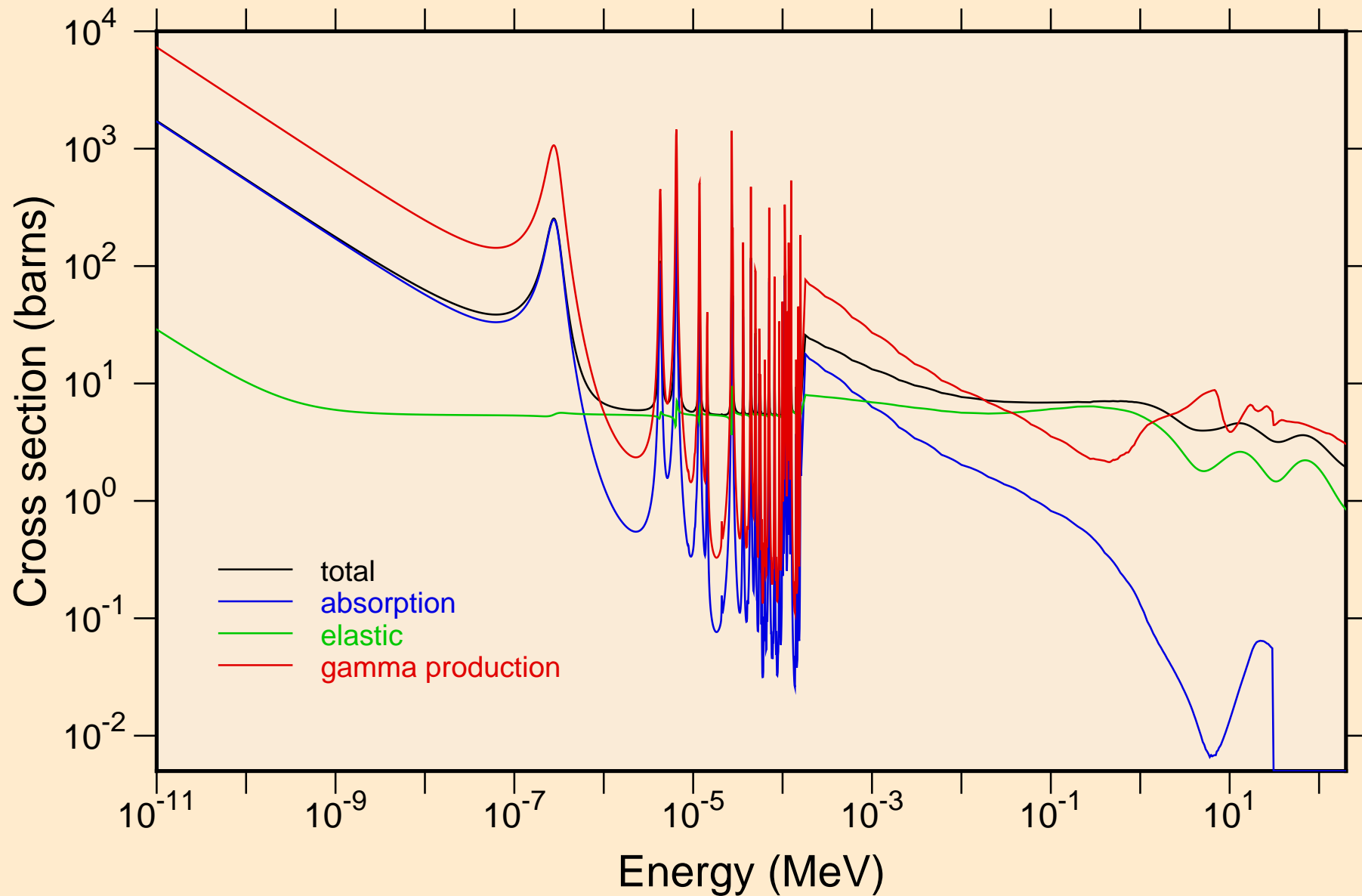
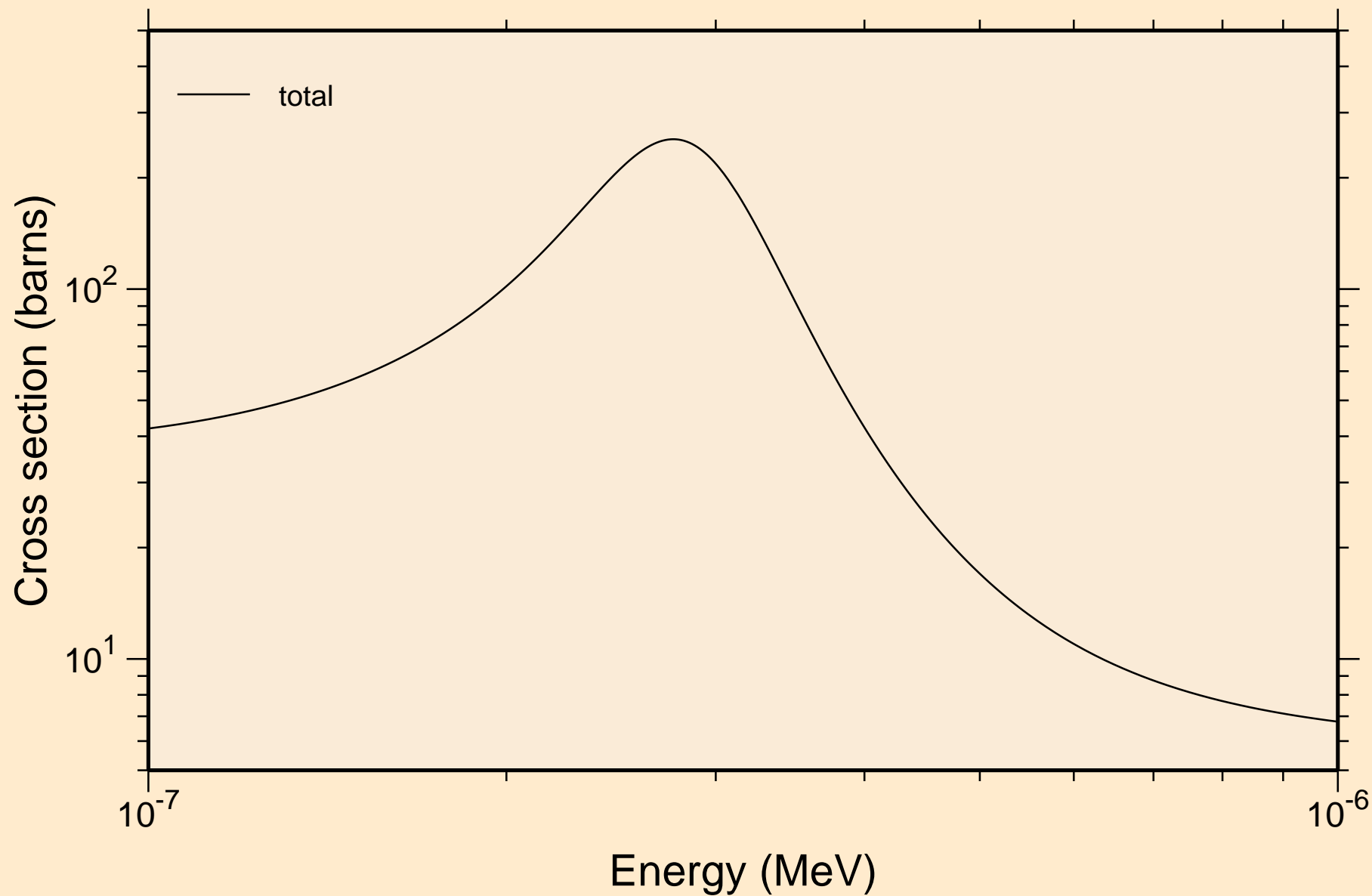


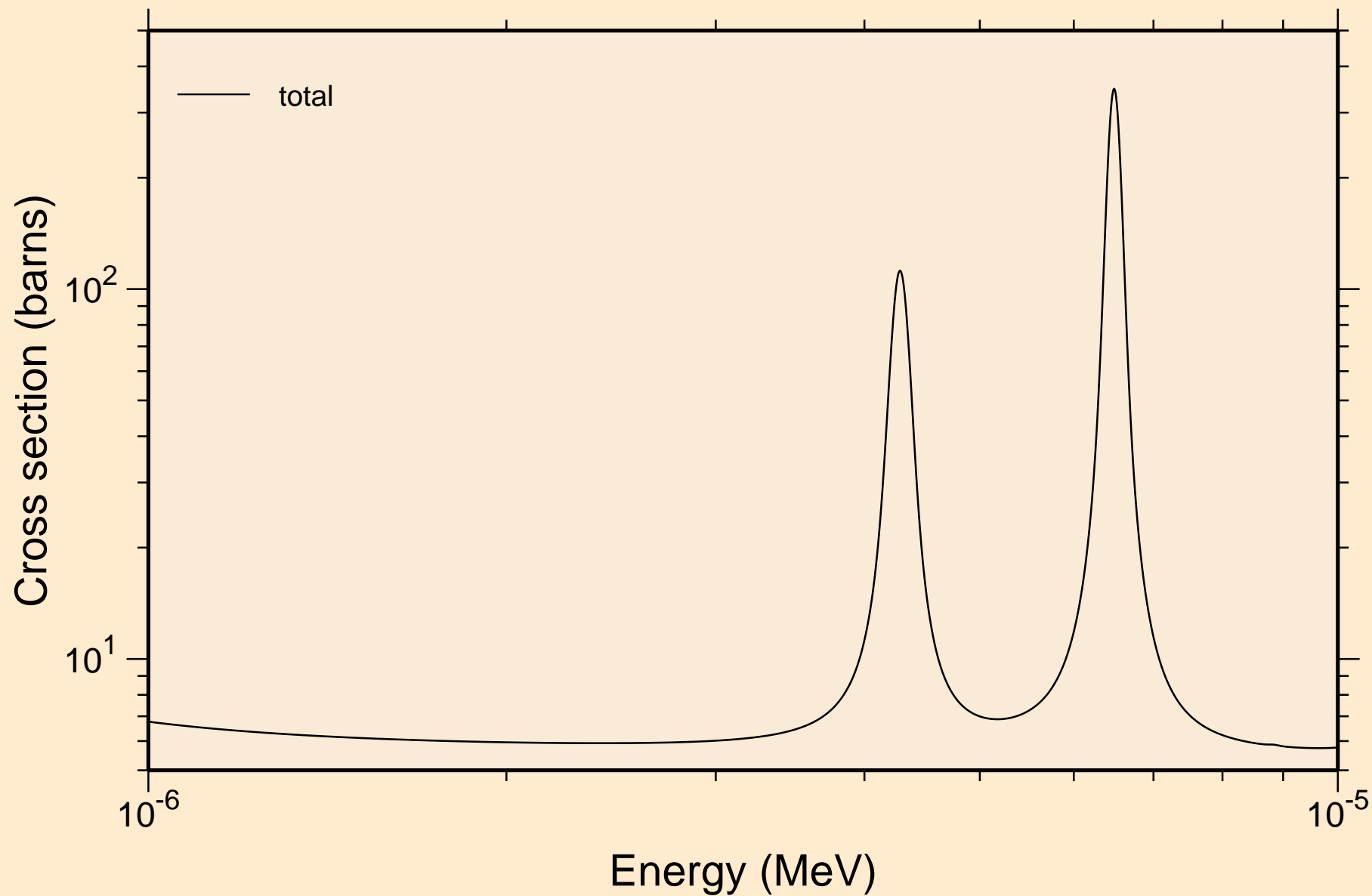
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



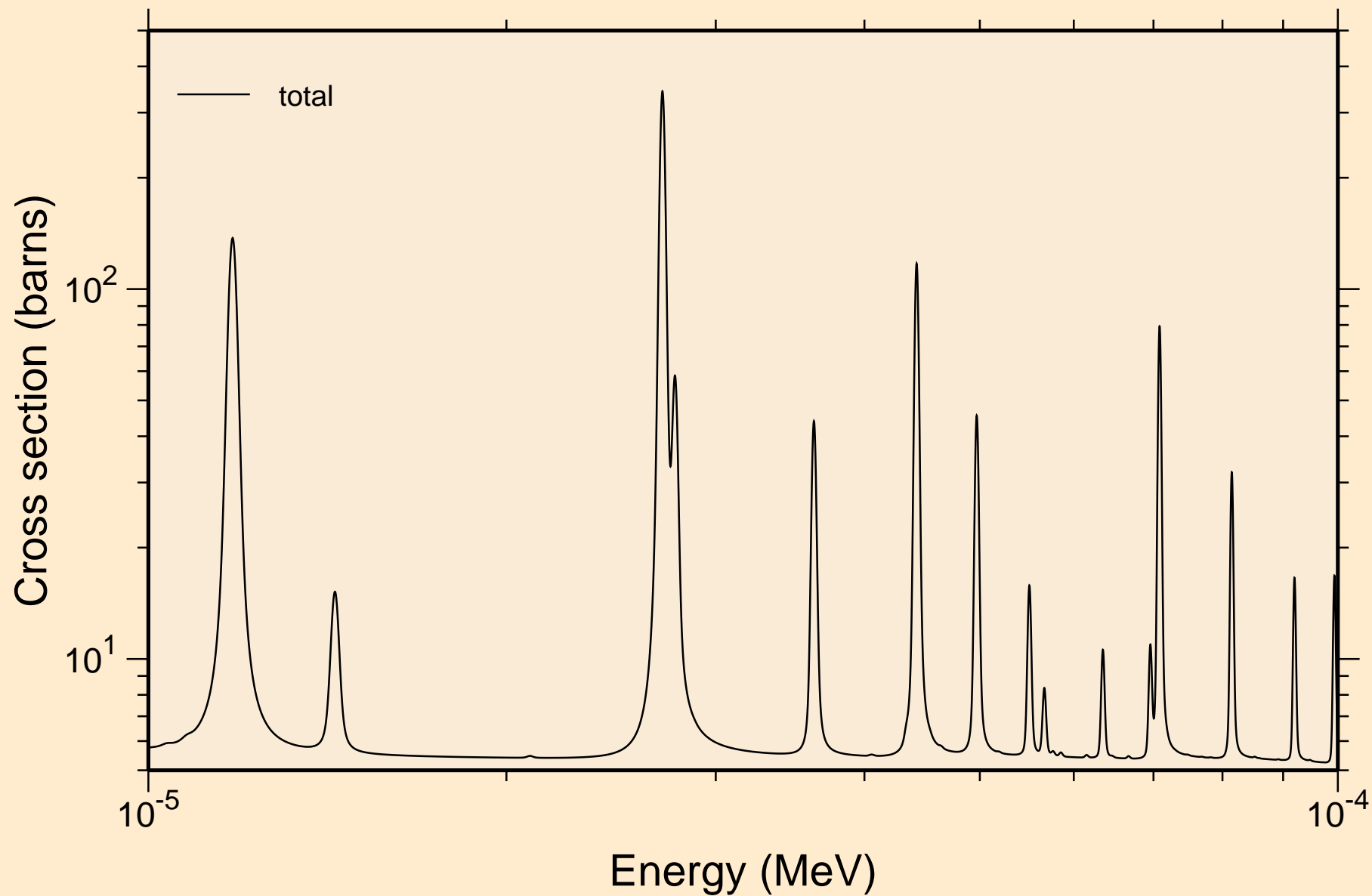
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



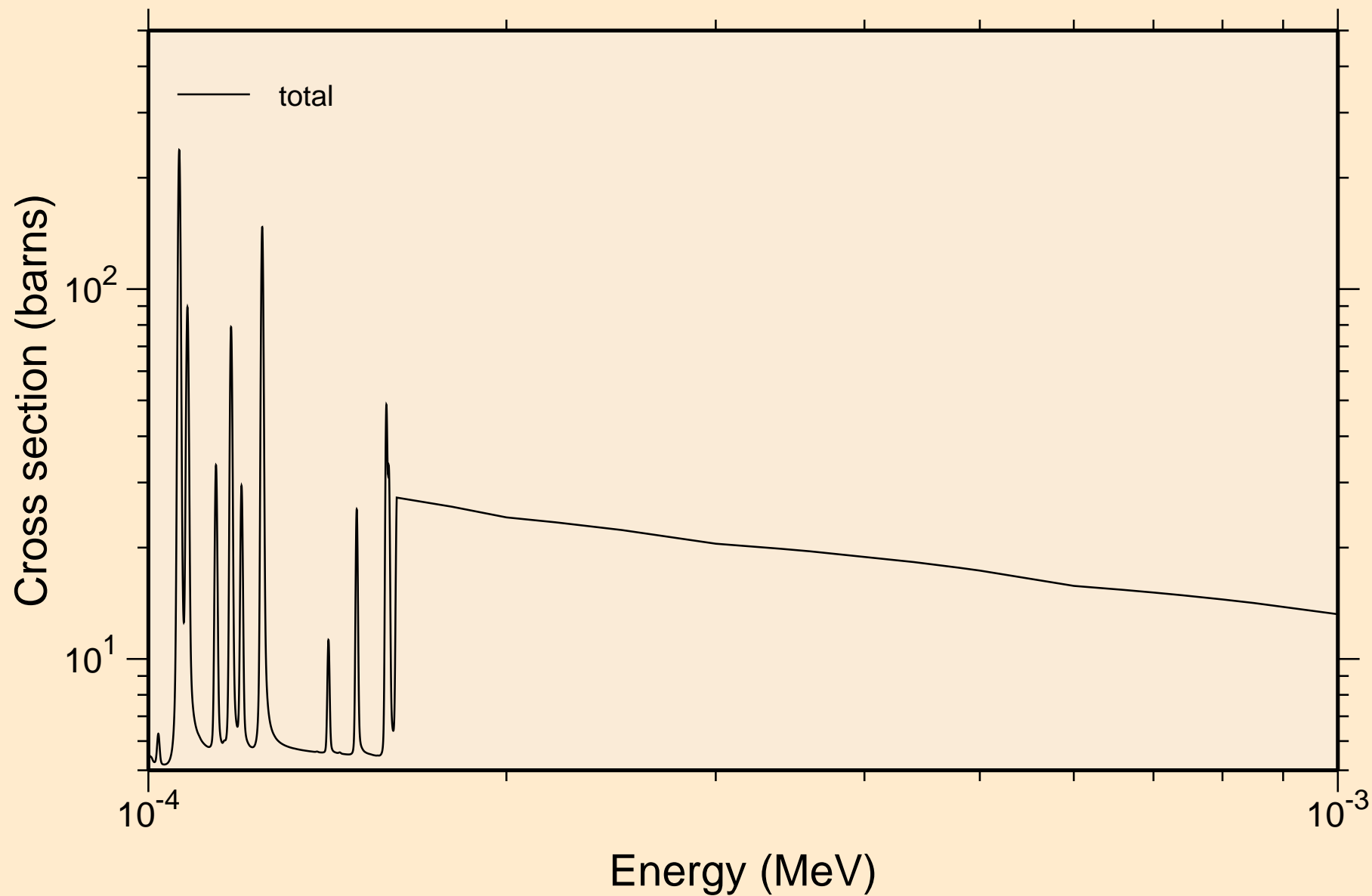
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



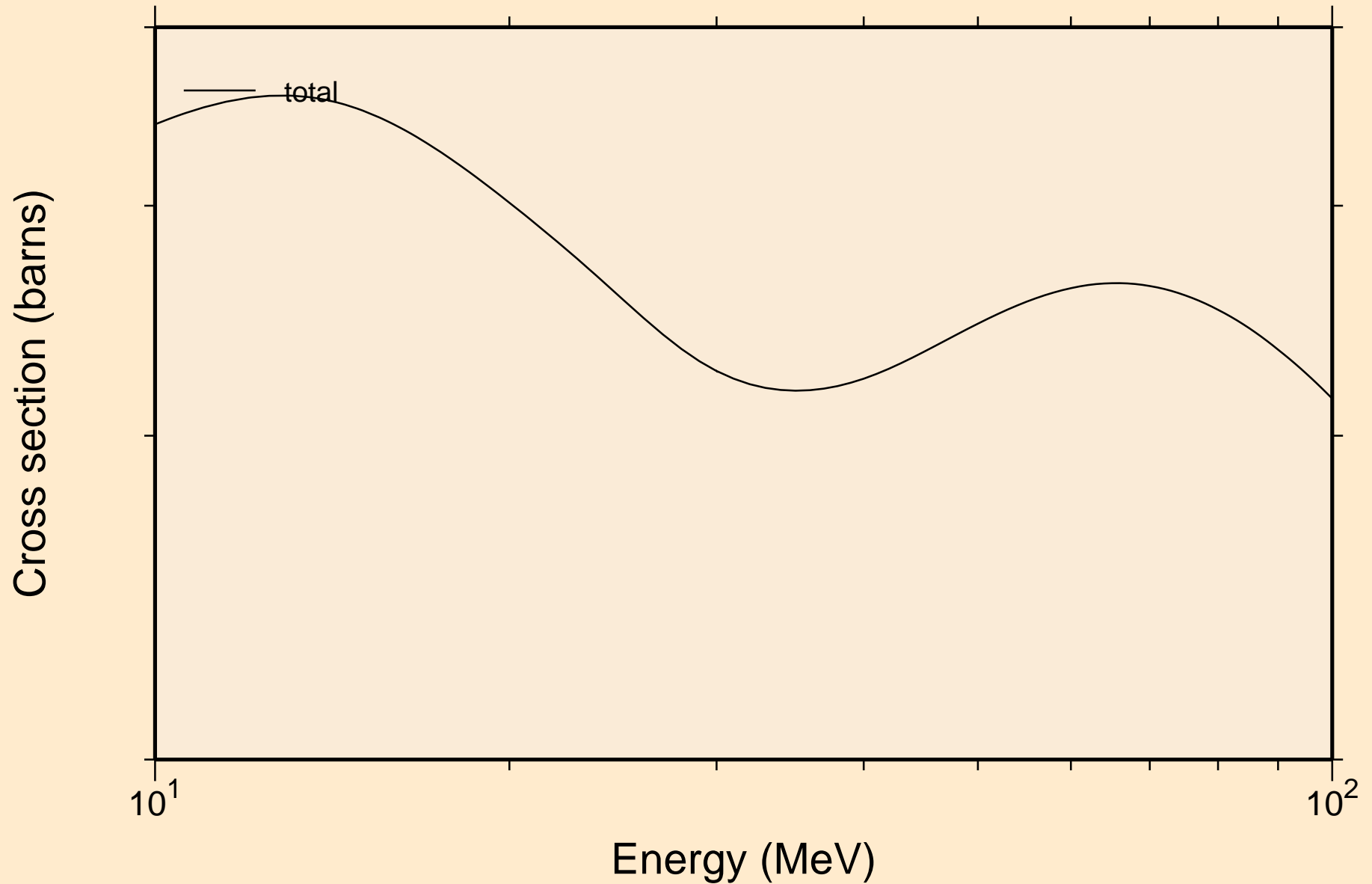
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



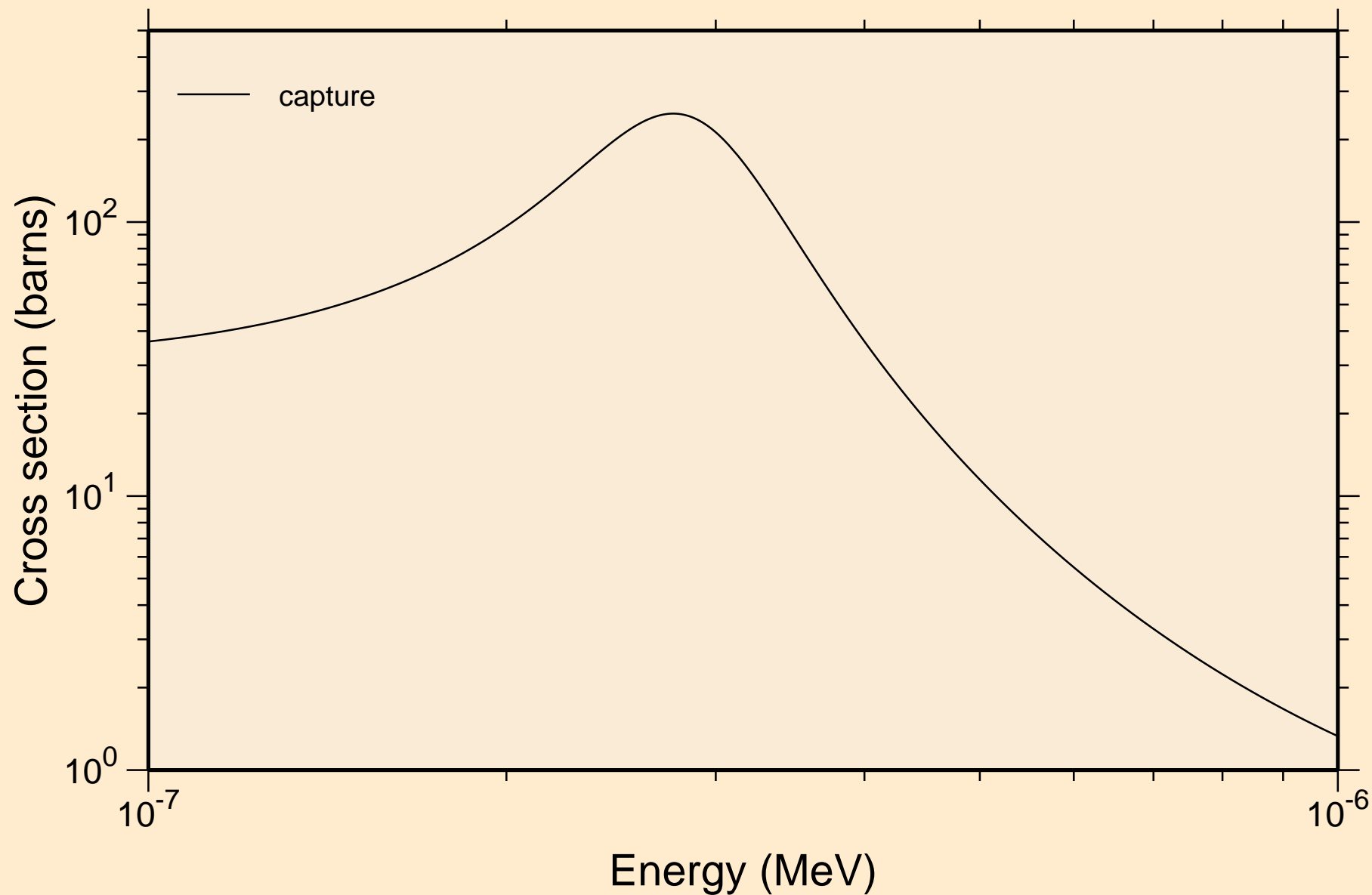
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



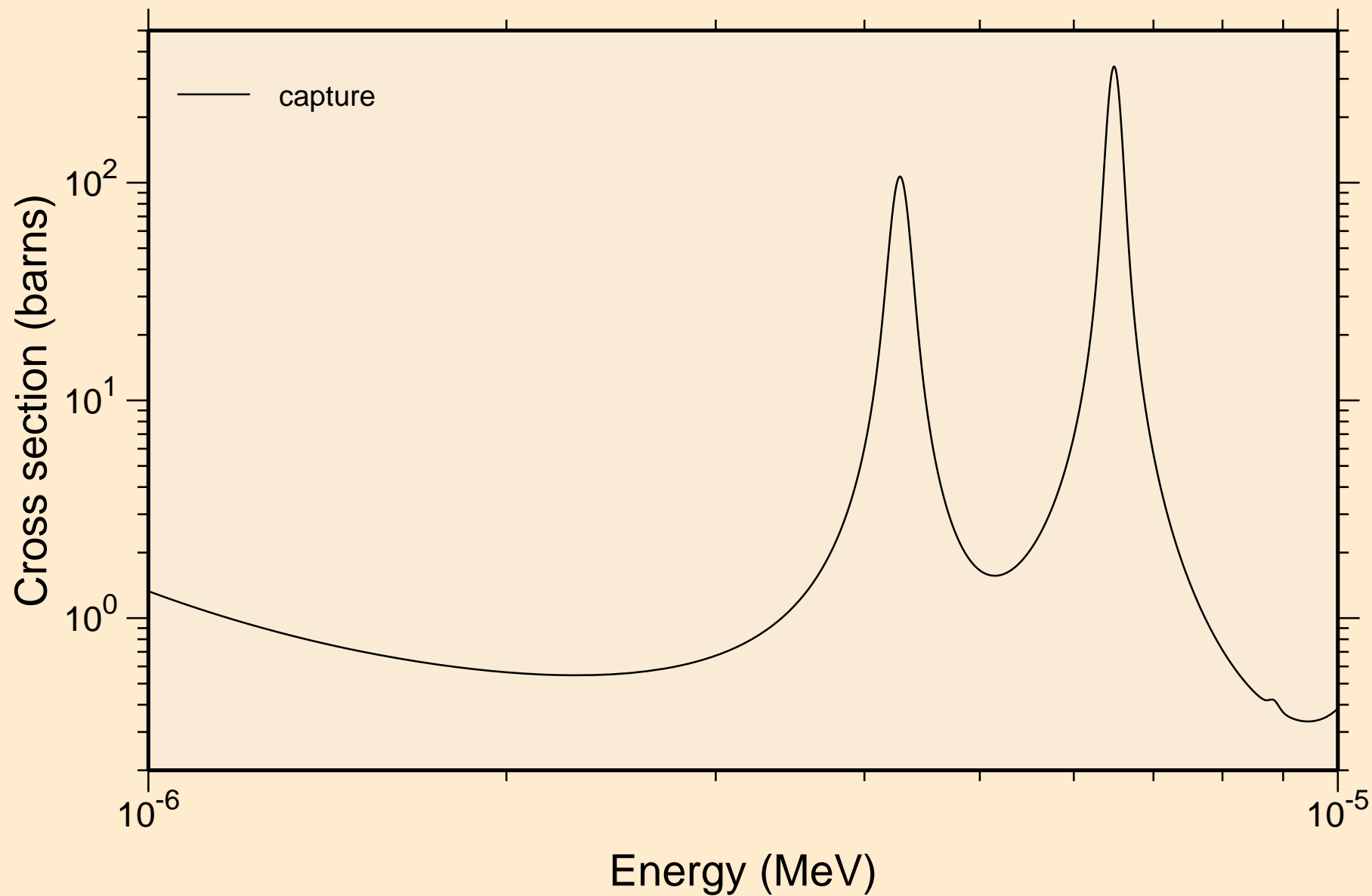
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

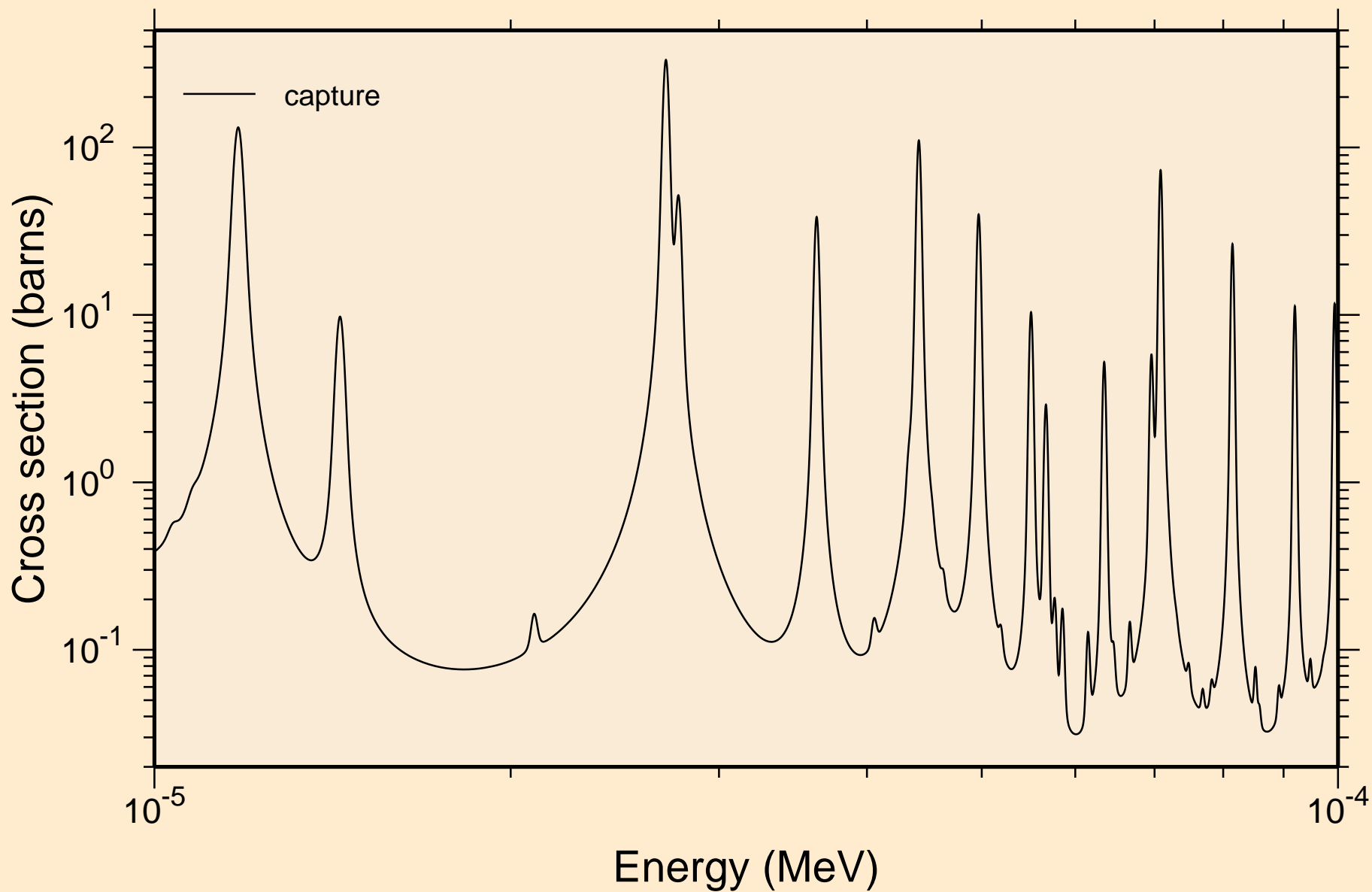


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

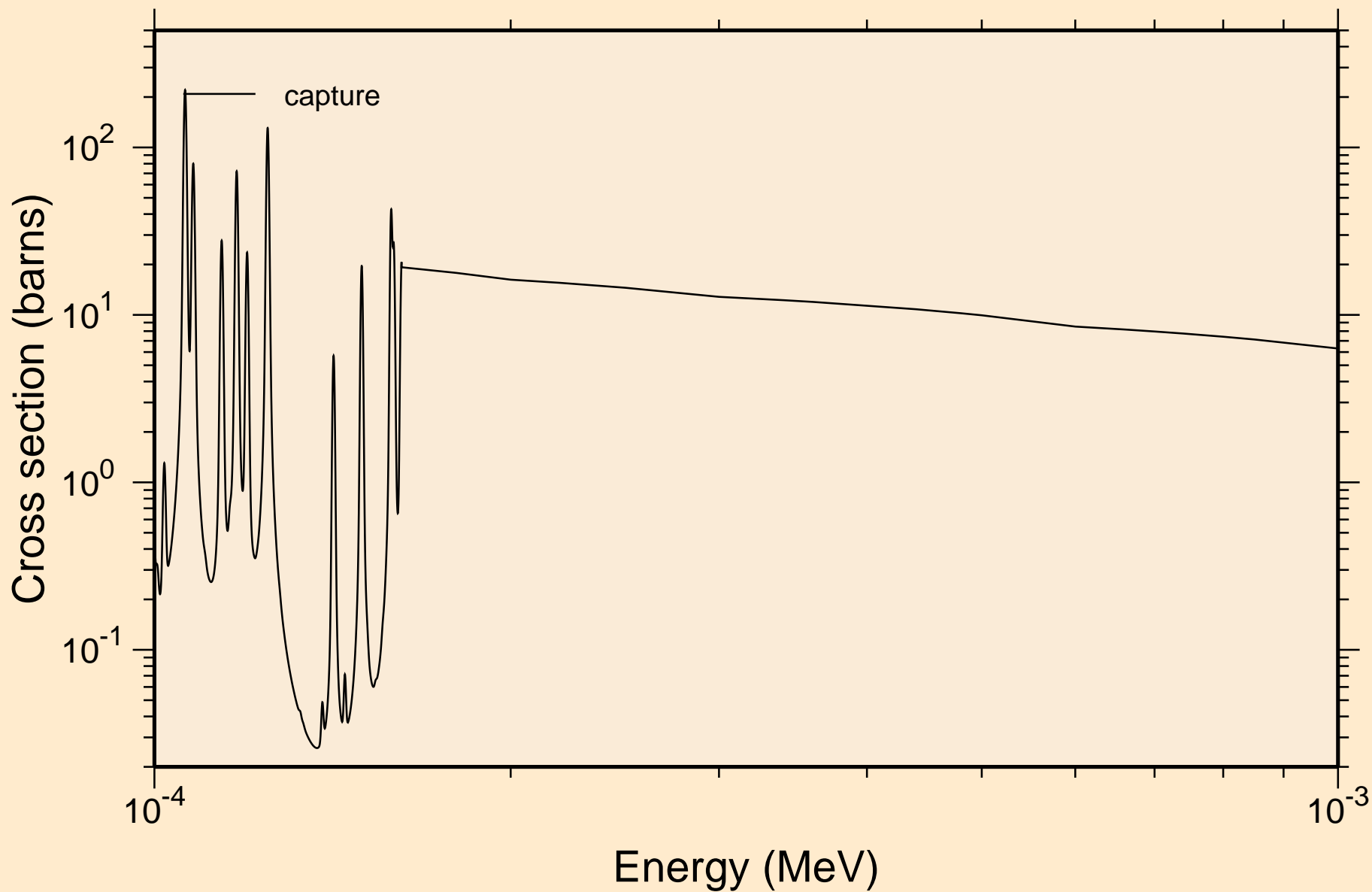




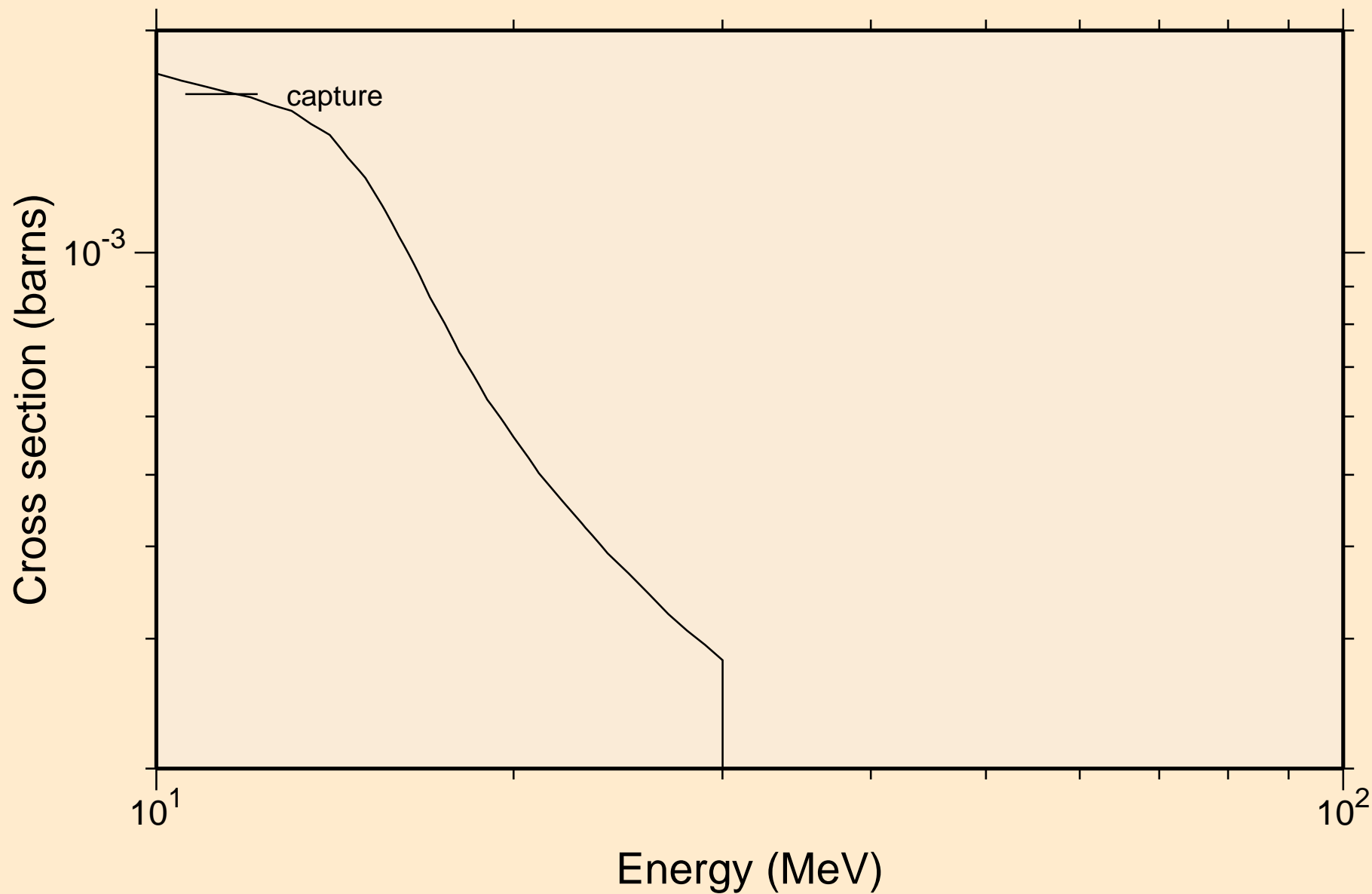
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



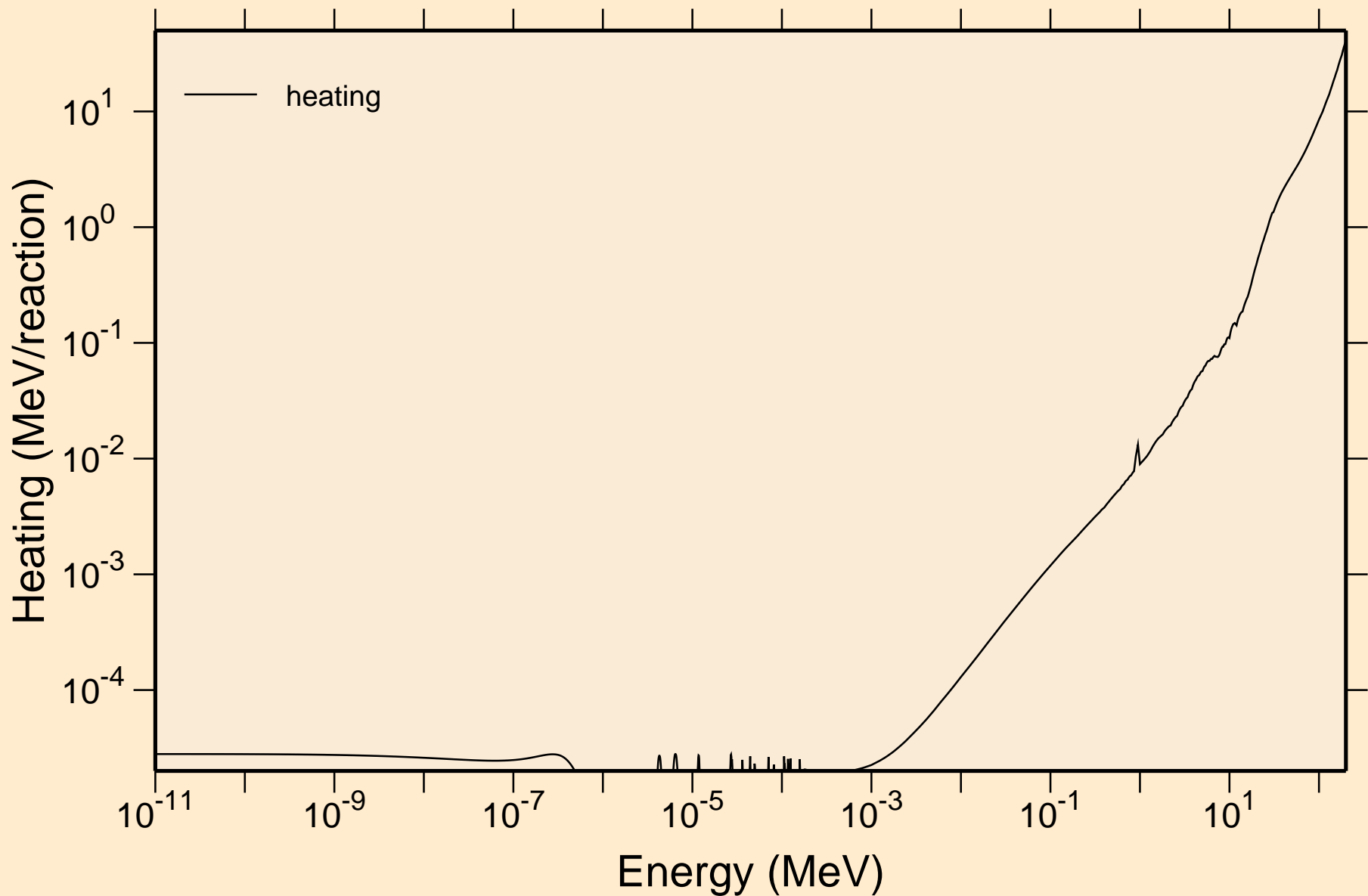
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



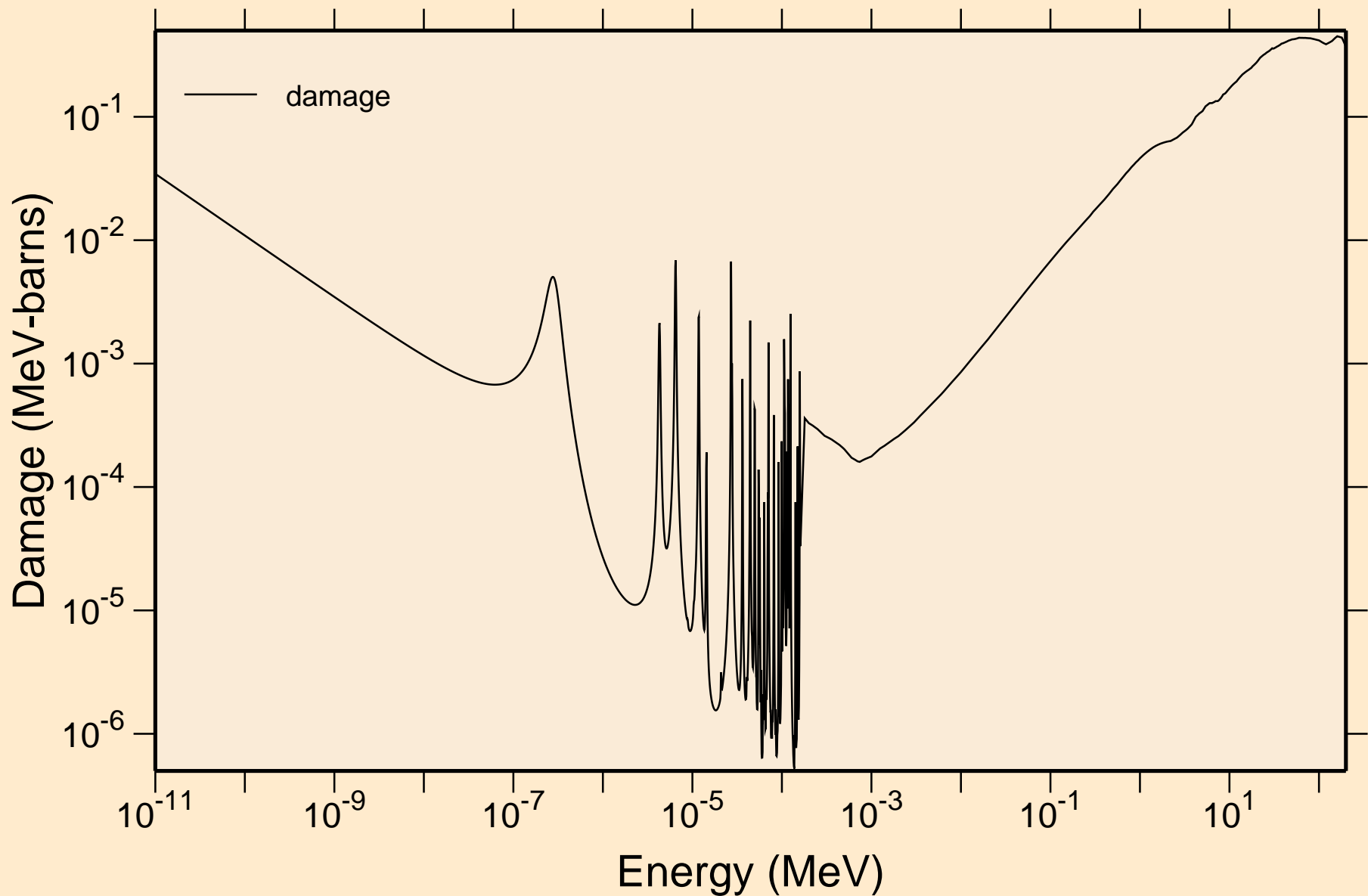
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



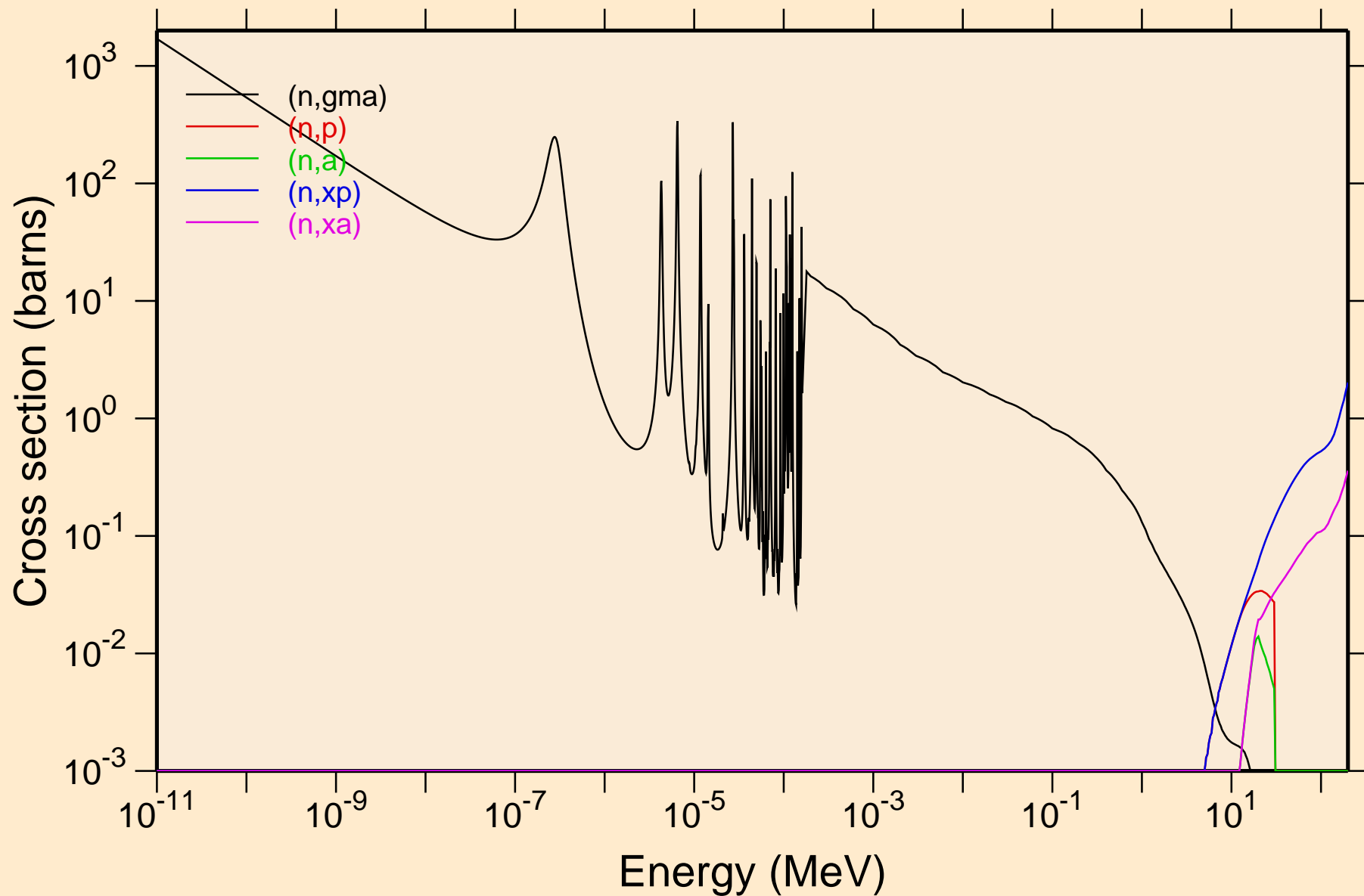
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



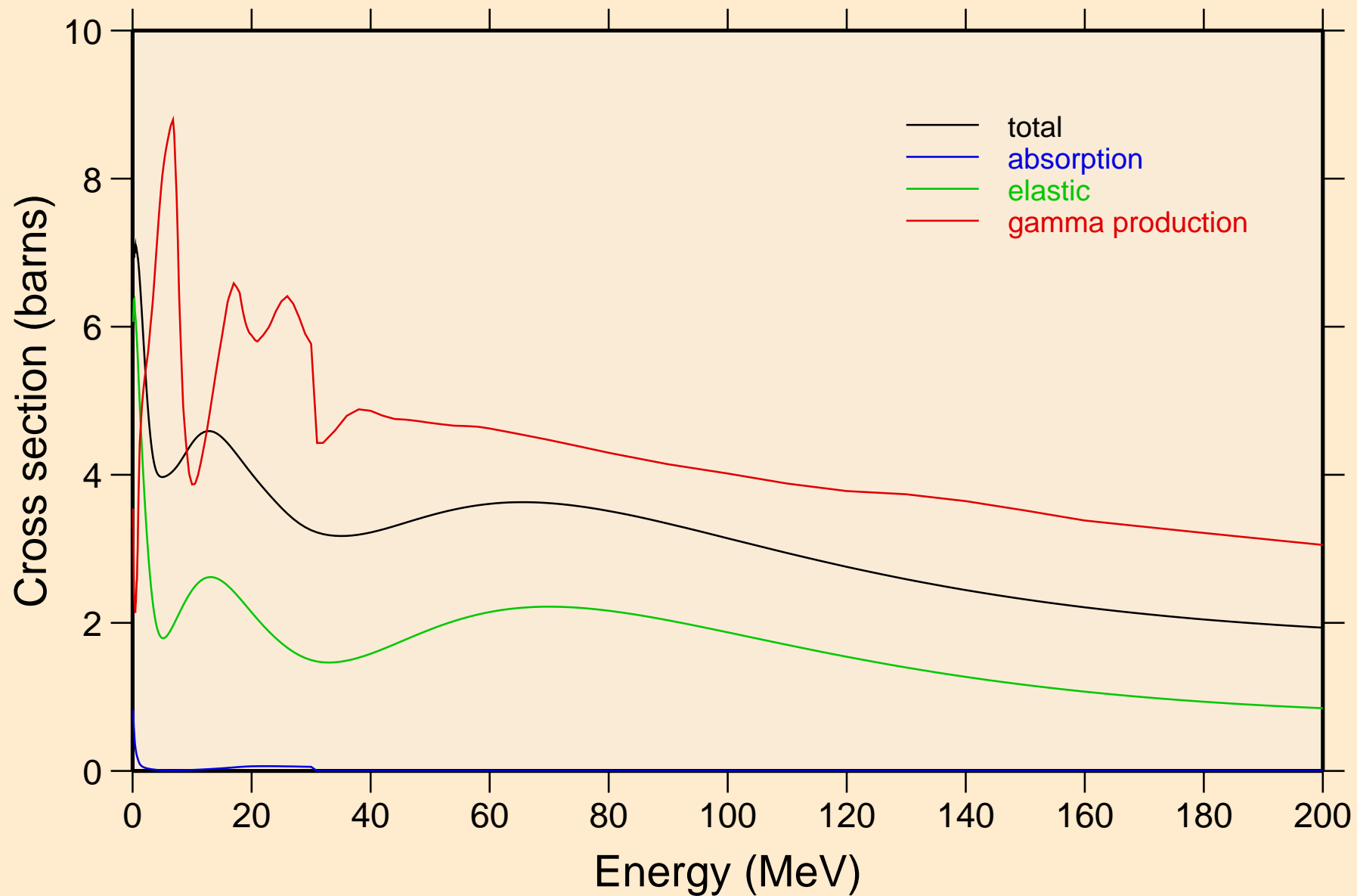
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



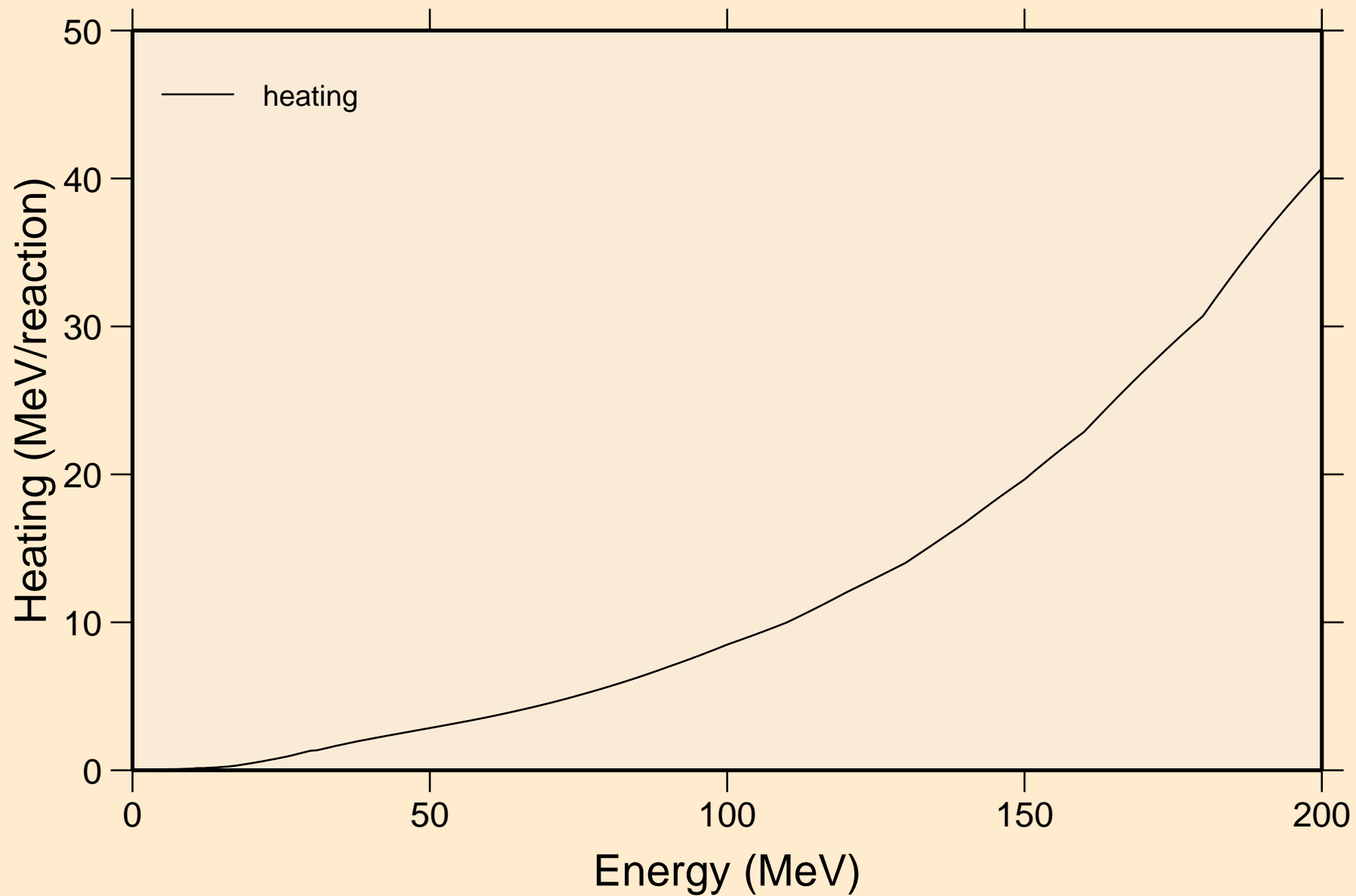
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections

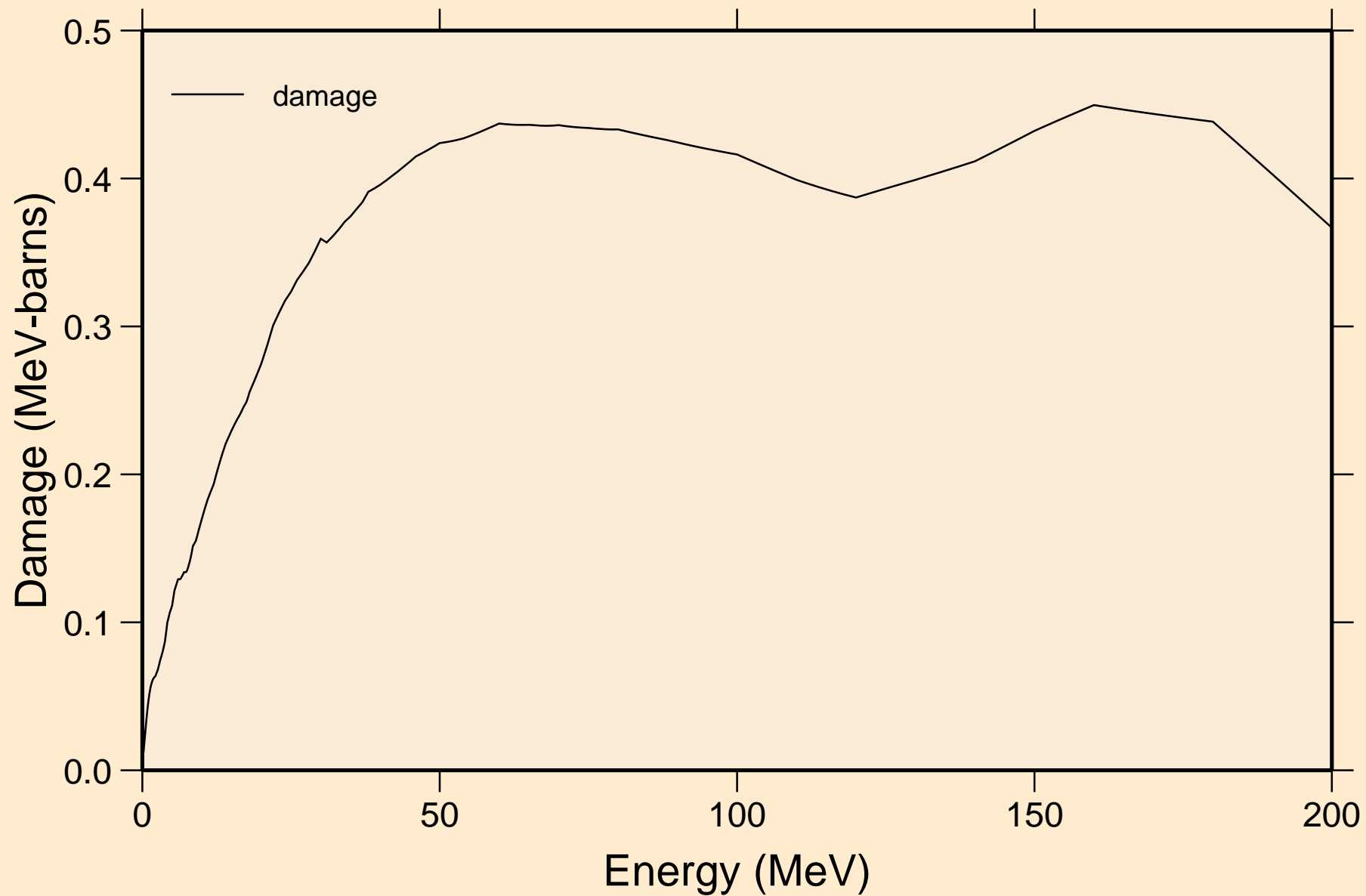


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

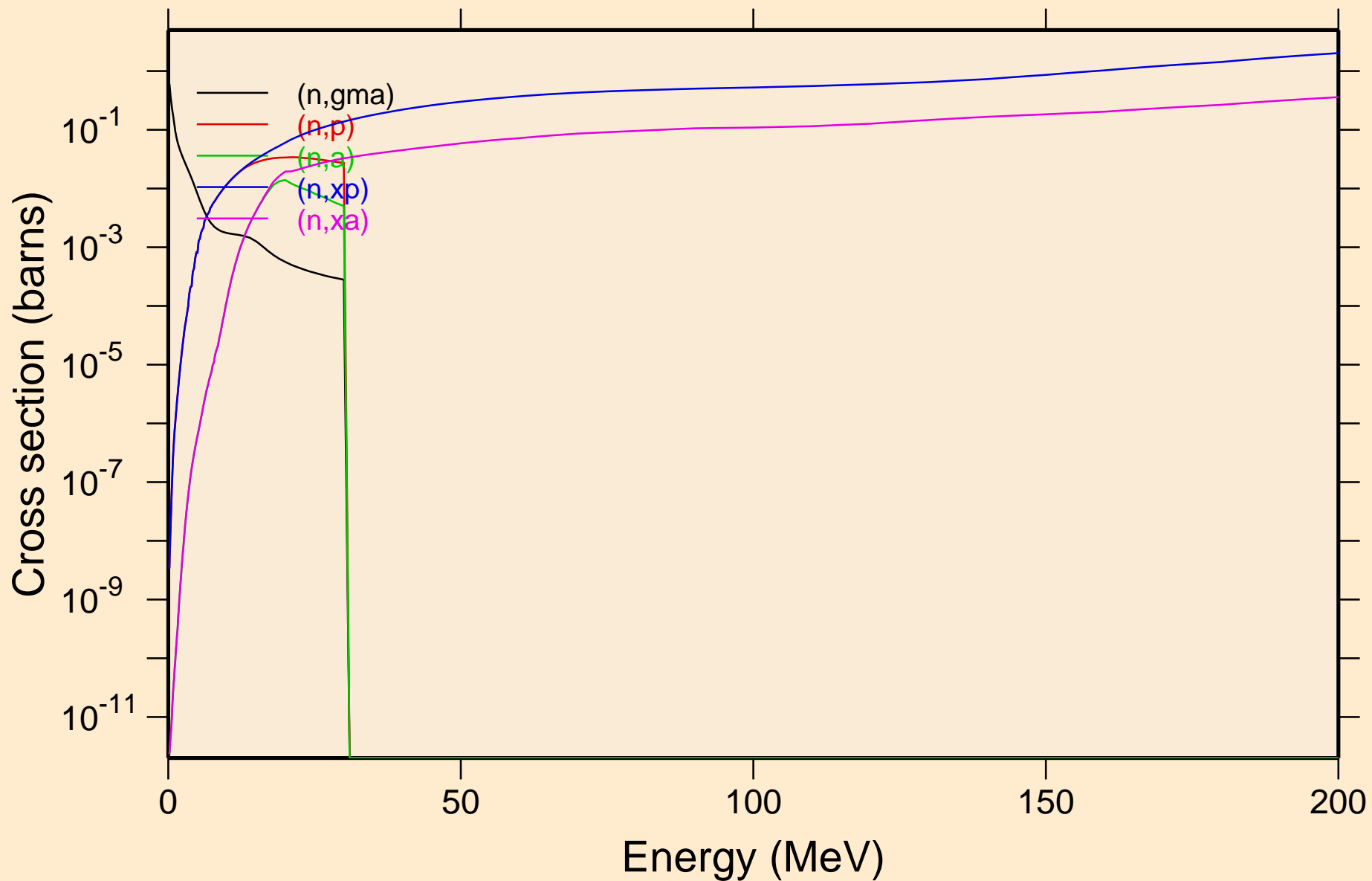




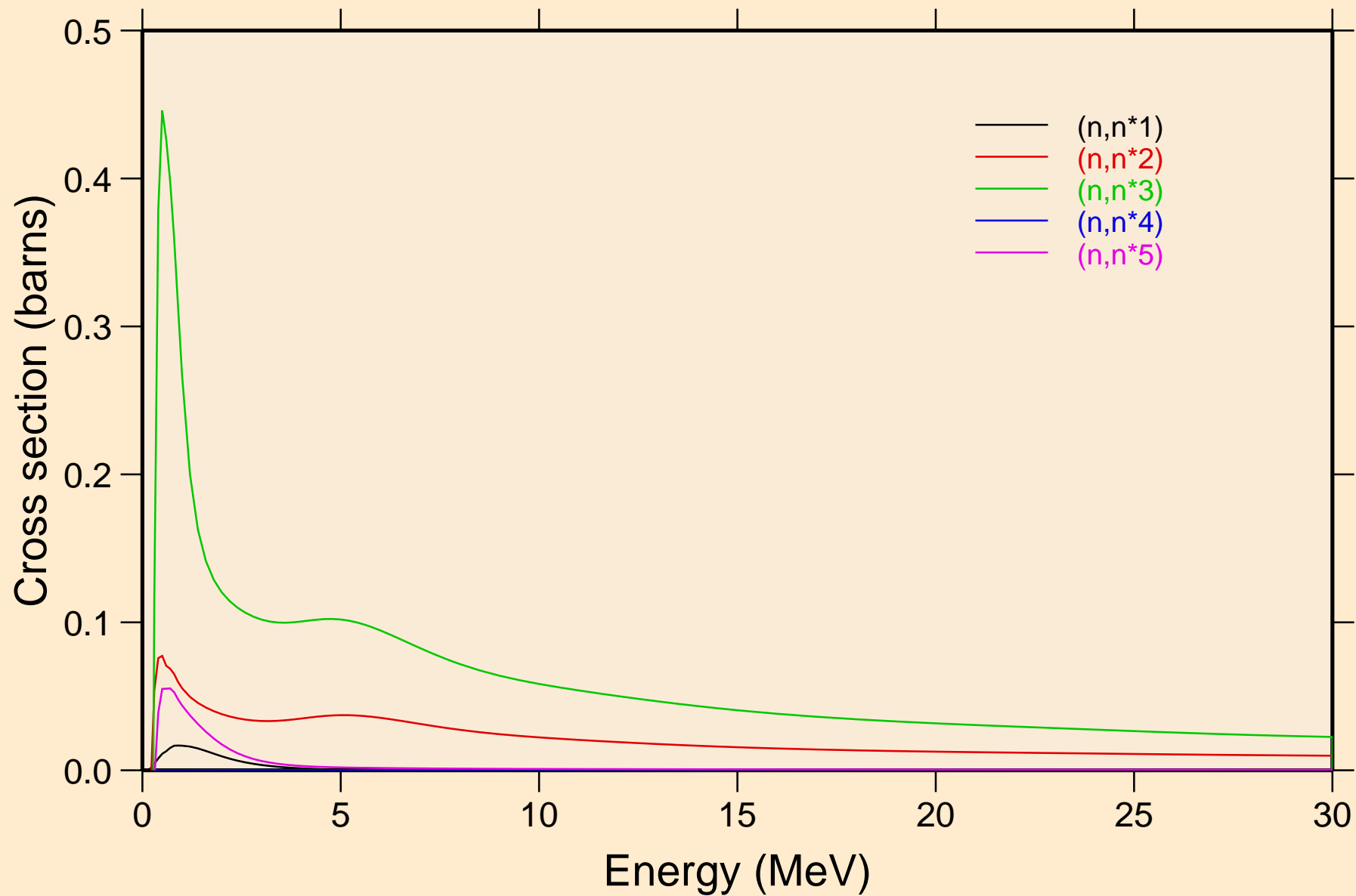
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



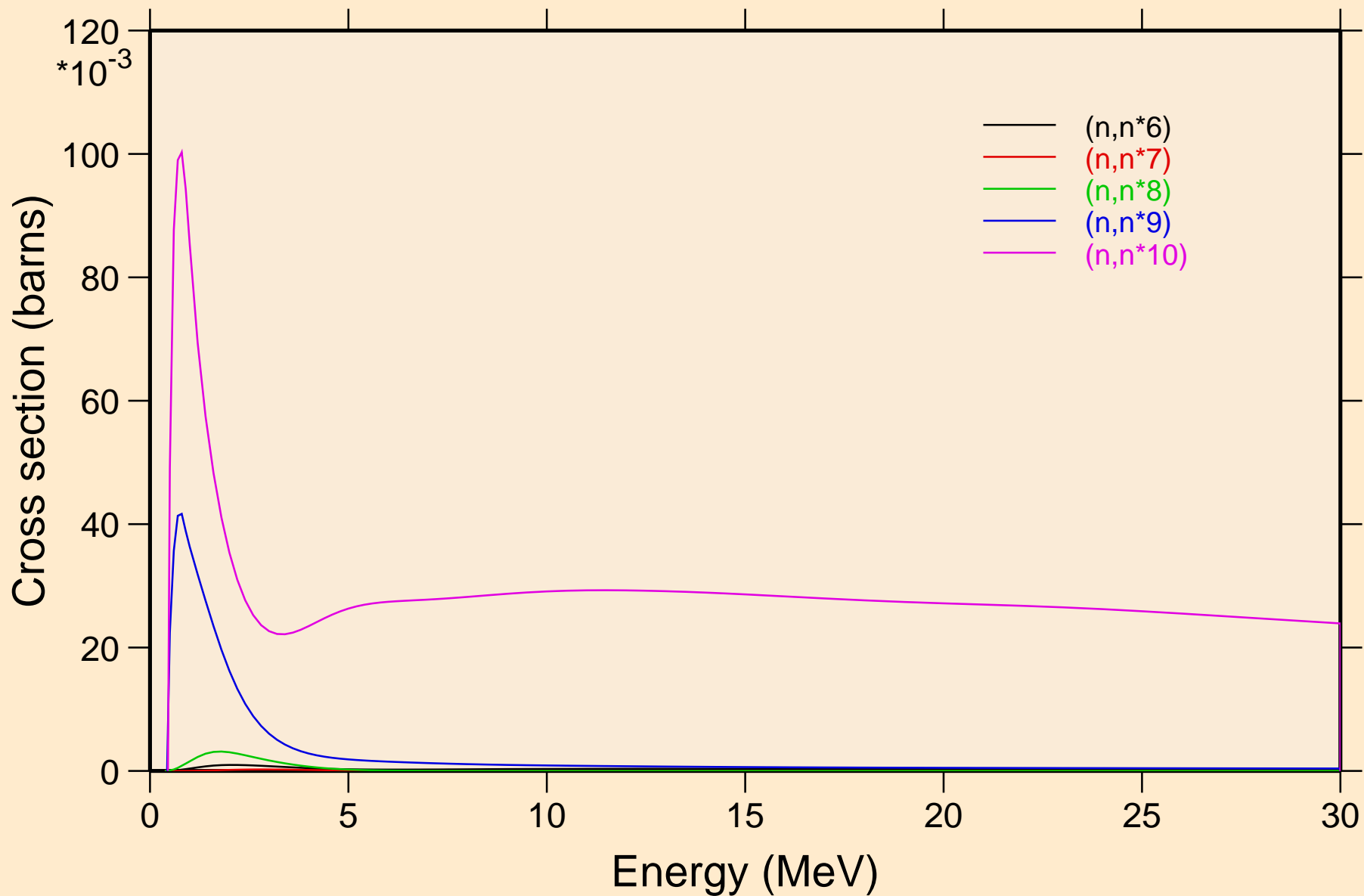
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



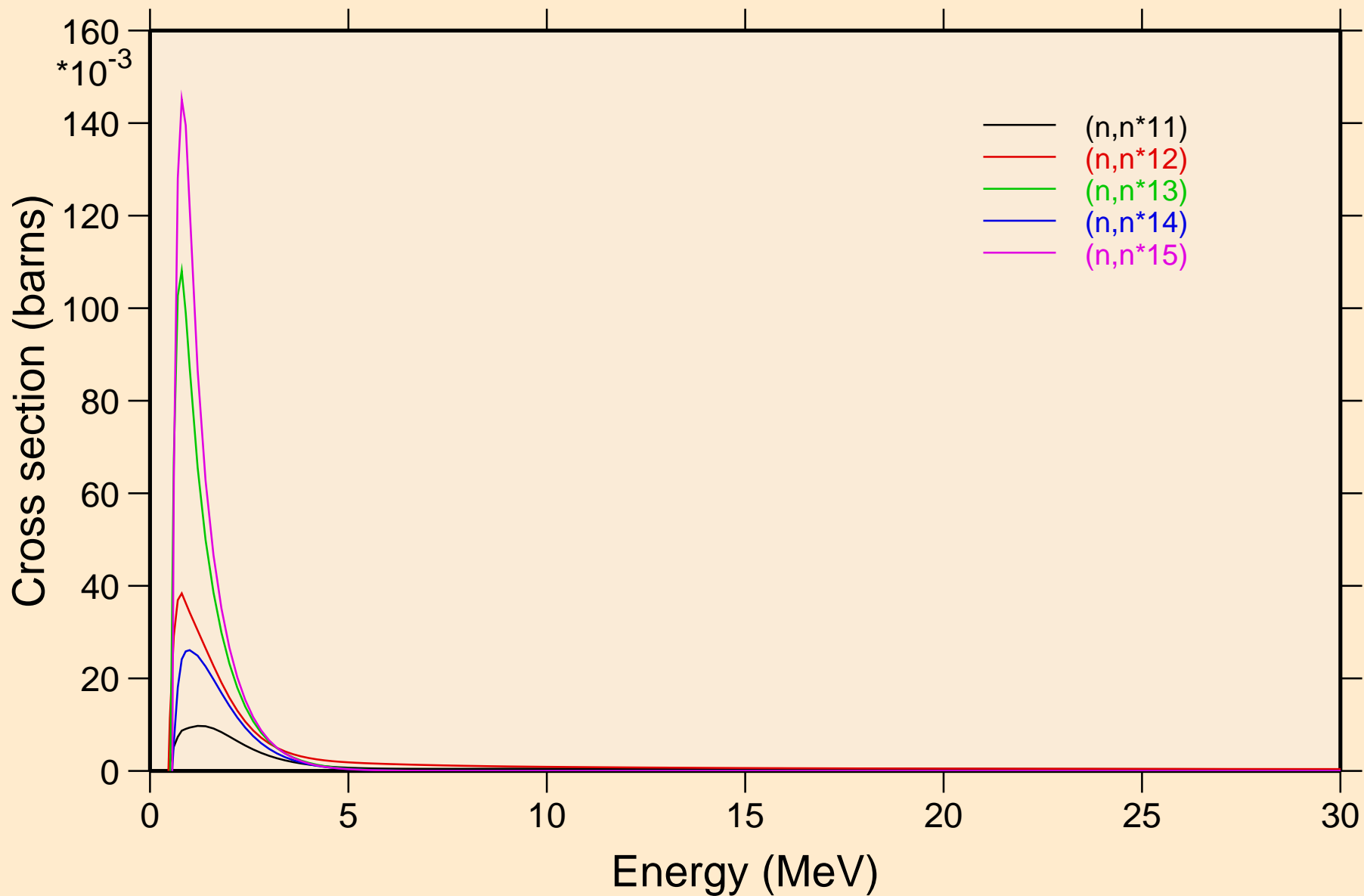
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

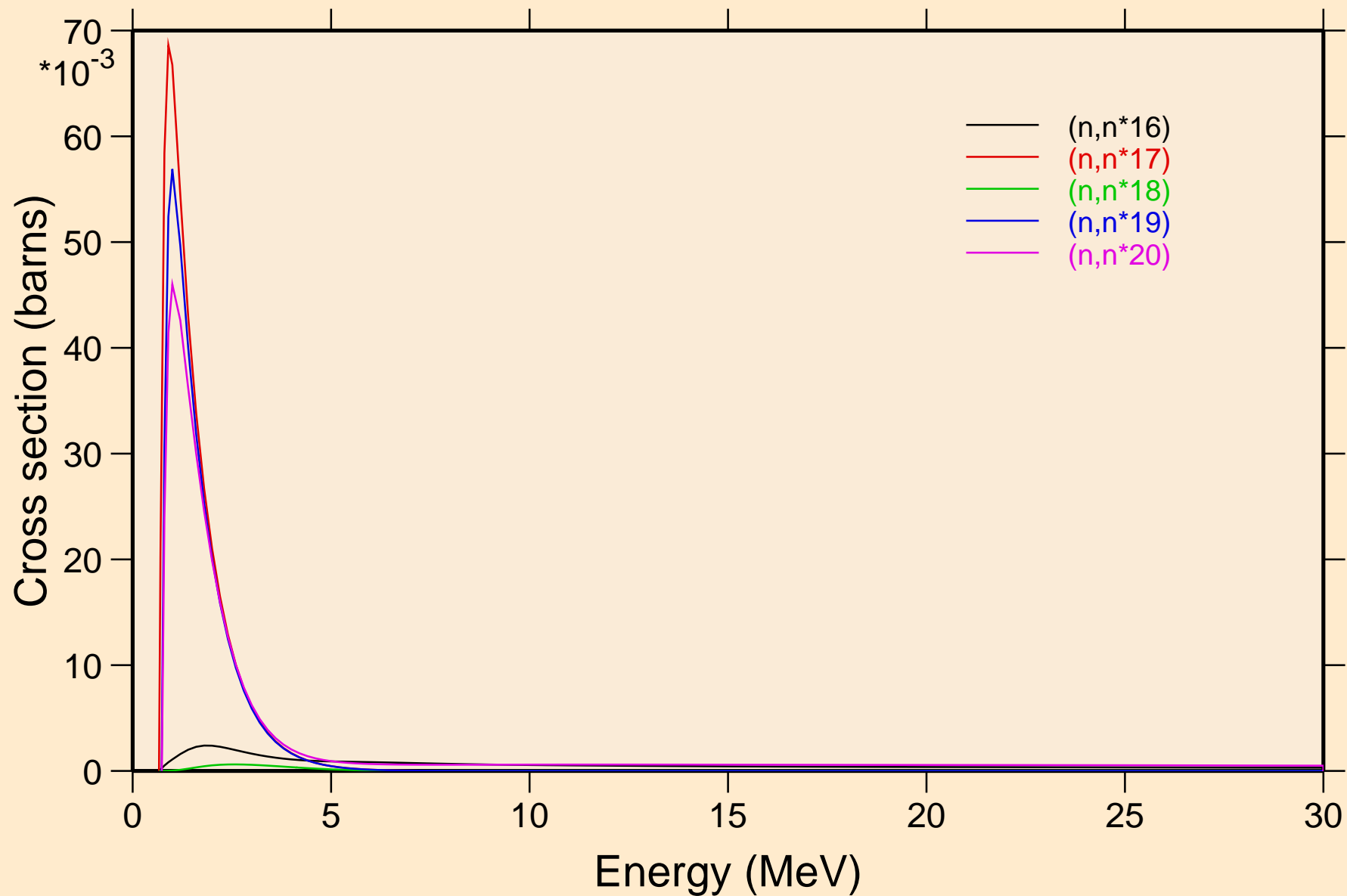


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

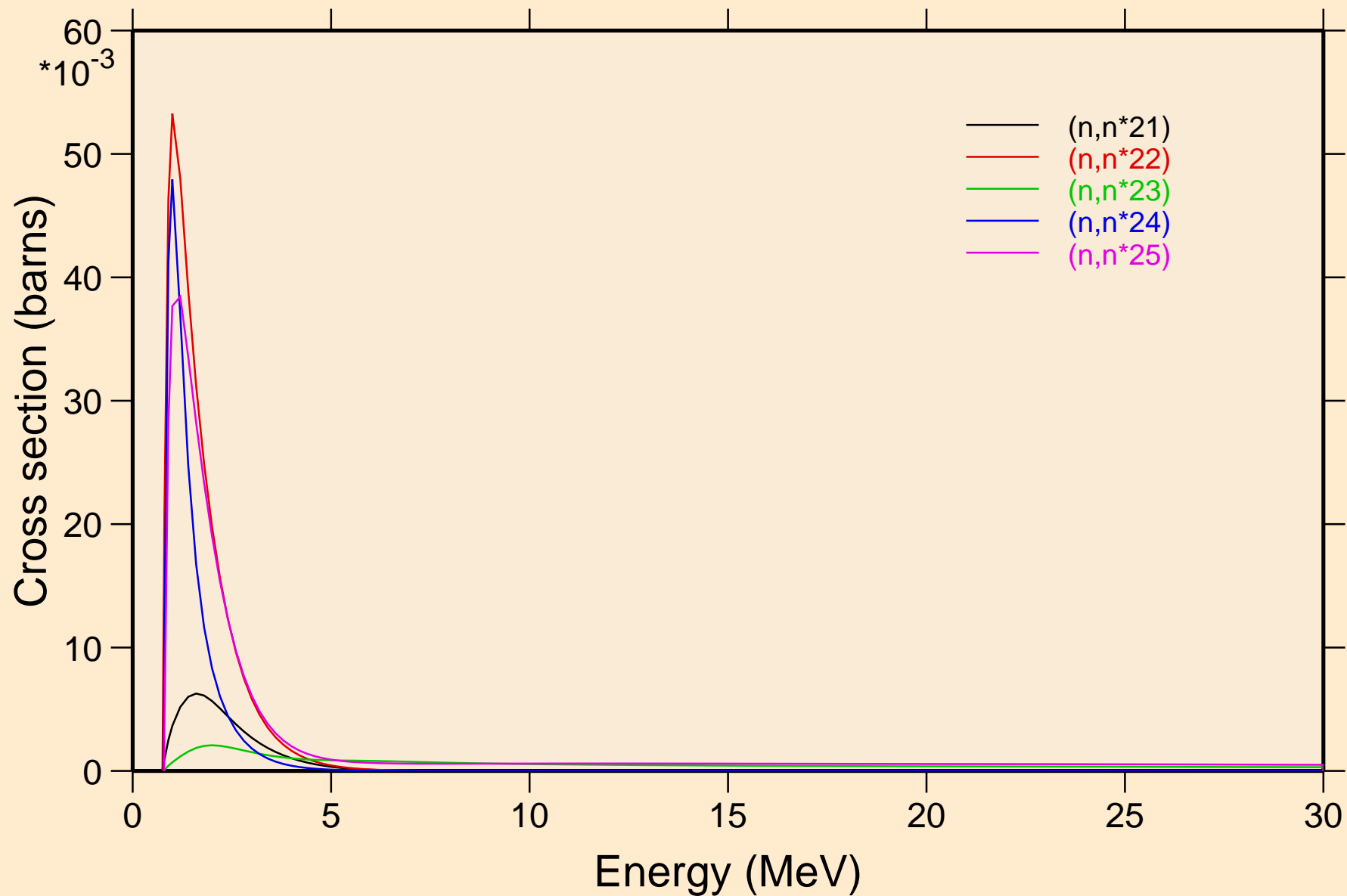


# IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

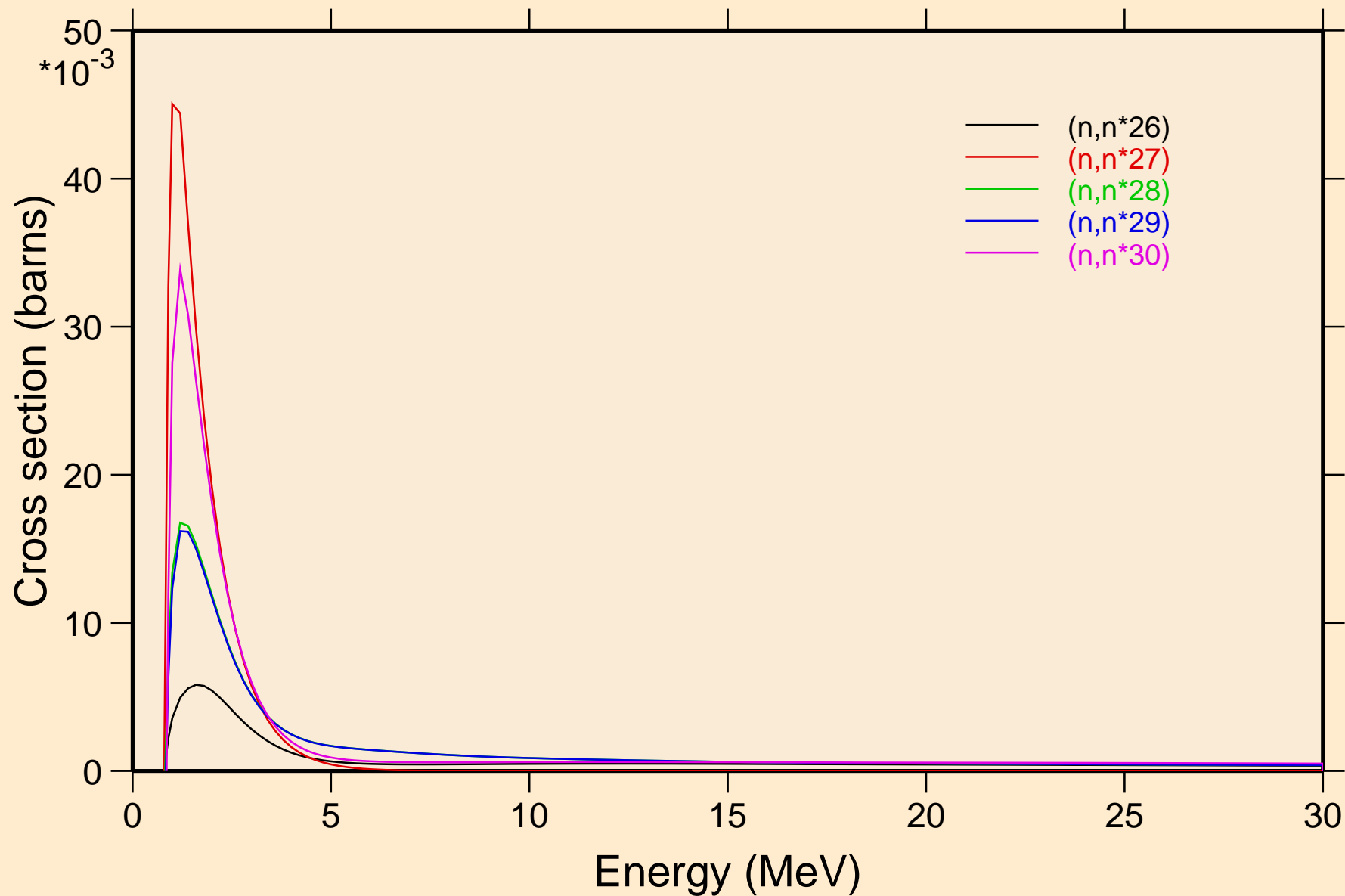
## Inelastic levels



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

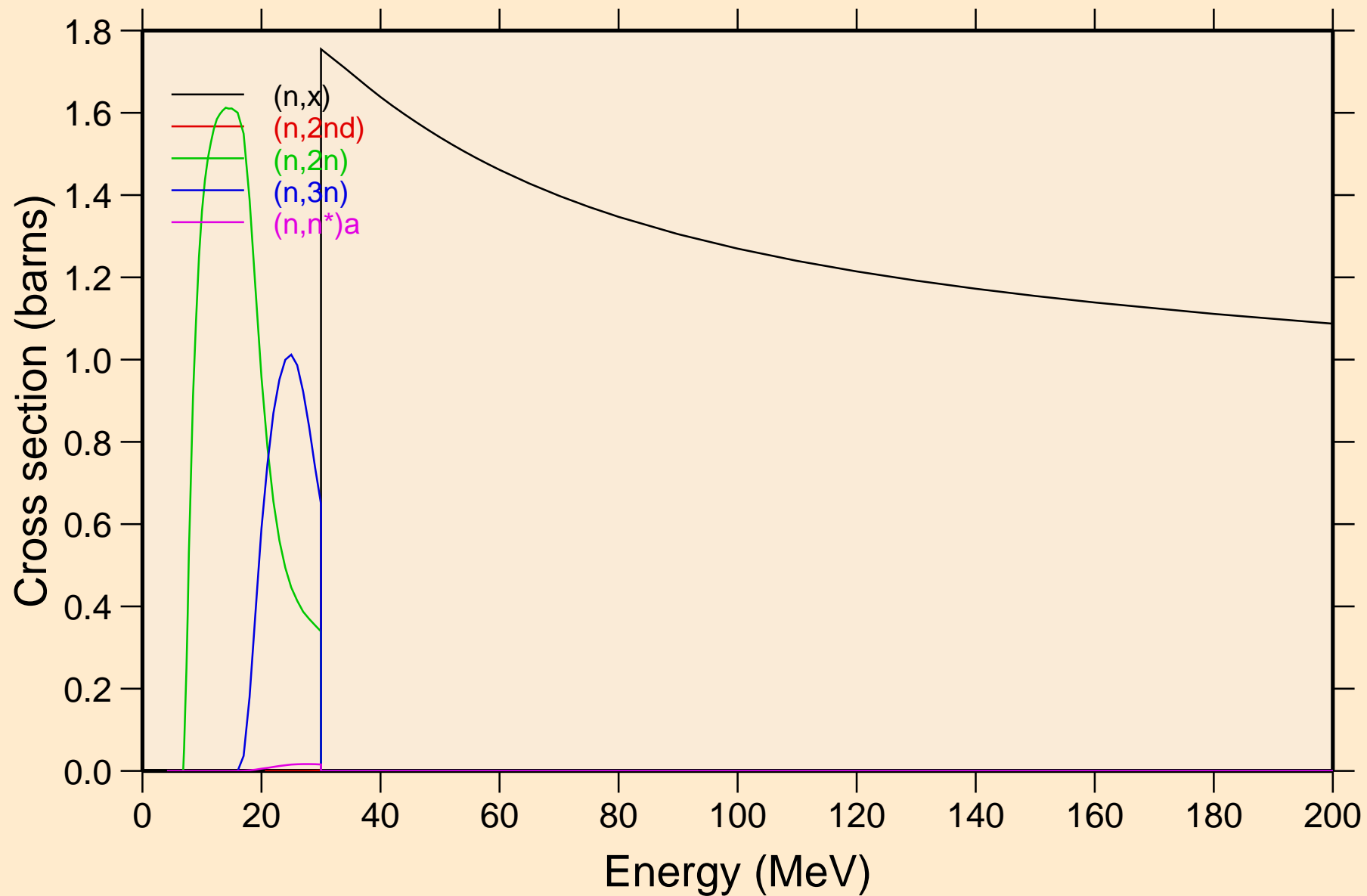


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

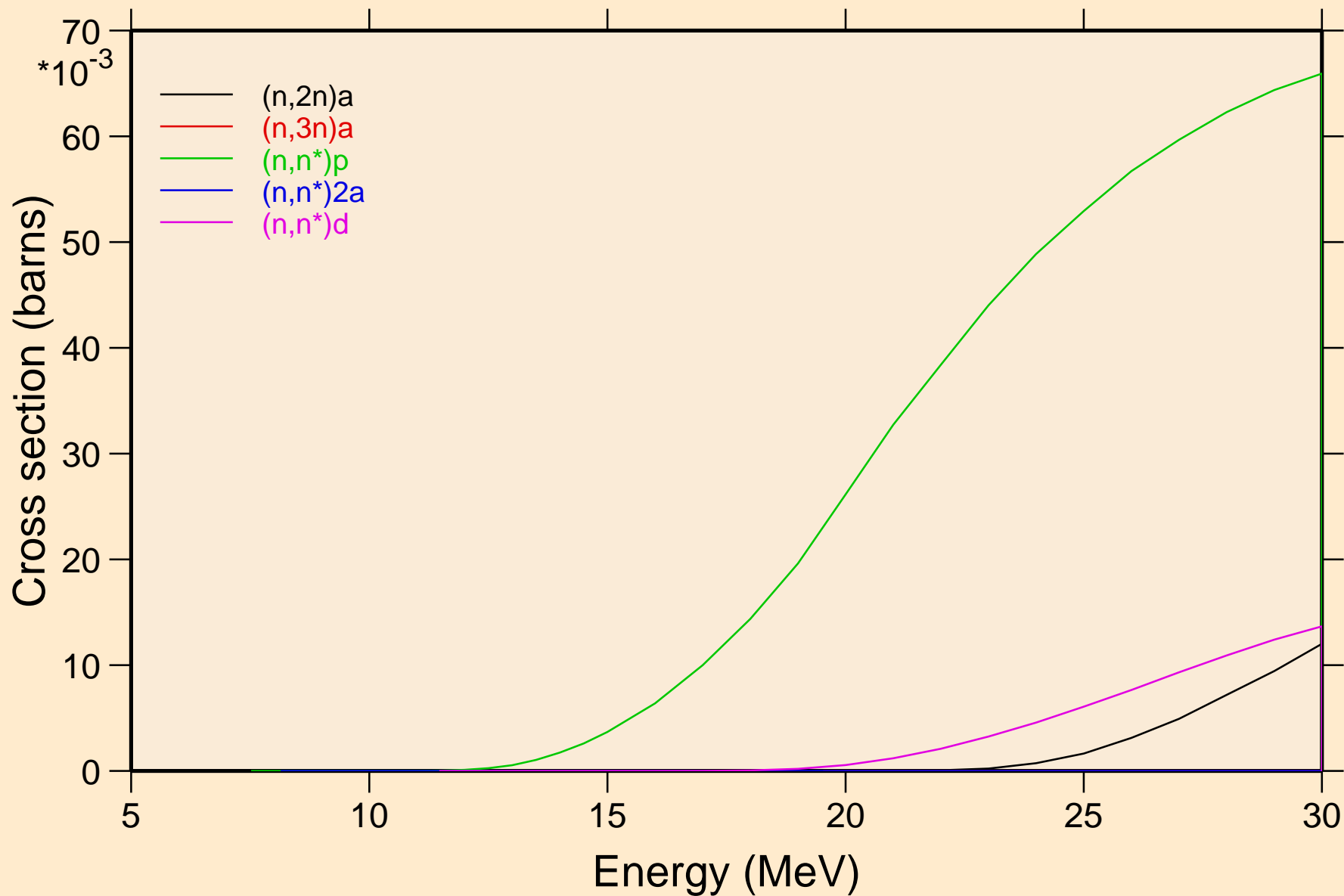




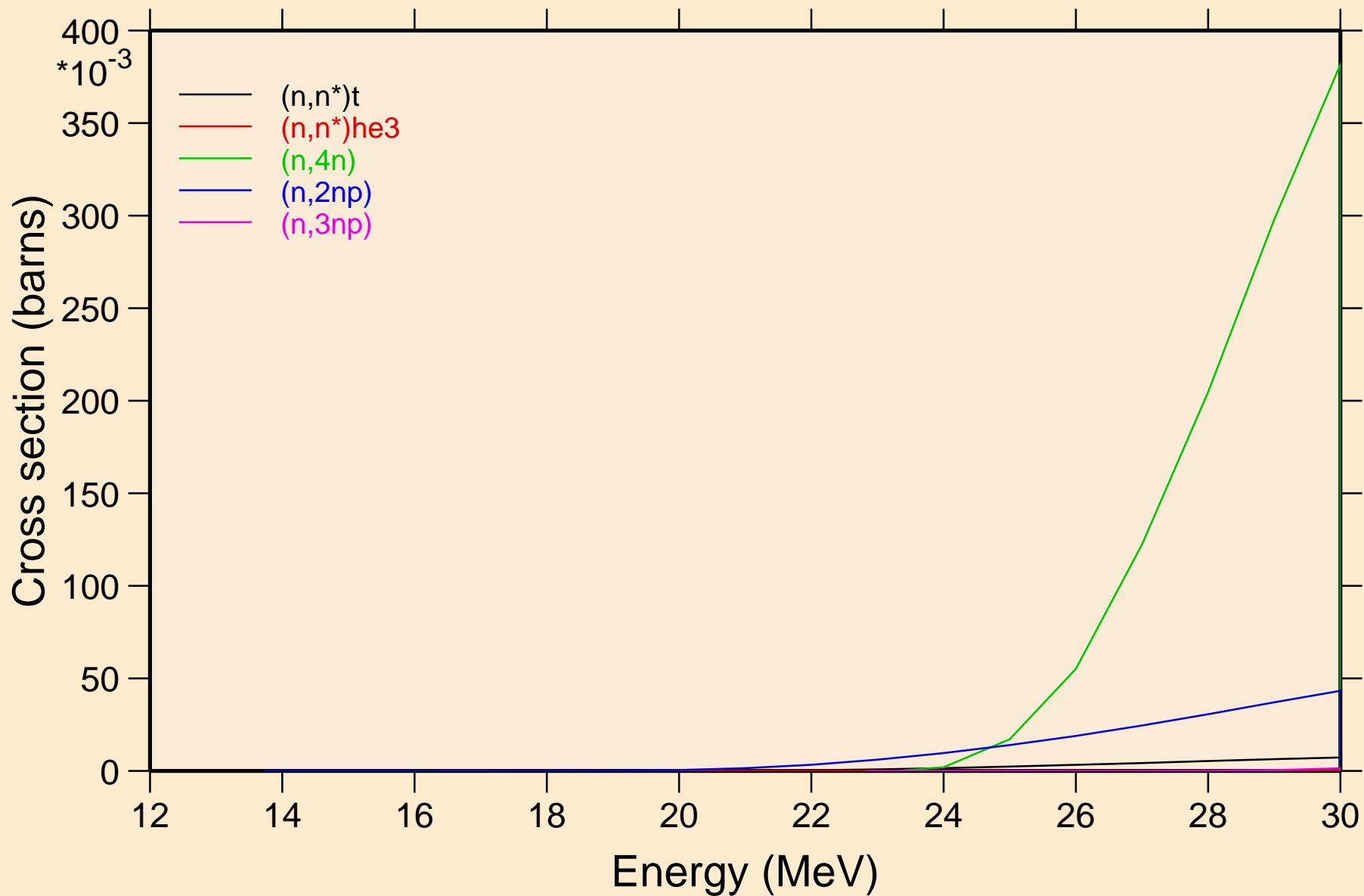
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



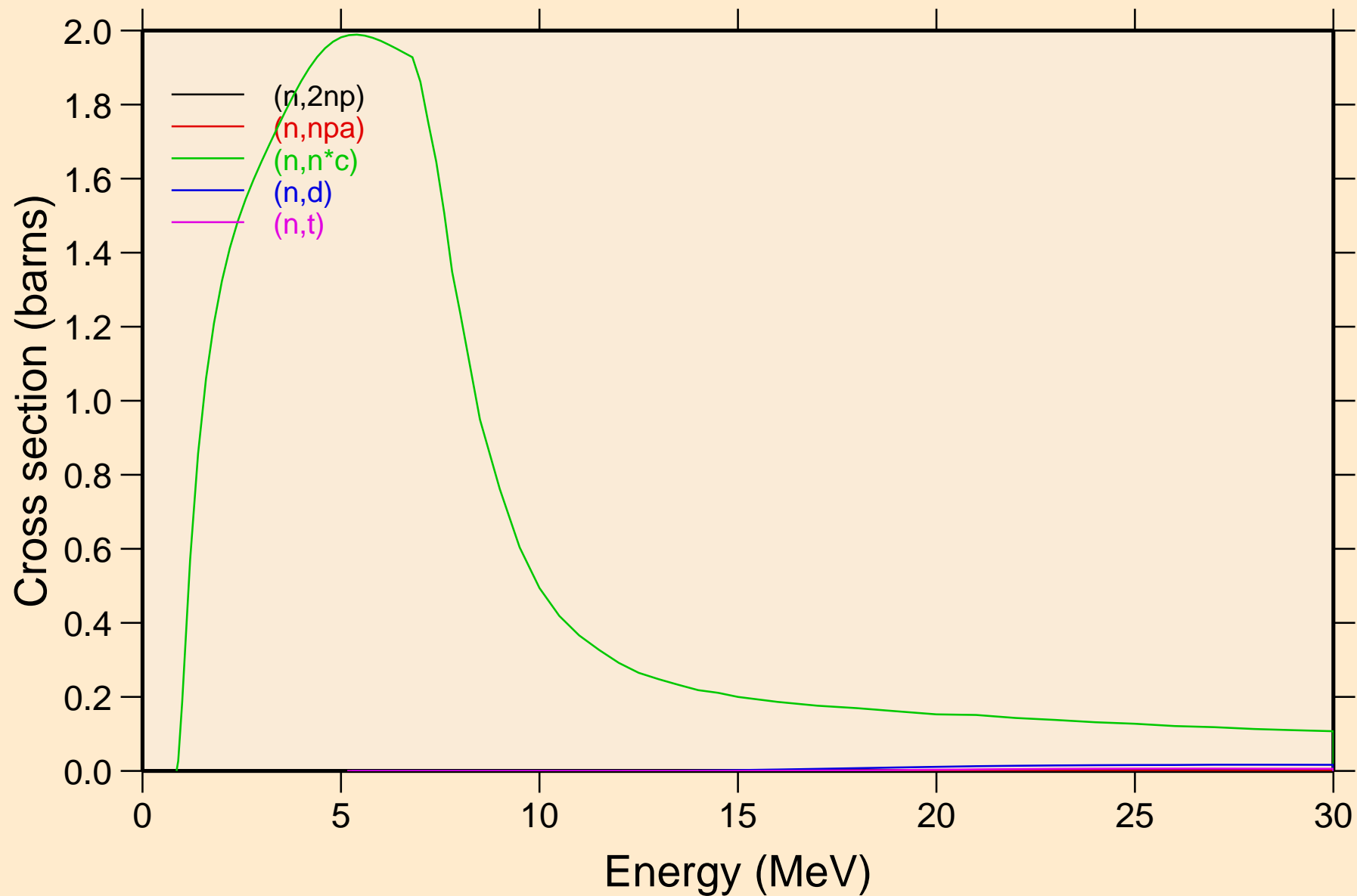
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



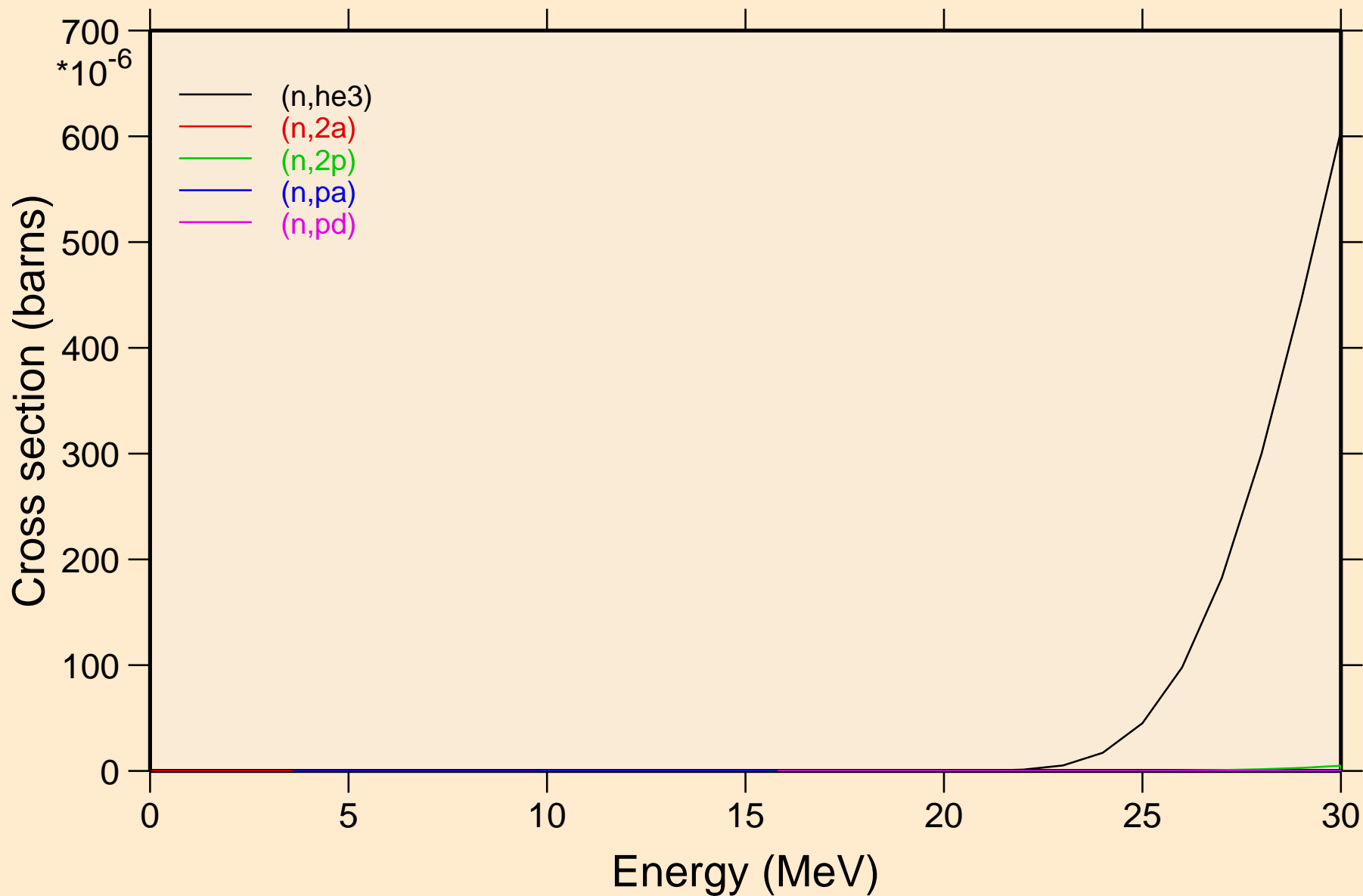
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



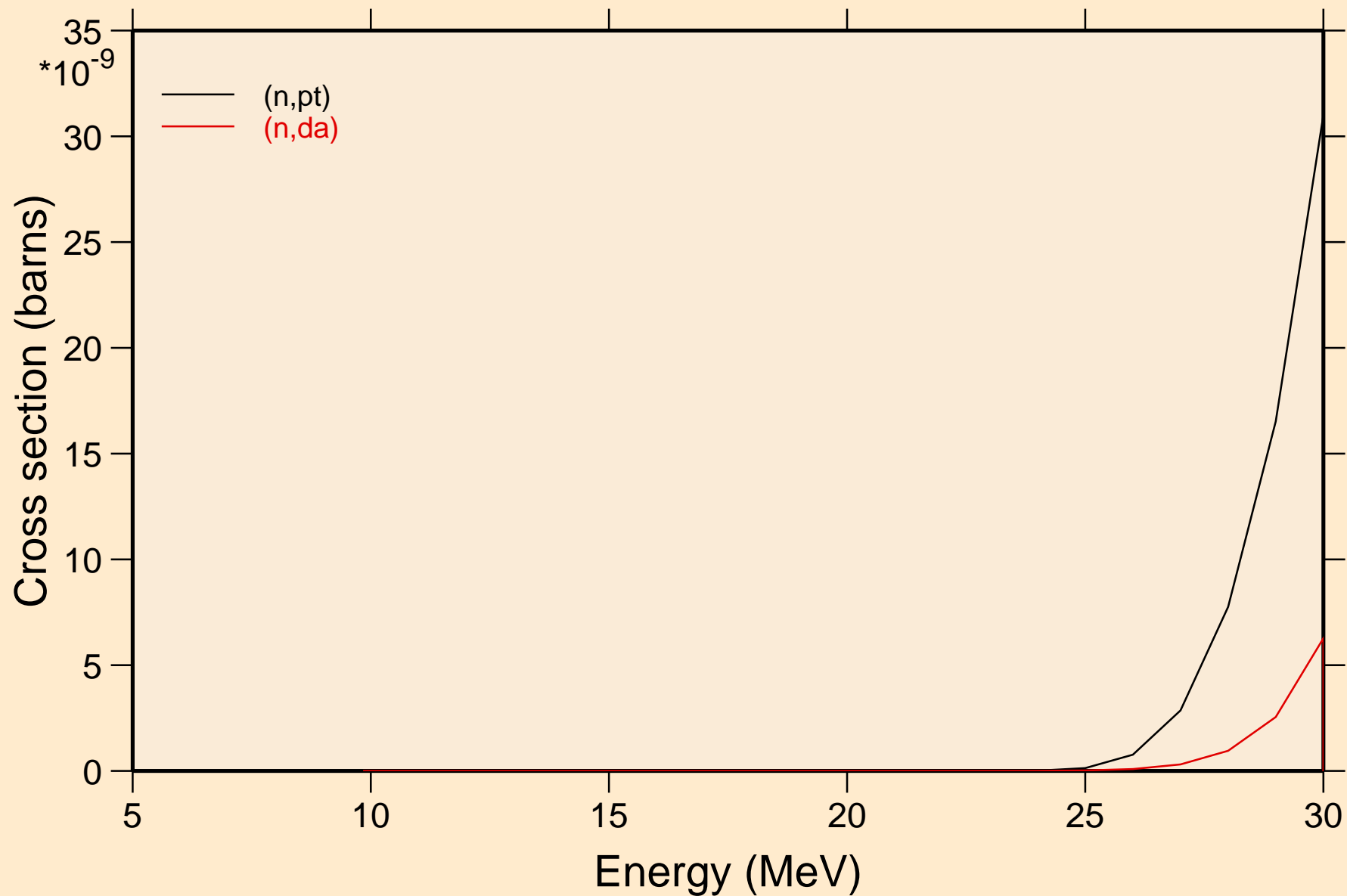
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



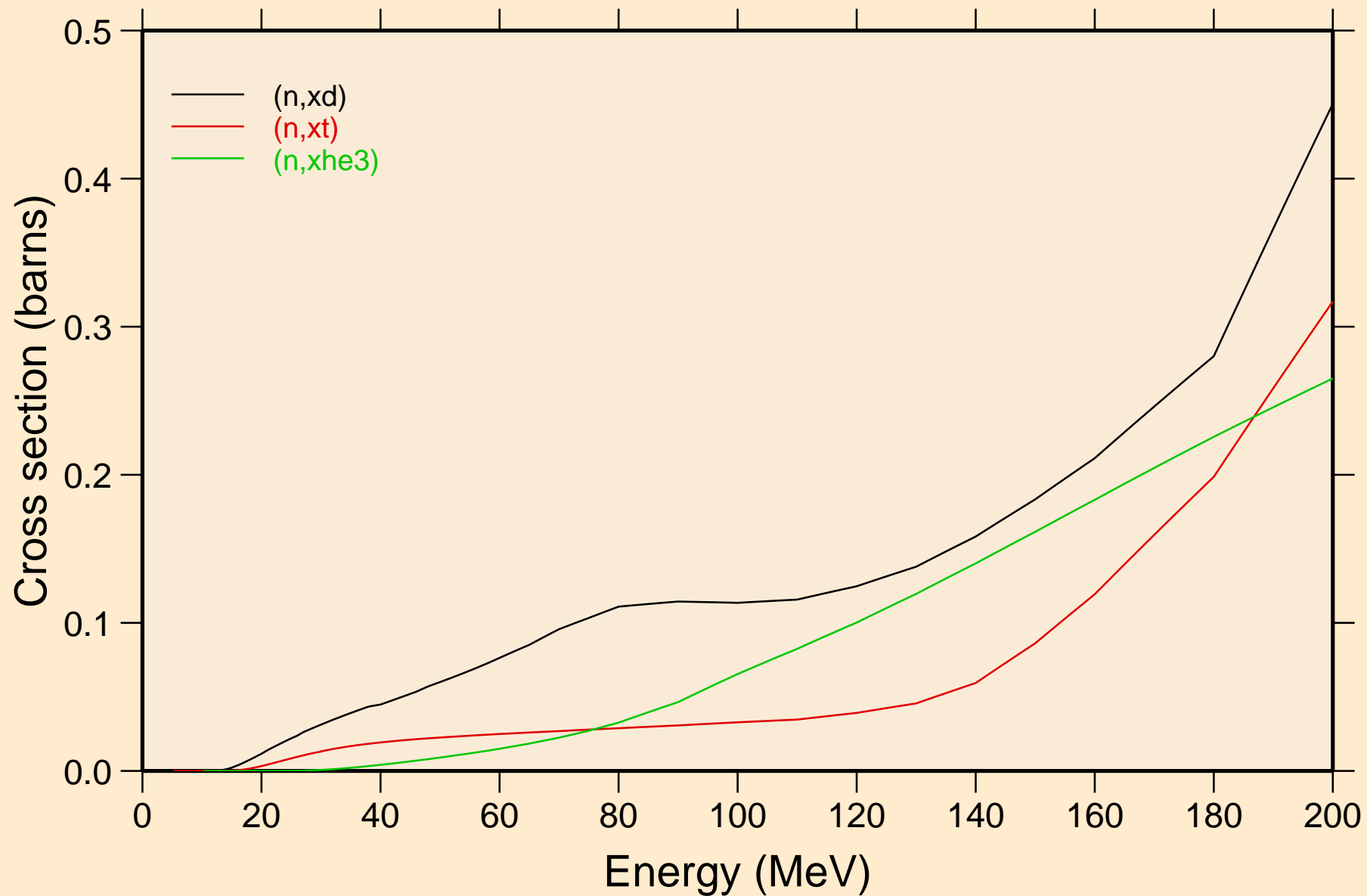
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



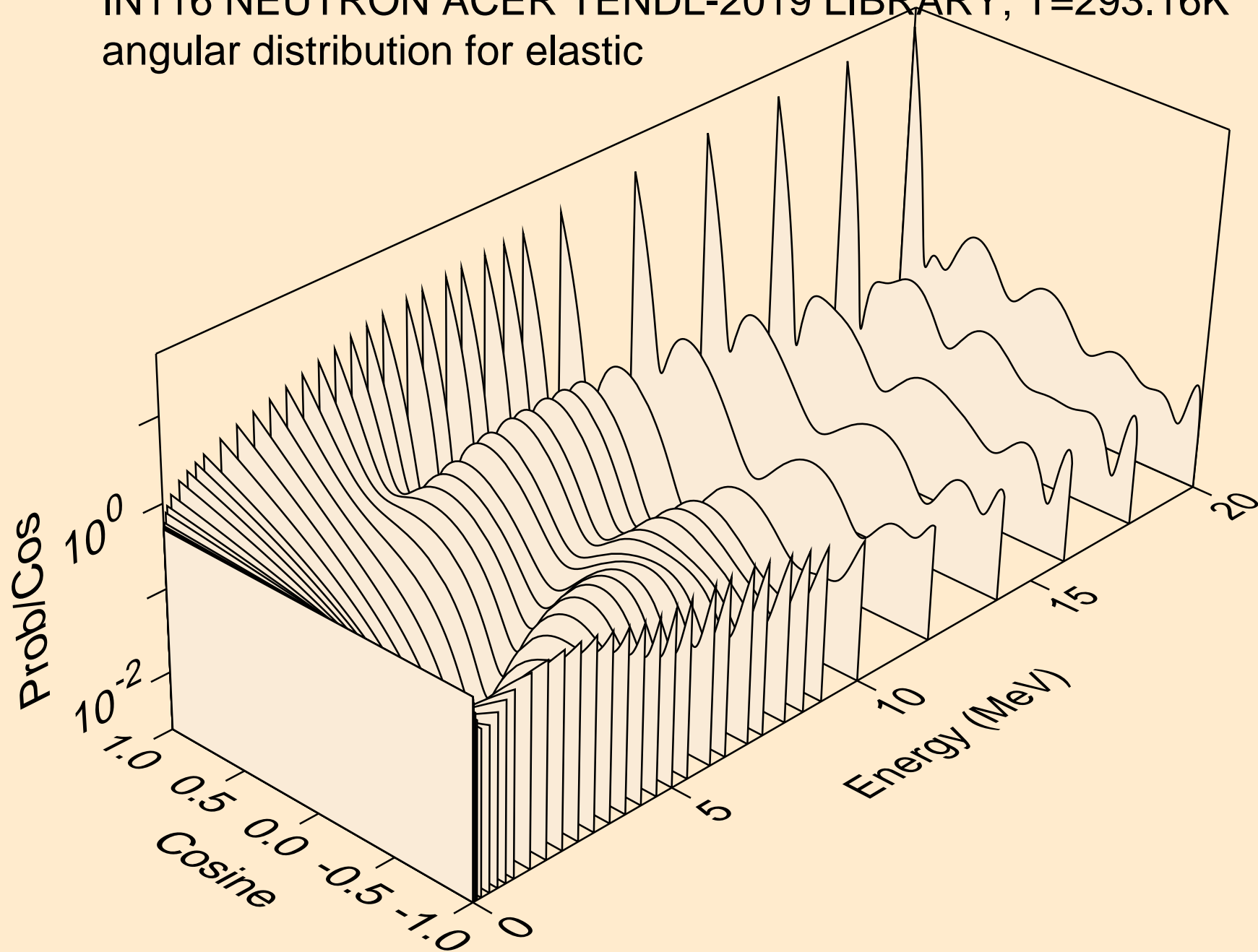
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

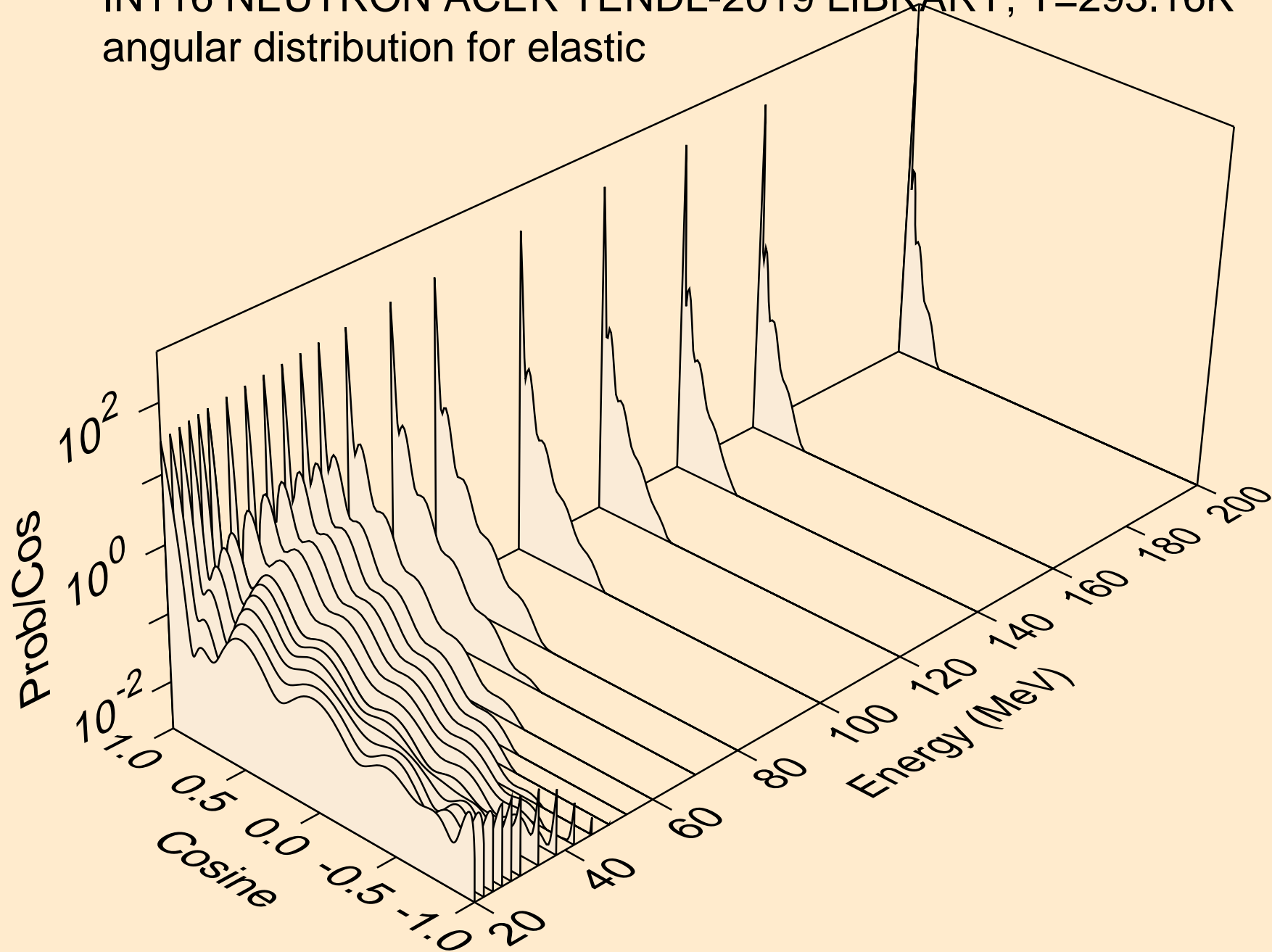


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

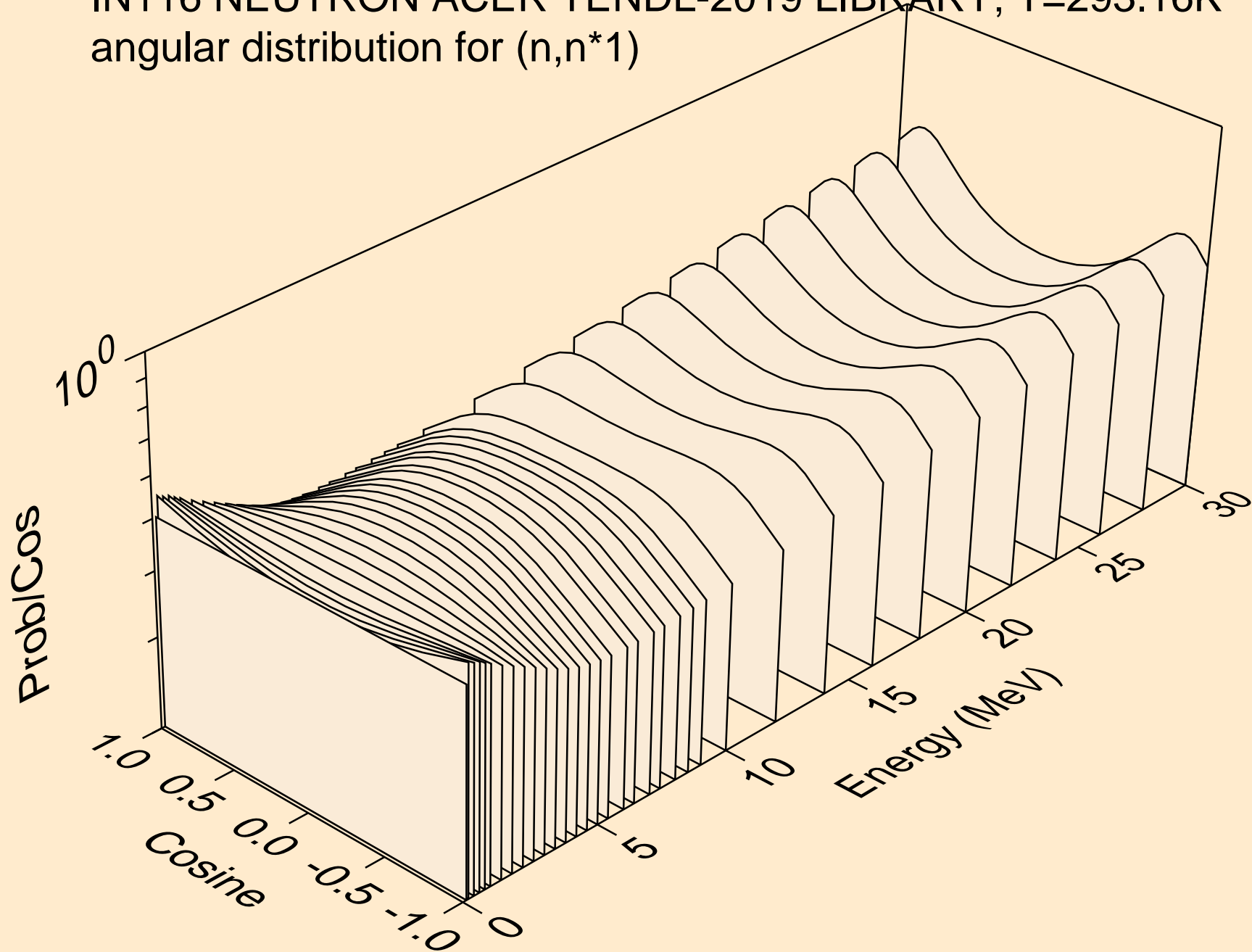




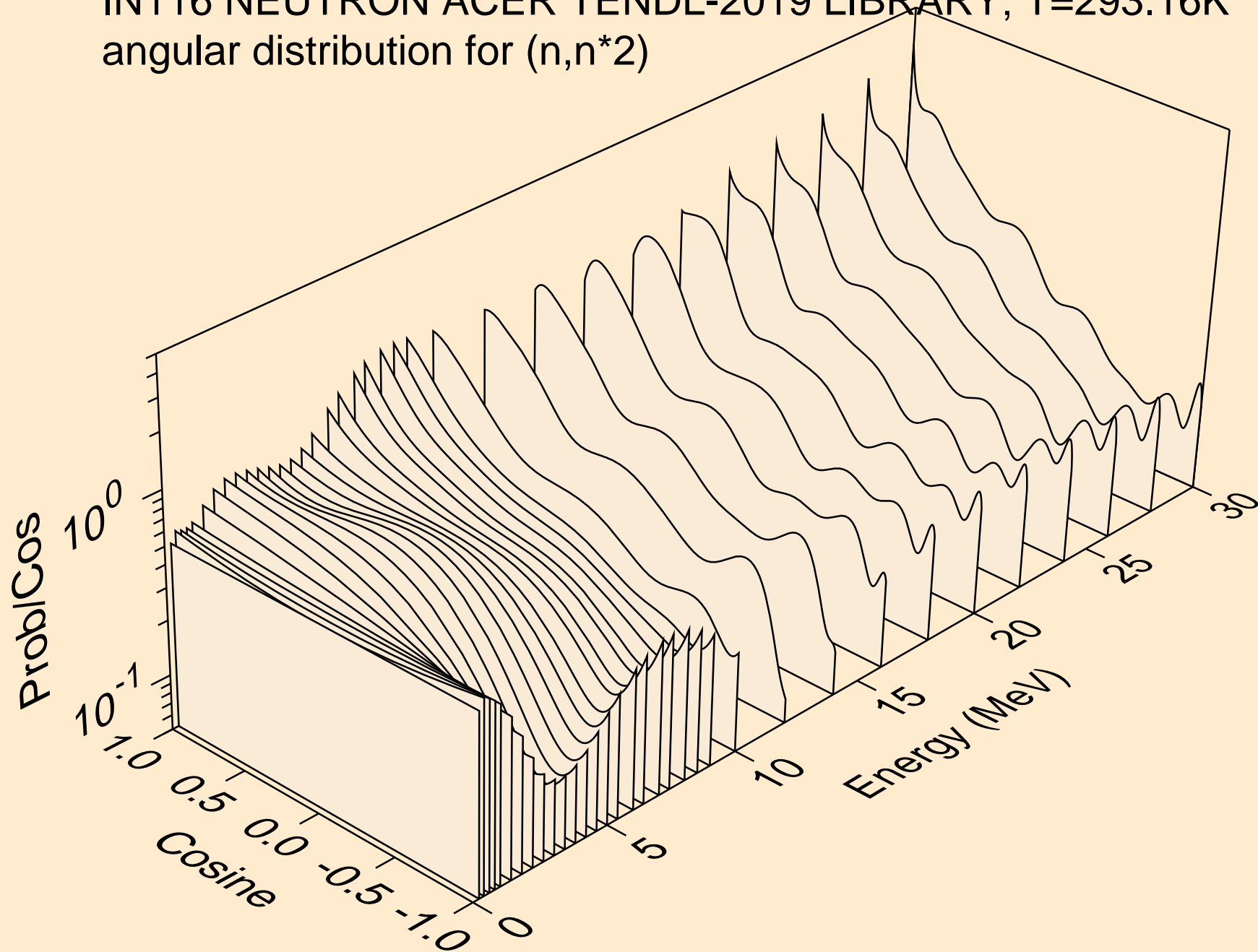
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



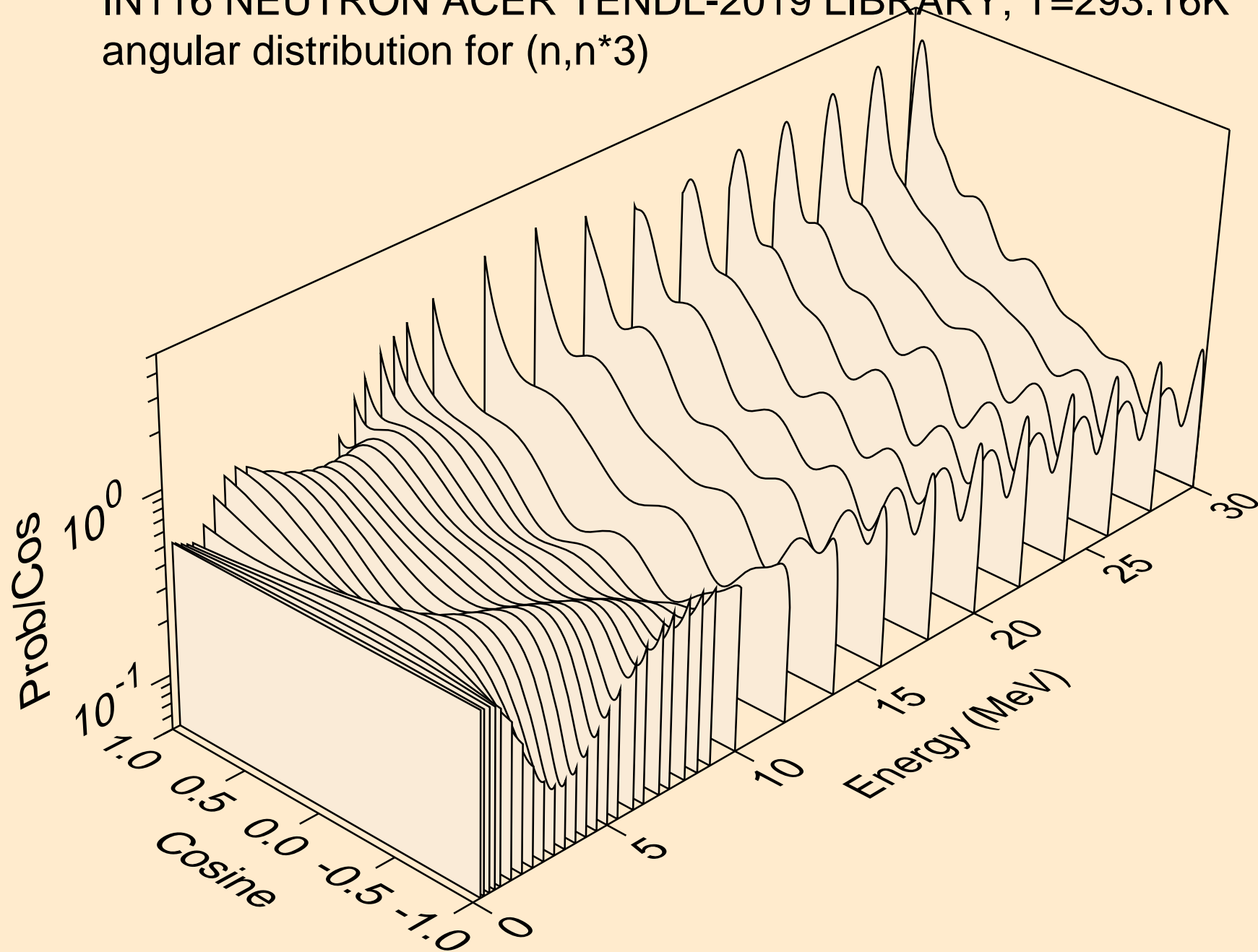
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



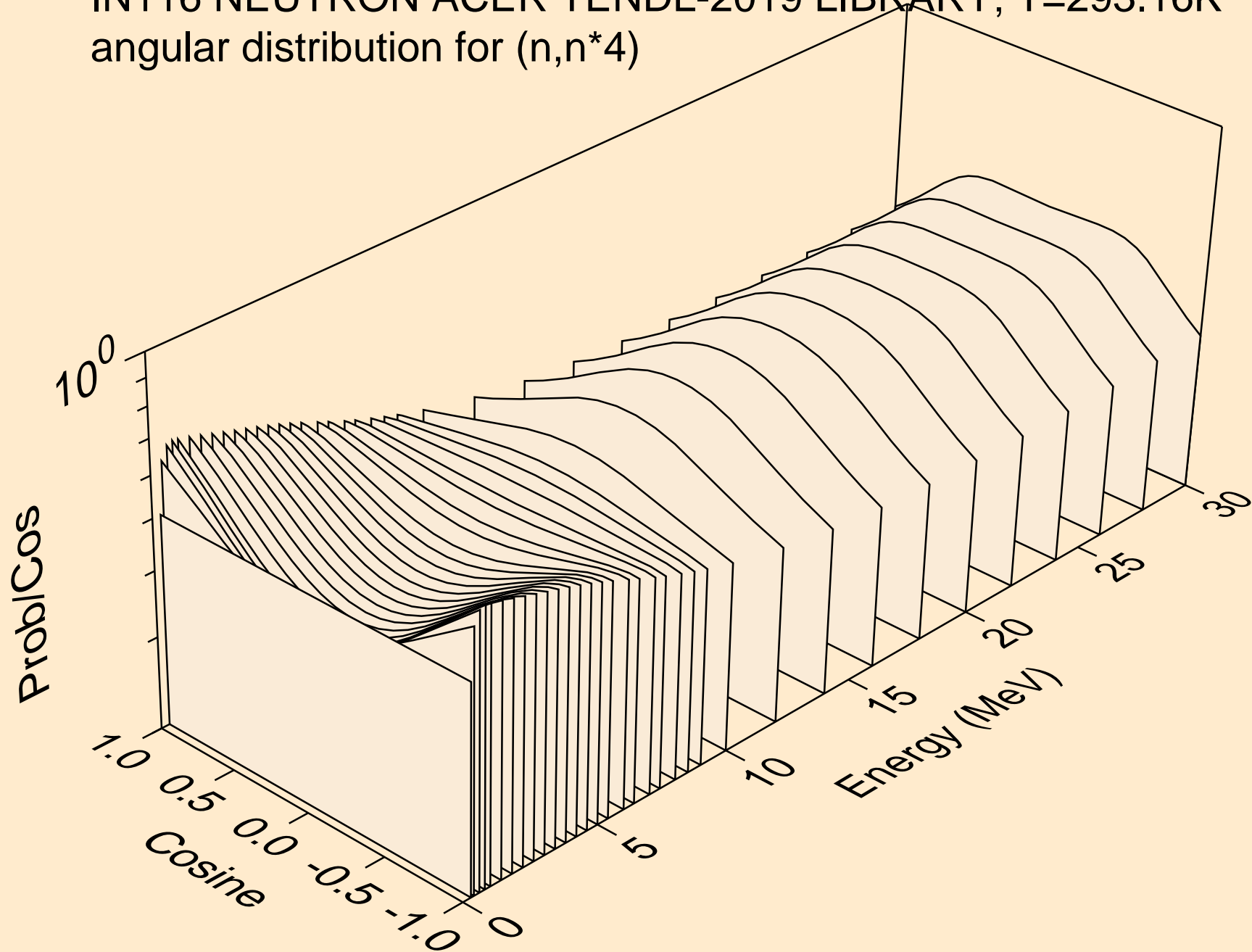
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



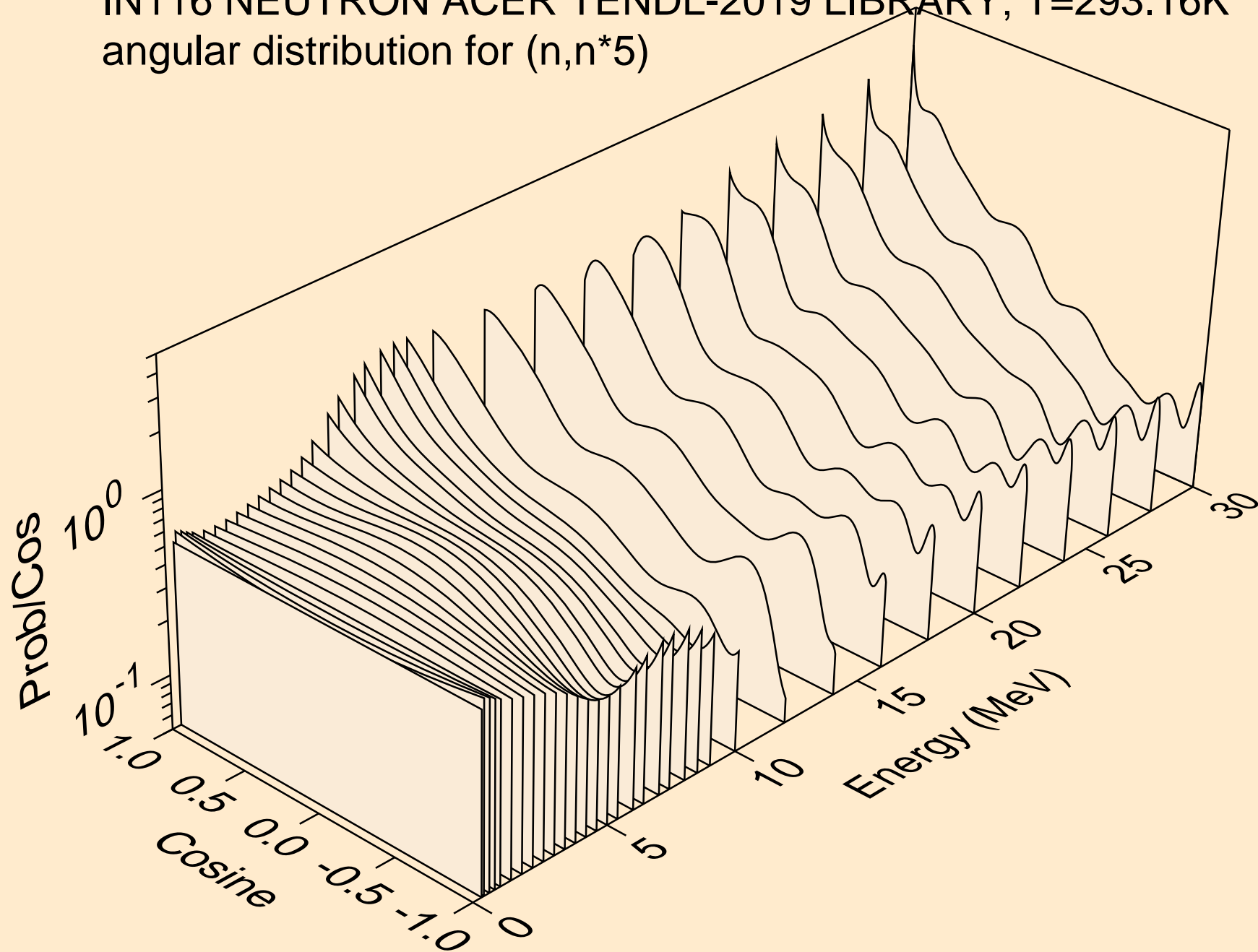
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



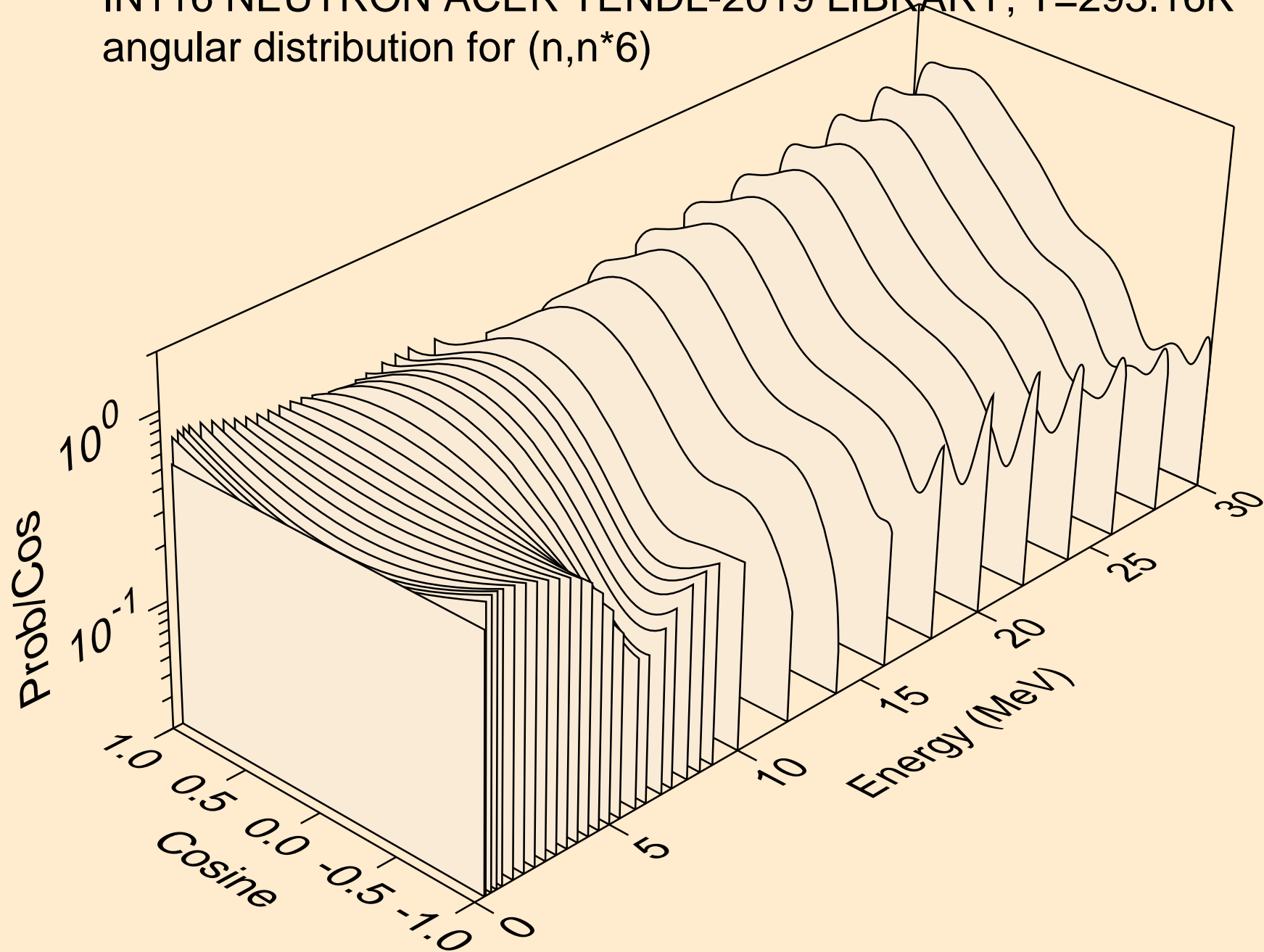
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



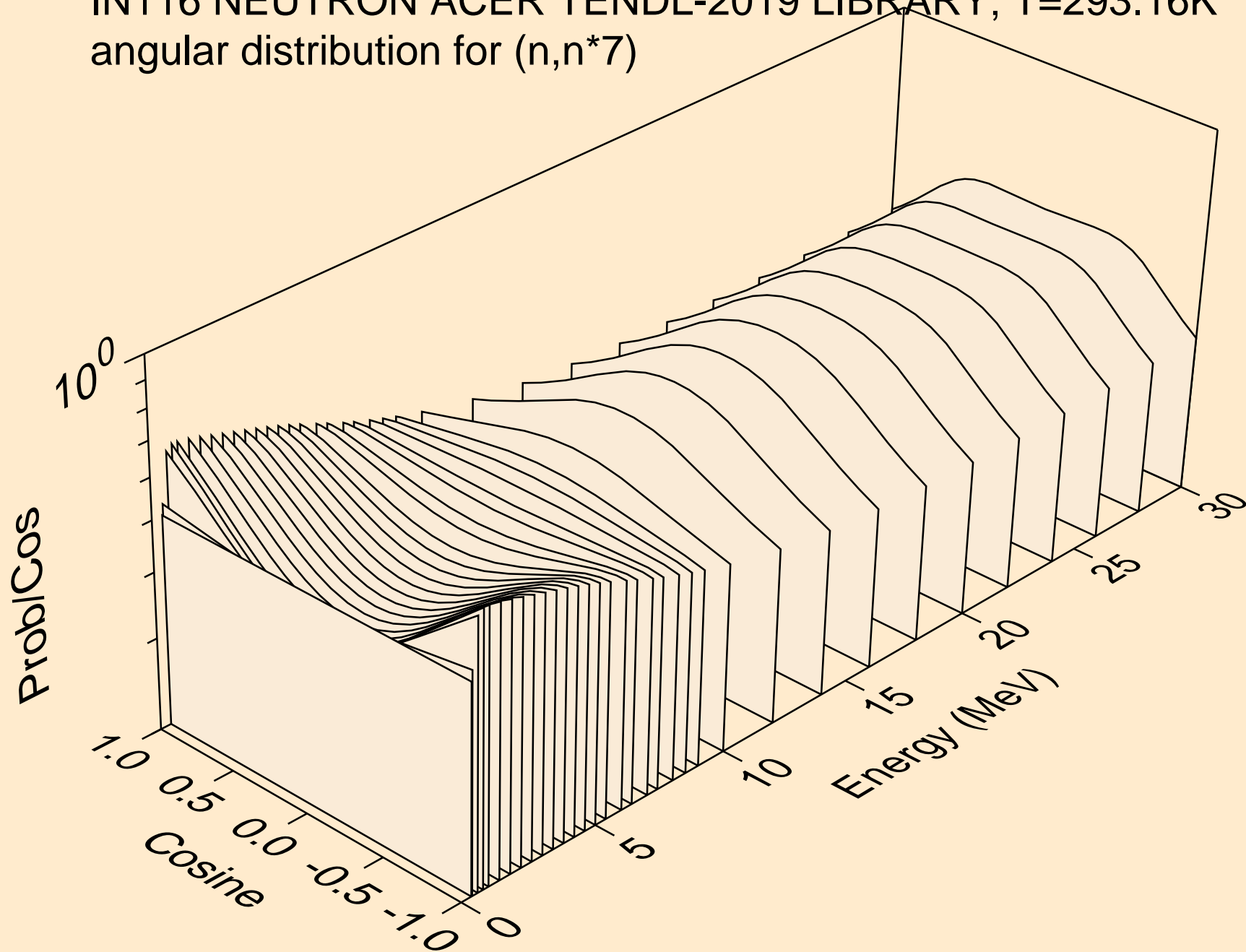
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)

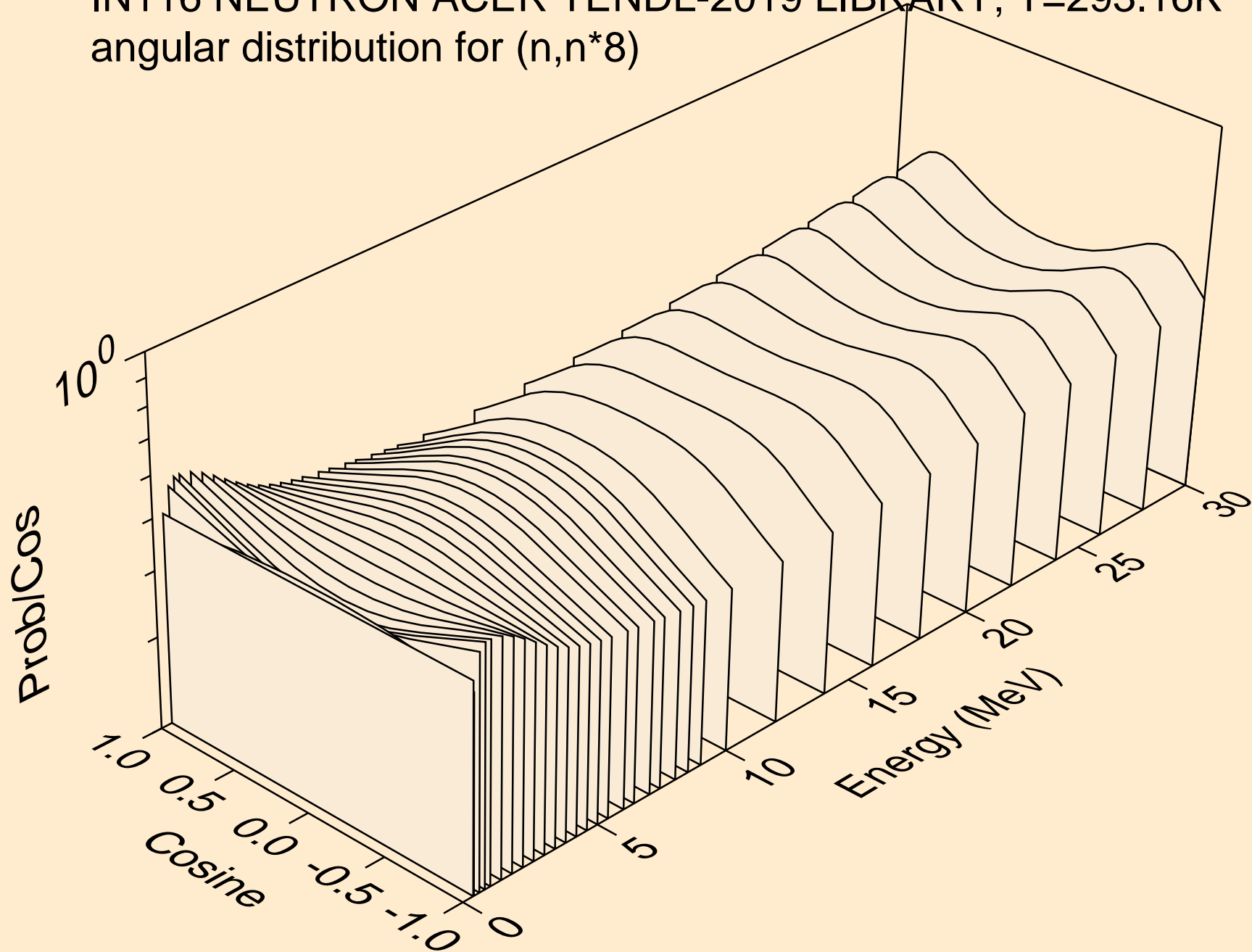


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)

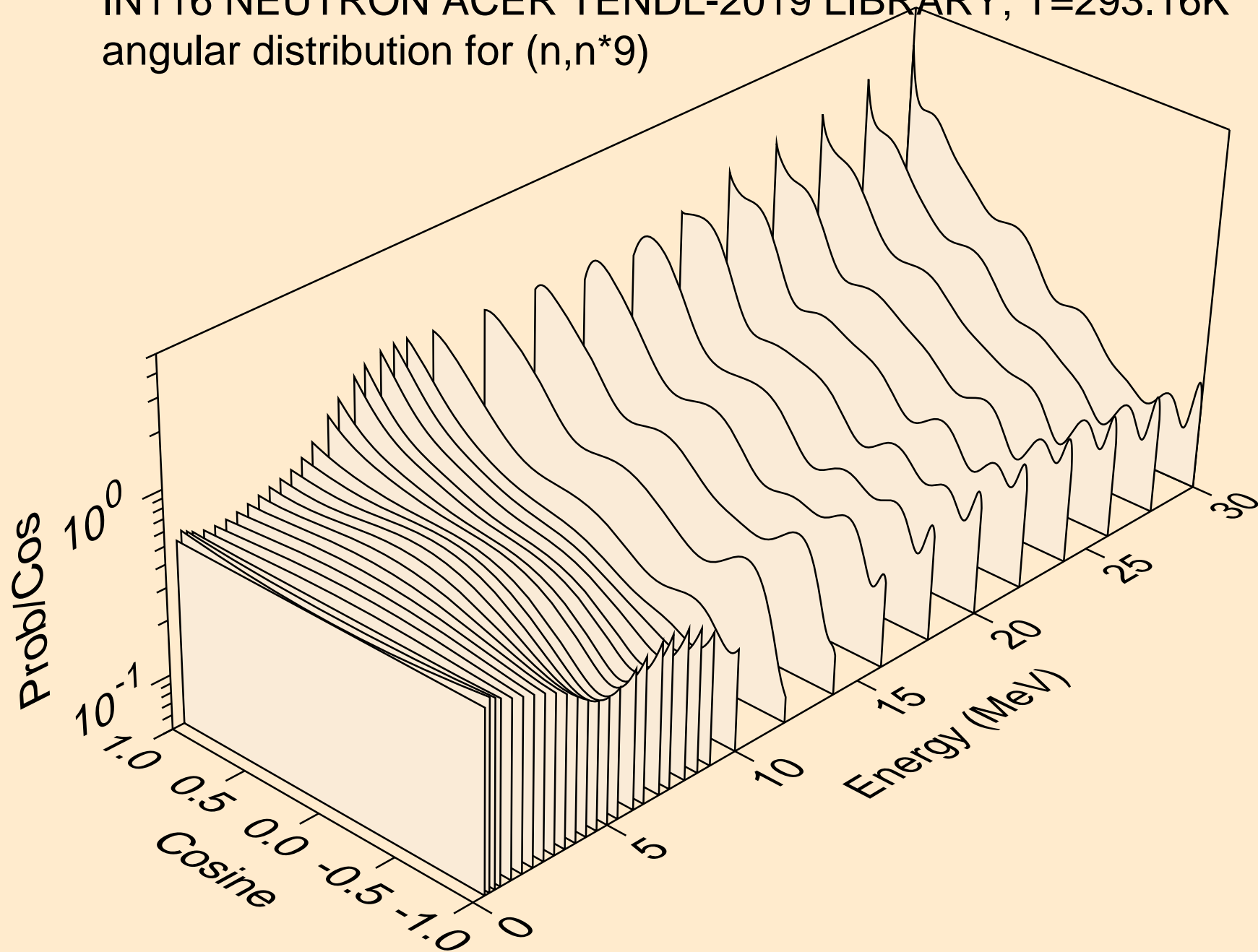




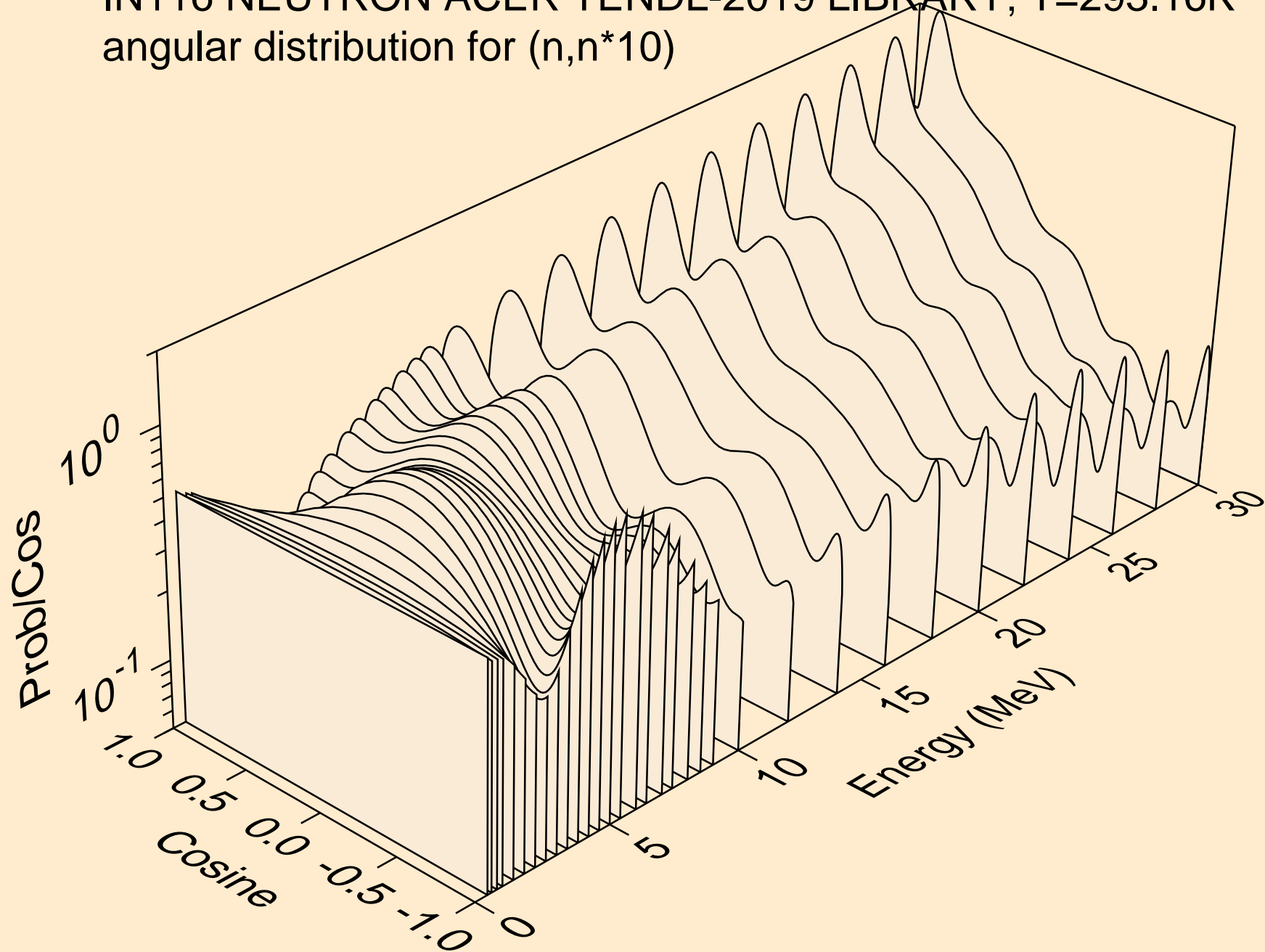
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)



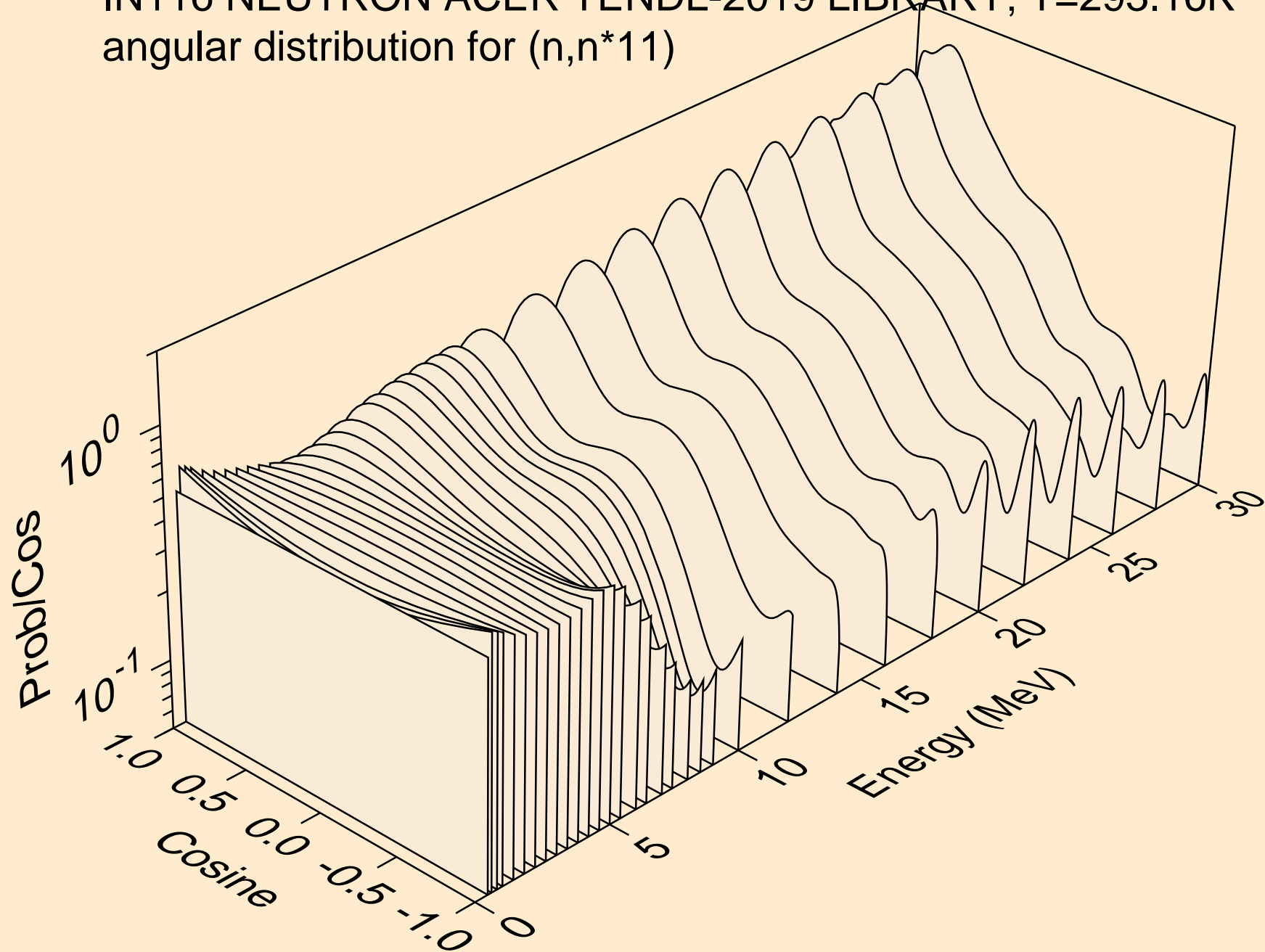
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)



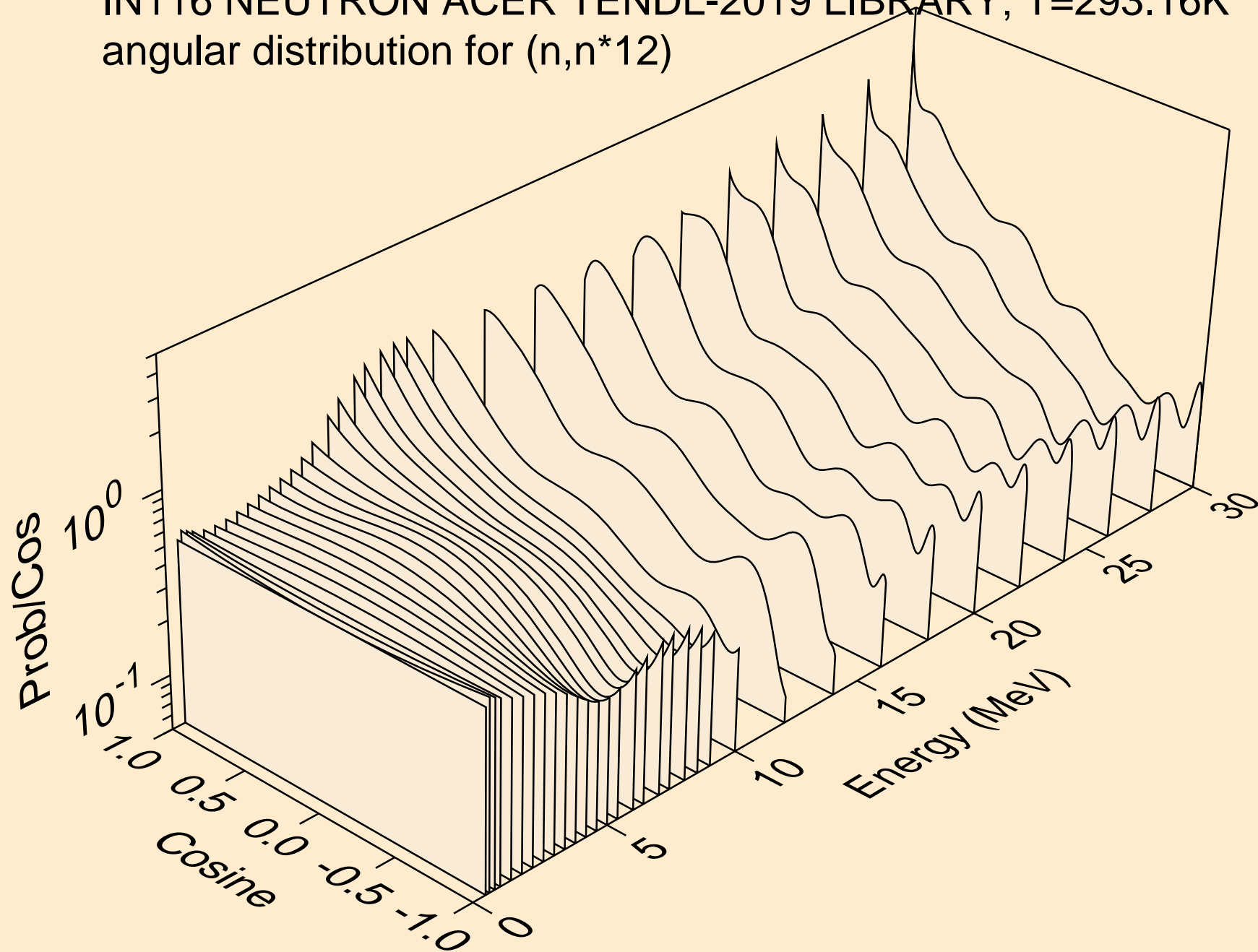
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)



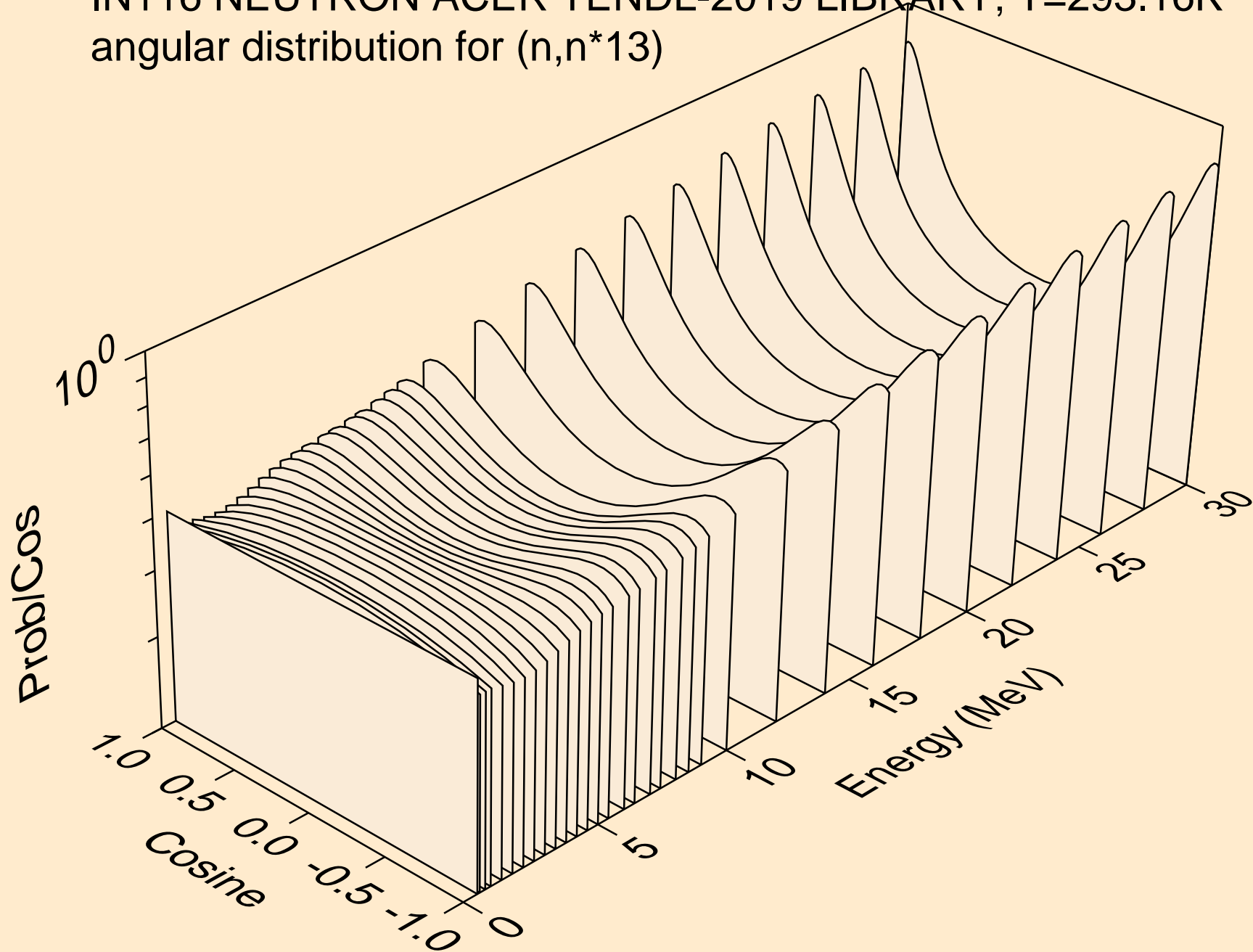
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



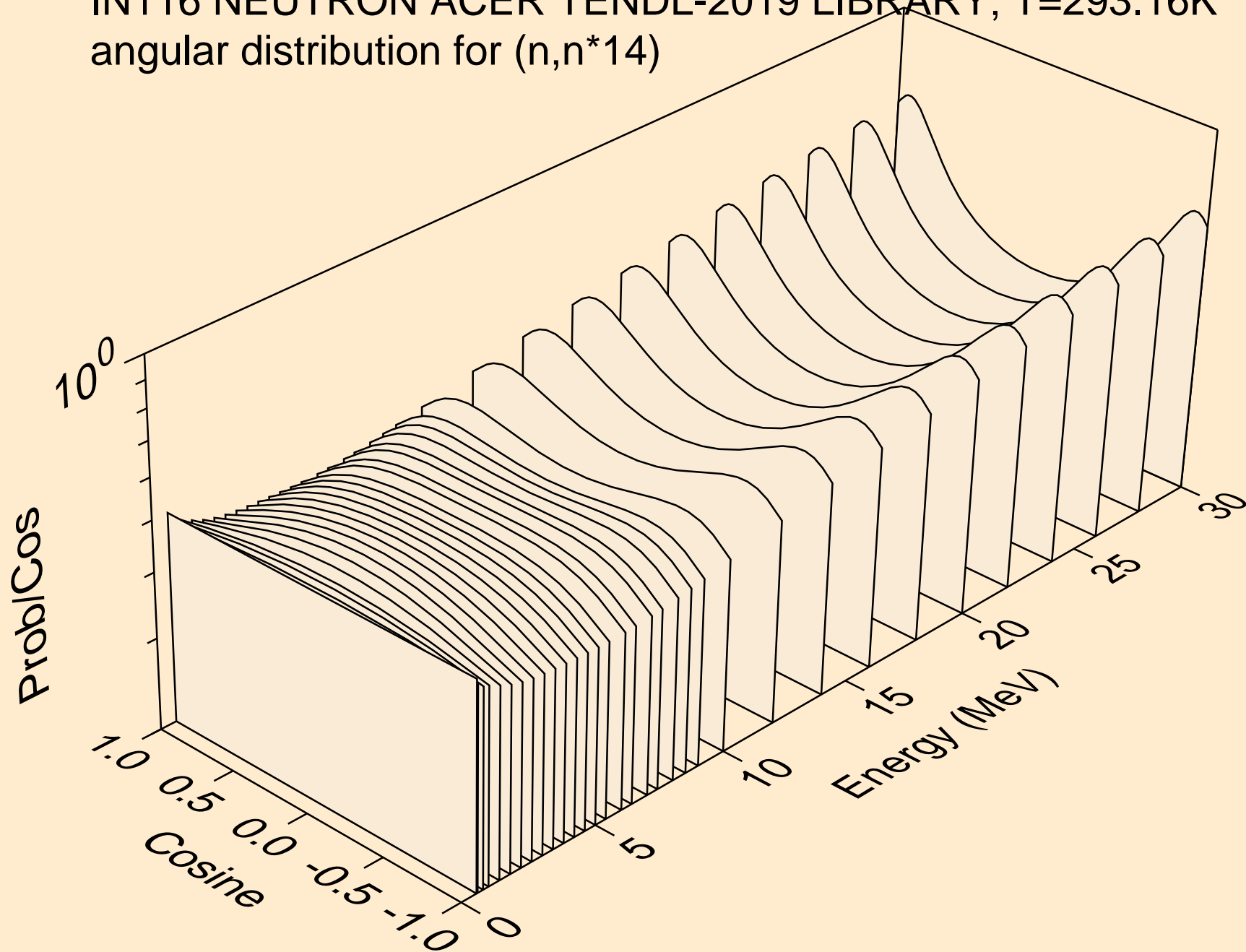
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



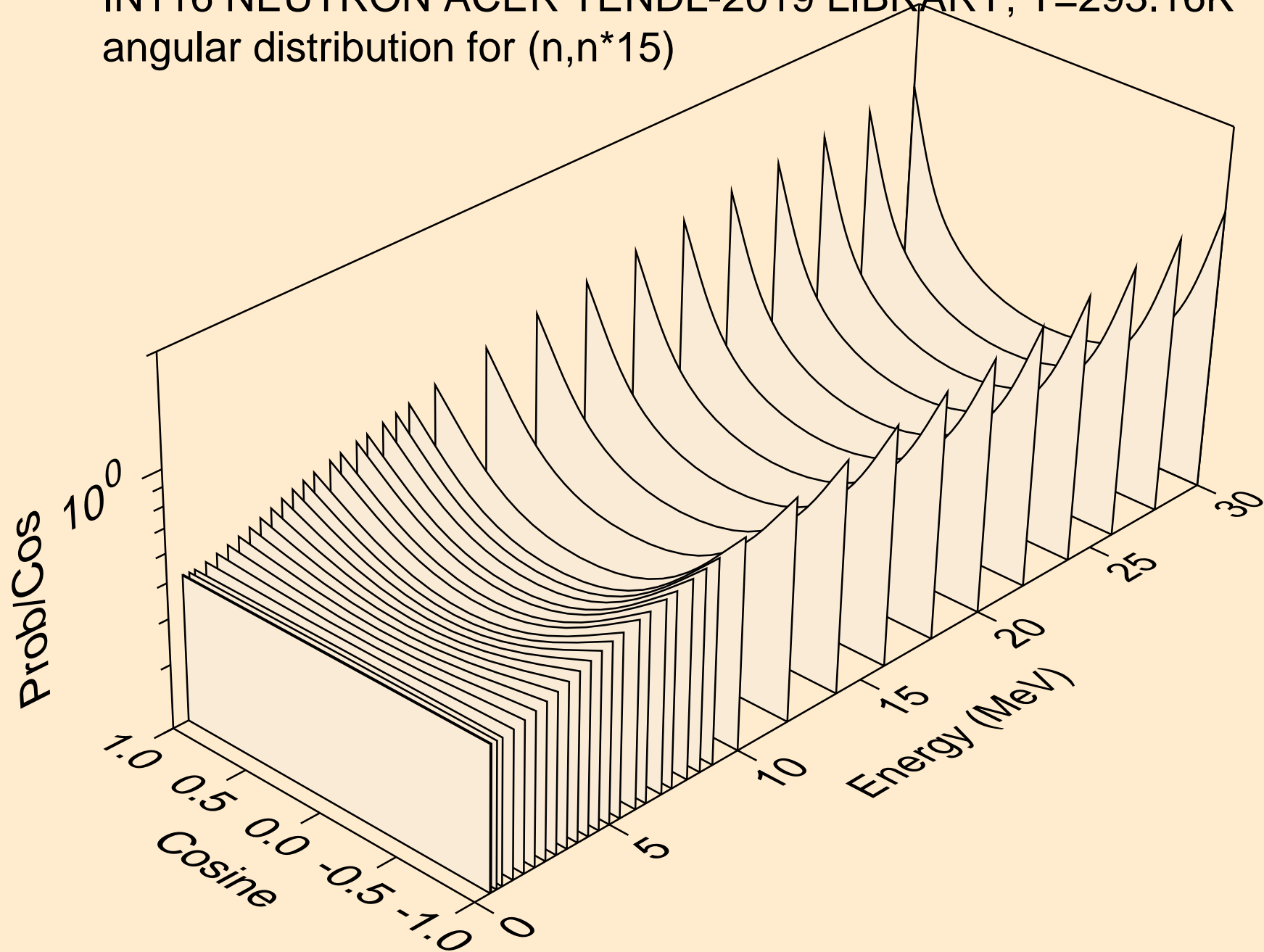
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)

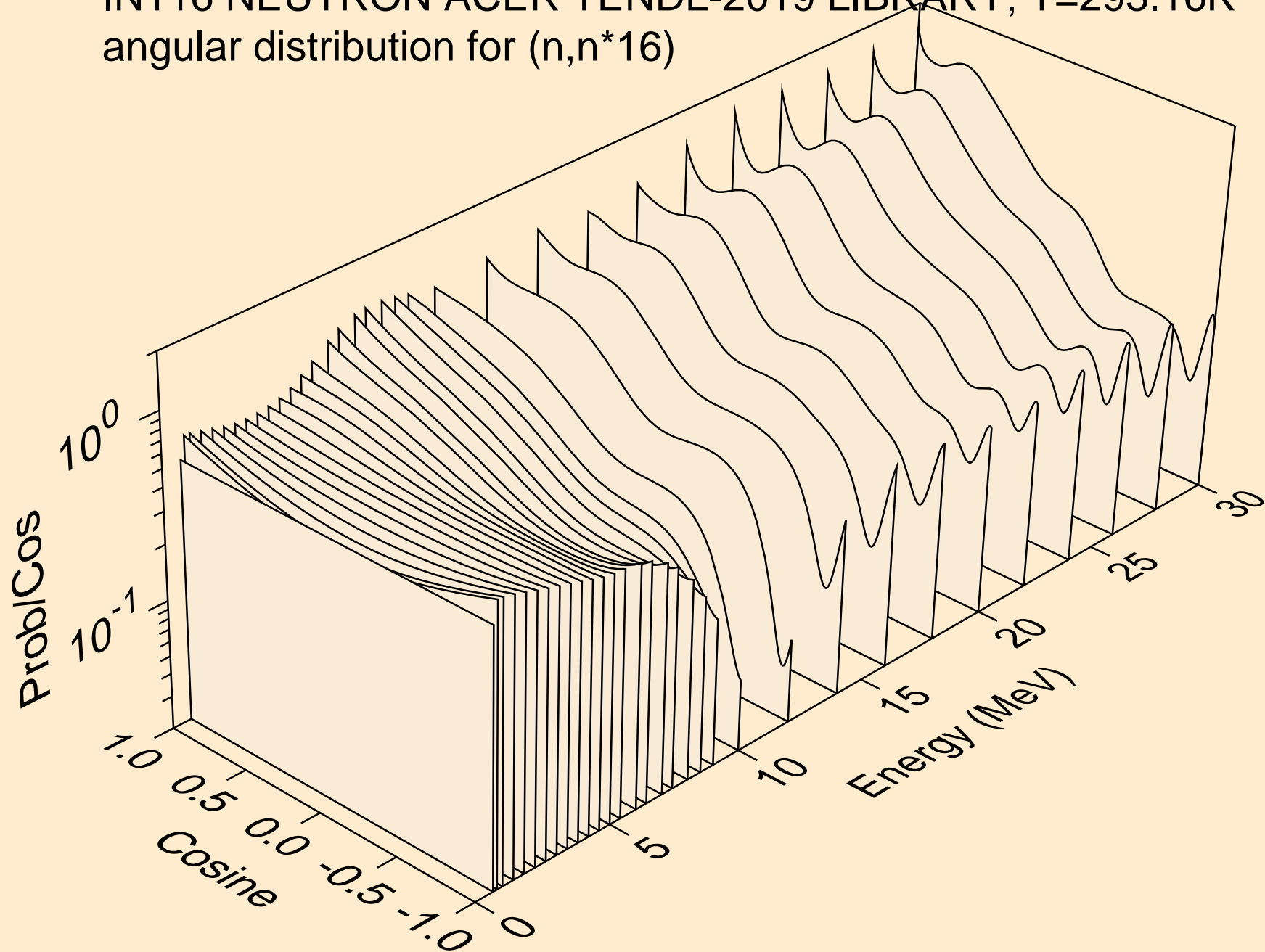


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)

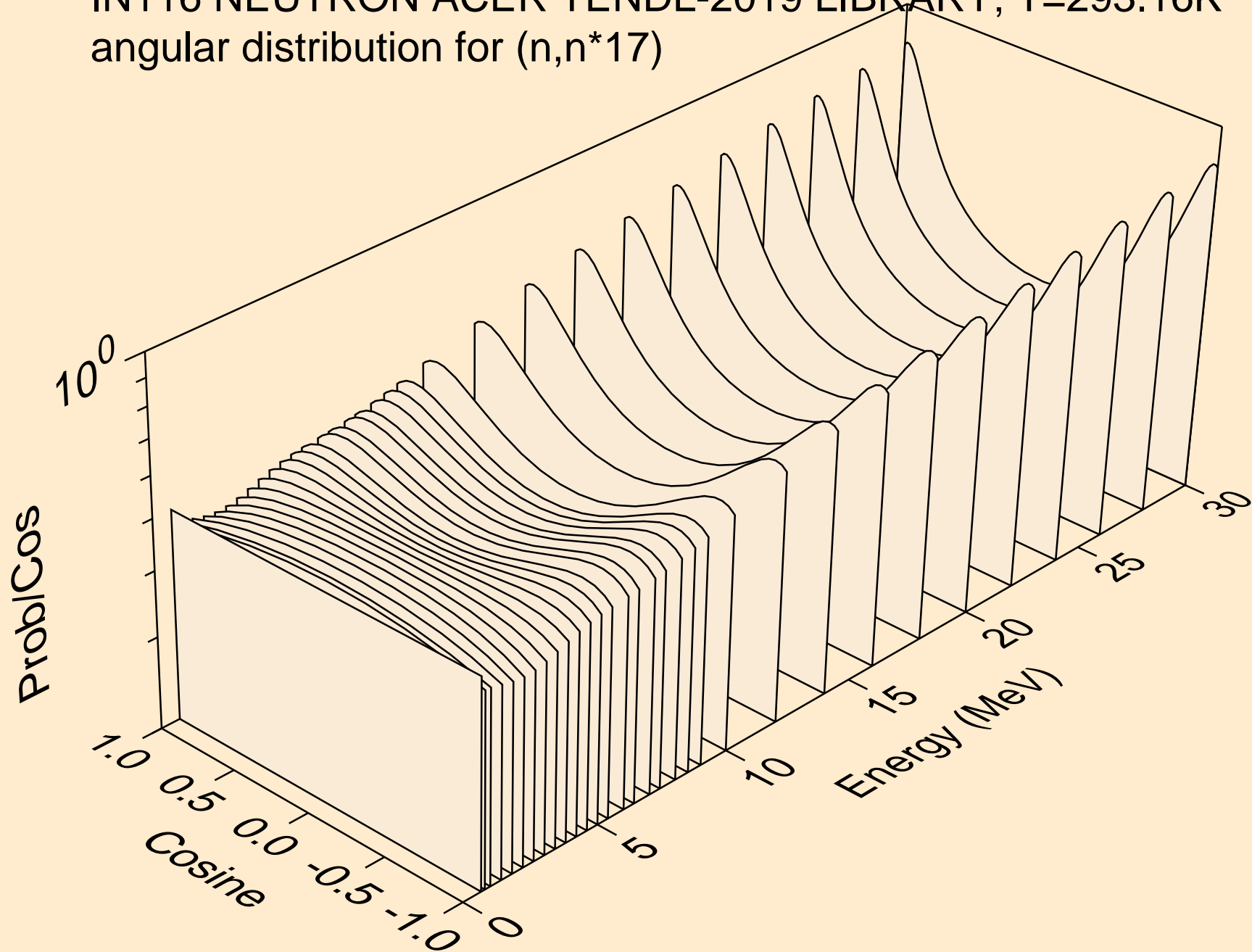




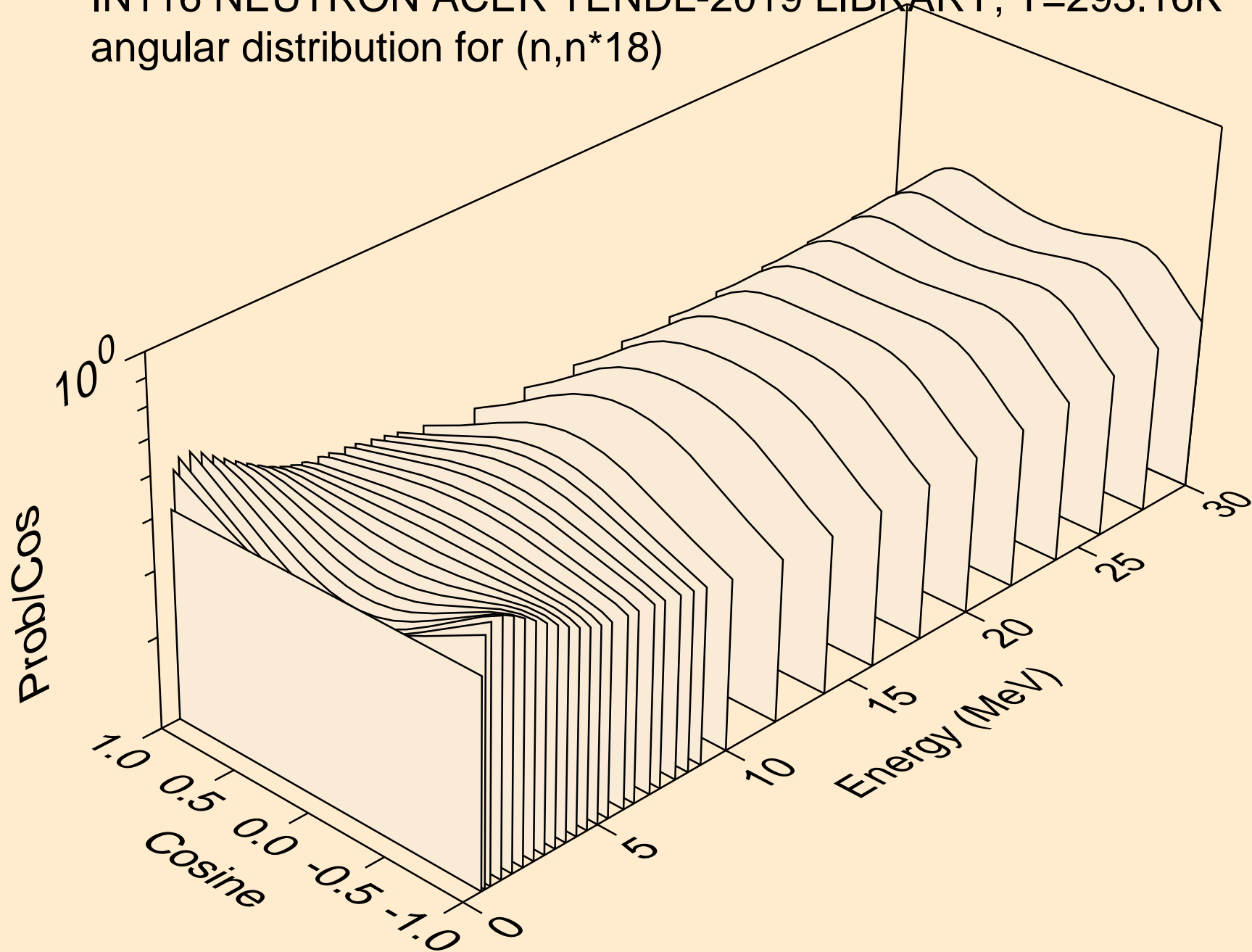
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)



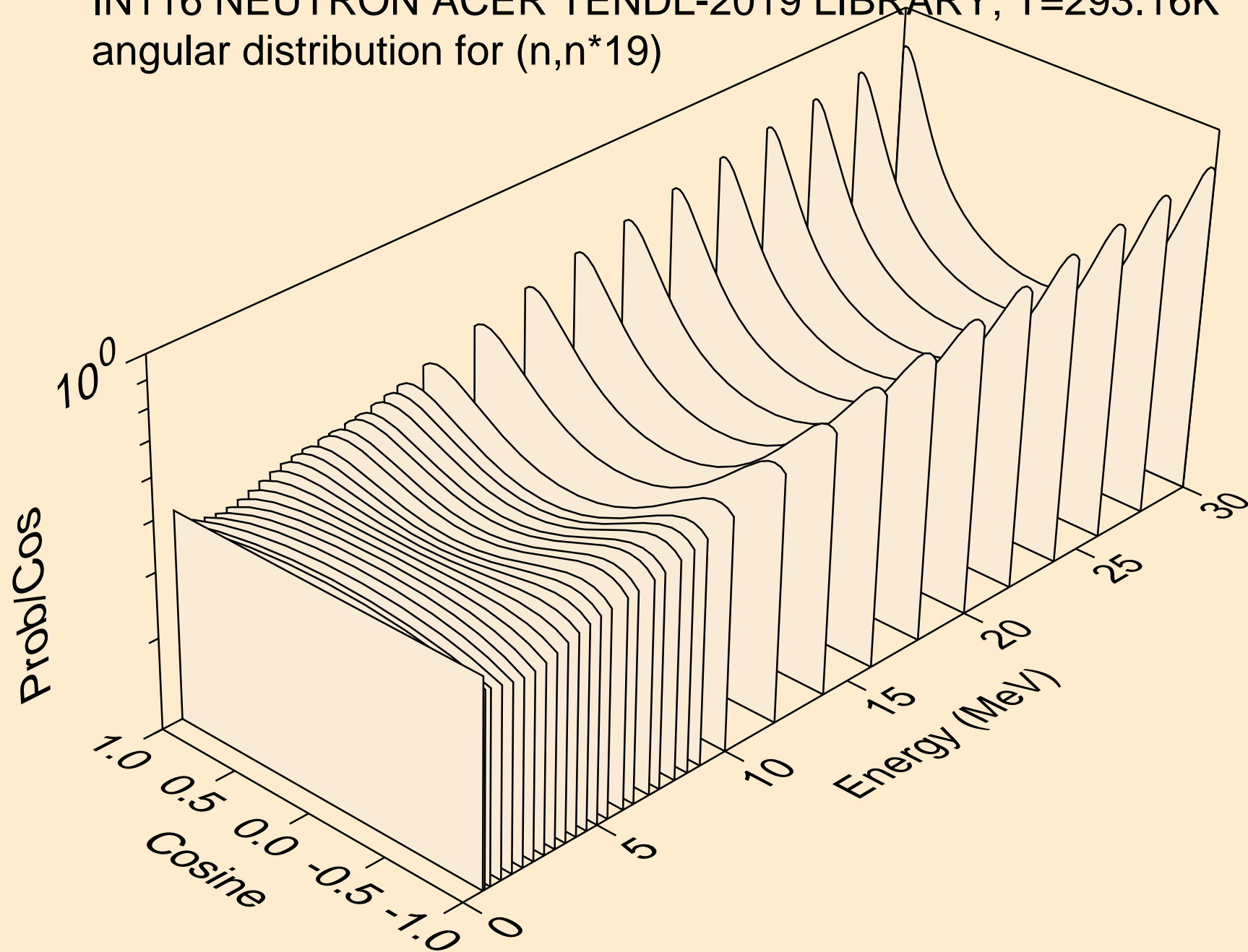
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)



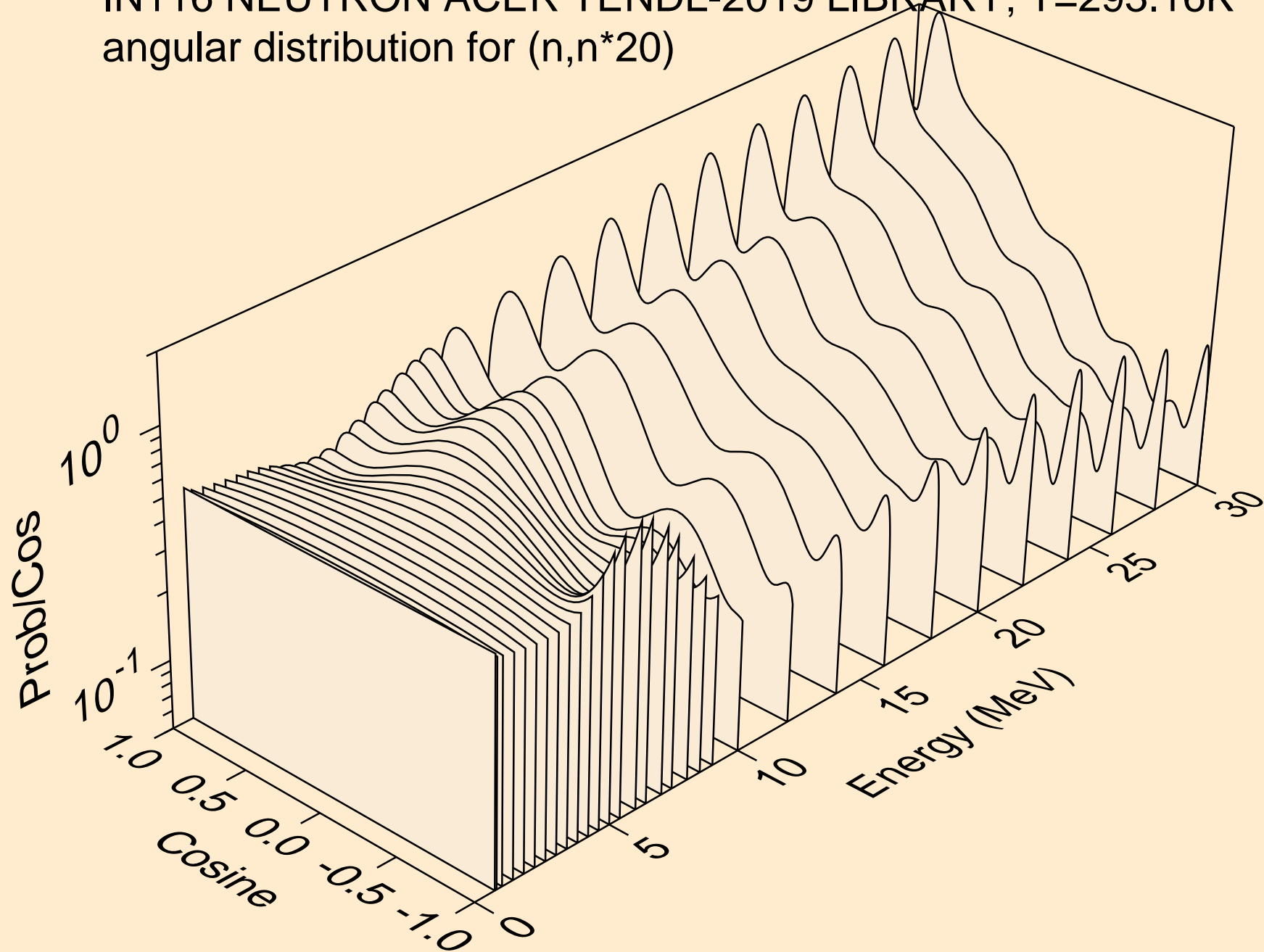
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)



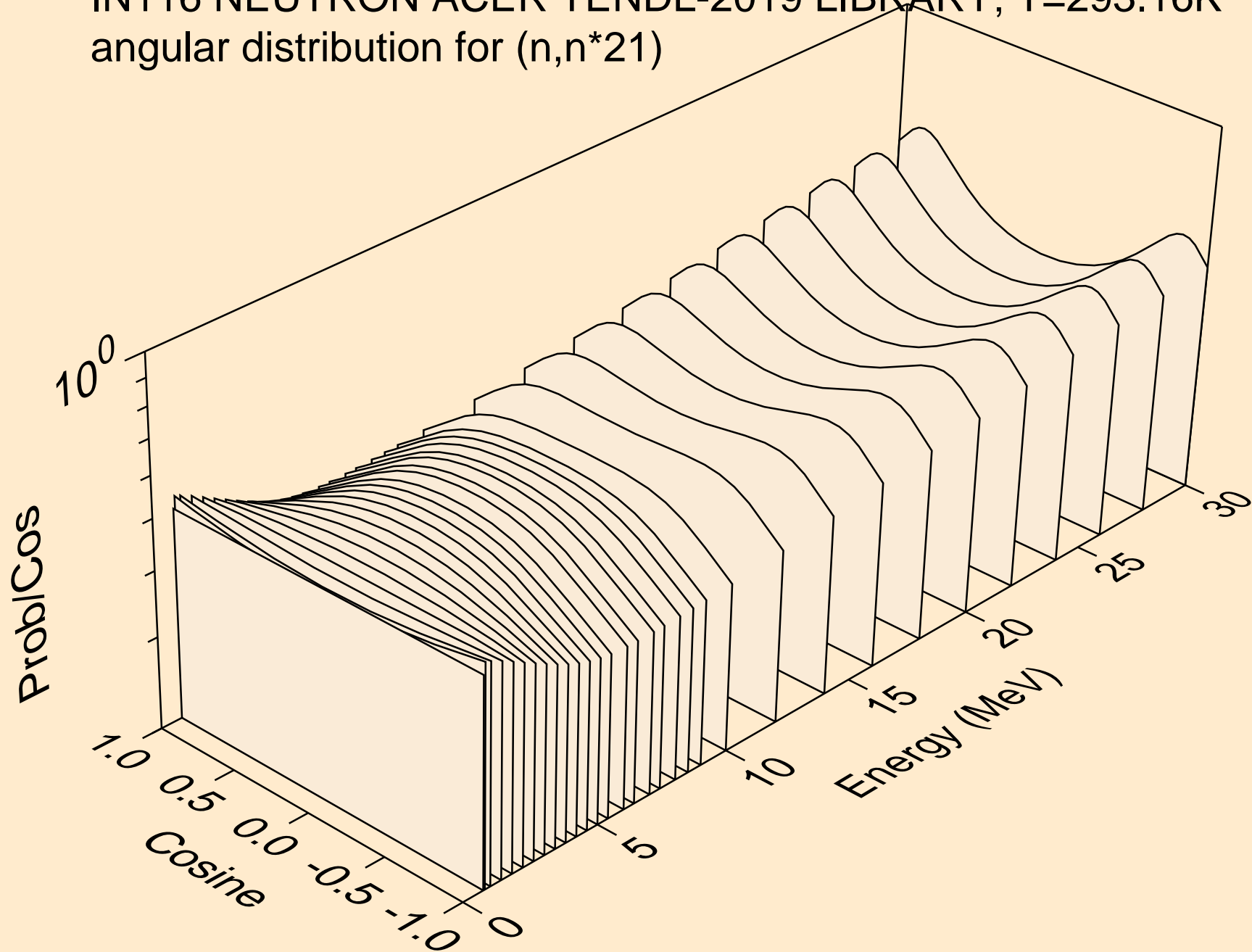
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)



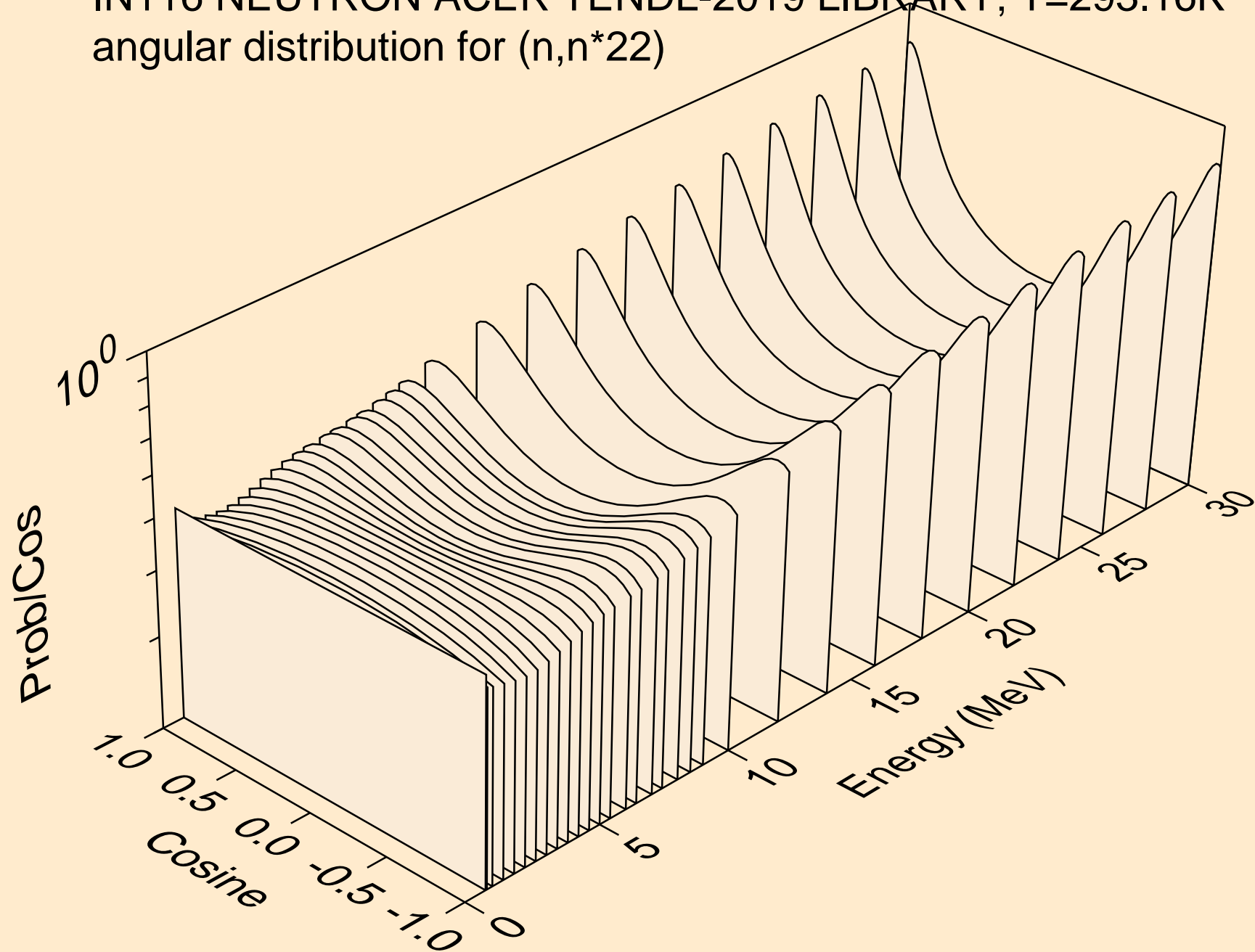
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



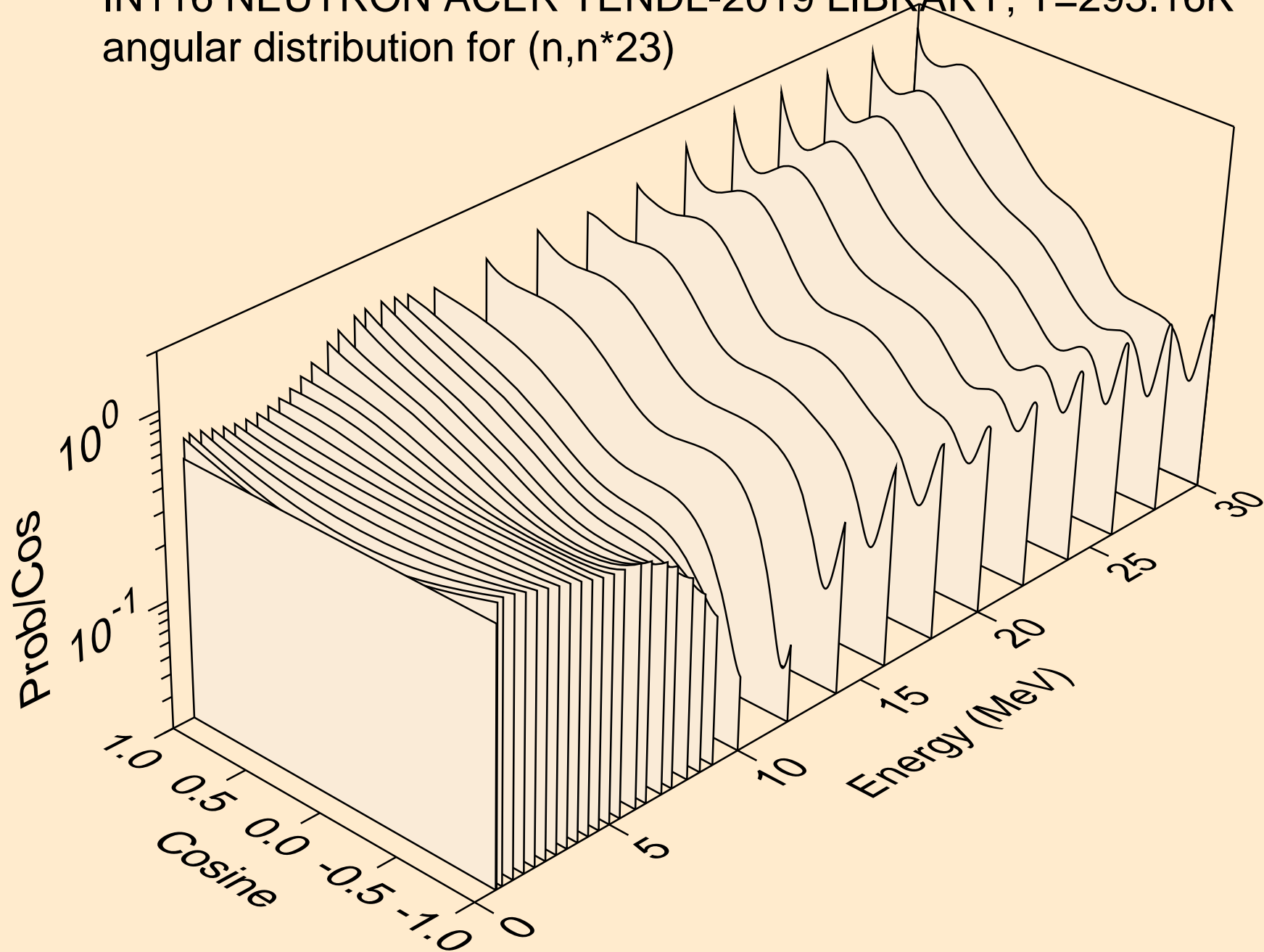
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)

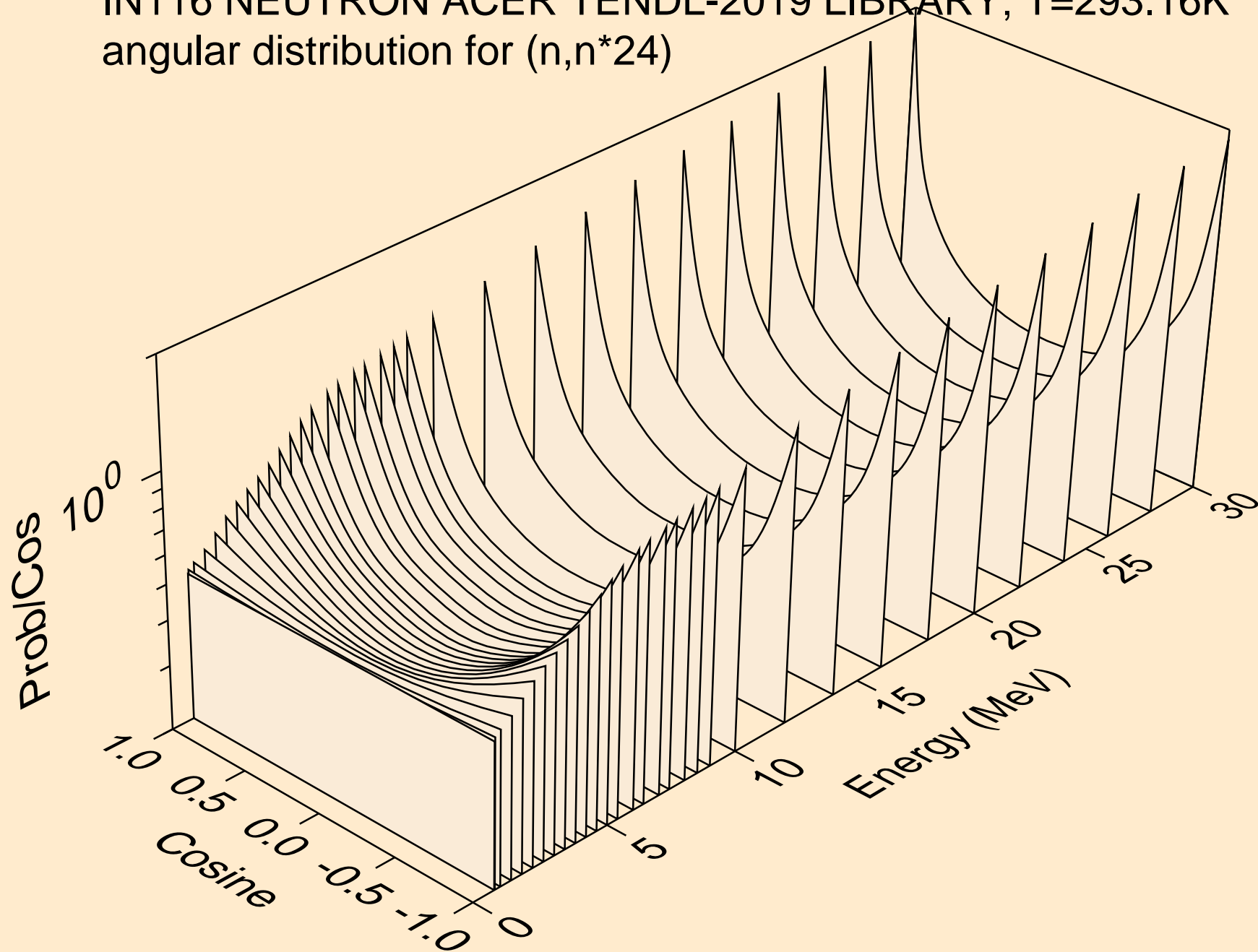


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)

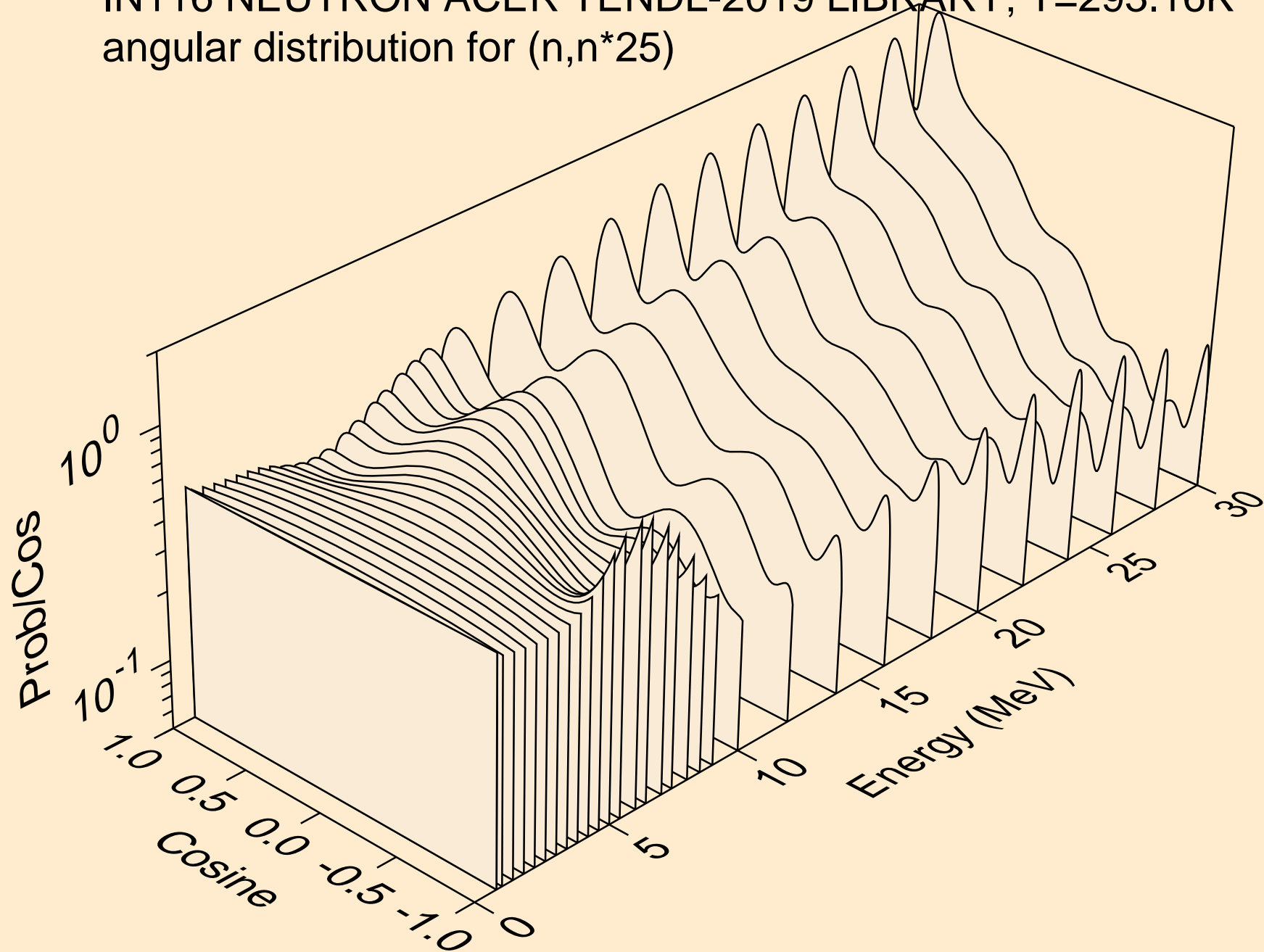




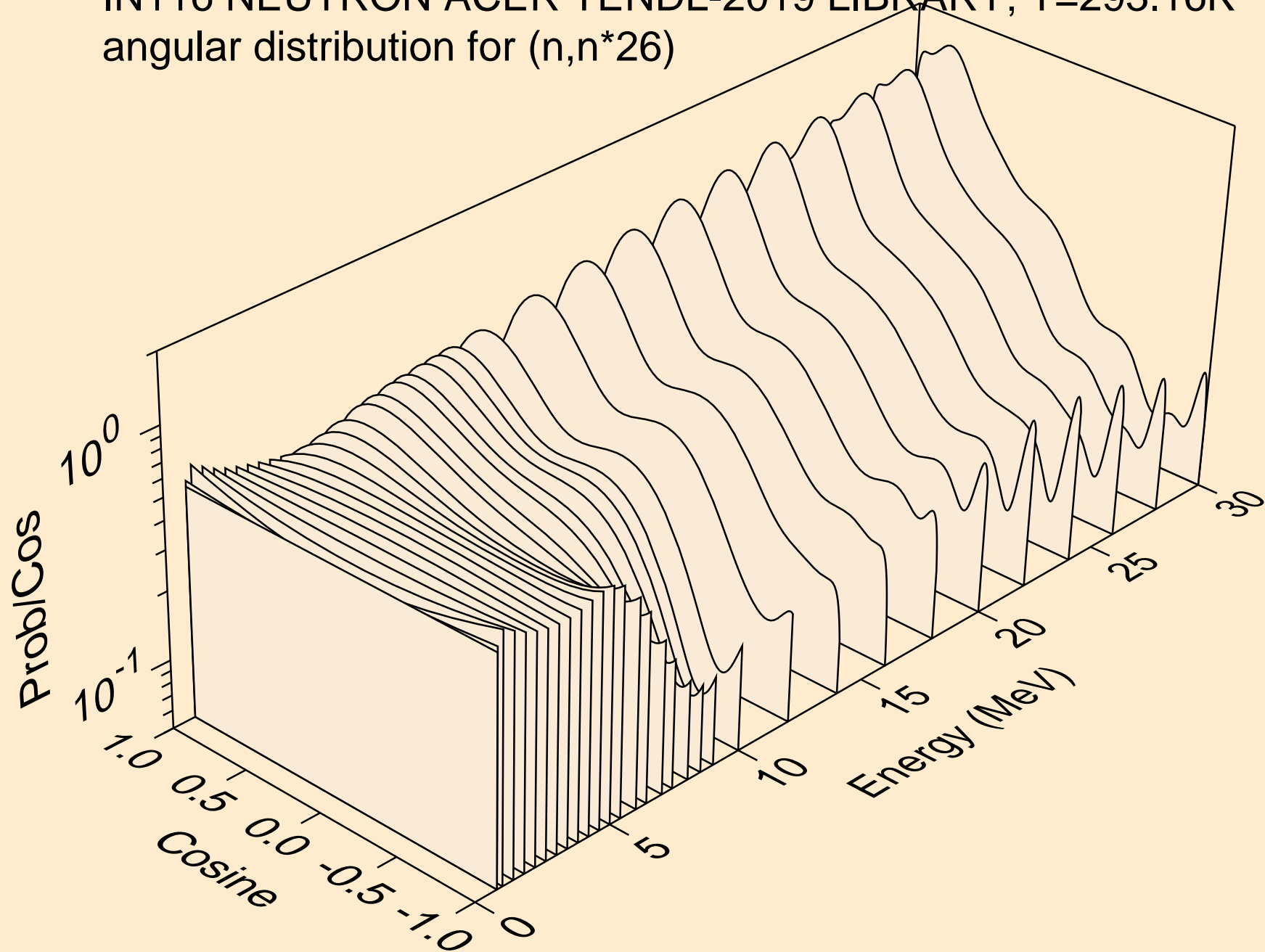
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)



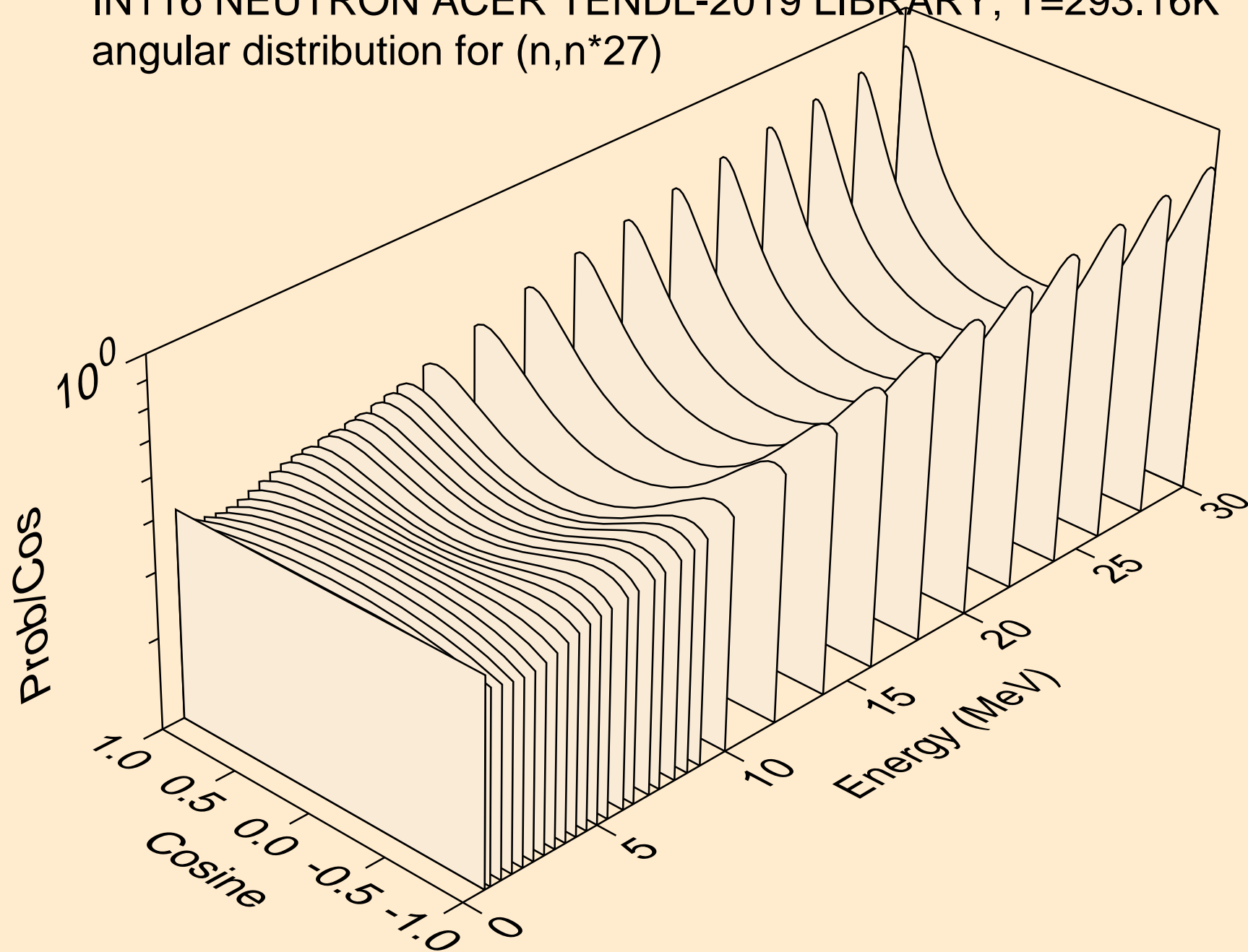
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)



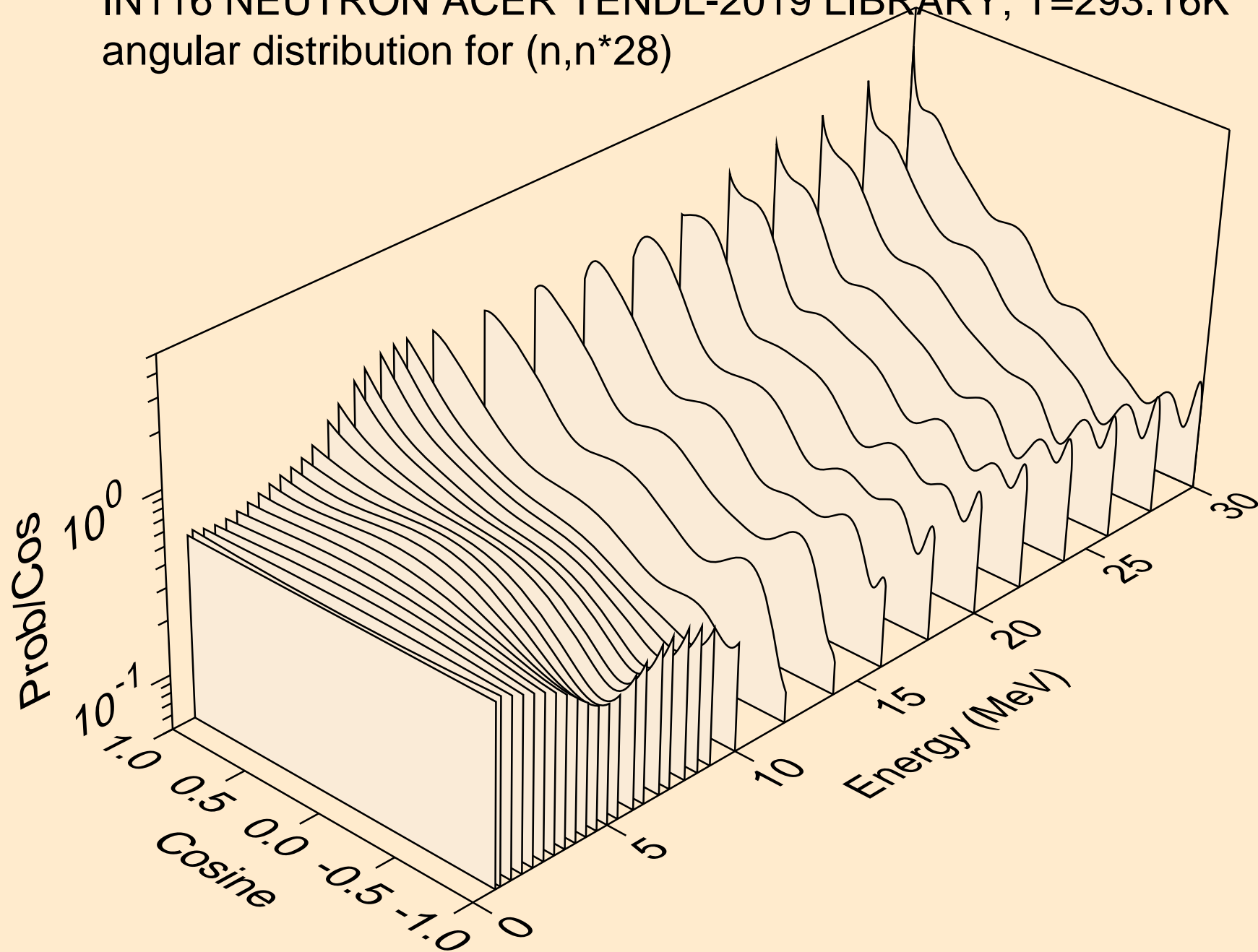
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)



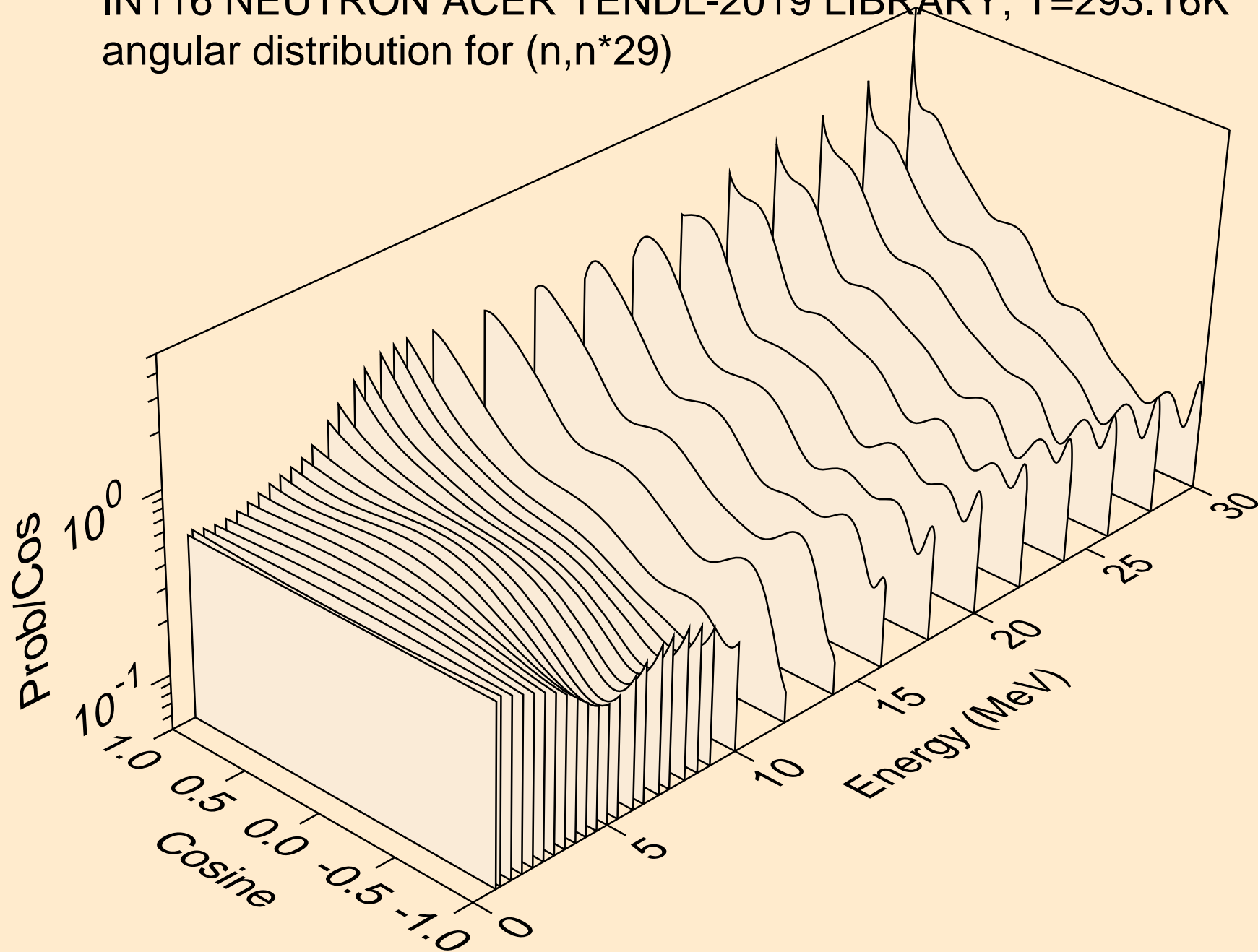
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)



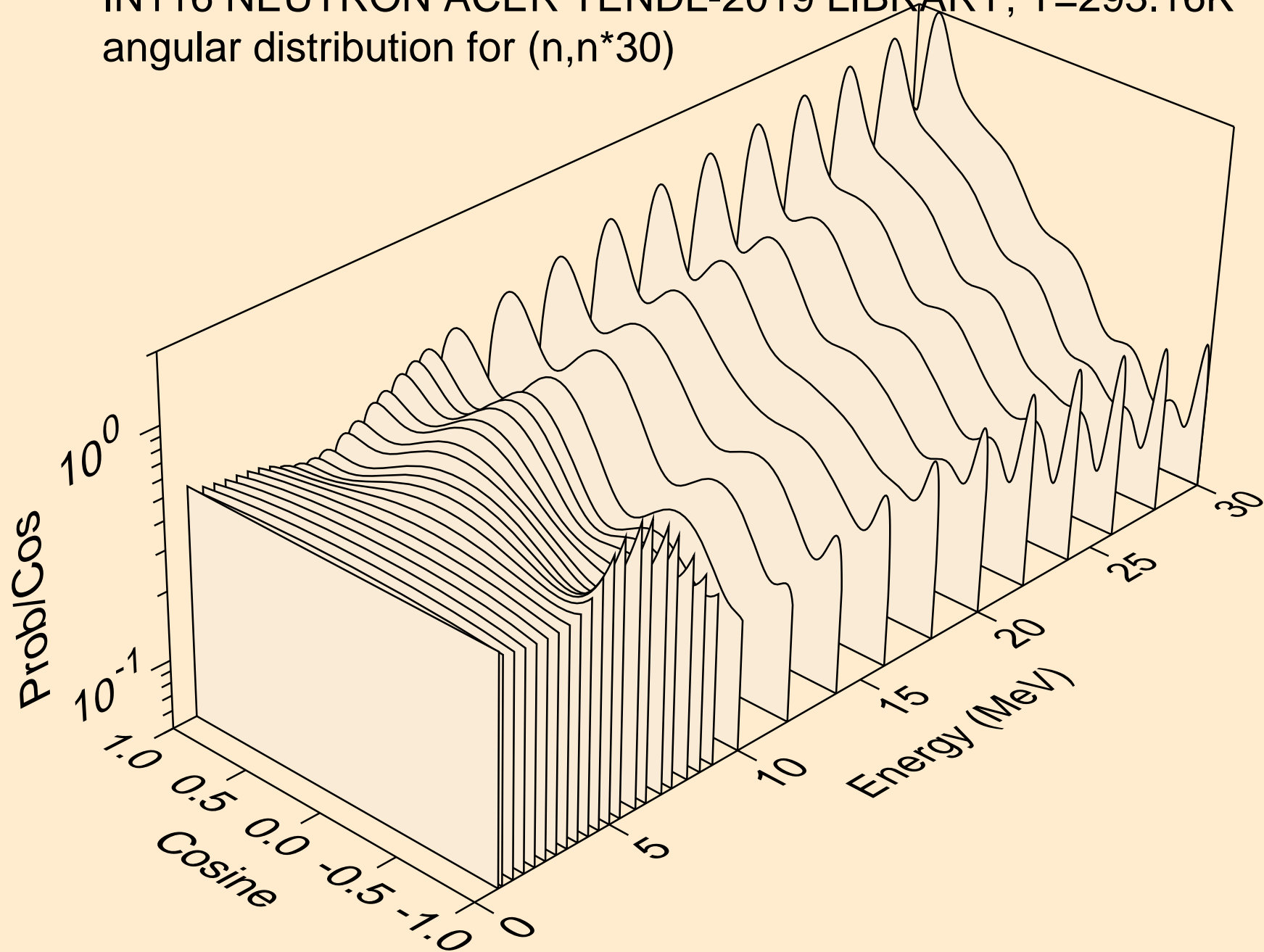
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



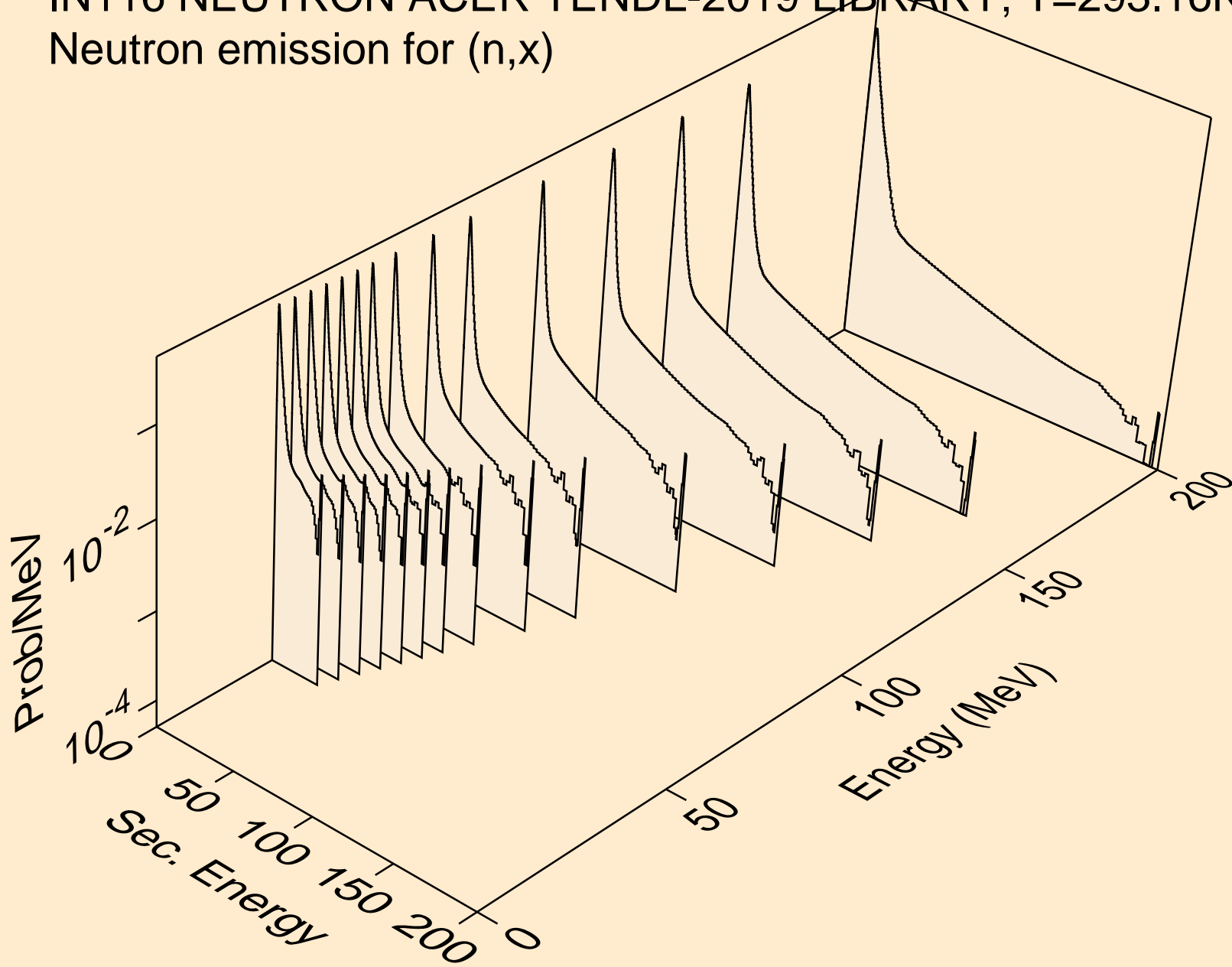
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*29)



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*30)

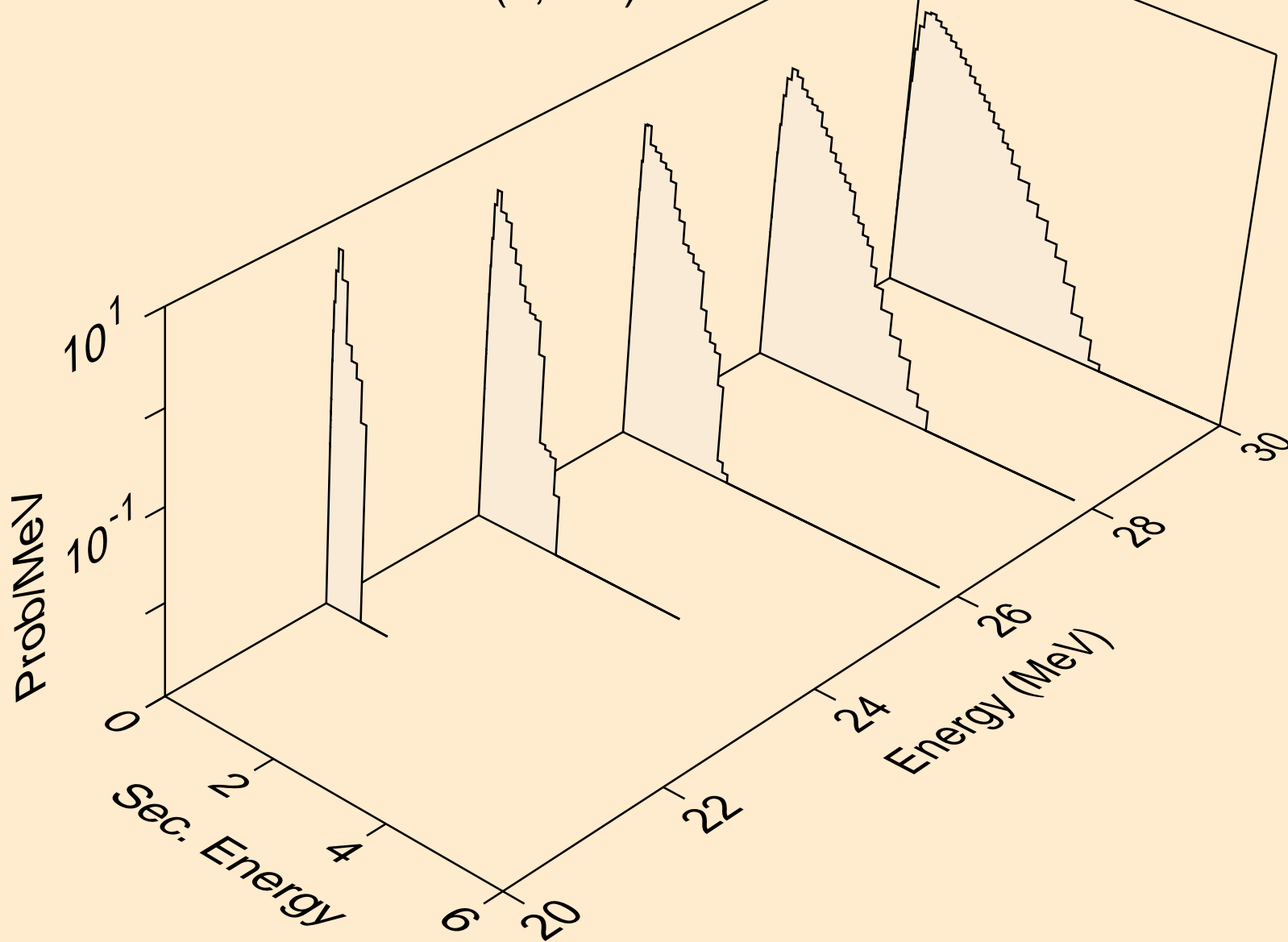


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)

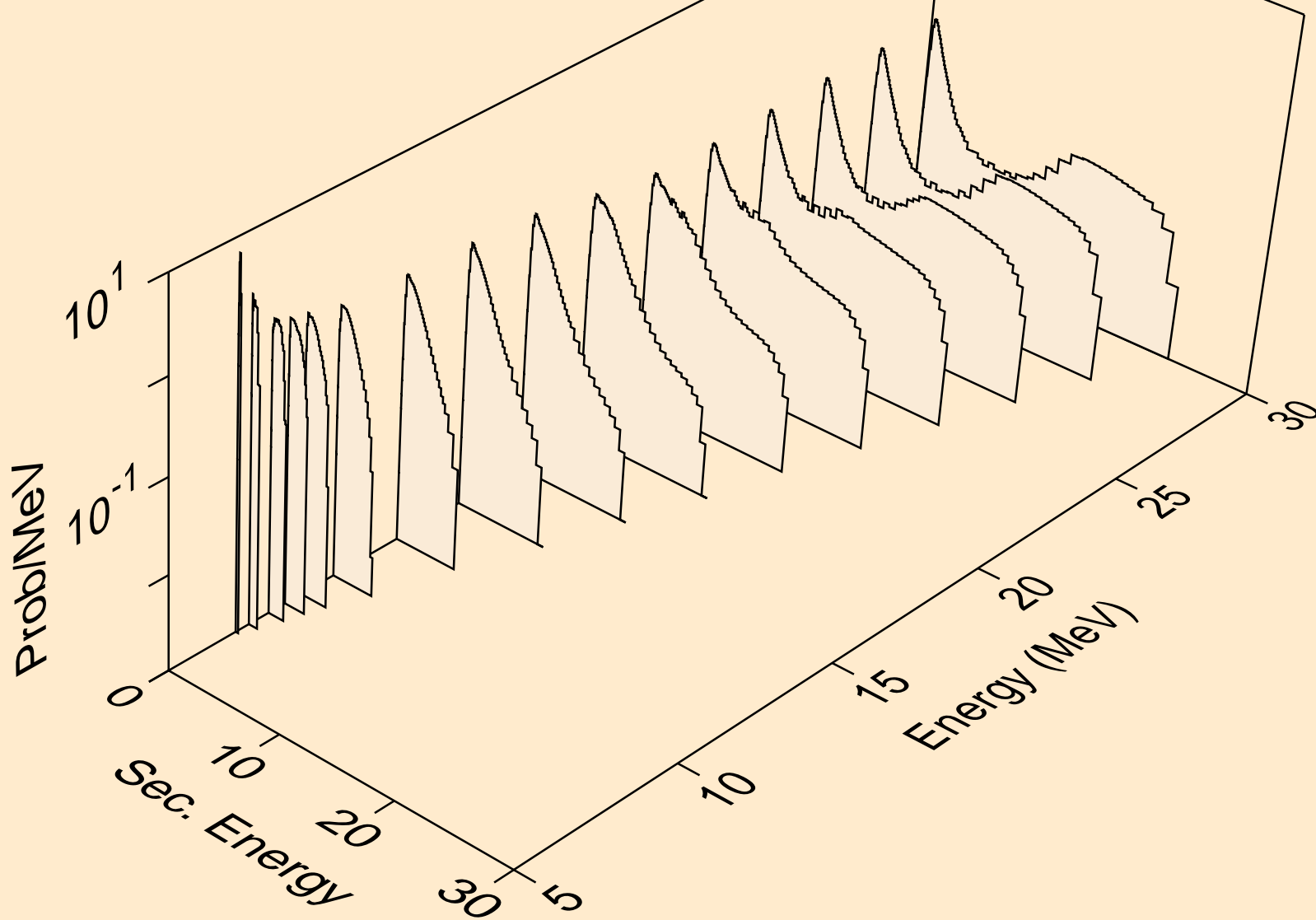




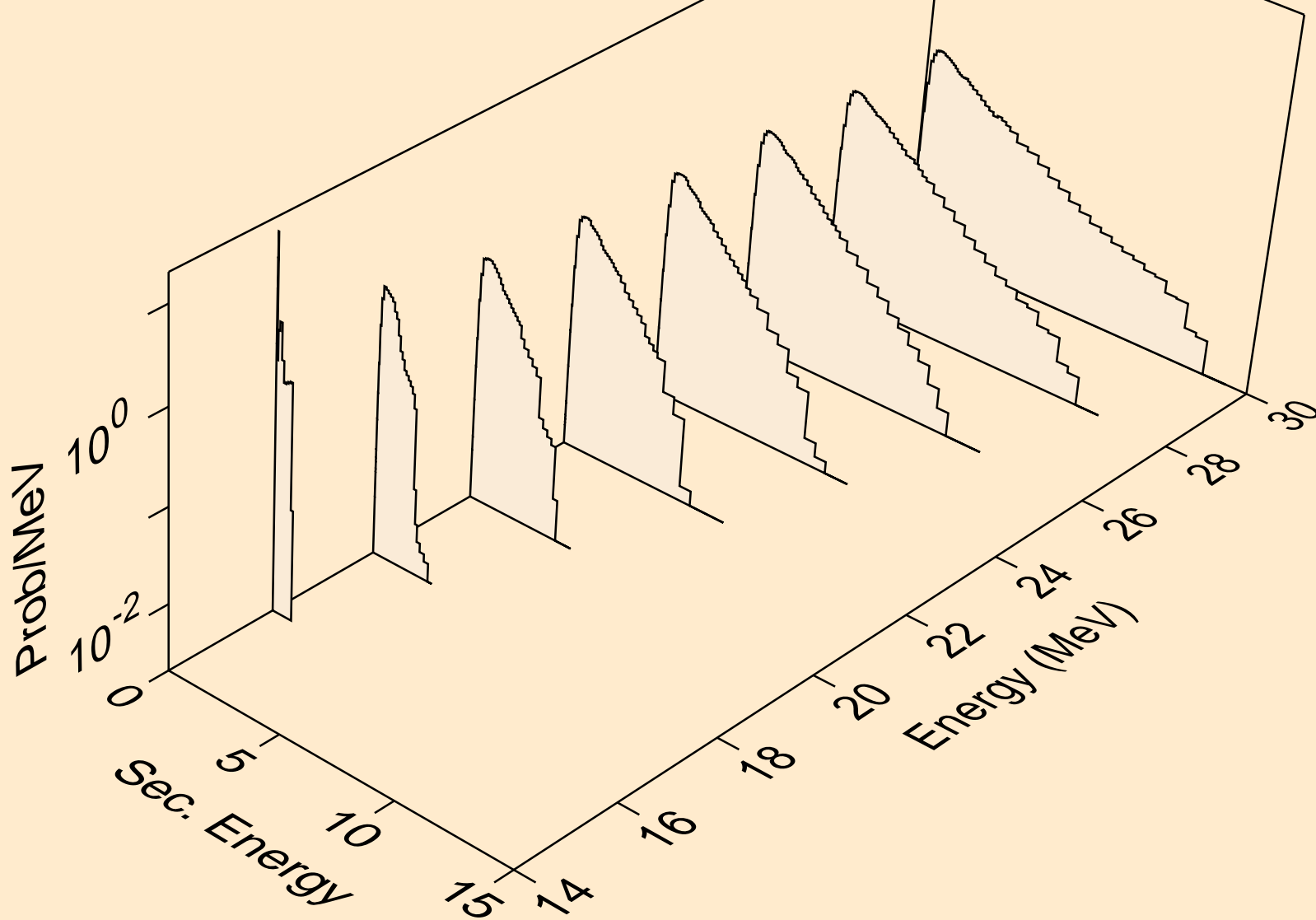
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



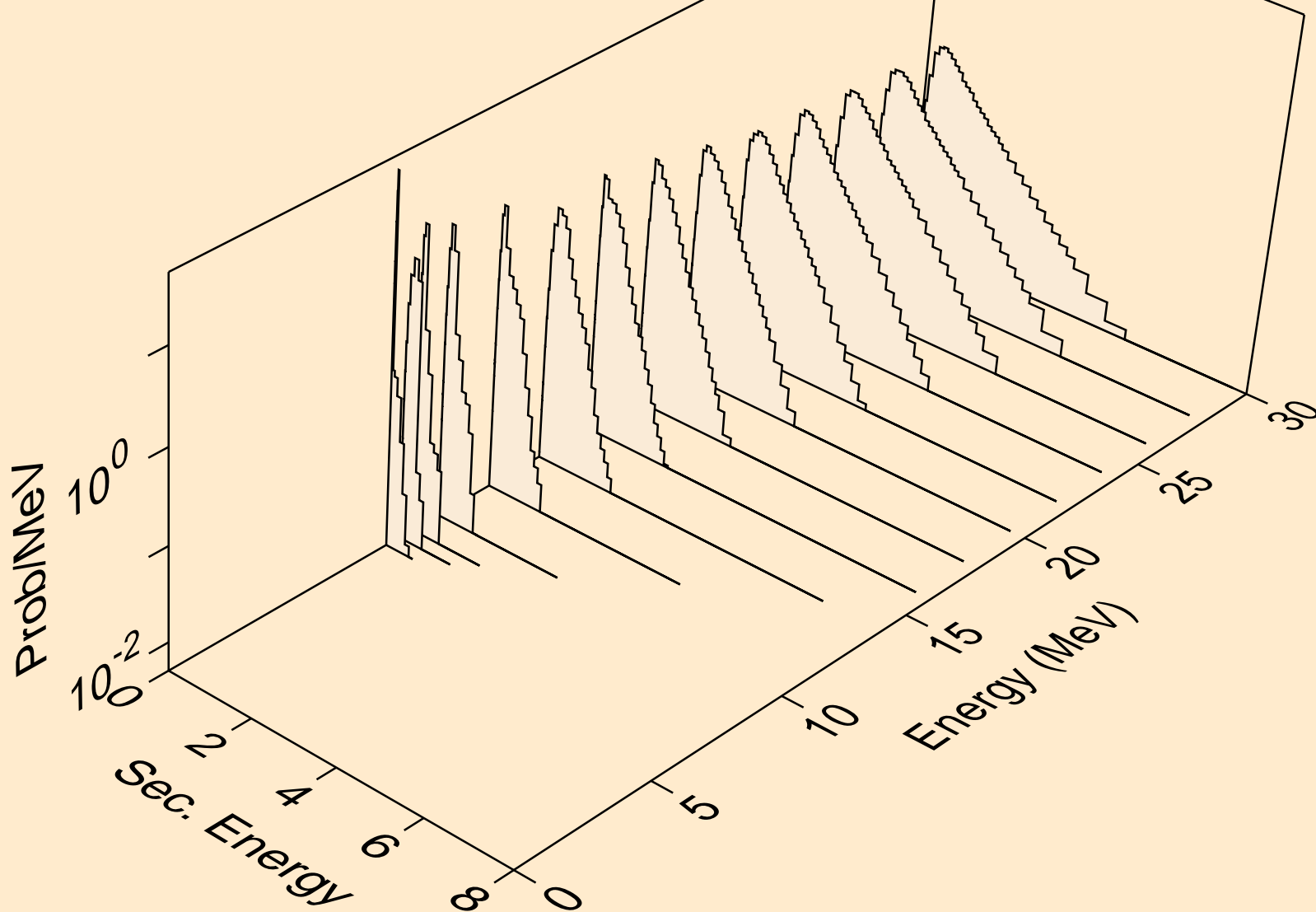
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



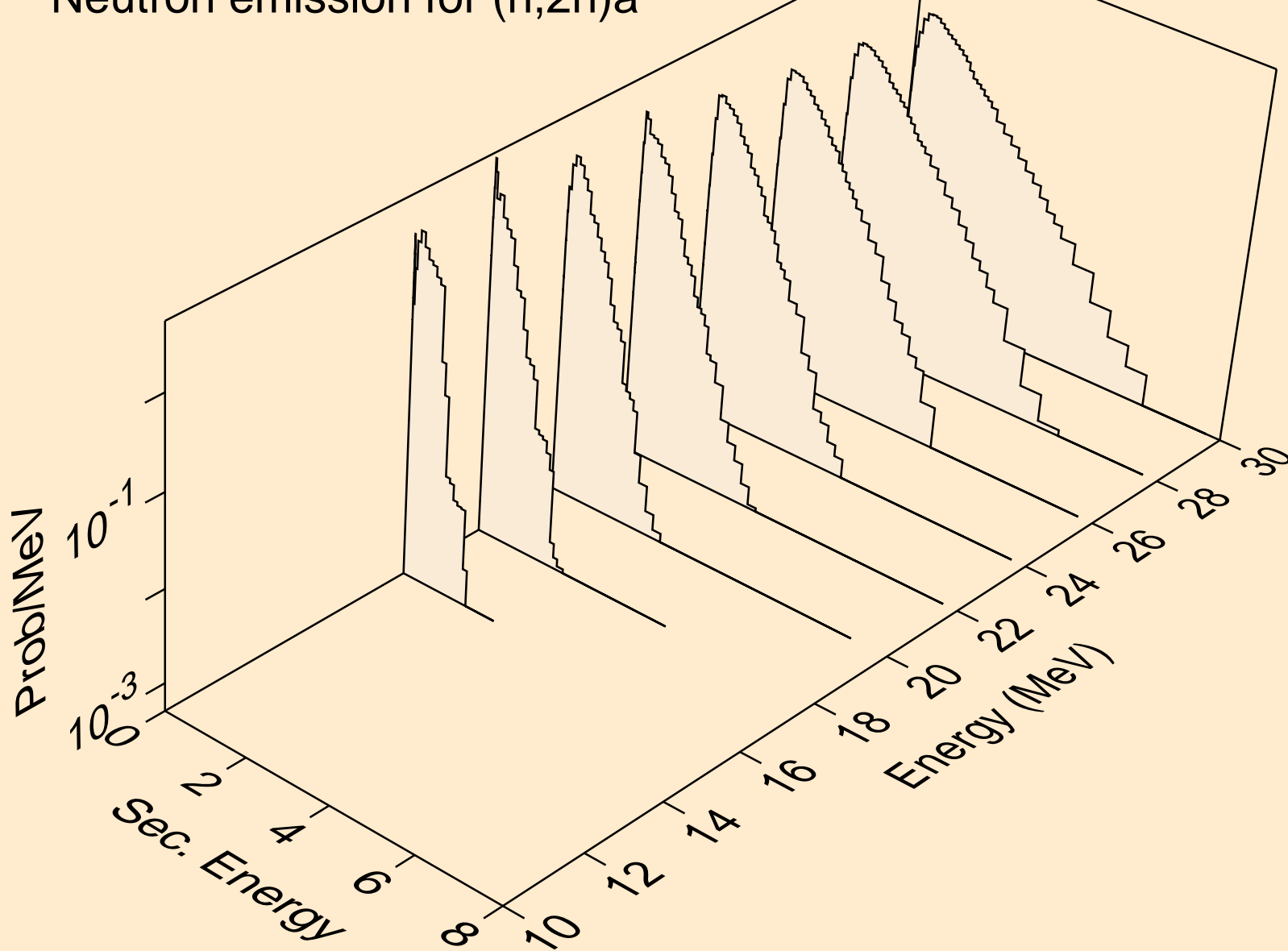
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



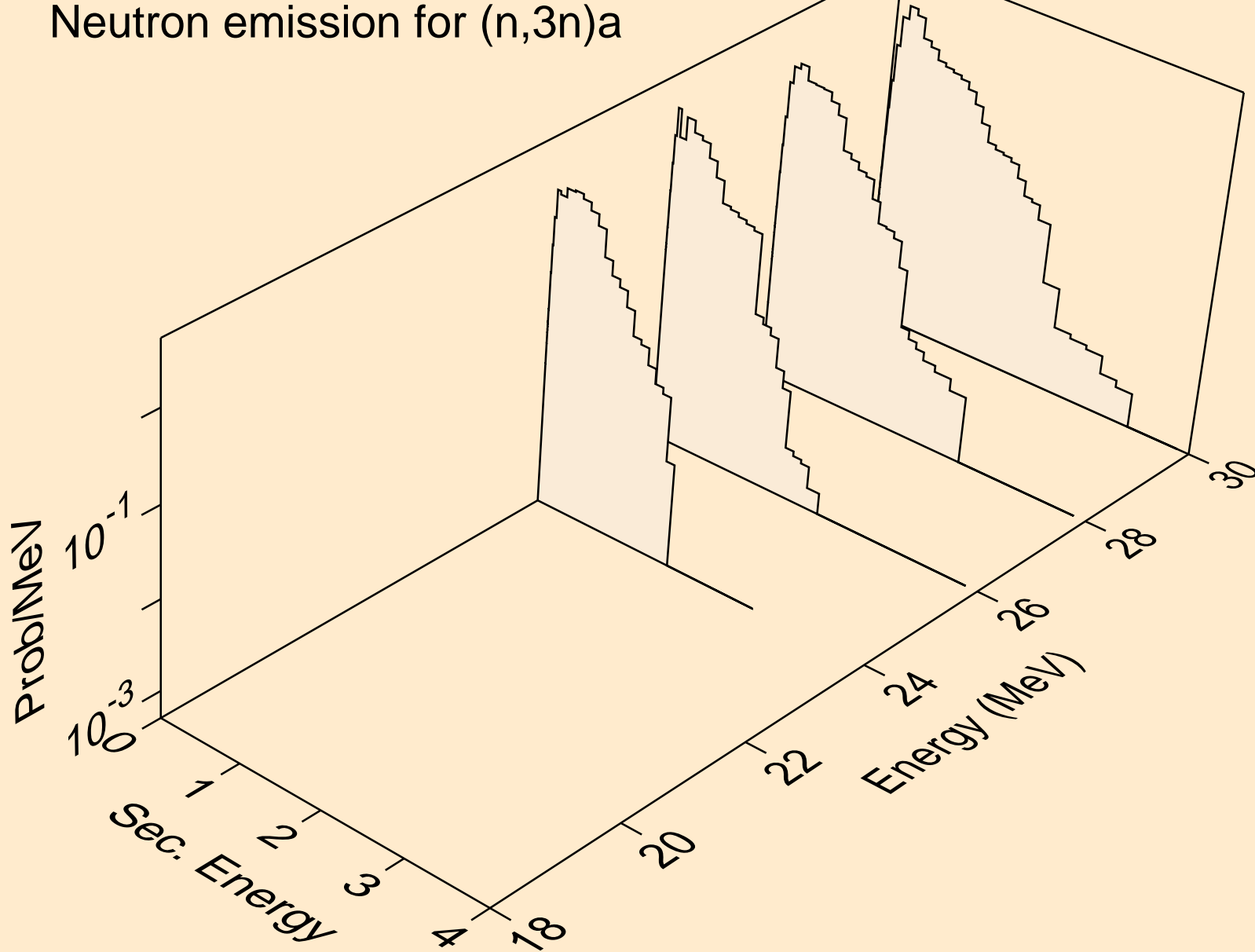
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



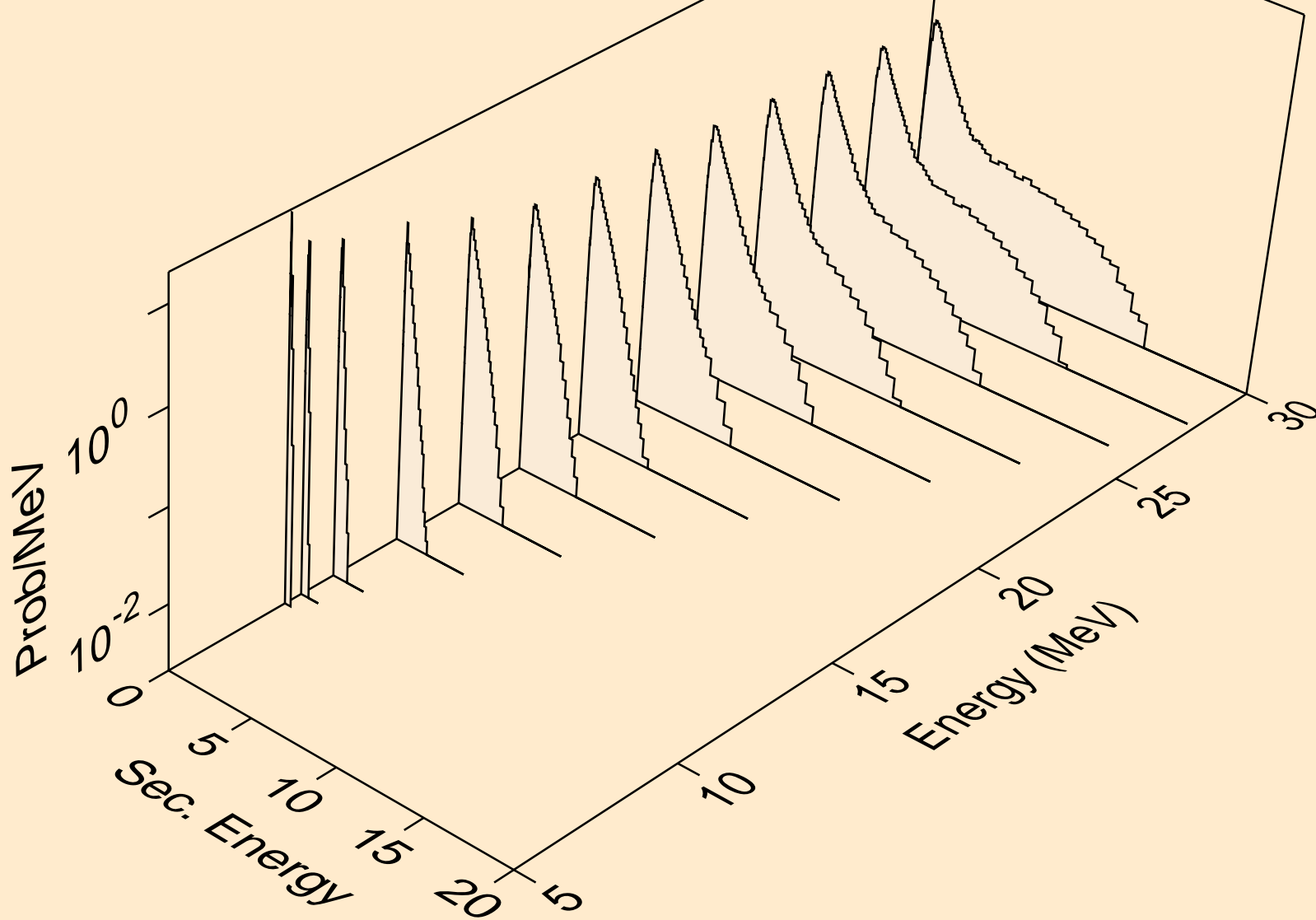
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



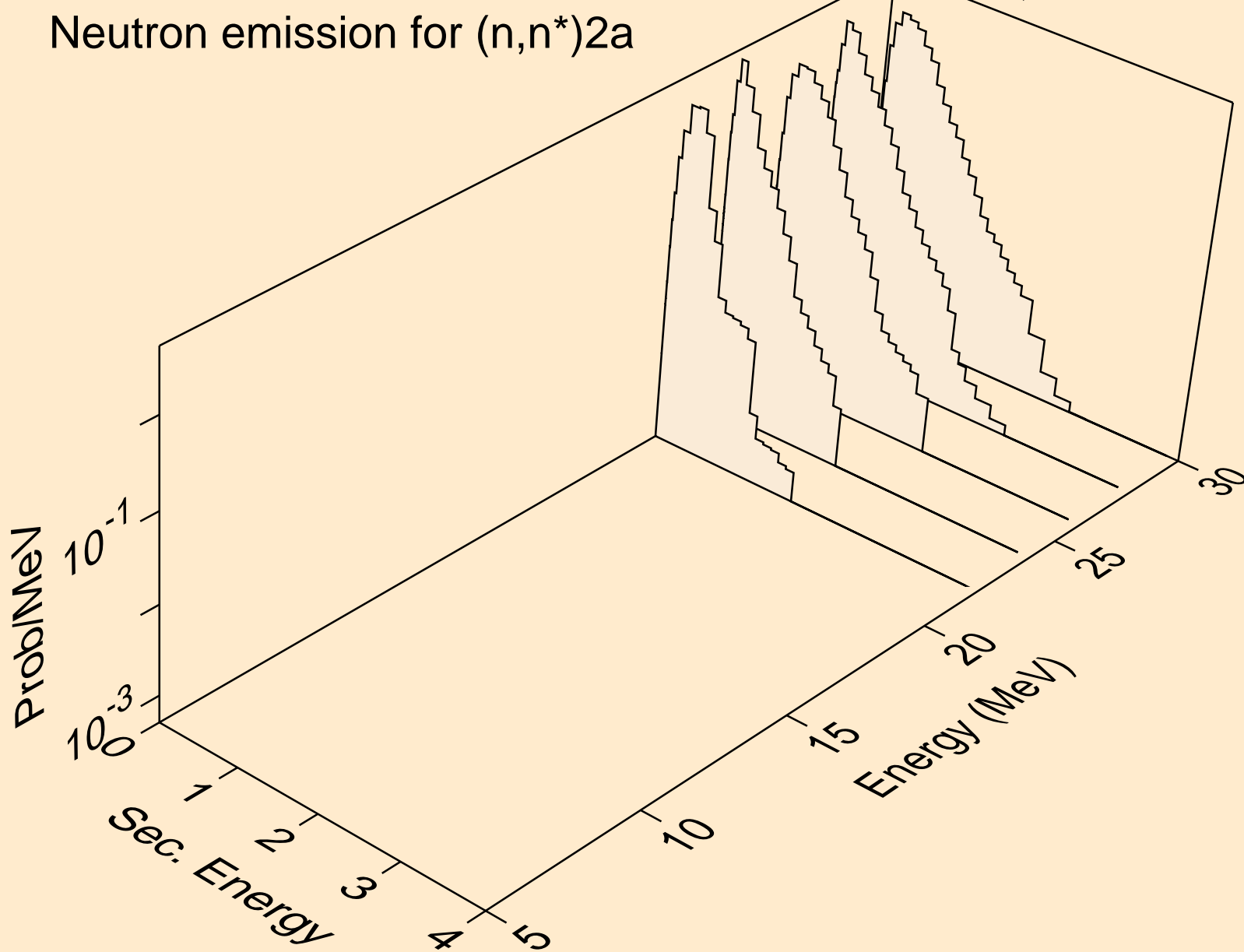
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p

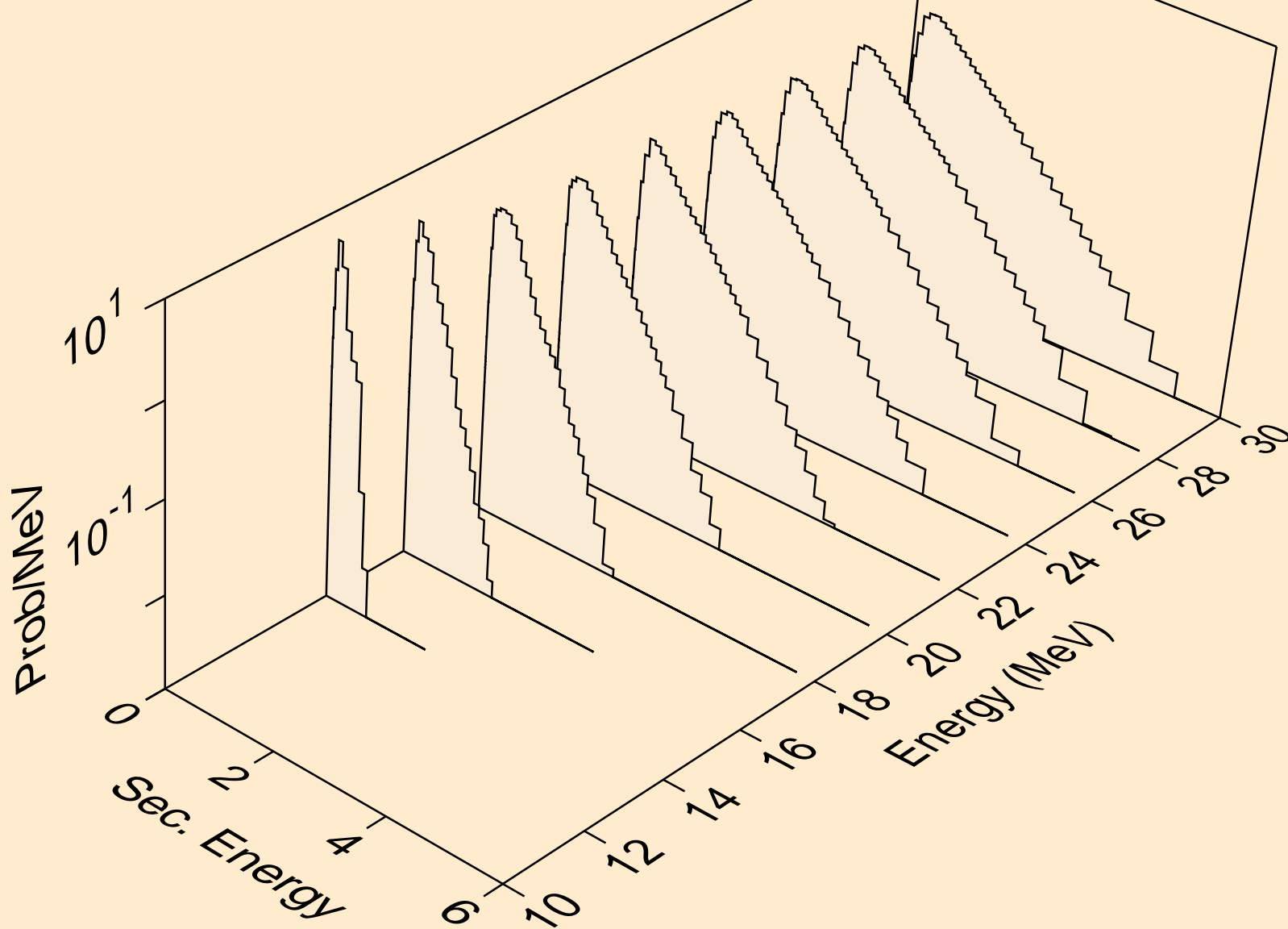


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a

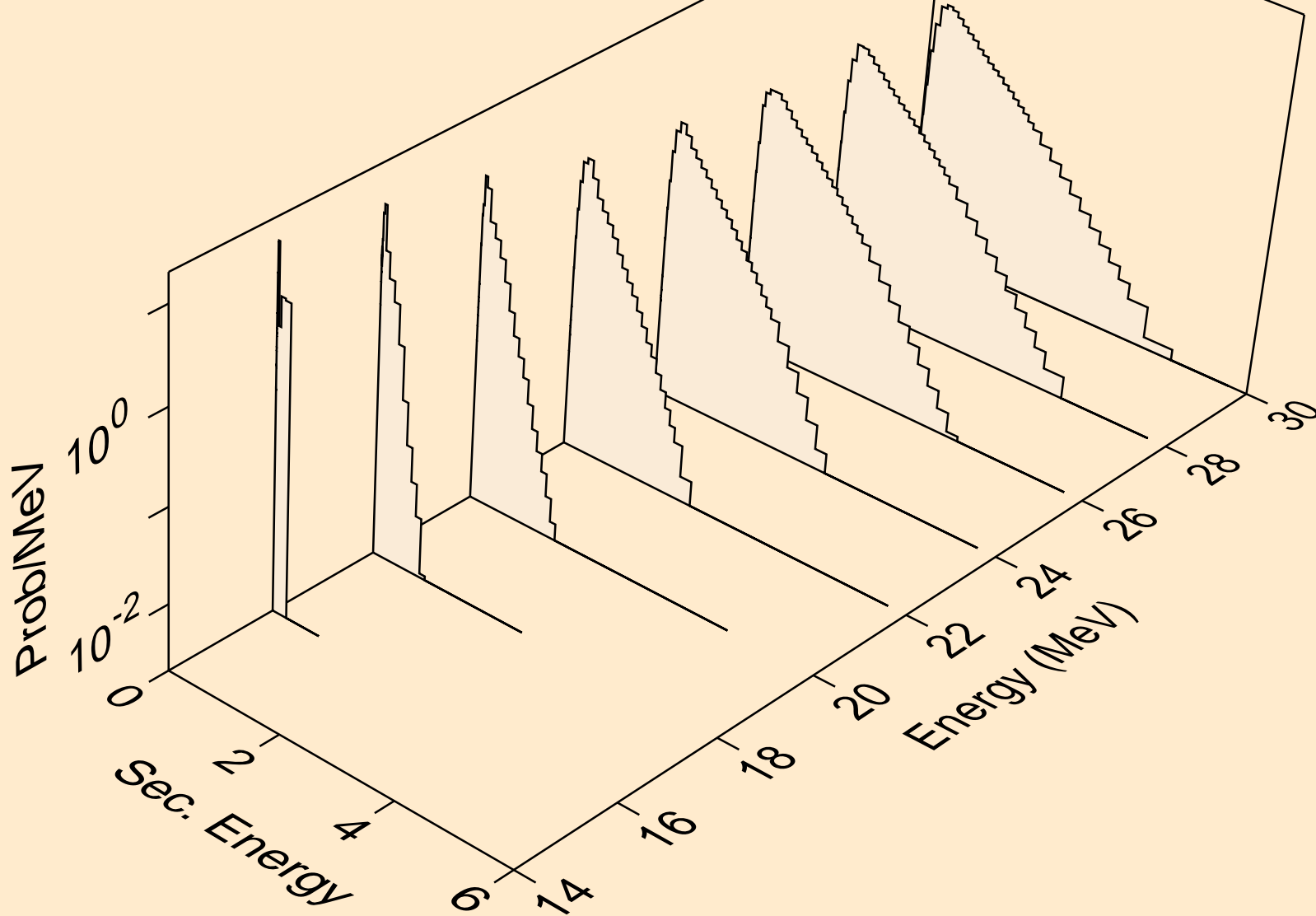




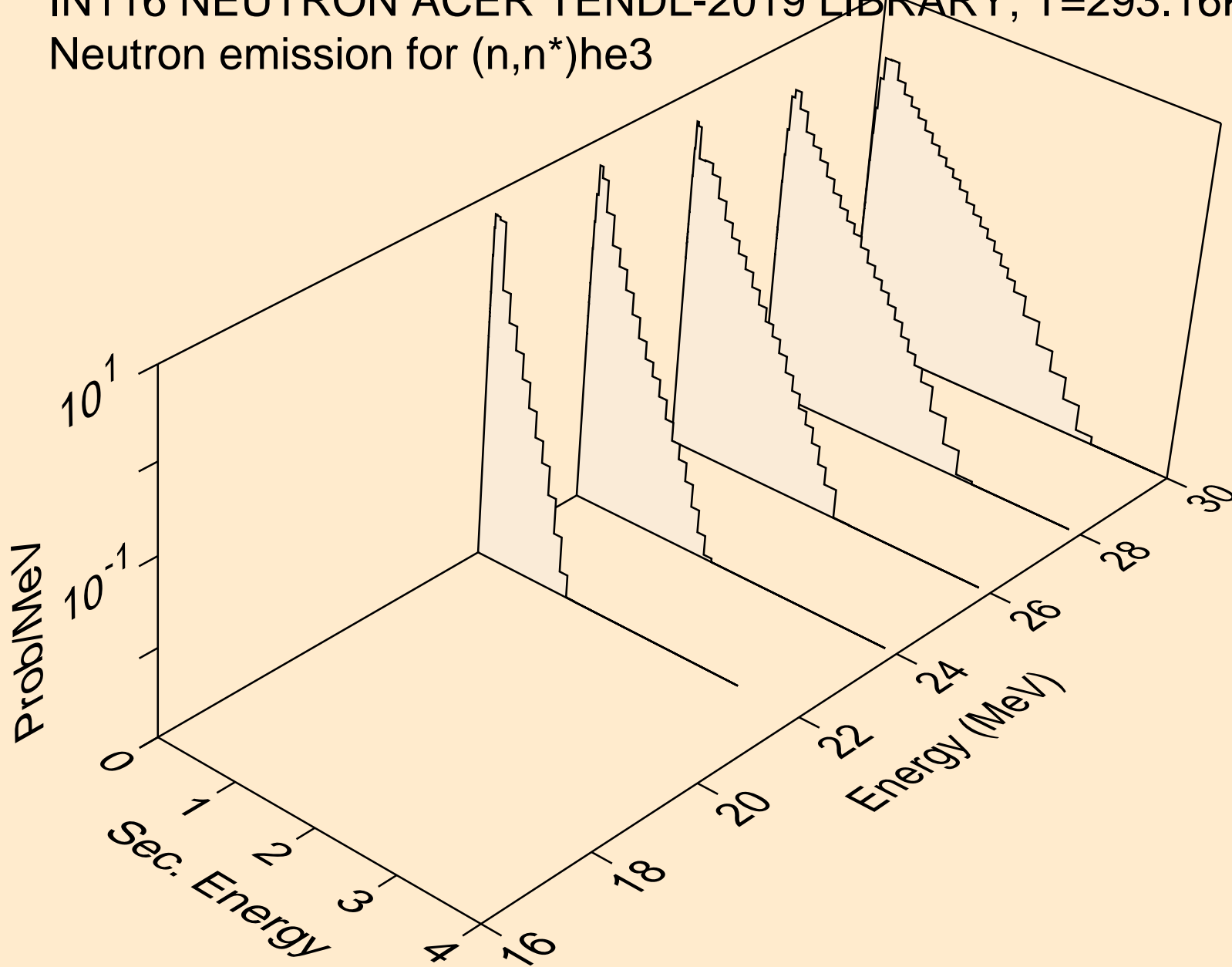
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



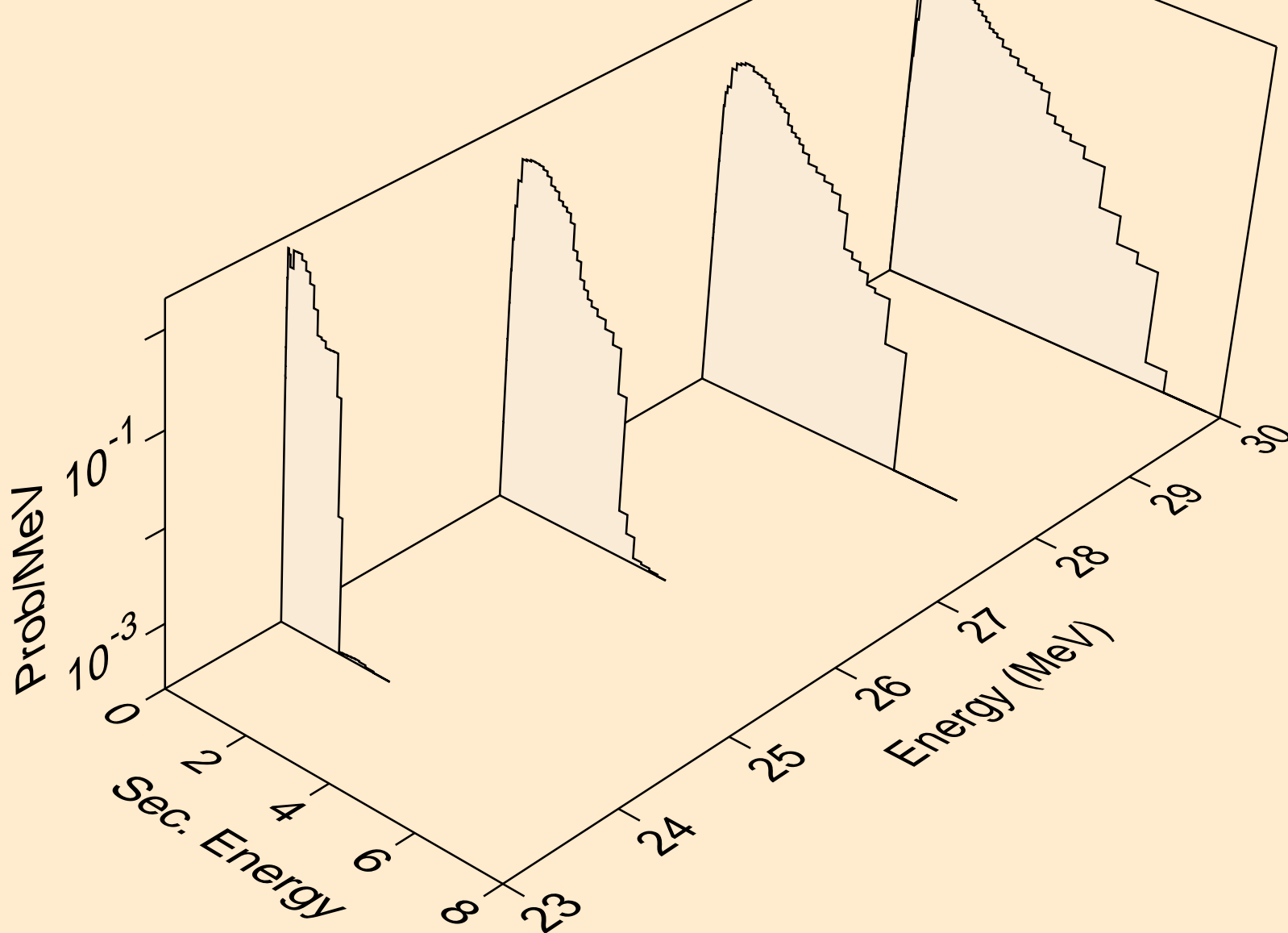
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



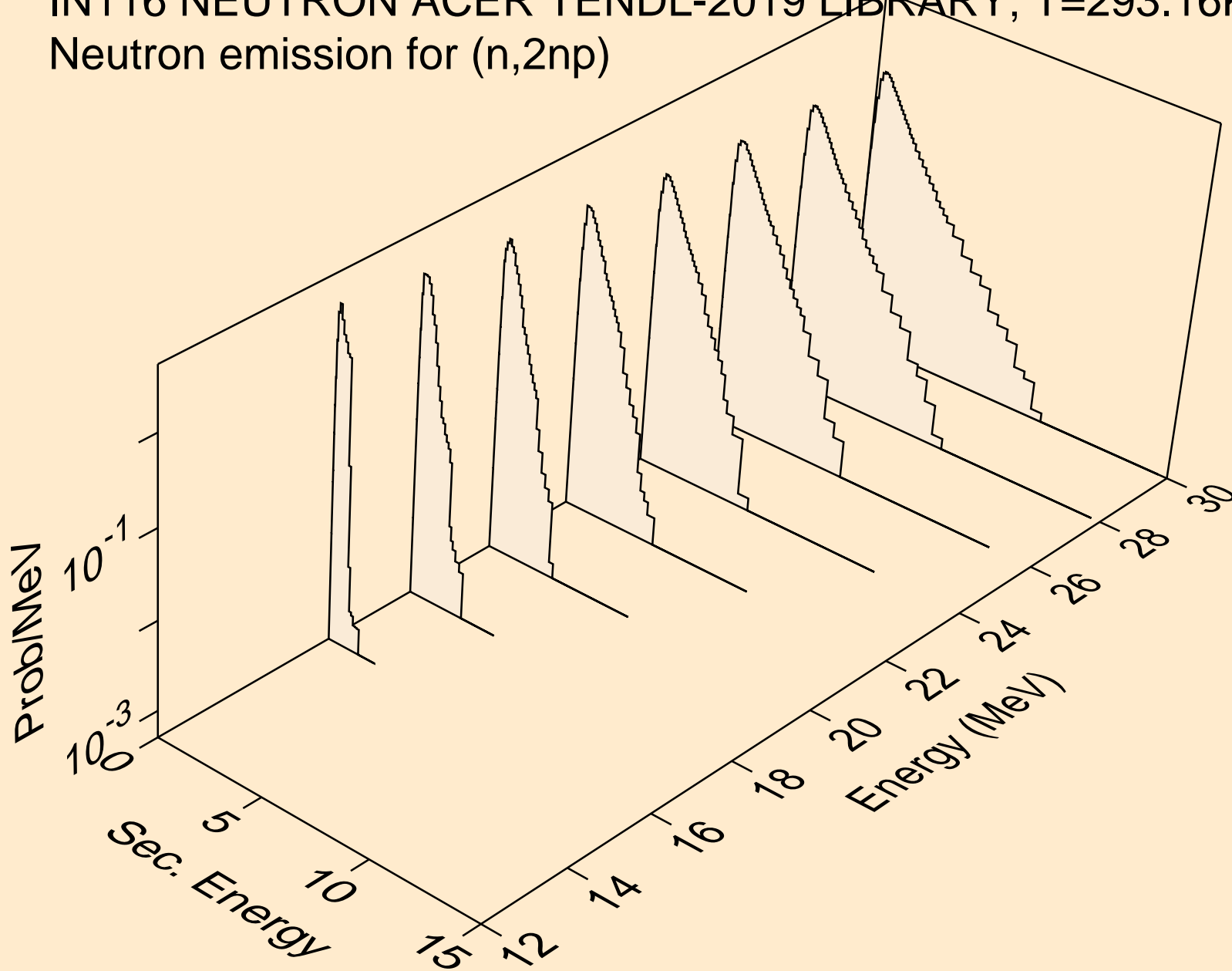
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



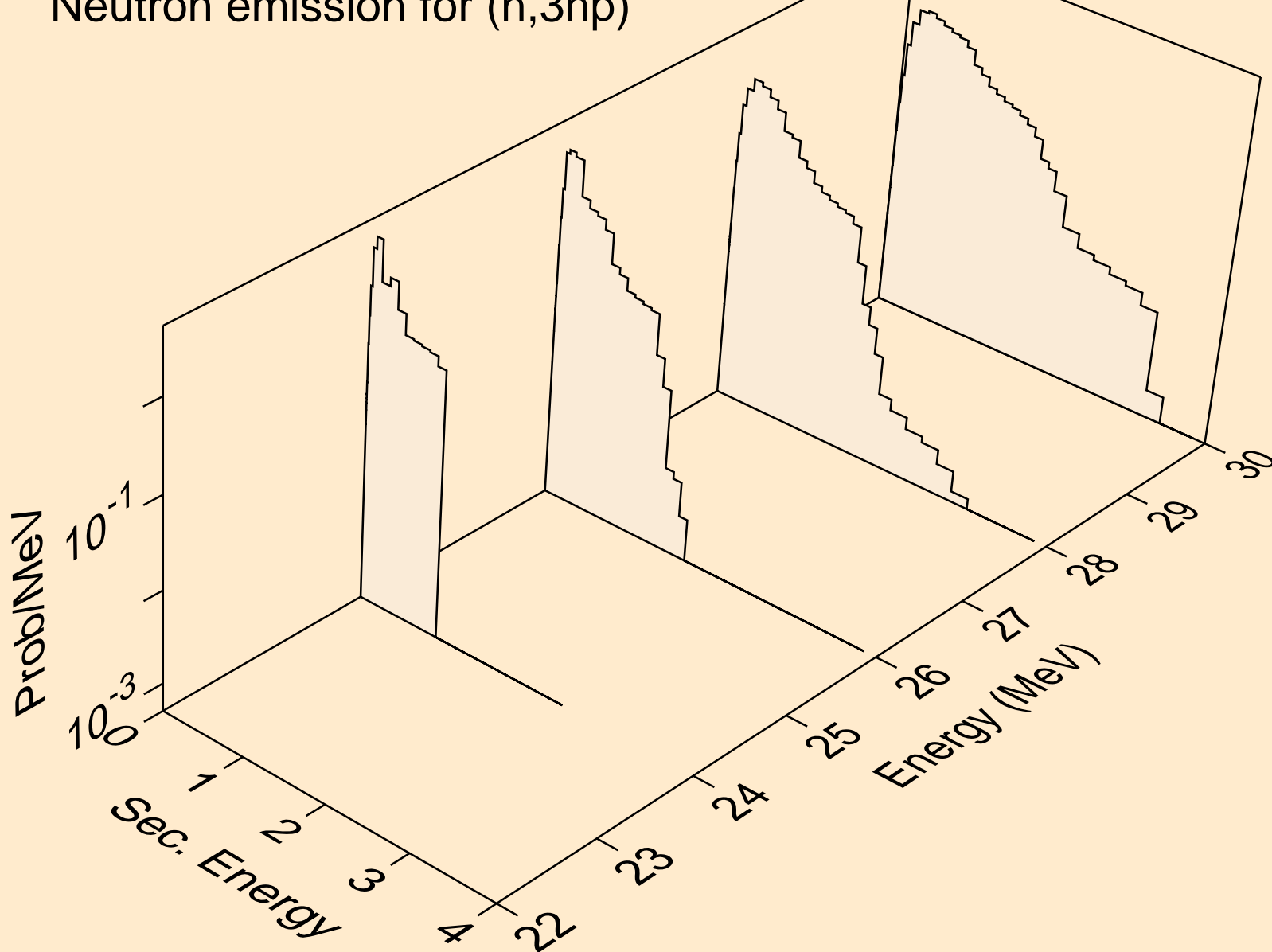
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



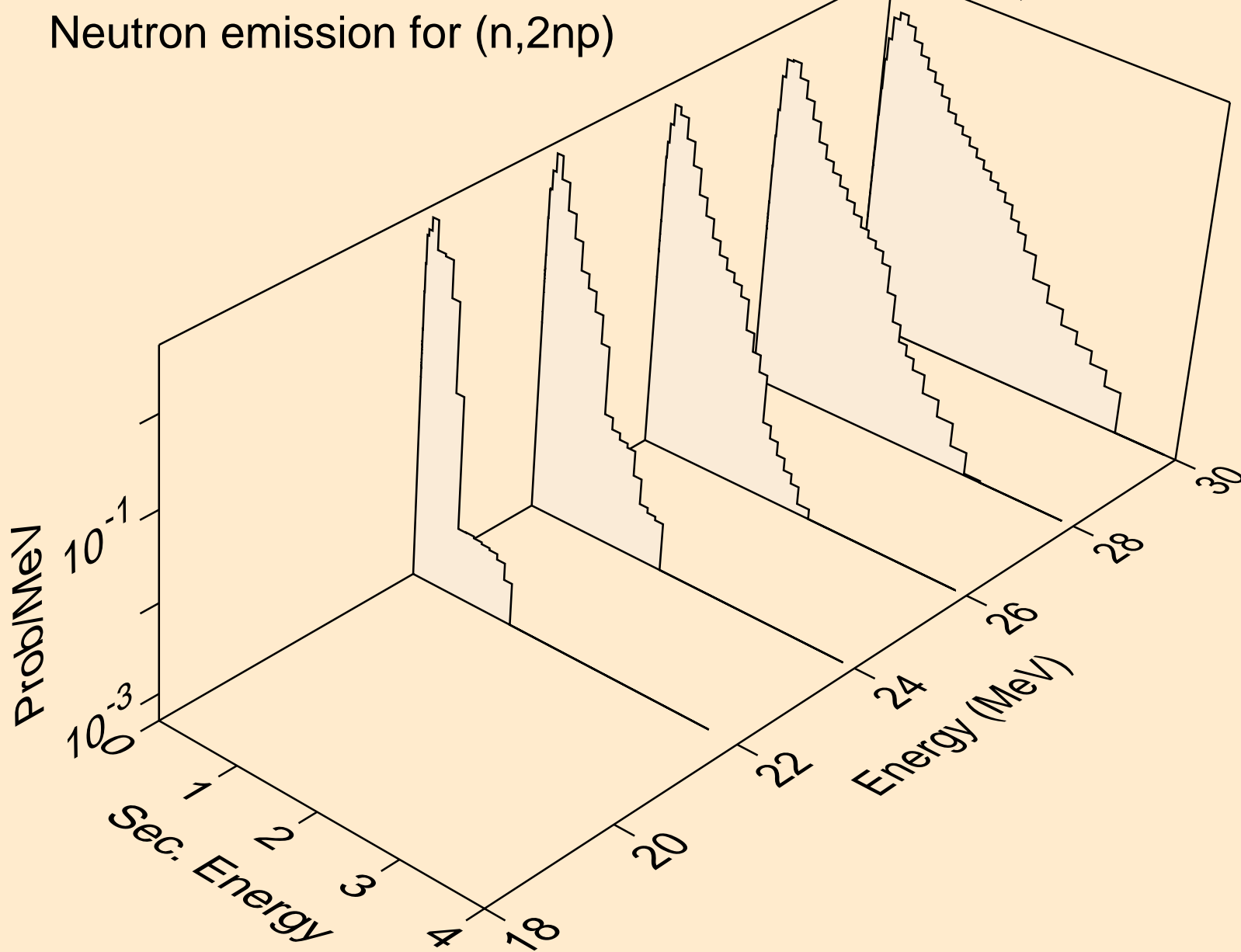
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



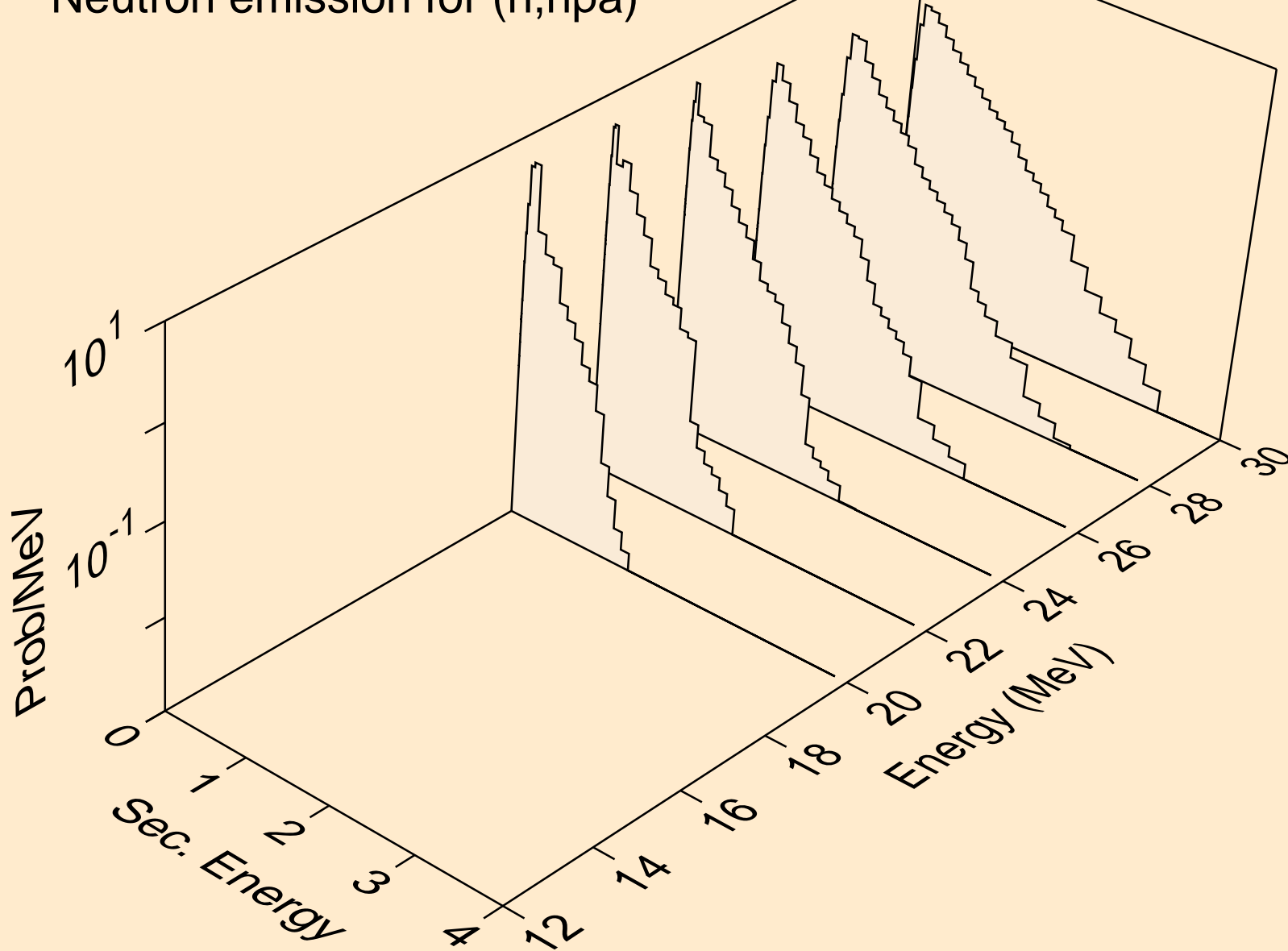
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

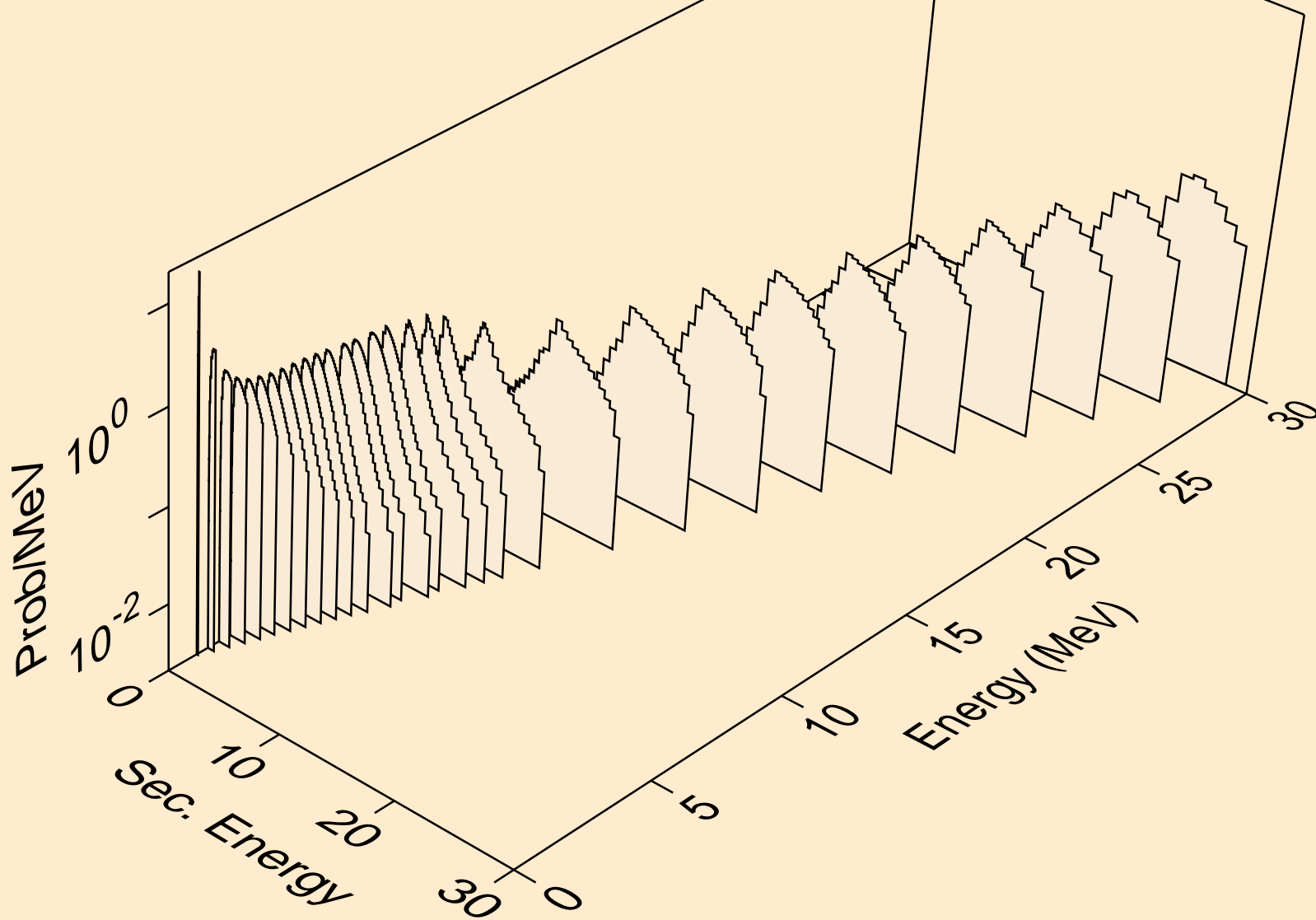


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)

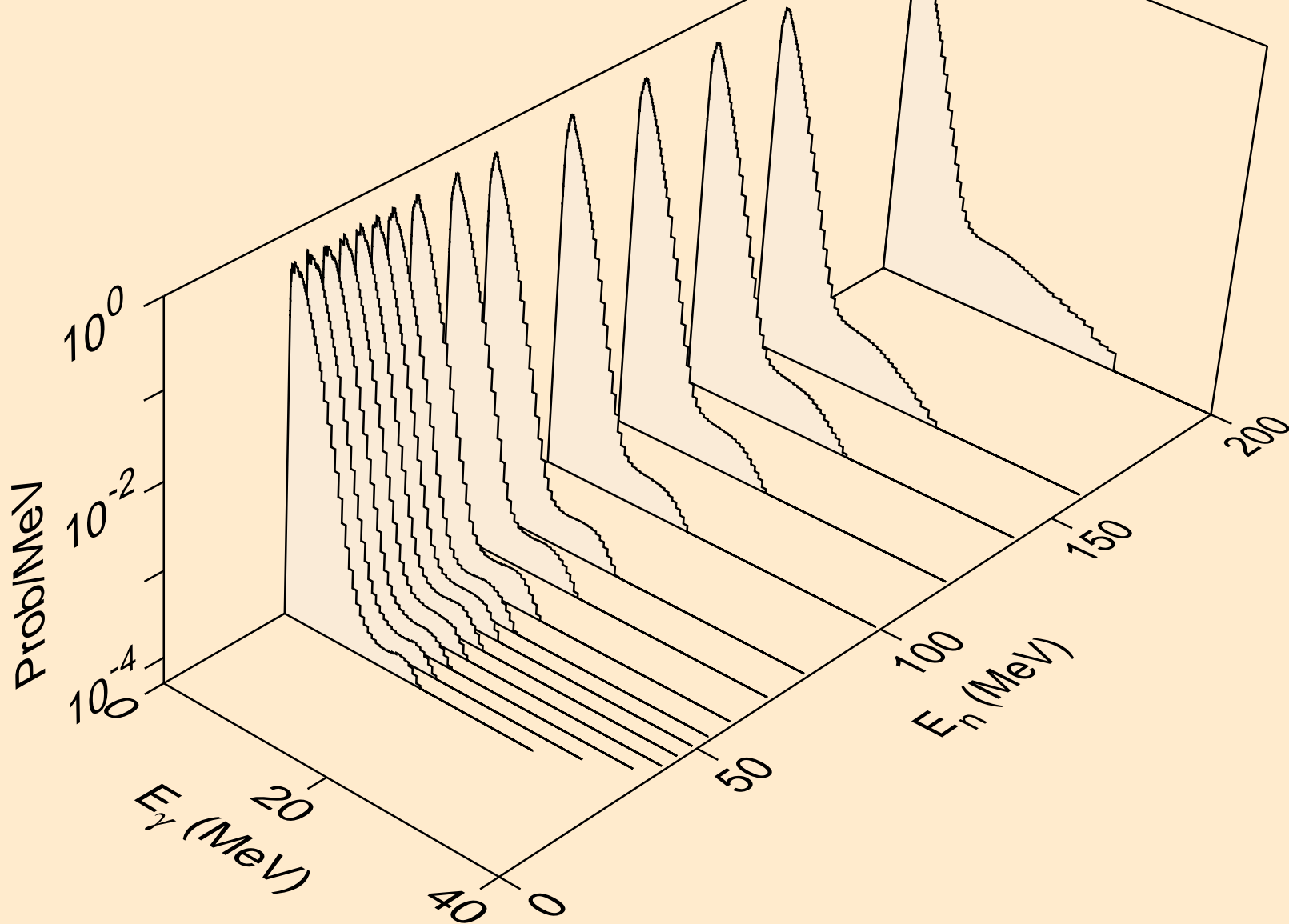




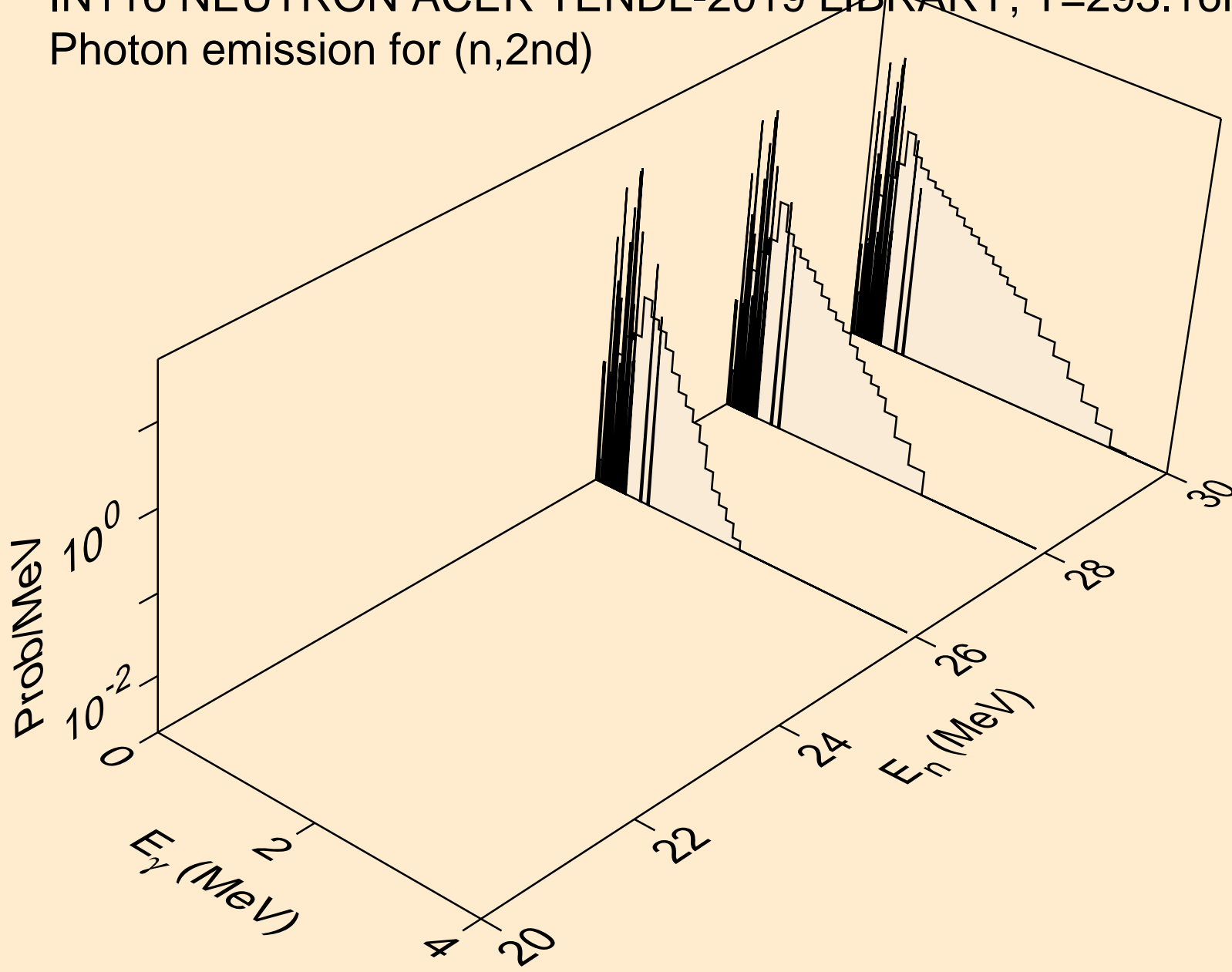
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



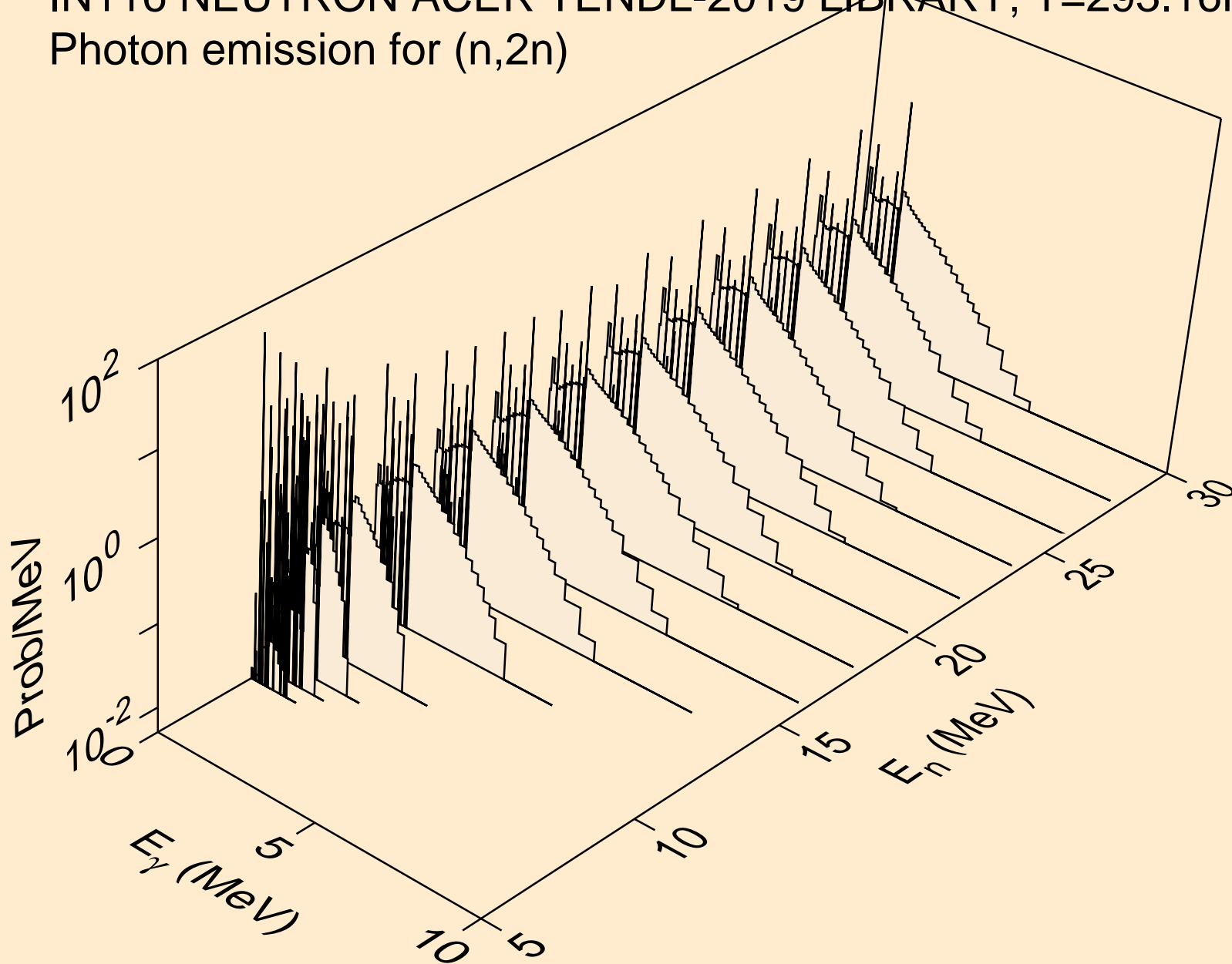
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



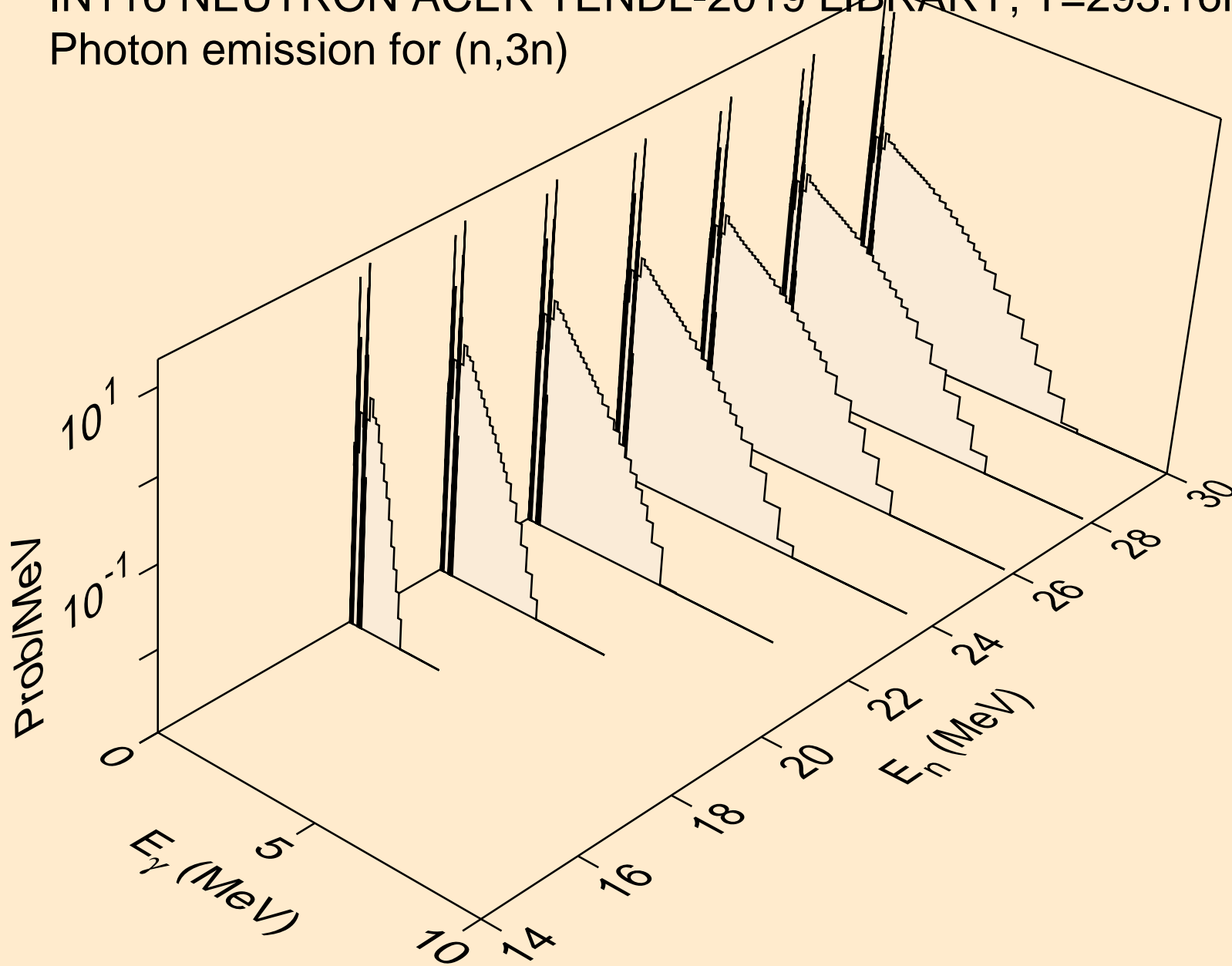
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



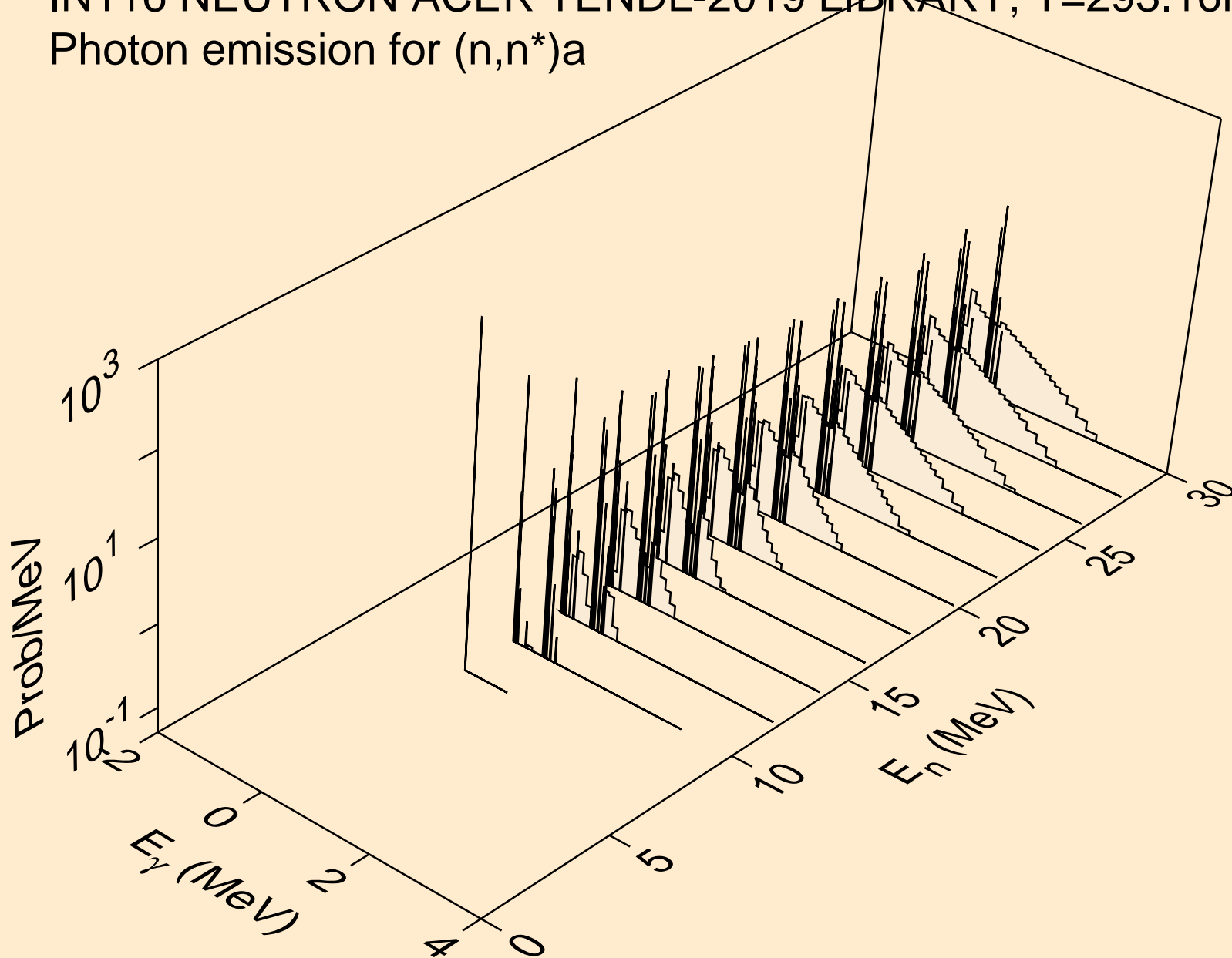
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



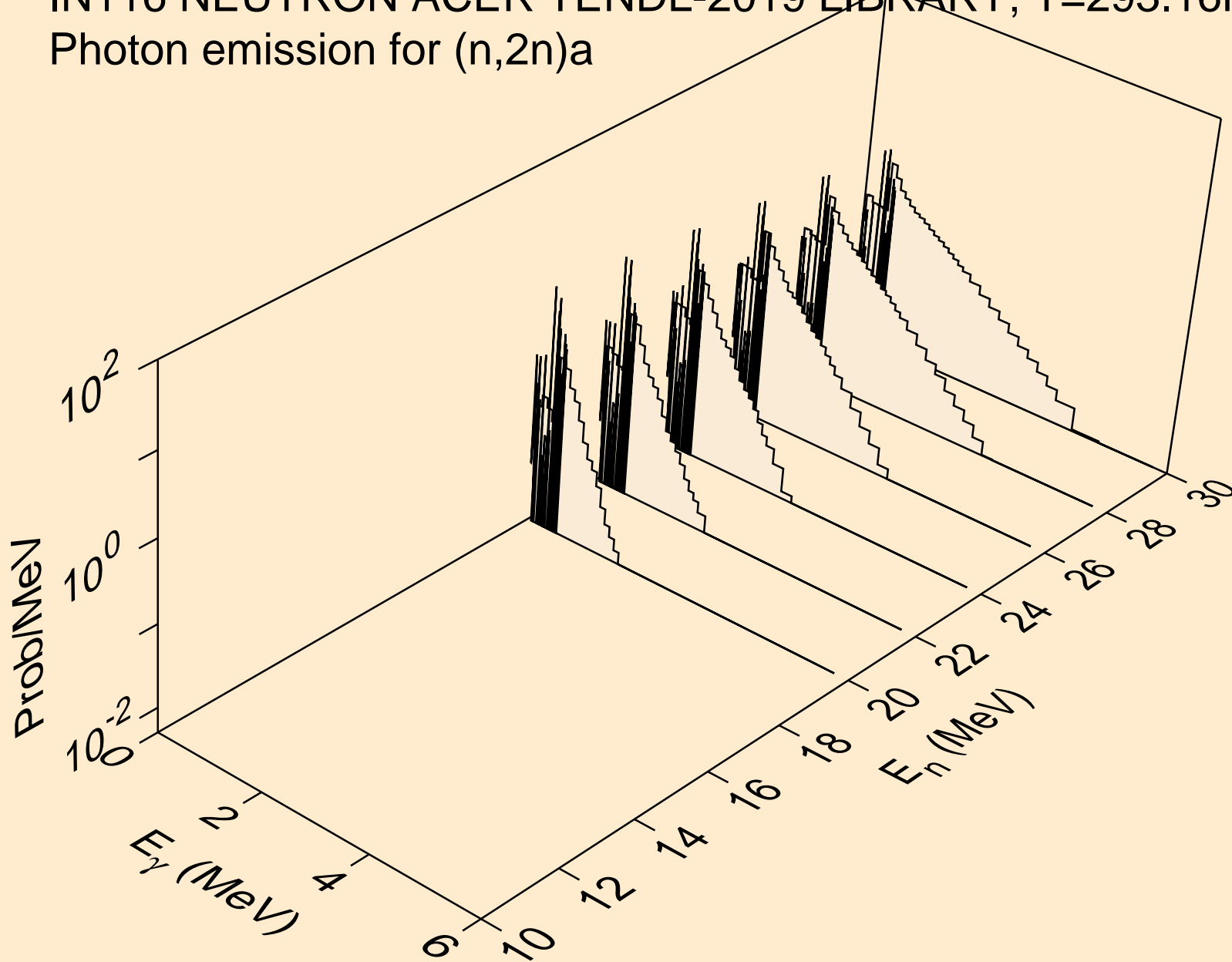
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



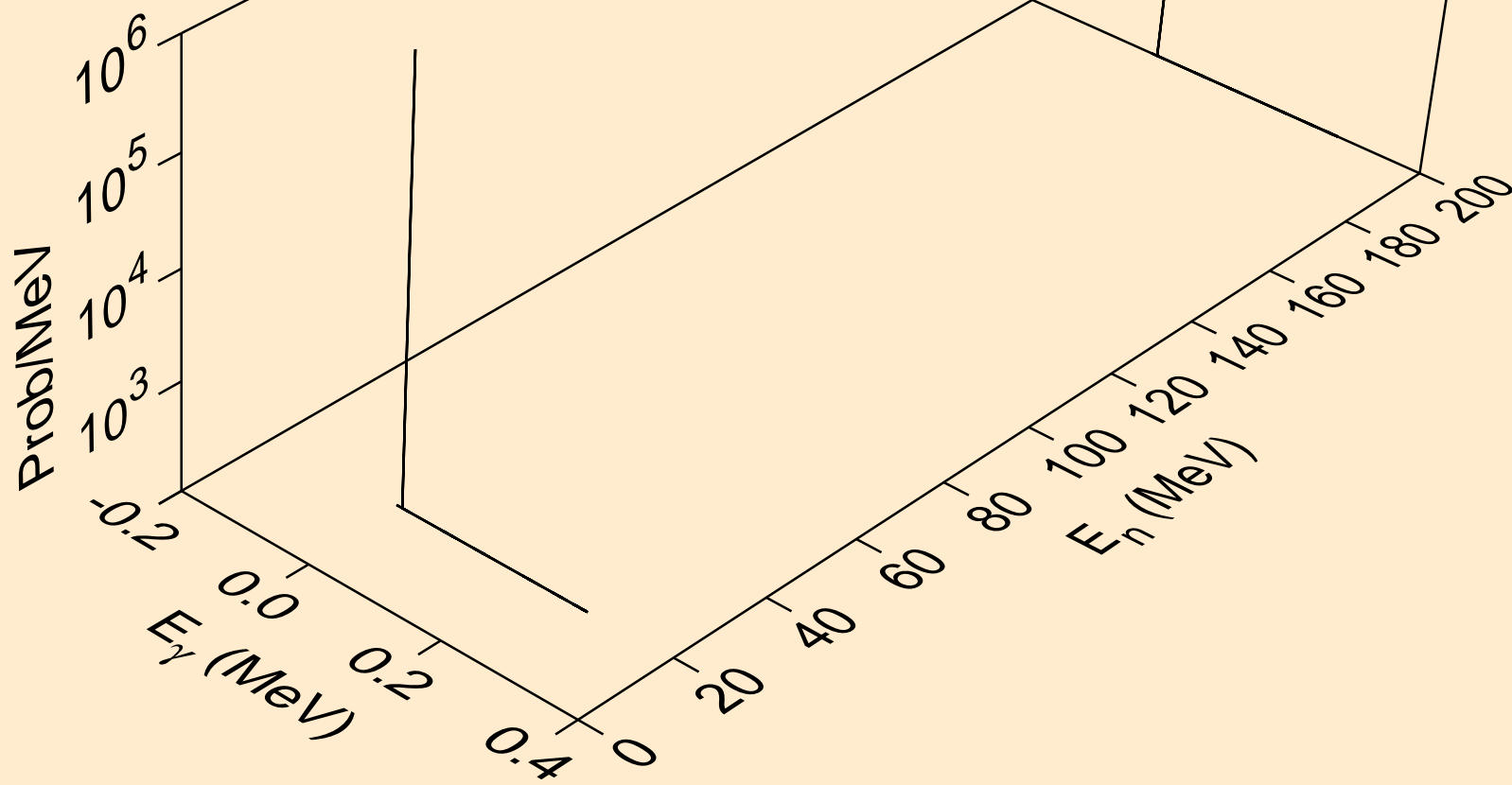
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n) $\alpha$

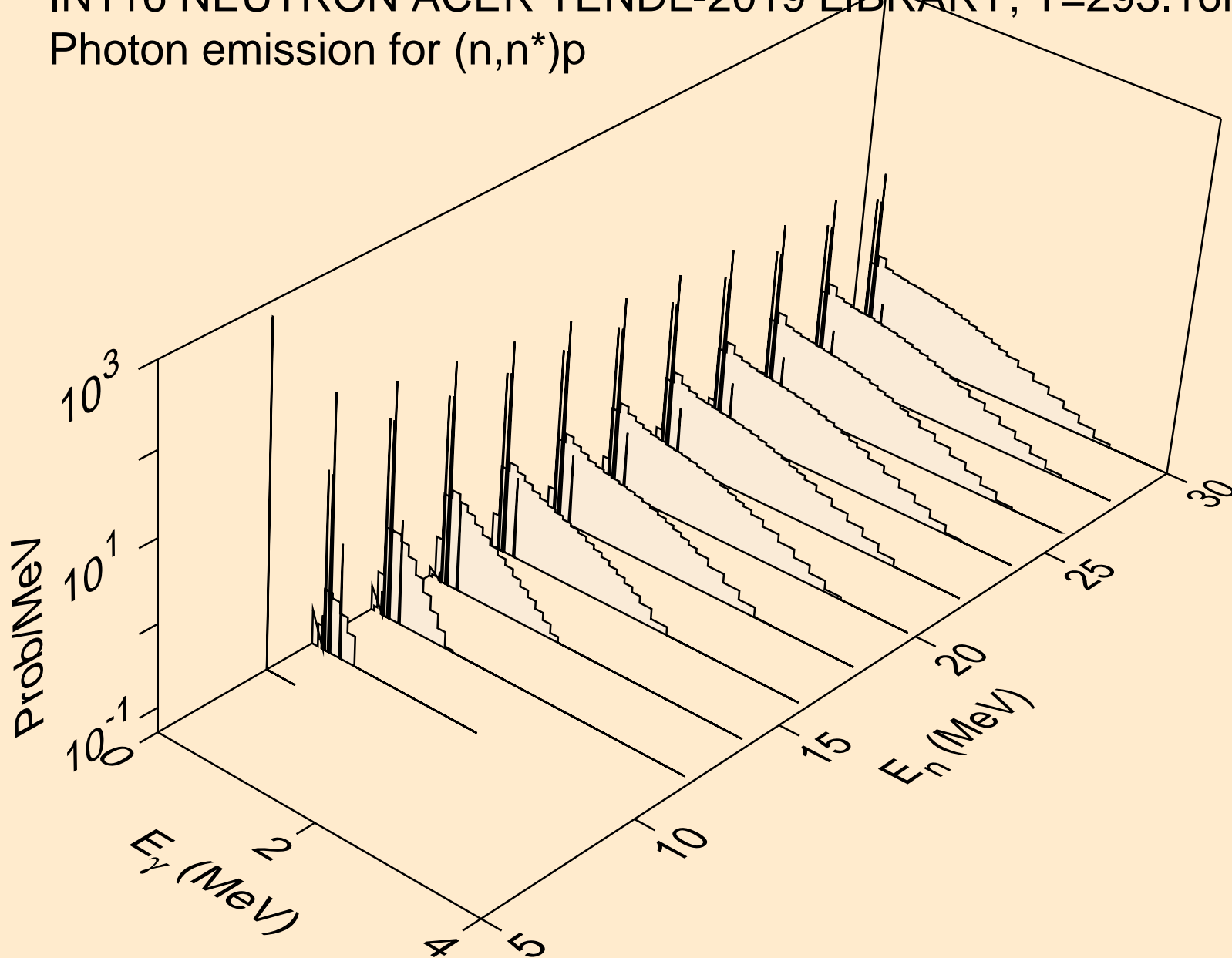


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

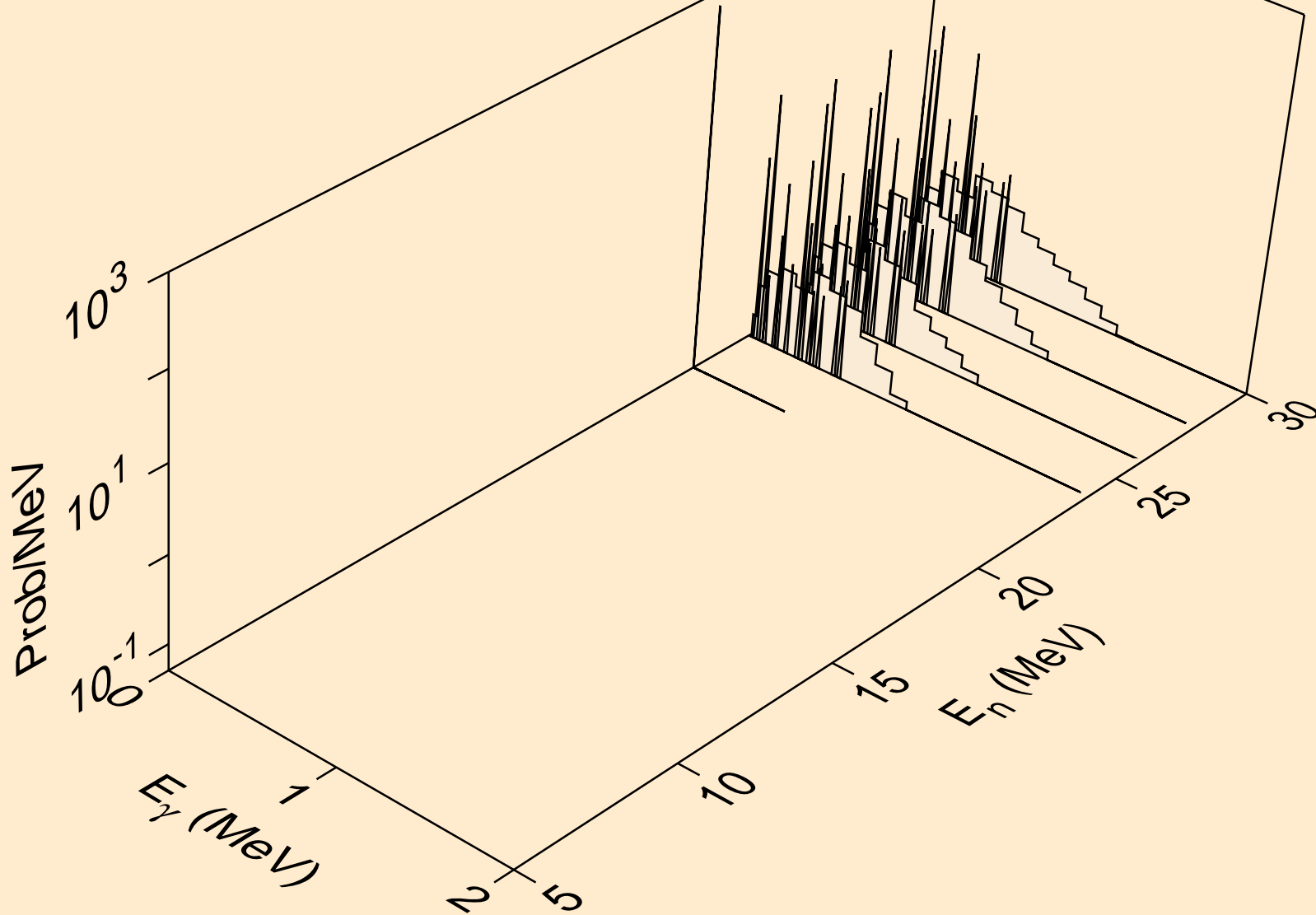




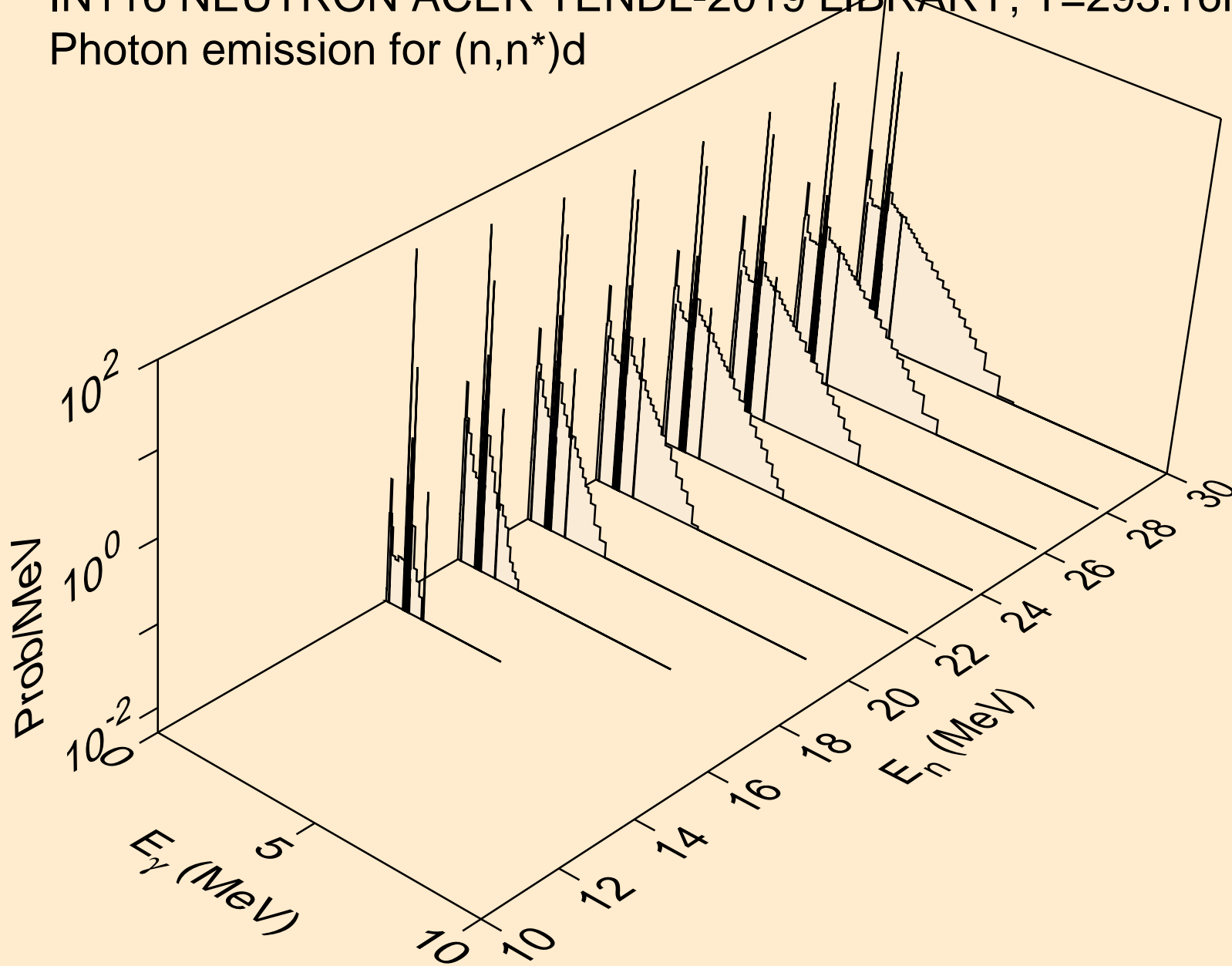
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



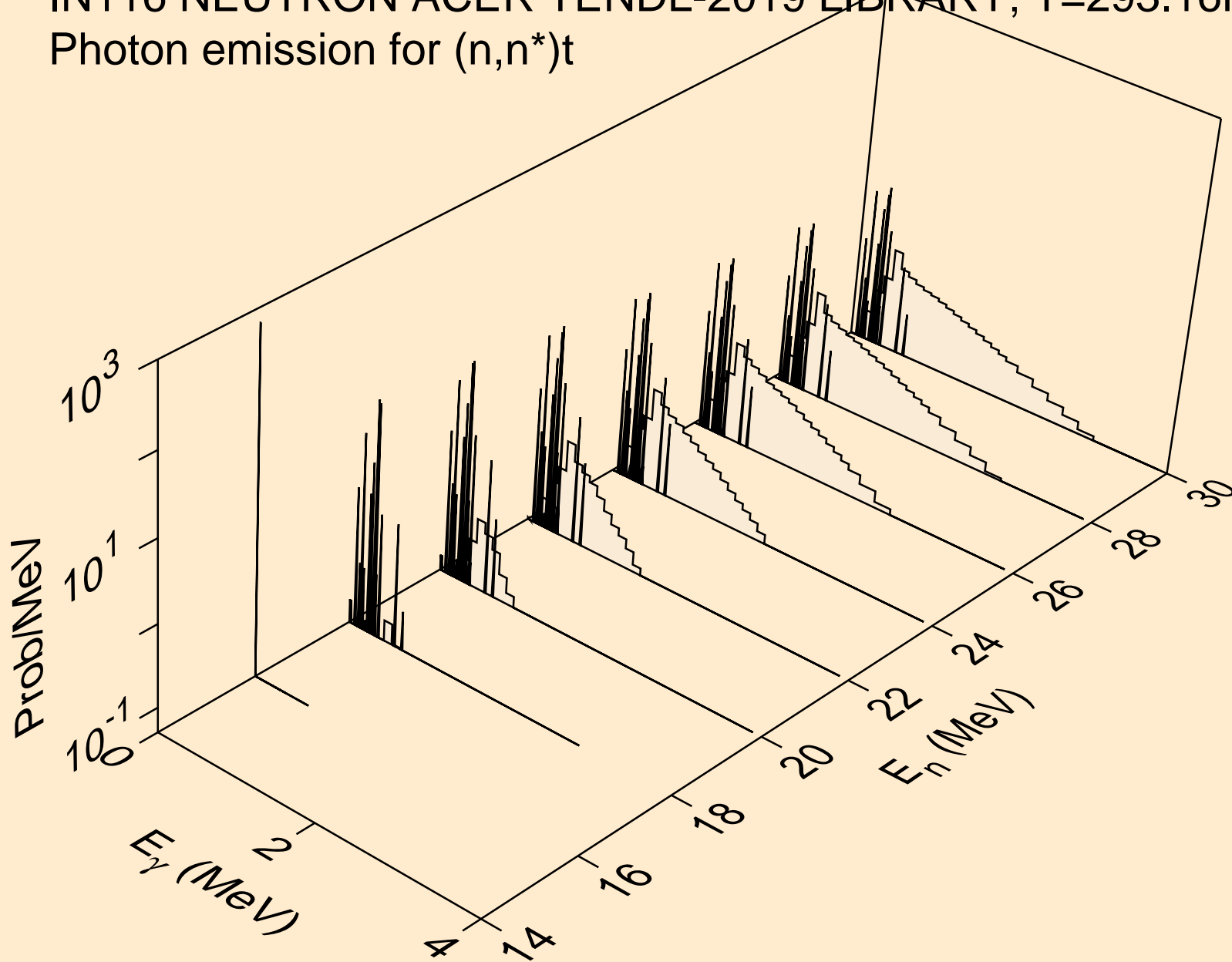
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



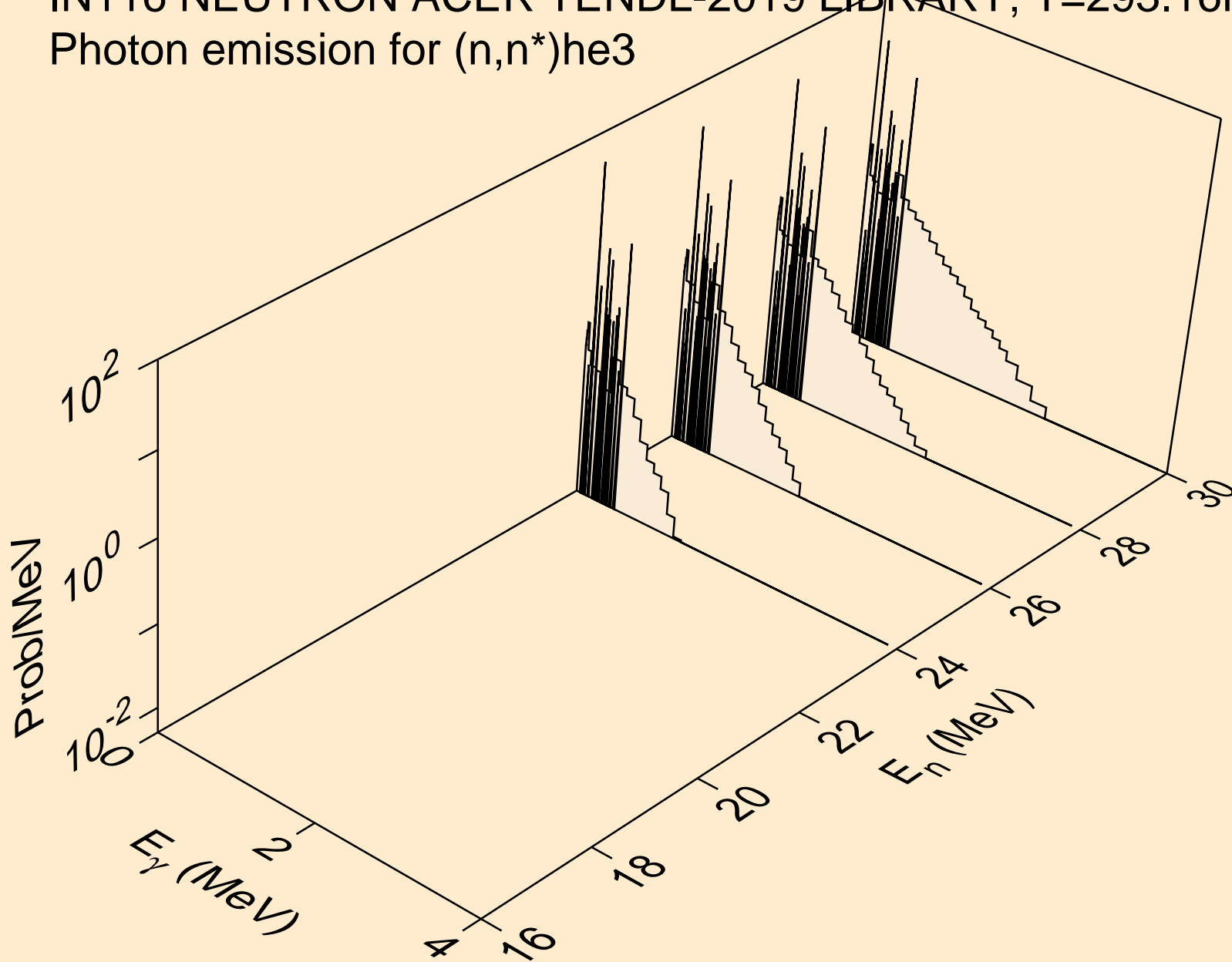
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



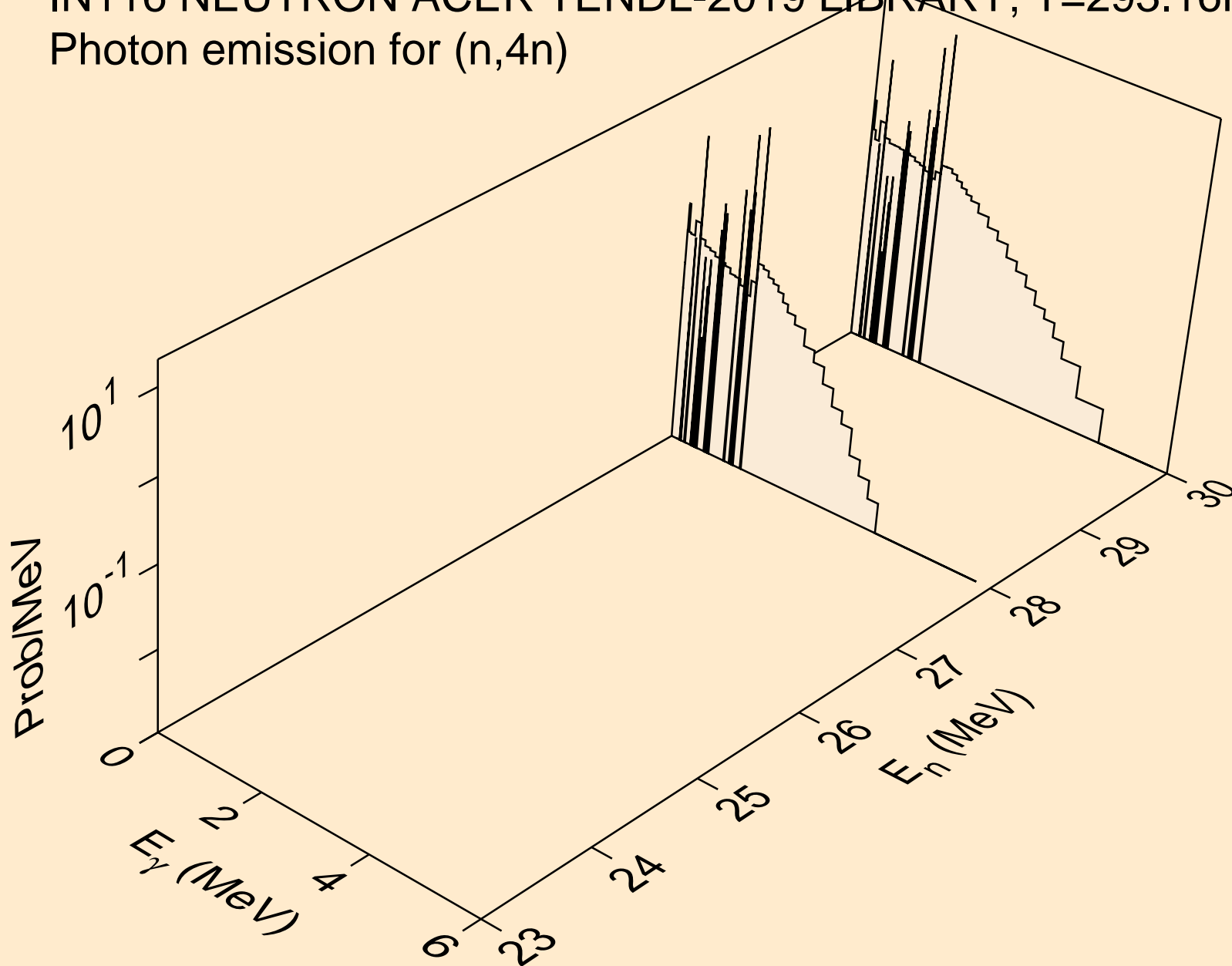
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



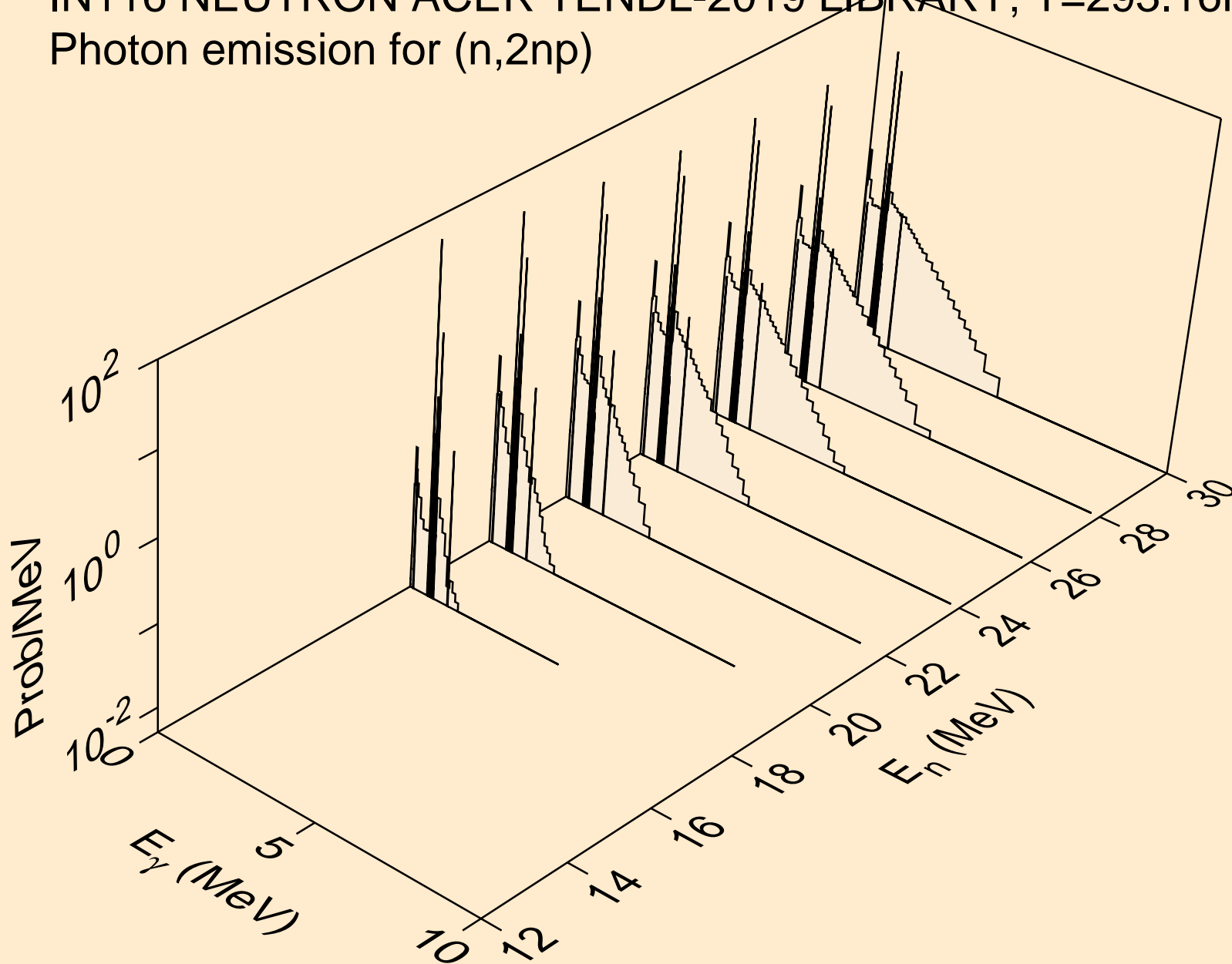
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



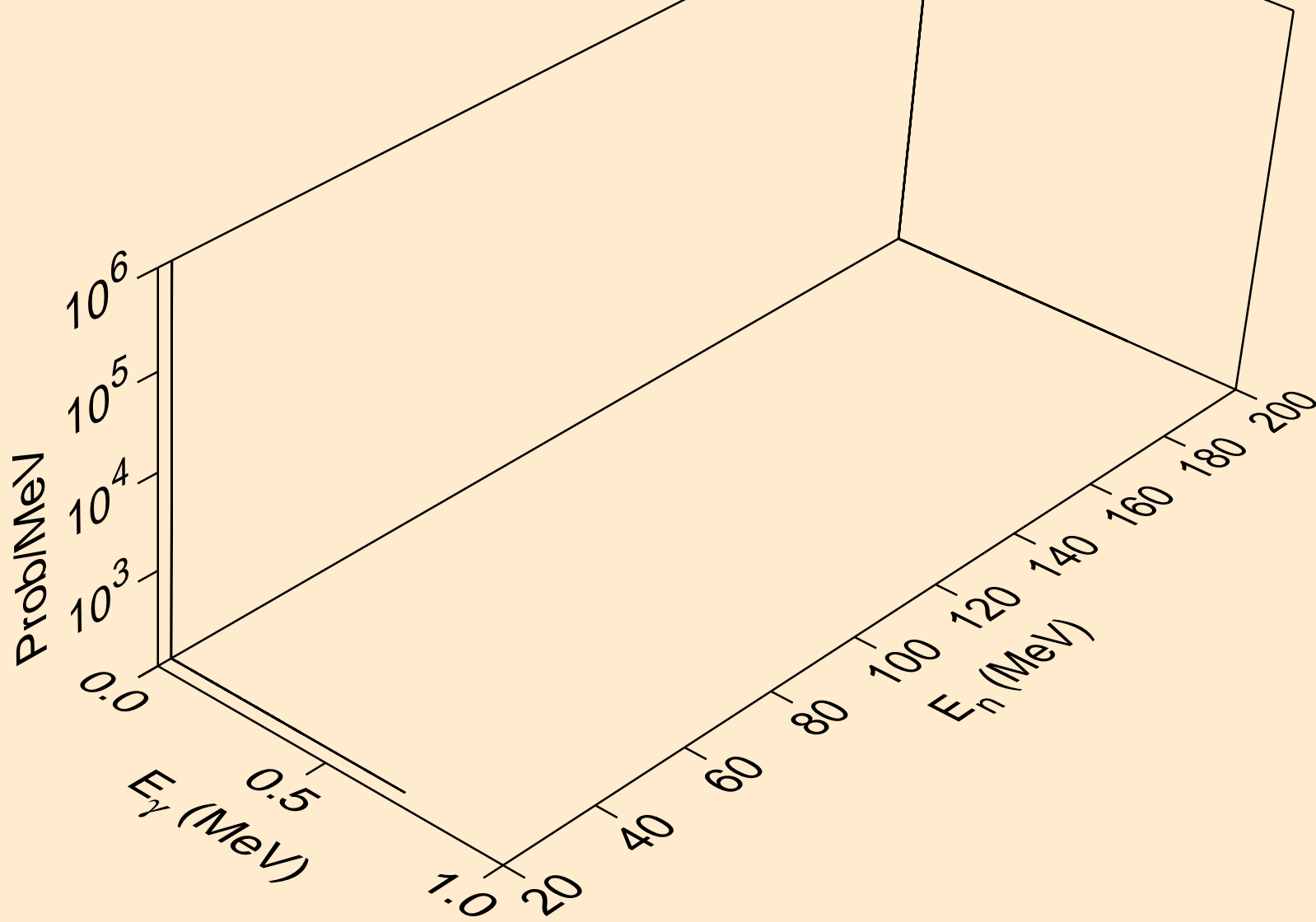
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)

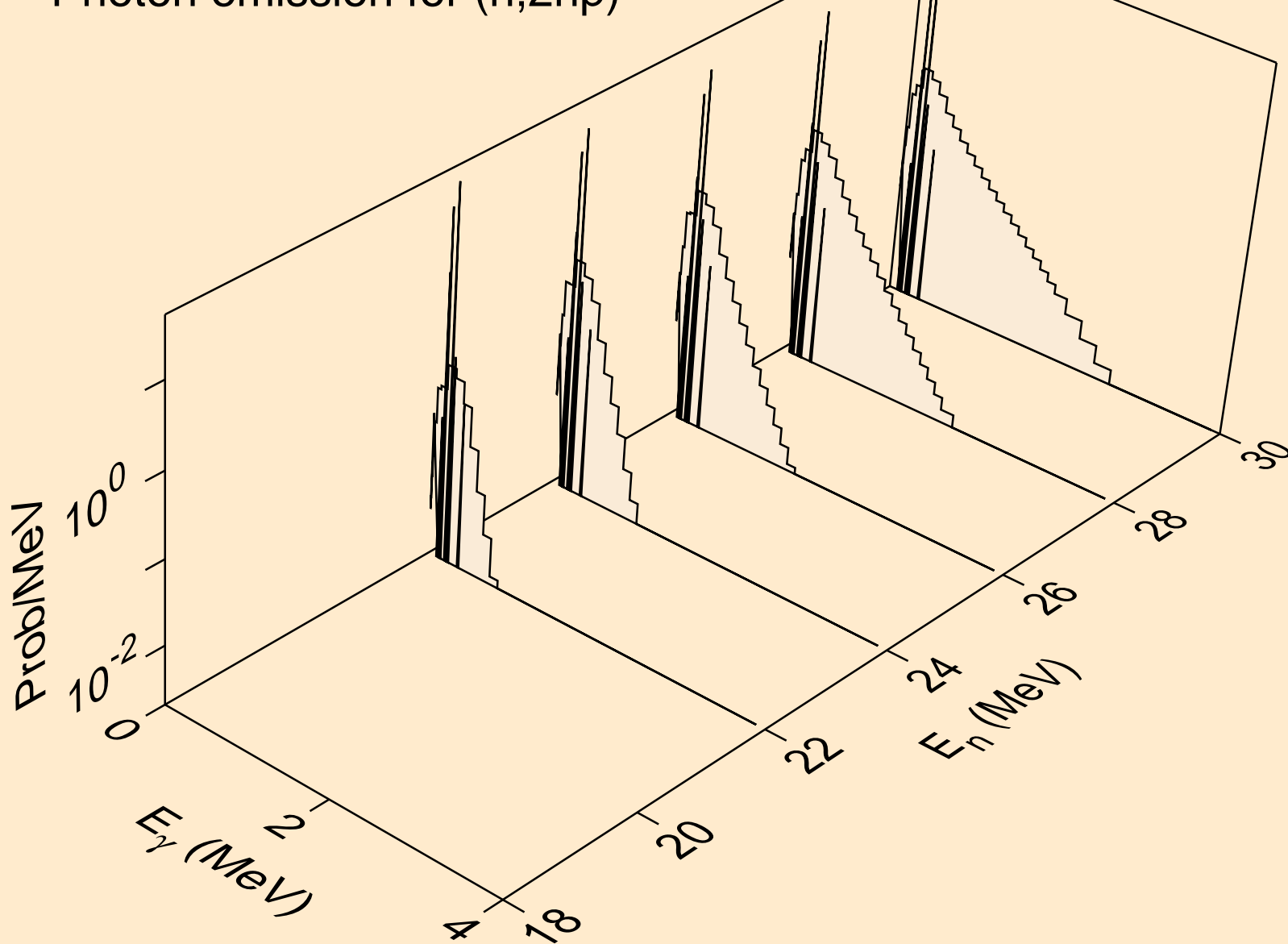


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

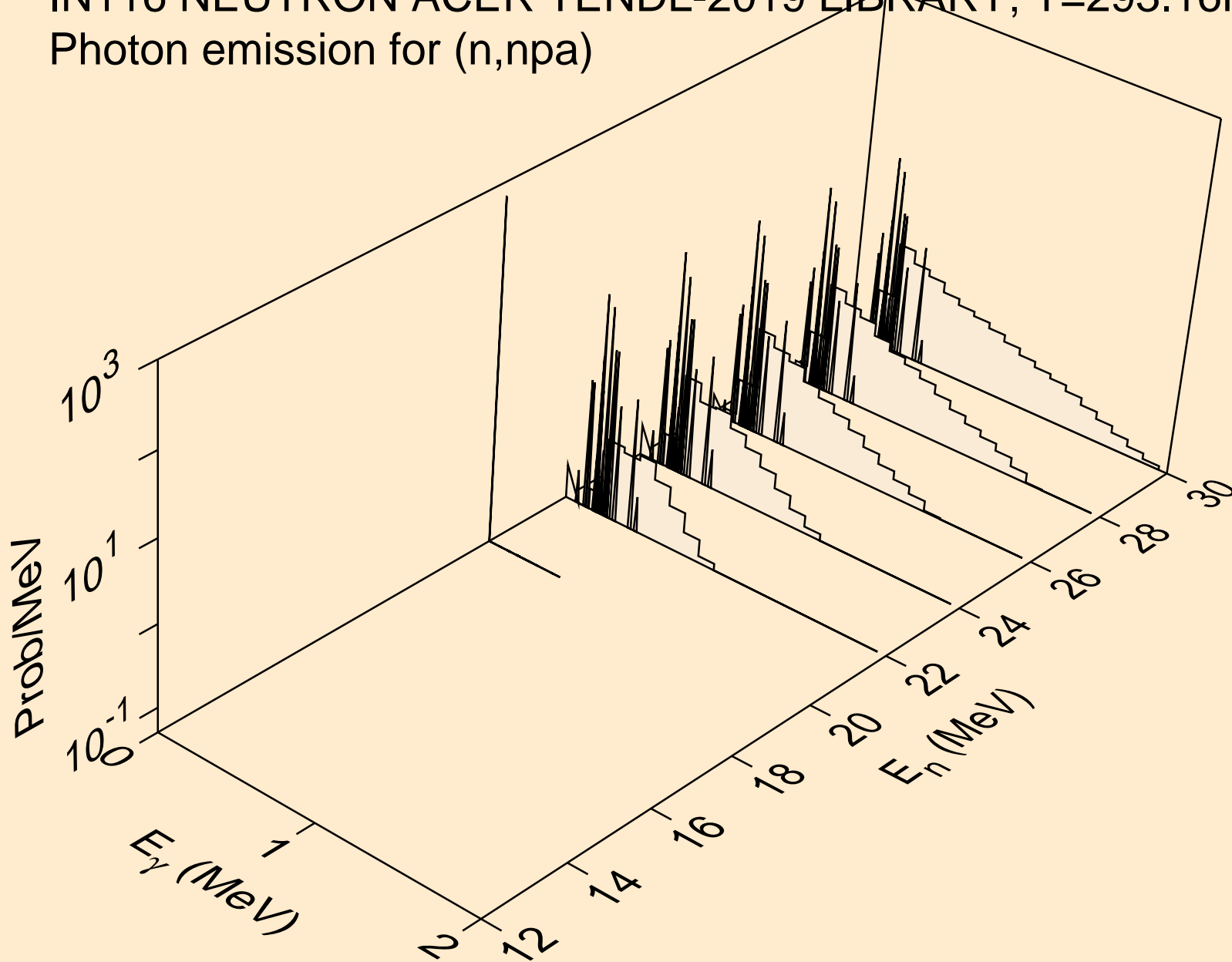




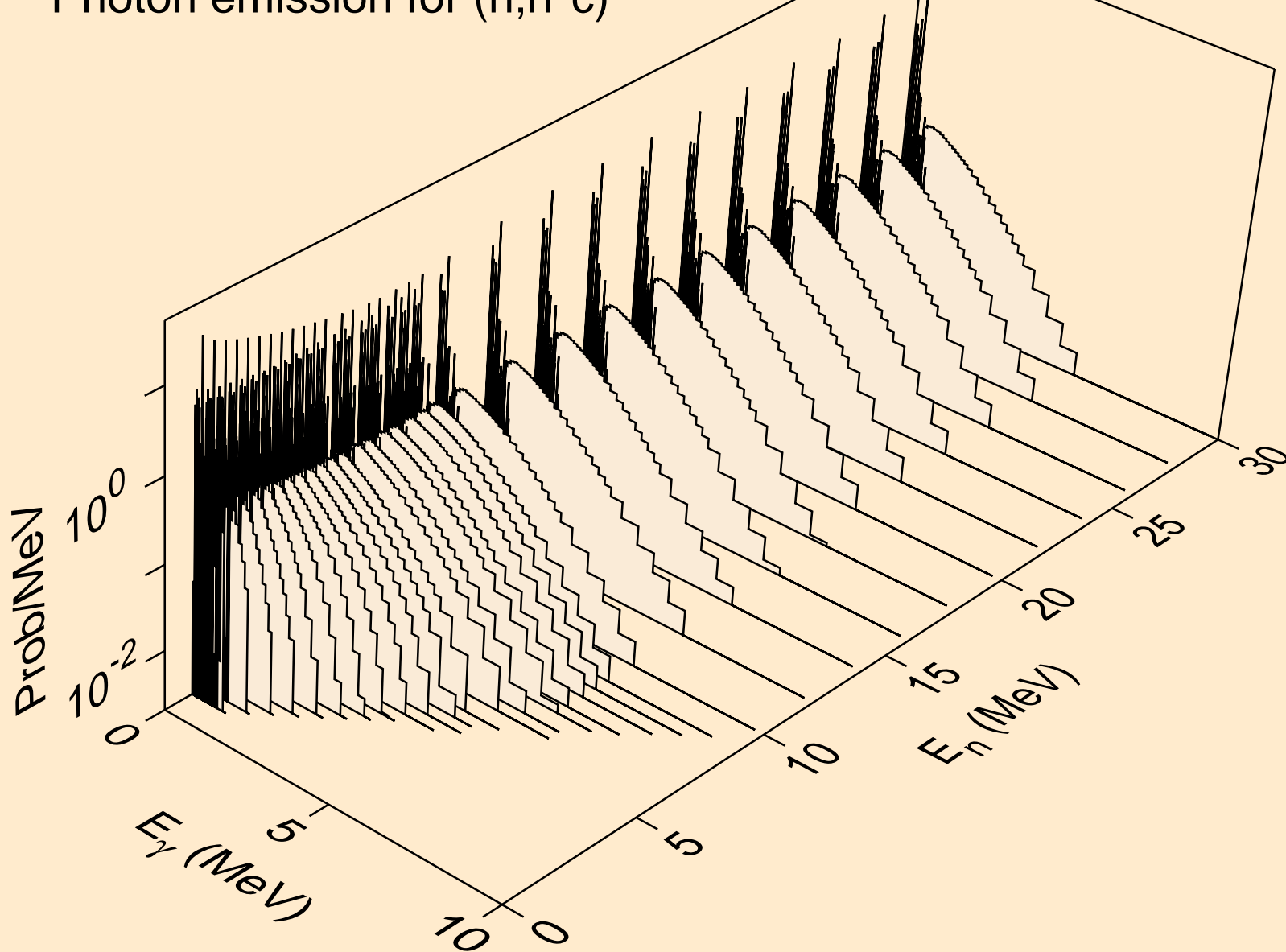
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



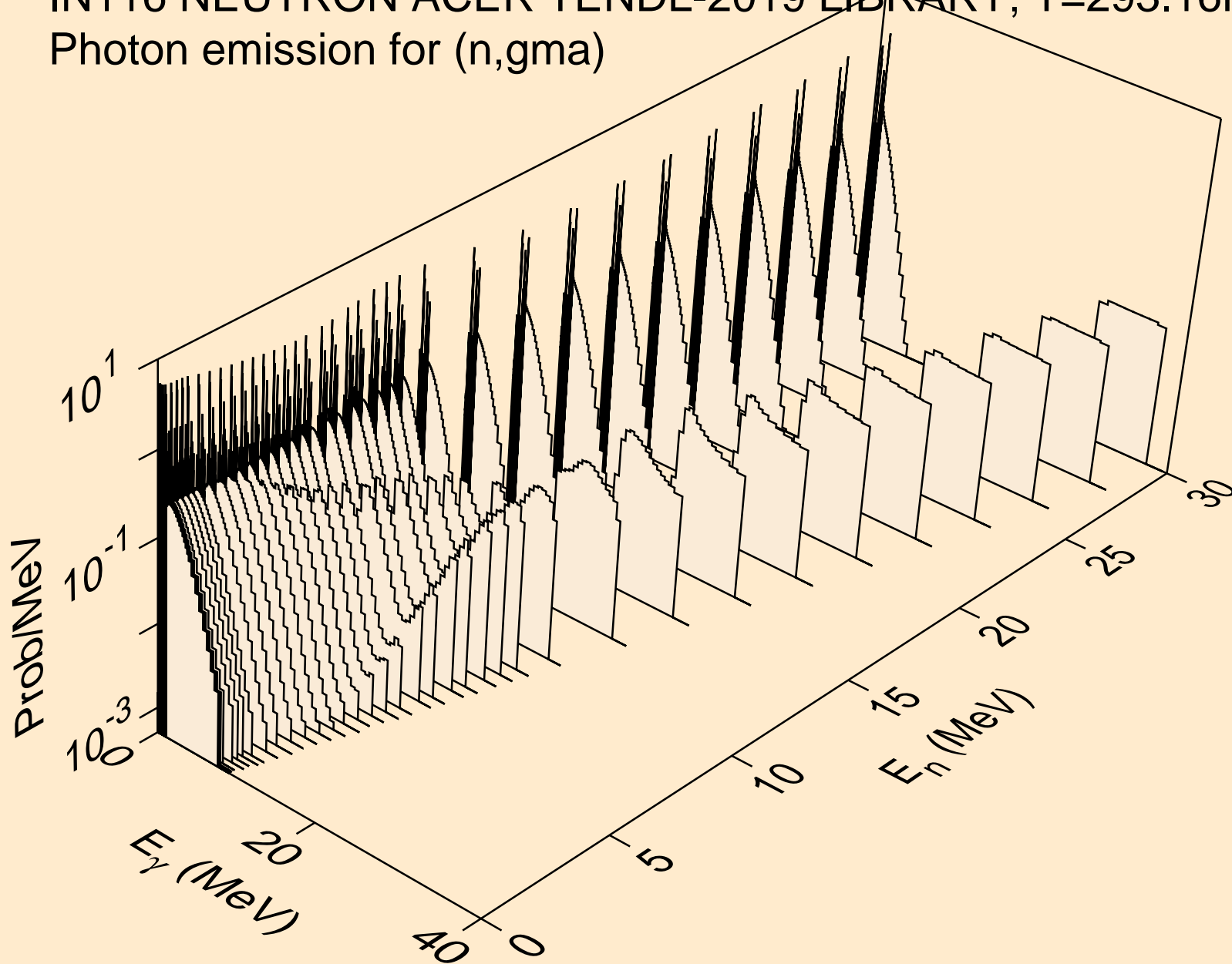
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



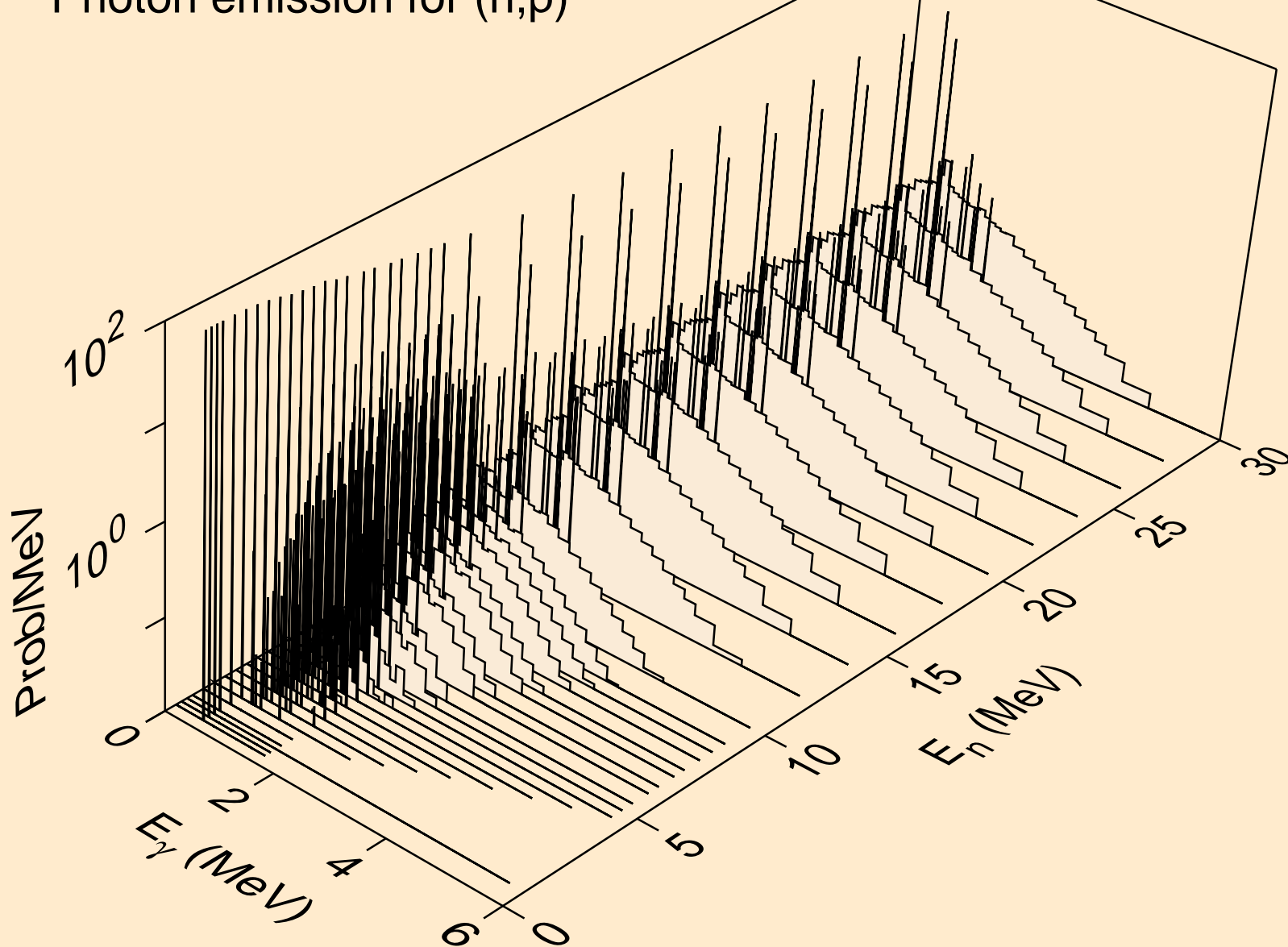
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



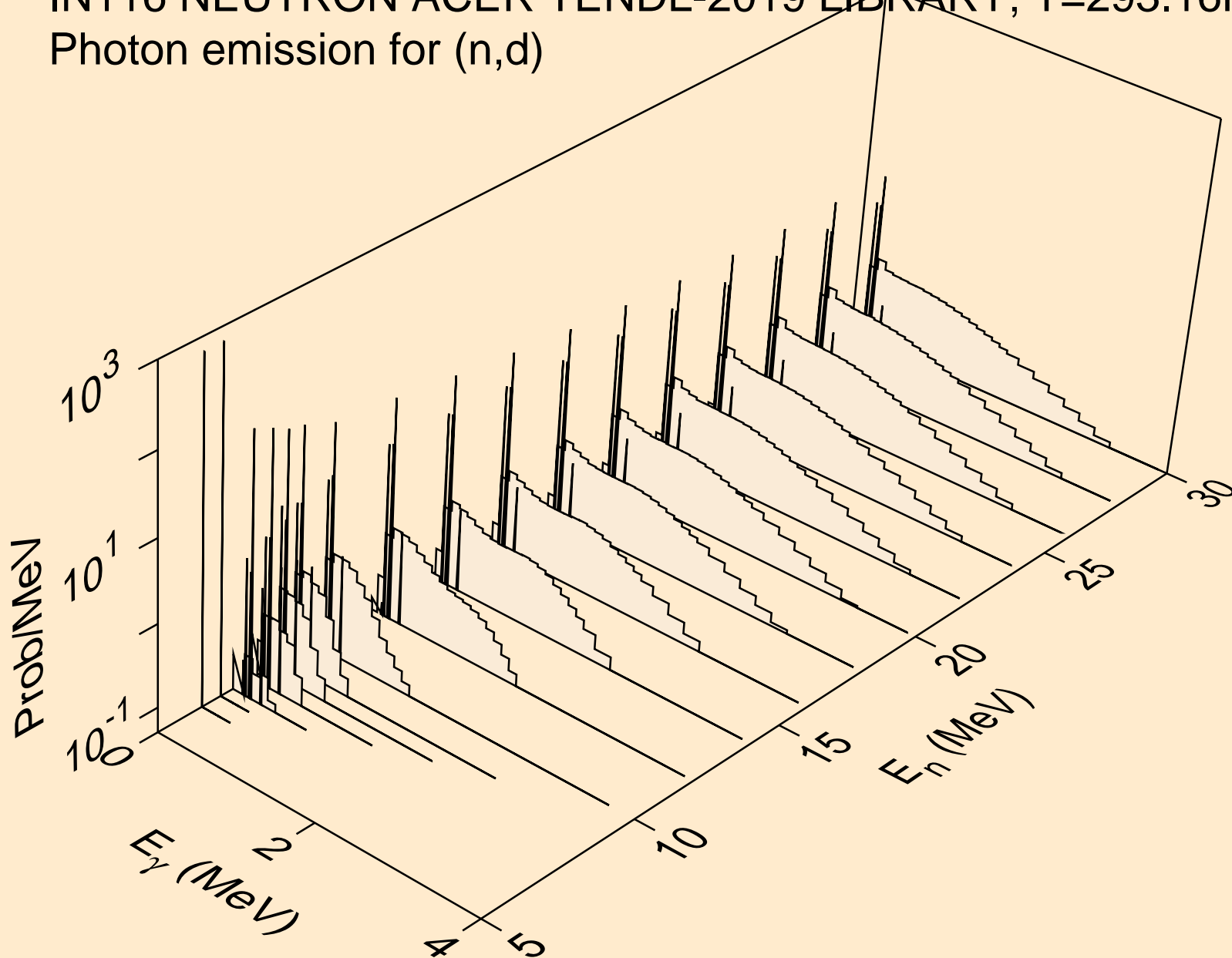
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



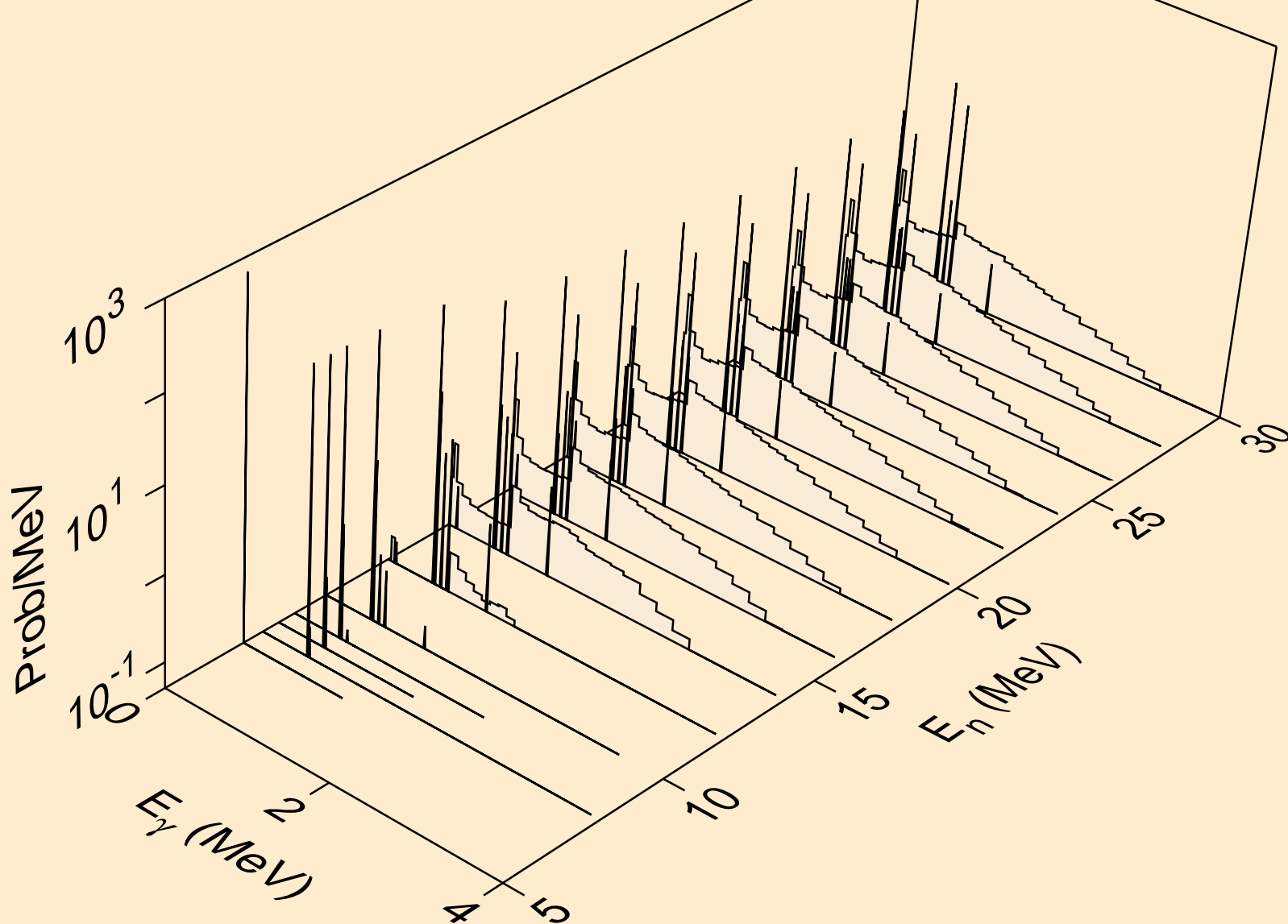
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



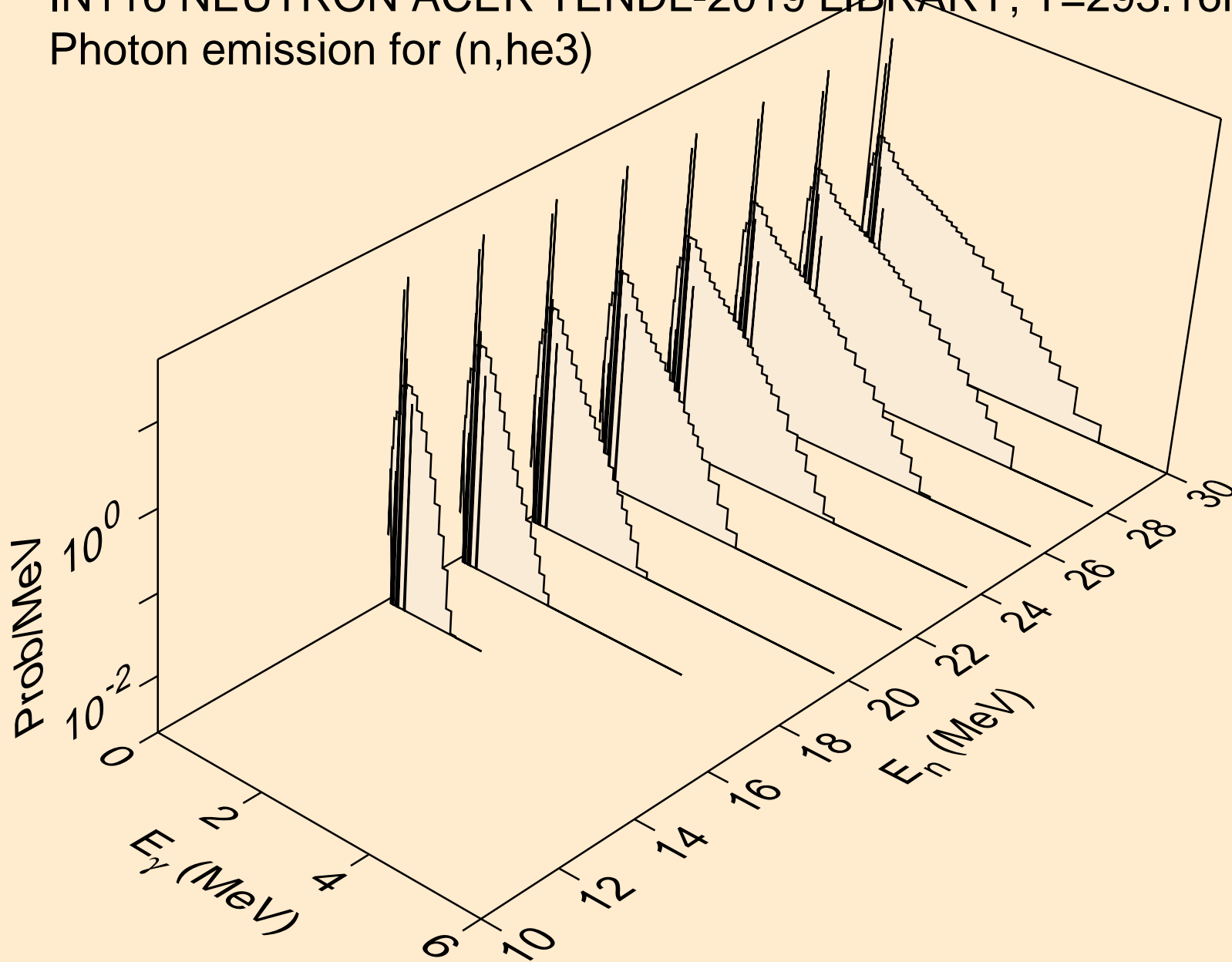
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)

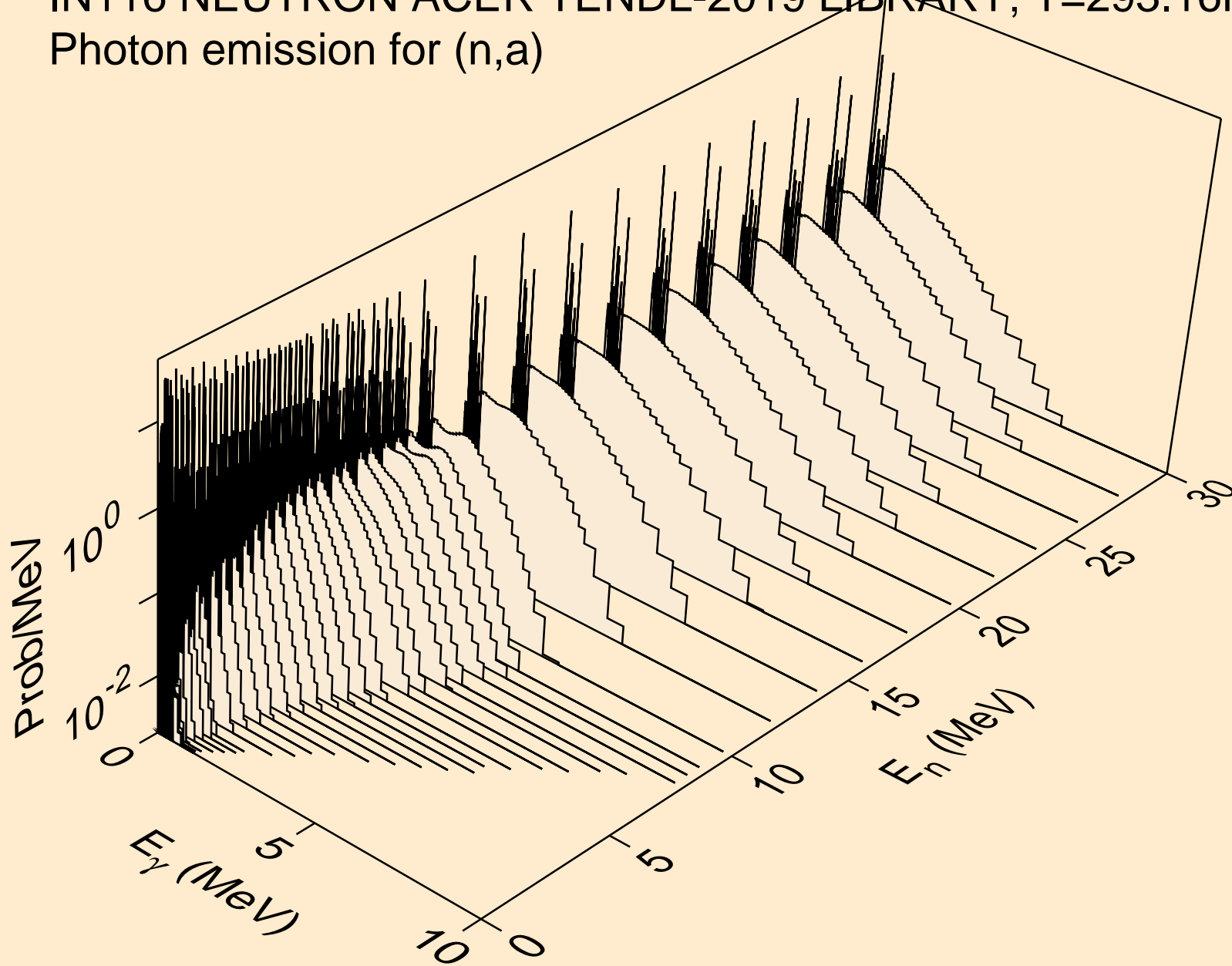


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)

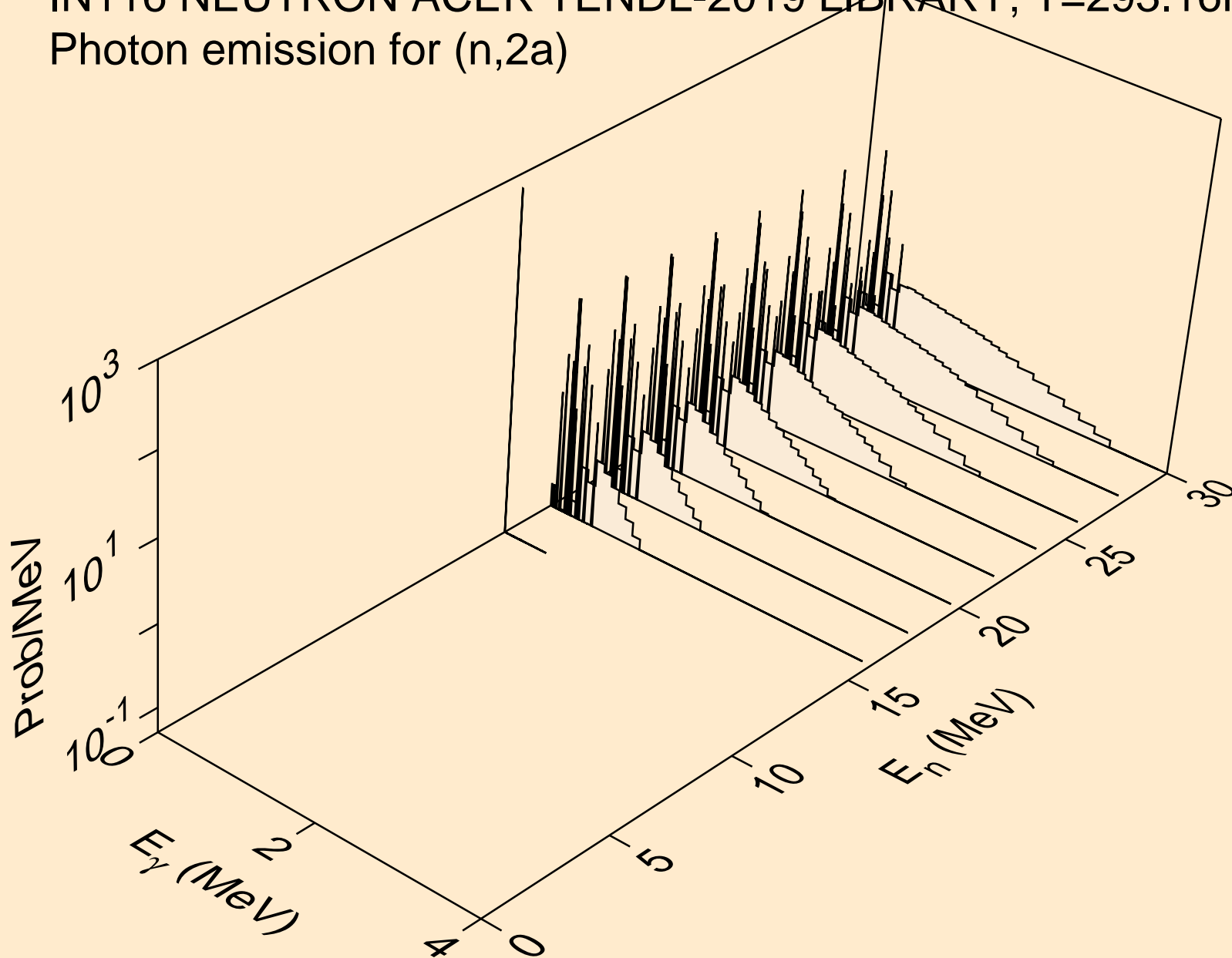




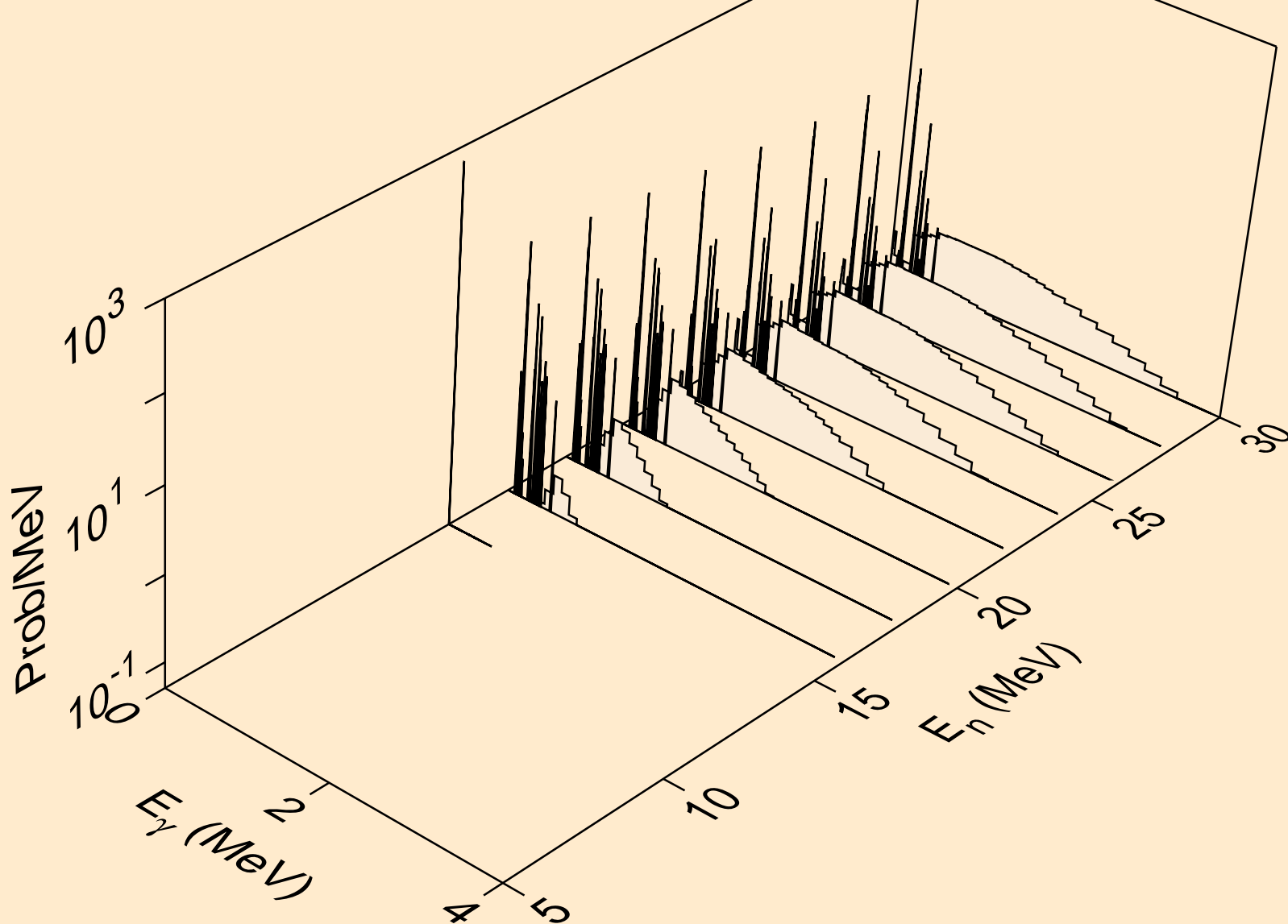
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



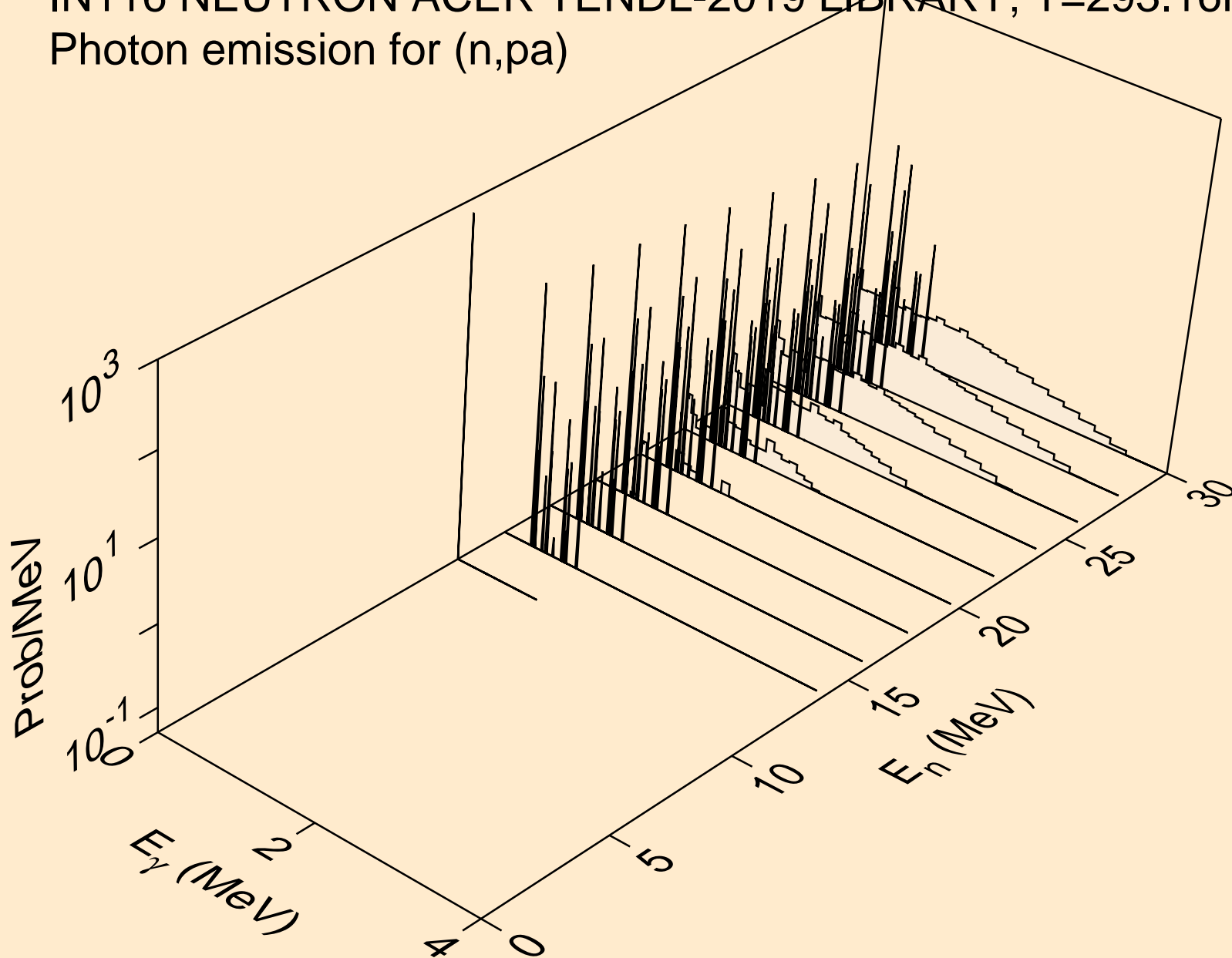
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



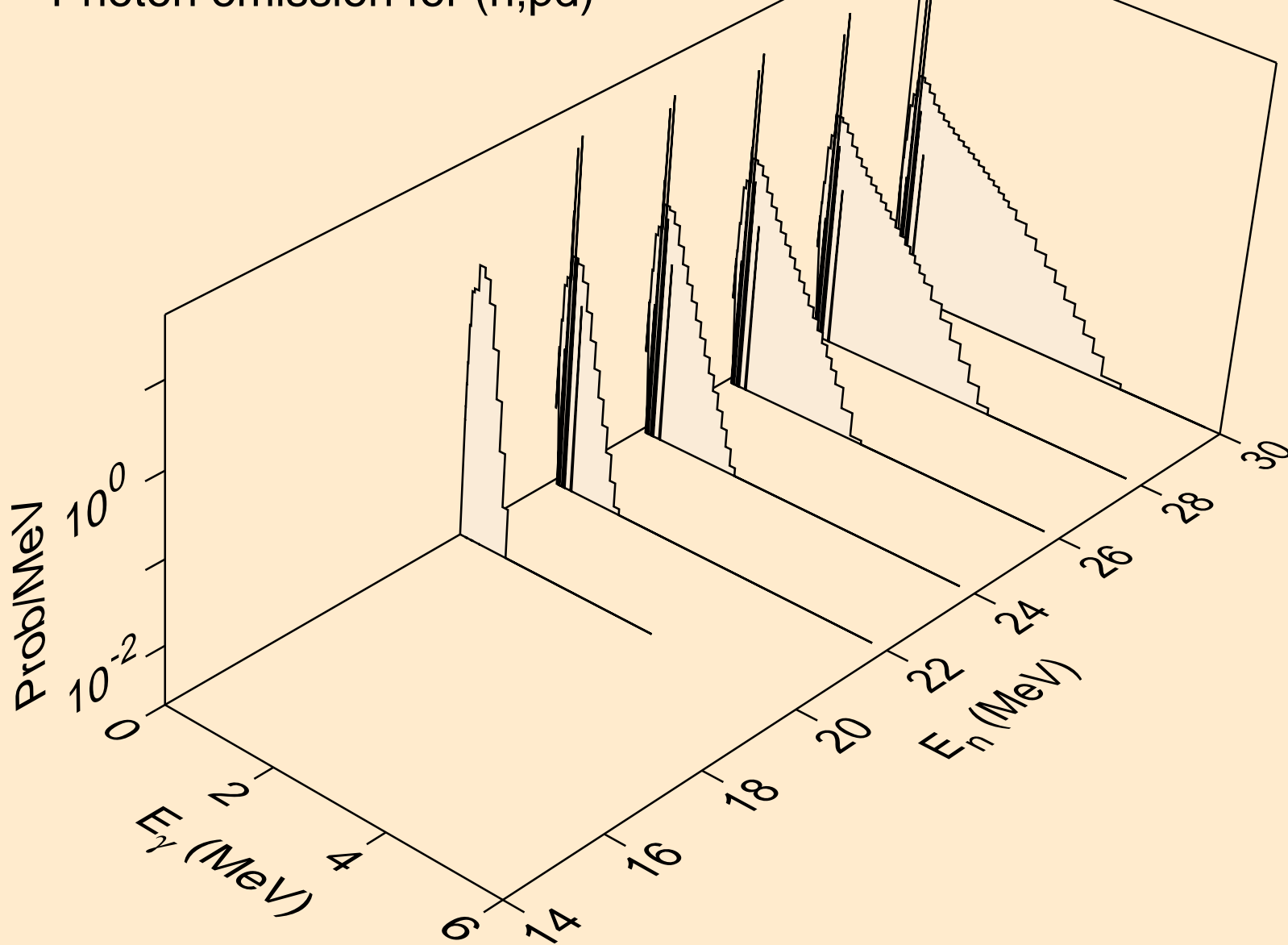
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



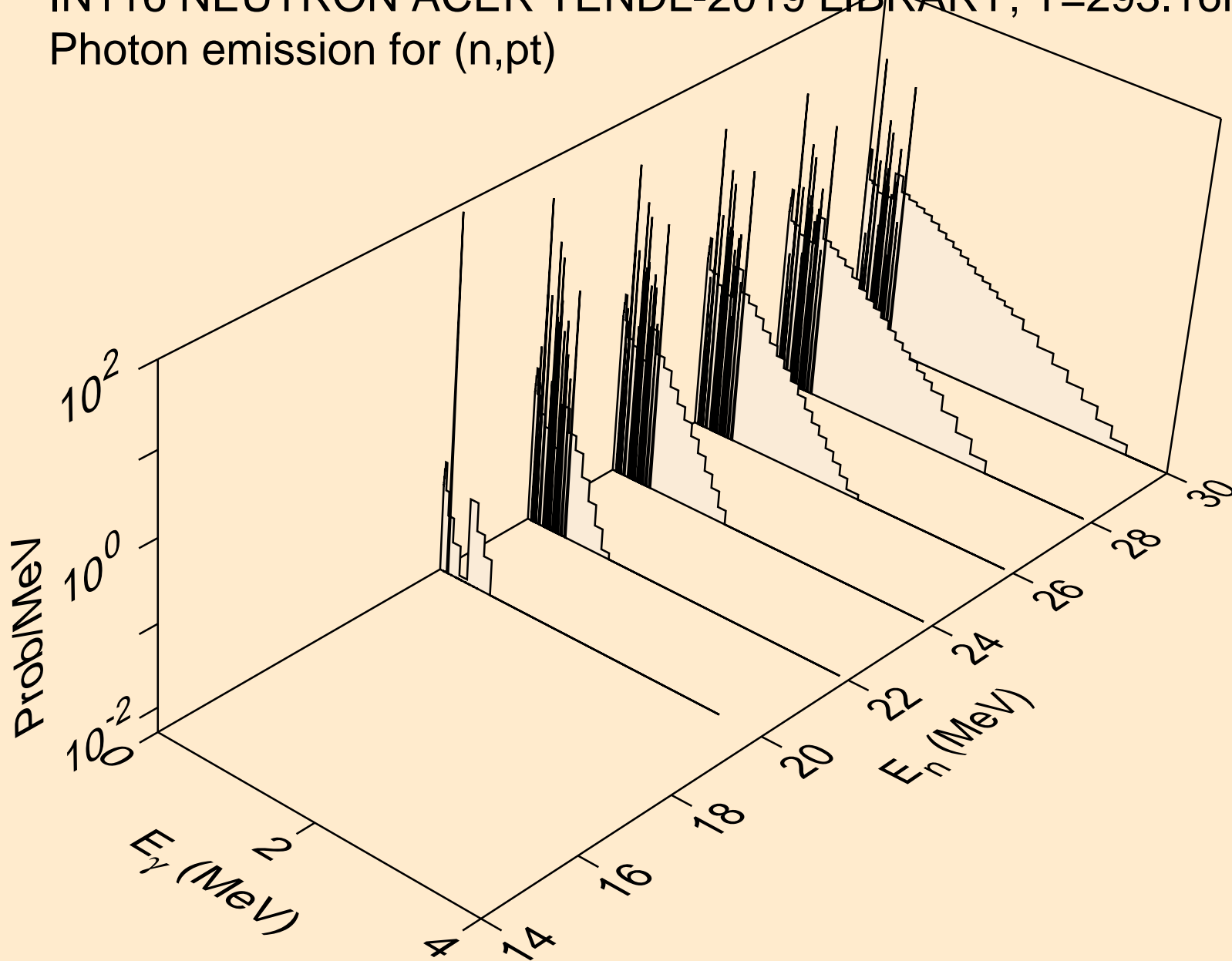
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )



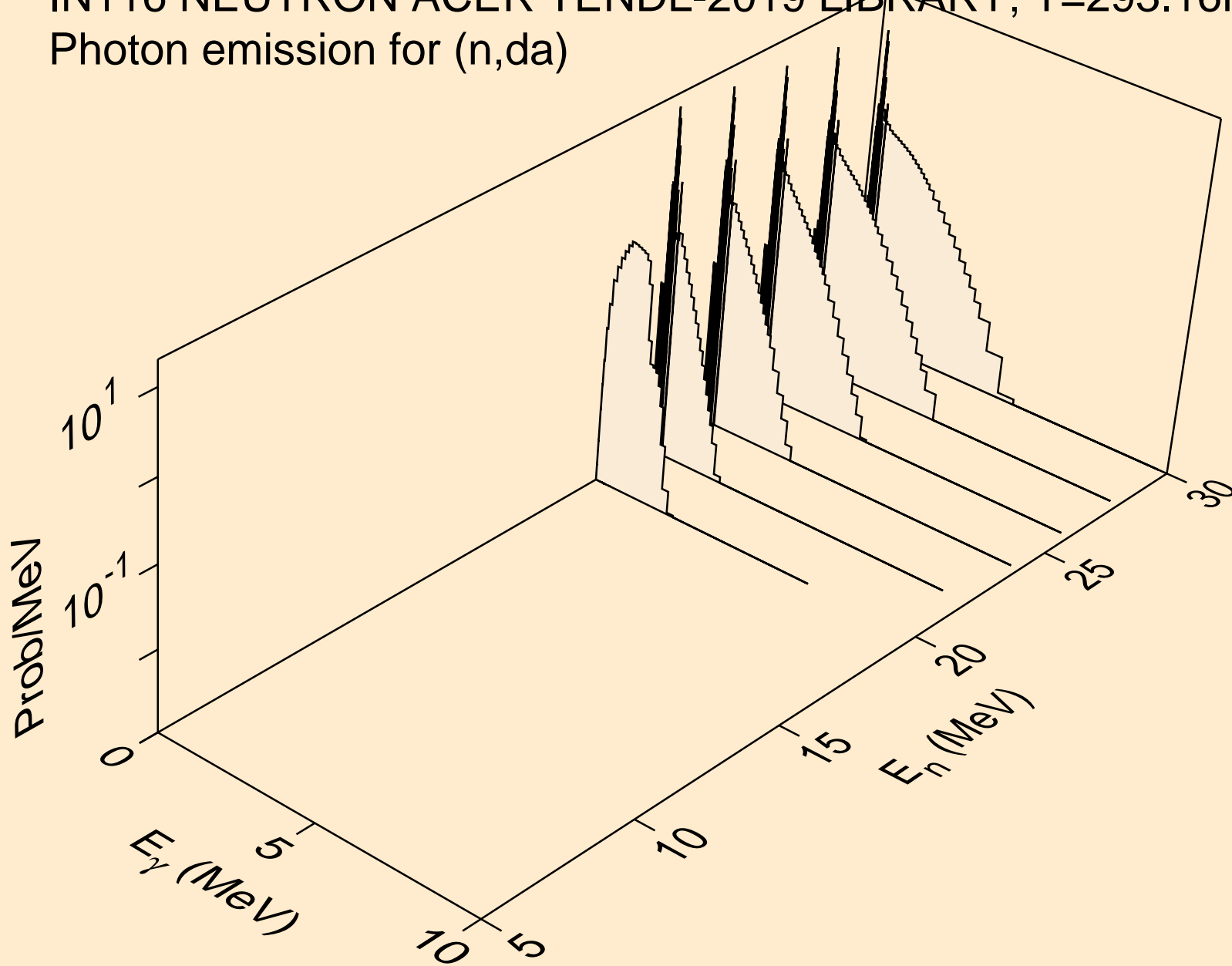
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



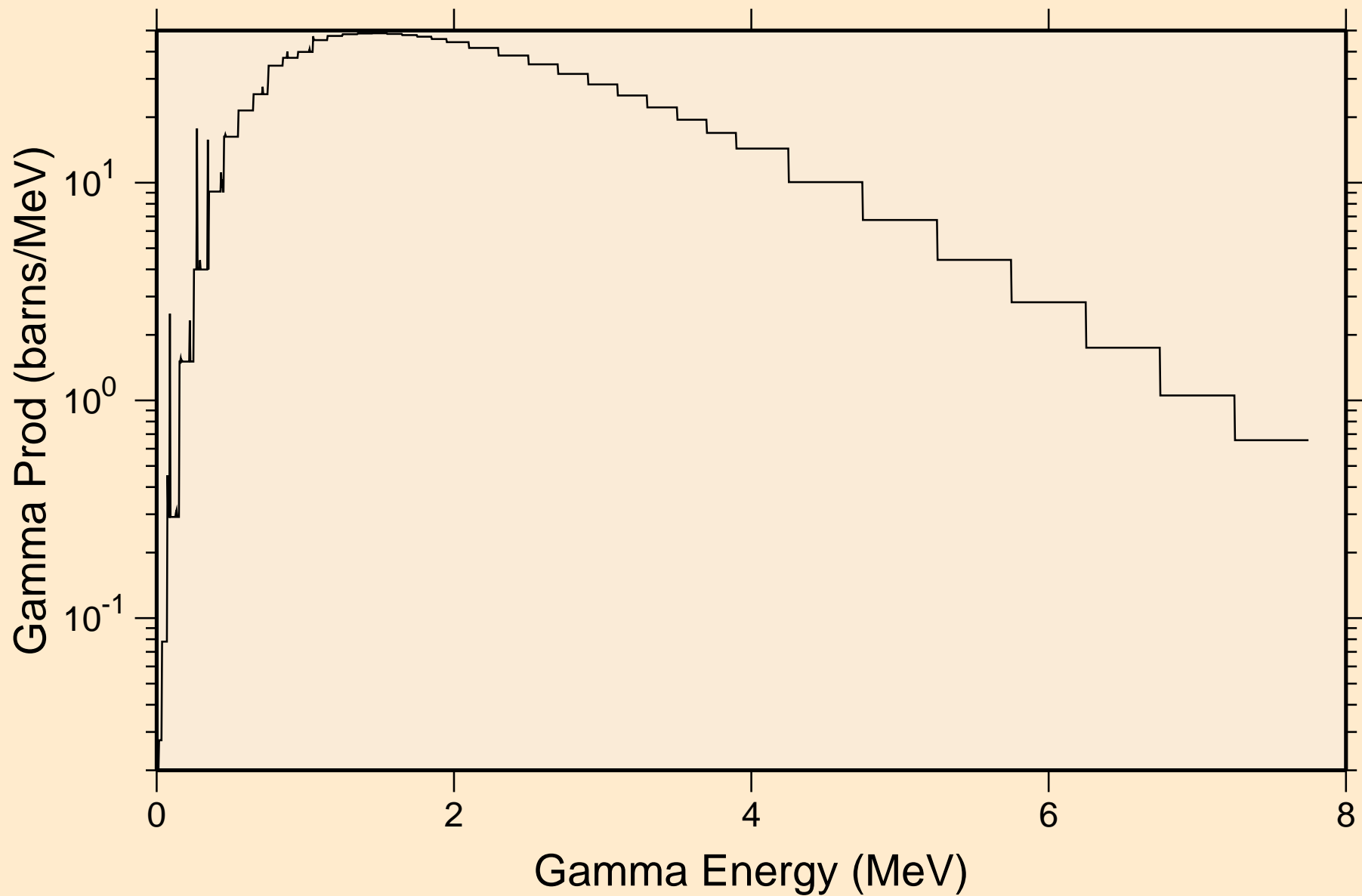
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)

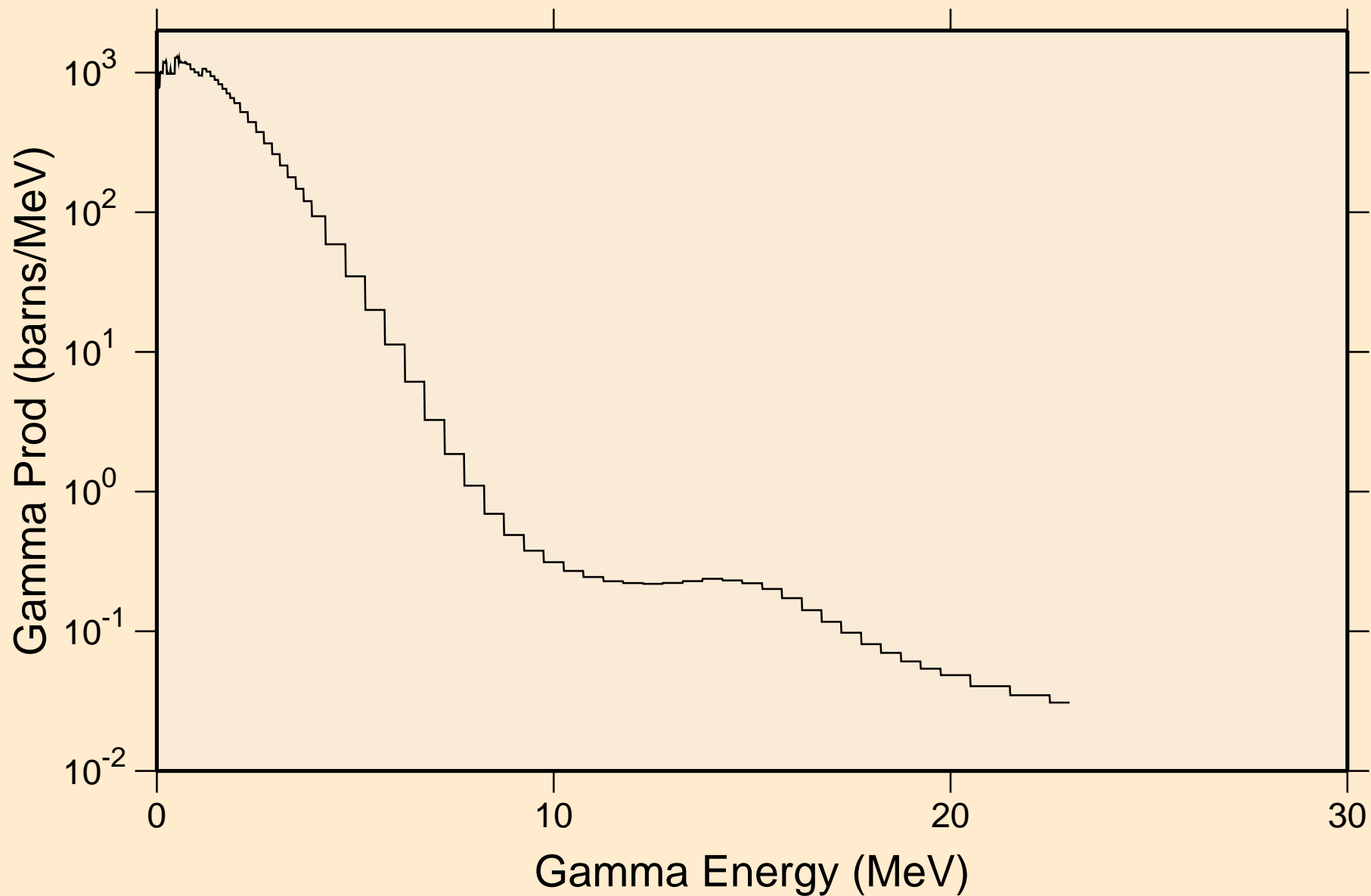


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



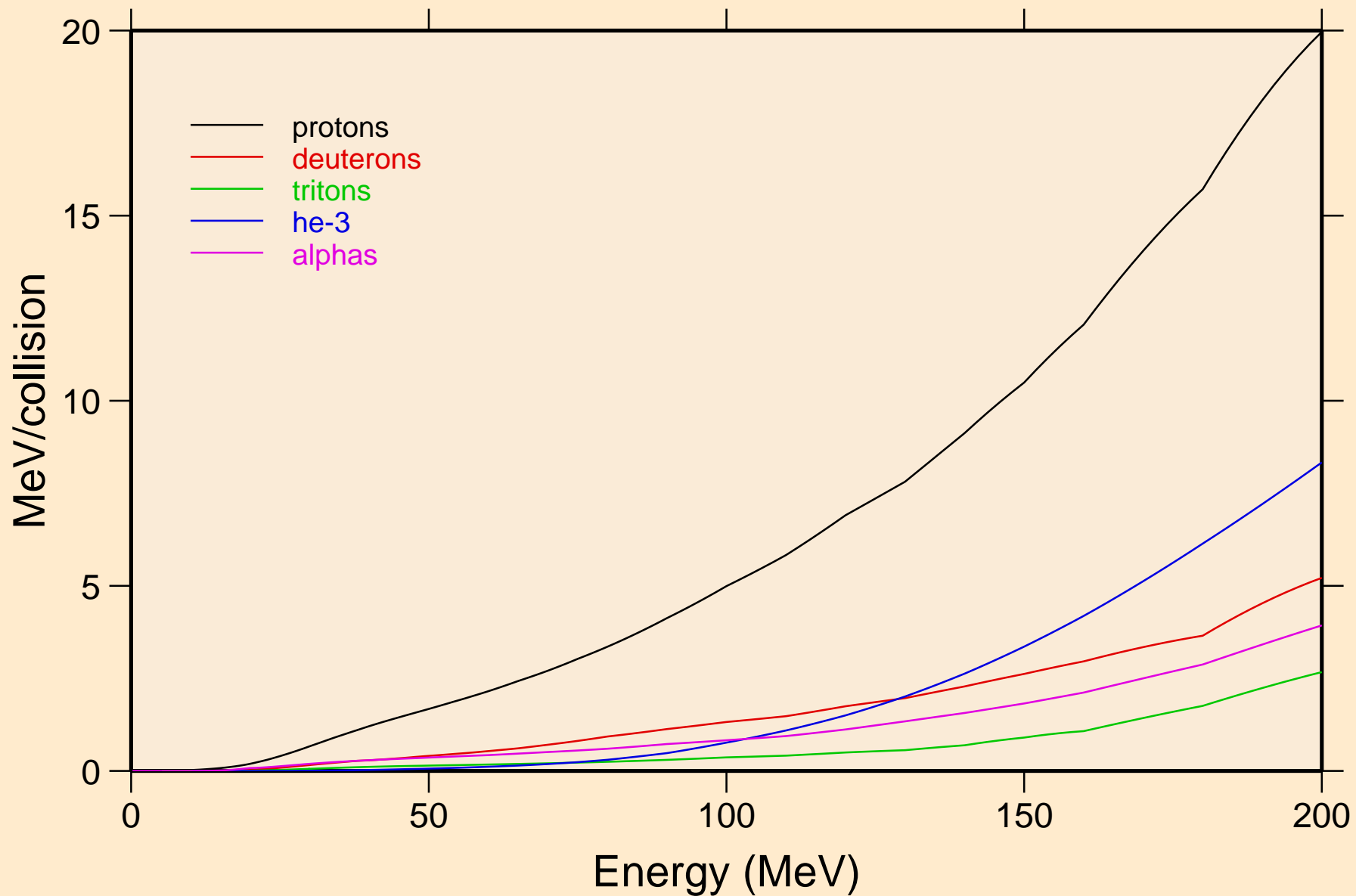


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

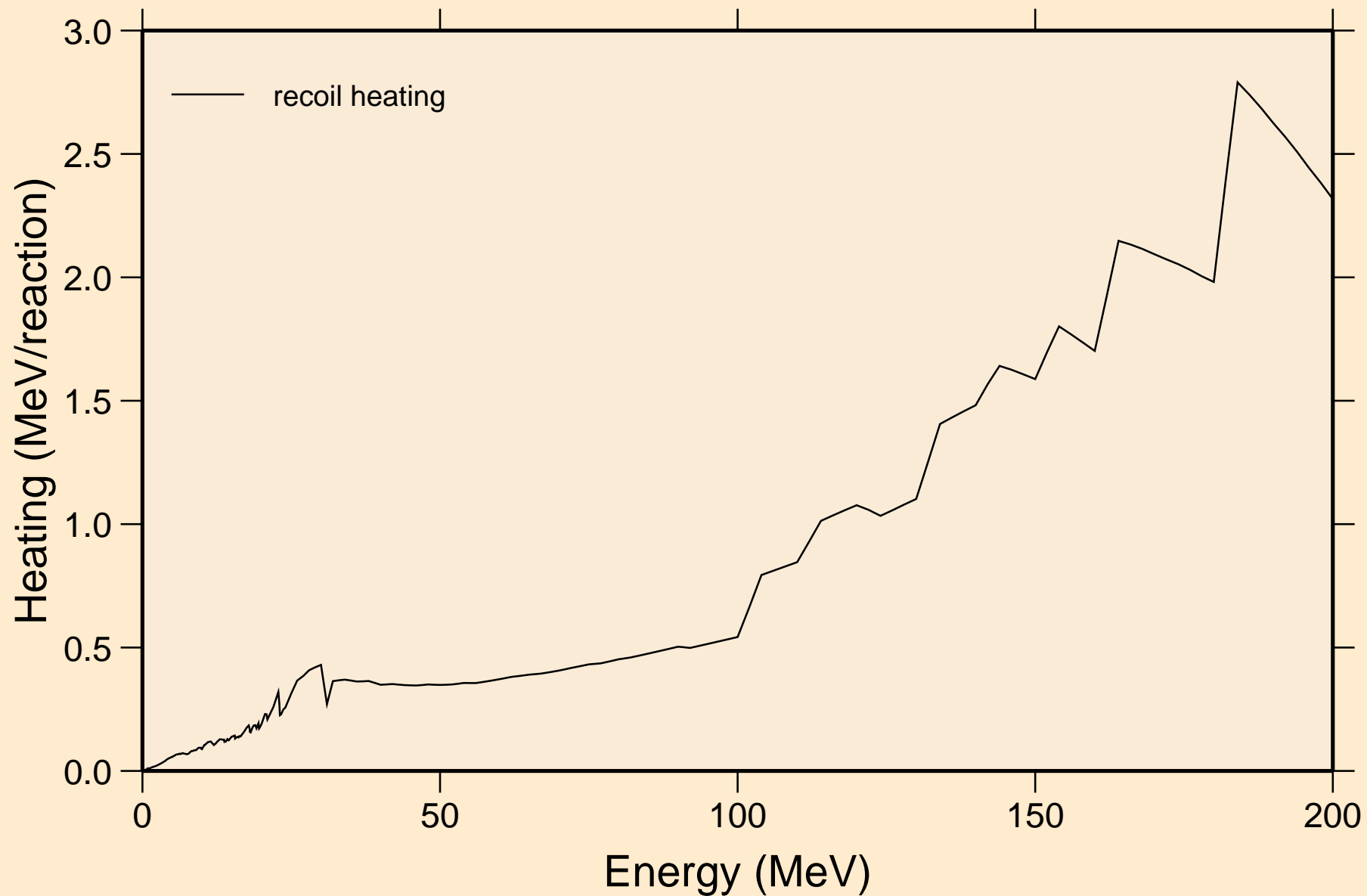


# IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Particle heating contributions

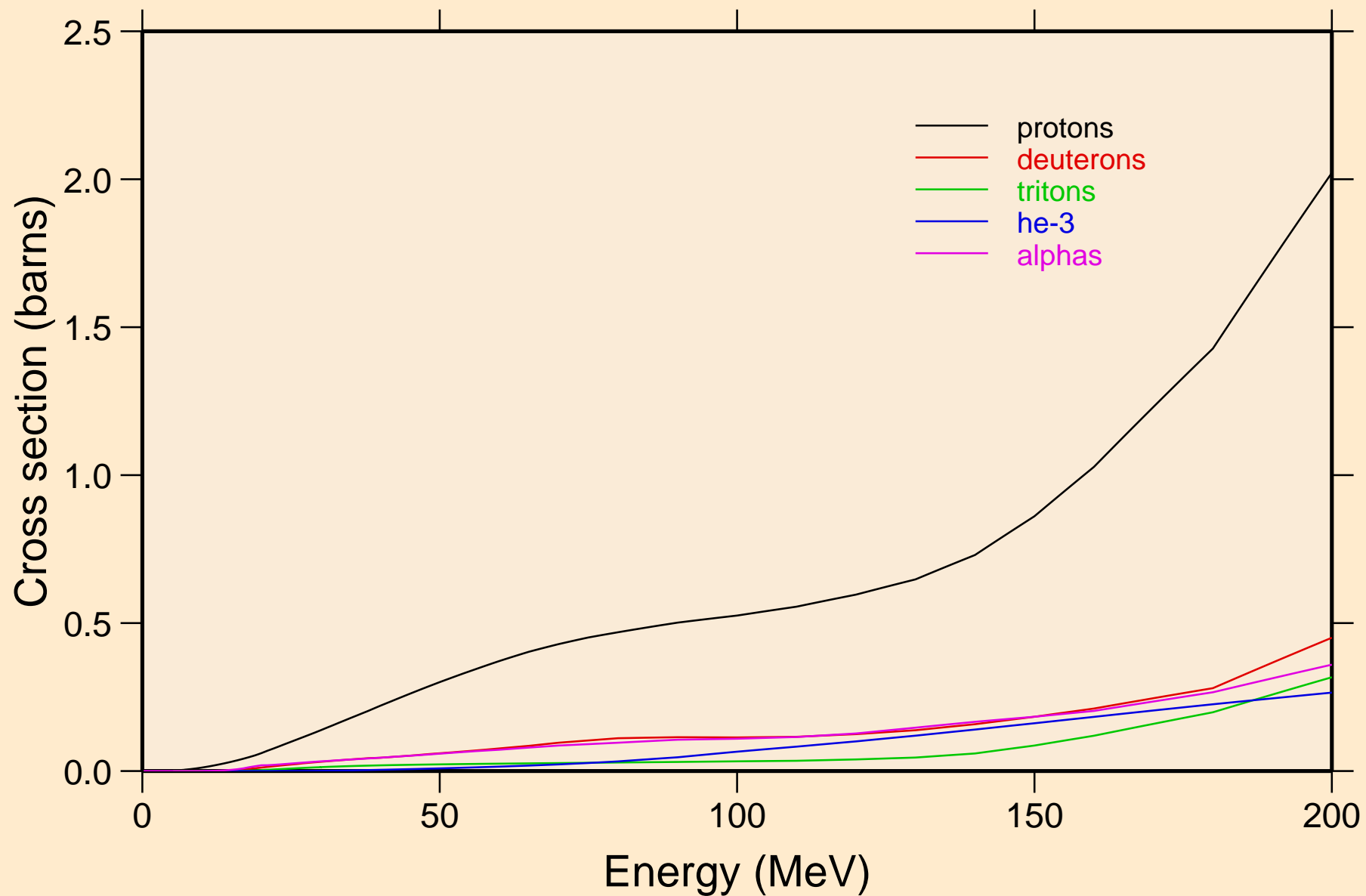


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

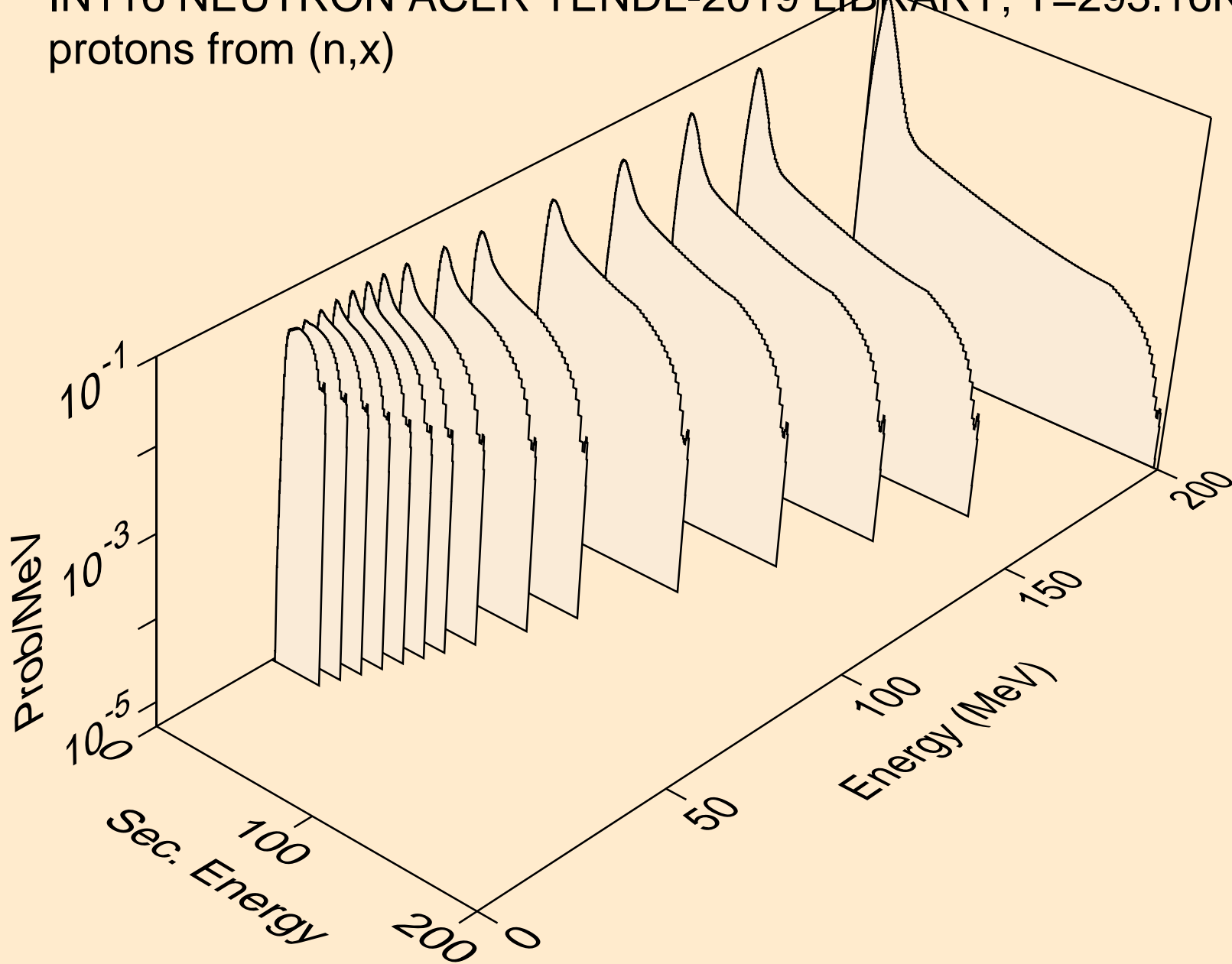


# IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

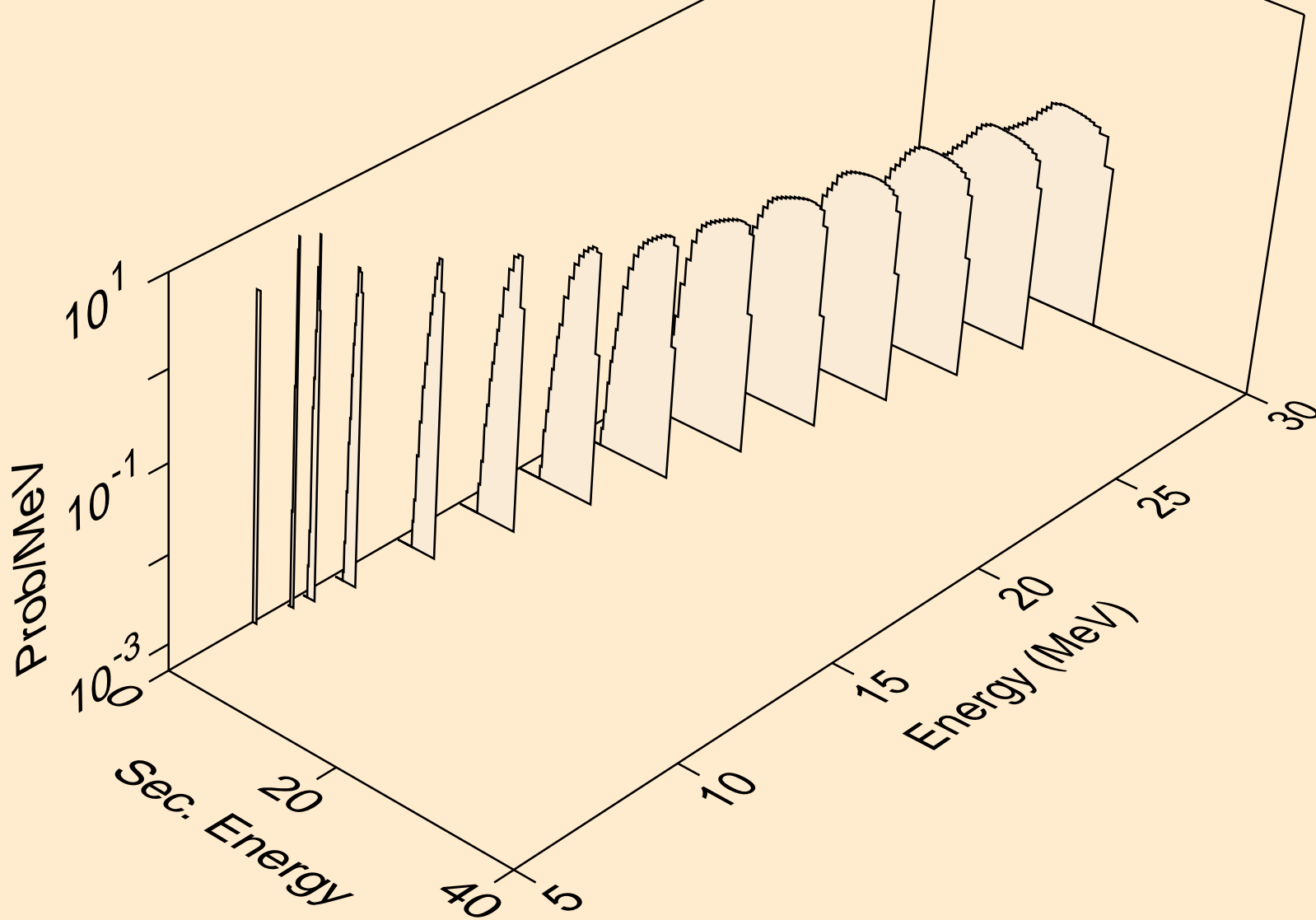
## Particle production cross sections



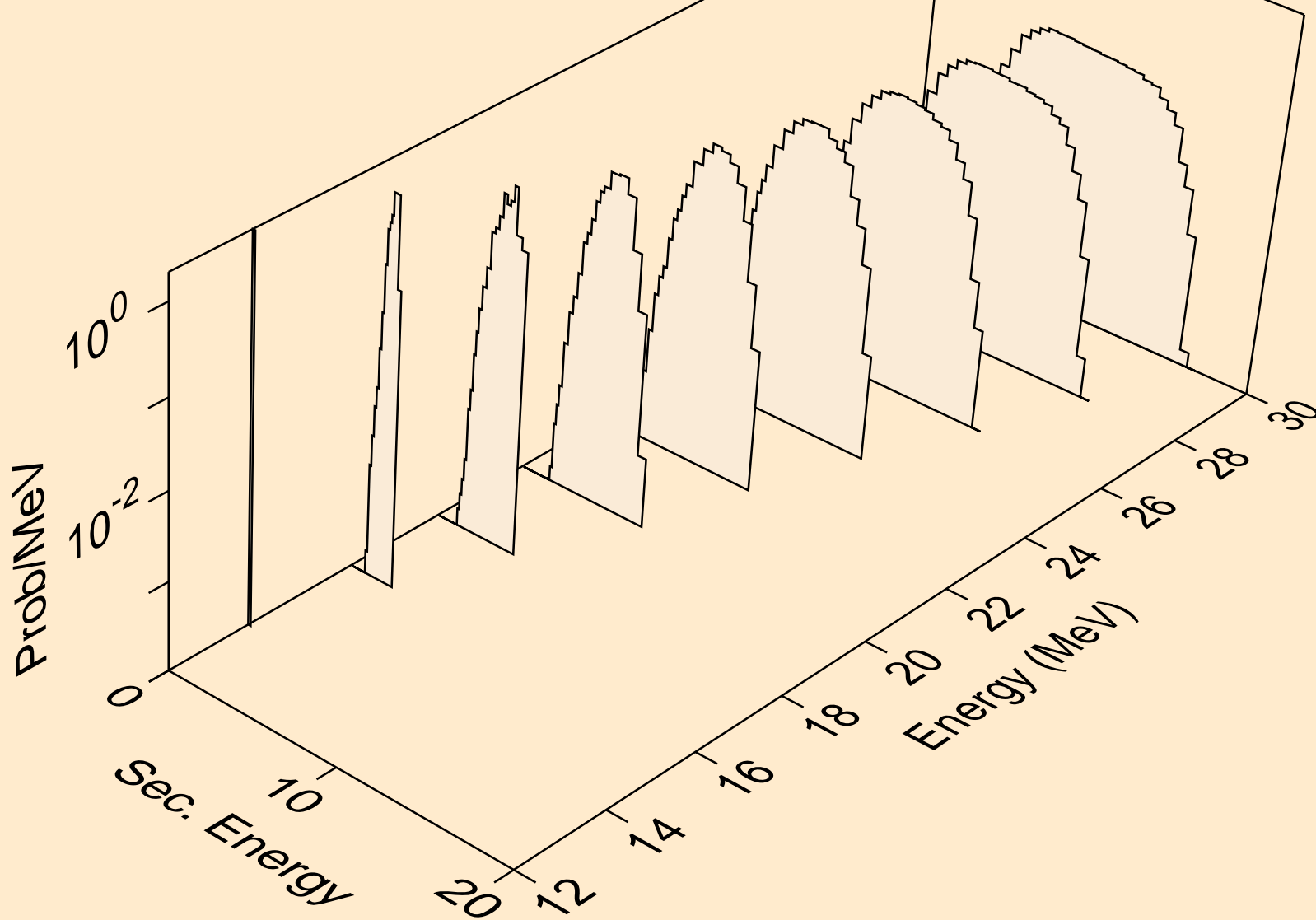
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



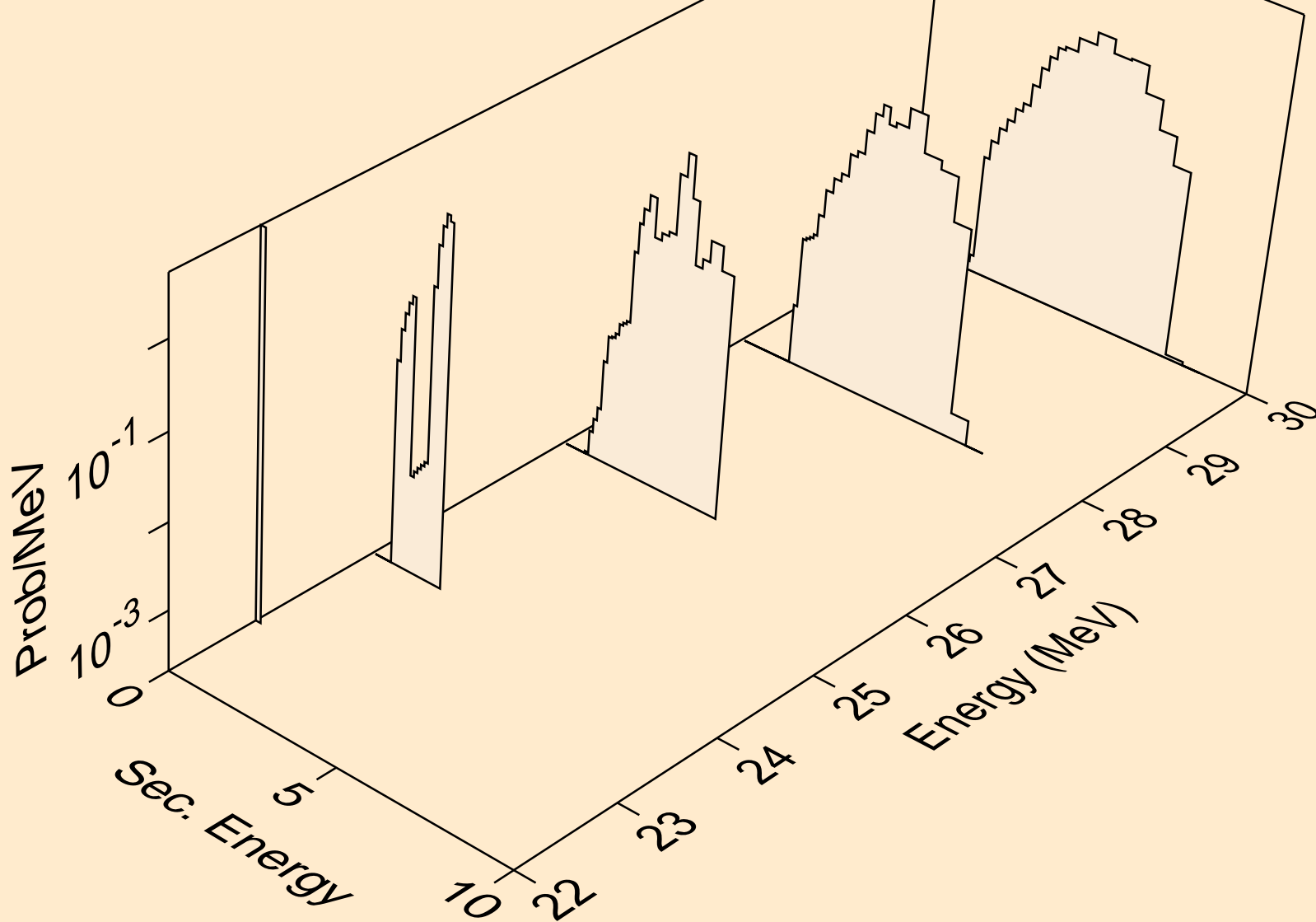
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

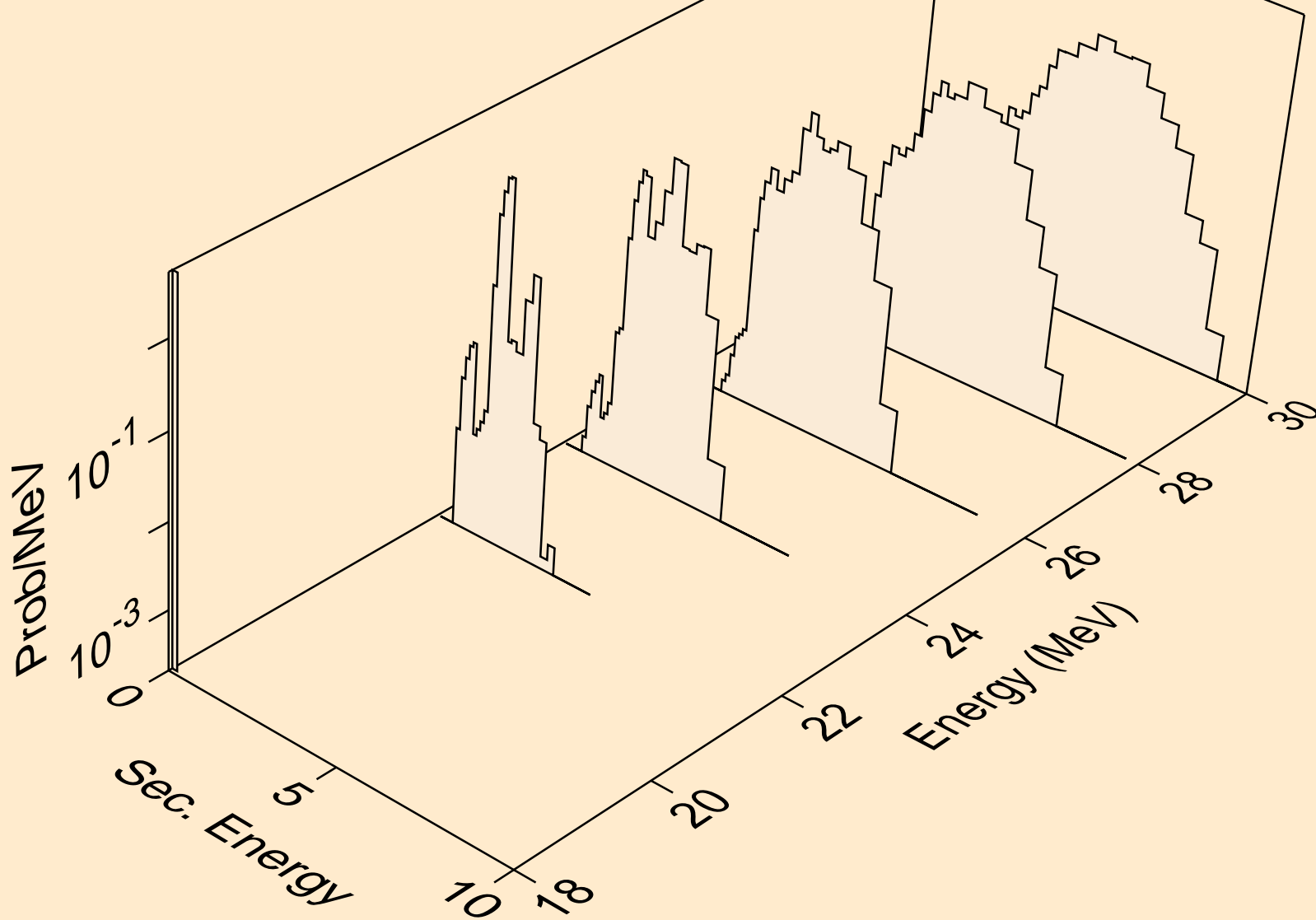


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)

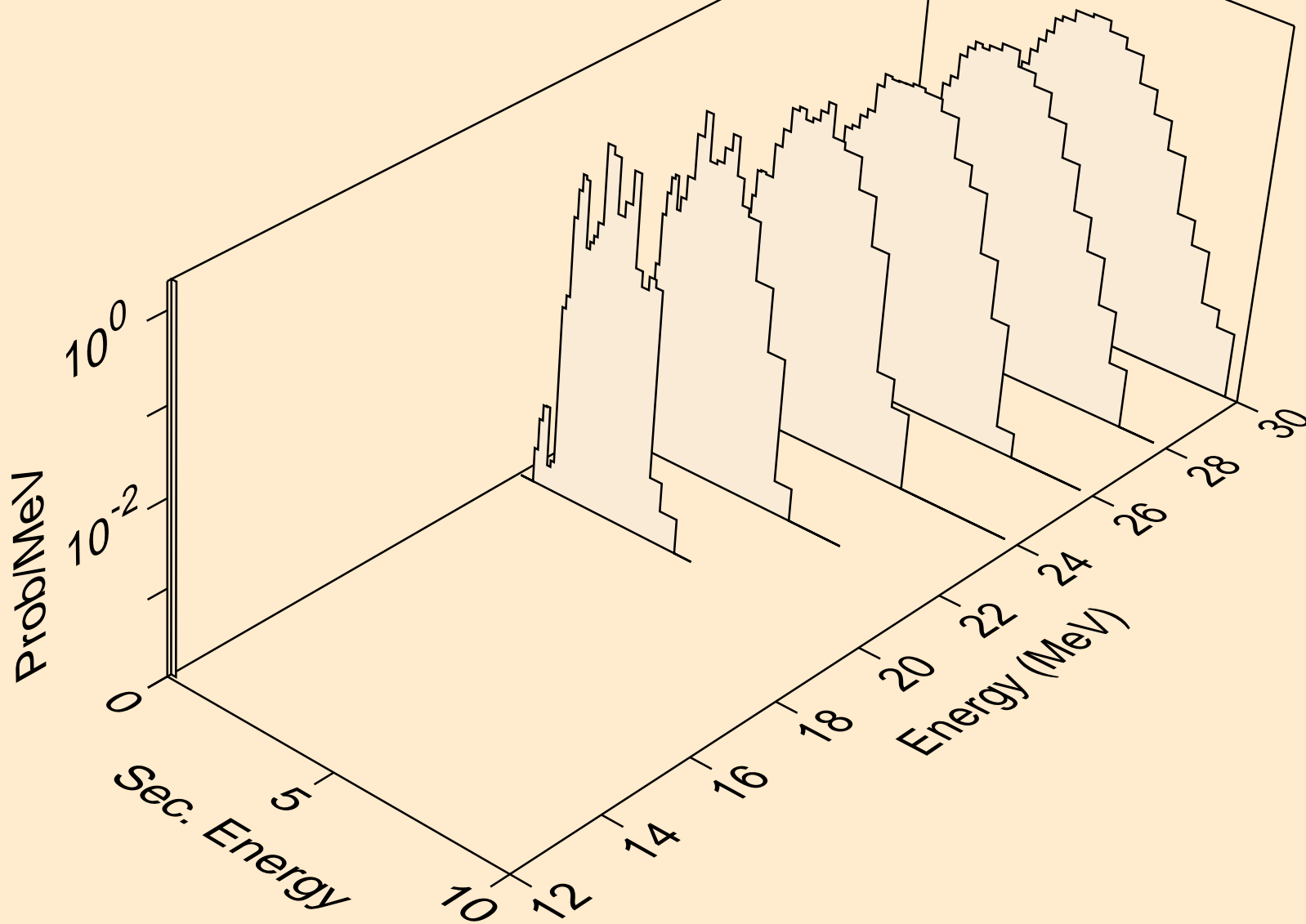




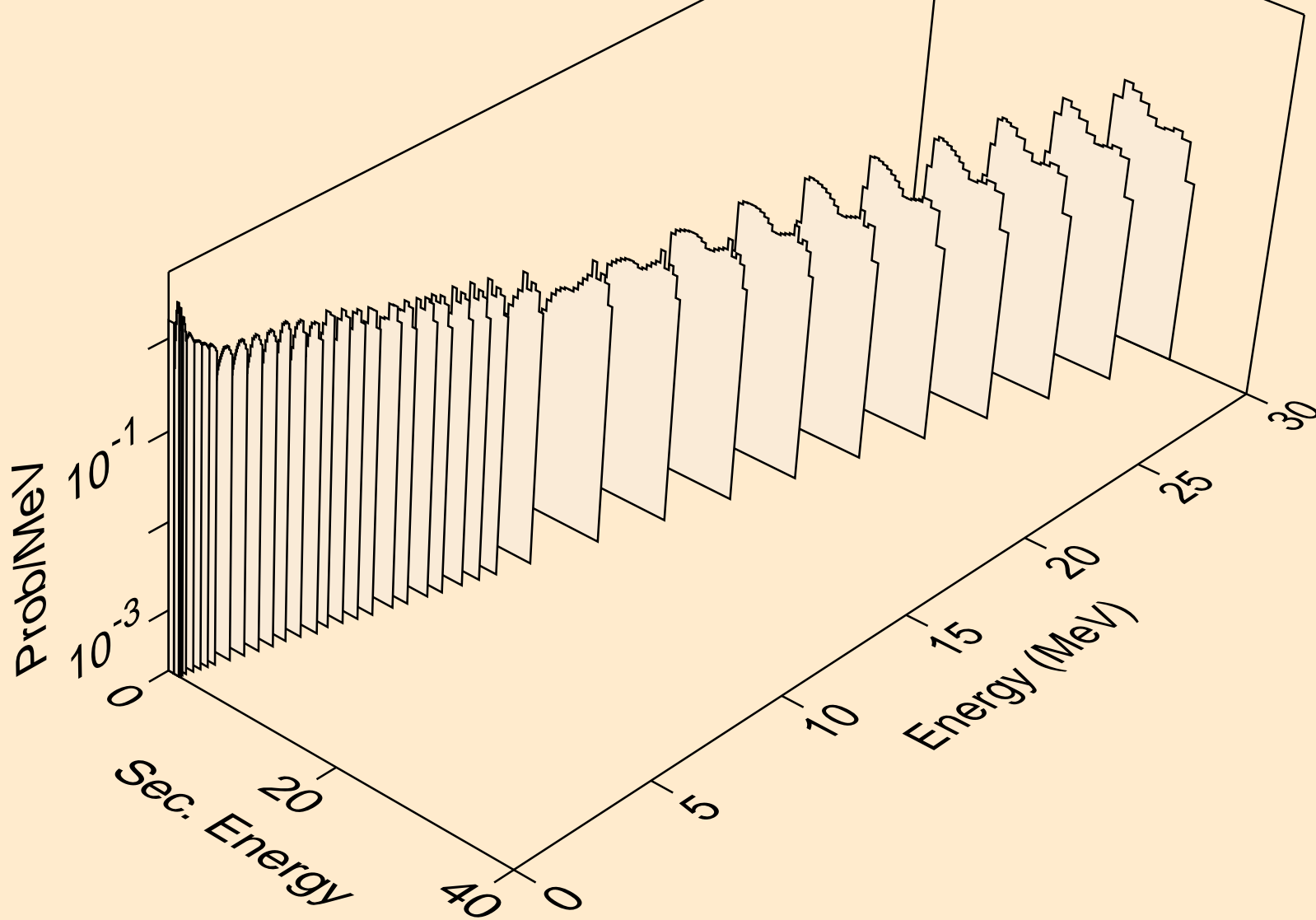
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



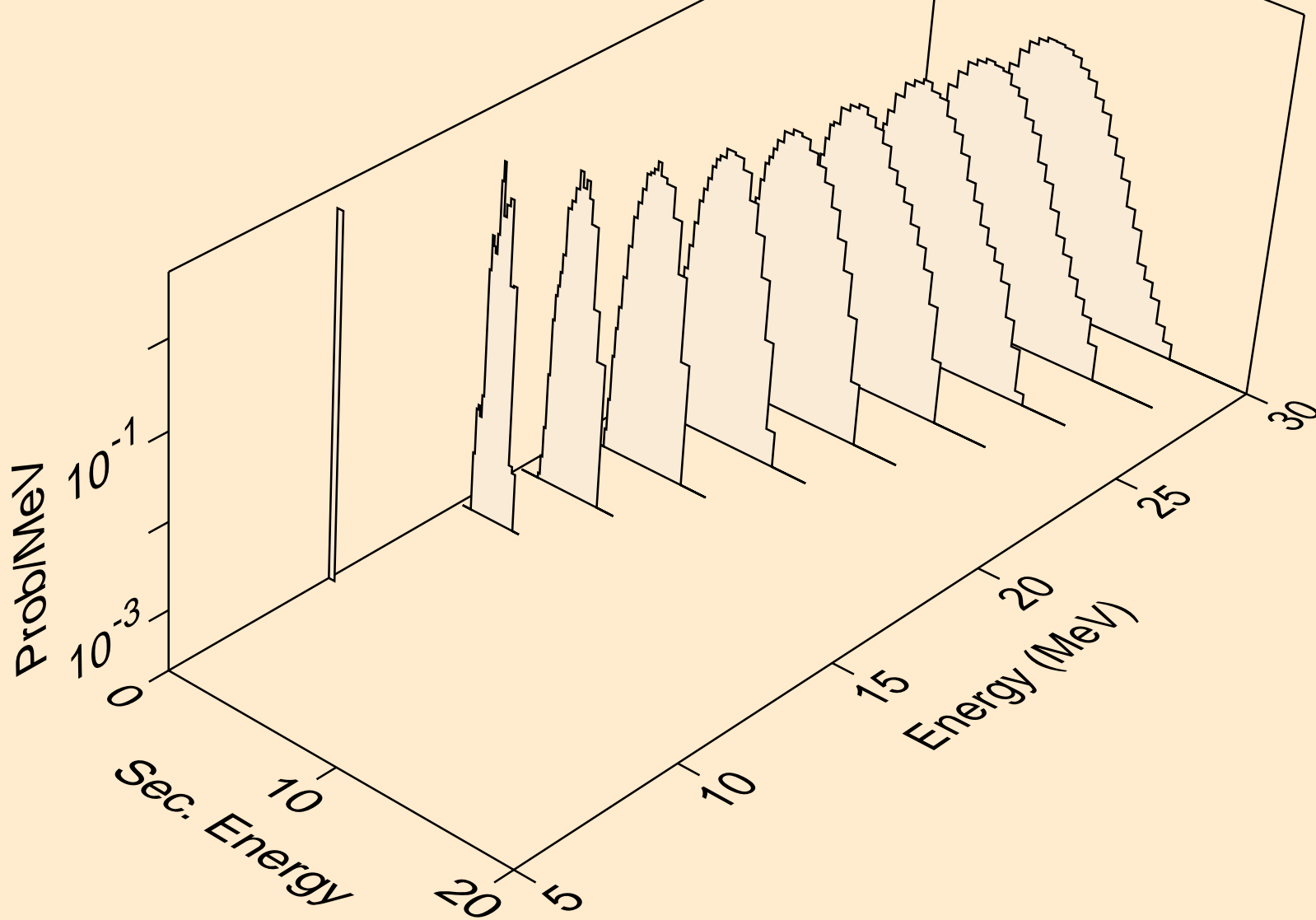
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



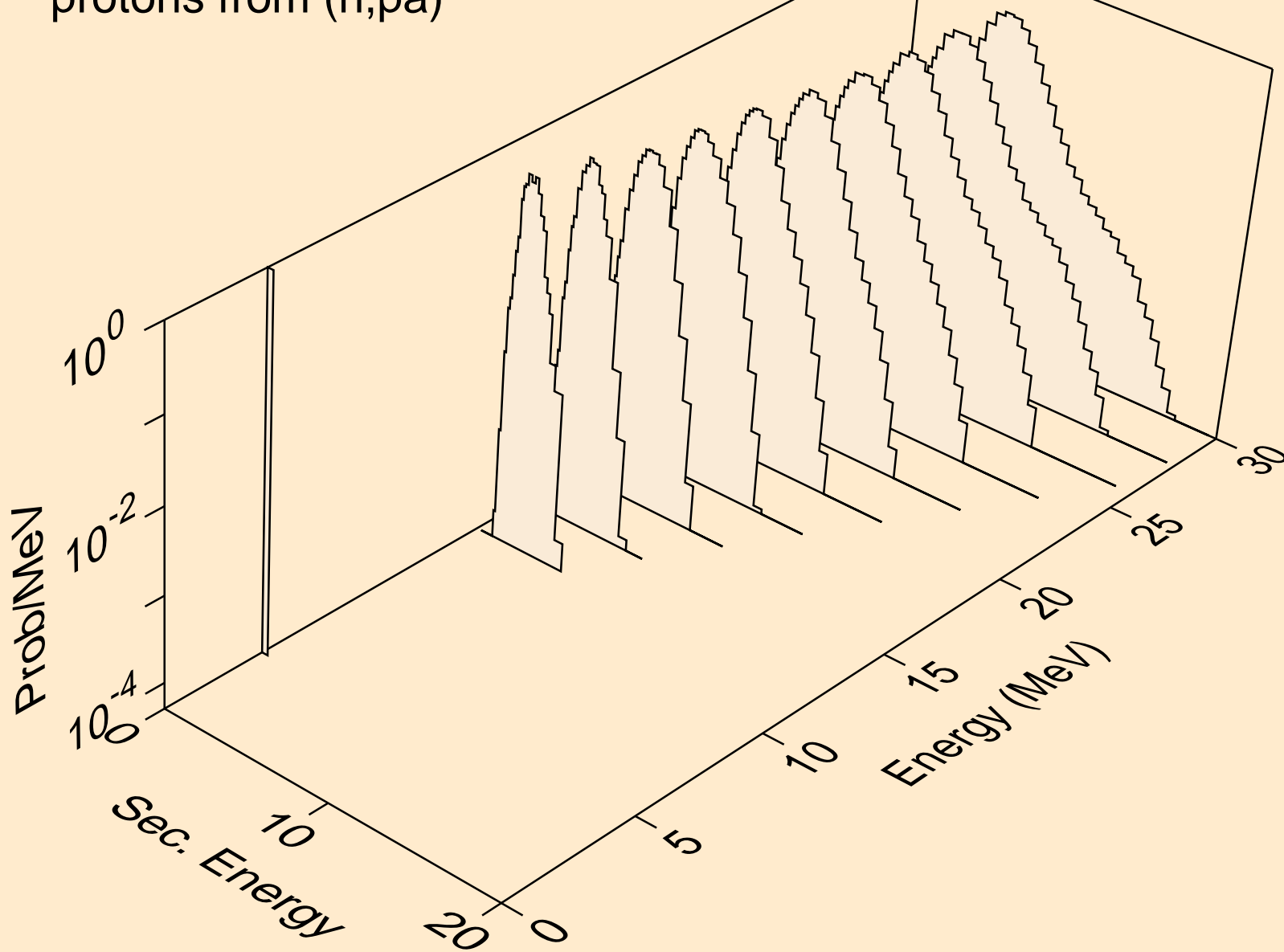
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



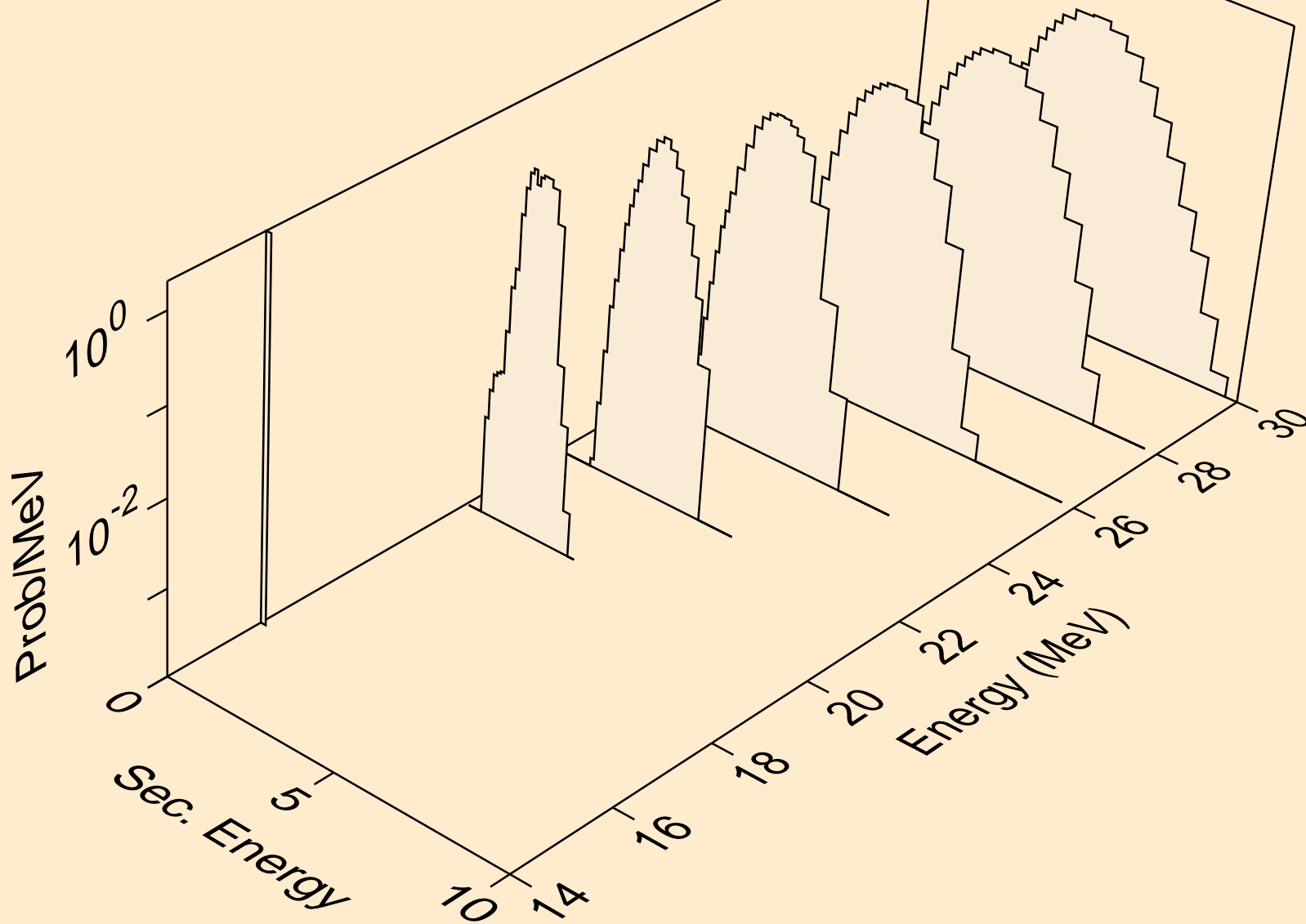
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



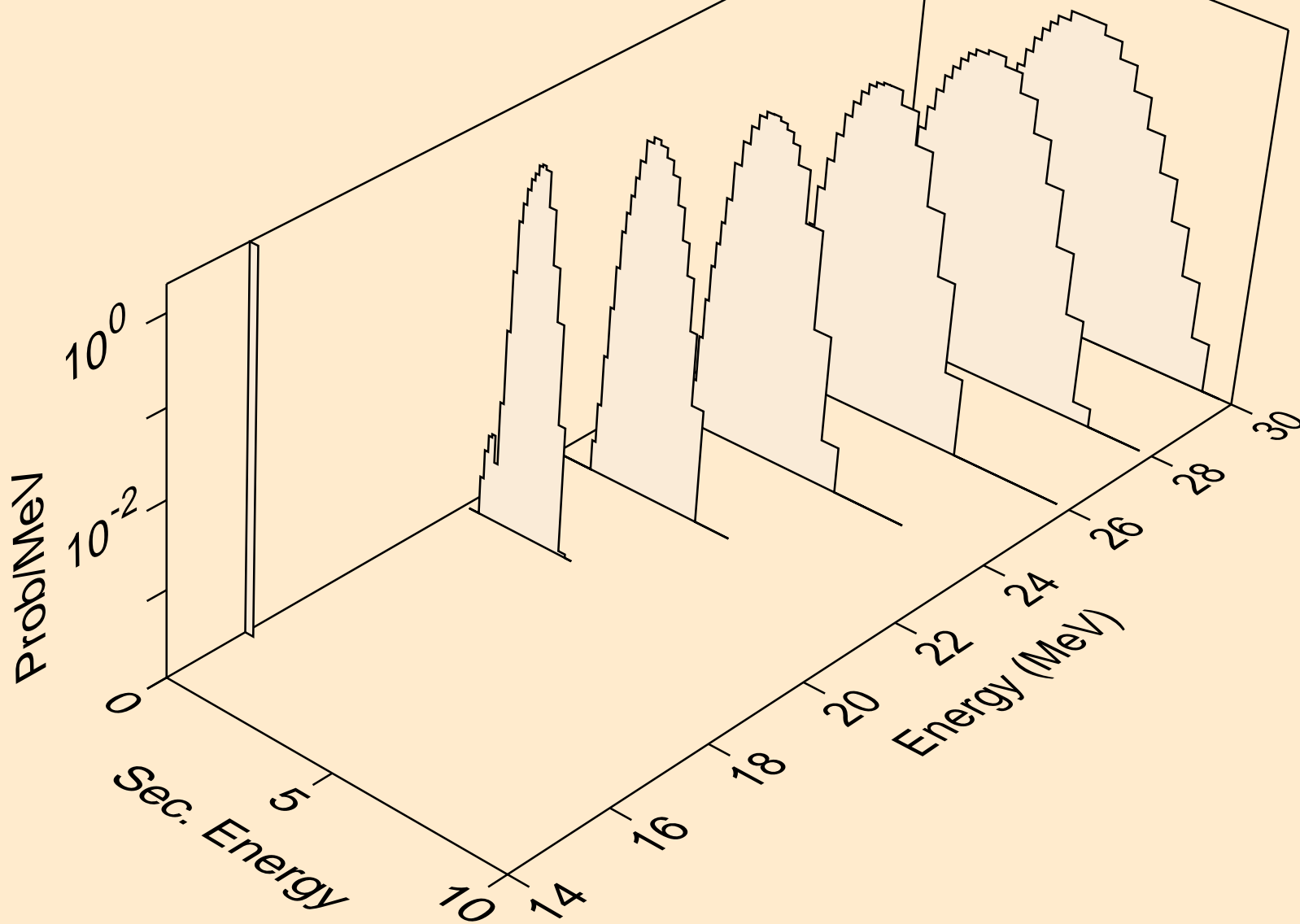
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



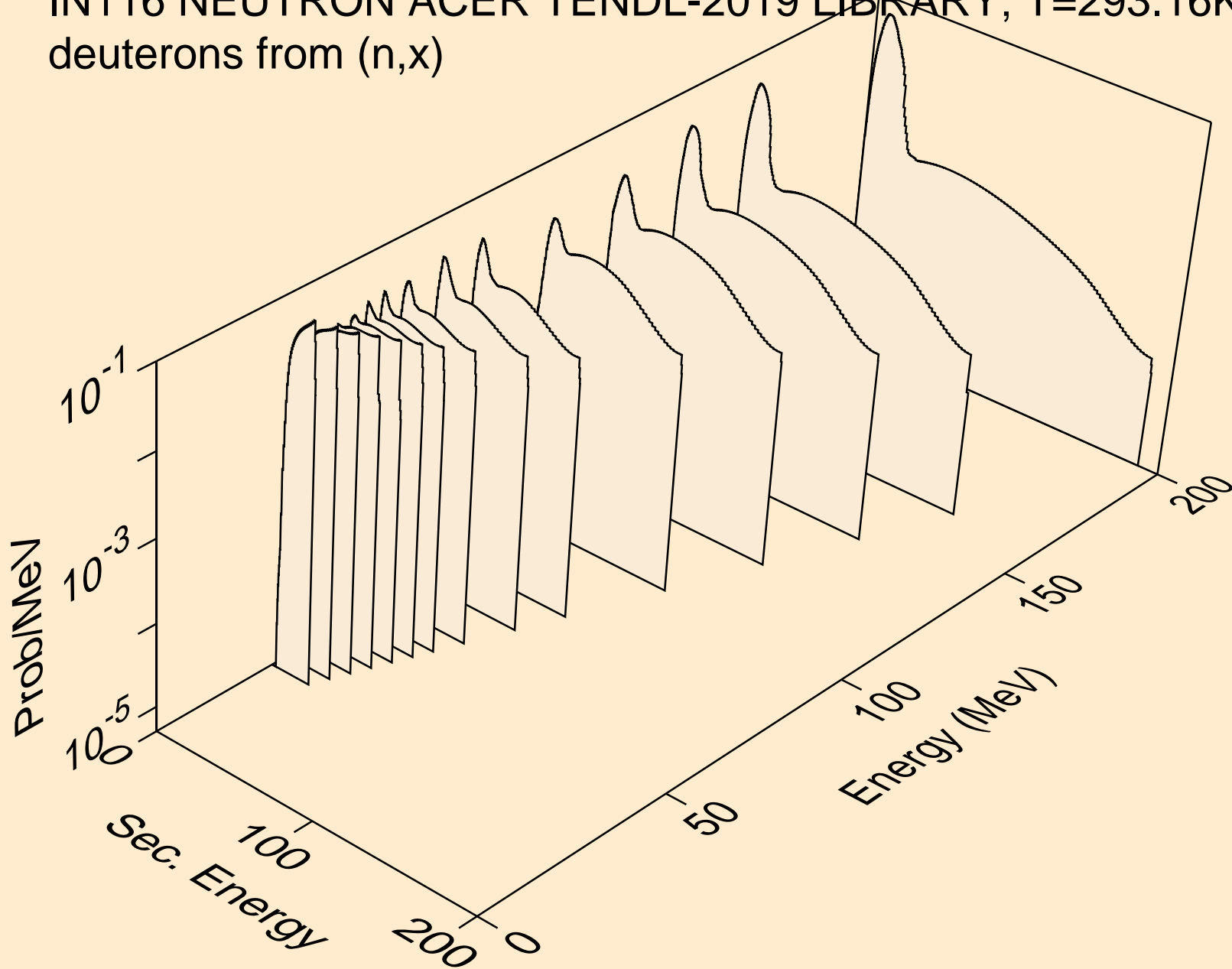
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)

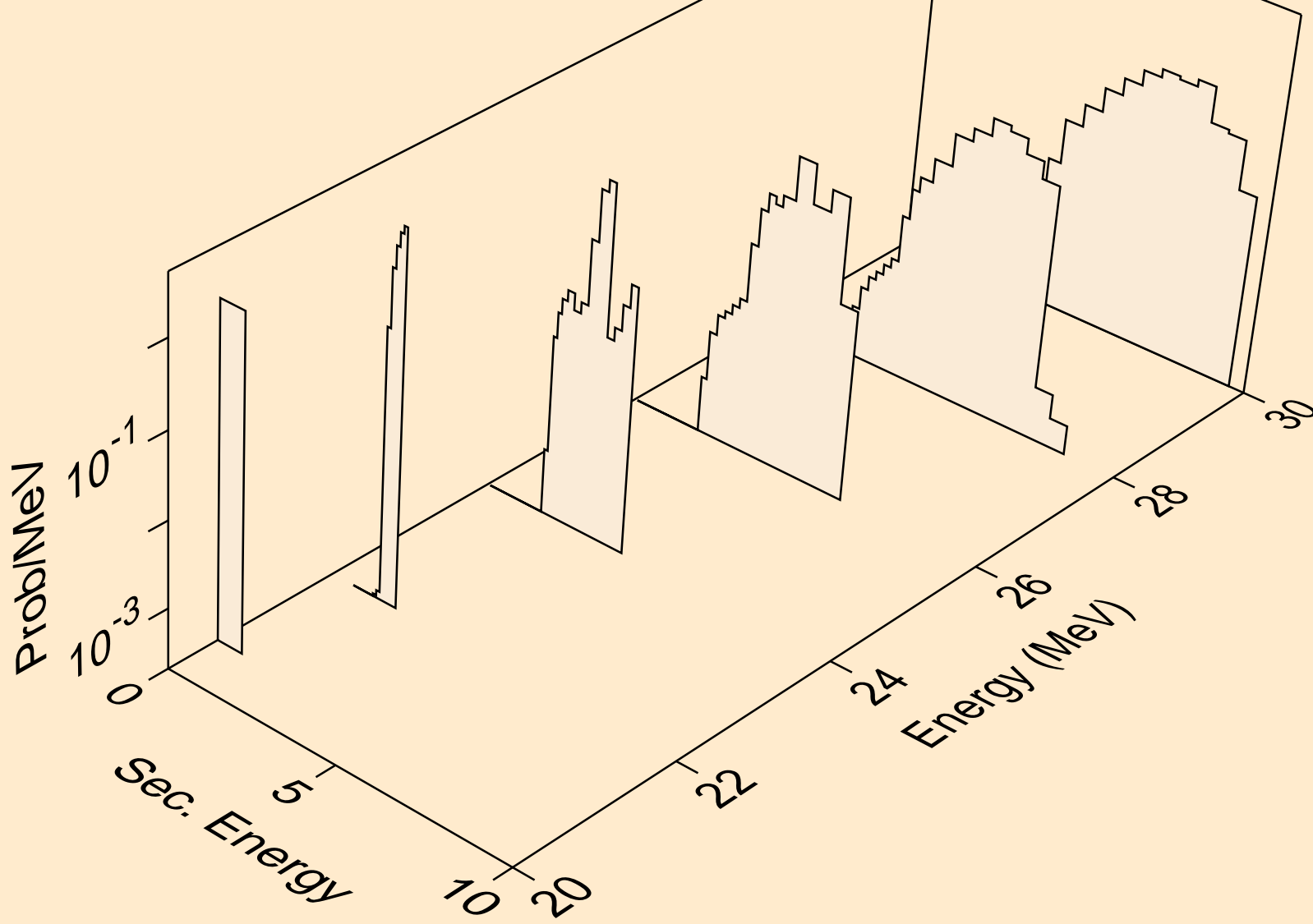


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

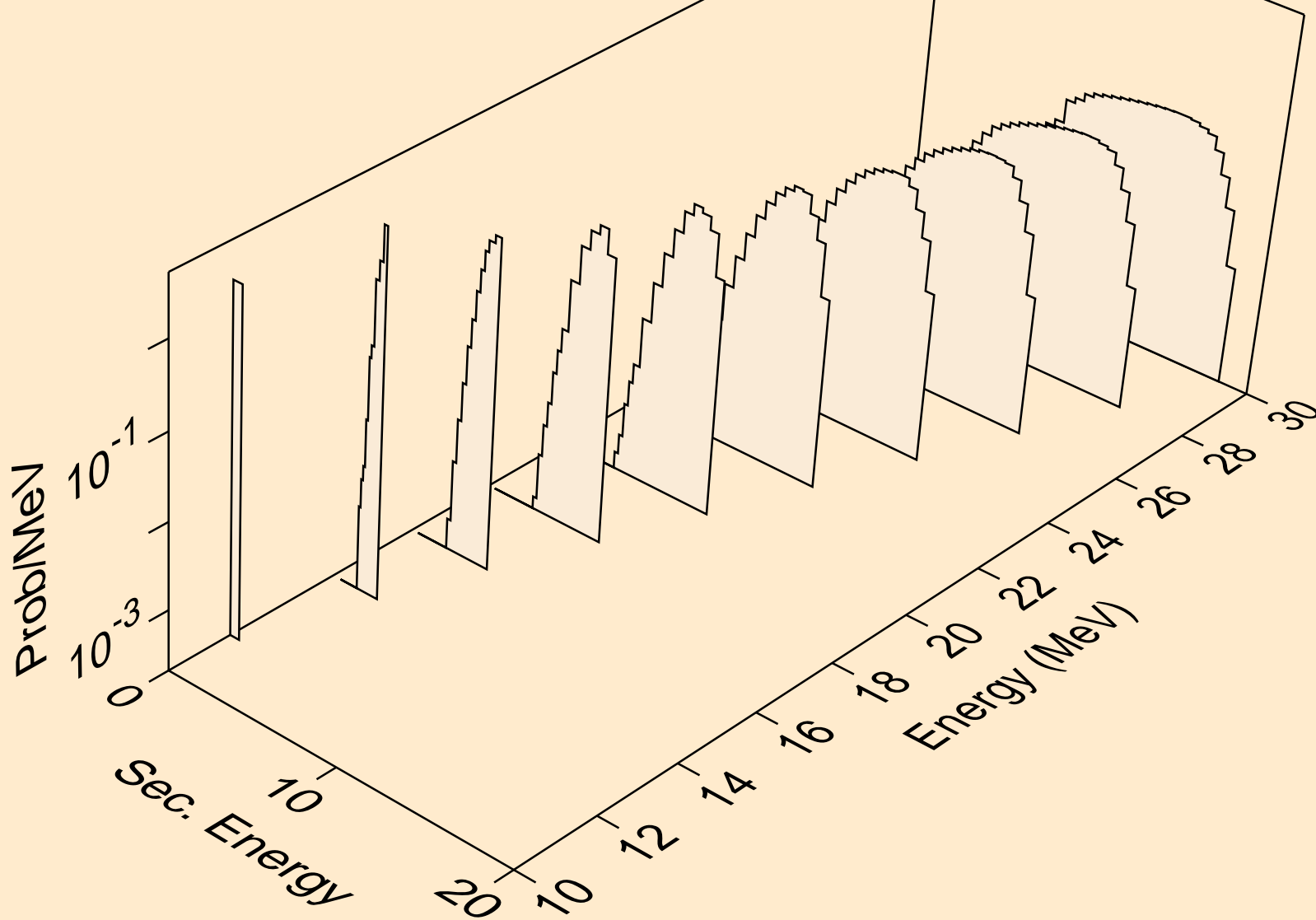




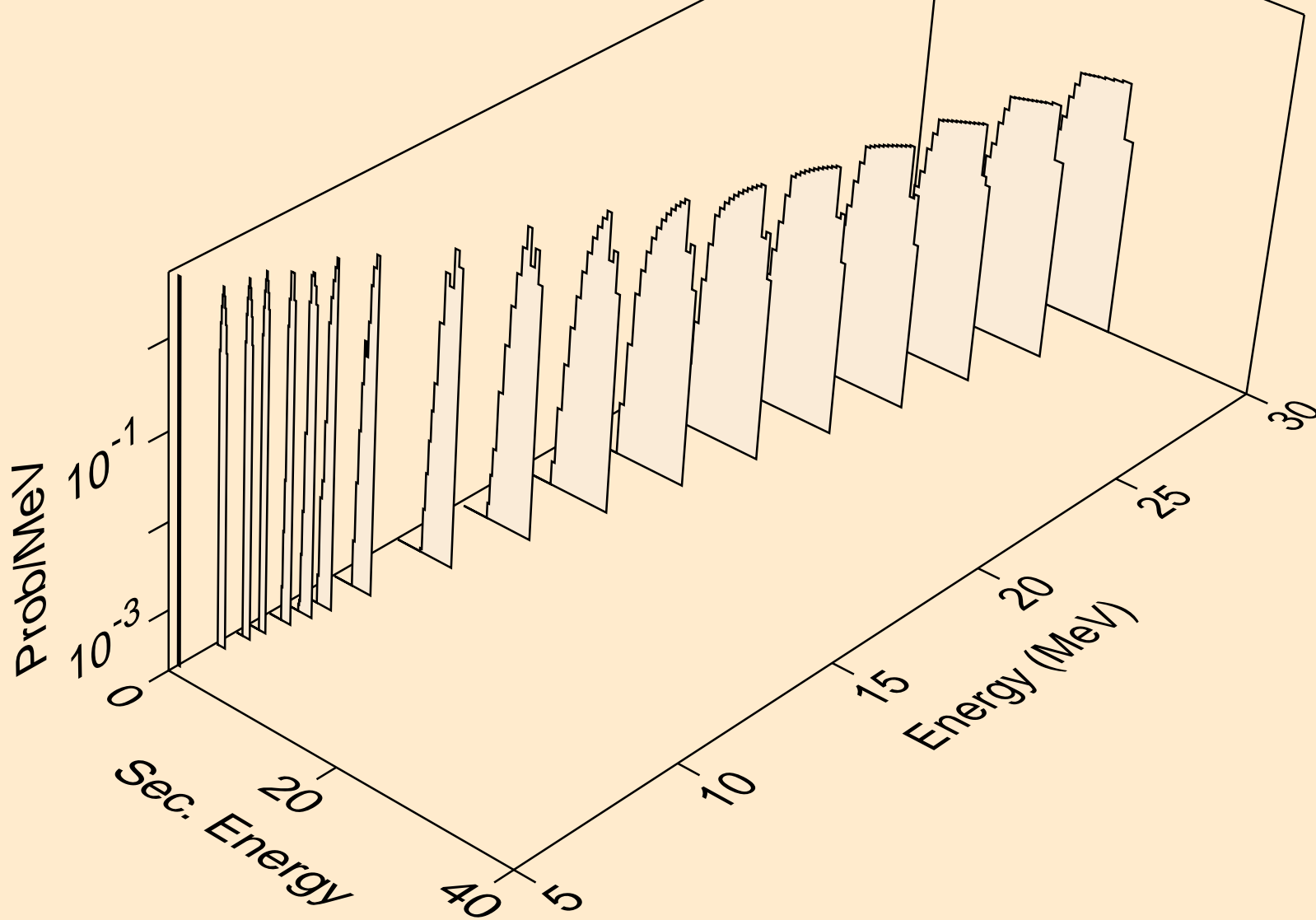
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



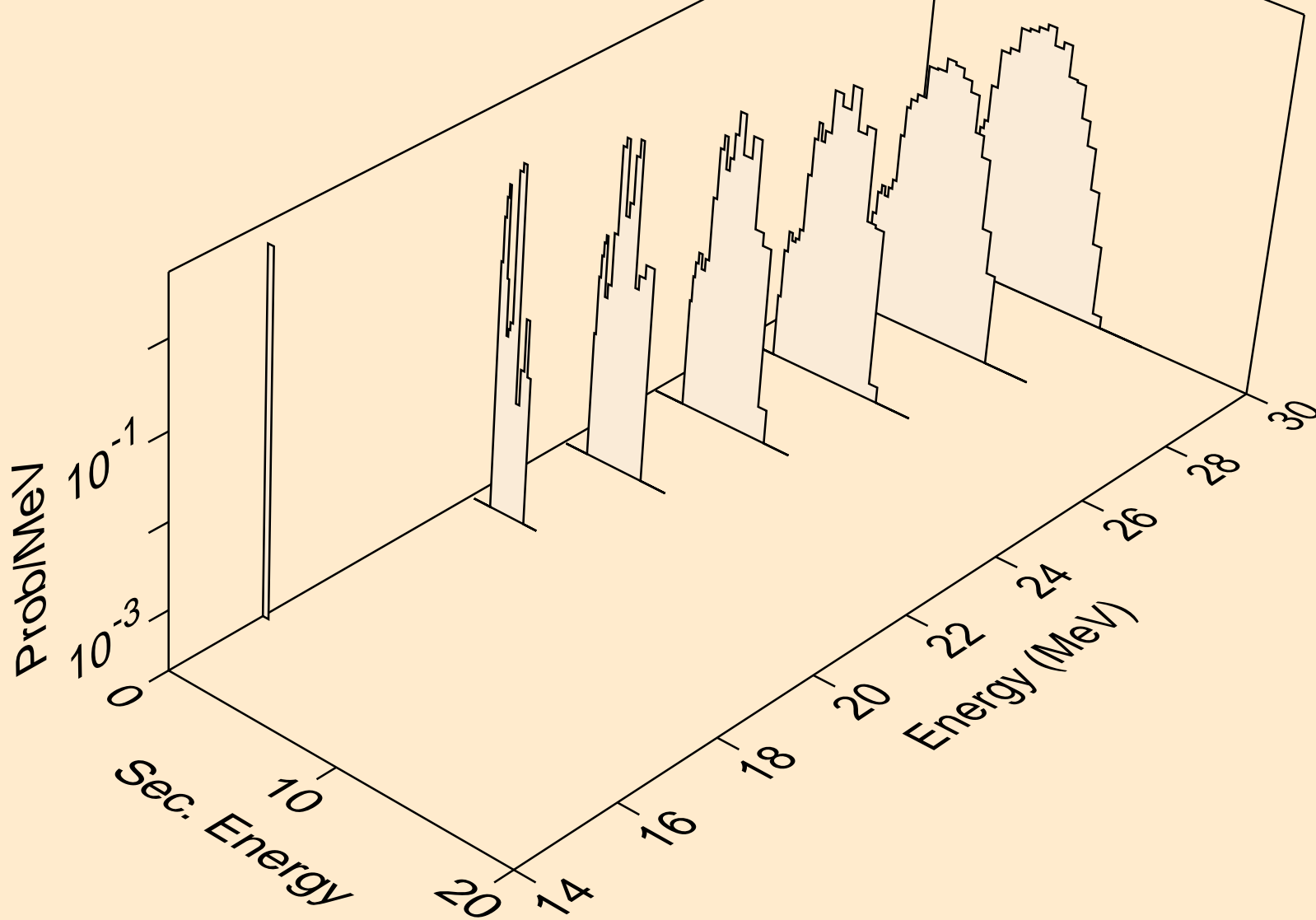
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



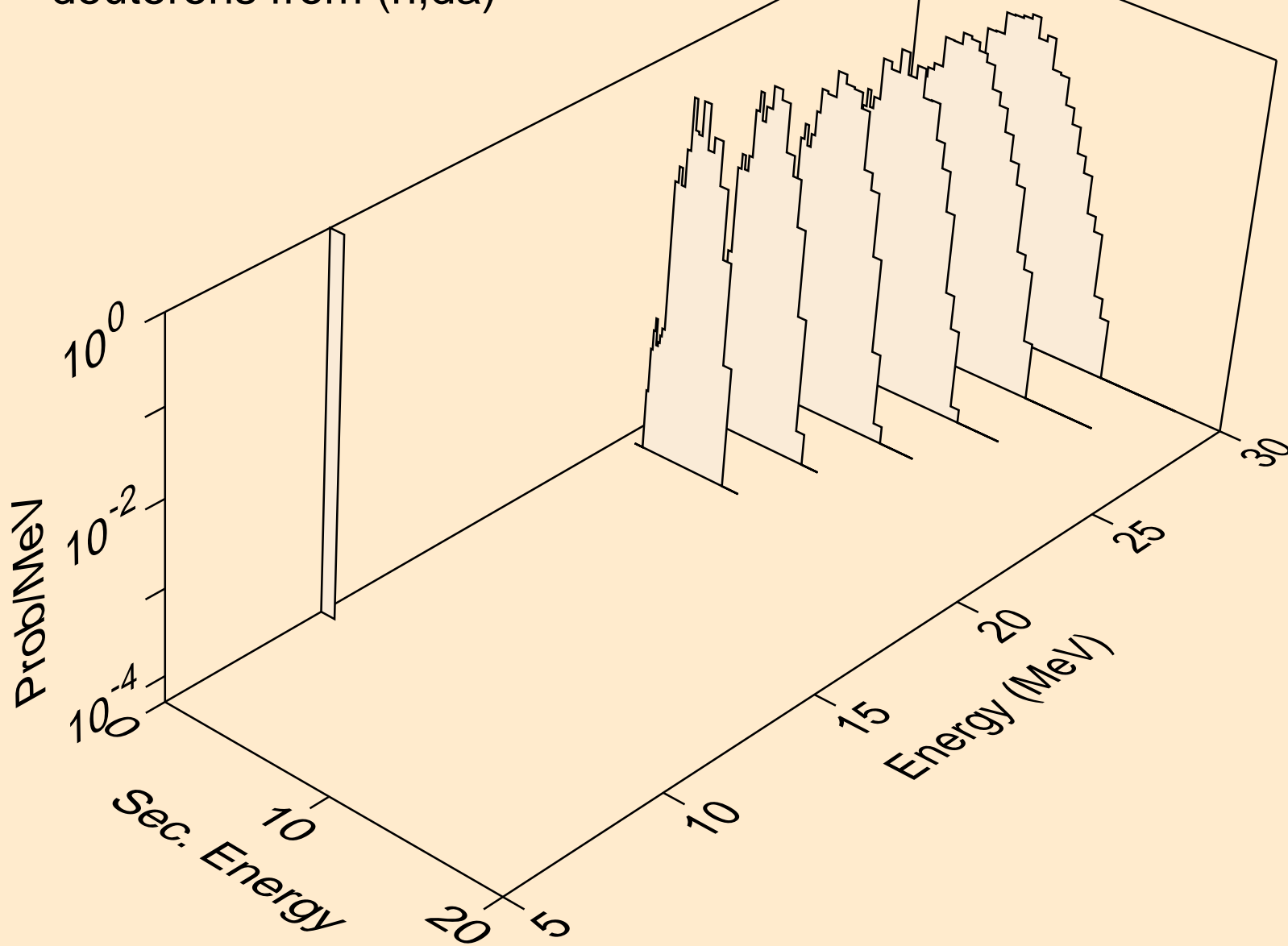
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



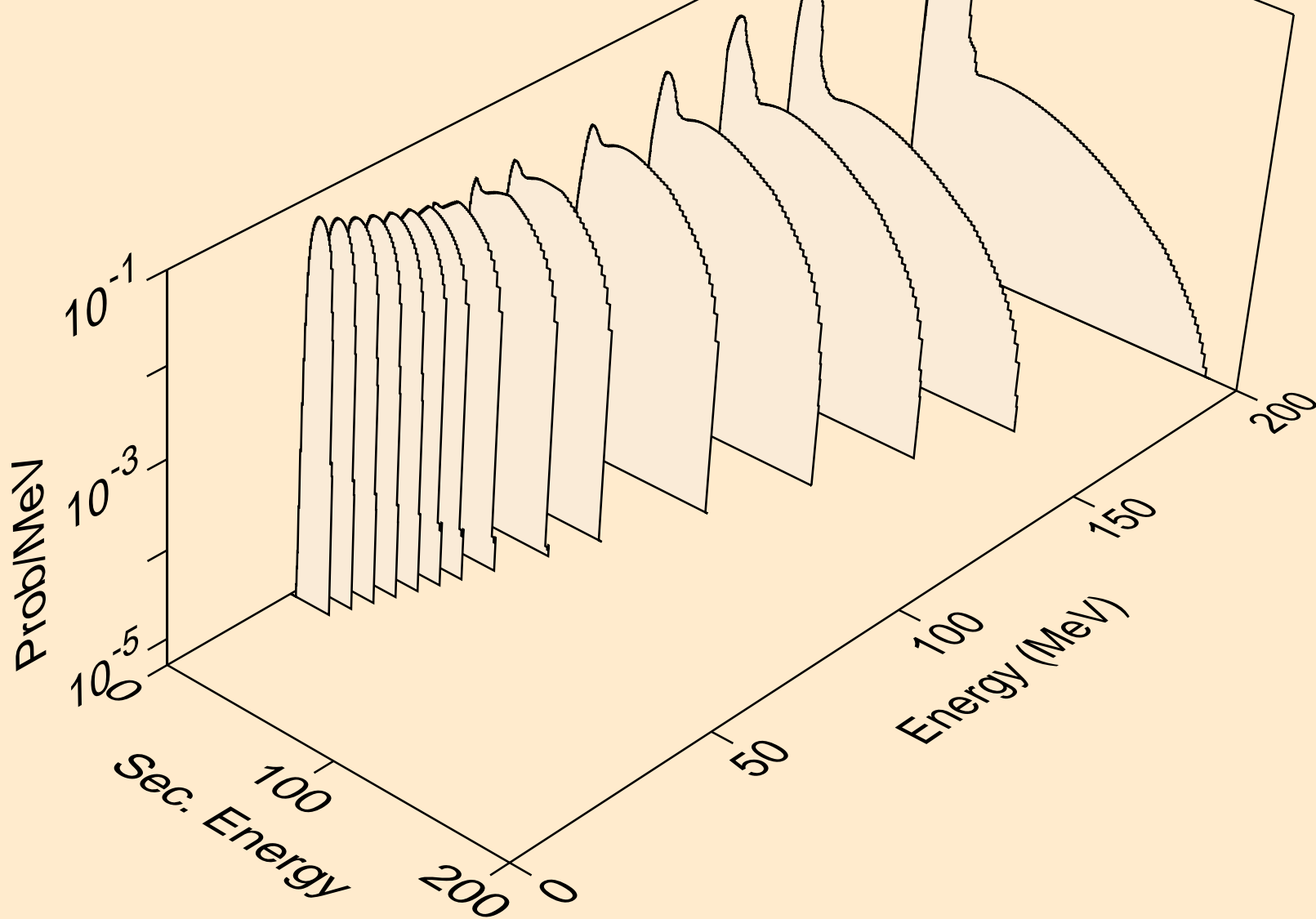
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



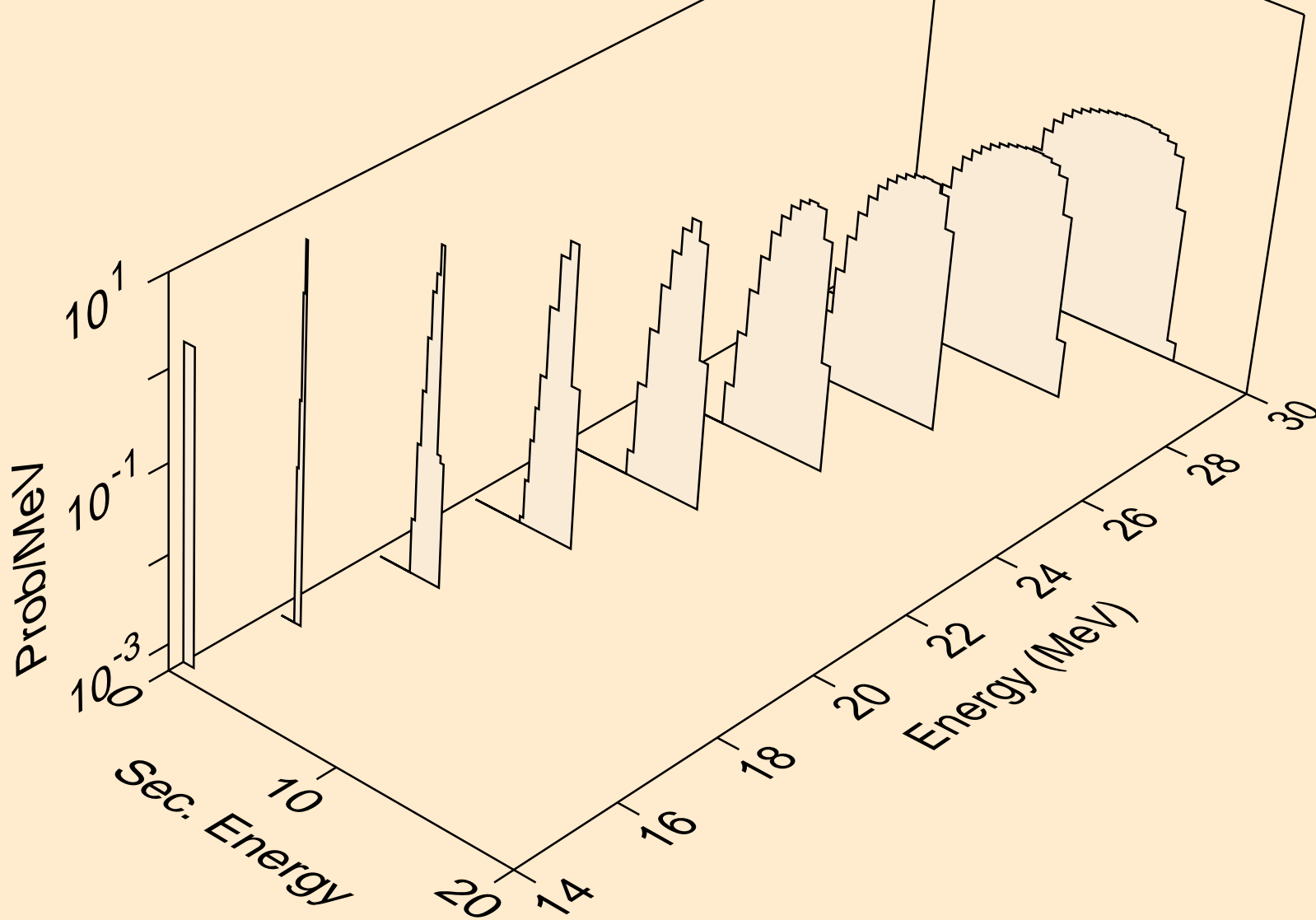
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



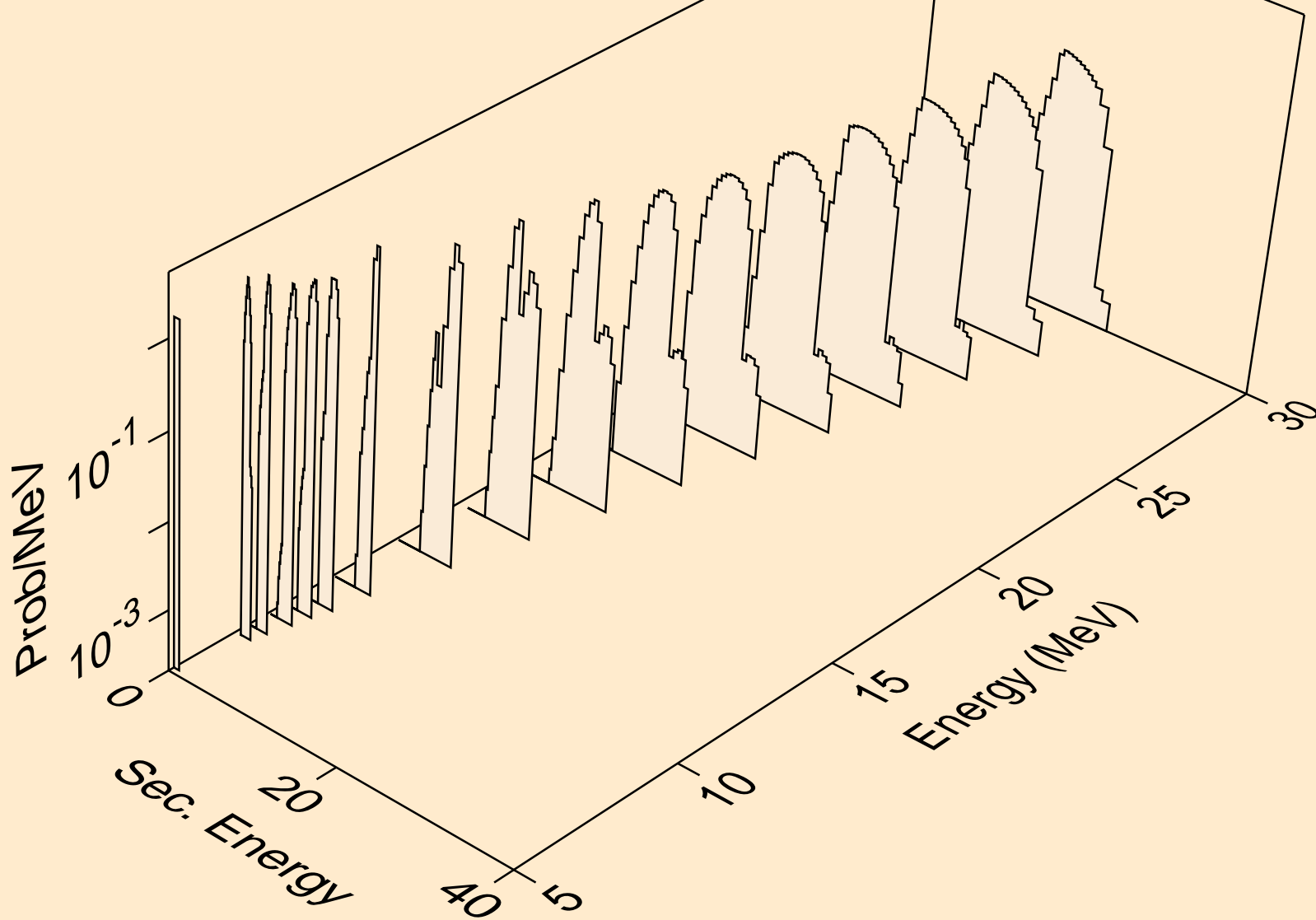
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

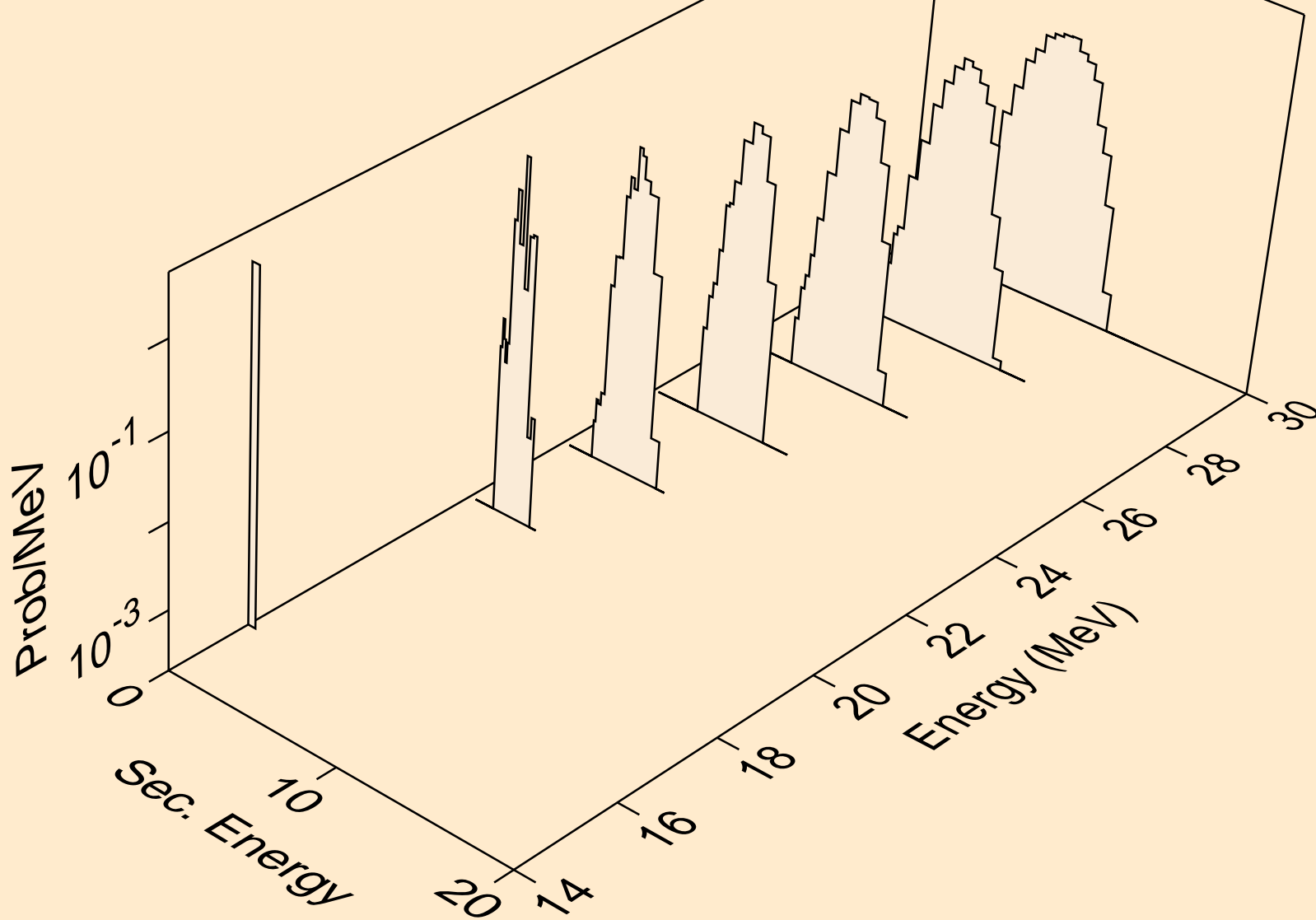


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)

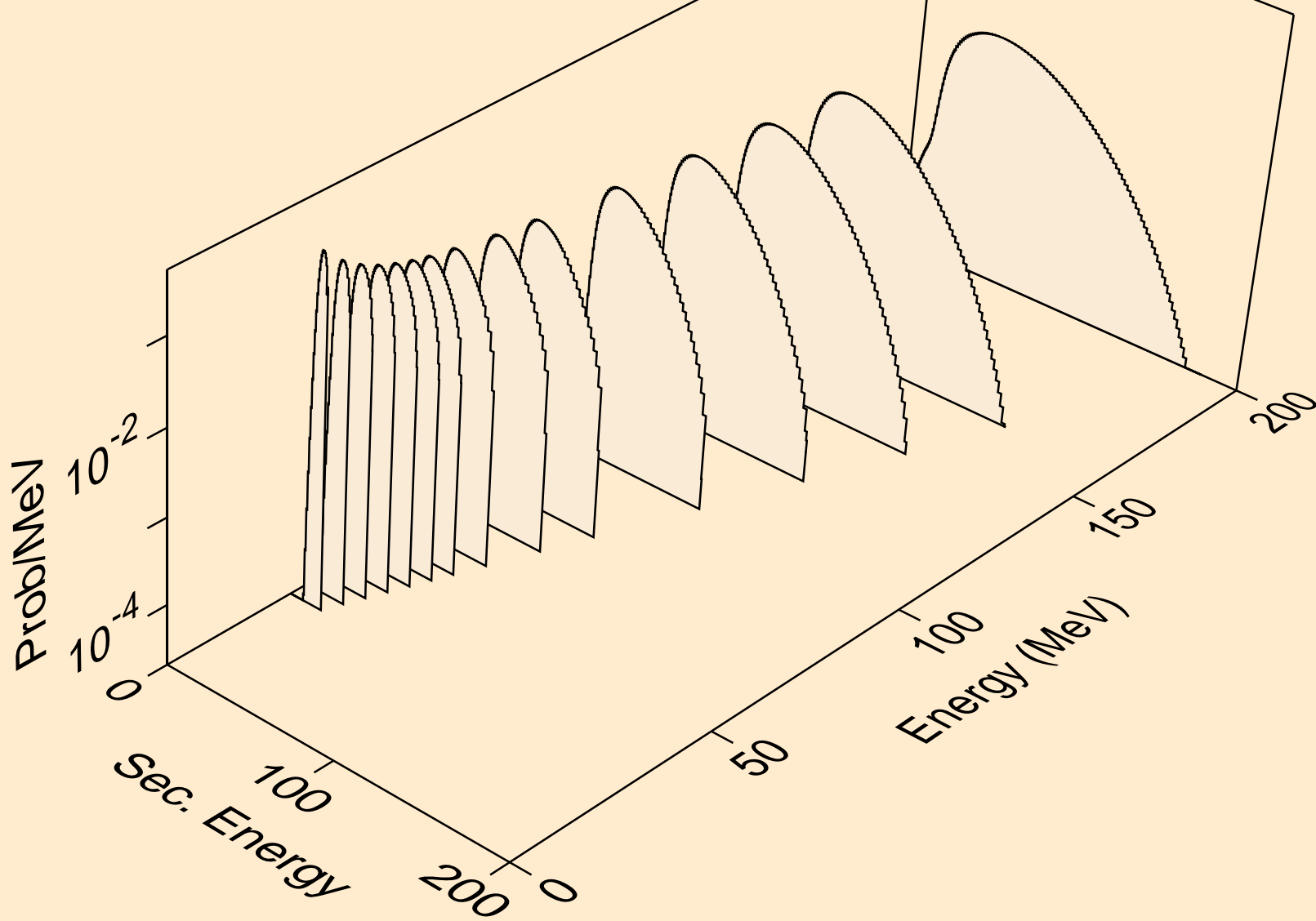




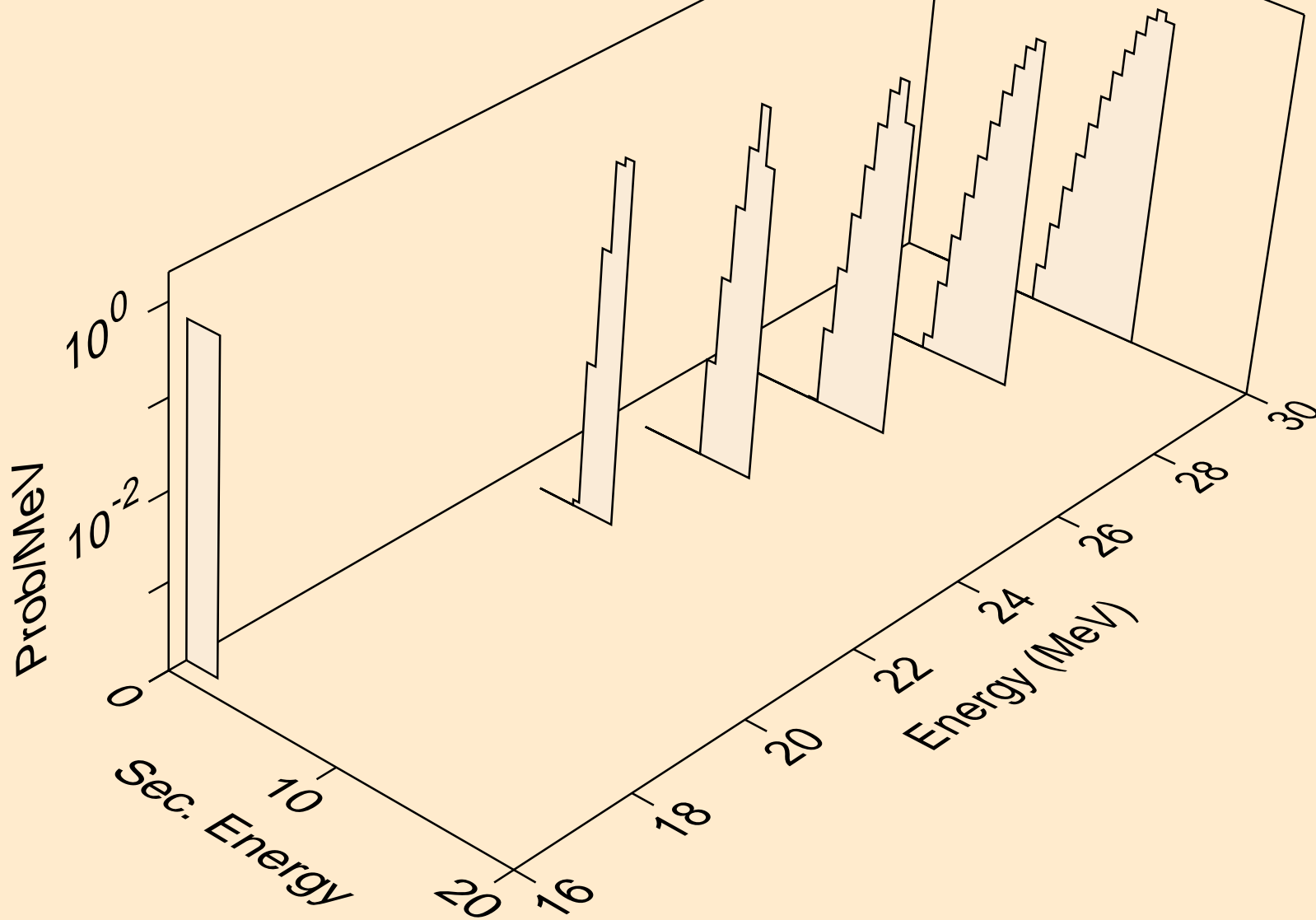
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



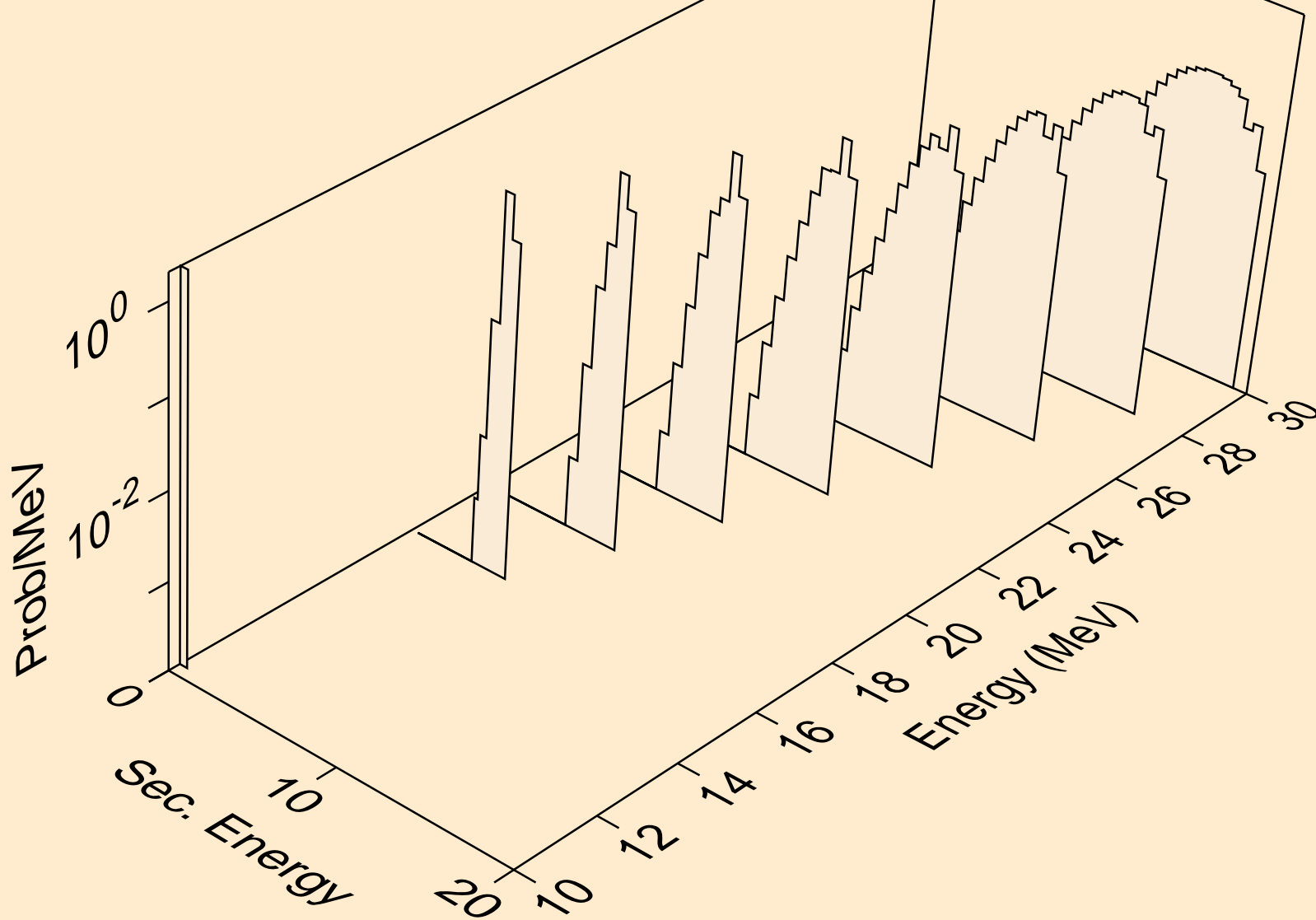
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



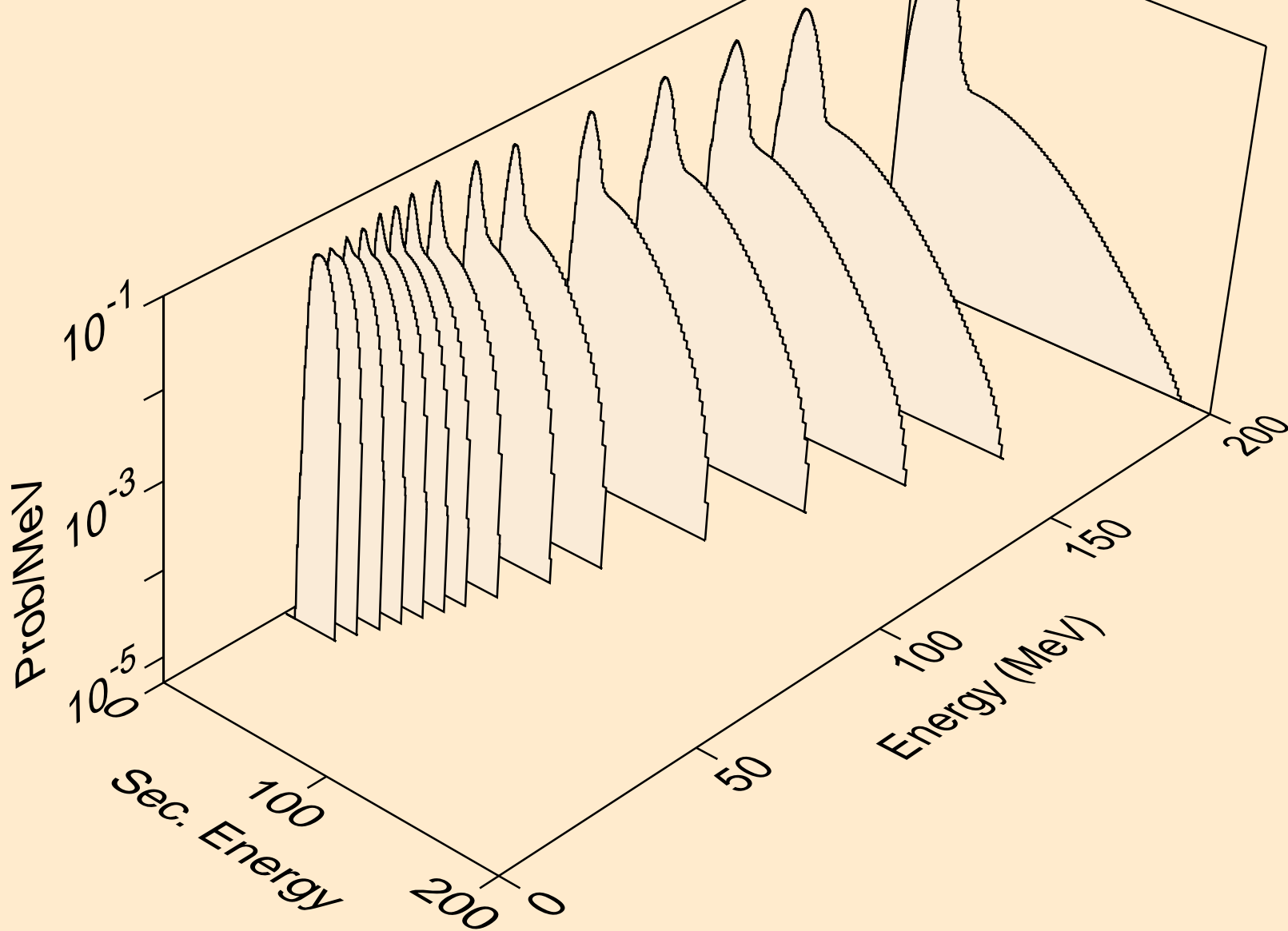
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



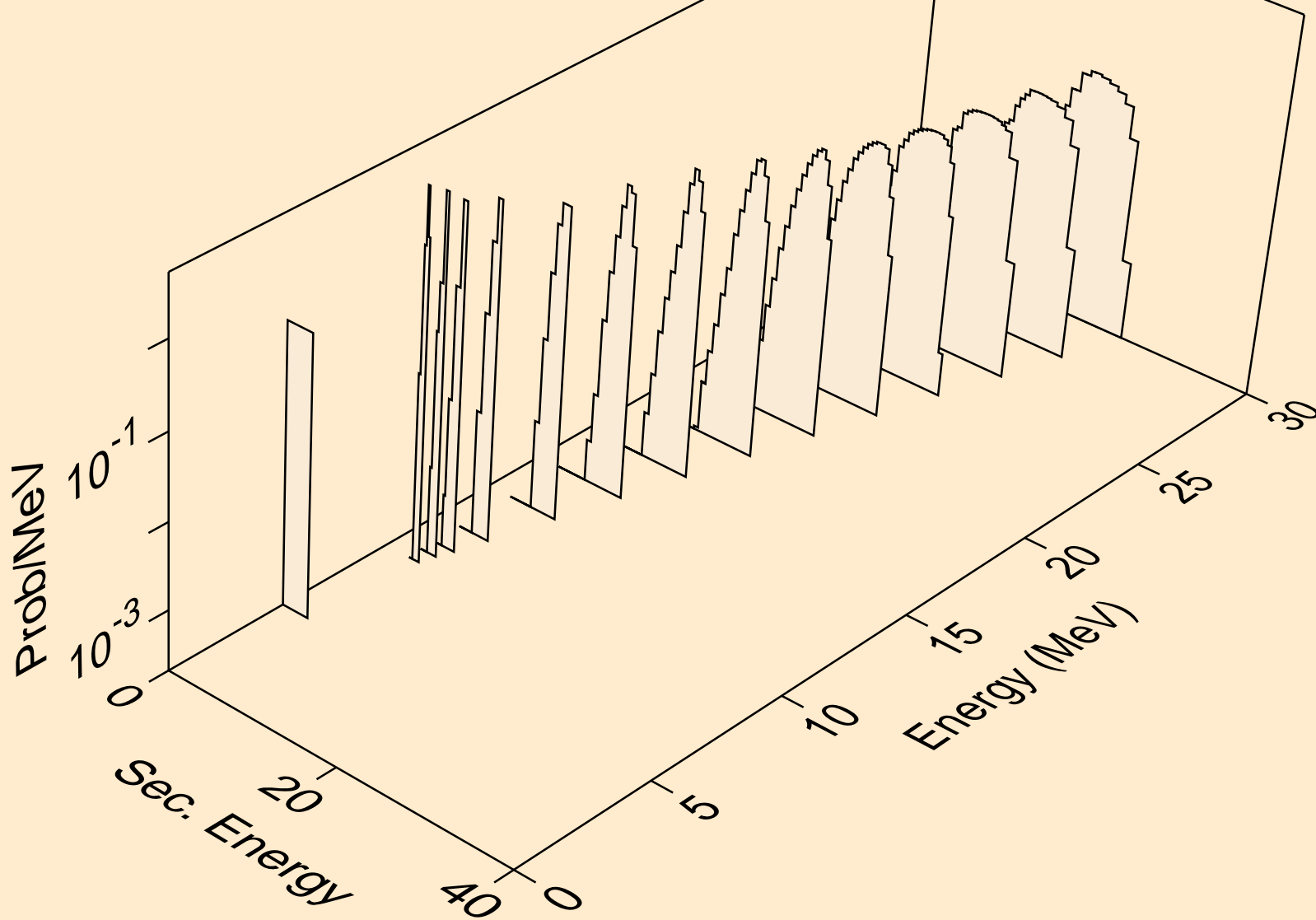
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



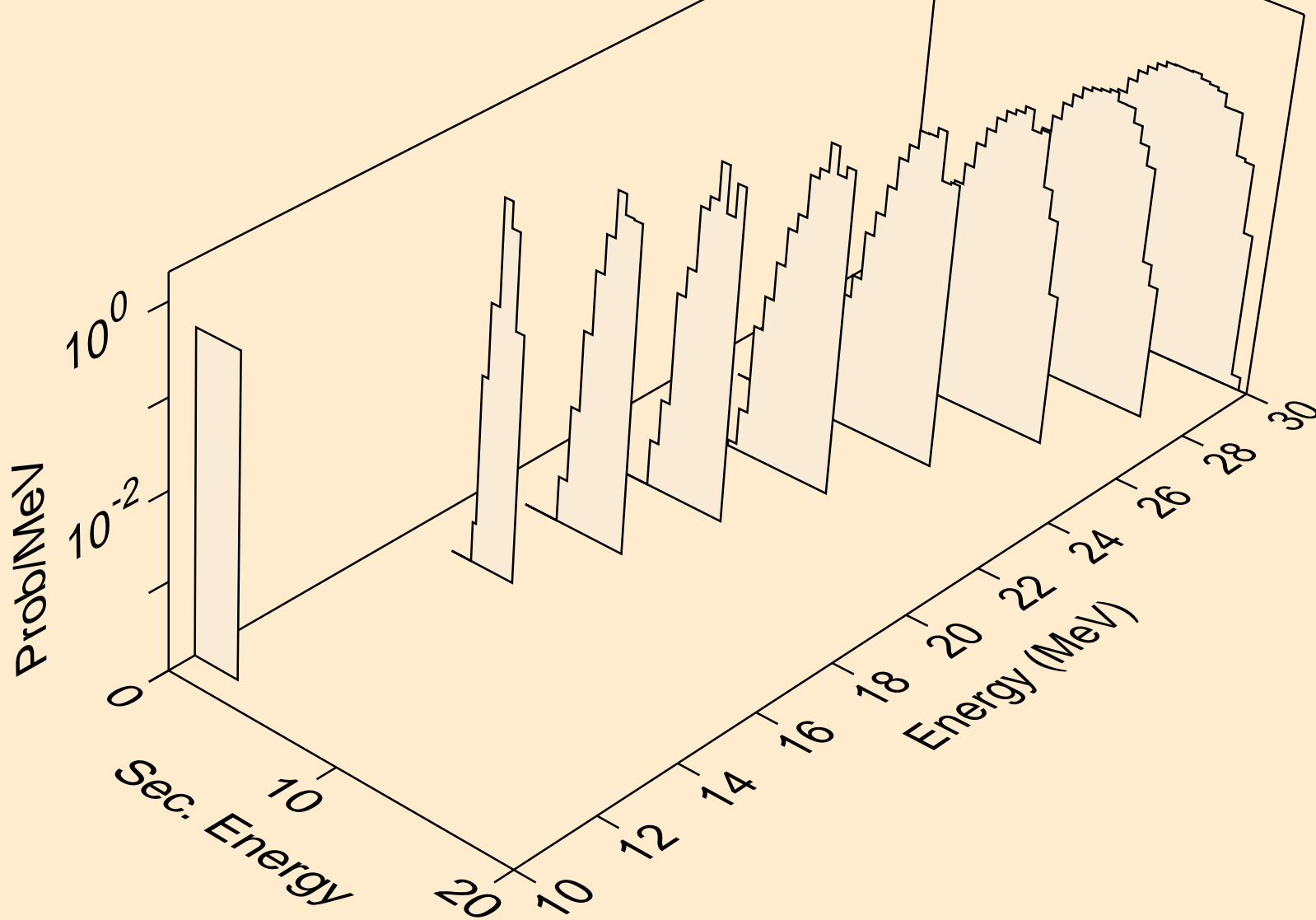
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



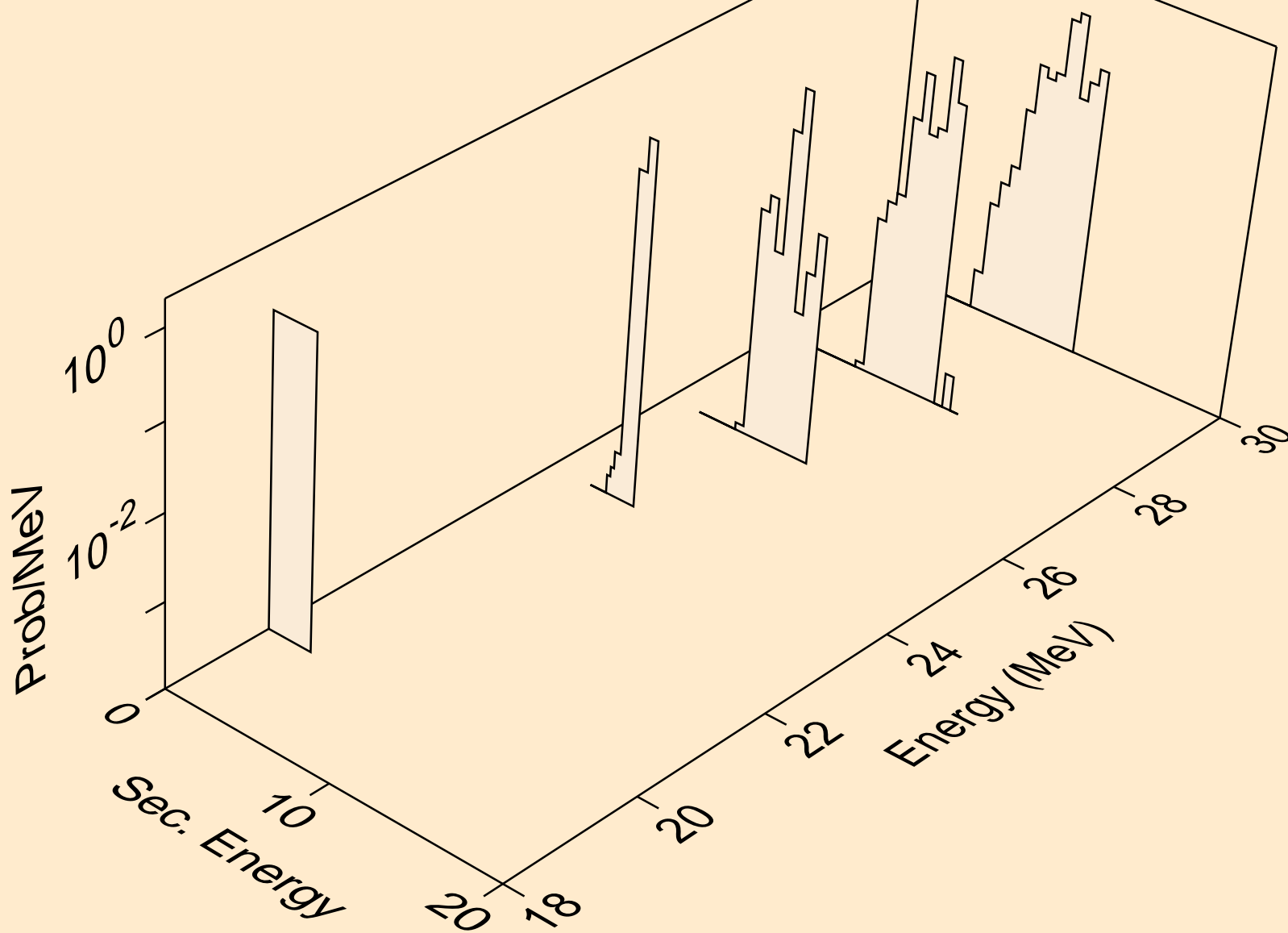
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a

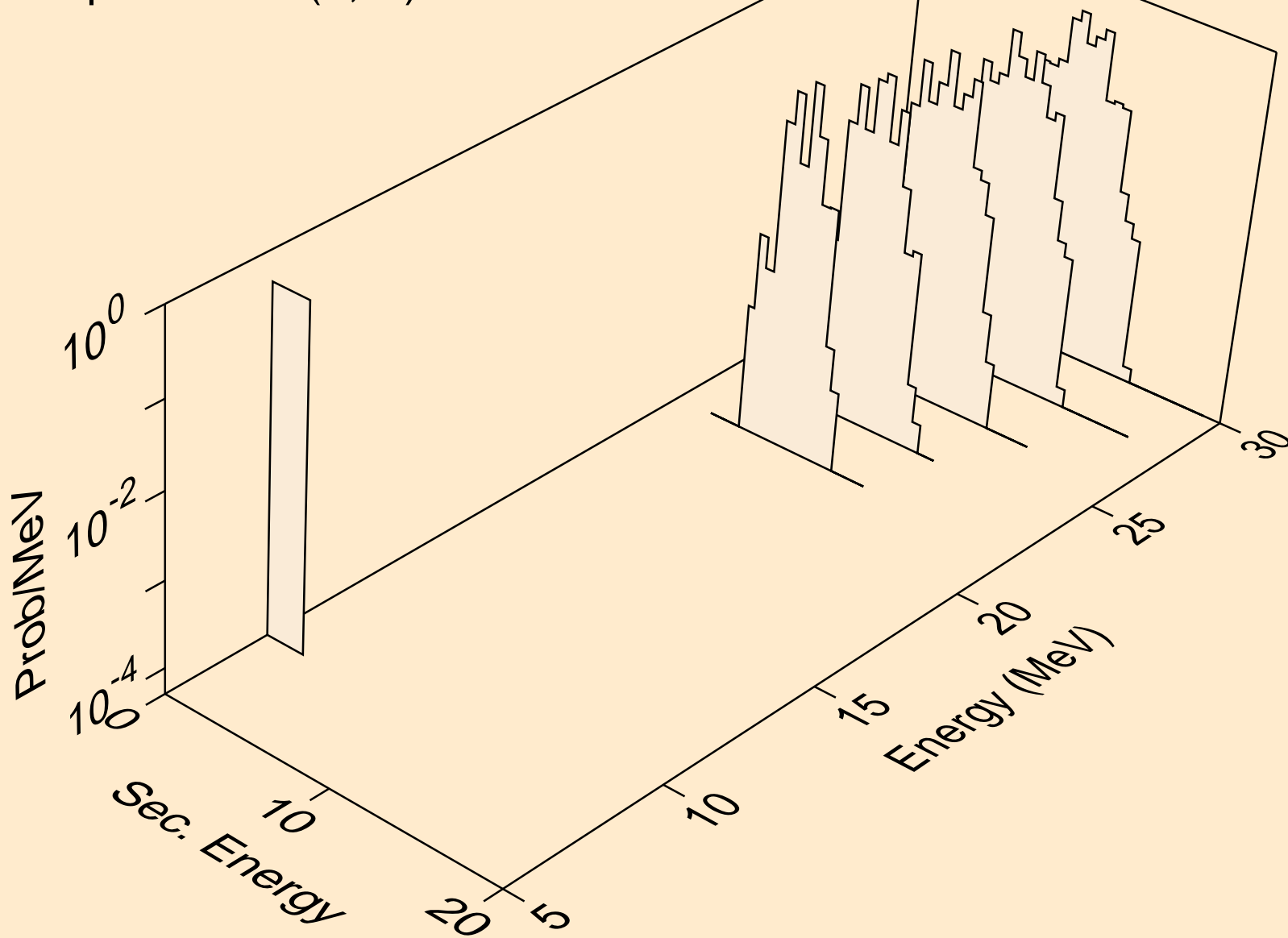


IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a

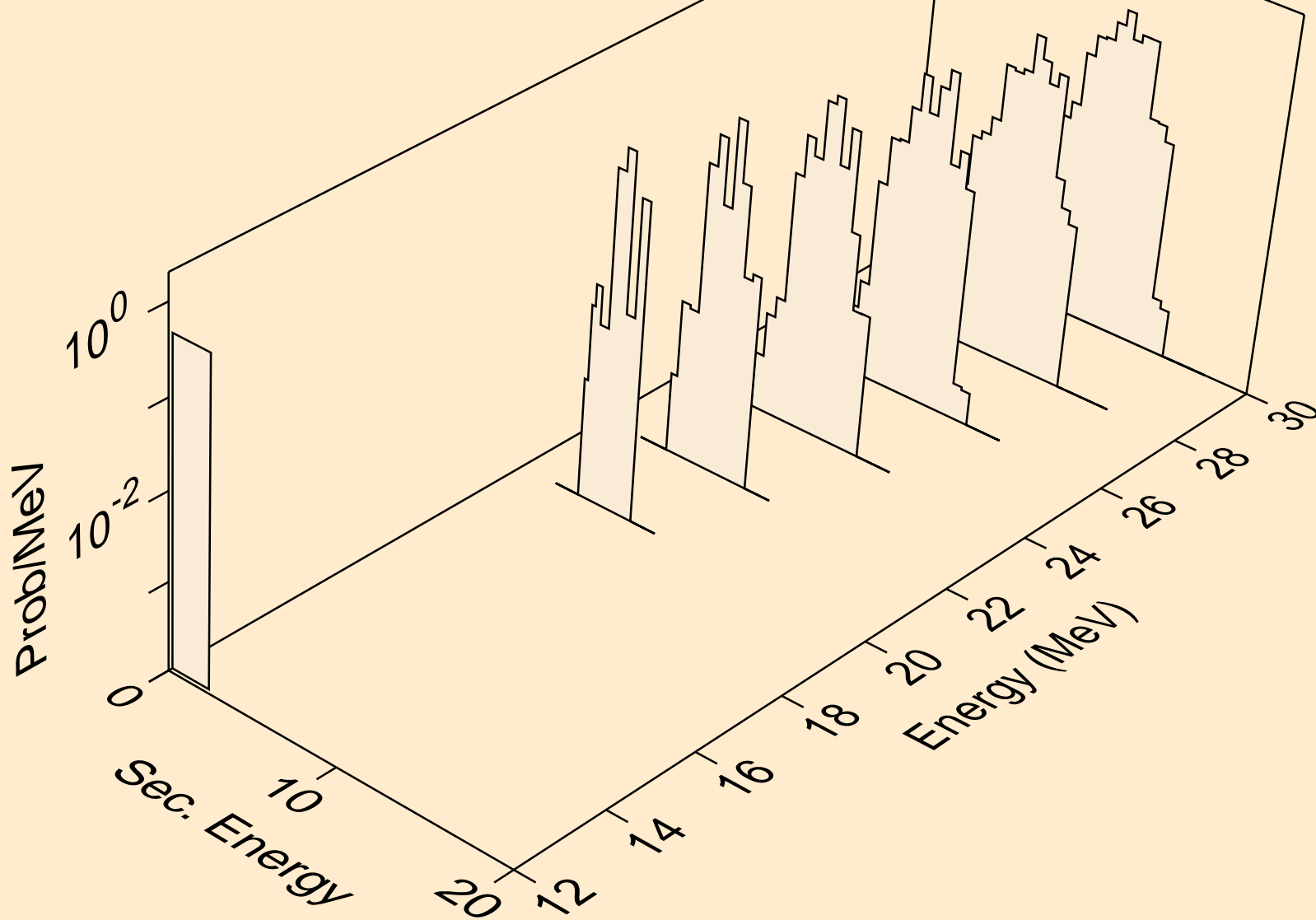




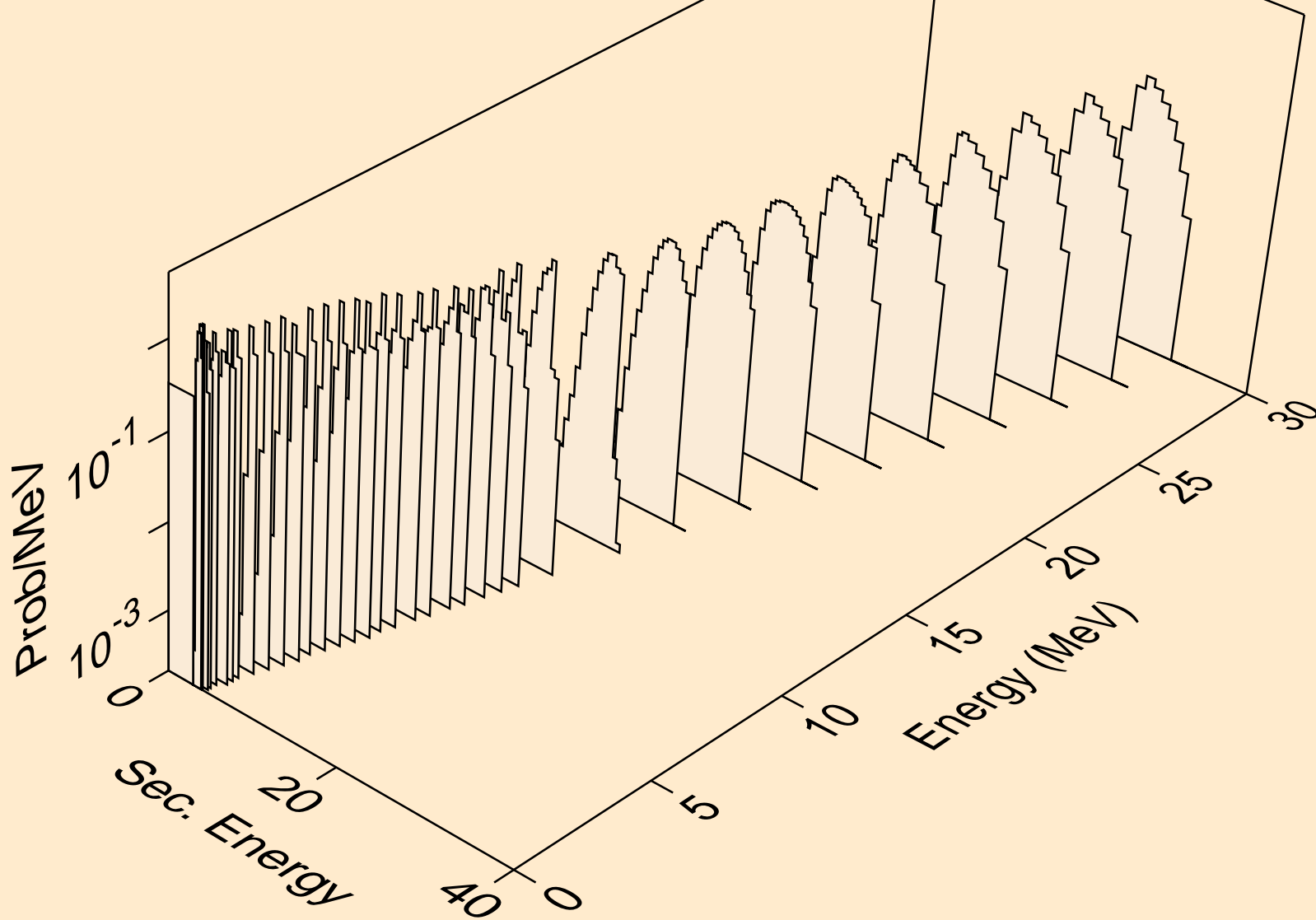
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



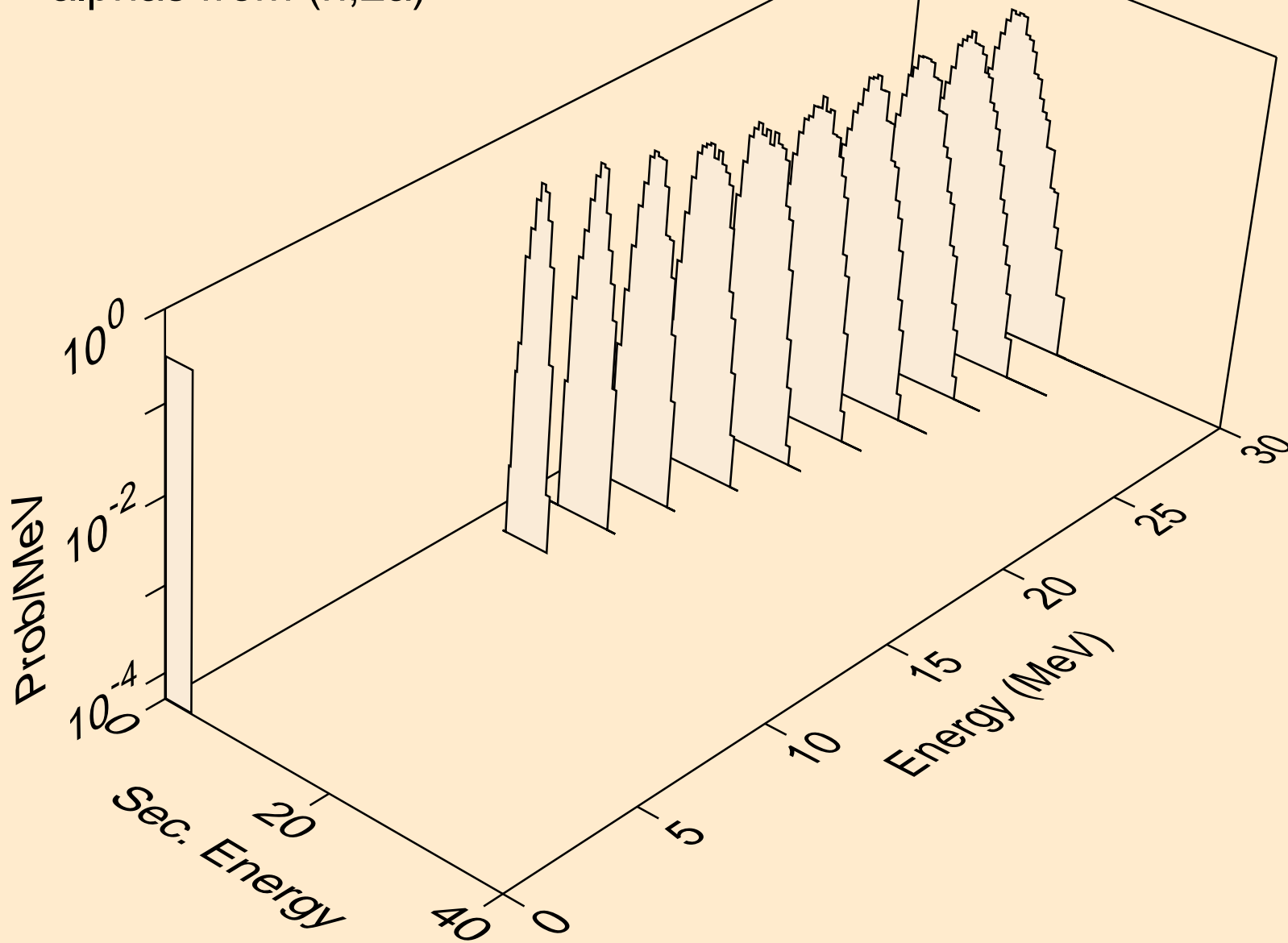
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



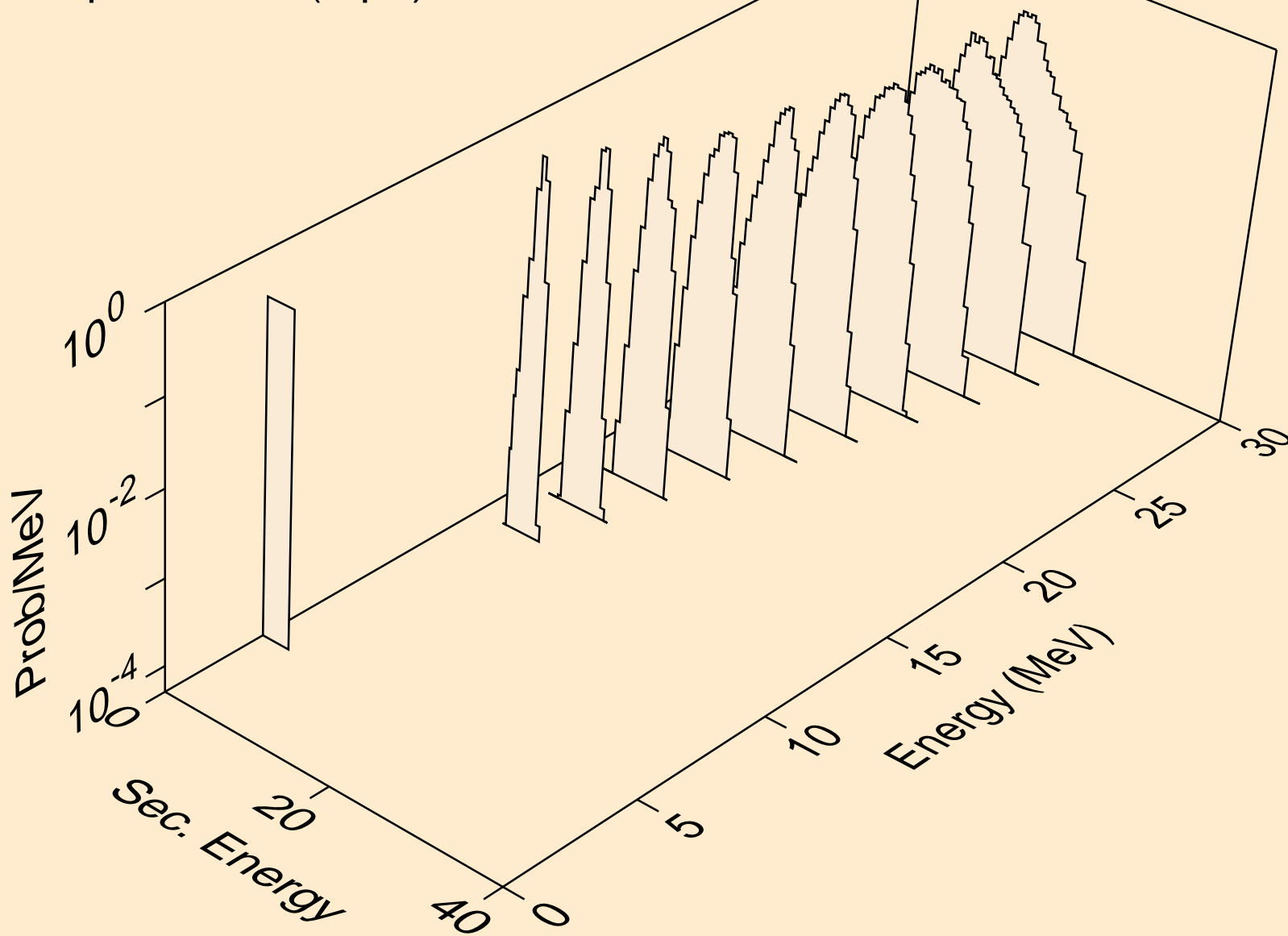
IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



IN116 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

