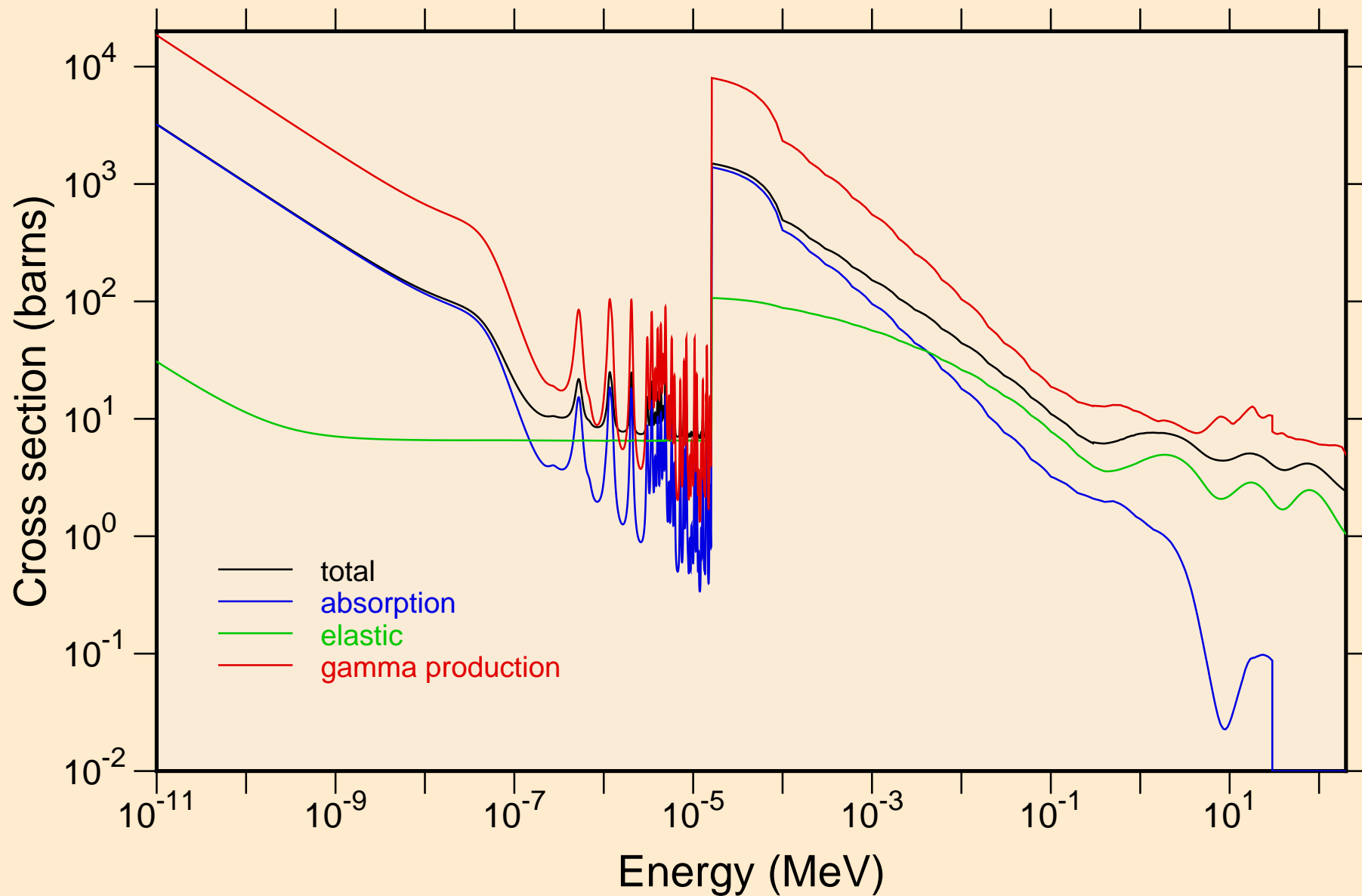
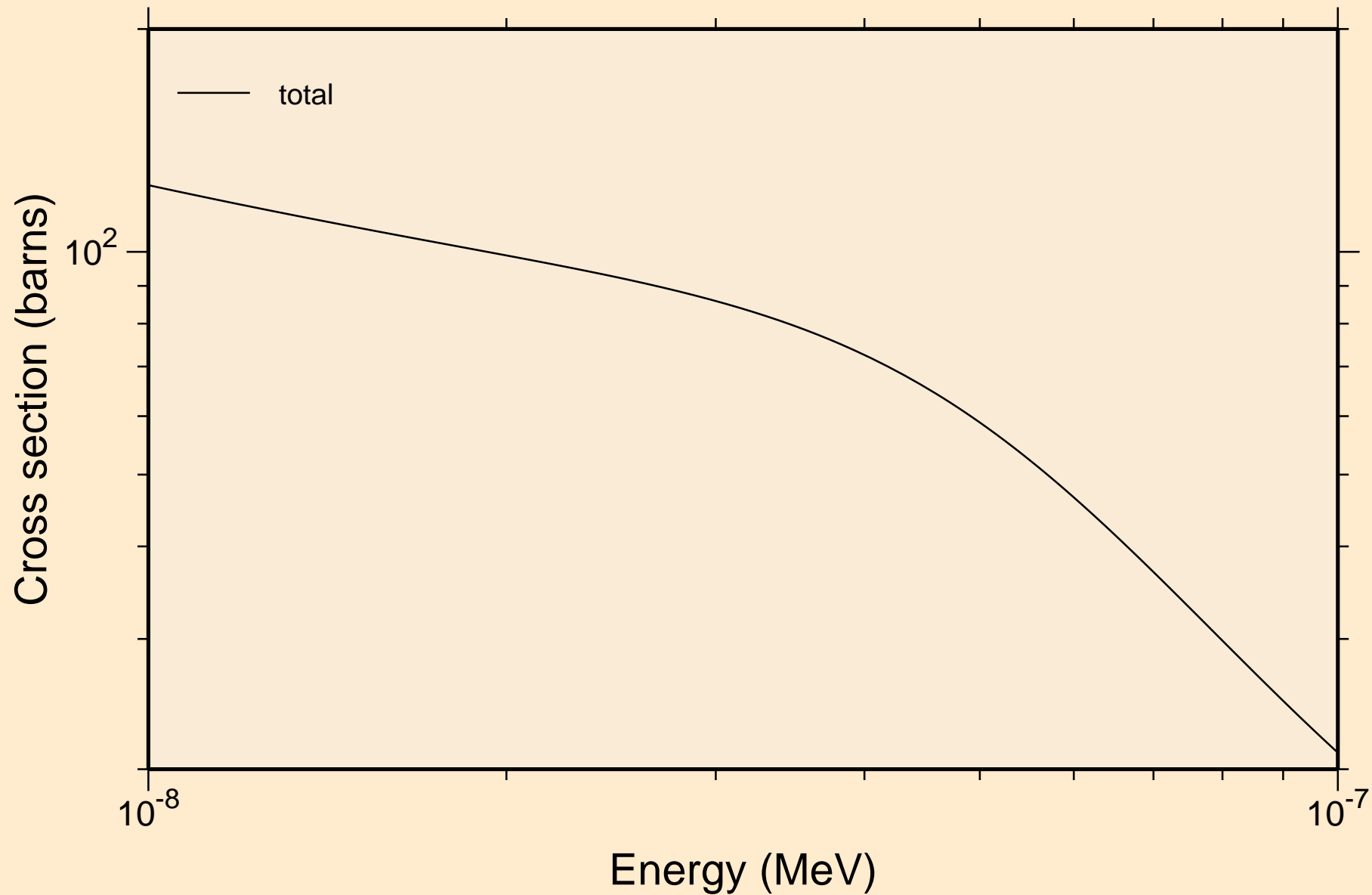


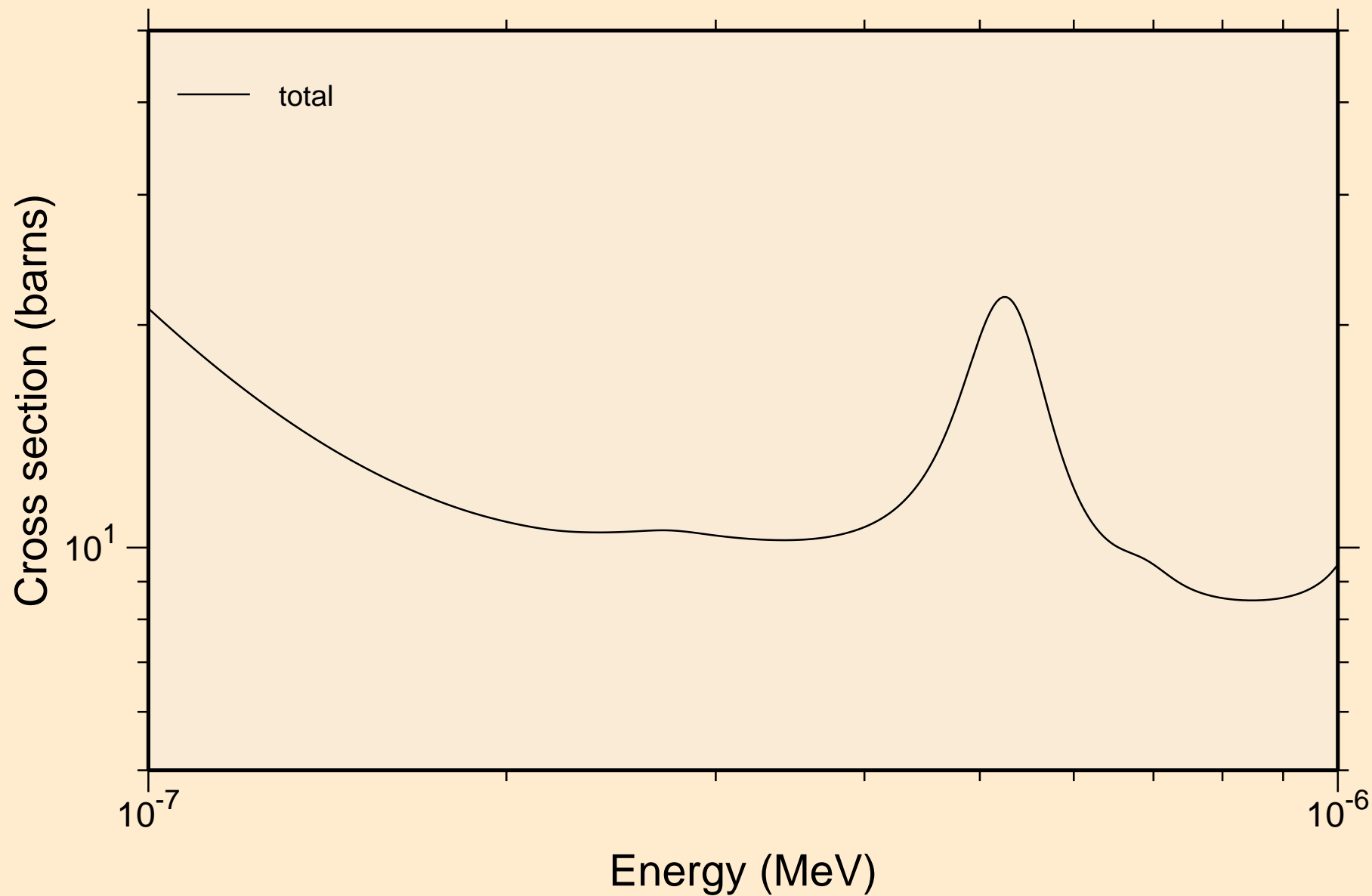
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



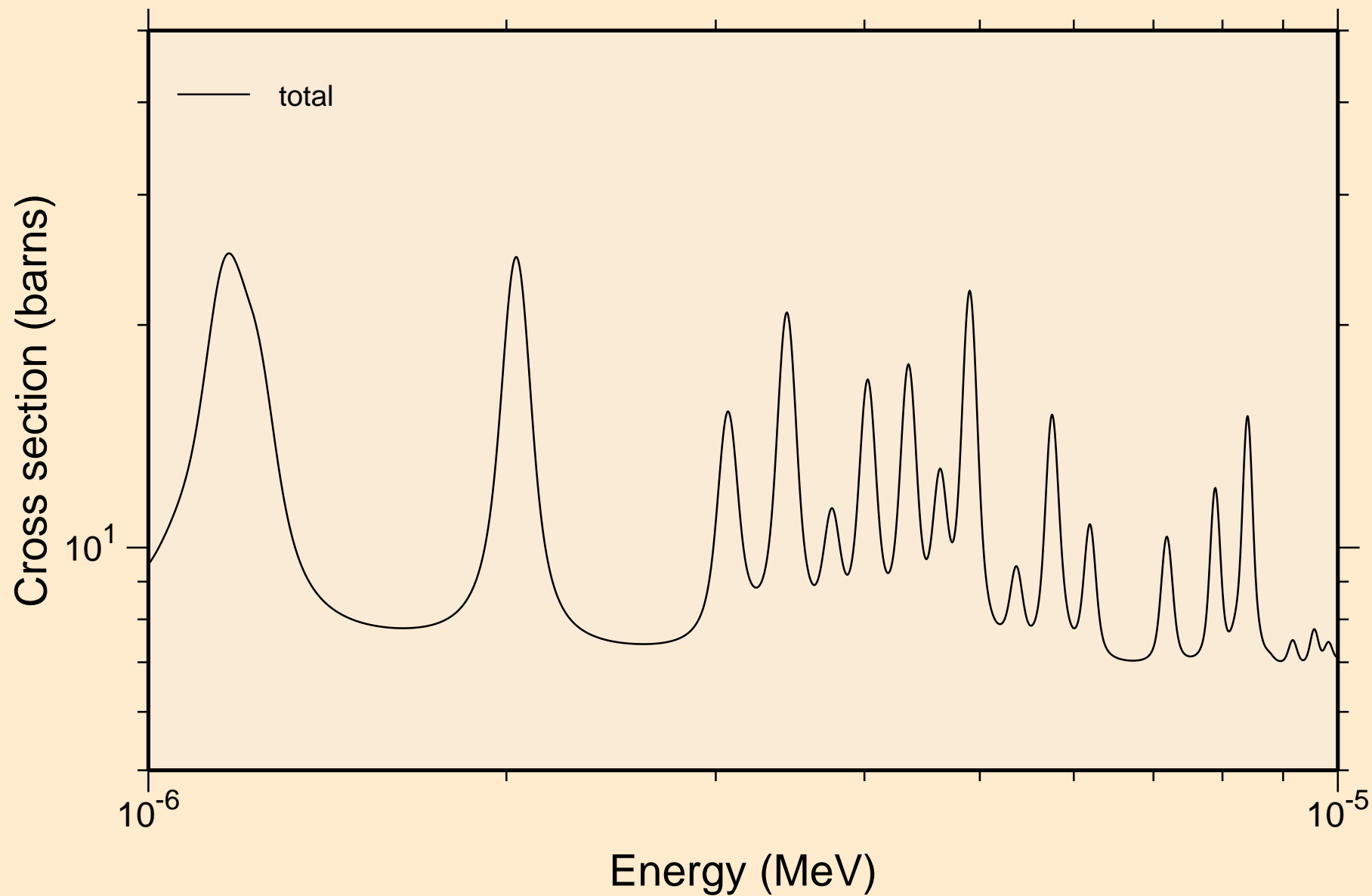
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



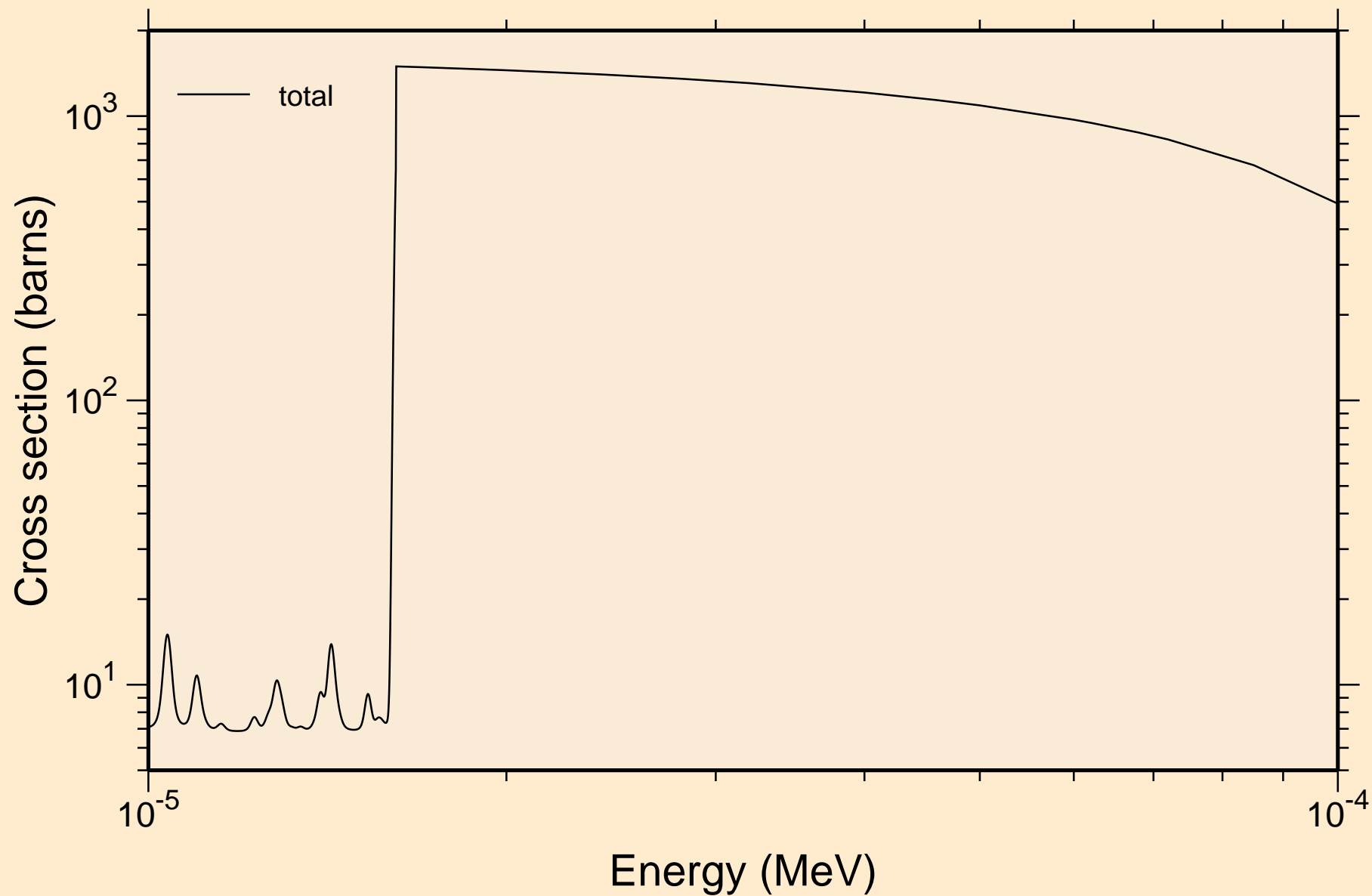
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



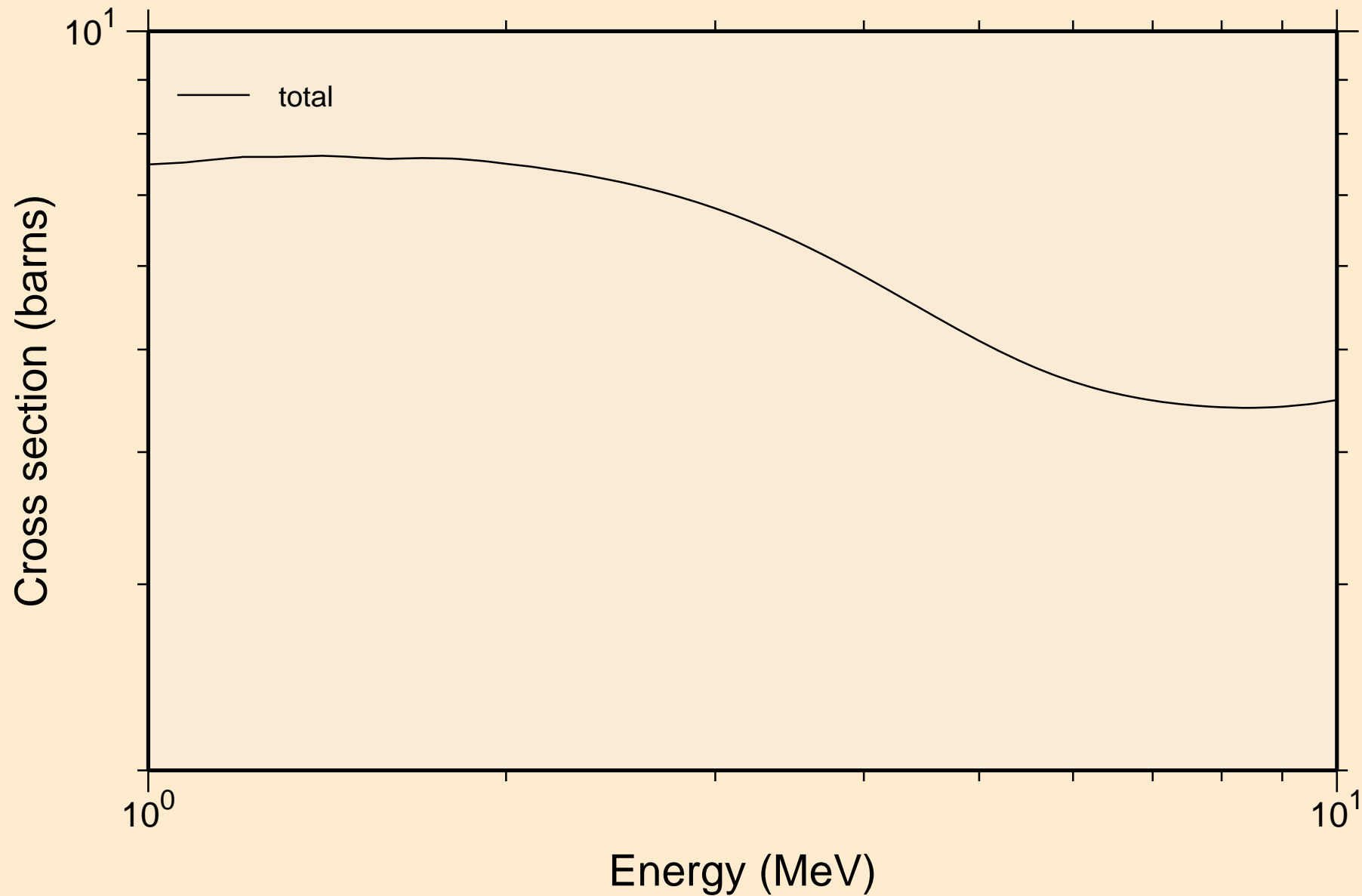
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



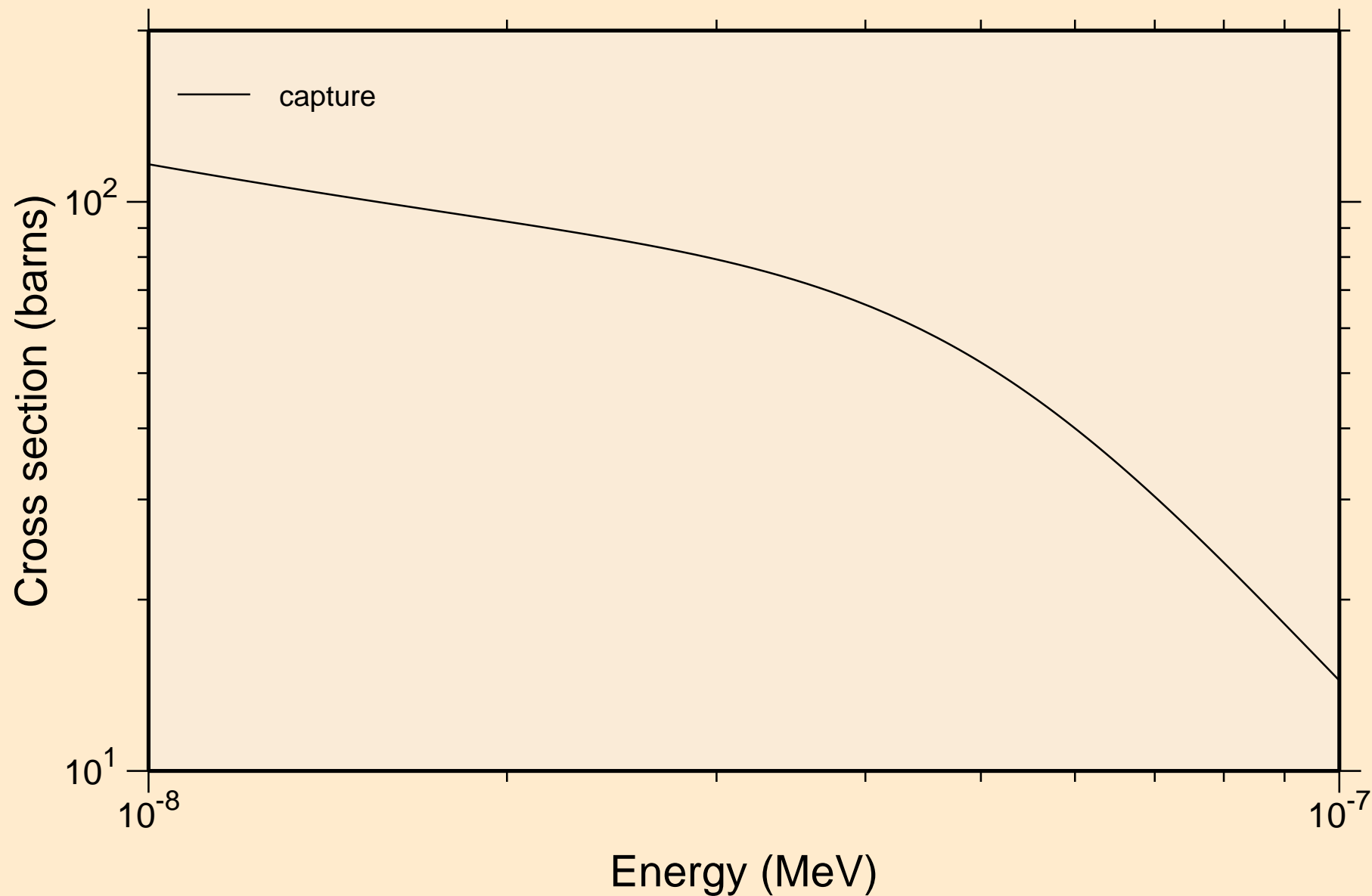
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



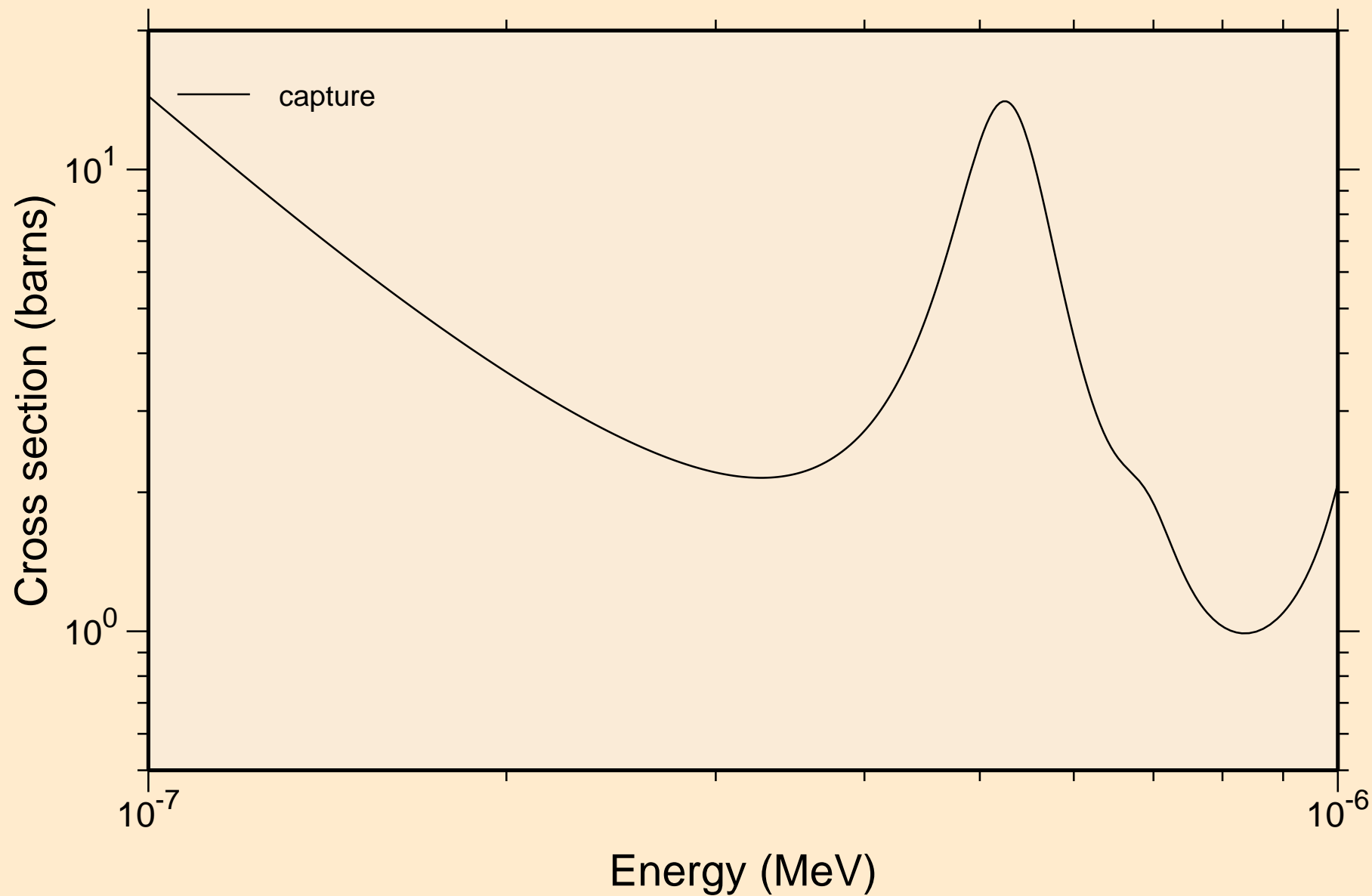
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

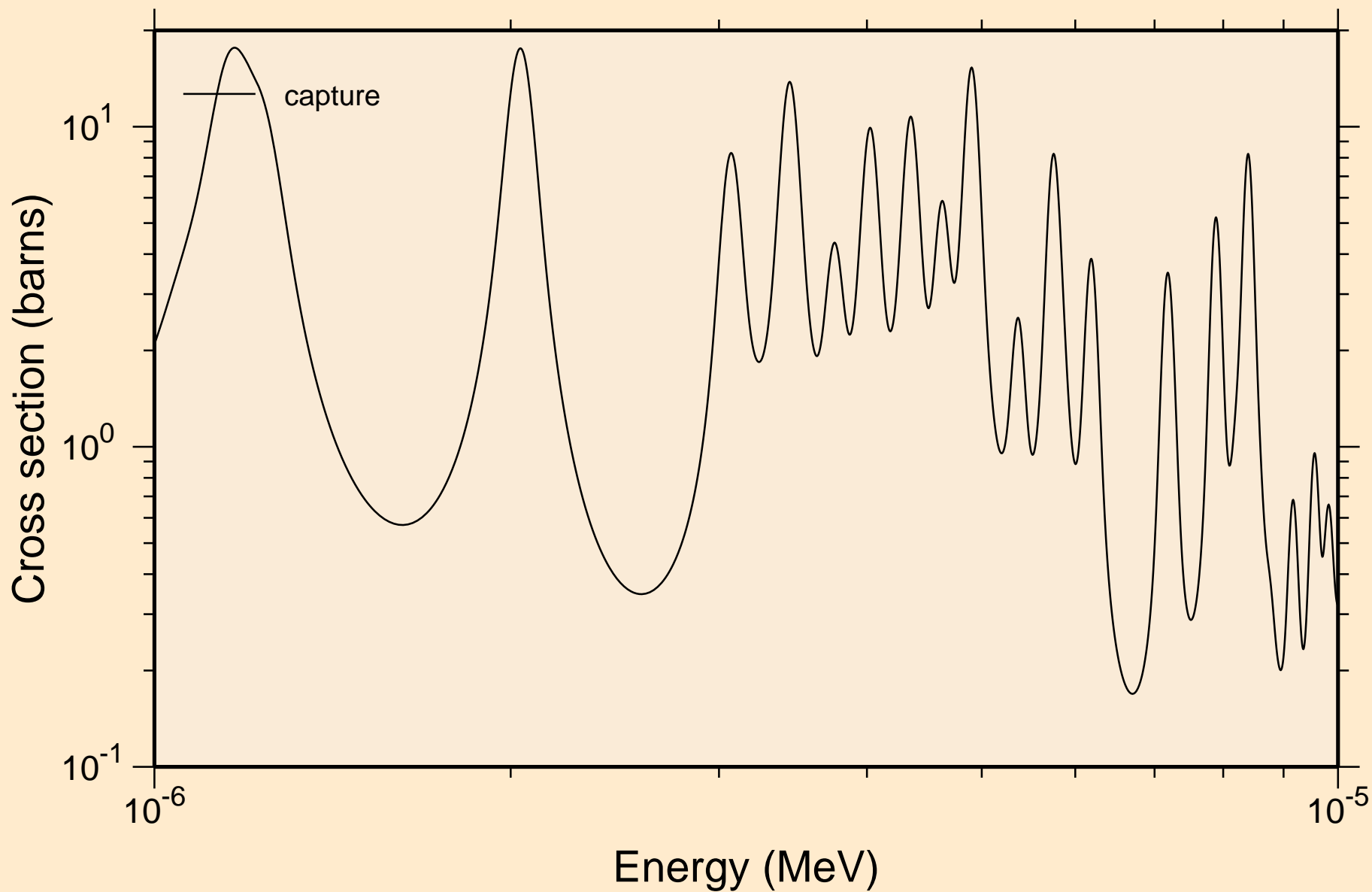


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

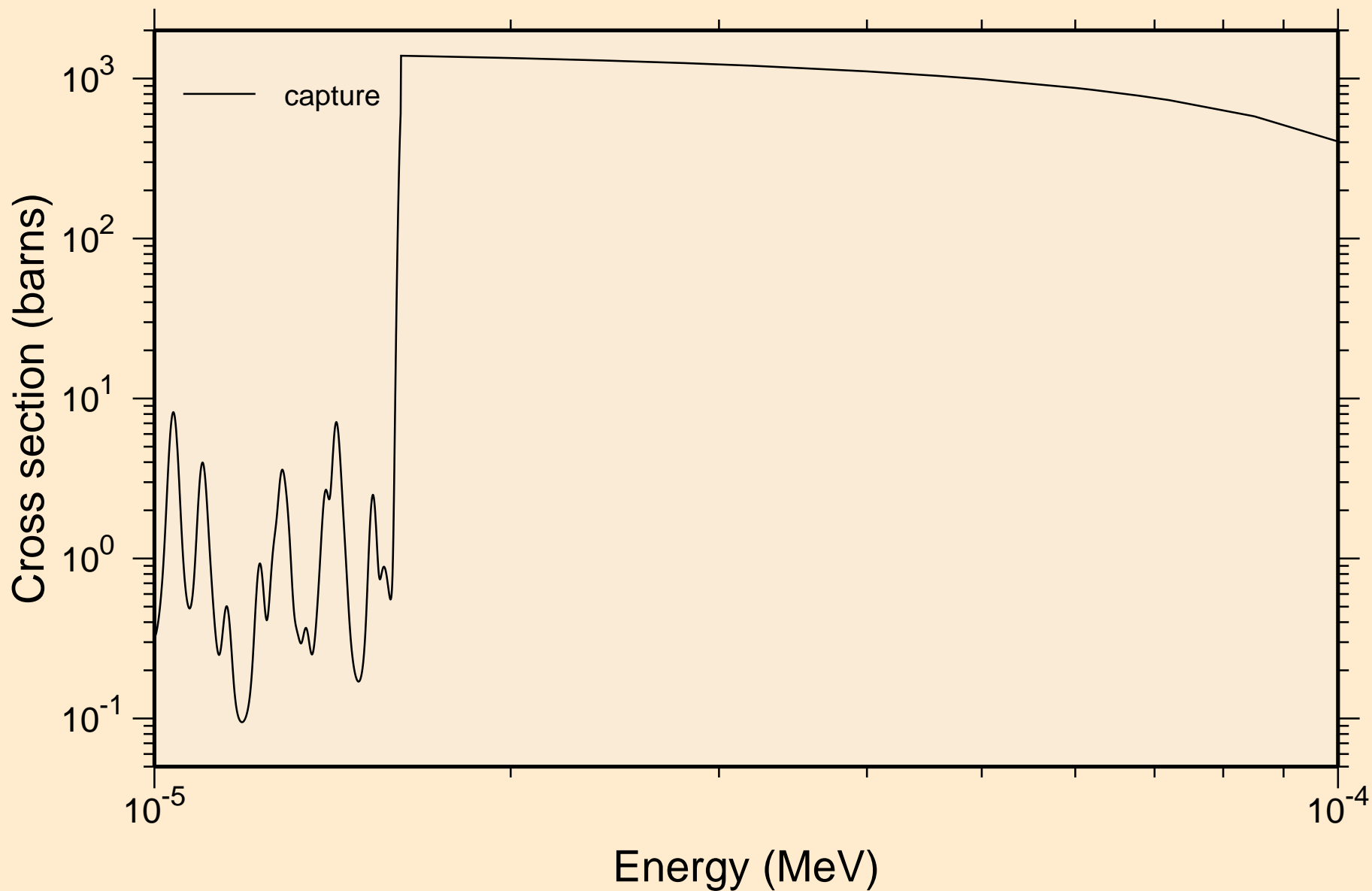




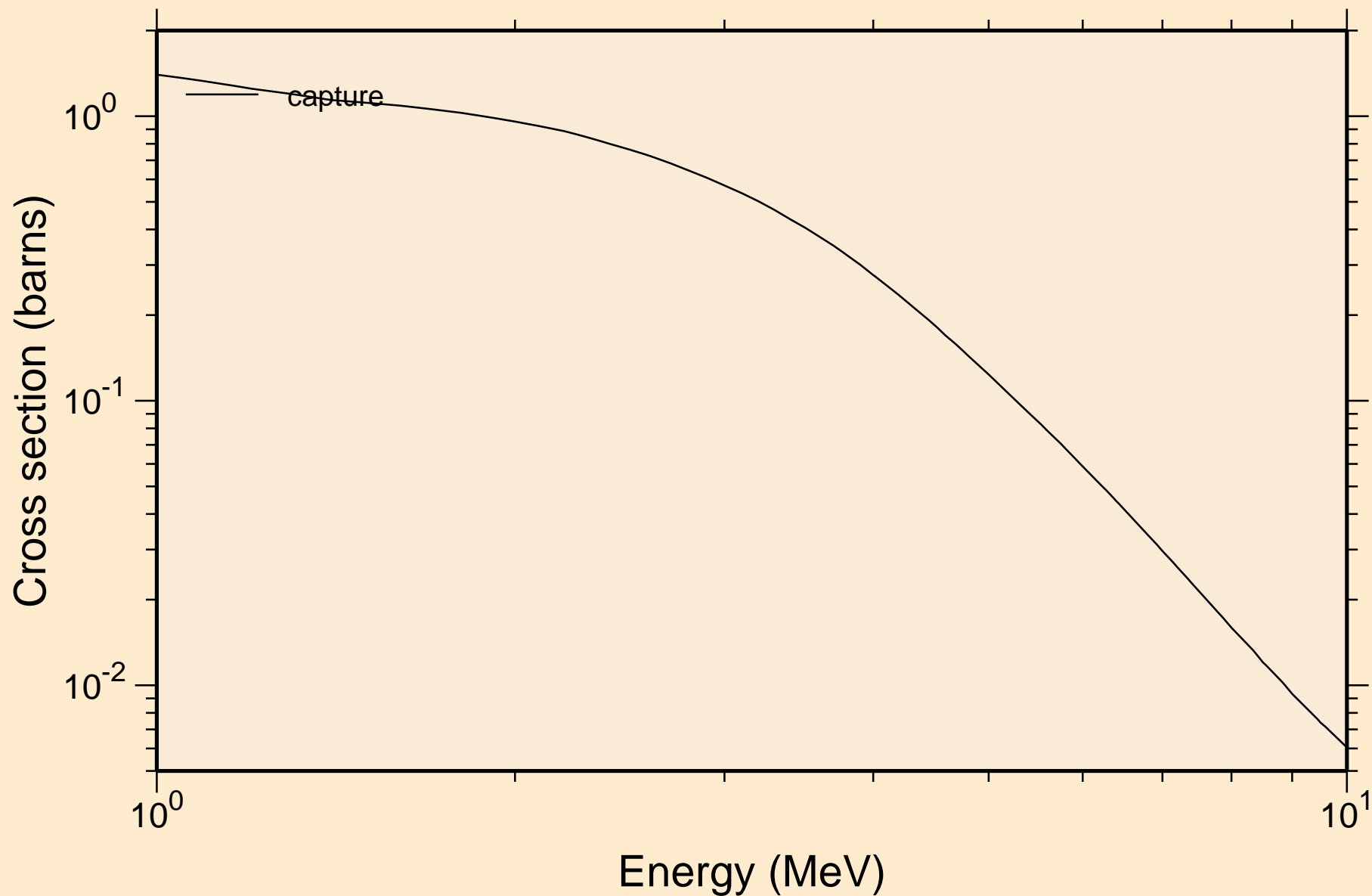
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resonance absorption cross sections



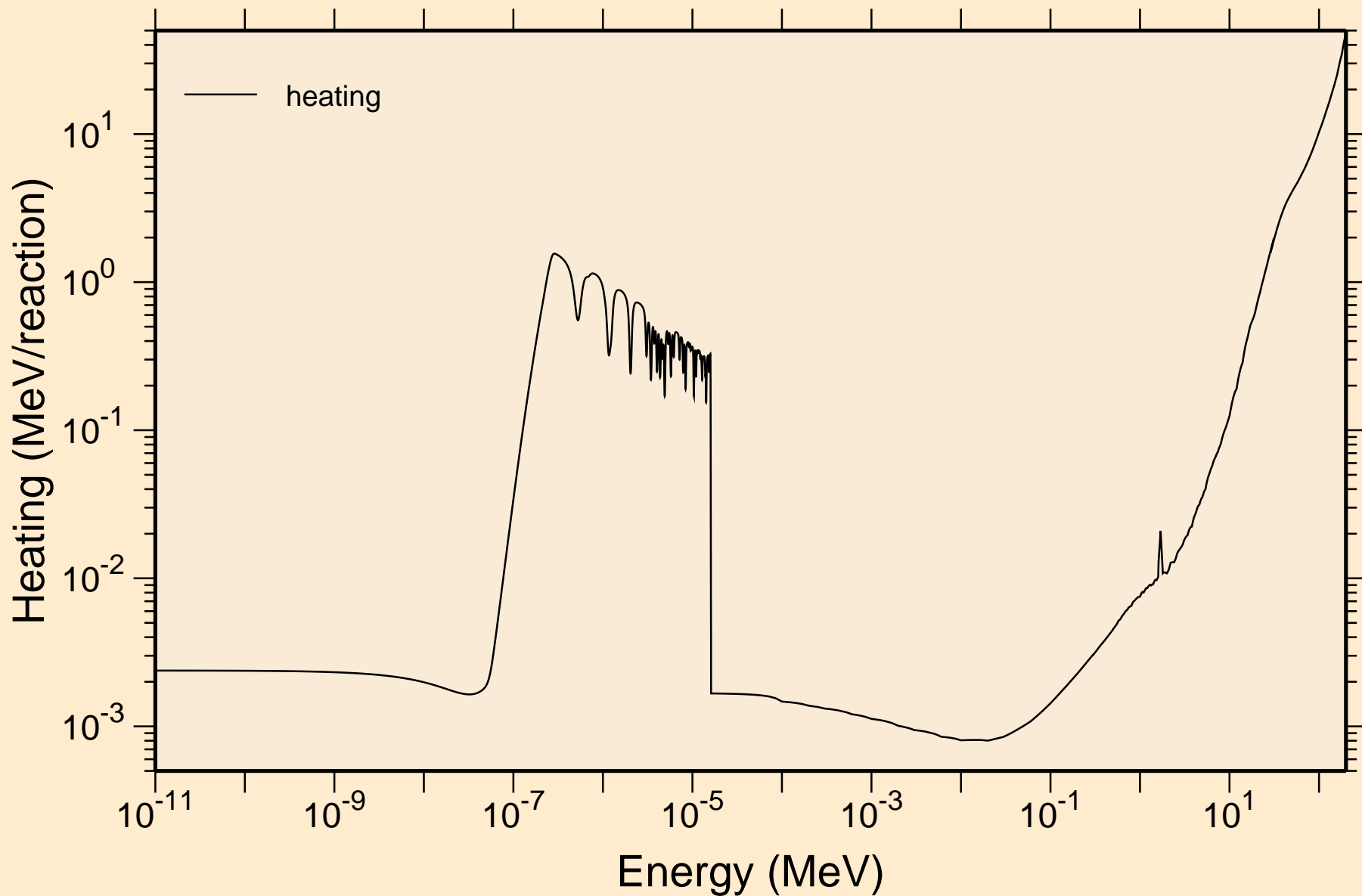
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resonance absorption cross sections



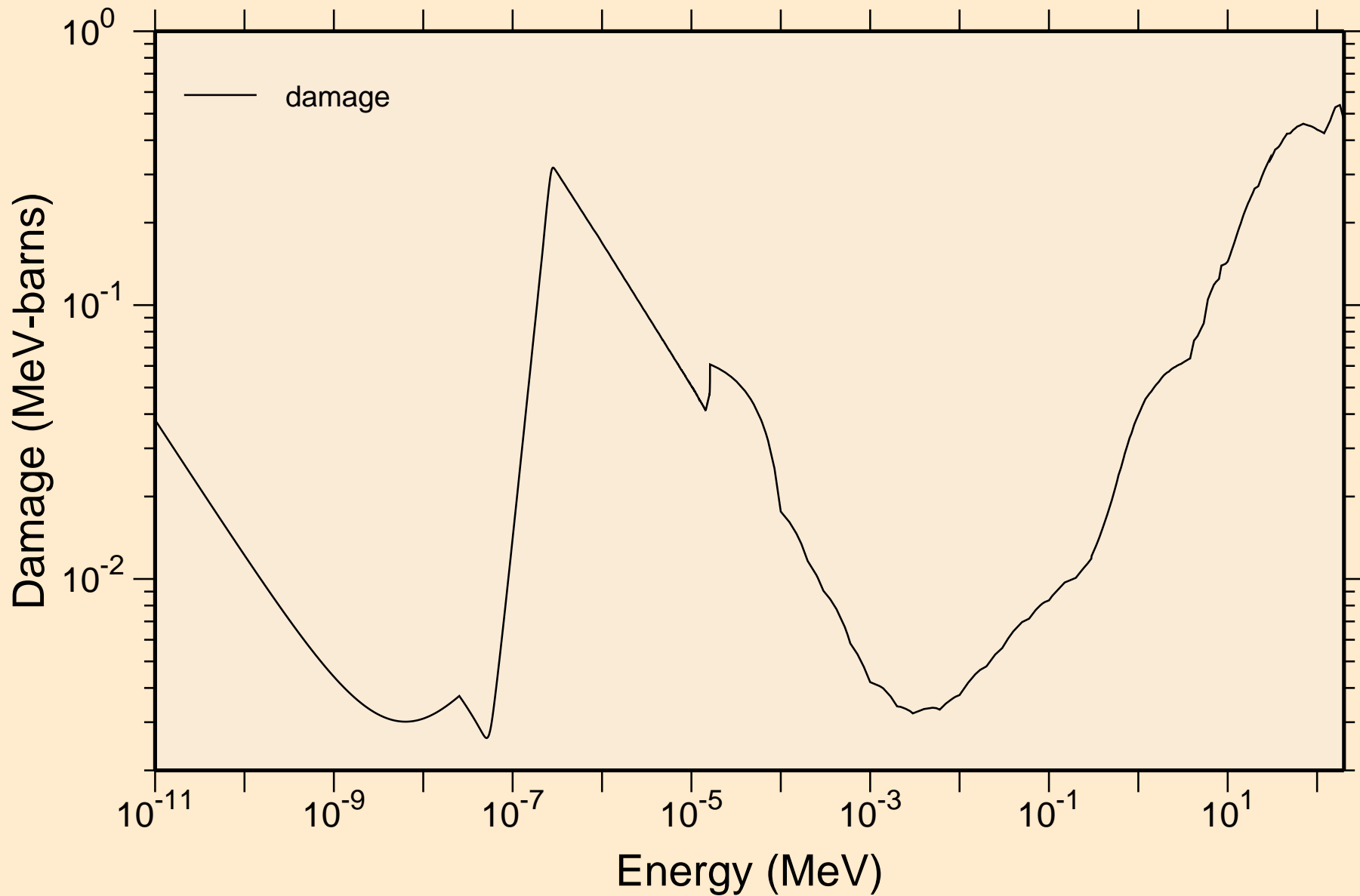
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resonance absorption cross sections



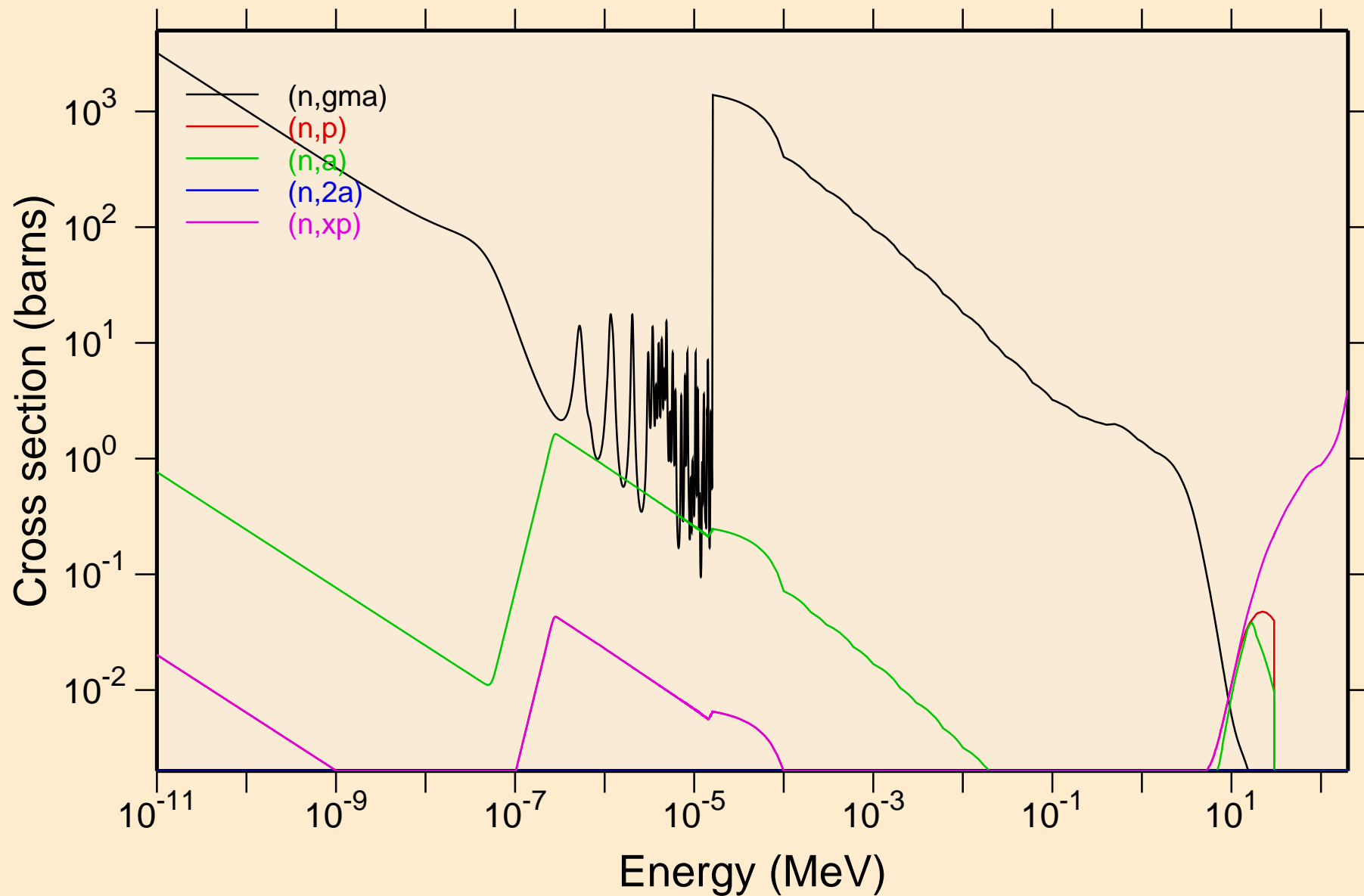
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



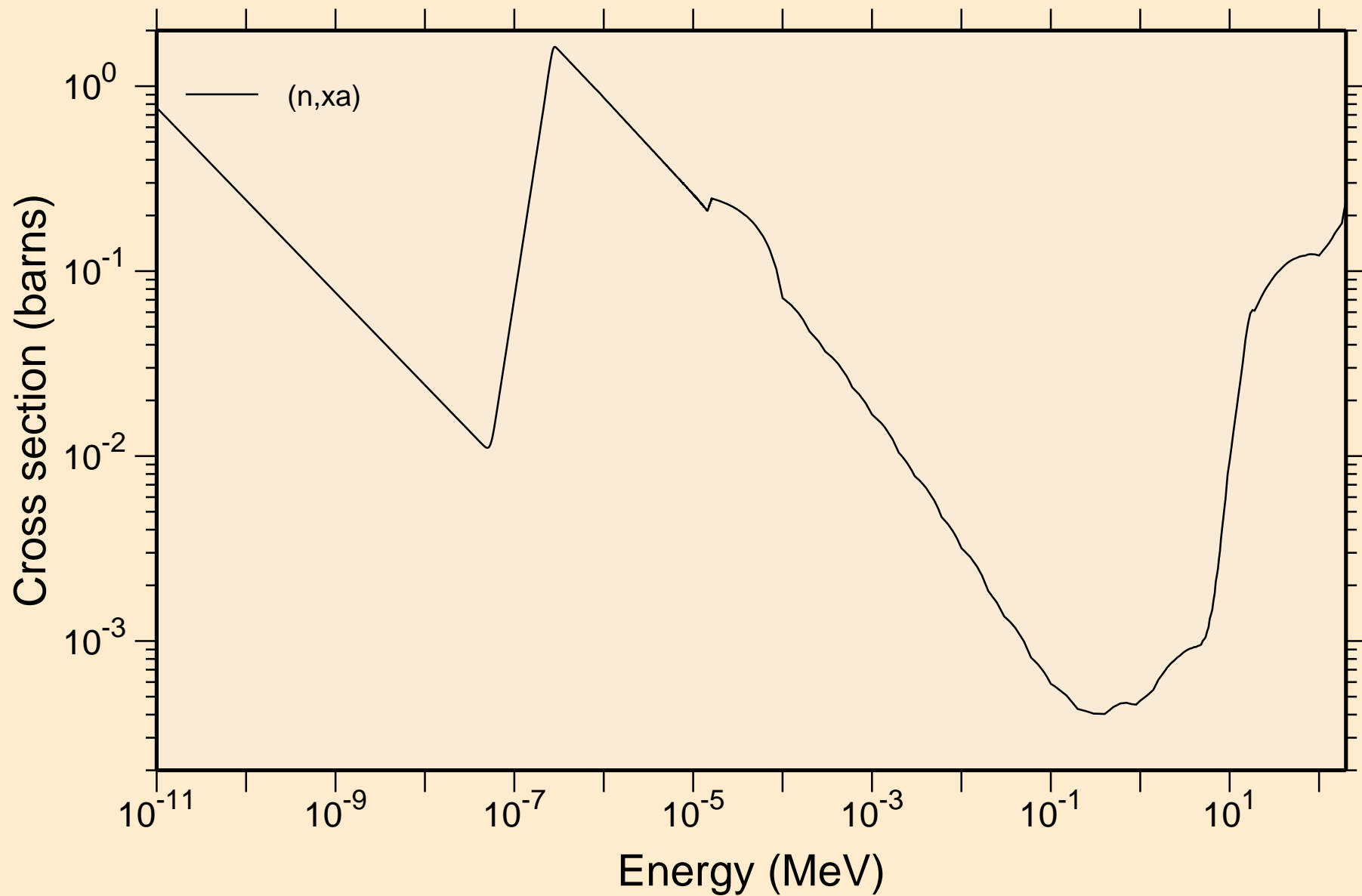
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



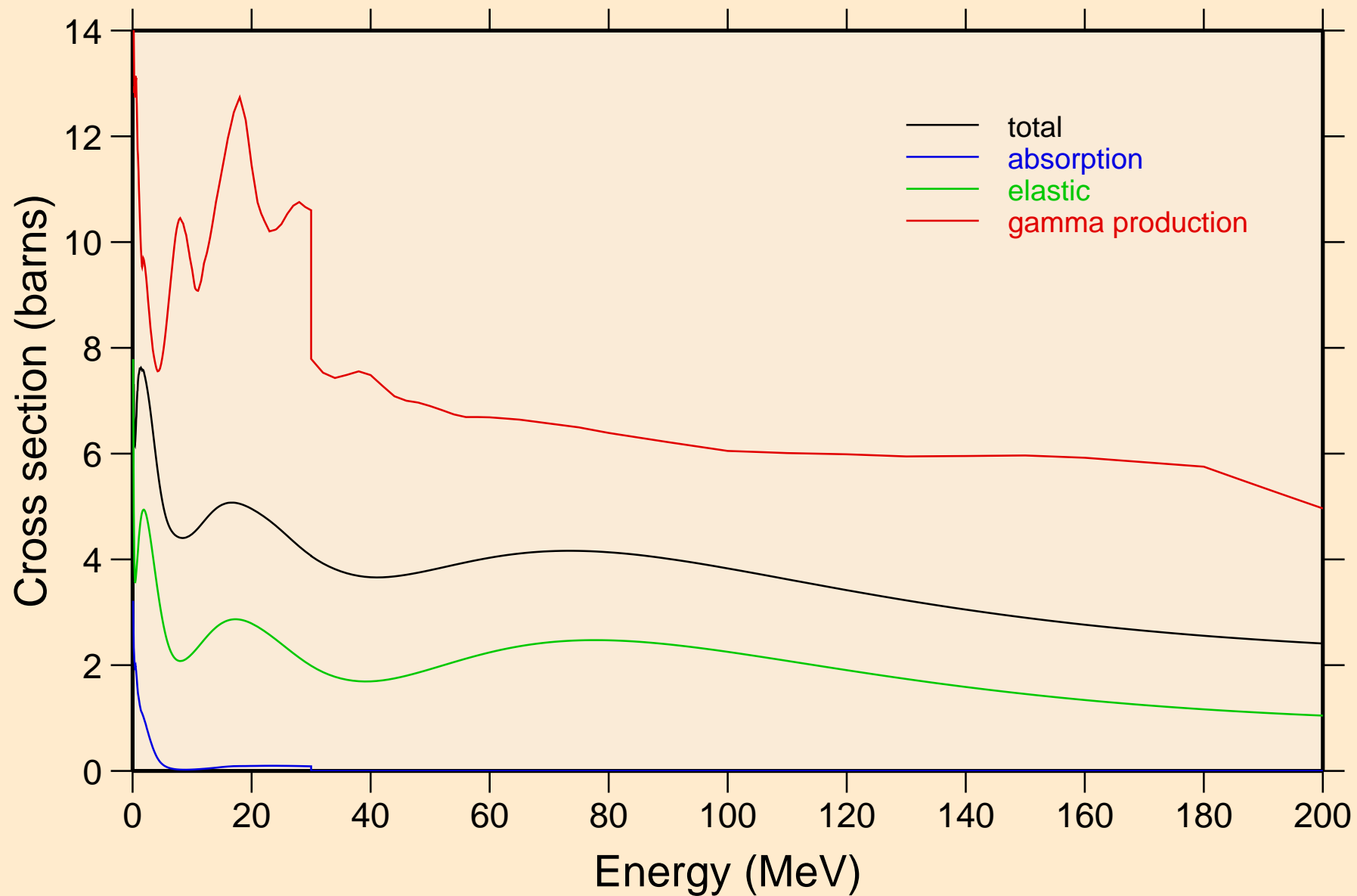
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

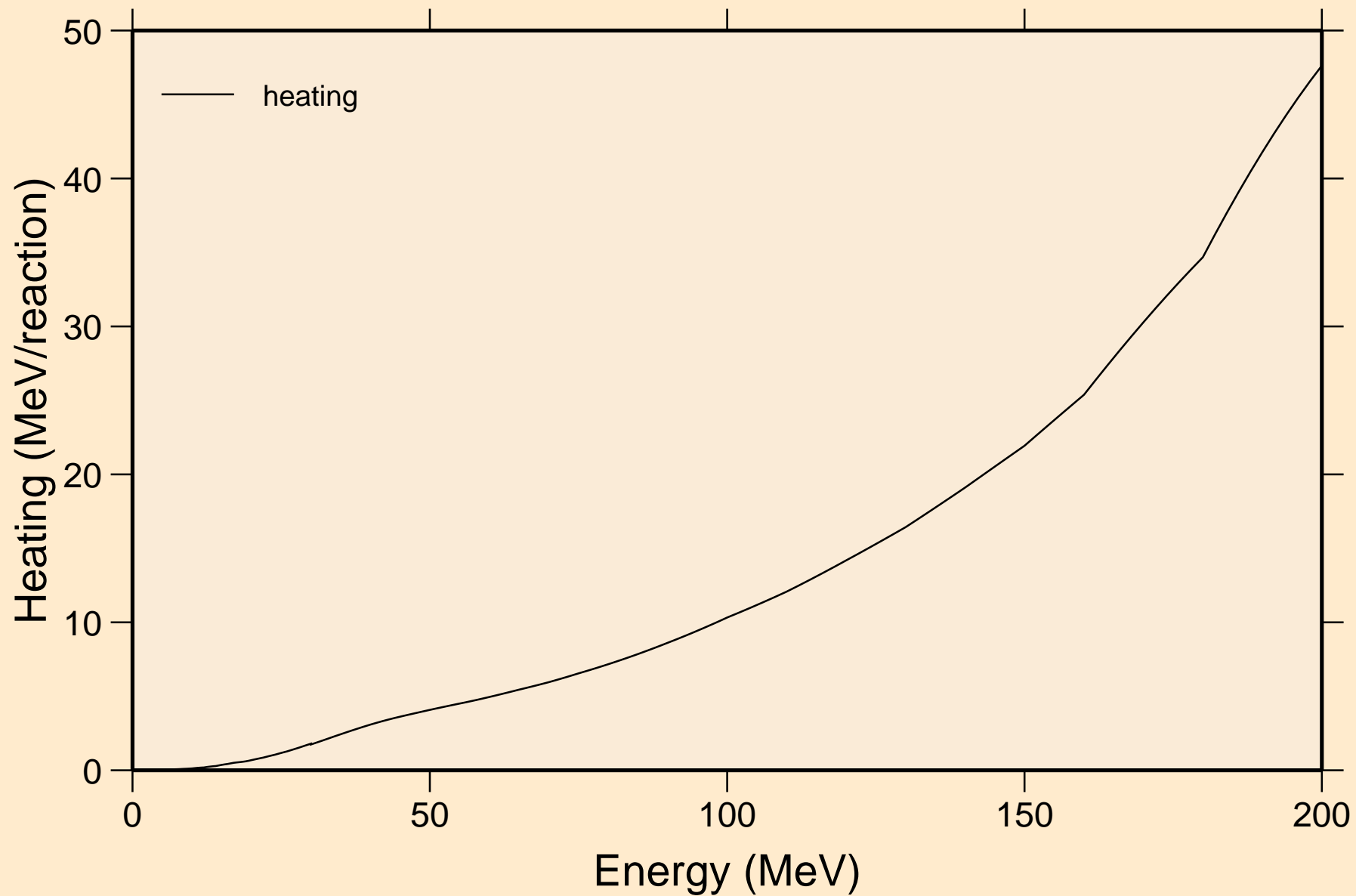


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections

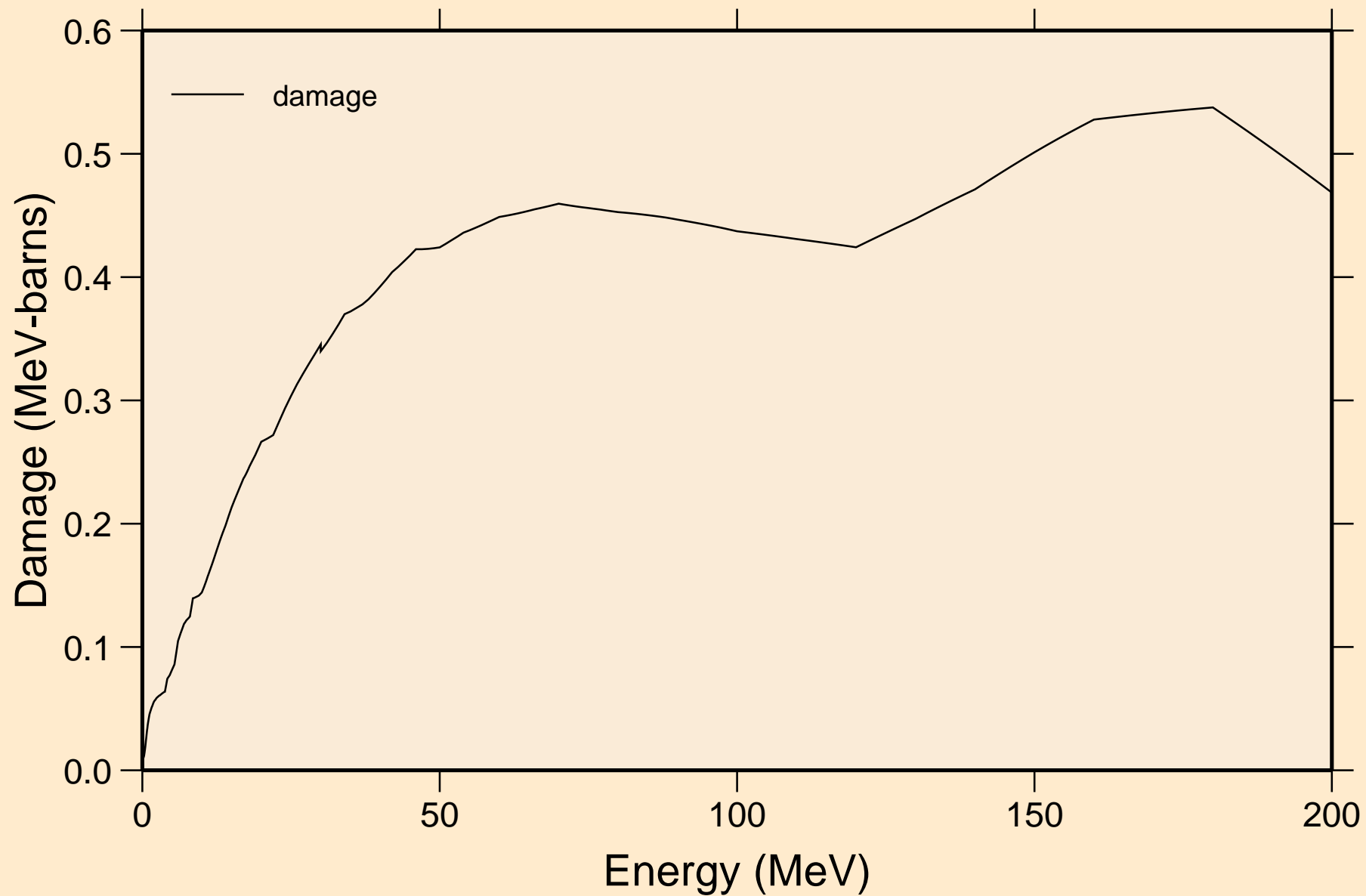




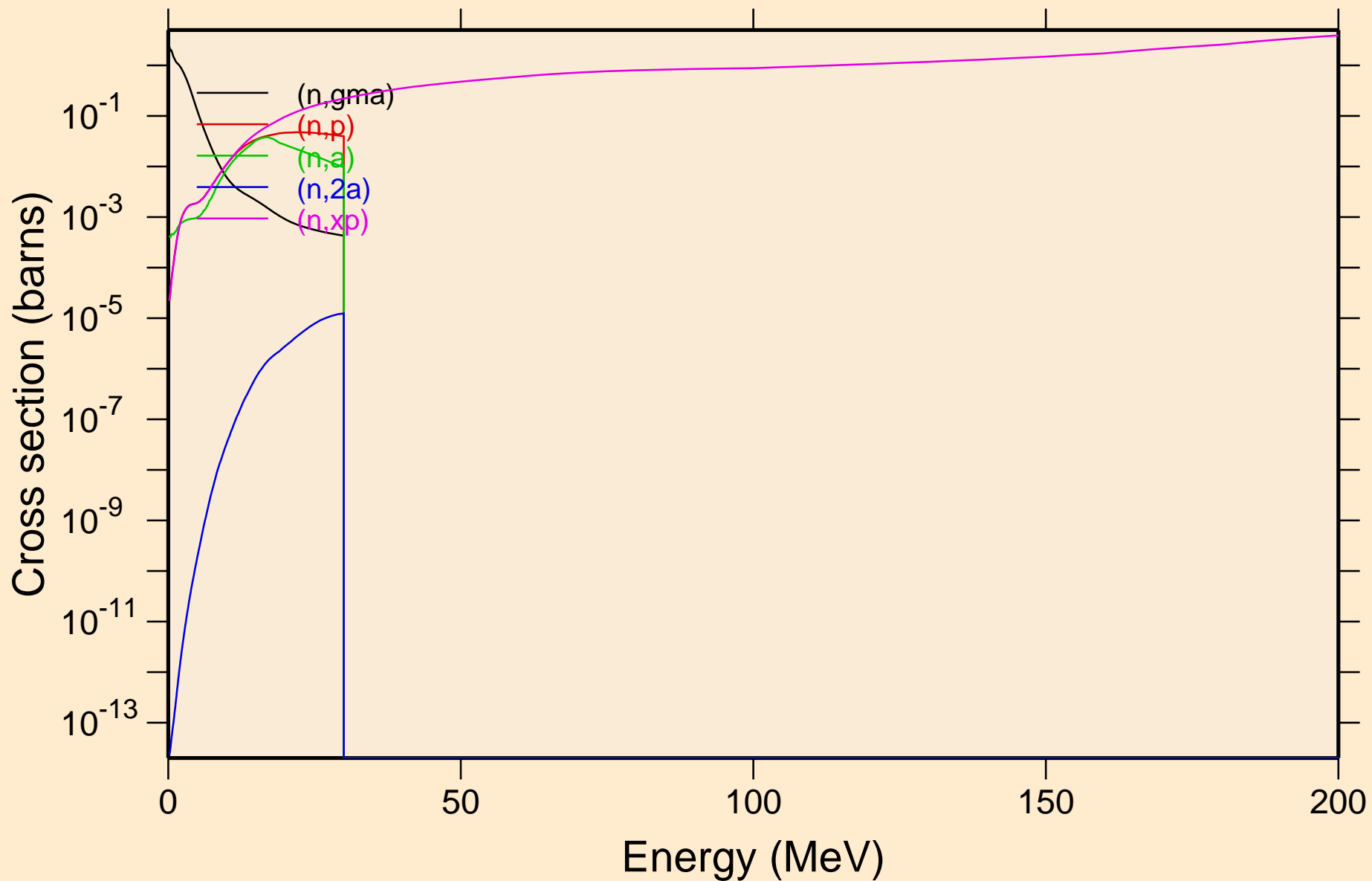
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



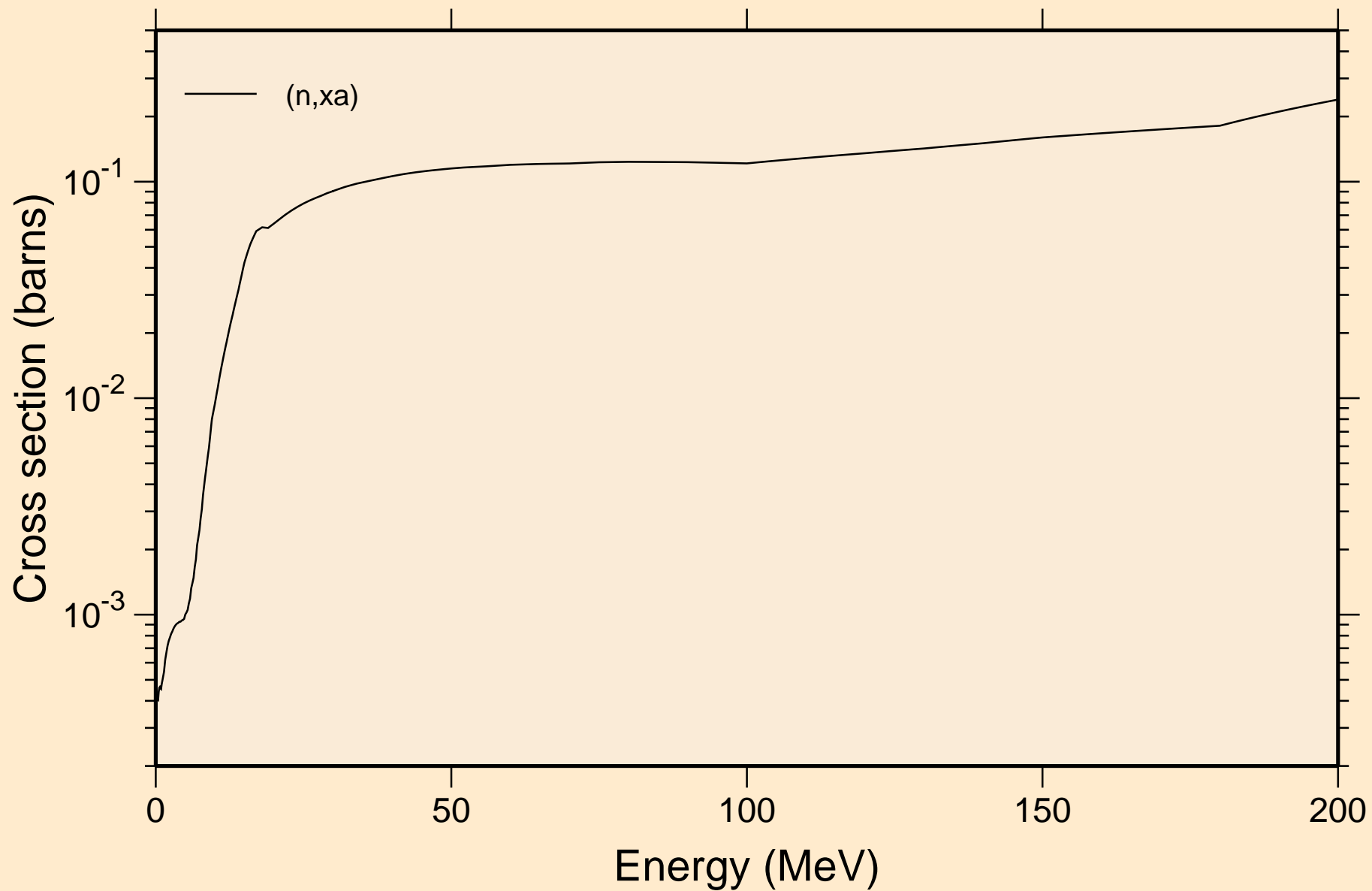
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Damage



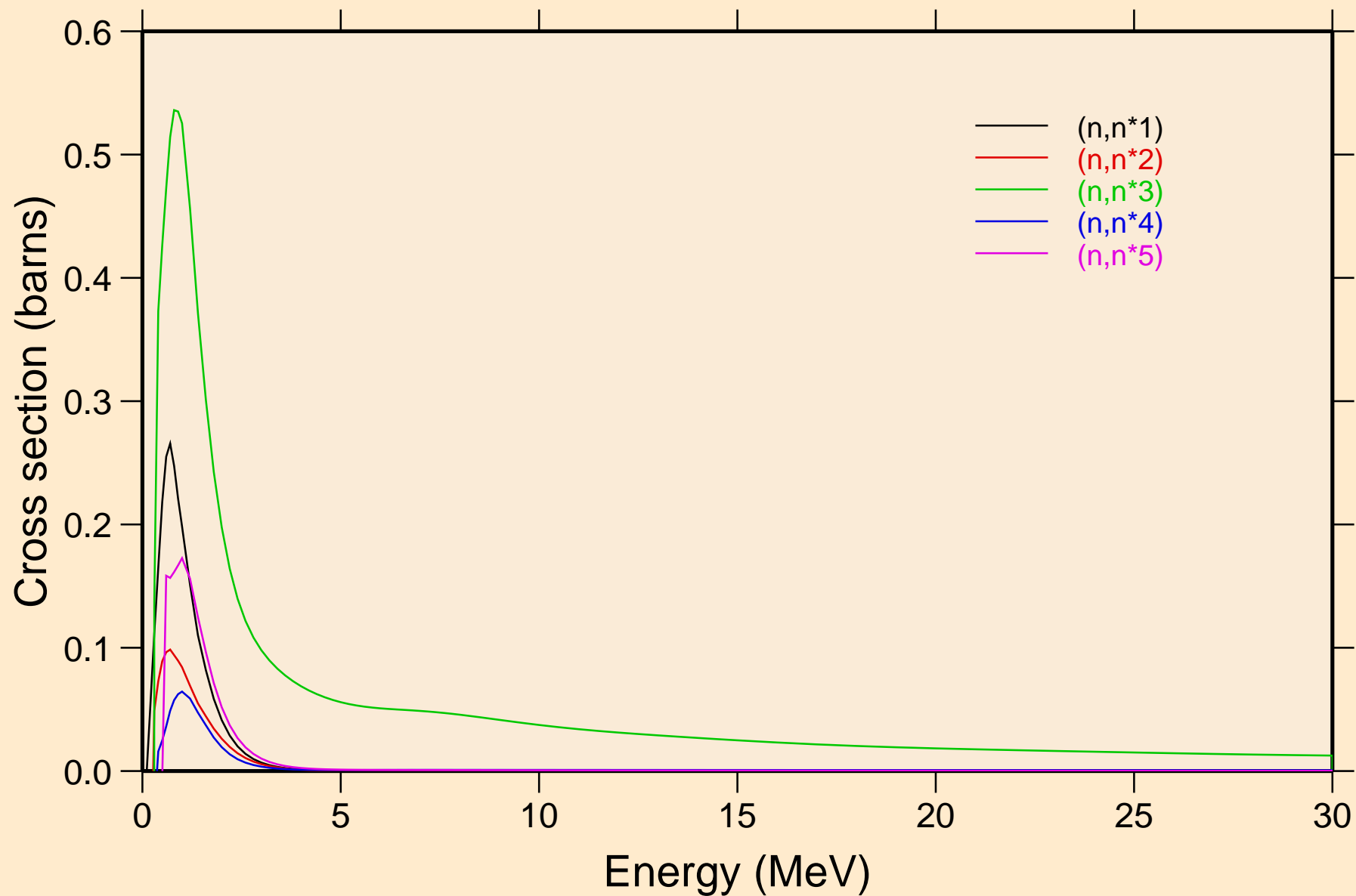
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



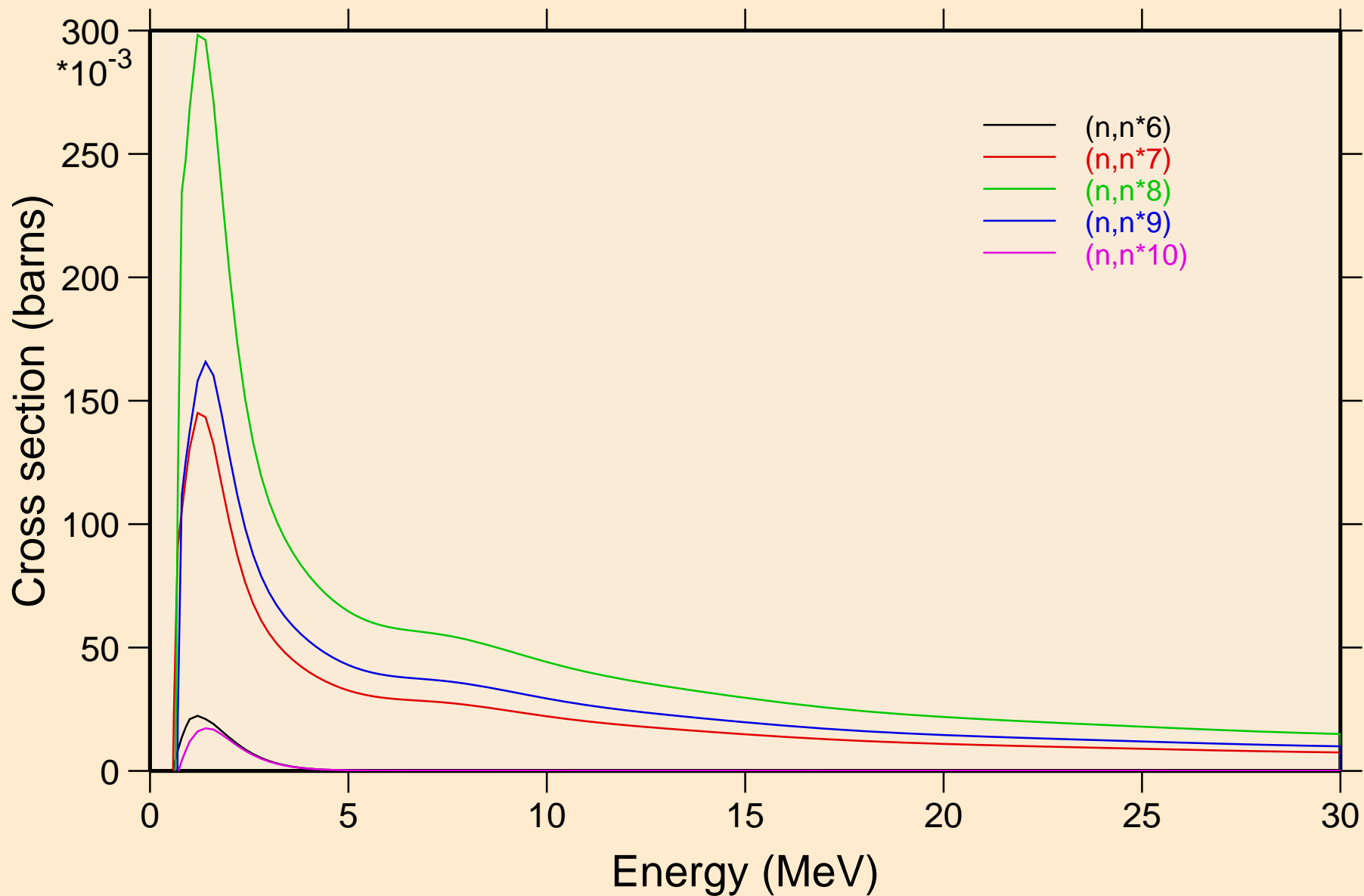
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



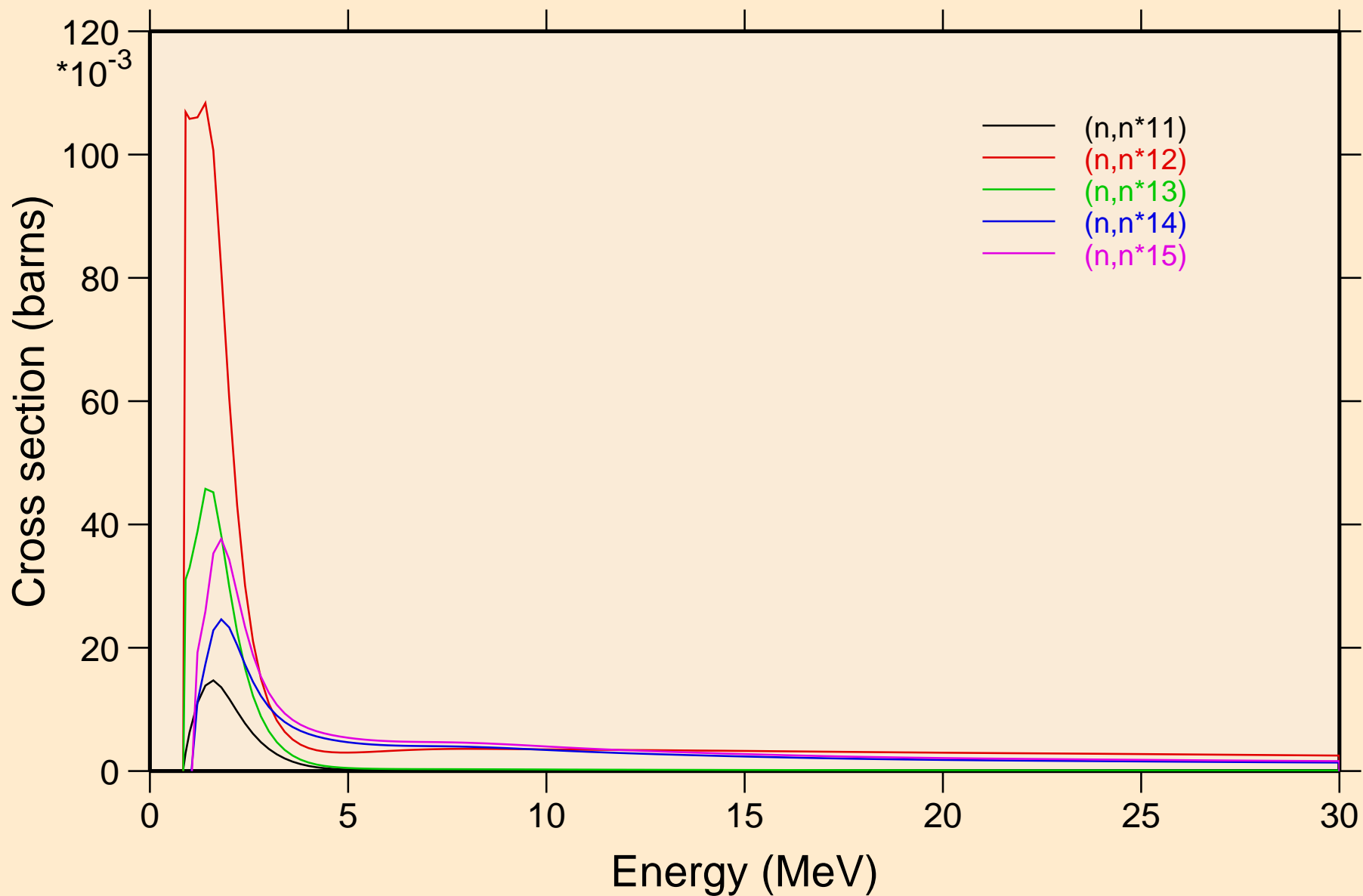
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



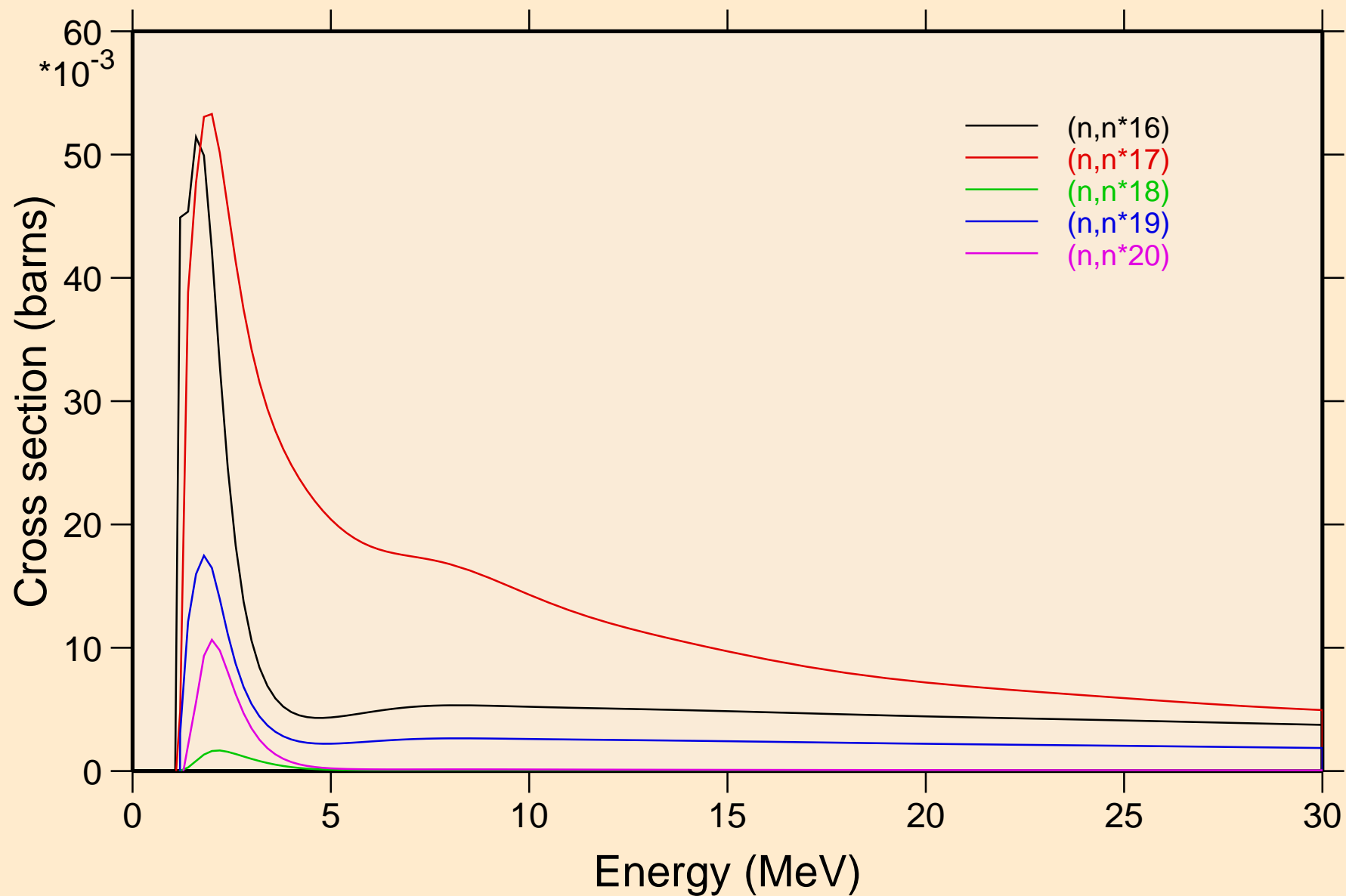
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

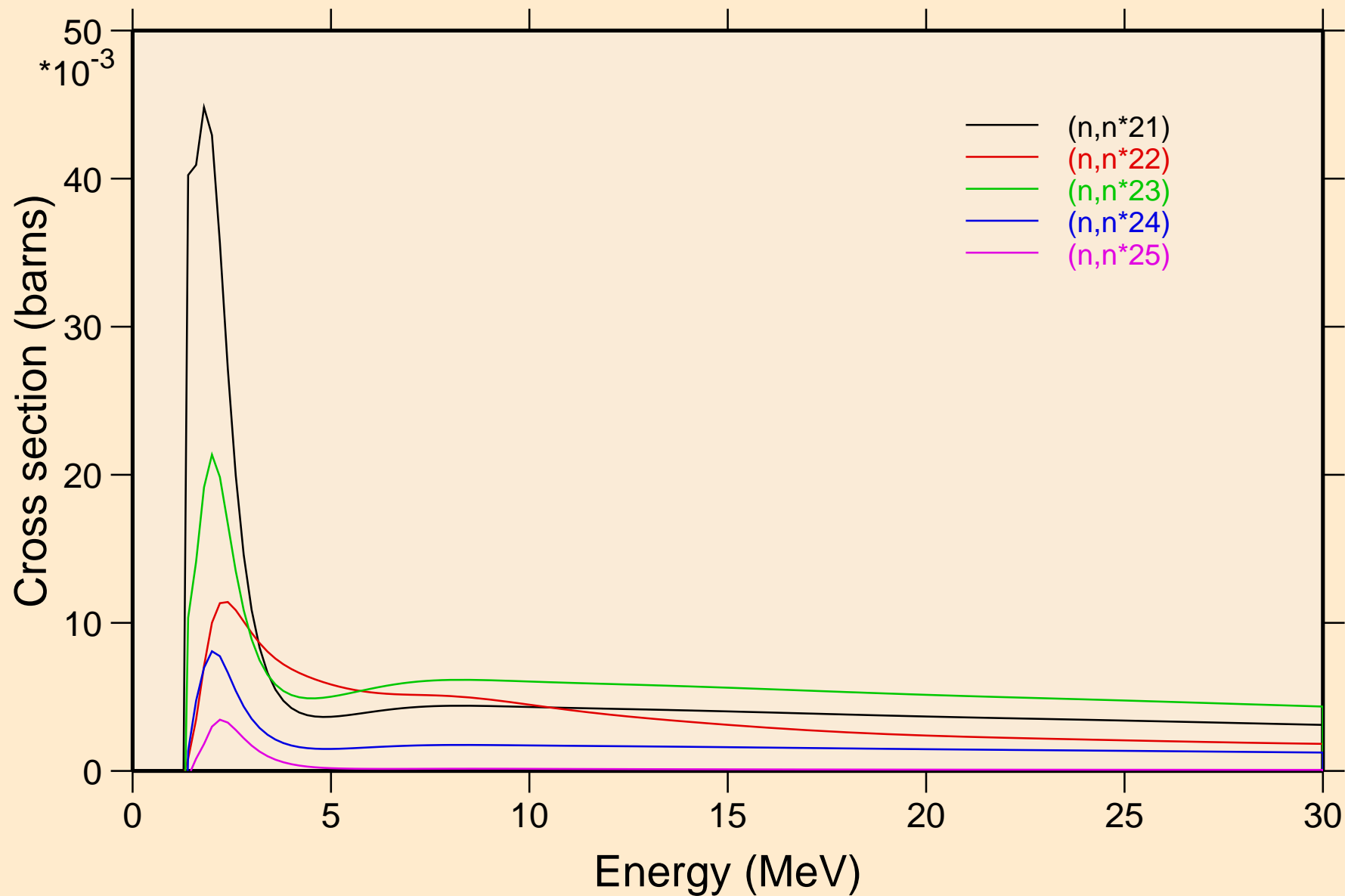


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

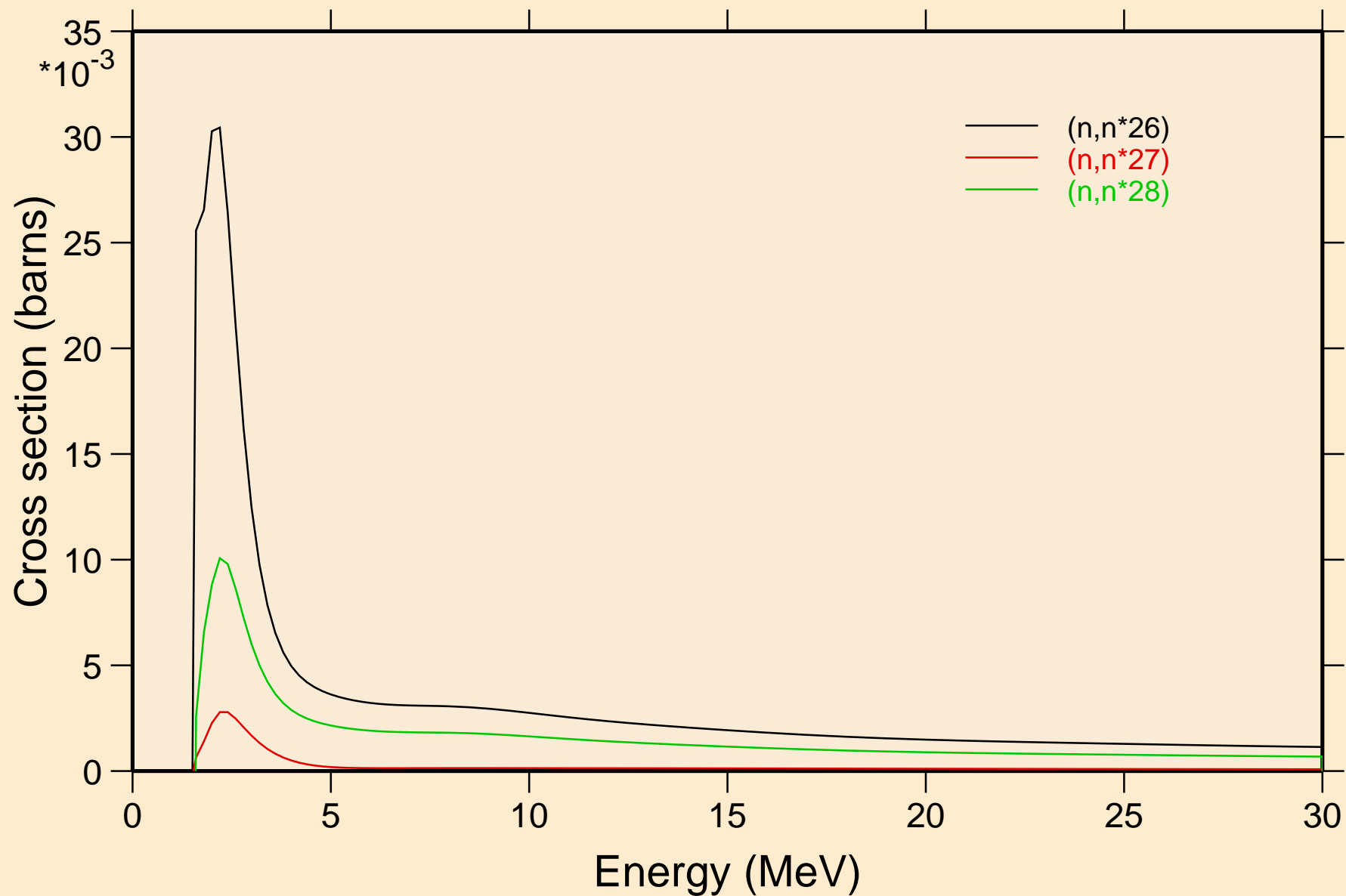




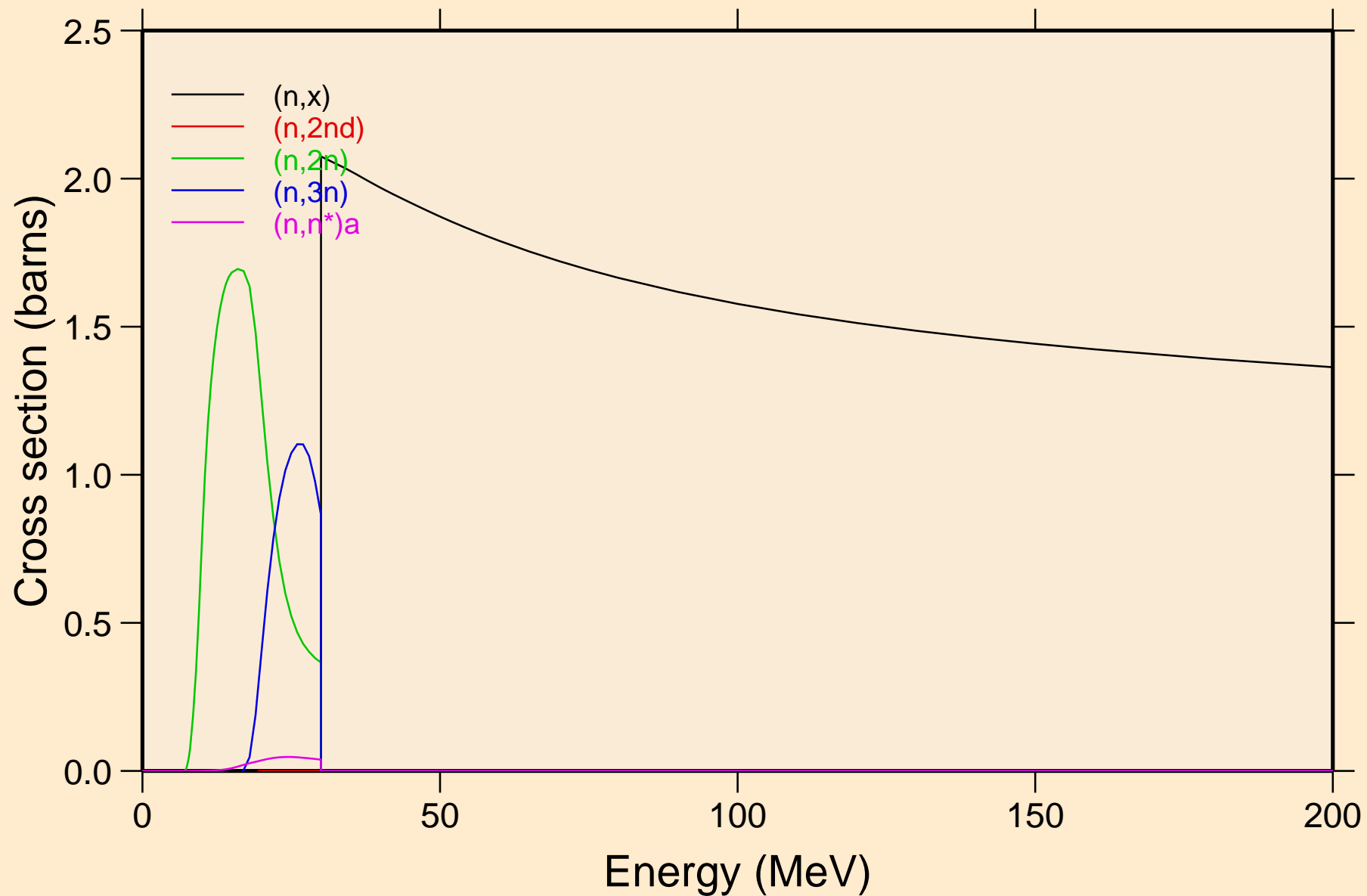
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Inelastic levels



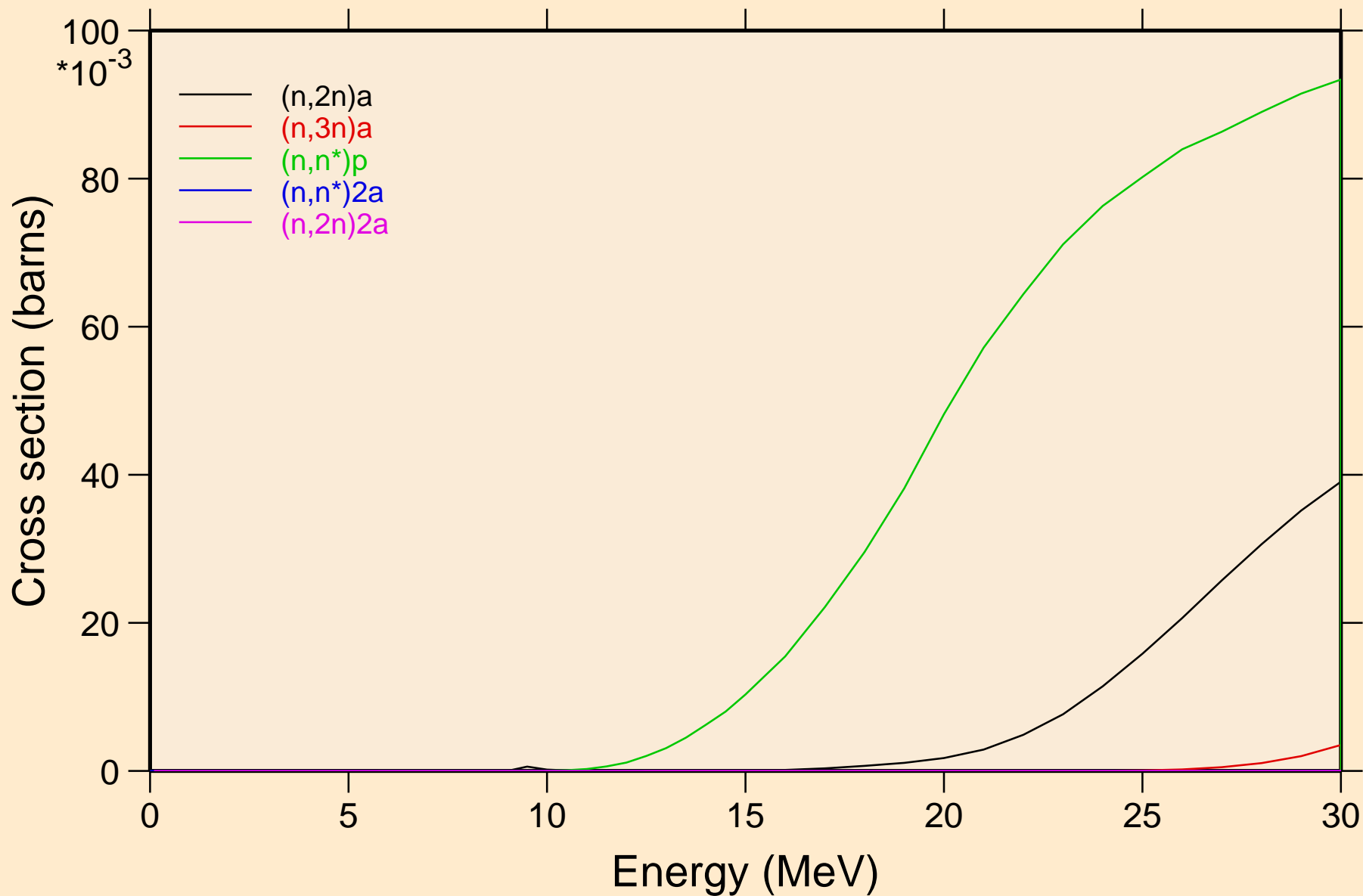
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



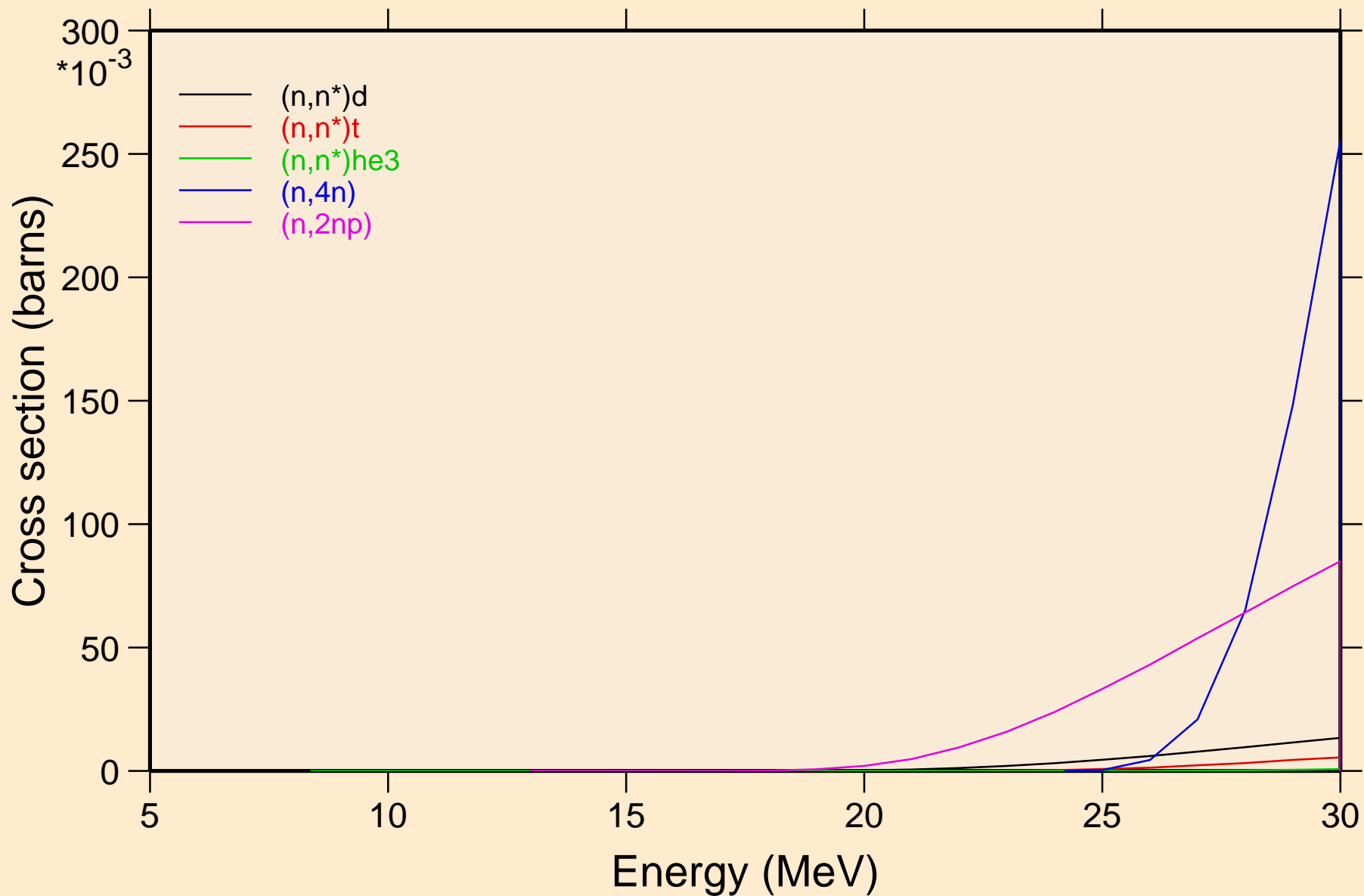
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Threshold reactions



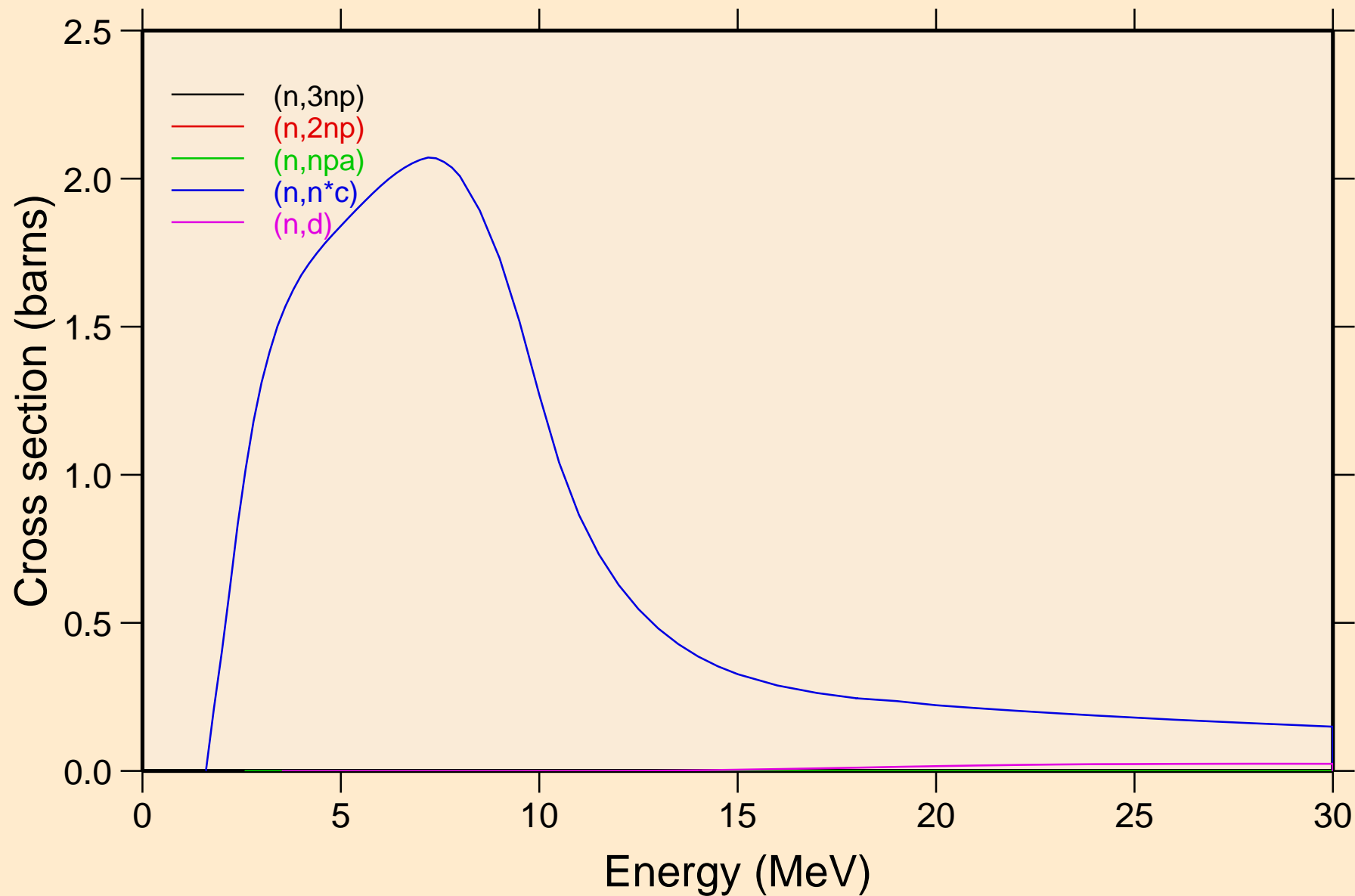
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



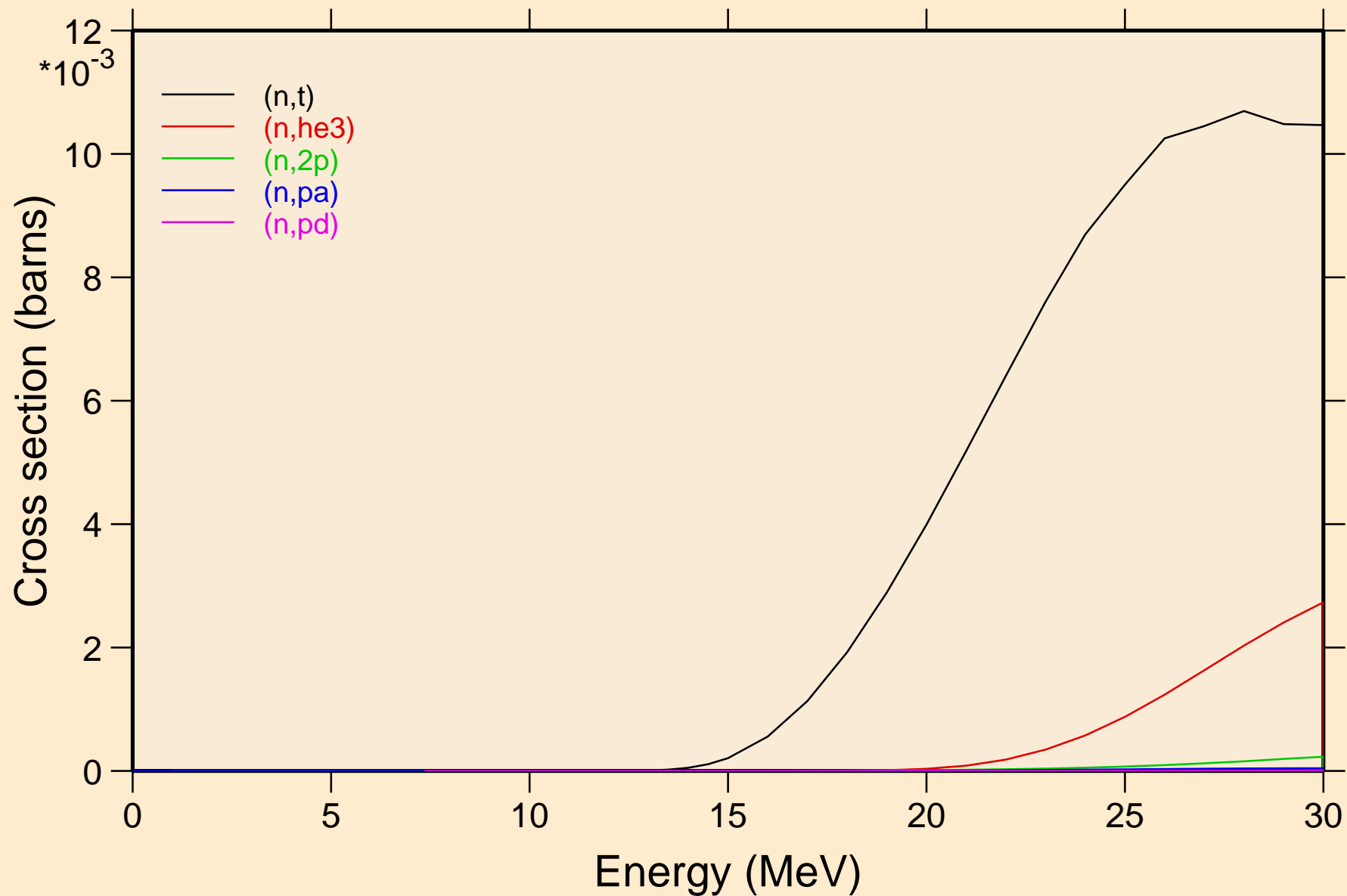
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



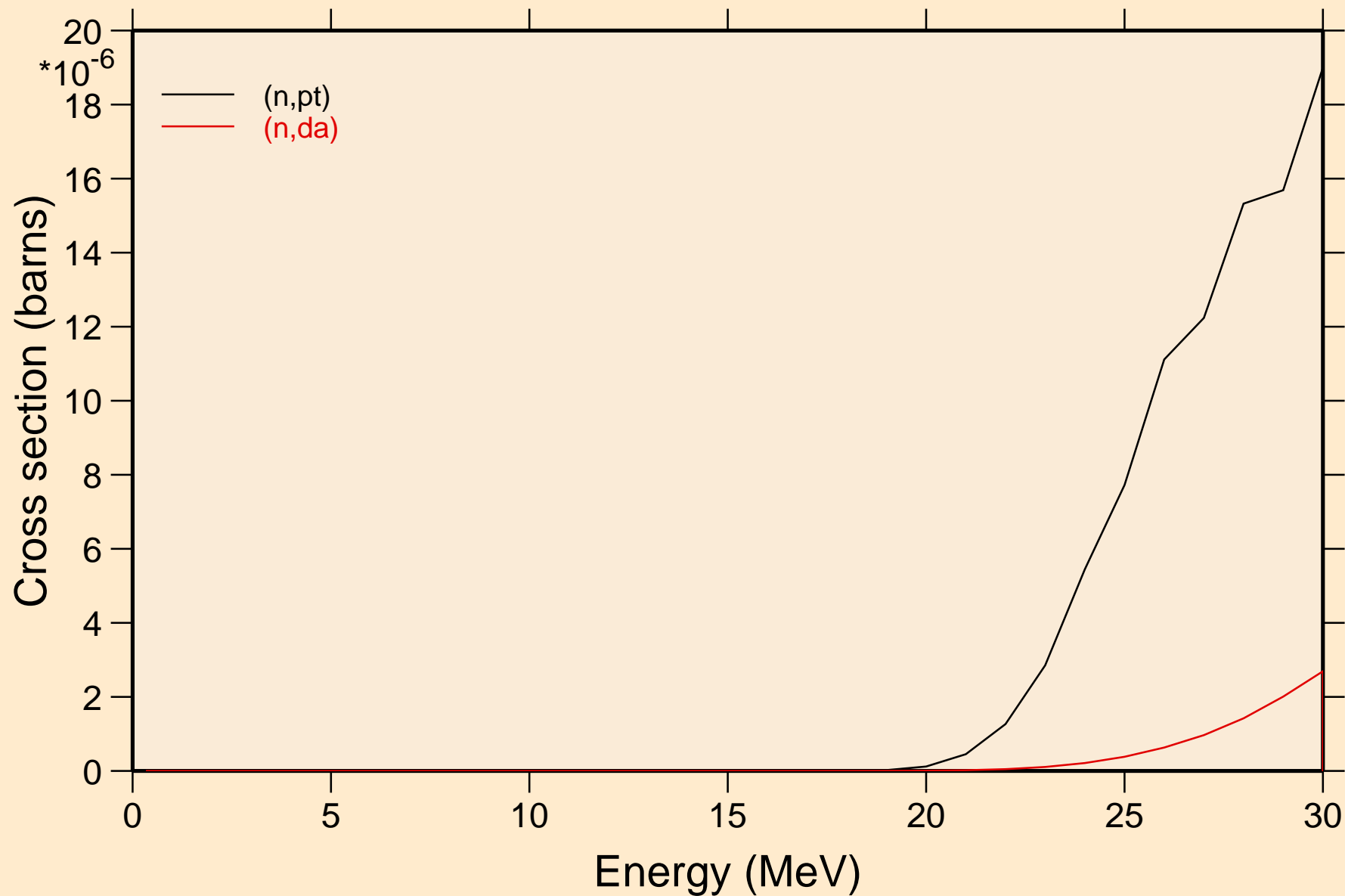
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

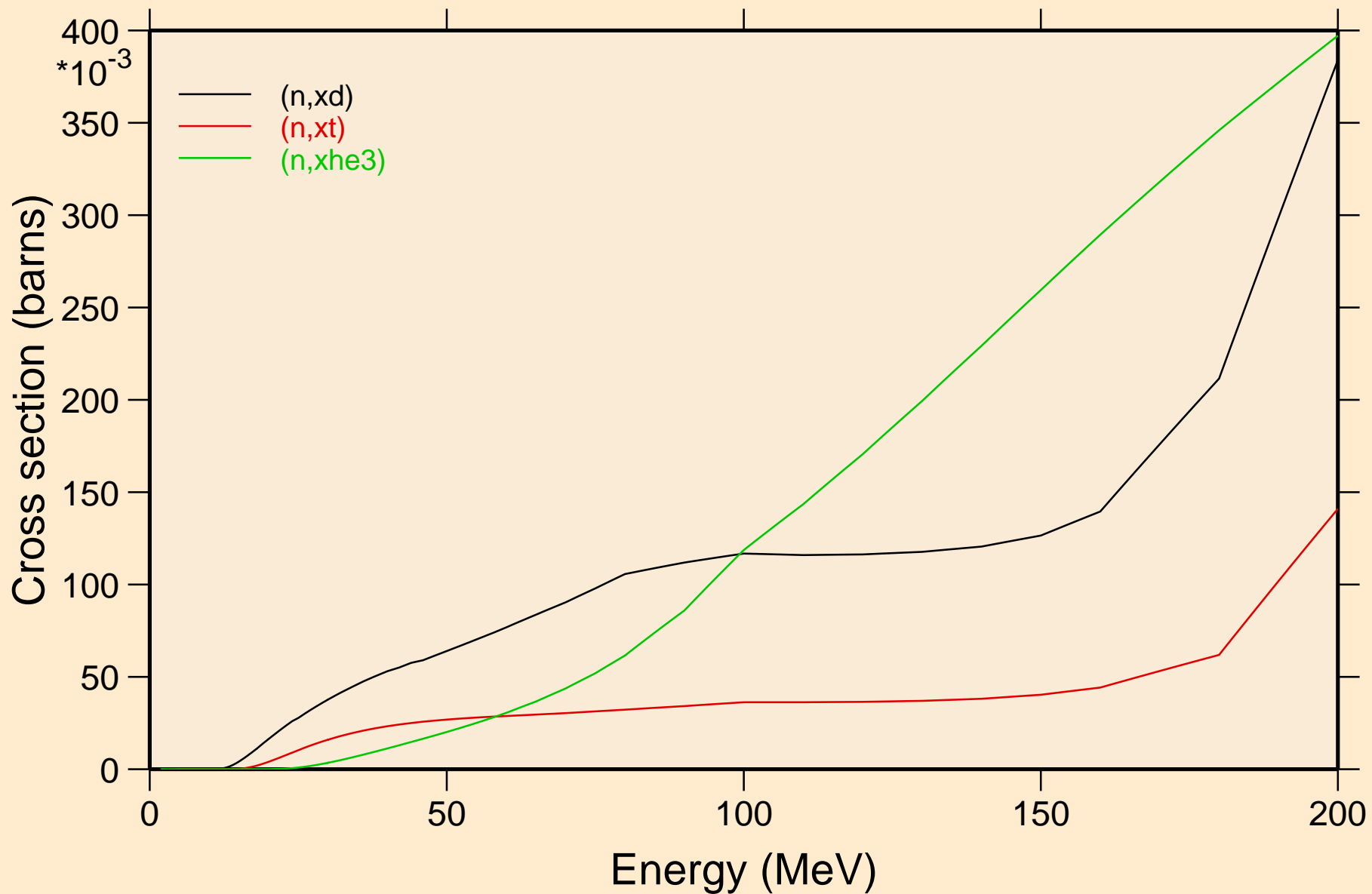


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

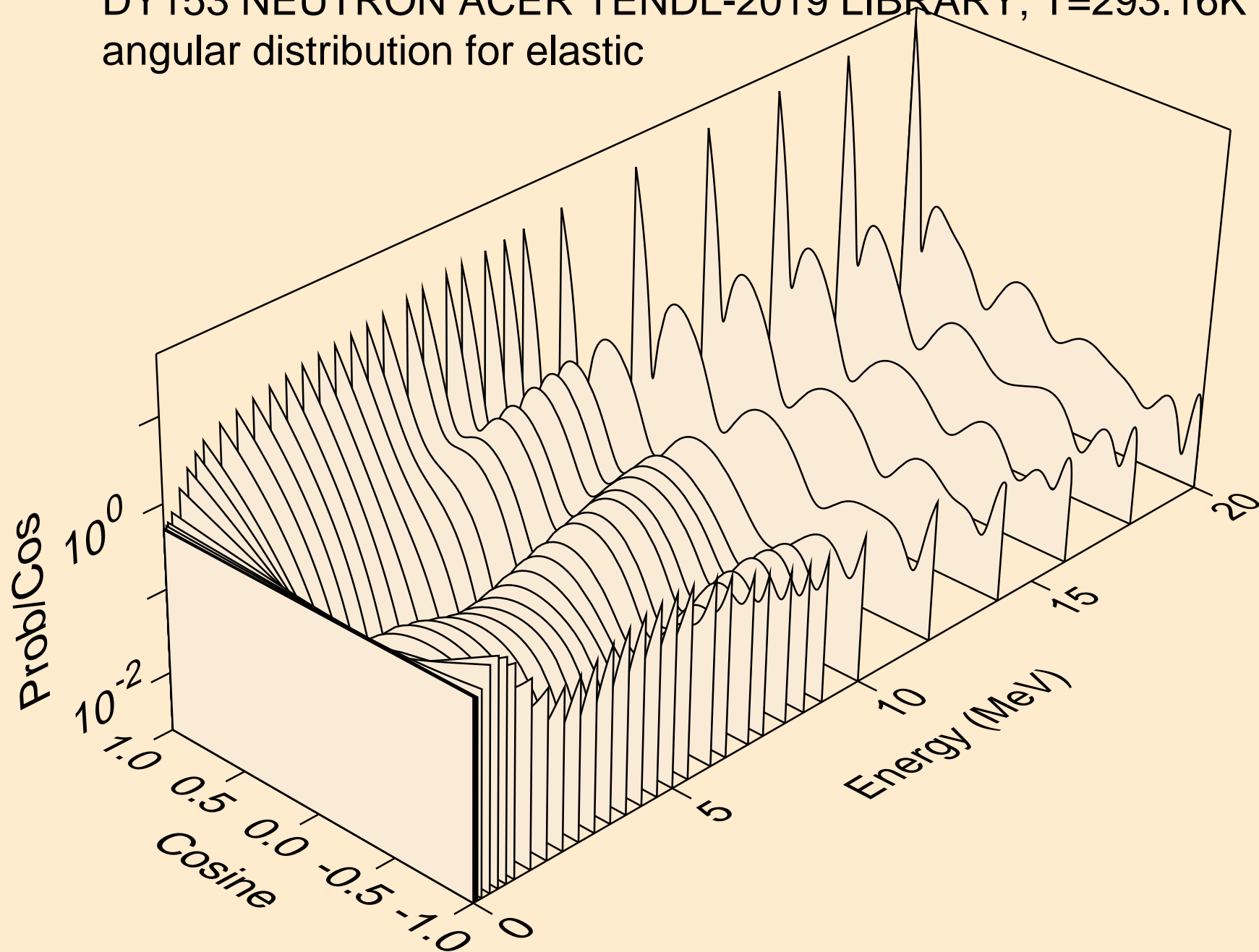




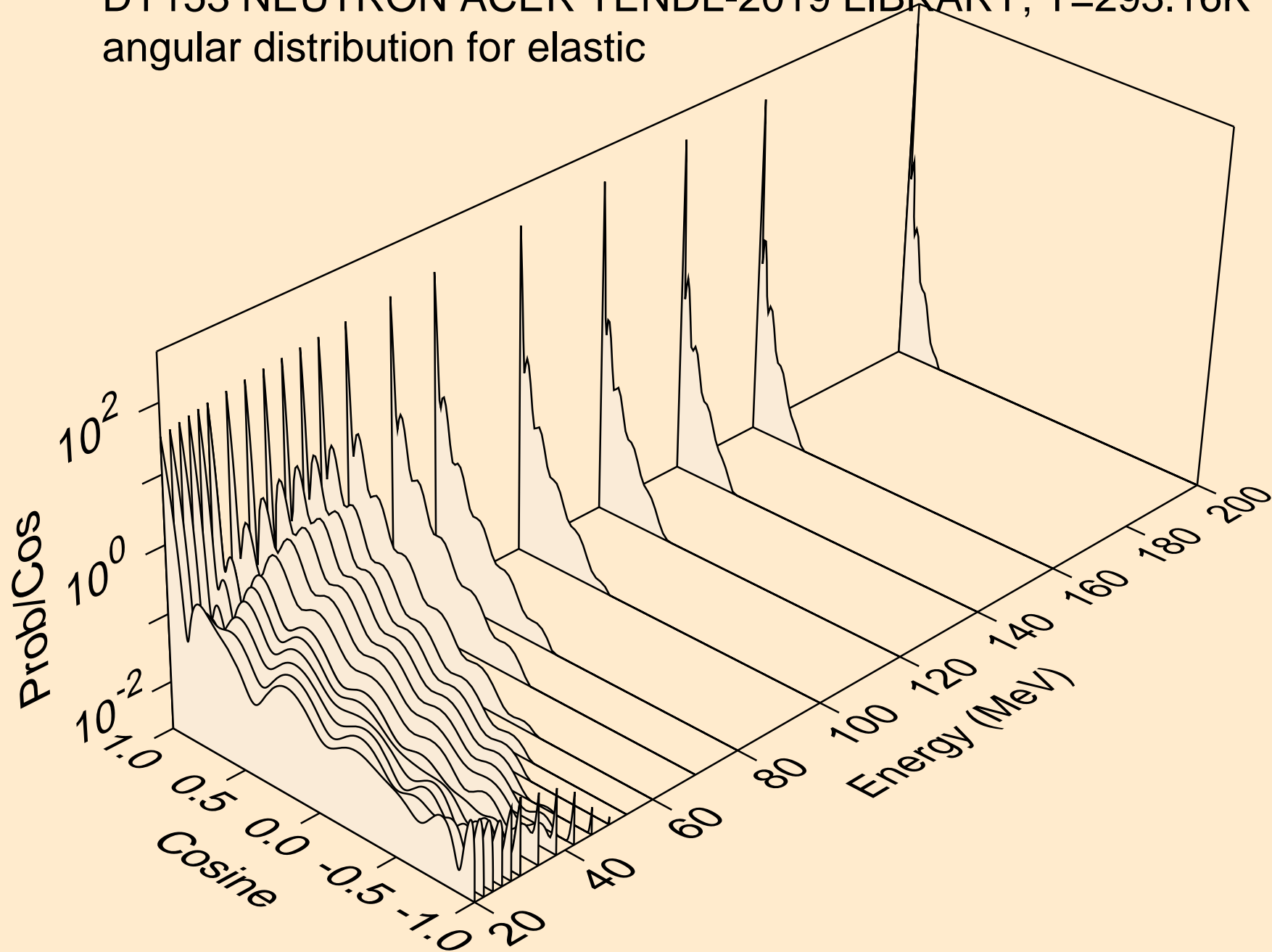
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



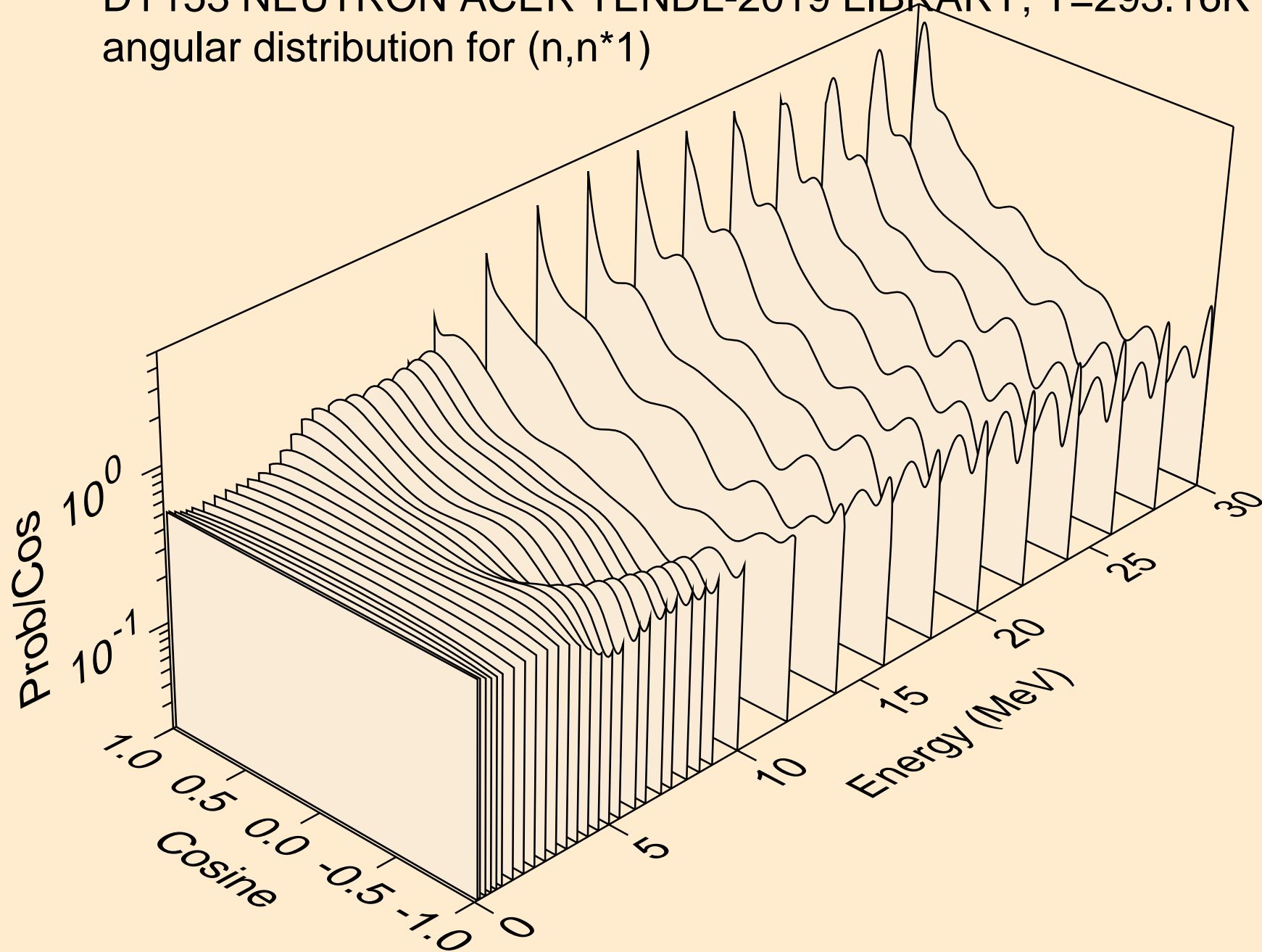
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



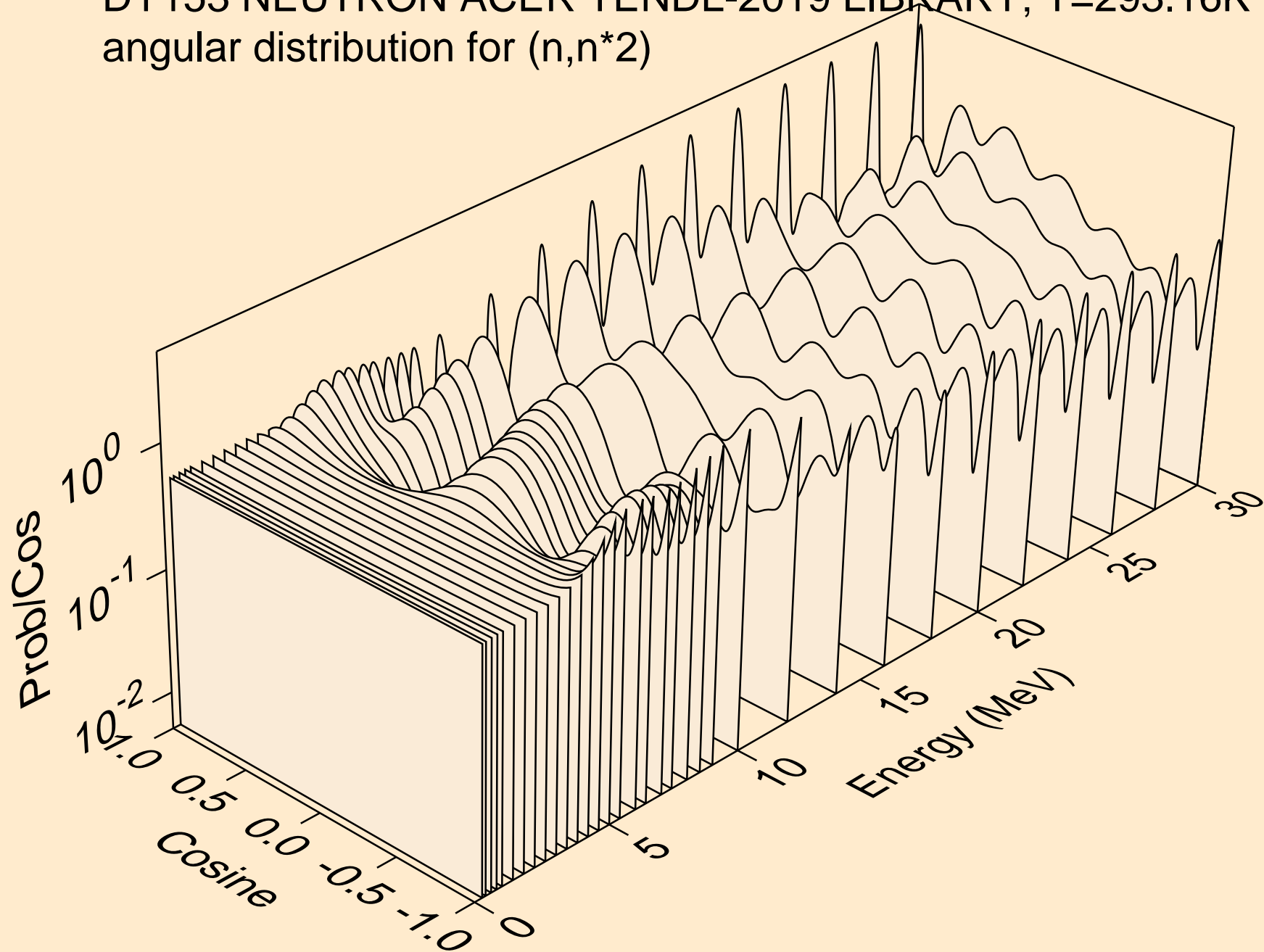
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angular distribution for elastic



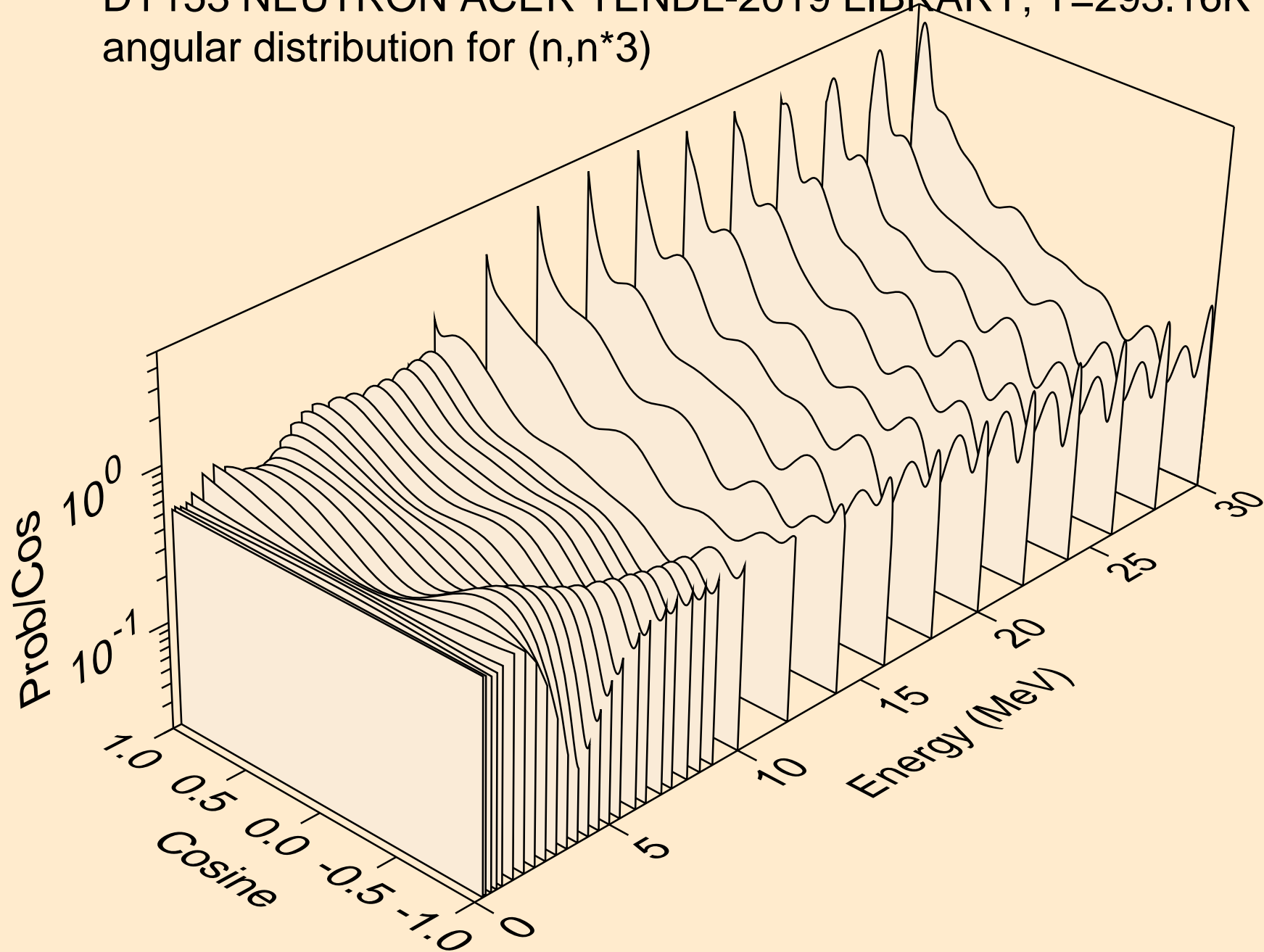
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



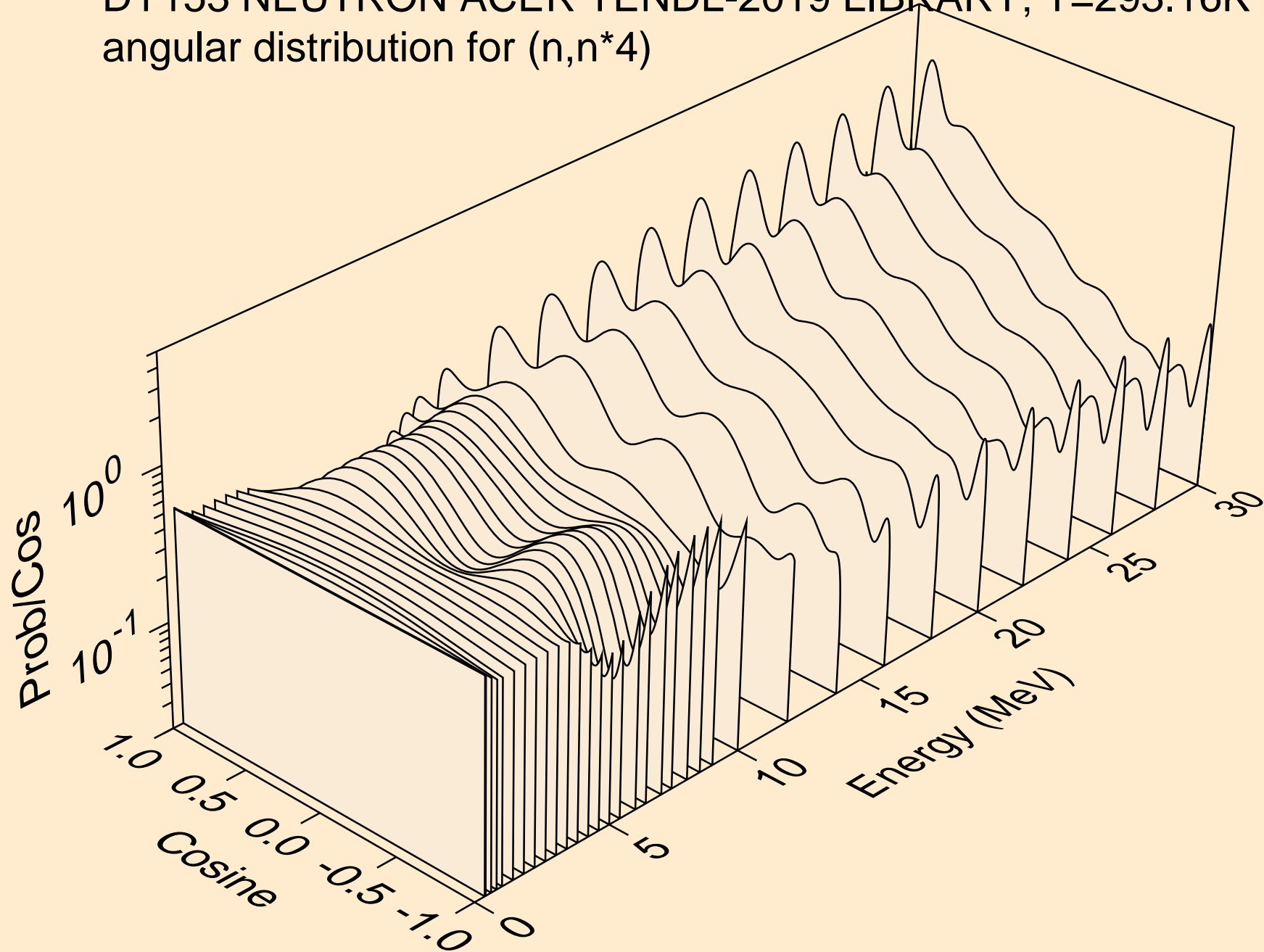
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angular distribution for (n,n\*2)



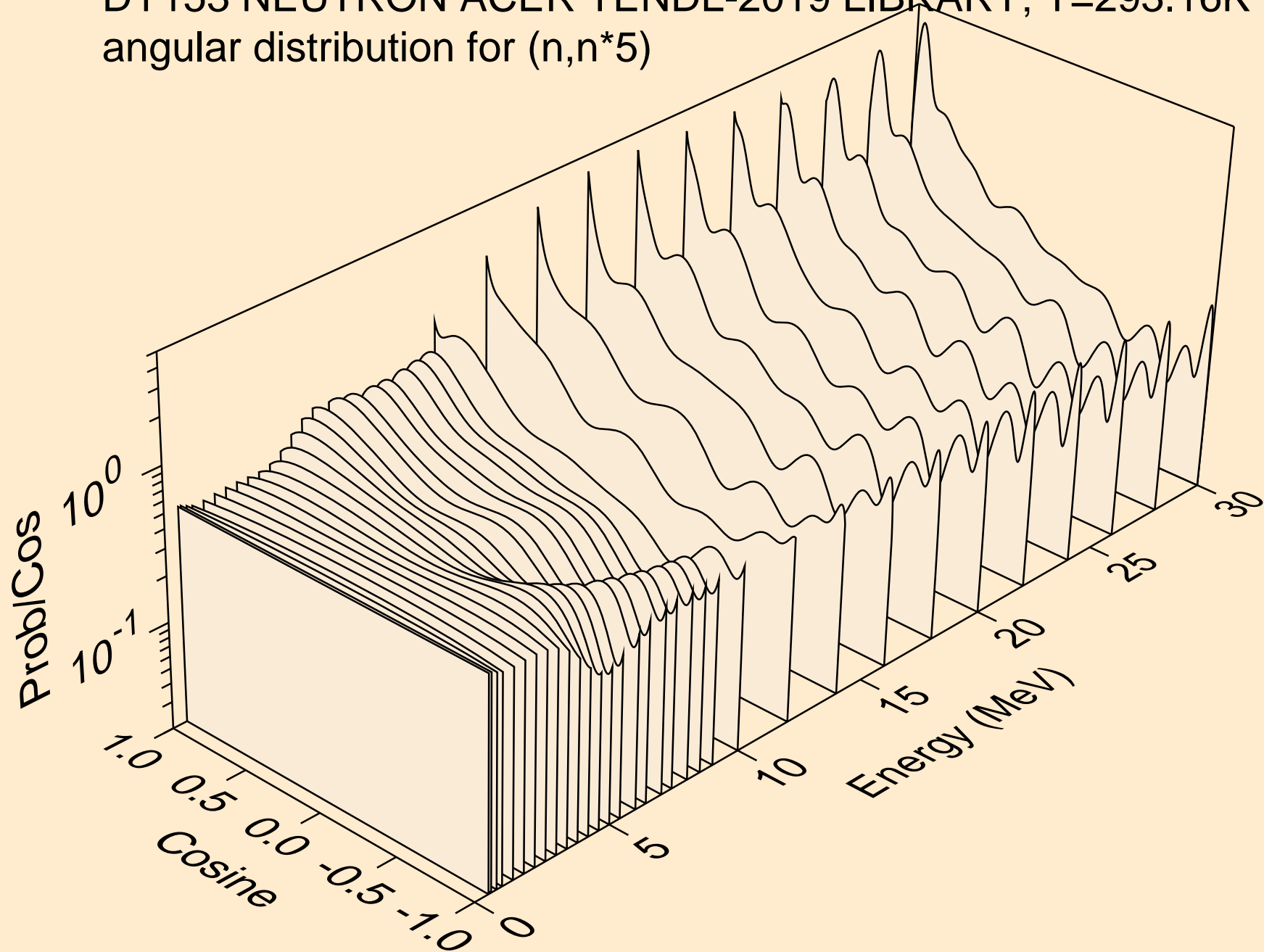
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)

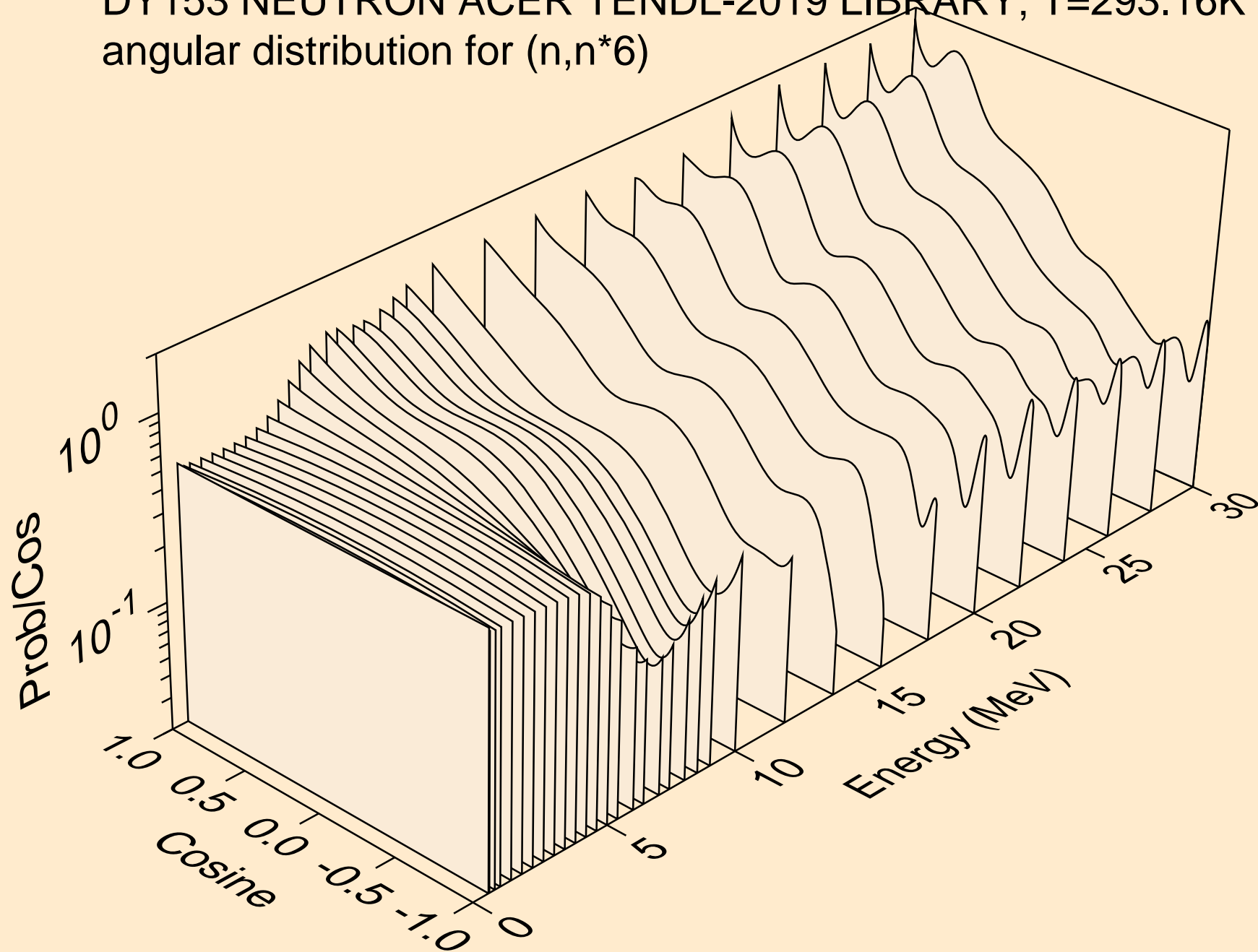


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)

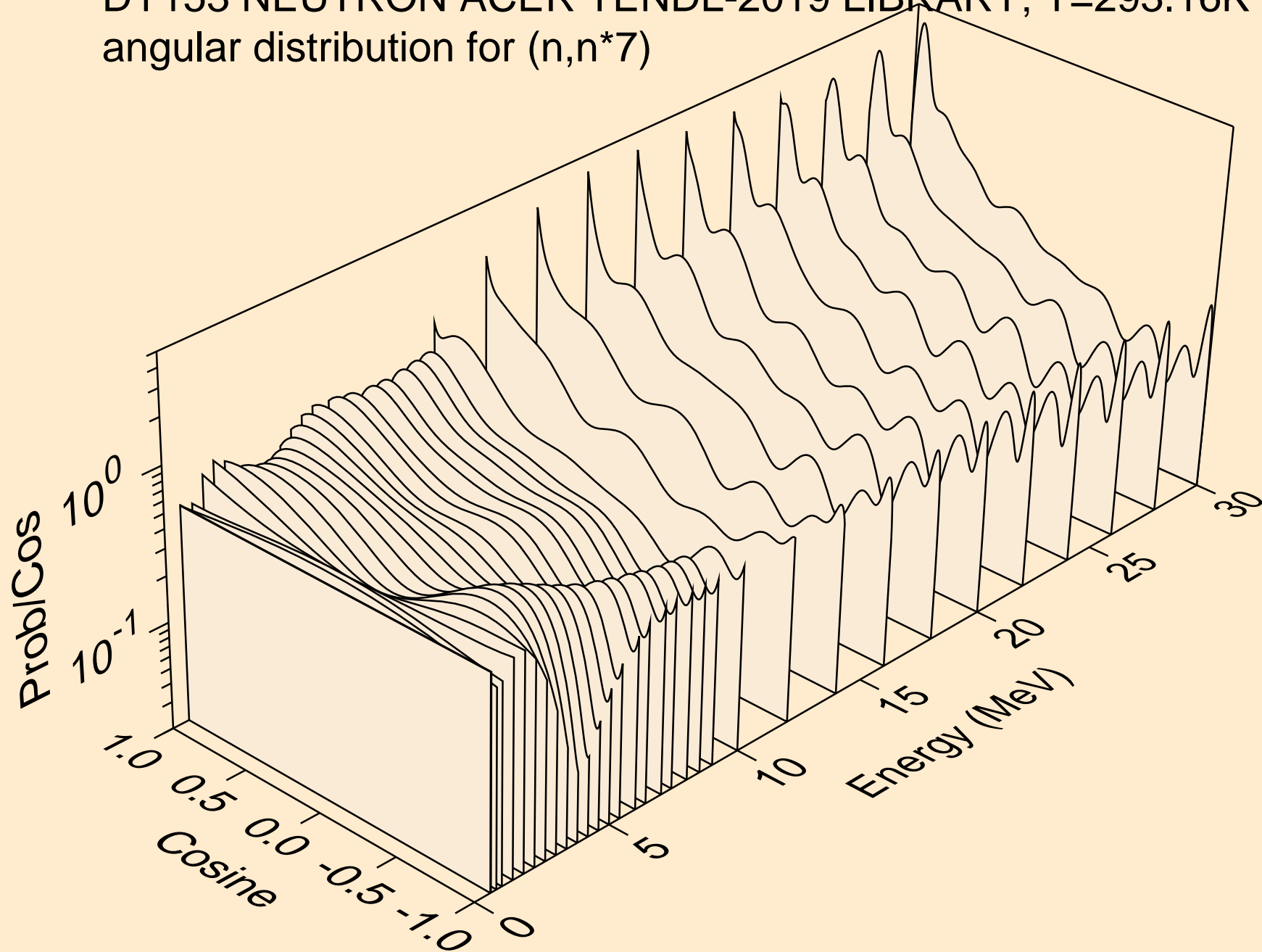




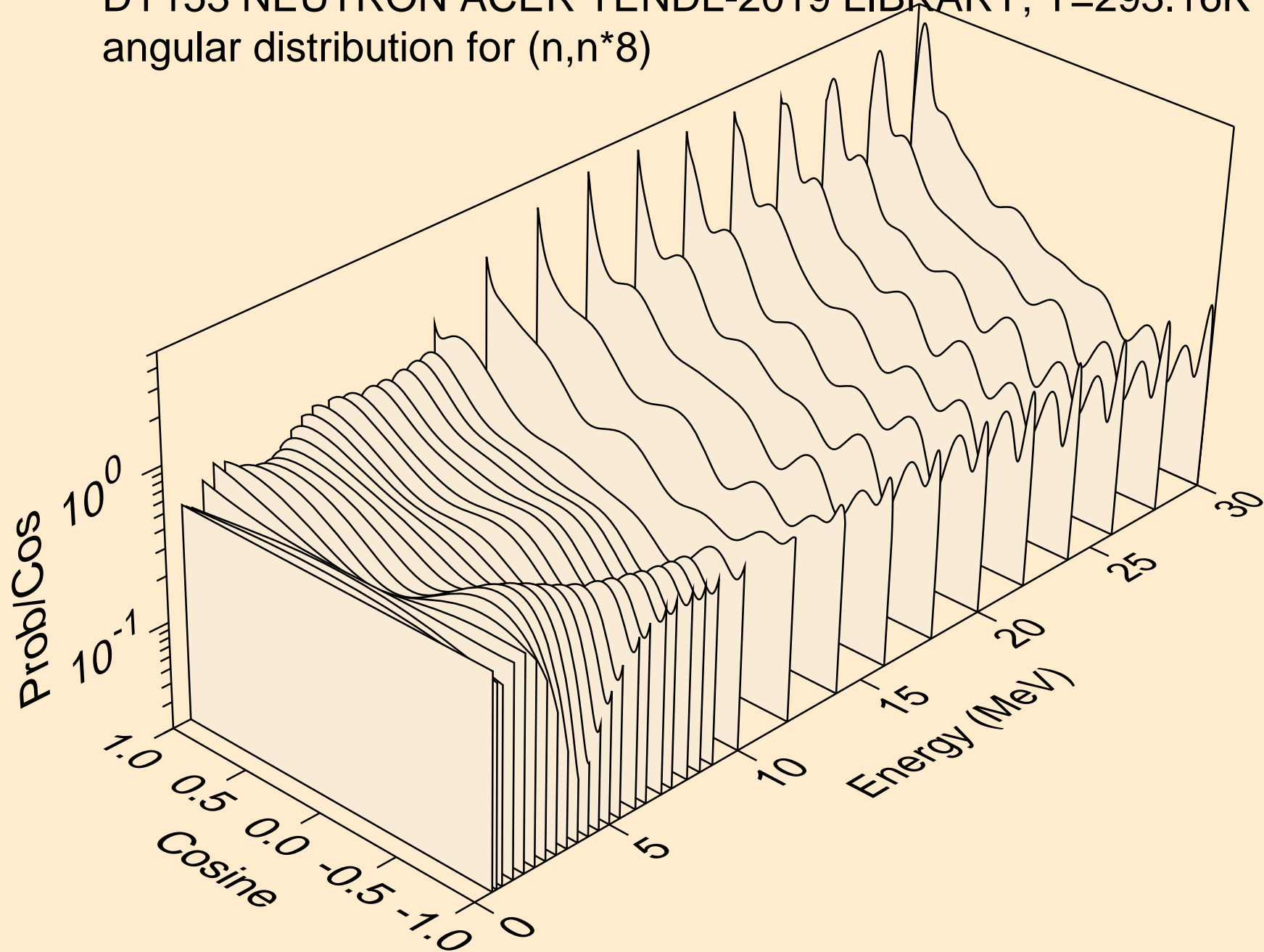
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angular distribution for (n,n\*6)



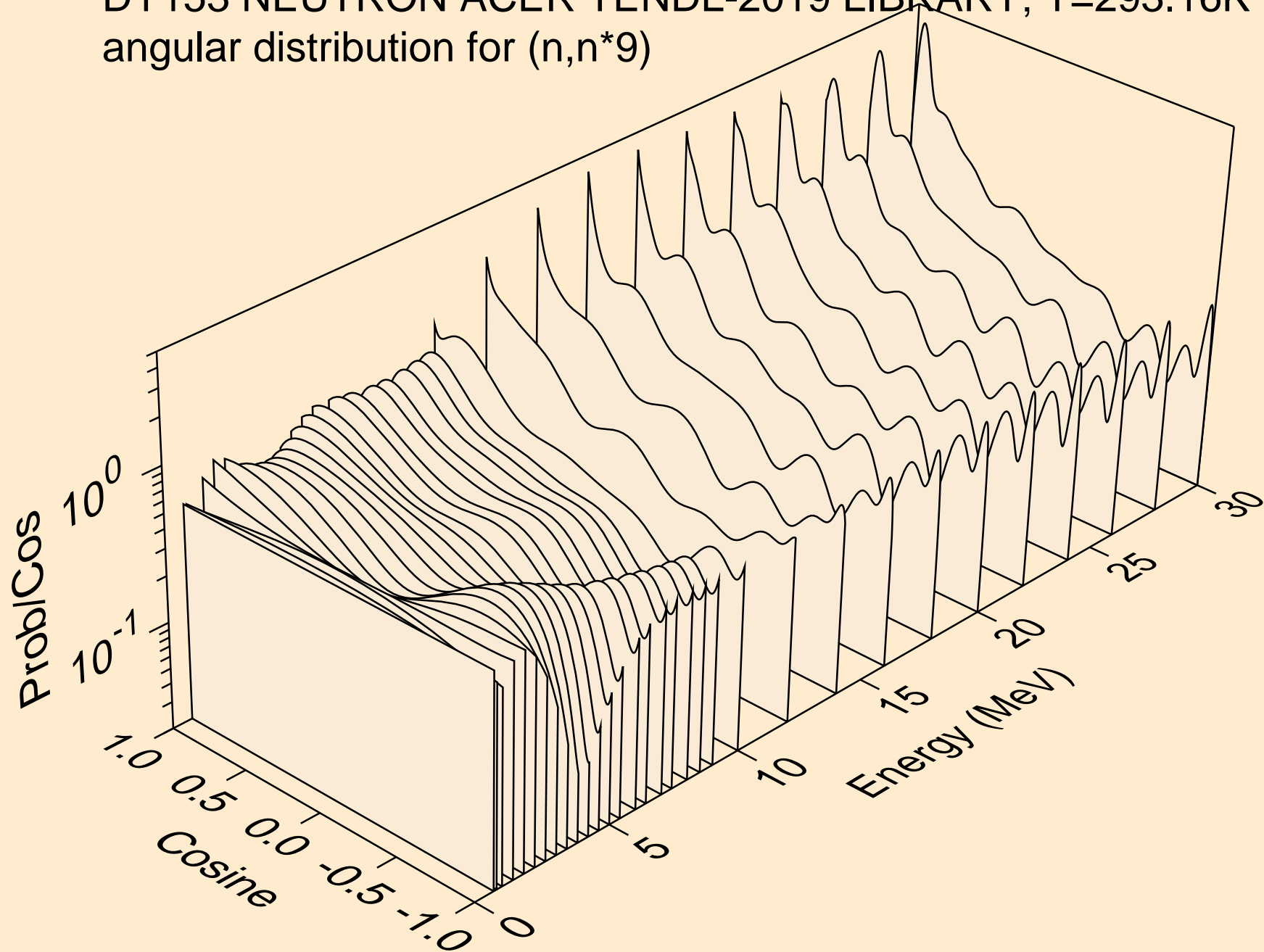
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angular distribution for (n,n\*7)



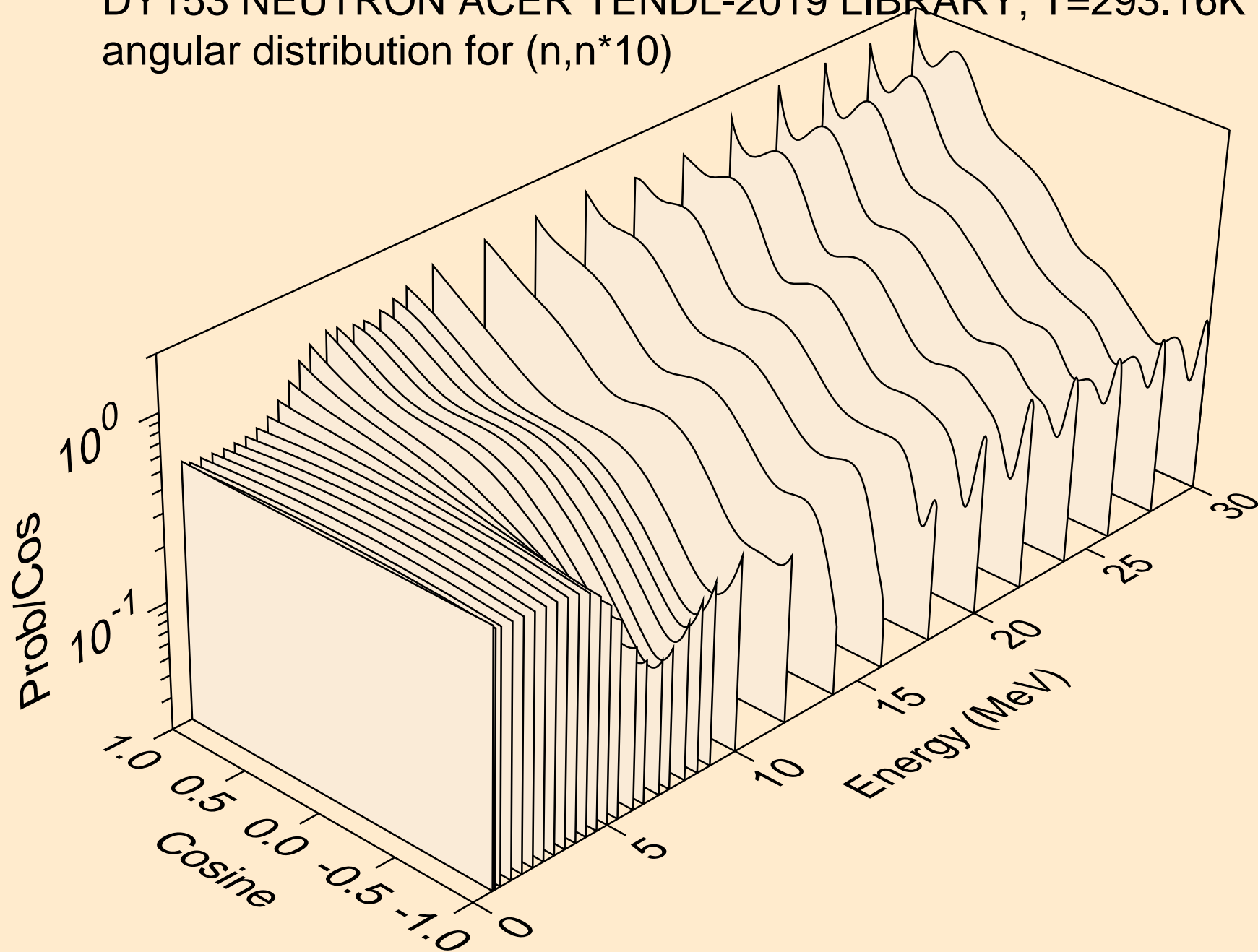
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angular distribution for (n,n\*8)



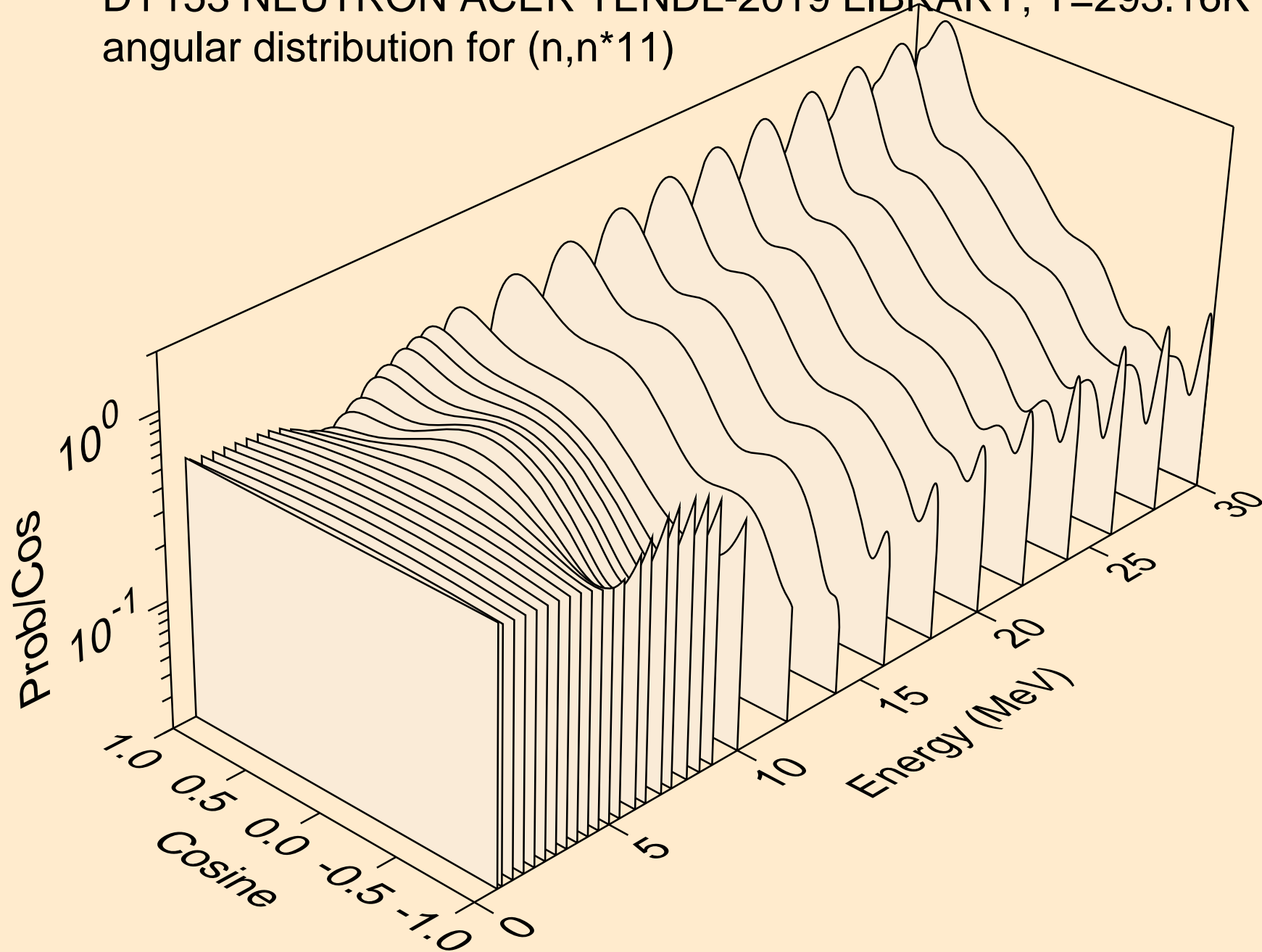
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angular distribution for (n,n\*9)



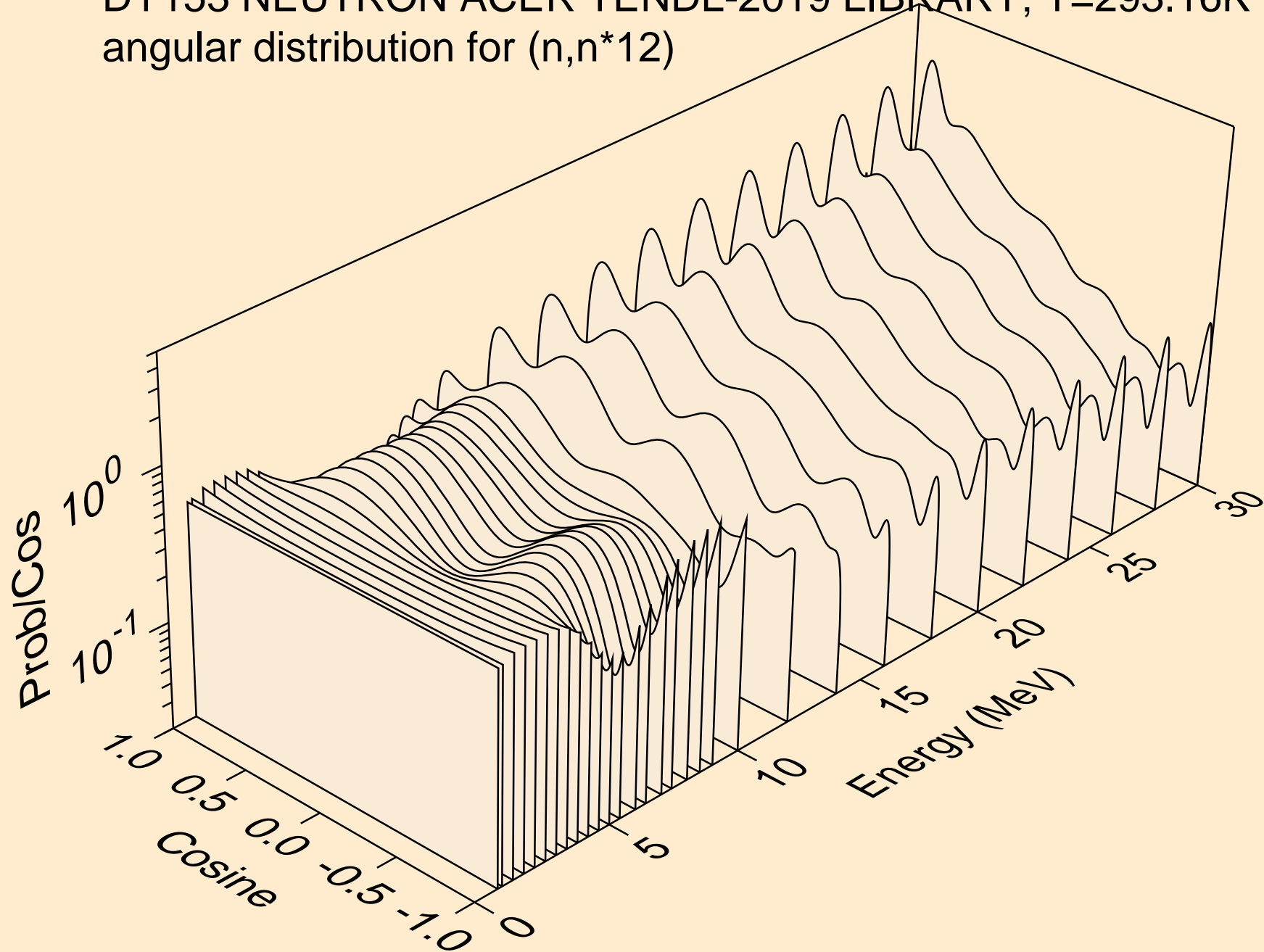
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angular distribution for (n,n\*10)



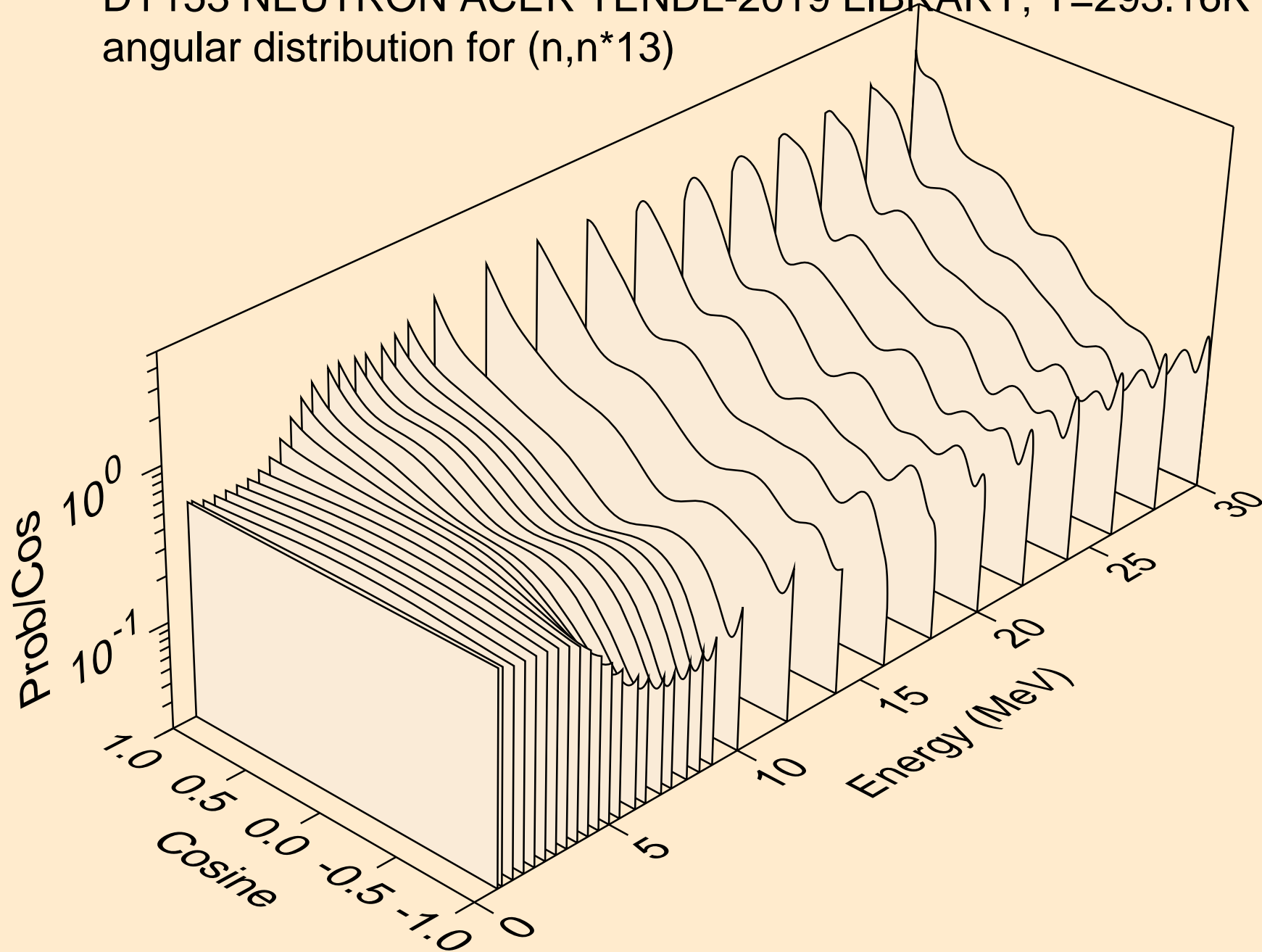
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)

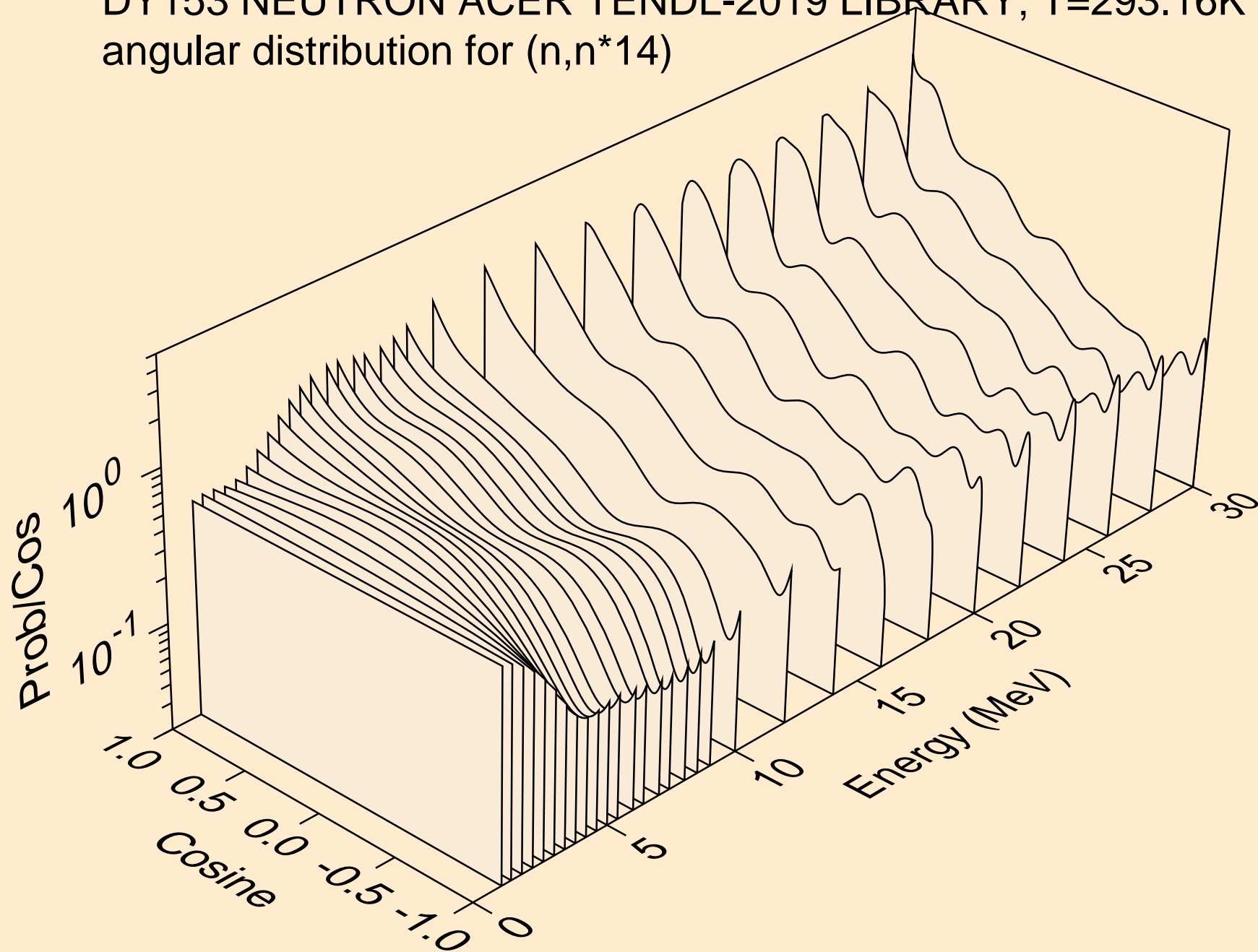


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)

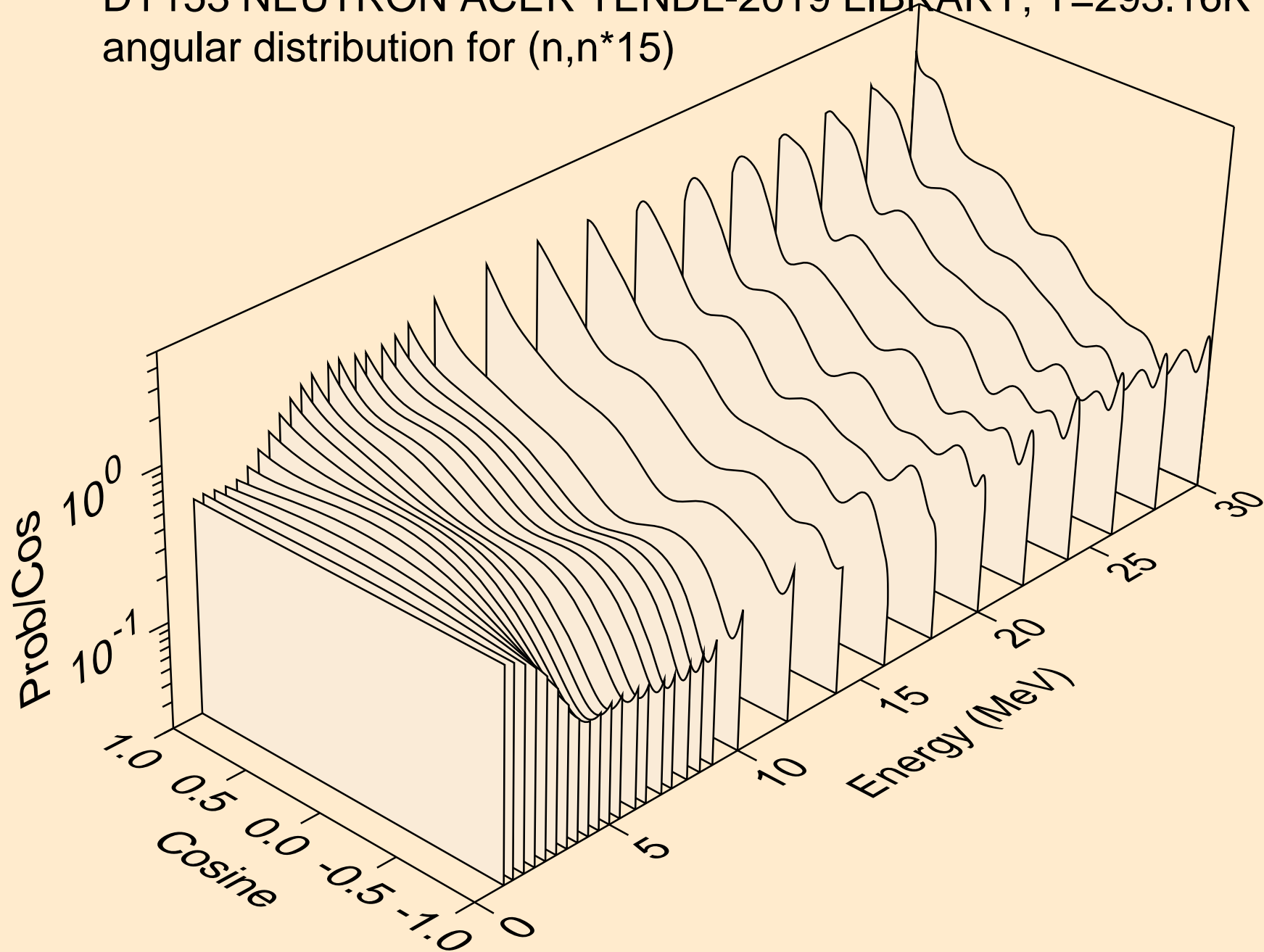




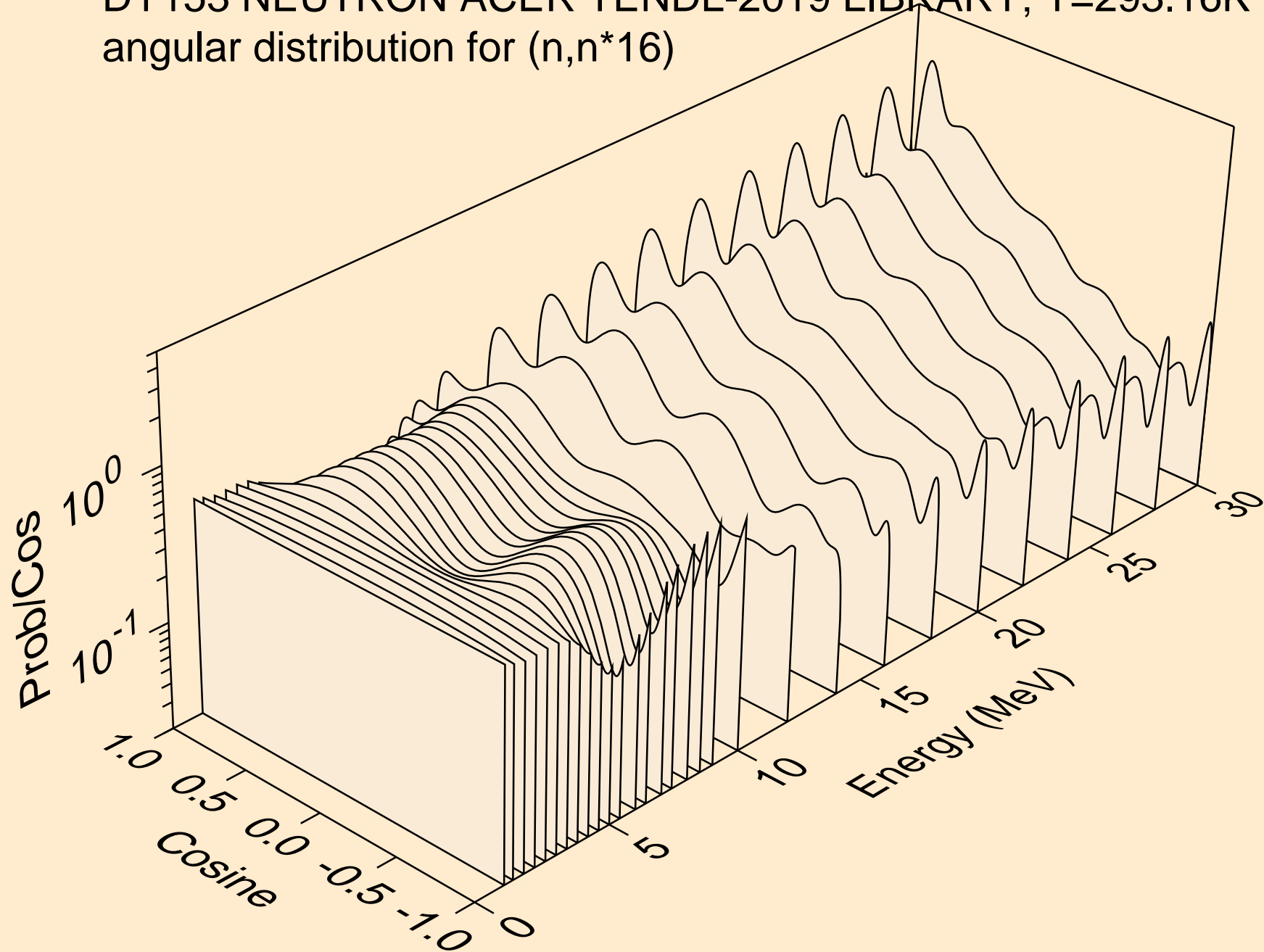
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angular distribution for (n,n\*14)



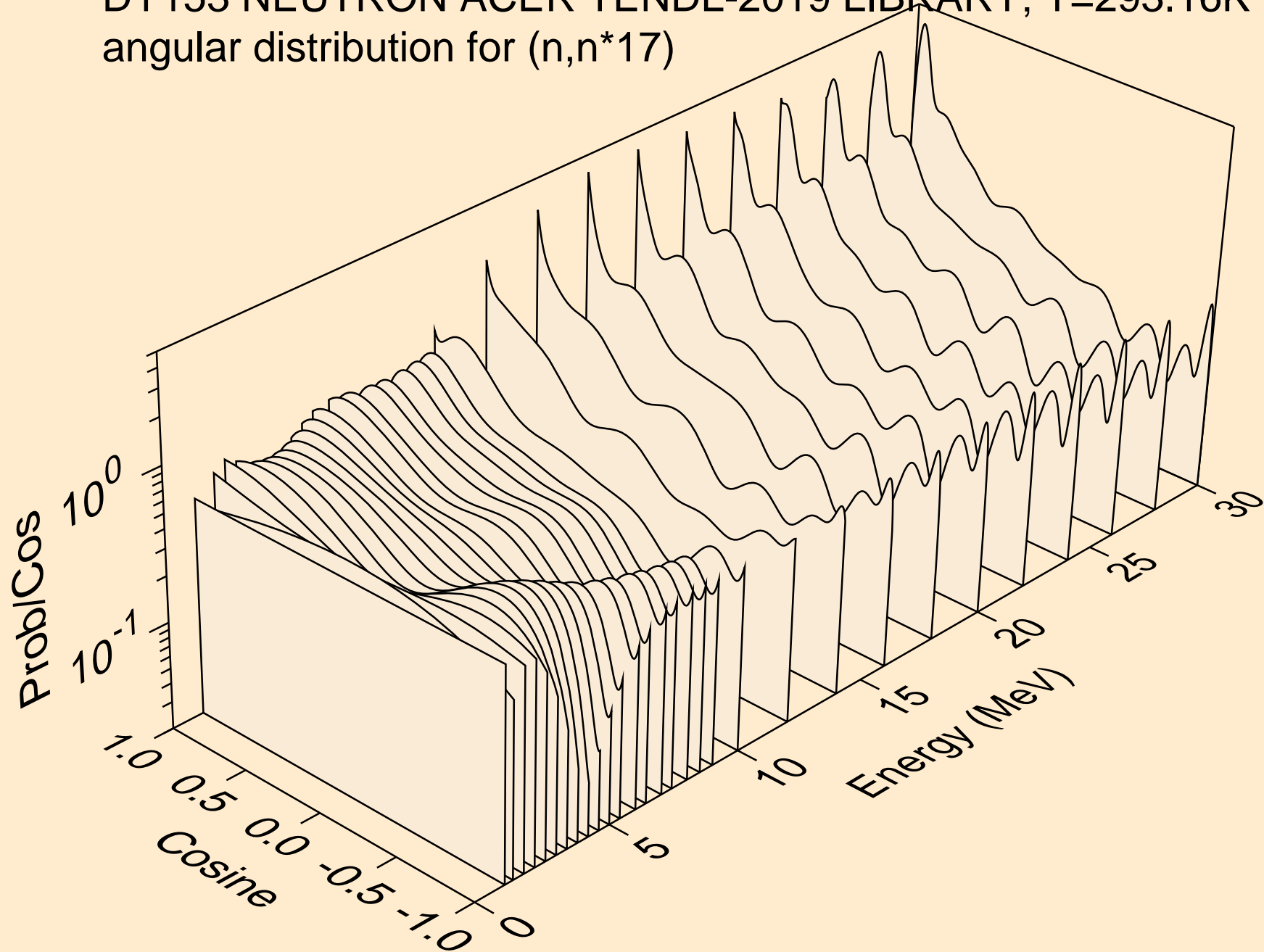
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angular distribution for (n,n\*15)



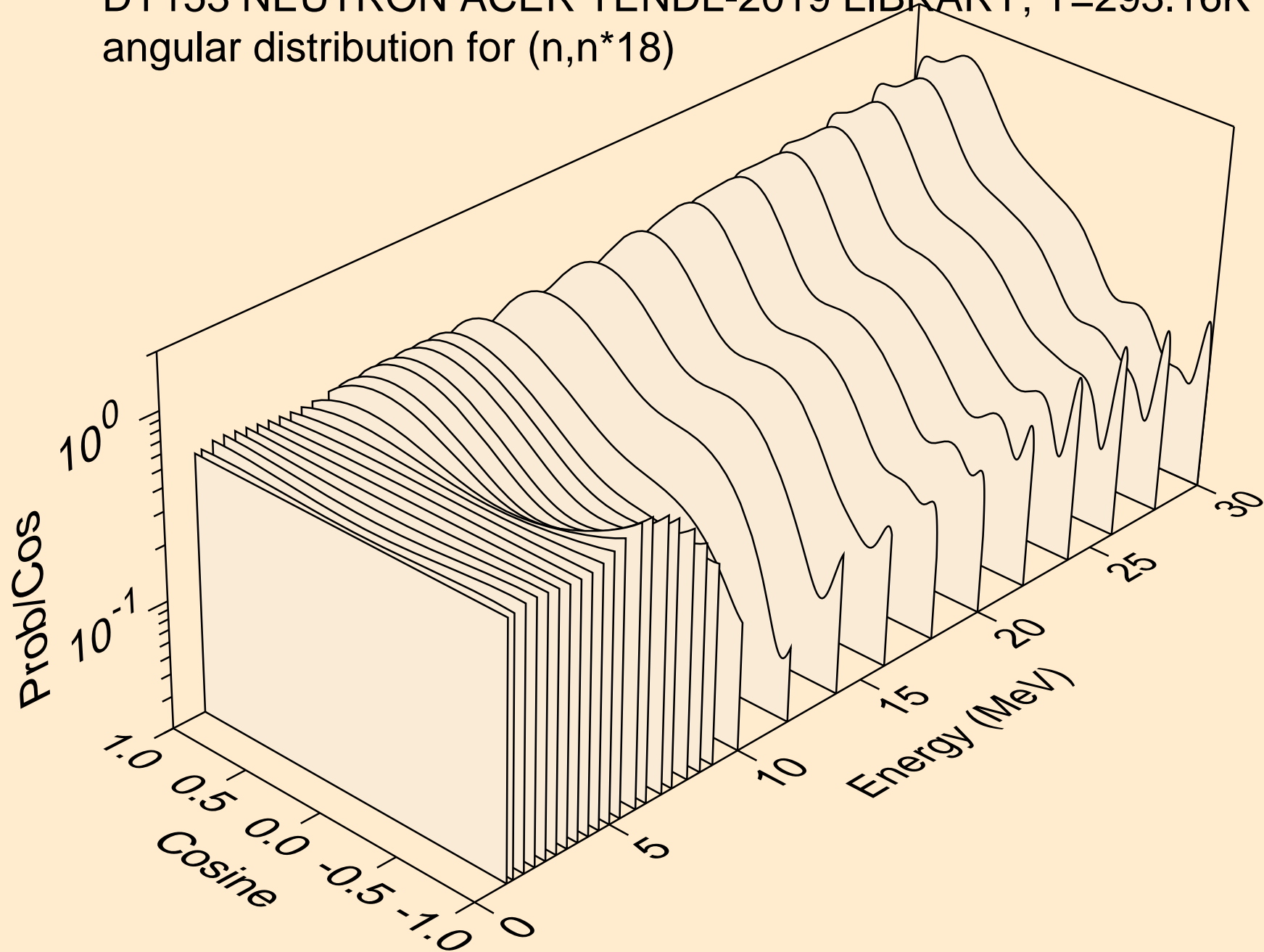
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angular distribution for (n,n\*16)



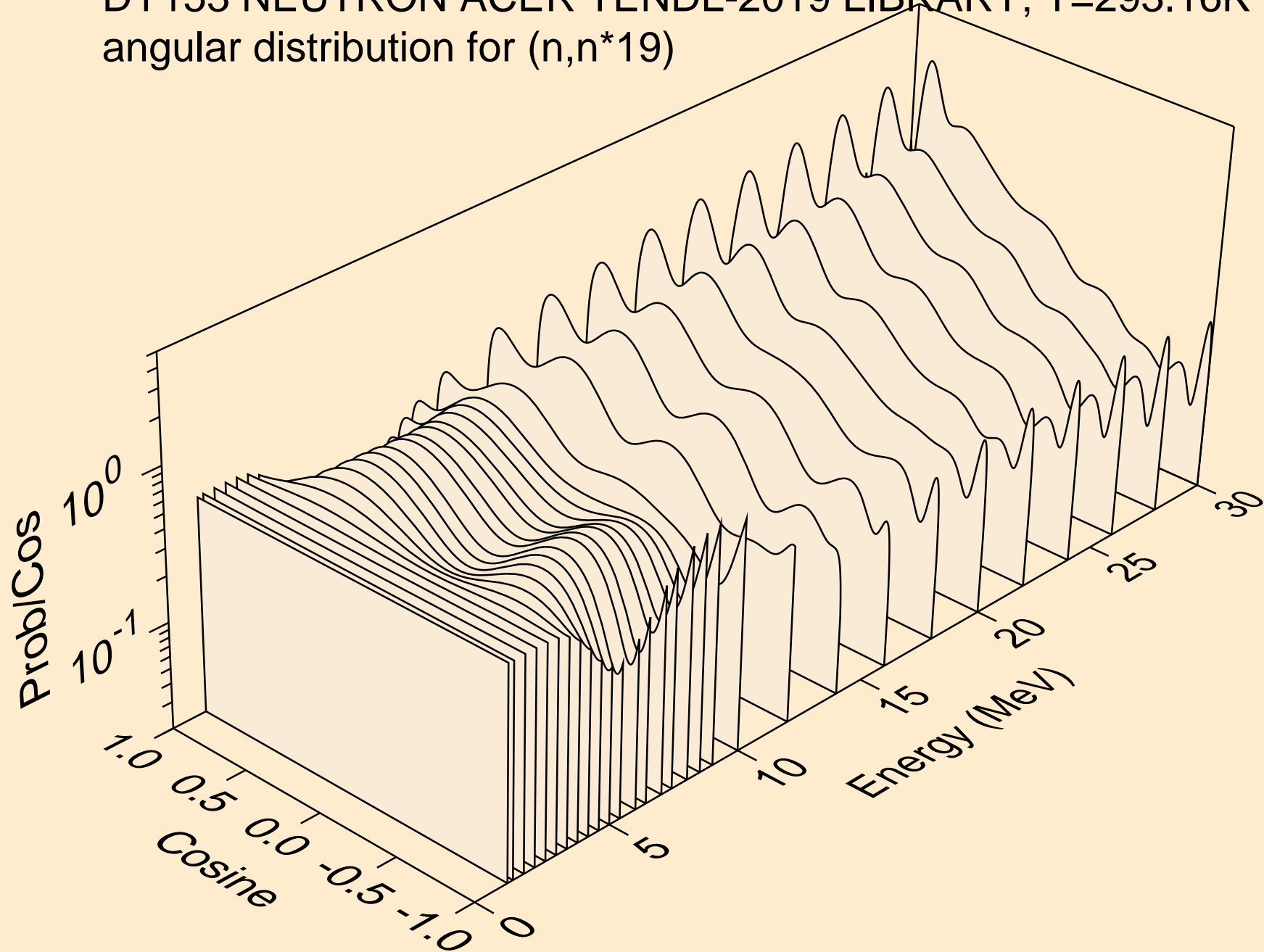
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angular distribution for (n,n\*17)



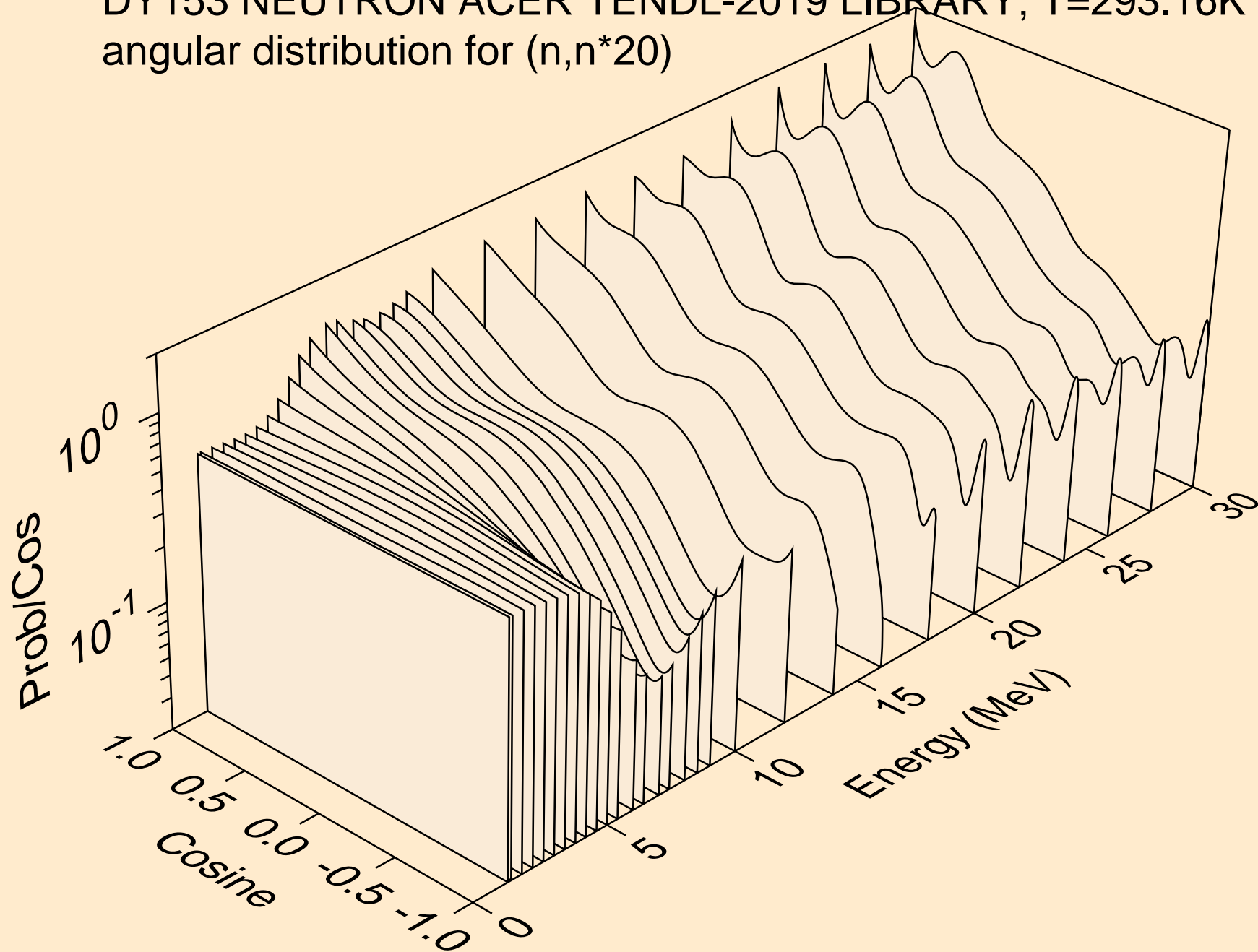
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angular distribution for (n,n\*18)



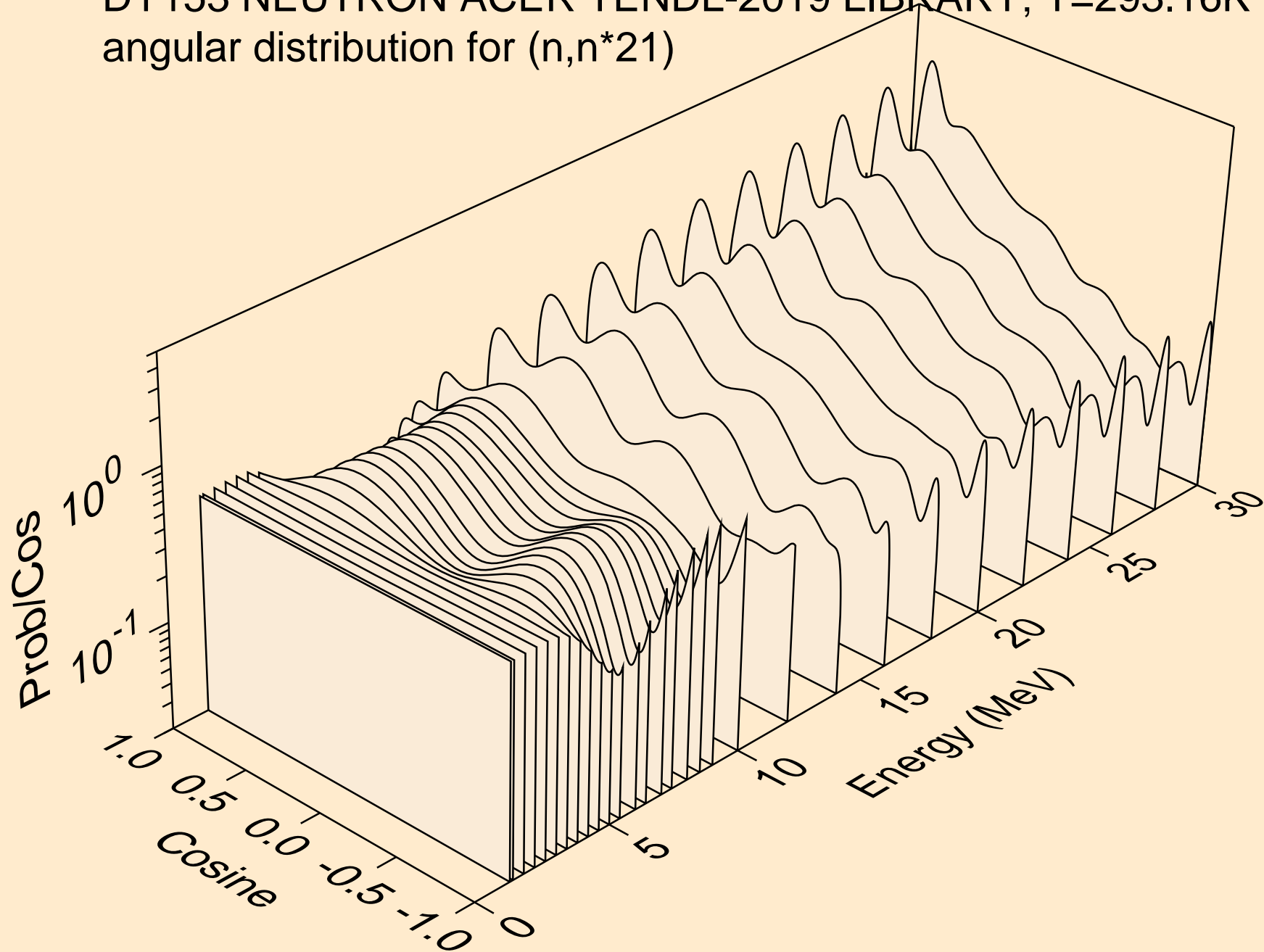
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)

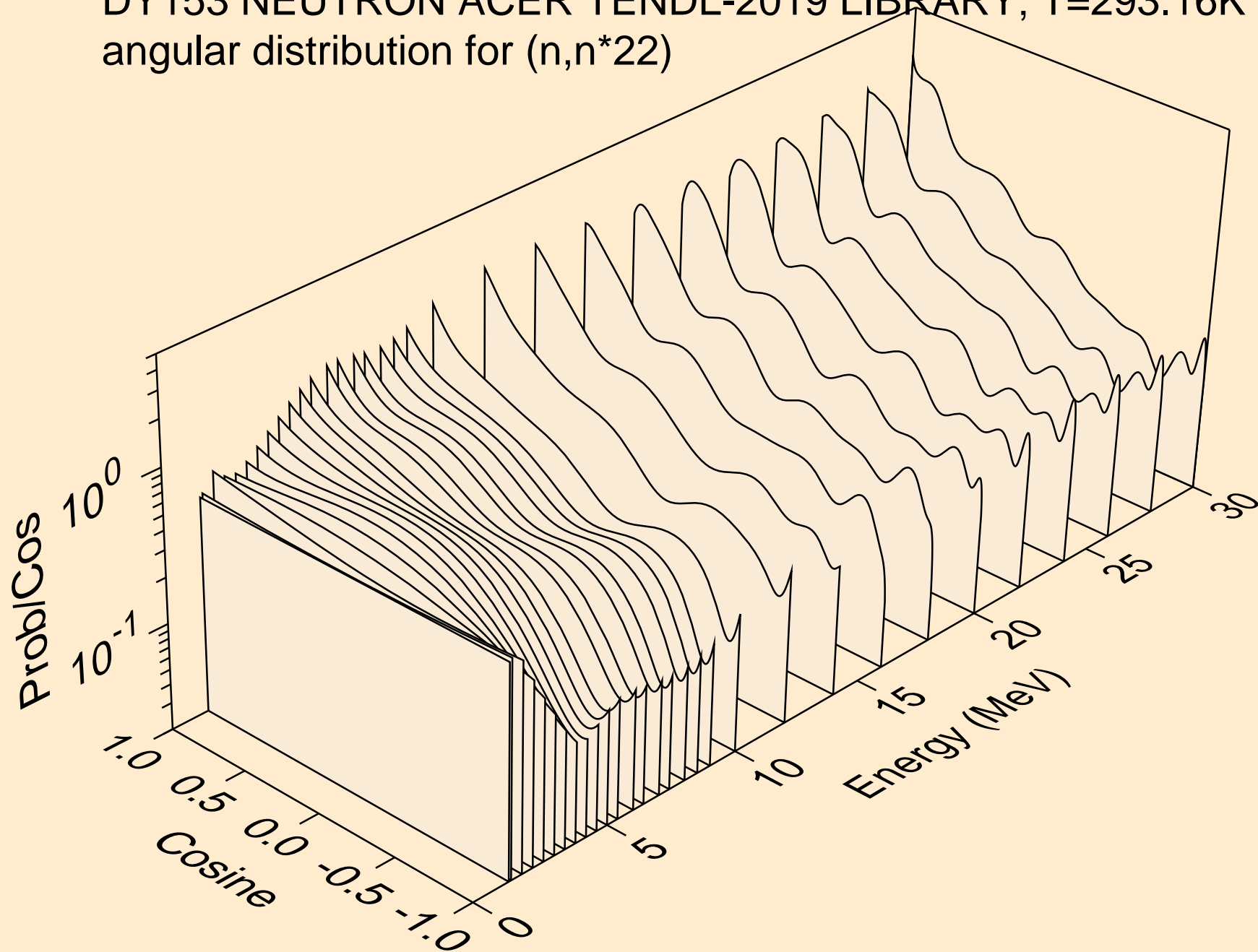


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)

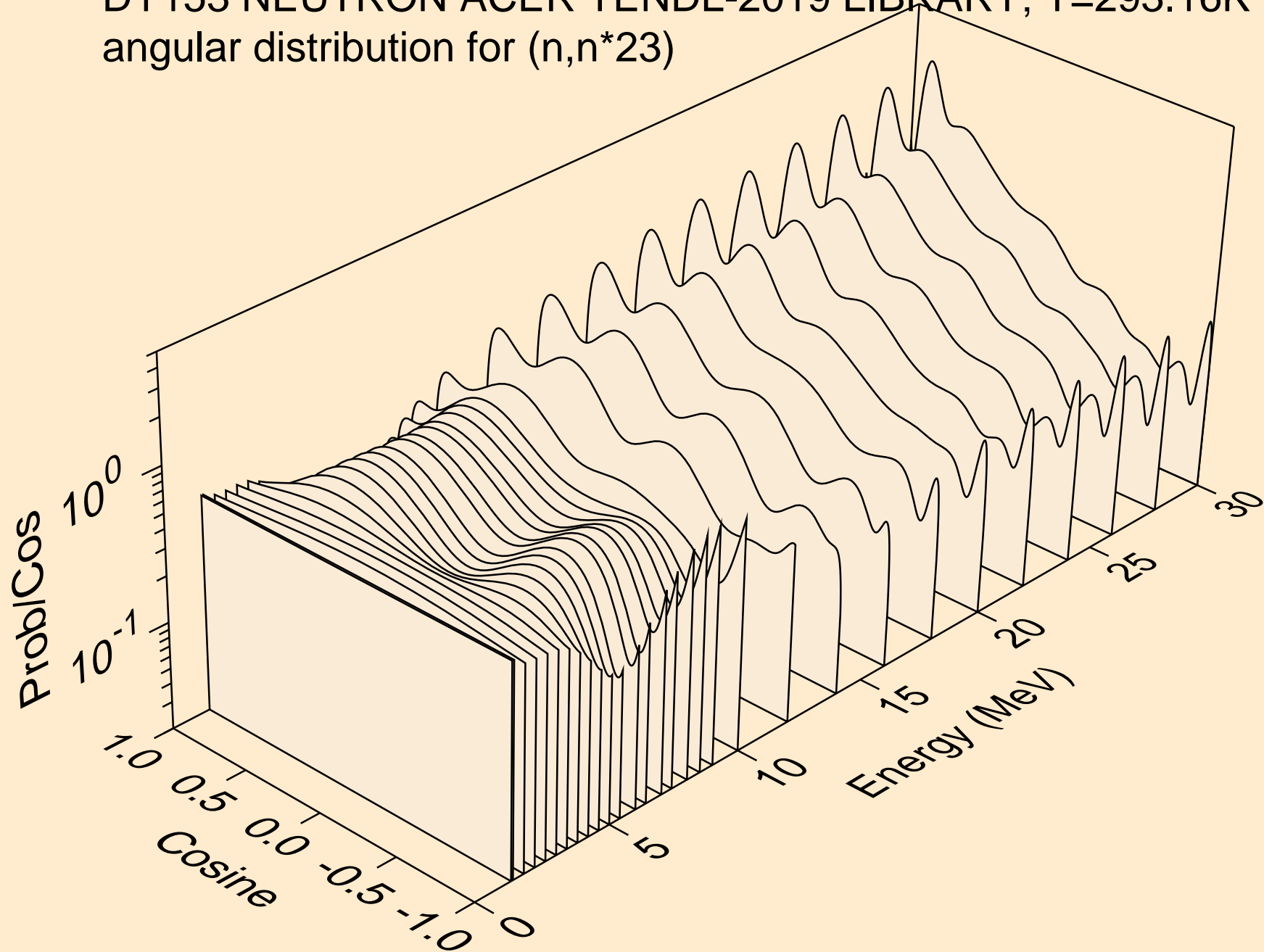




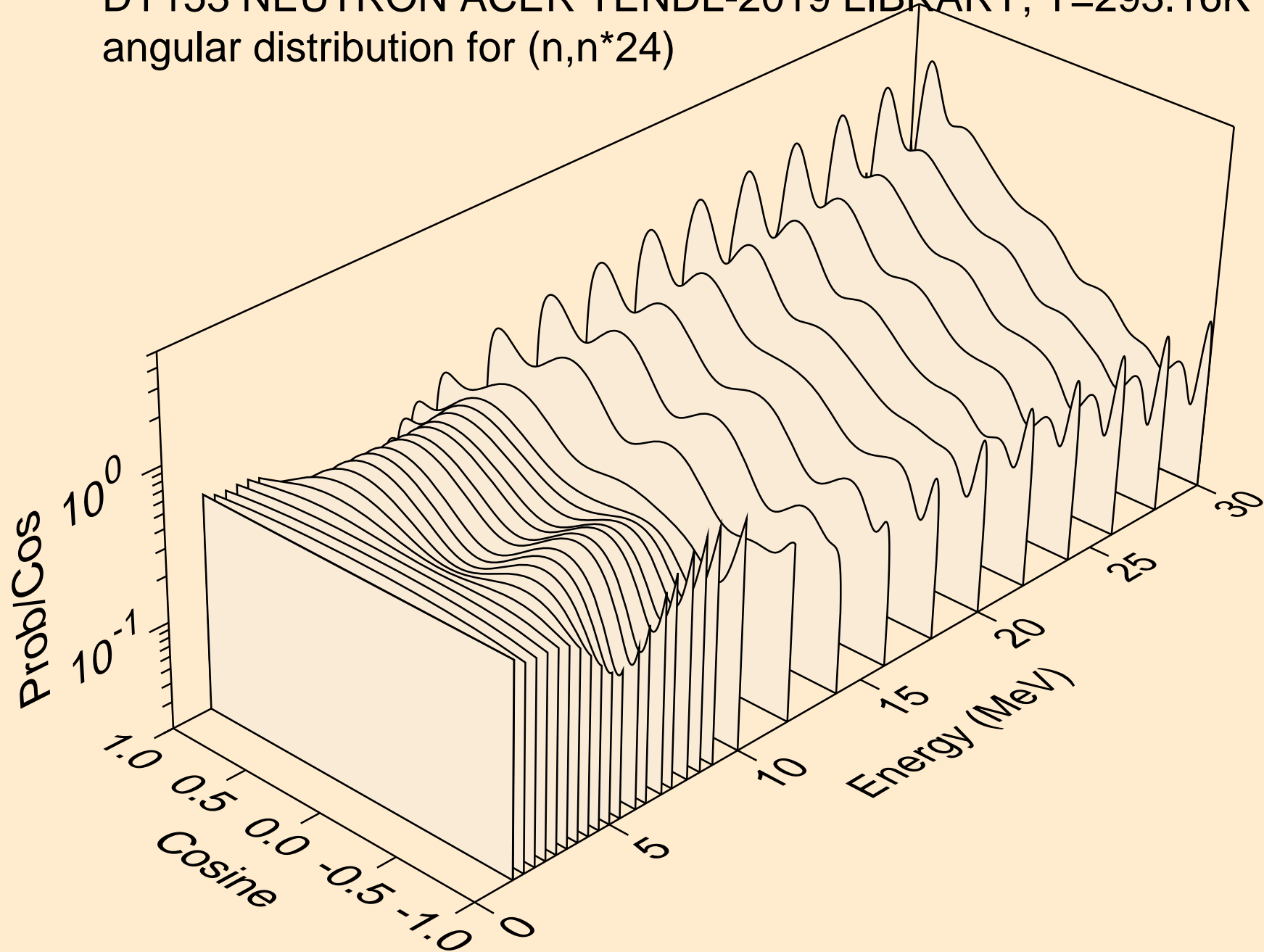
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angular distribution for (n,n\*22)



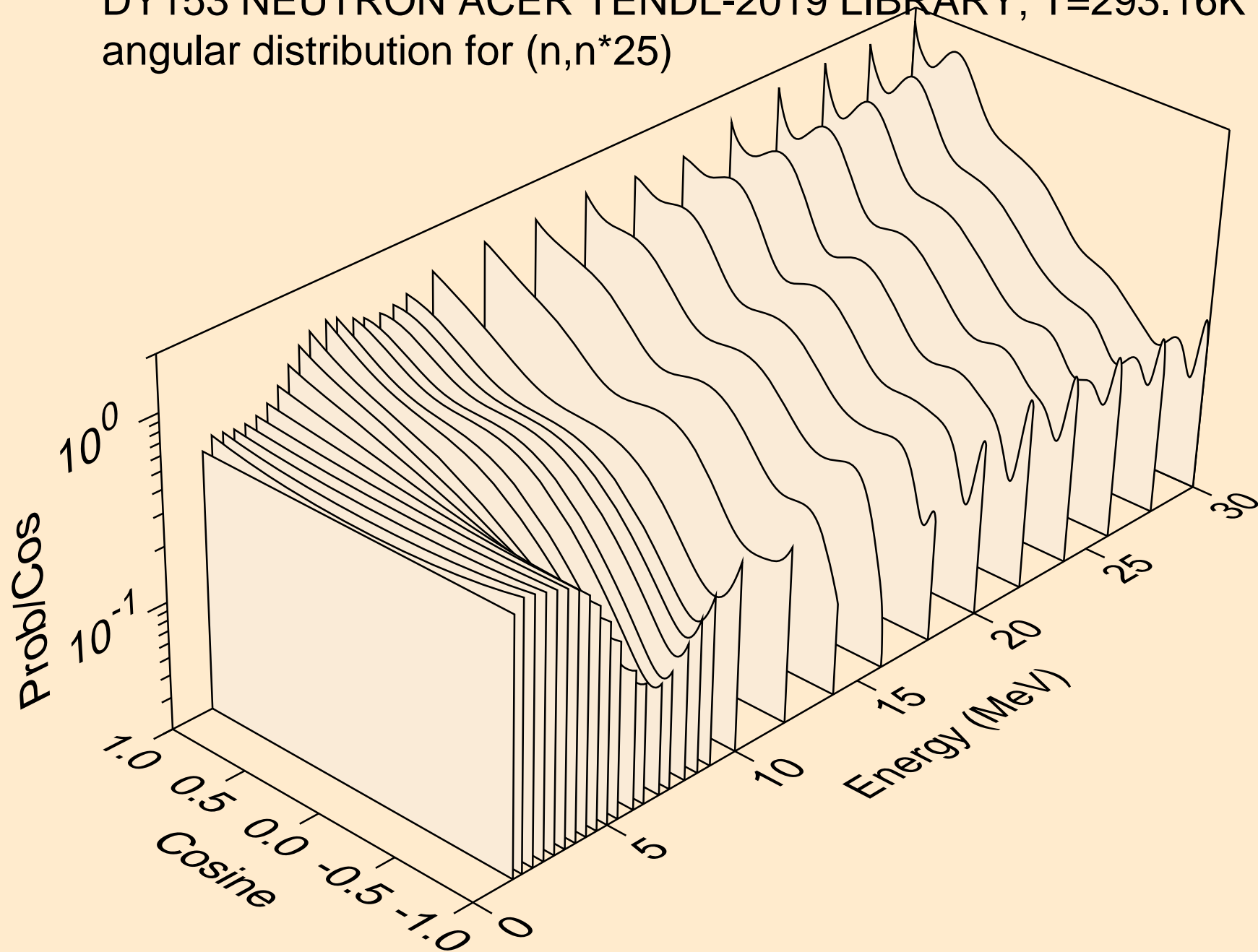
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angular distribution for (n,n\*23)



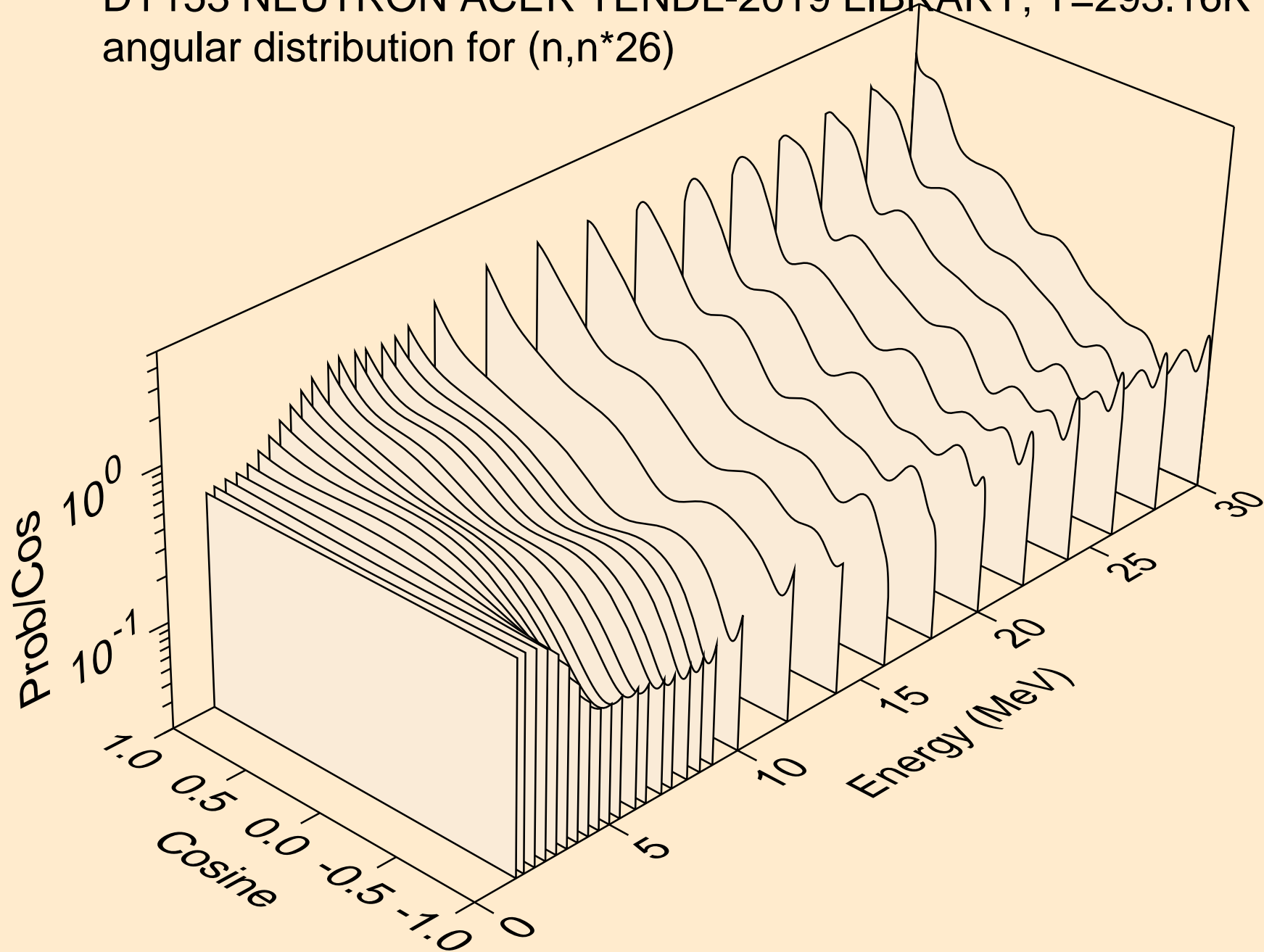
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angular distribution for (n,n\*24)



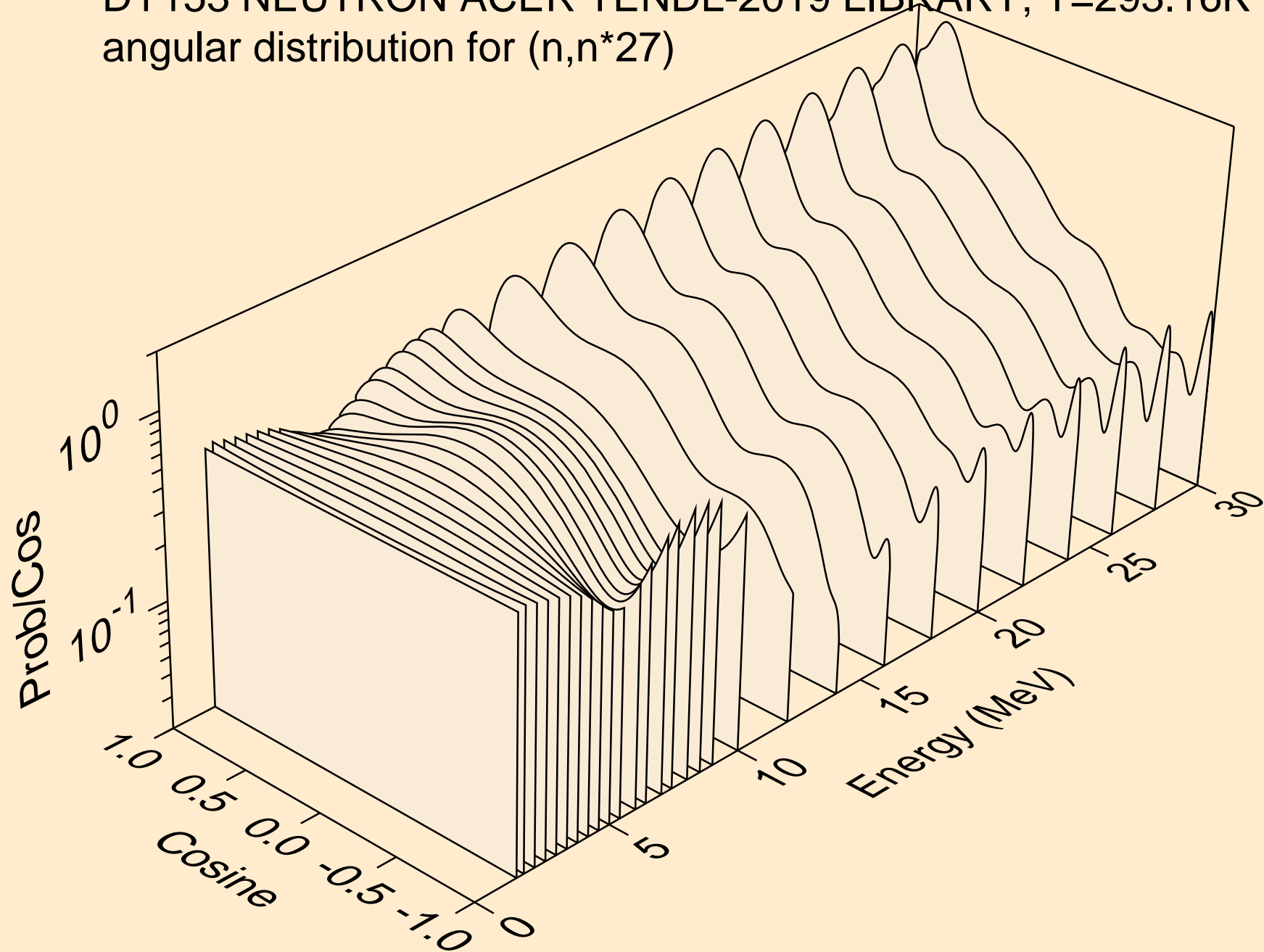
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angular distribution for (n,n\*25)



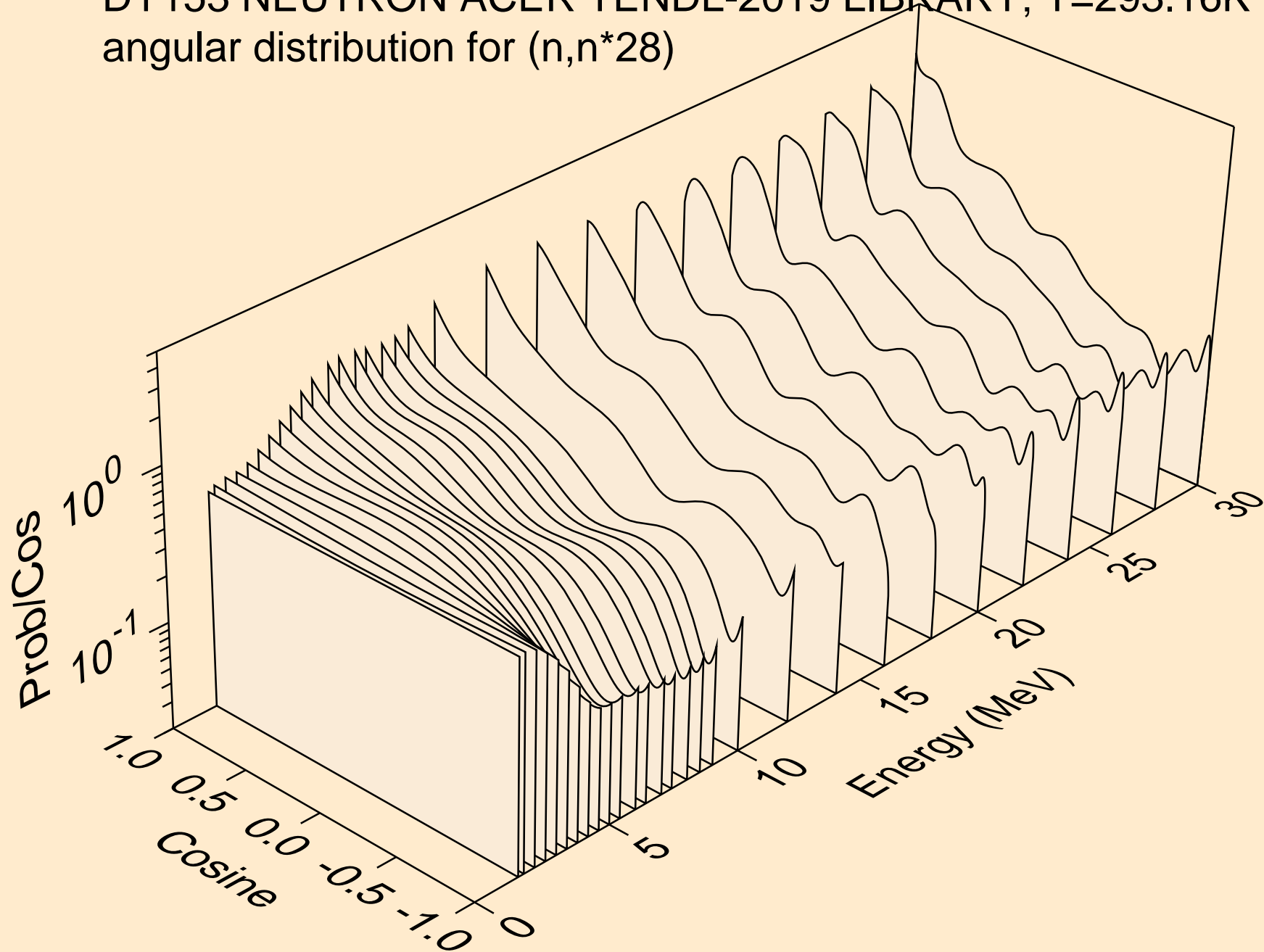
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)



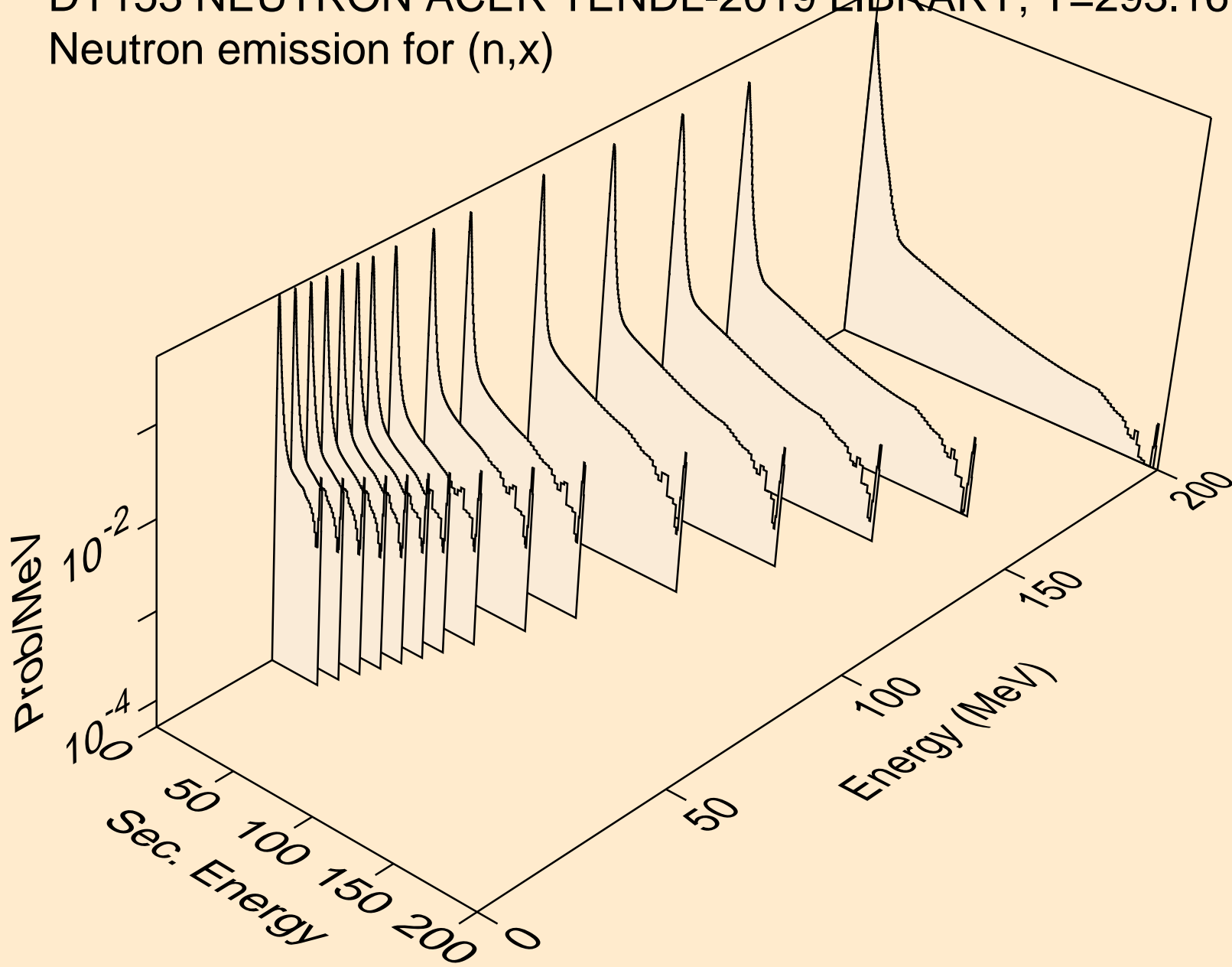
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)

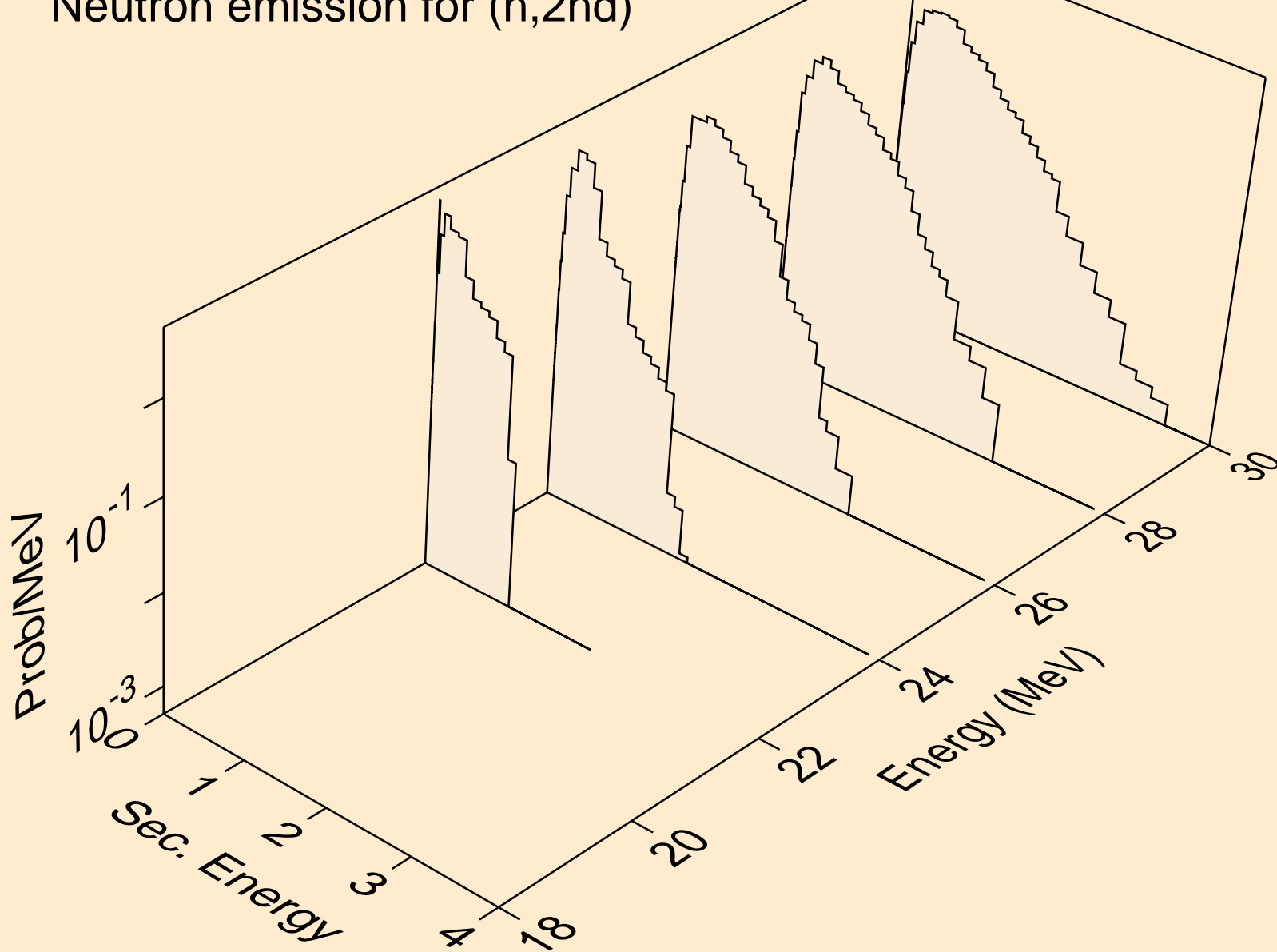


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)

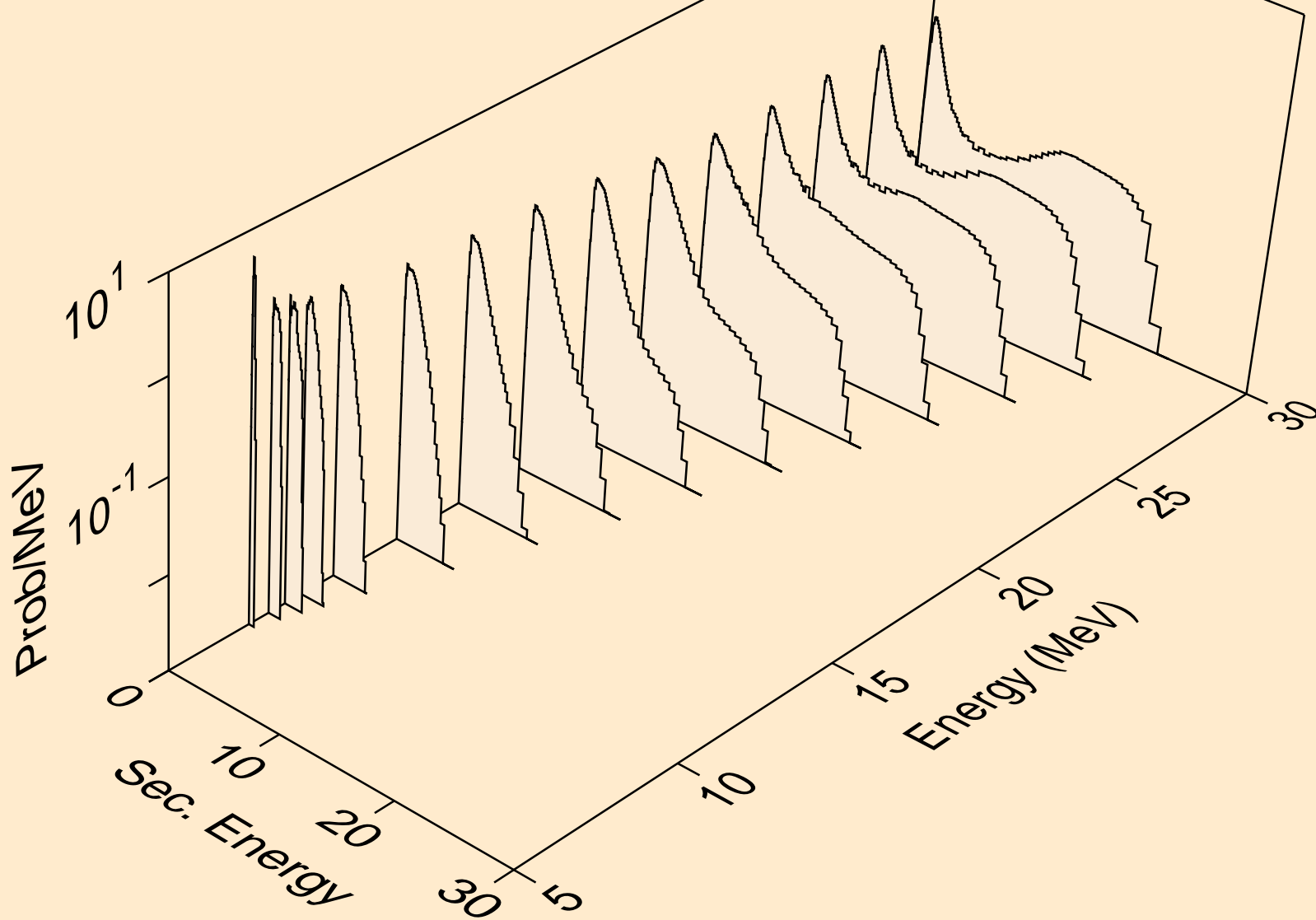




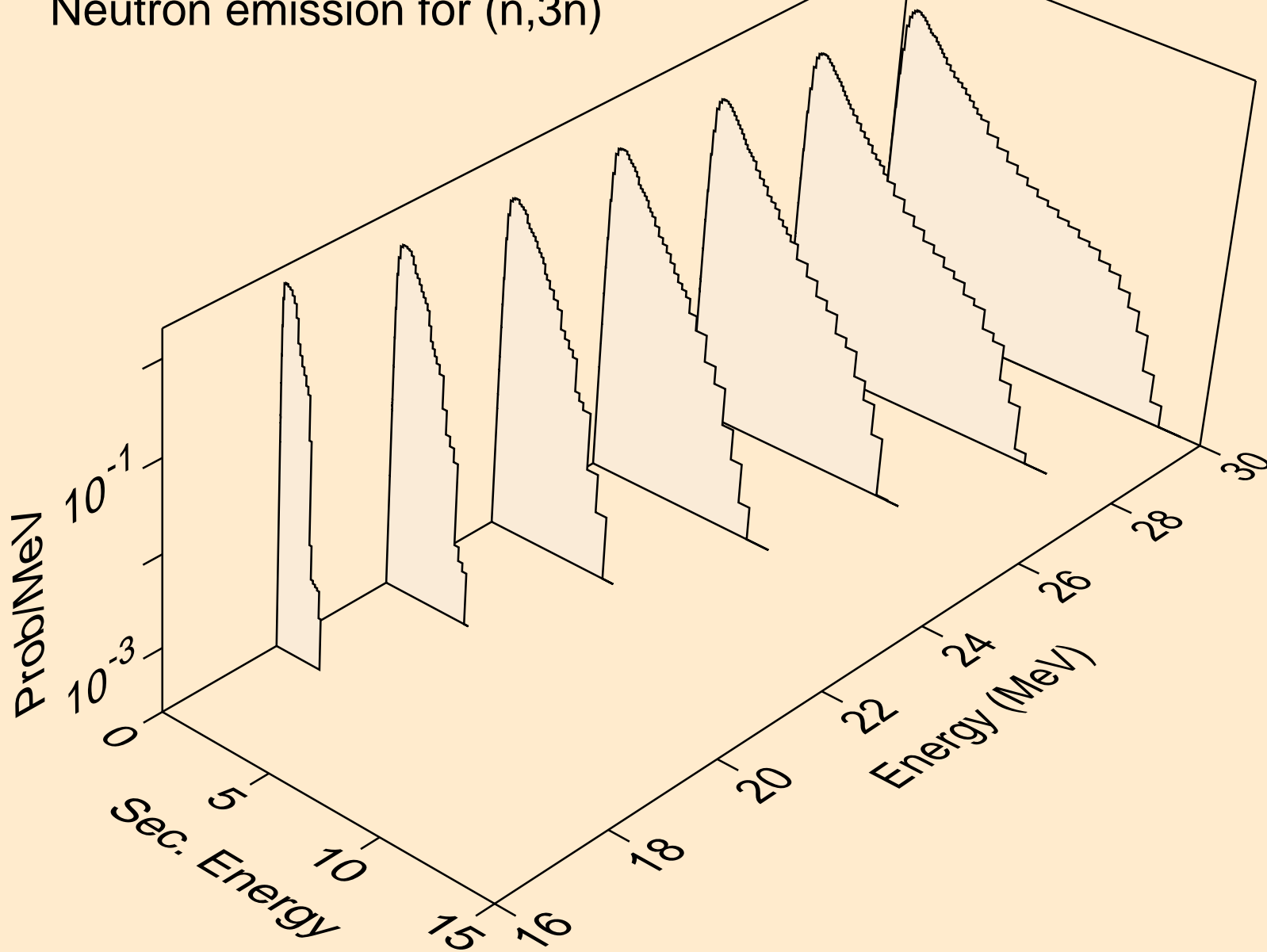
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



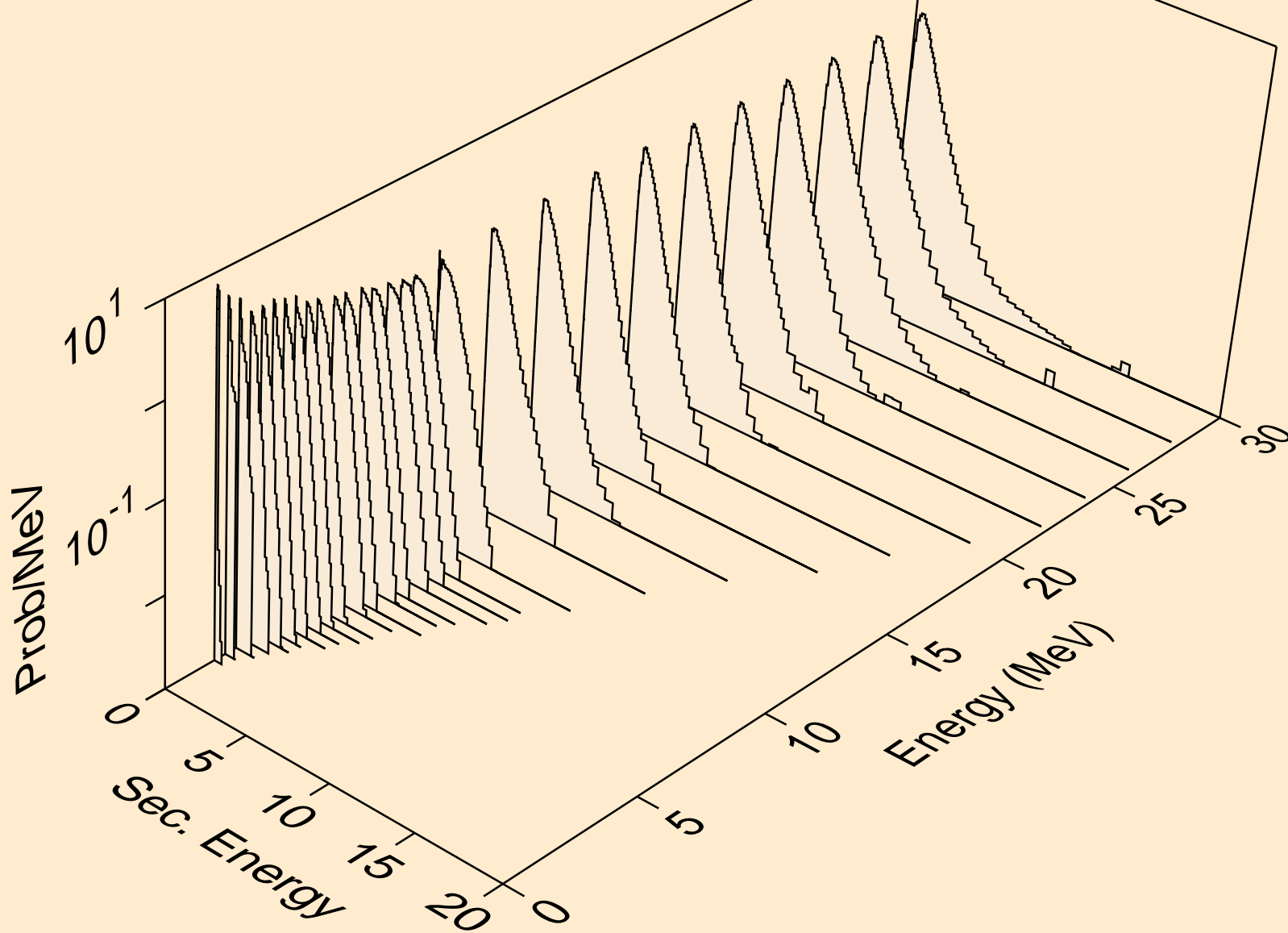
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



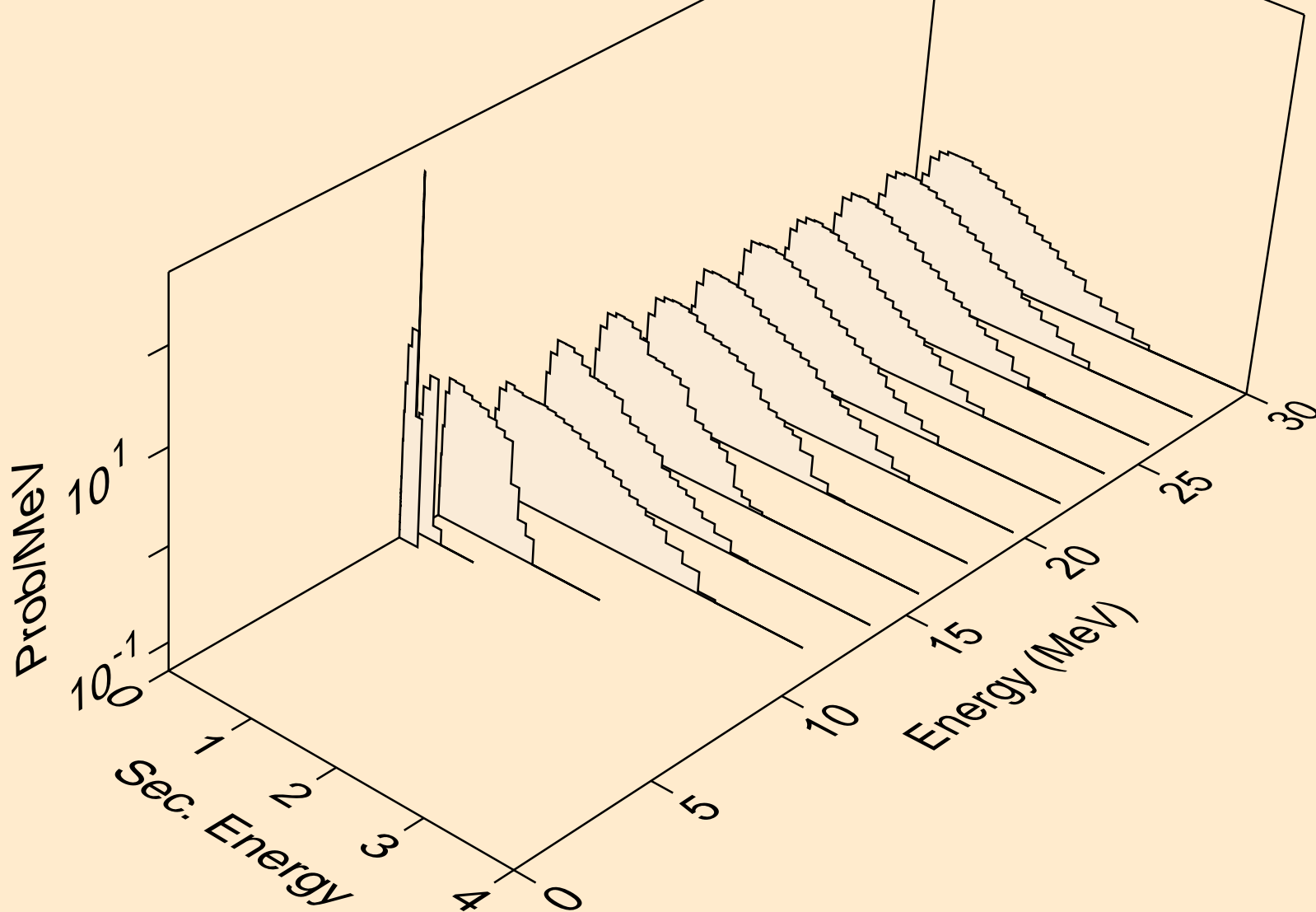
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



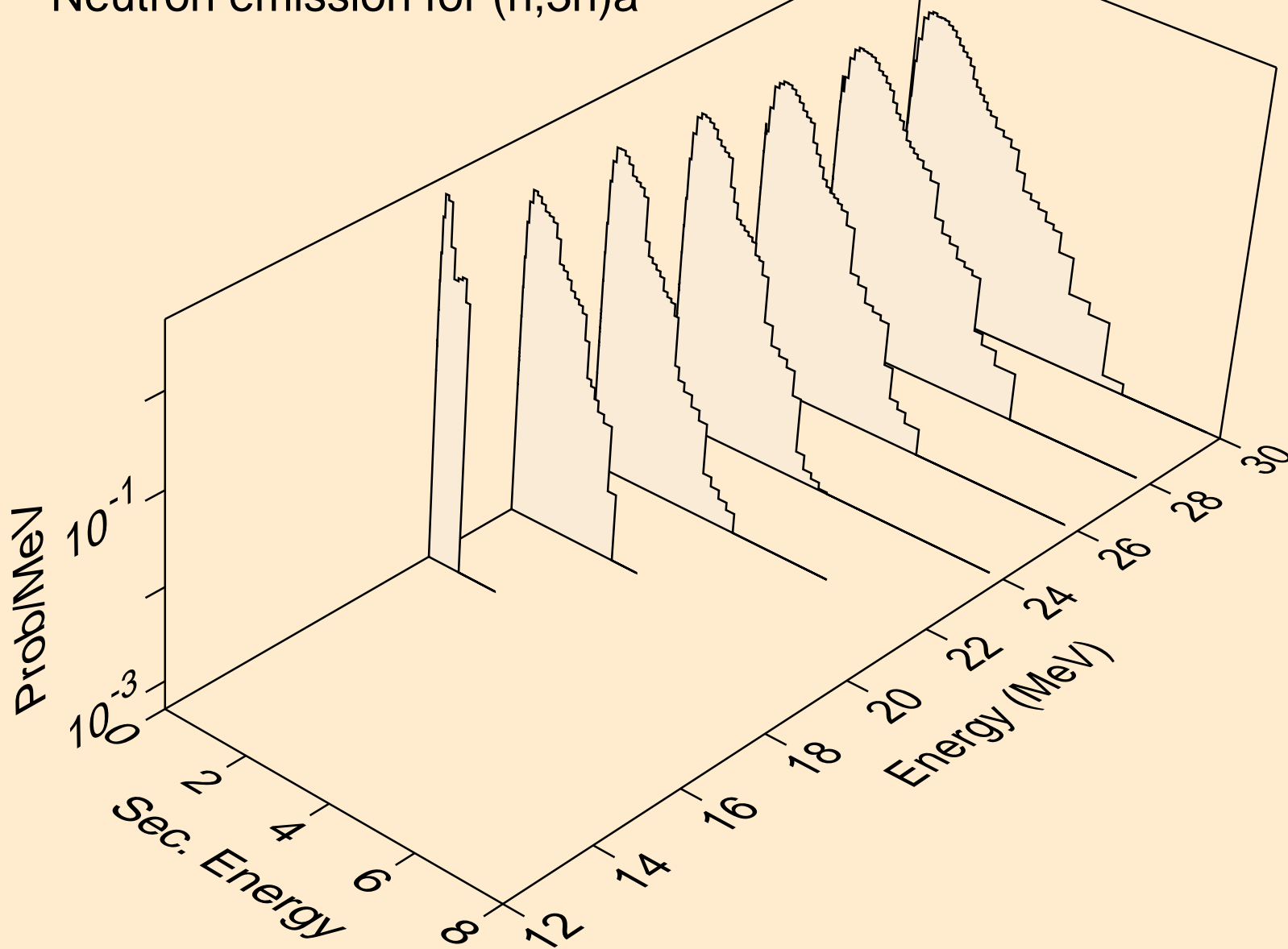
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



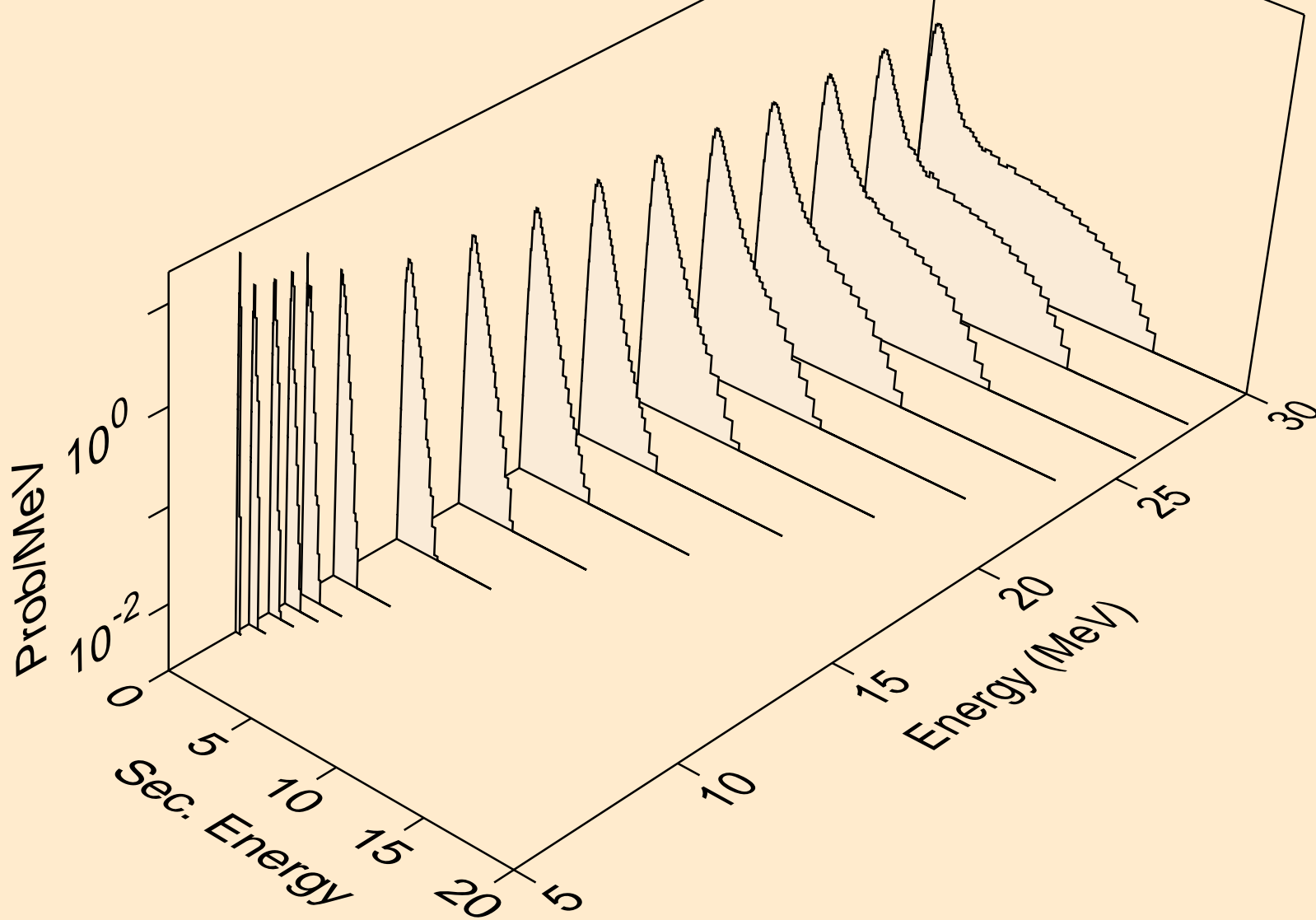
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



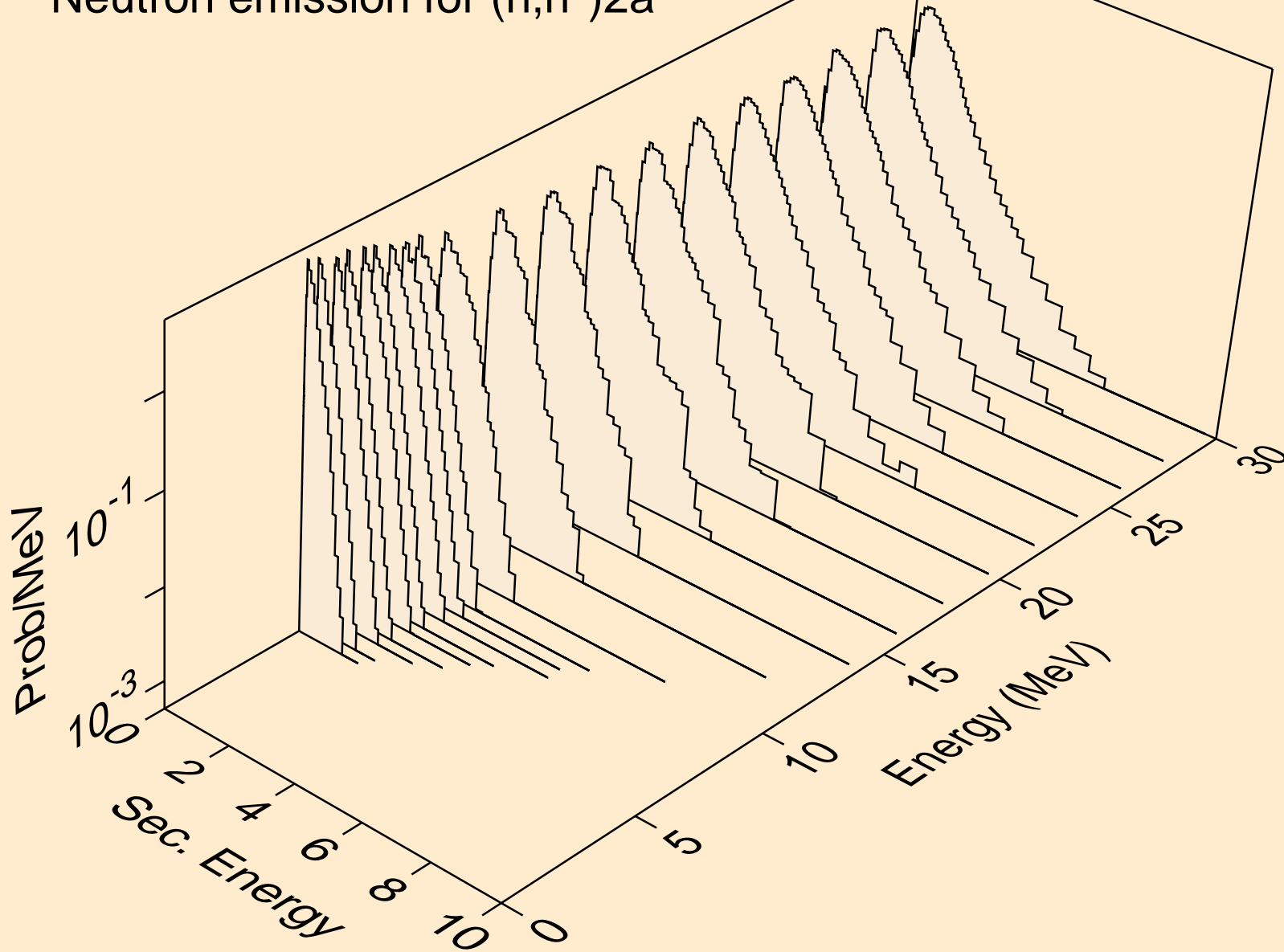
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p

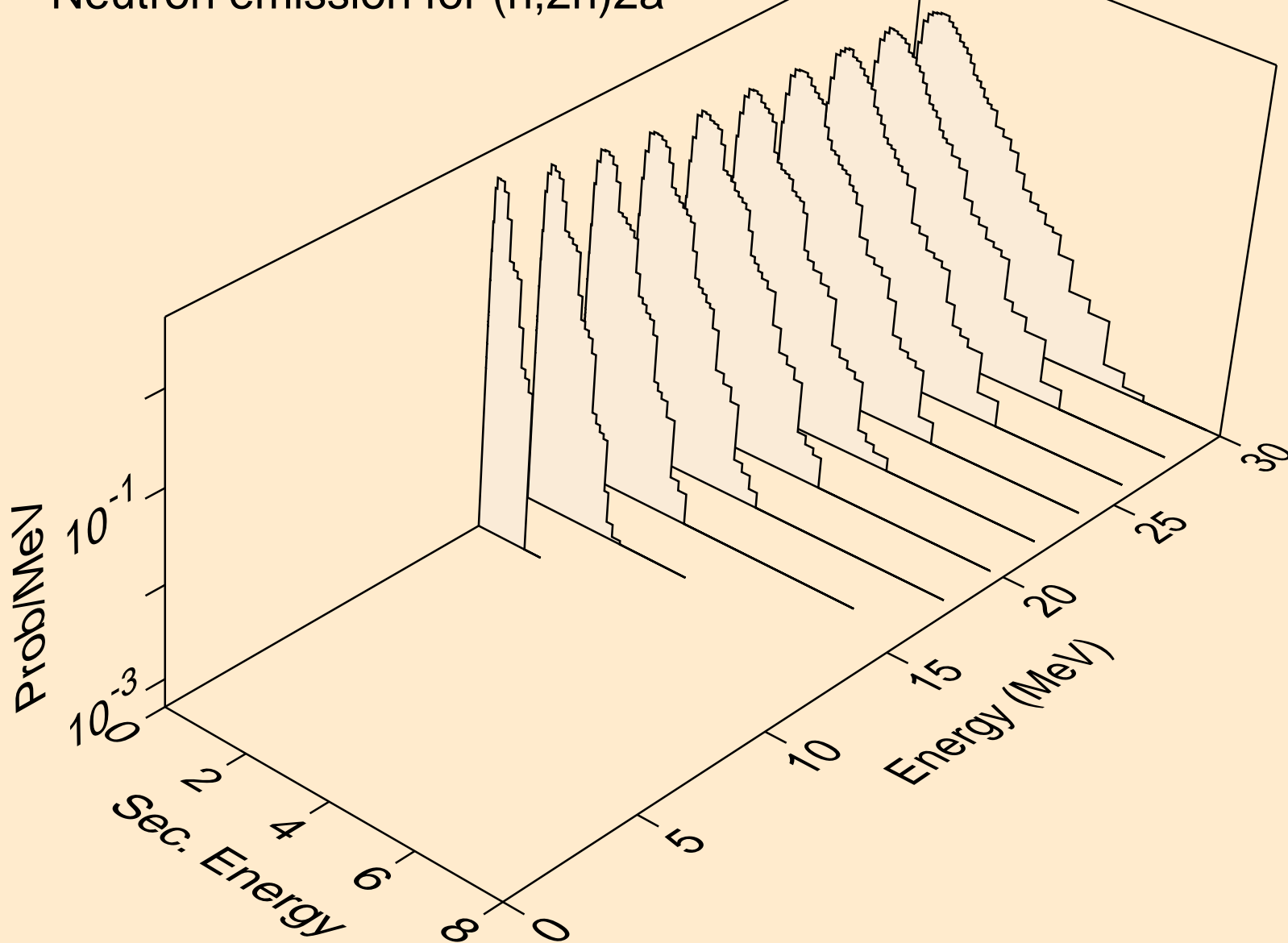


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a

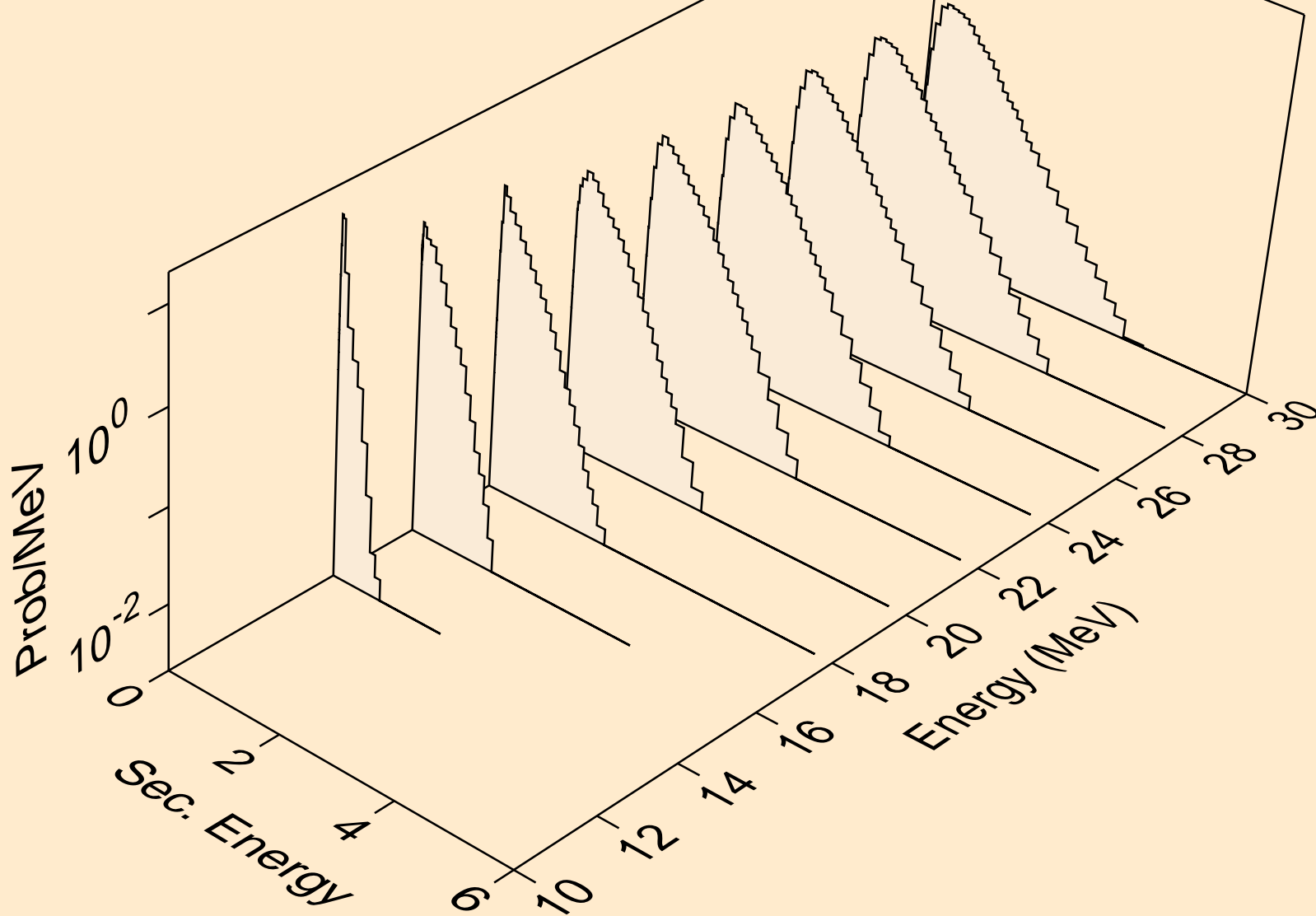




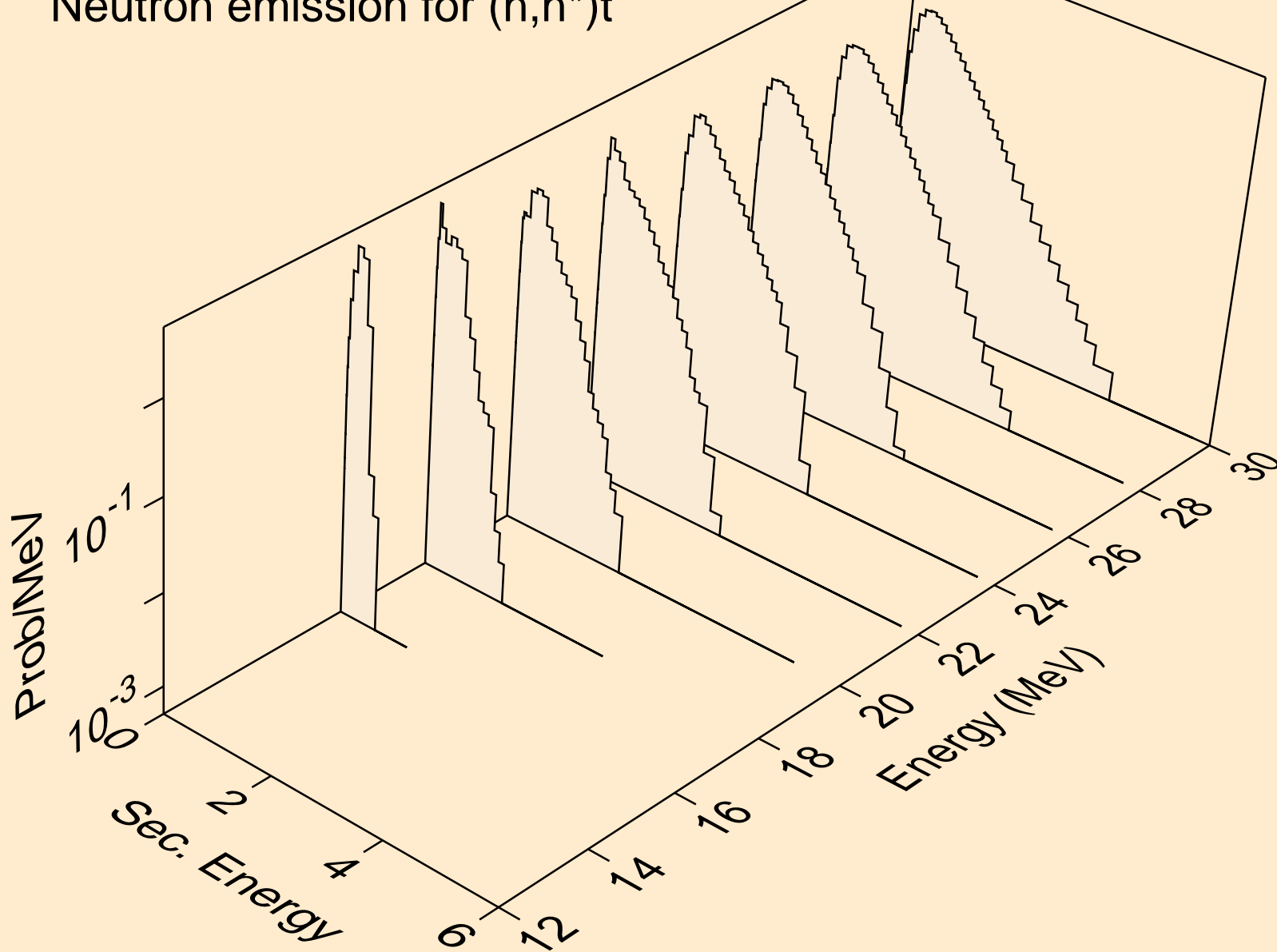
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)2a



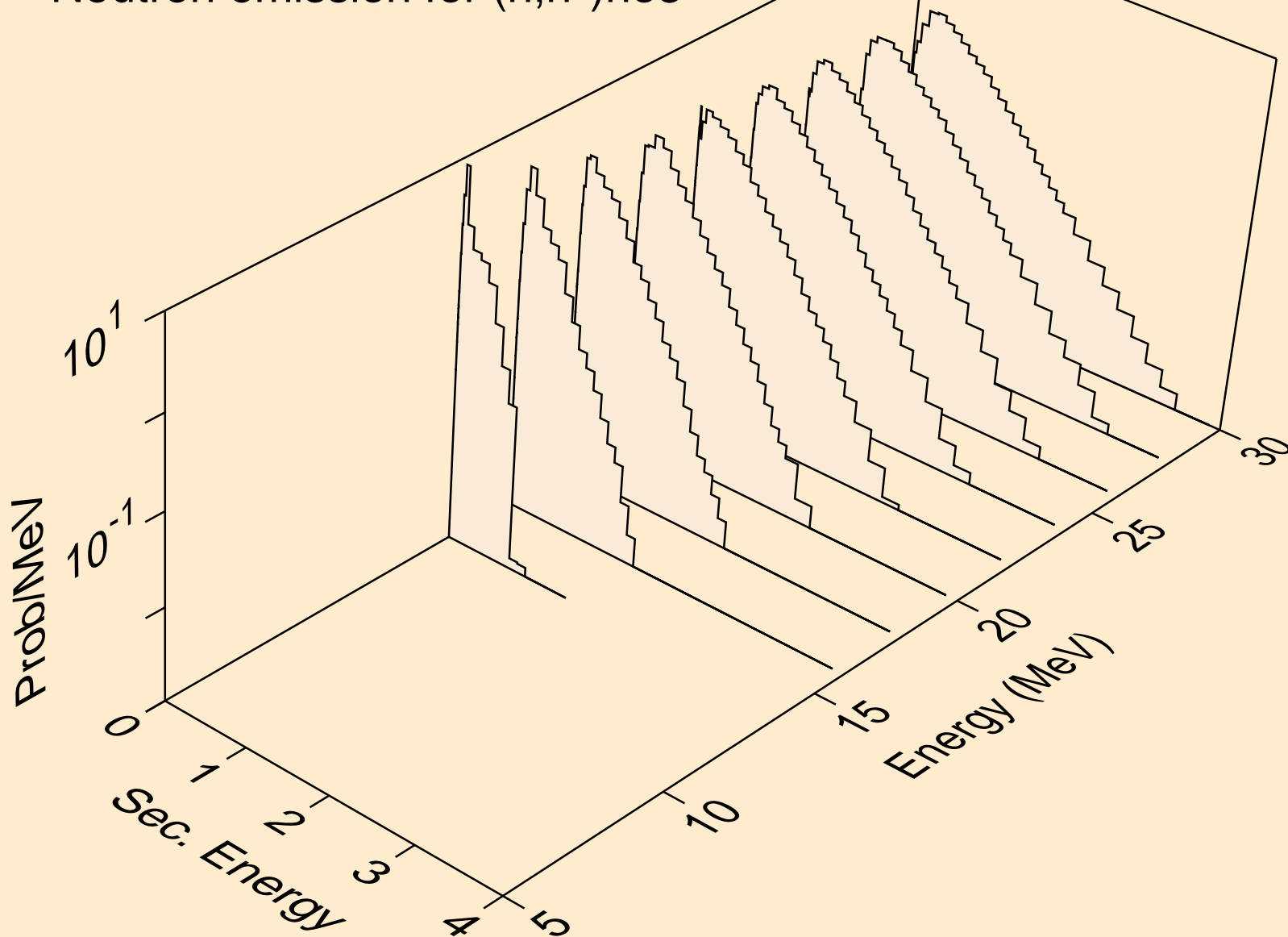
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



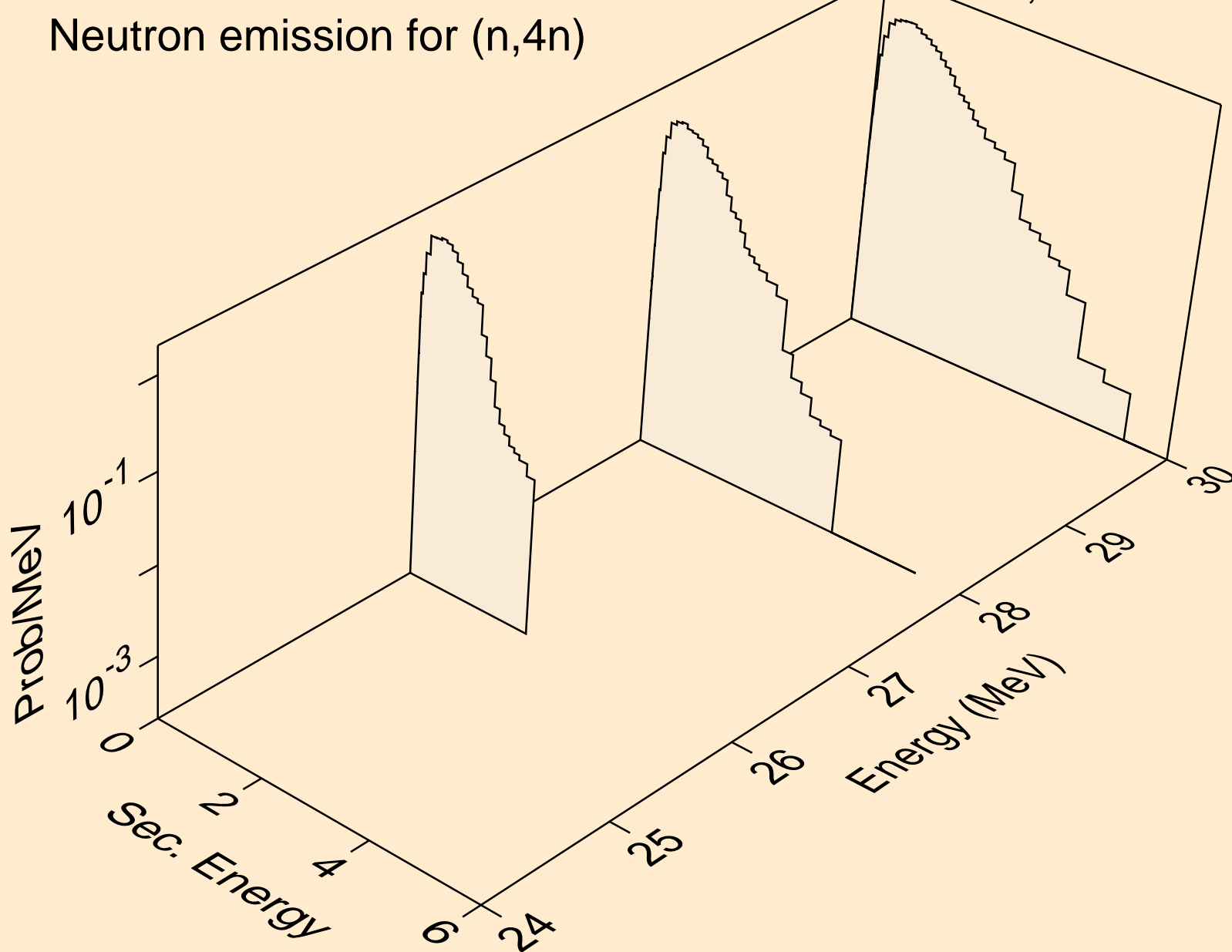
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



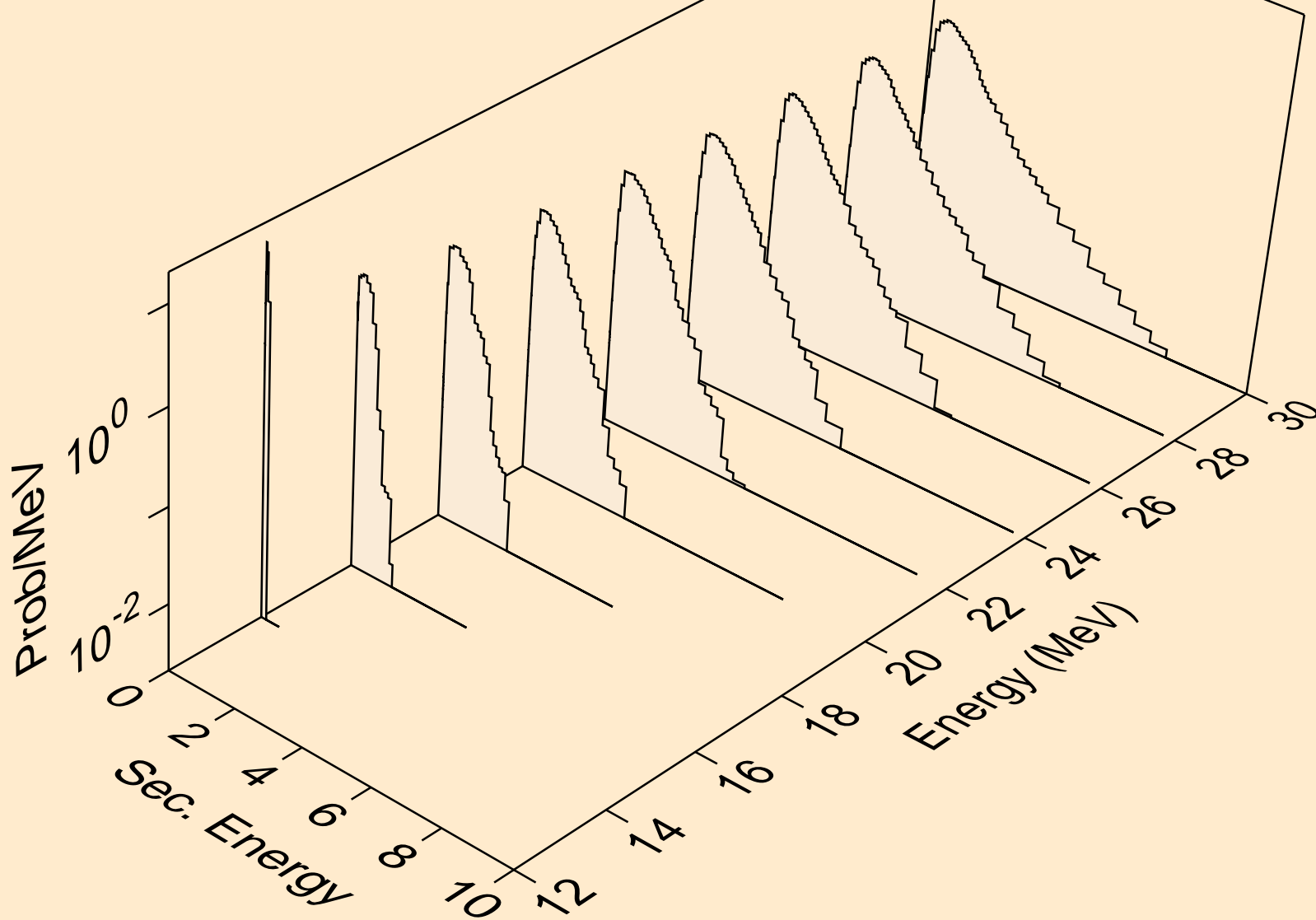
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



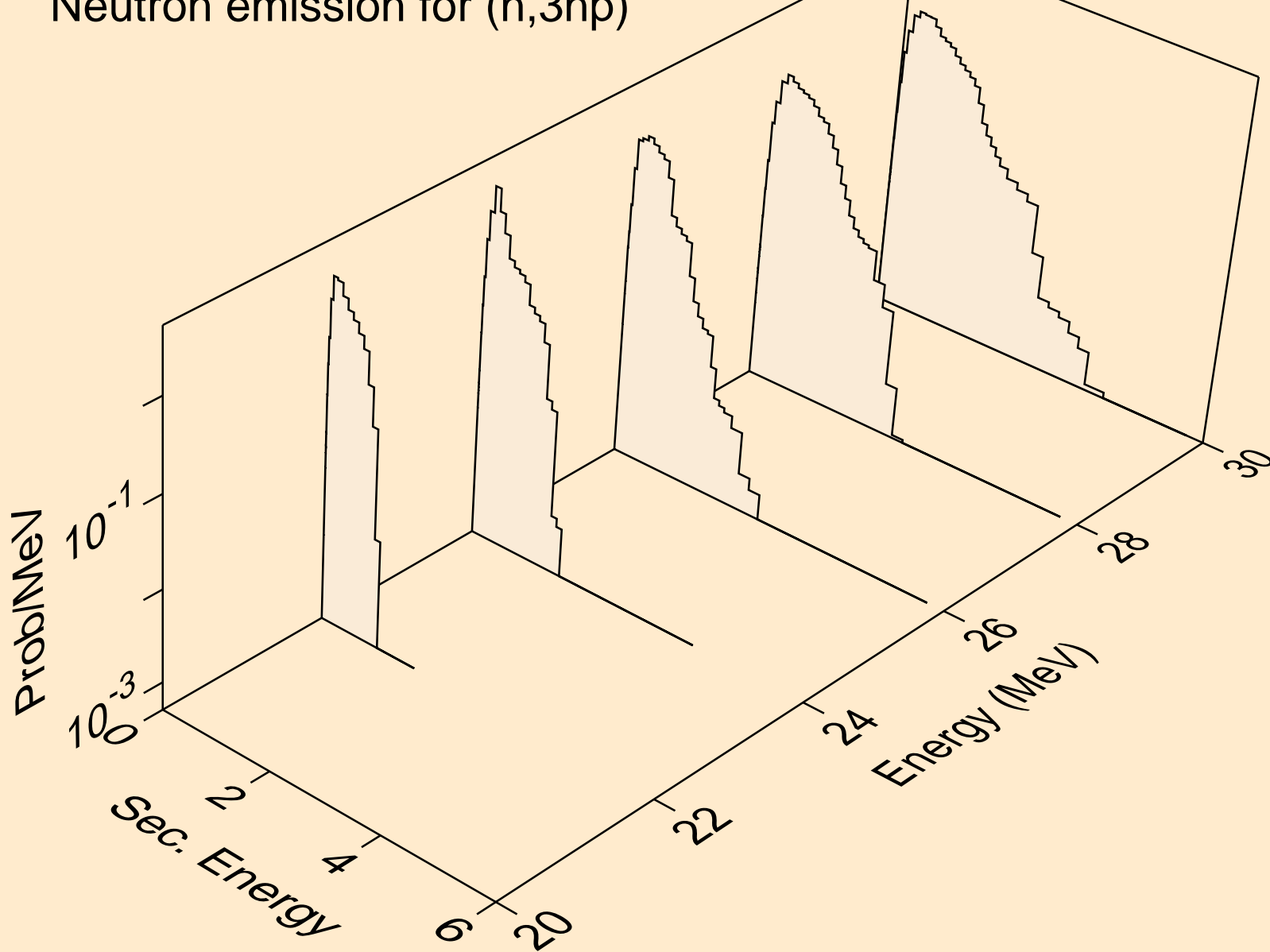
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



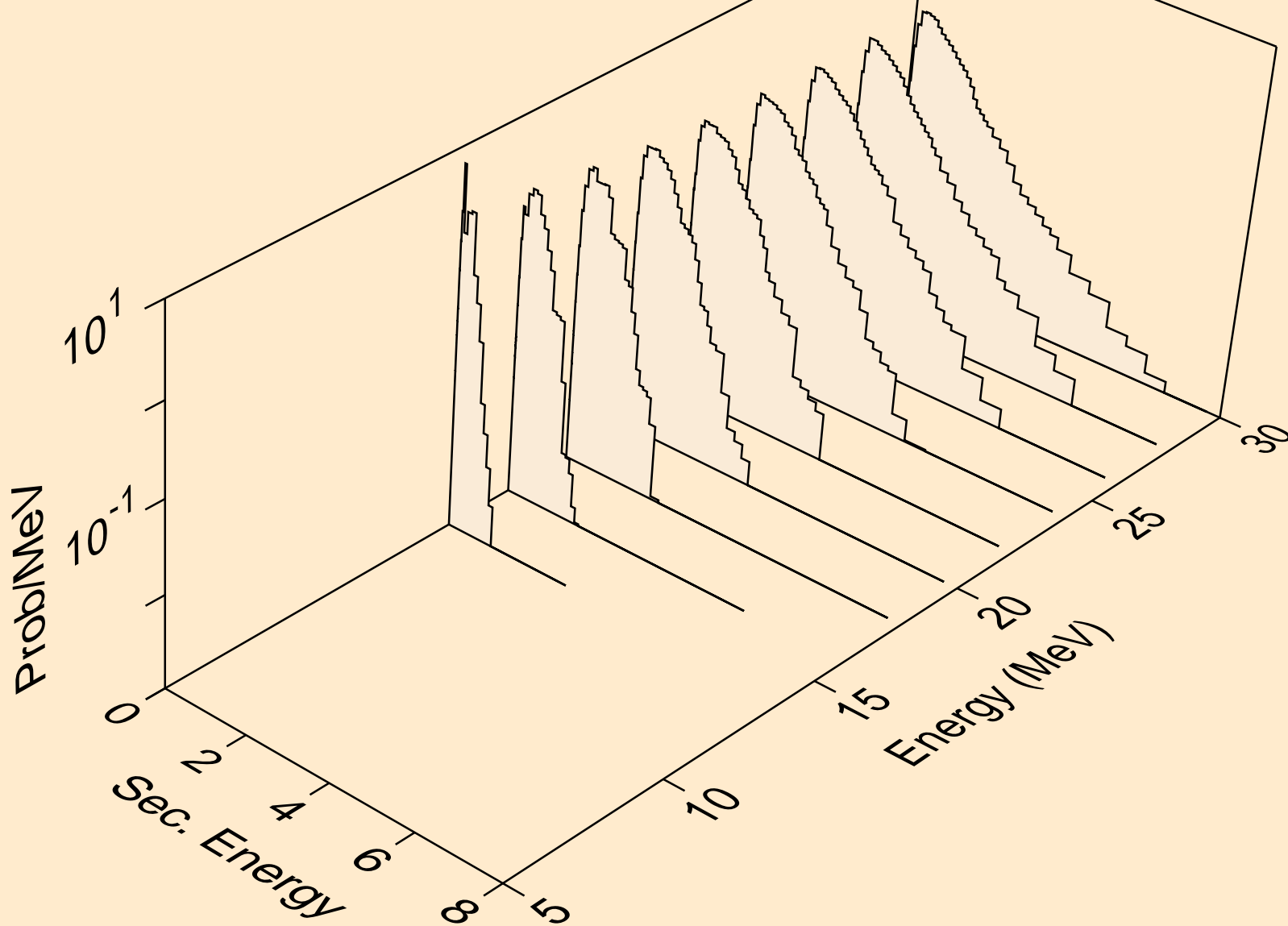
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

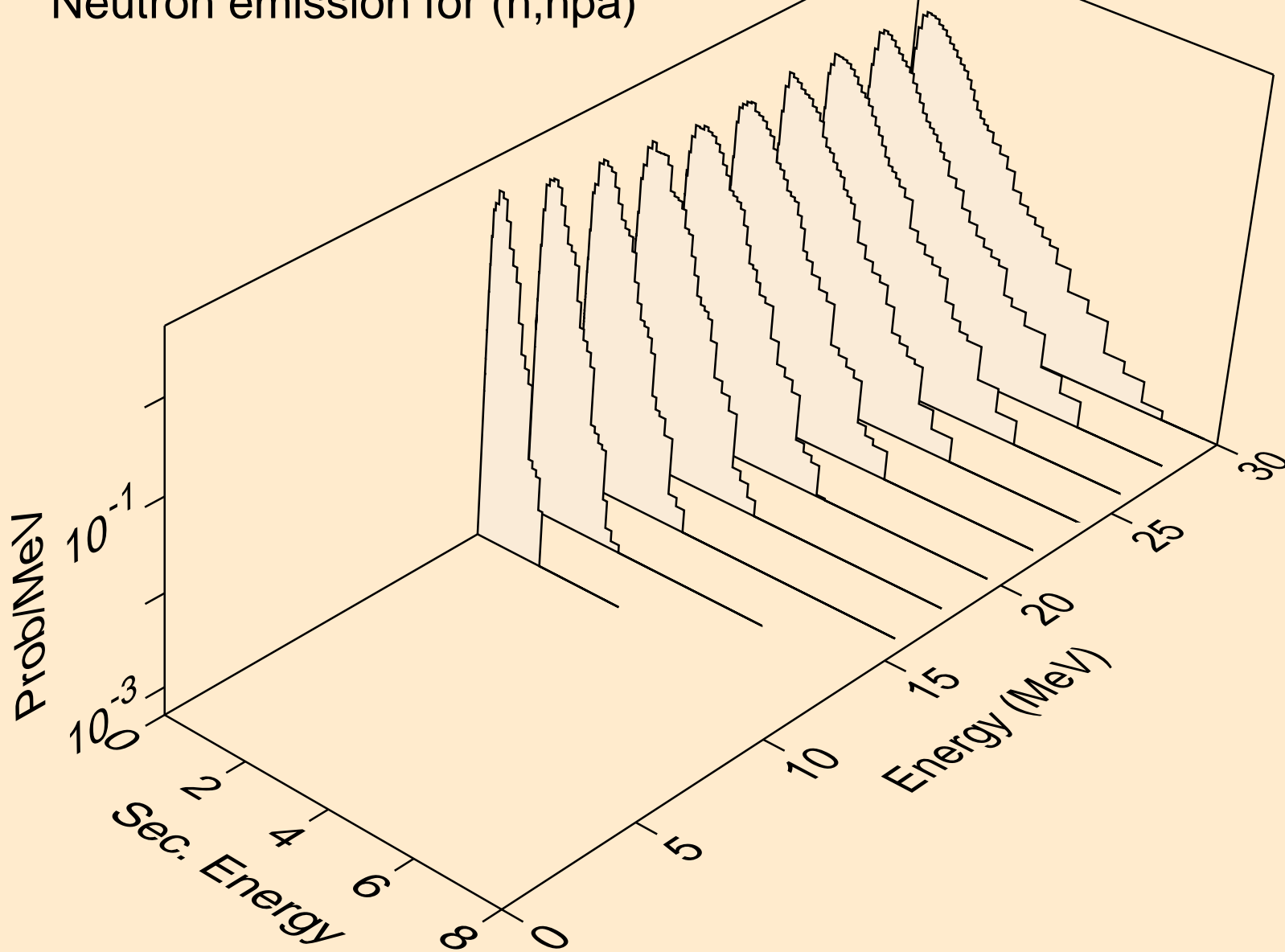


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

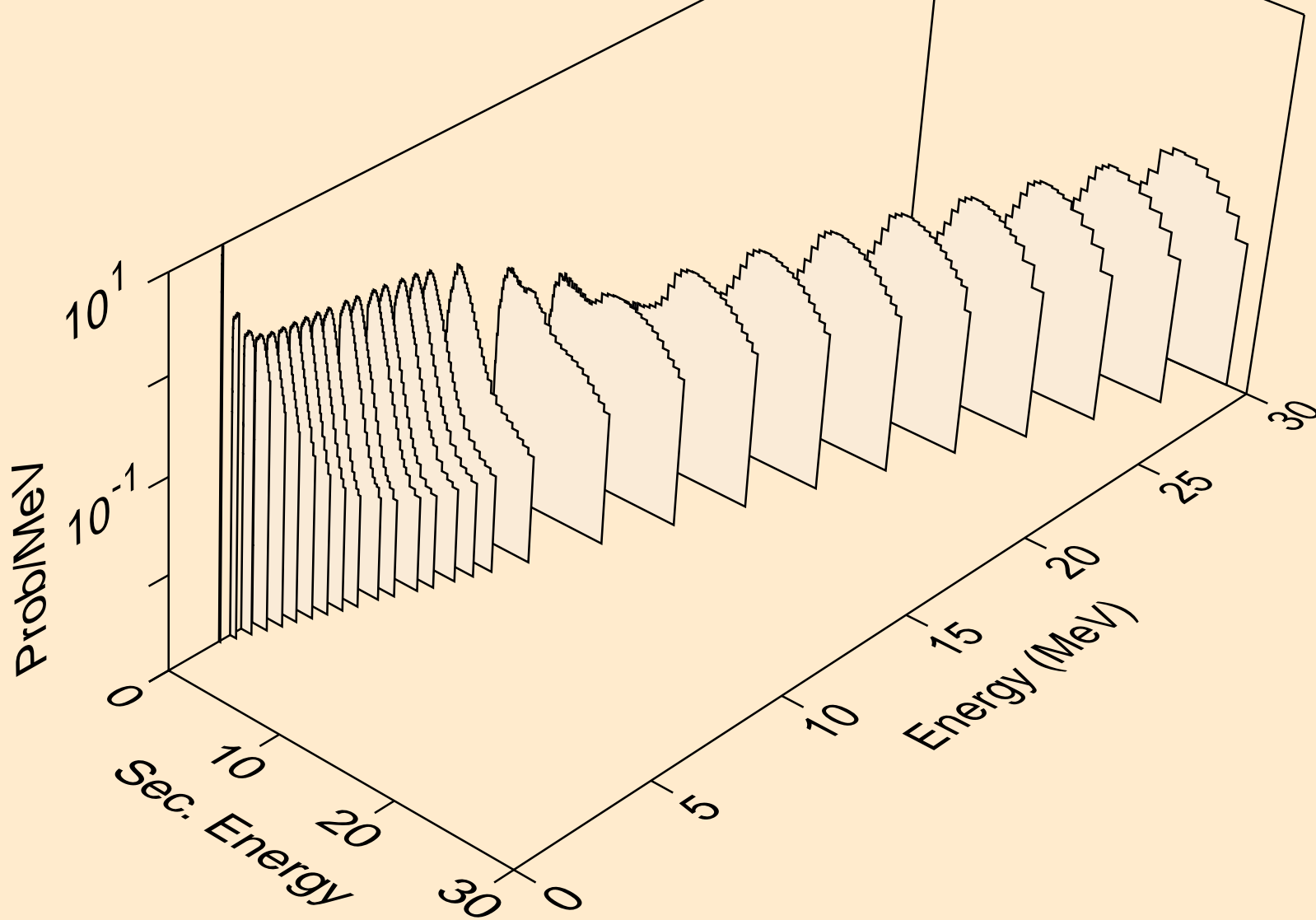




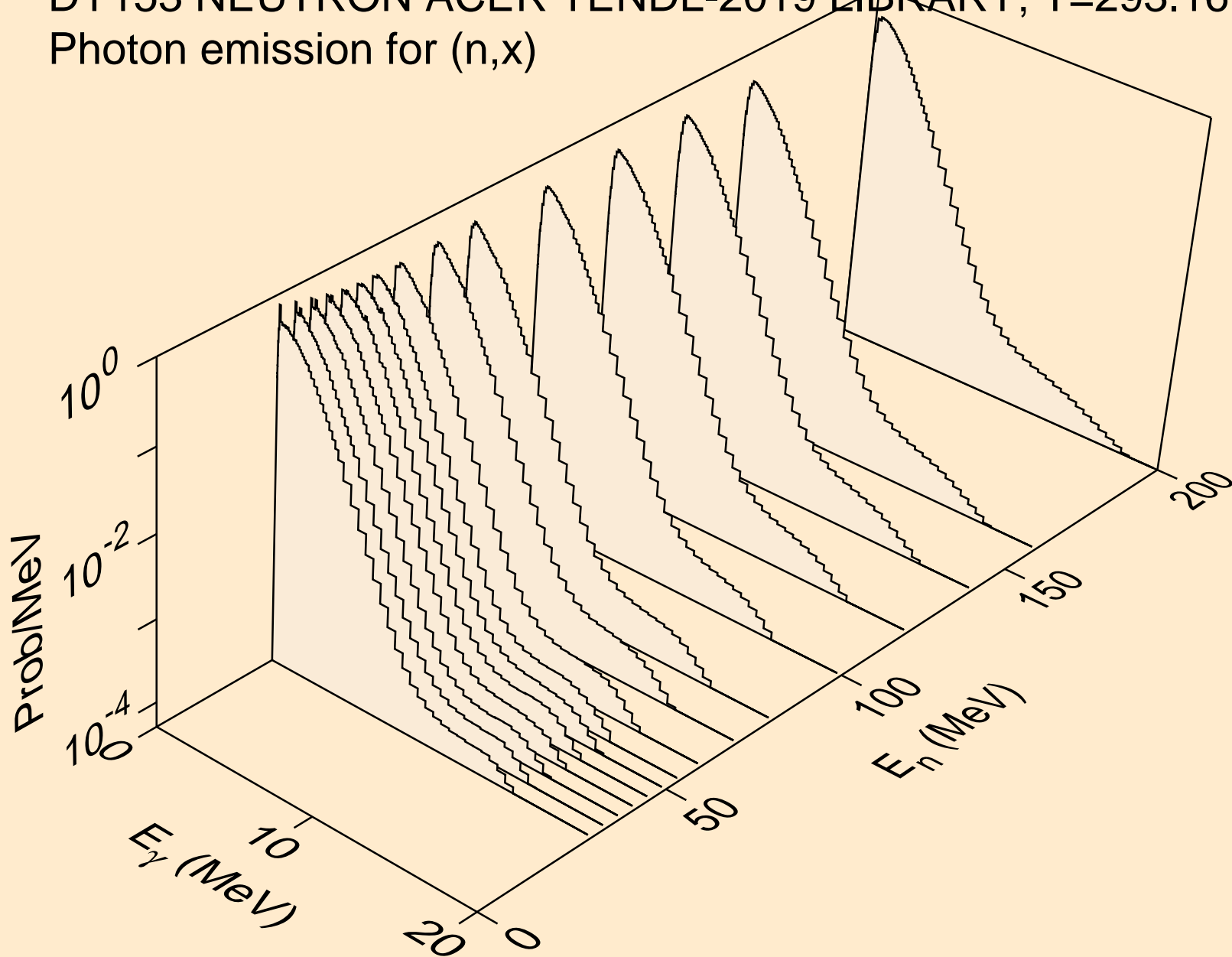
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



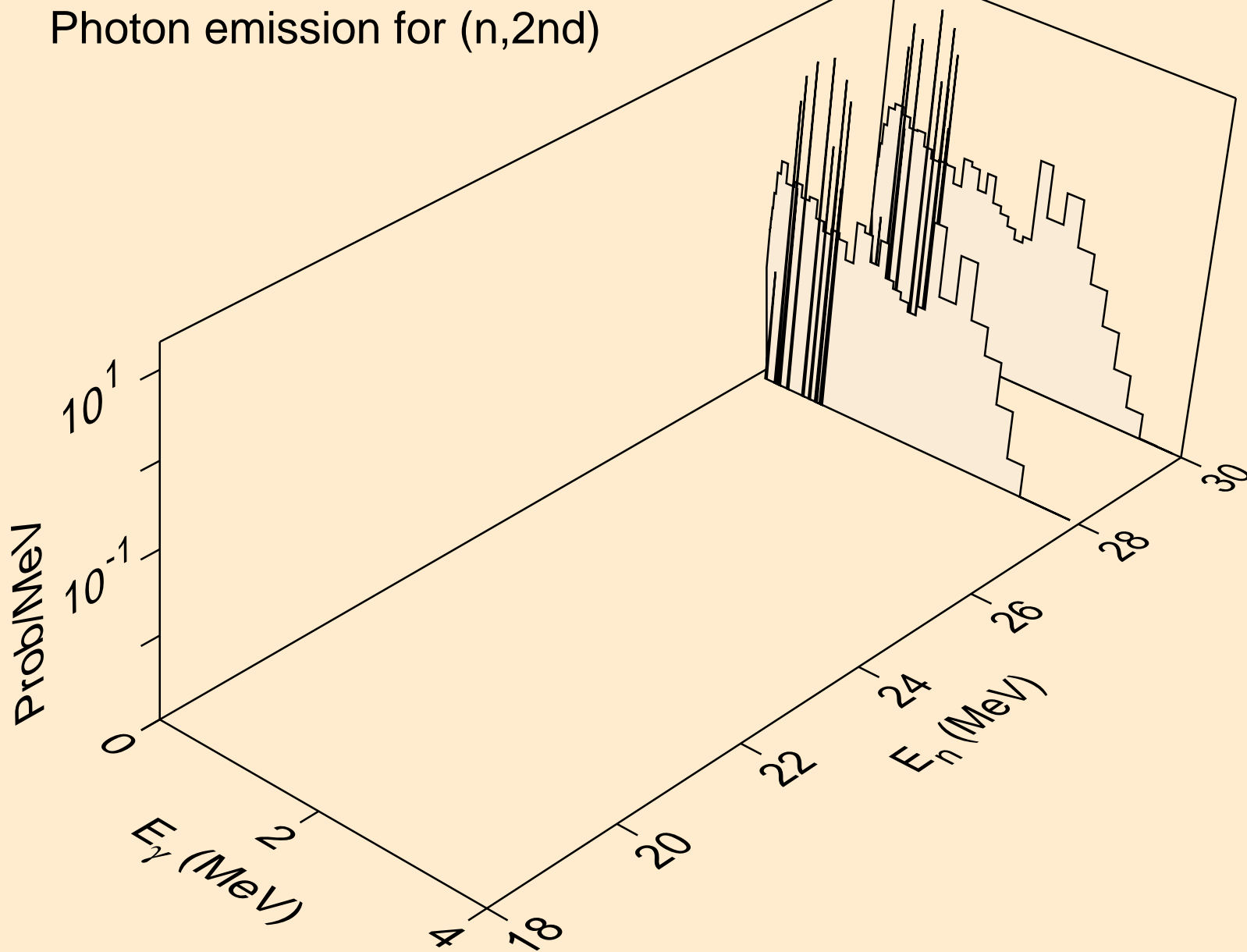
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



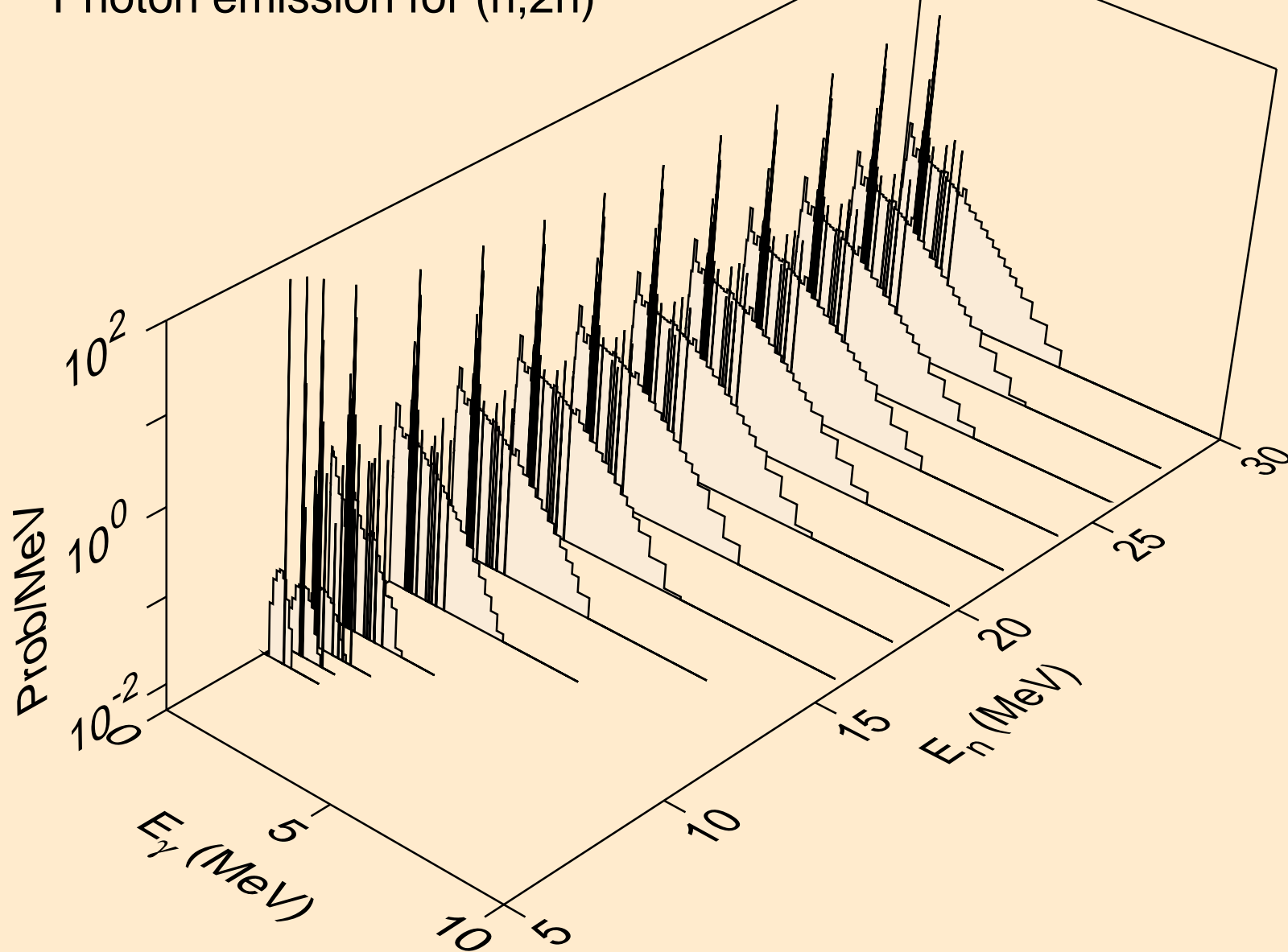
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



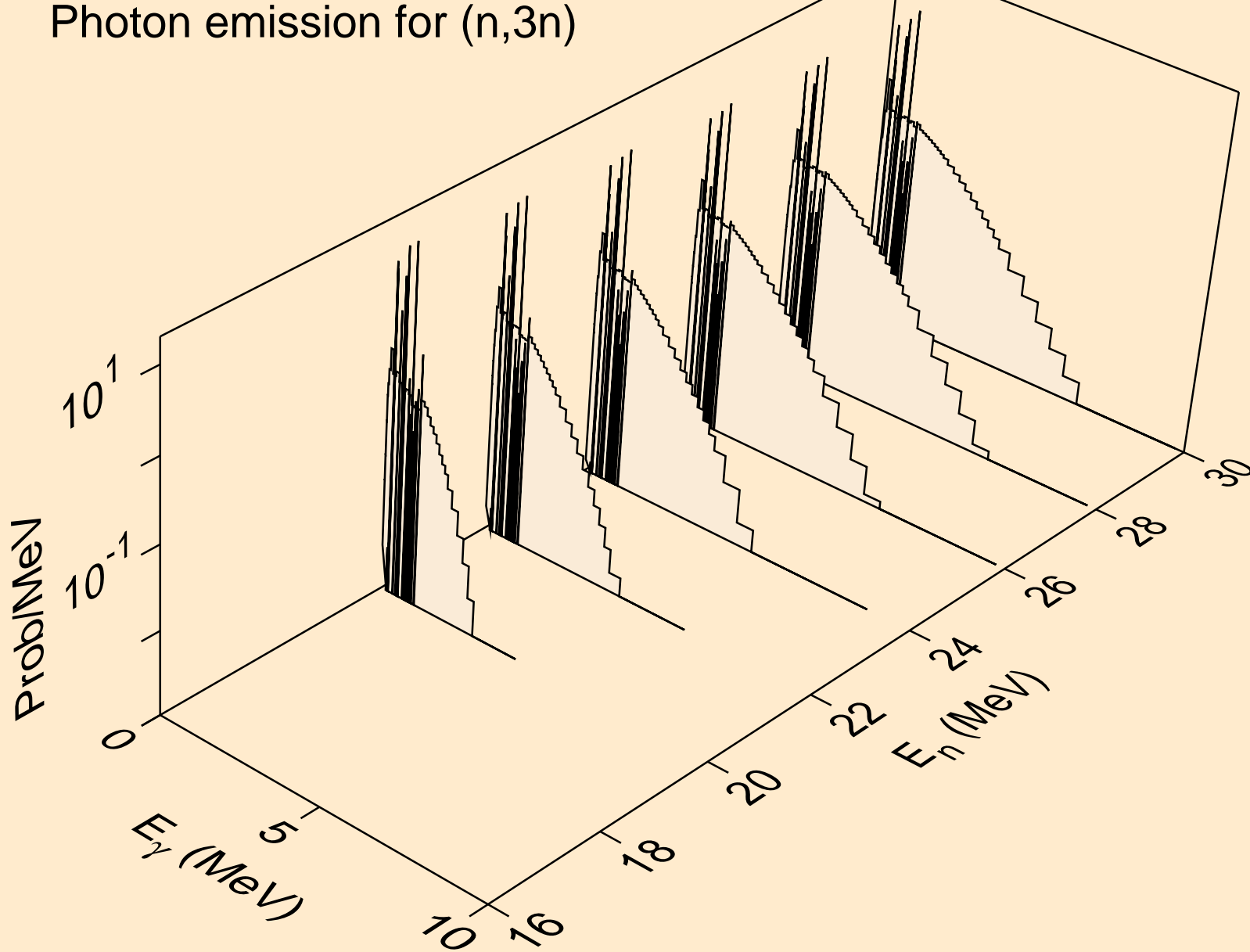
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



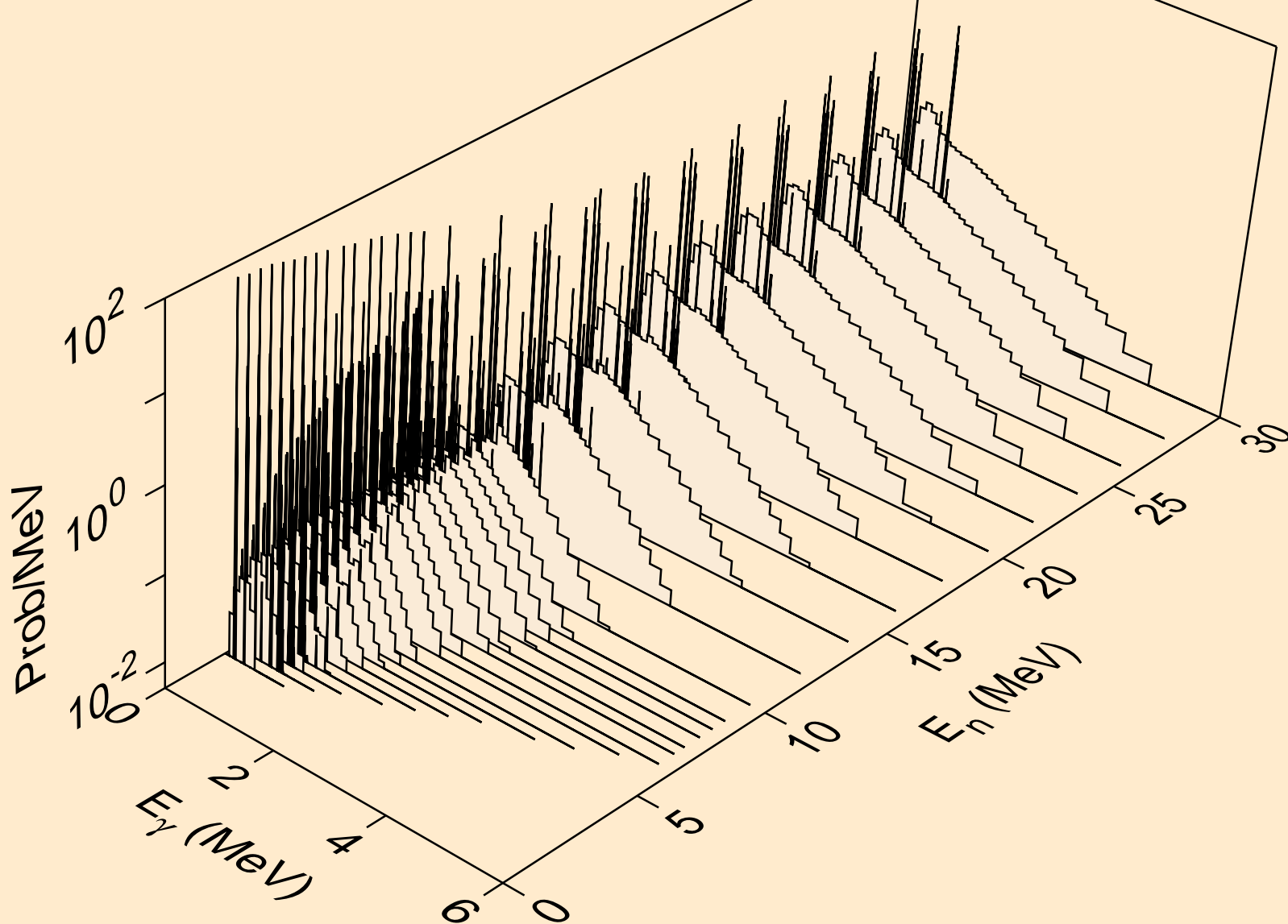
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



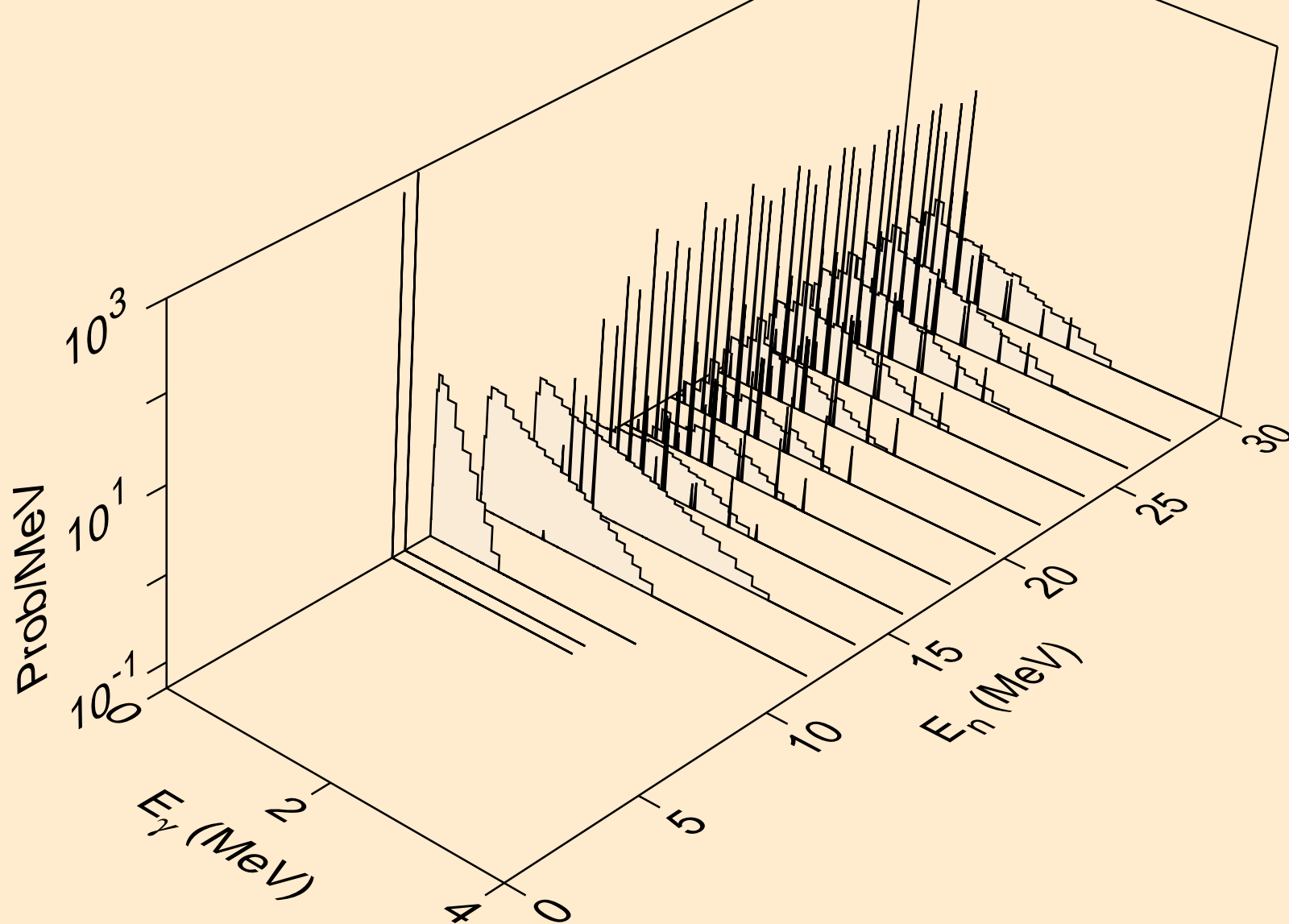
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a

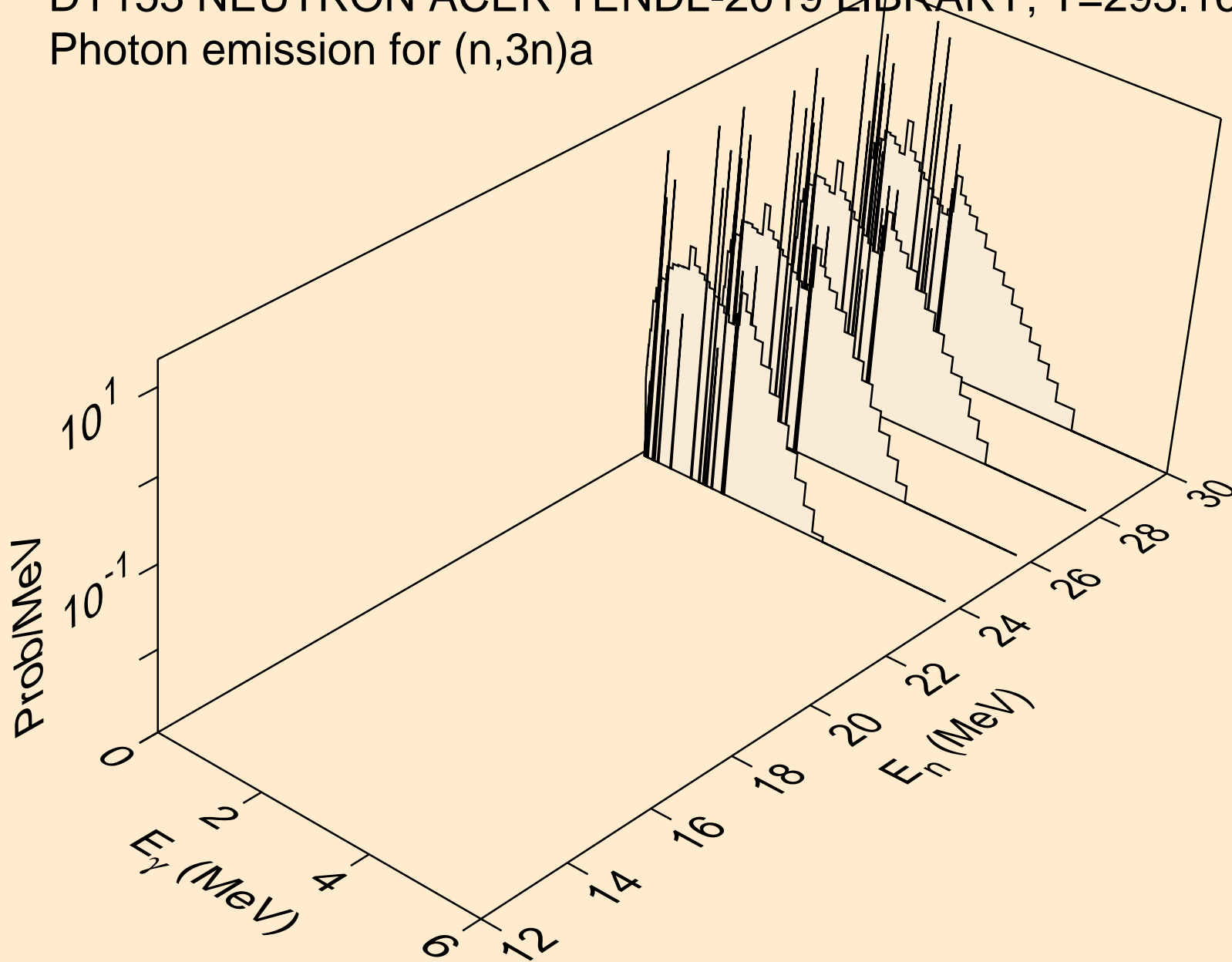


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n) $\alpha$

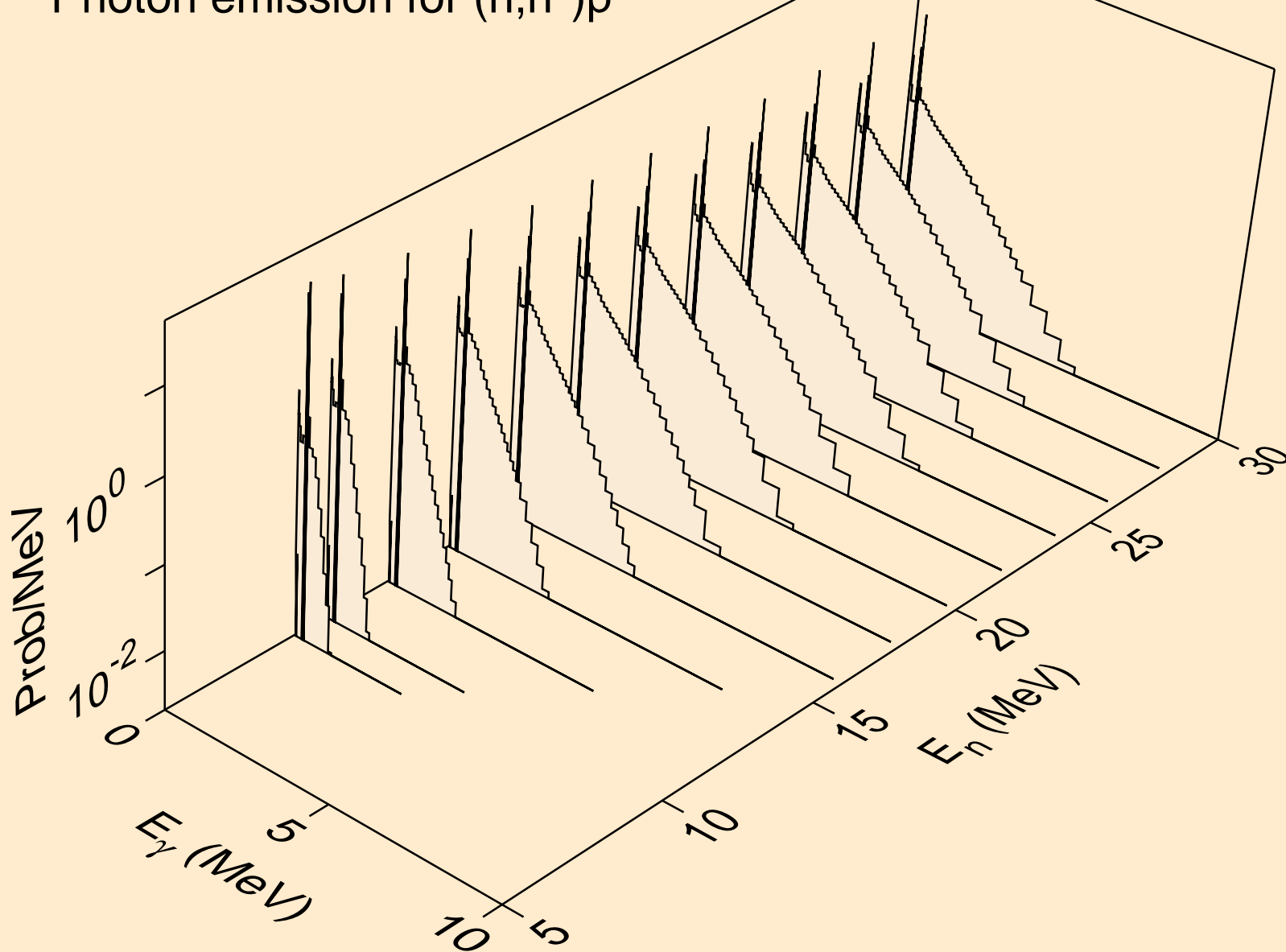




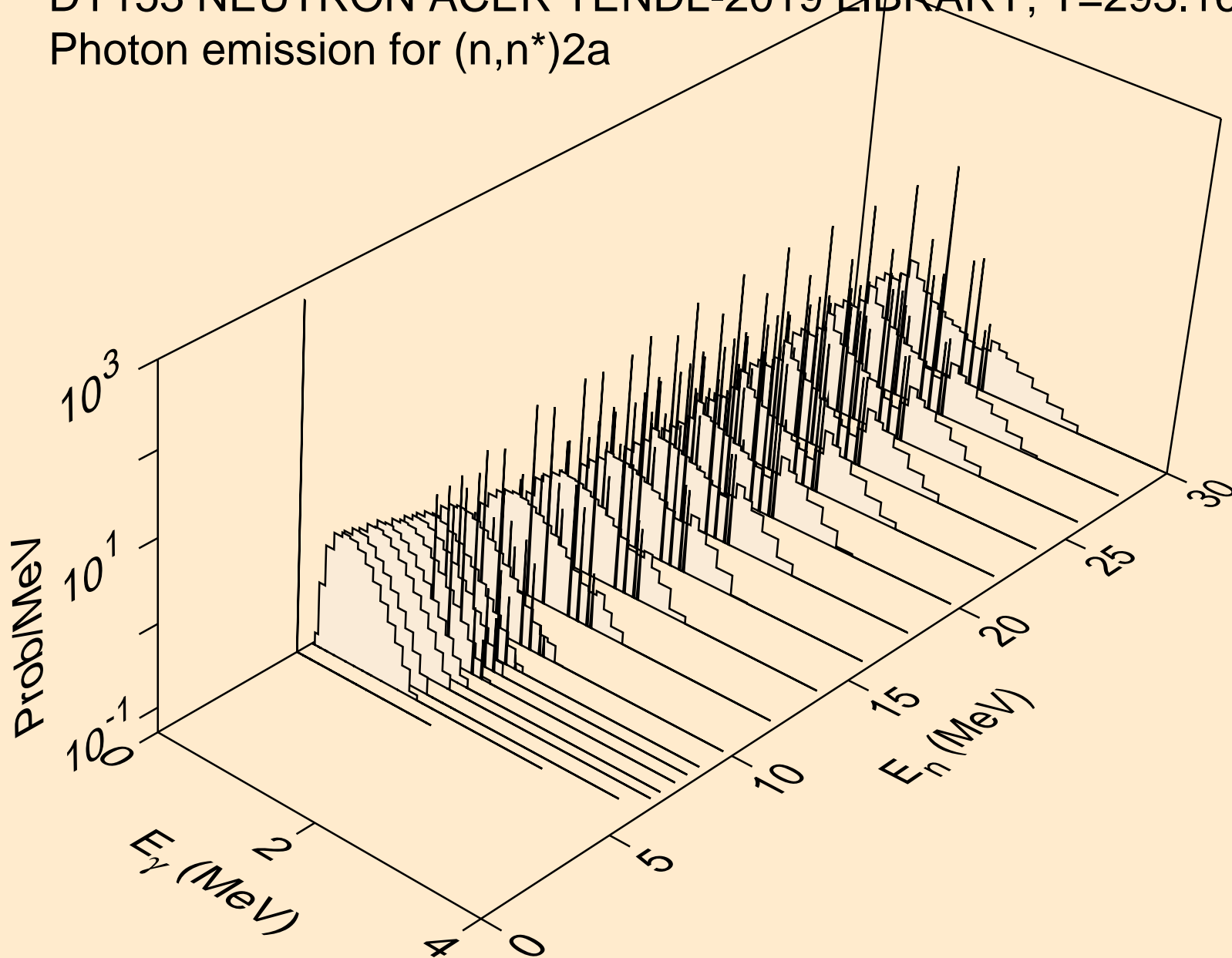
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



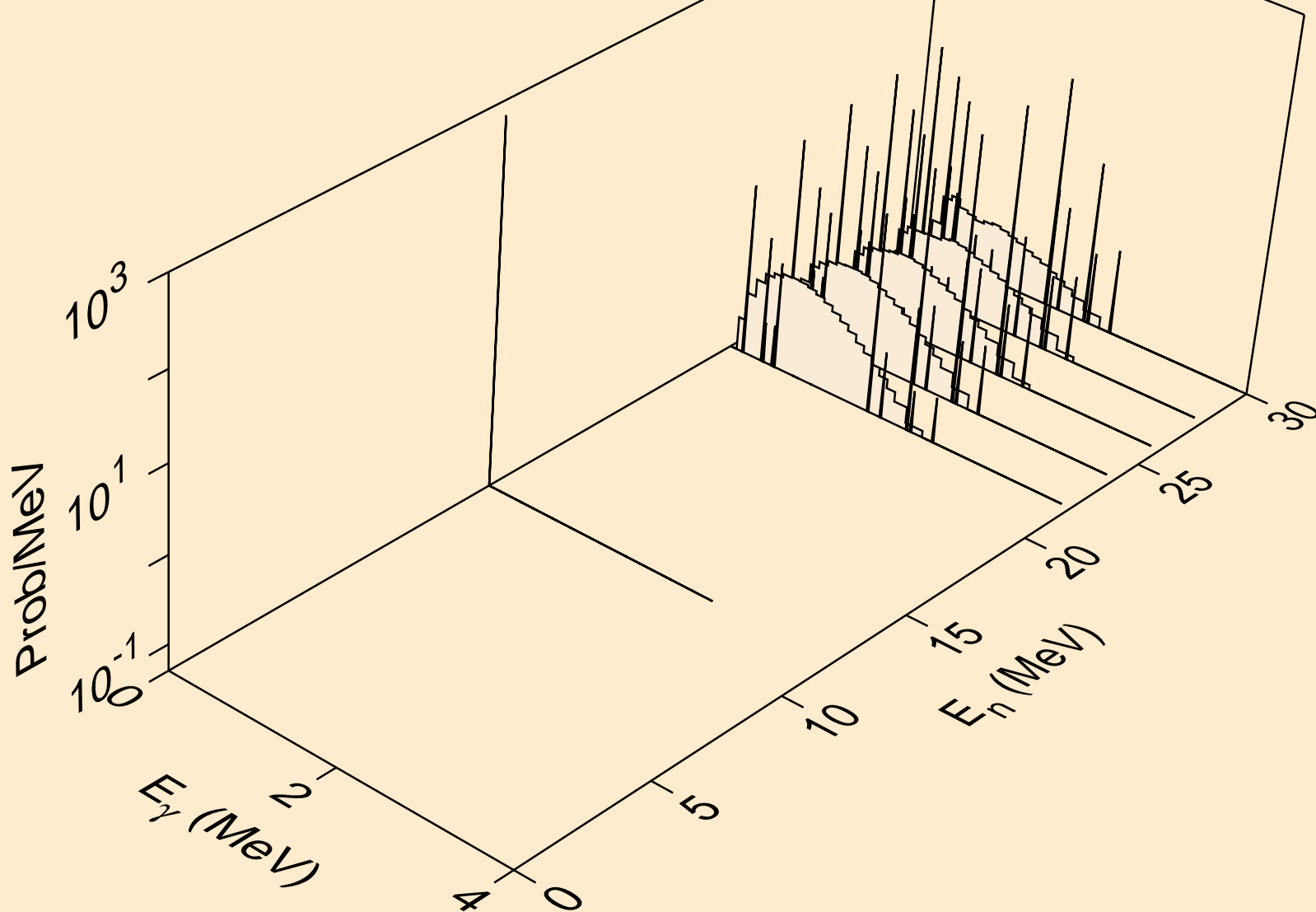
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



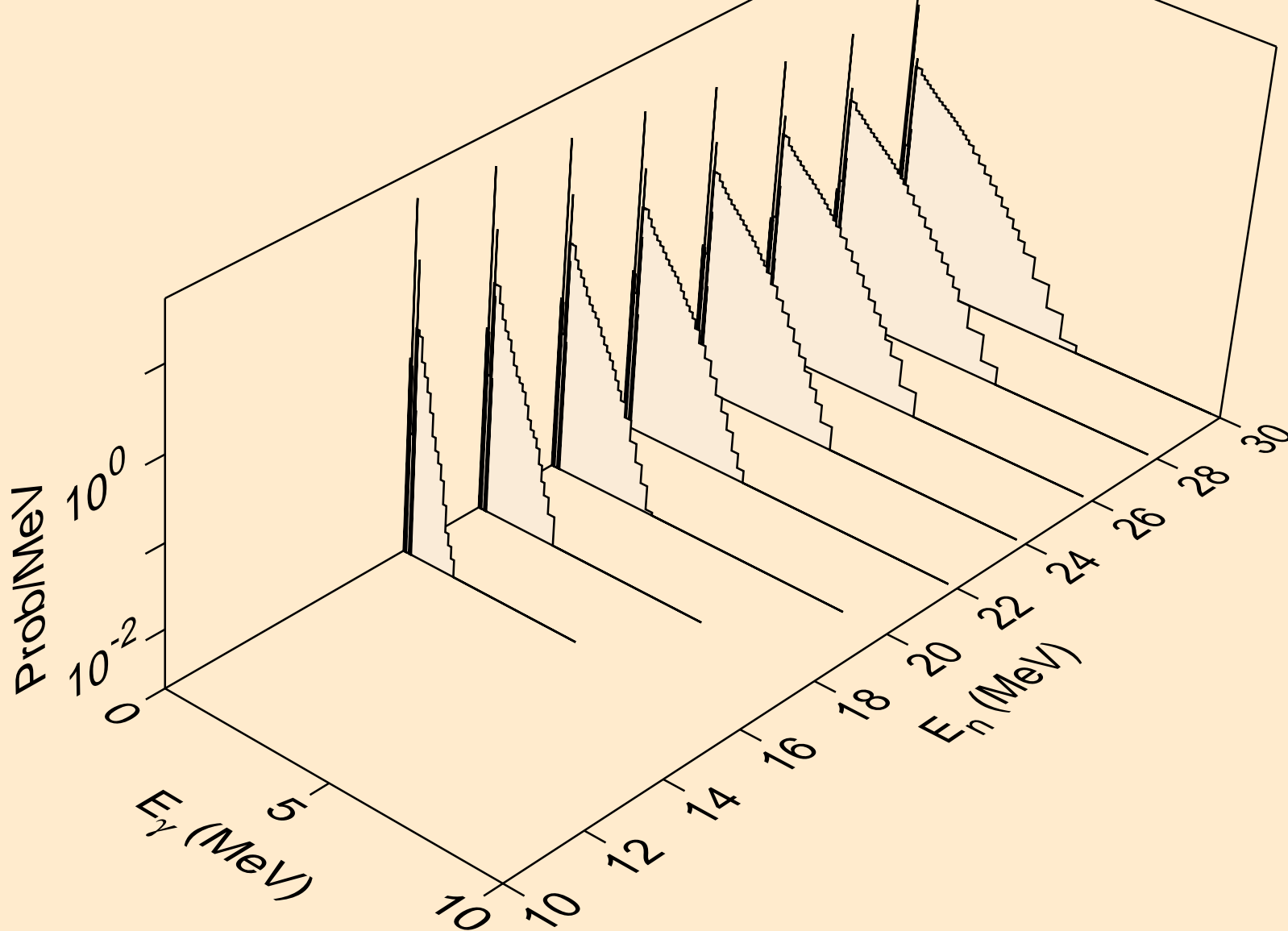
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



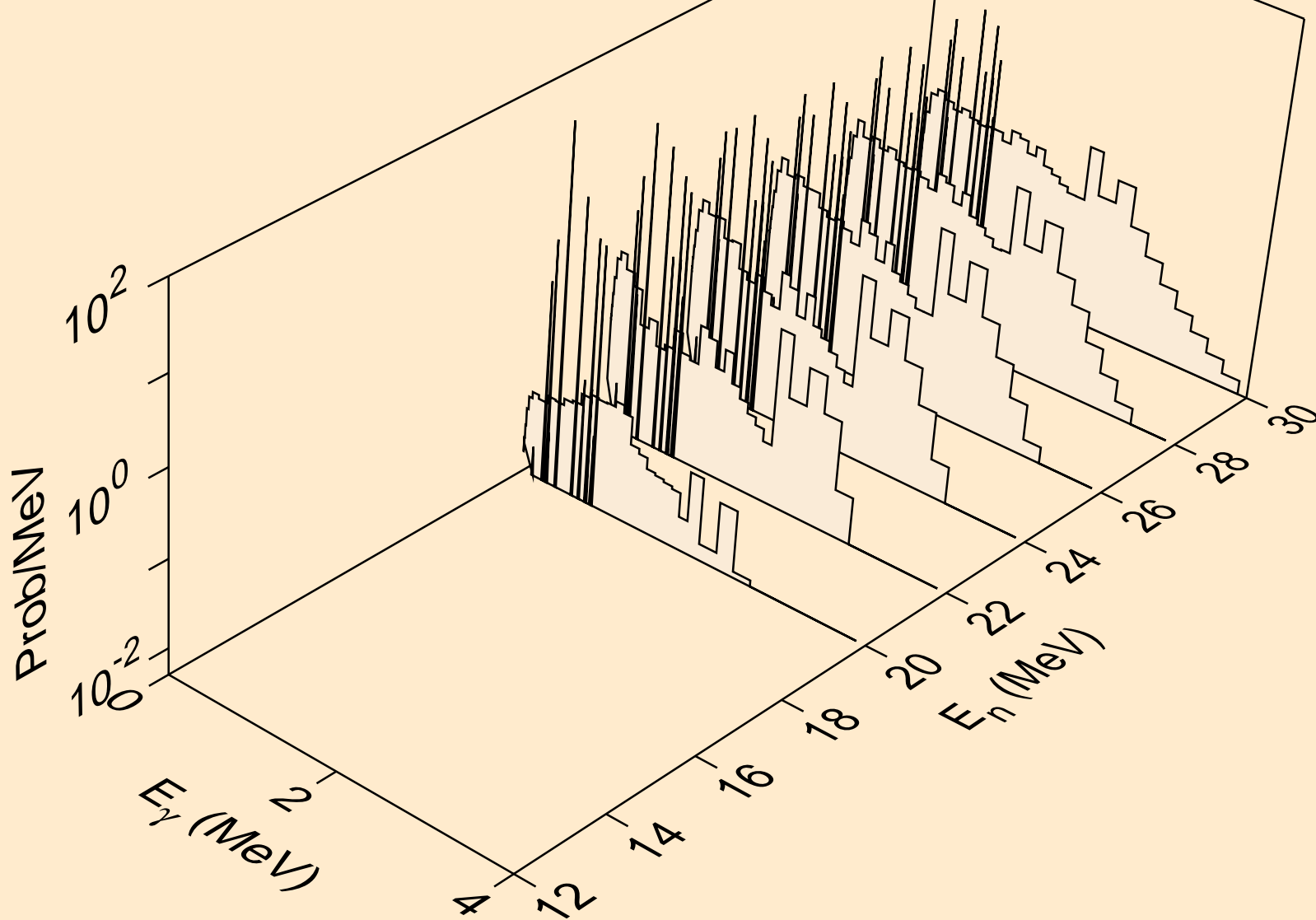
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)2a



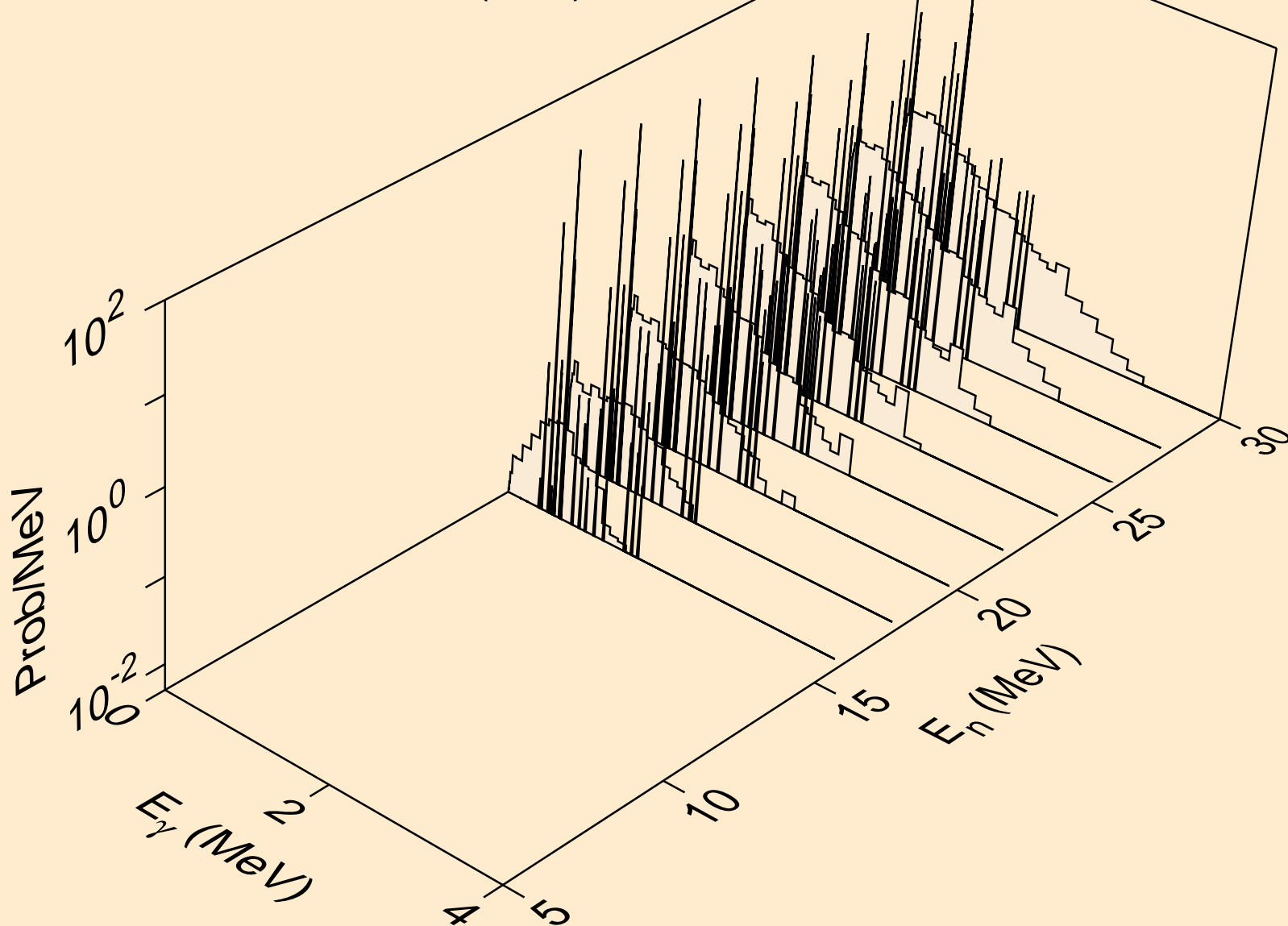
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



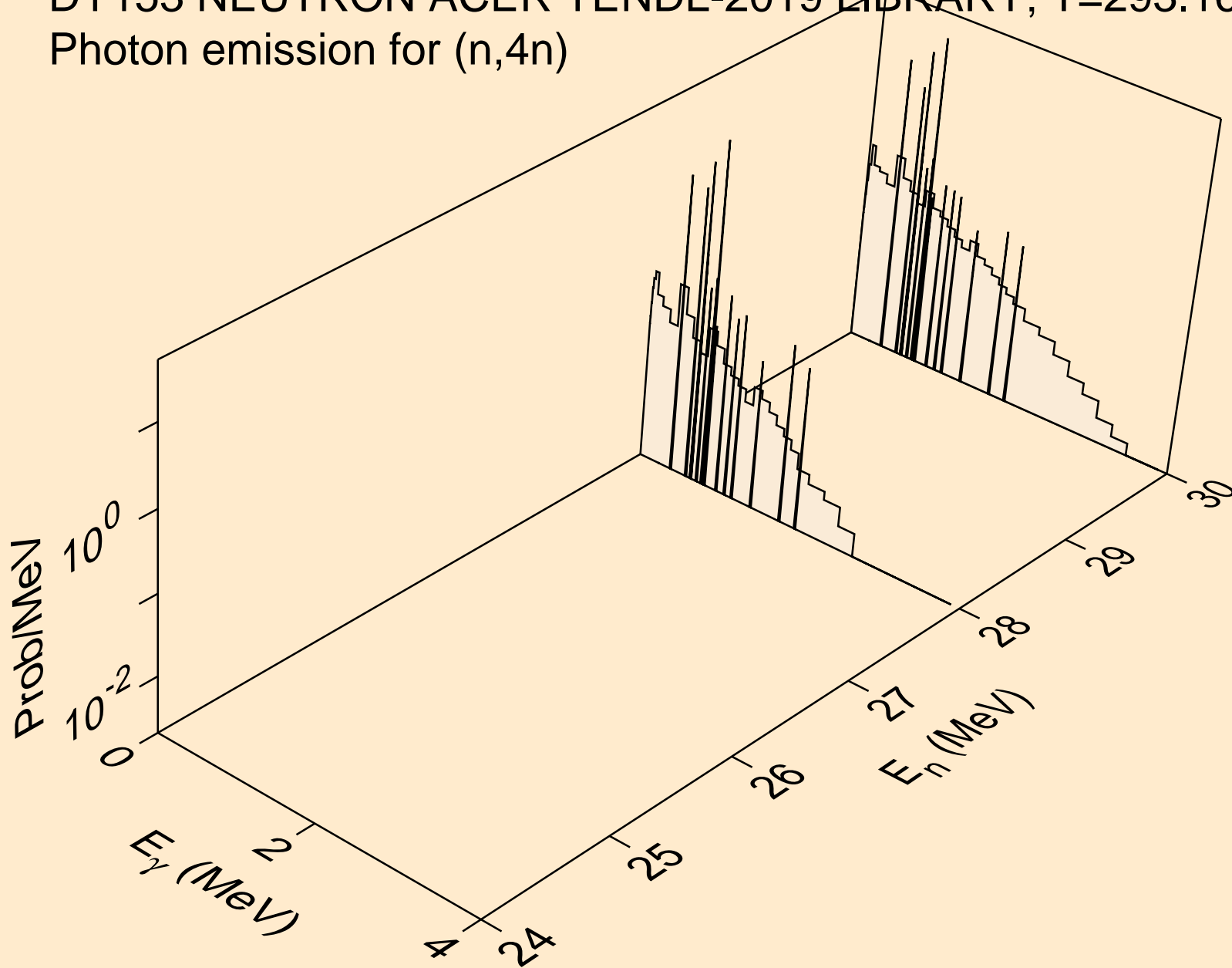
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3

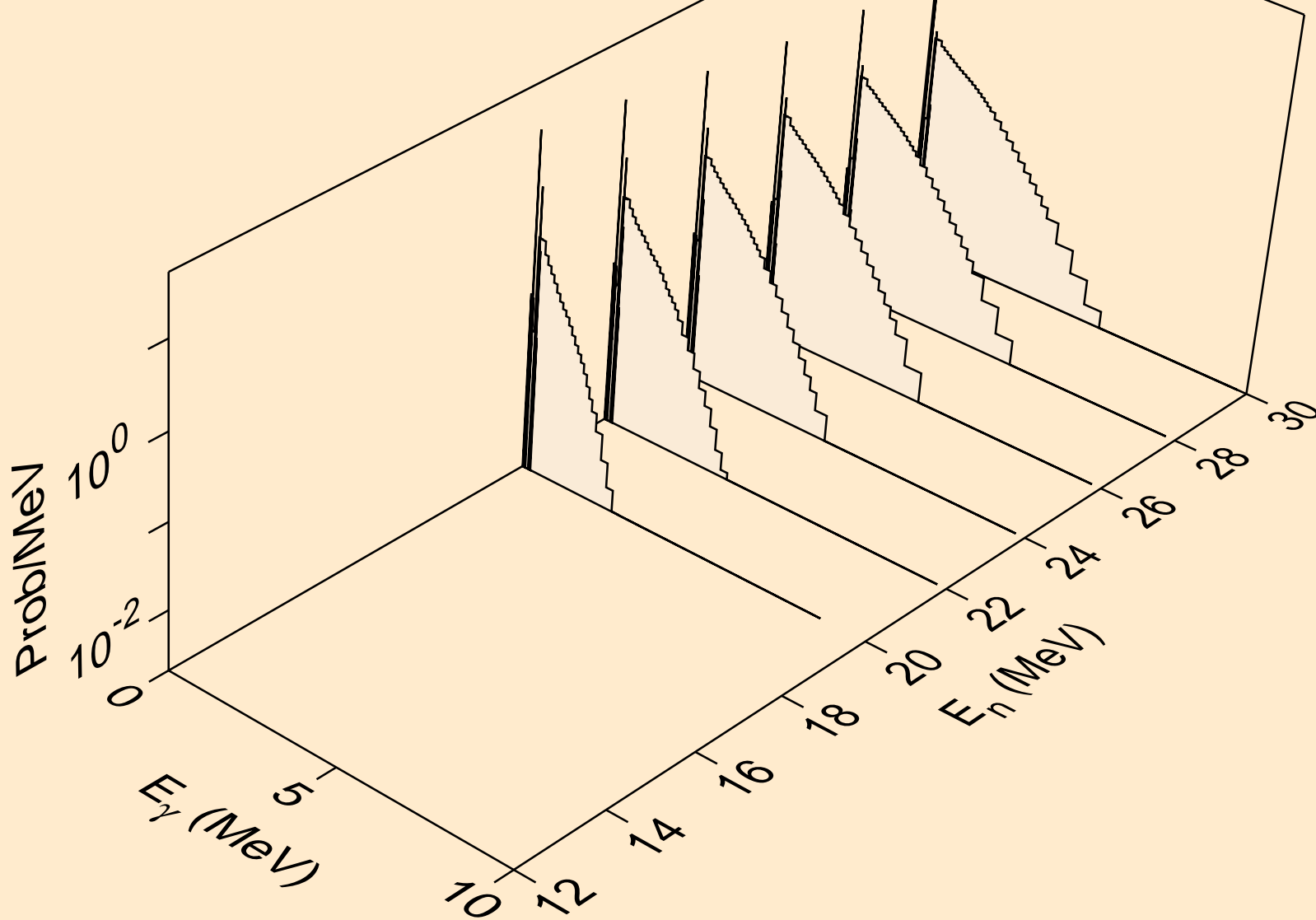


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)

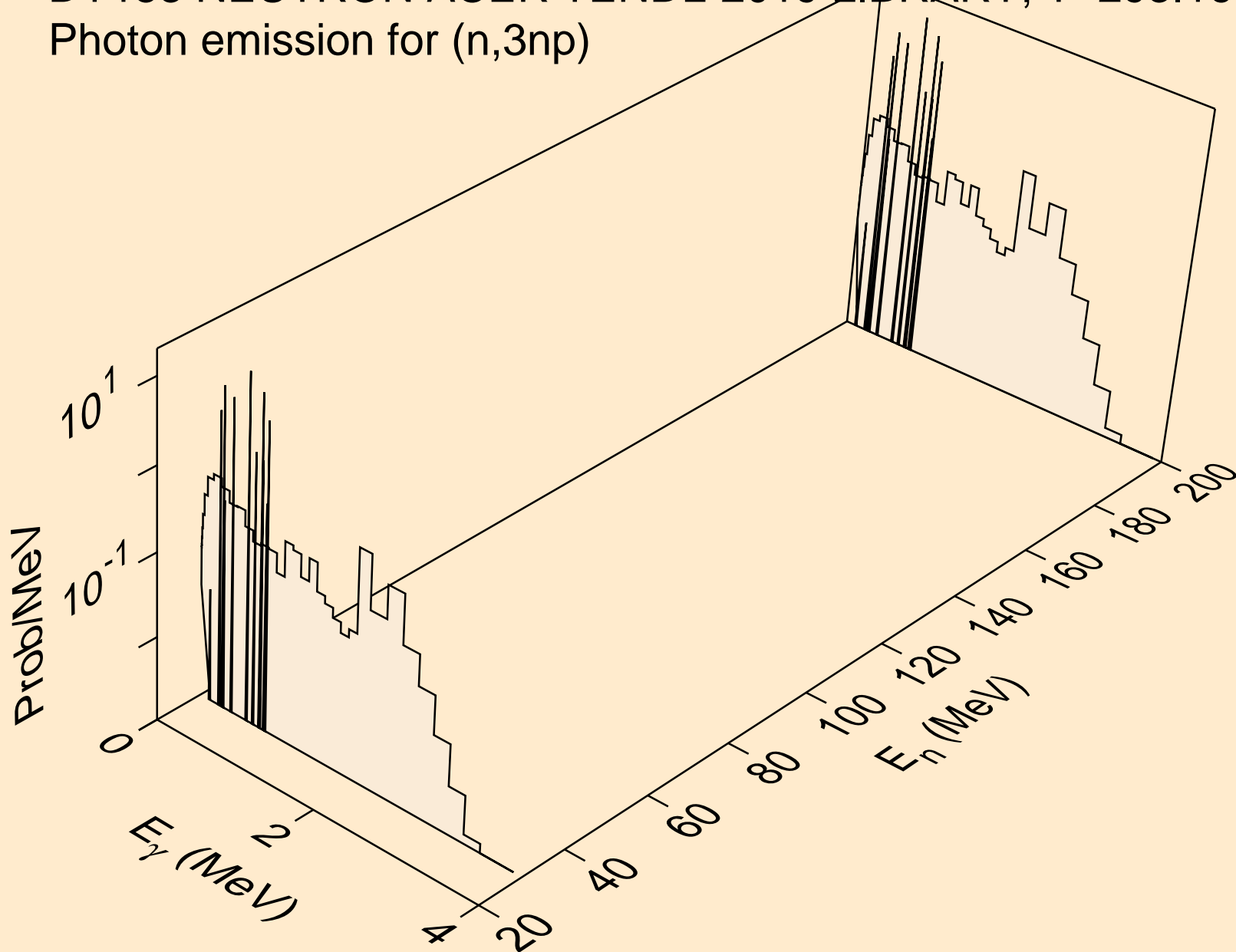




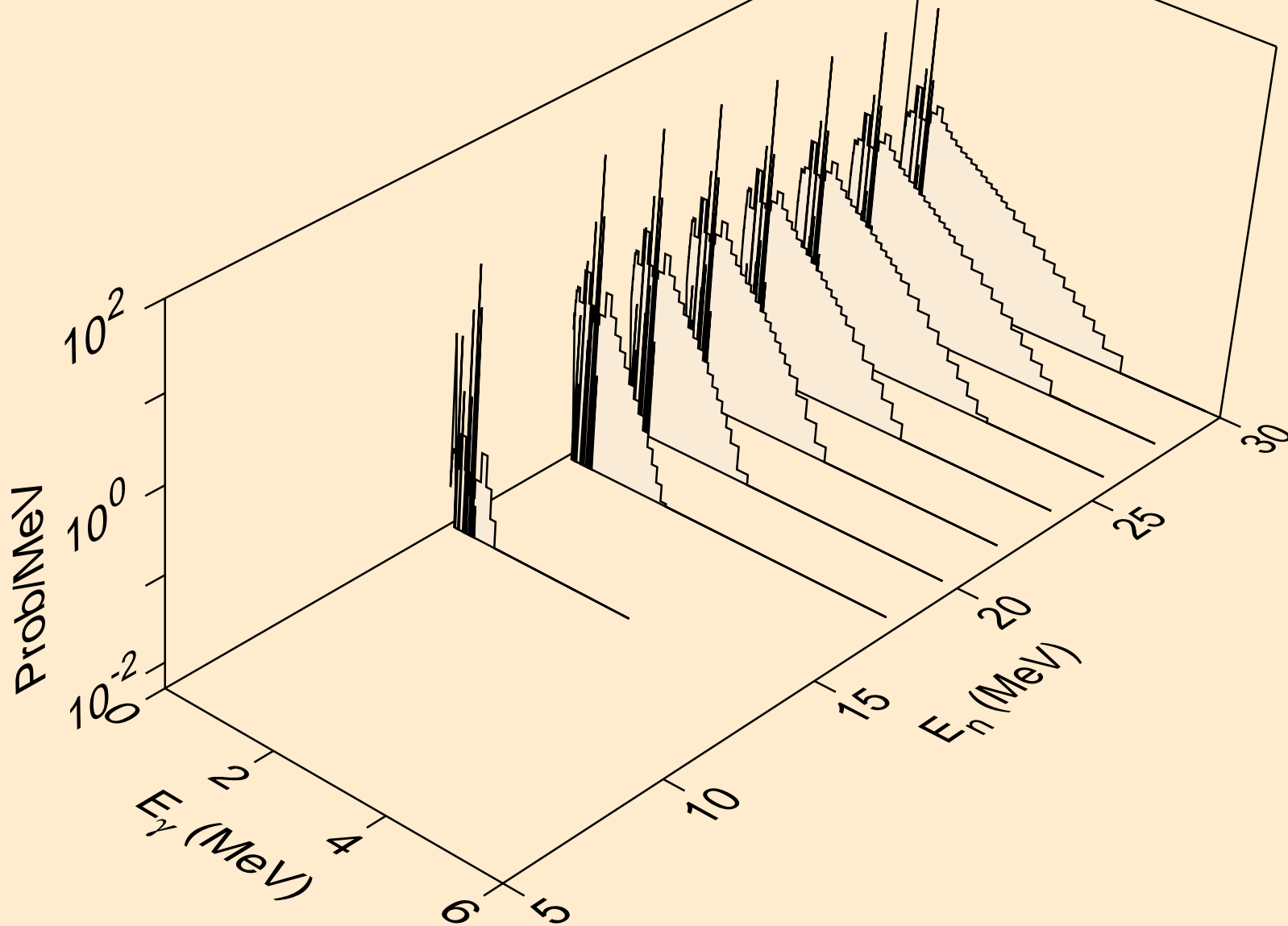
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Photon emission for (n,2np)



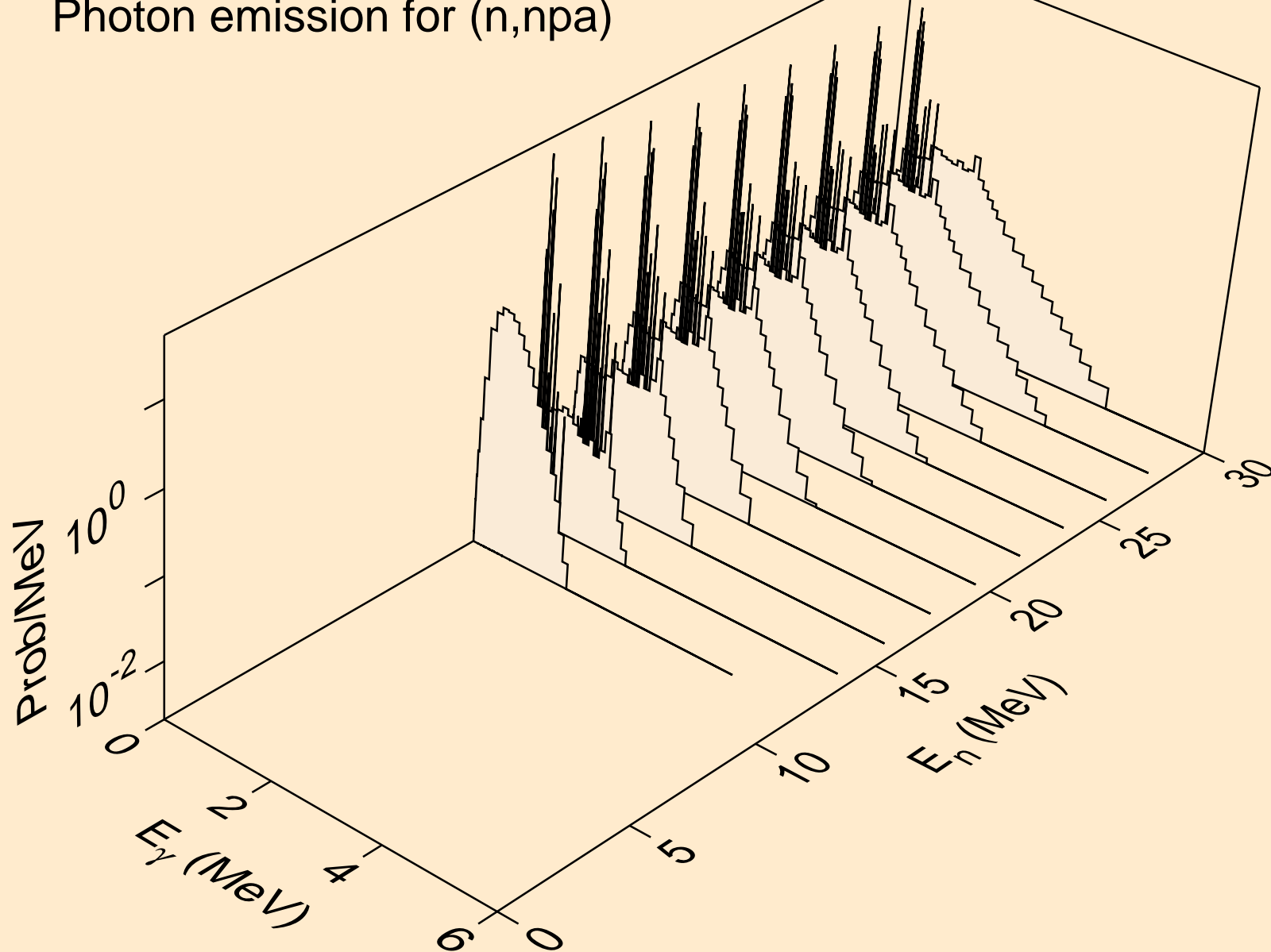
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



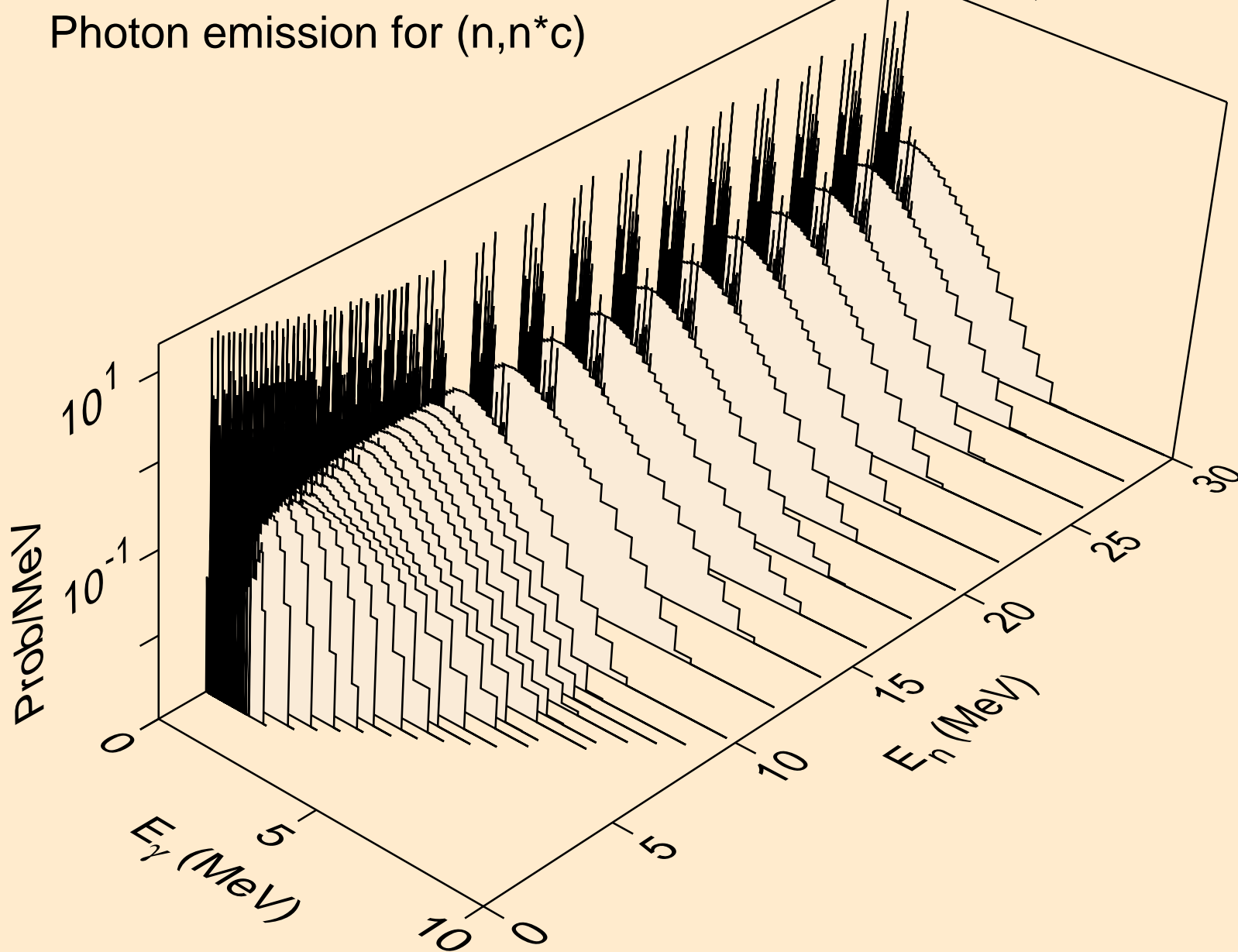
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Photon emission for (n,2np)



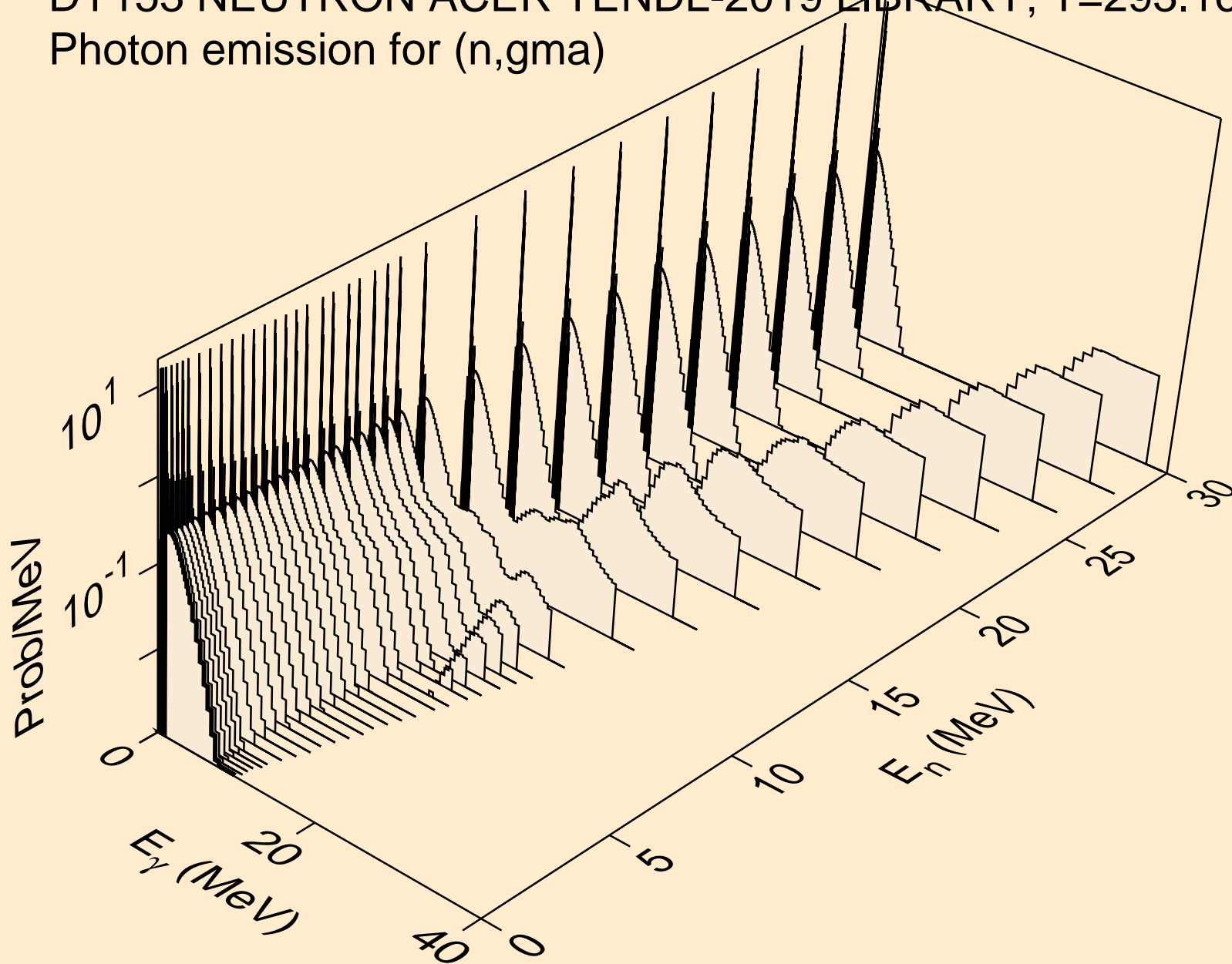
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



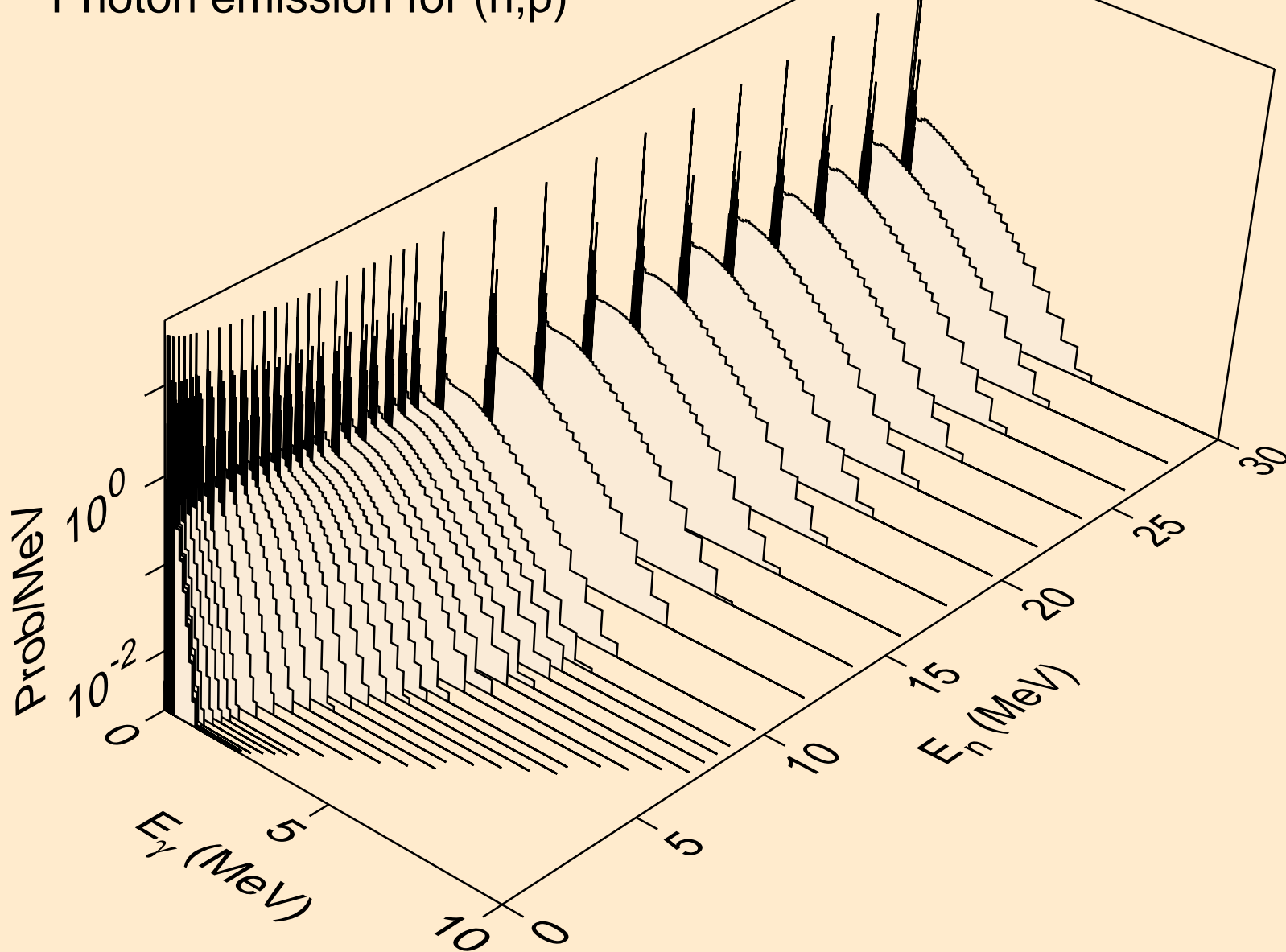
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



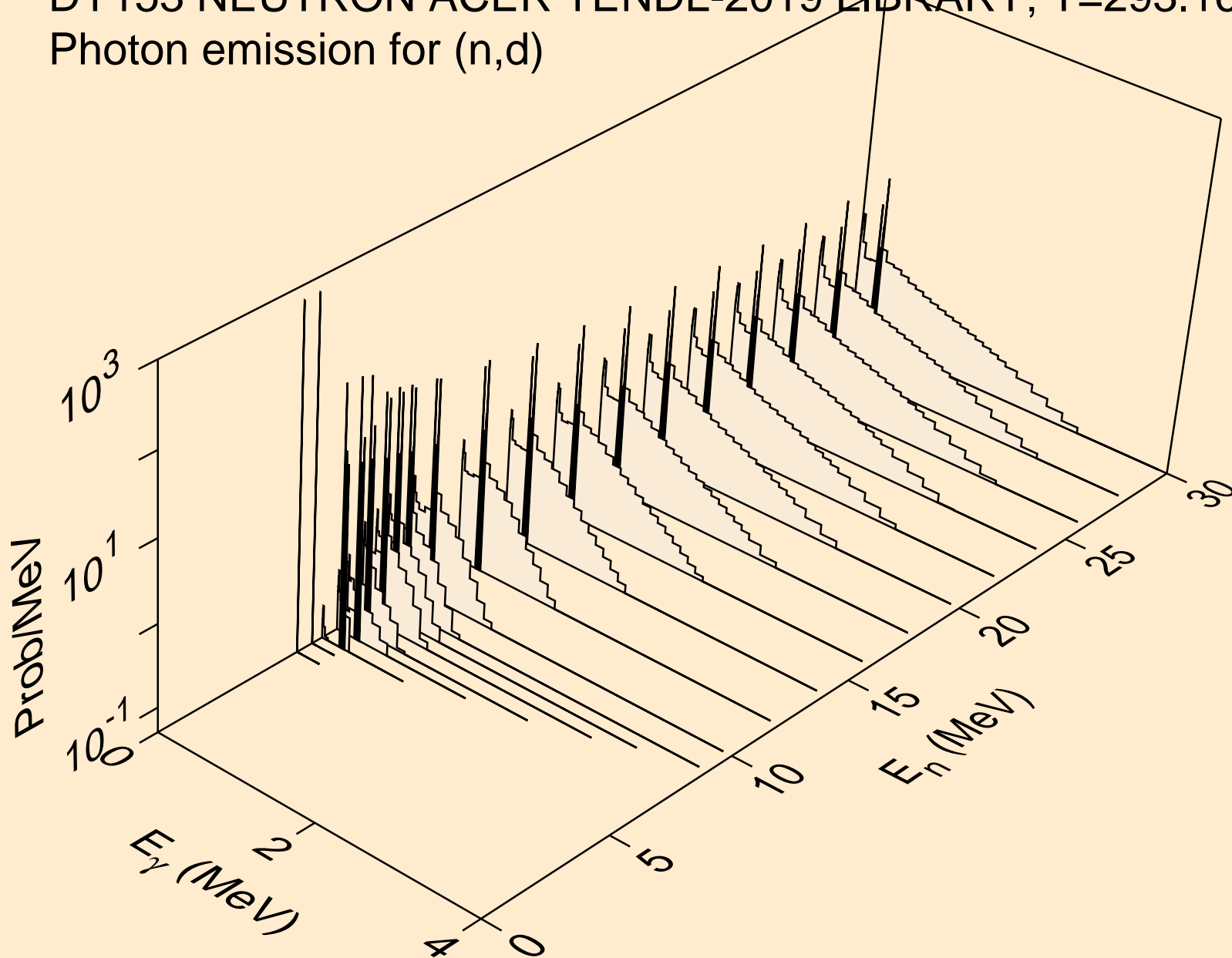
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)

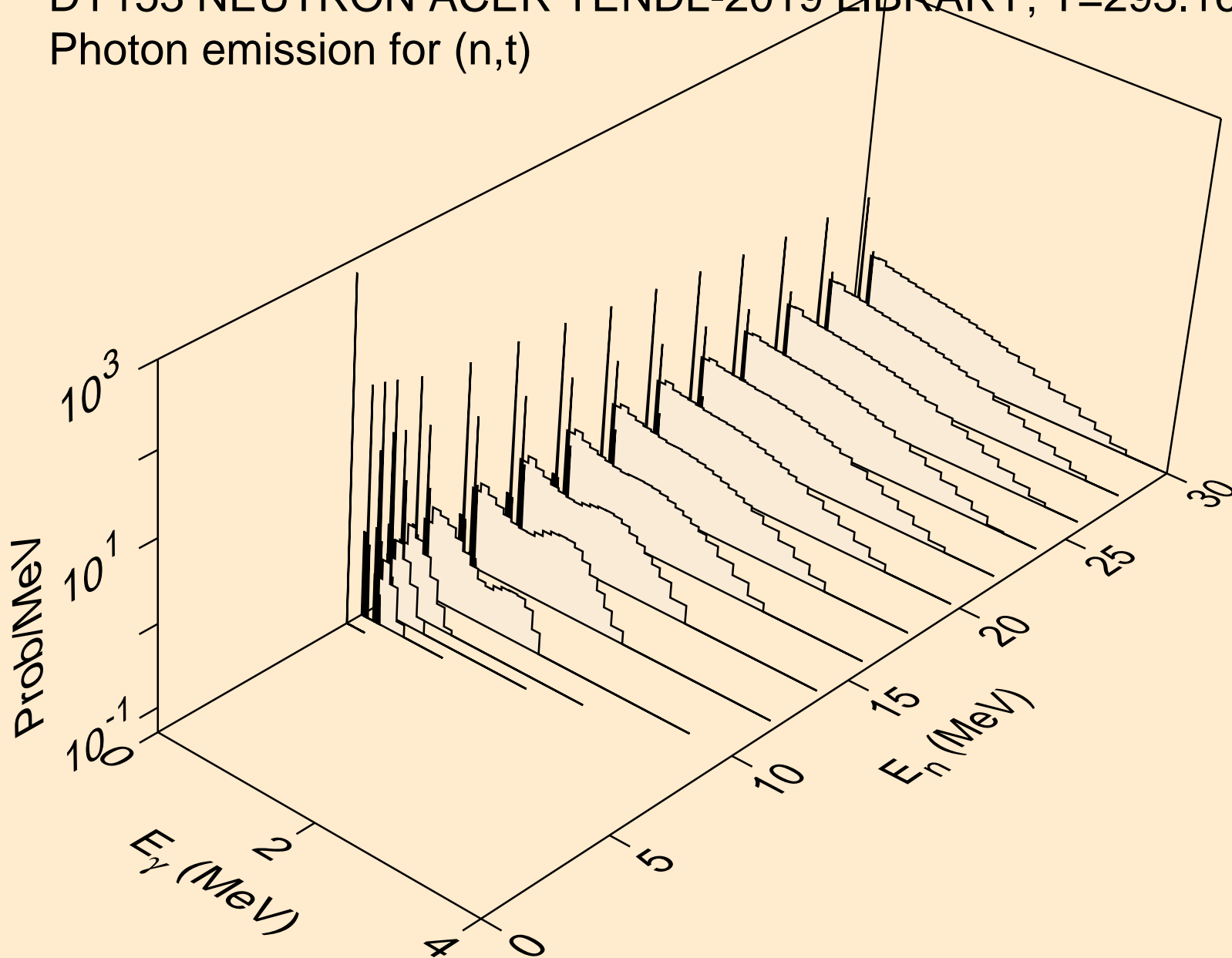


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)

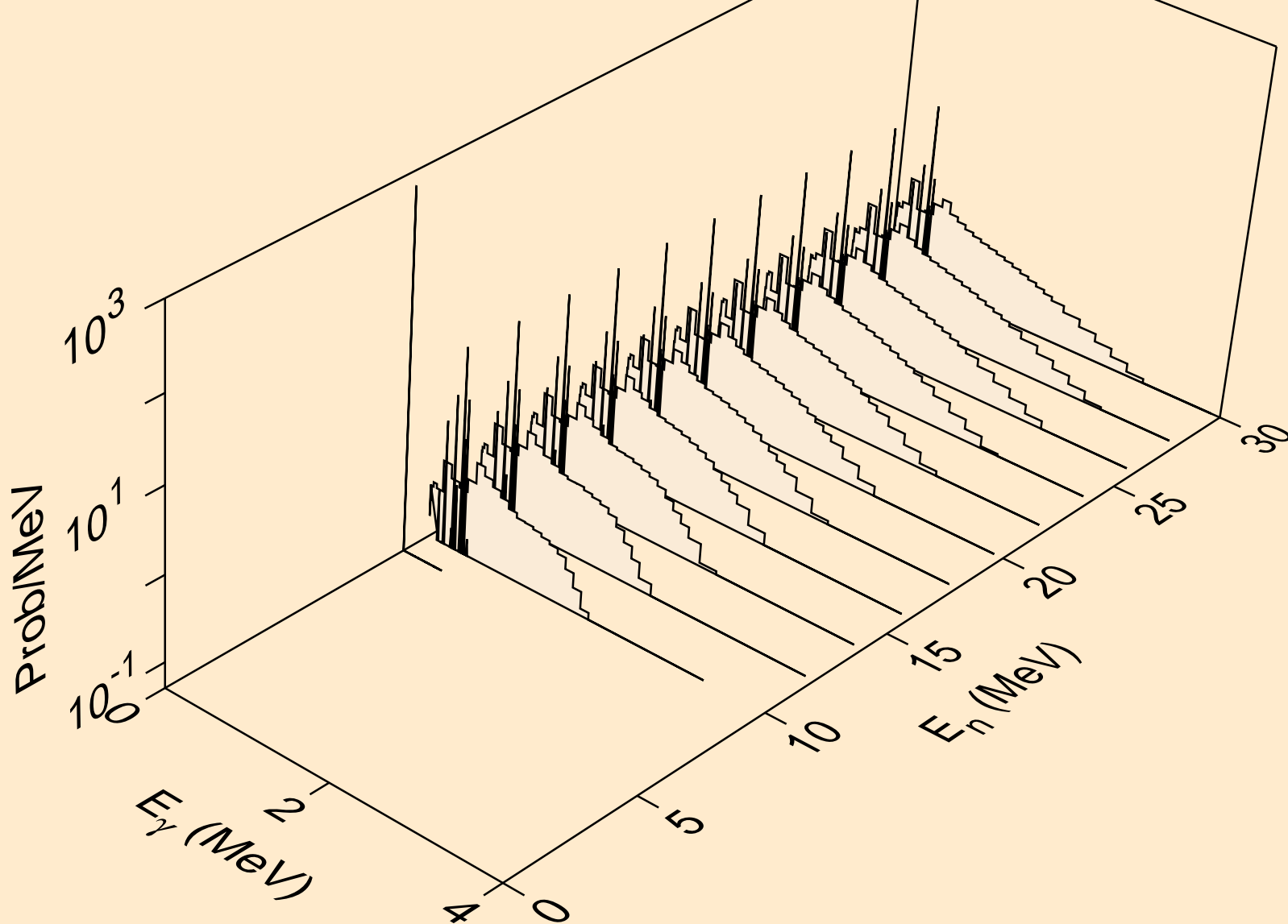




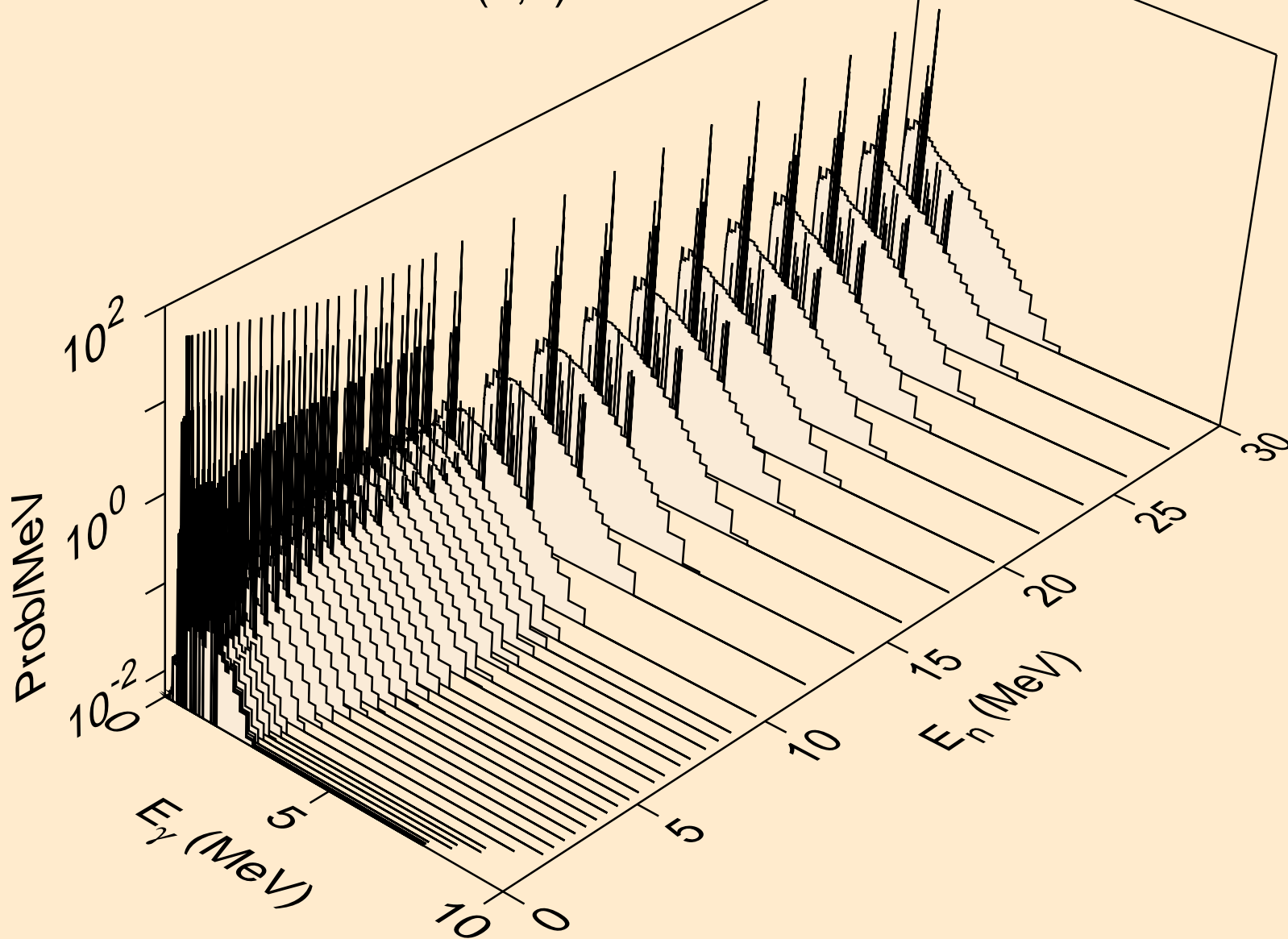
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



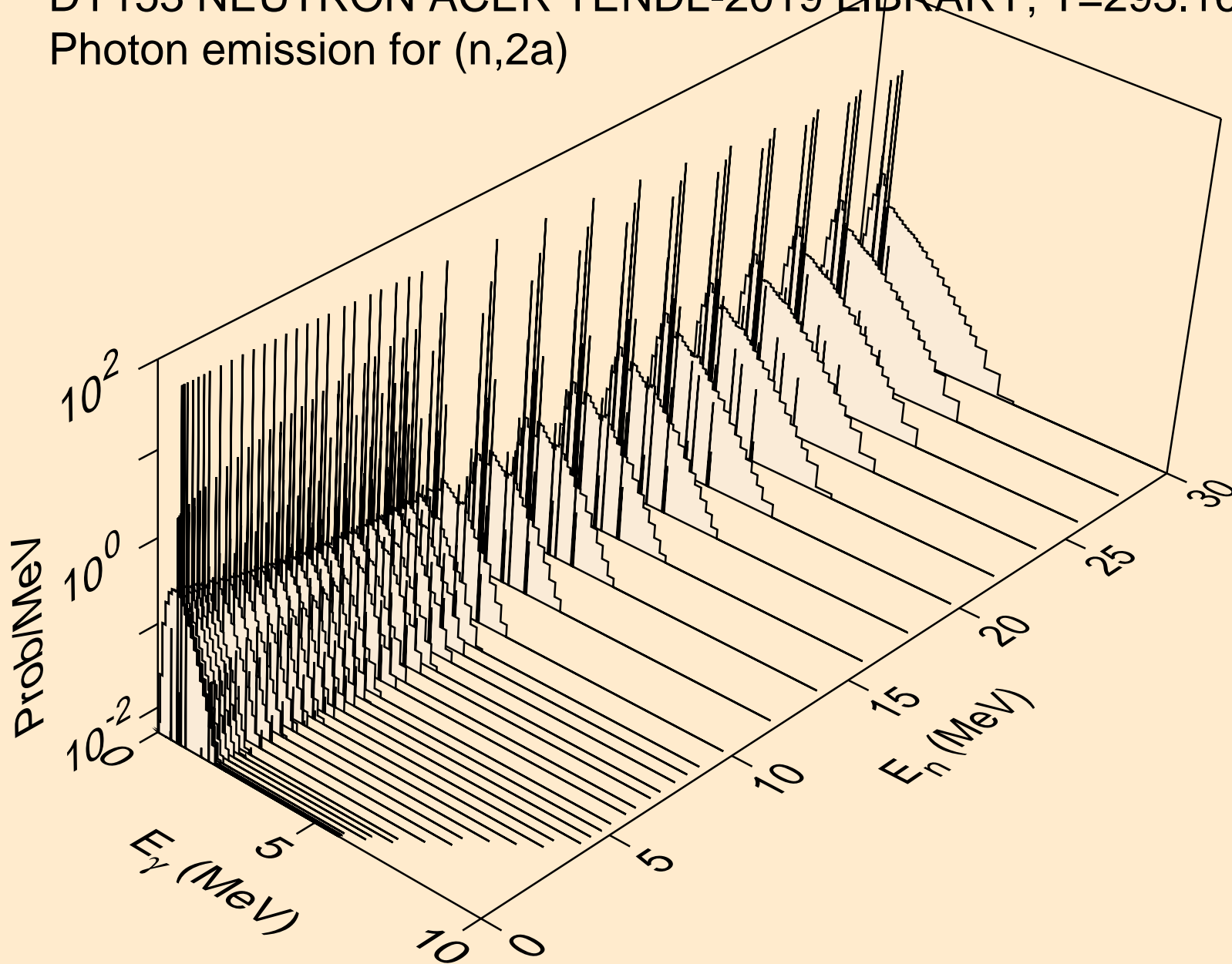
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



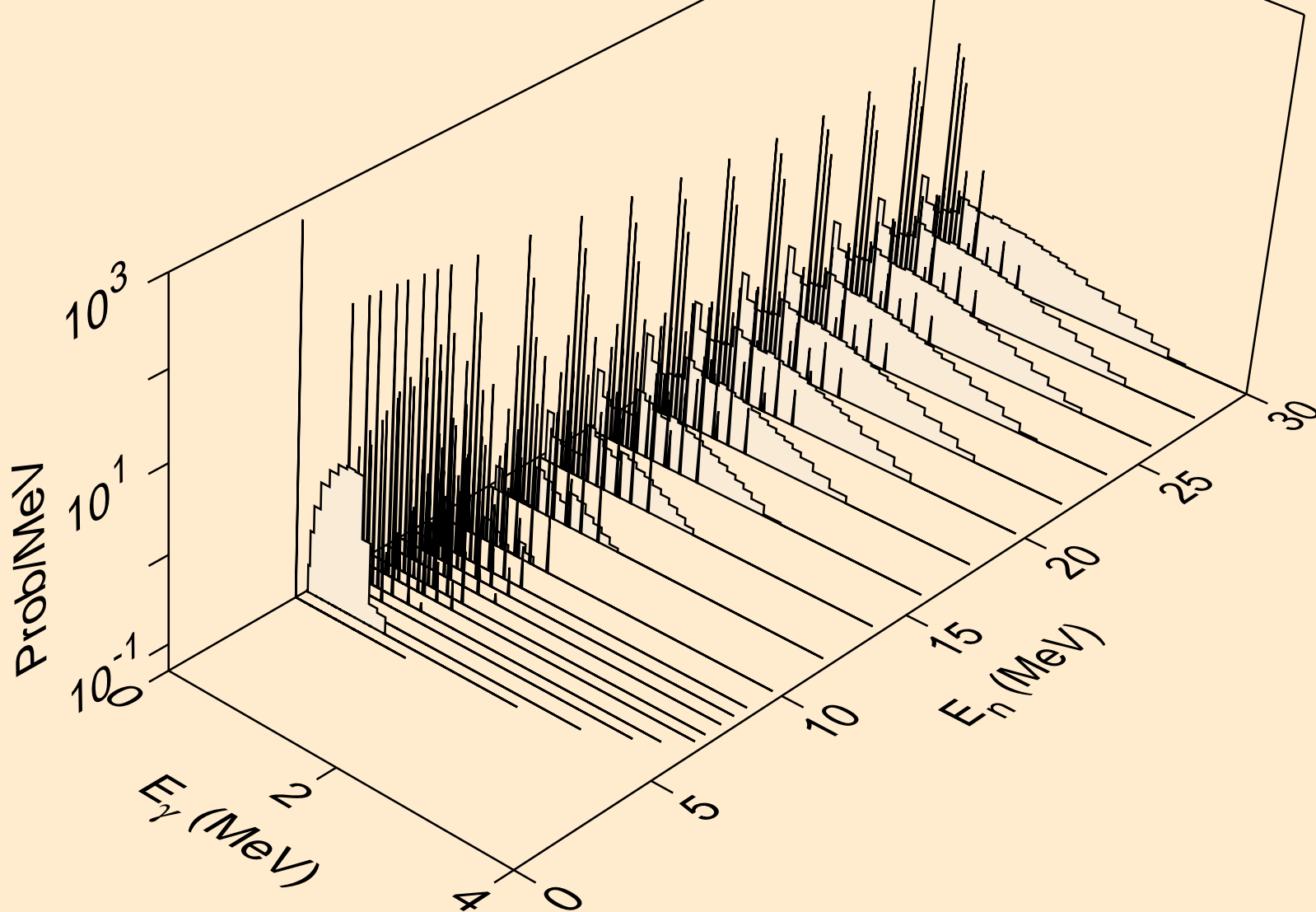
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Photon emission for (n,a)



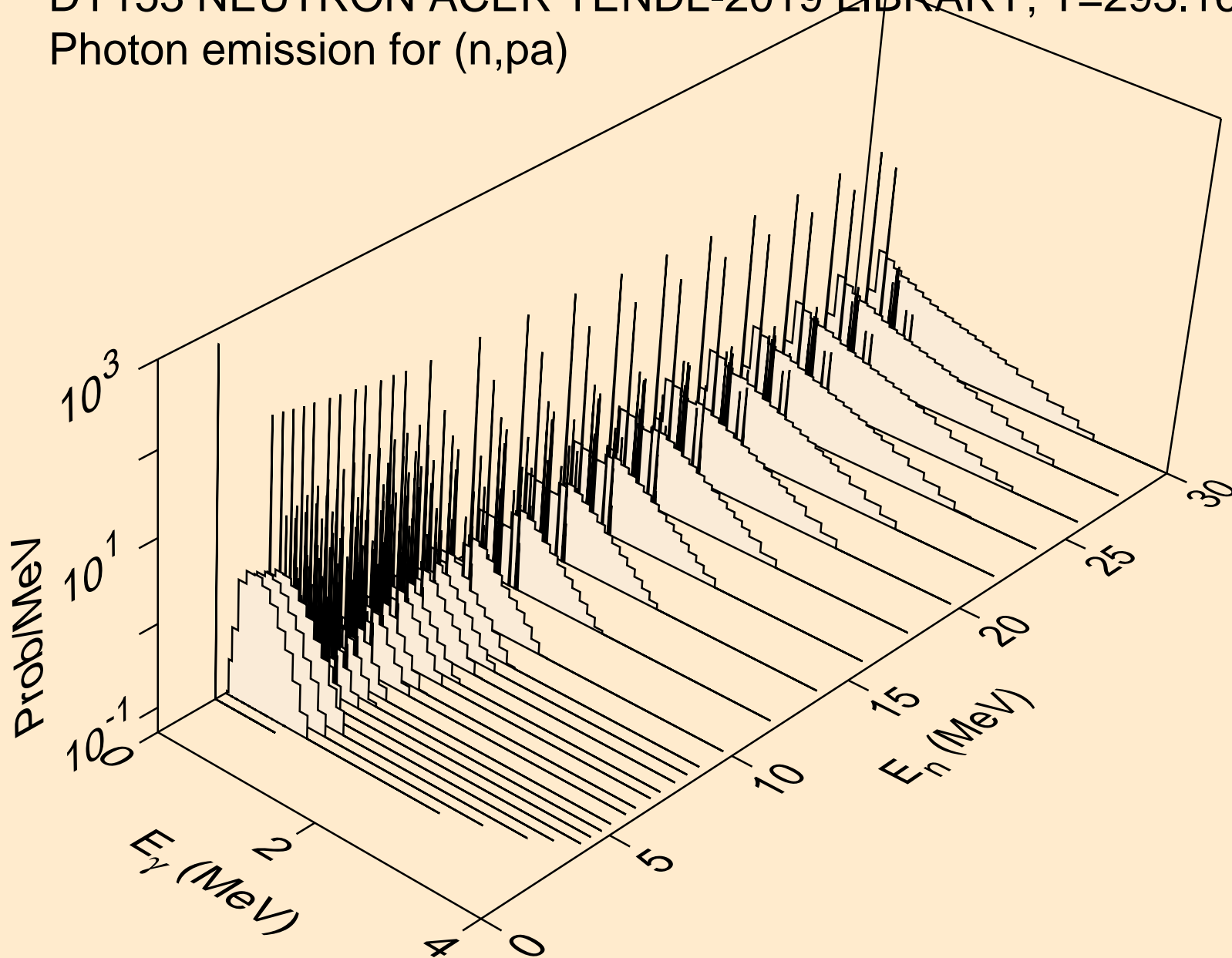
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Photon emission for (n,2a)



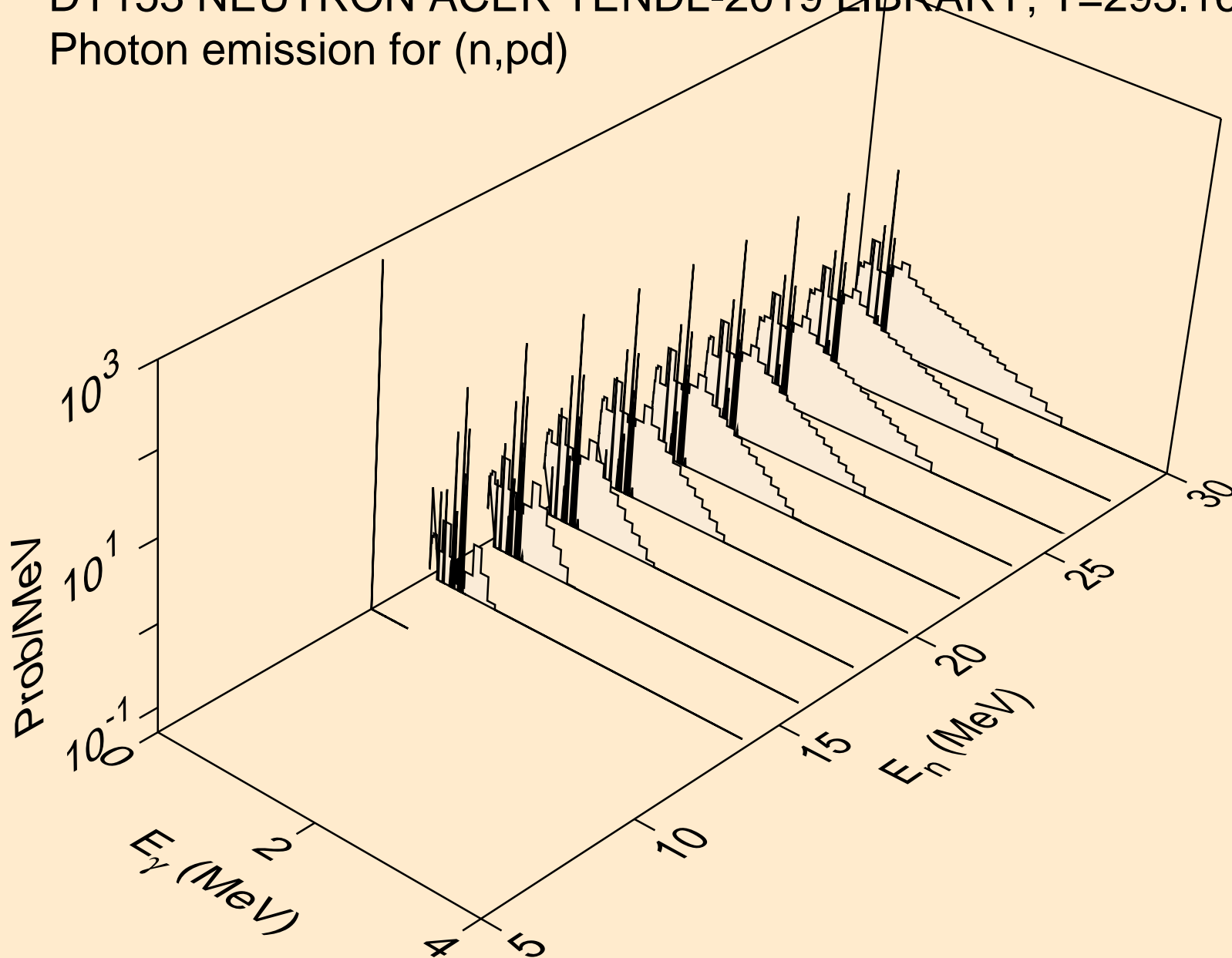
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Photon emission for (n,2p)



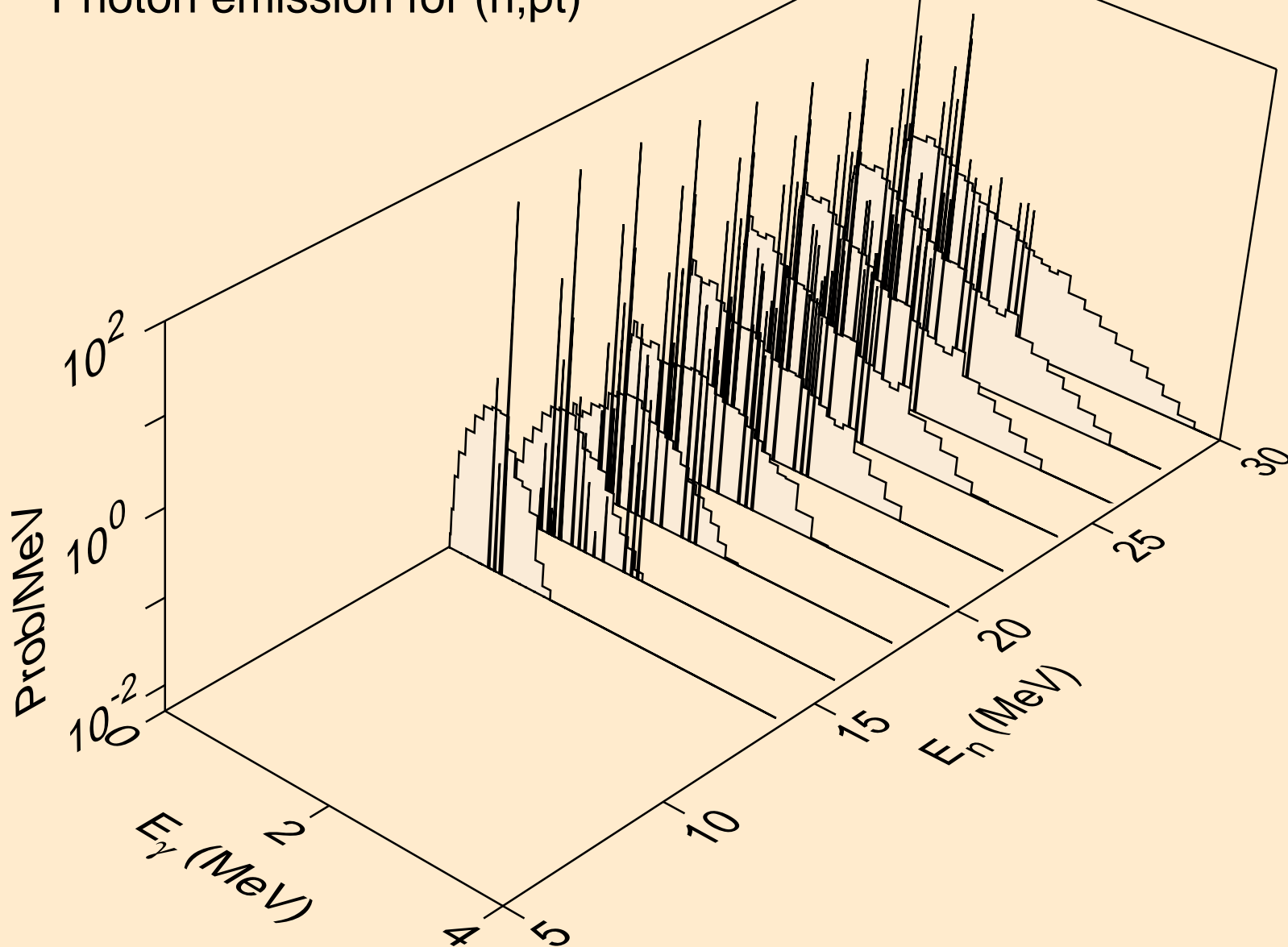
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)

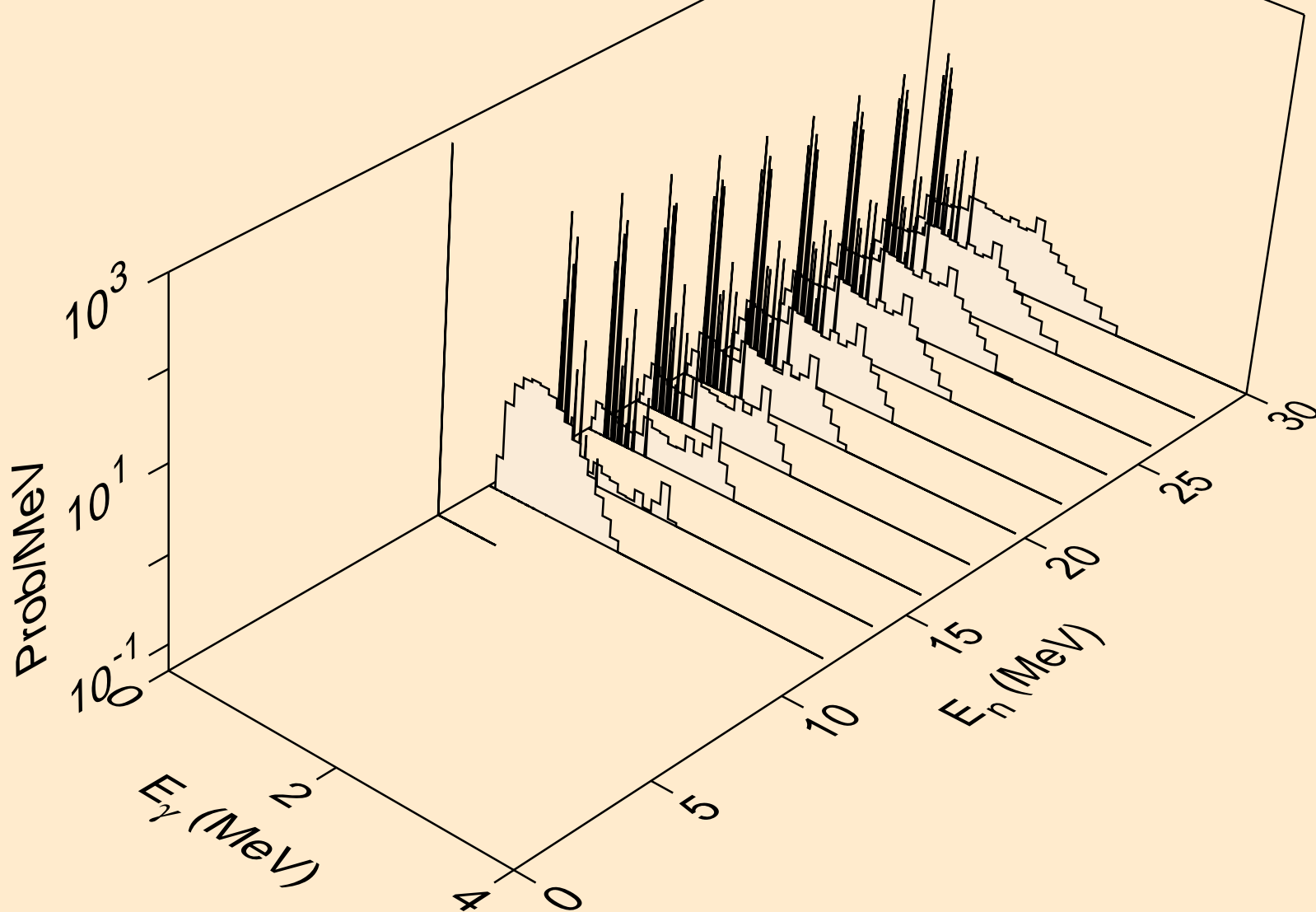


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)

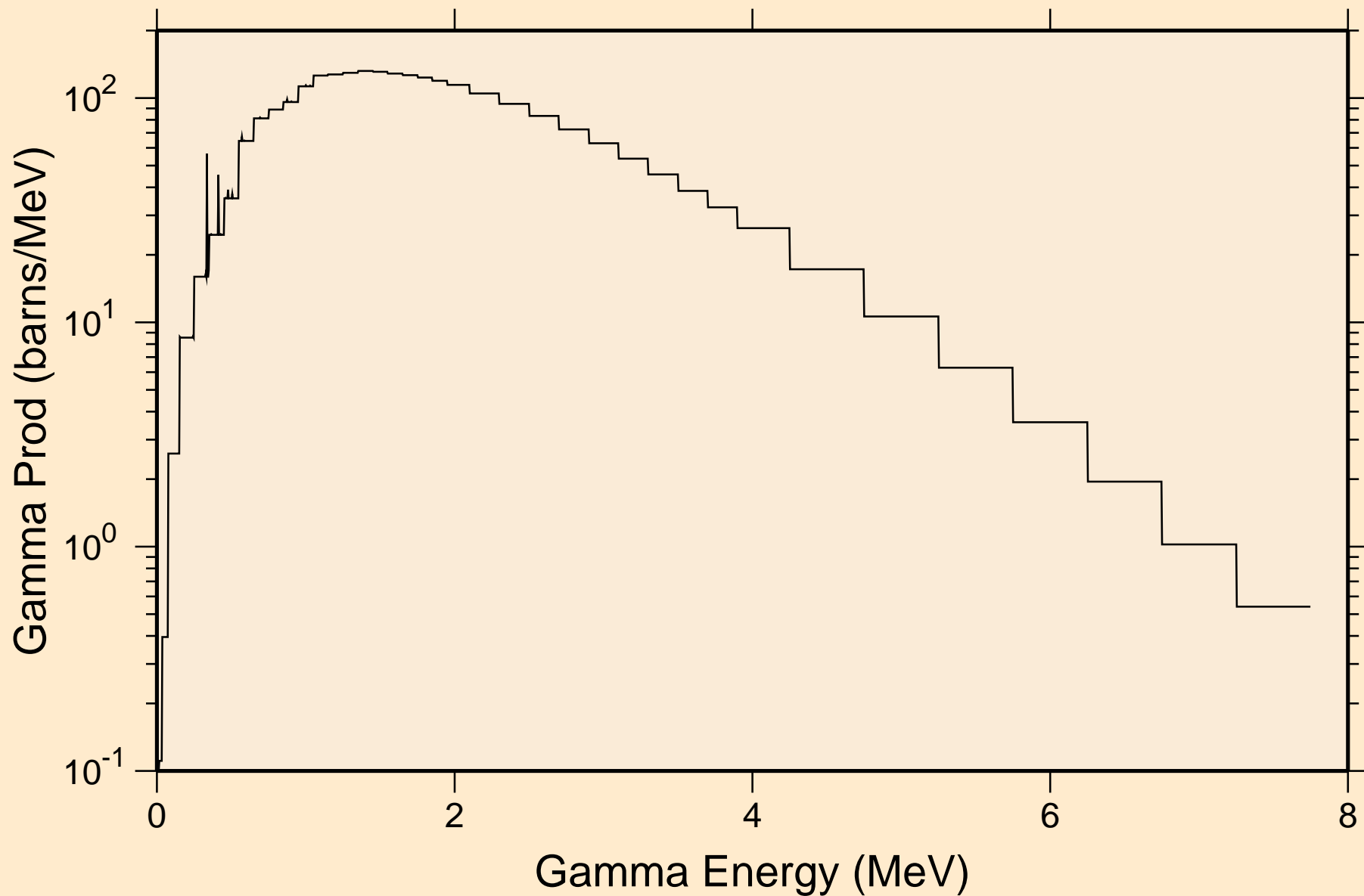




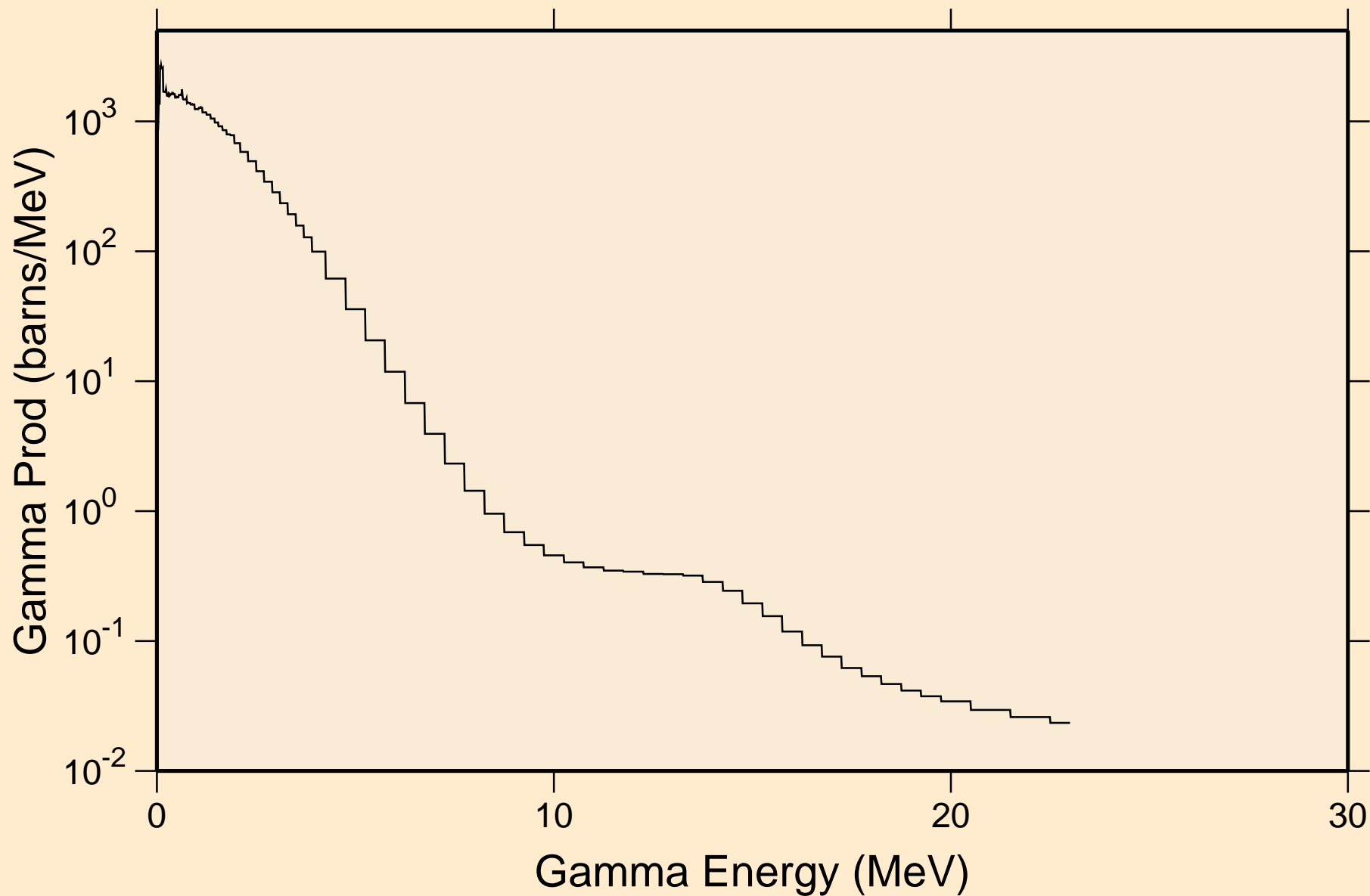
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



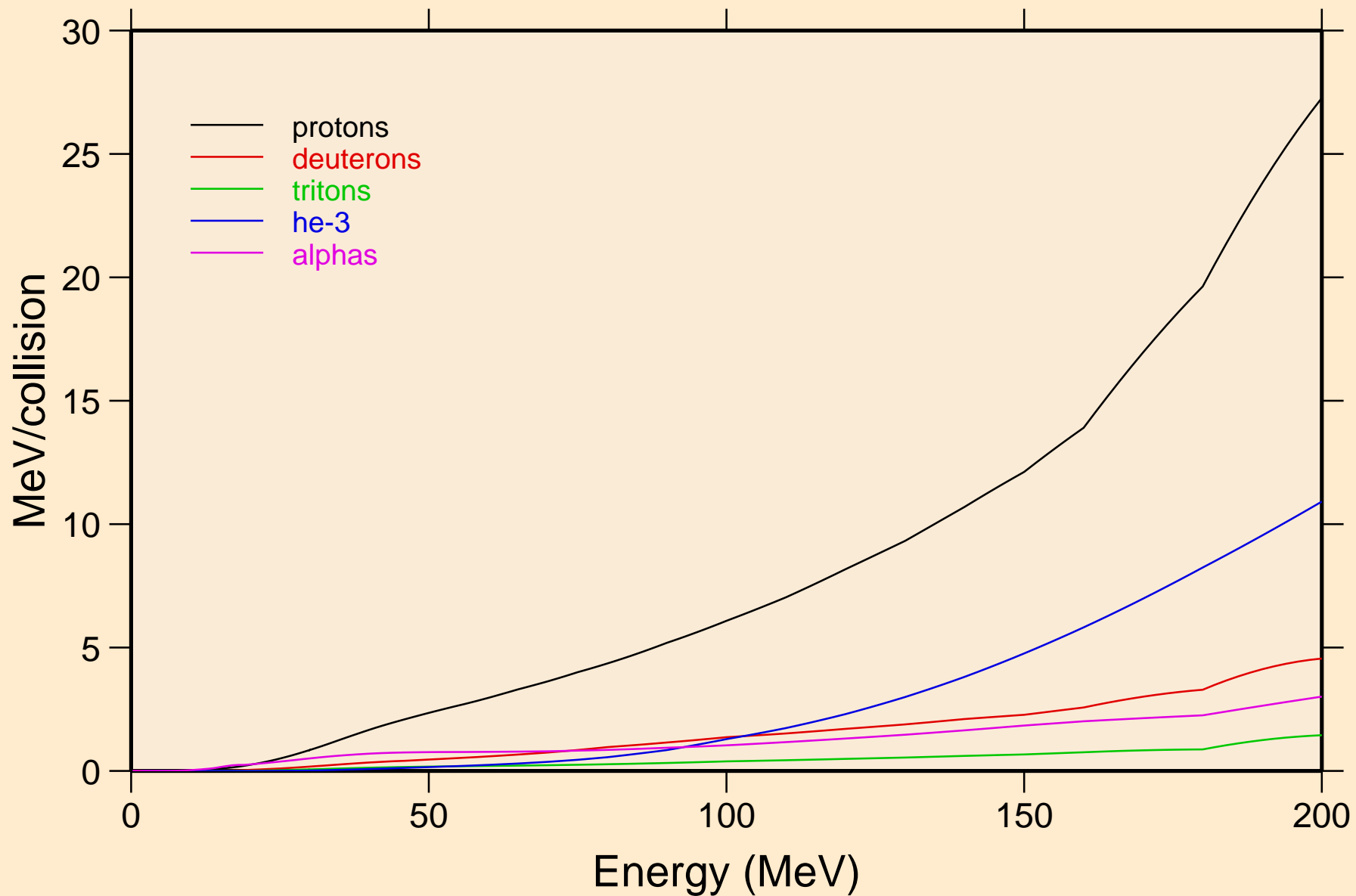
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



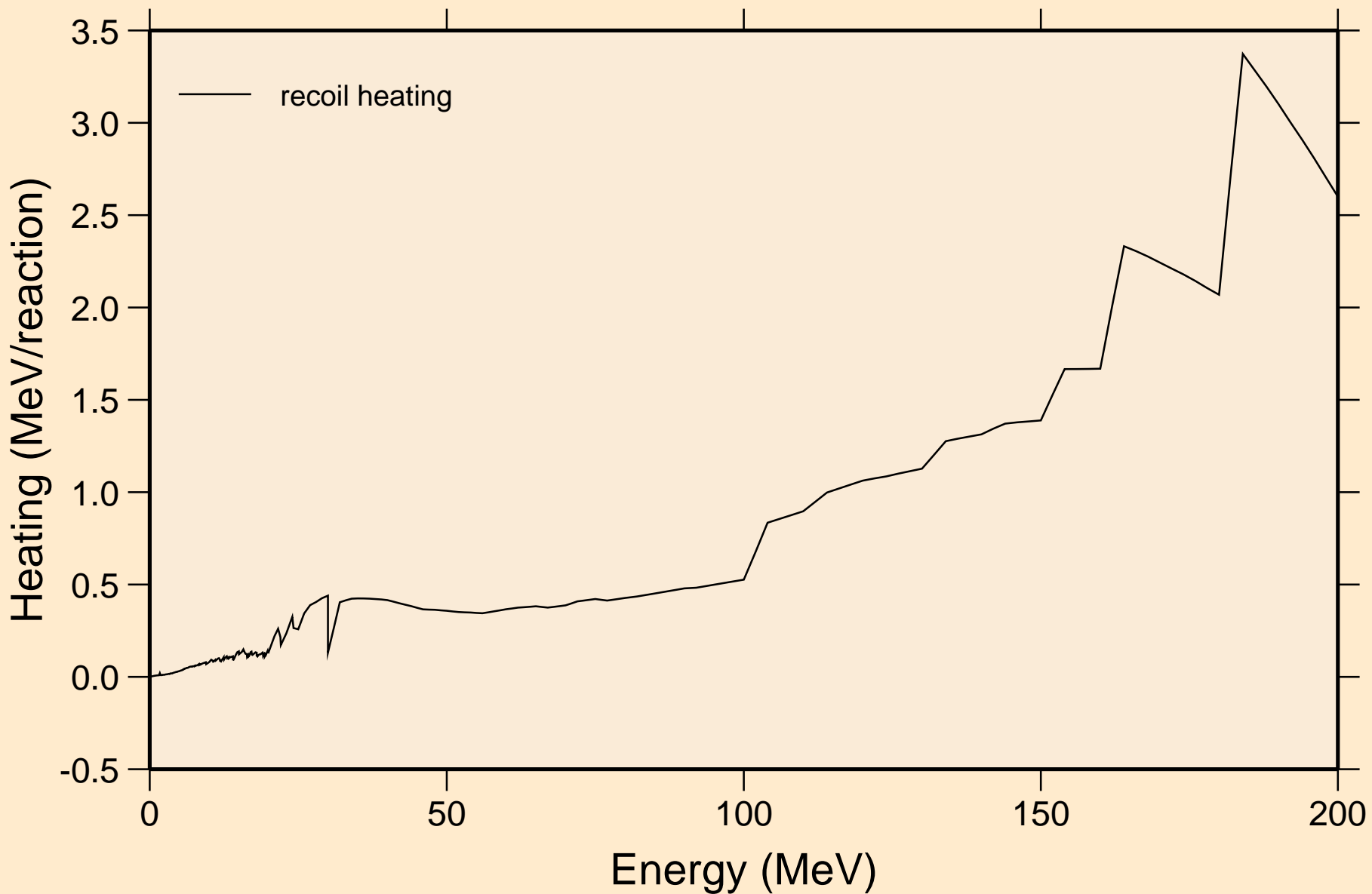
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14 MeV photon spectrum



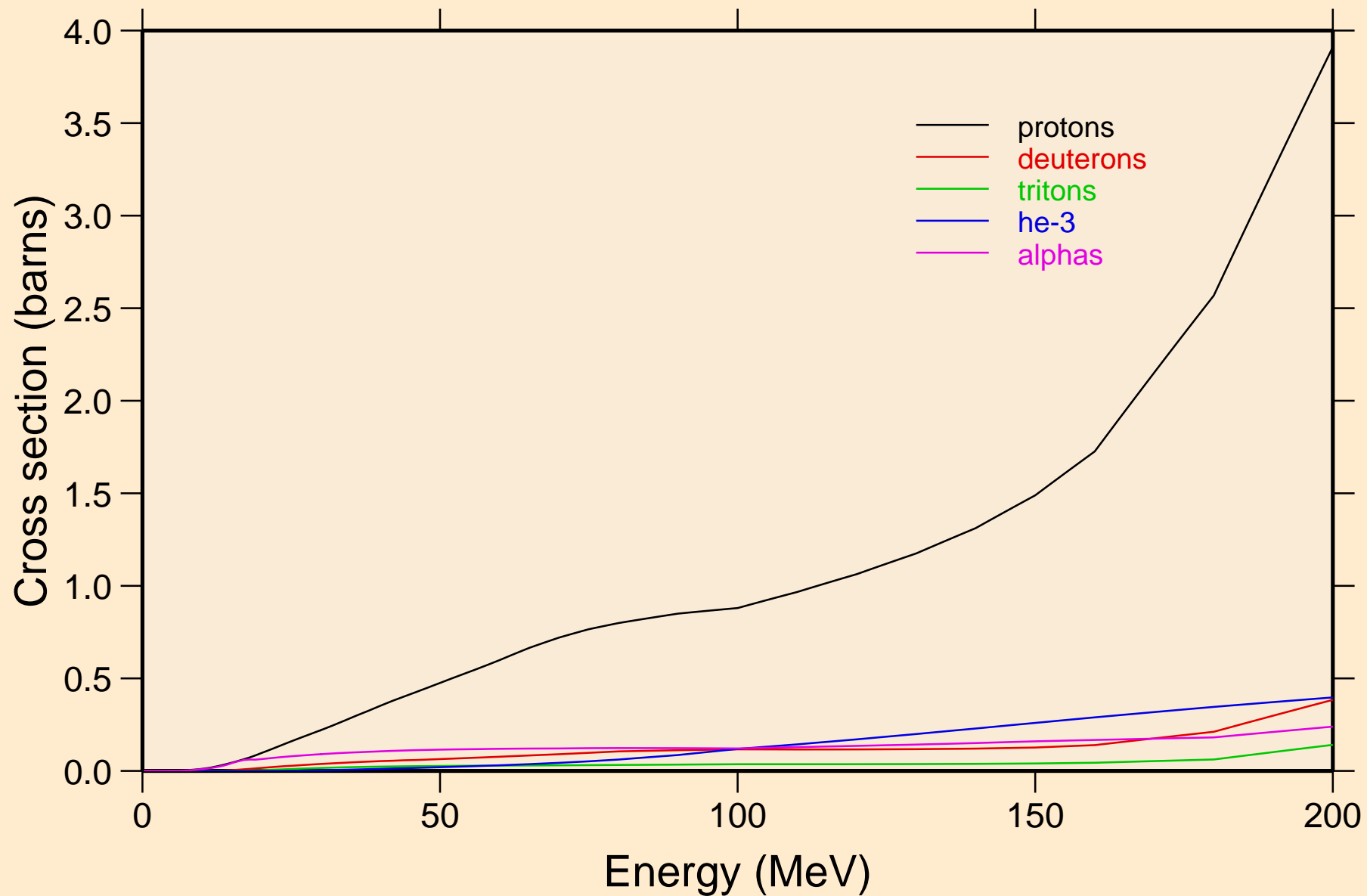
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions



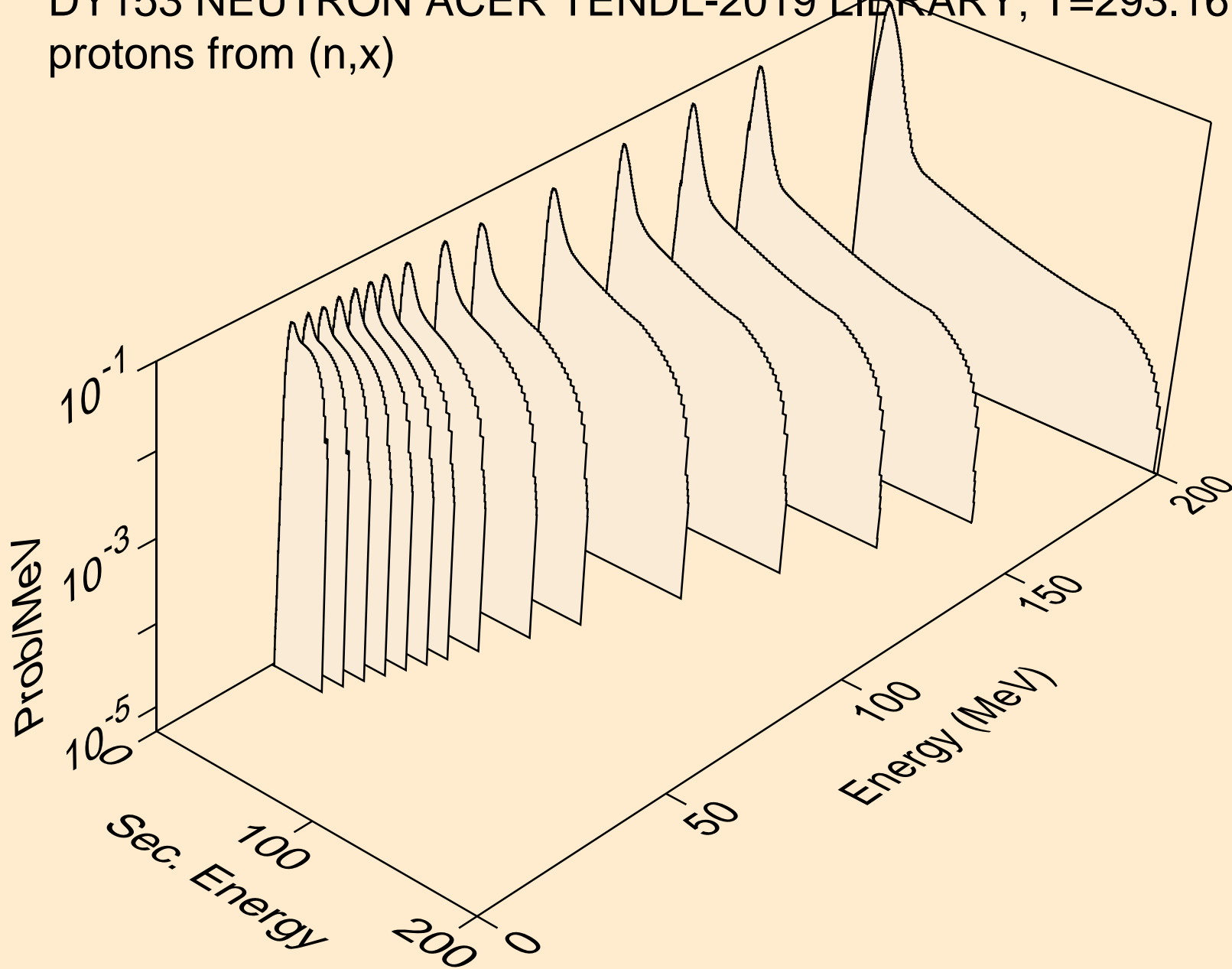
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



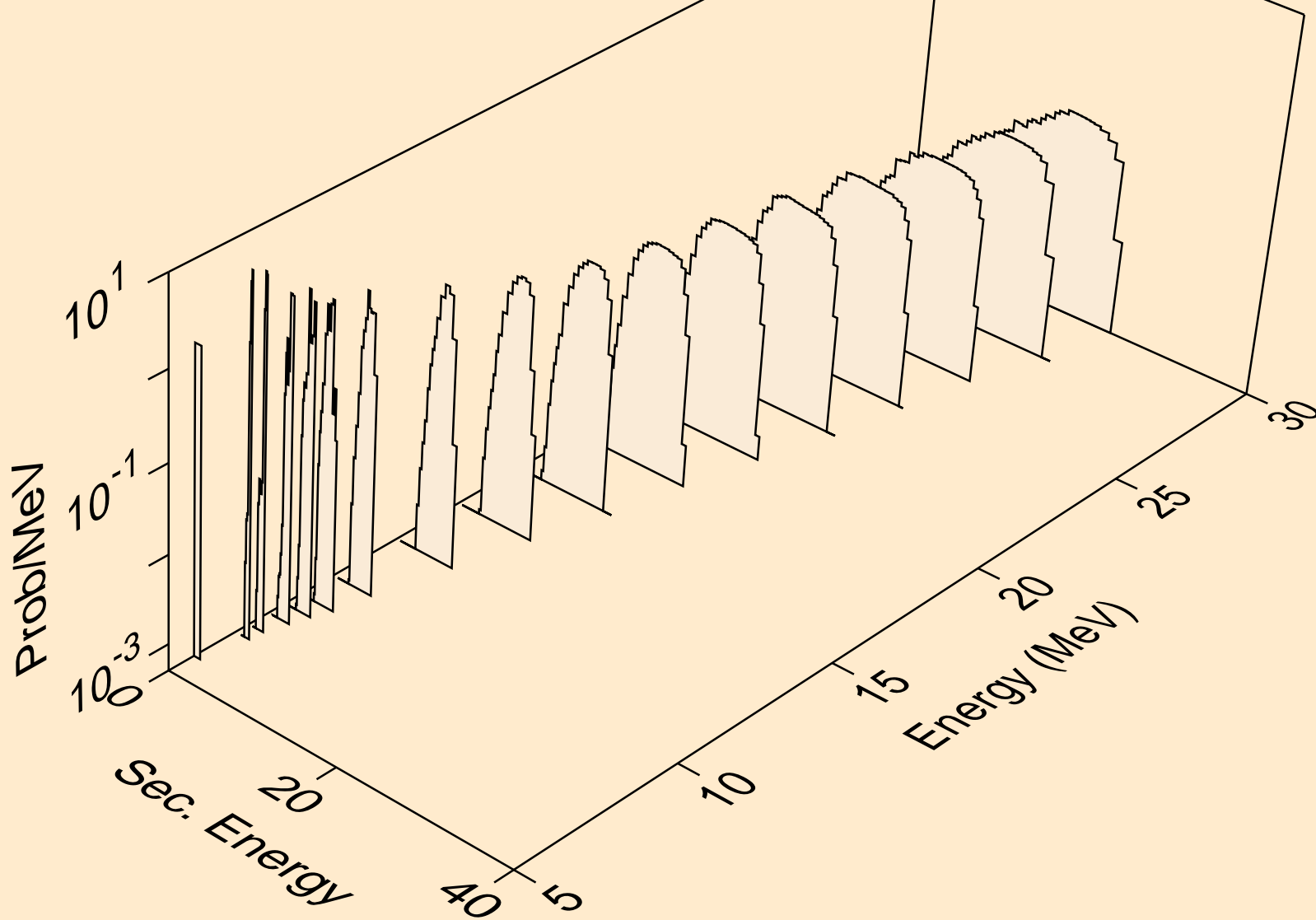
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)

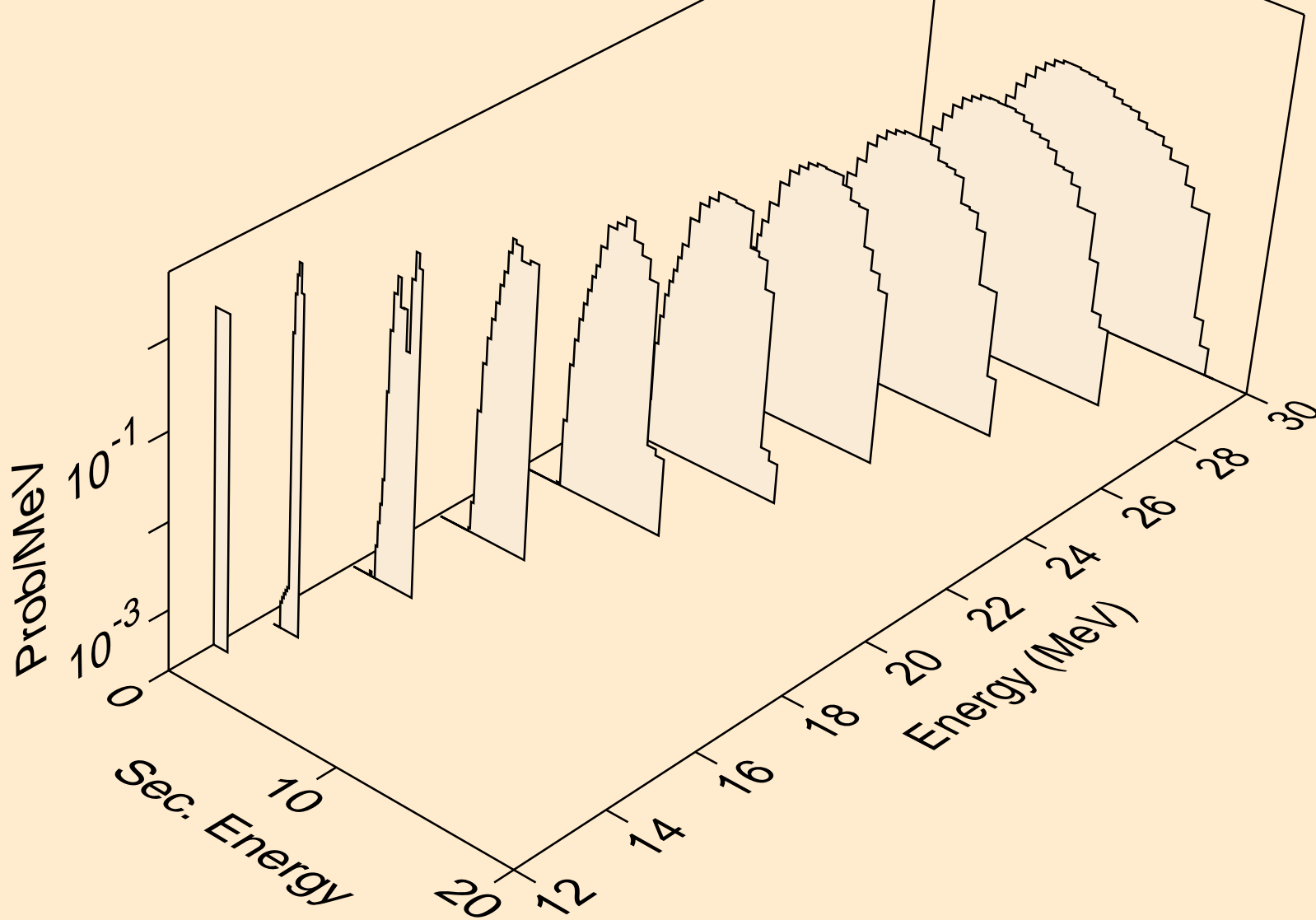


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p

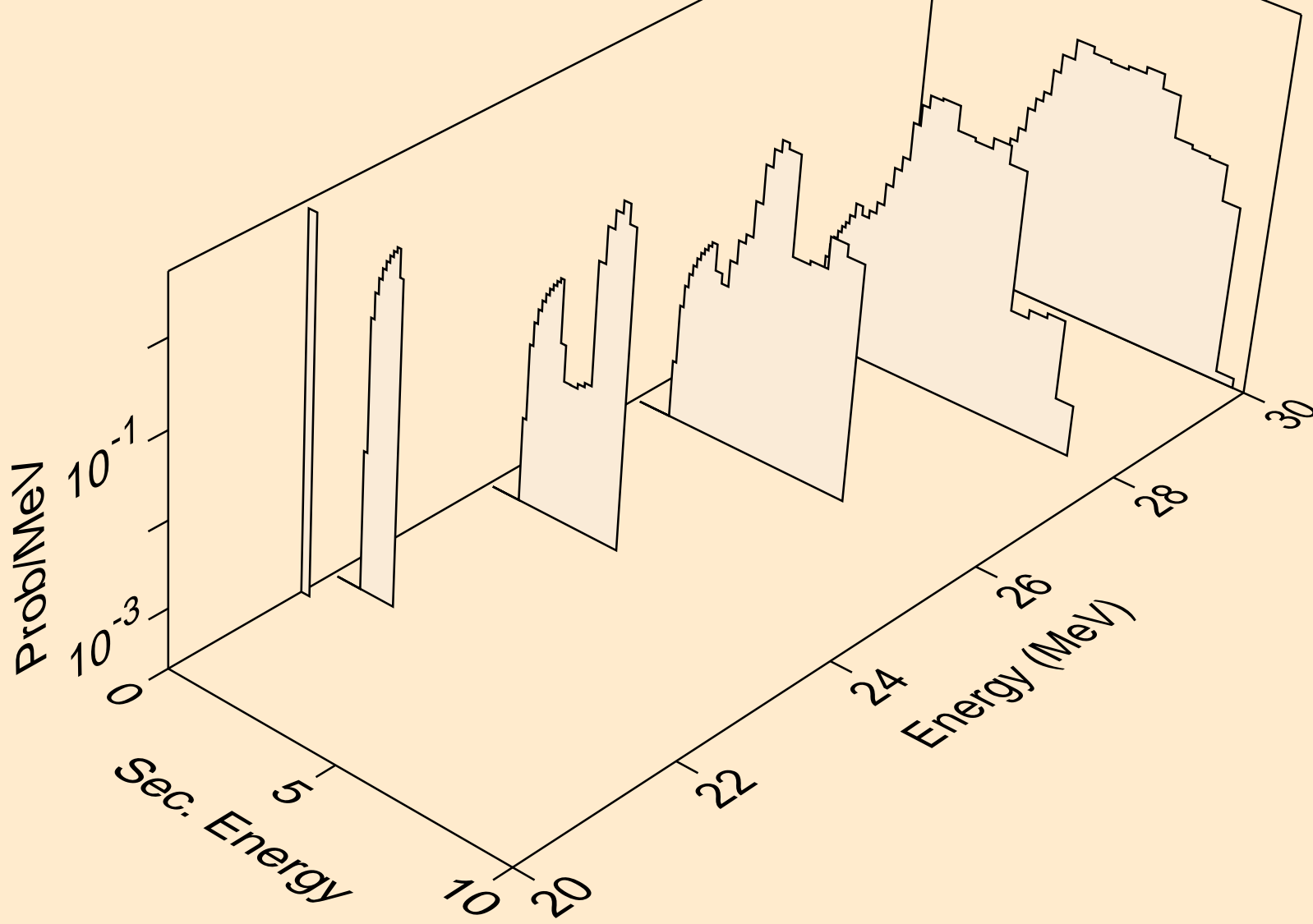




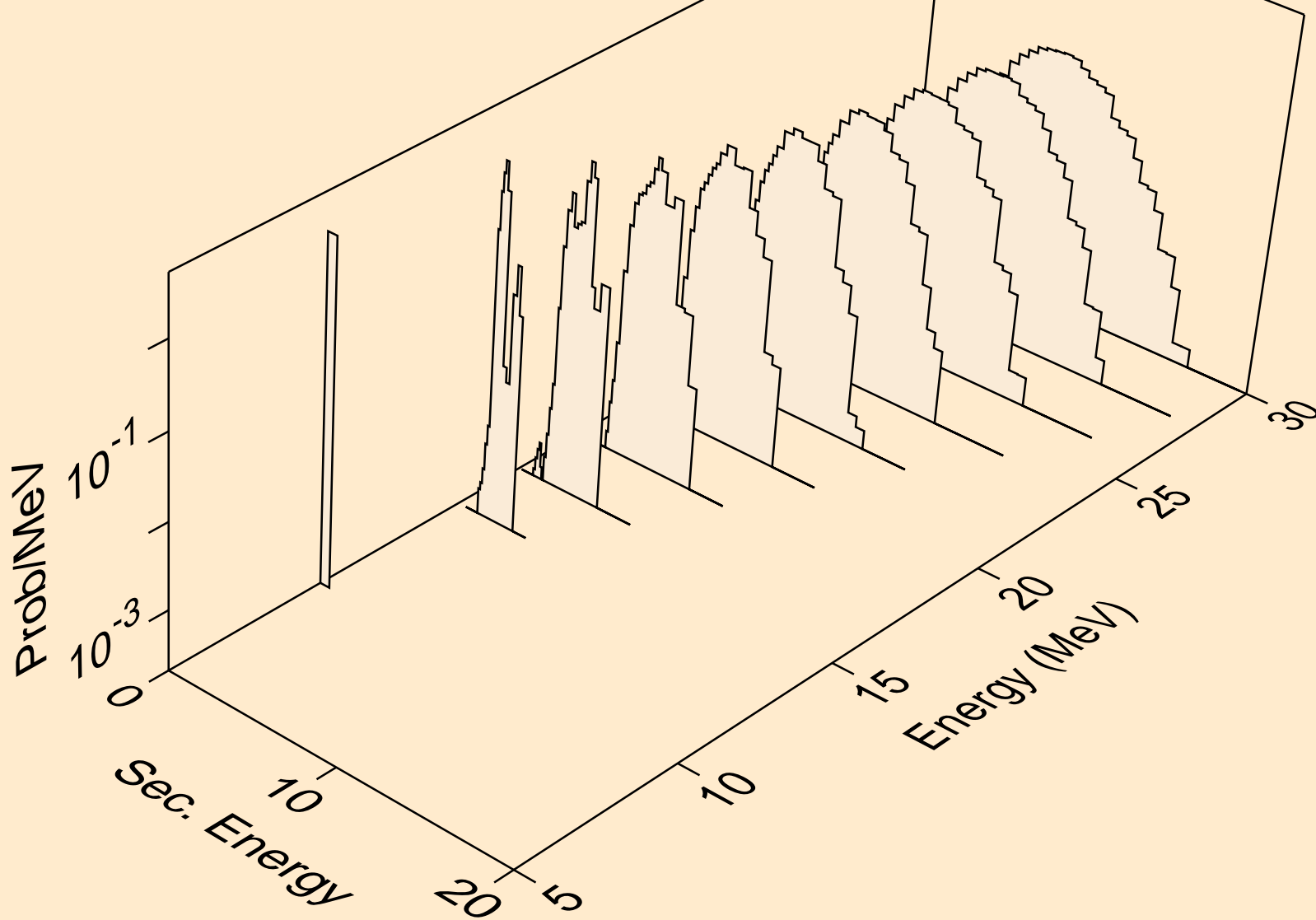
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



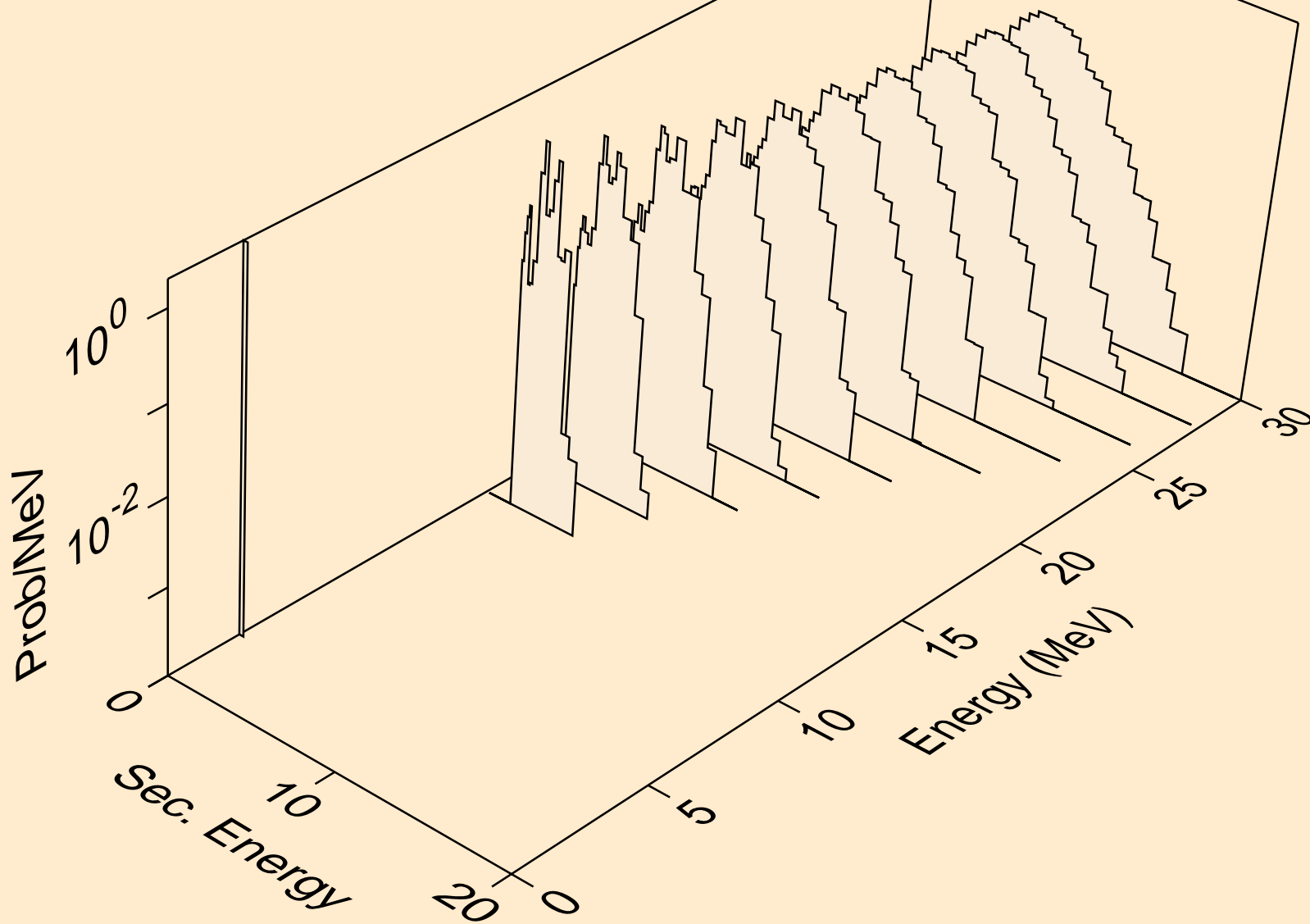
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protons from (n,3np)



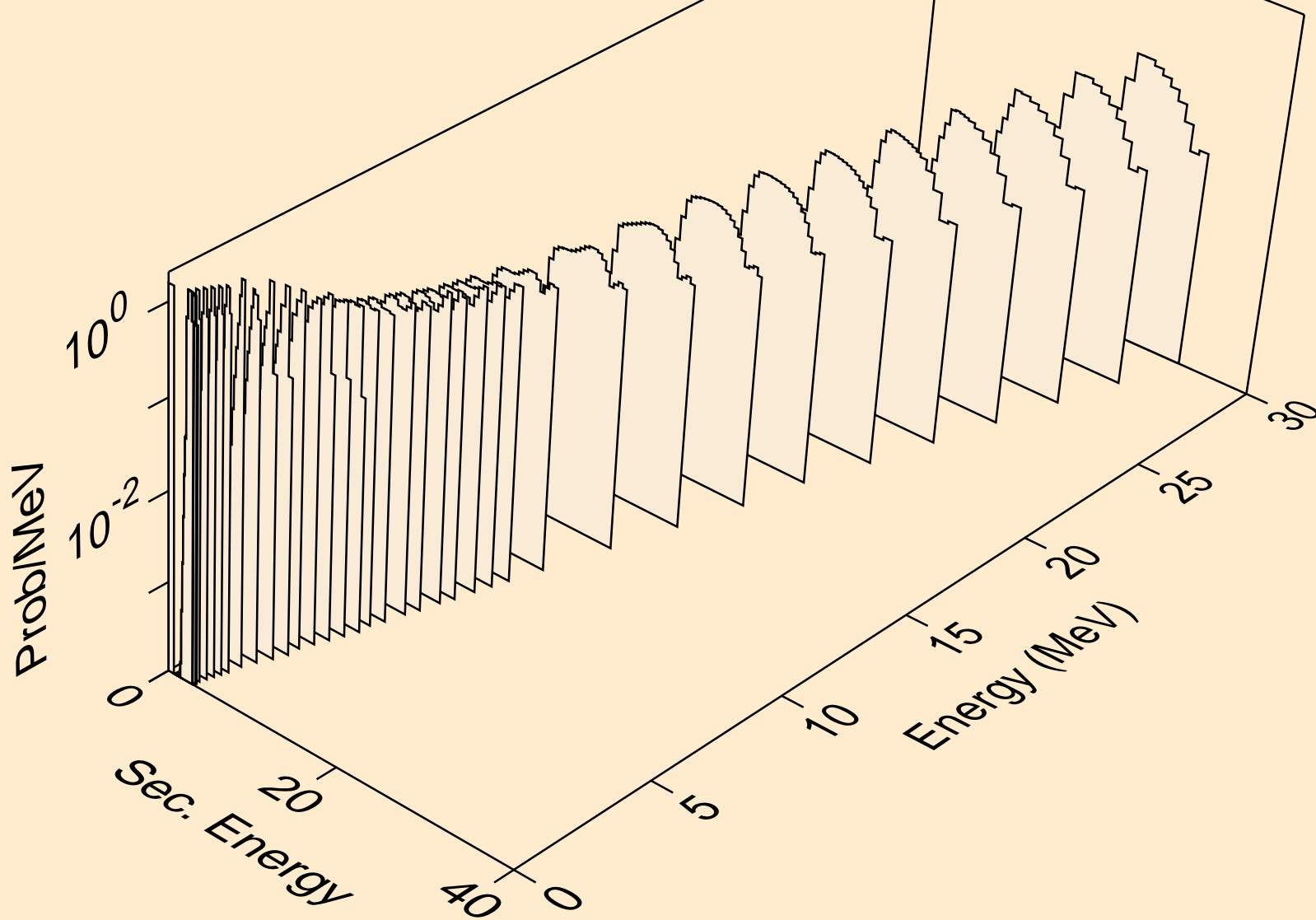
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protons from (n,2np)



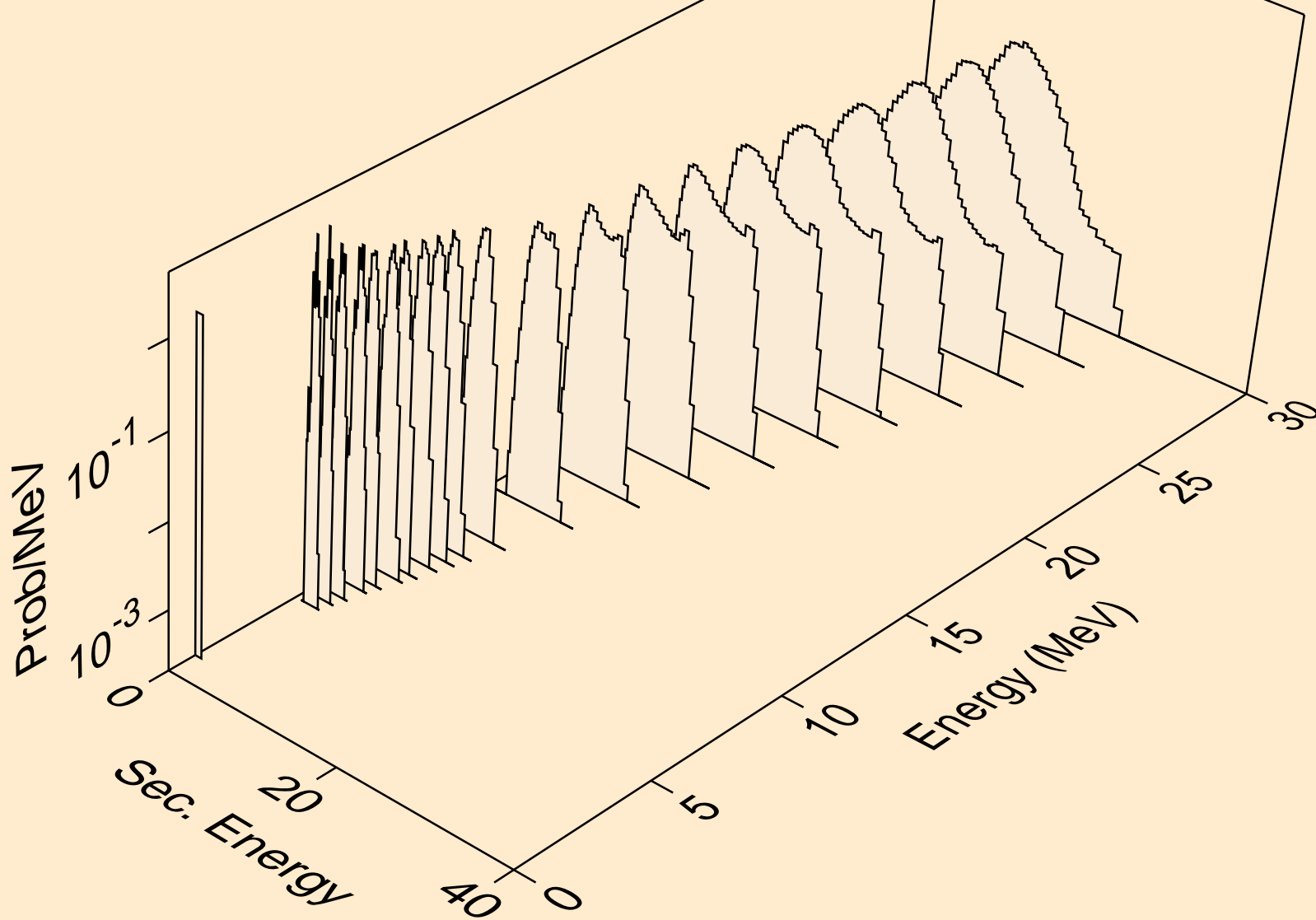
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protons from (n,npa)



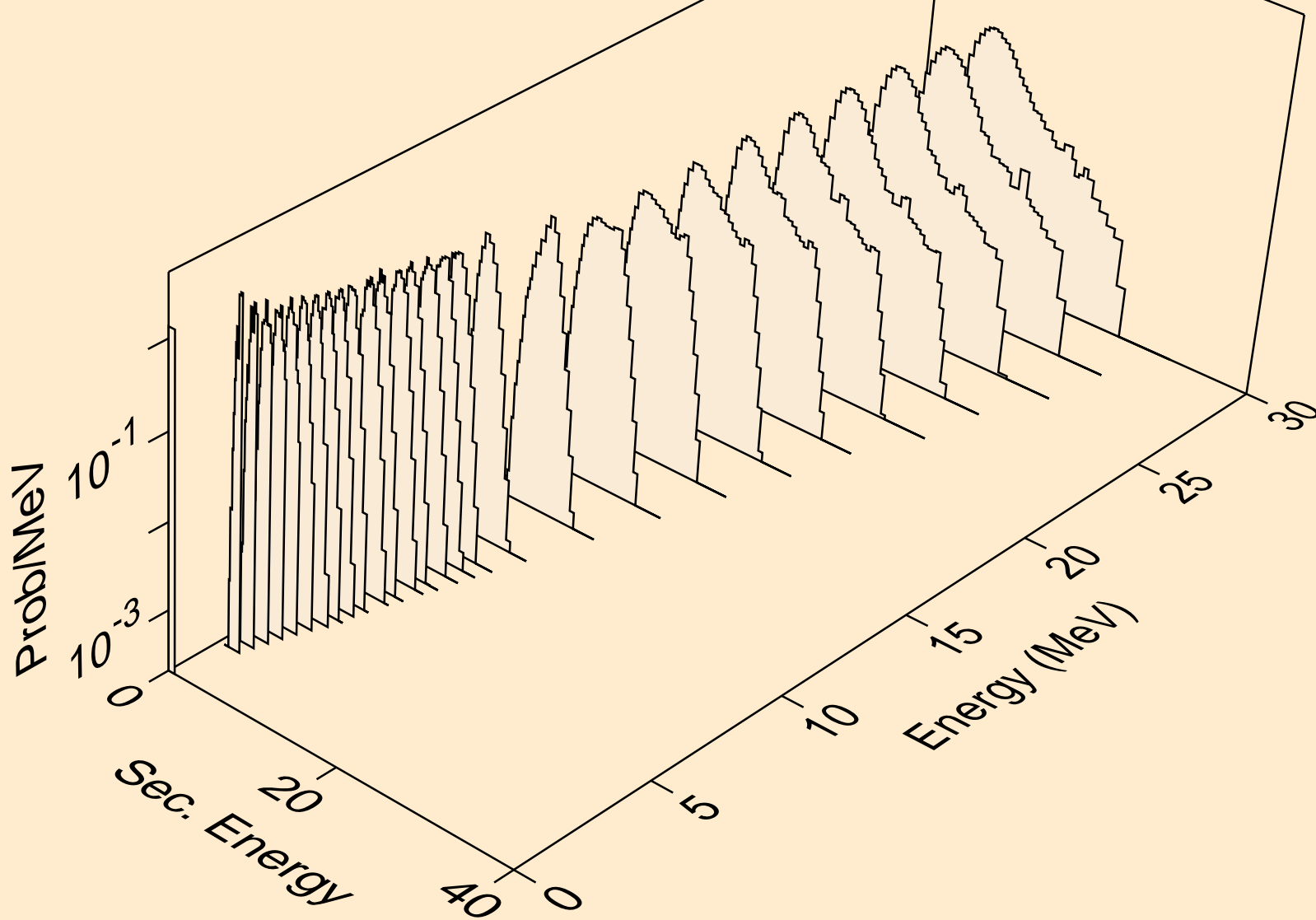
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protons from (n,p)



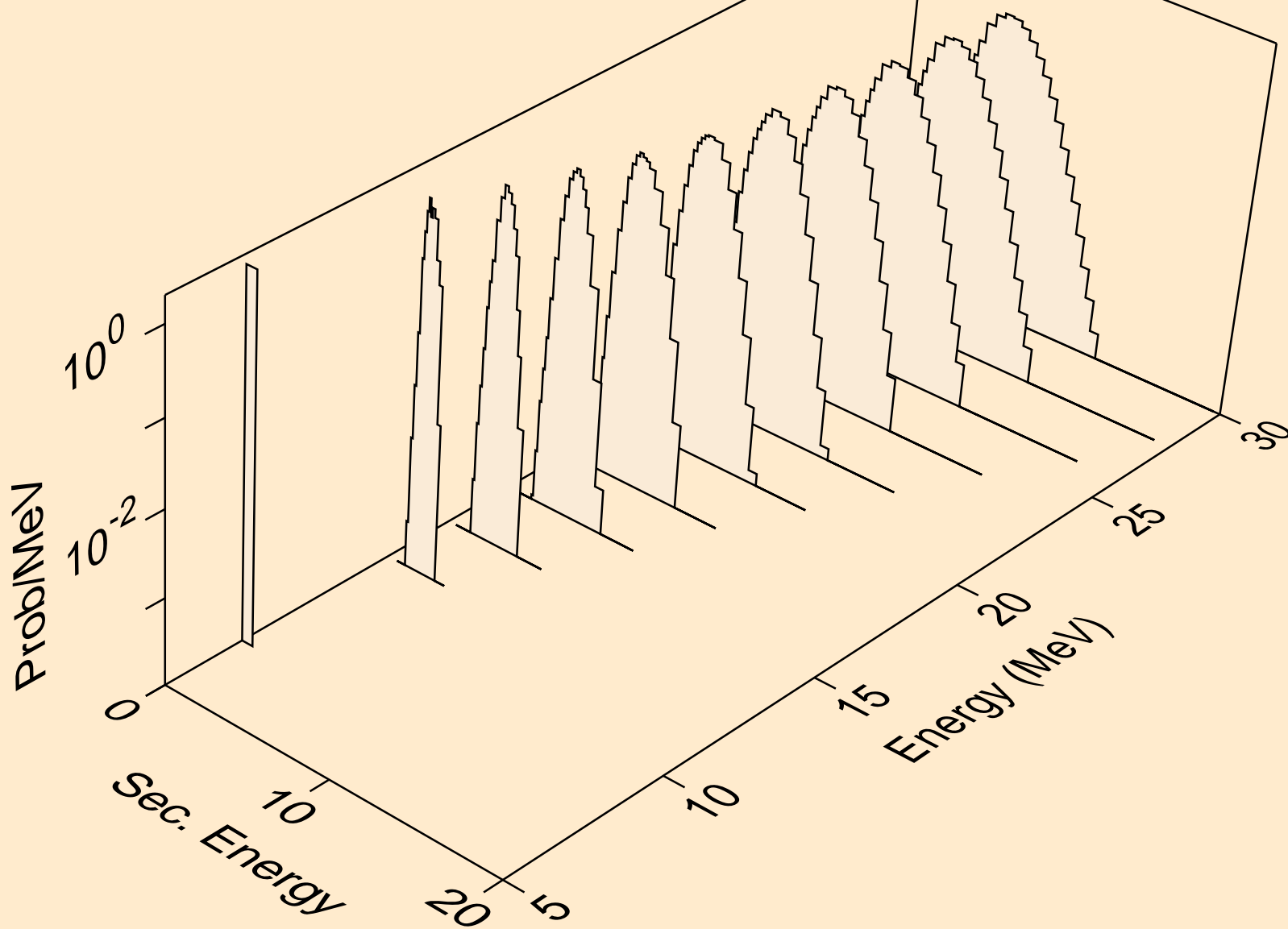
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protons from (n,2p)



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

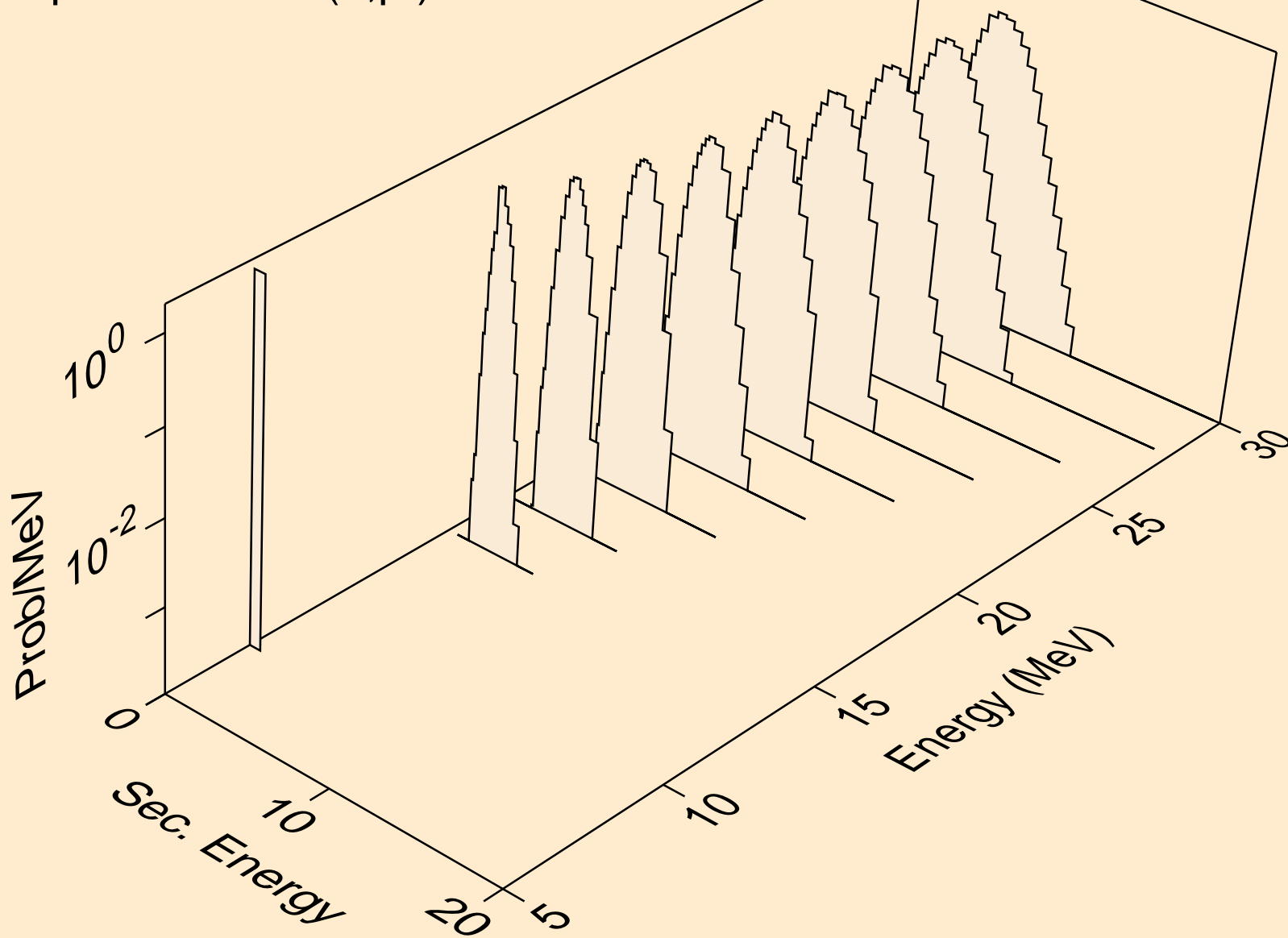


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)

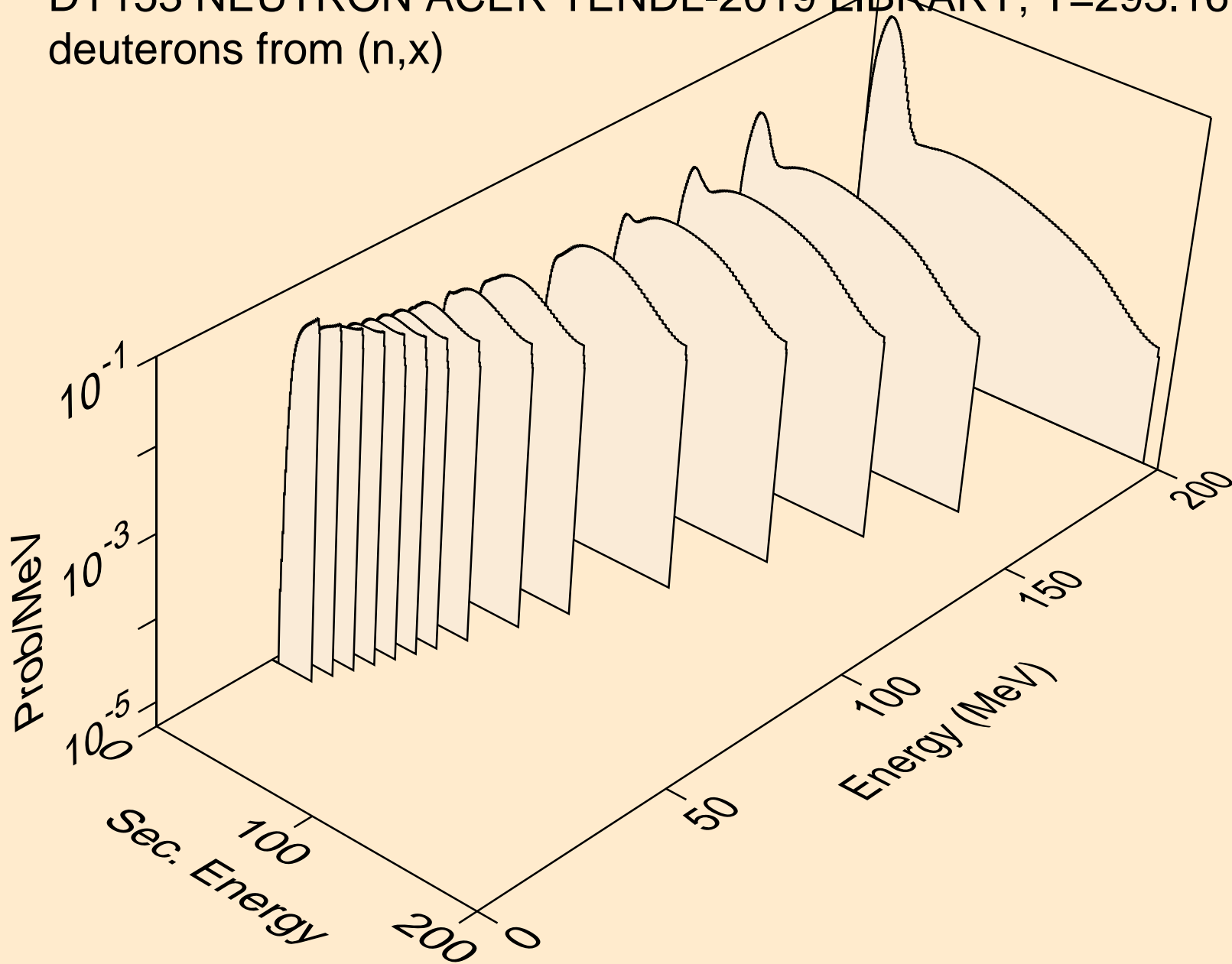




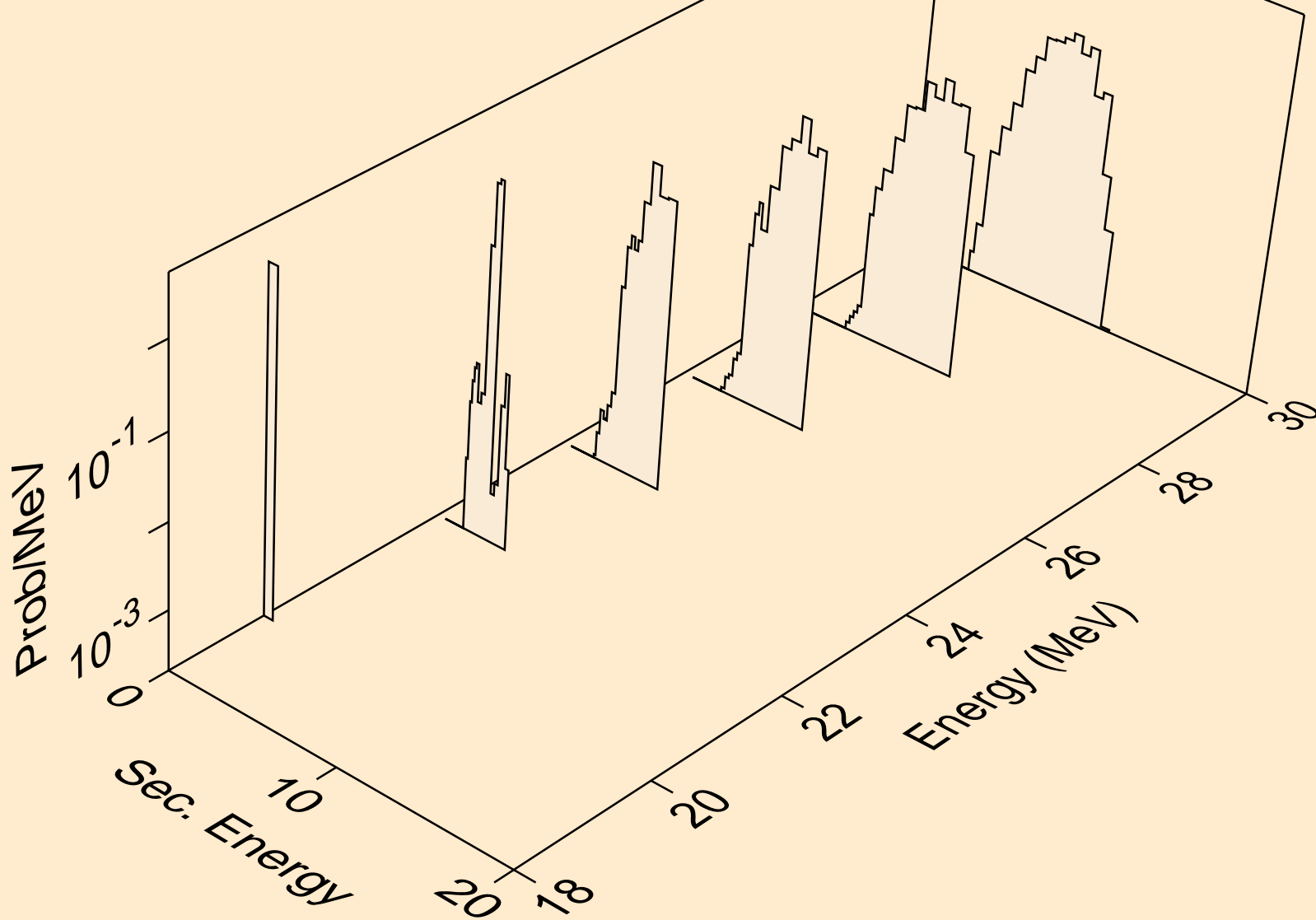
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



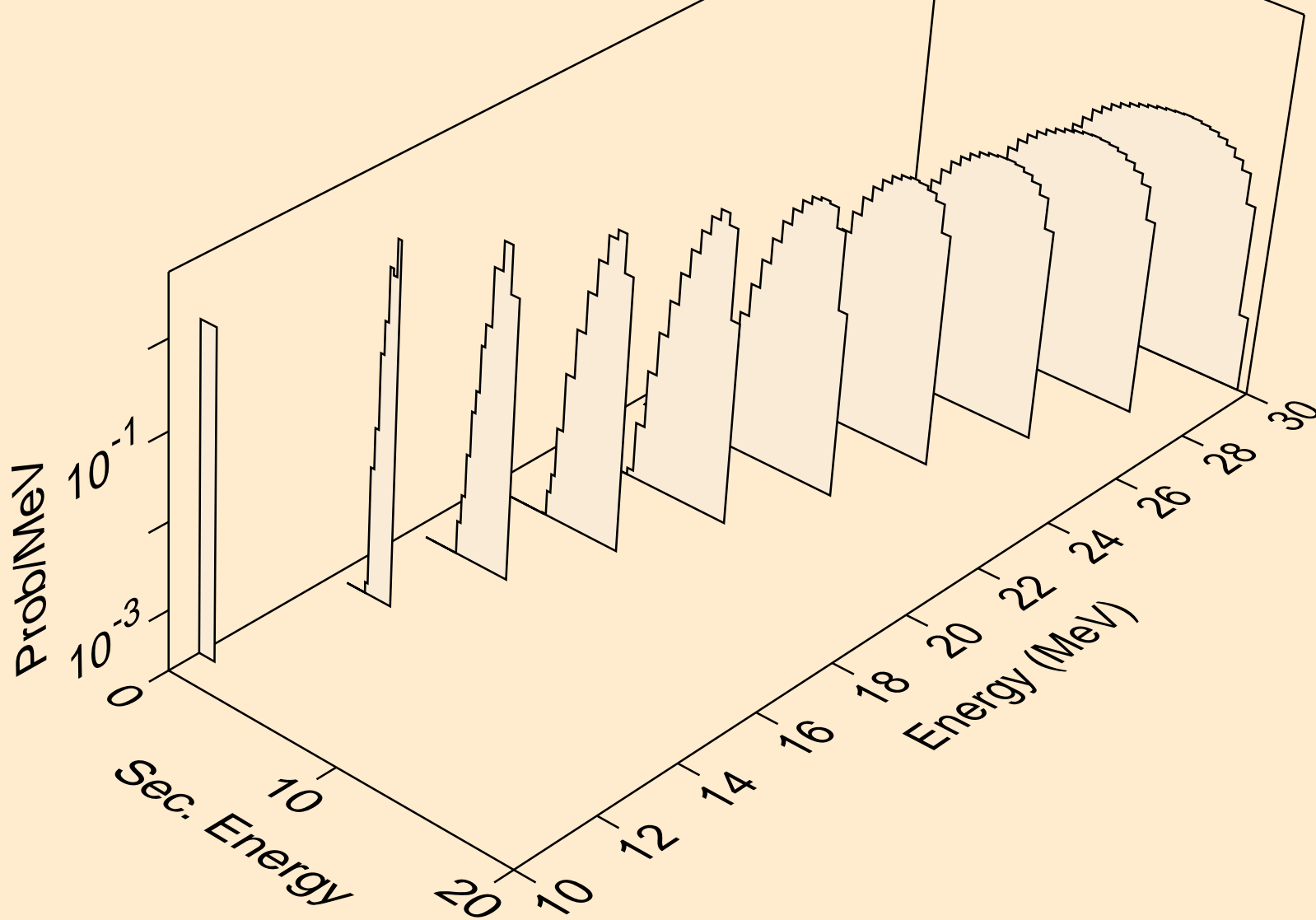
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deuterons from (n,x)



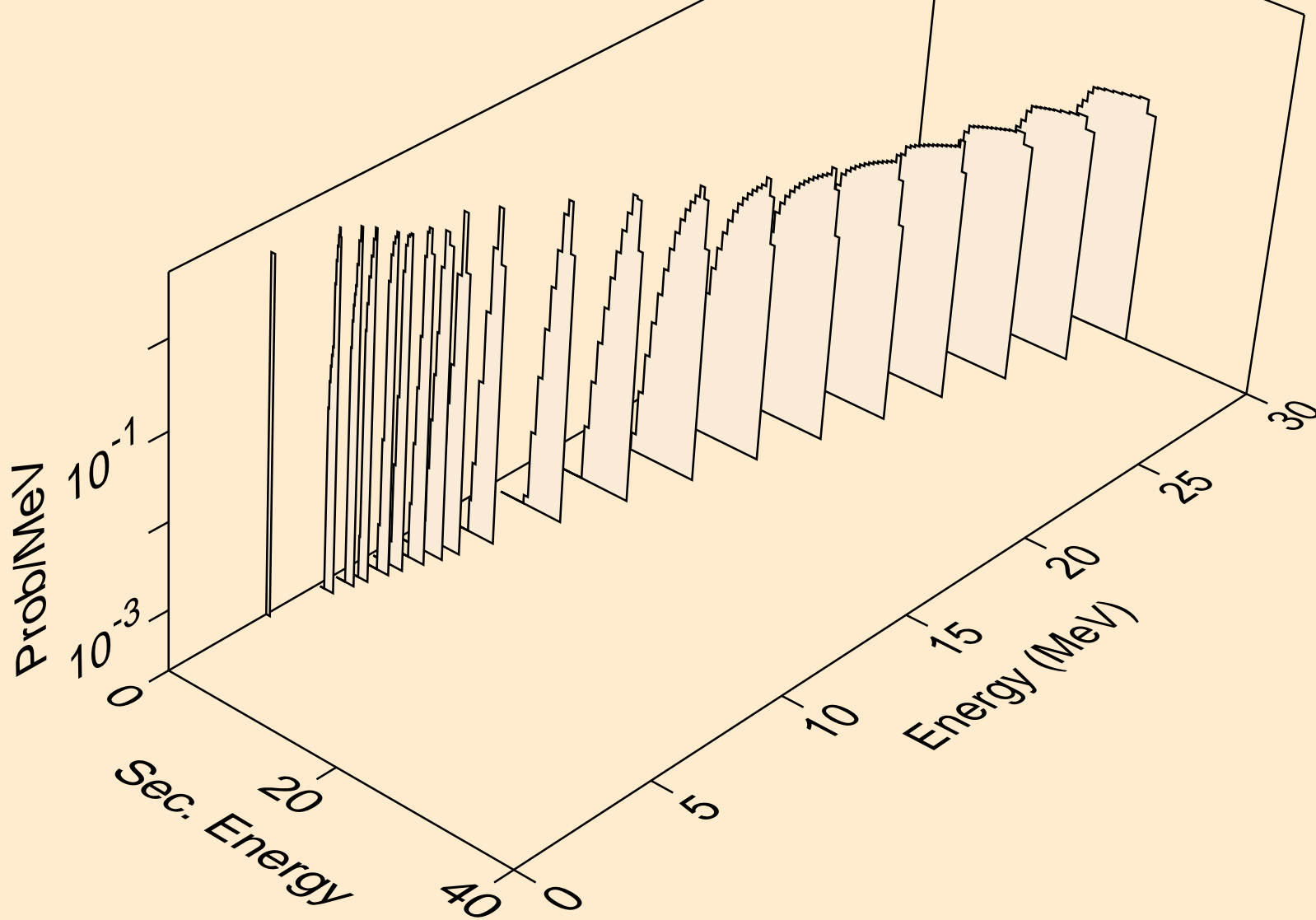
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)



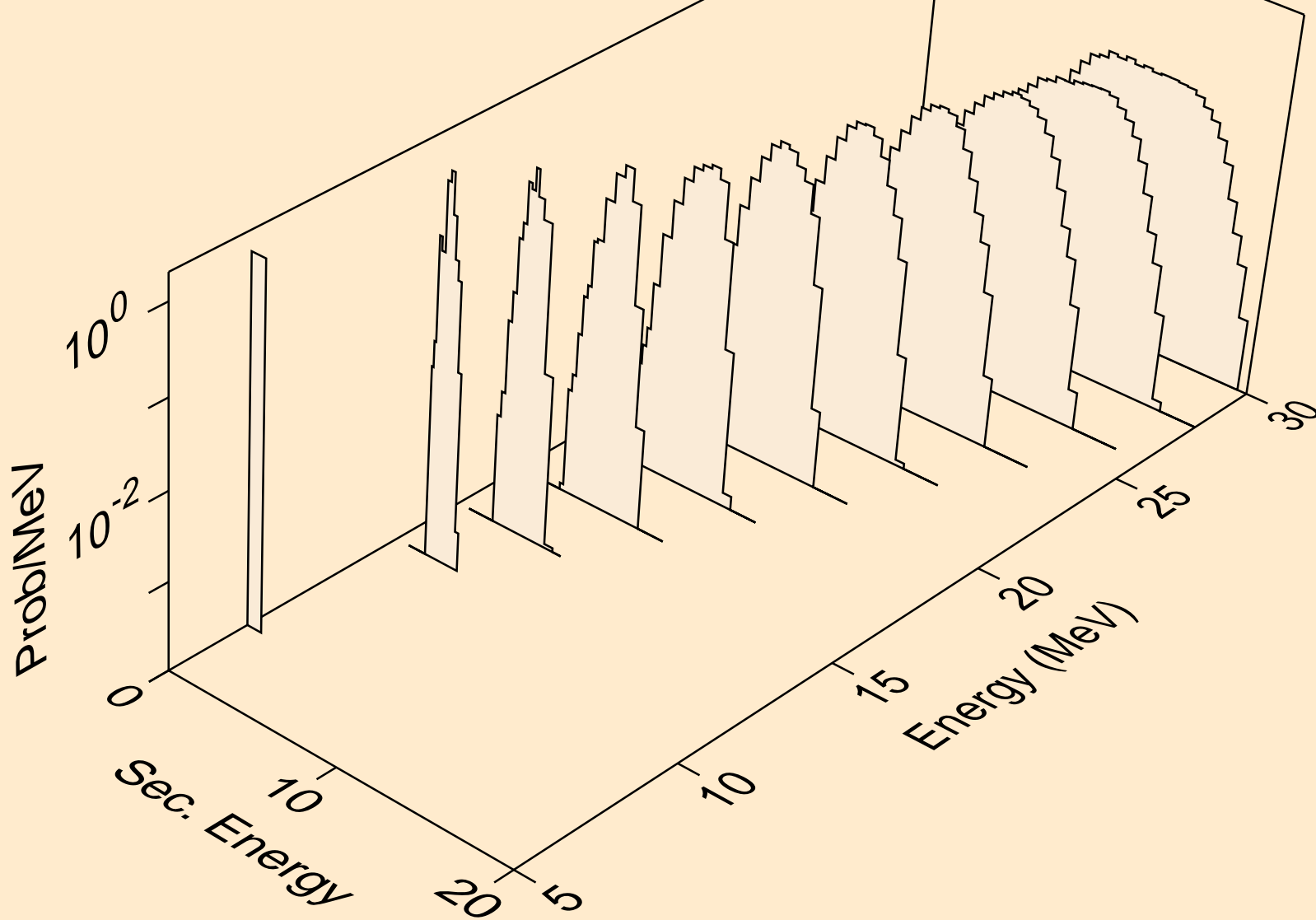
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



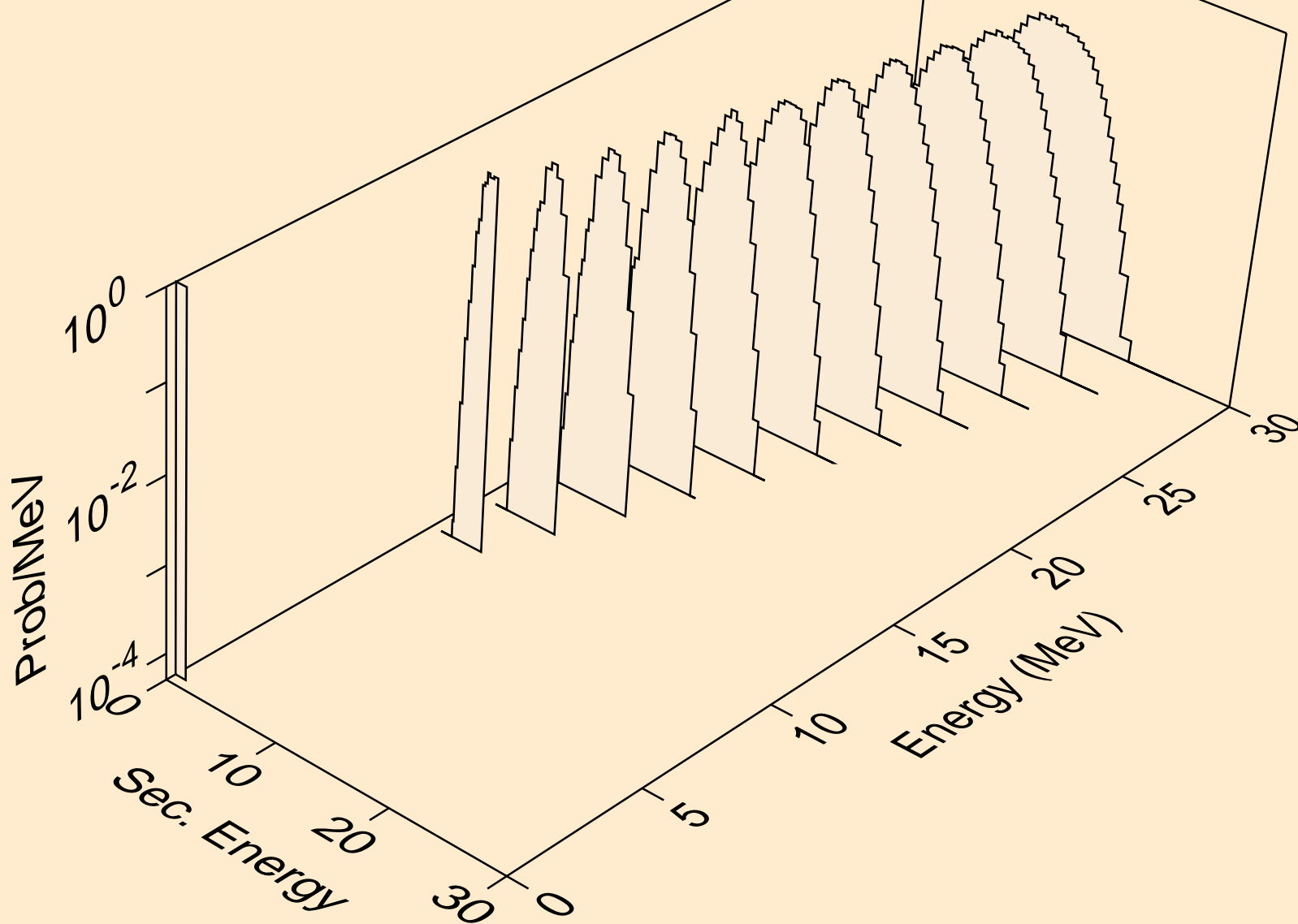
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deuterons from (n,d)



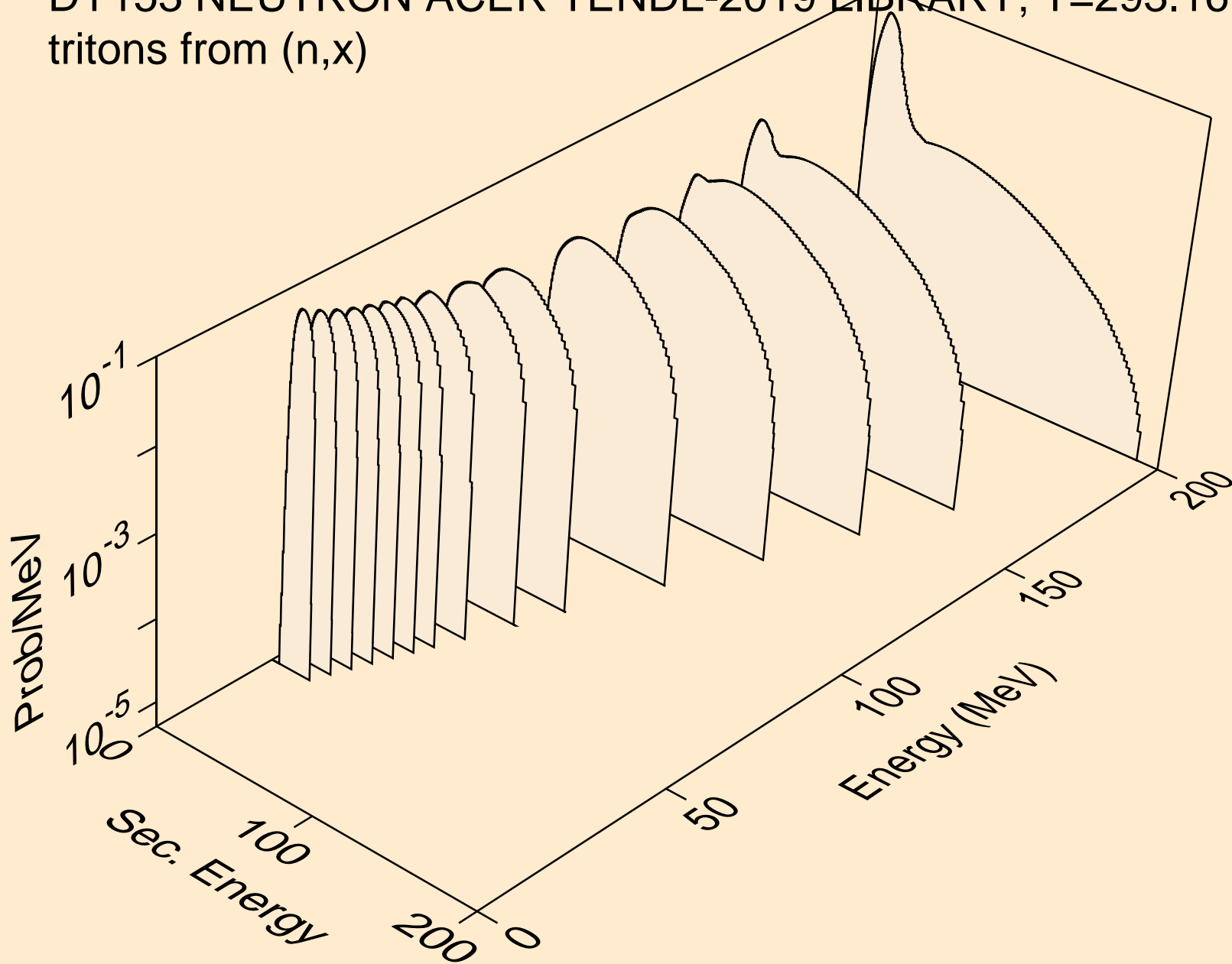
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deuterons from (n,pd)



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,da)

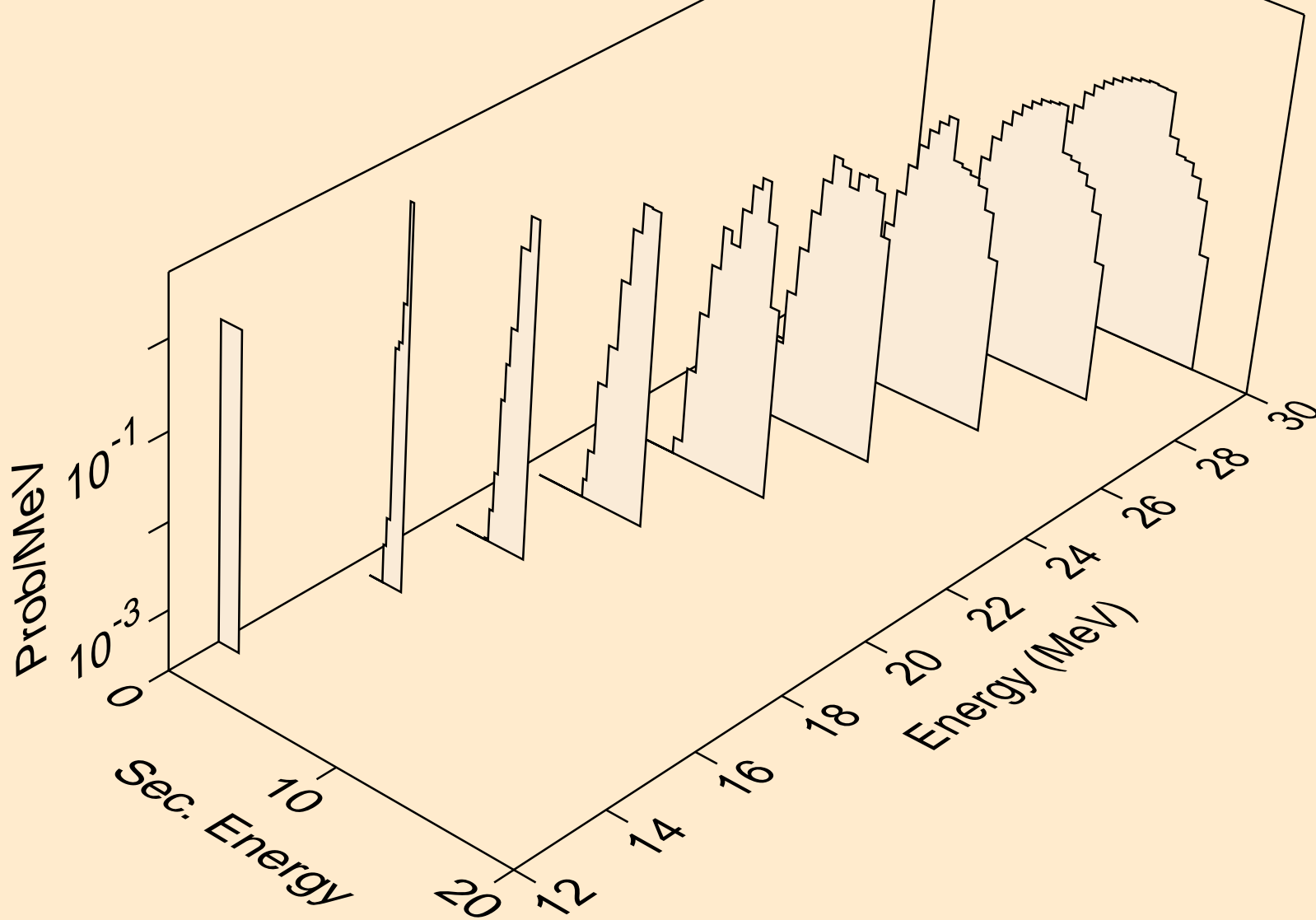


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)

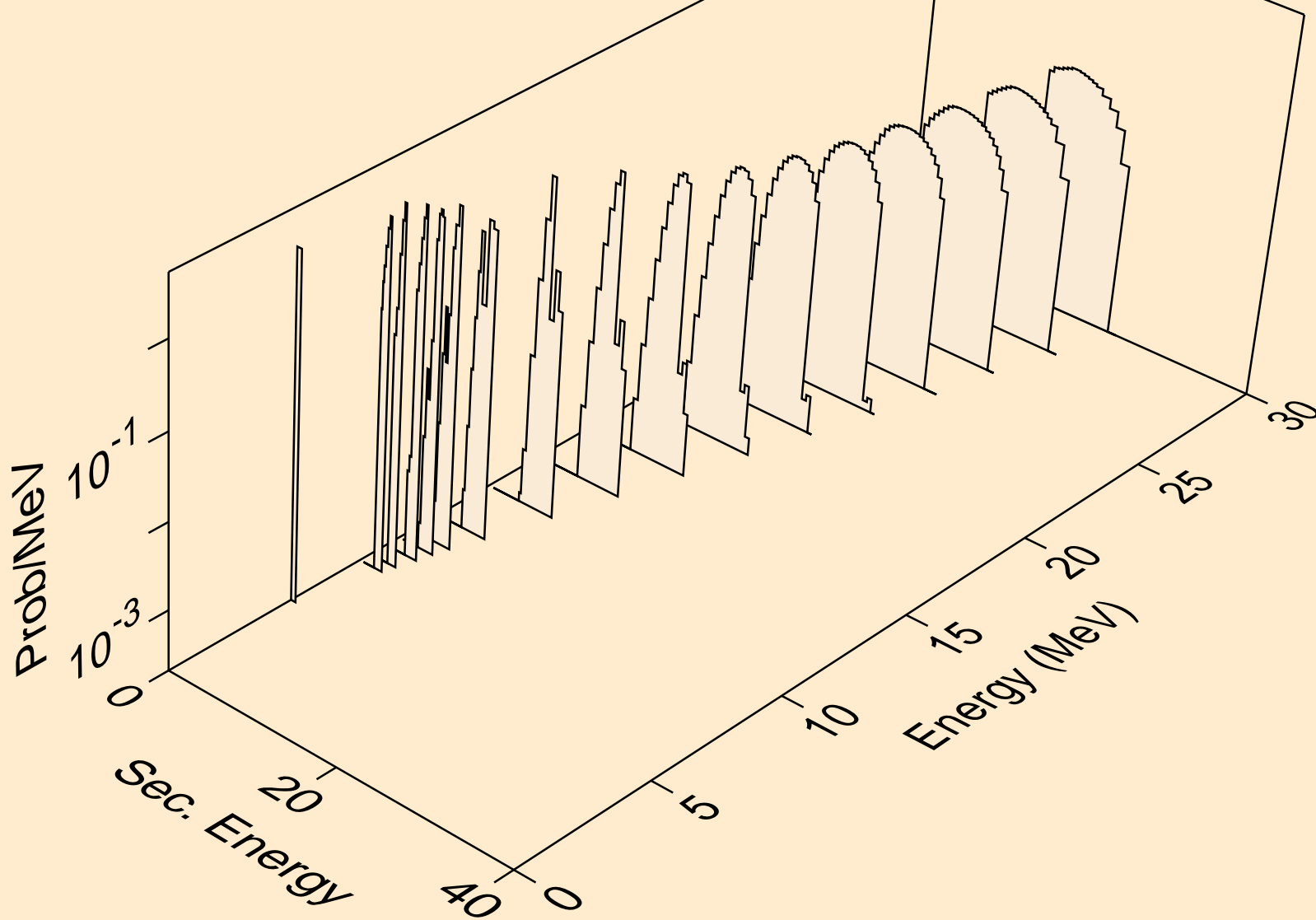




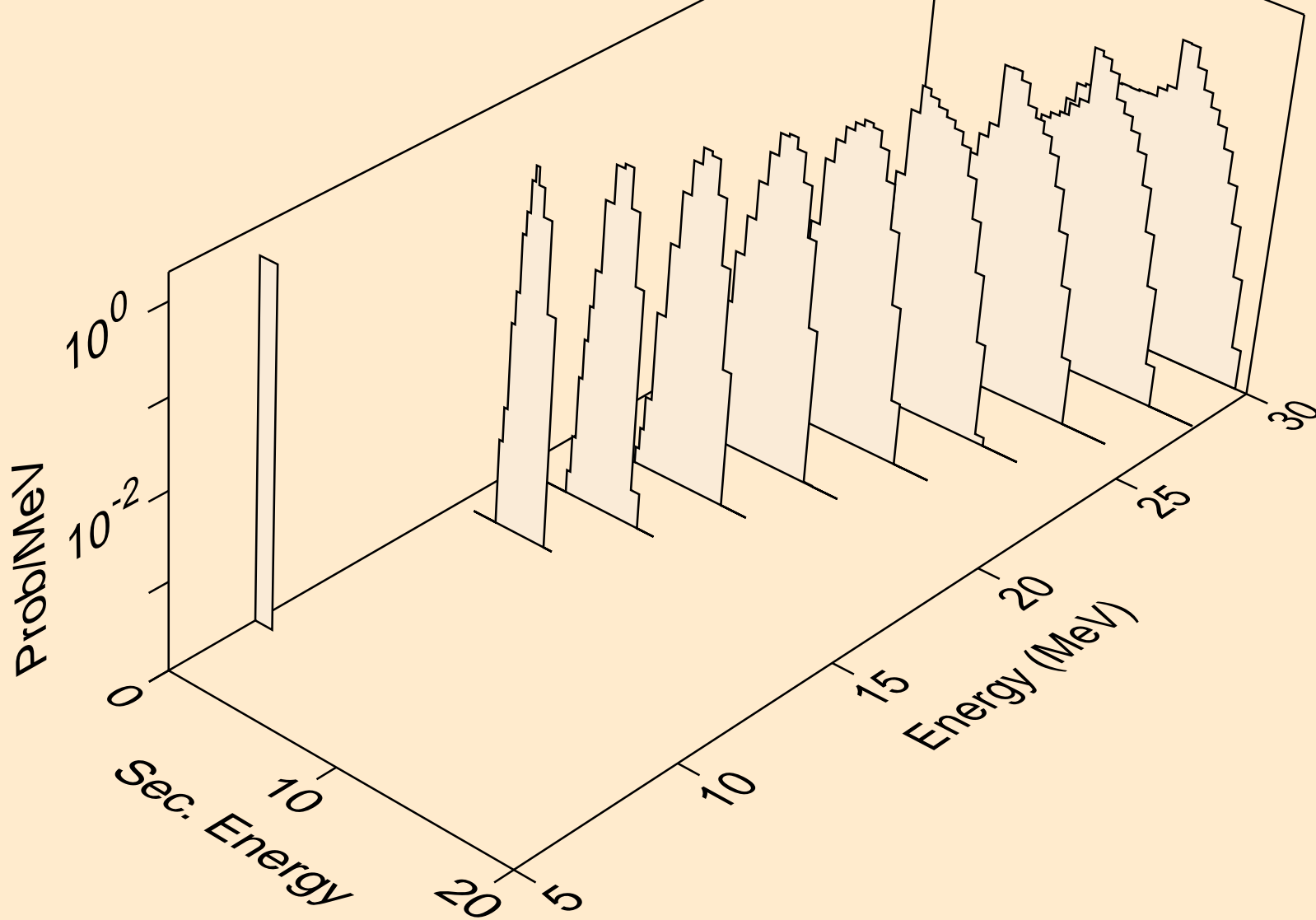
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



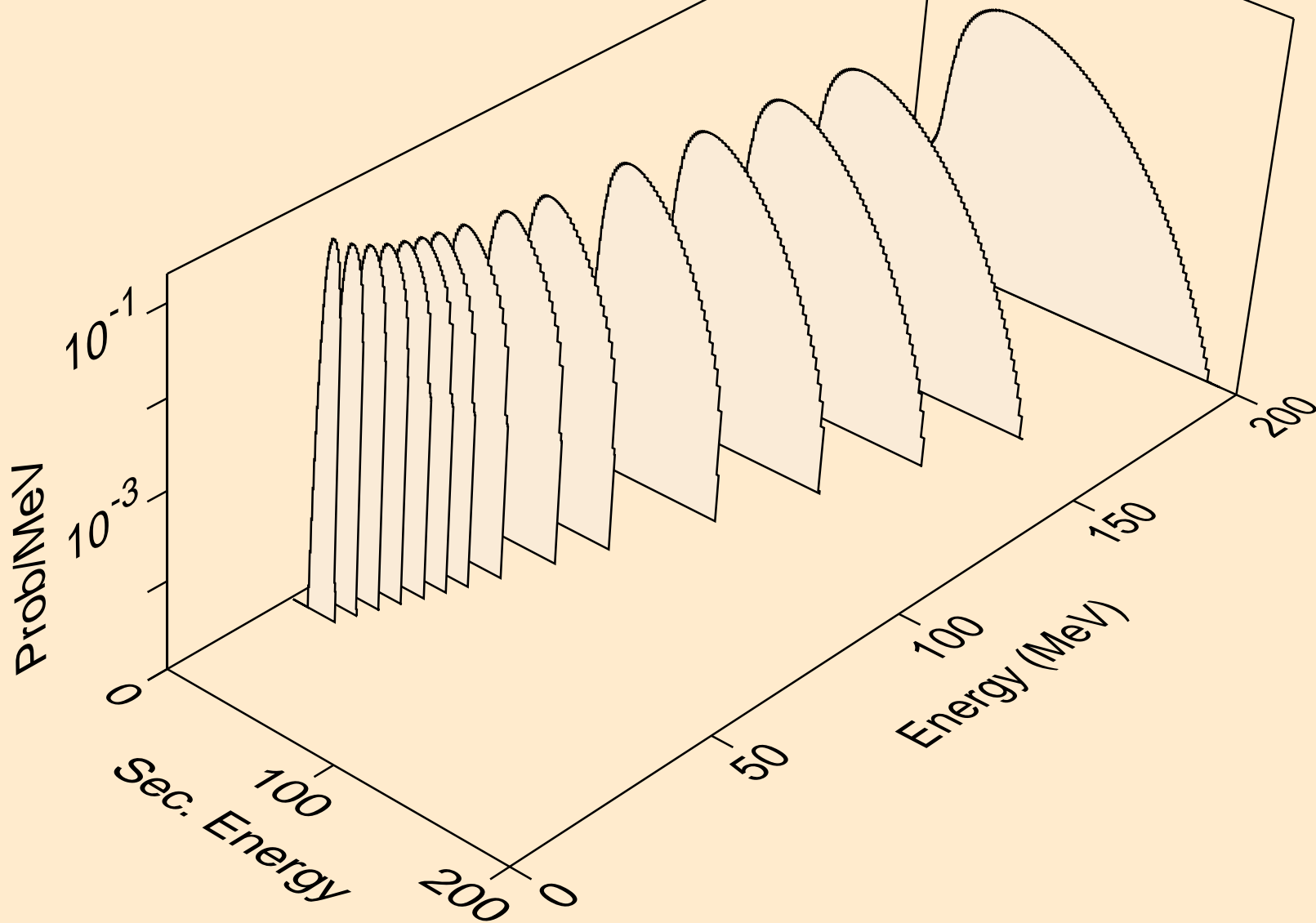
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



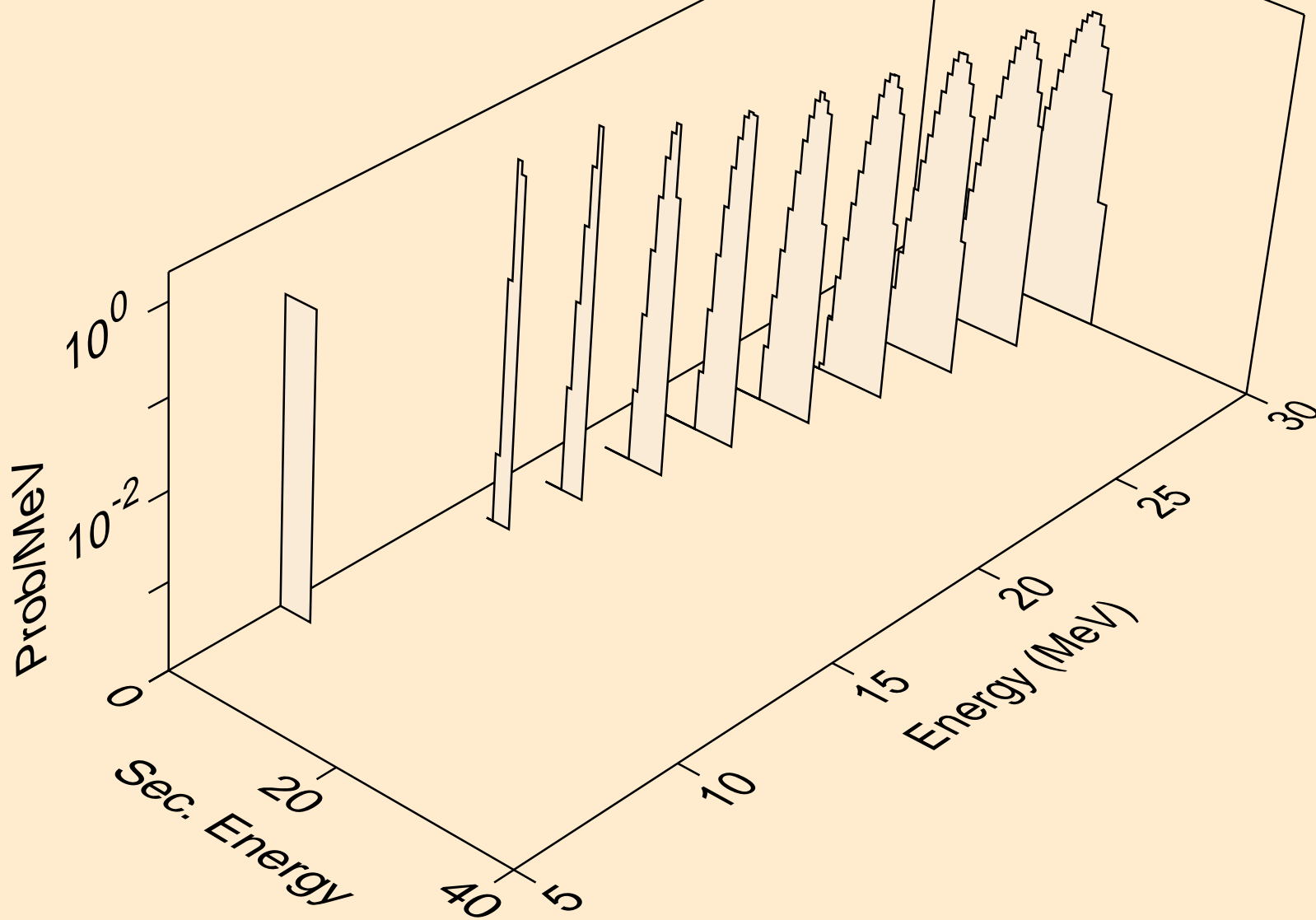
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)



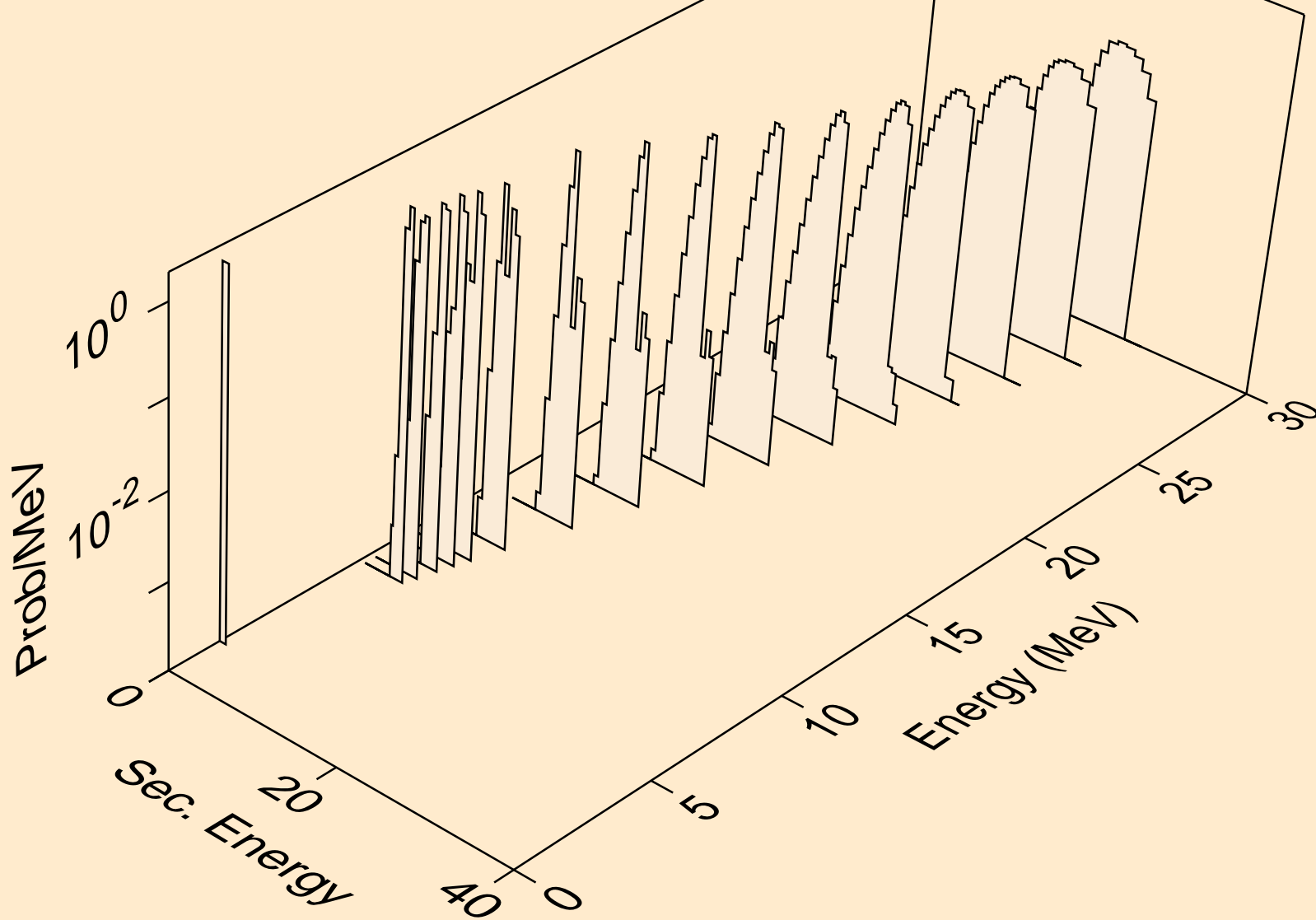
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



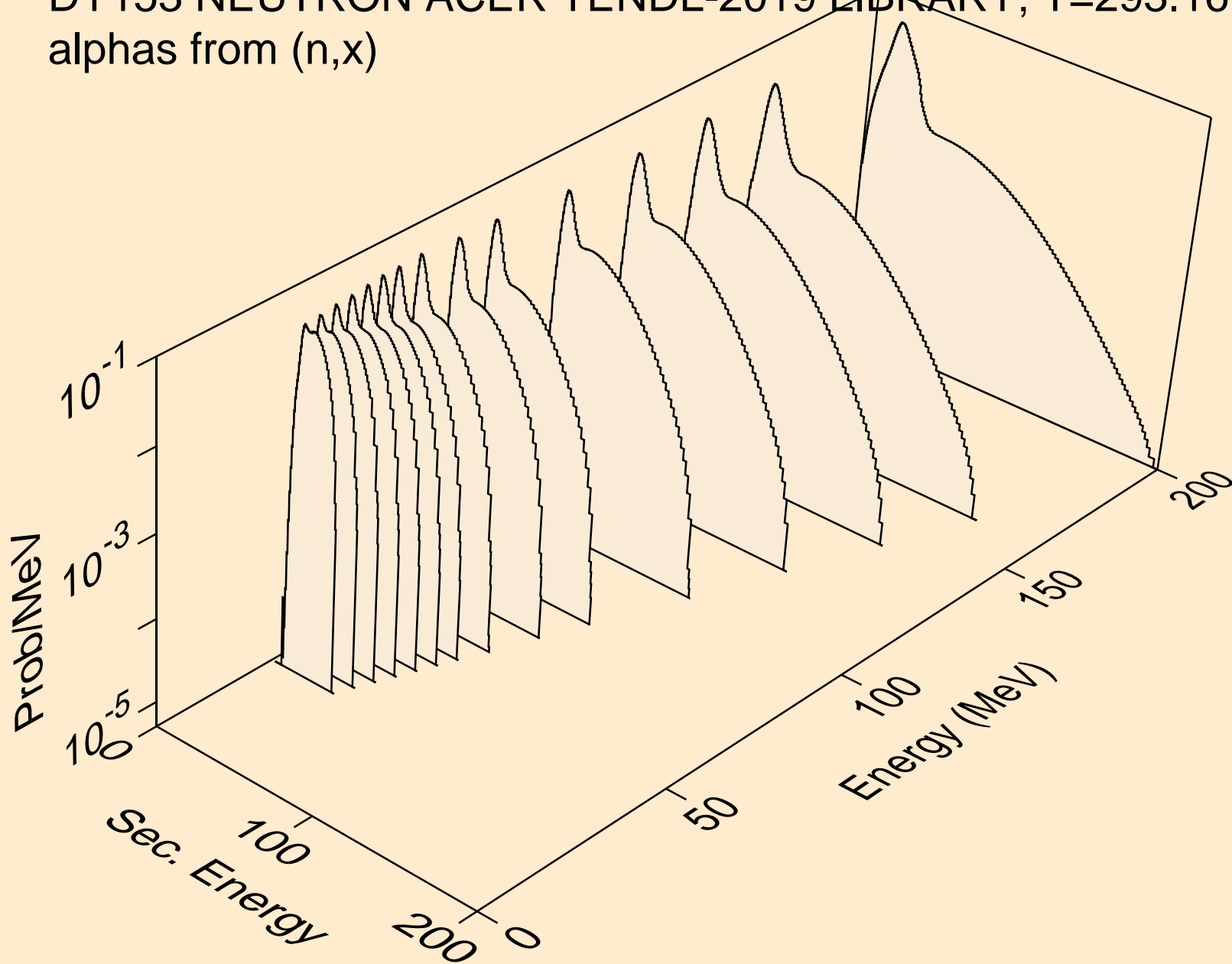
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



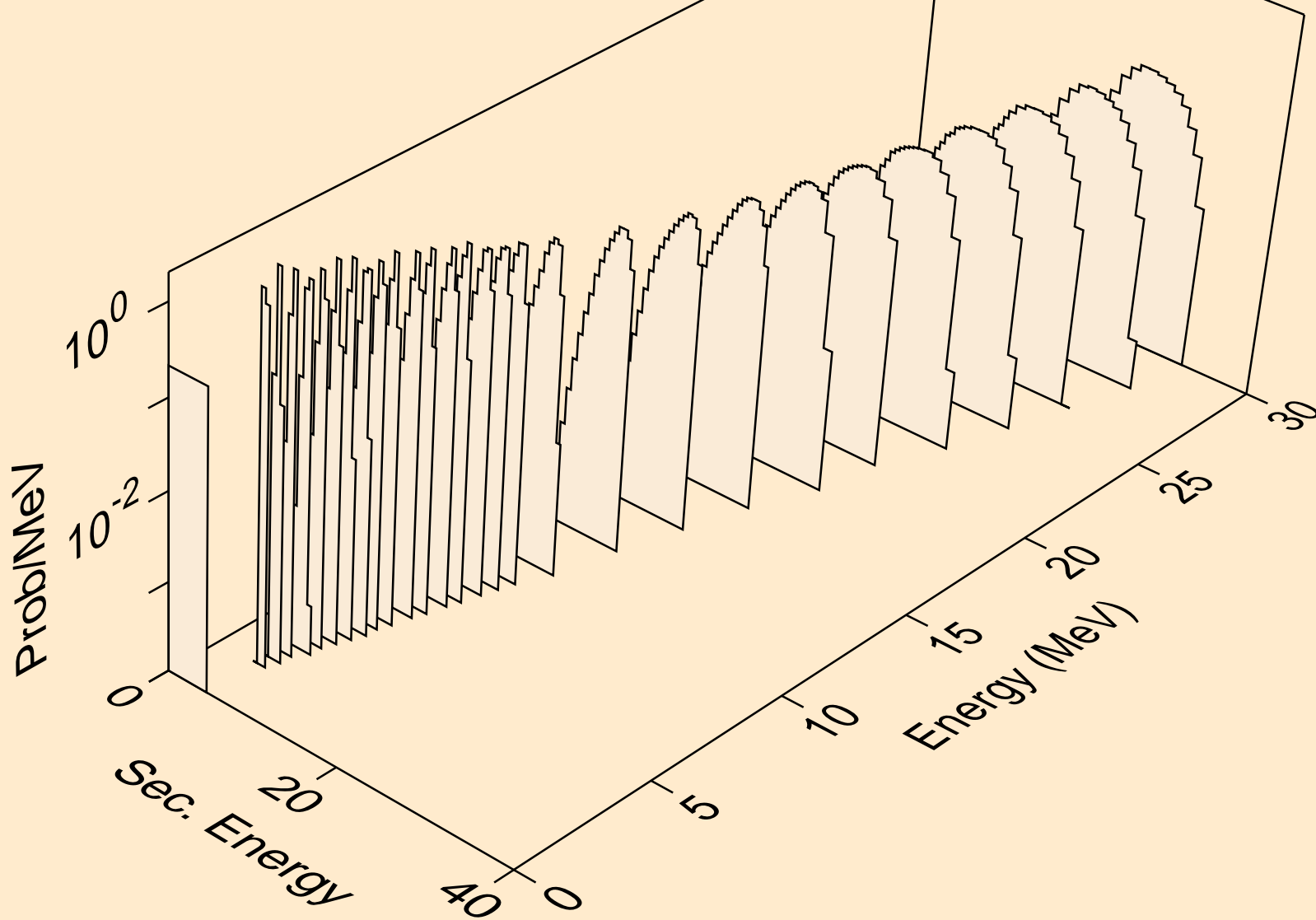
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)

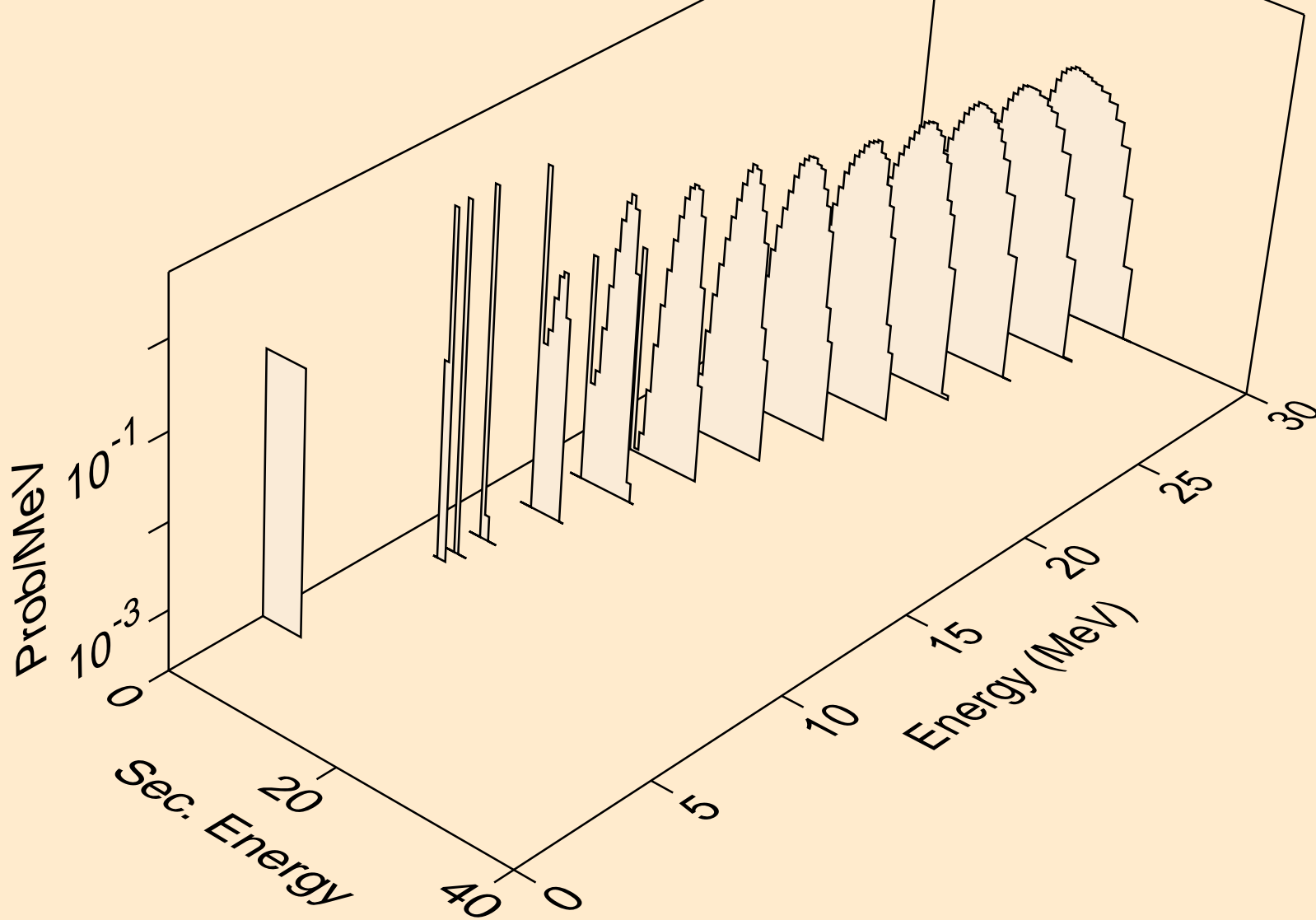


DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a

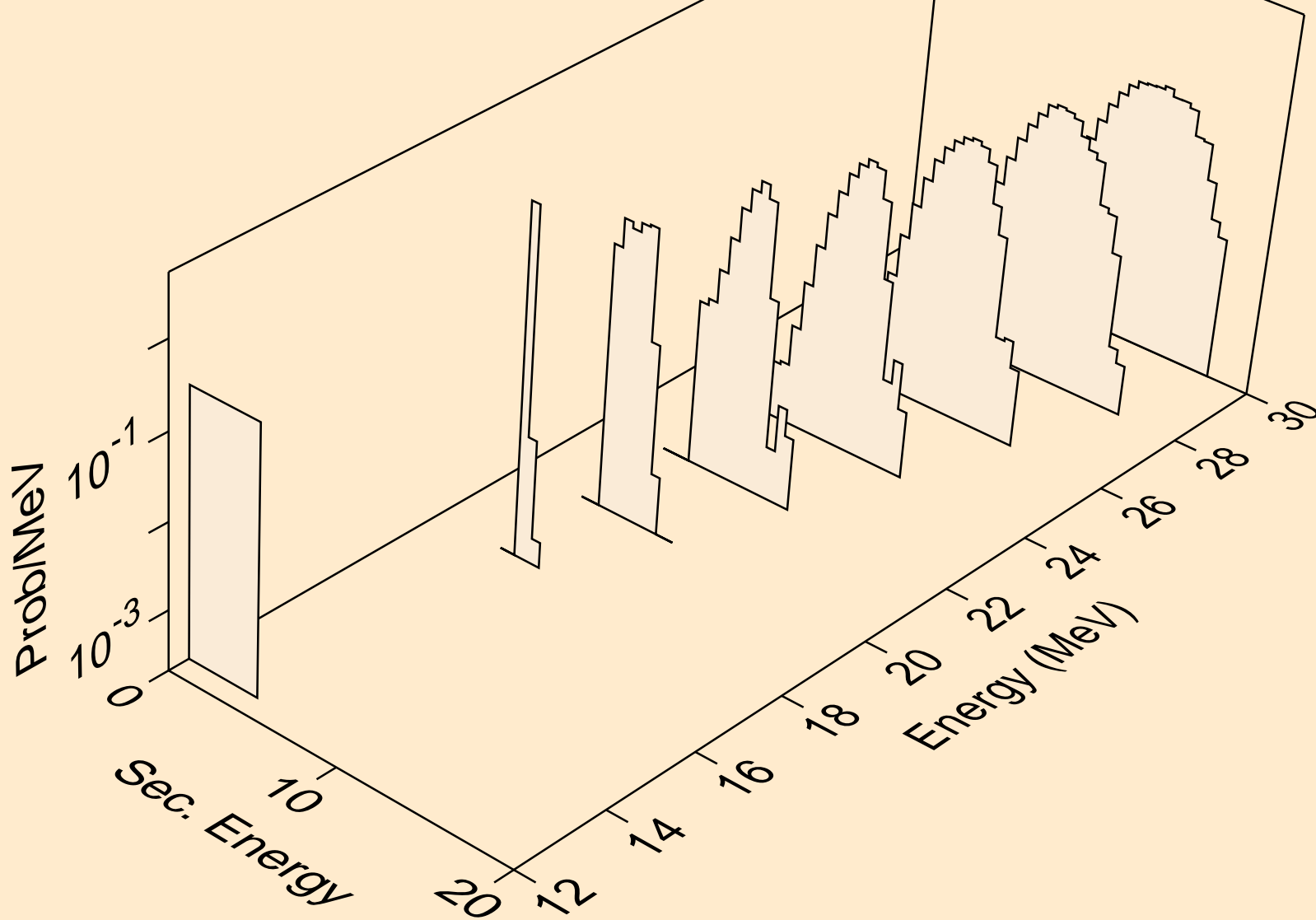




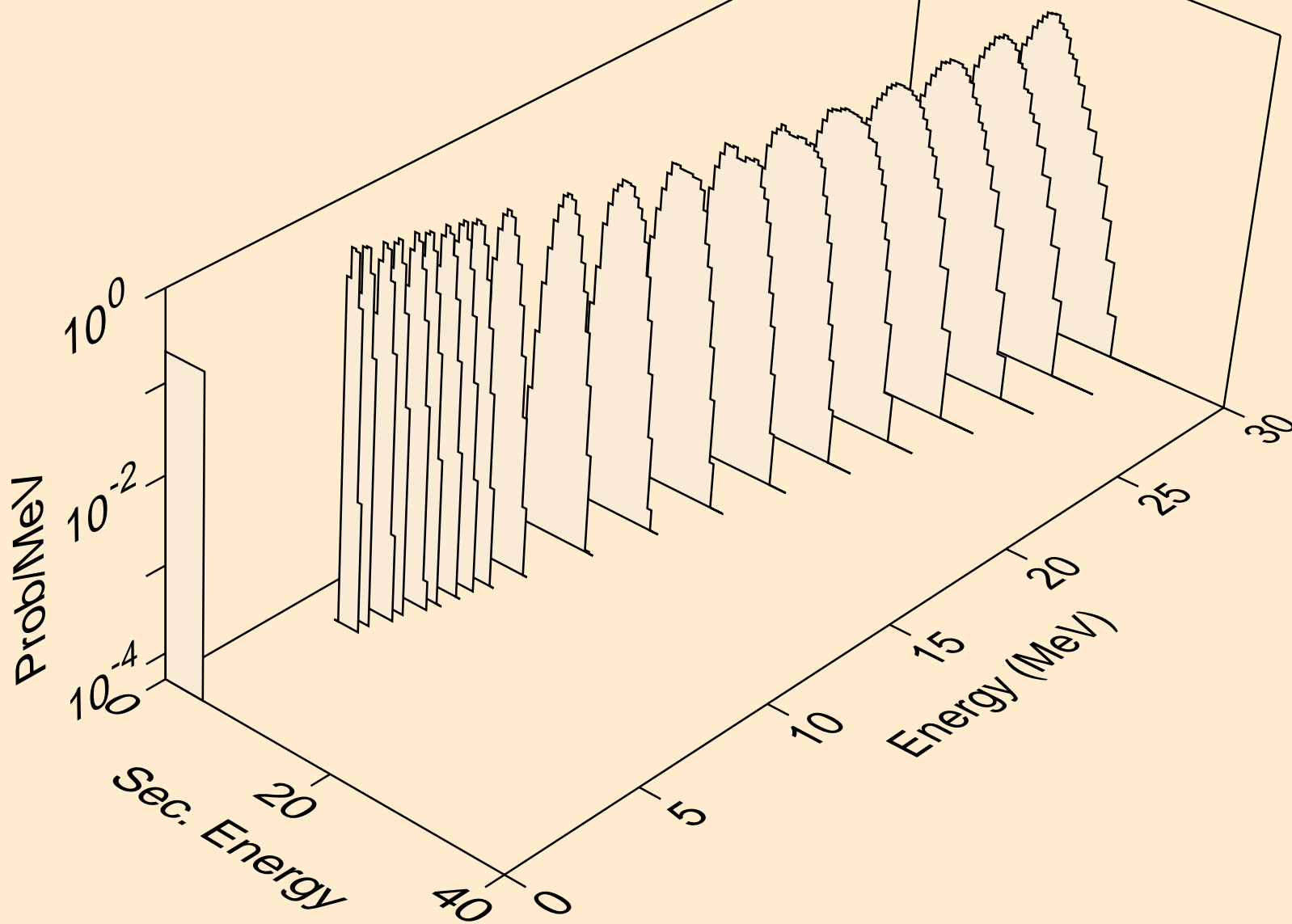
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



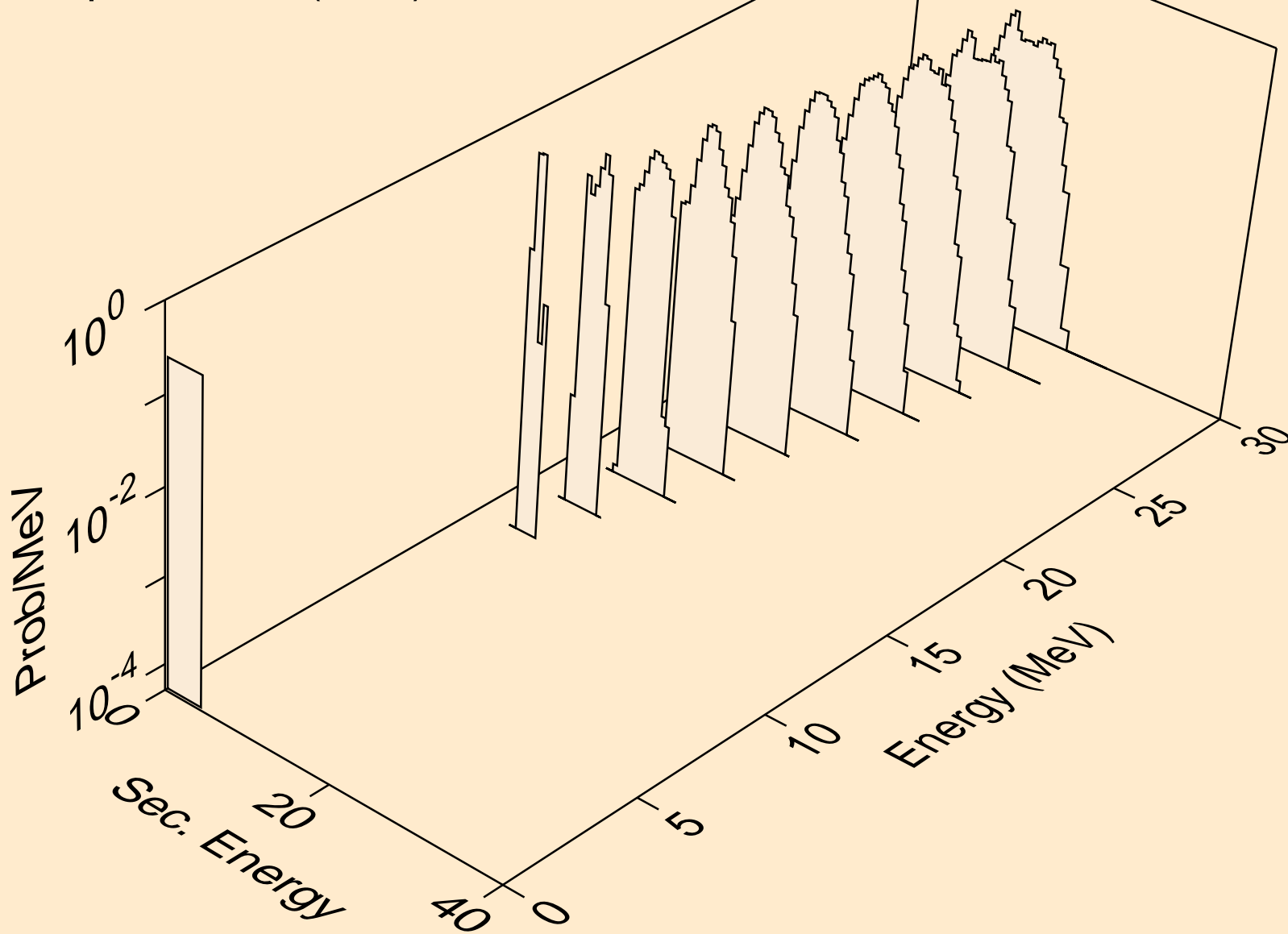
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



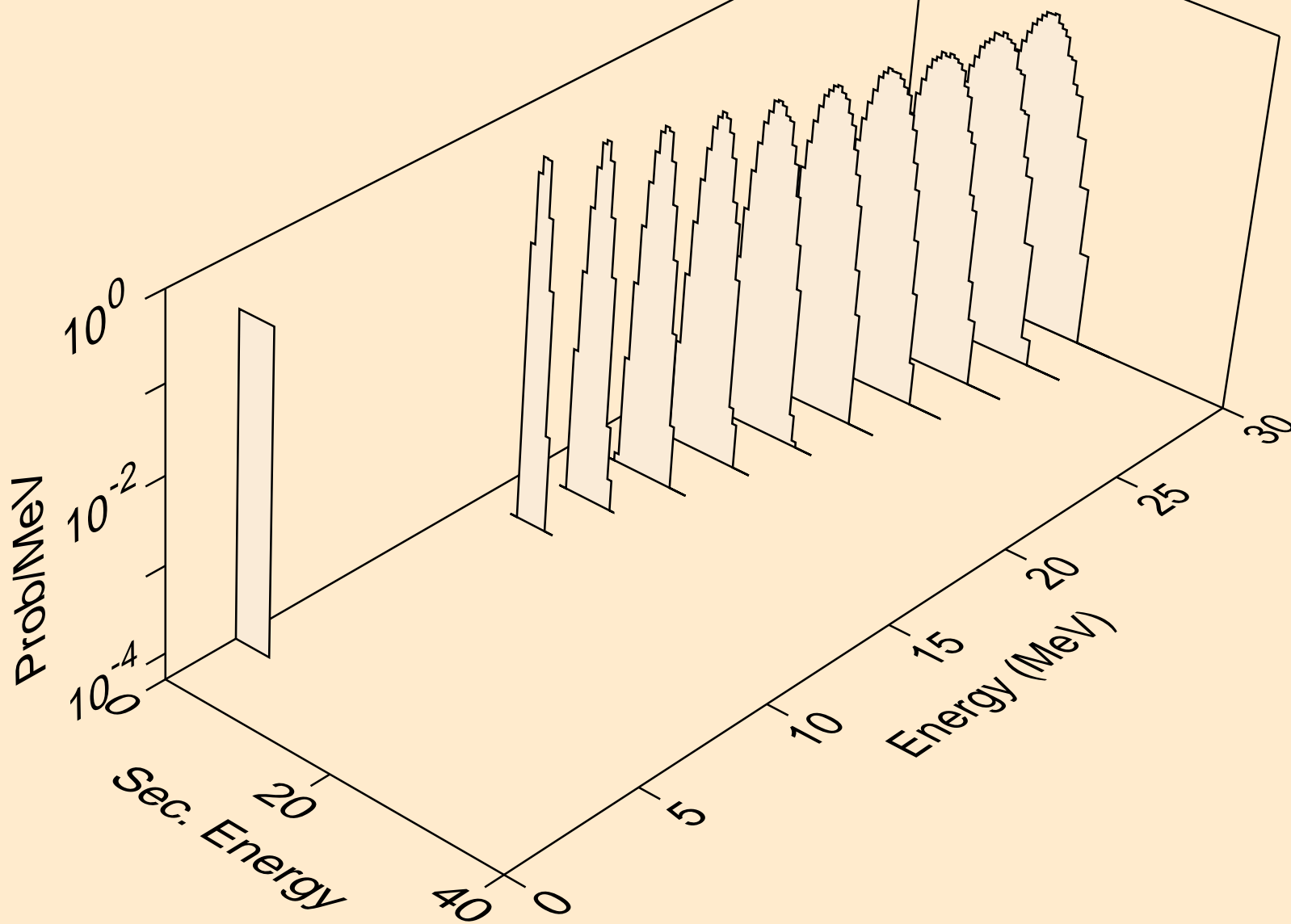
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



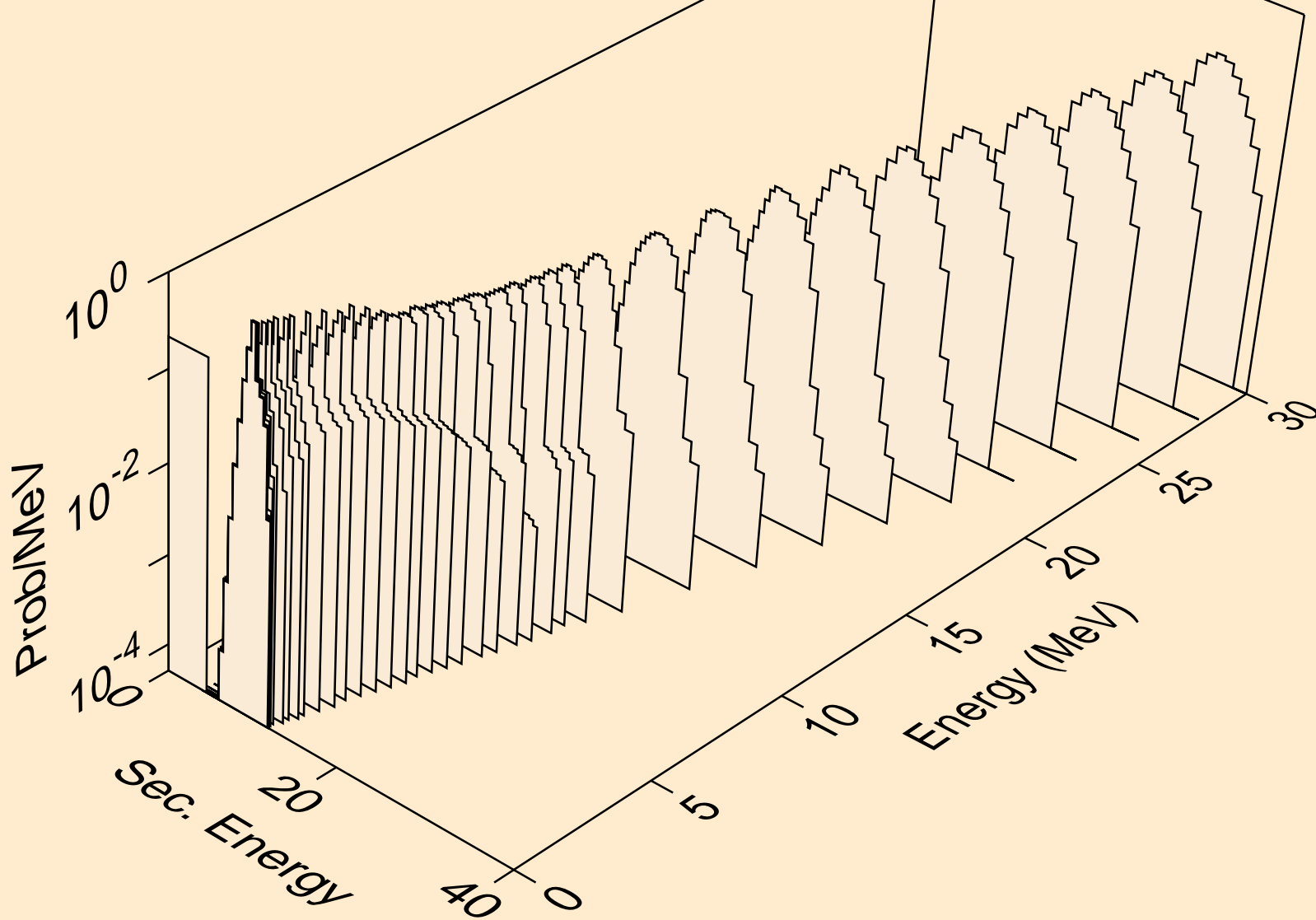
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)2a



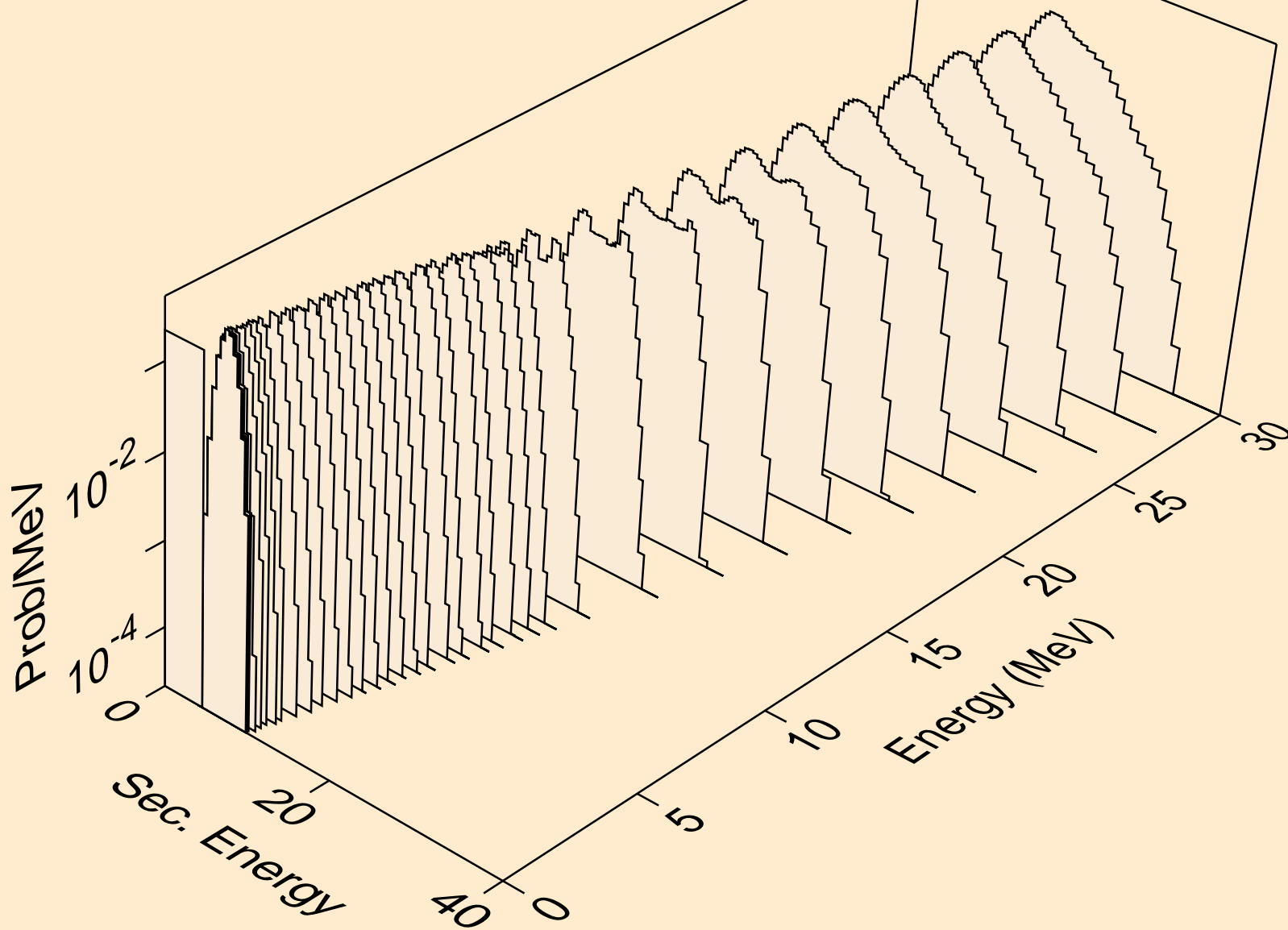
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



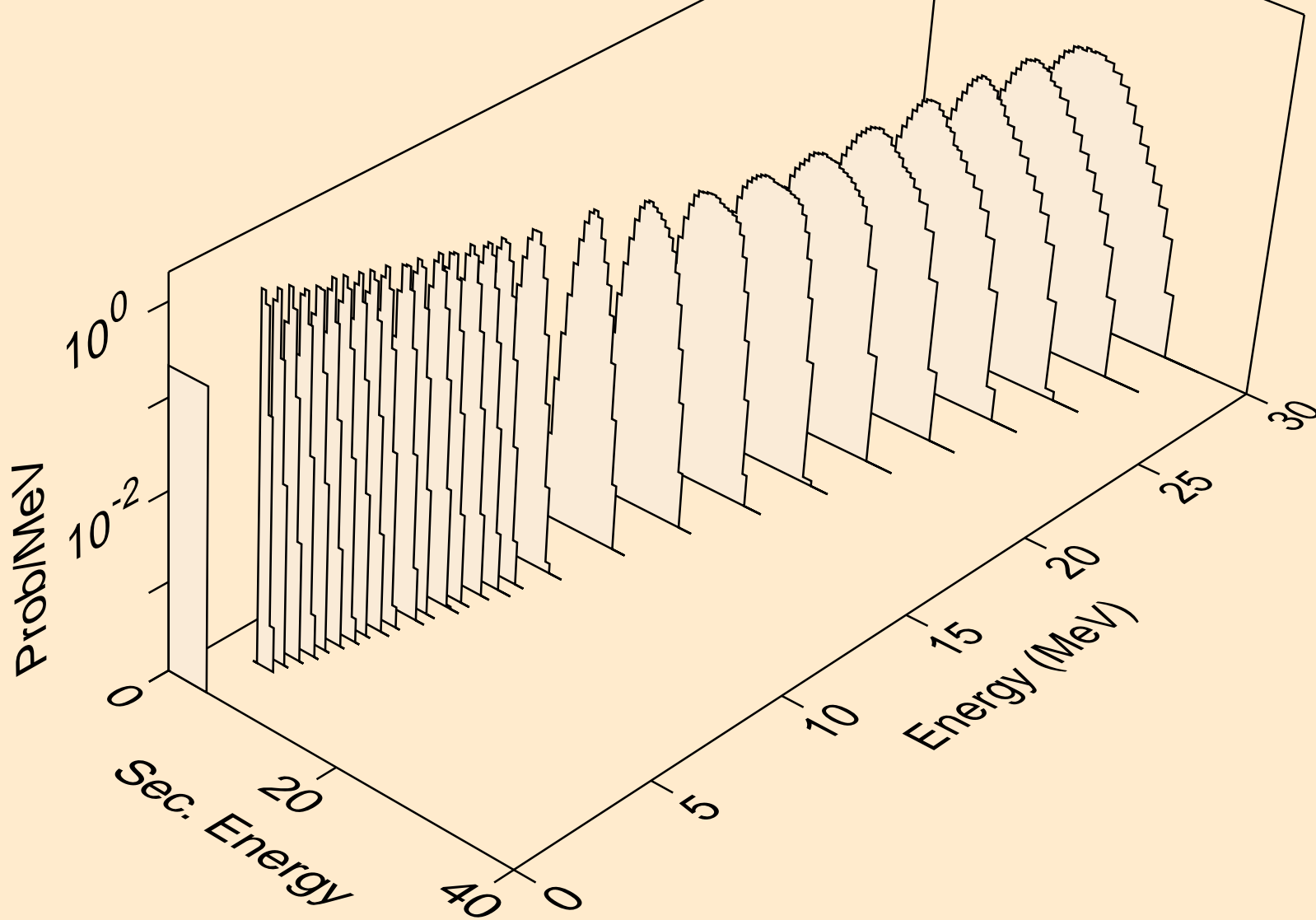
DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)





DY153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

