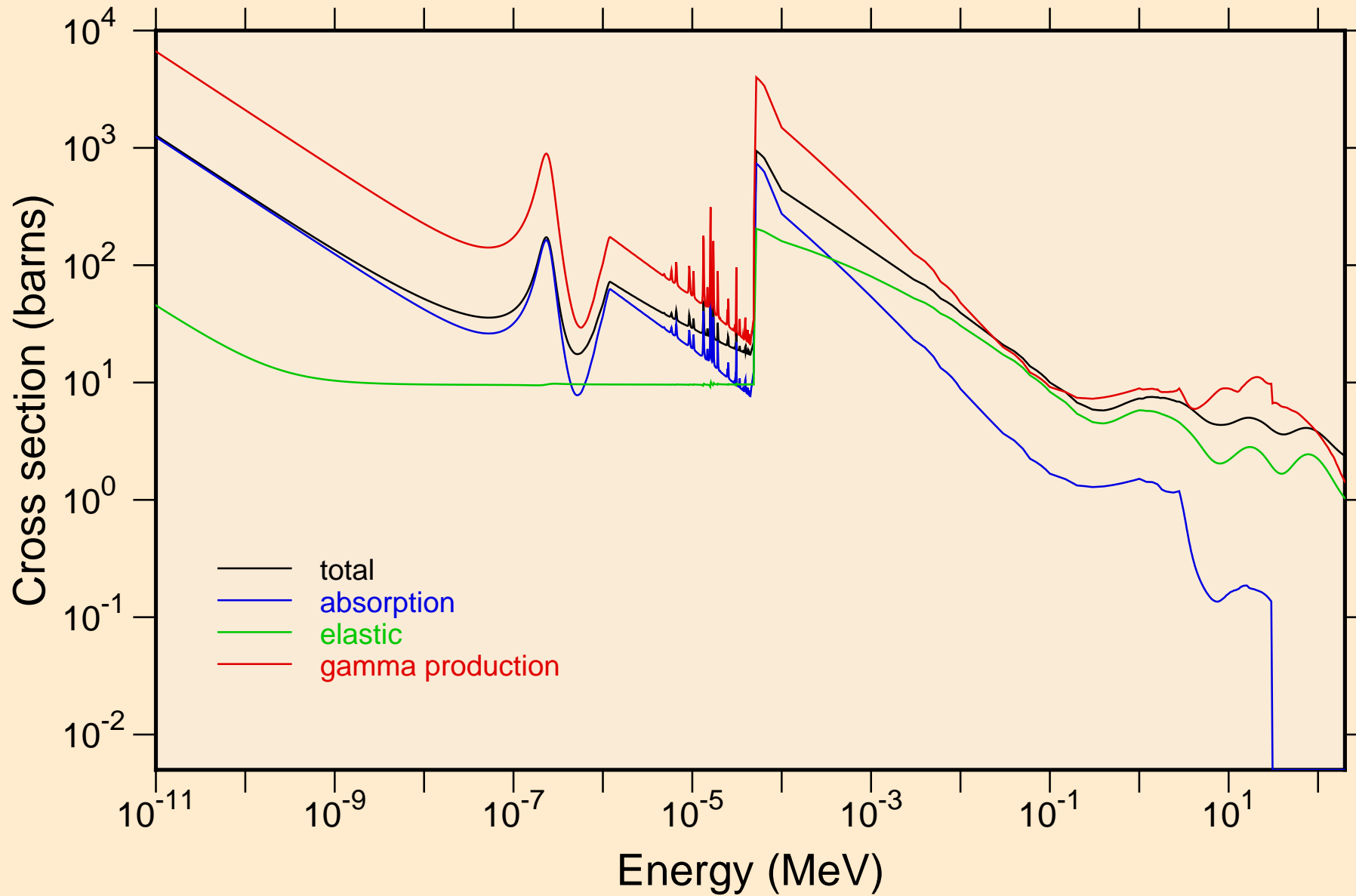
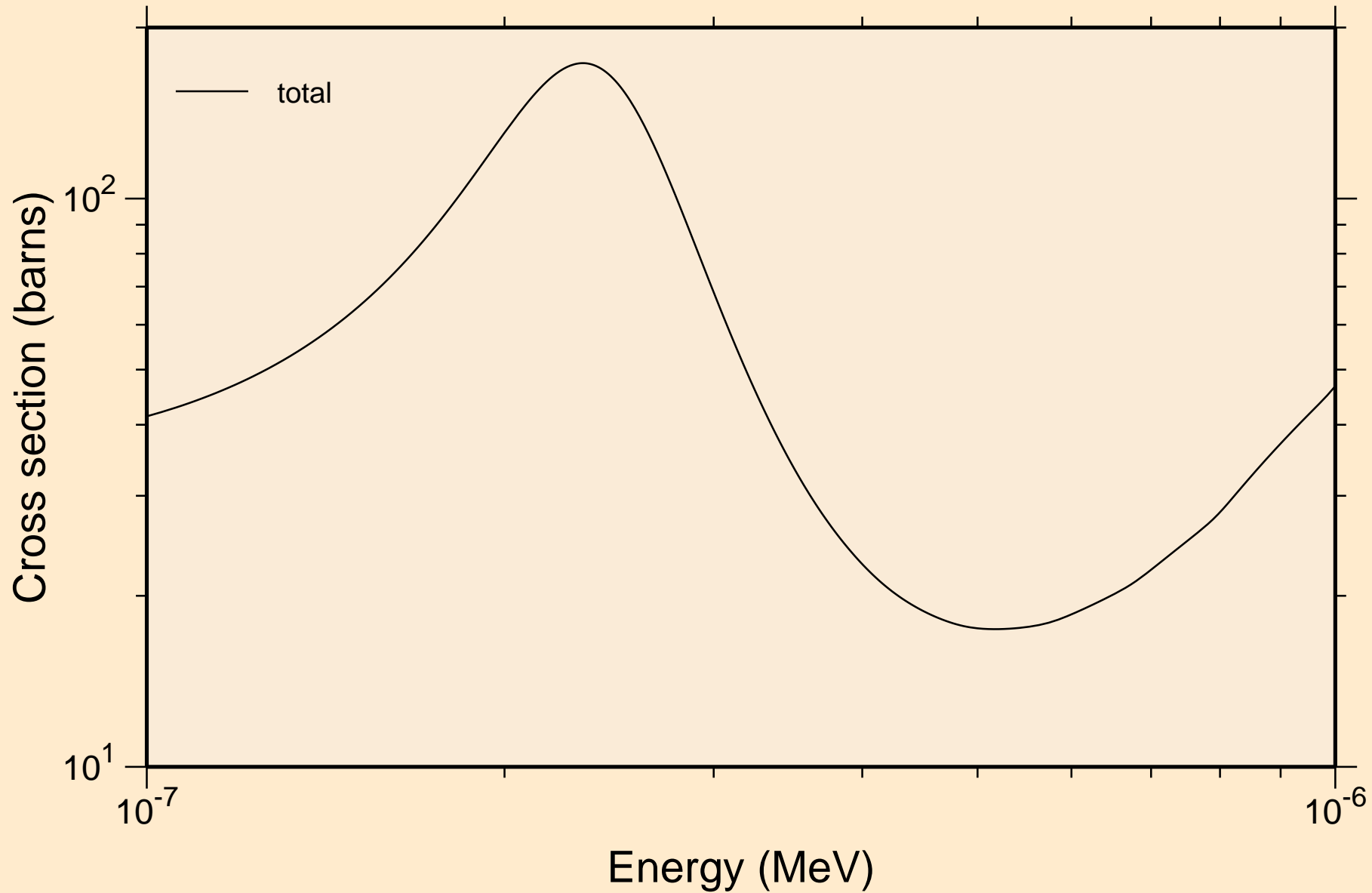


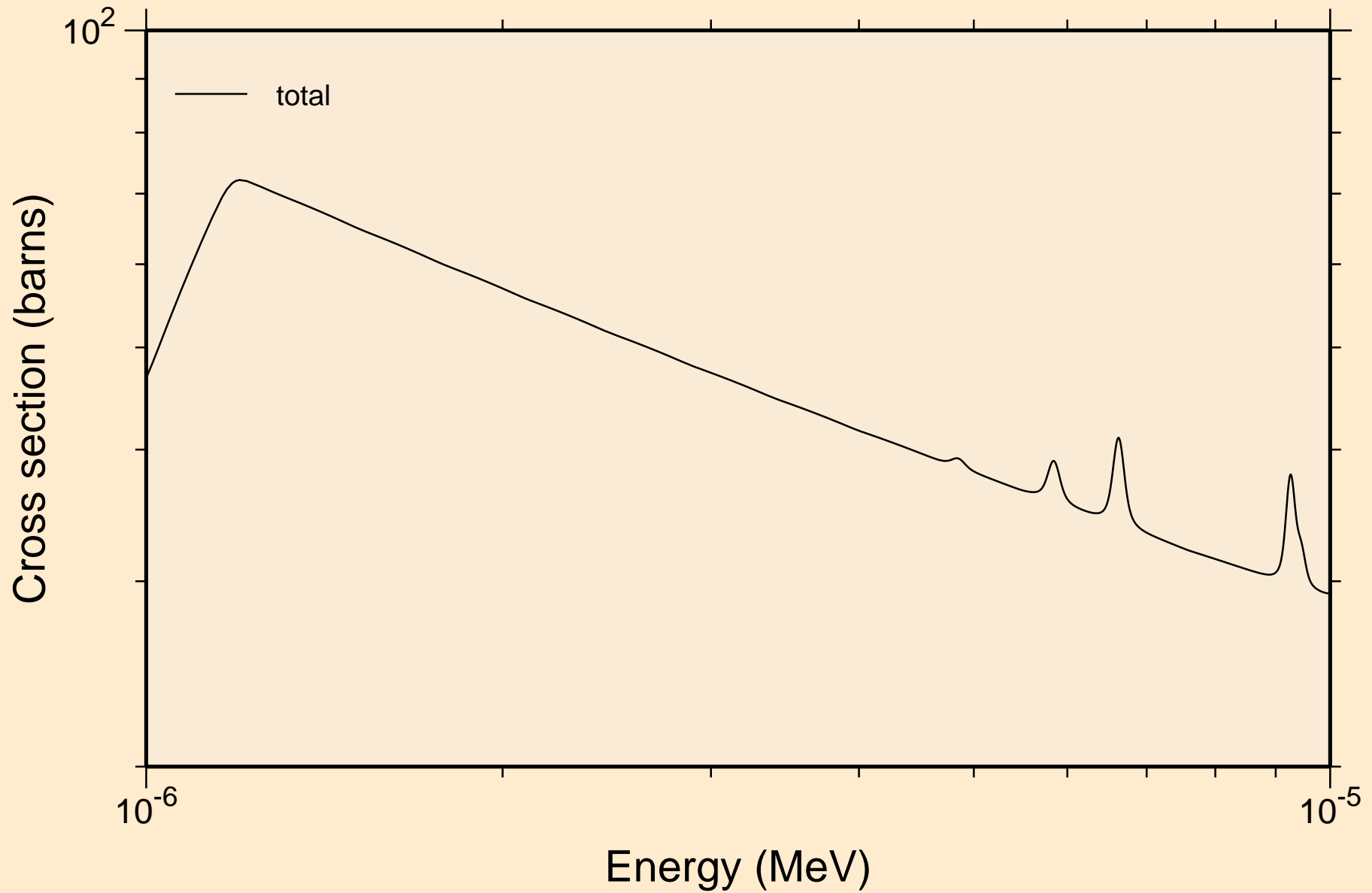
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



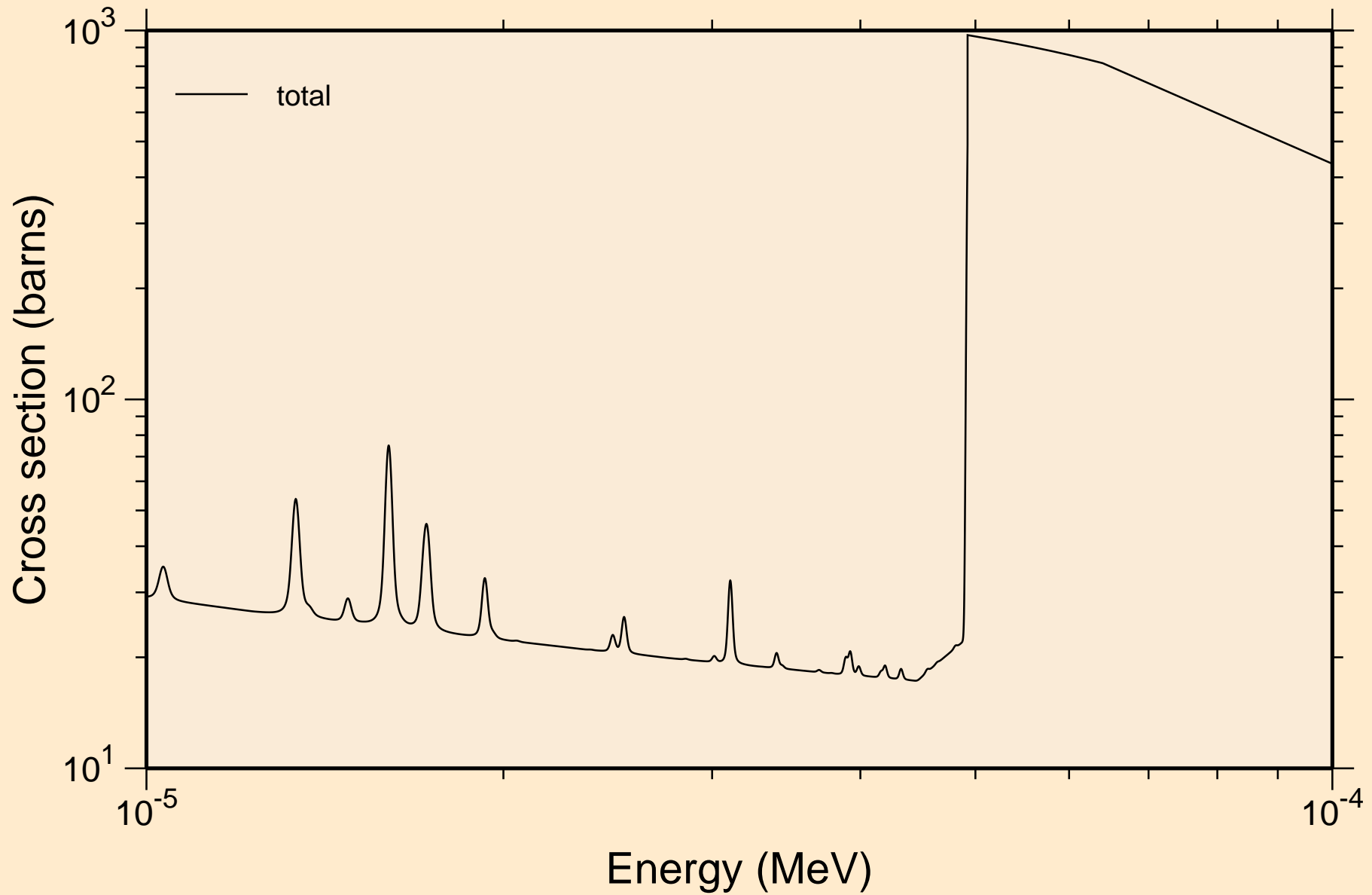
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



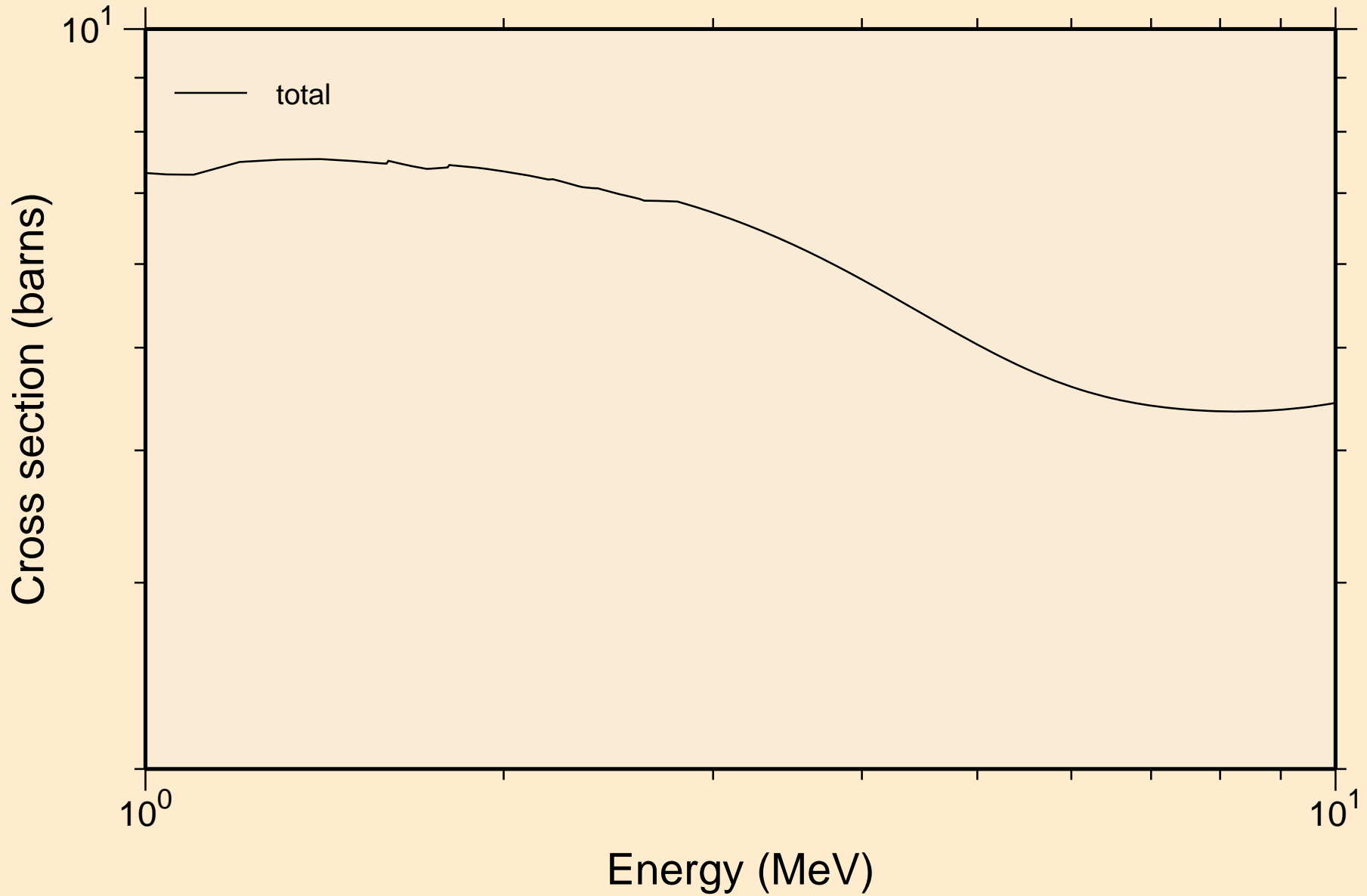
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



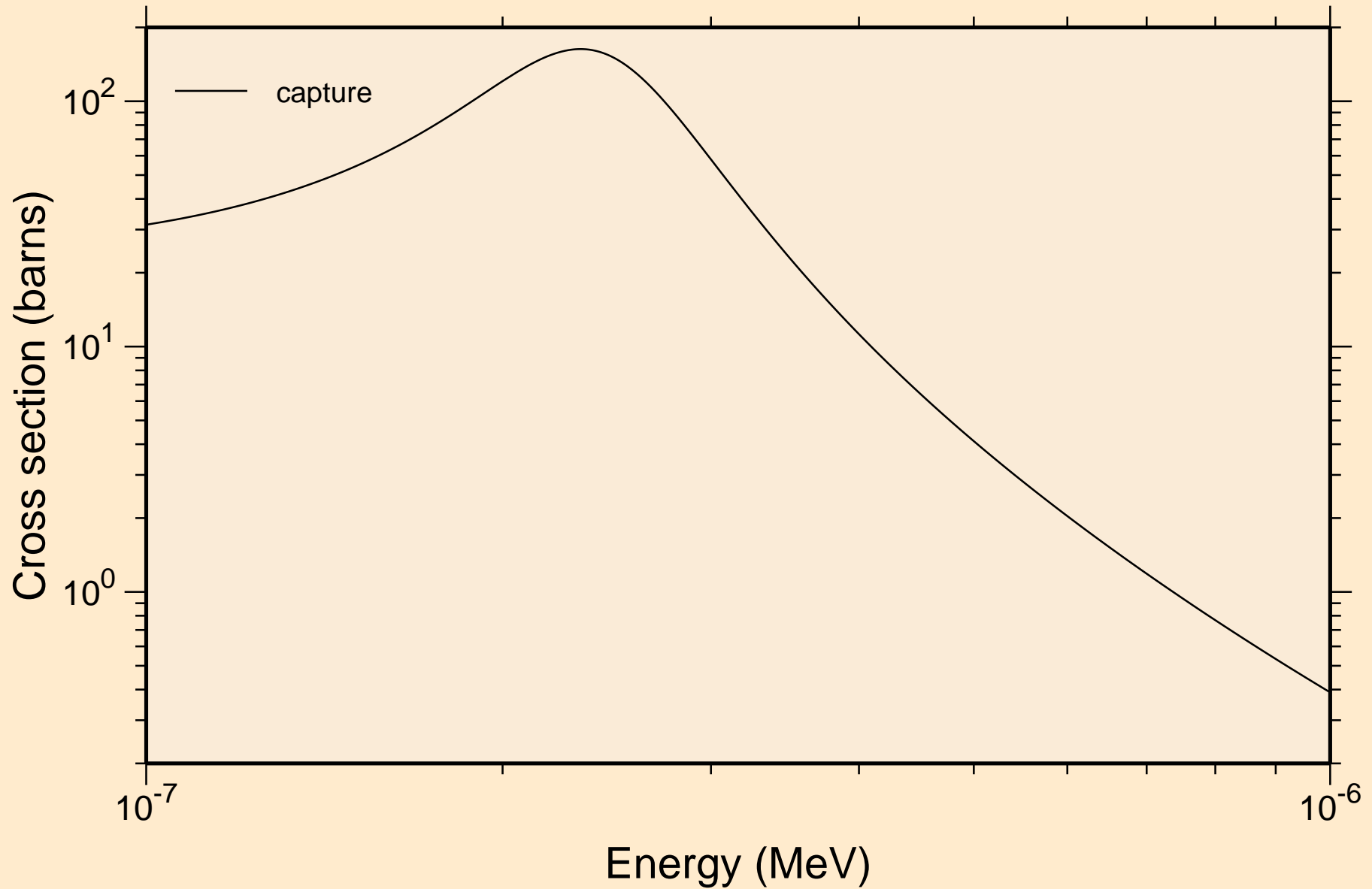
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



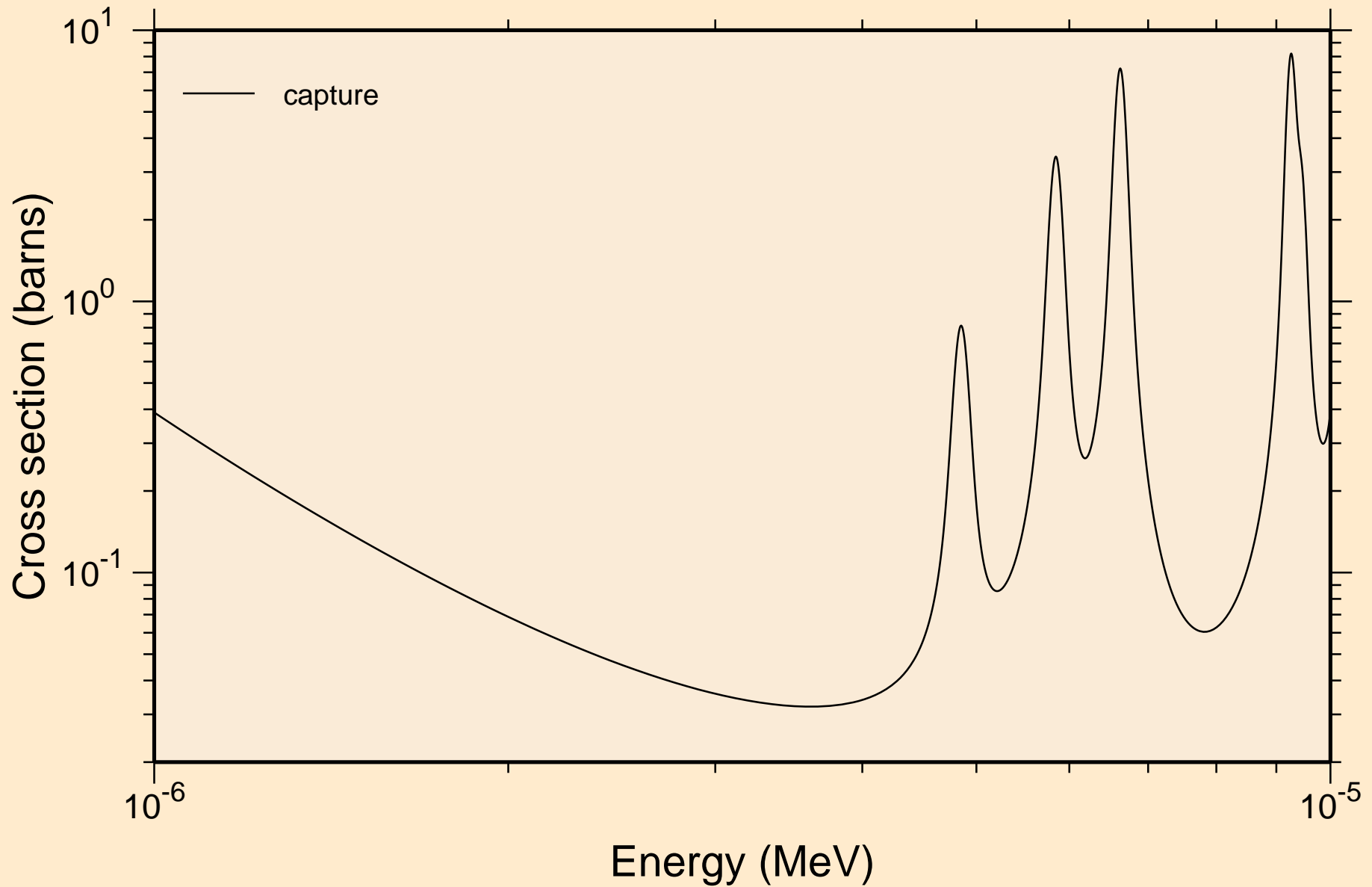
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



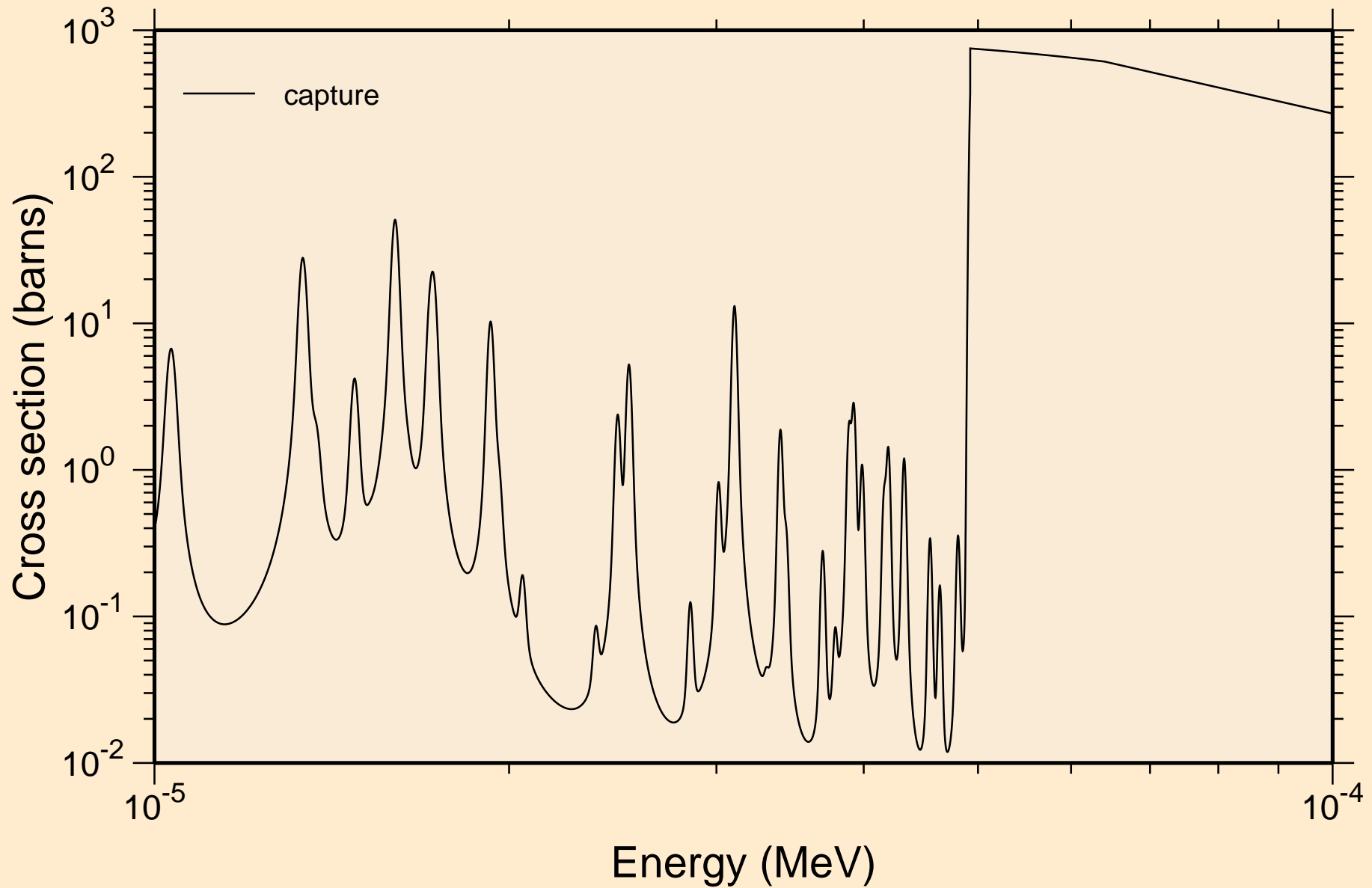
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

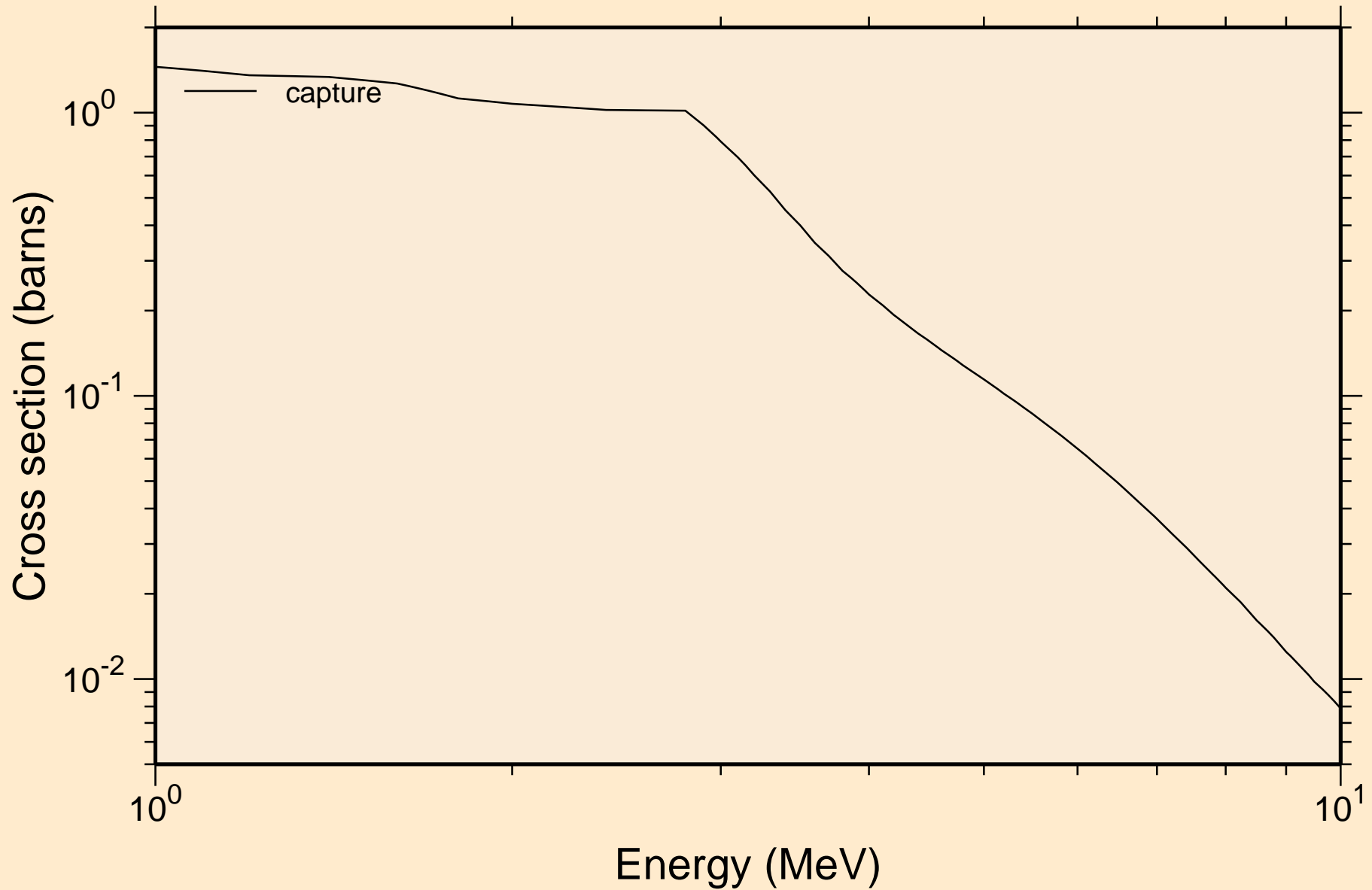


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

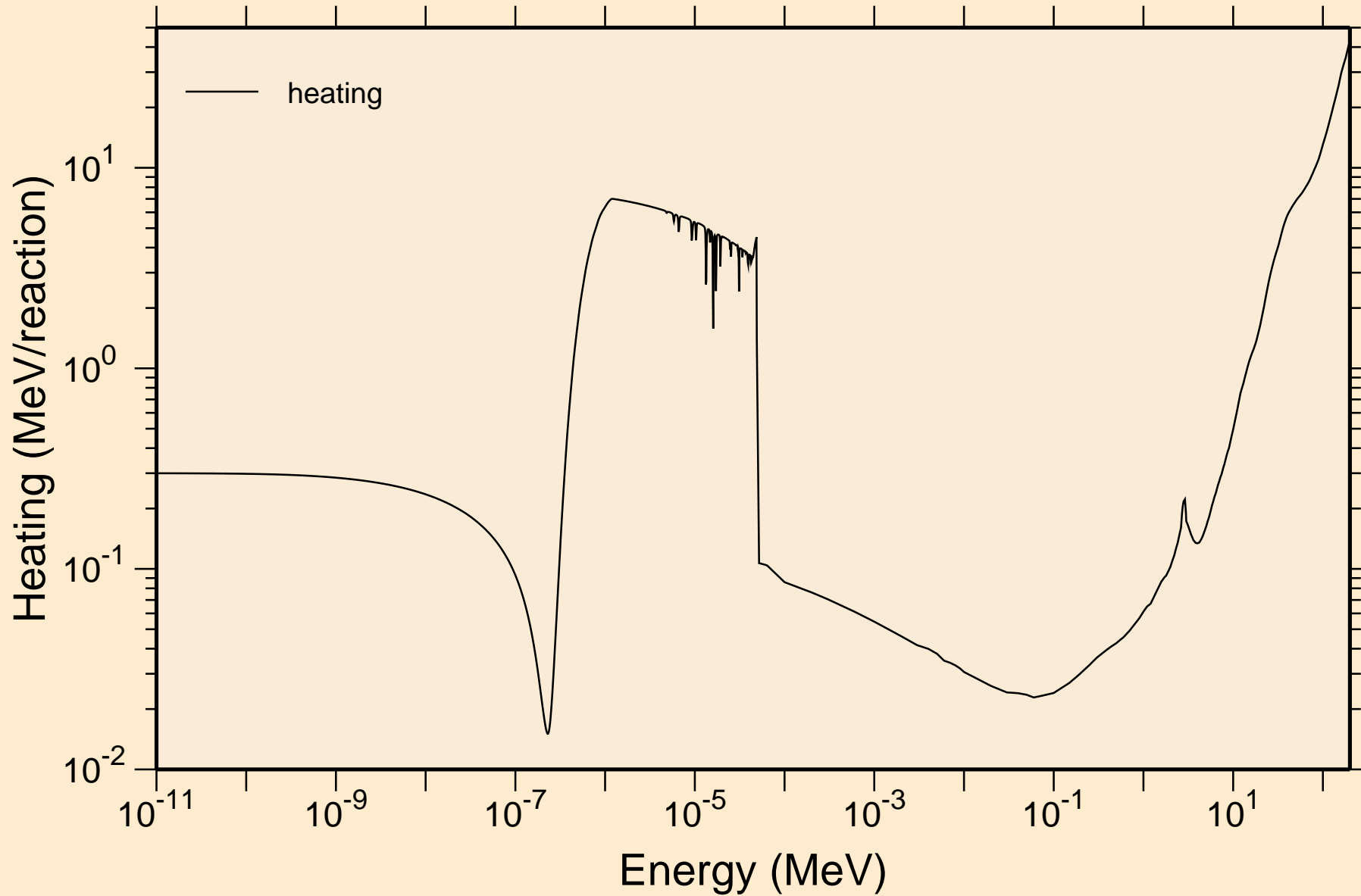




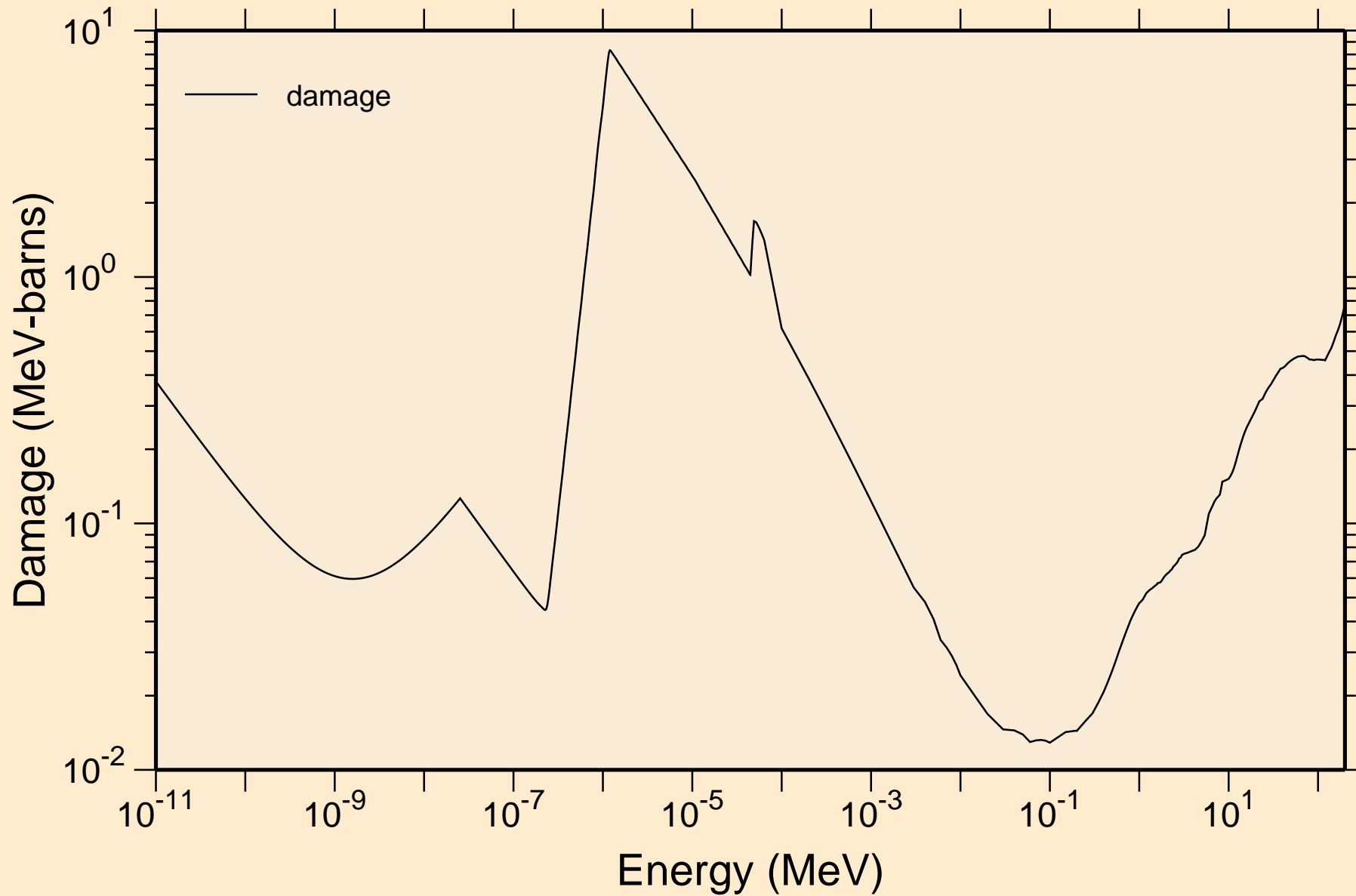
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



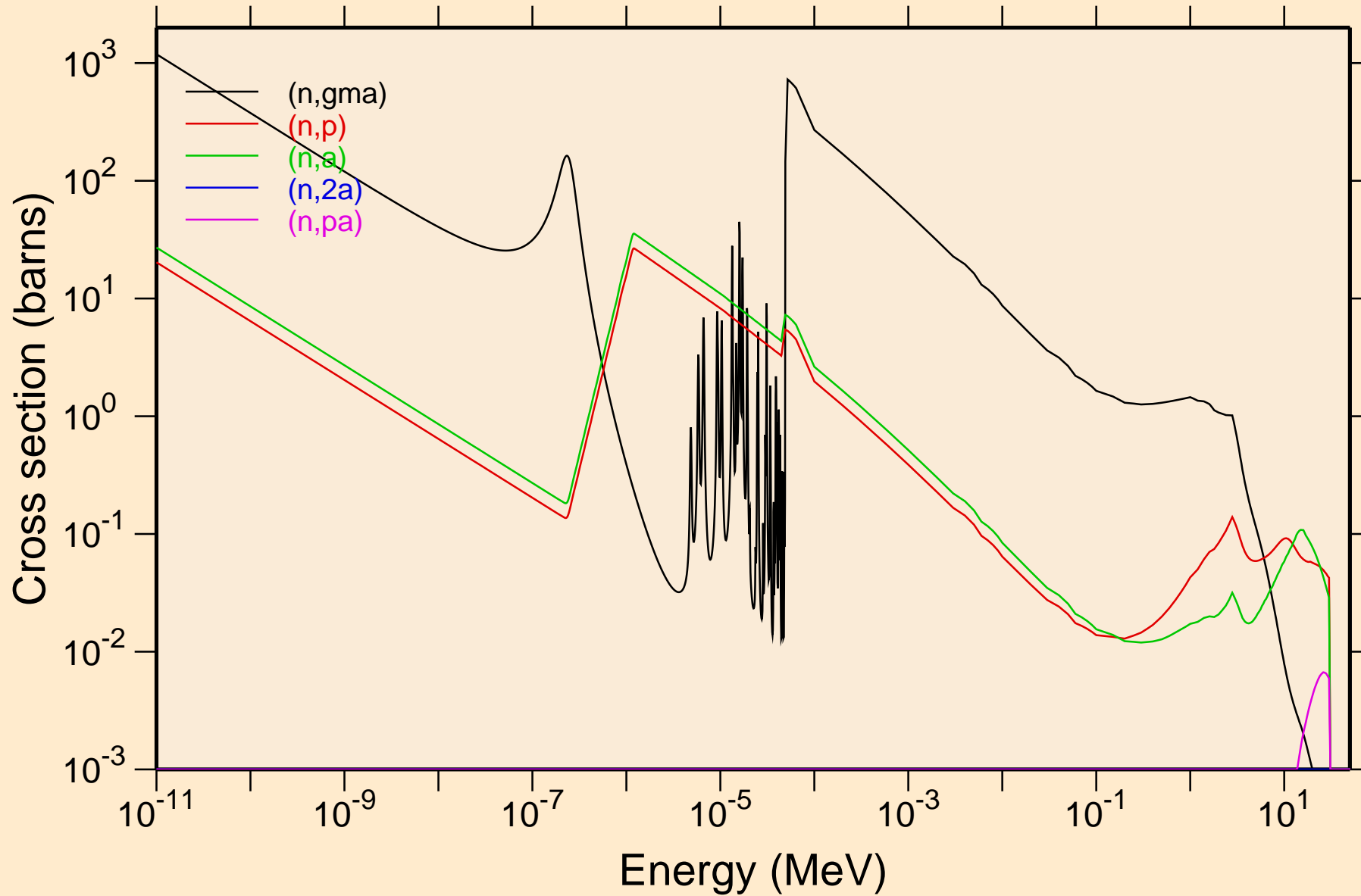
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



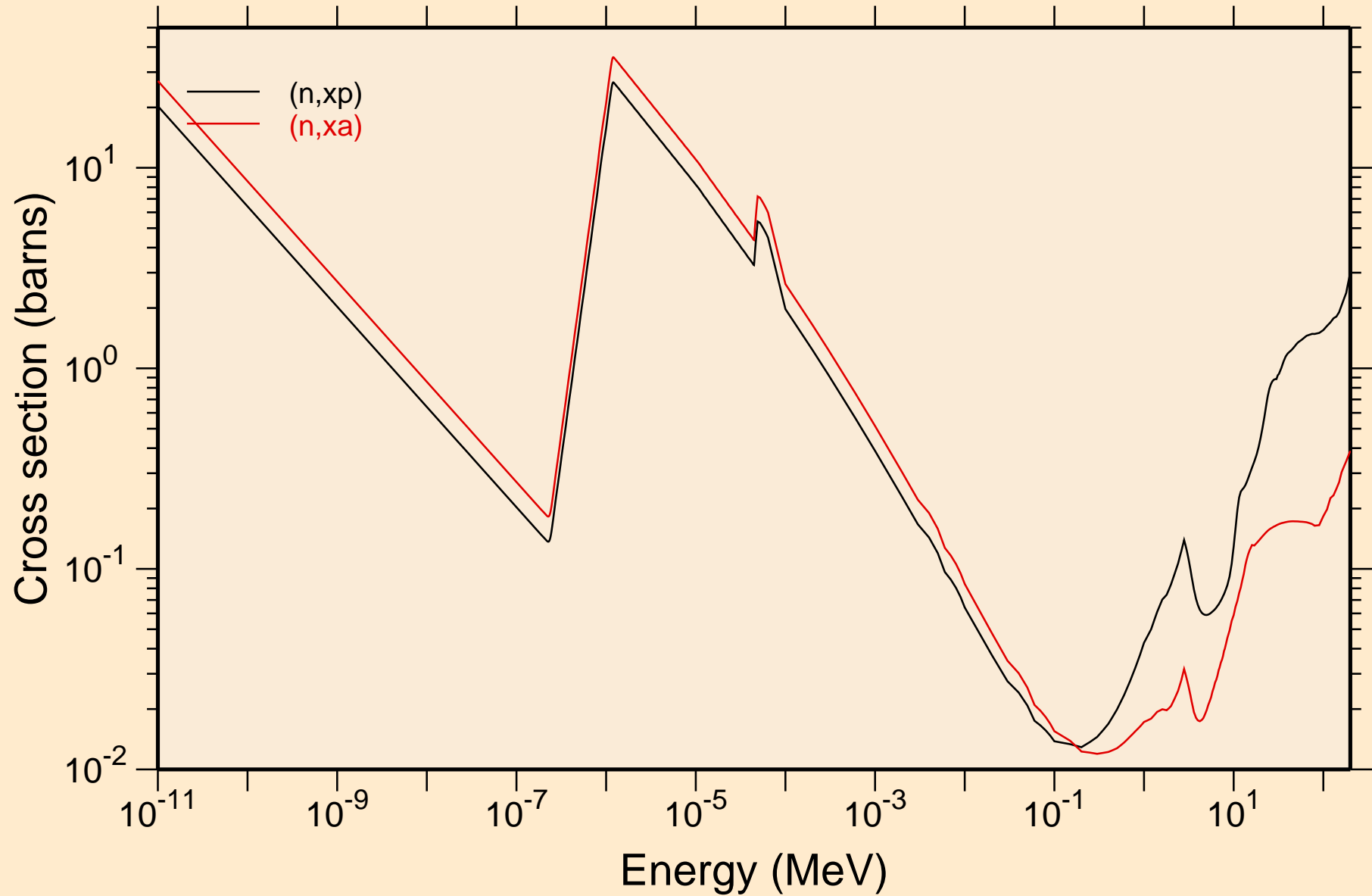
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



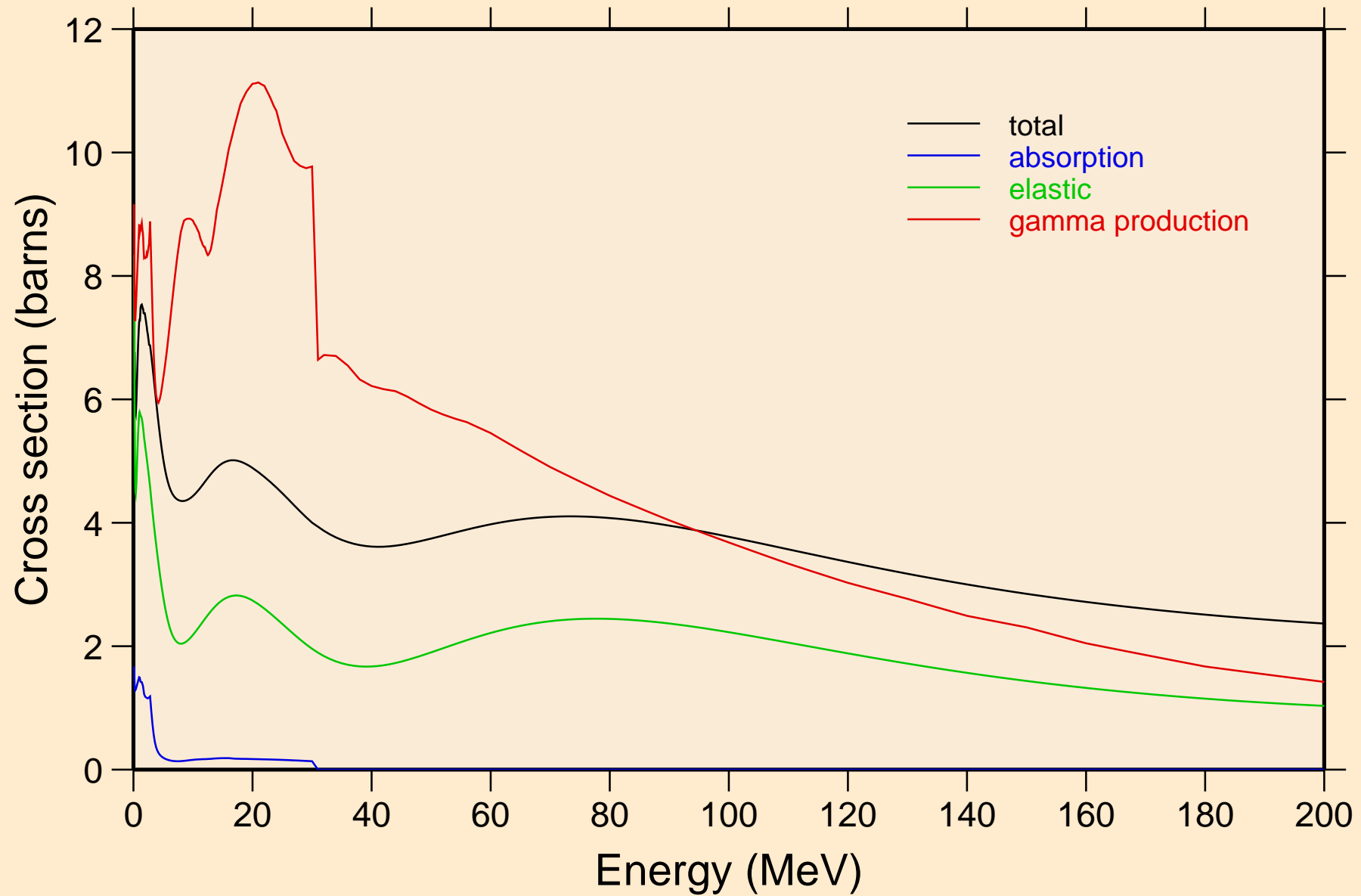
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

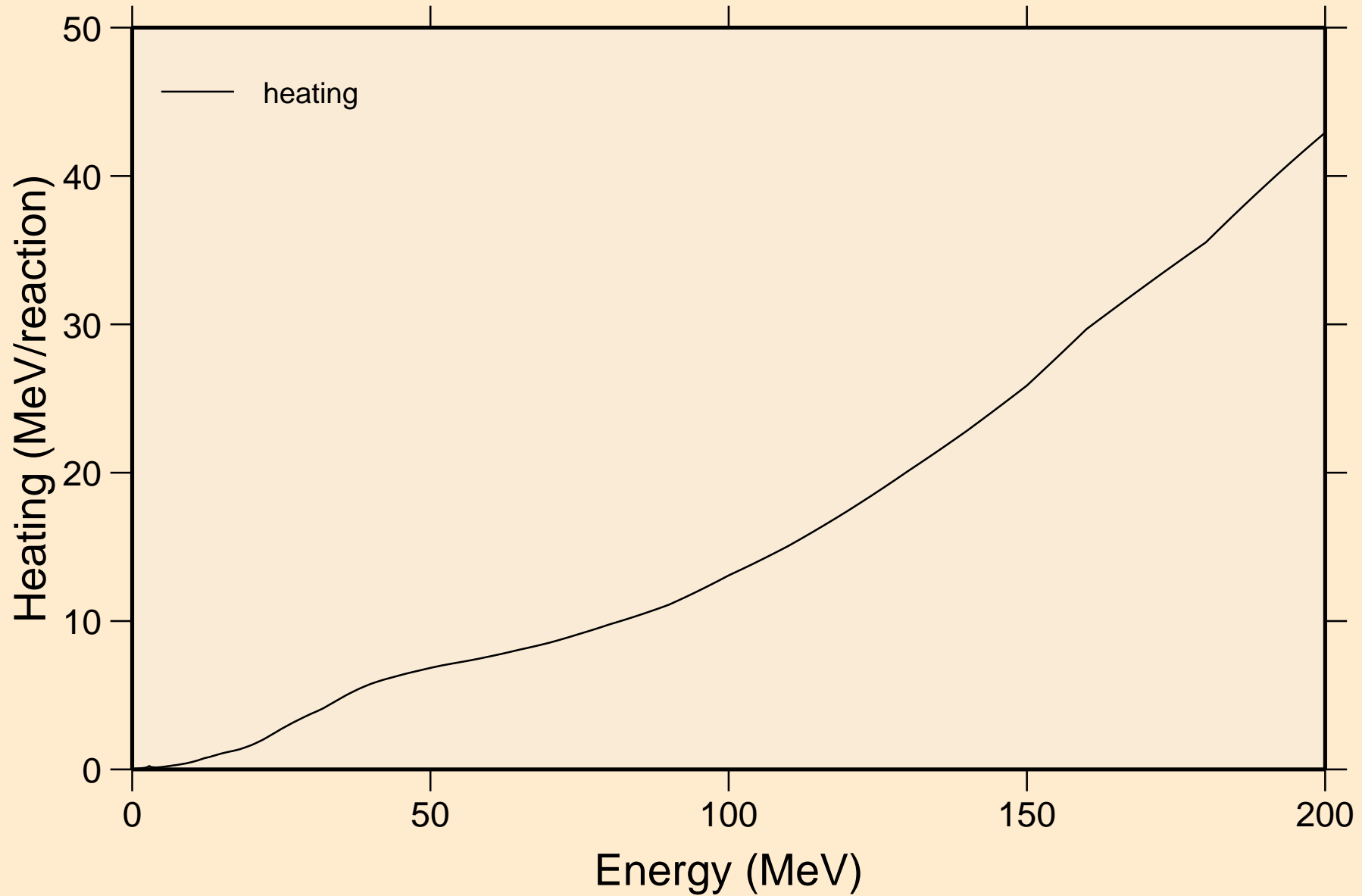


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

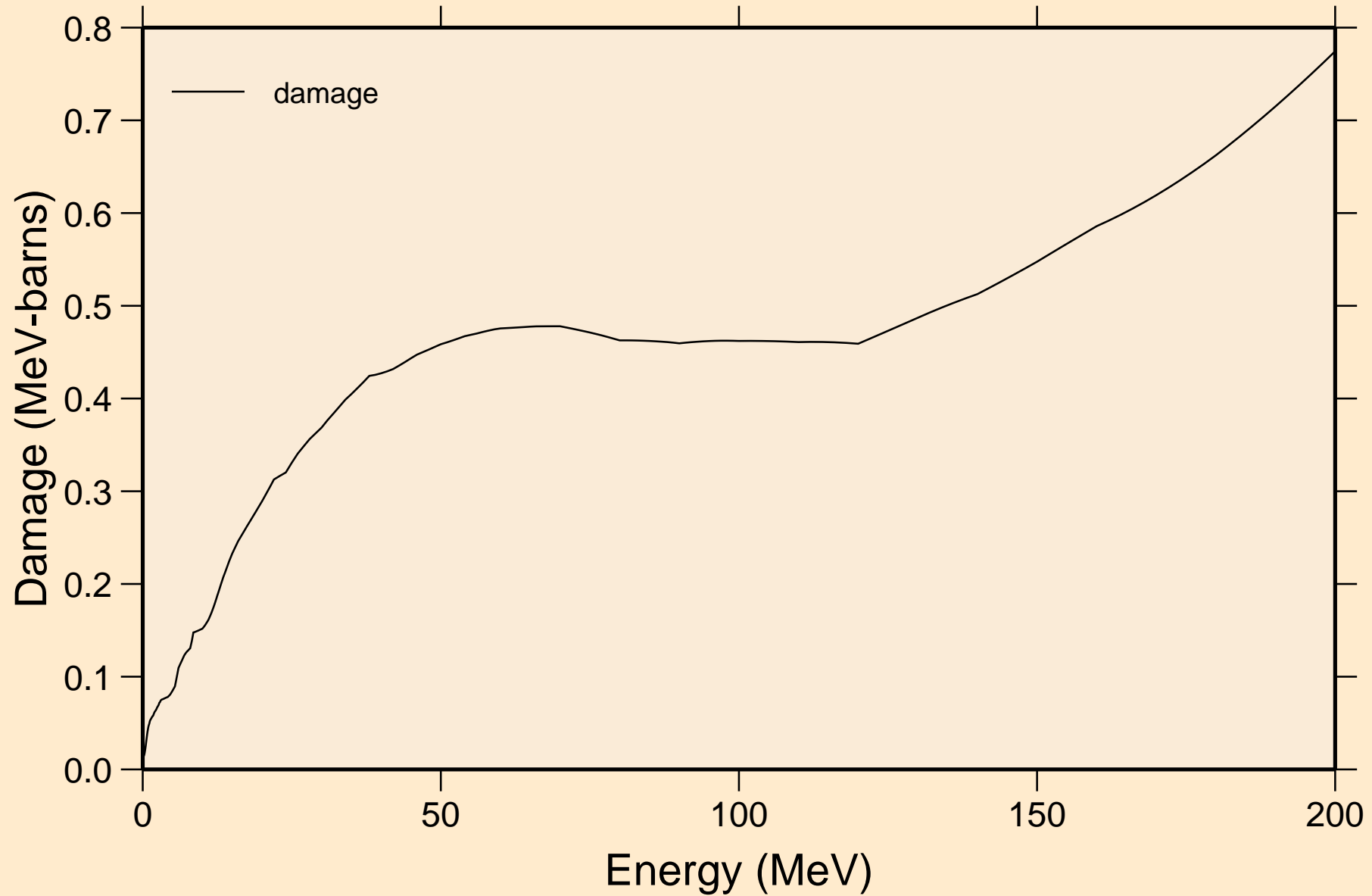


# DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Heating

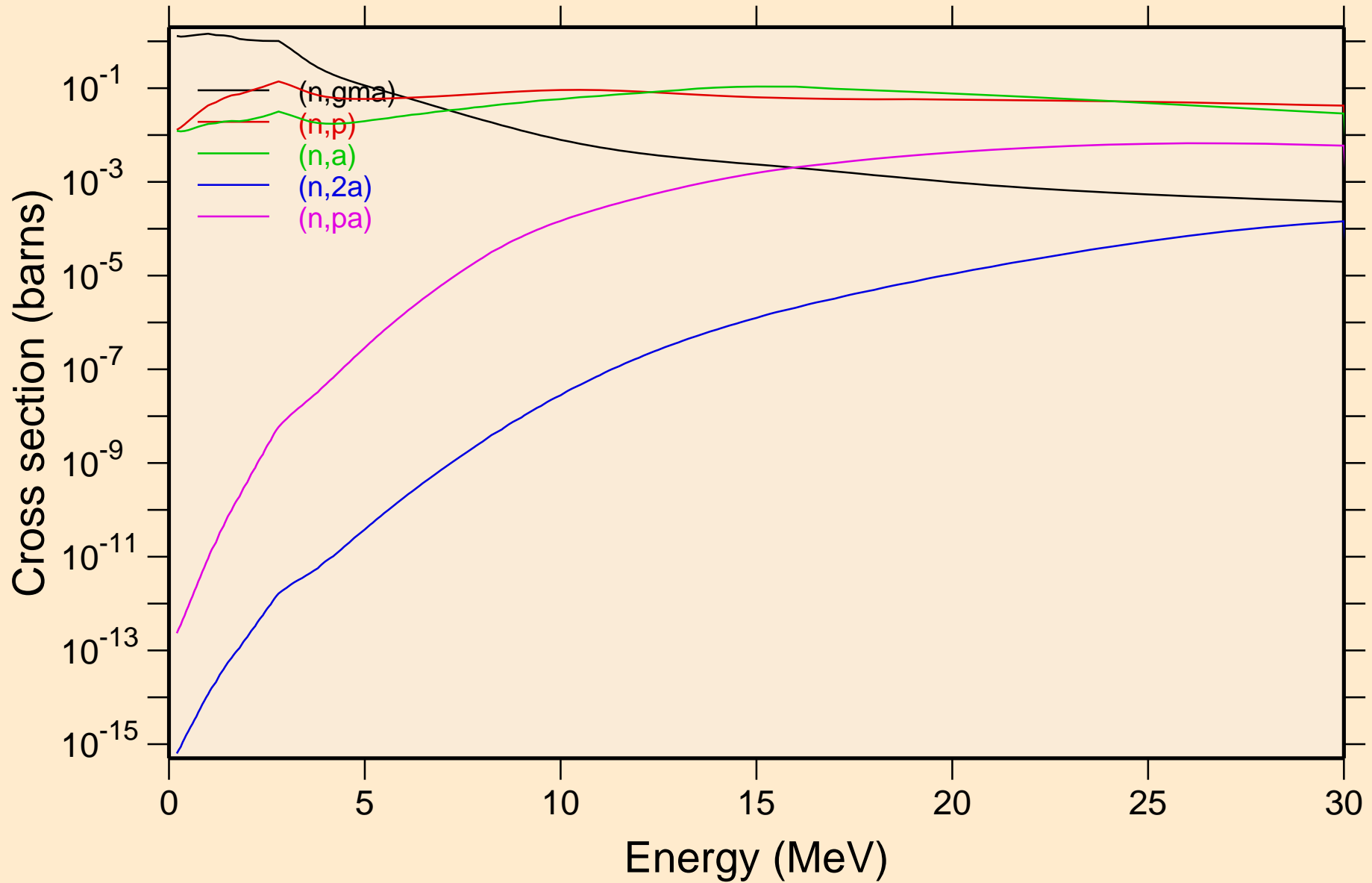


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

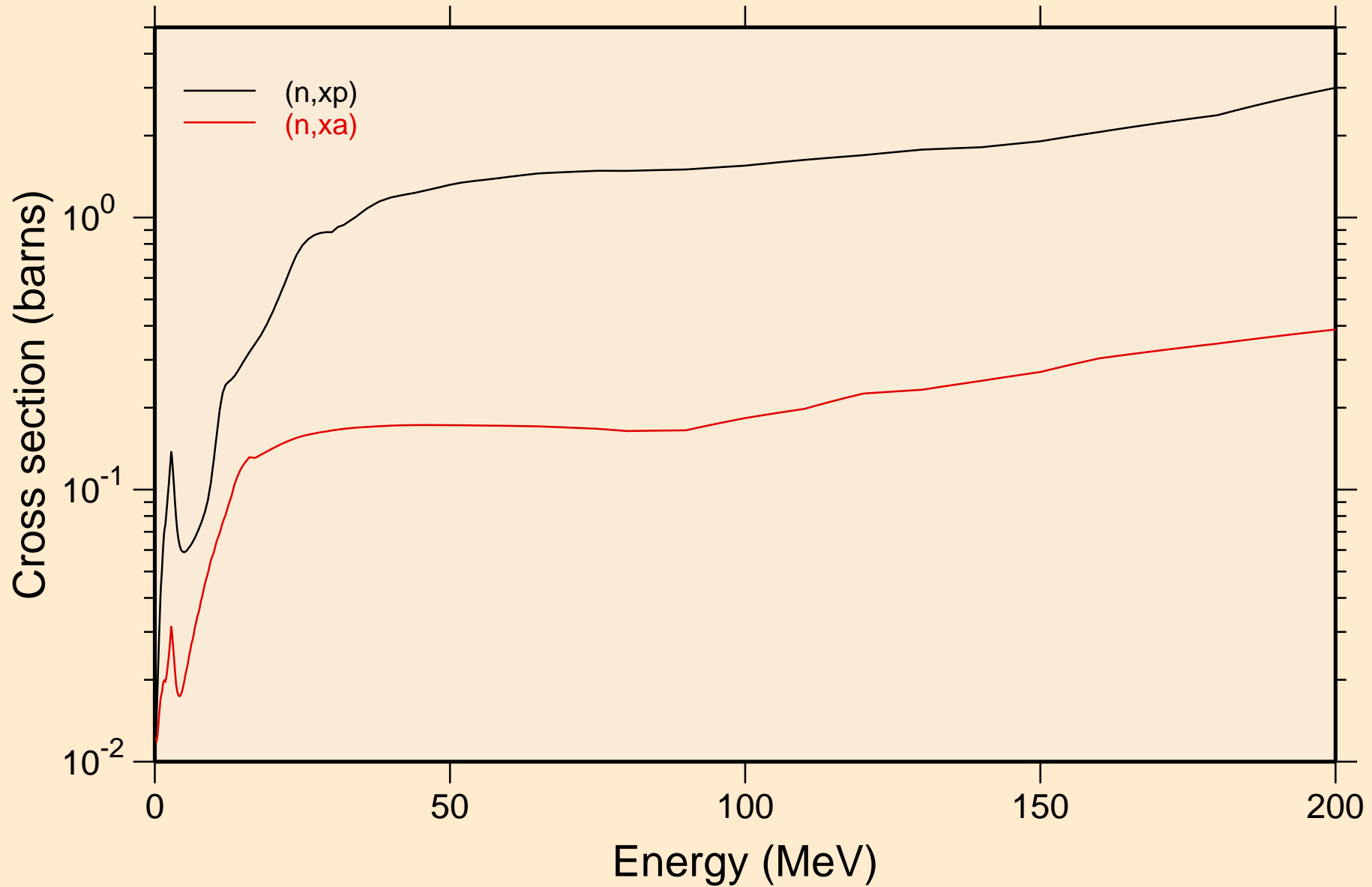




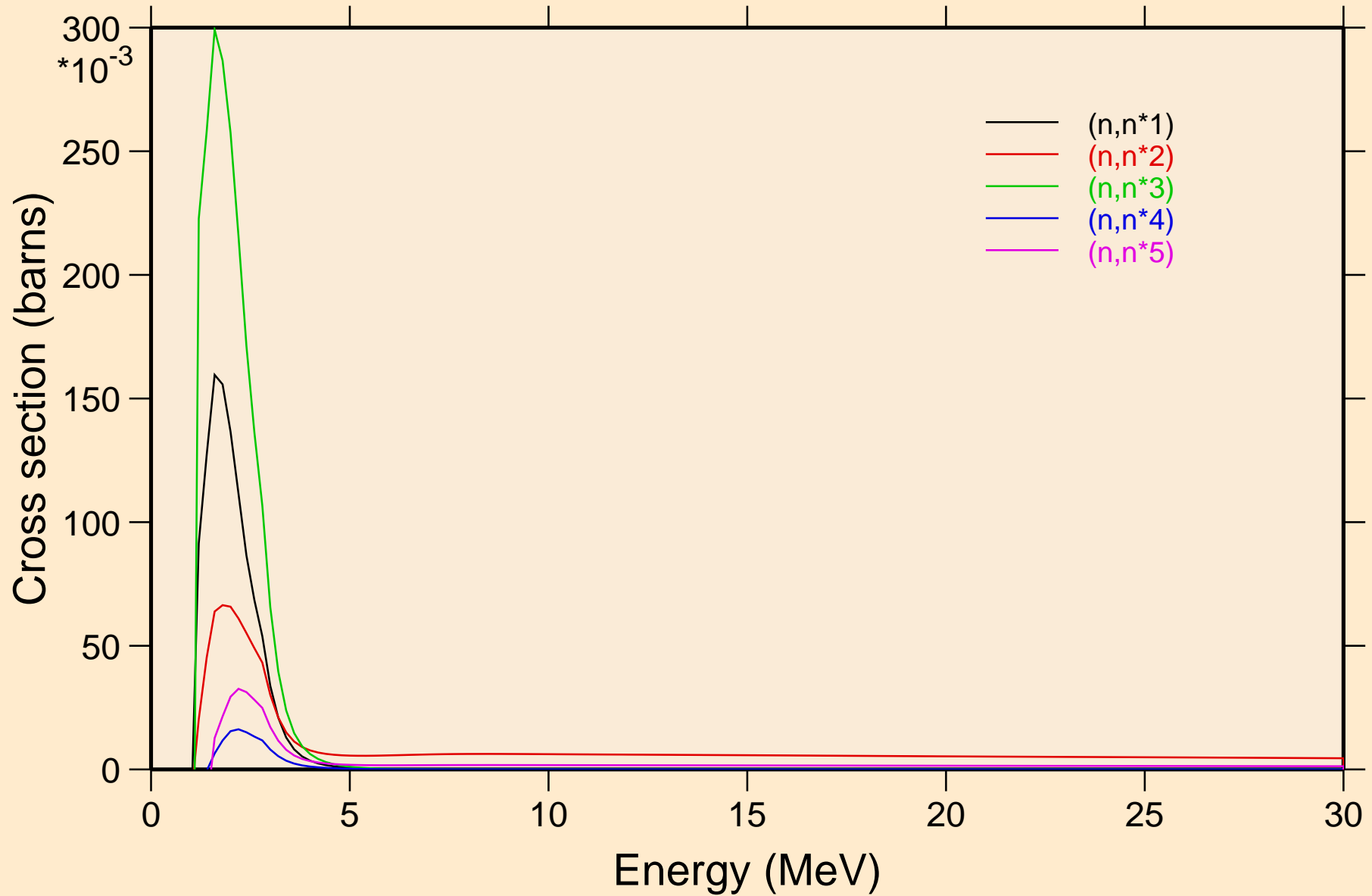
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



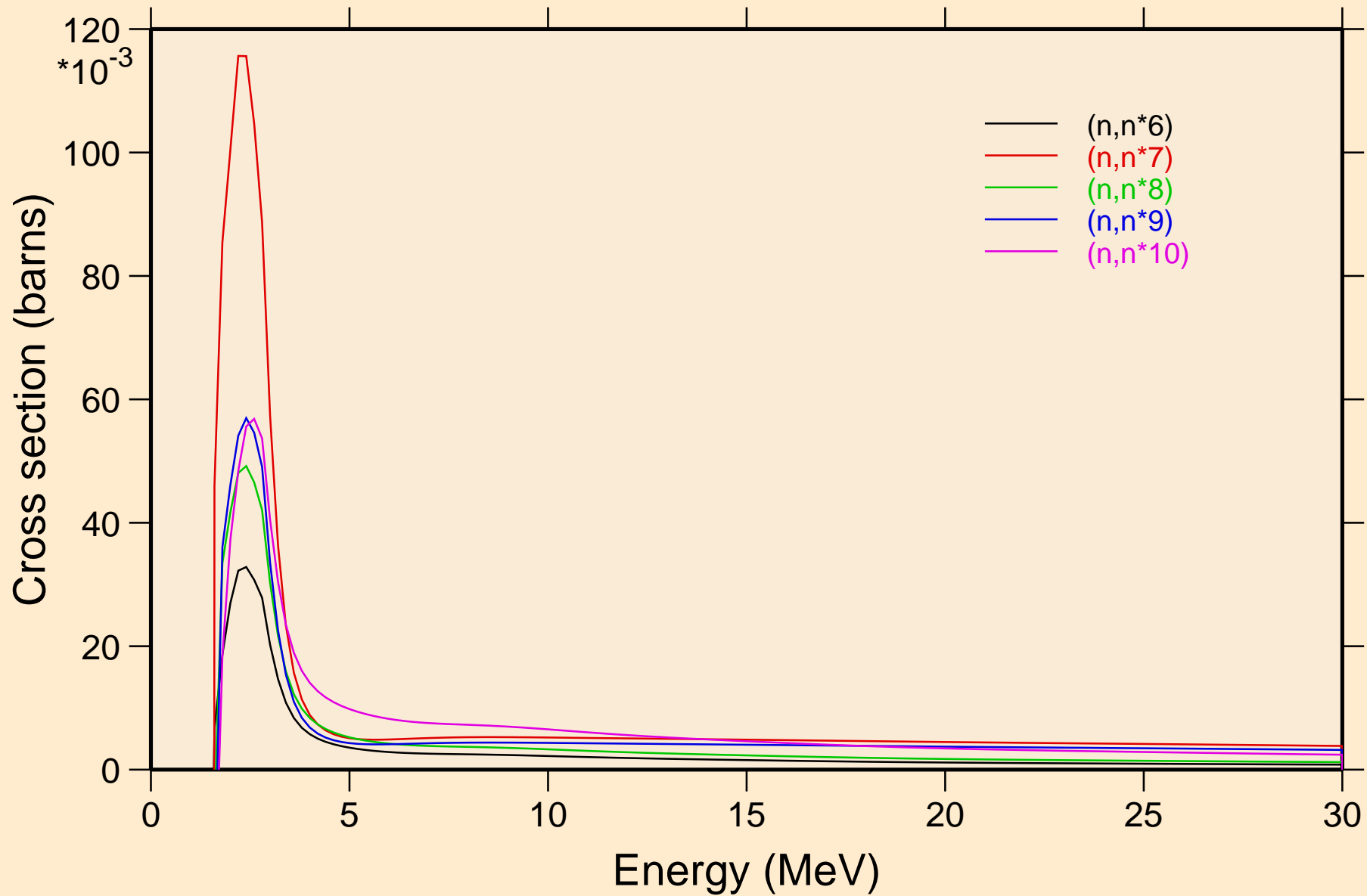
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



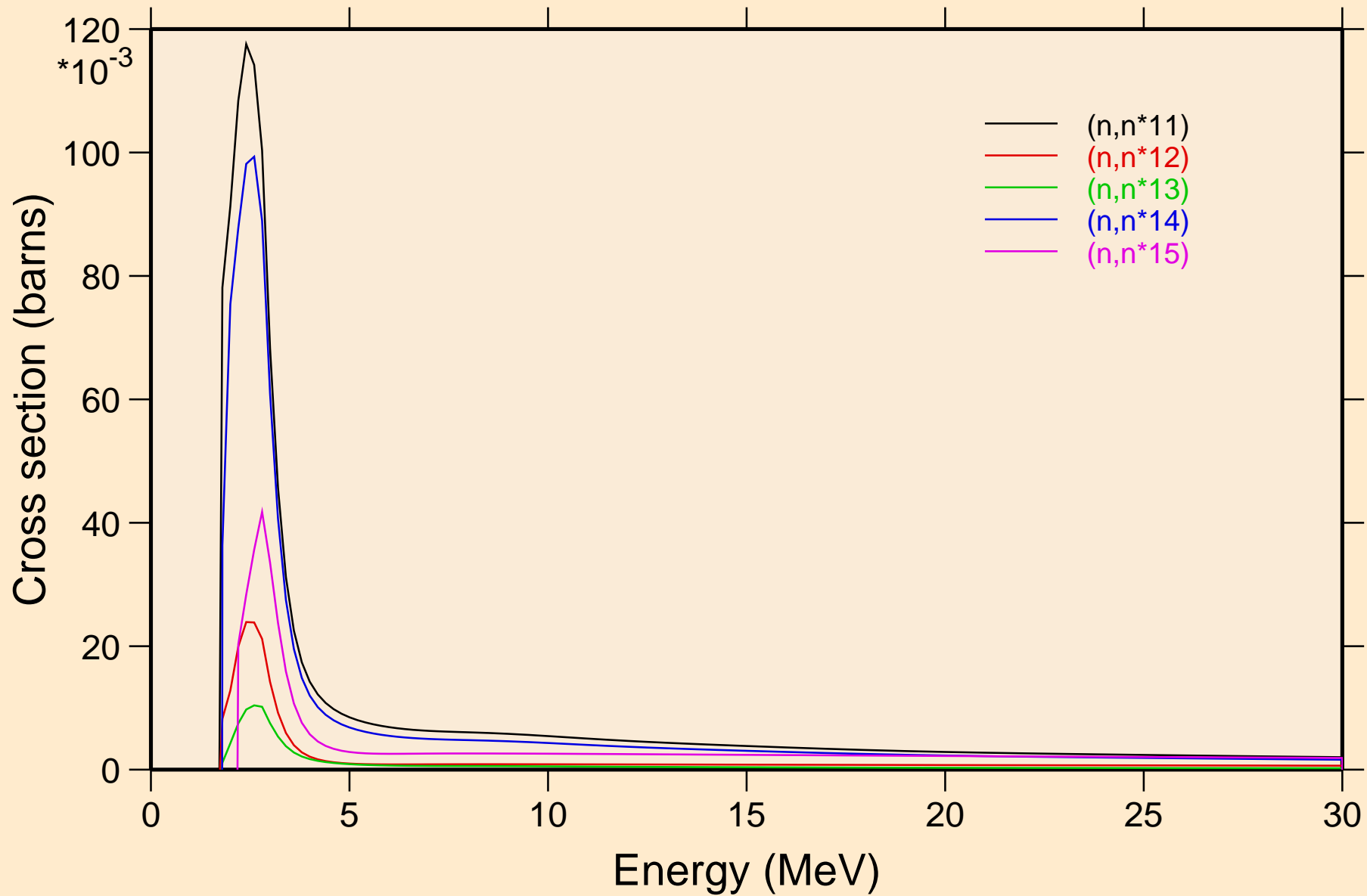
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



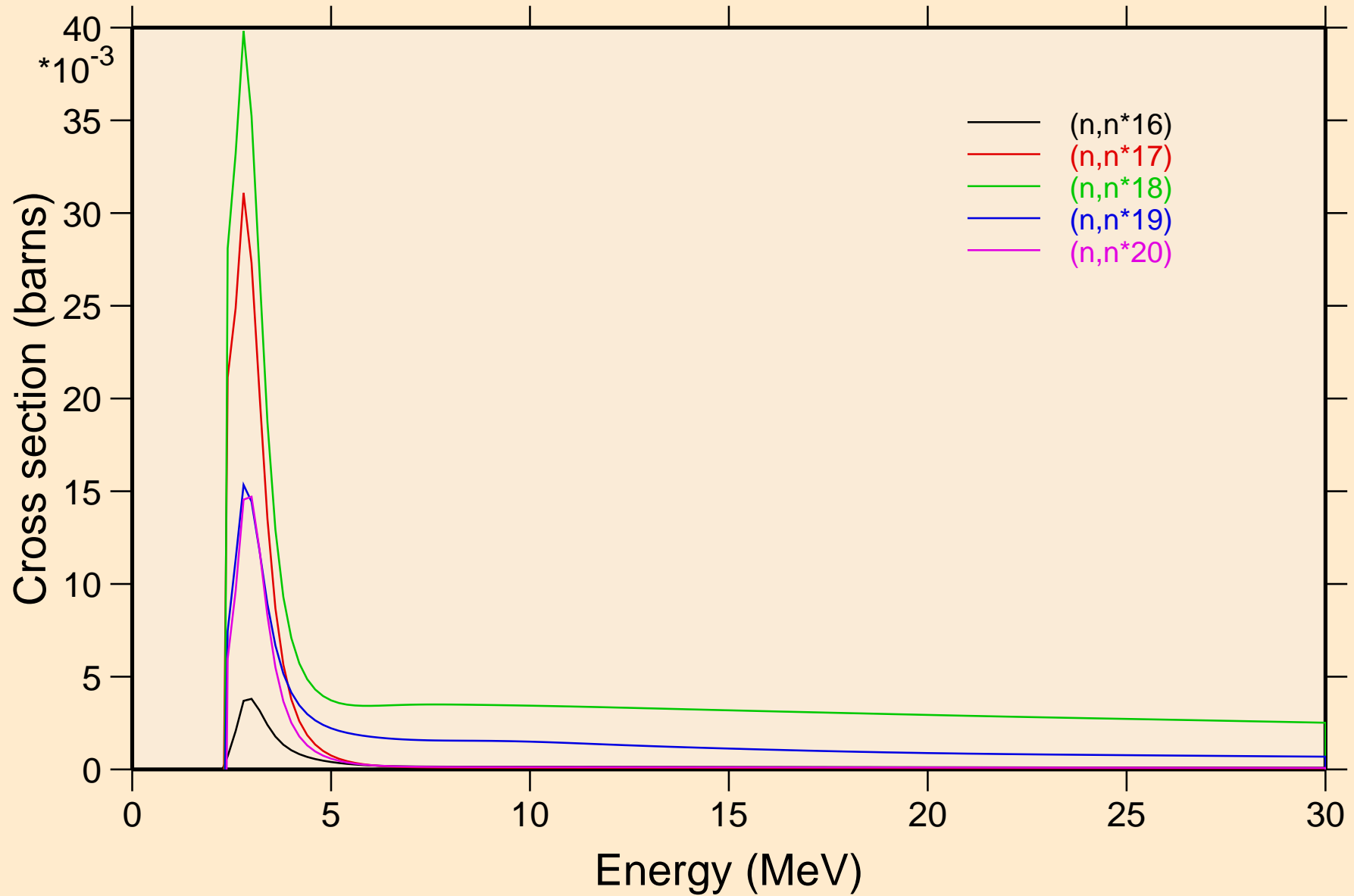
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



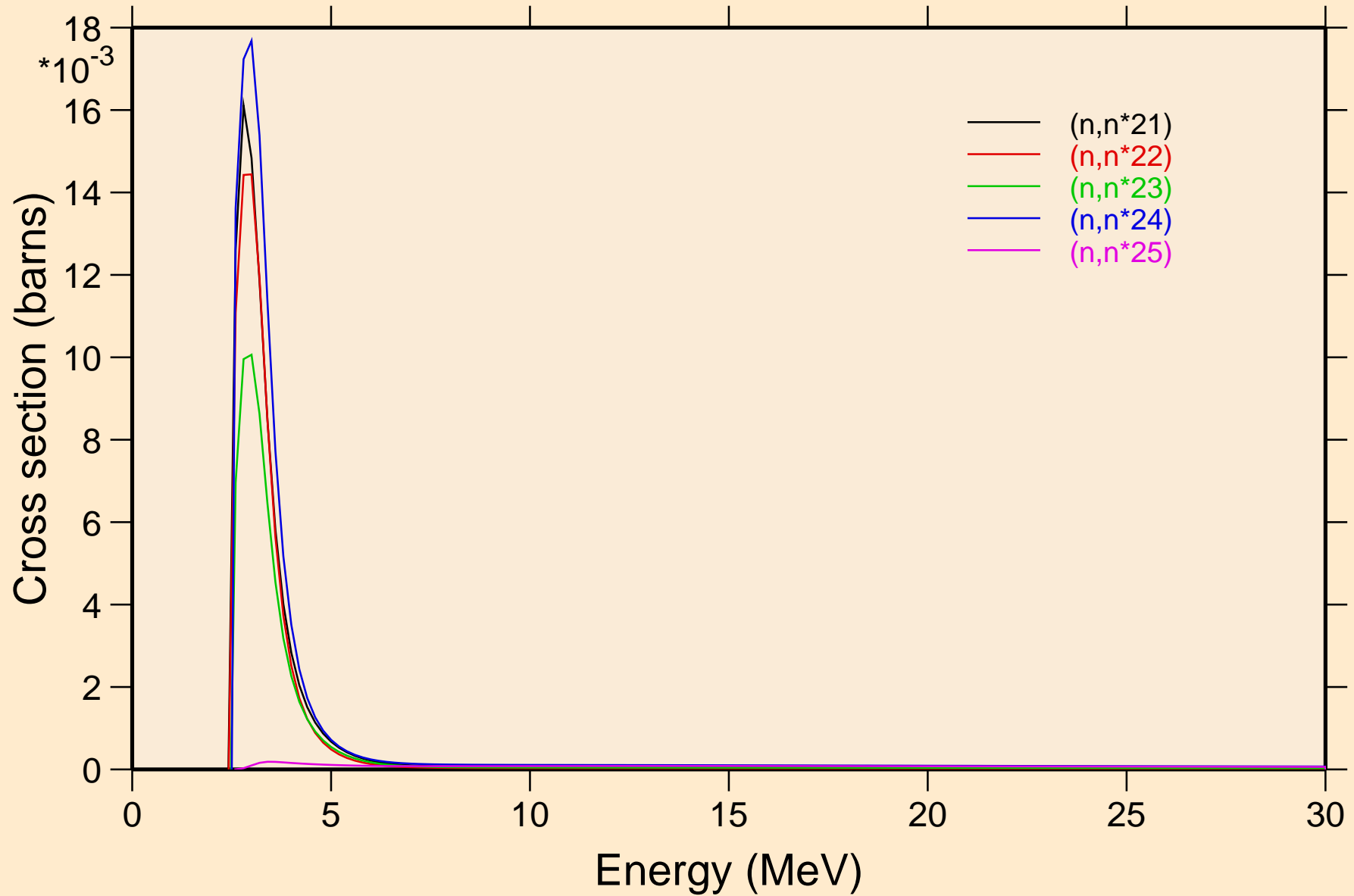
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



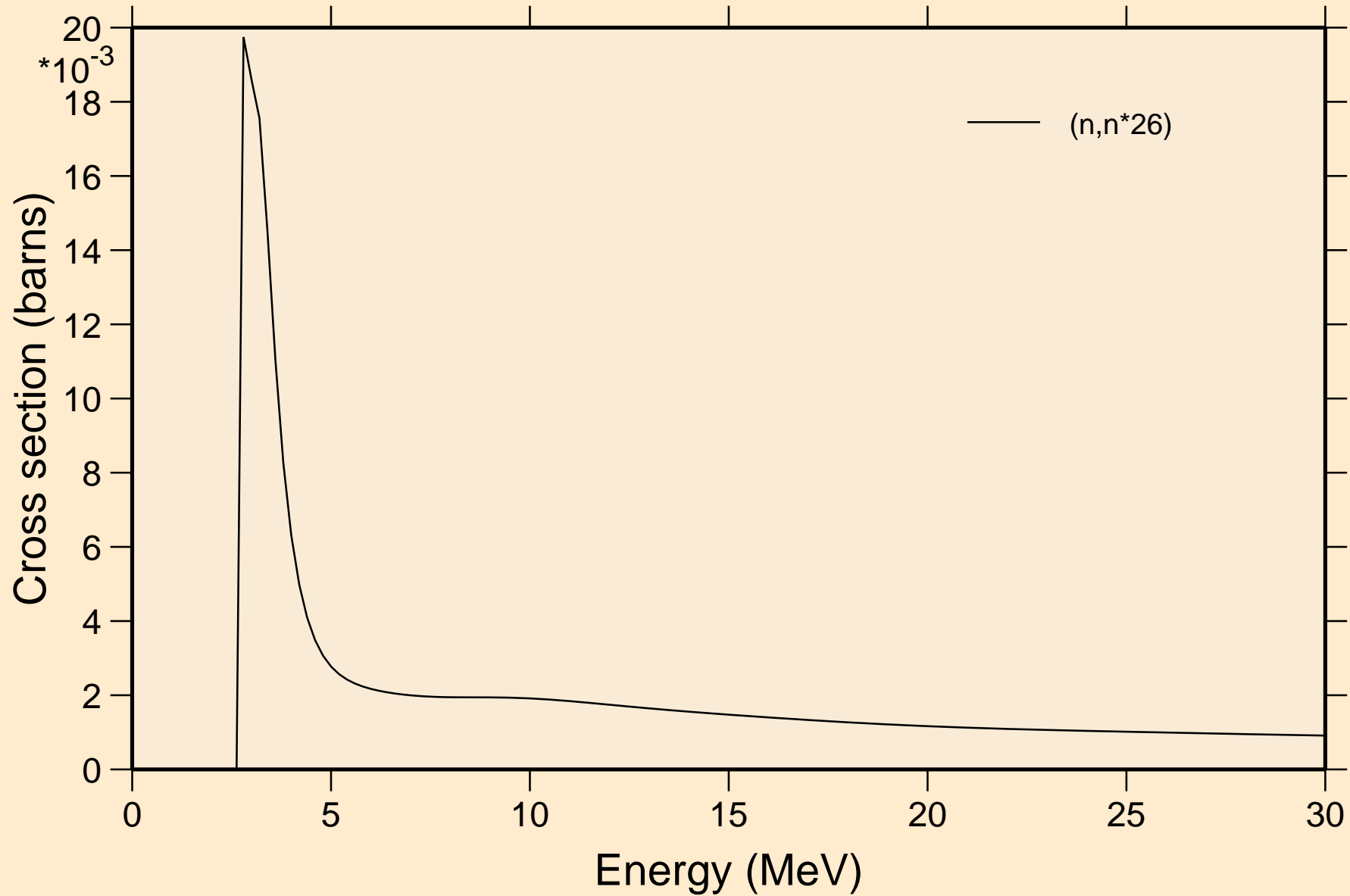
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

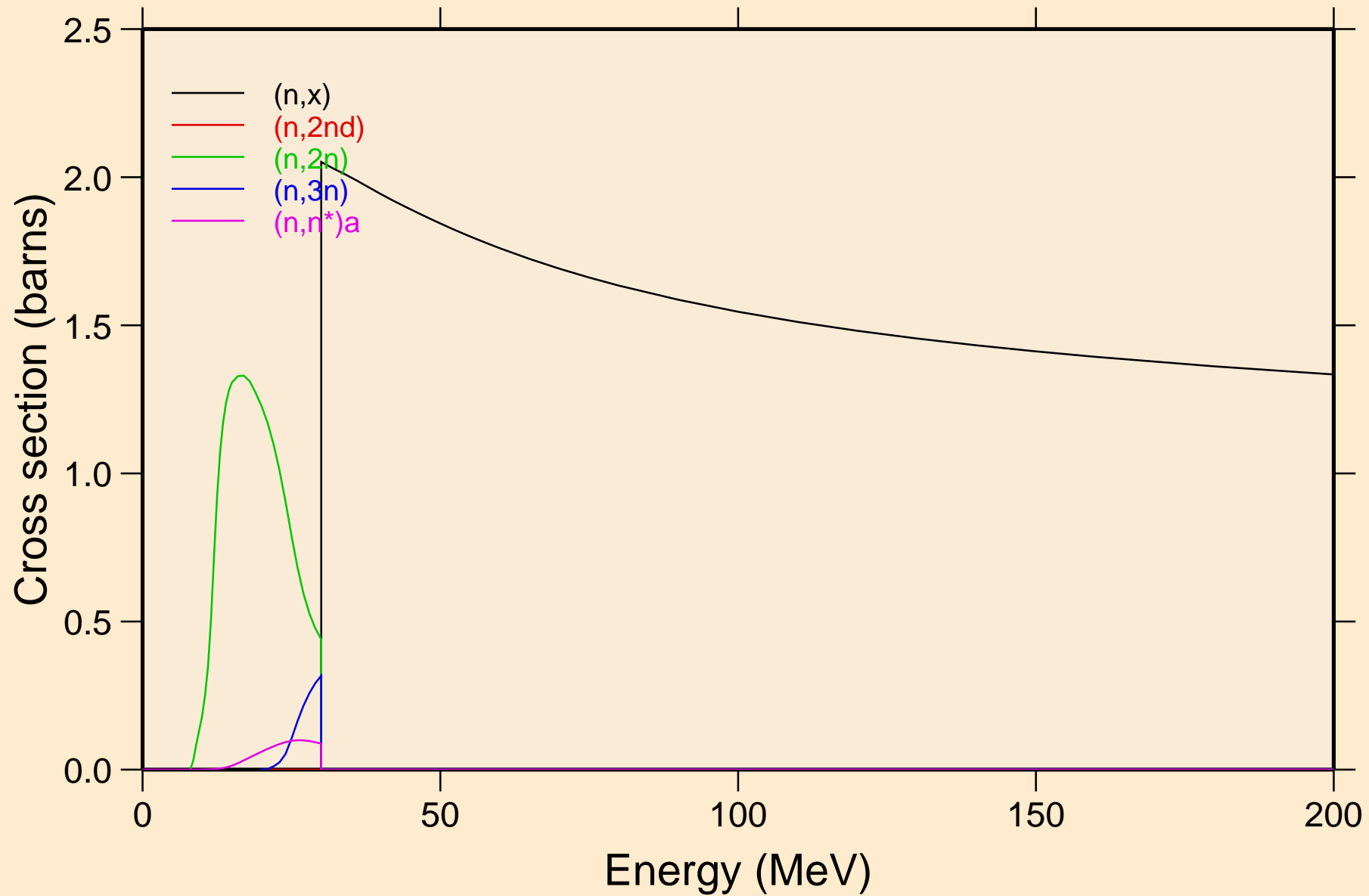


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

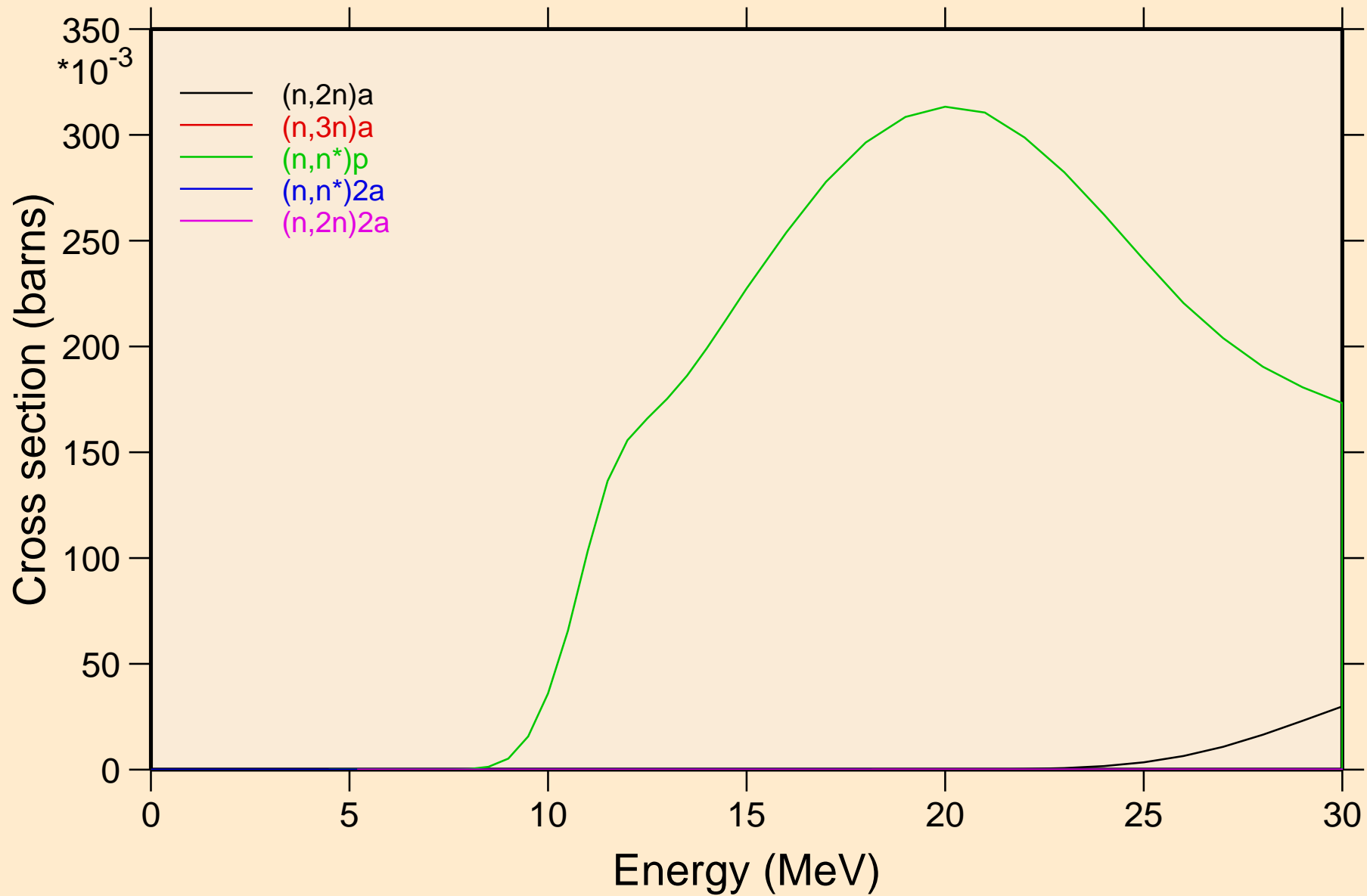




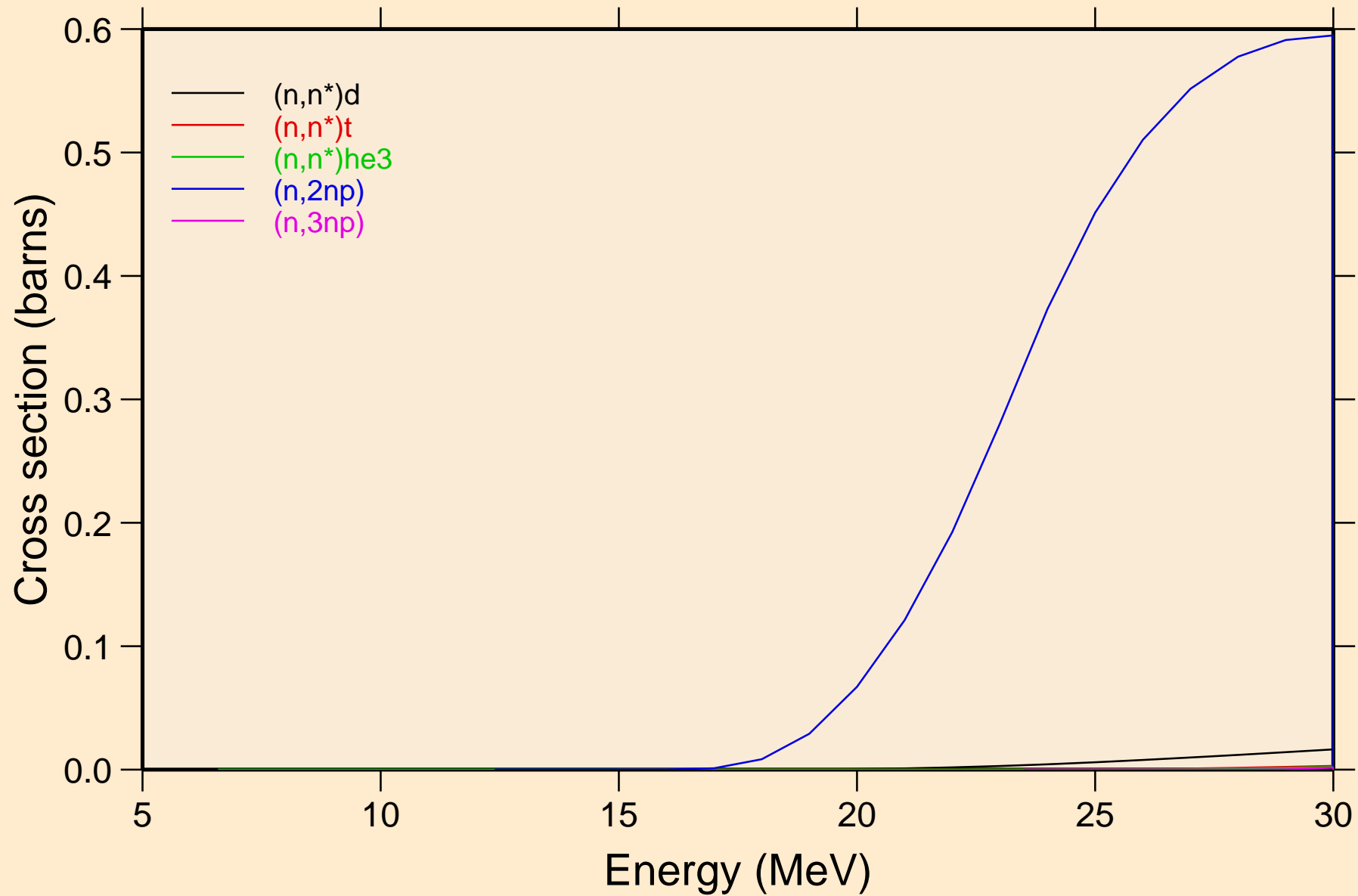
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



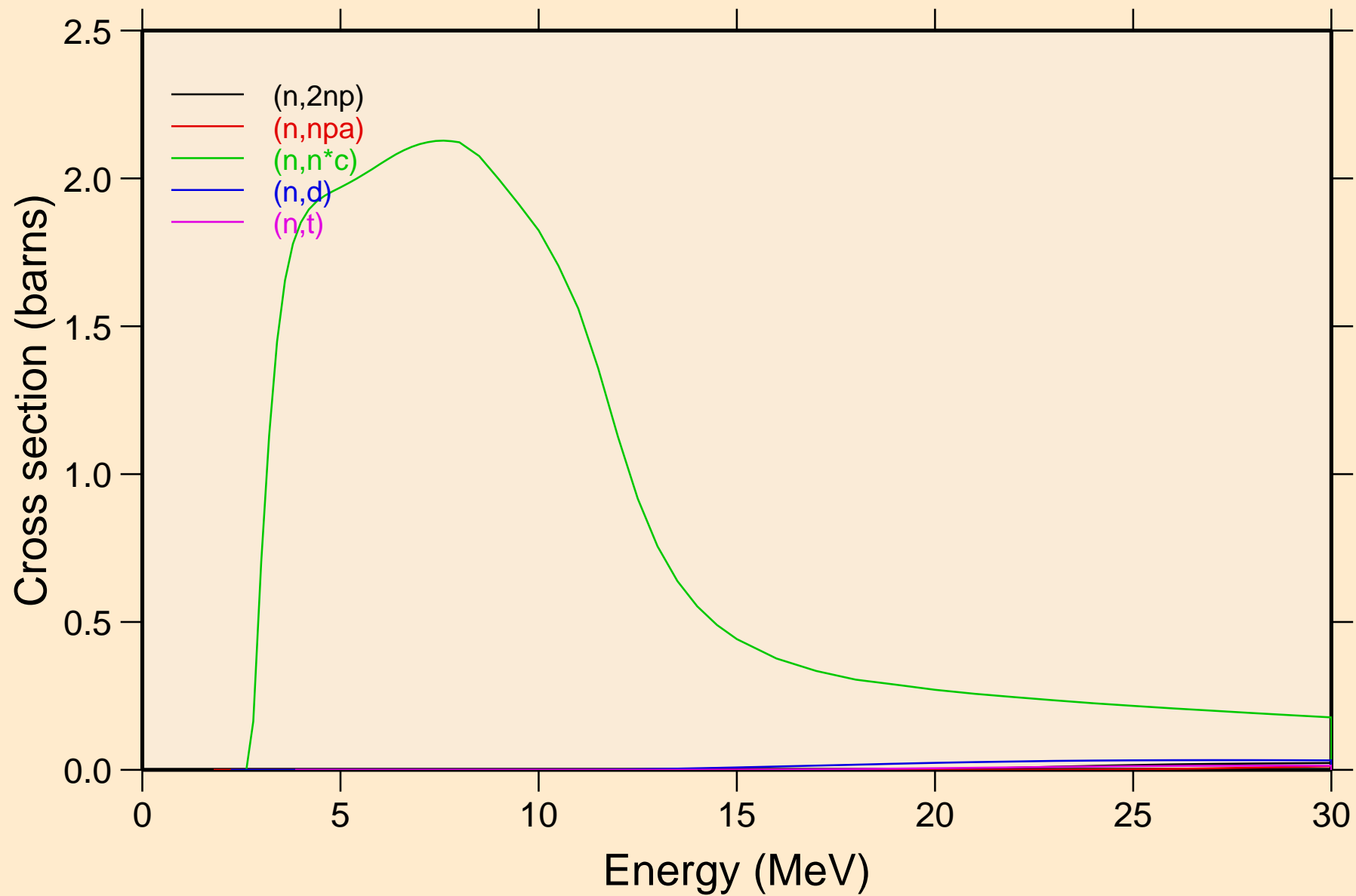
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



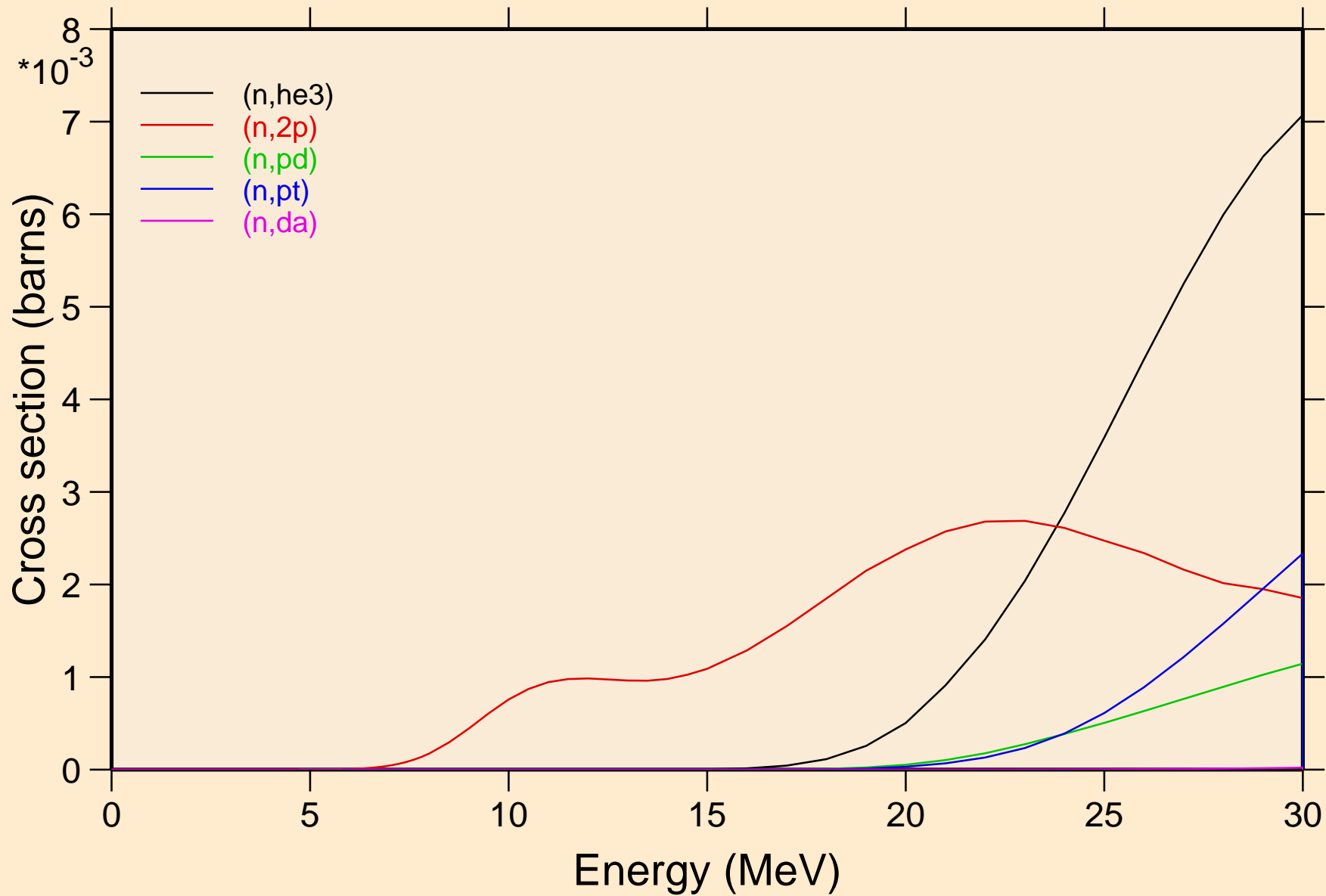
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



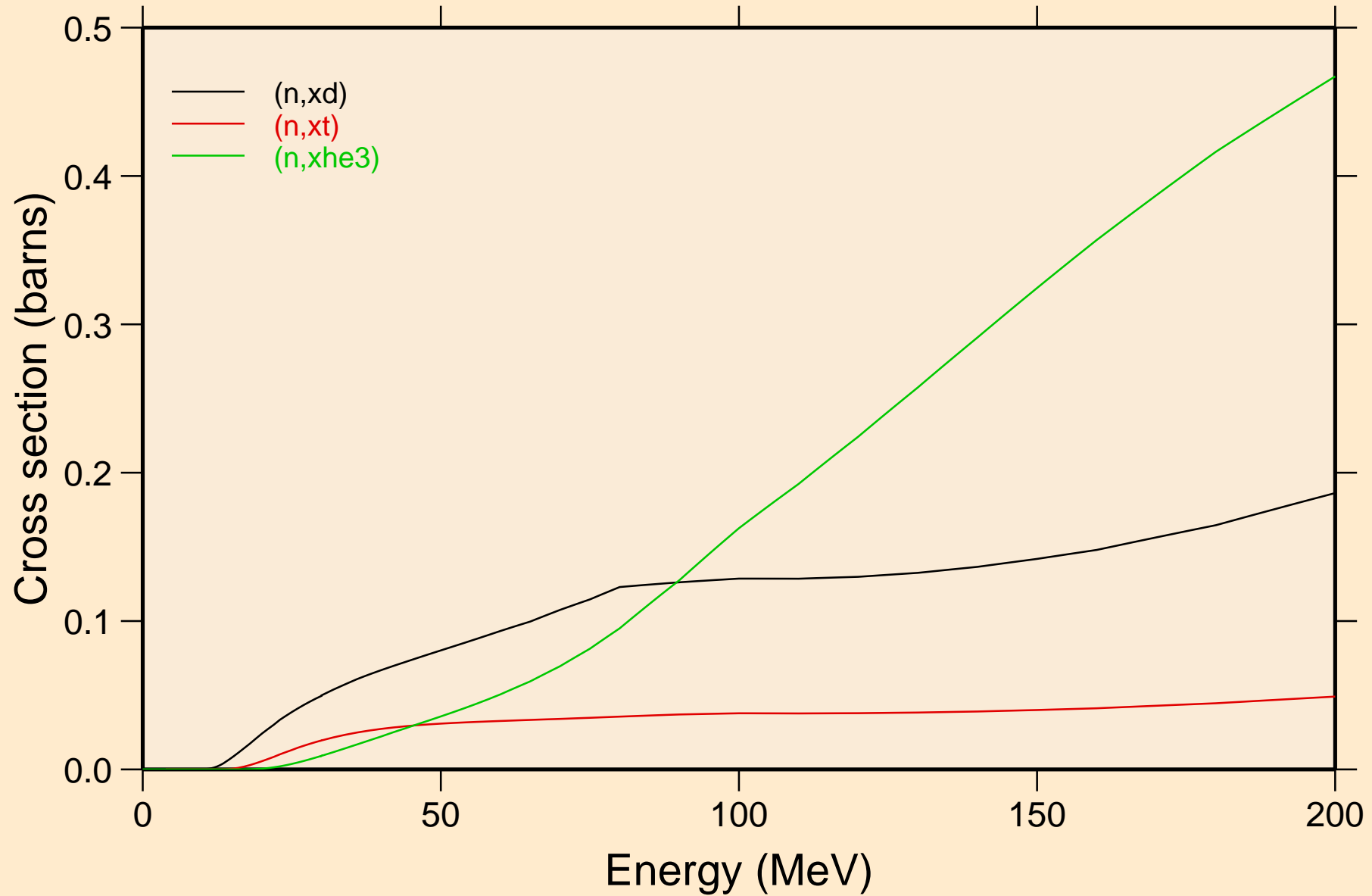
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



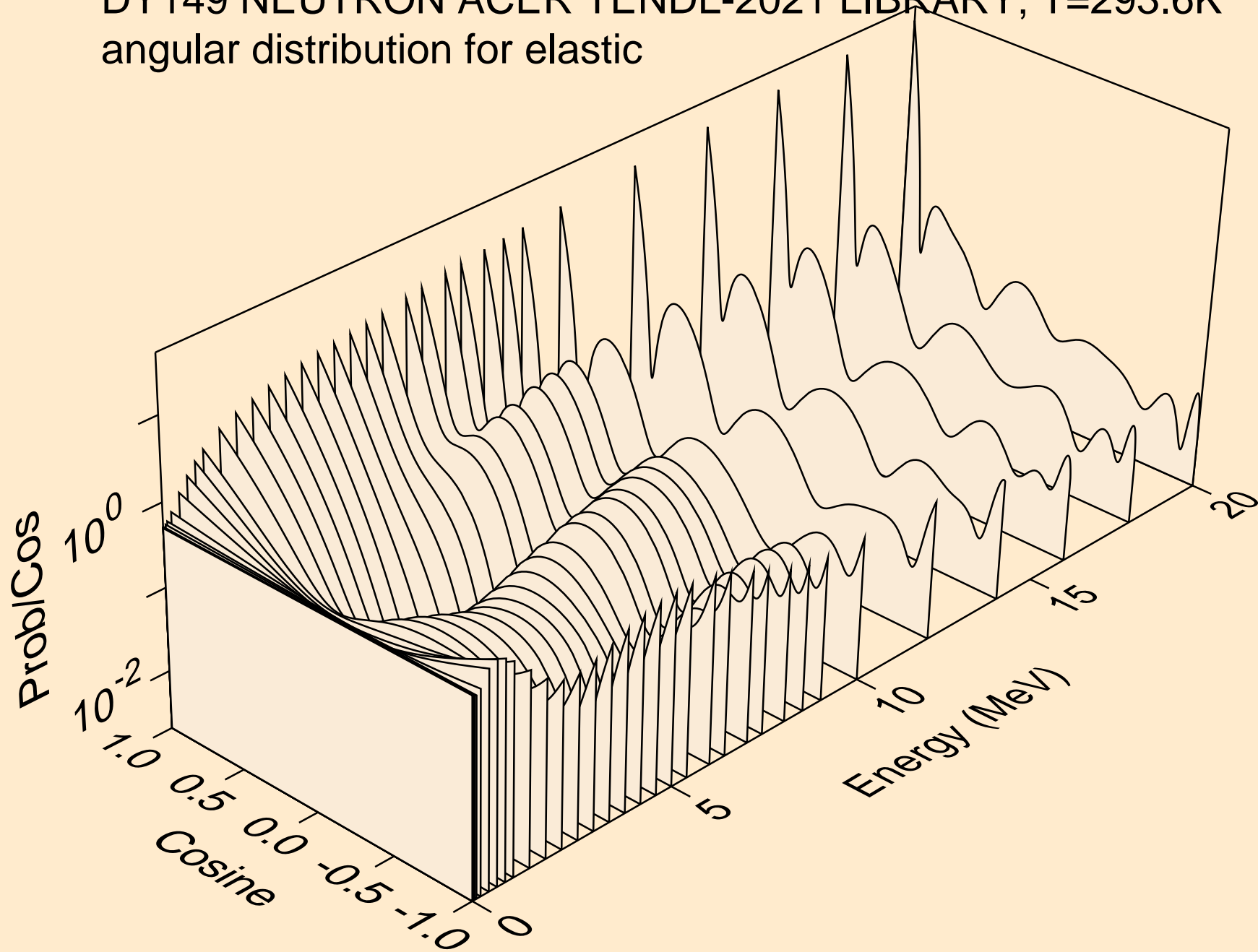
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



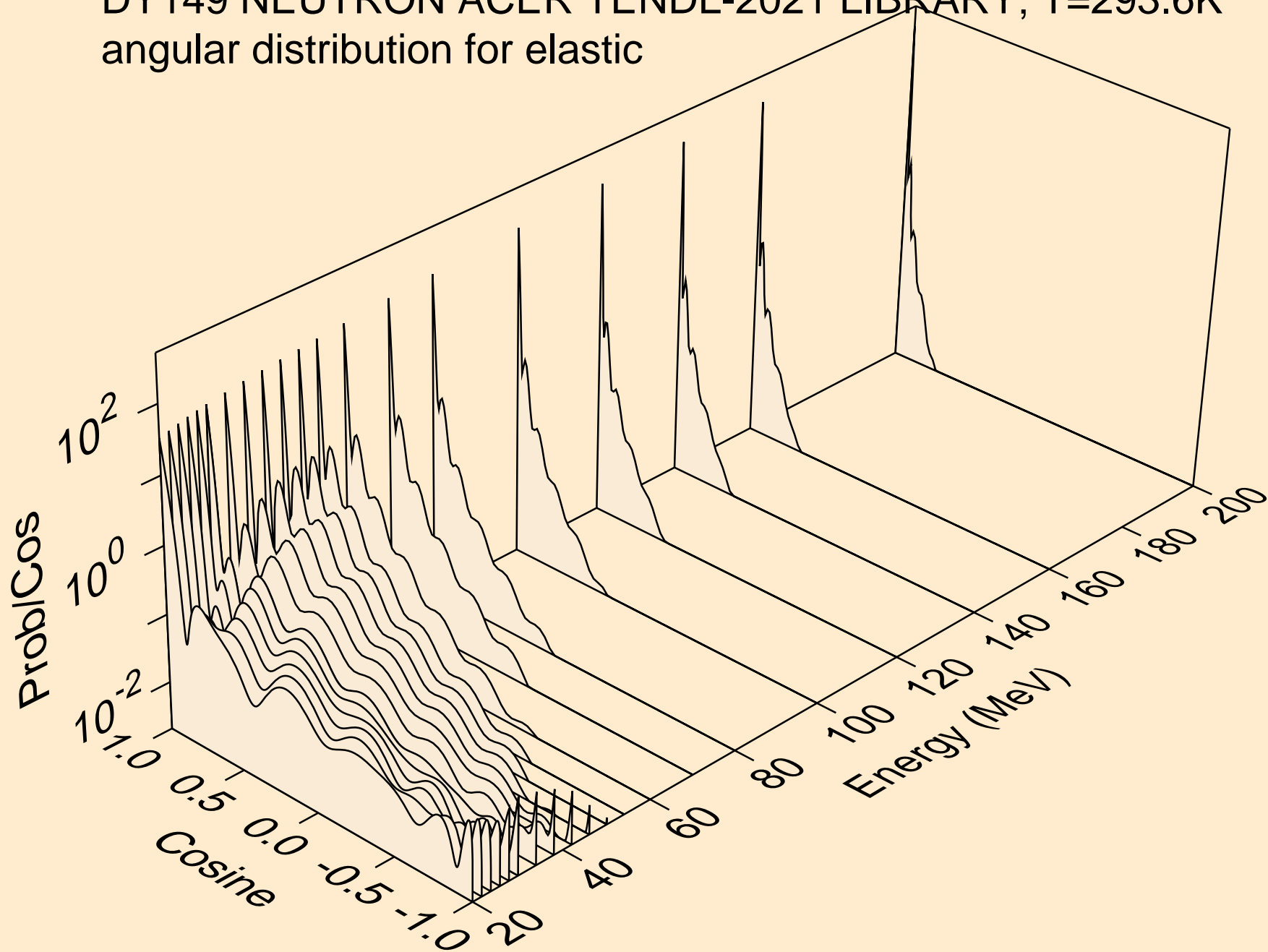
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

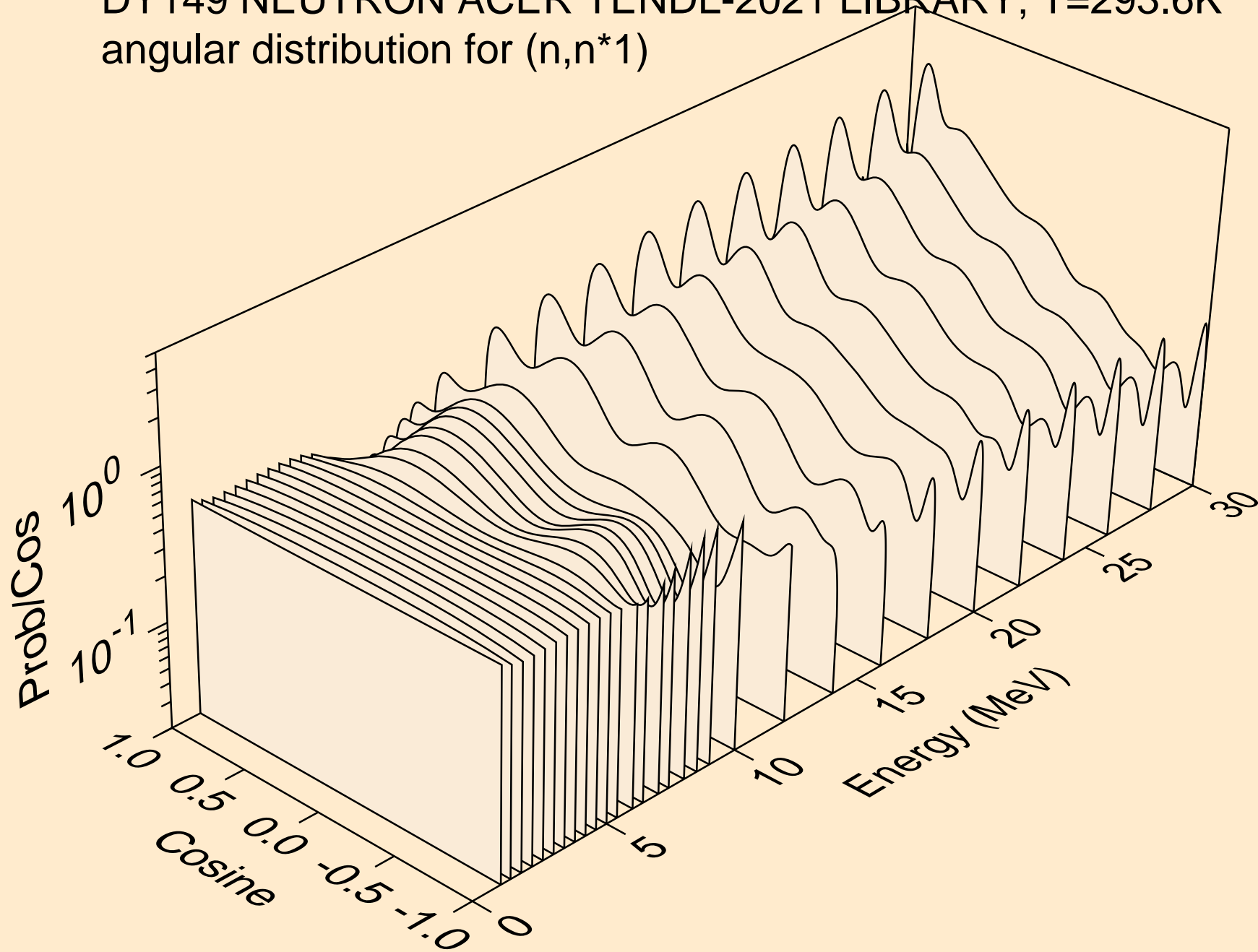


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

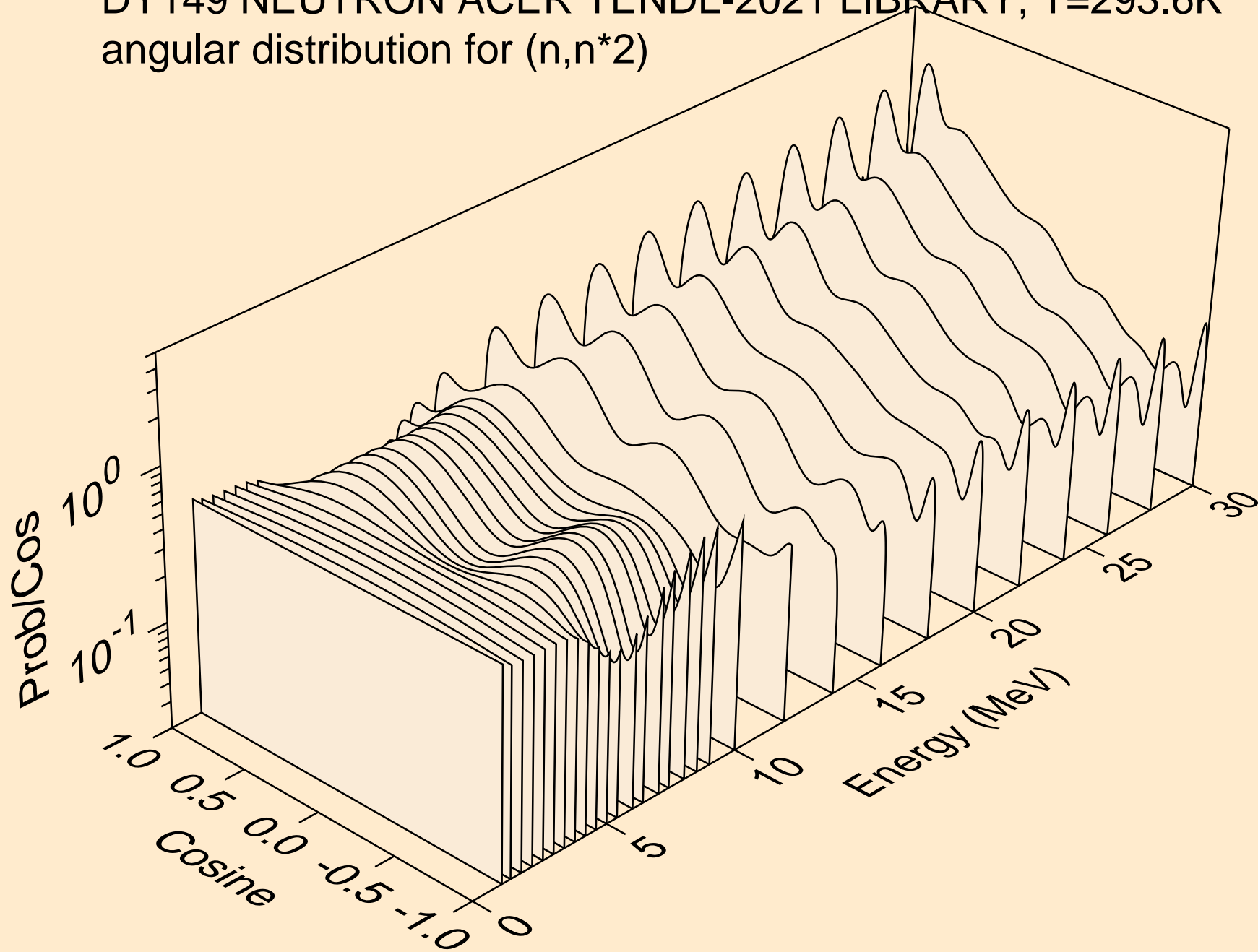




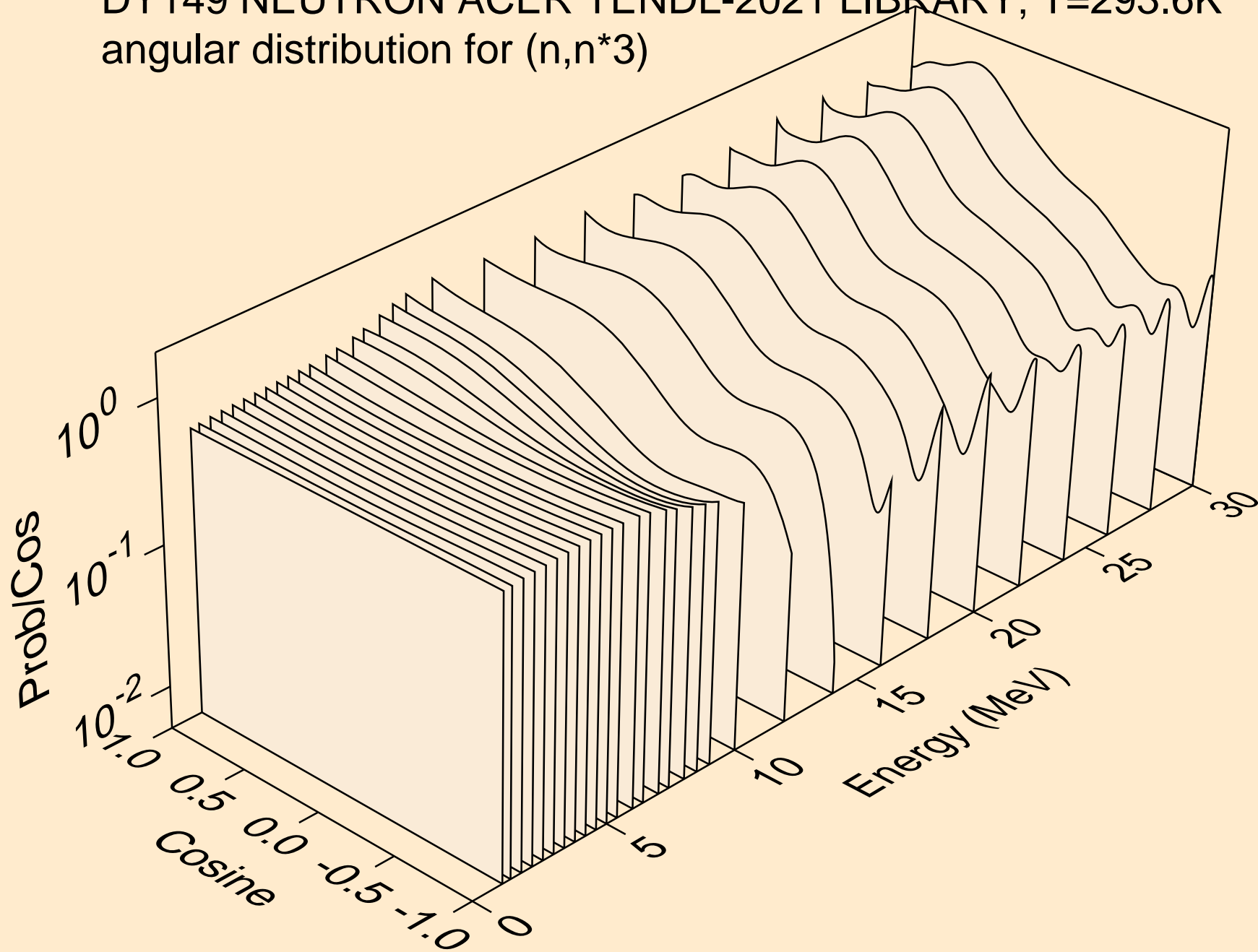
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



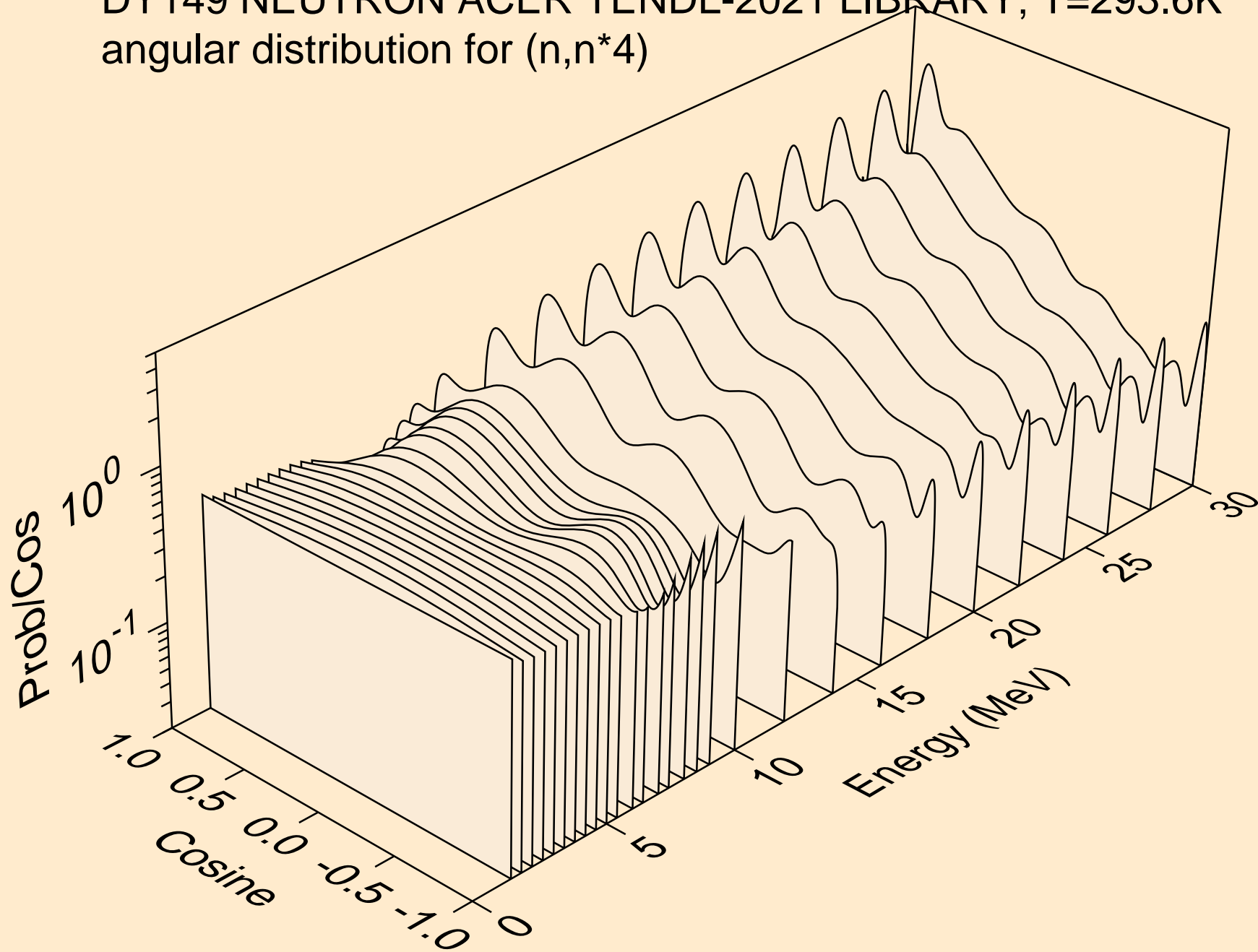
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



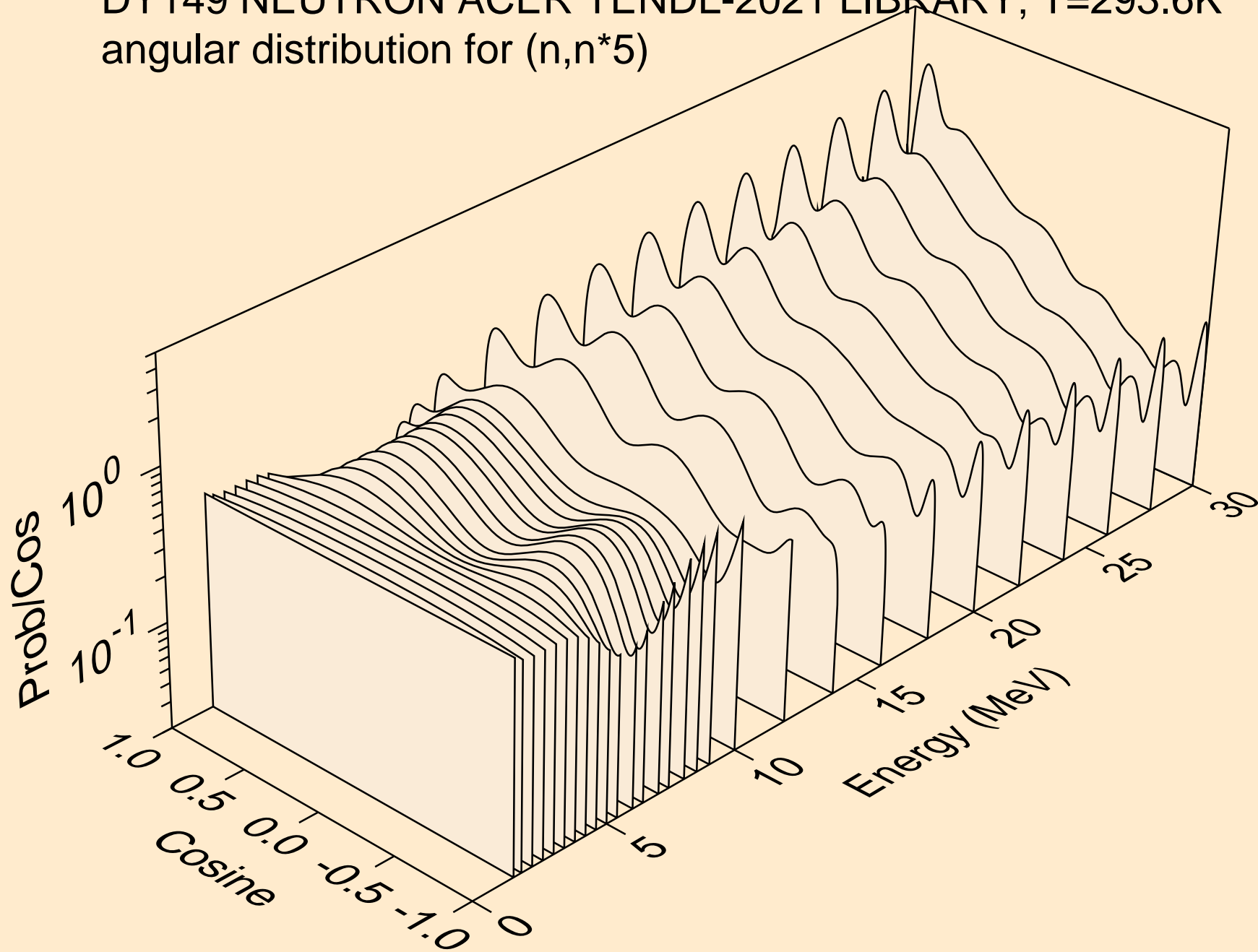
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



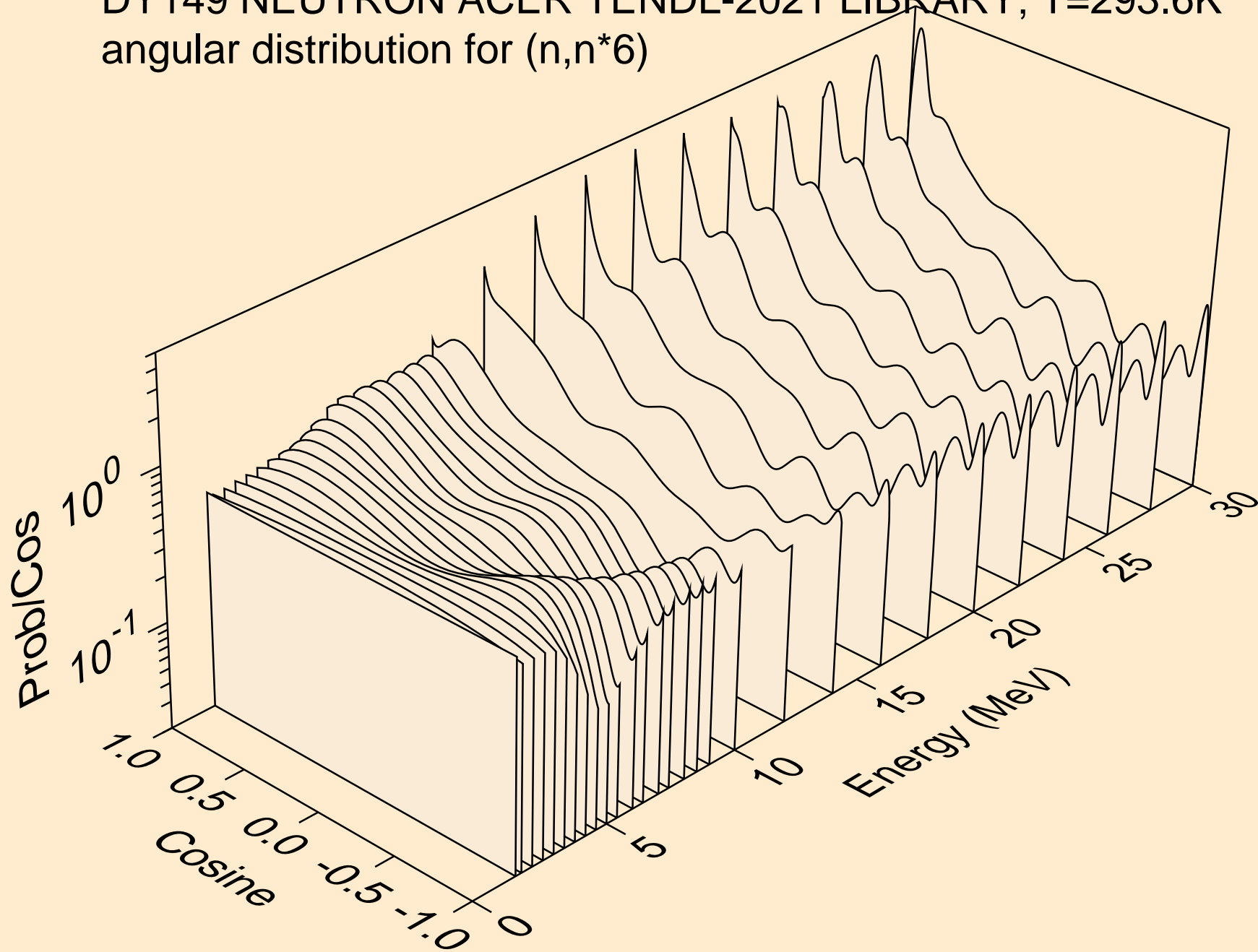
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



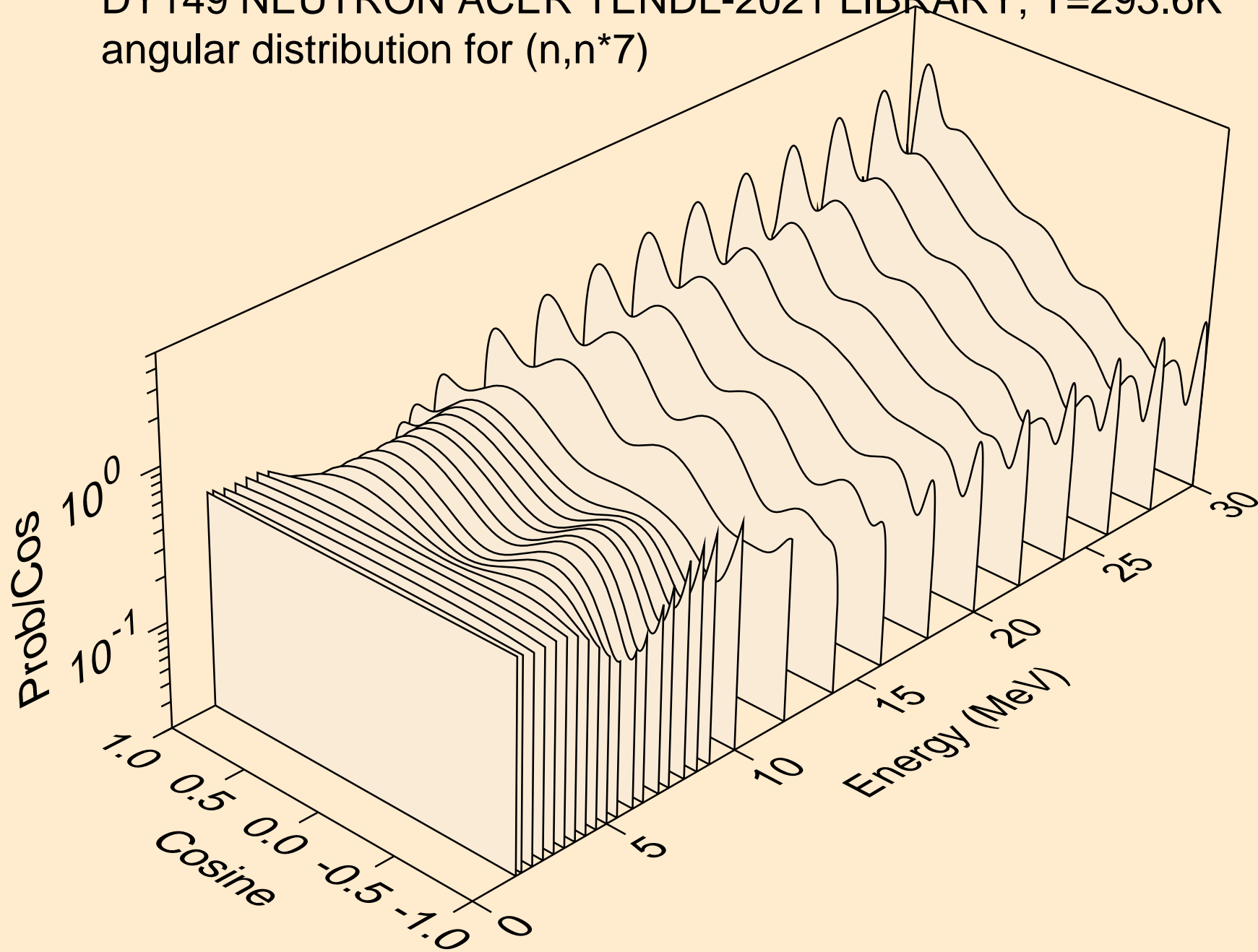
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



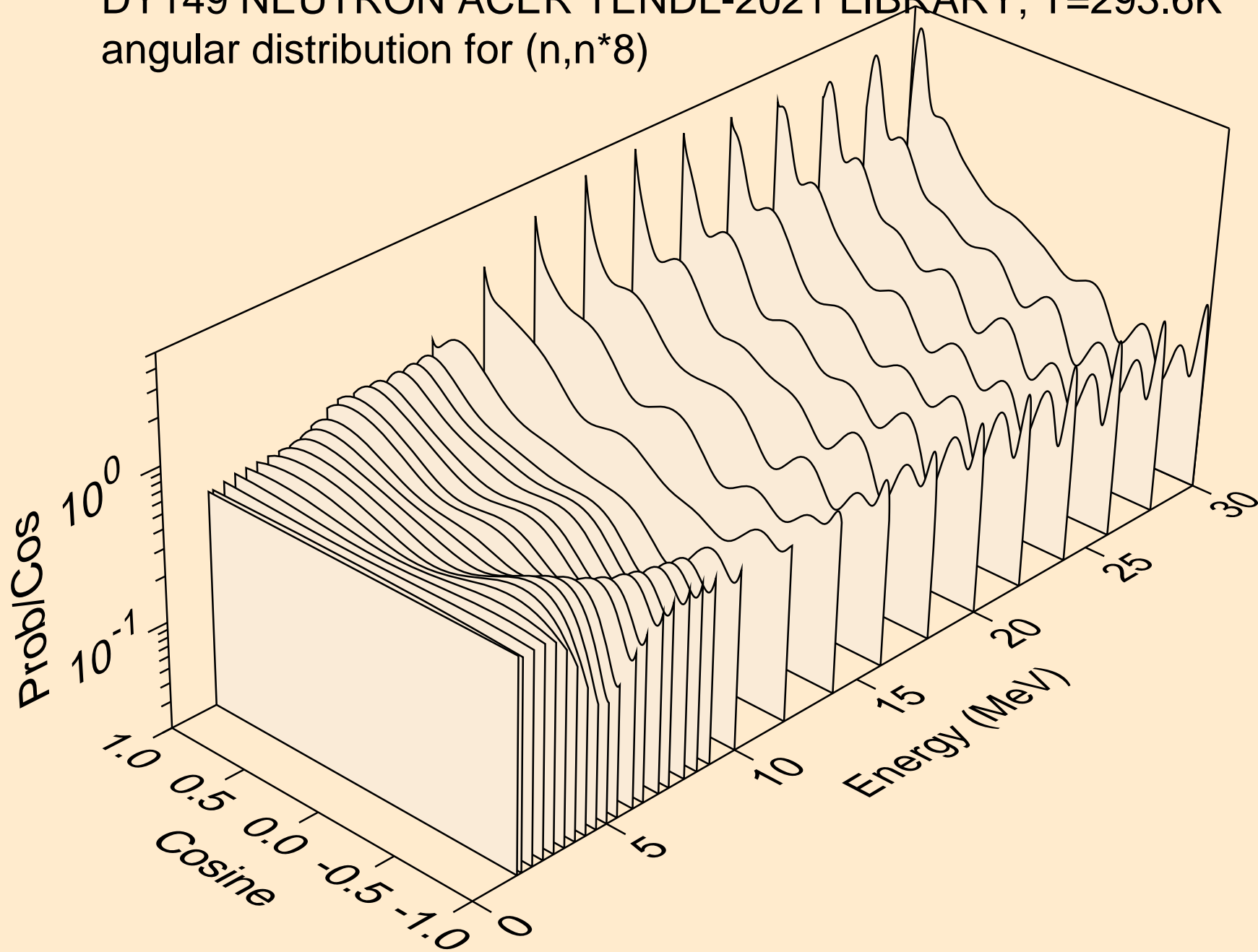
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

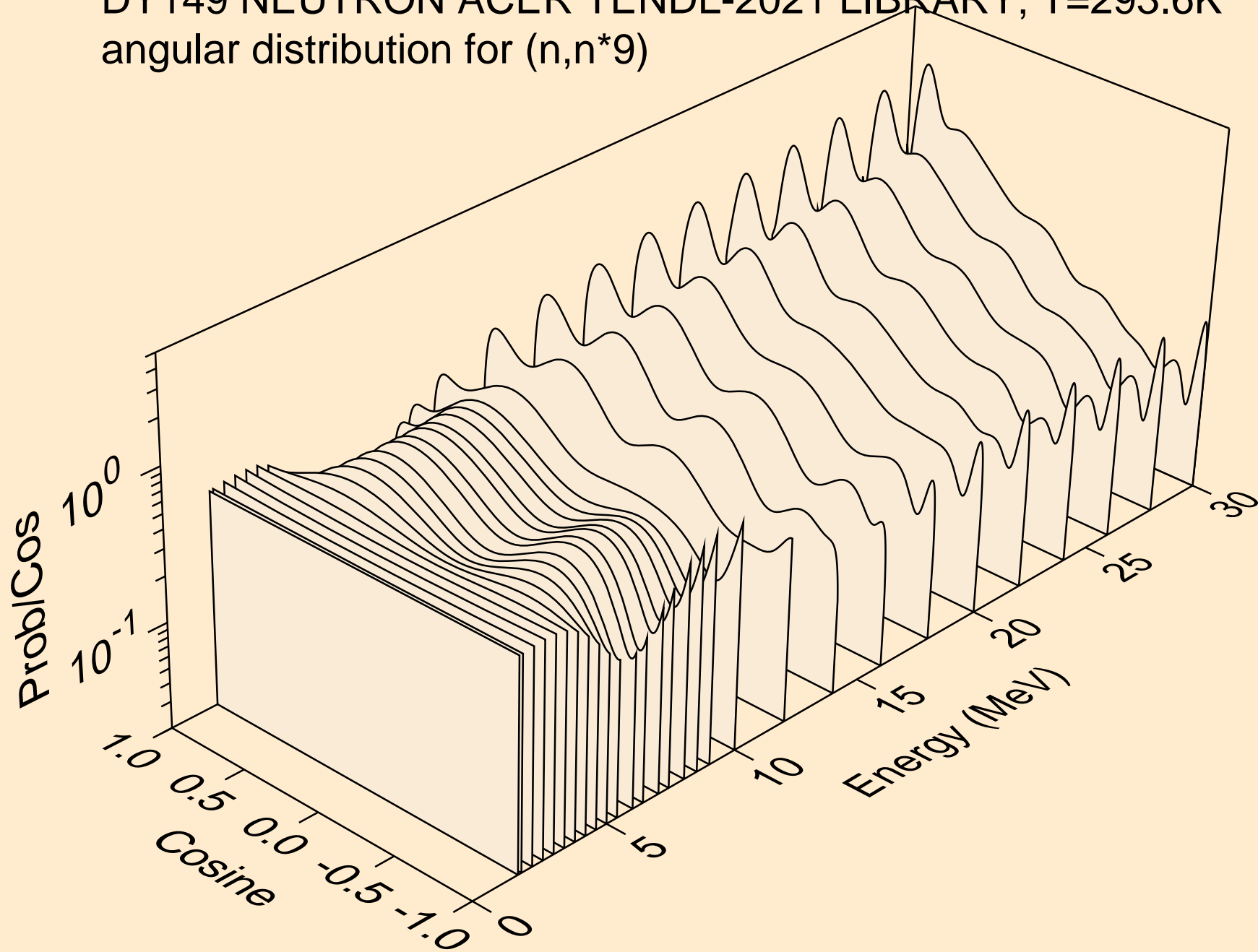


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

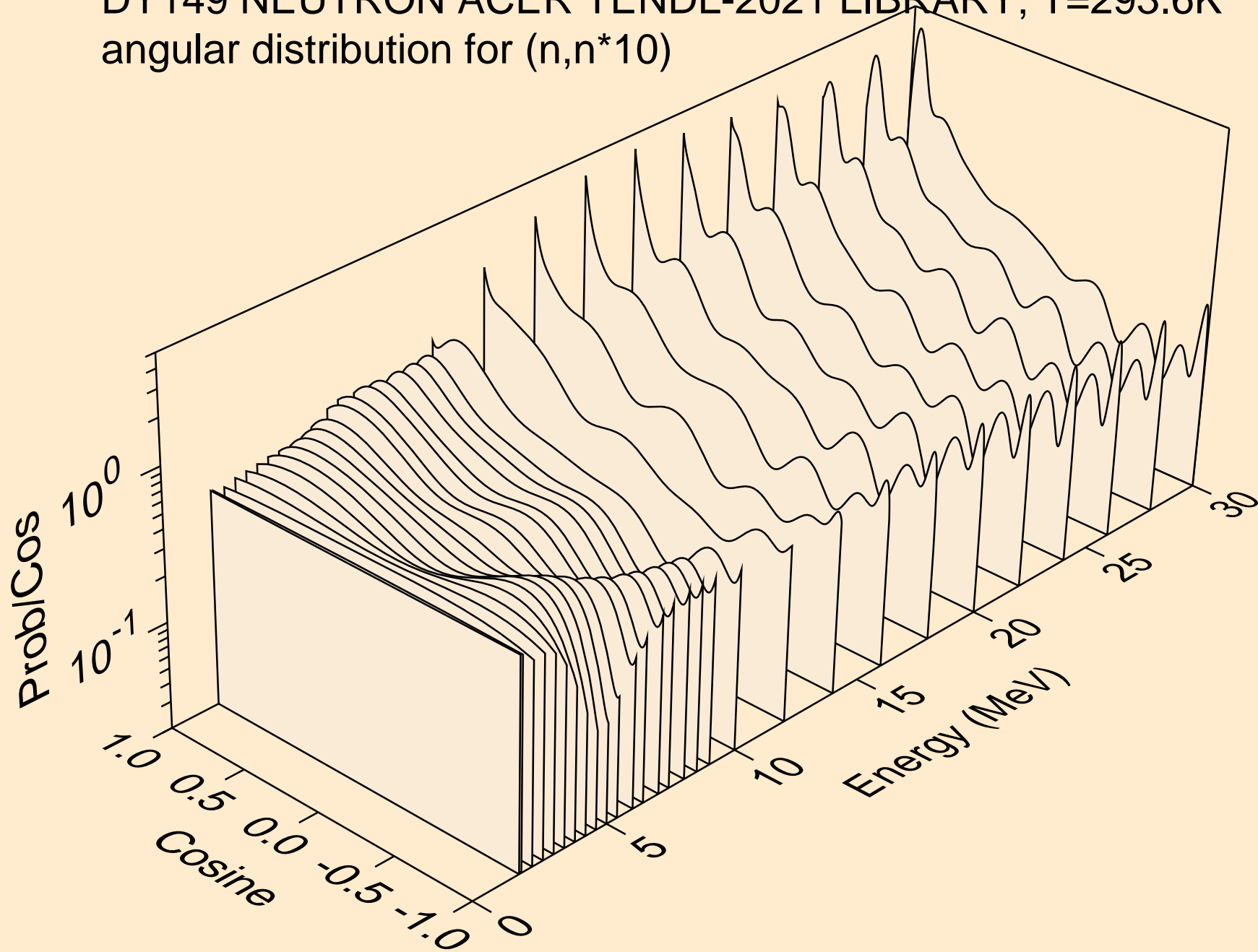




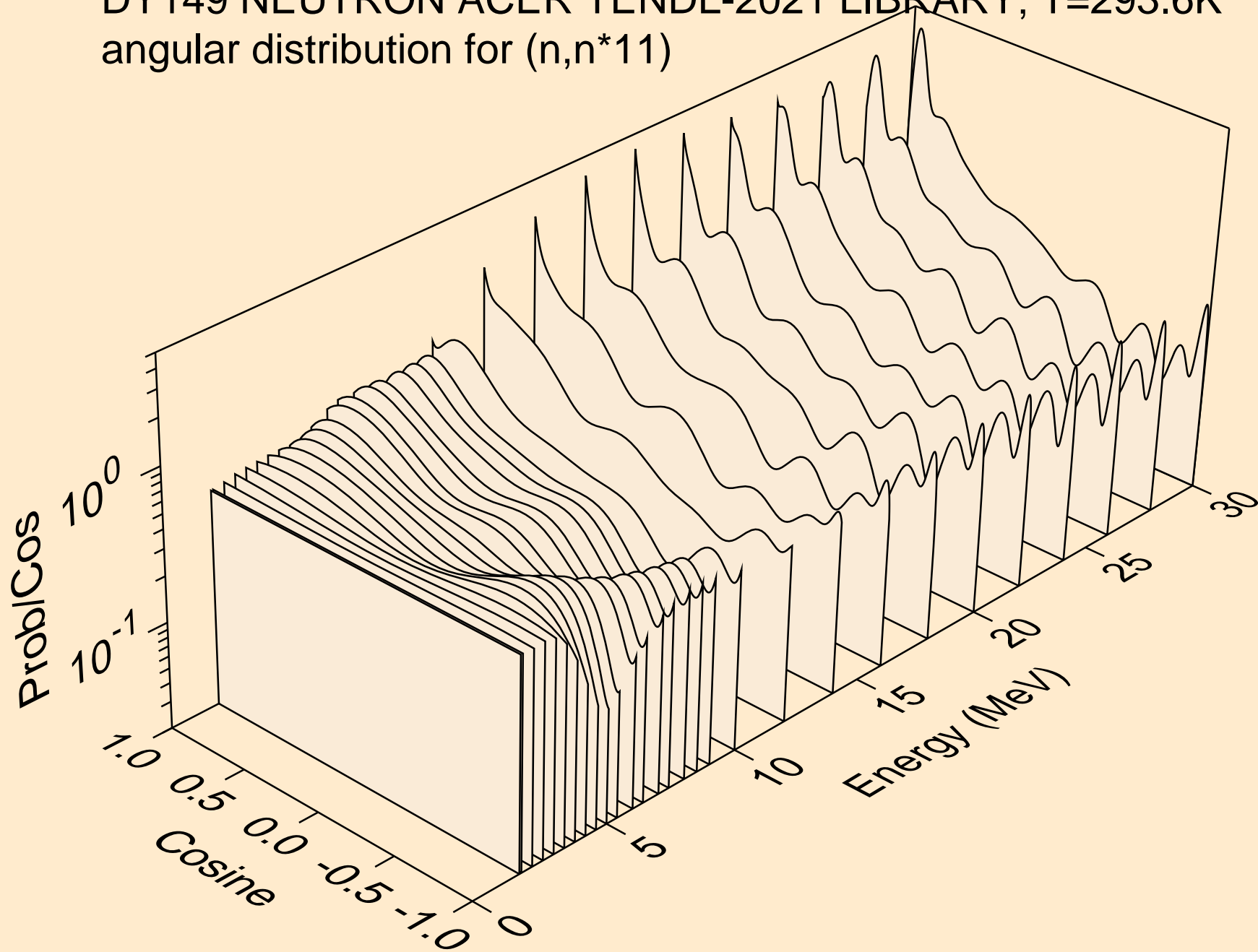
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



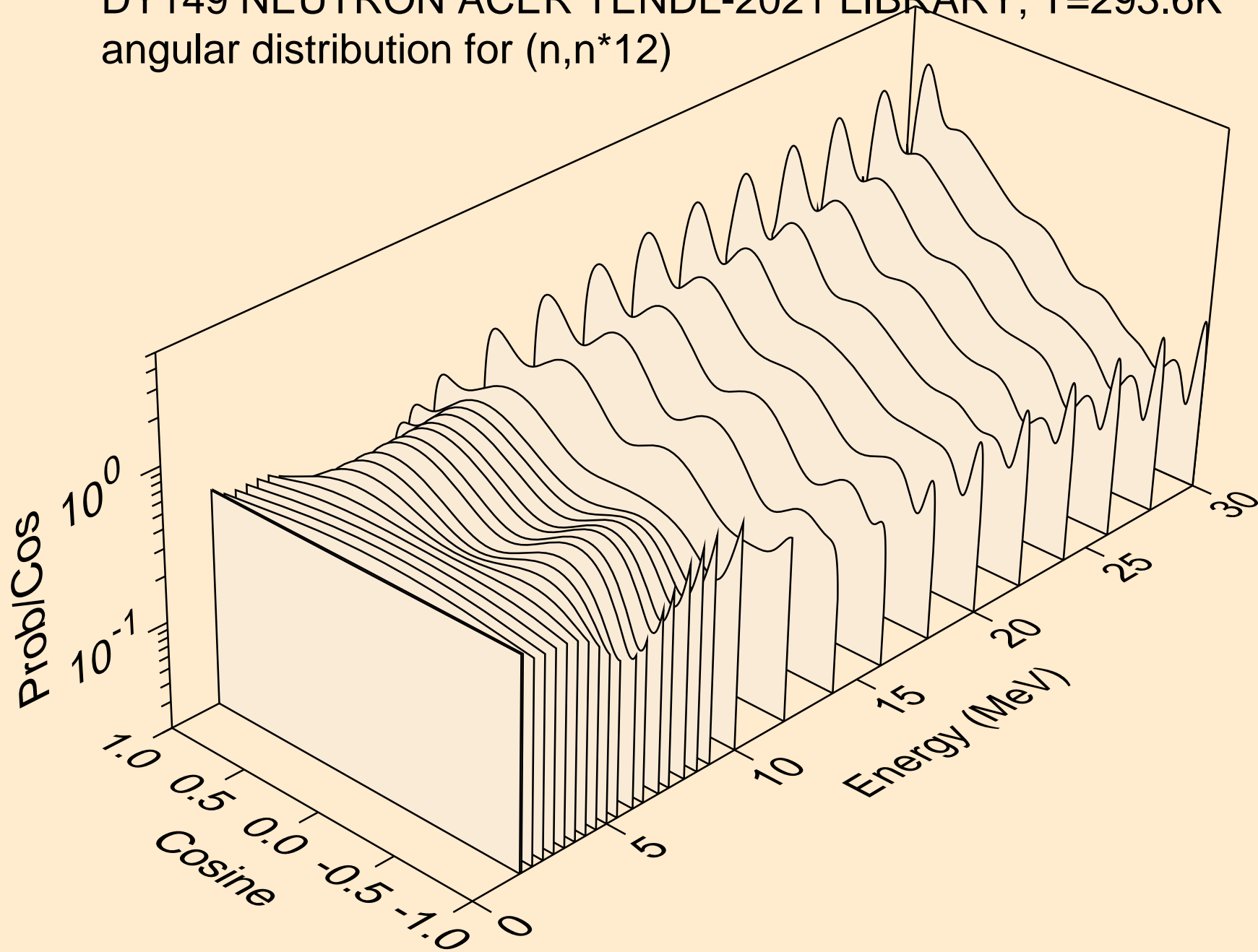
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



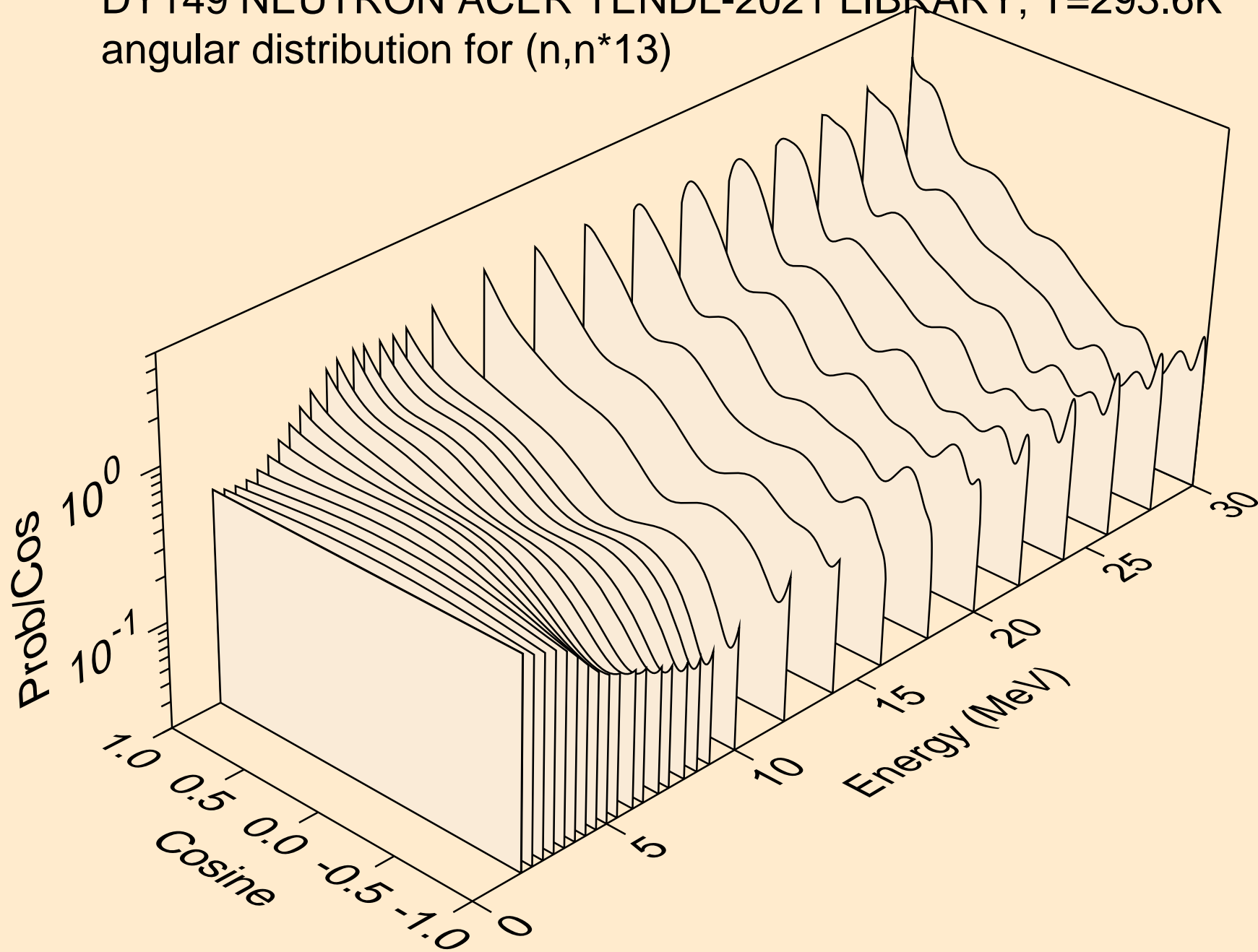
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



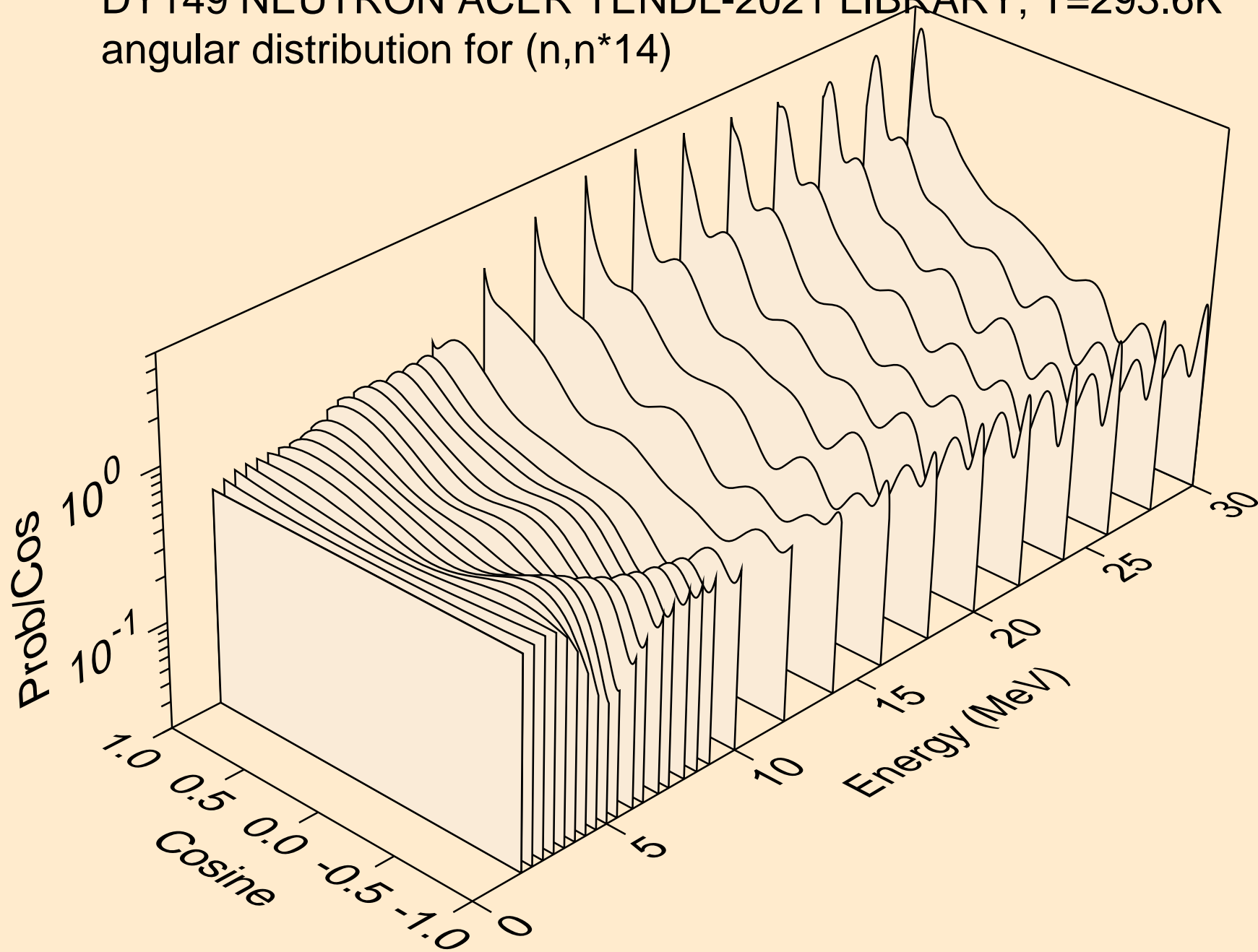
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



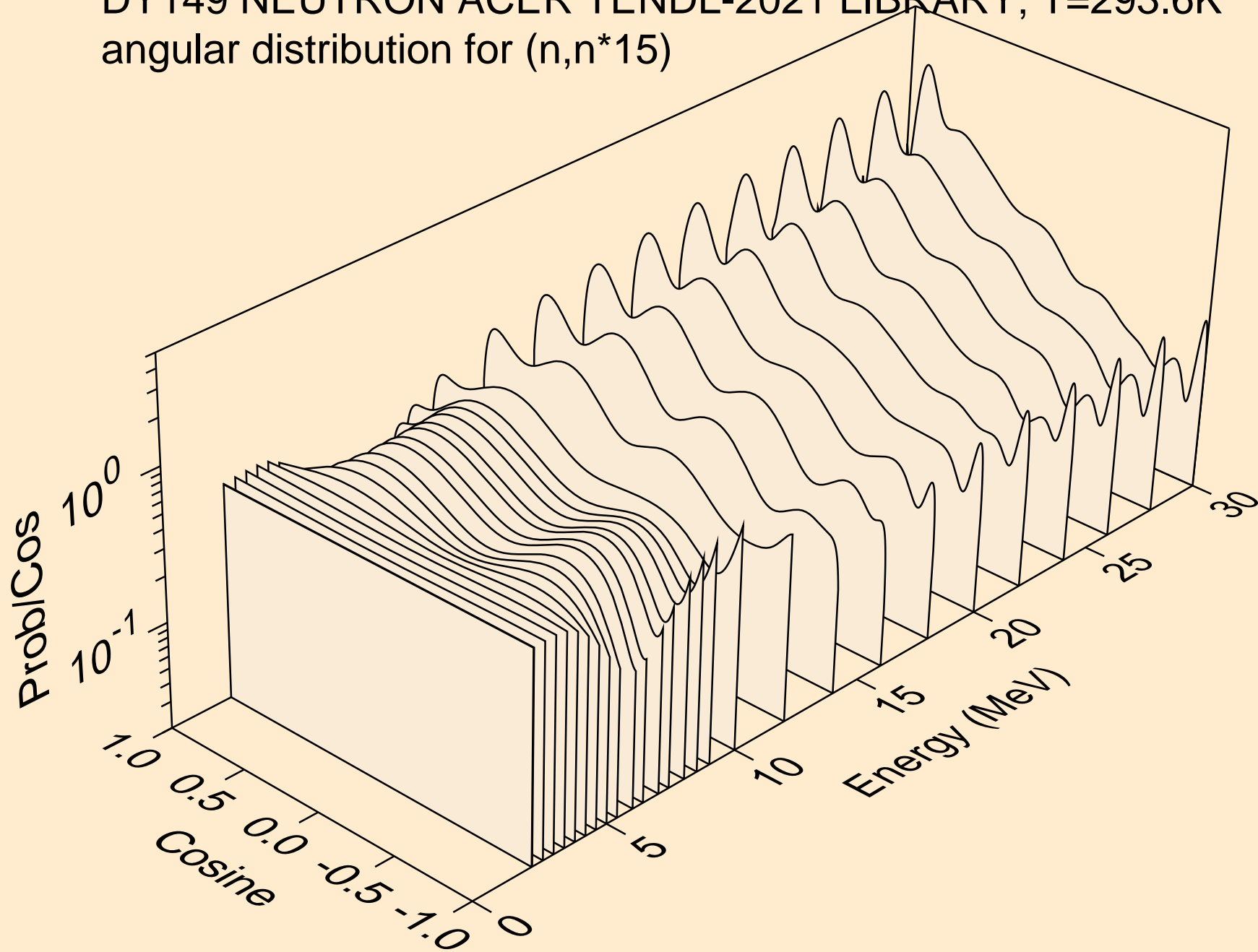
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



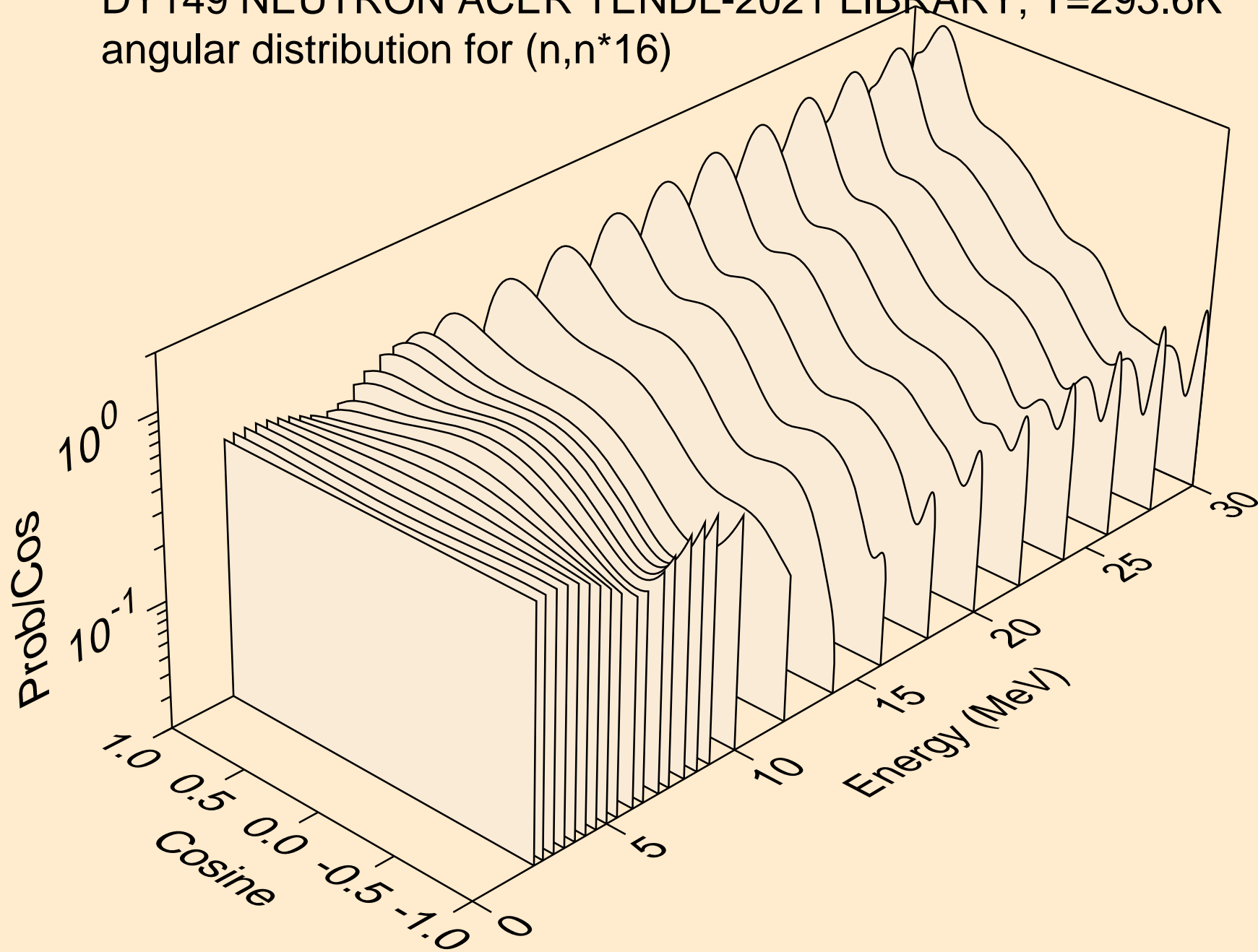
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

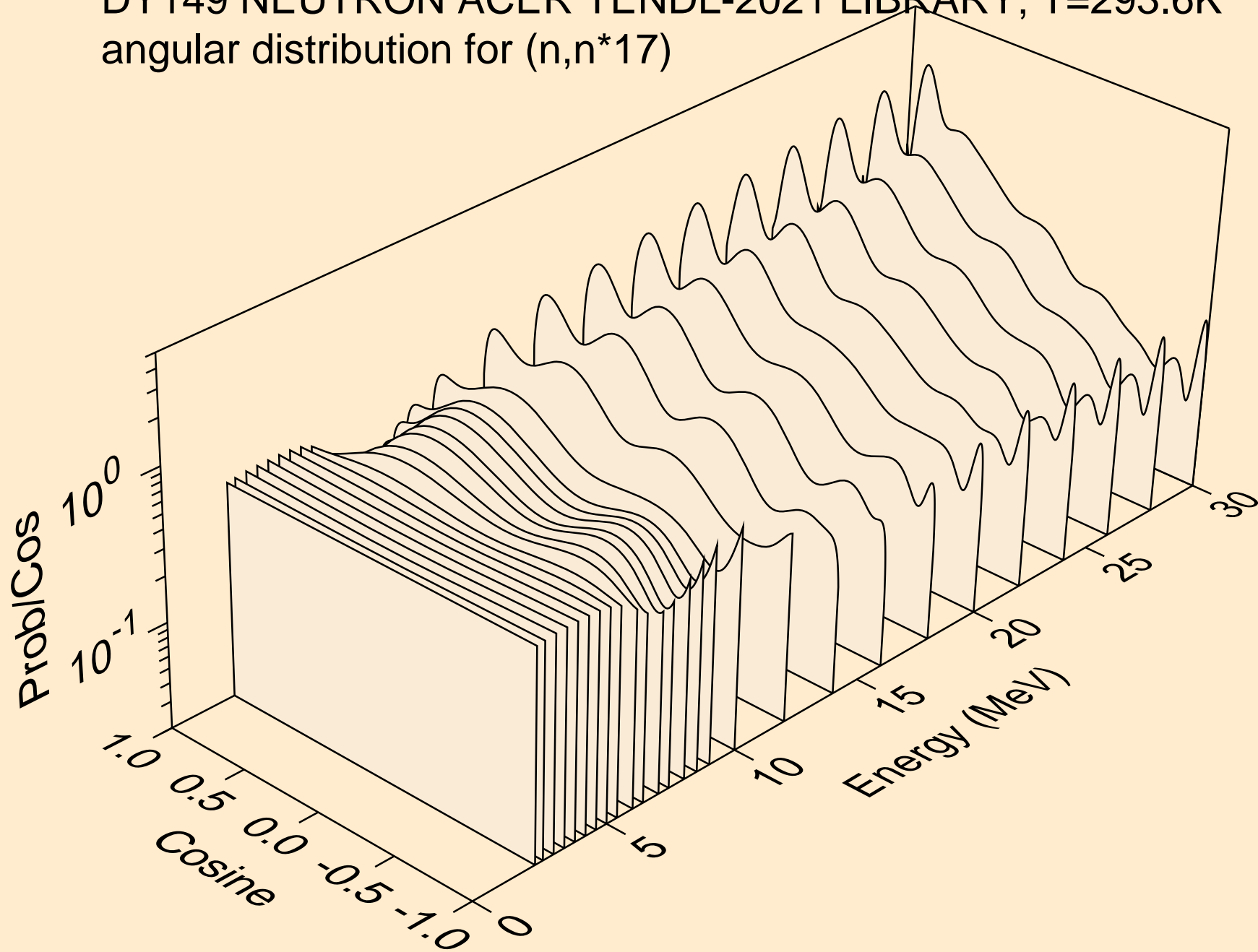


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

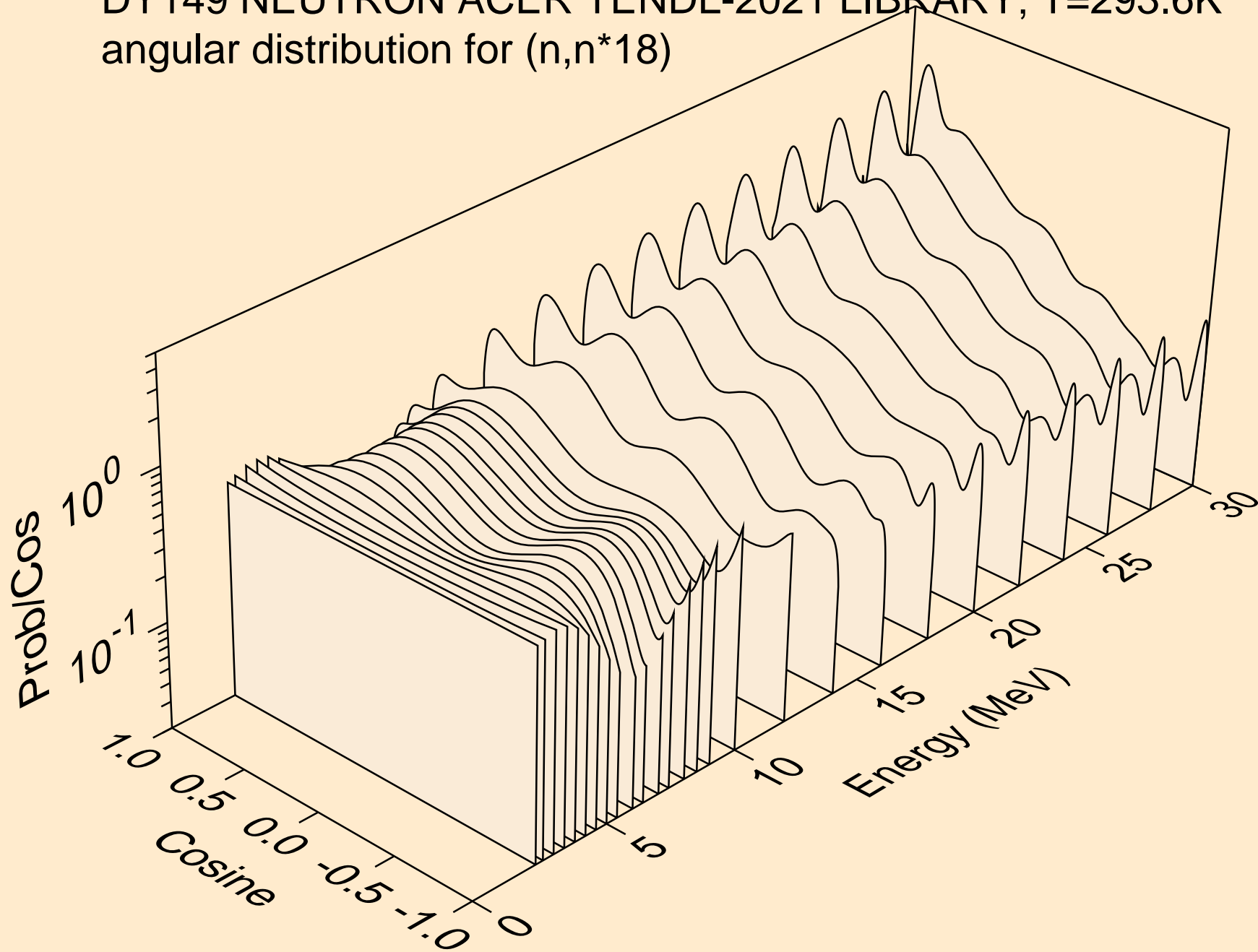




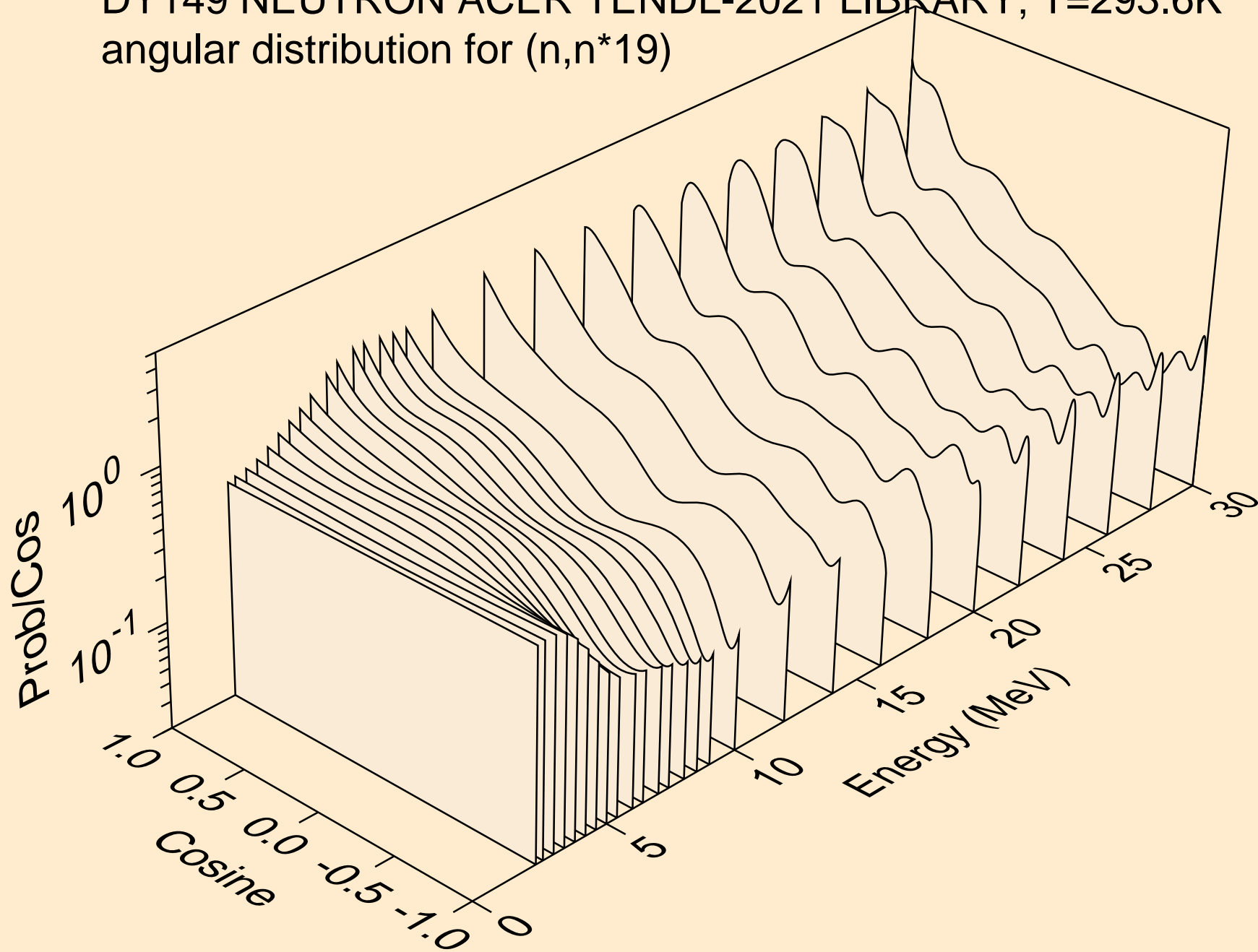
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



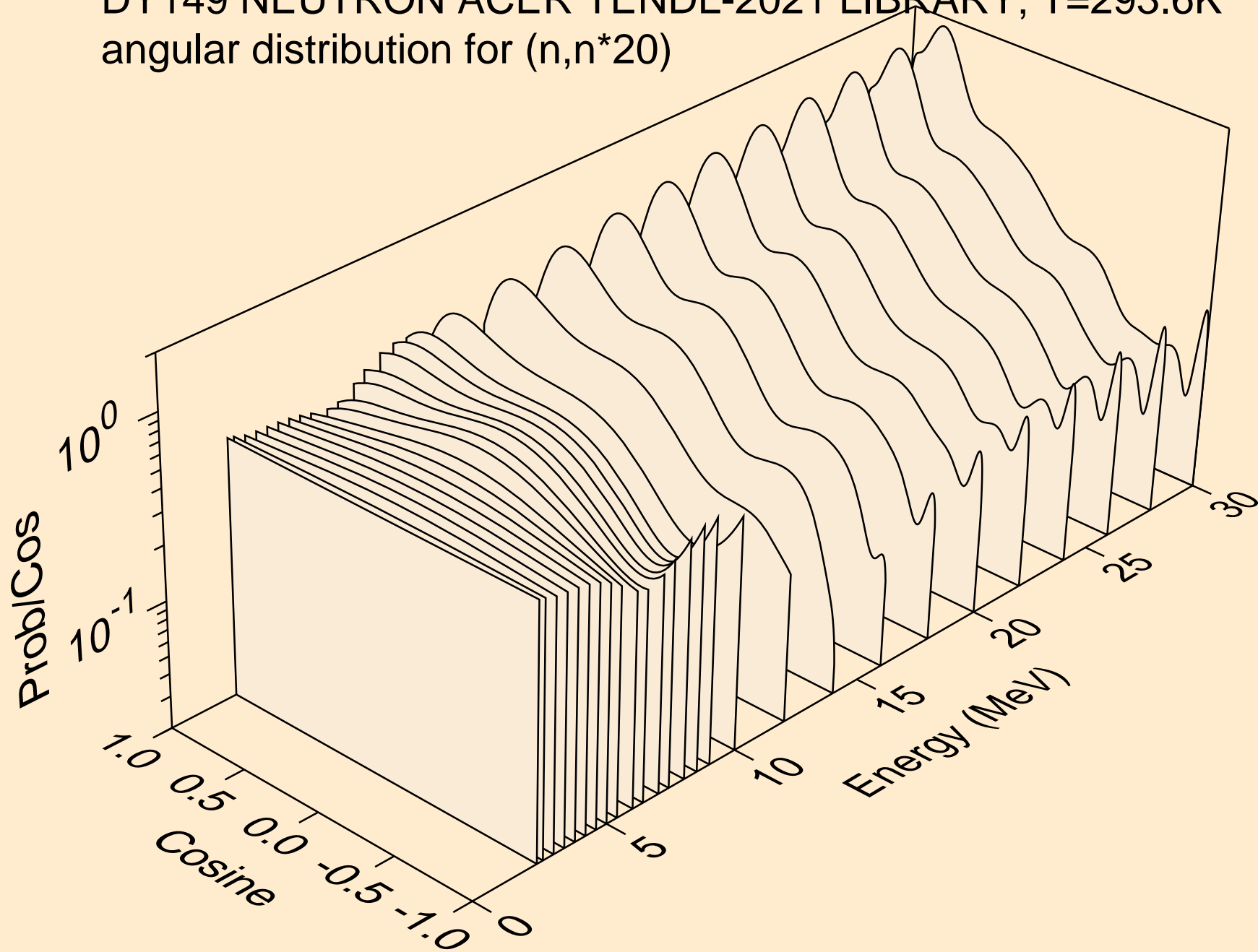
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



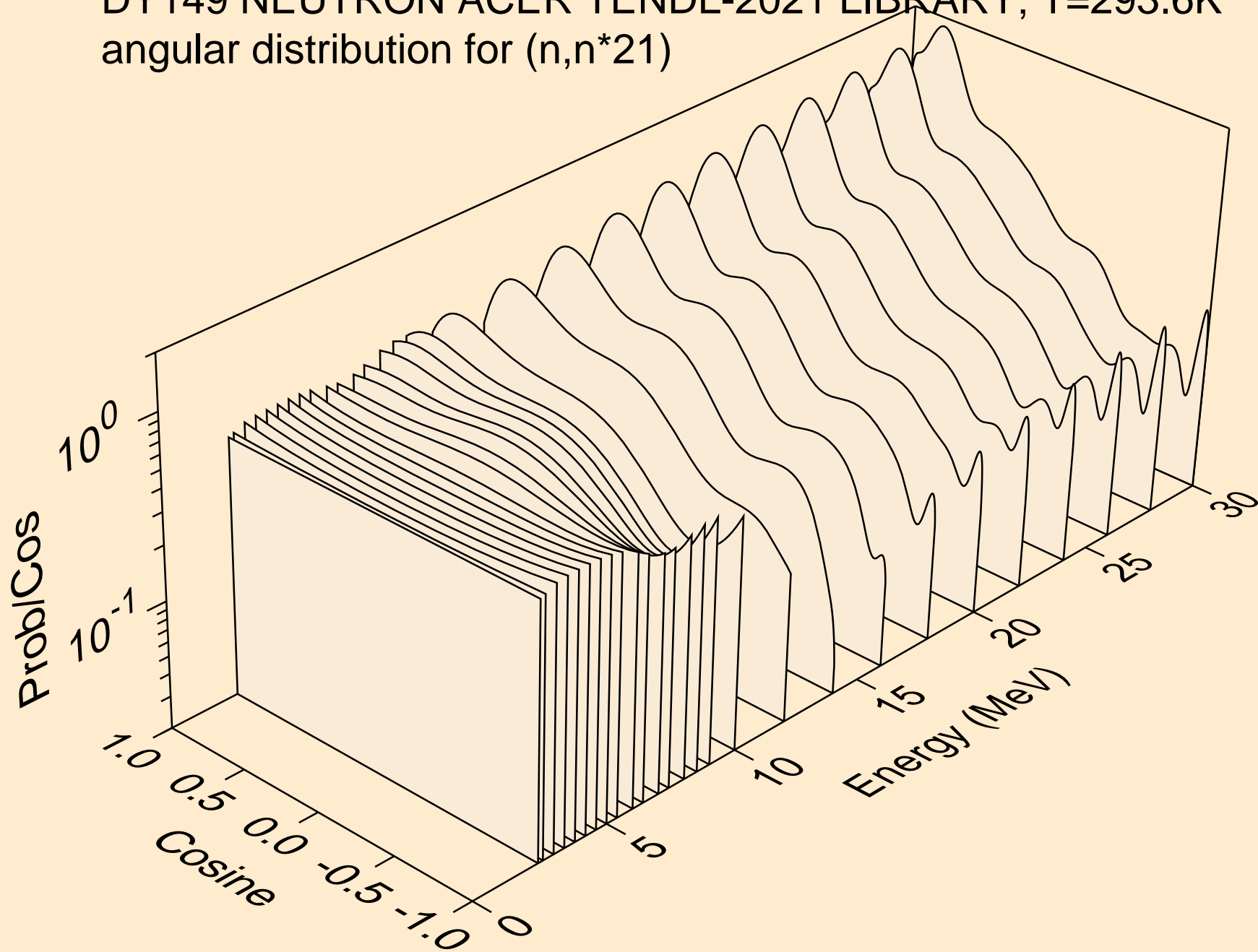
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



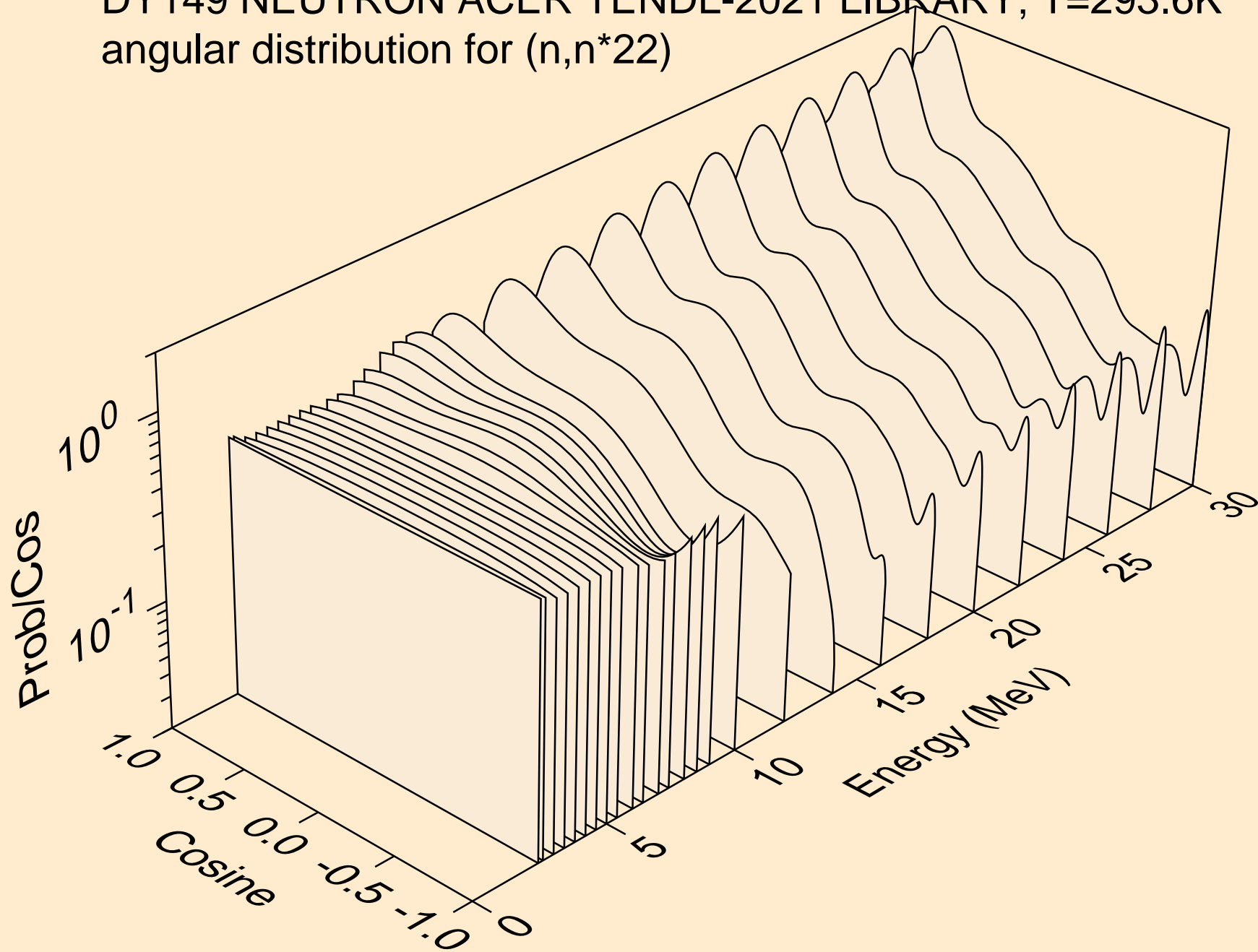
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



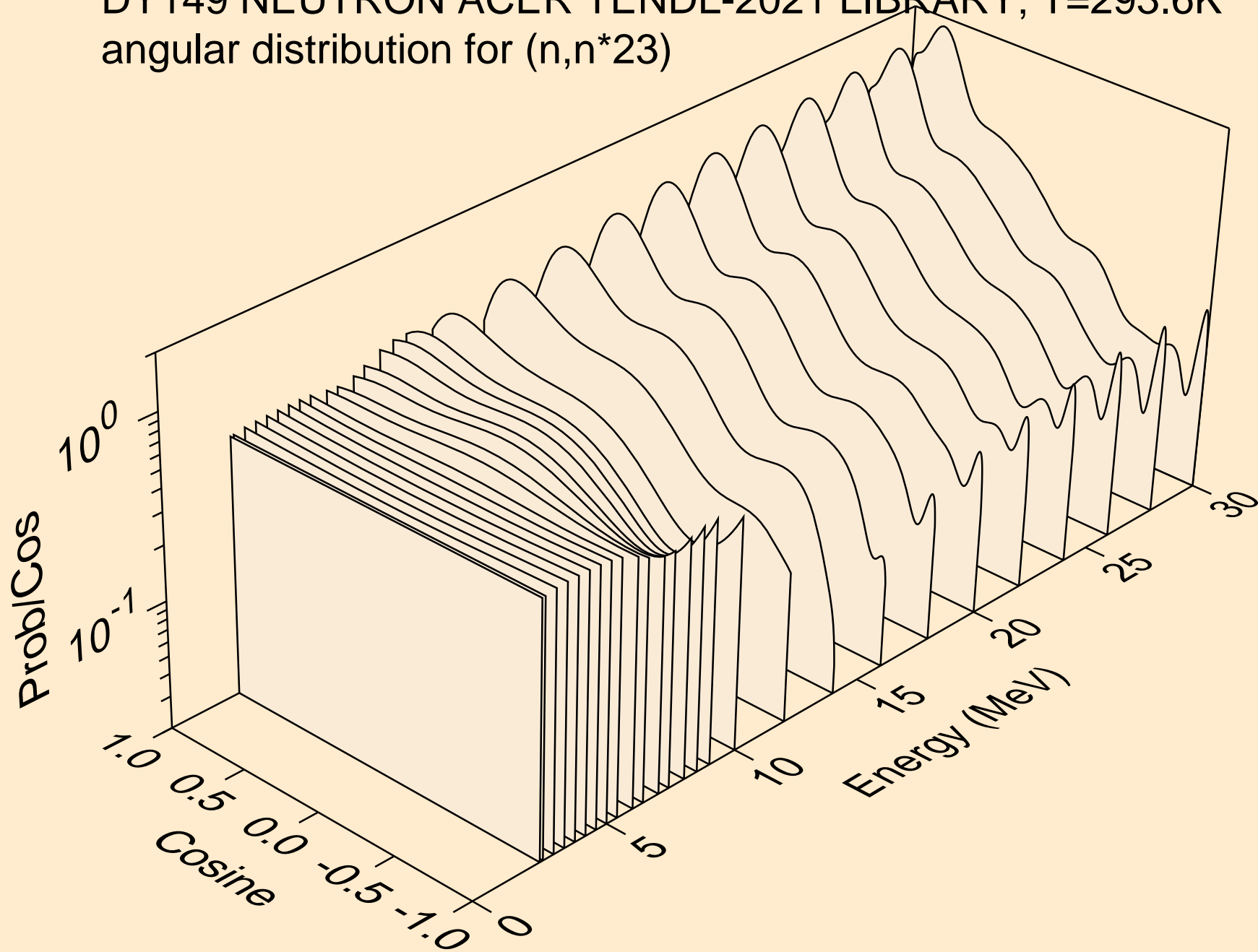
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



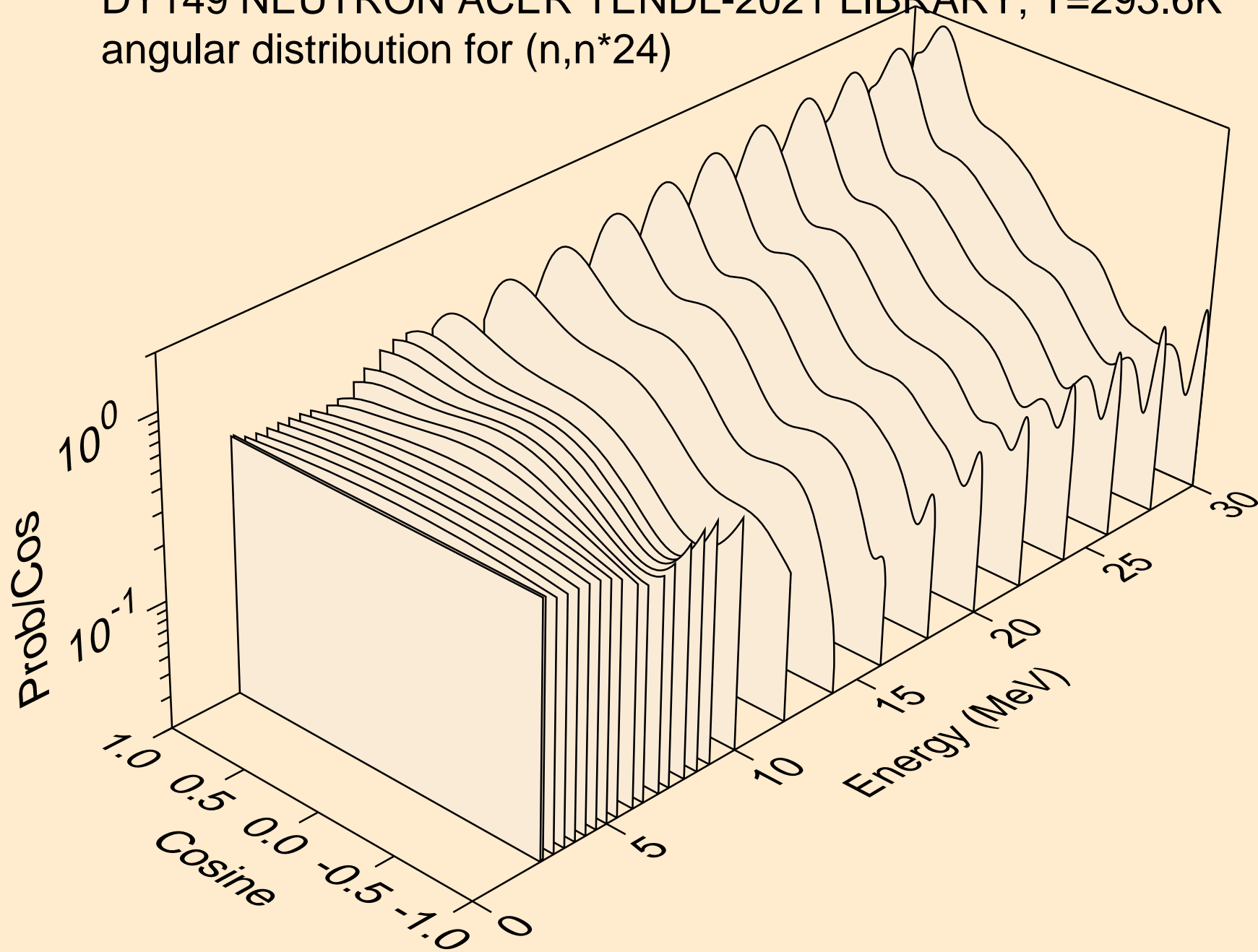
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)

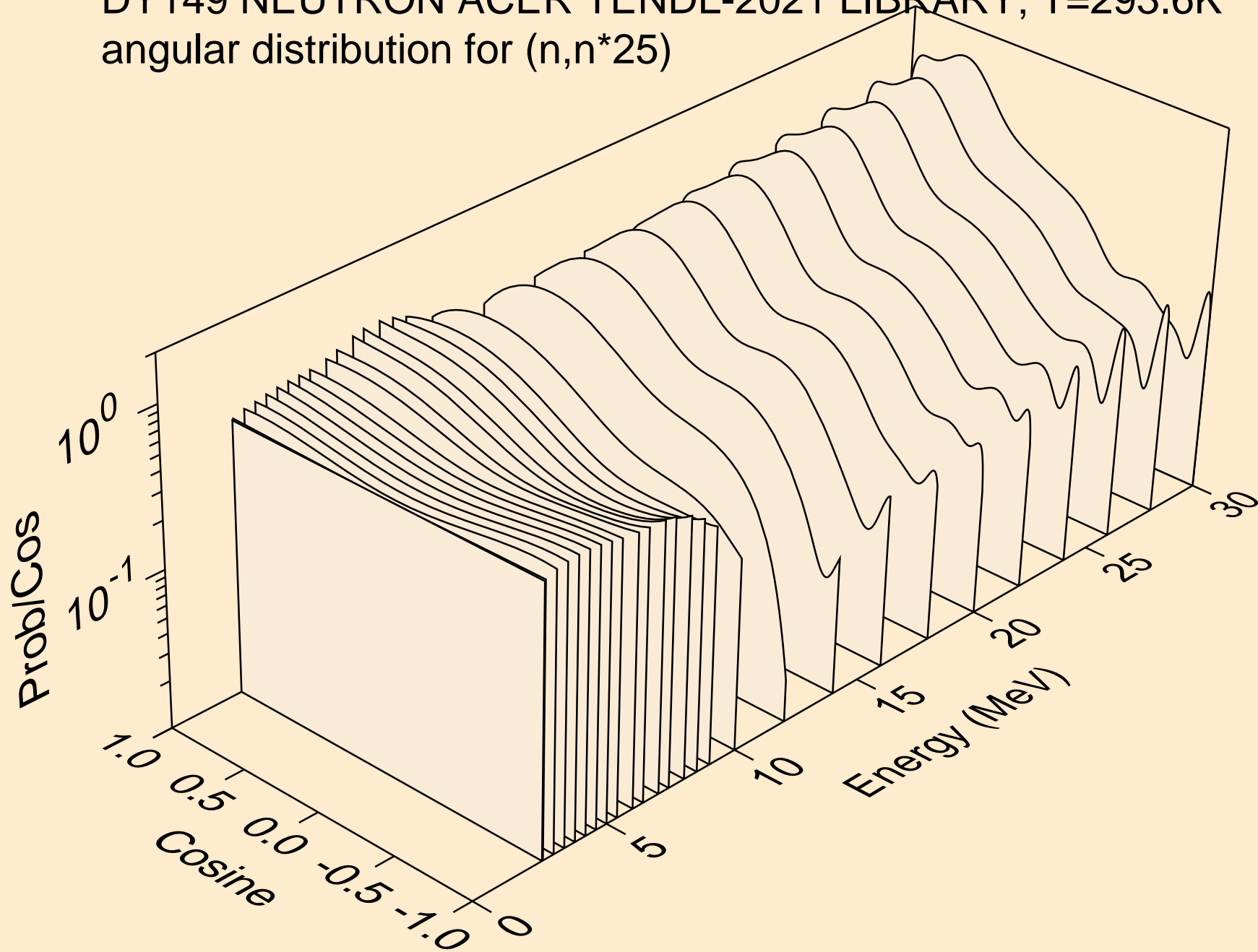


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

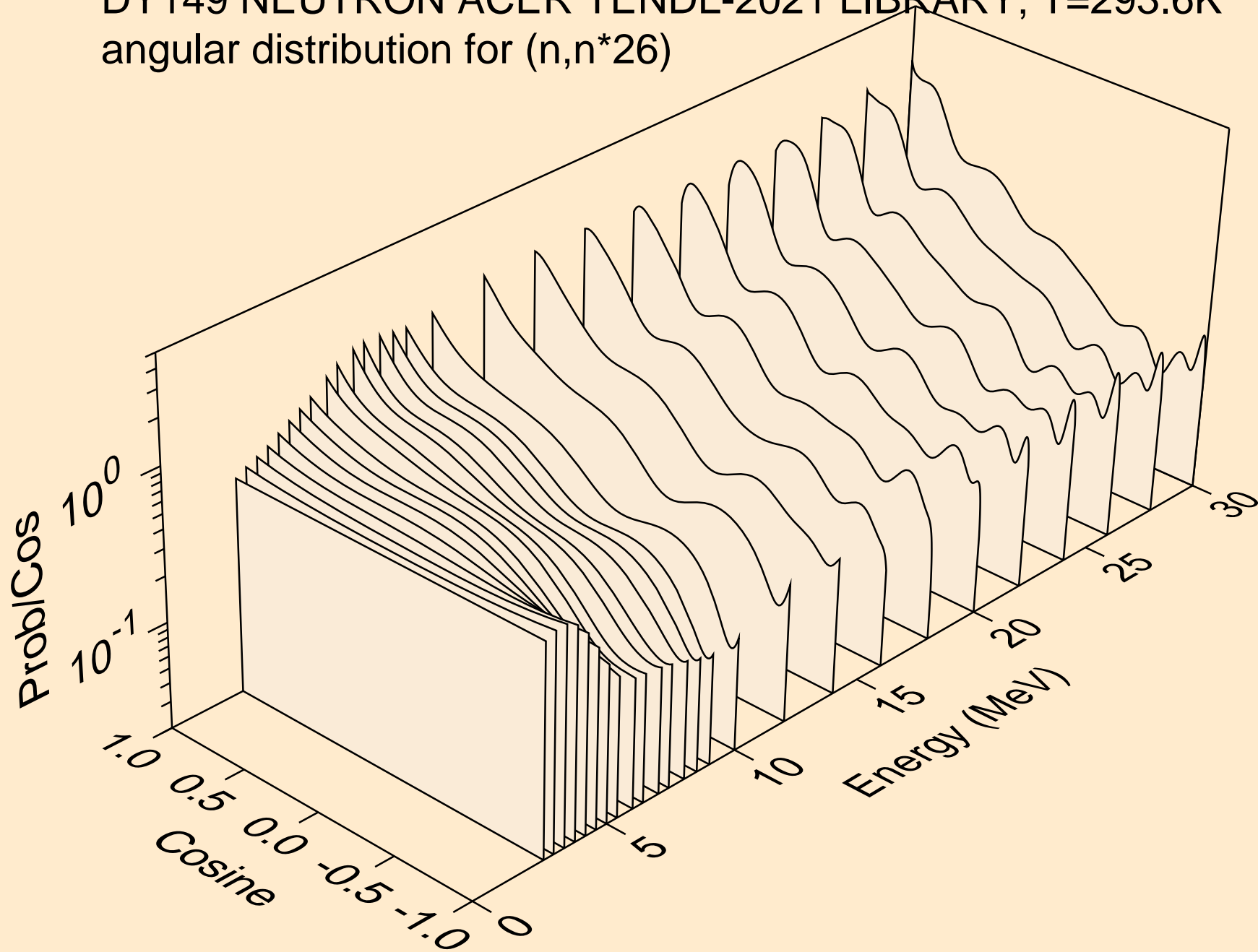




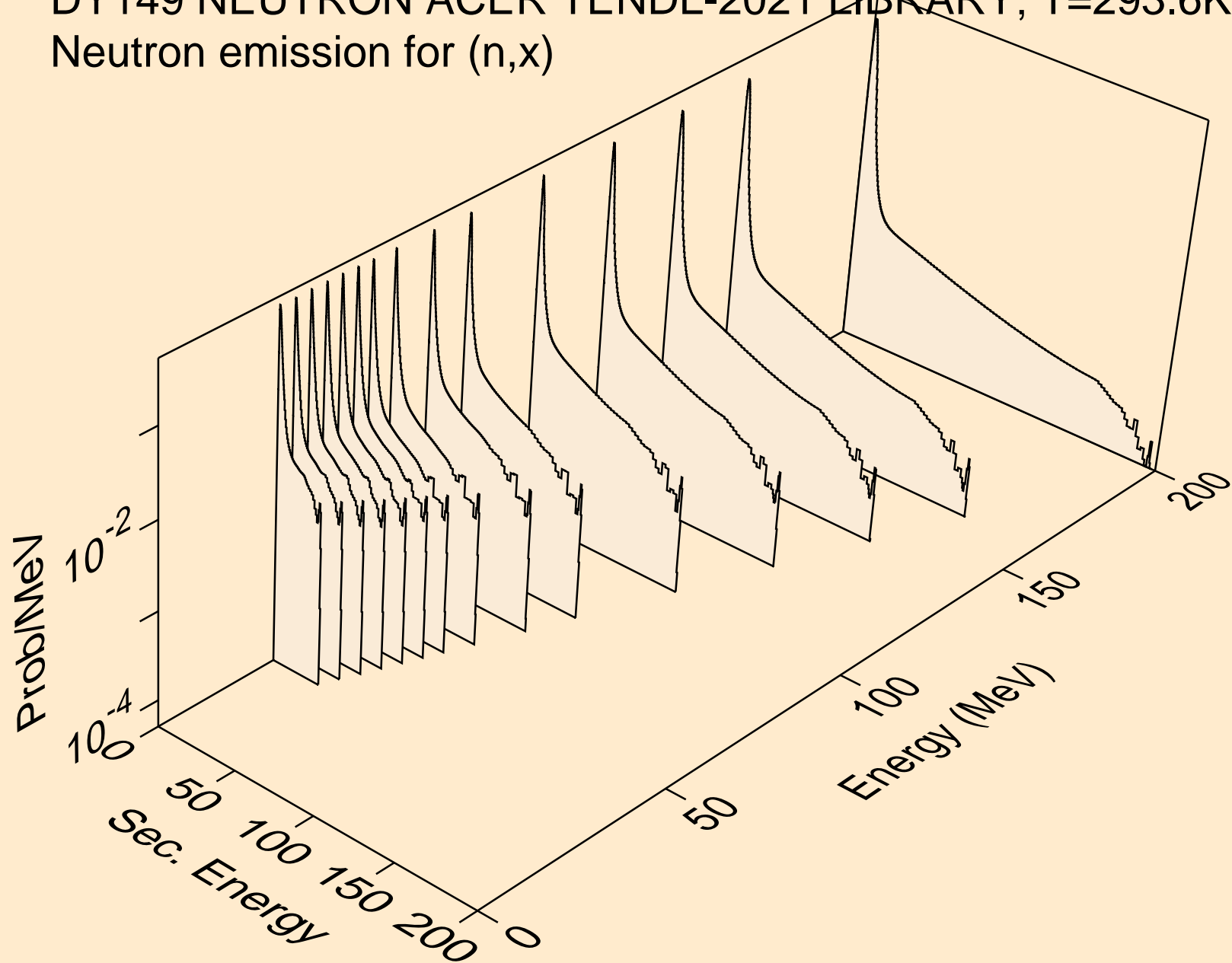
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



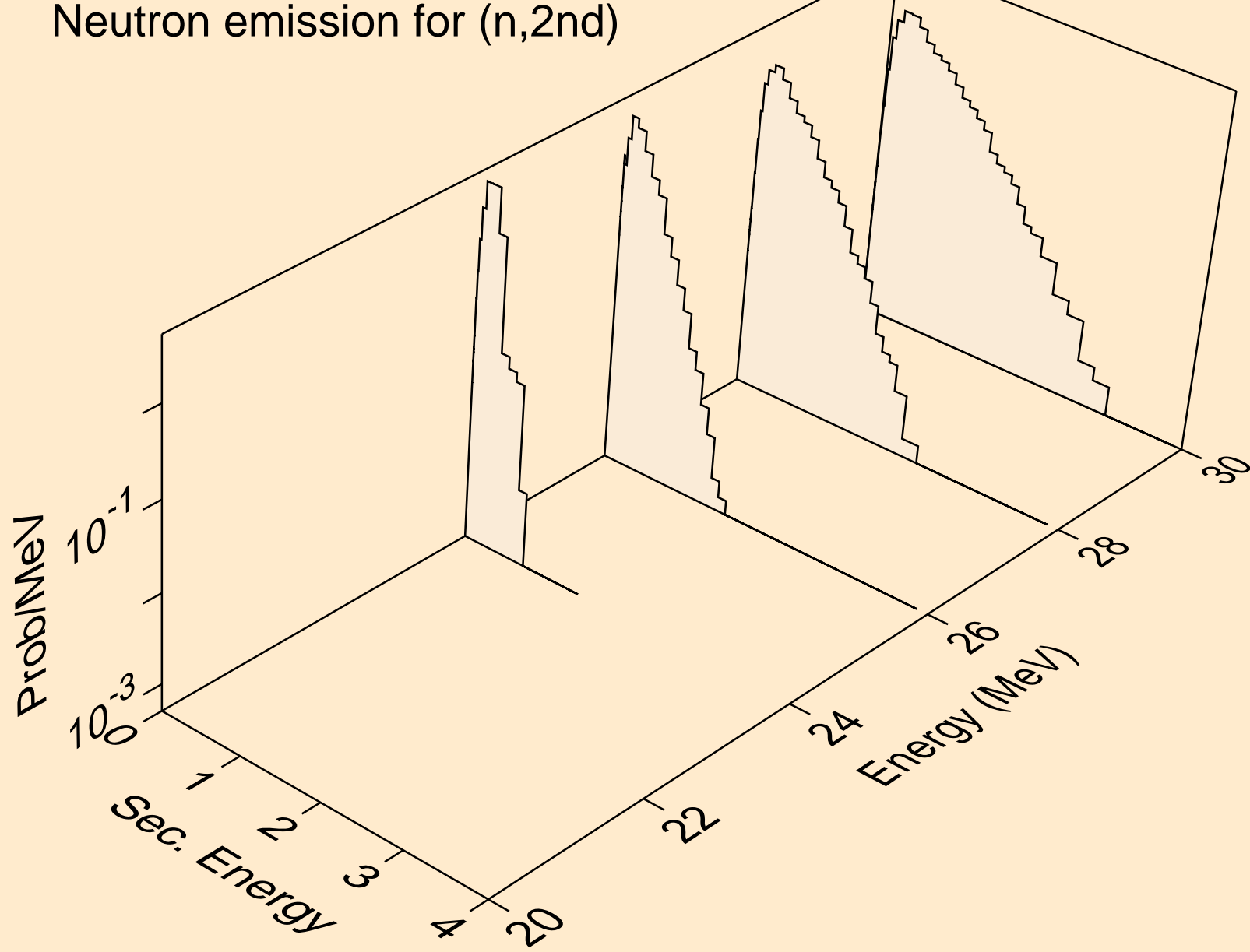
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



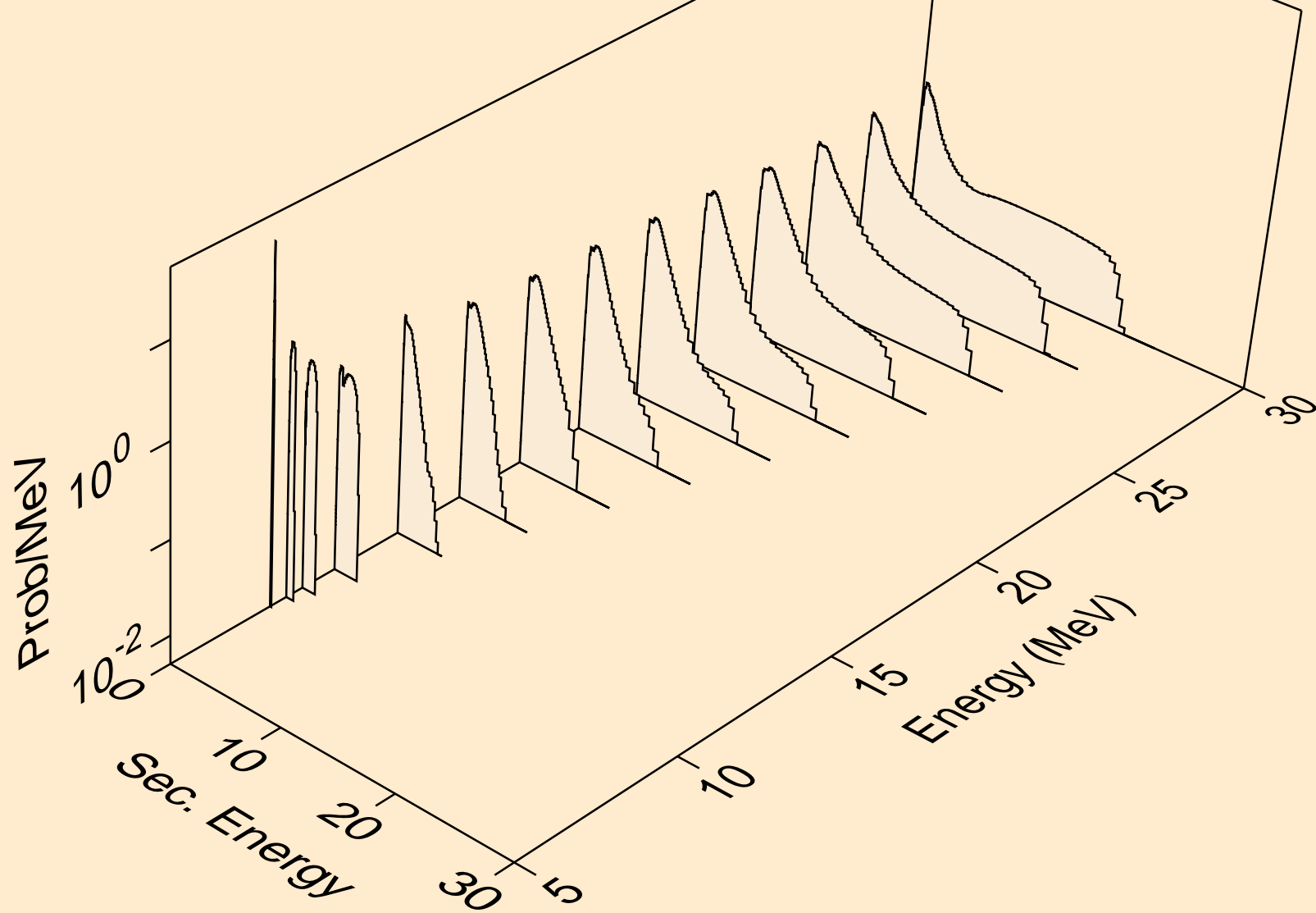
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



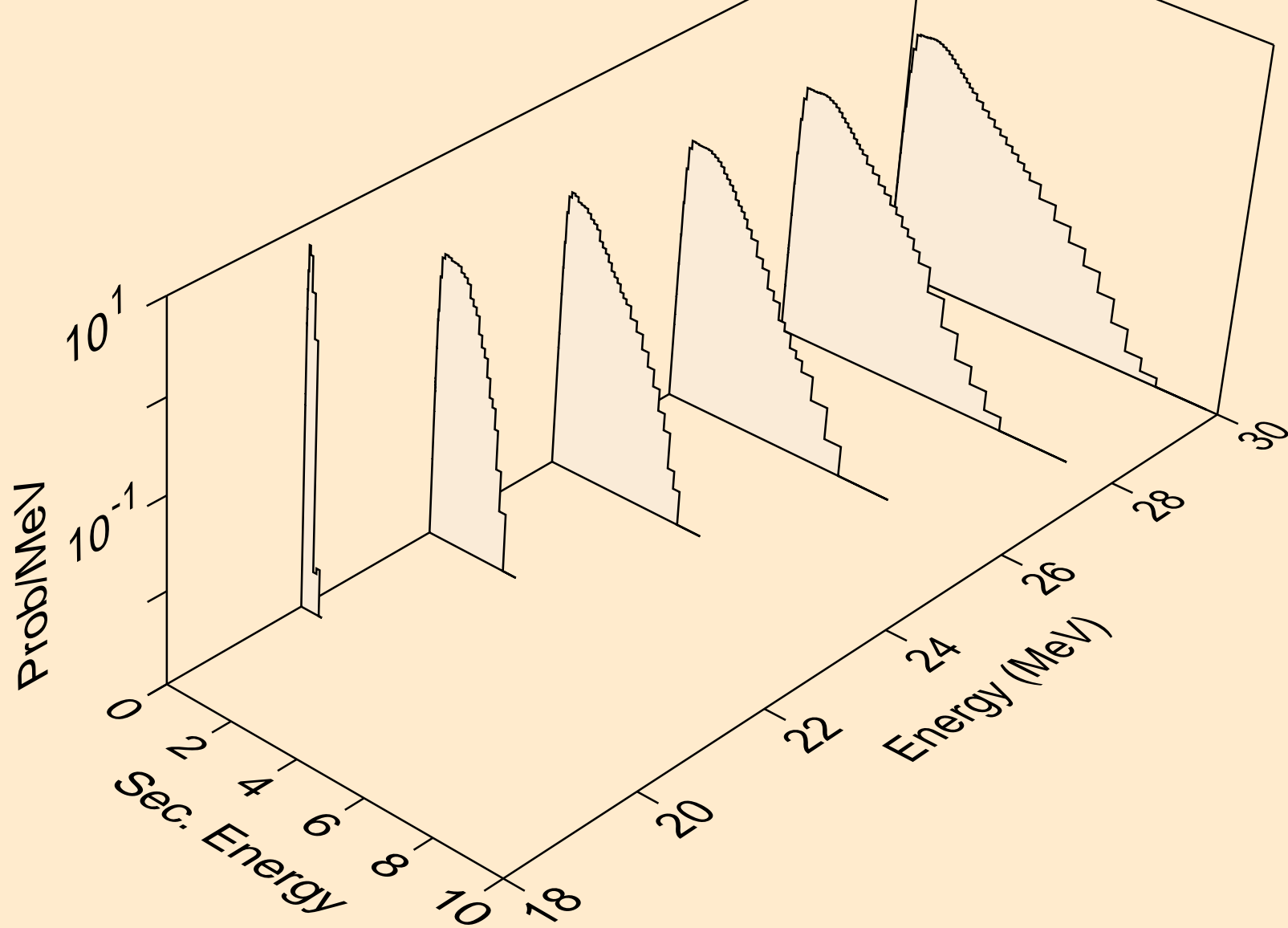
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



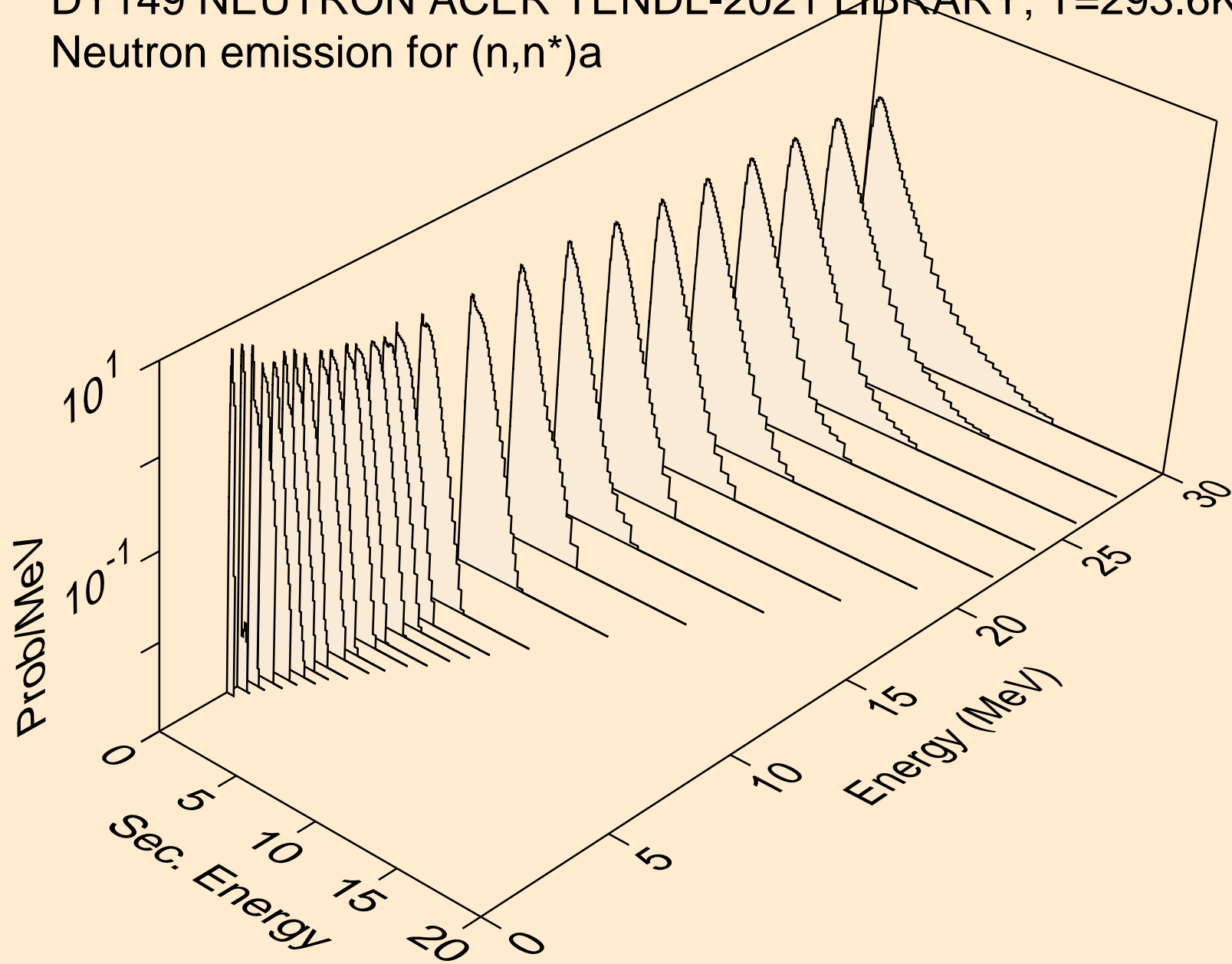
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



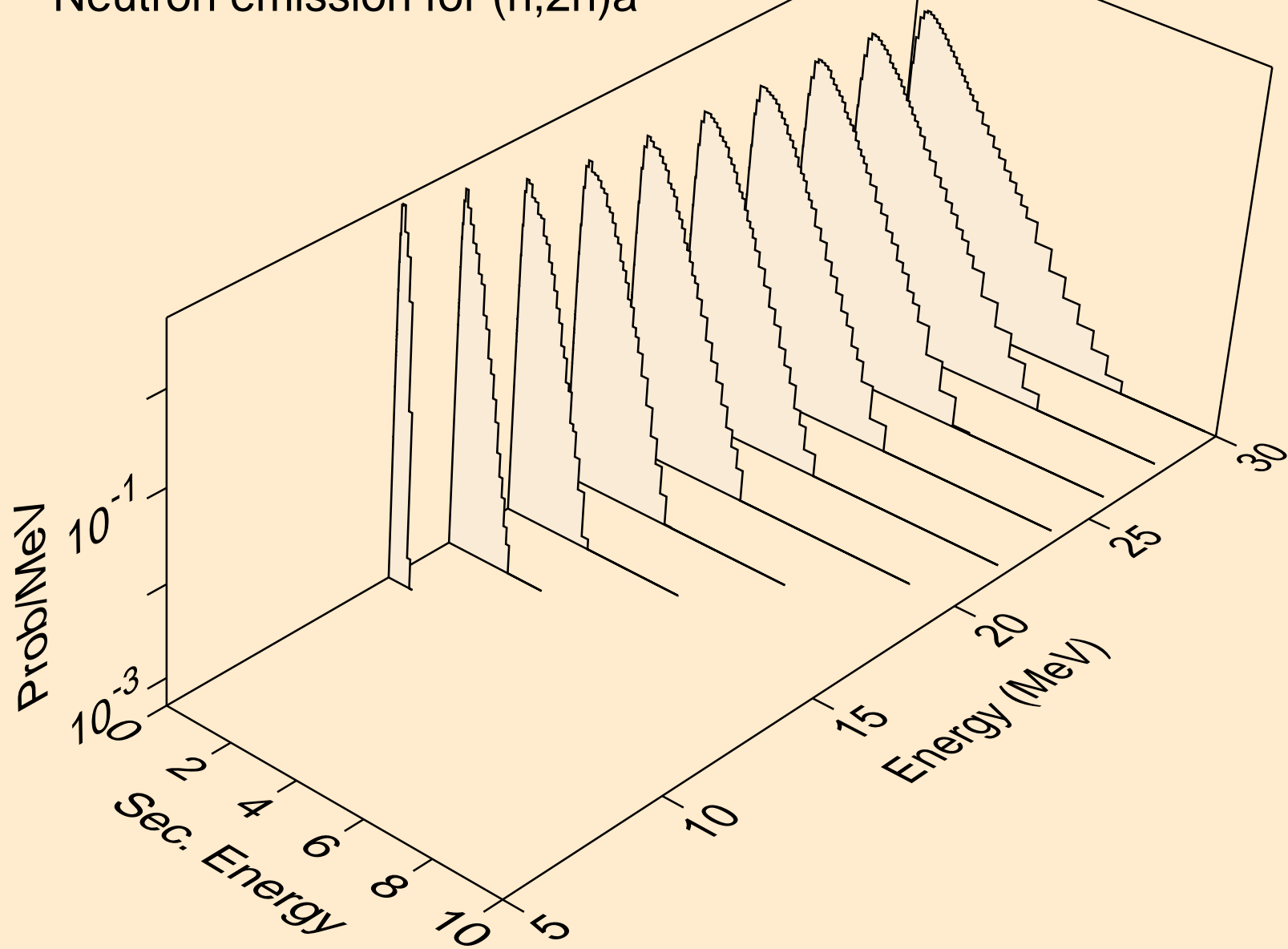
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

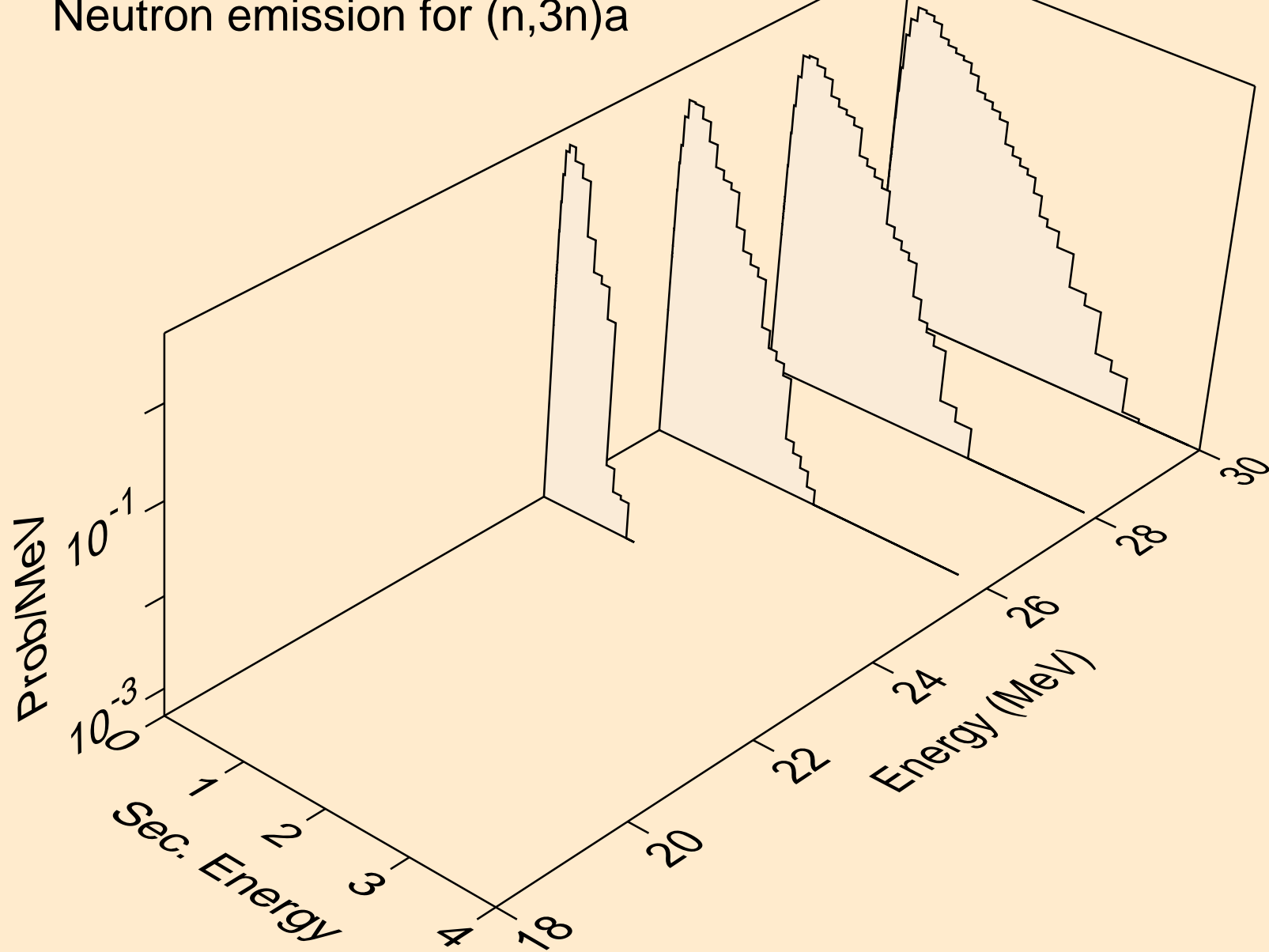


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>

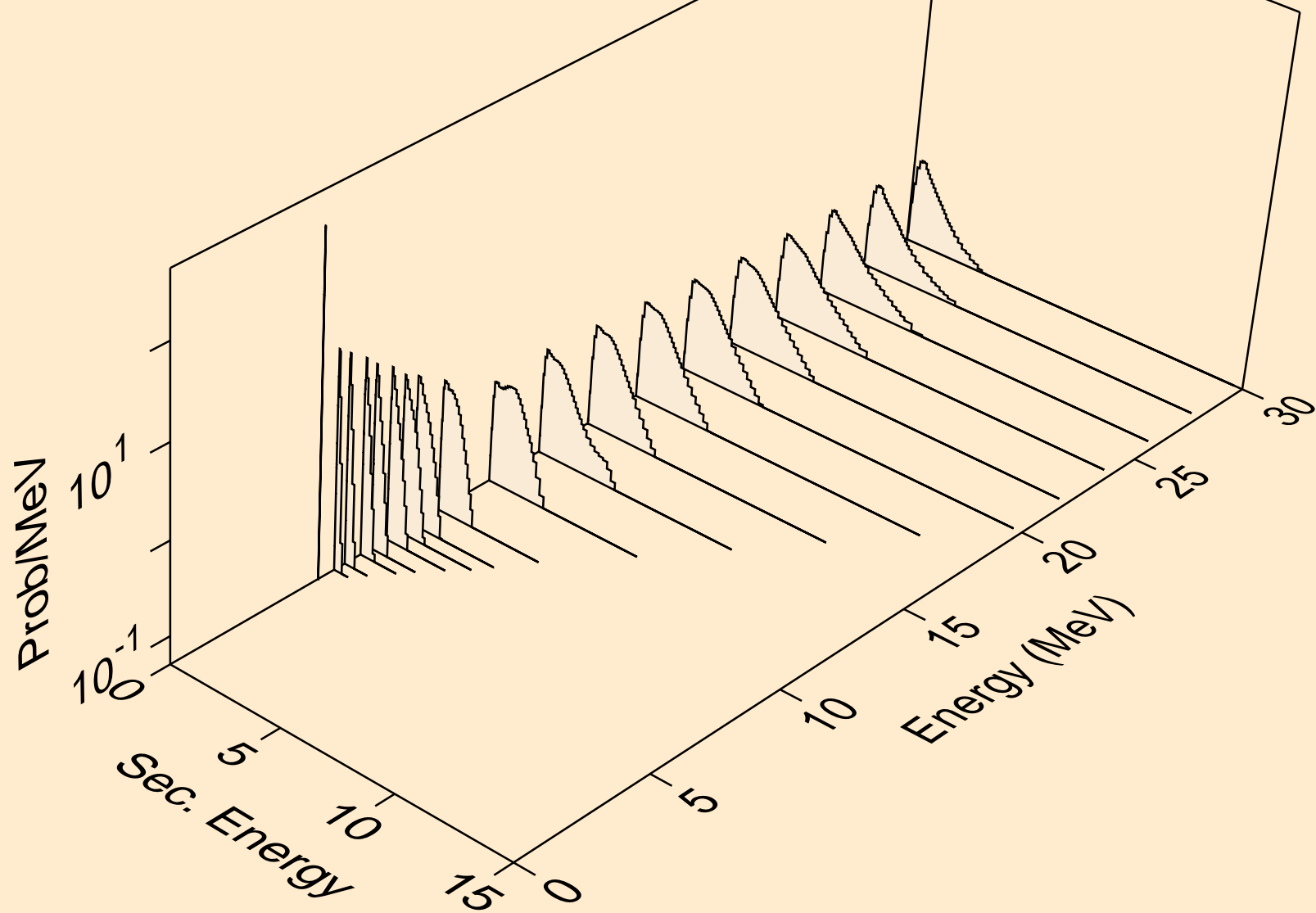




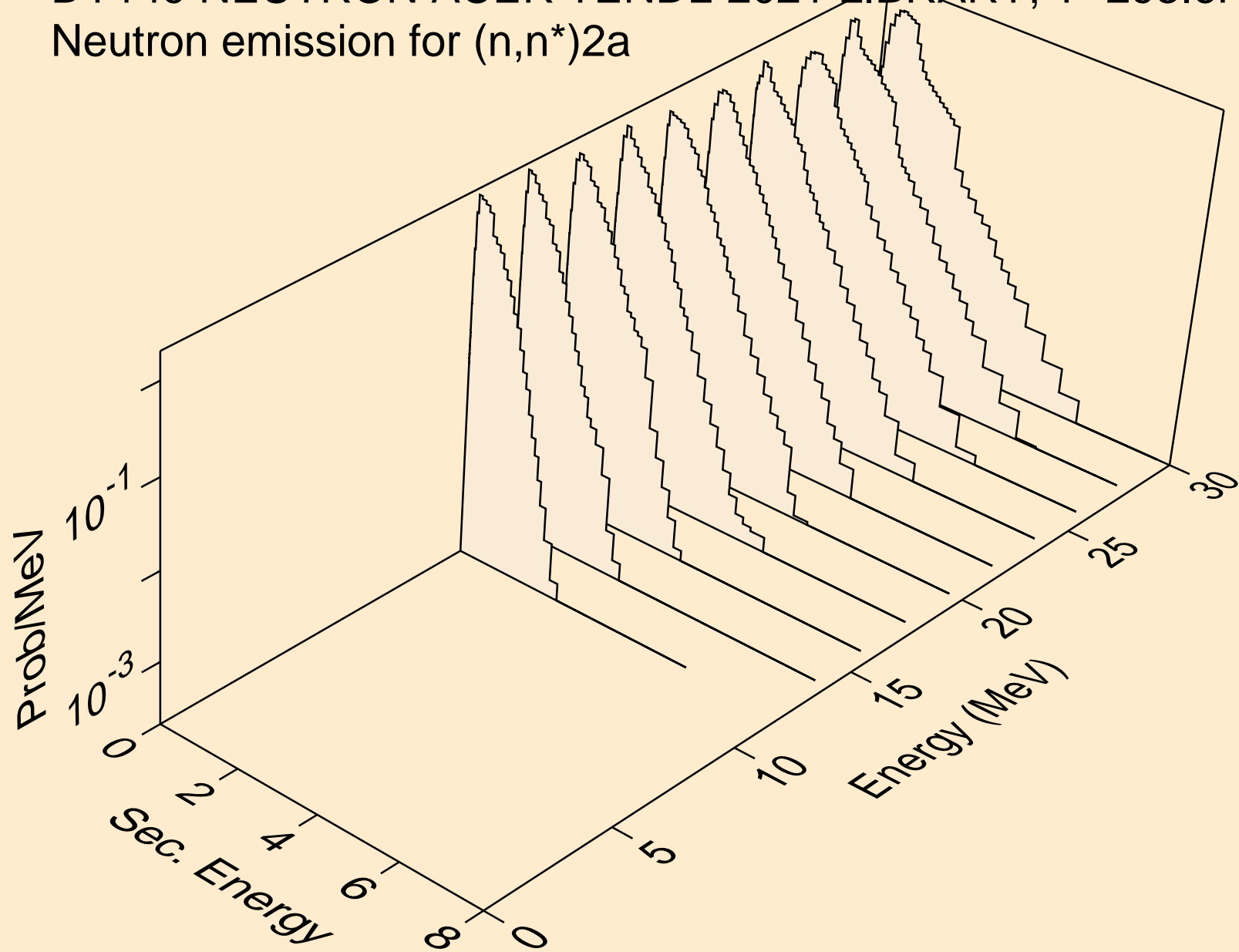
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



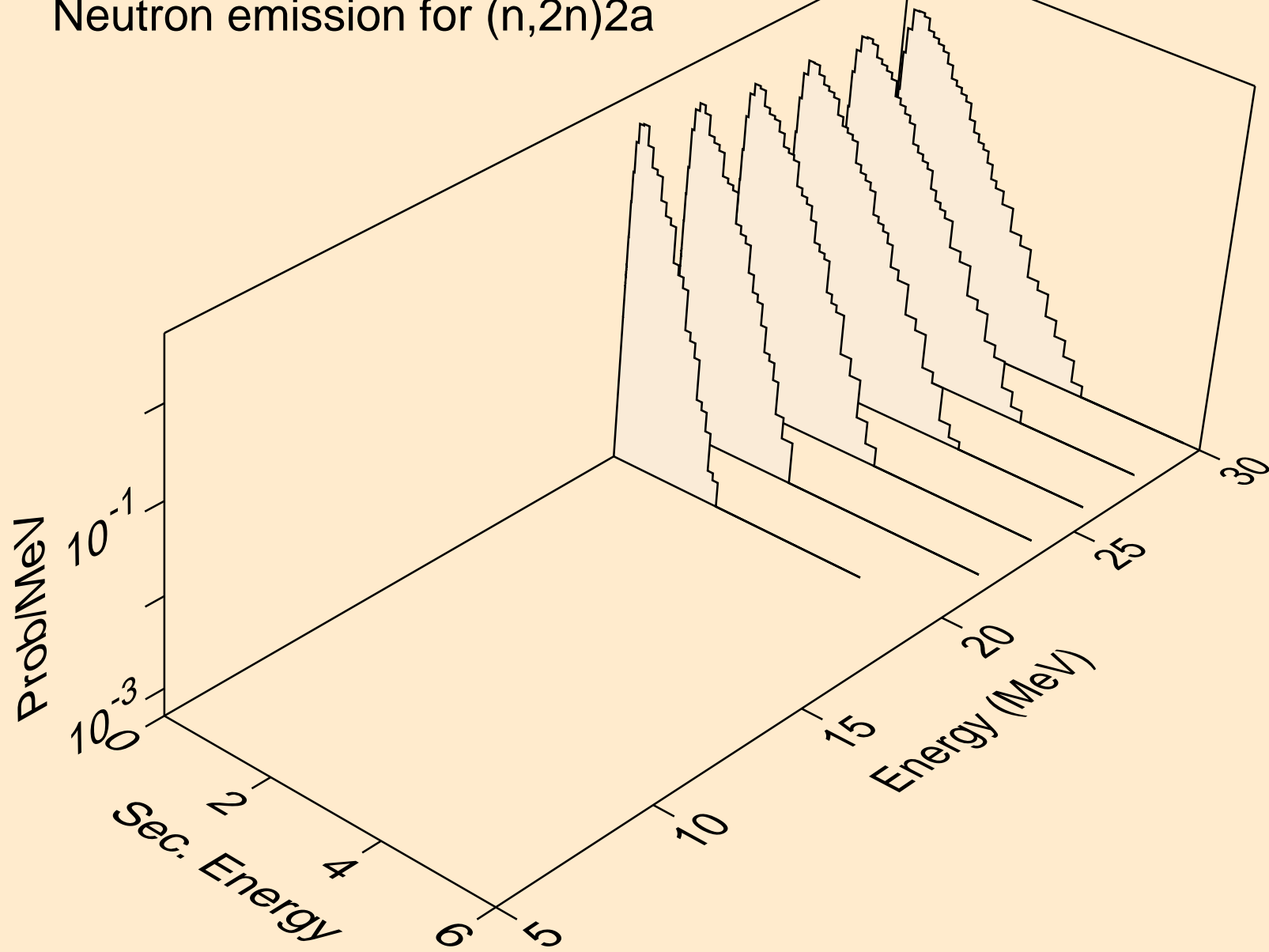
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



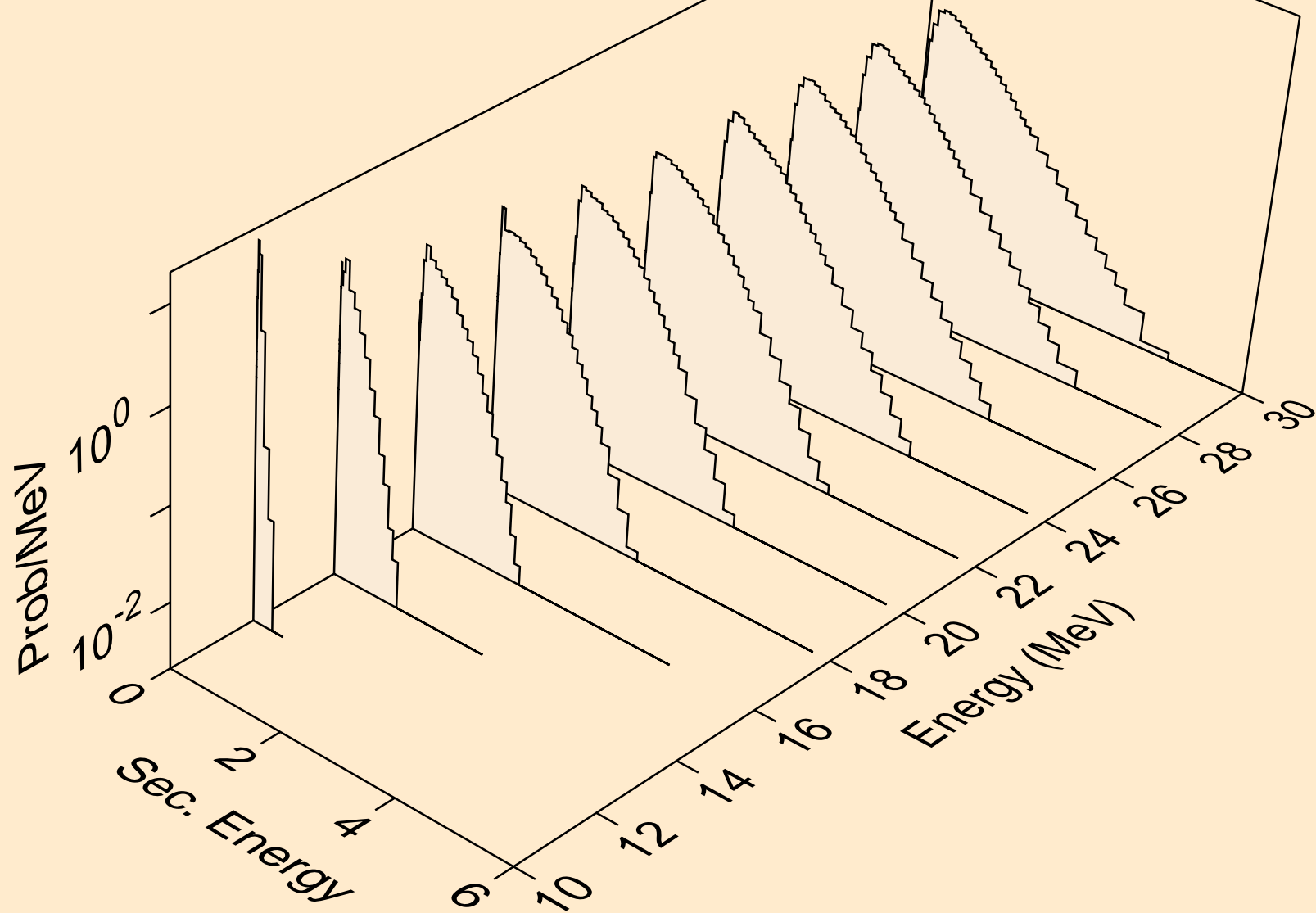
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



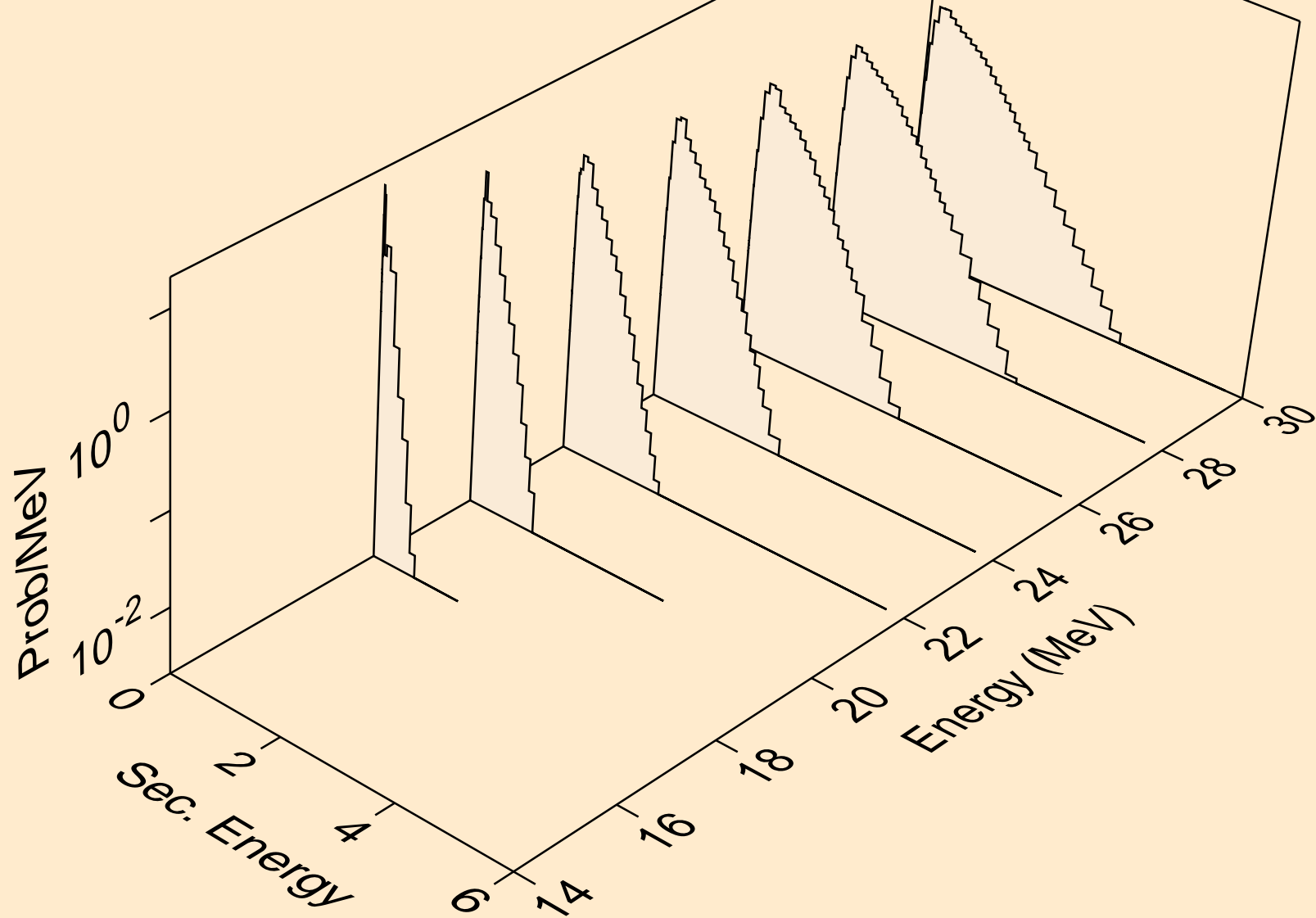
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



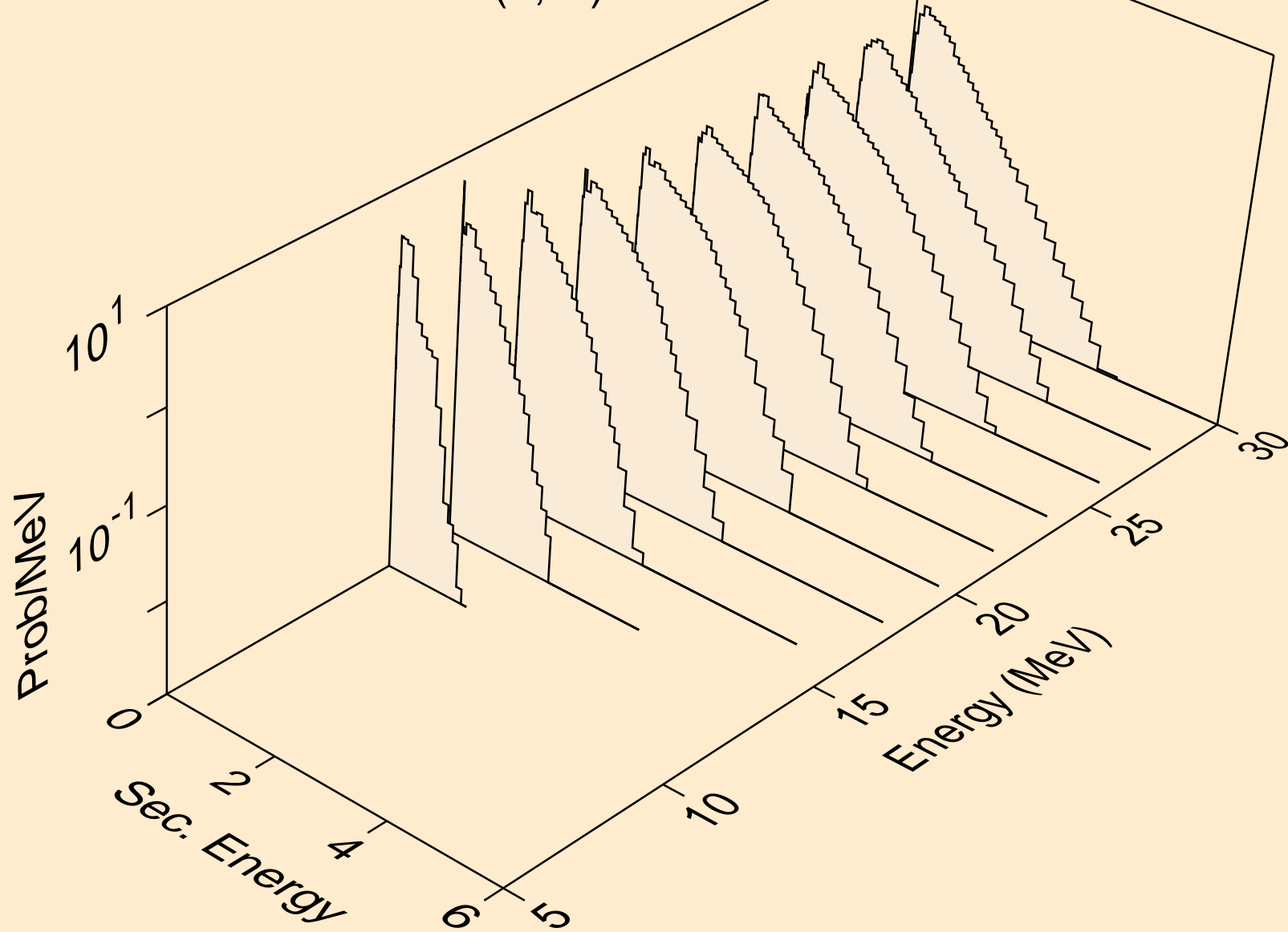
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



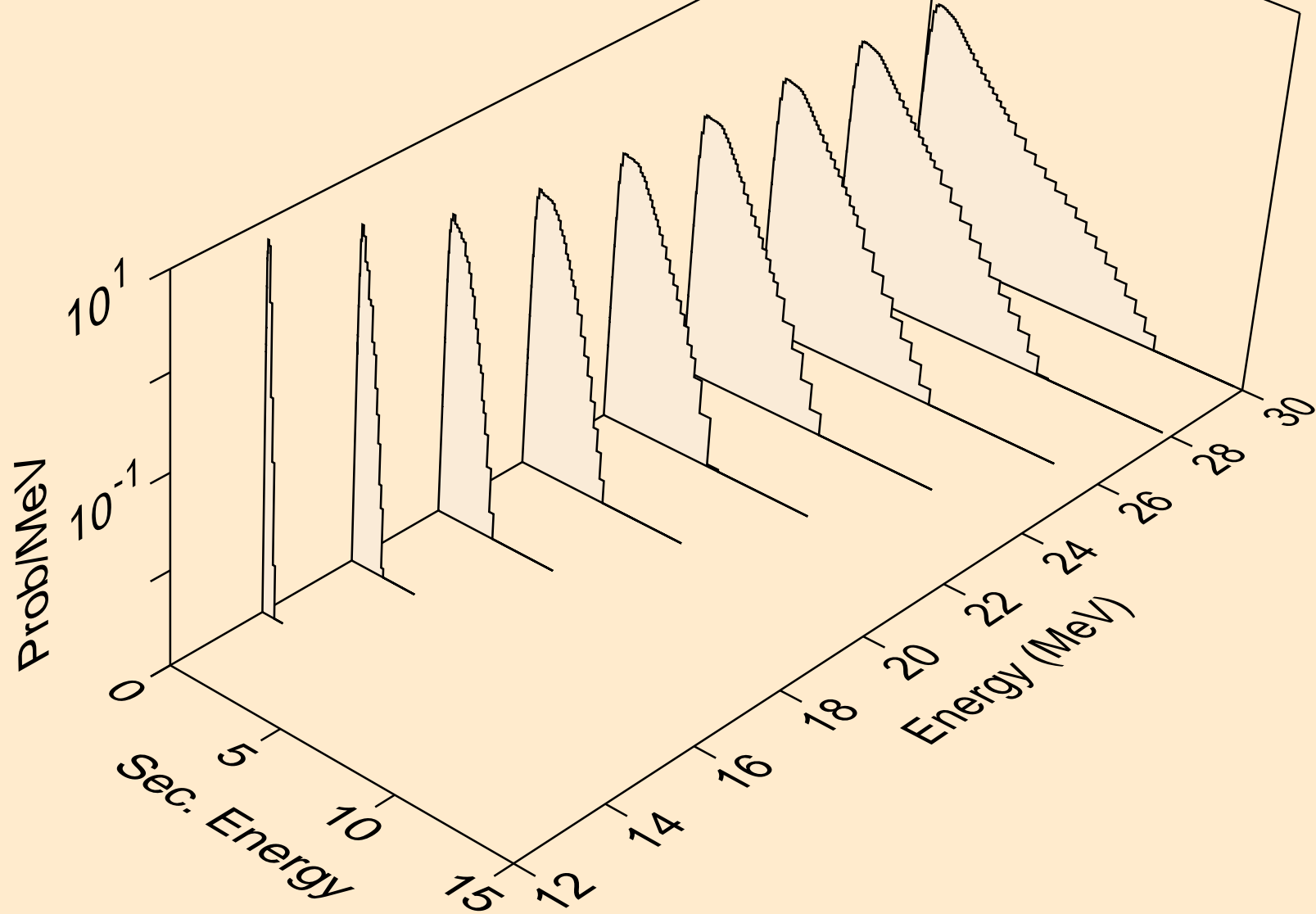
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

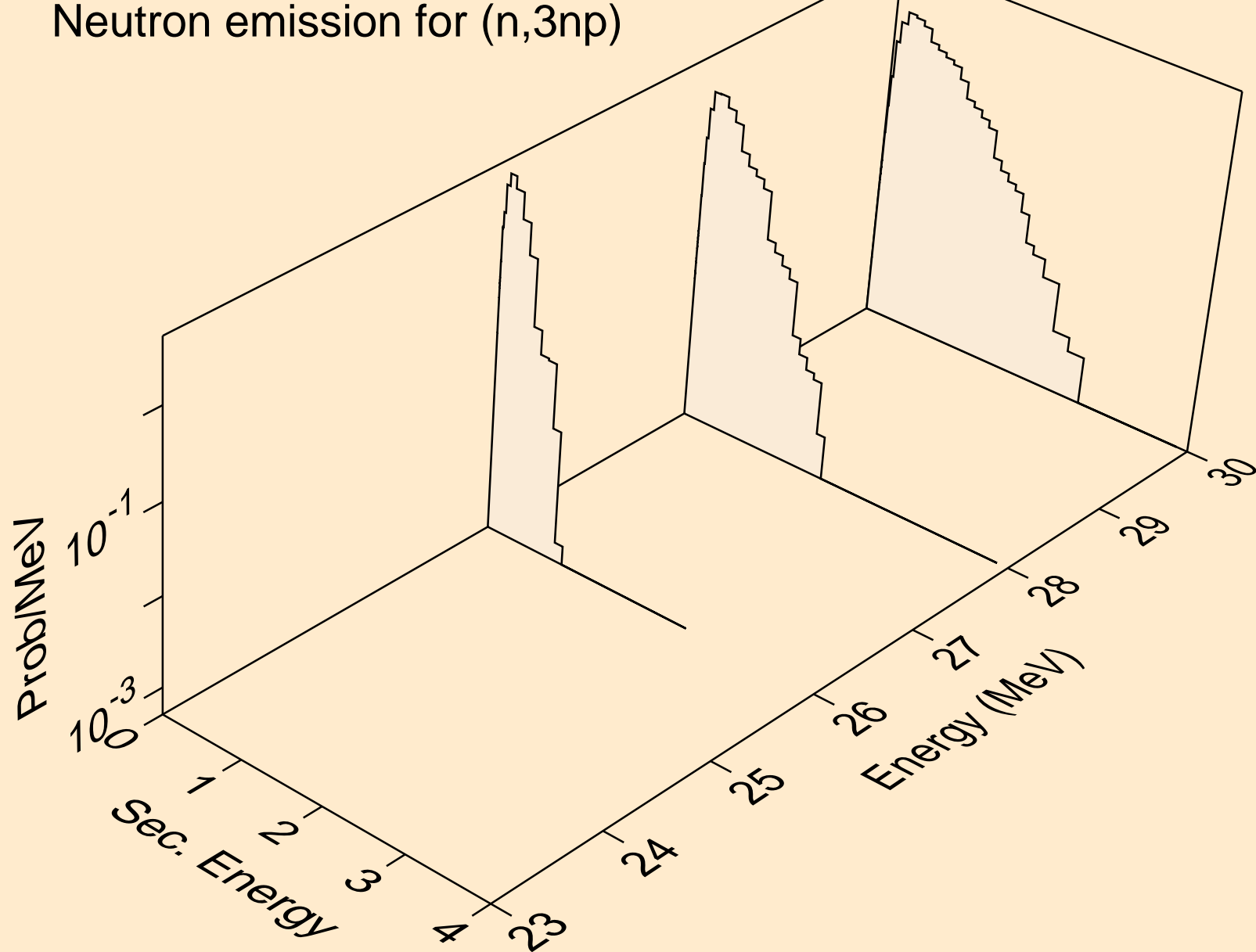


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

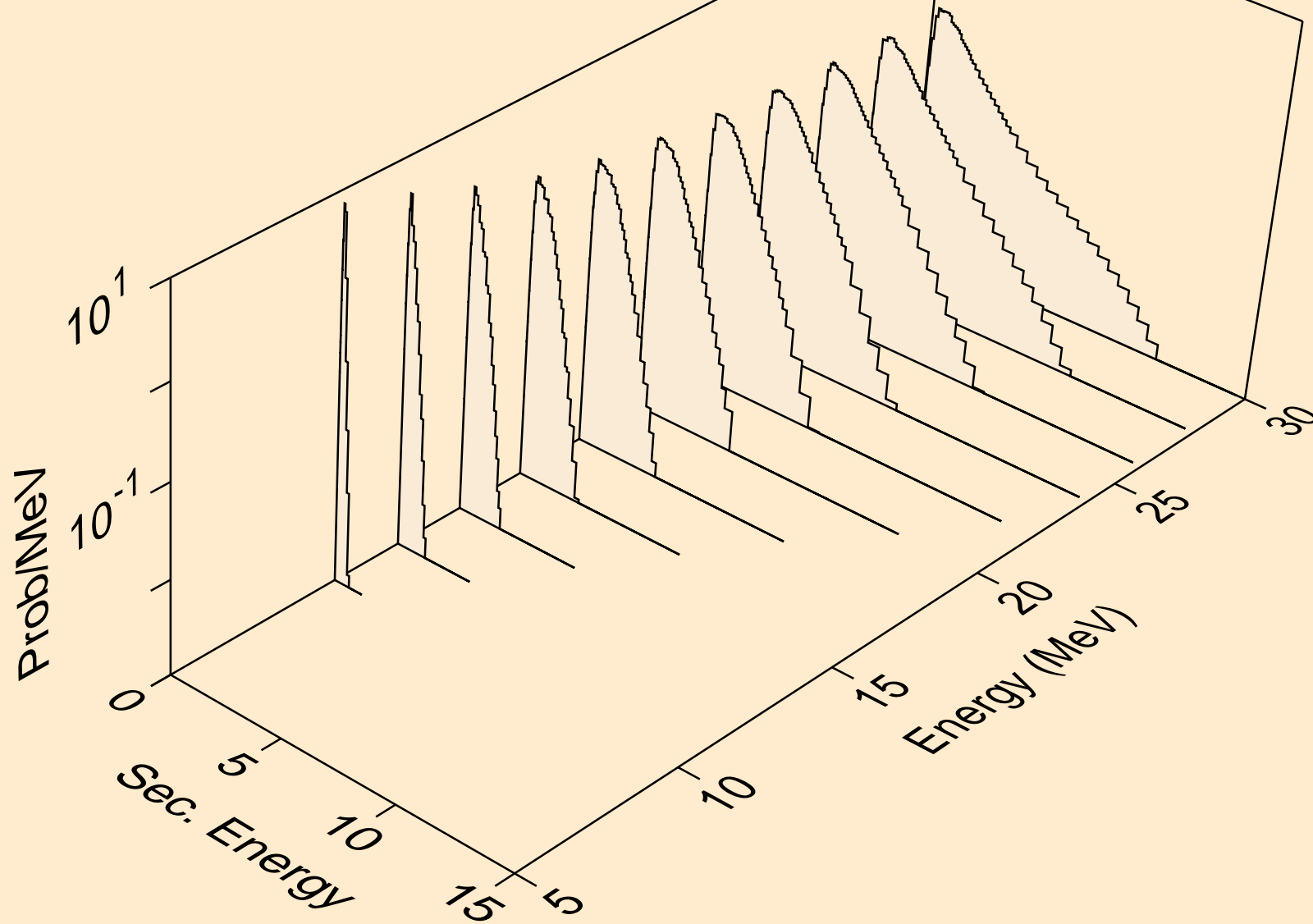




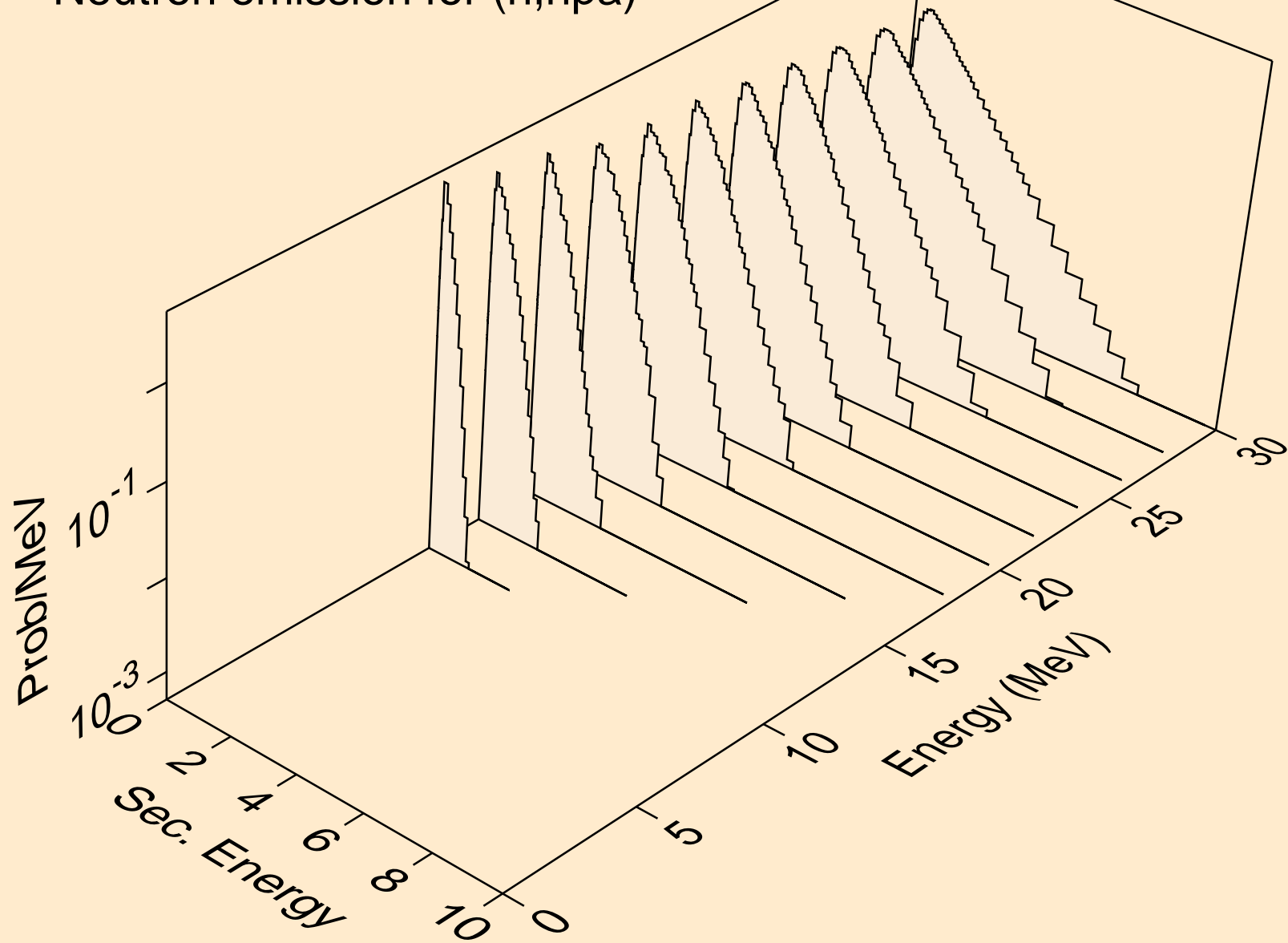
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



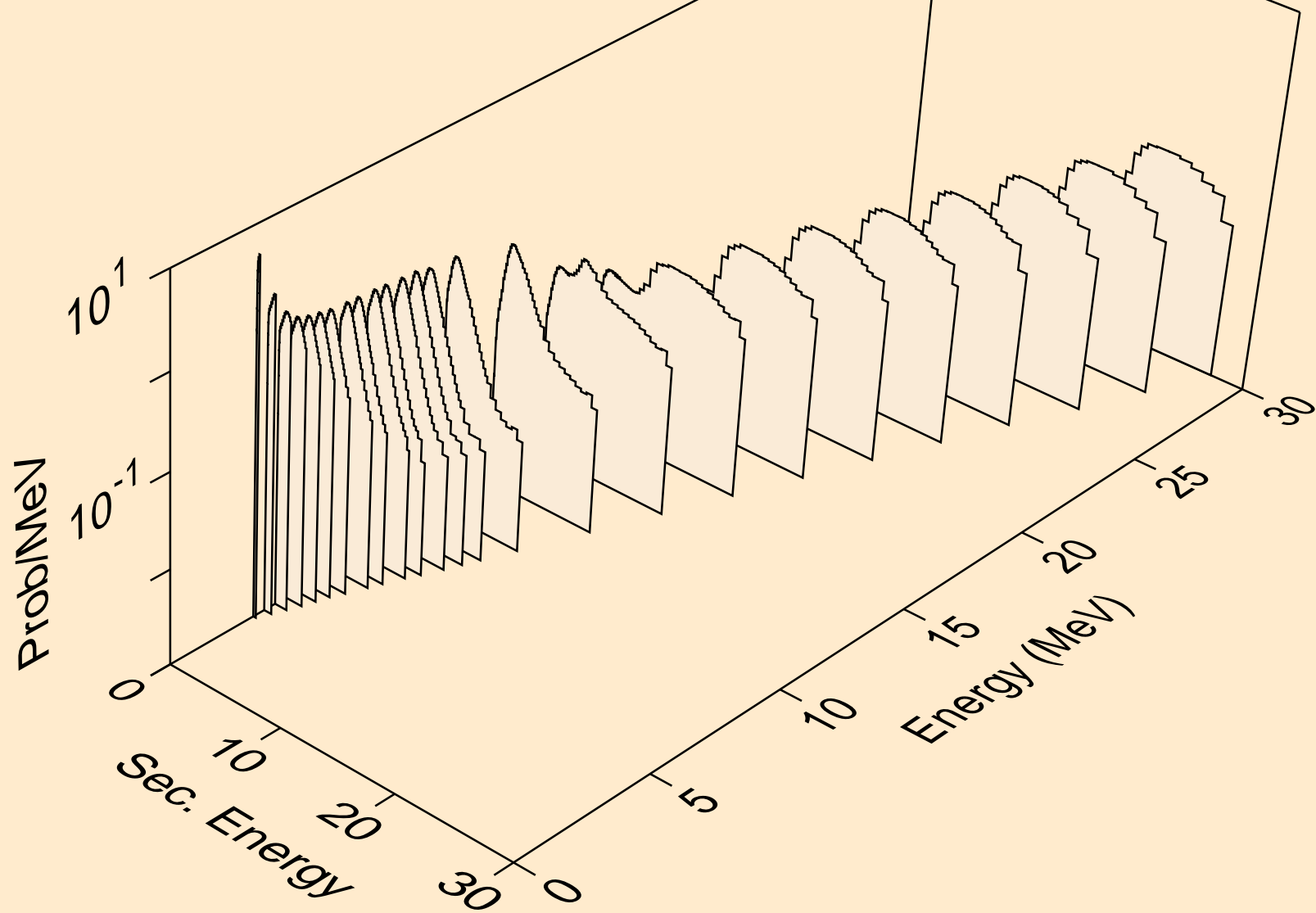
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



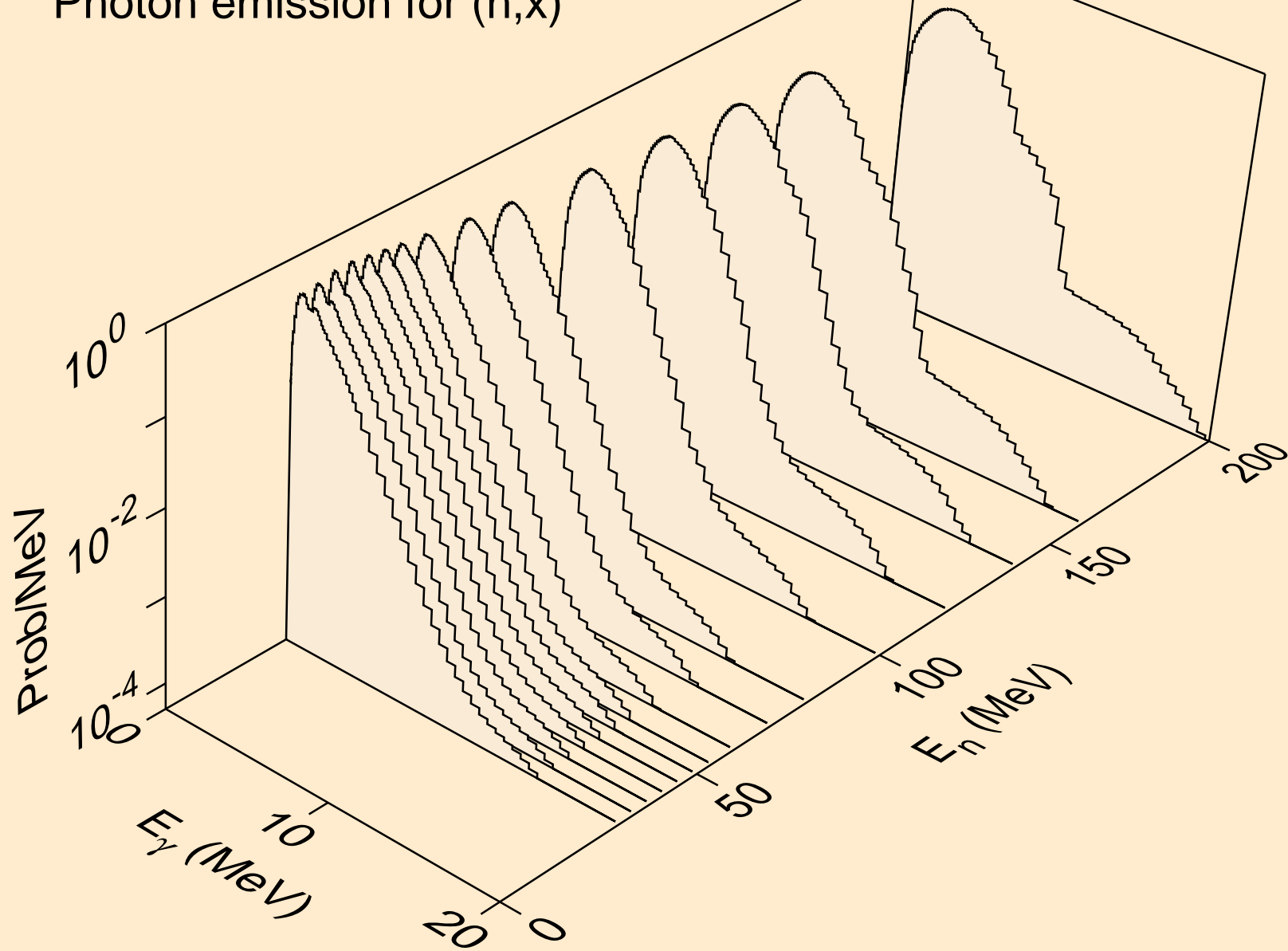
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



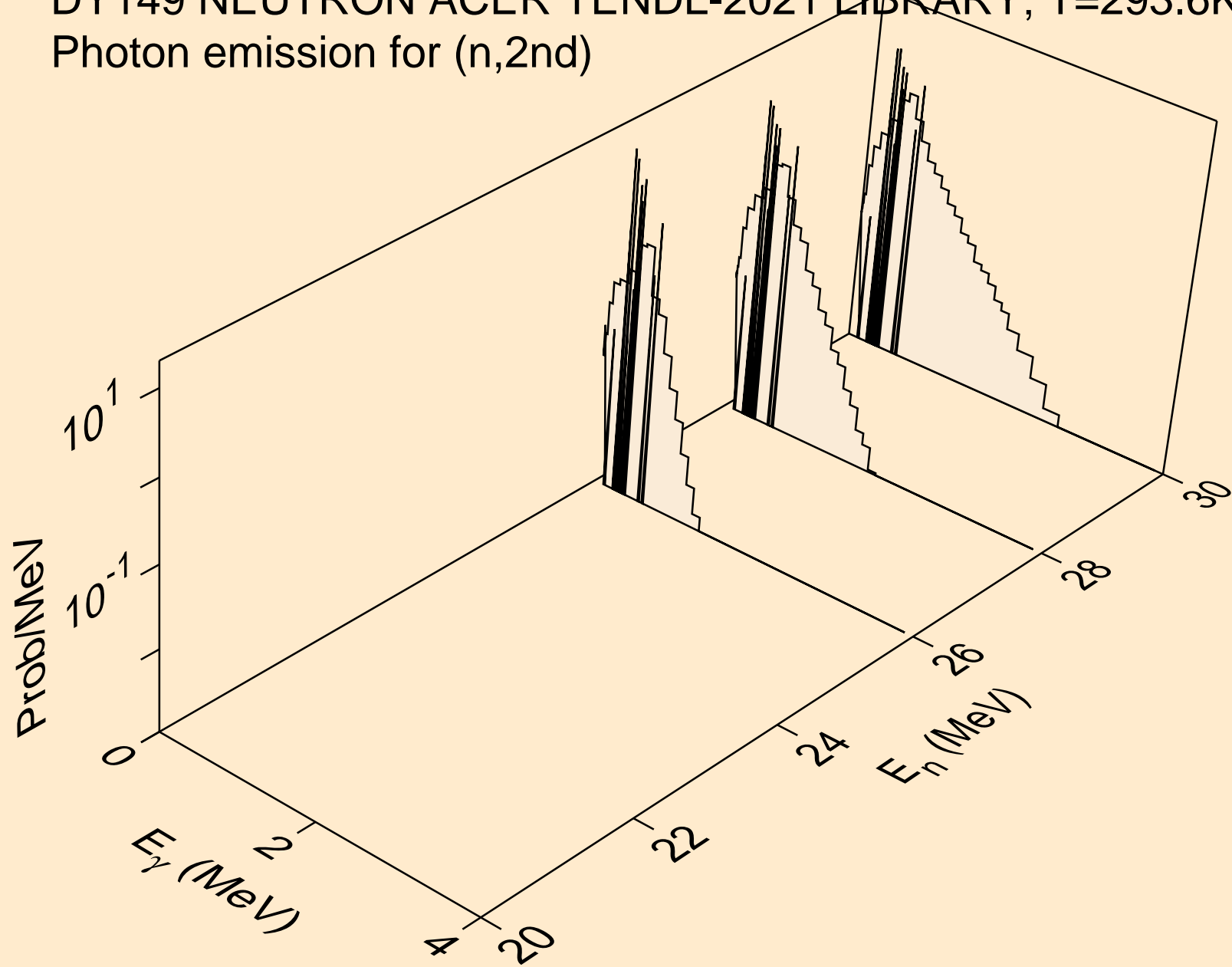
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



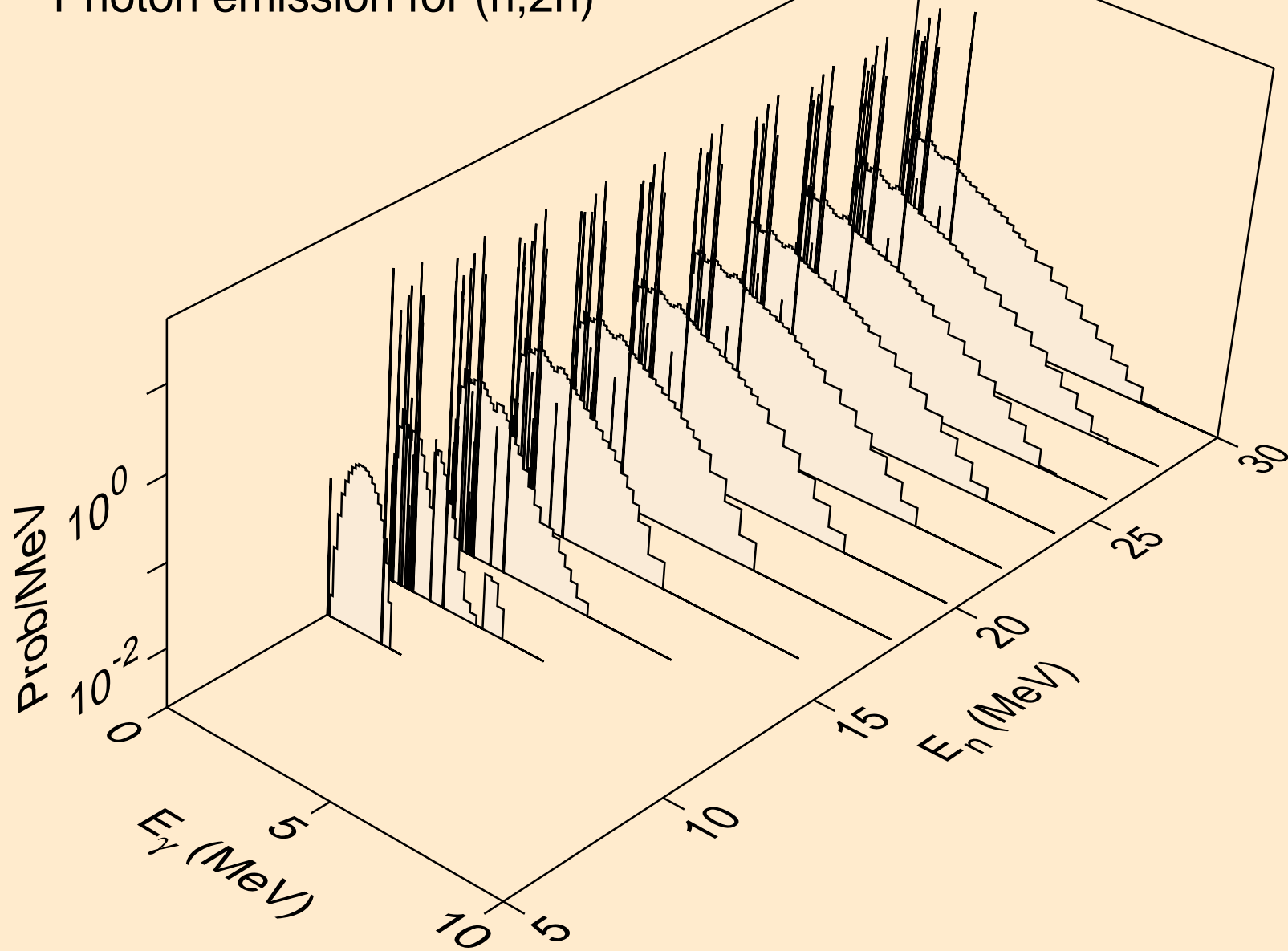
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



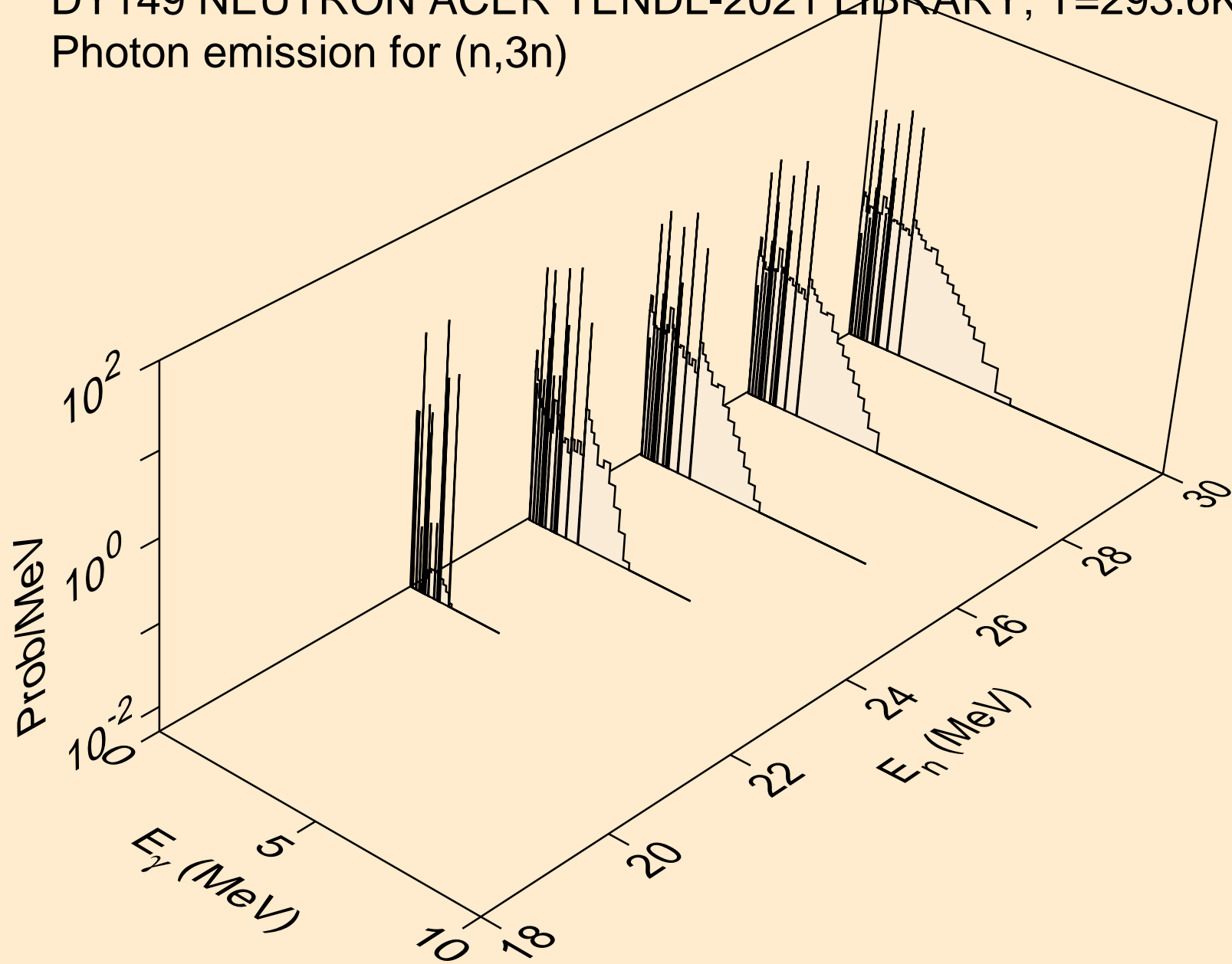
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

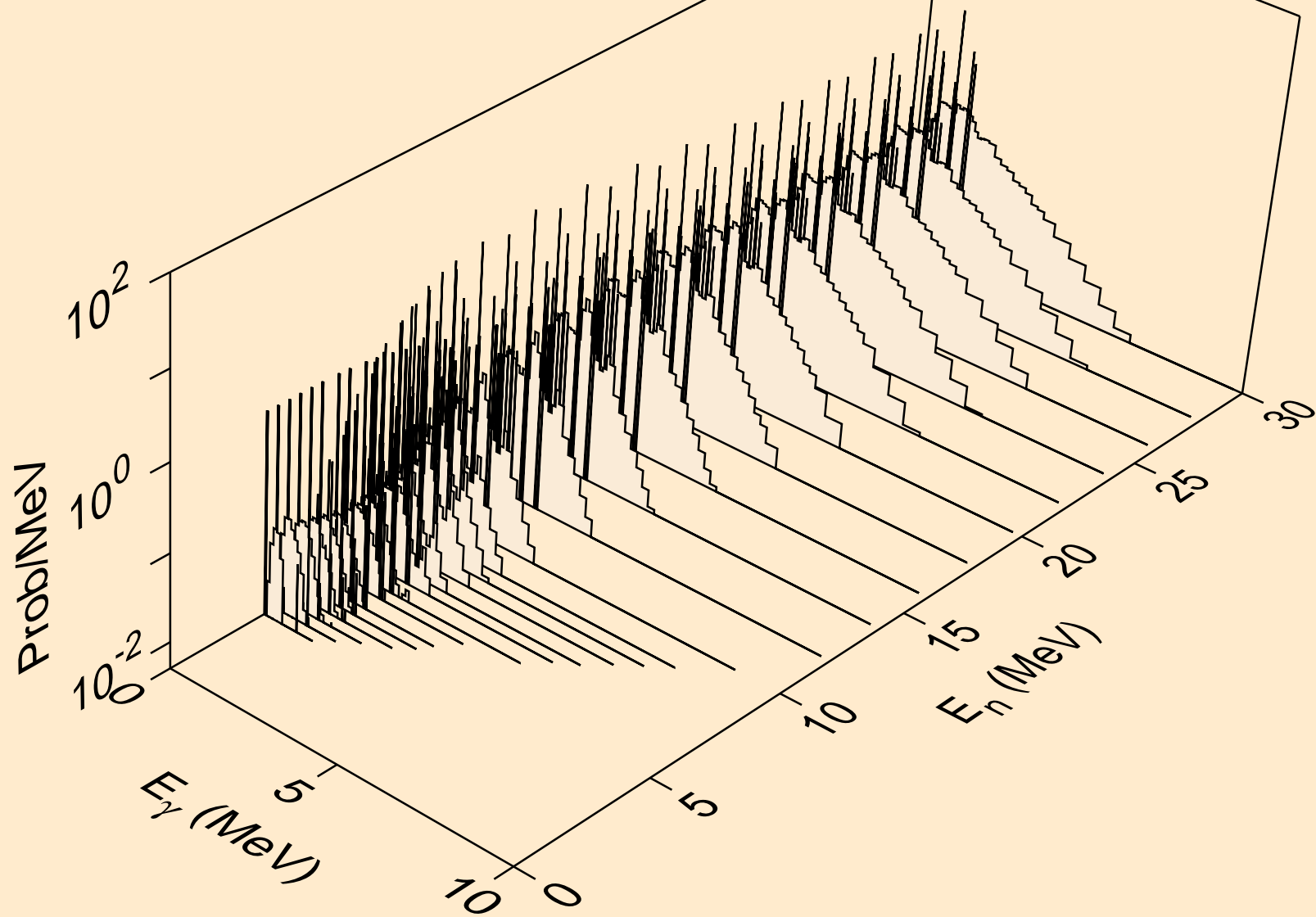


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

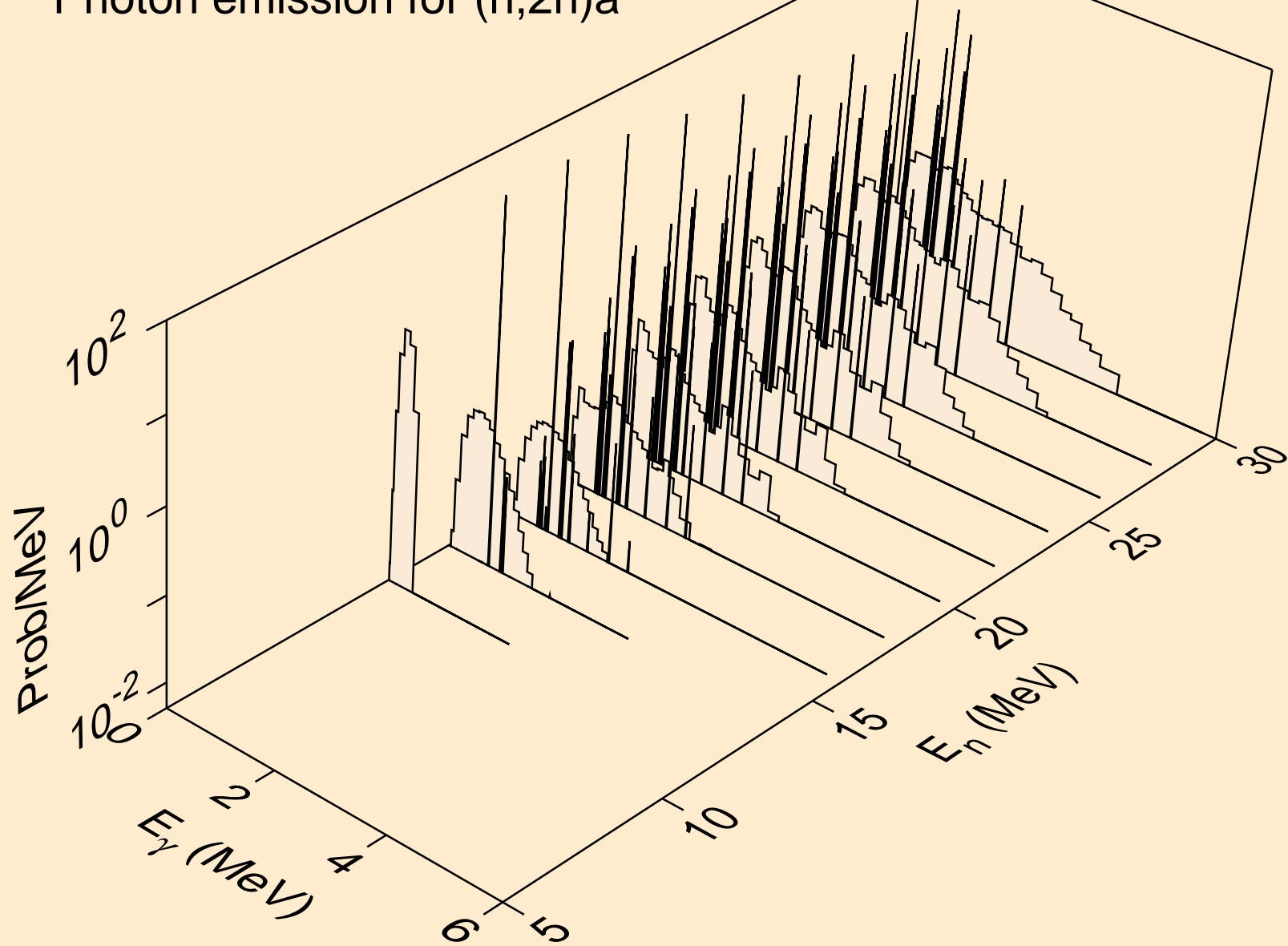




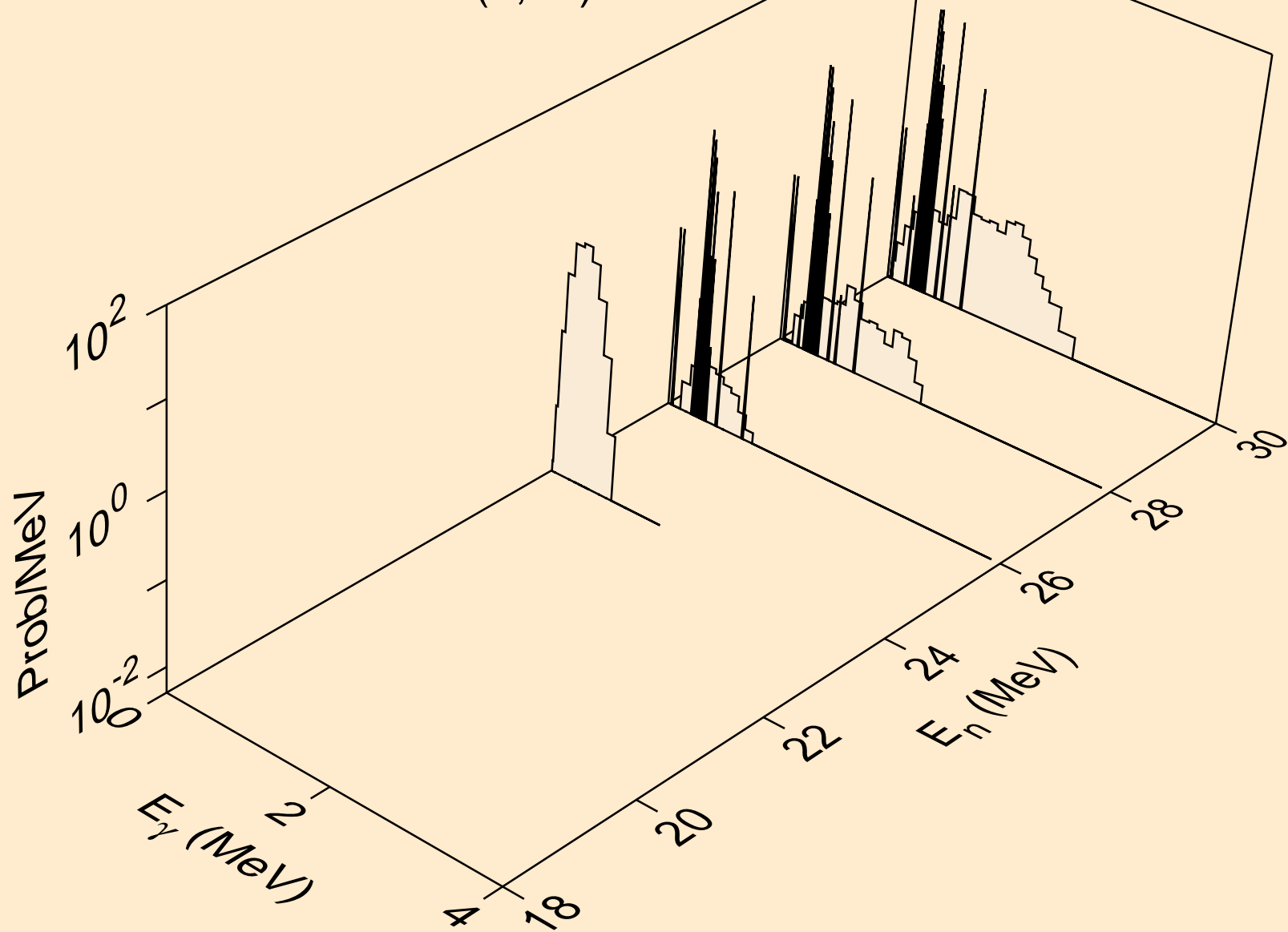
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



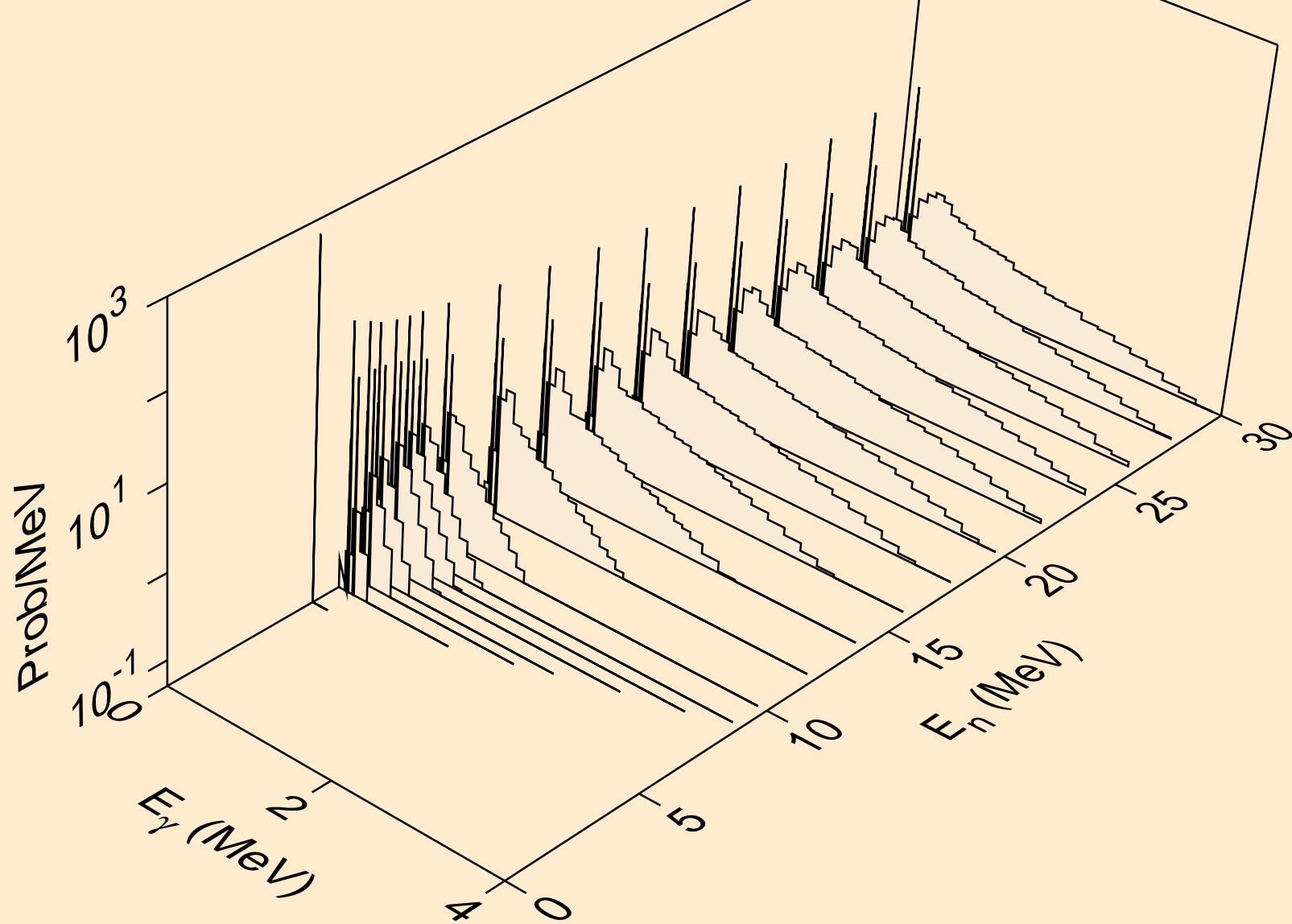
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



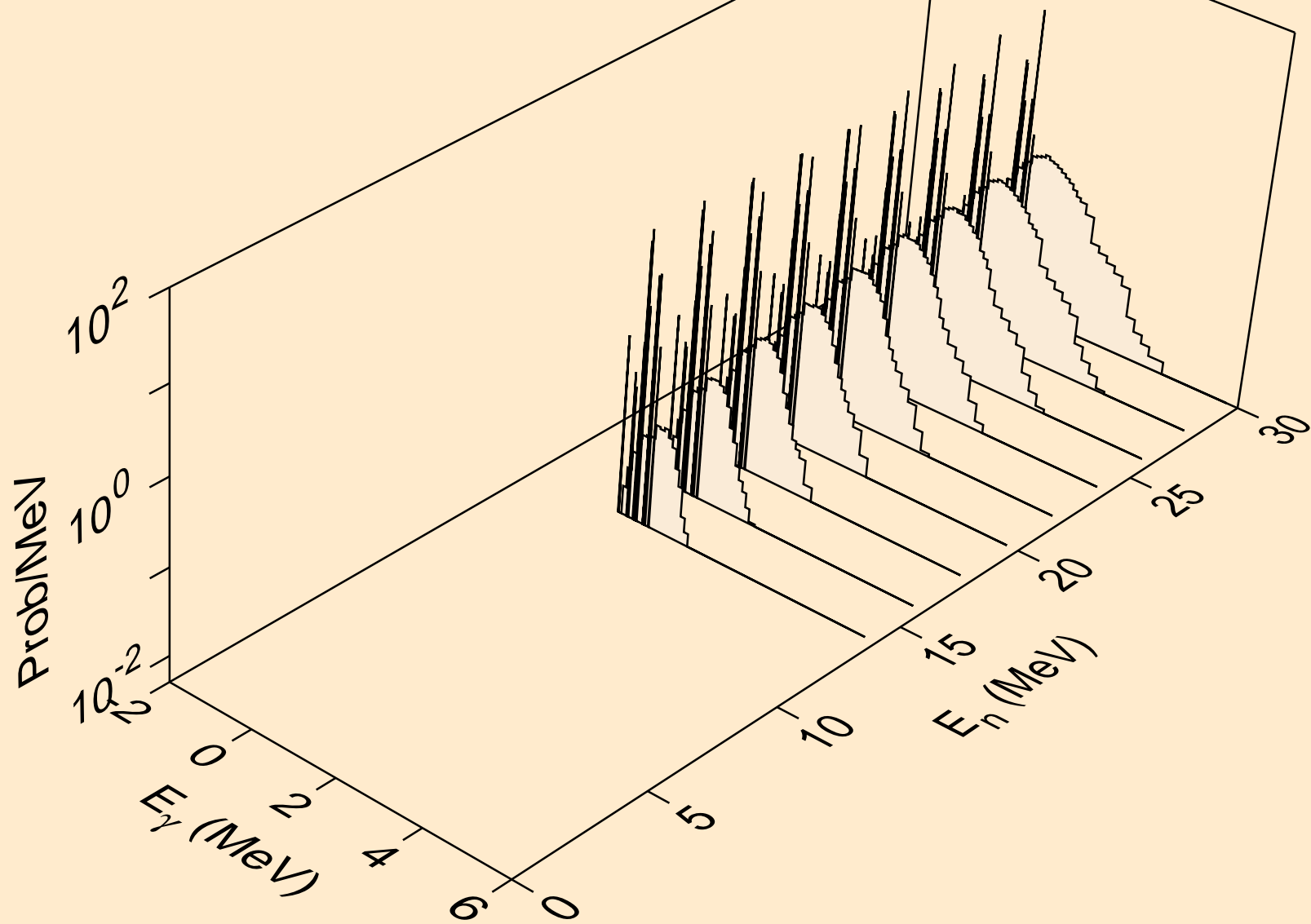
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



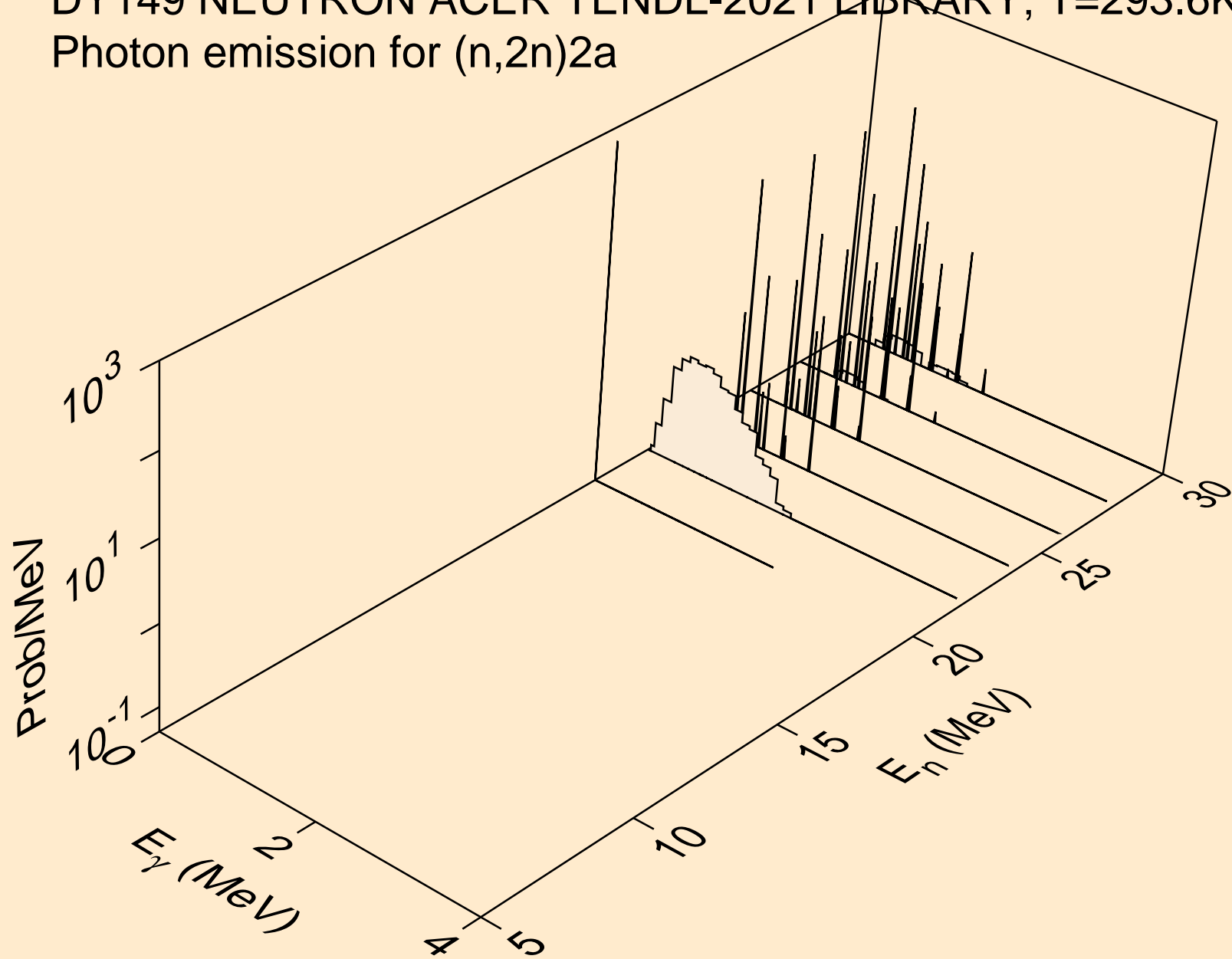
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



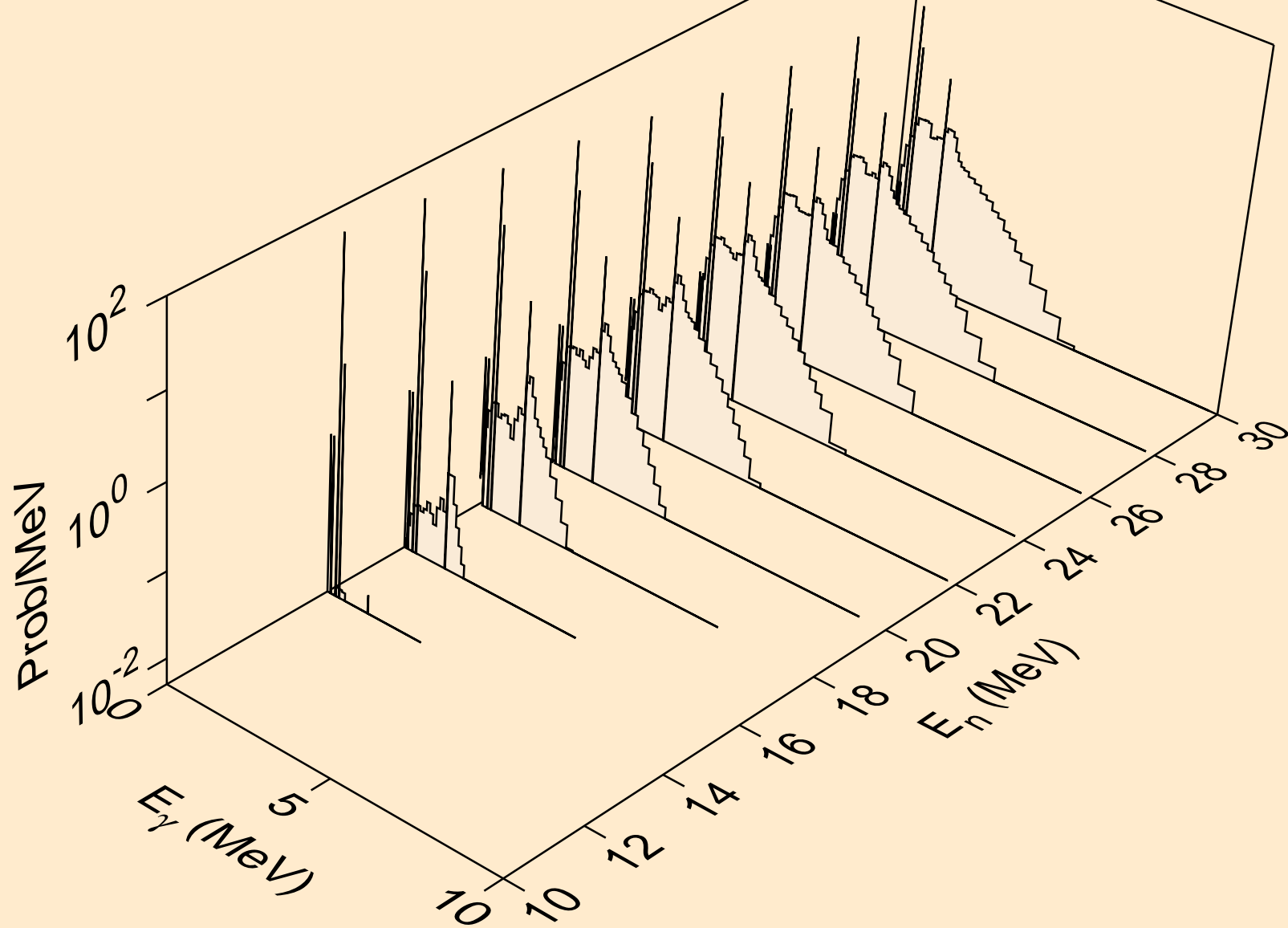
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



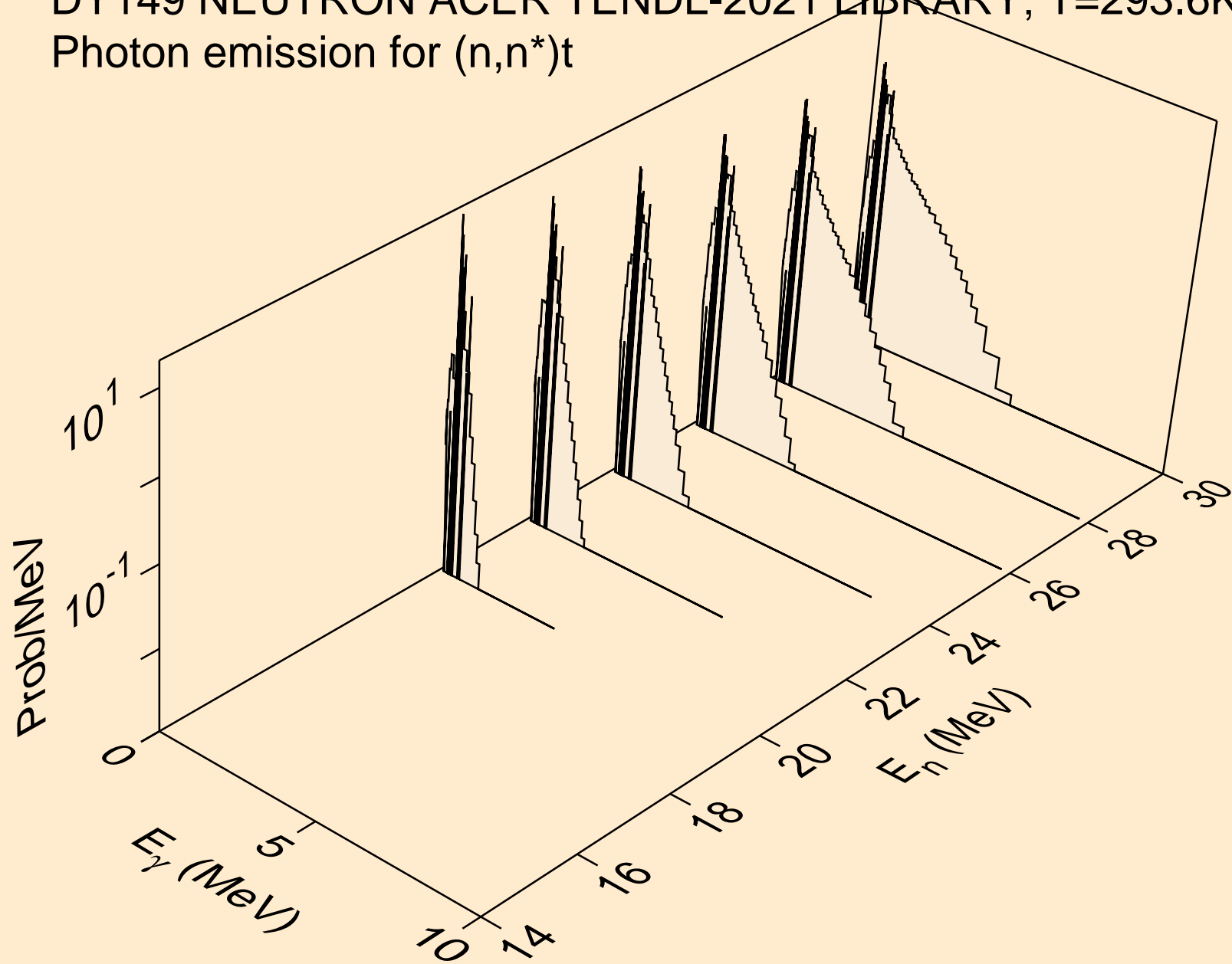
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

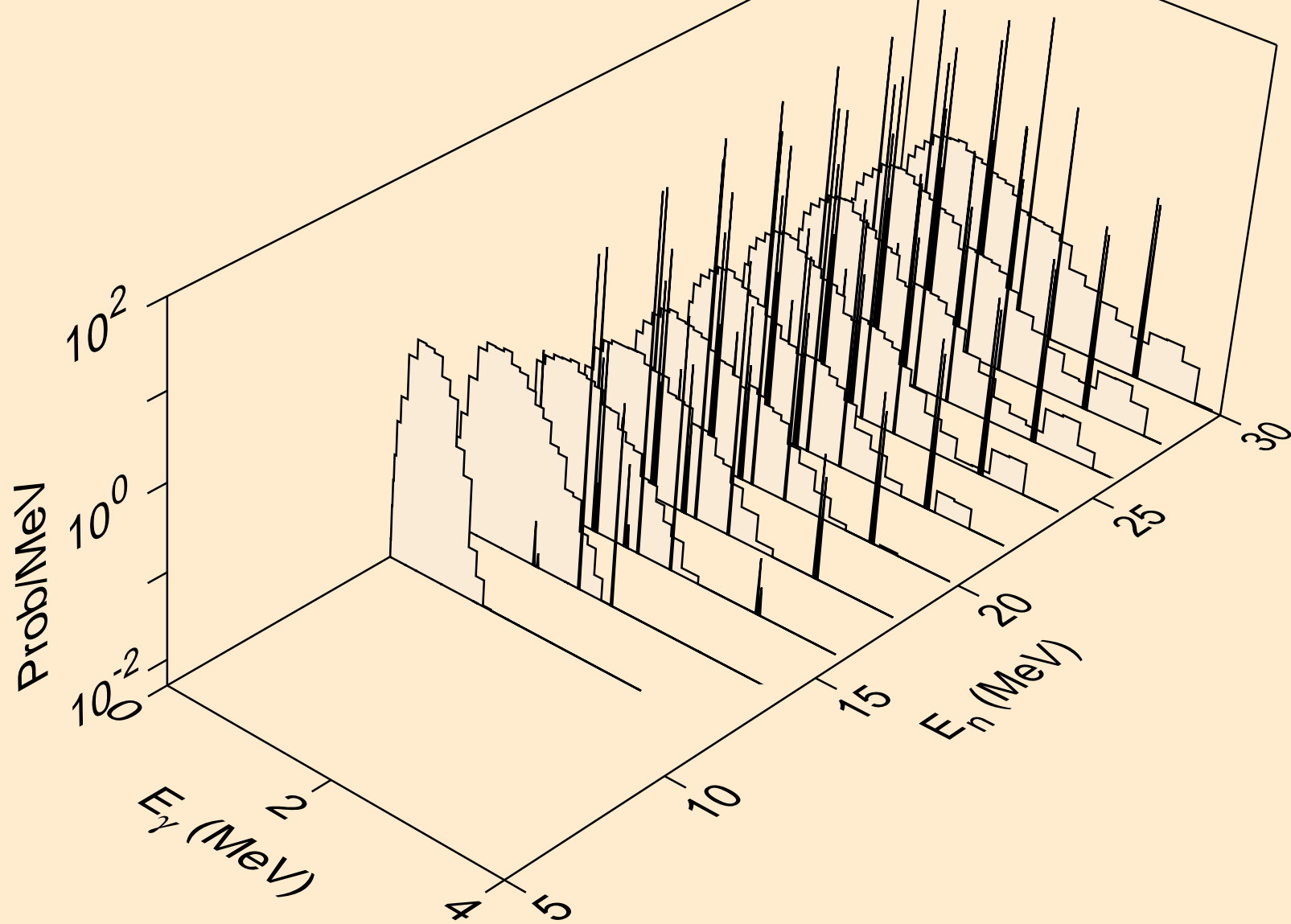


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

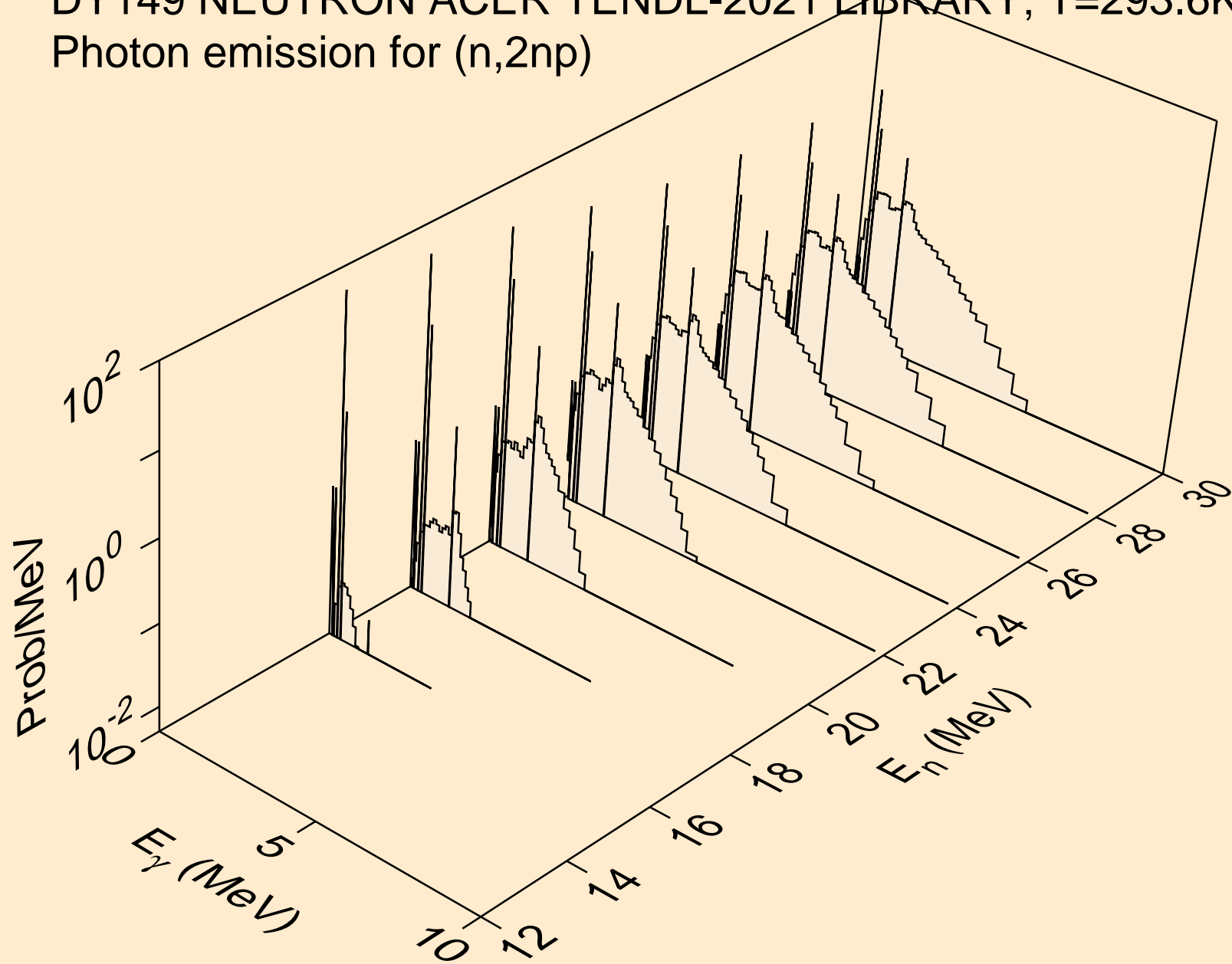




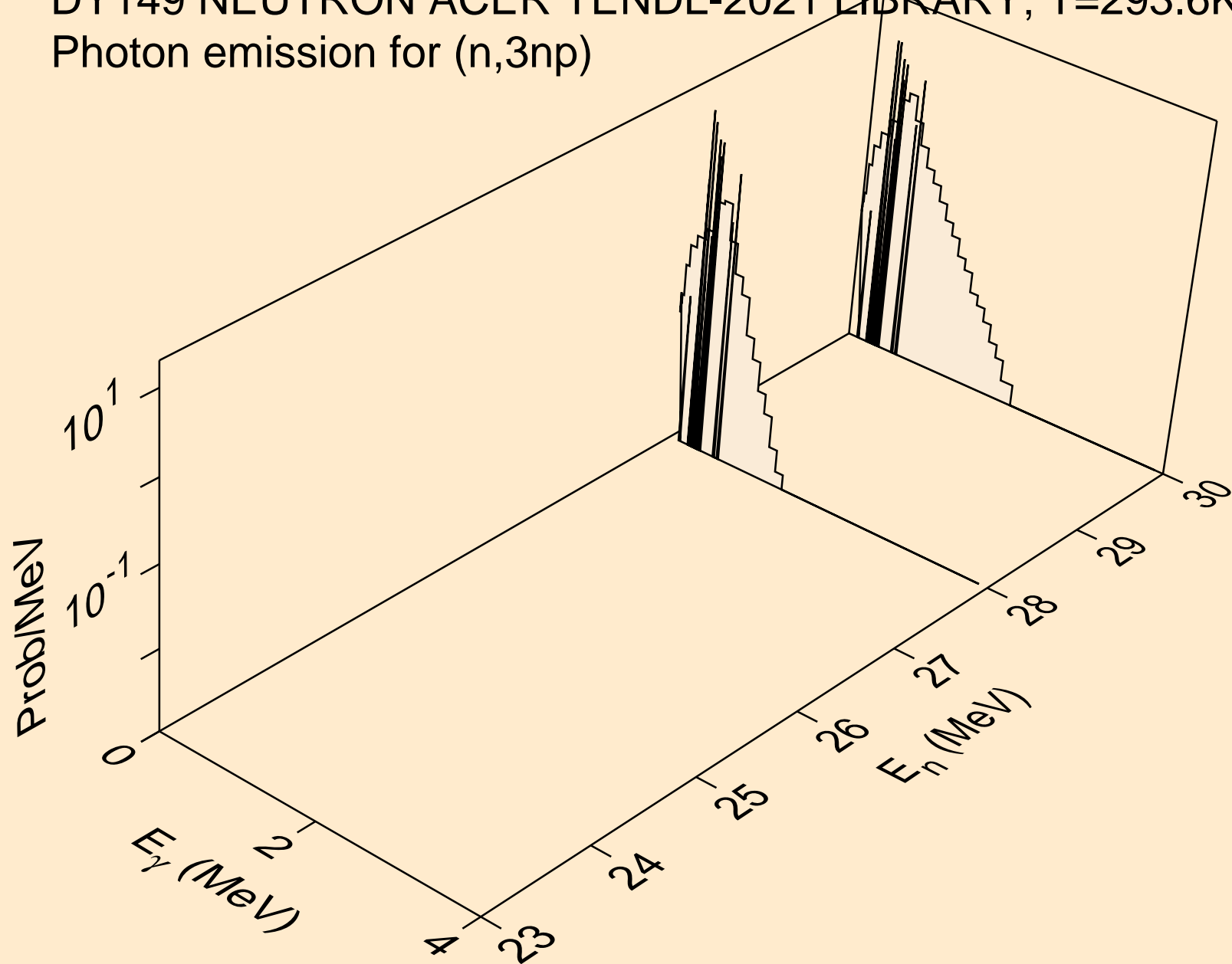
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



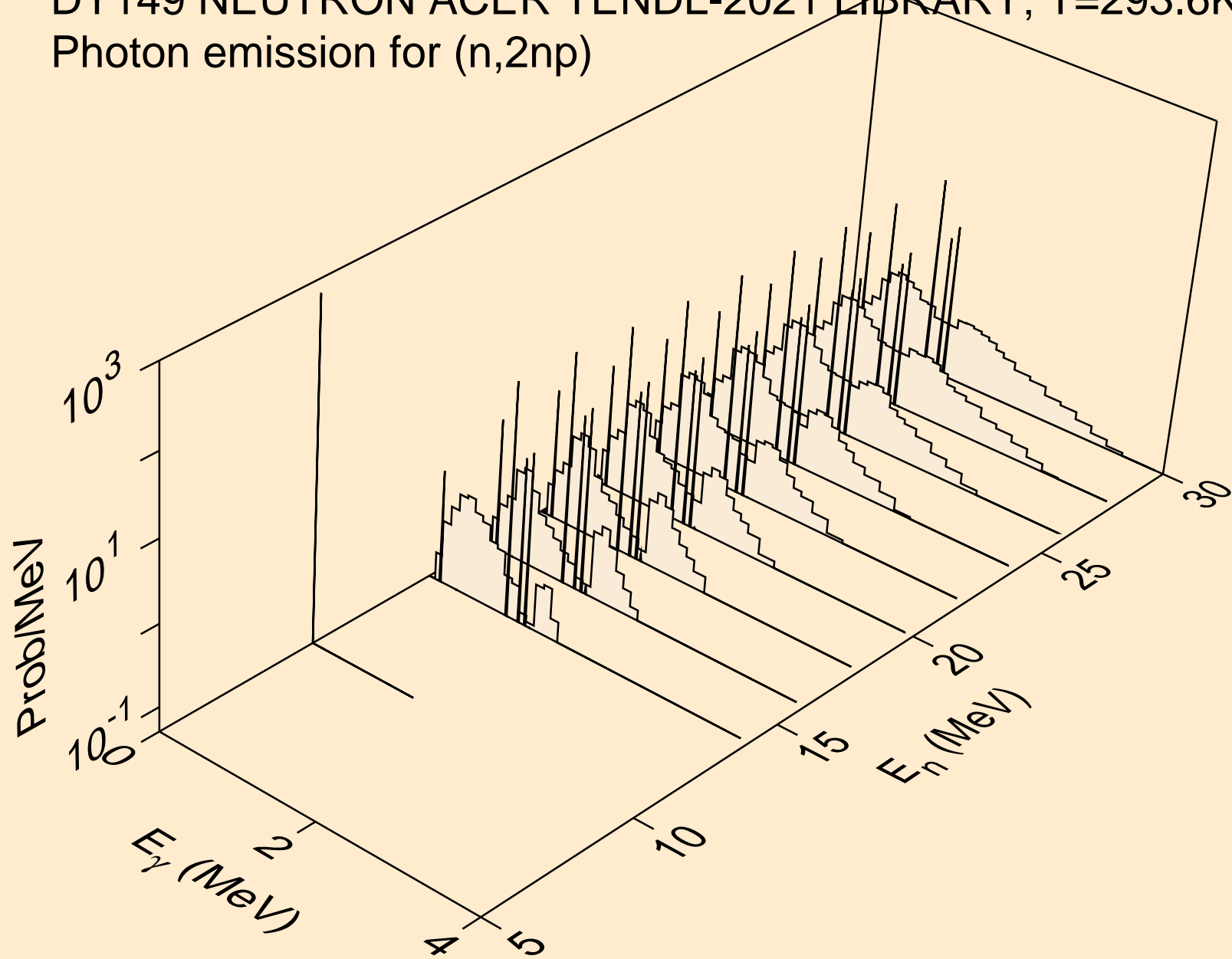
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



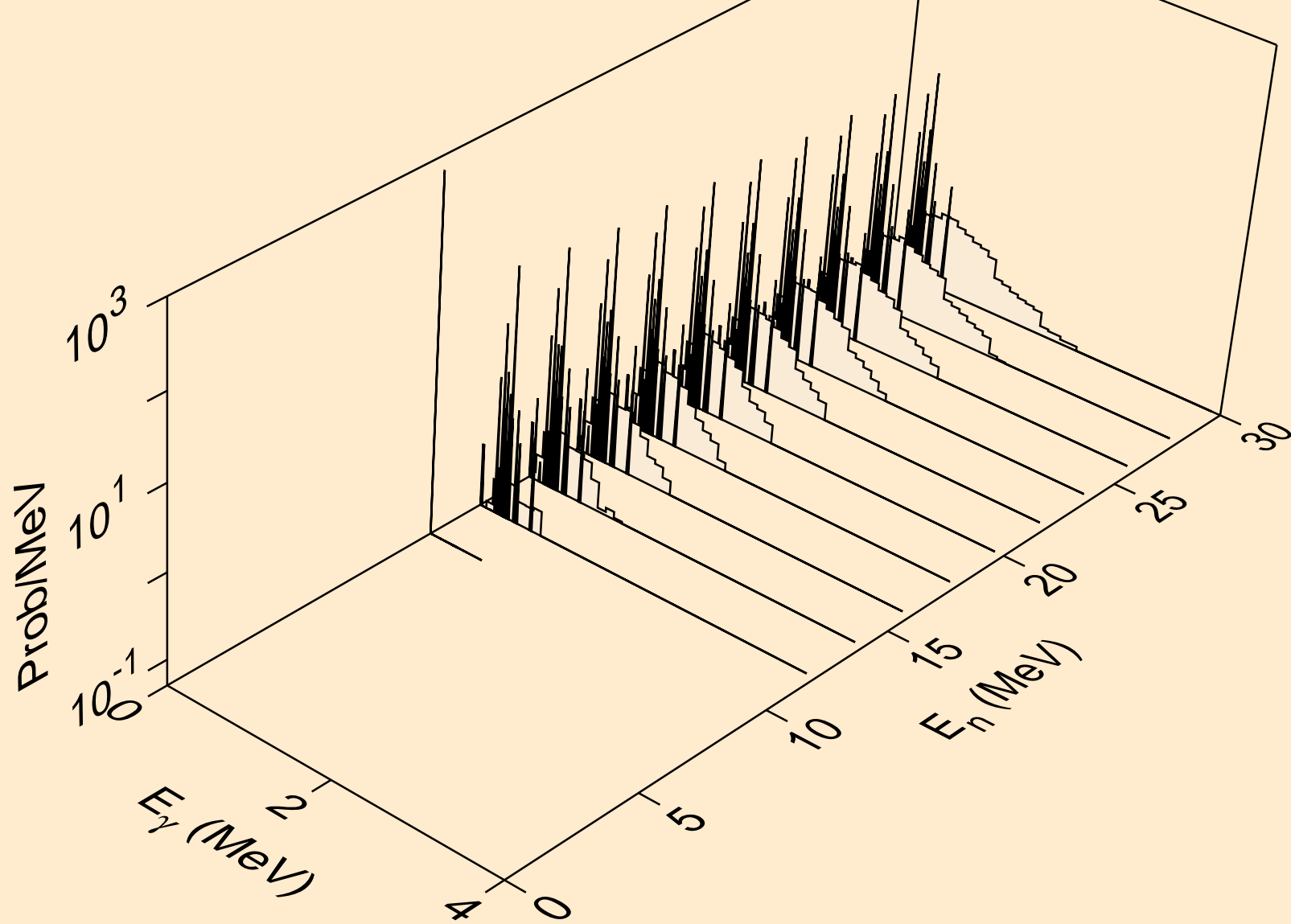
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



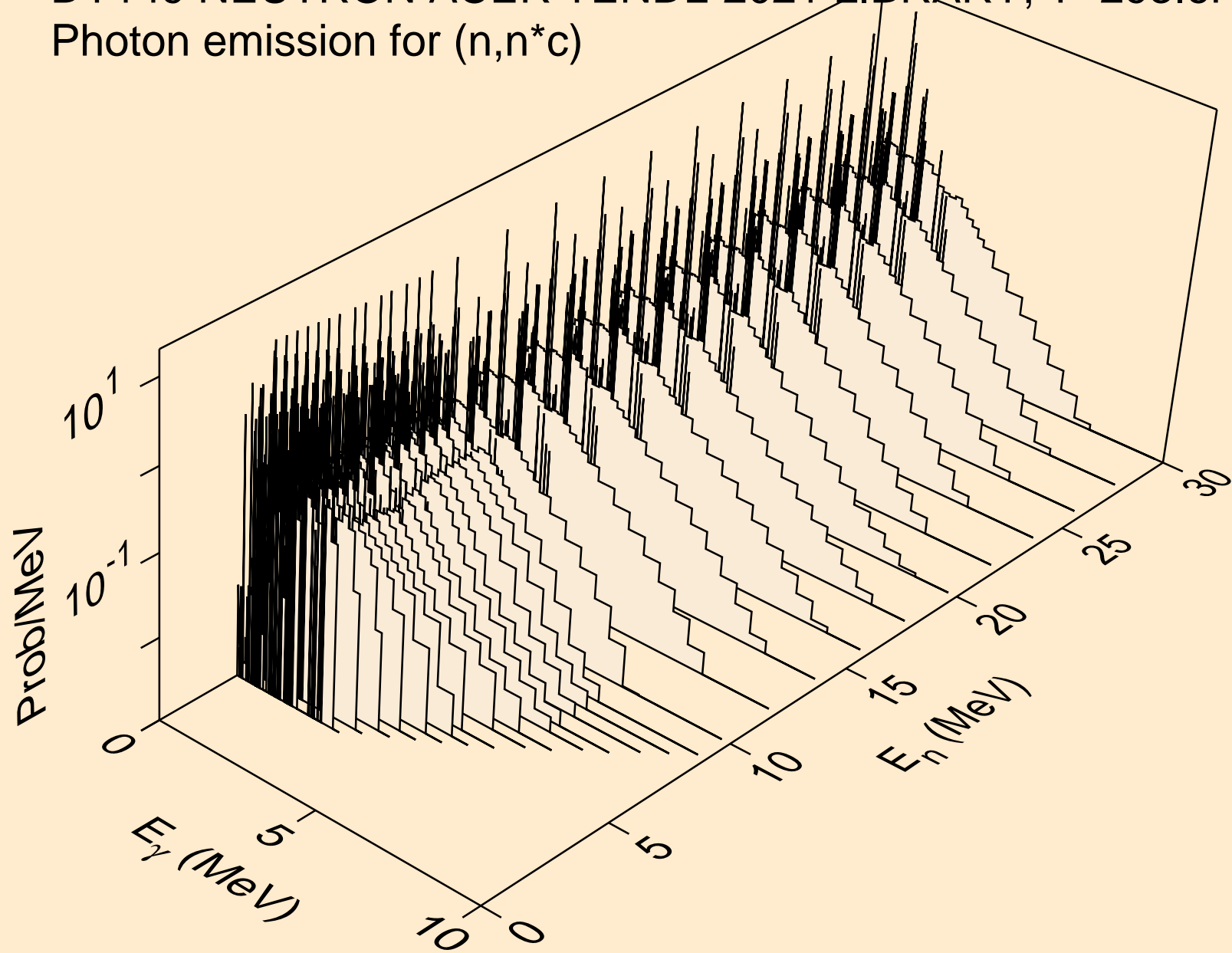
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



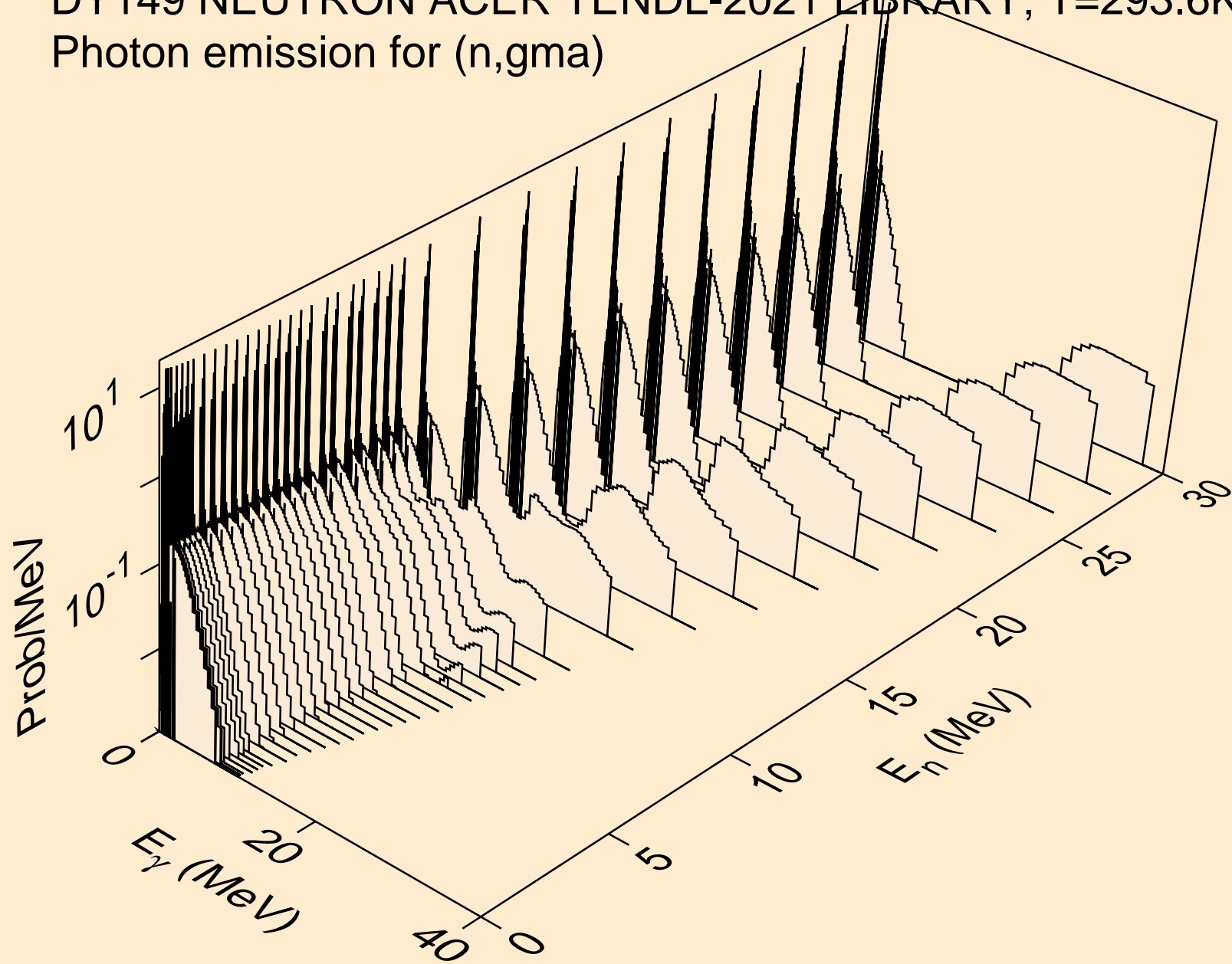
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



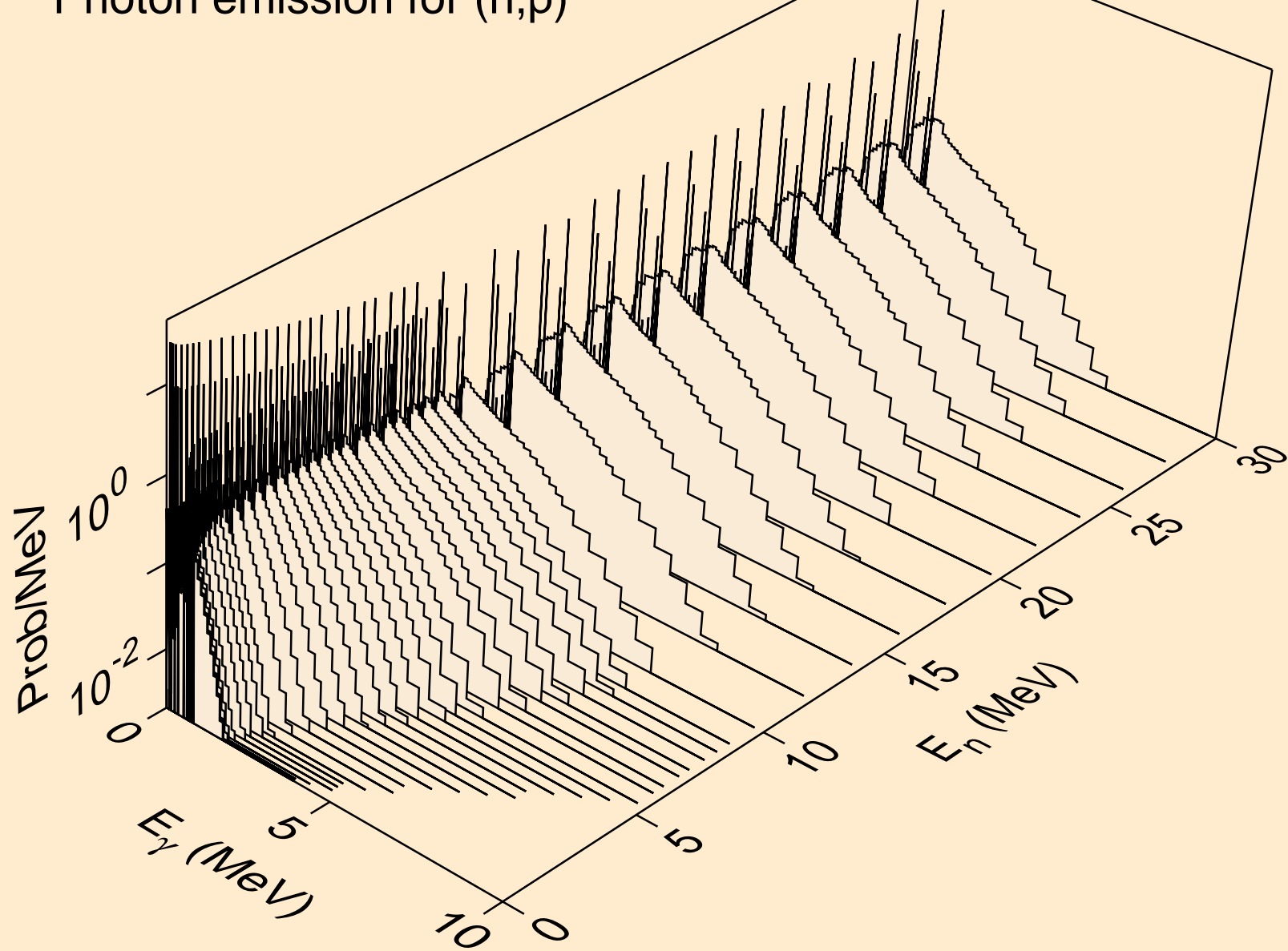
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

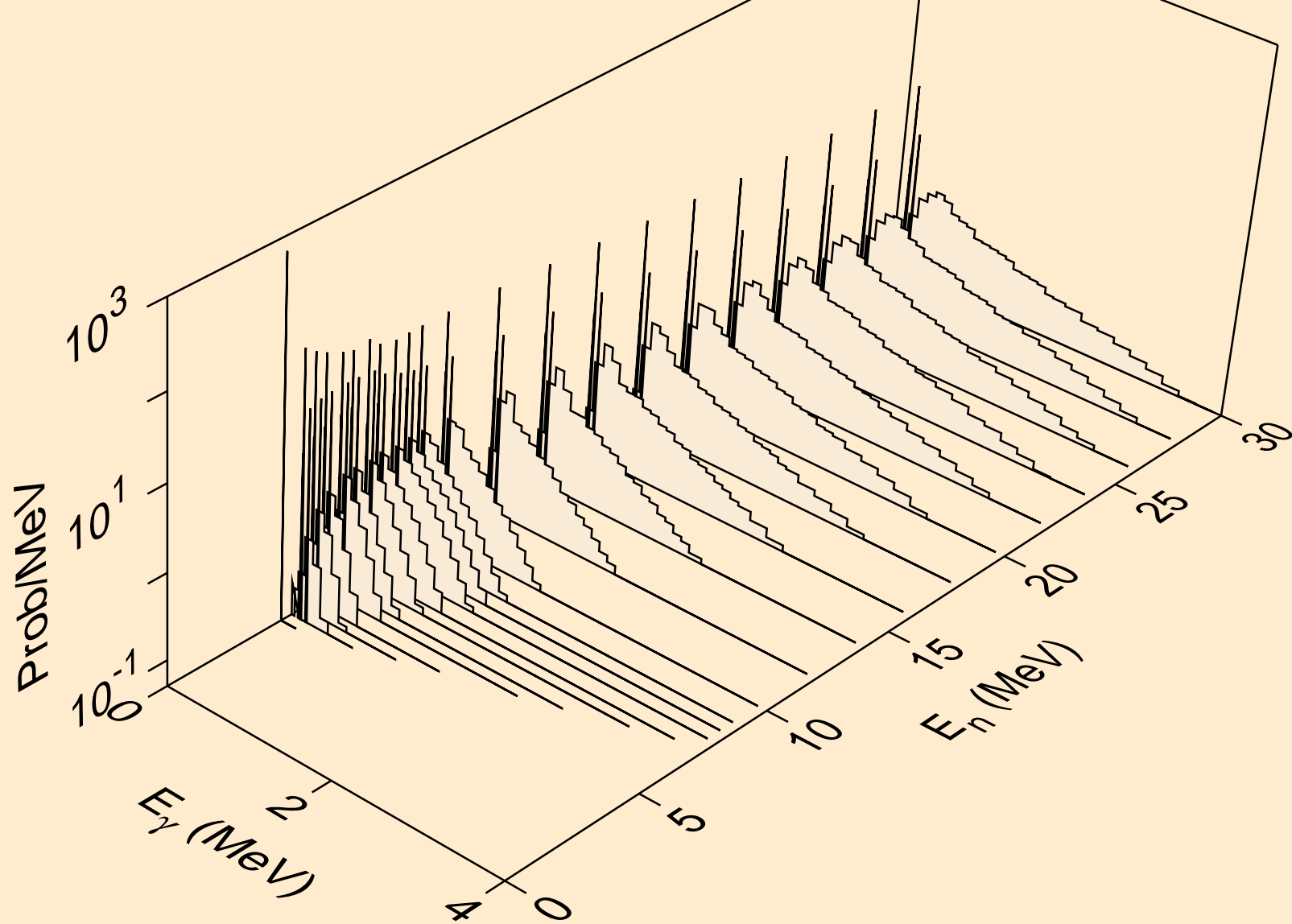


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

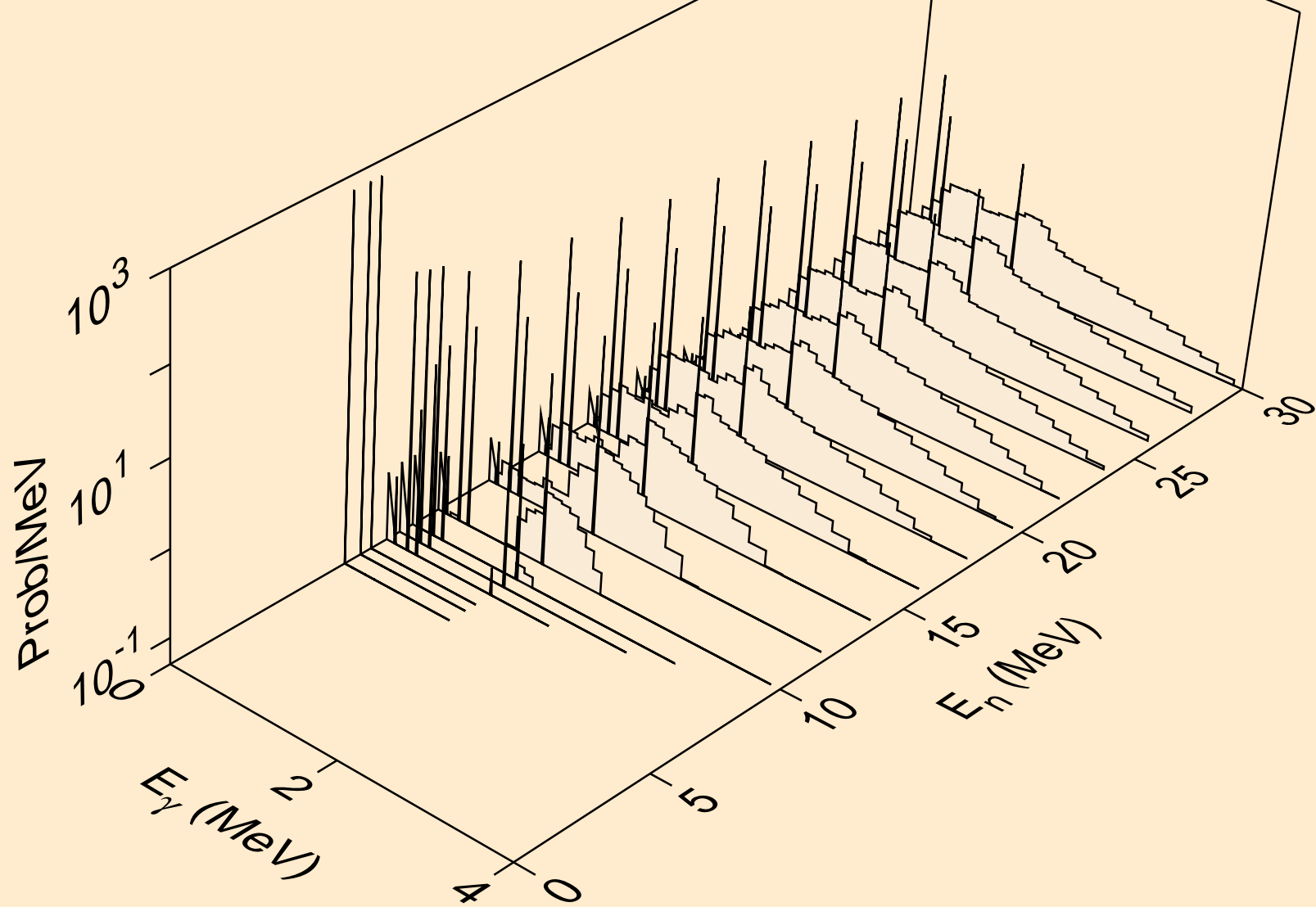




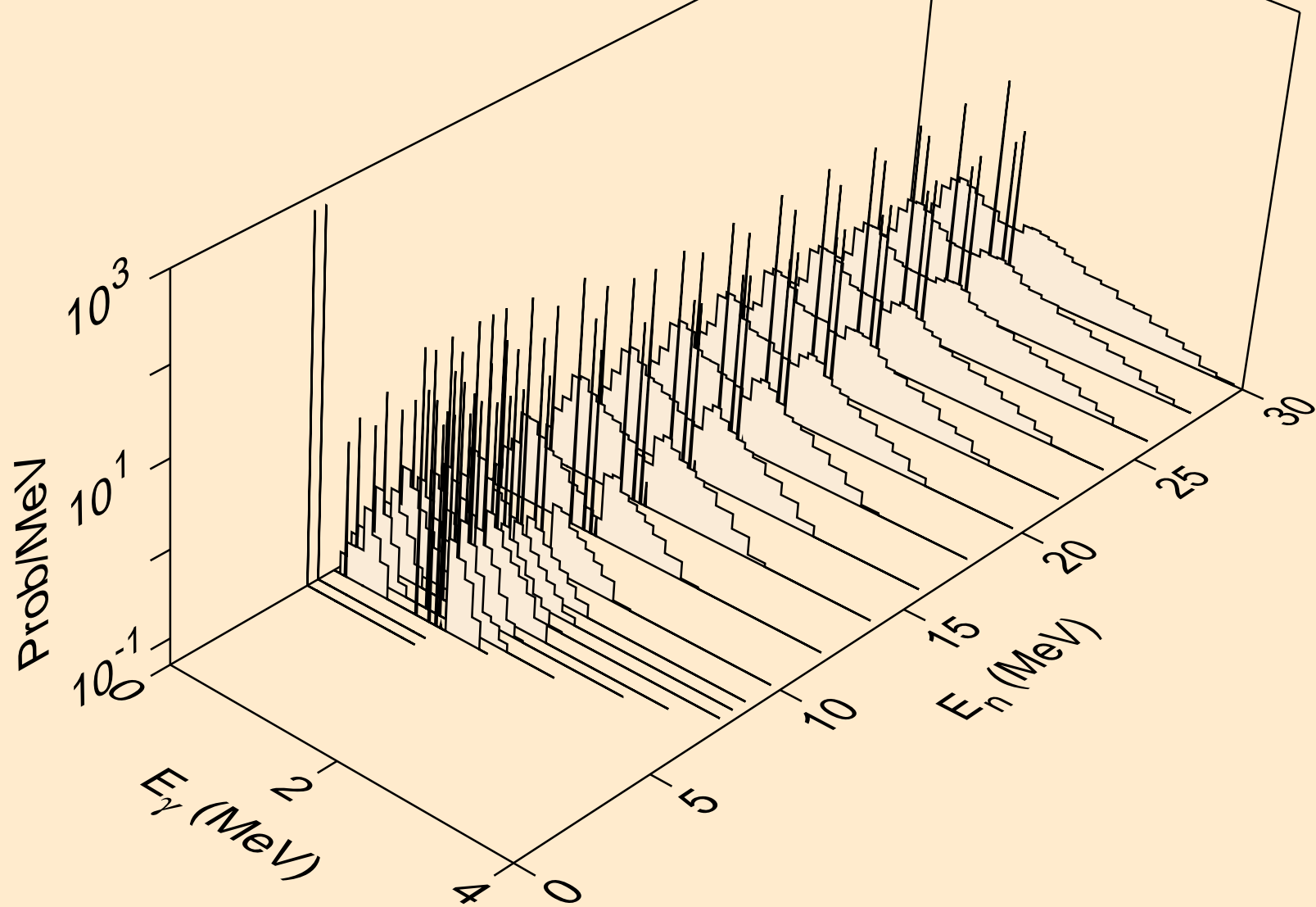
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



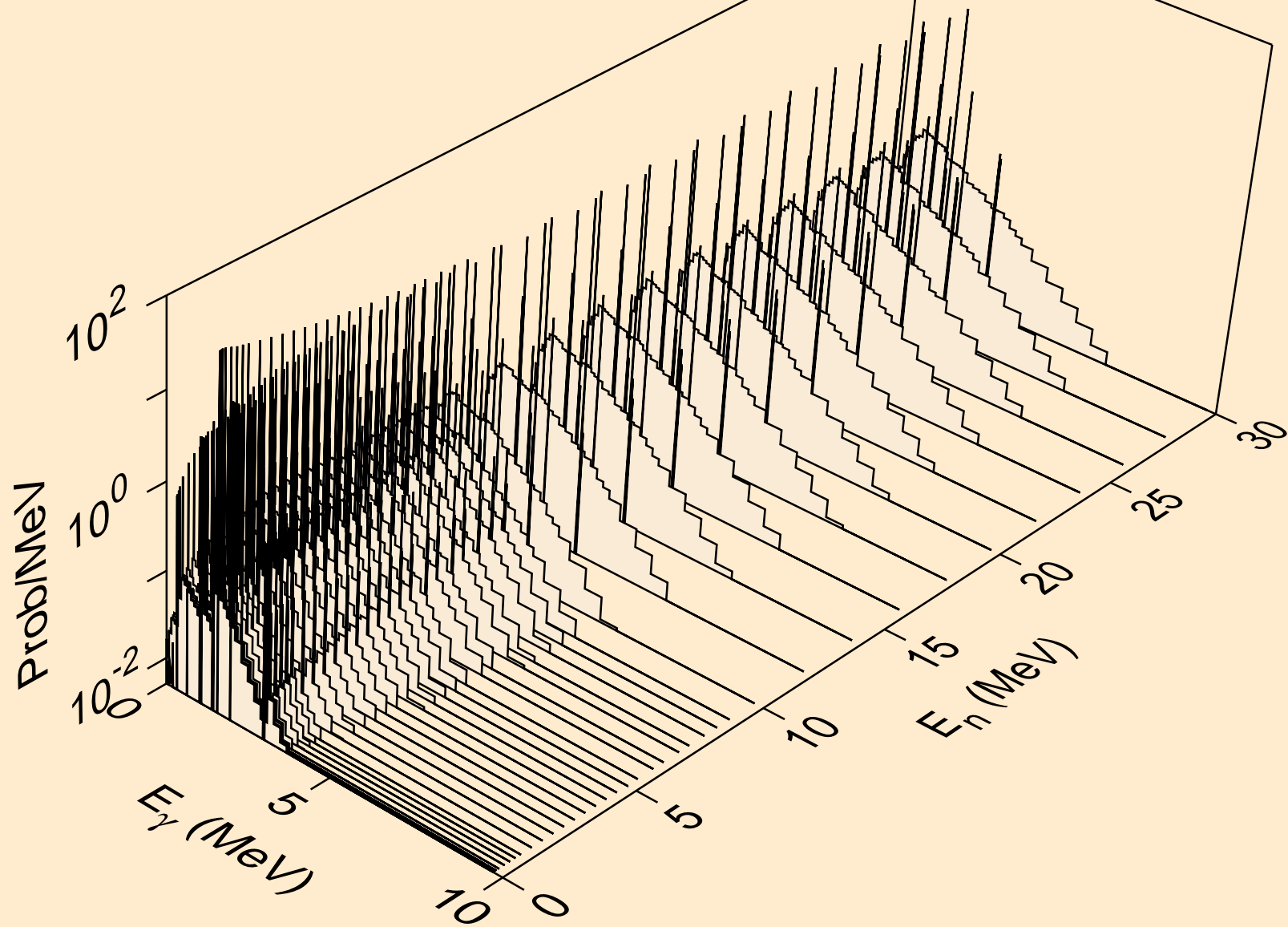
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



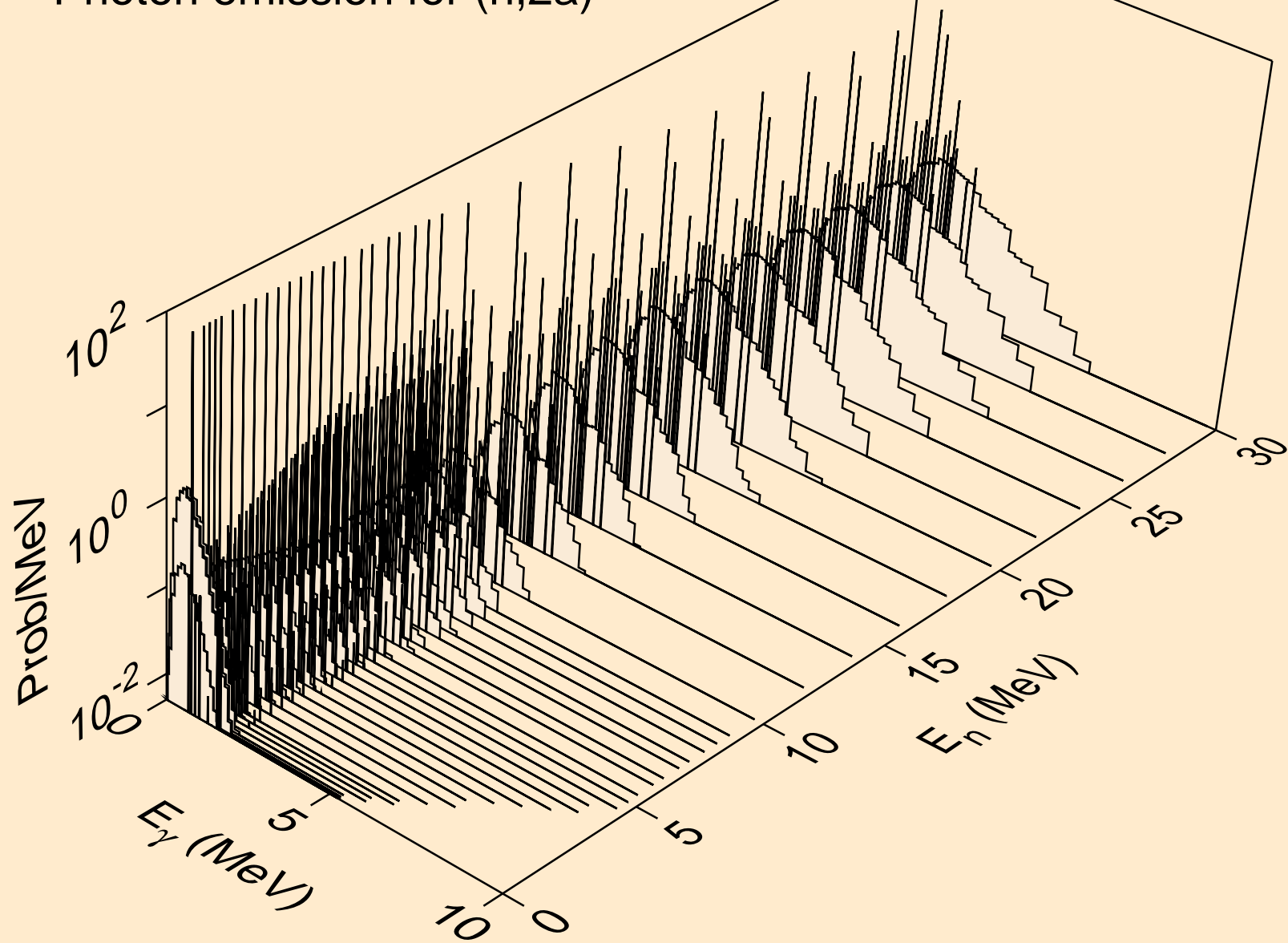
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



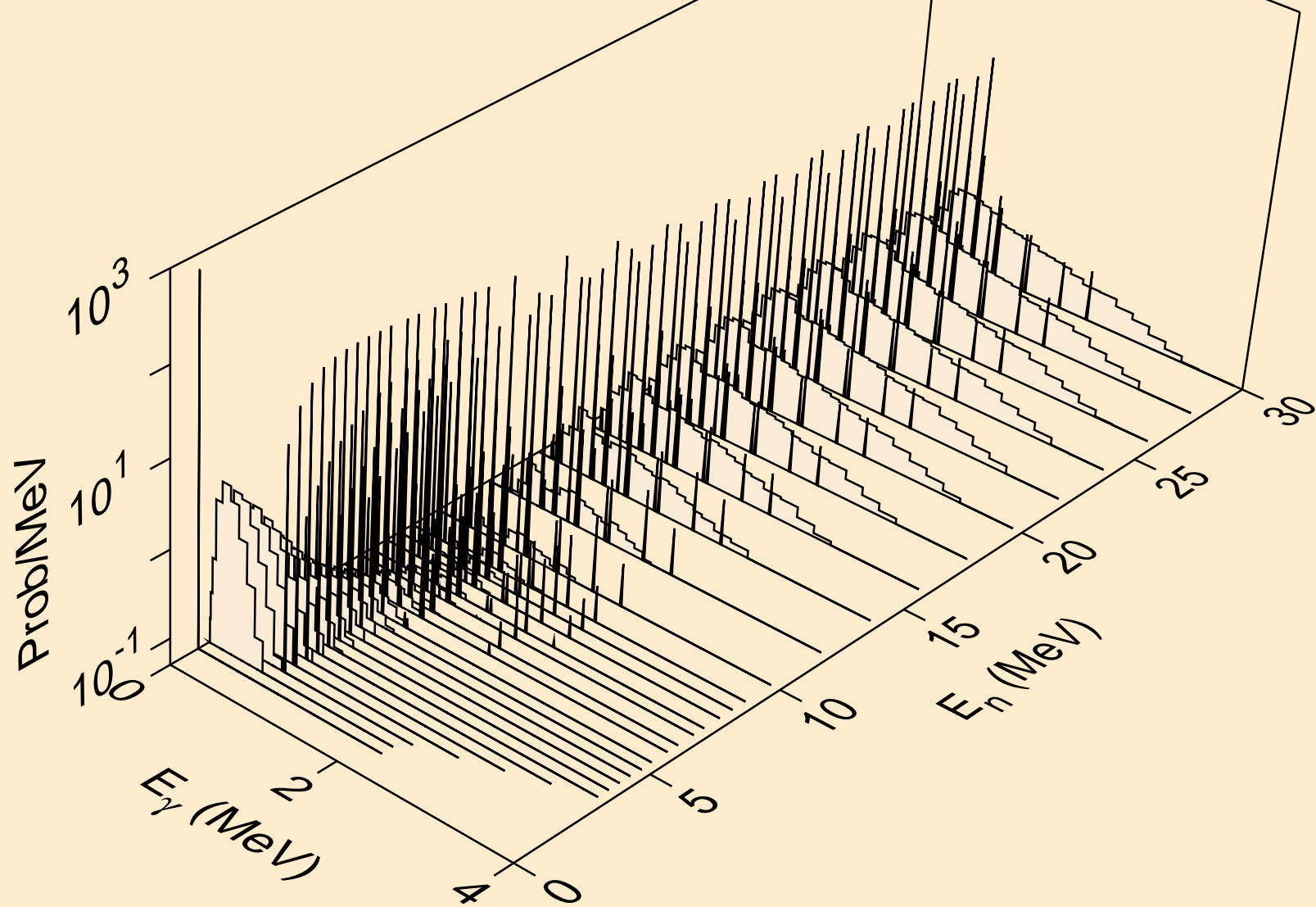
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



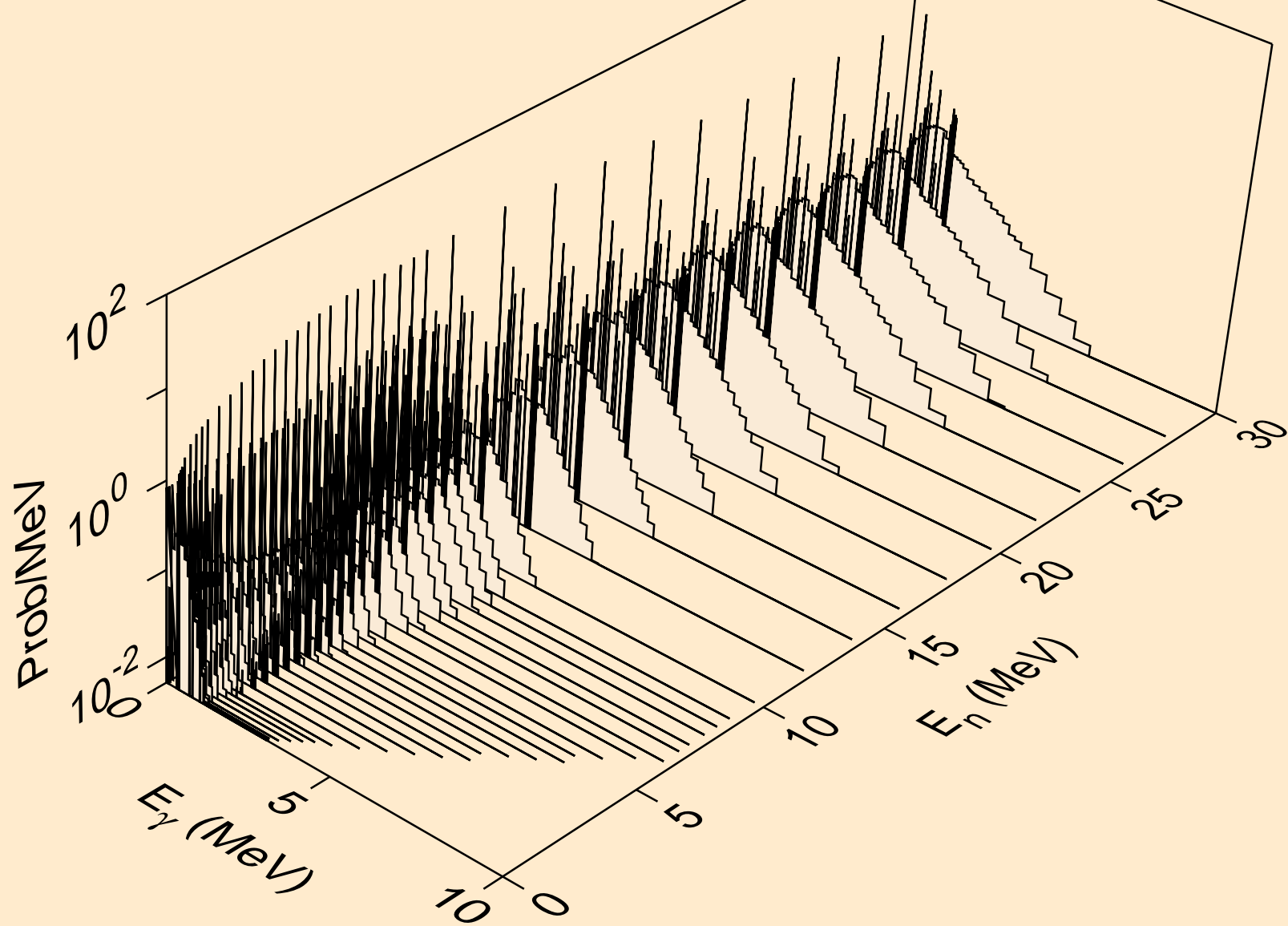
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



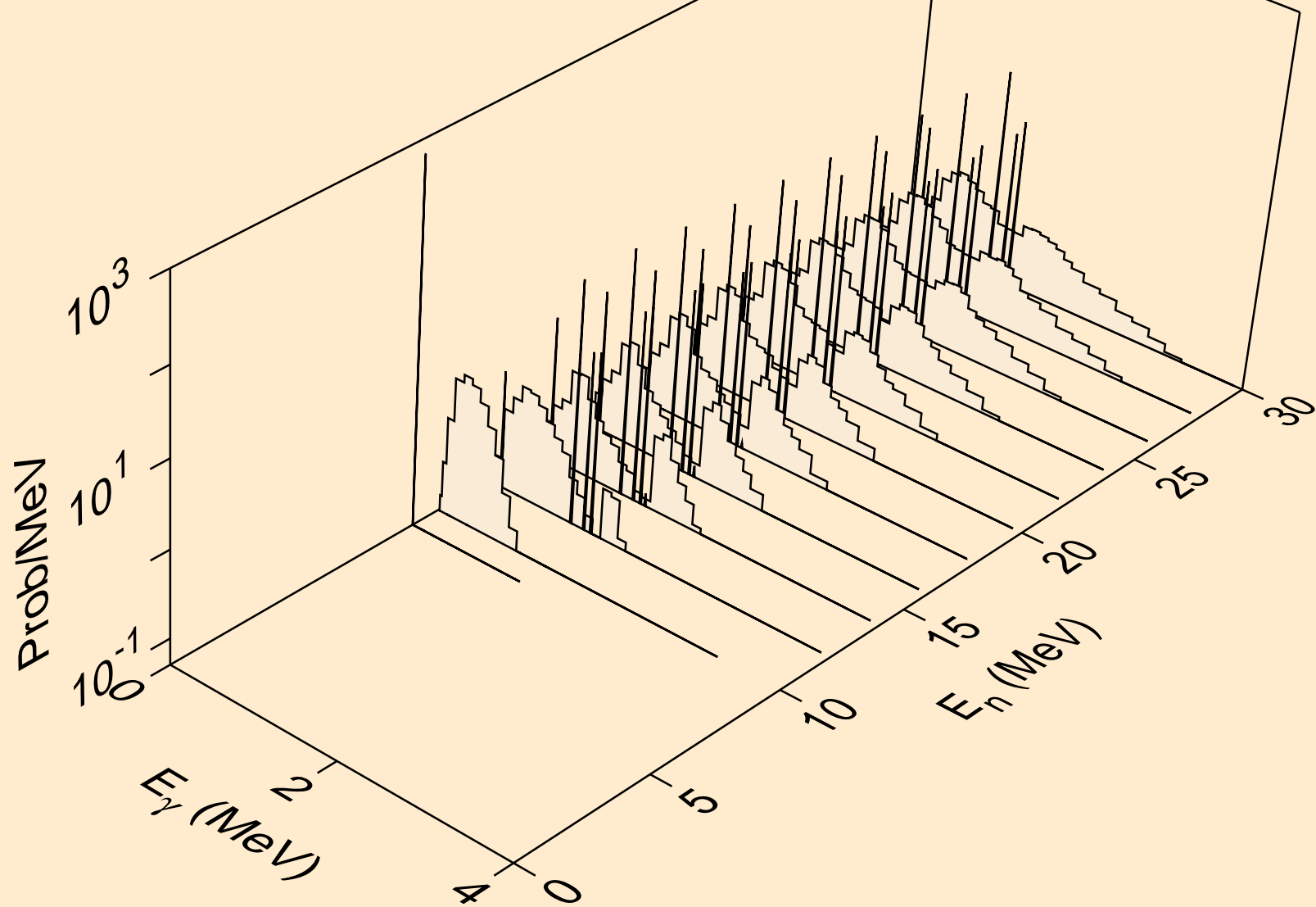
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

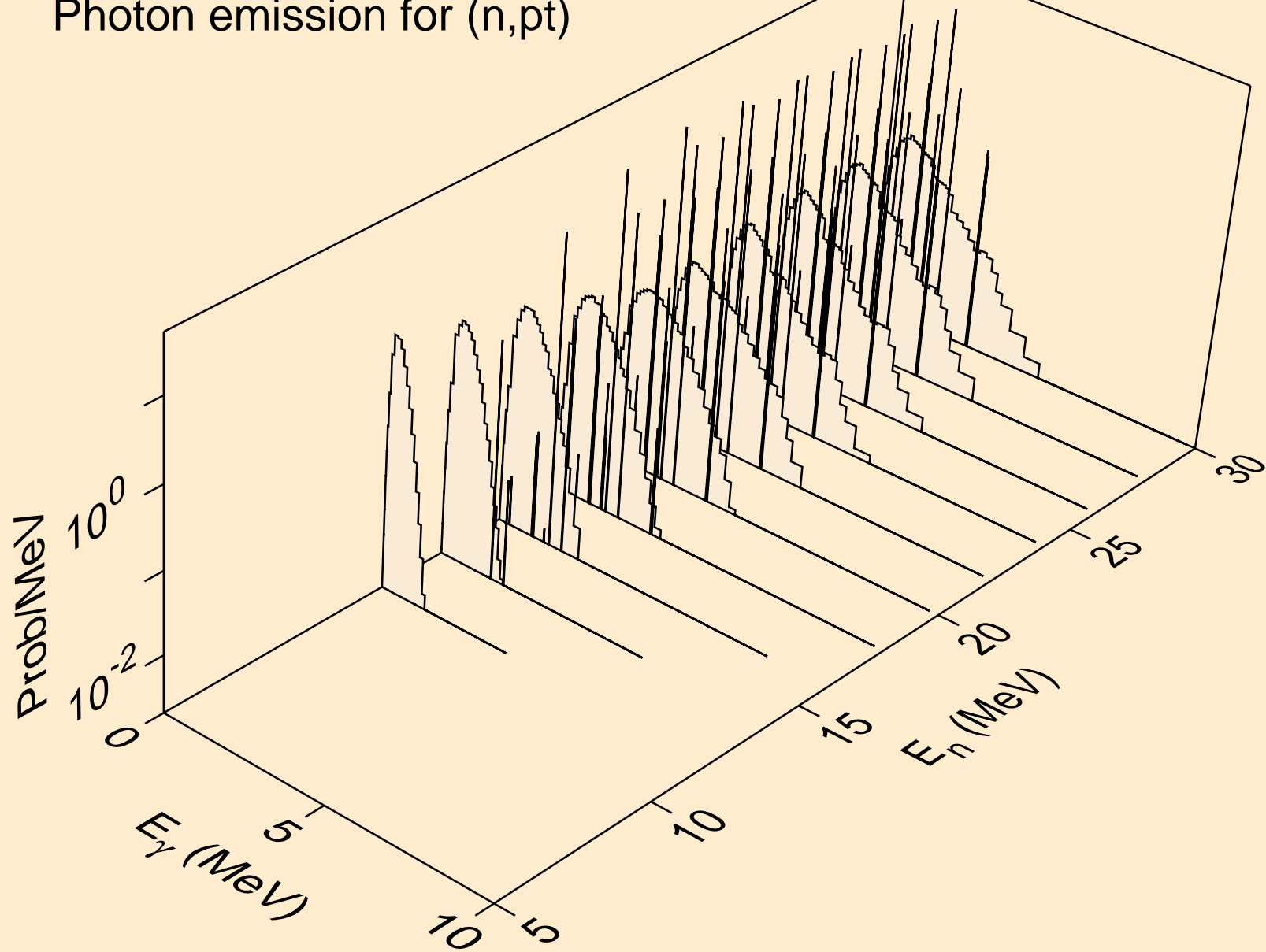


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

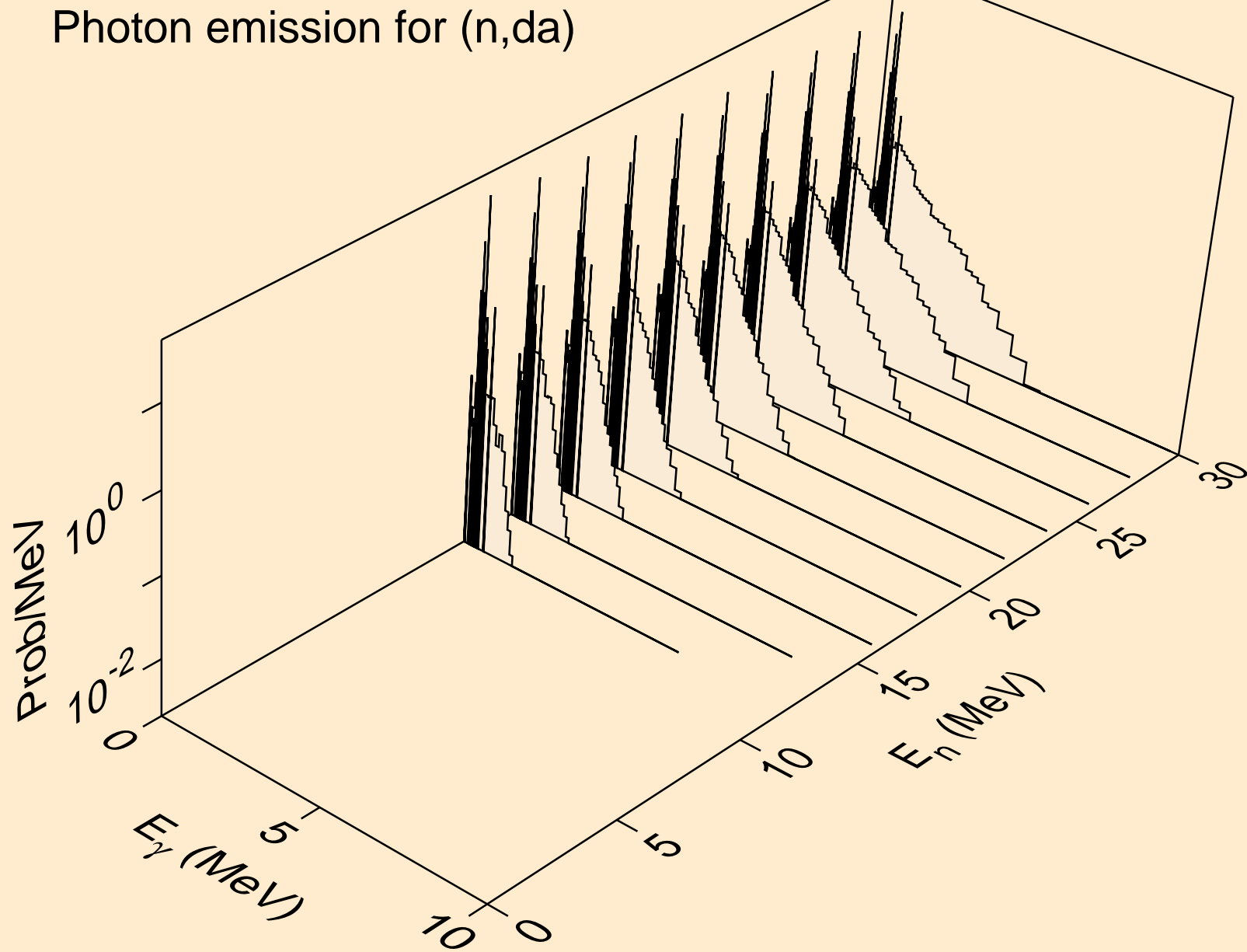




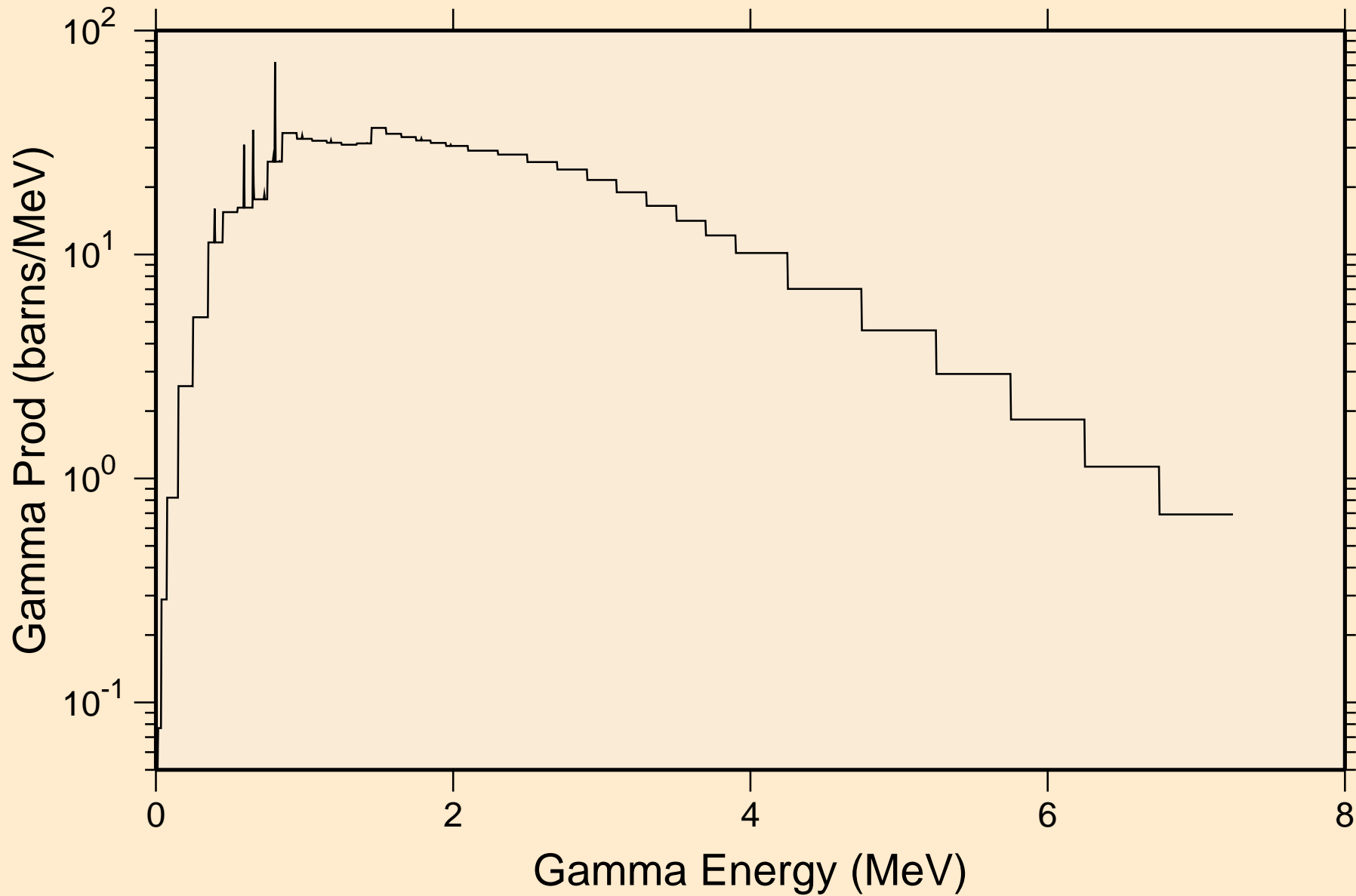
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



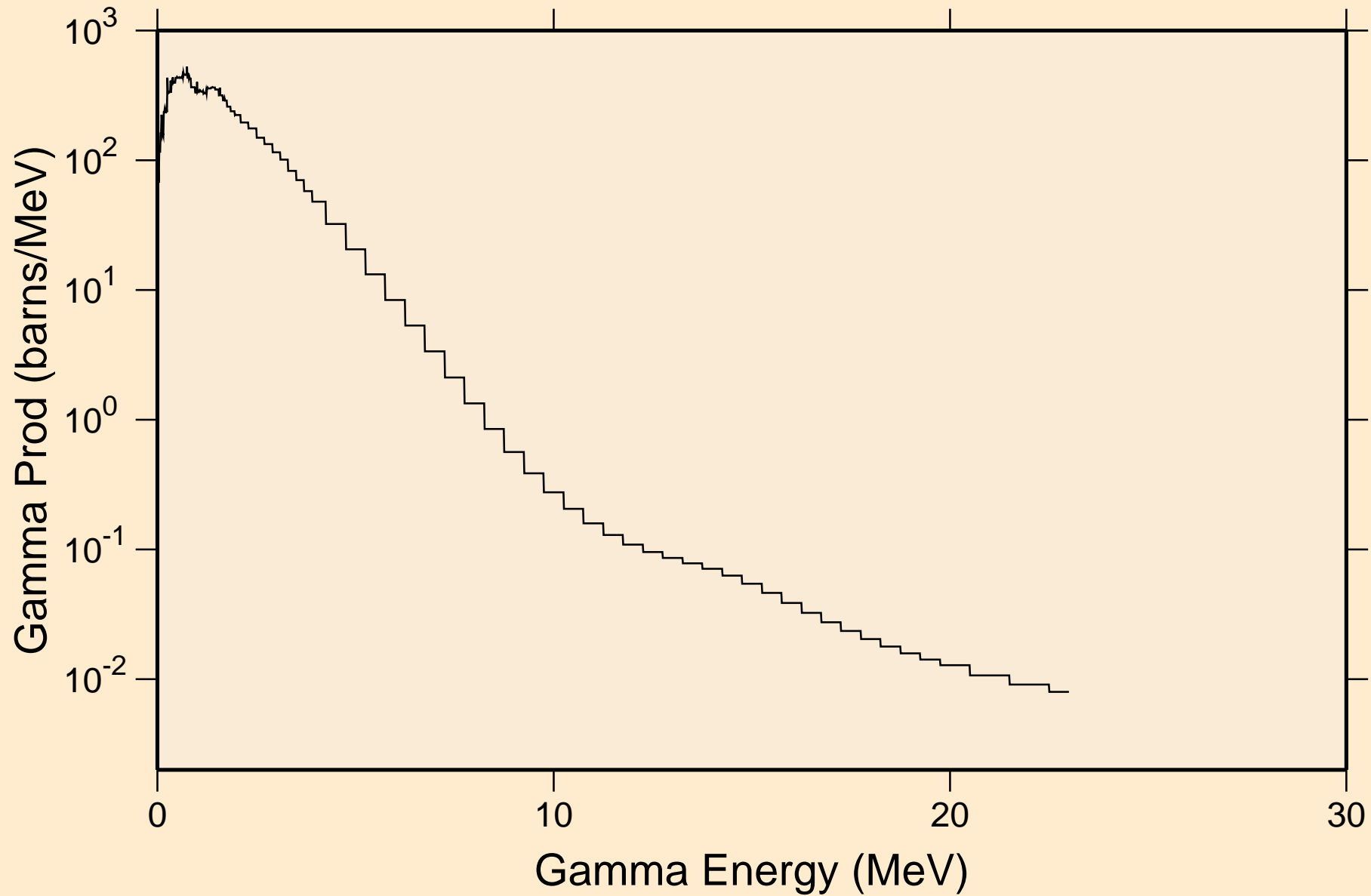
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

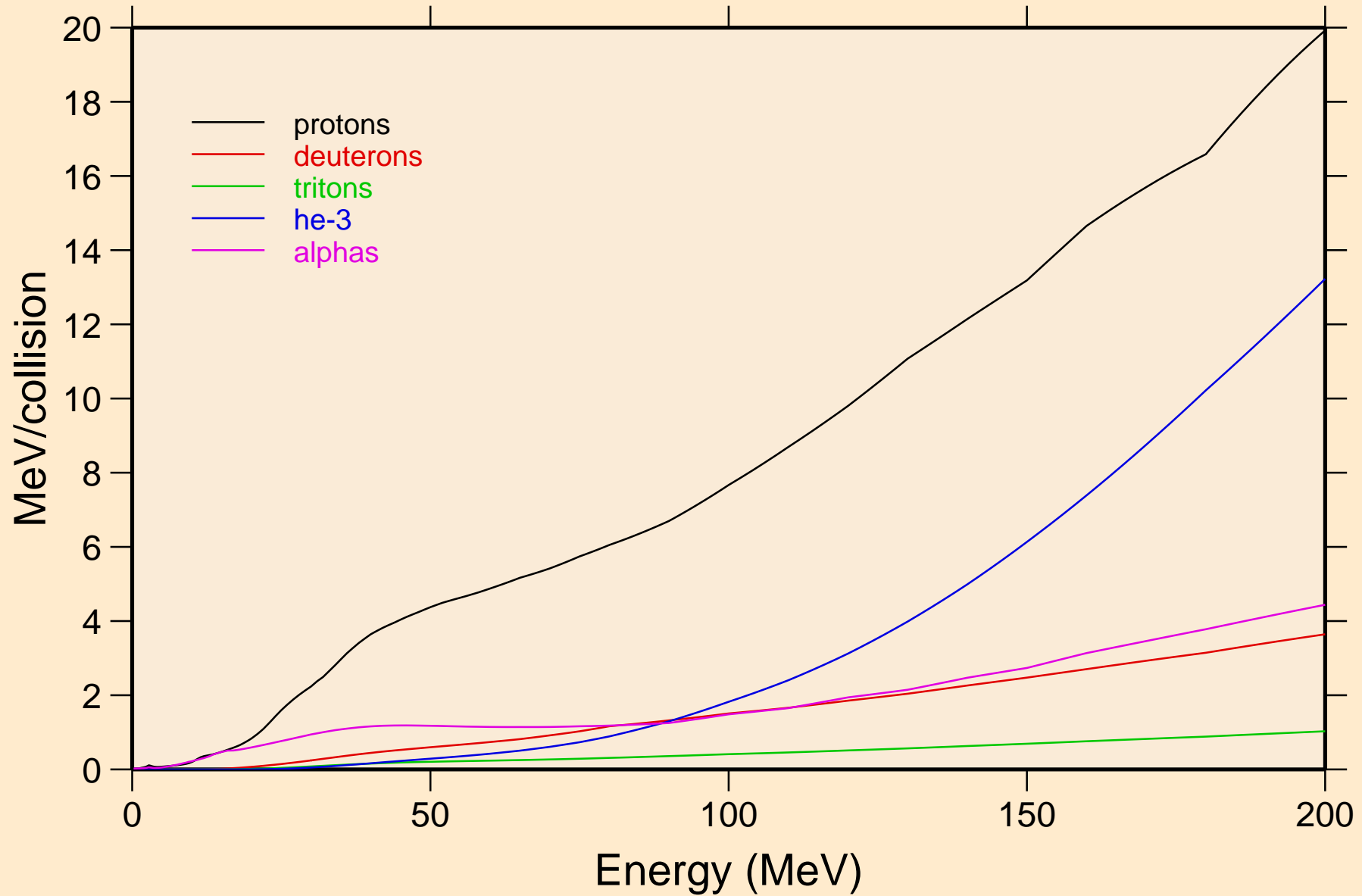


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

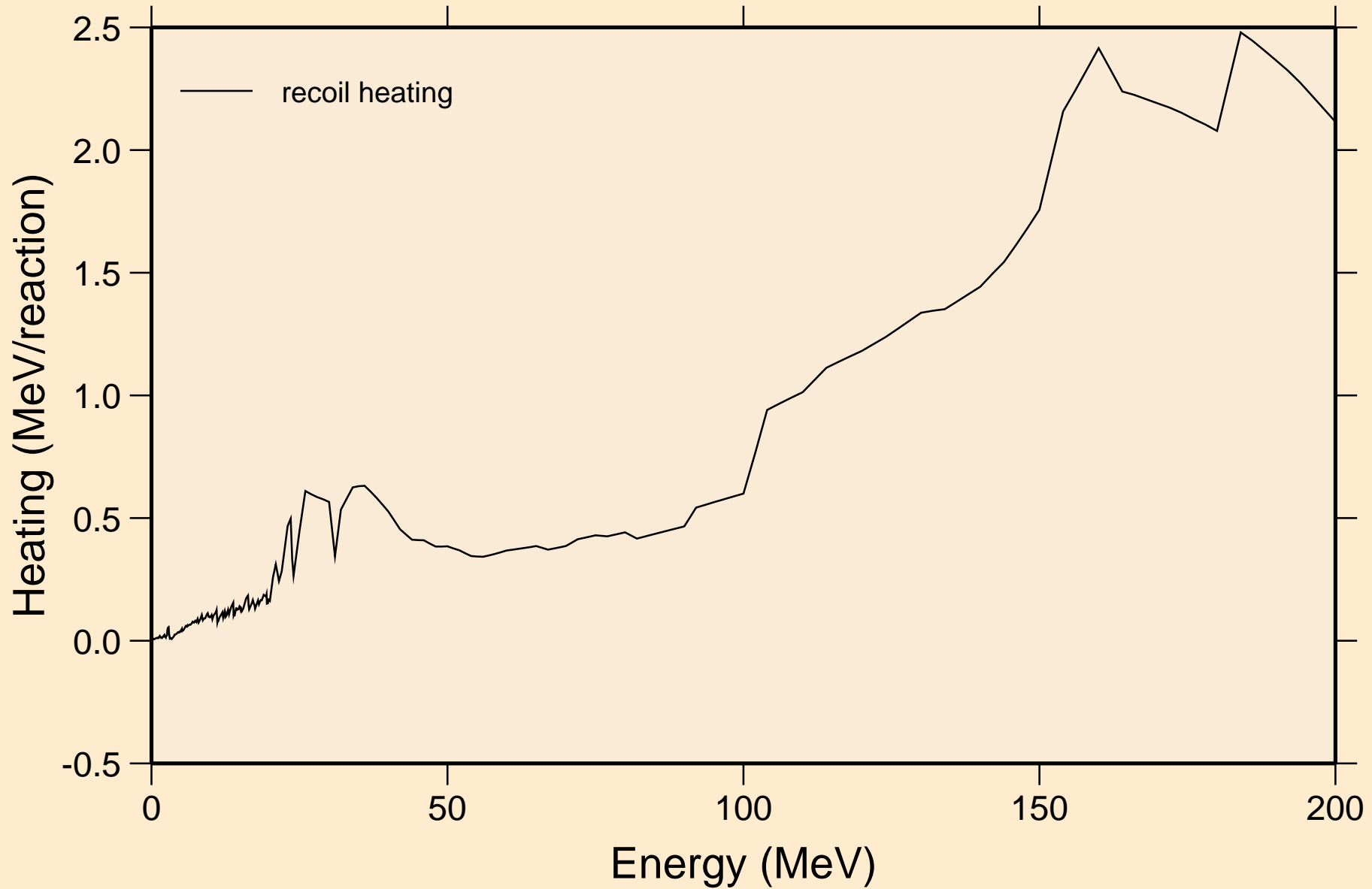


# DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

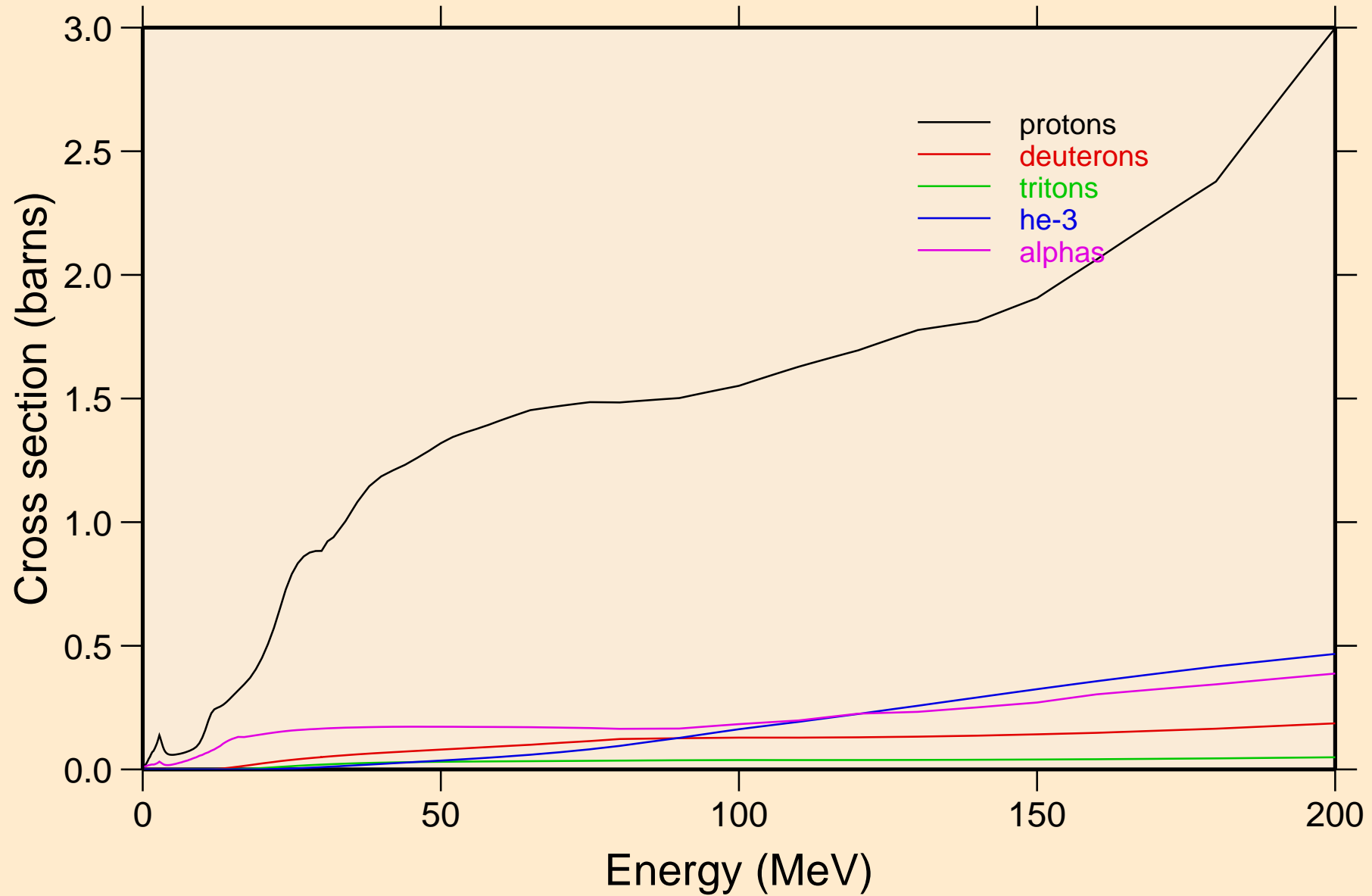
## Particle heating contributions



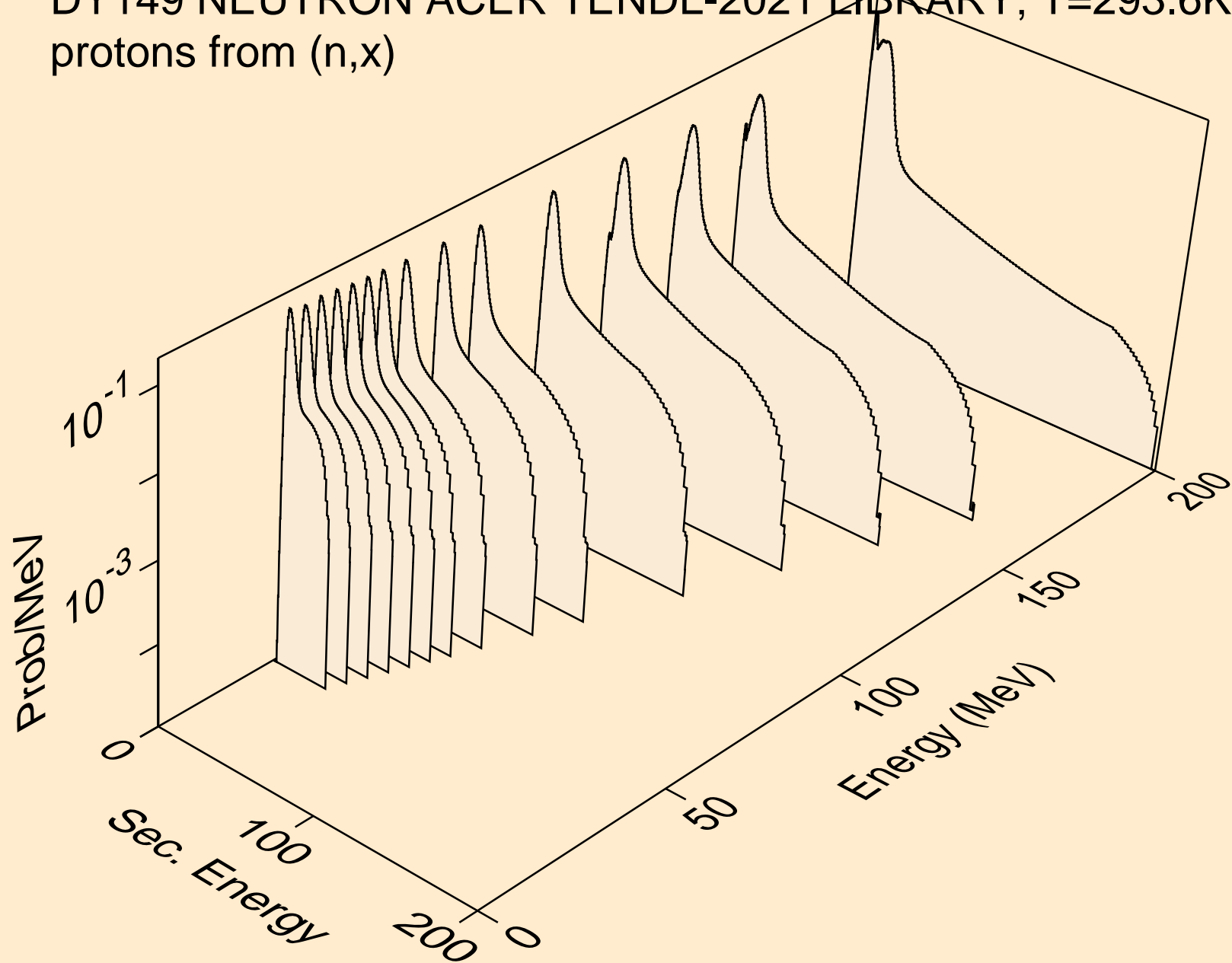
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

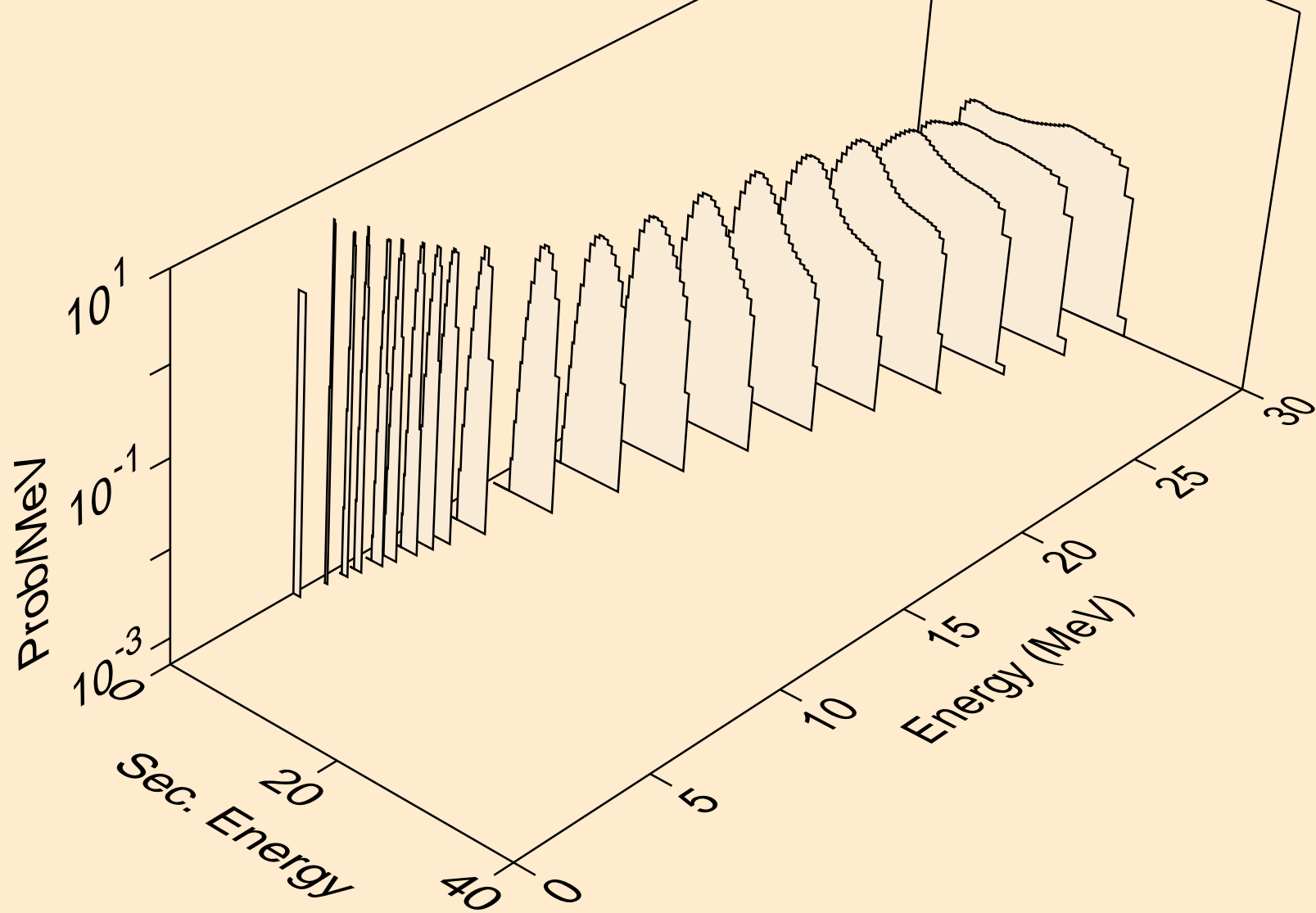


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

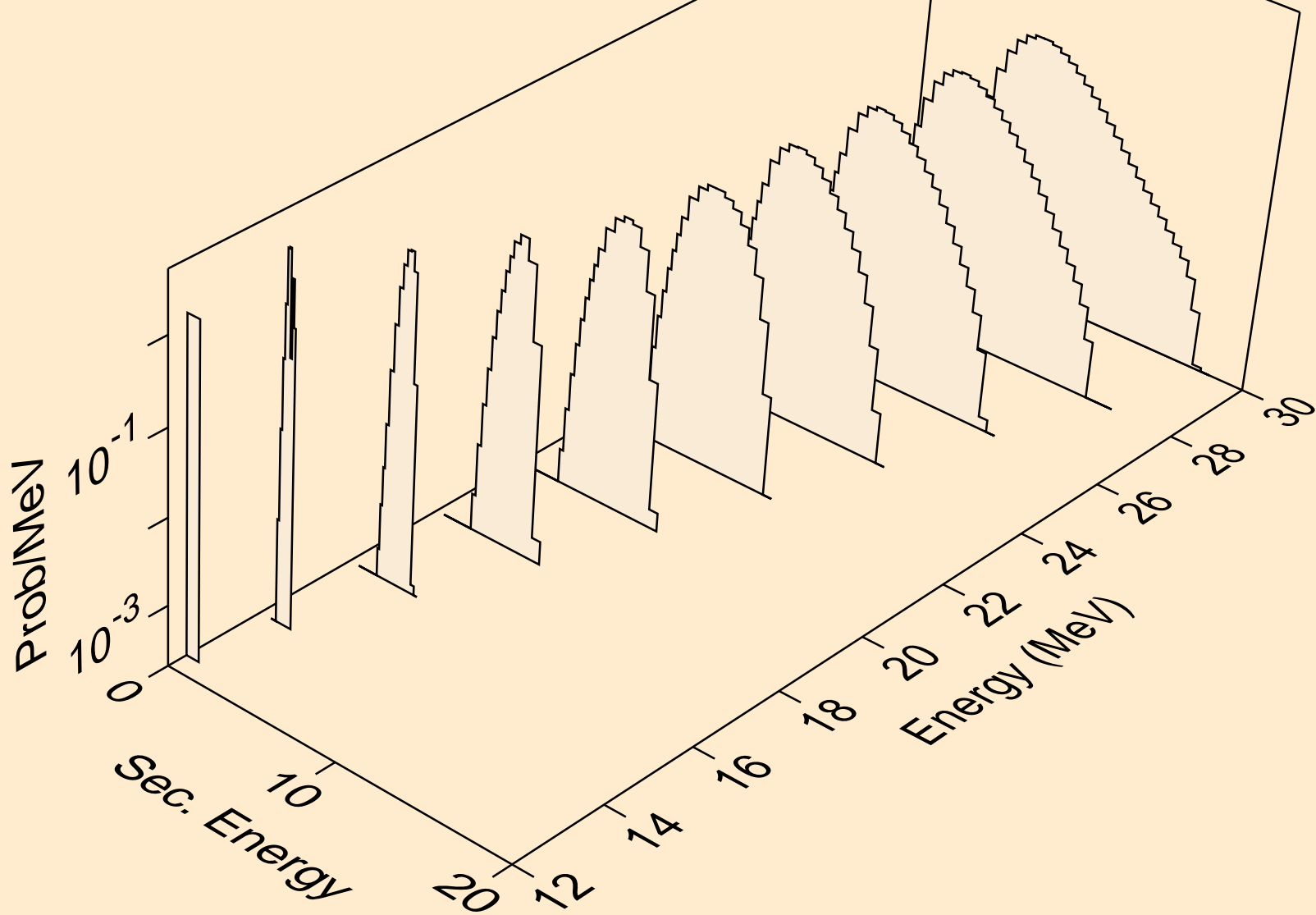




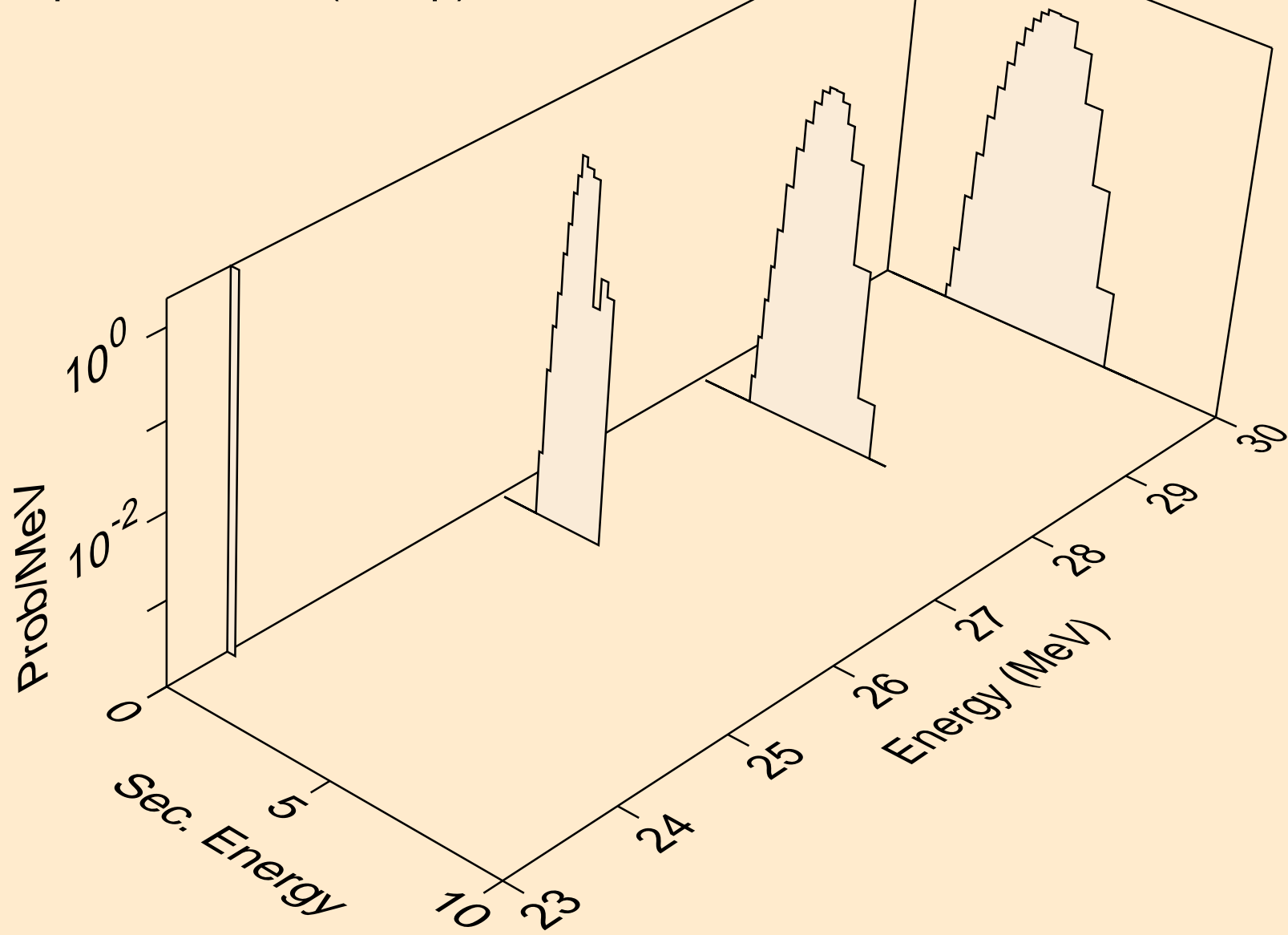
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



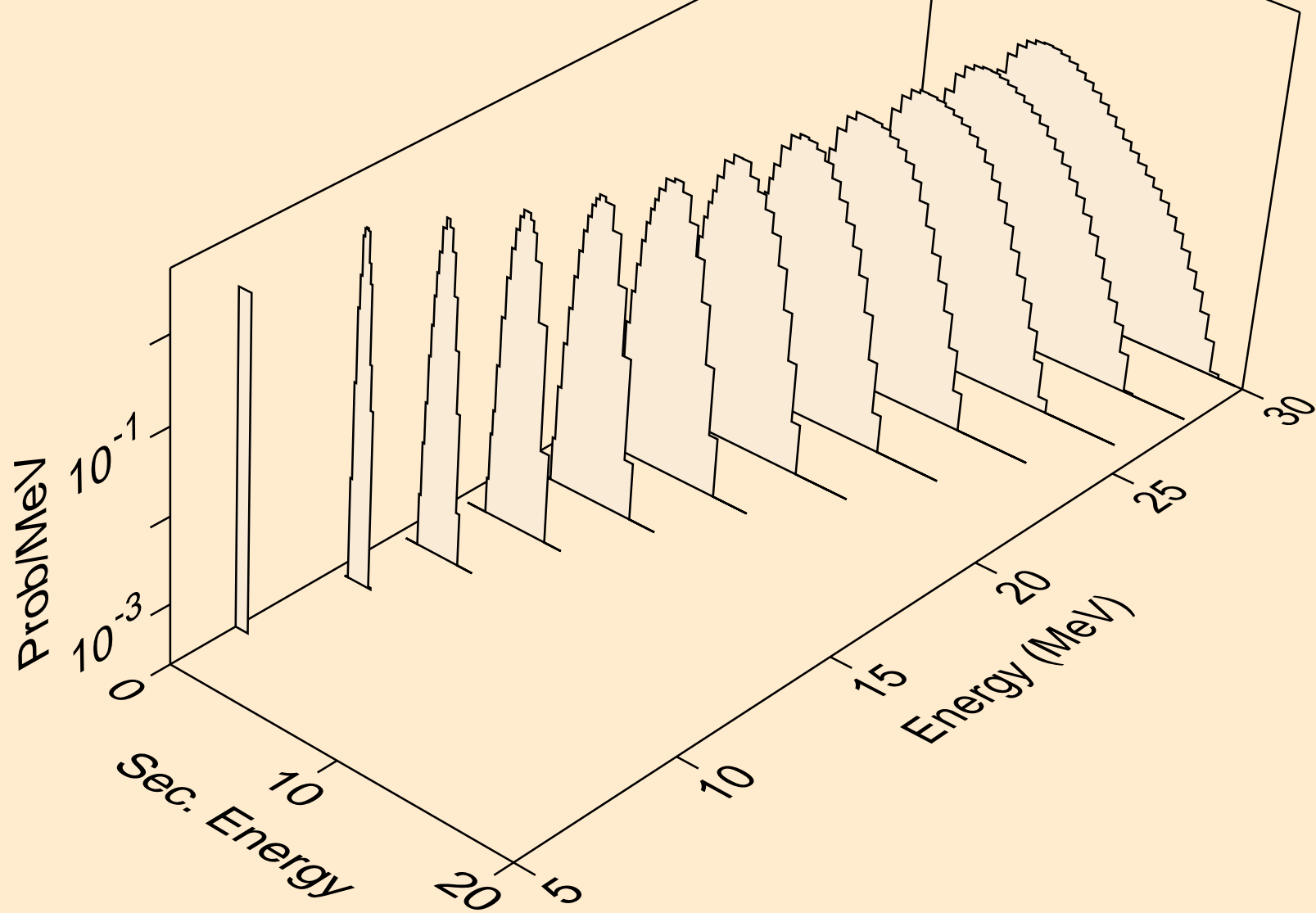
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



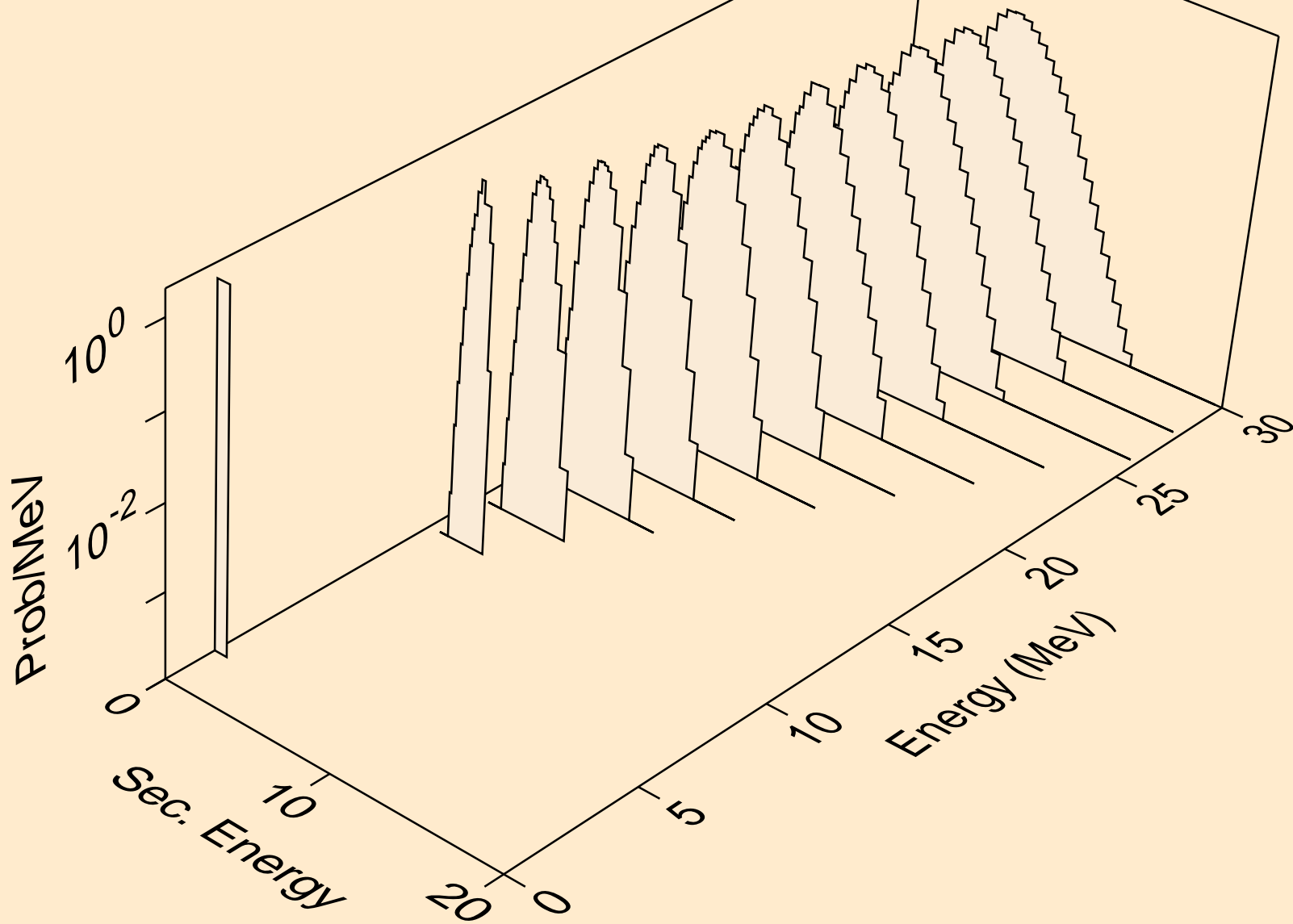
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



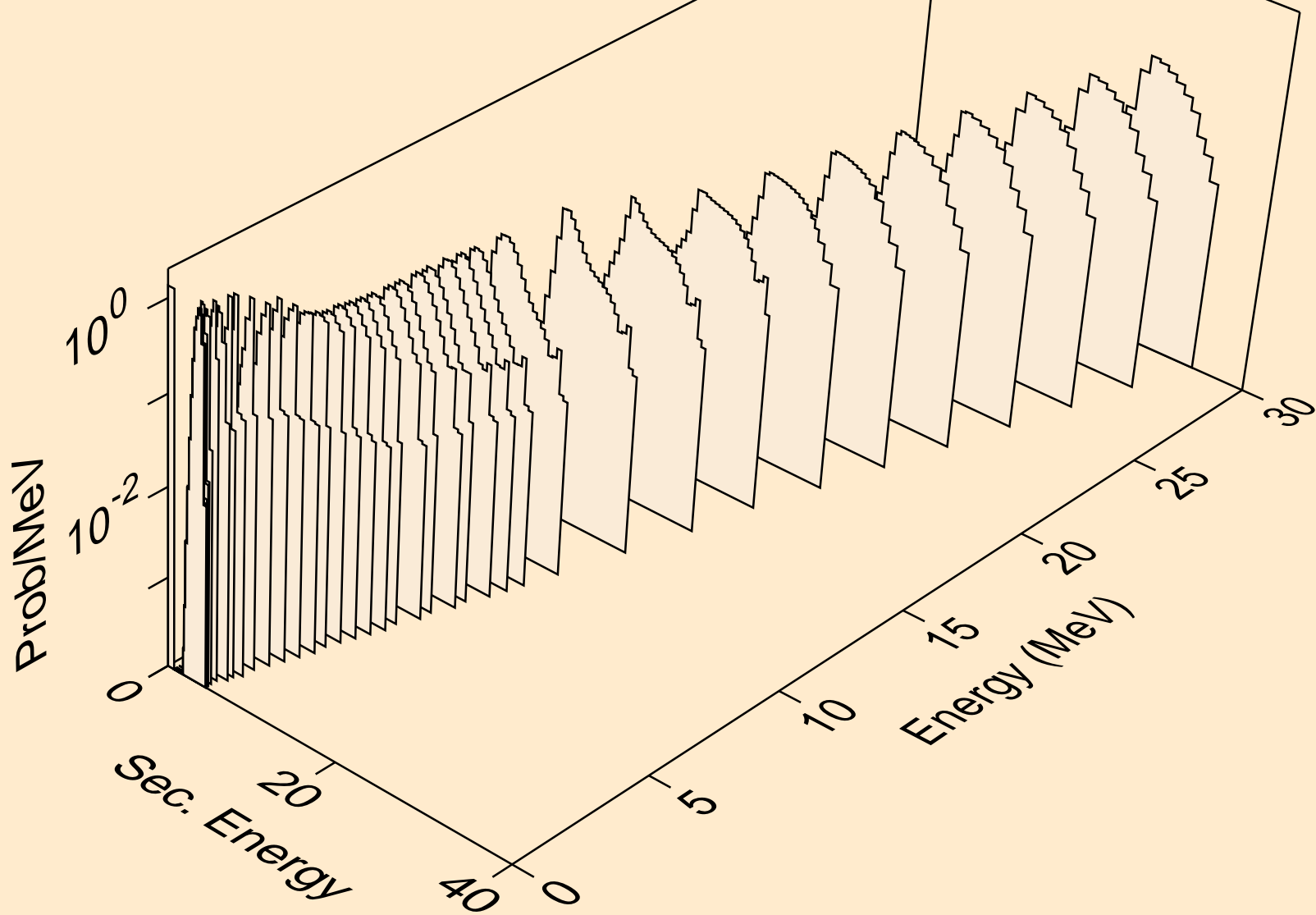
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



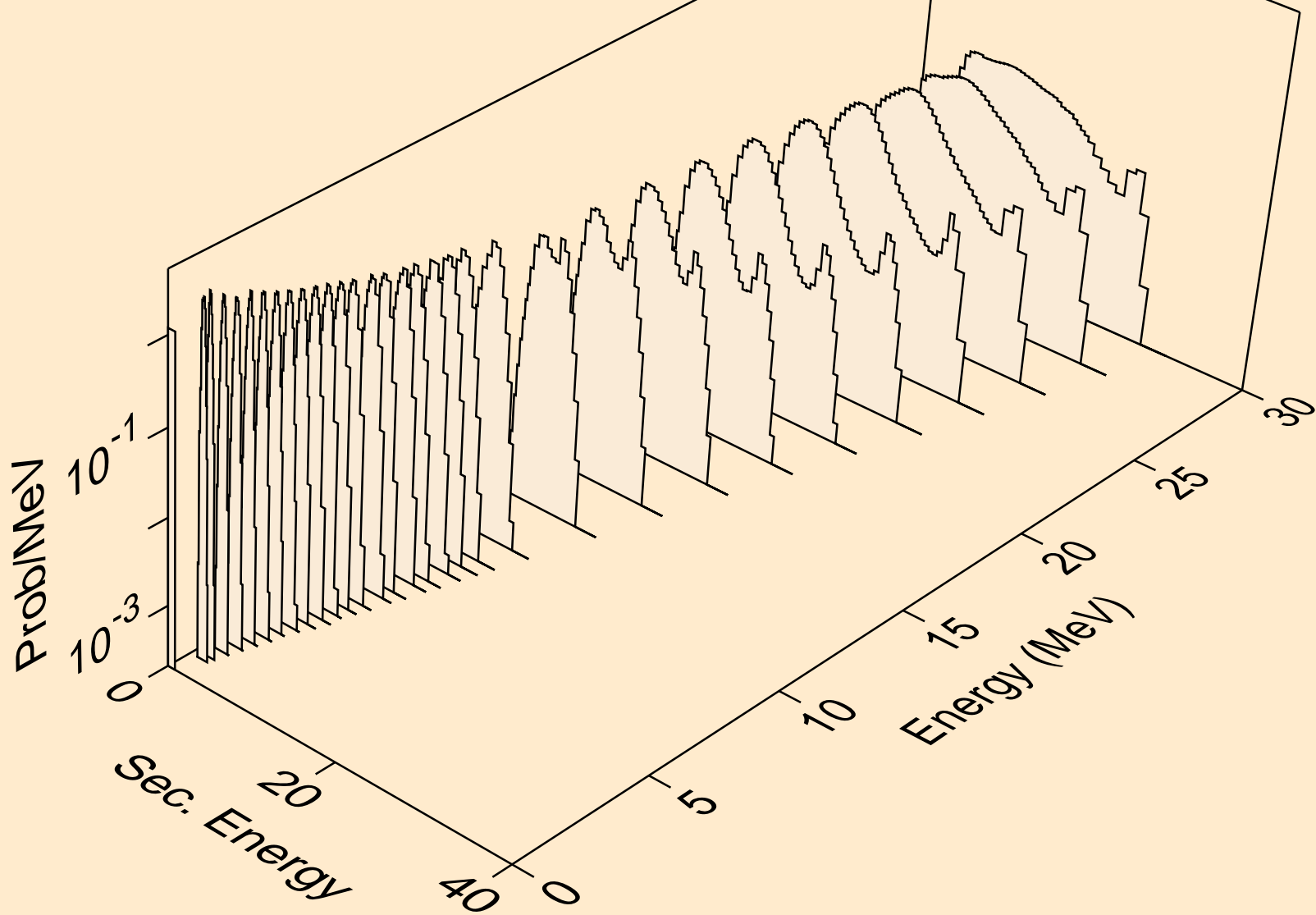
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



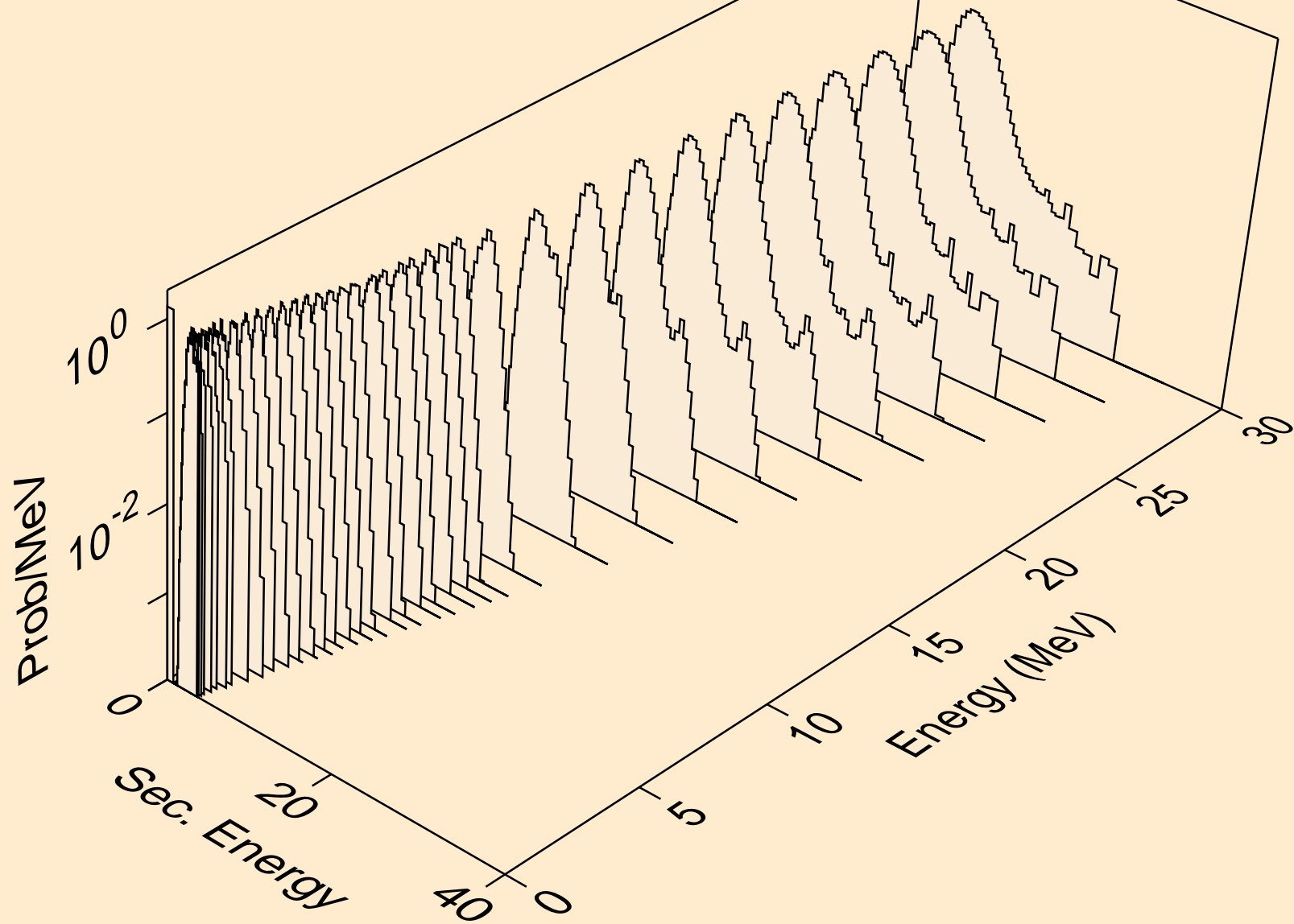
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)

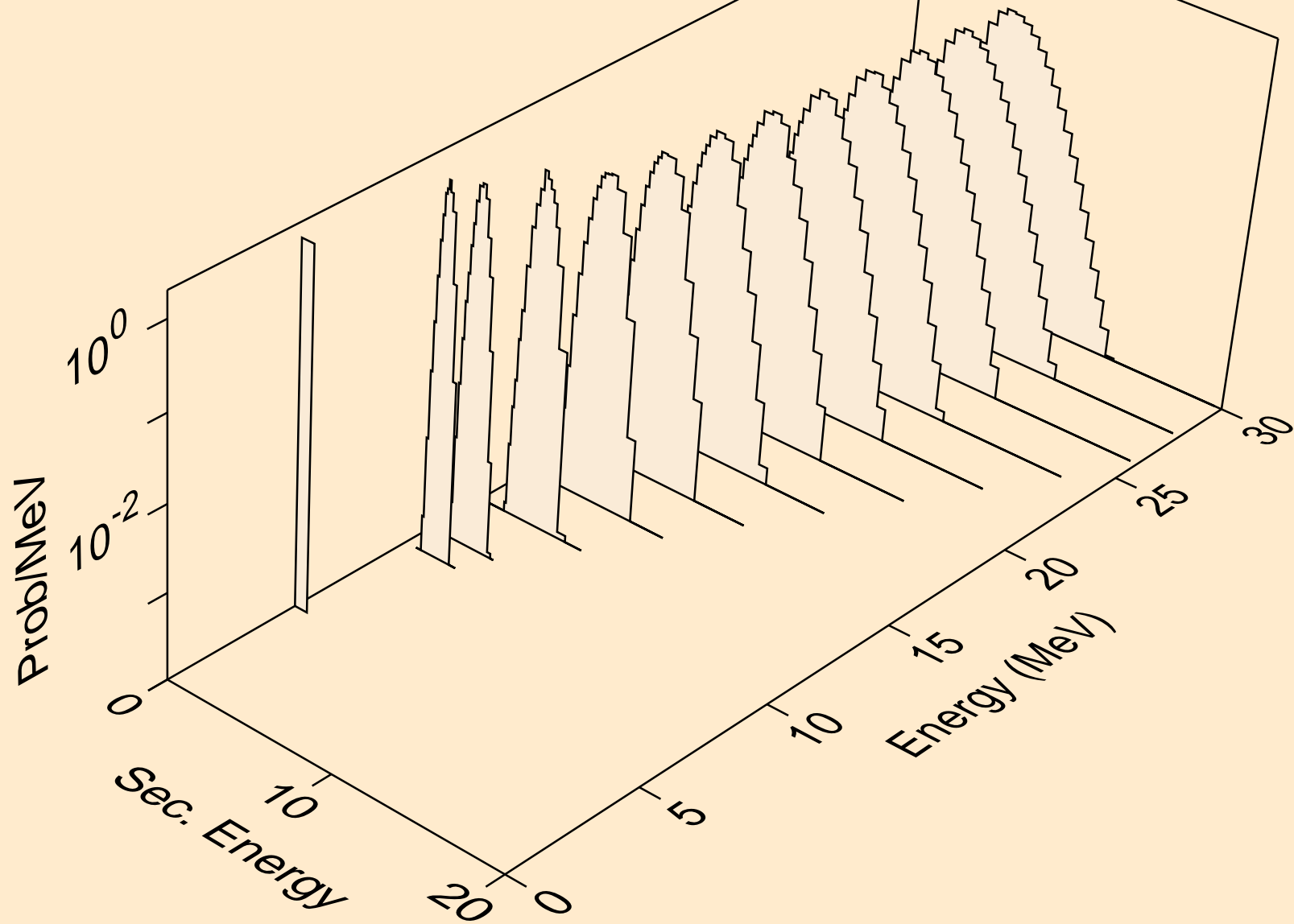


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

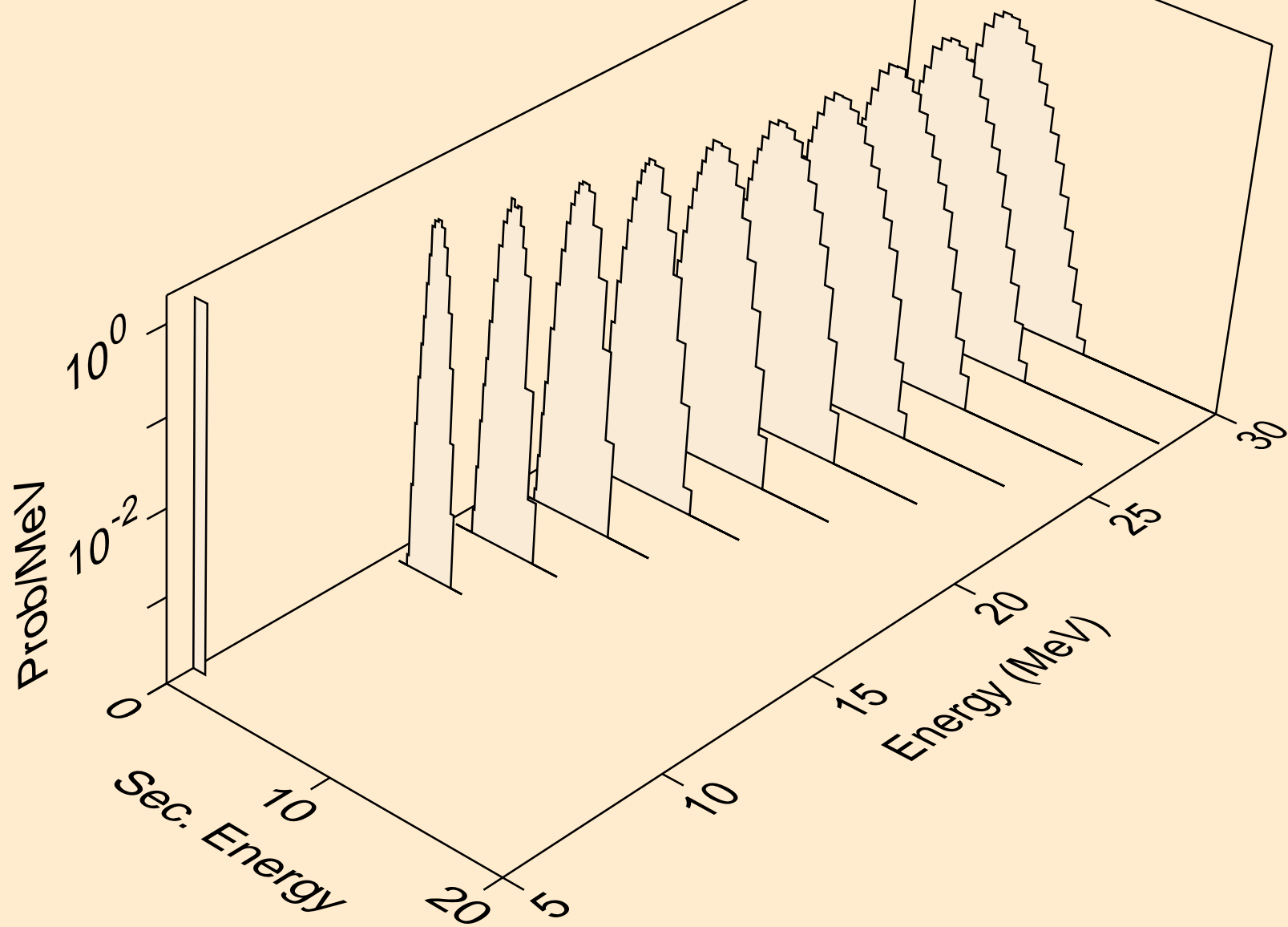




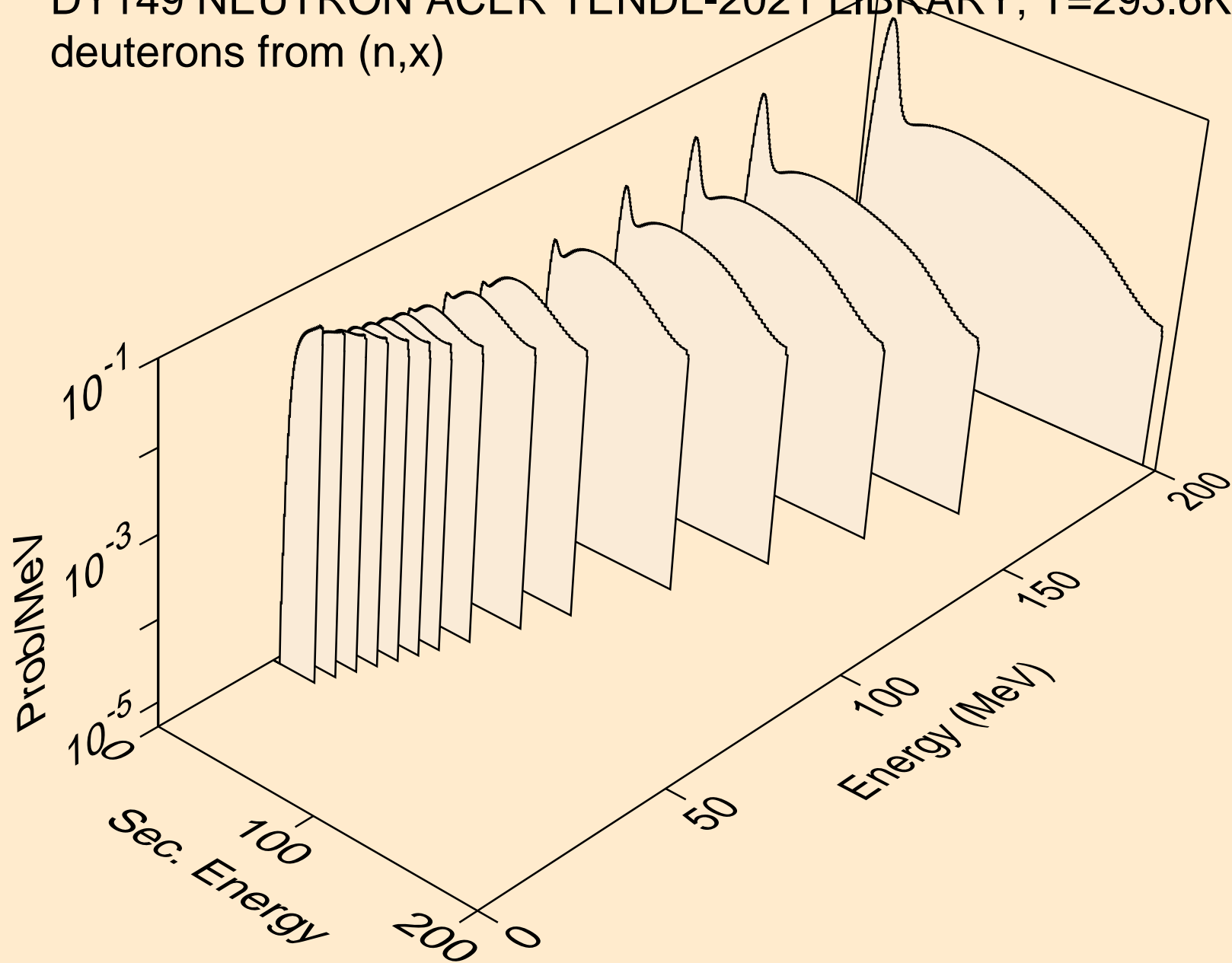
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



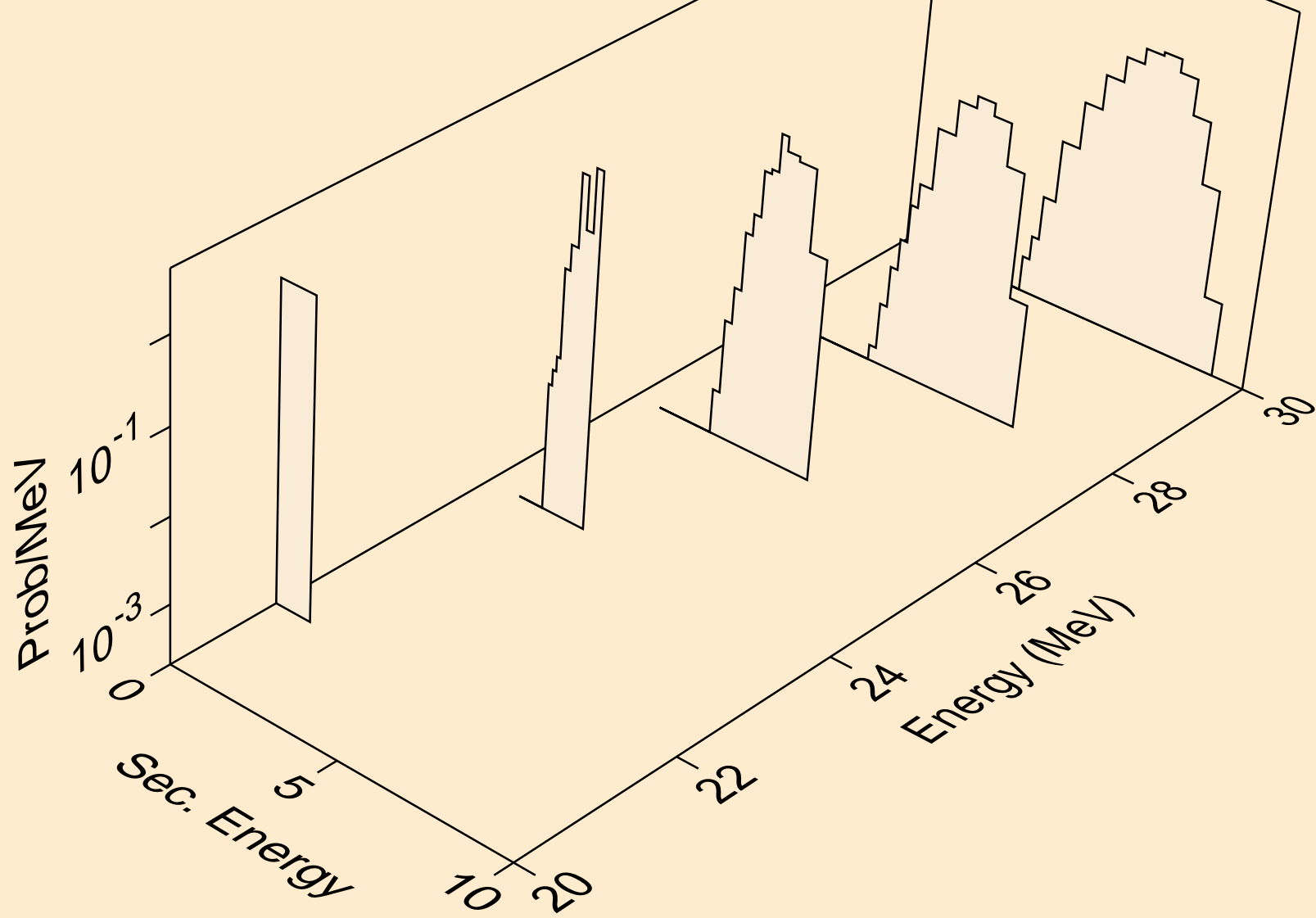
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



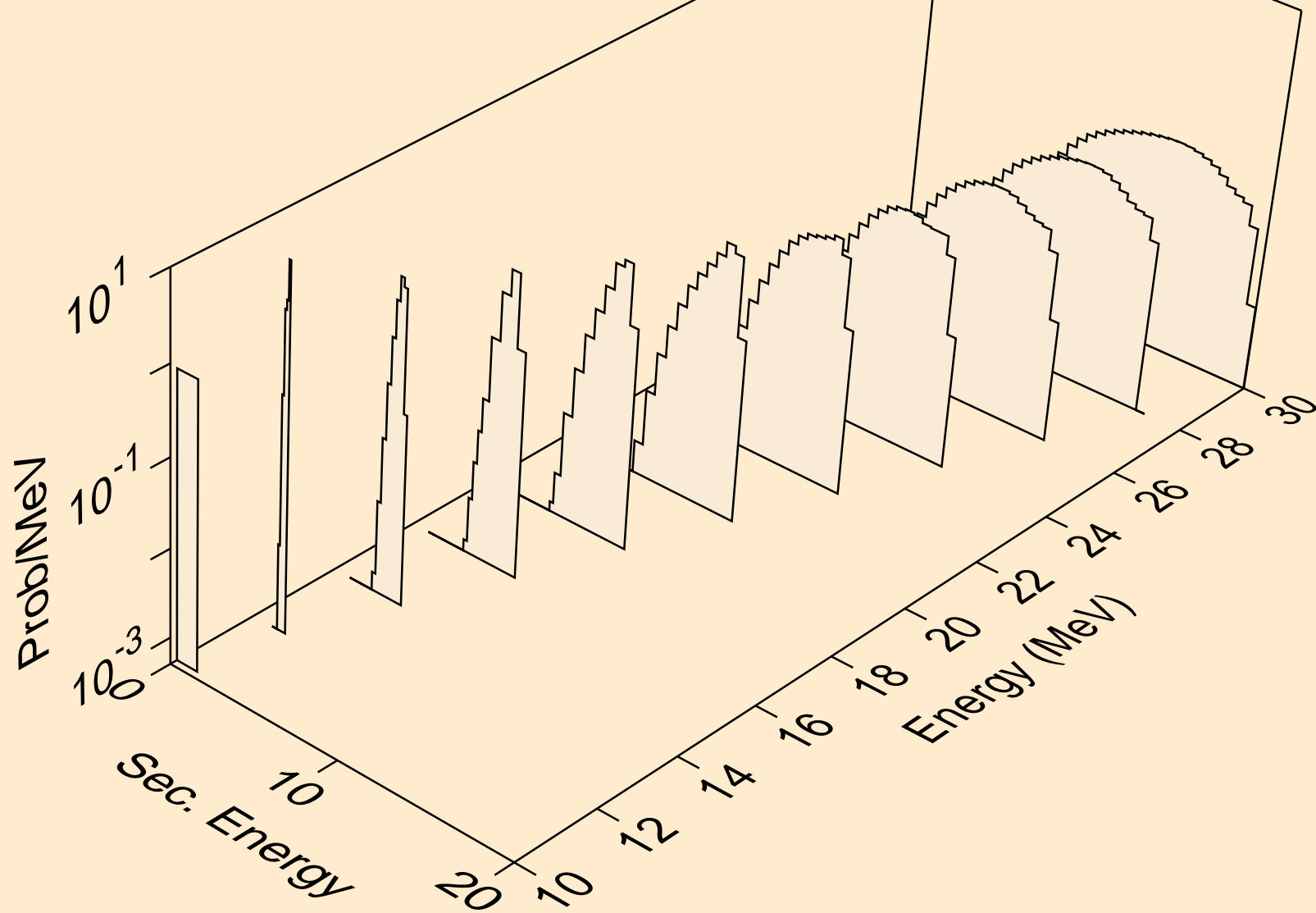
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



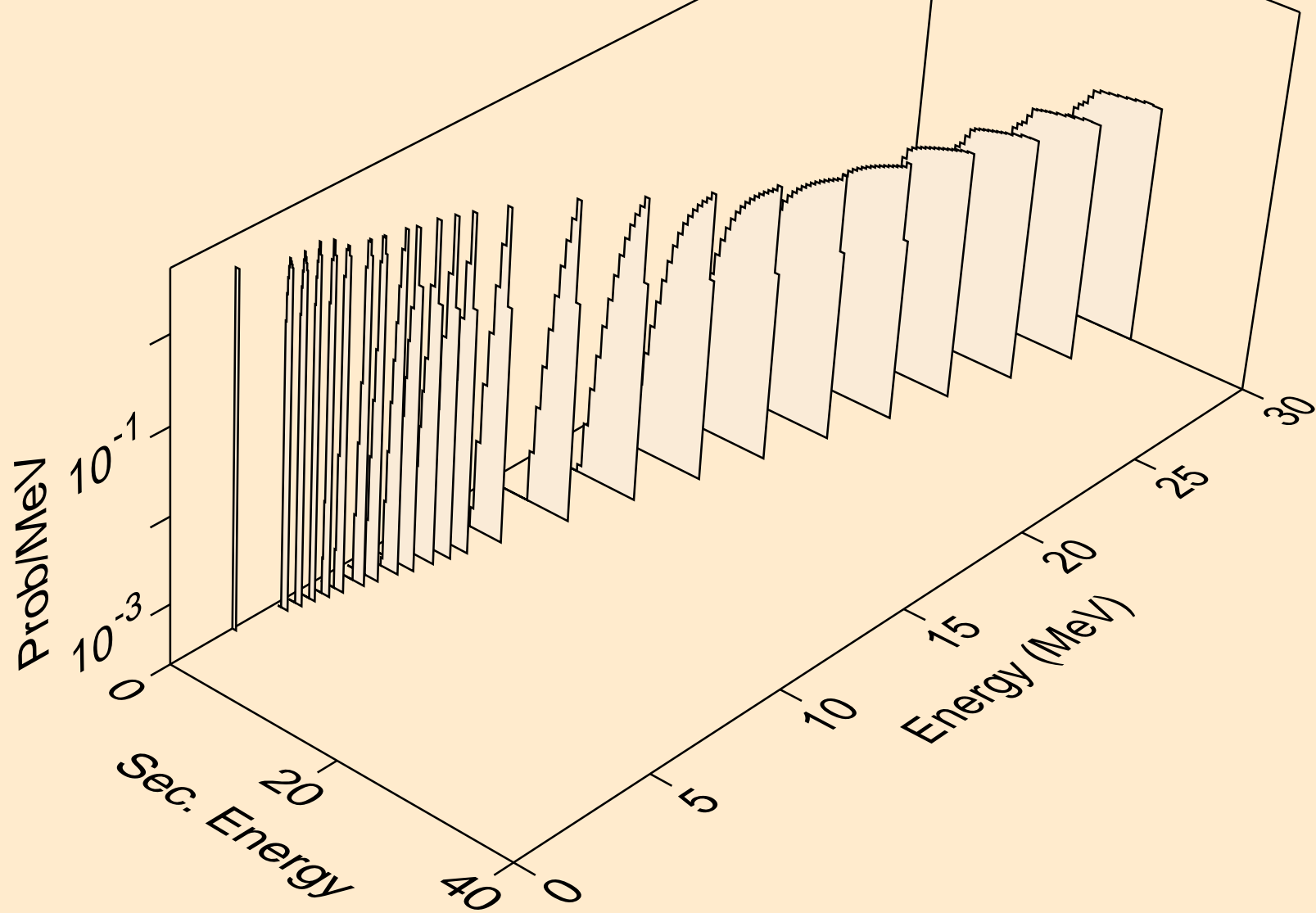
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



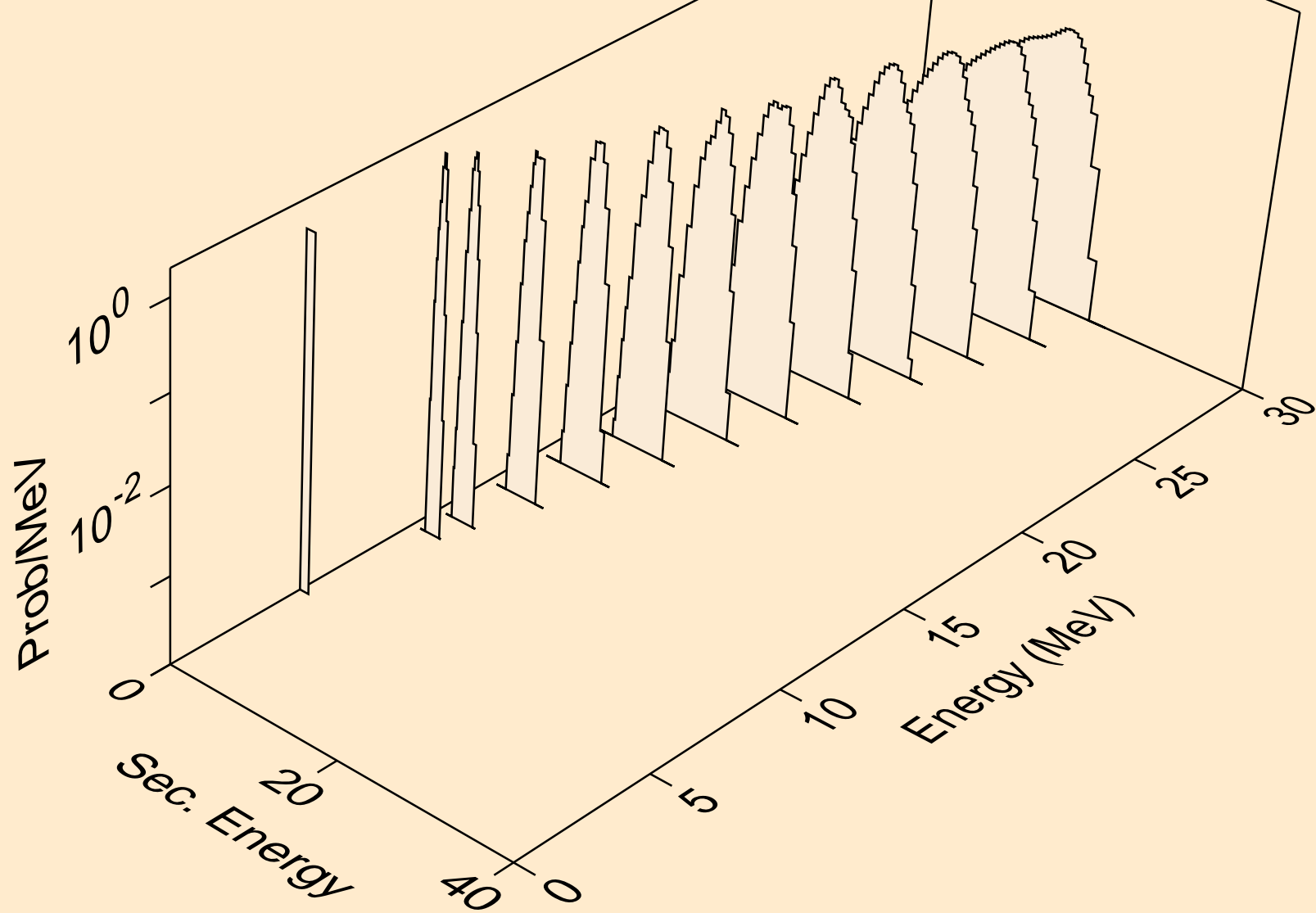
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



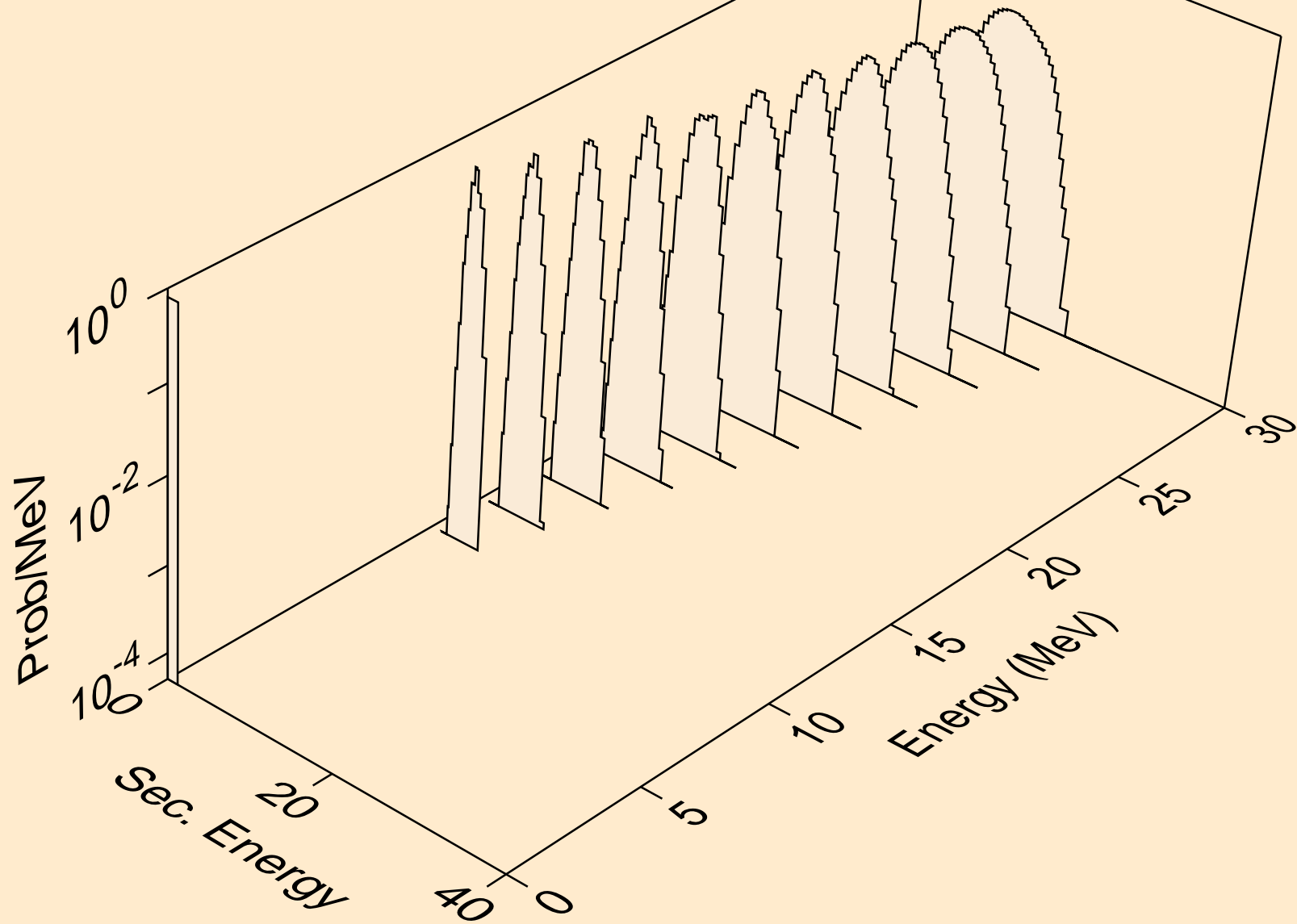
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

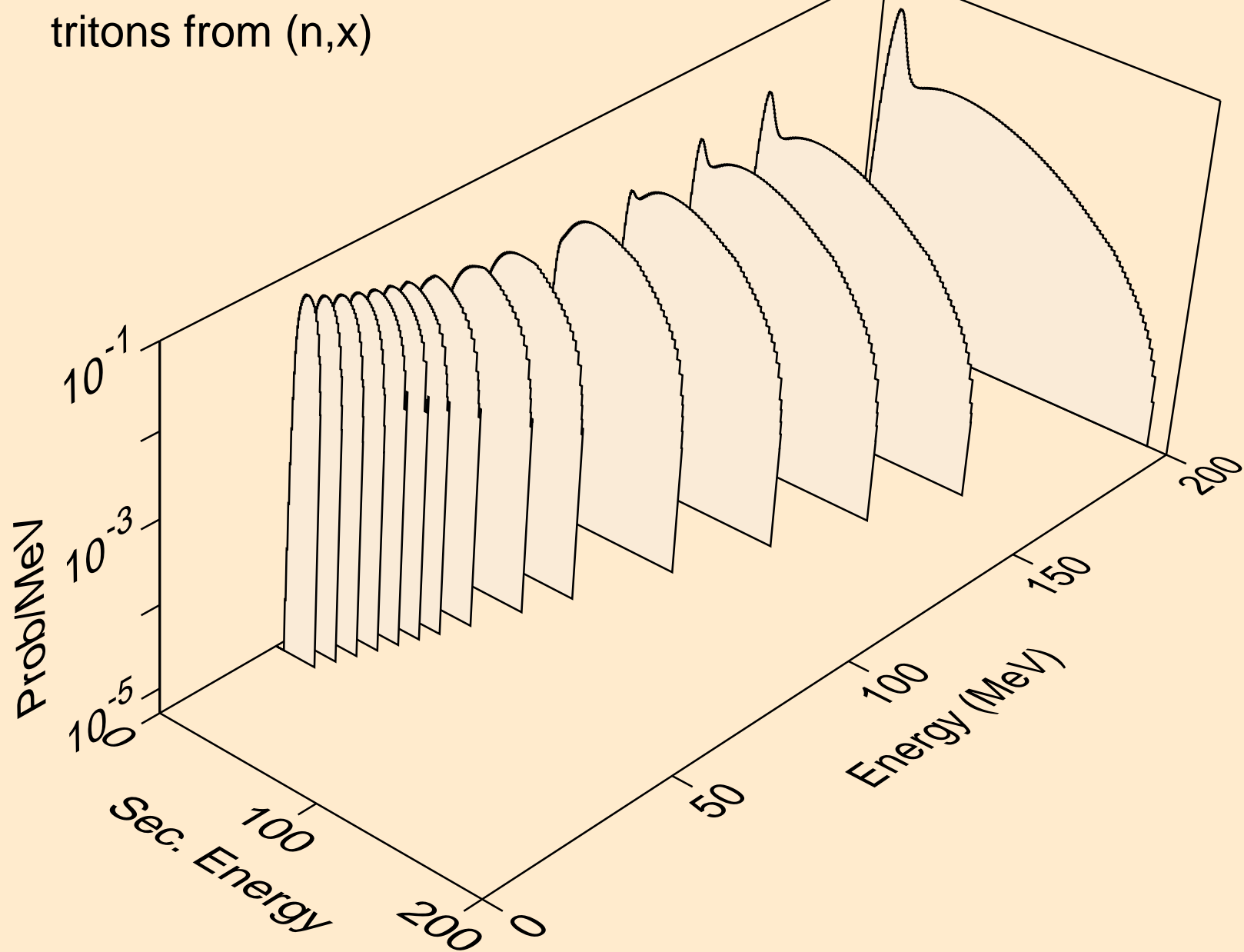


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)

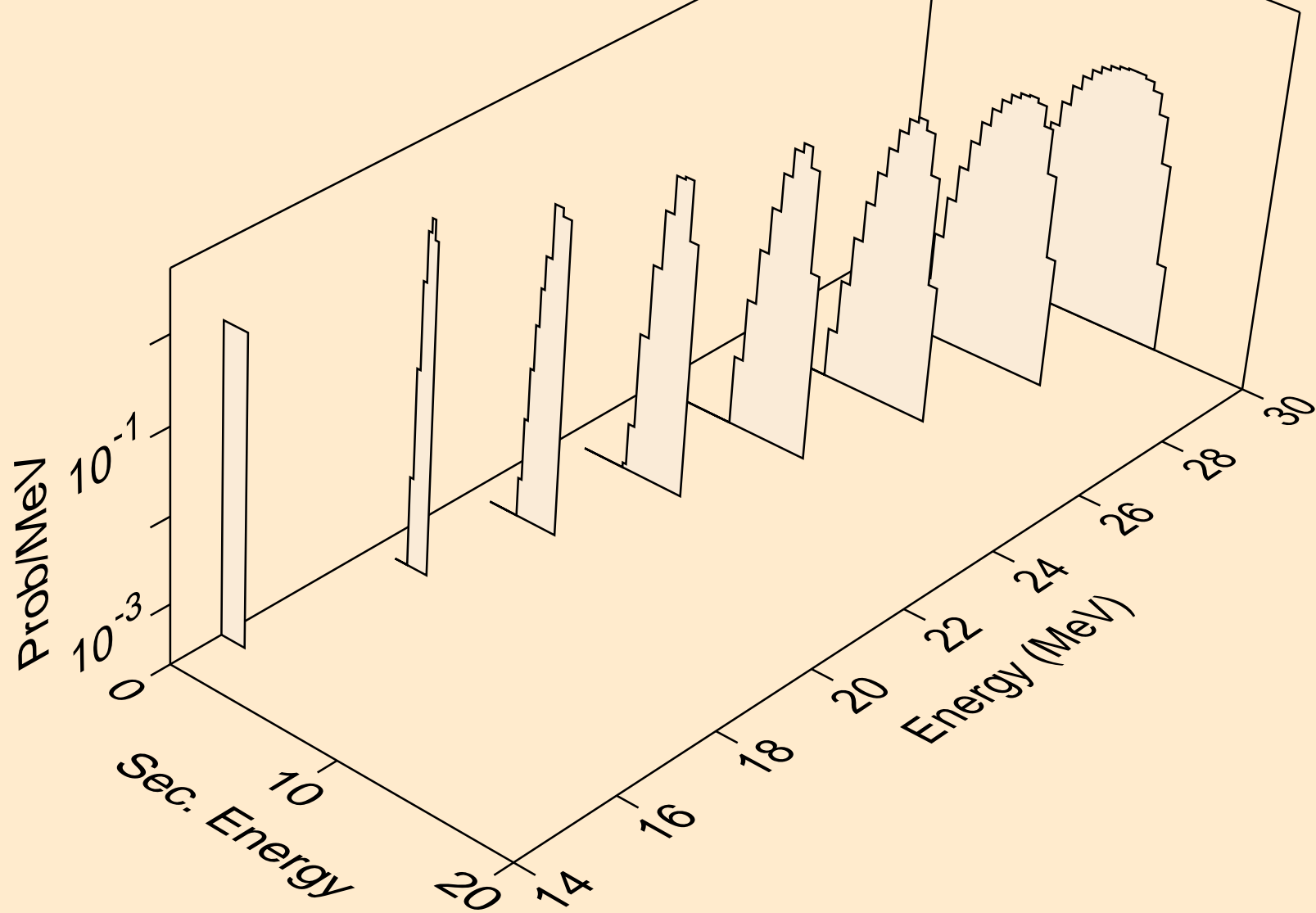




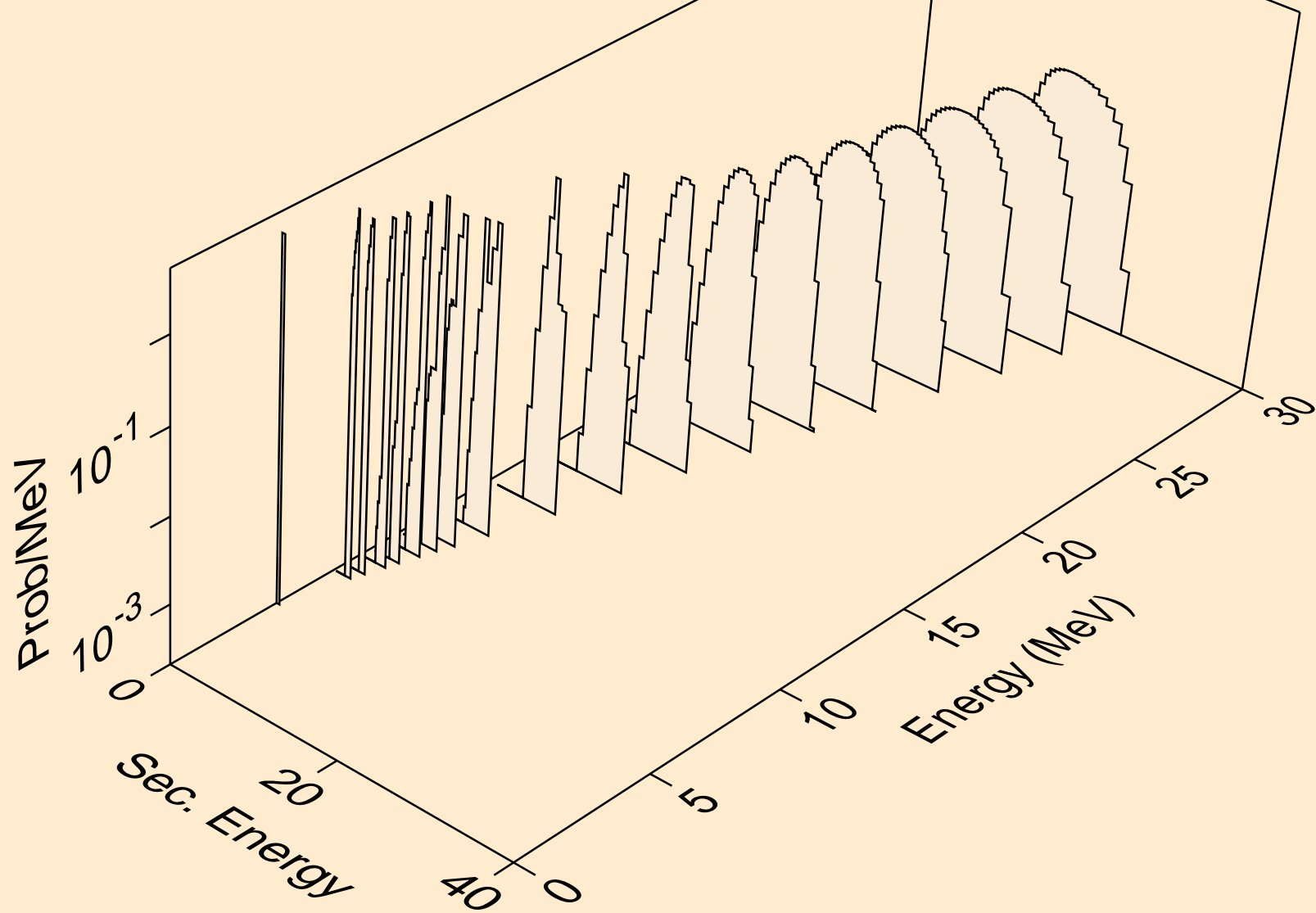
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



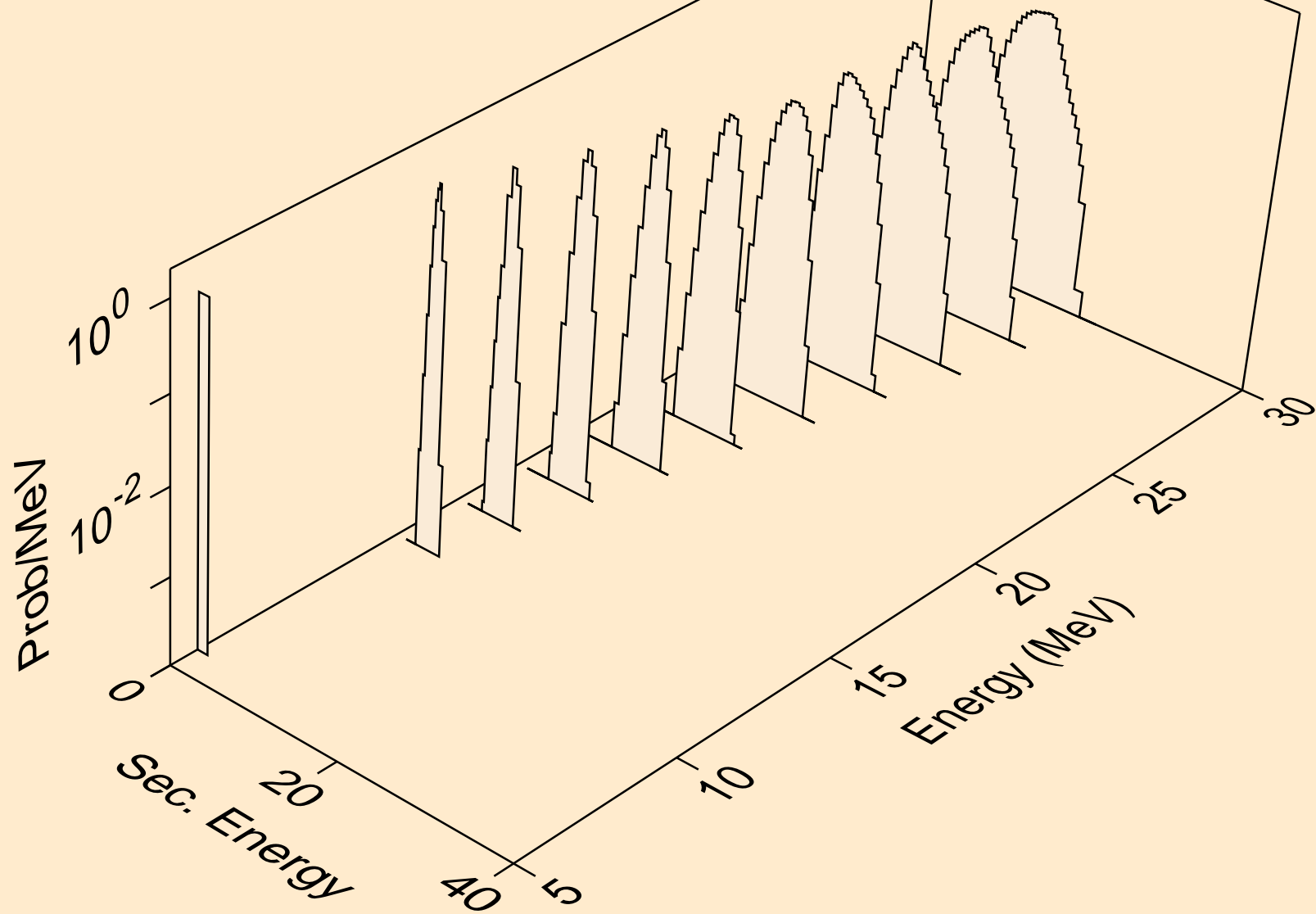
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



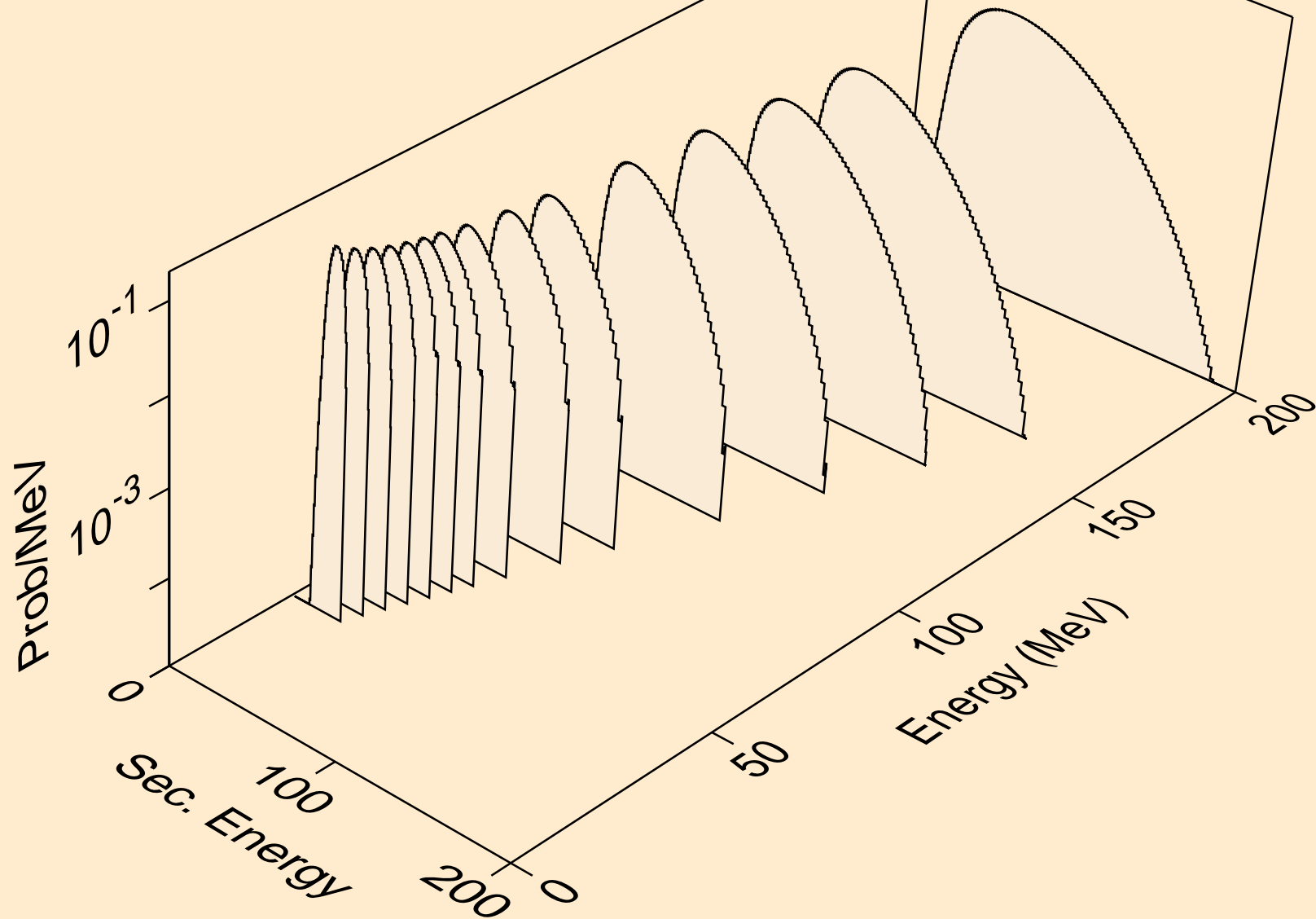
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



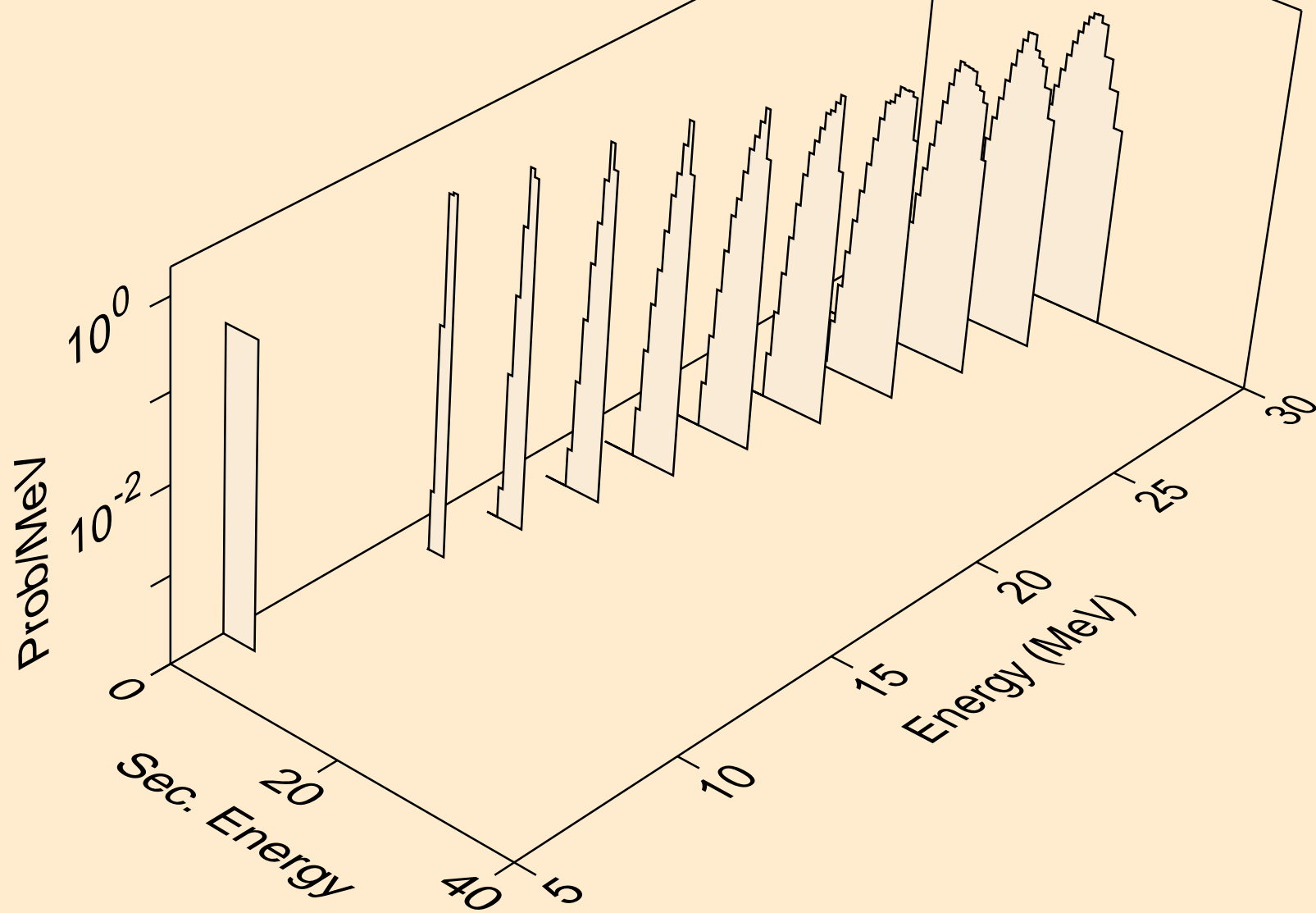
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



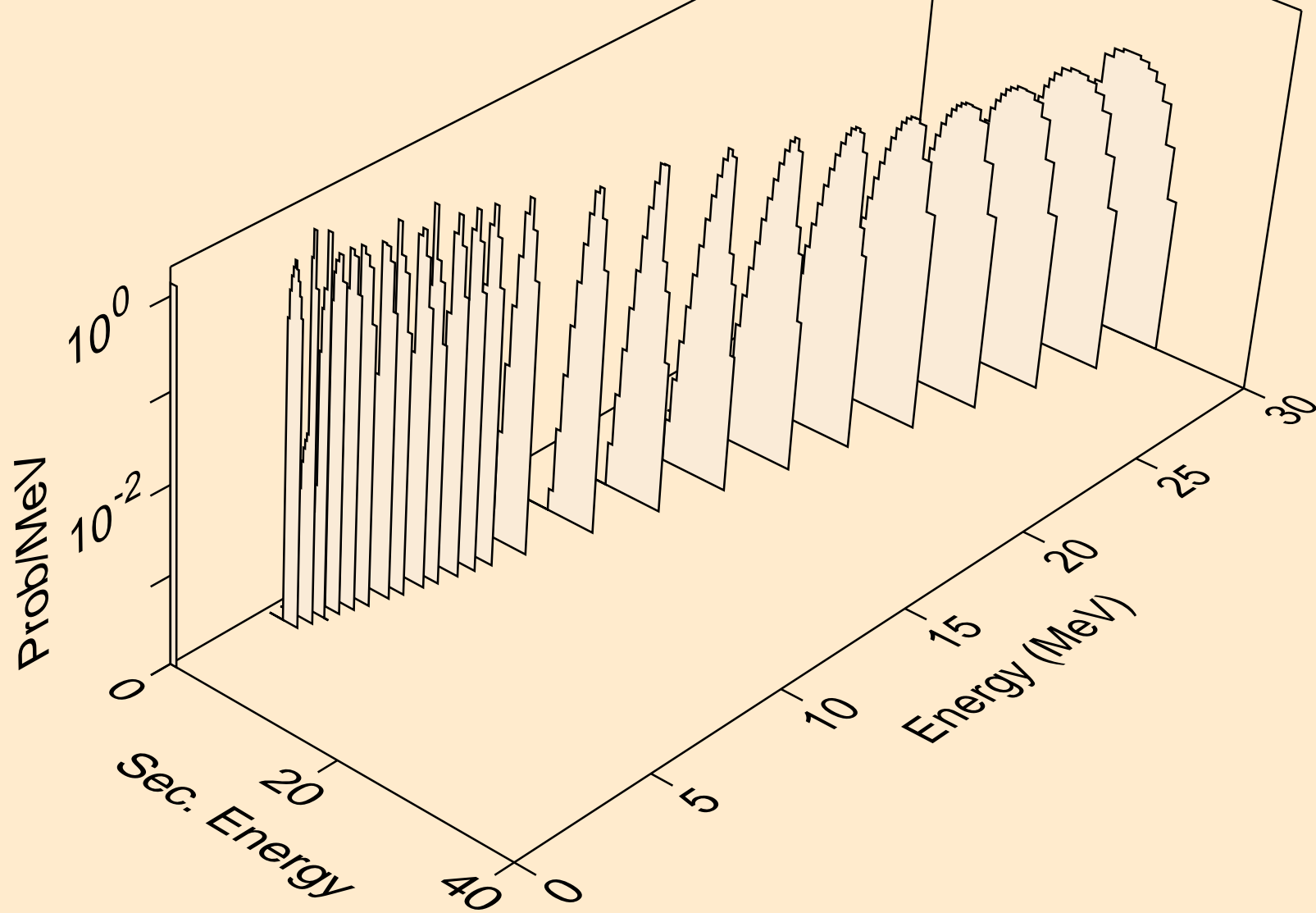
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



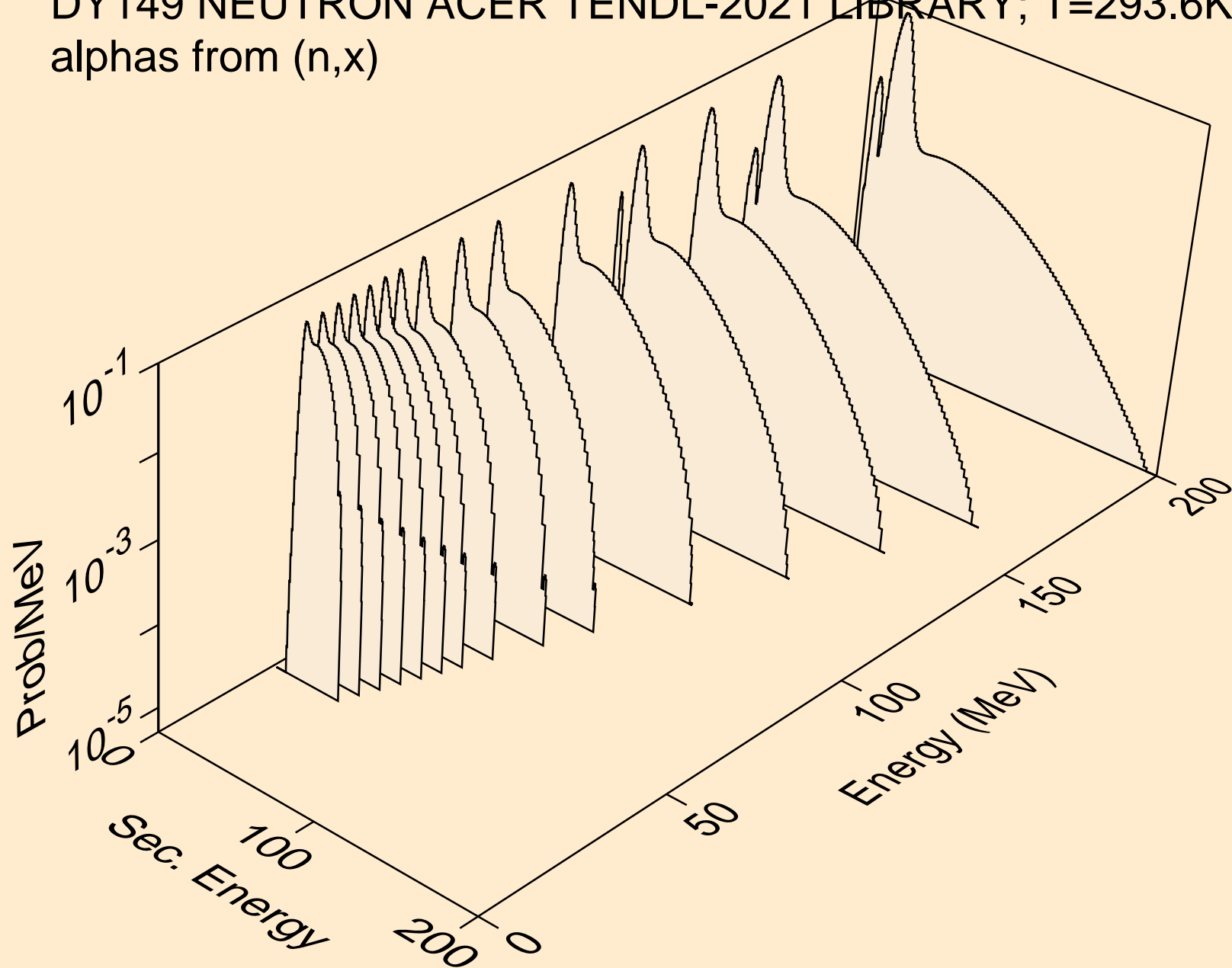
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

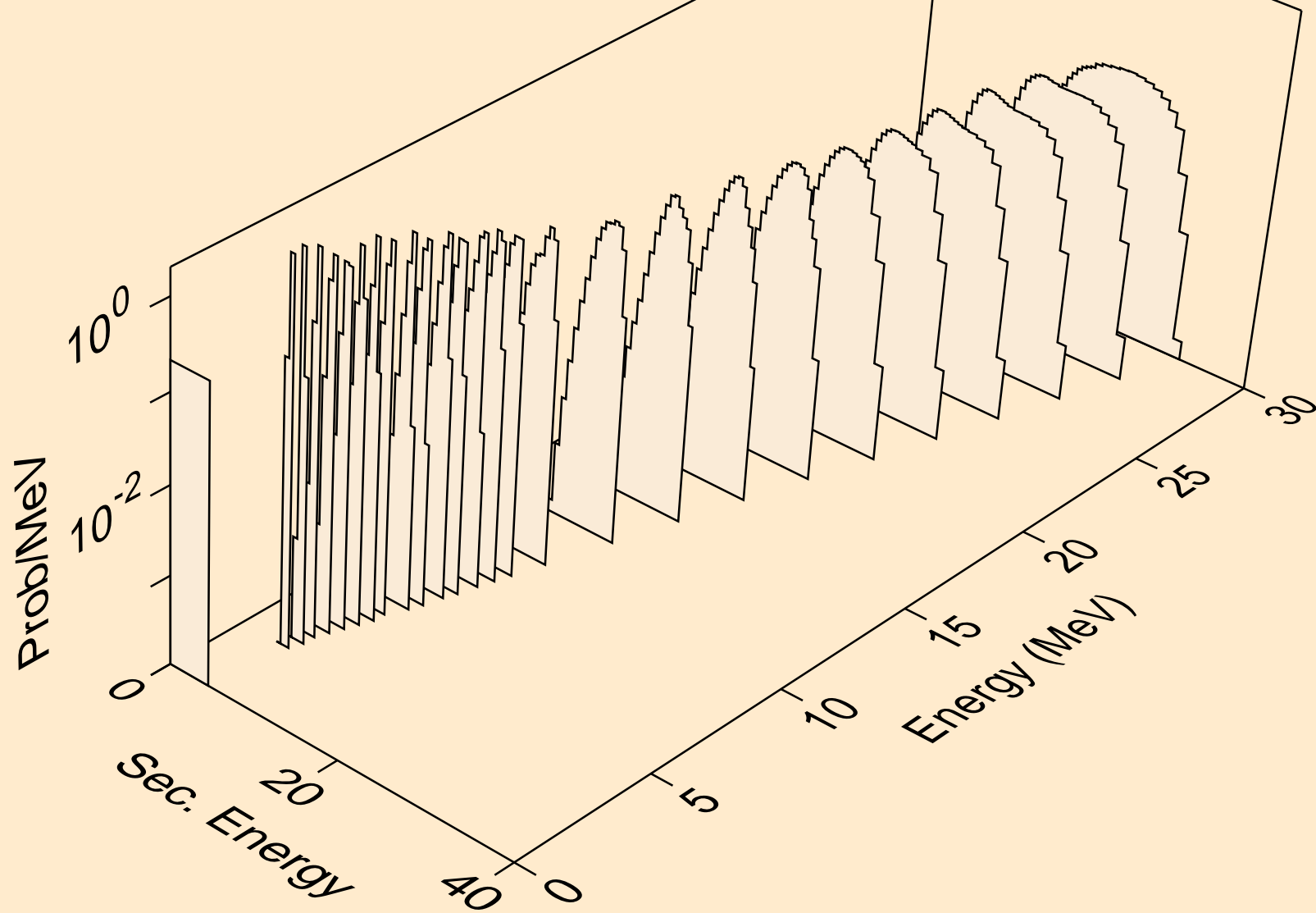


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

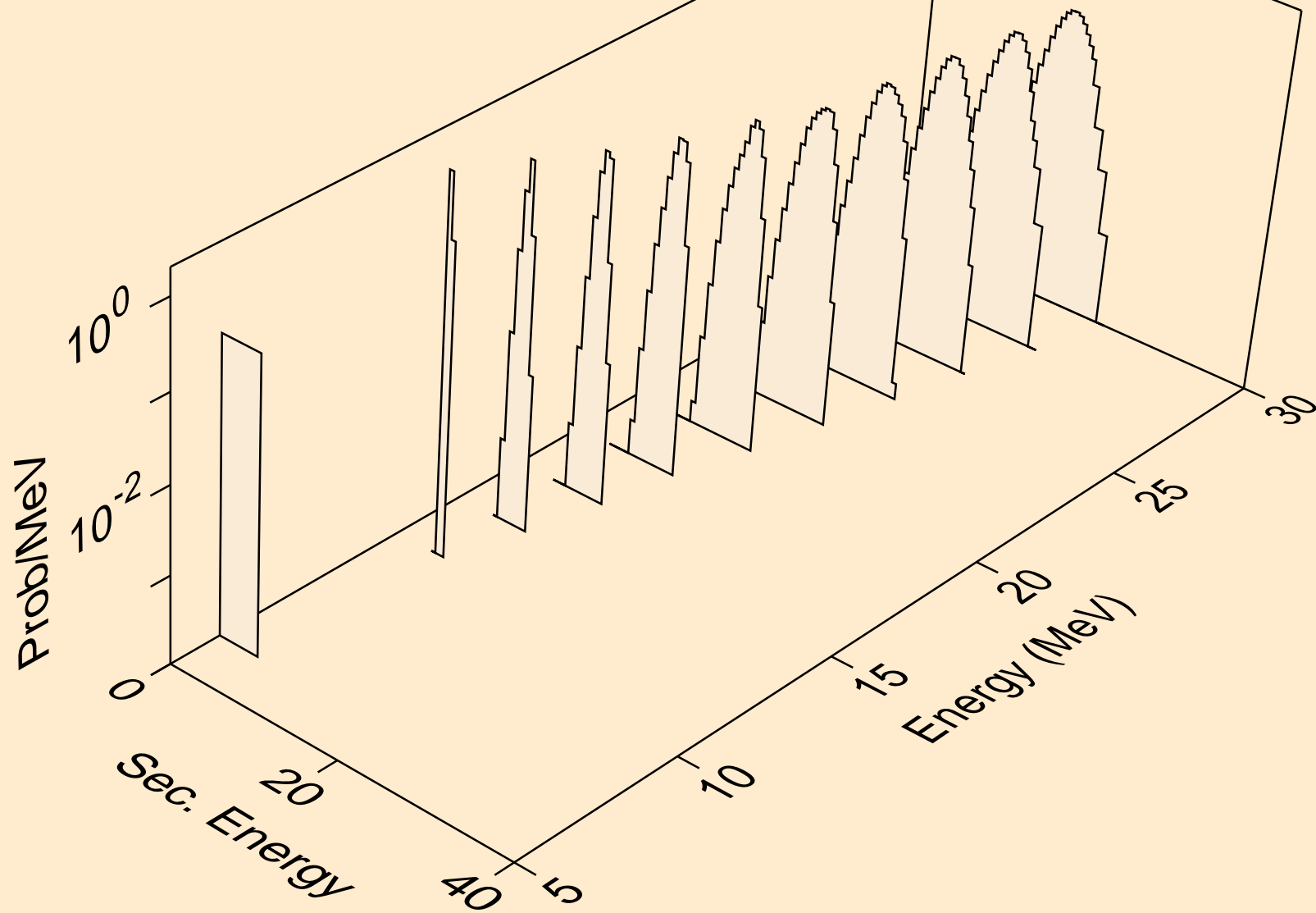




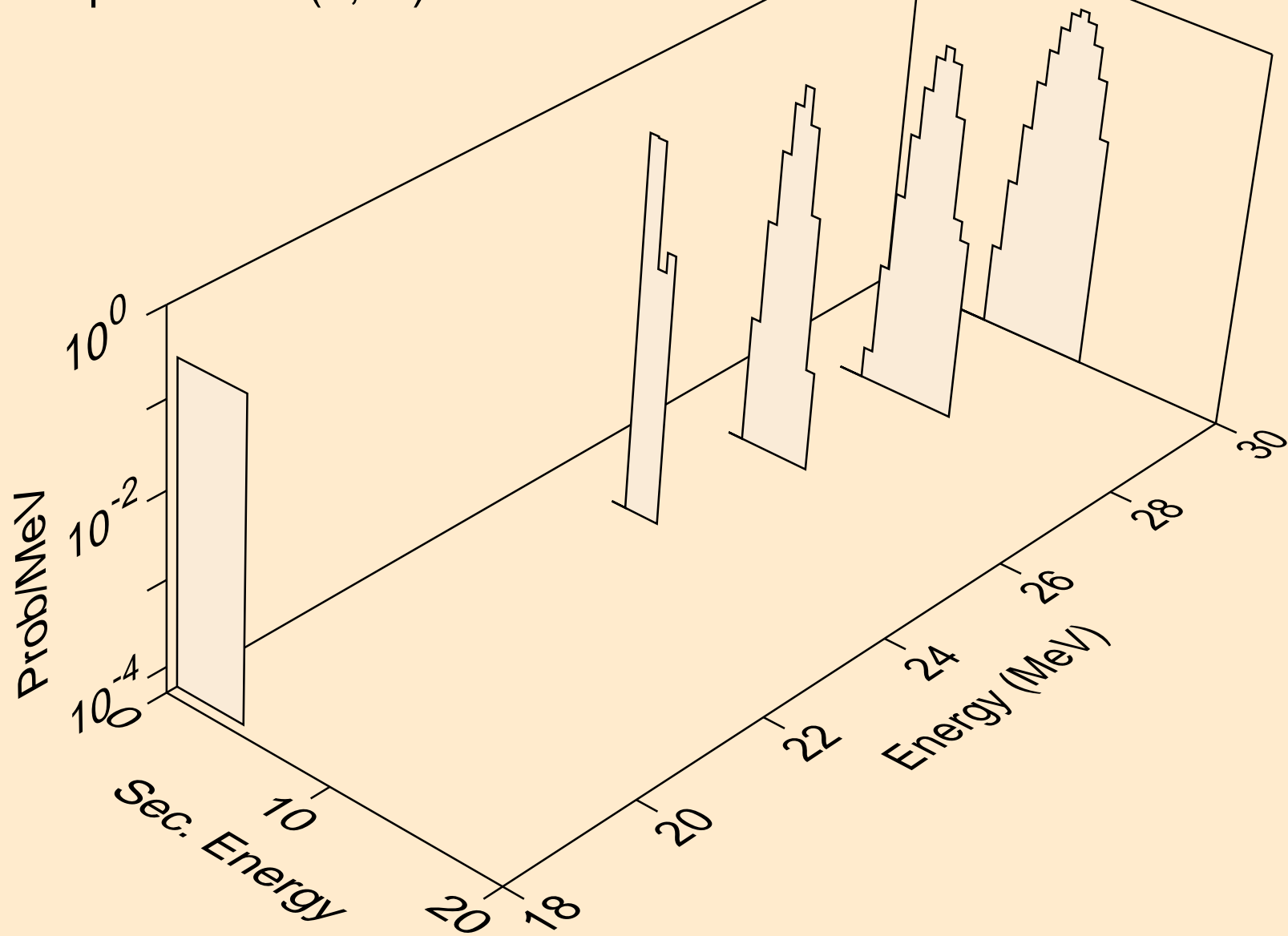
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



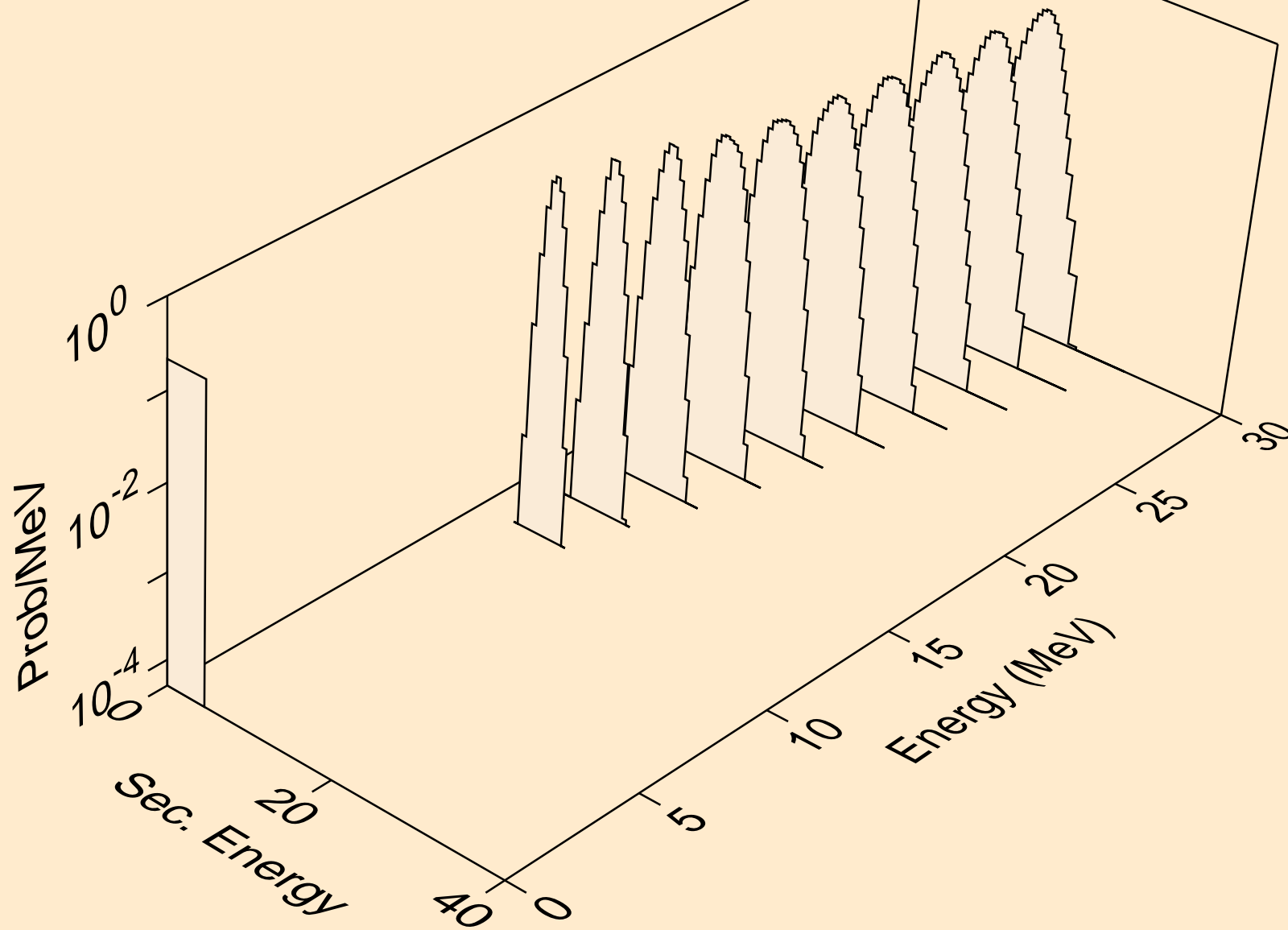
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



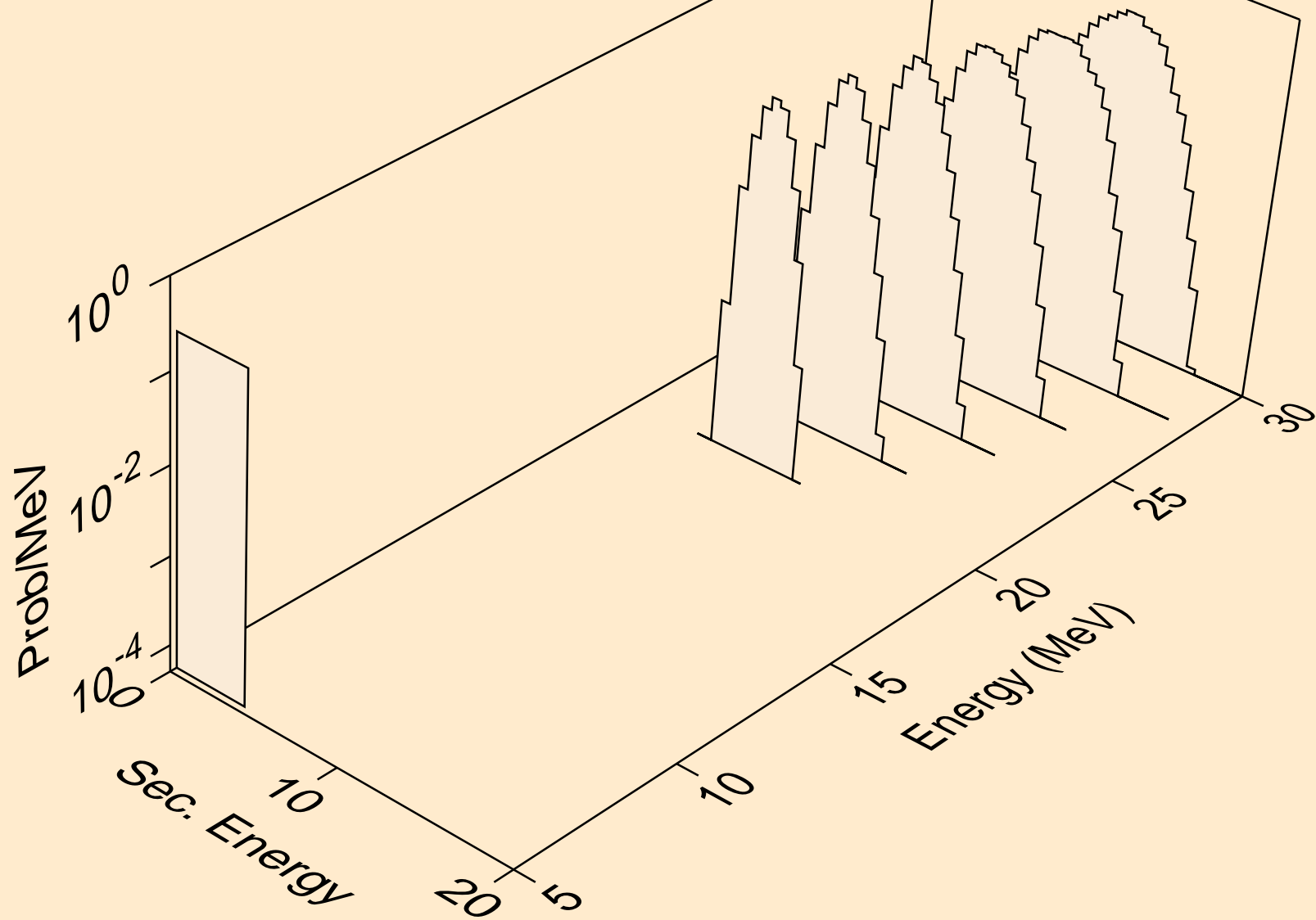
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



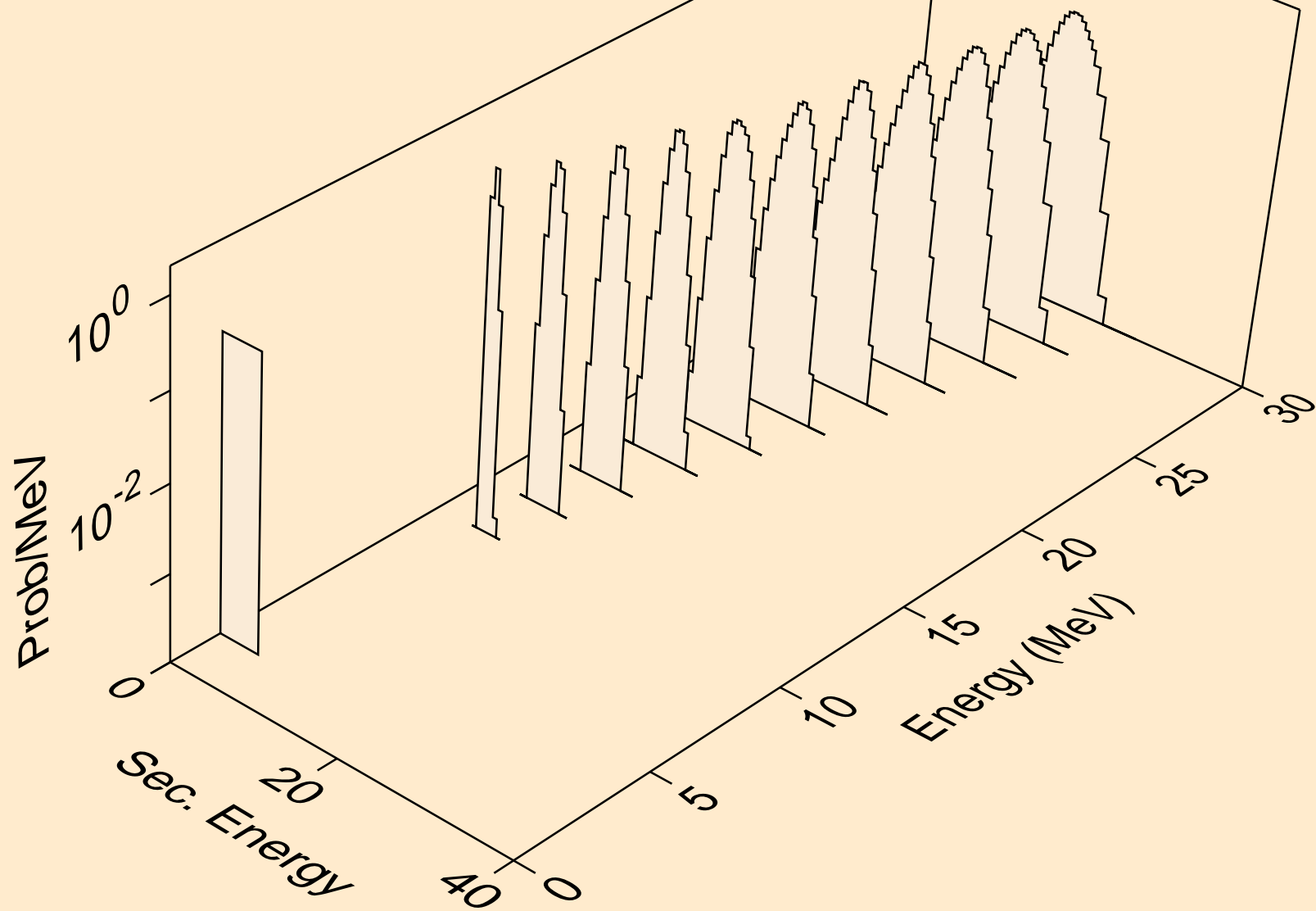
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



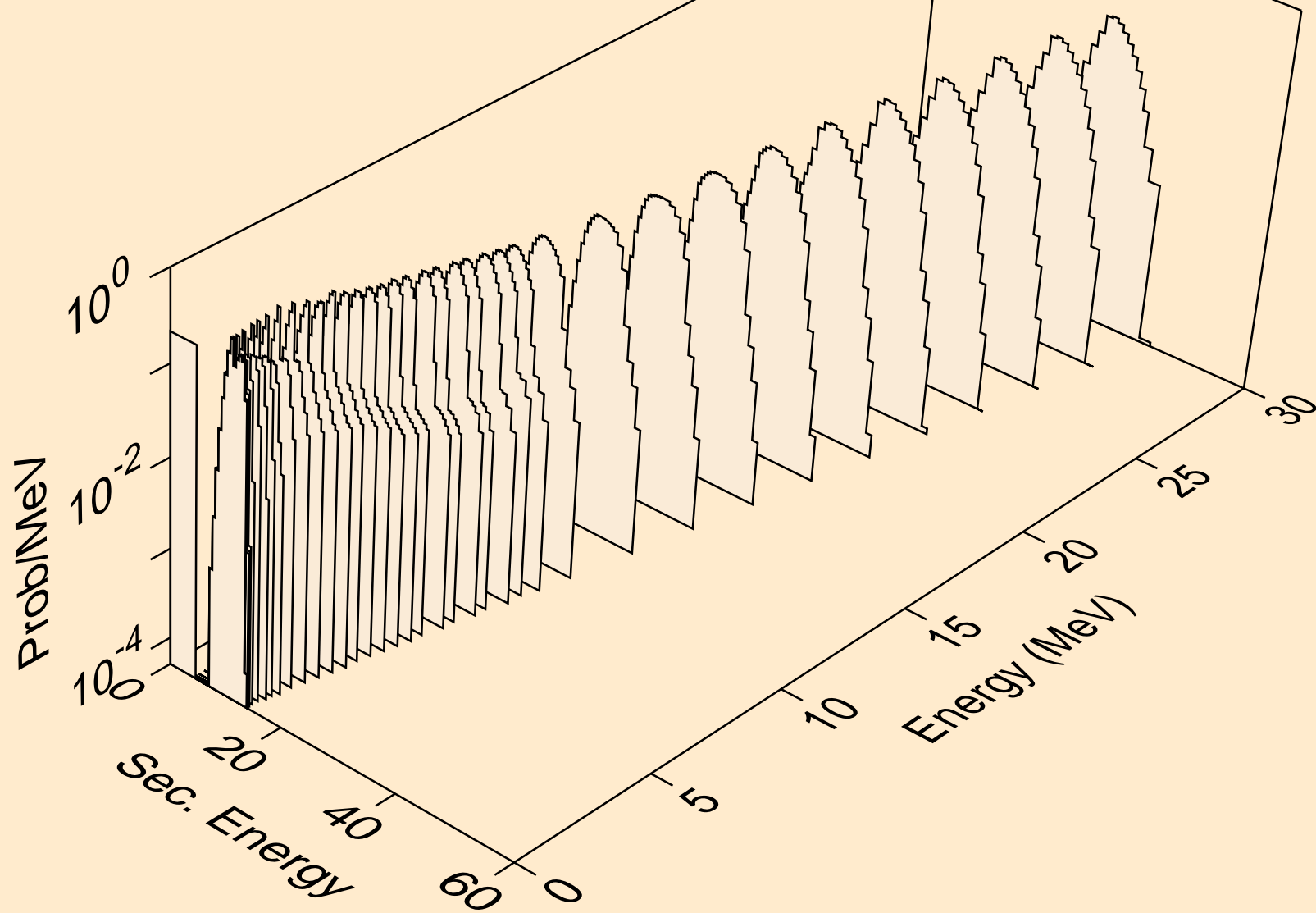
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



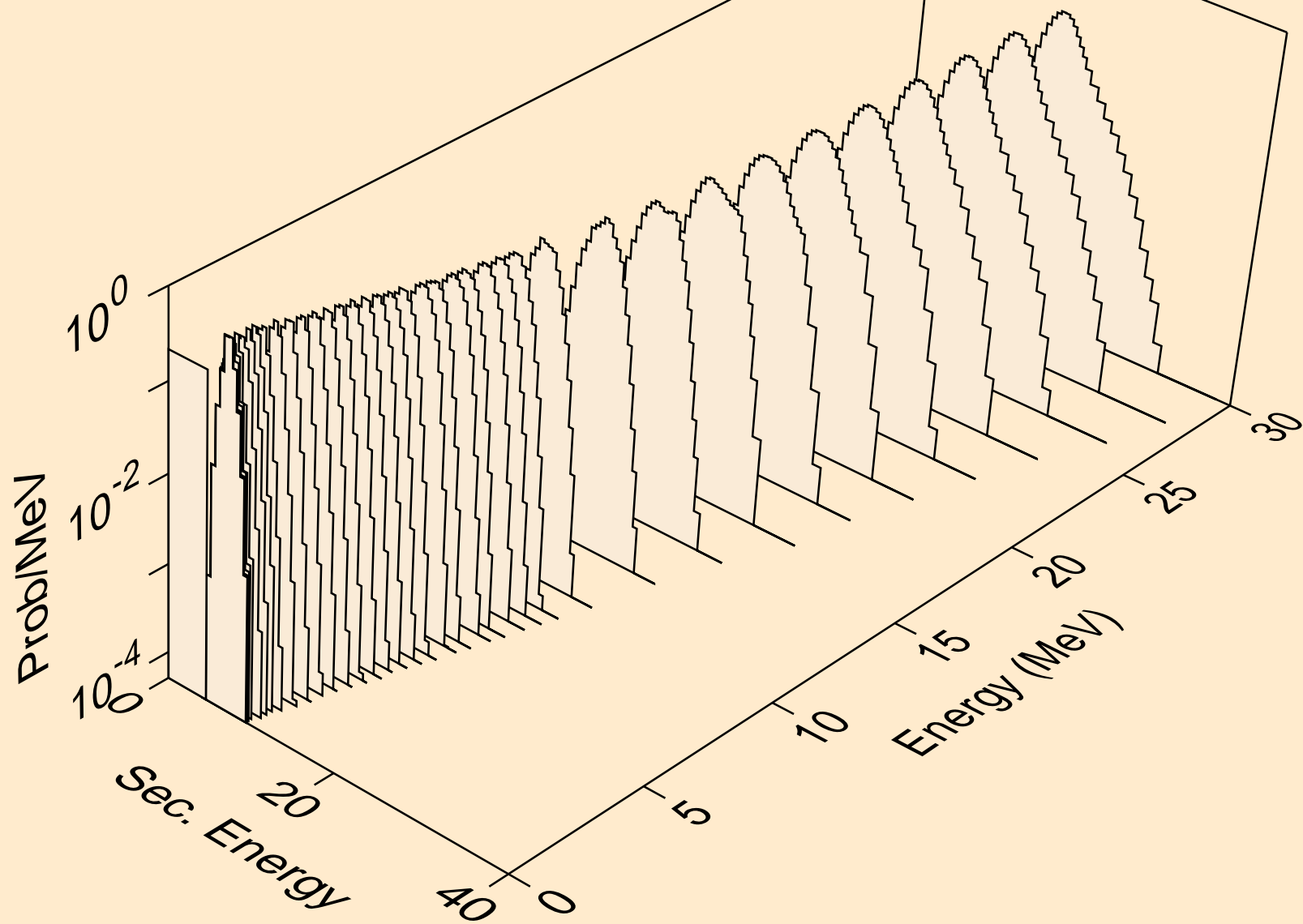
DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

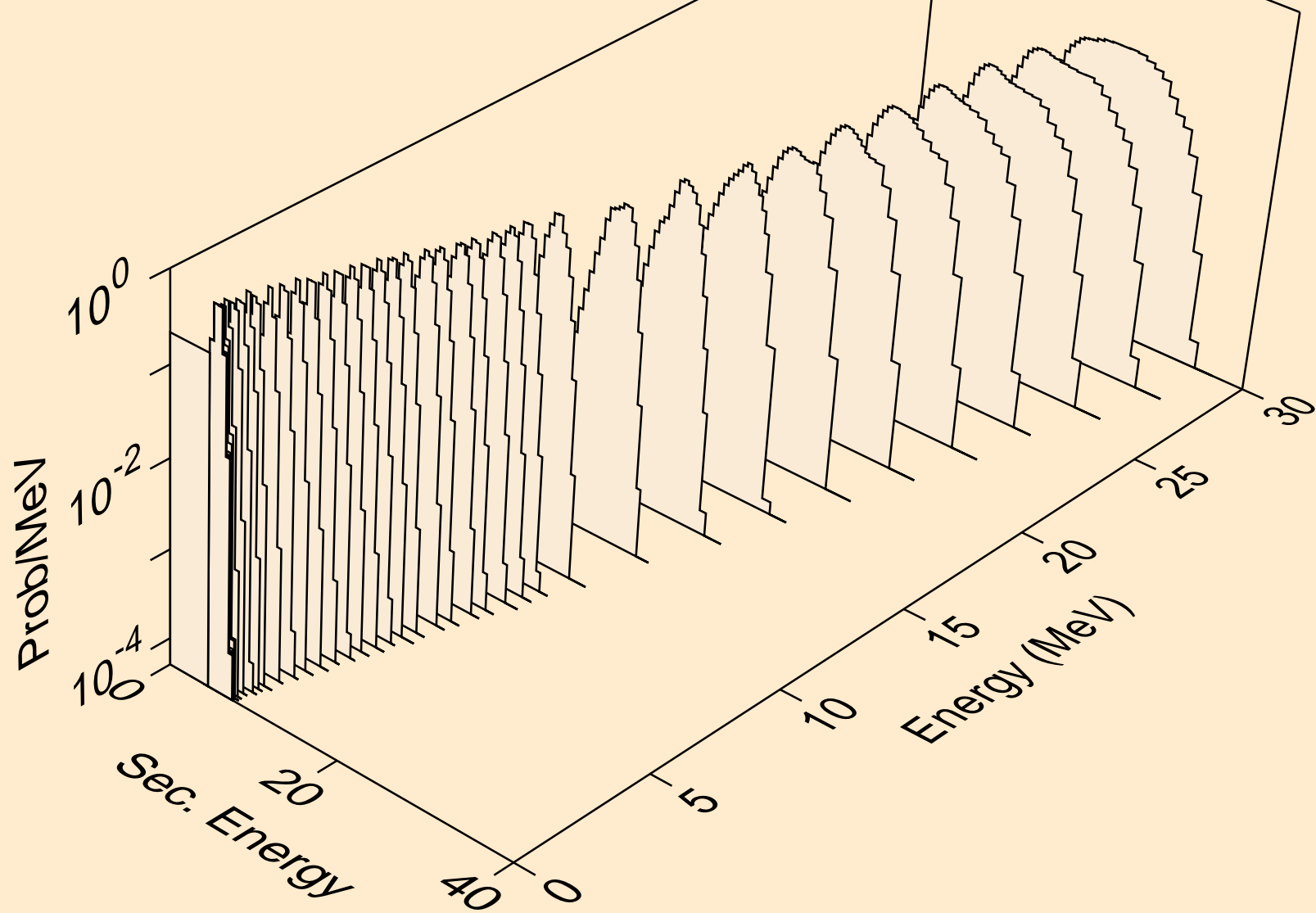


DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)





DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



DY149 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

