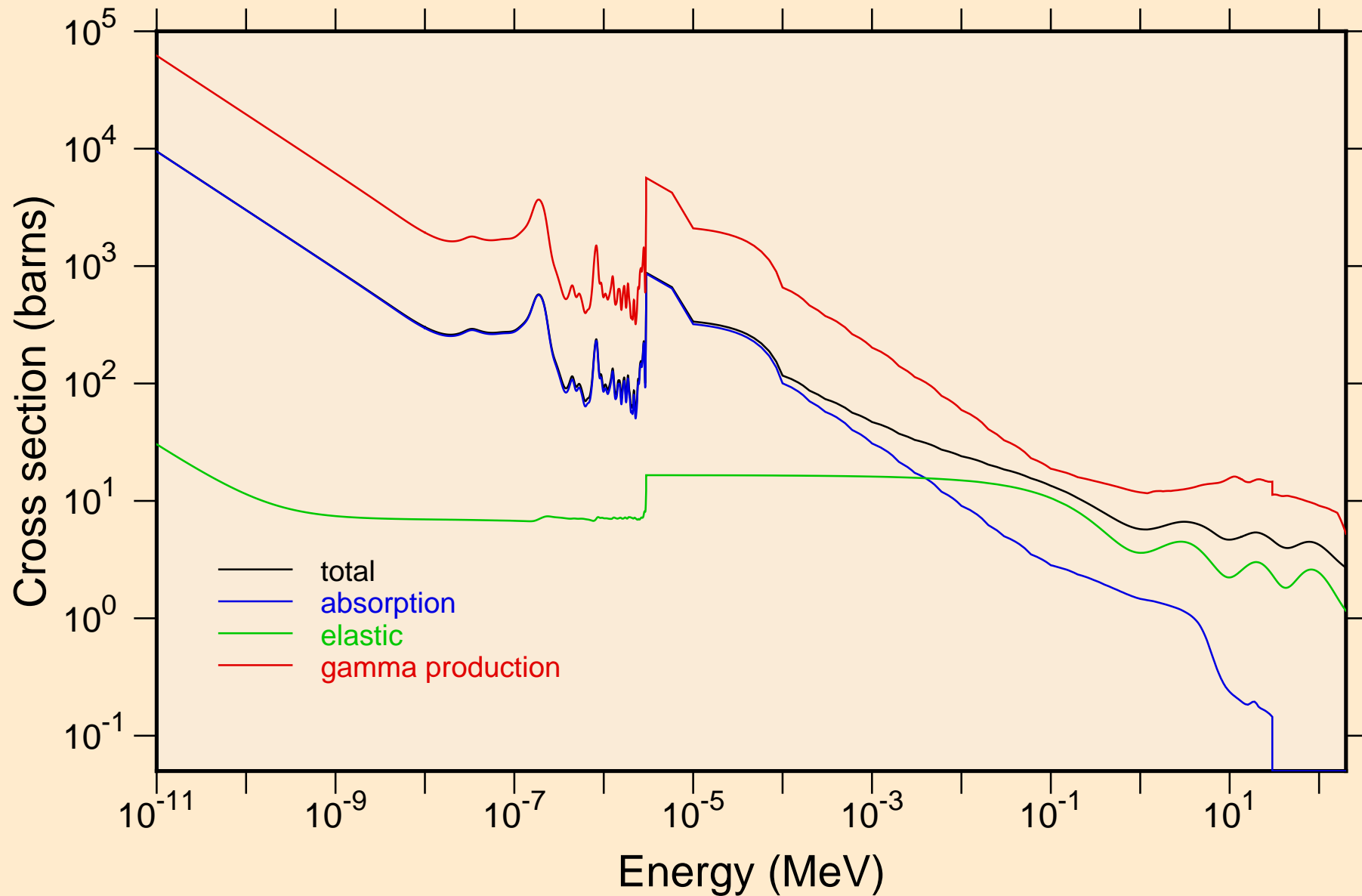
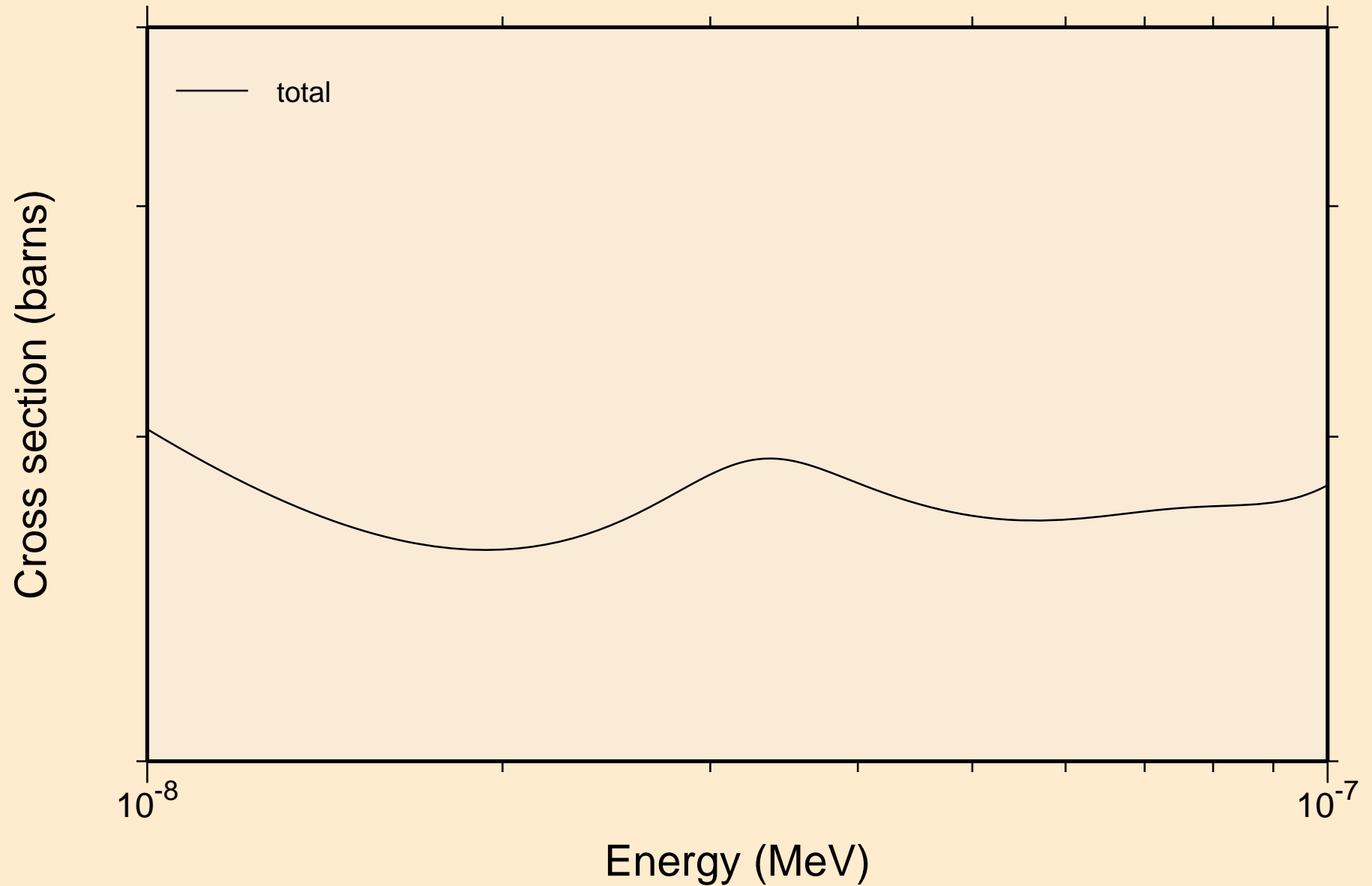


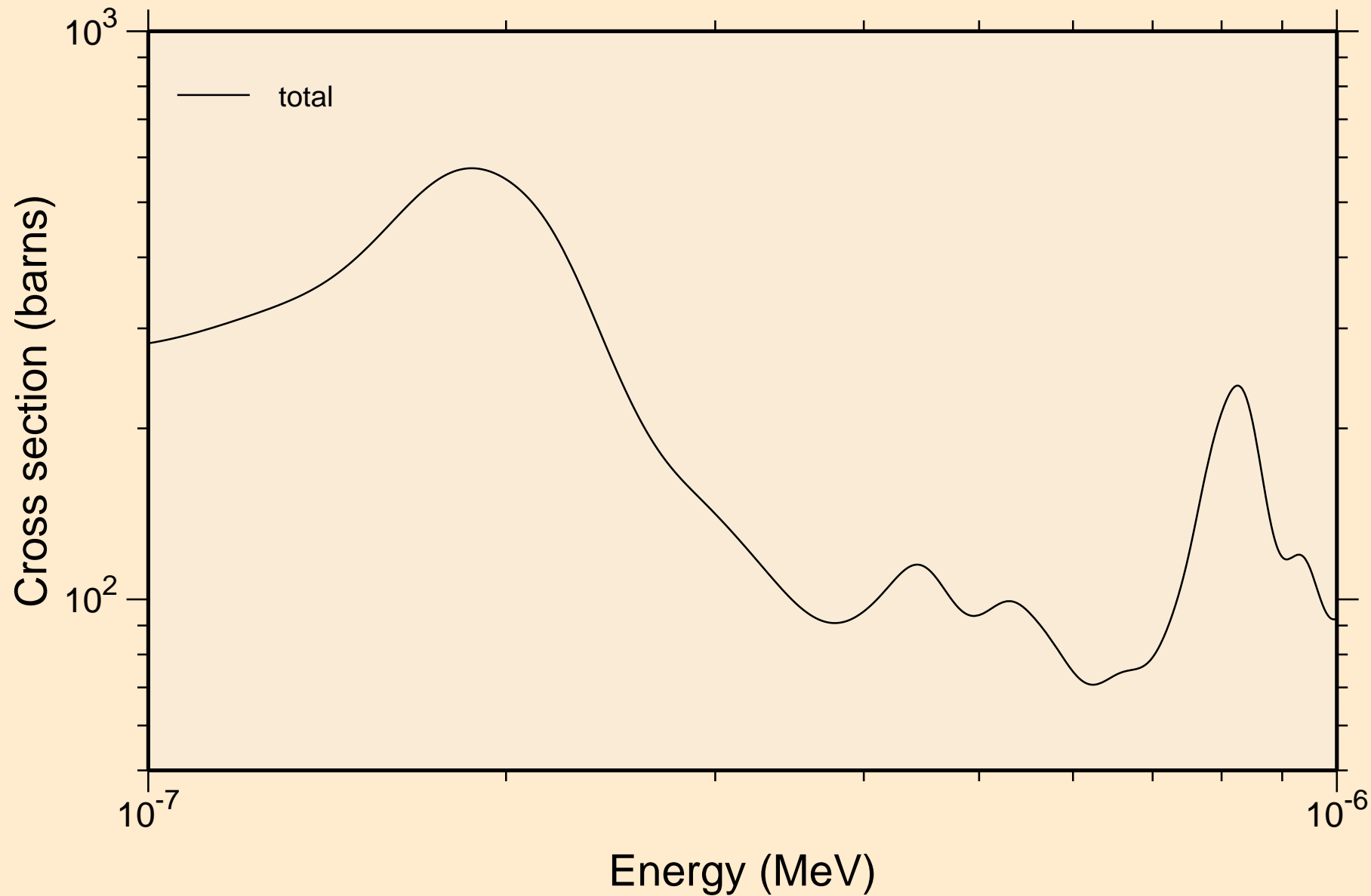
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



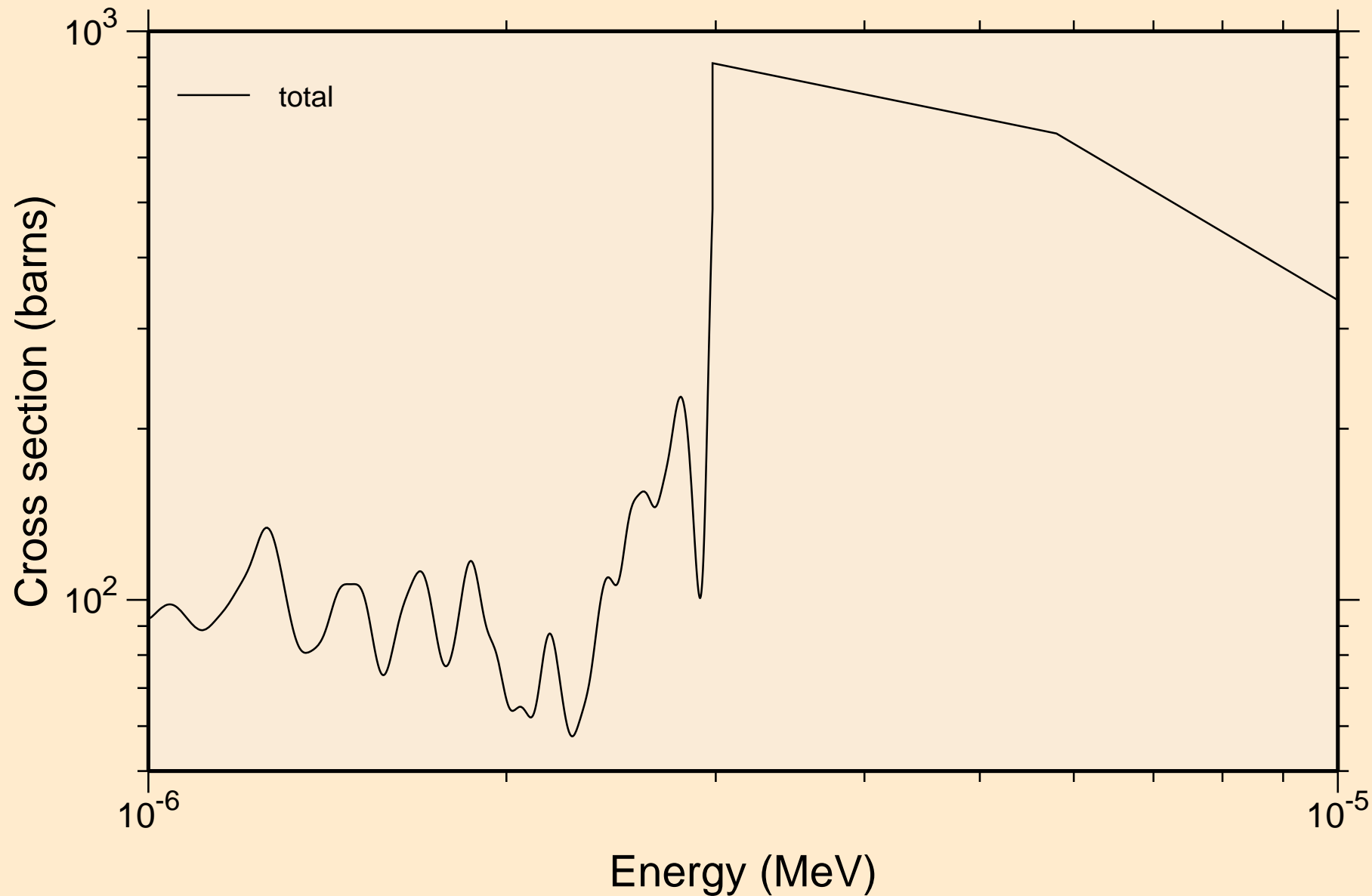
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



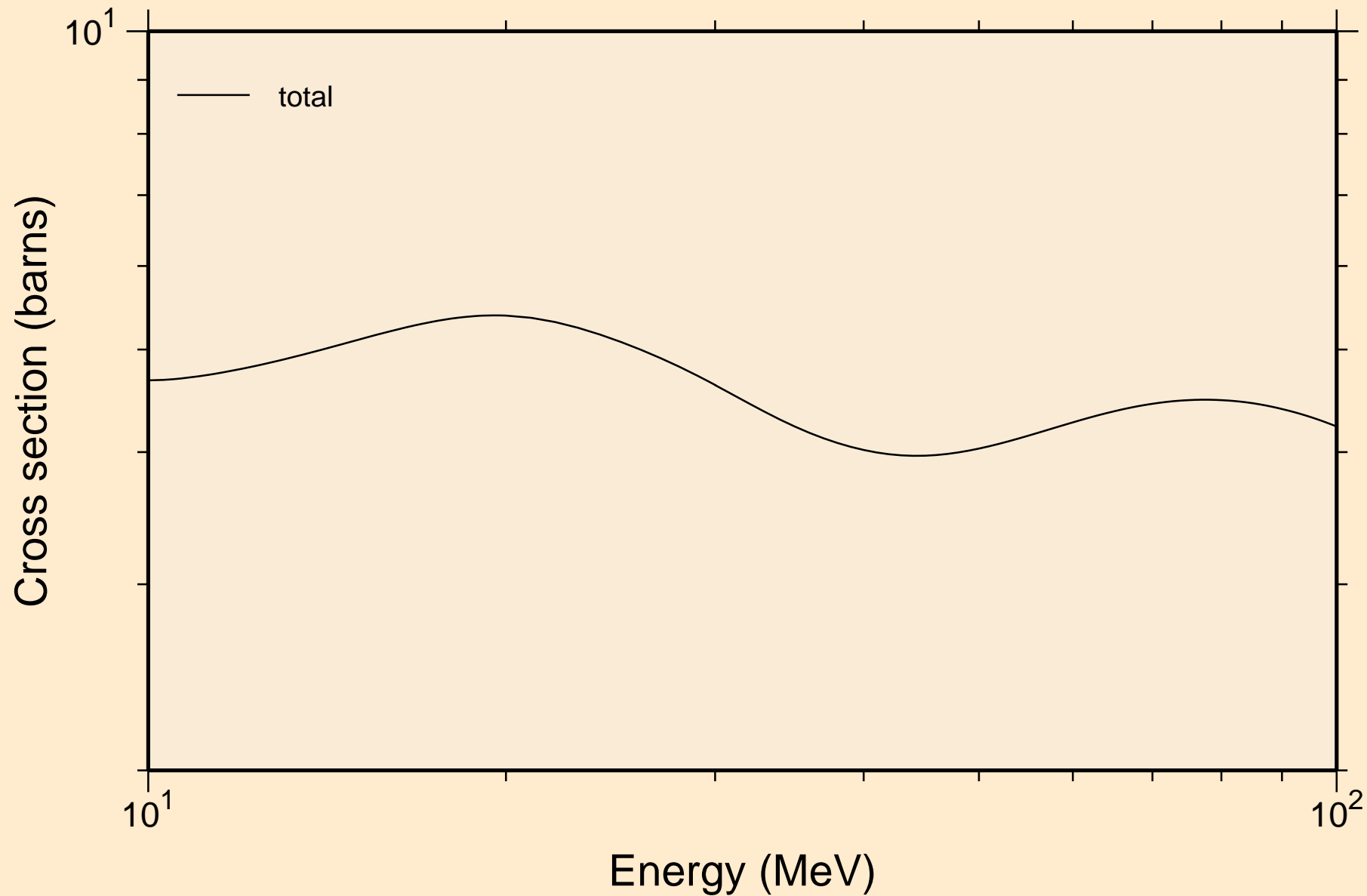
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



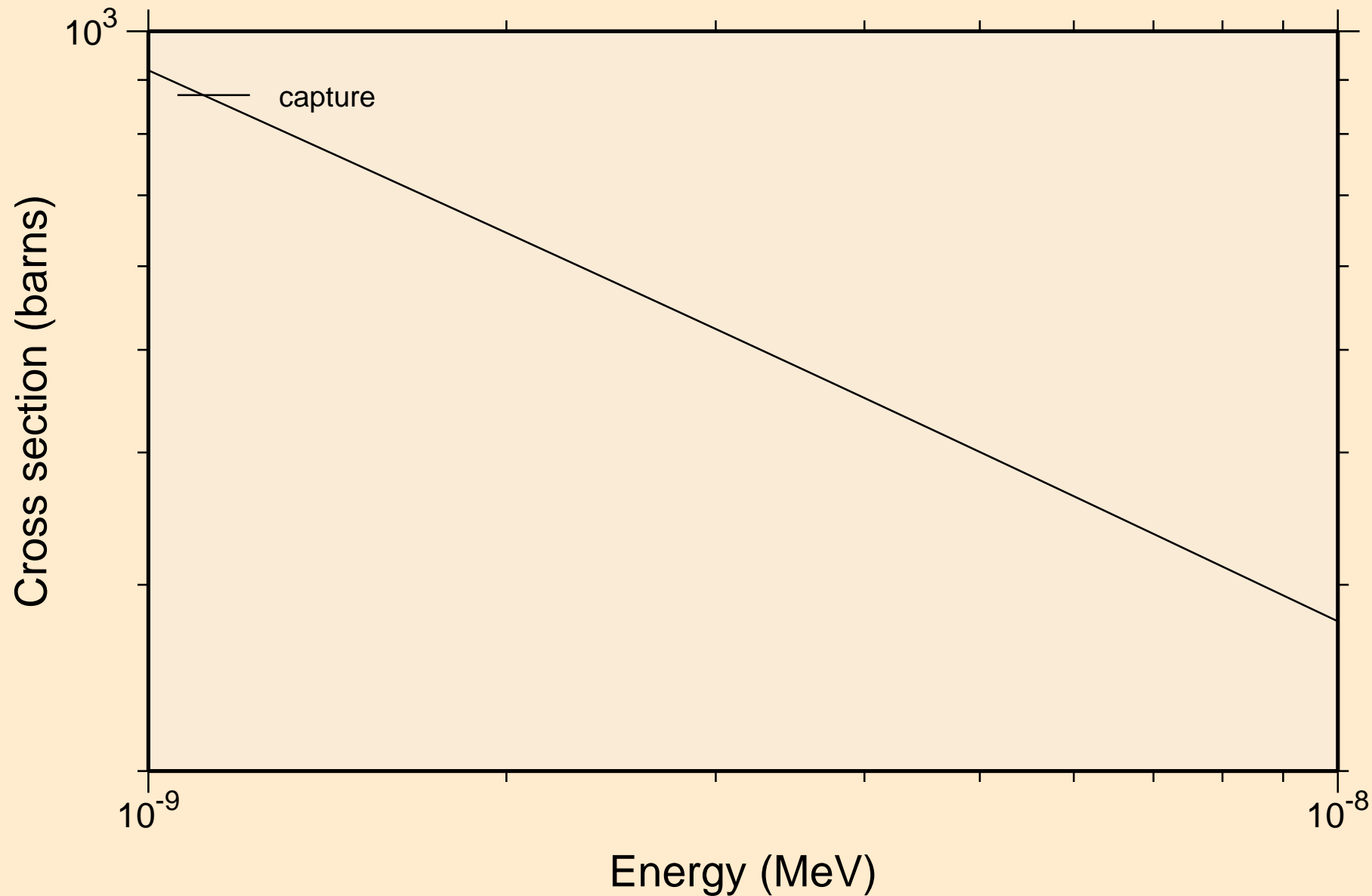
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



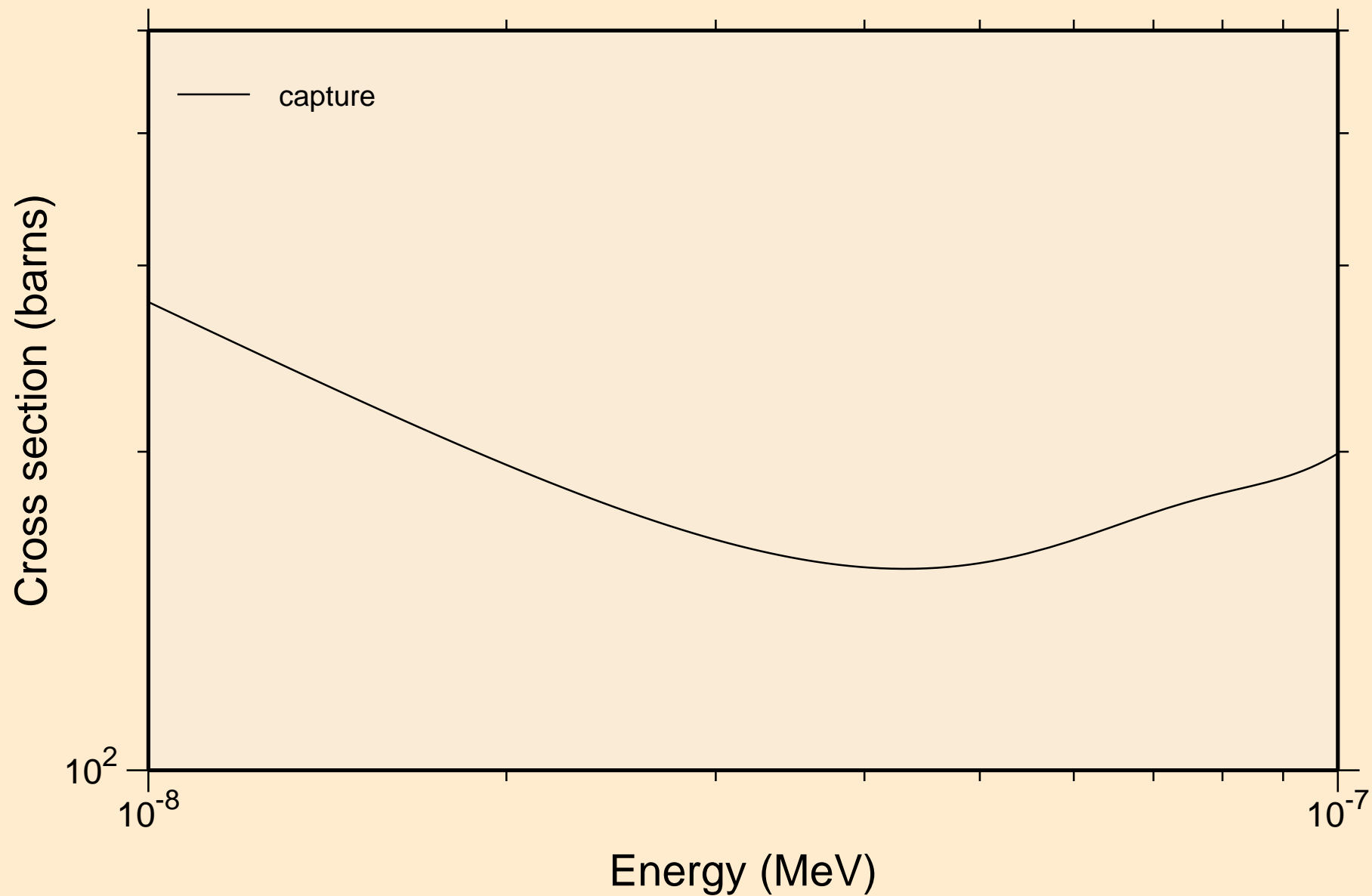
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



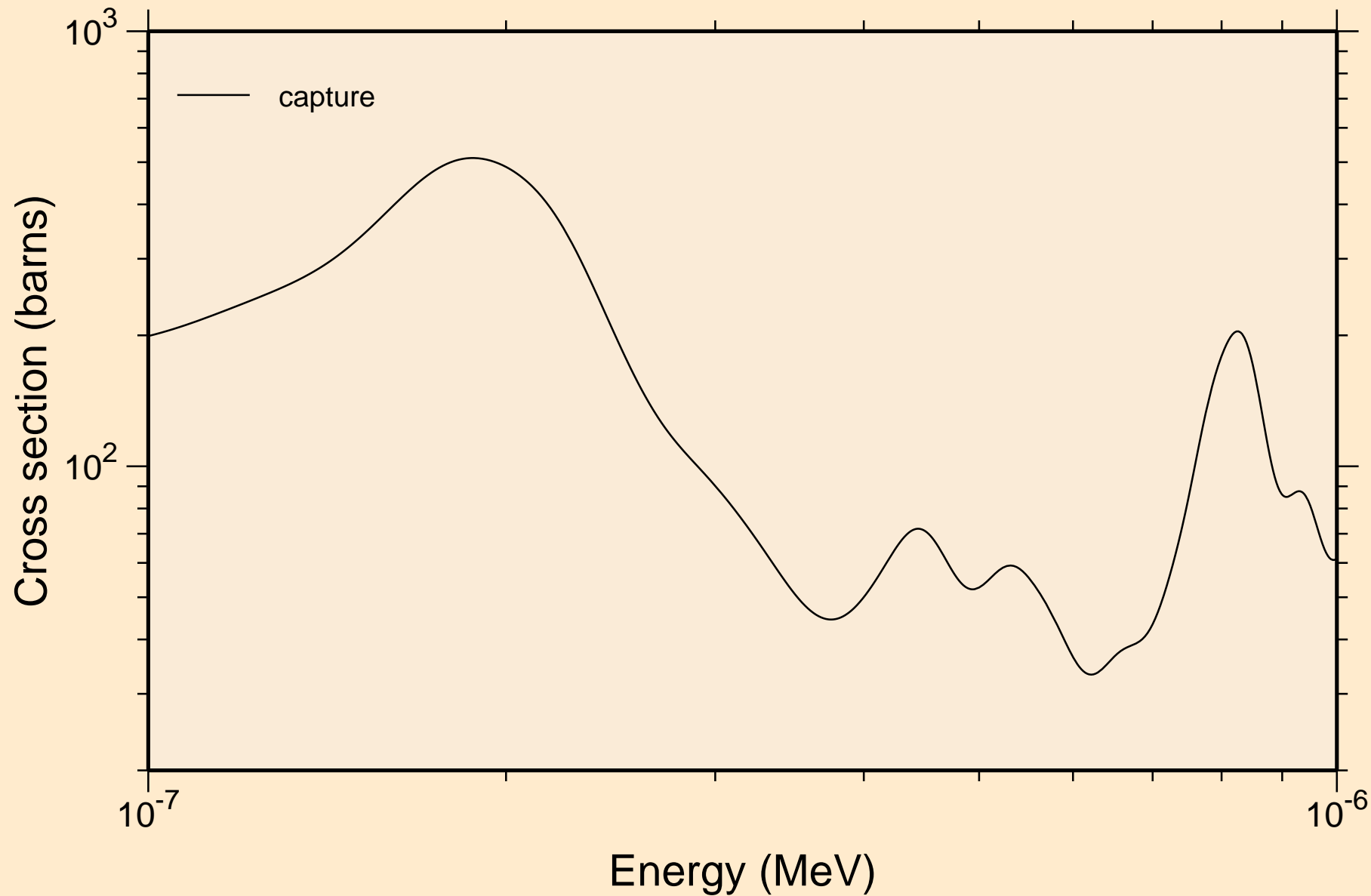
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

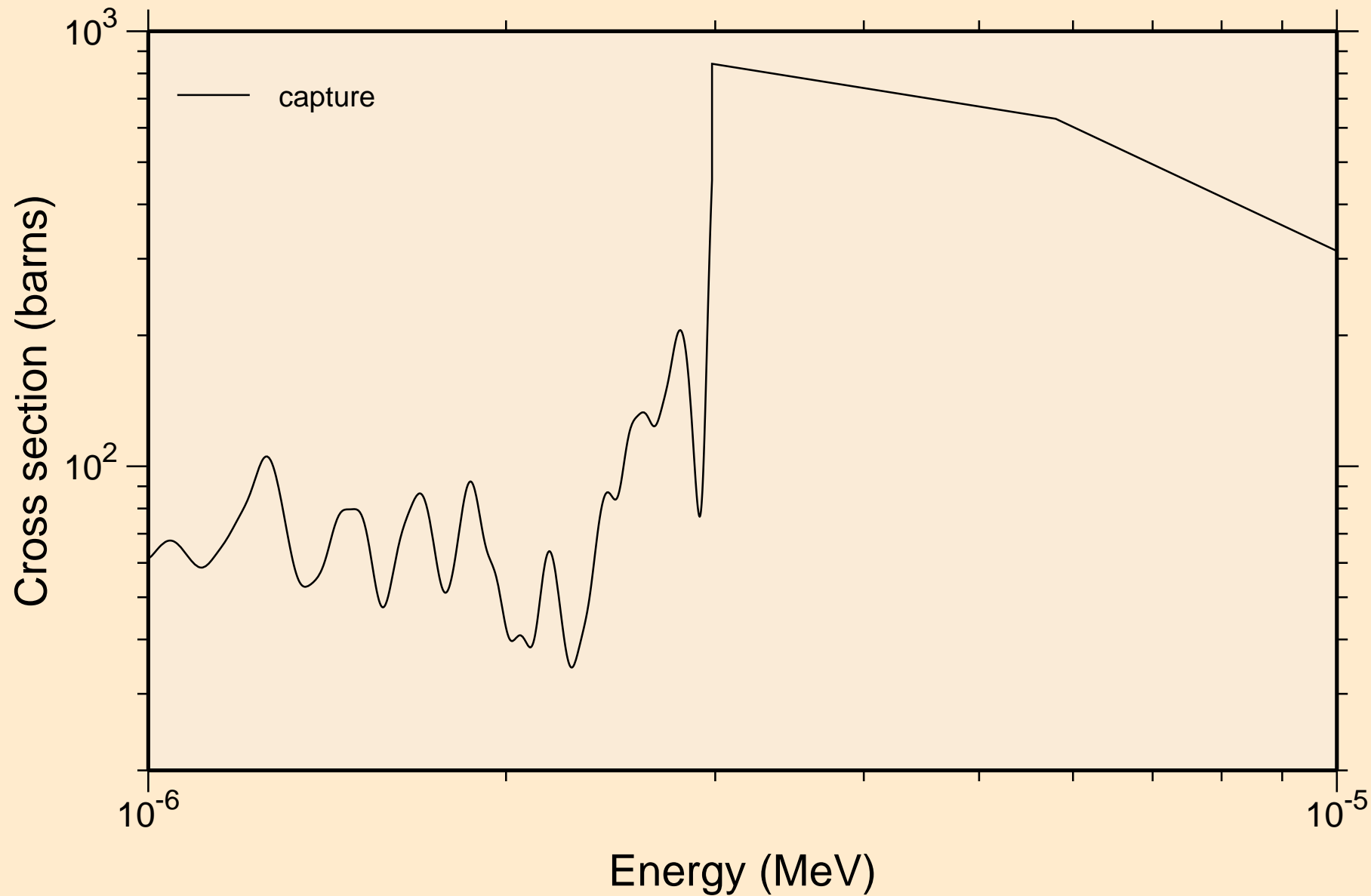


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

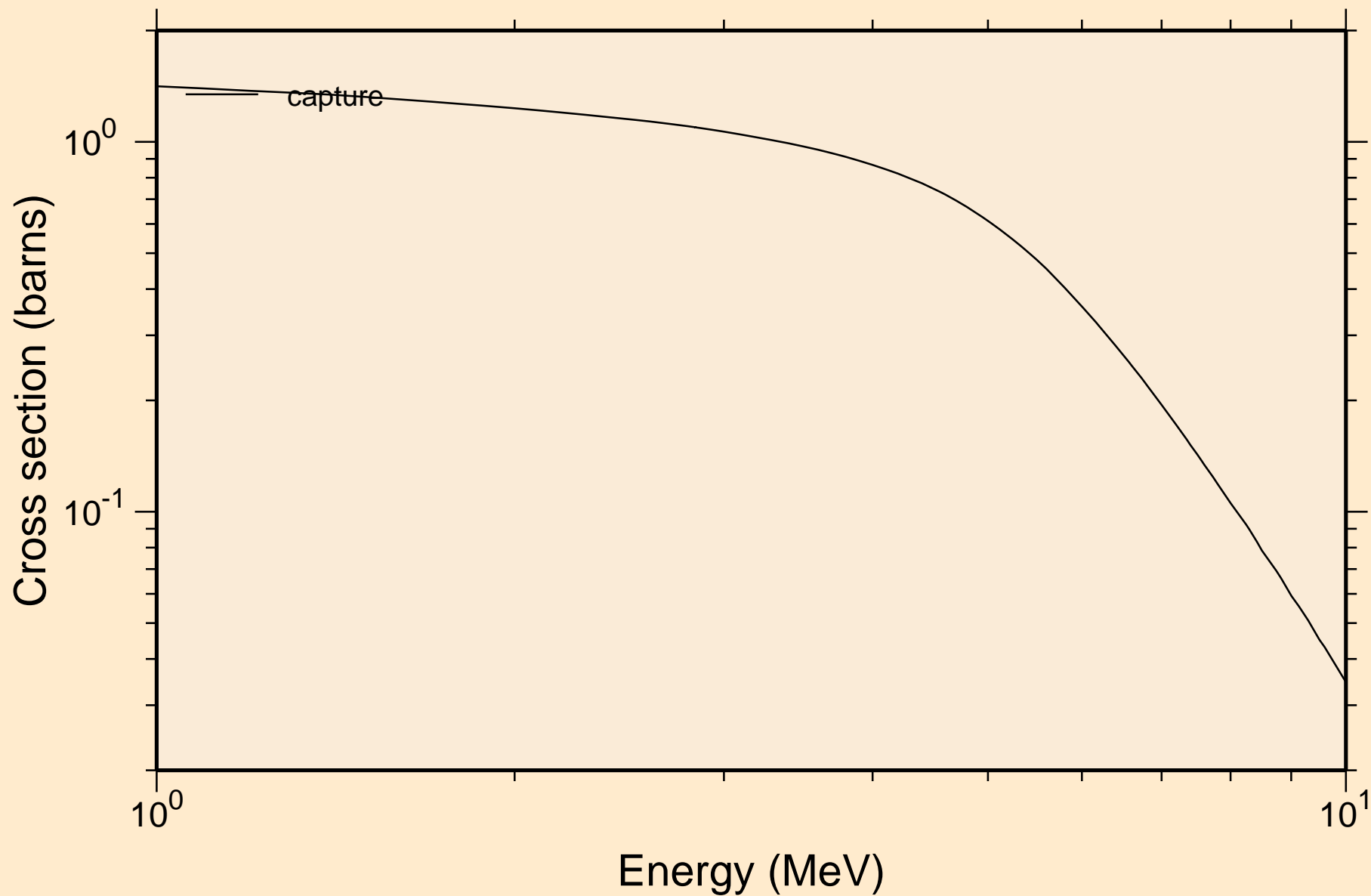




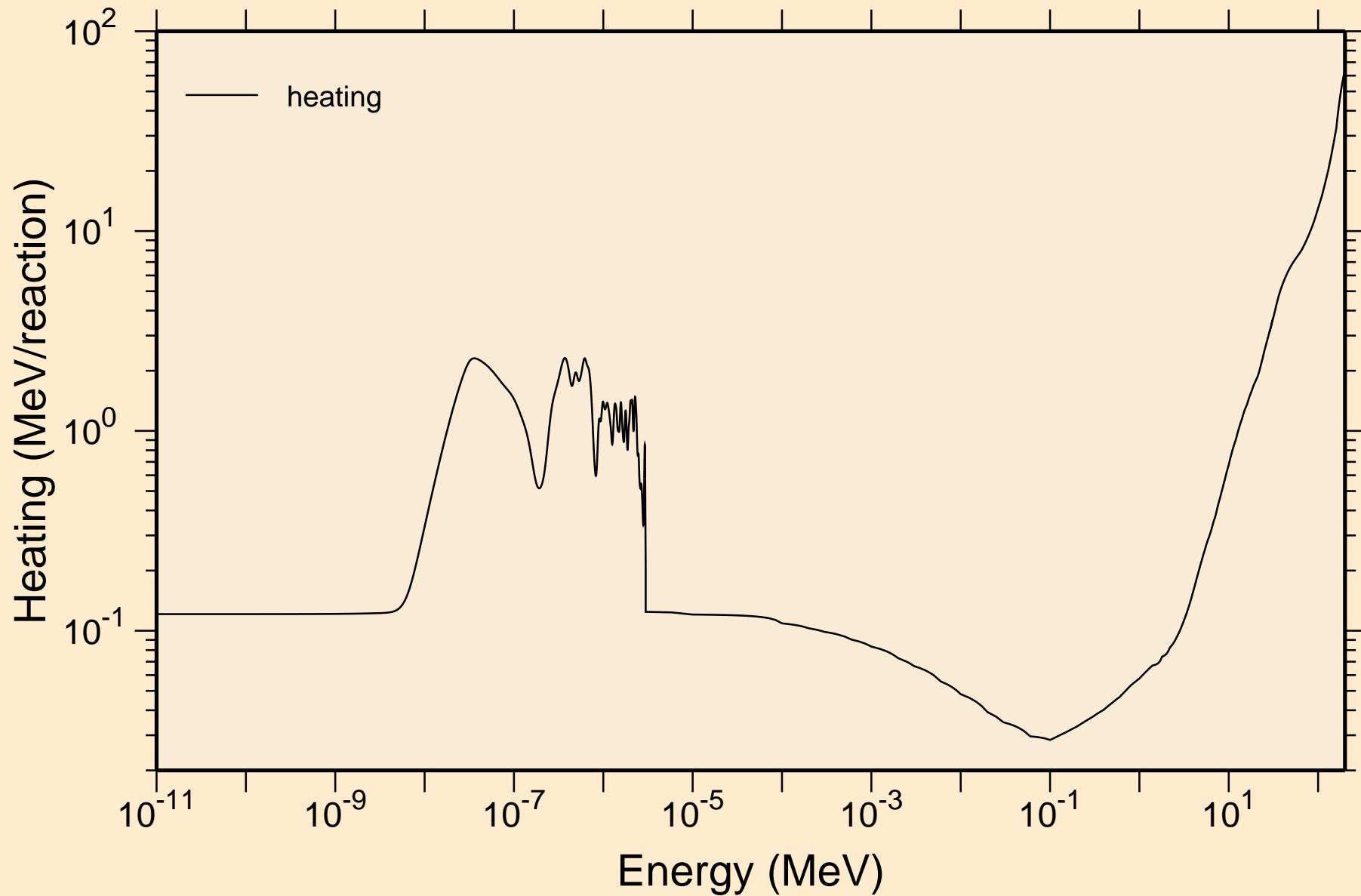
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



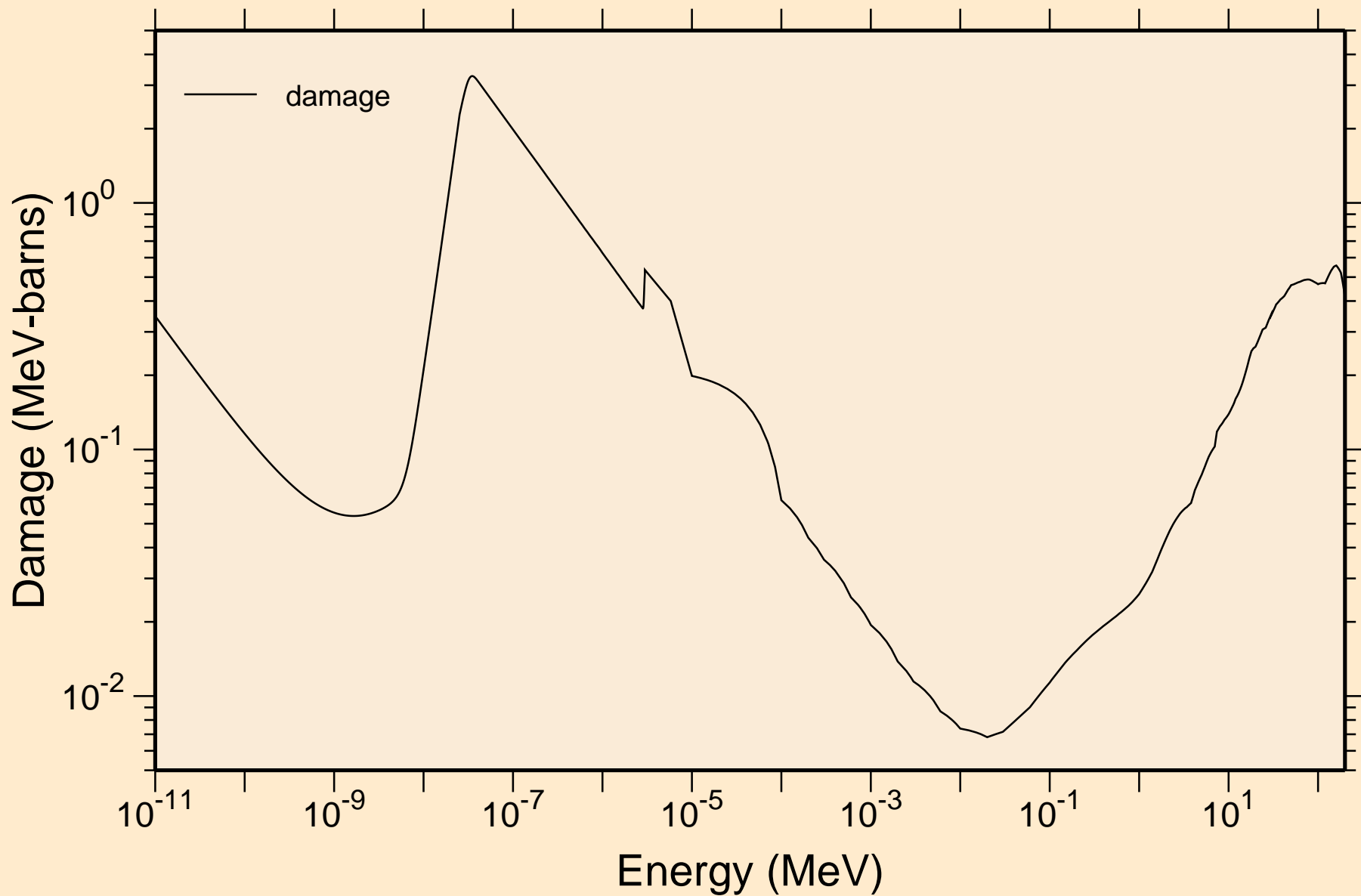
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



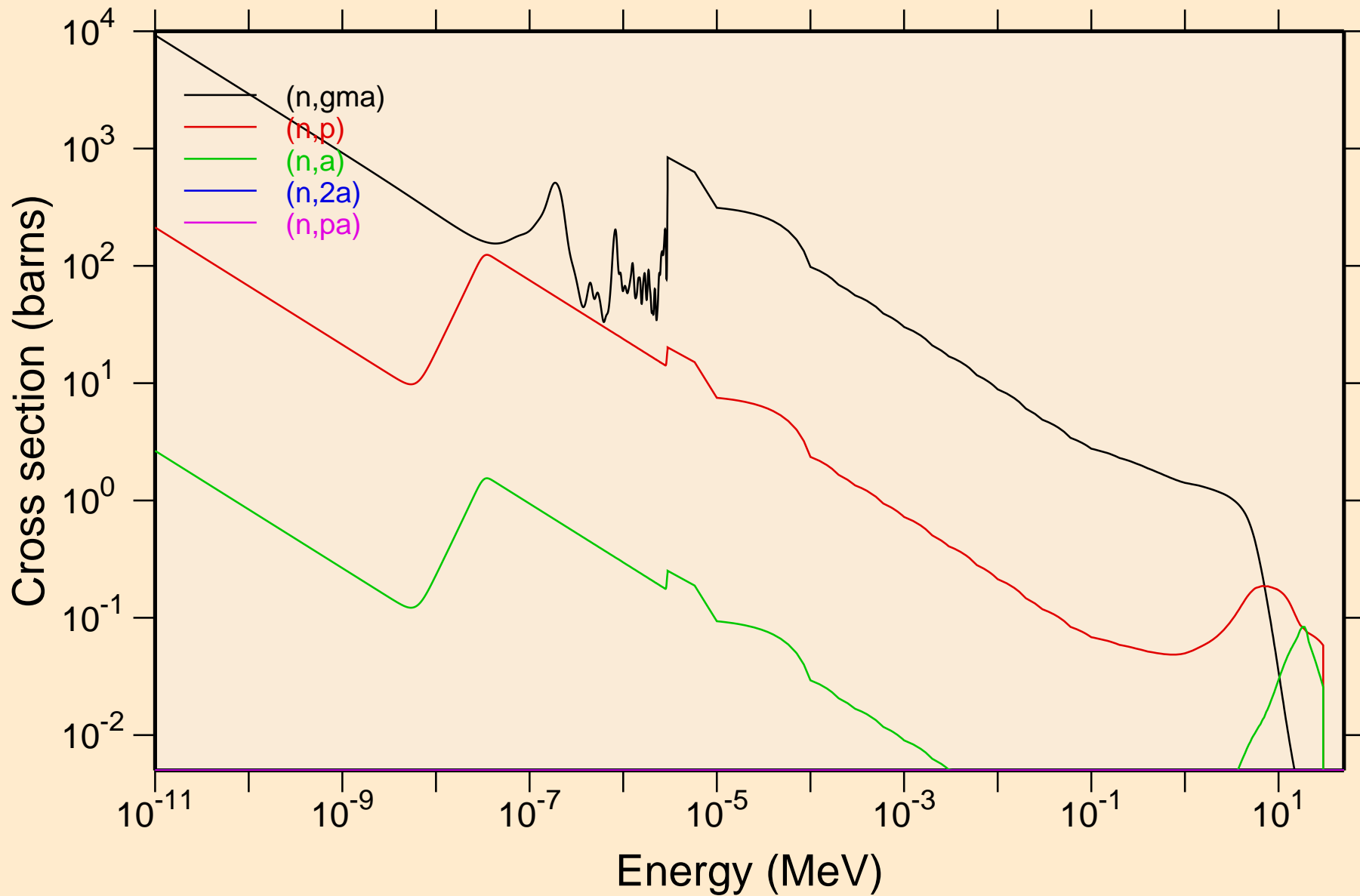
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



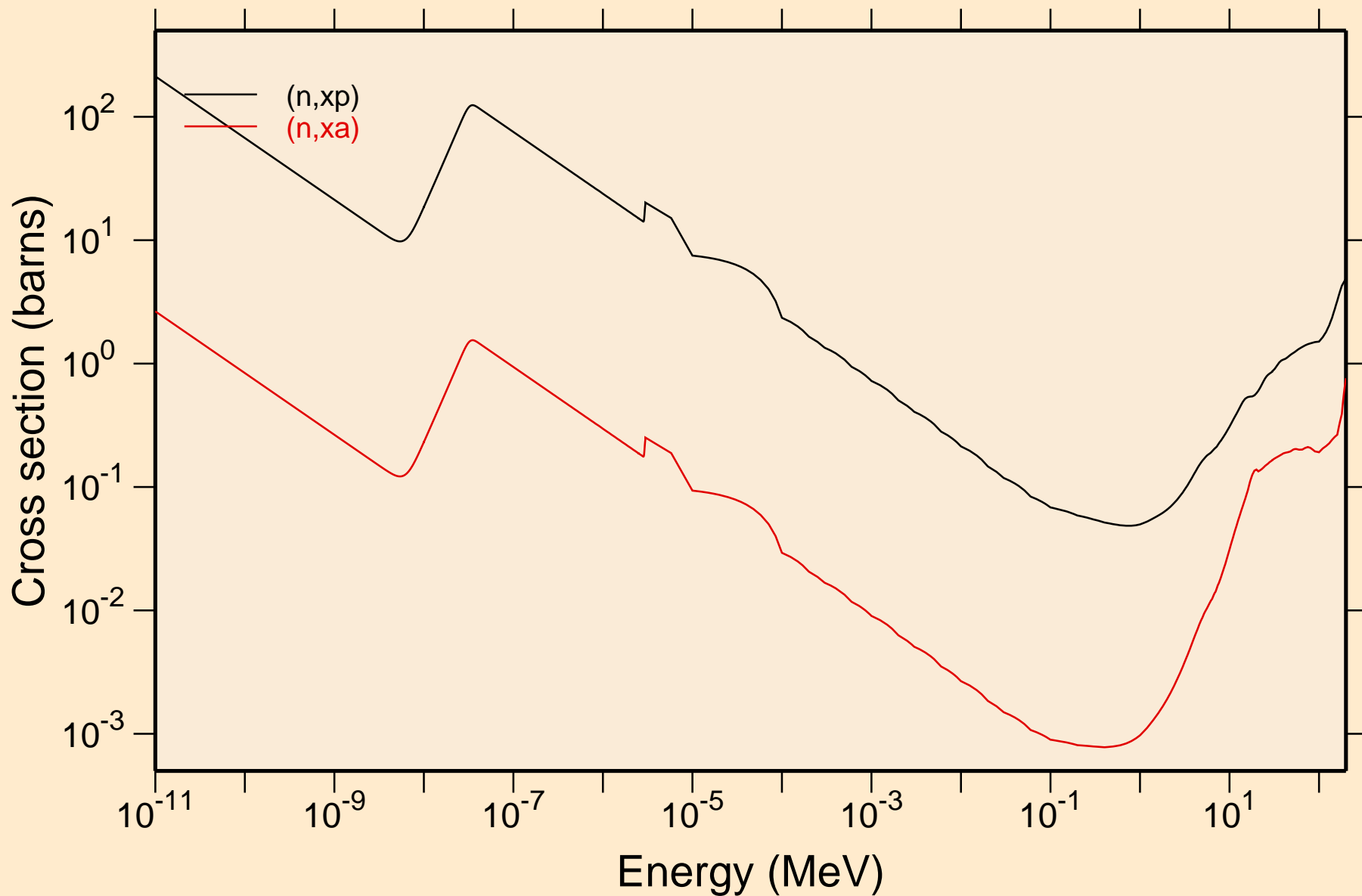
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



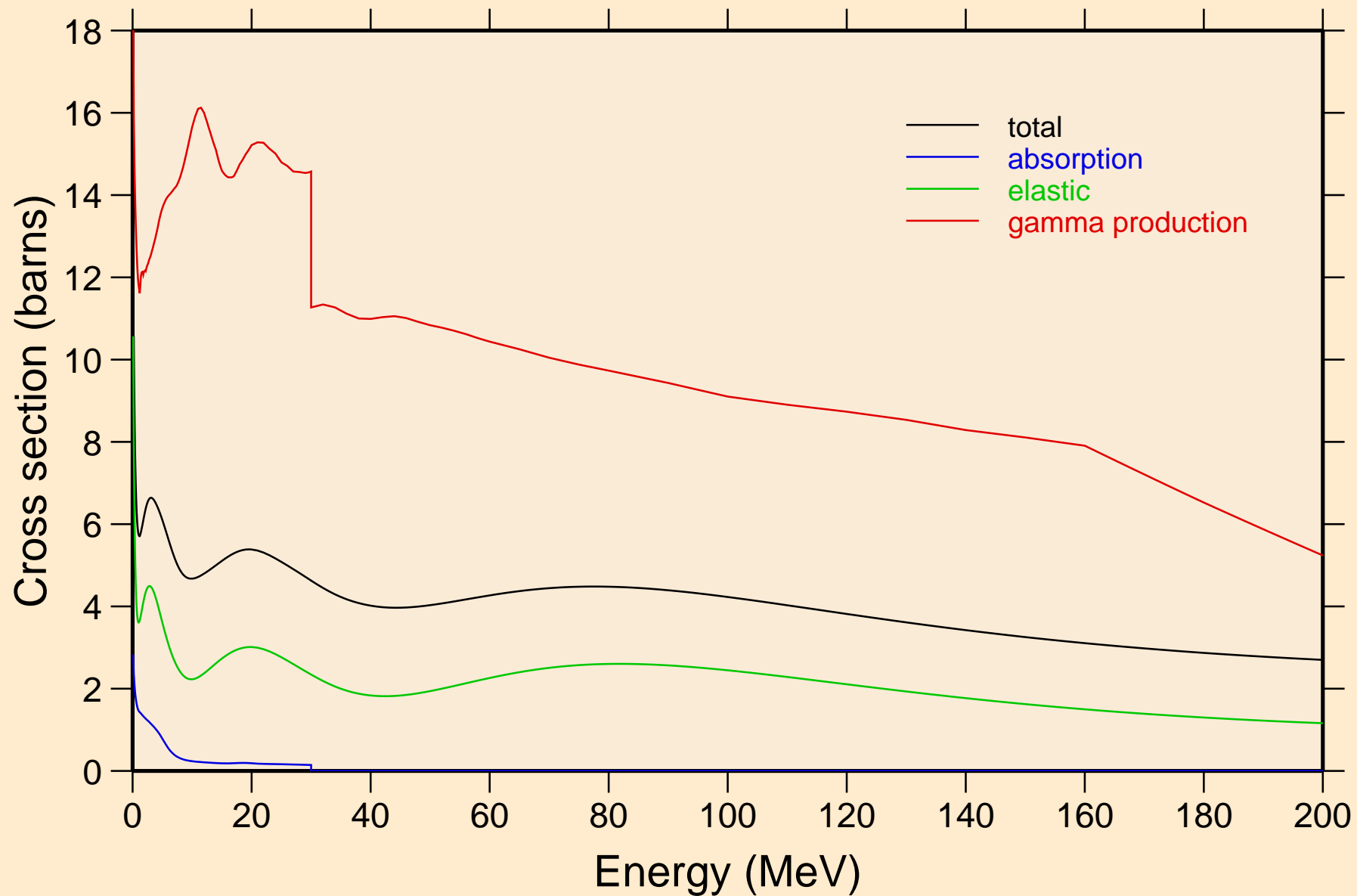
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



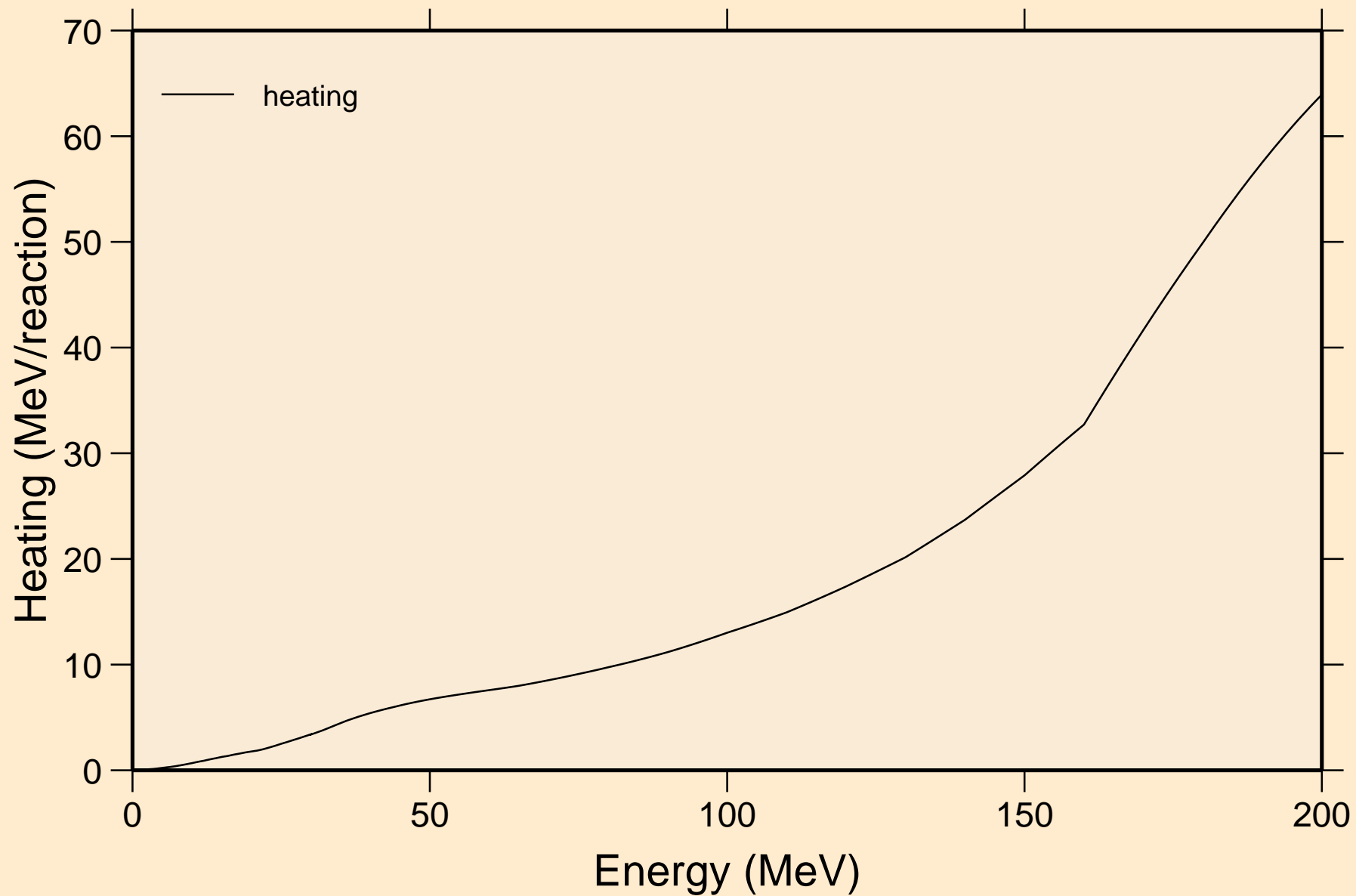
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections

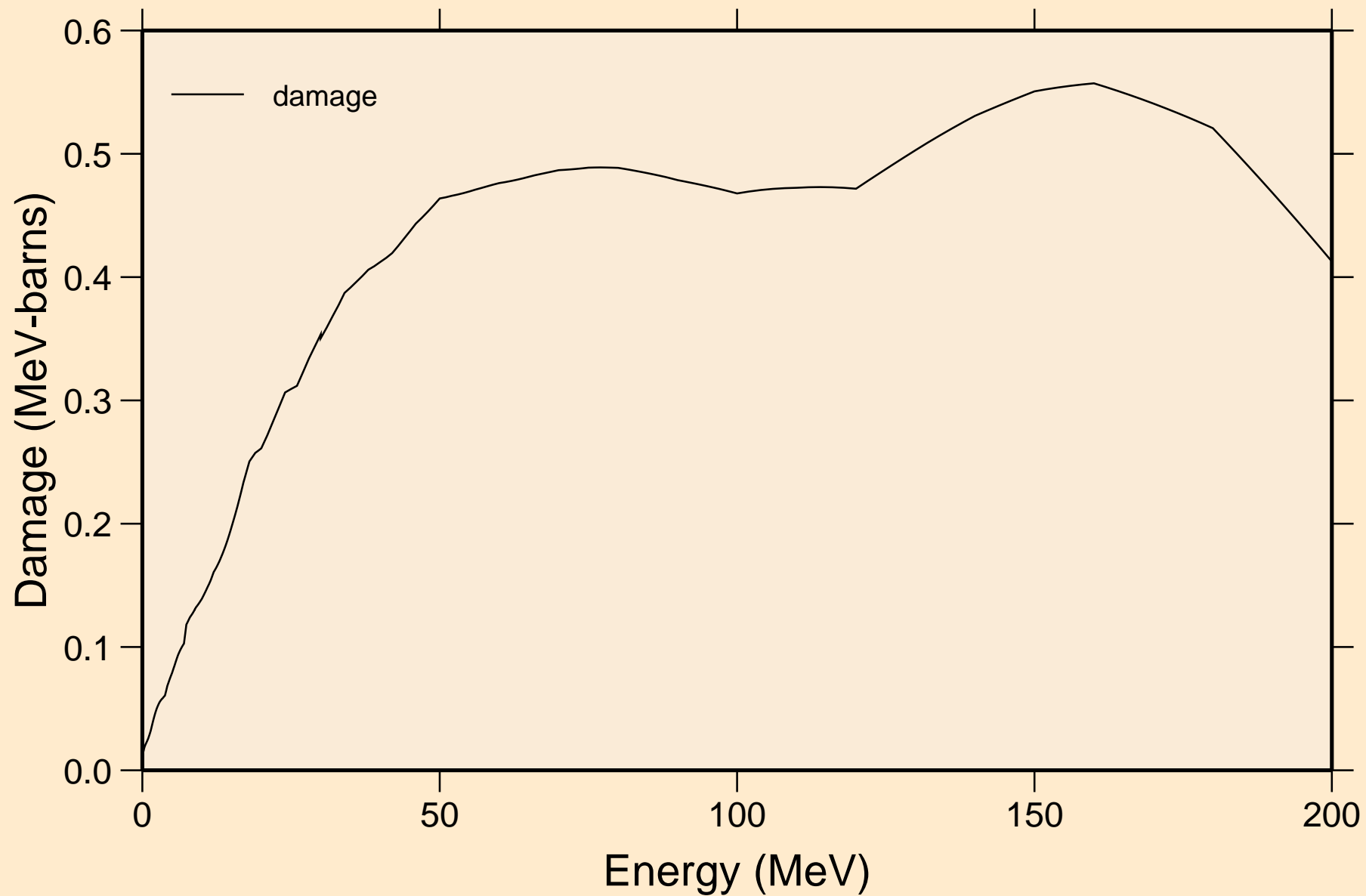


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating

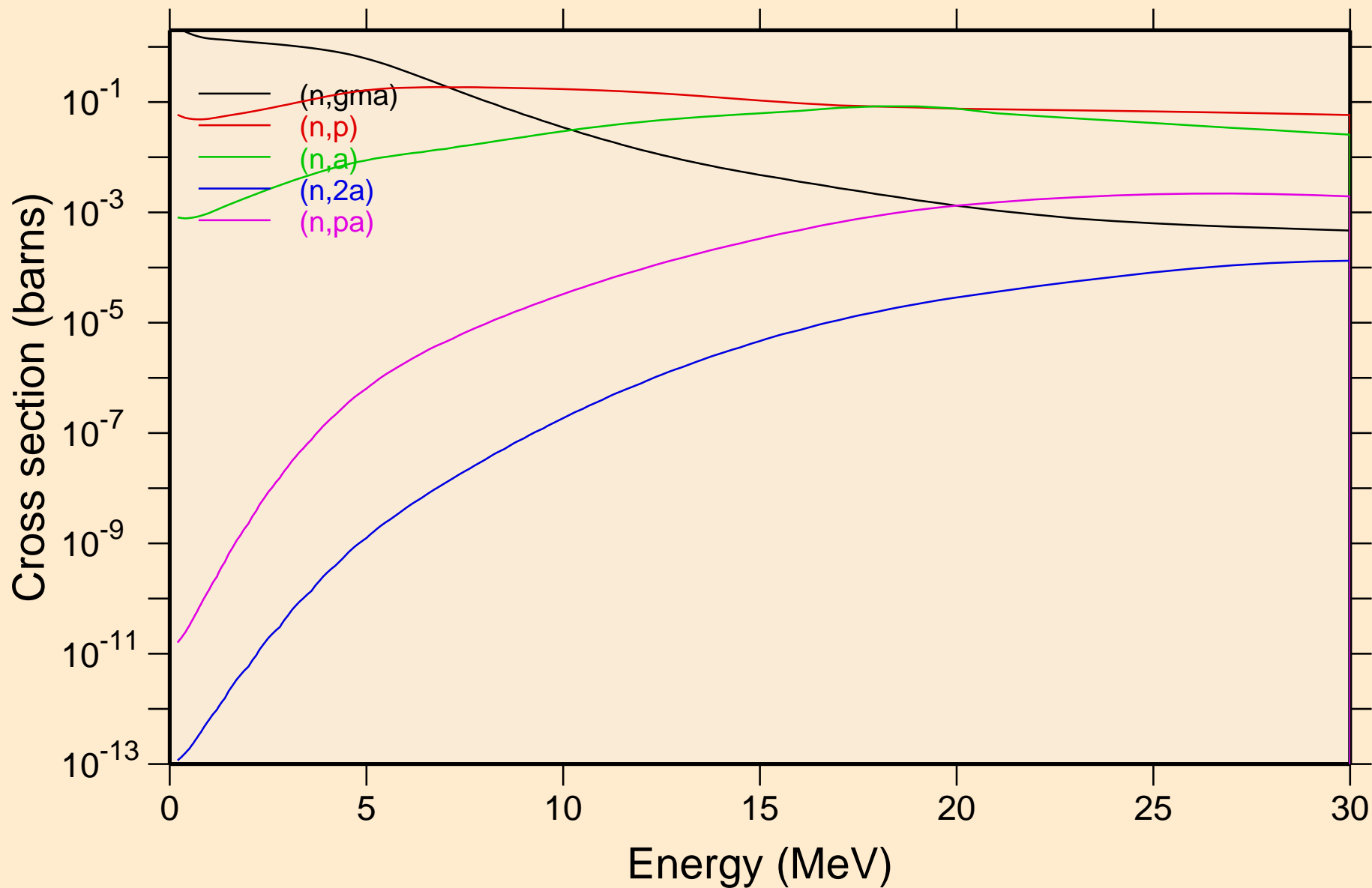




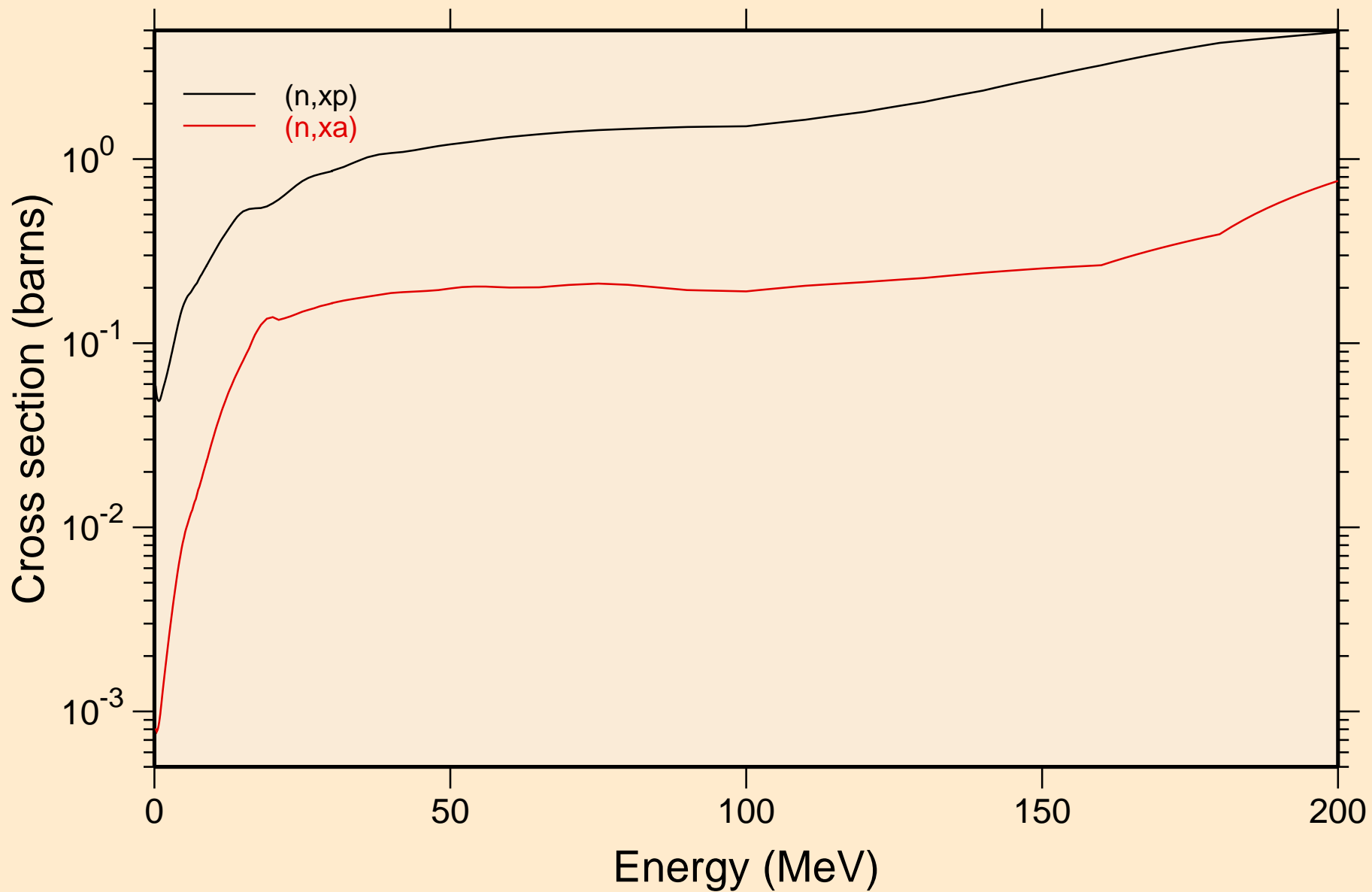
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



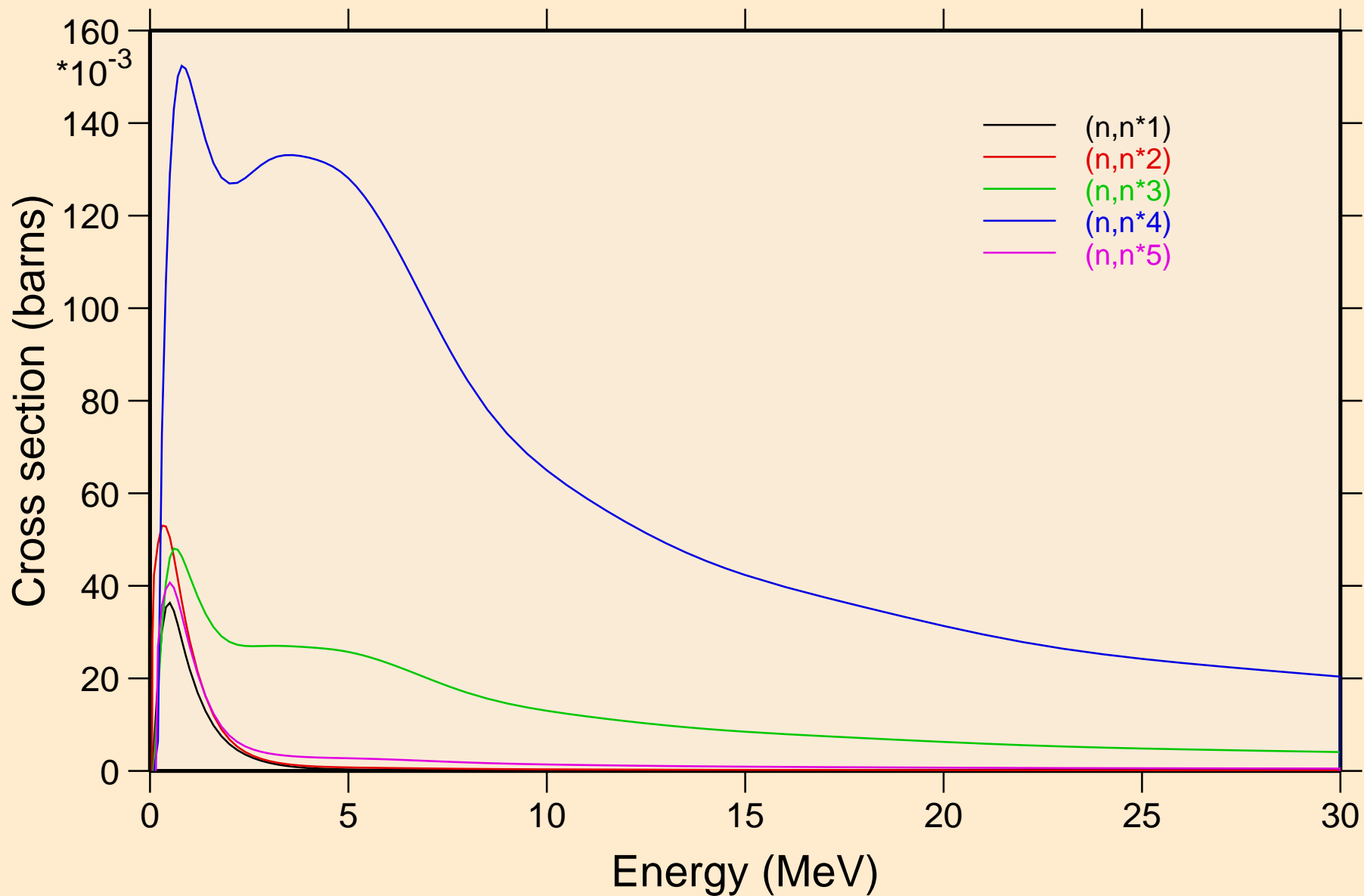
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



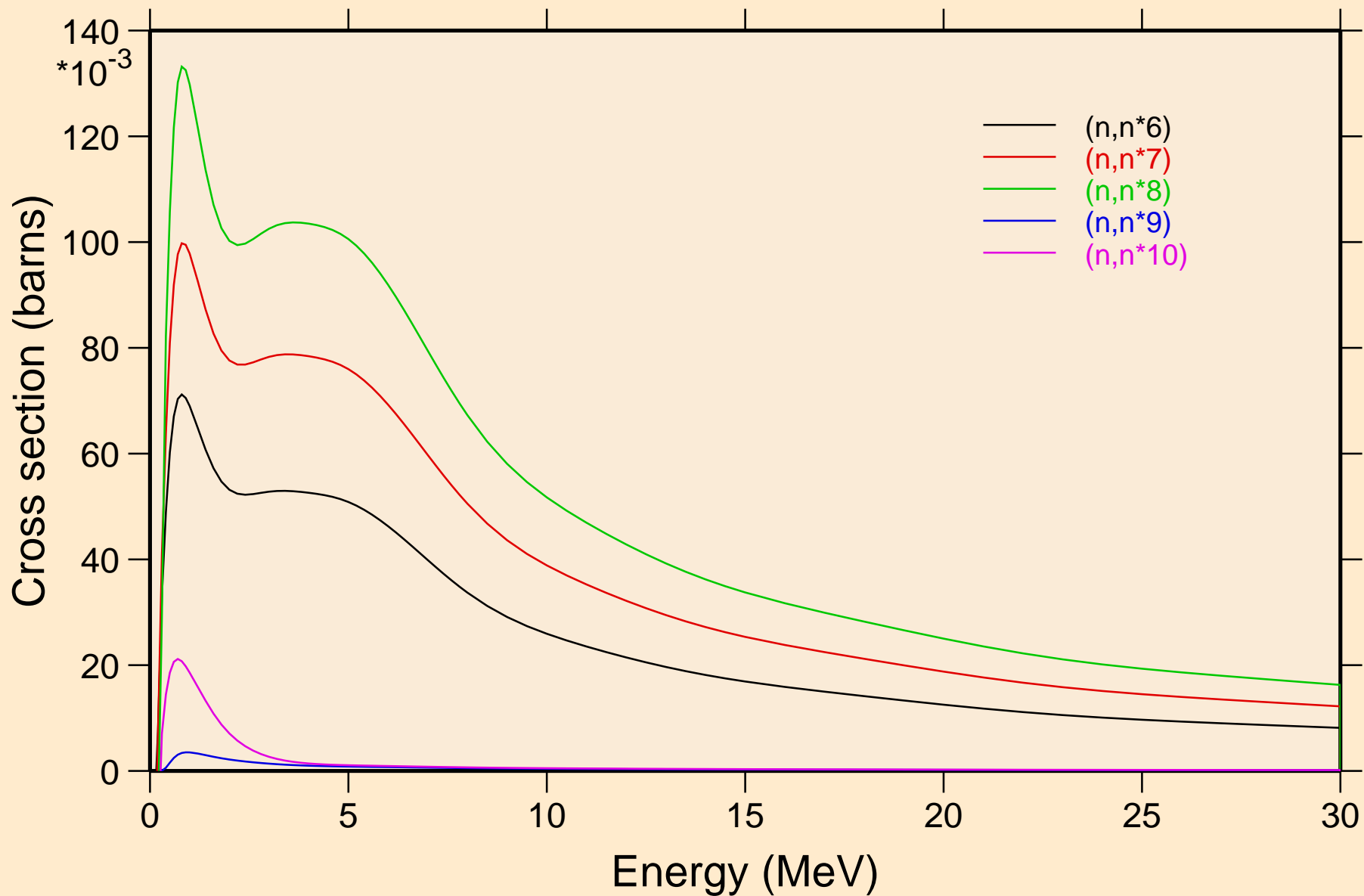
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



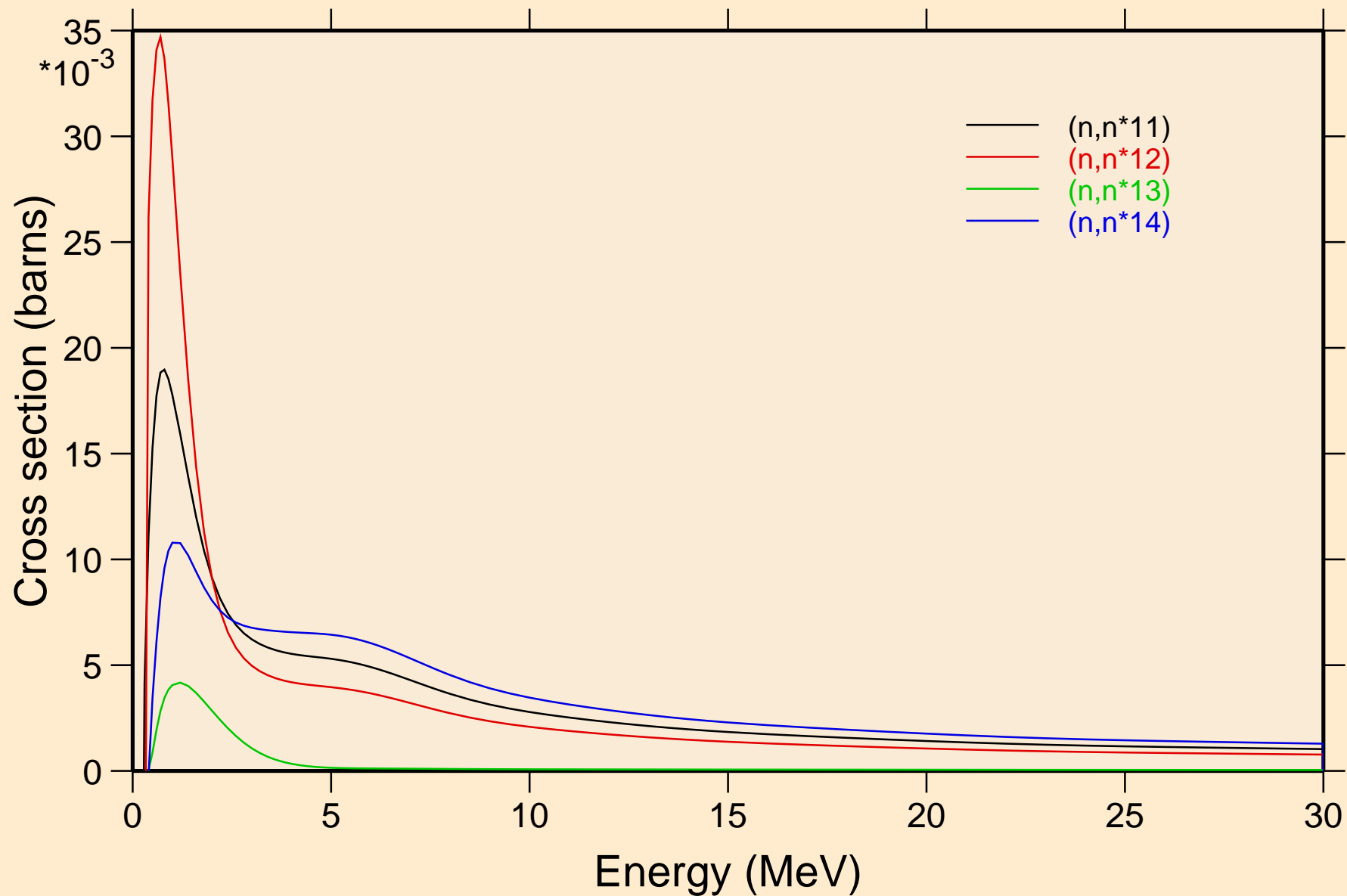
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



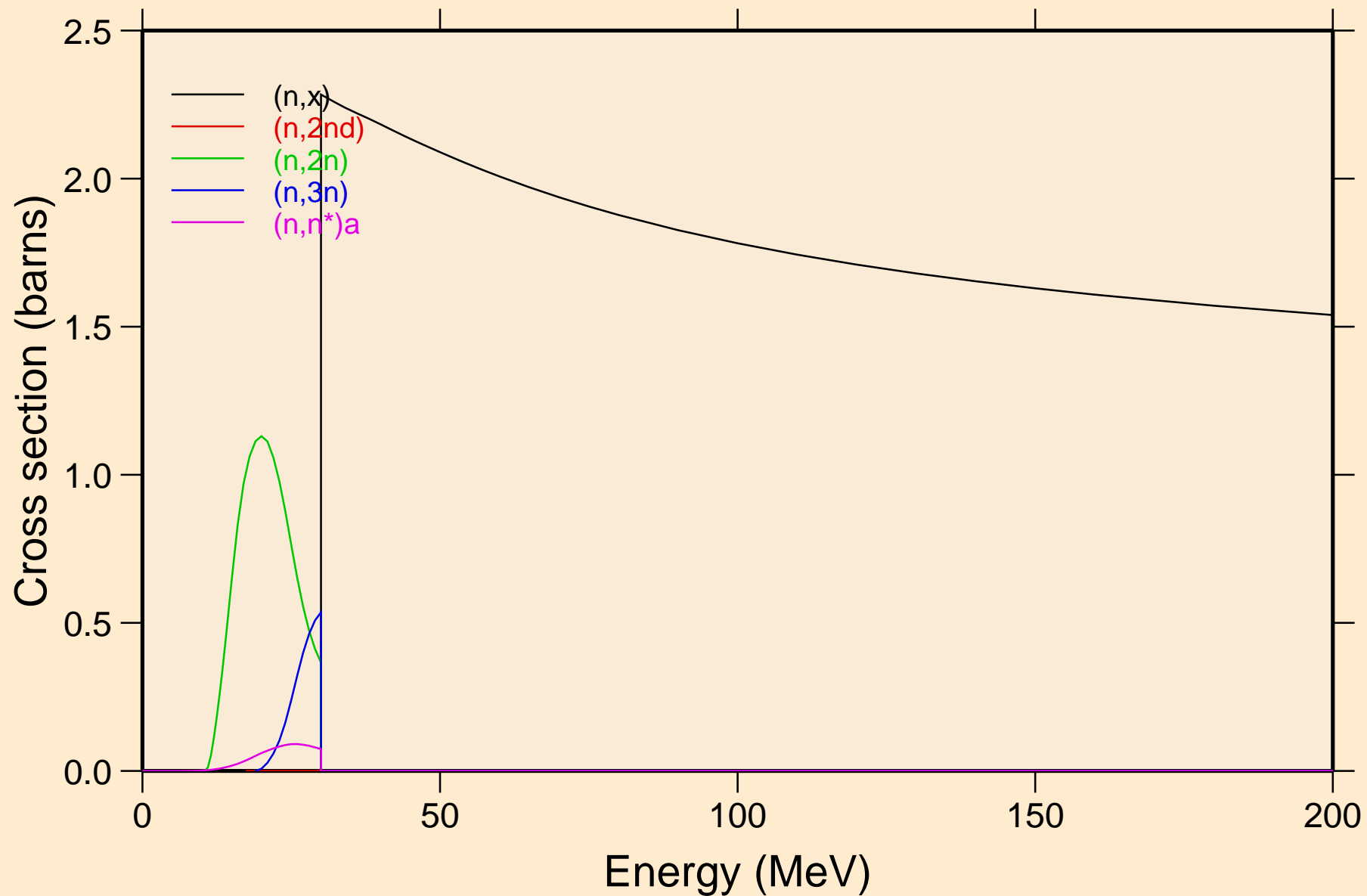
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



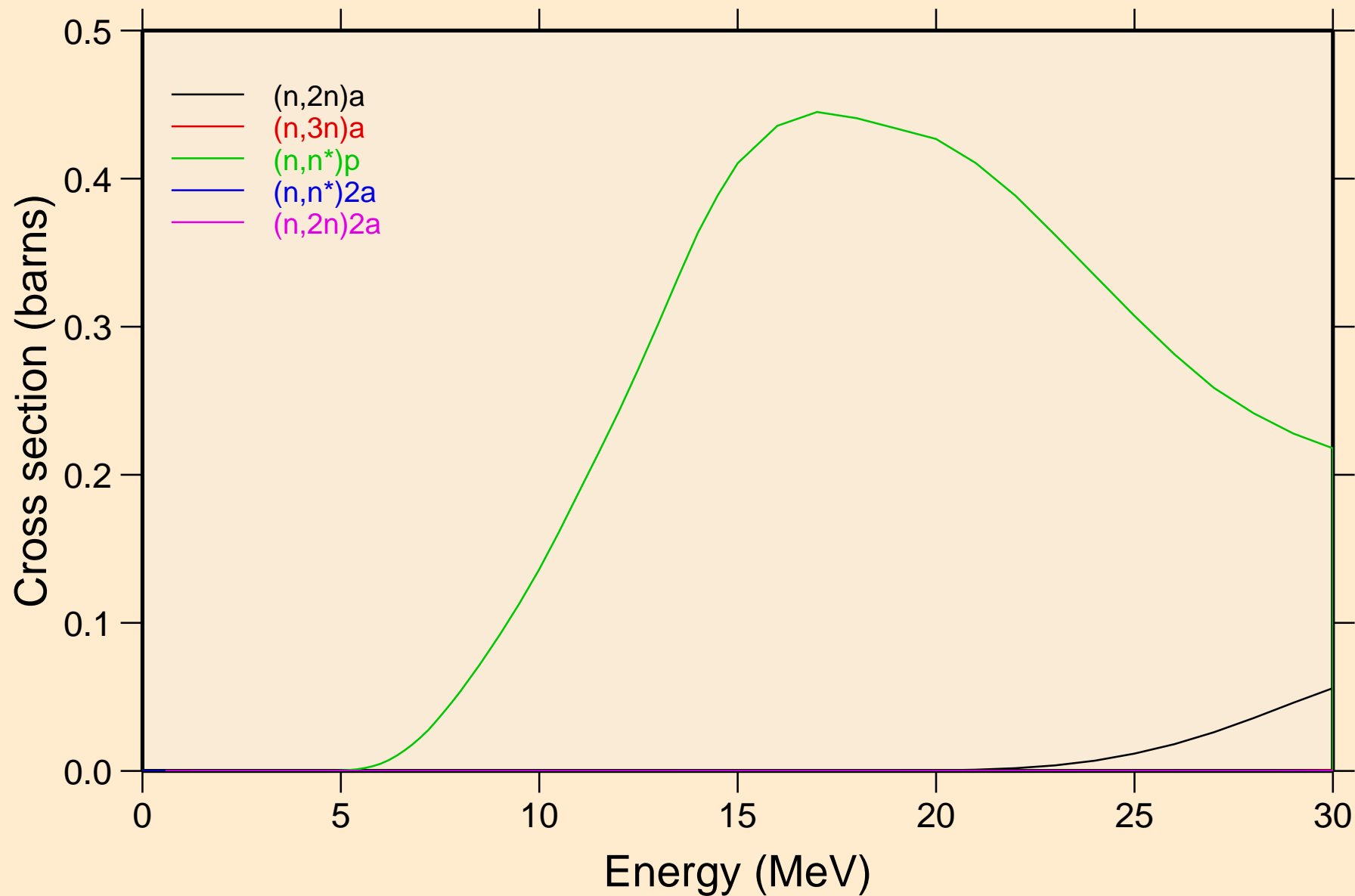
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

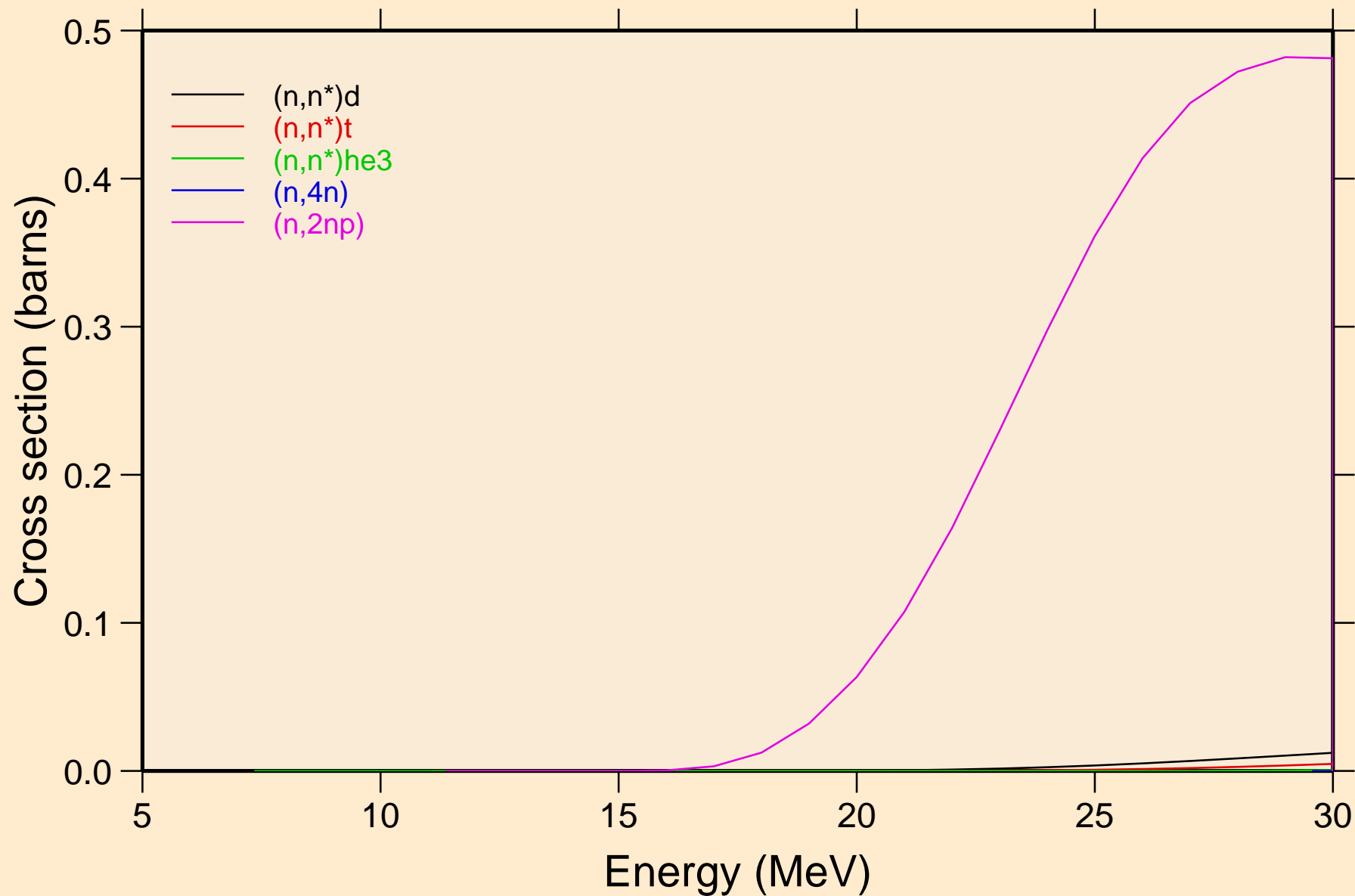


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

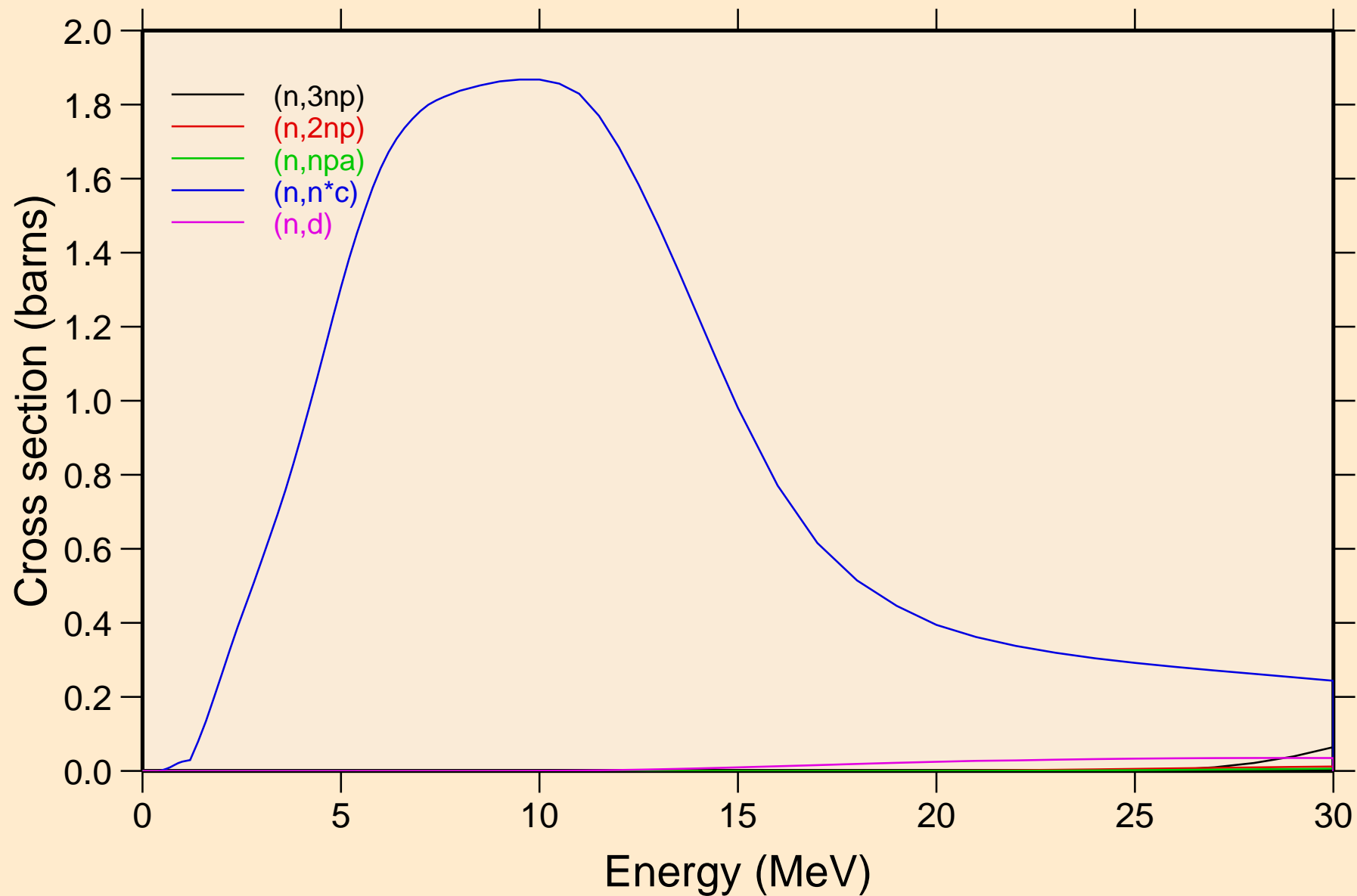




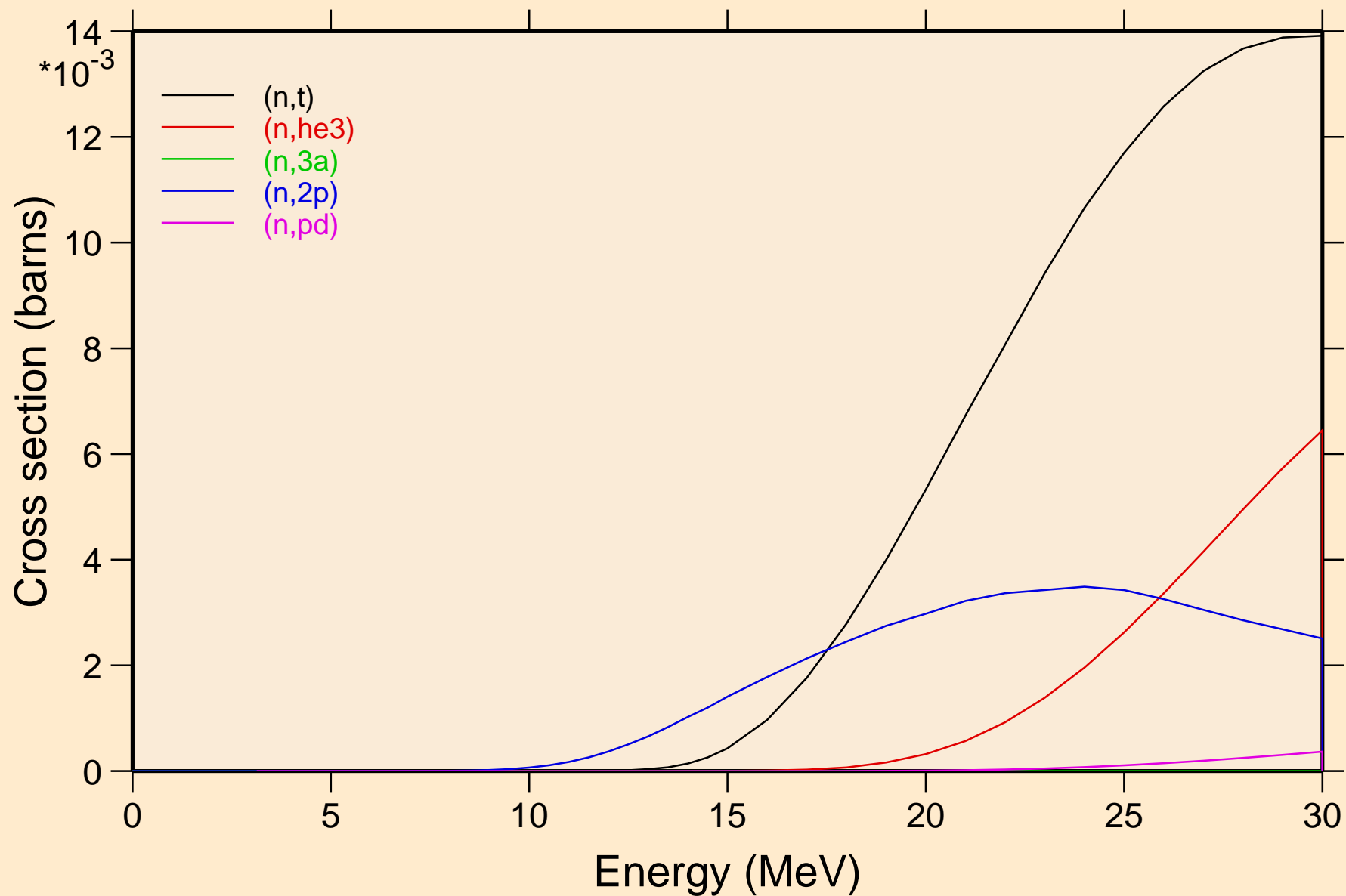
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



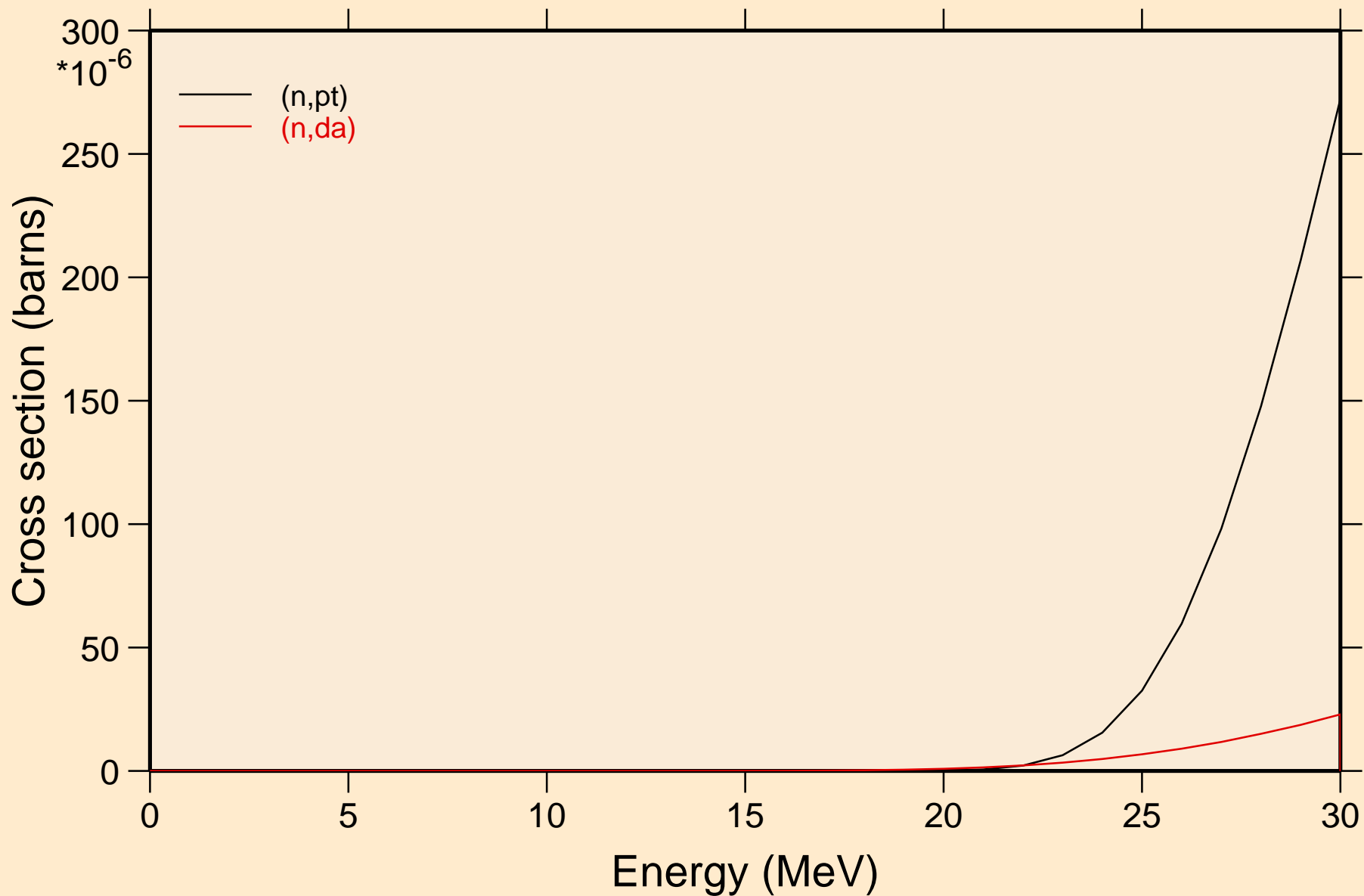
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



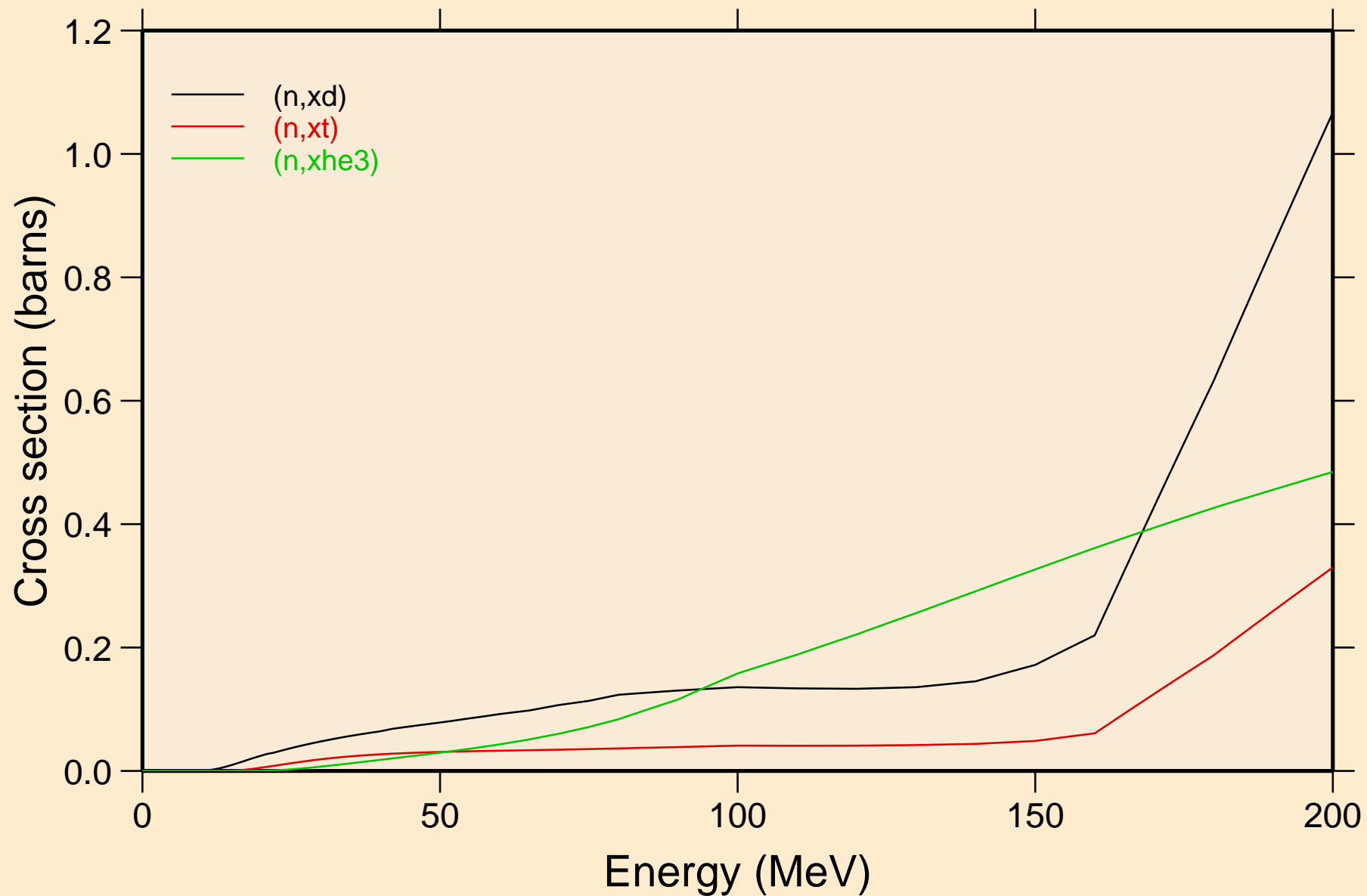
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



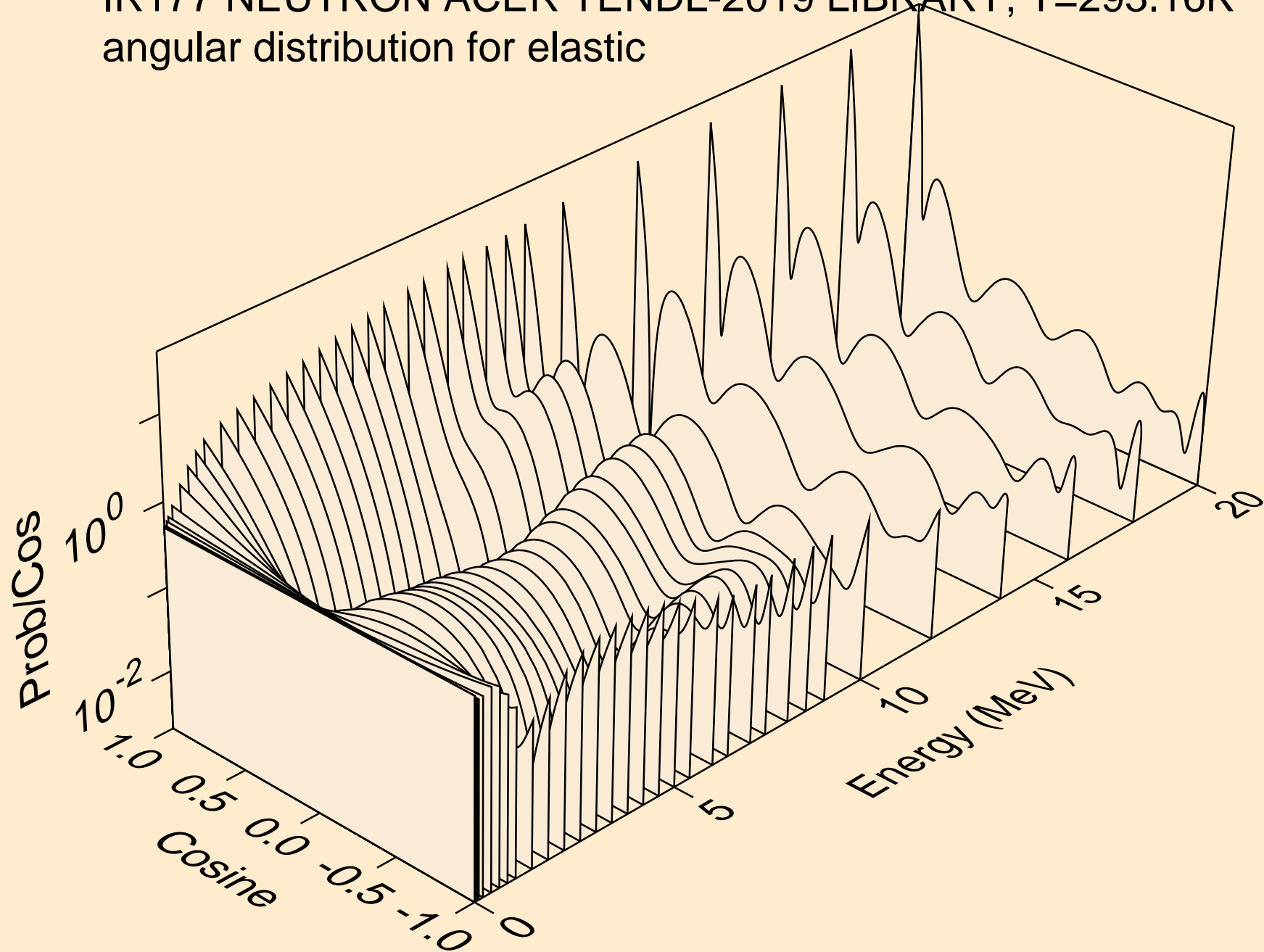
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



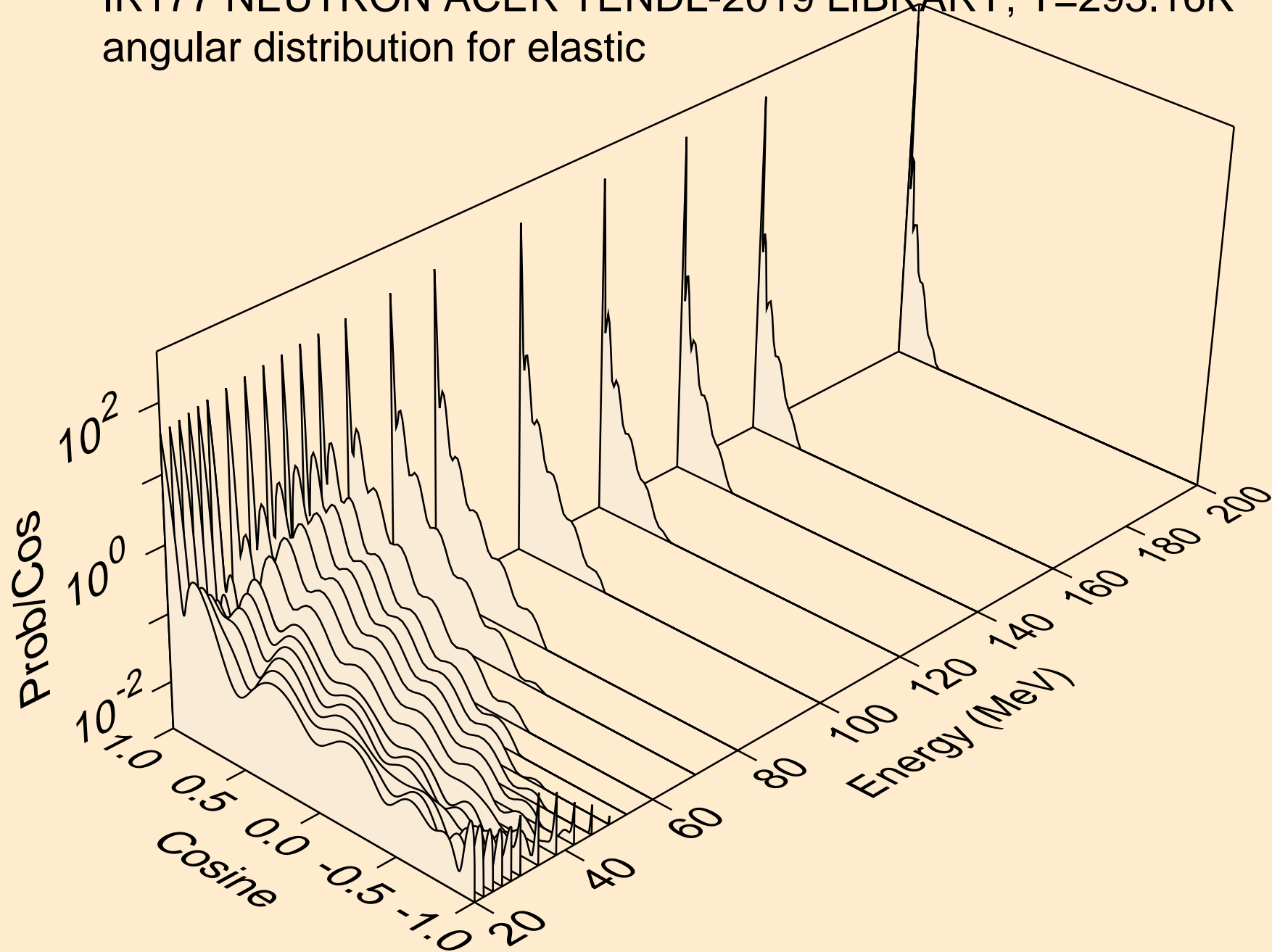
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



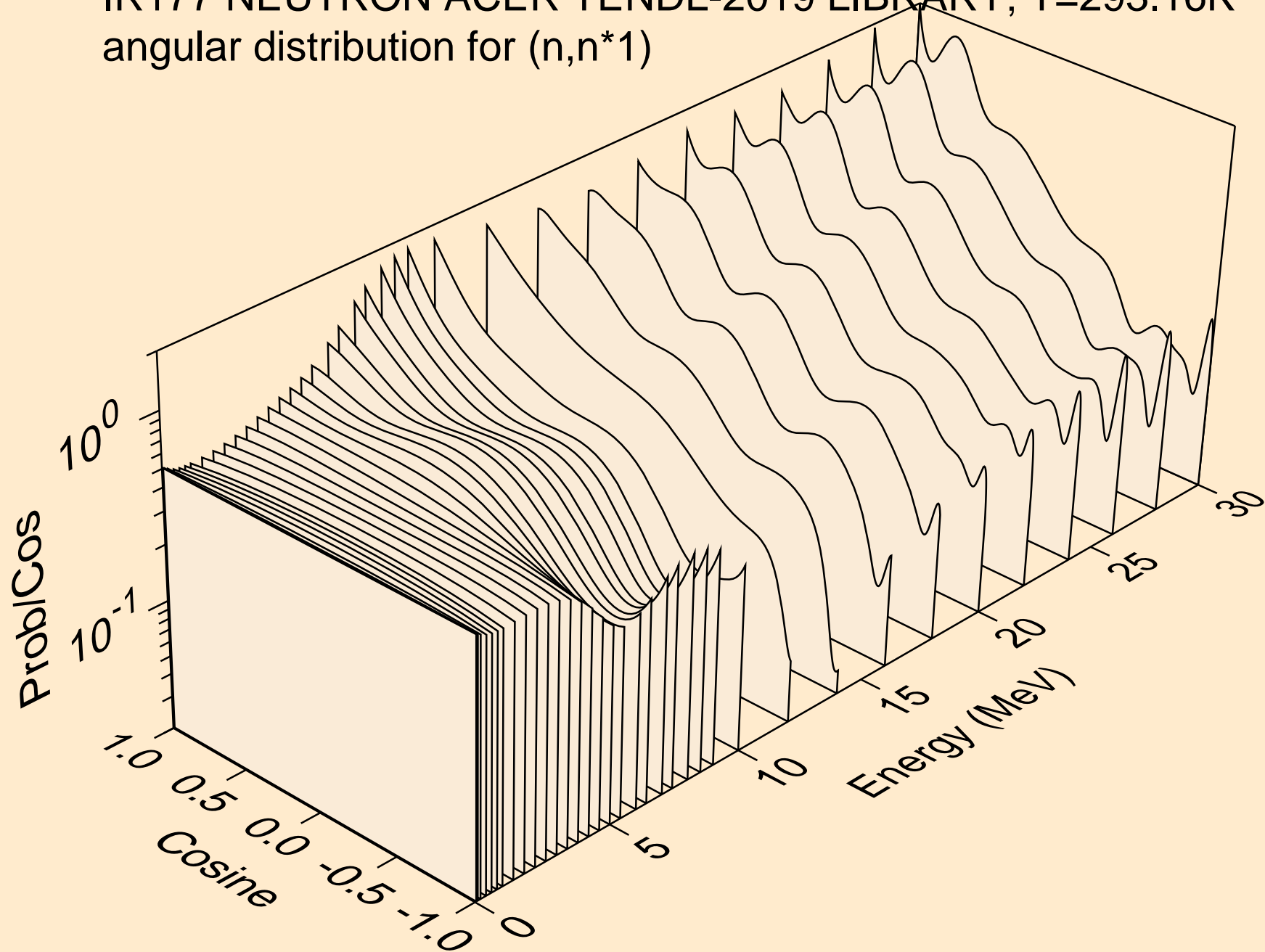
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

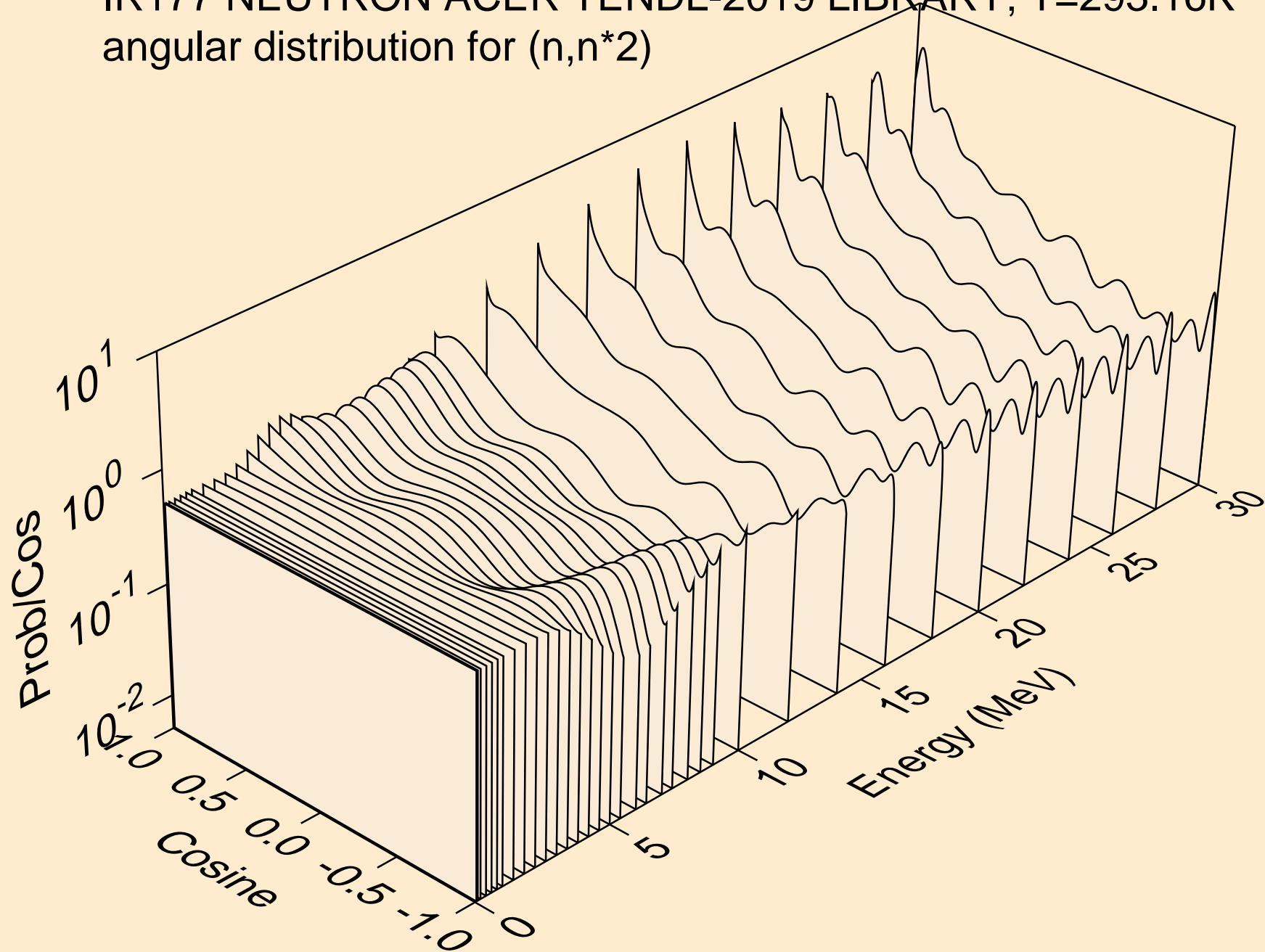


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

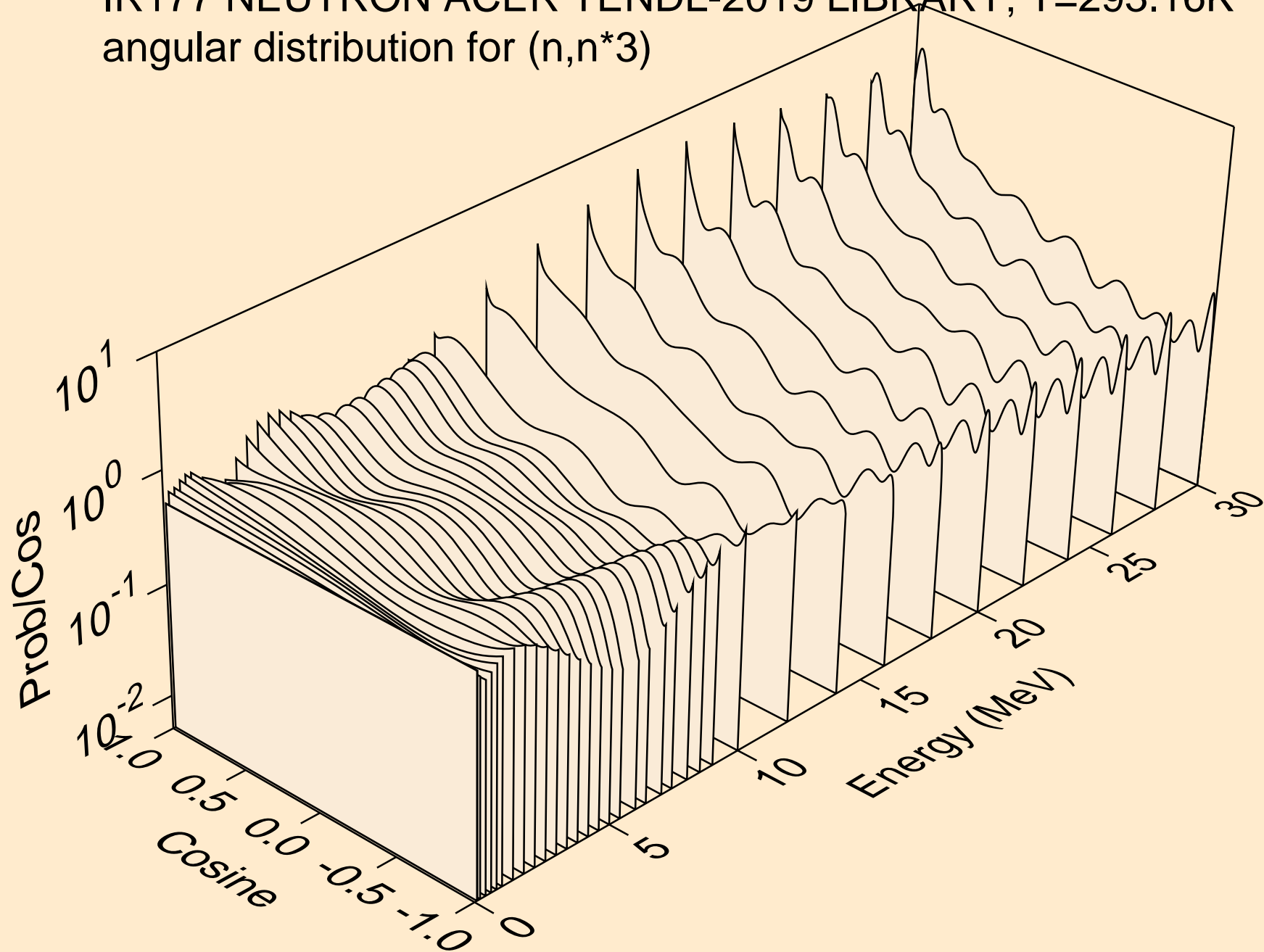




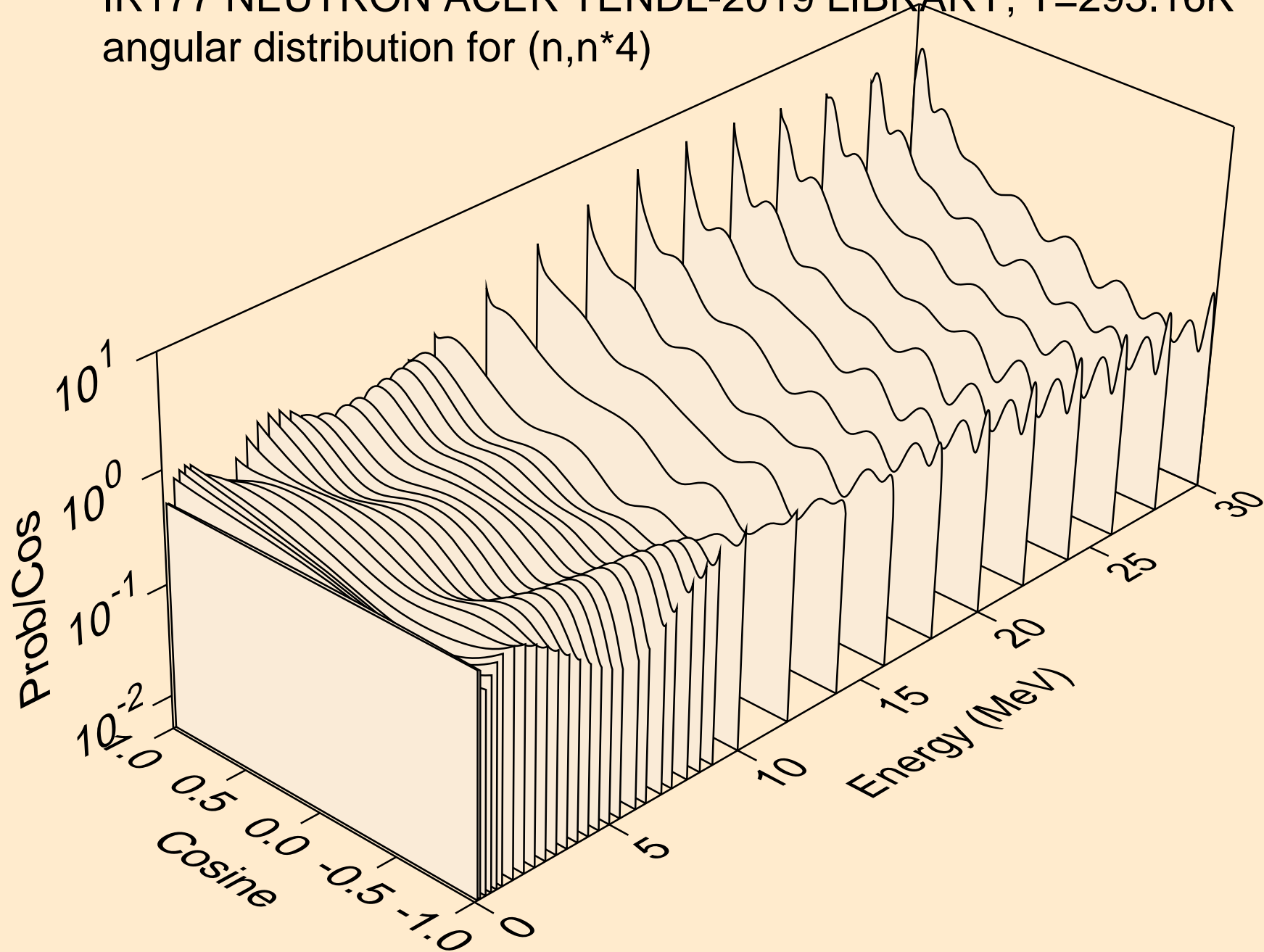
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



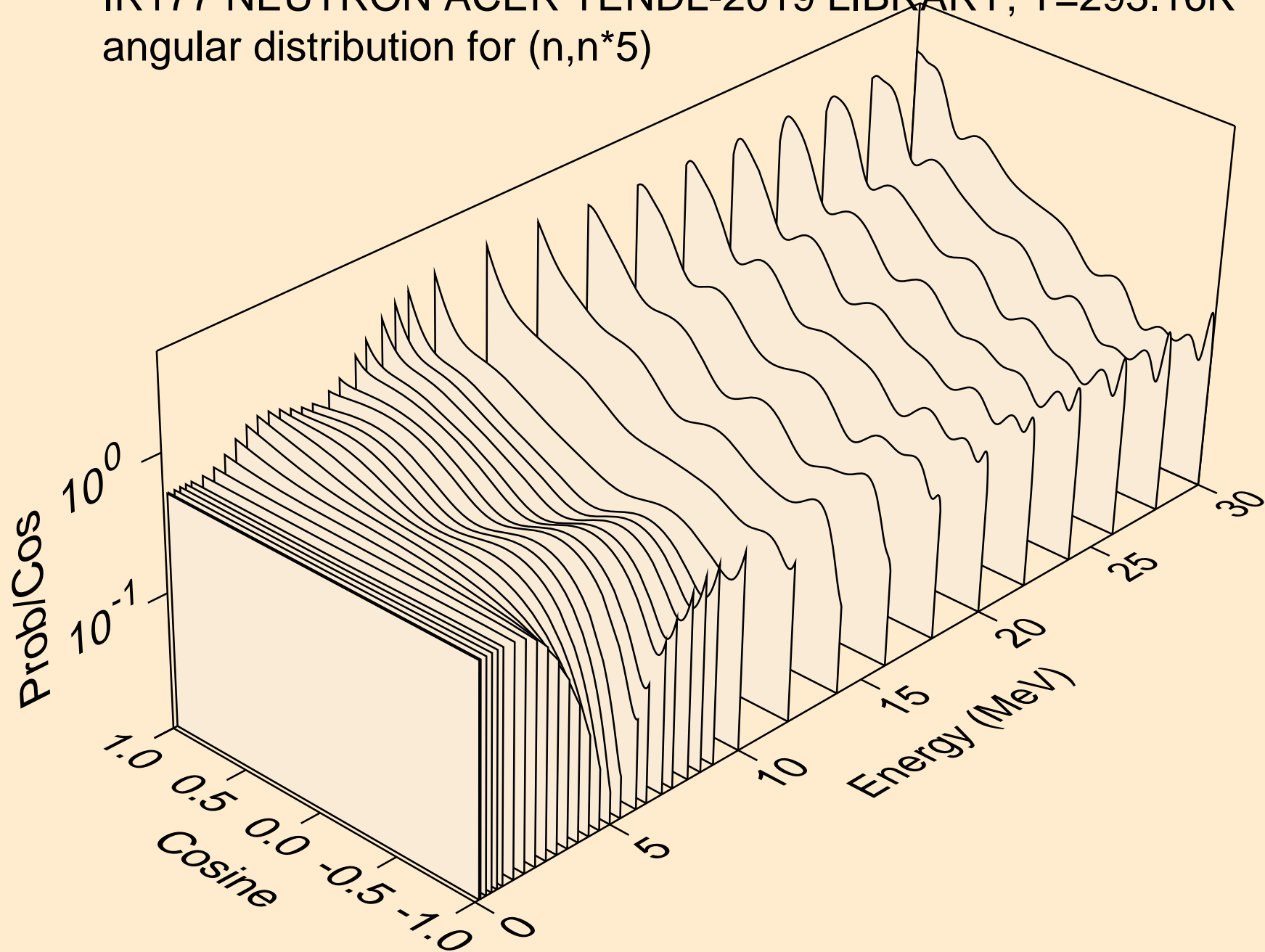
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



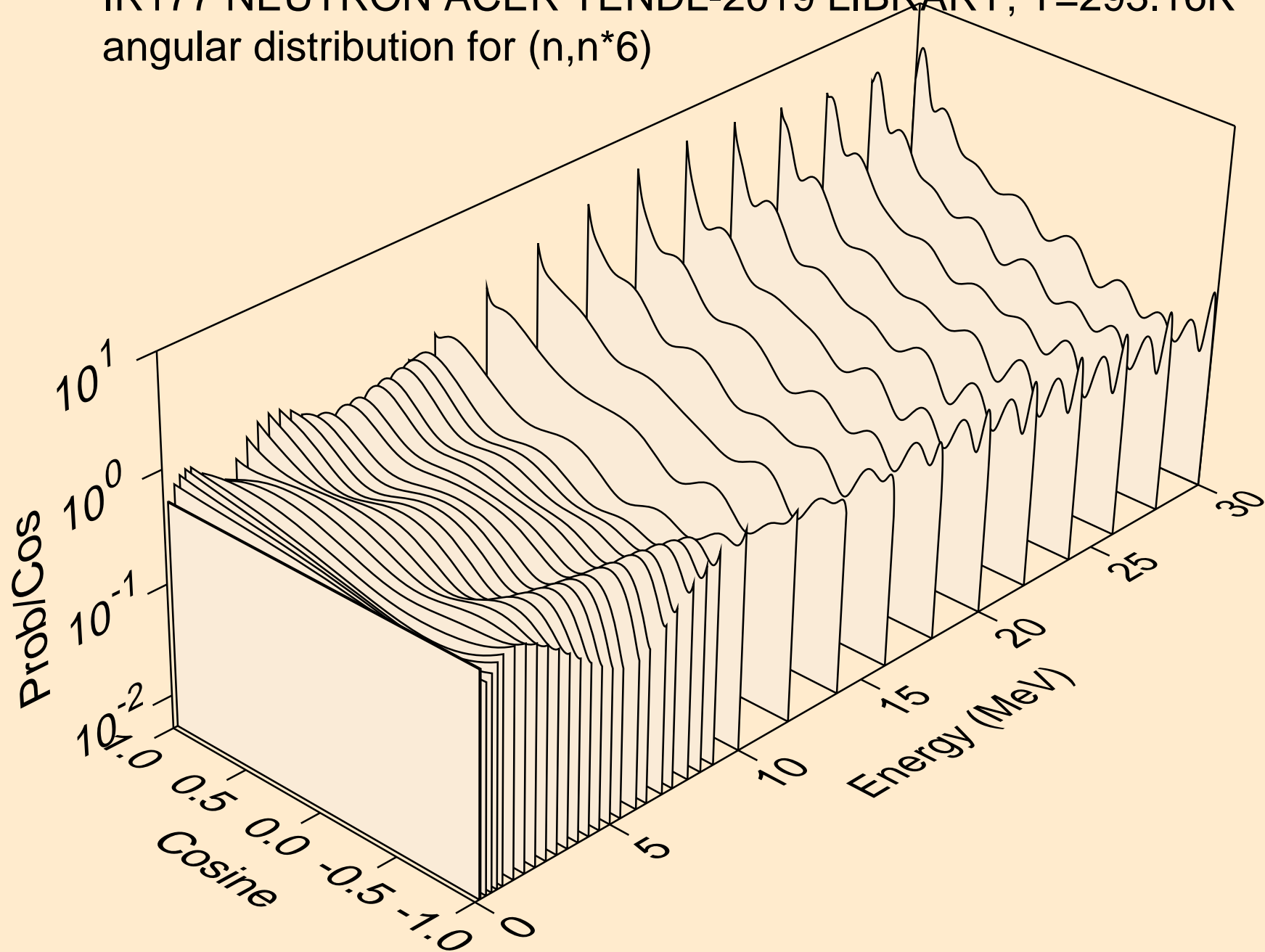
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



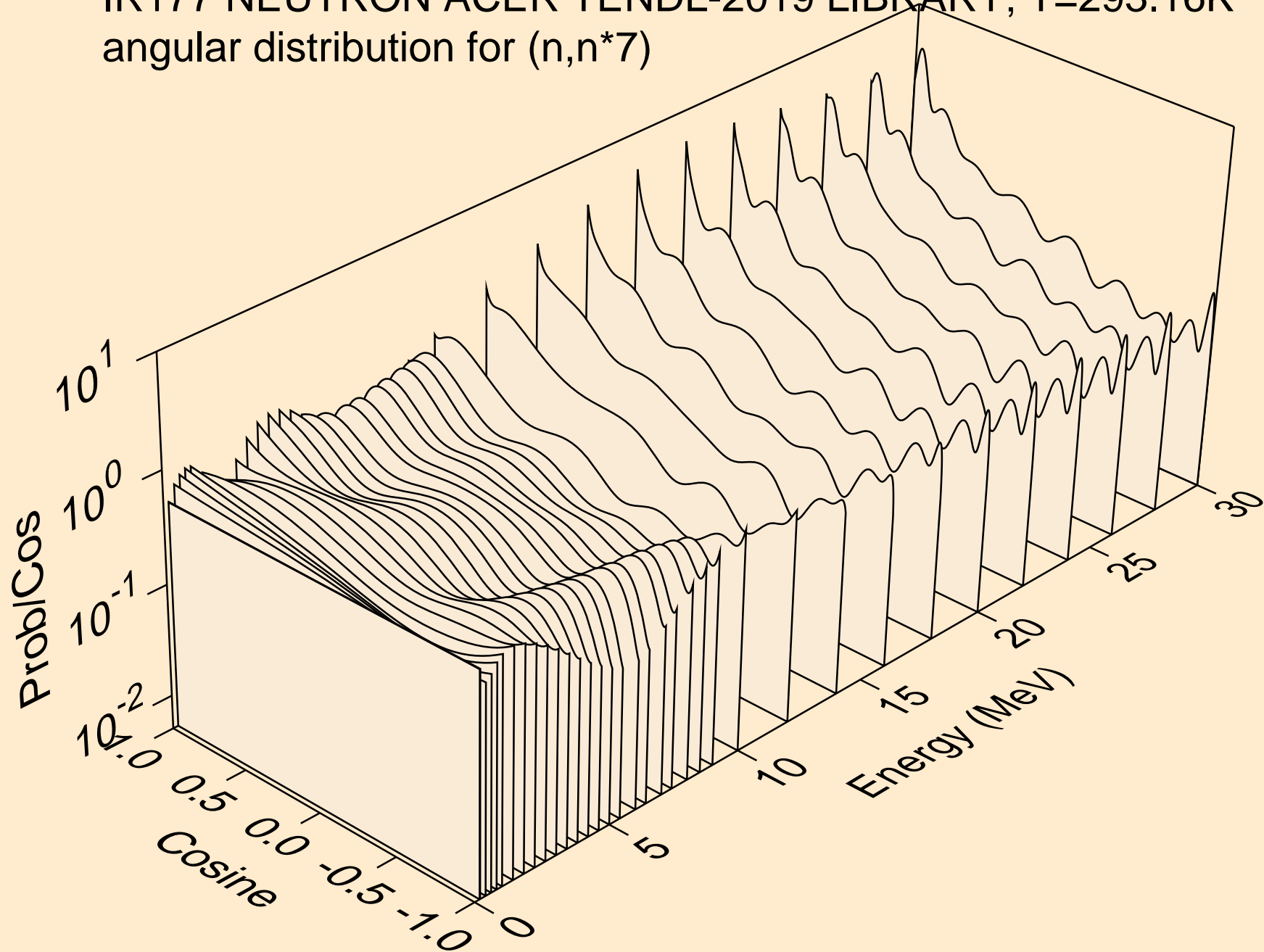
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



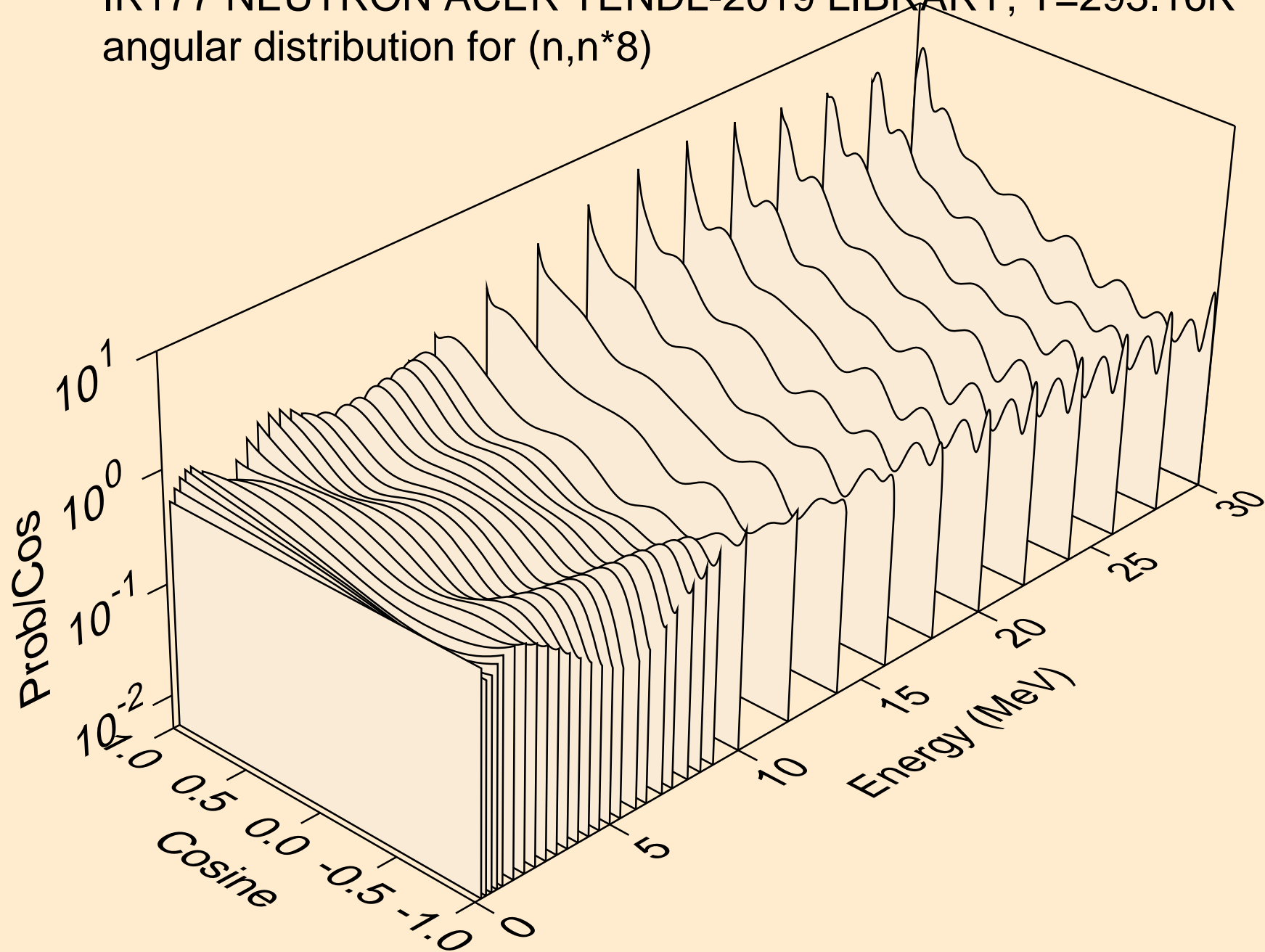
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



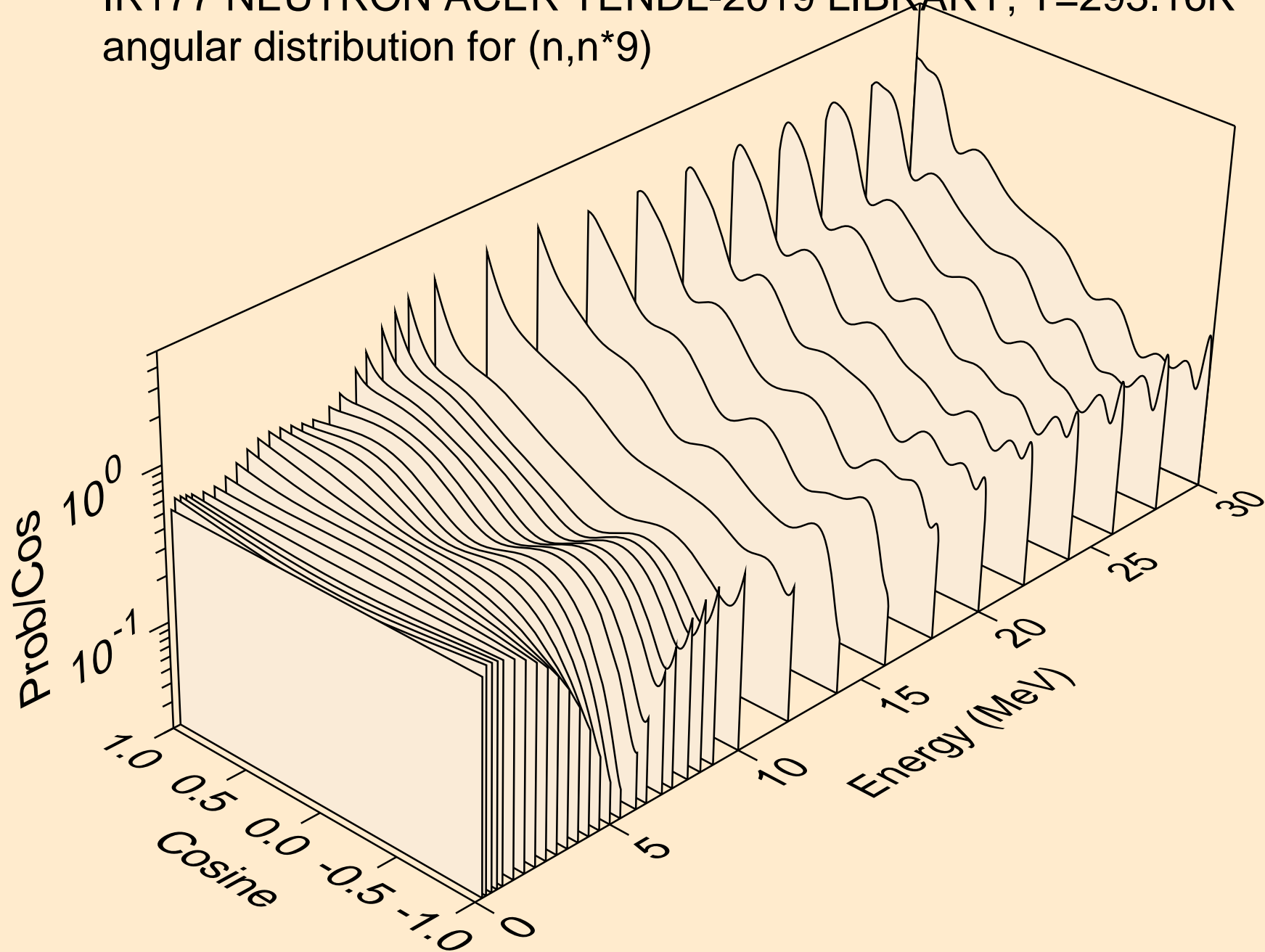
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)

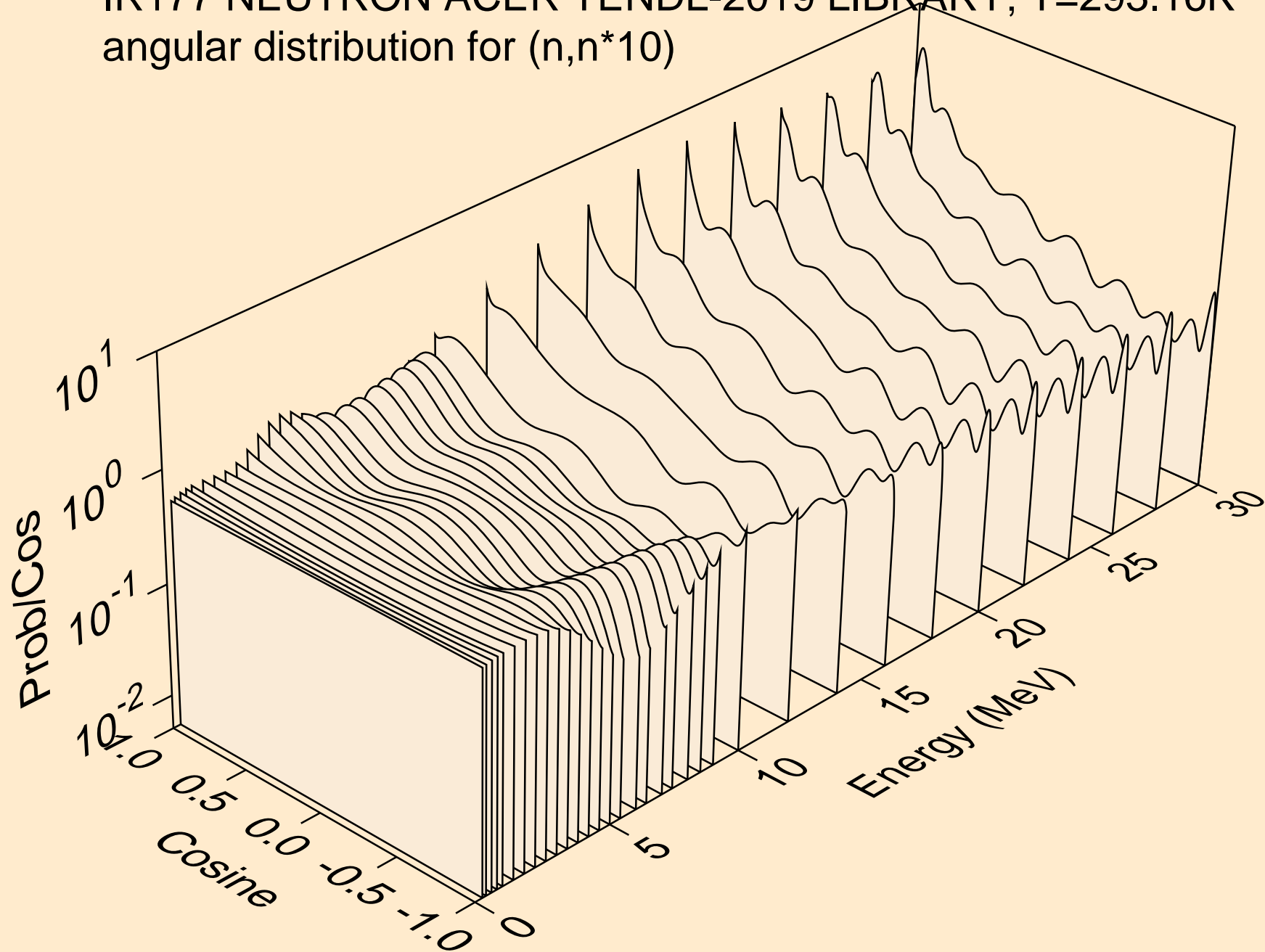


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)

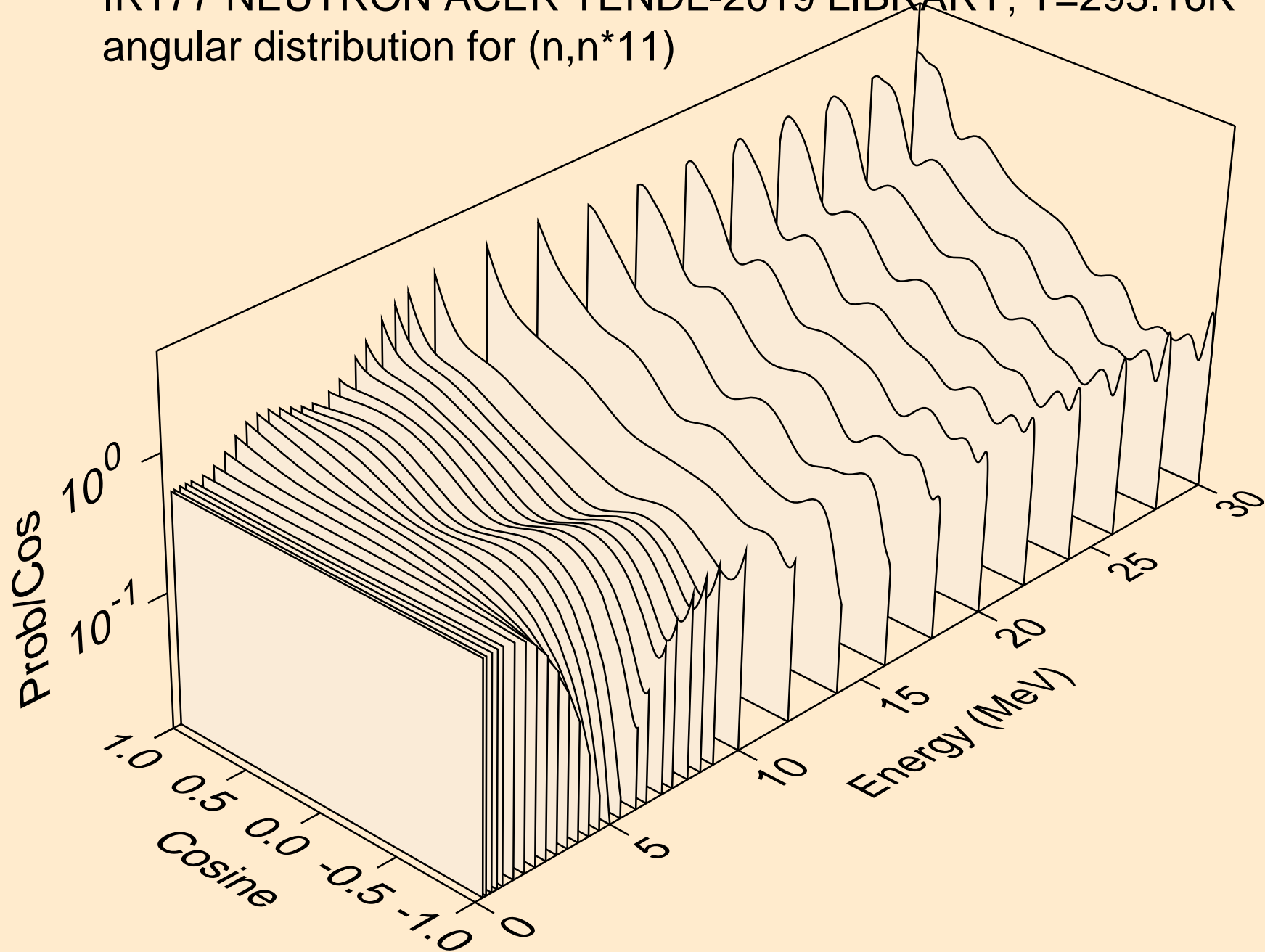




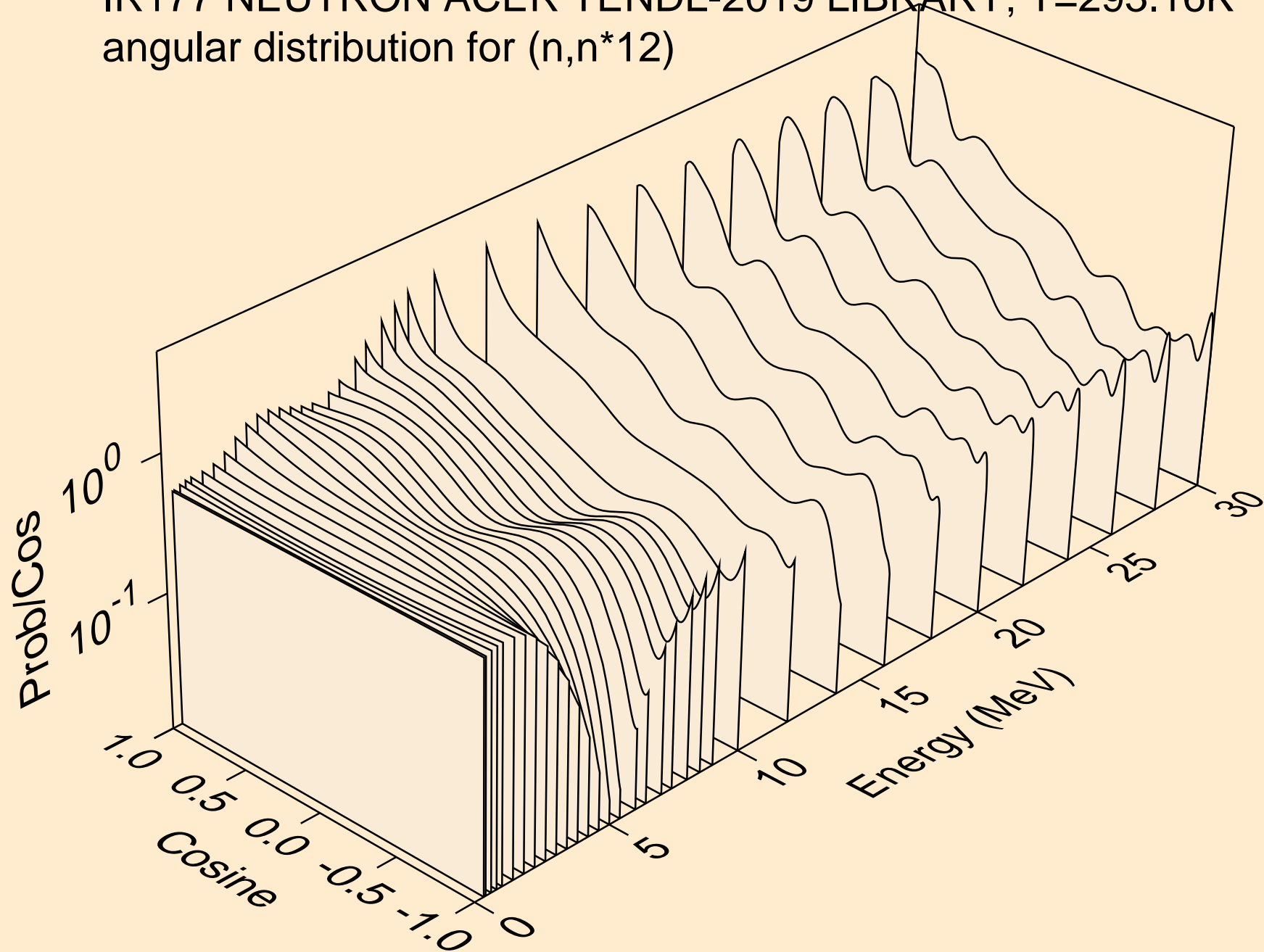
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)



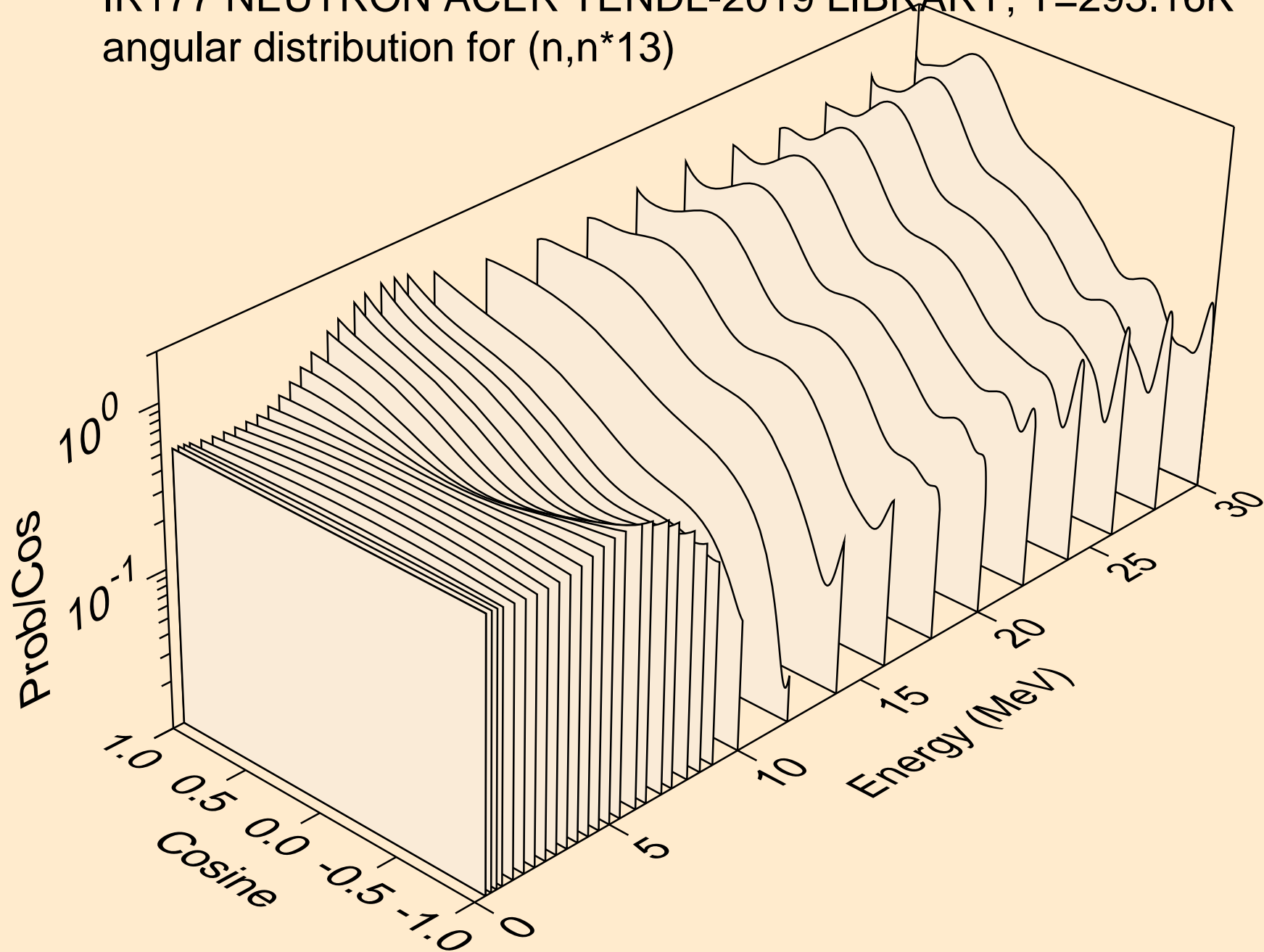
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



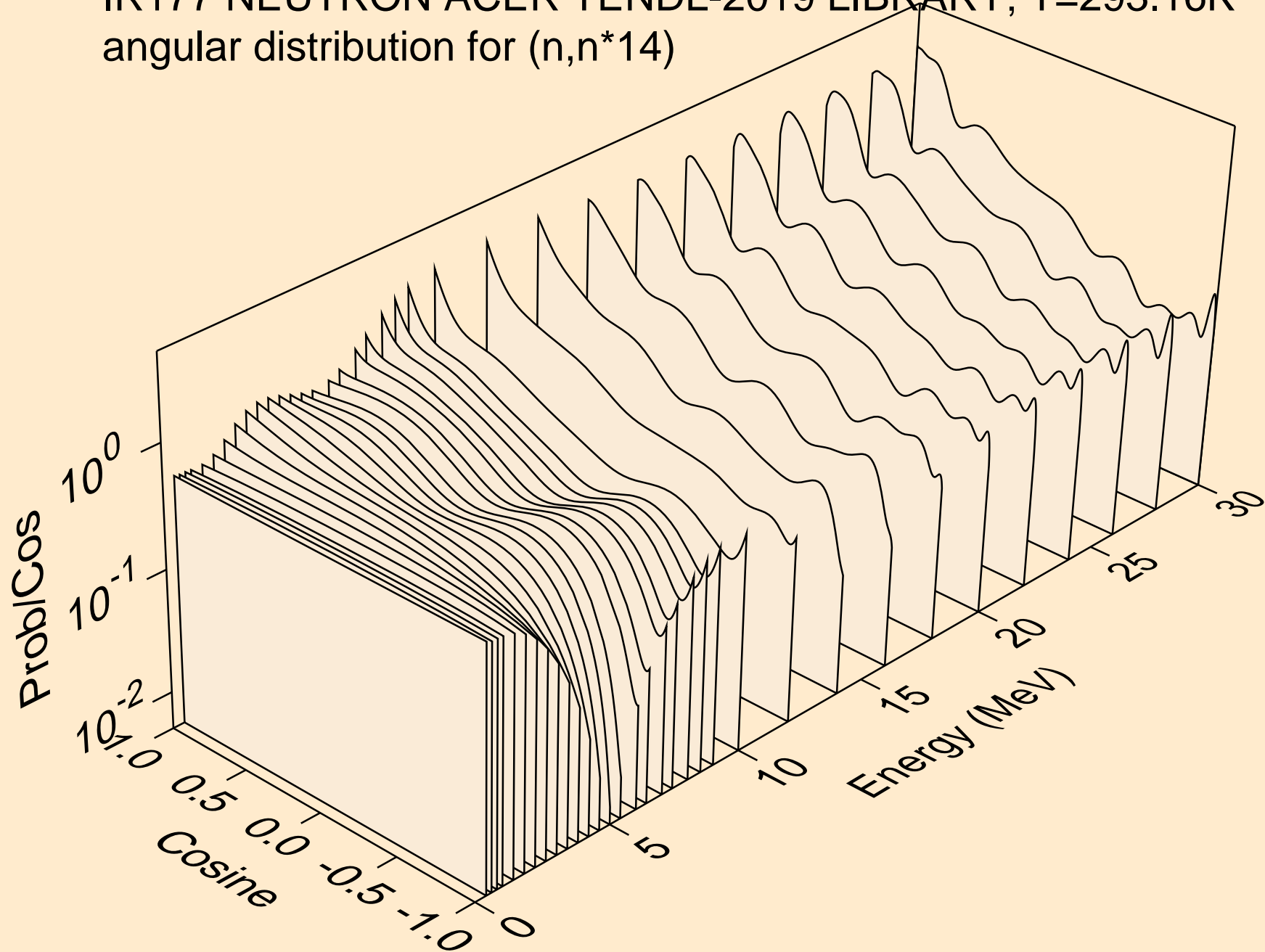
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



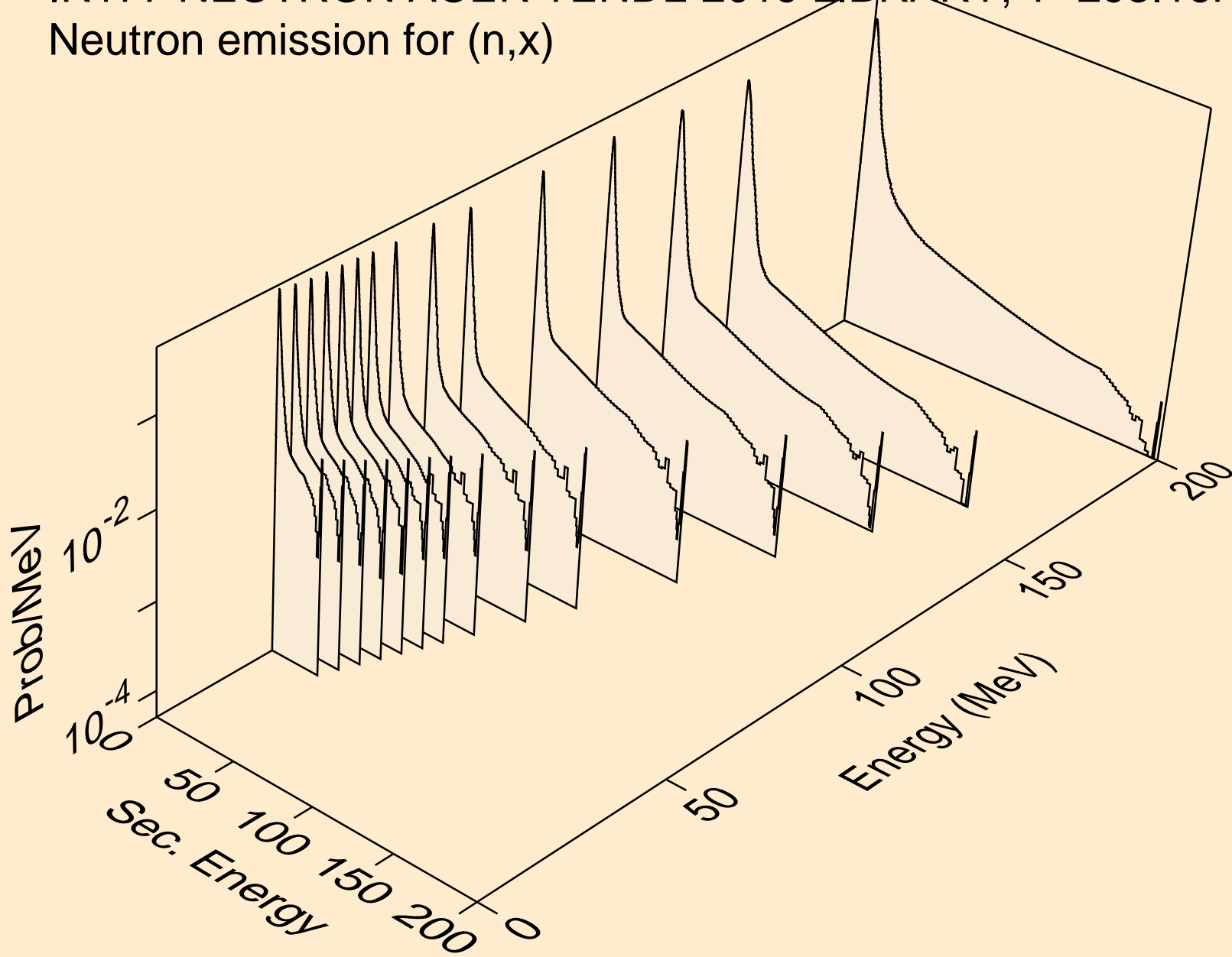
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



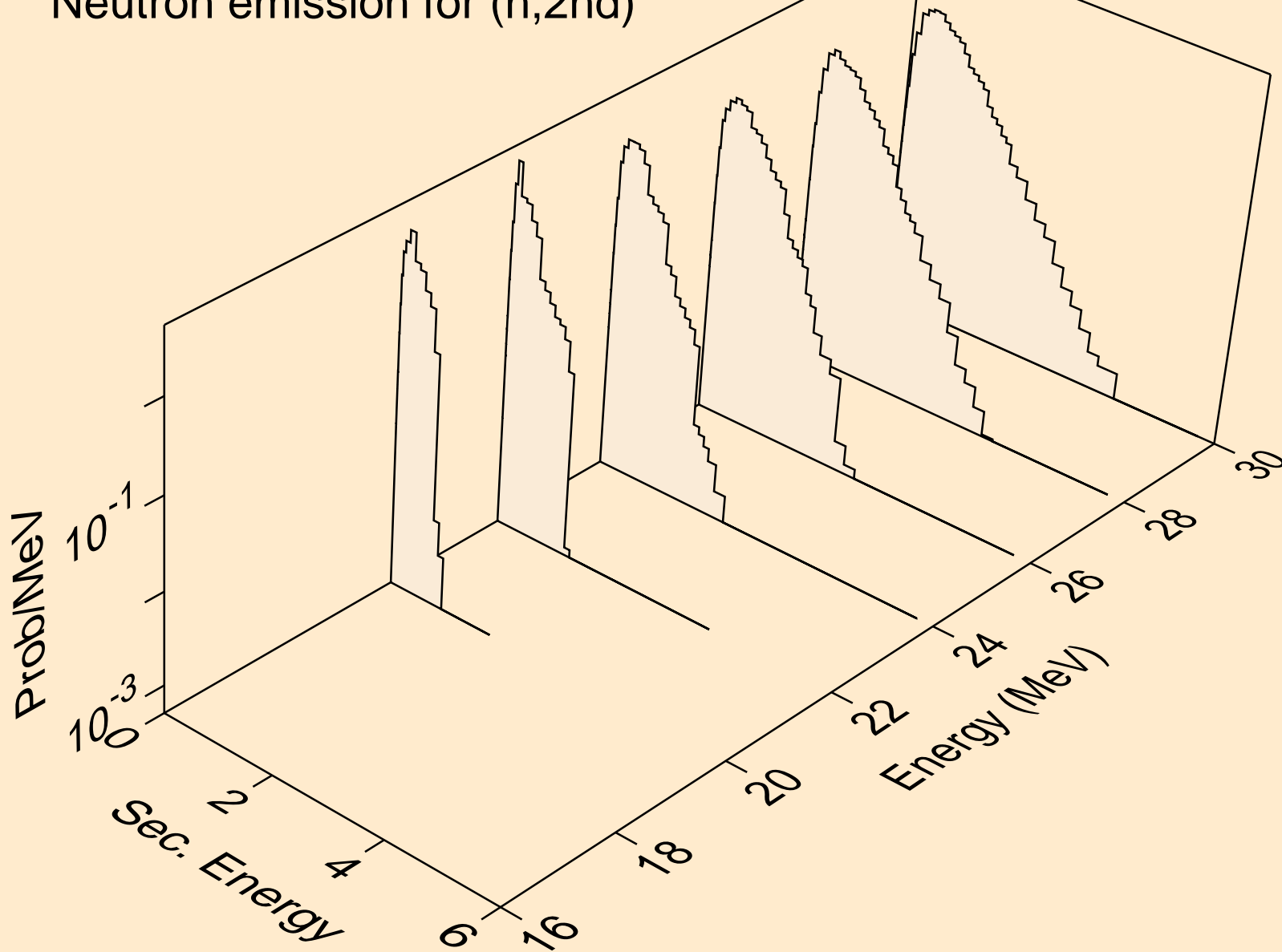
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)



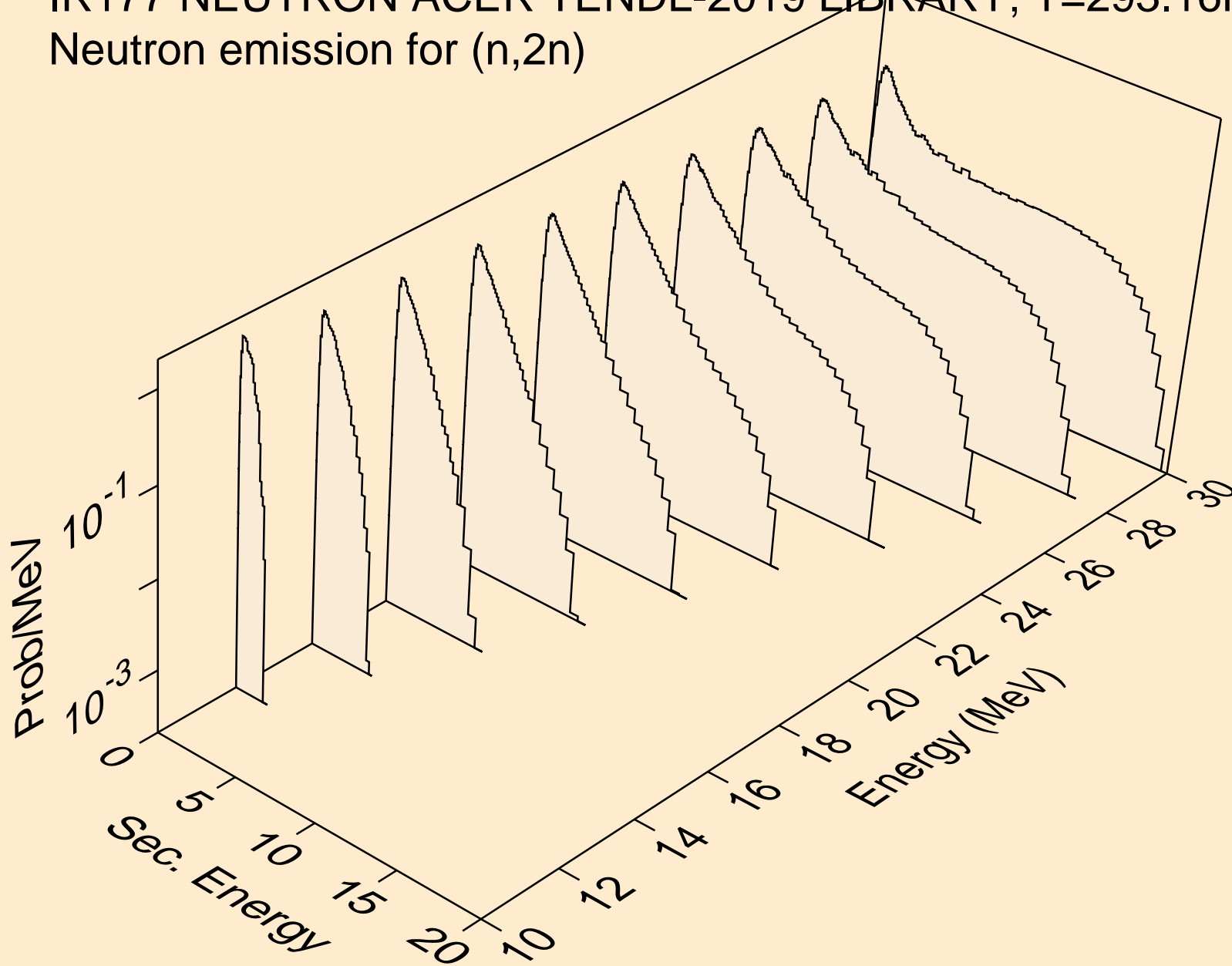
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)

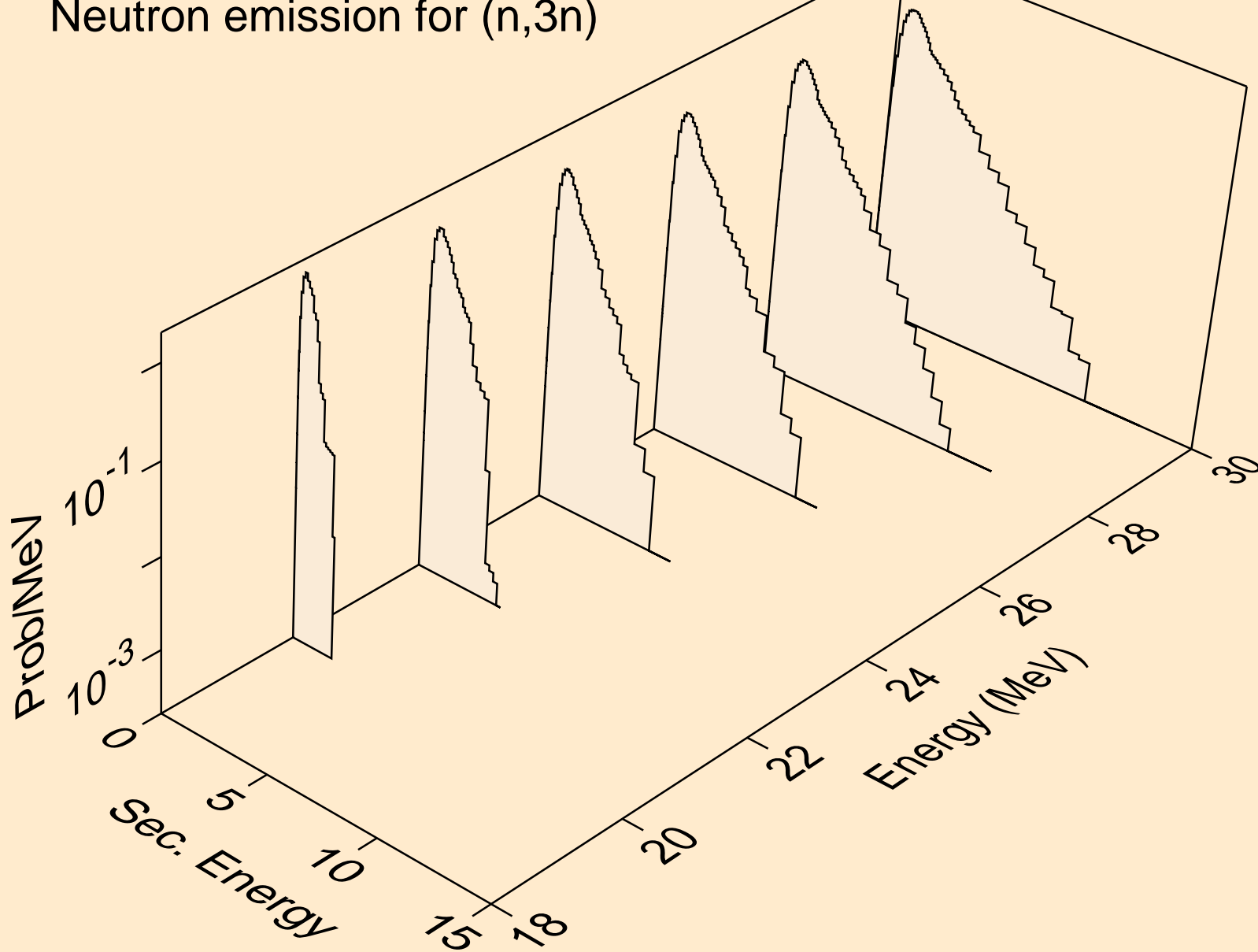


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

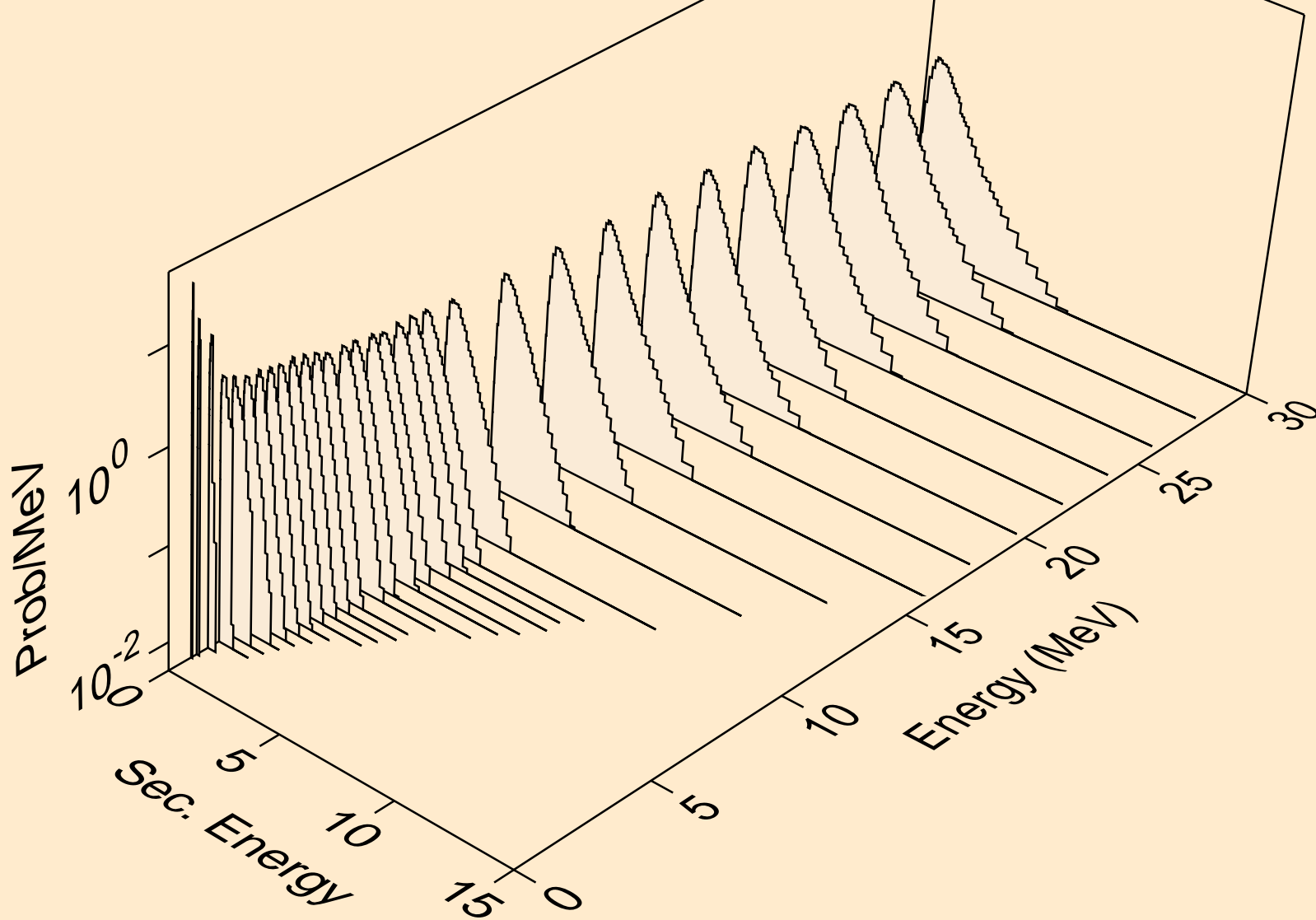




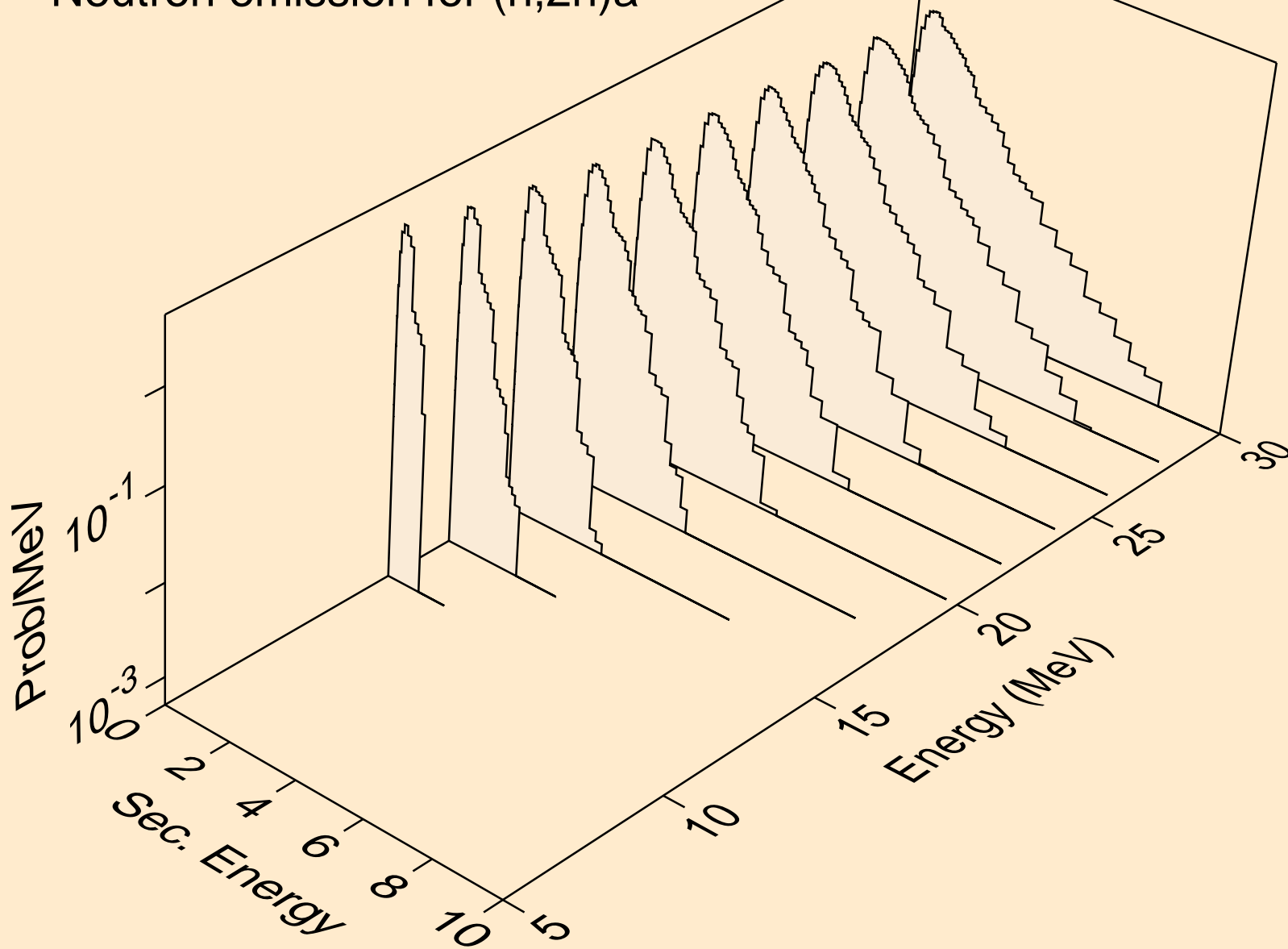
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



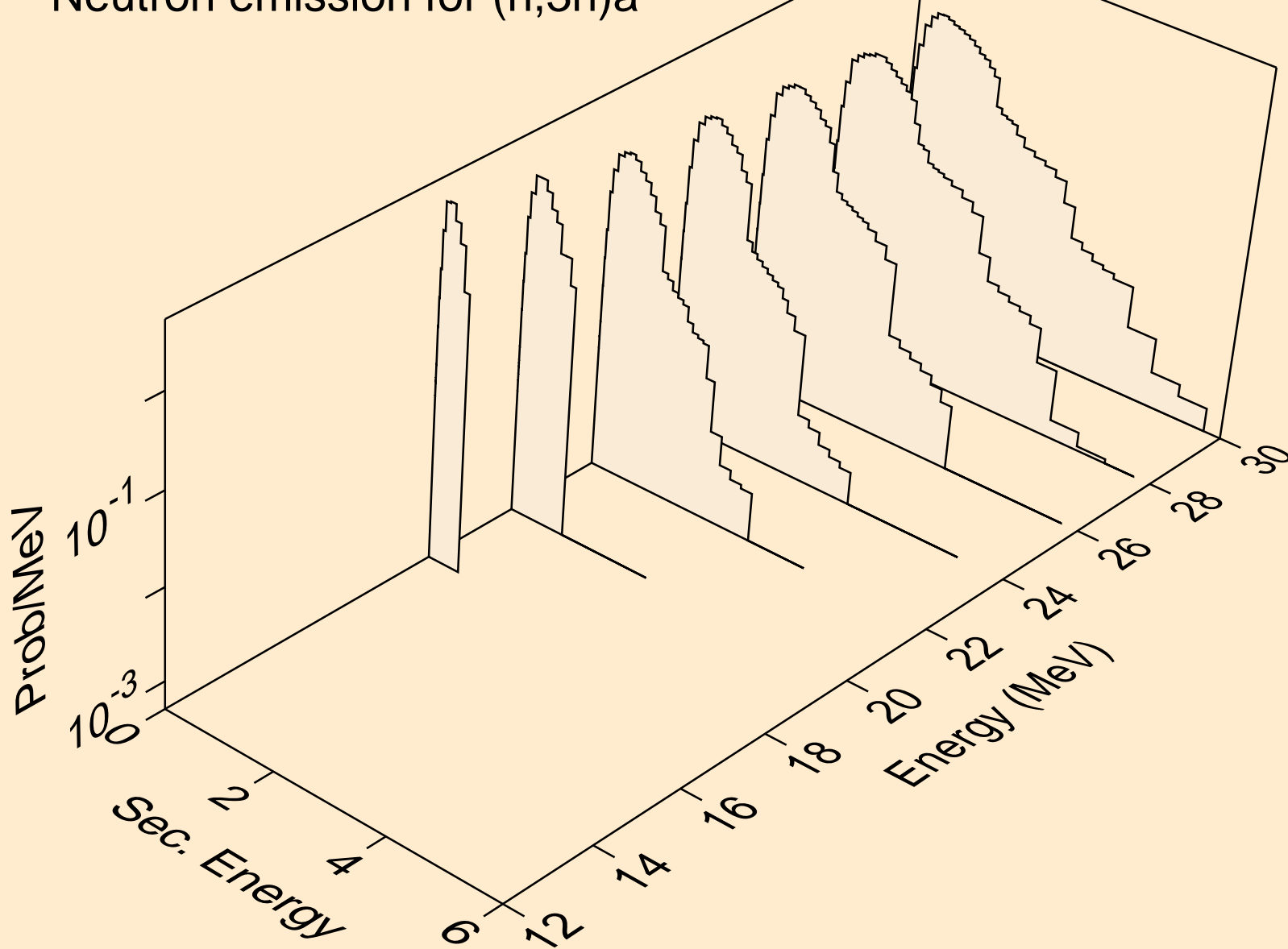
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



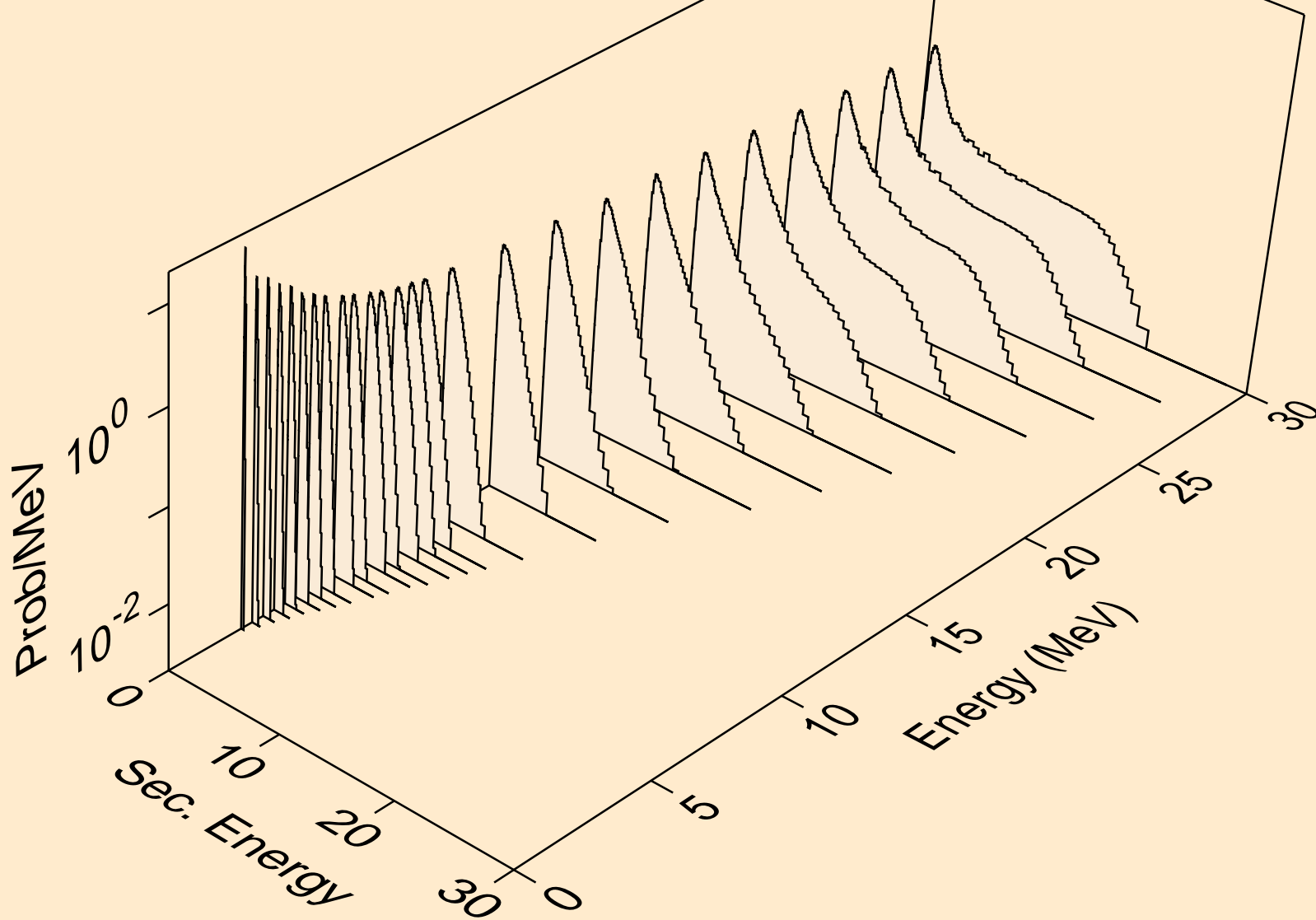
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



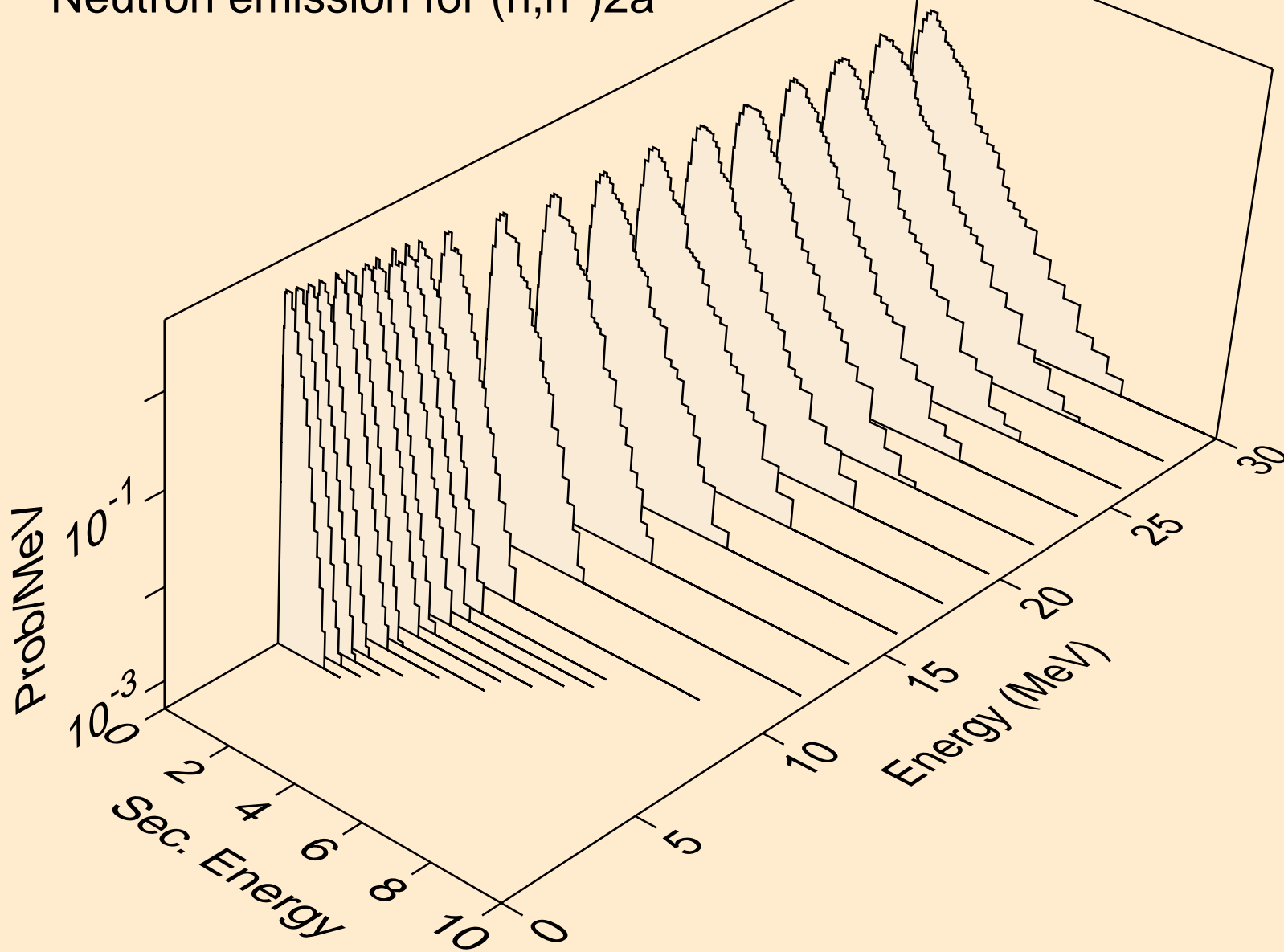
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



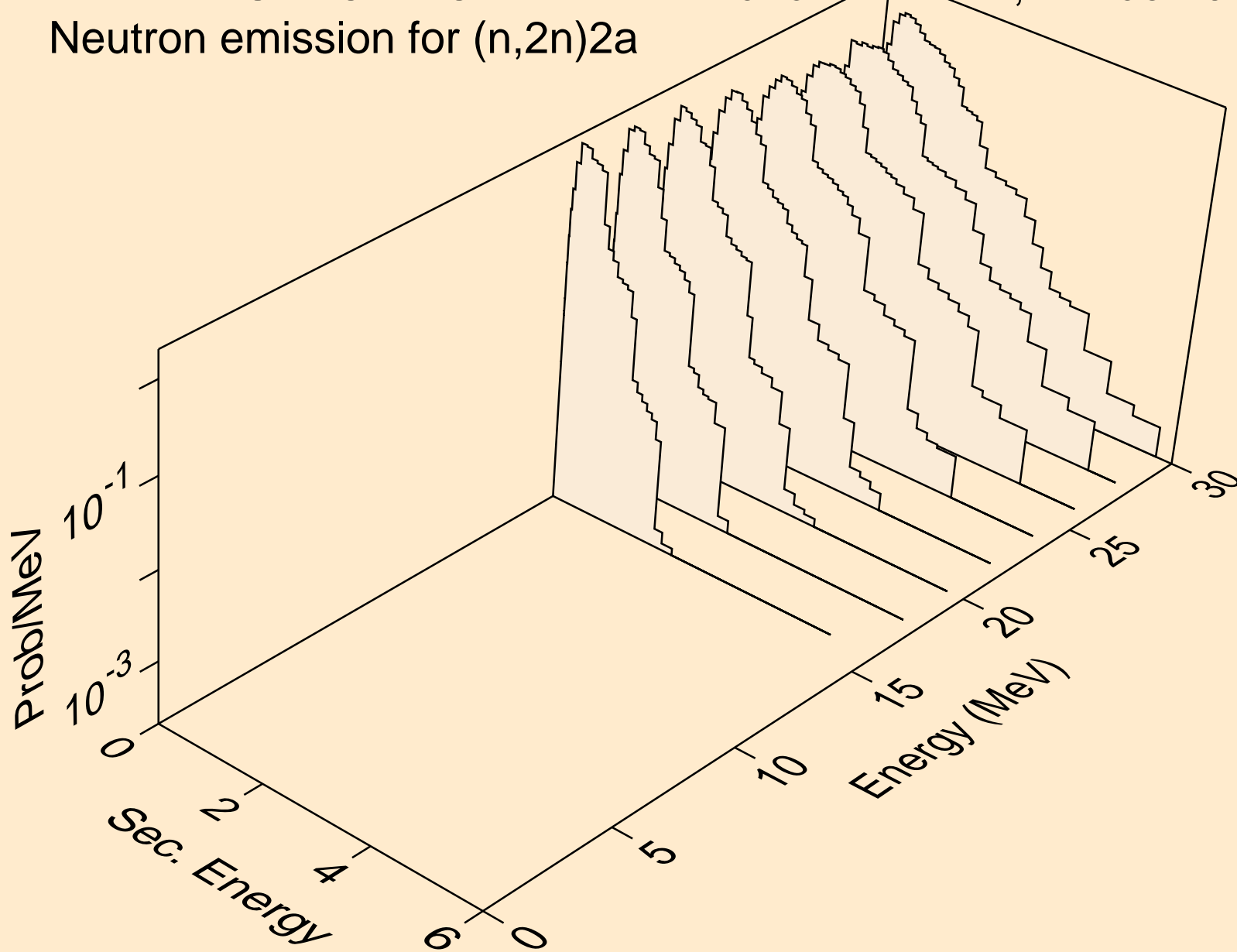
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



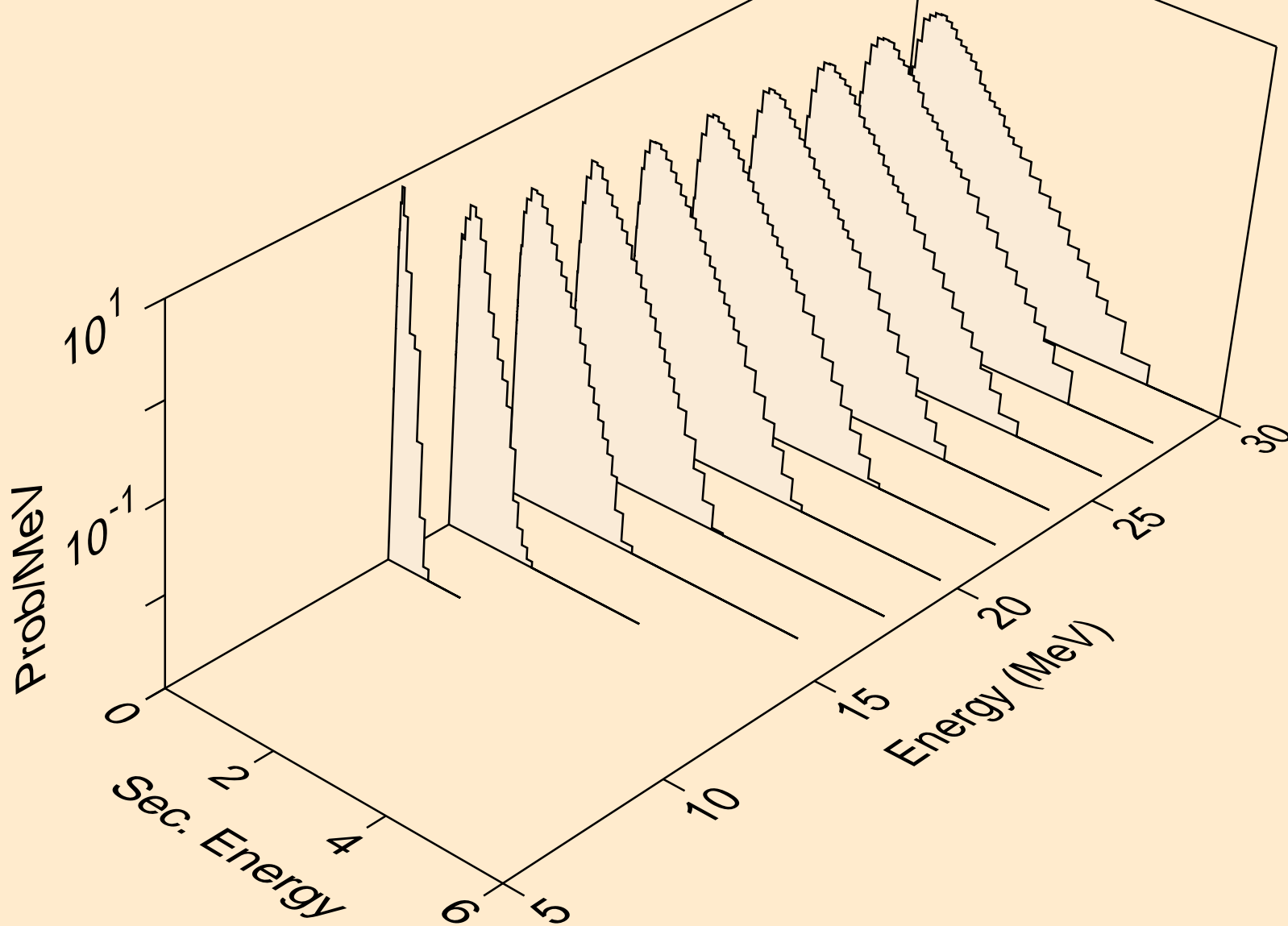
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)2a

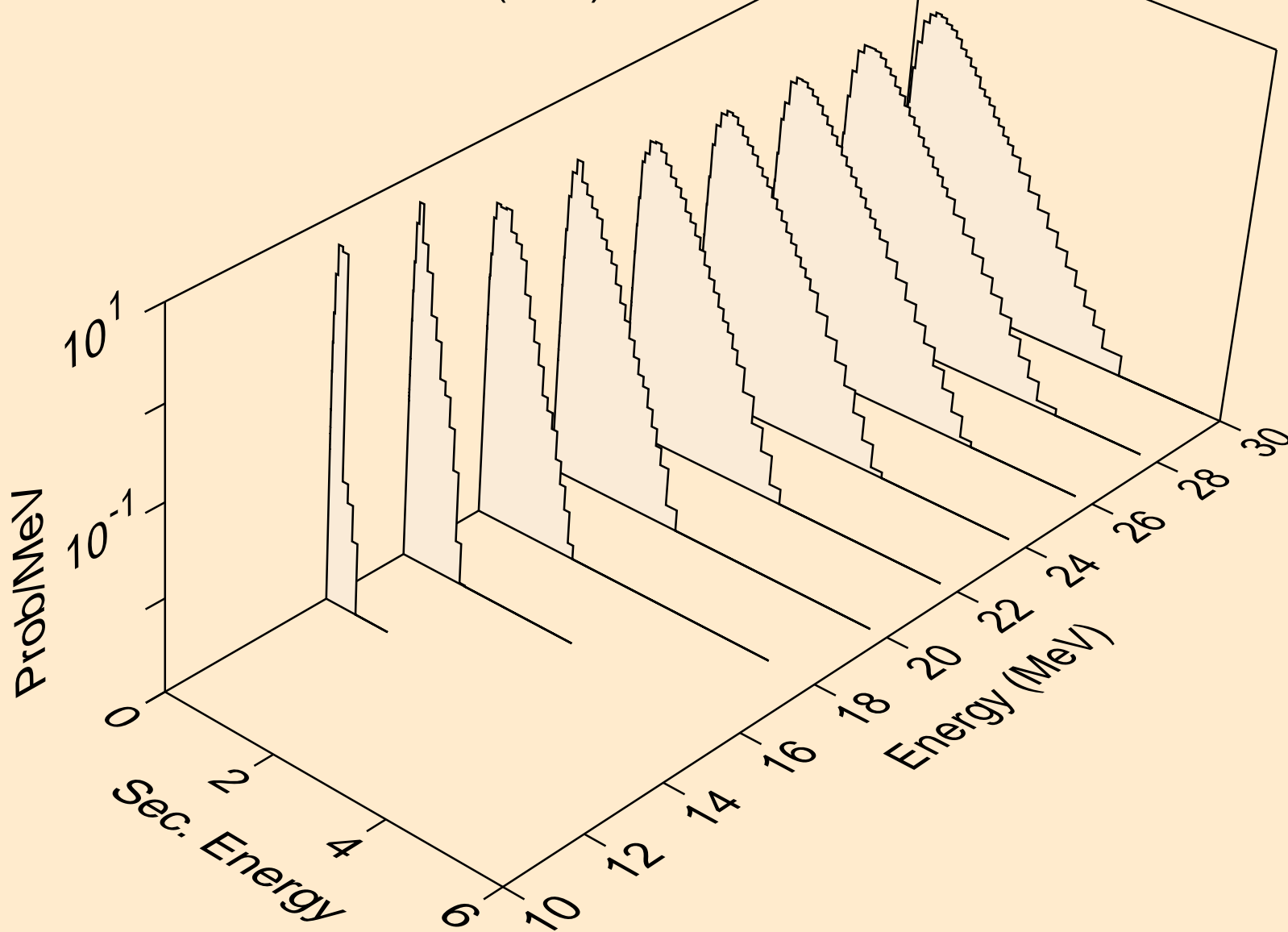


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d

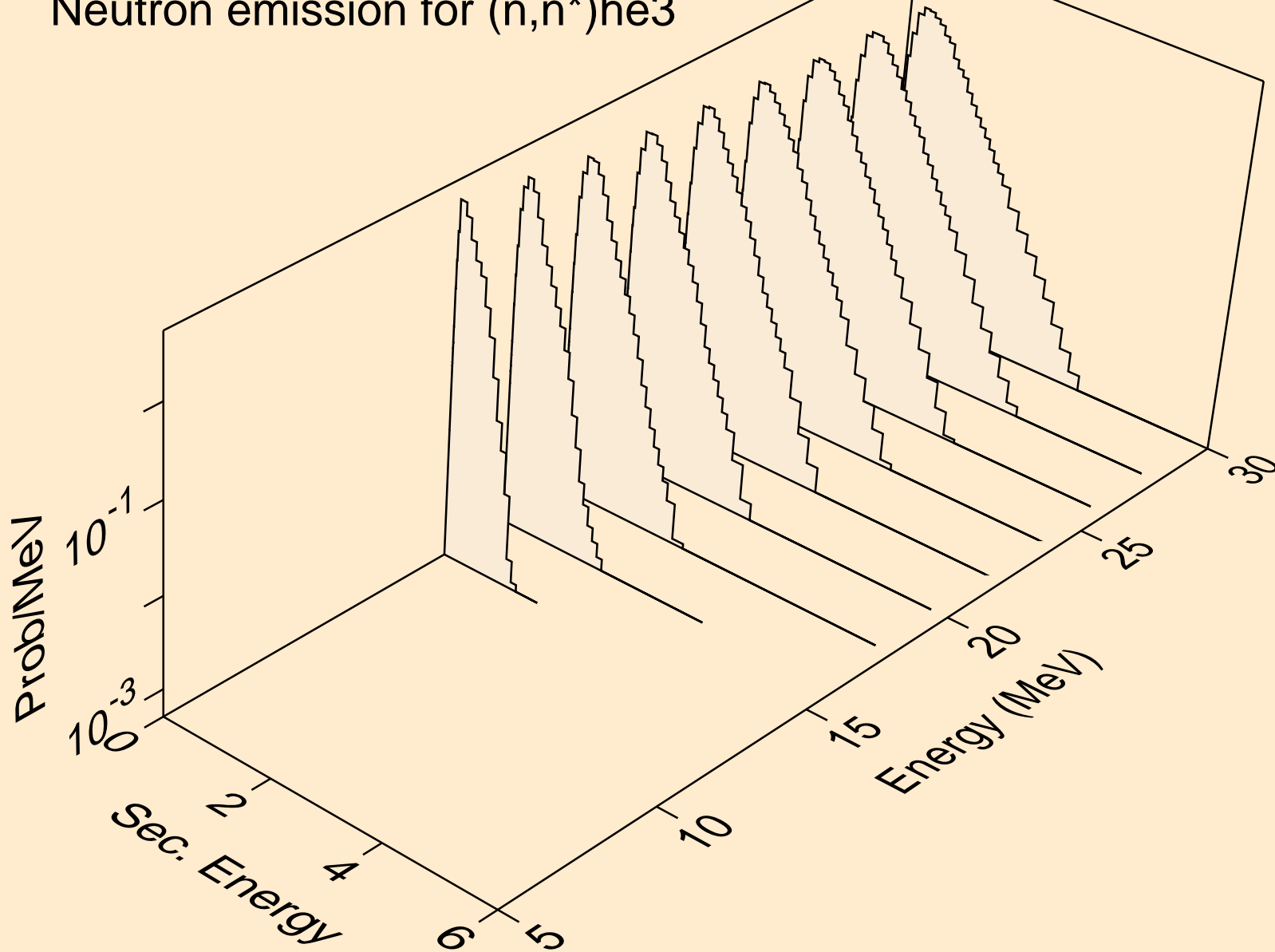




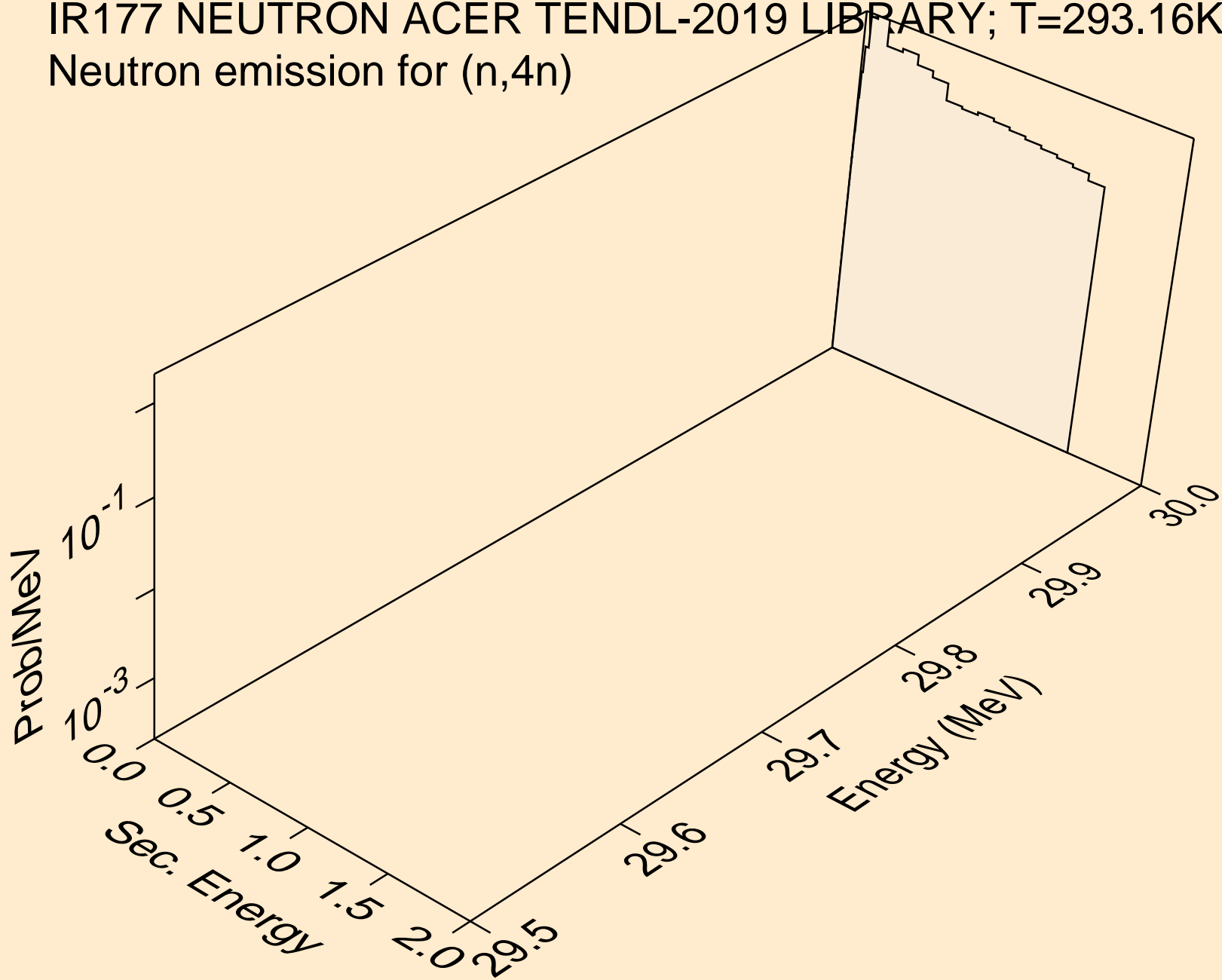
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



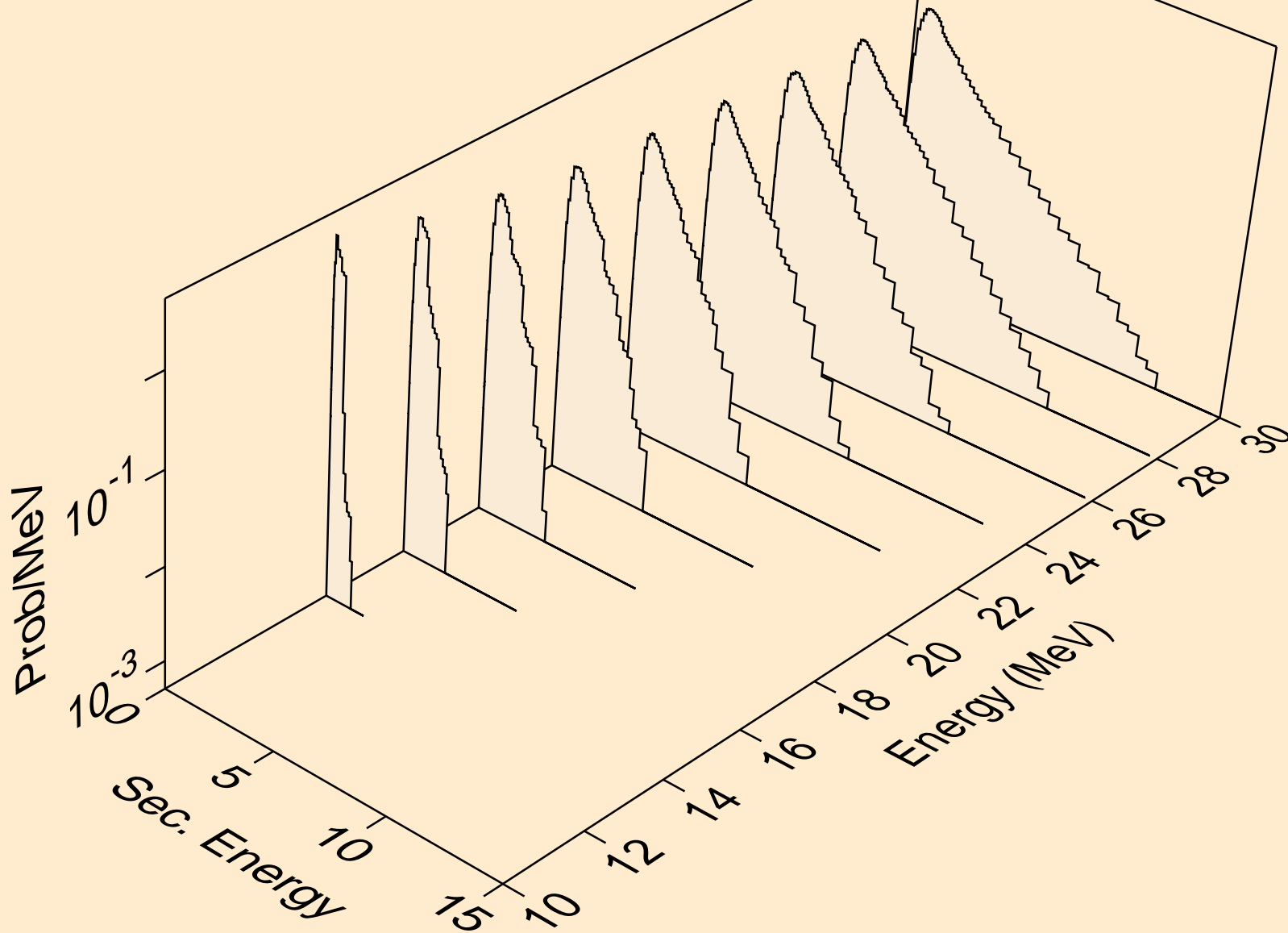
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



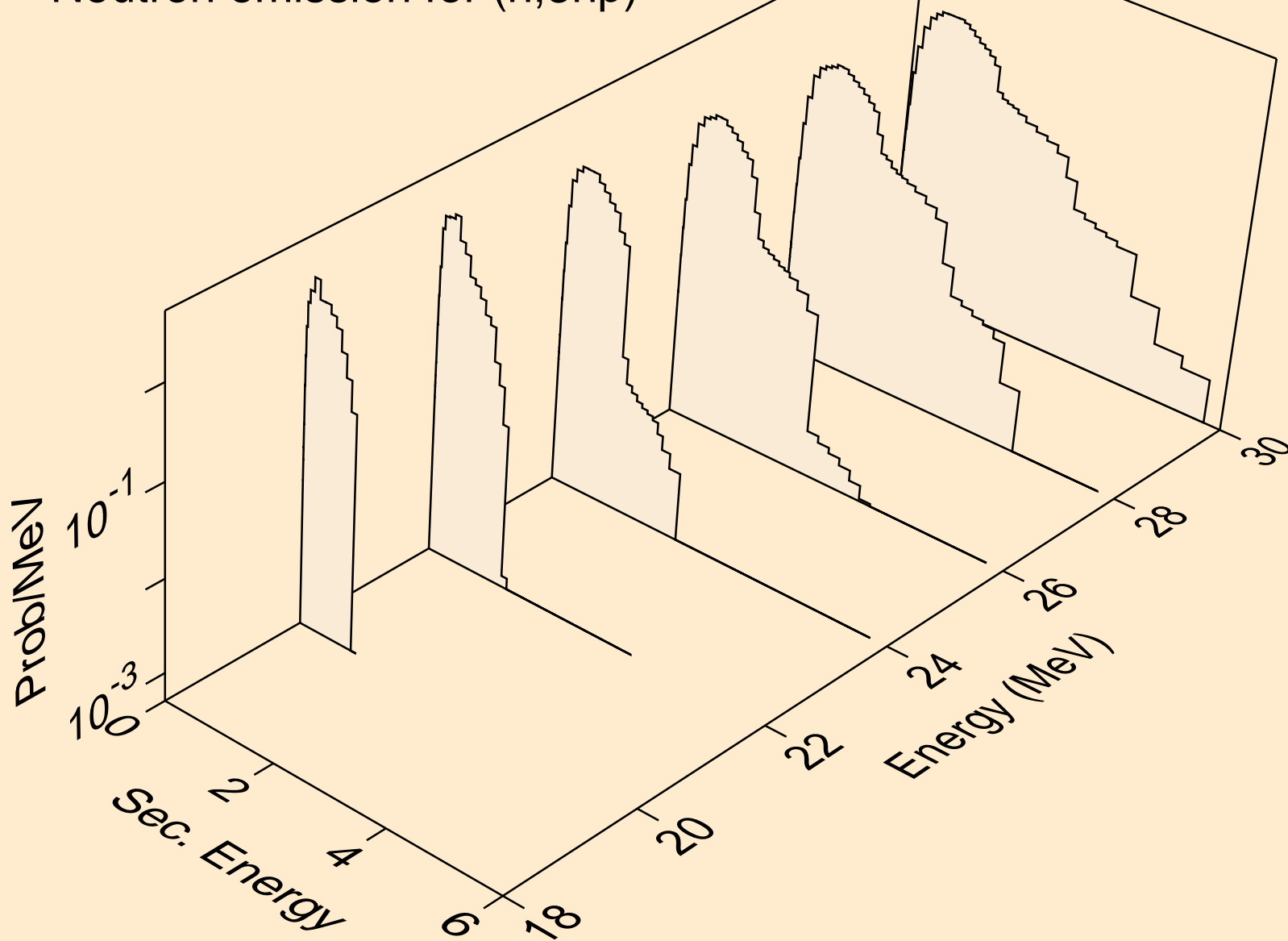
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



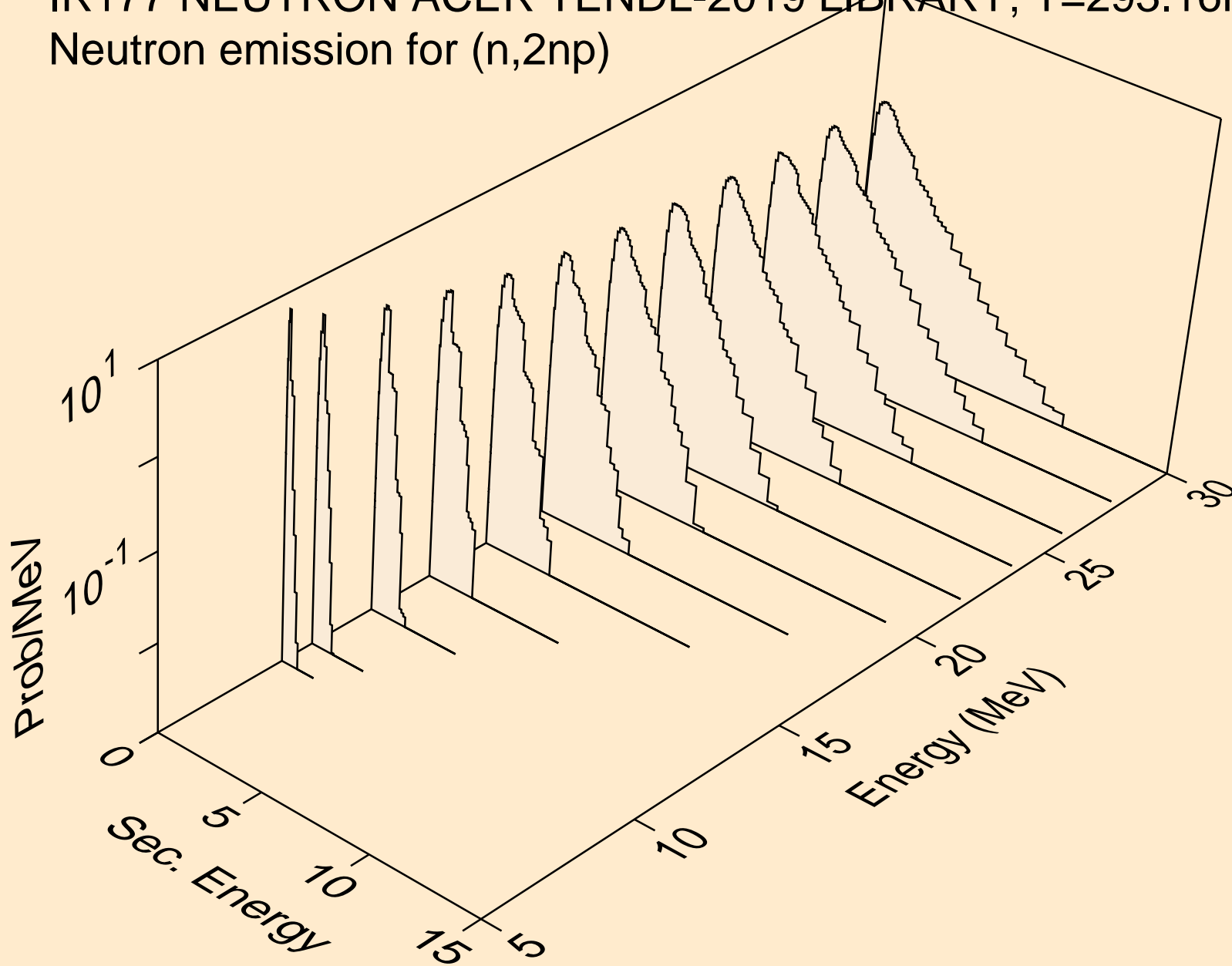
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



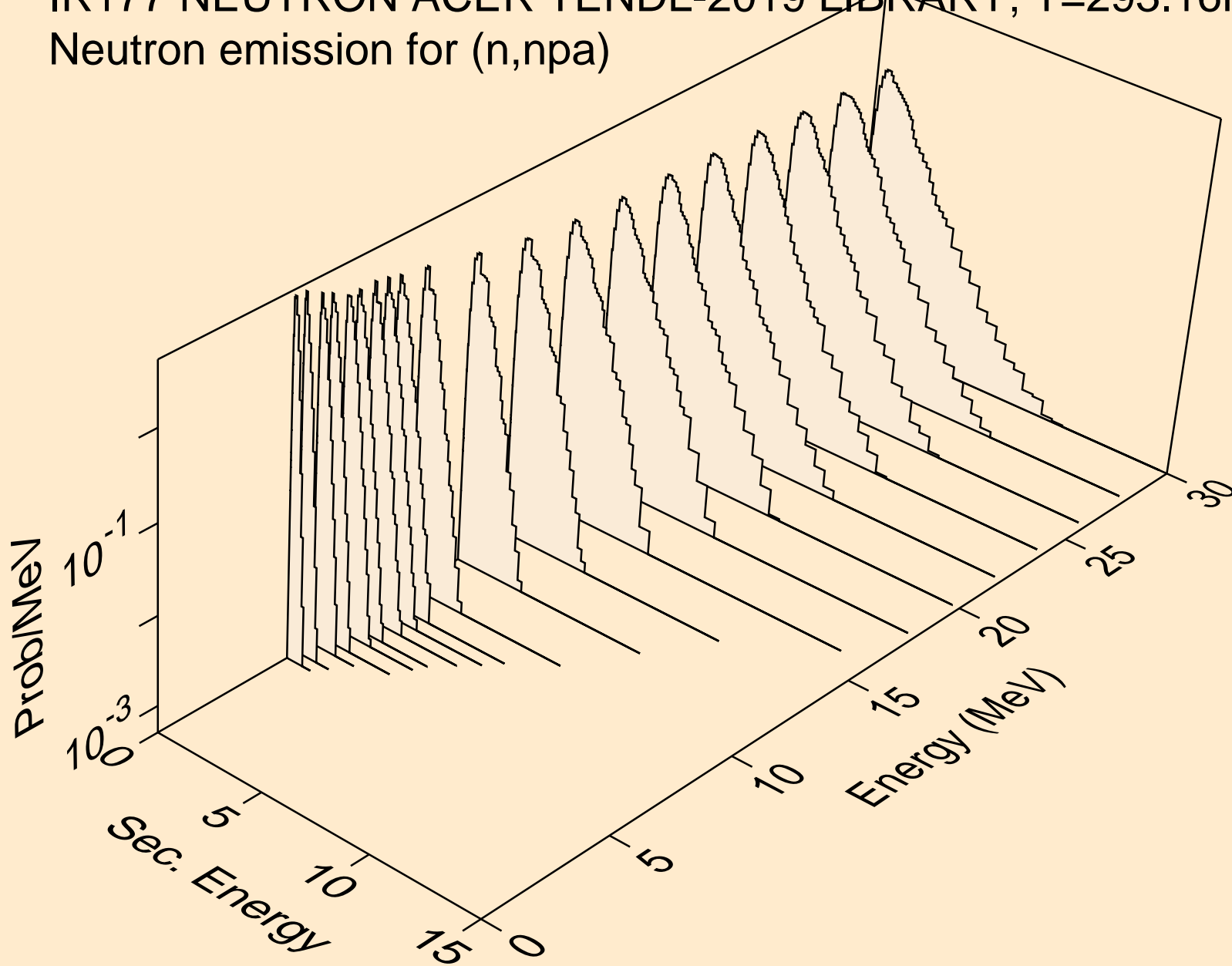
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



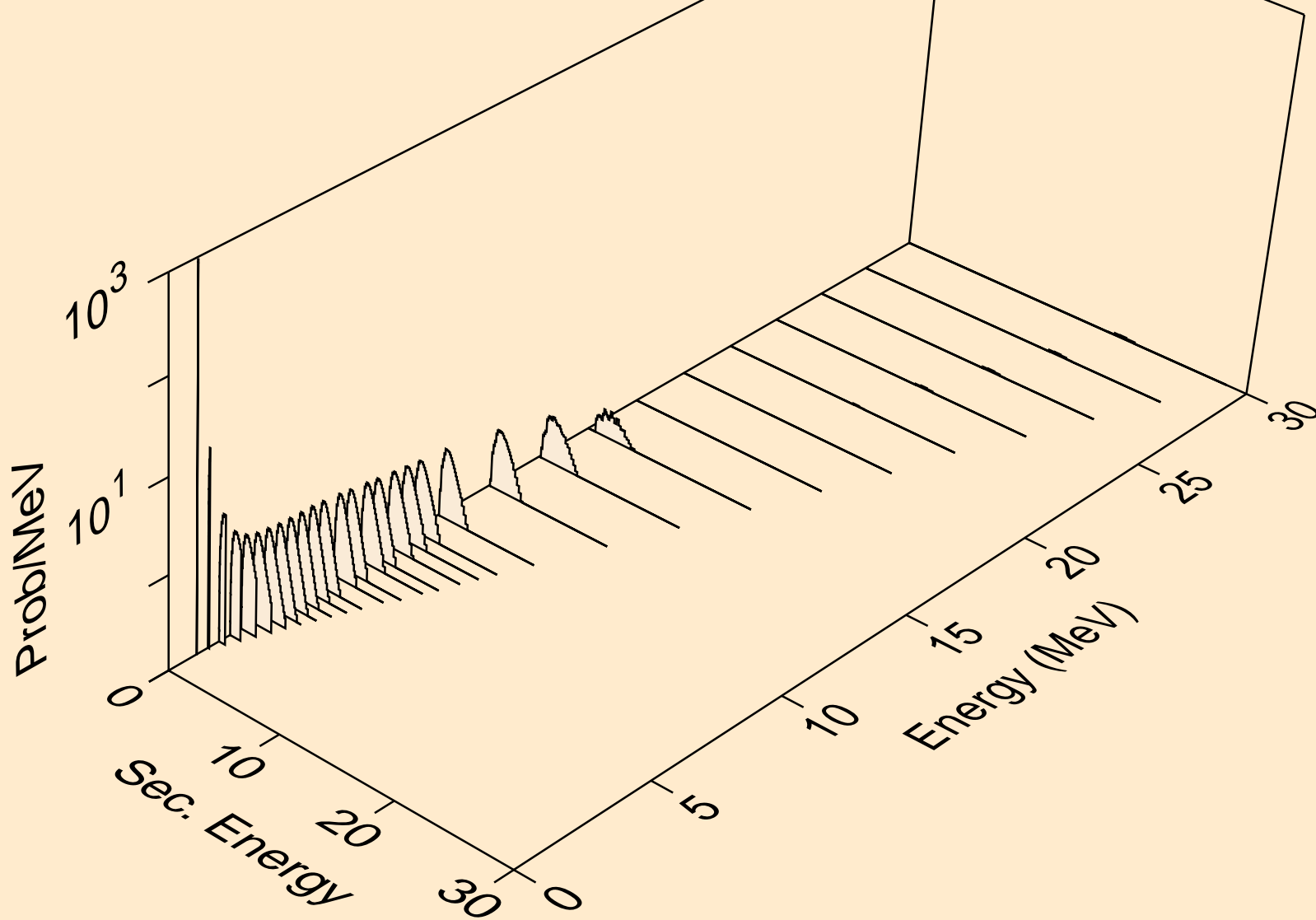
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)

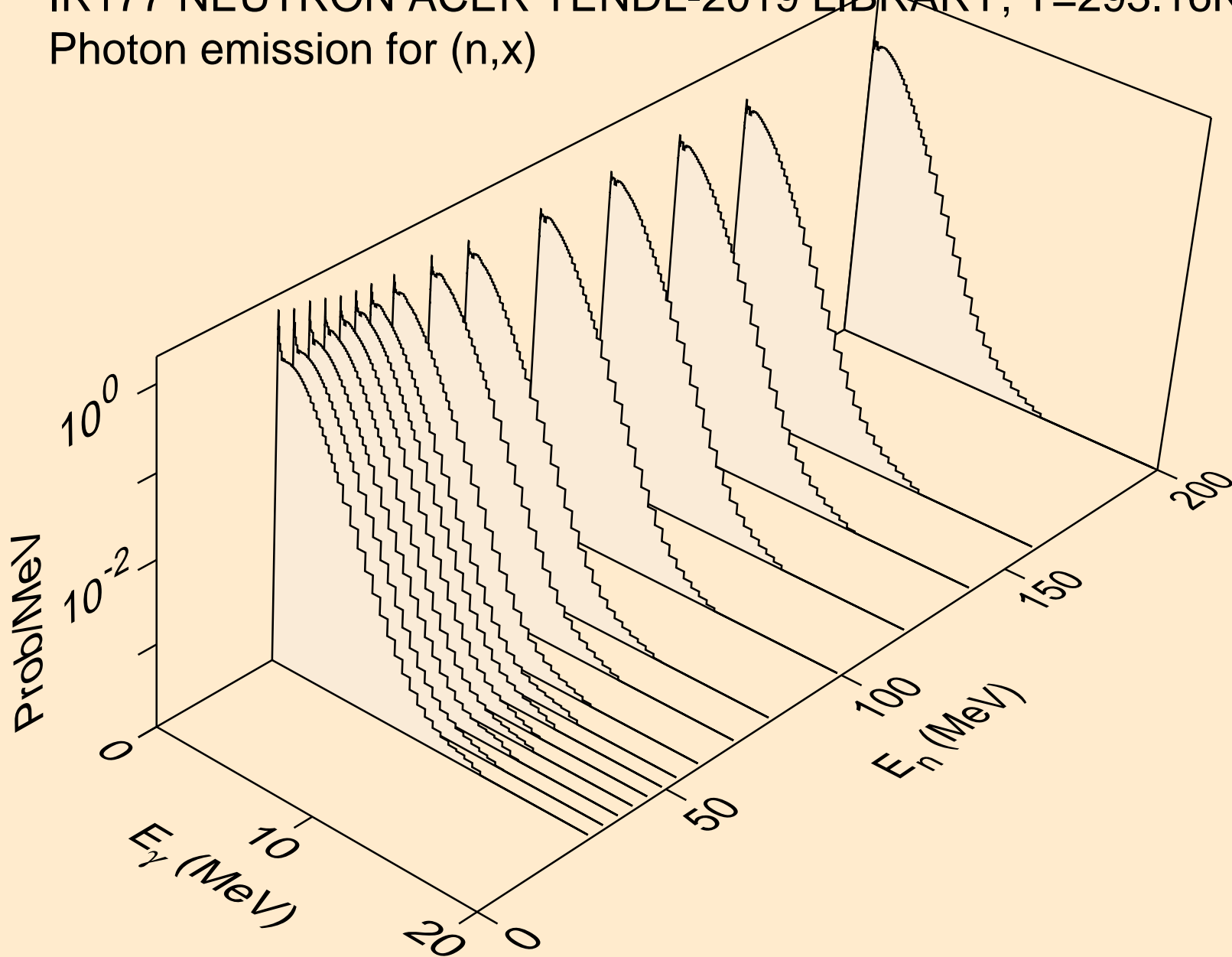


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)

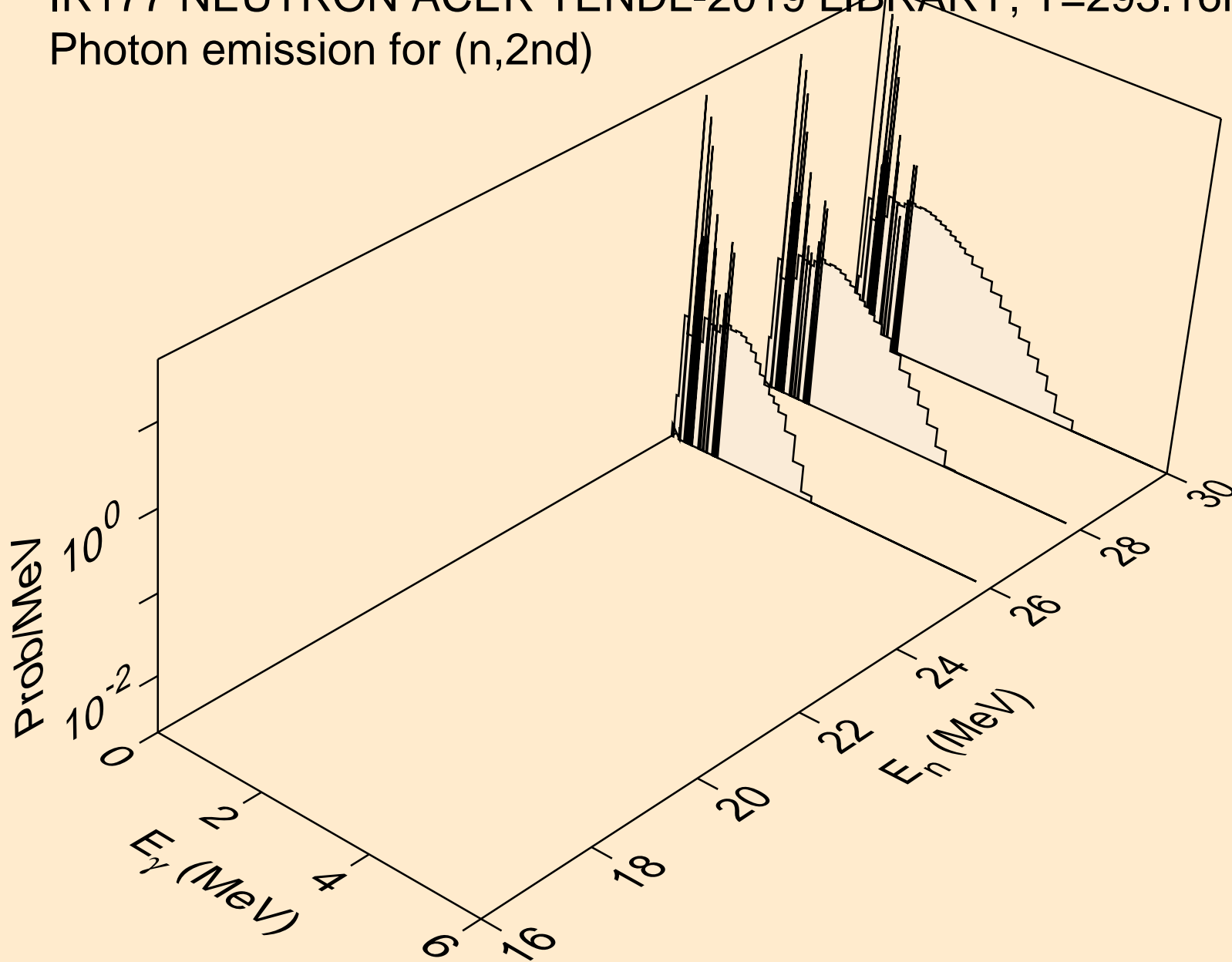




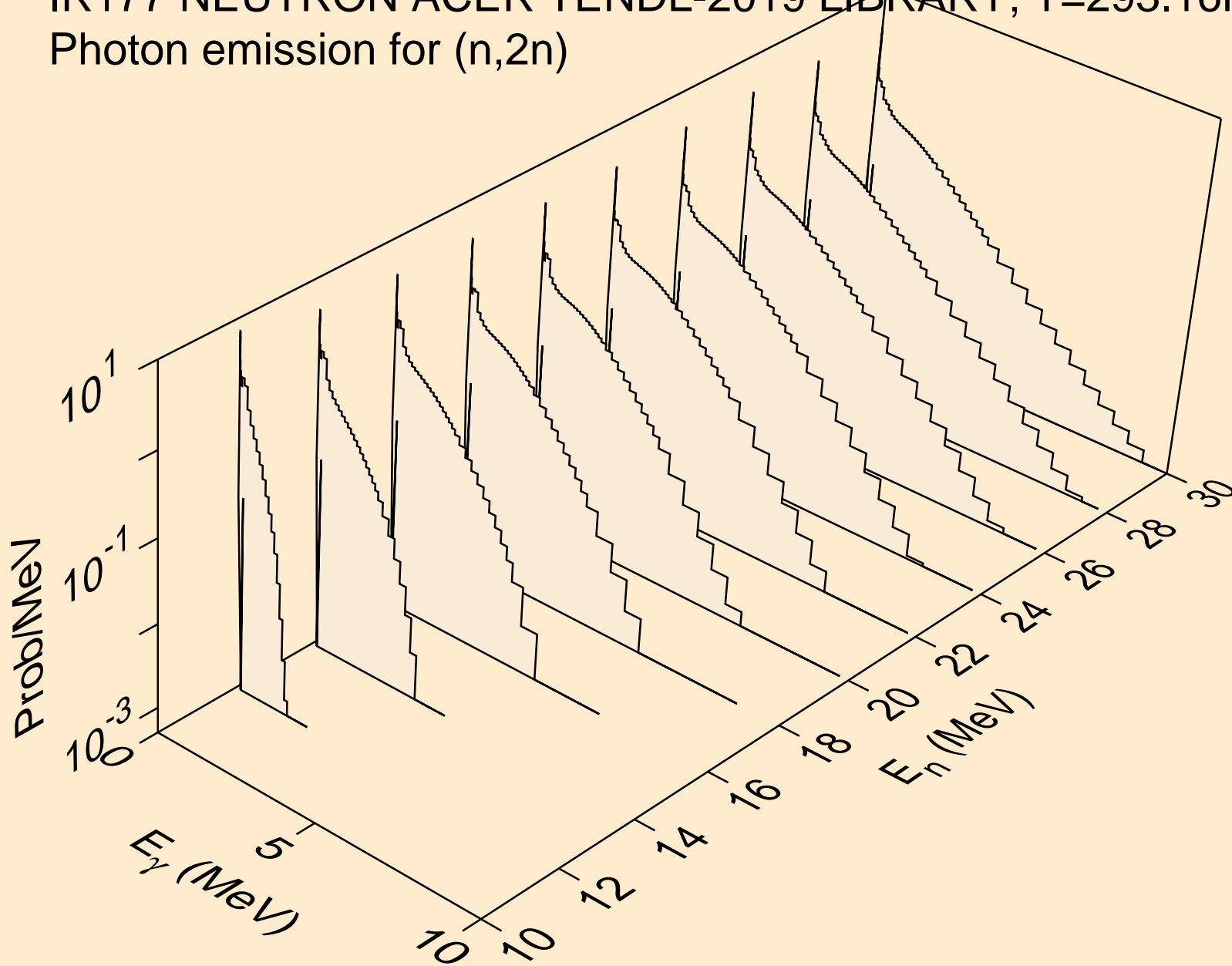
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



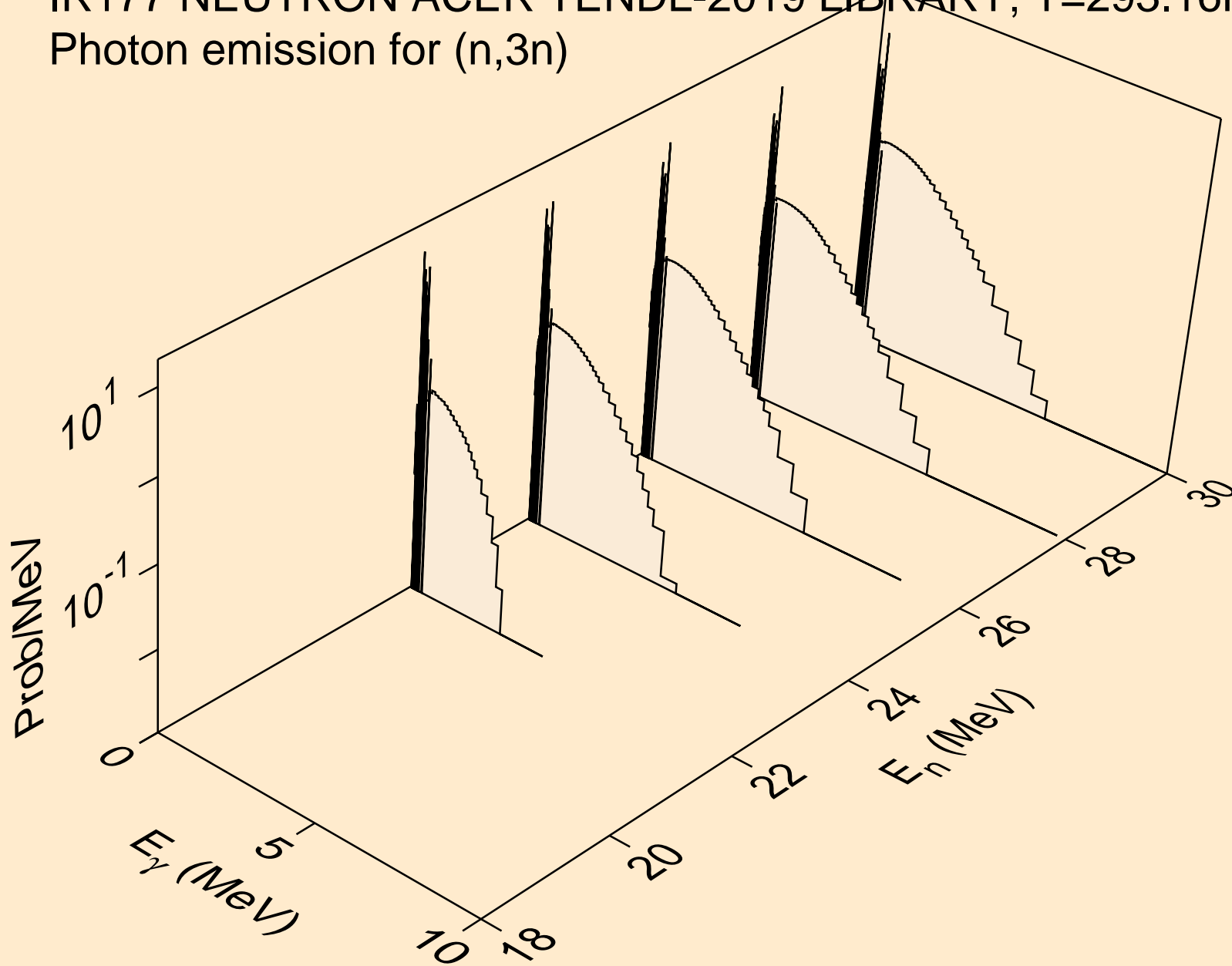
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



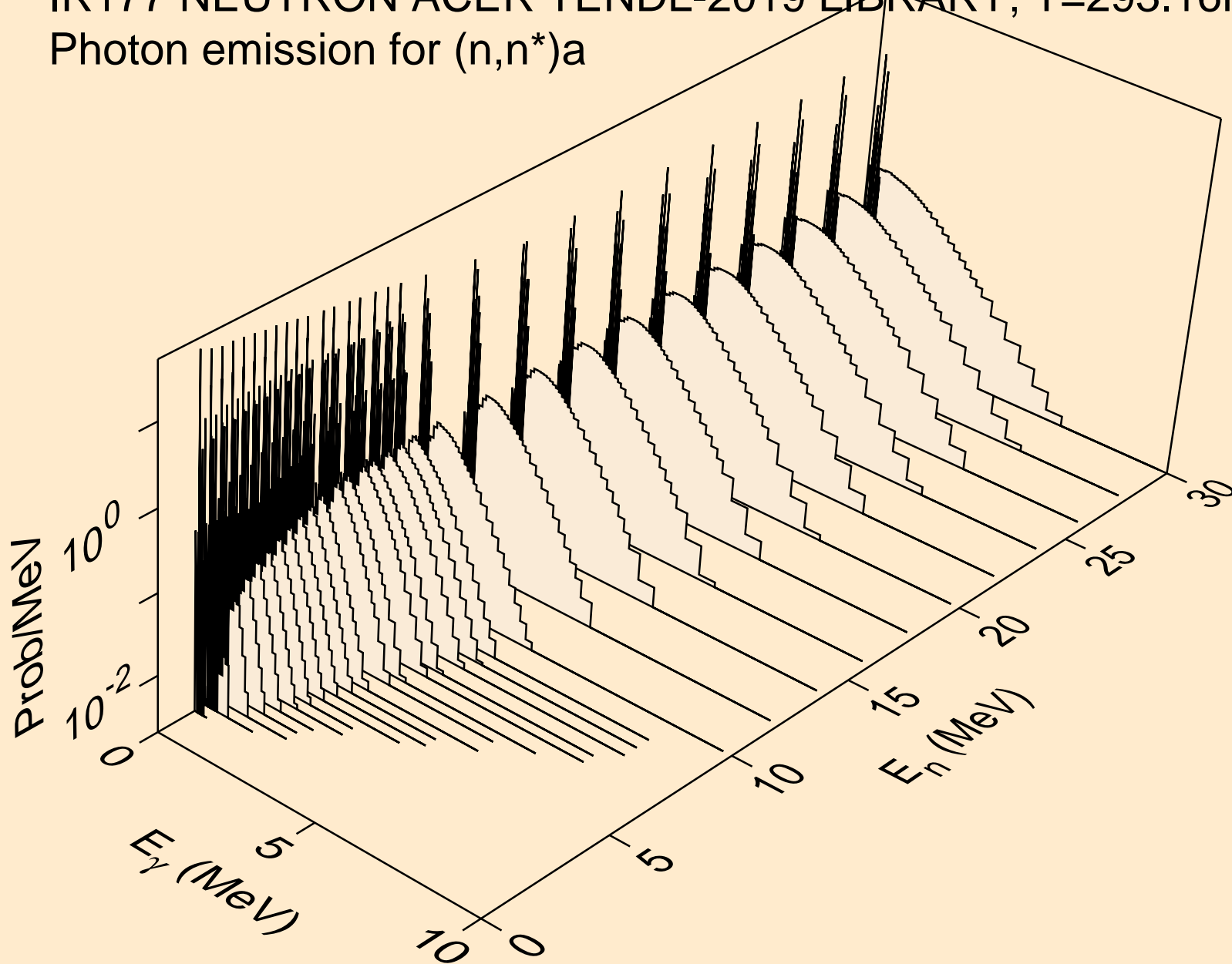
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



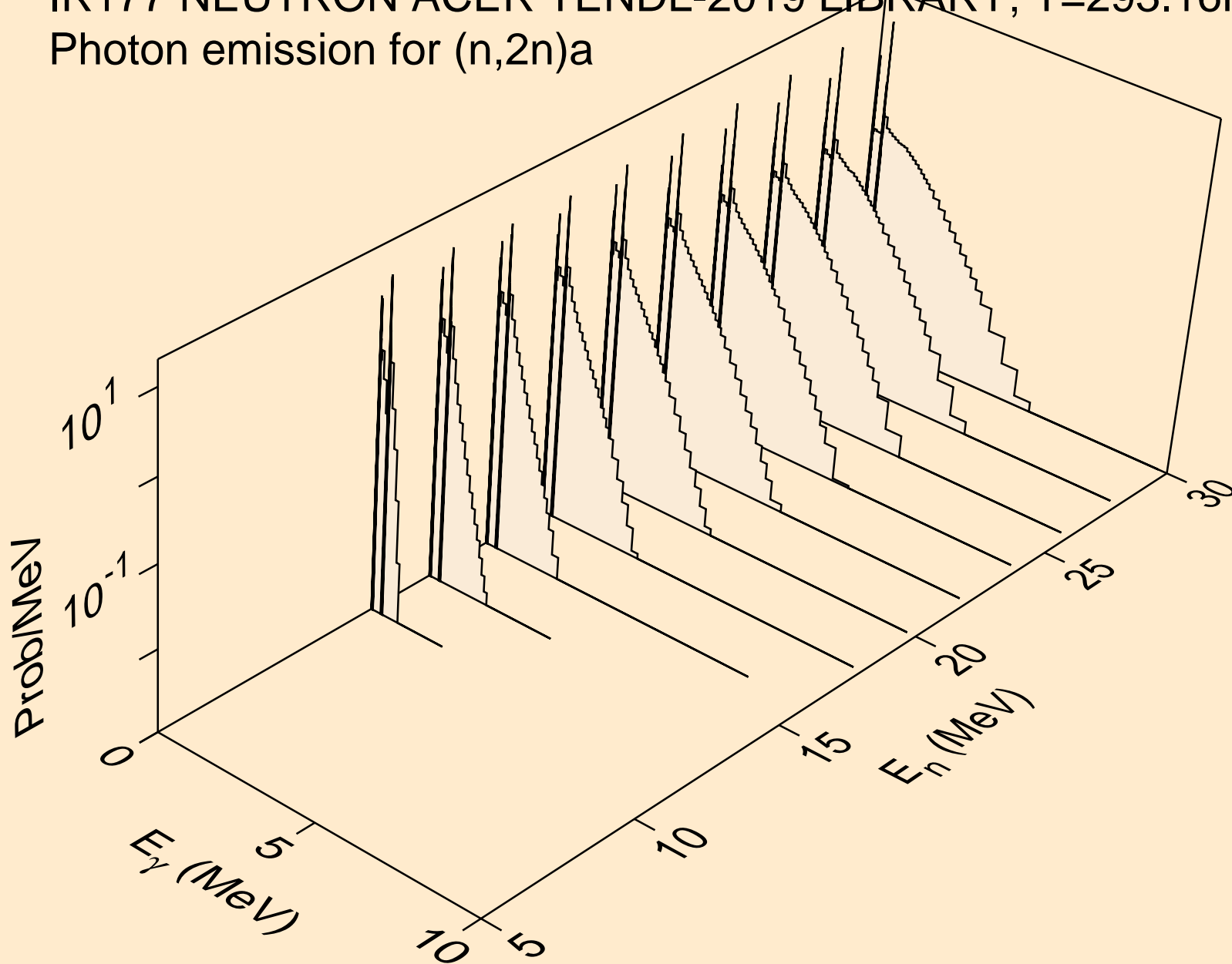
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



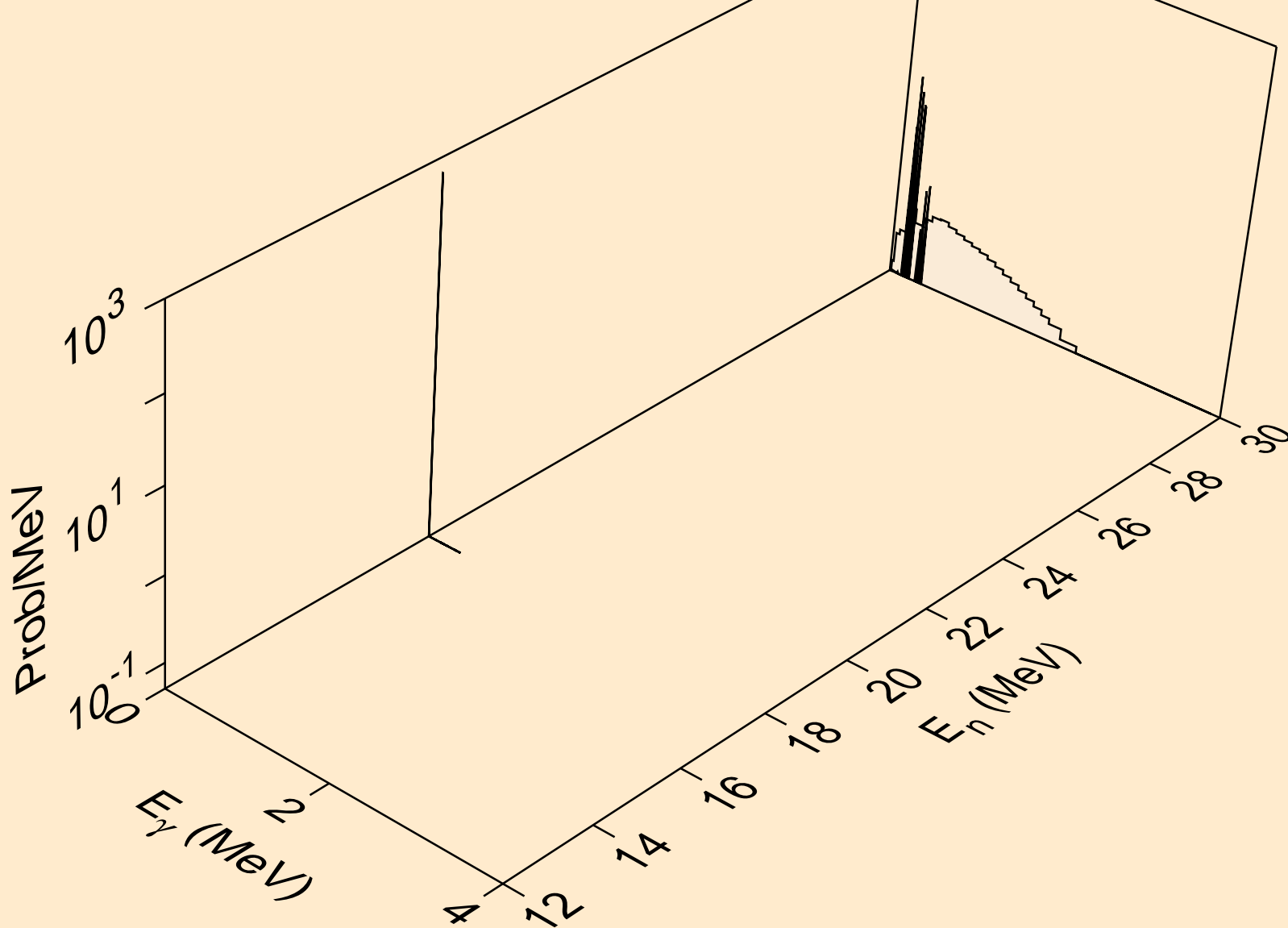
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



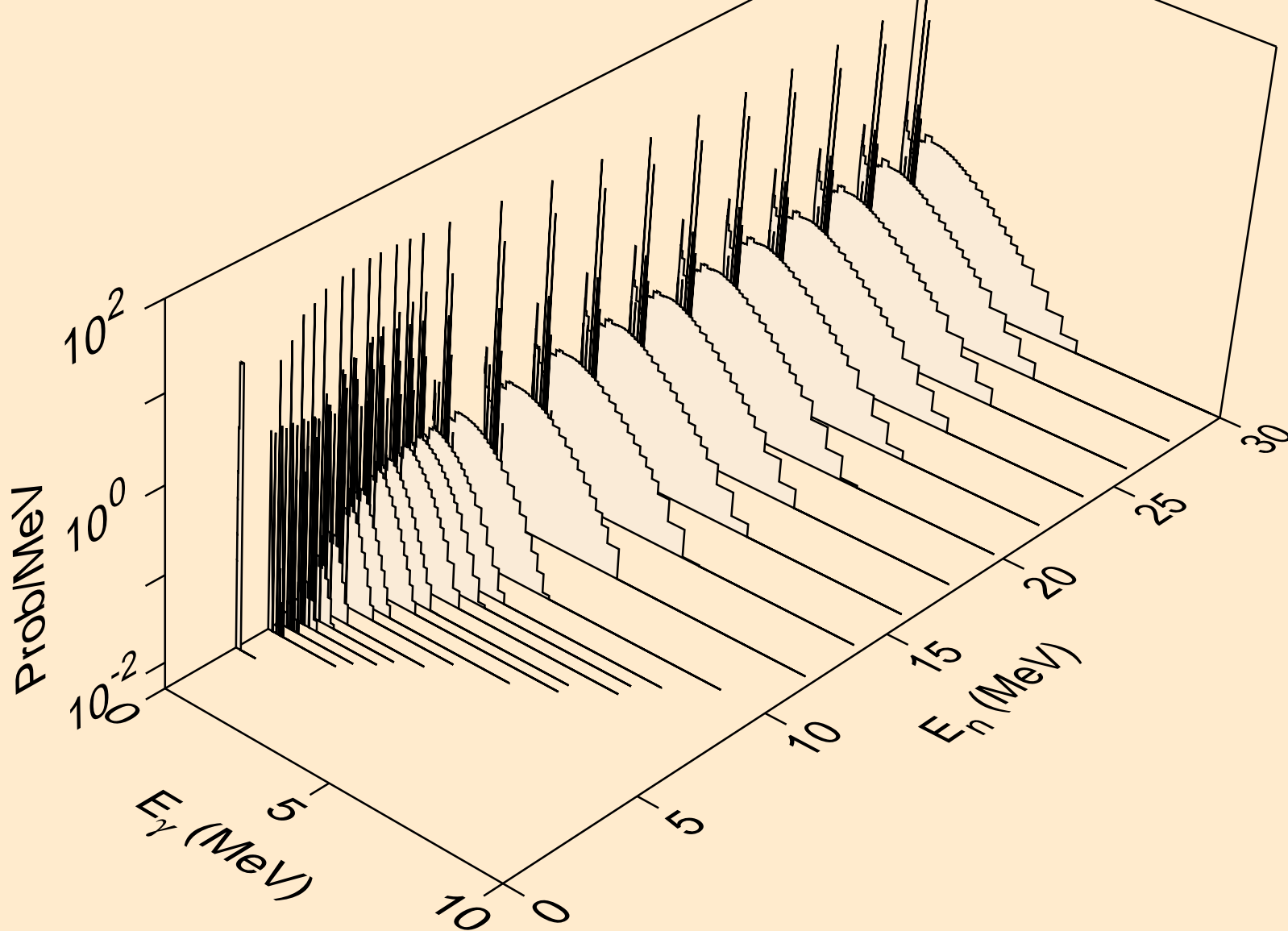
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

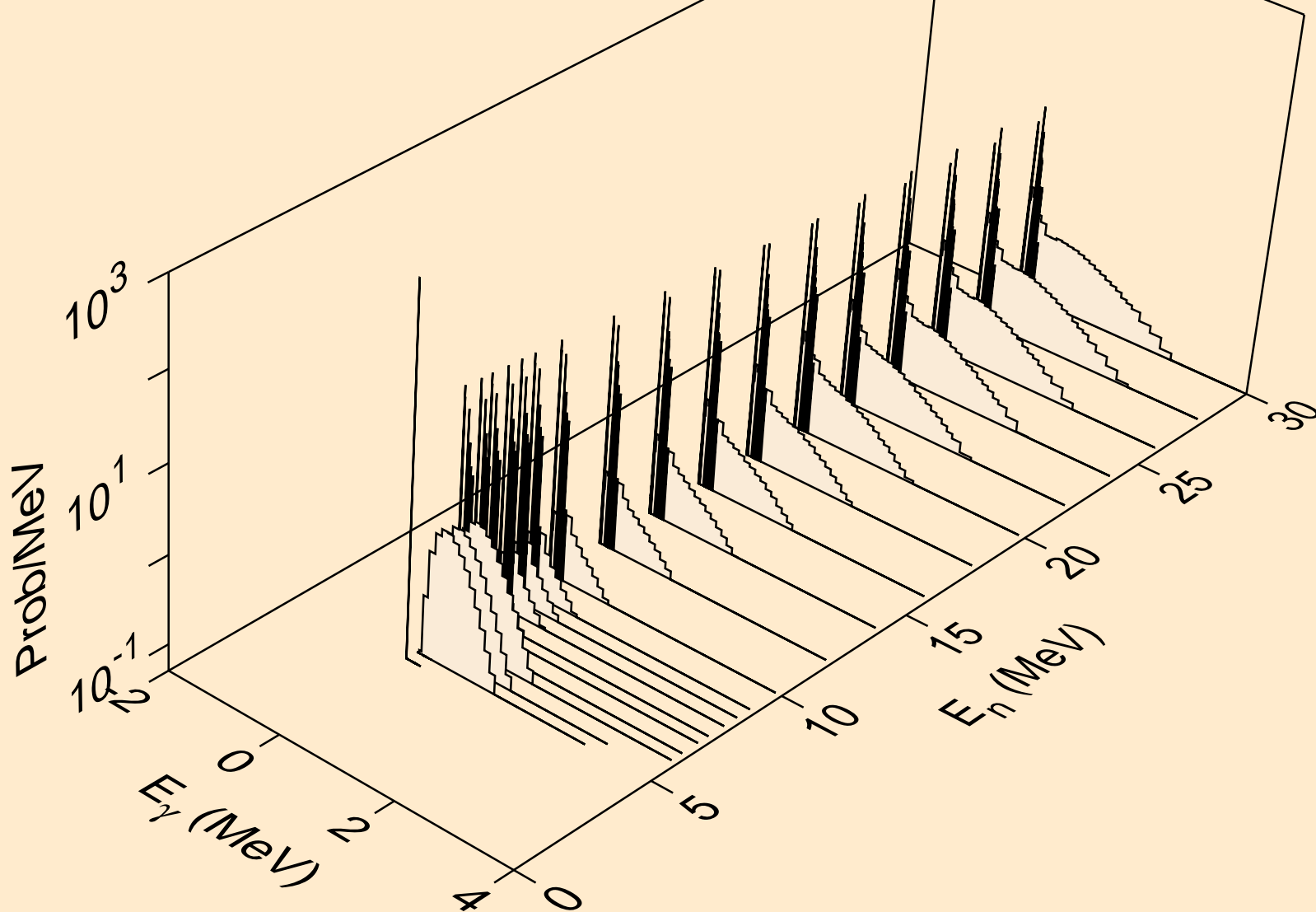


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p

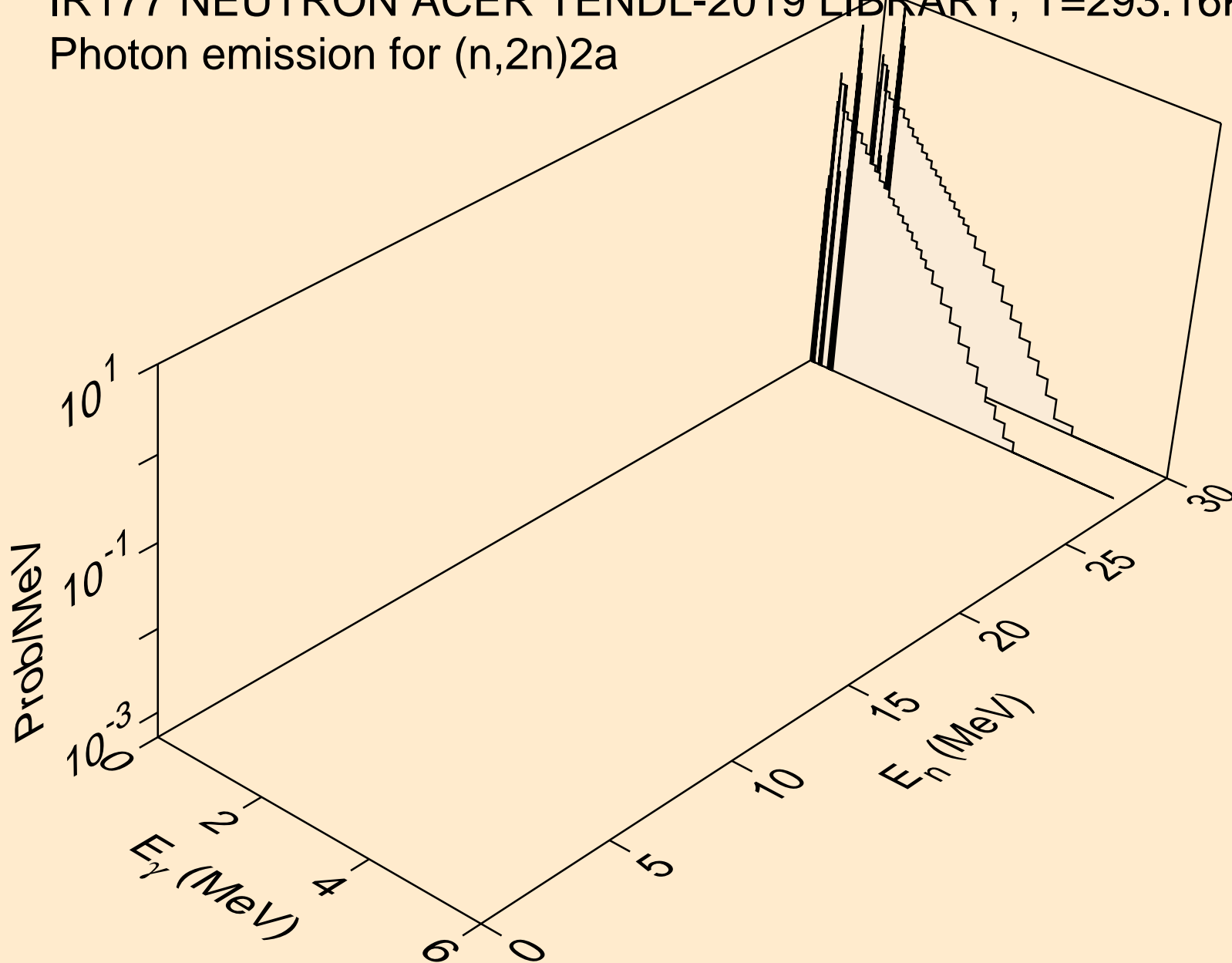




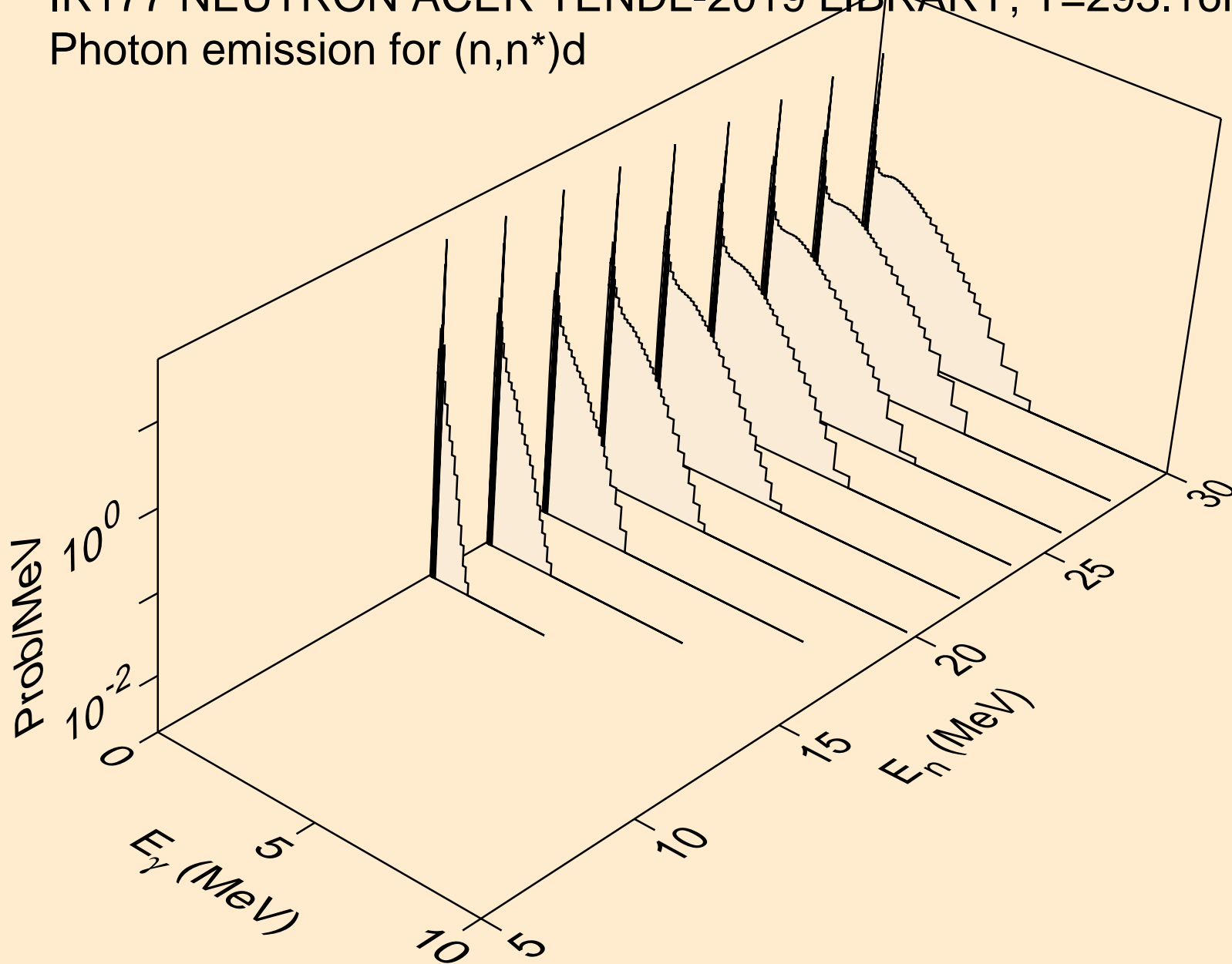
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



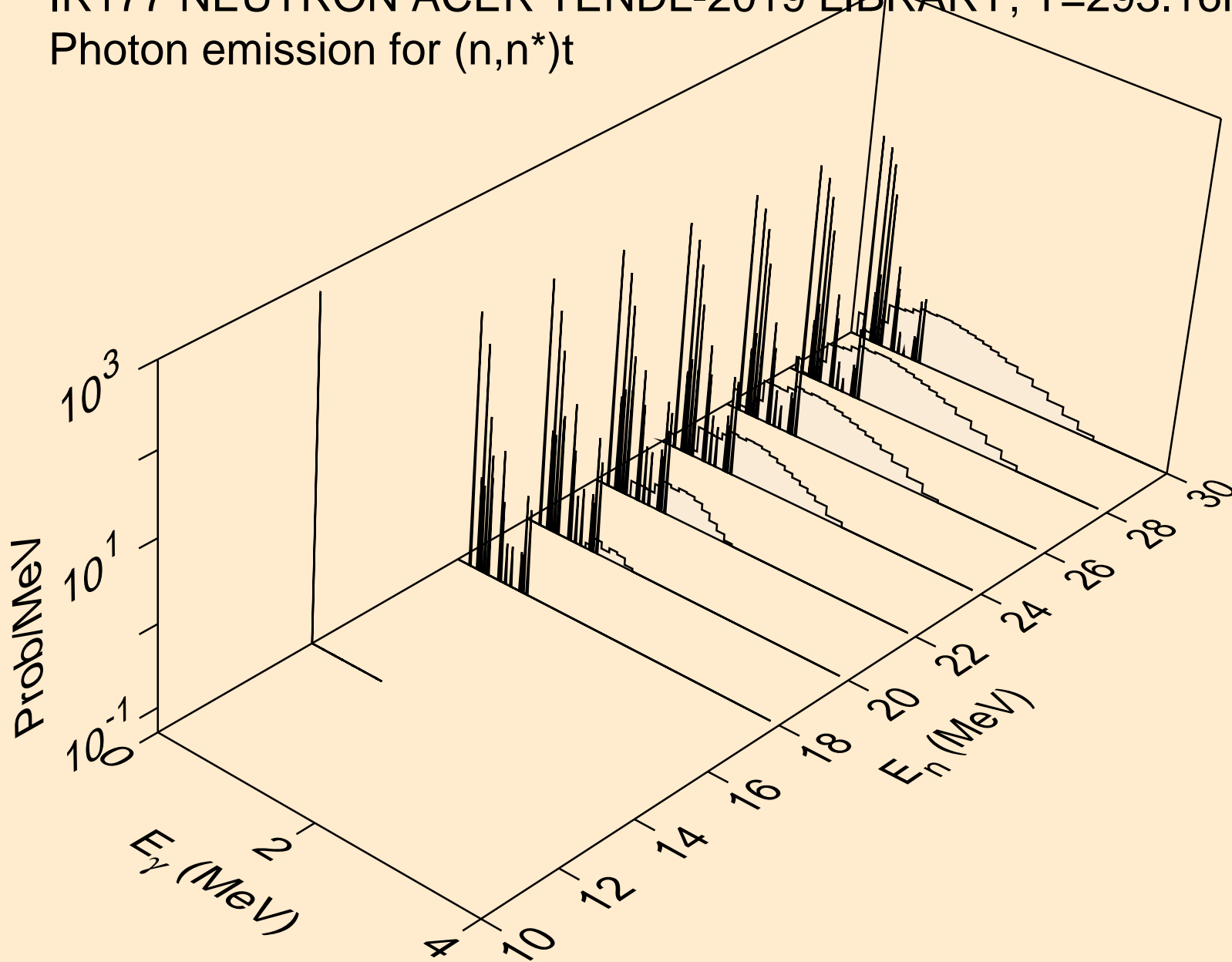
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)2a



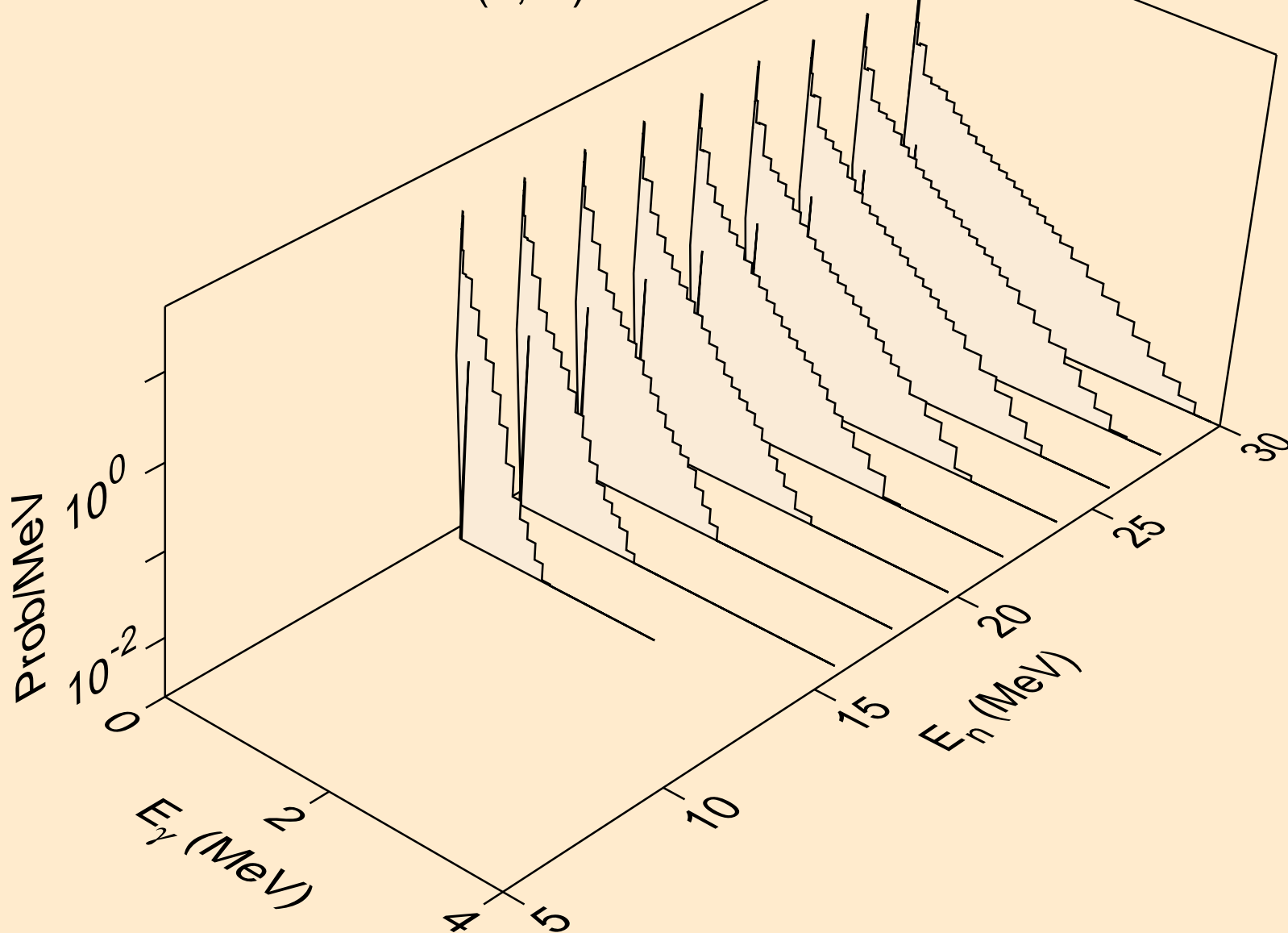
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



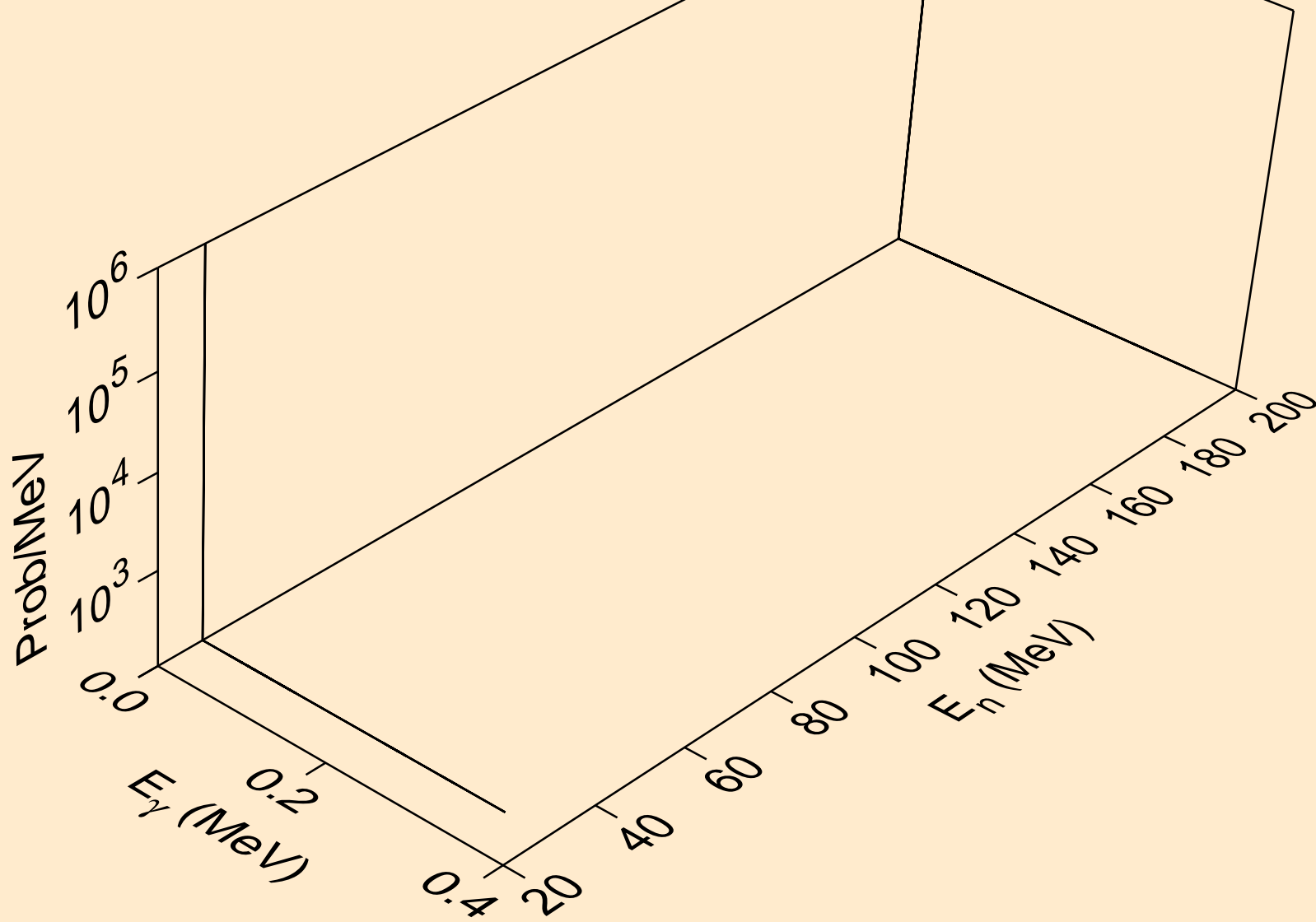
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



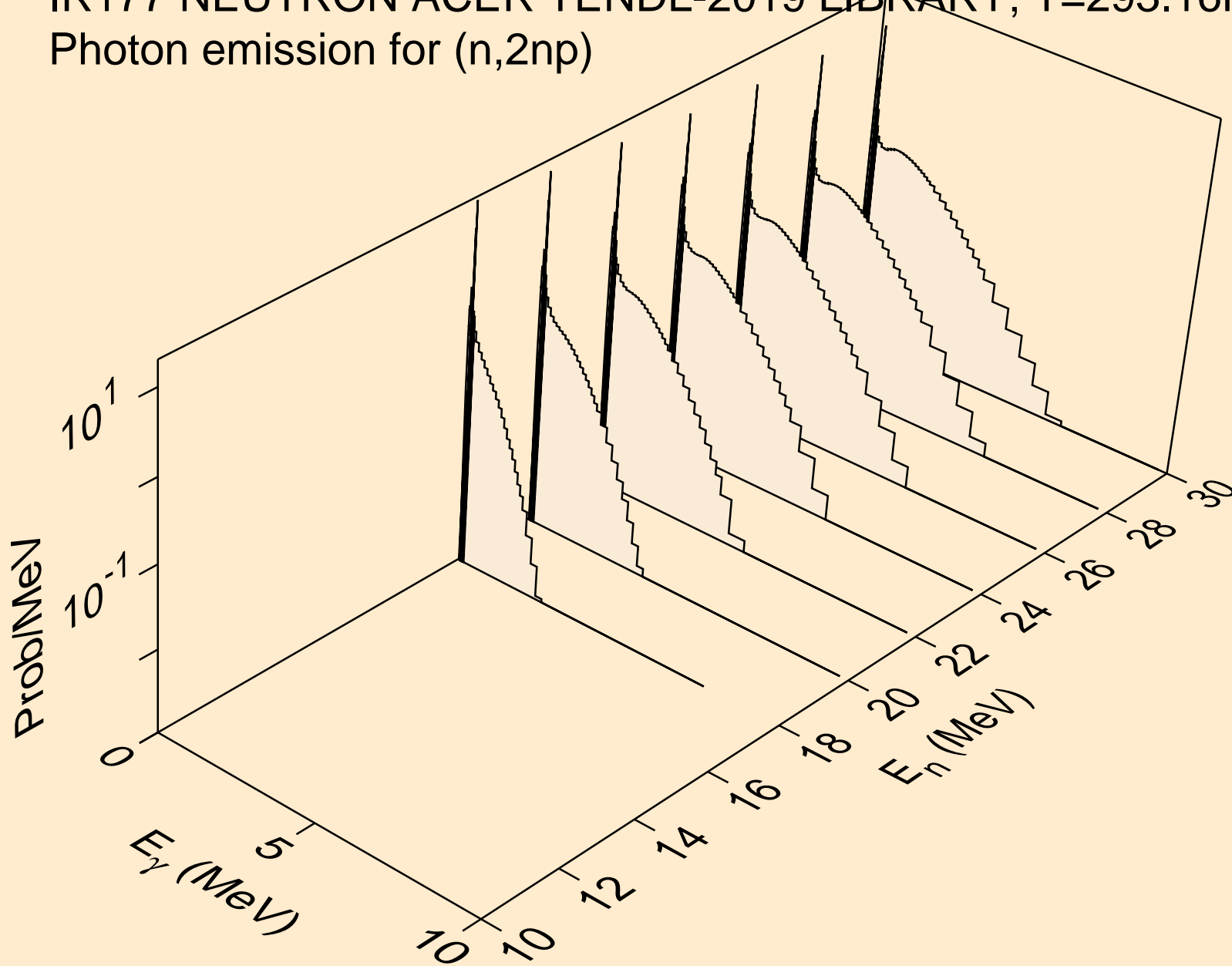
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



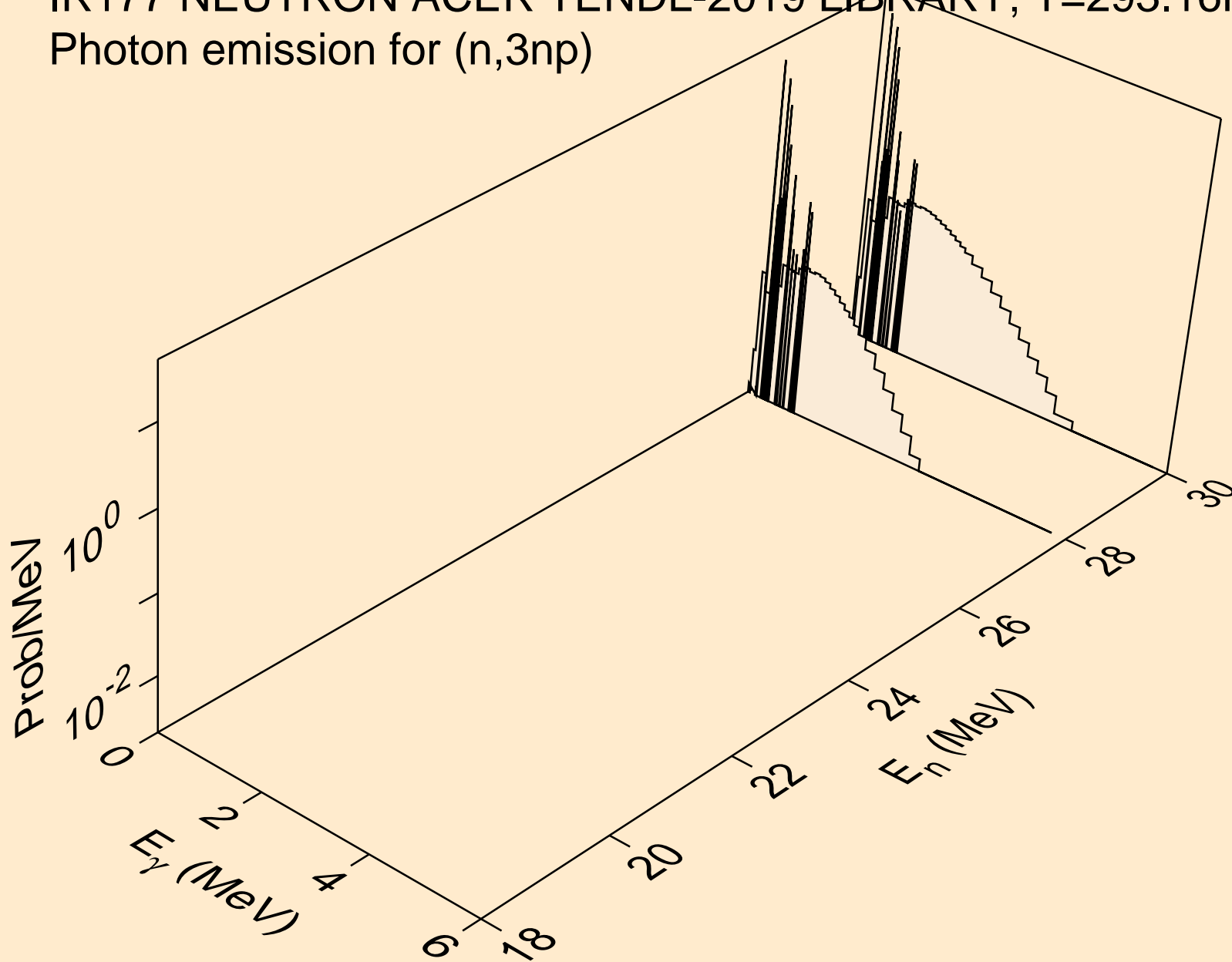
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)

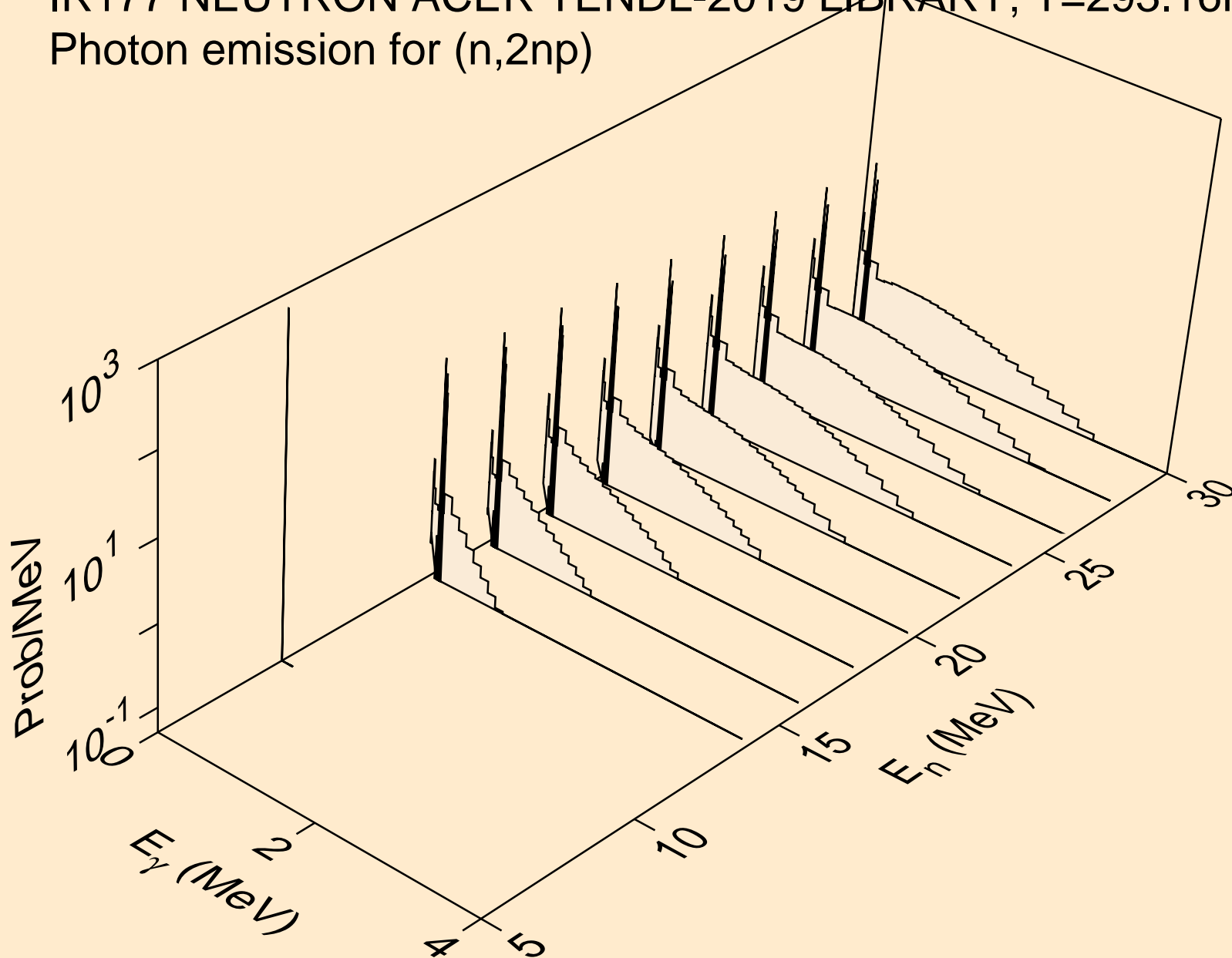


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

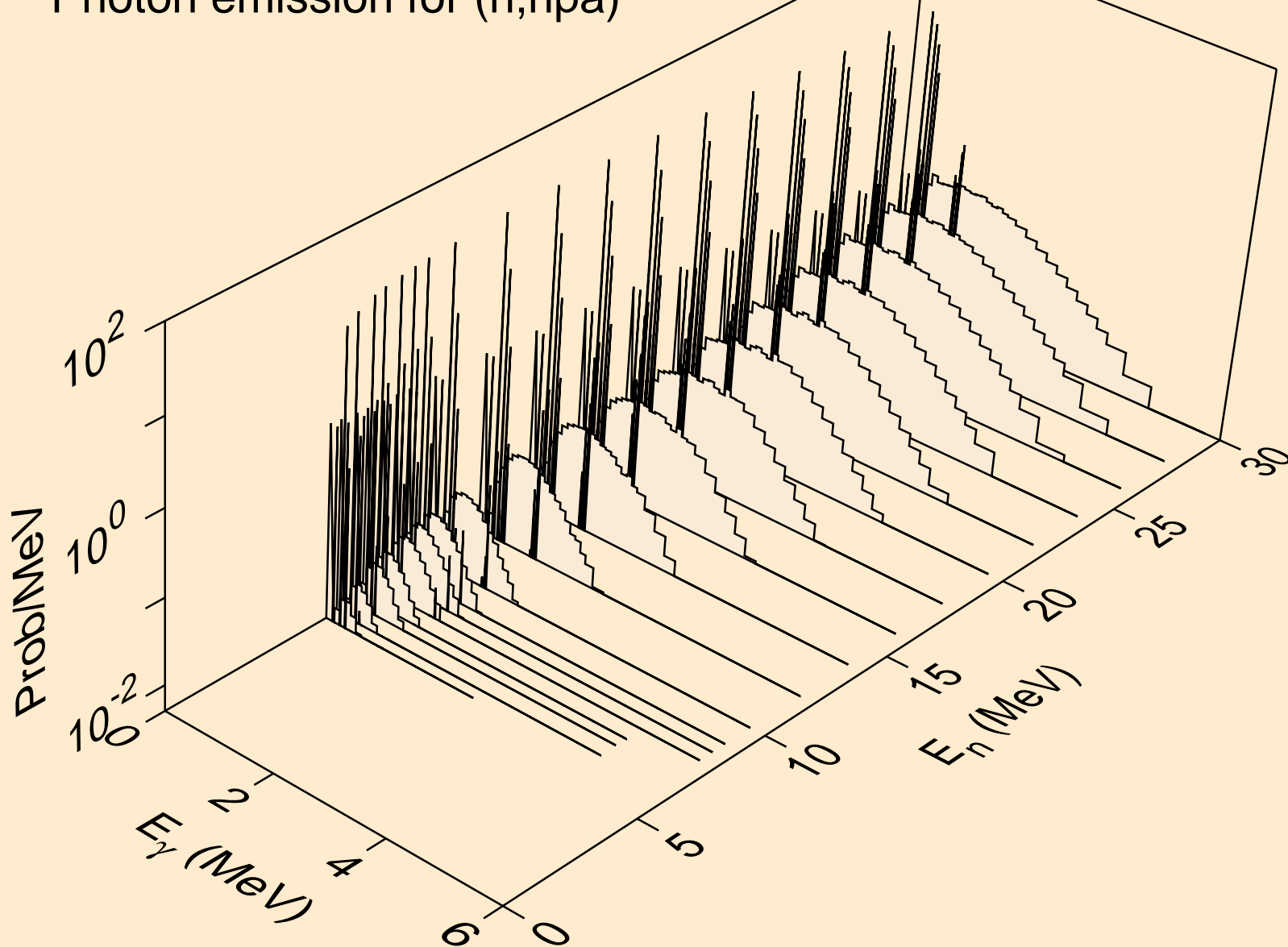




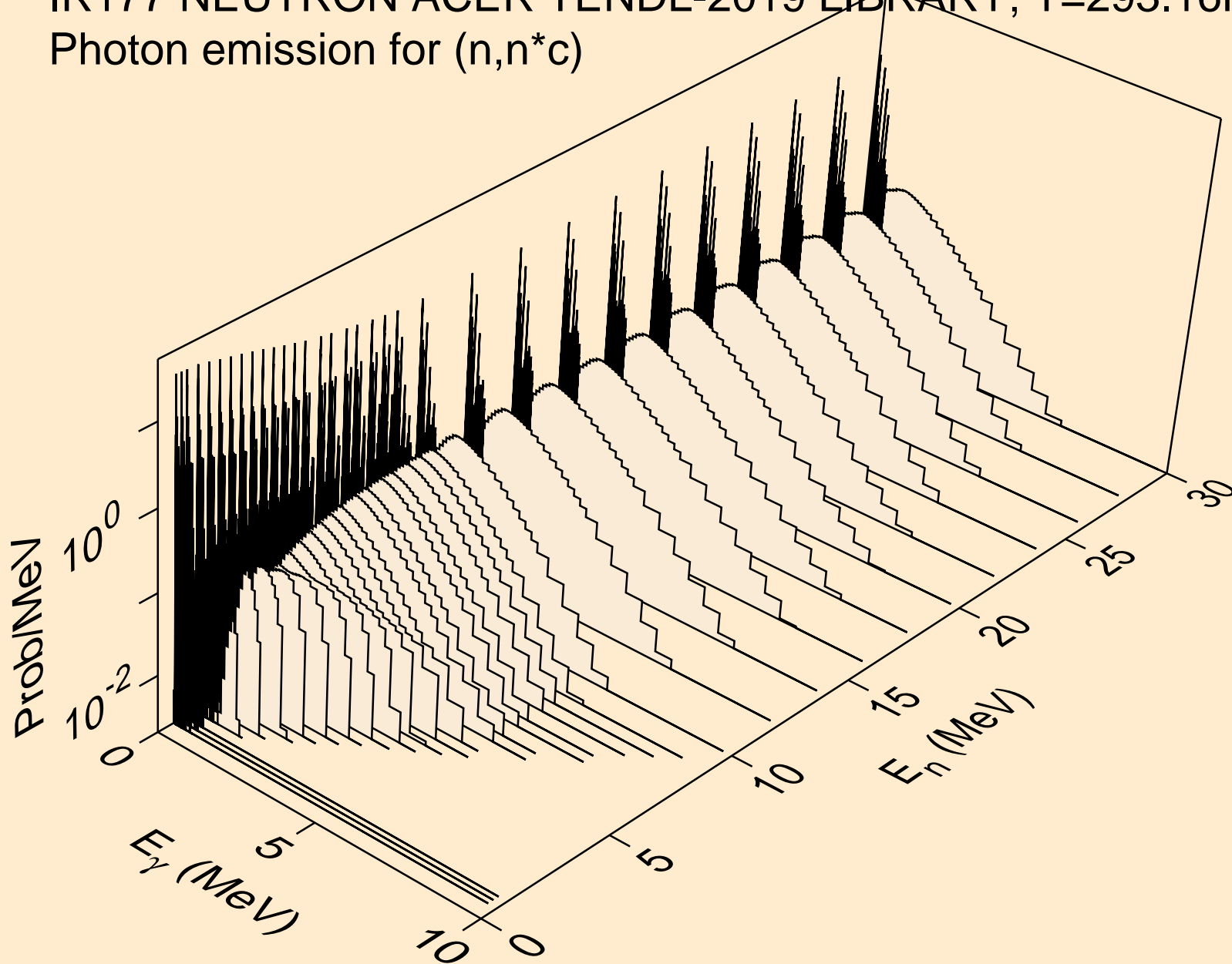
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



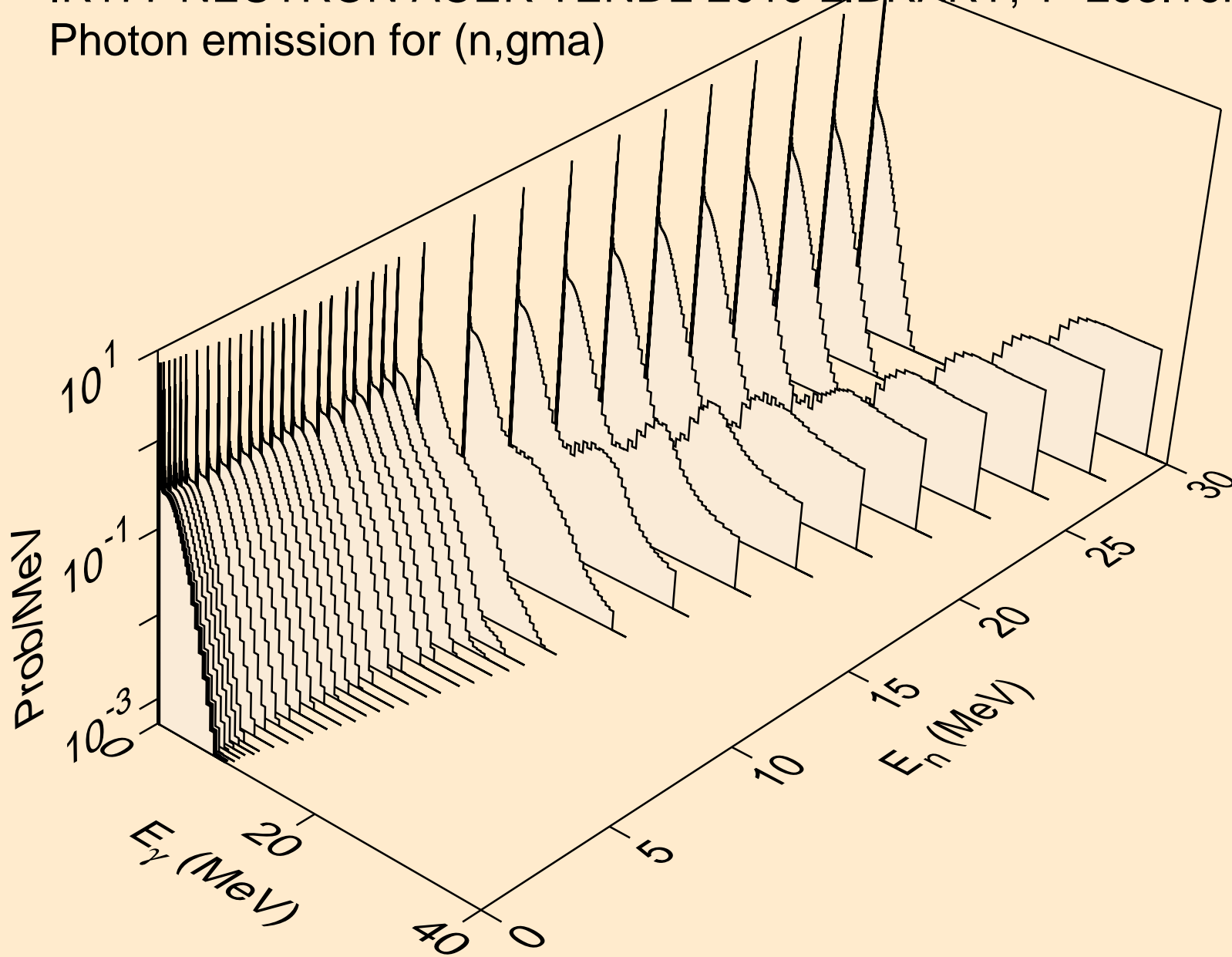
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



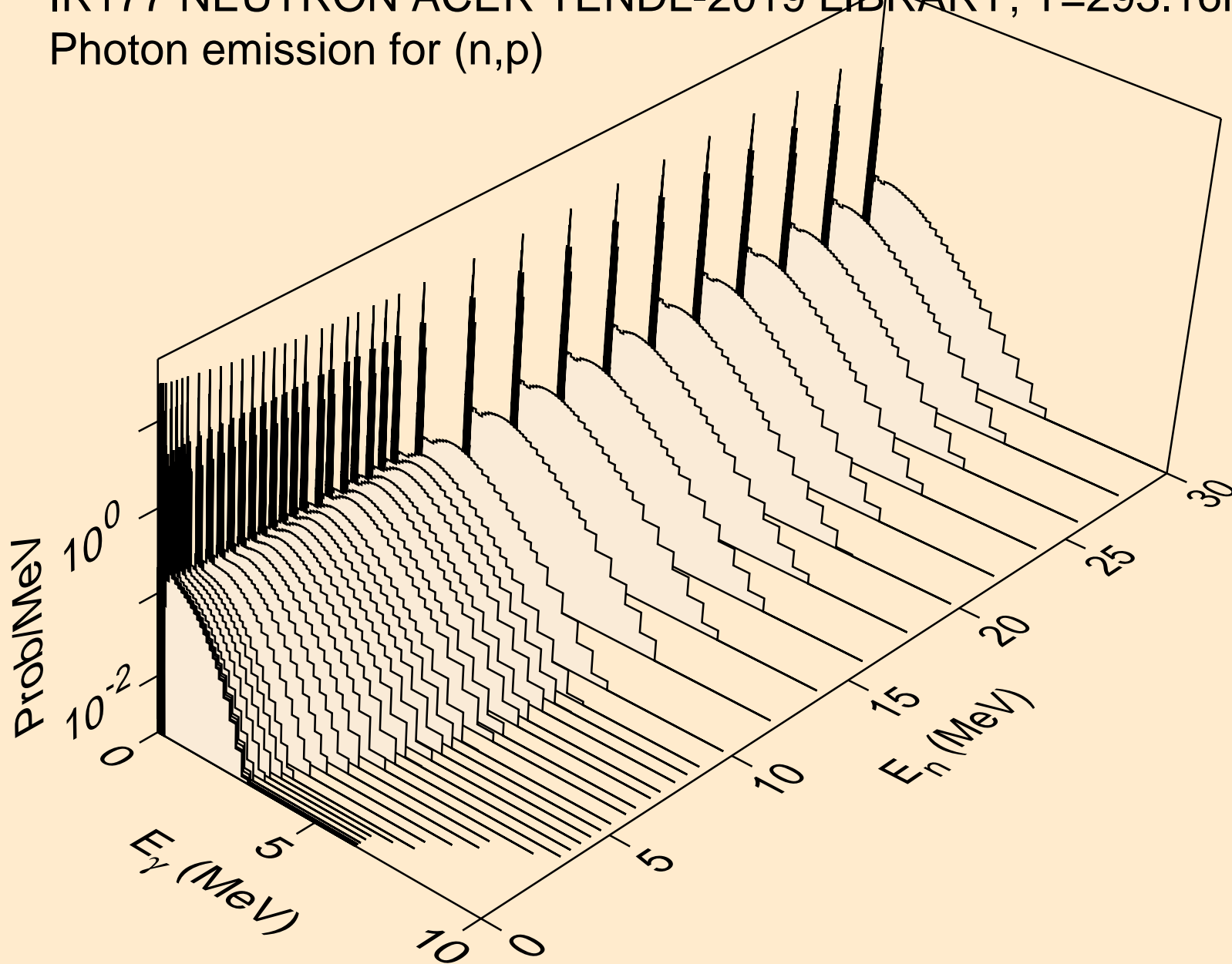
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



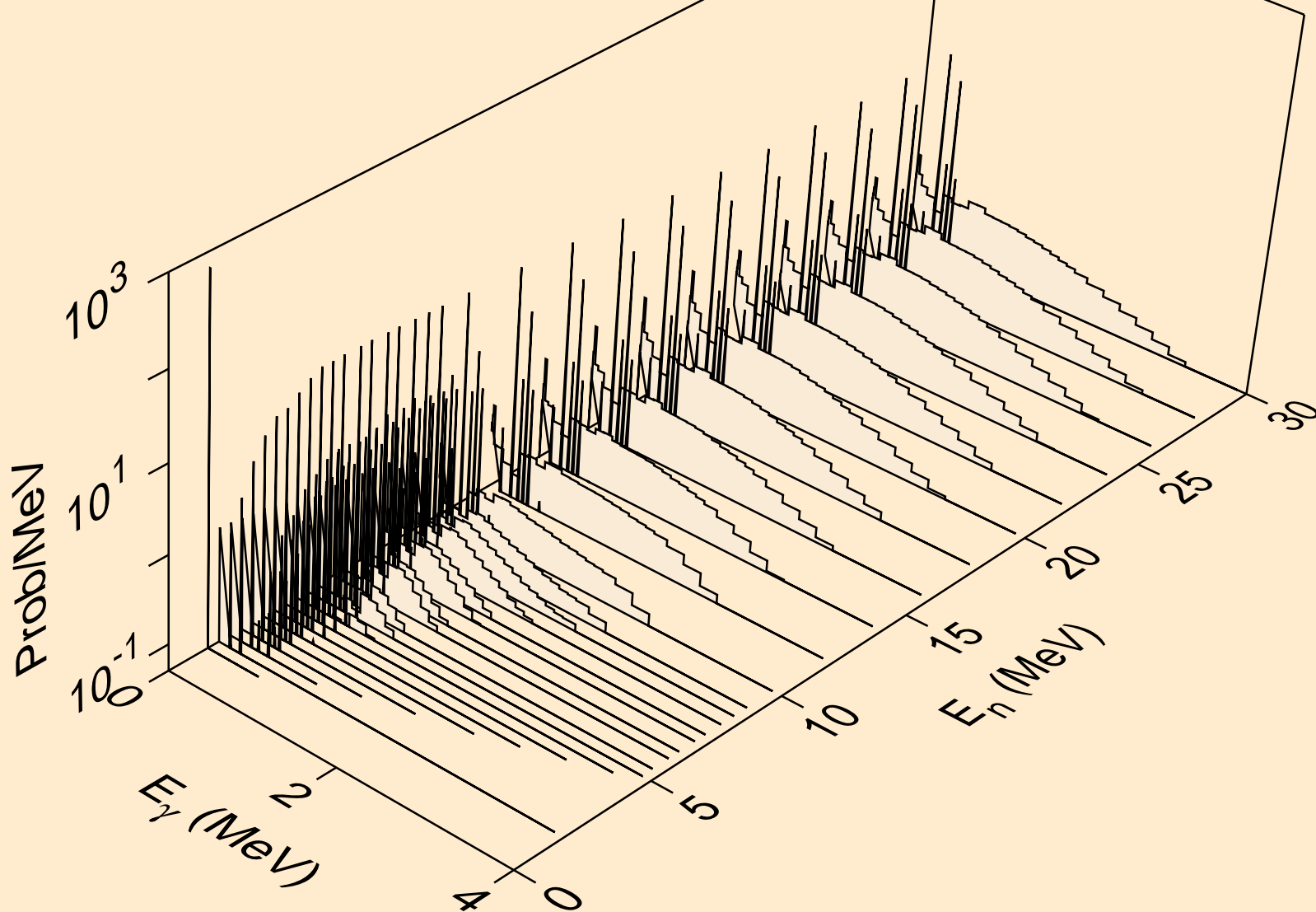
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



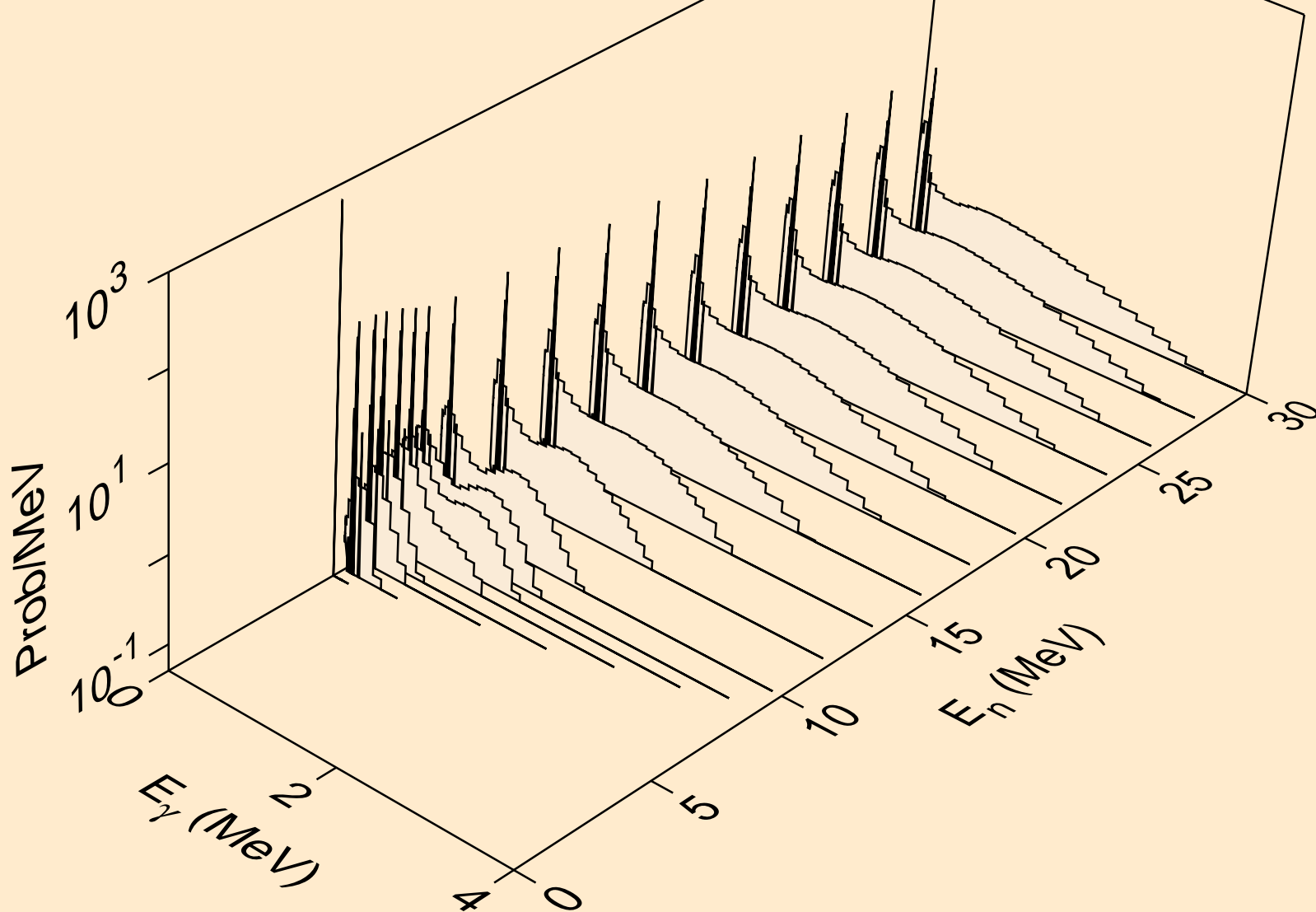
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



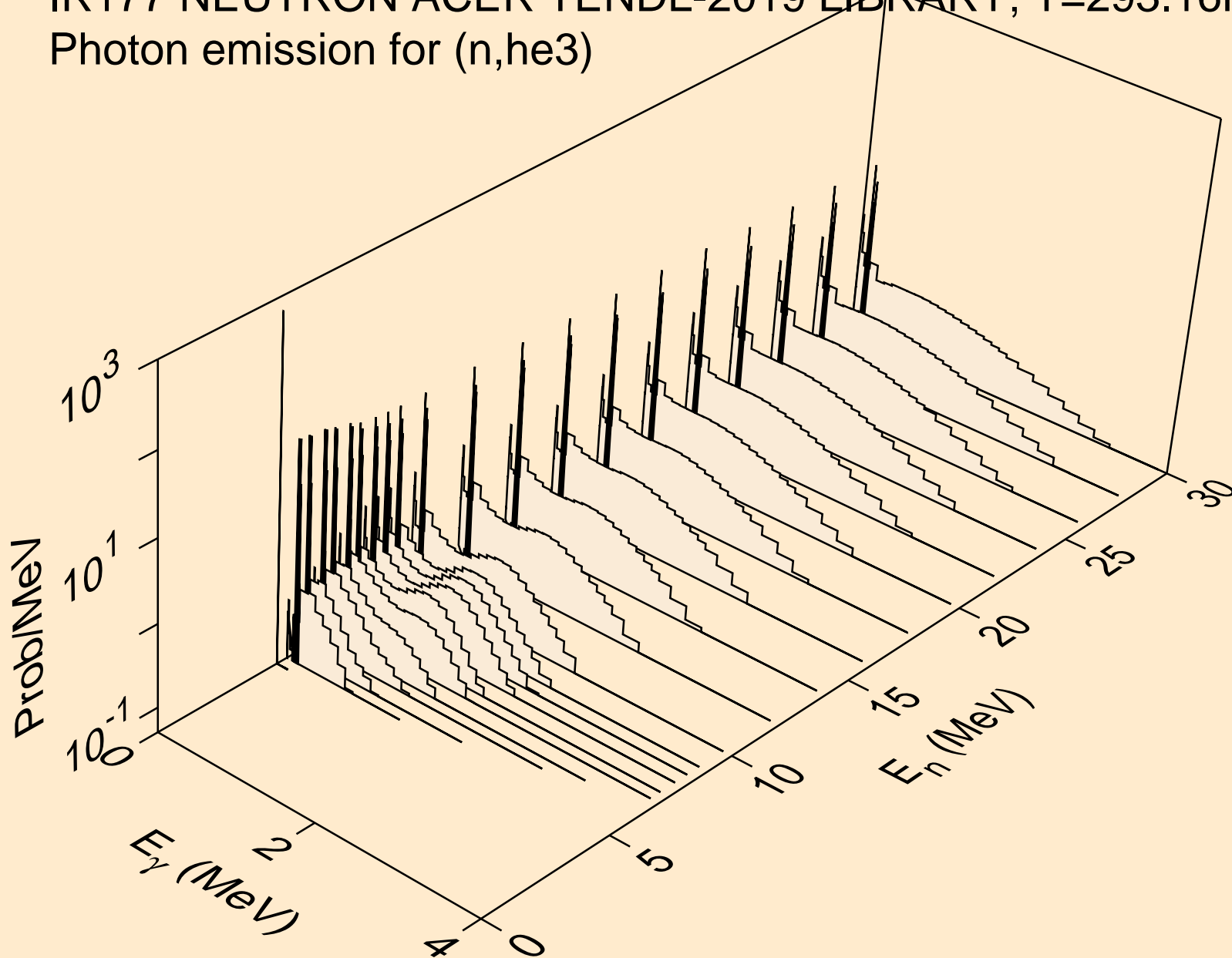
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)

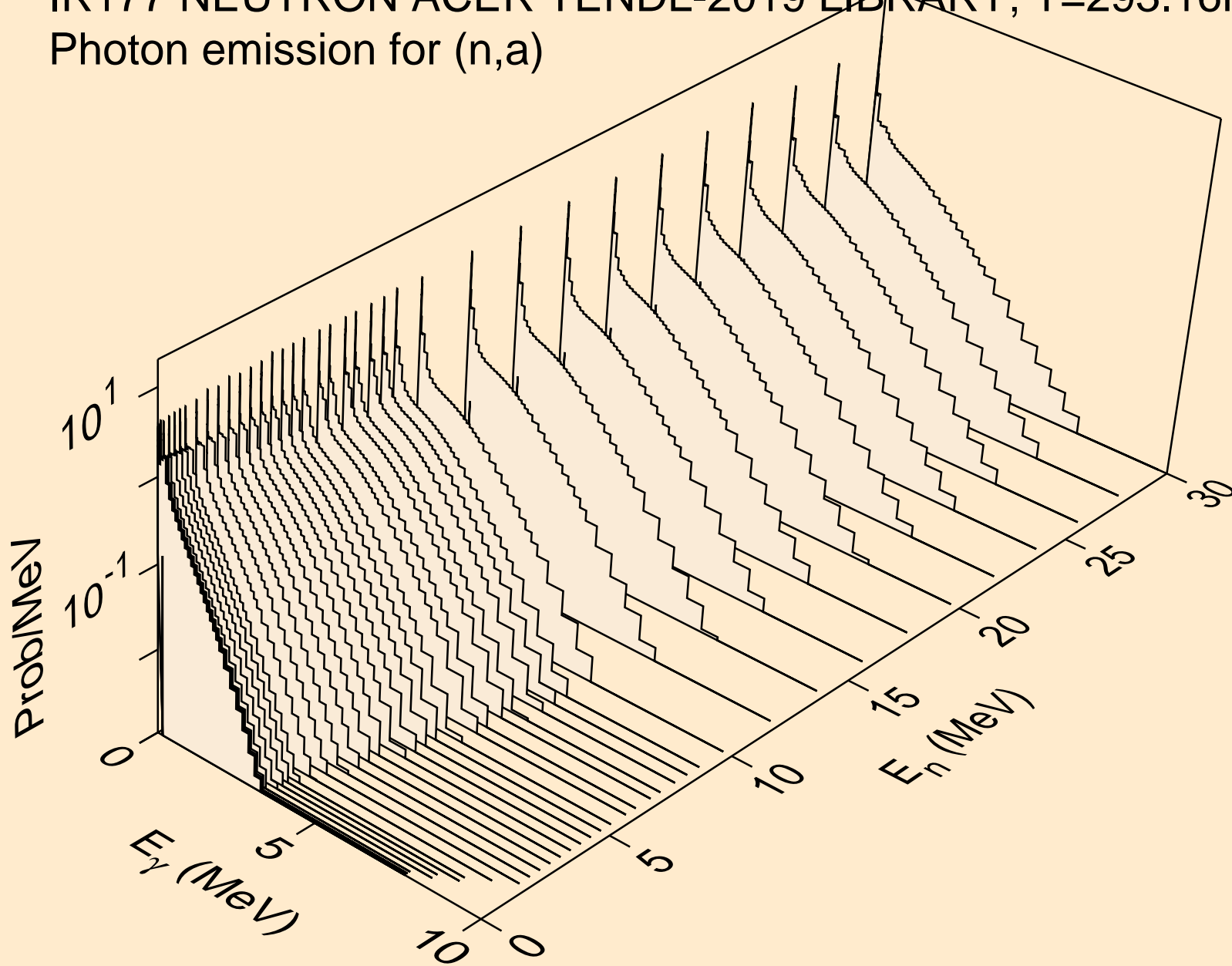


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)

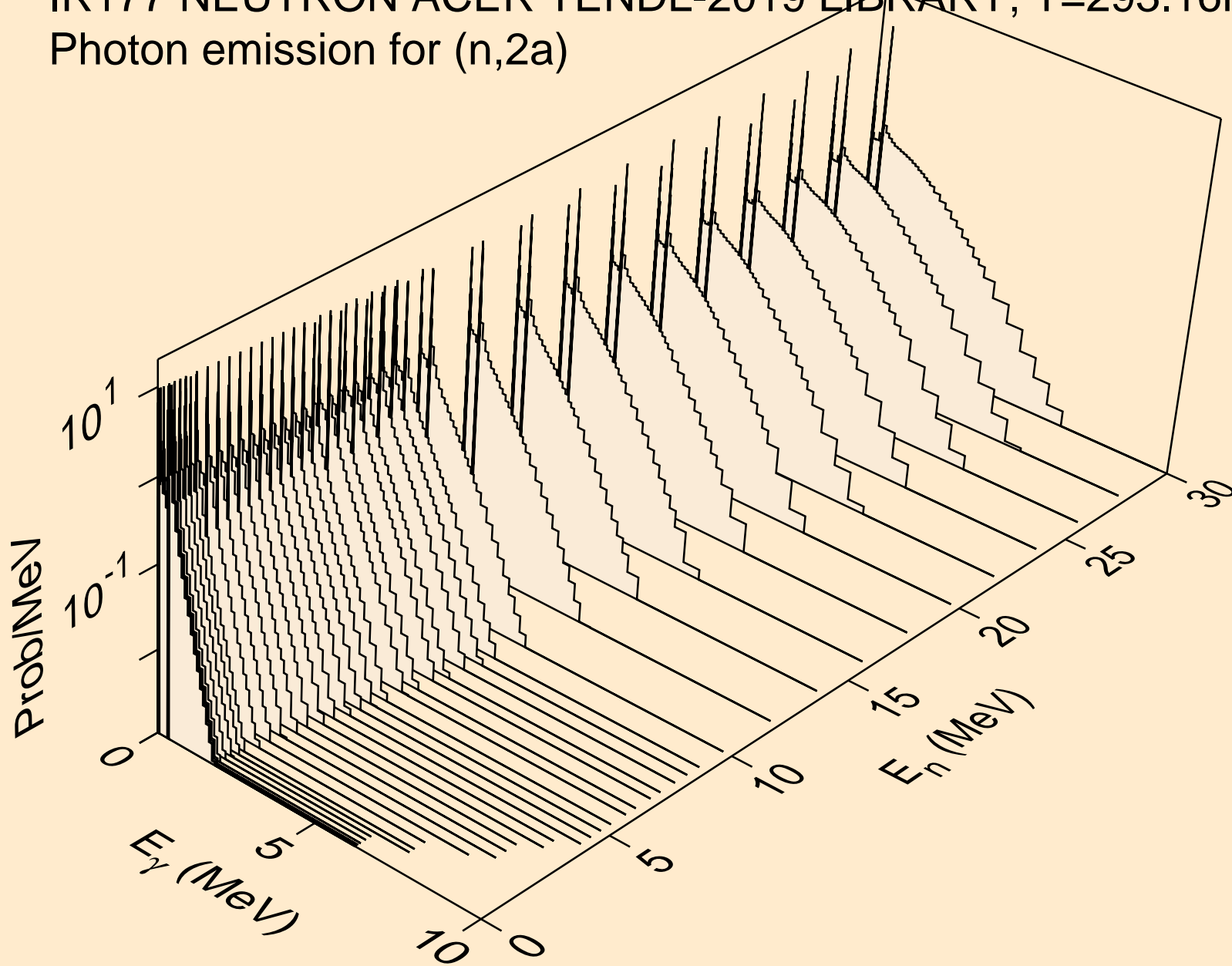




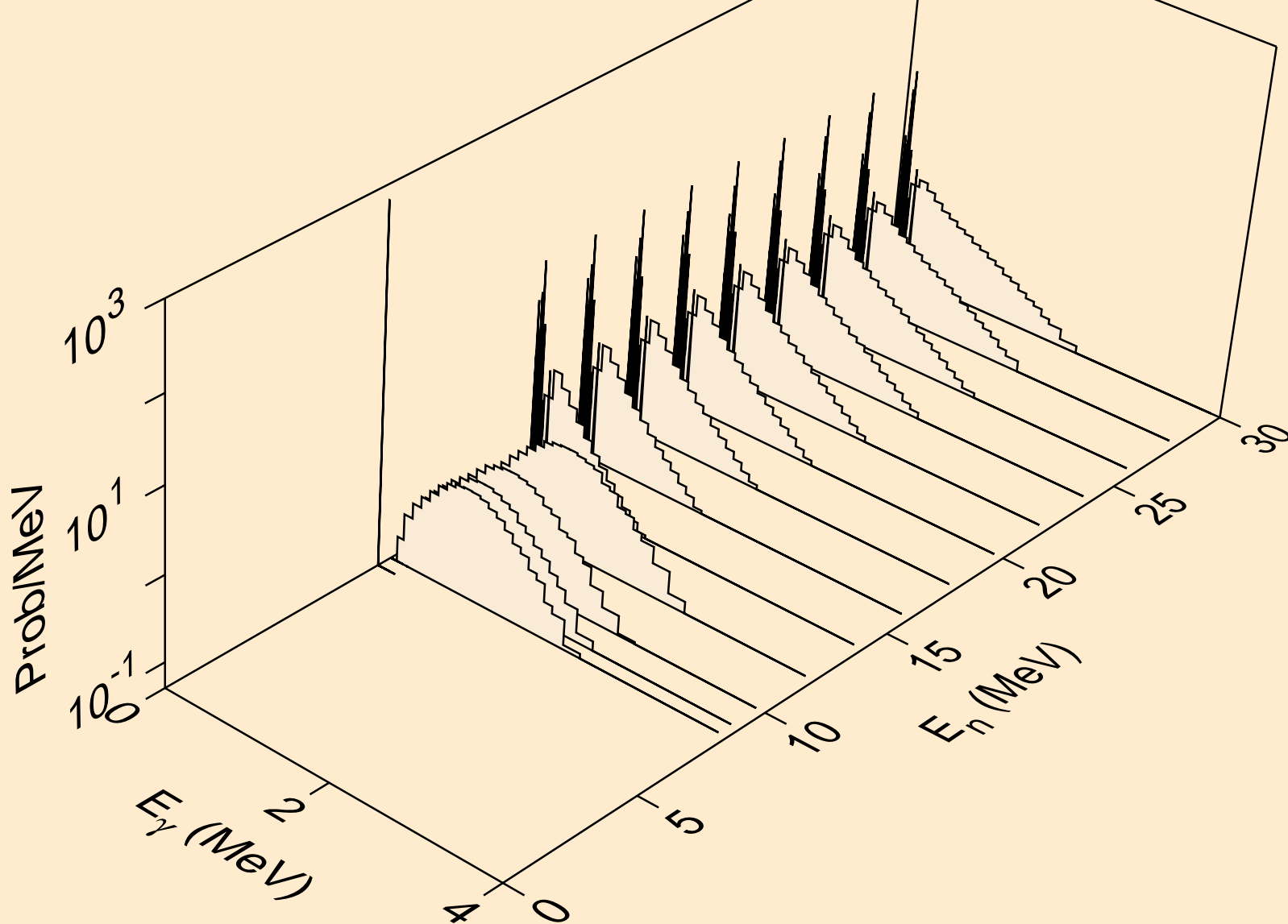
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



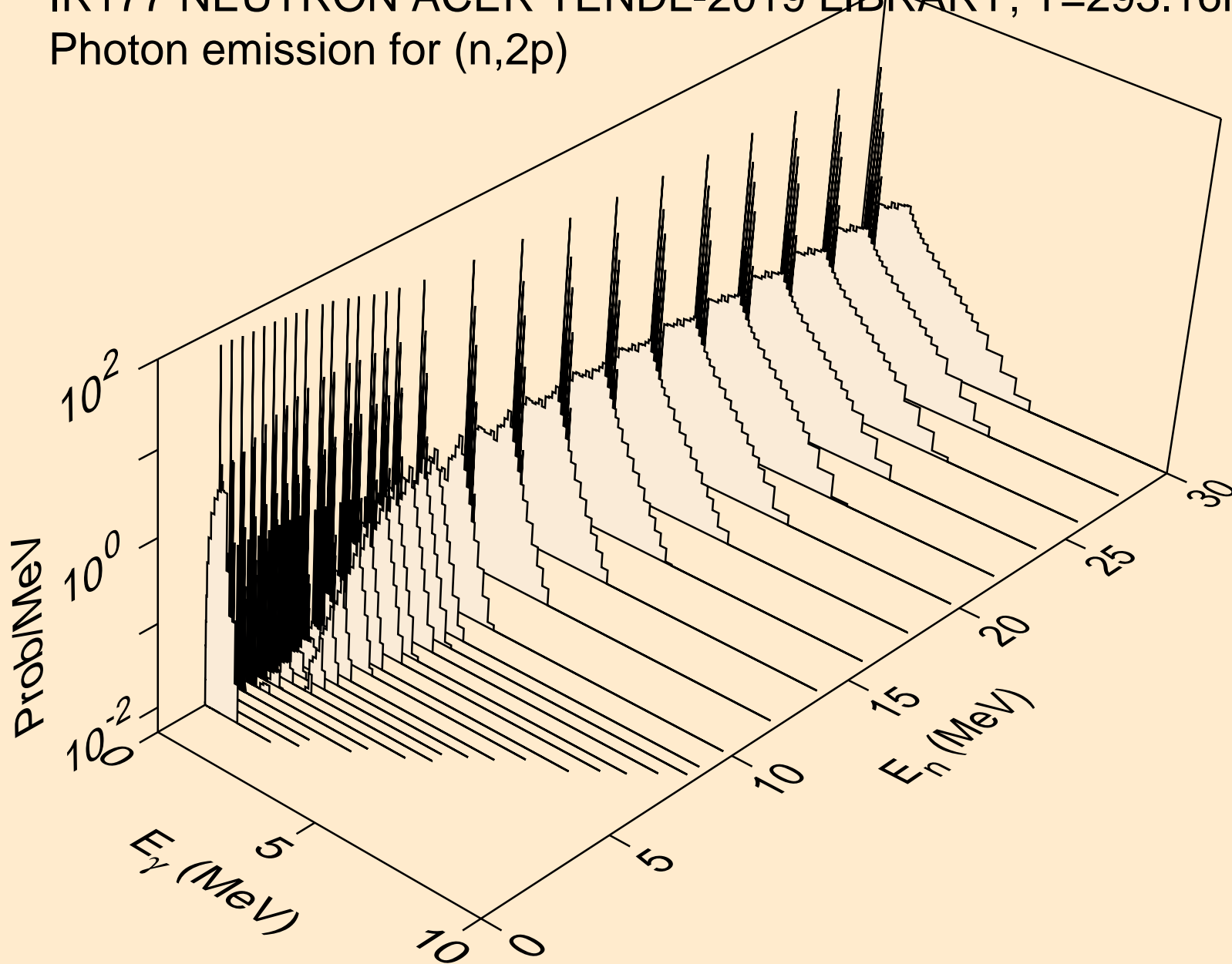
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)



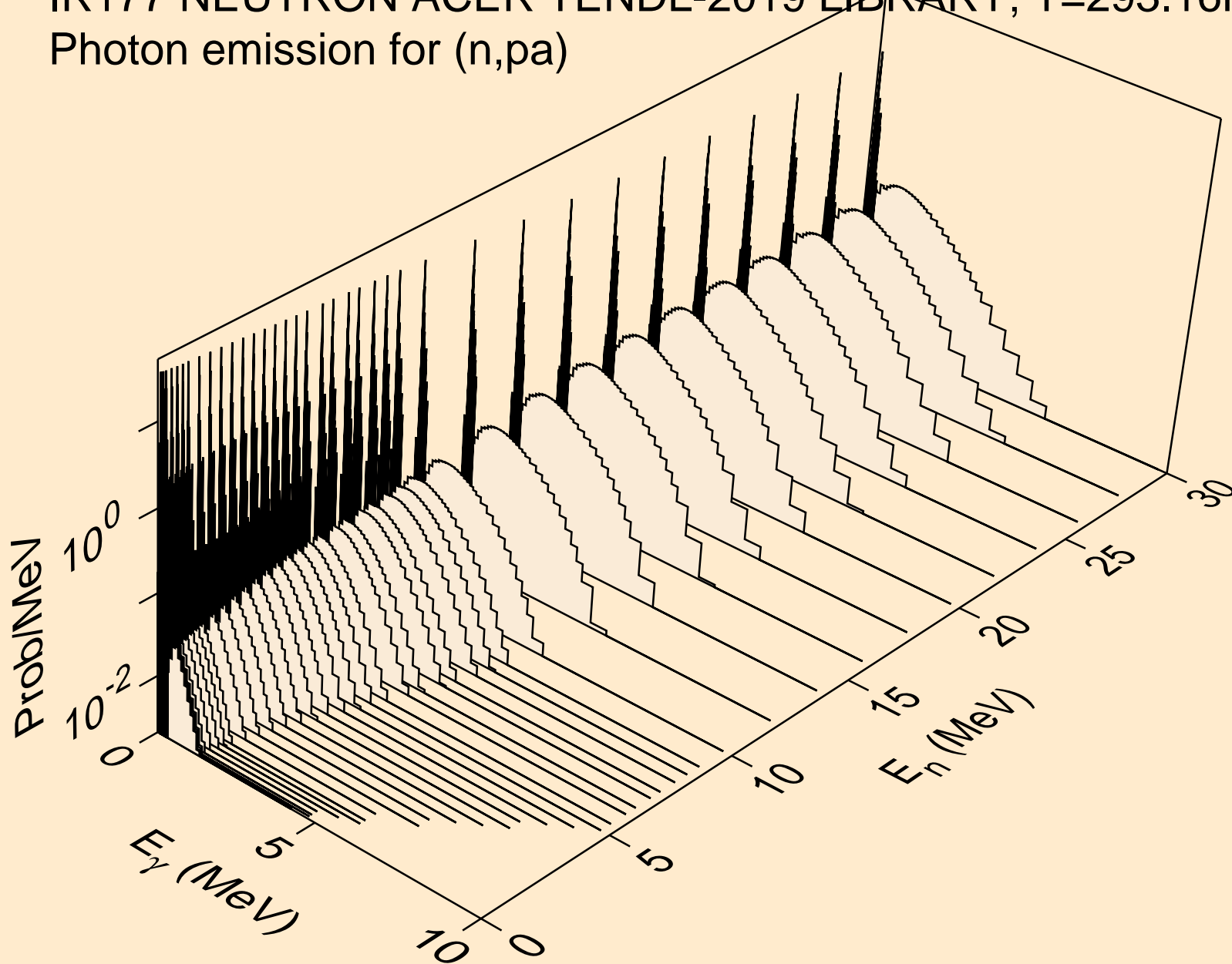
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3a)



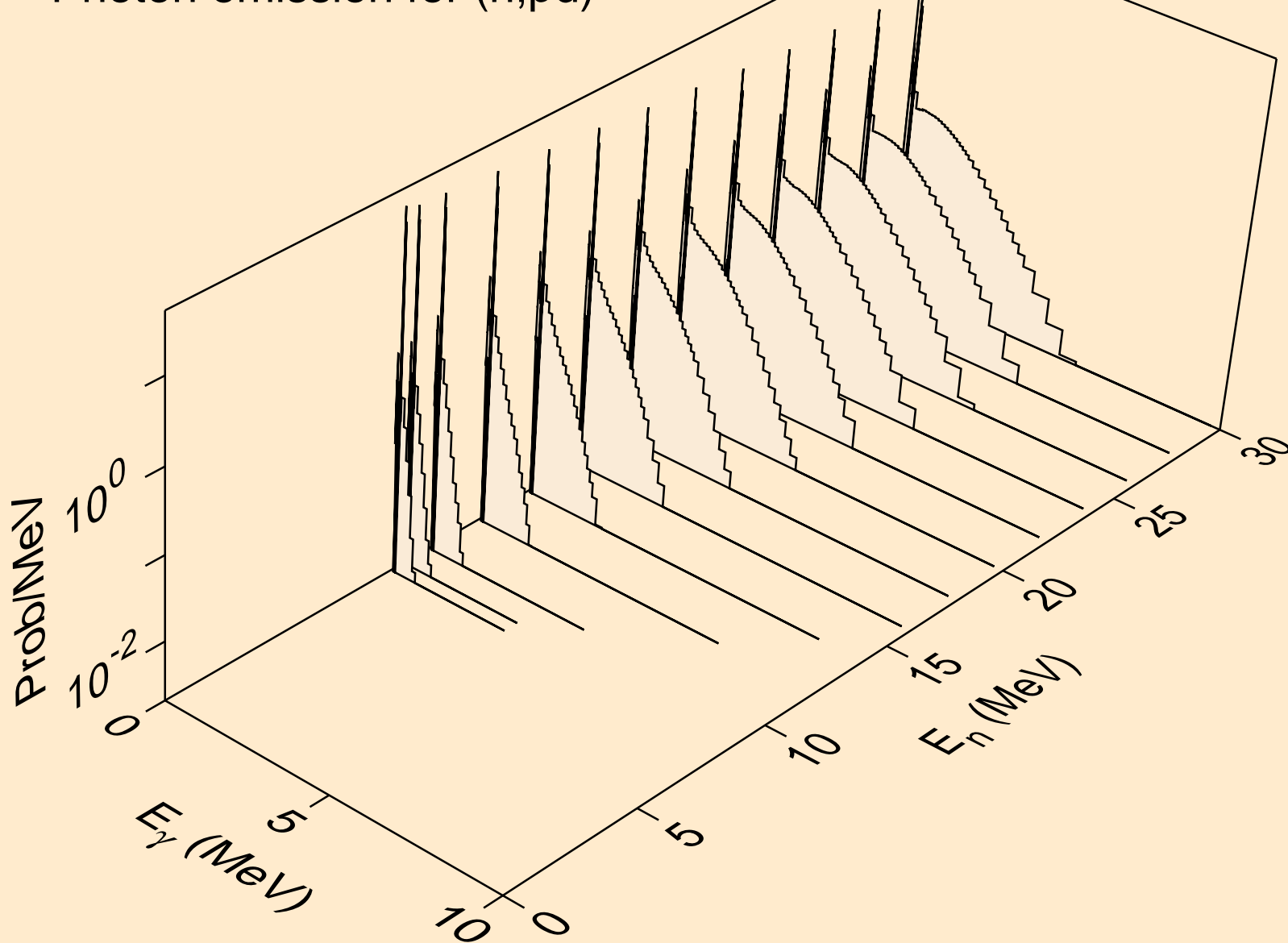
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



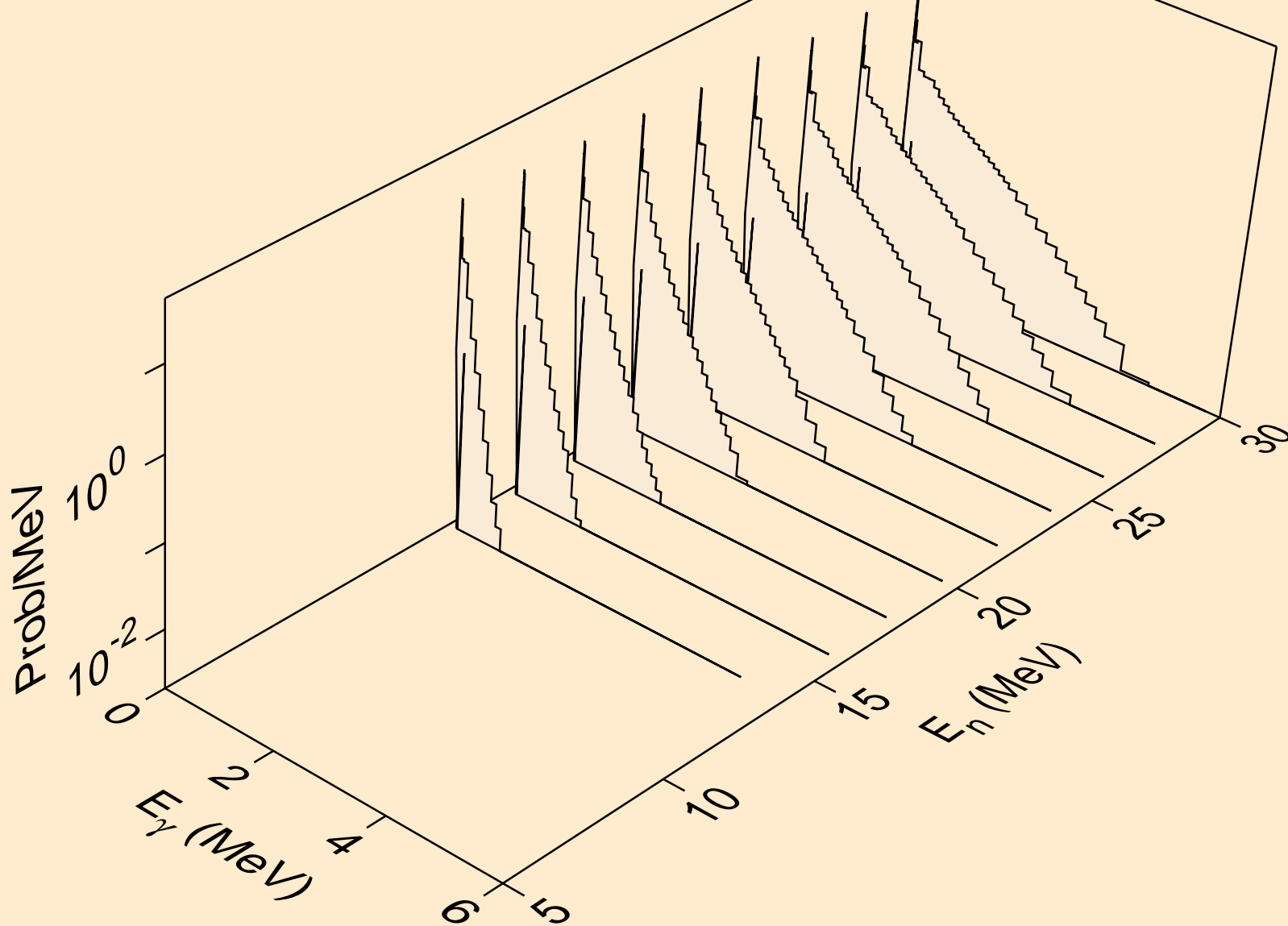
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )



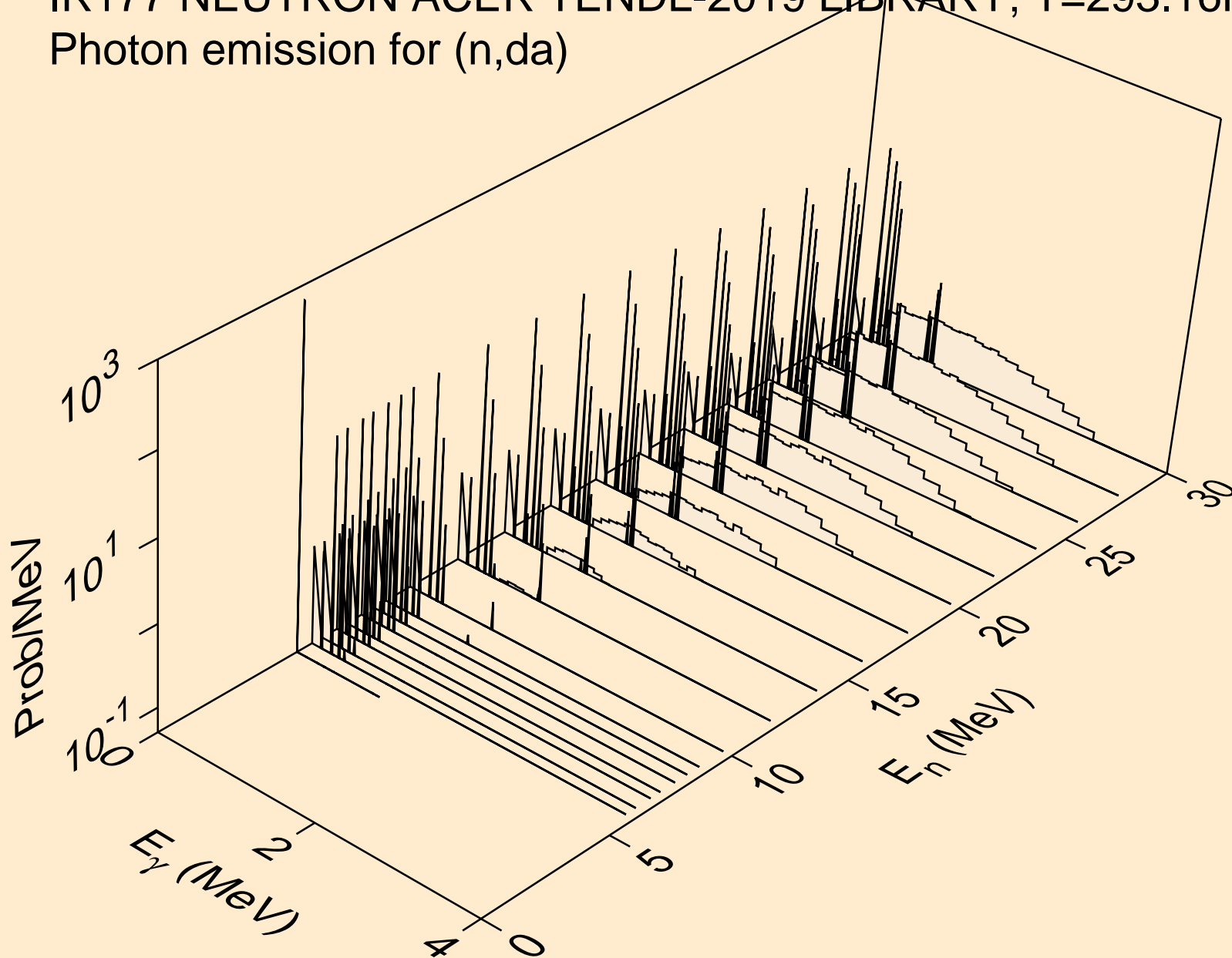
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)

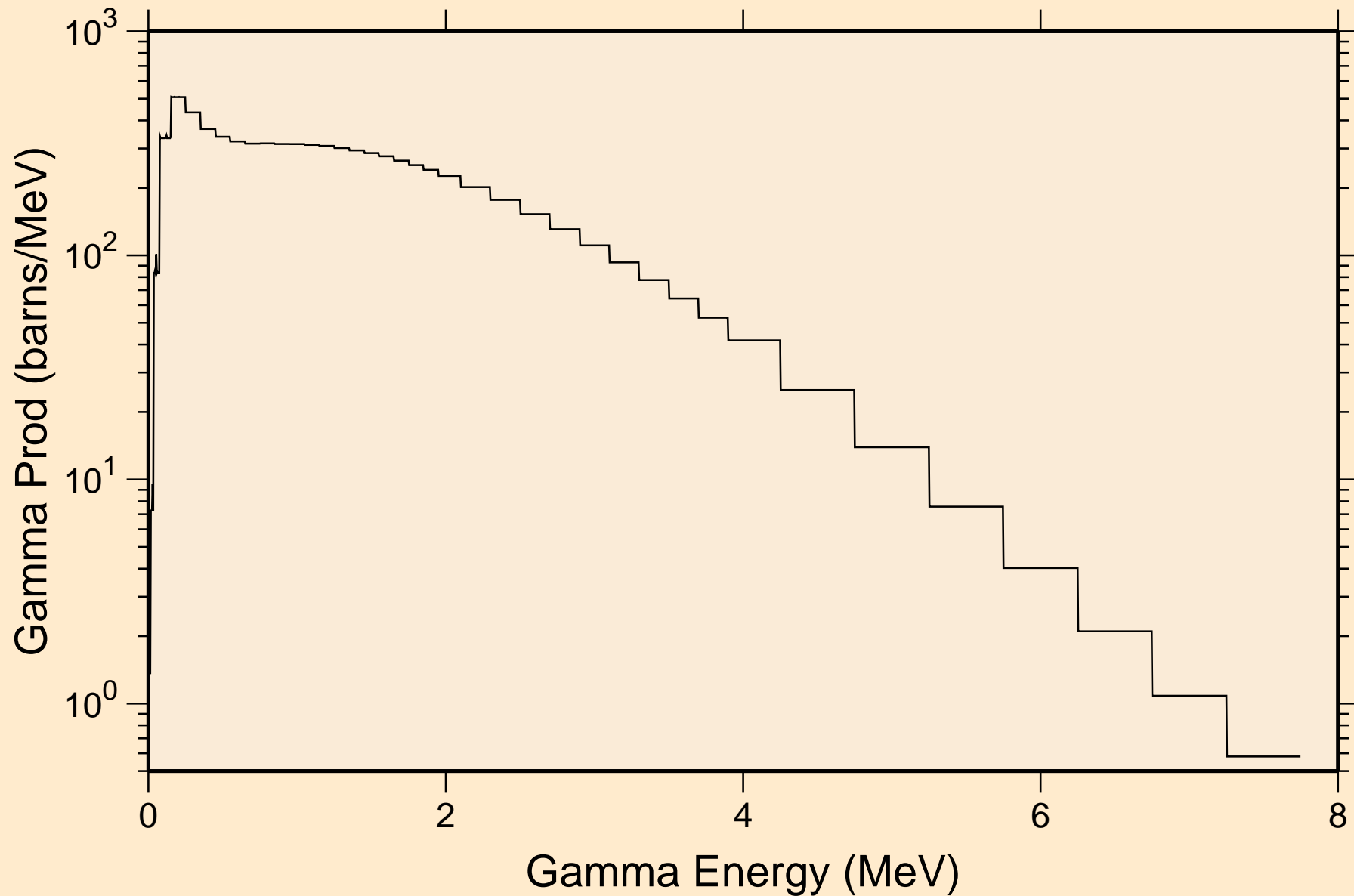


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)

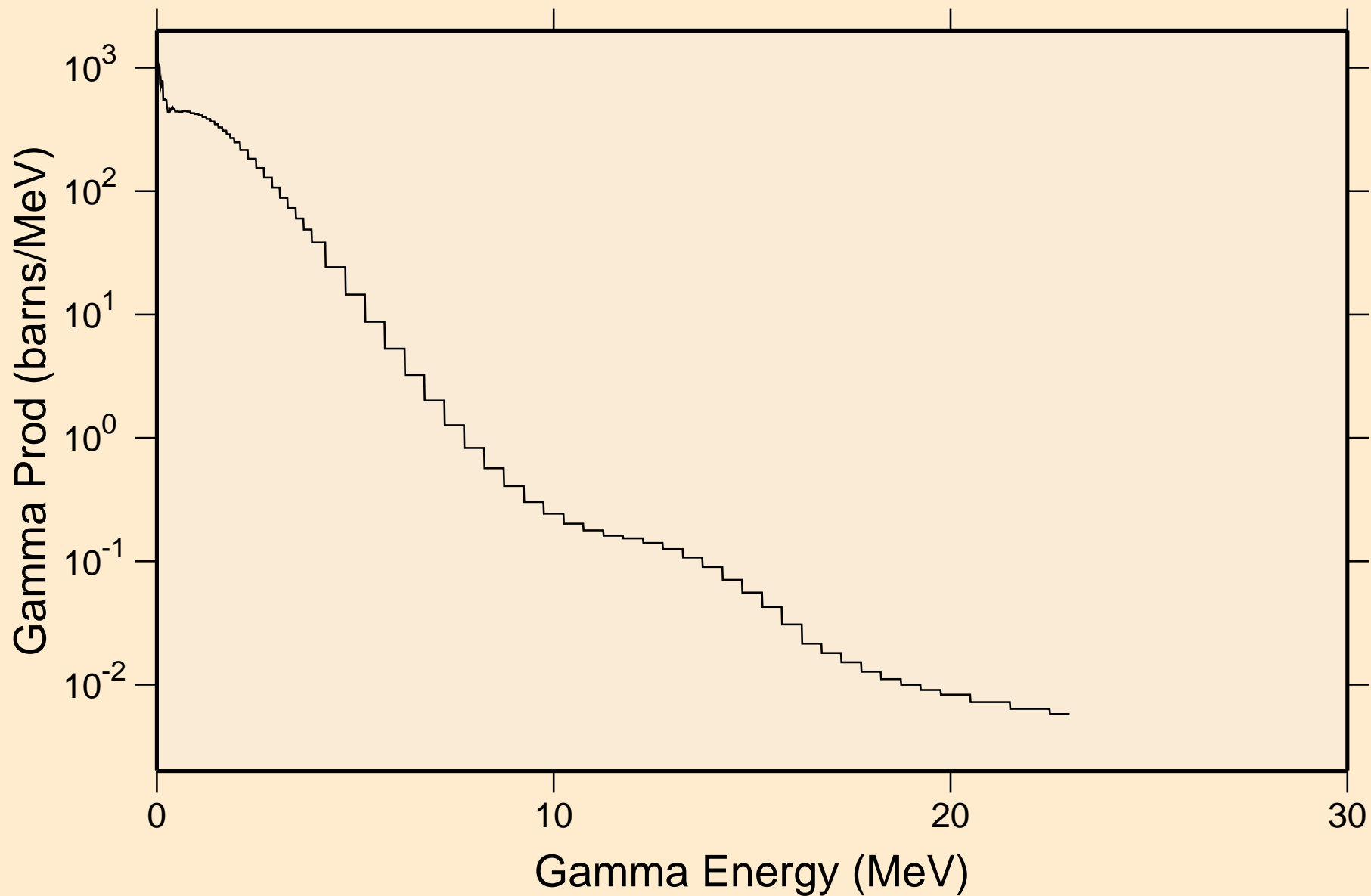




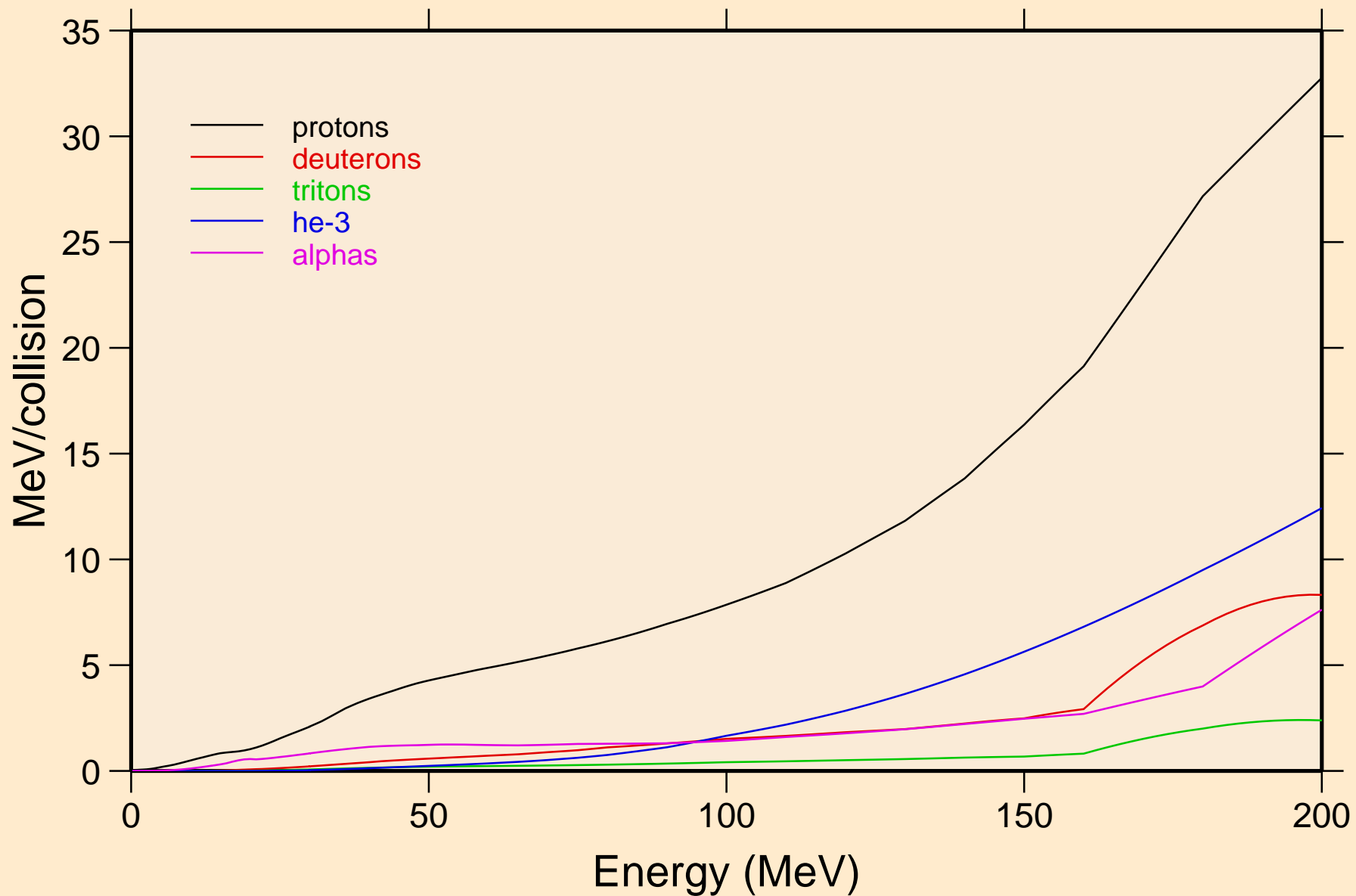
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



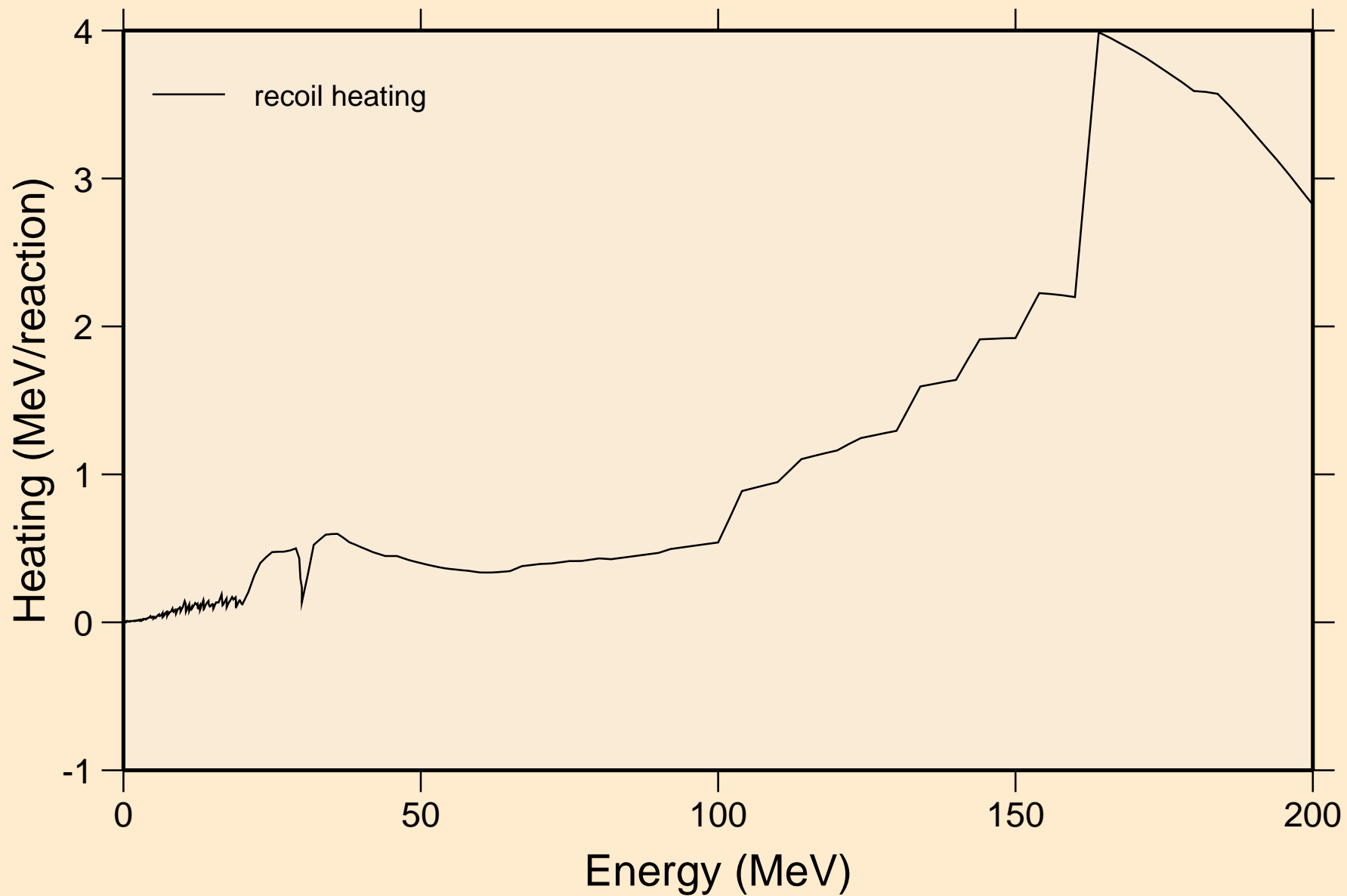
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



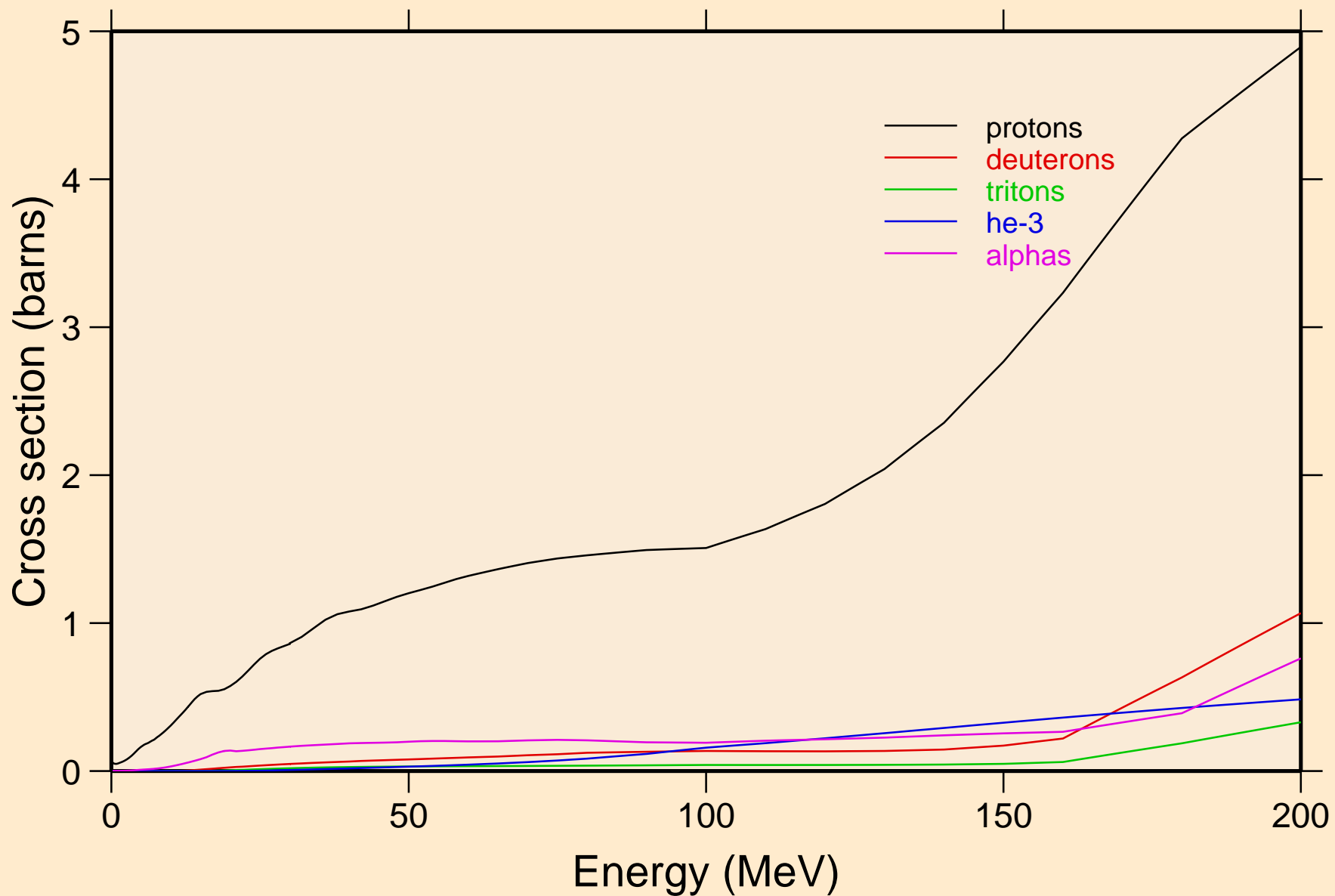
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions



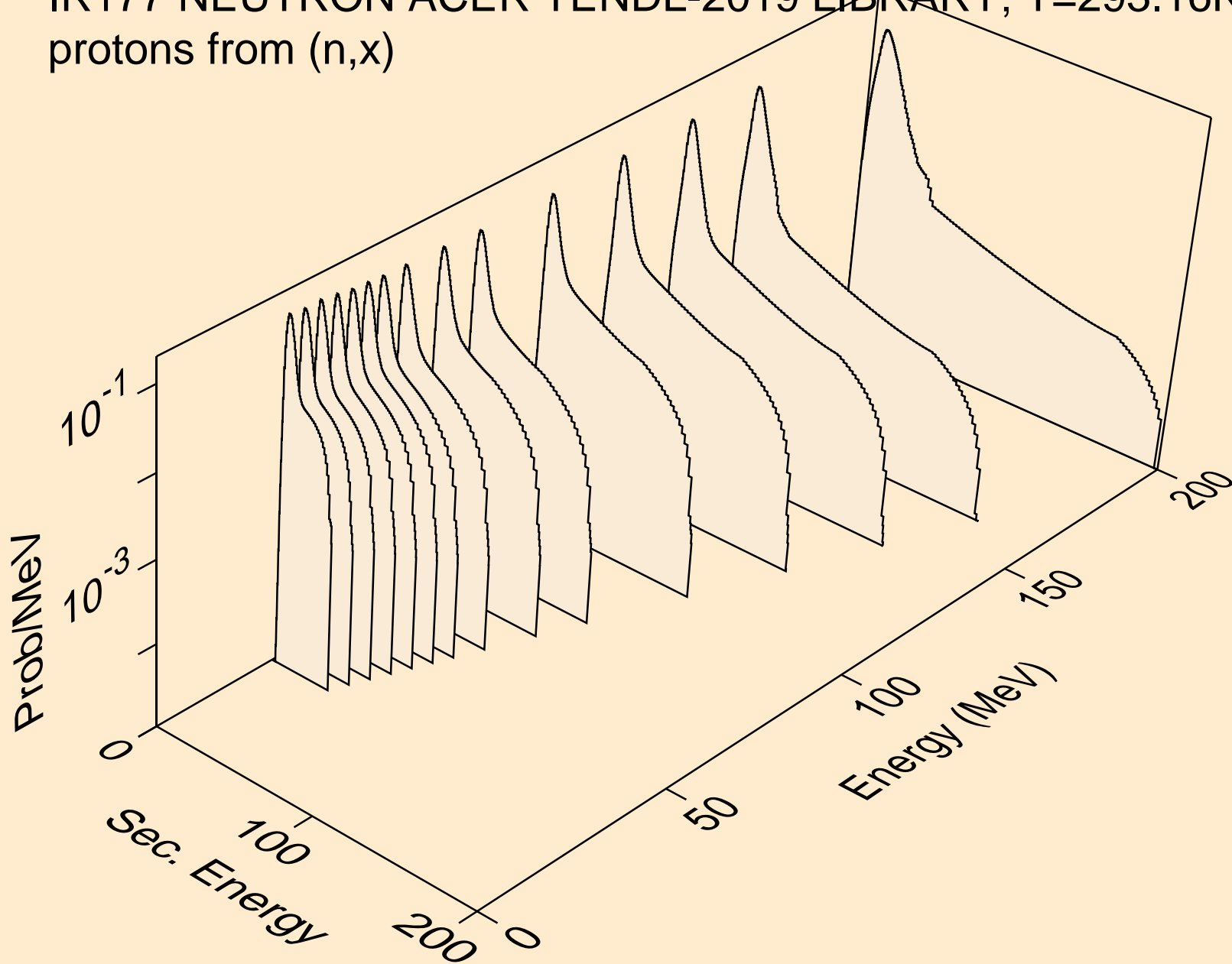
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



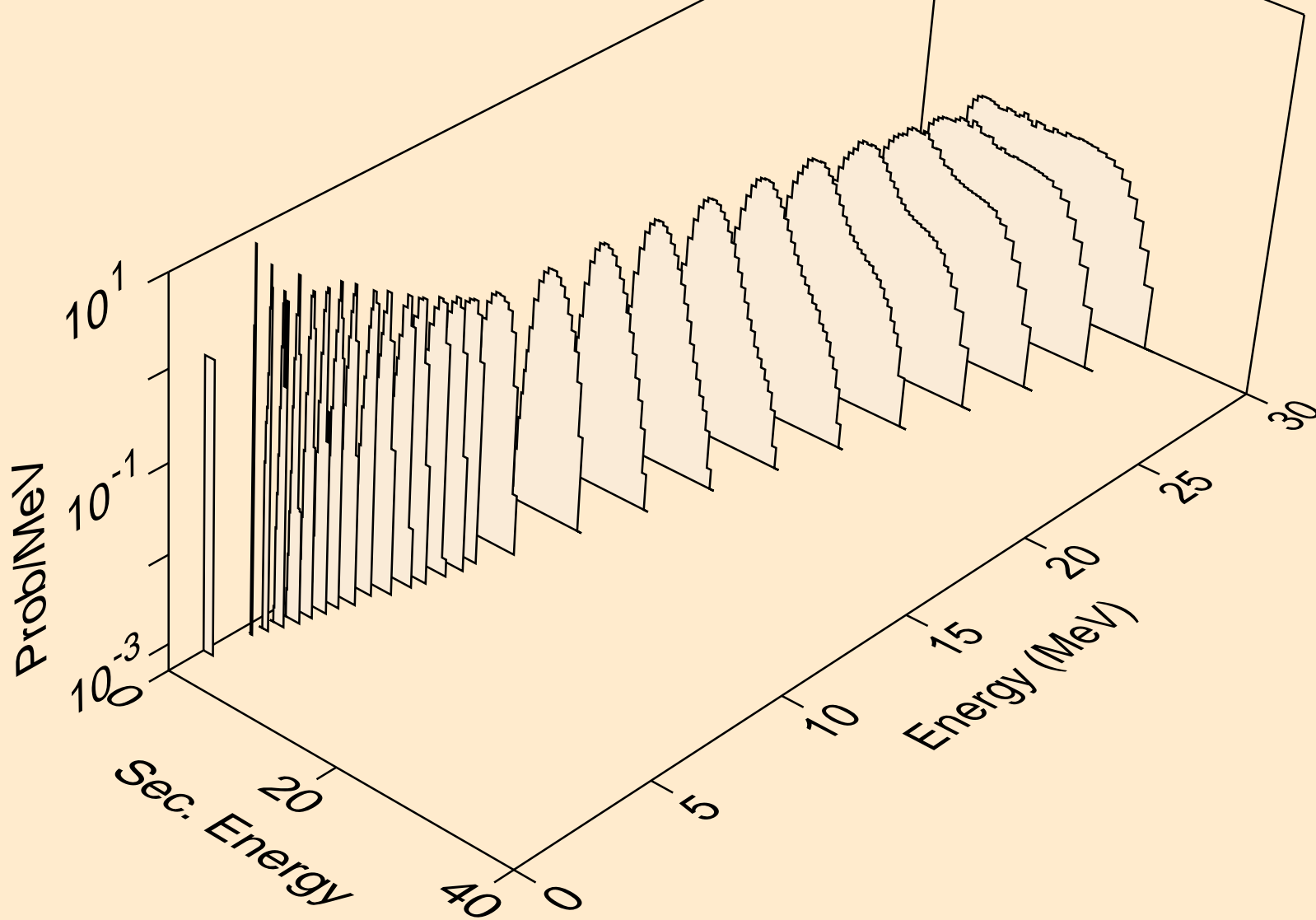
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



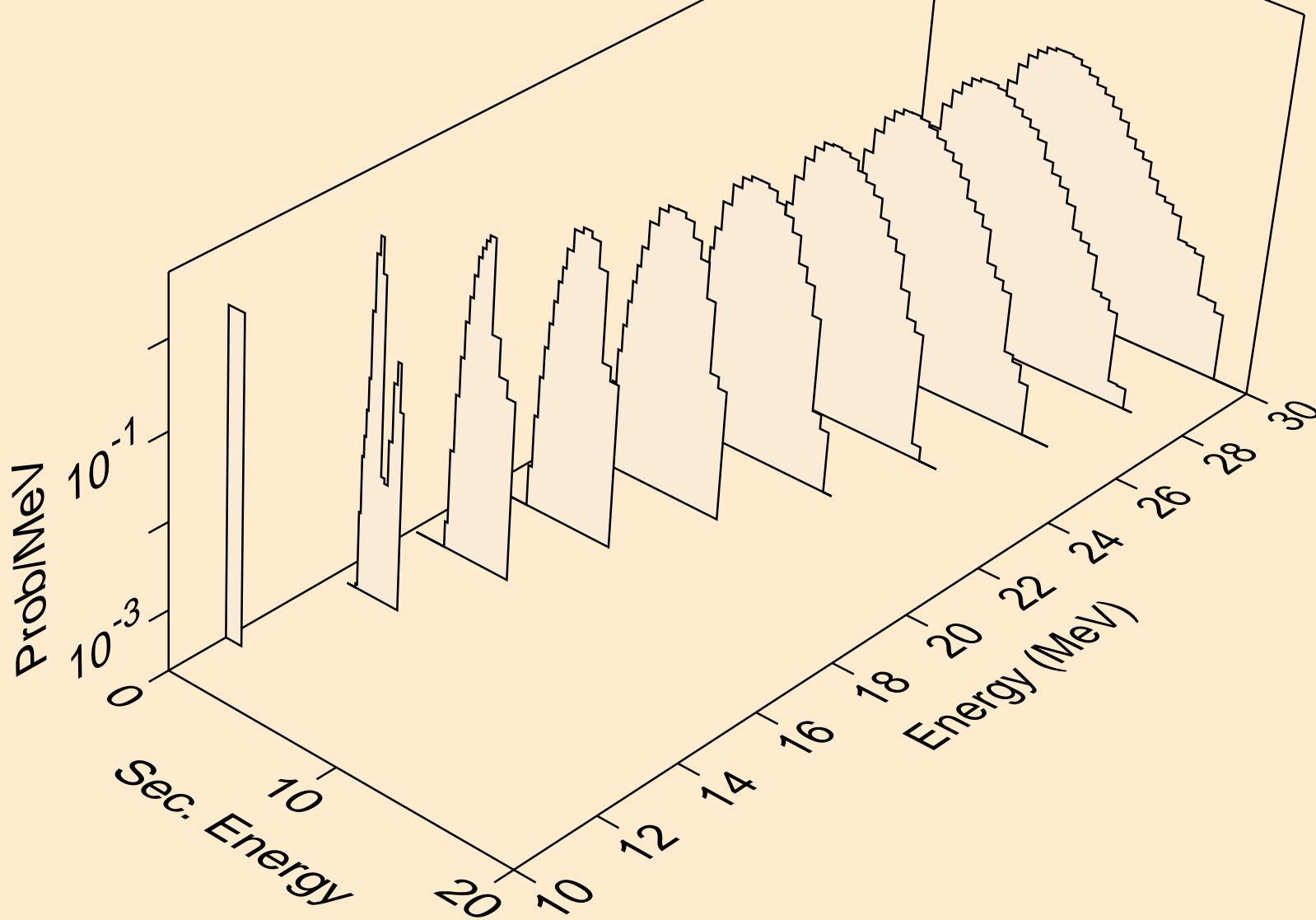
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p

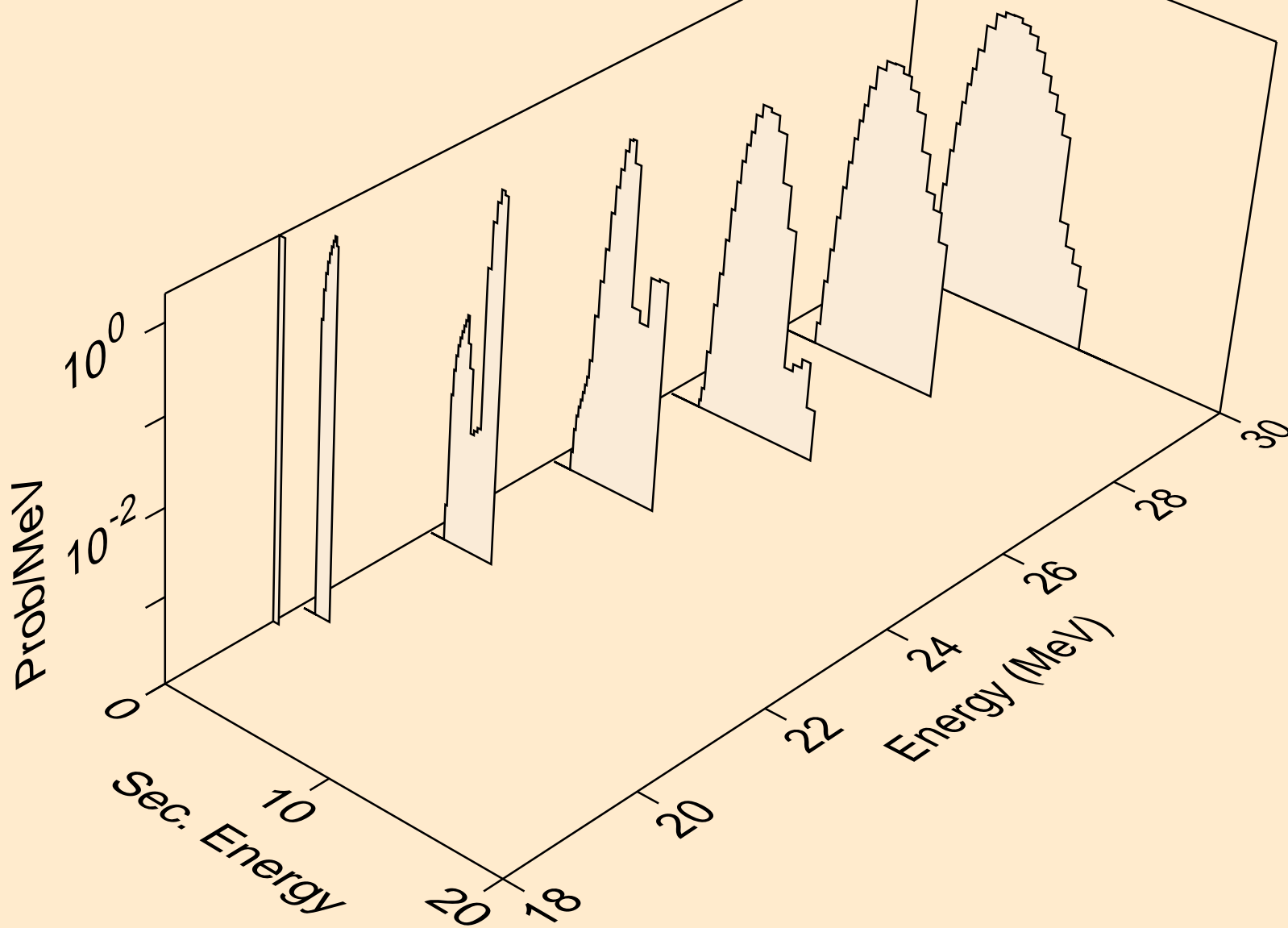


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

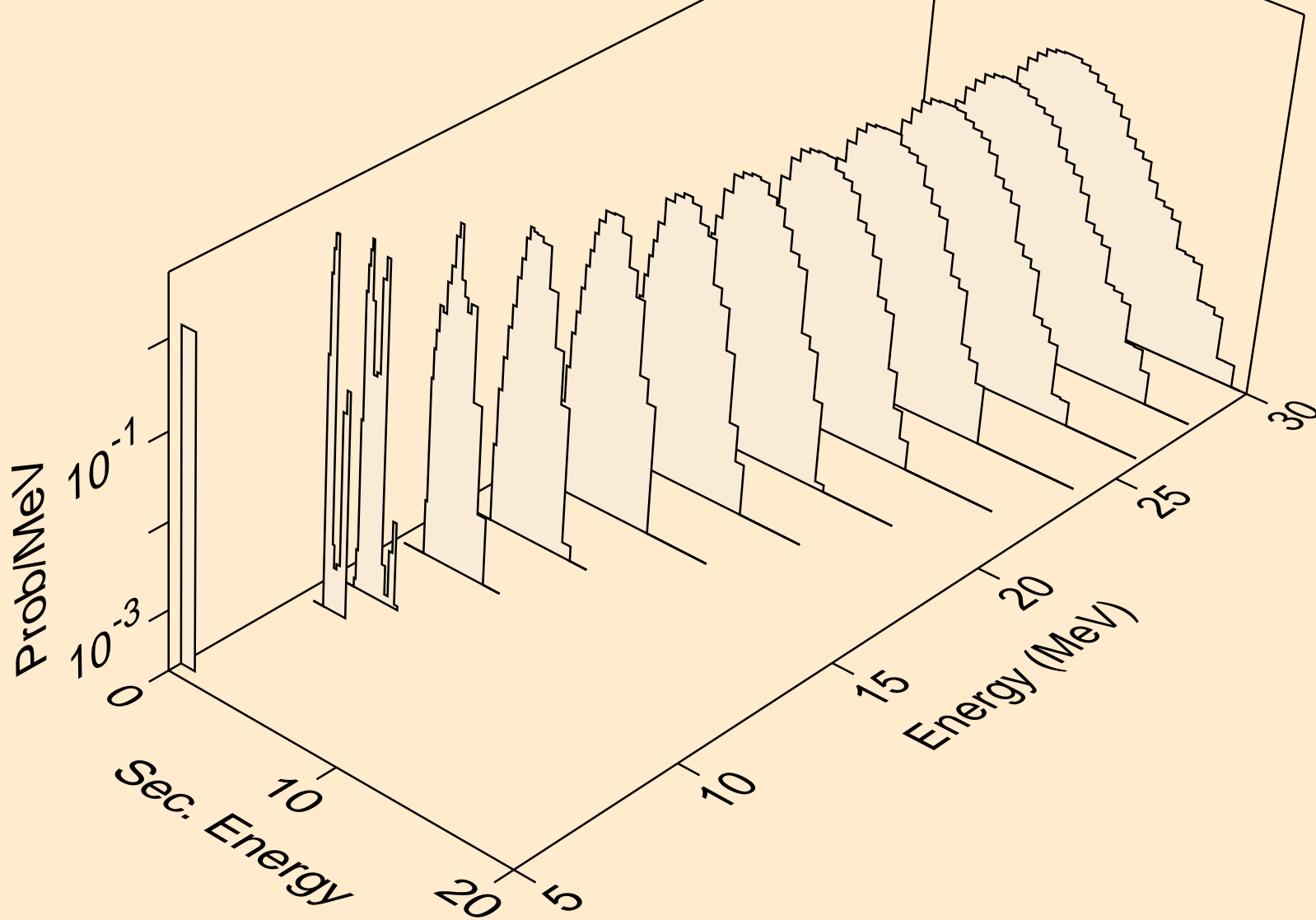




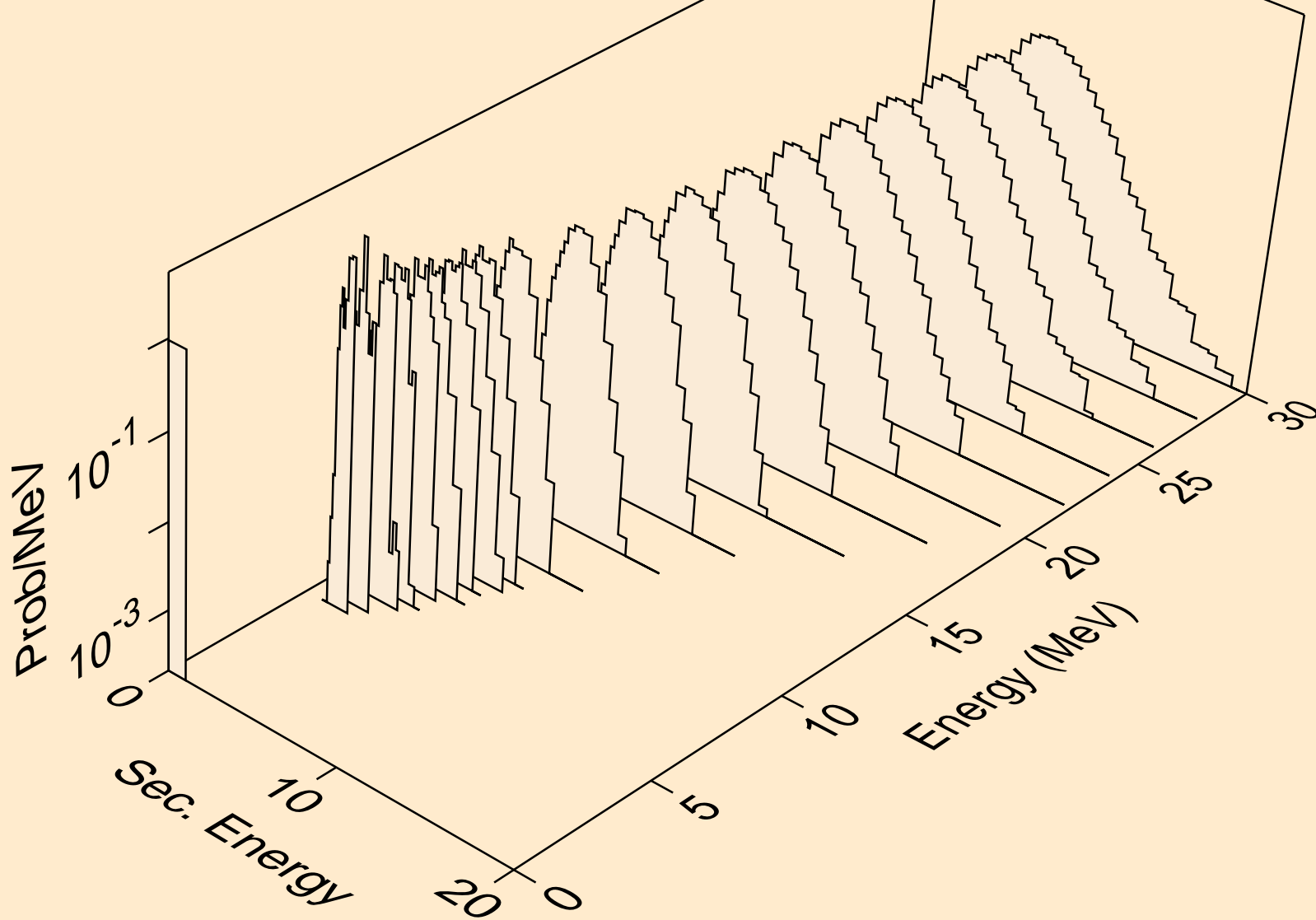
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



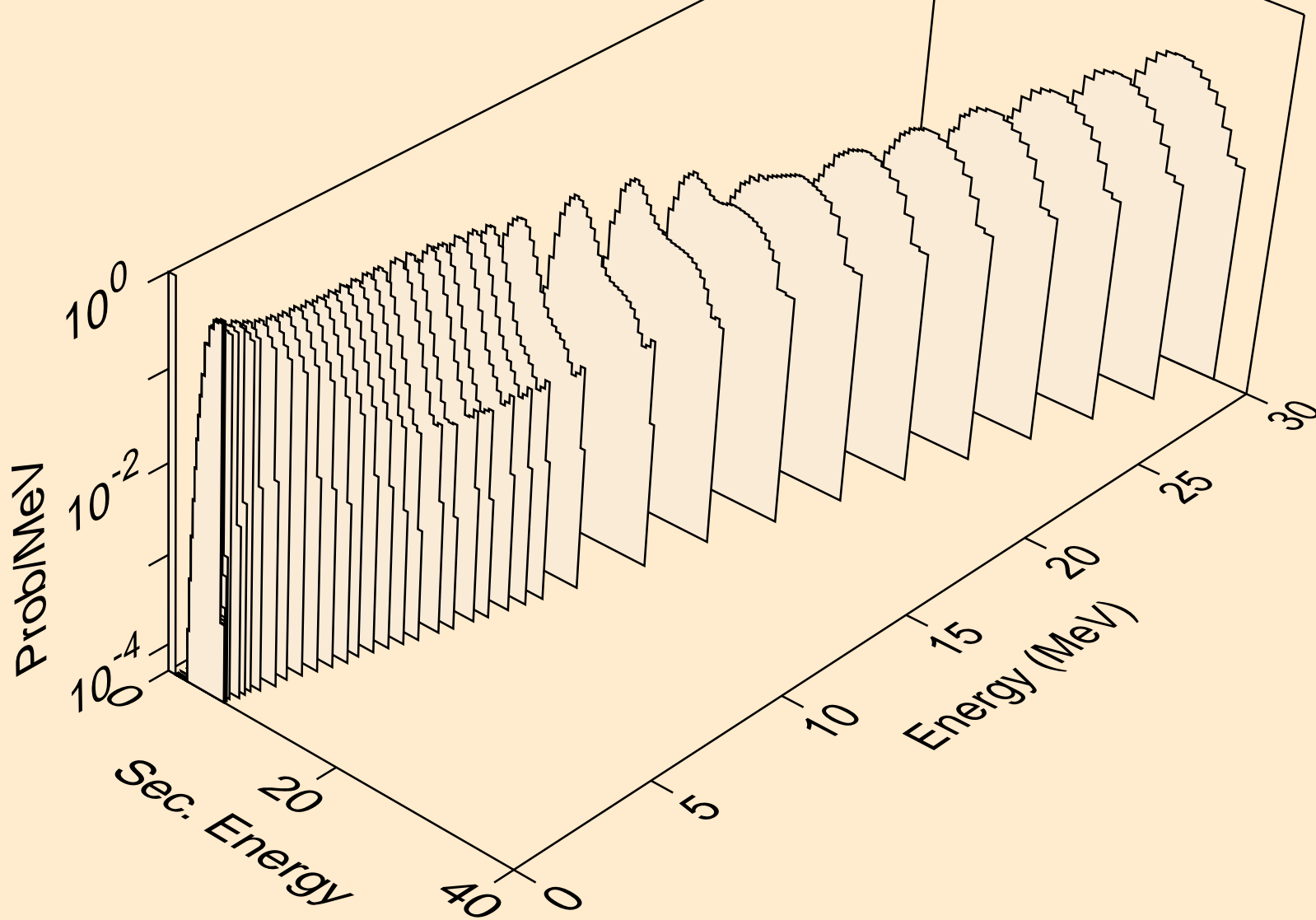
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



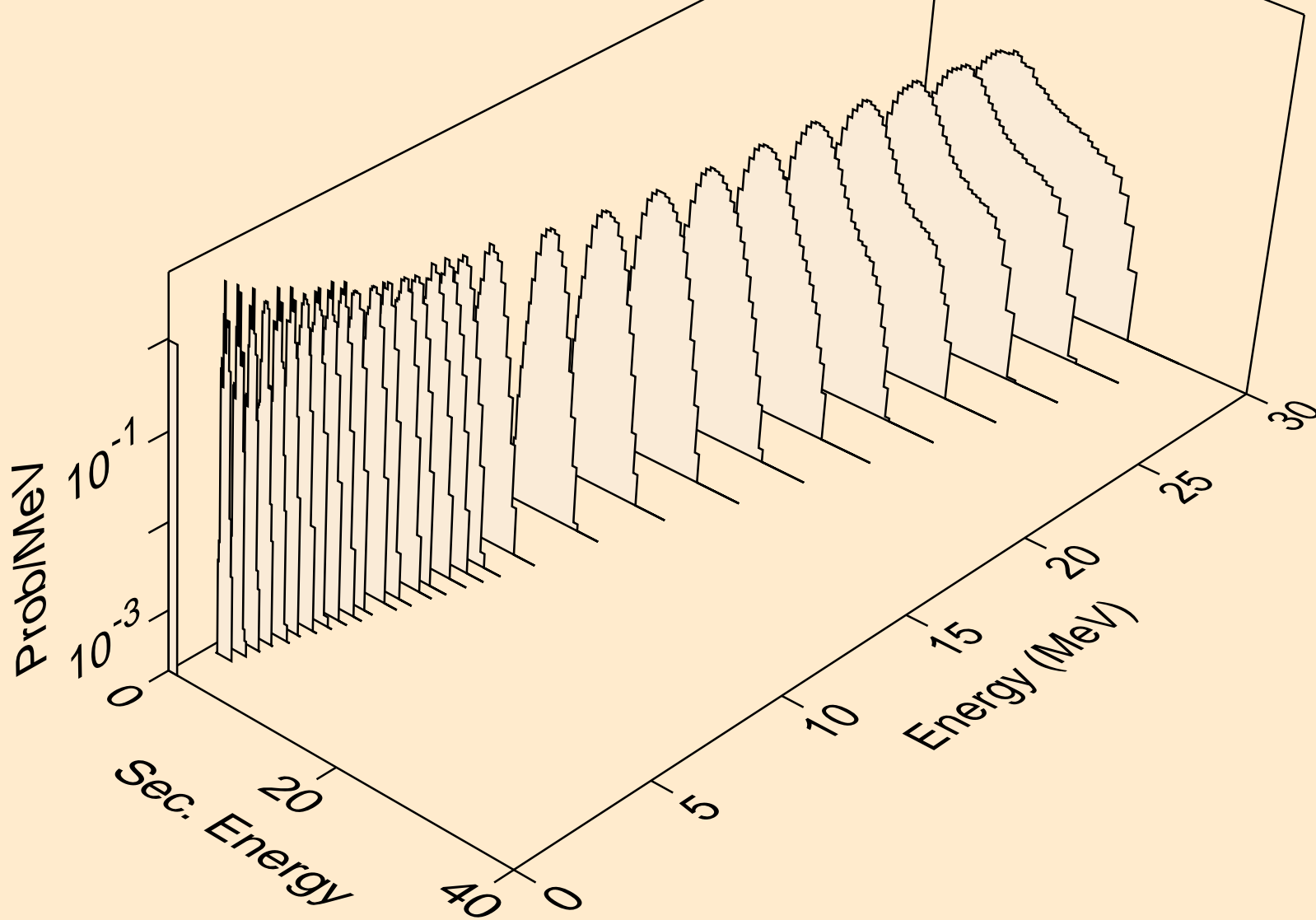
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



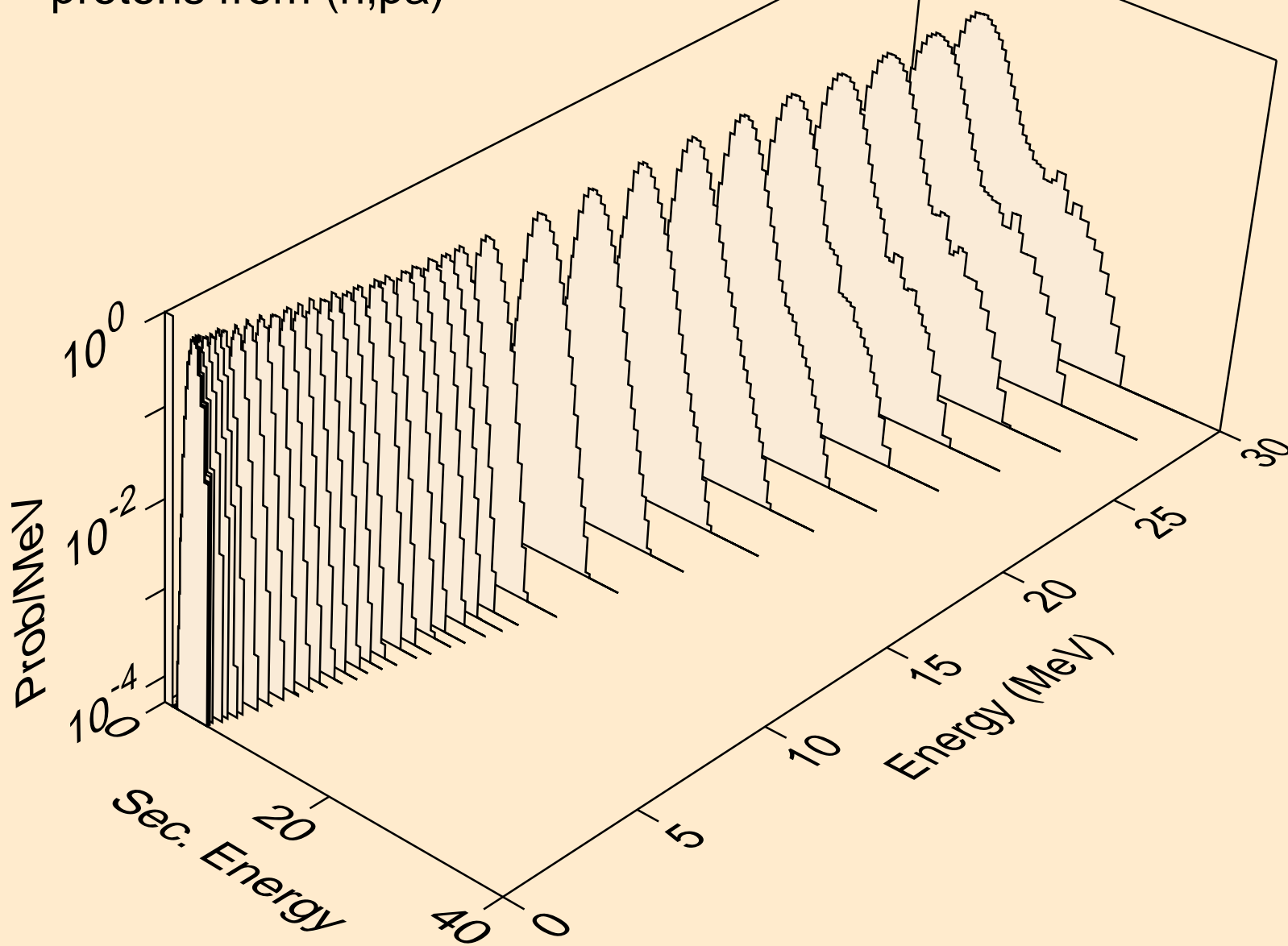
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



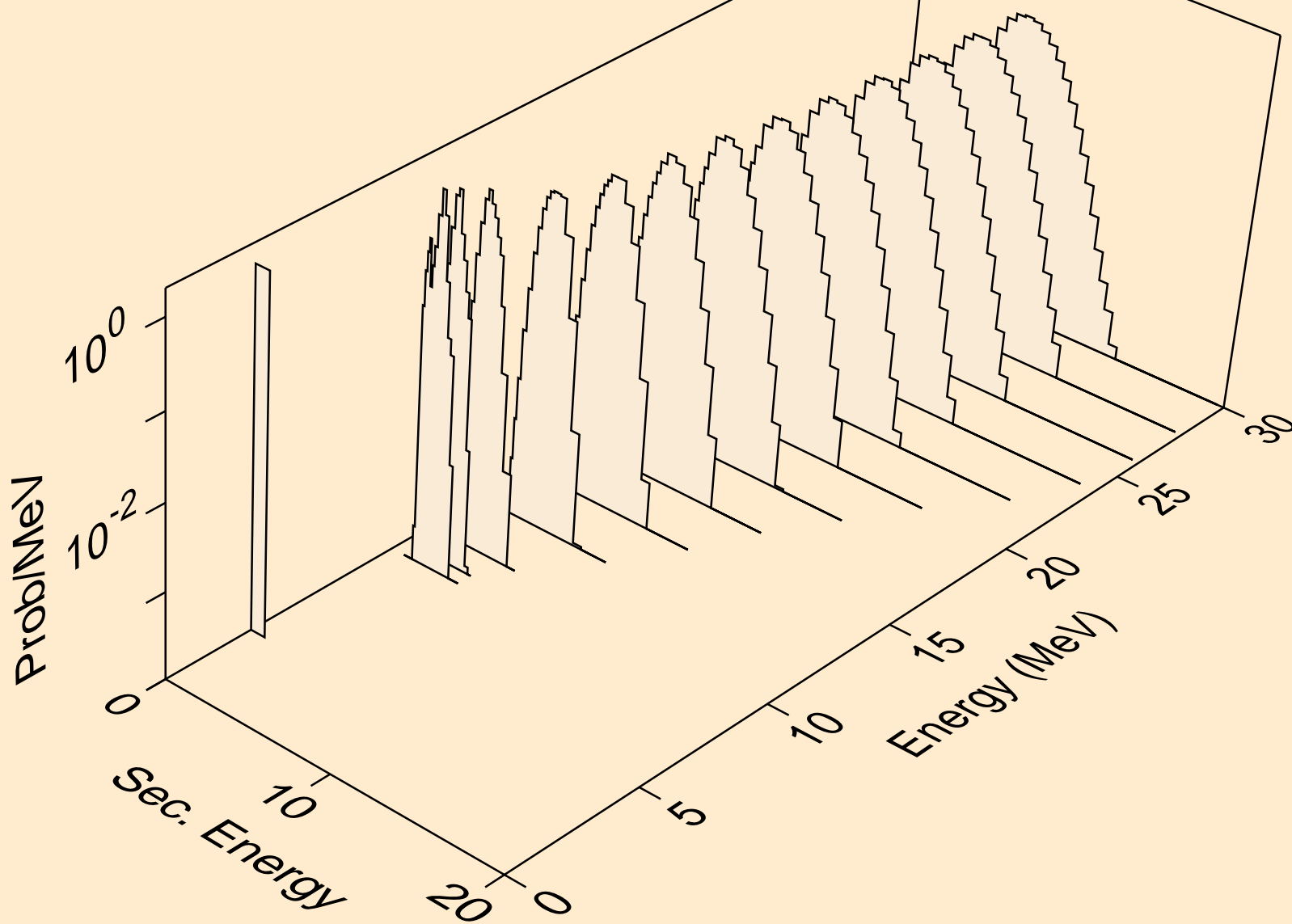
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



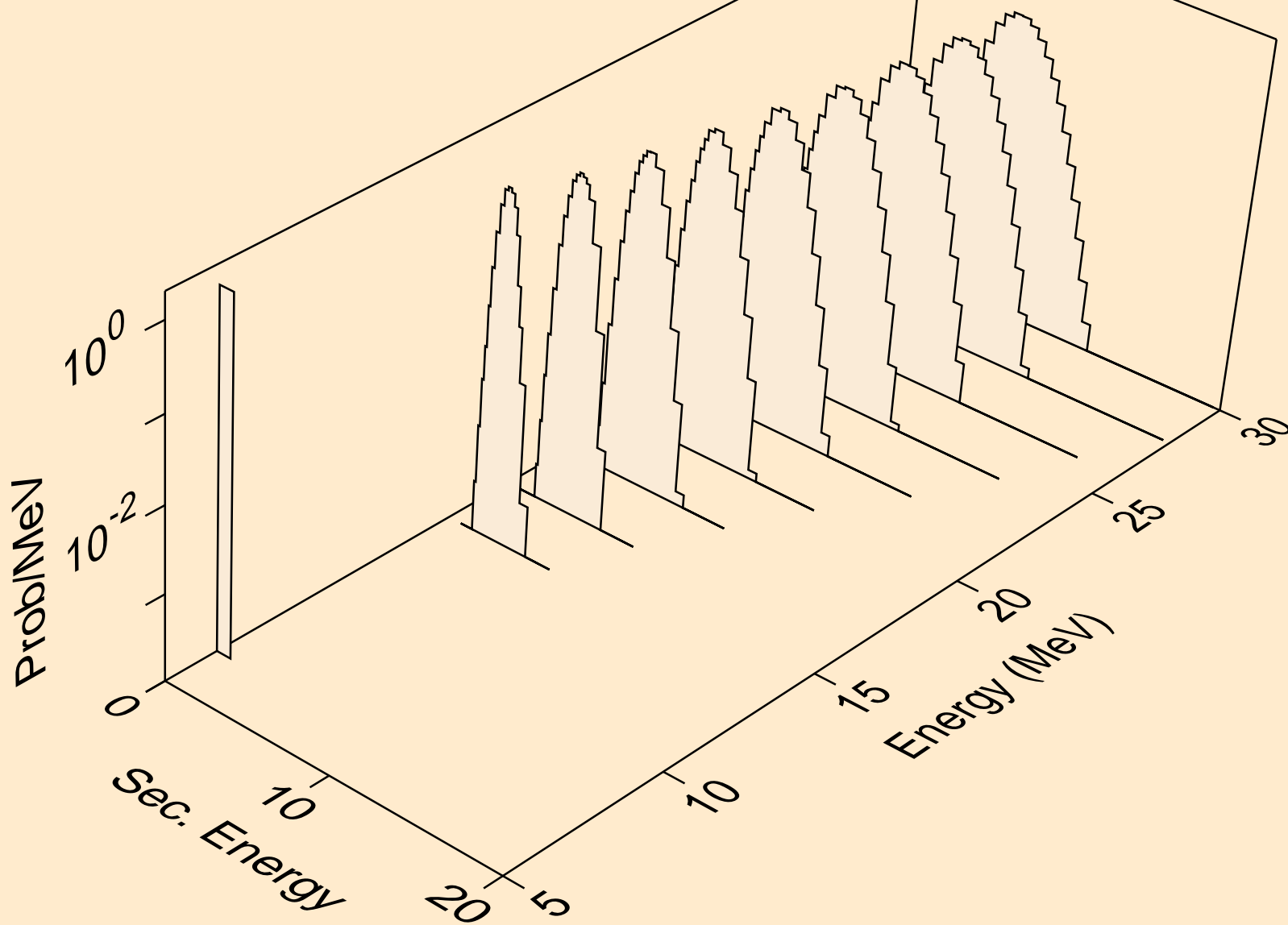
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)

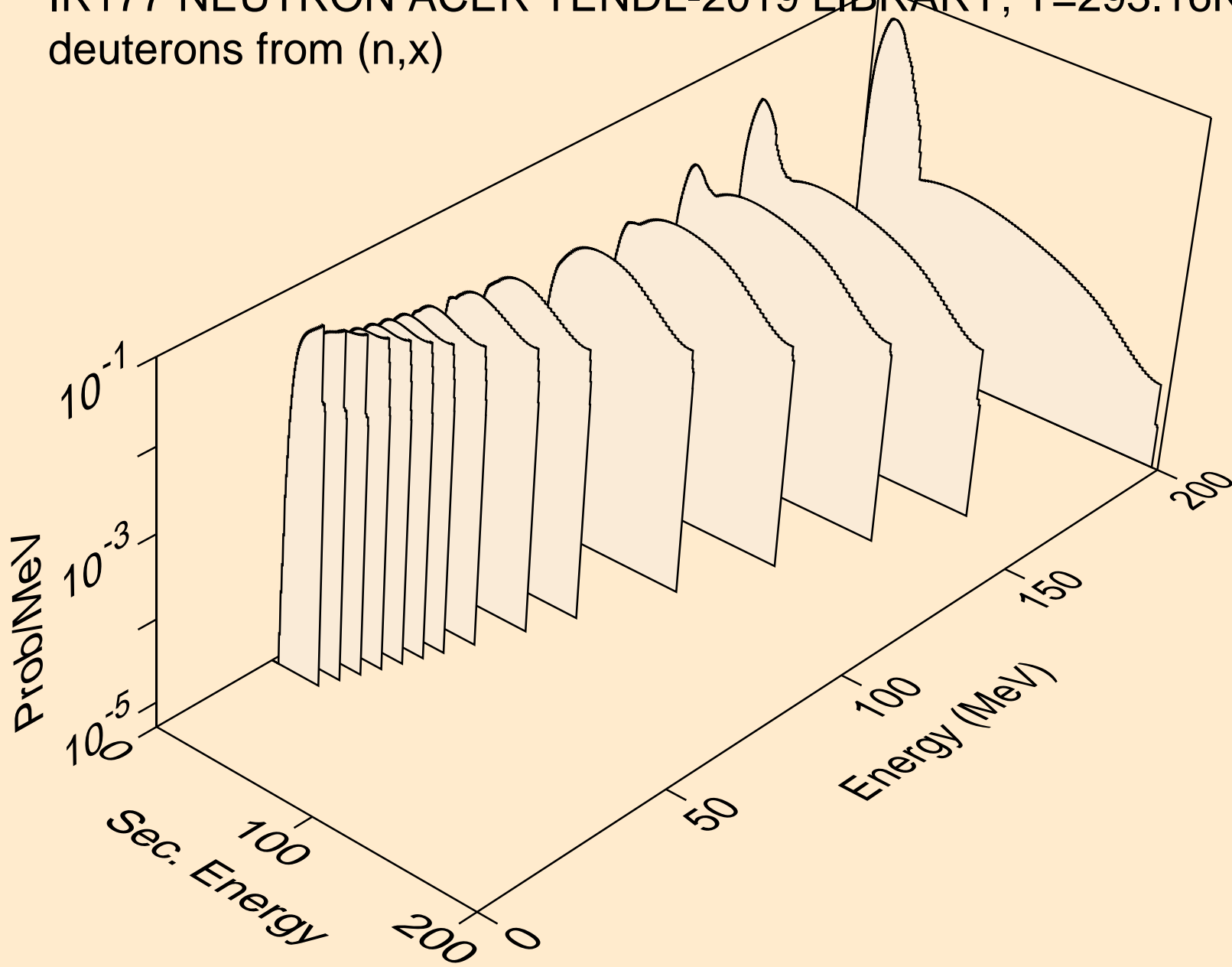


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)

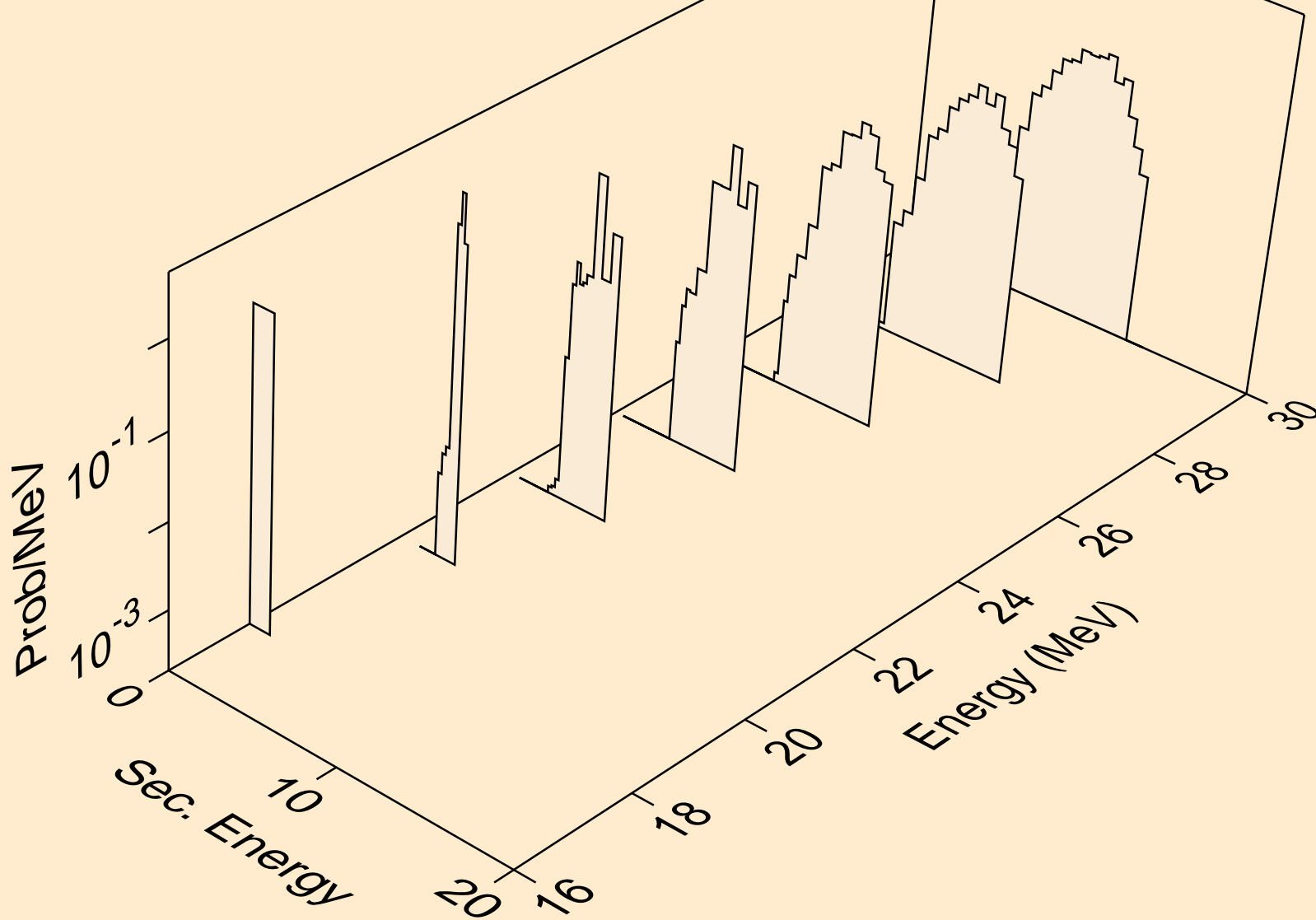




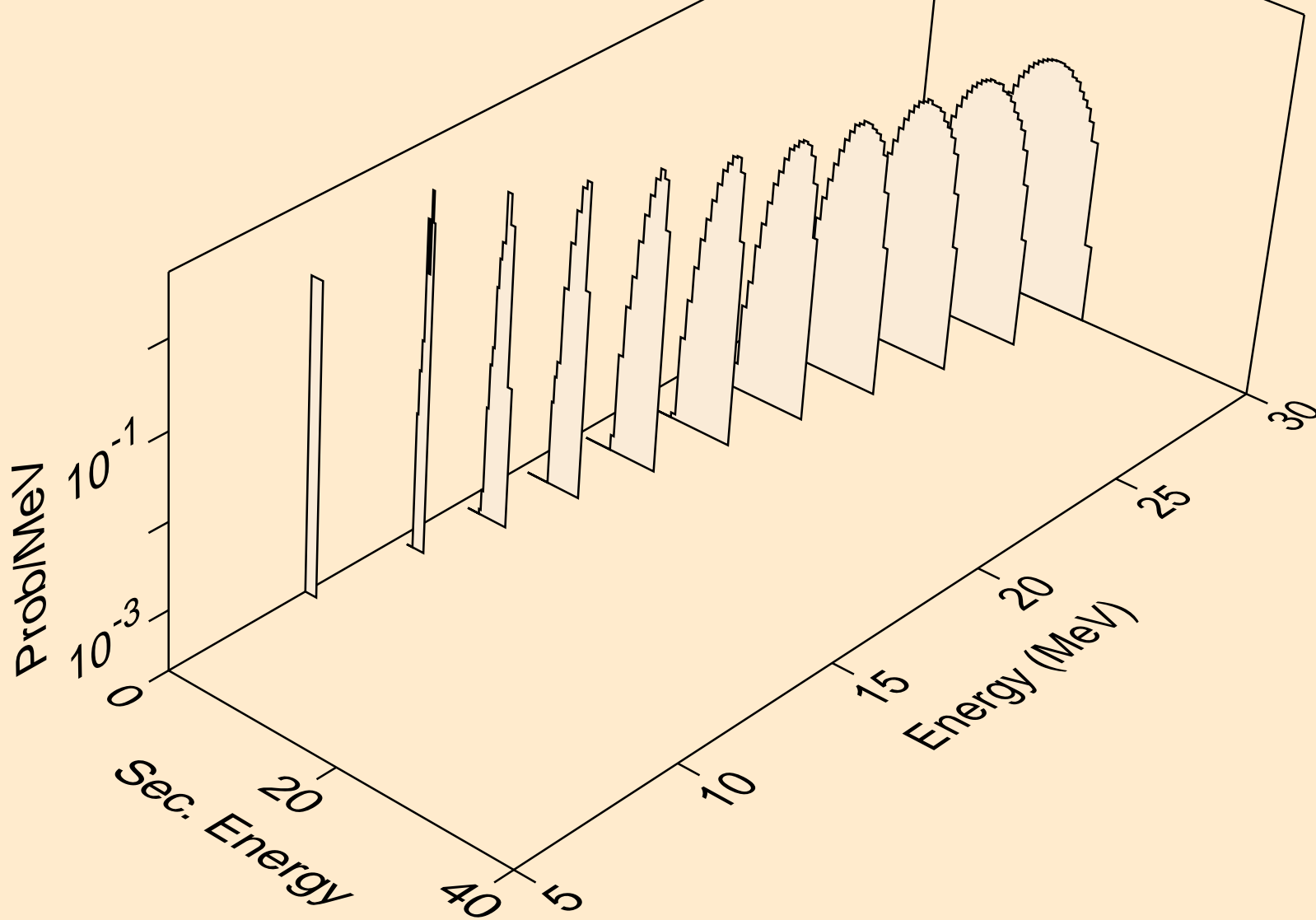
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)



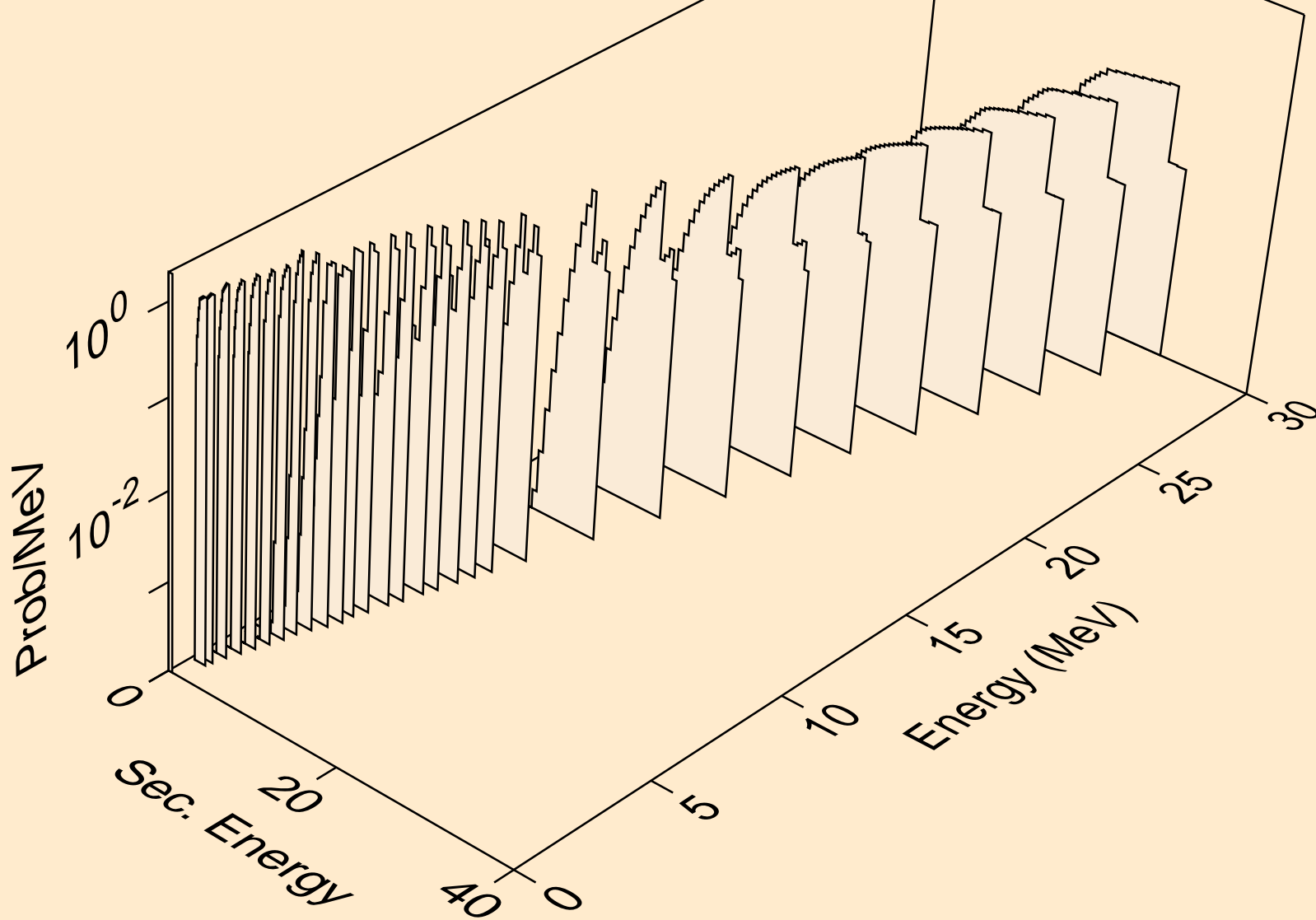
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



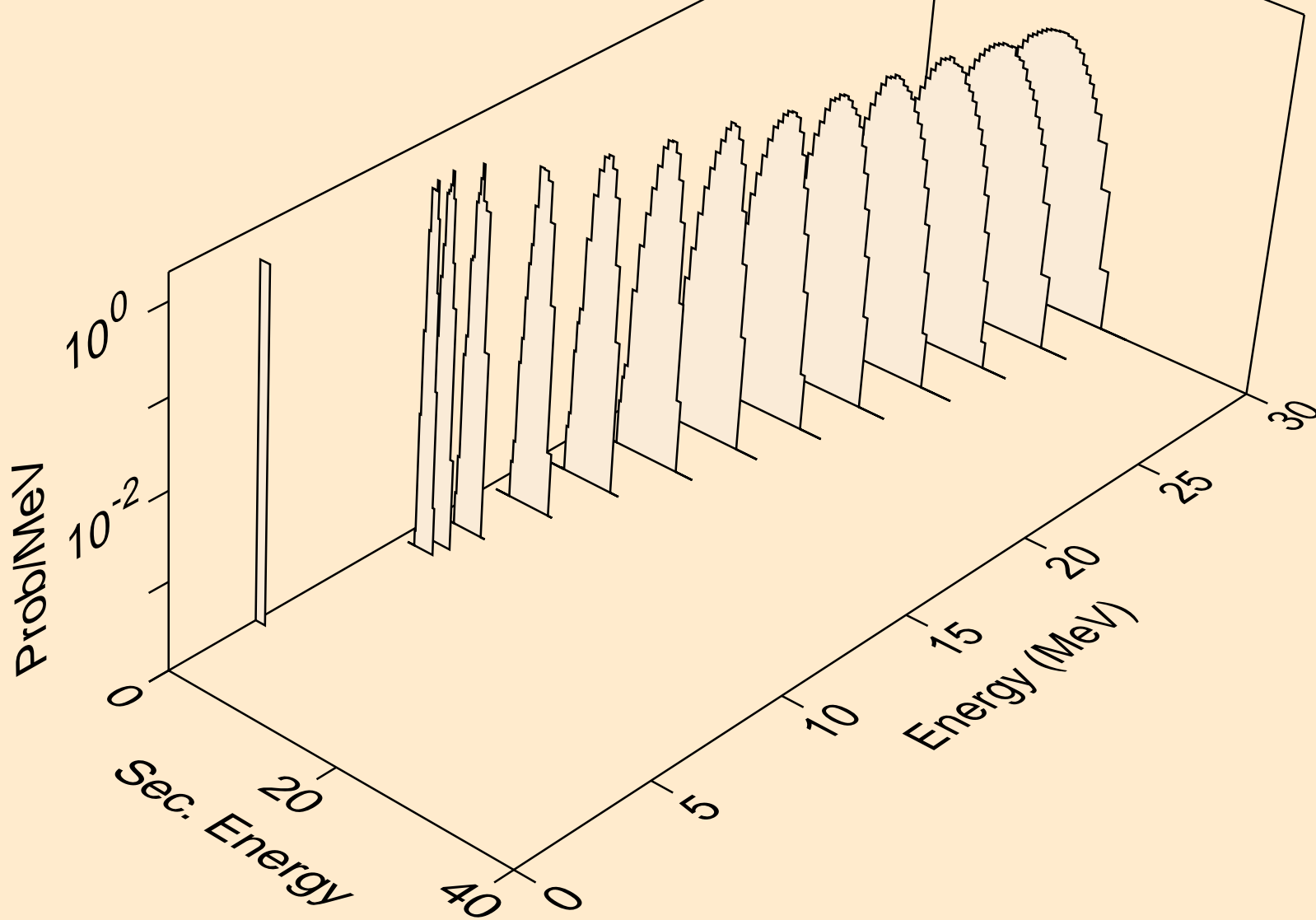
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



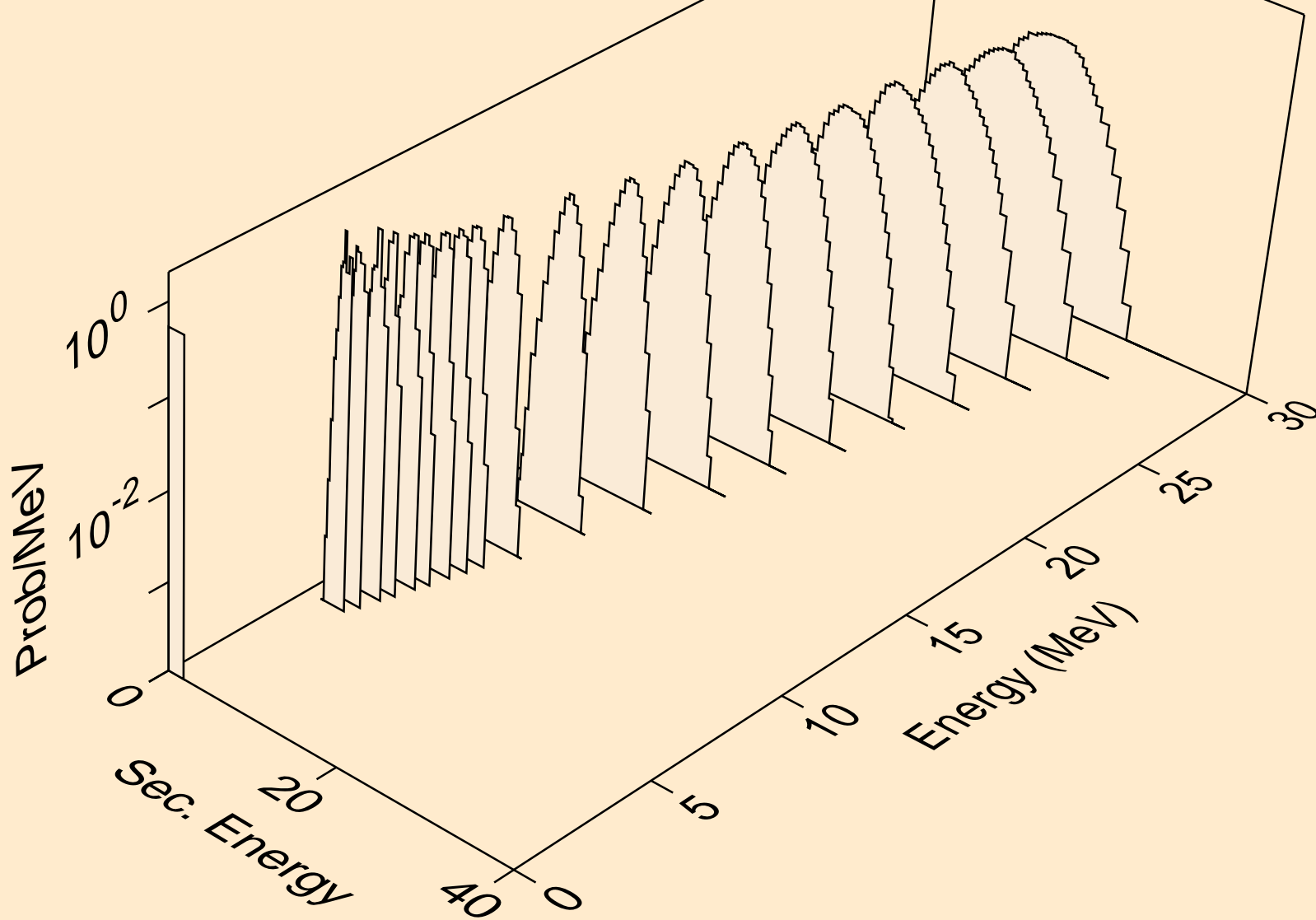
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



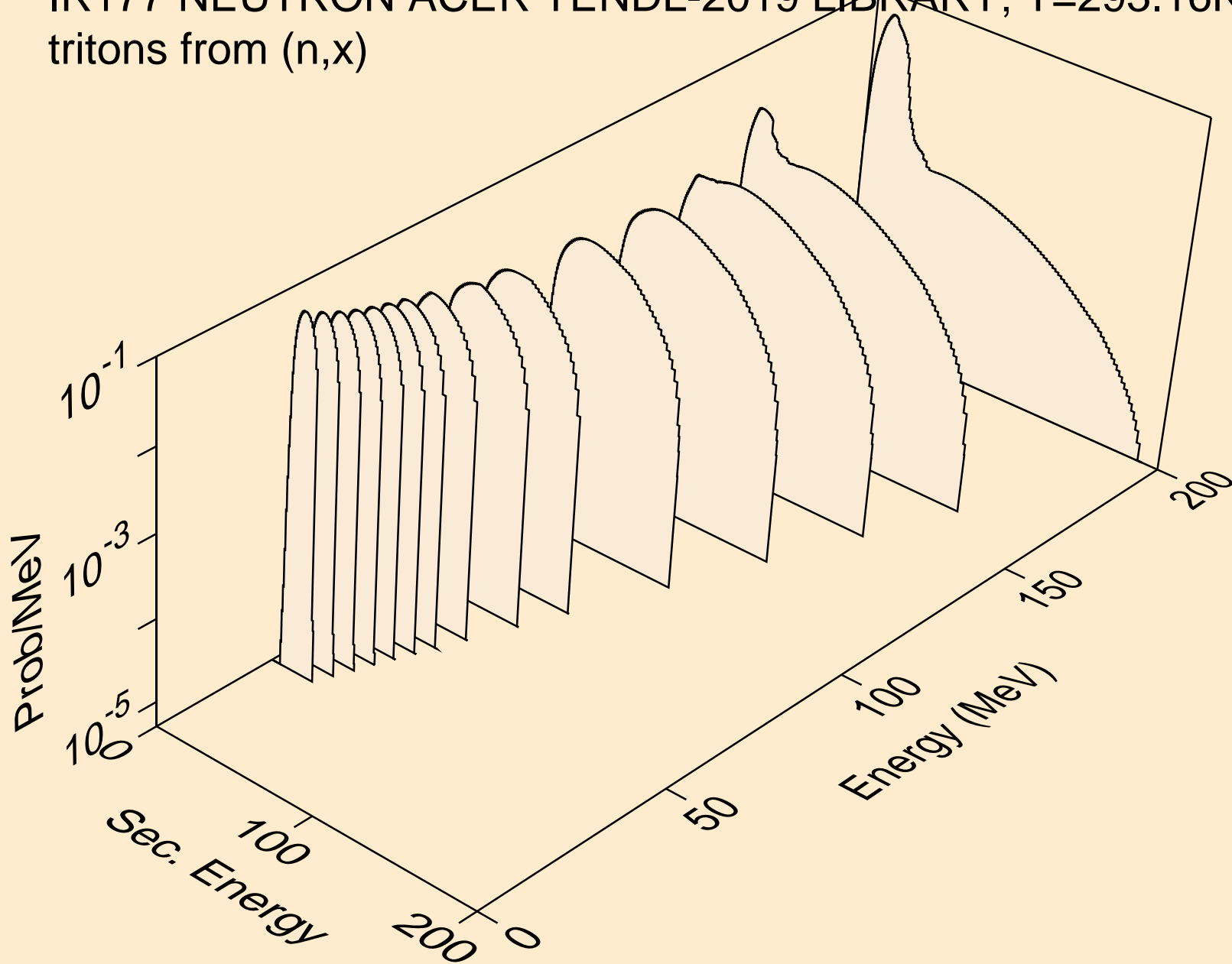
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



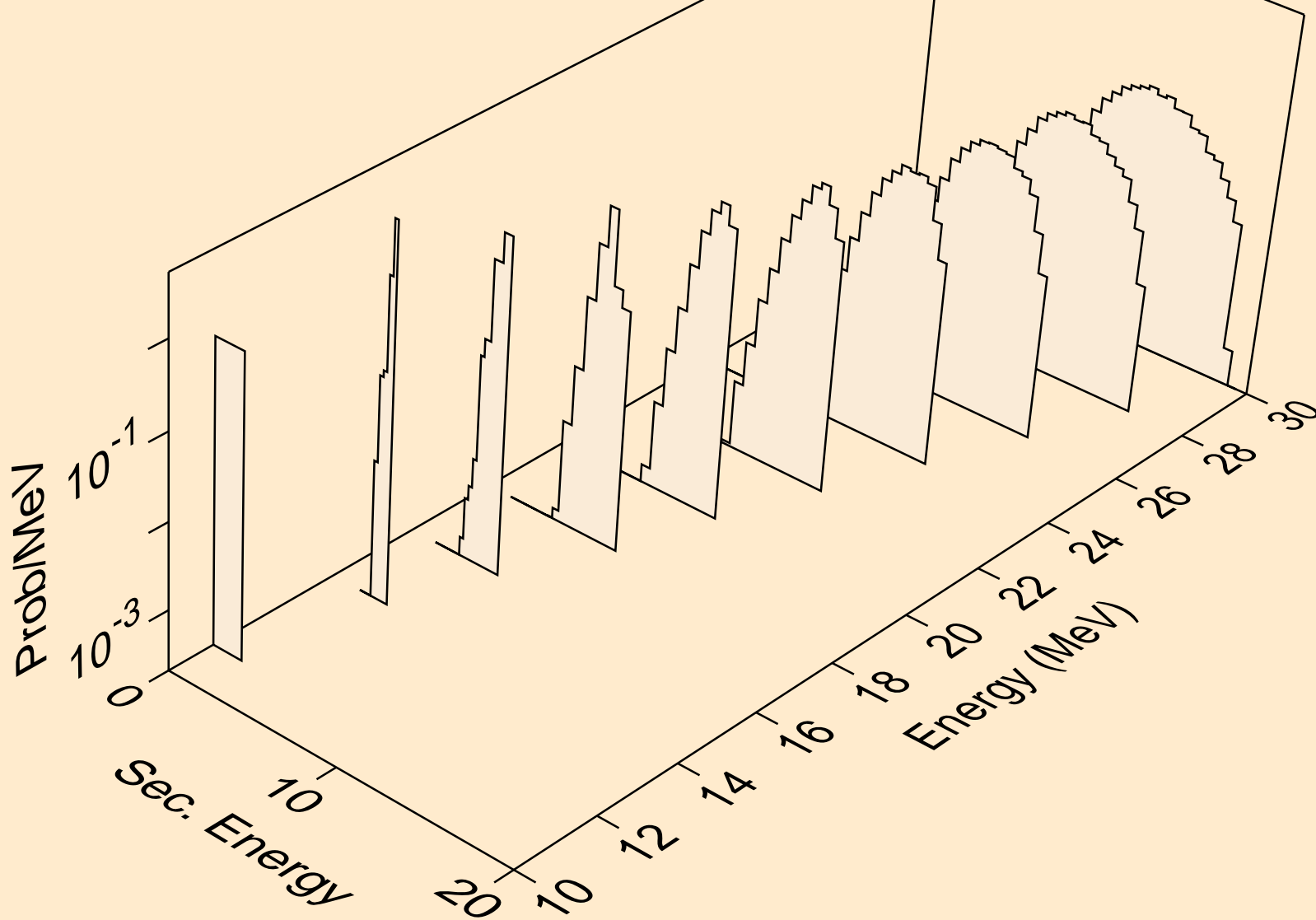
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)

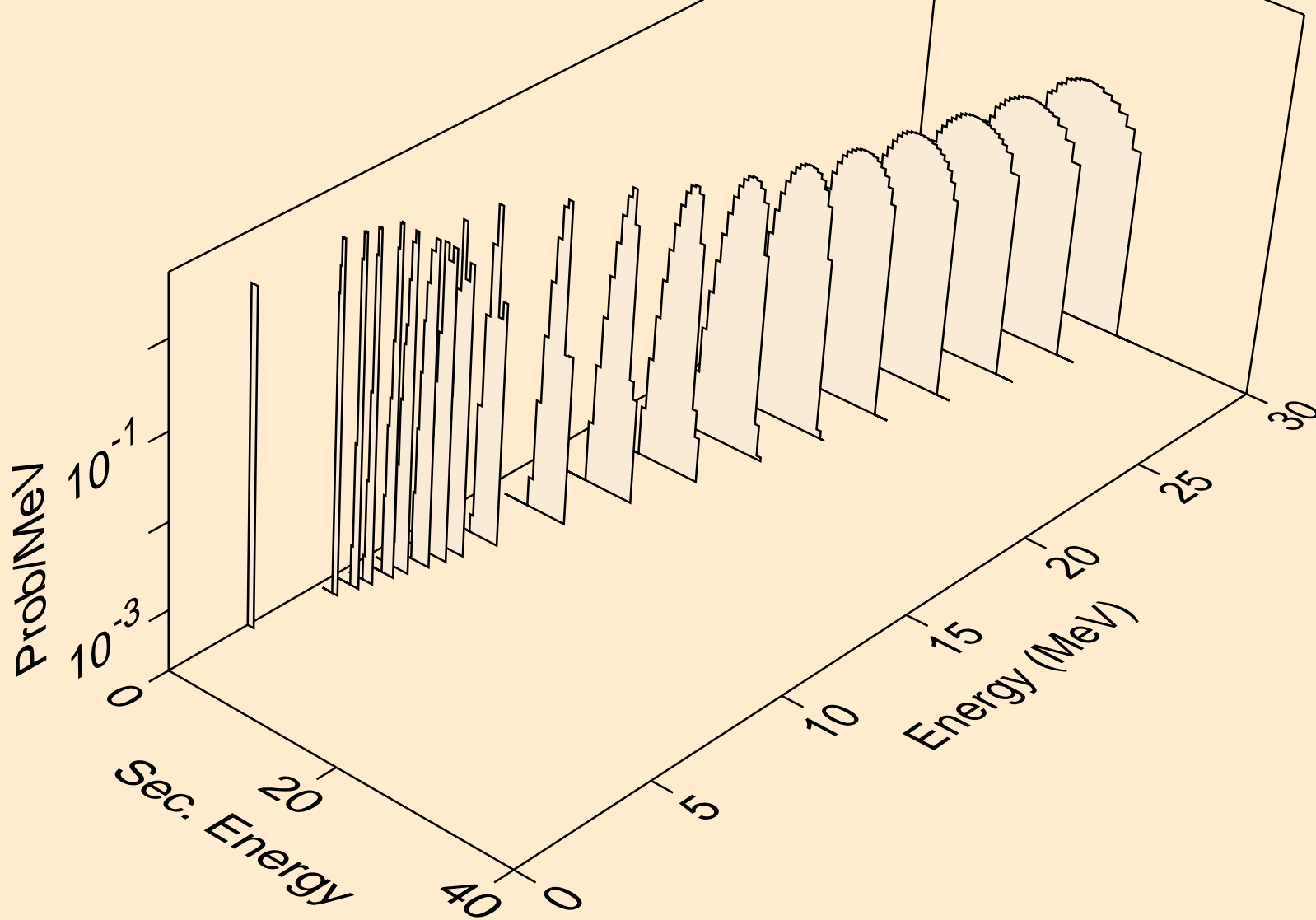


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

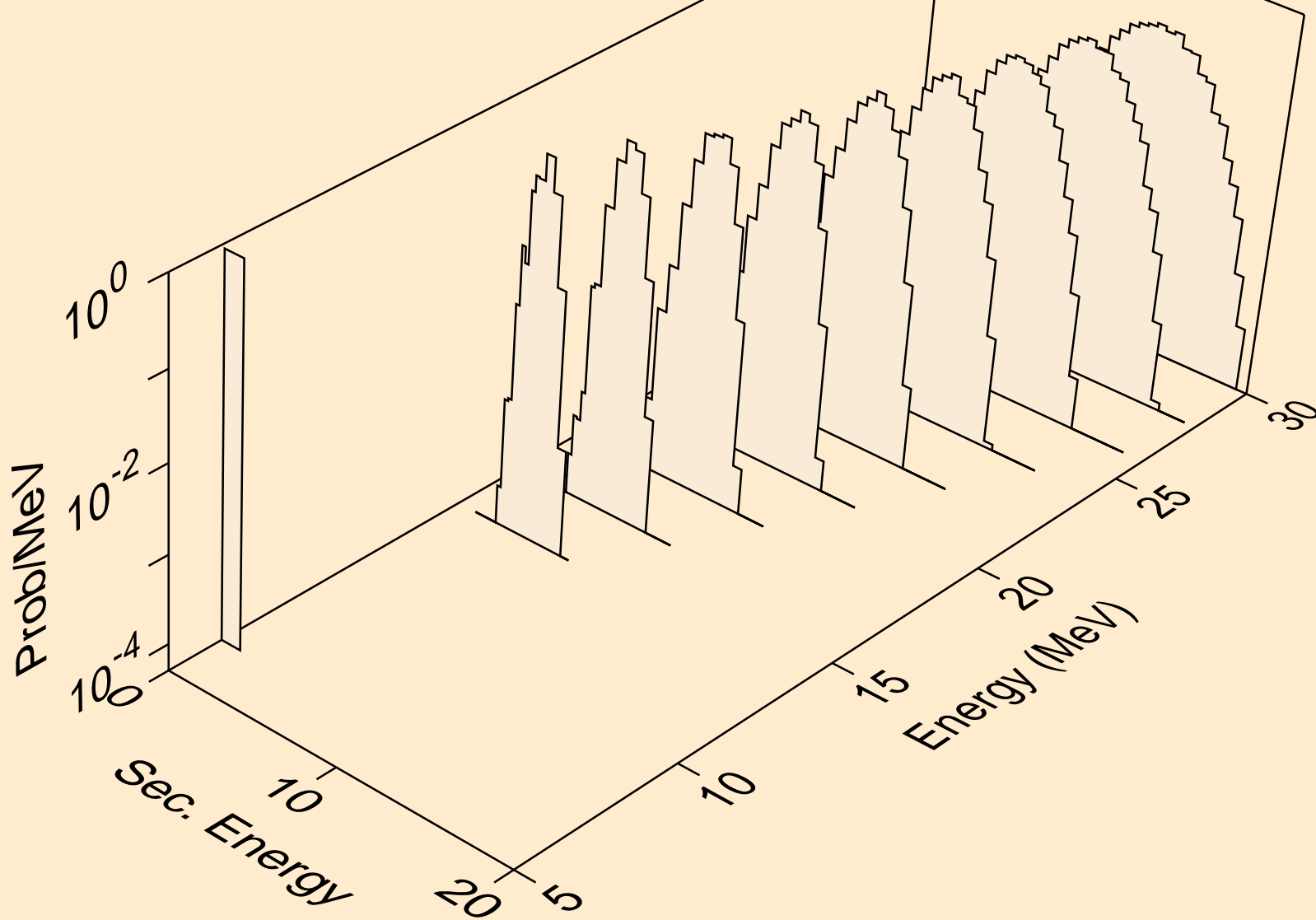




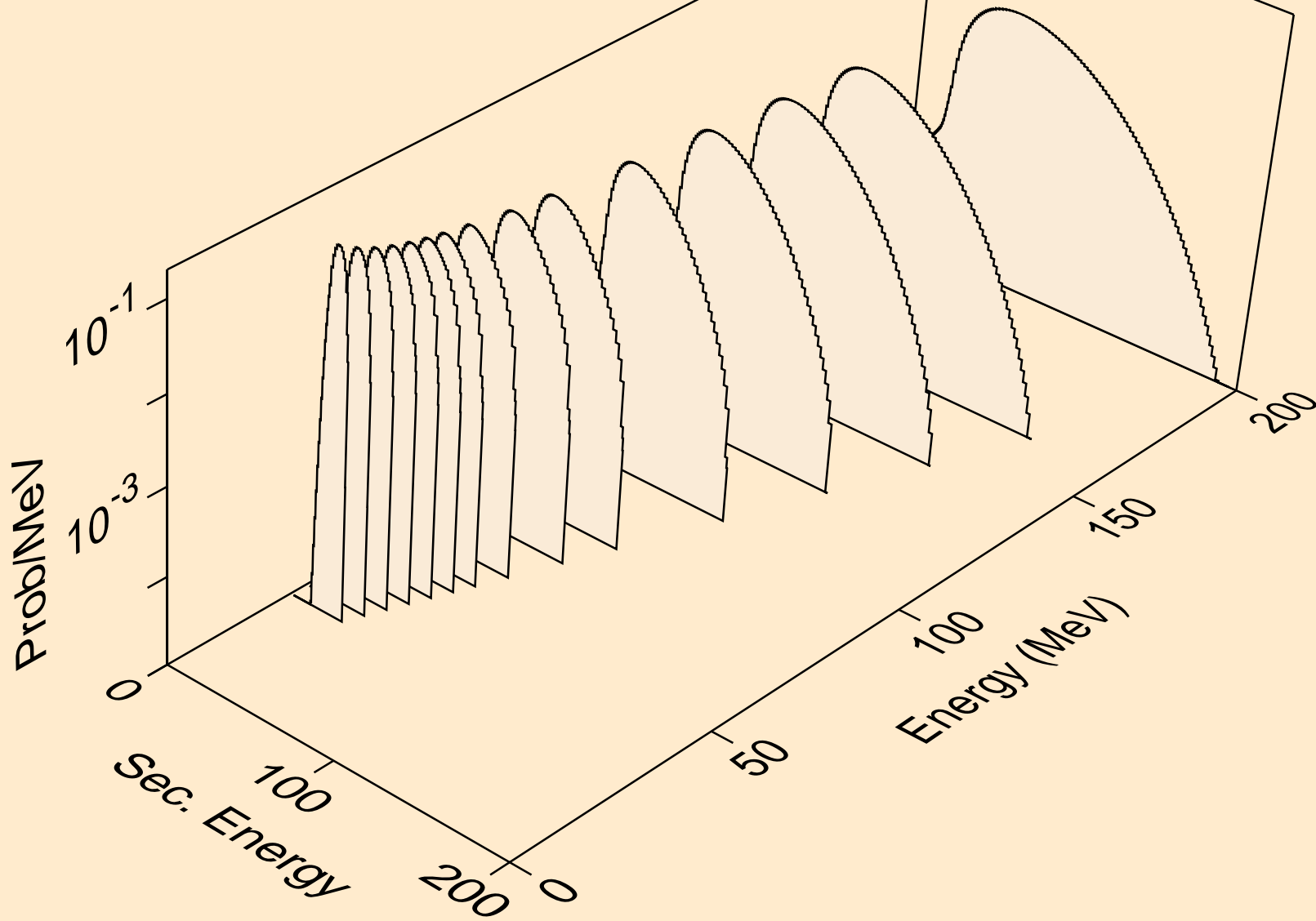
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



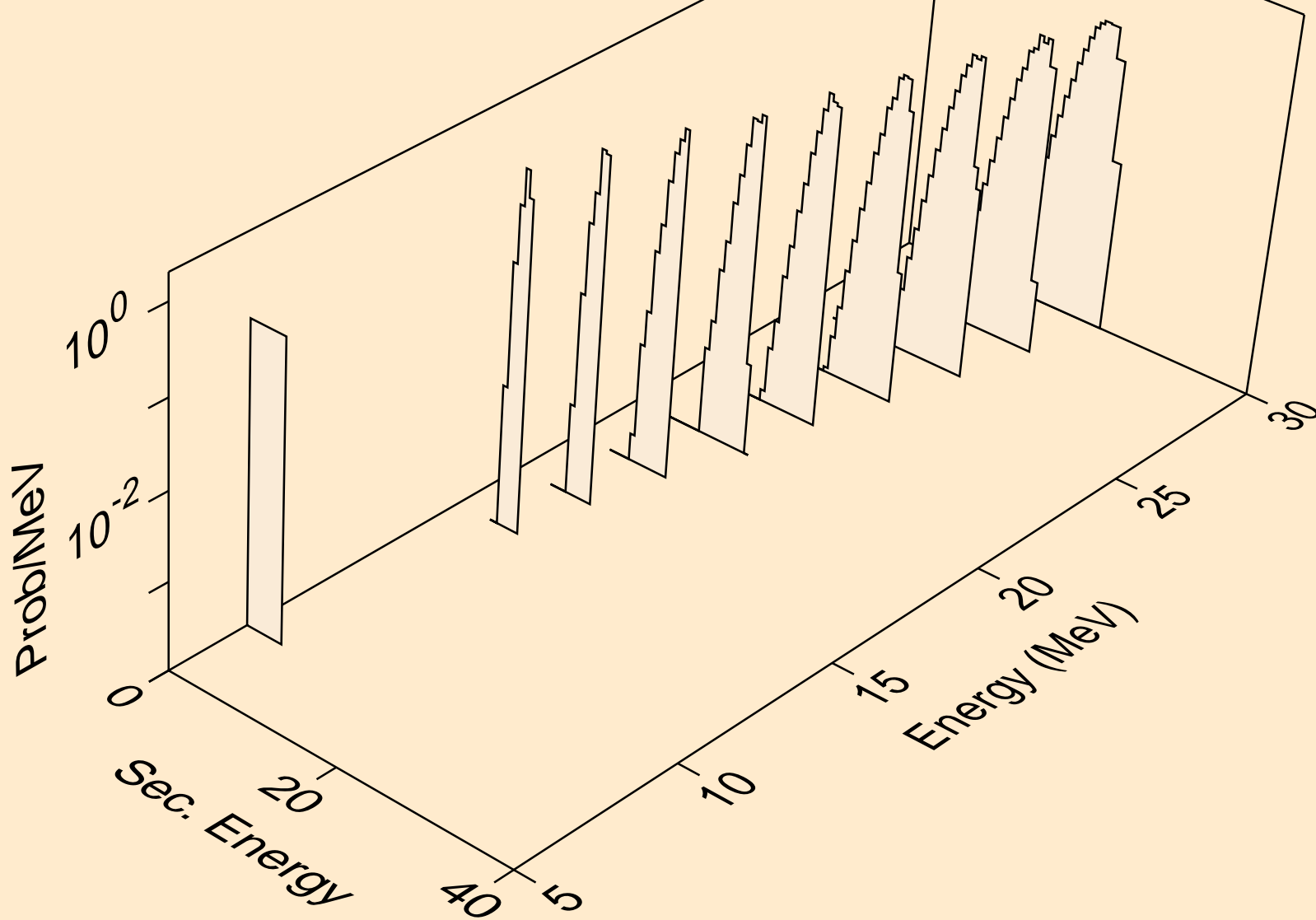
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



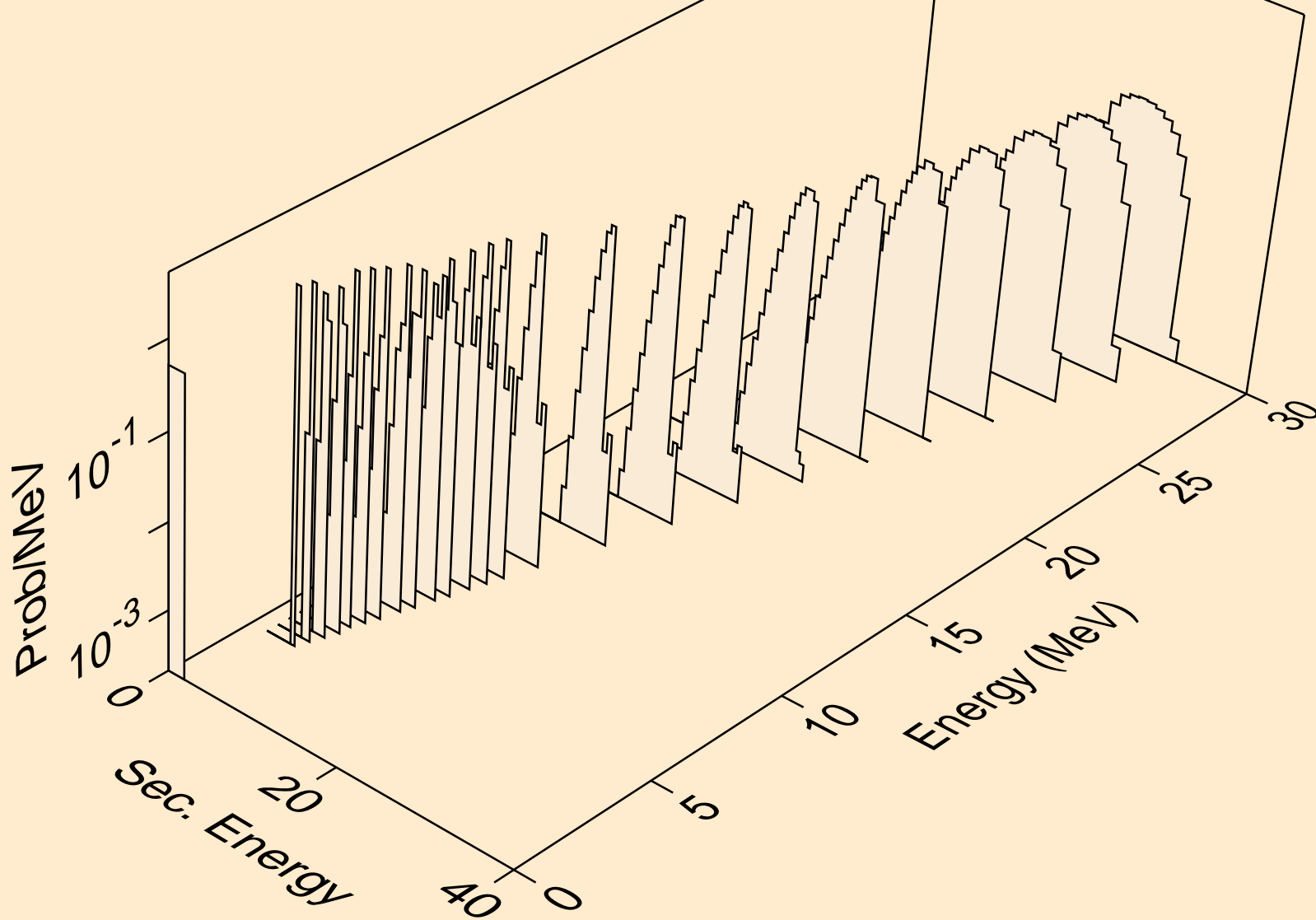
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



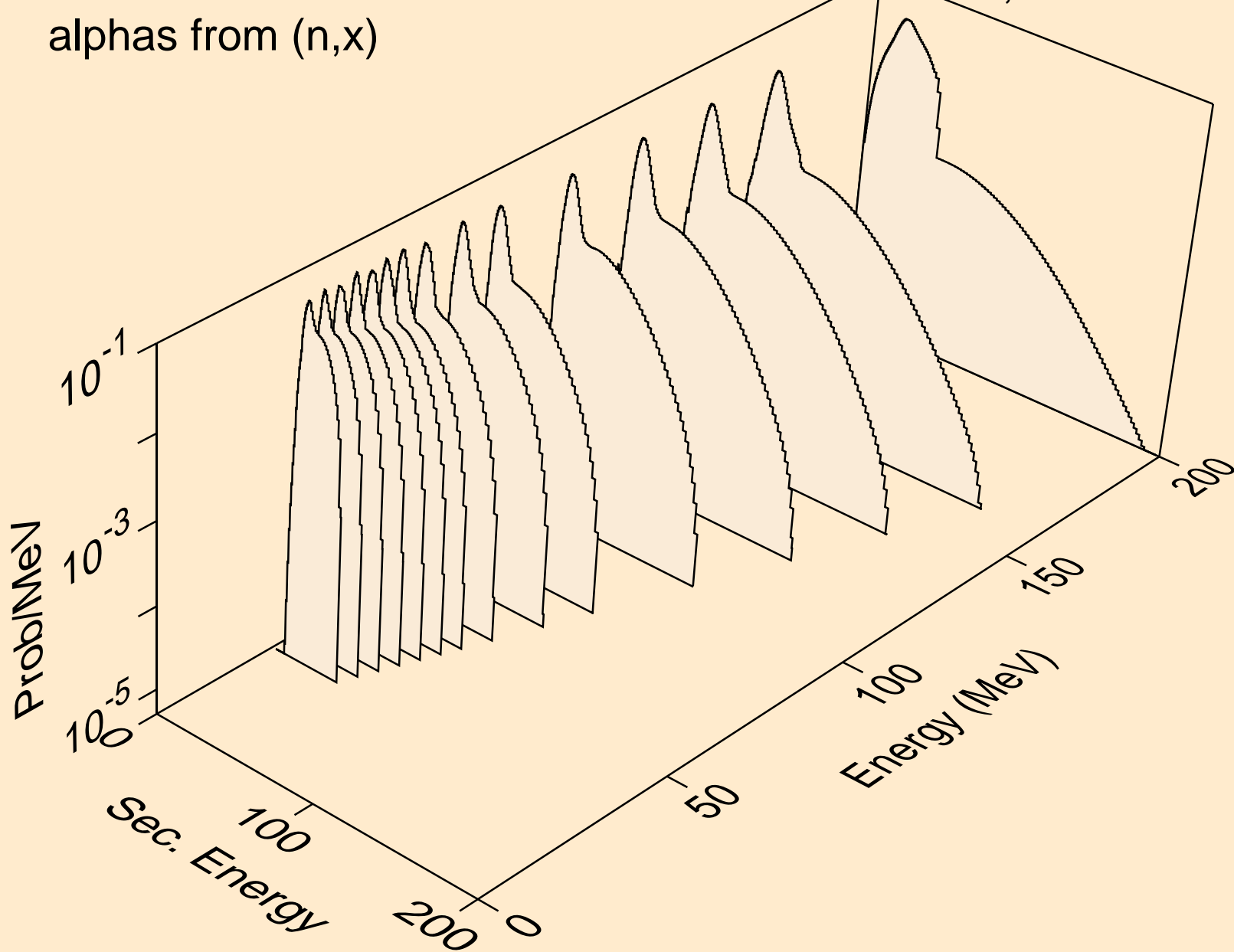
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



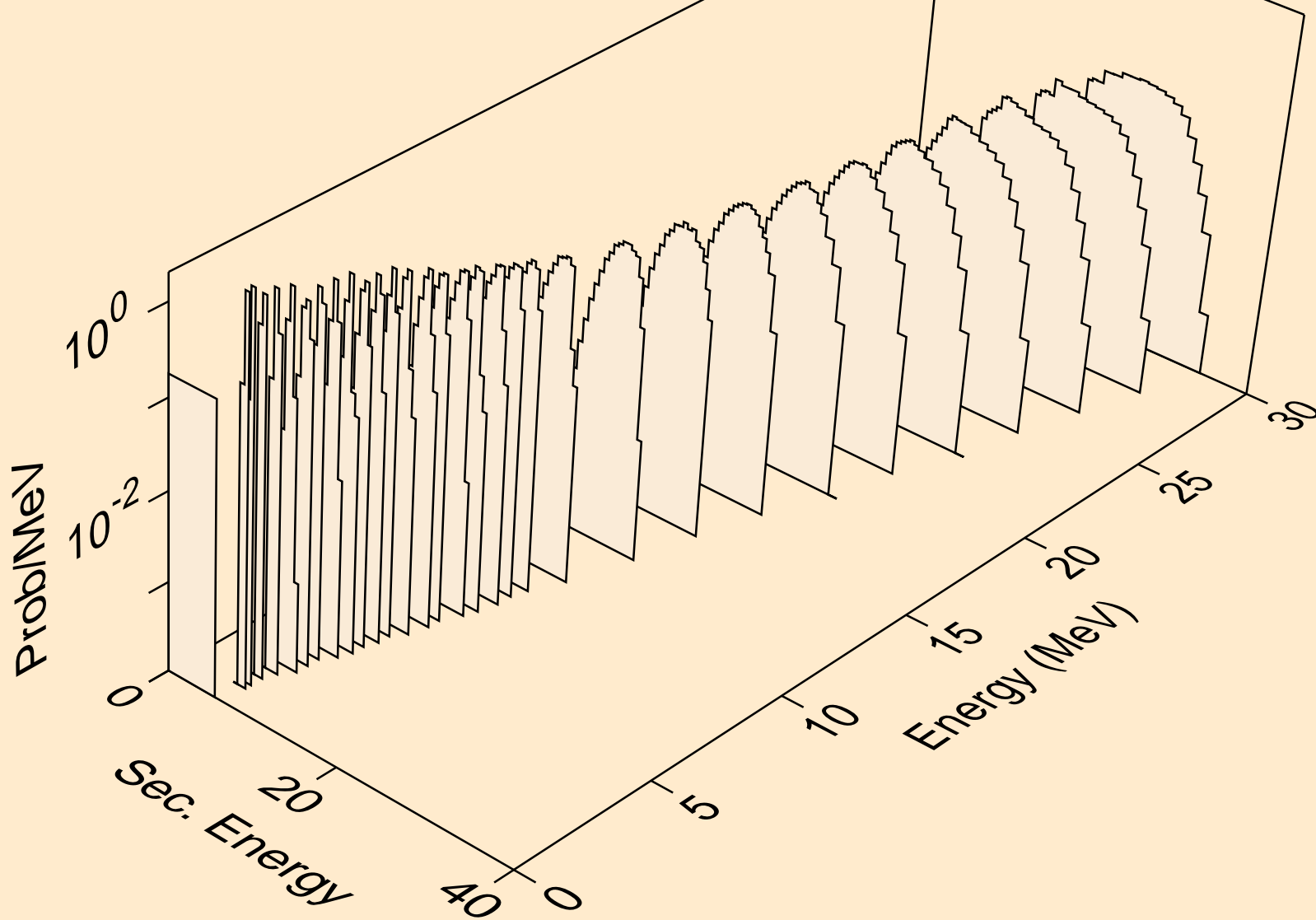
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



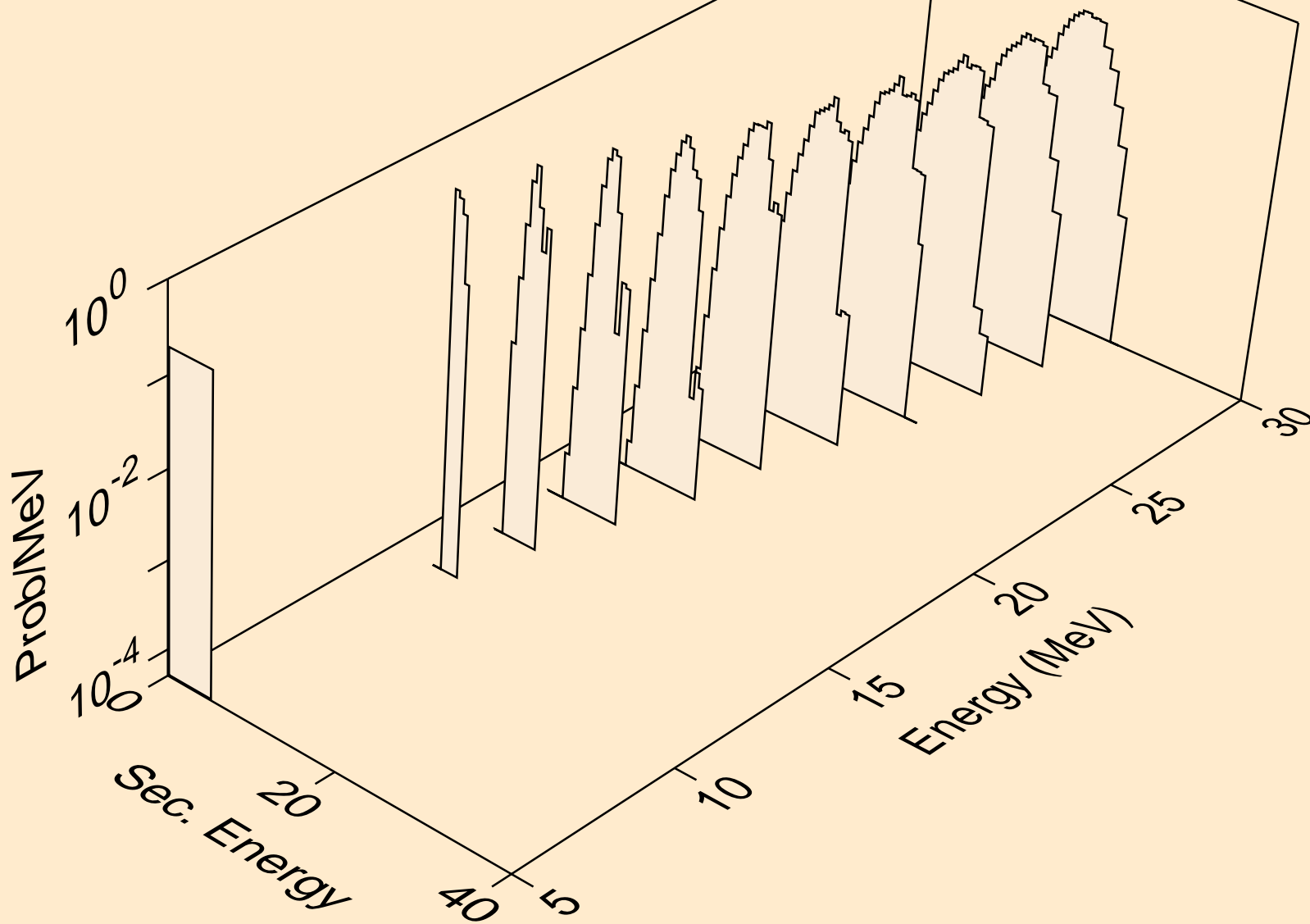
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a

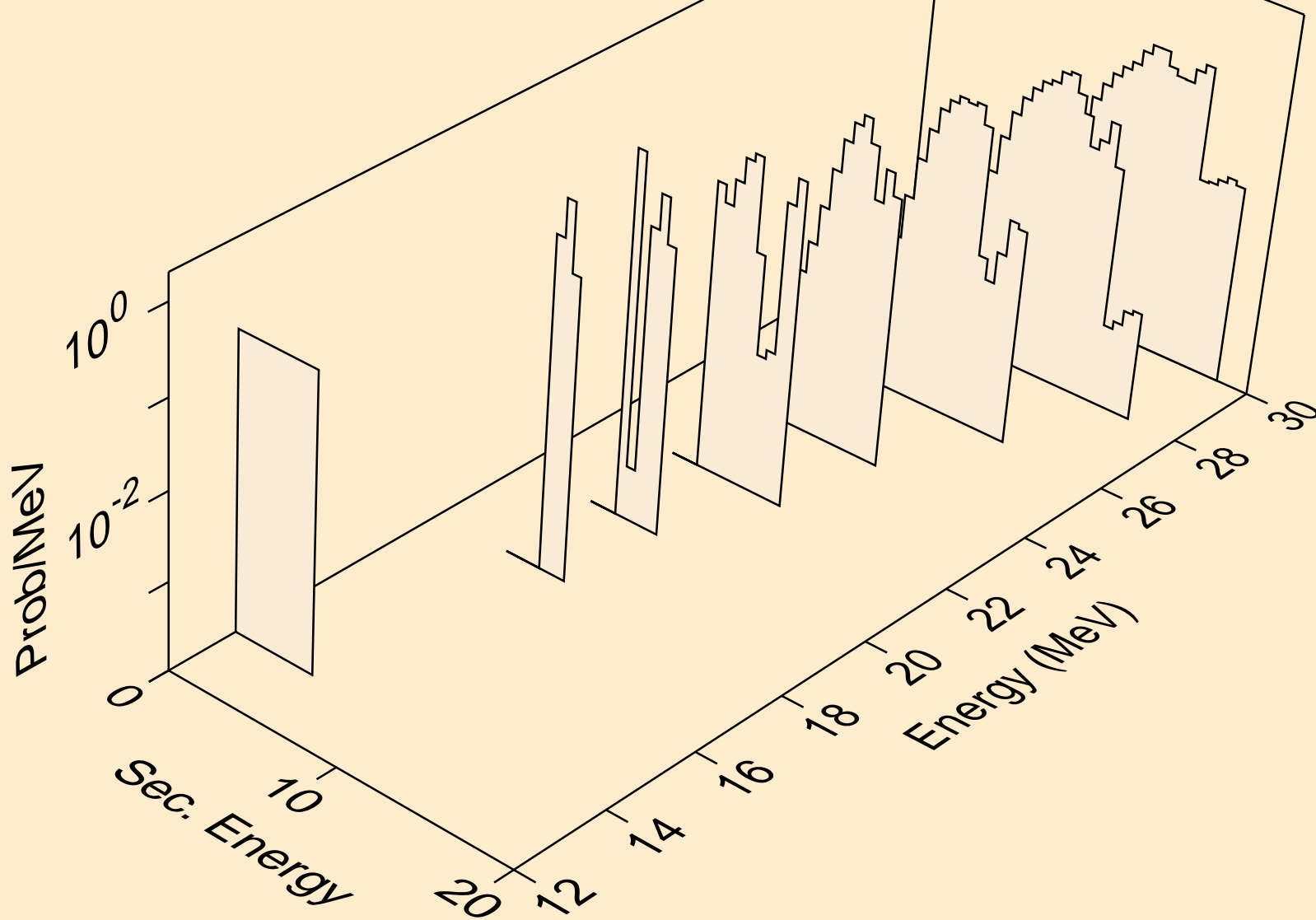


IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a

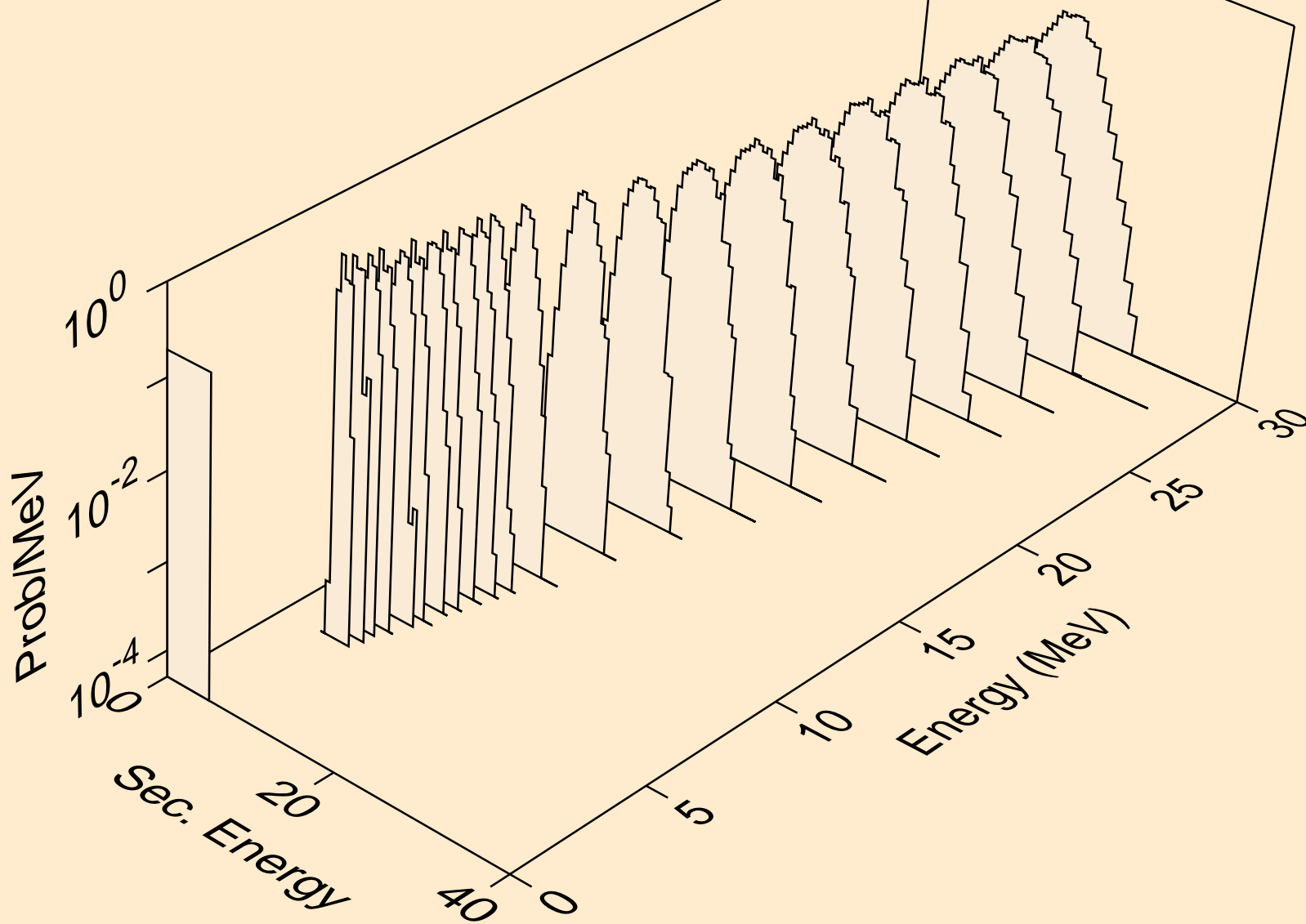




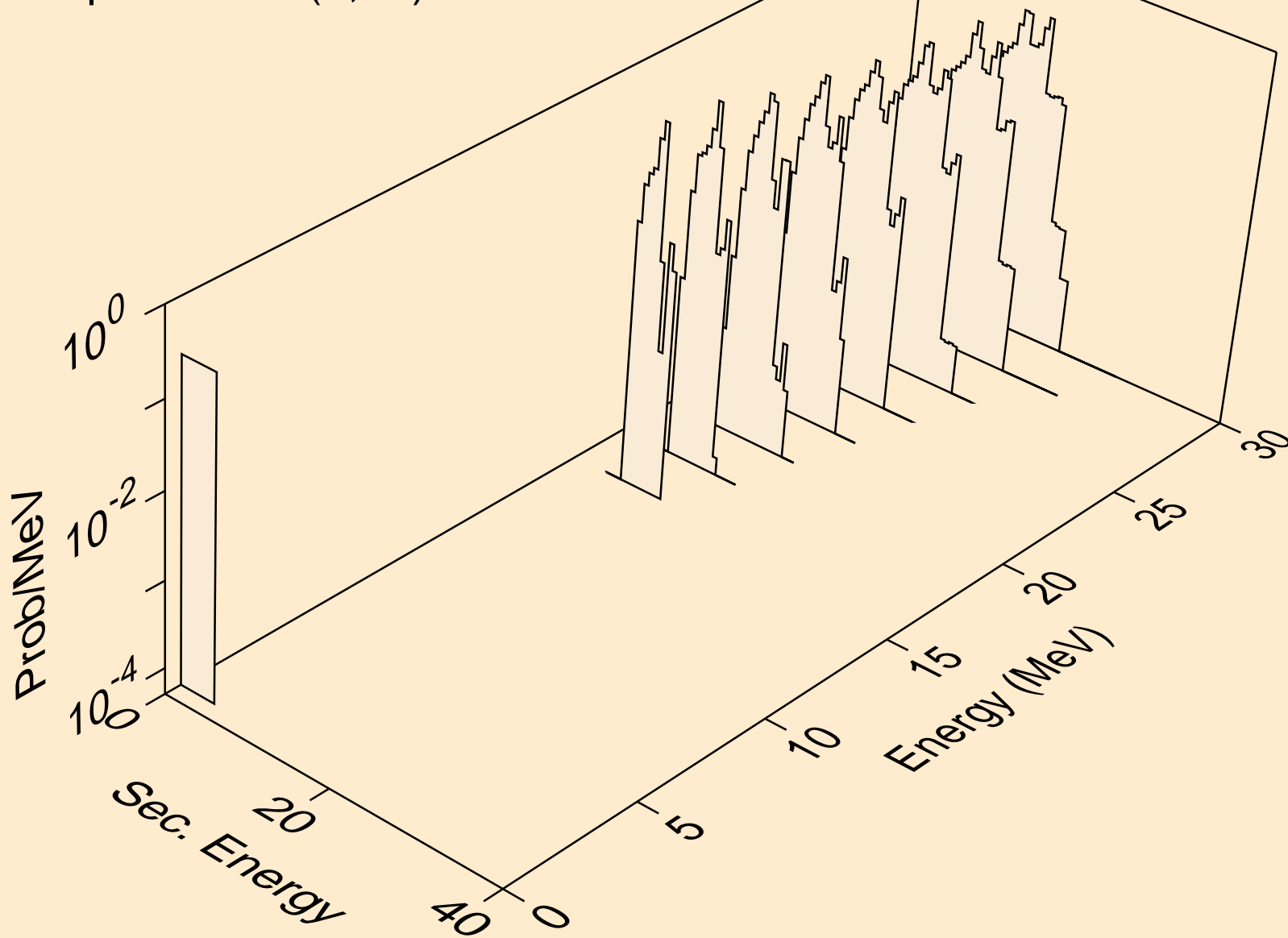
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



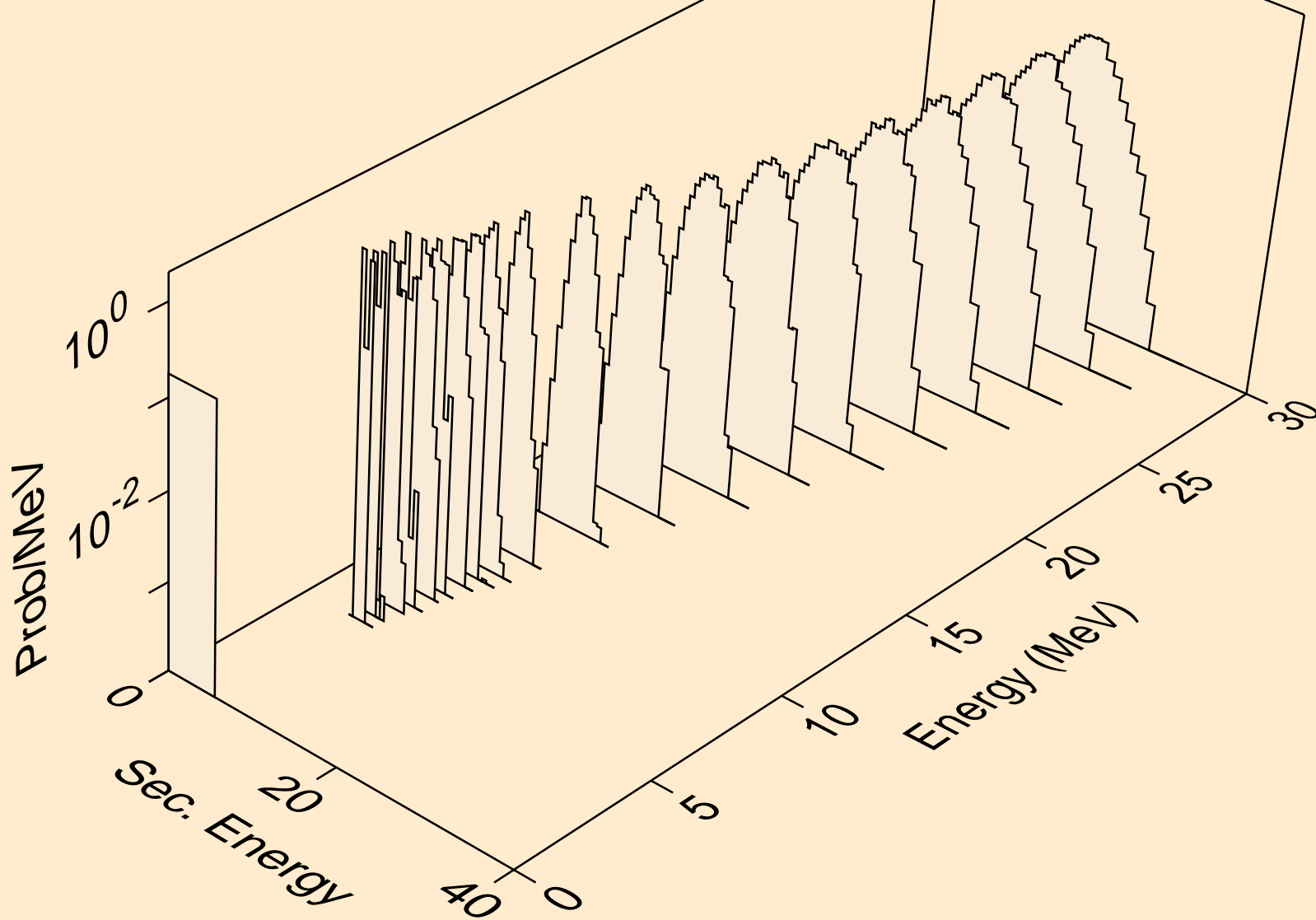
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



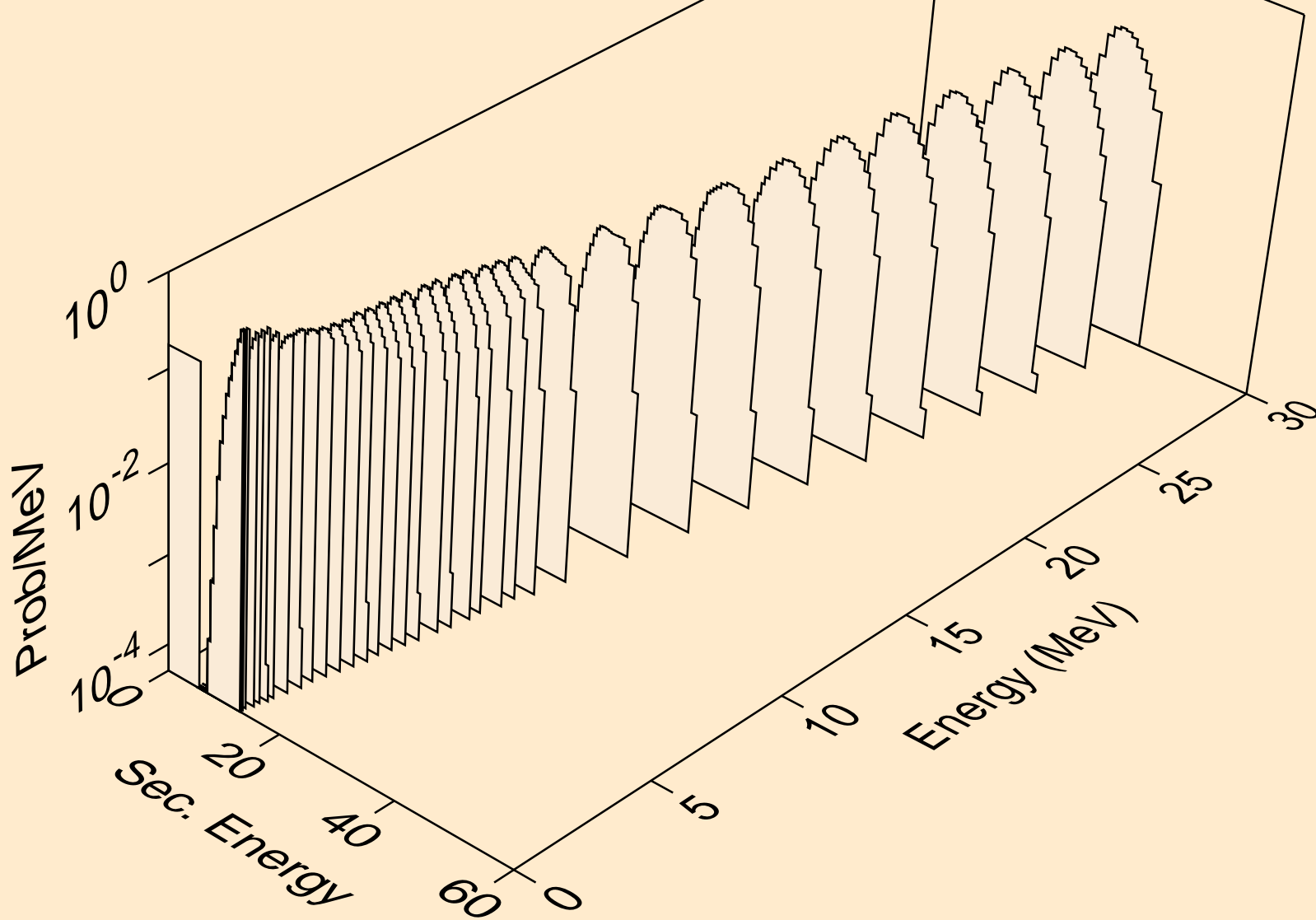
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)2a



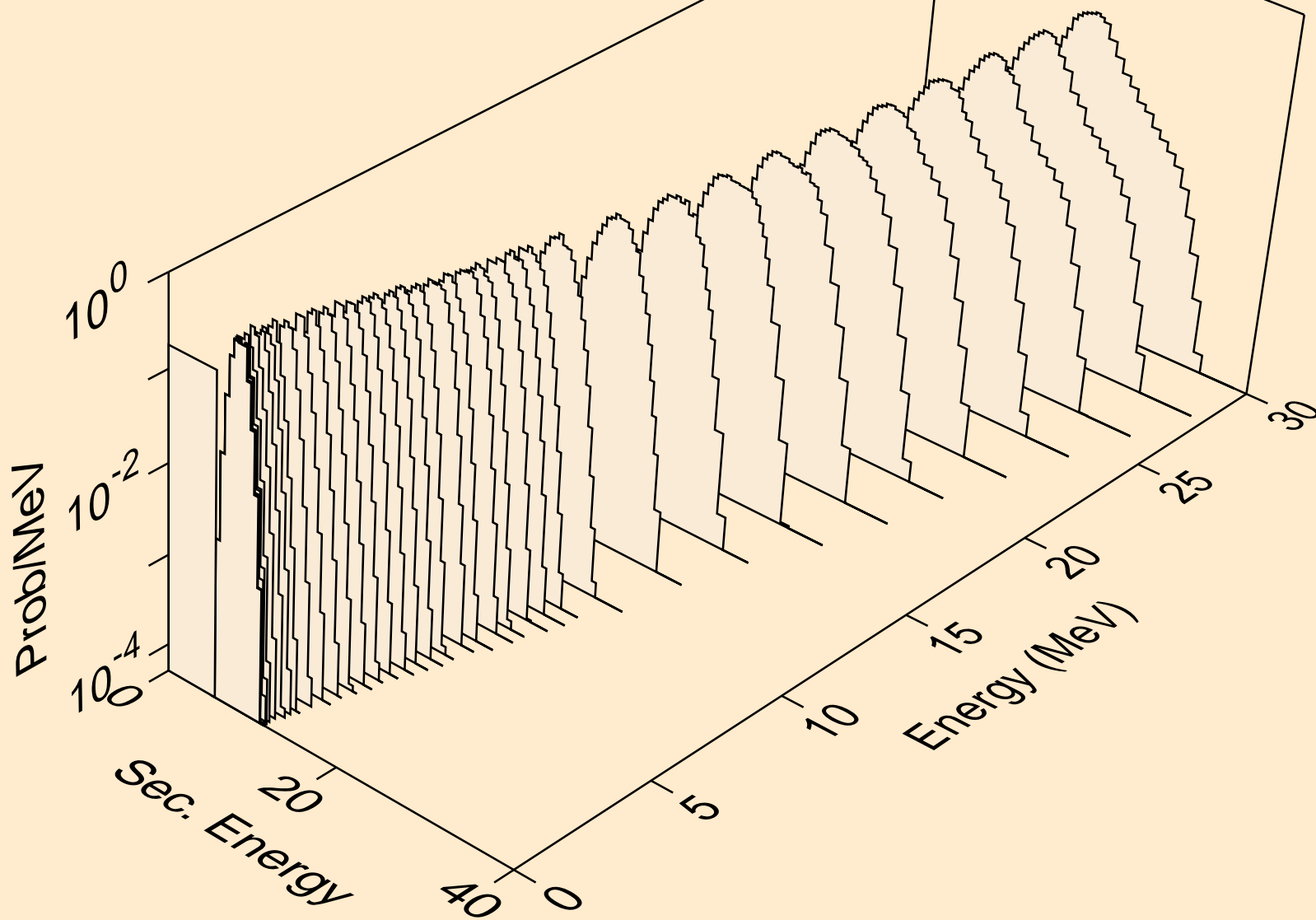
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



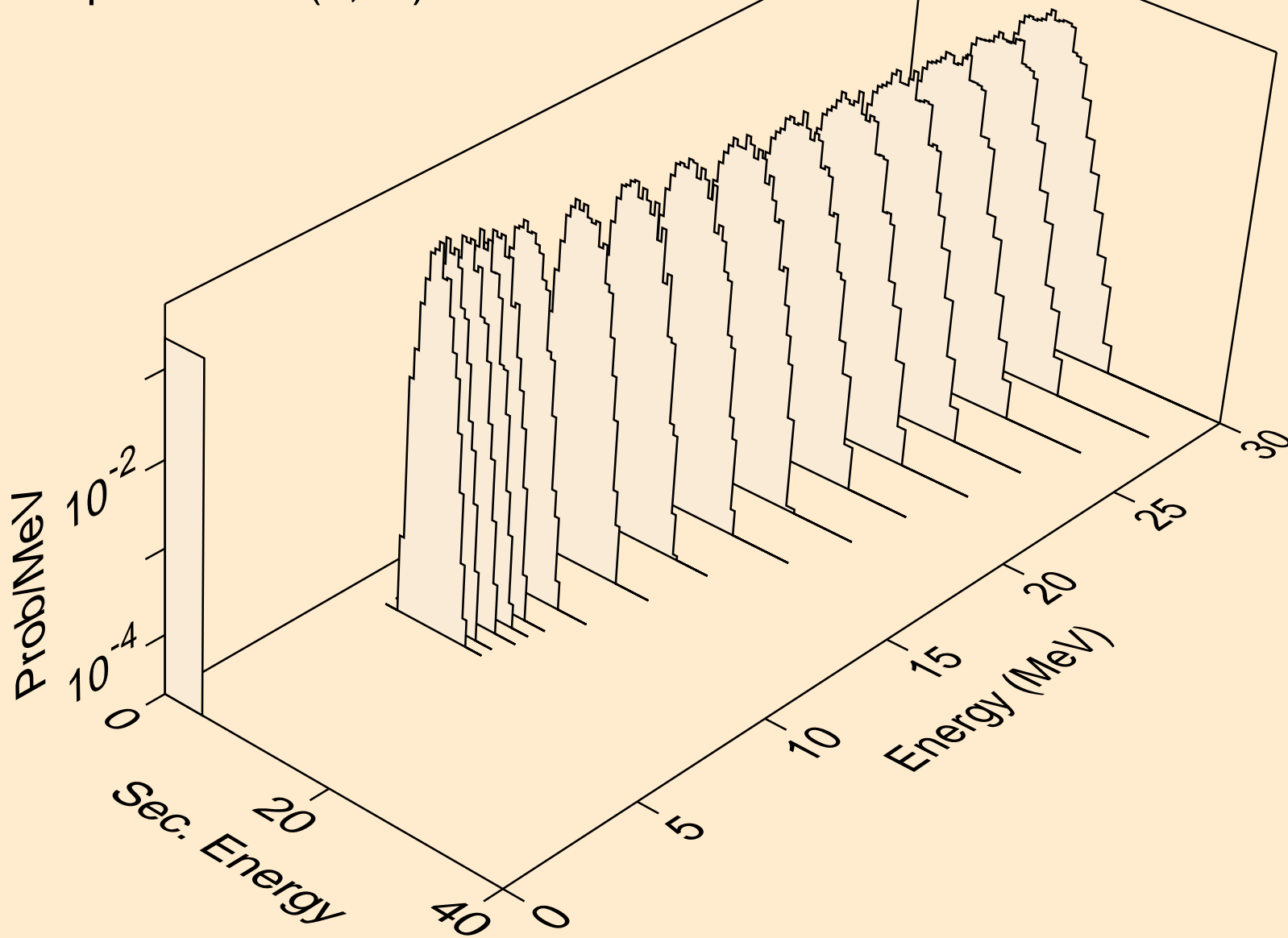
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



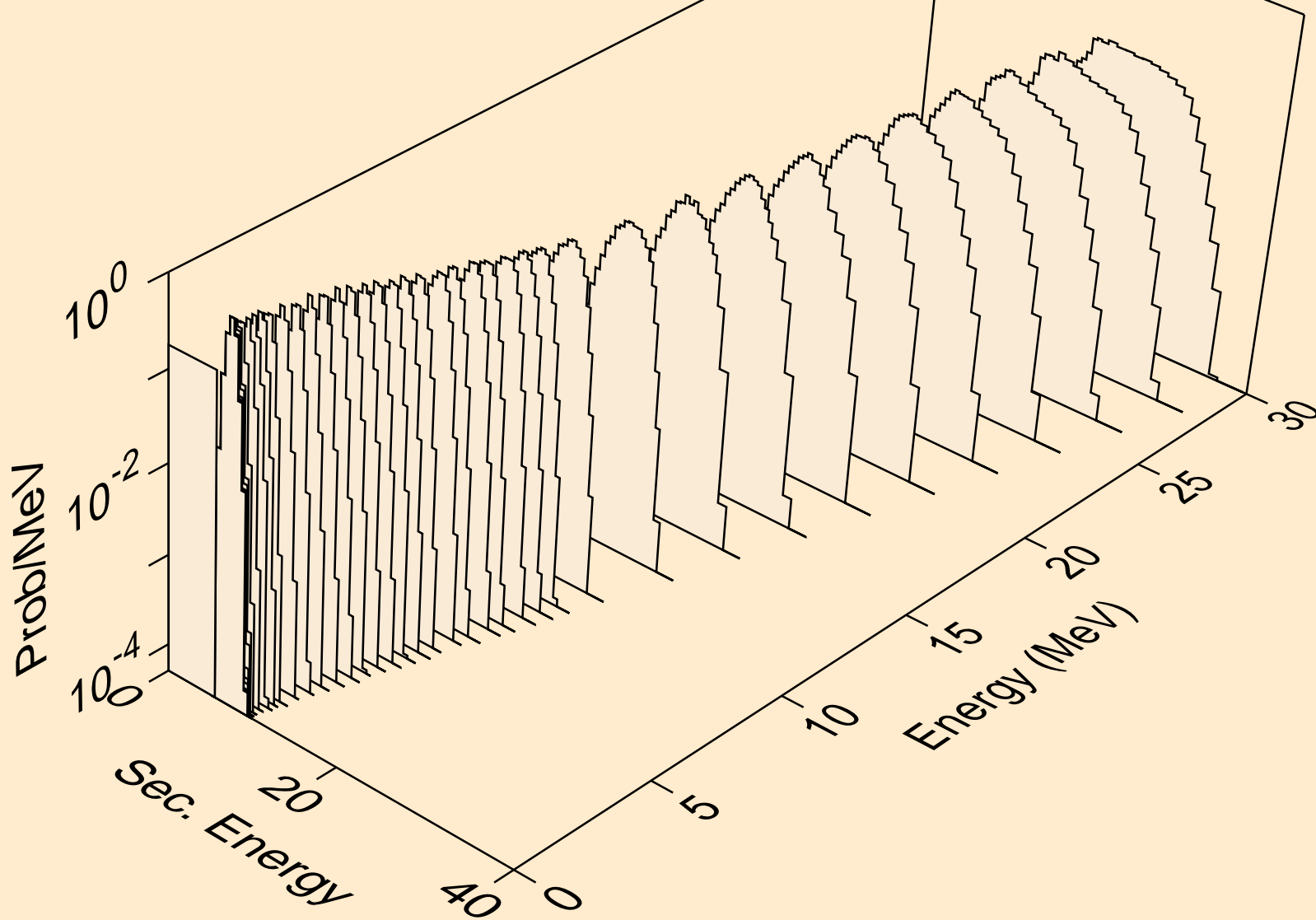
IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3a)



IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)





IR177 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

