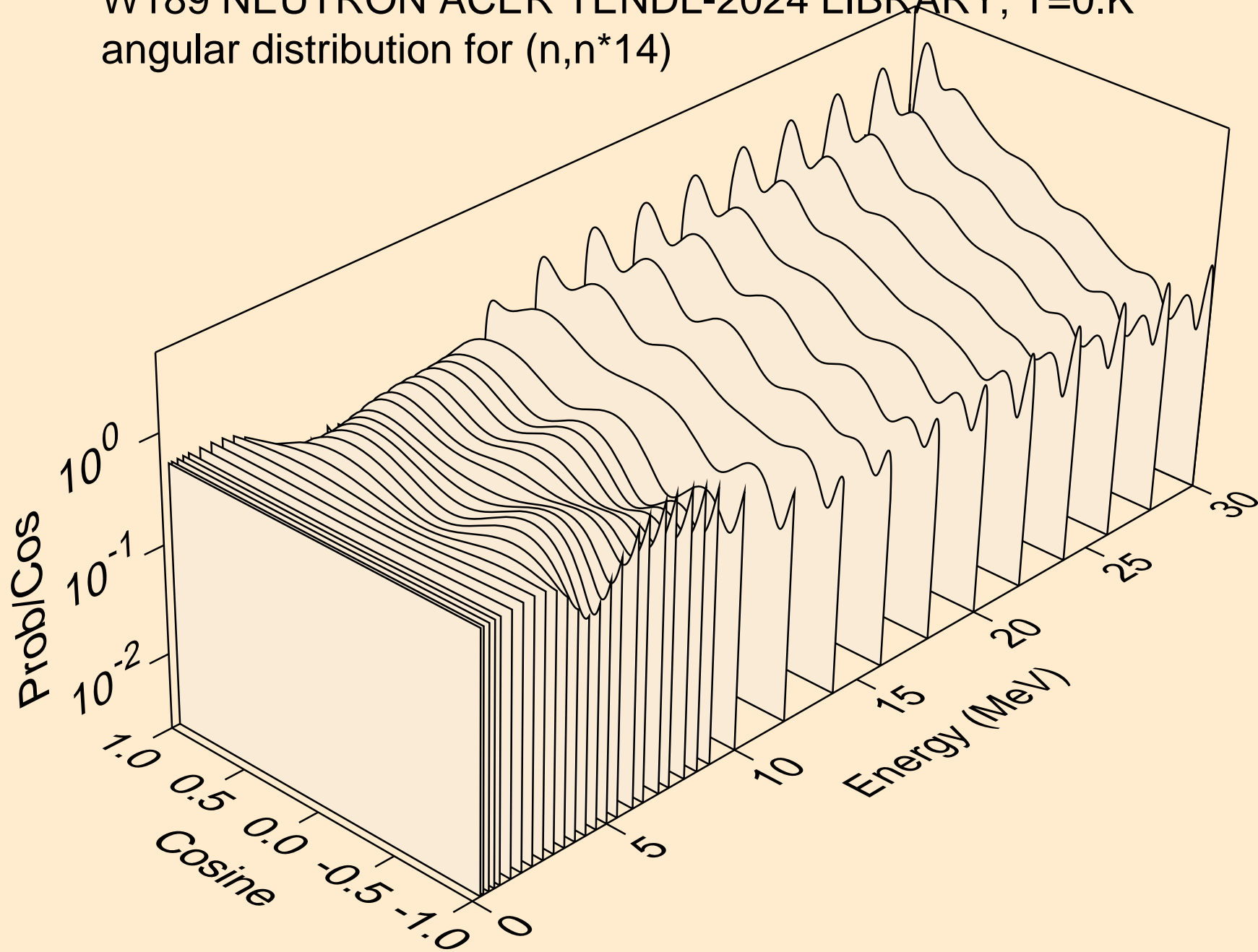


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

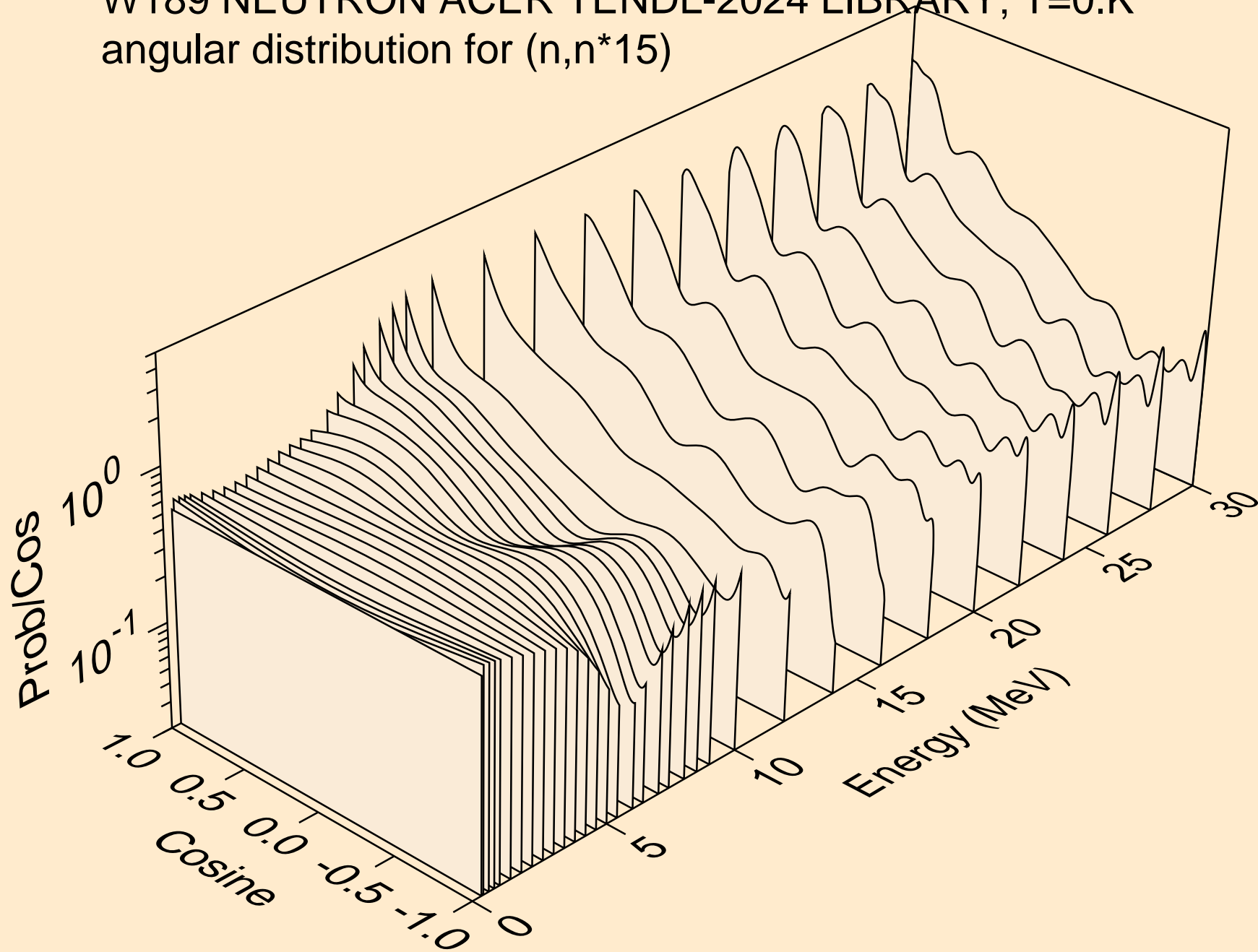




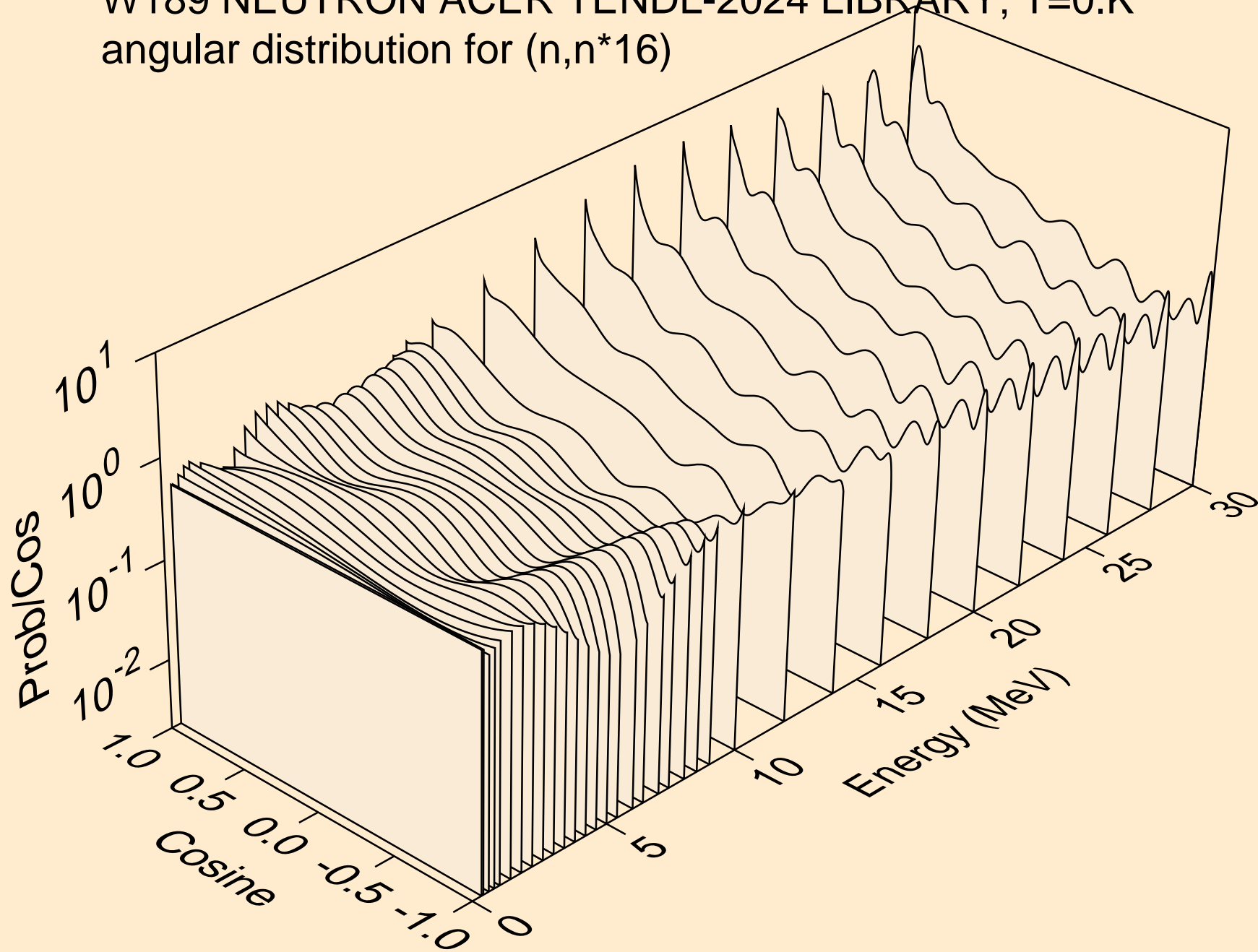
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



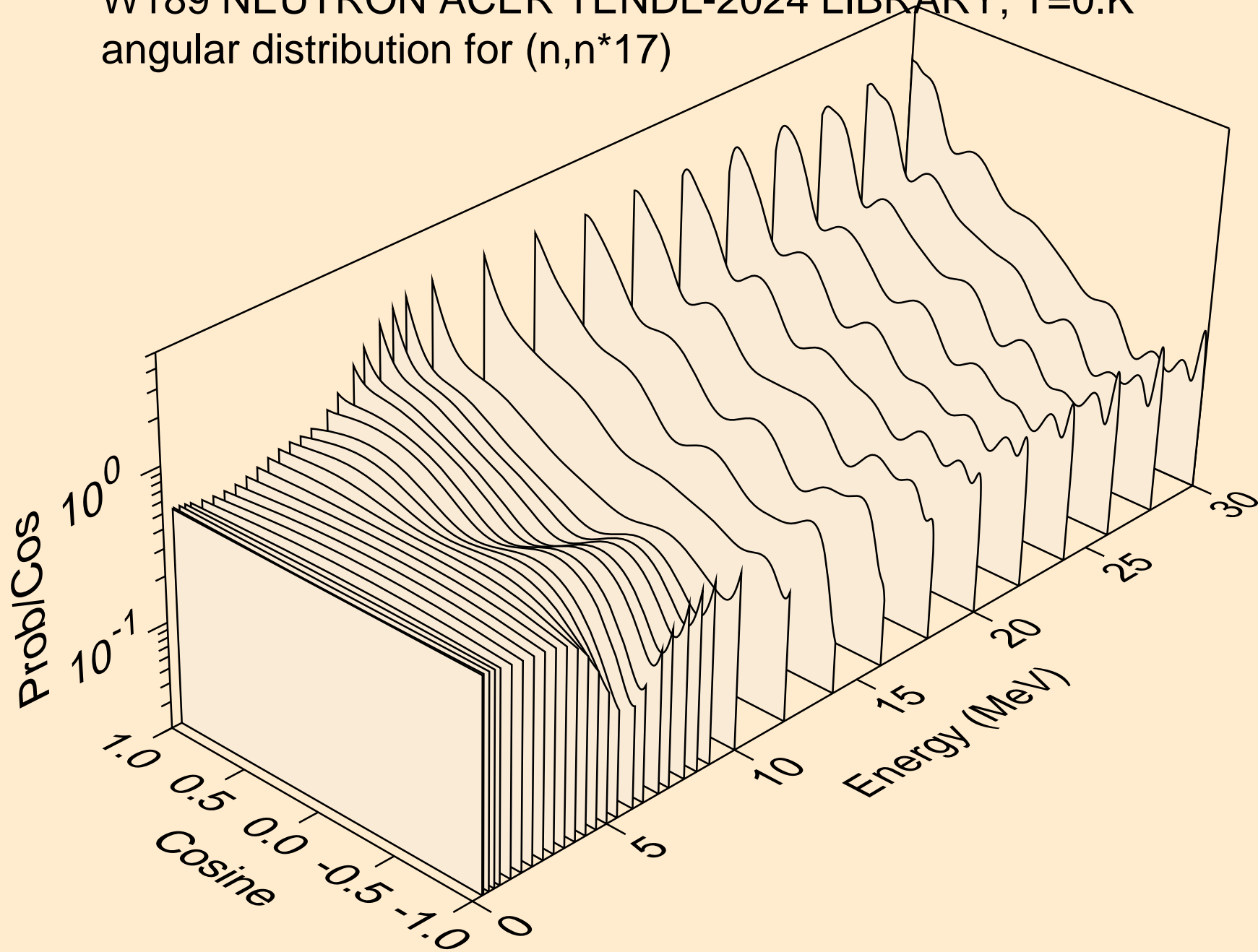
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



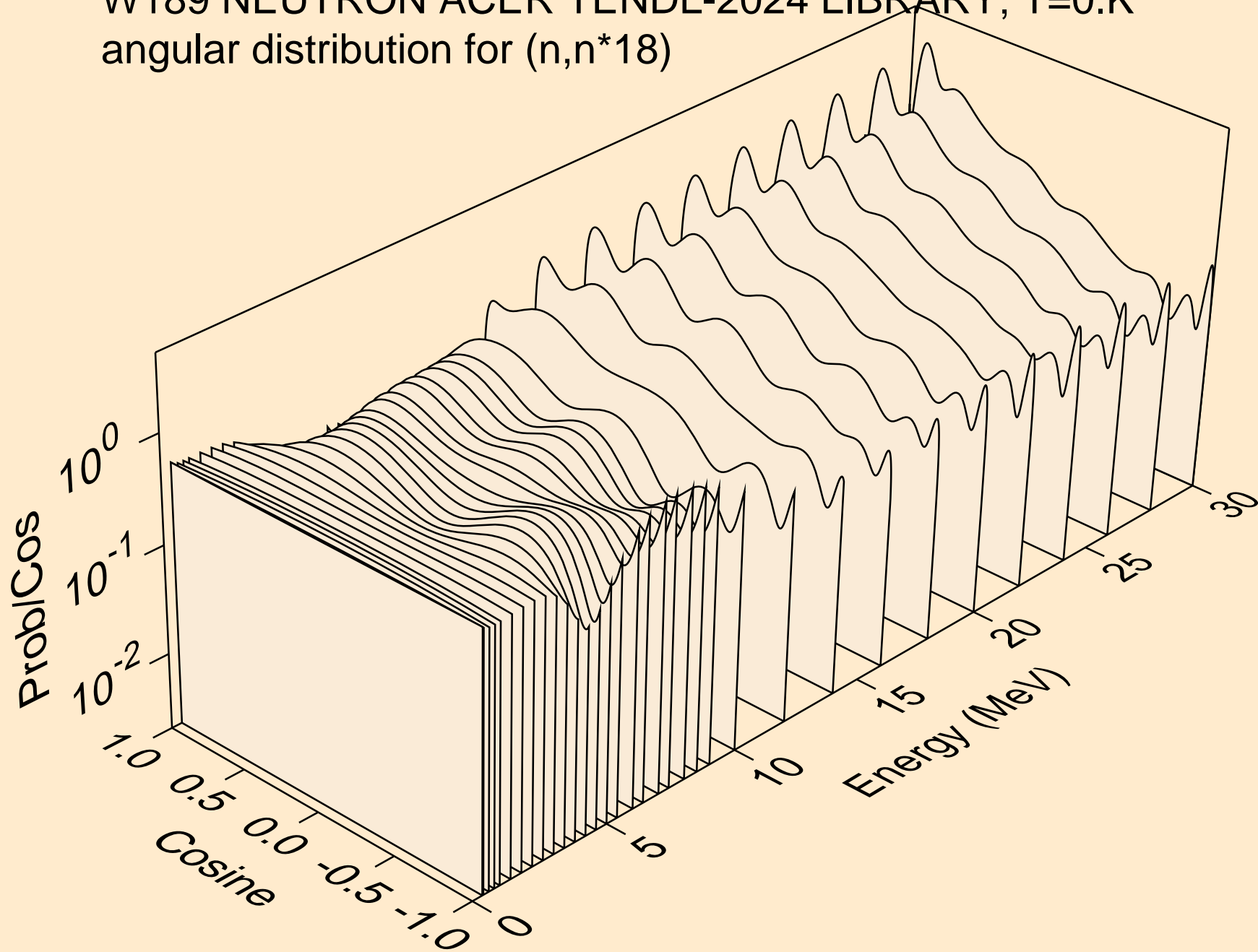
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



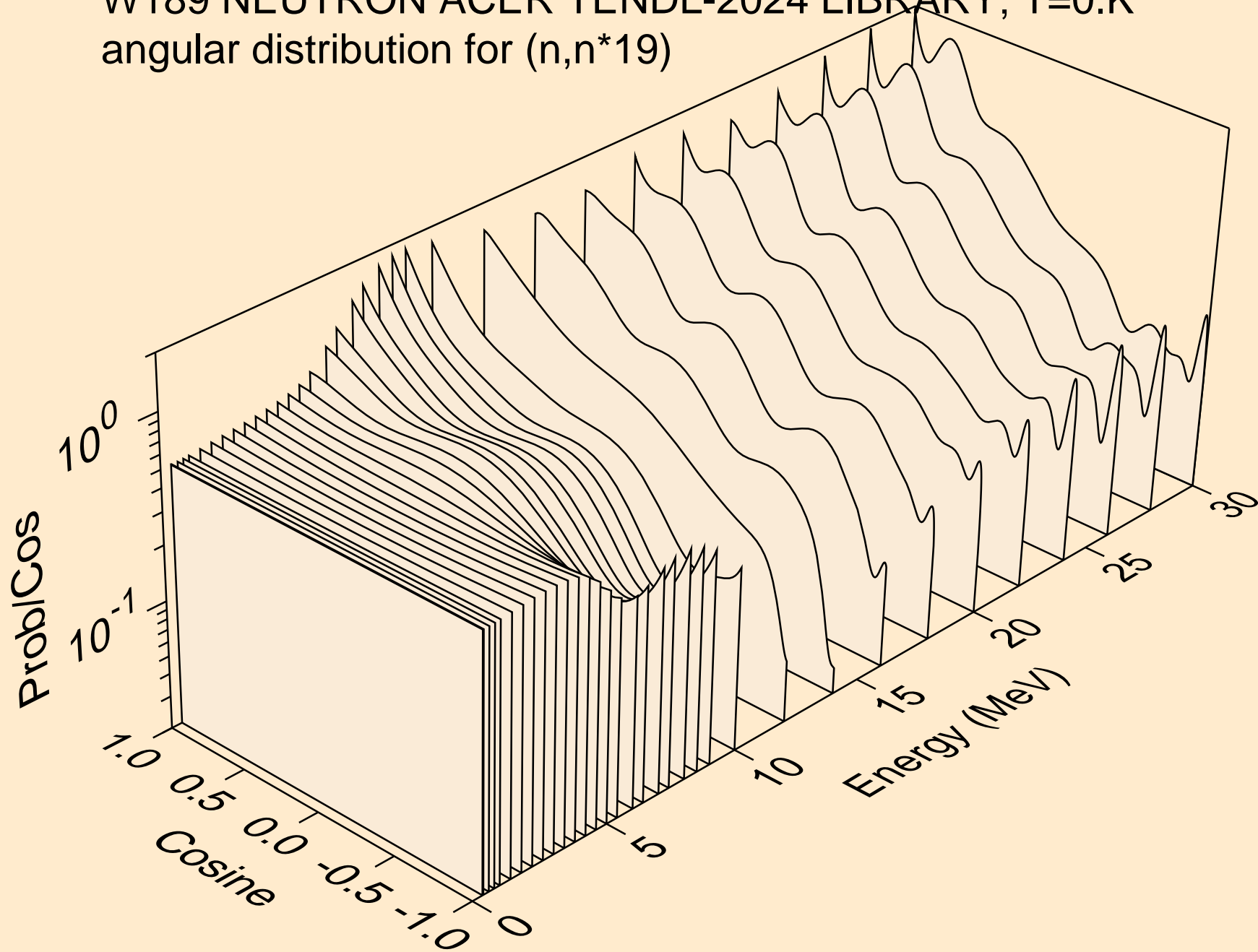
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



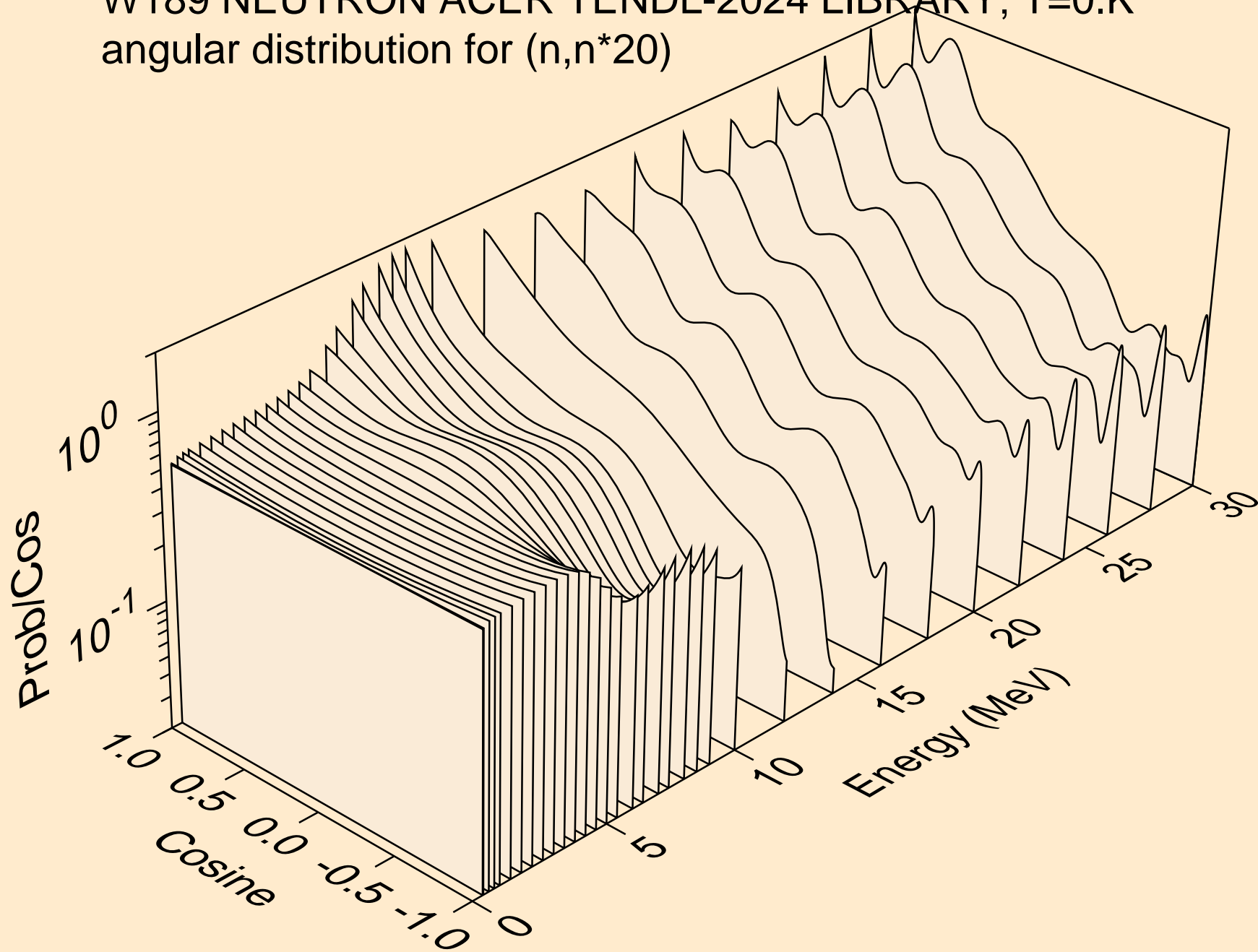
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



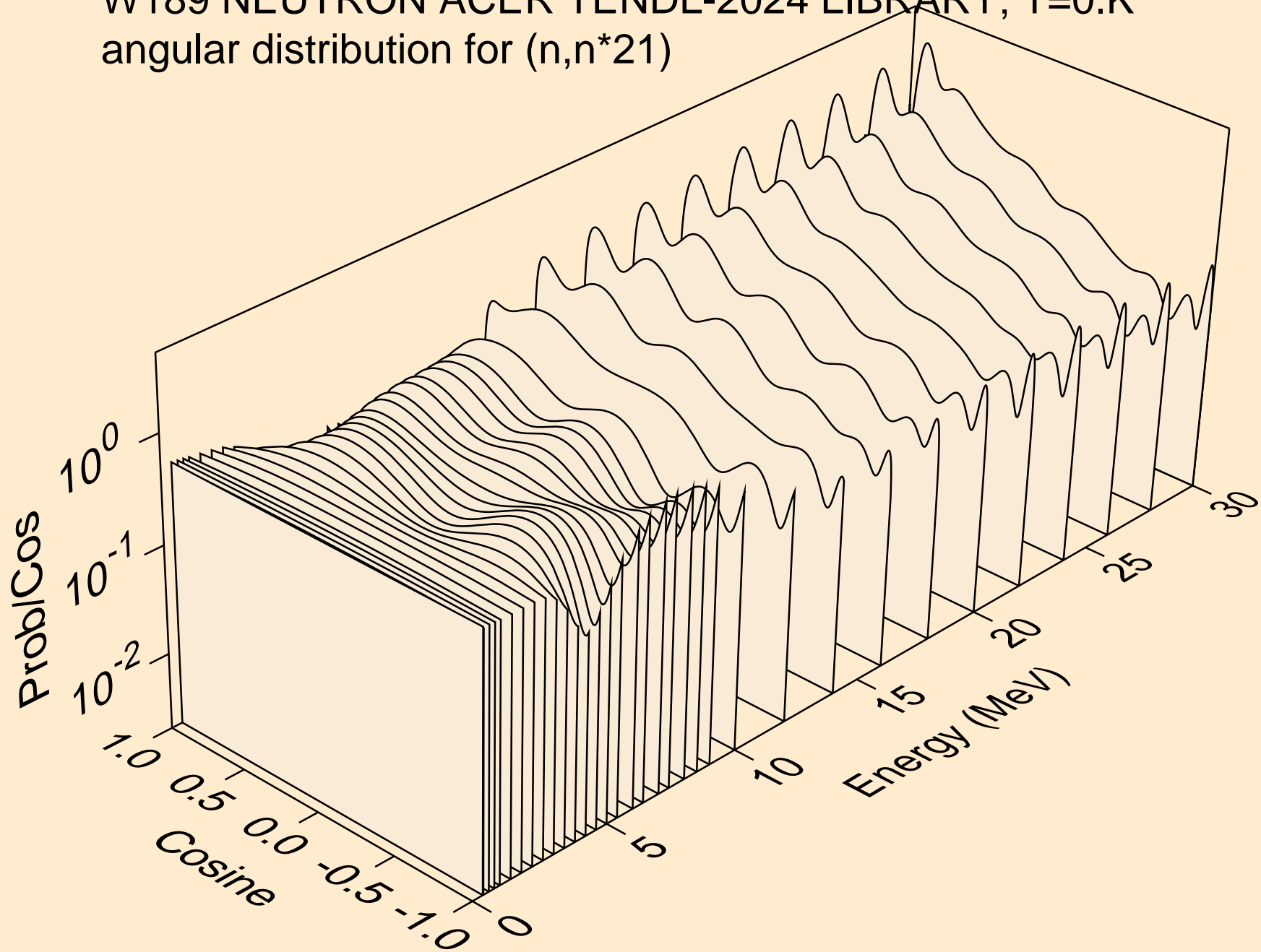
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

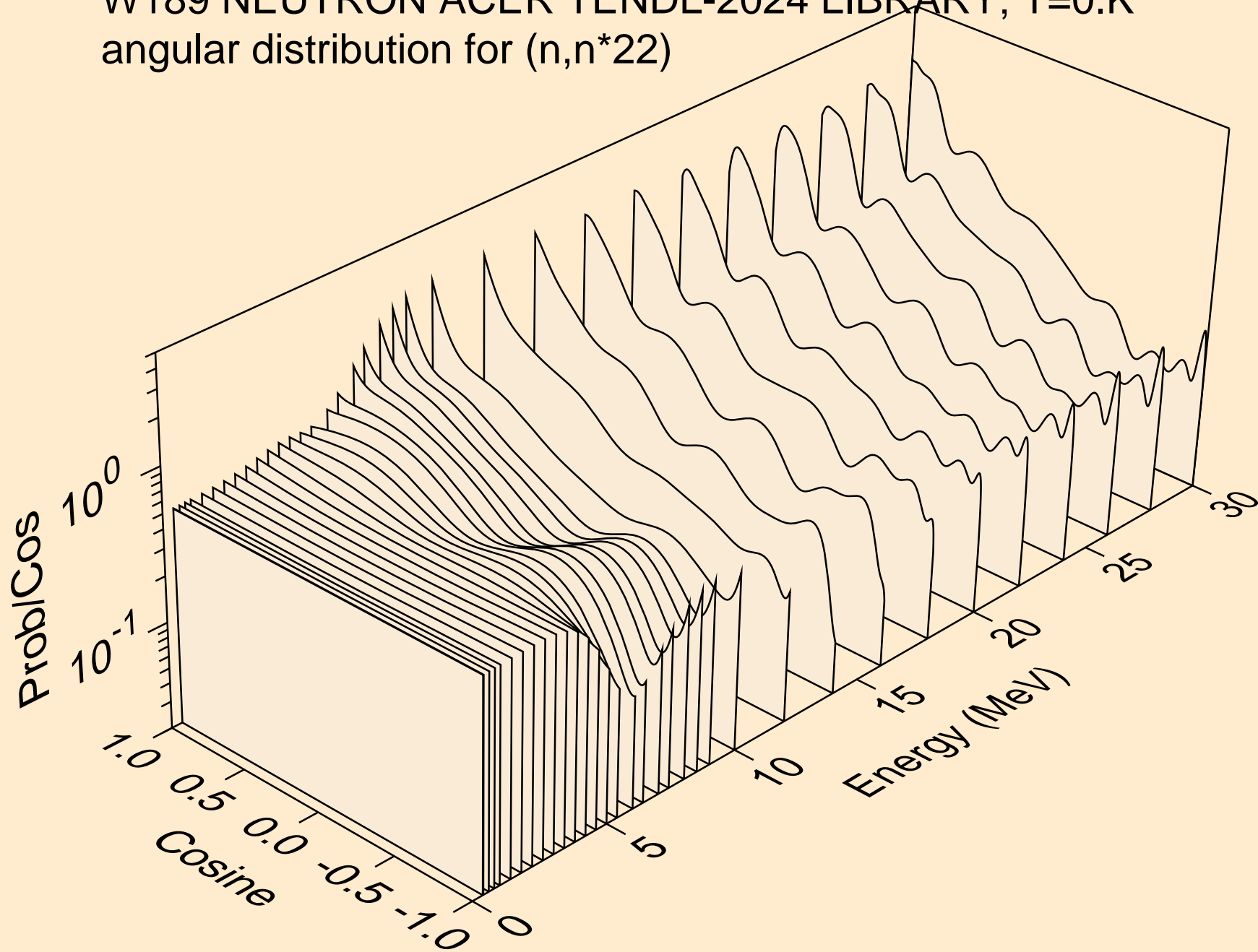


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

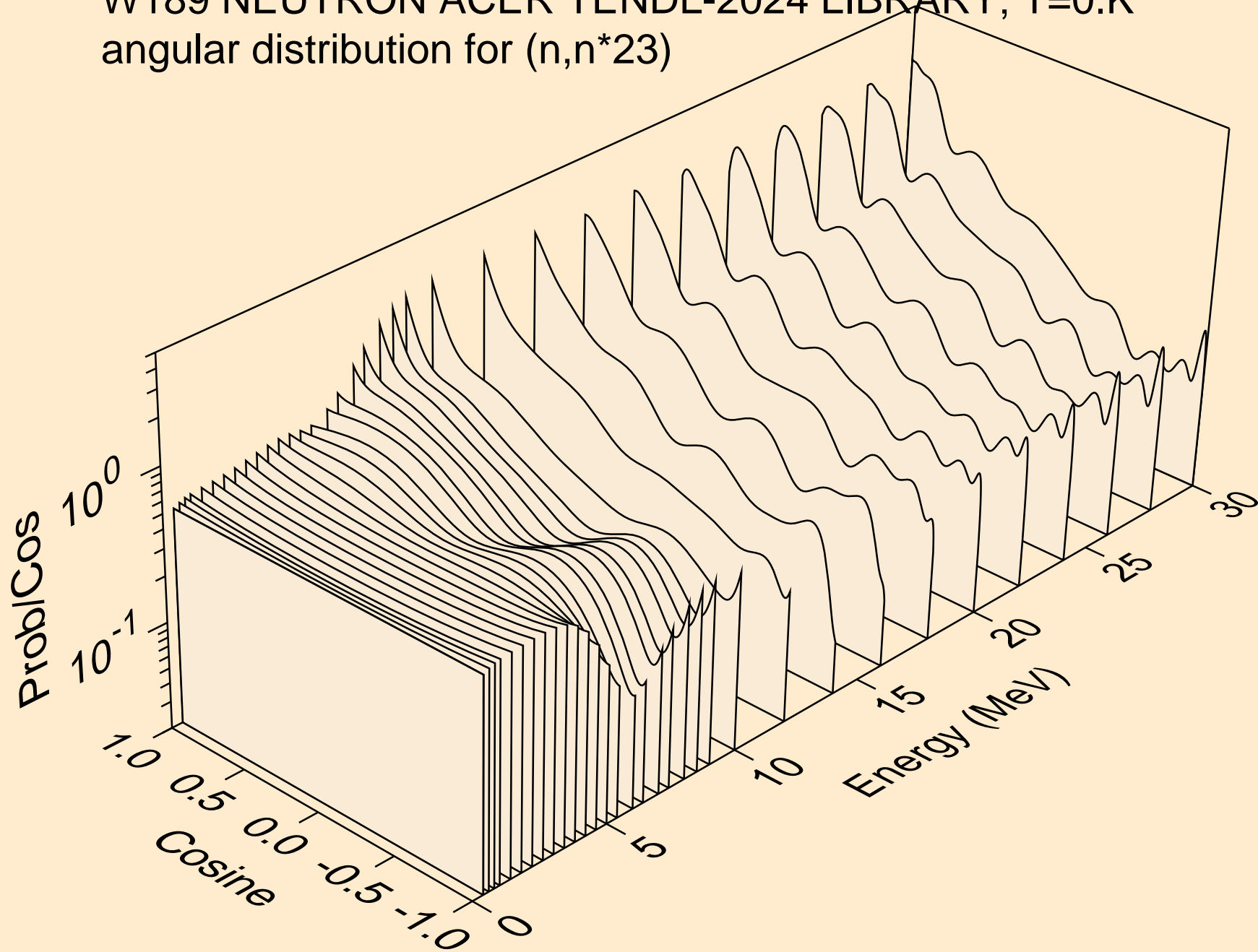




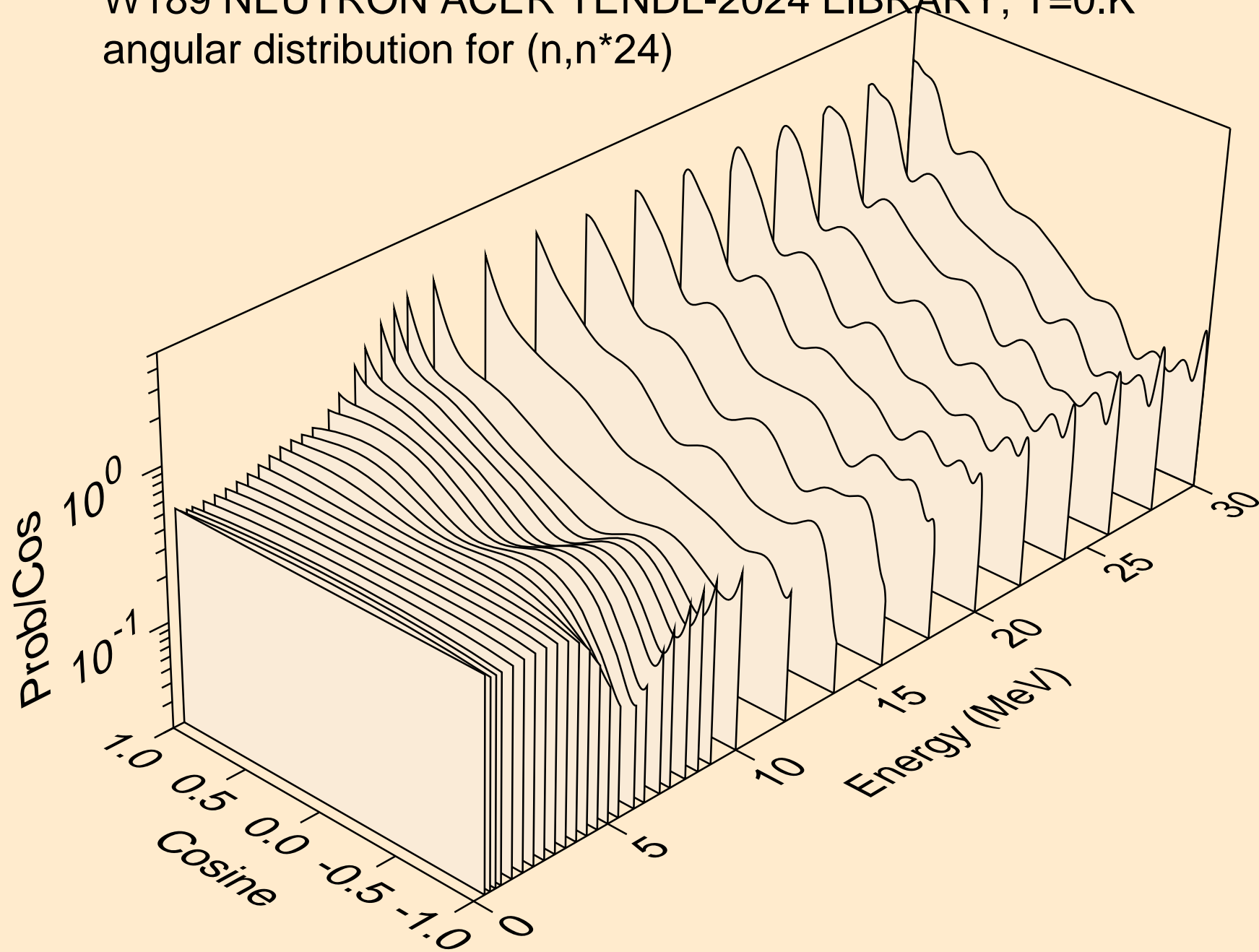
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



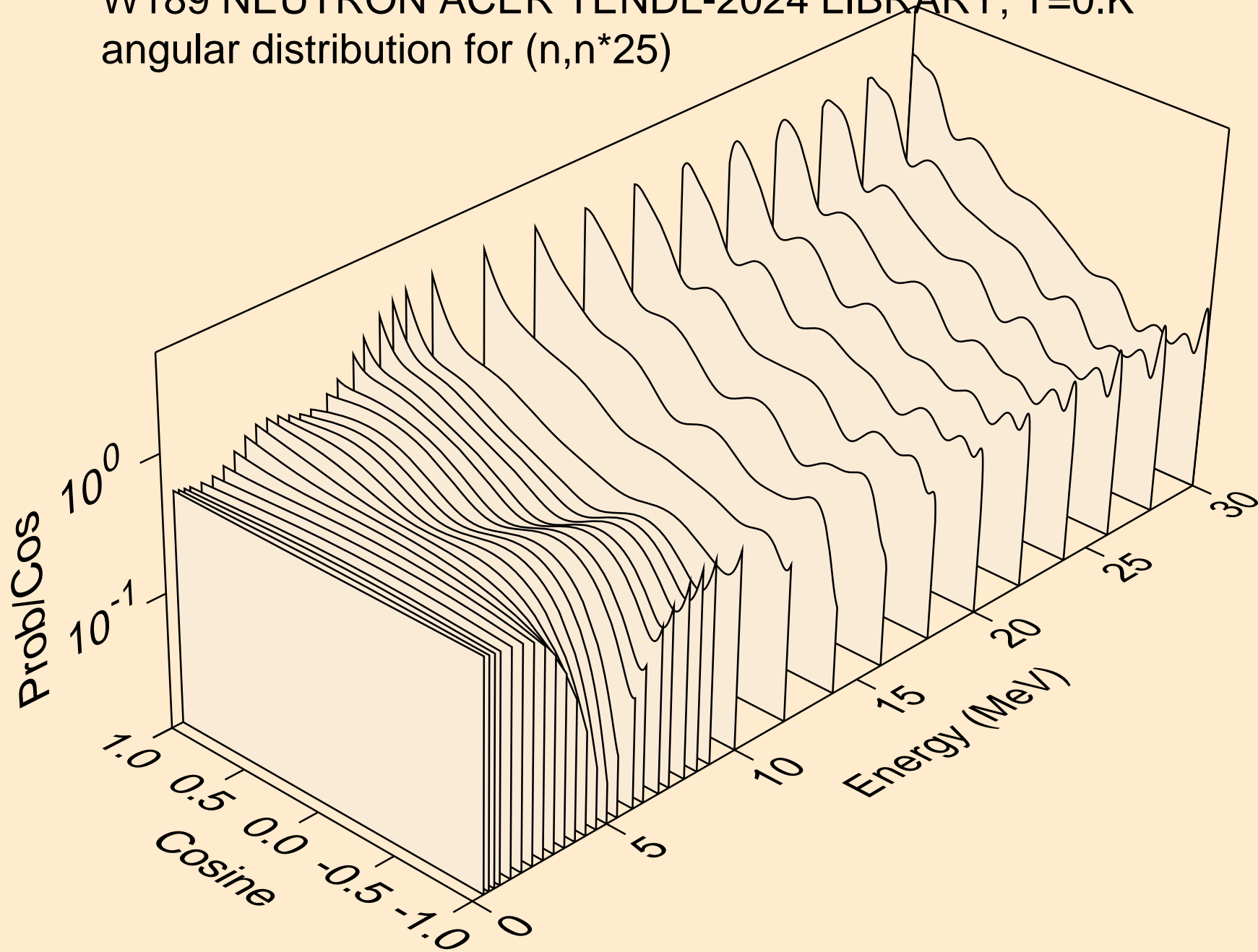
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



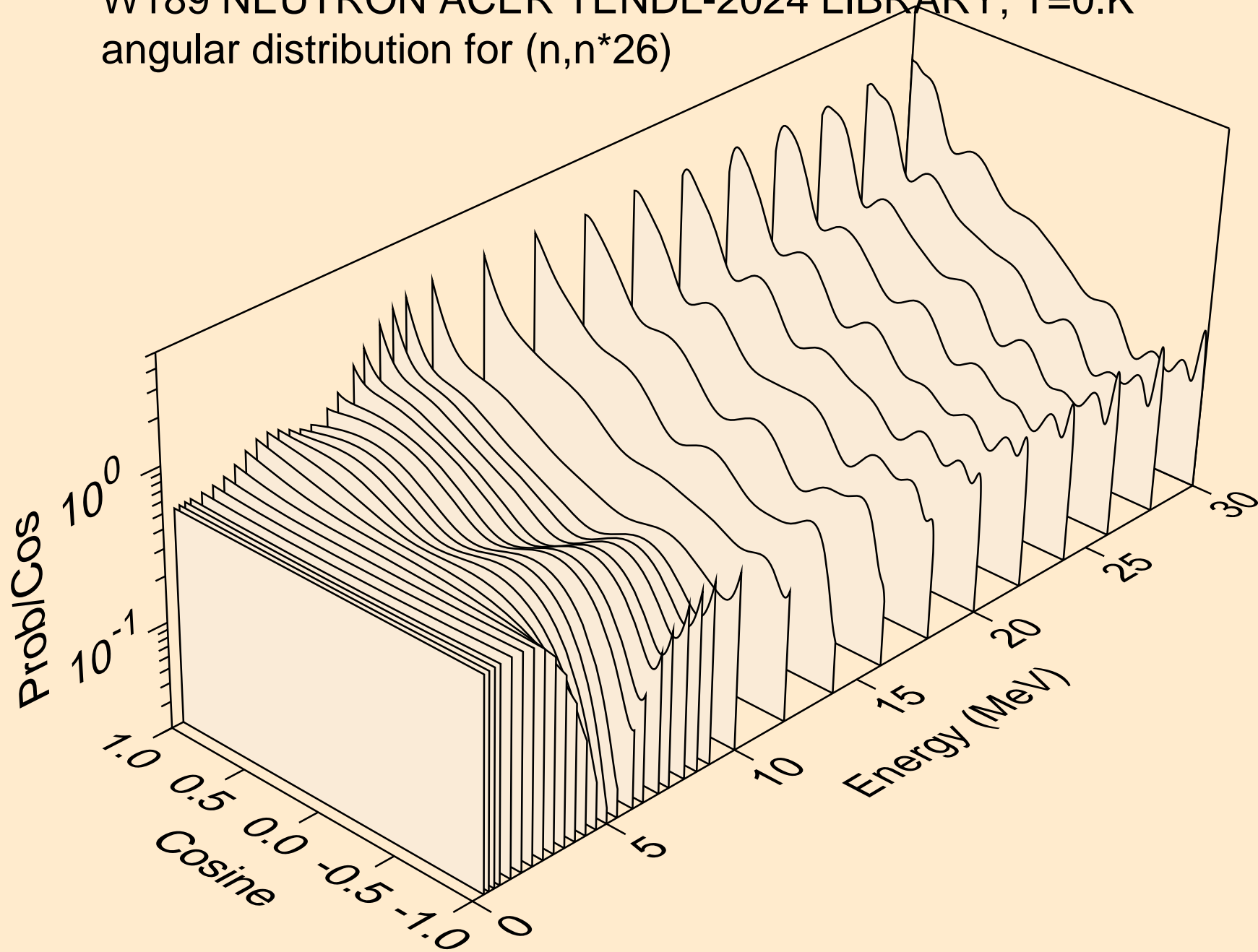
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



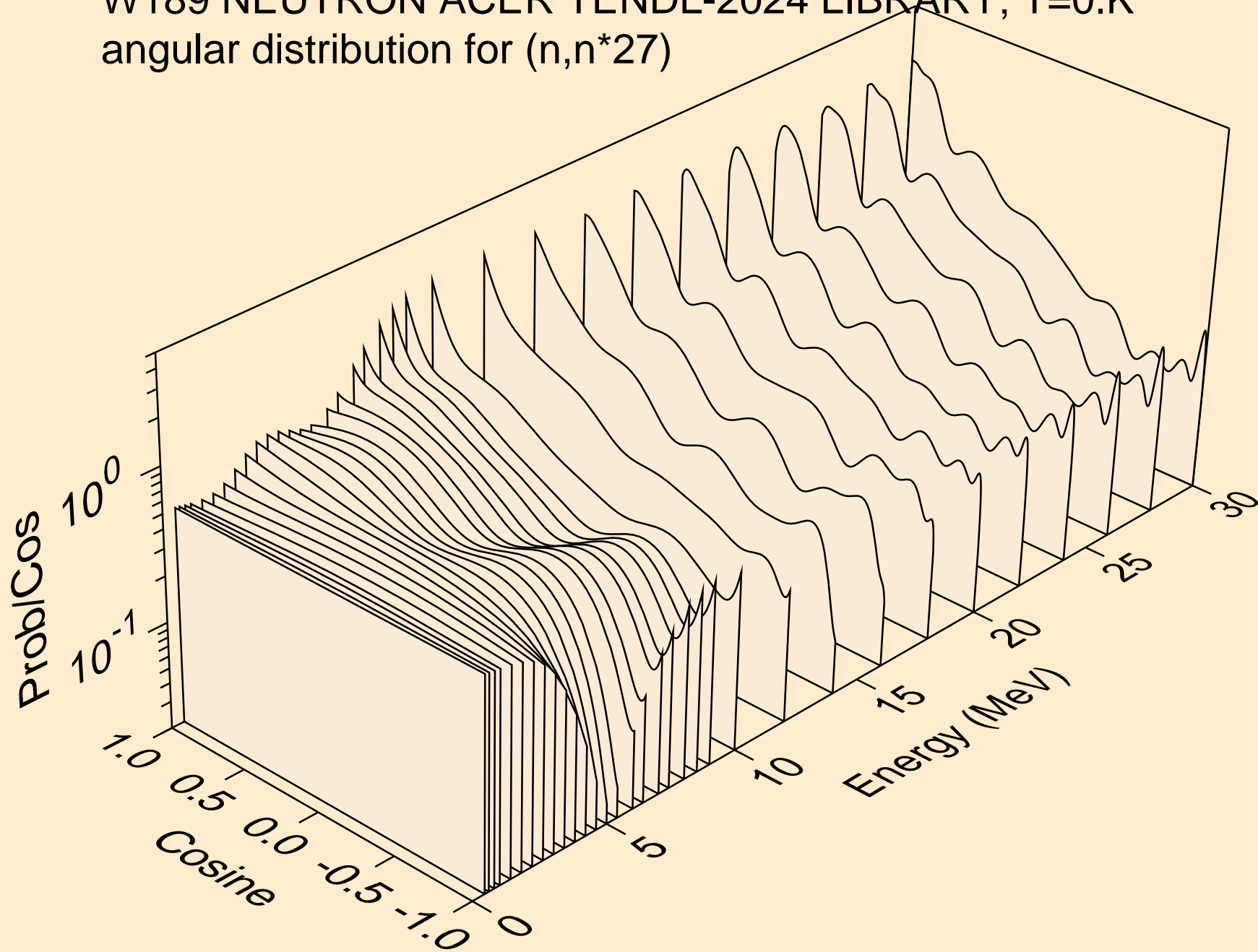
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



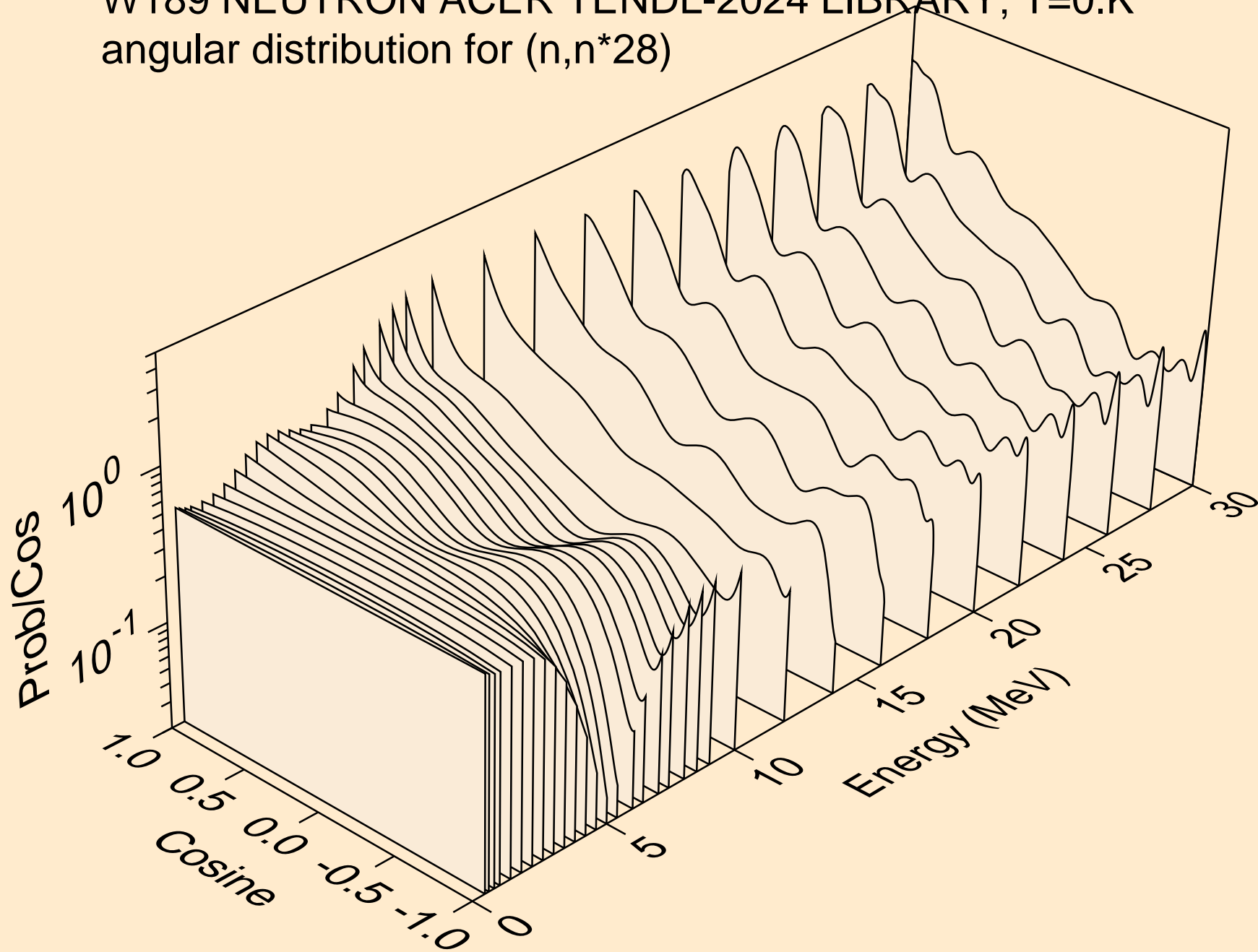
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



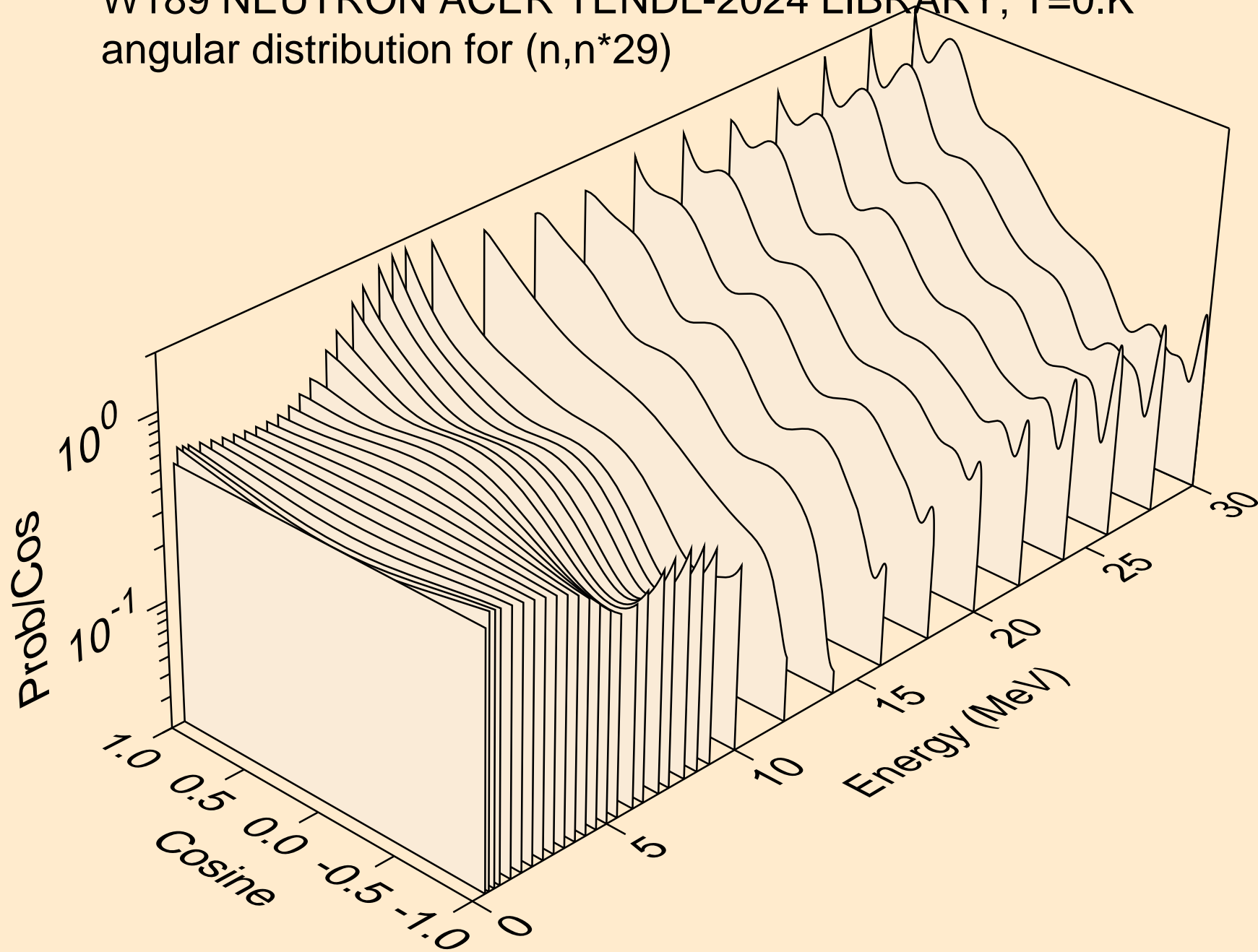
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

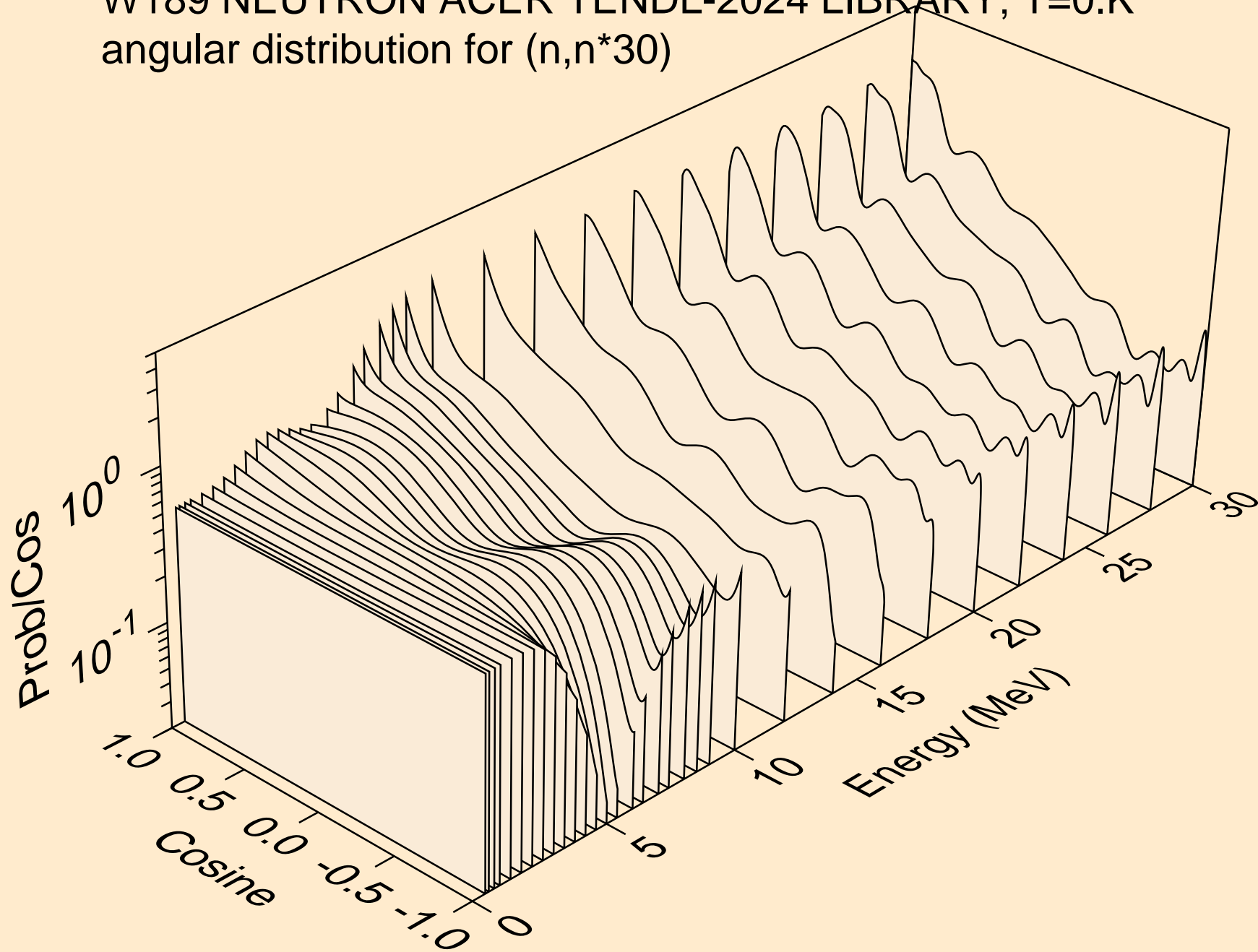


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

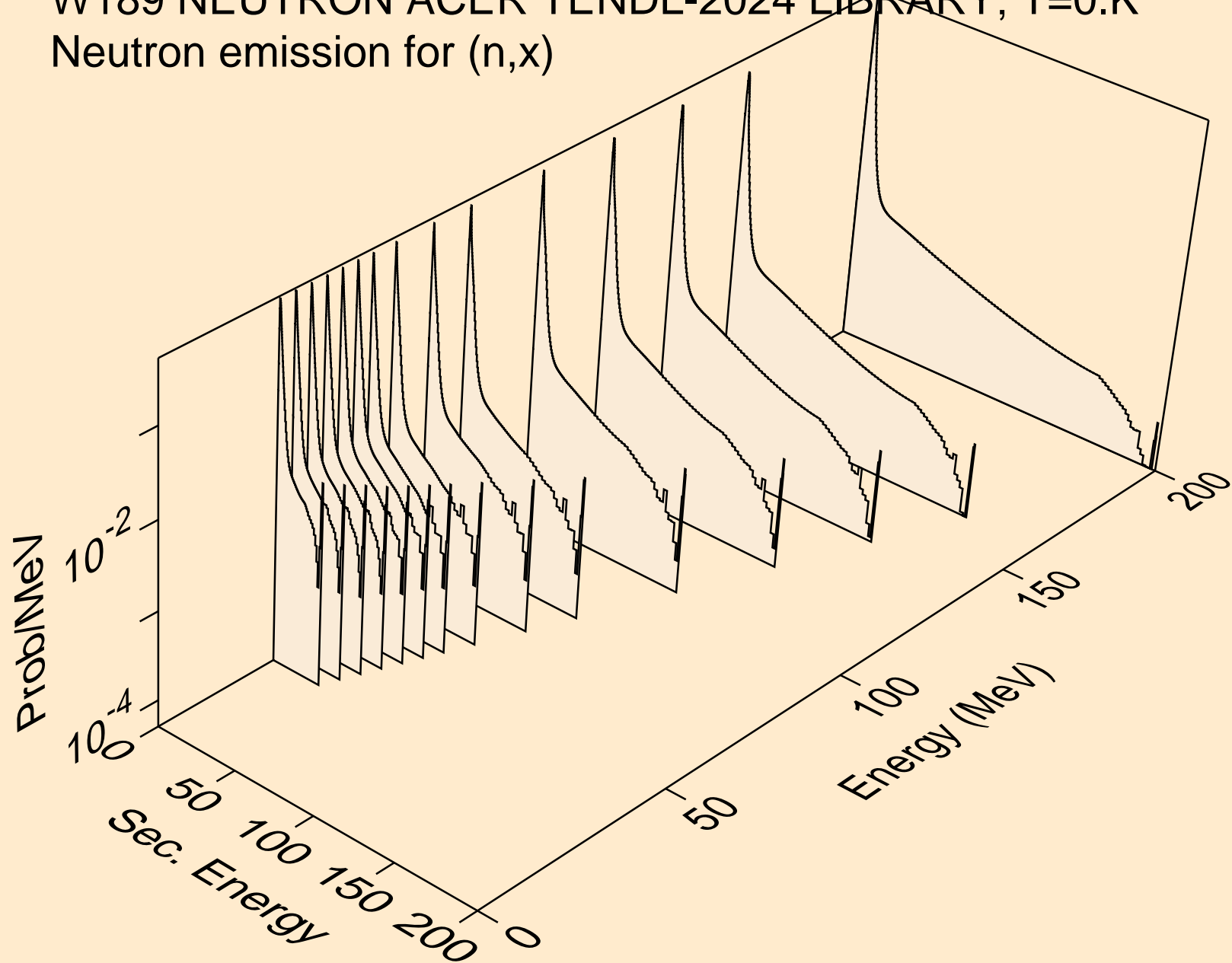




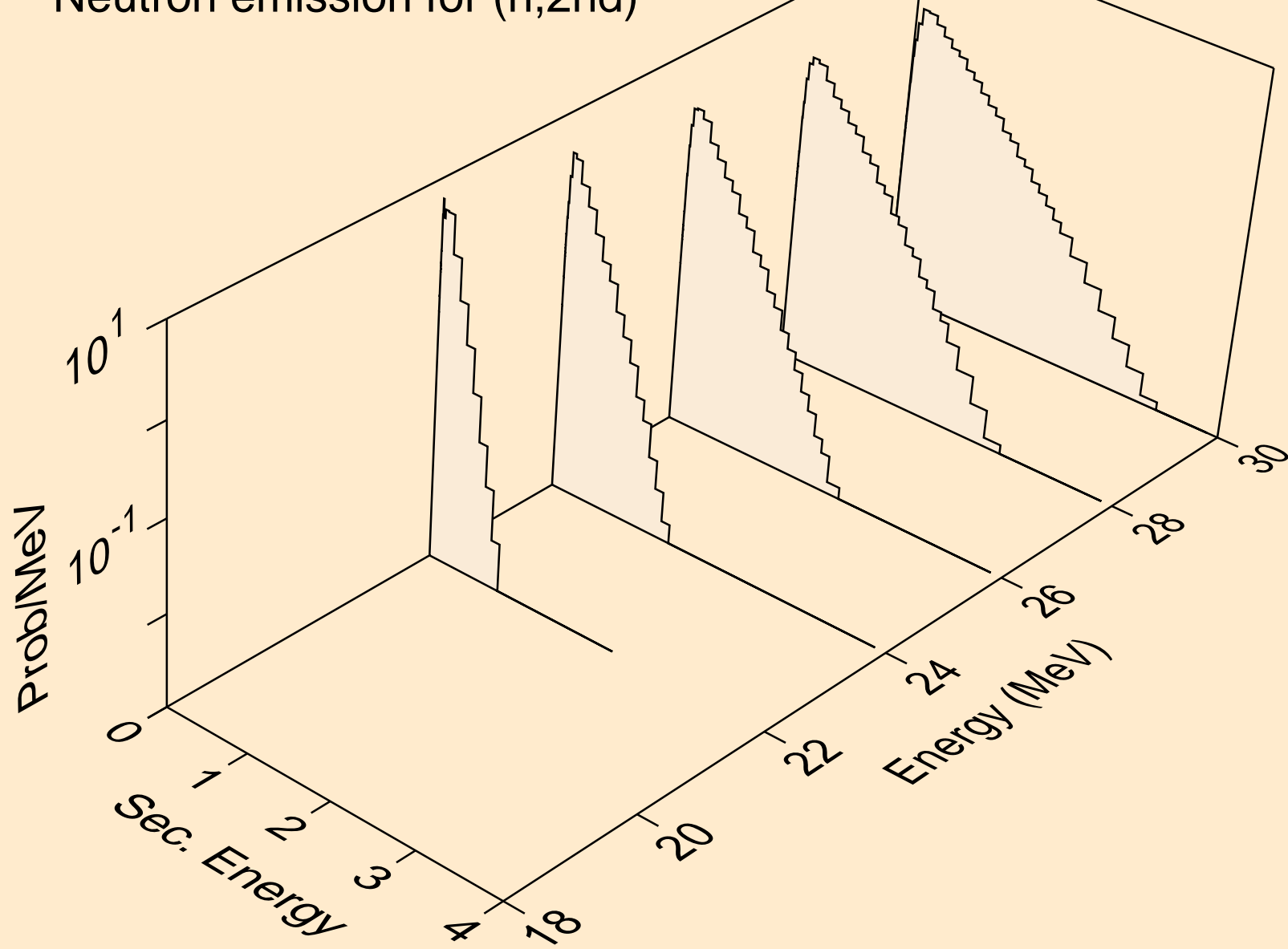
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



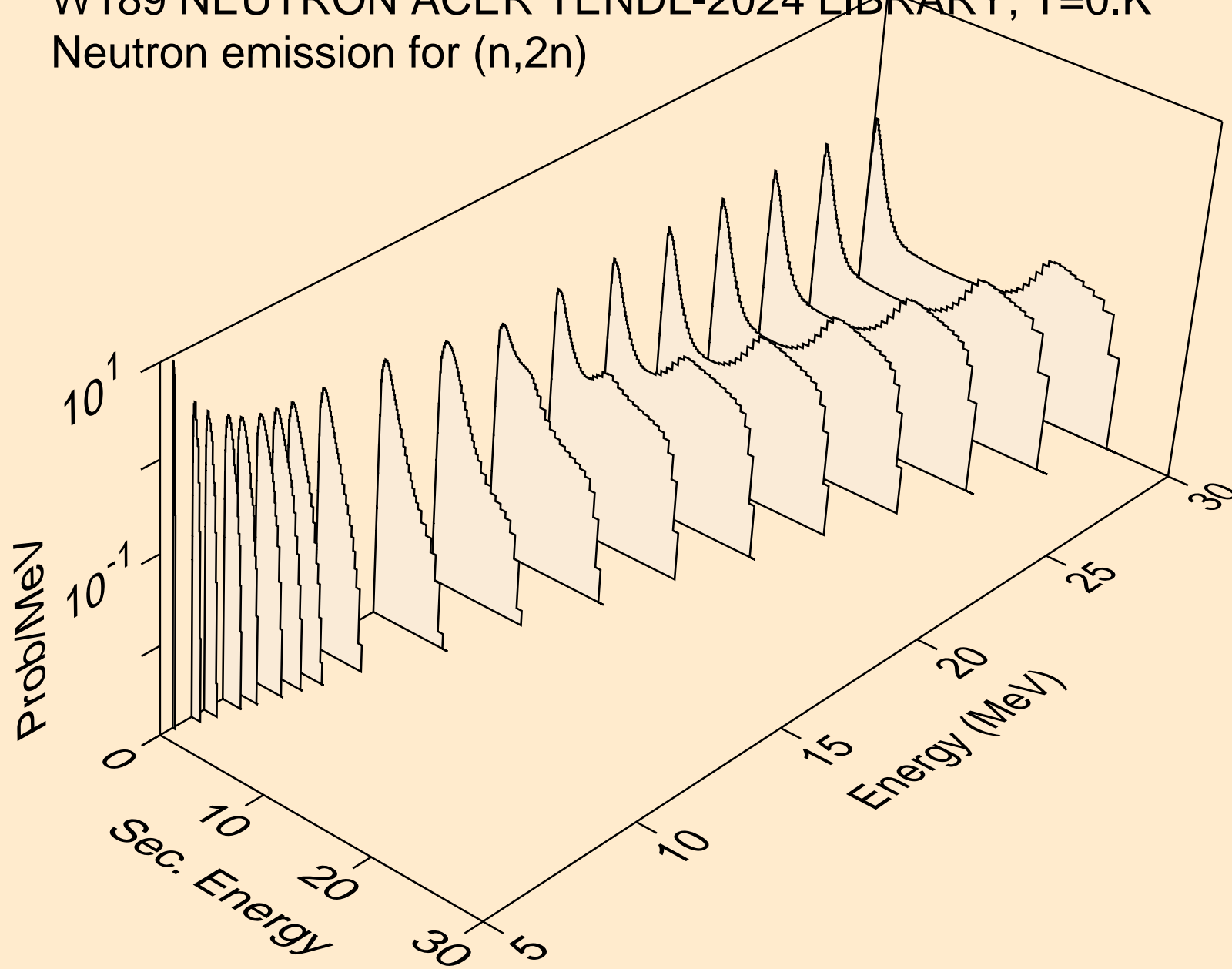
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



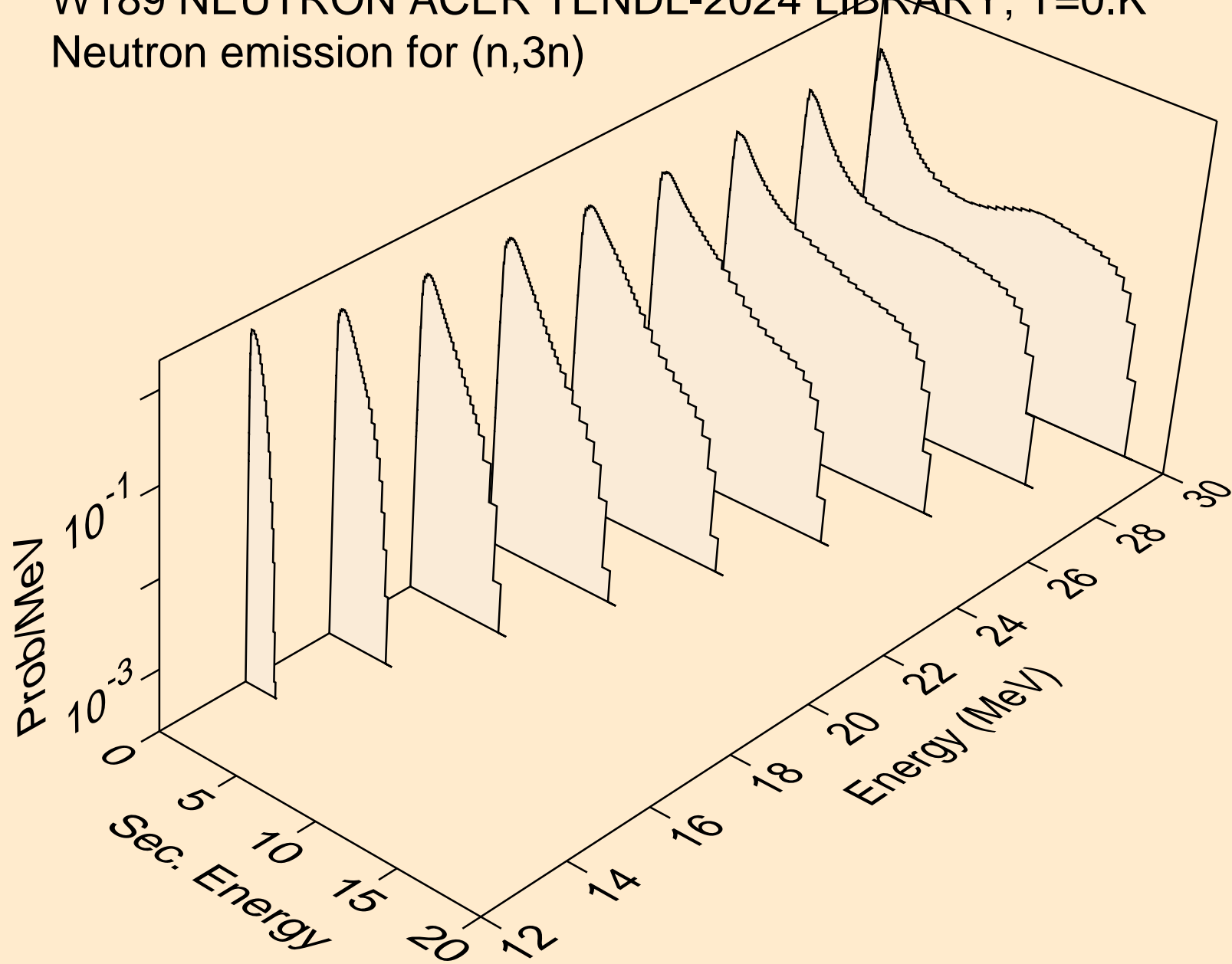
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



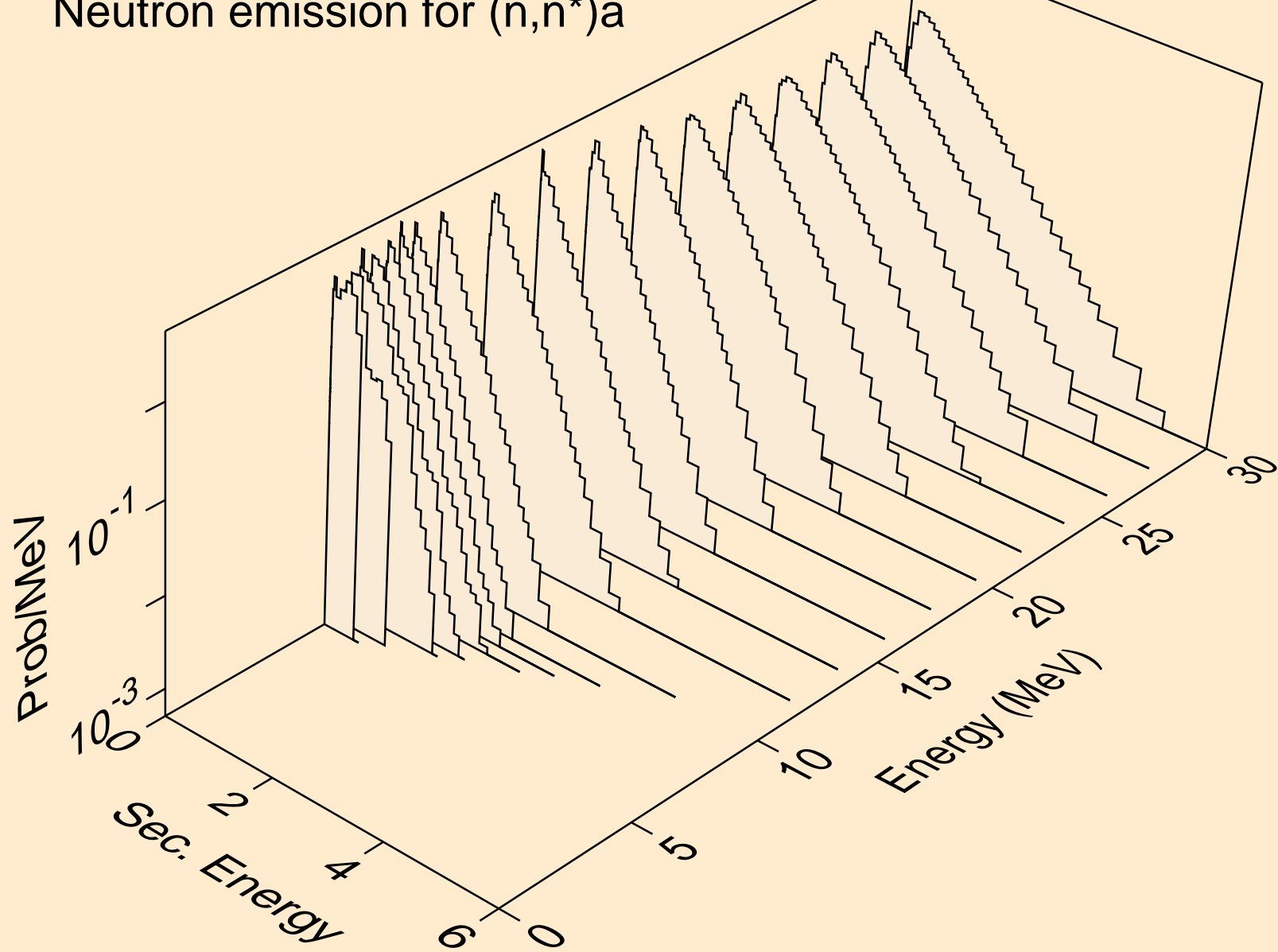
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



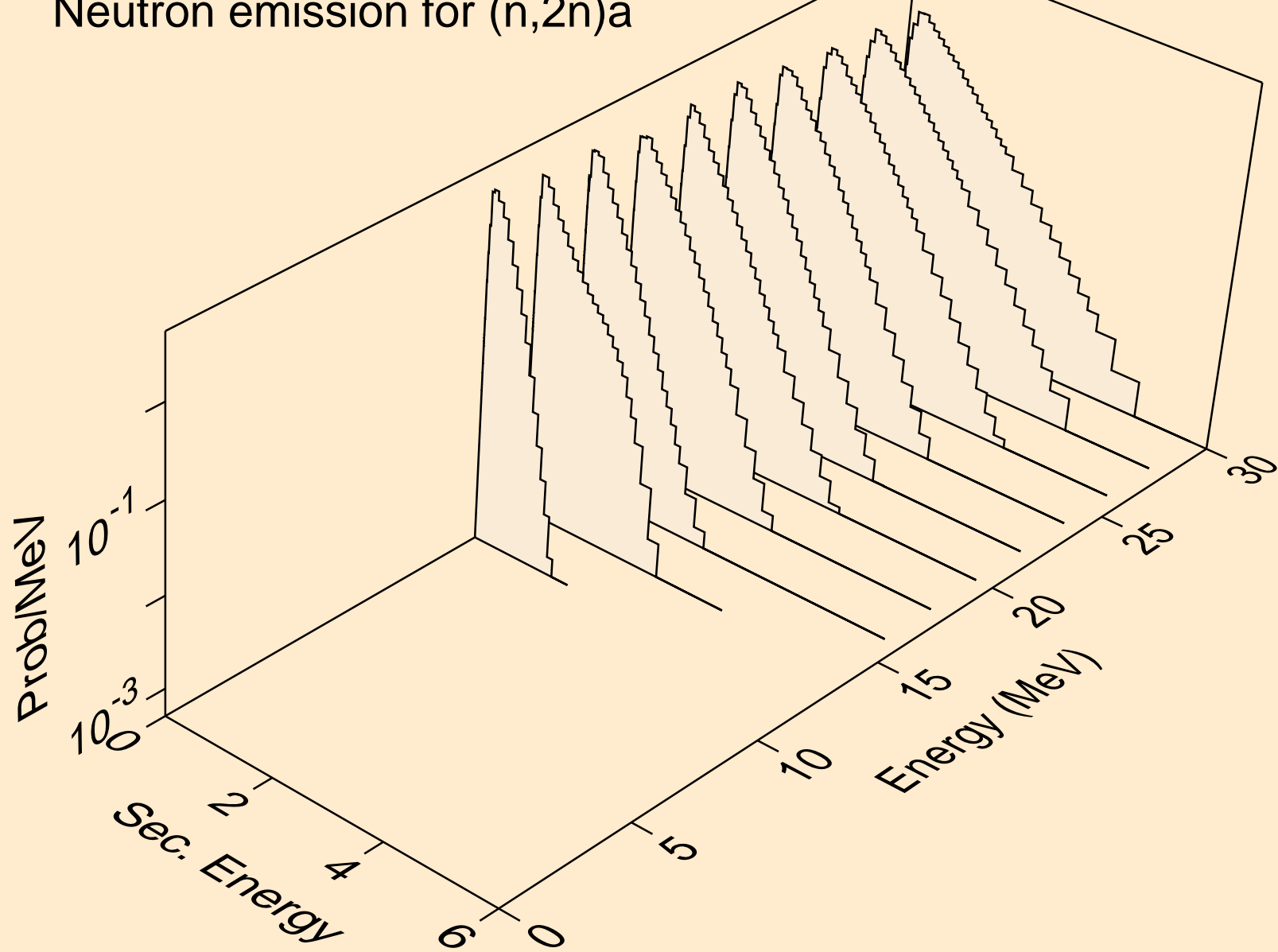
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



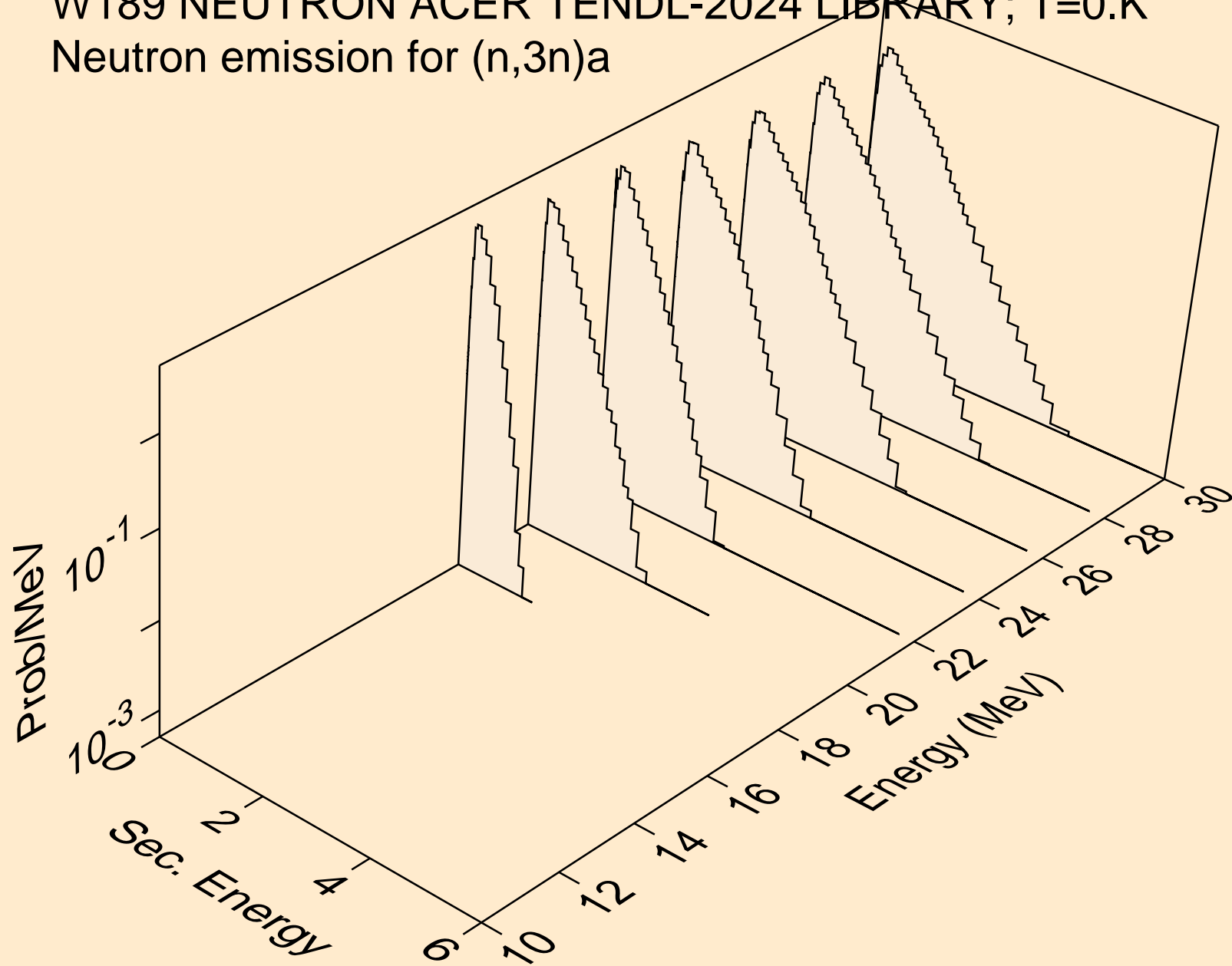
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

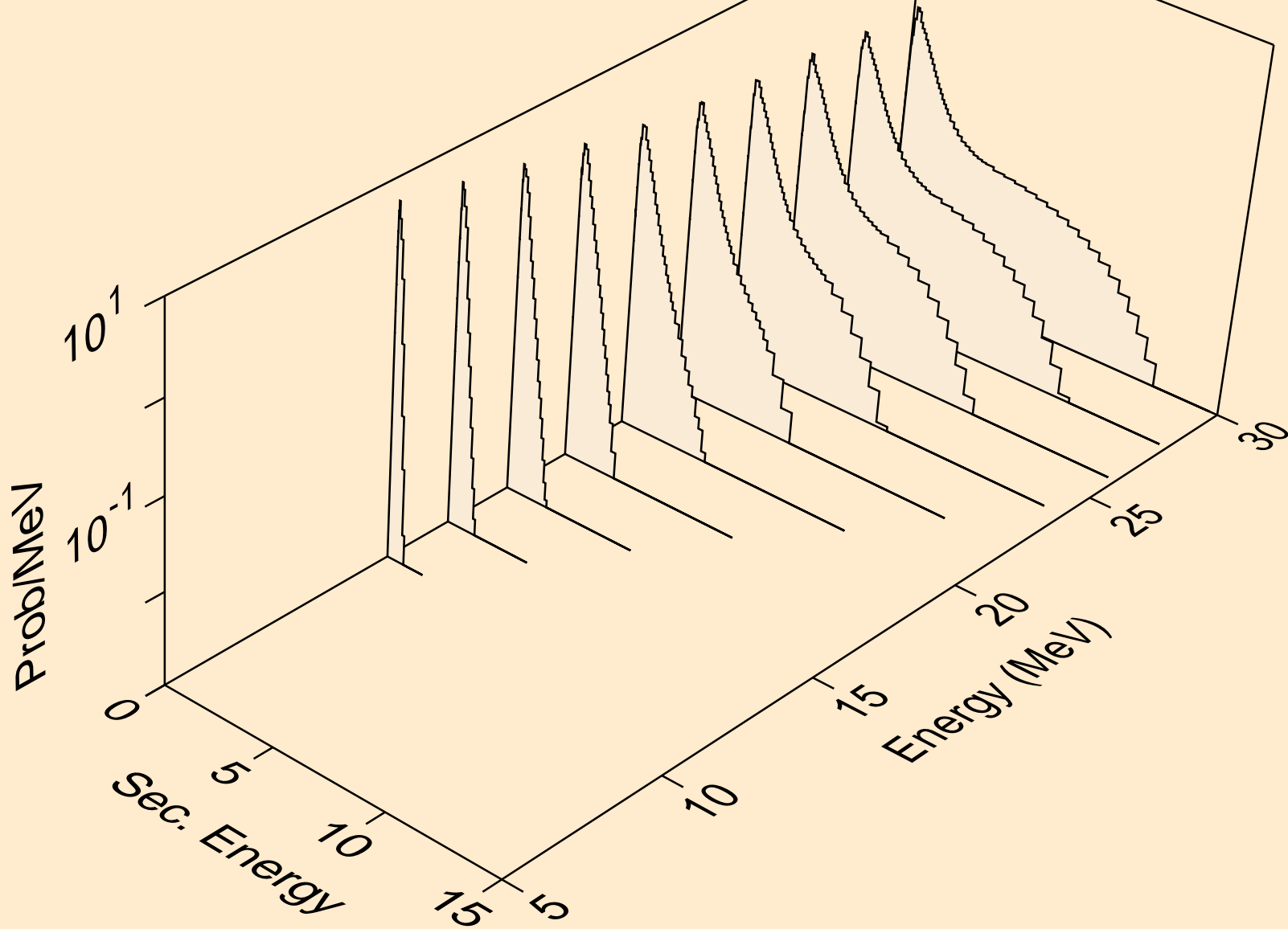


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

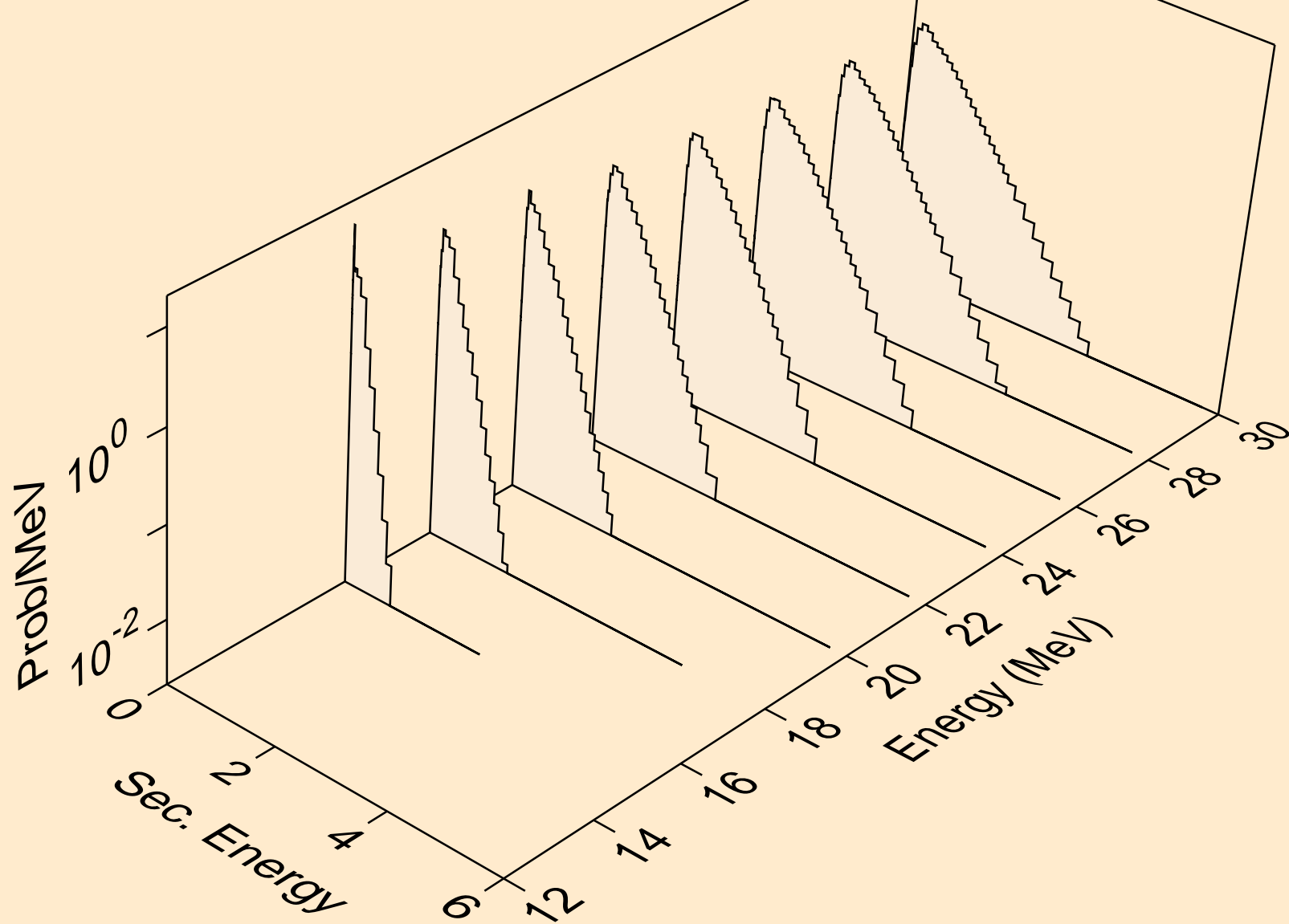




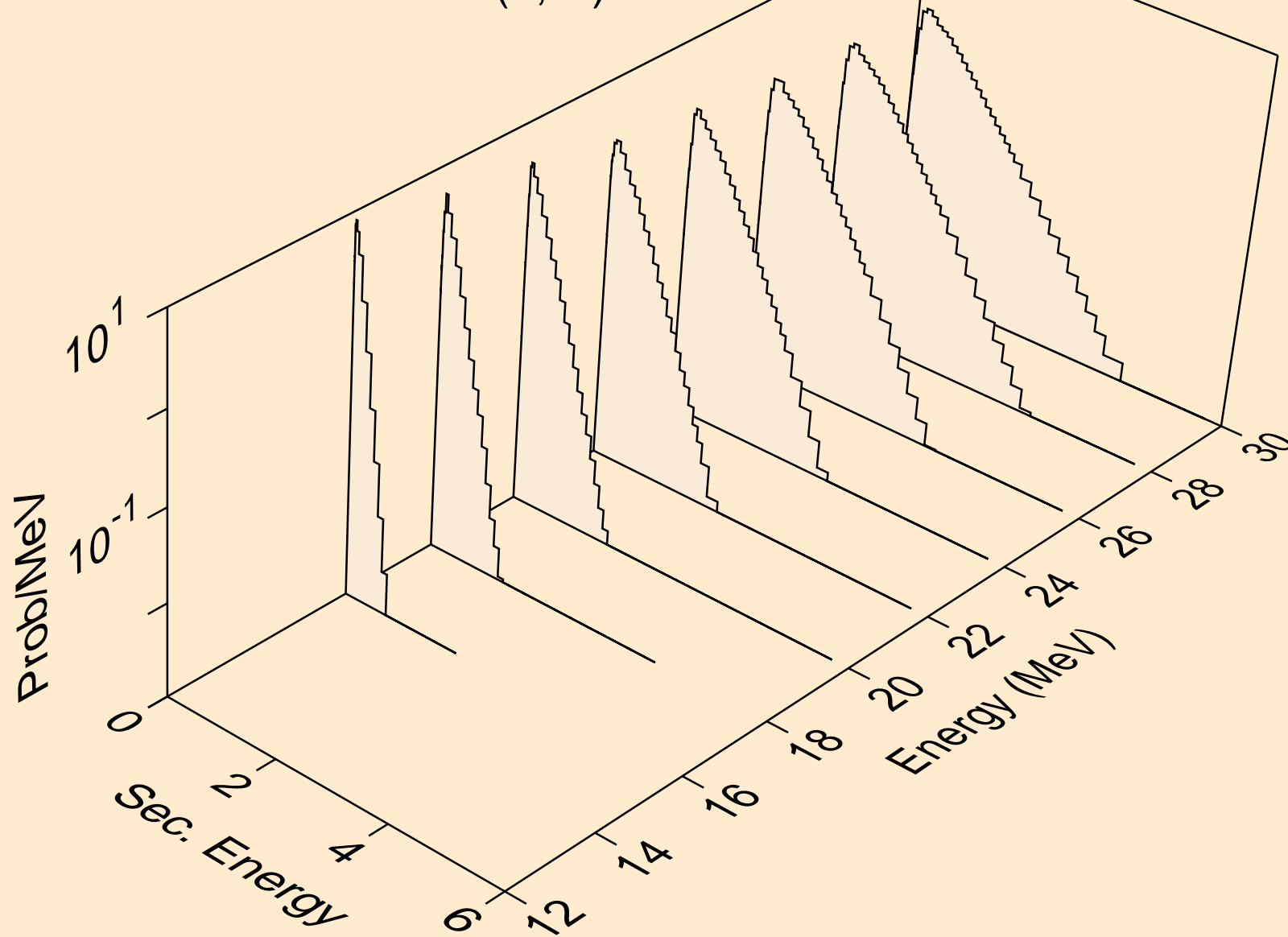
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



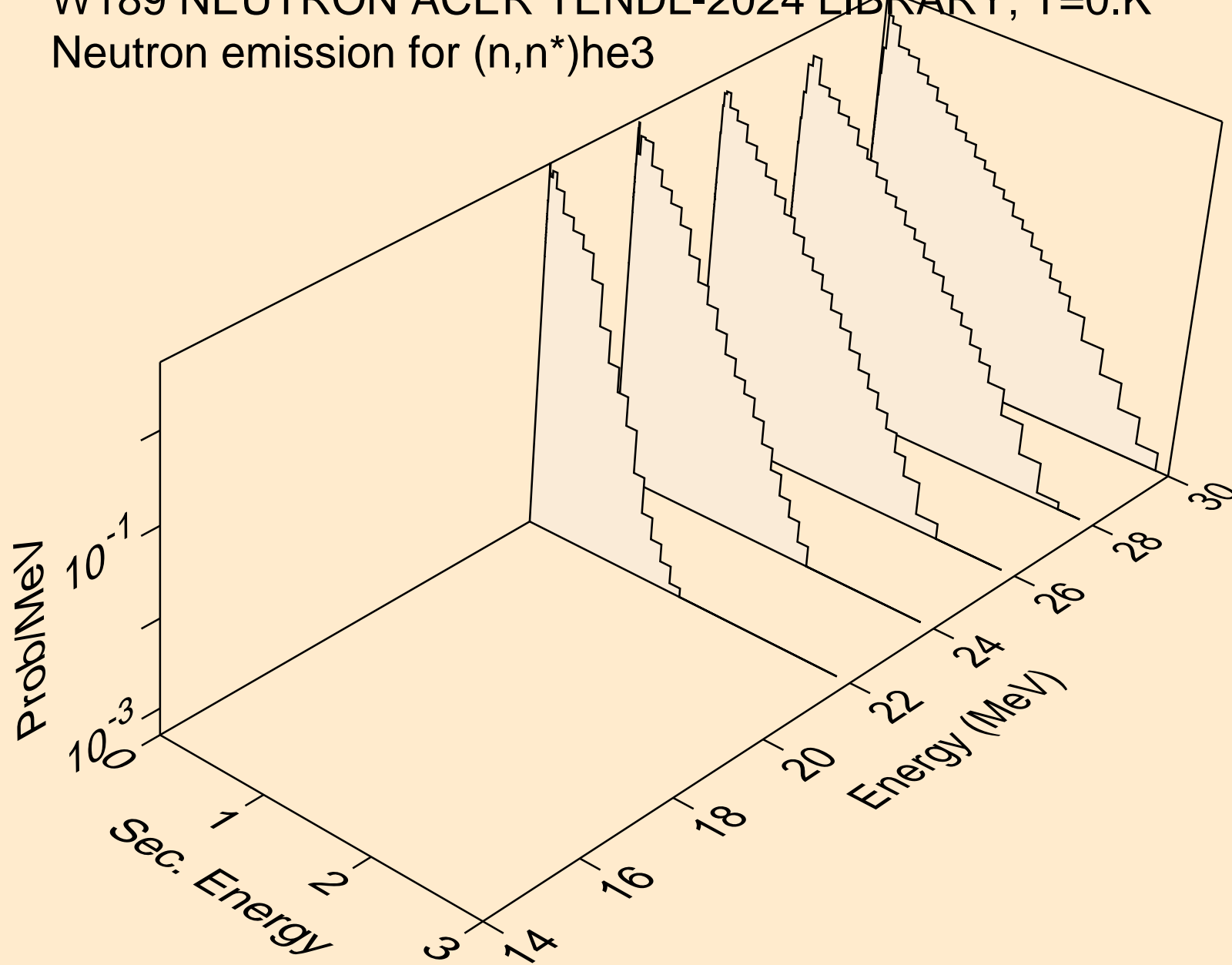
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



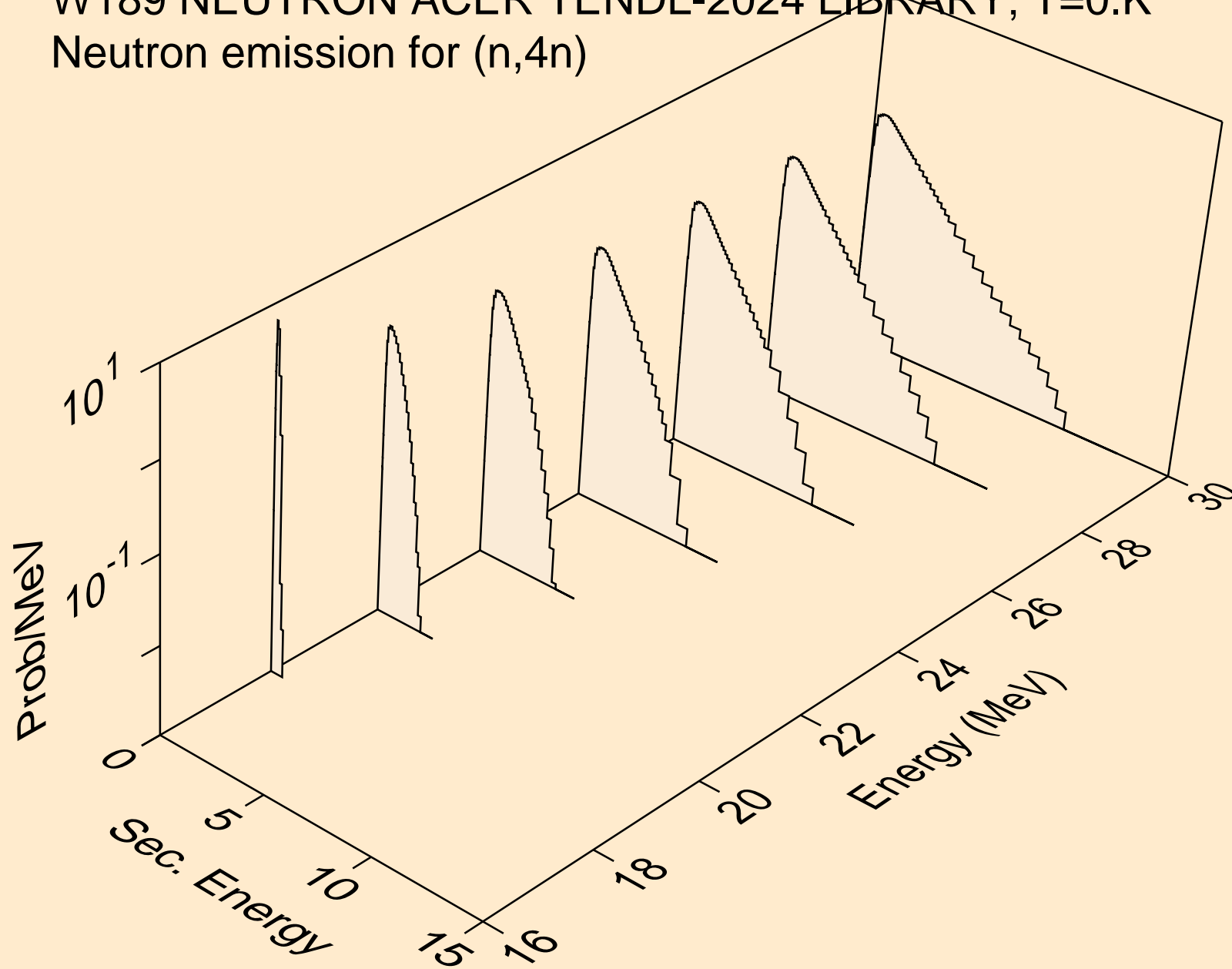
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



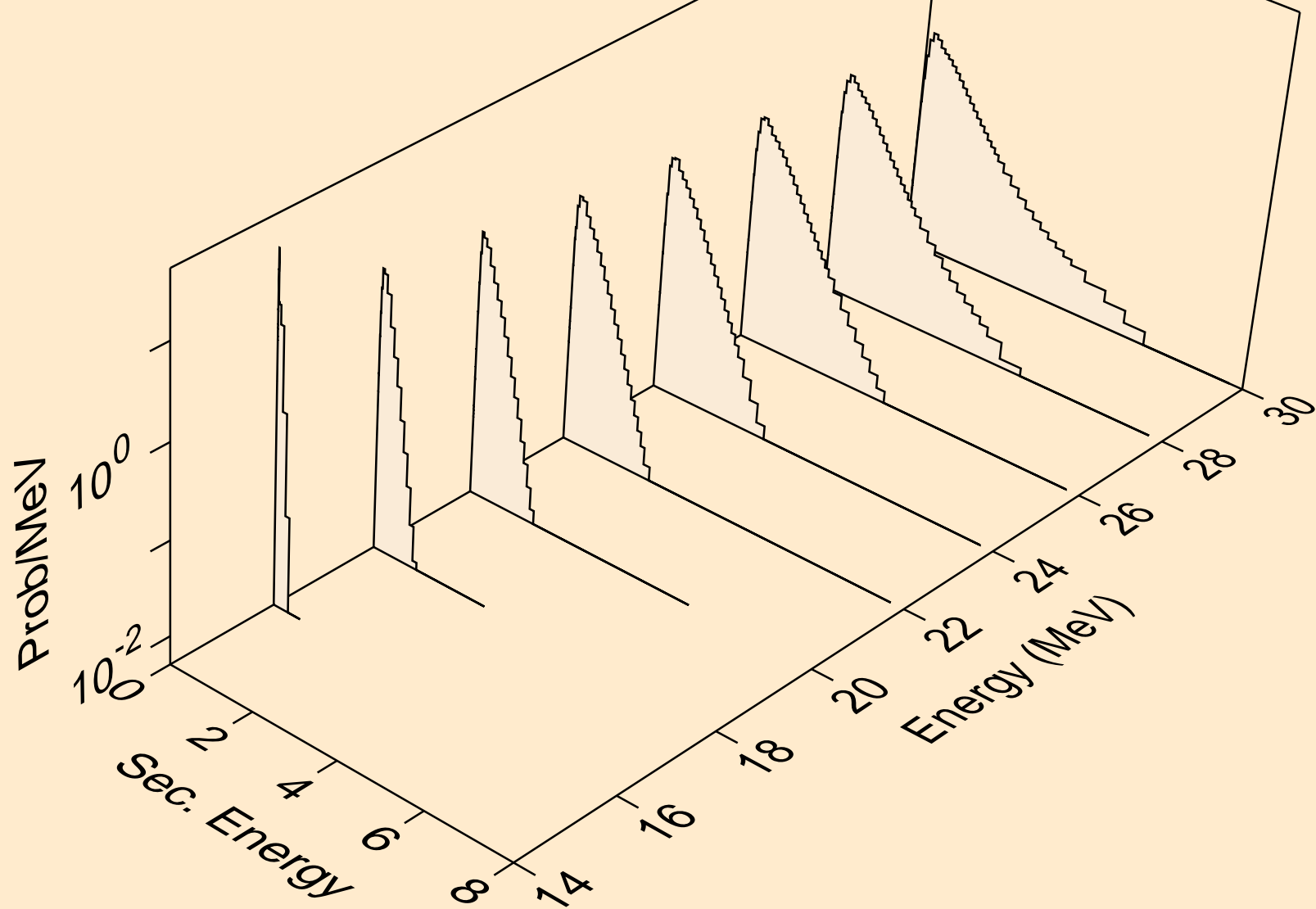
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



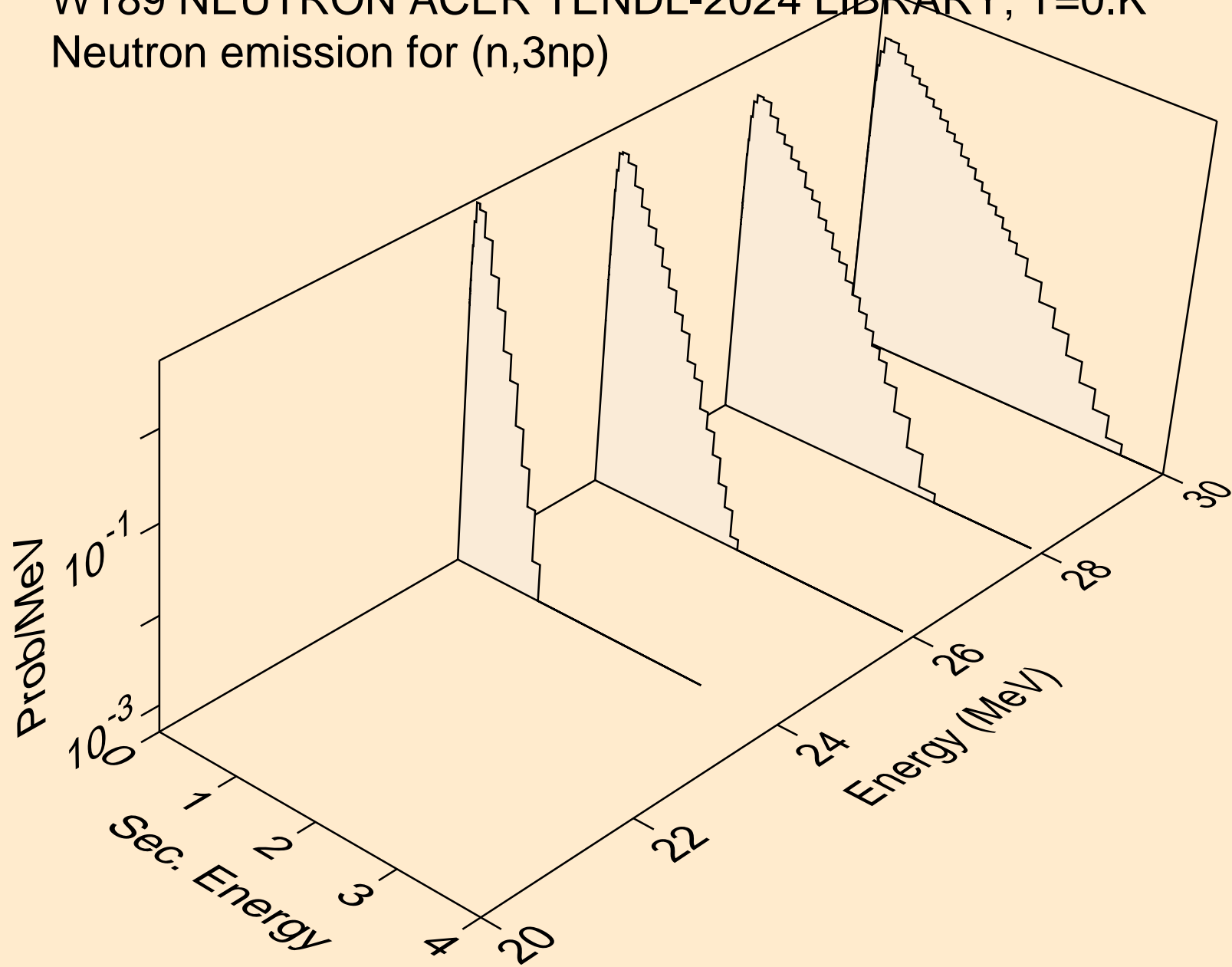
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



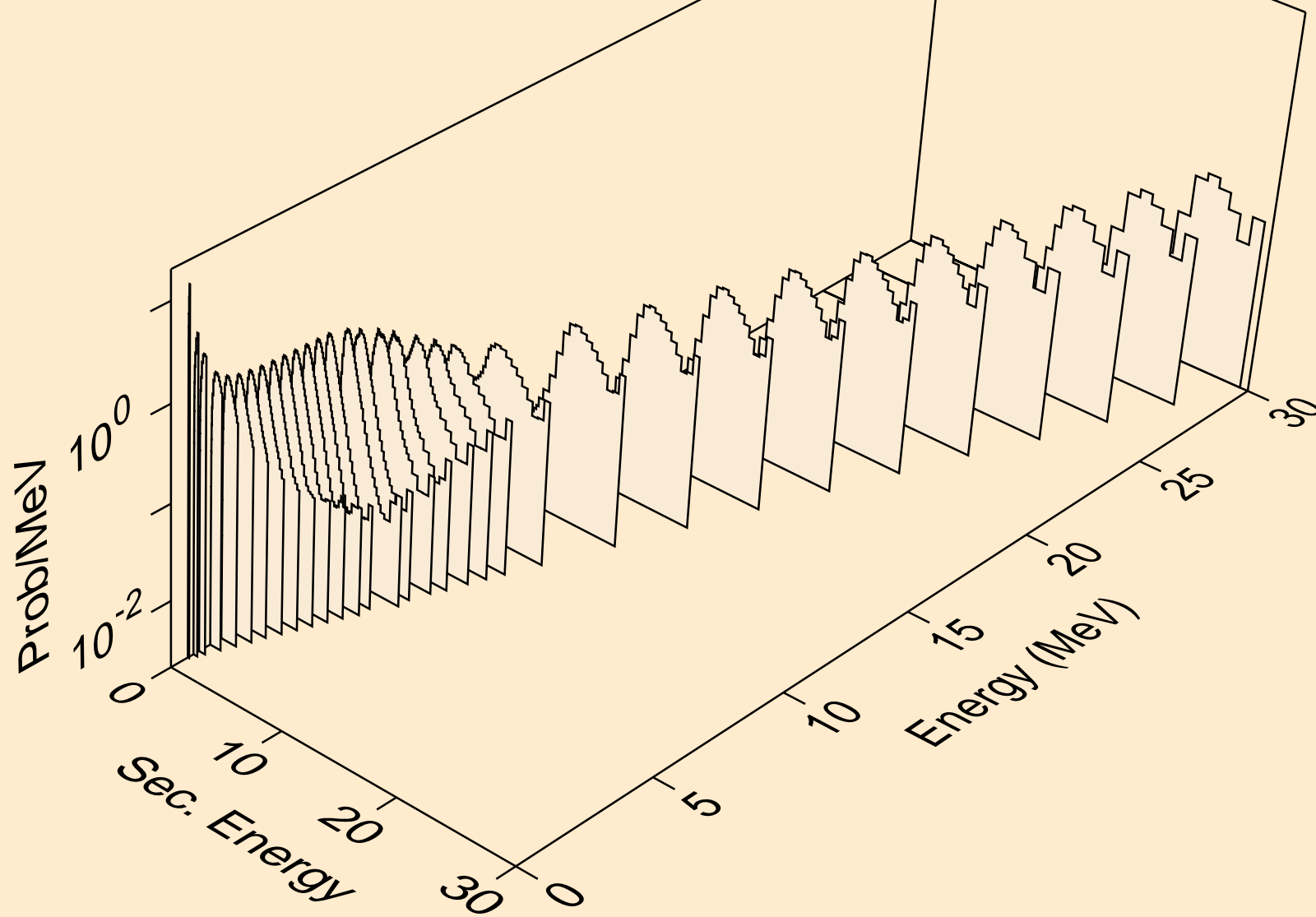
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

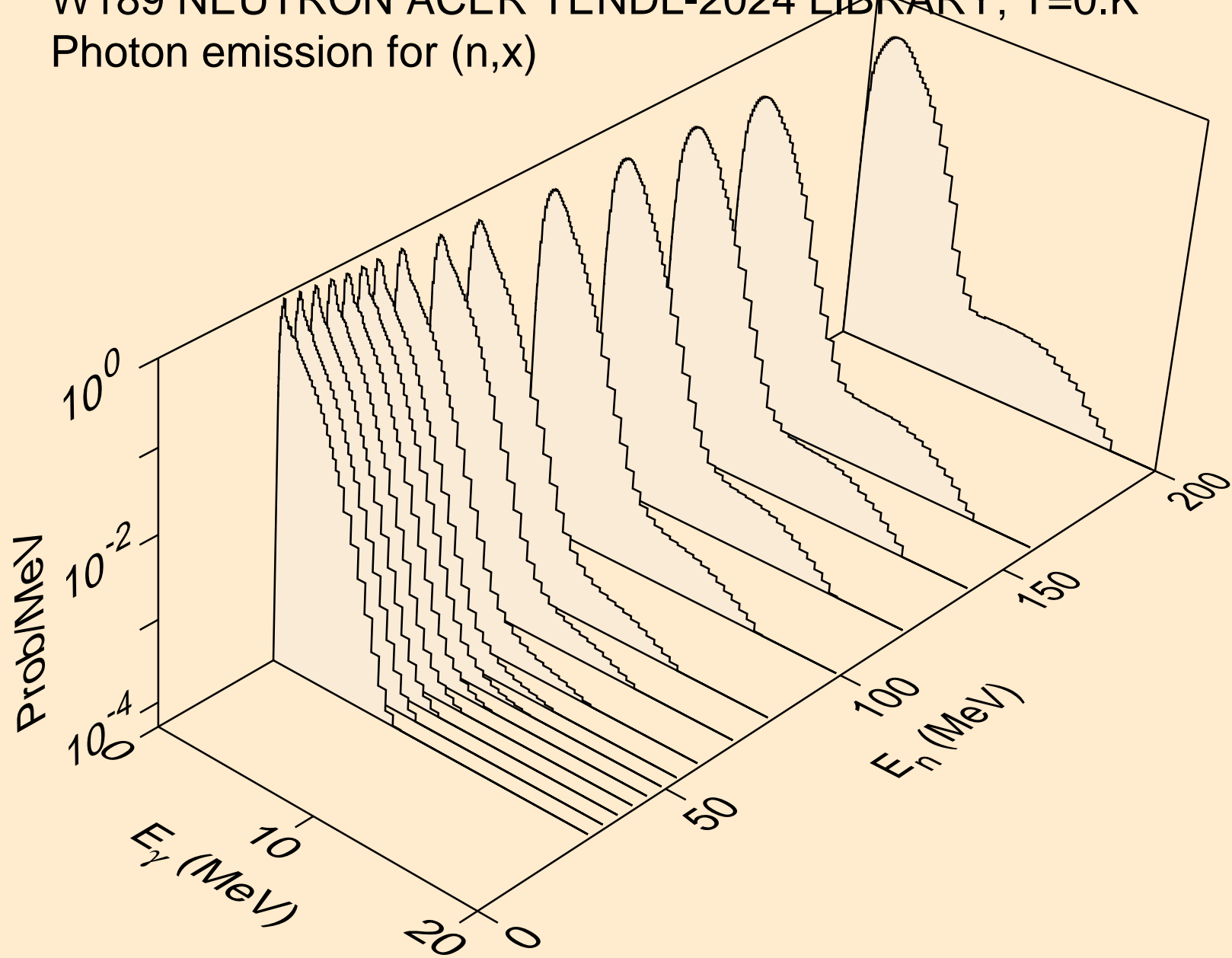


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)

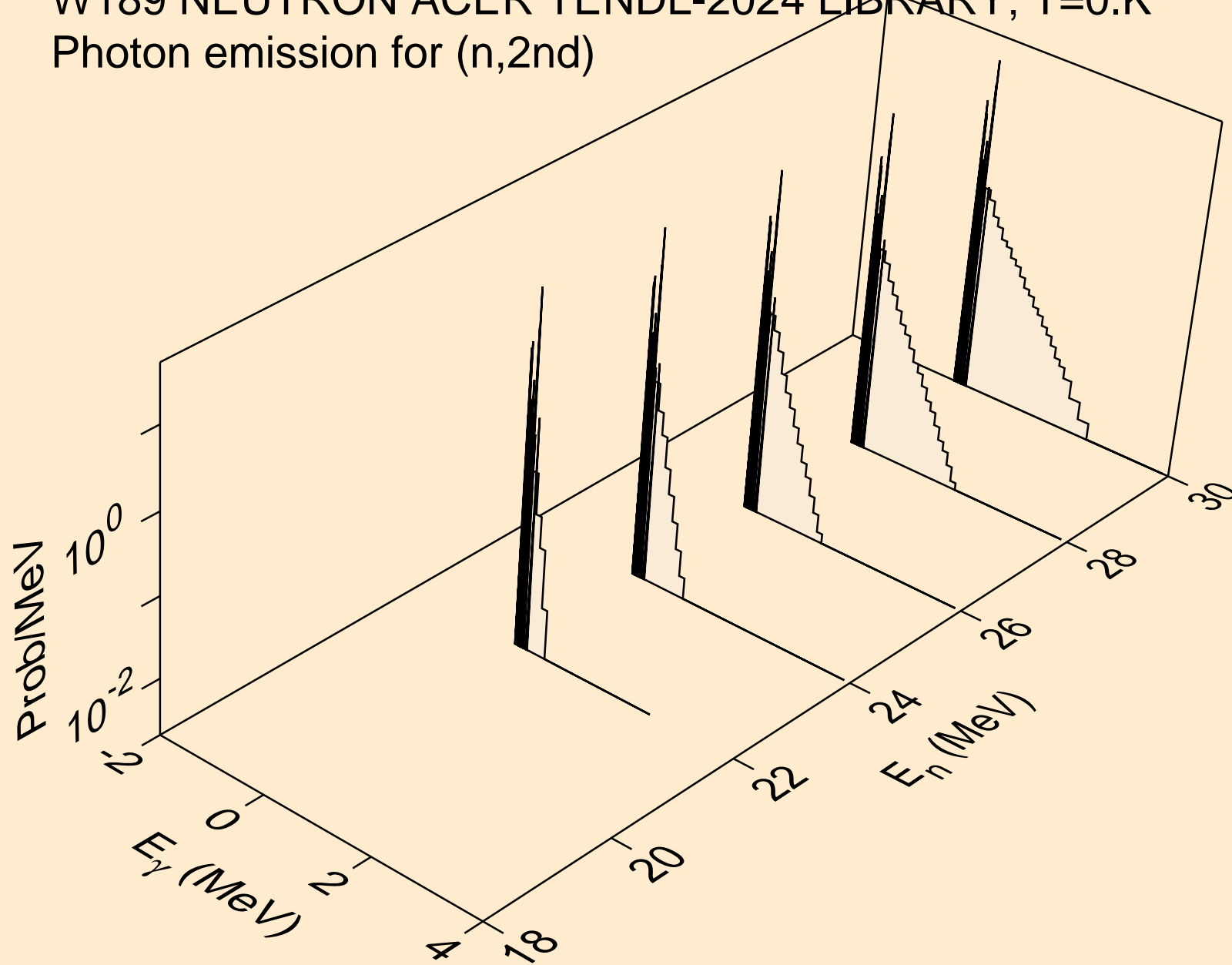




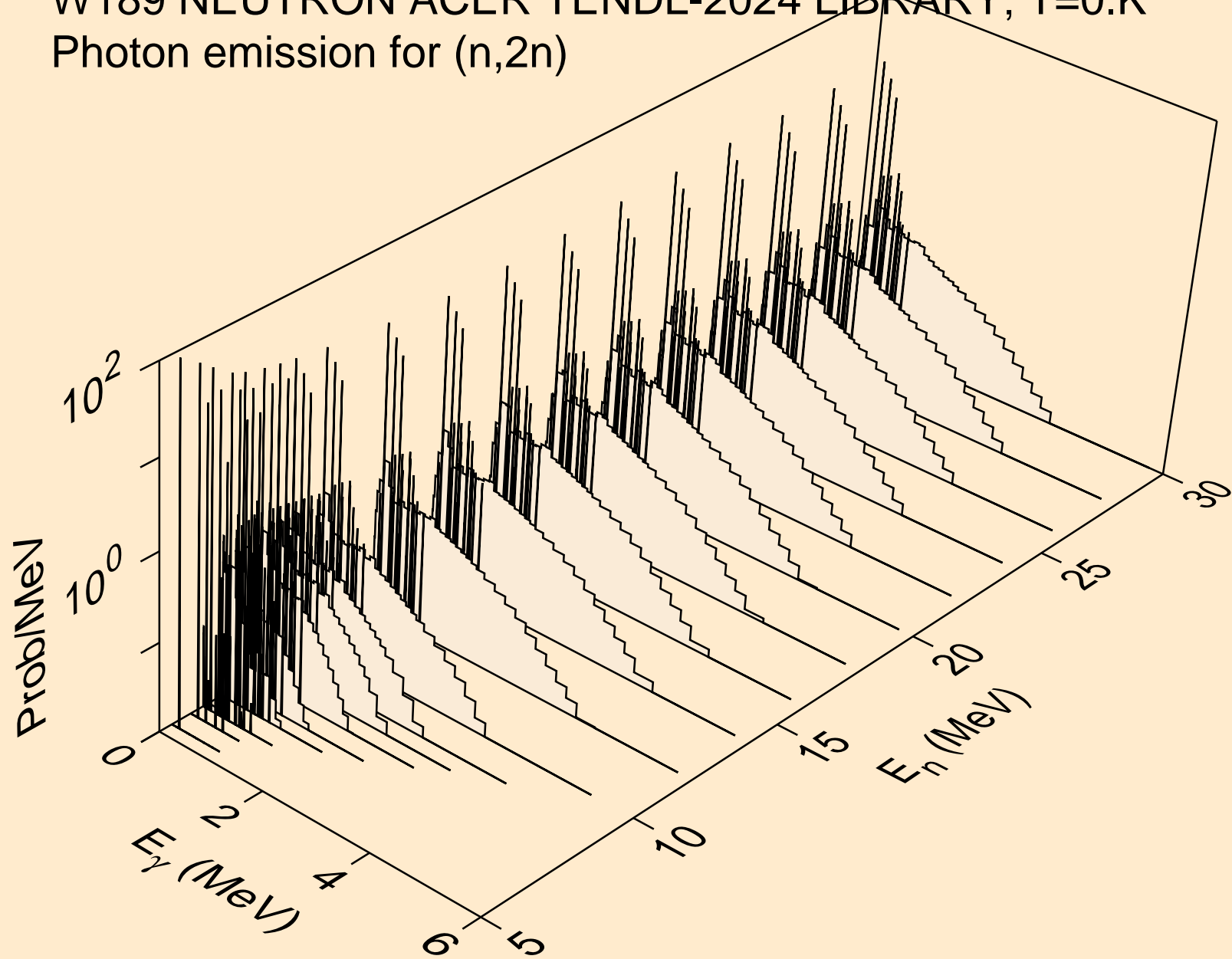
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



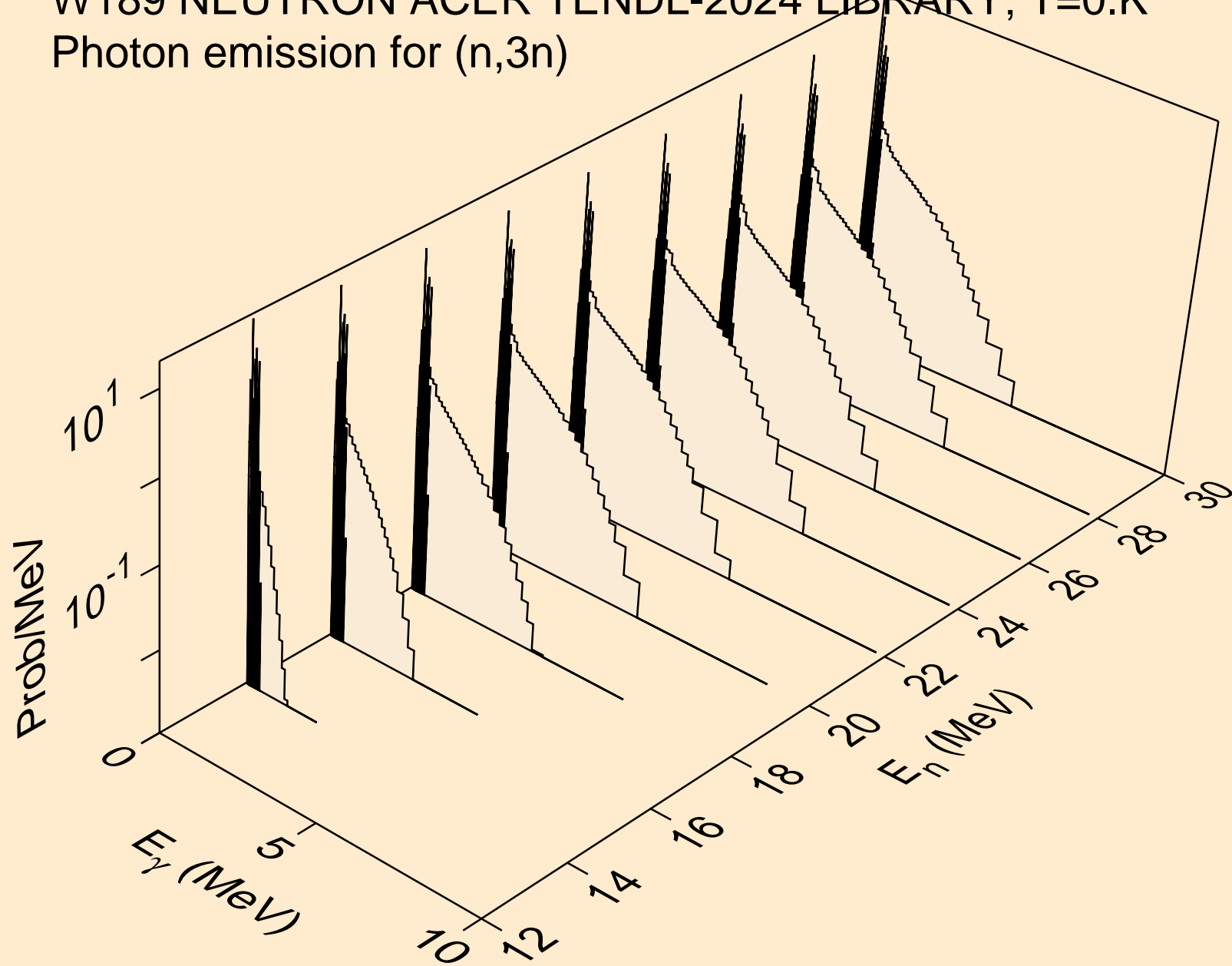
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



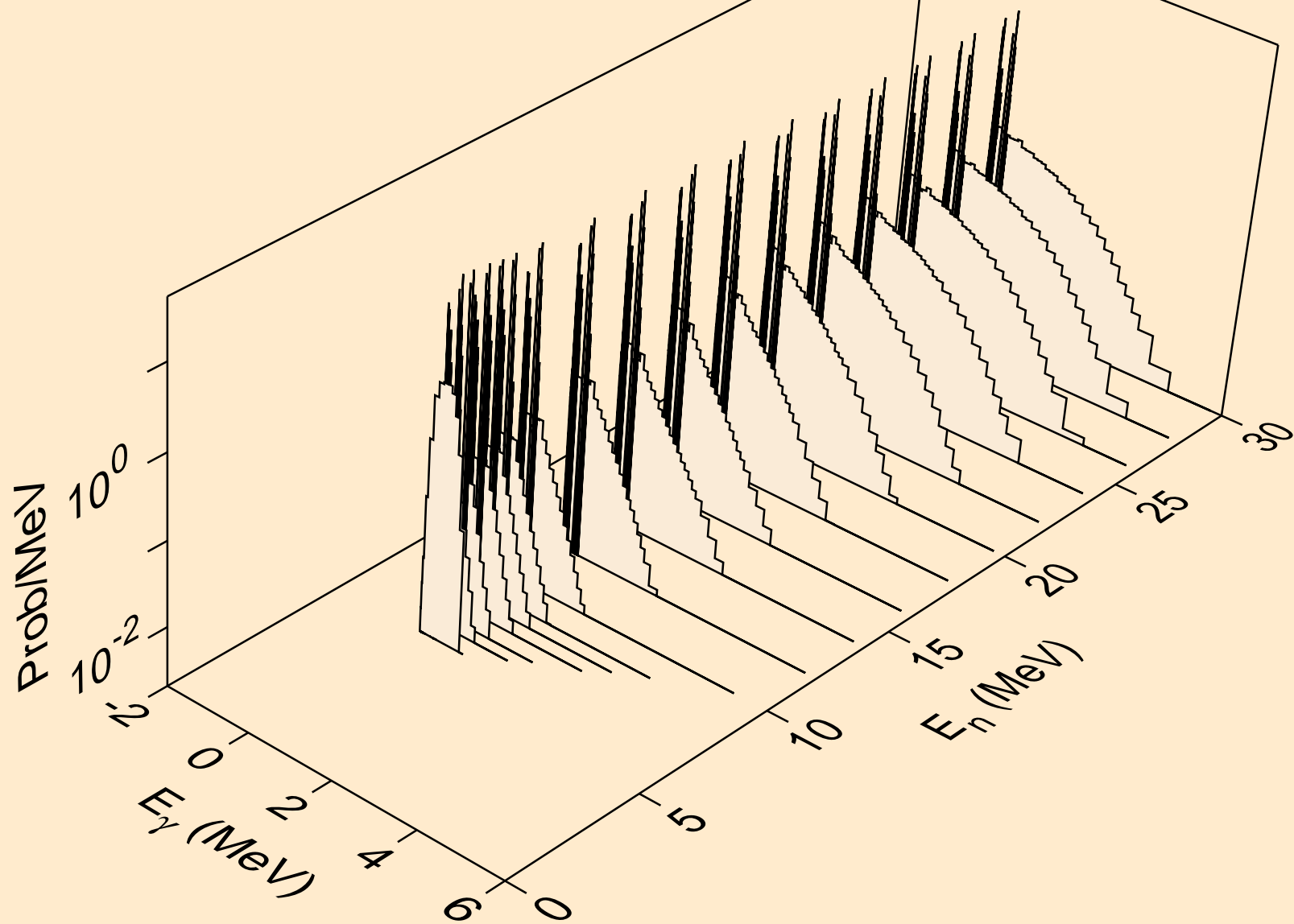
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



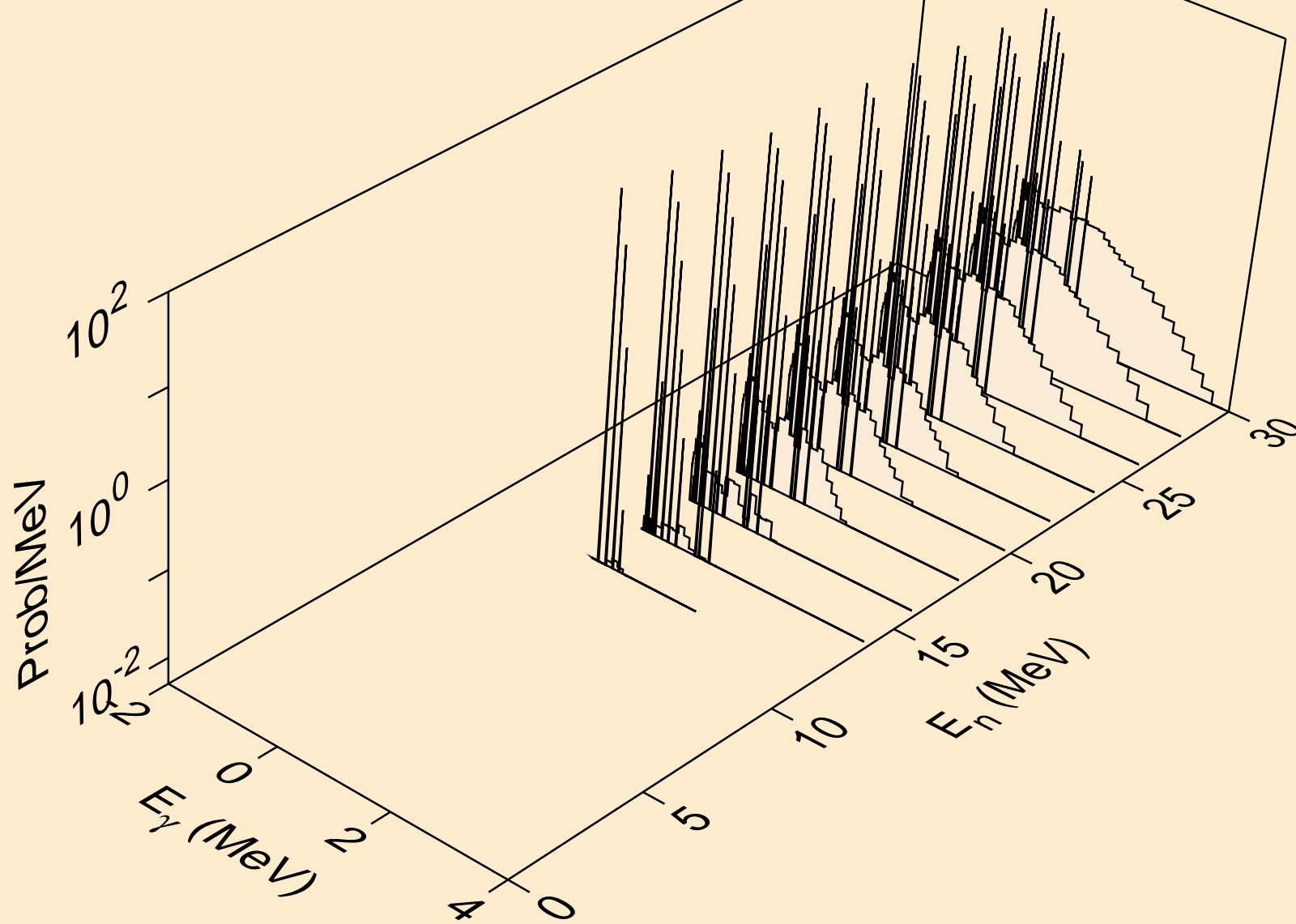
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



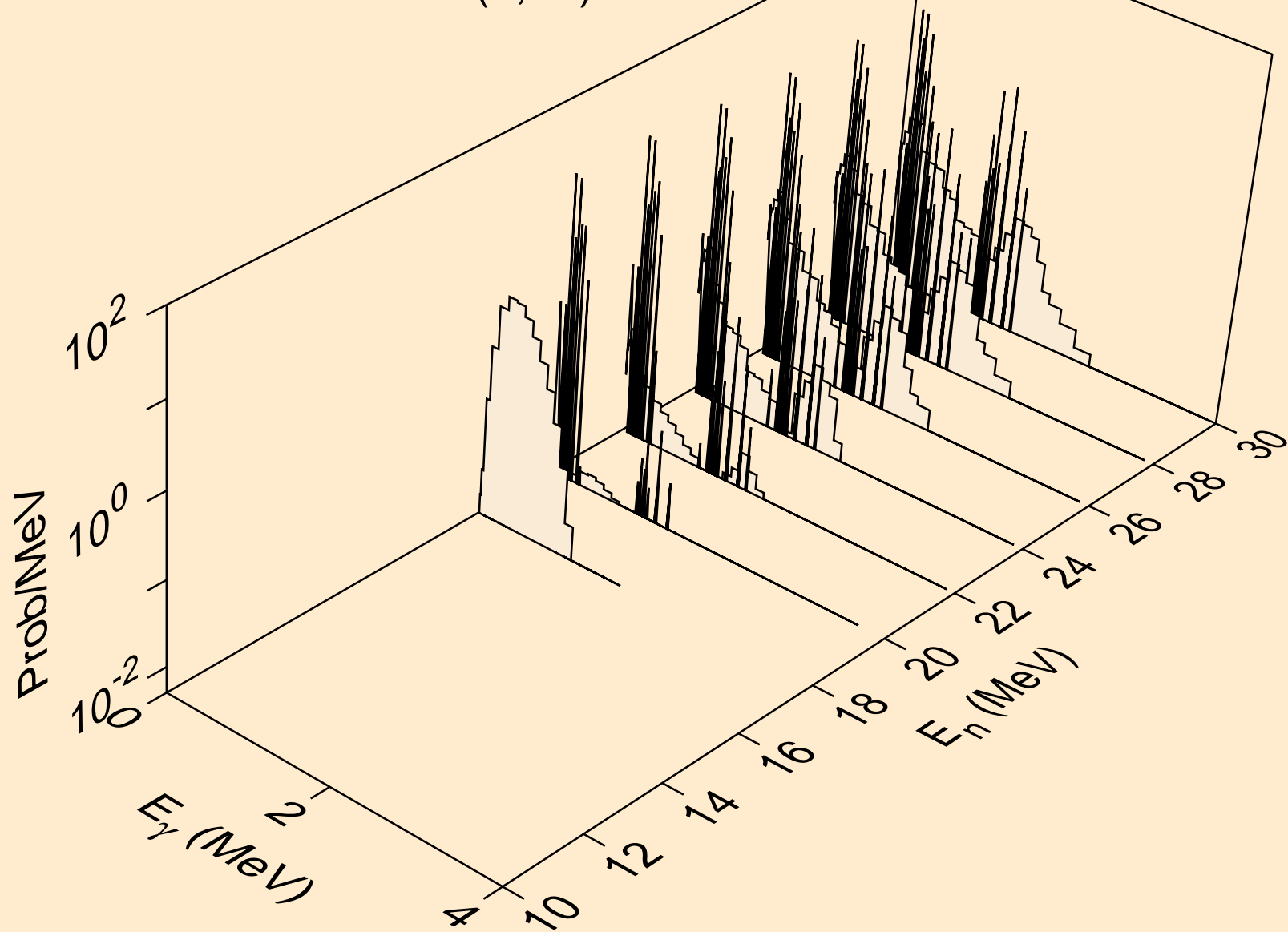
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



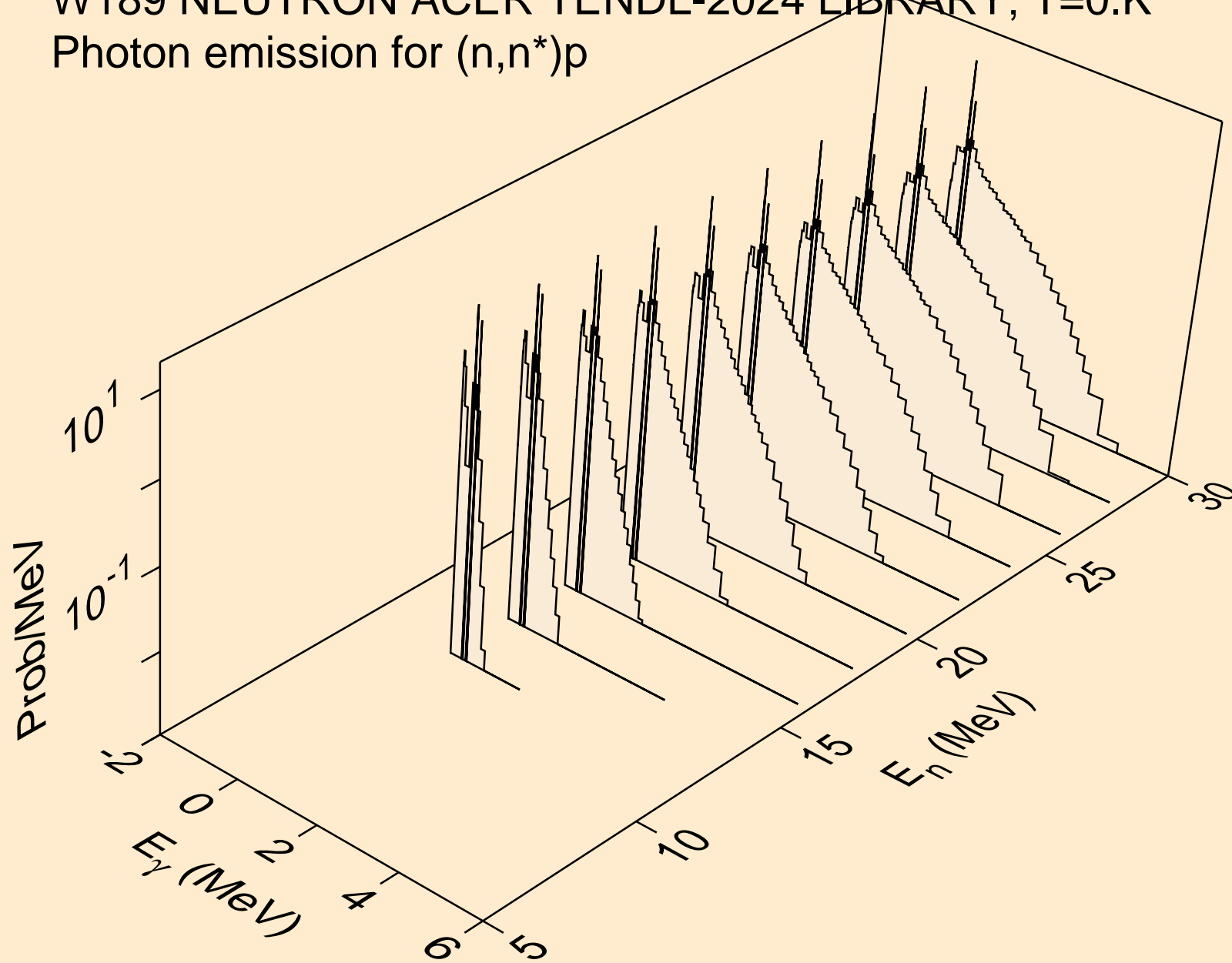
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

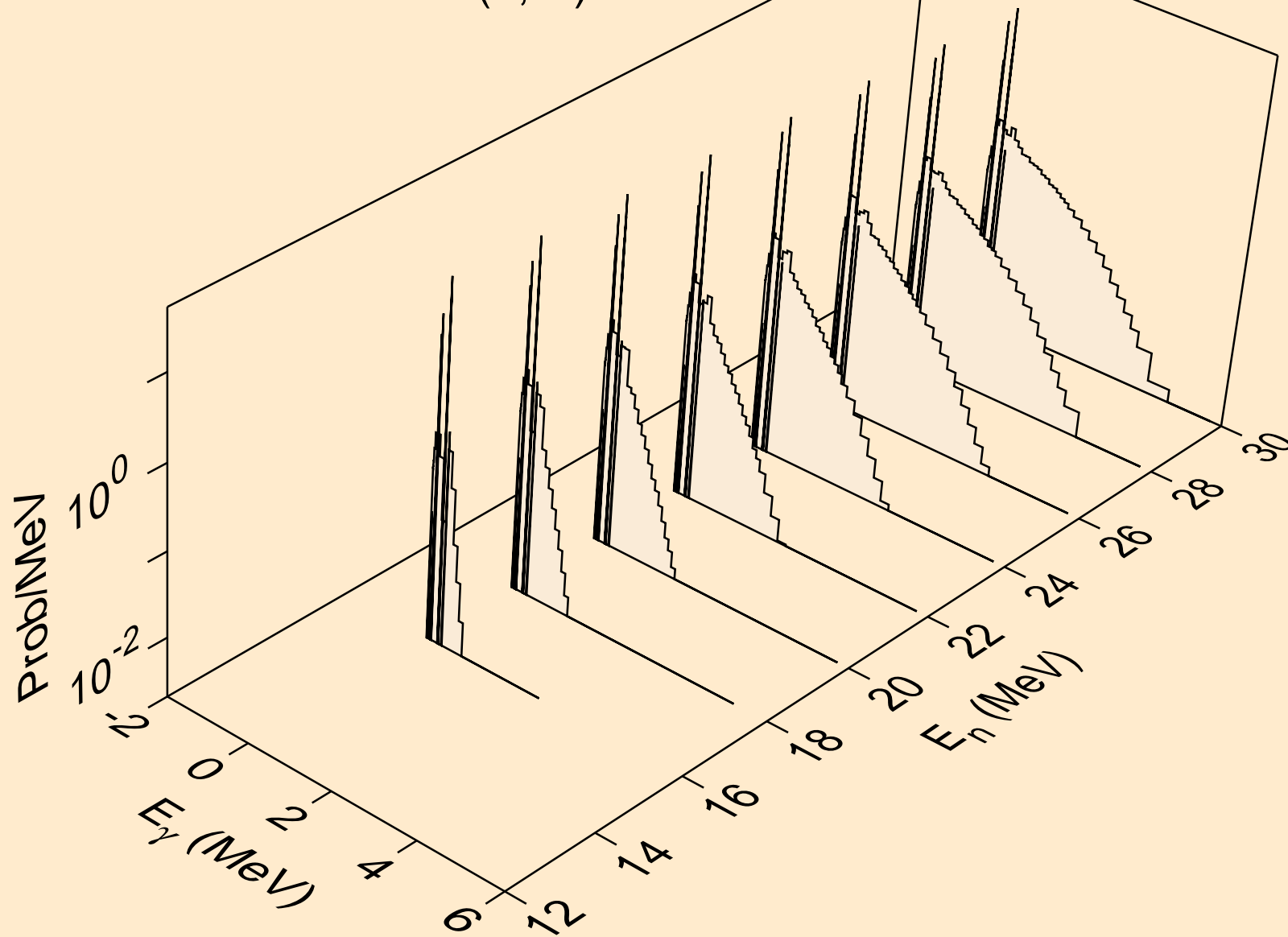


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

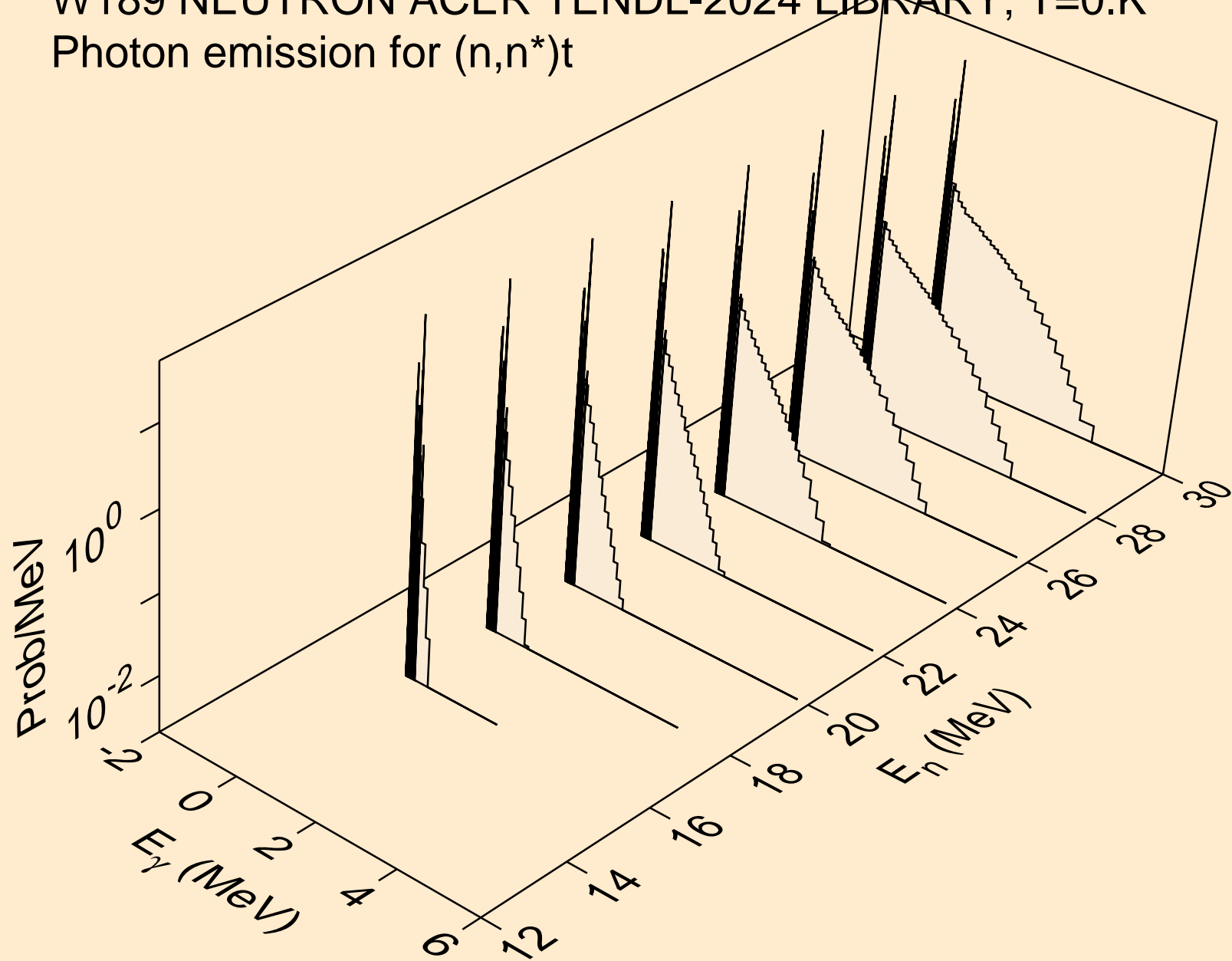




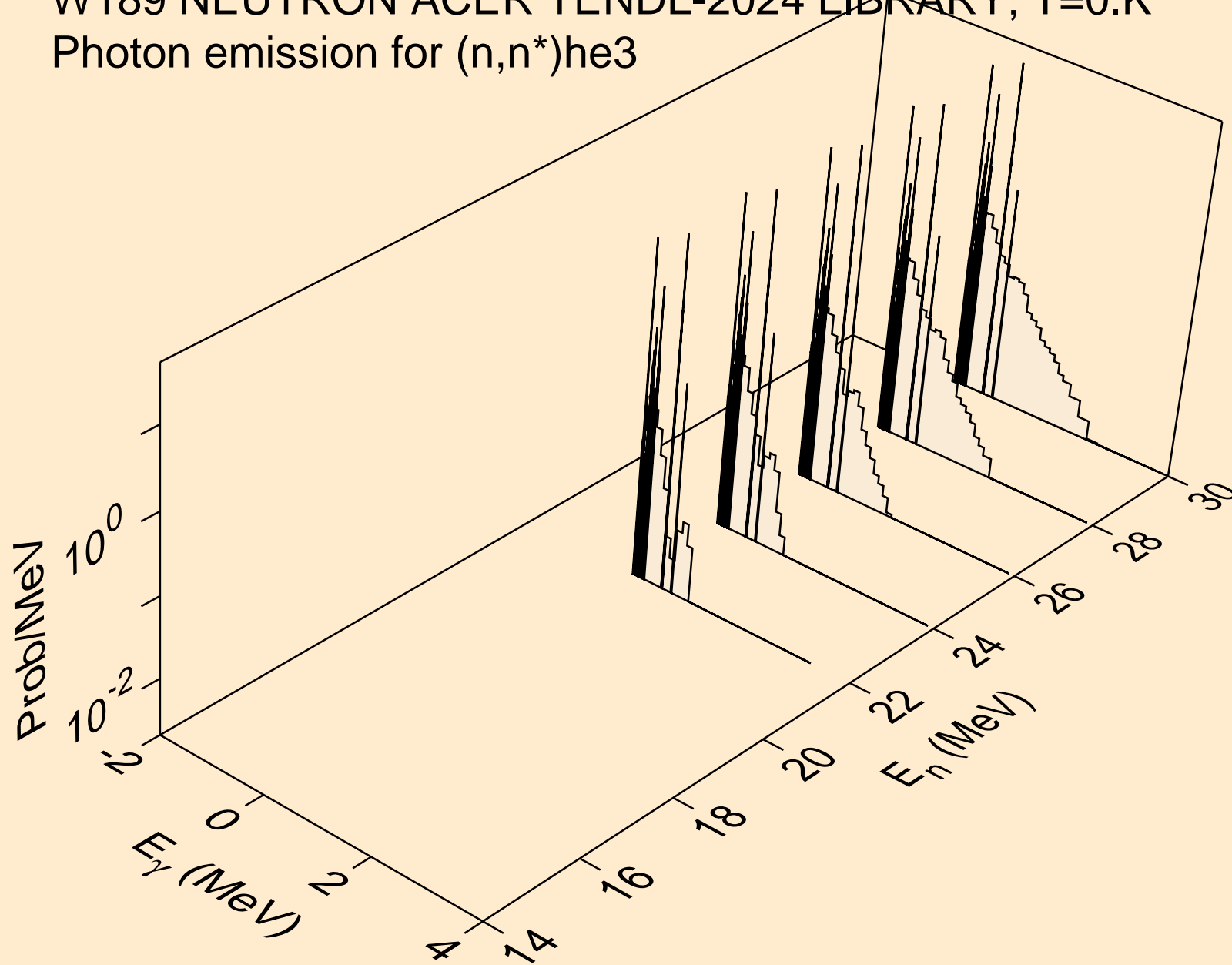
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



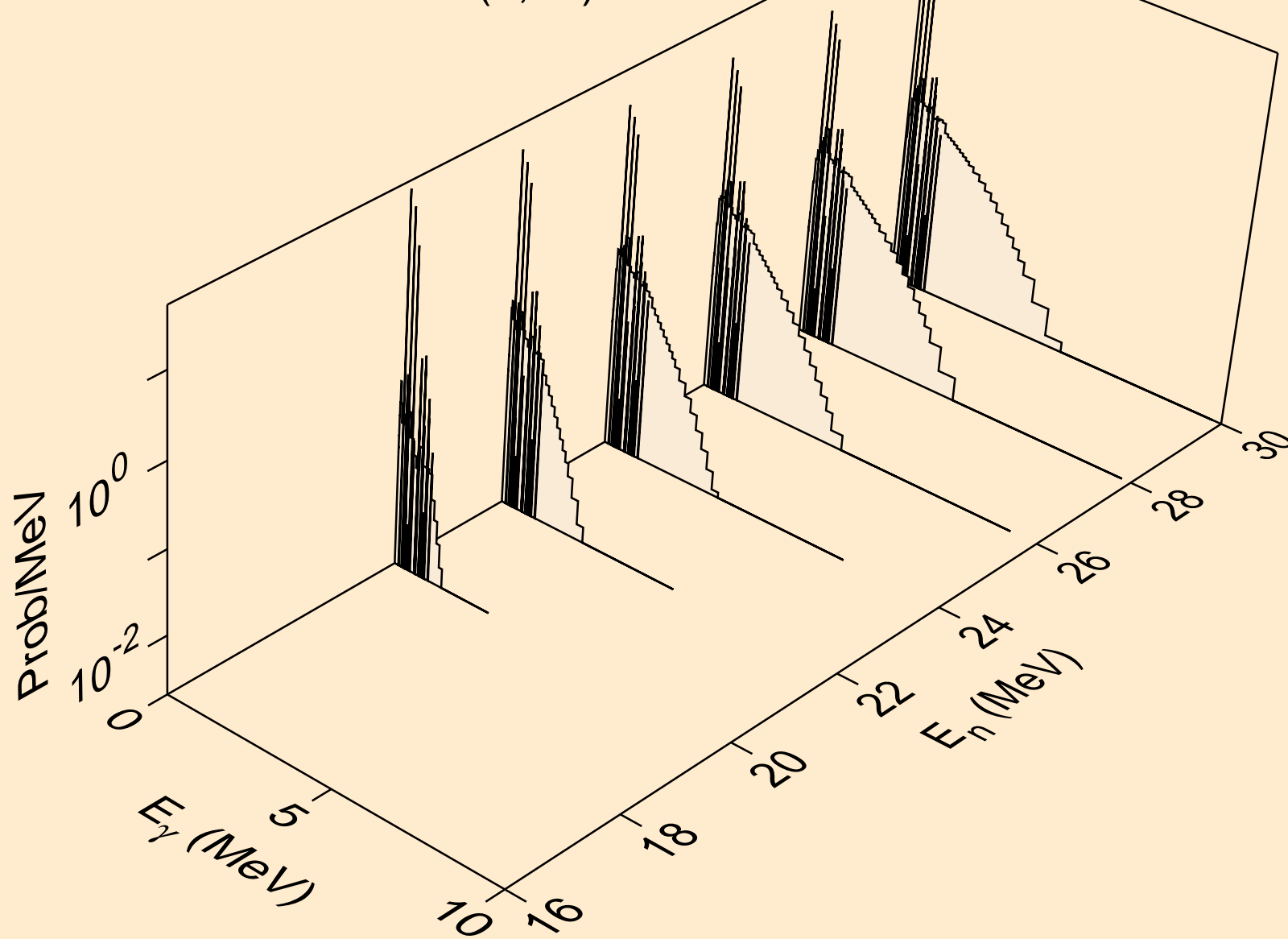
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



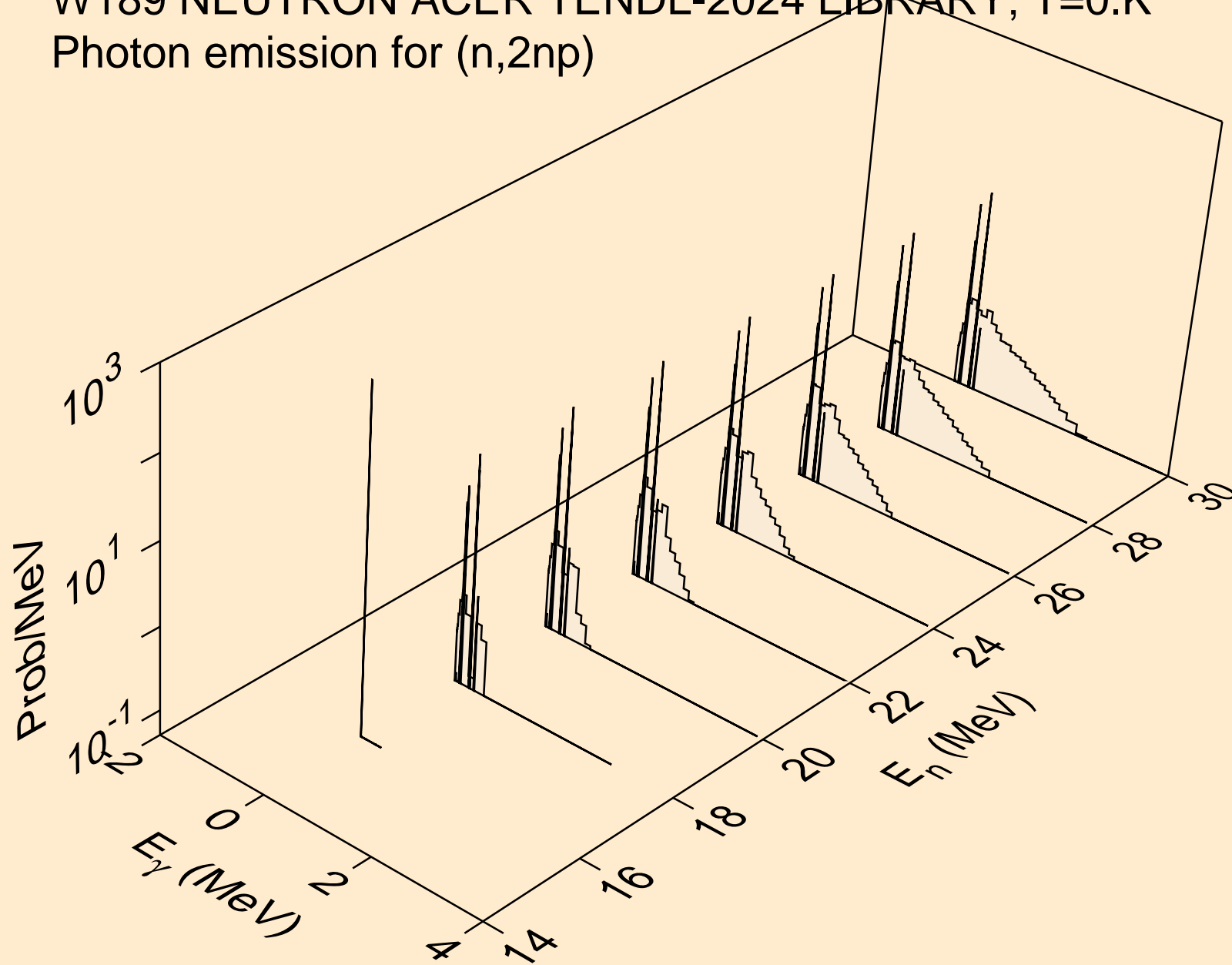
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



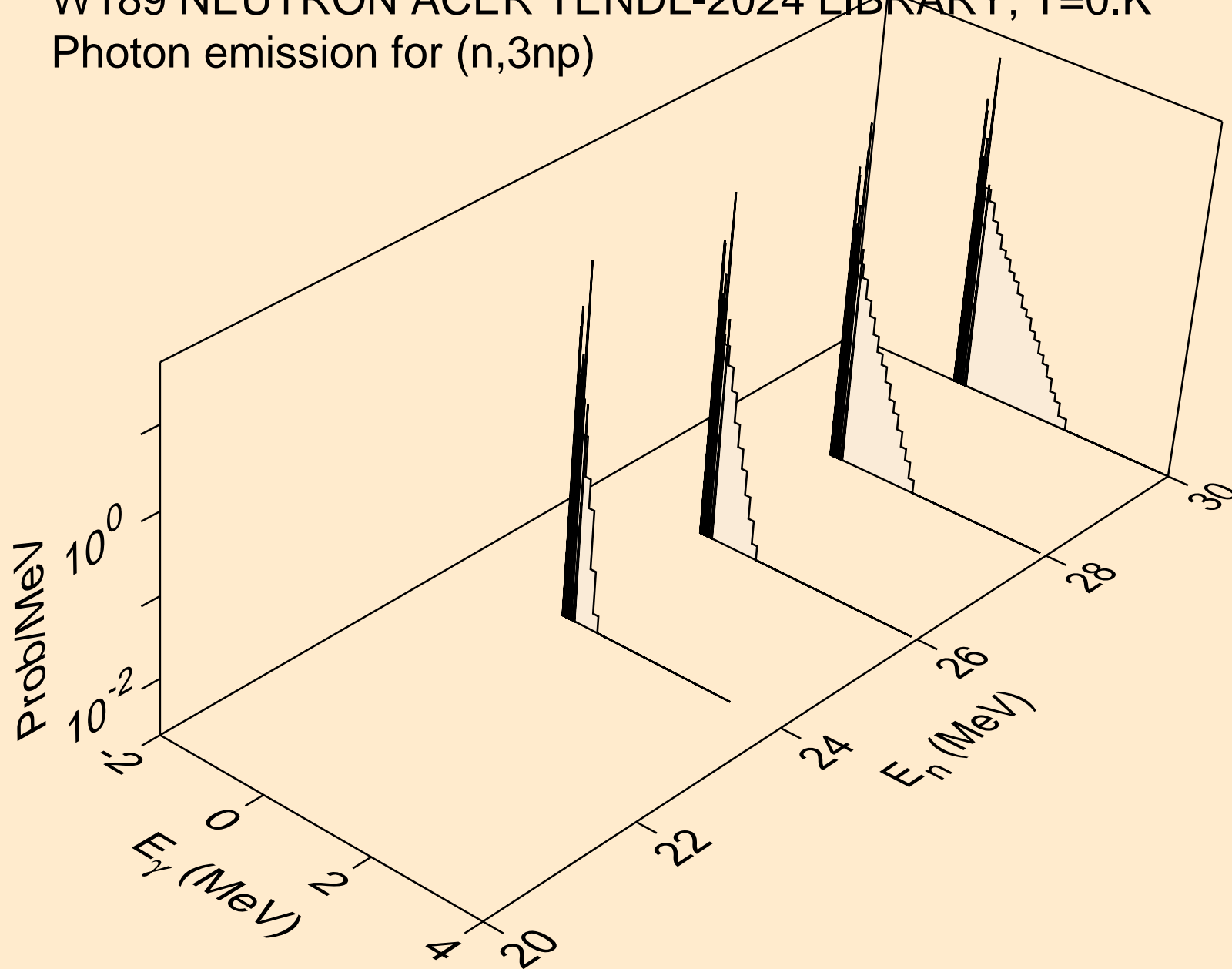
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



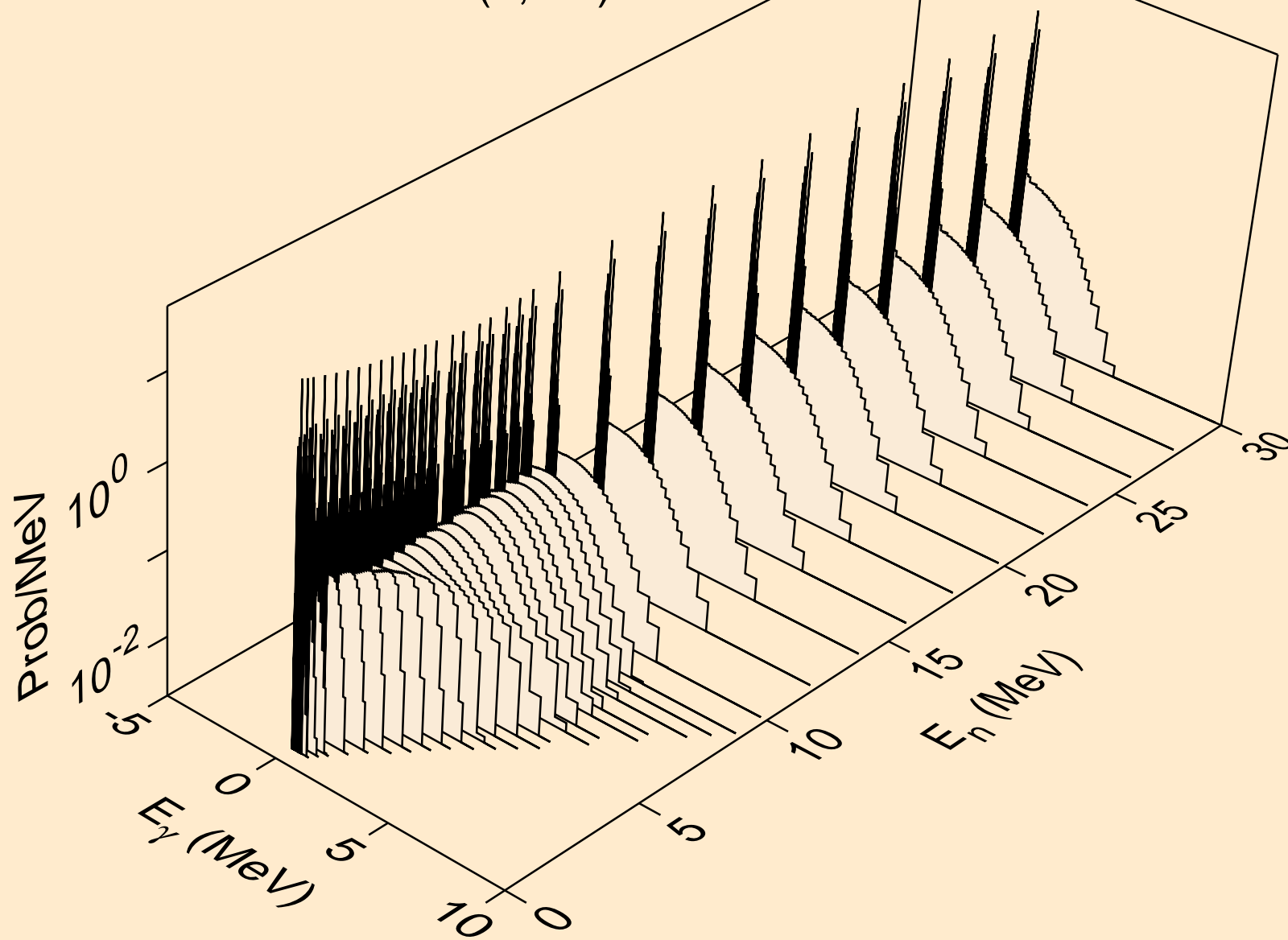
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



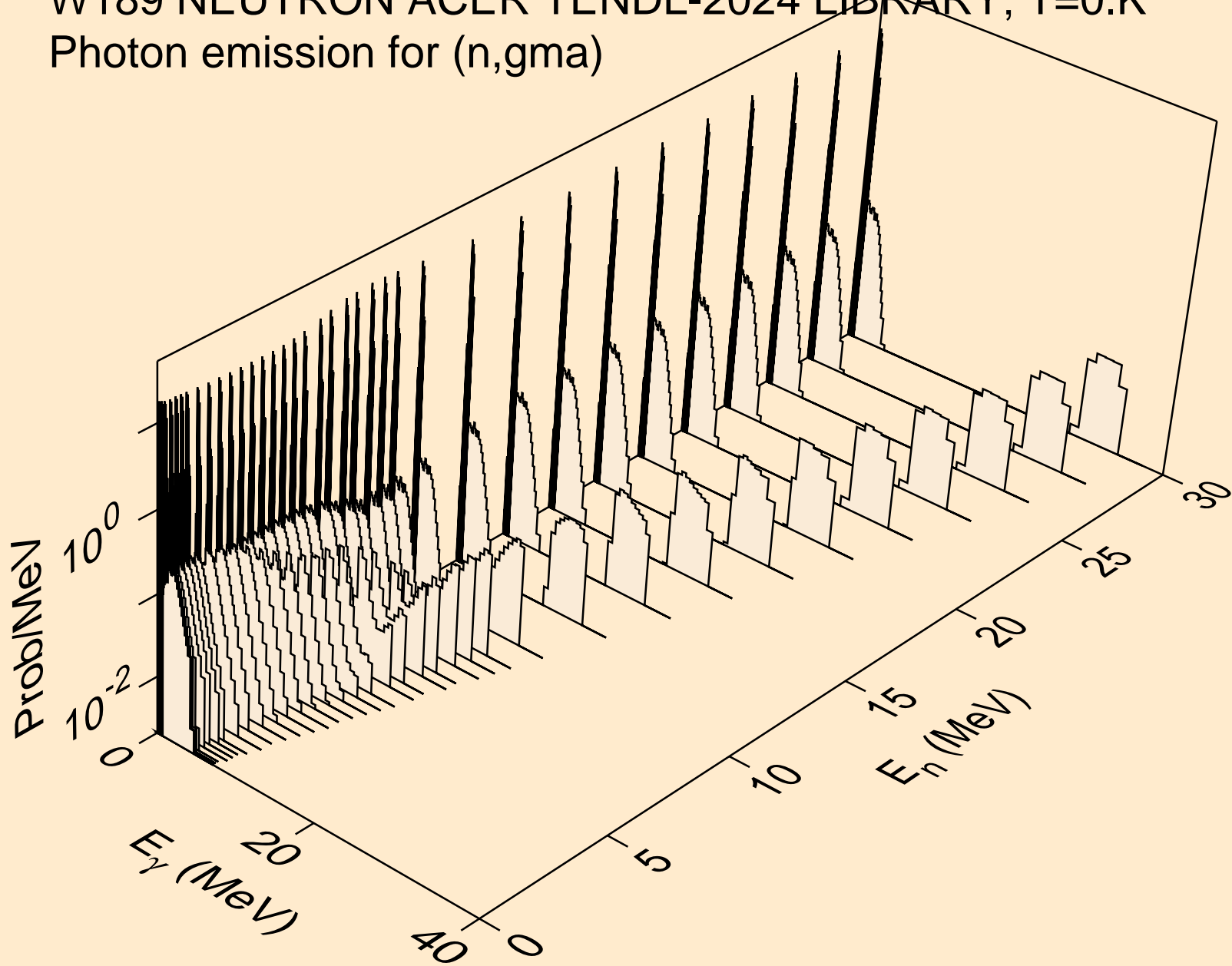
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

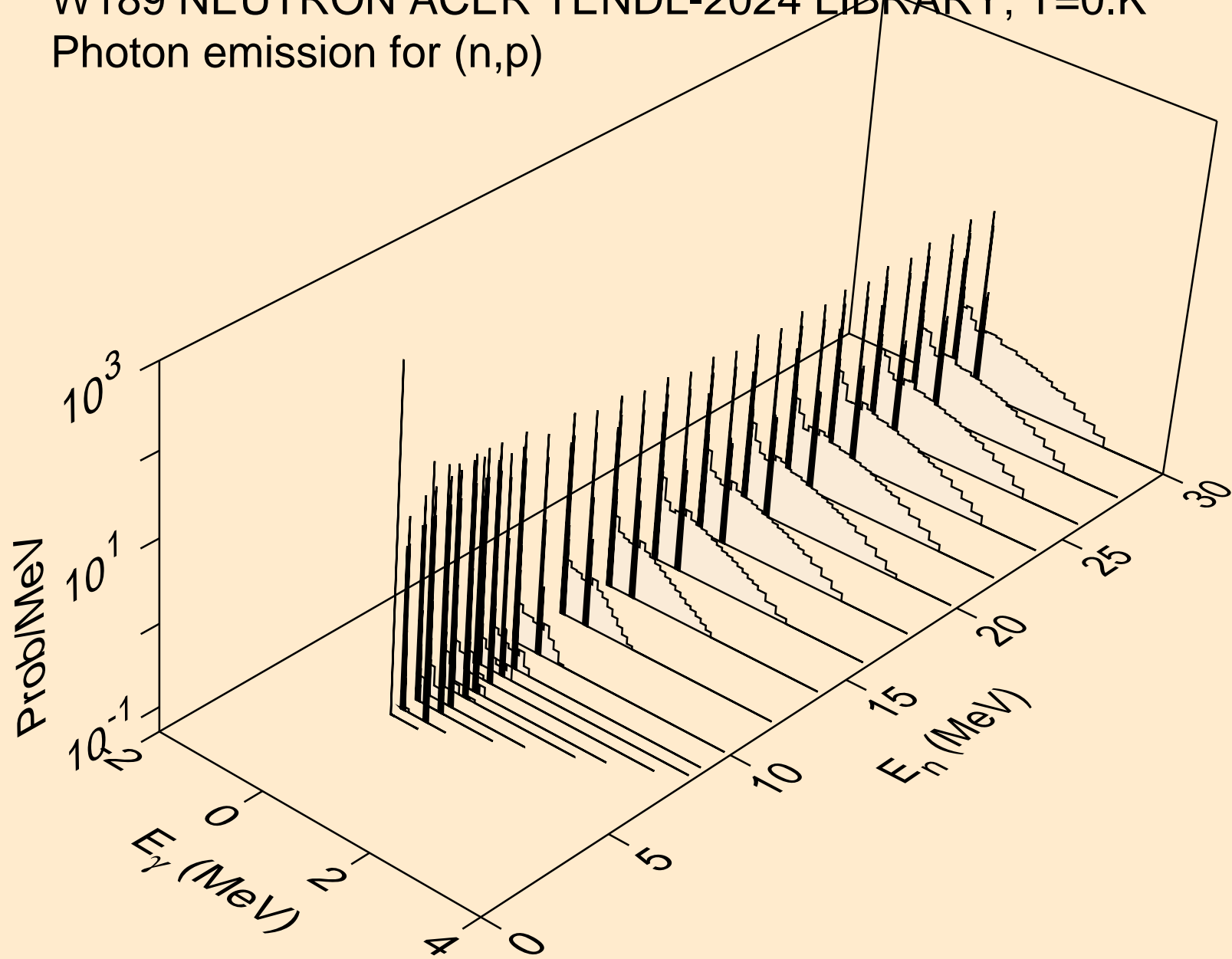


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

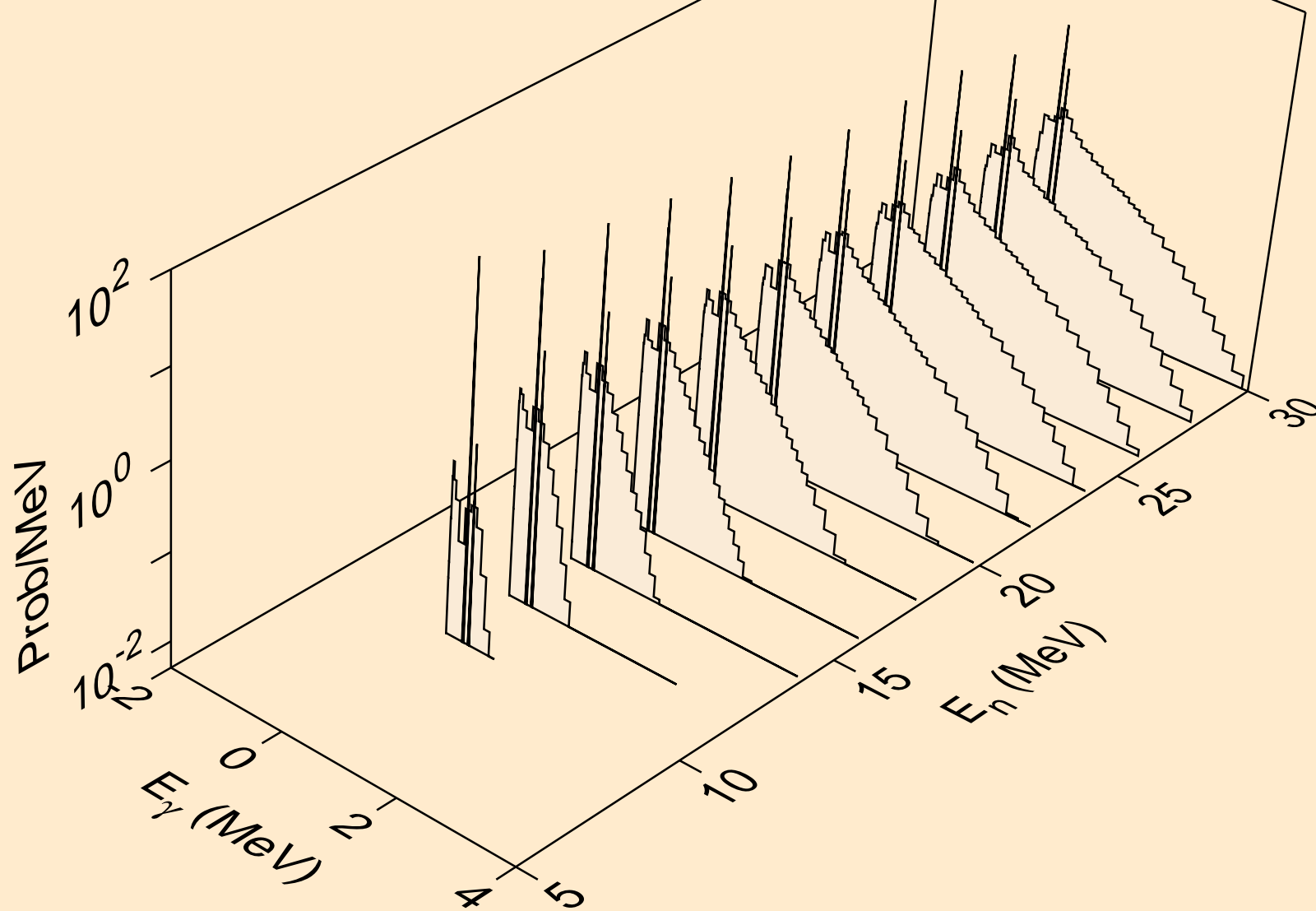




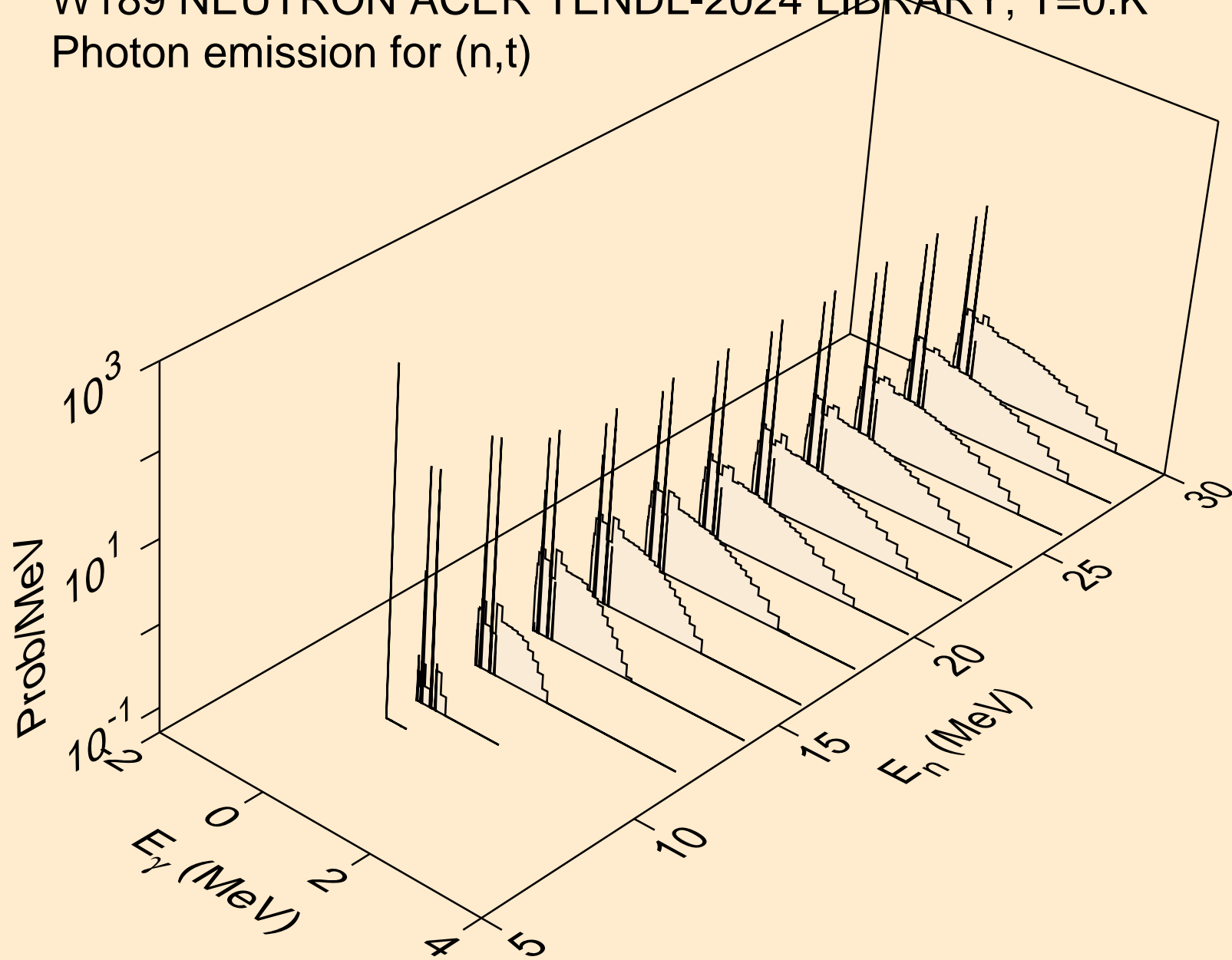
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



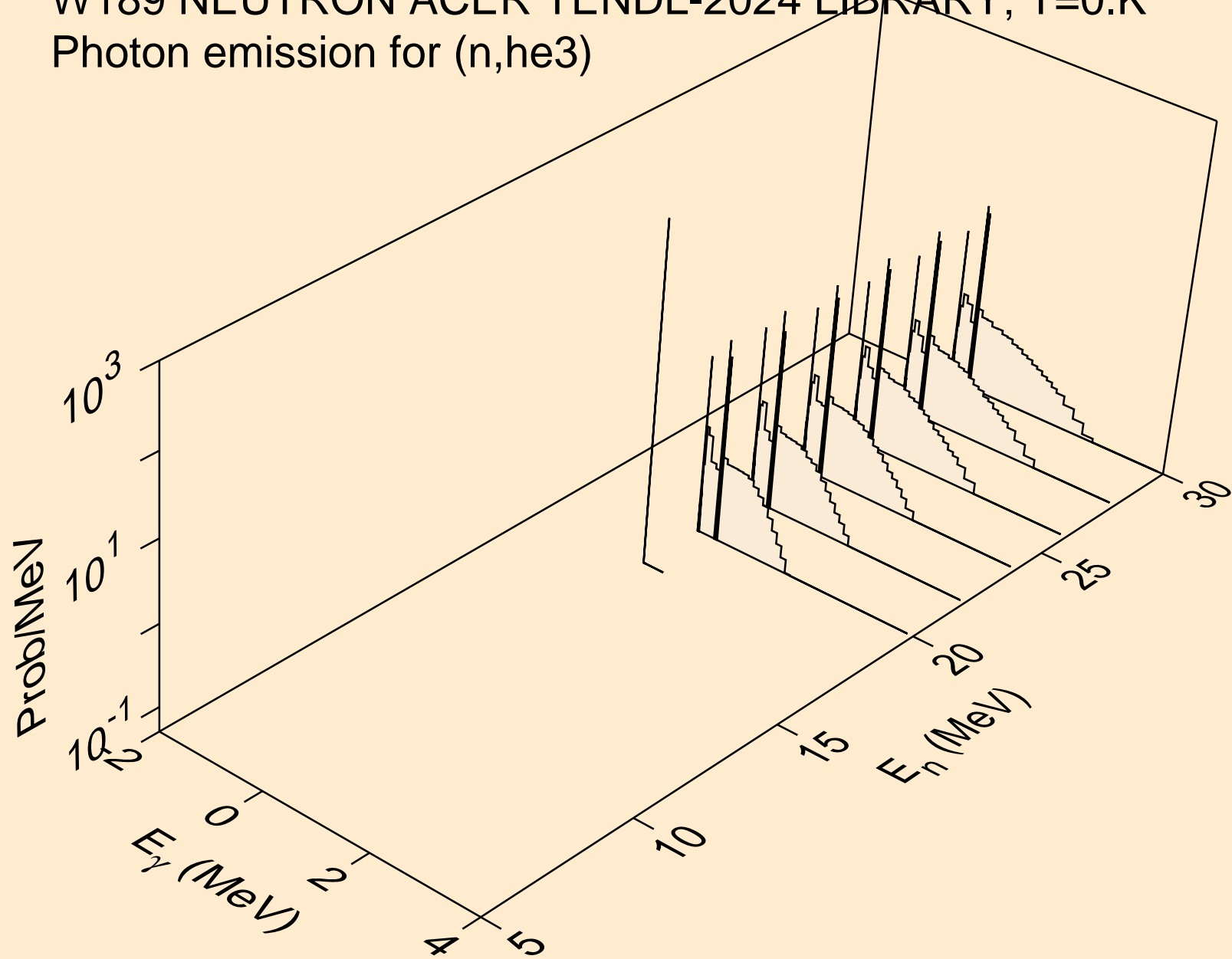
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



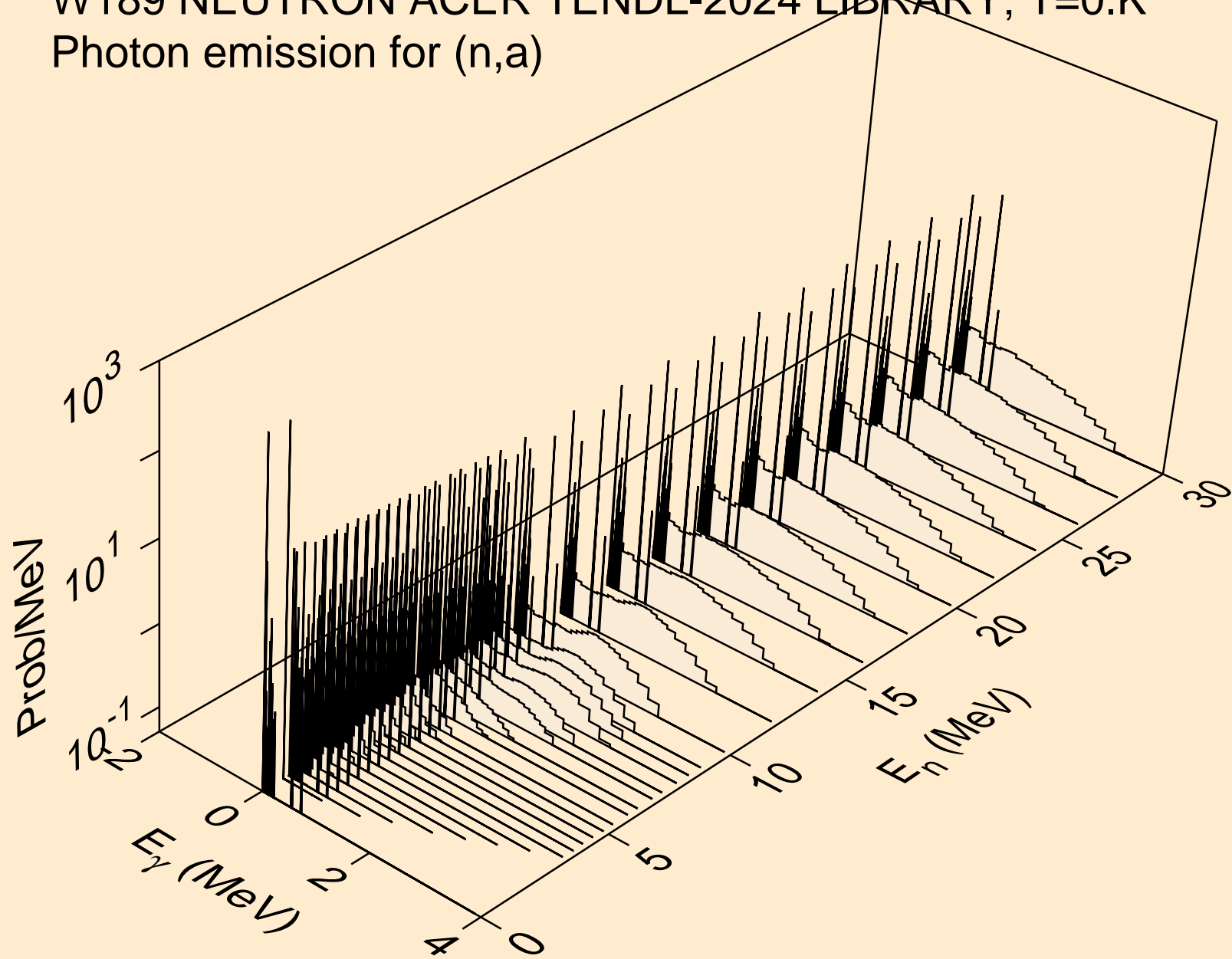
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



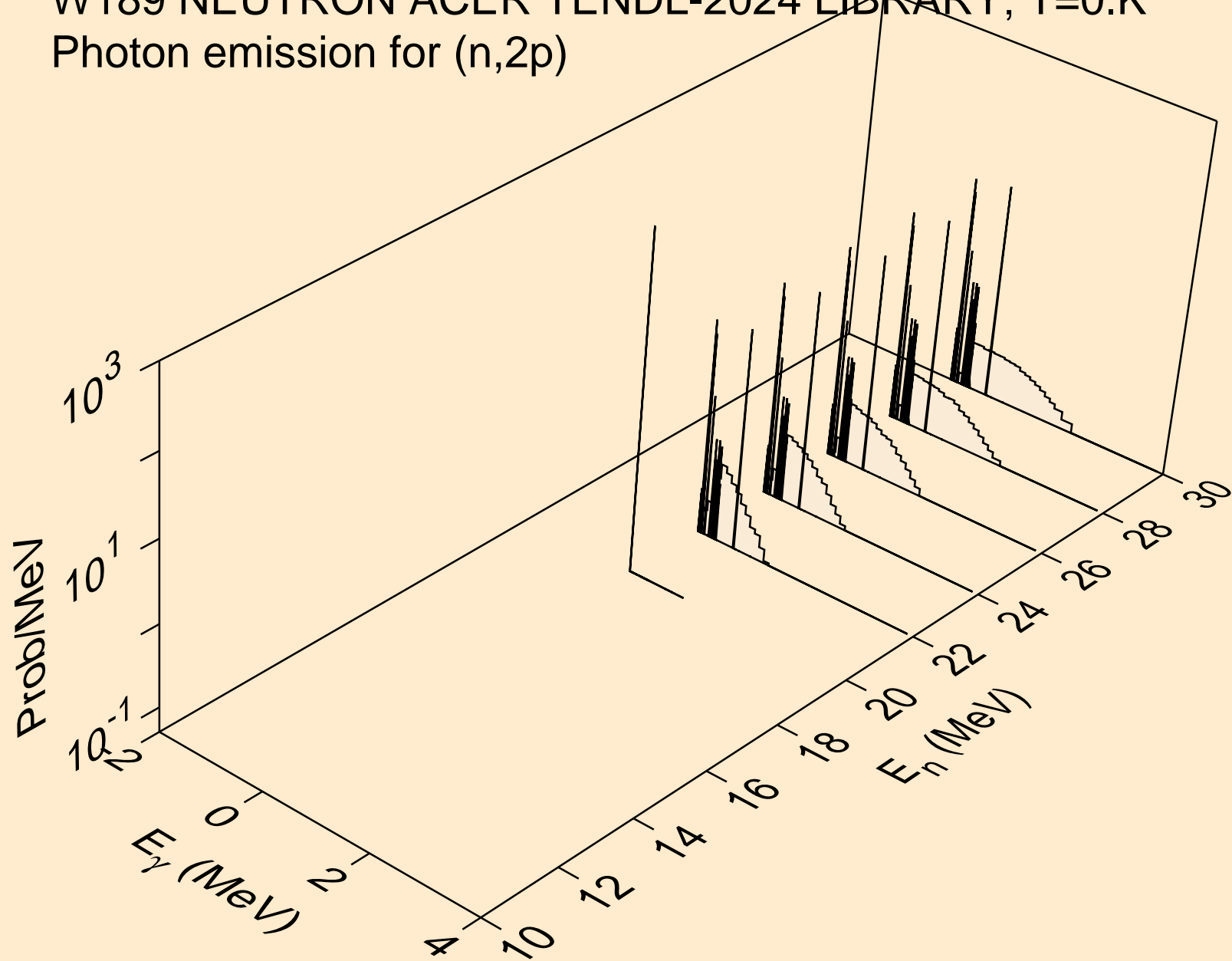
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



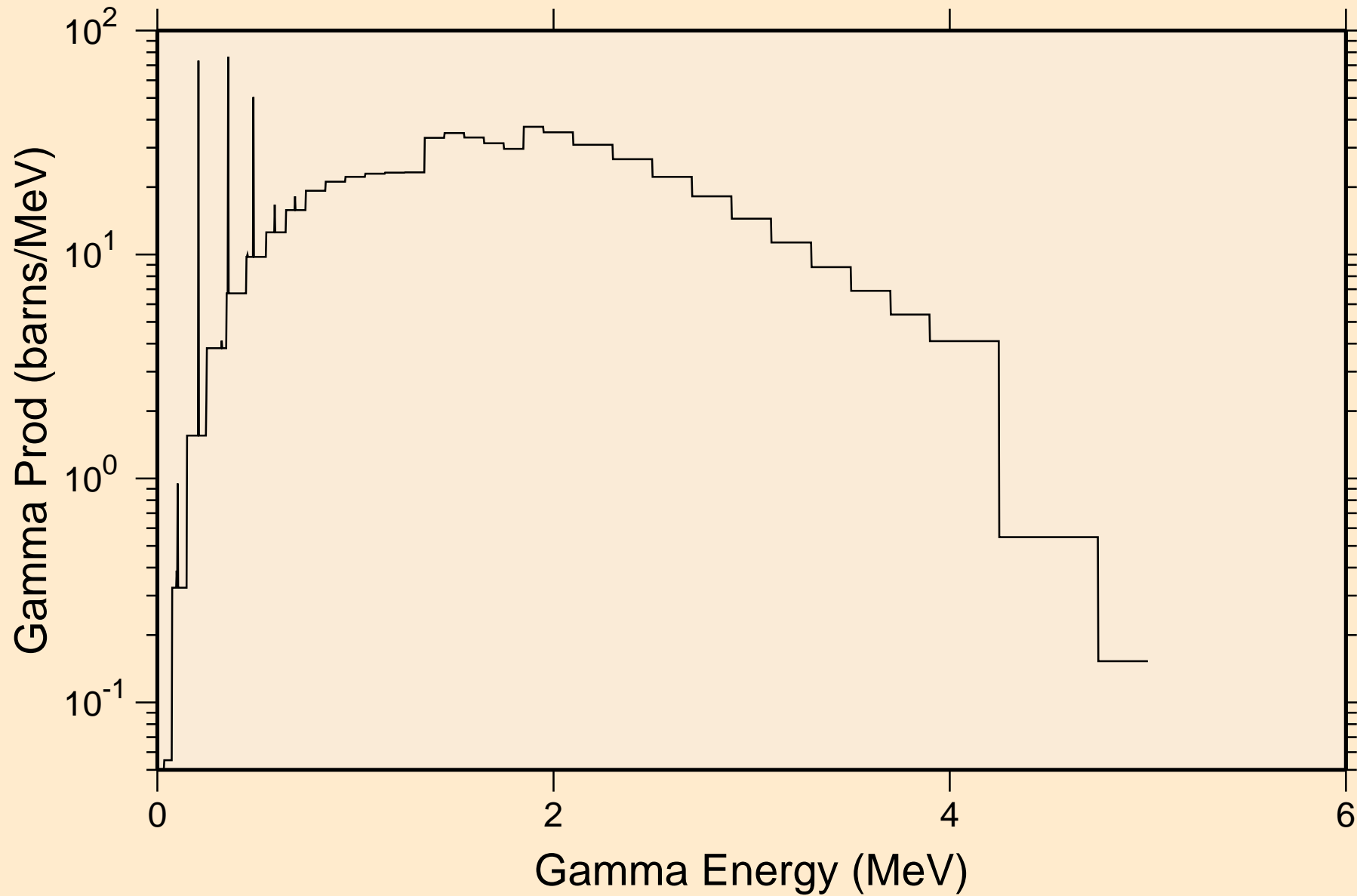
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



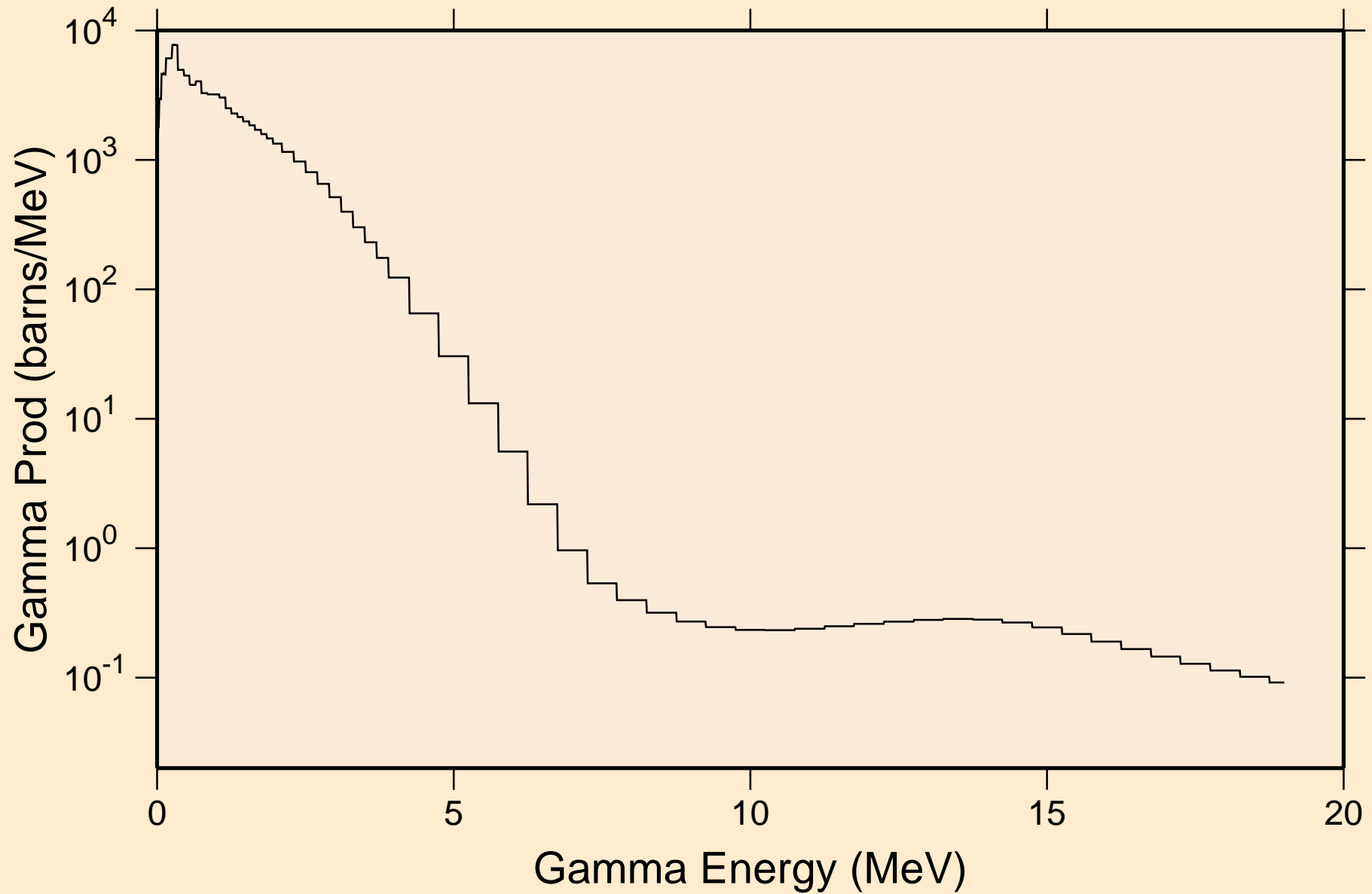
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

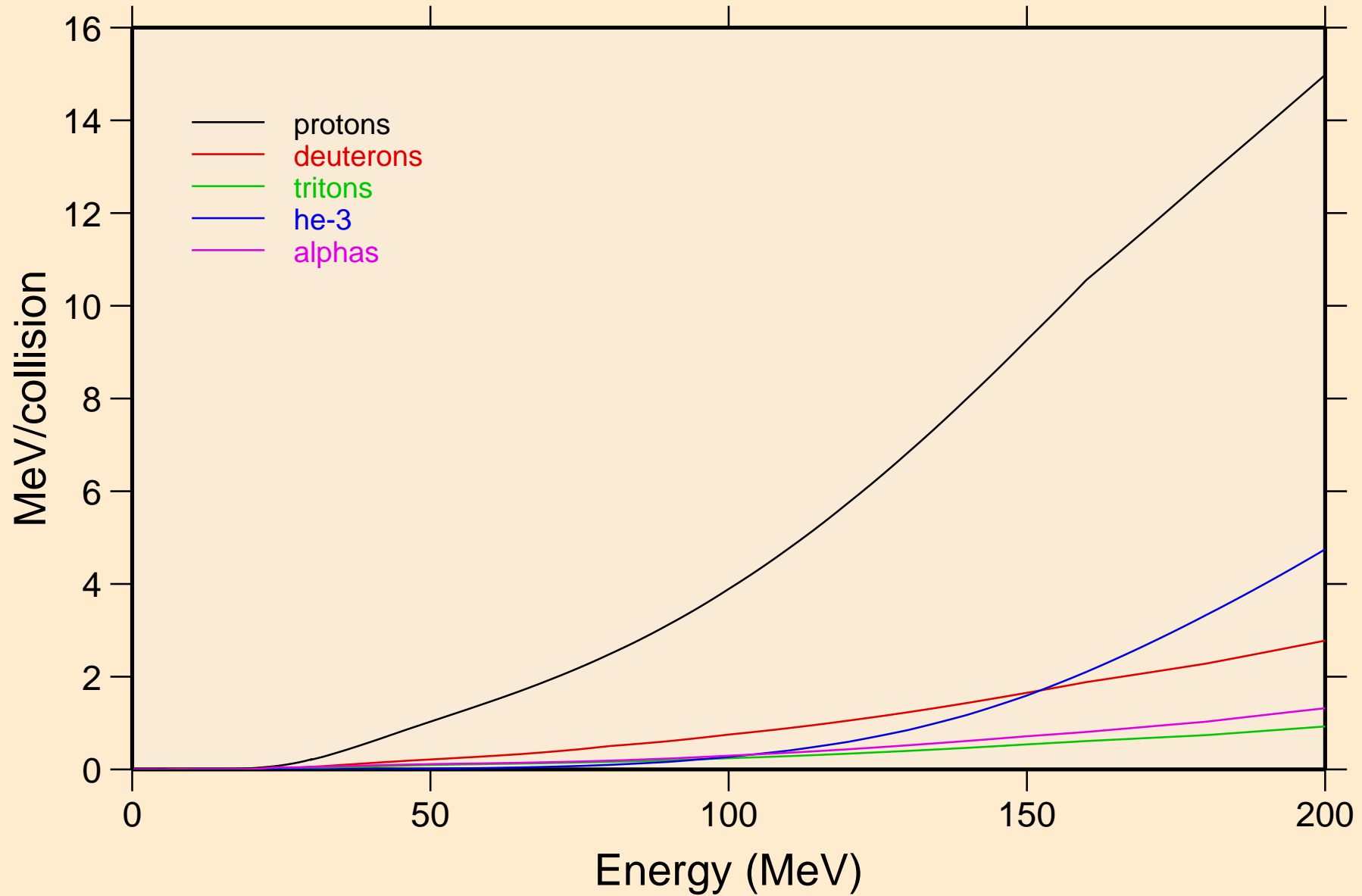


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

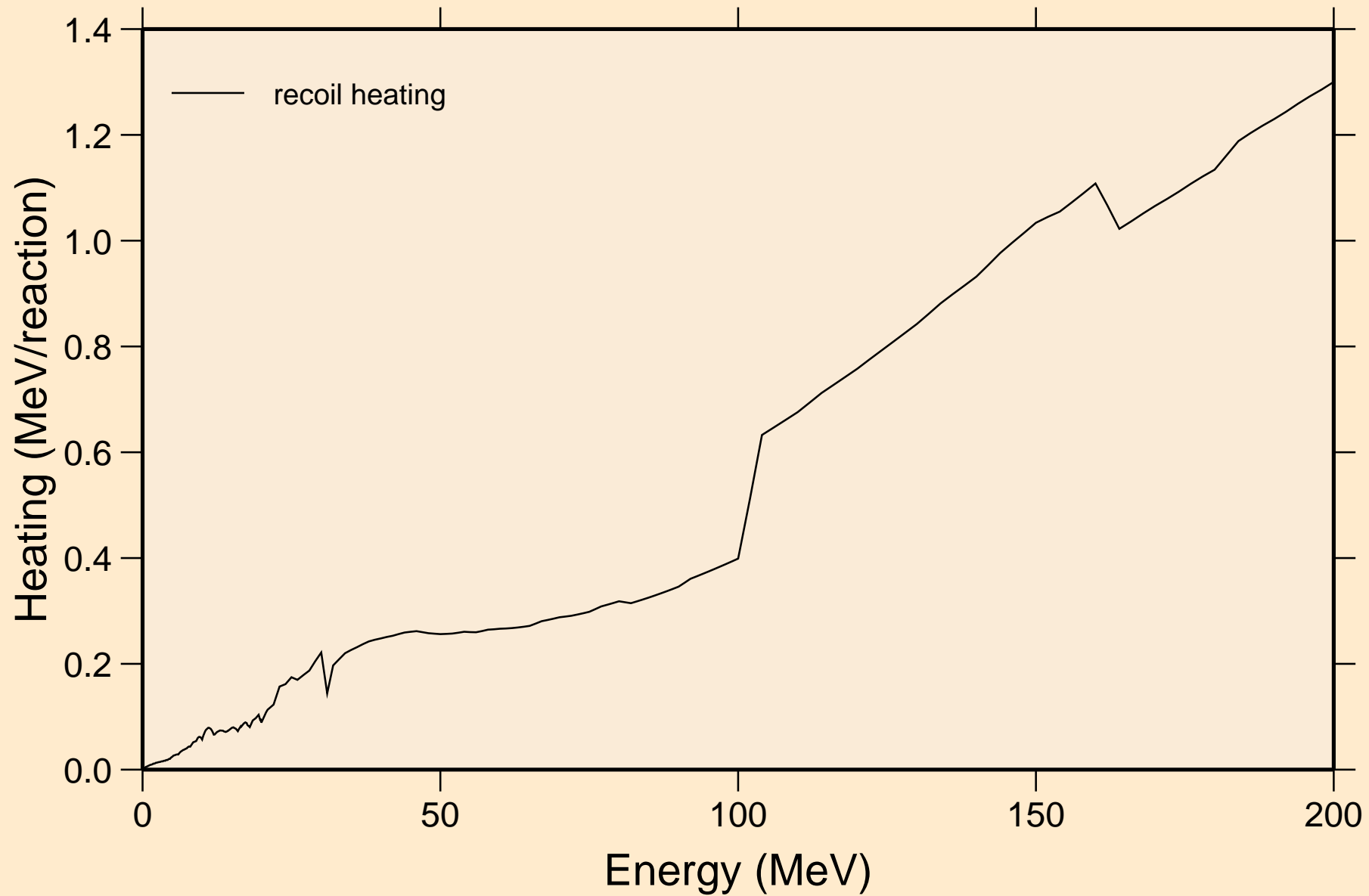




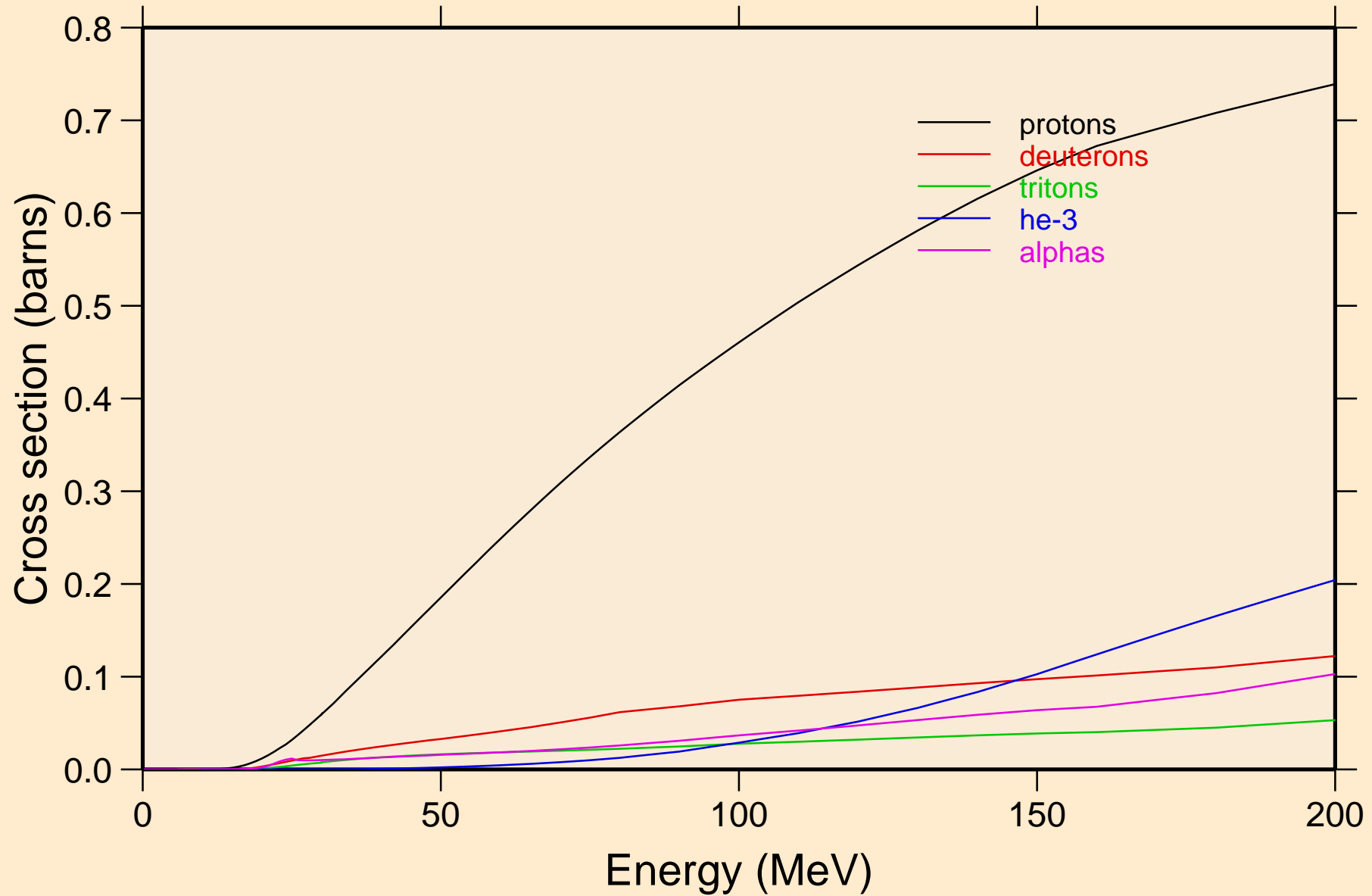
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



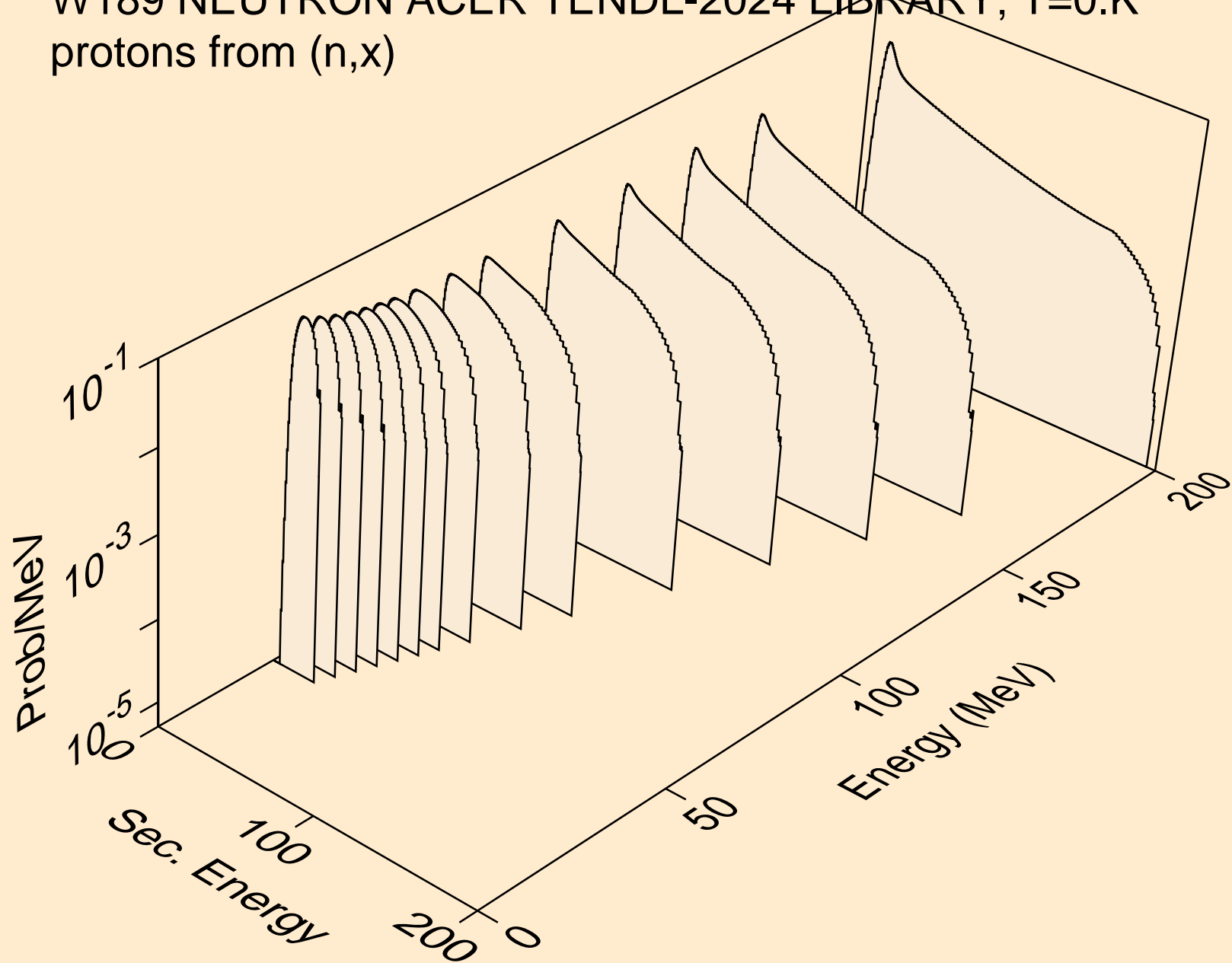
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



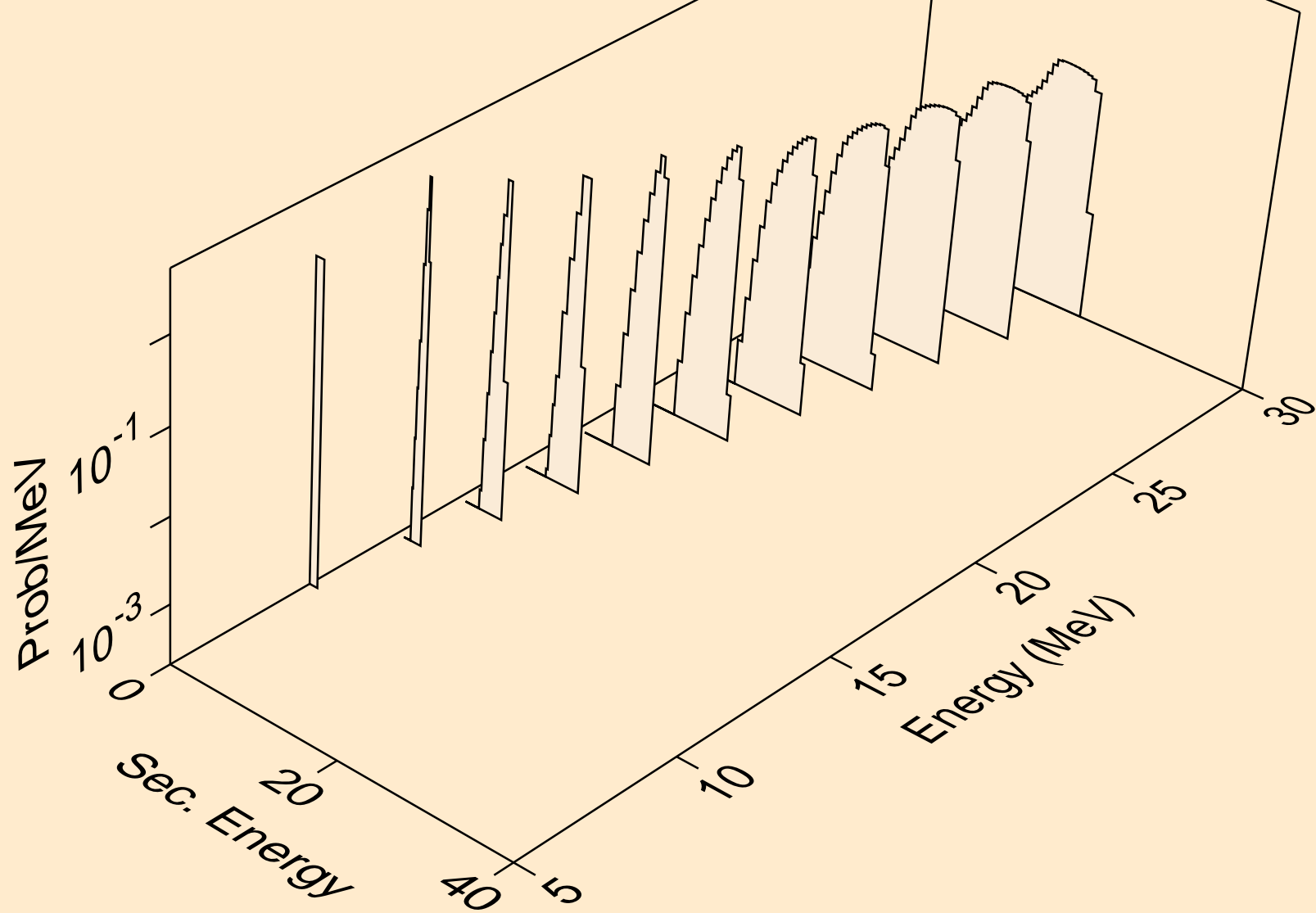
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



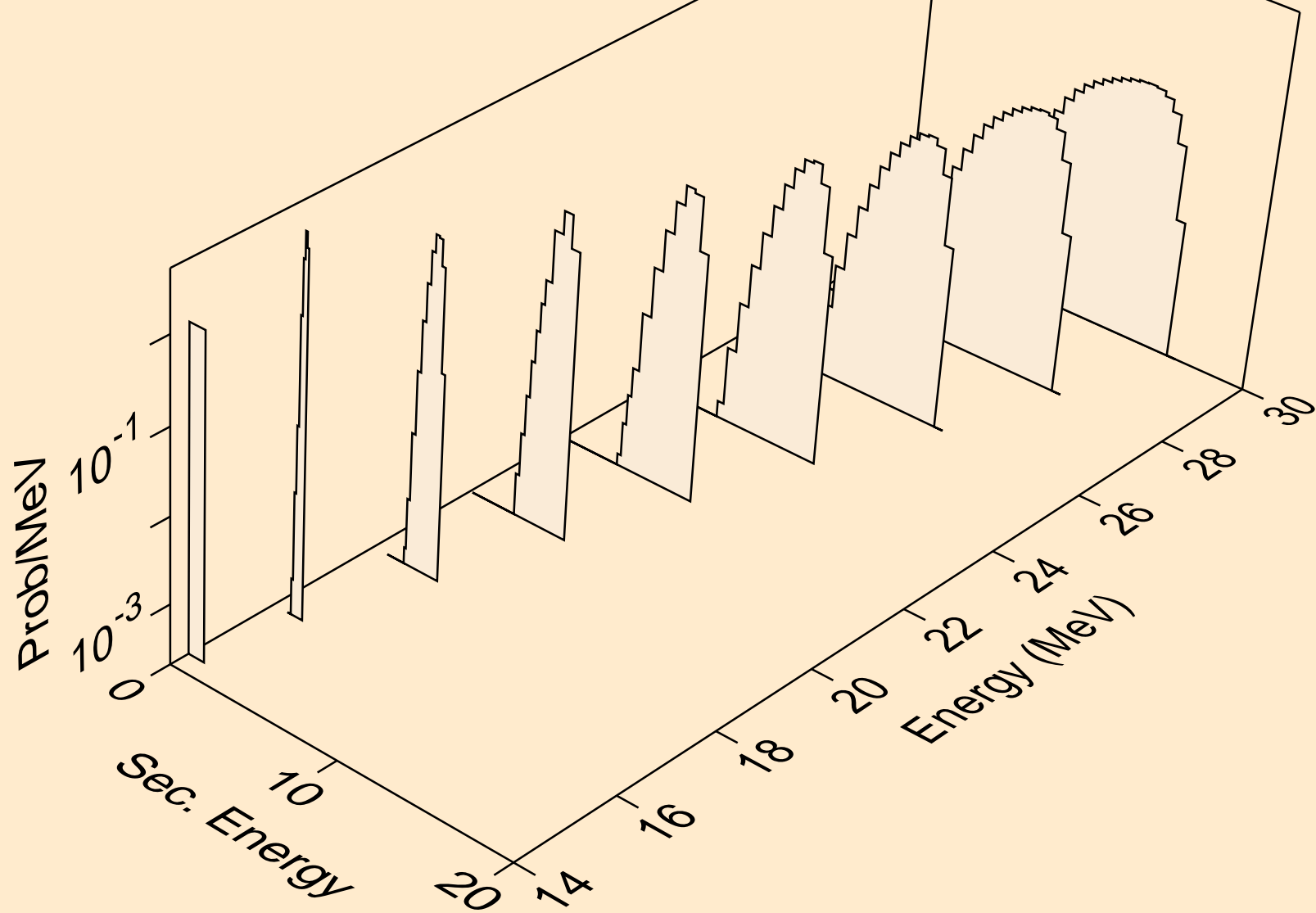
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



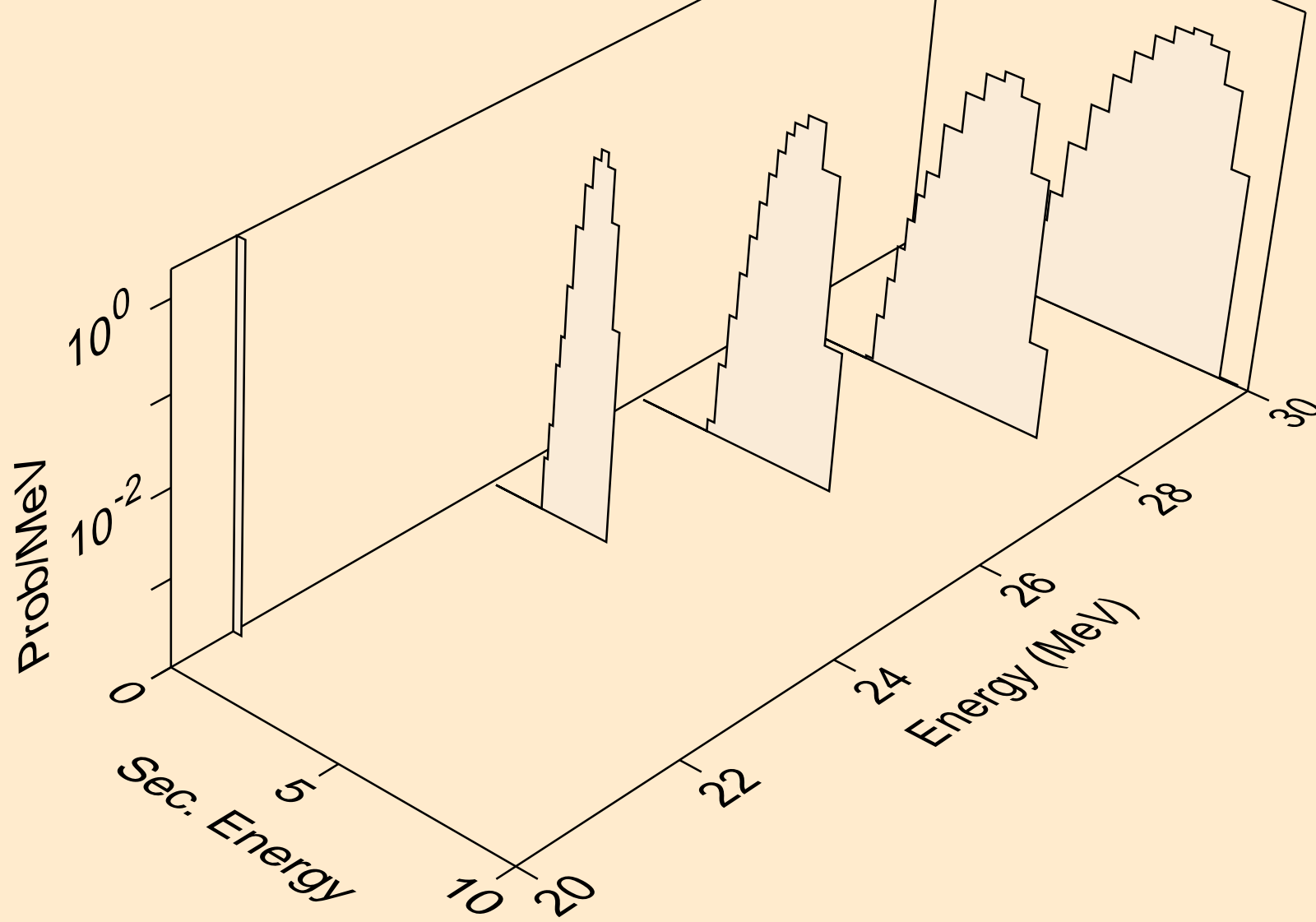
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



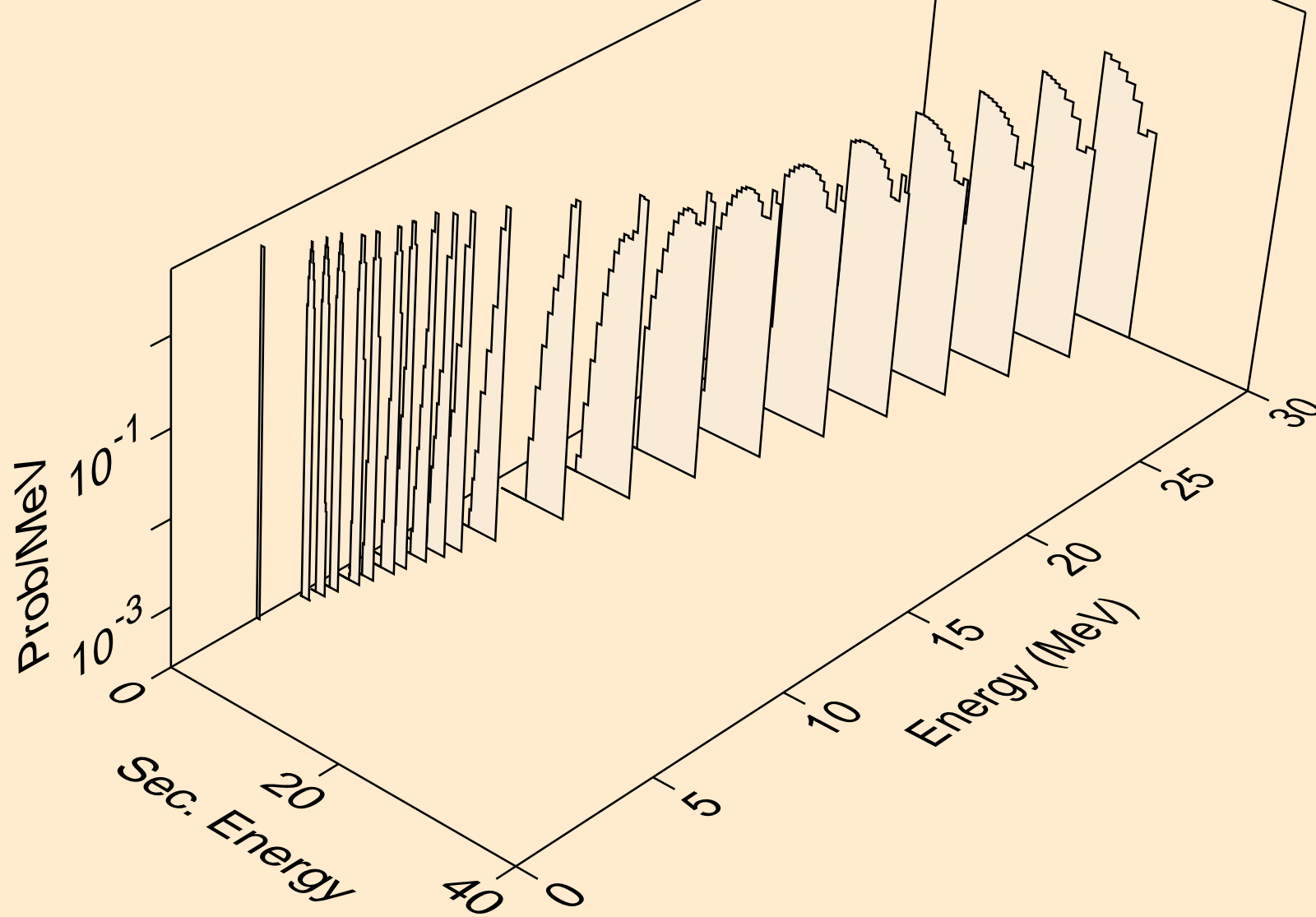
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

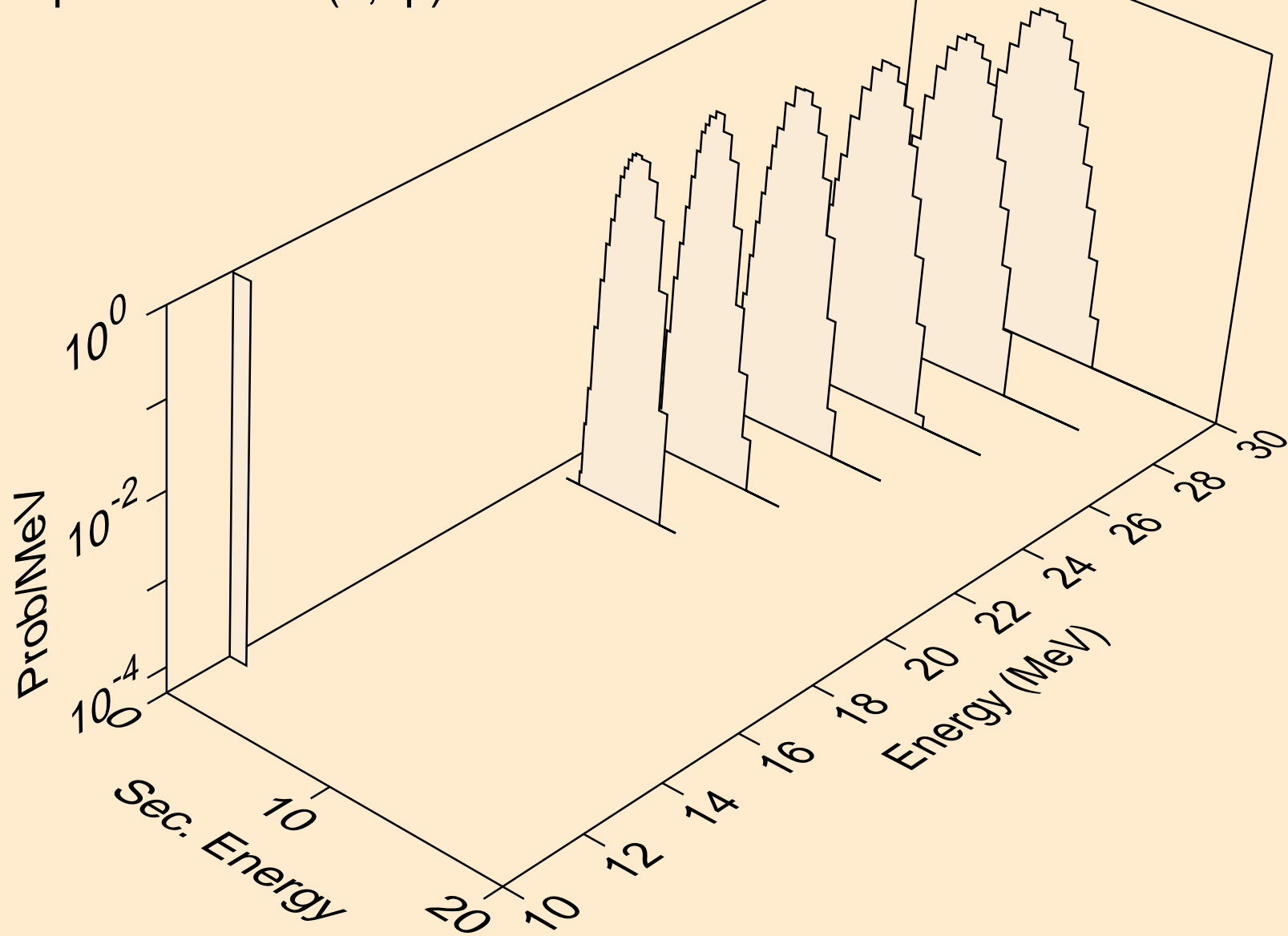


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

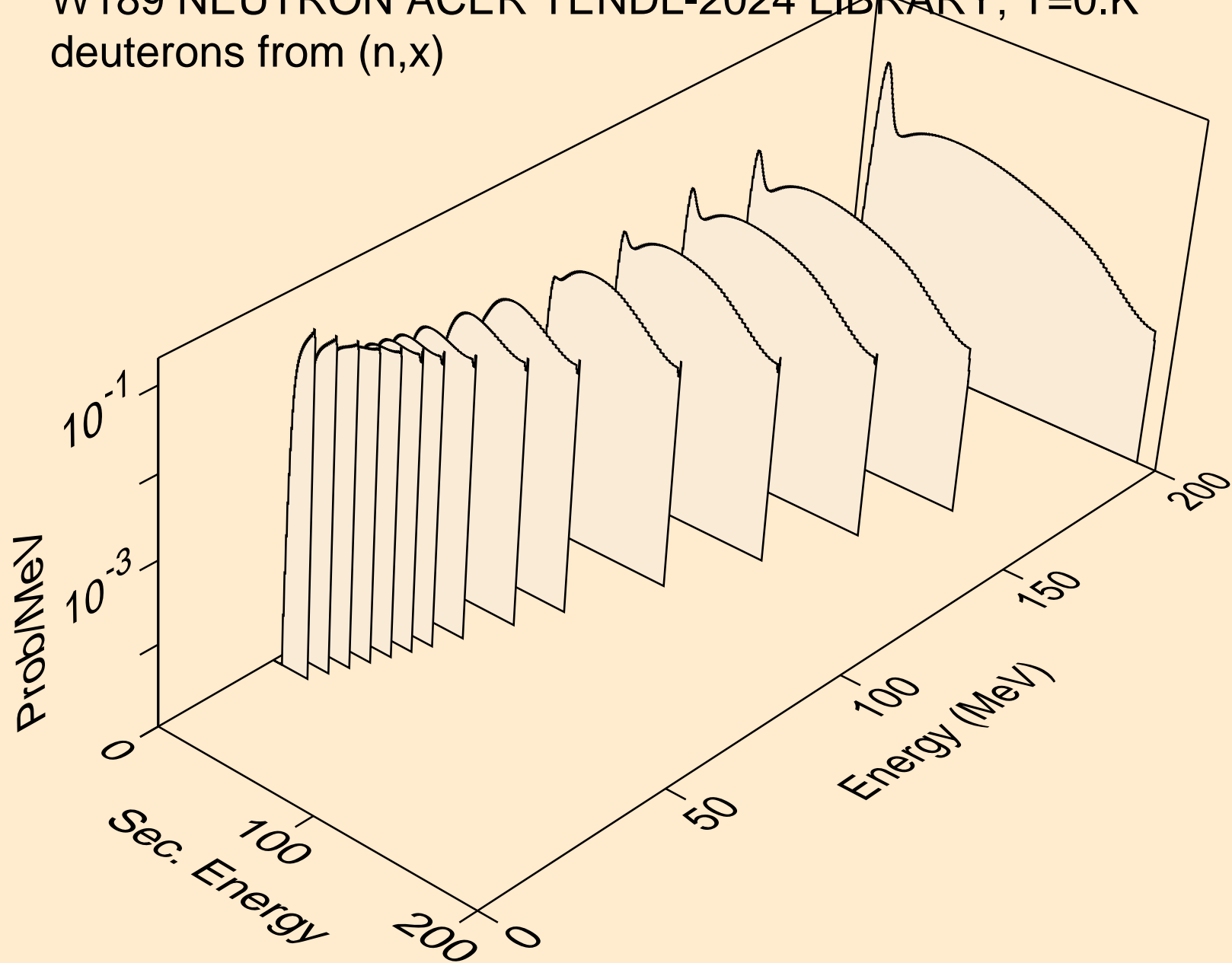




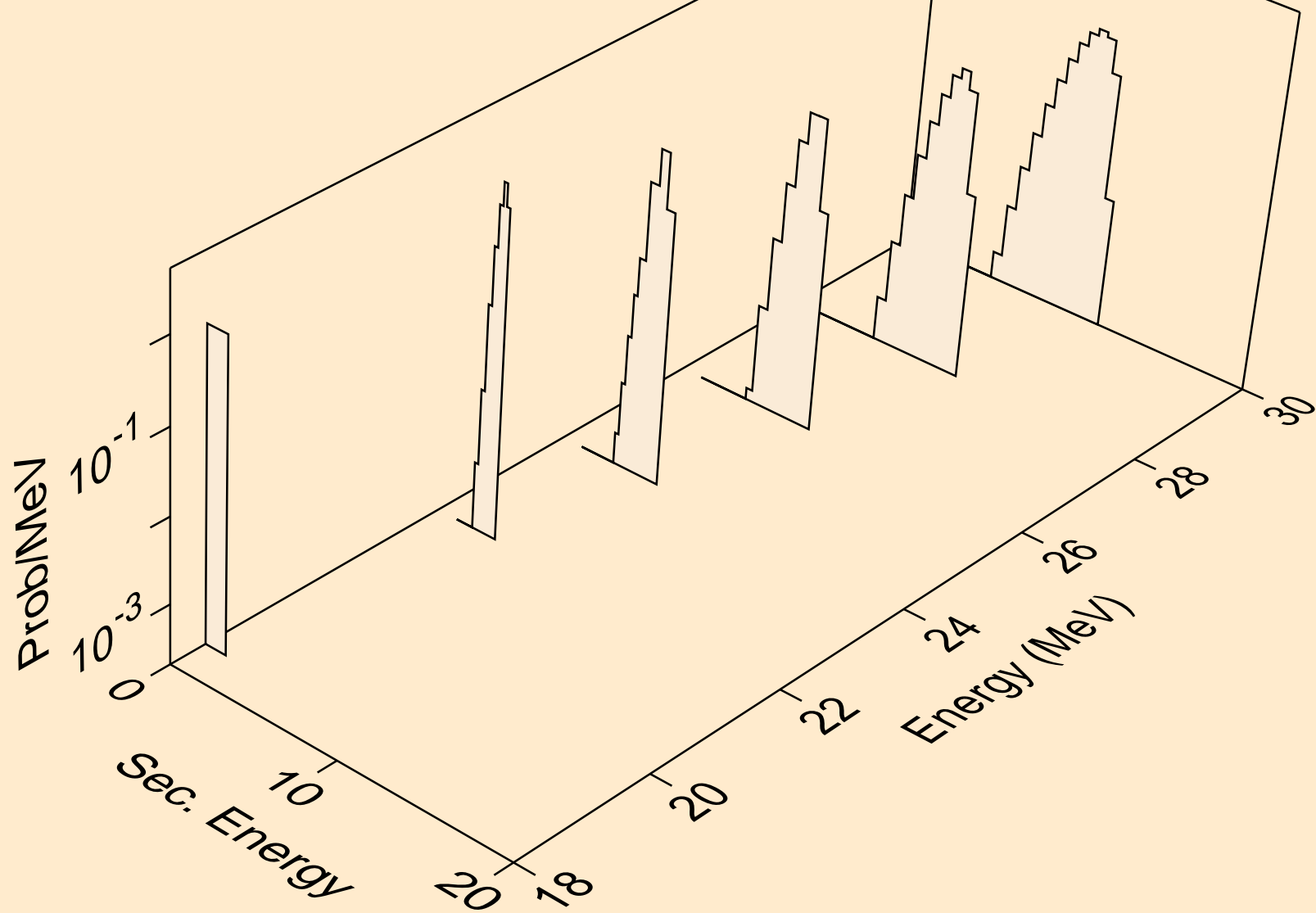
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



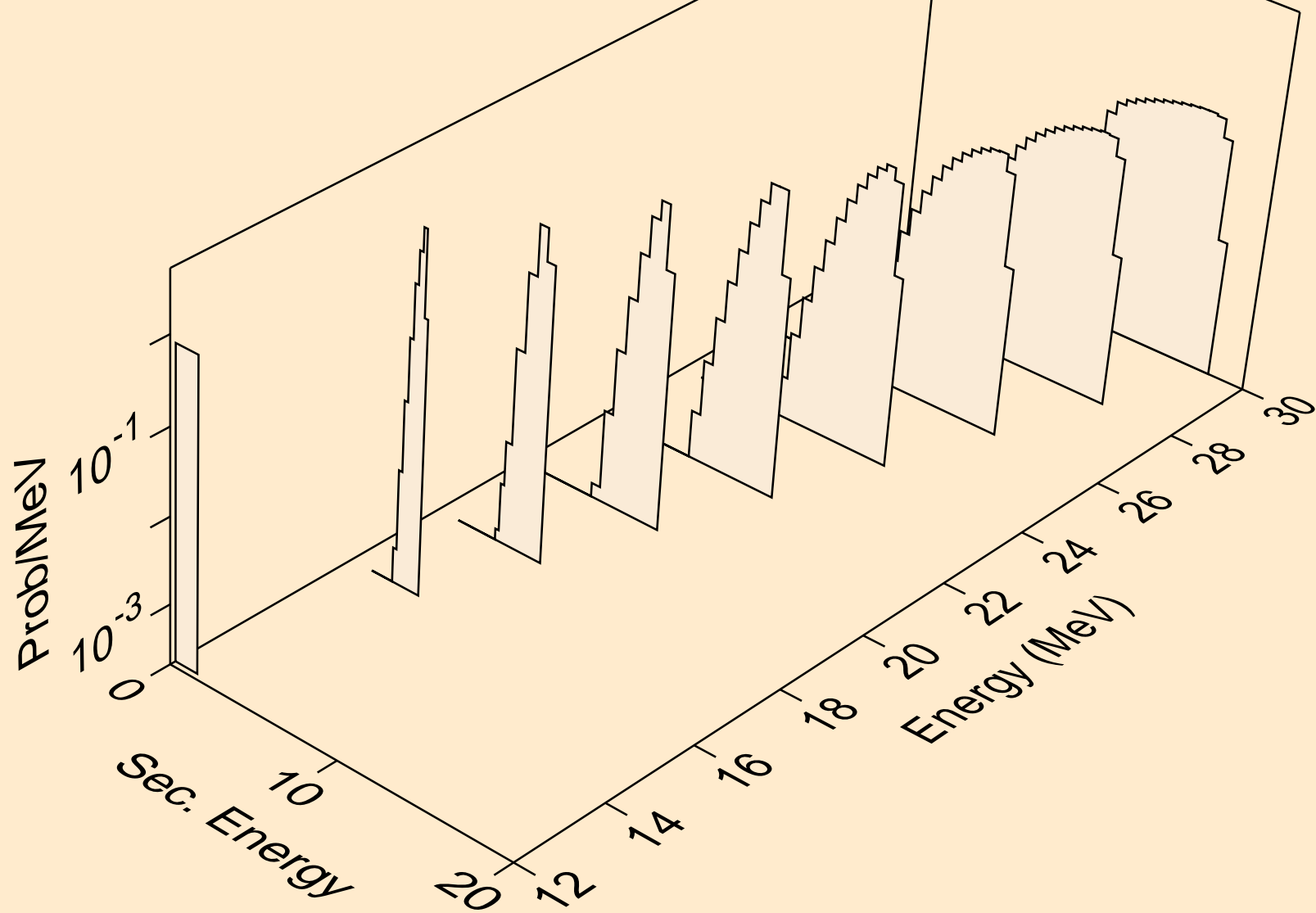
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



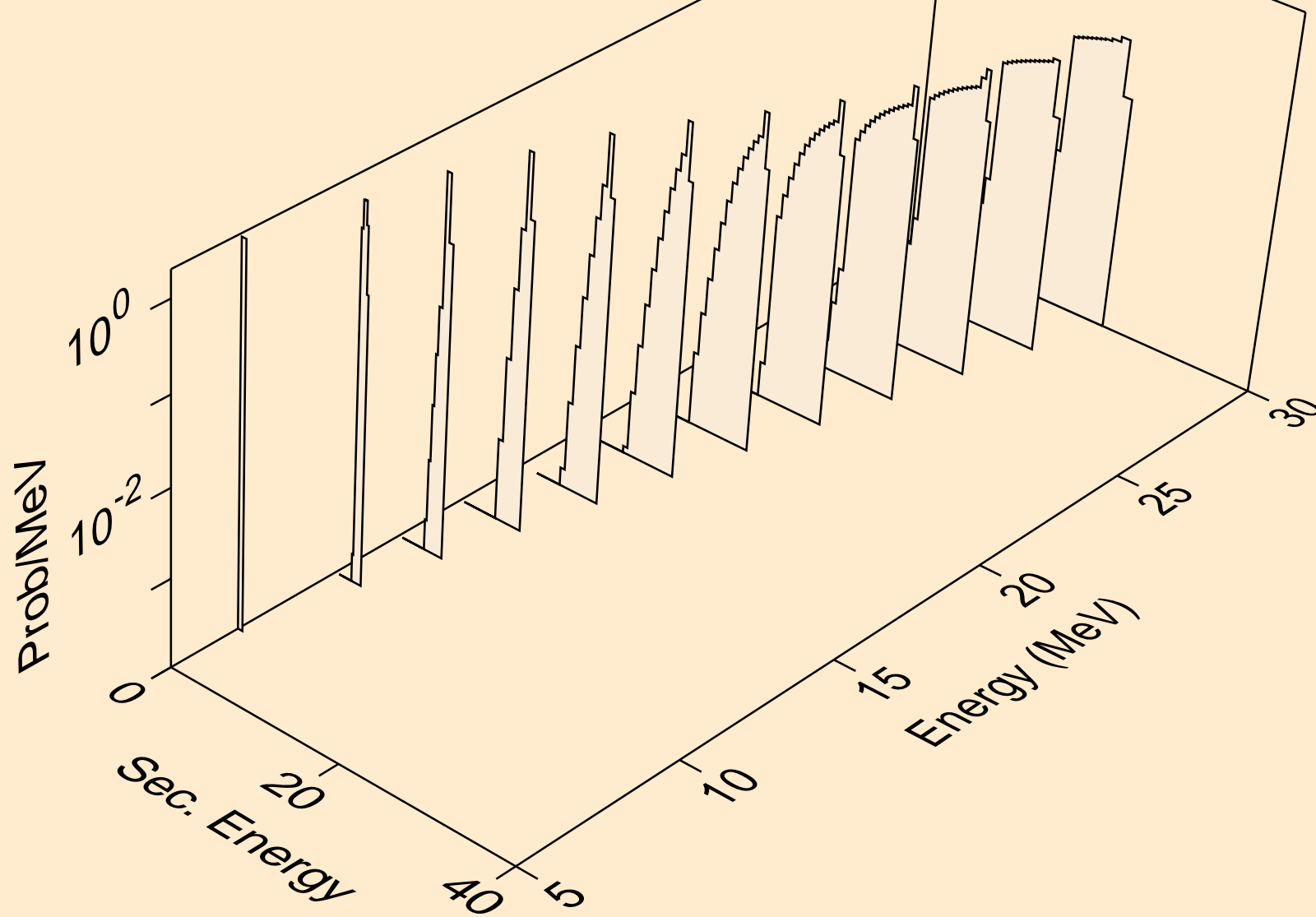
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



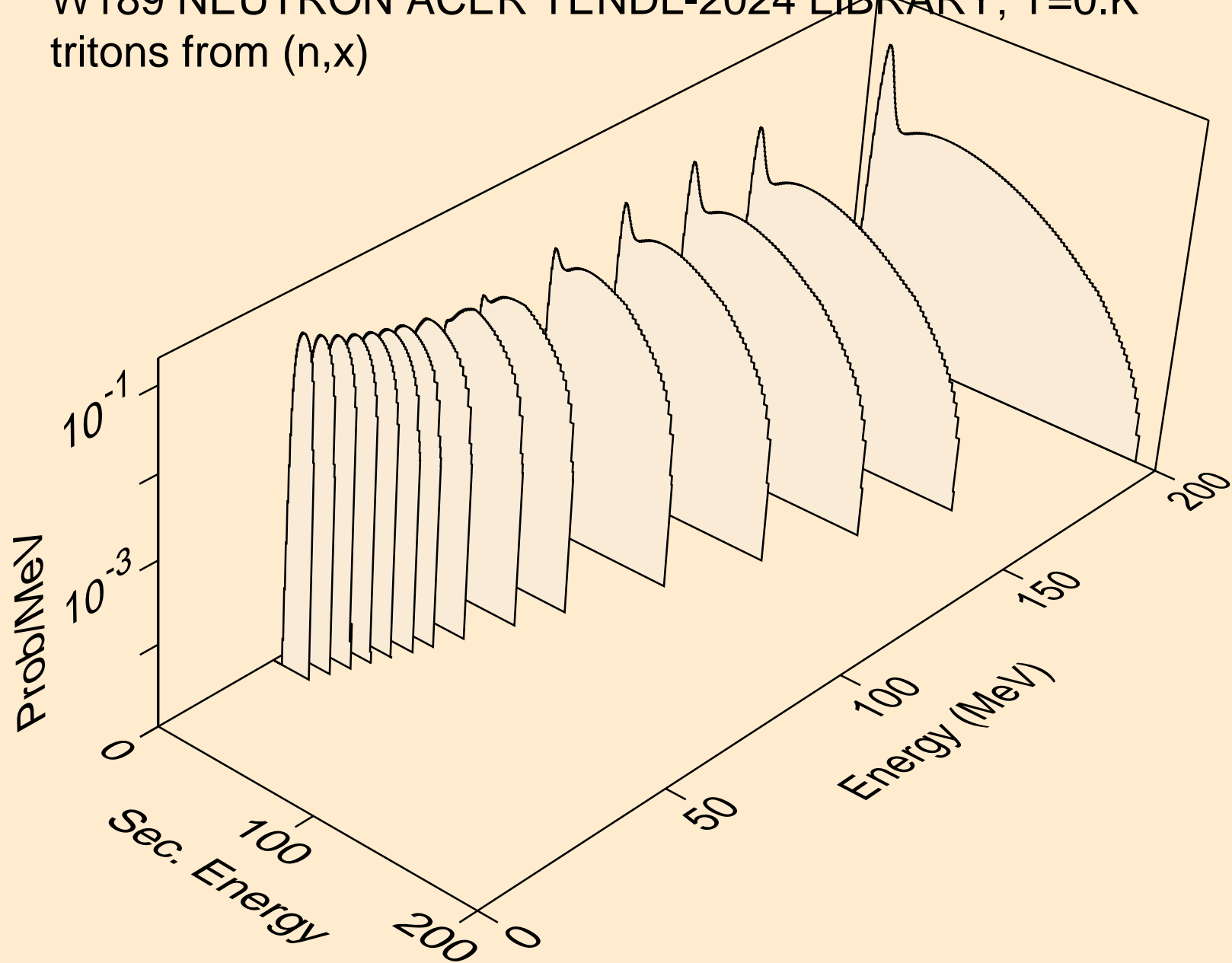
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



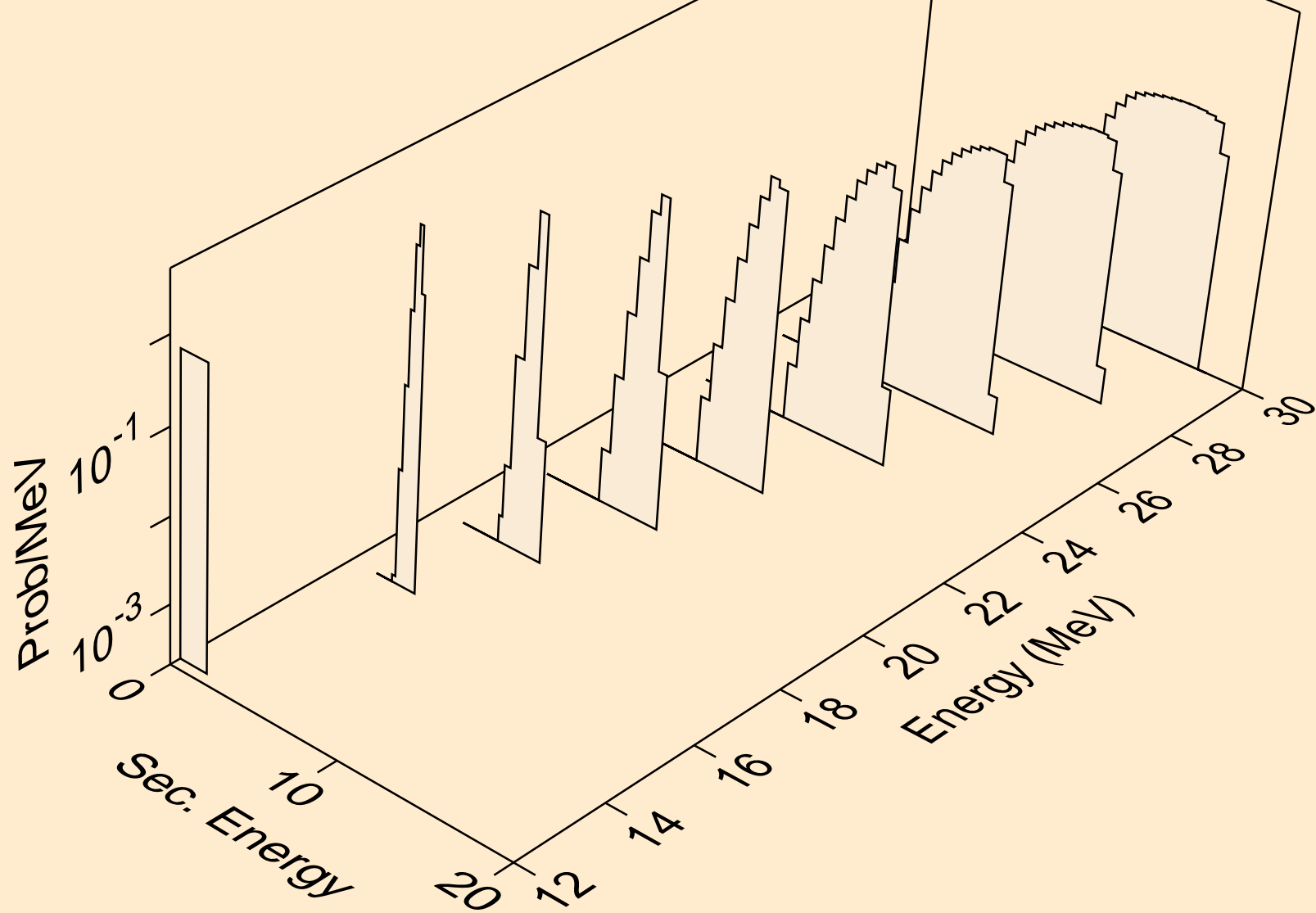
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



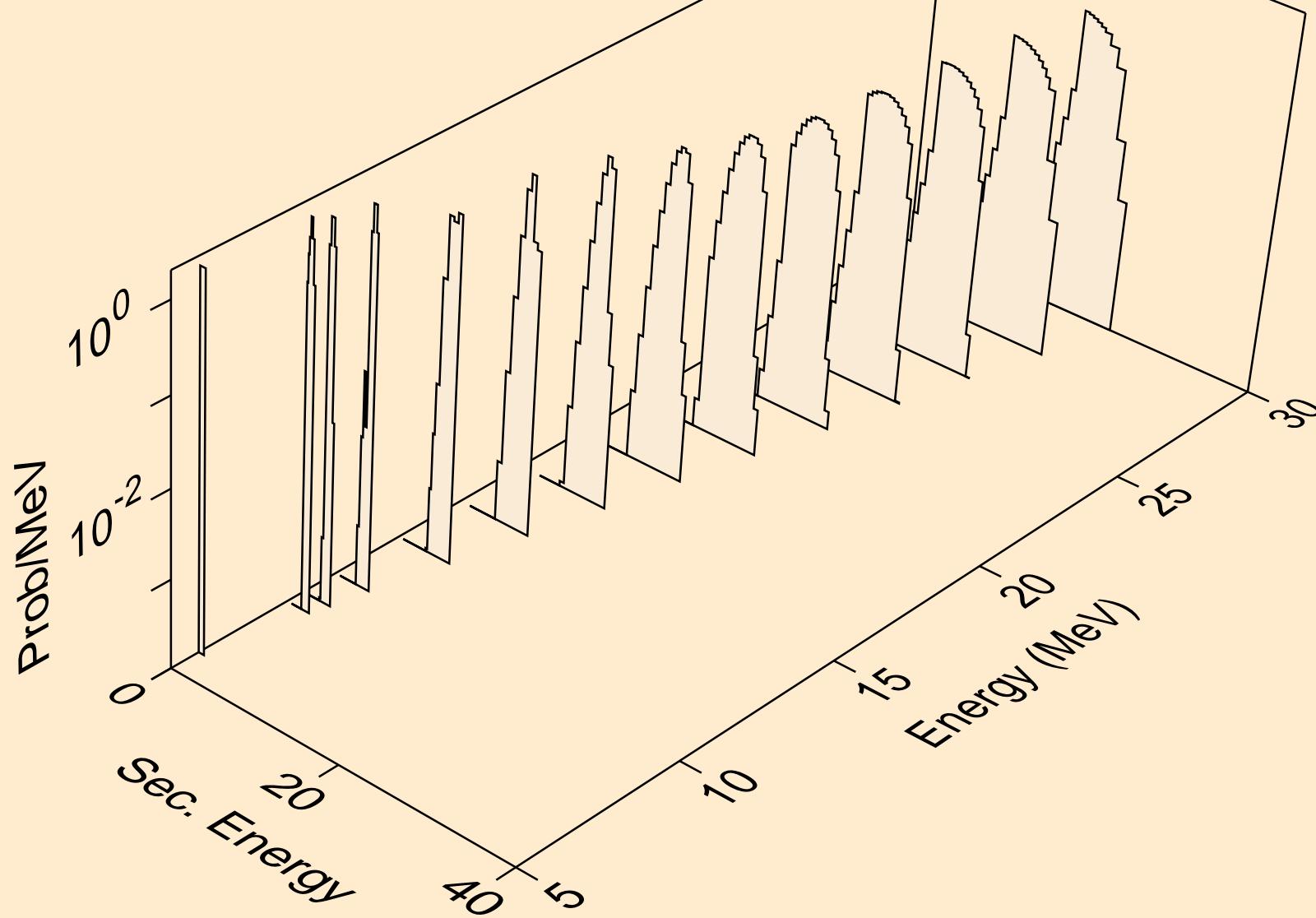
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

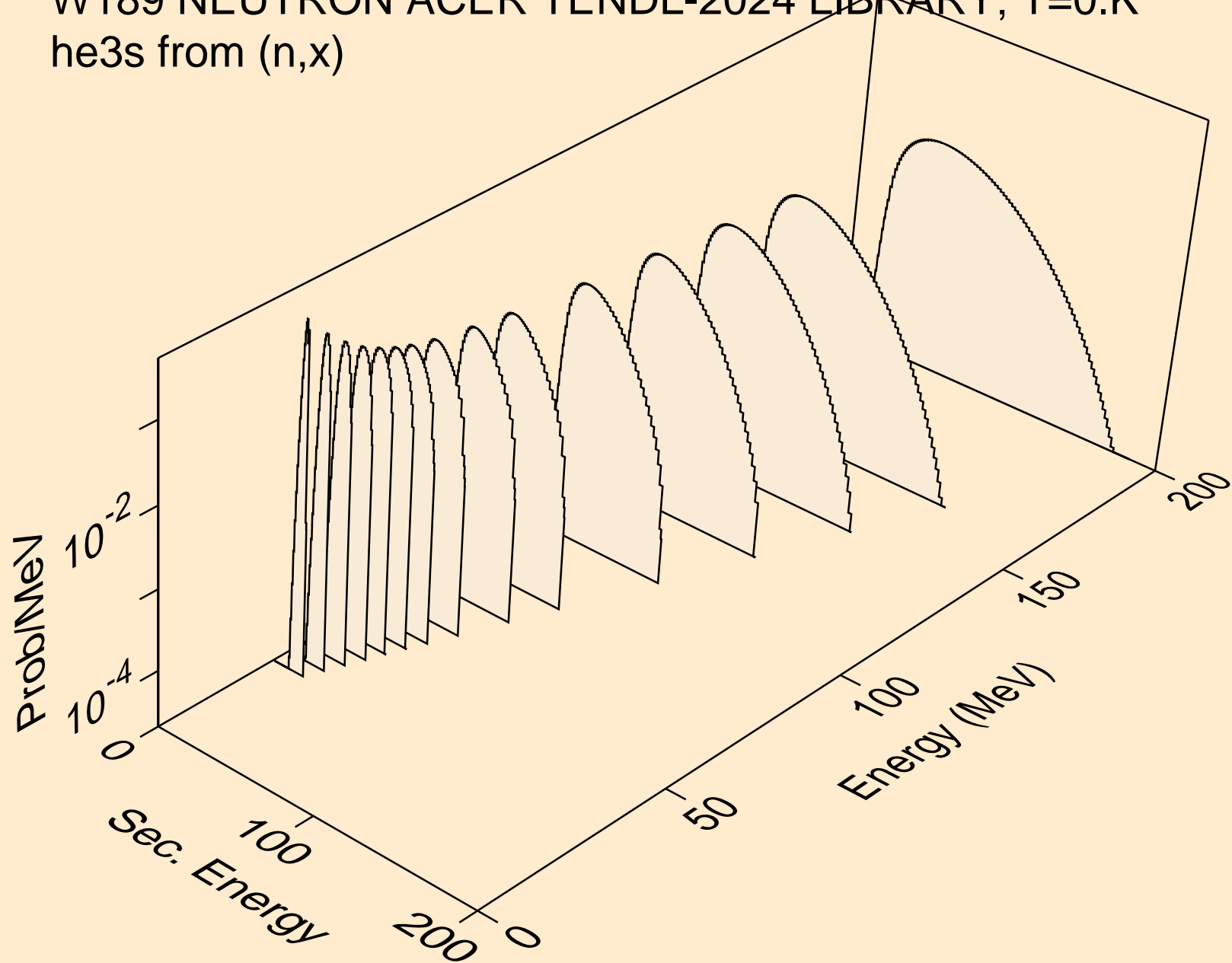


W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

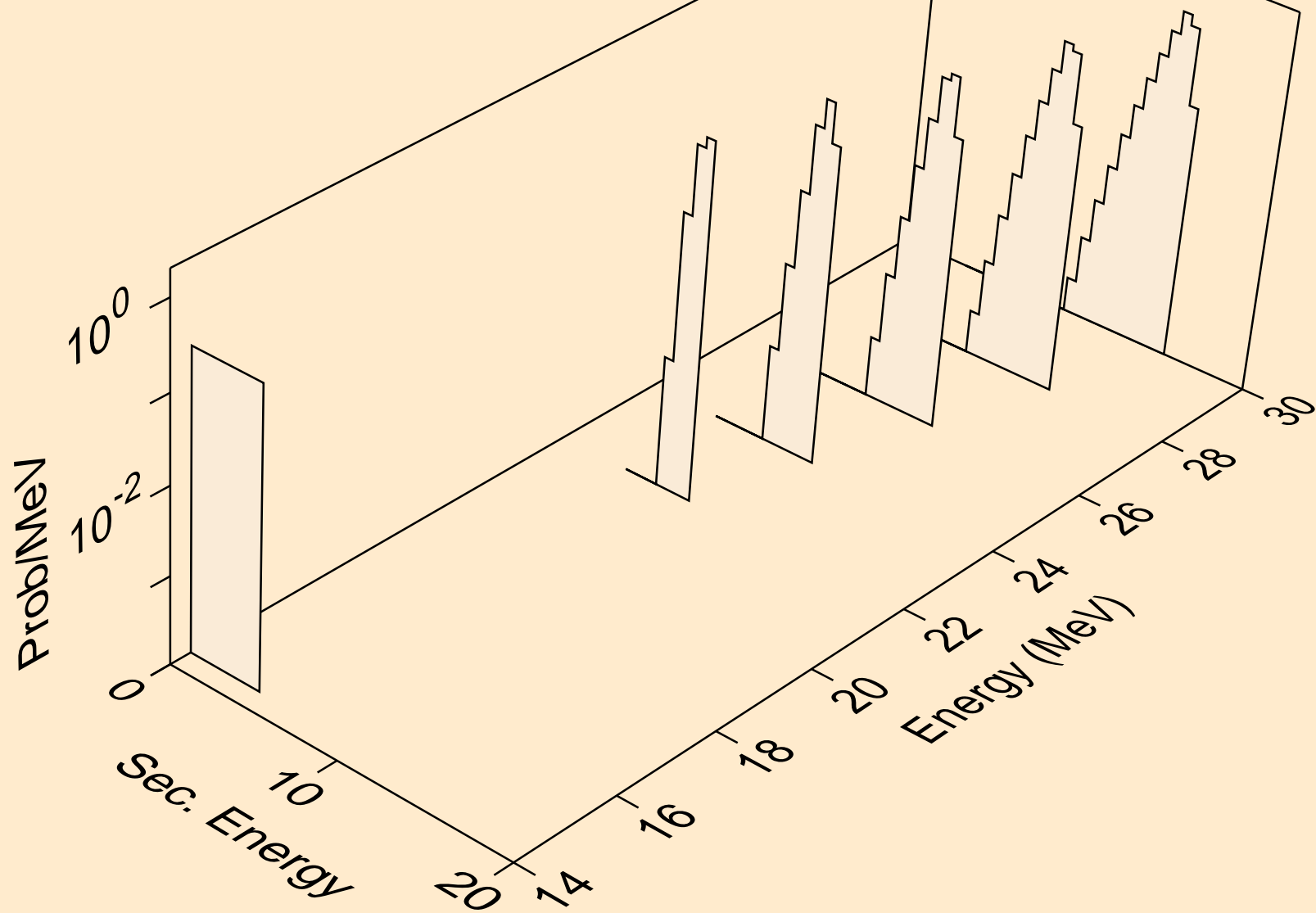




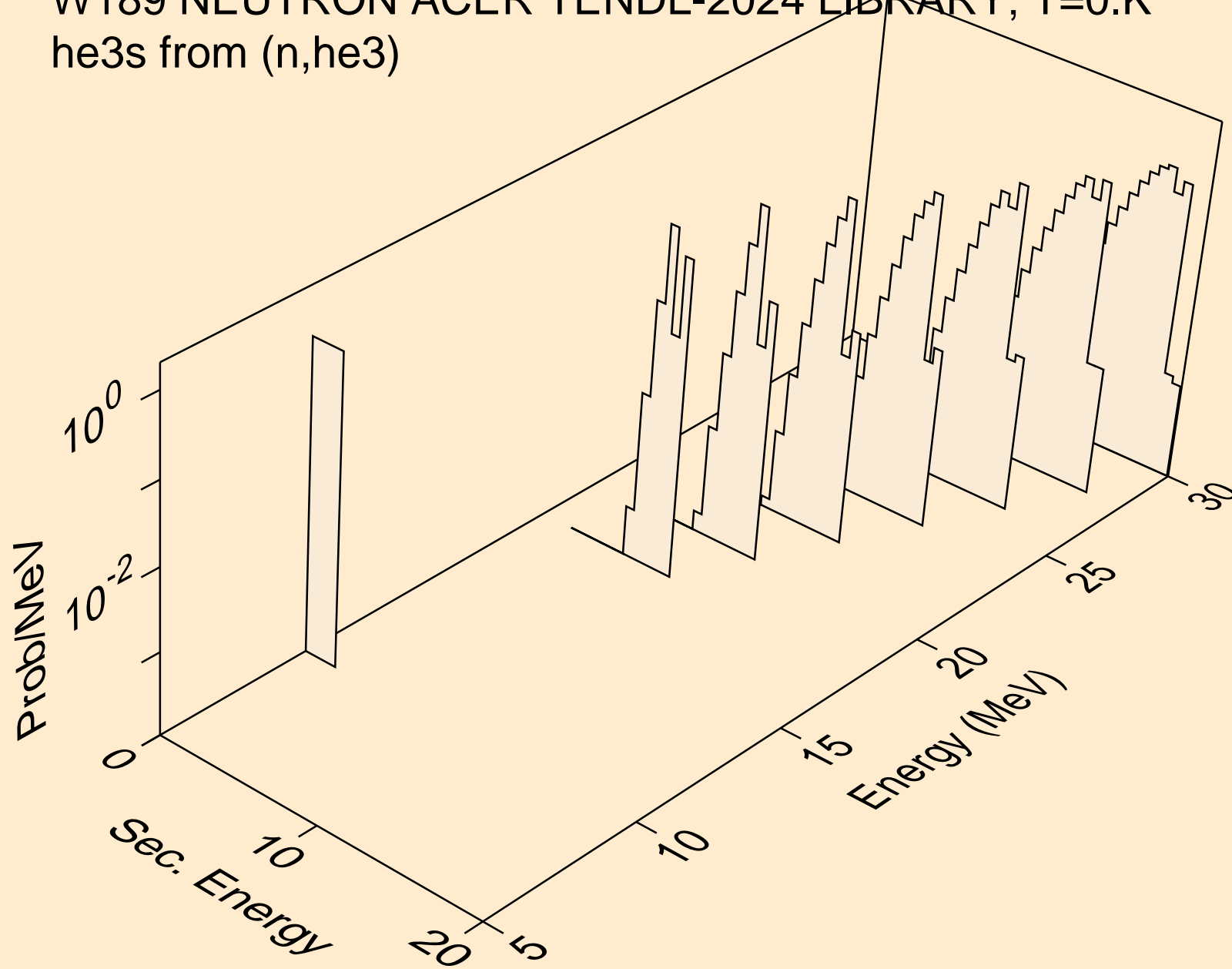
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



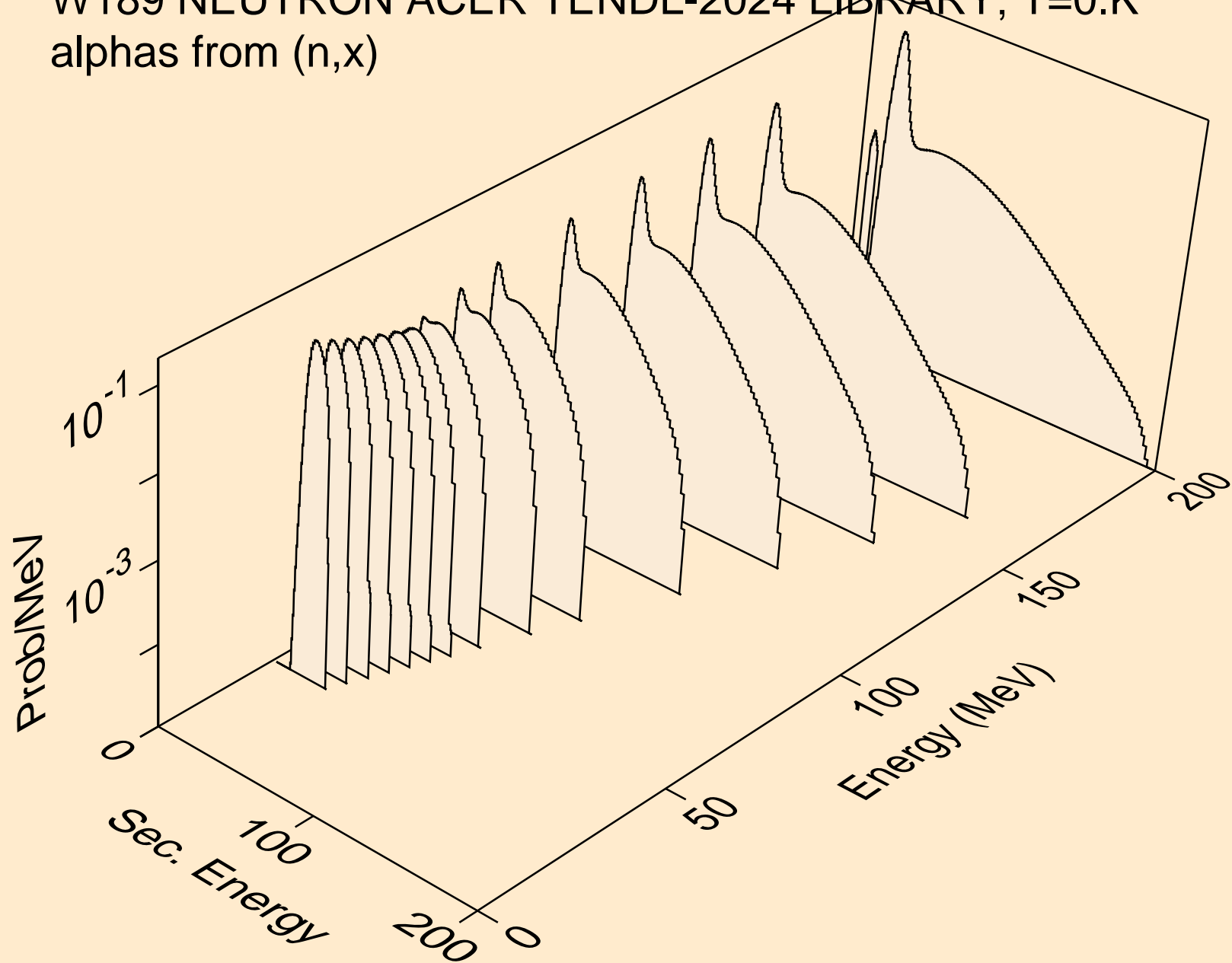
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



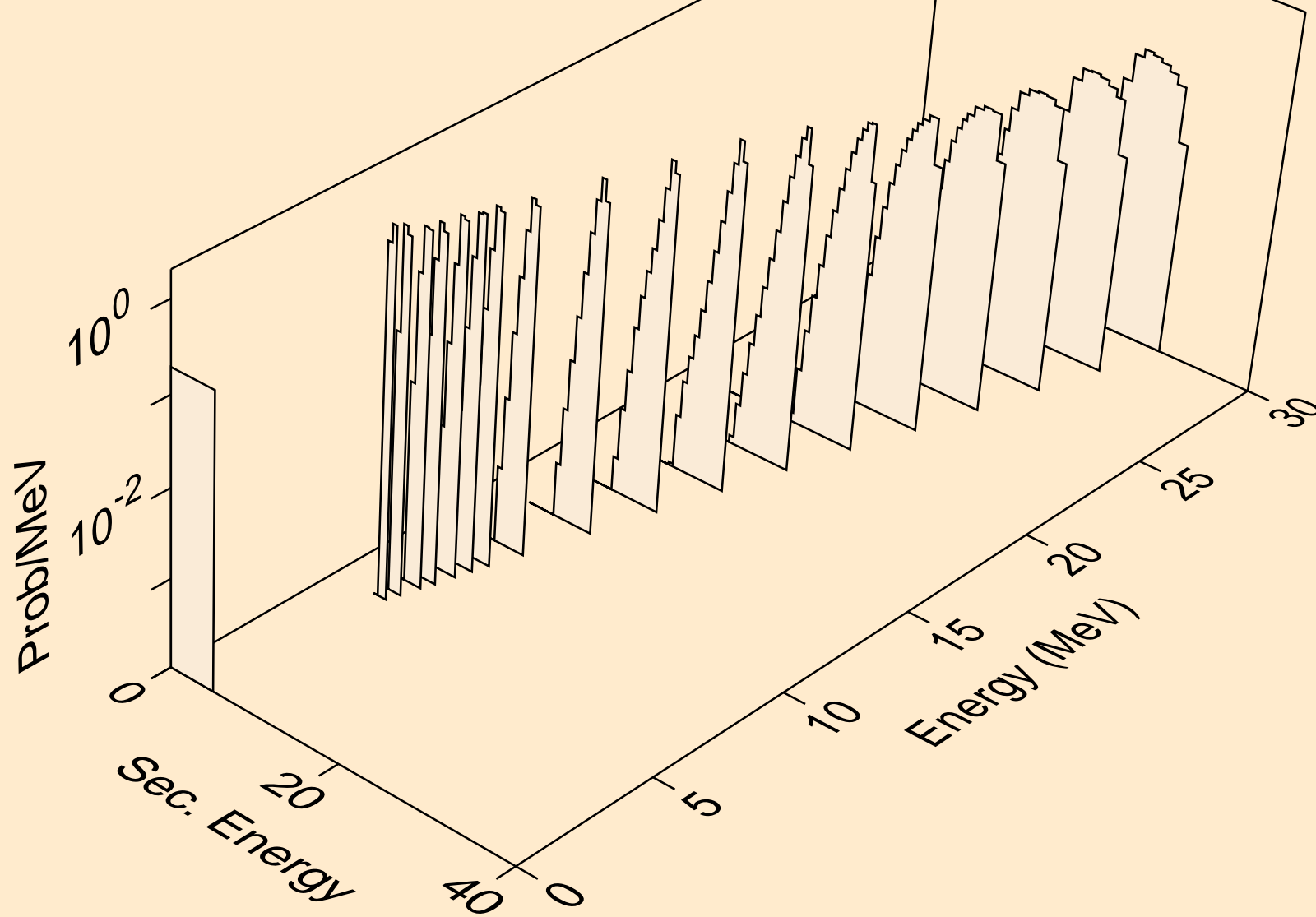
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



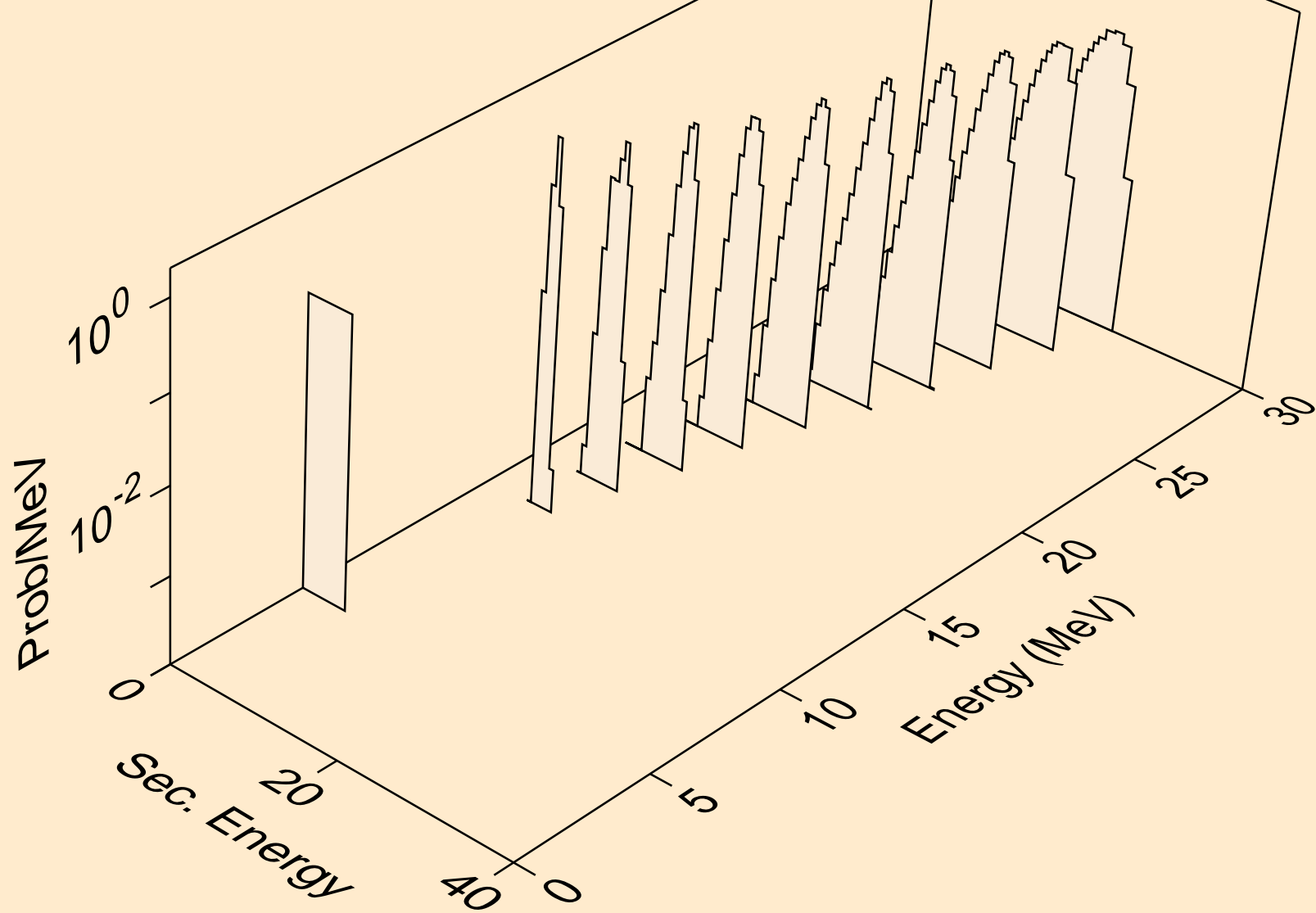
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



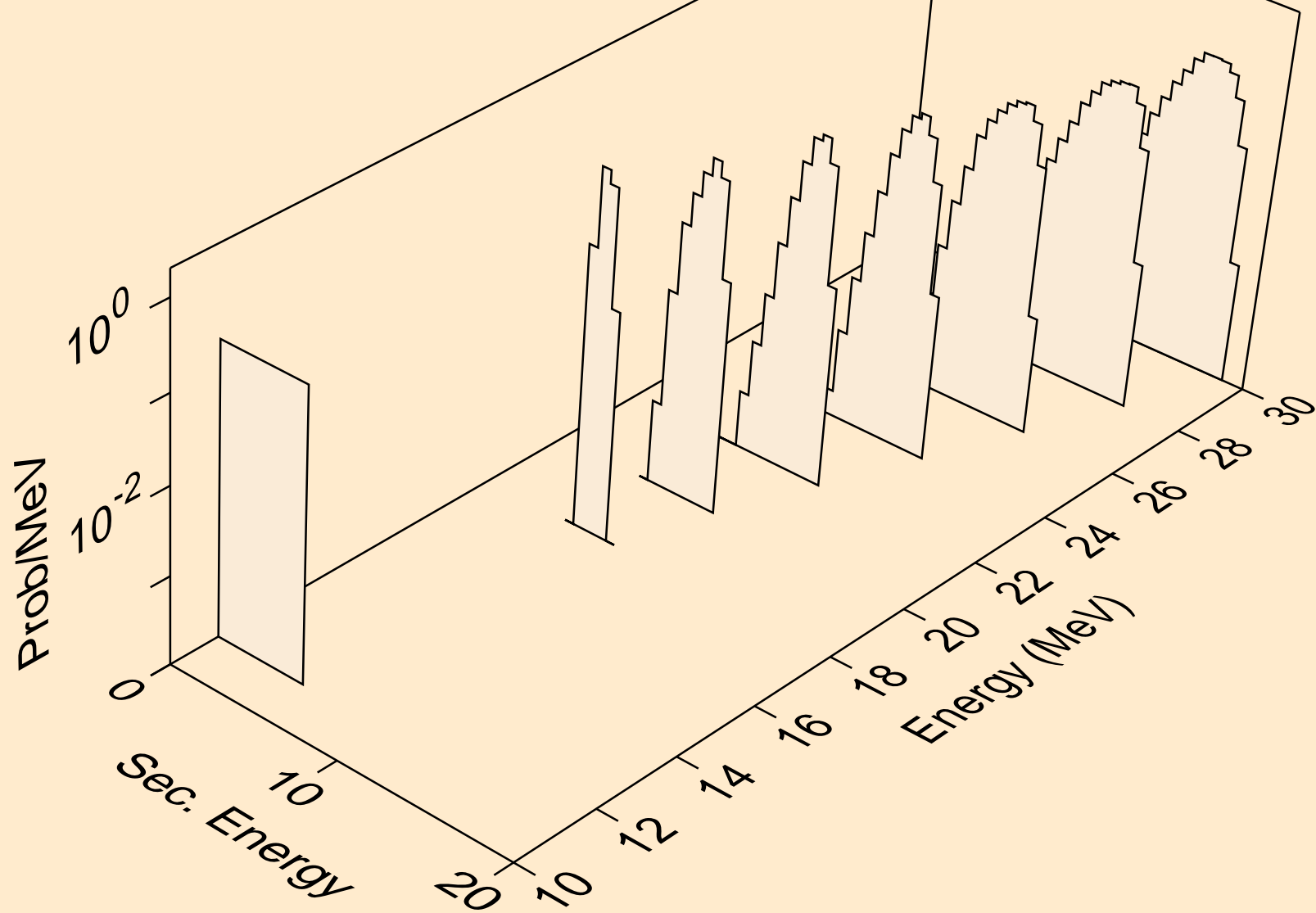
W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



W189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

