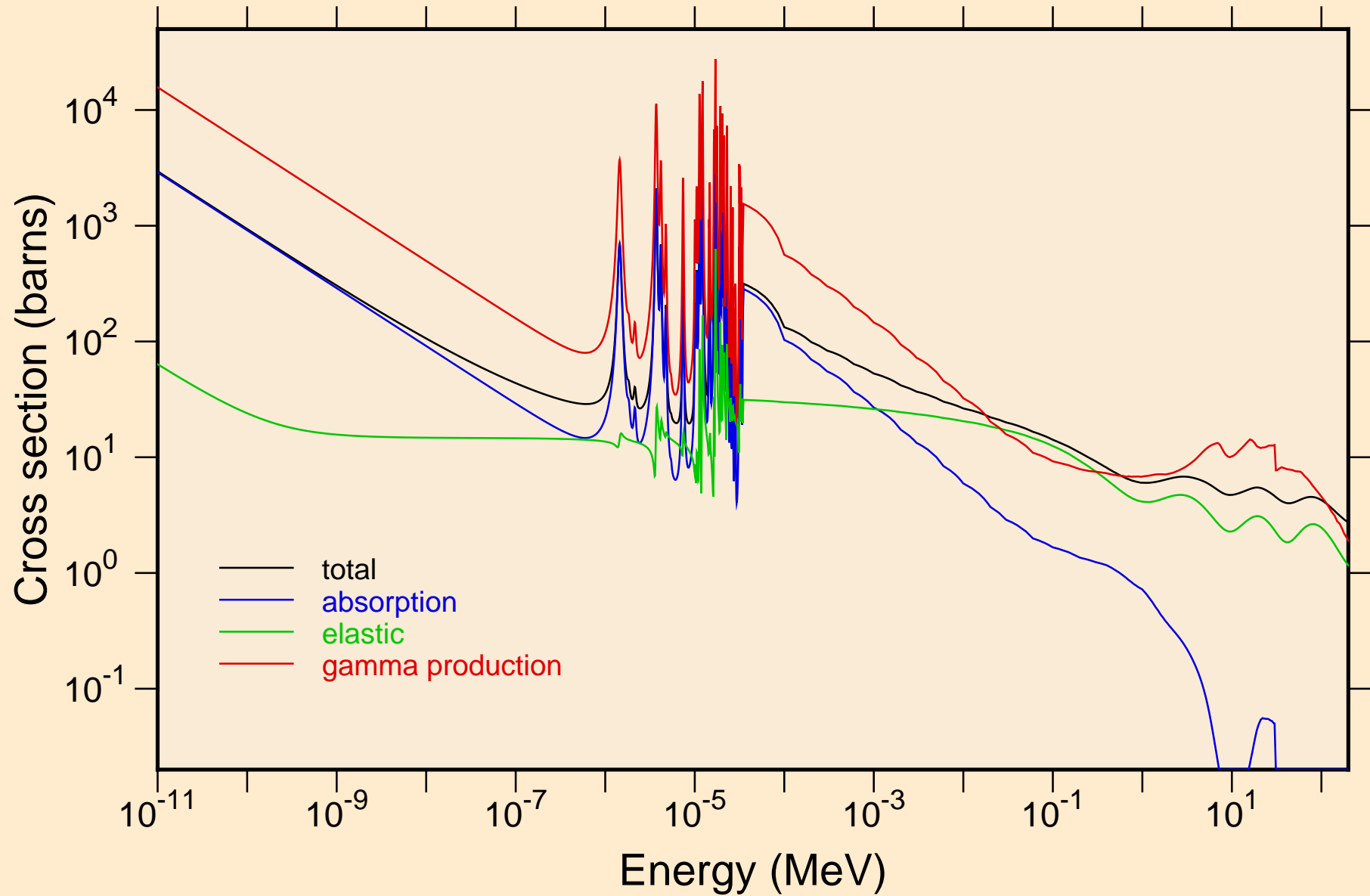
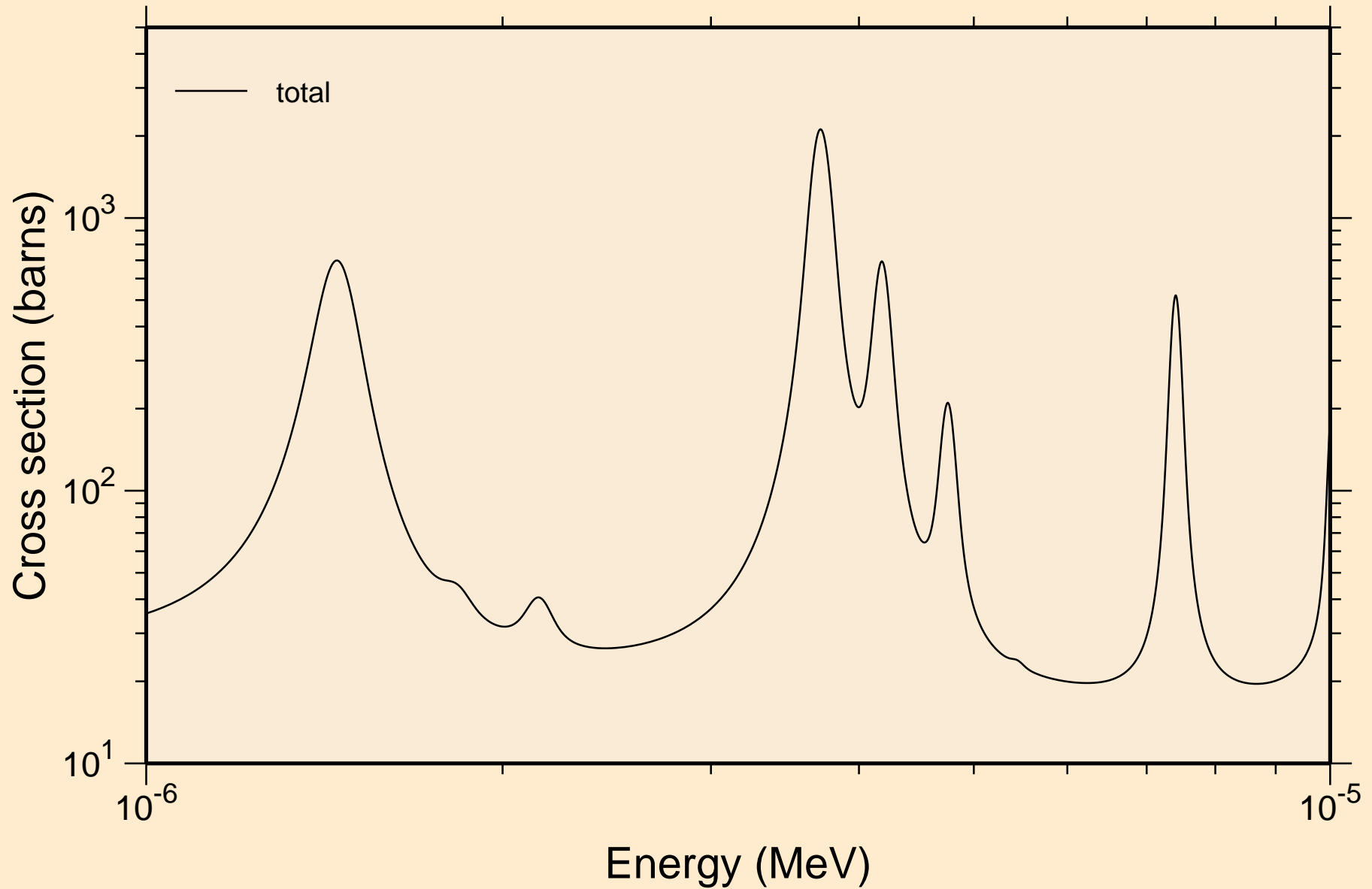


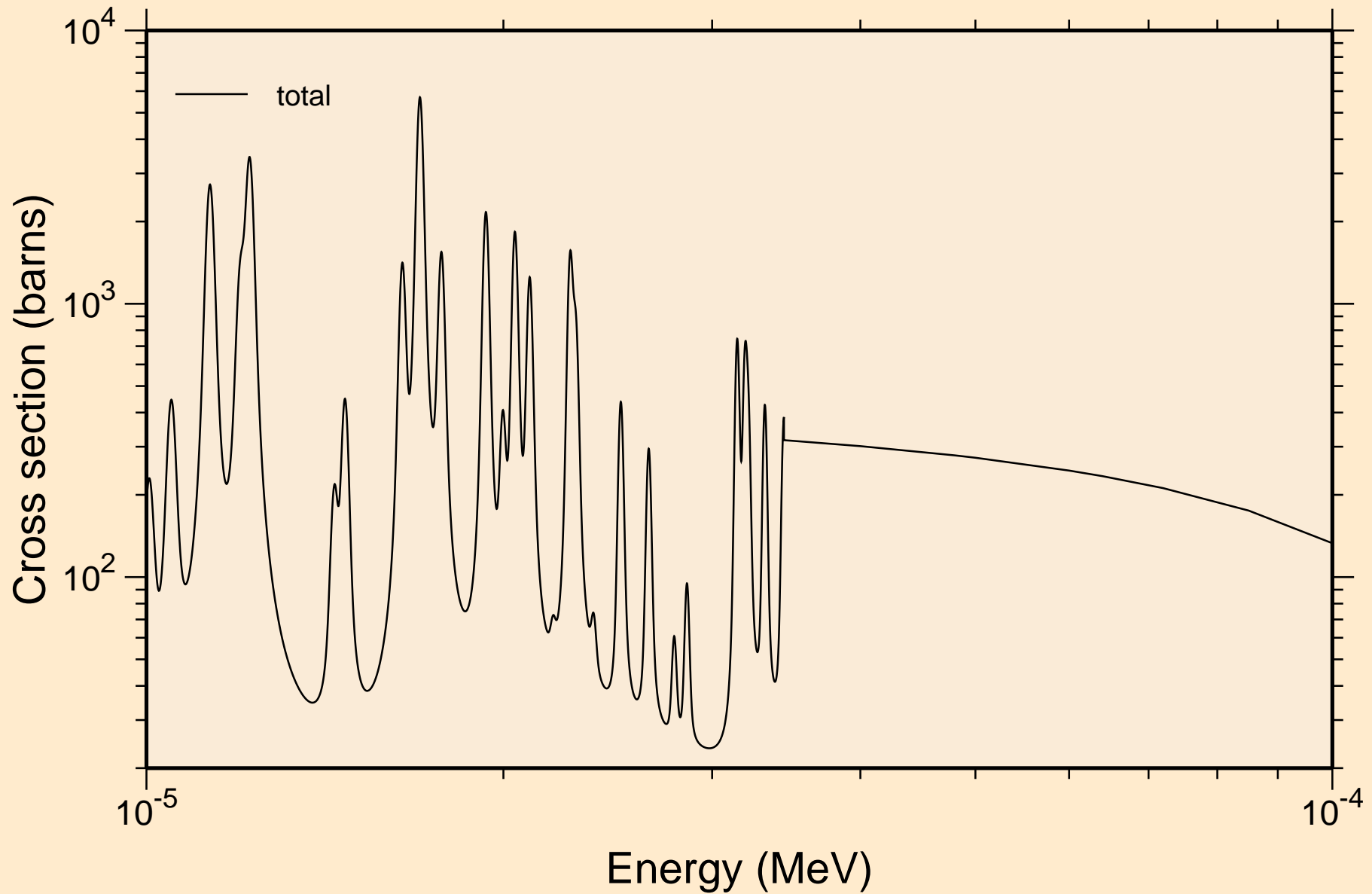
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



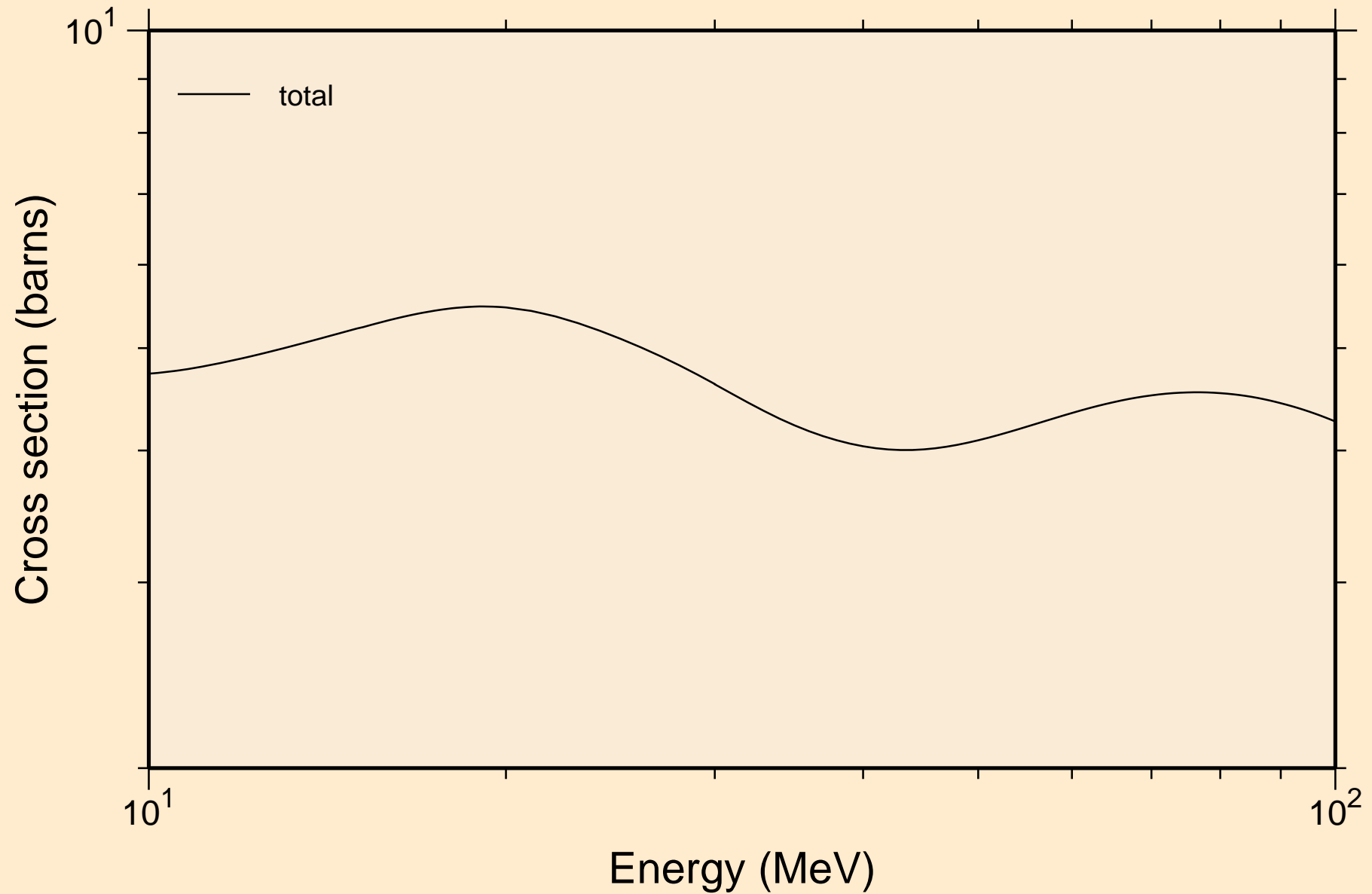
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



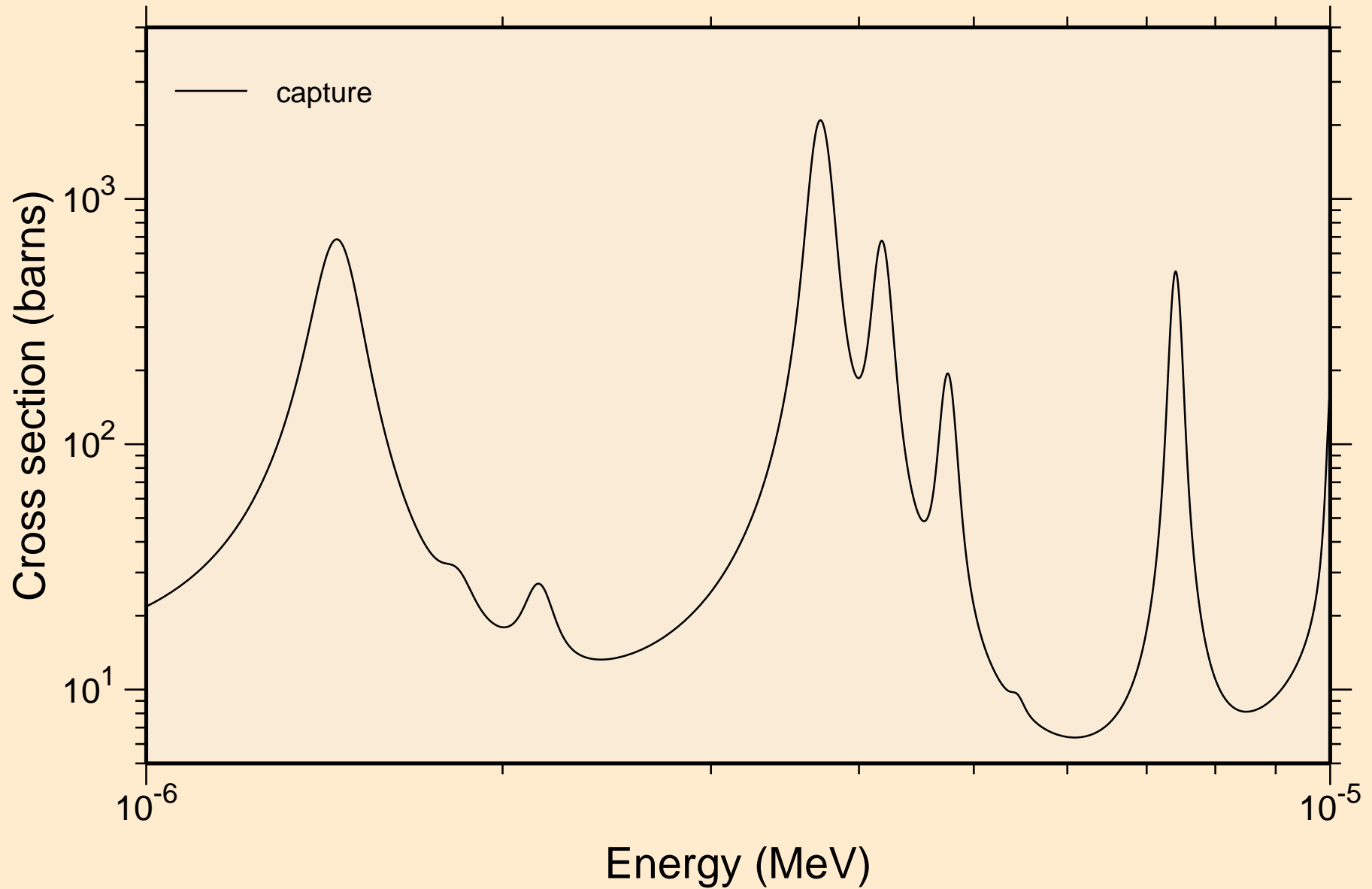
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



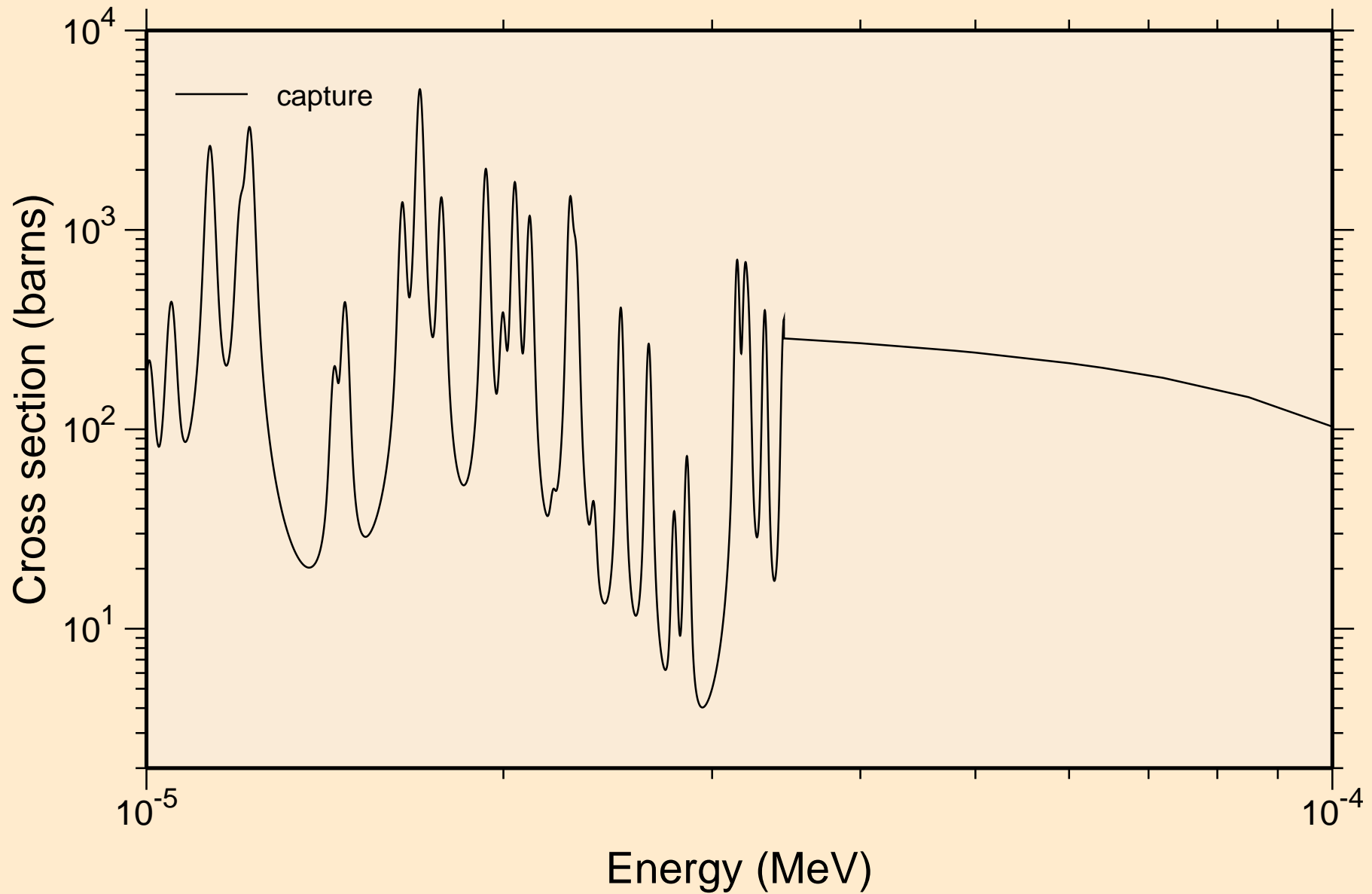
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



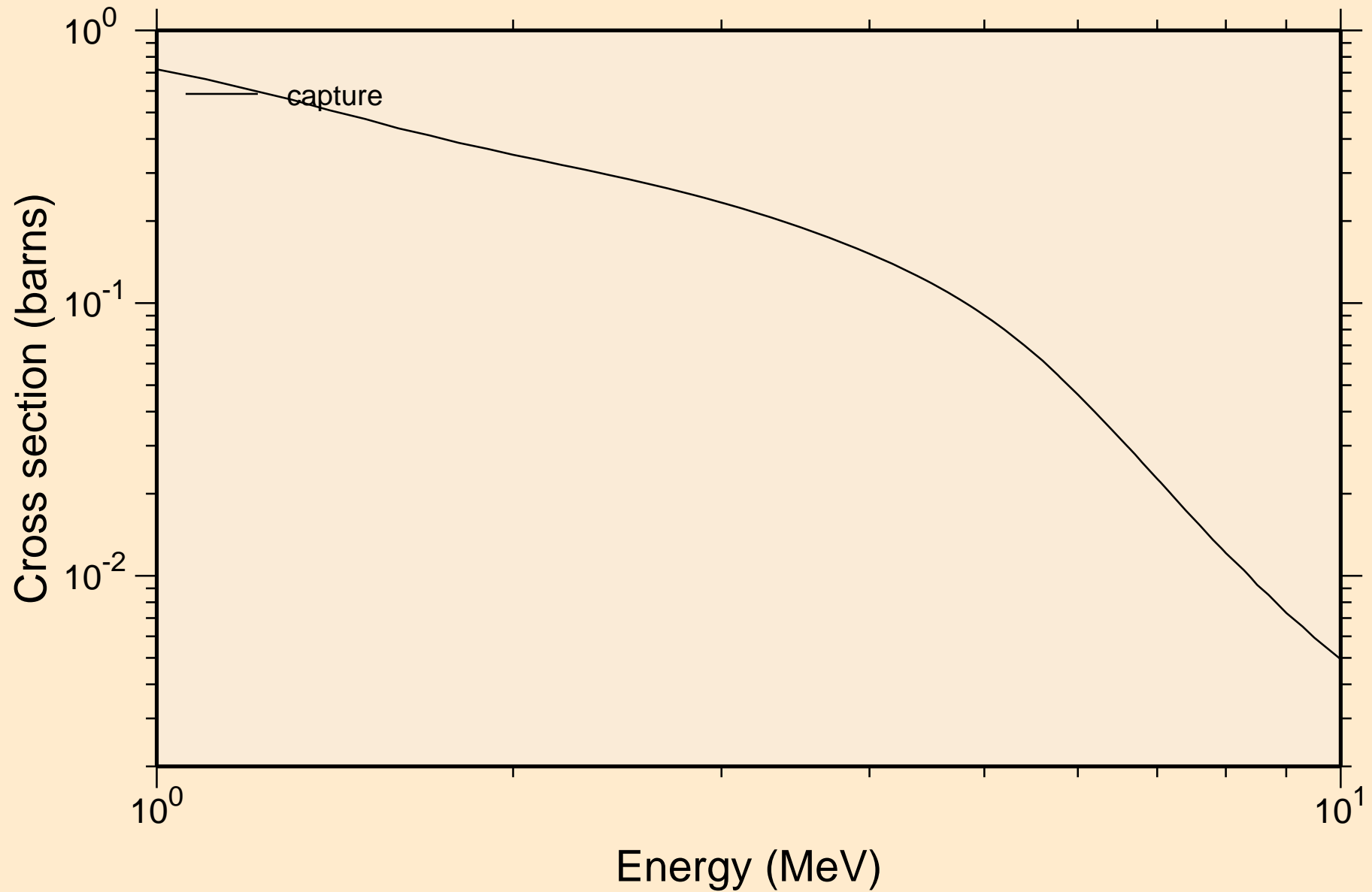
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



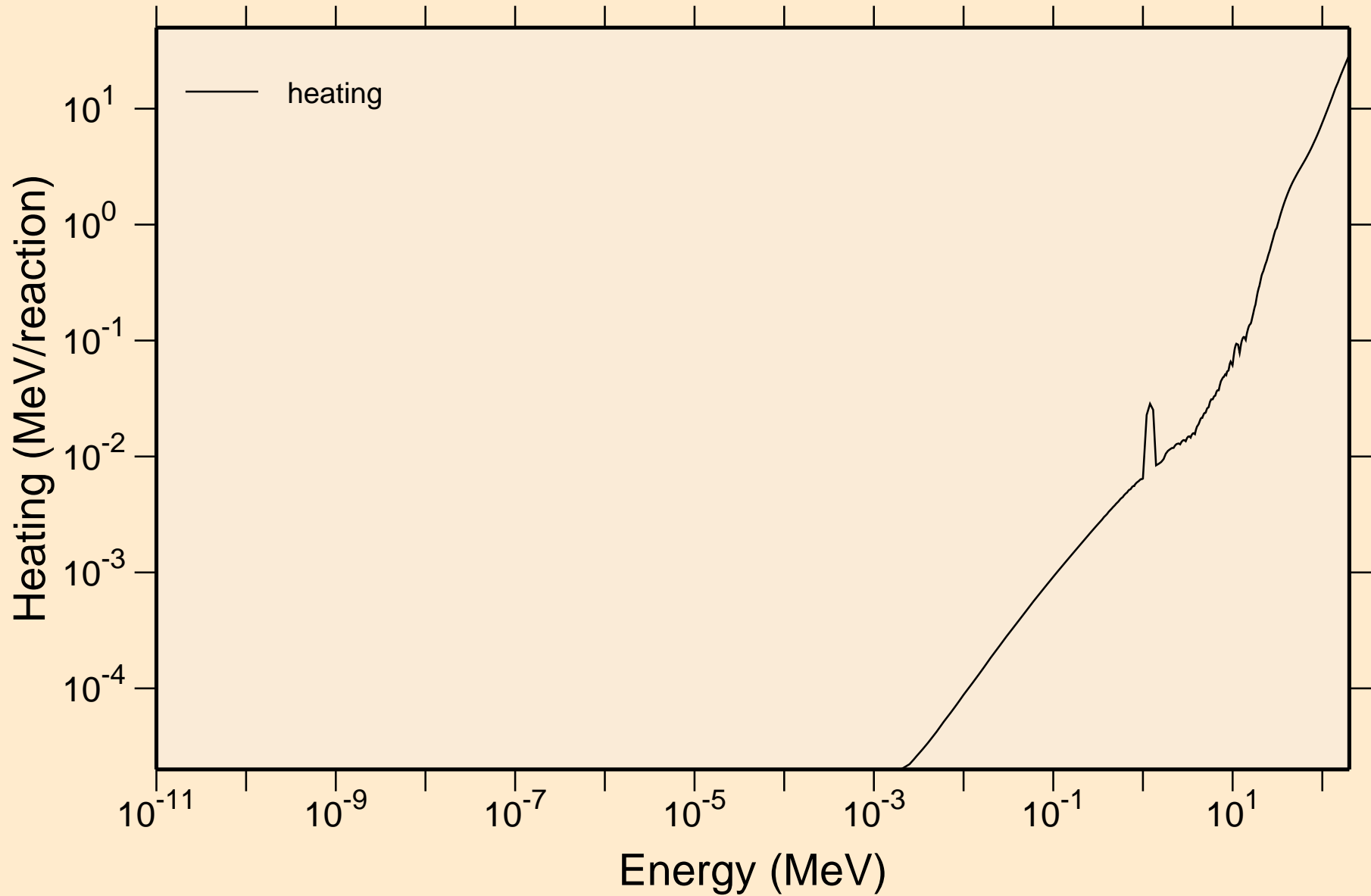
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

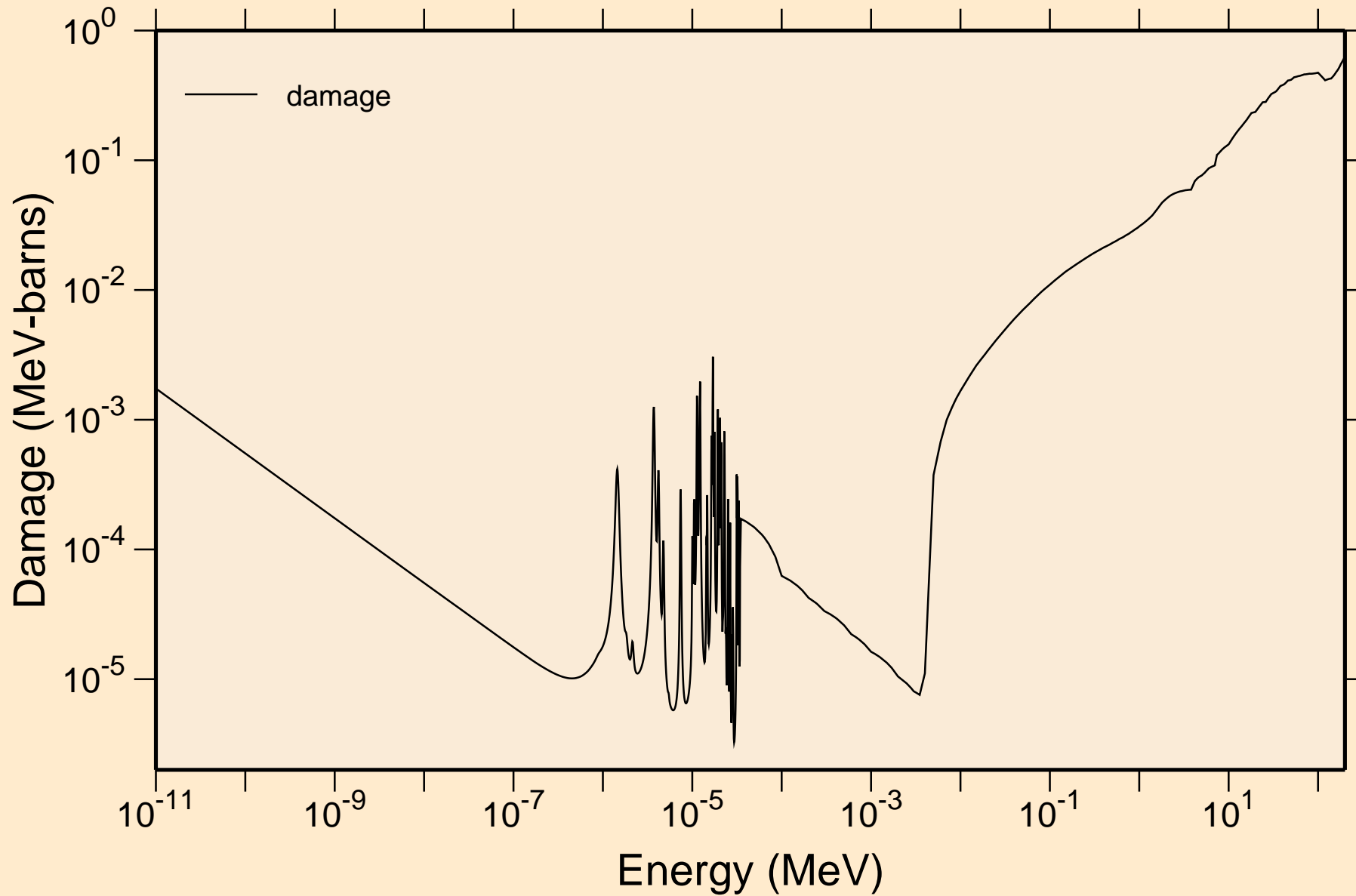


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

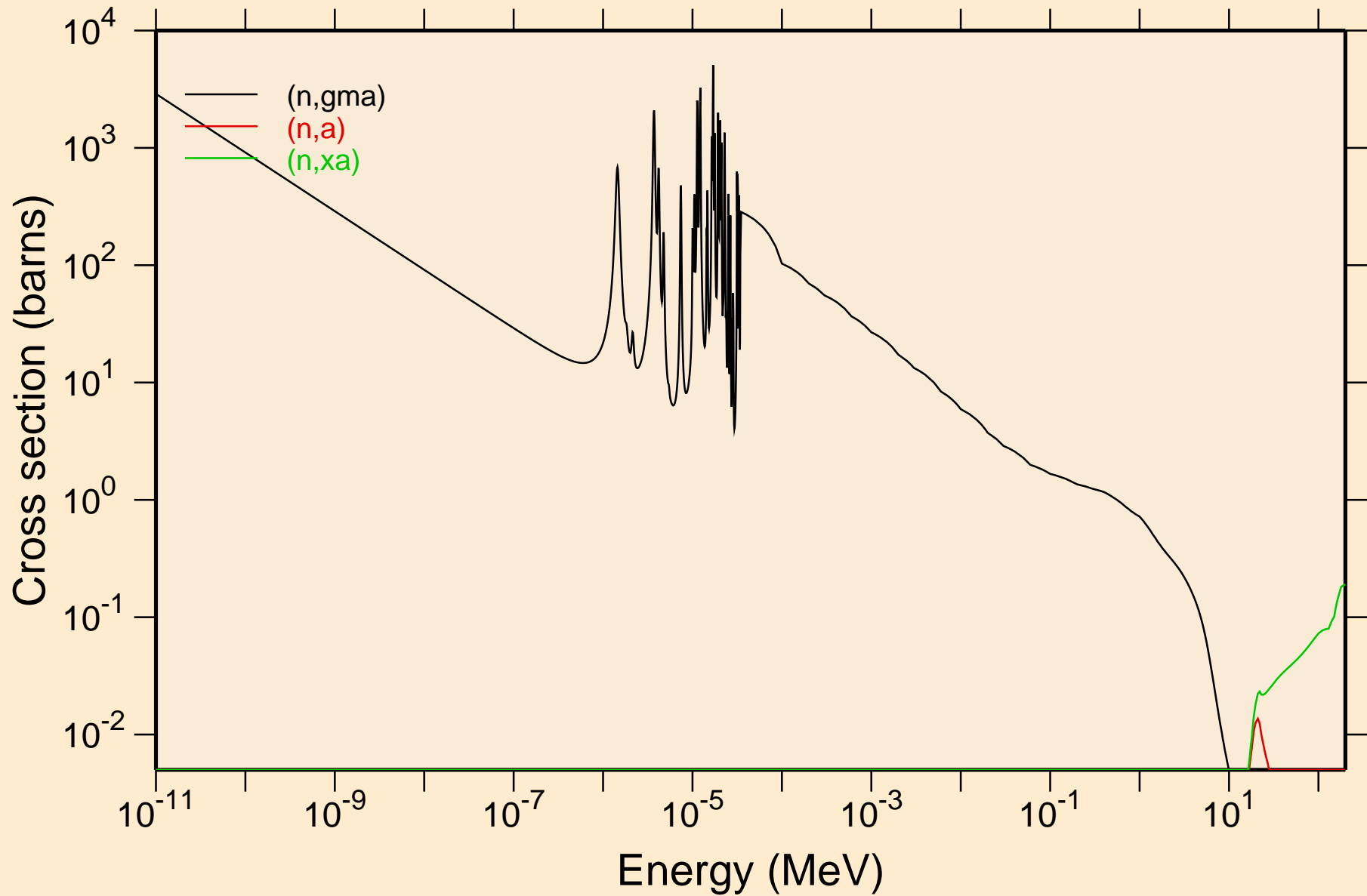




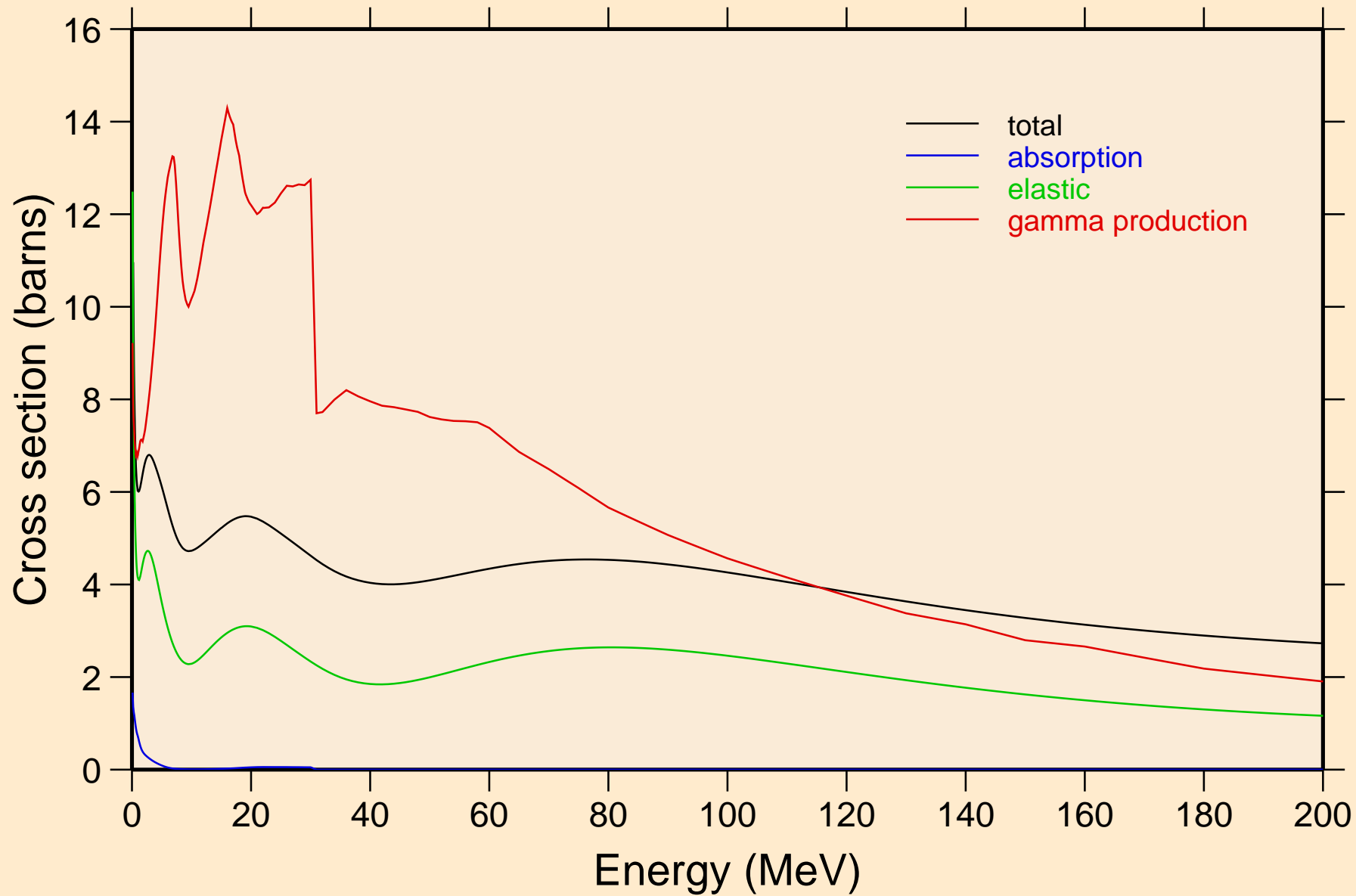
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



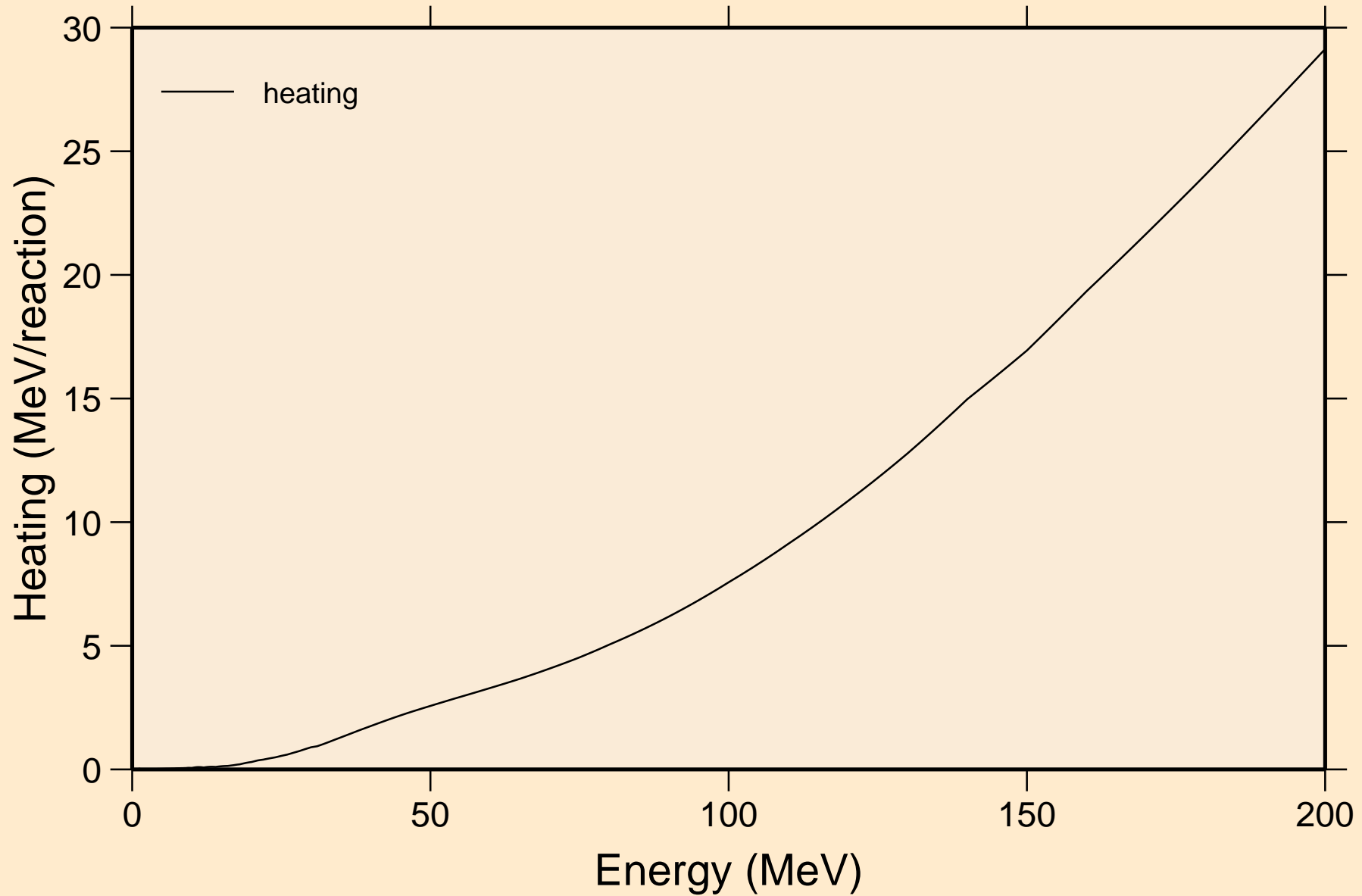
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



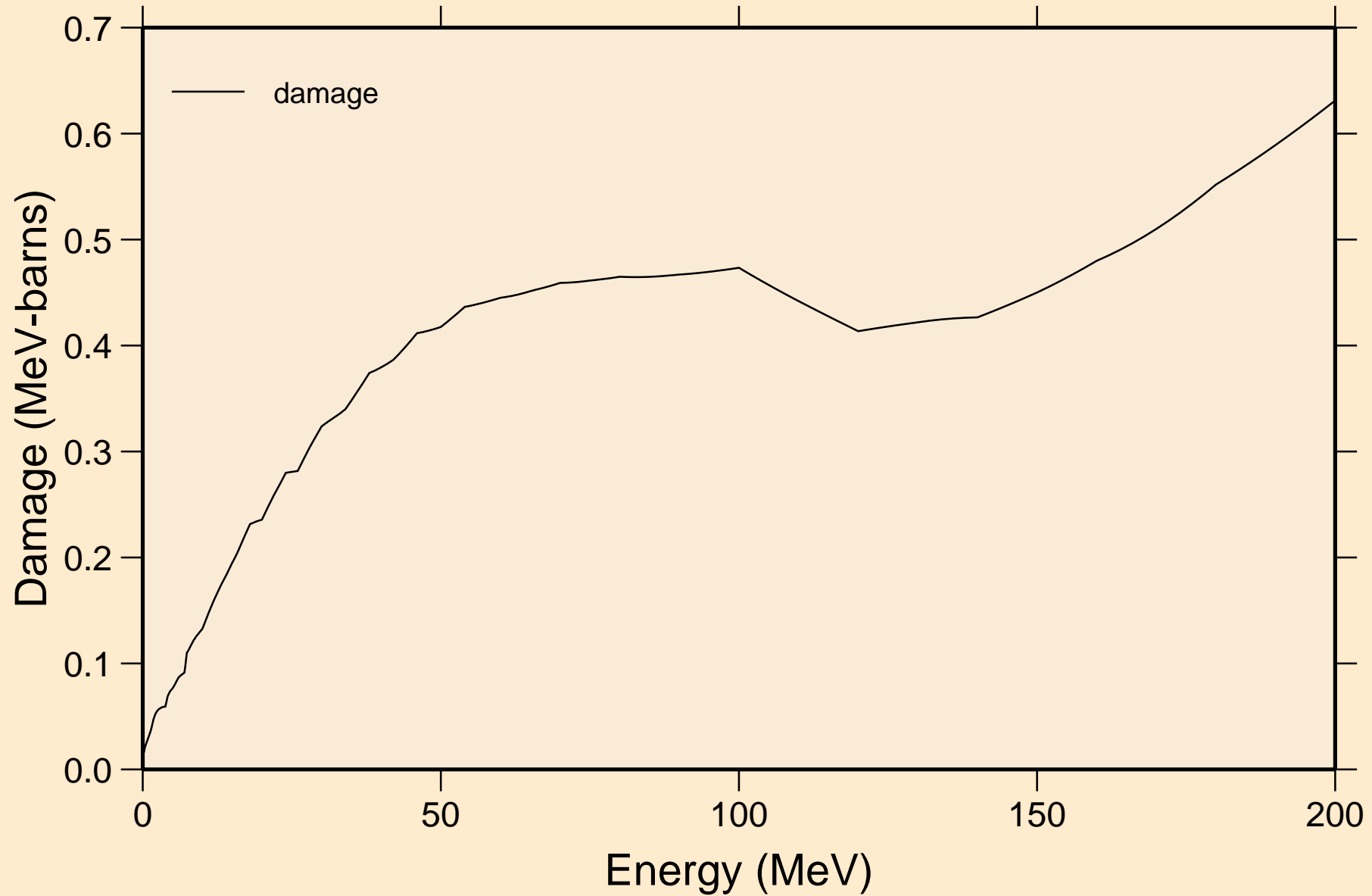
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



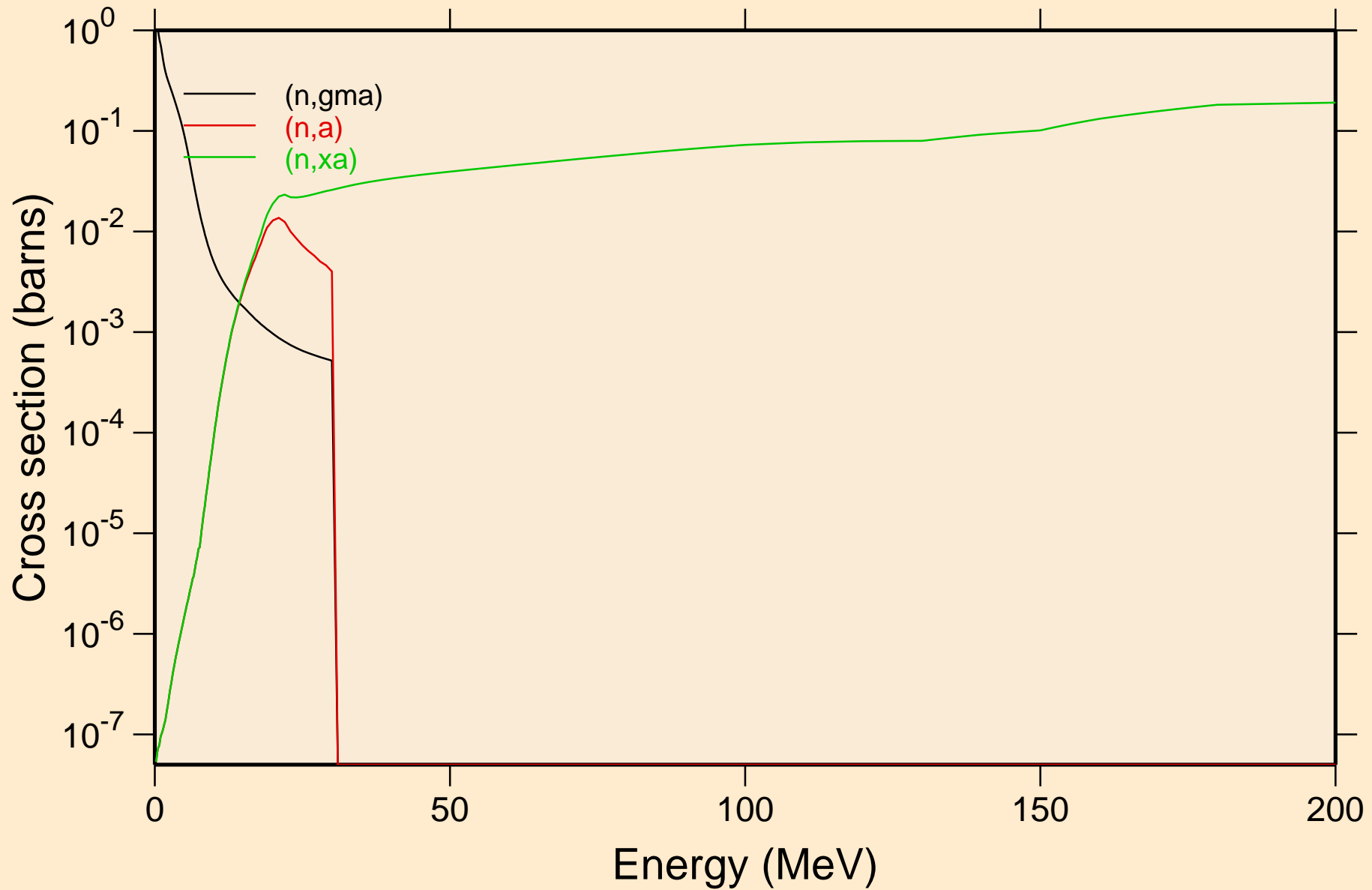
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



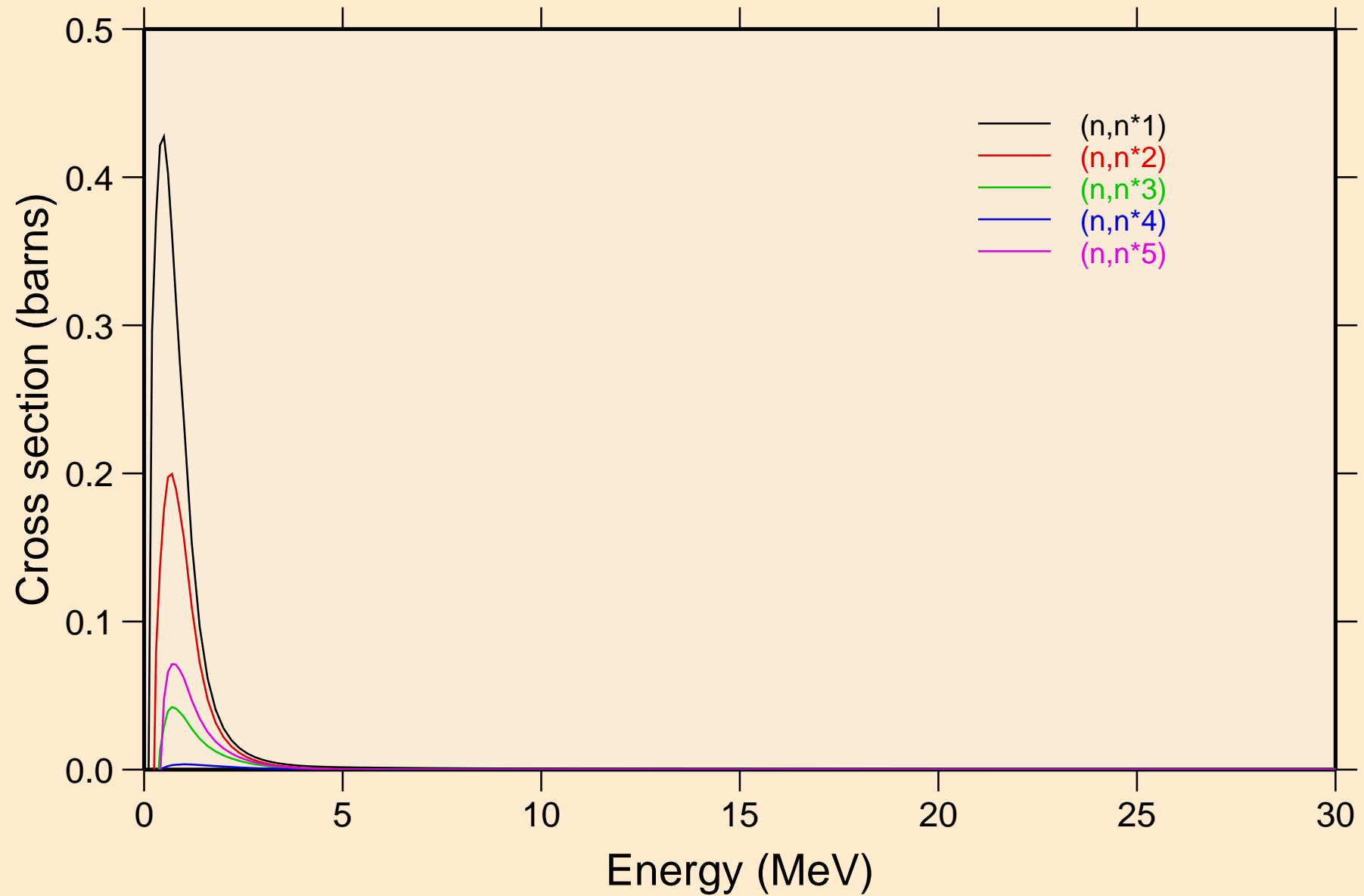
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



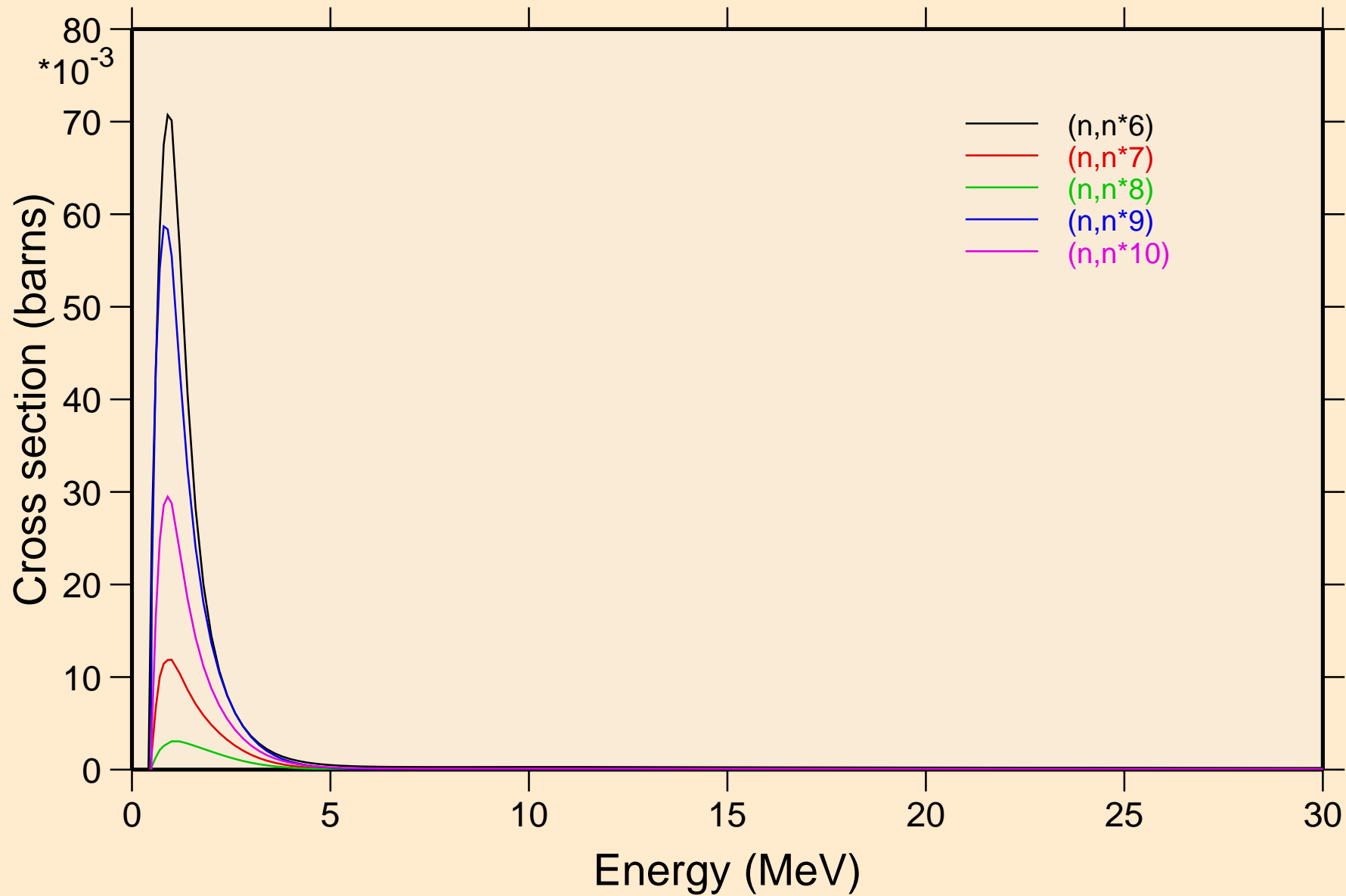
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

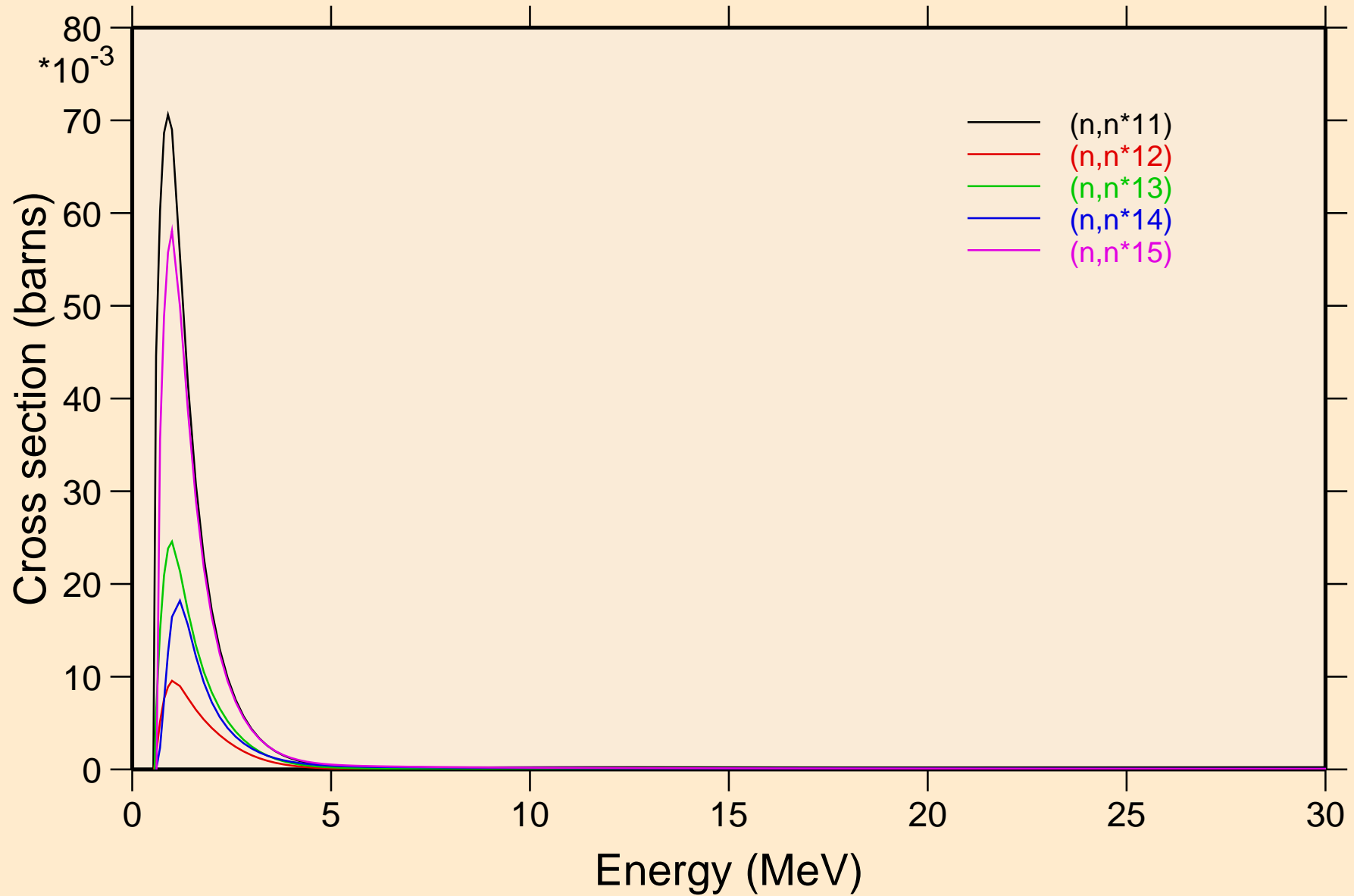


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

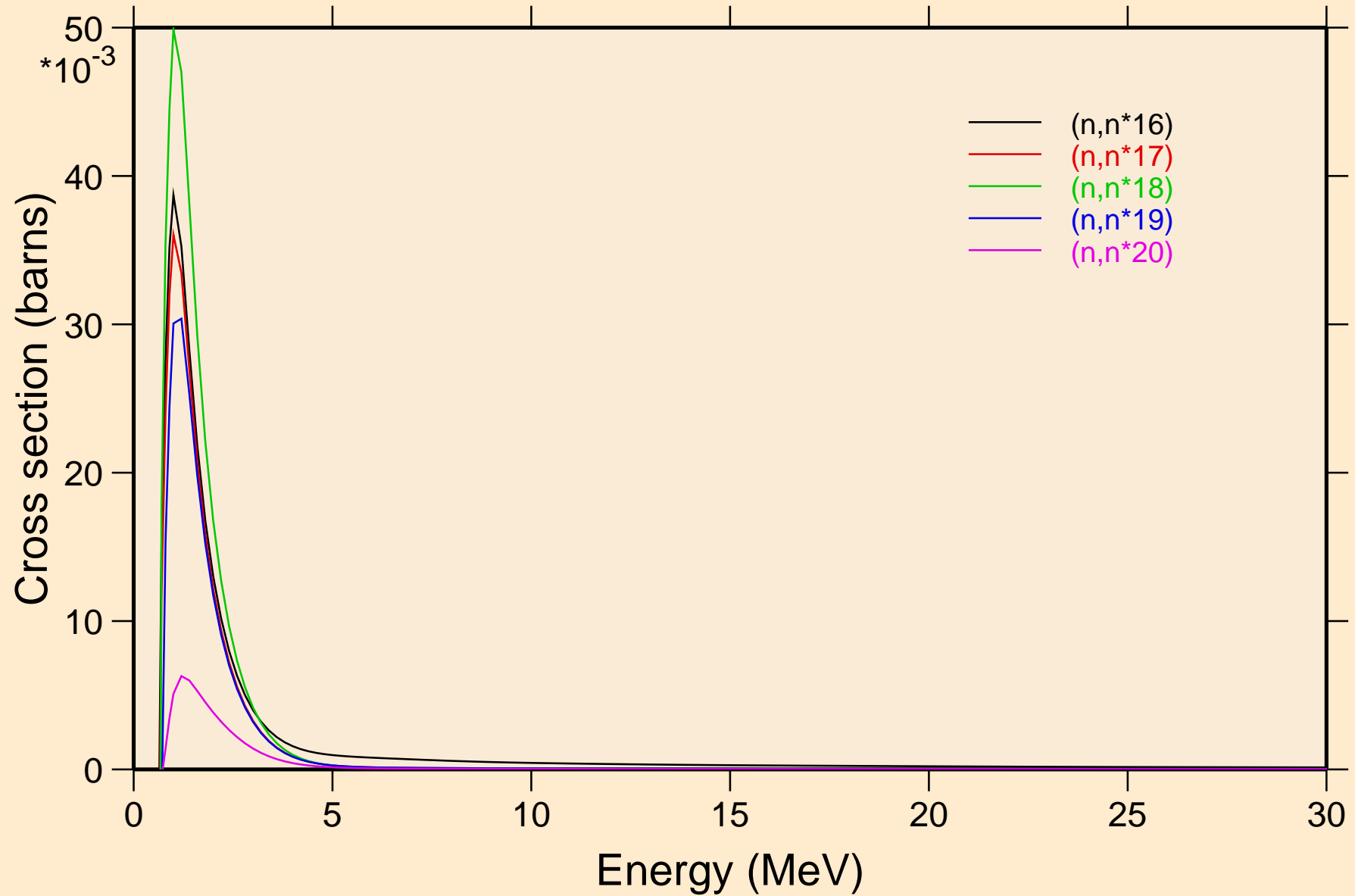




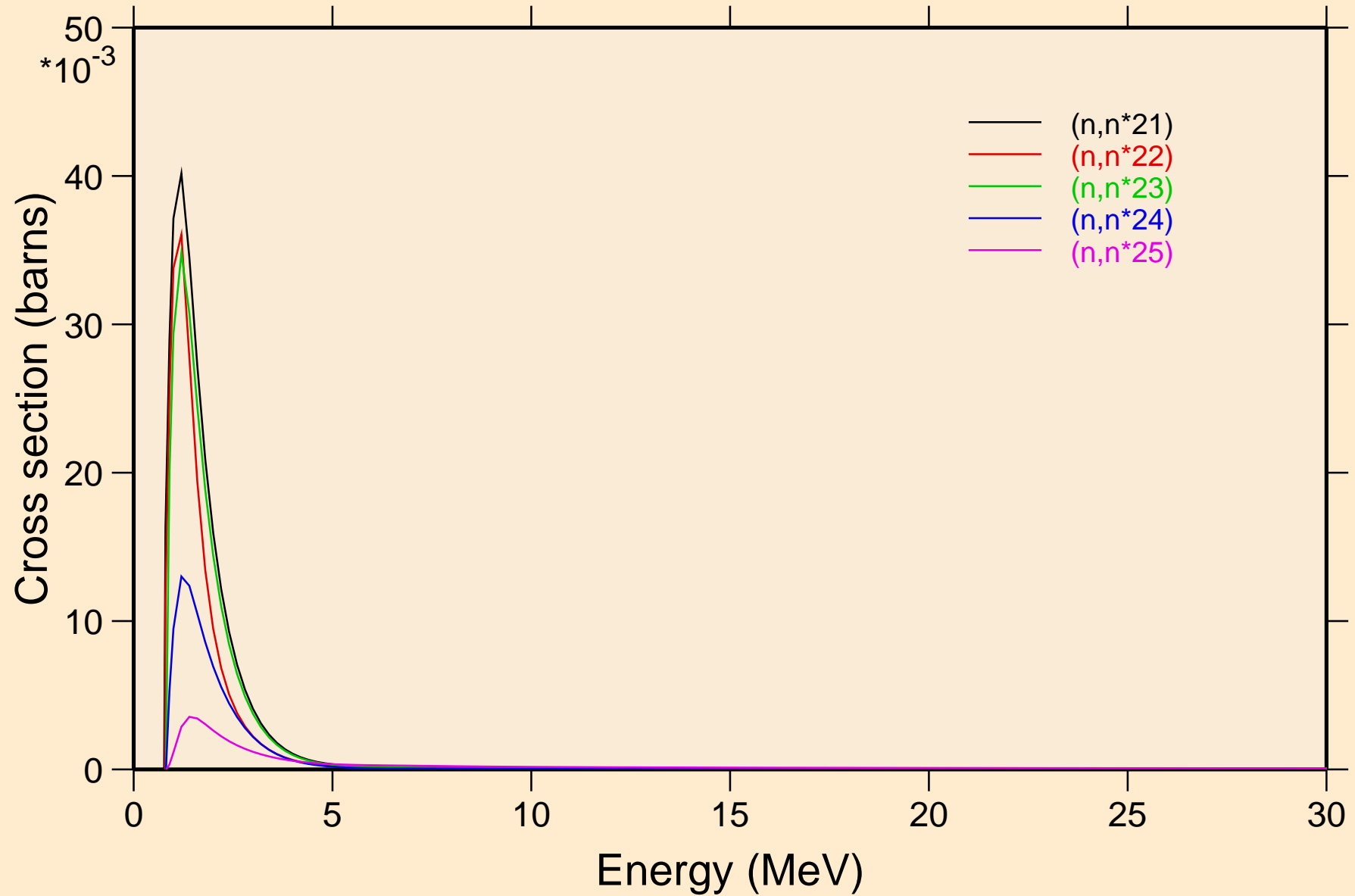
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



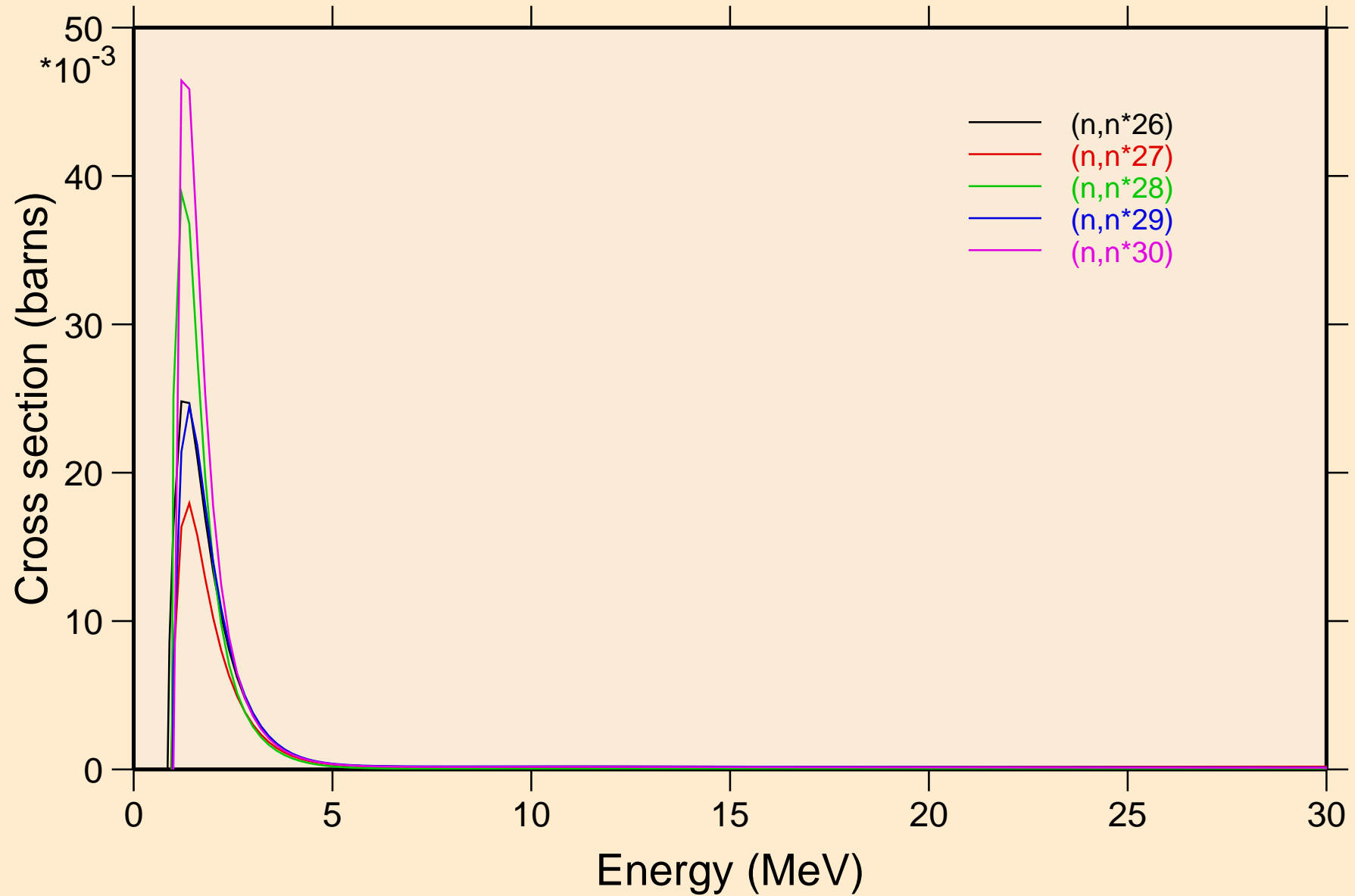
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



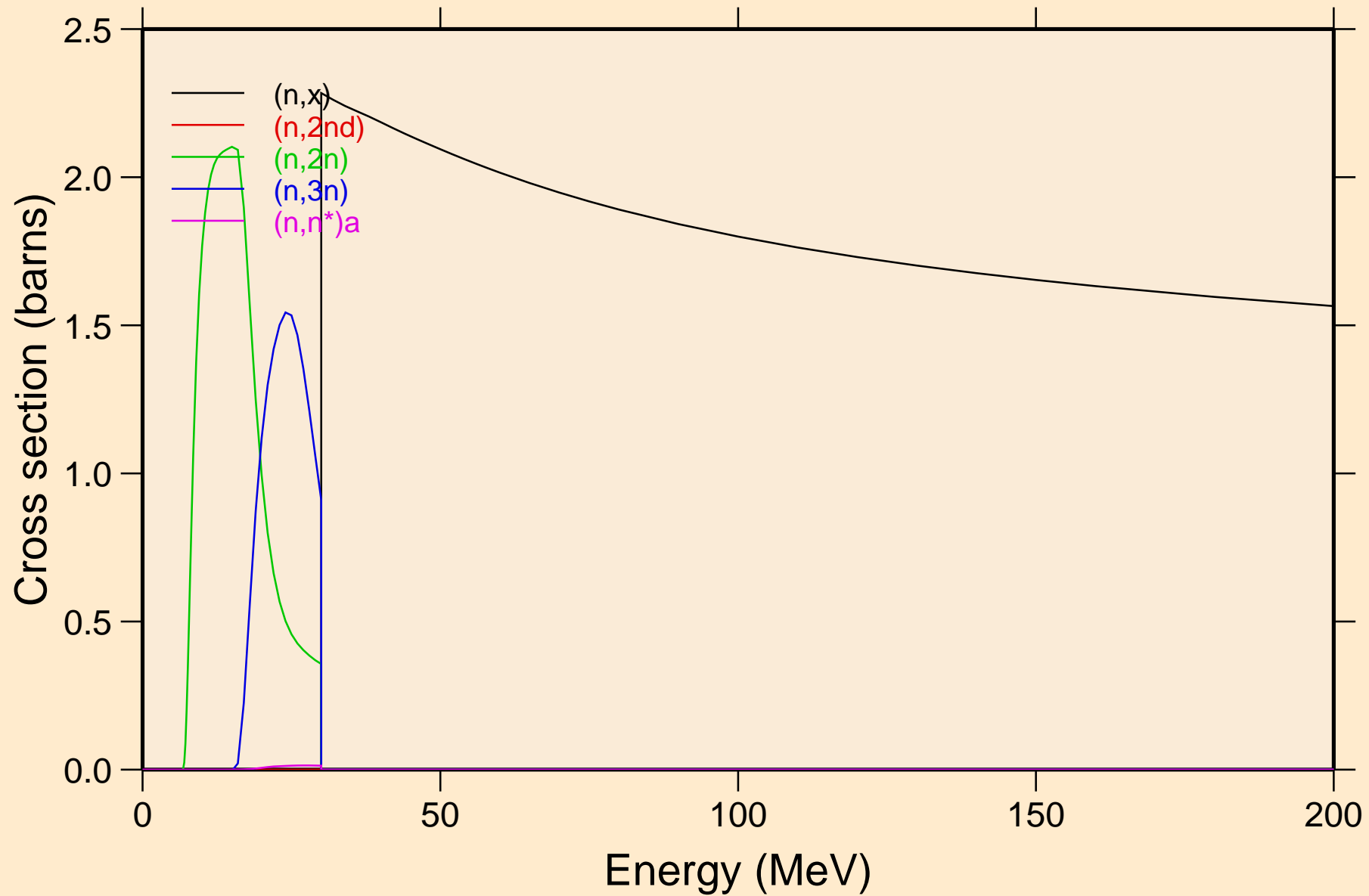
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



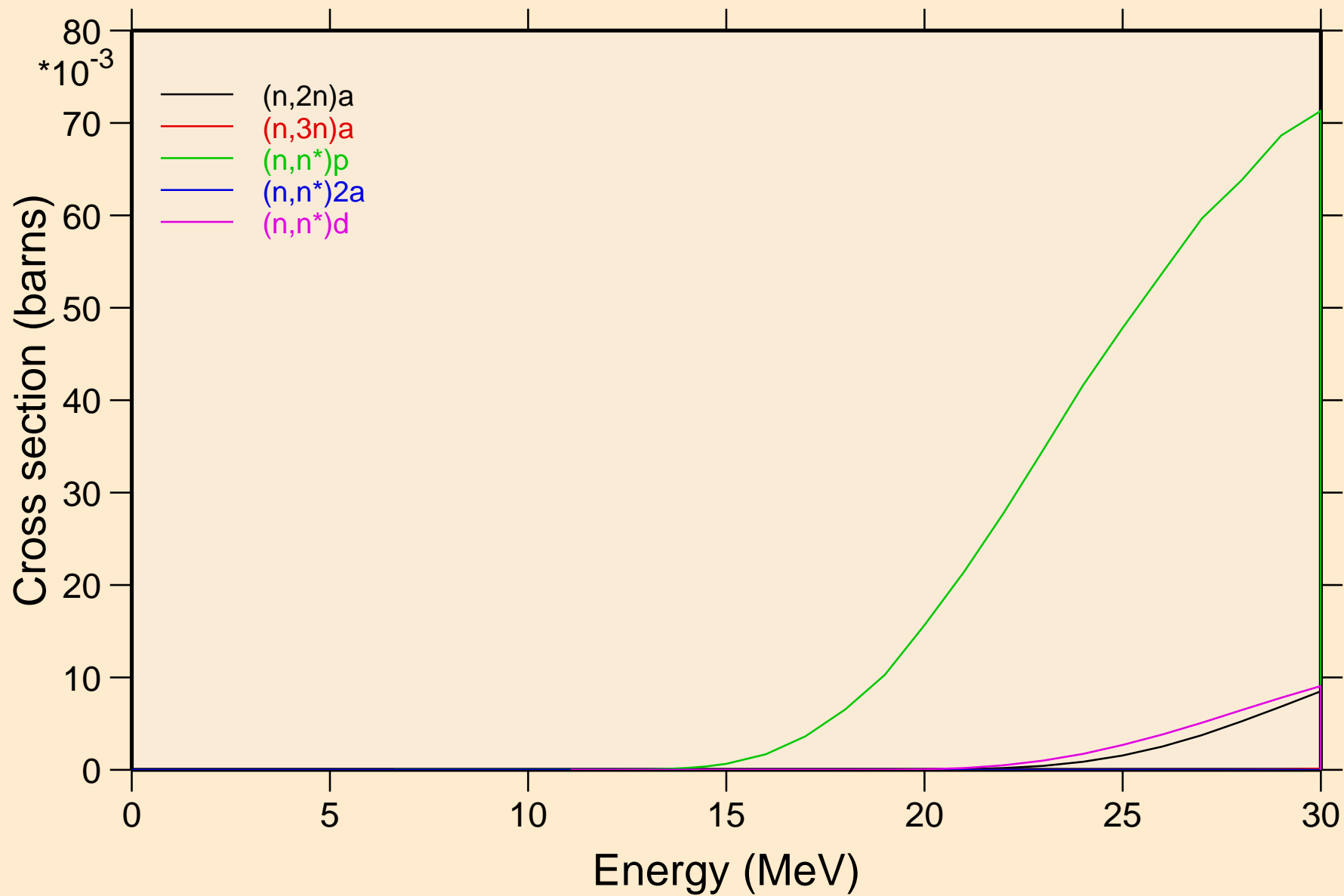
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



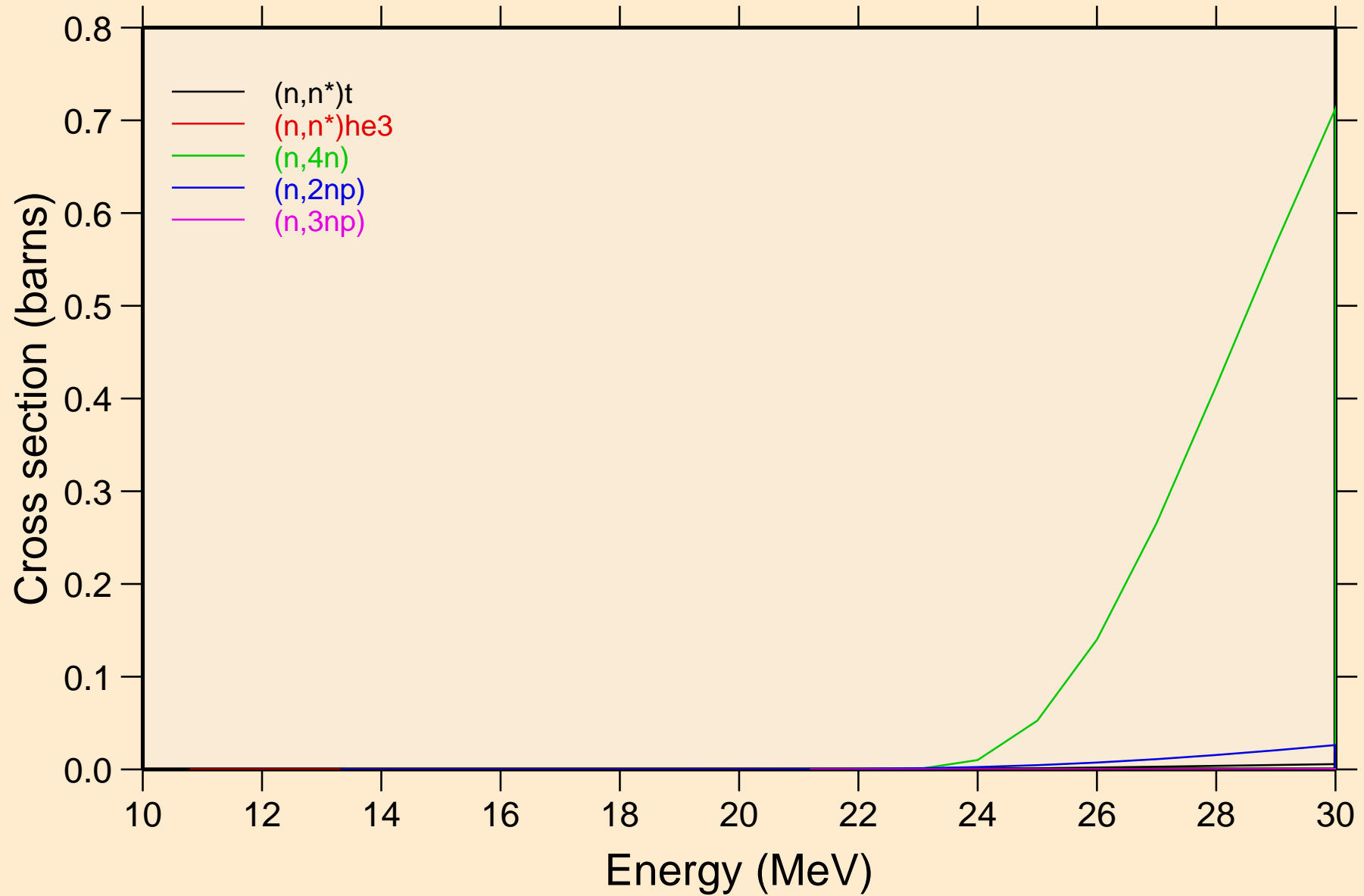
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



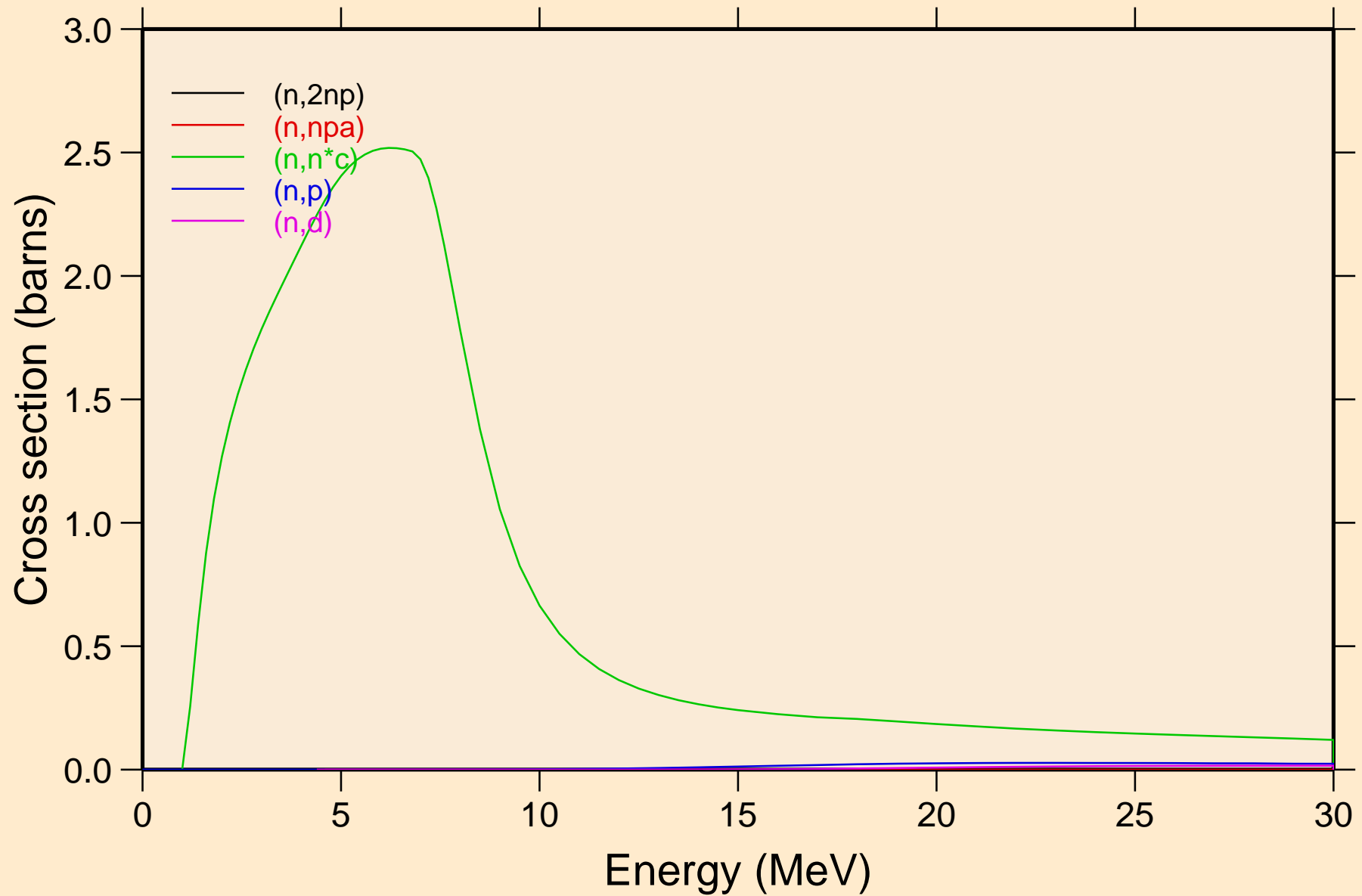
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

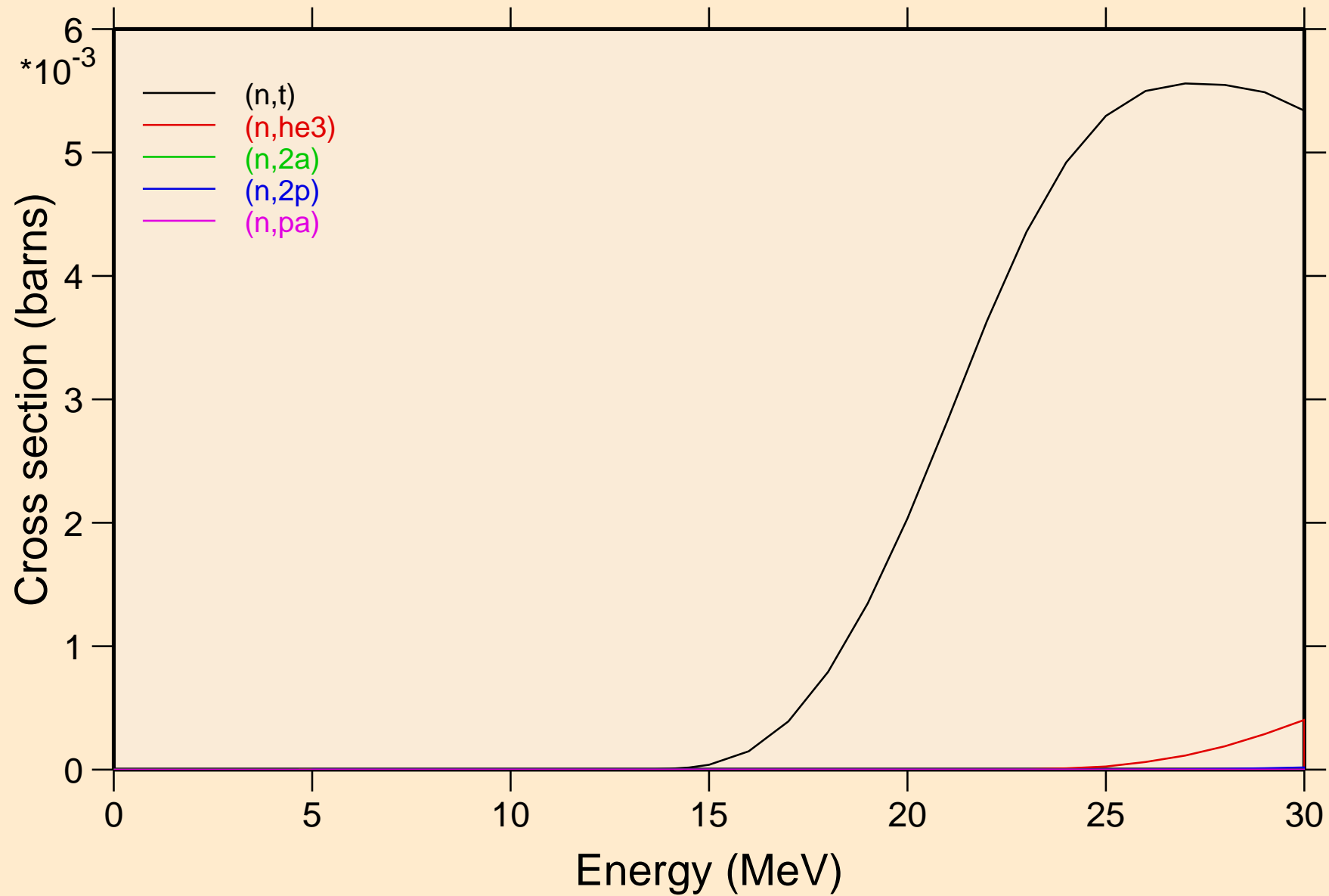


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

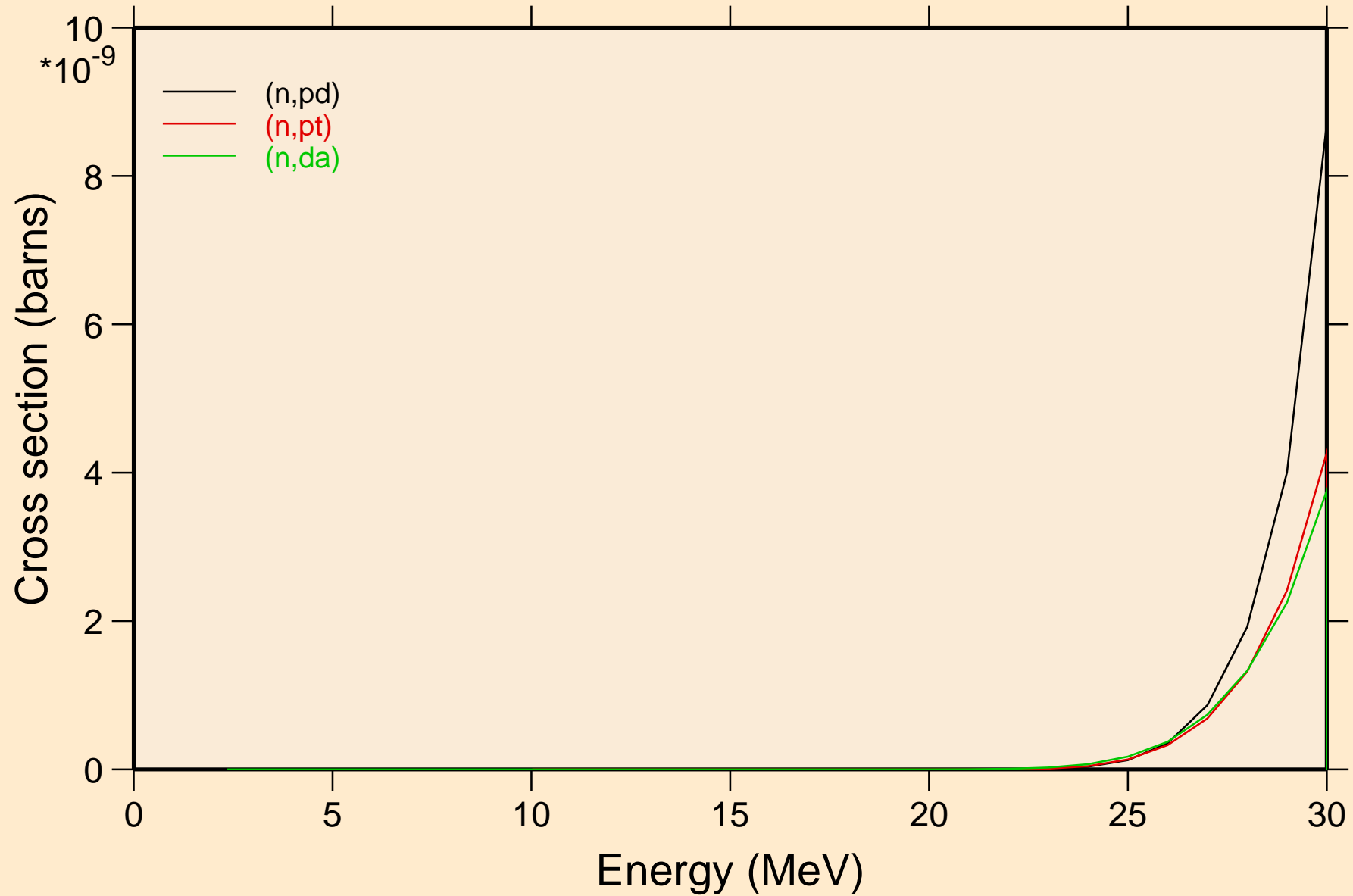




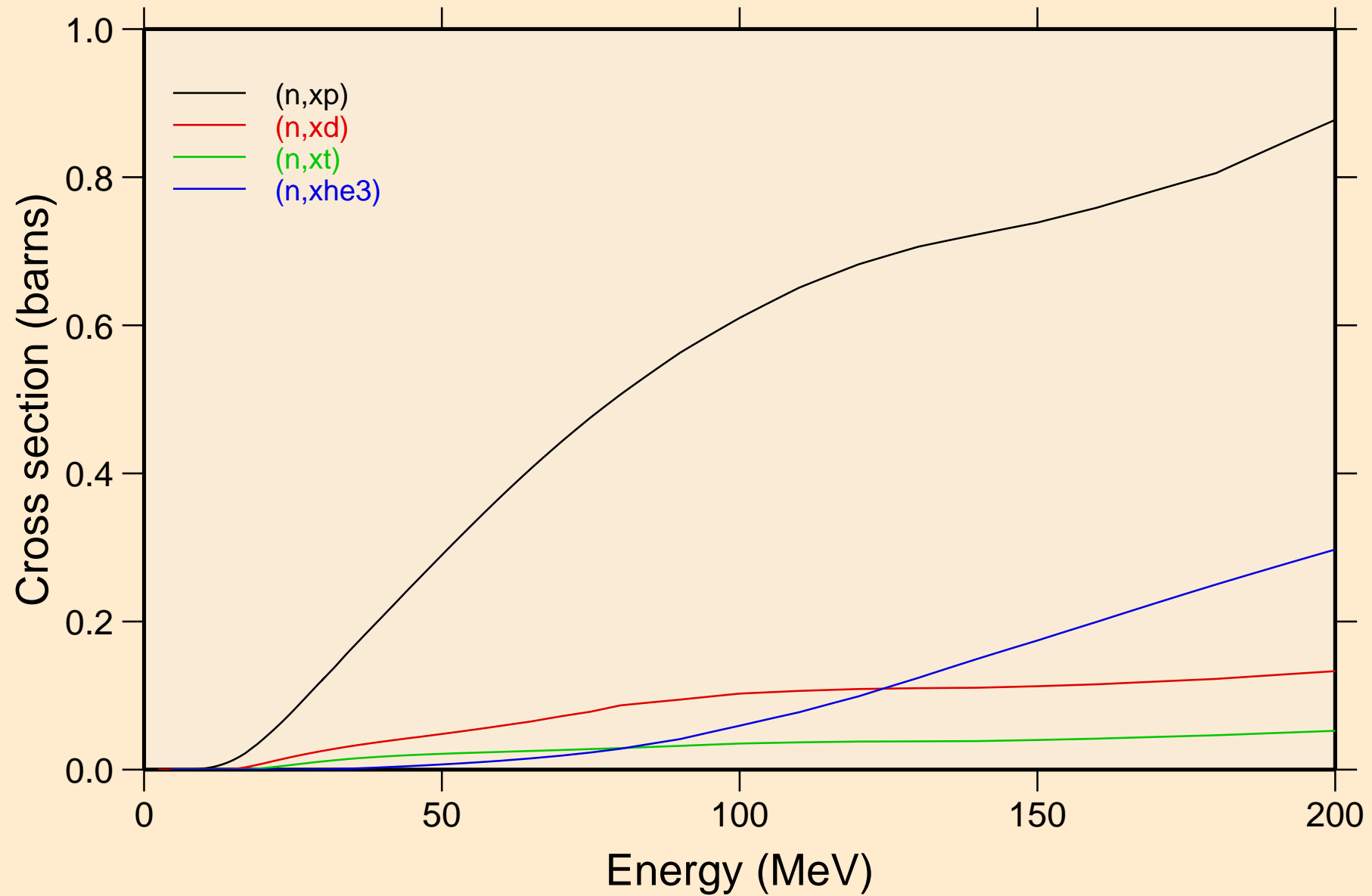
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



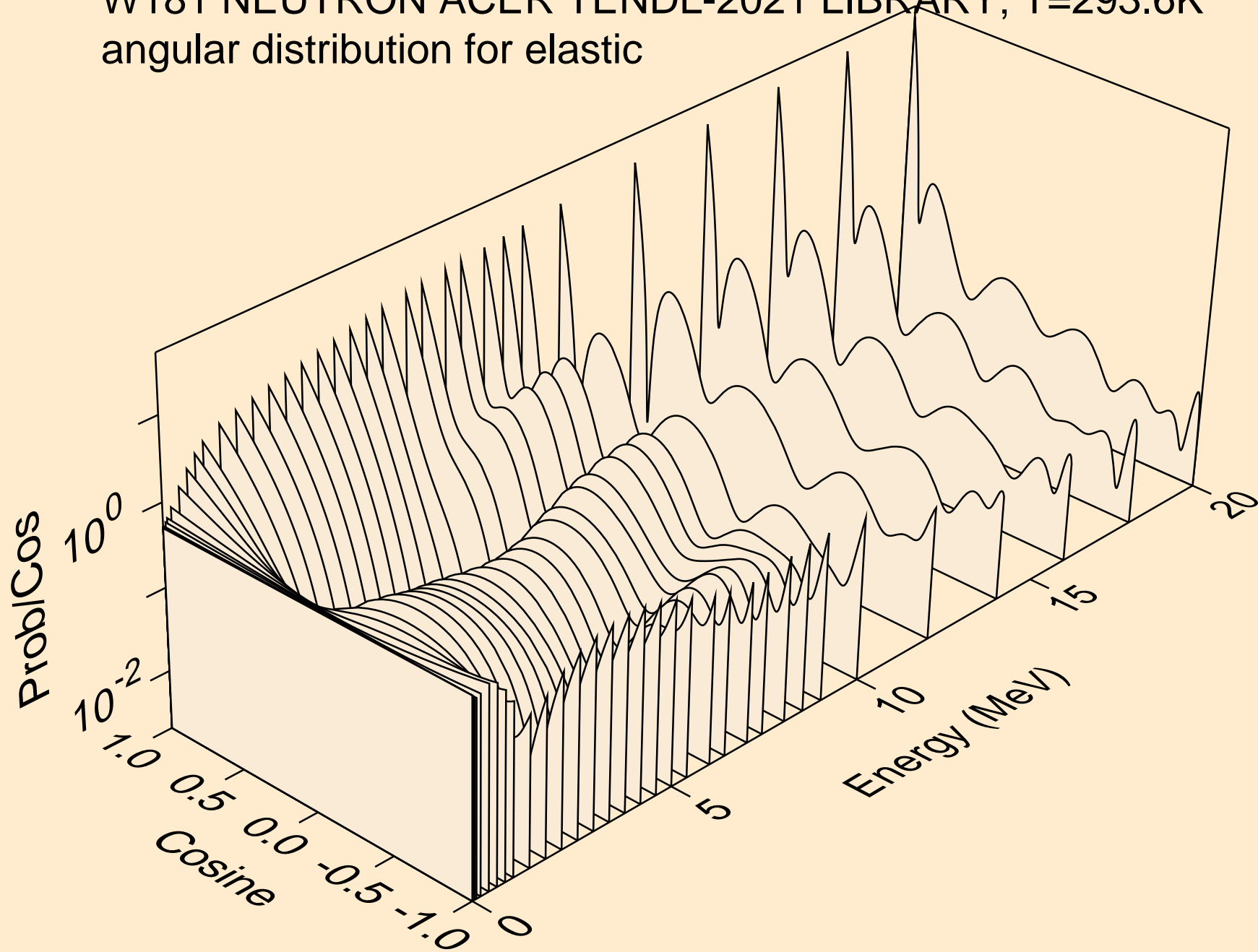
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



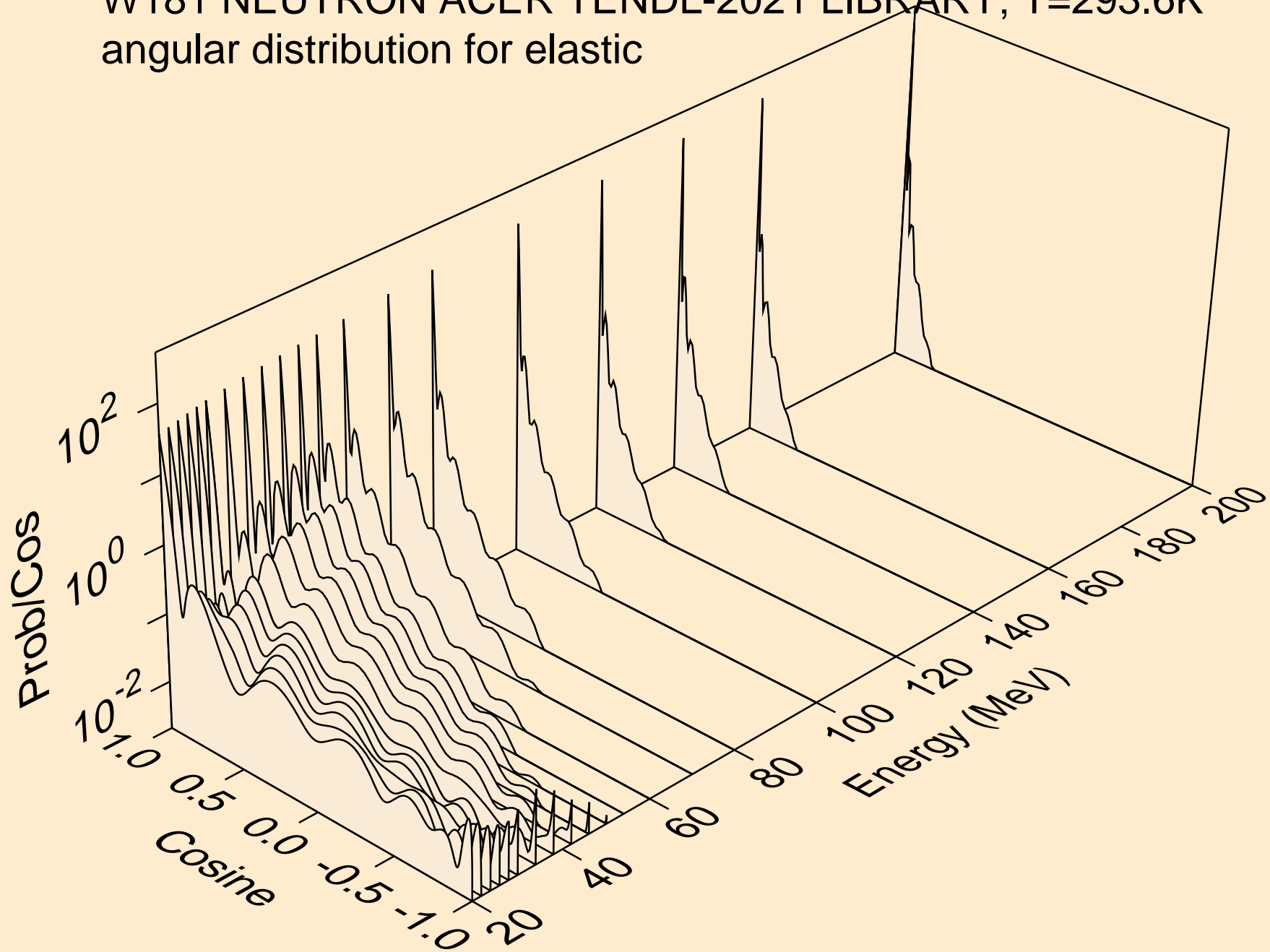
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



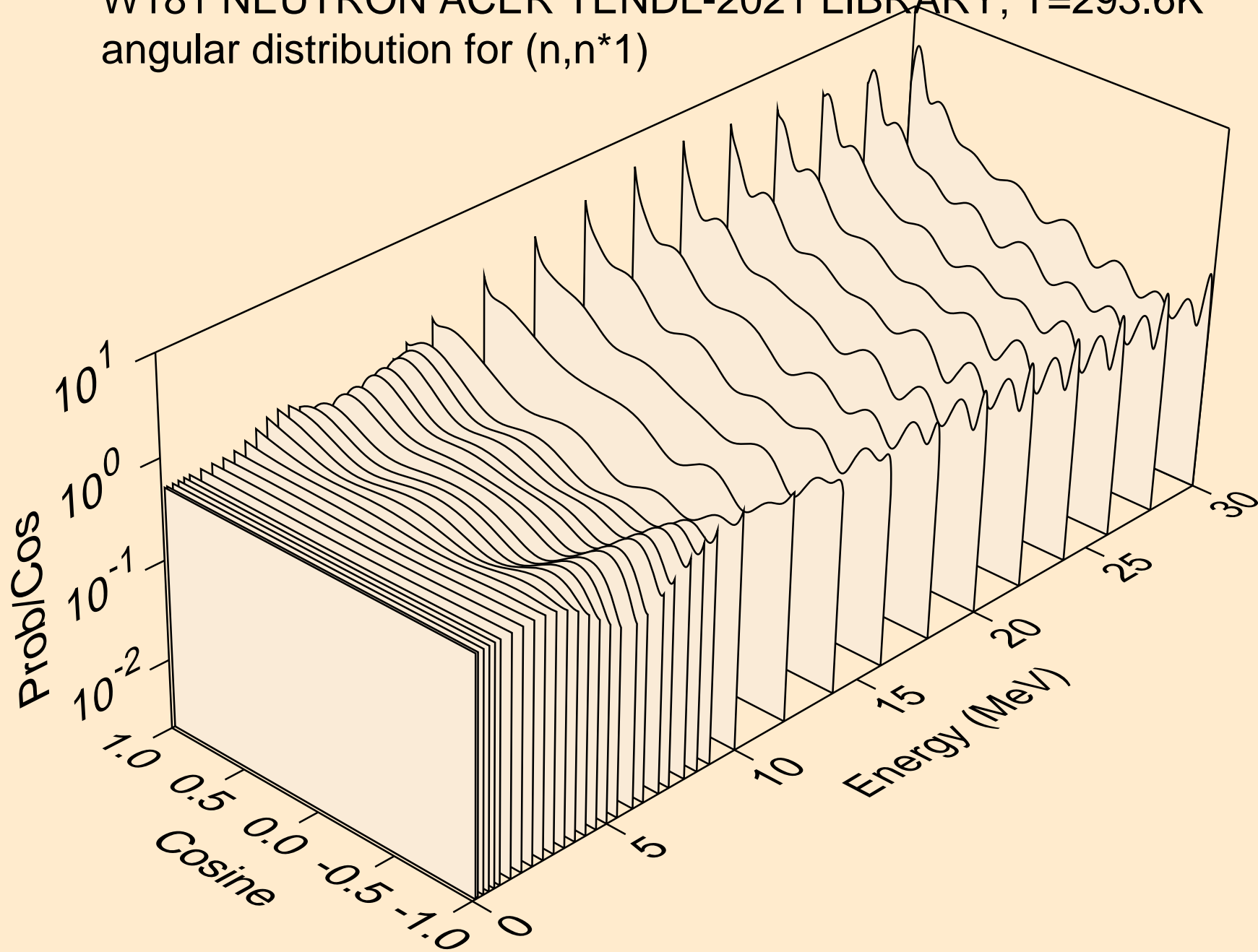
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



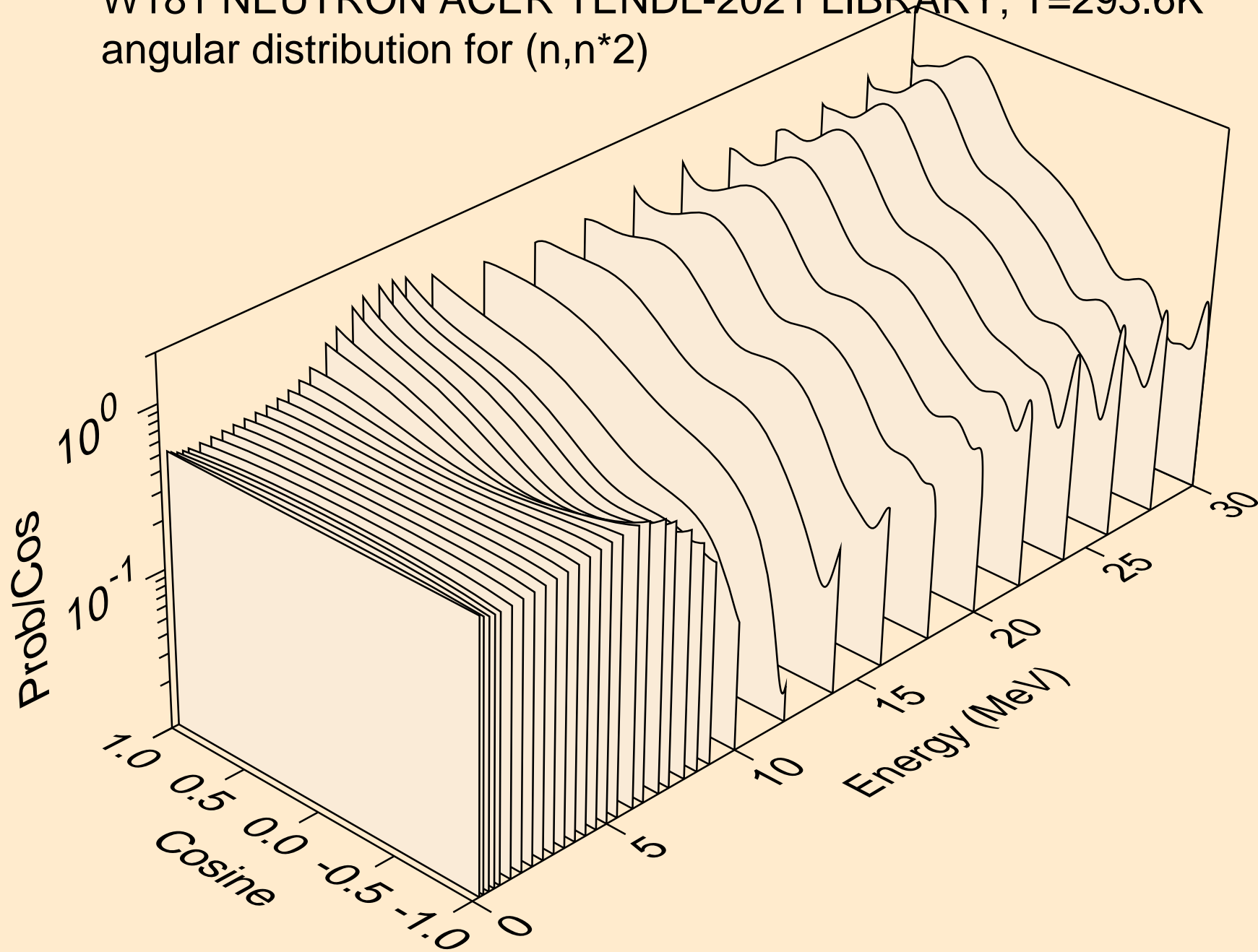
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



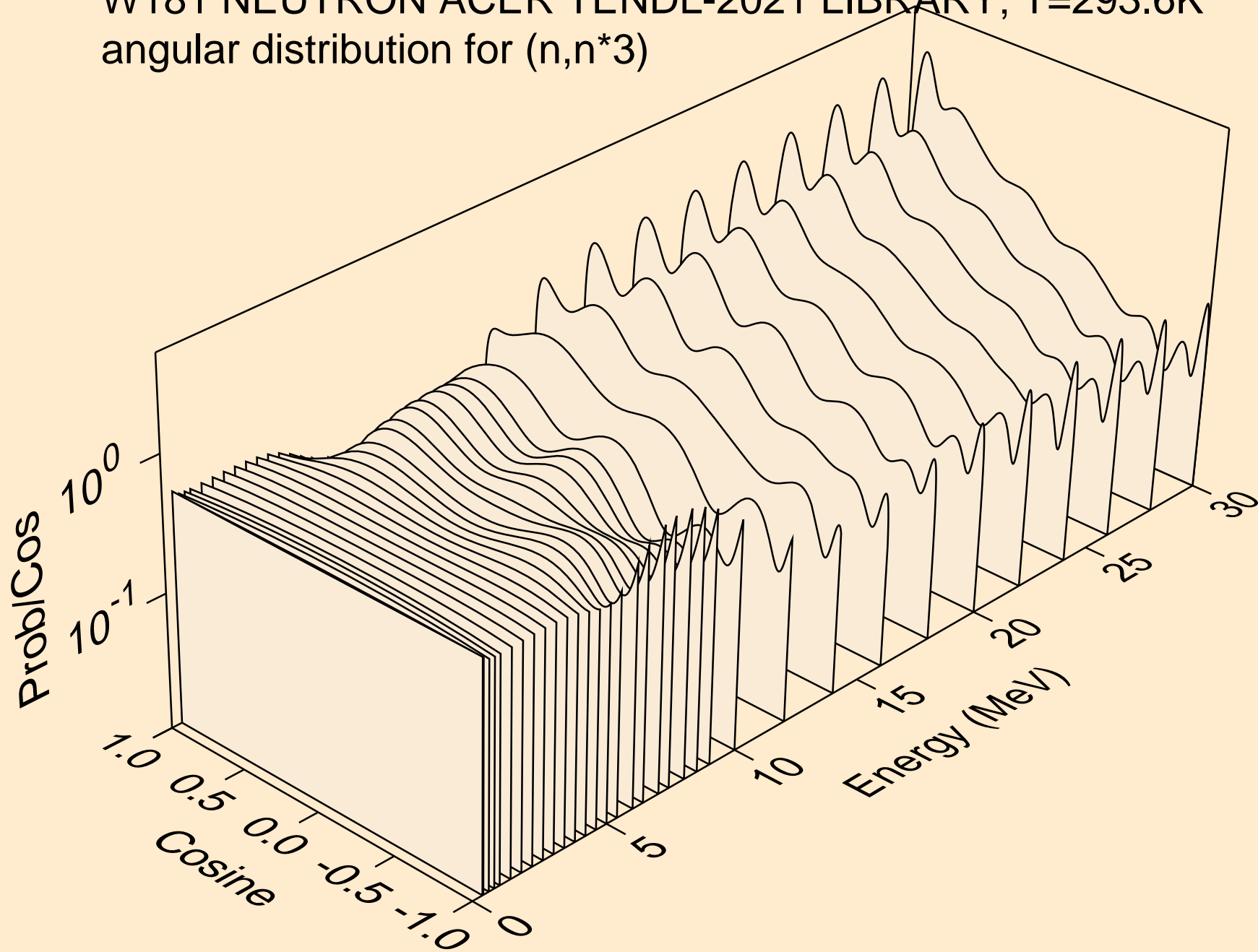
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

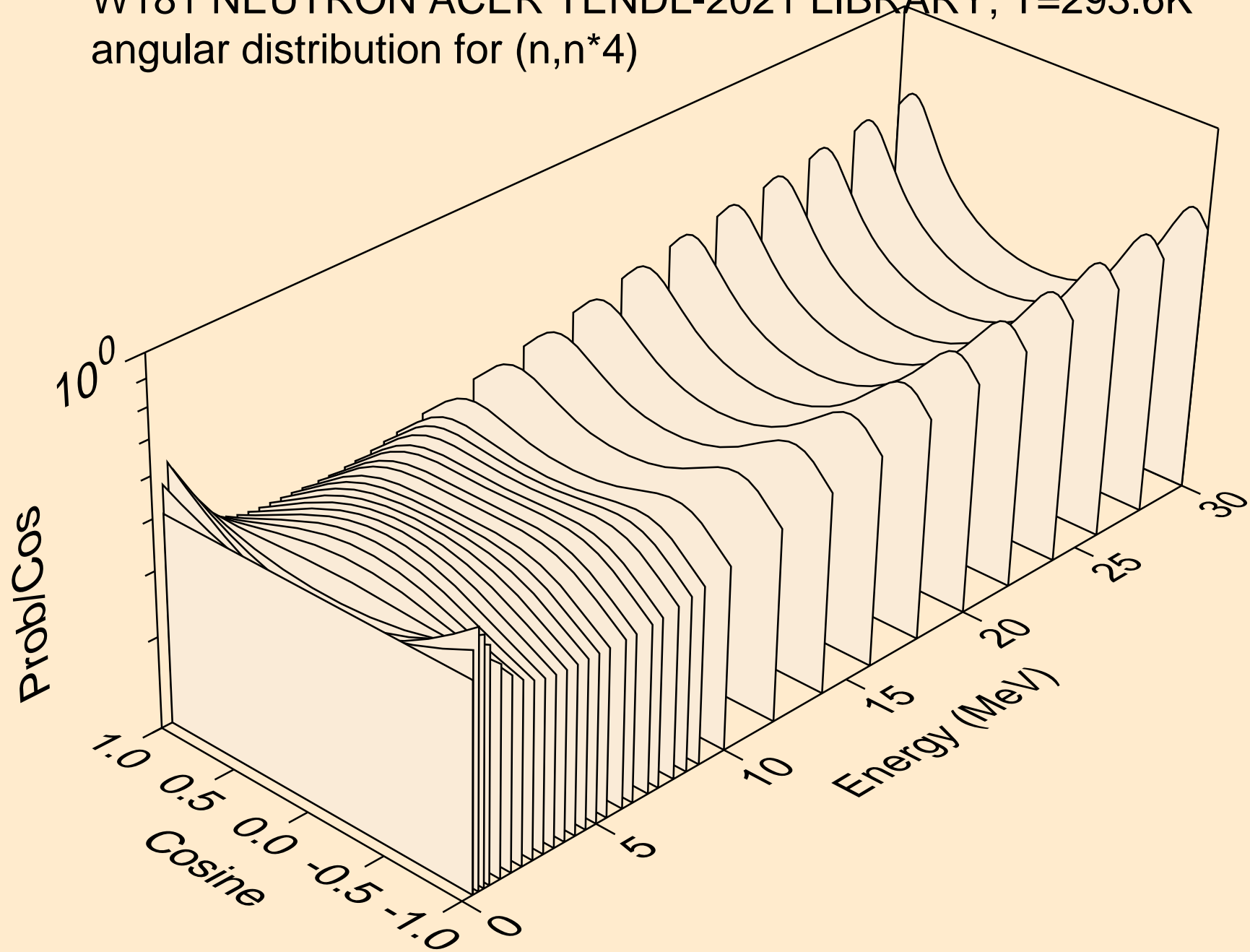


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)

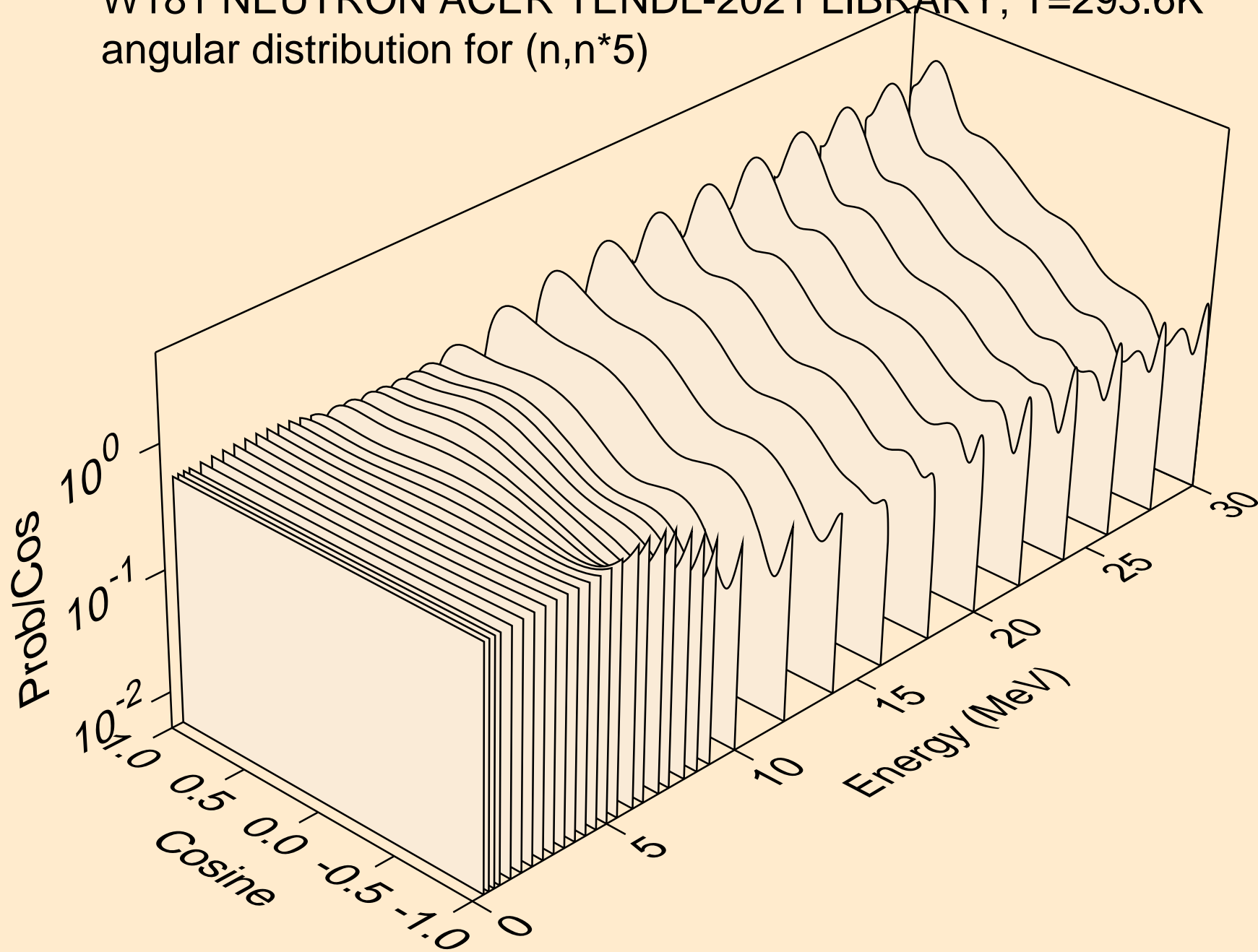




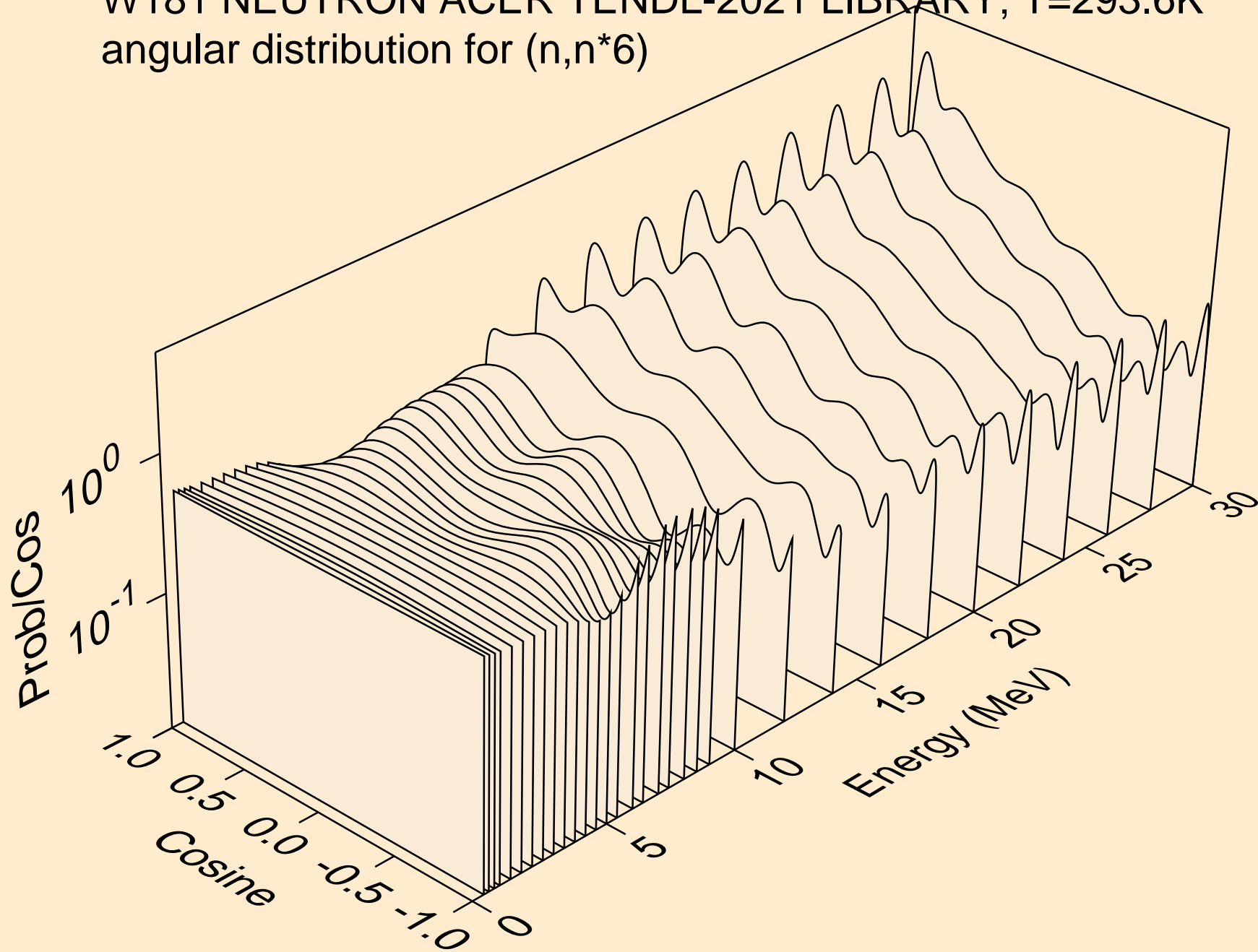
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



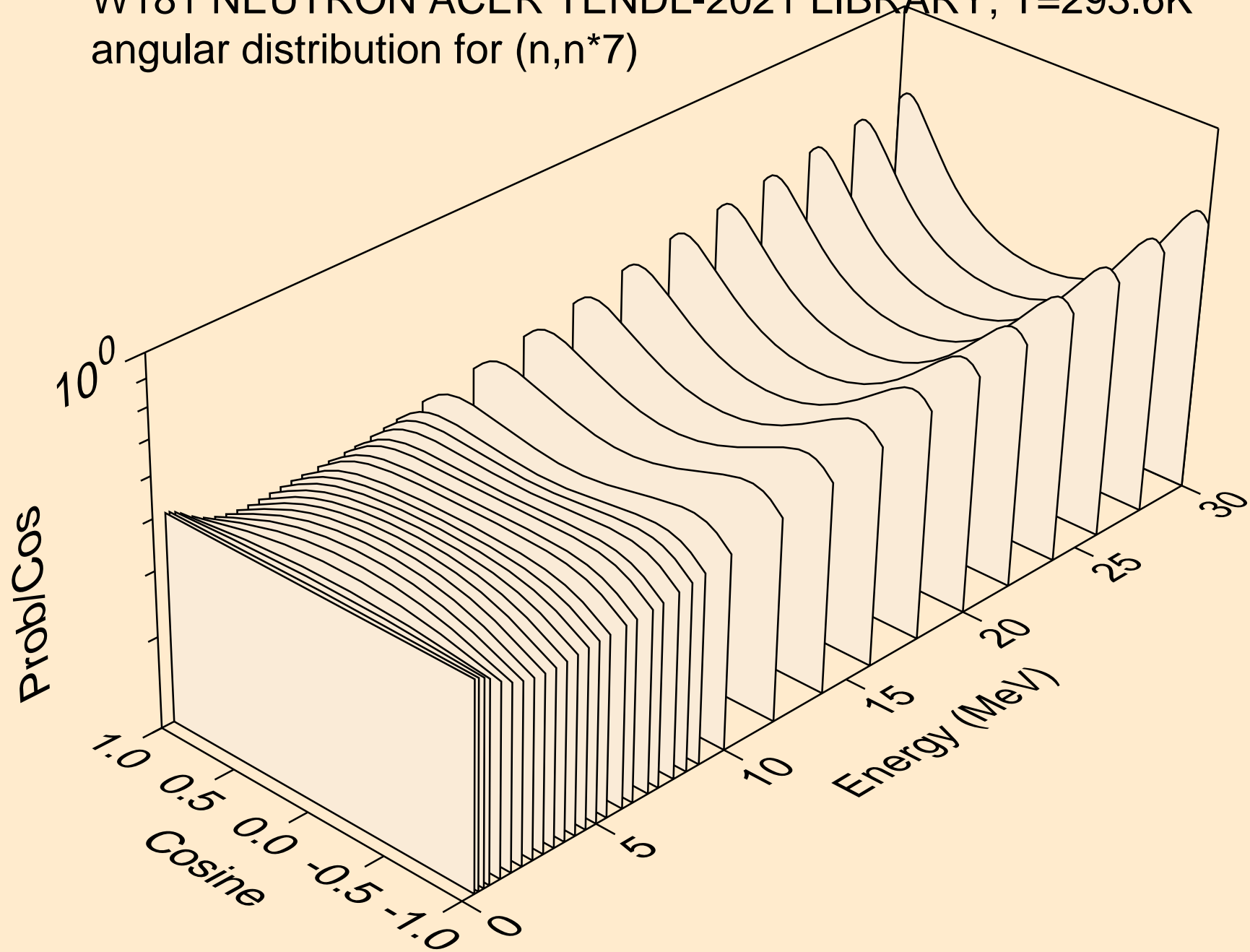
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



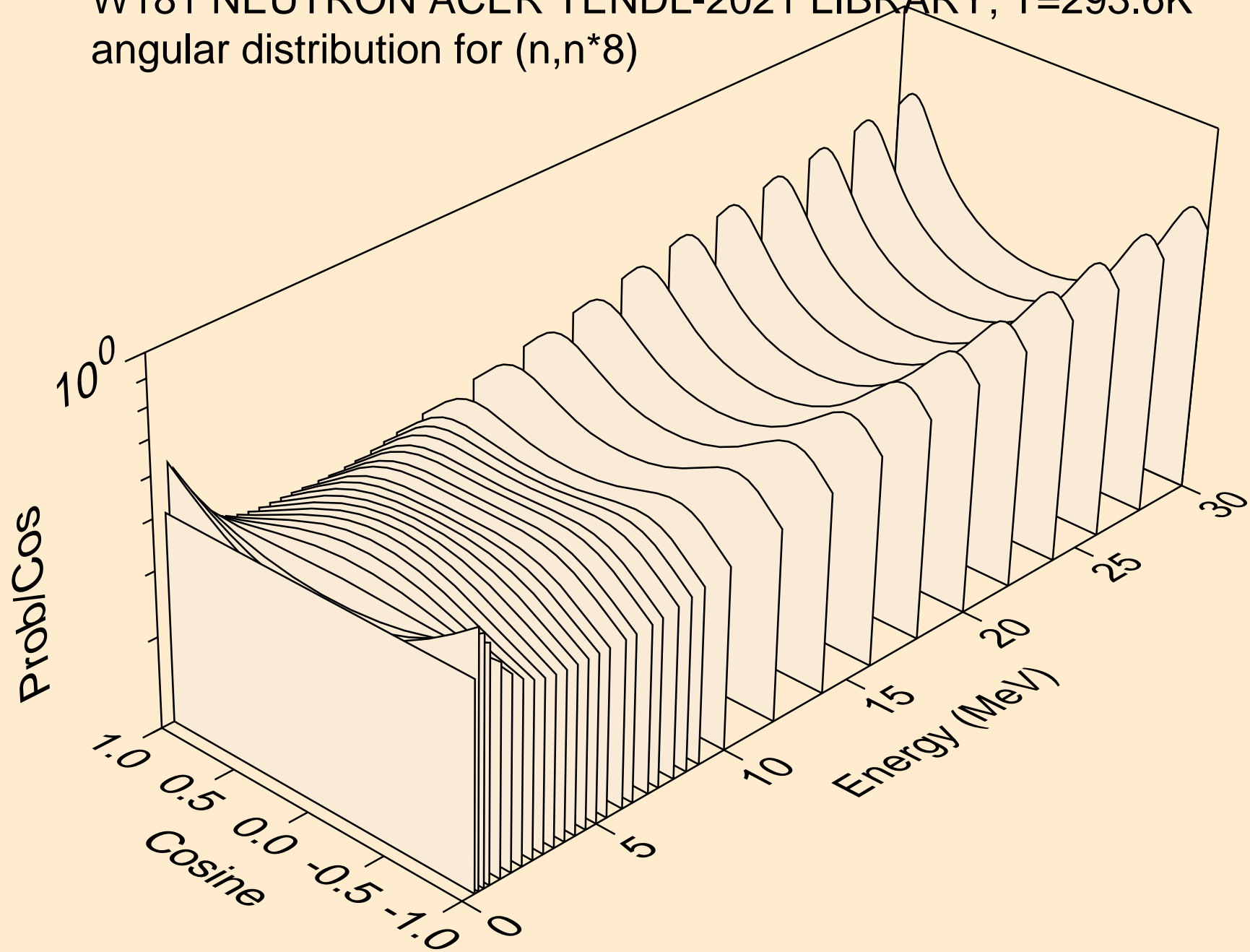
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



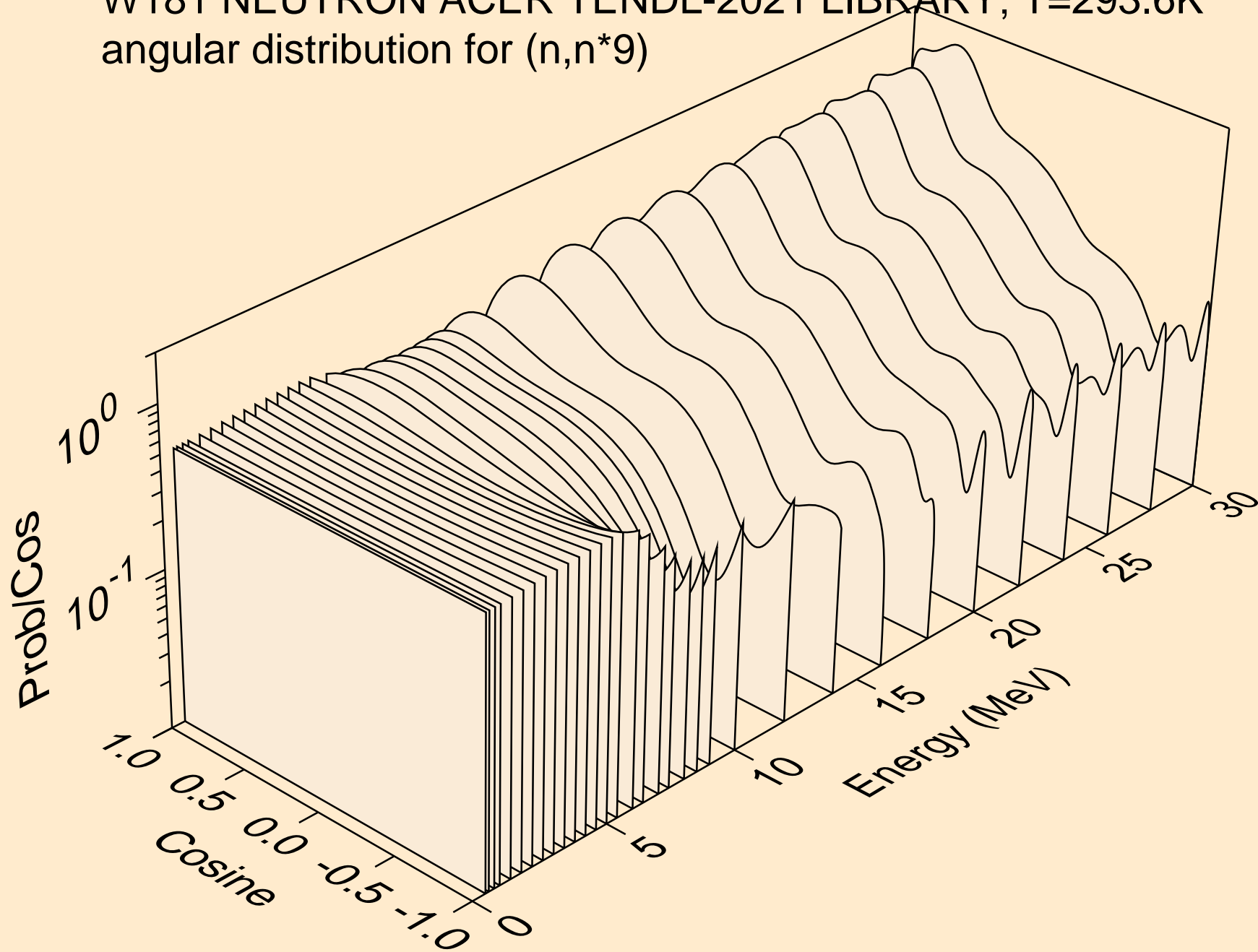
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



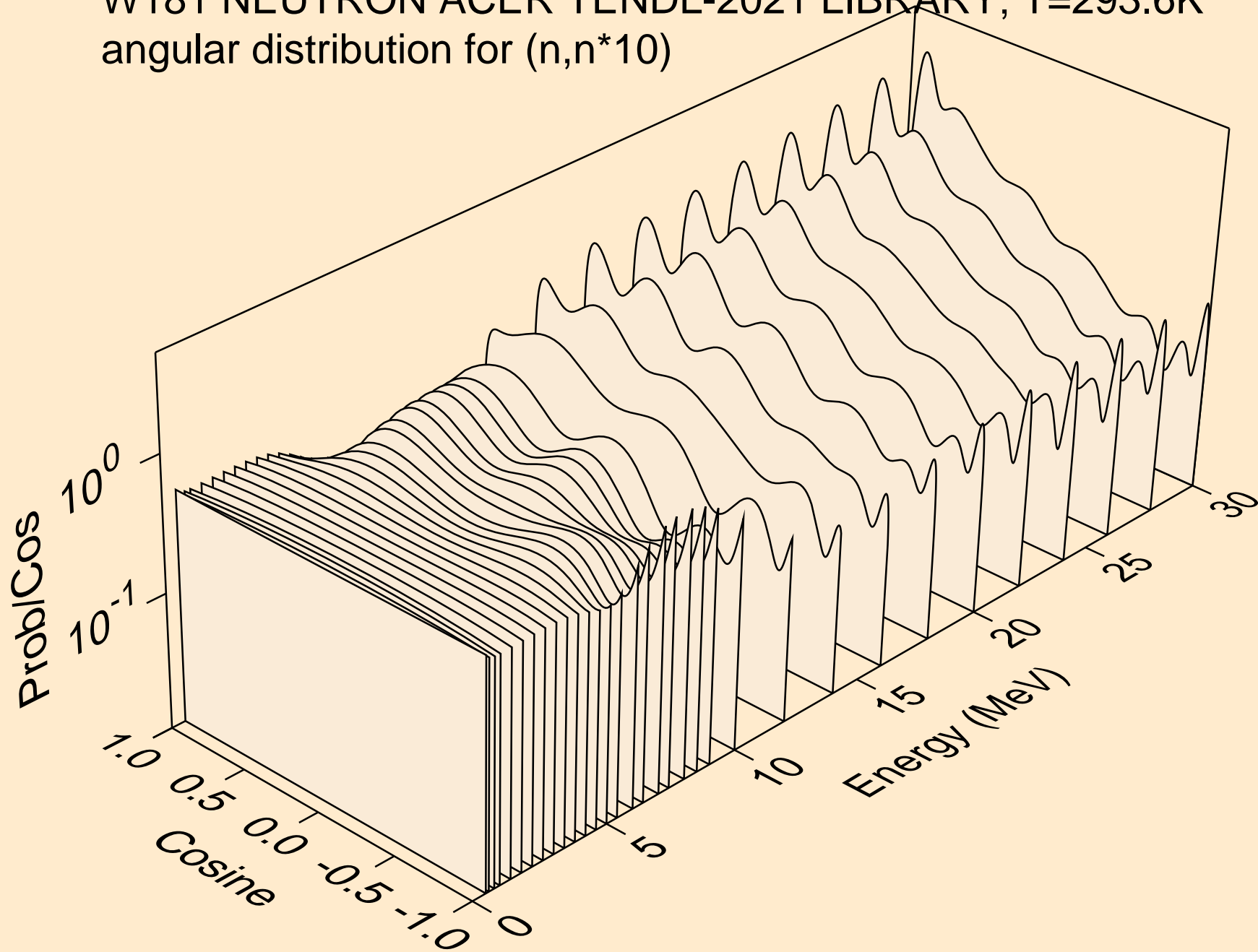
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



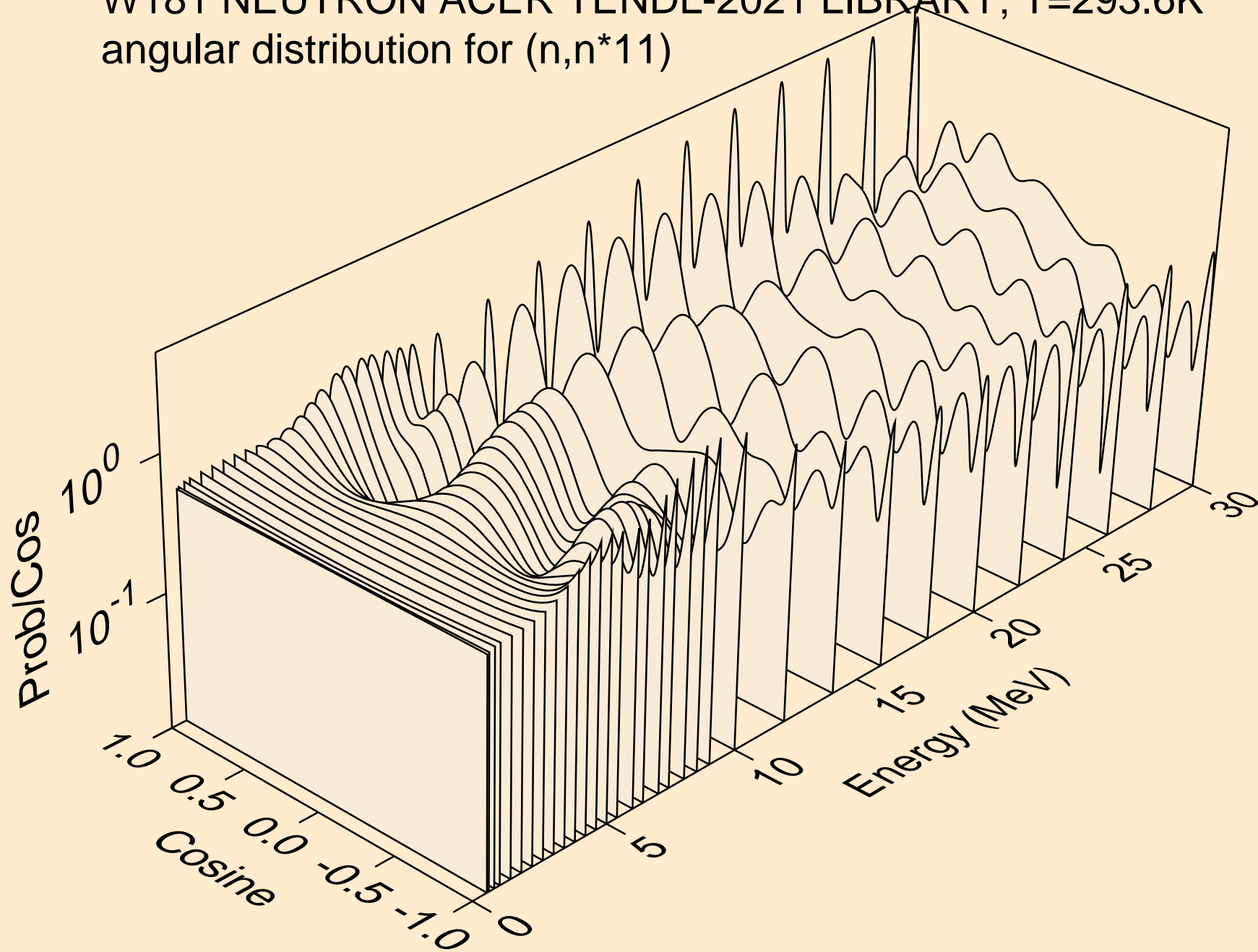
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

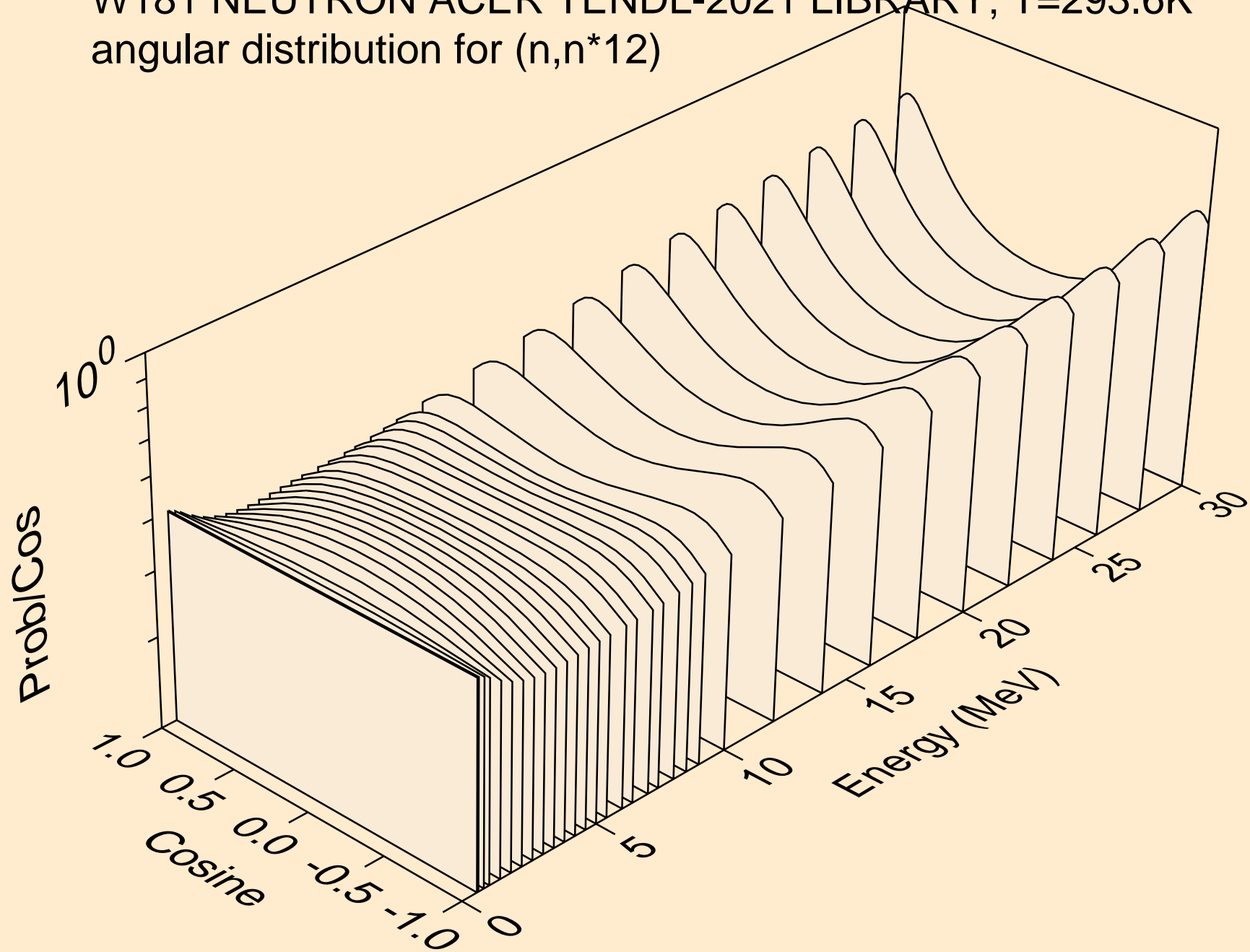


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)

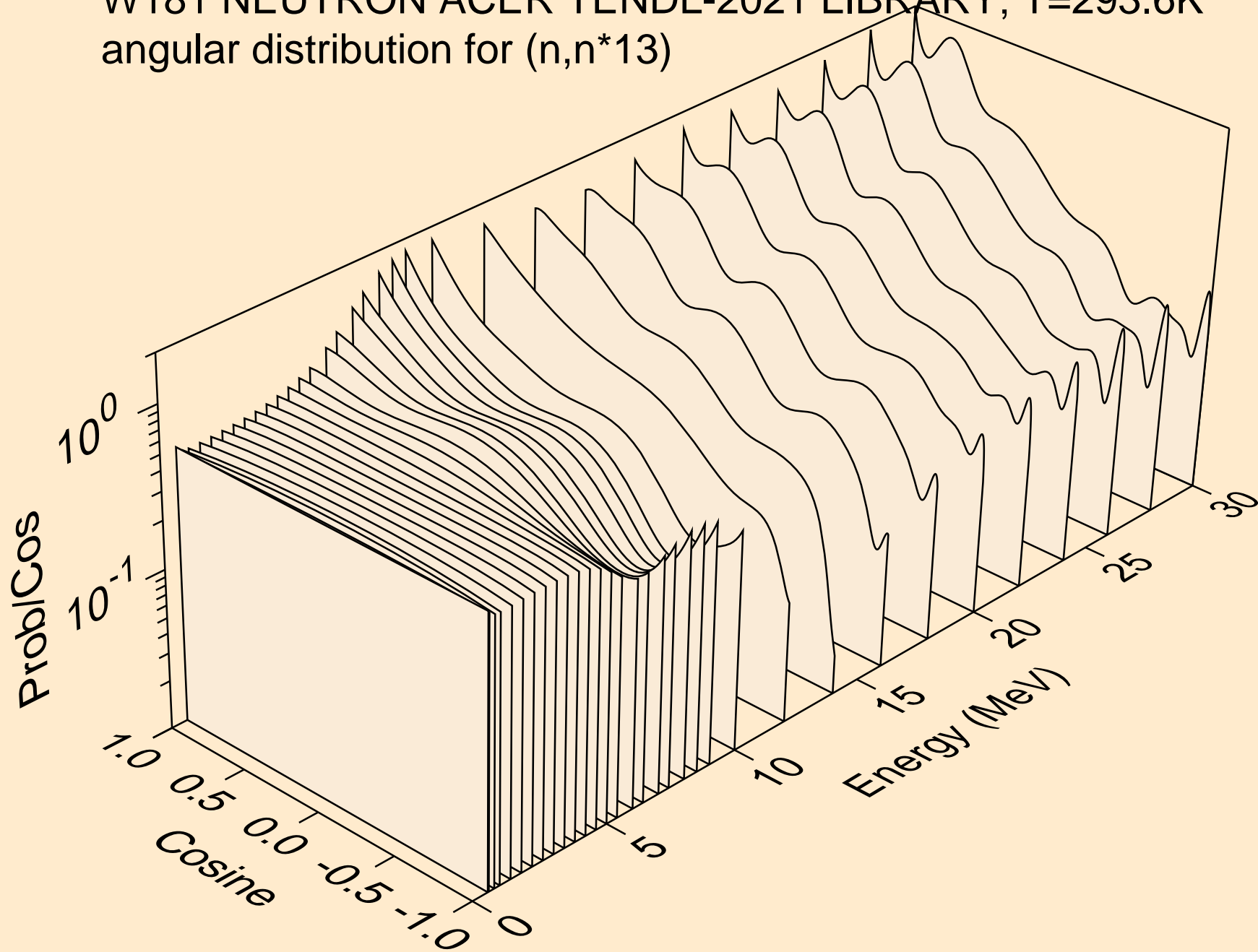




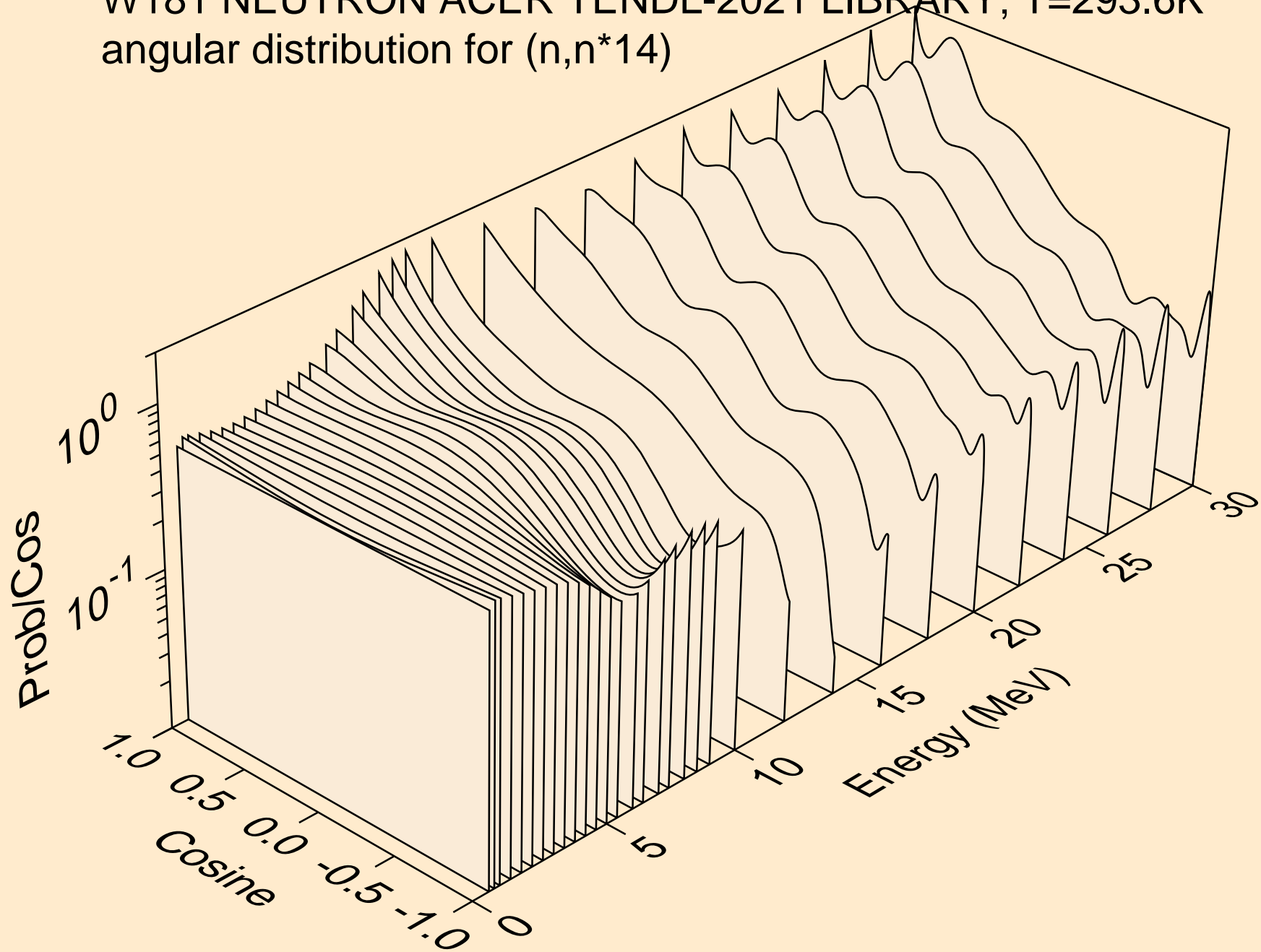
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



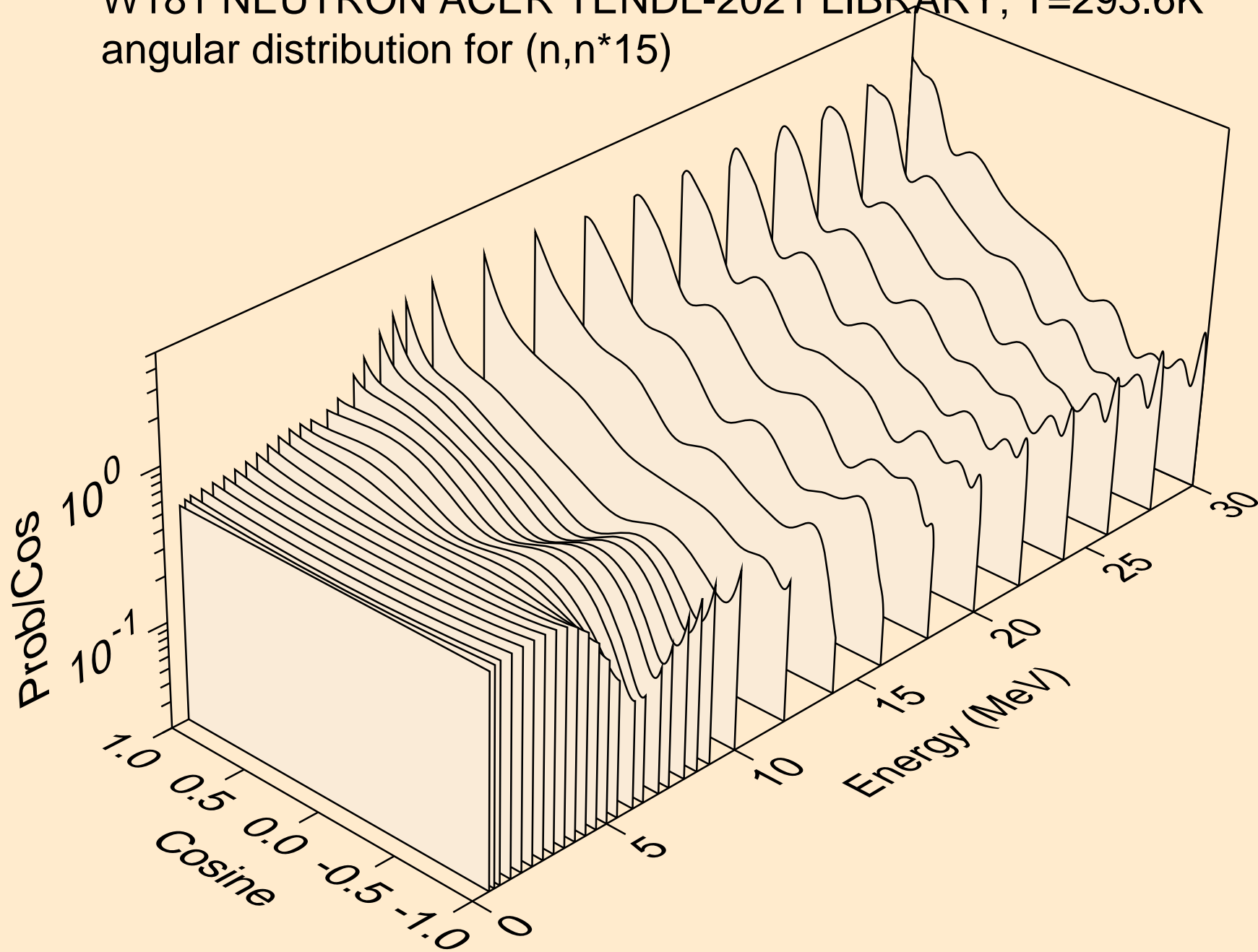
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



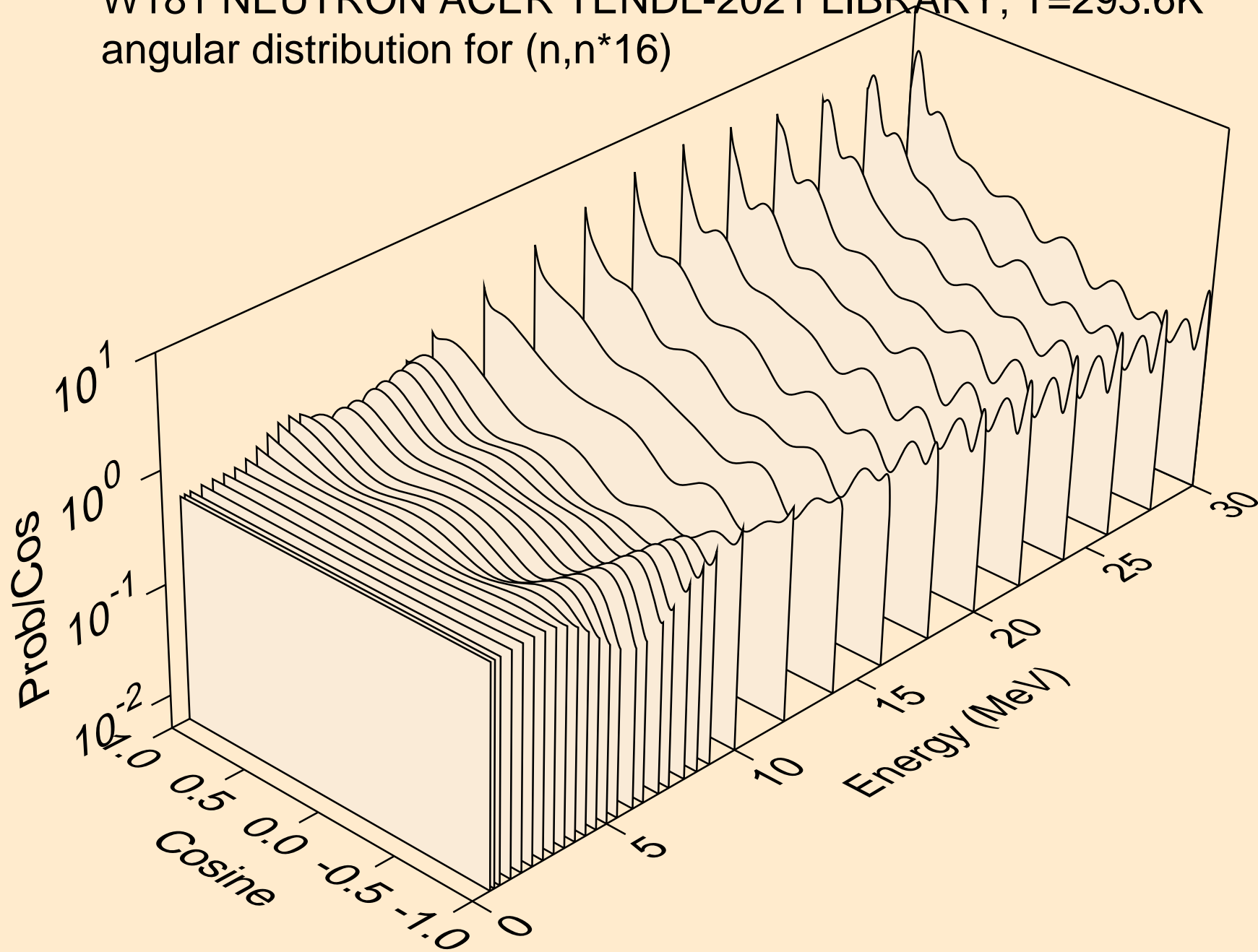
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



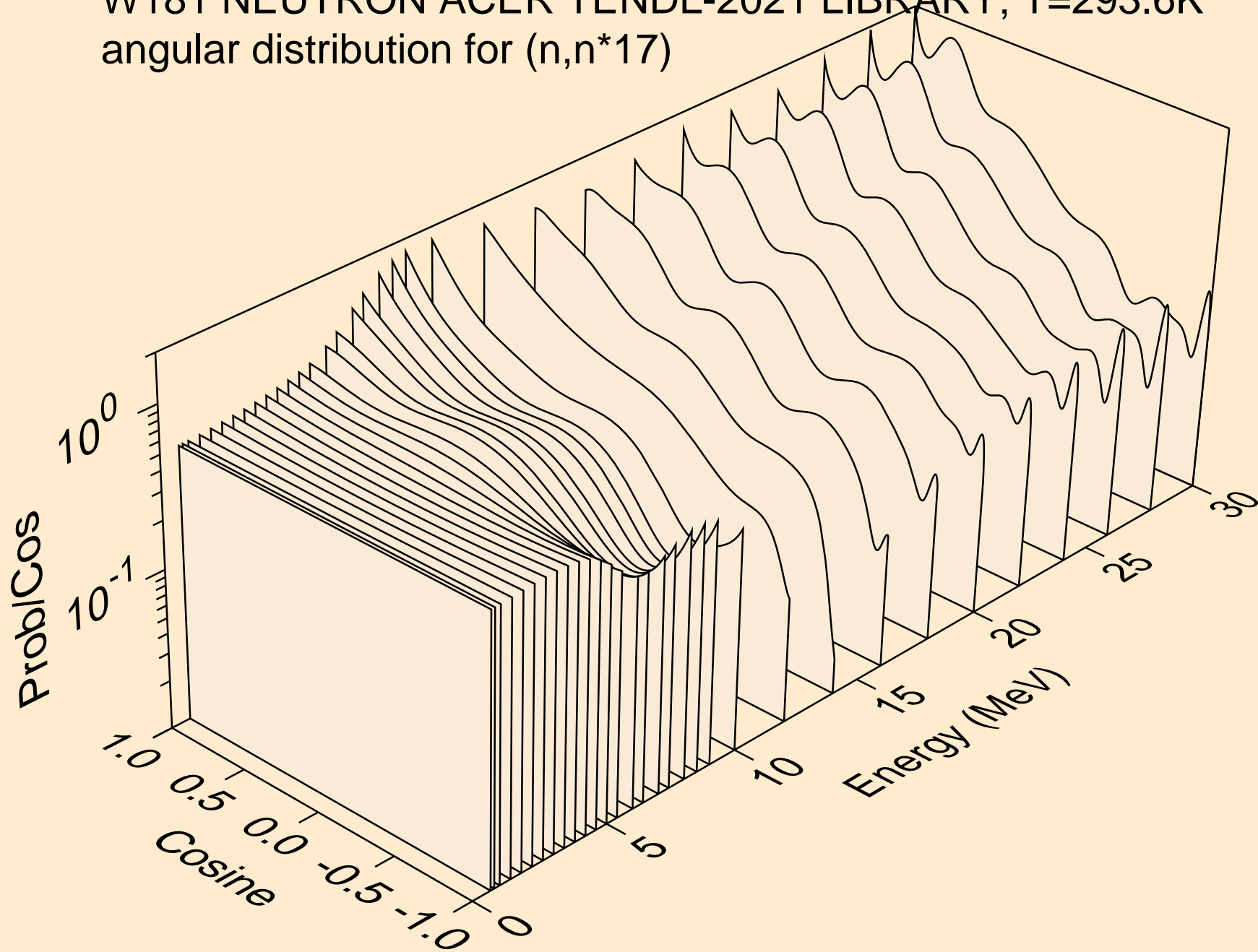
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



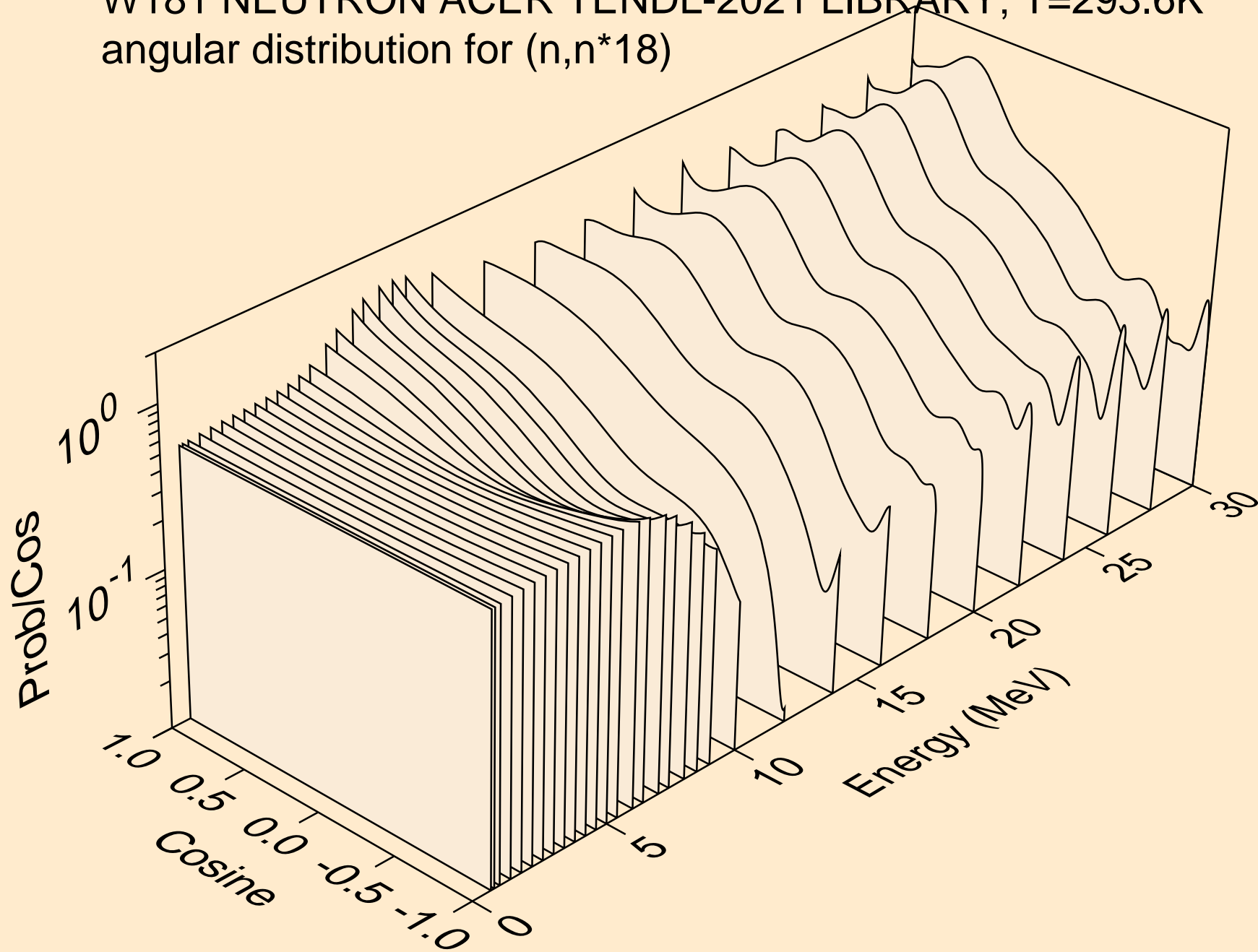
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



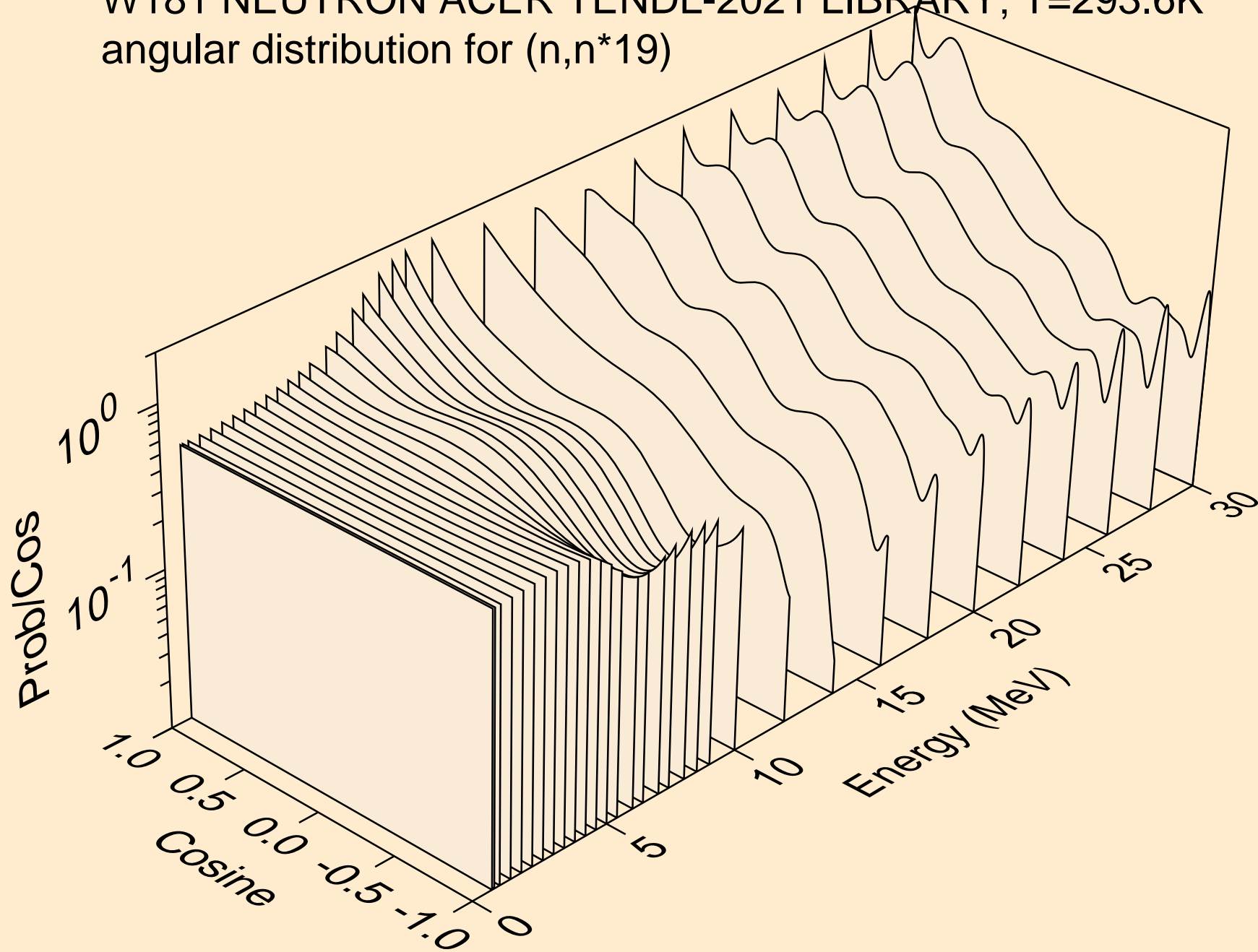
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

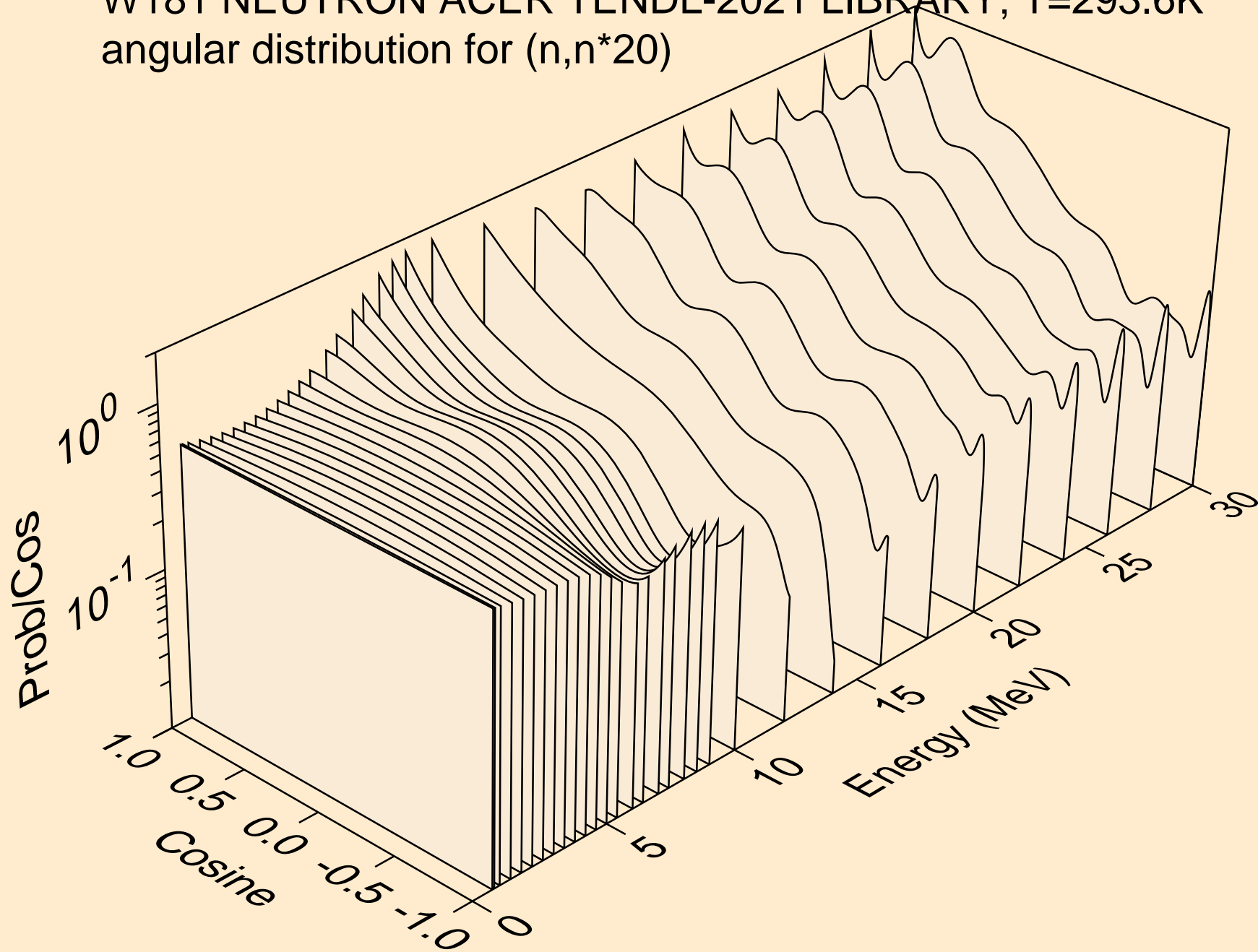


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)

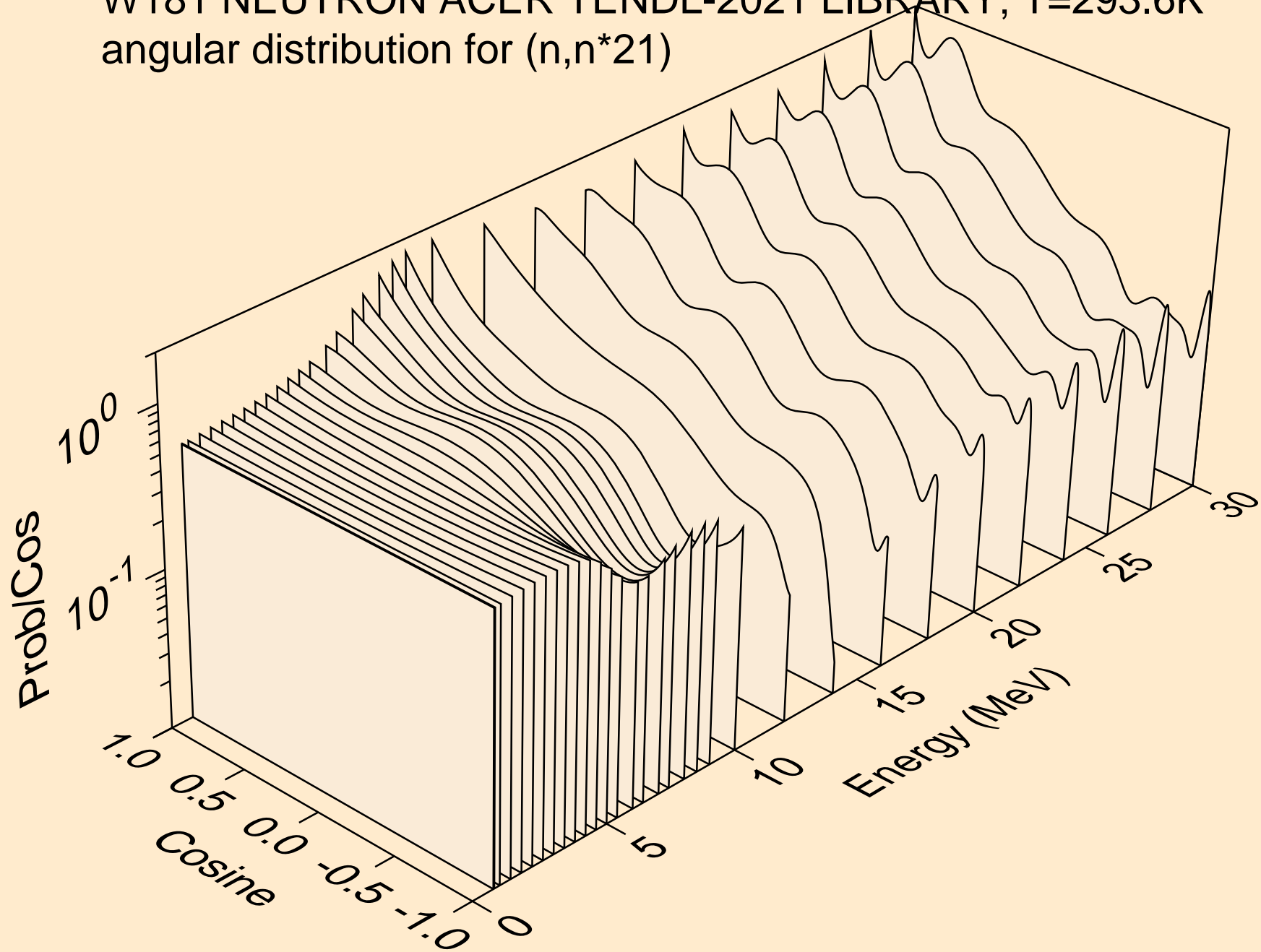




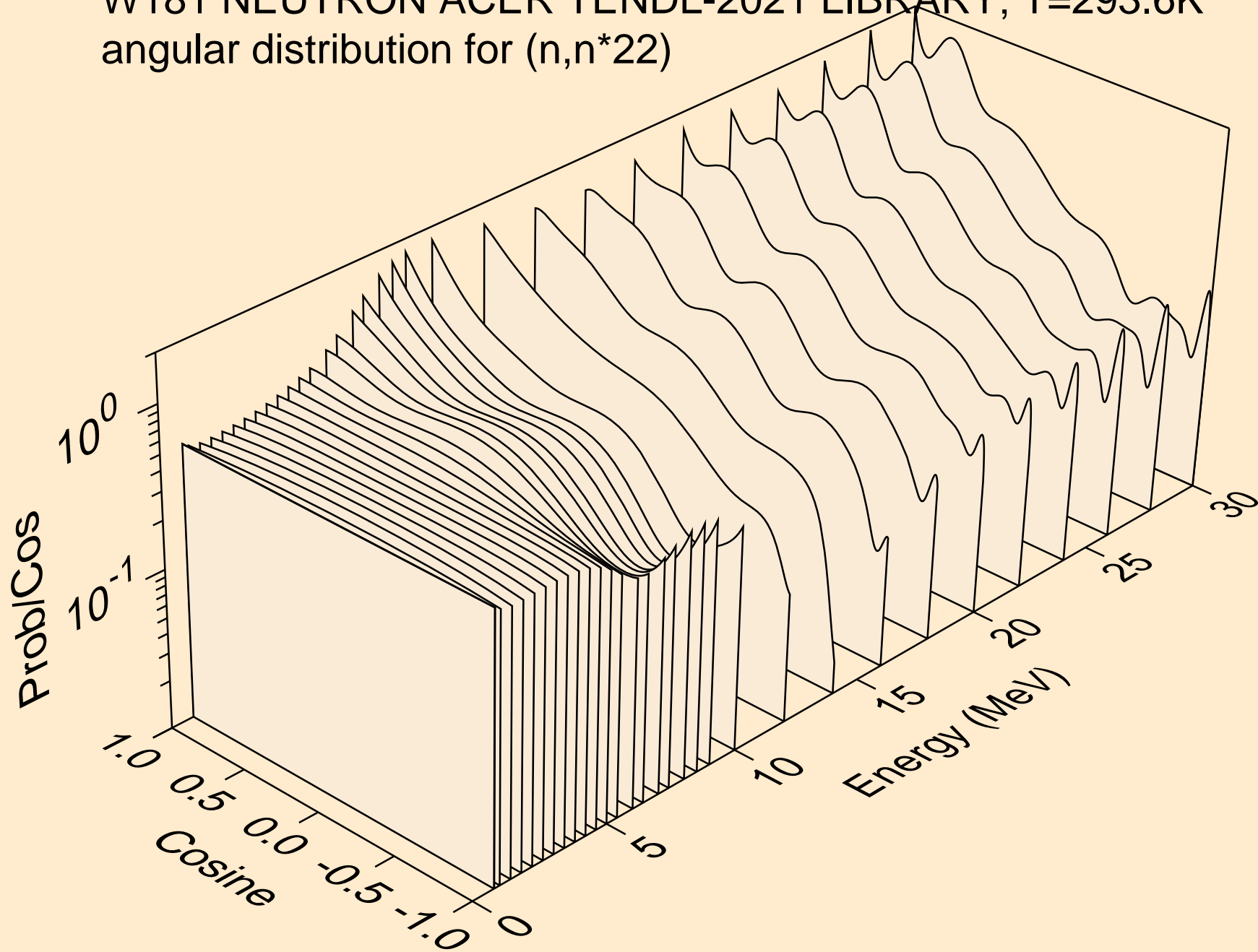
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



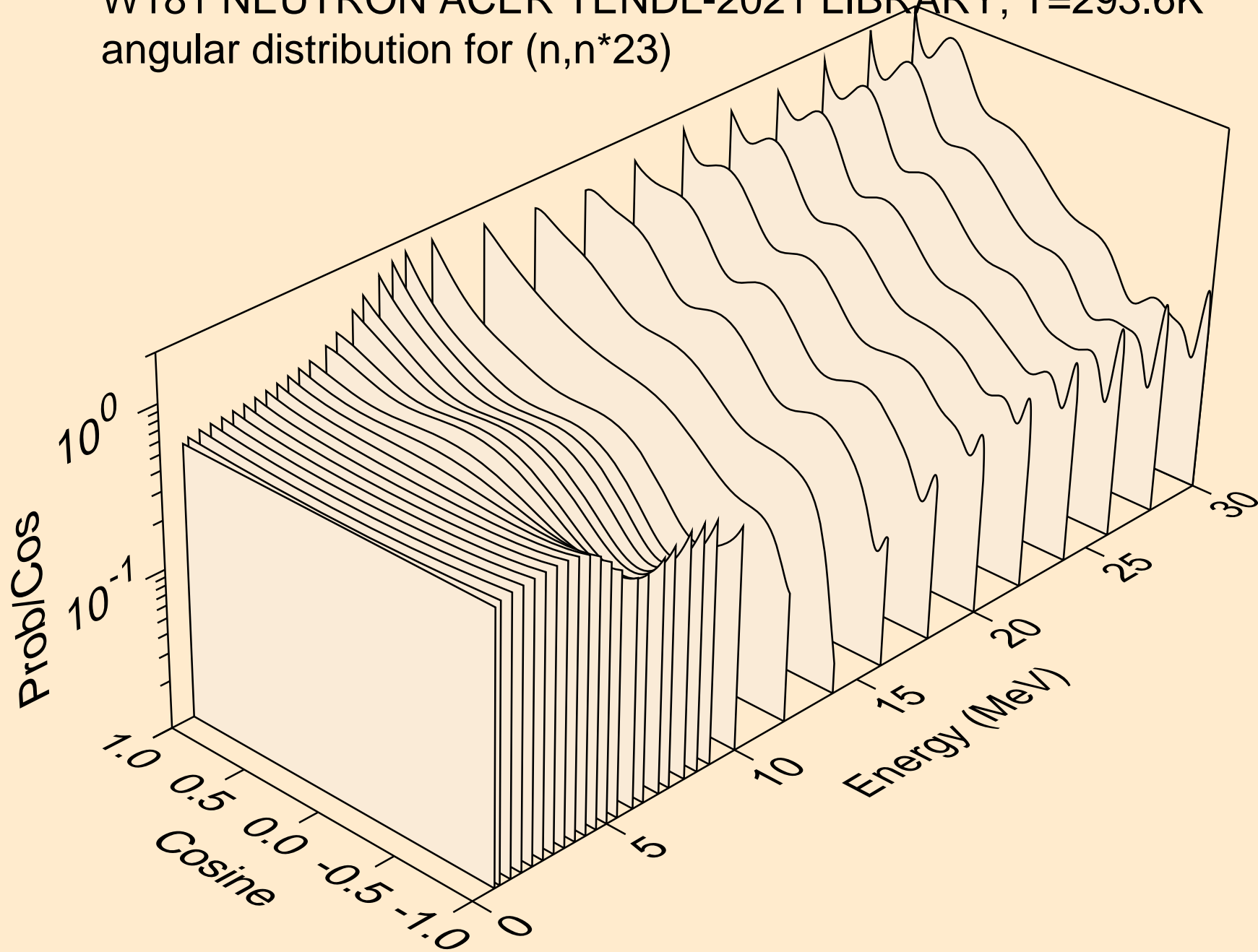
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



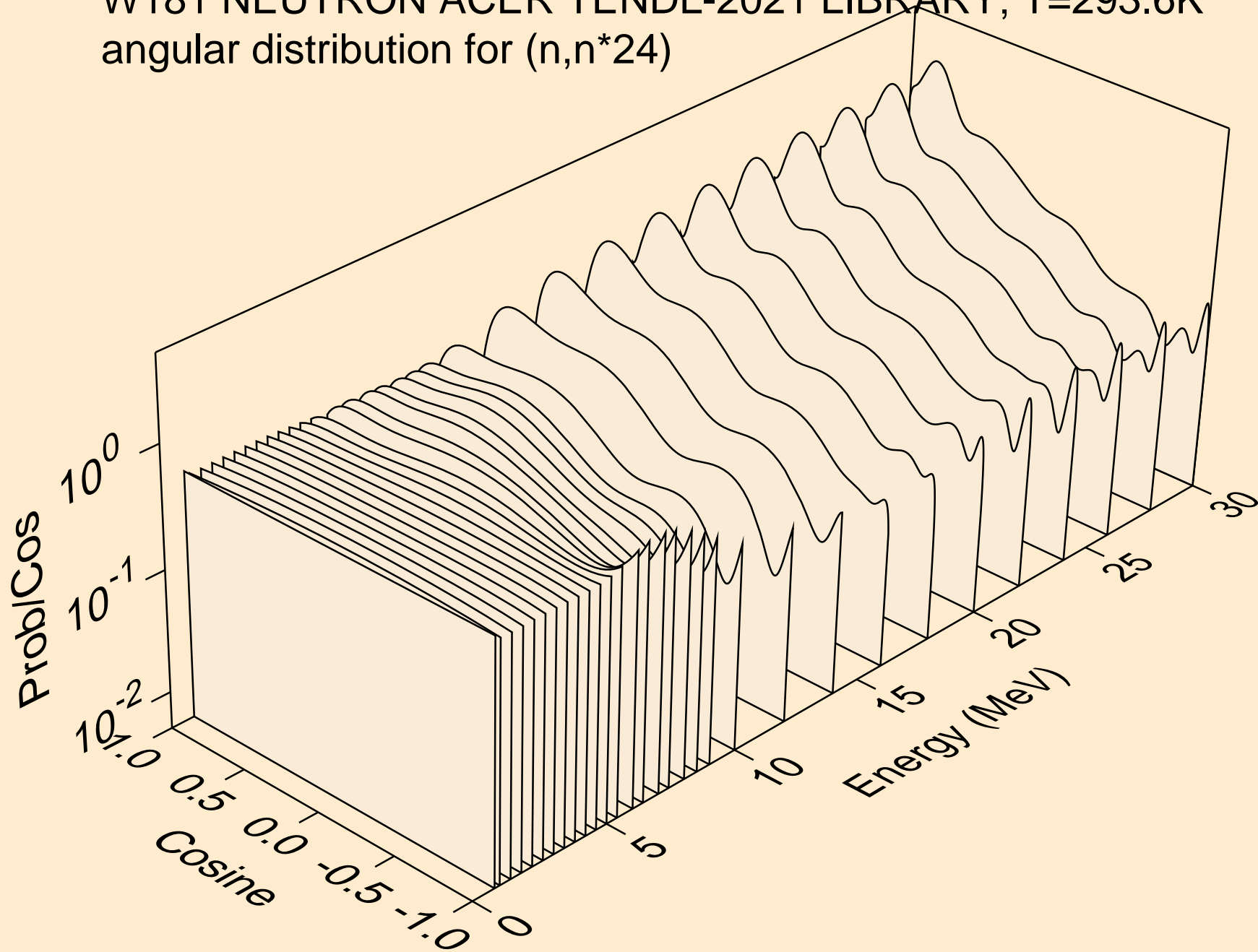
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



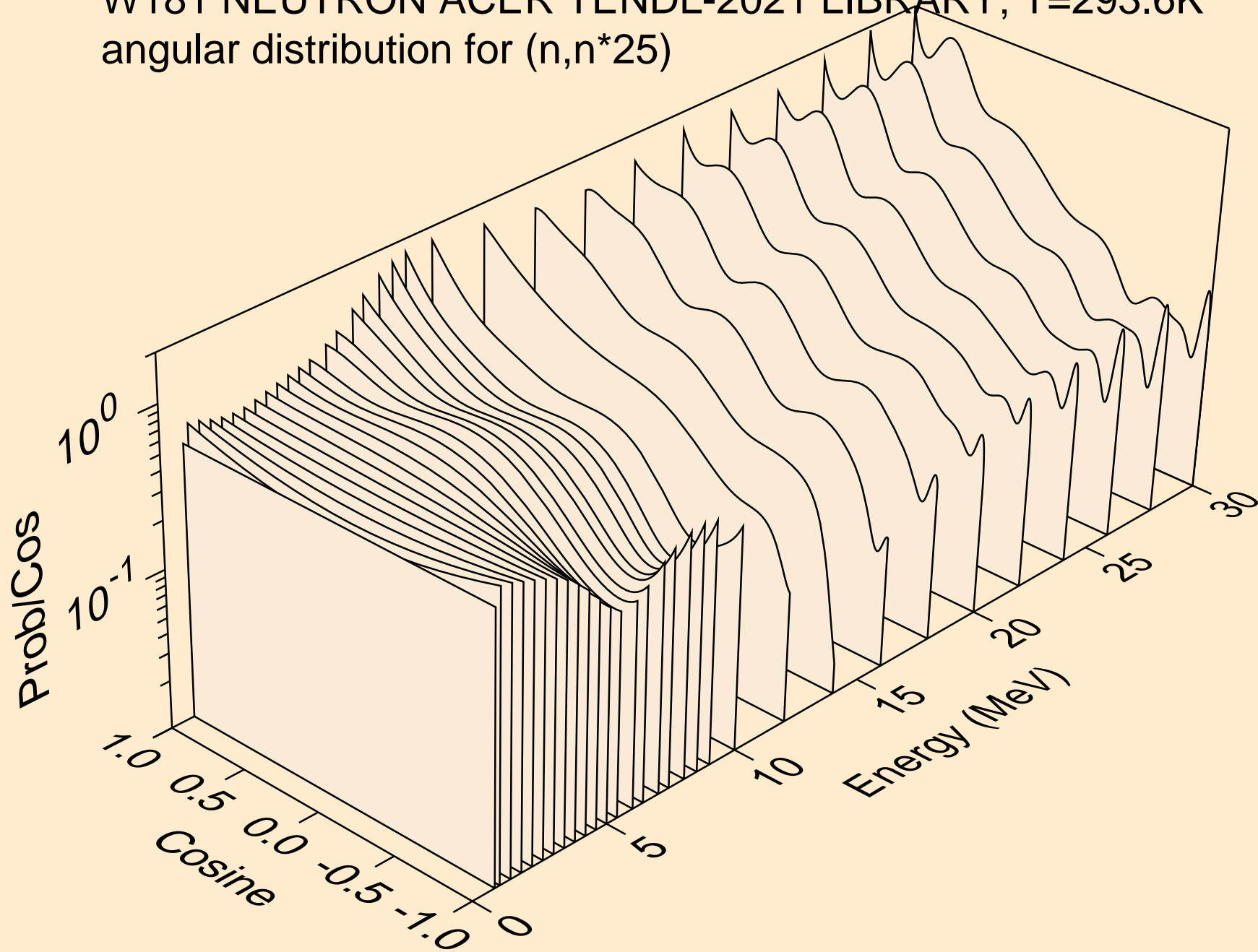
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angular distribution for (n,n\*23)



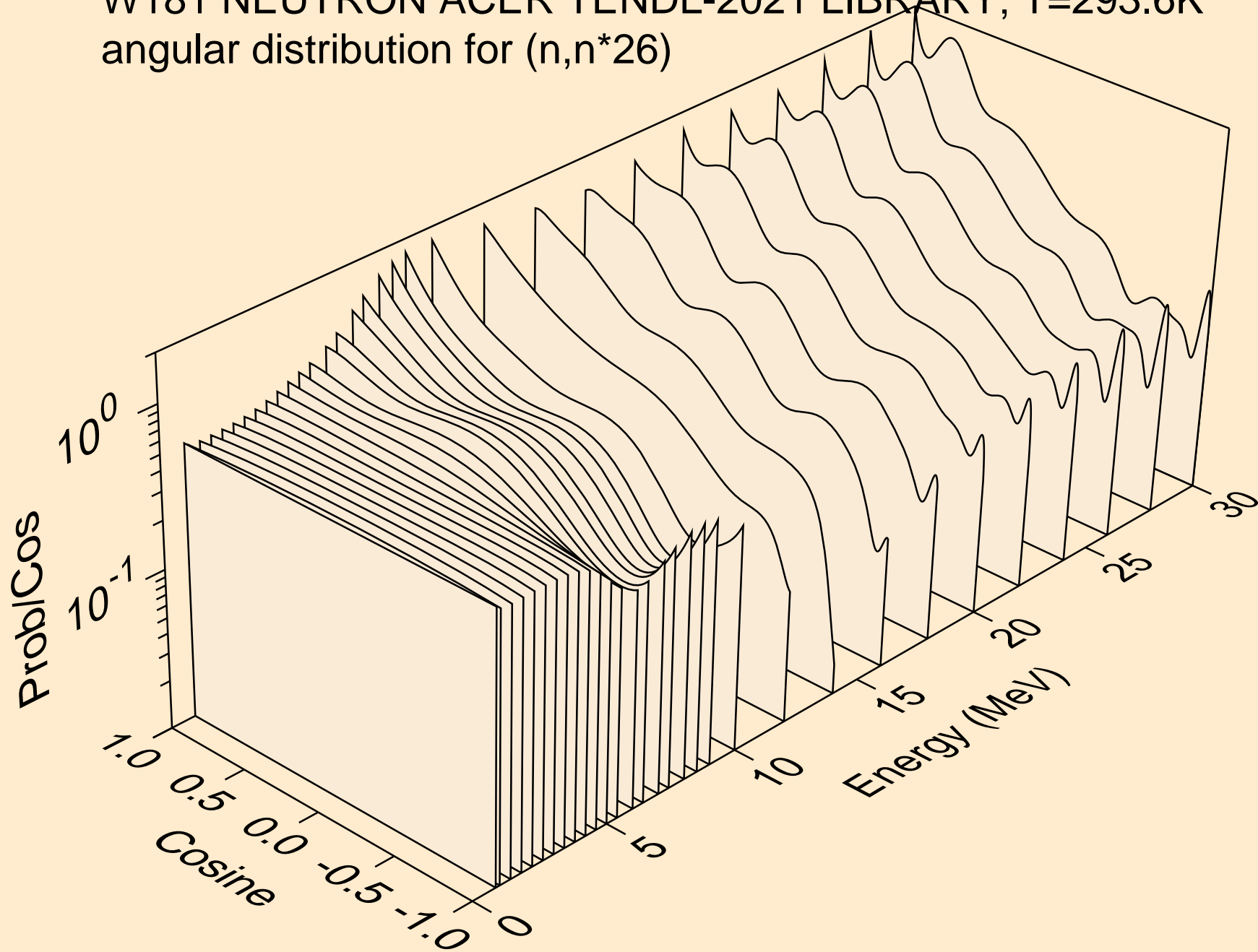
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

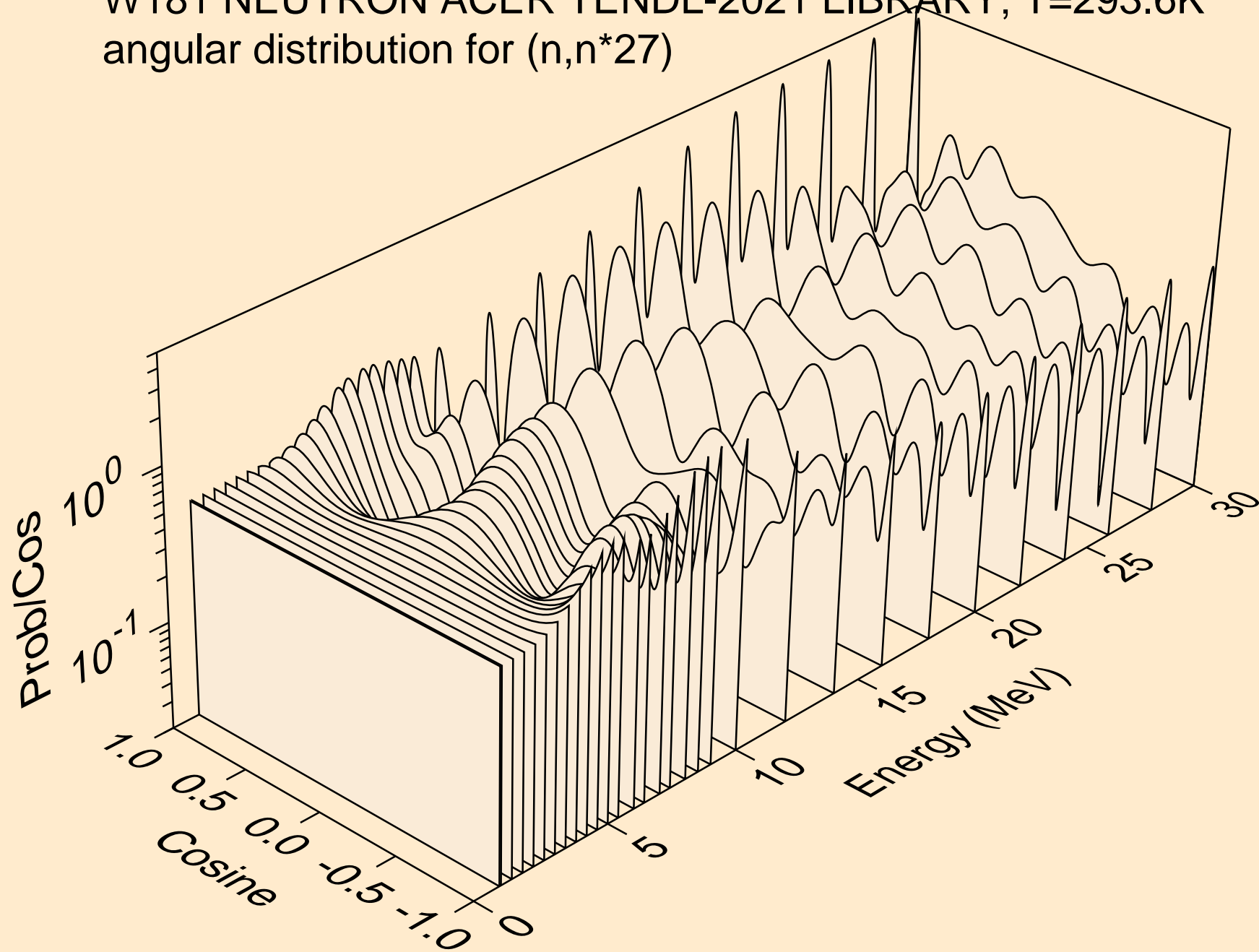


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



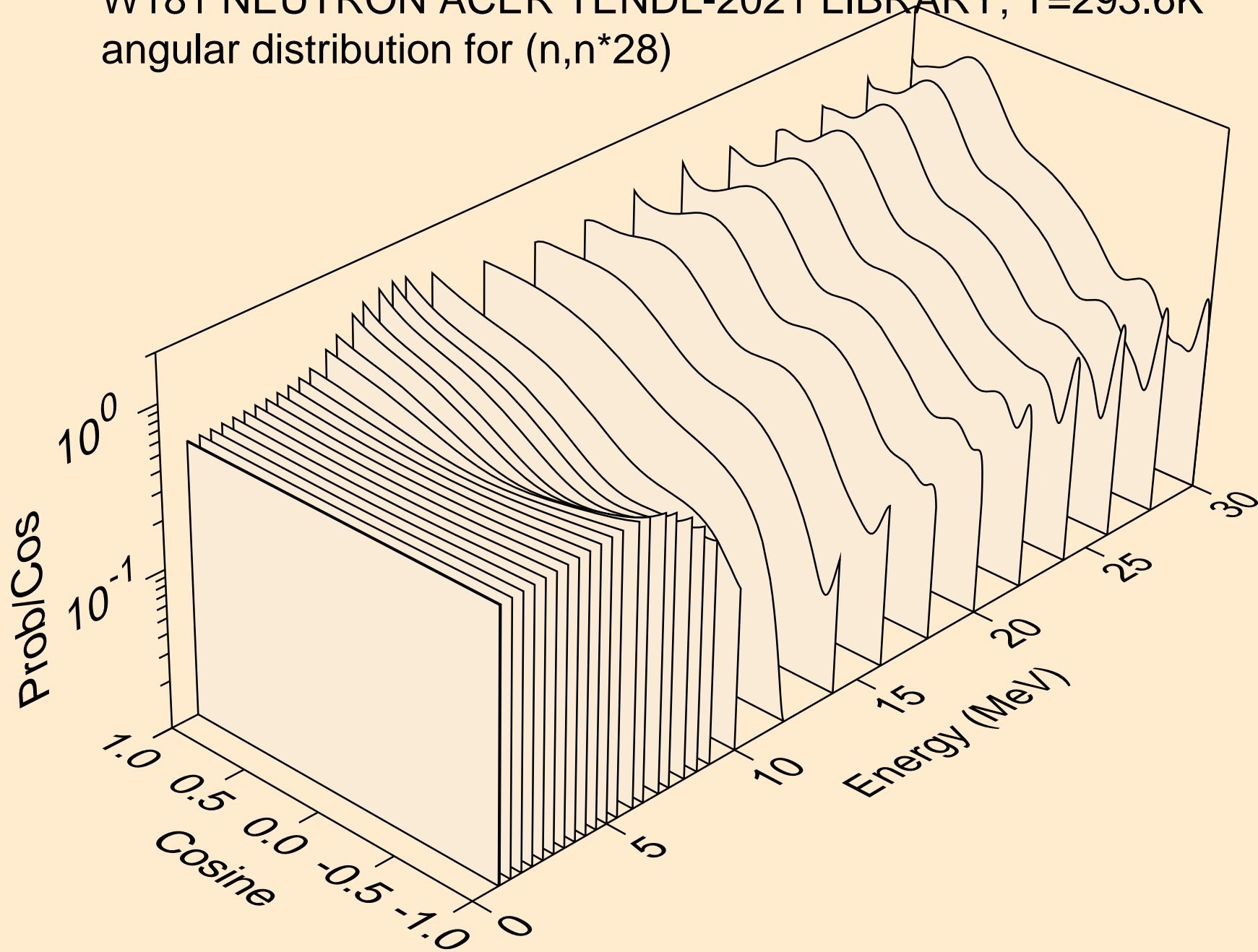


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)

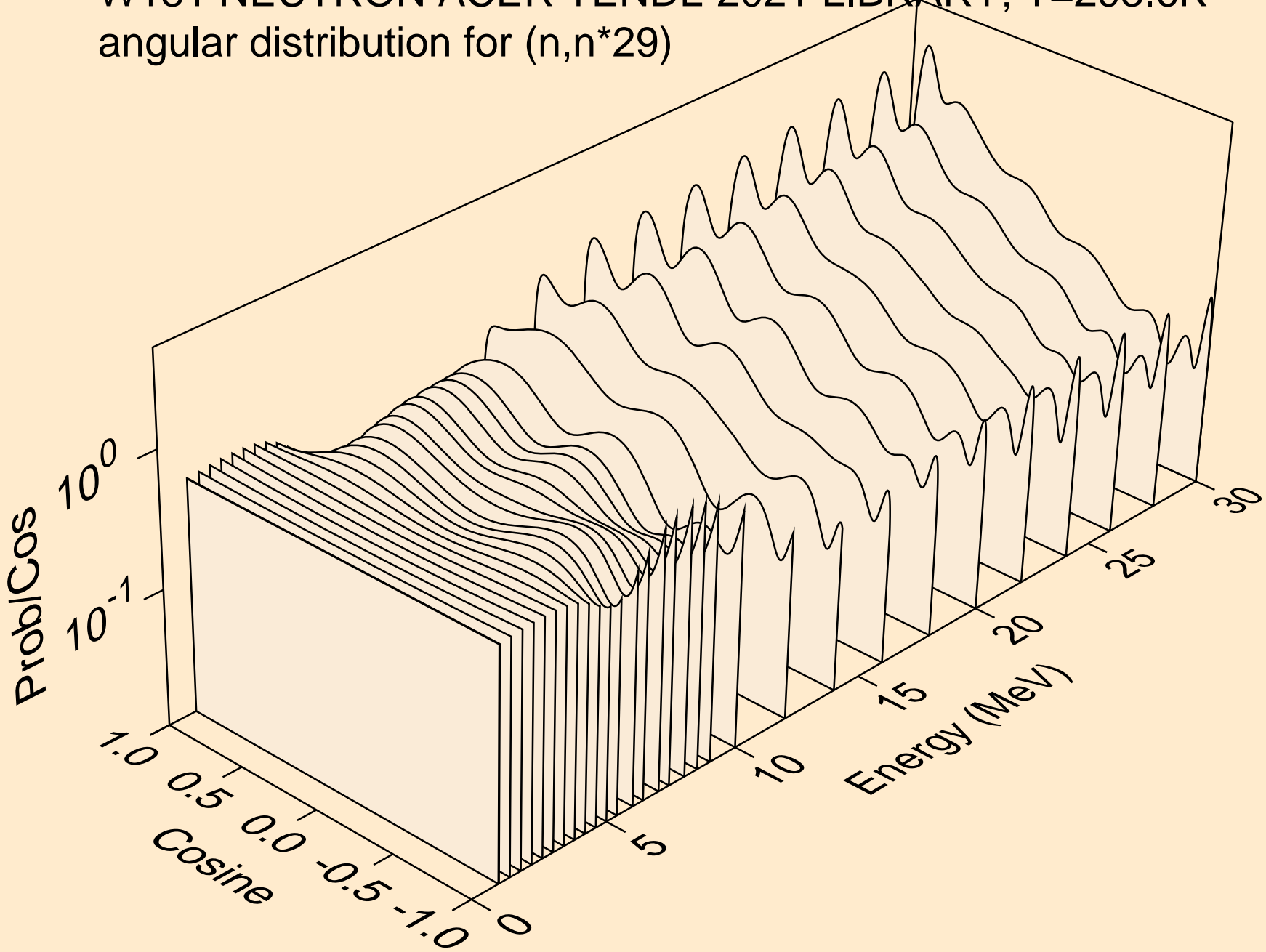




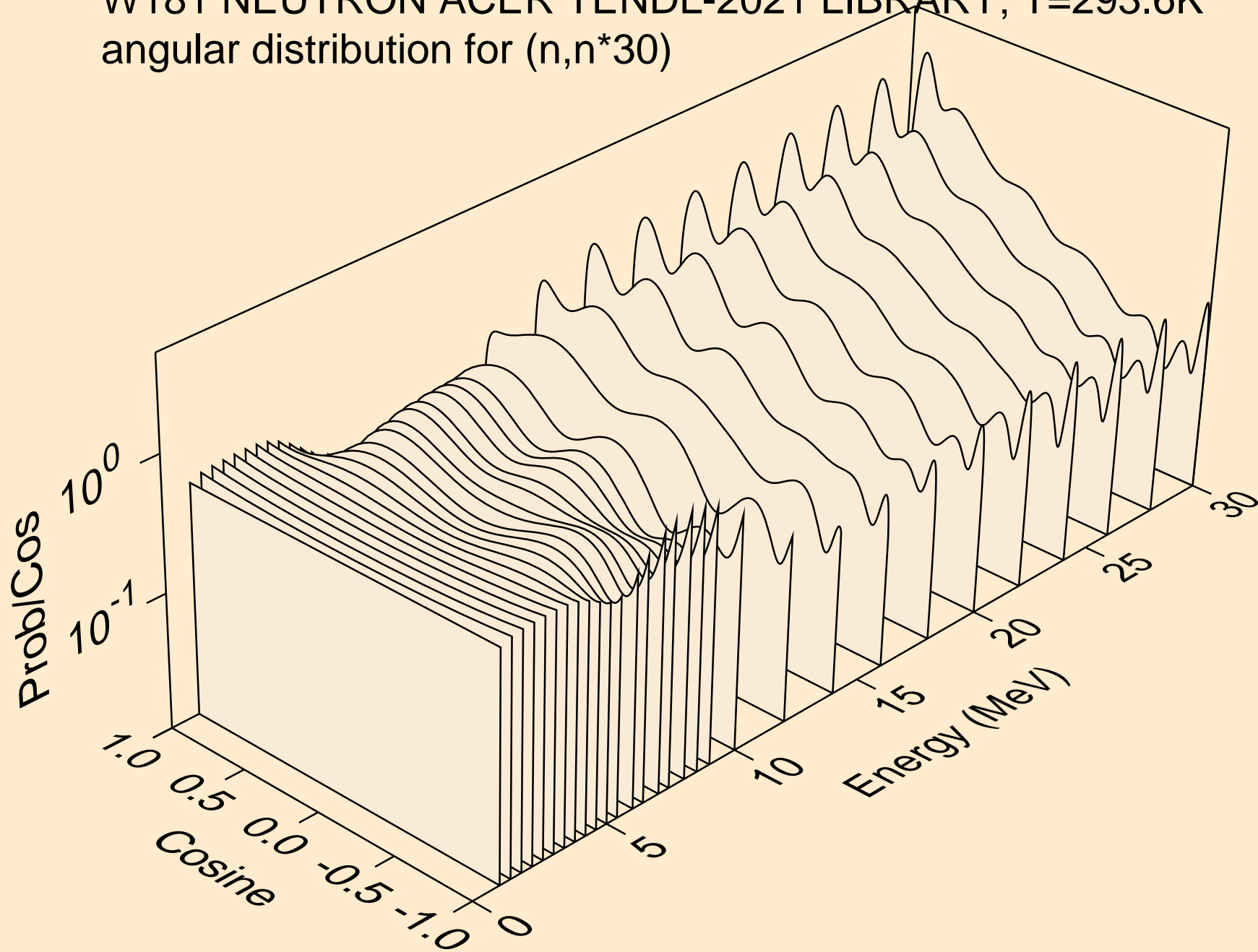
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



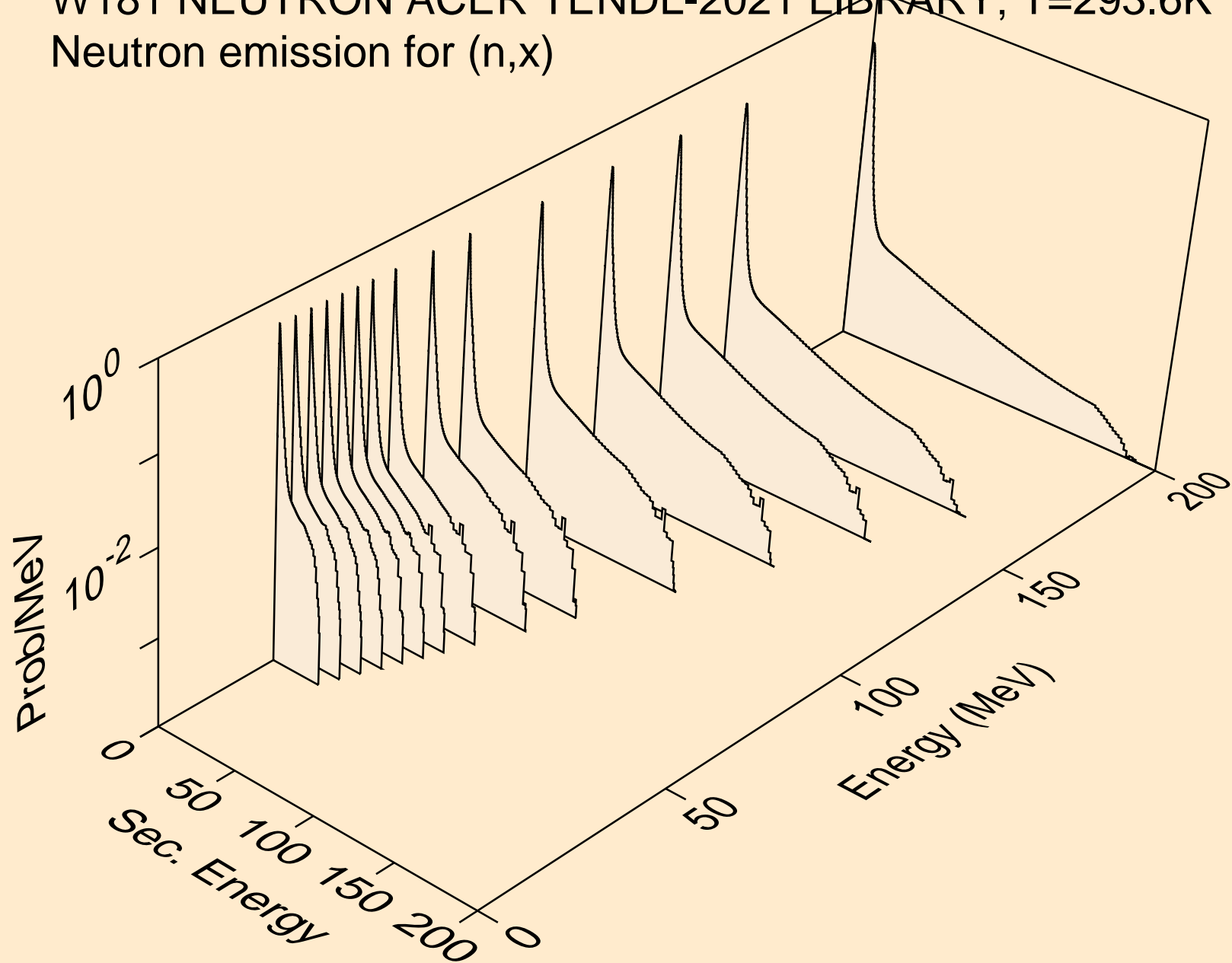
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



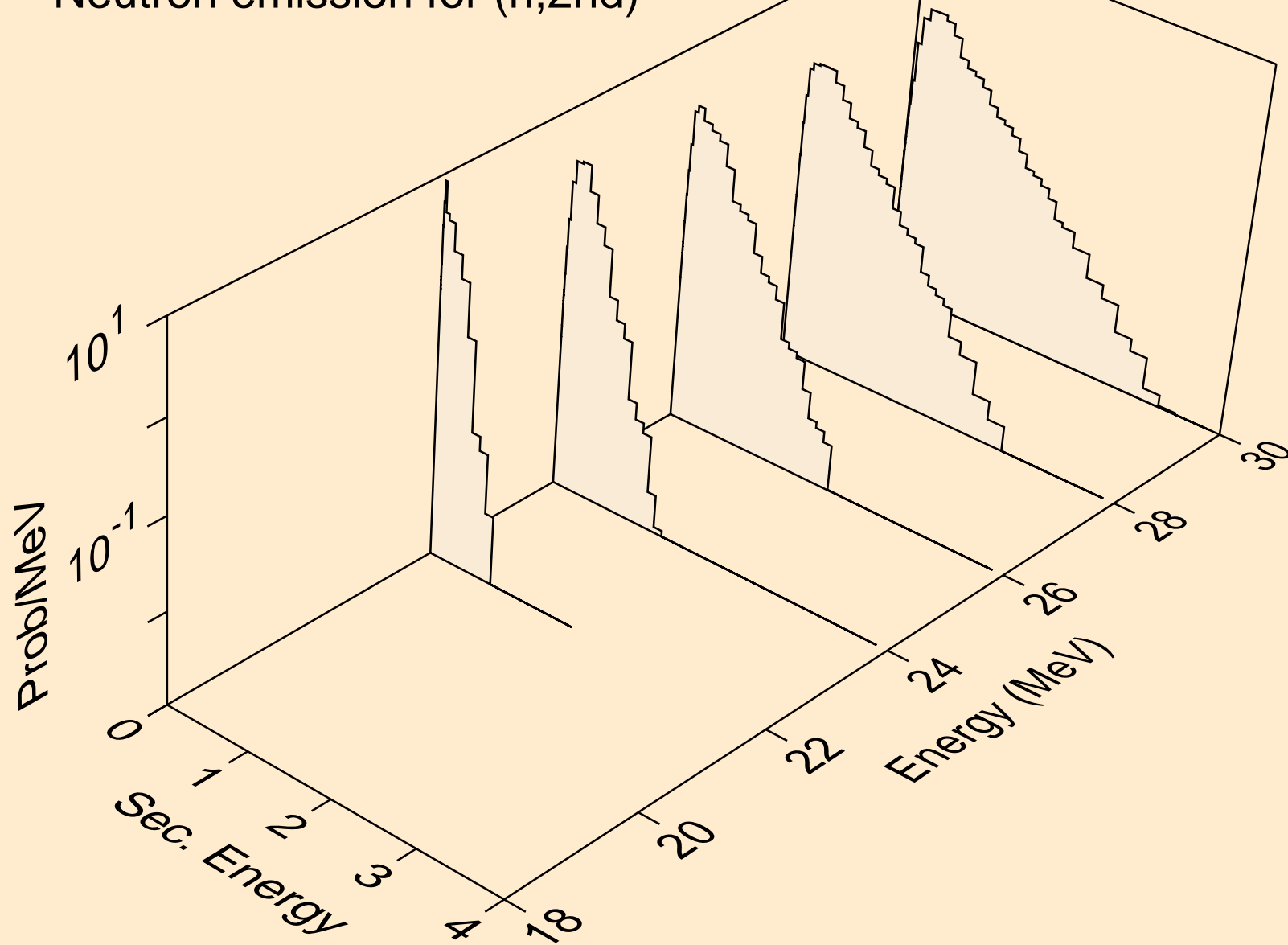
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



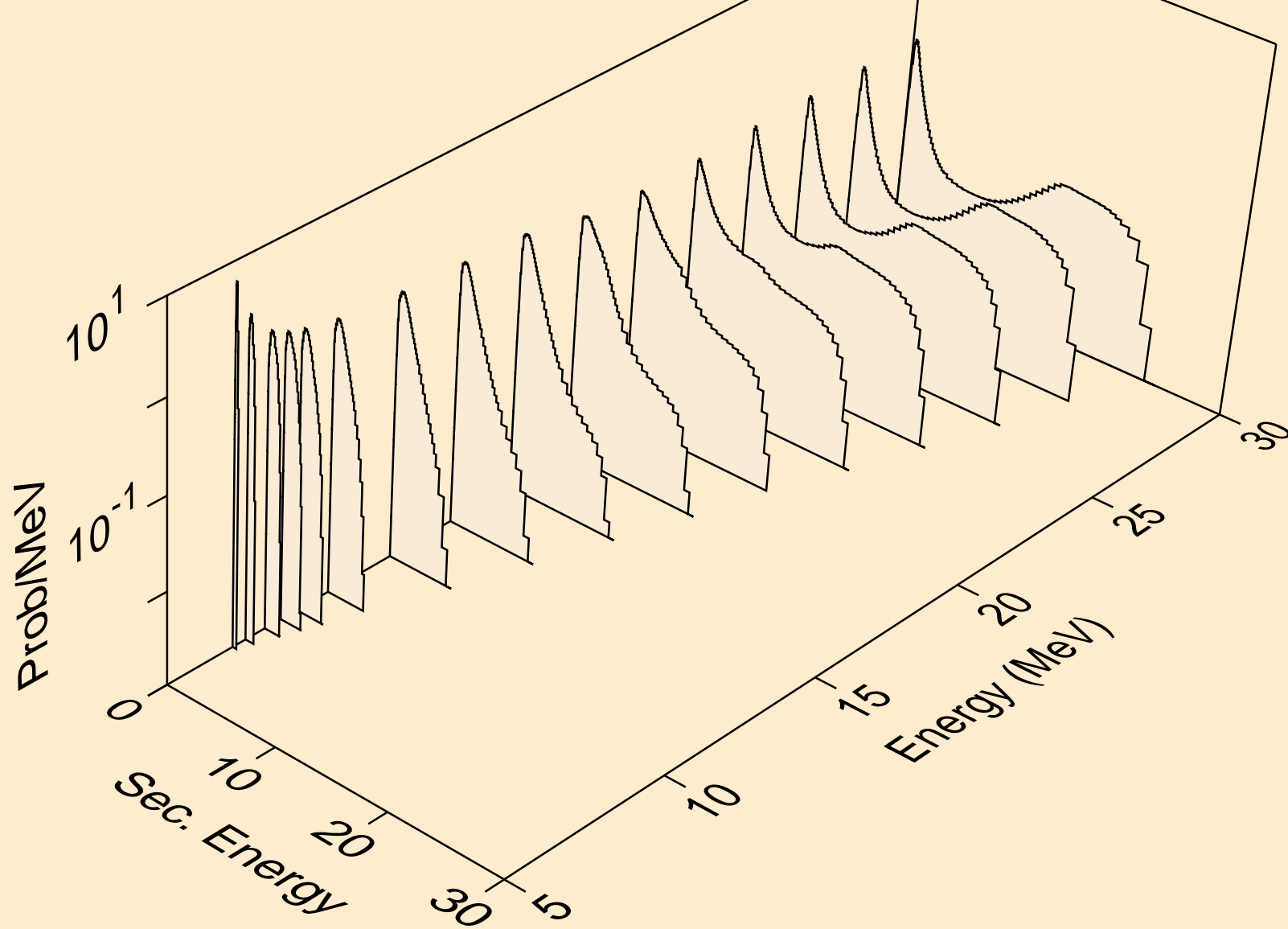
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



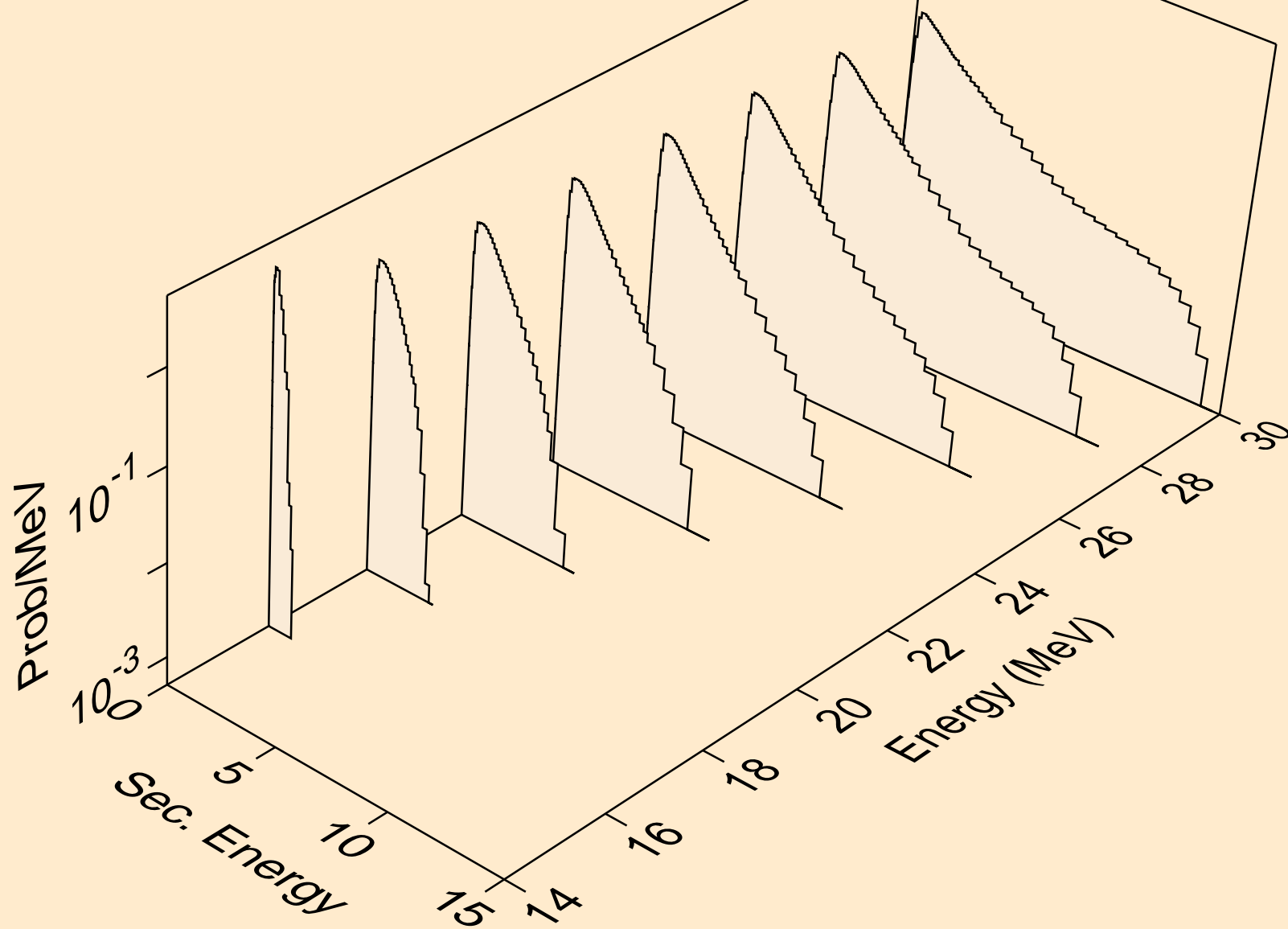
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



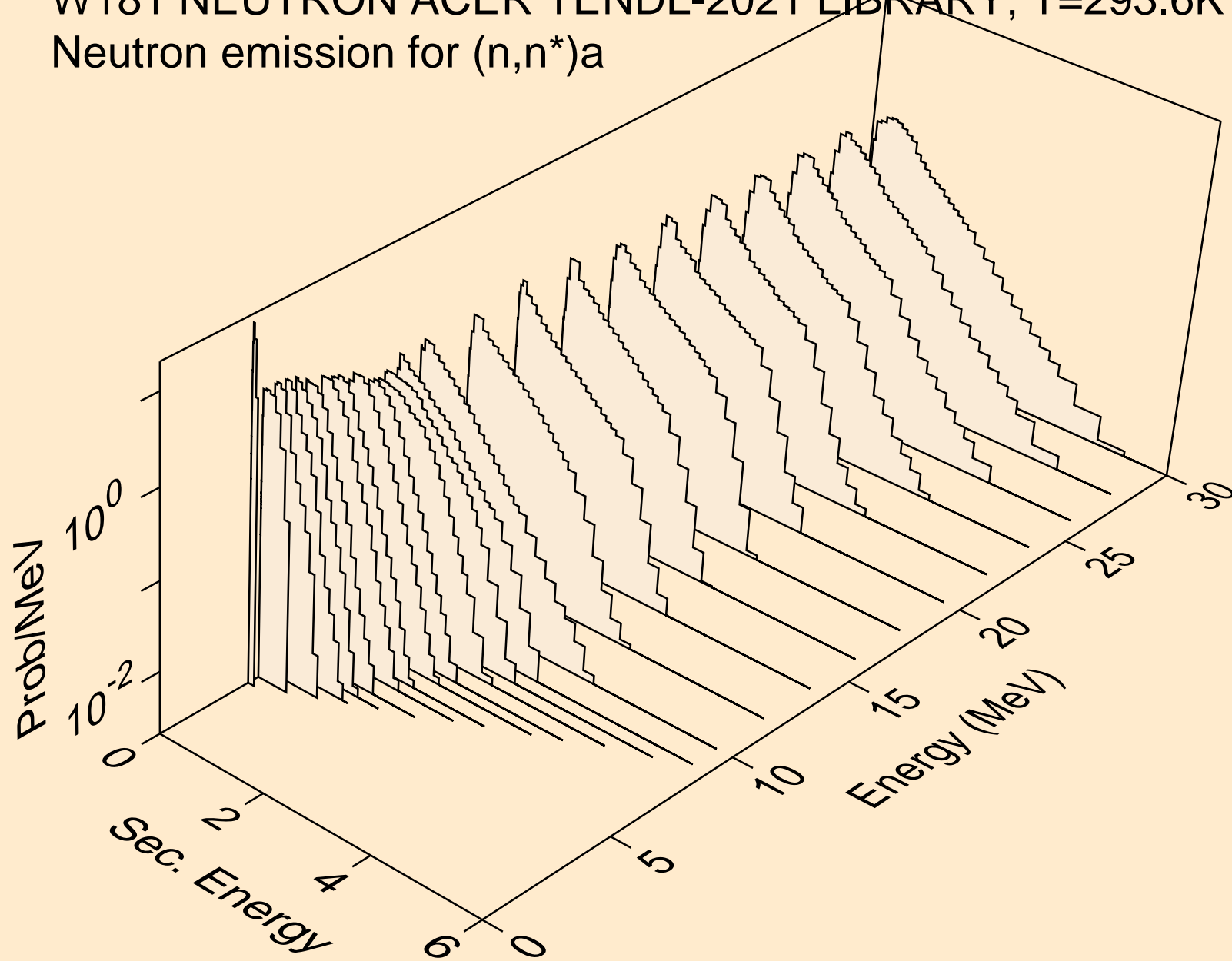
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

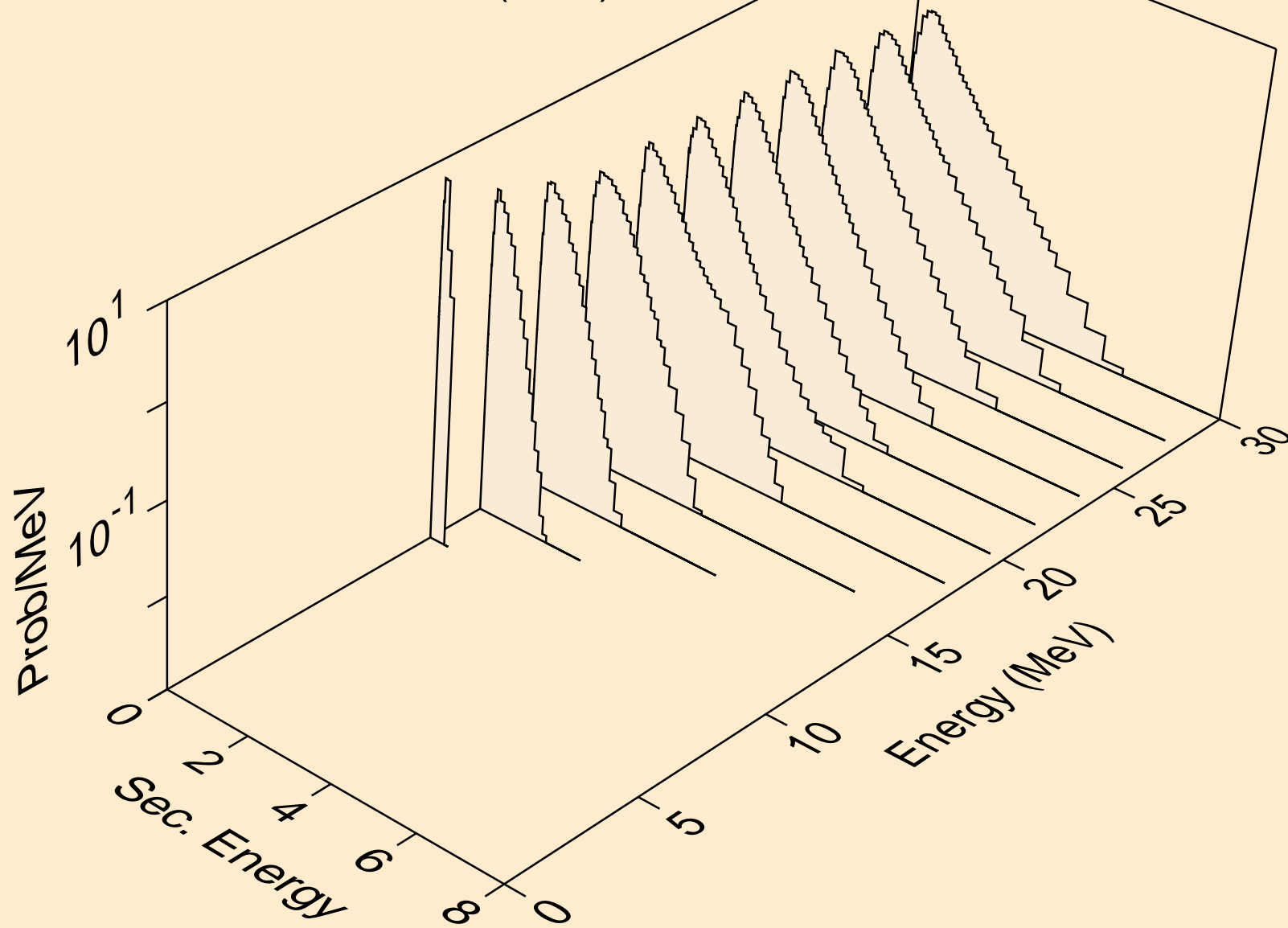


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a

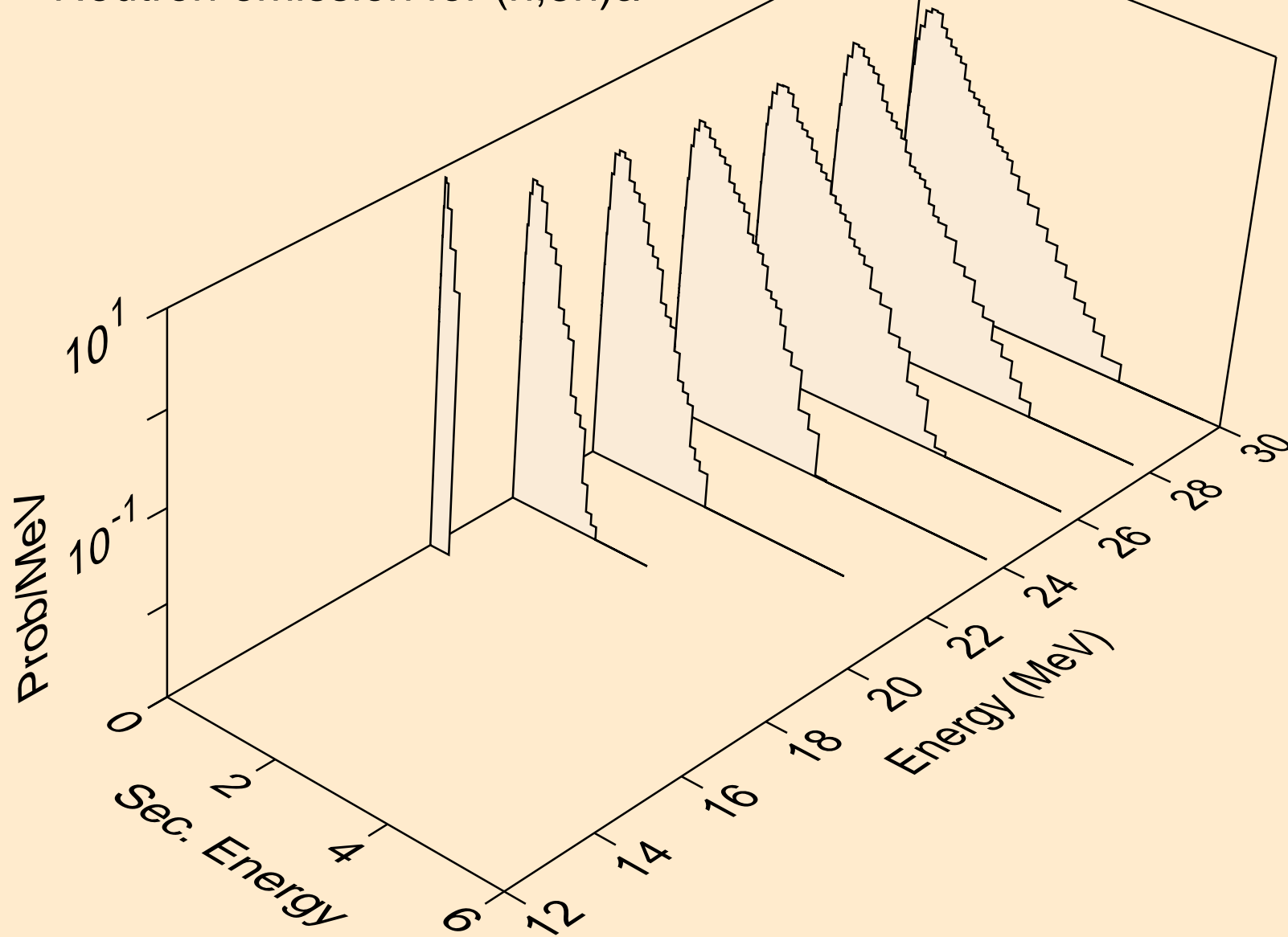




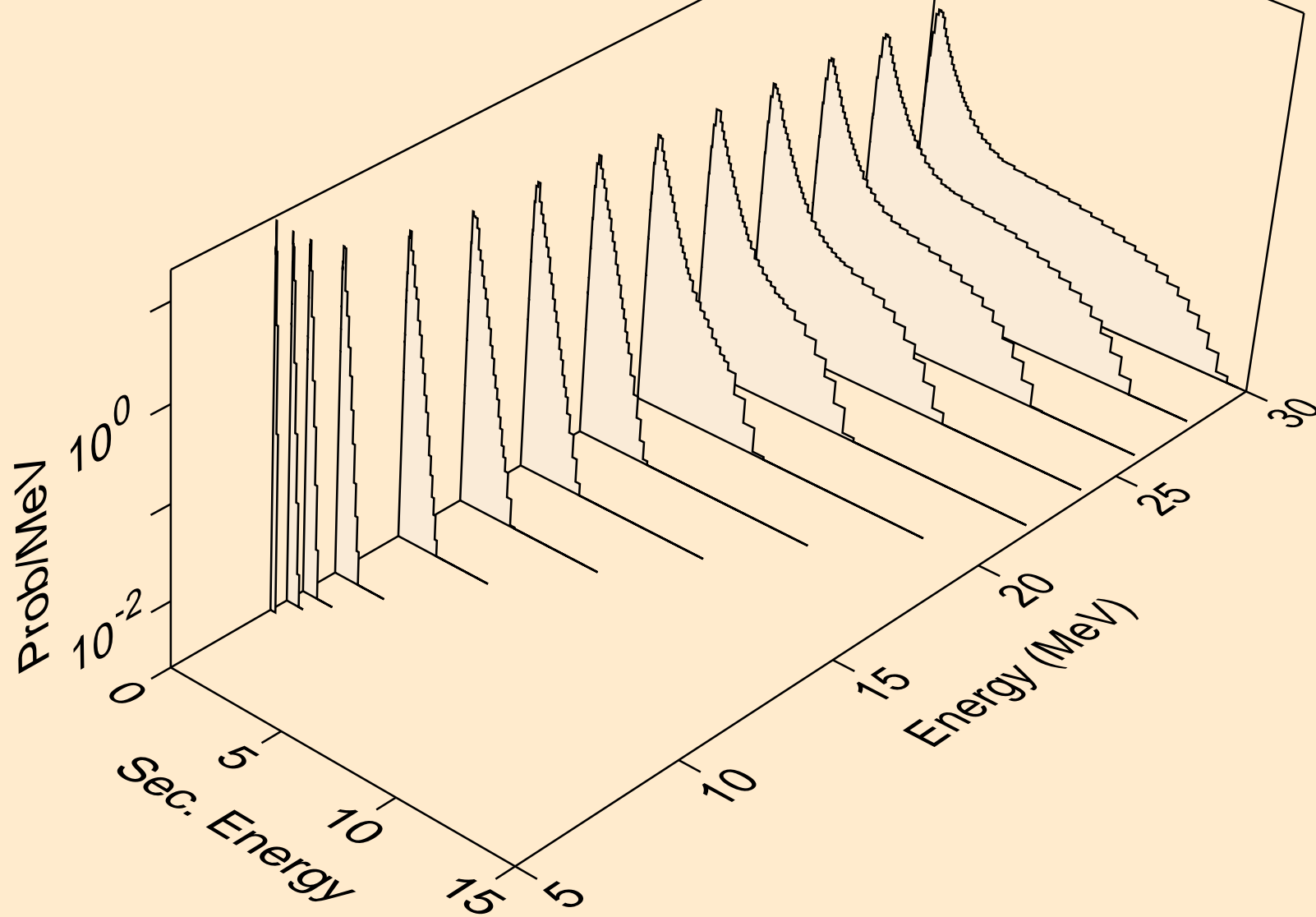
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



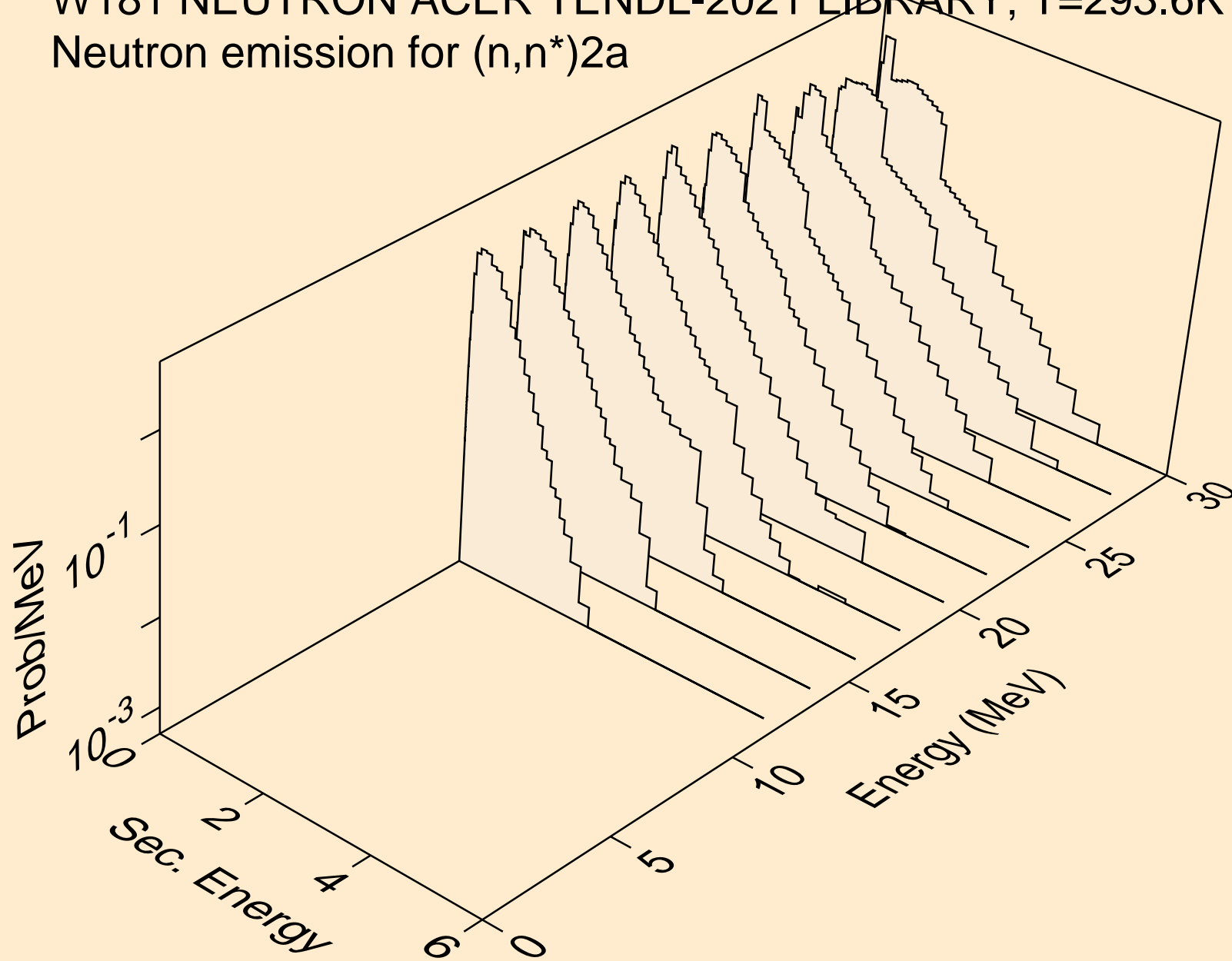
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



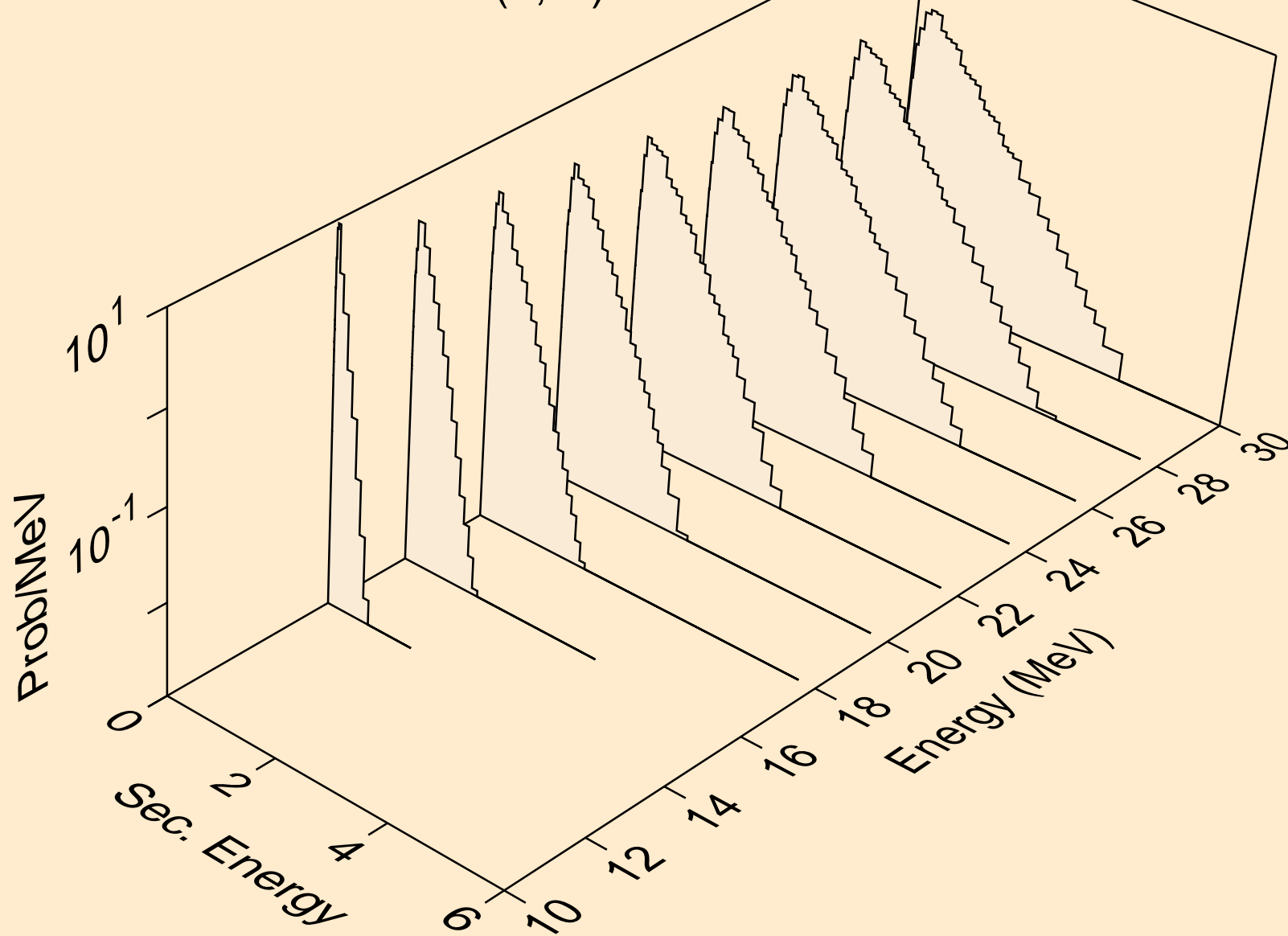
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



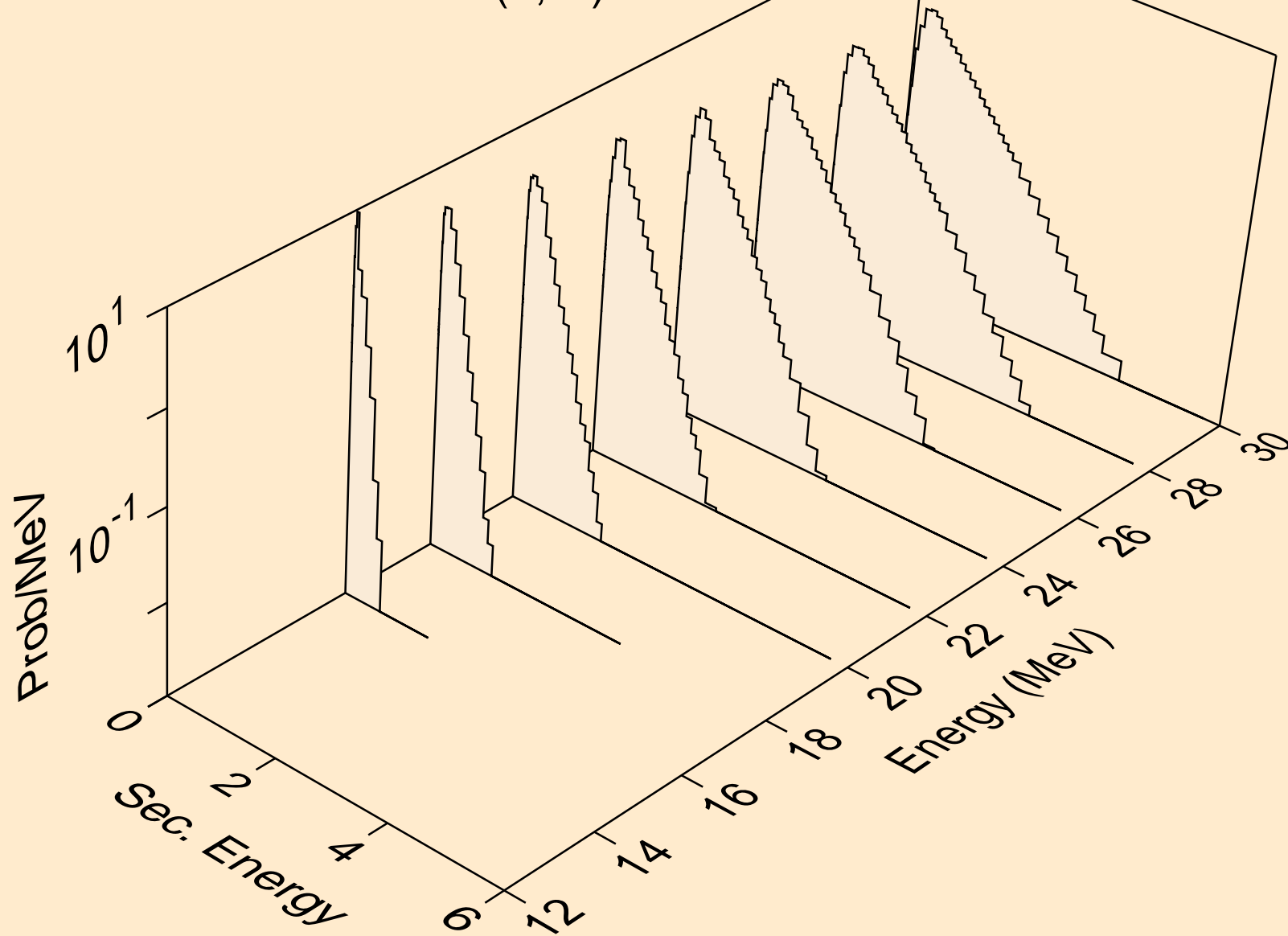
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



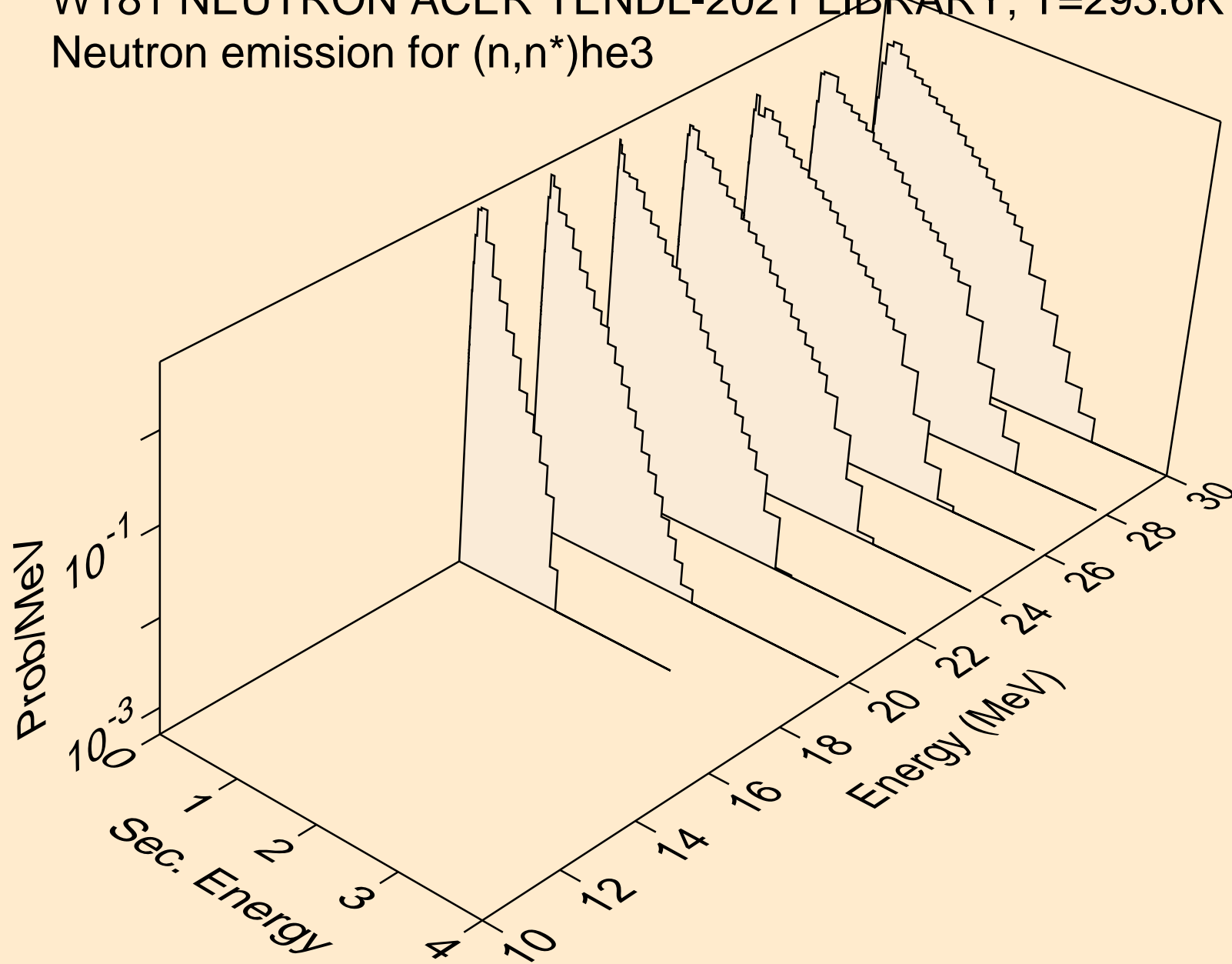
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



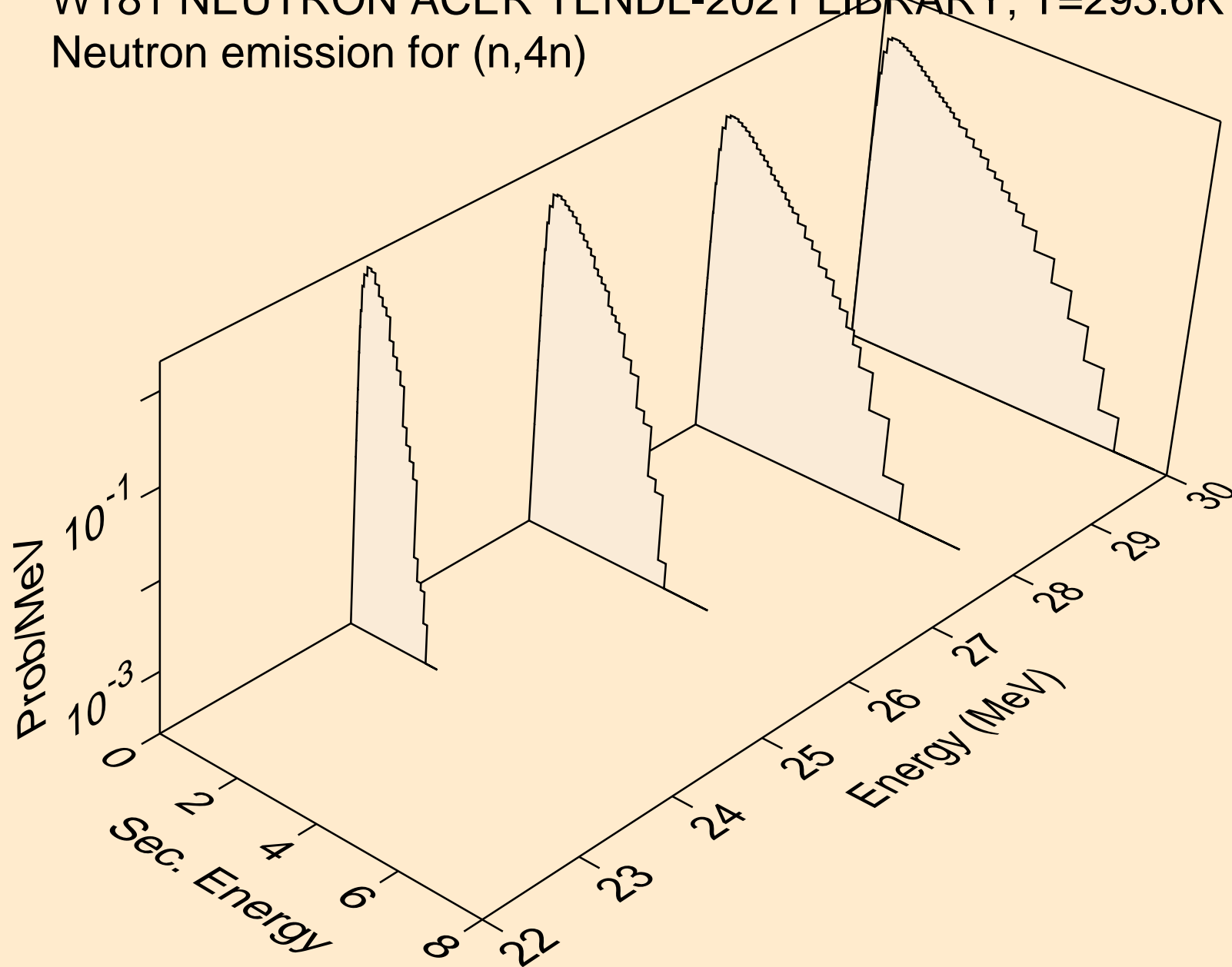
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

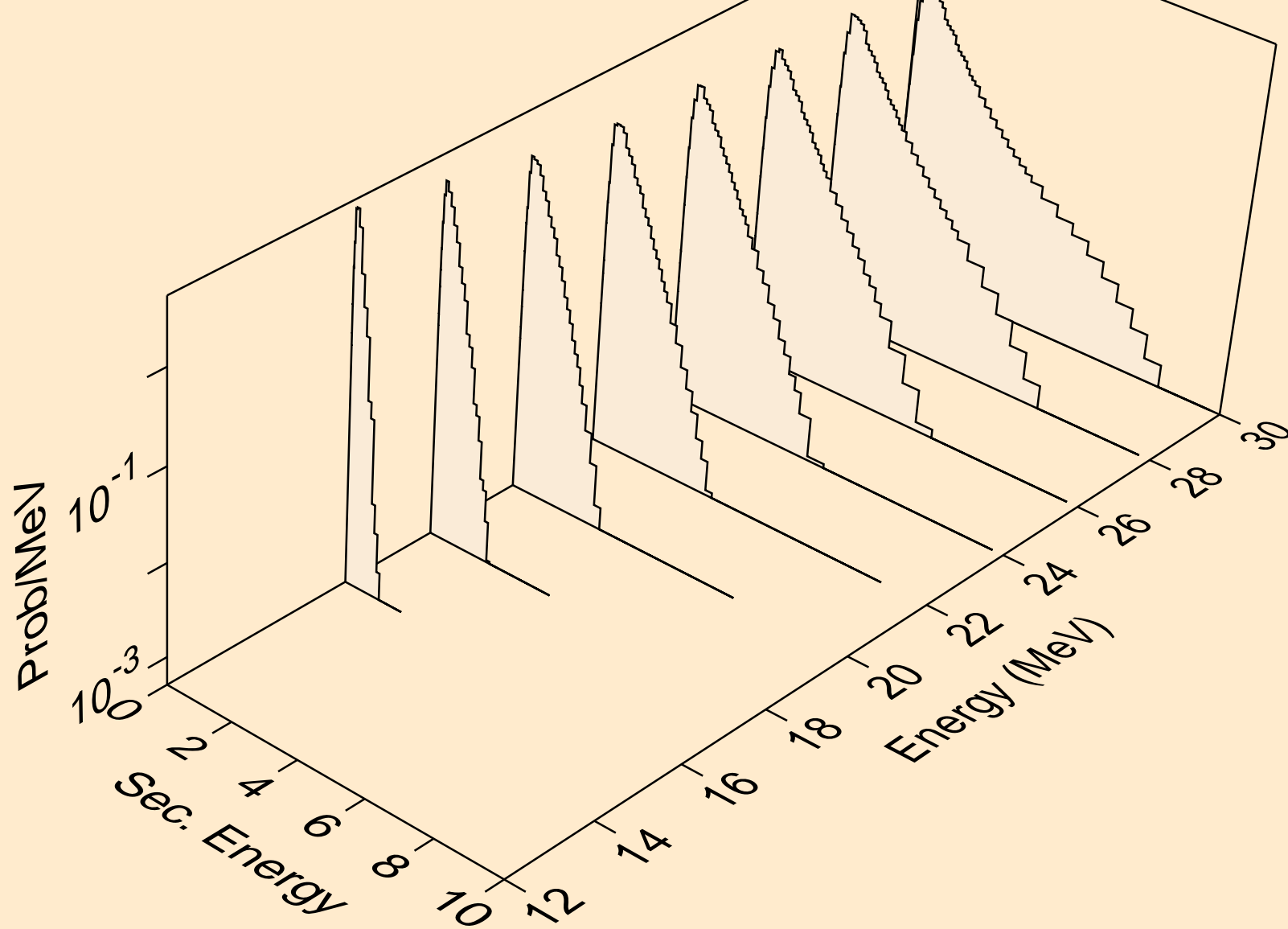


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

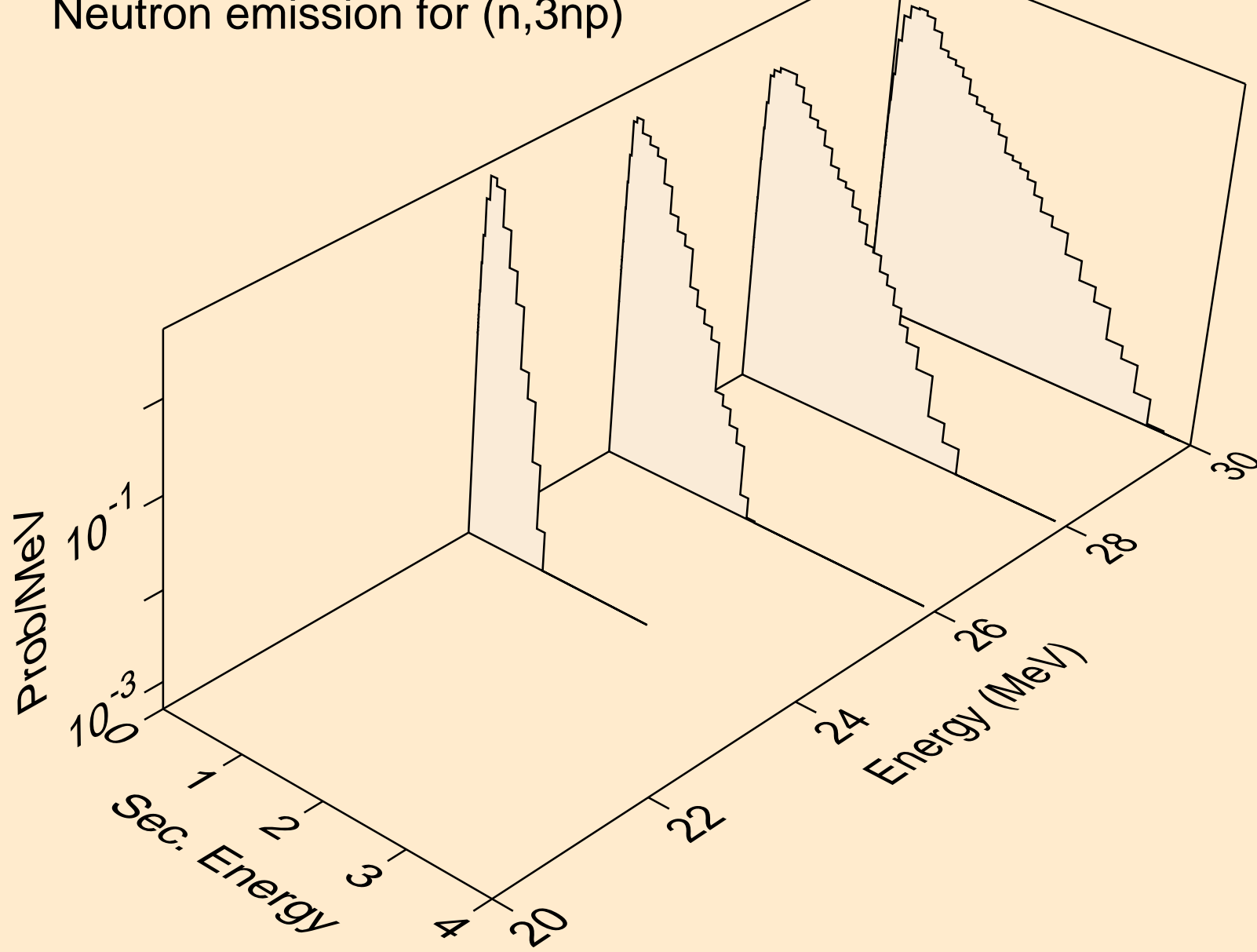




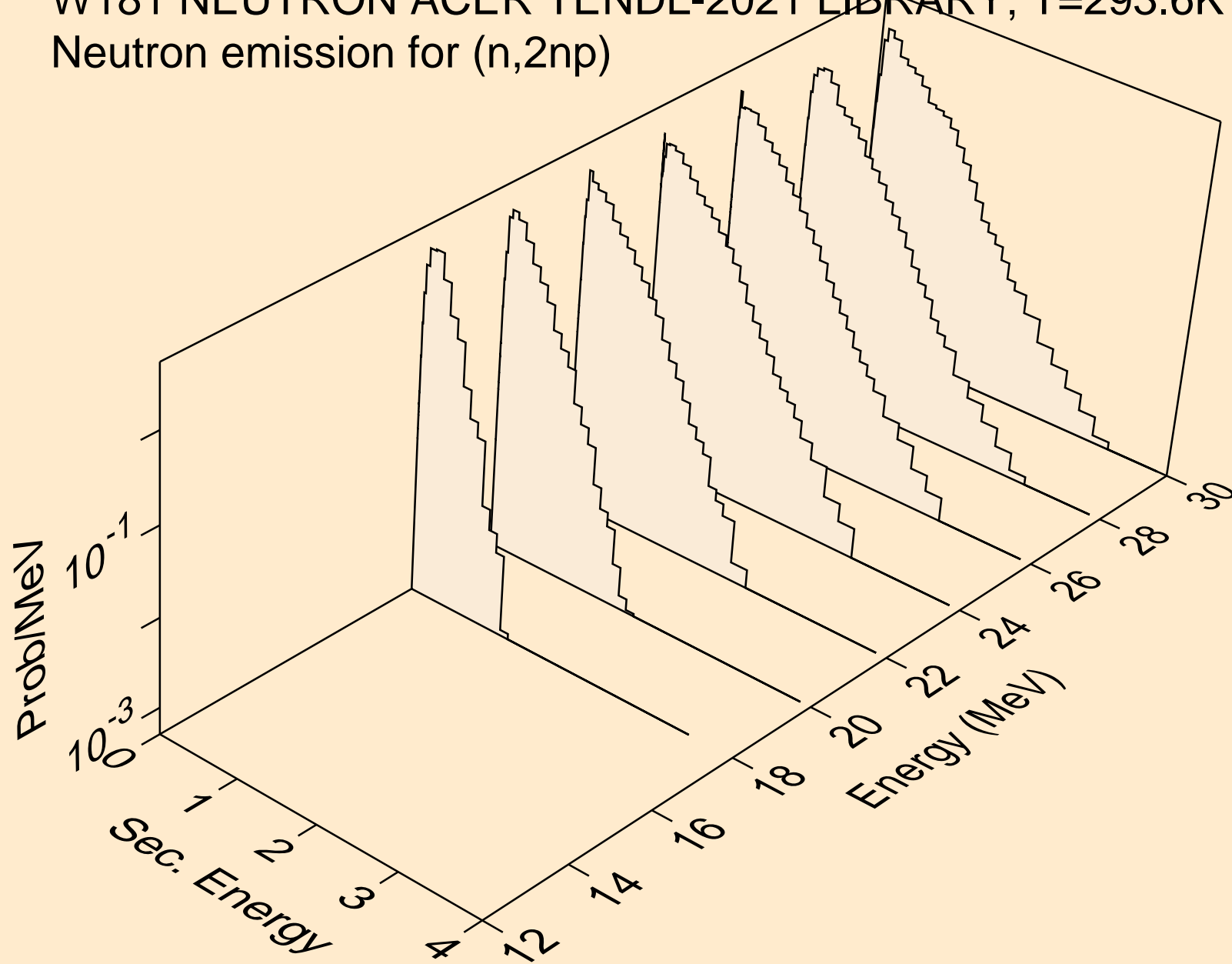
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



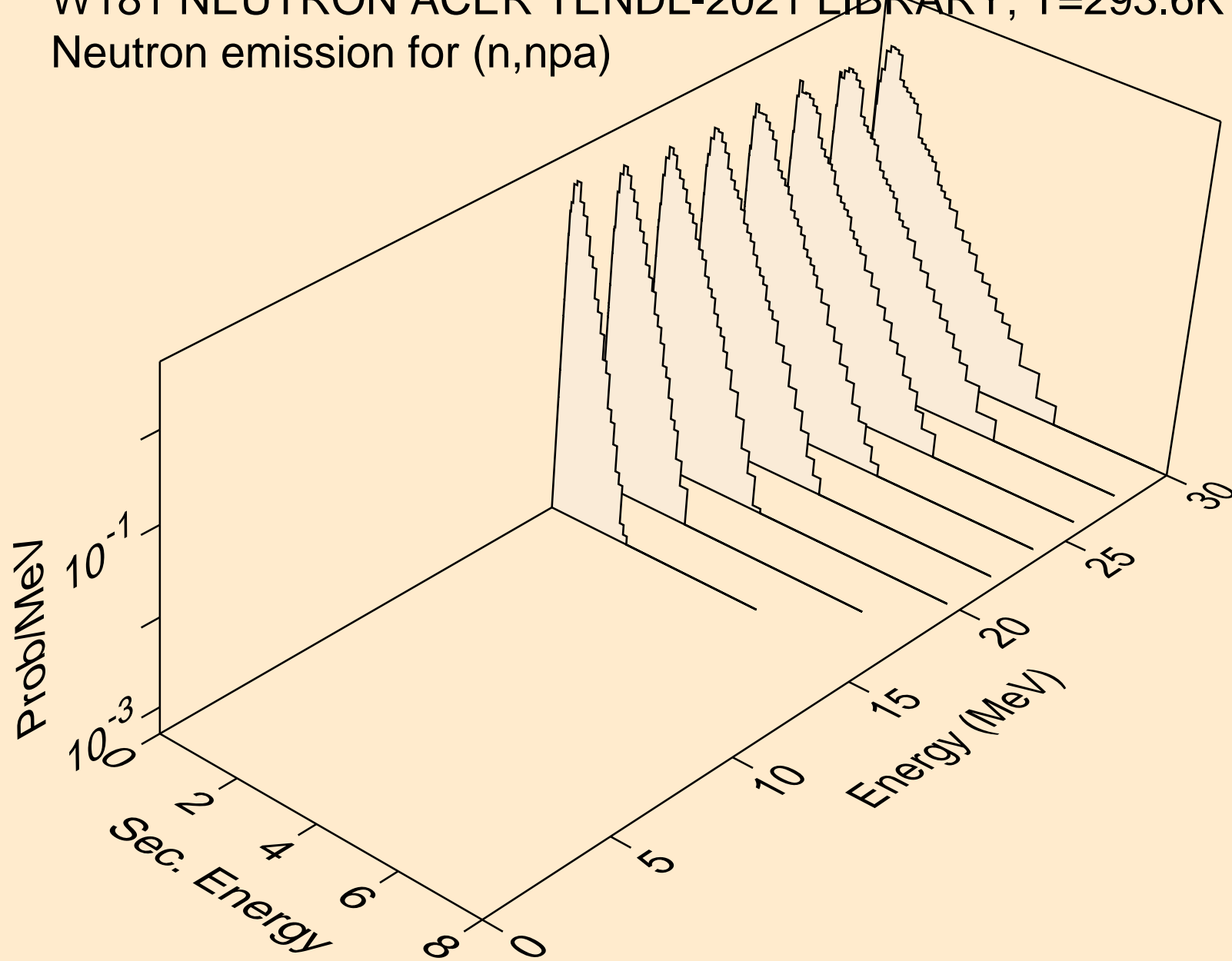
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



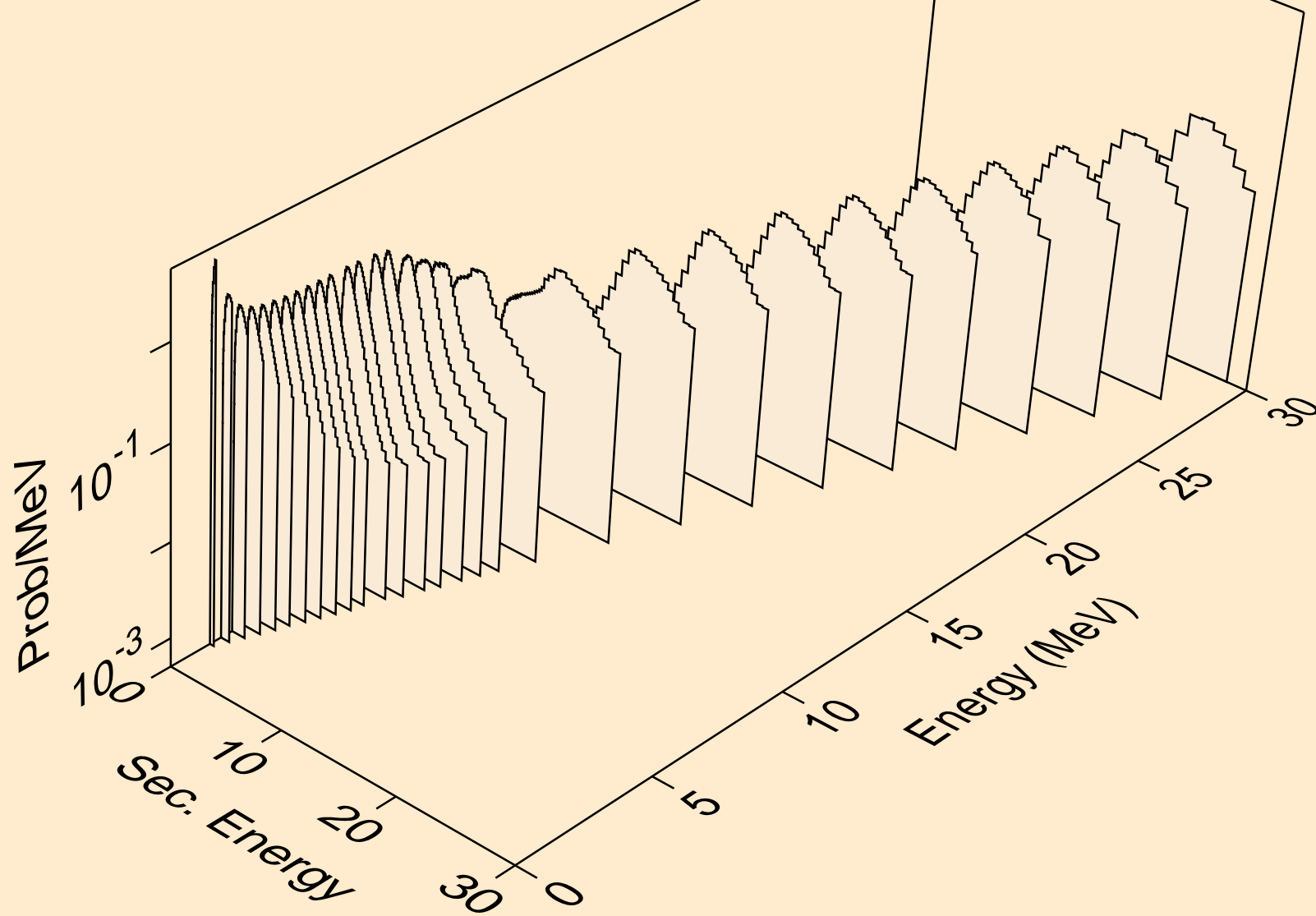
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



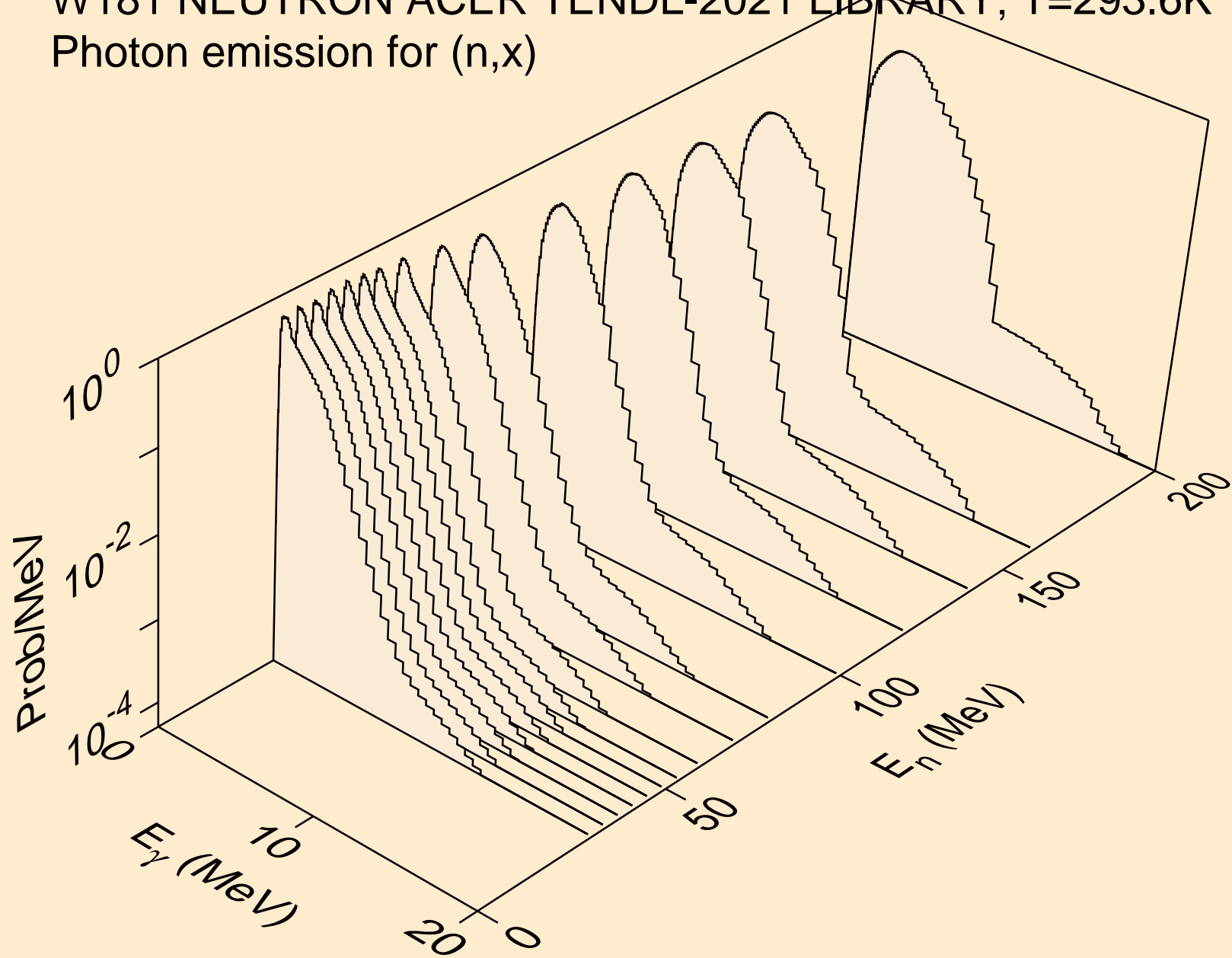
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



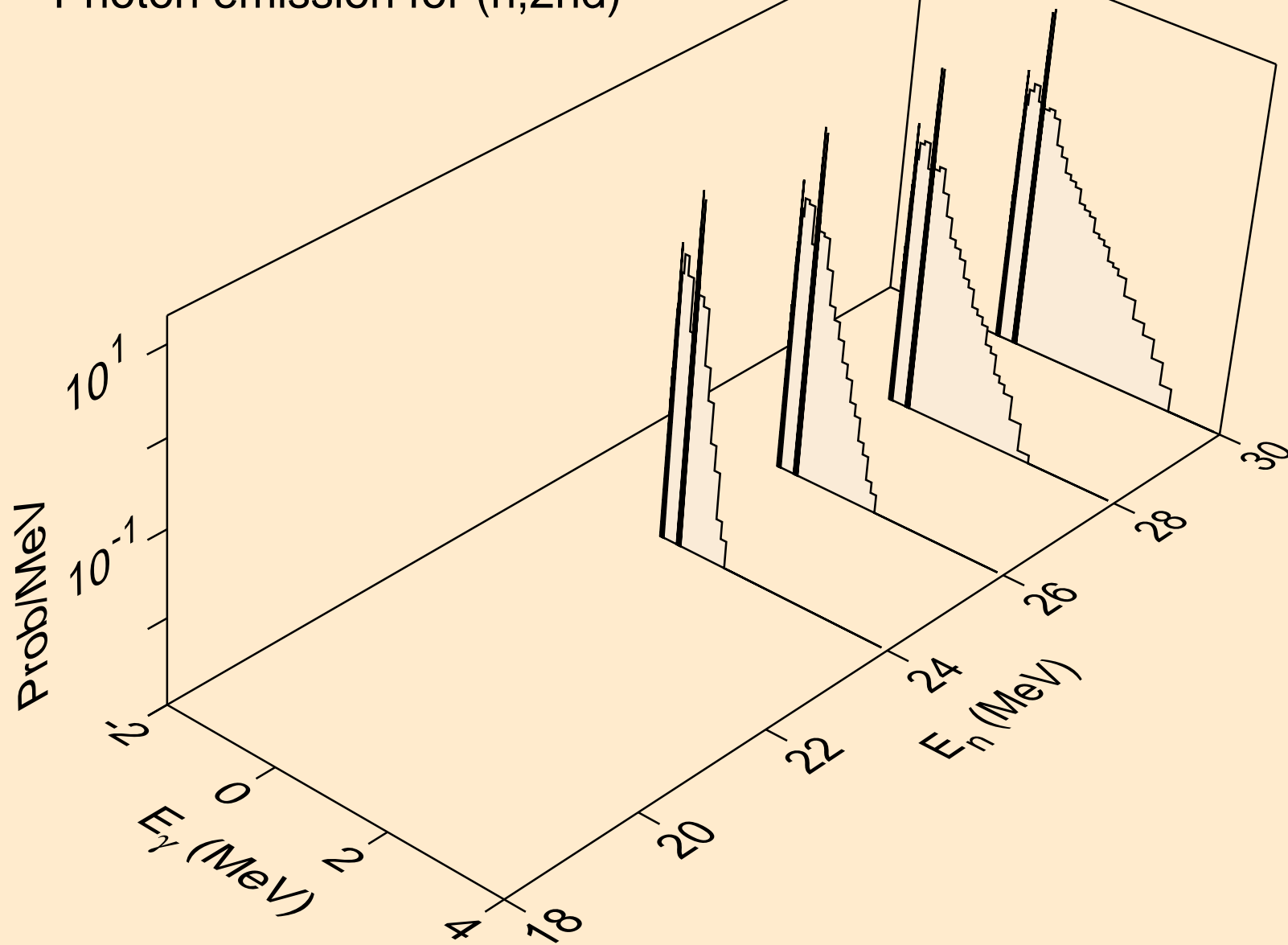
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



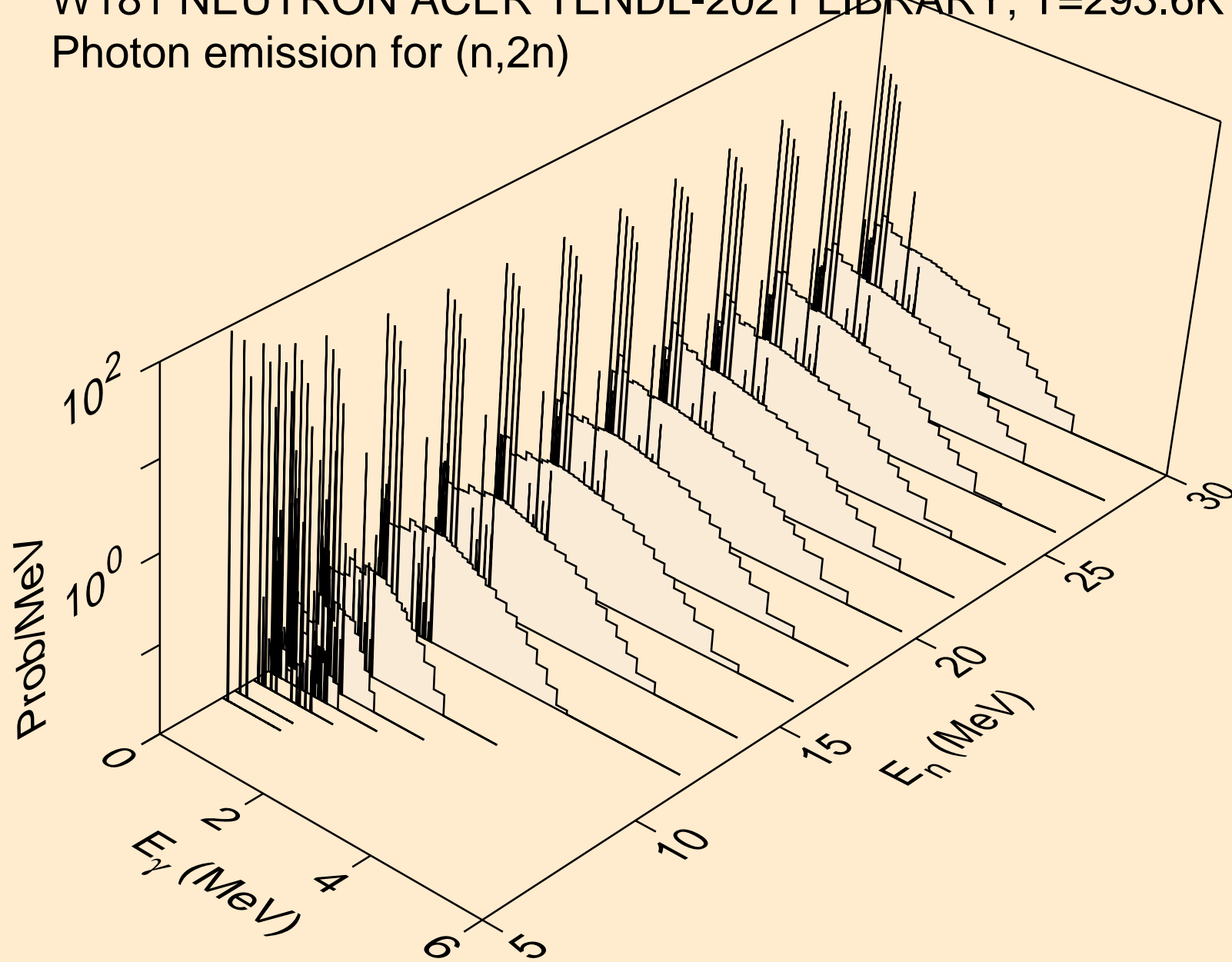
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

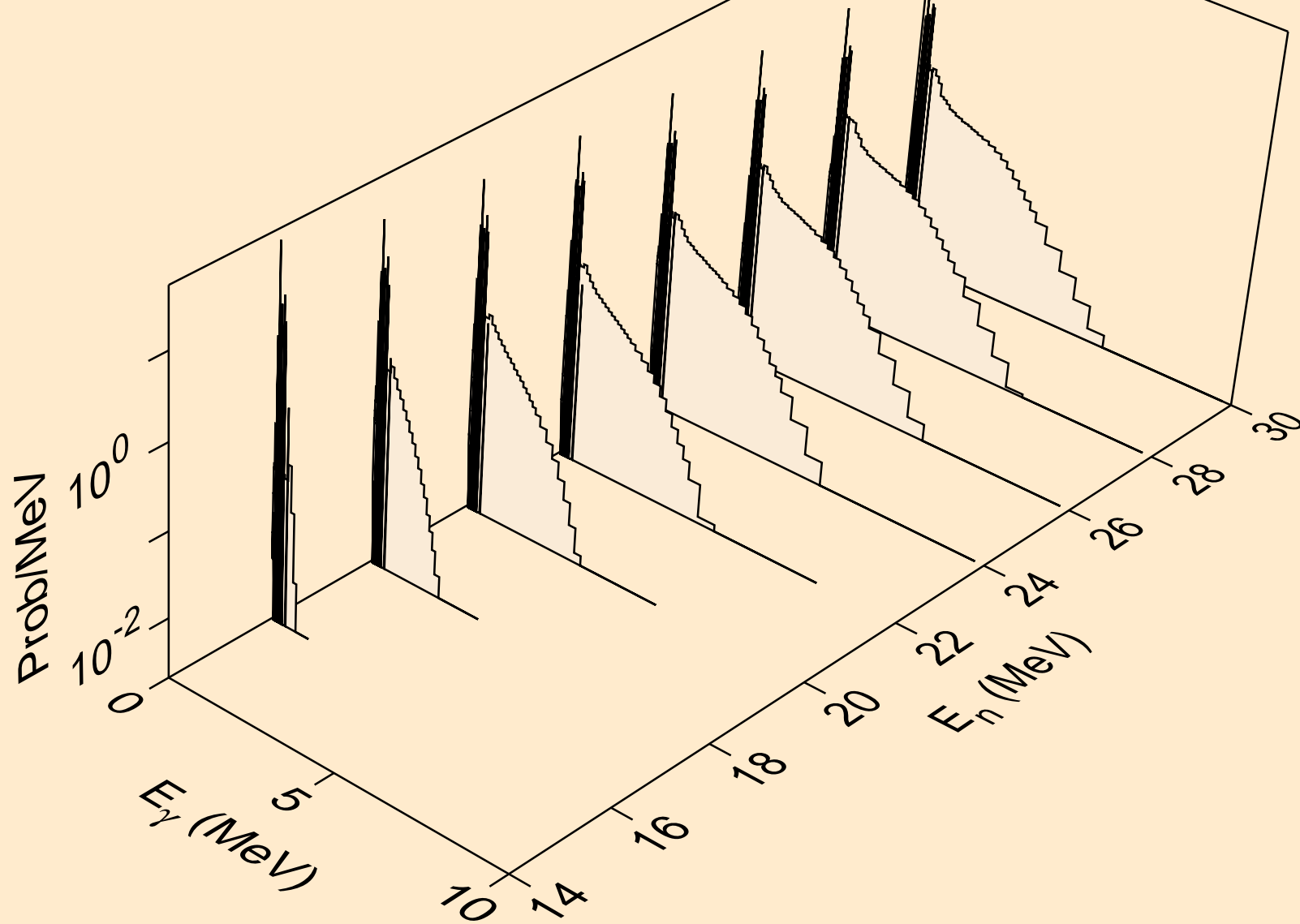


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)

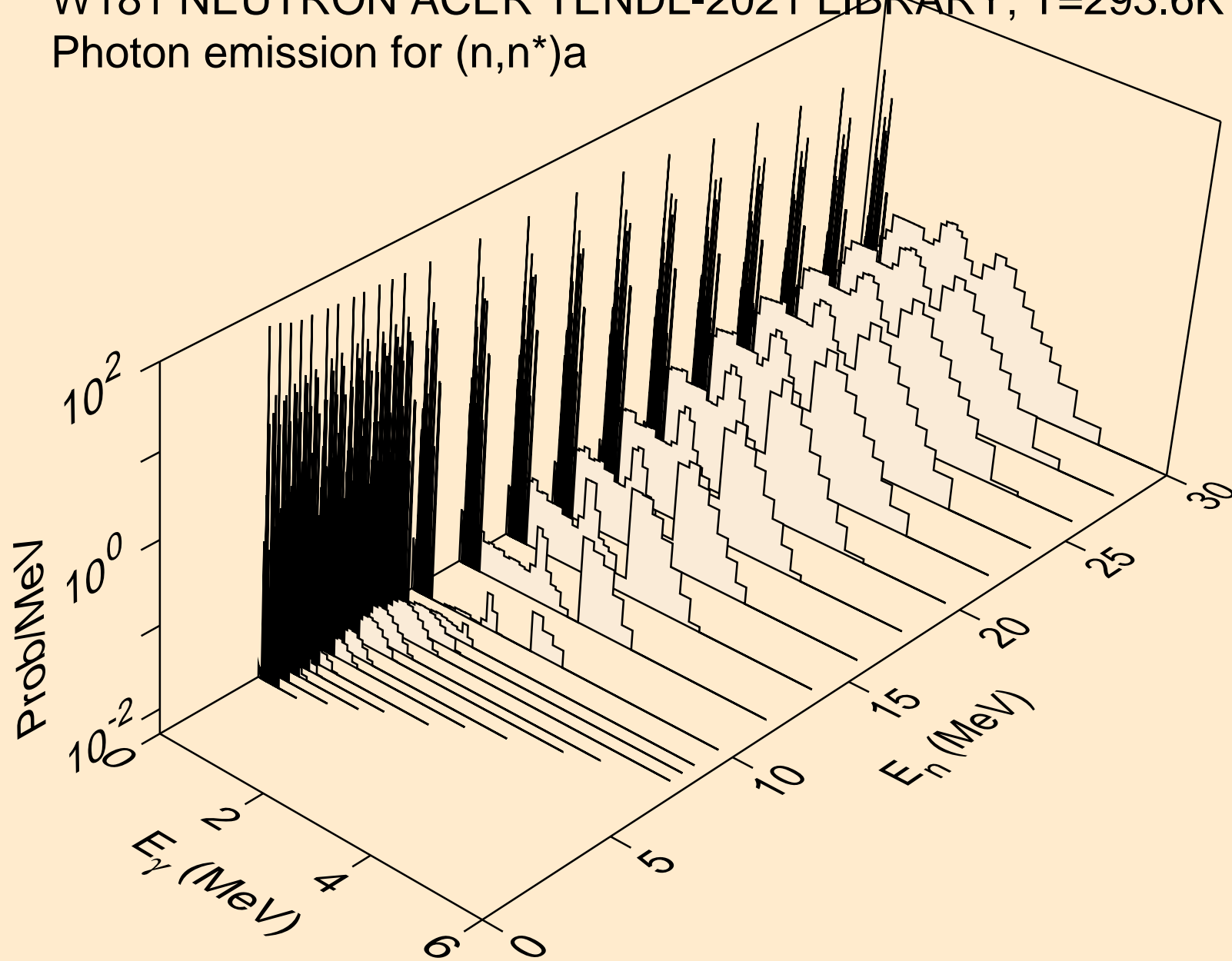




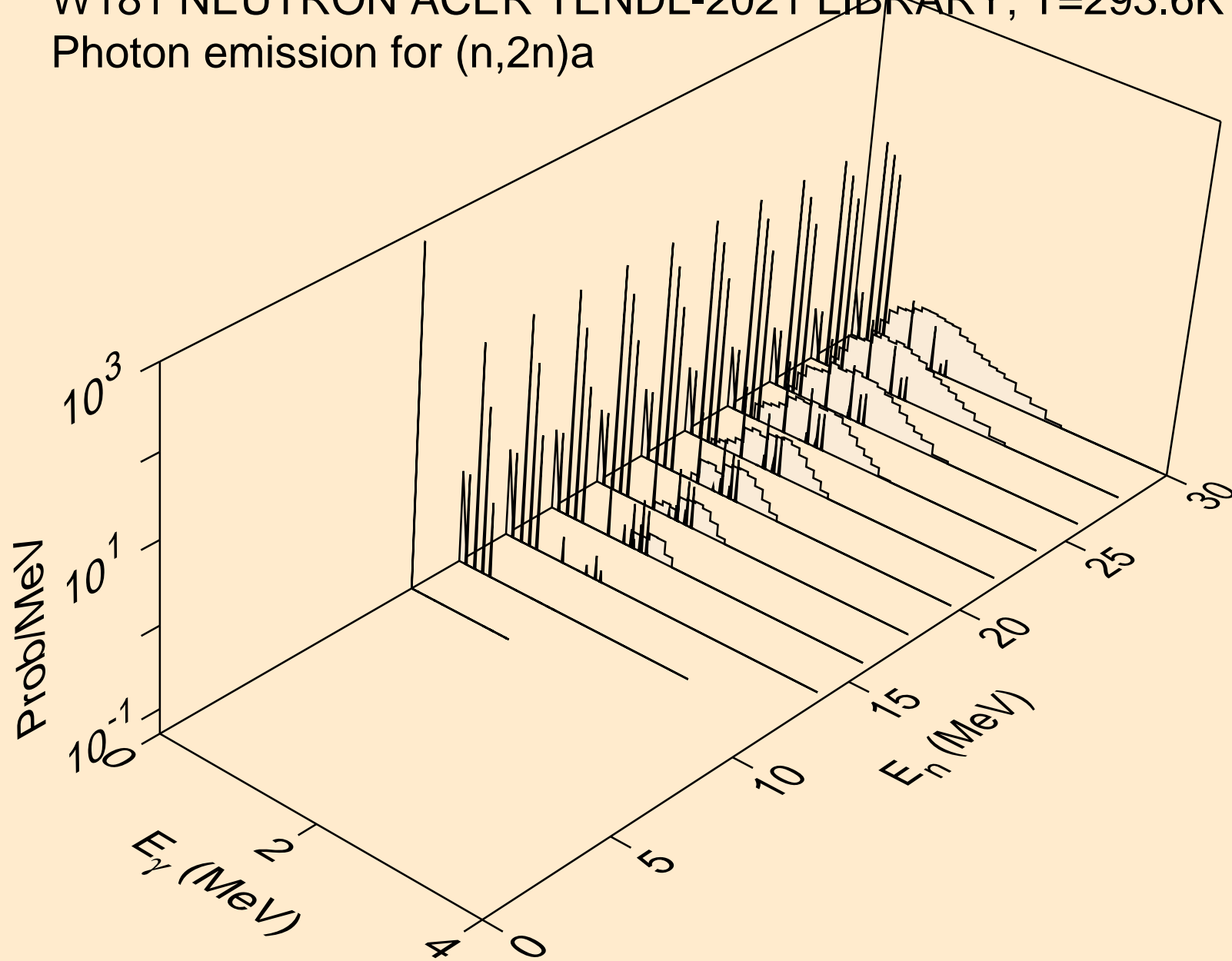
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



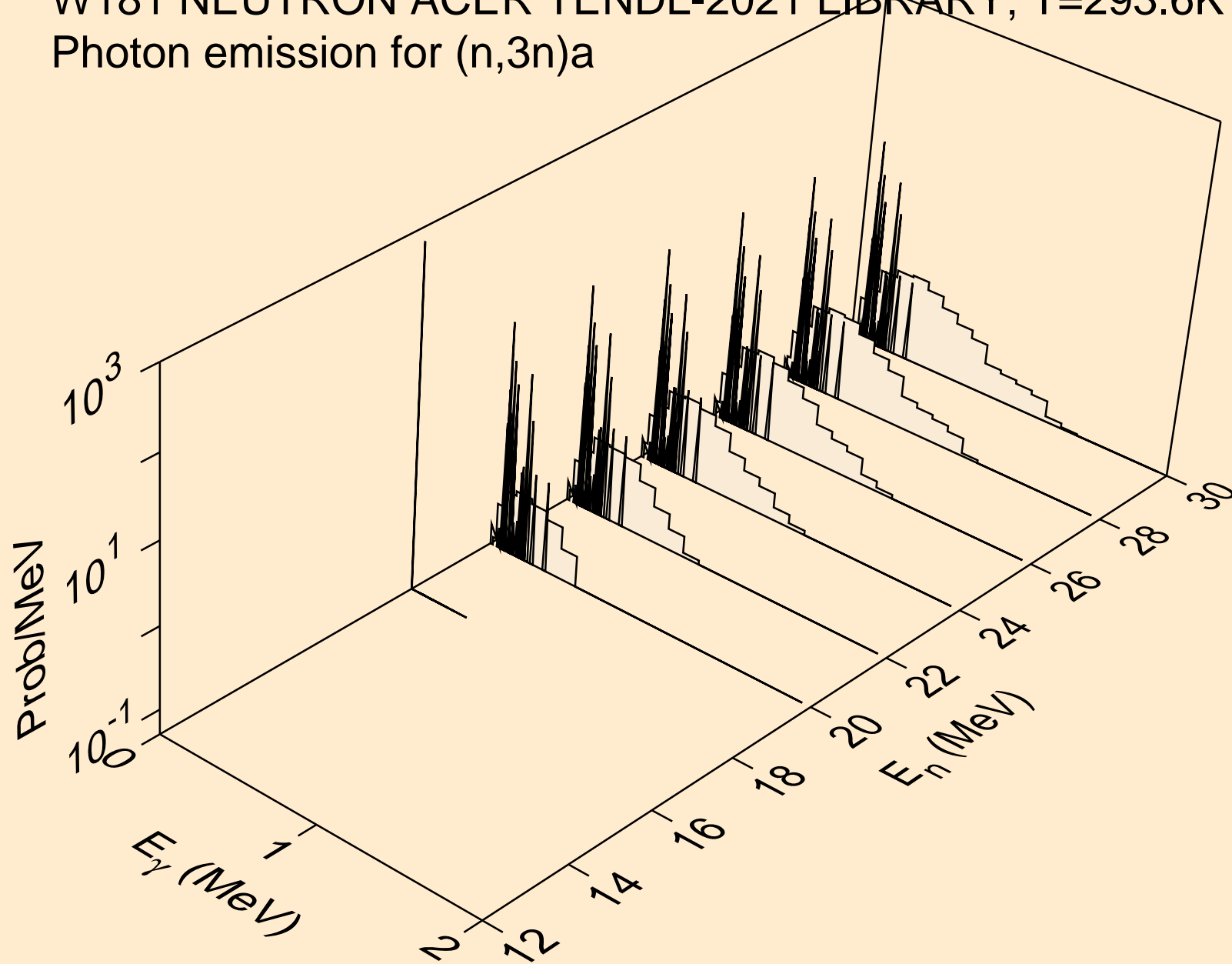
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



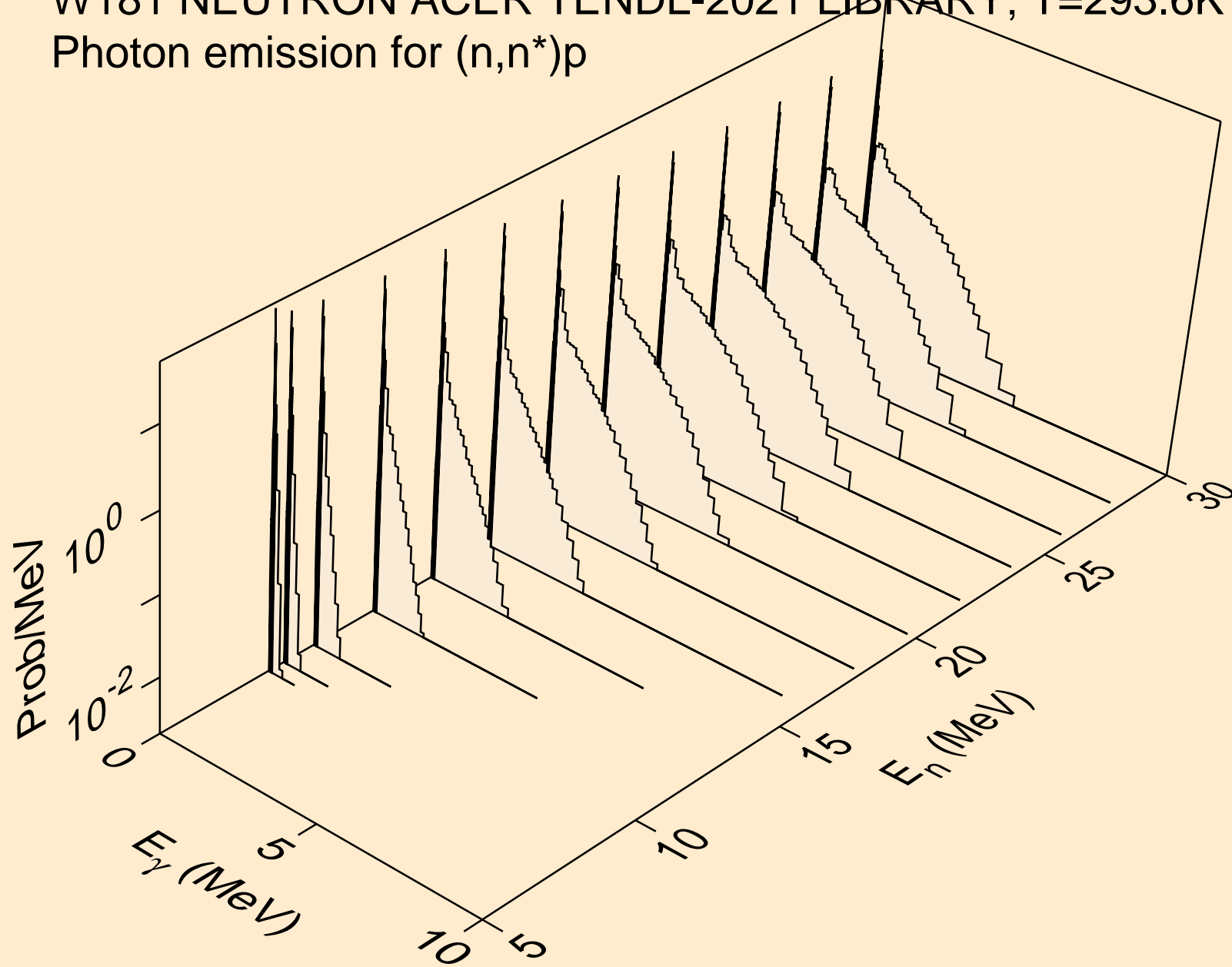
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



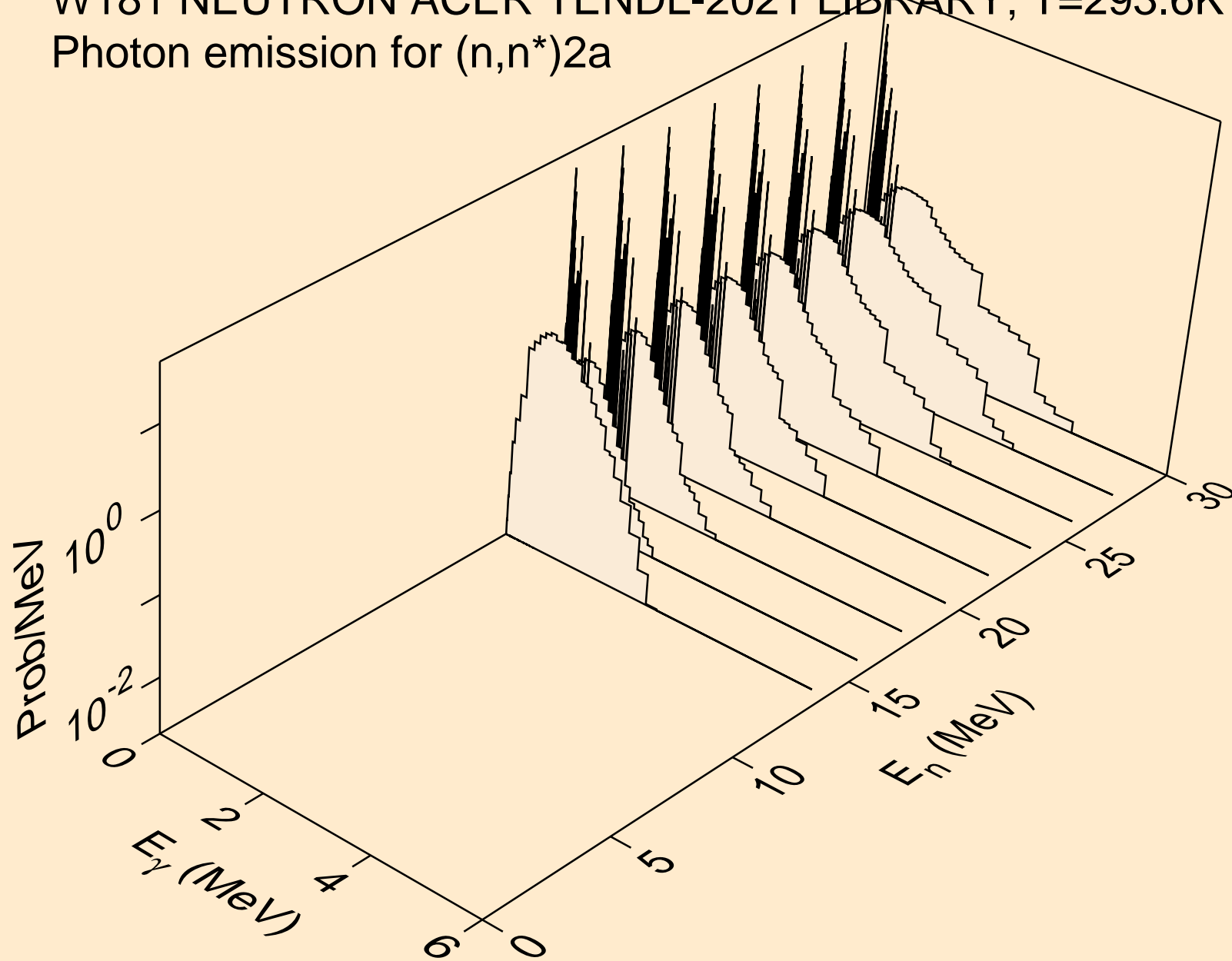
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



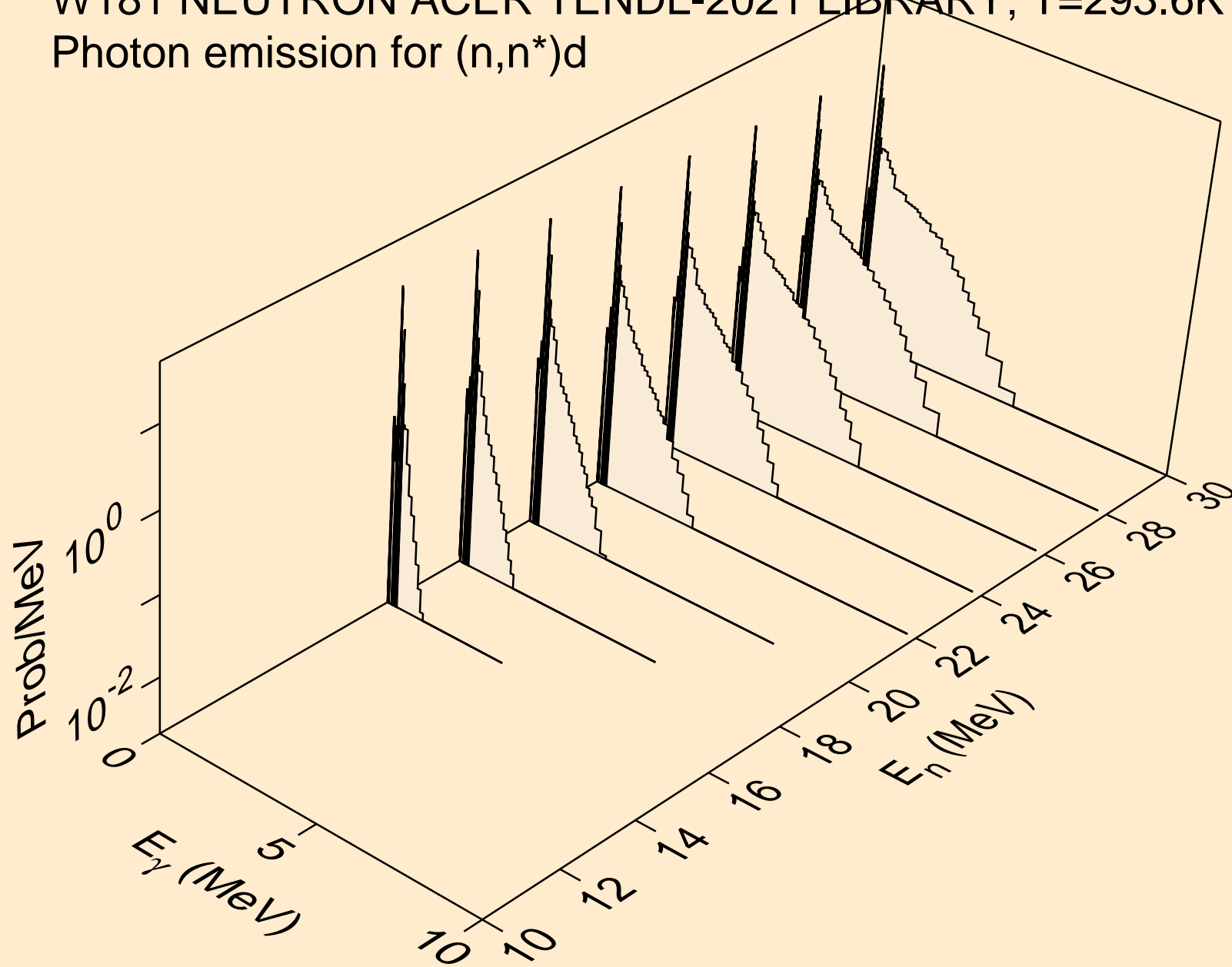
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



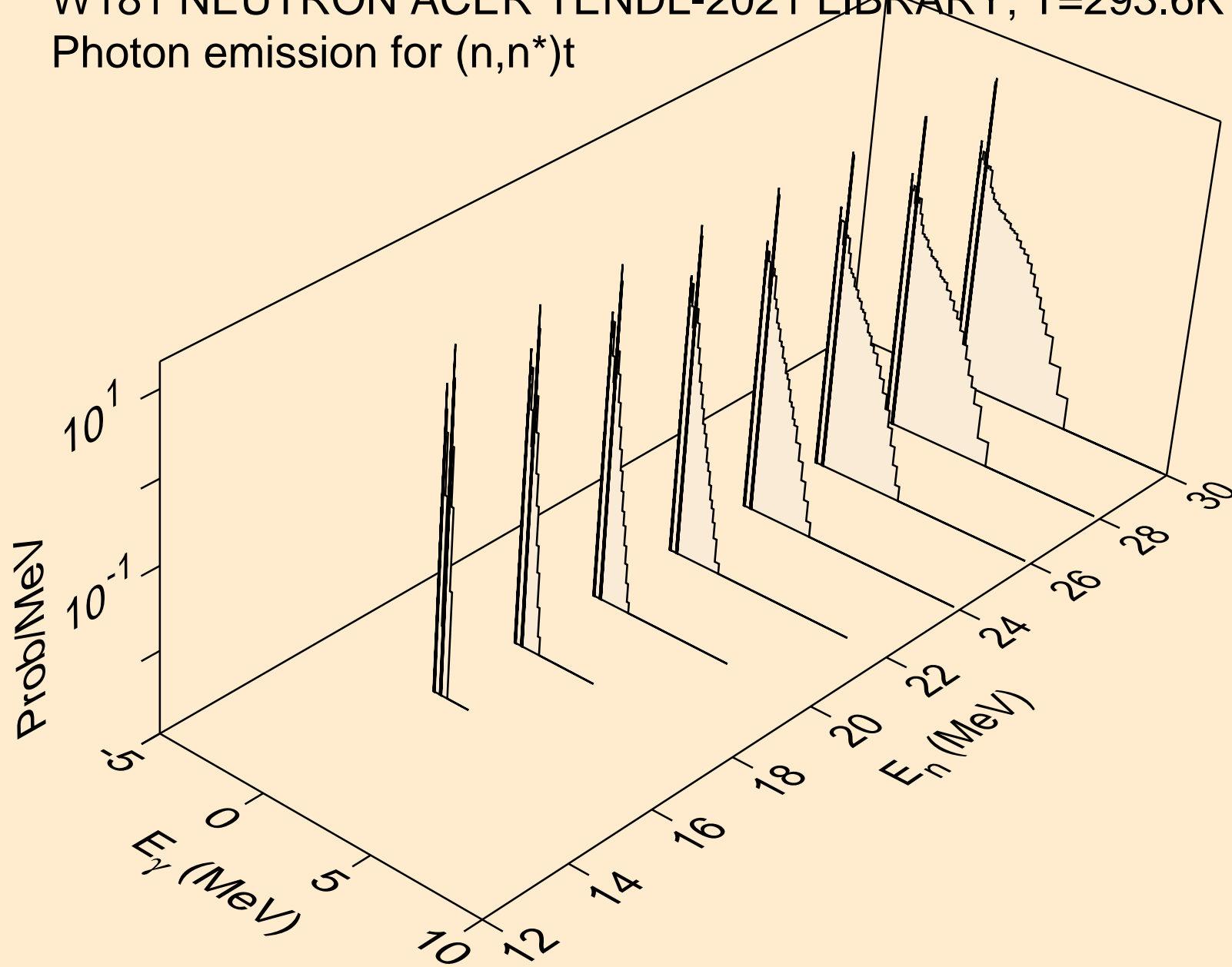
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

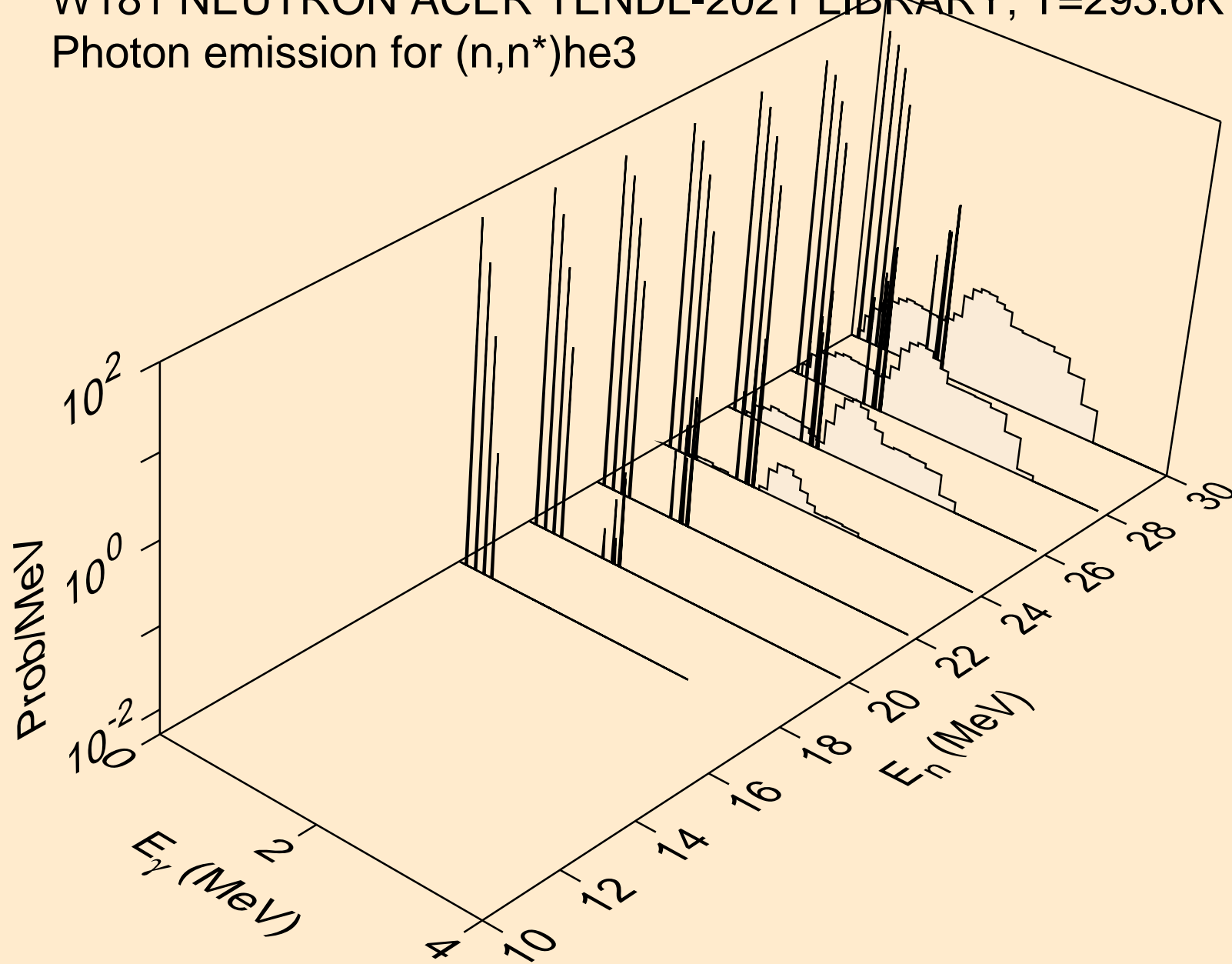


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

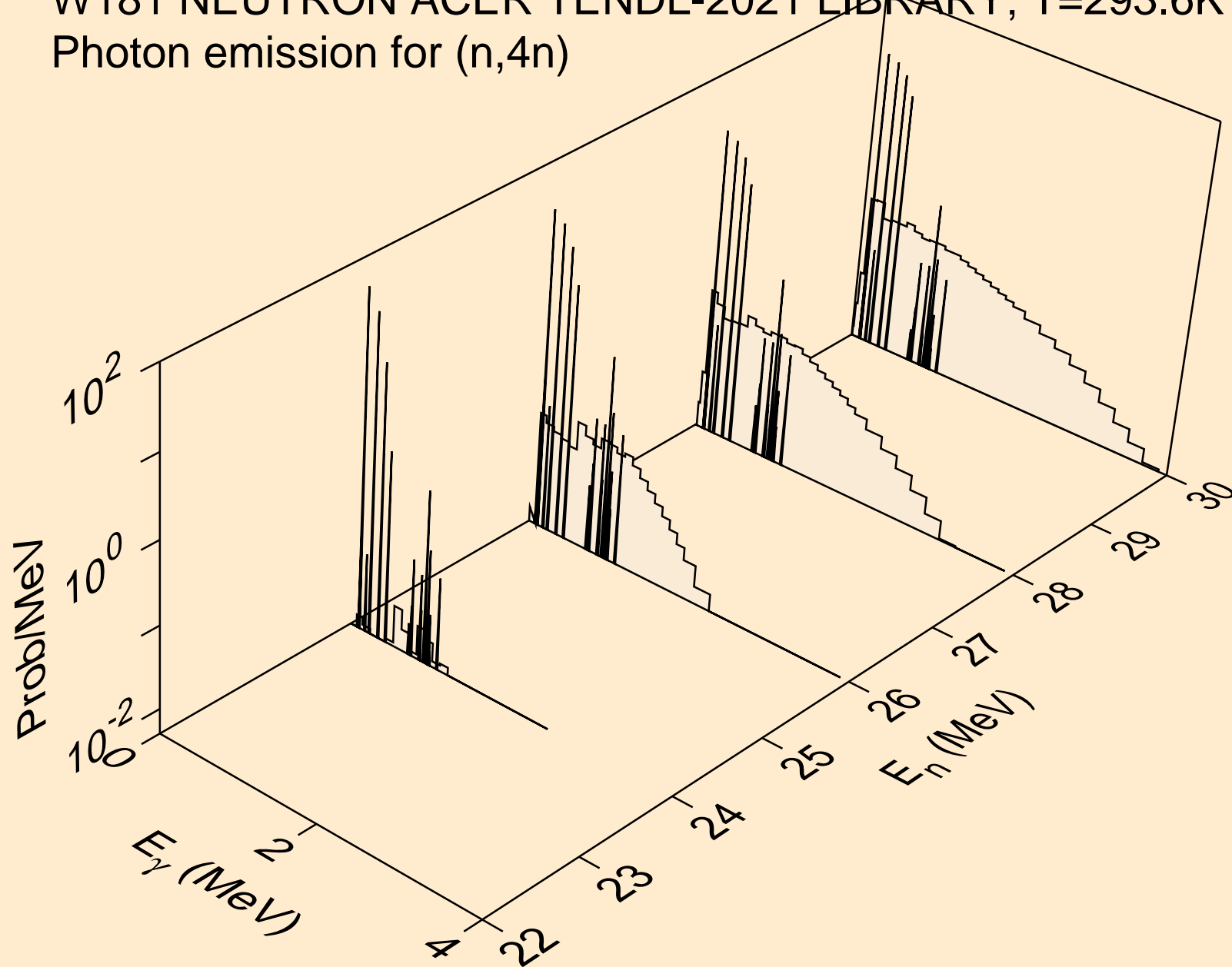




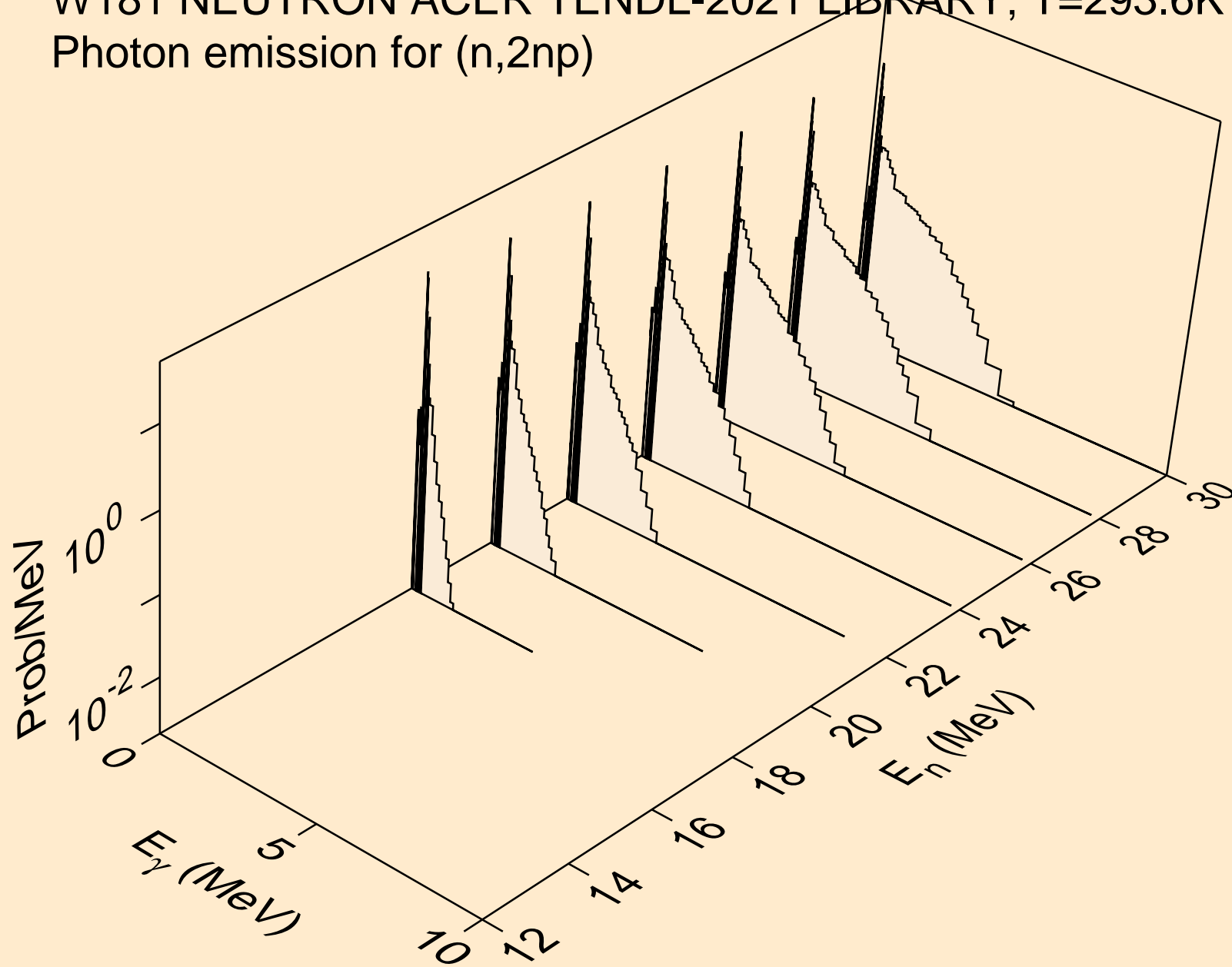
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



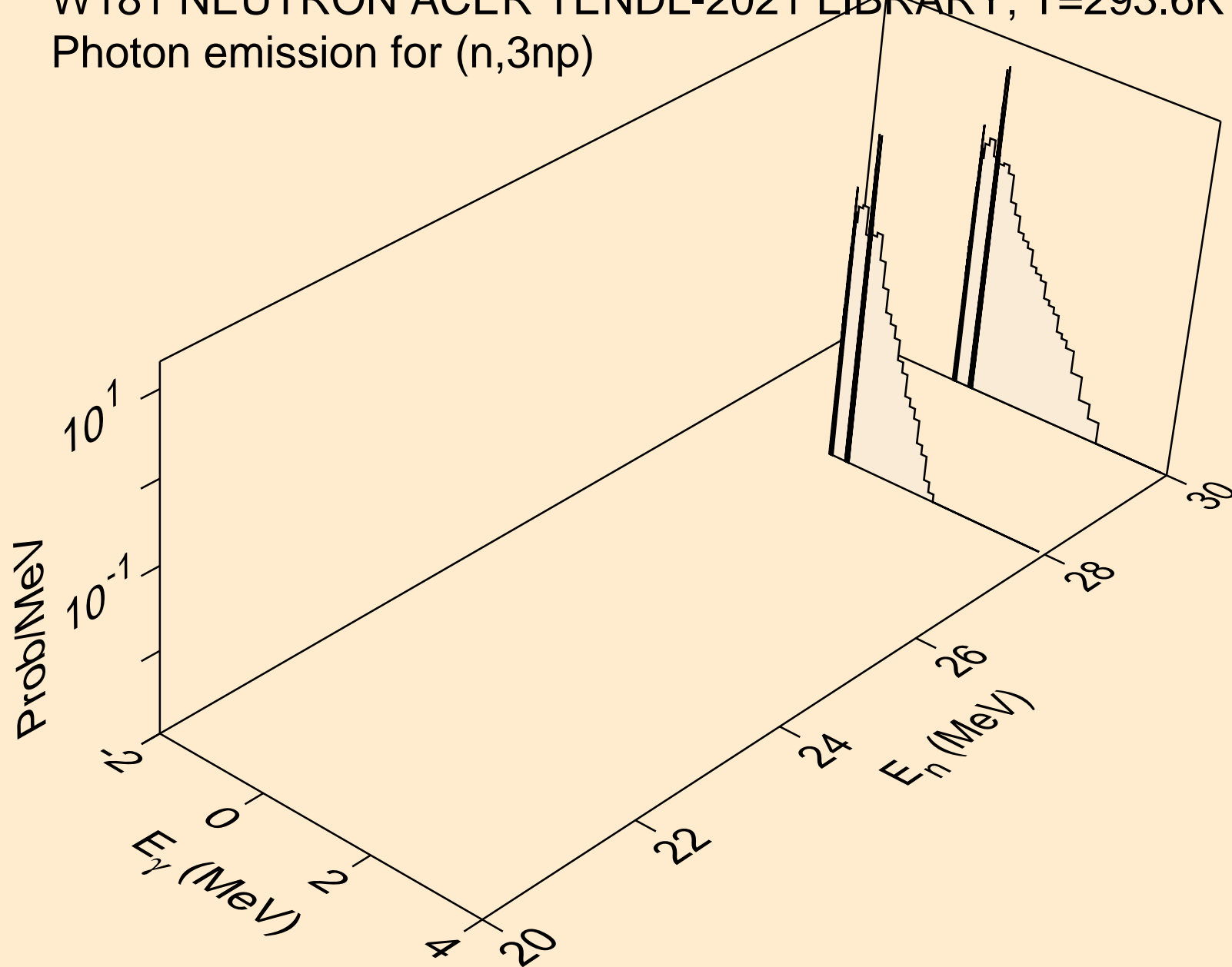
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



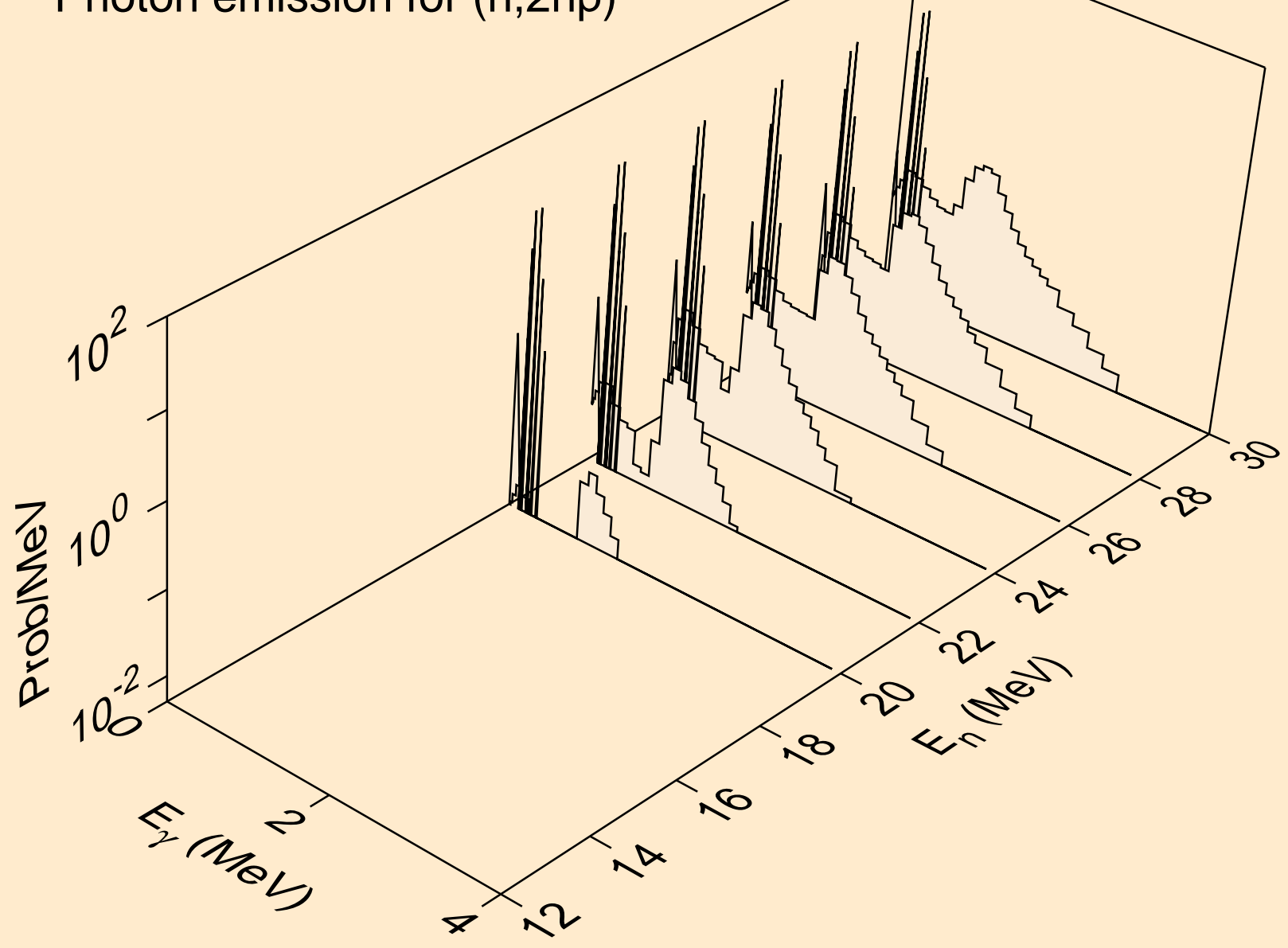
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



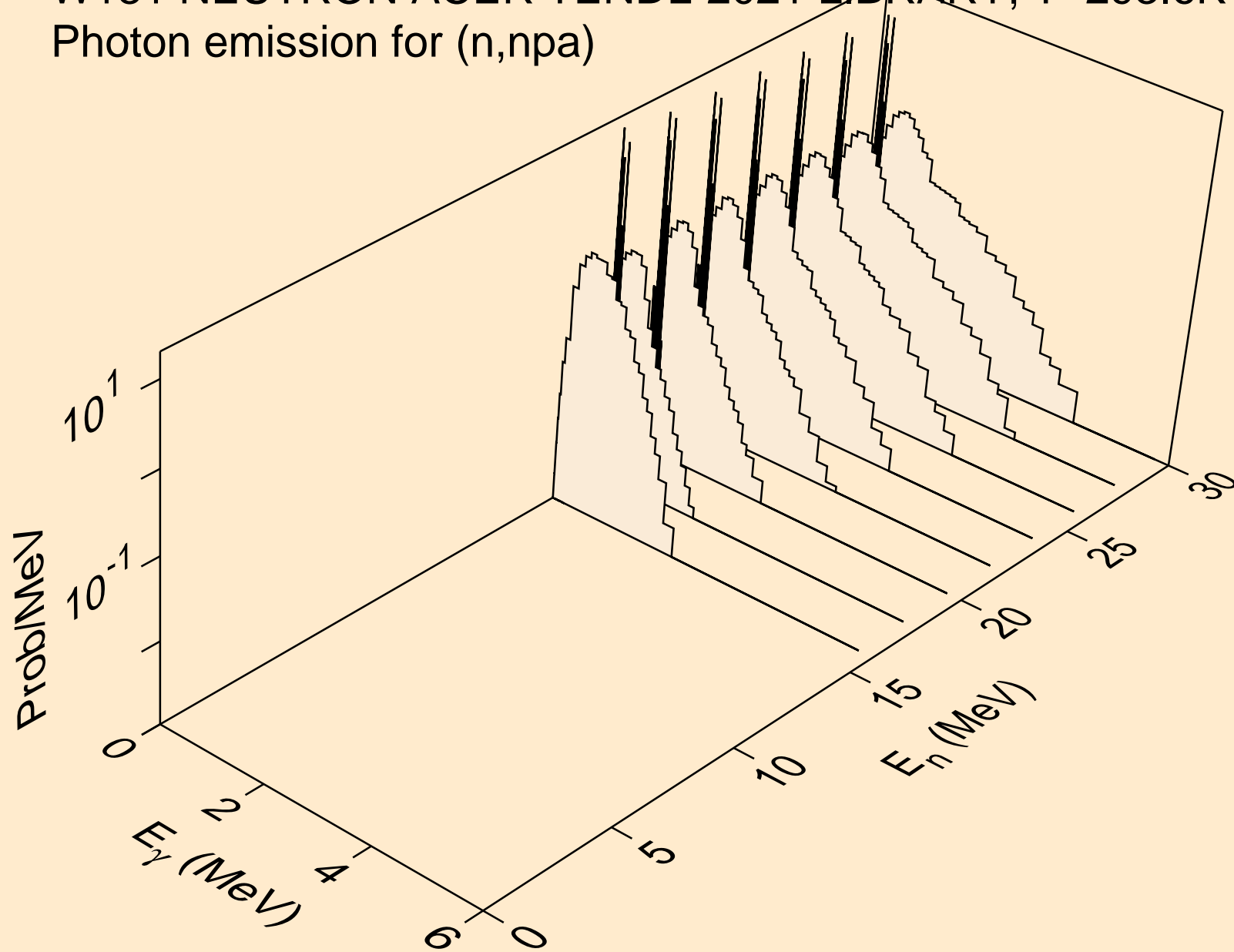
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



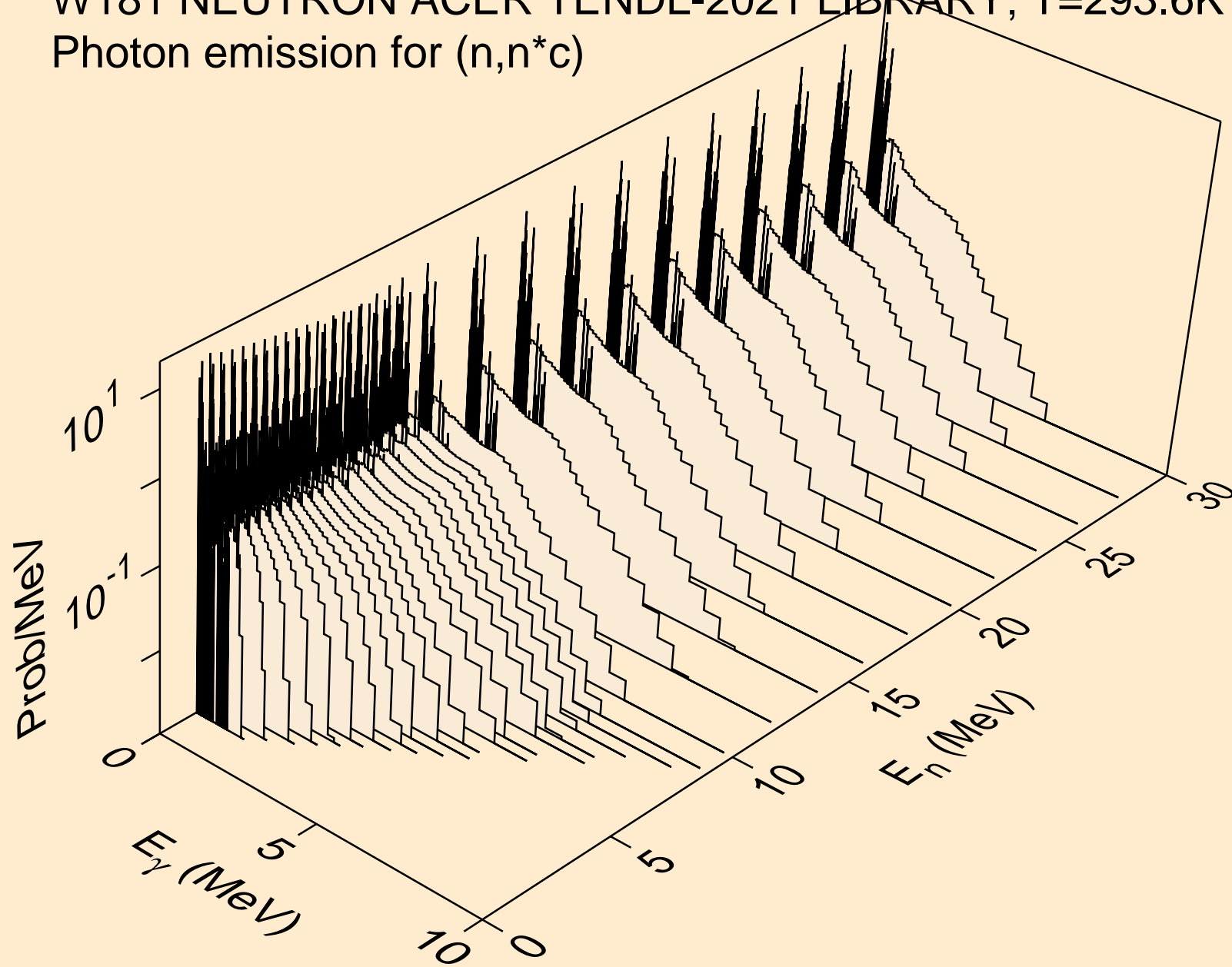
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



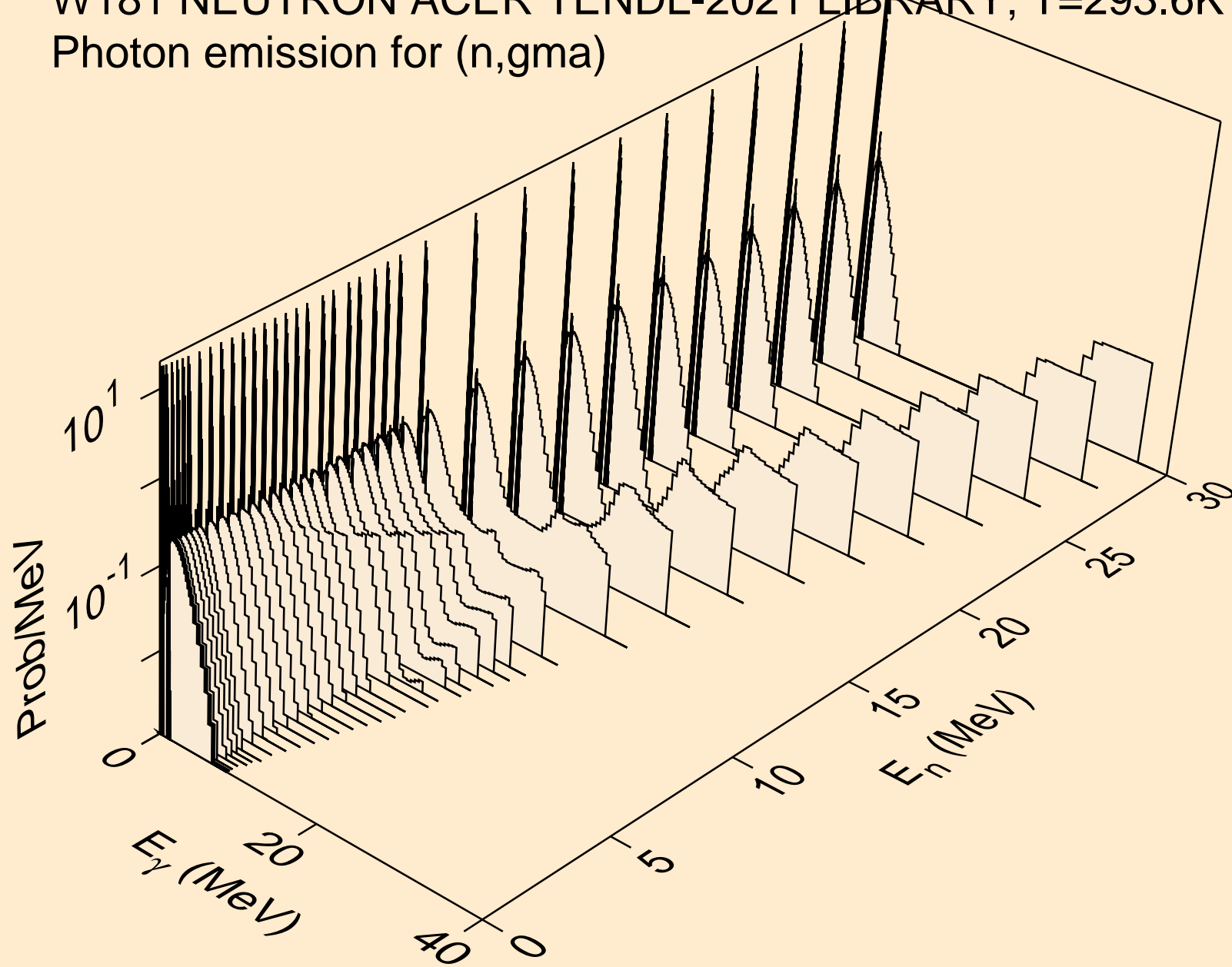
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

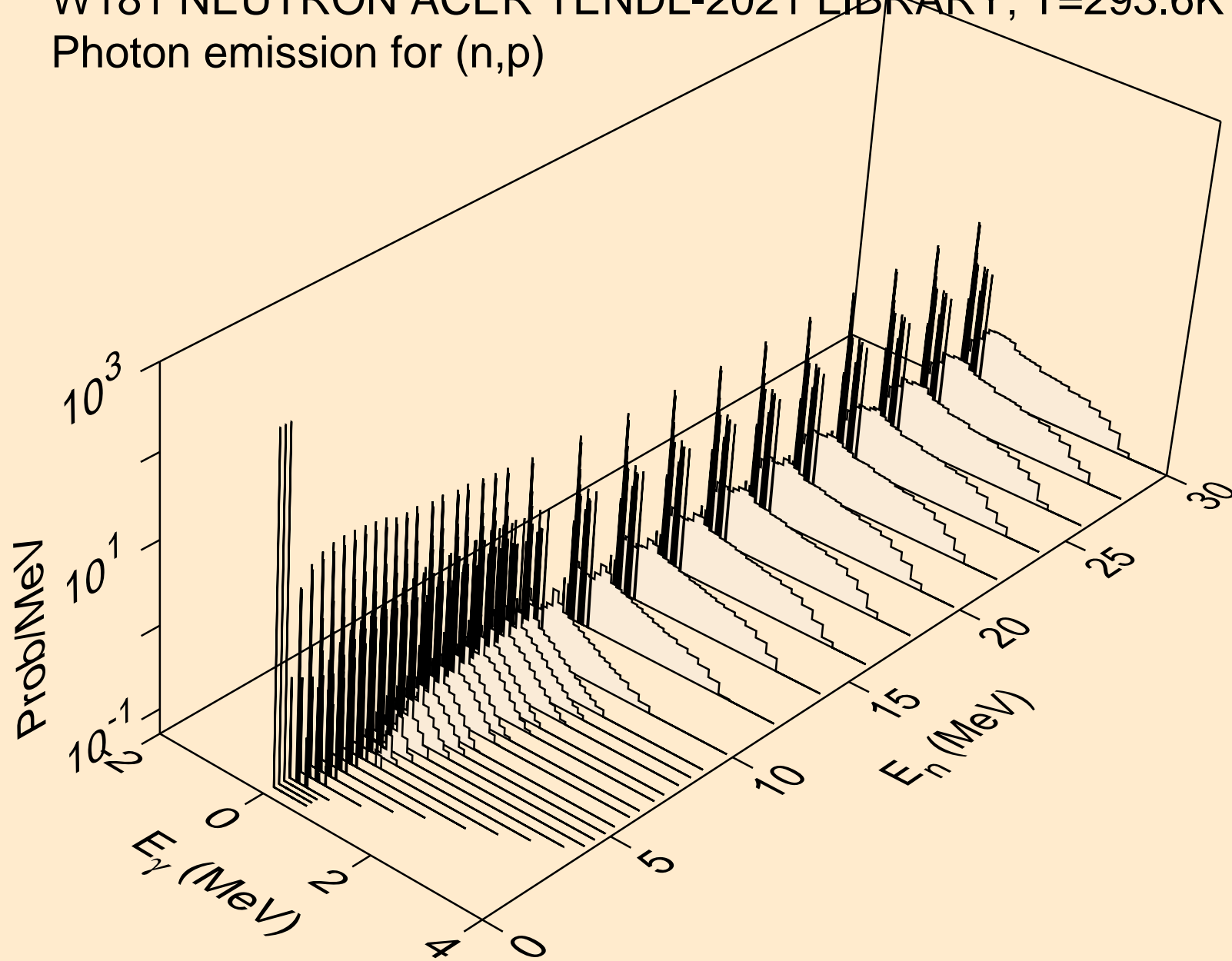


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

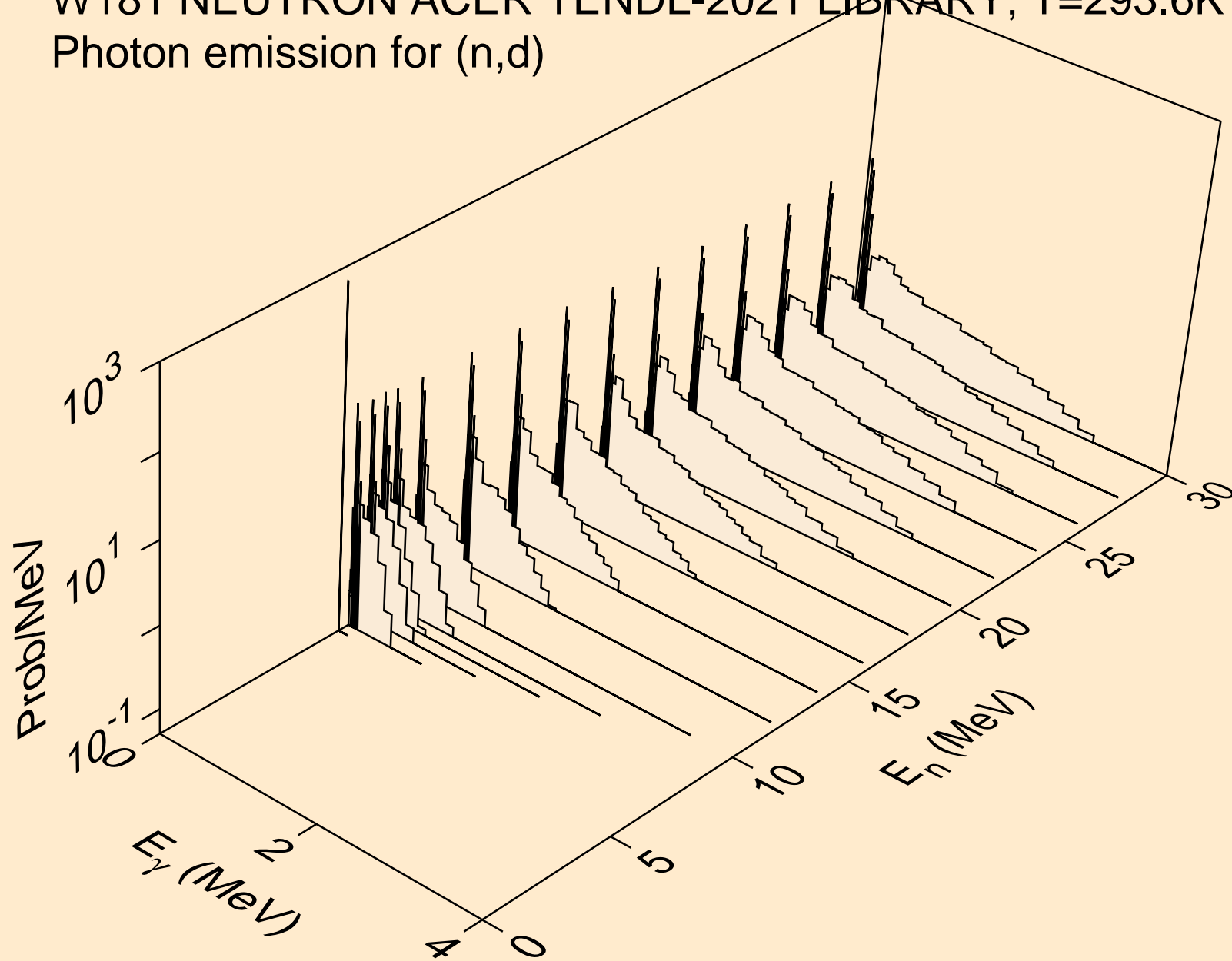




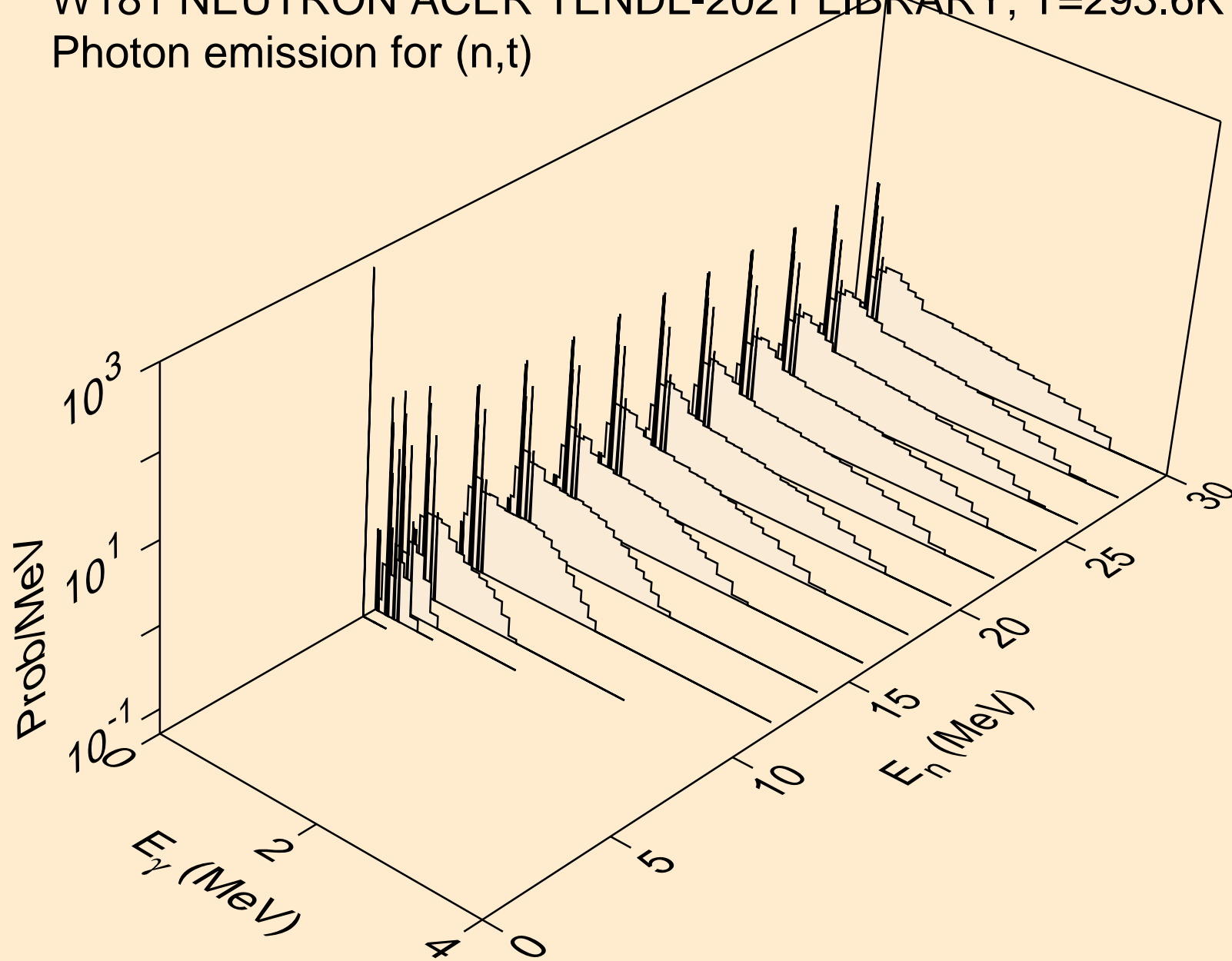
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



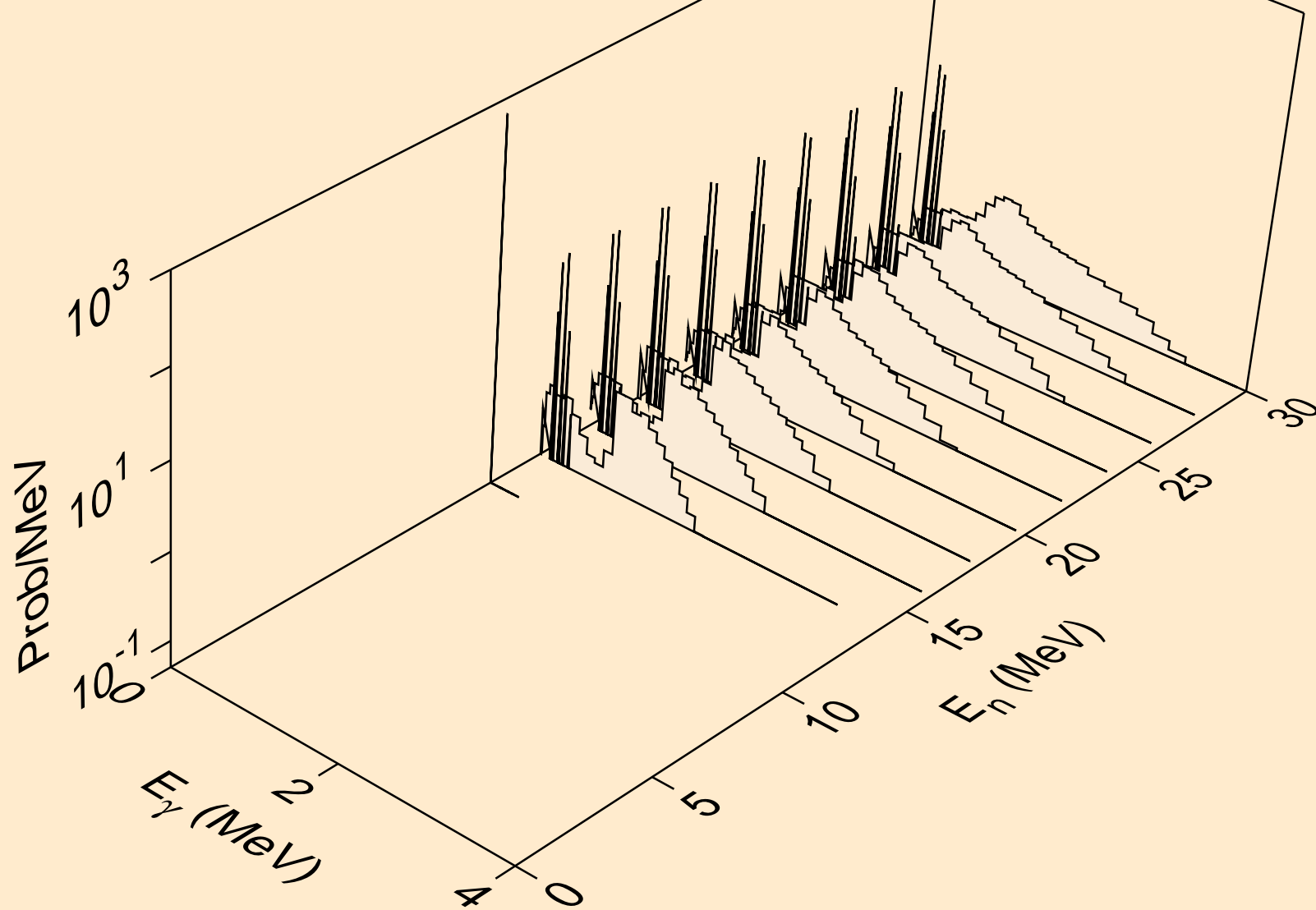
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



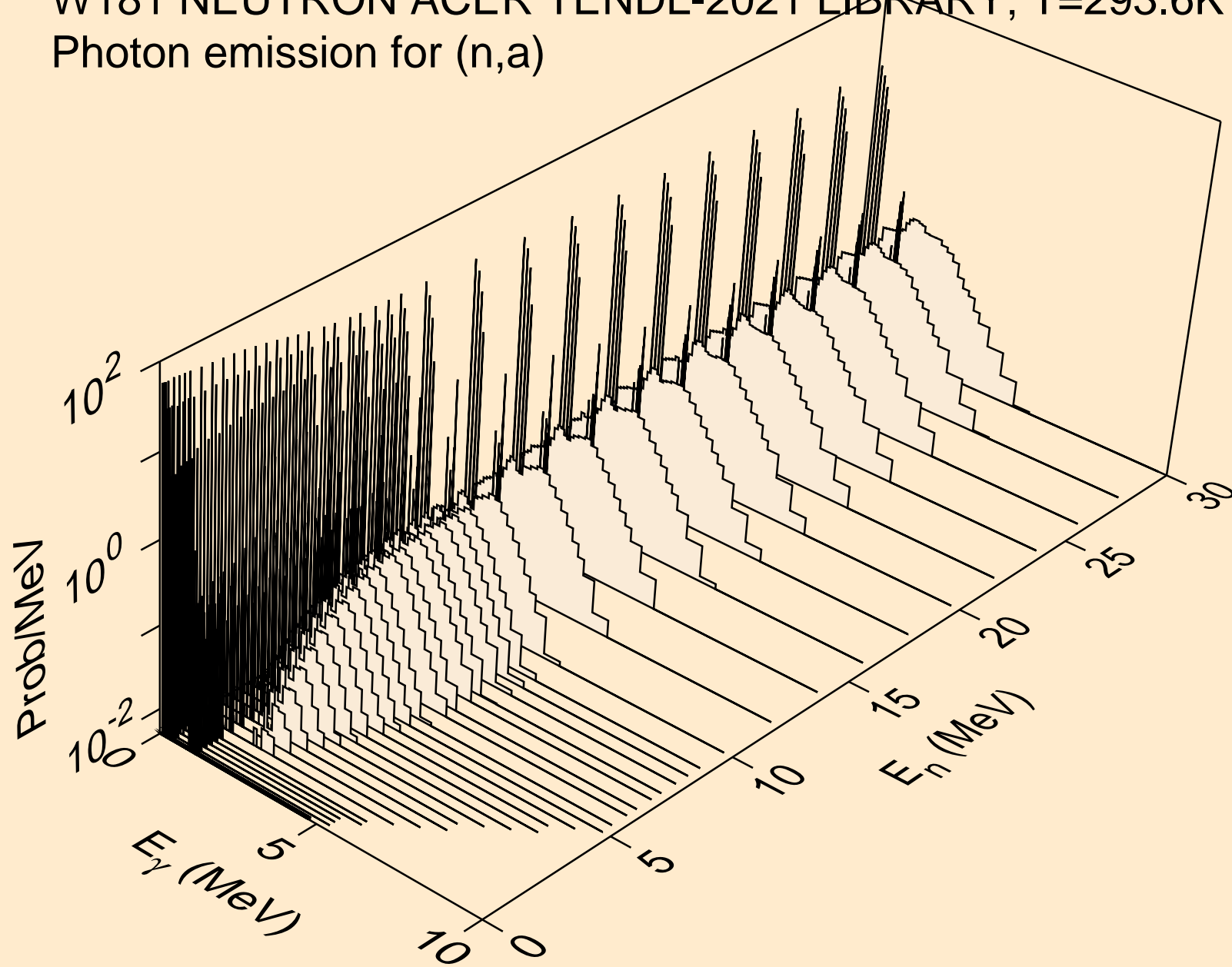
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



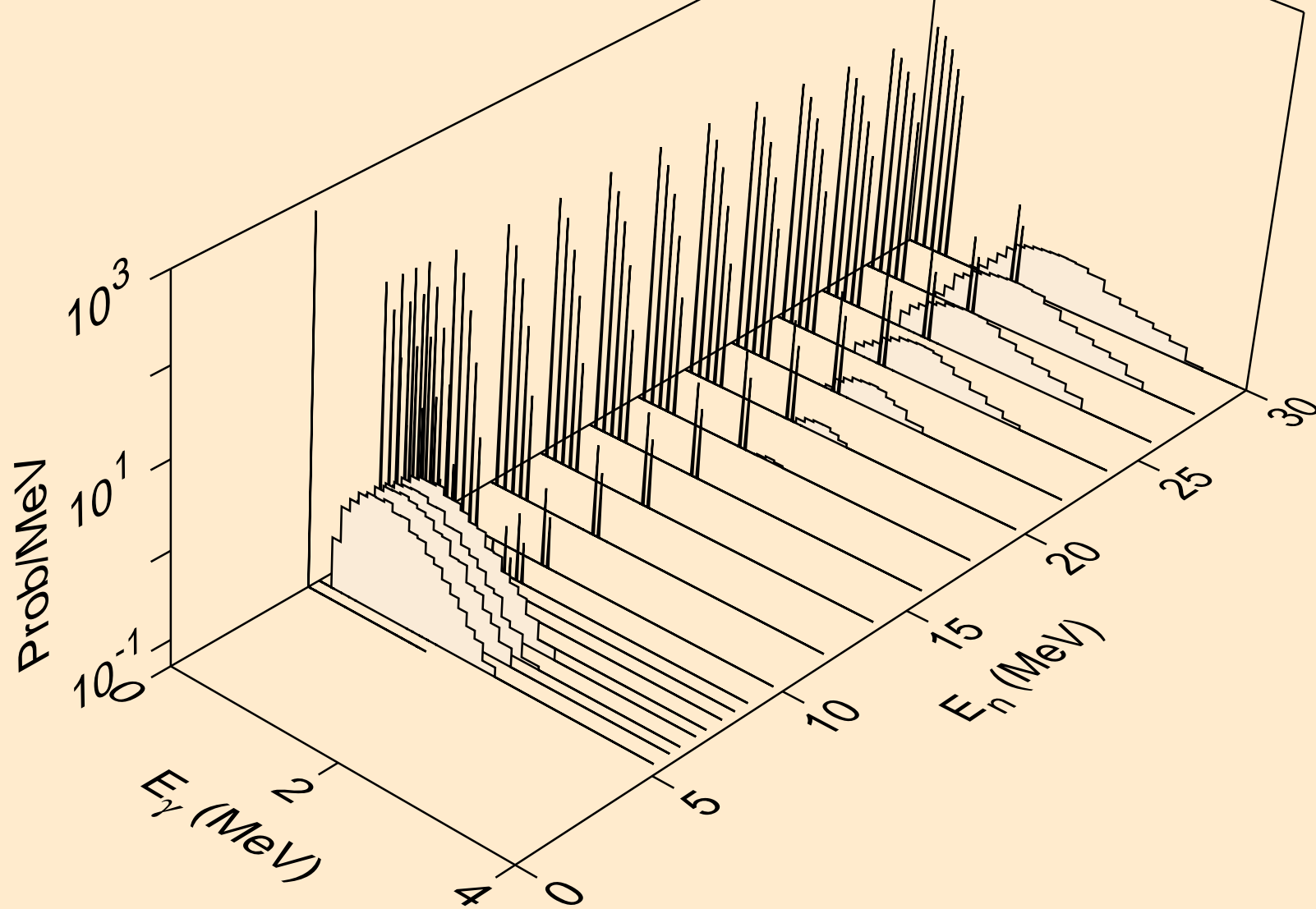
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



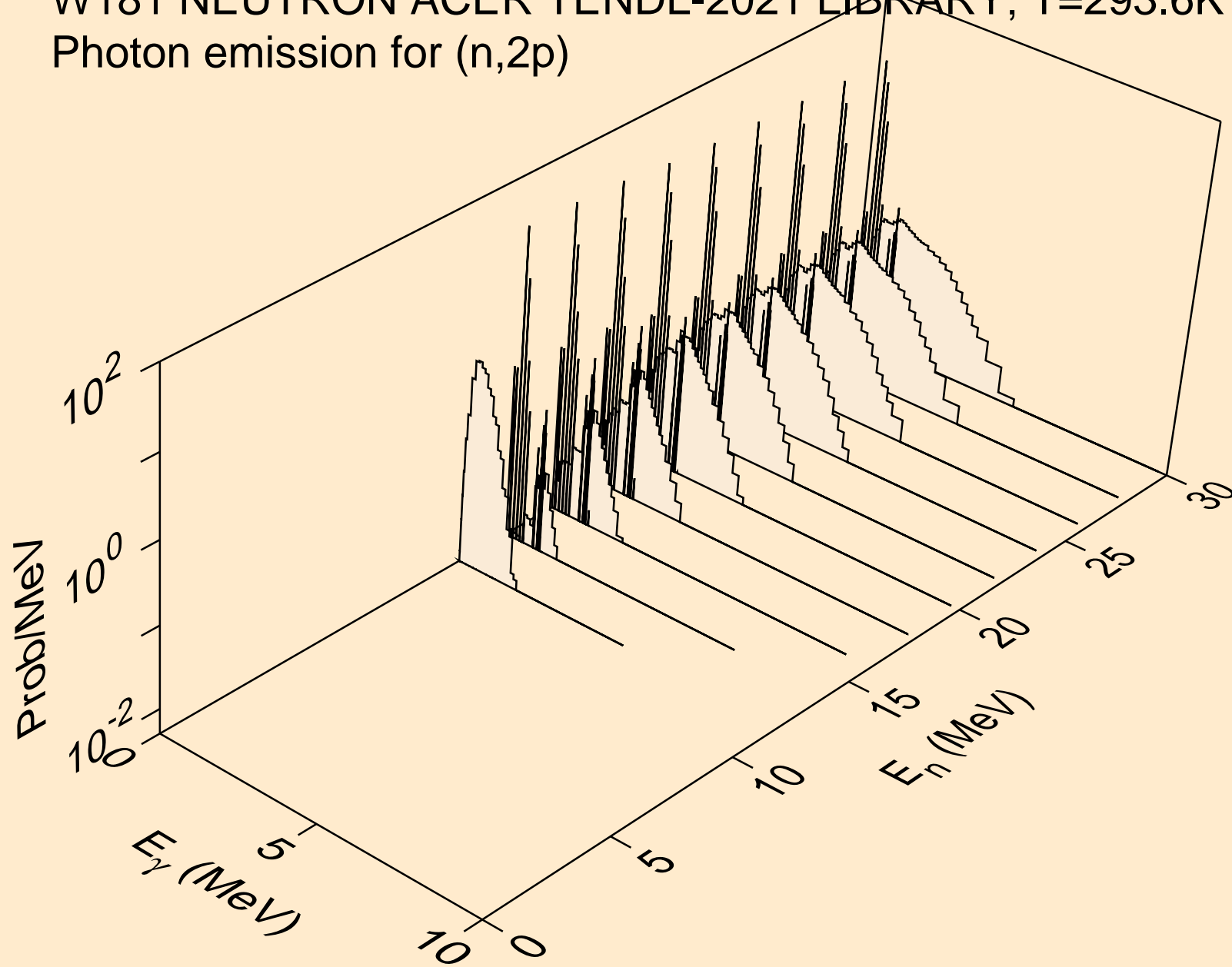
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



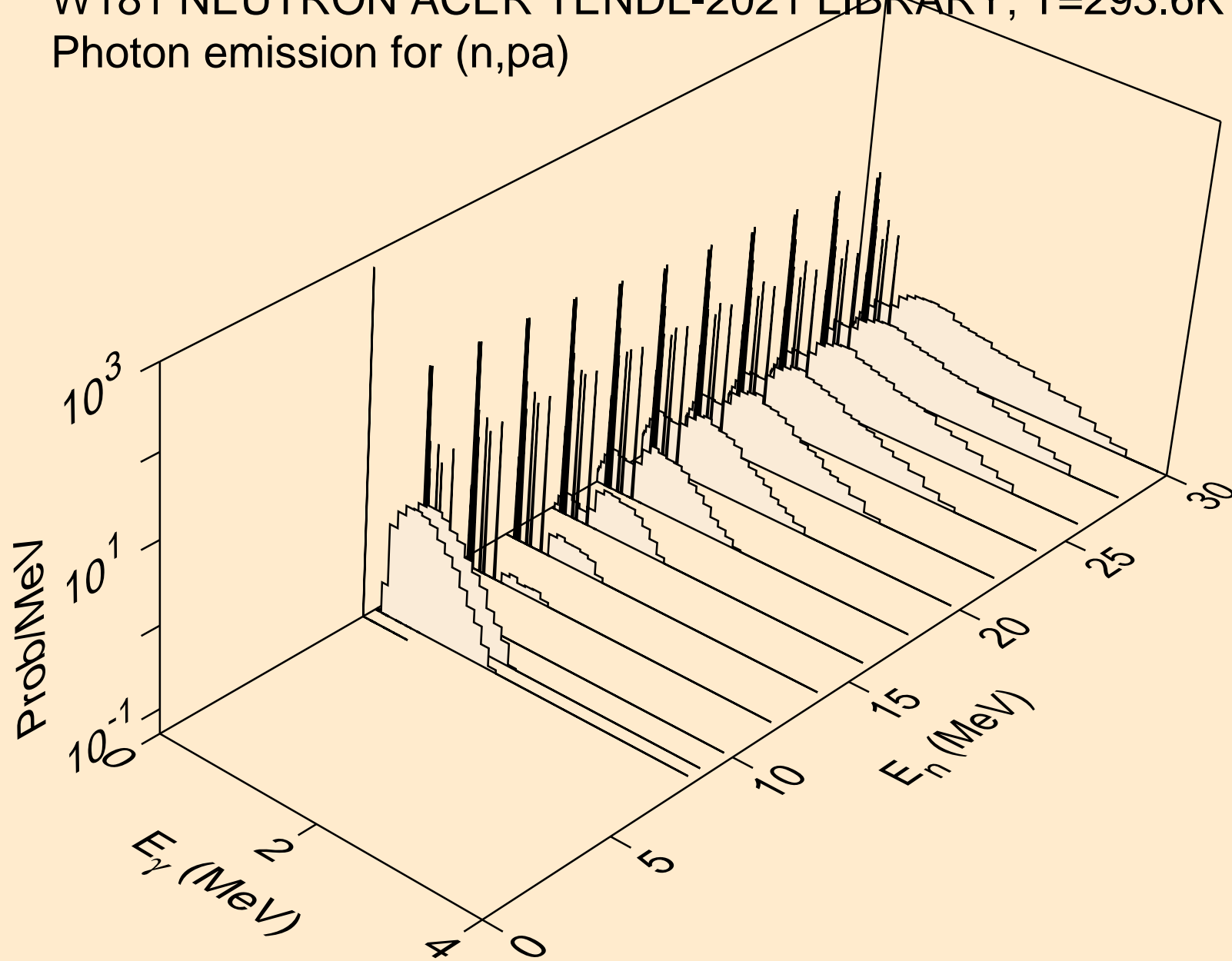
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

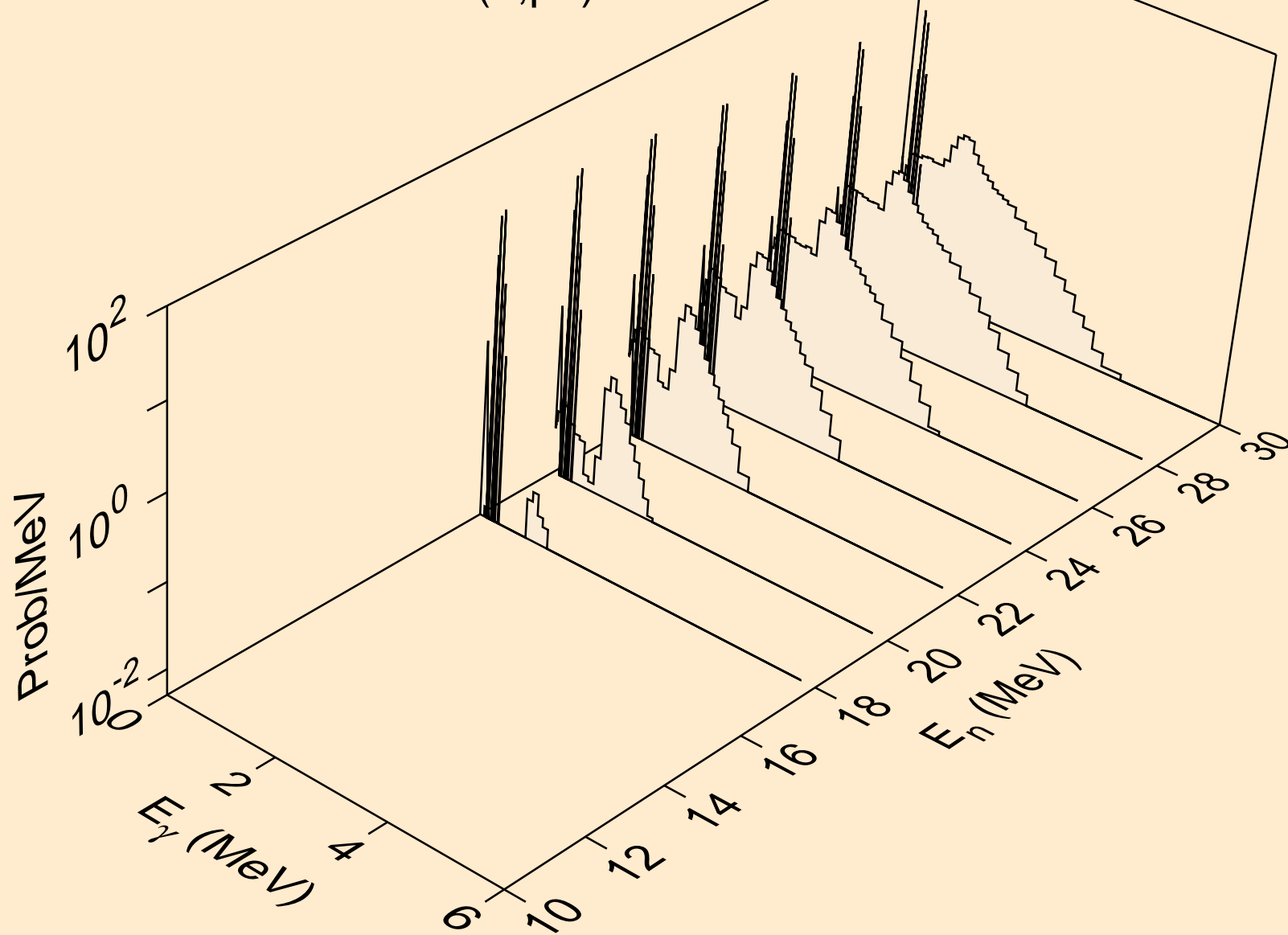


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

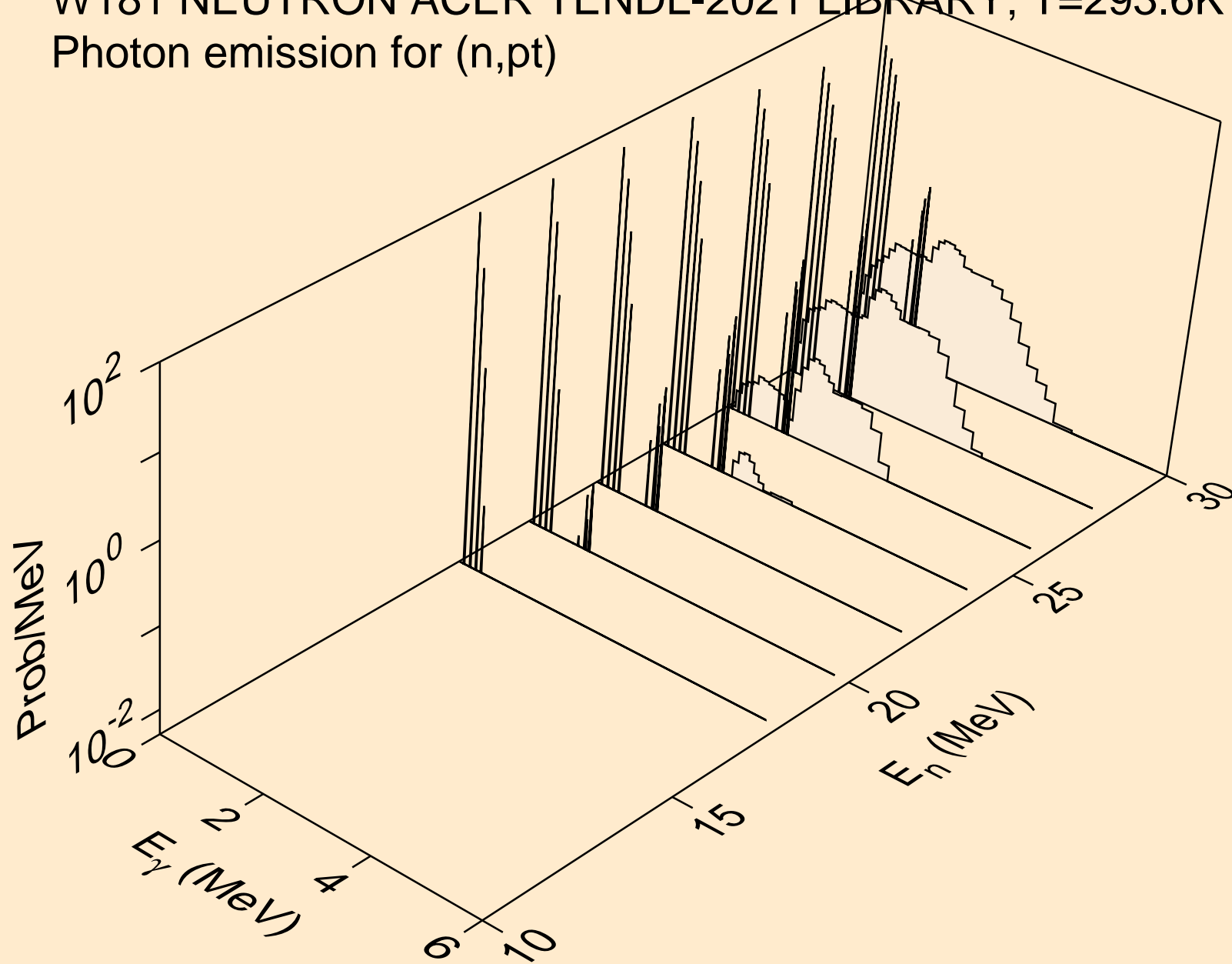




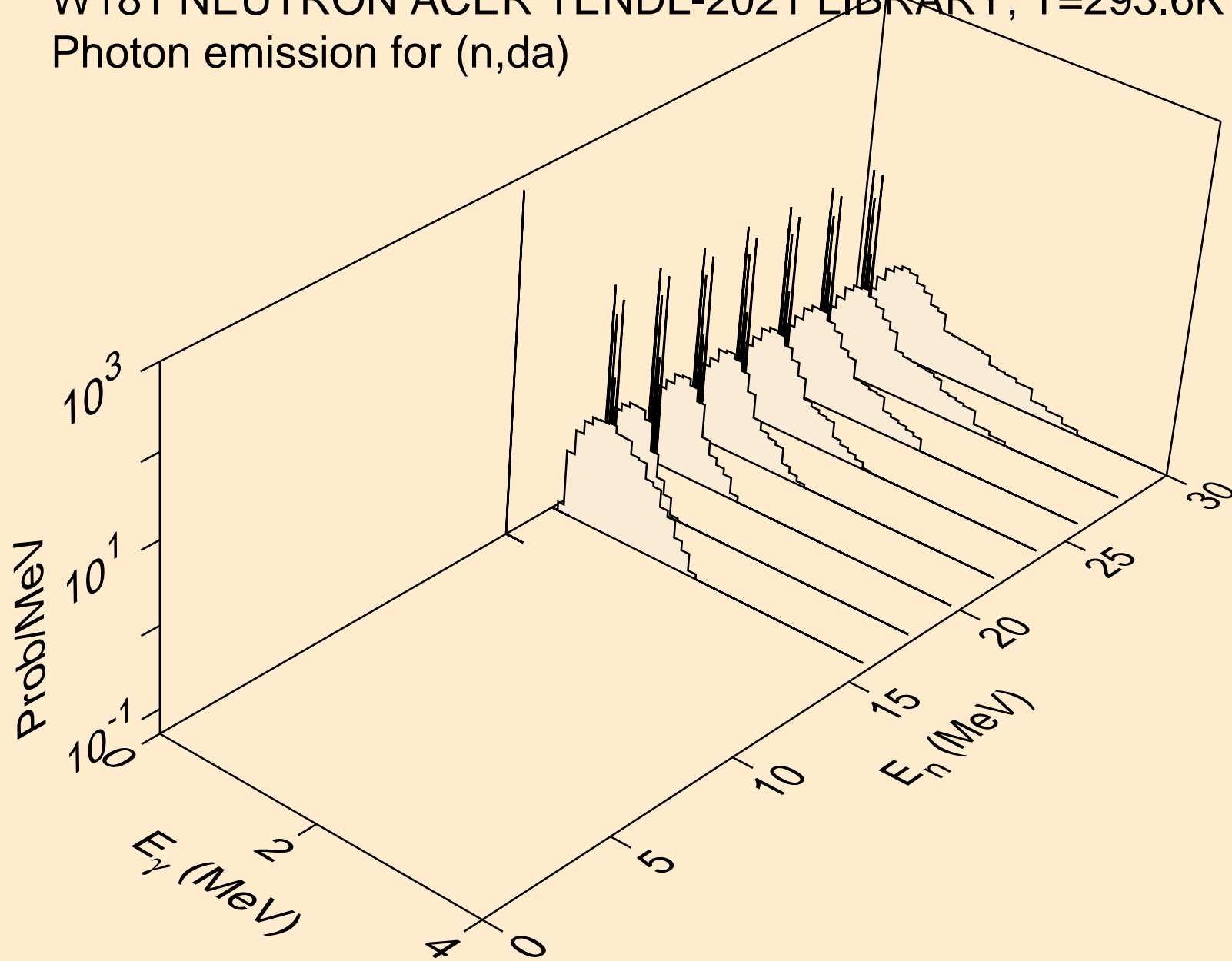
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



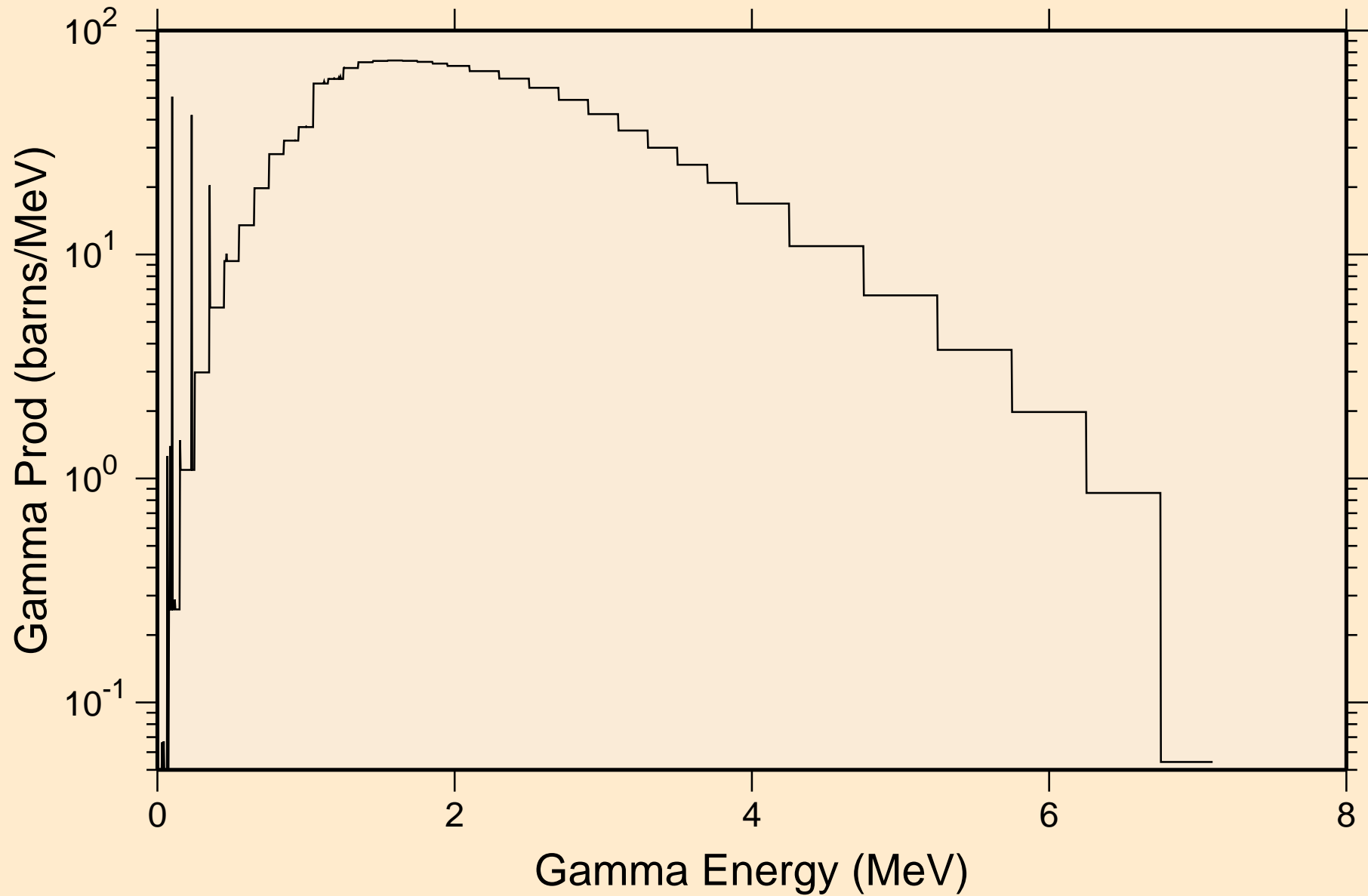
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



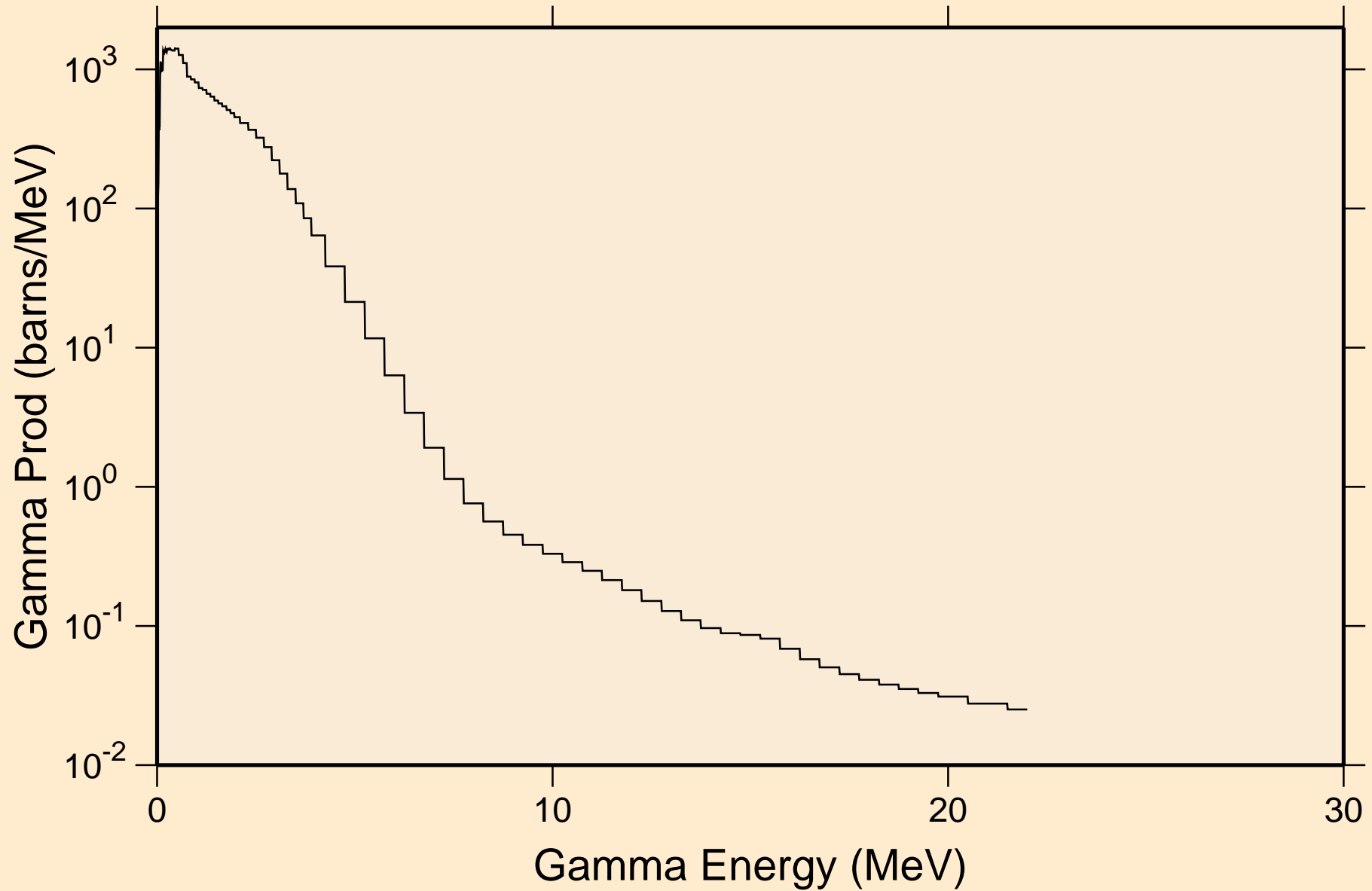
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

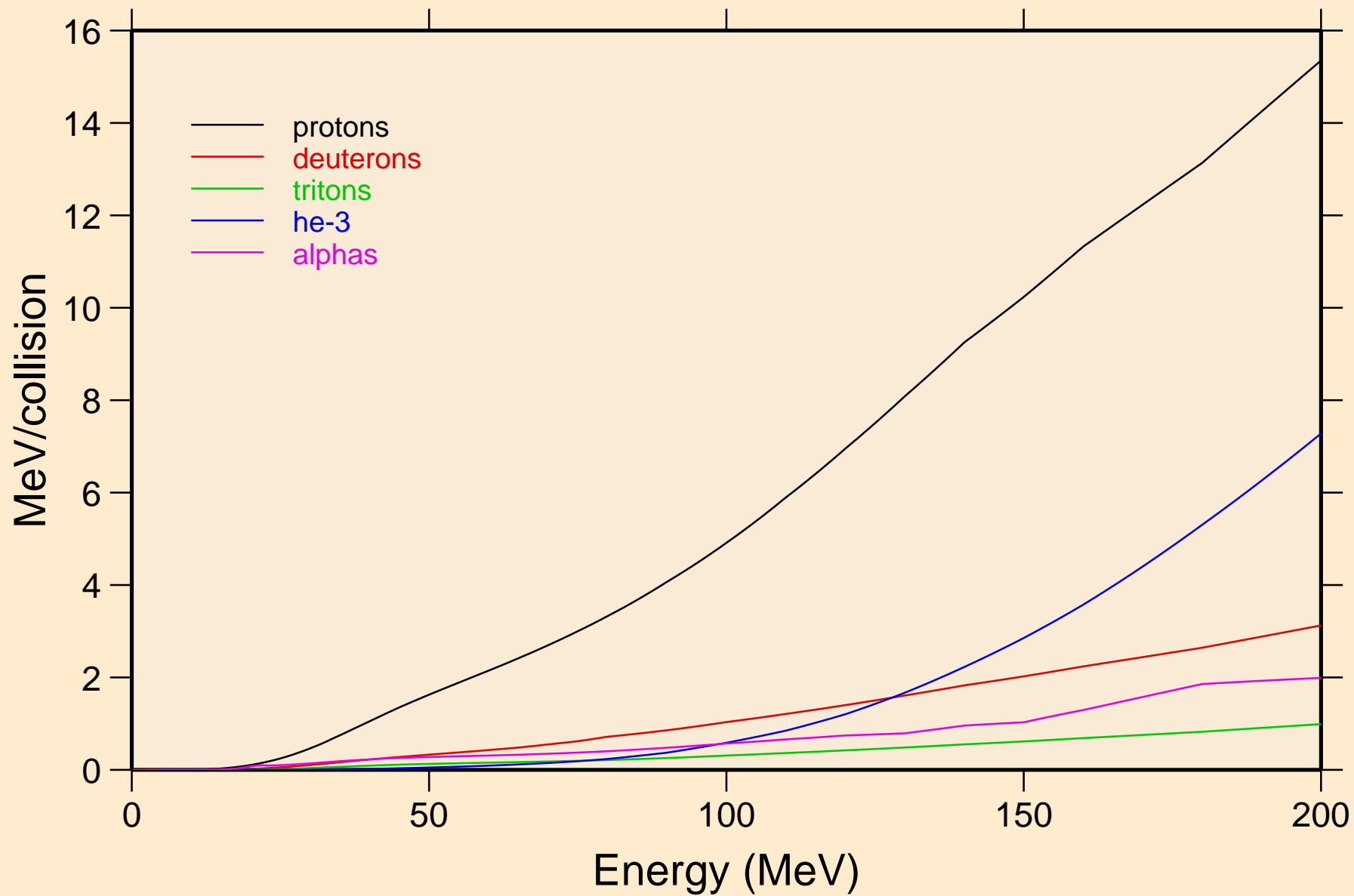


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

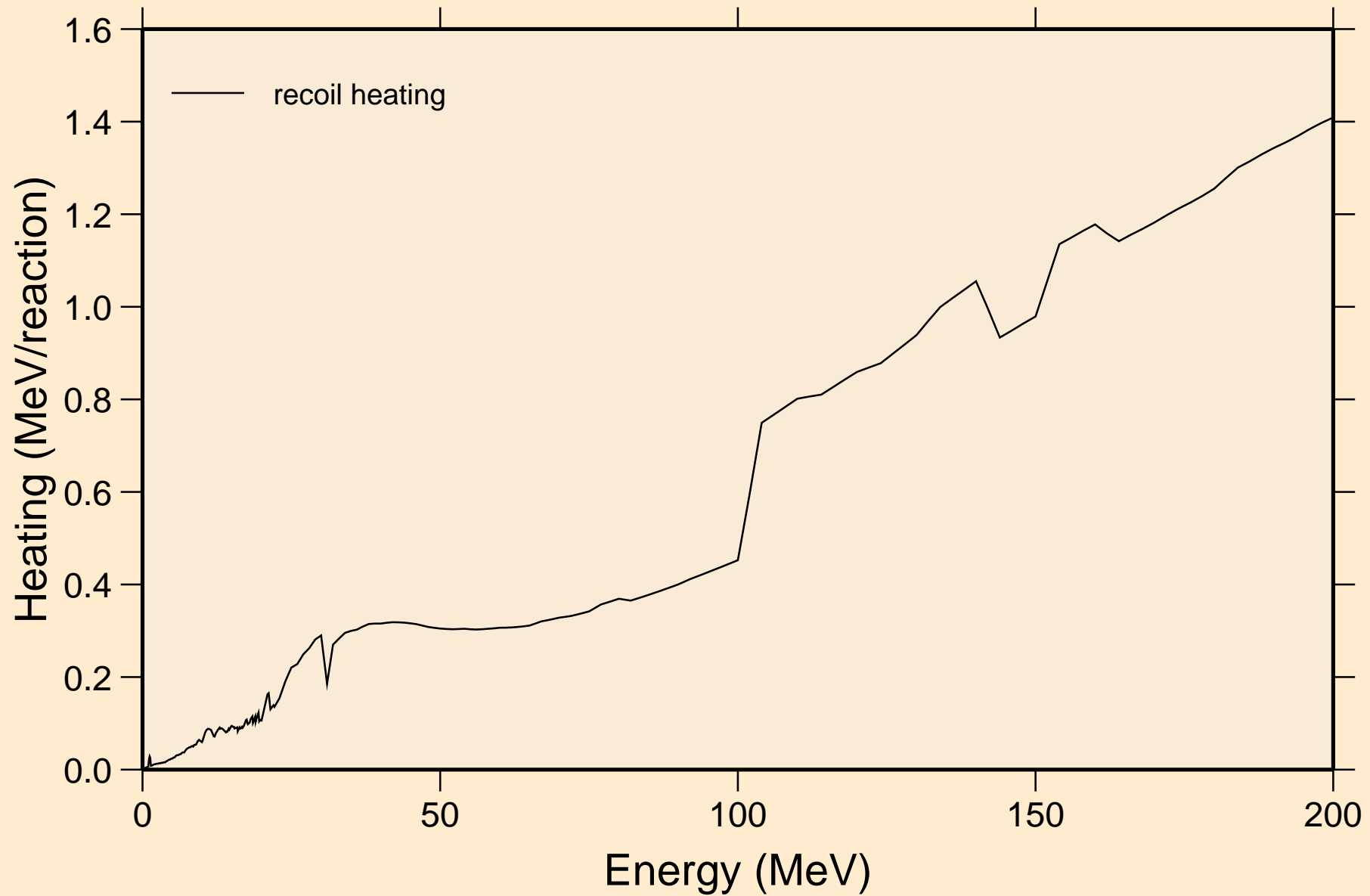


# W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

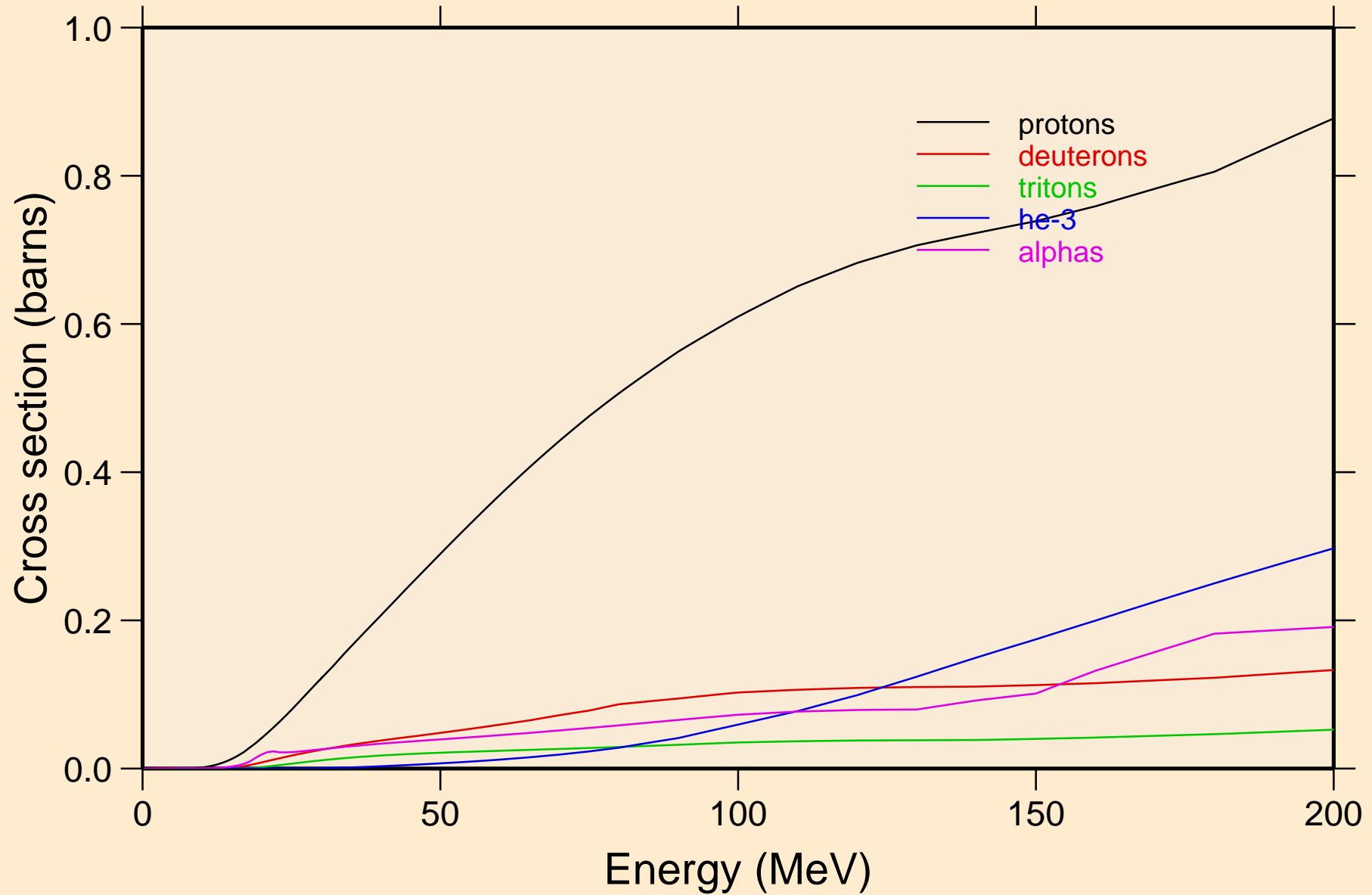
## Particle heating contributions



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

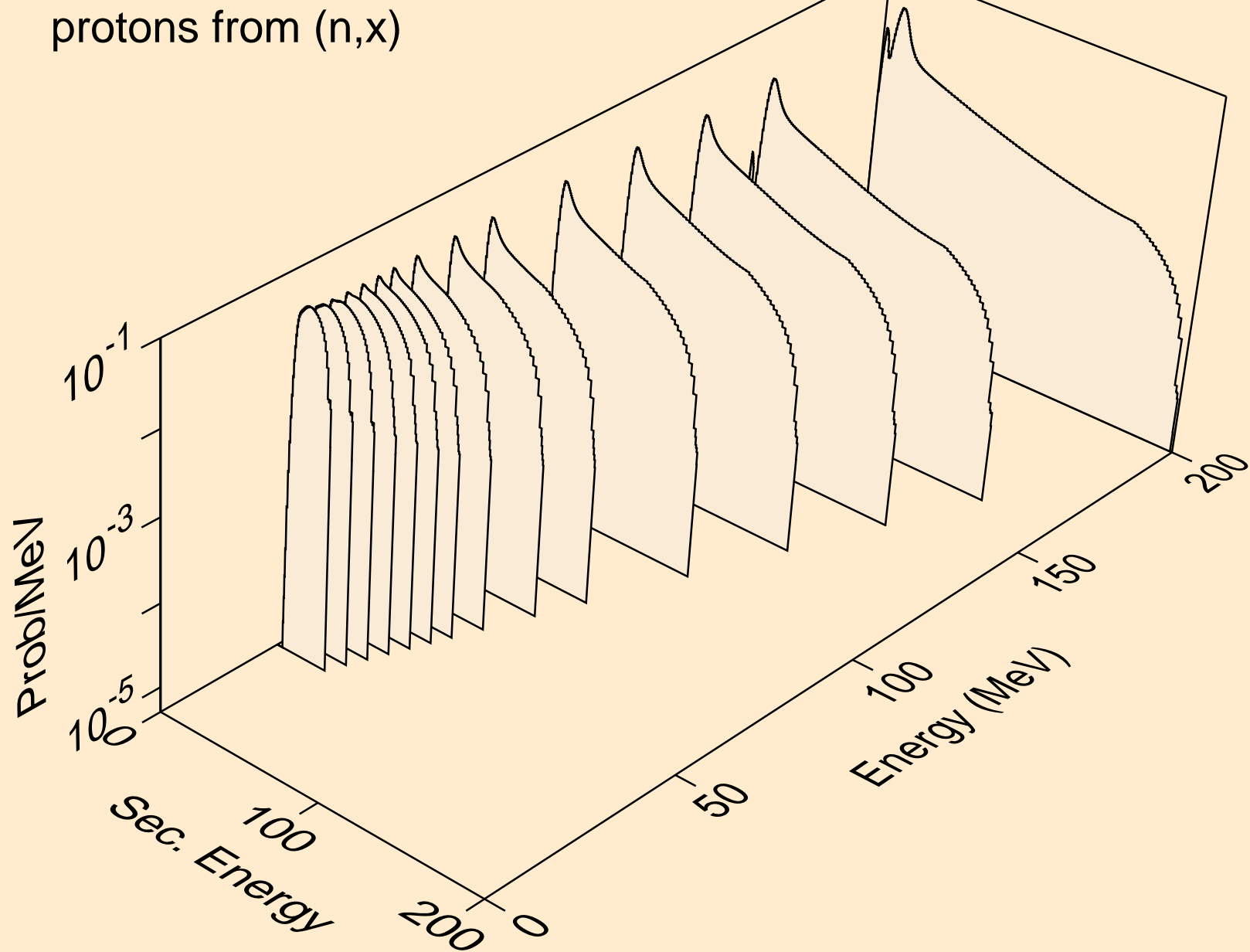


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

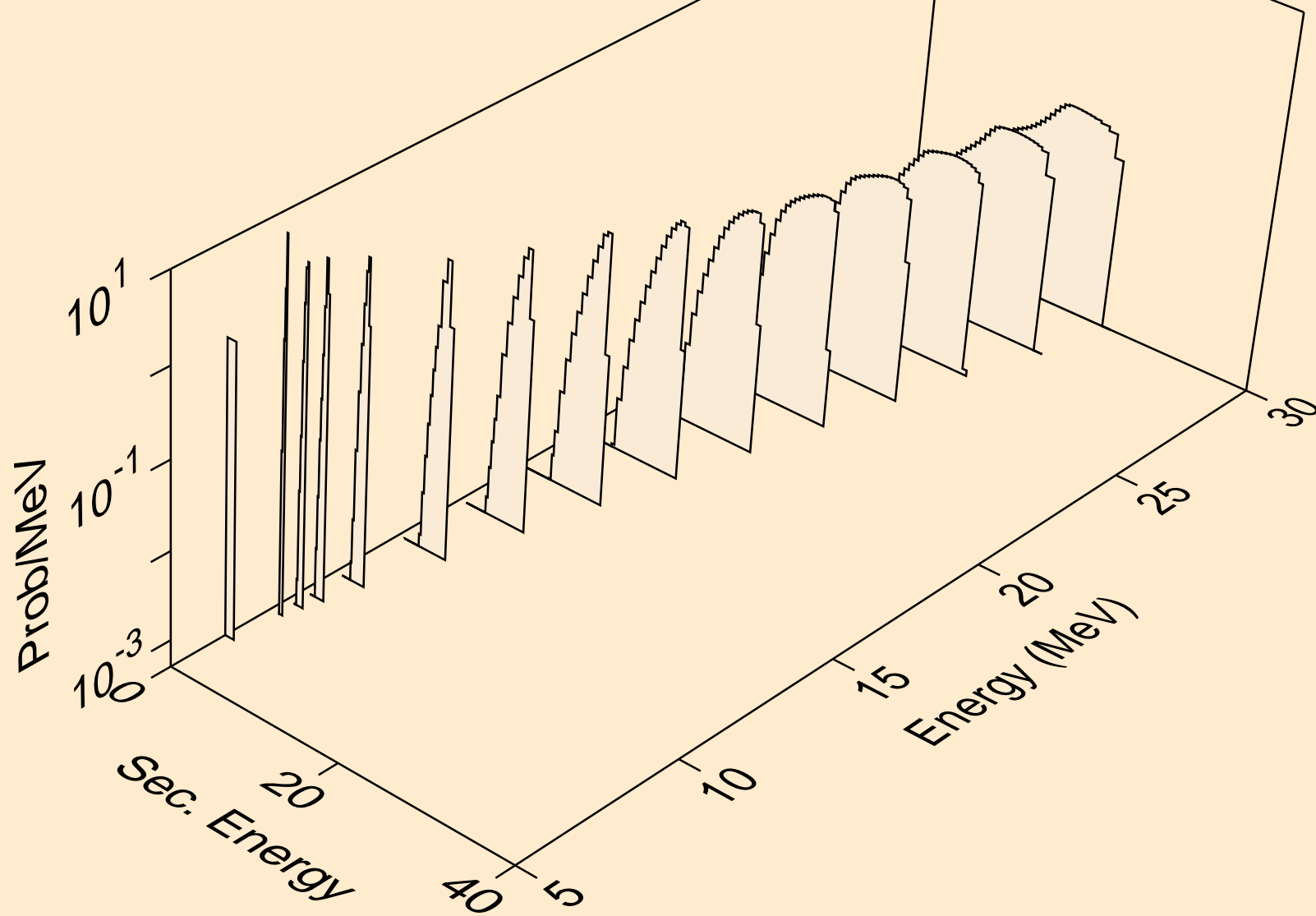




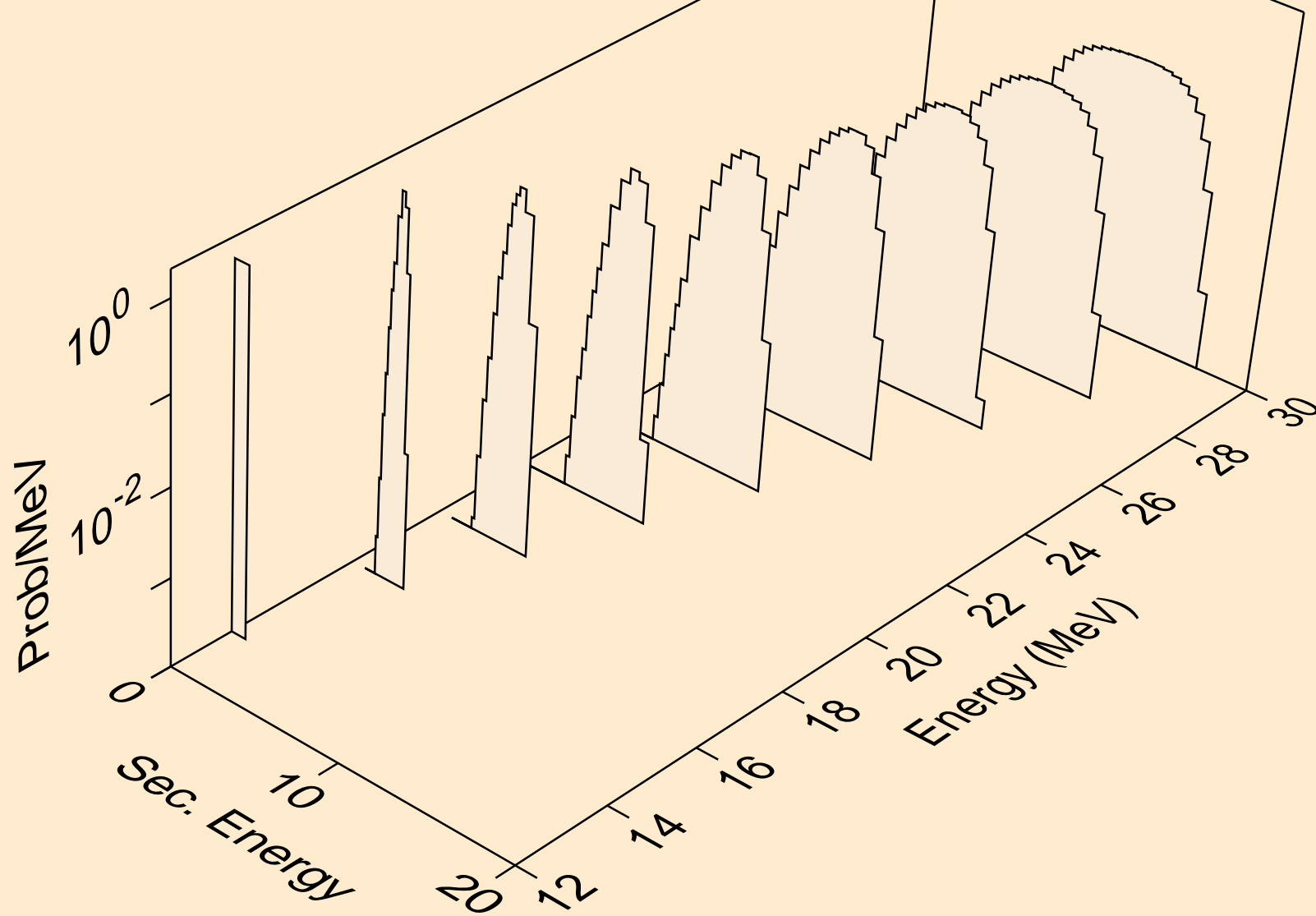
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



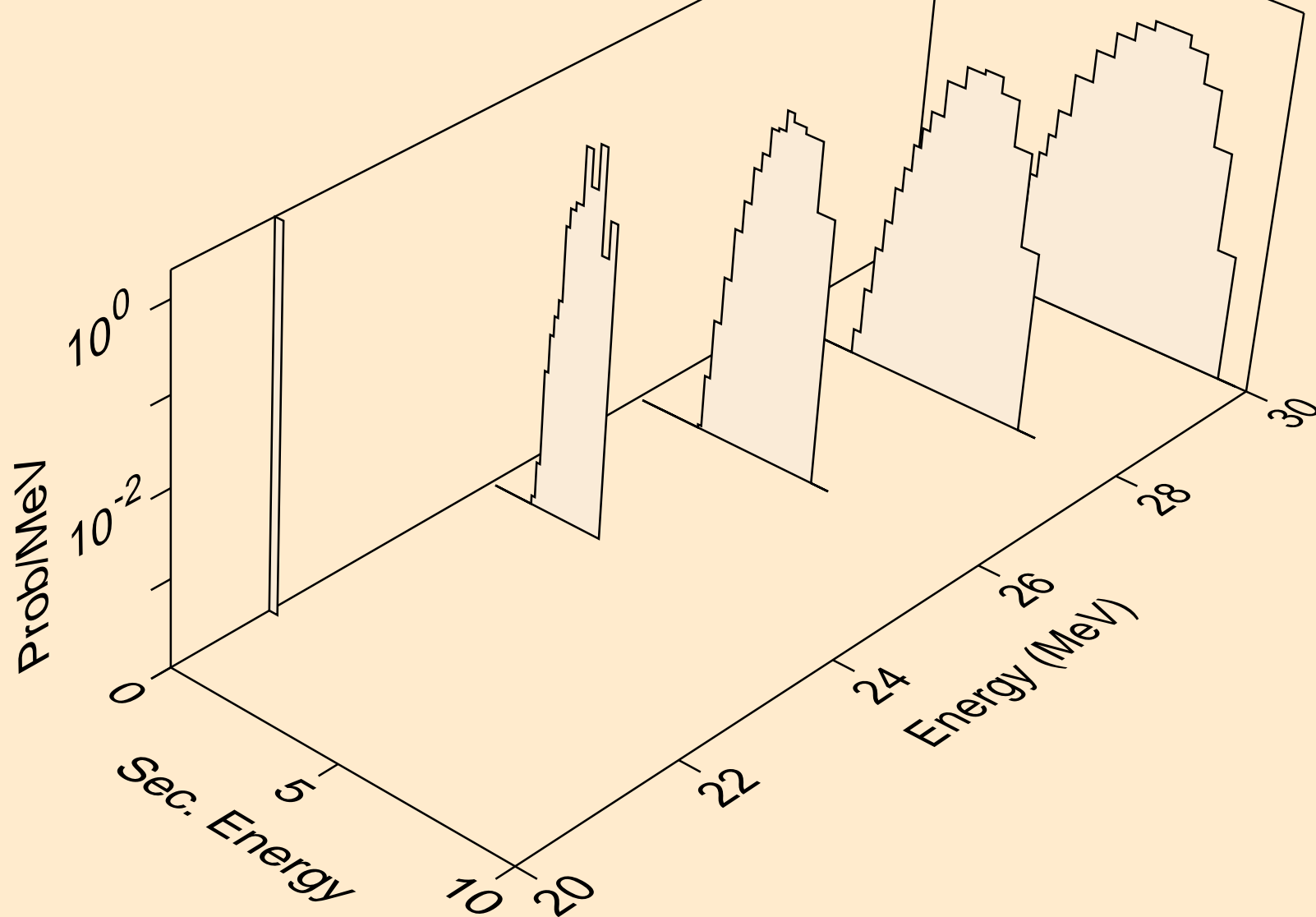
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



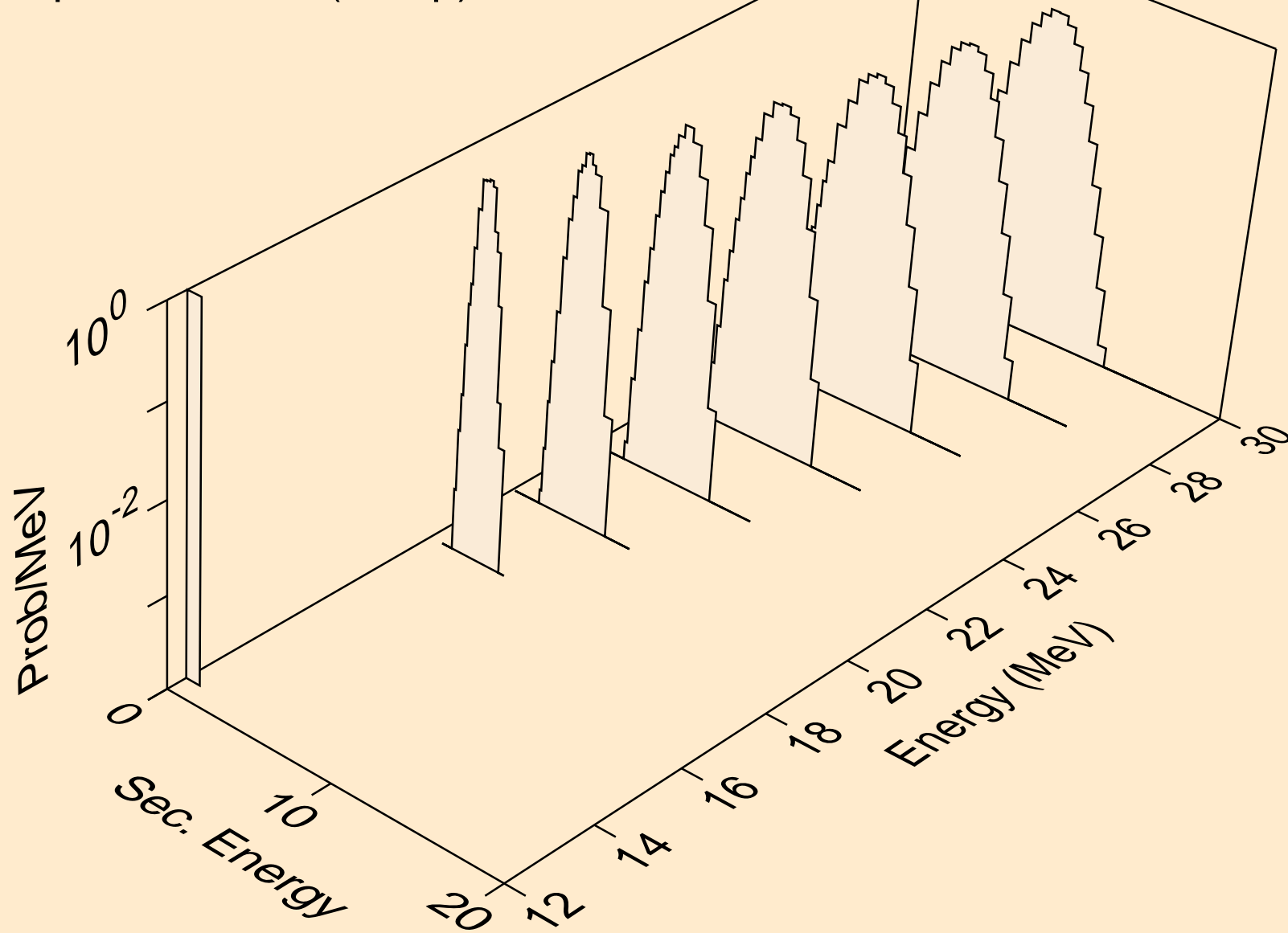
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



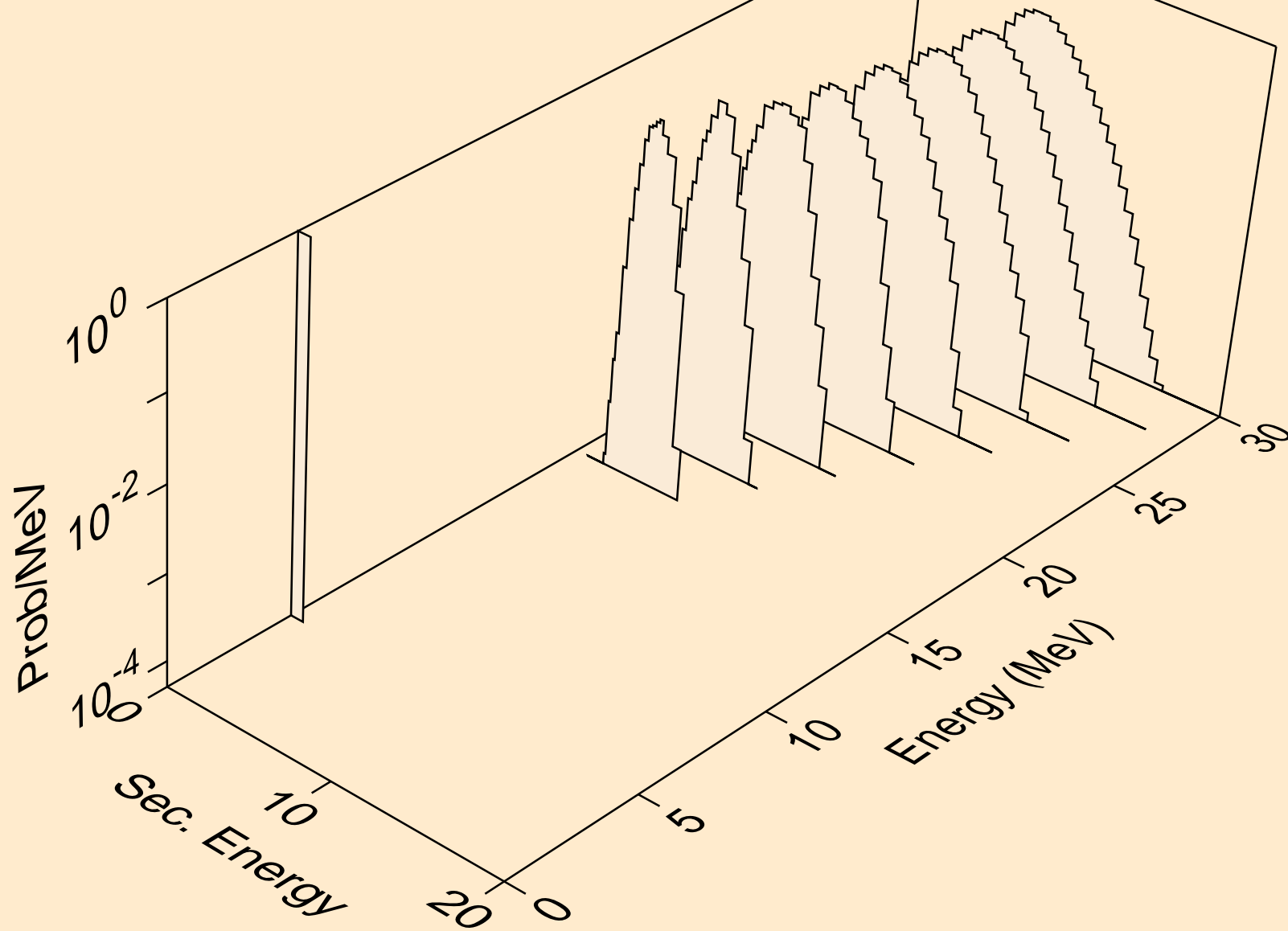
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



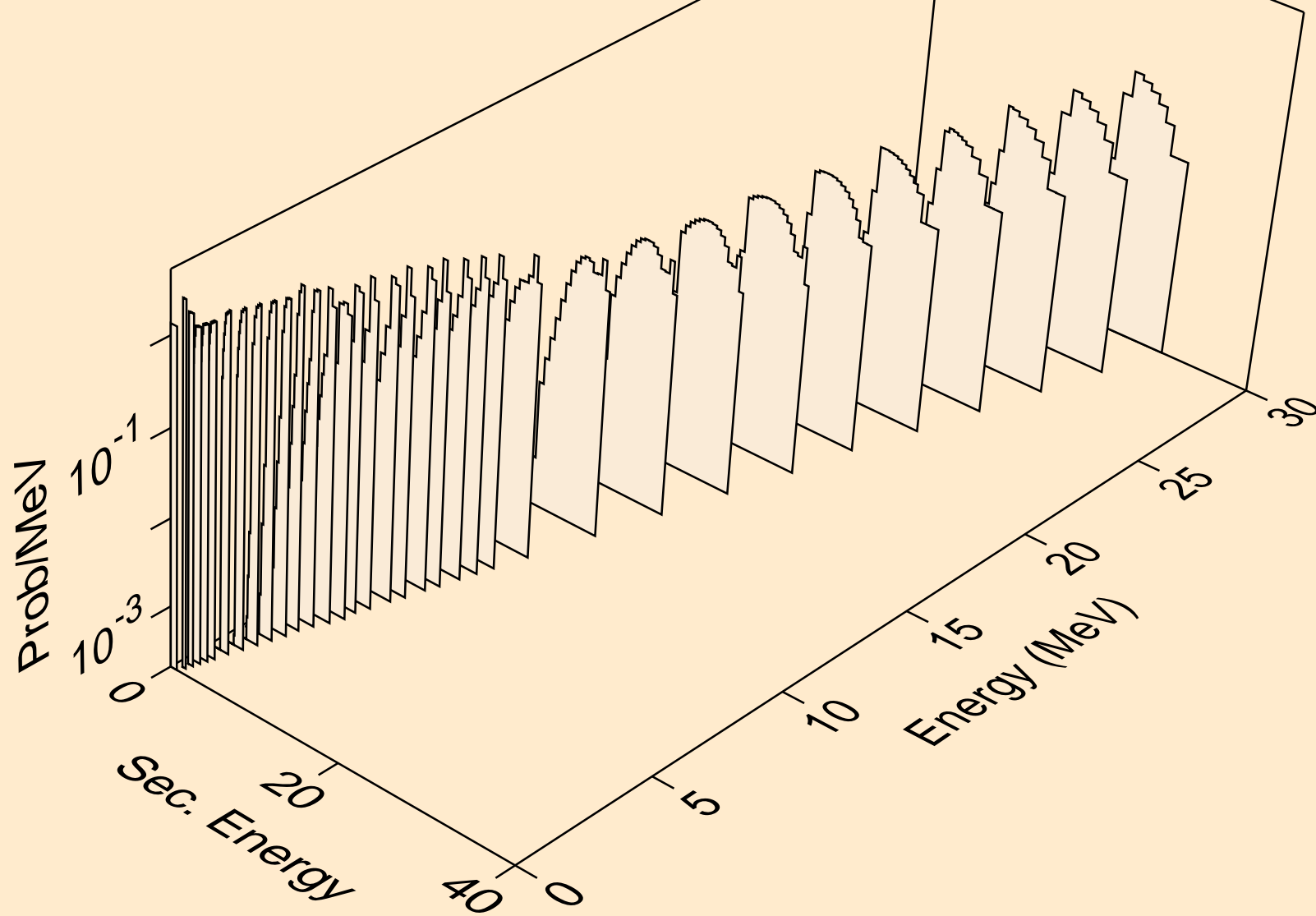
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



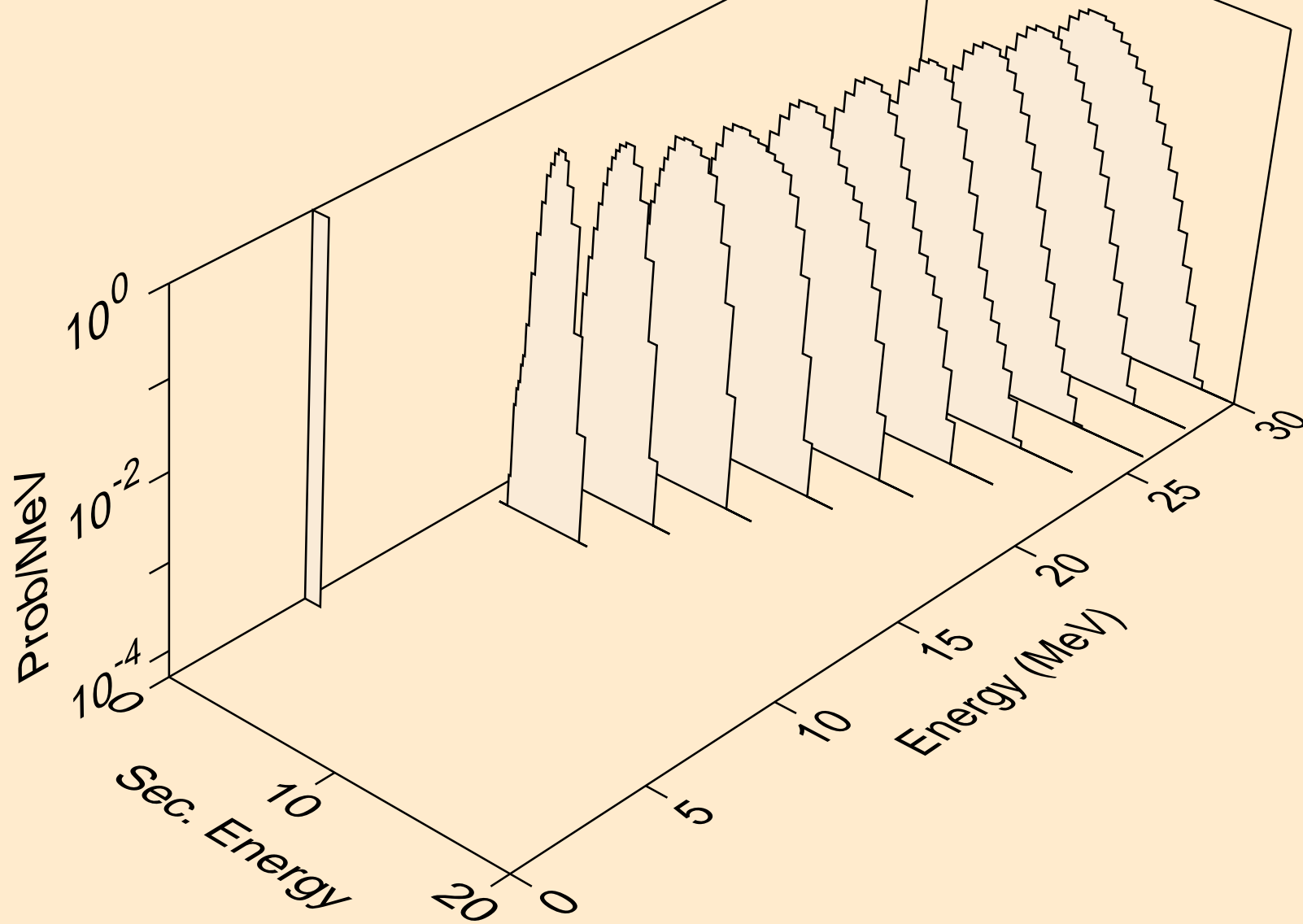
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

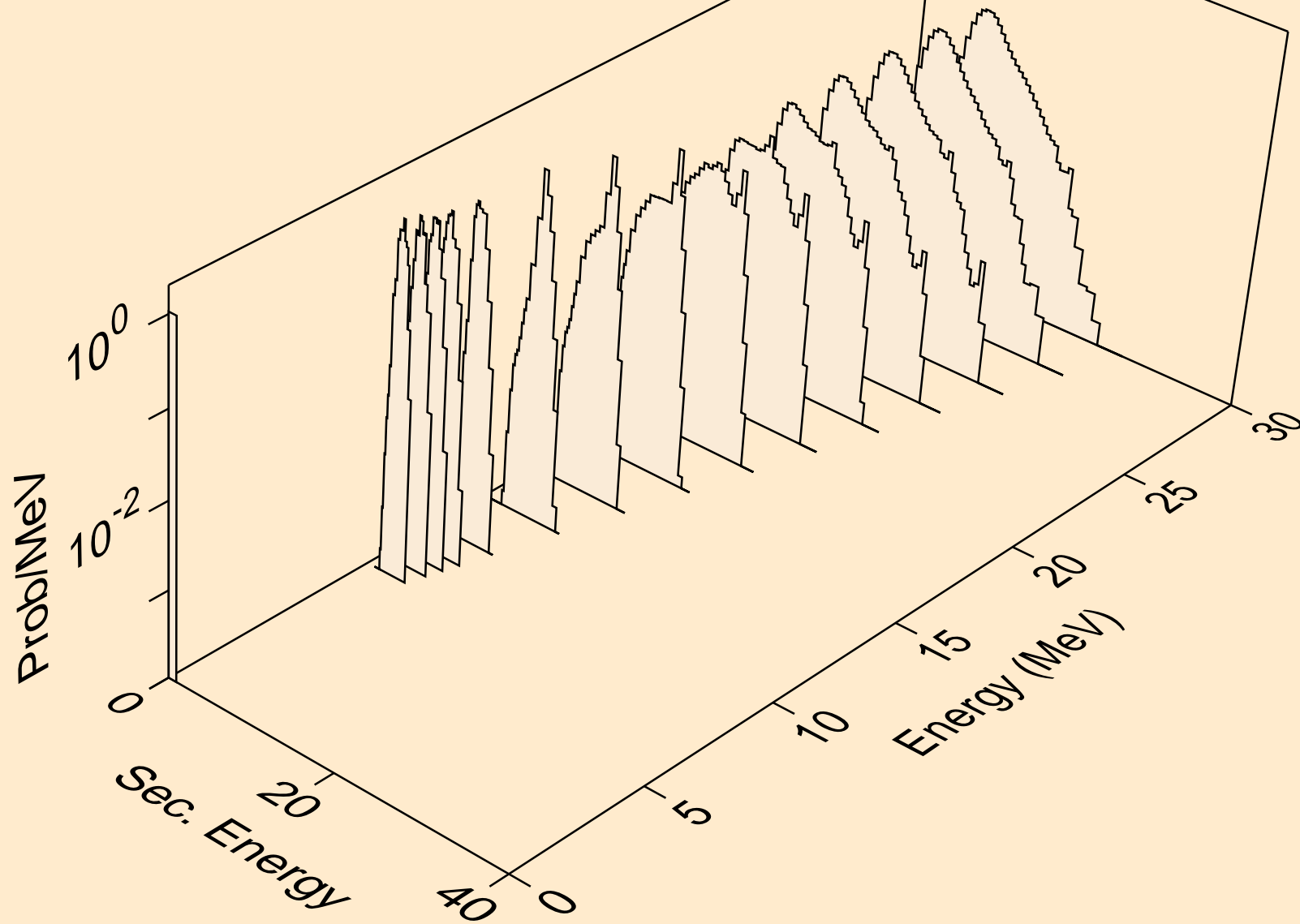


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)

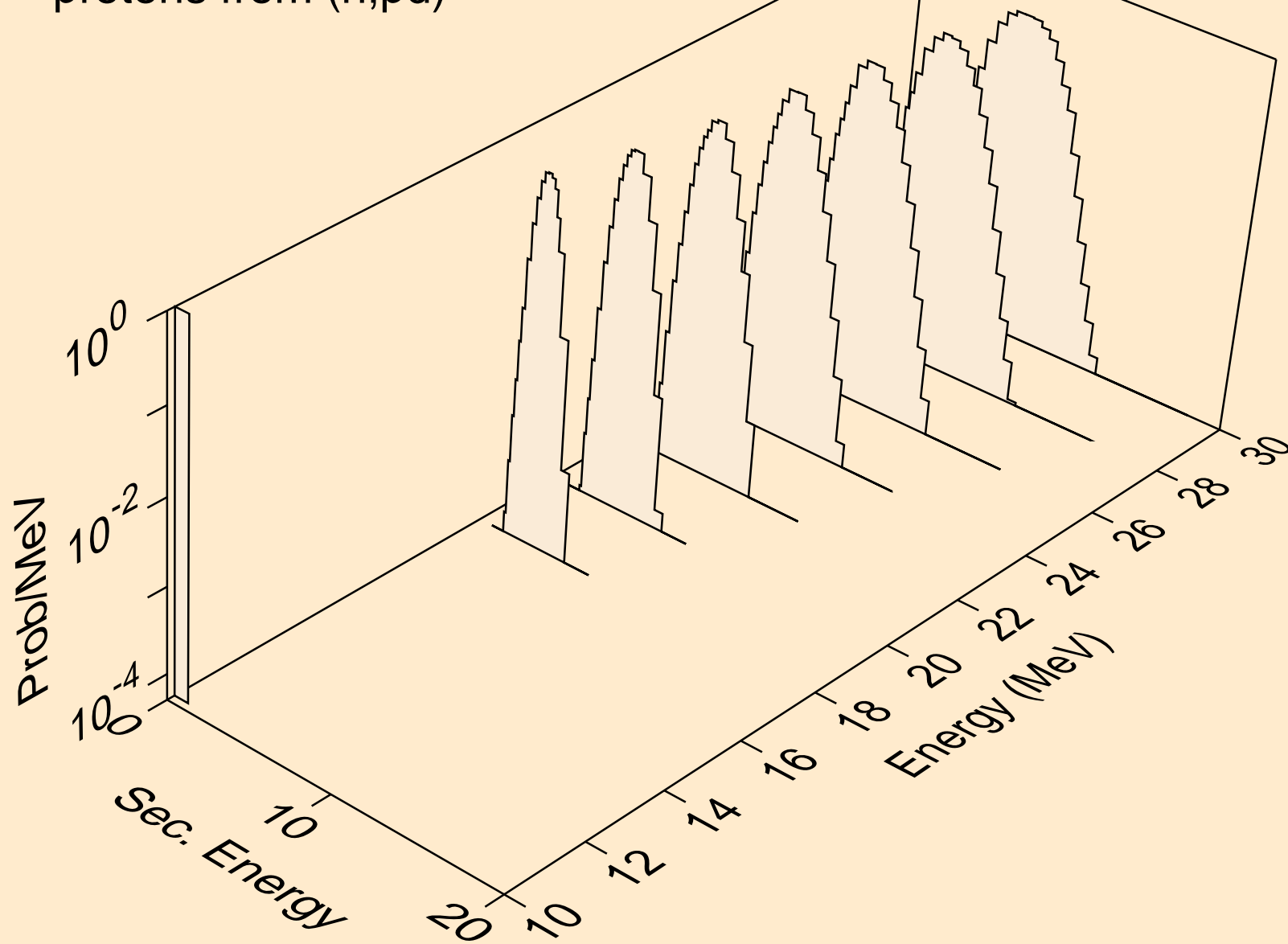




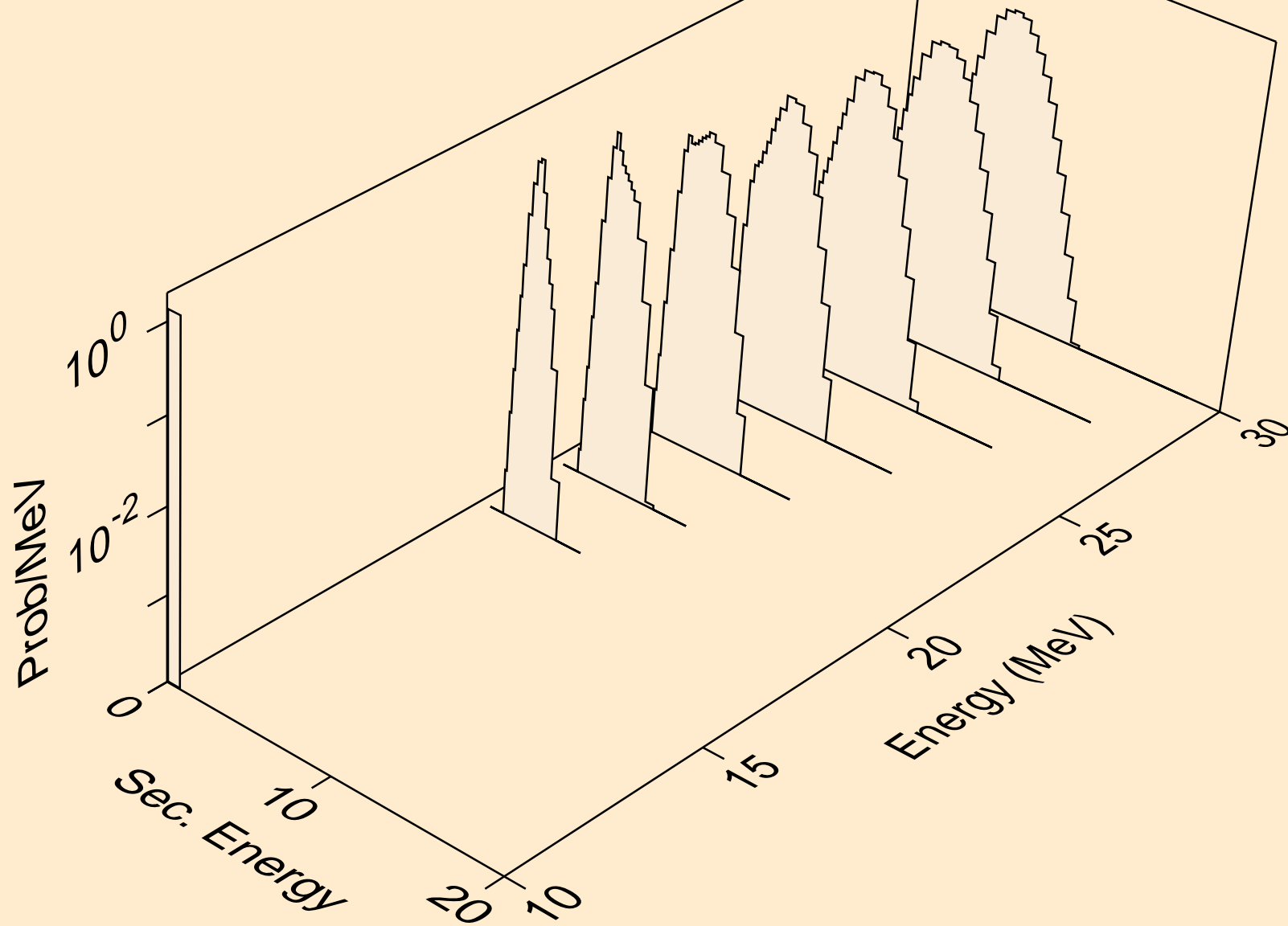
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



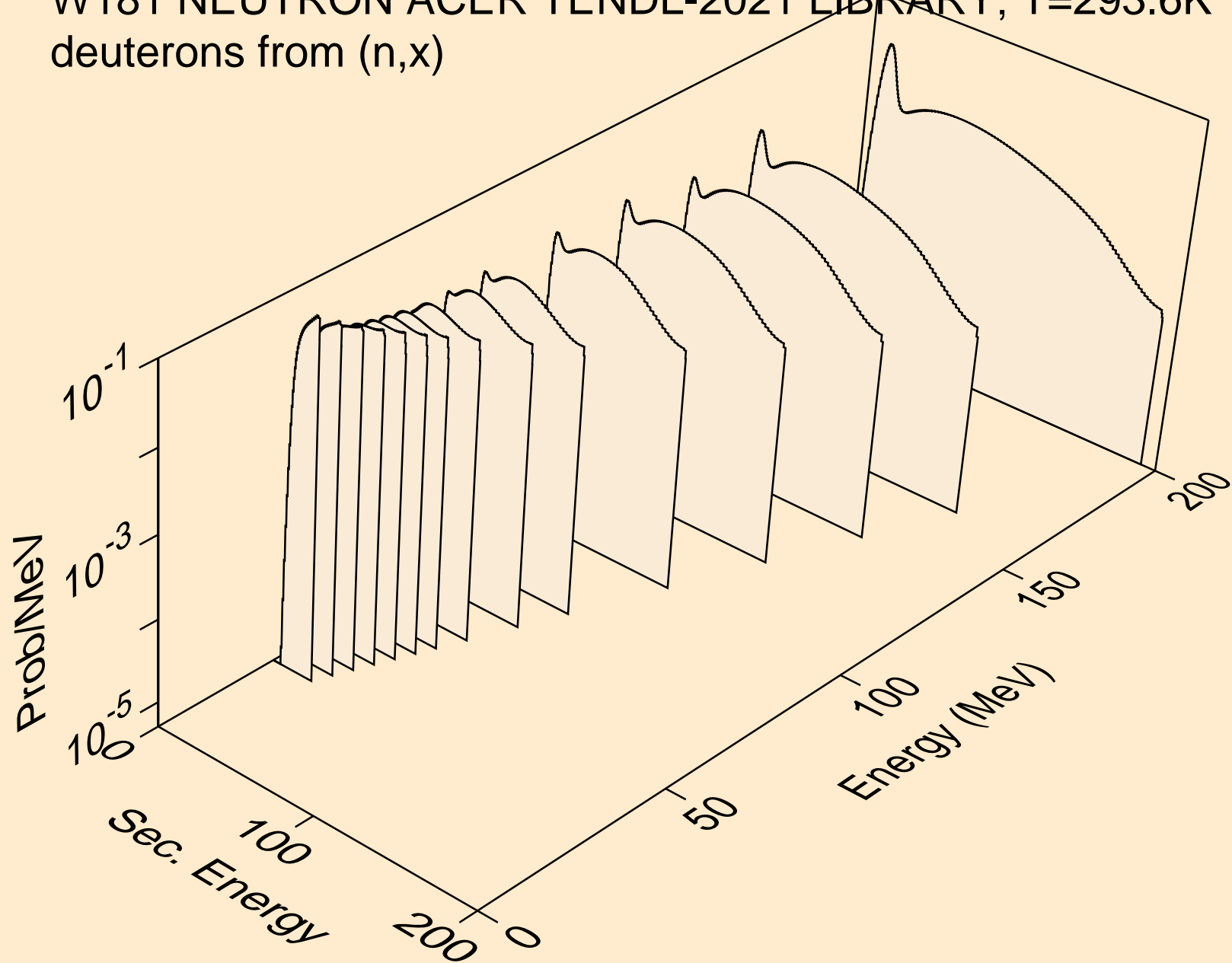
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)



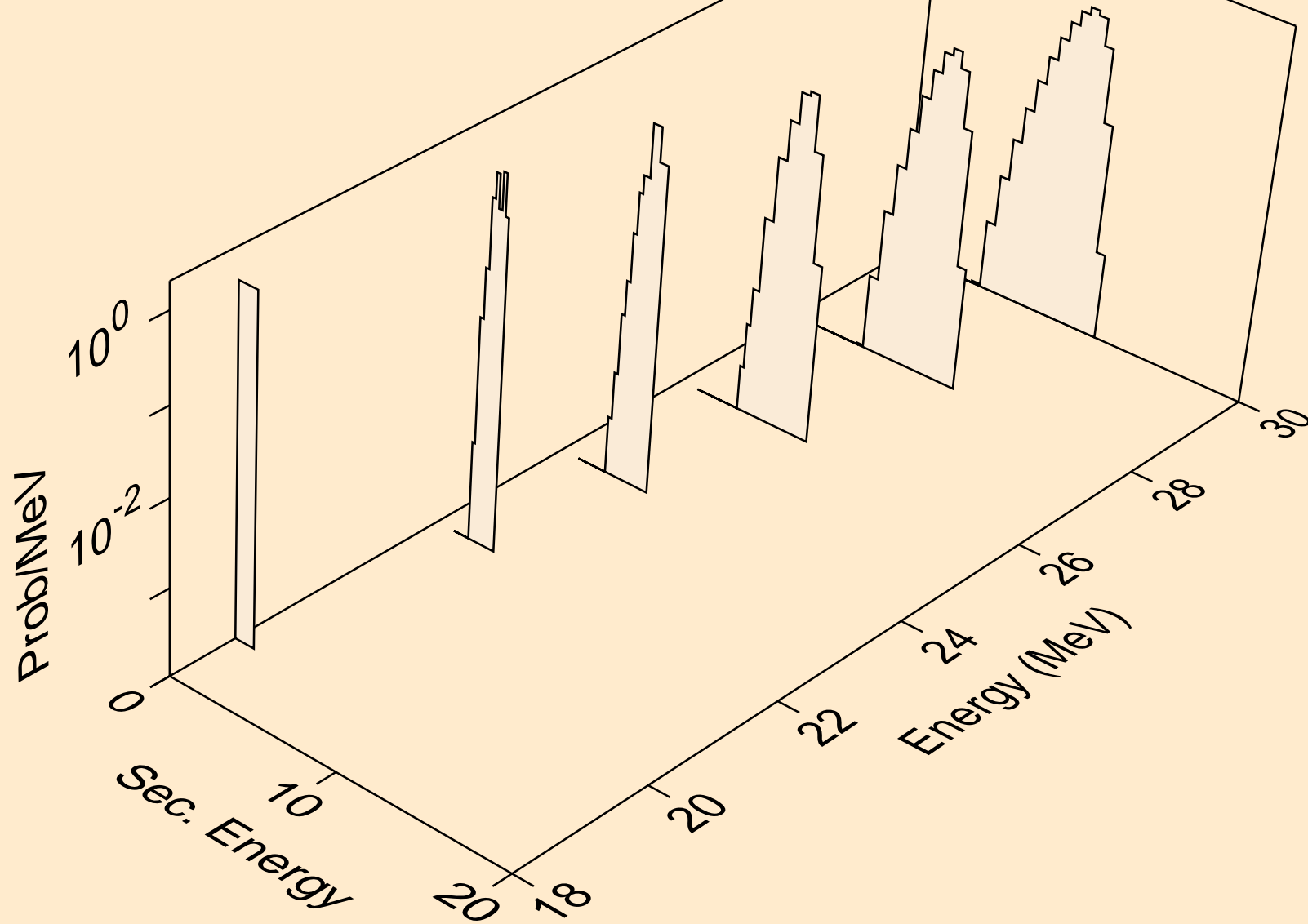
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



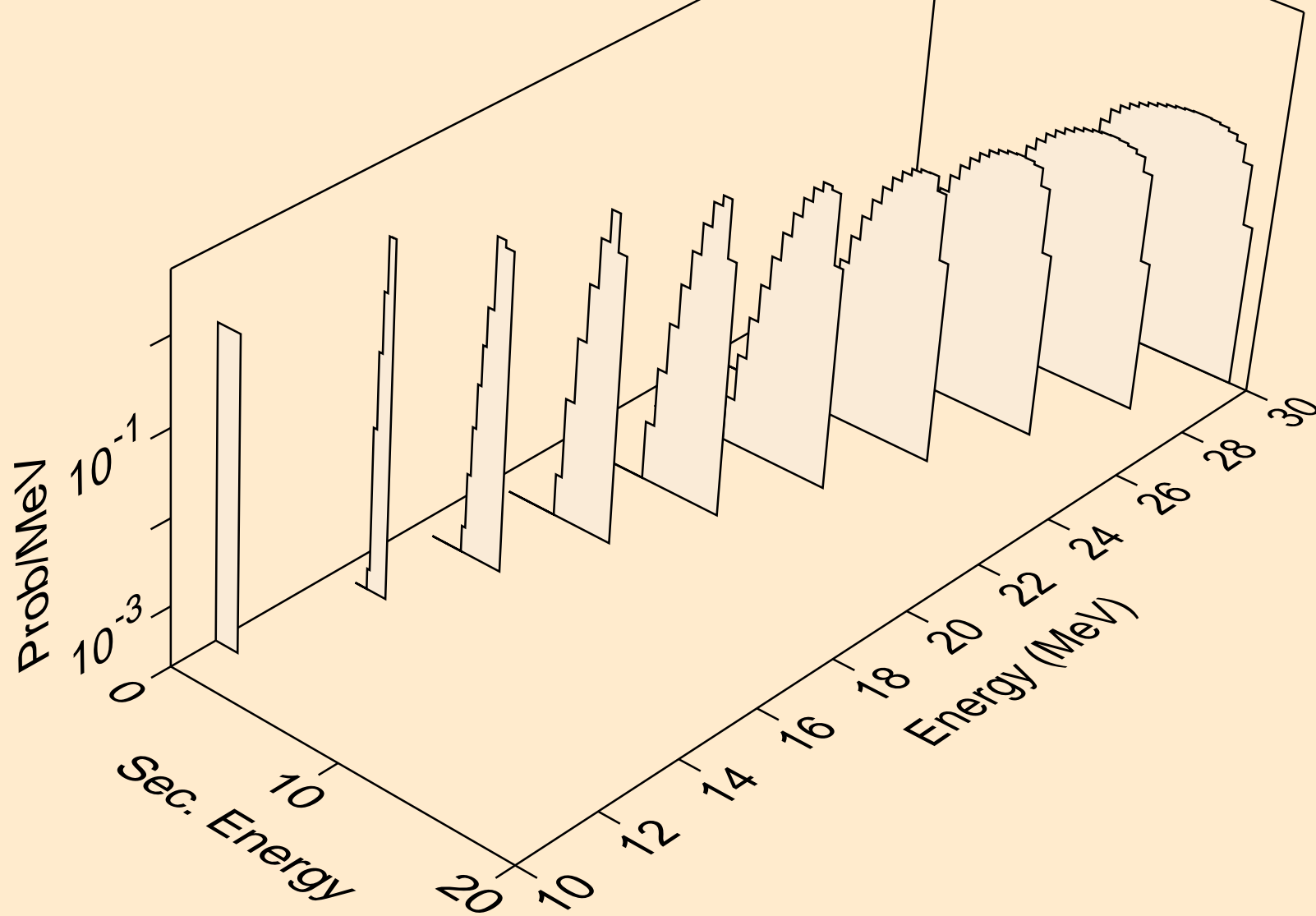
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



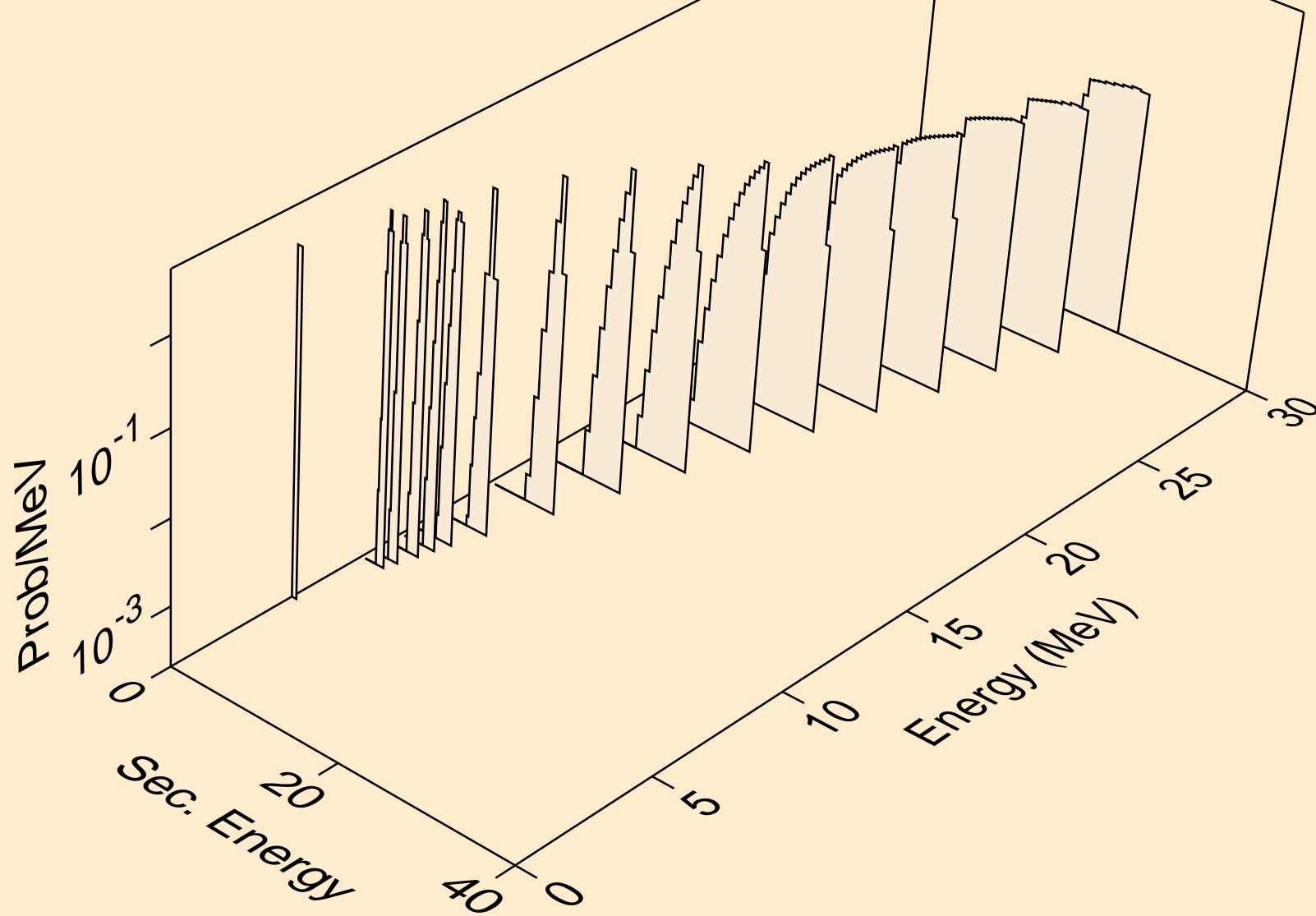
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



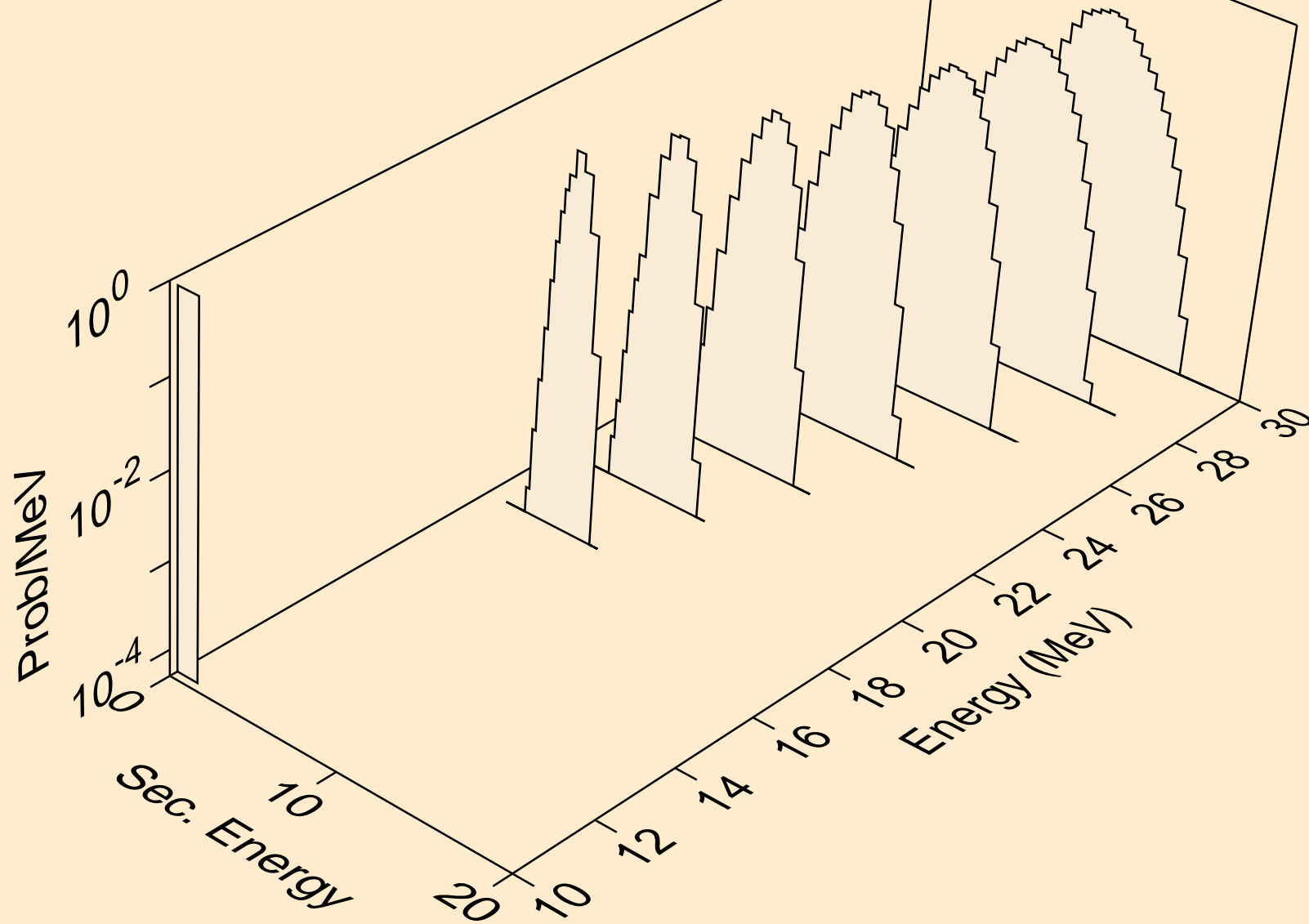
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

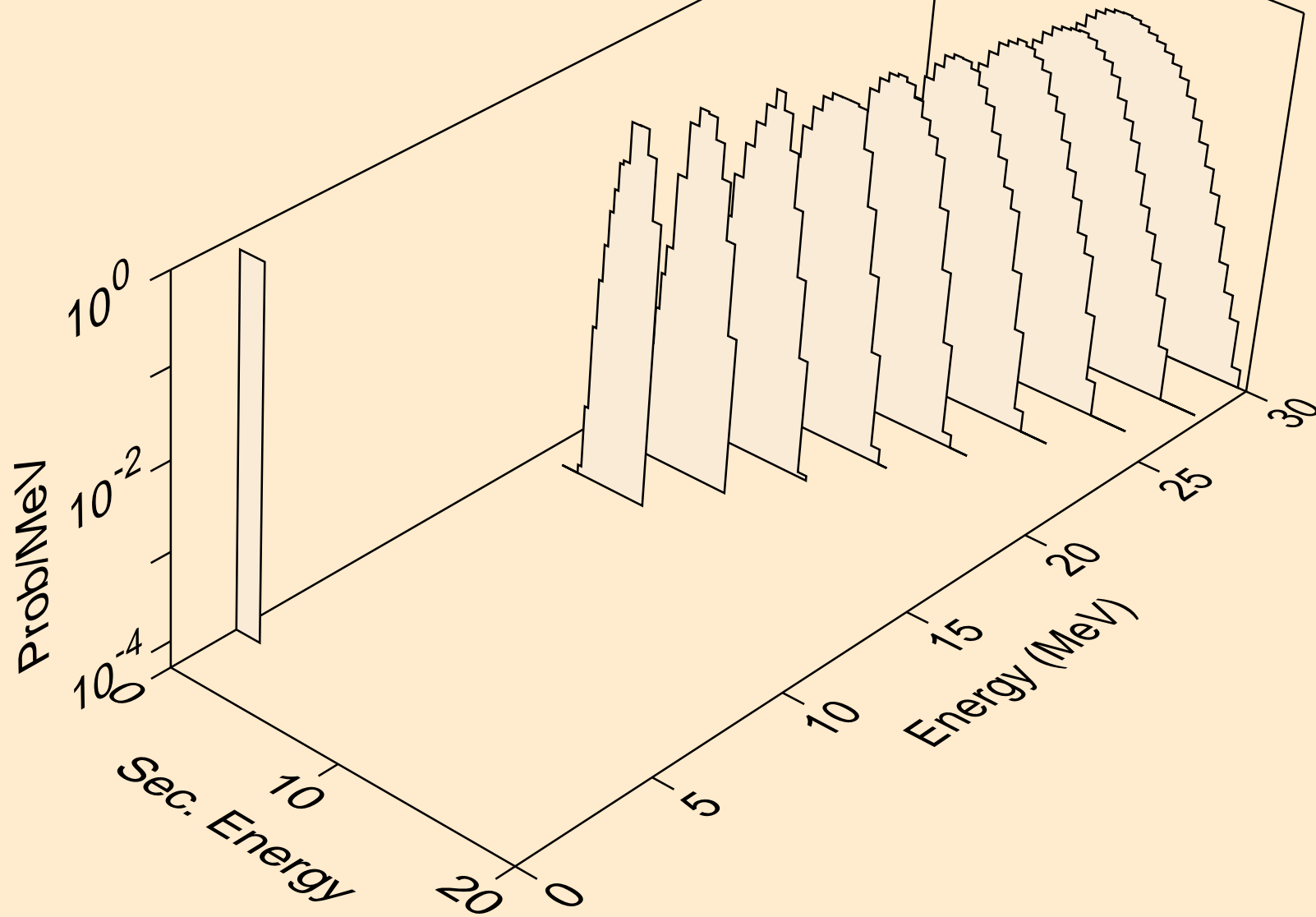


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

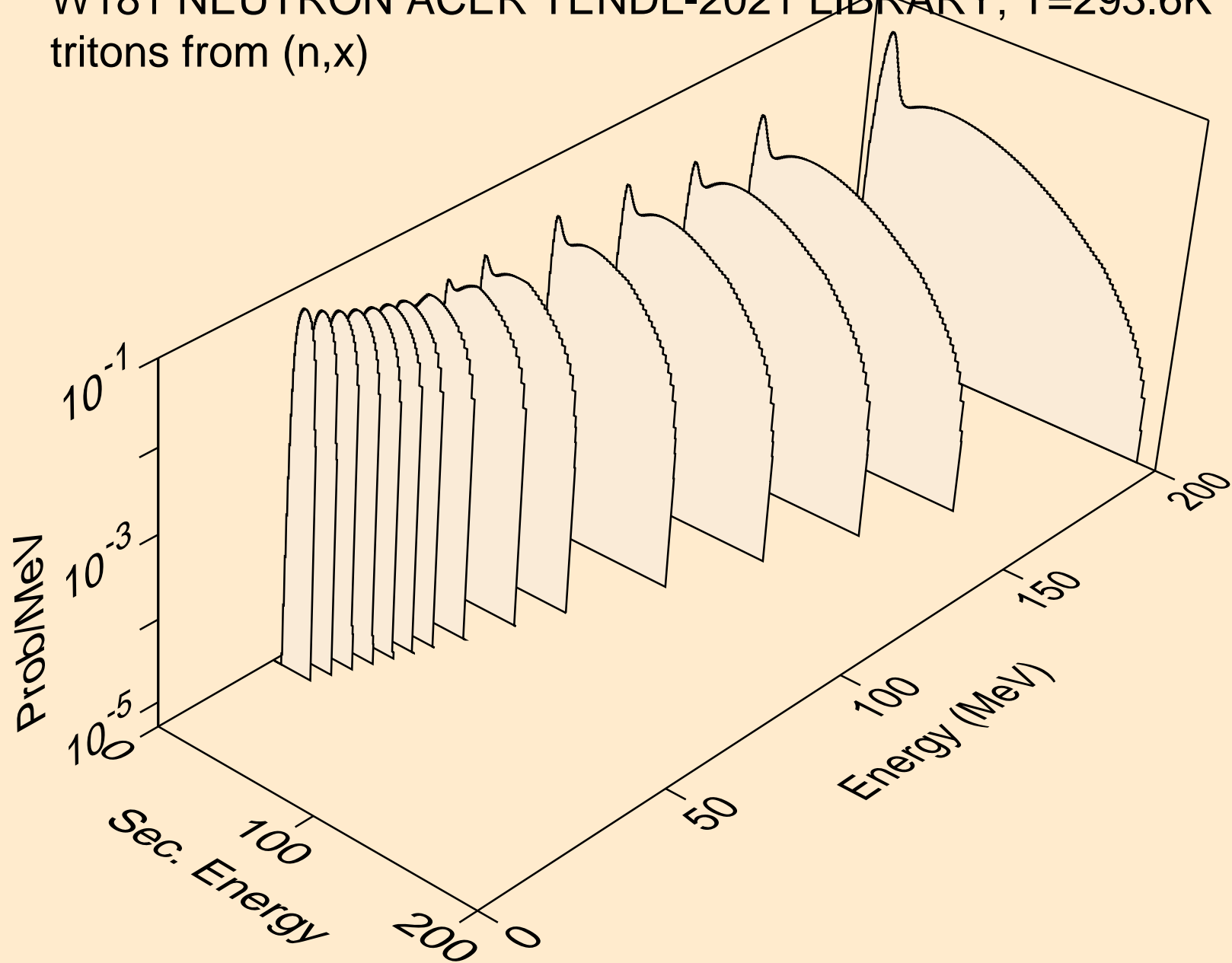




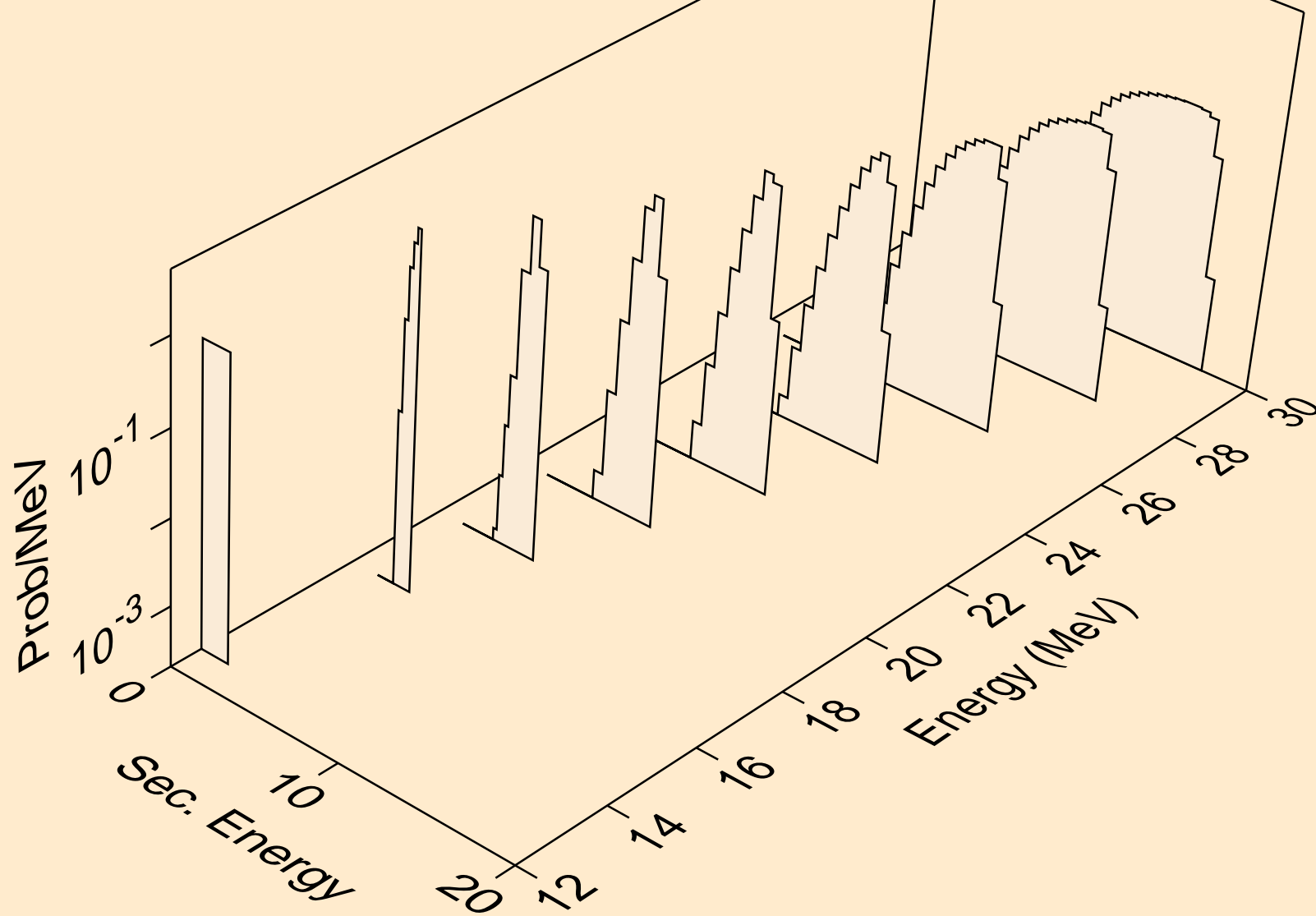
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



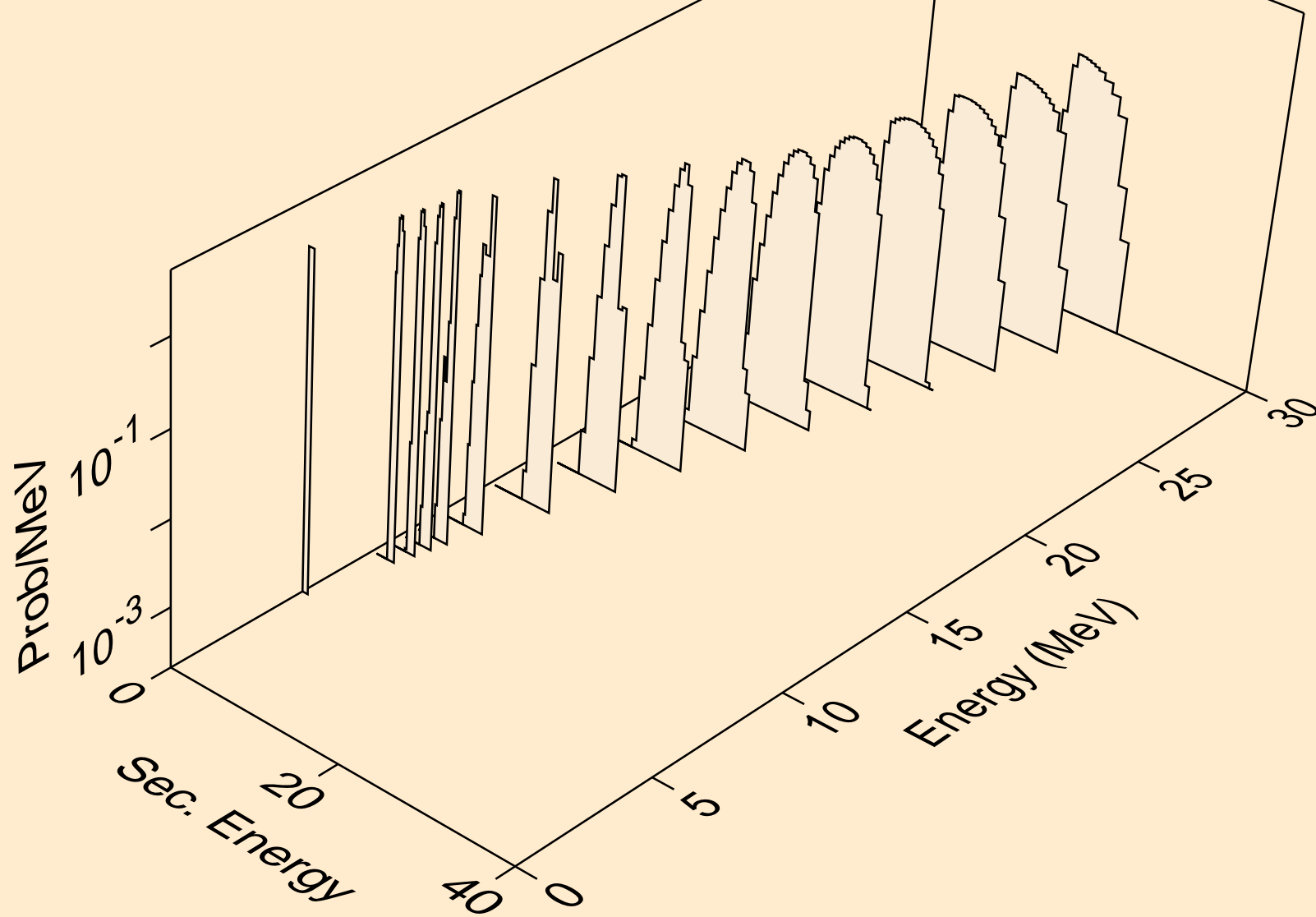
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



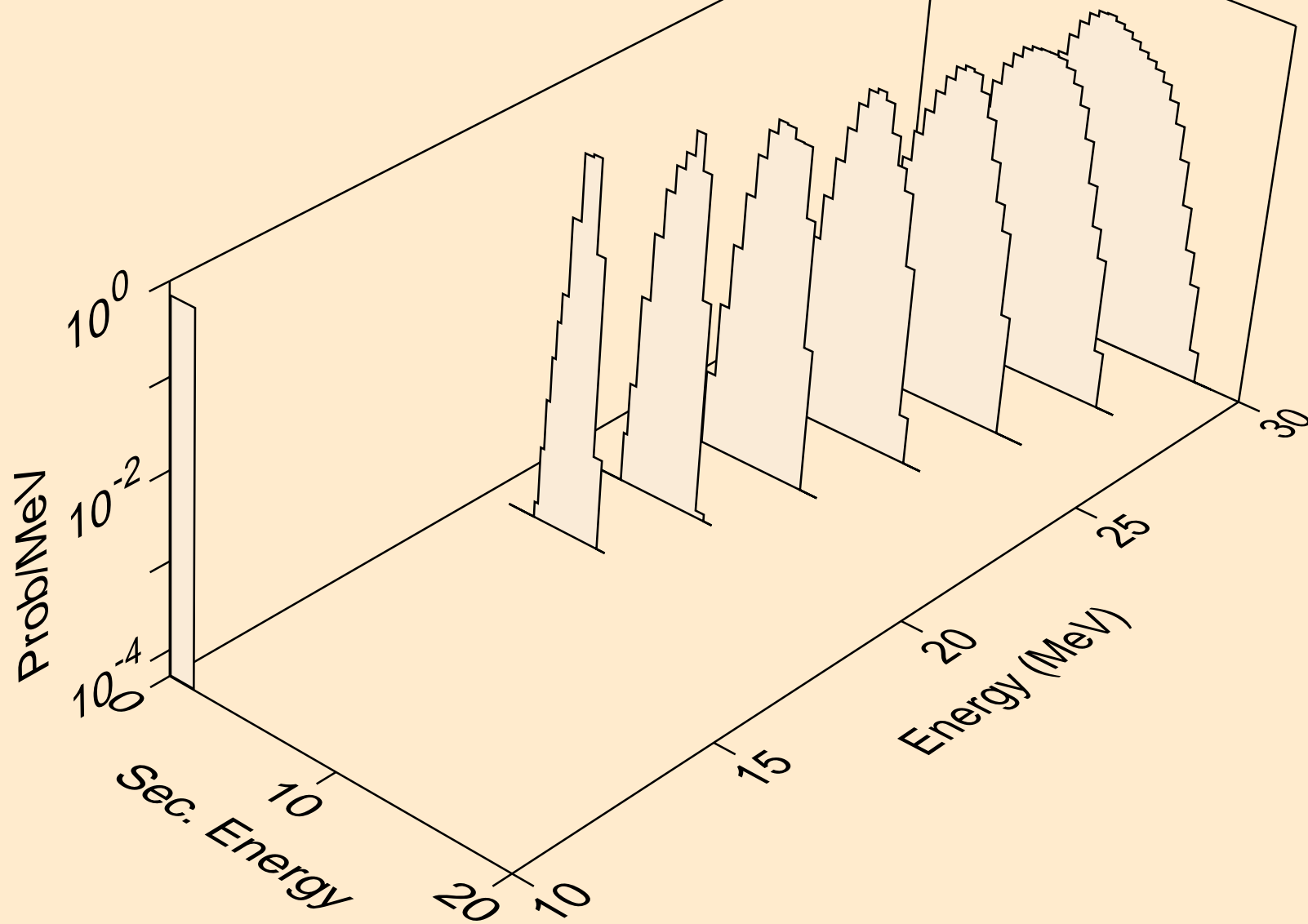
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



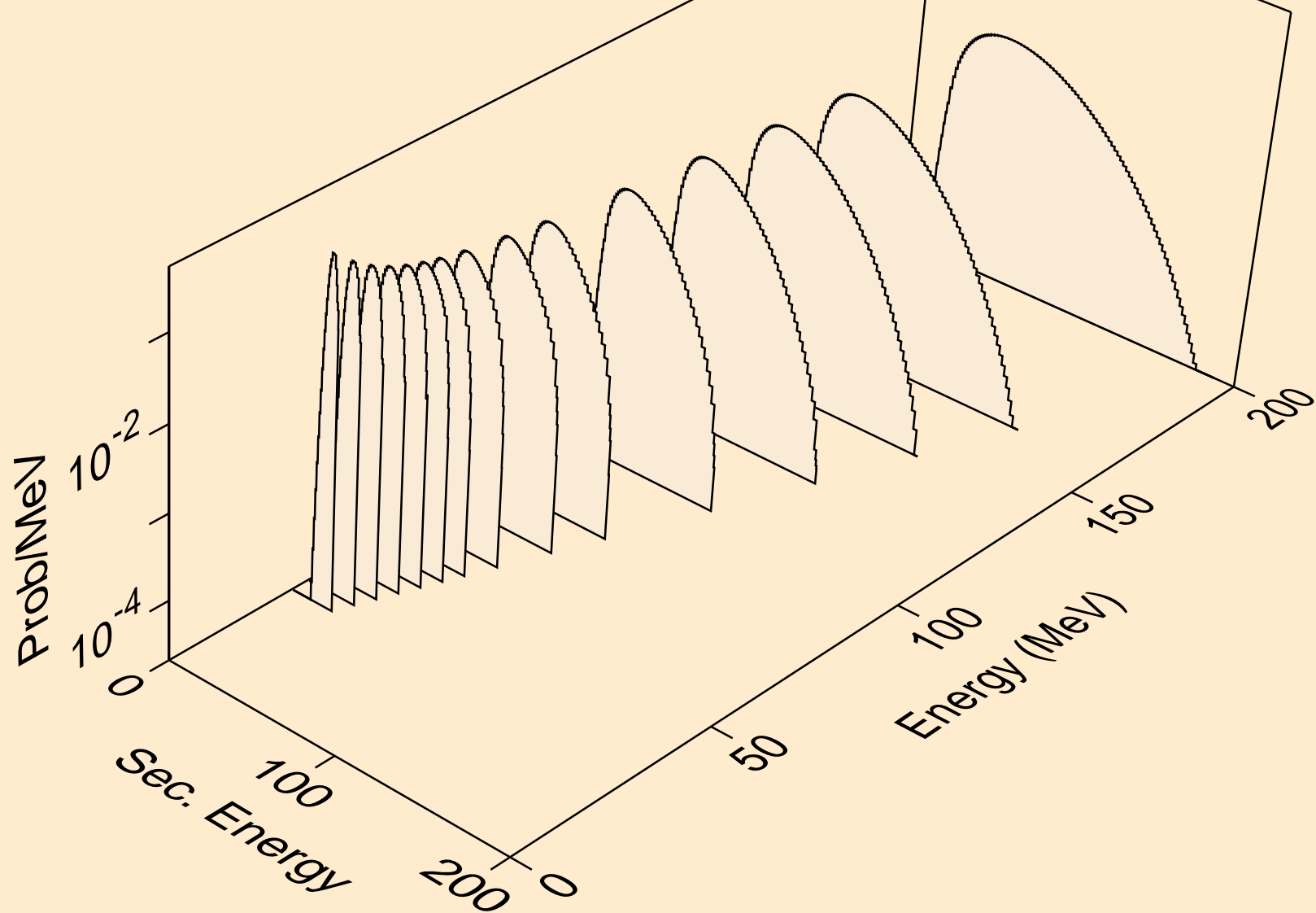
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



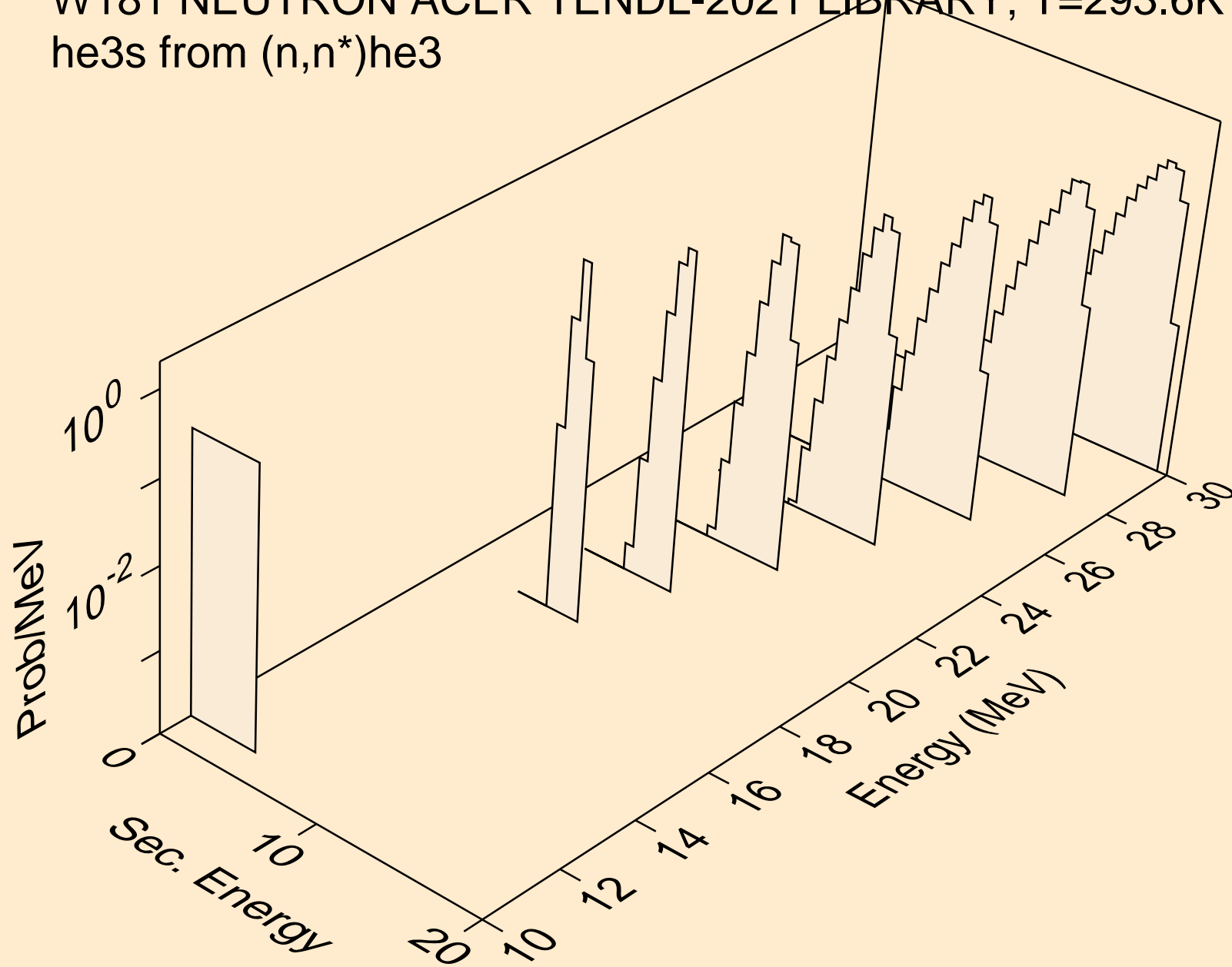
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



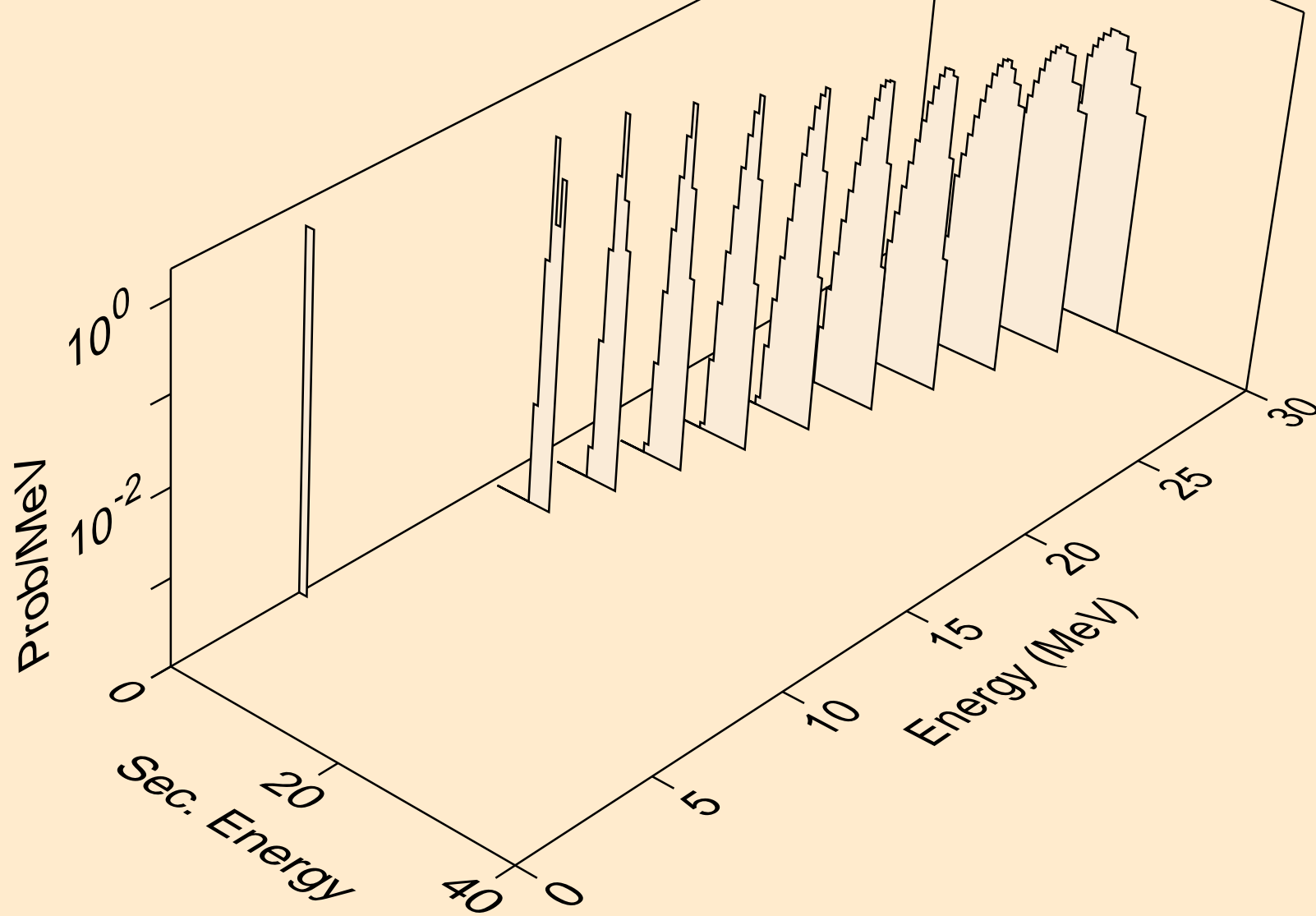
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

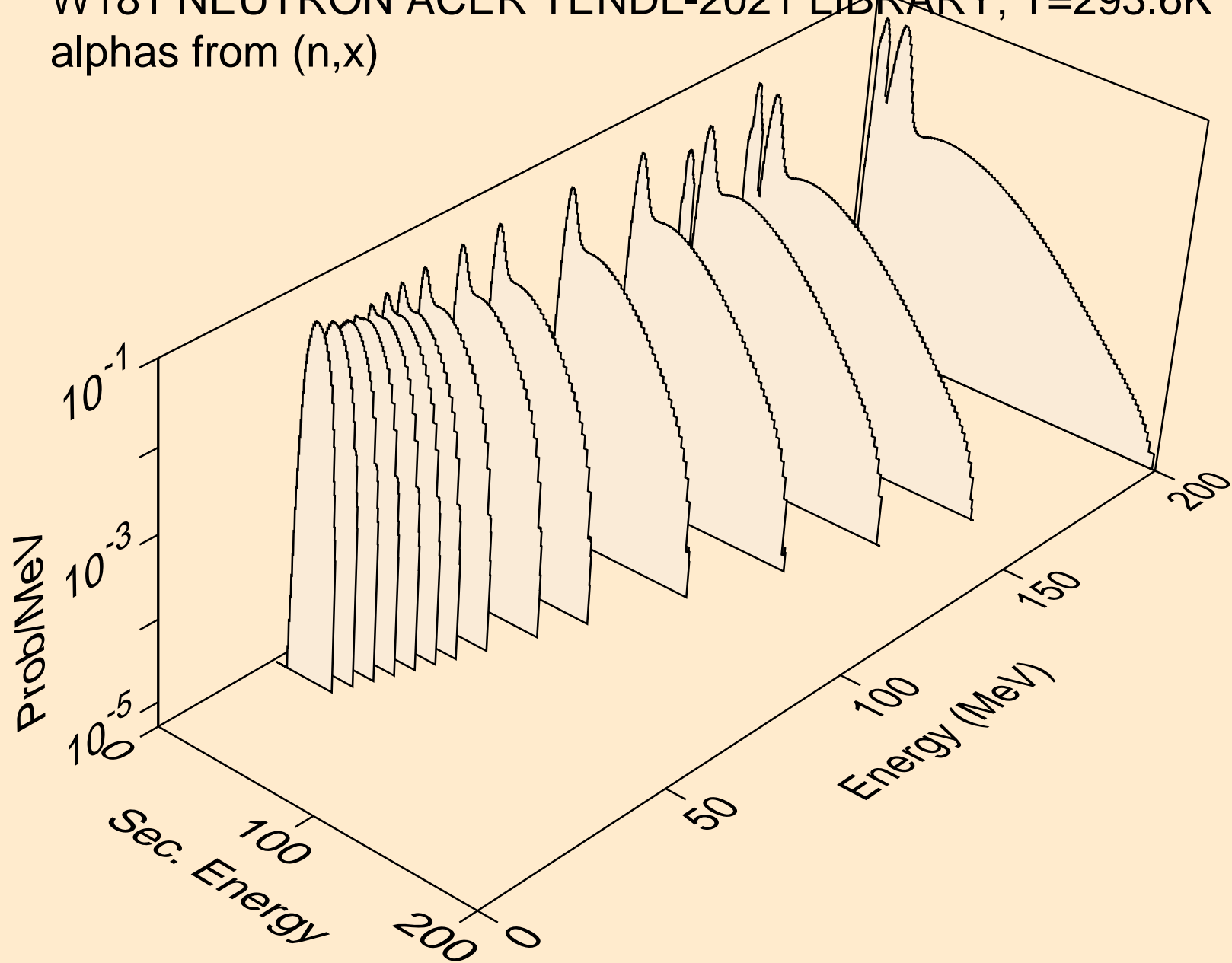


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

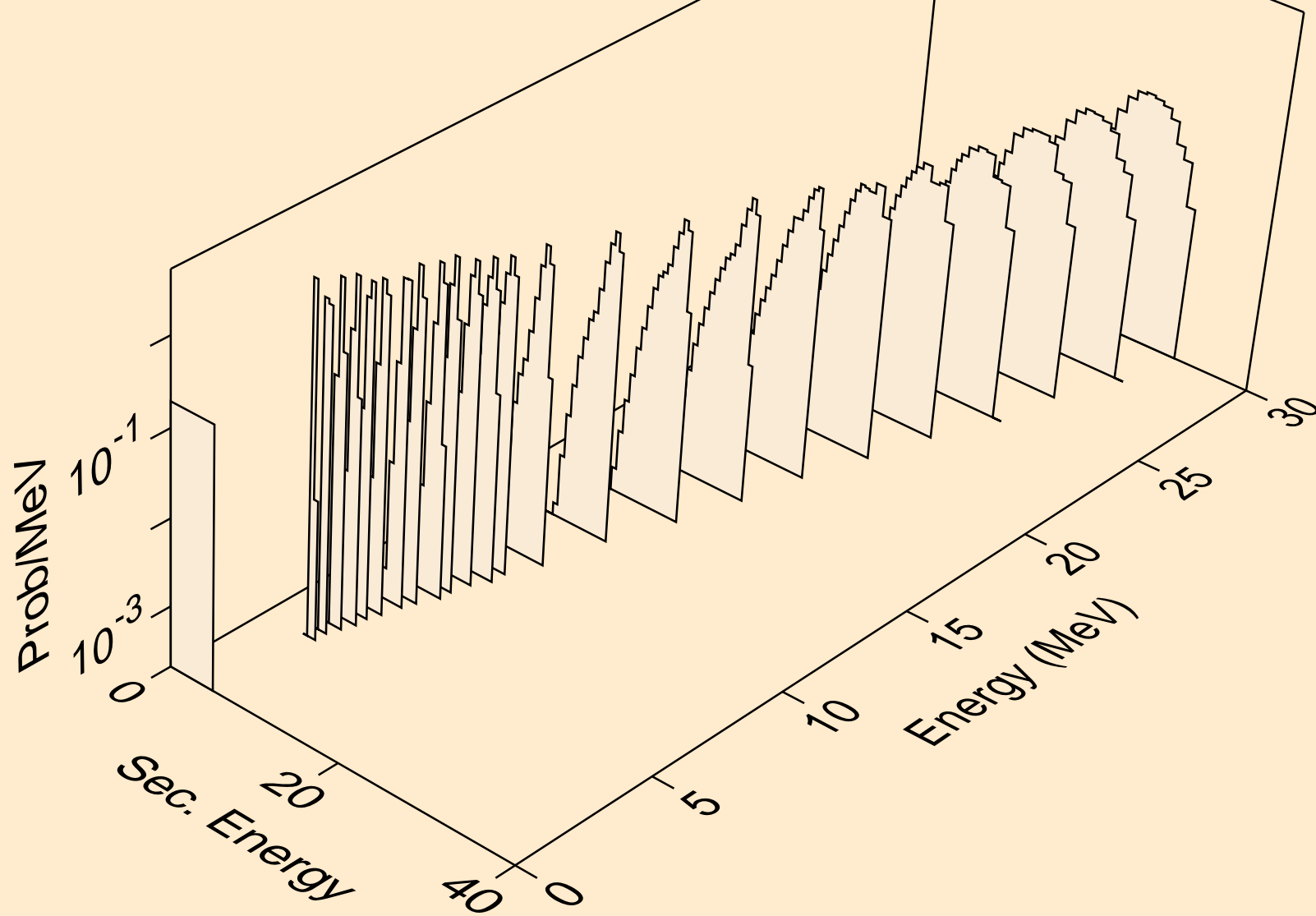




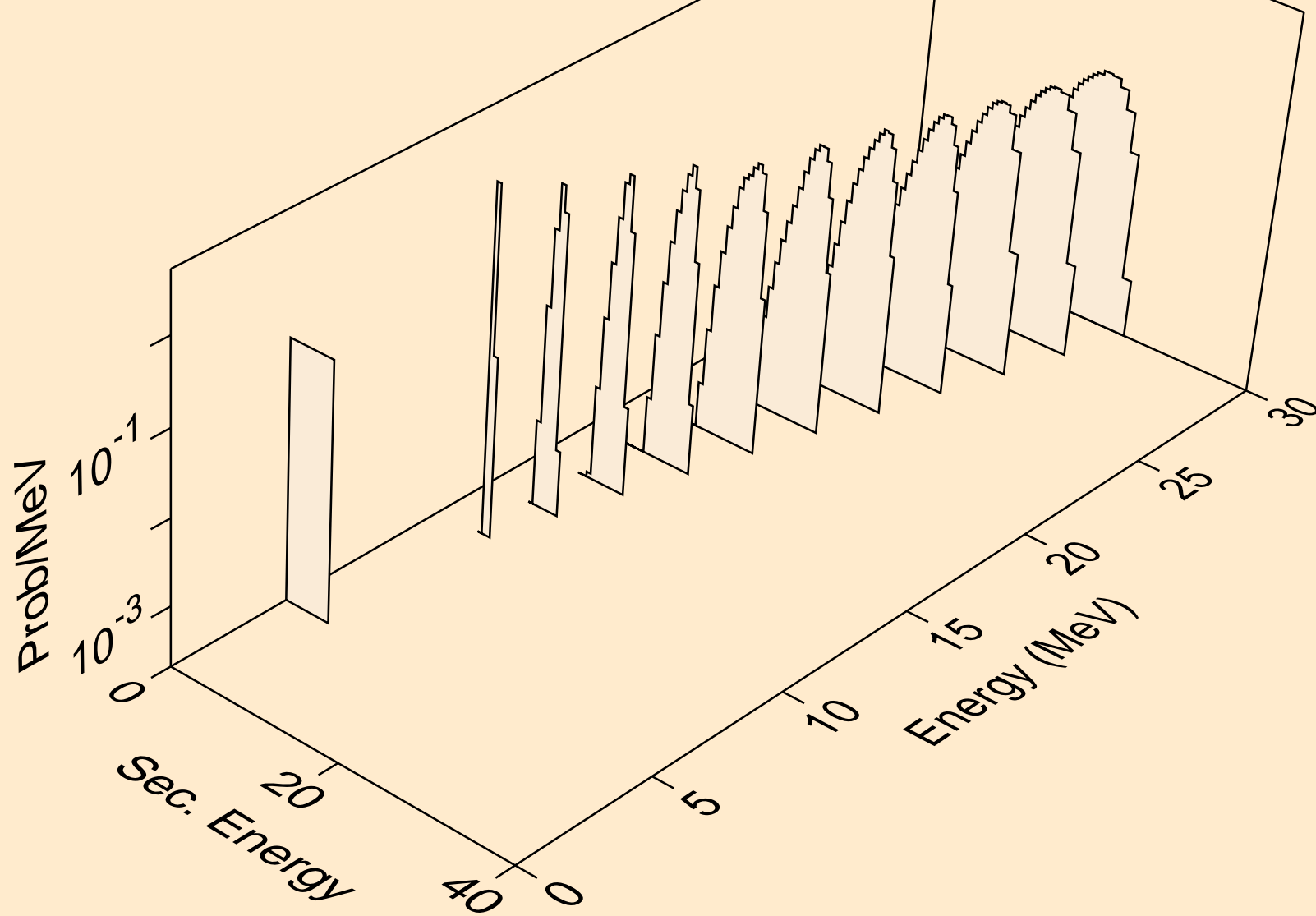
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



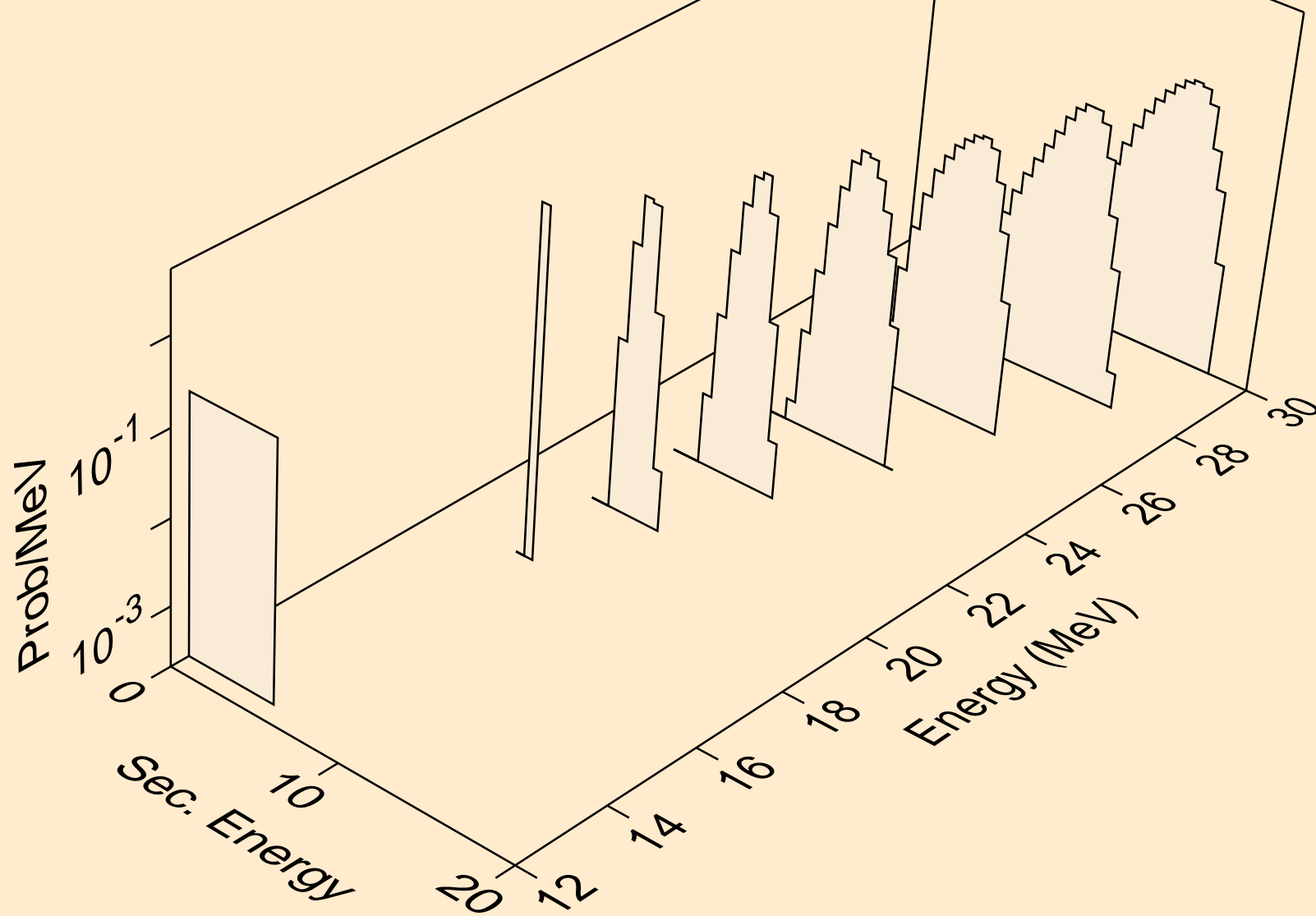
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



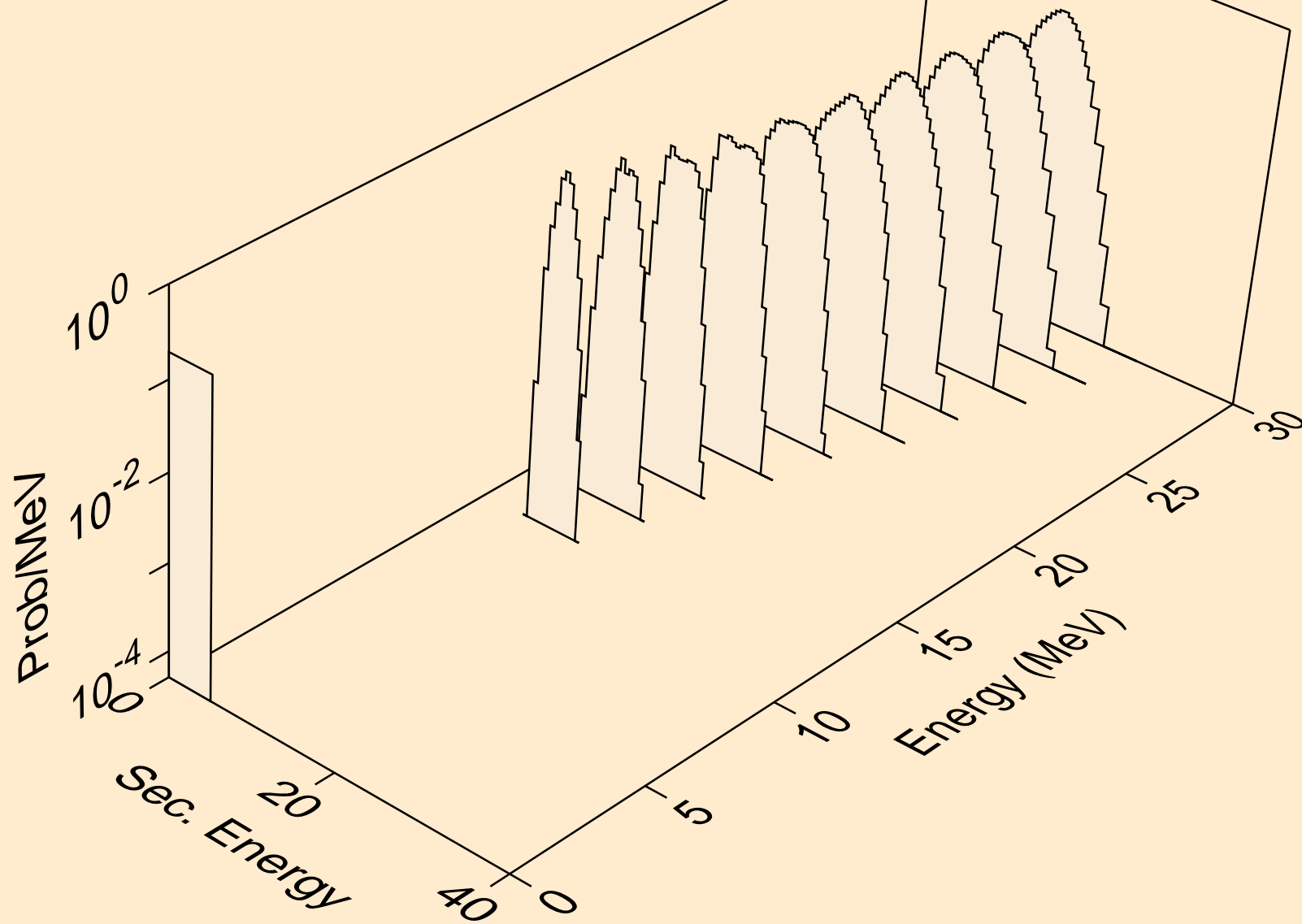
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



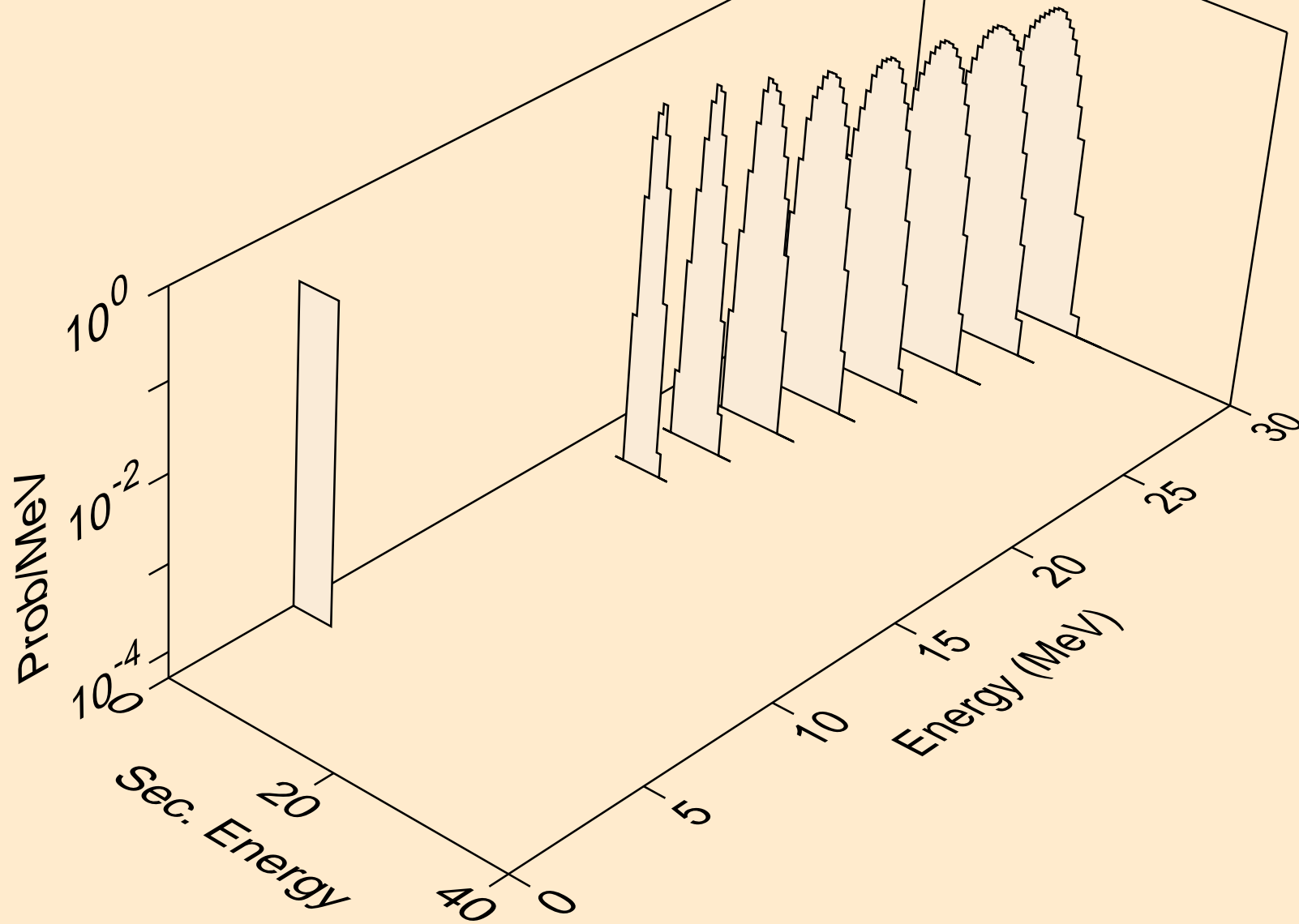
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



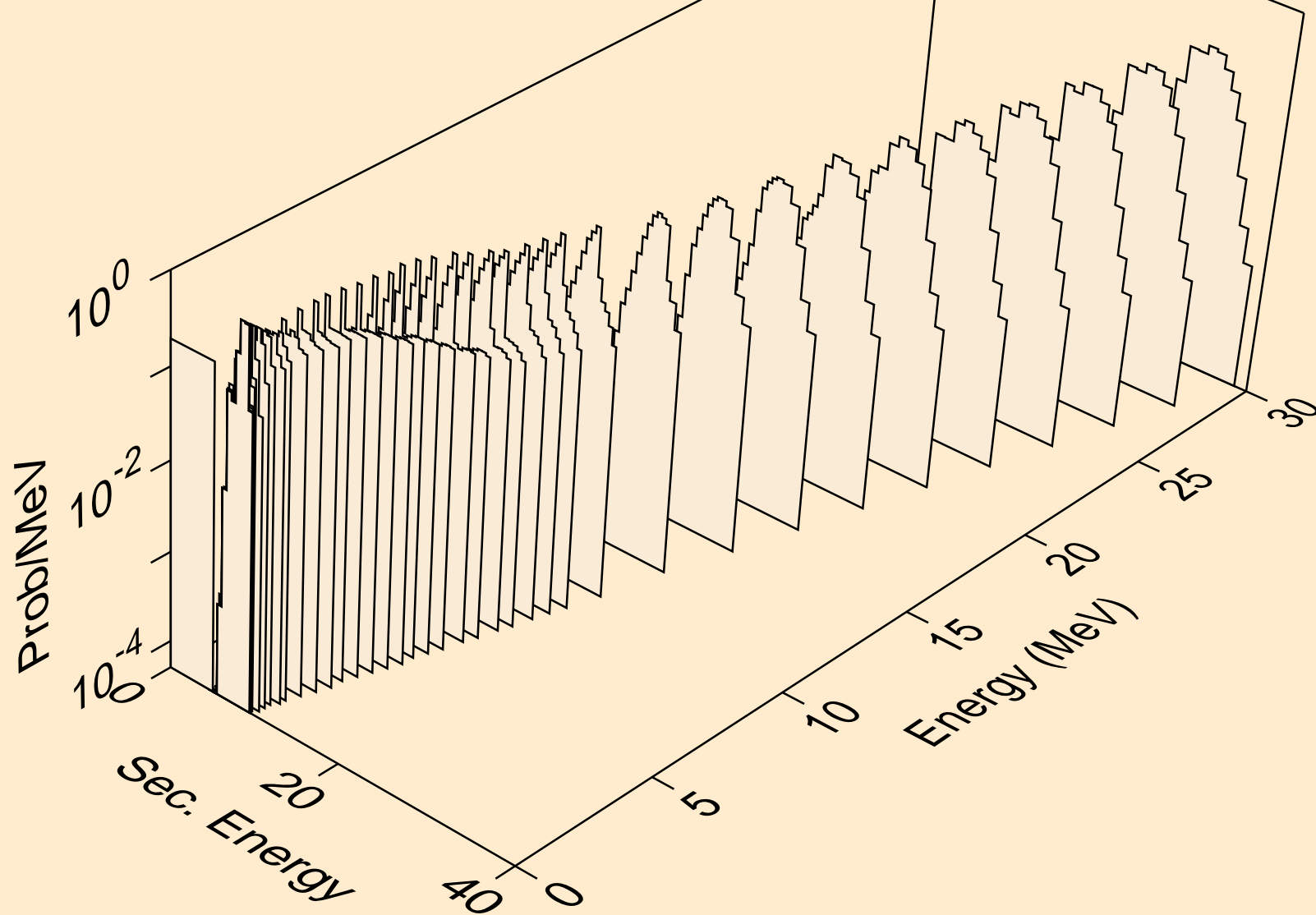
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



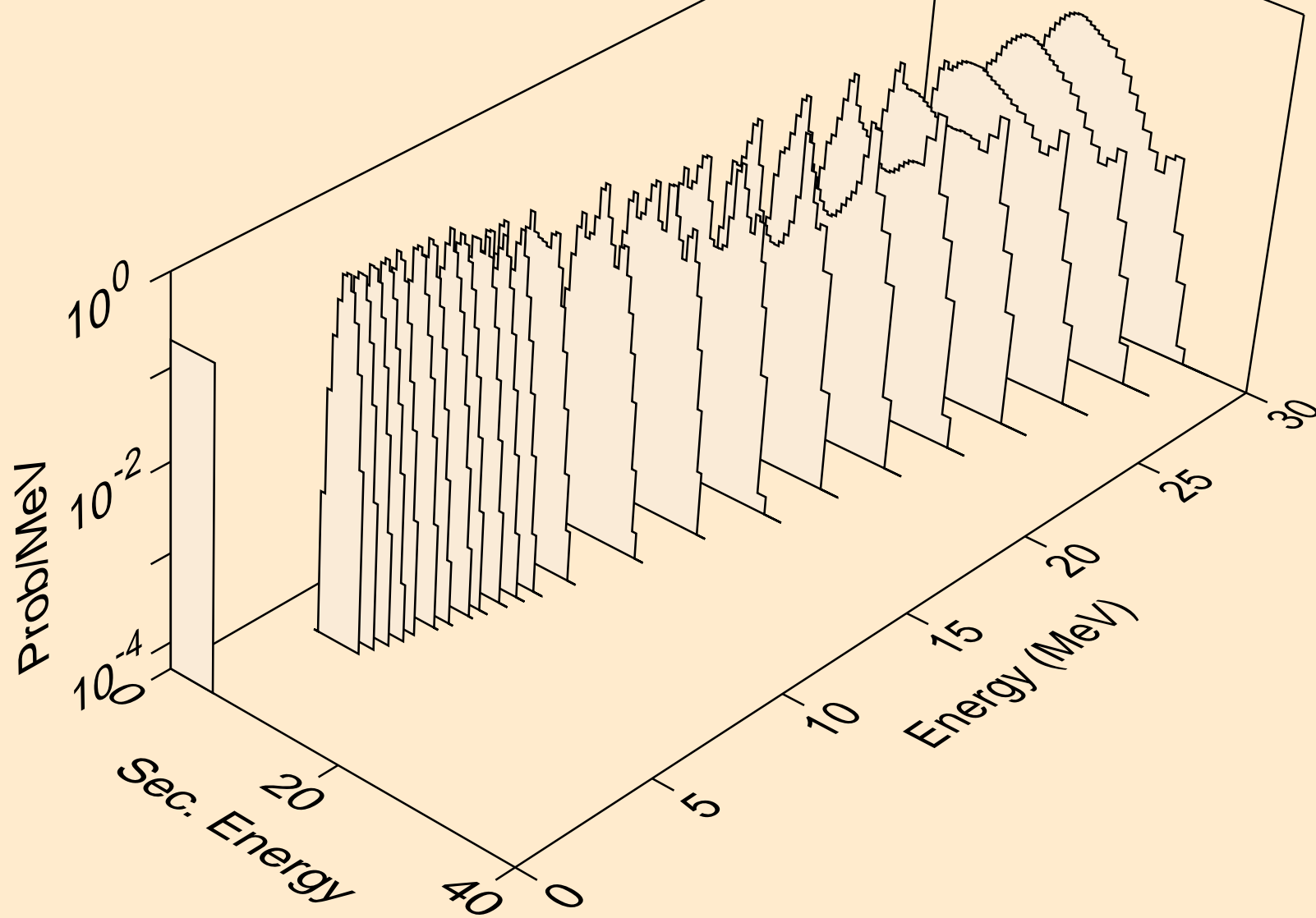
W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

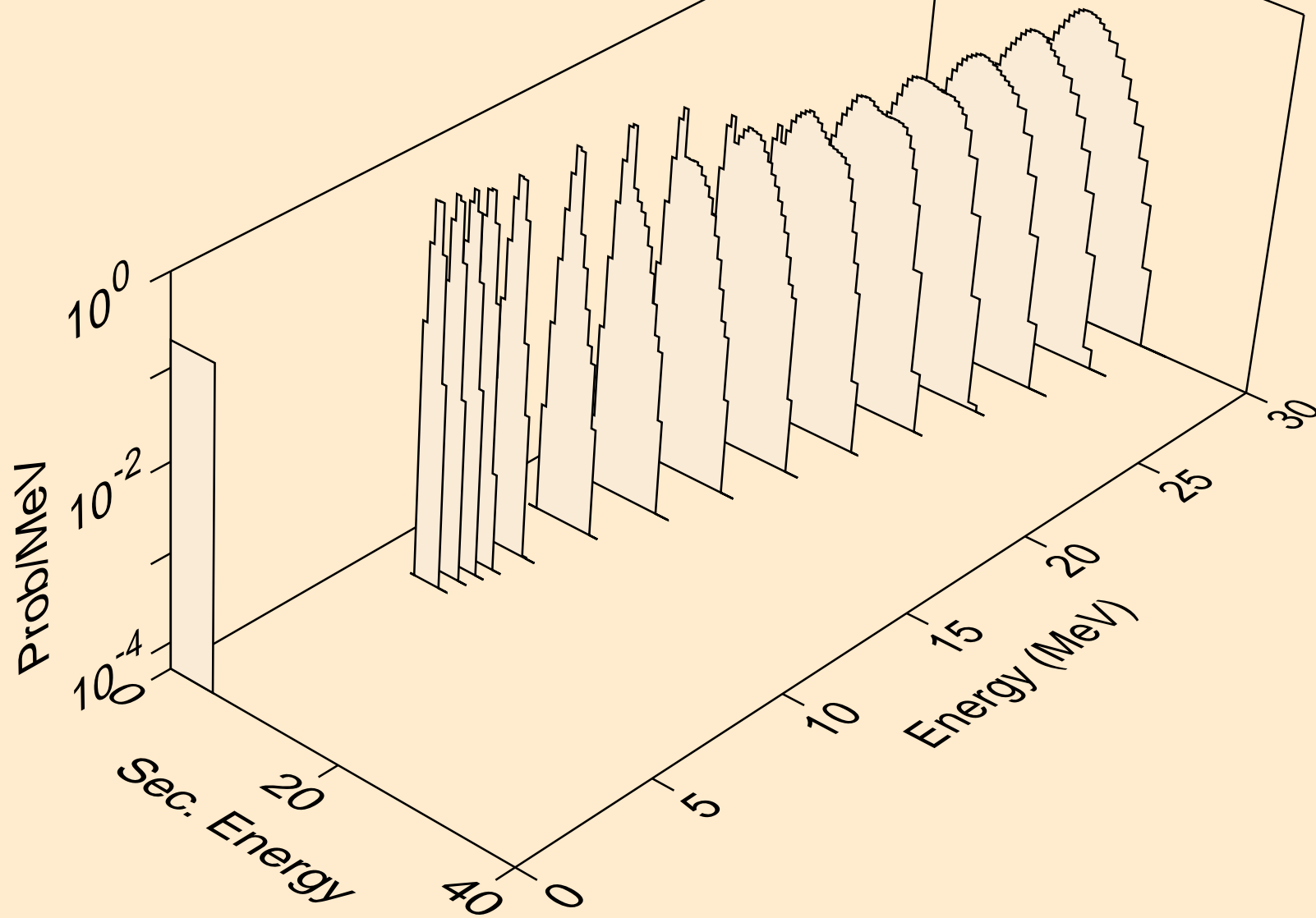


W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)





W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



W181 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

