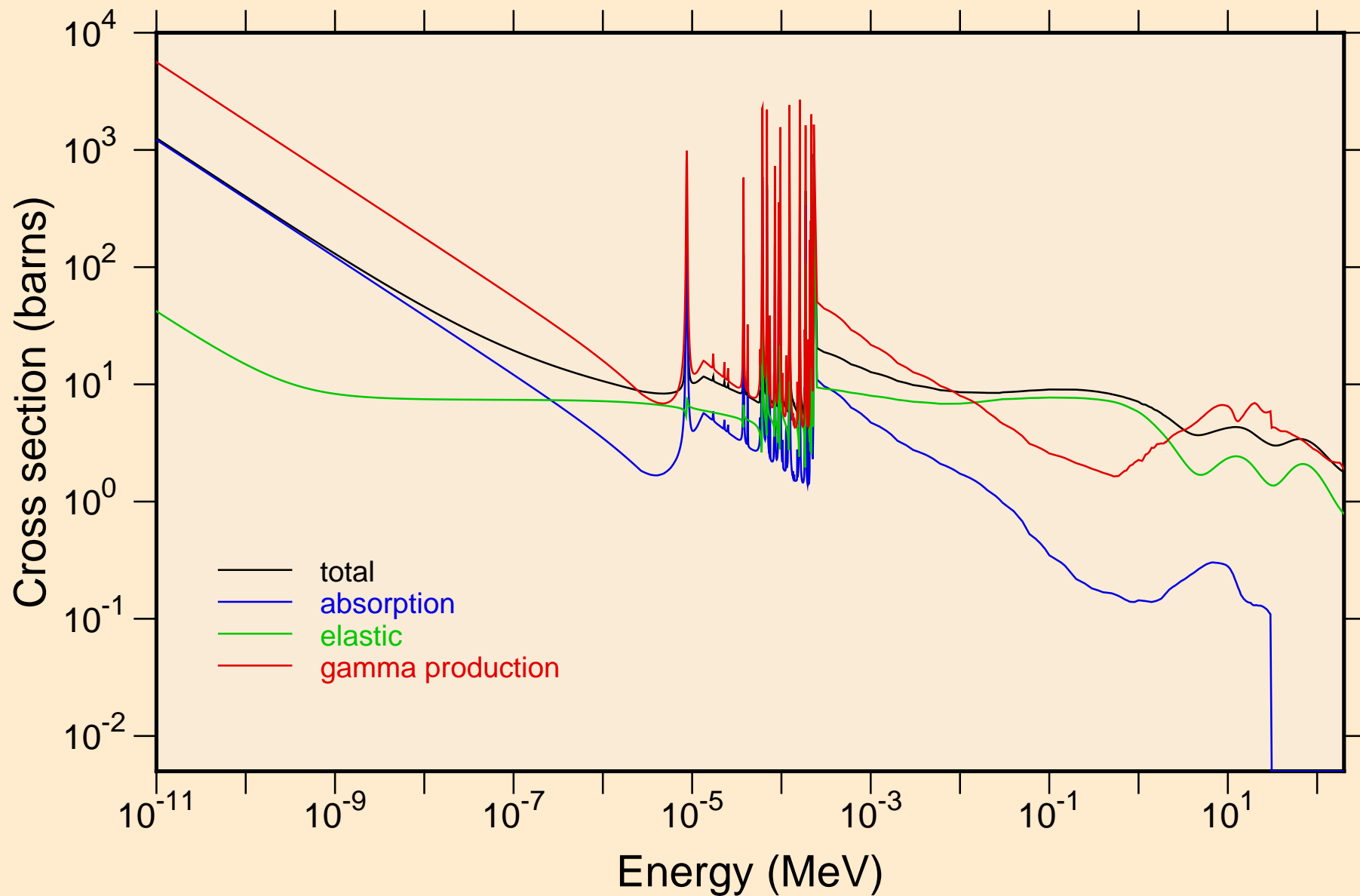
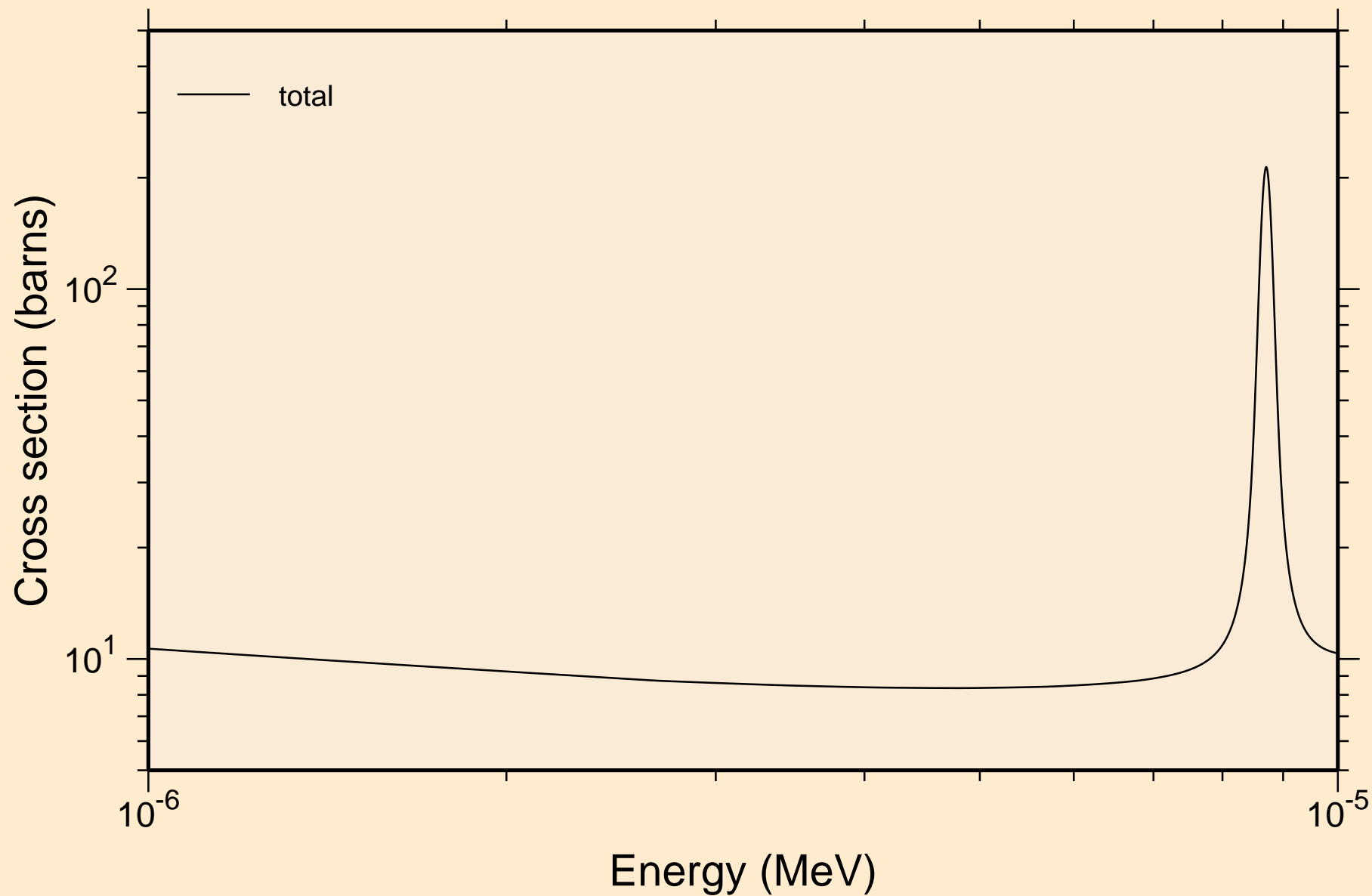


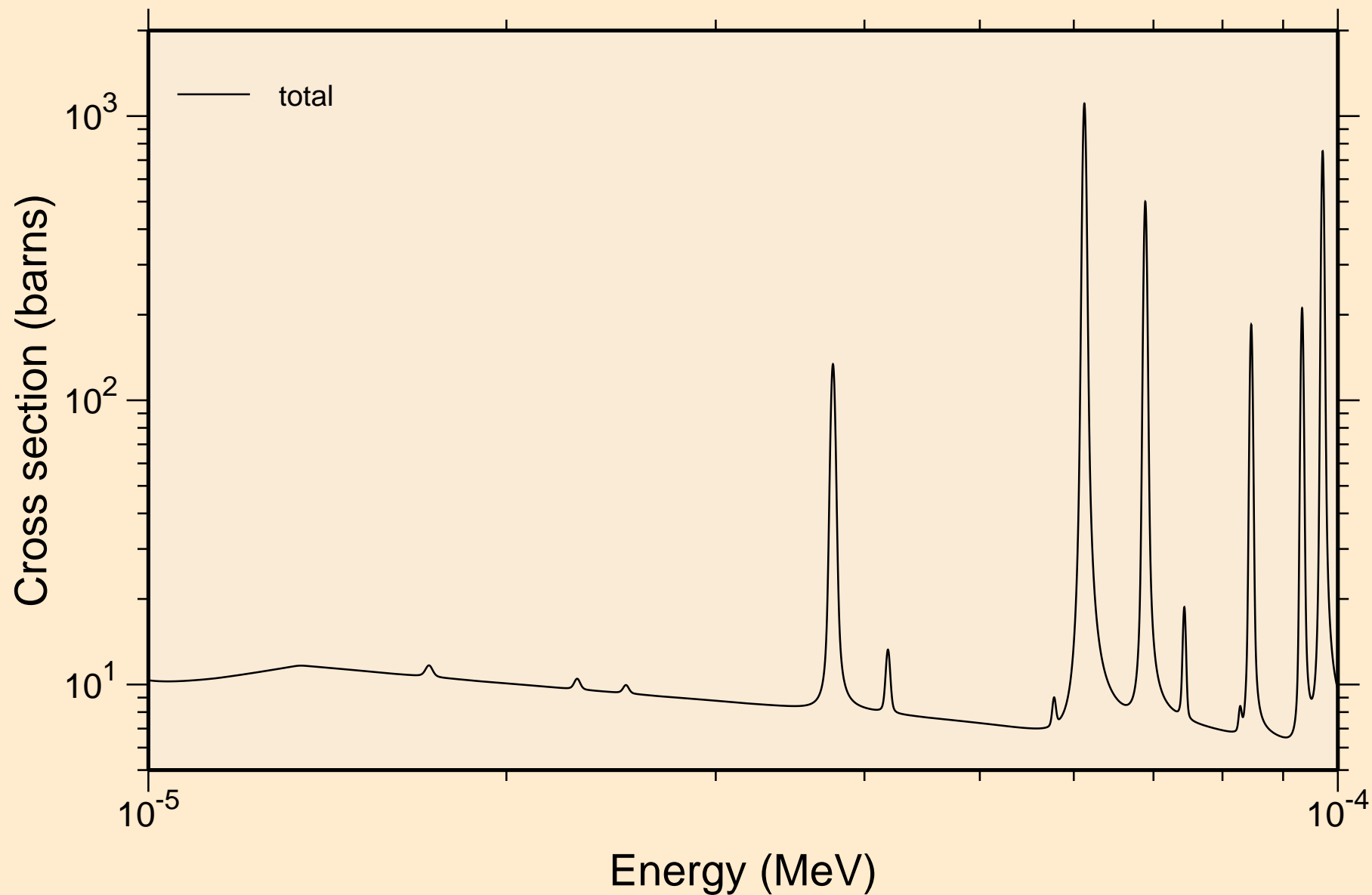
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



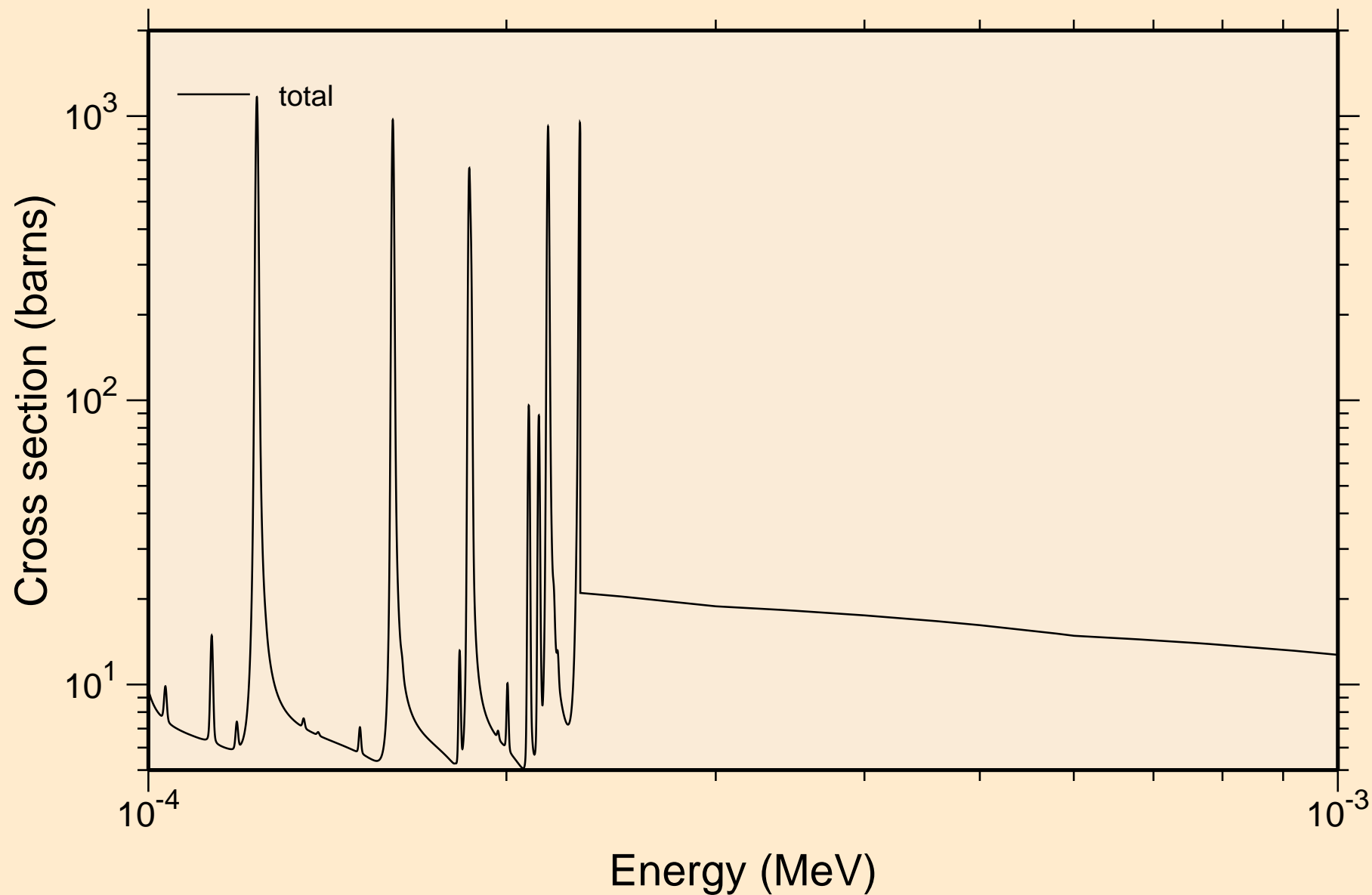
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



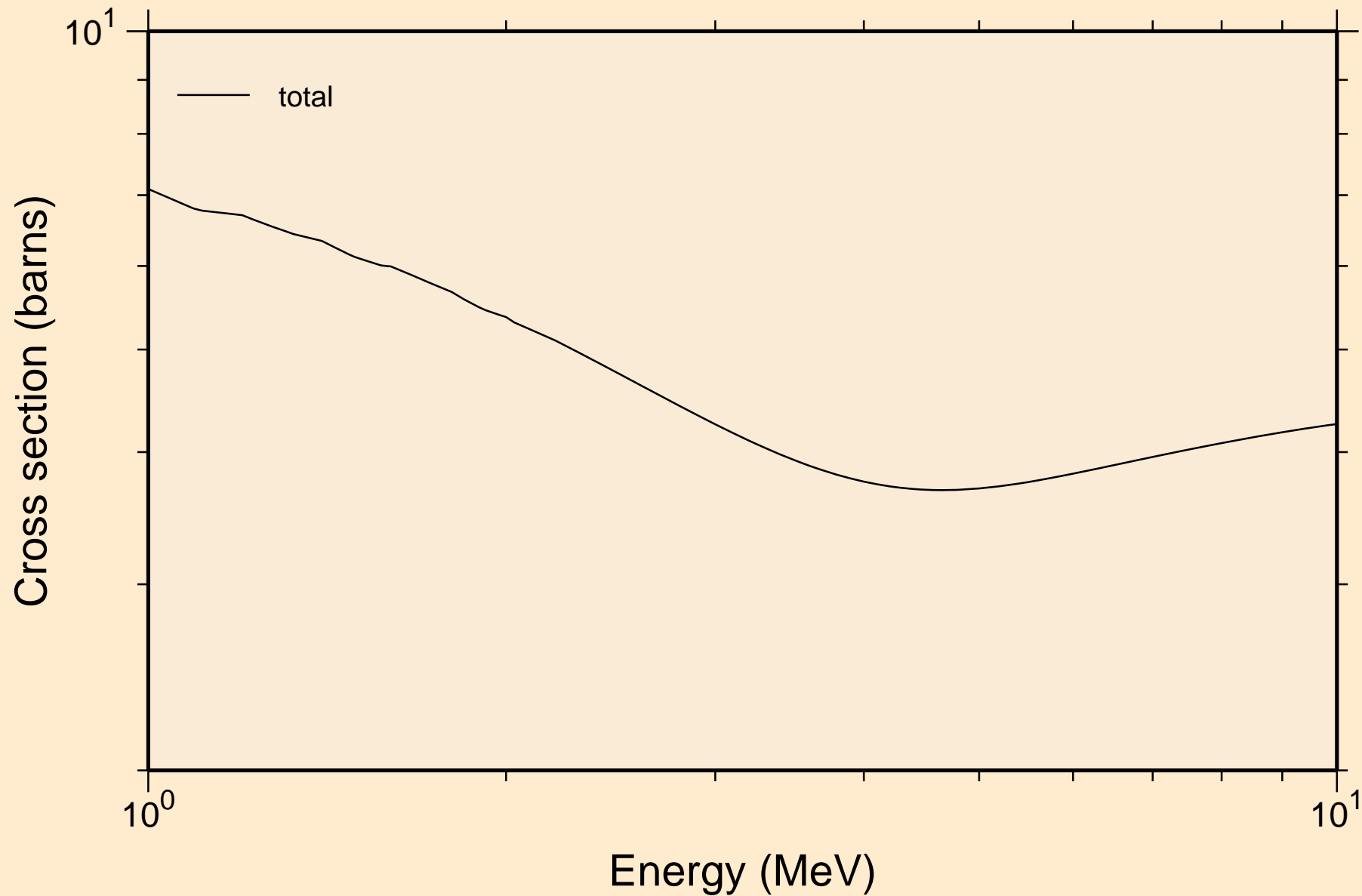
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



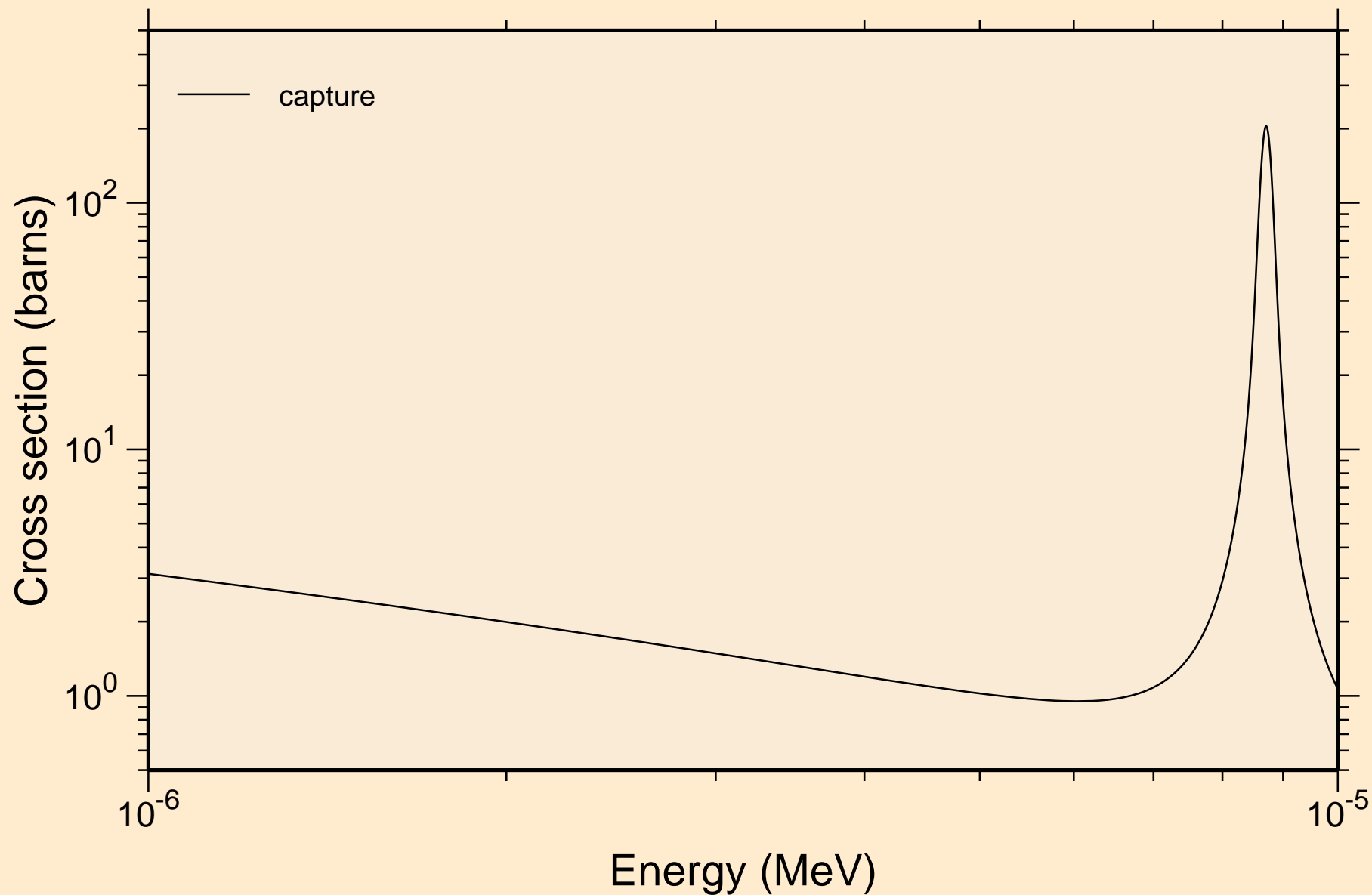
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



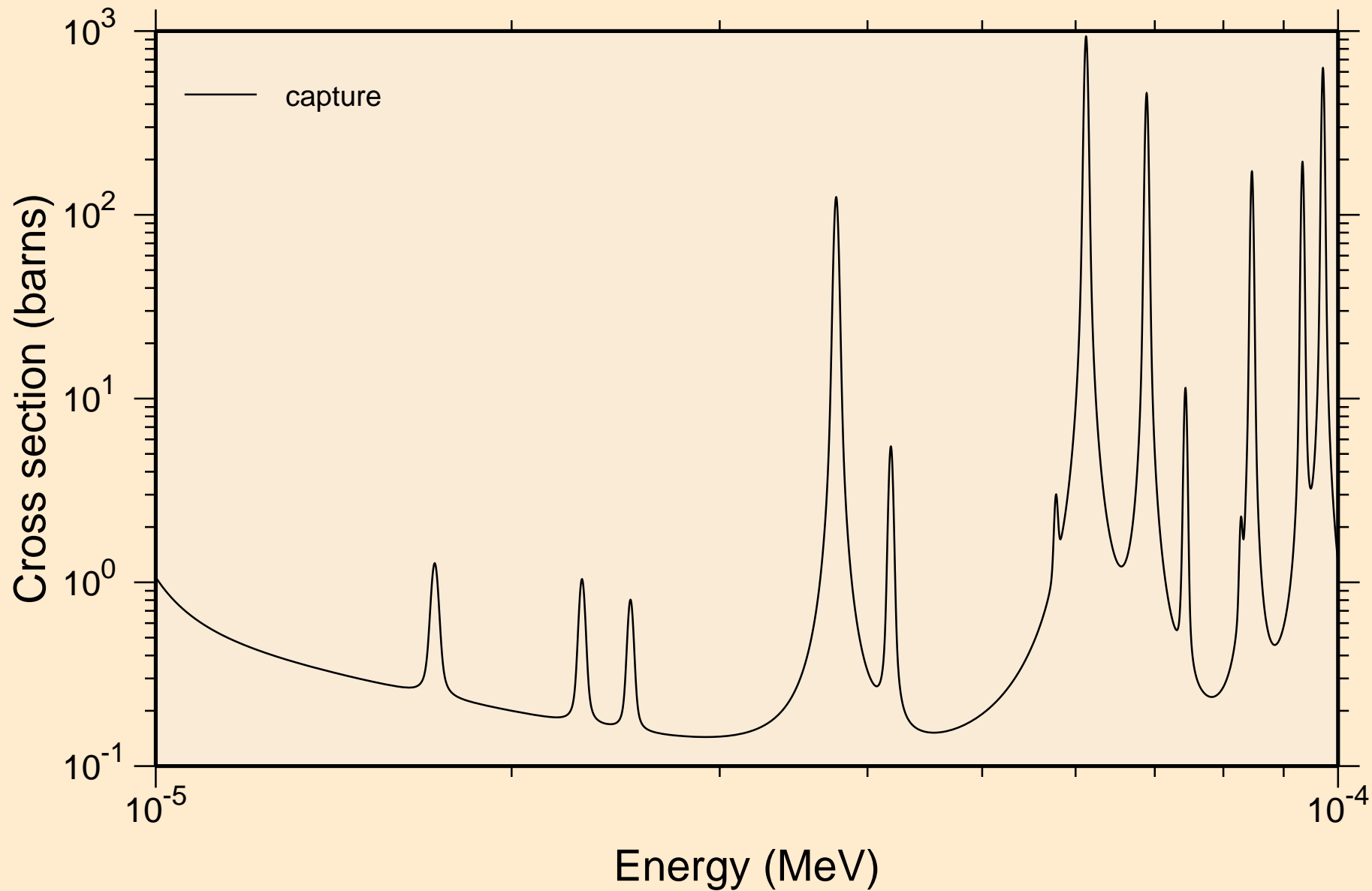
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



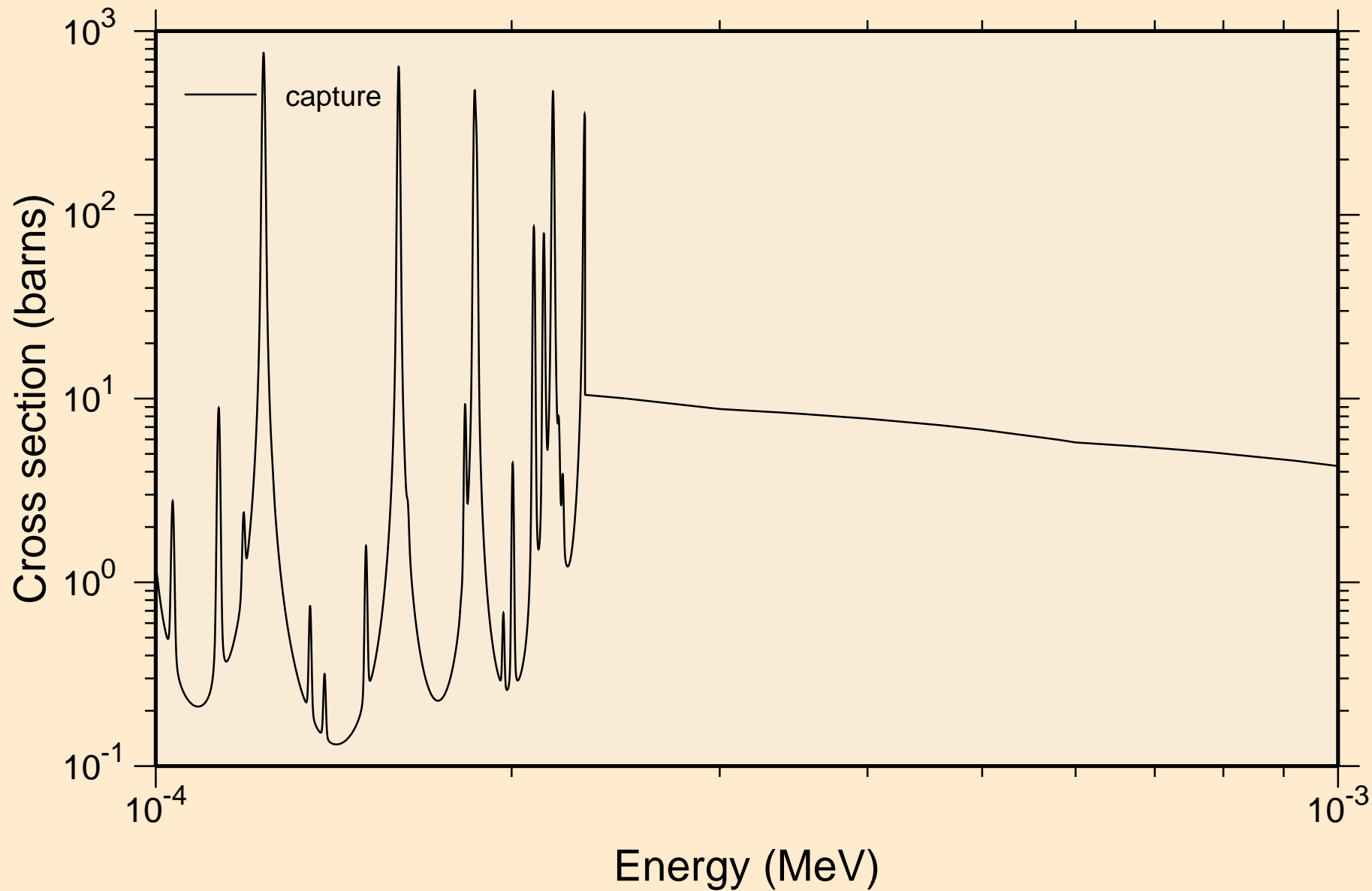
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

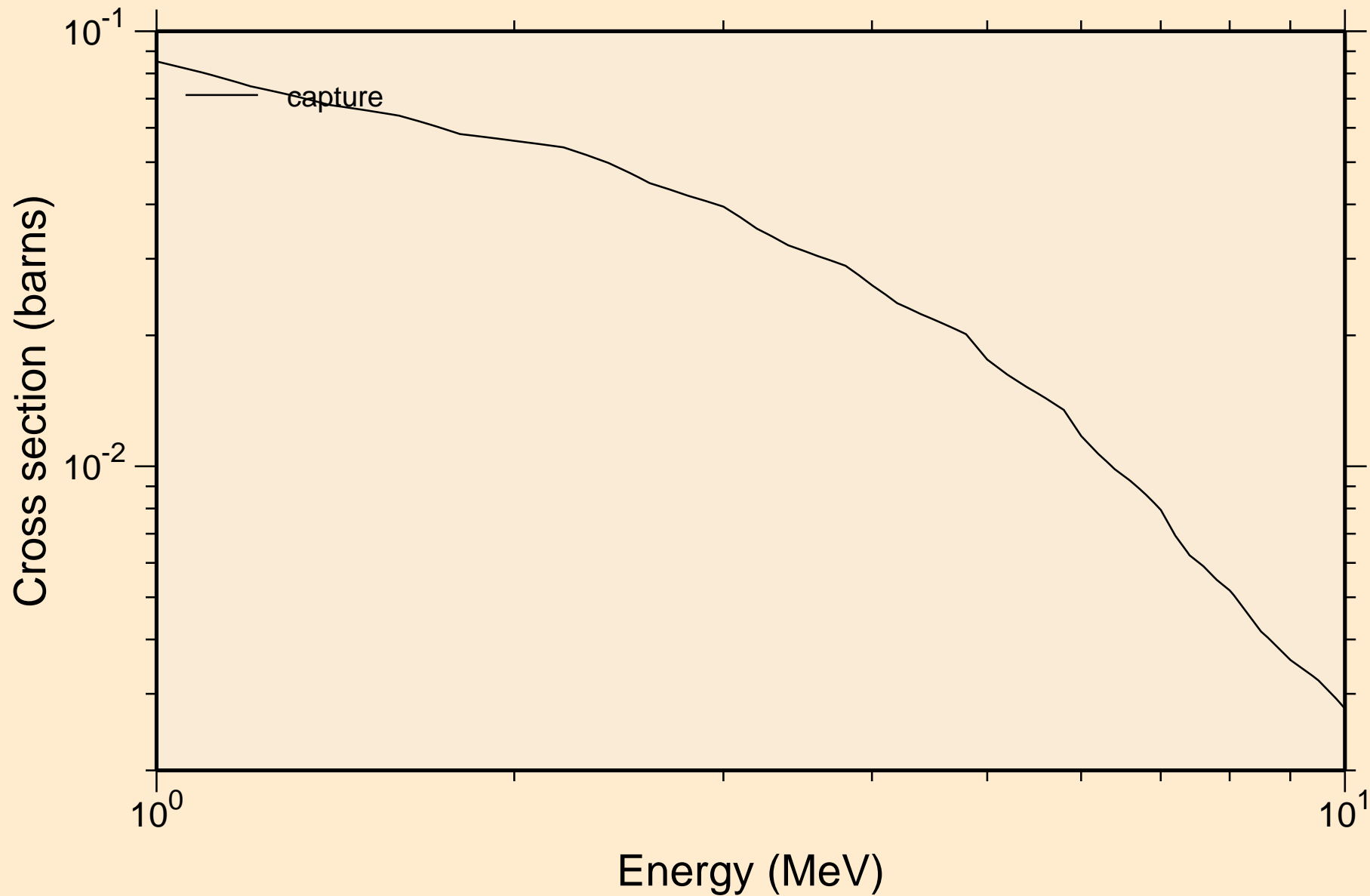


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

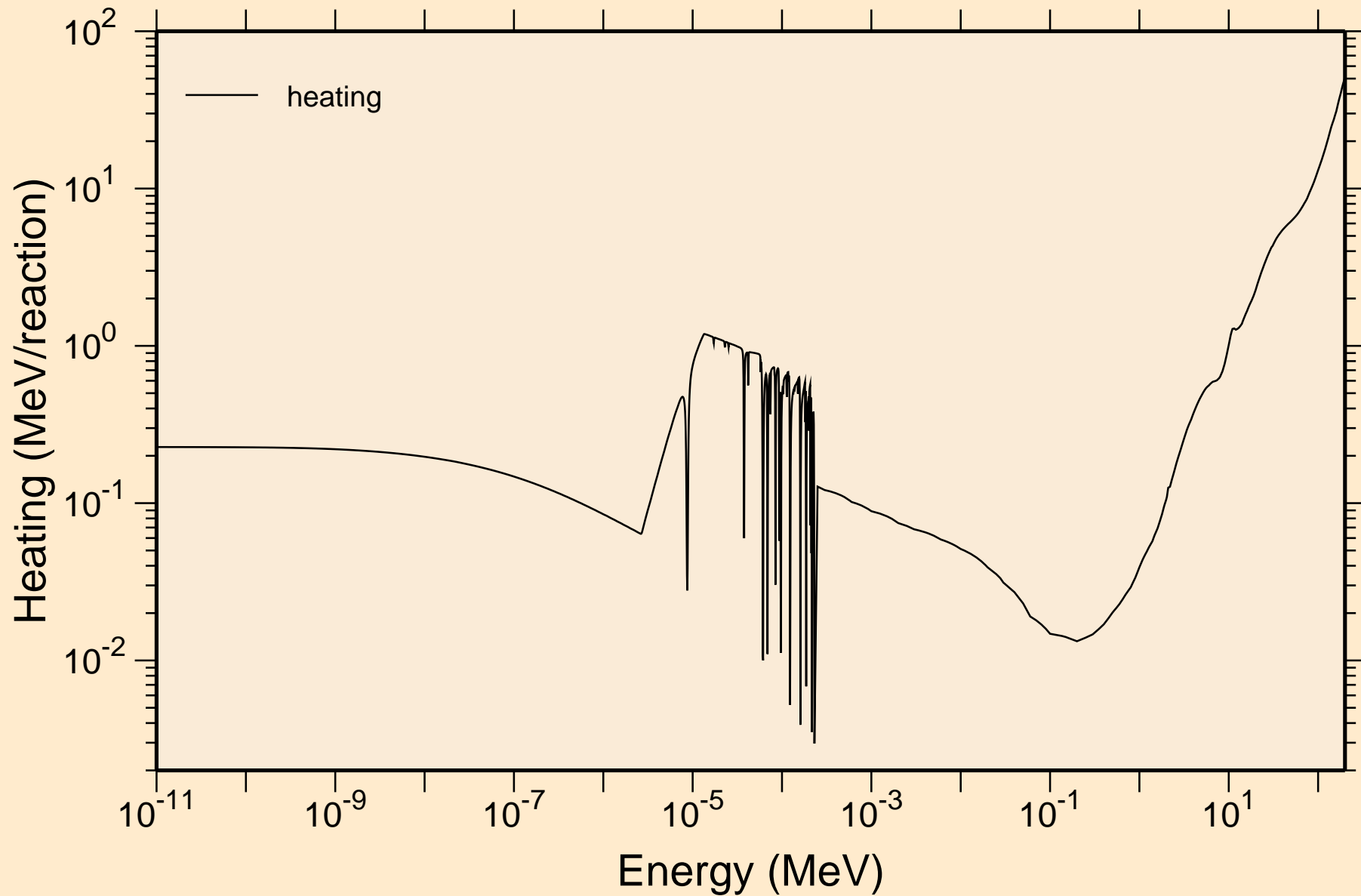




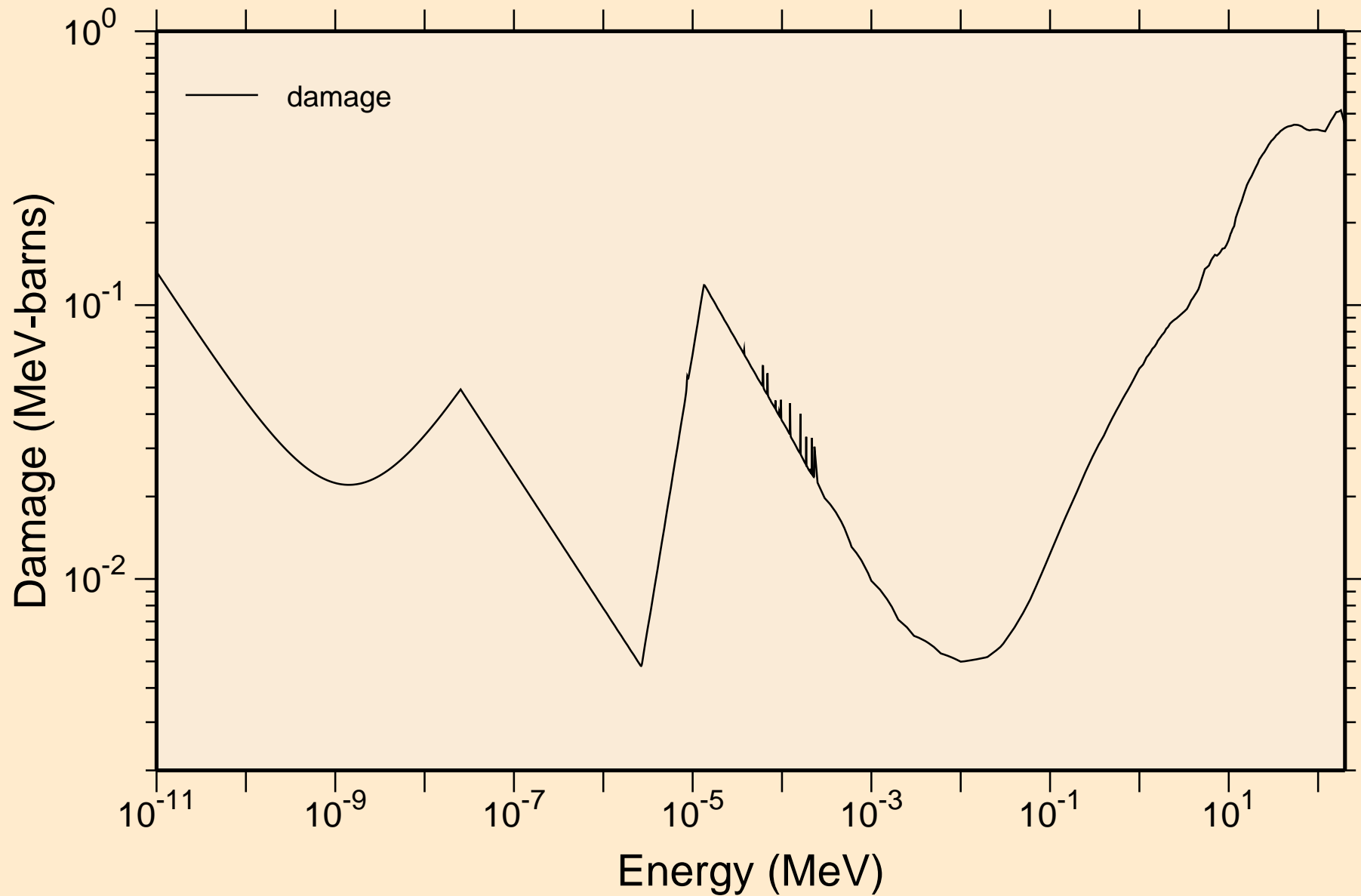
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



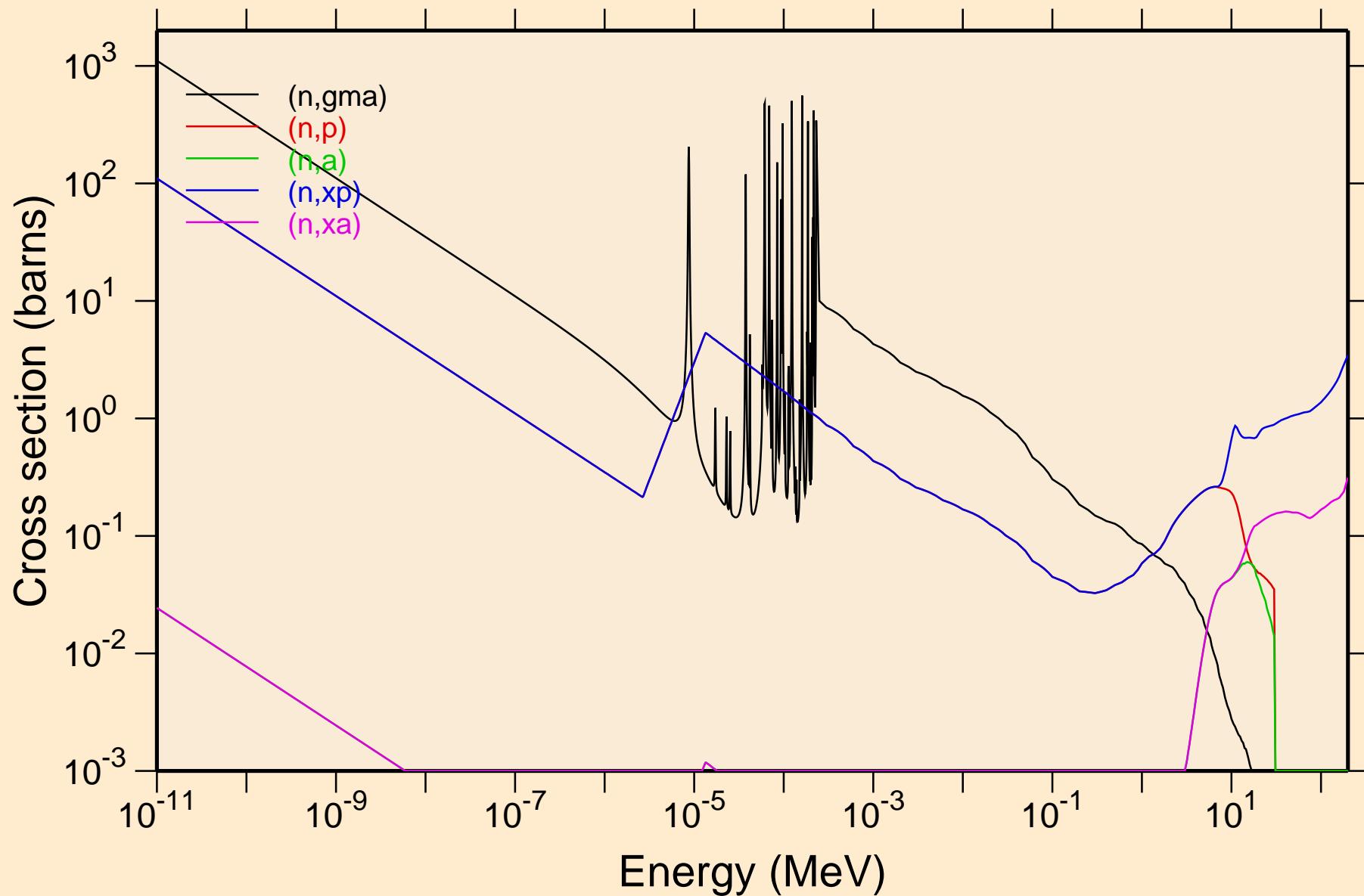
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



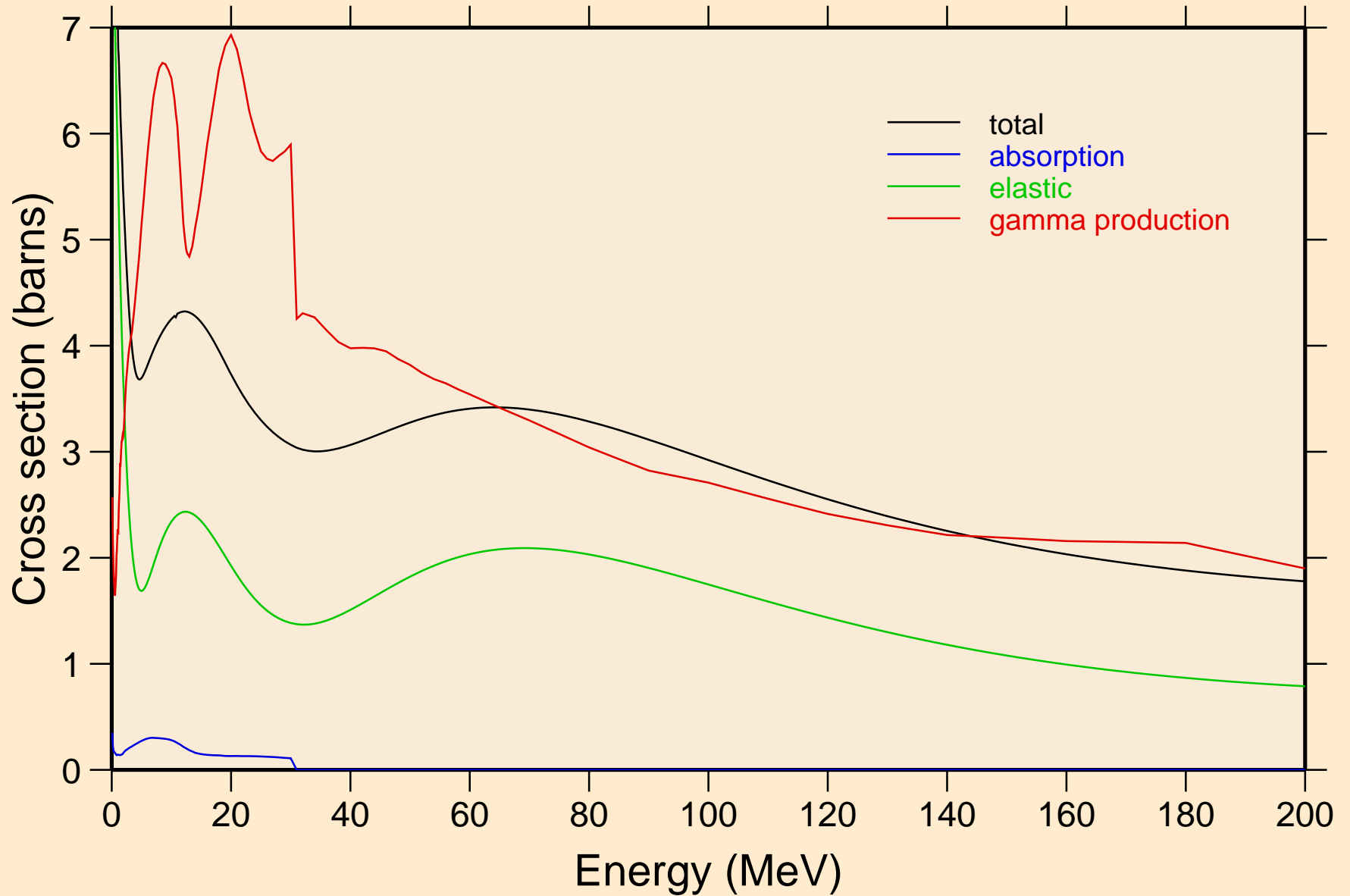
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage



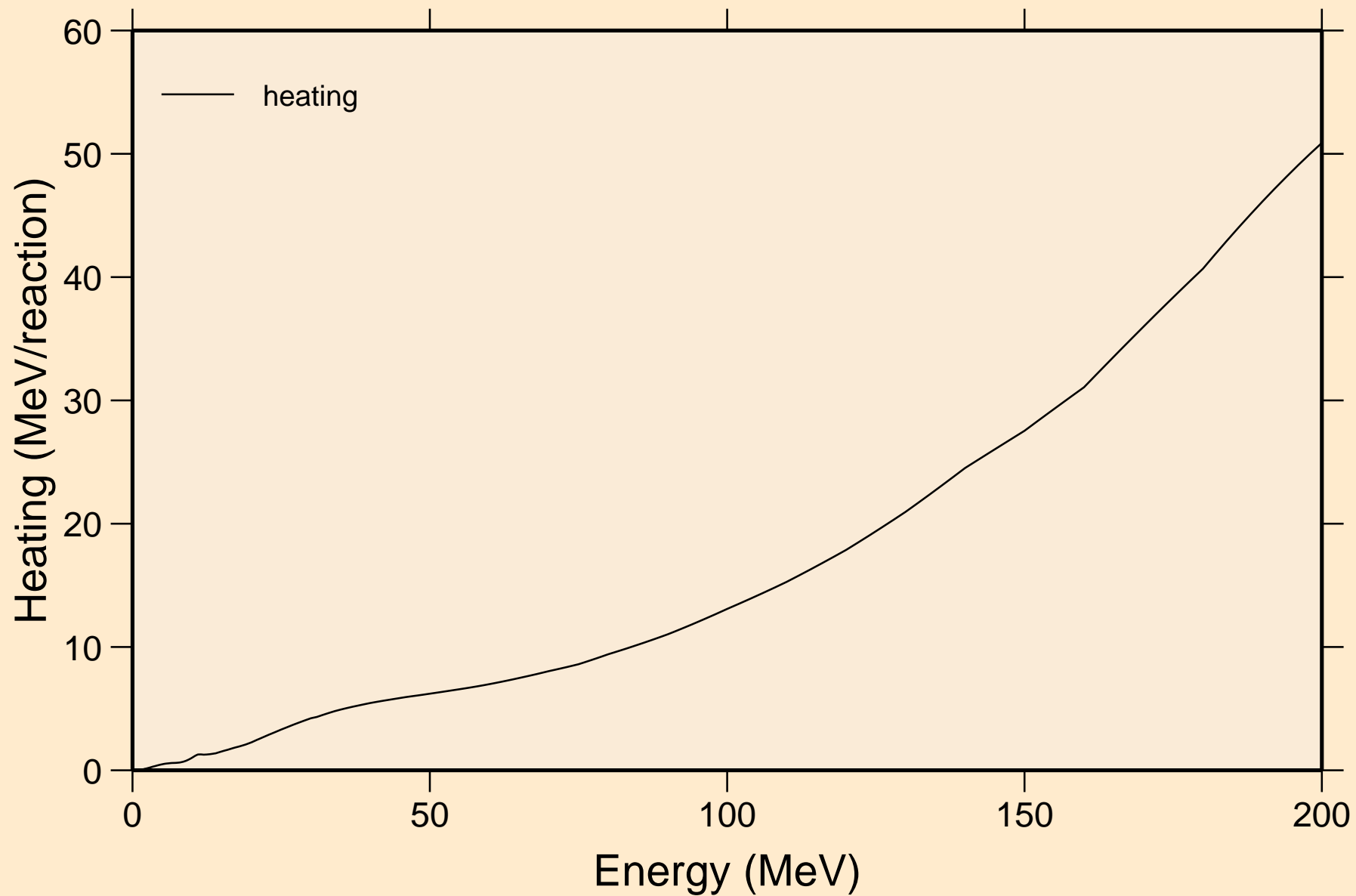
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



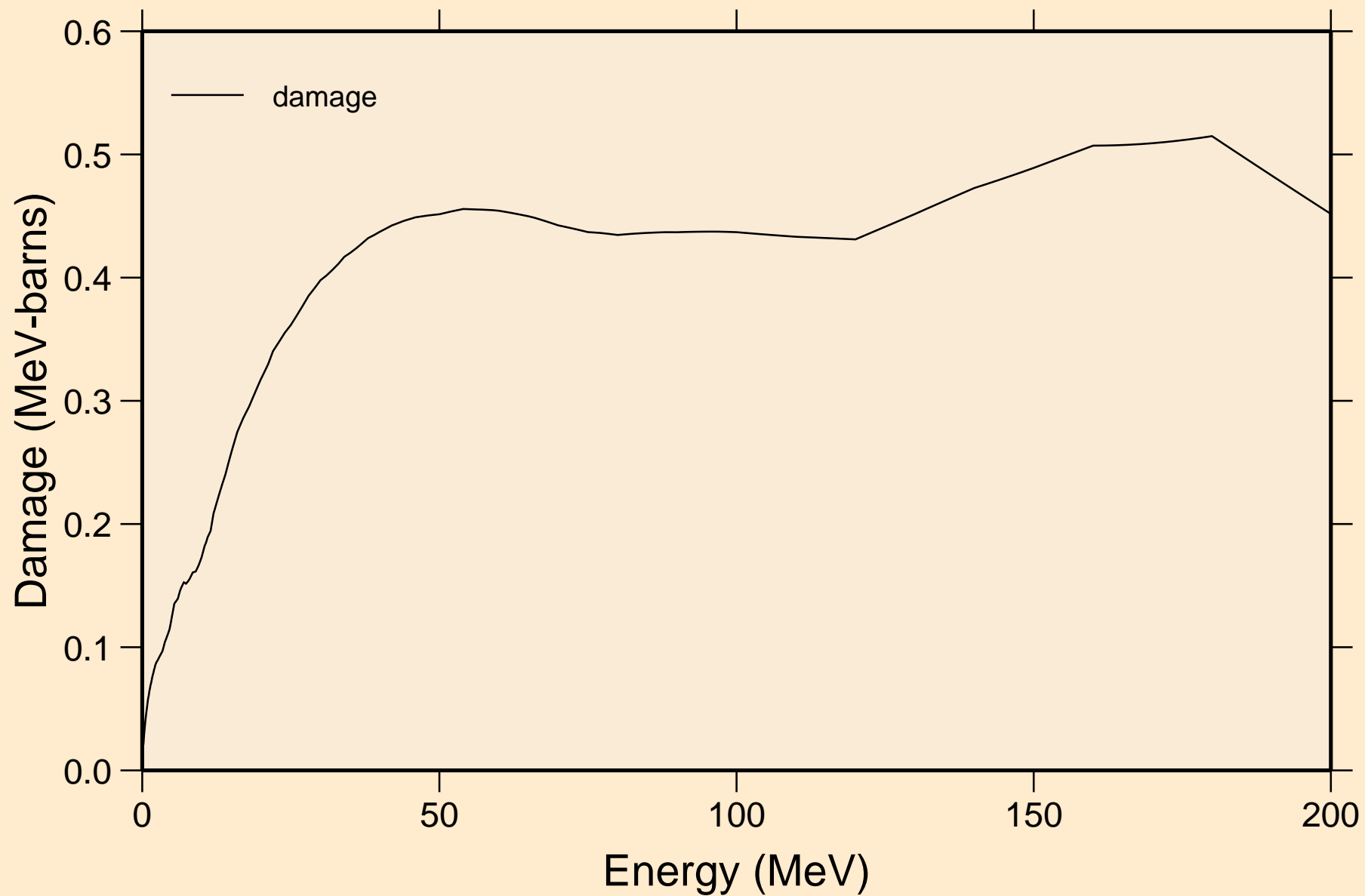
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



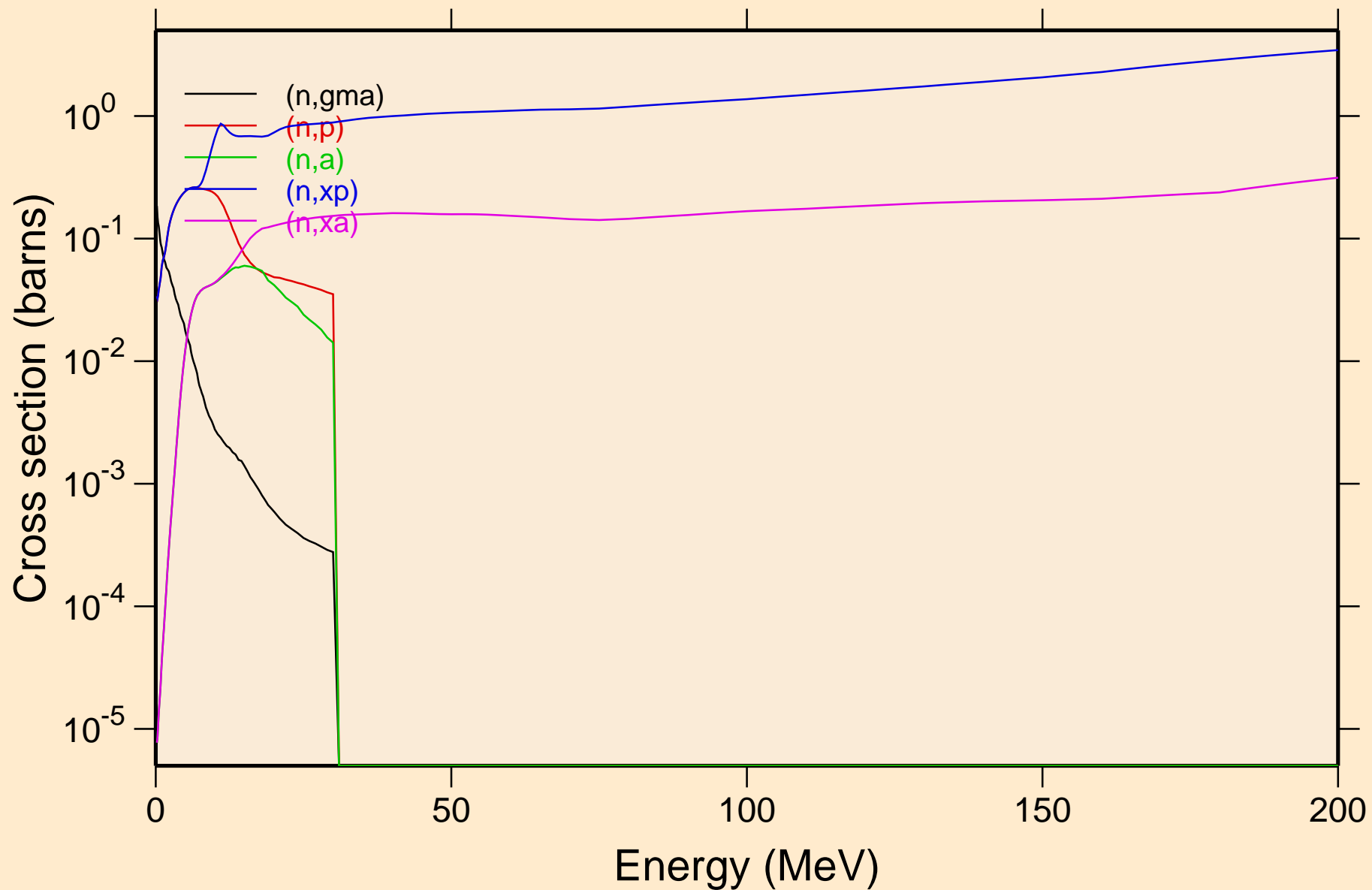
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

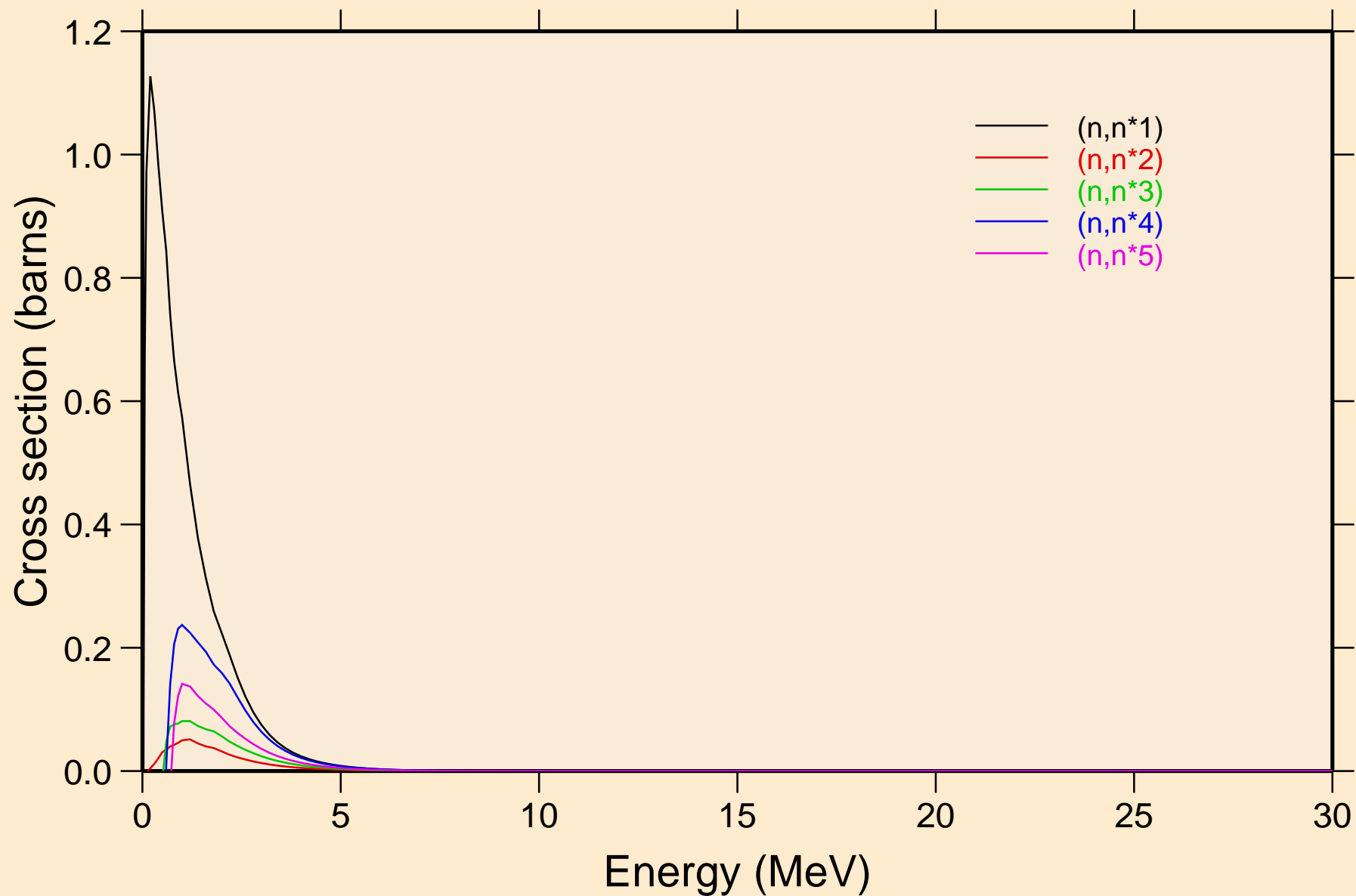


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

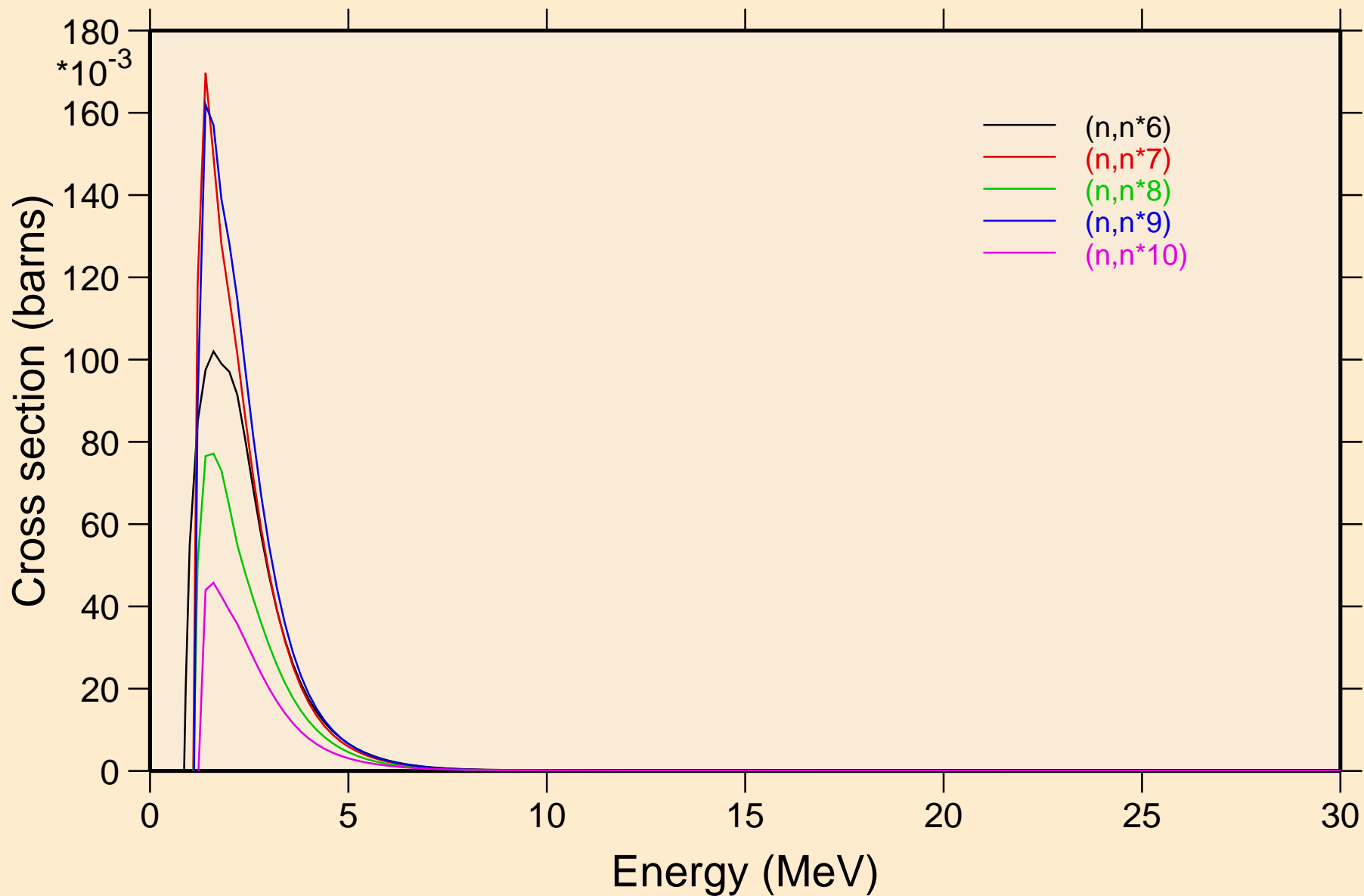




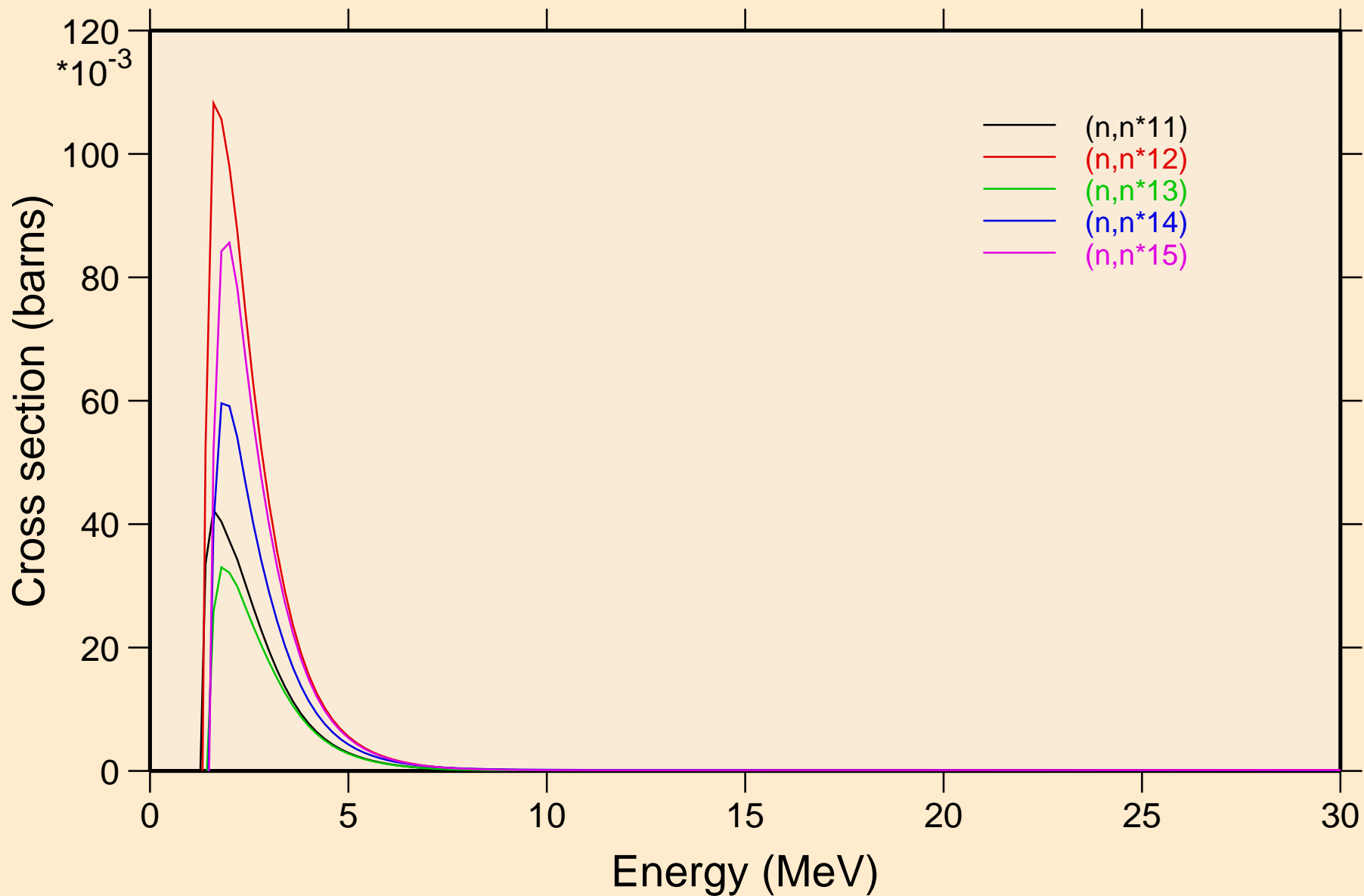
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



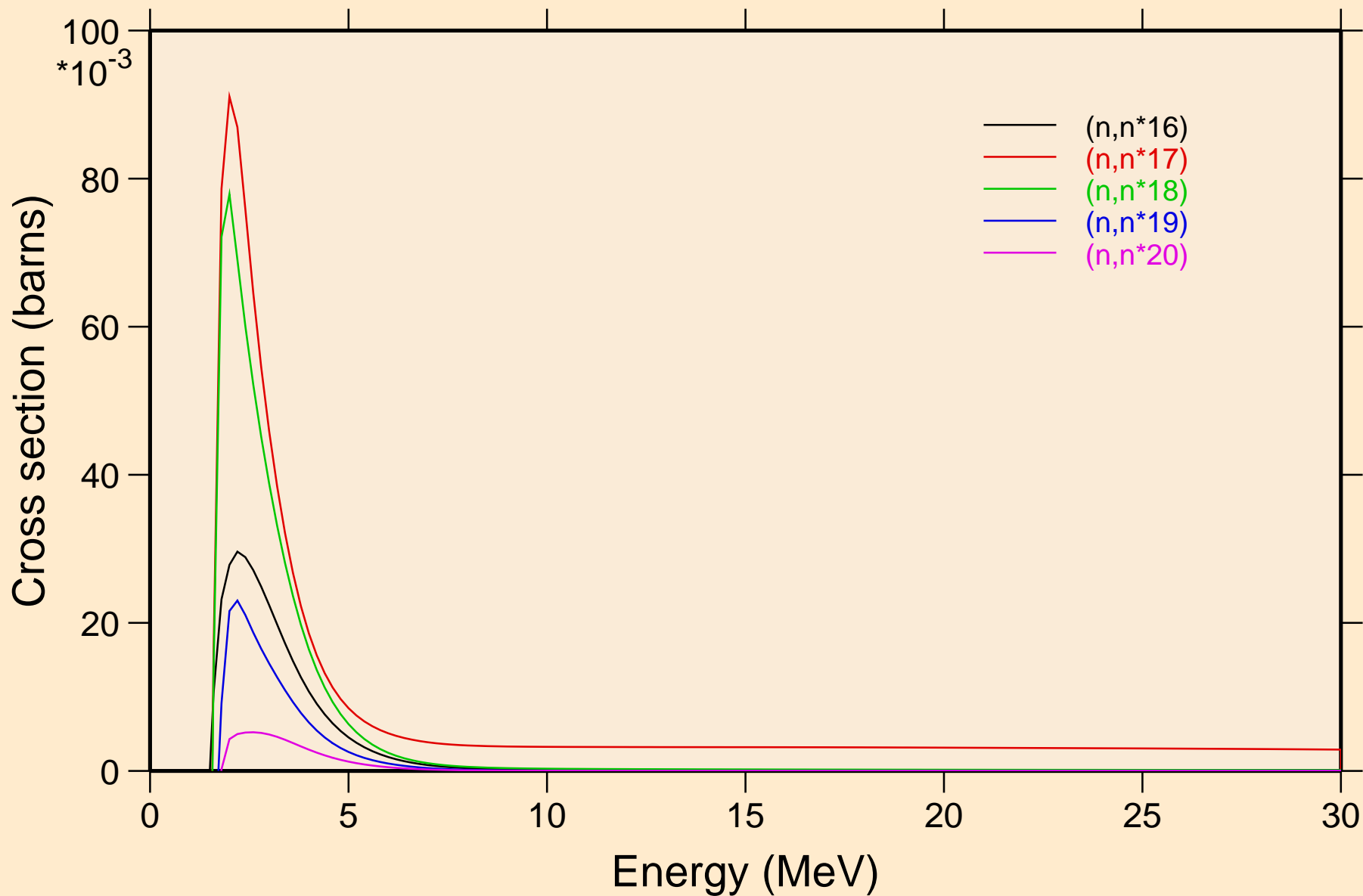
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



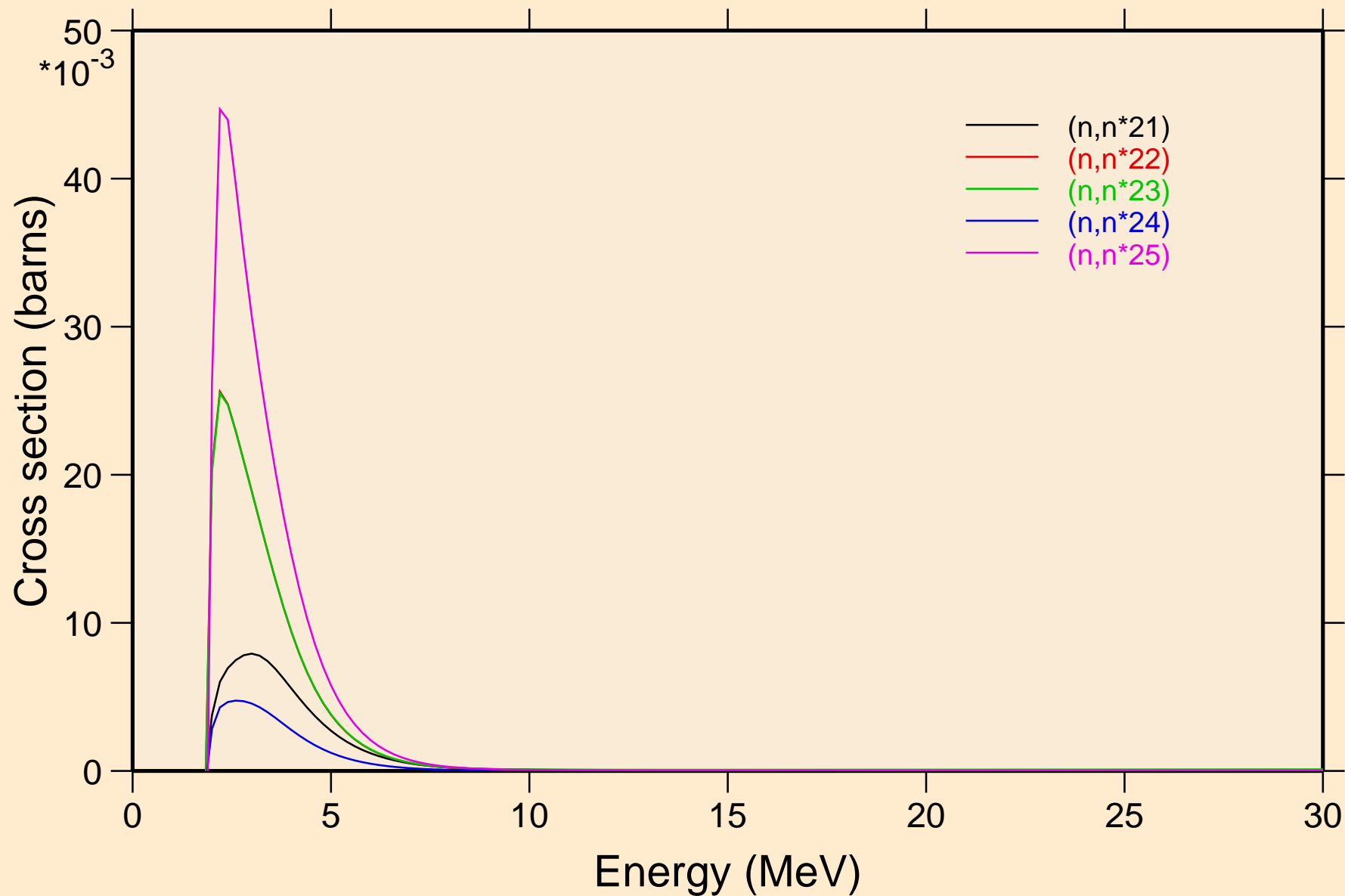
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



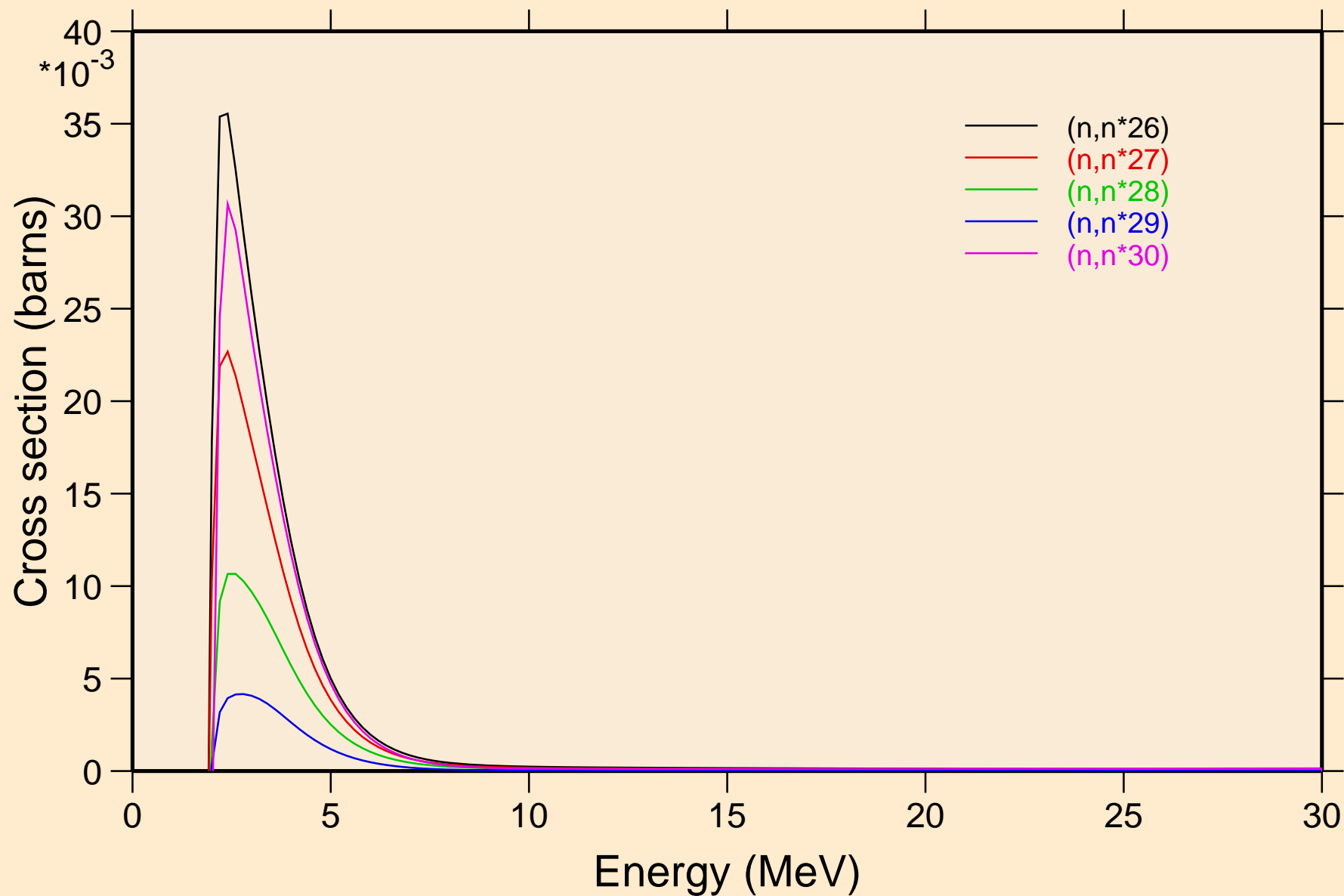
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



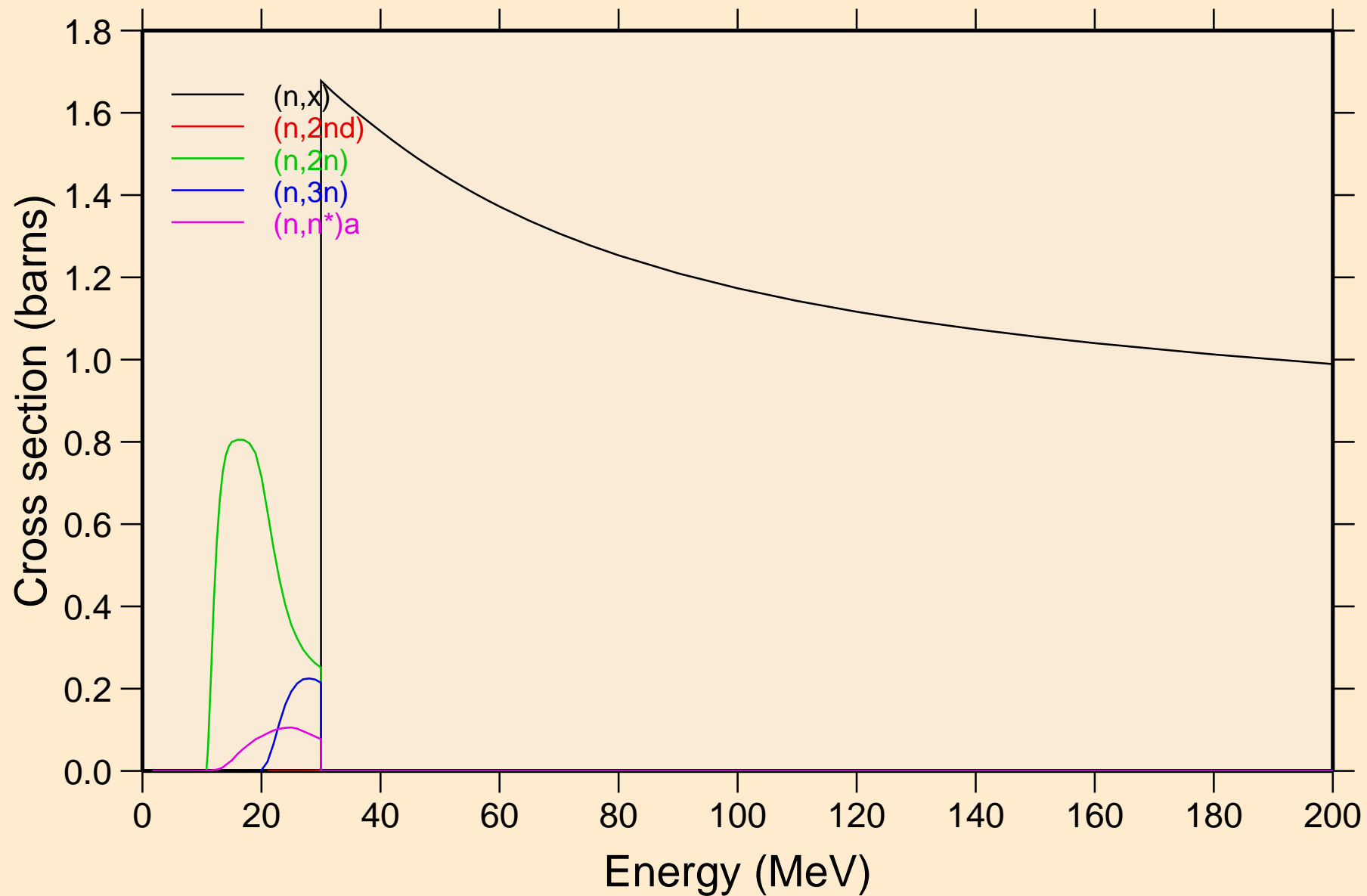
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



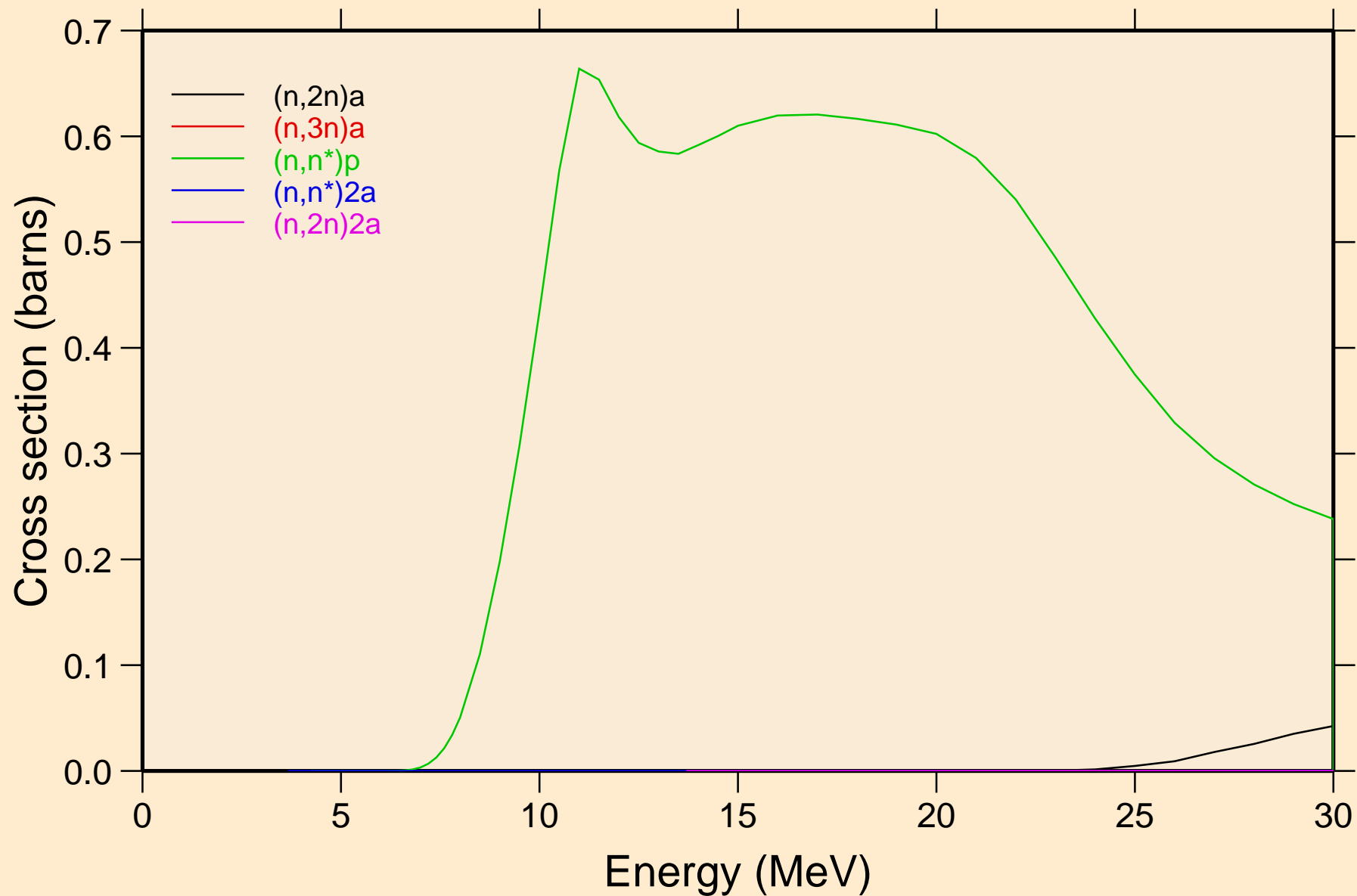
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

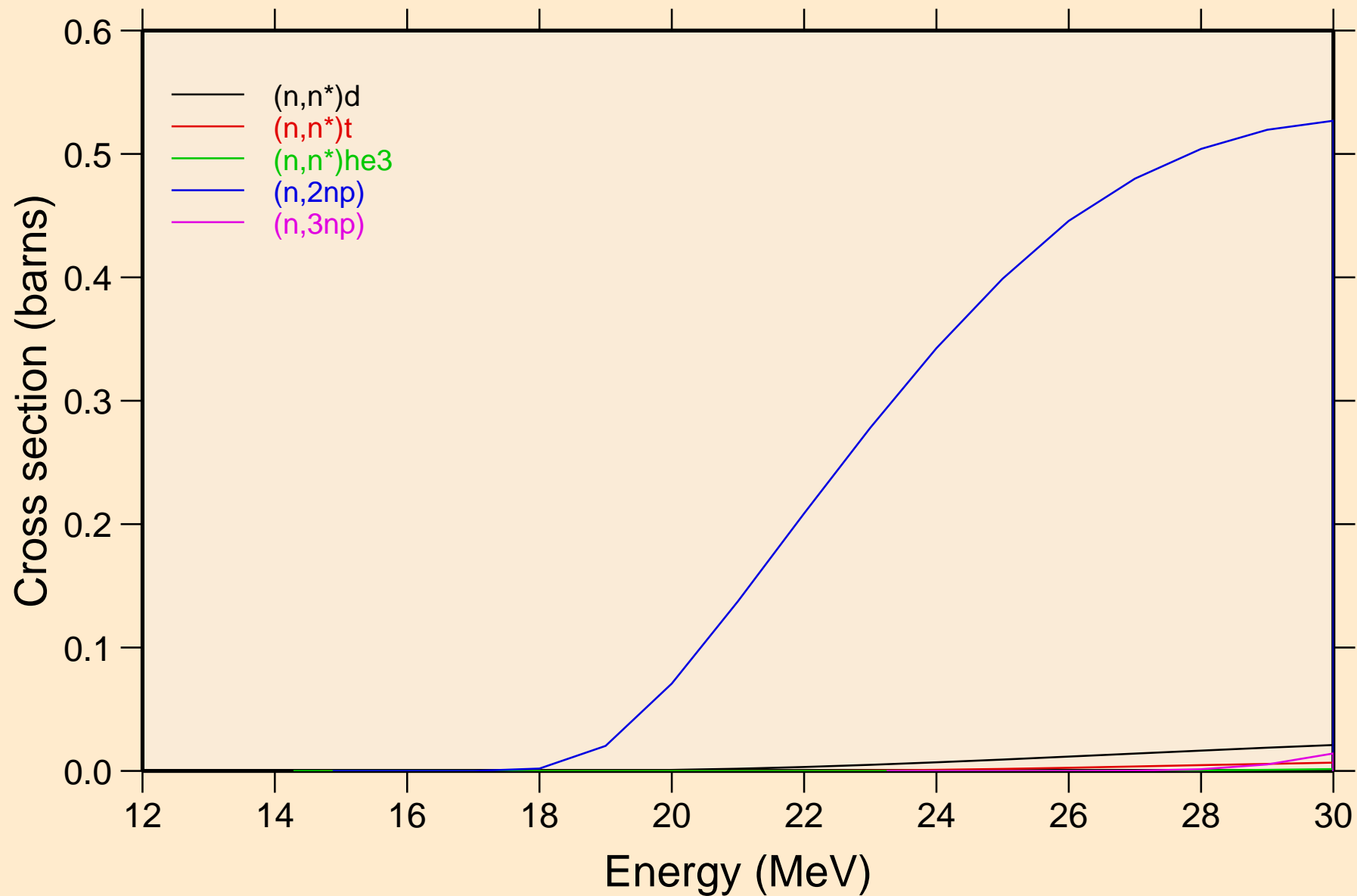


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

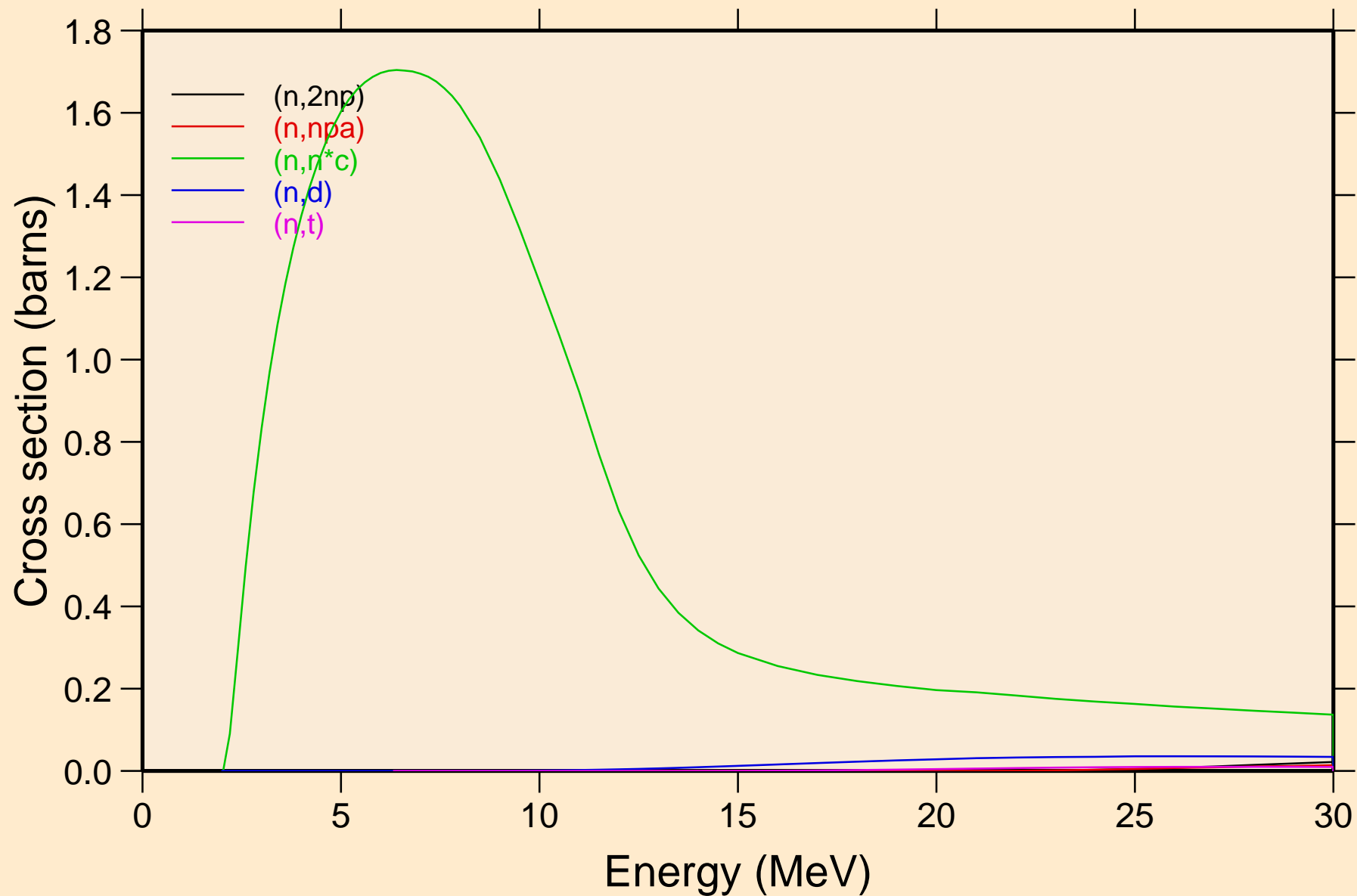




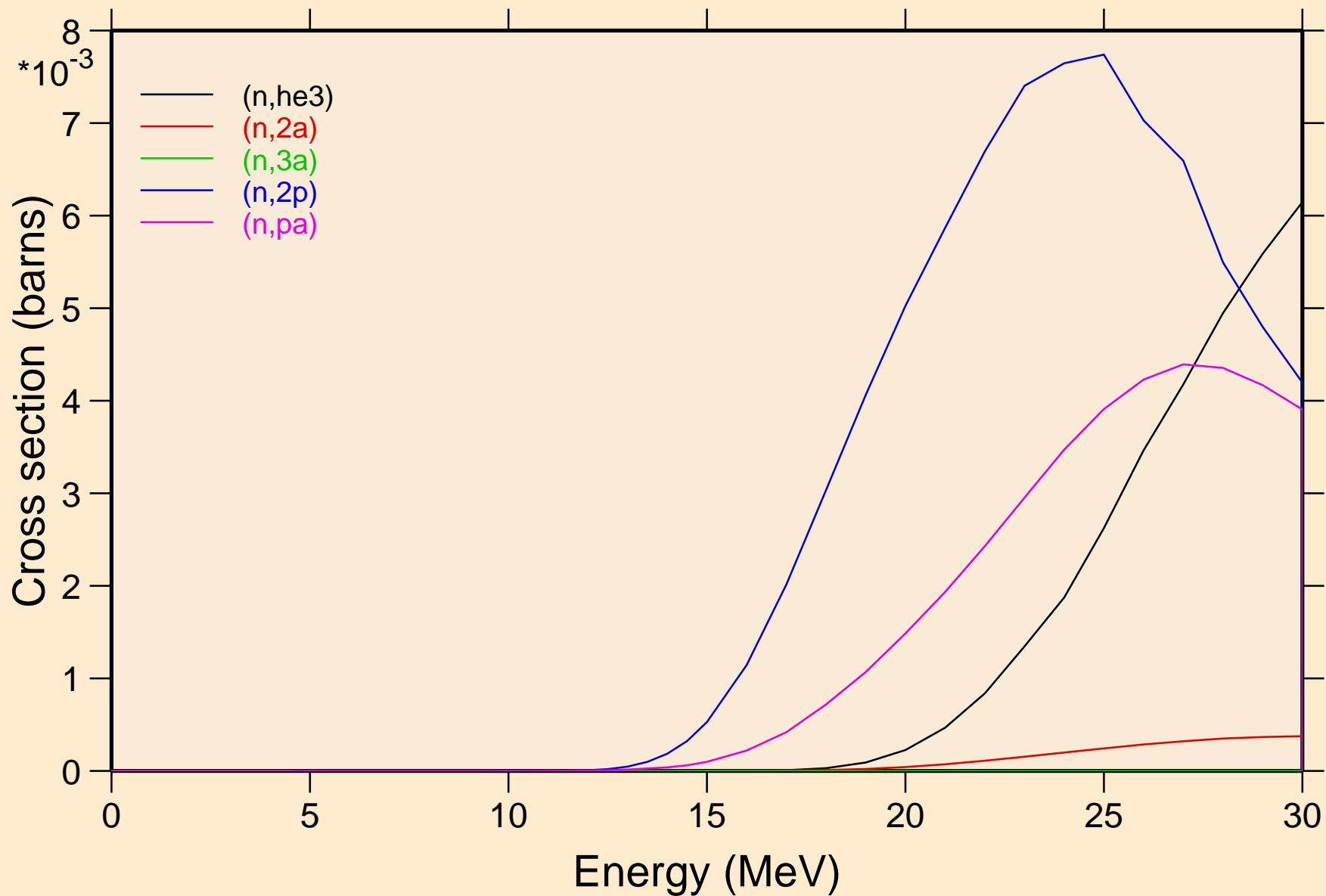
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



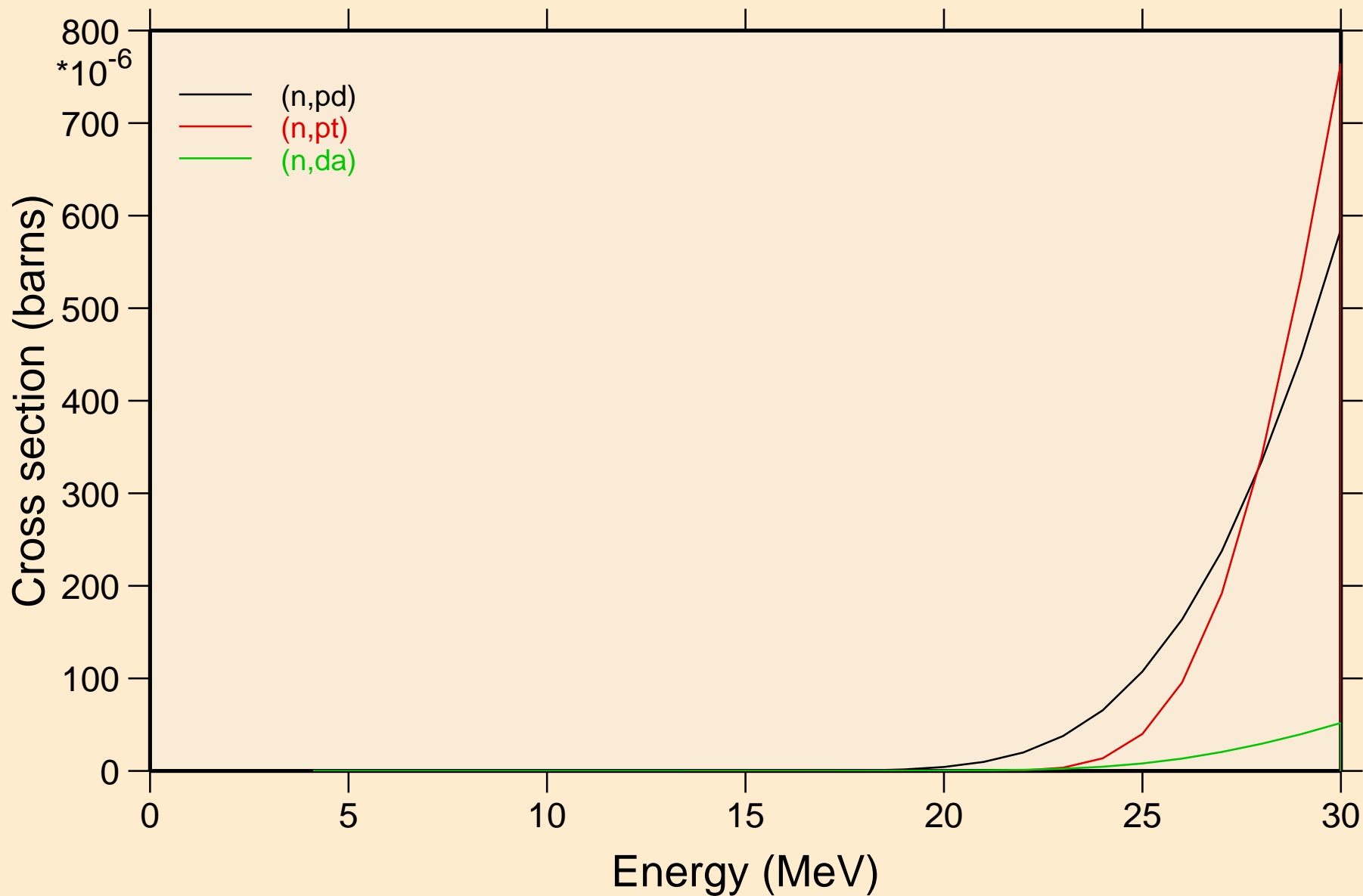
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



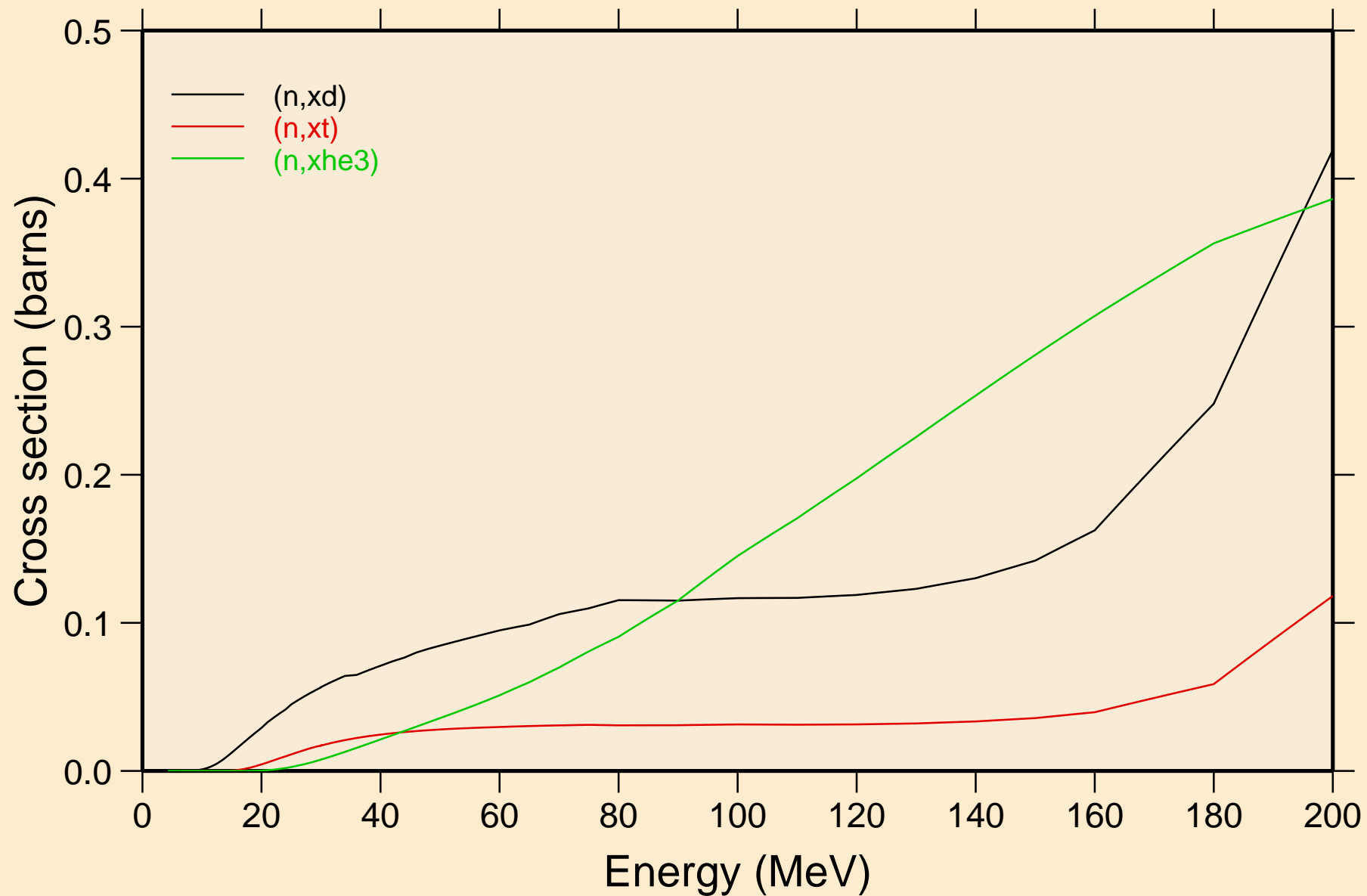
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



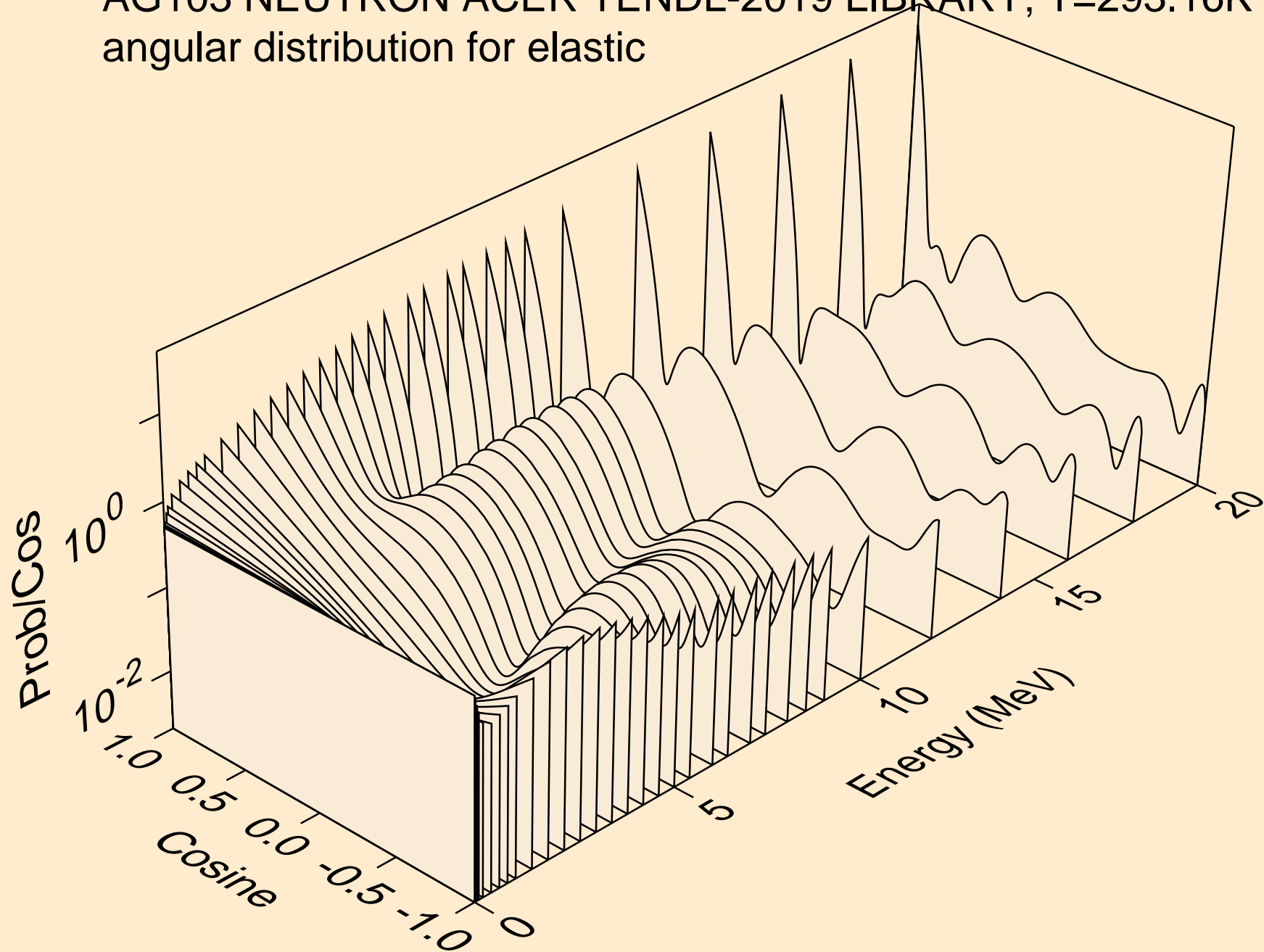
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



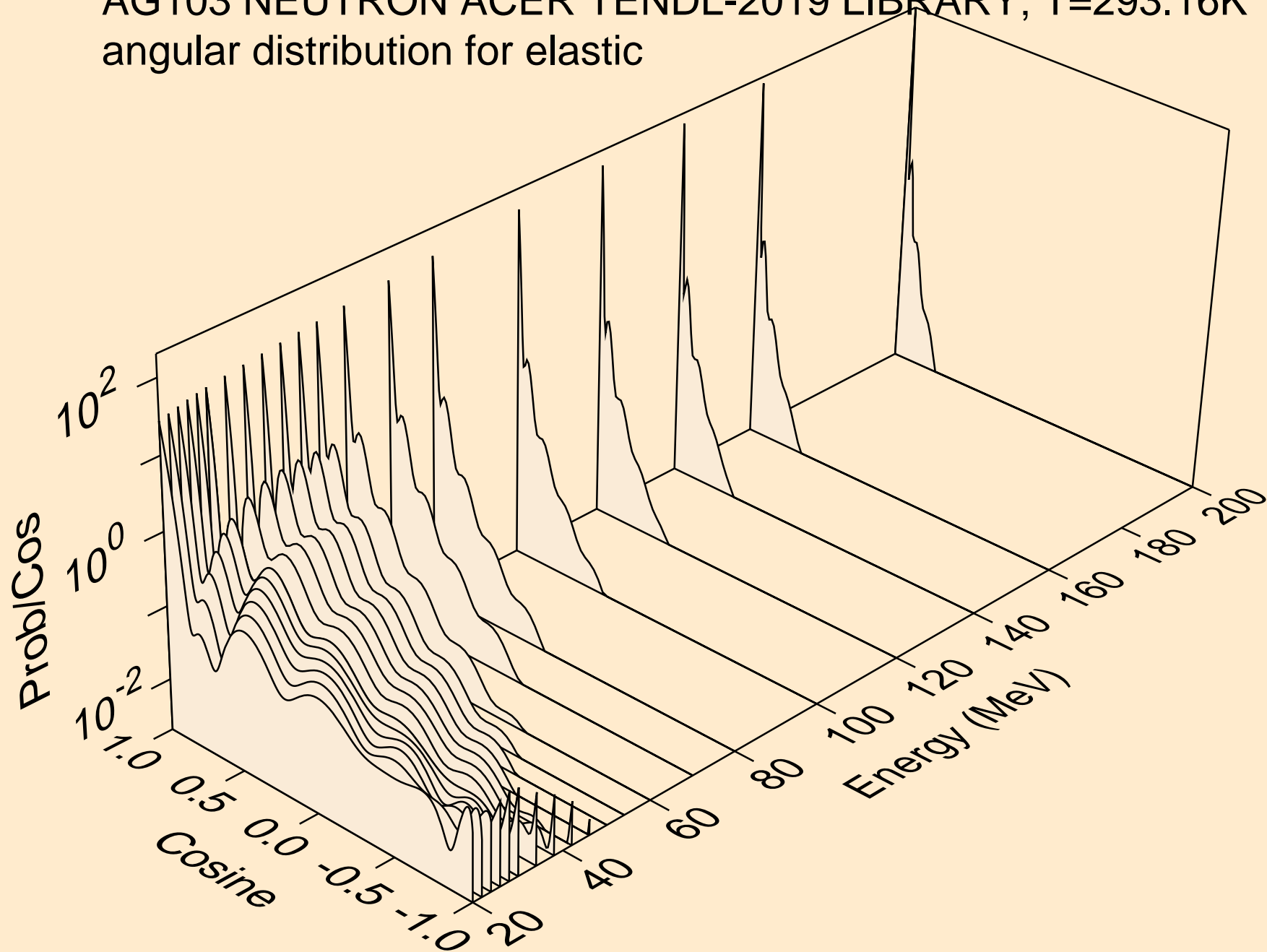
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



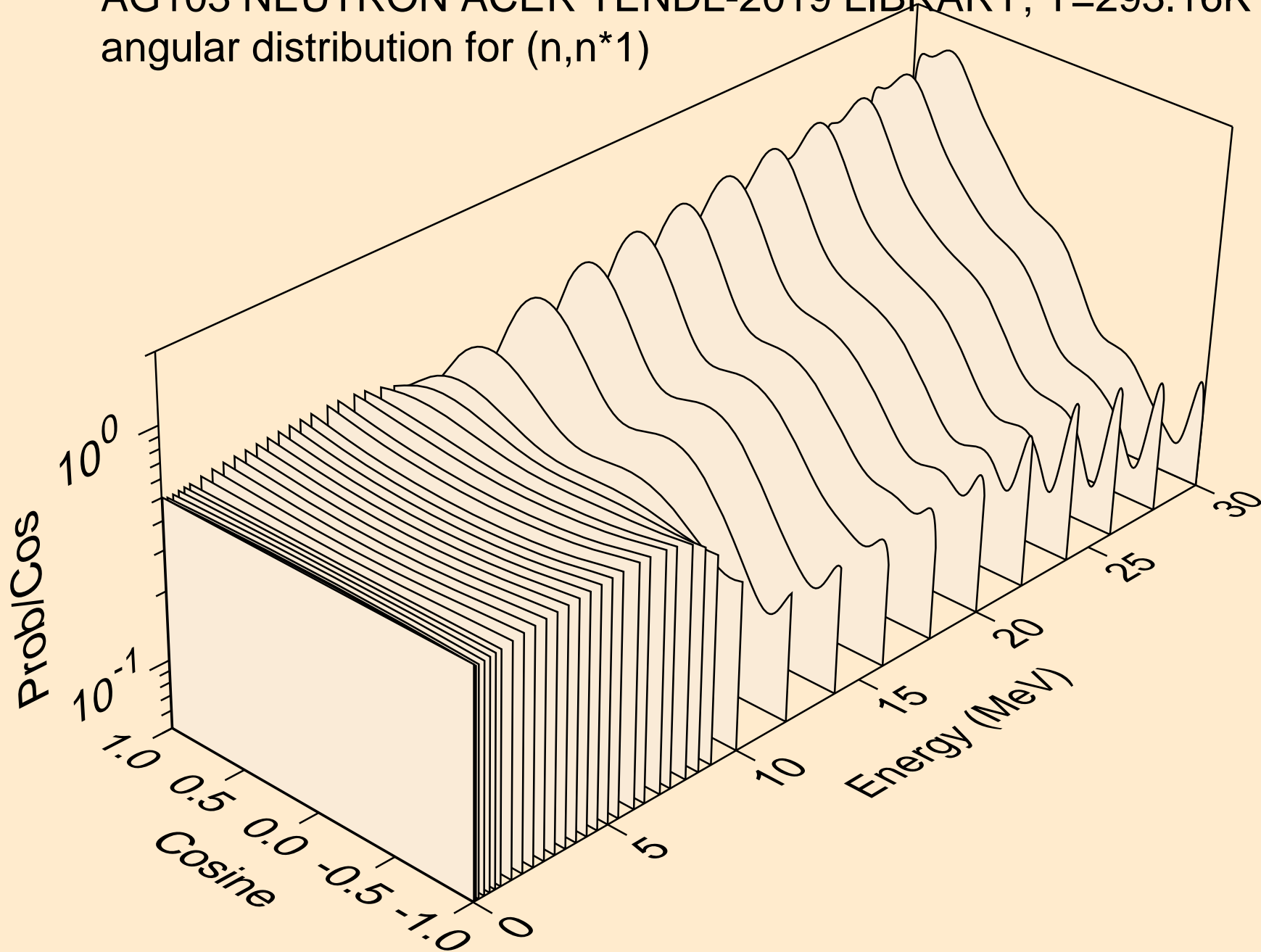
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic

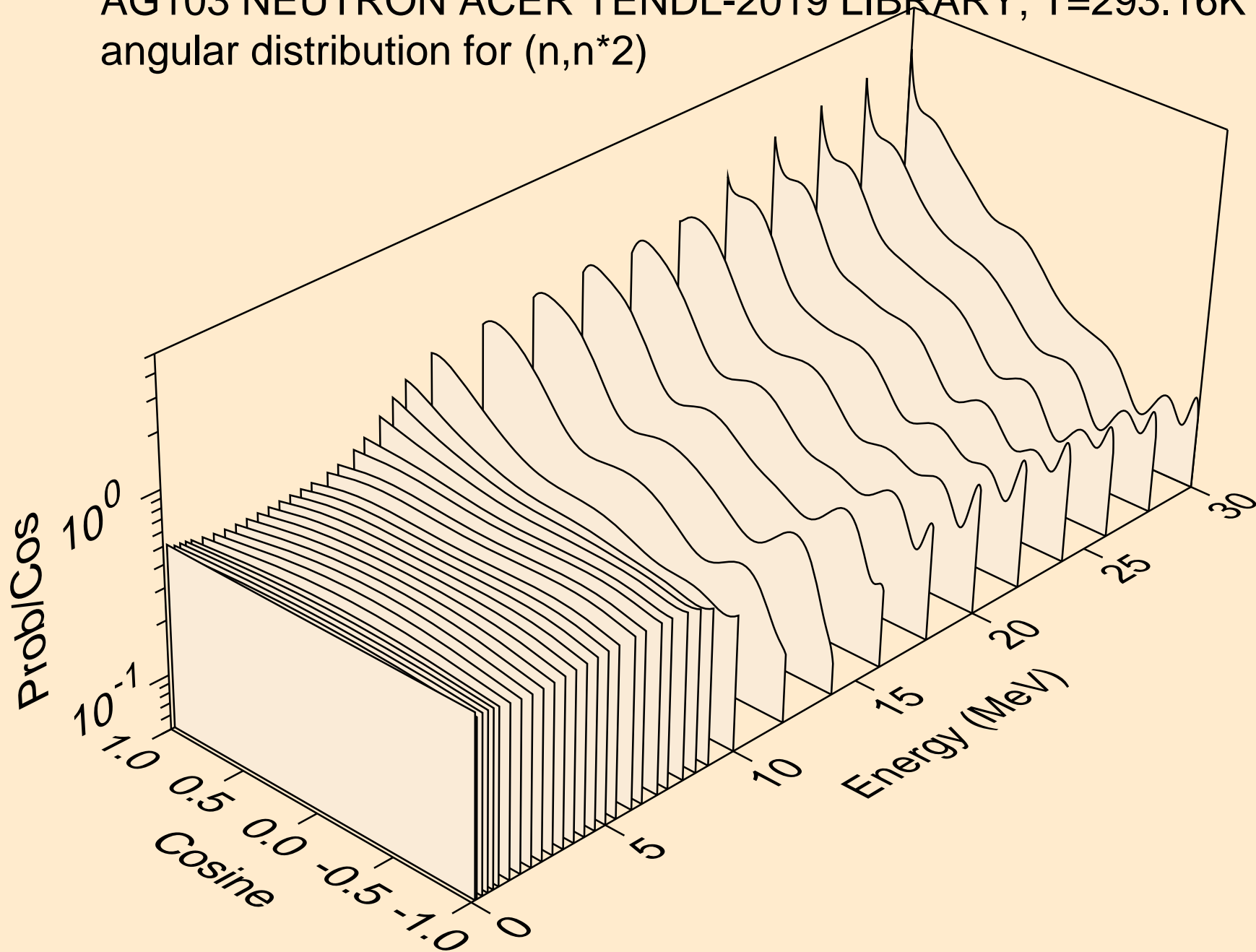


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

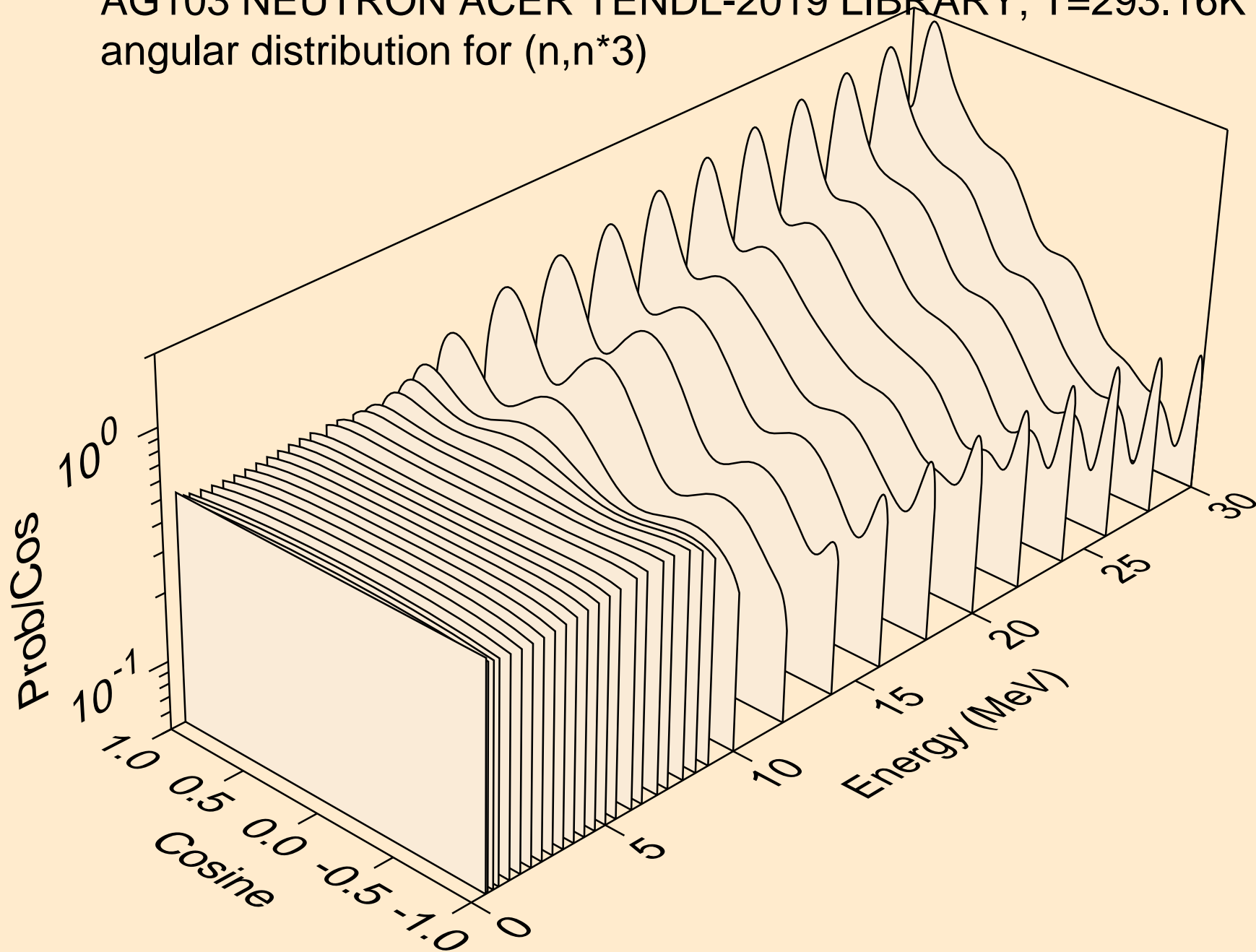




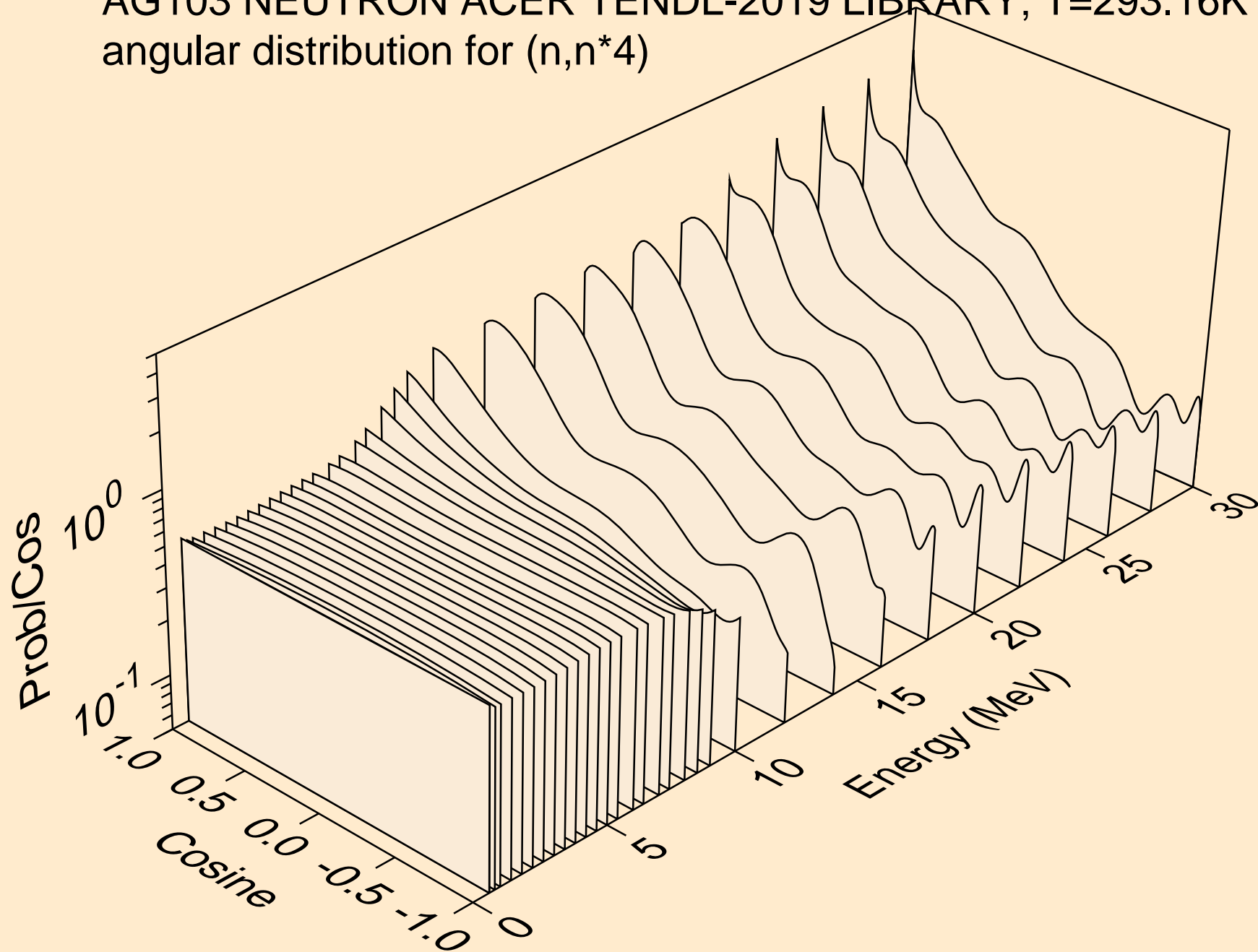
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



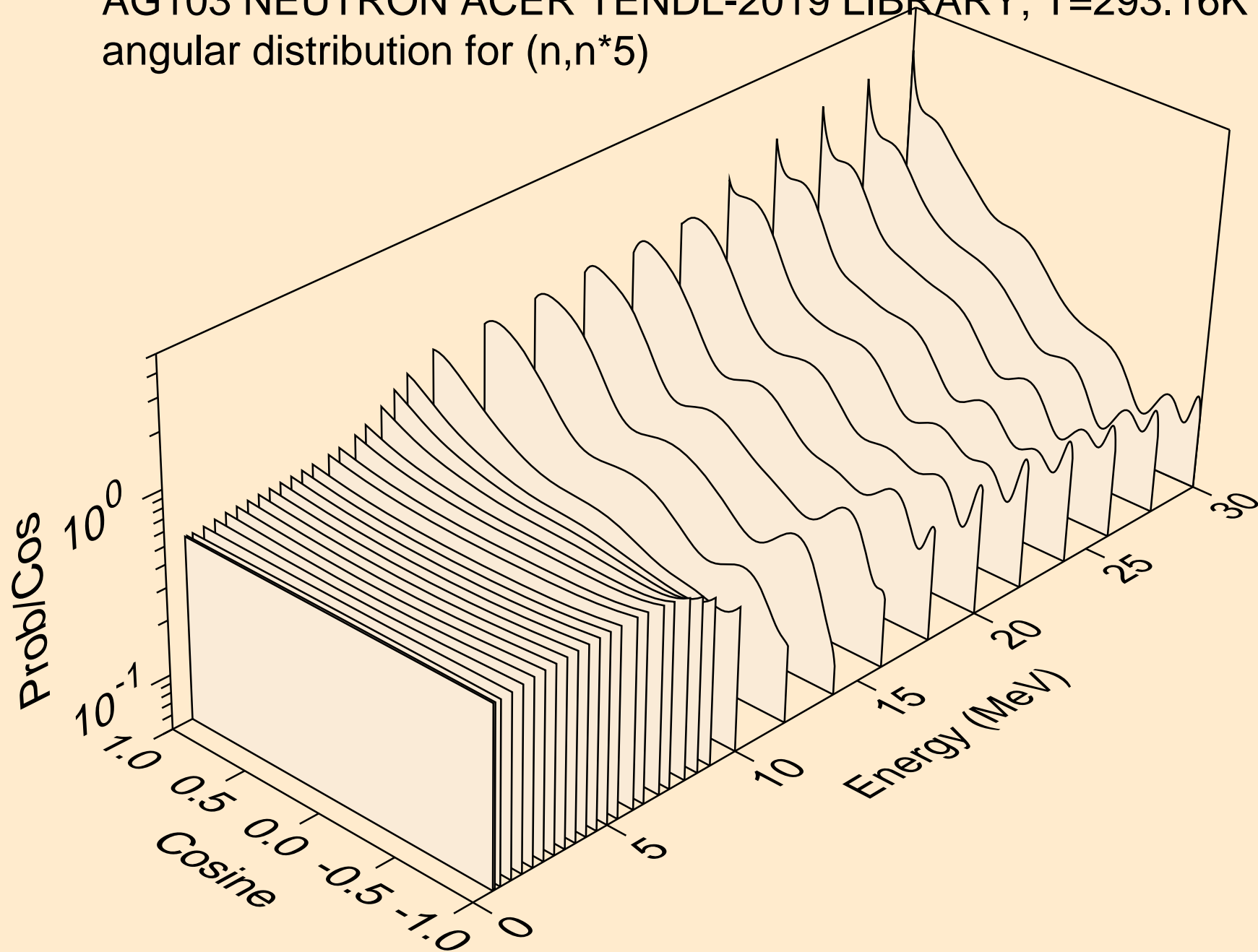
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)



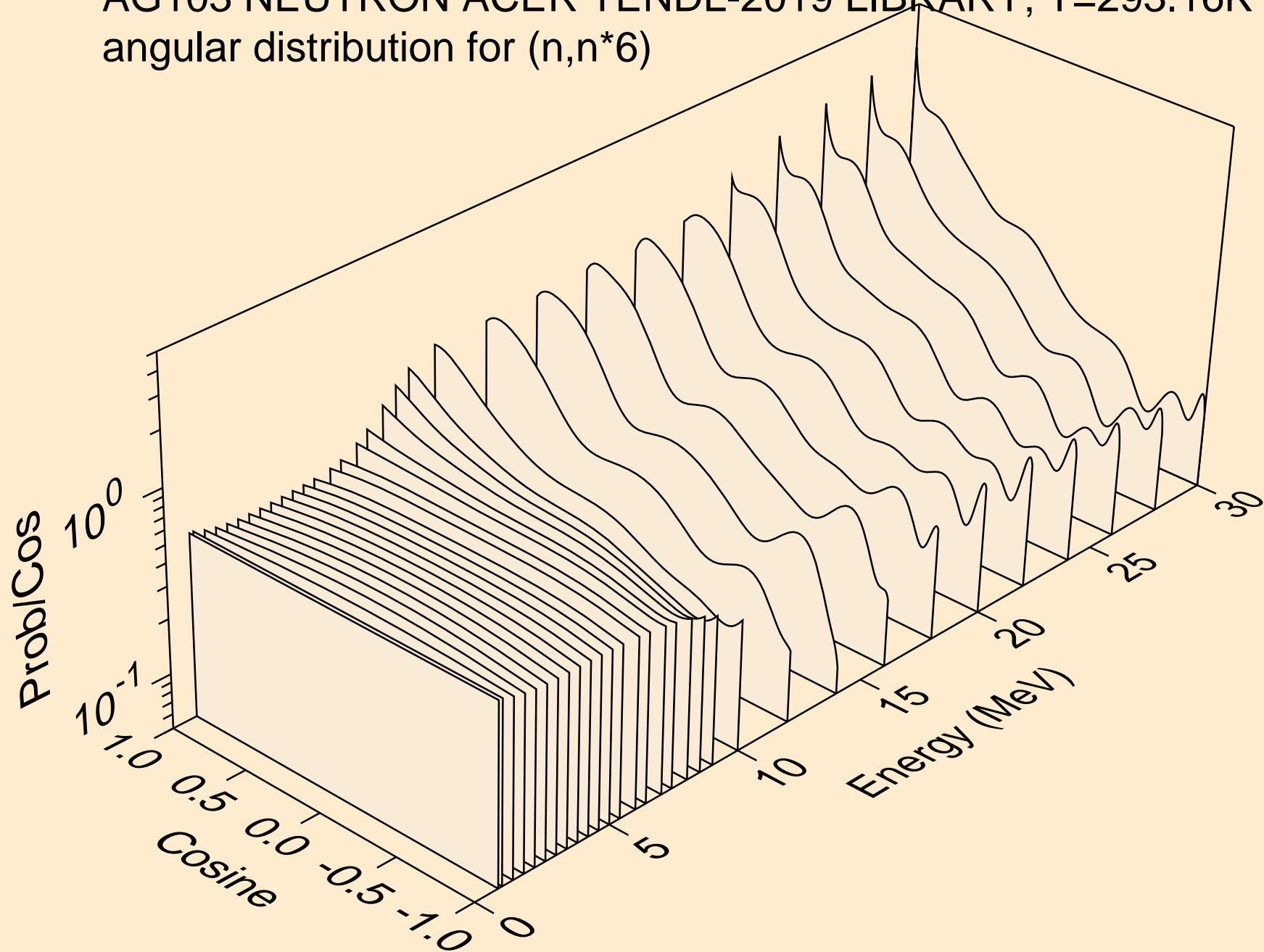
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



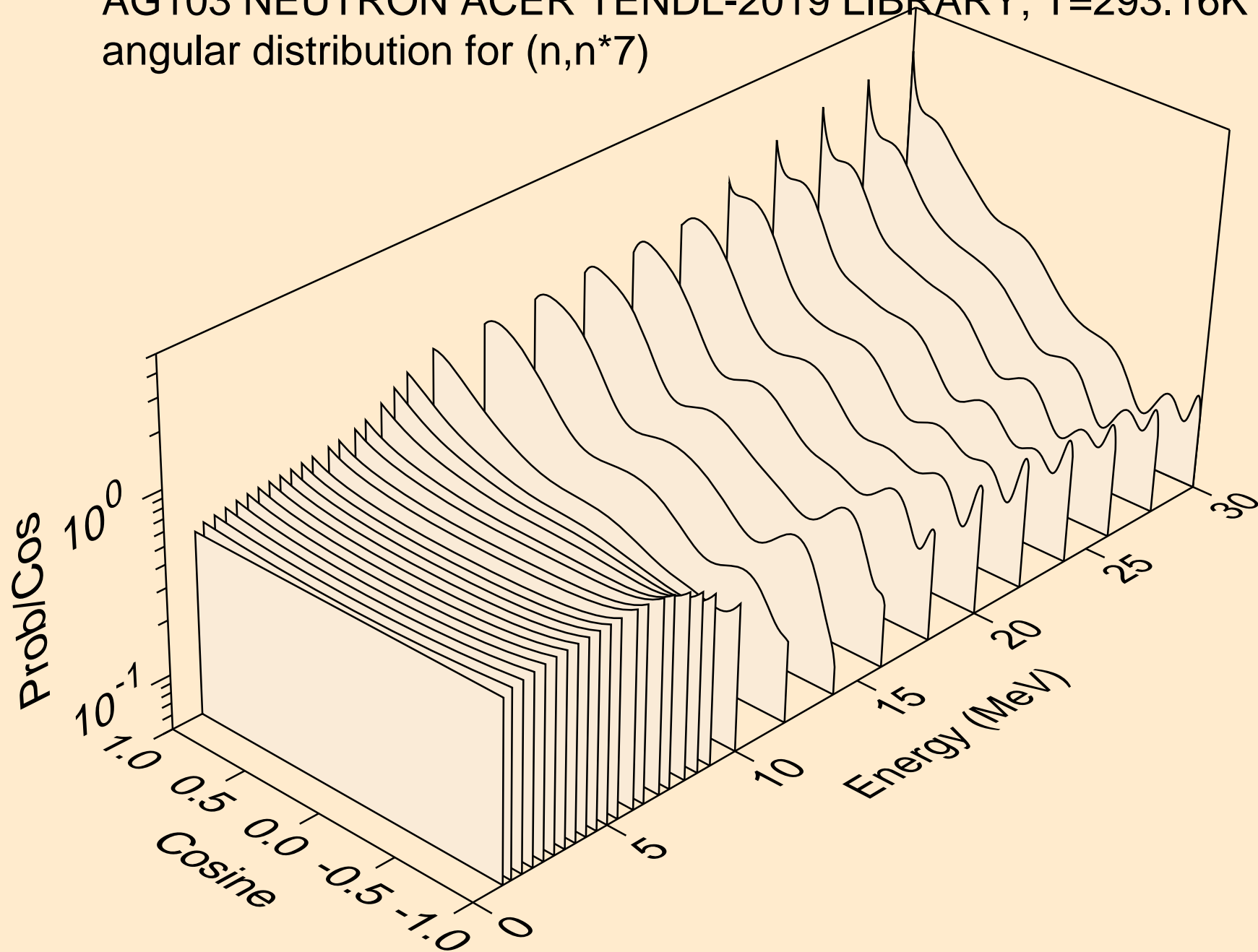
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angular distribution for (n,n\*5)



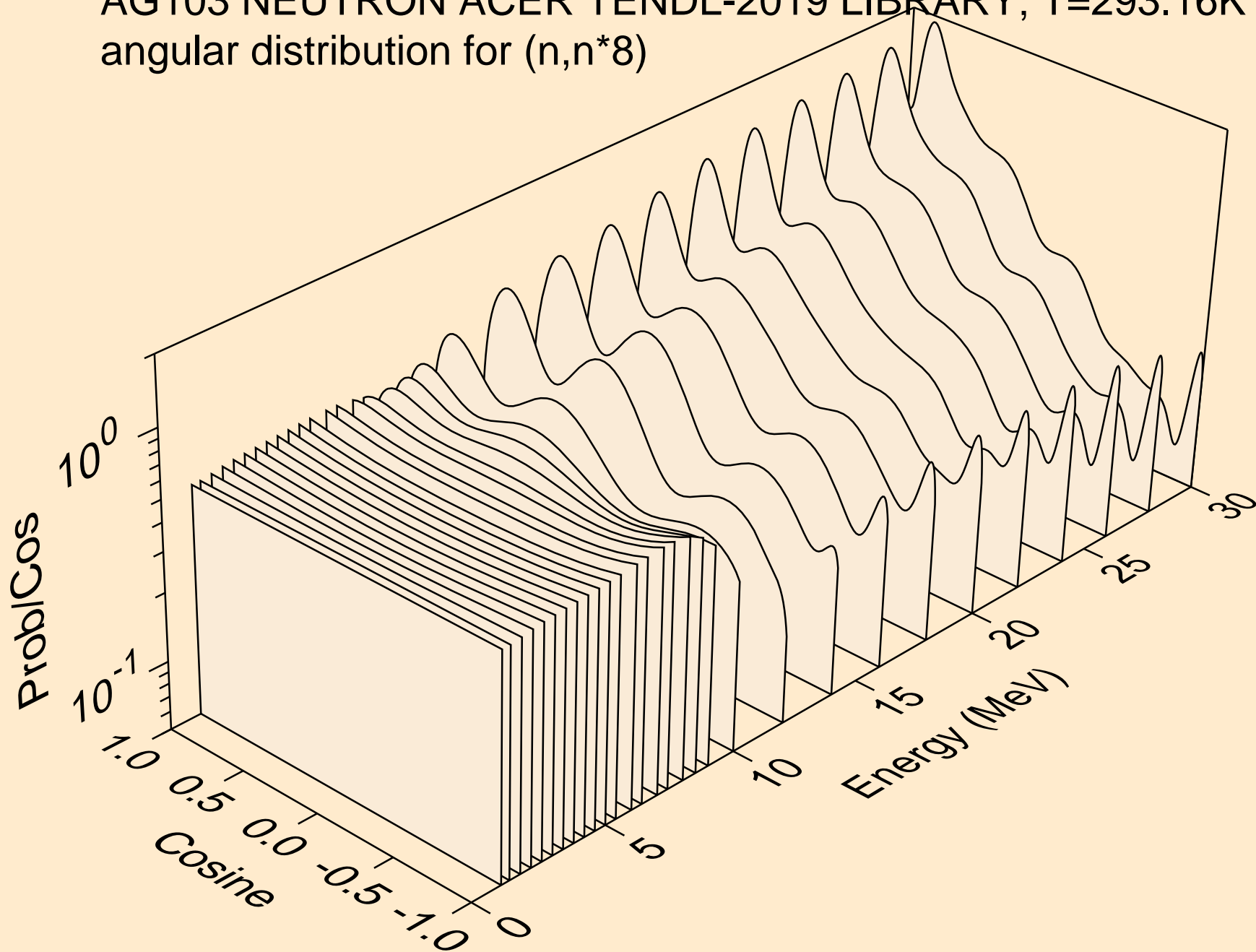
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



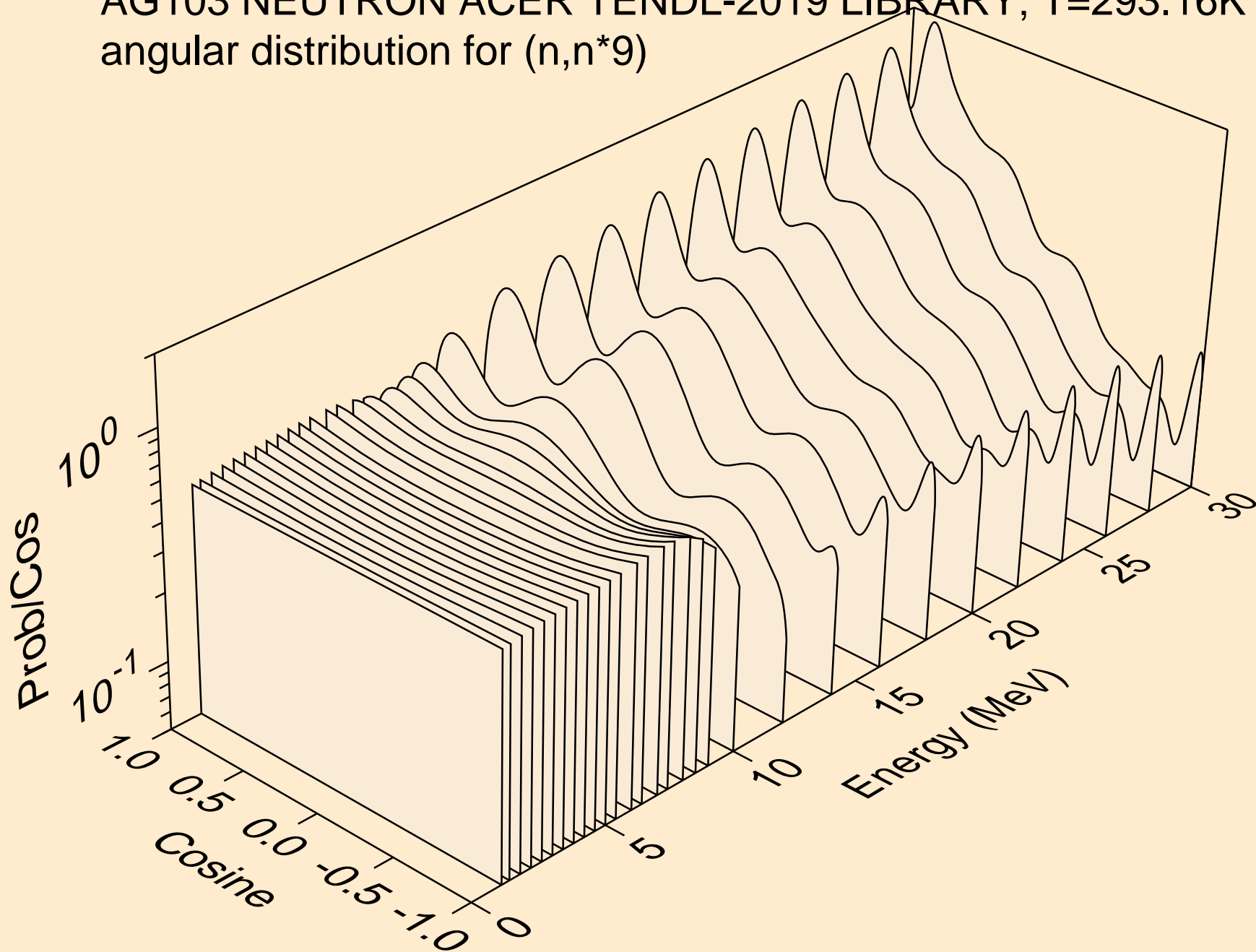
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*7)



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)

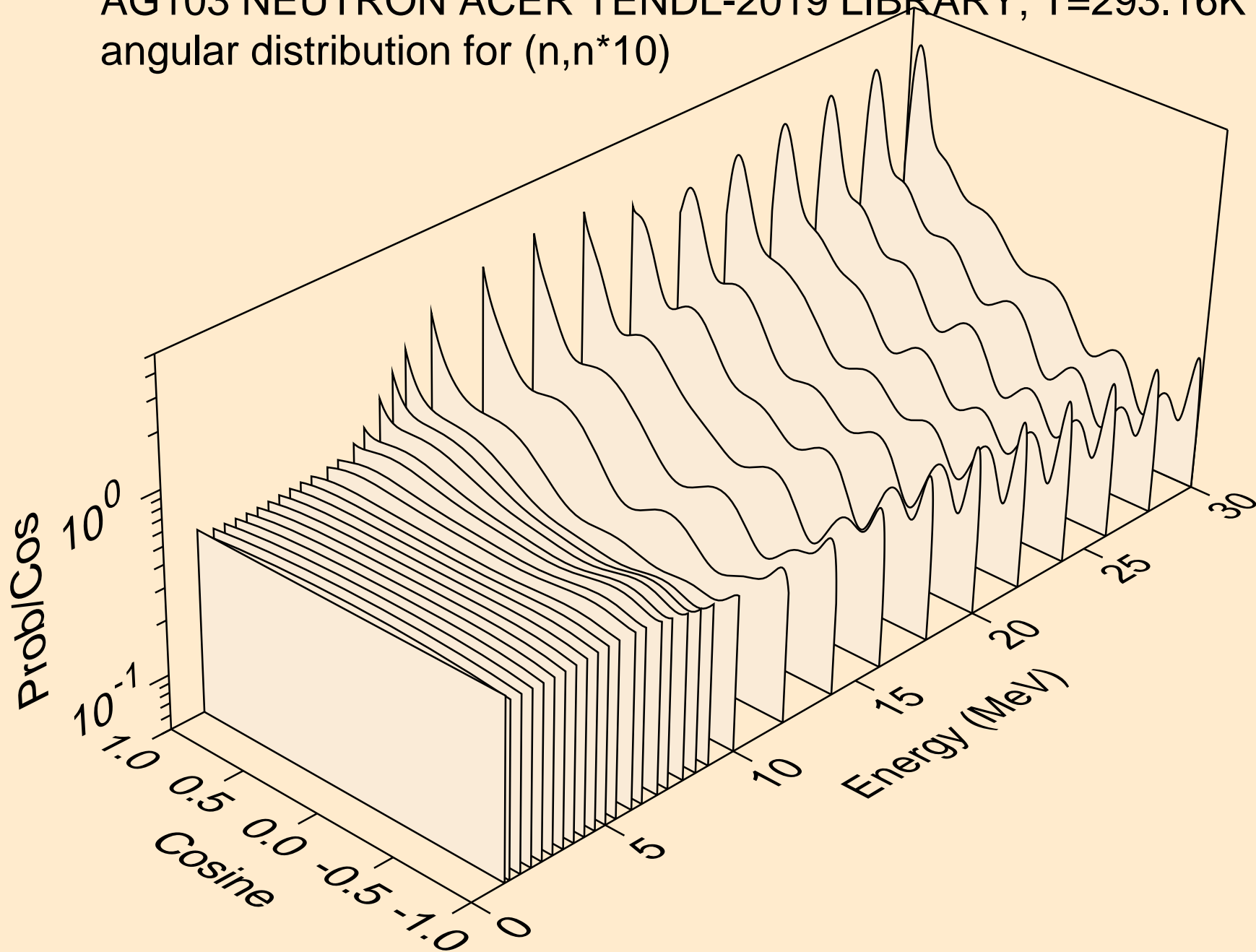


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)

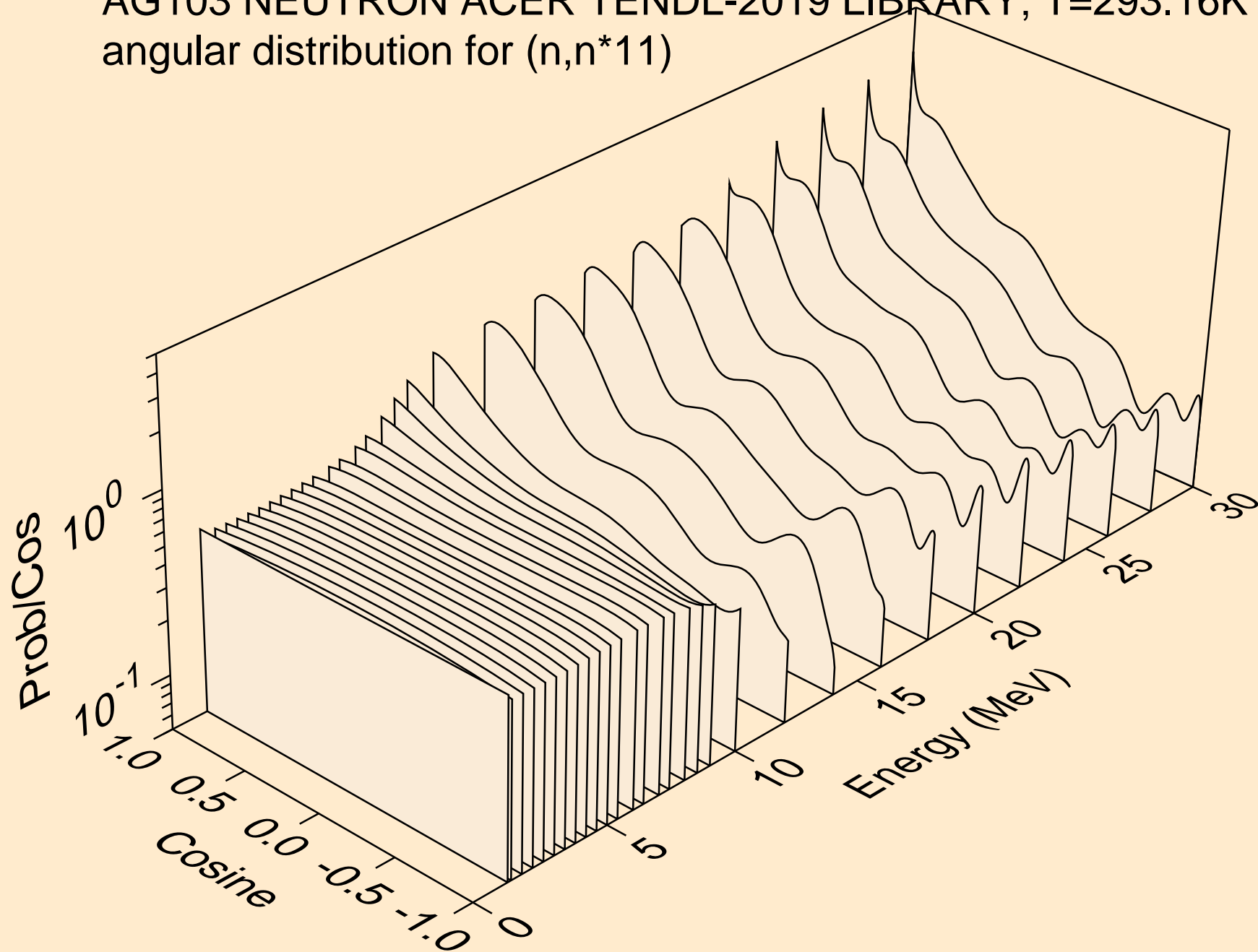




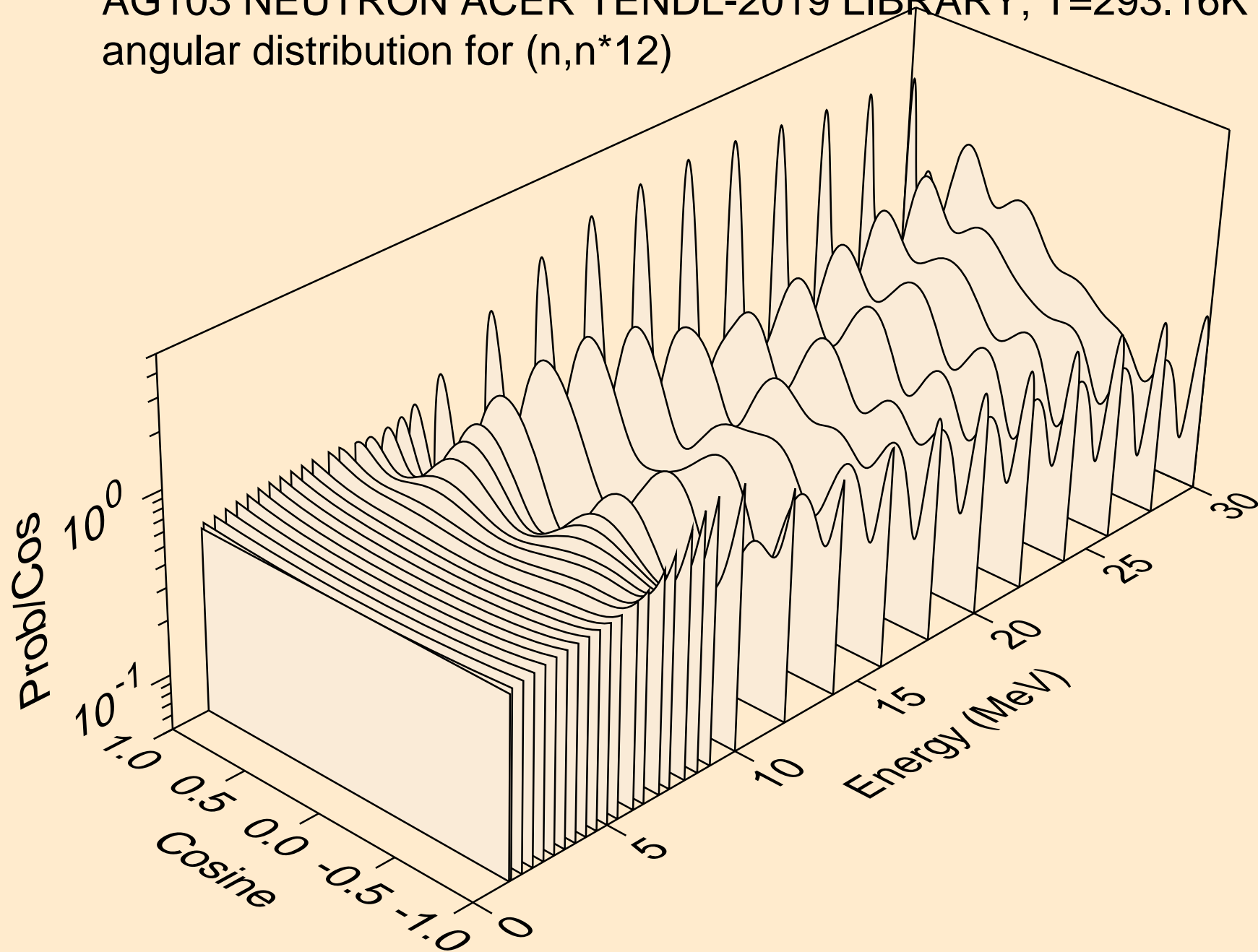
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angular distribution for (n,n\*10)



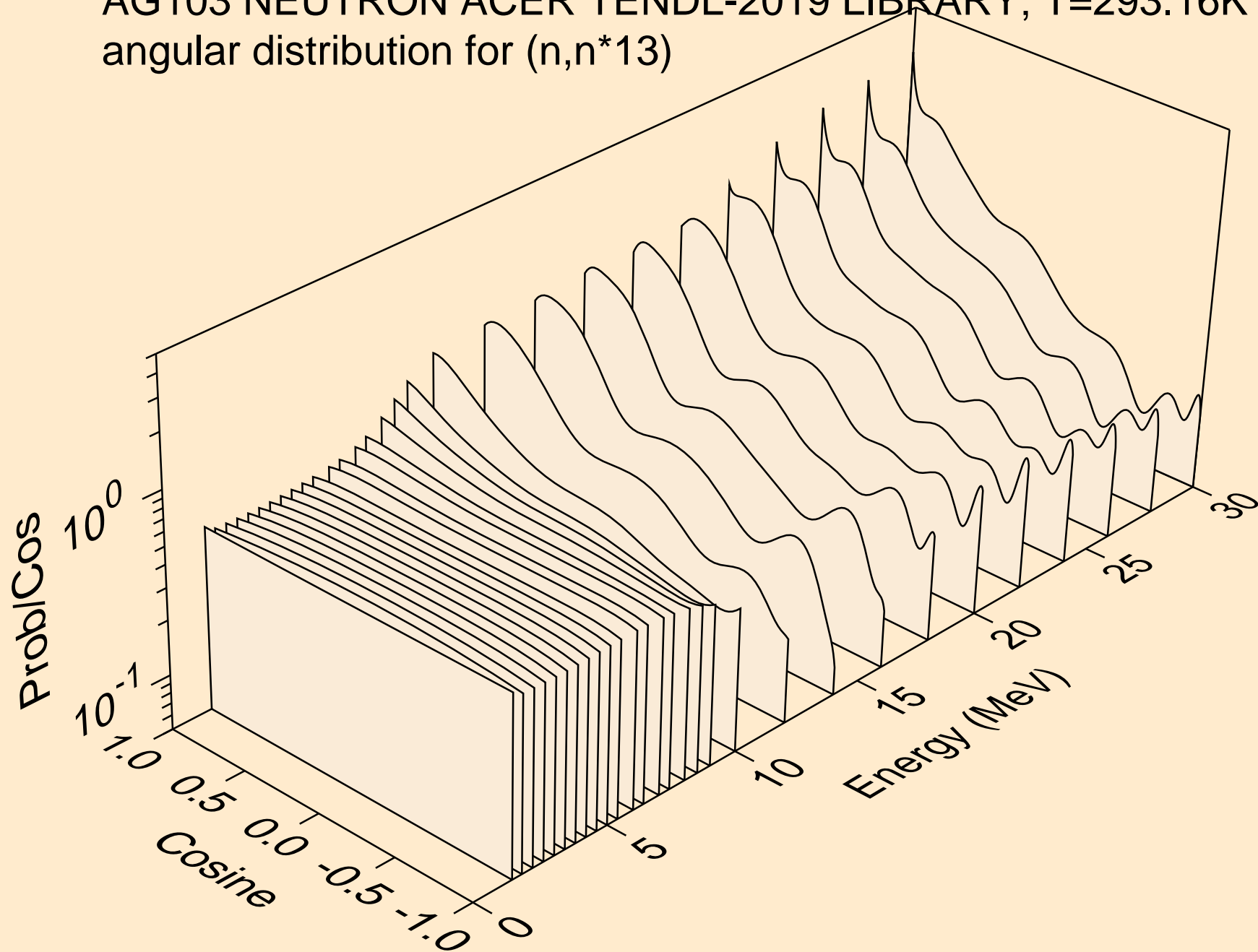
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)



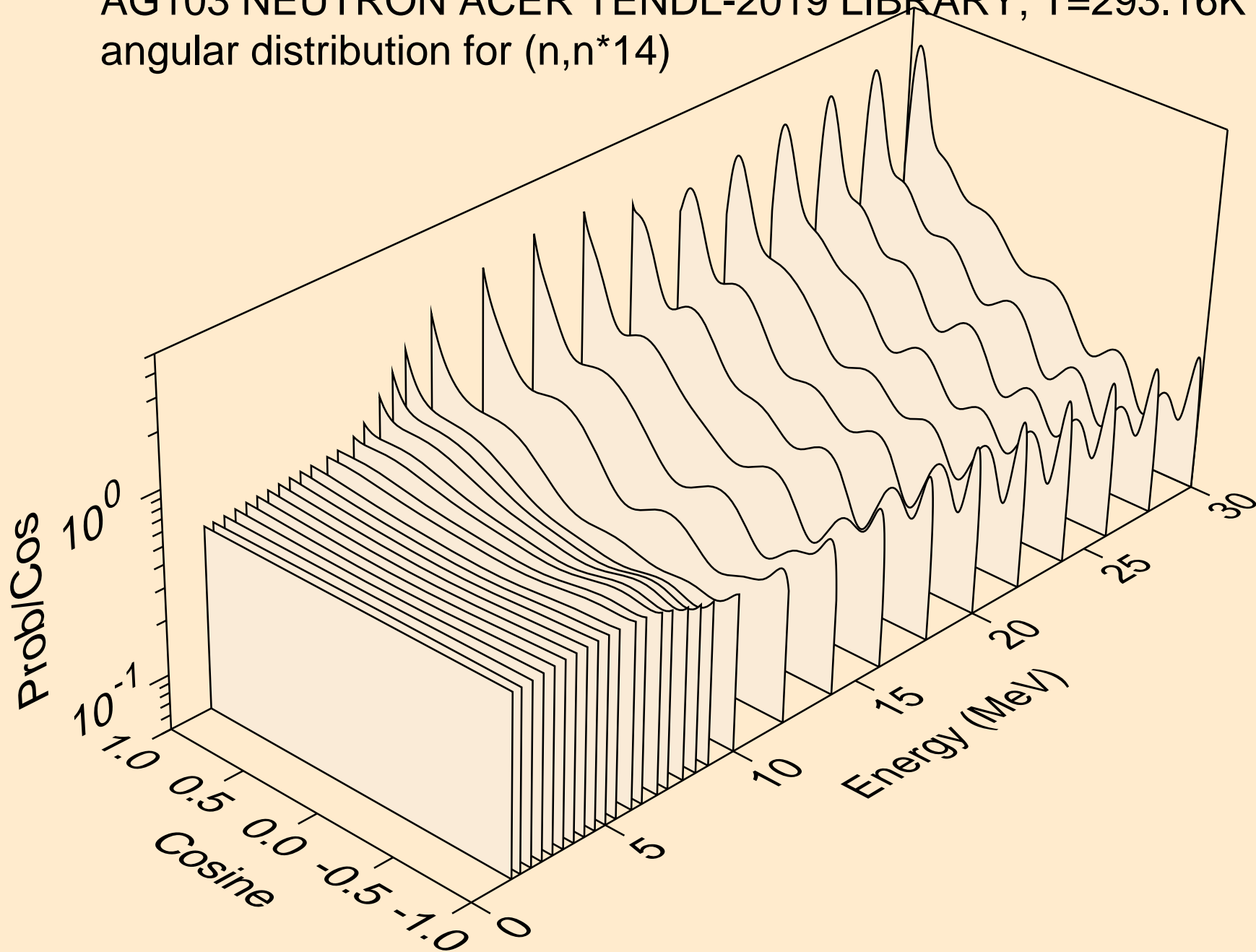
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



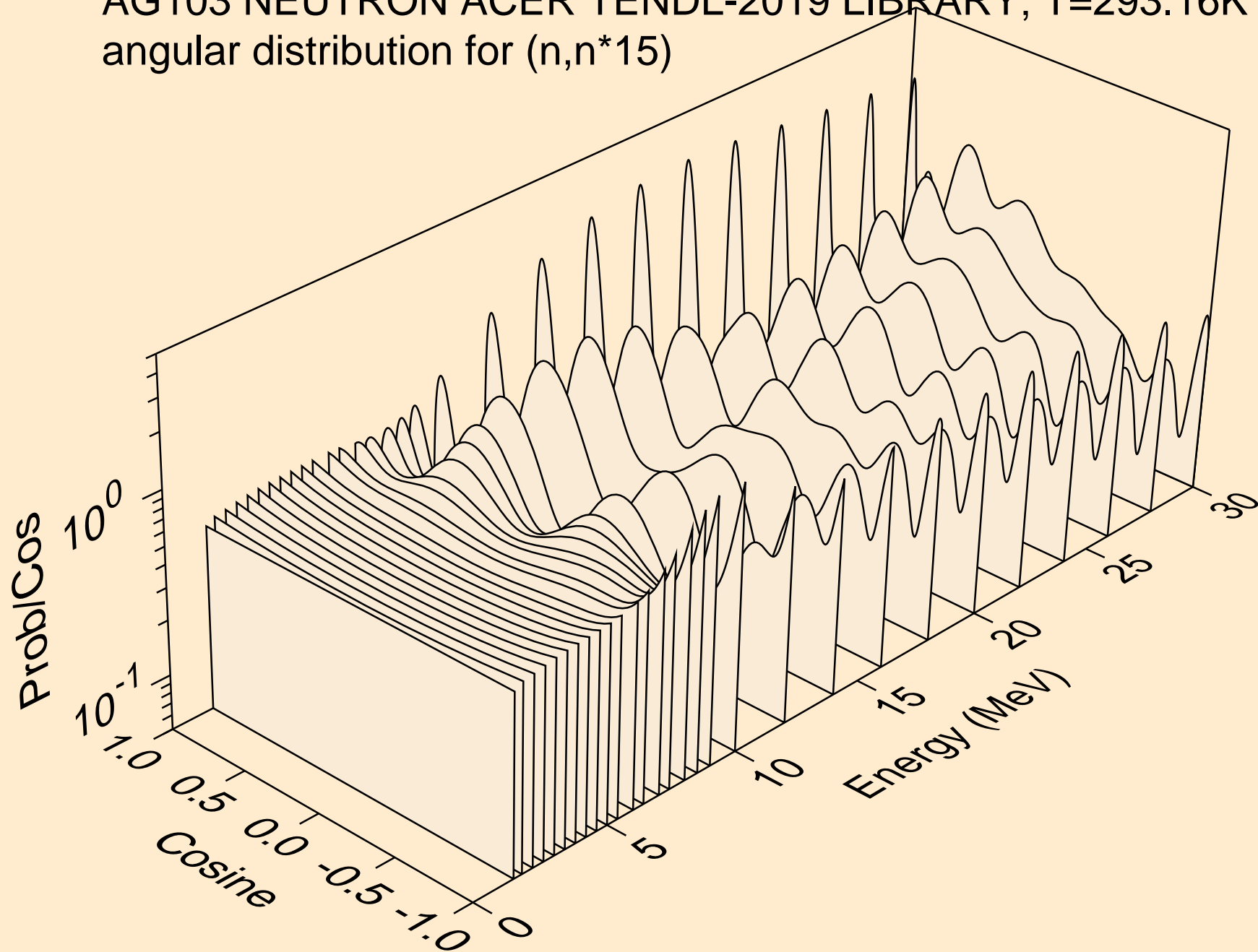
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



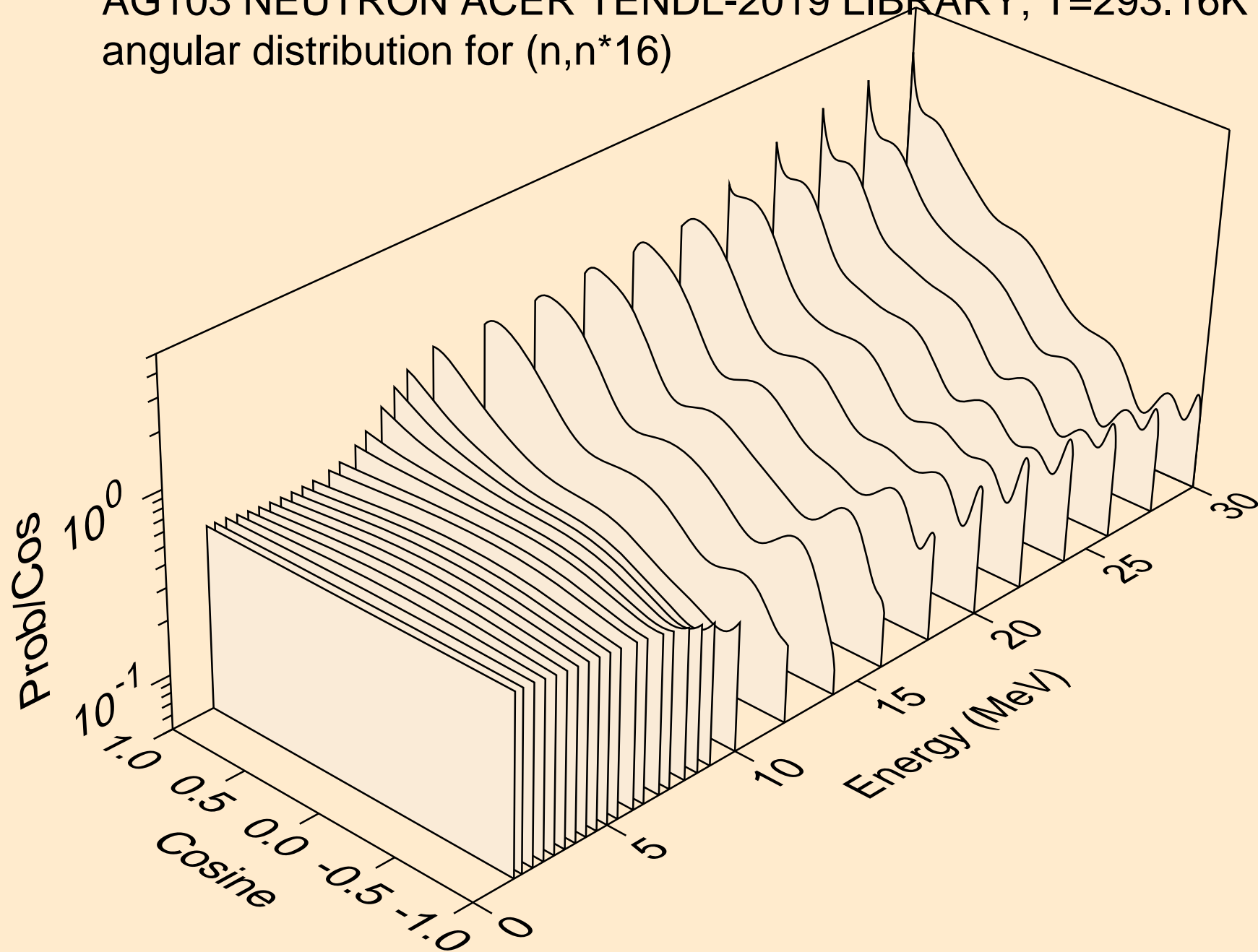
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*14)



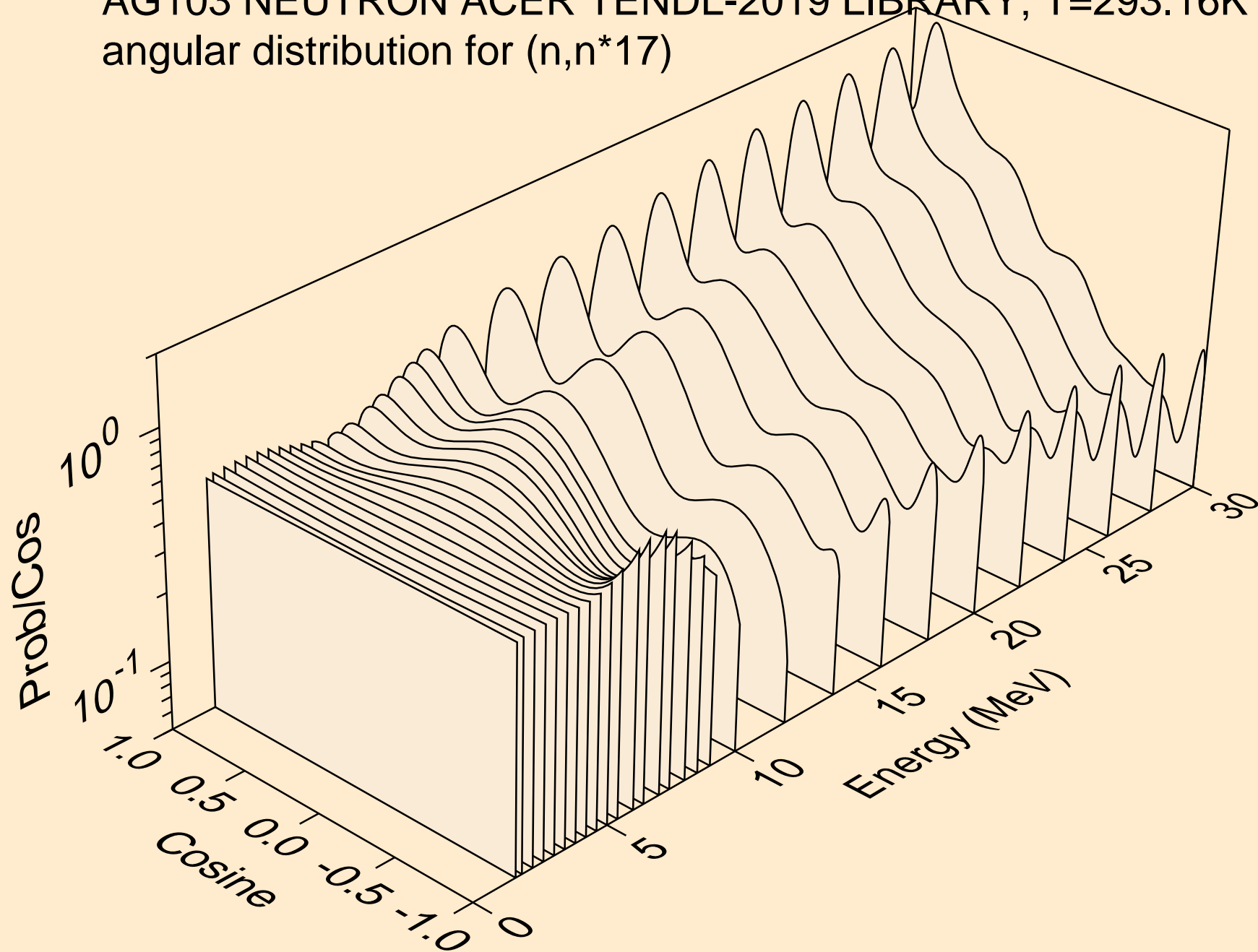
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*15)



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*16)

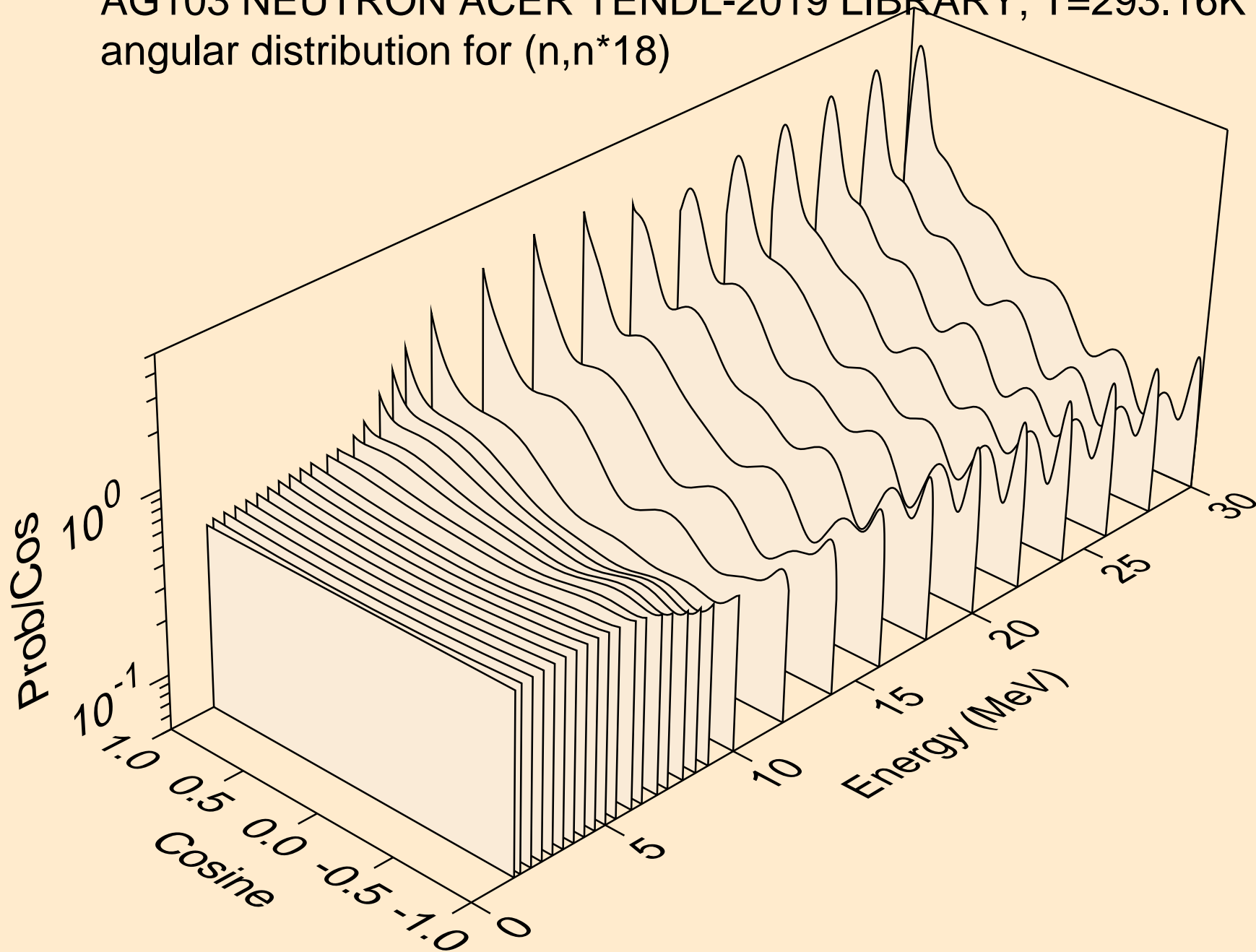


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)

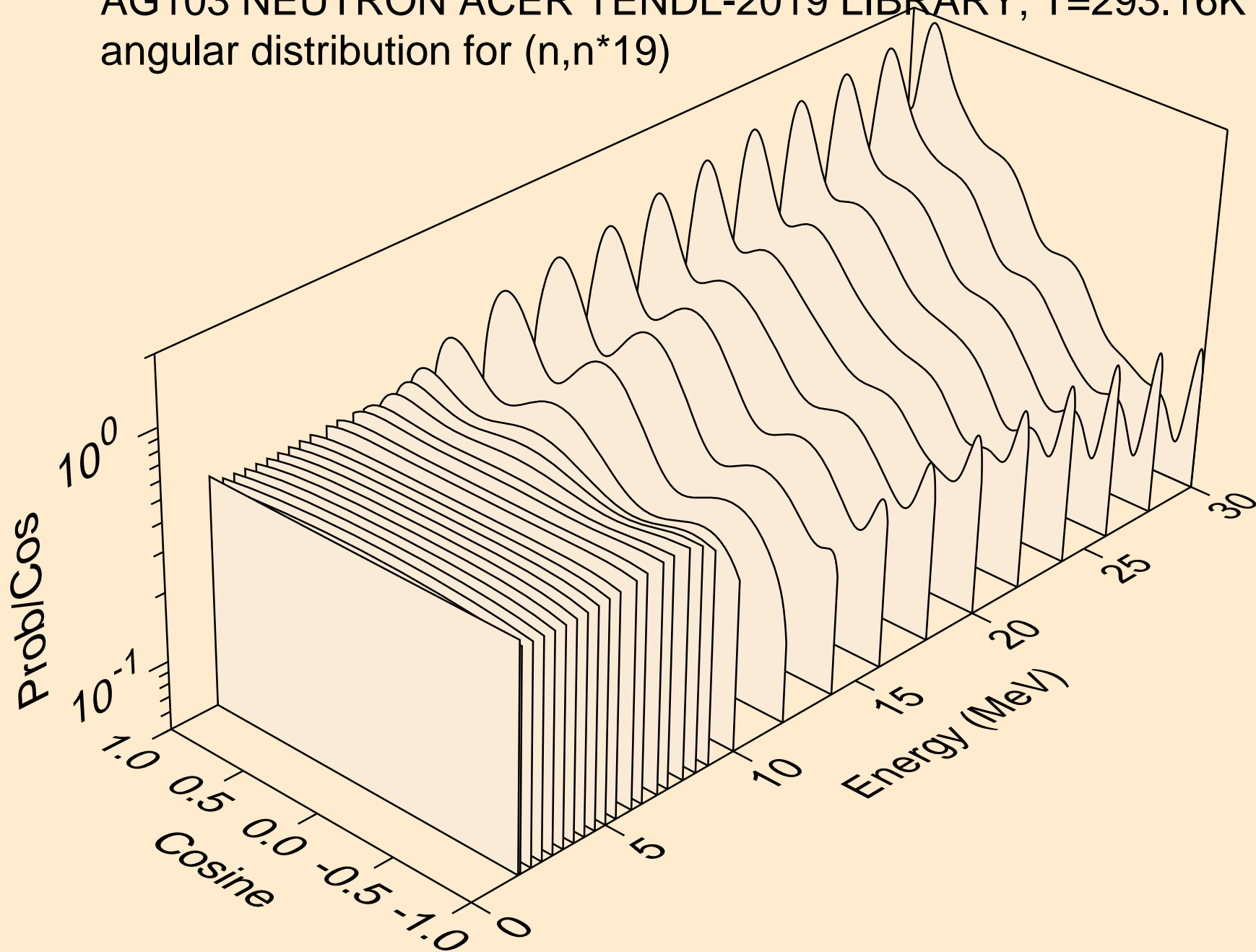




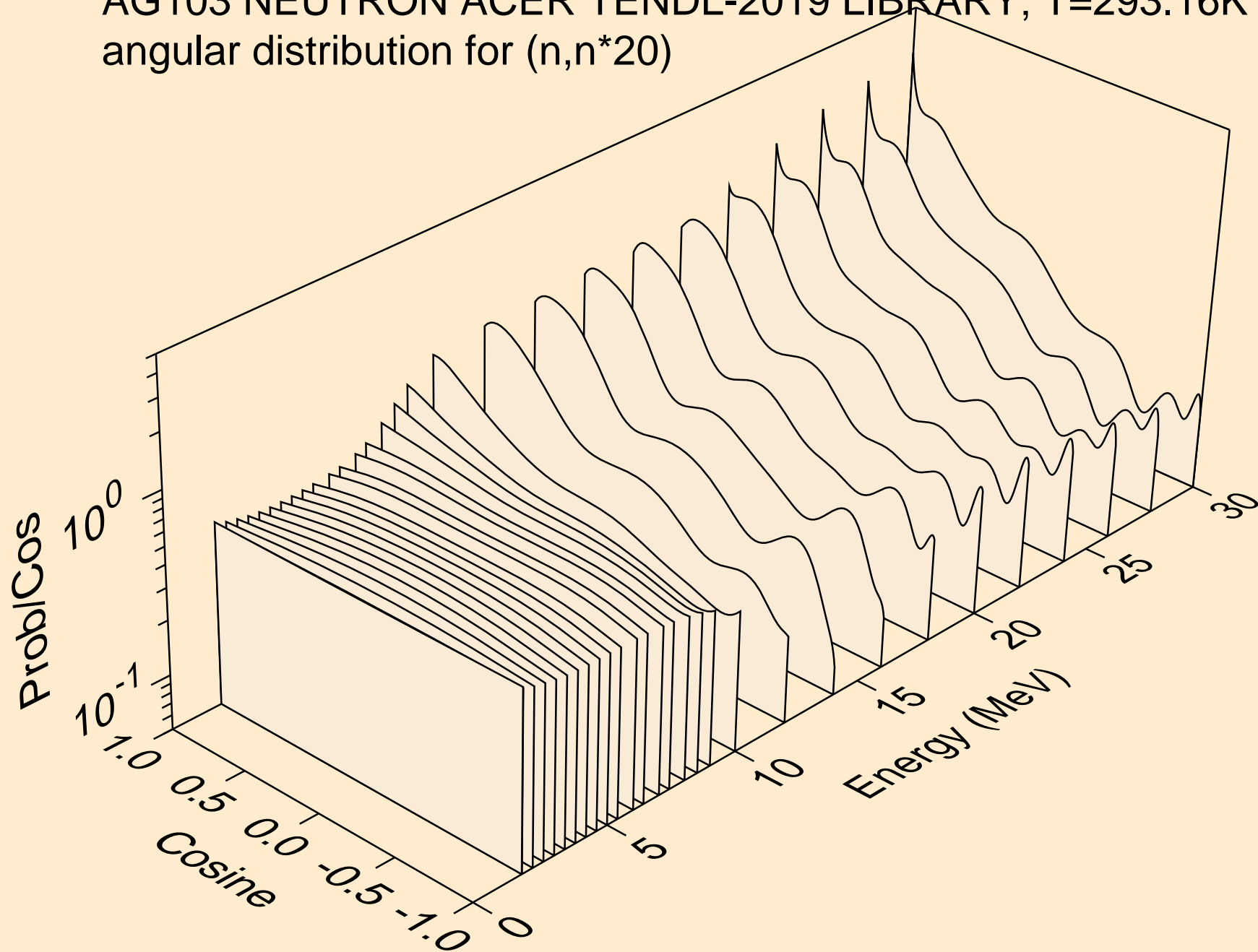
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angular distribution for (n,n\*18)



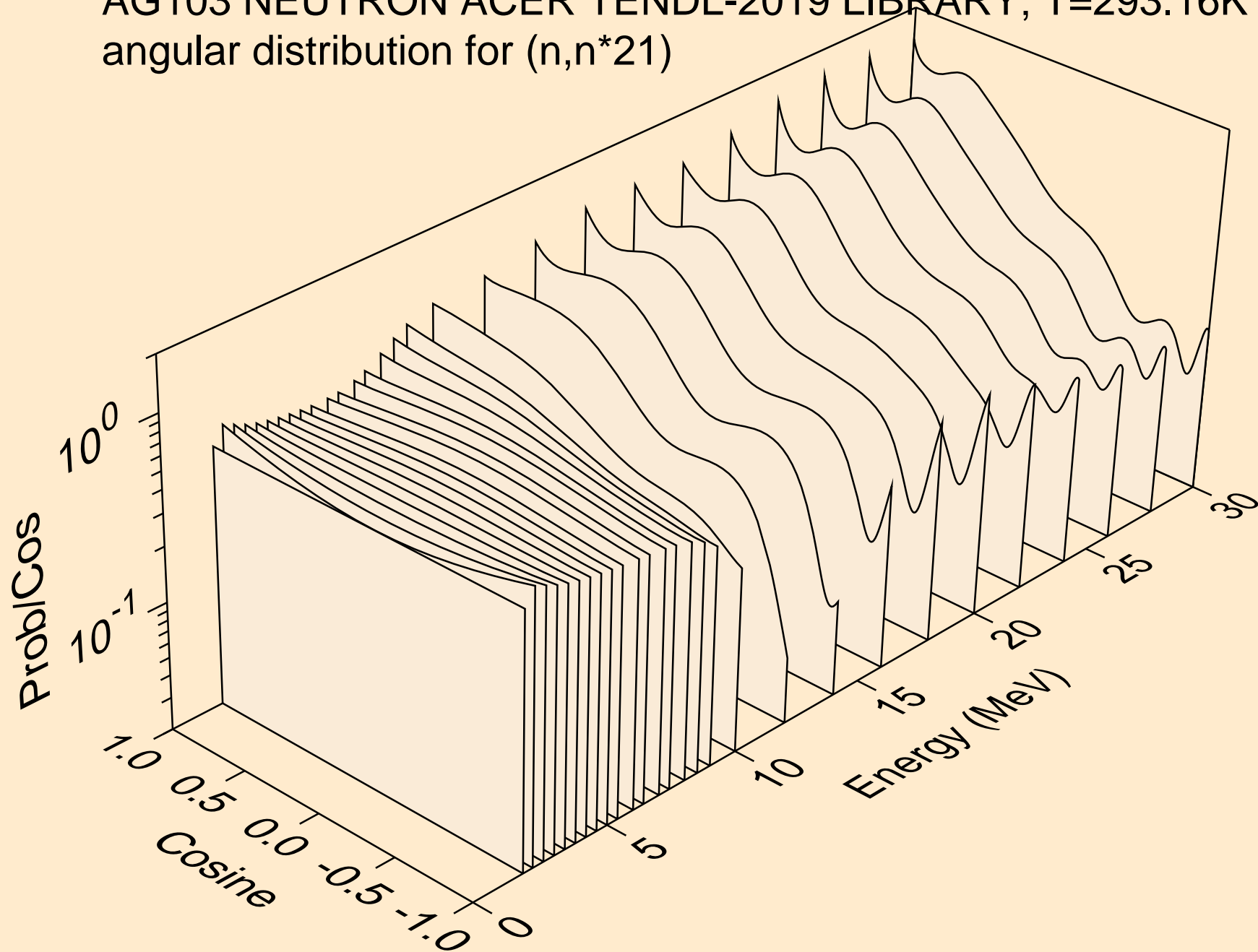
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)



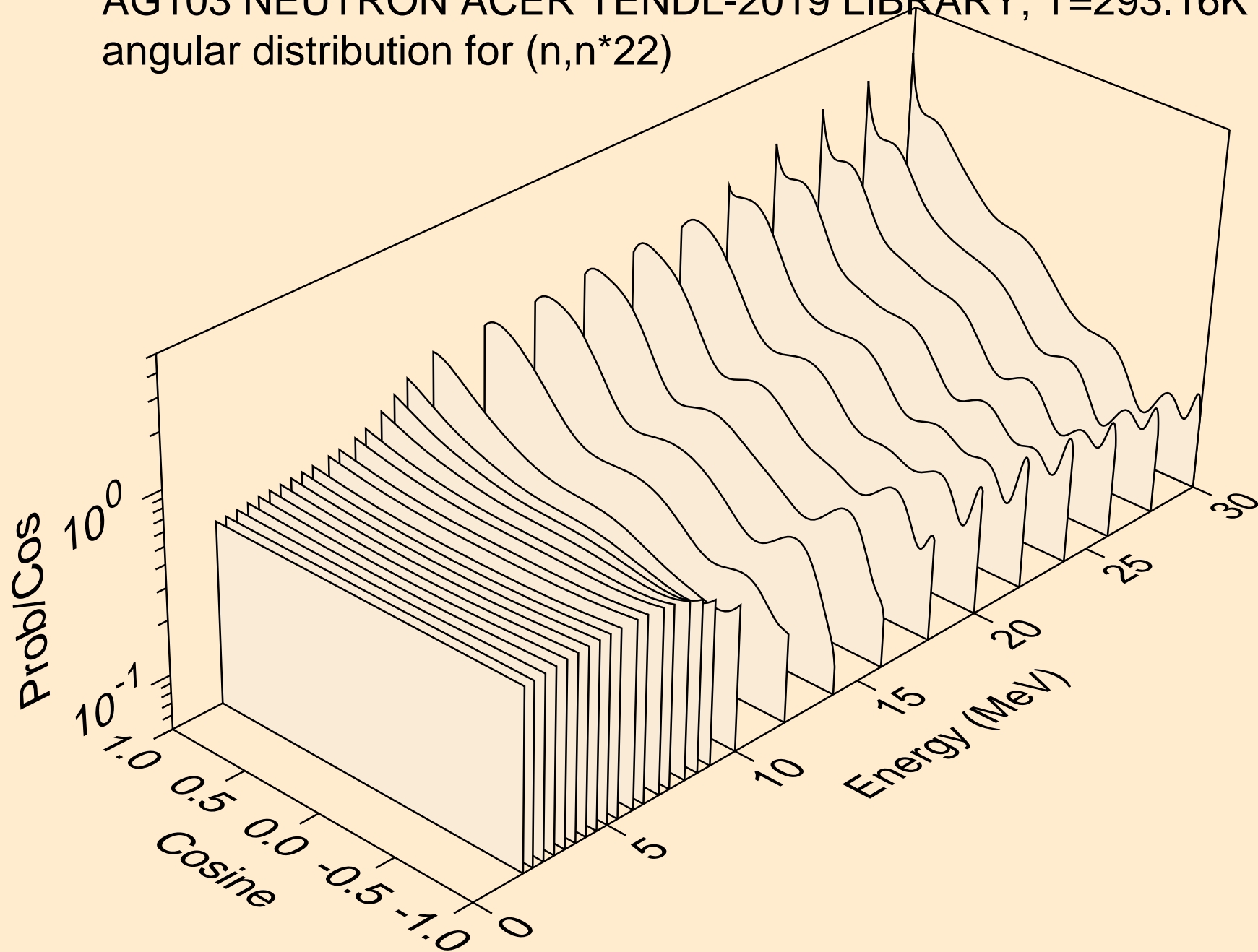
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



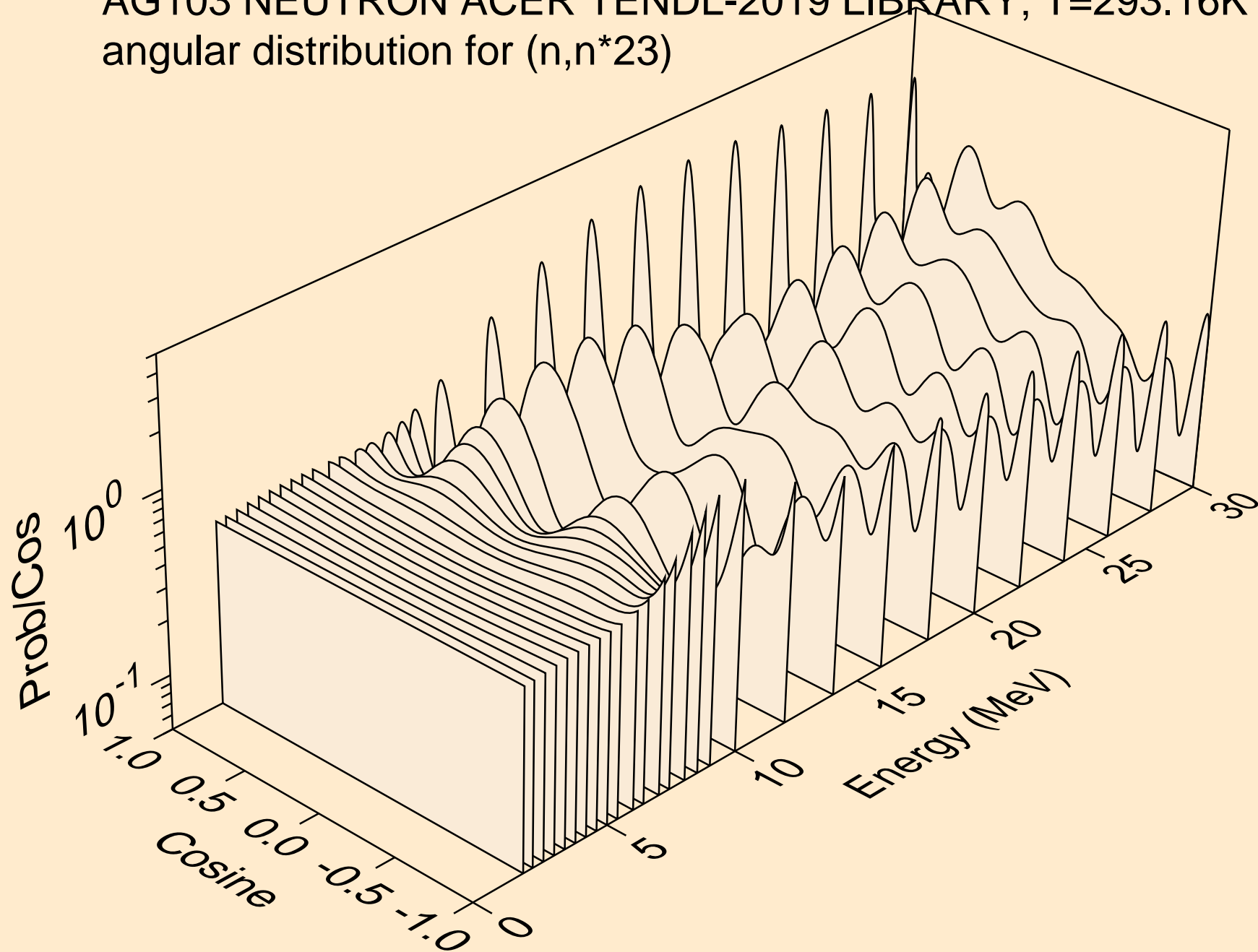
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angular distribution for (n,n\*21)



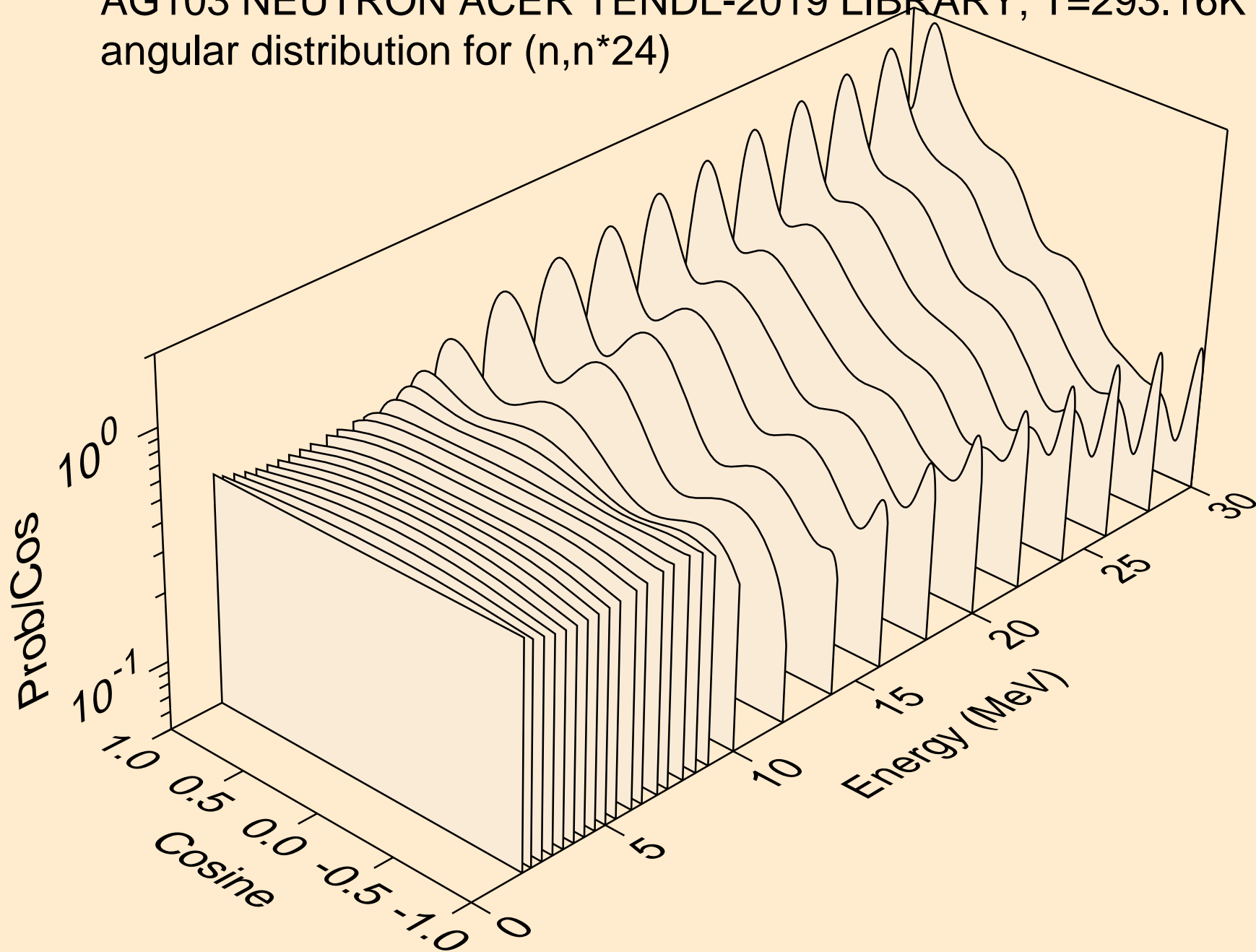
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)



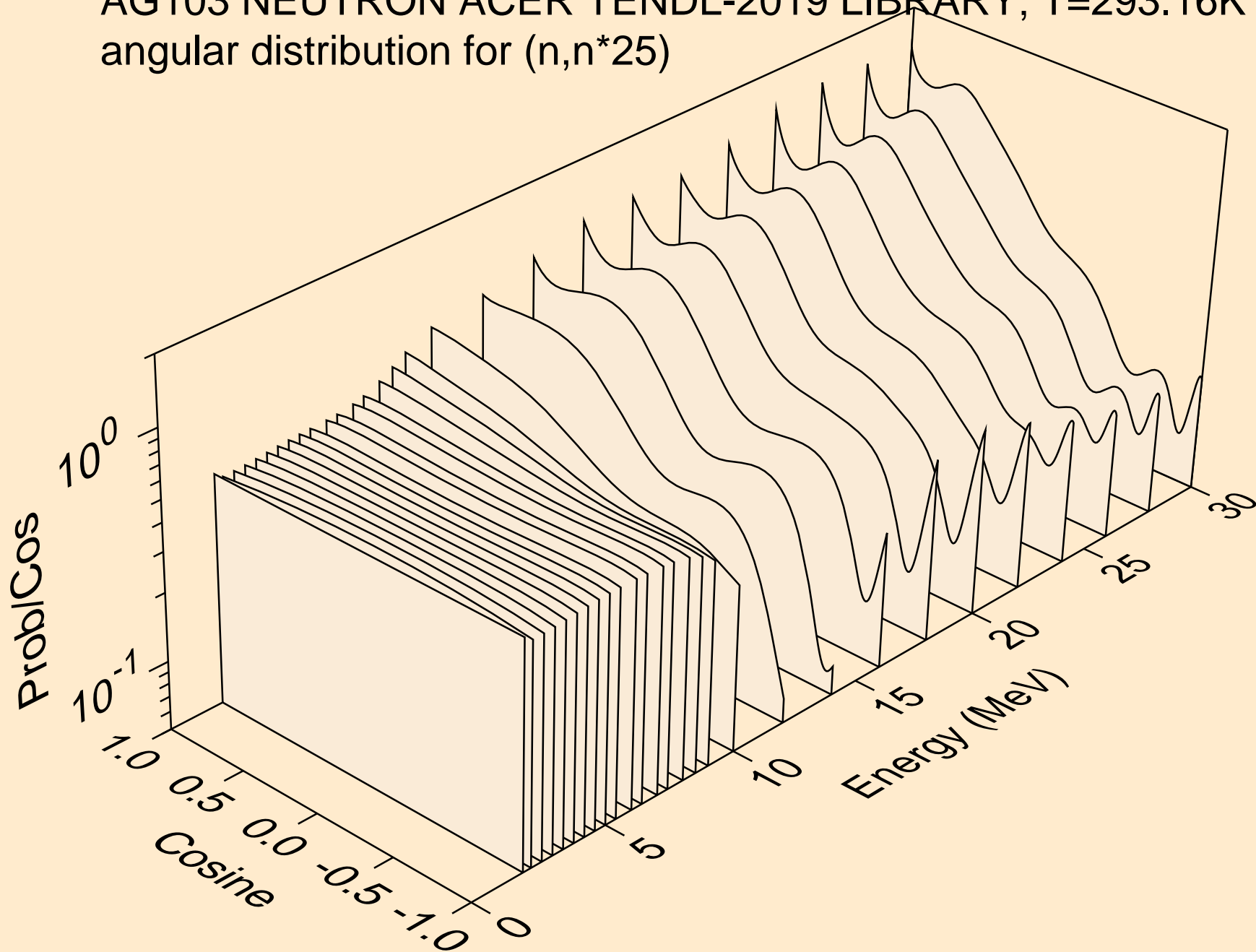
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*24)

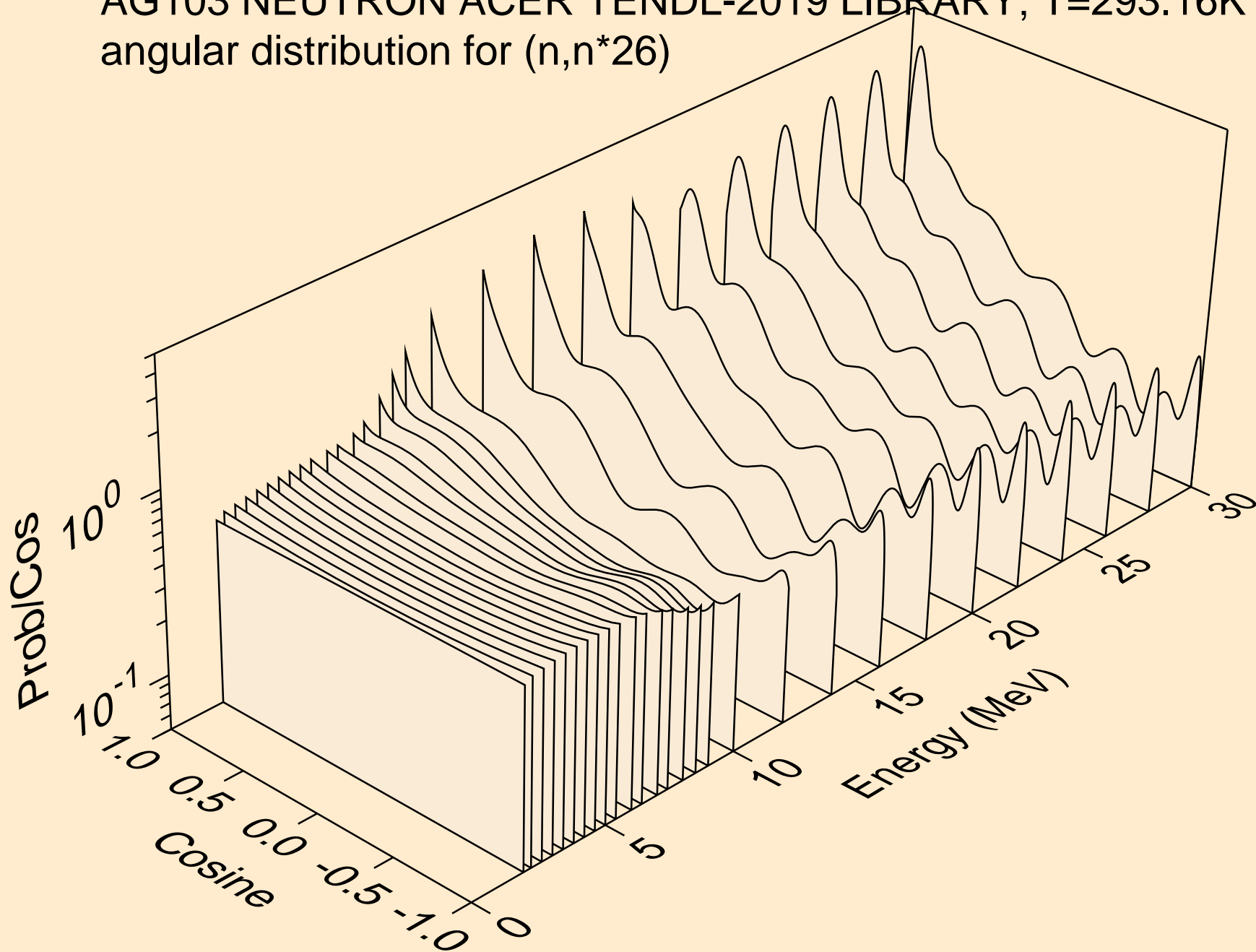


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)

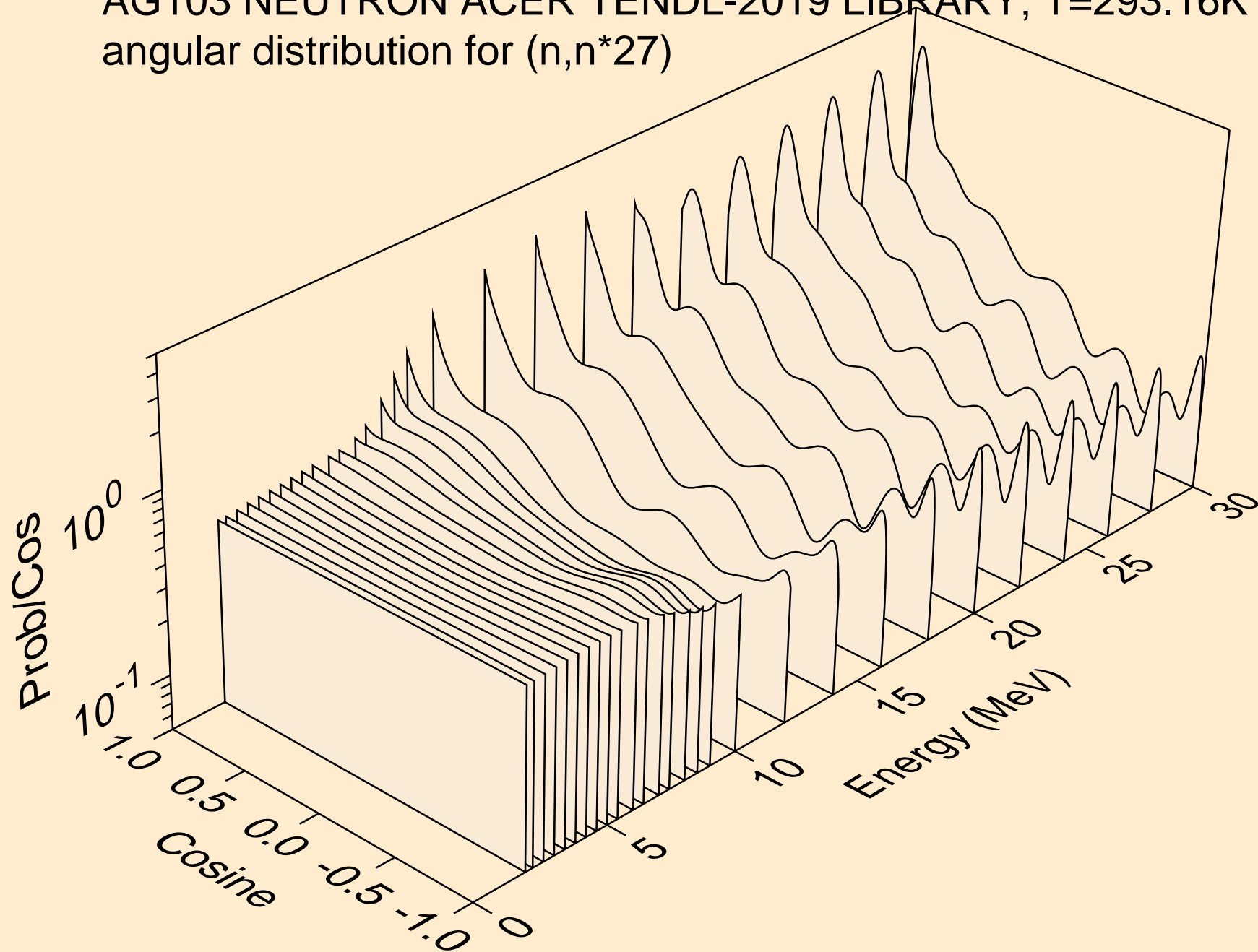




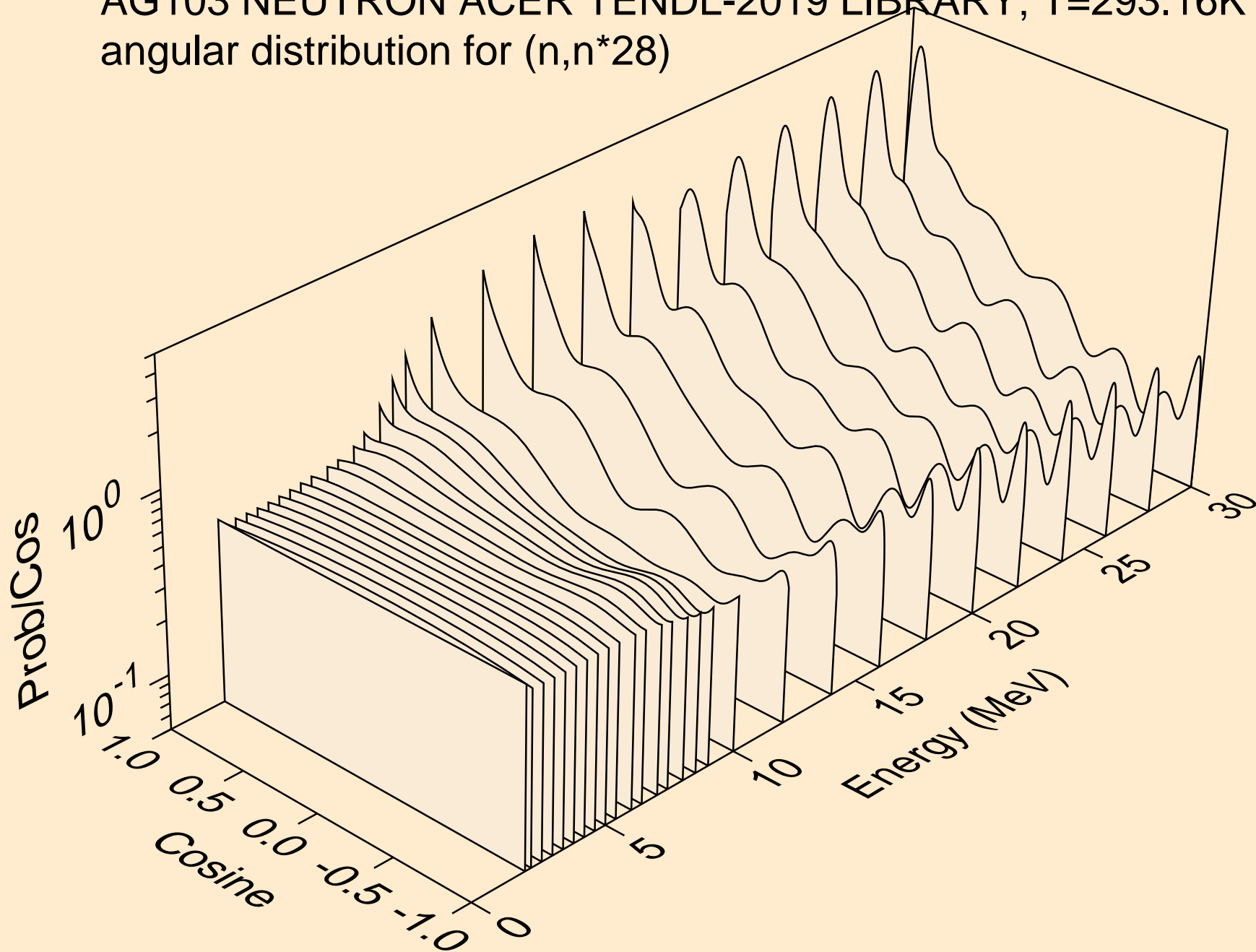
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)



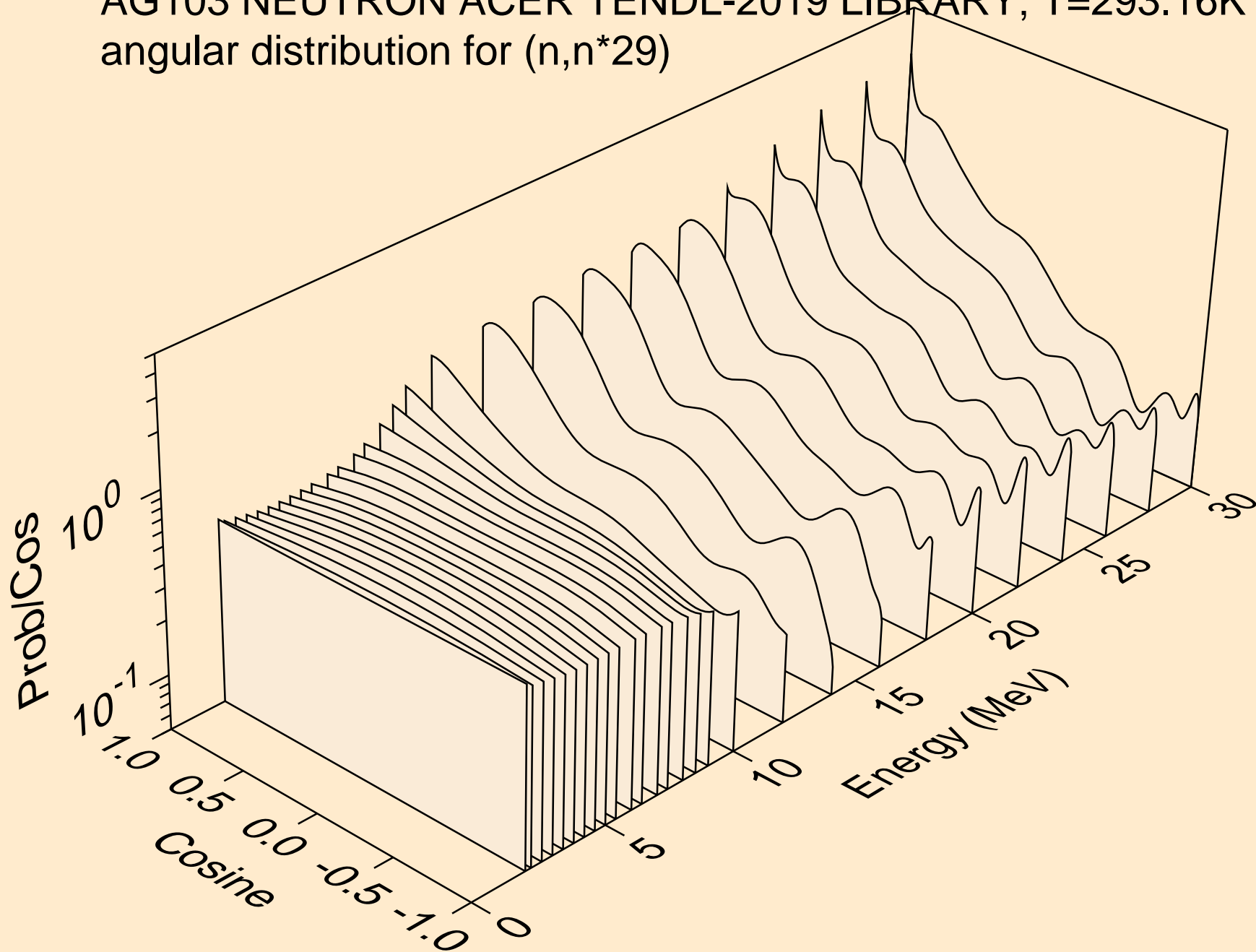
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)



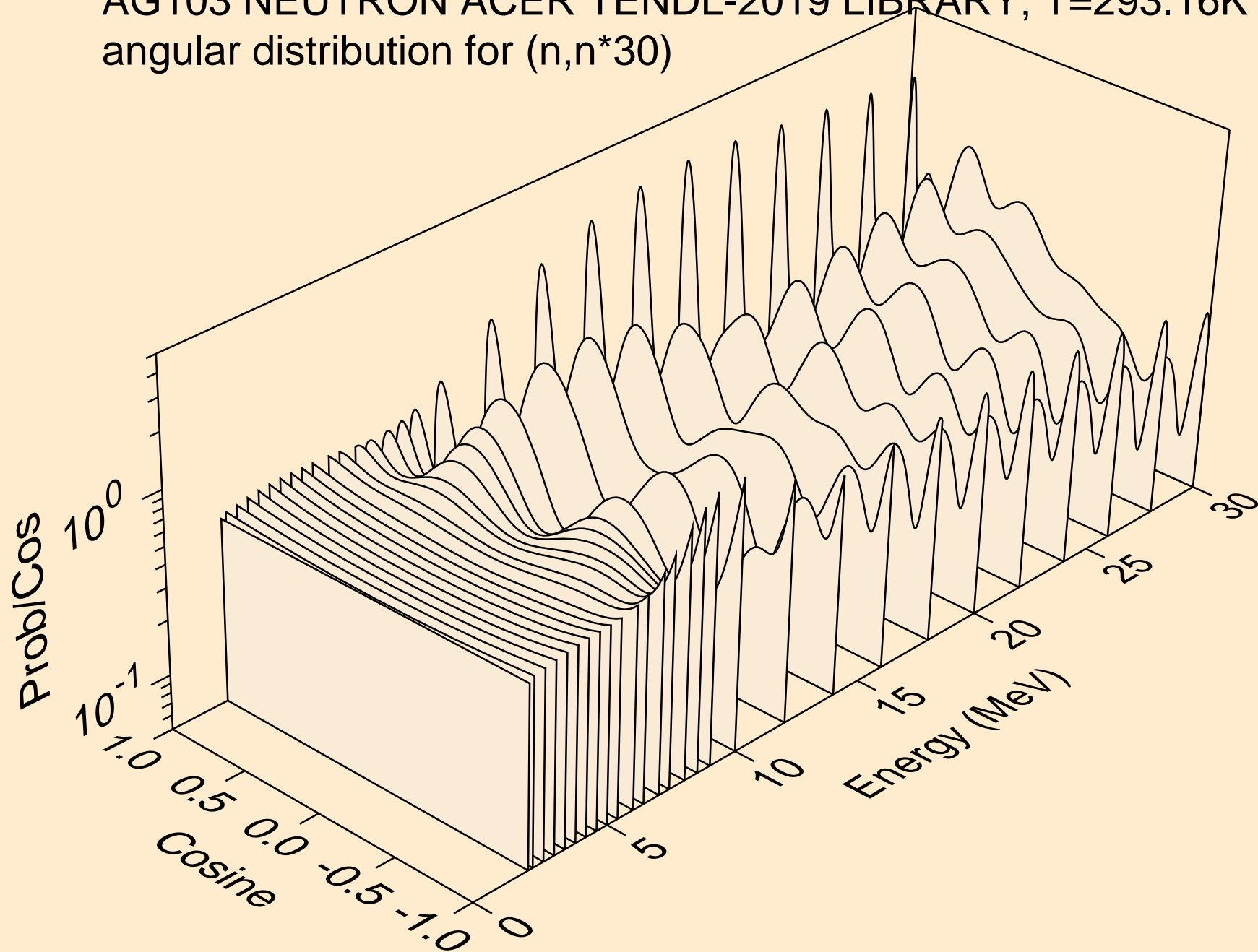
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



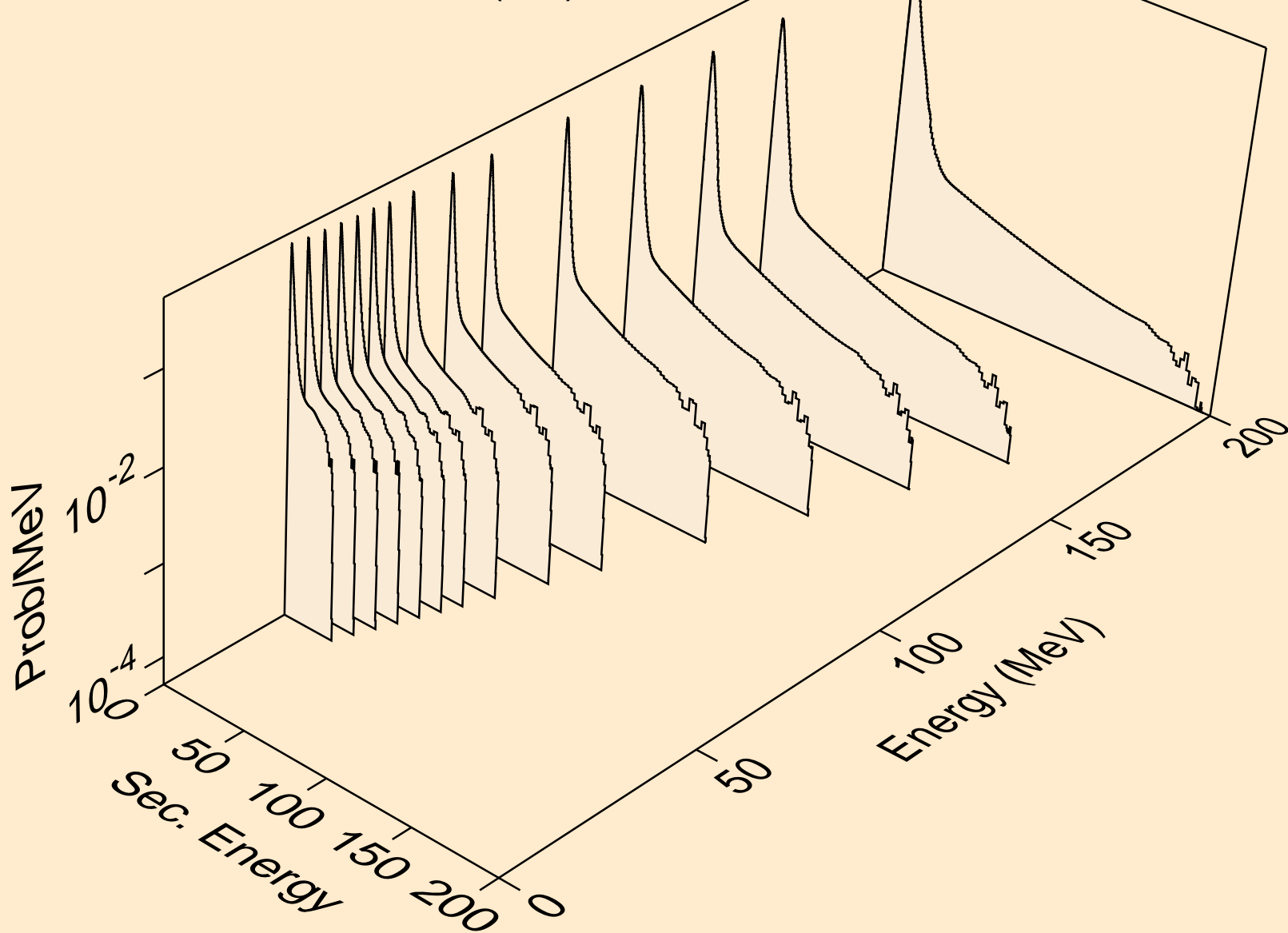
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*29)



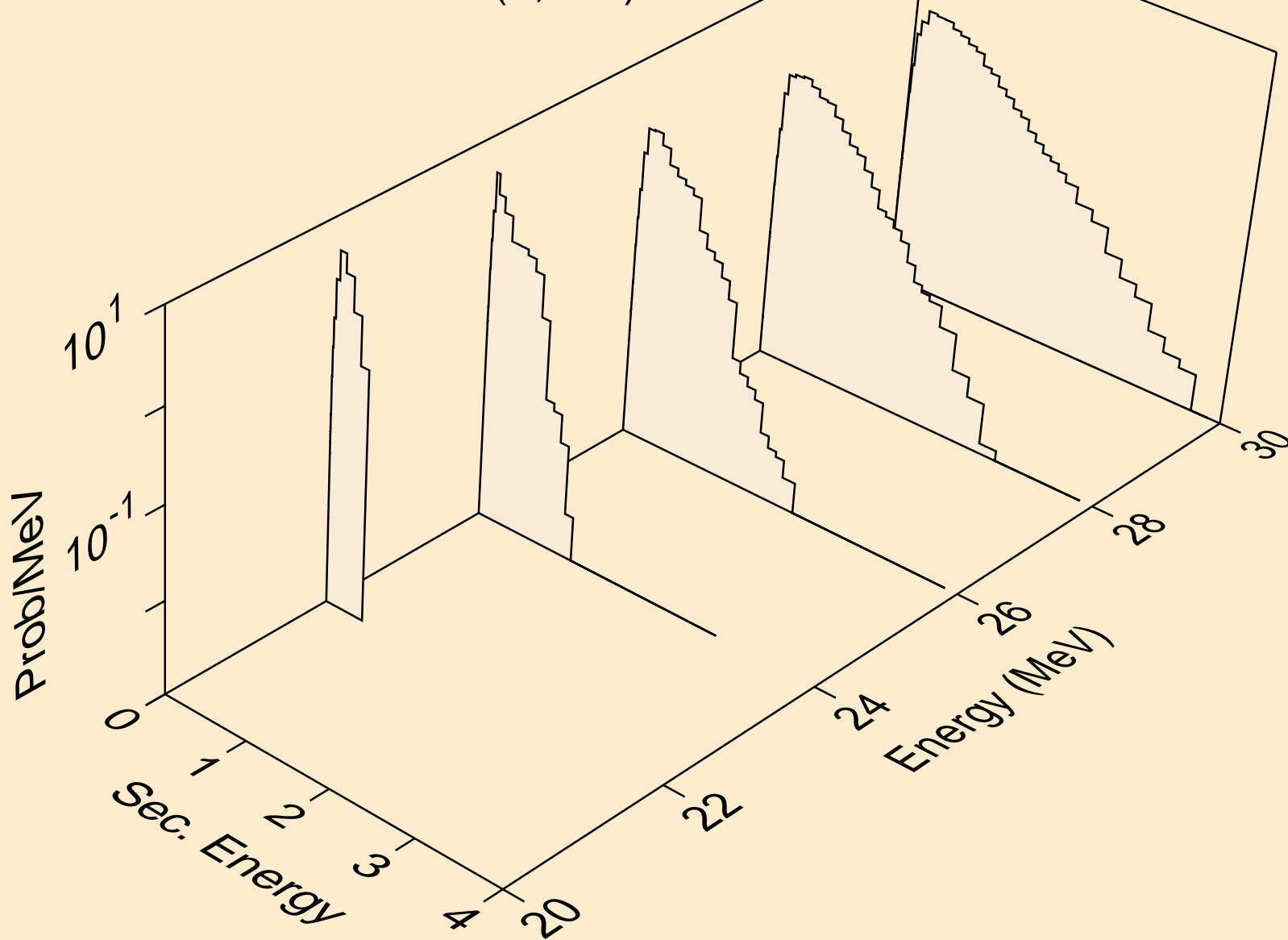
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*30)



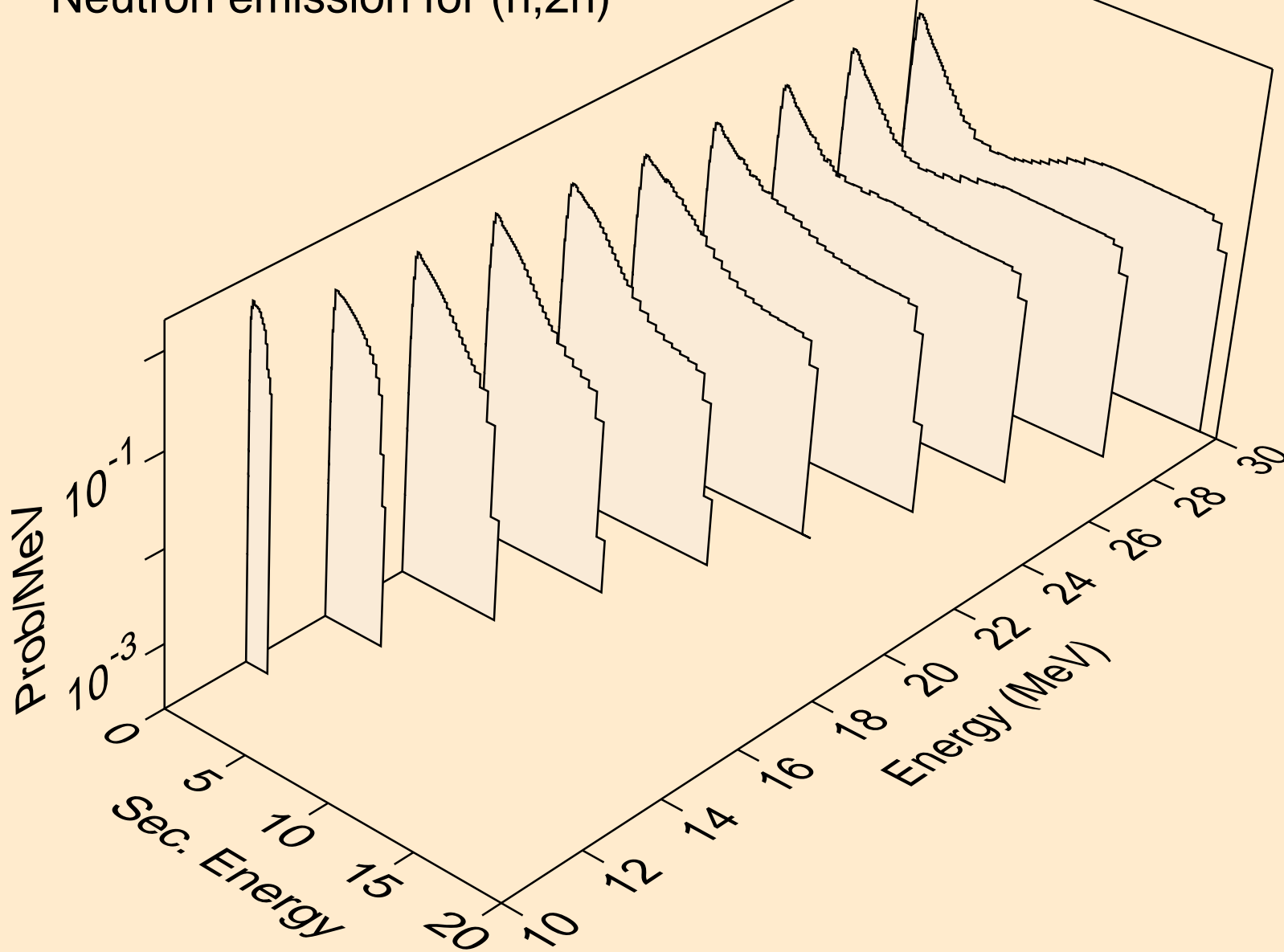
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)

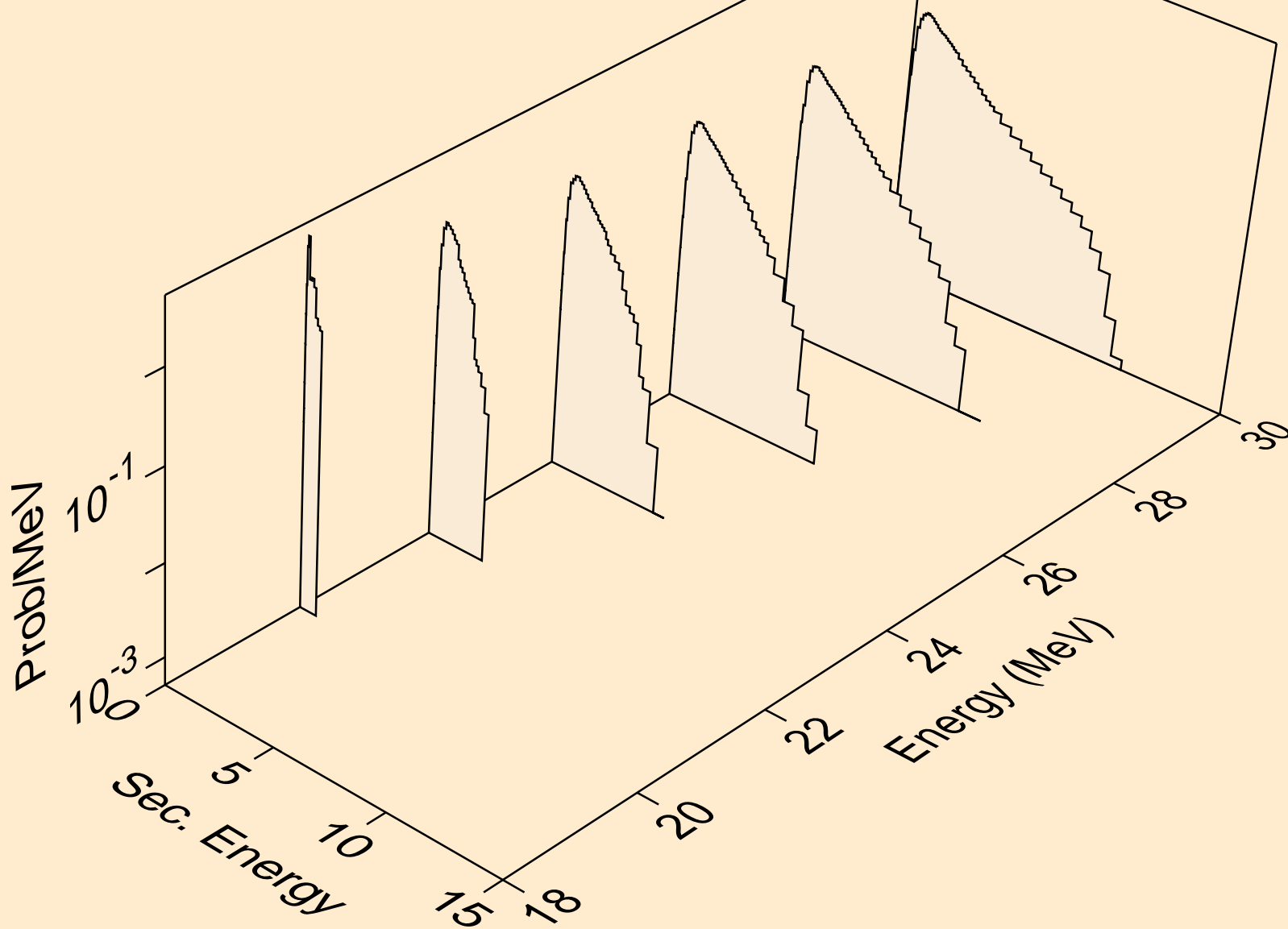


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)

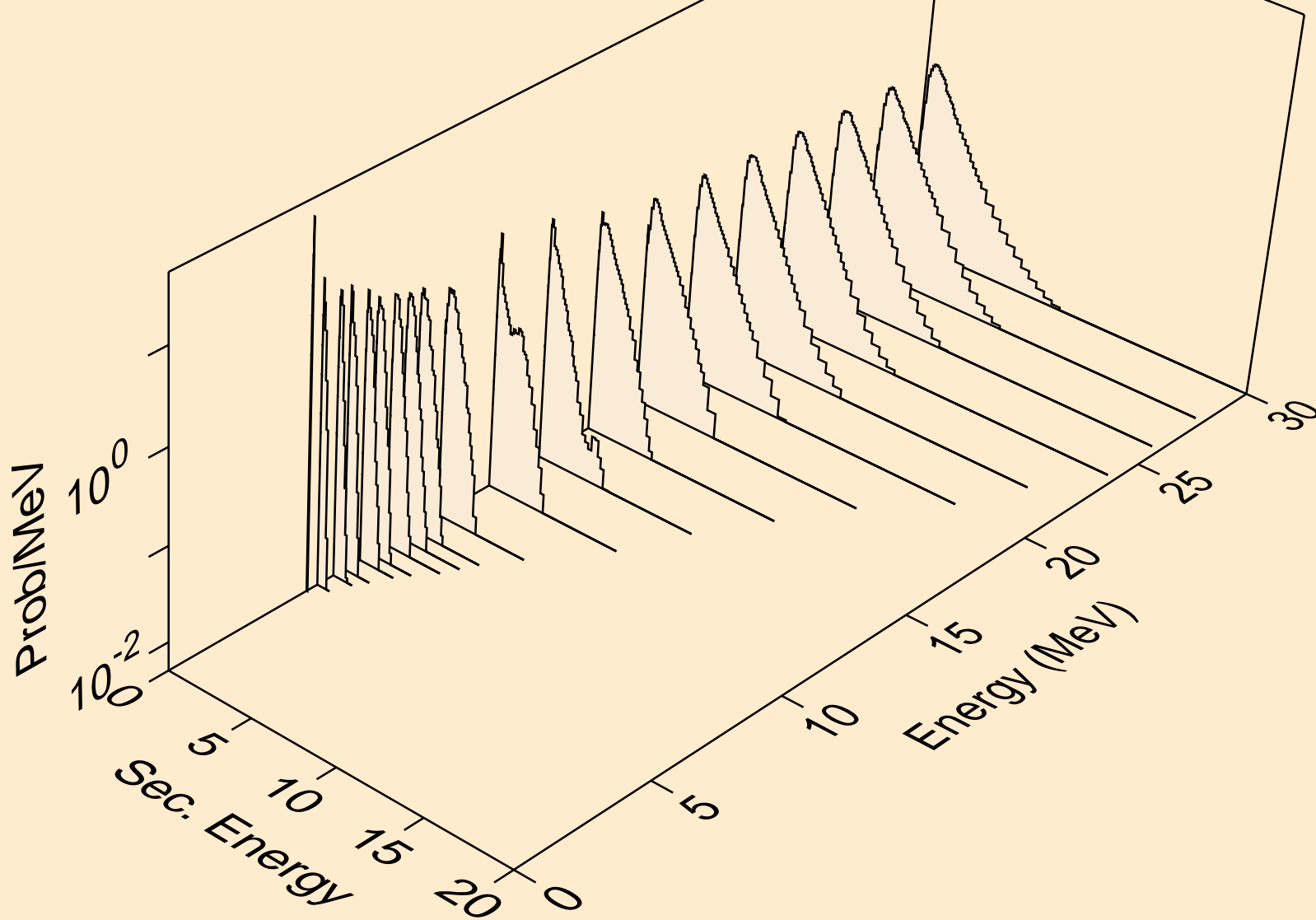




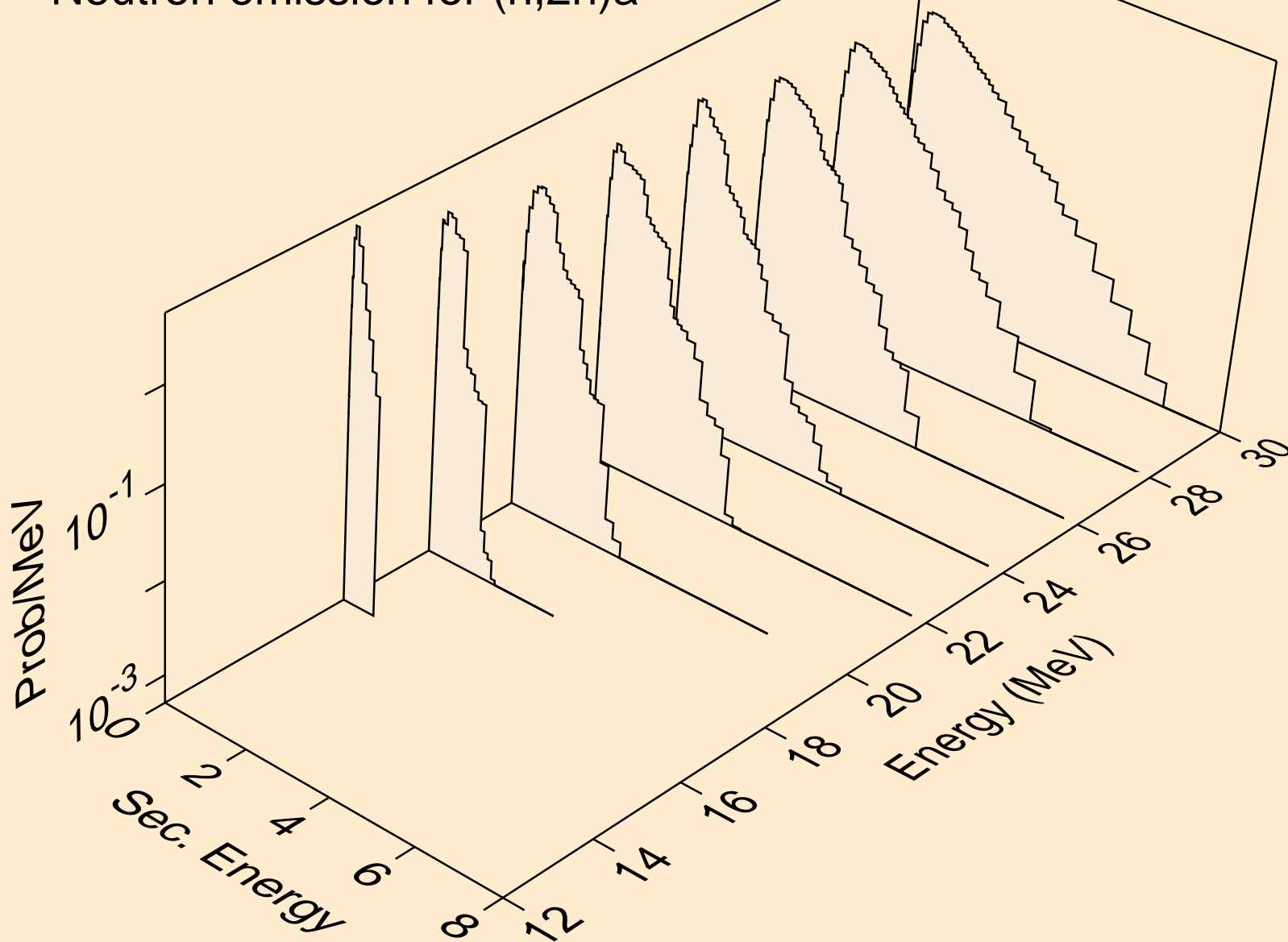
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



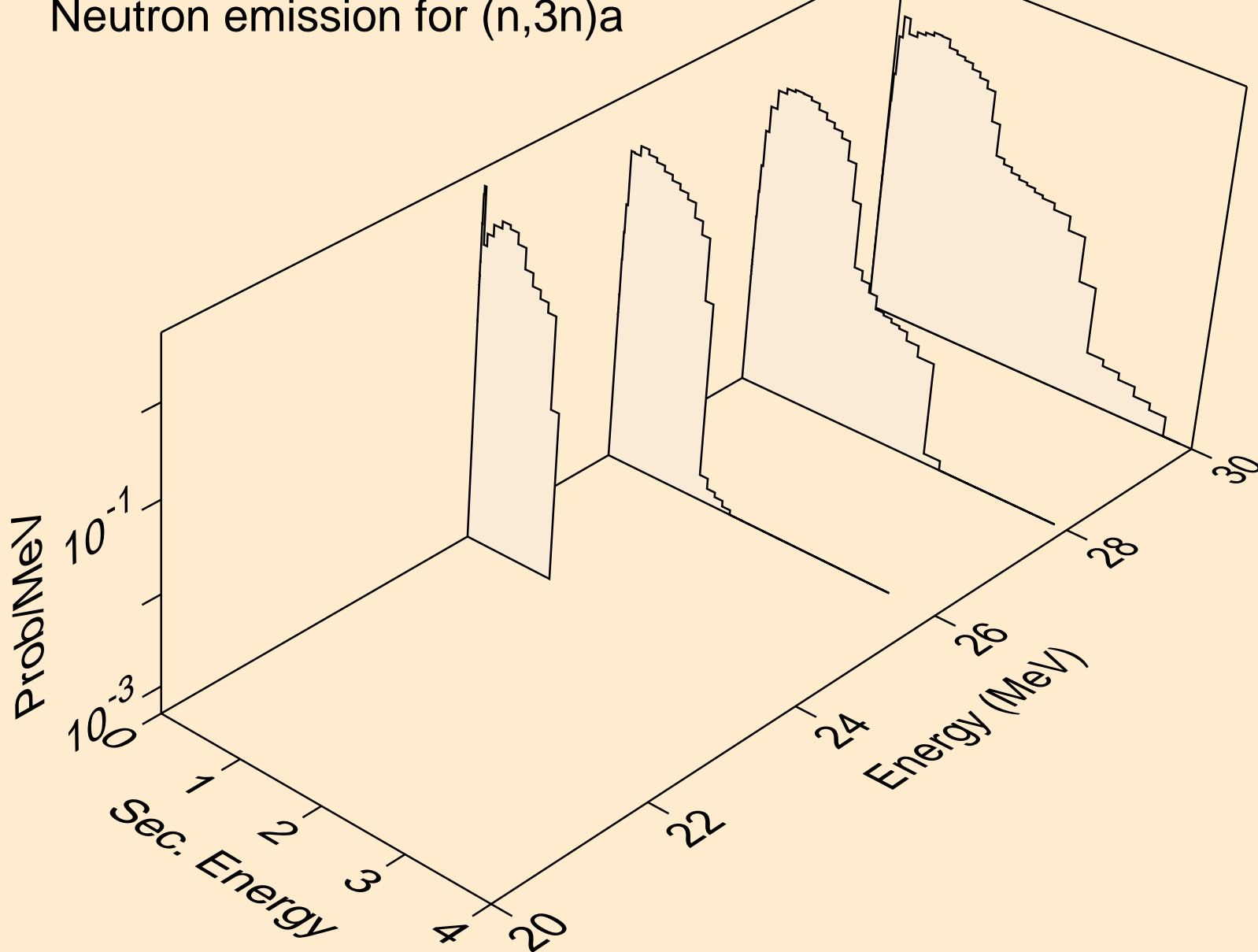
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a



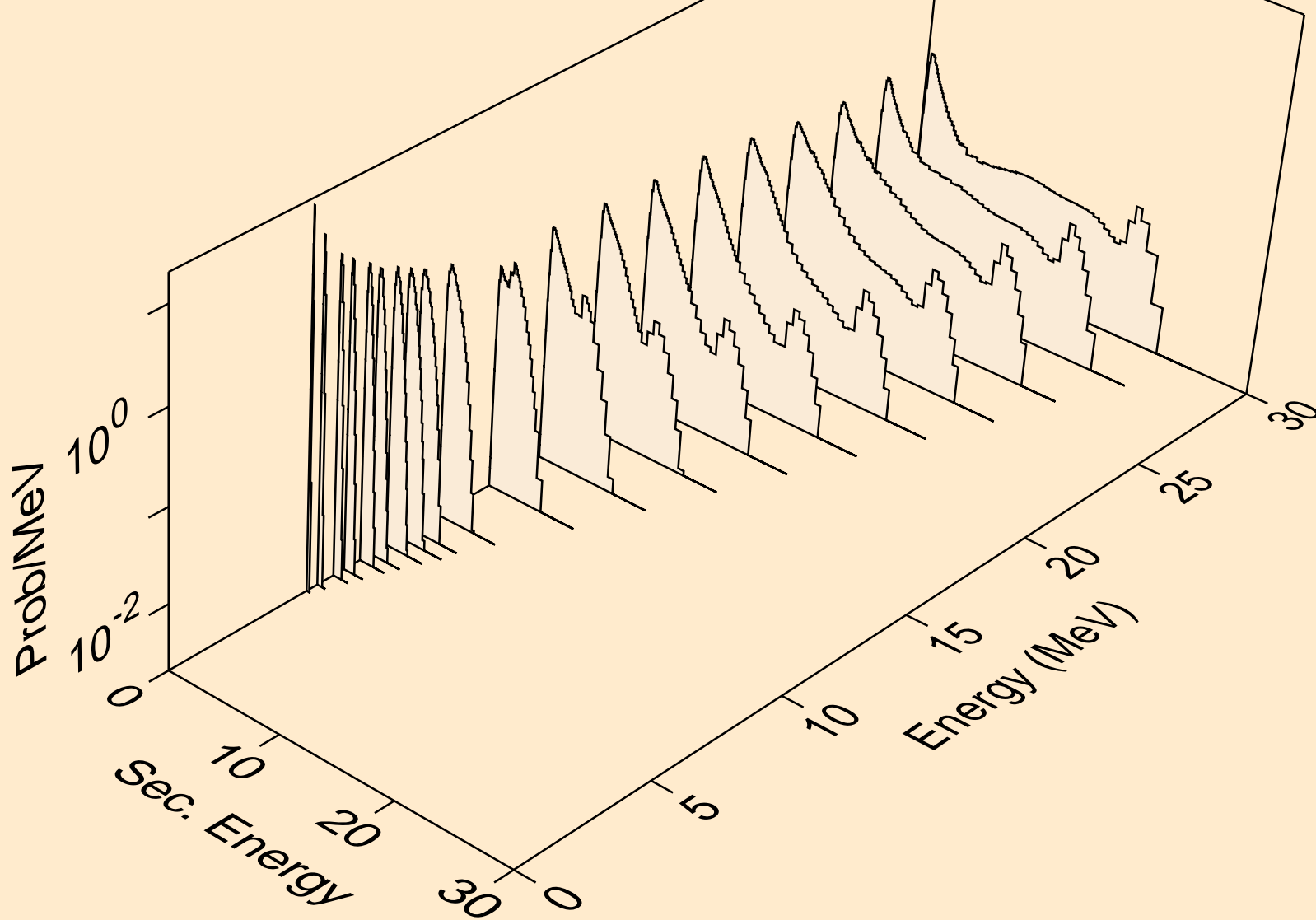
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a



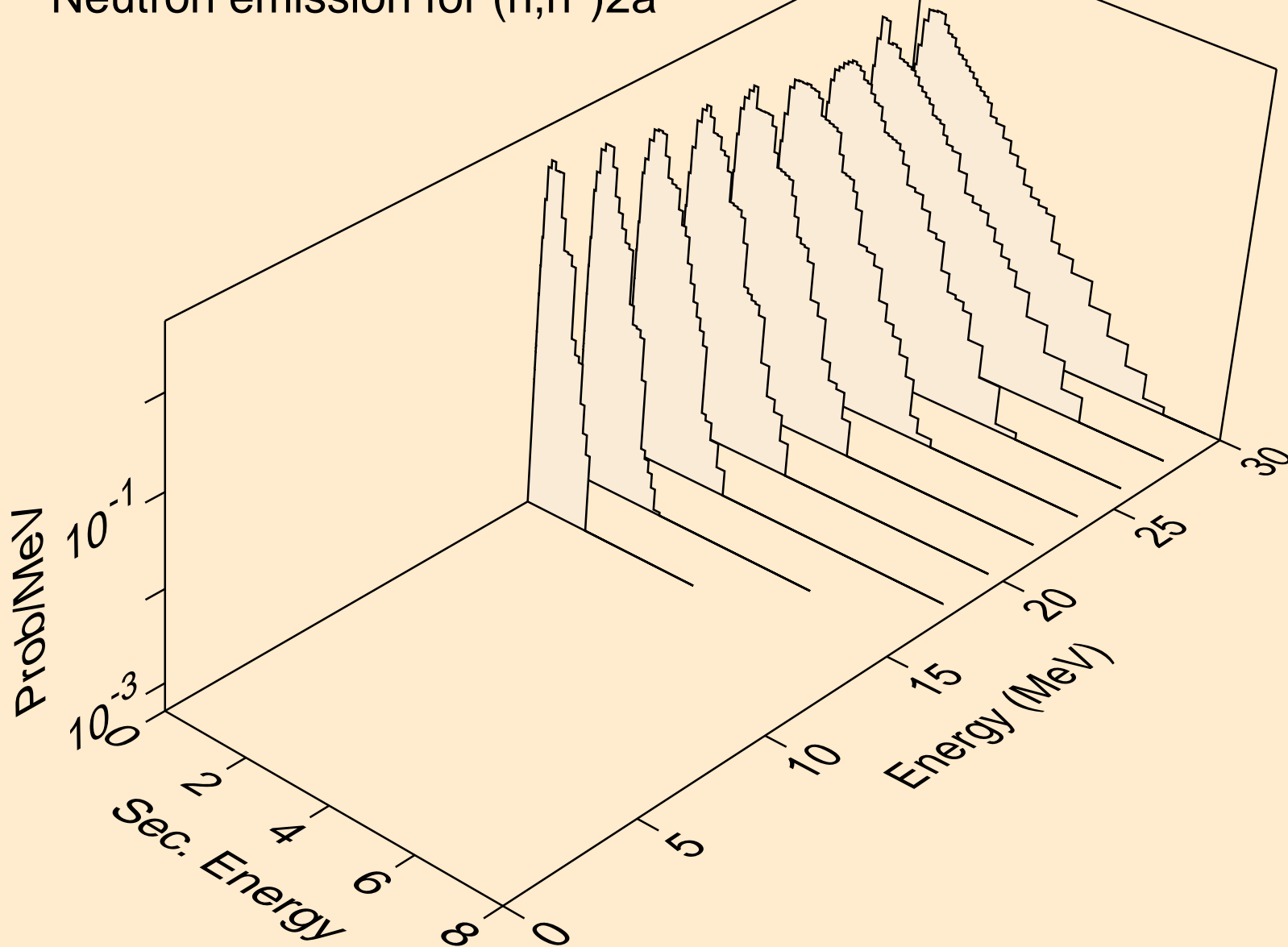
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



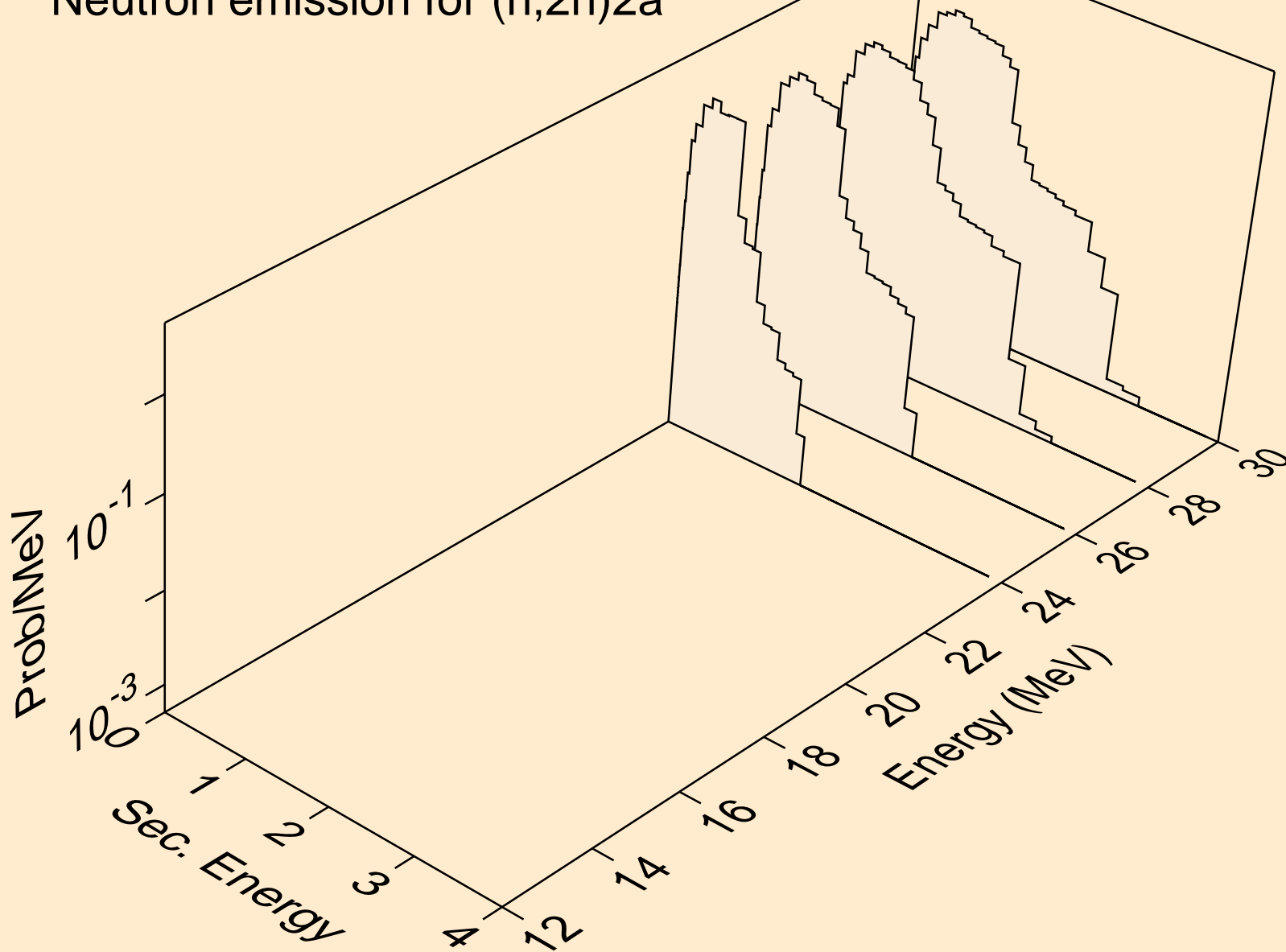
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



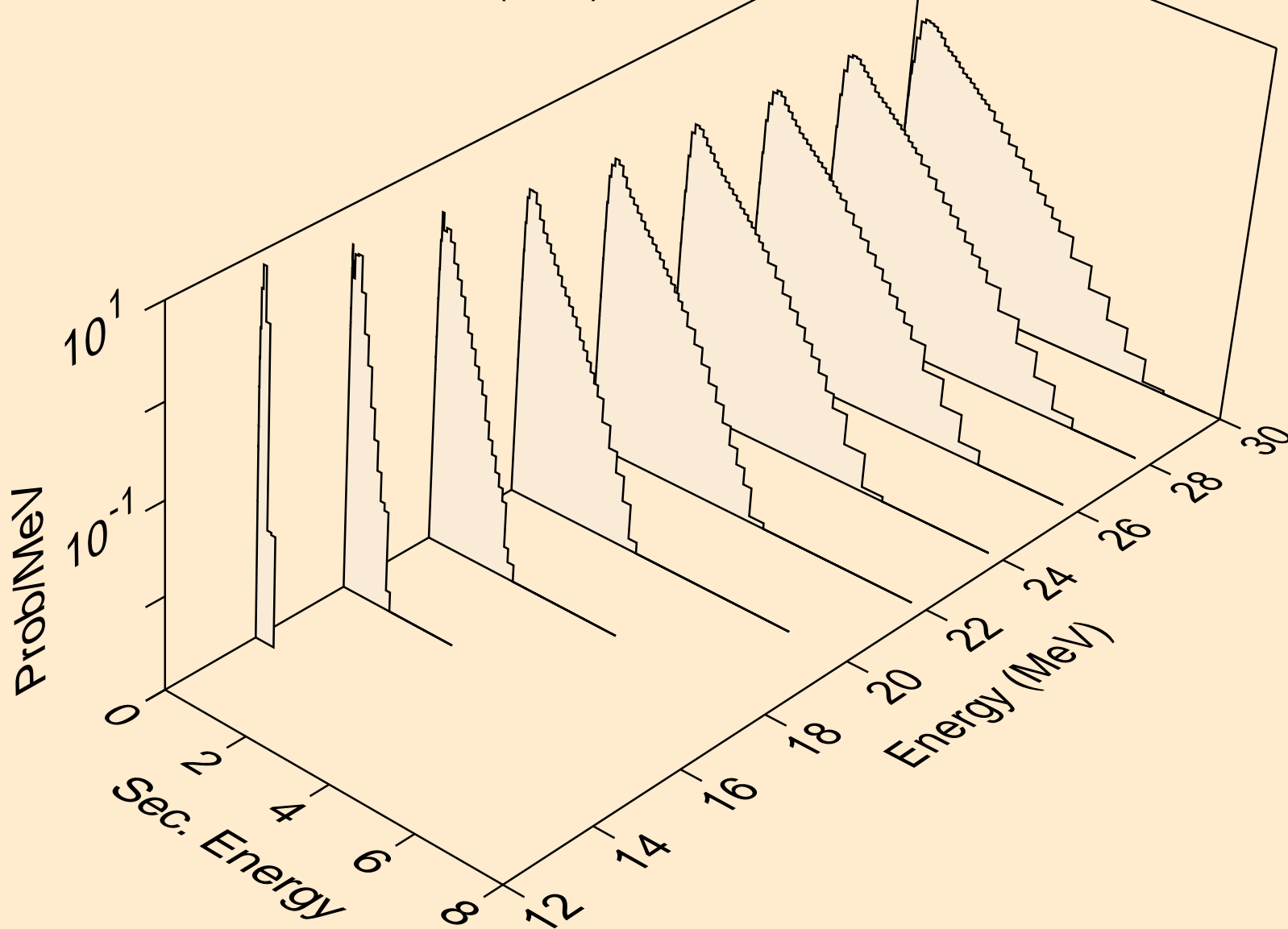
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)2a



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)2a

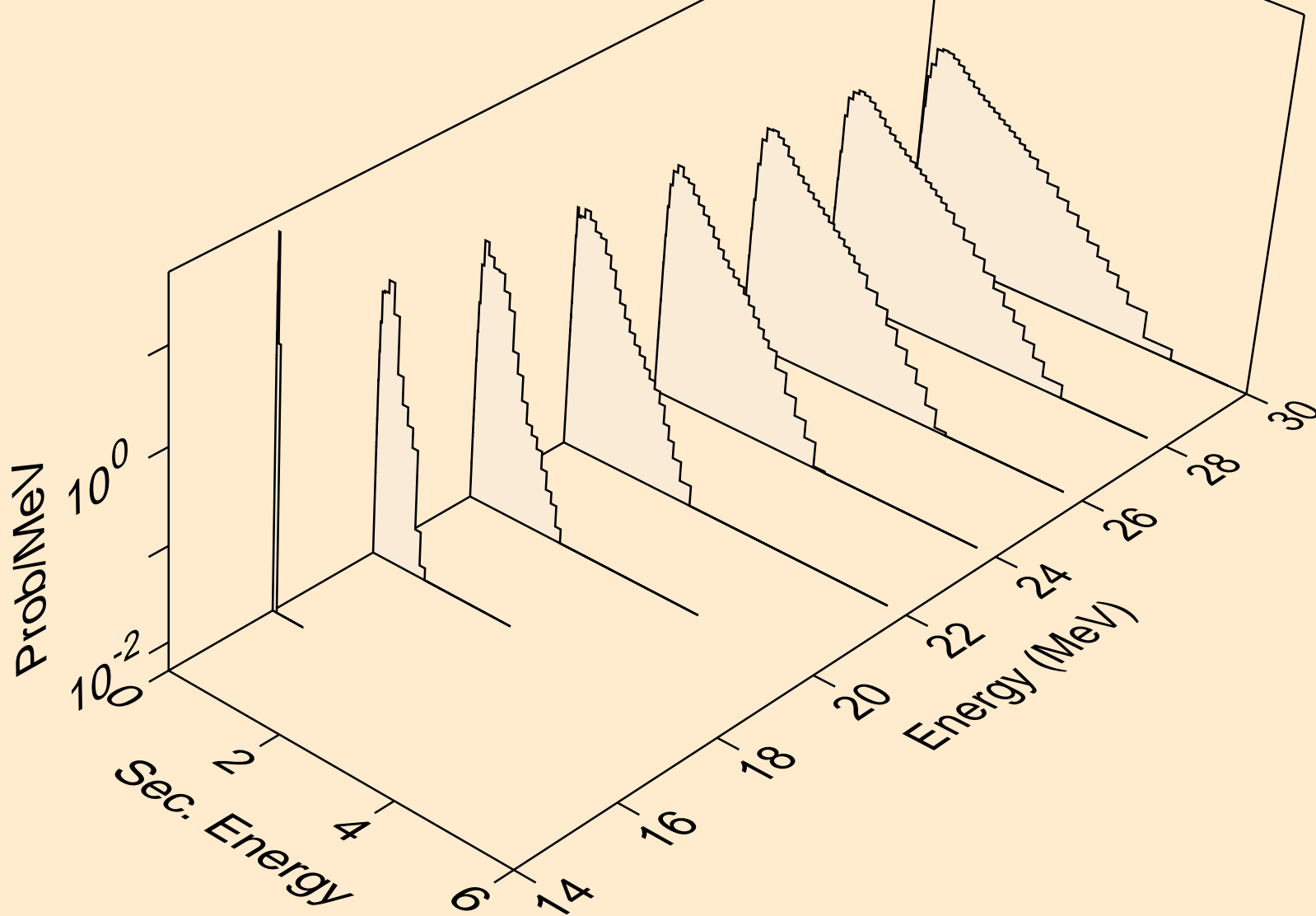


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d

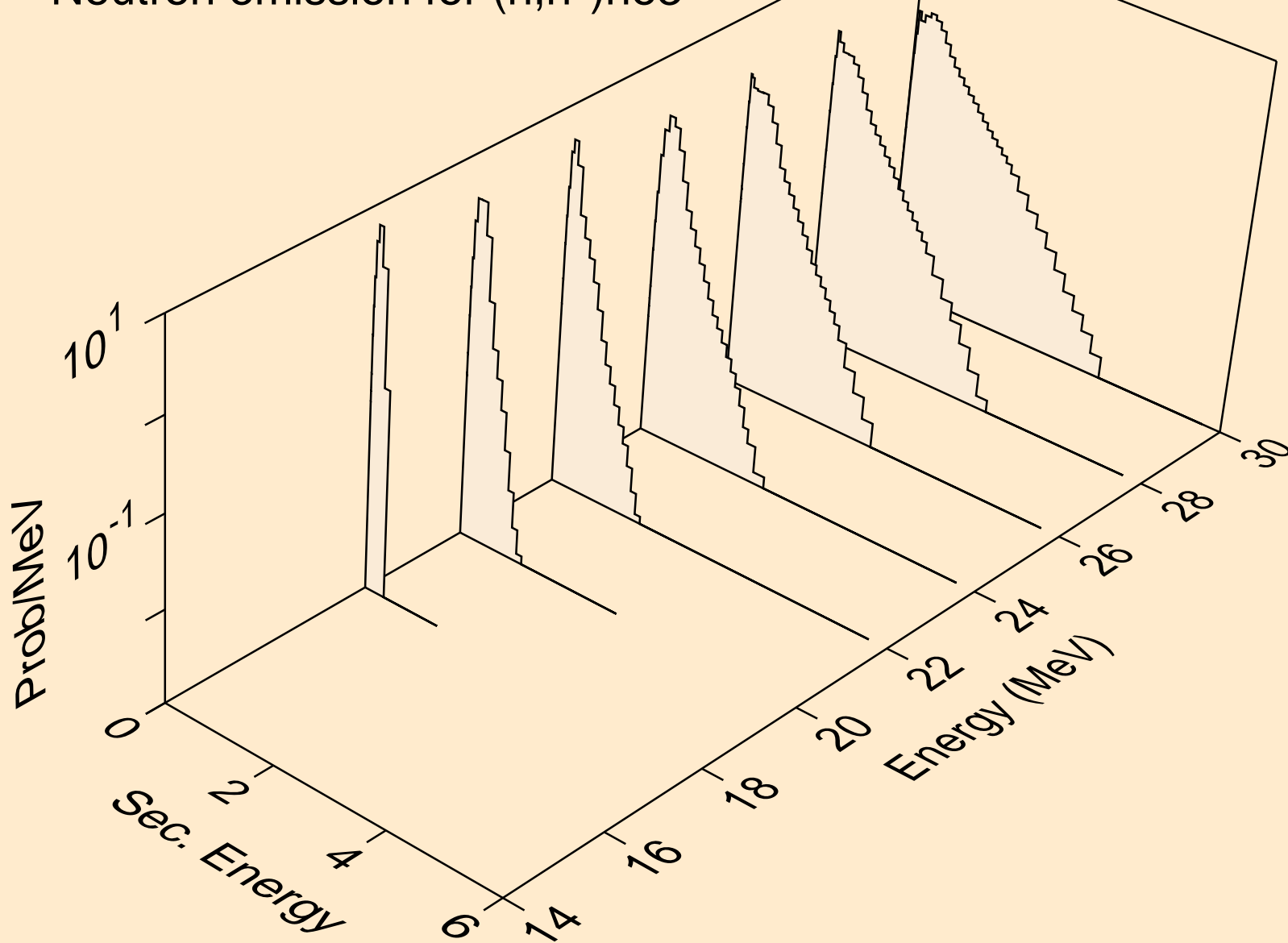




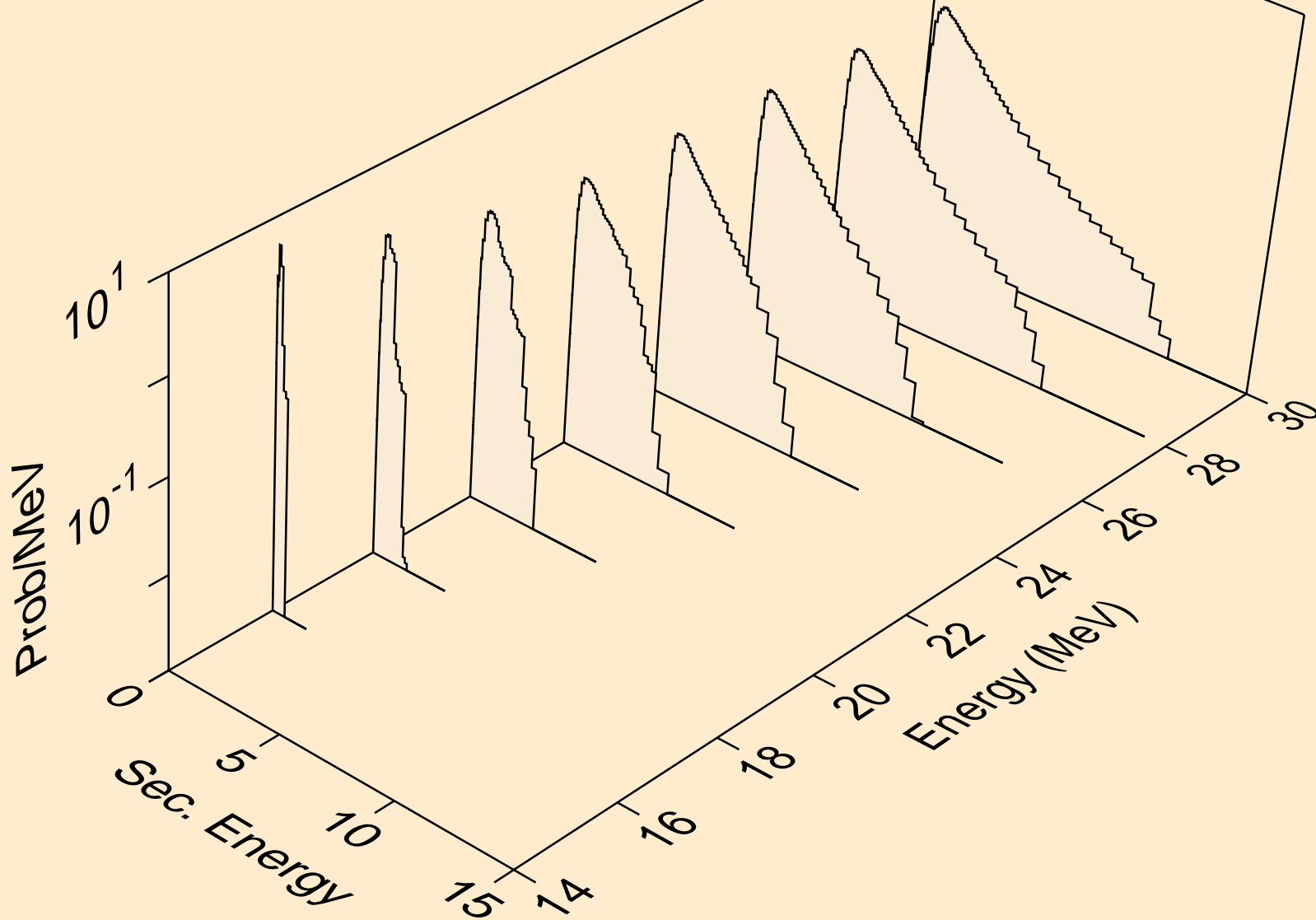
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



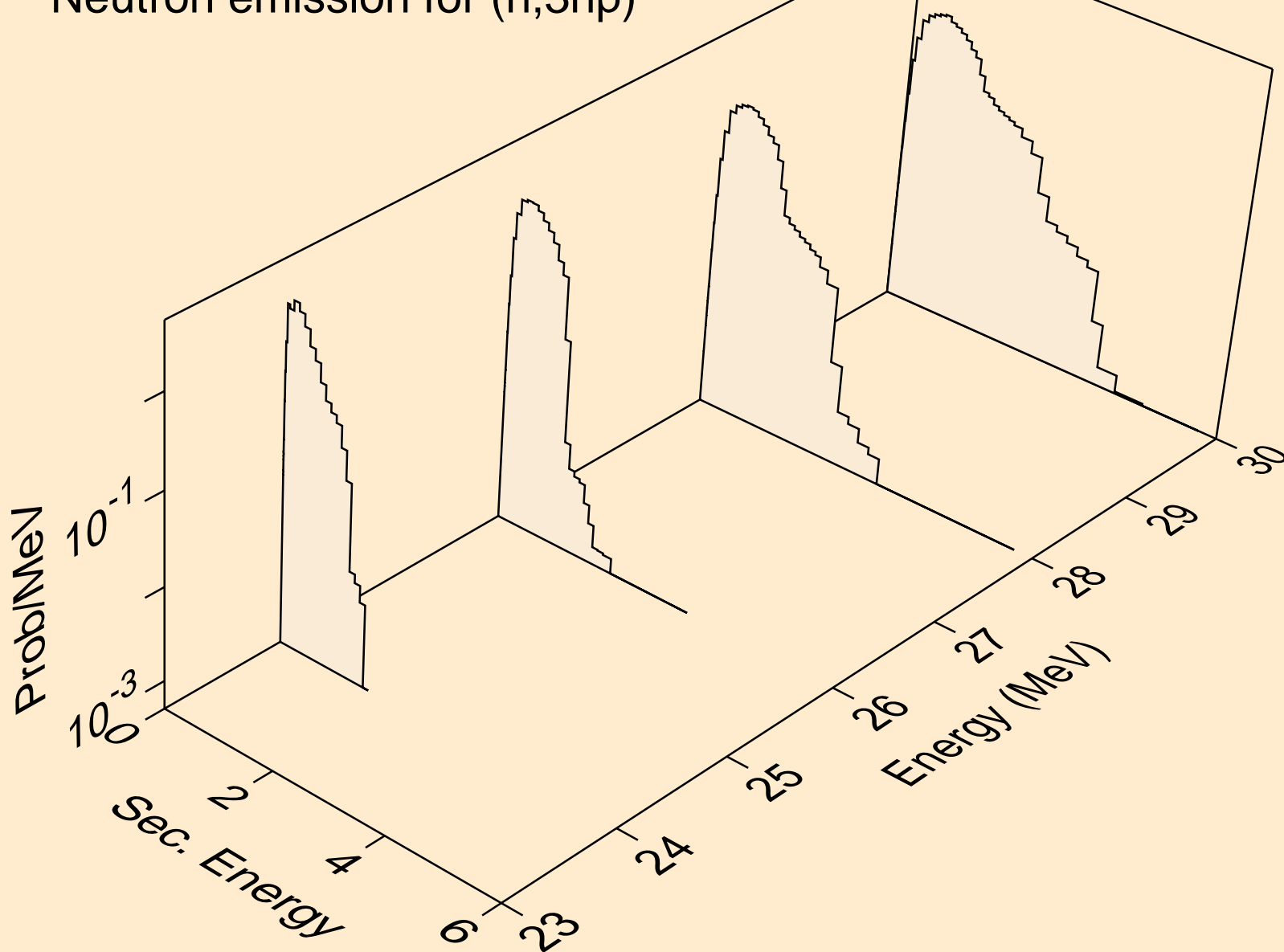
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



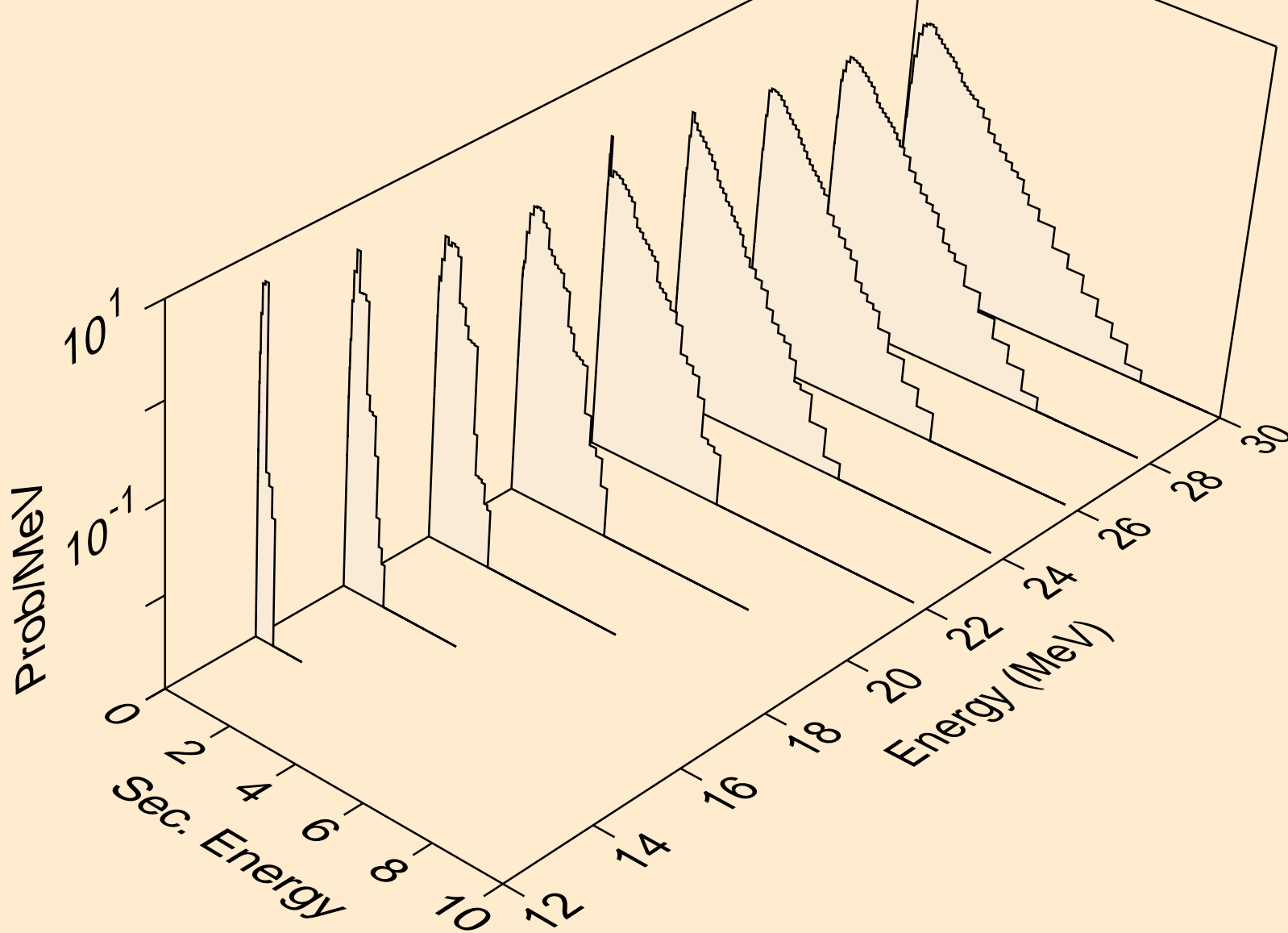
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



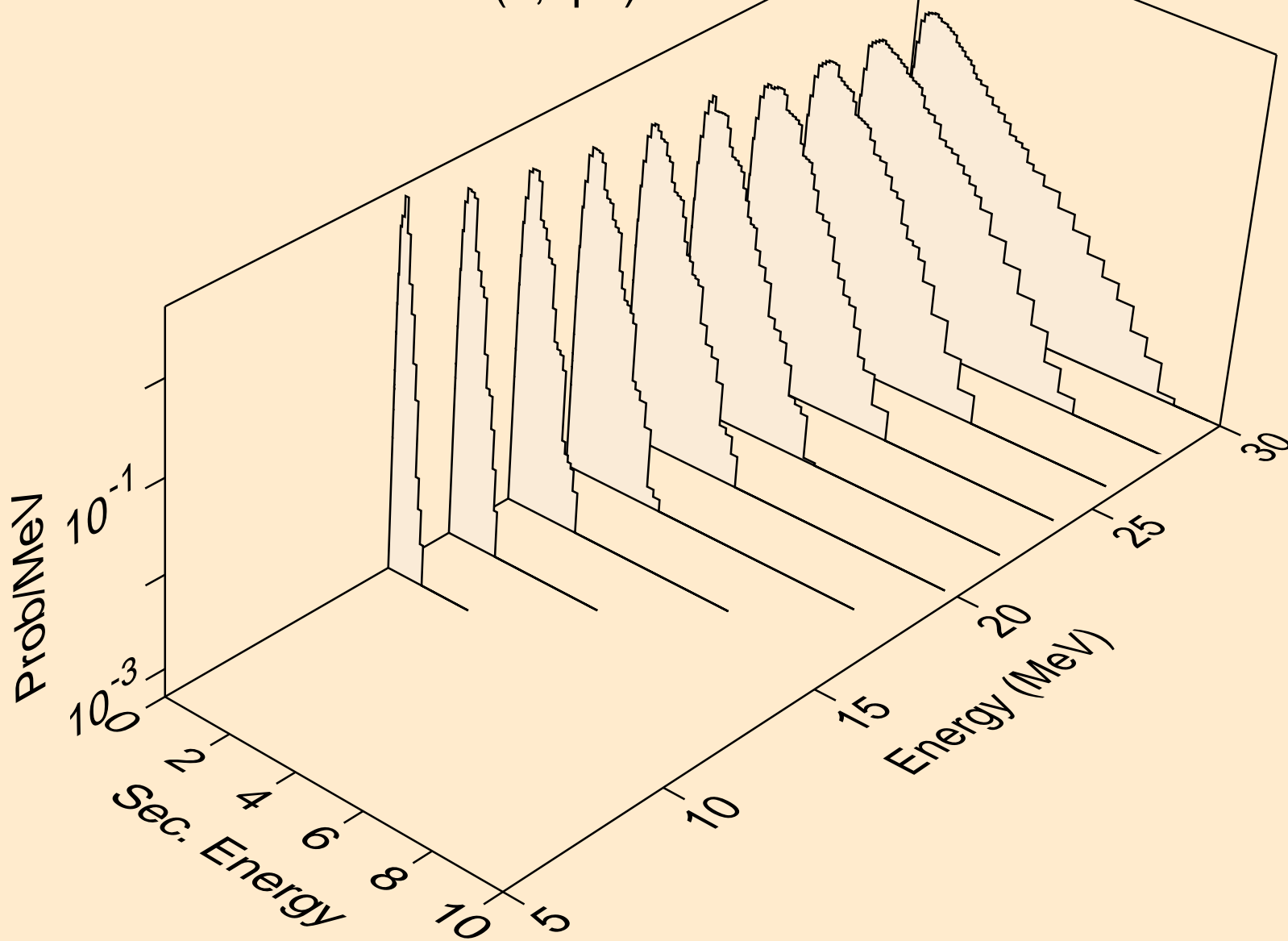
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



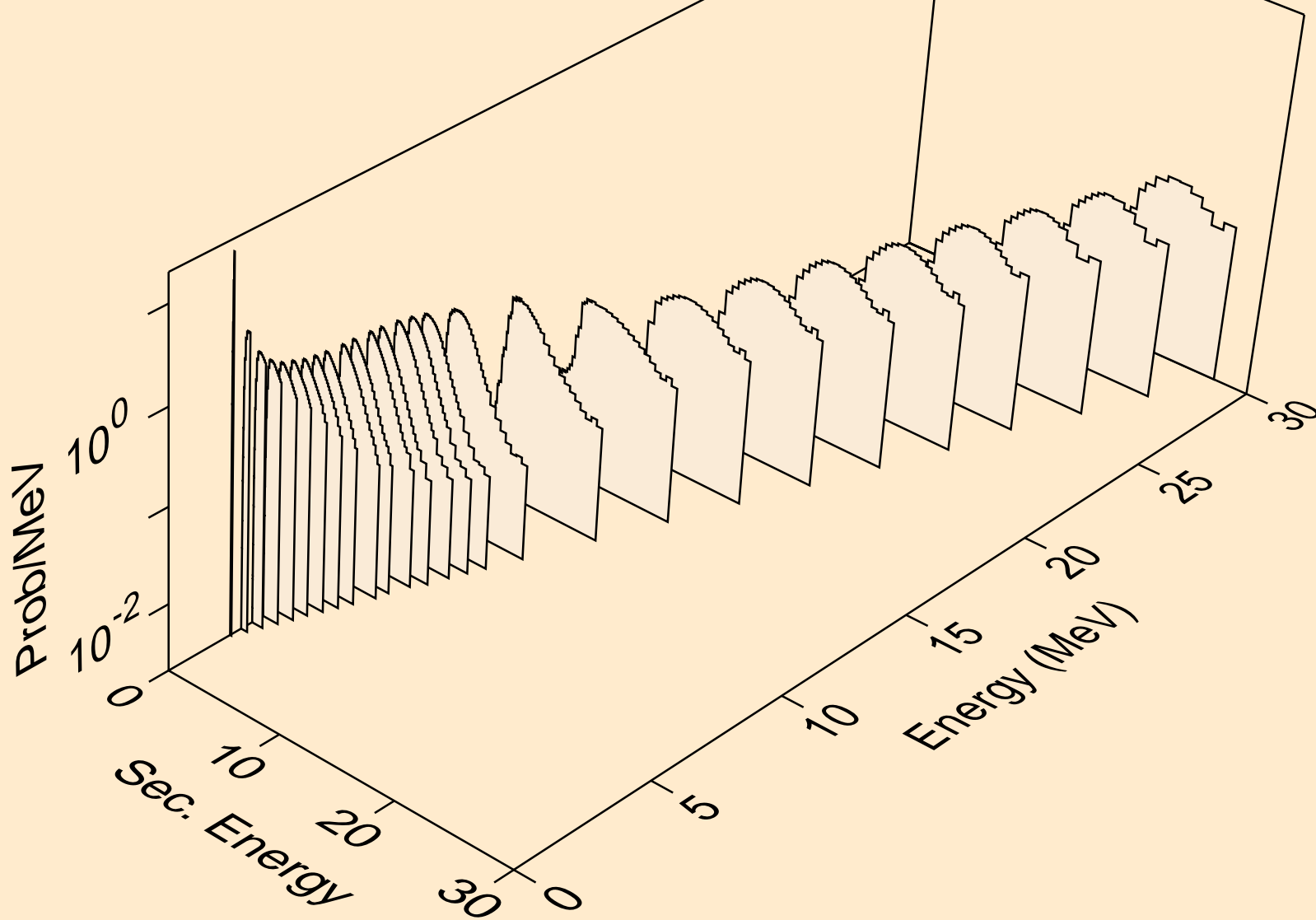
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



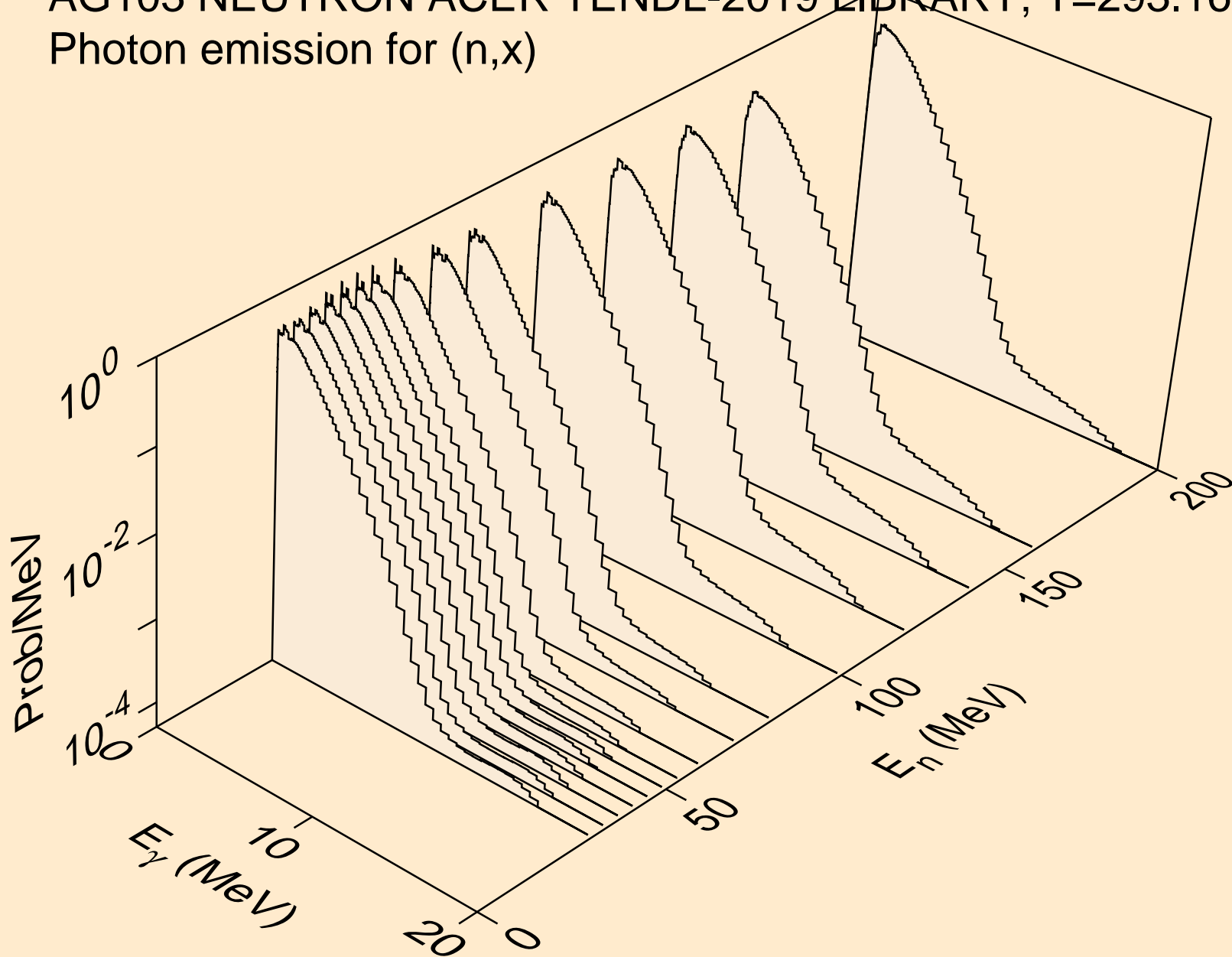
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)

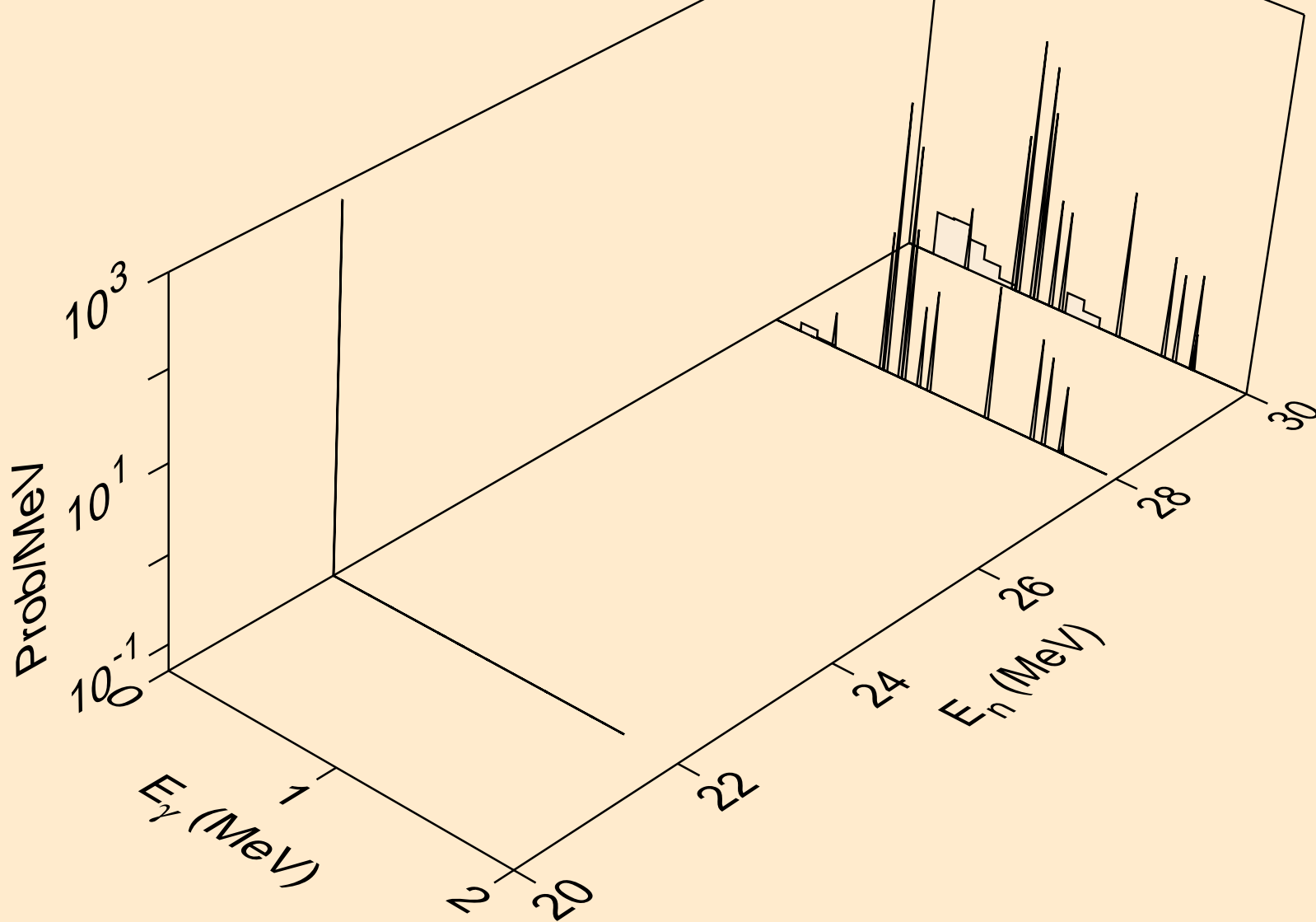


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)

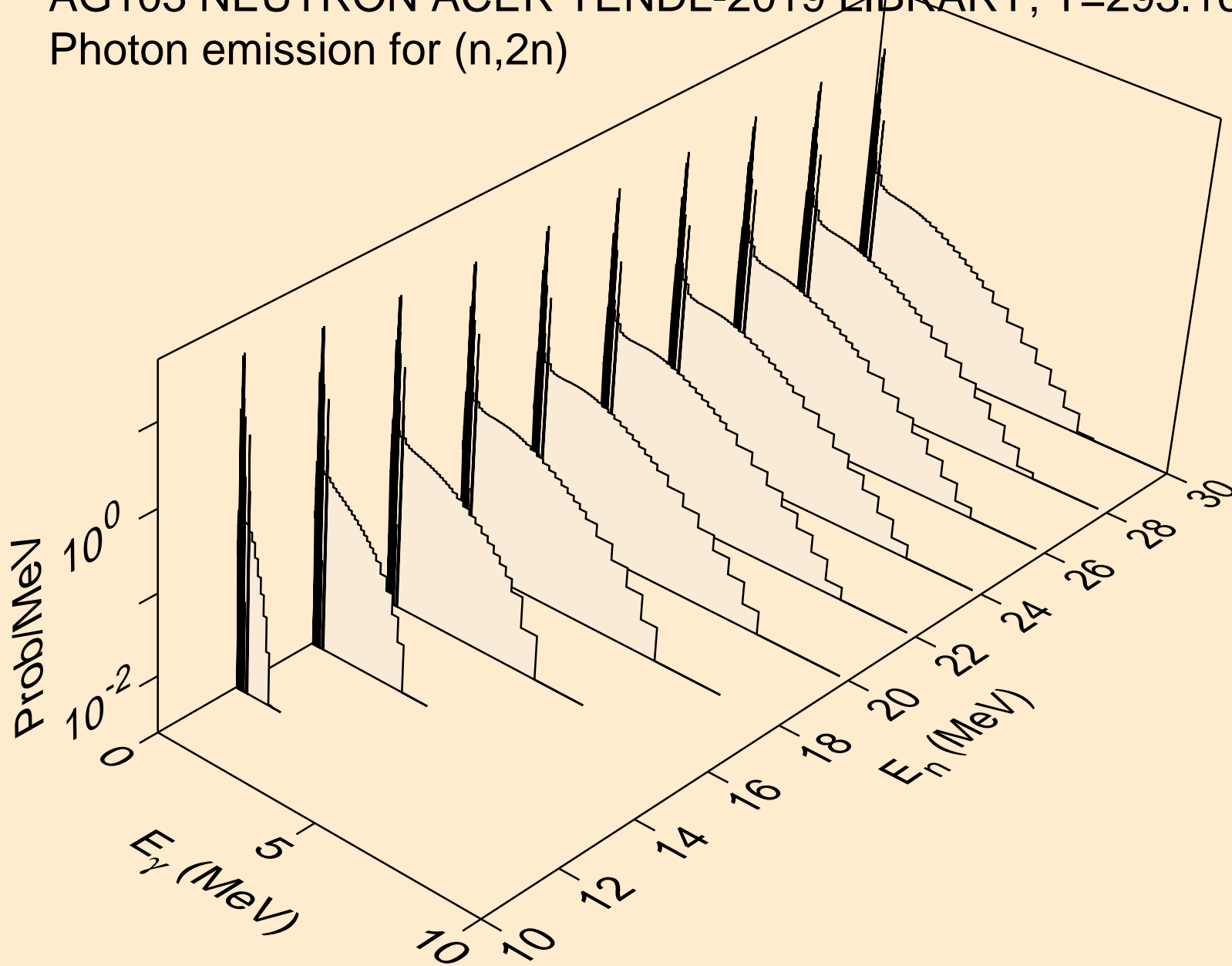




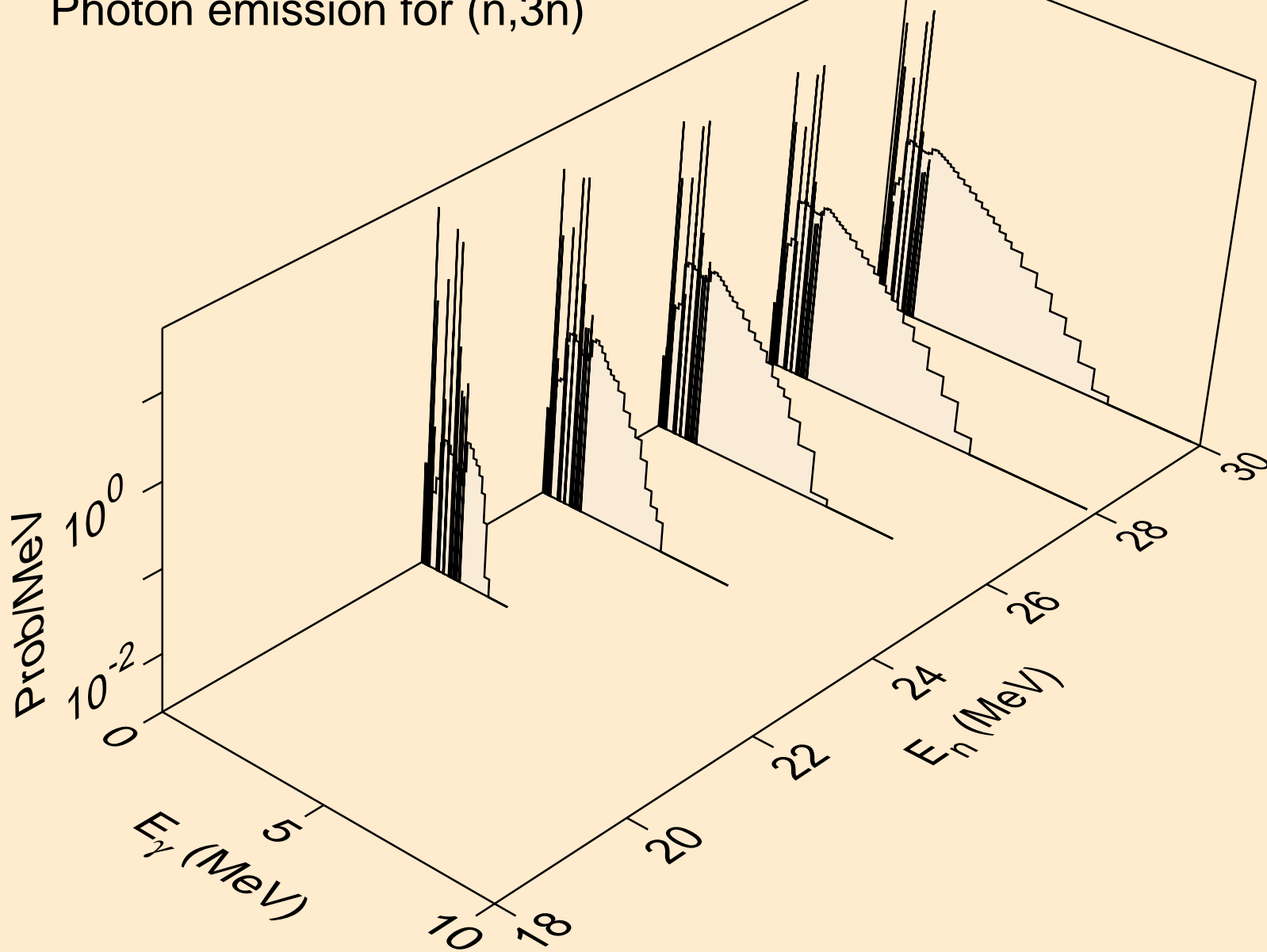
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



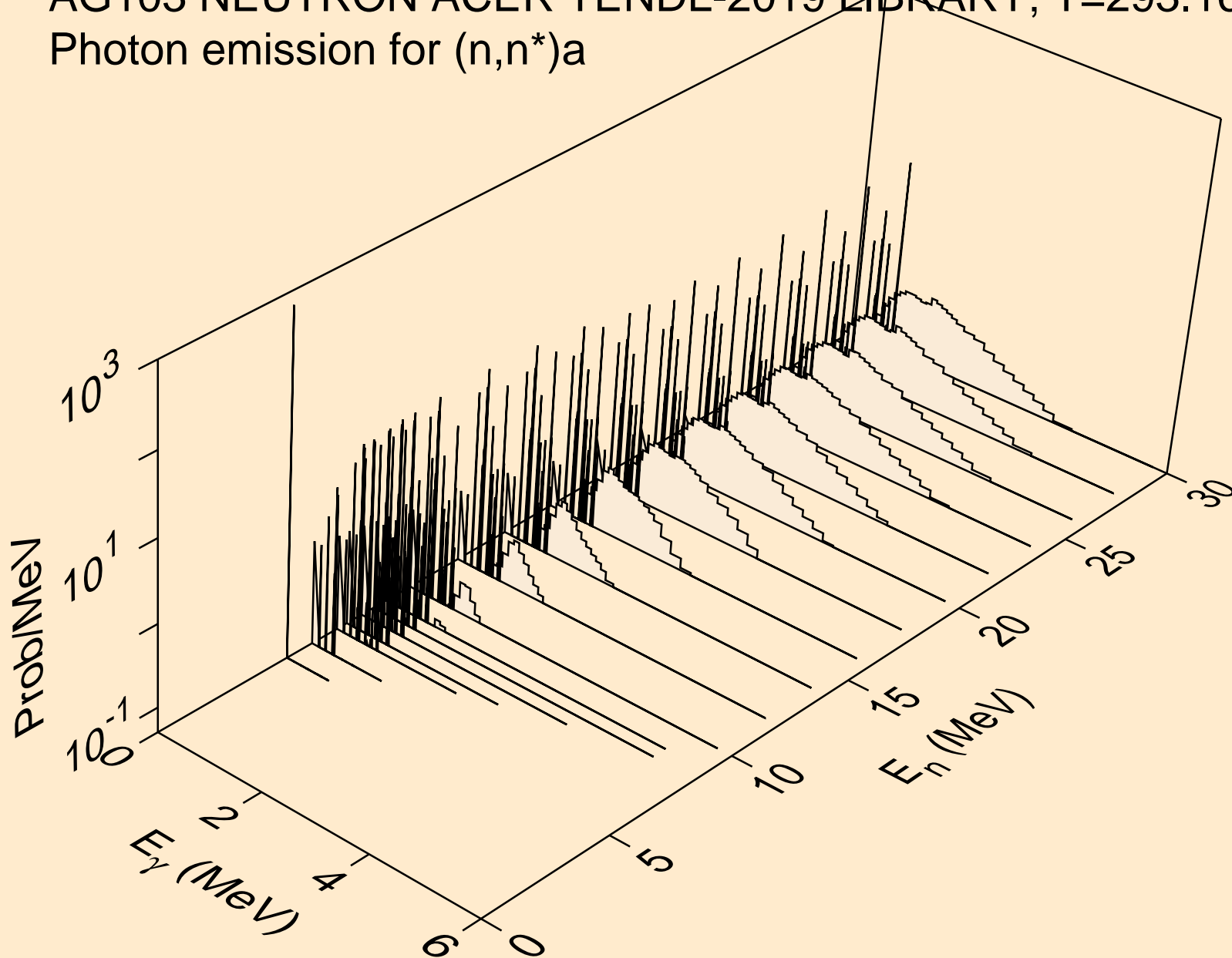
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



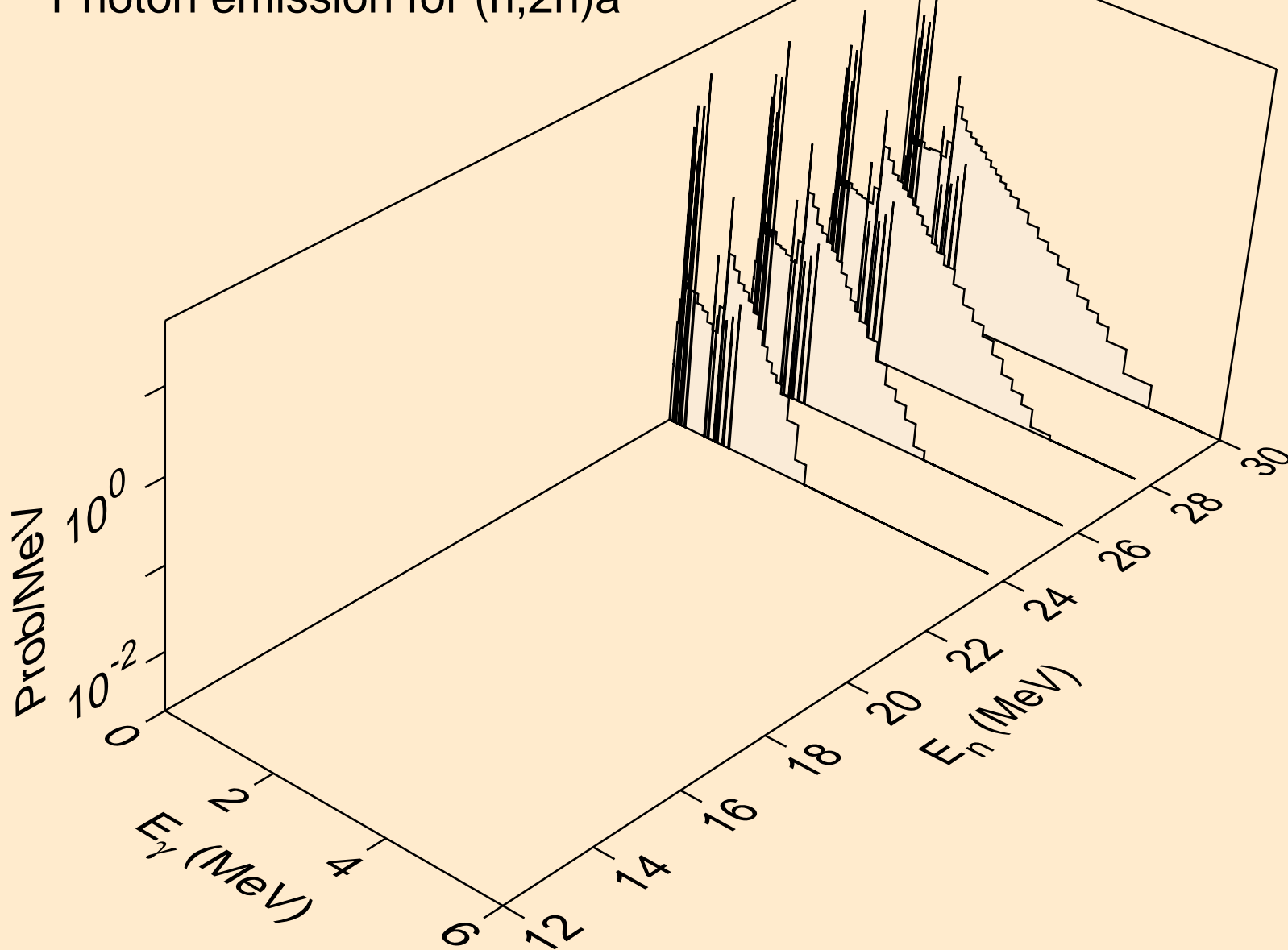
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



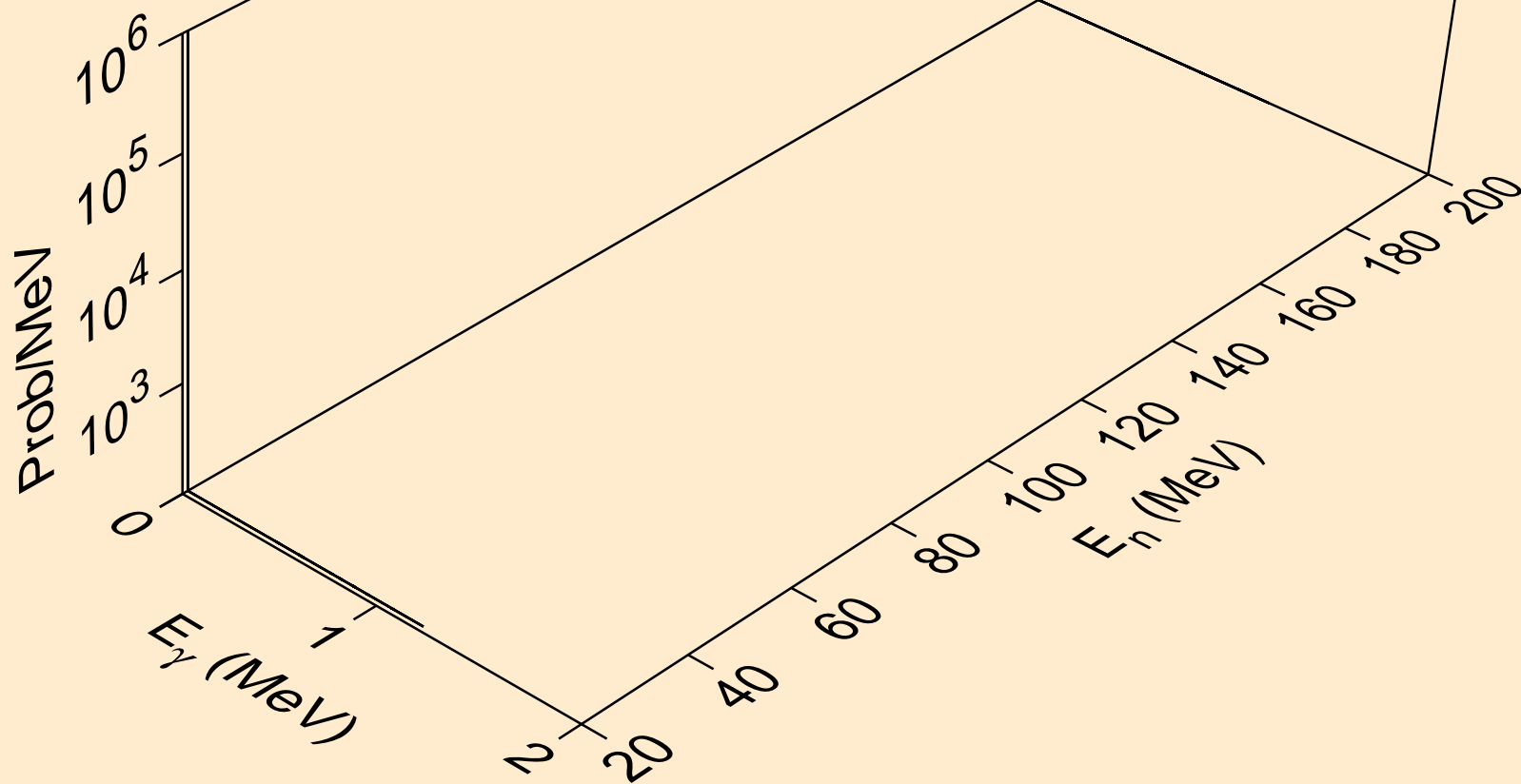
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



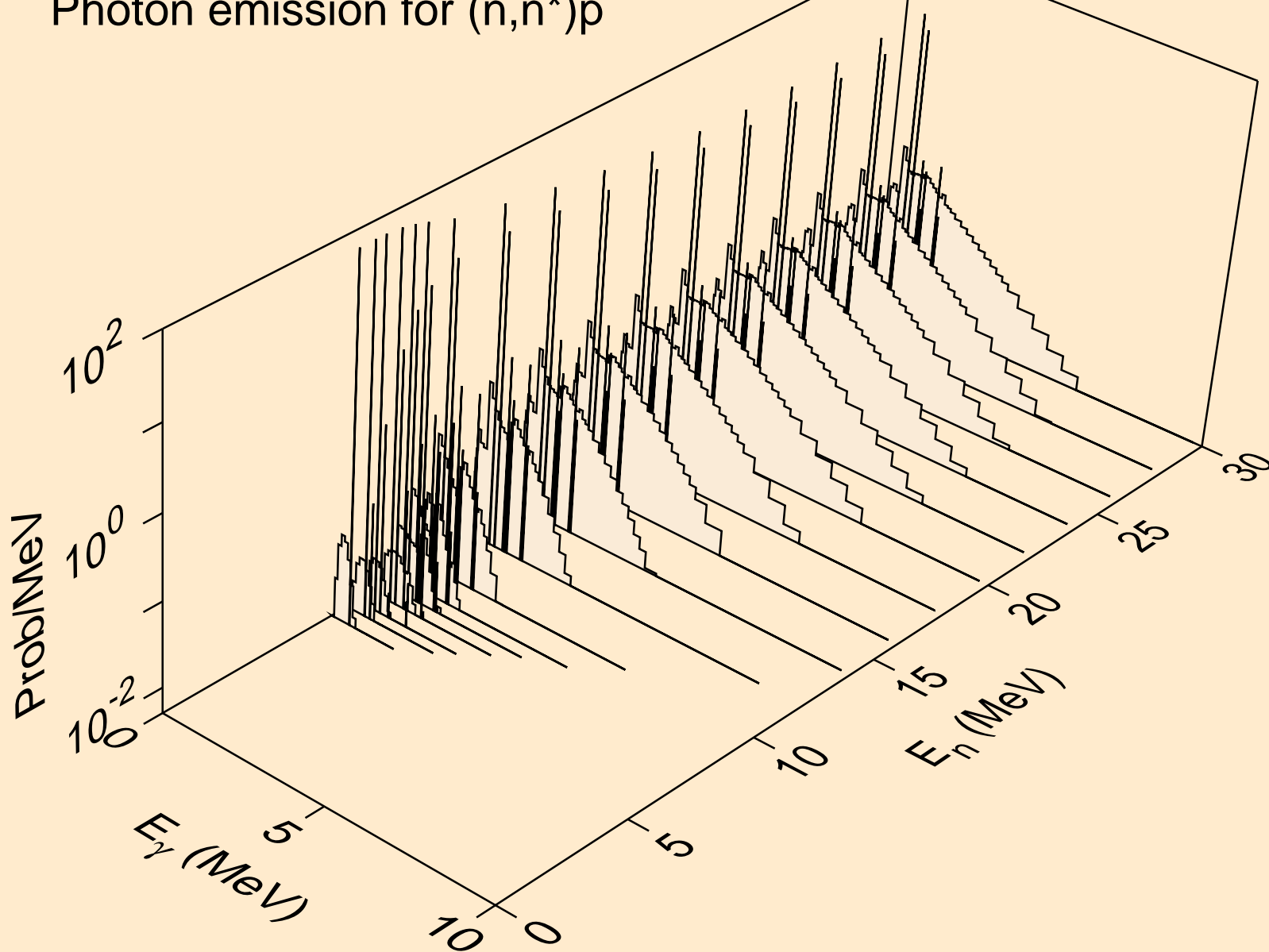
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



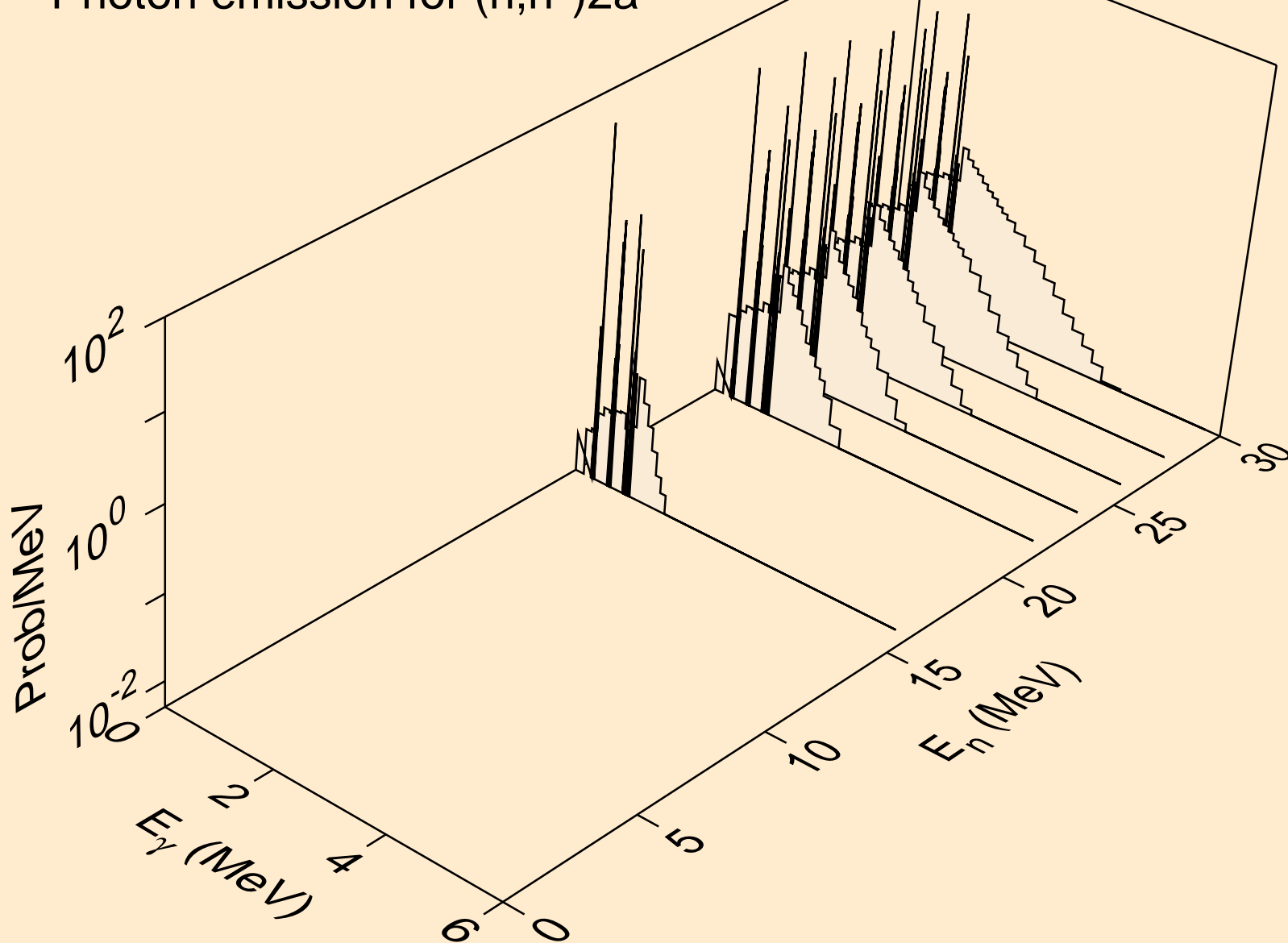
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p

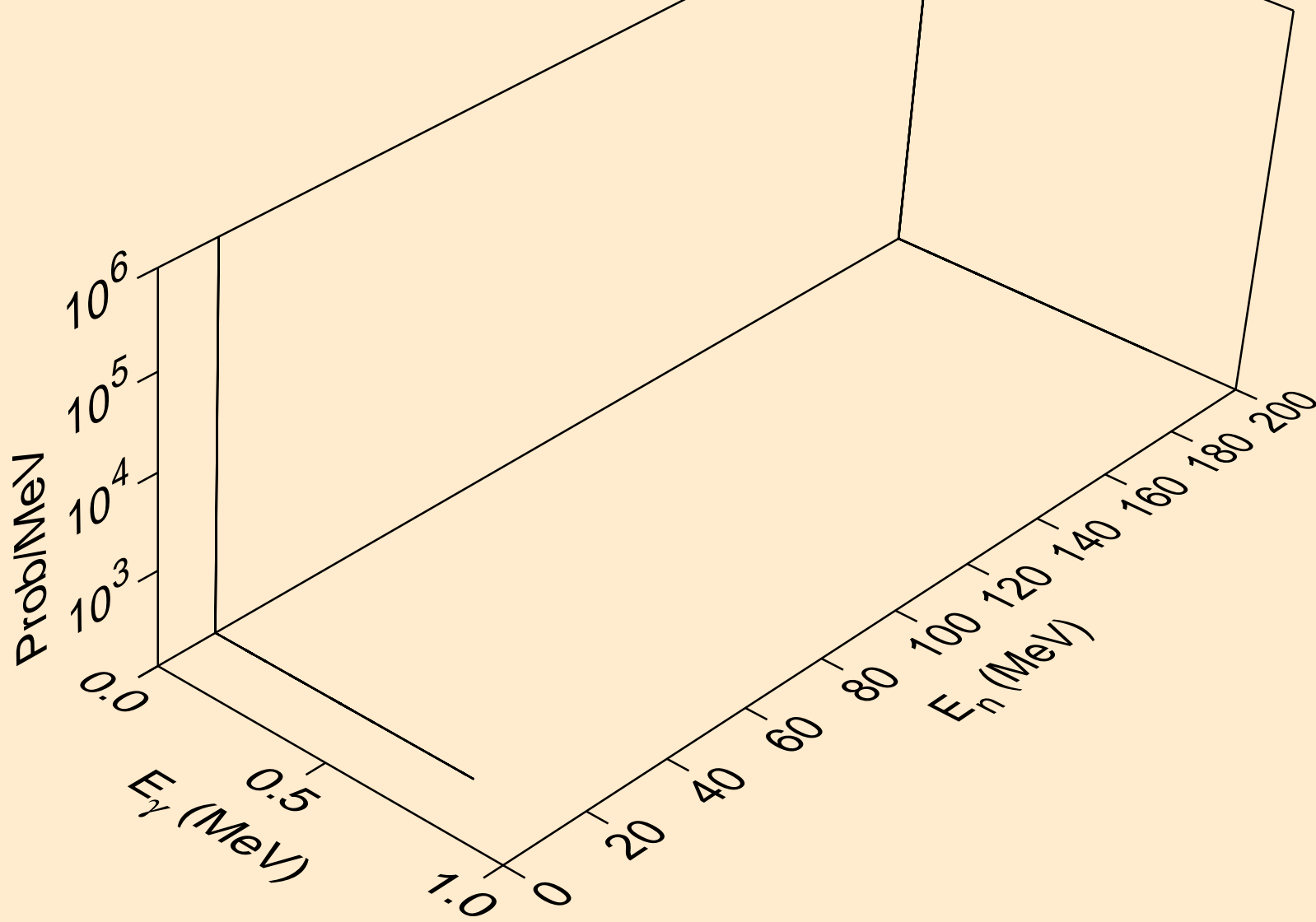


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a

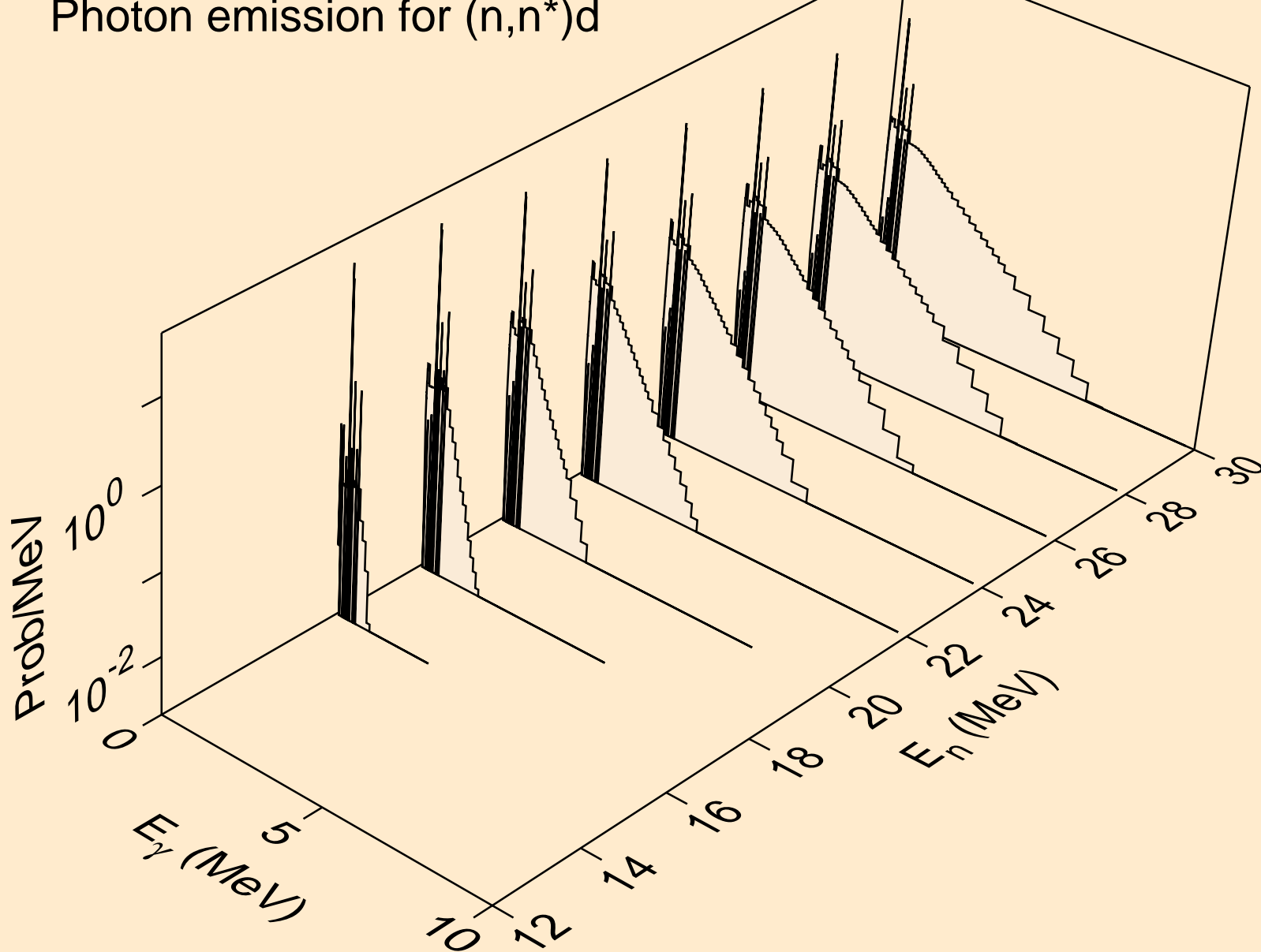




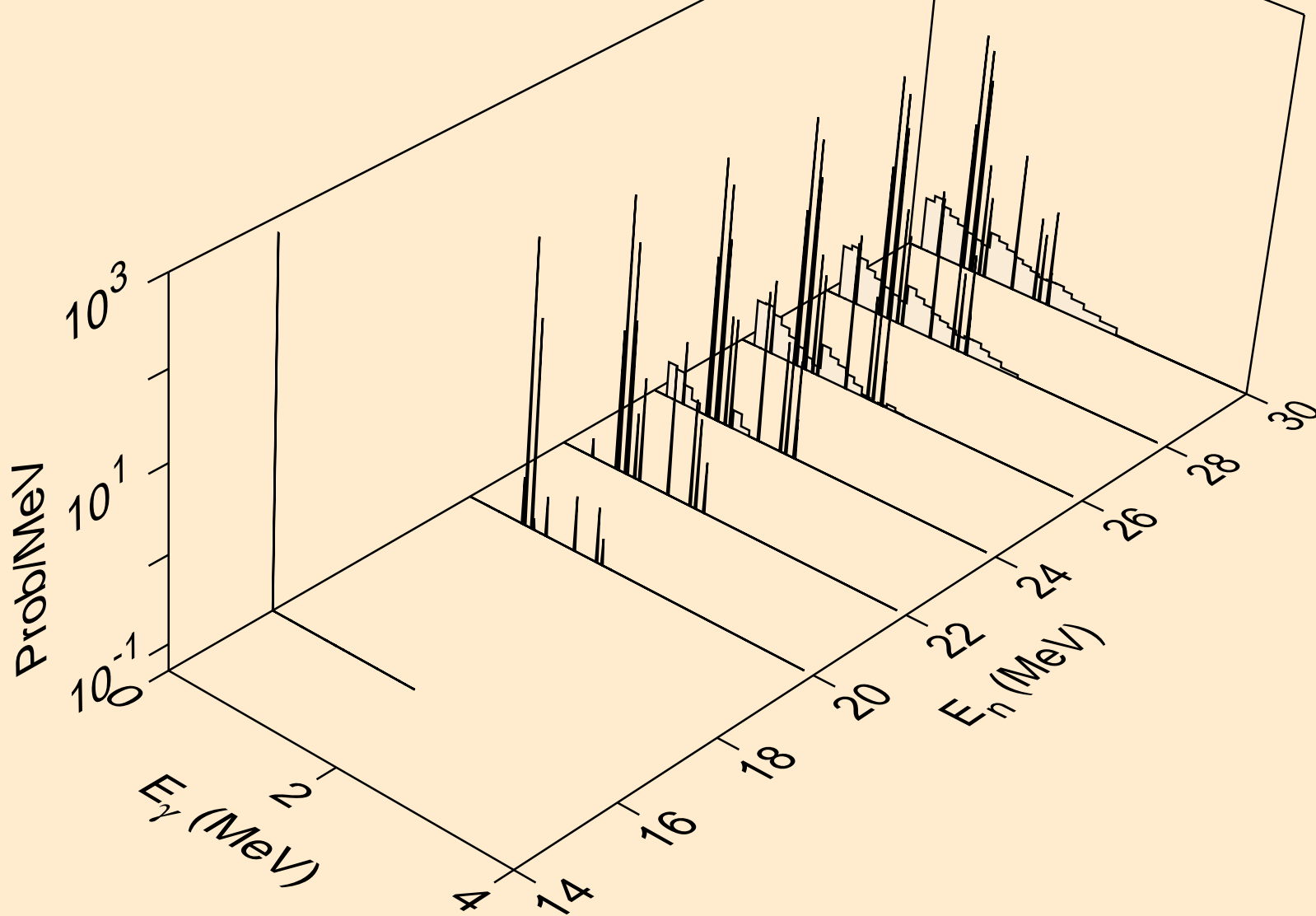
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)2a



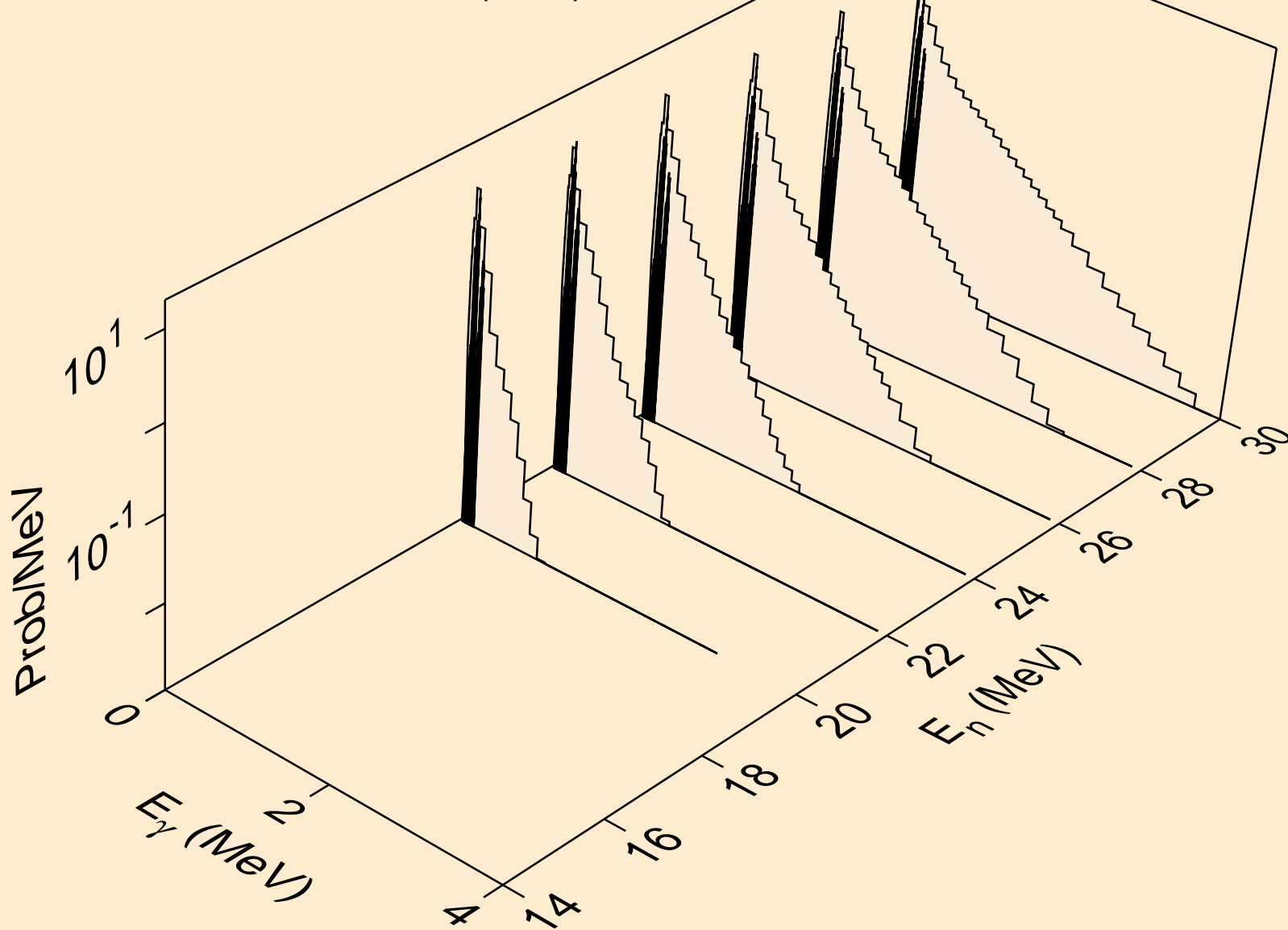
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



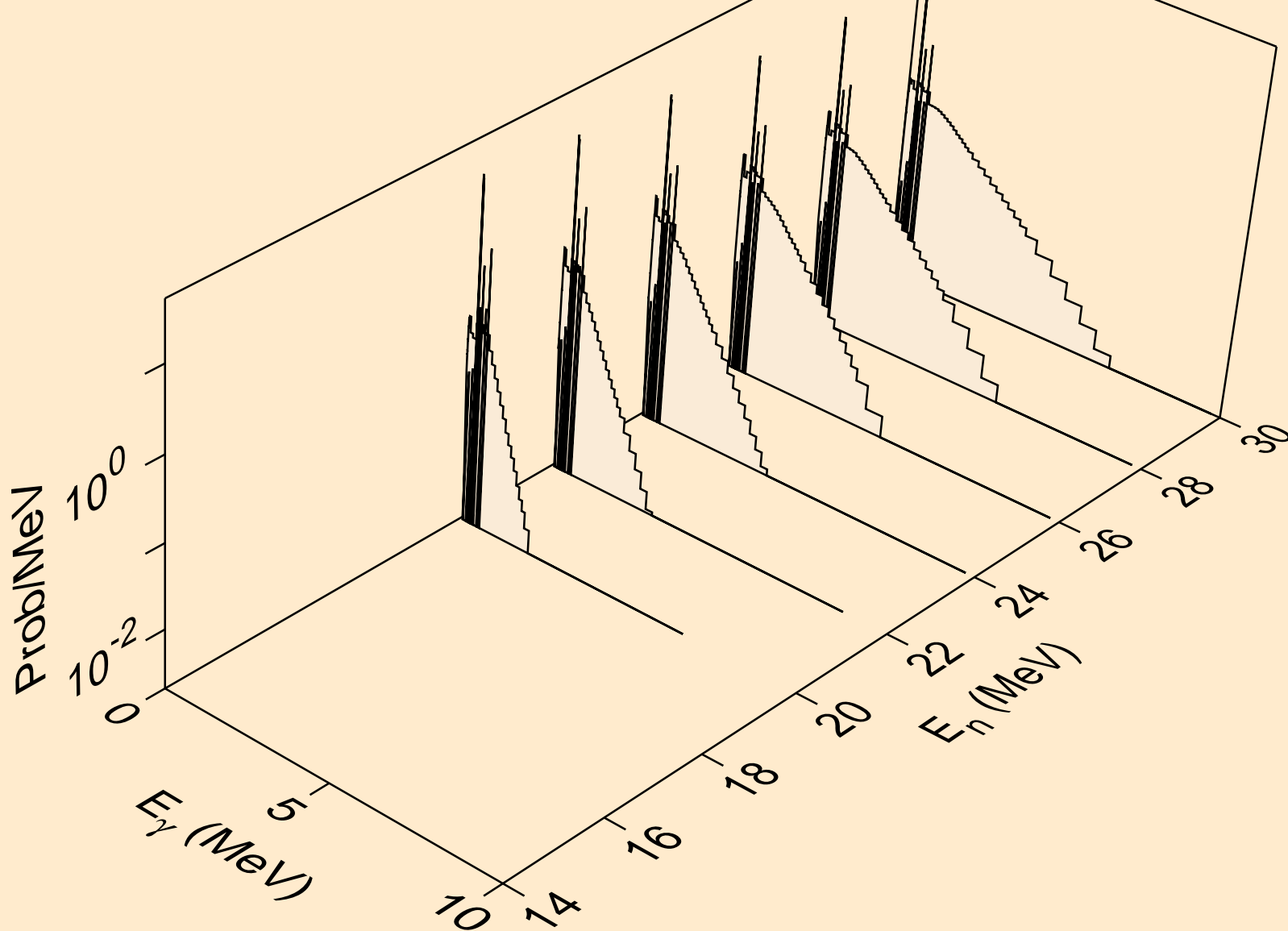
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



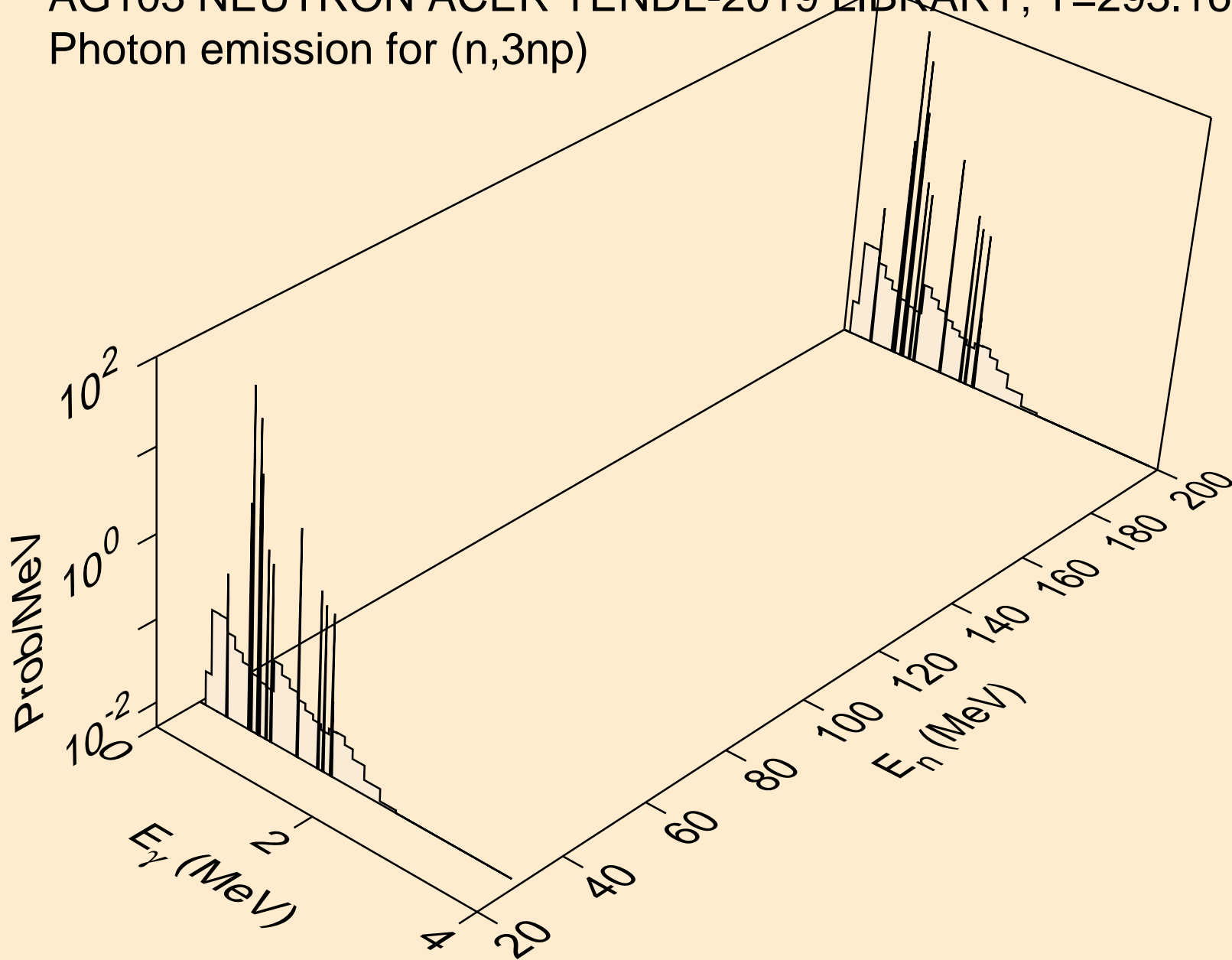
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



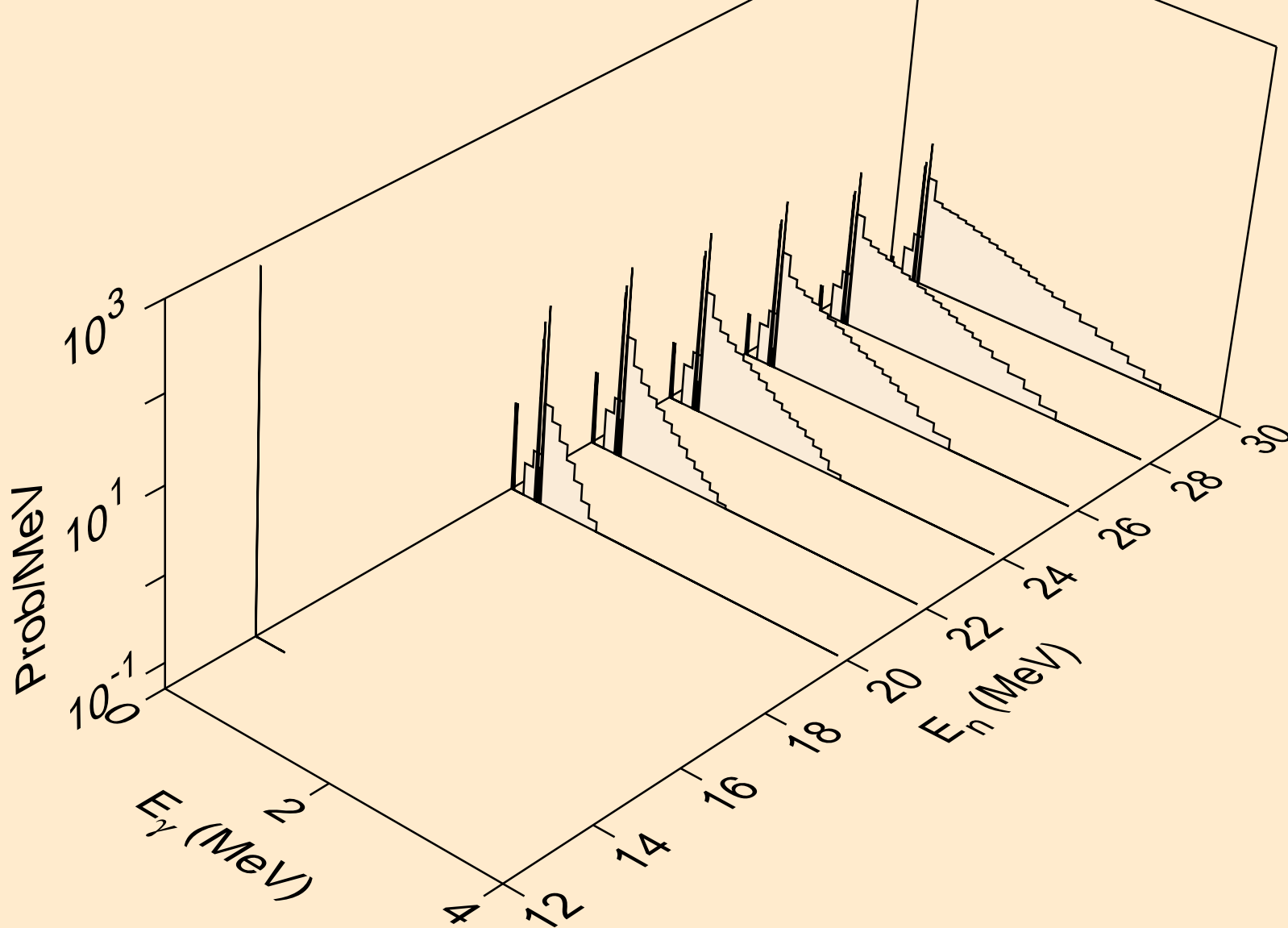
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



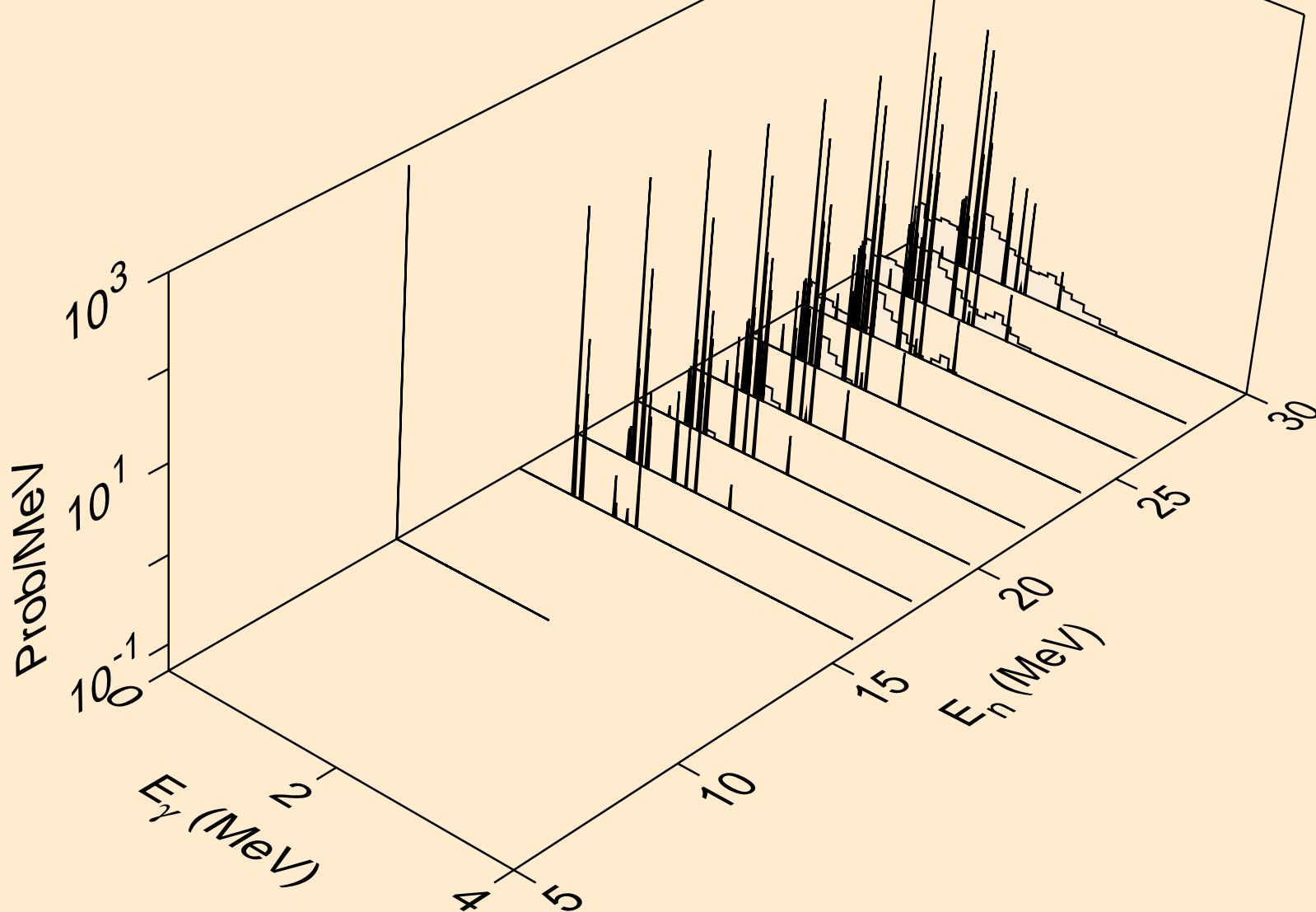
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)

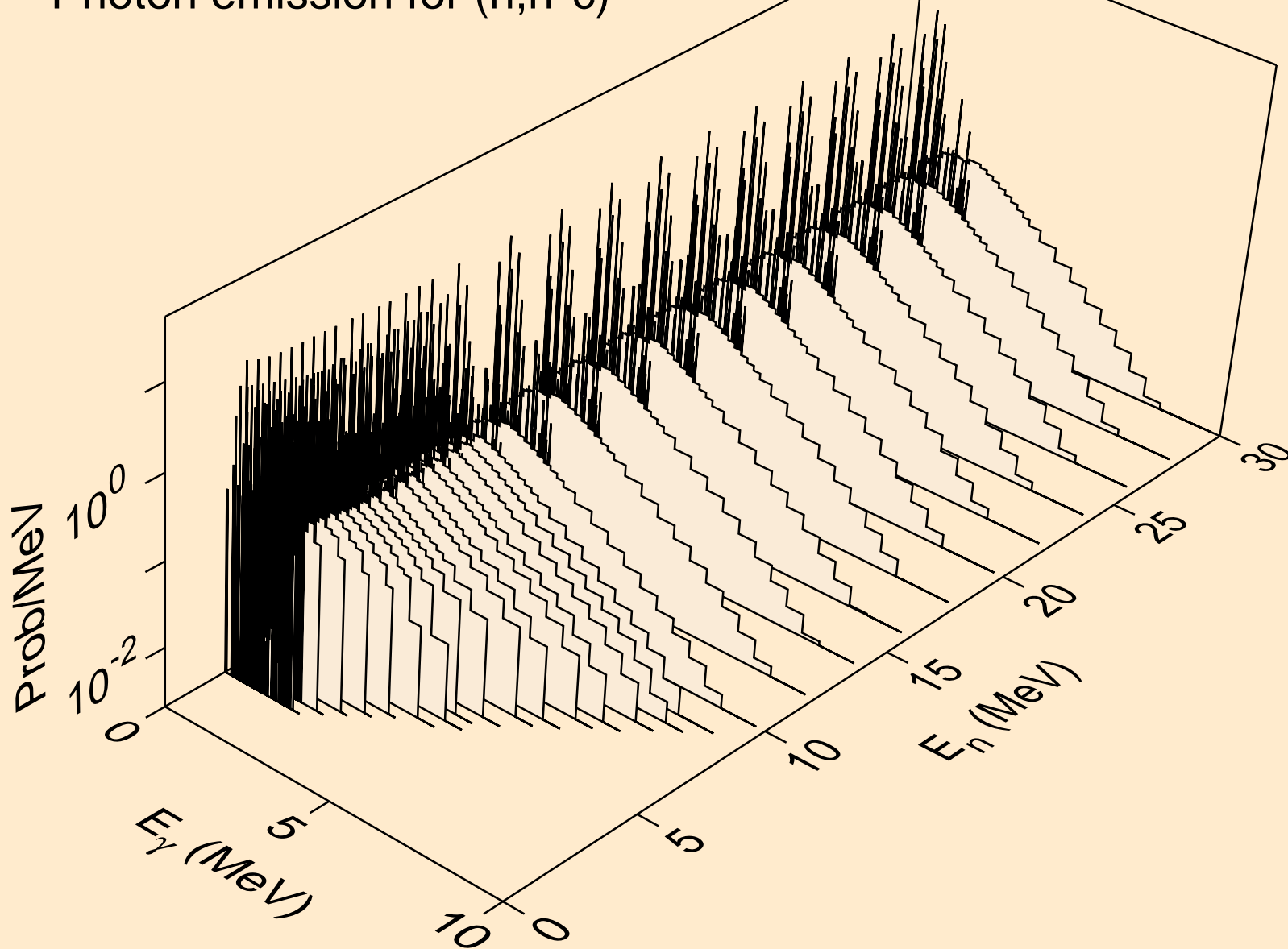


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)

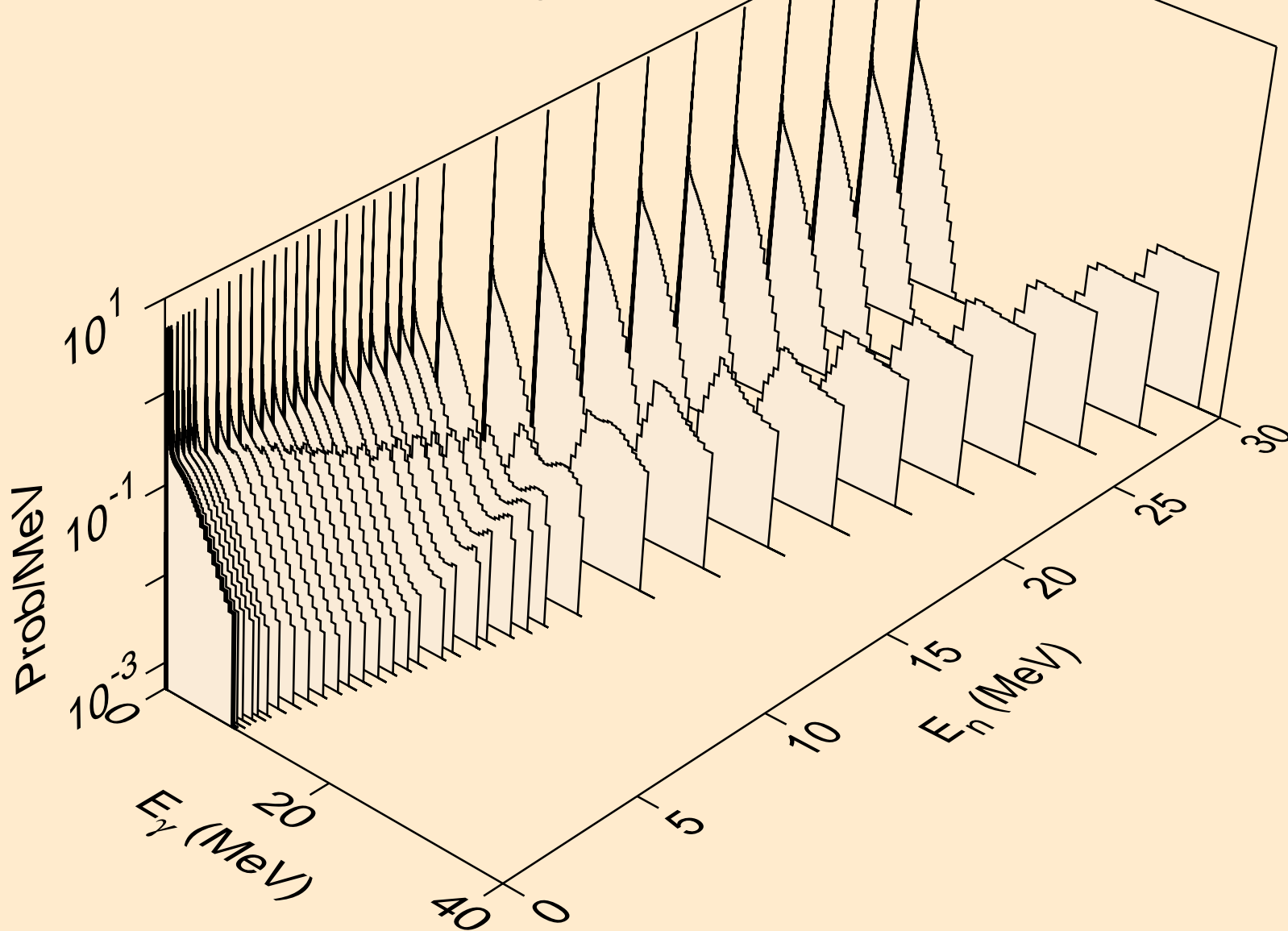




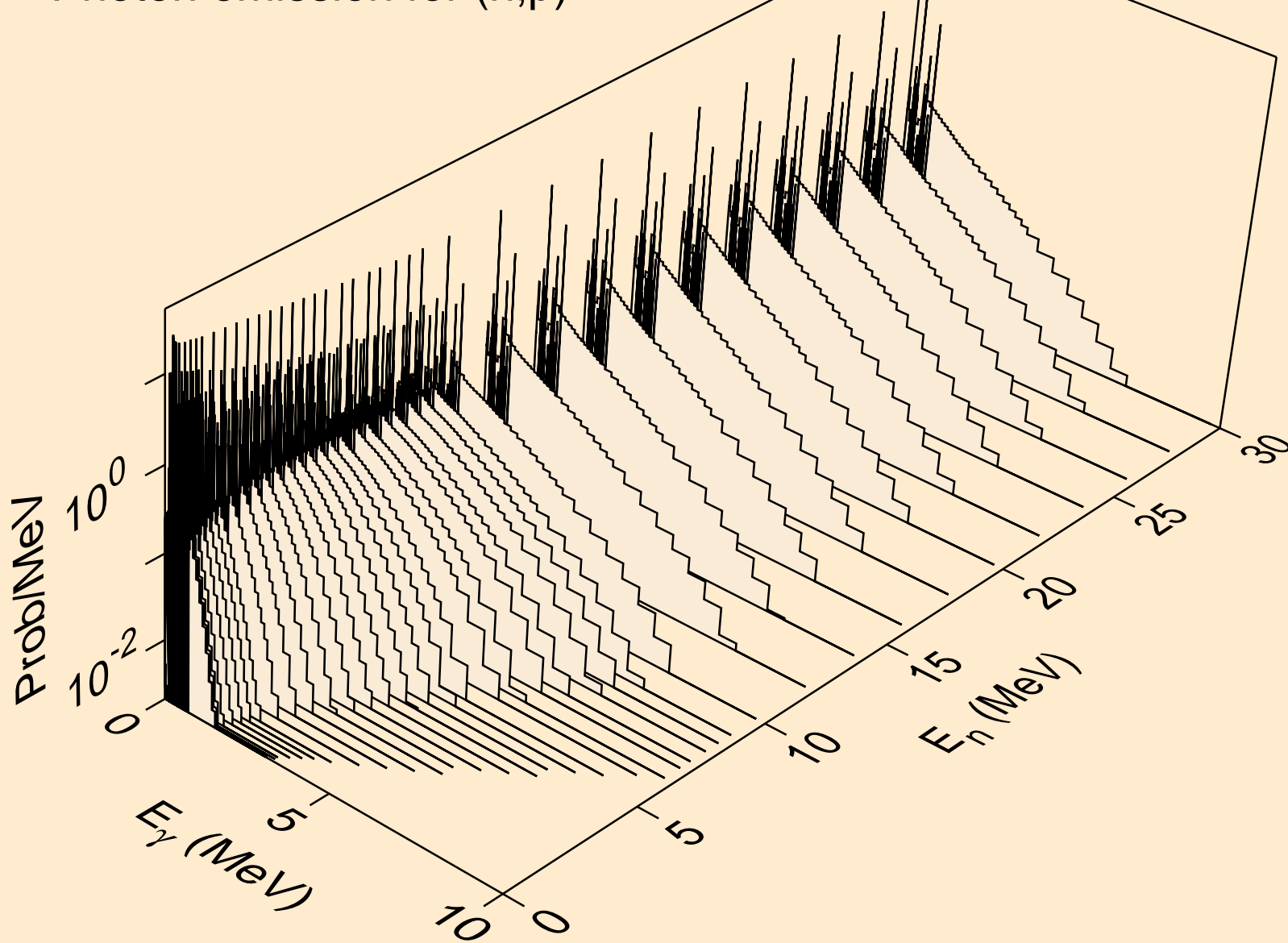
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



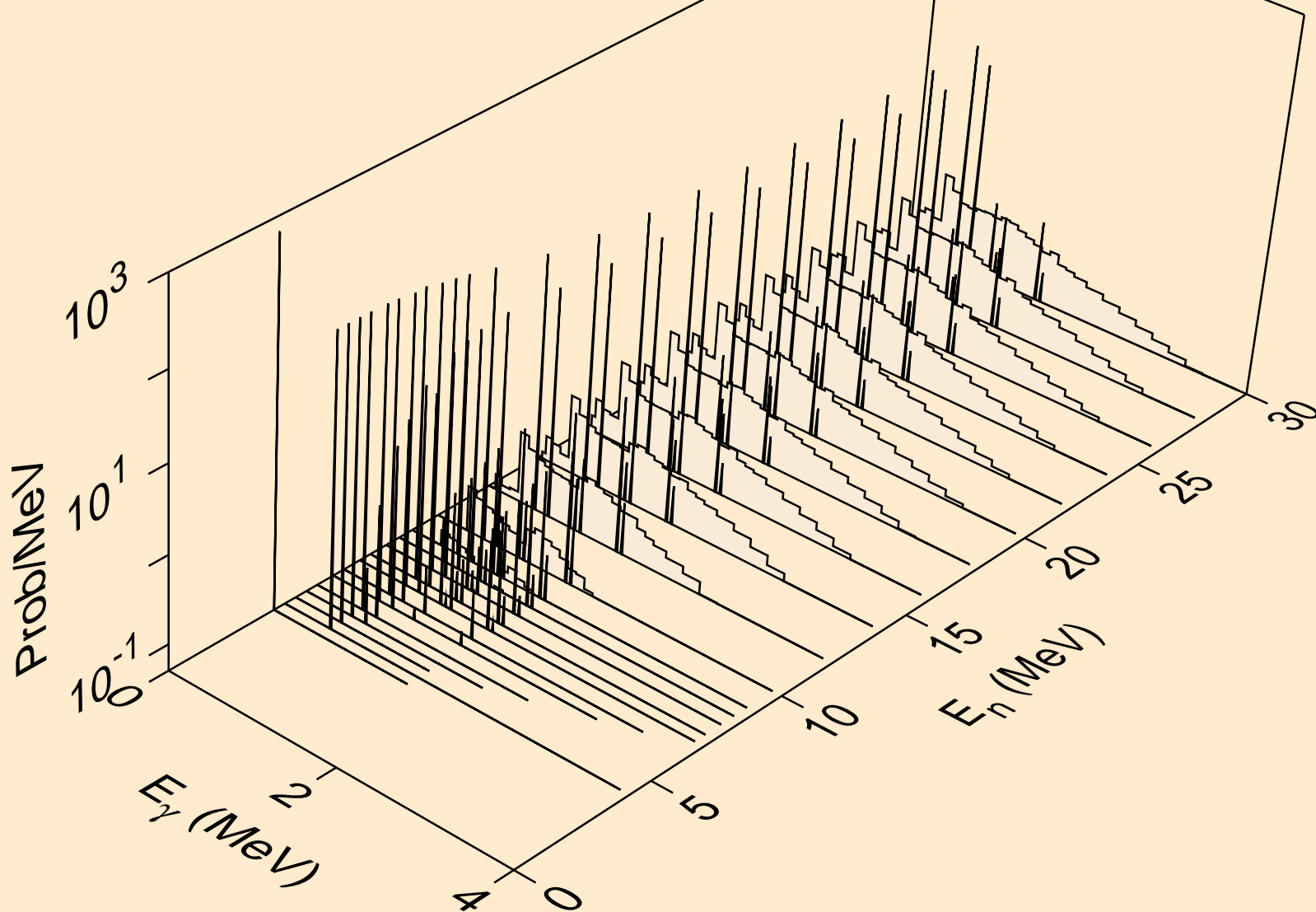
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



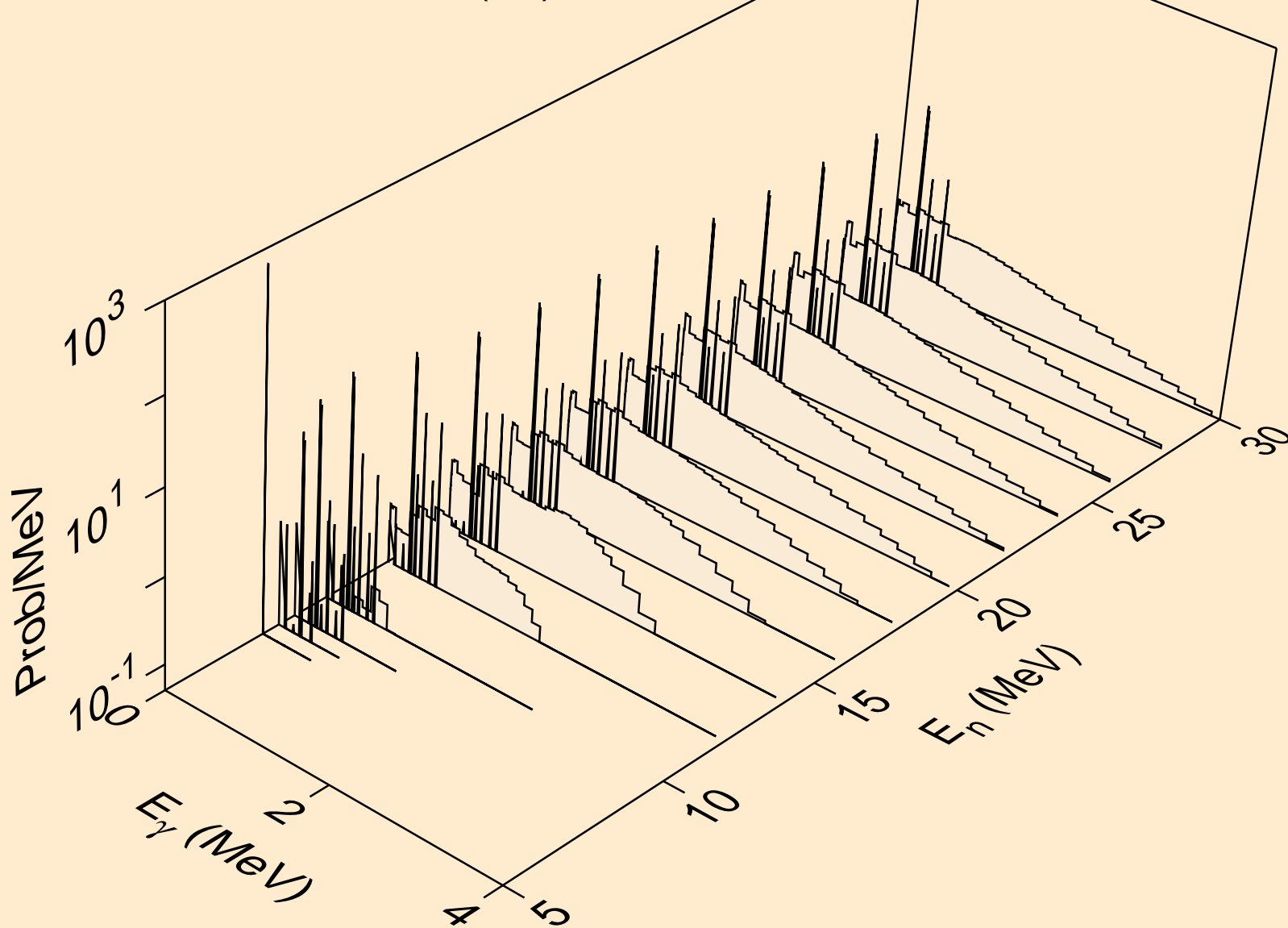
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



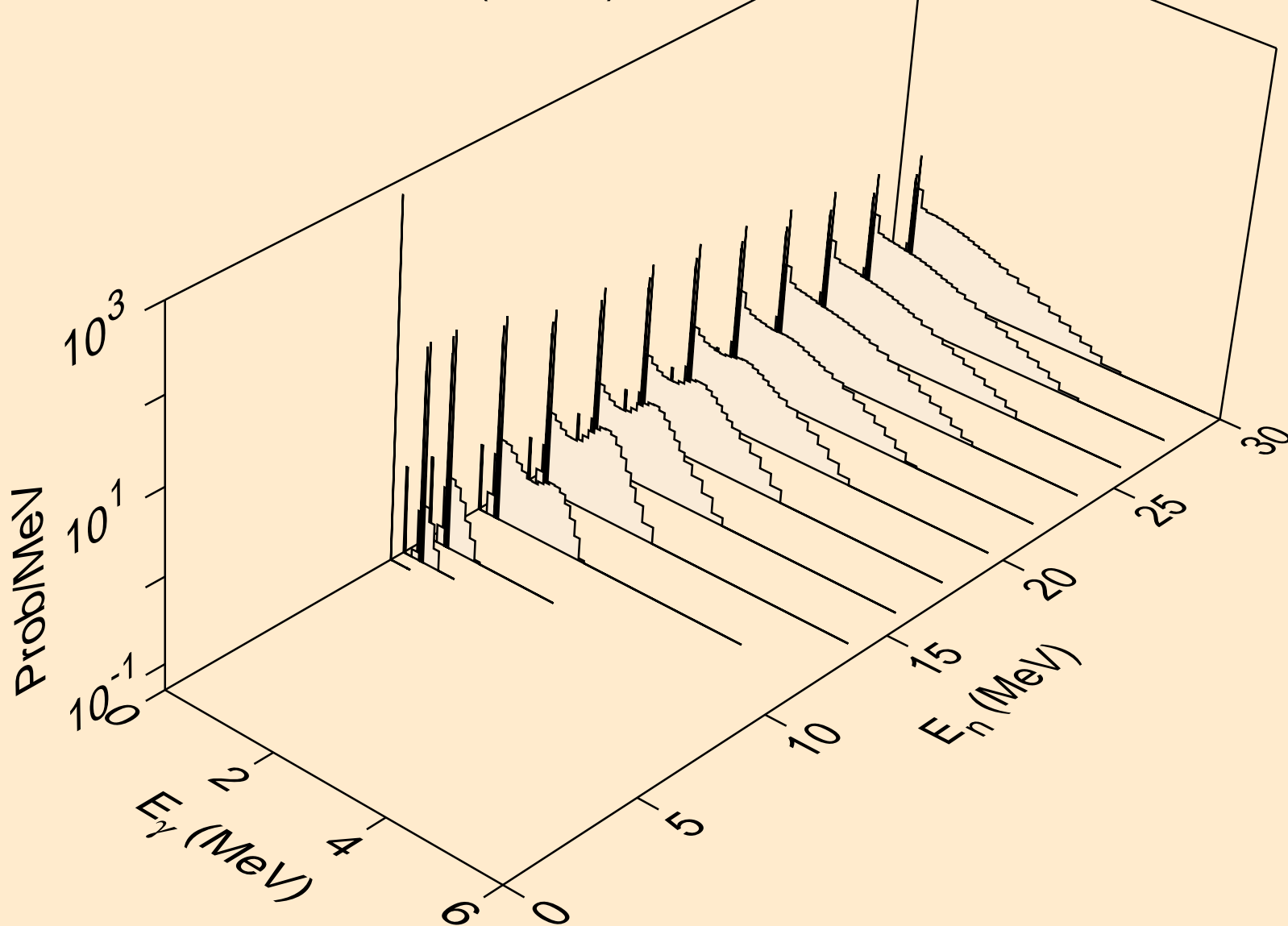
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



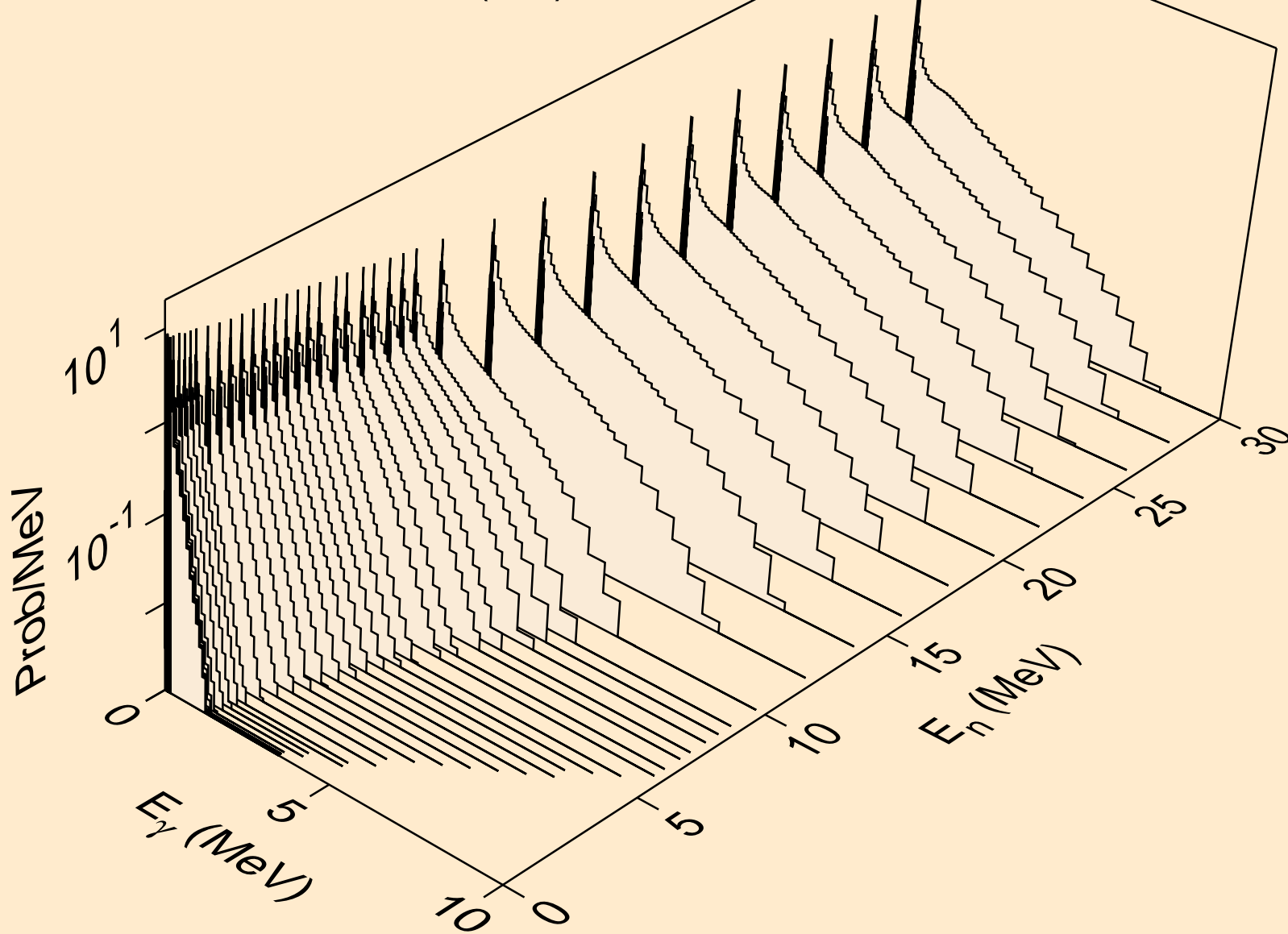
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



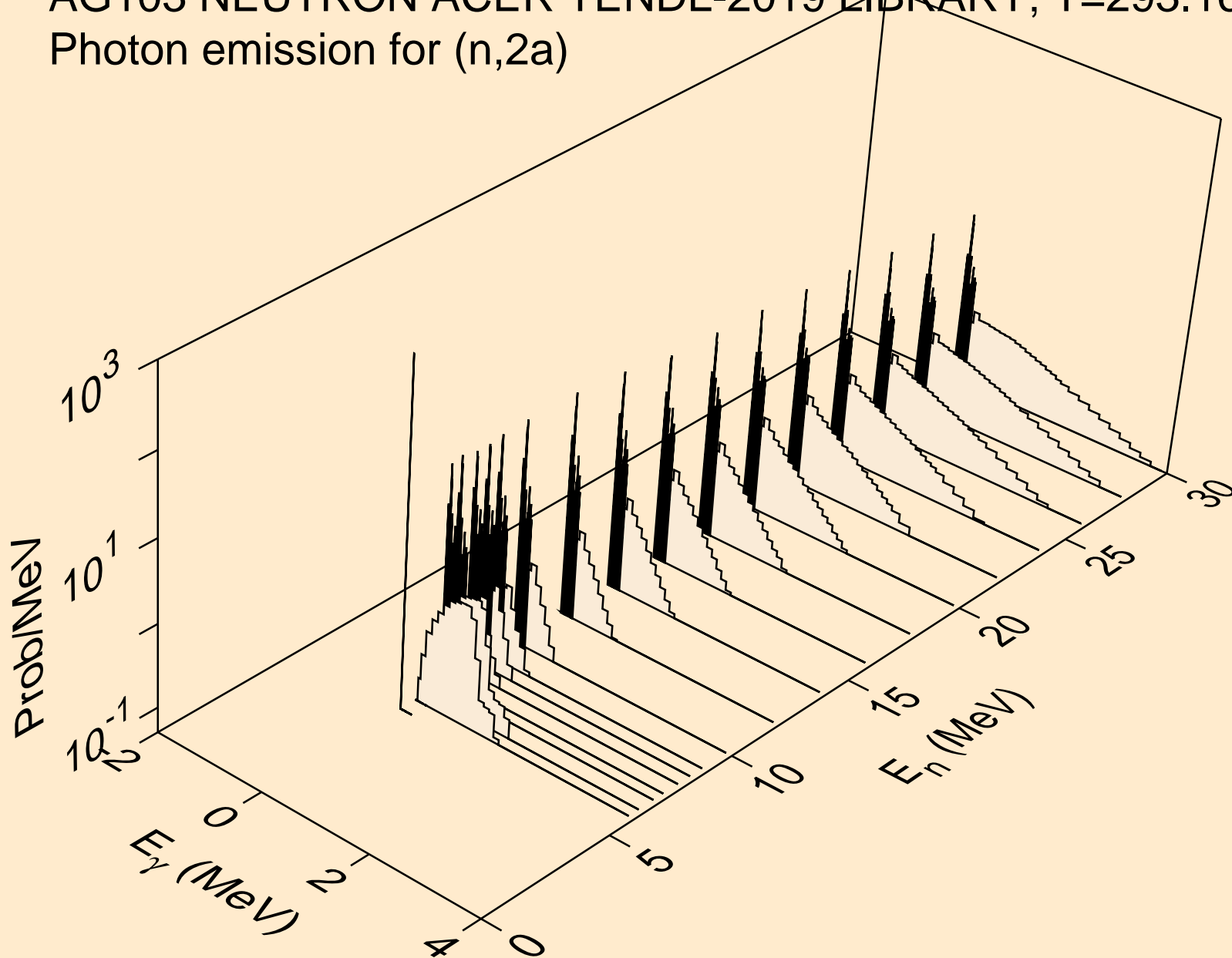
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)

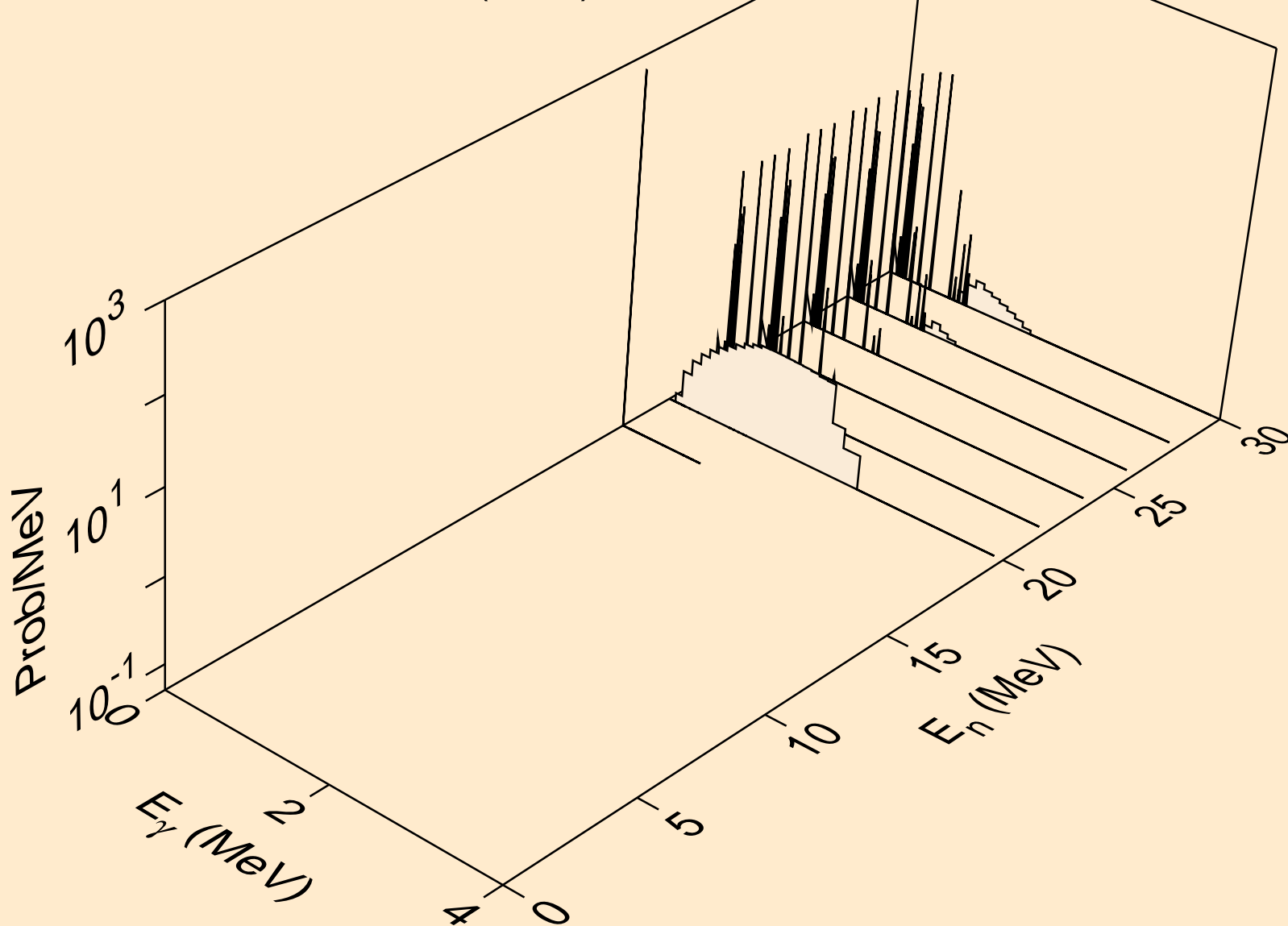


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2a)

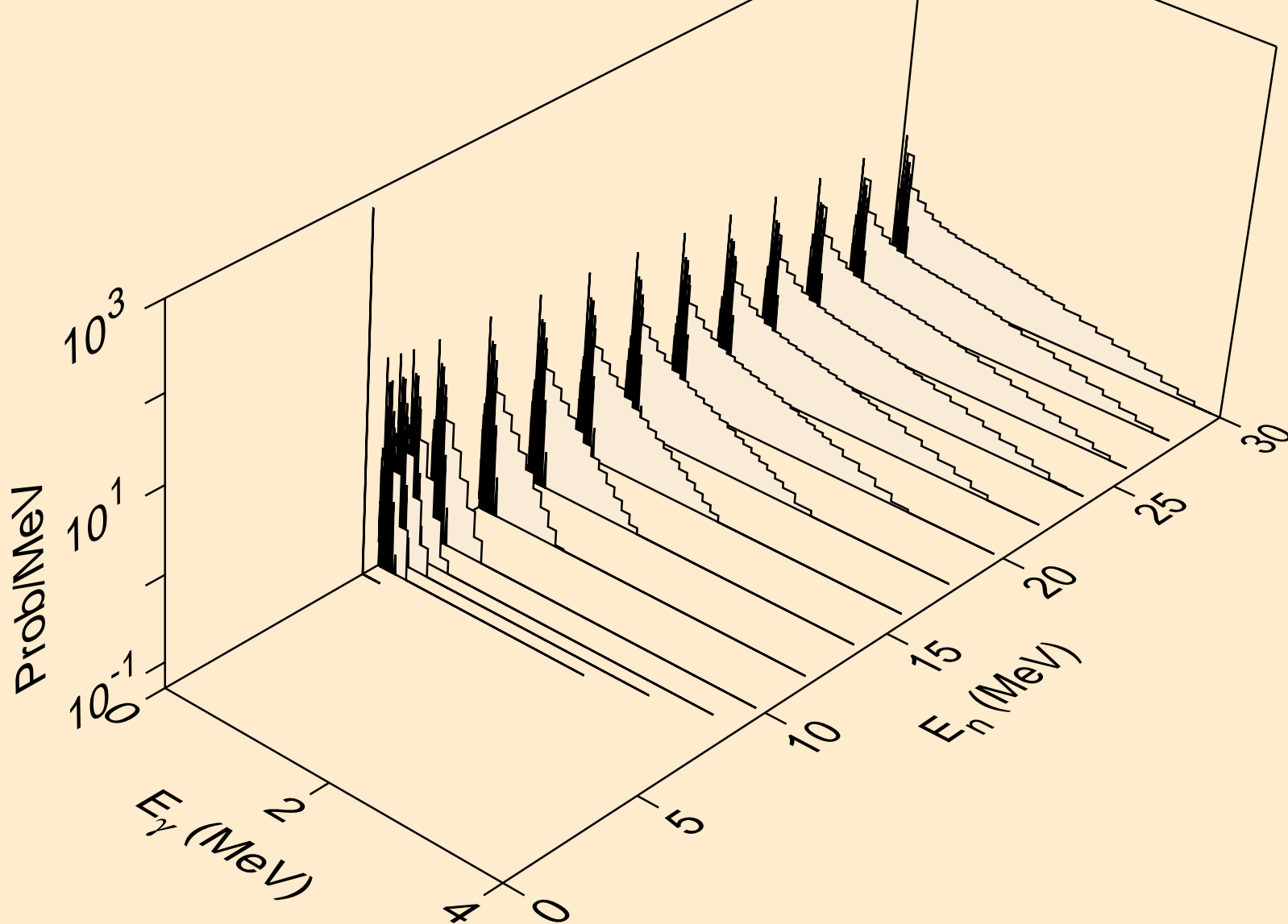




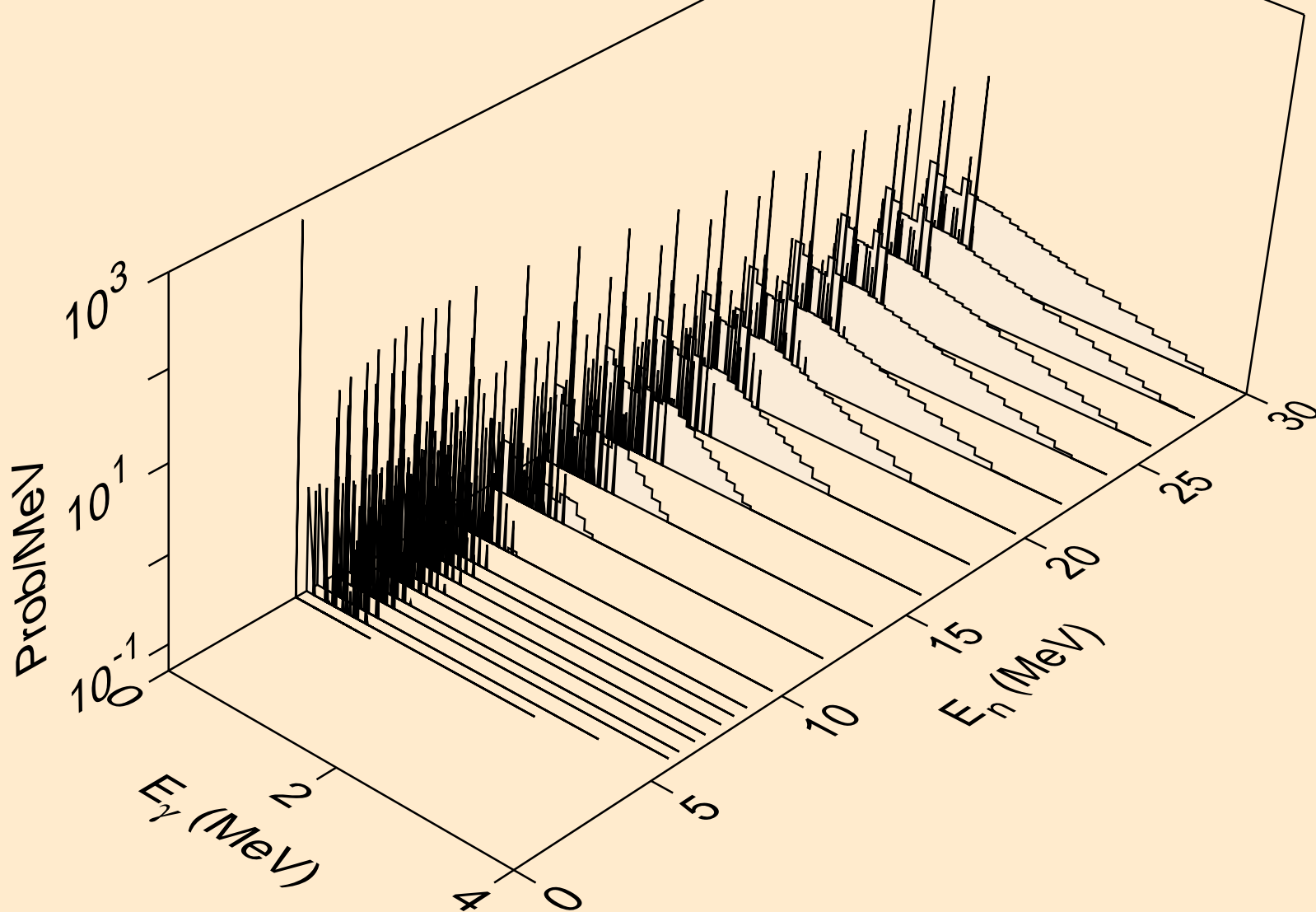
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3a)



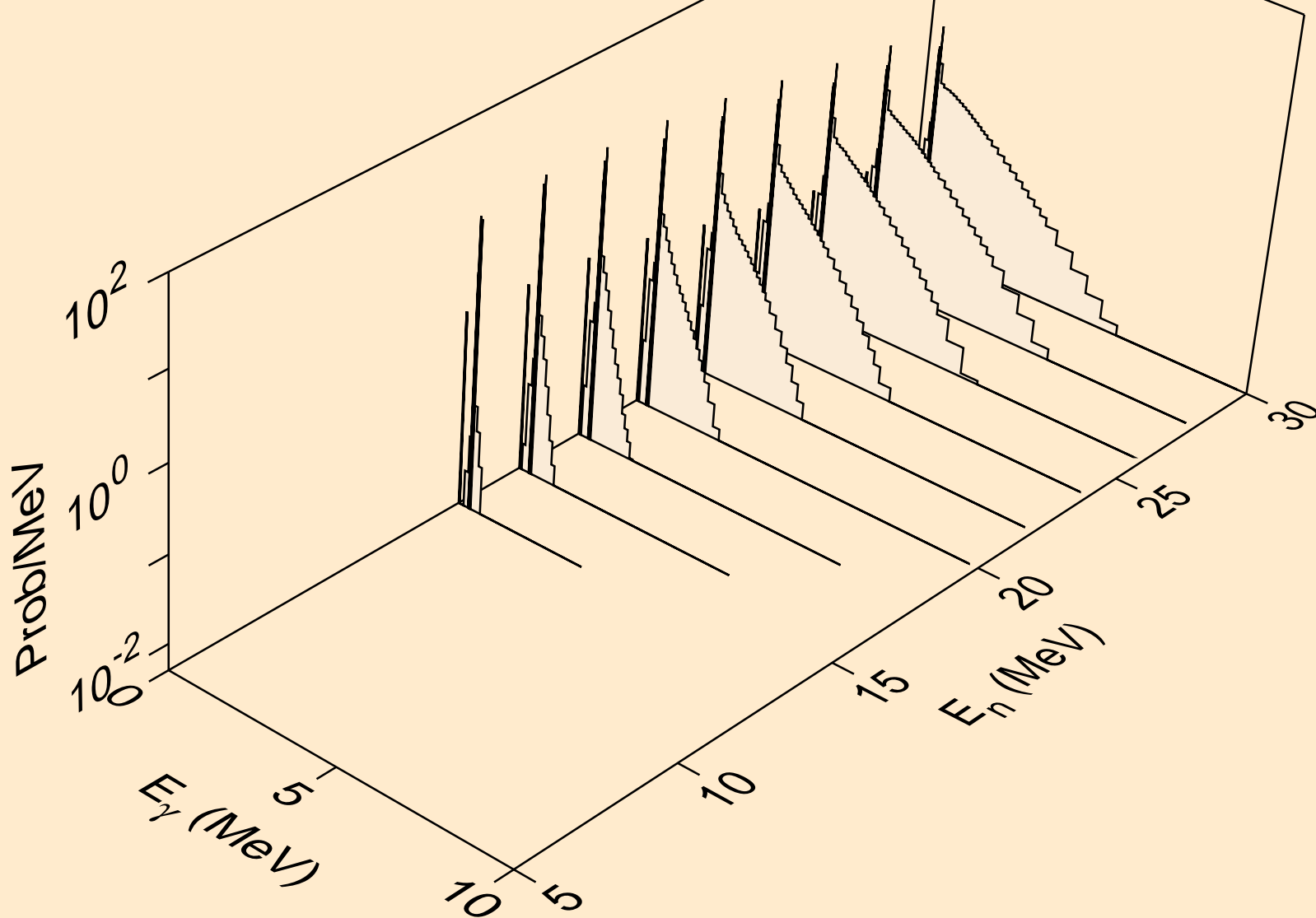
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



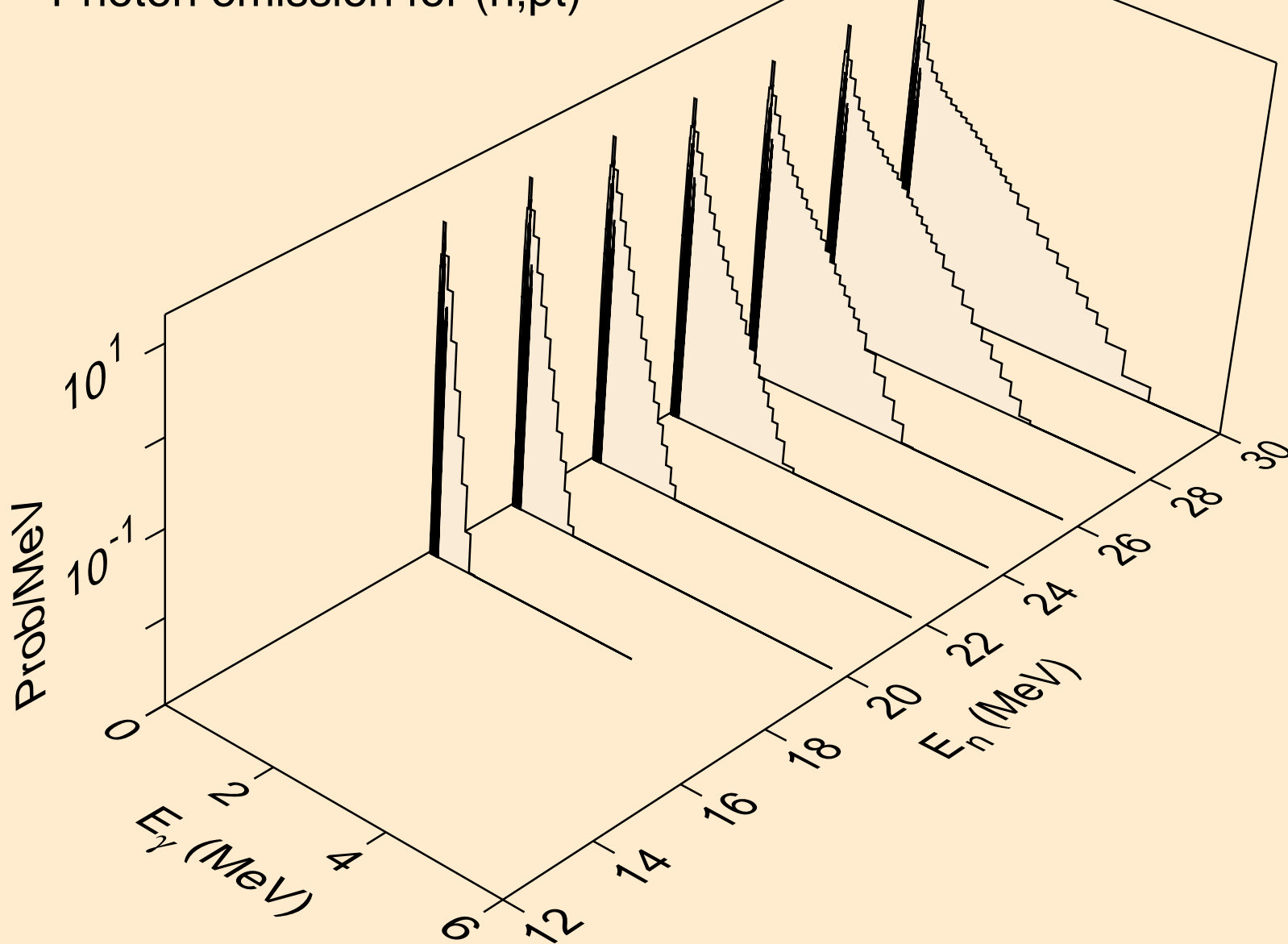
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p $\alpha$ )



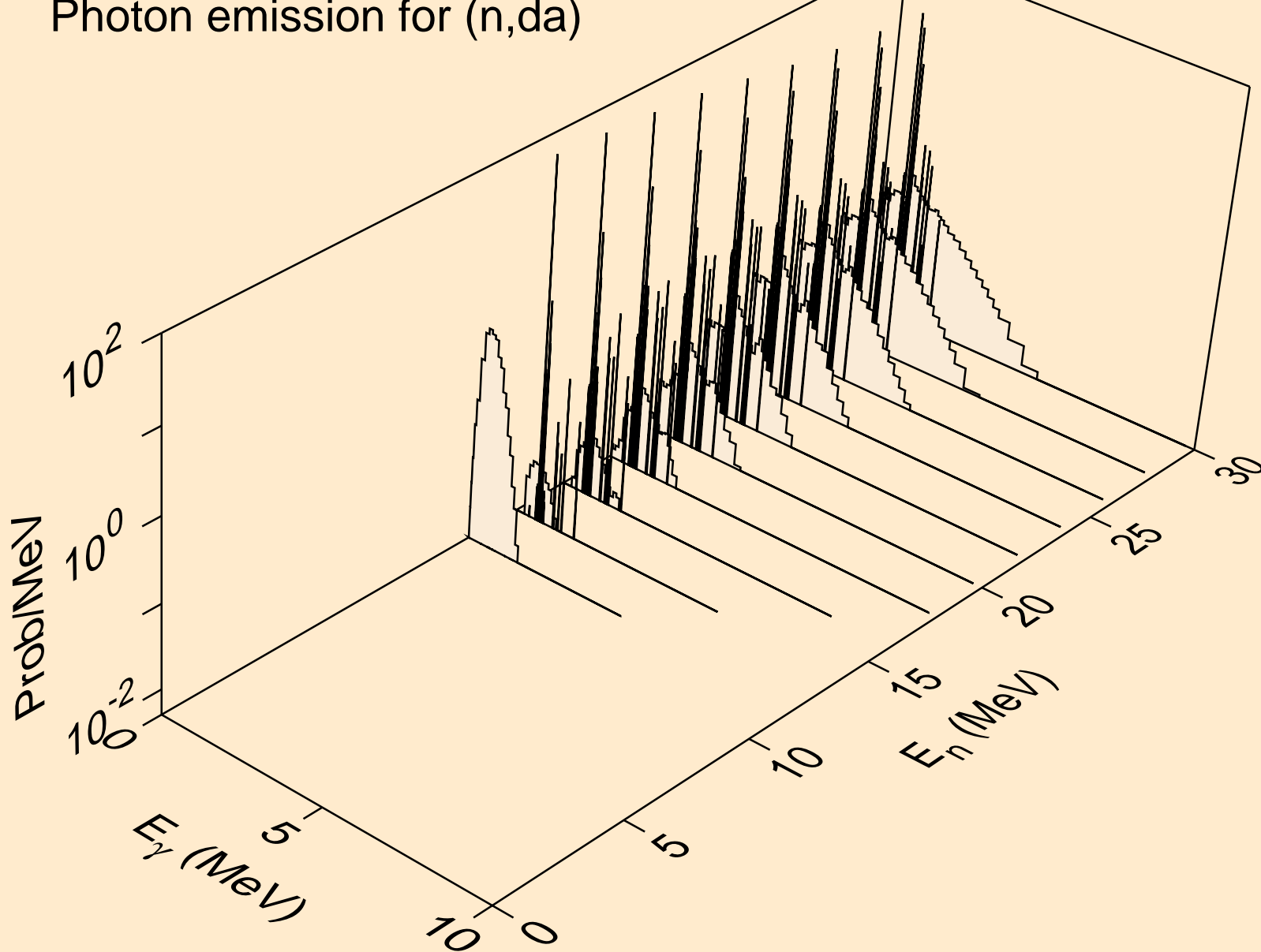
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pd)



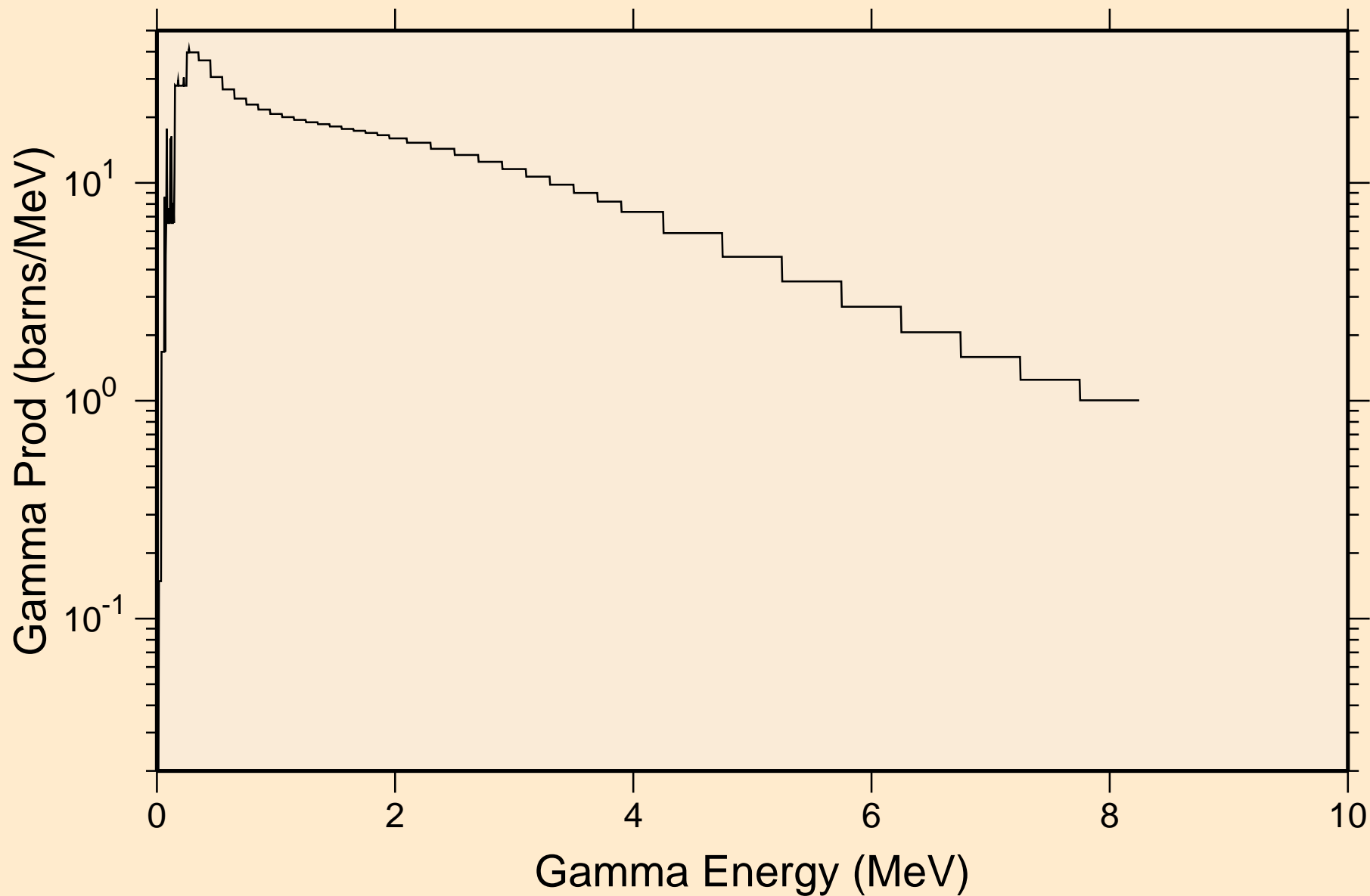
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,pt)



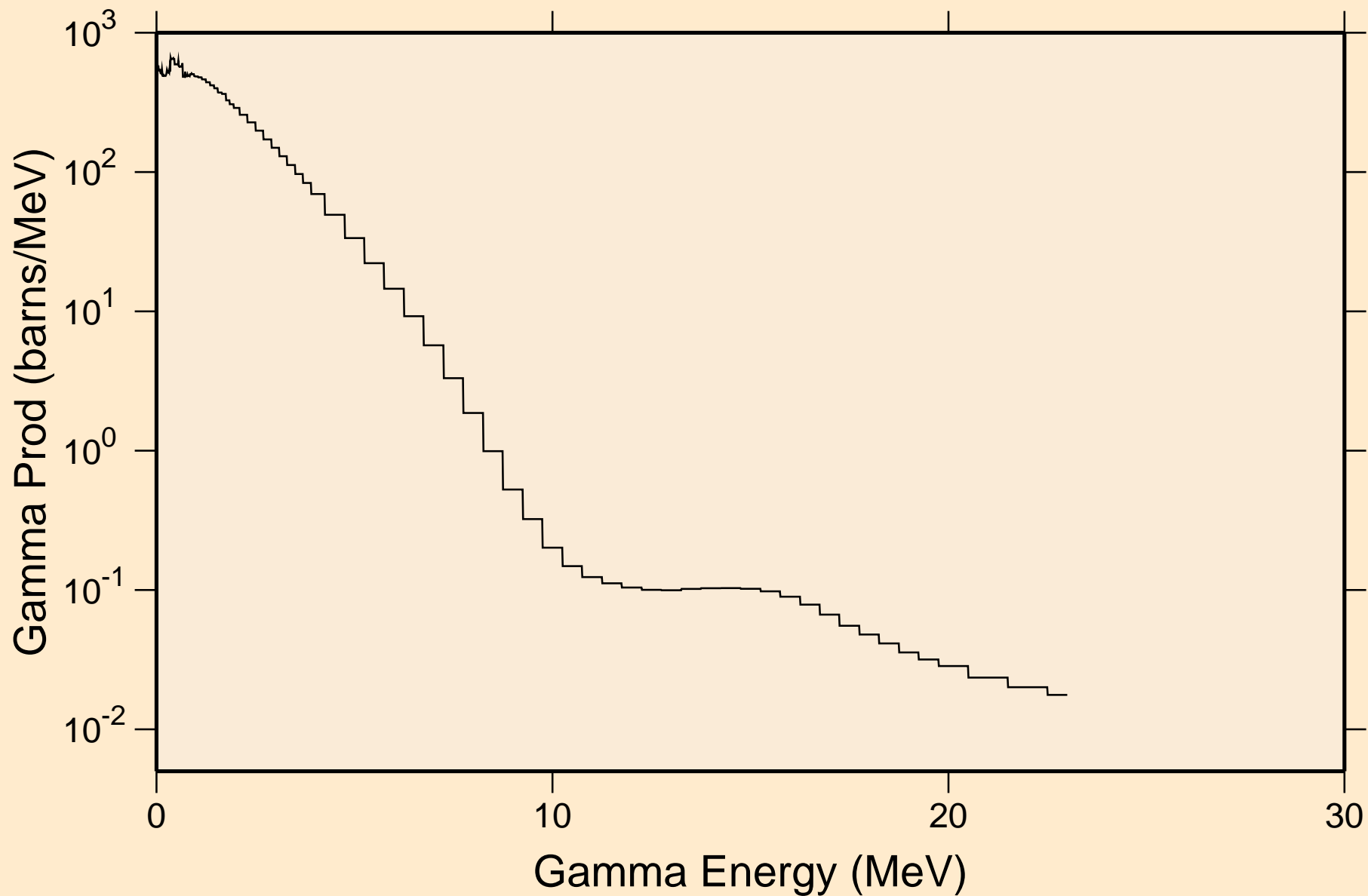
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,da)



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



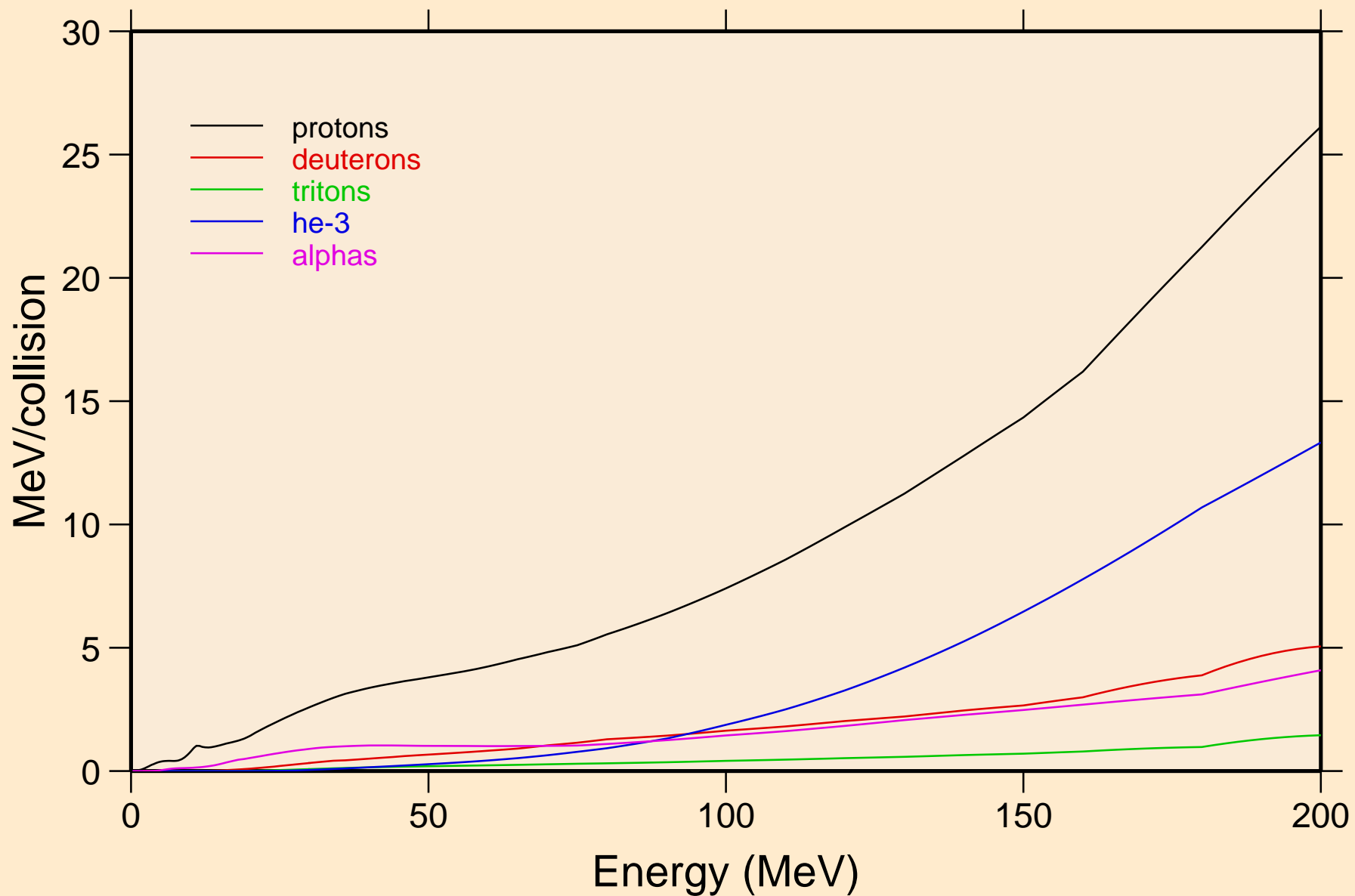
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum



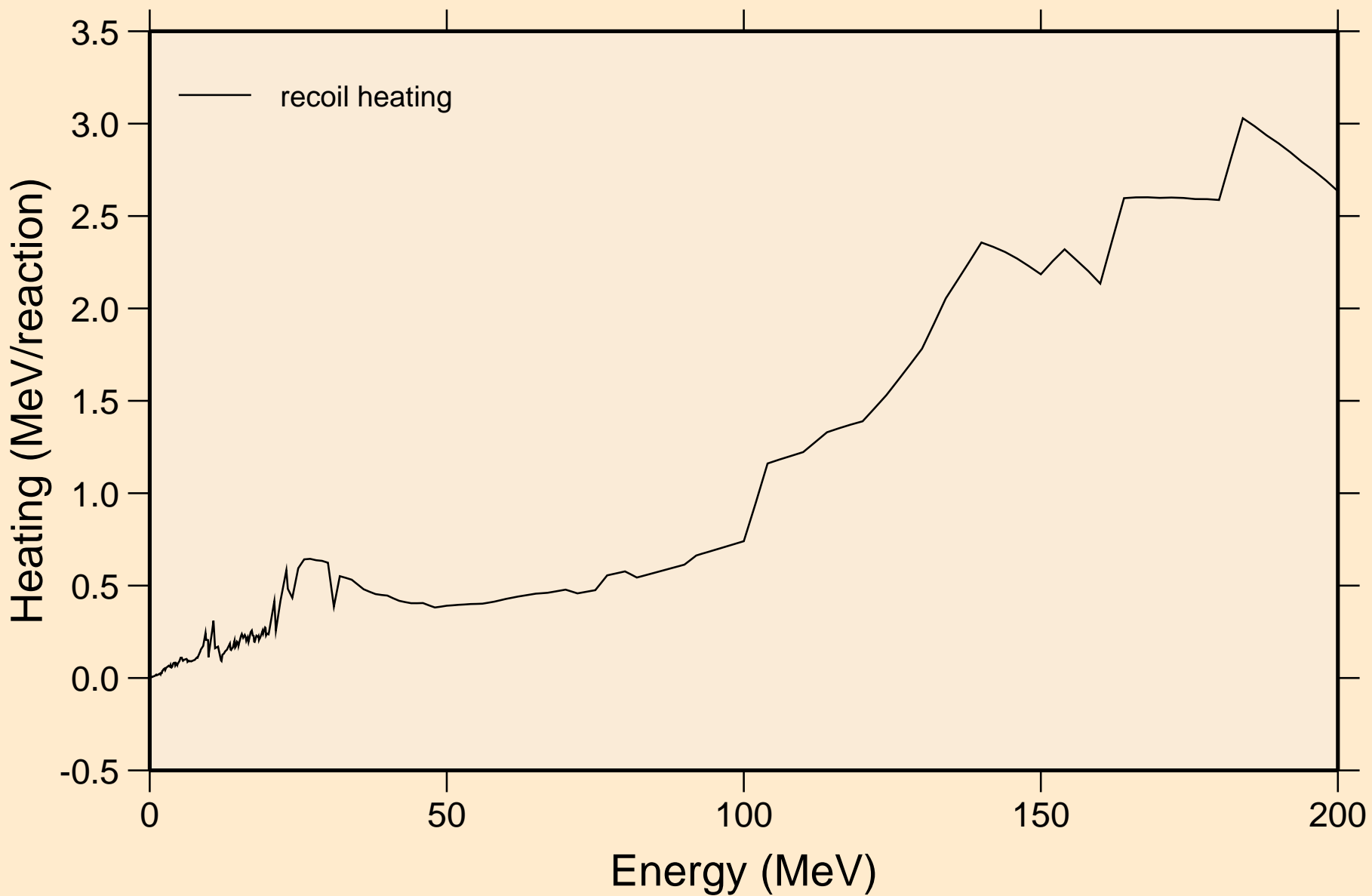


# AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

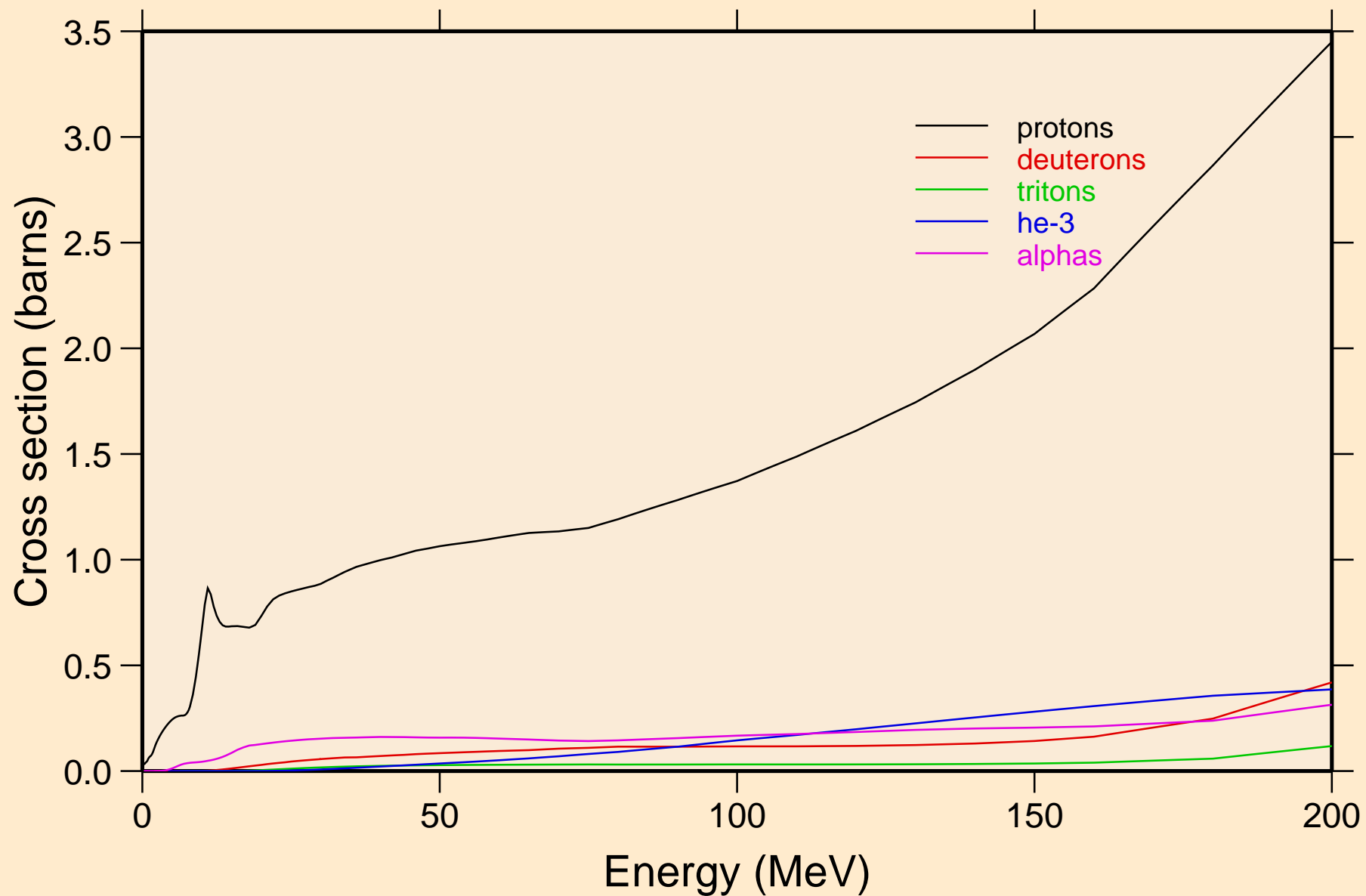
## Particle heating contributions



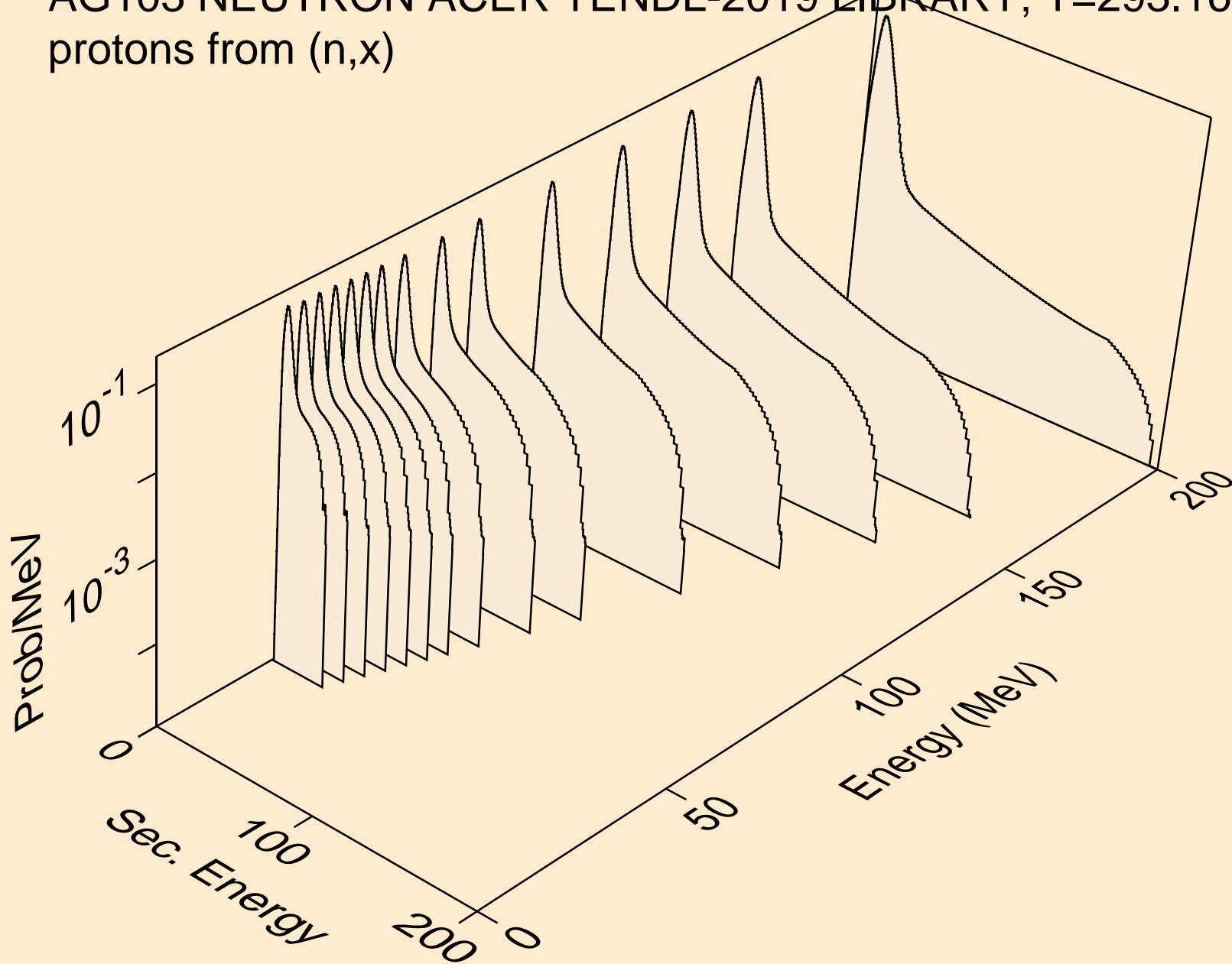
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



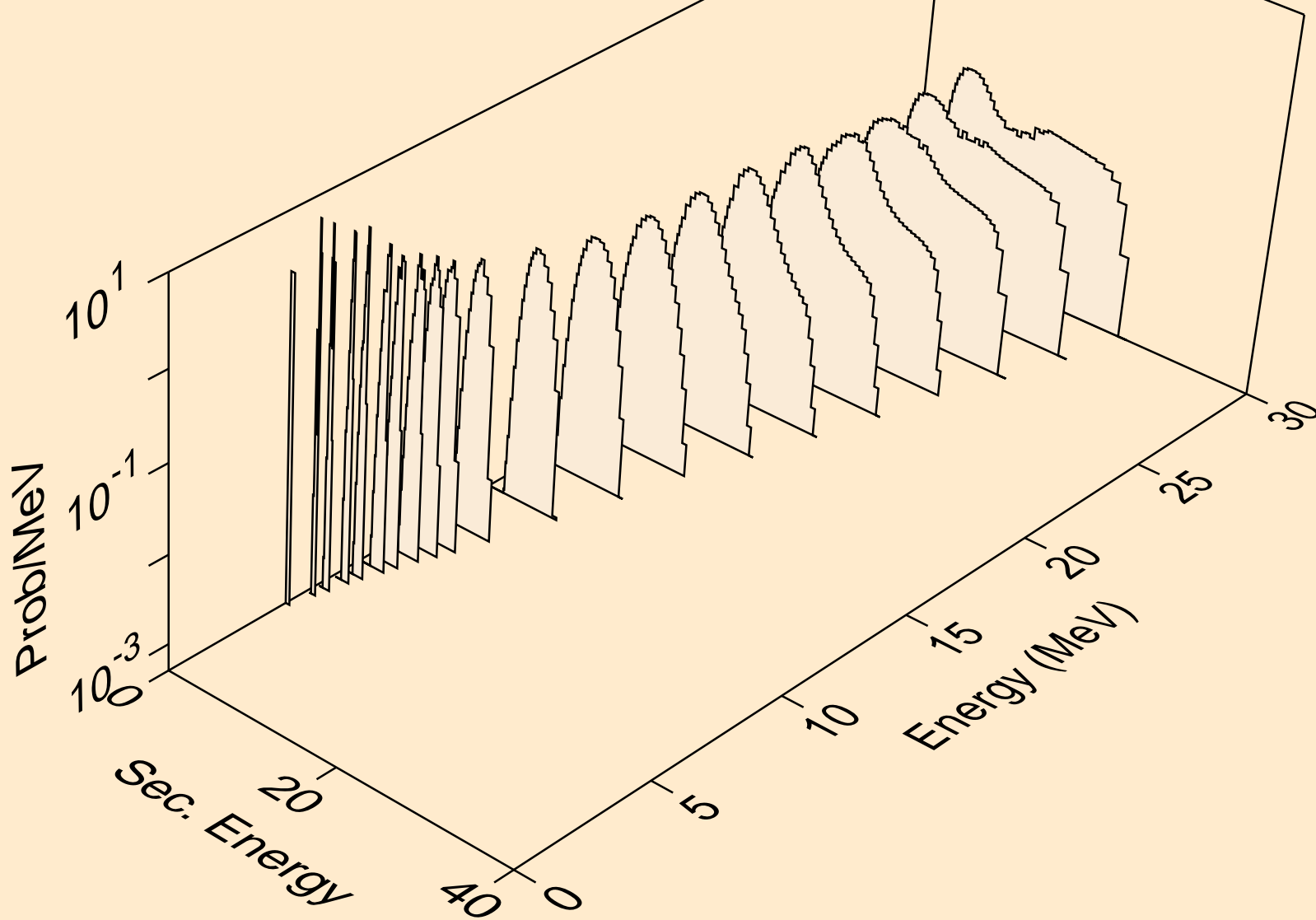
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



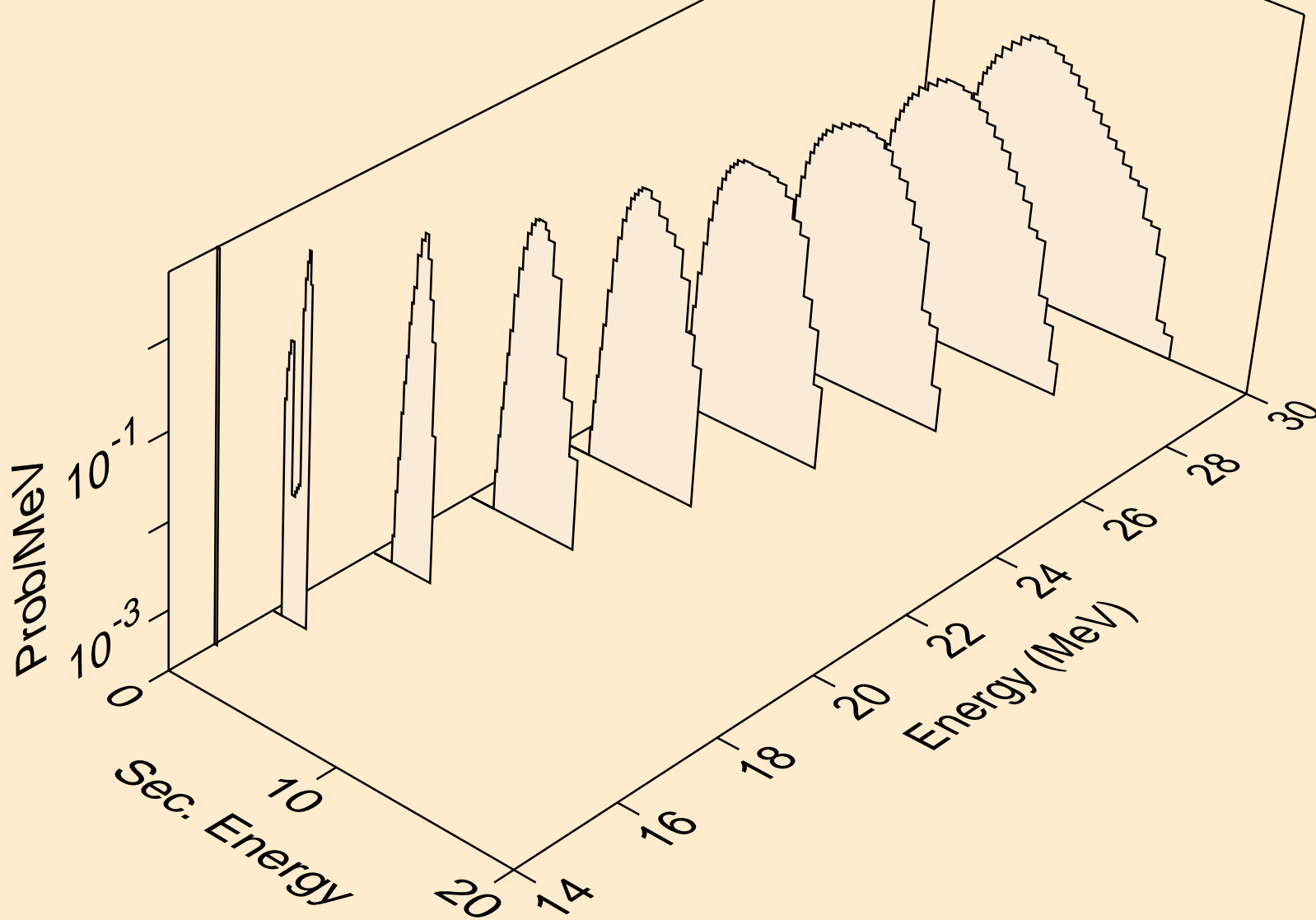
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



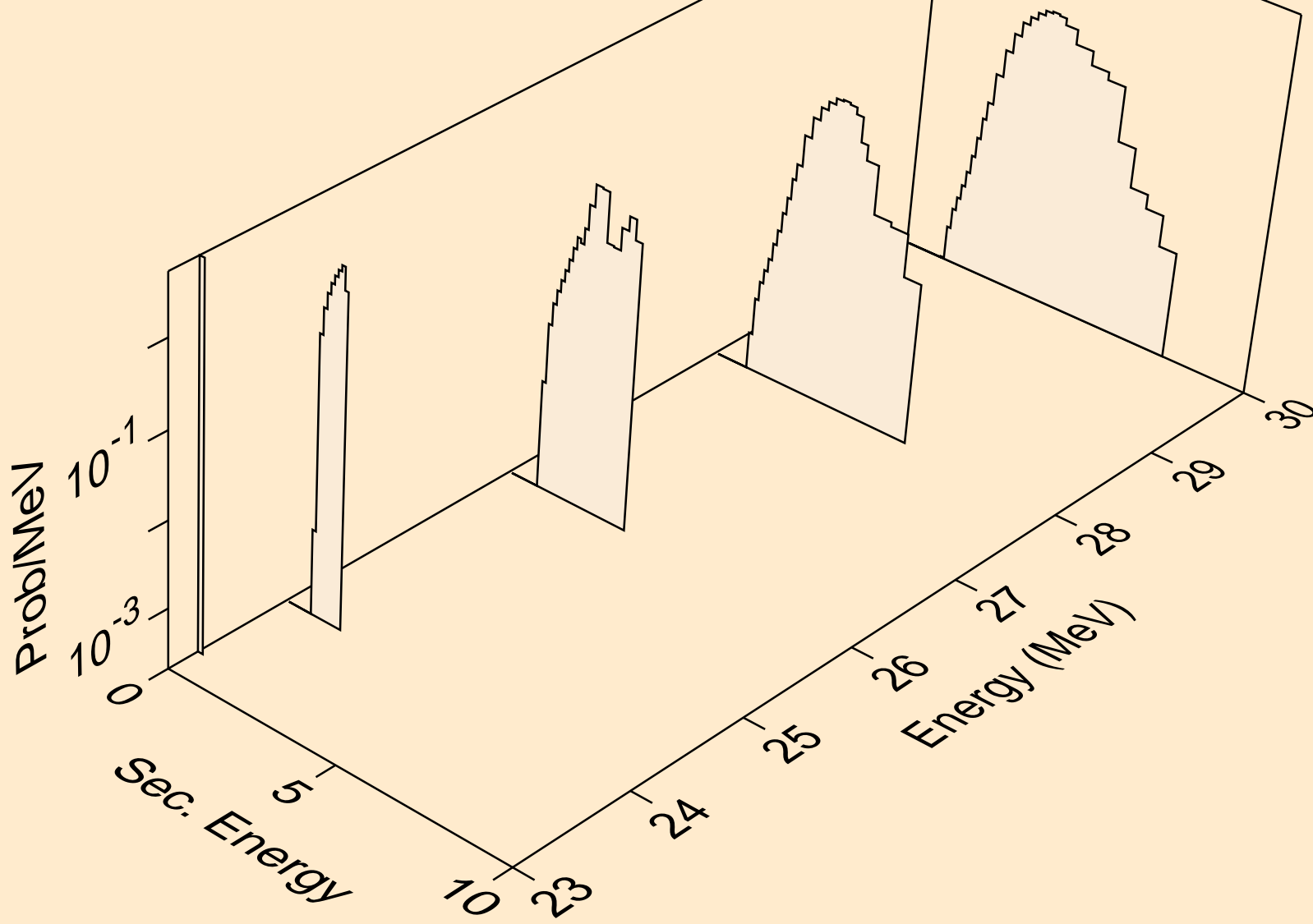
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



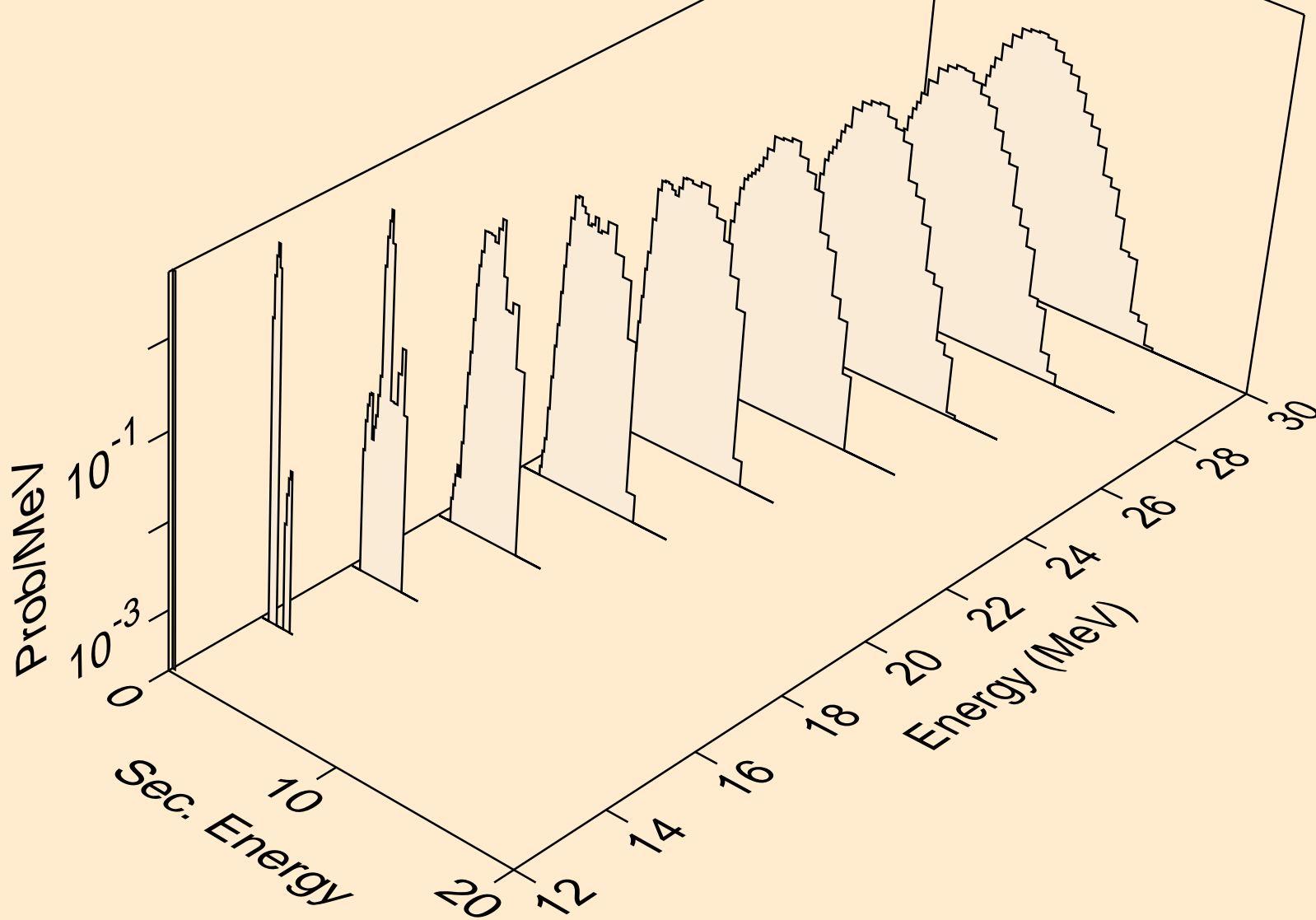
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)

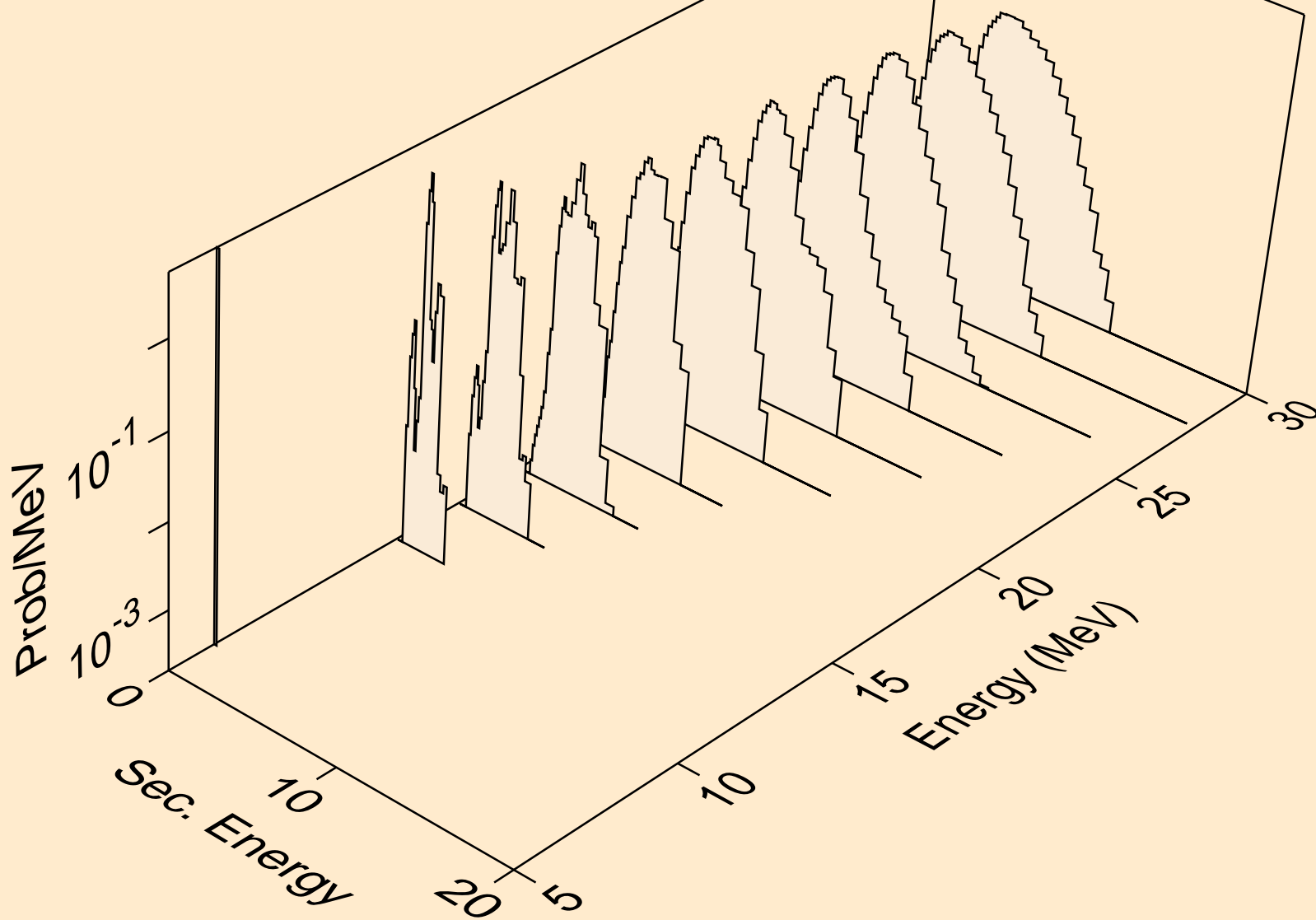


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

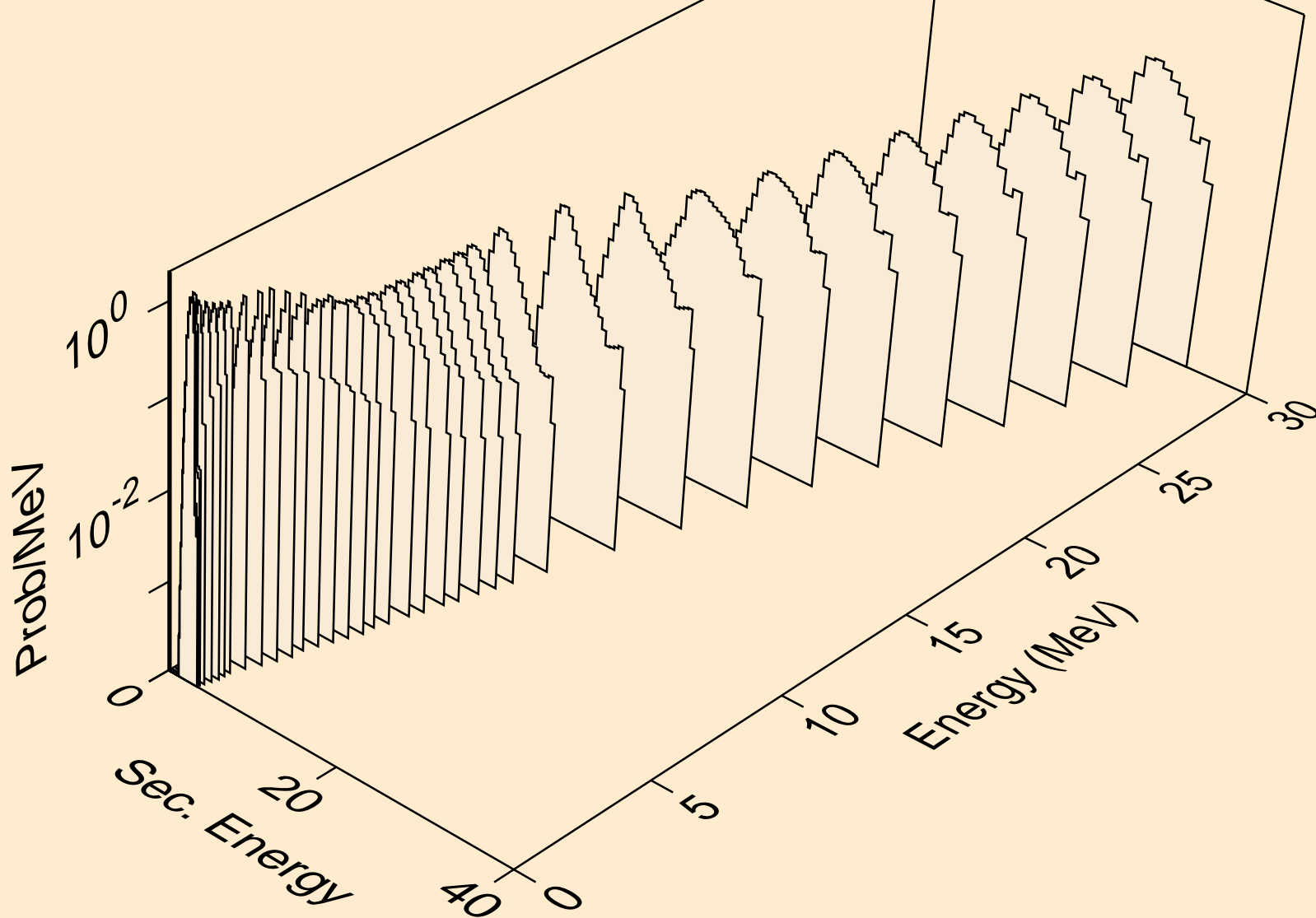




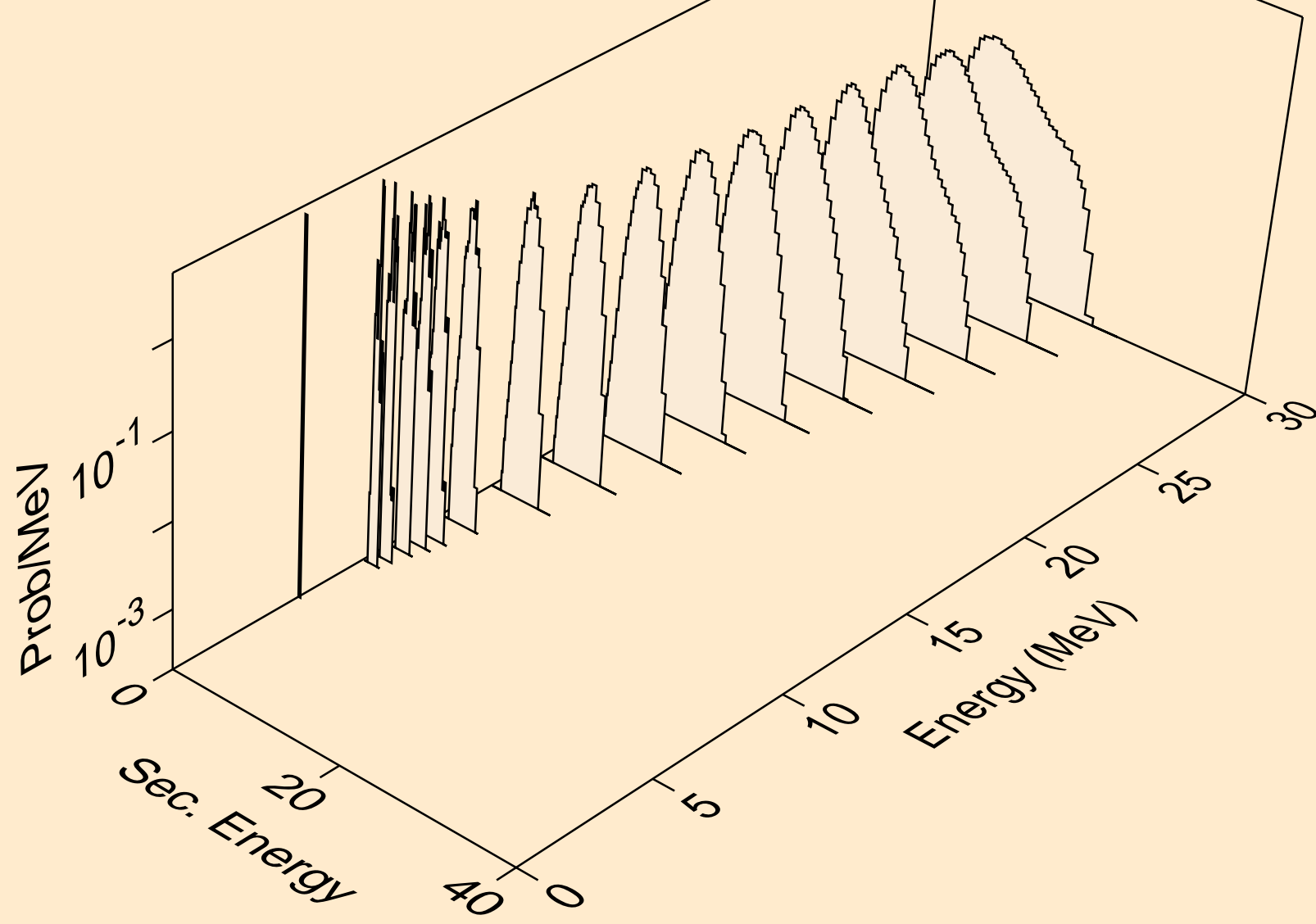
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protons from (n,npa)



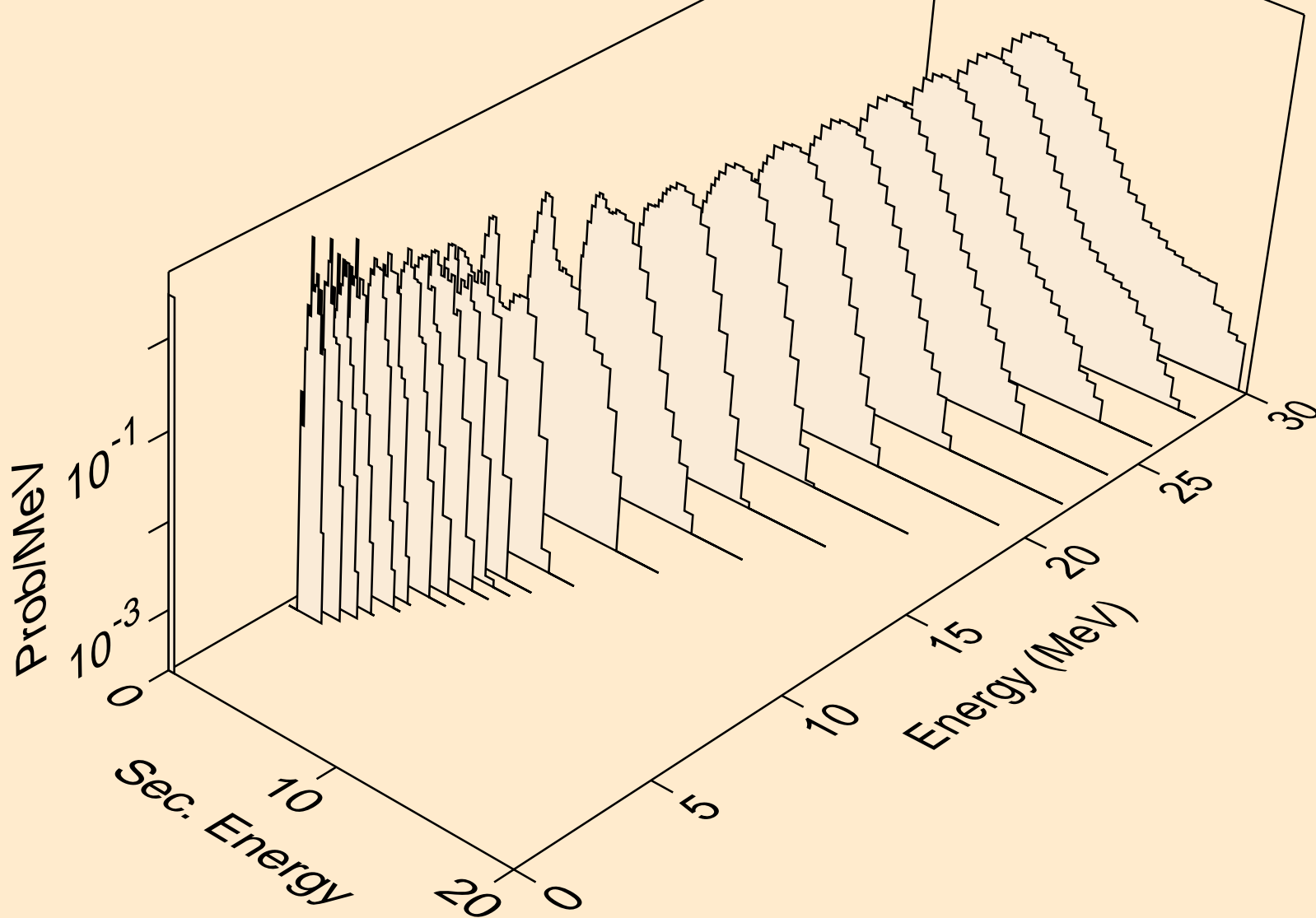
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



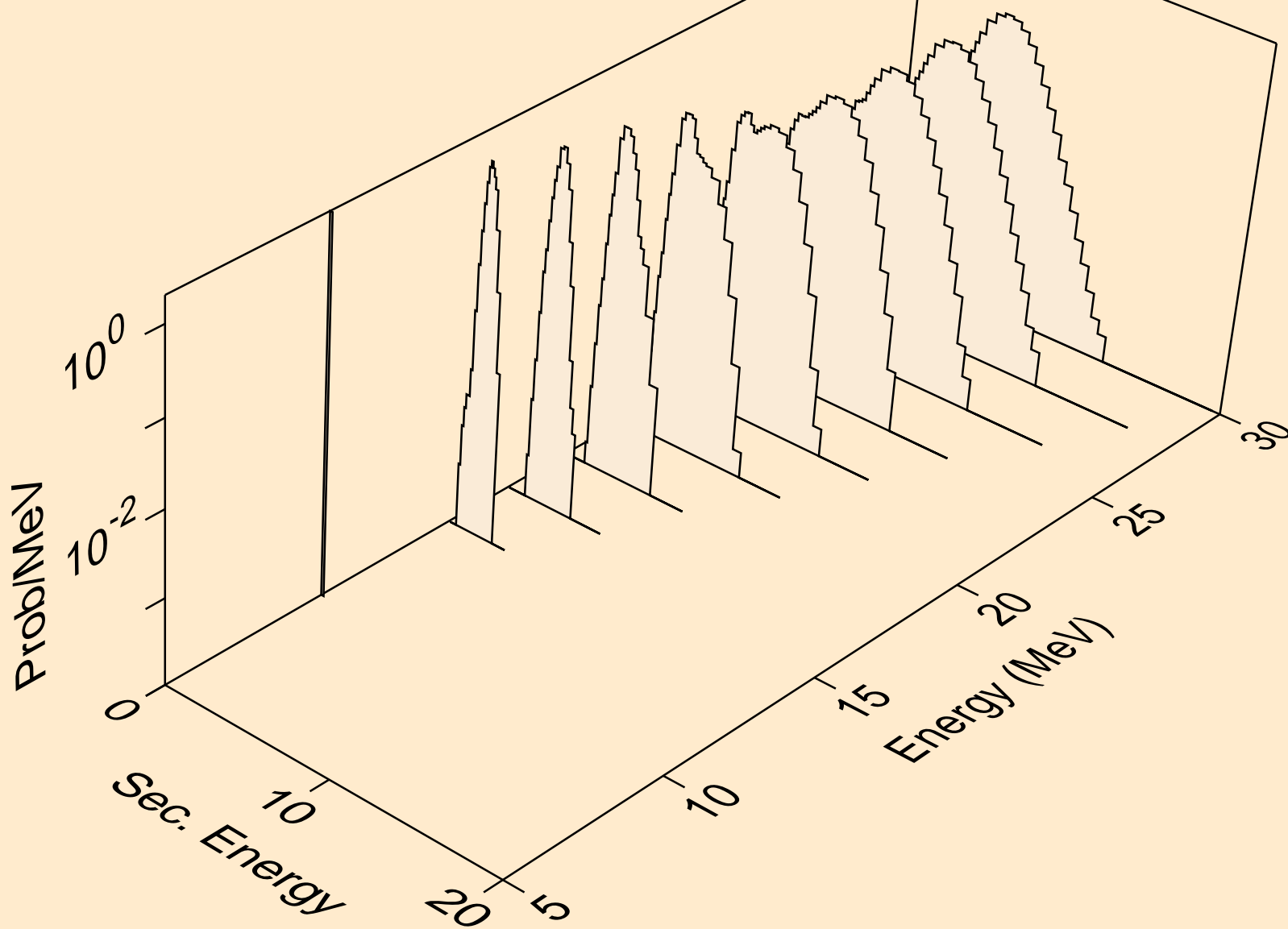
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



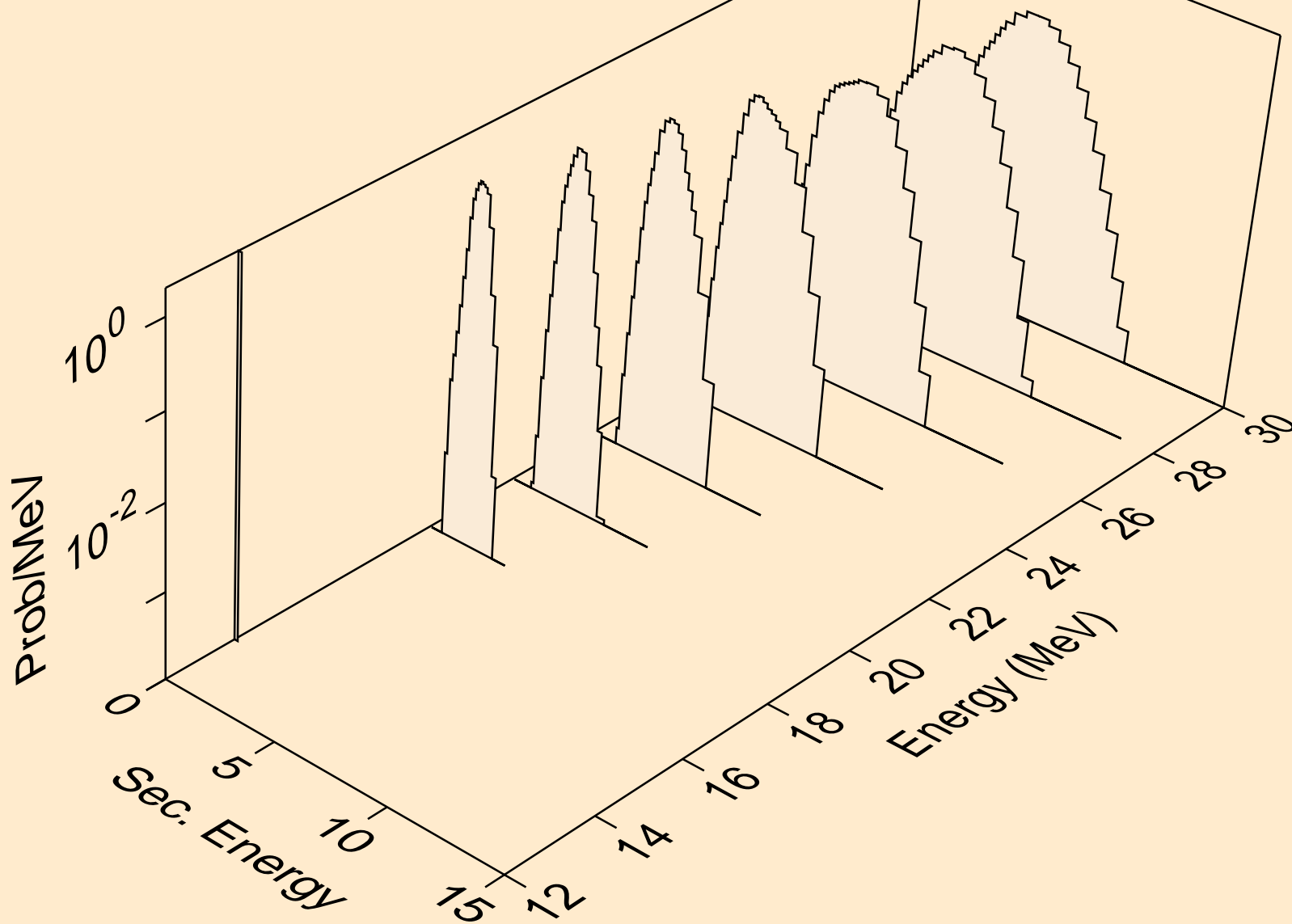
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protons from (n,p)



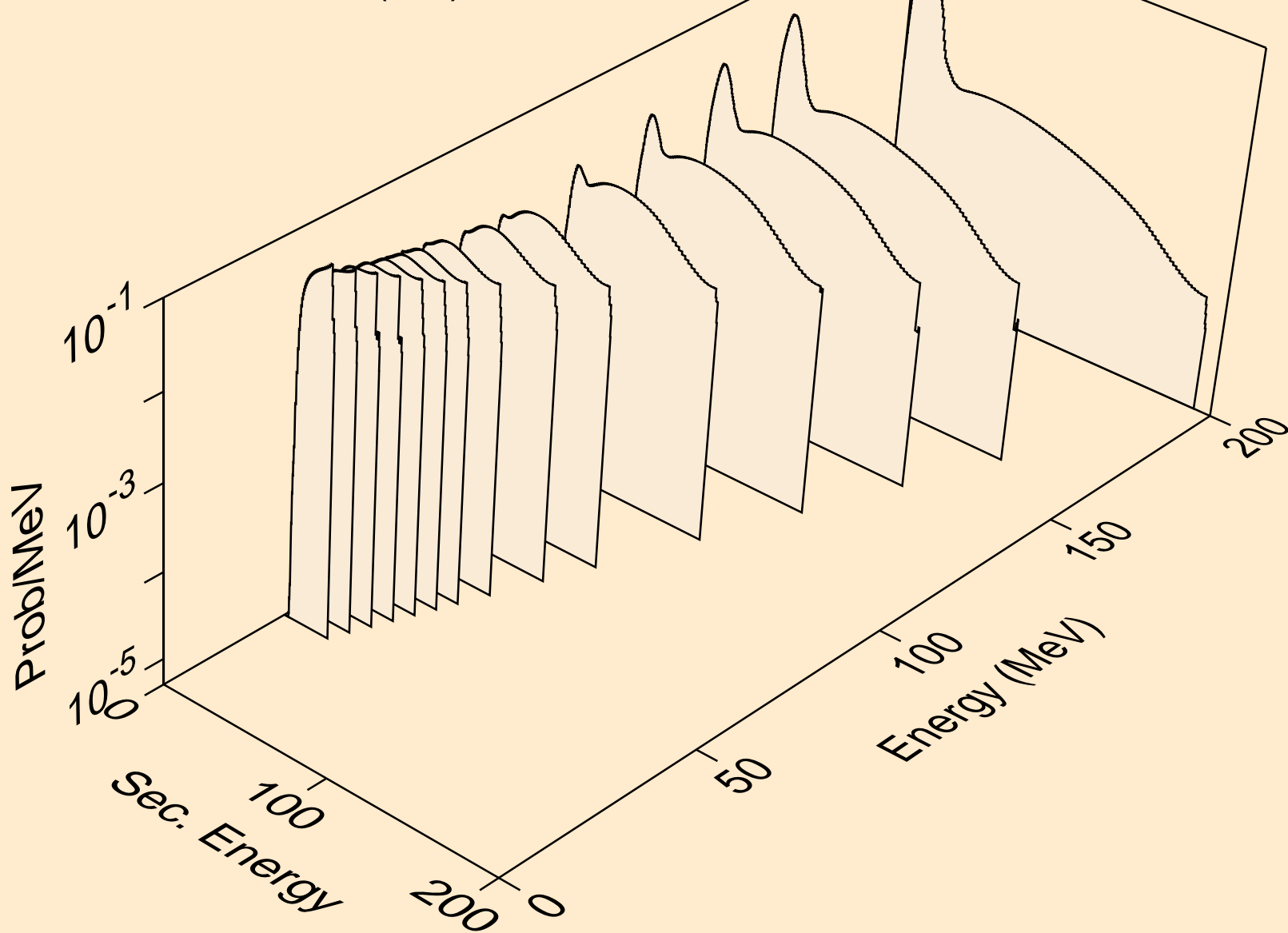
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pd)



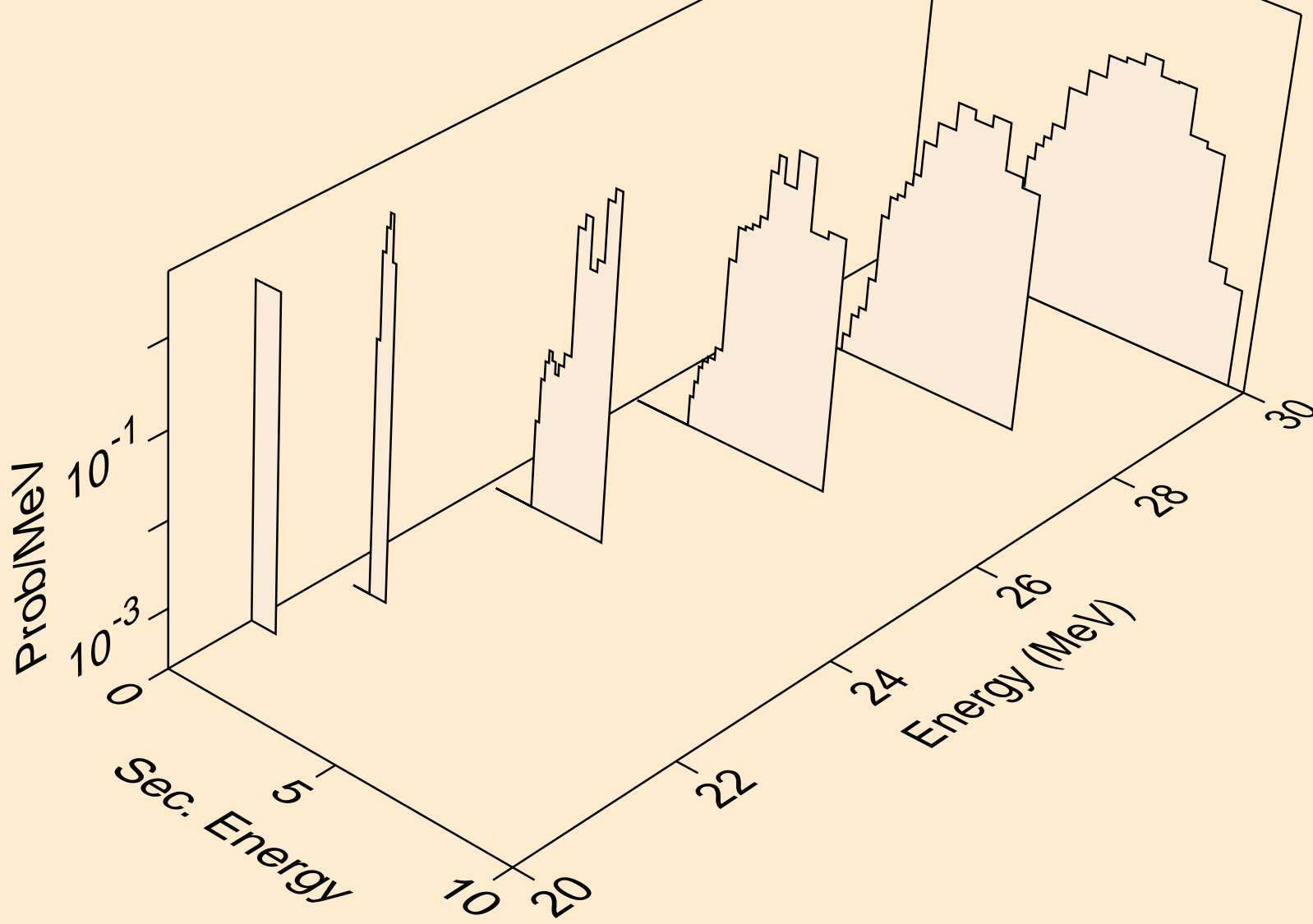
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,pt)



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

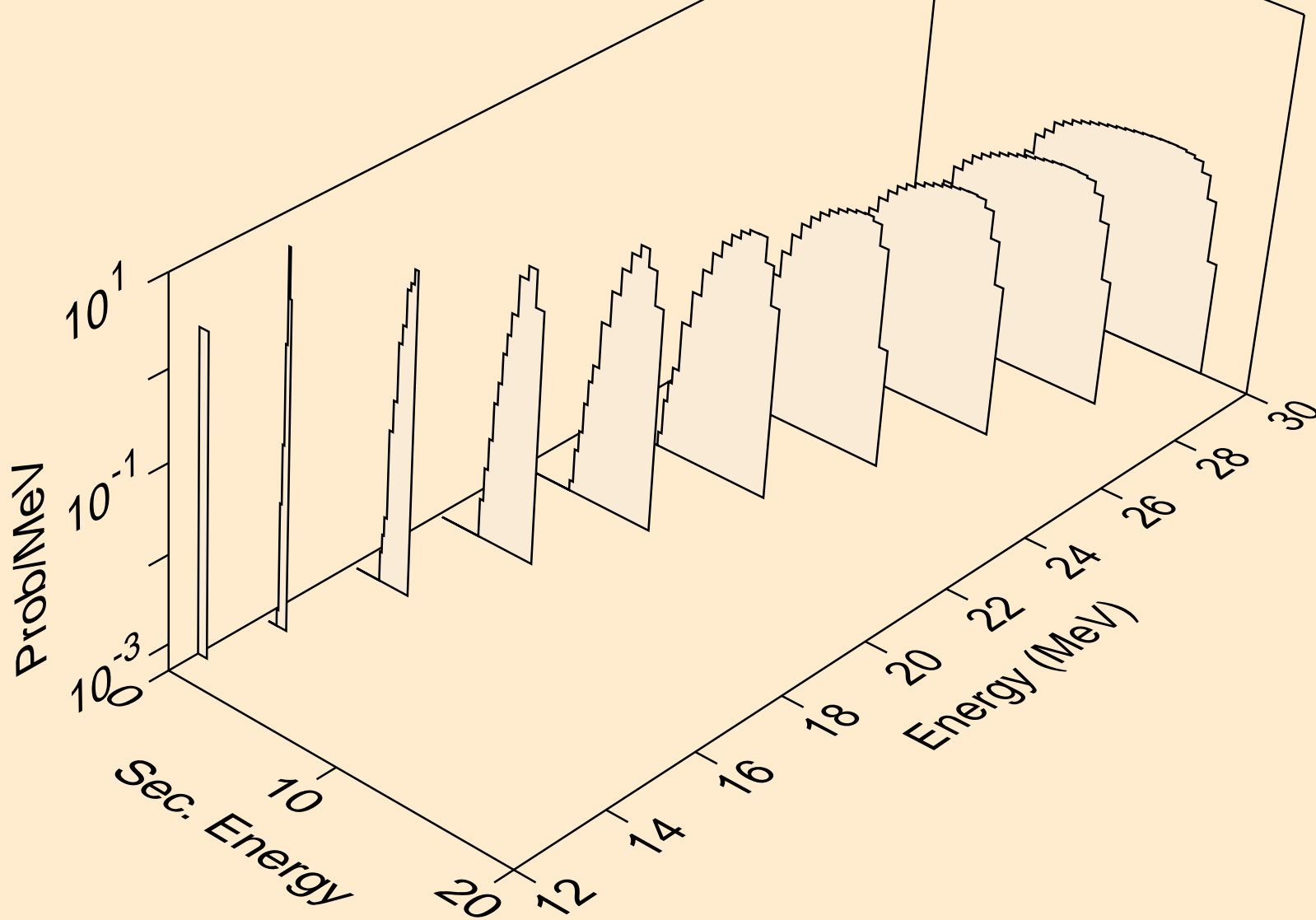


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)

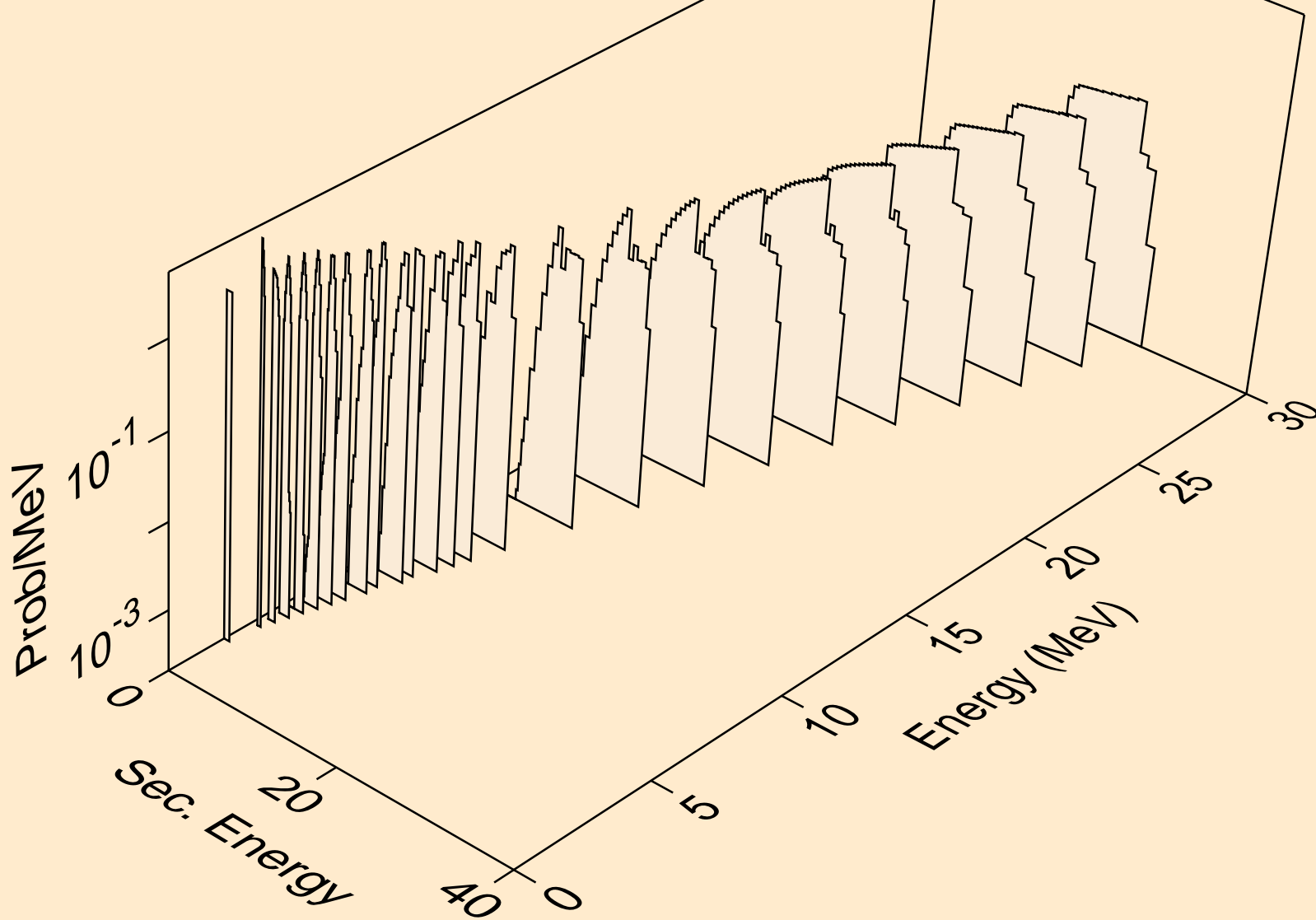




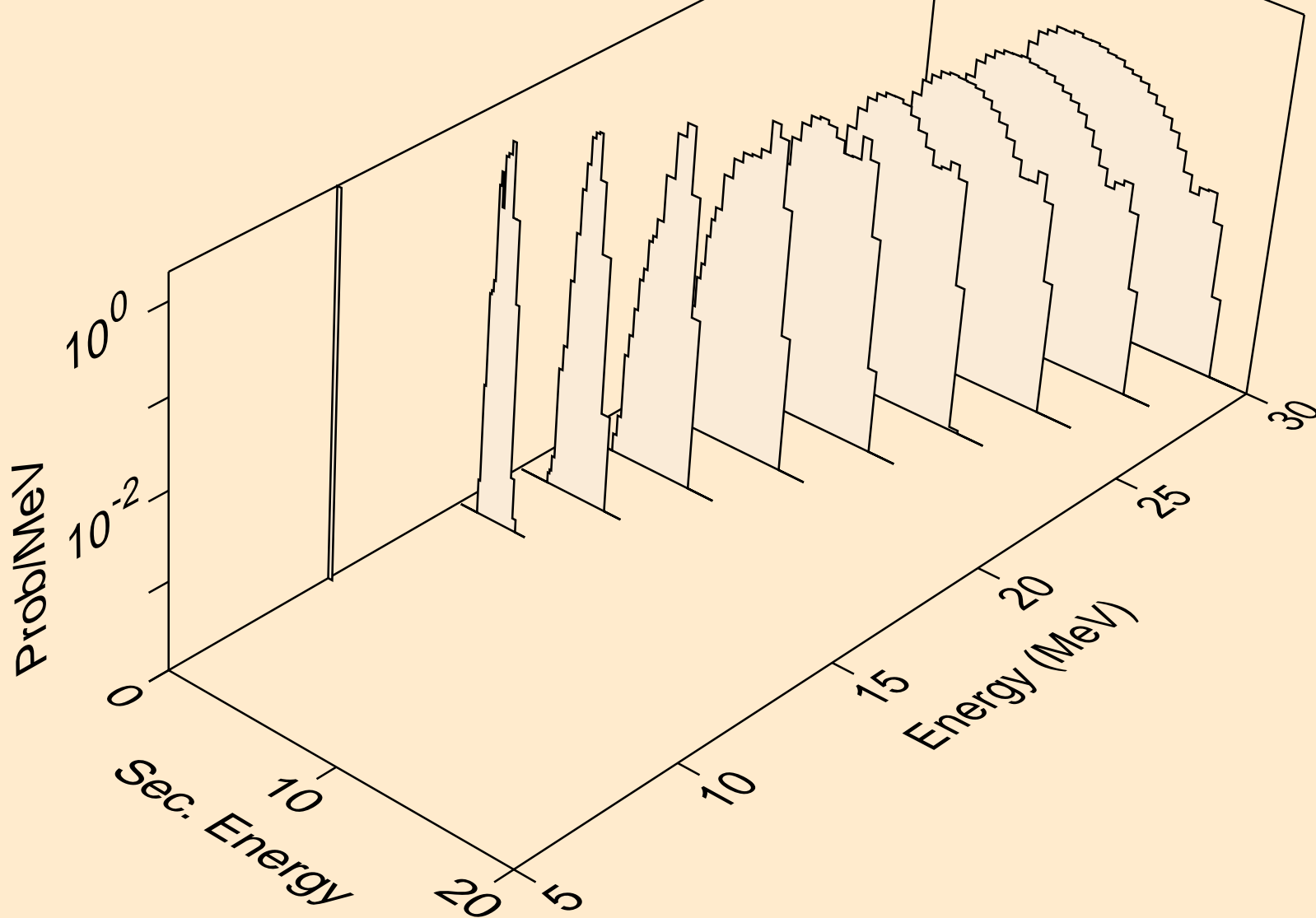
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



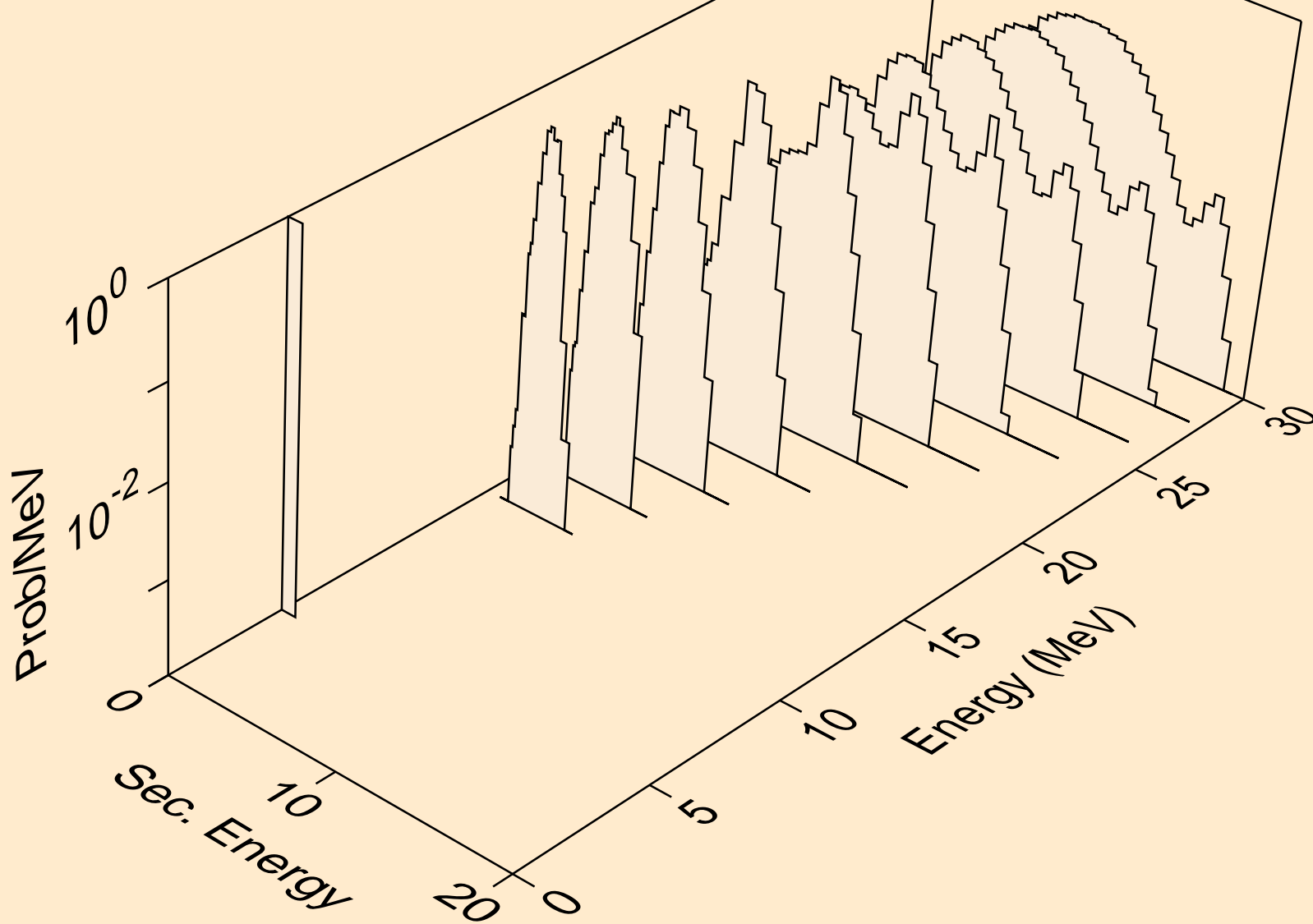
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



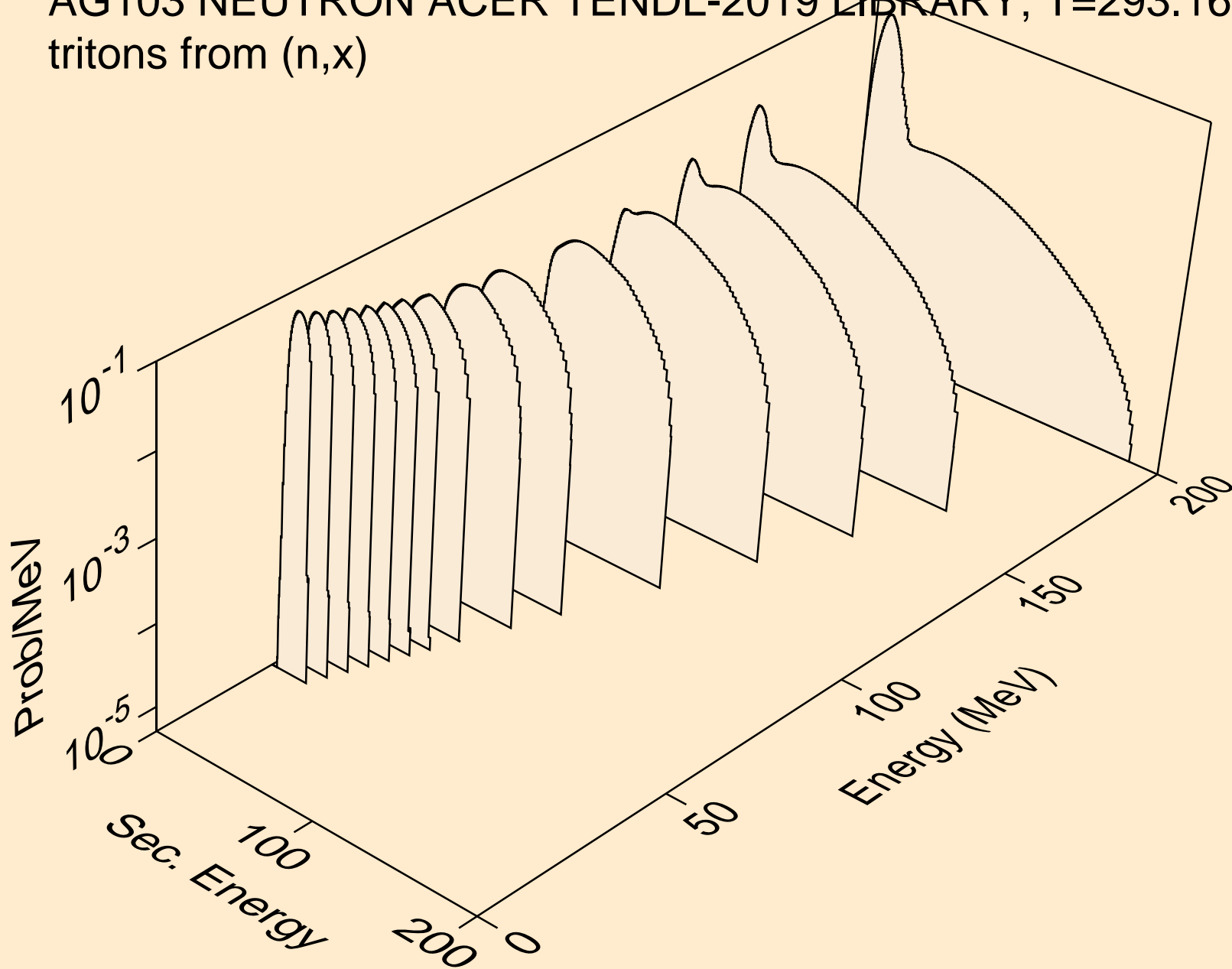
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,pd)



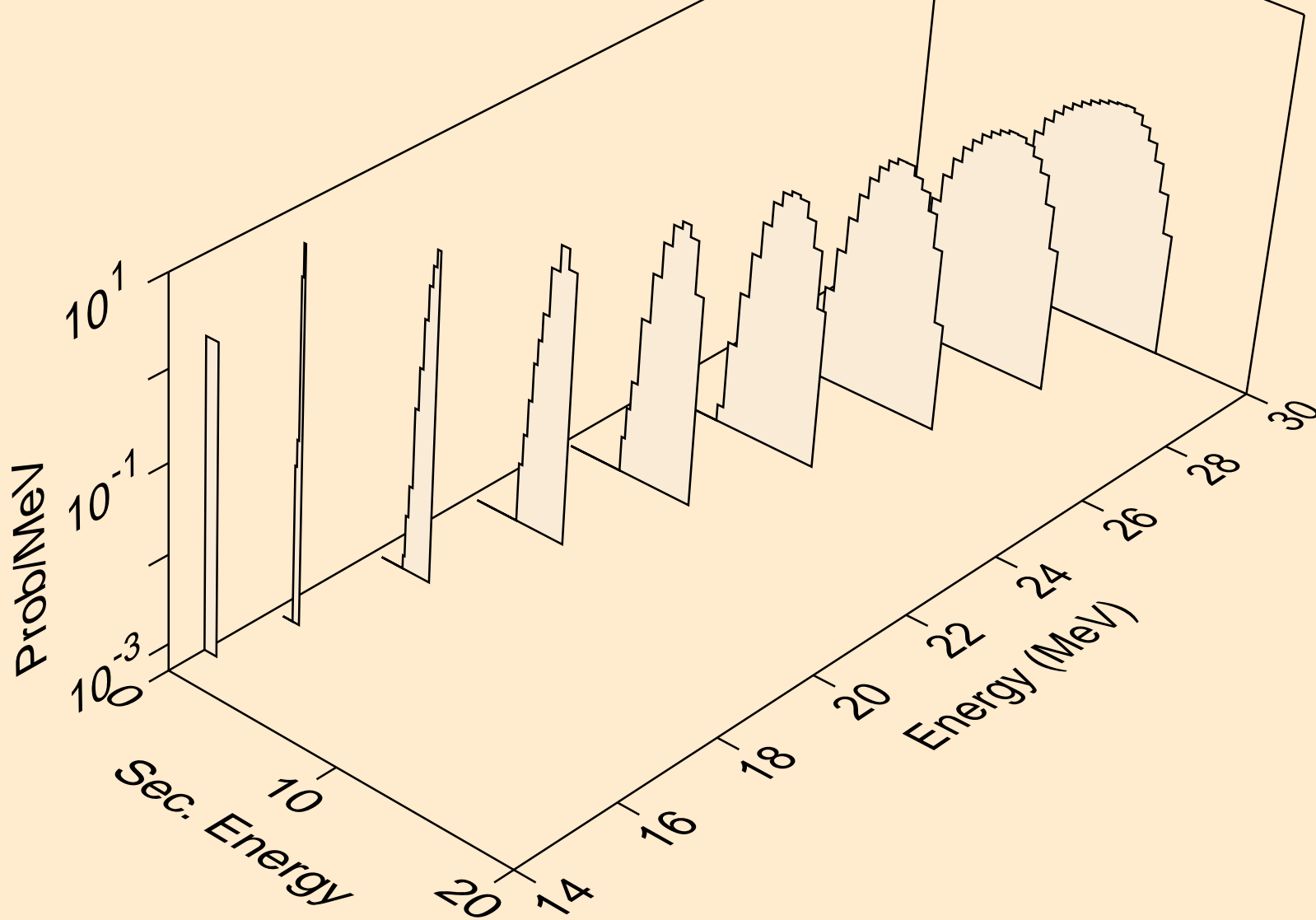
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deuterons from (n,da)



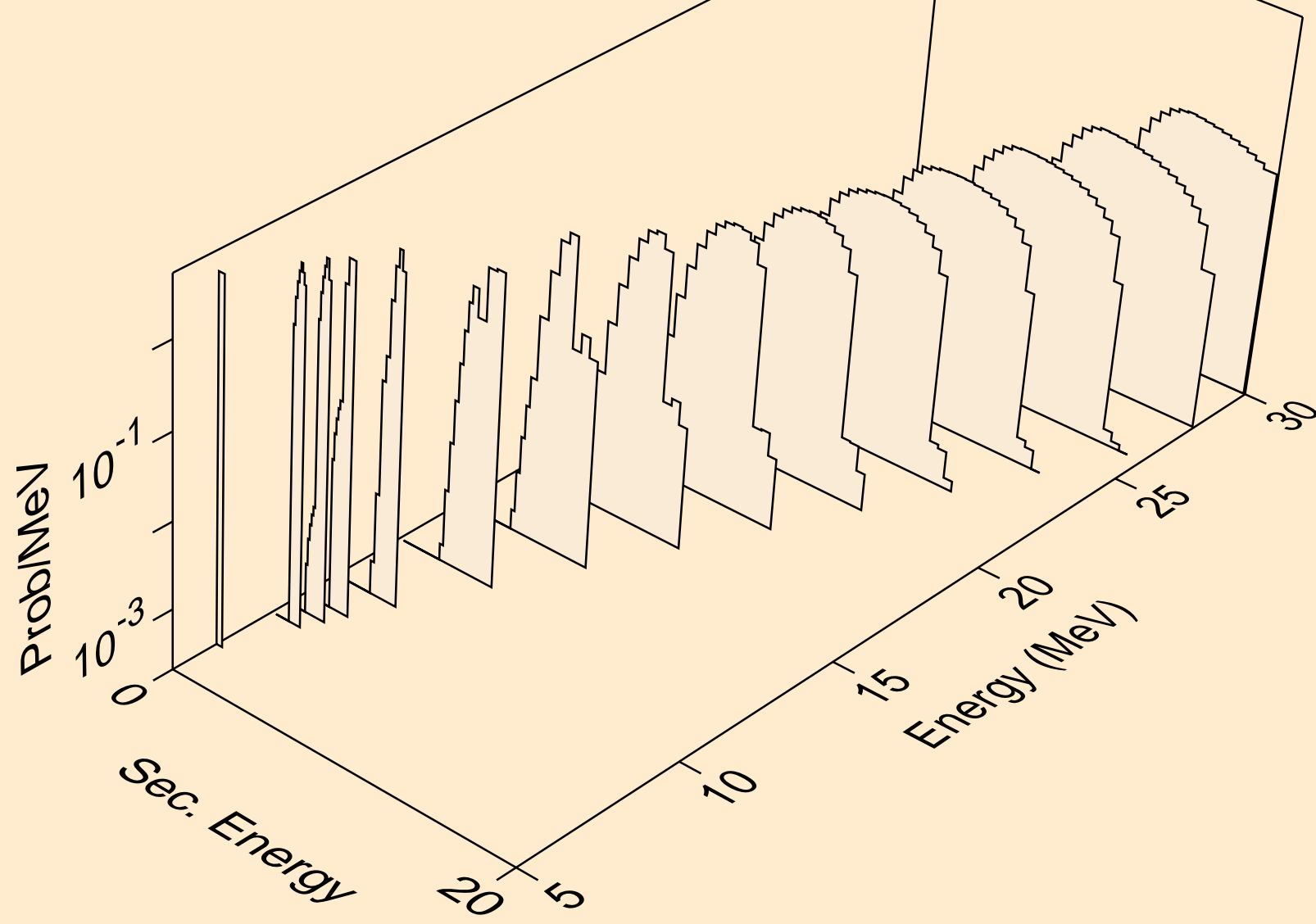
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



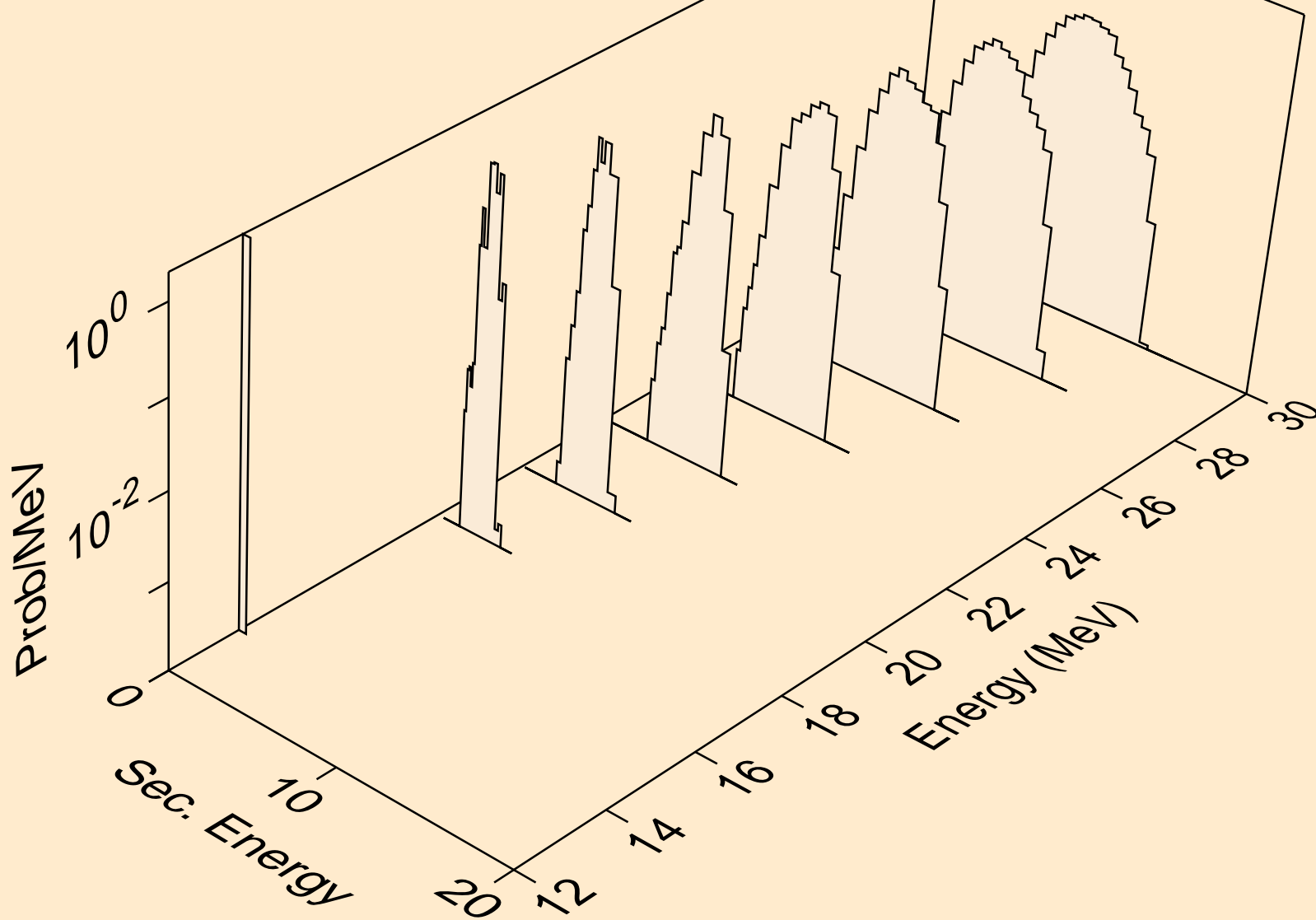
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)

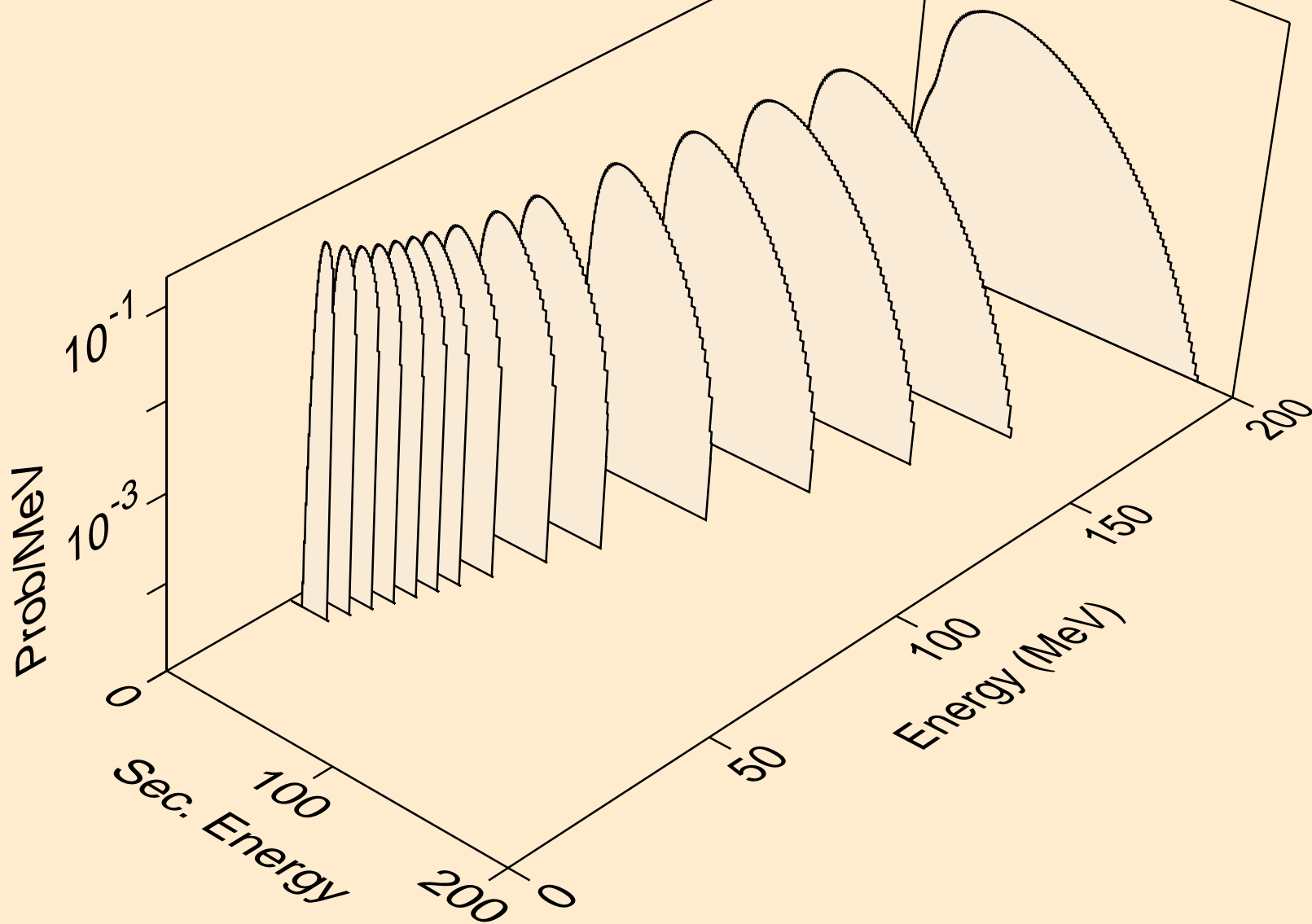


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,pt)

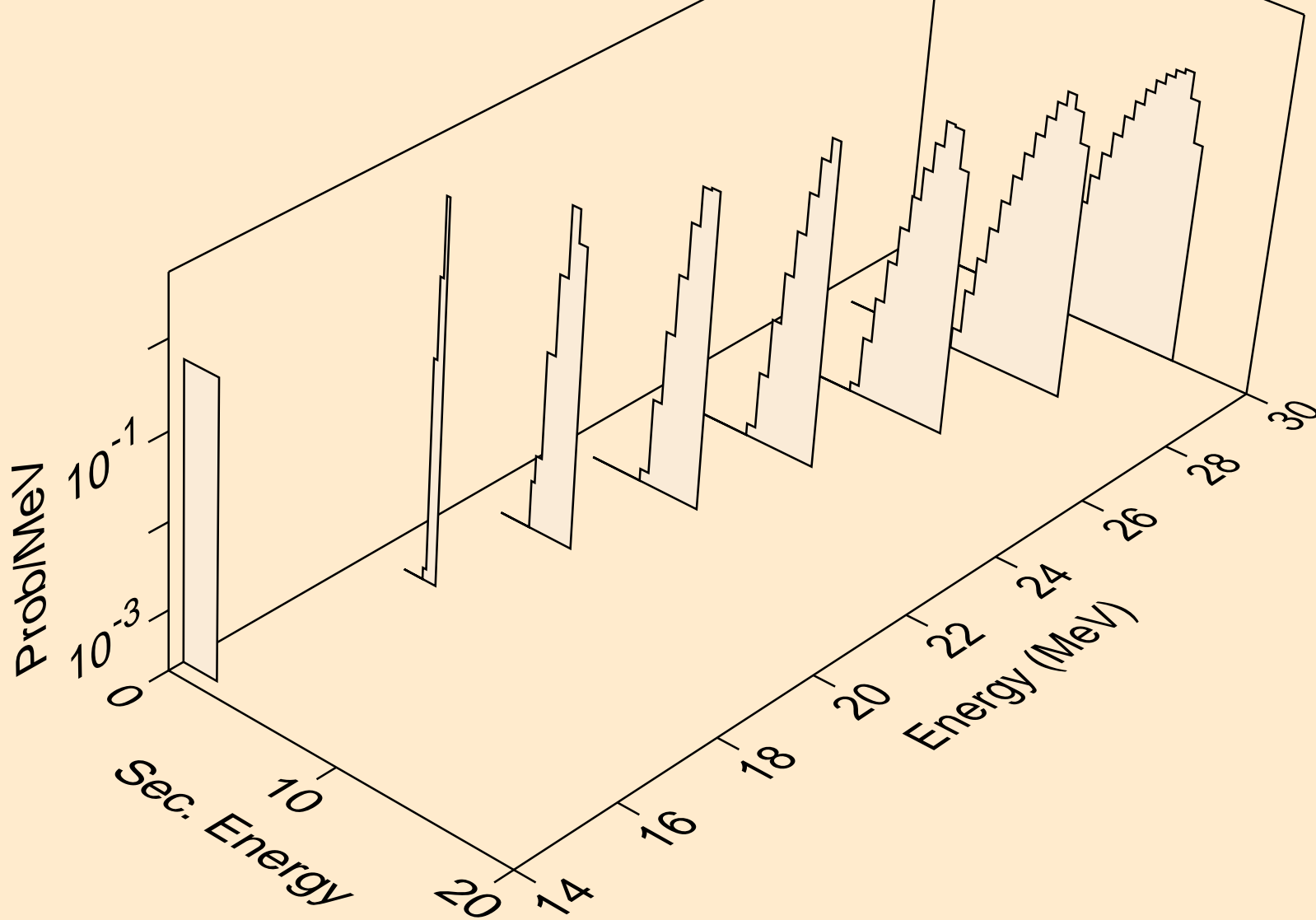




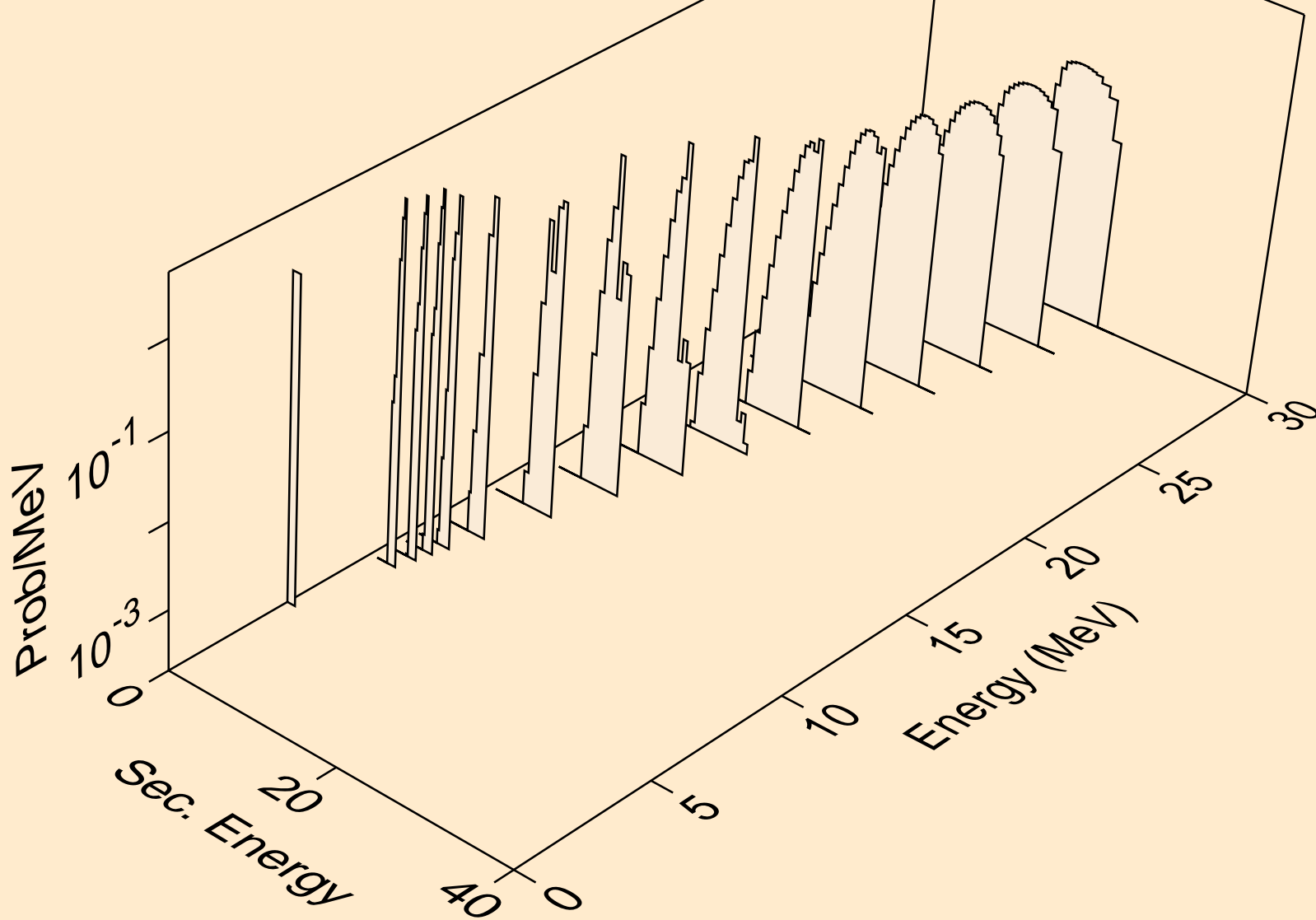
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



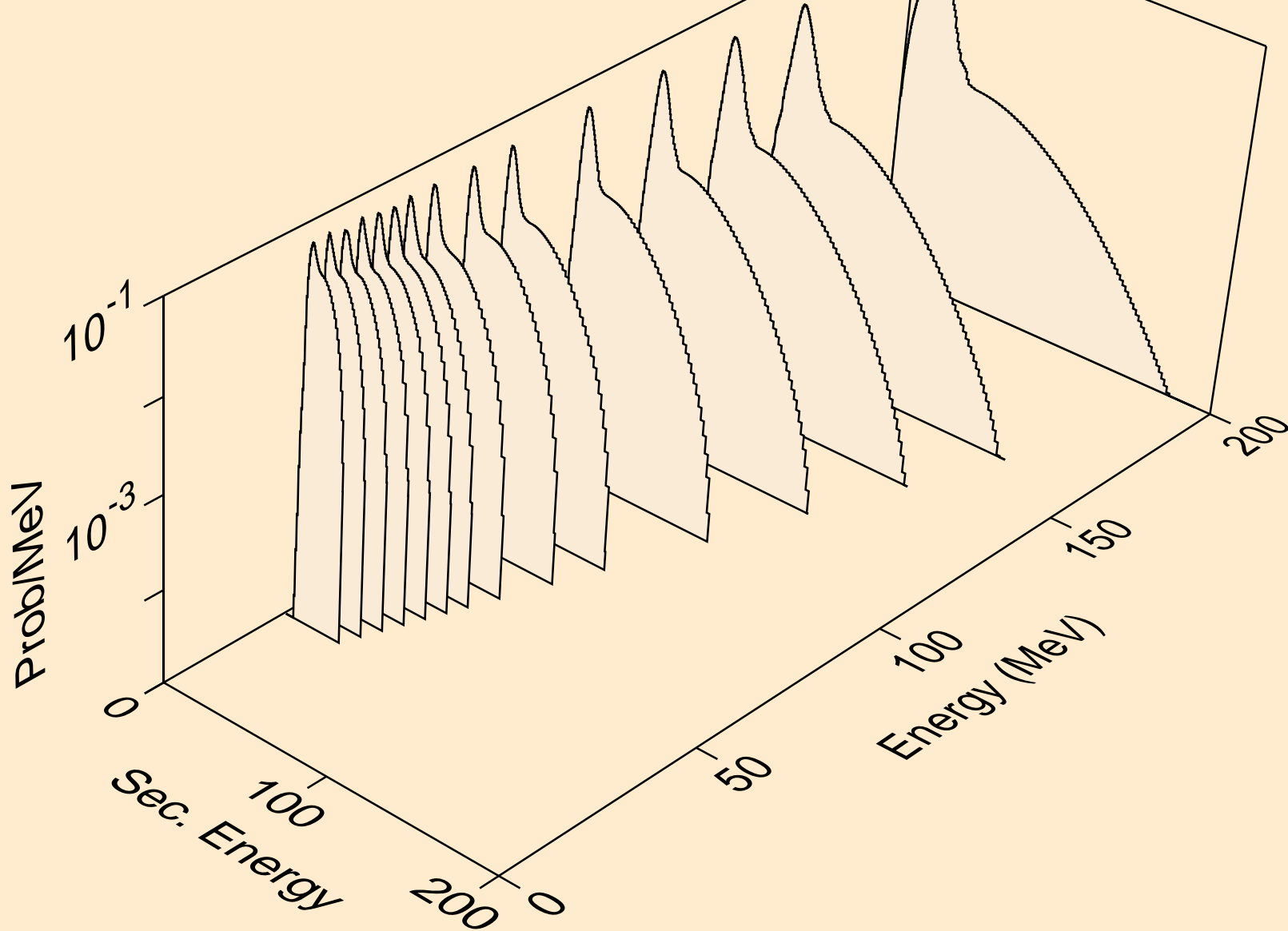
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3



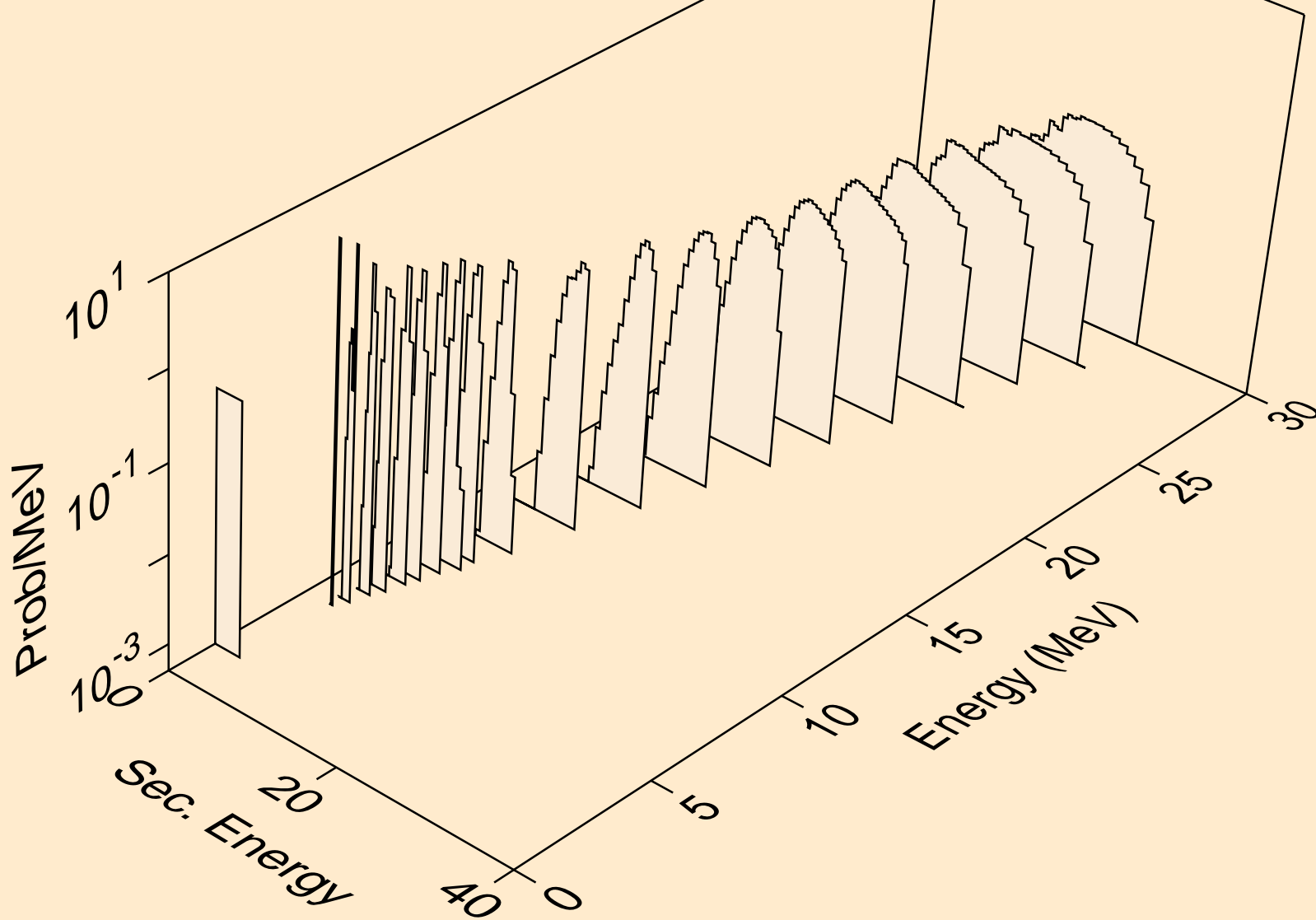
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



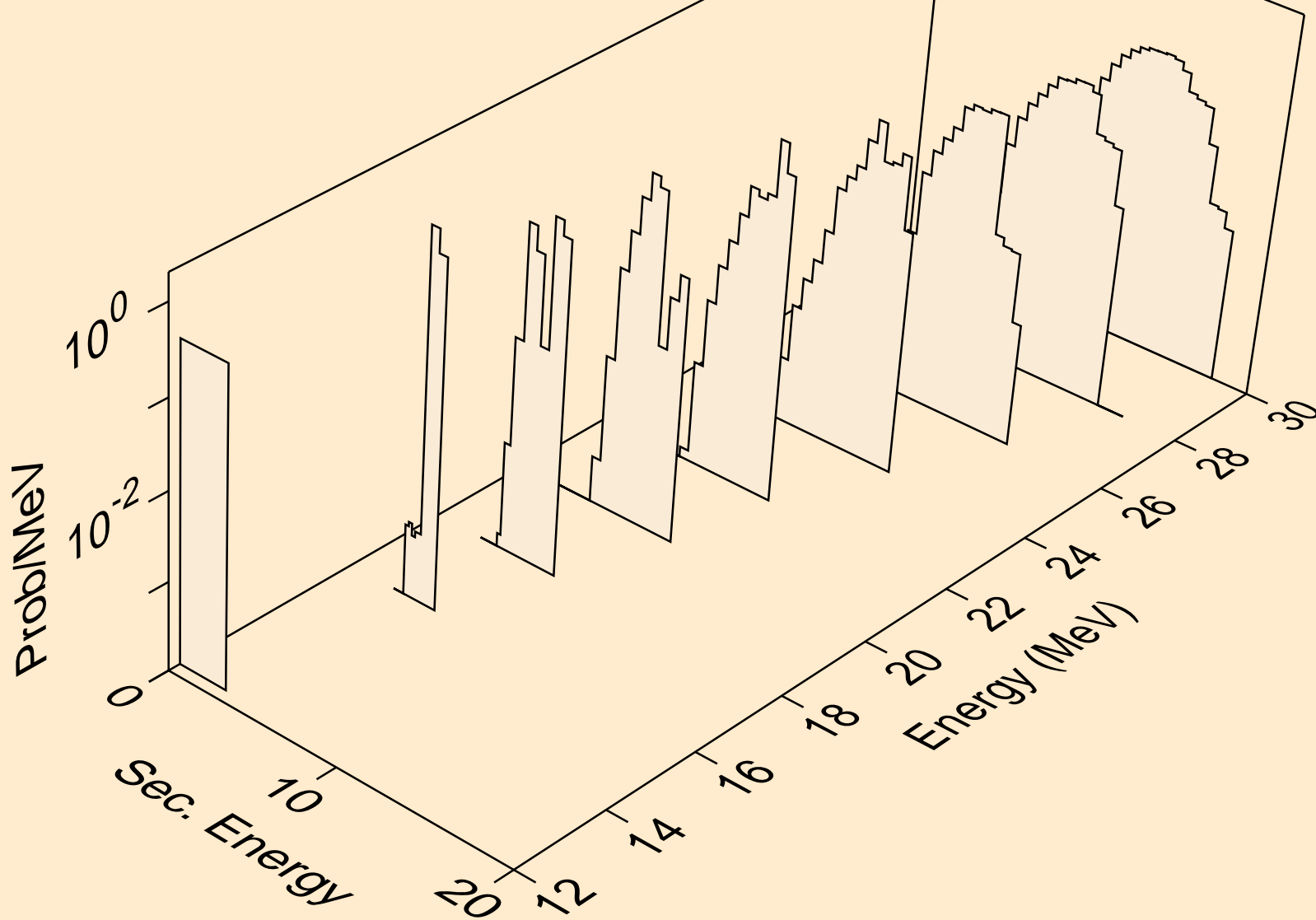
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



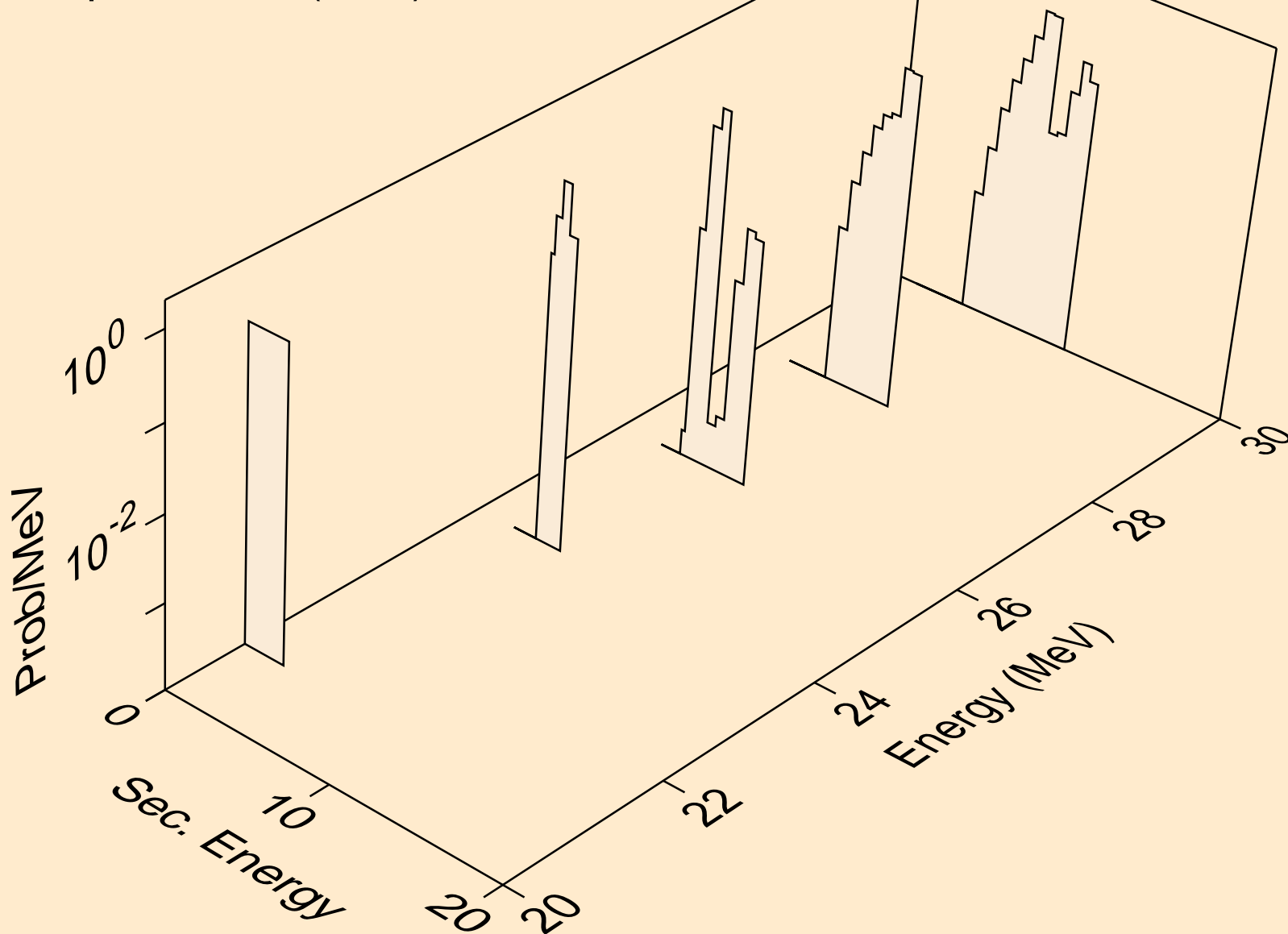
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



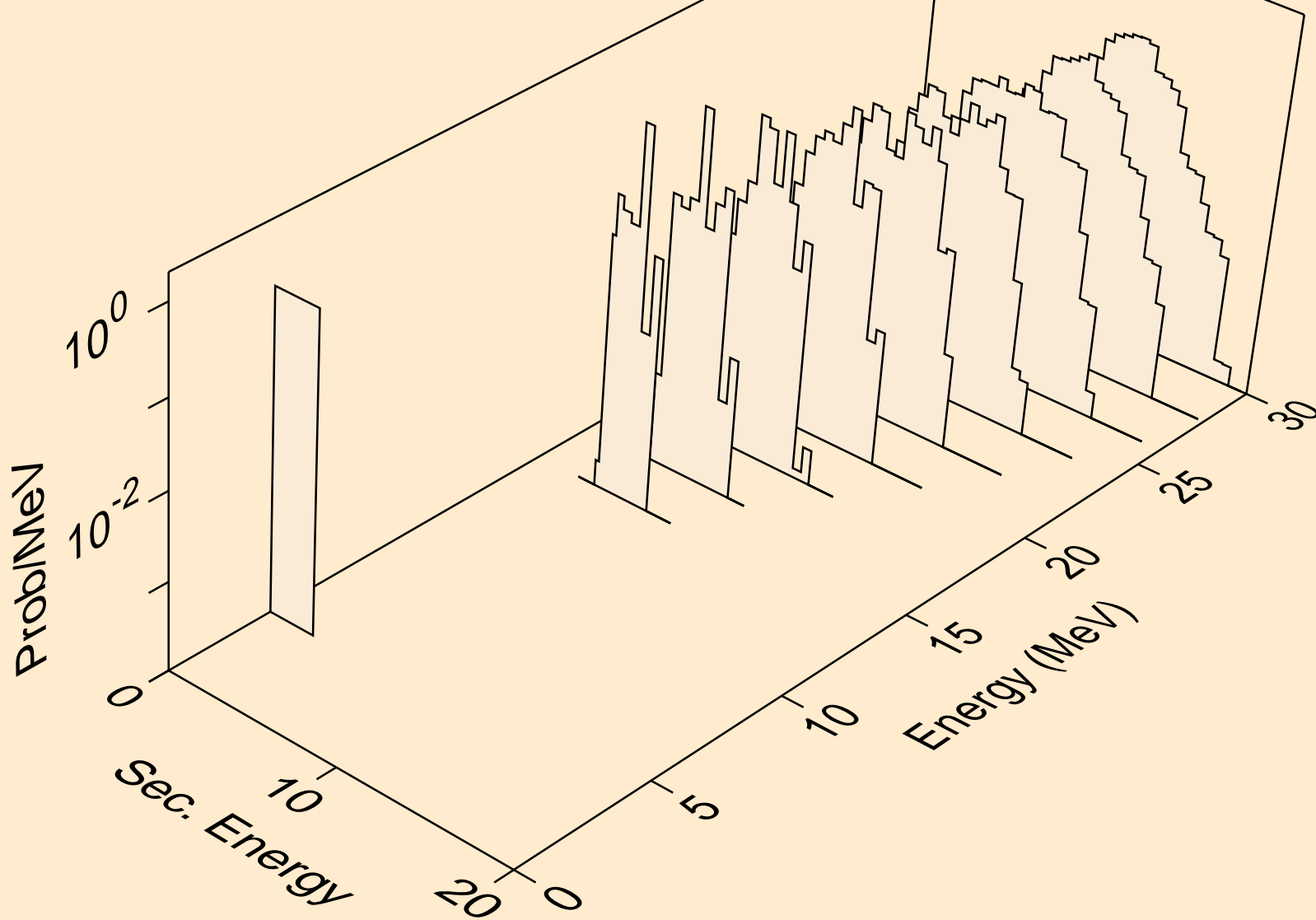
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a

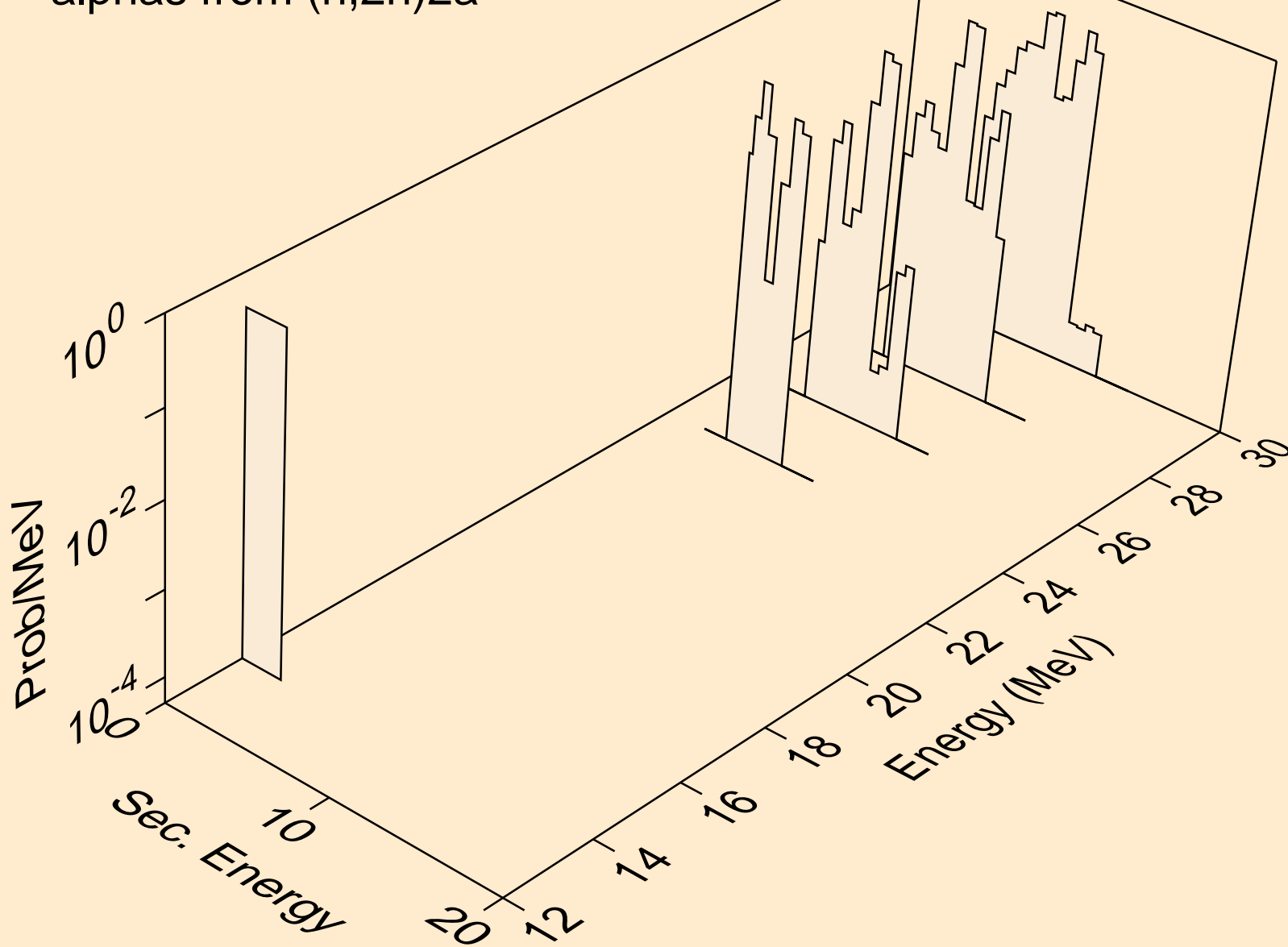


AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a

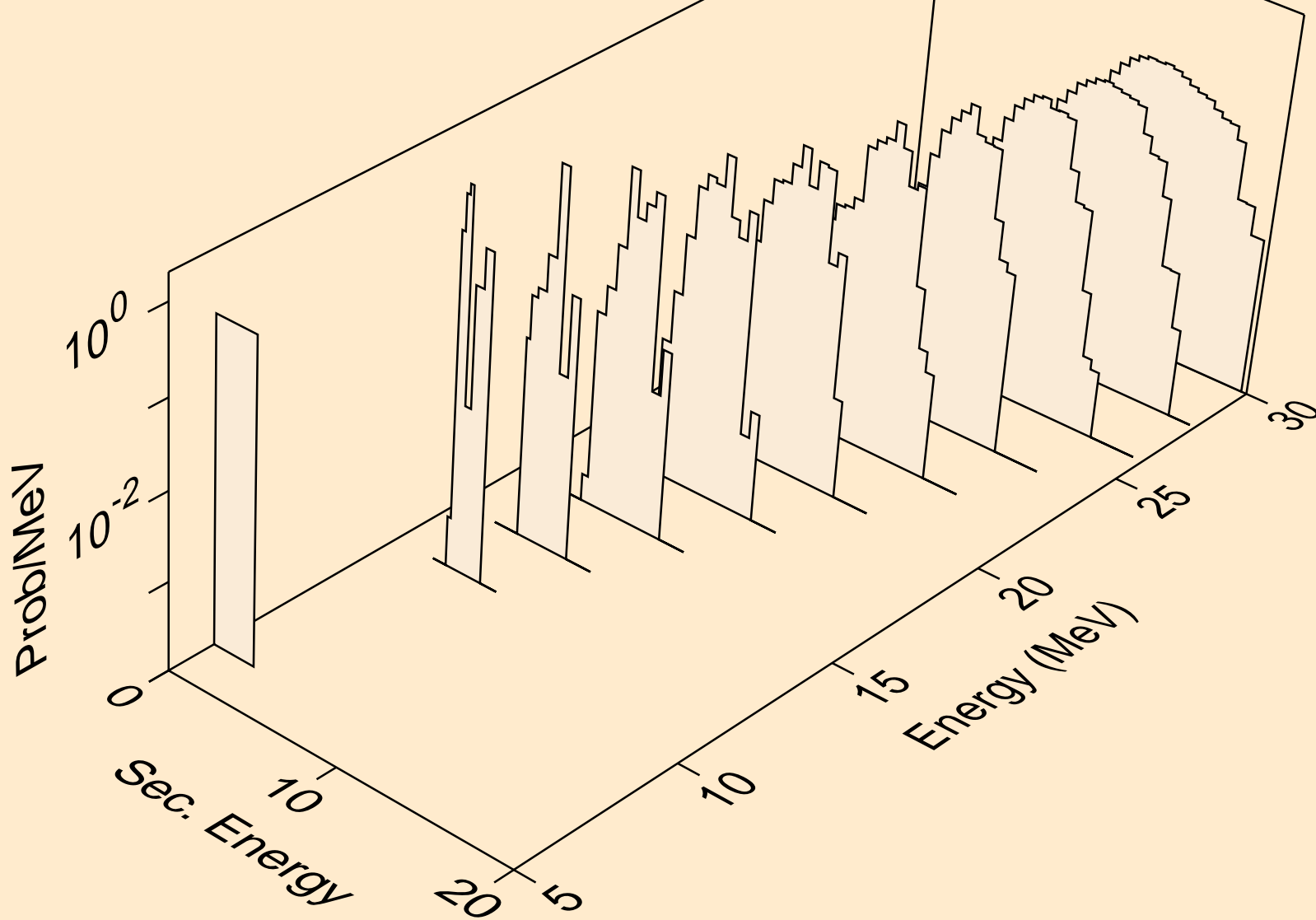




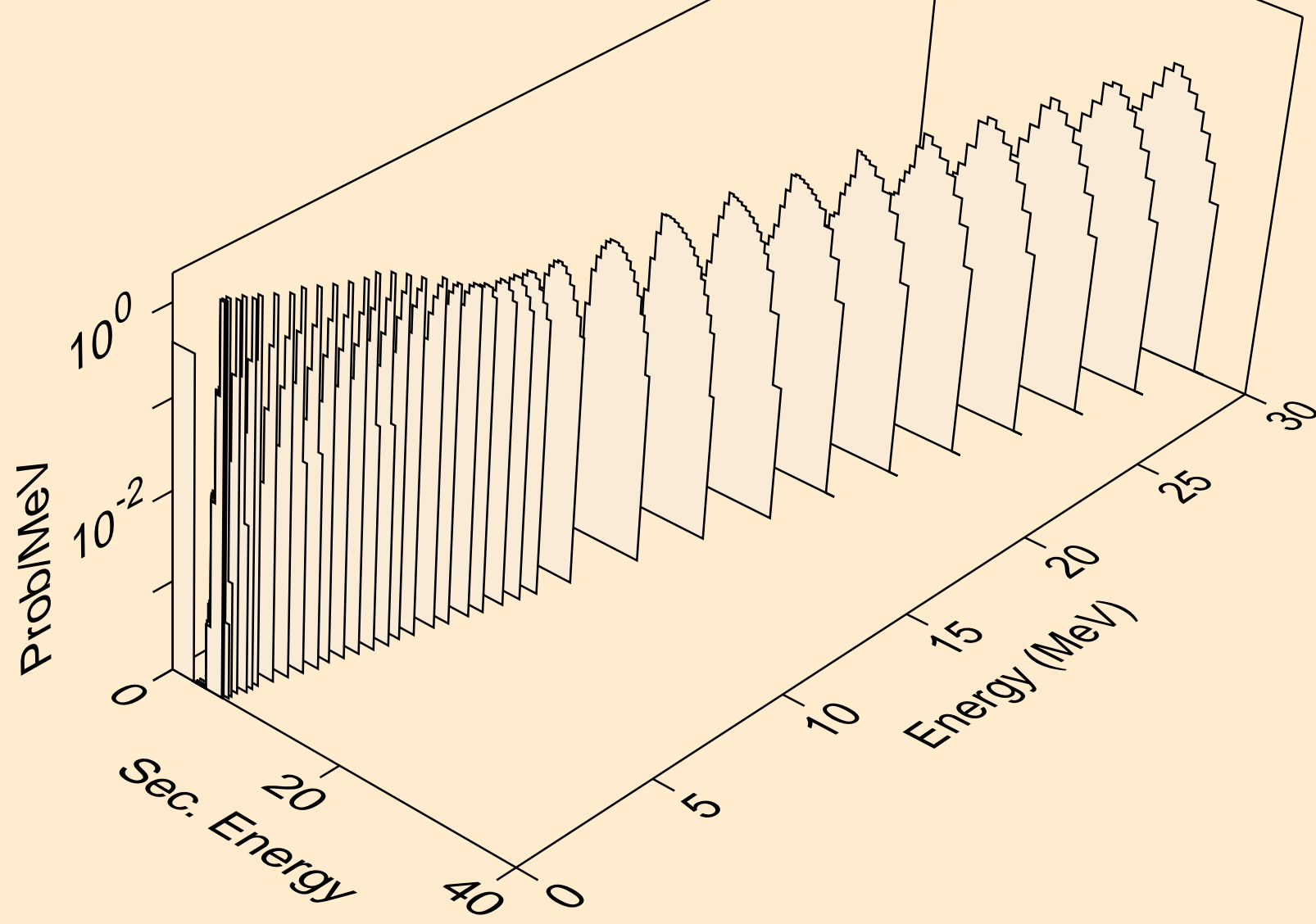
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)2a



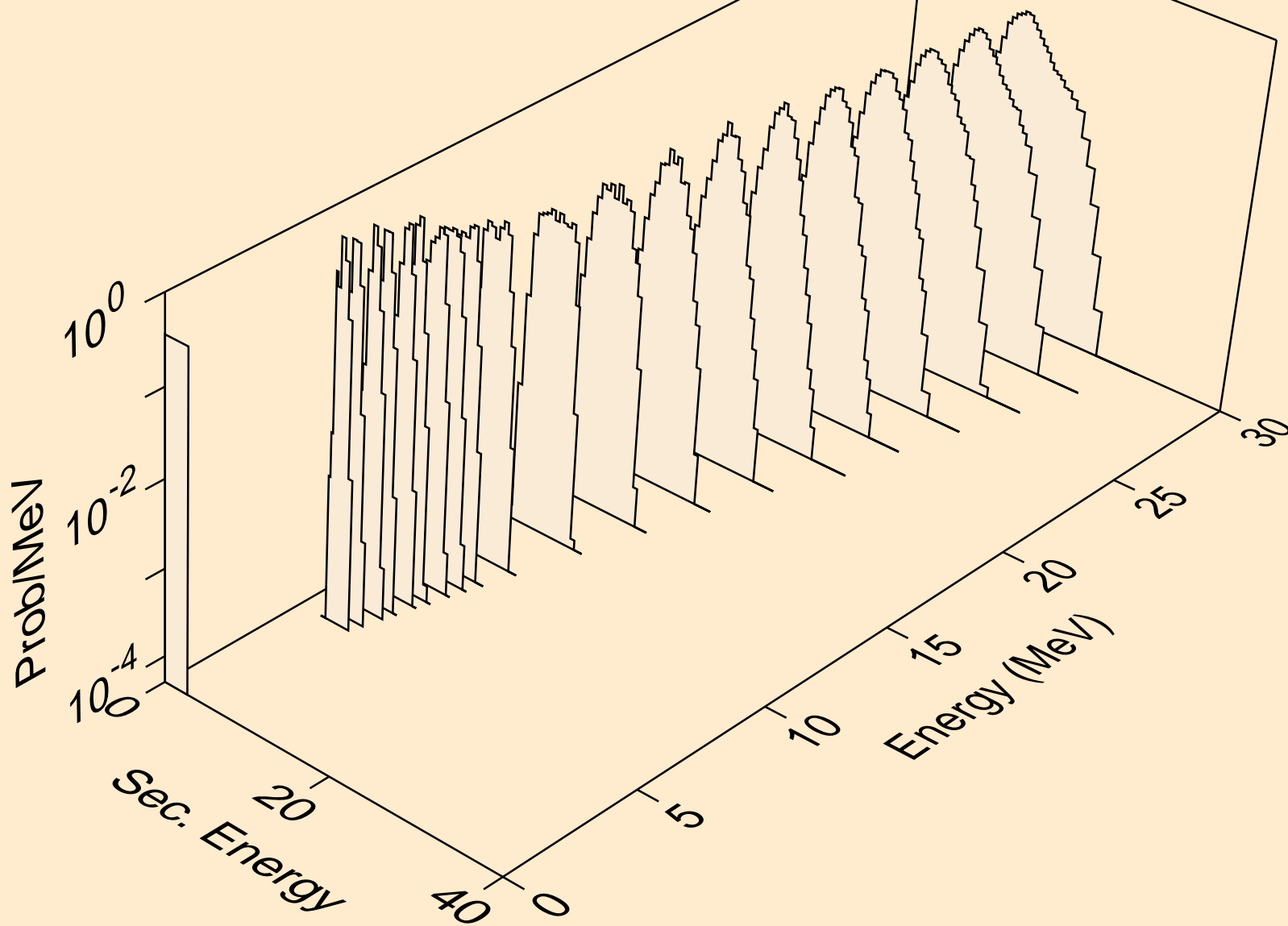
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



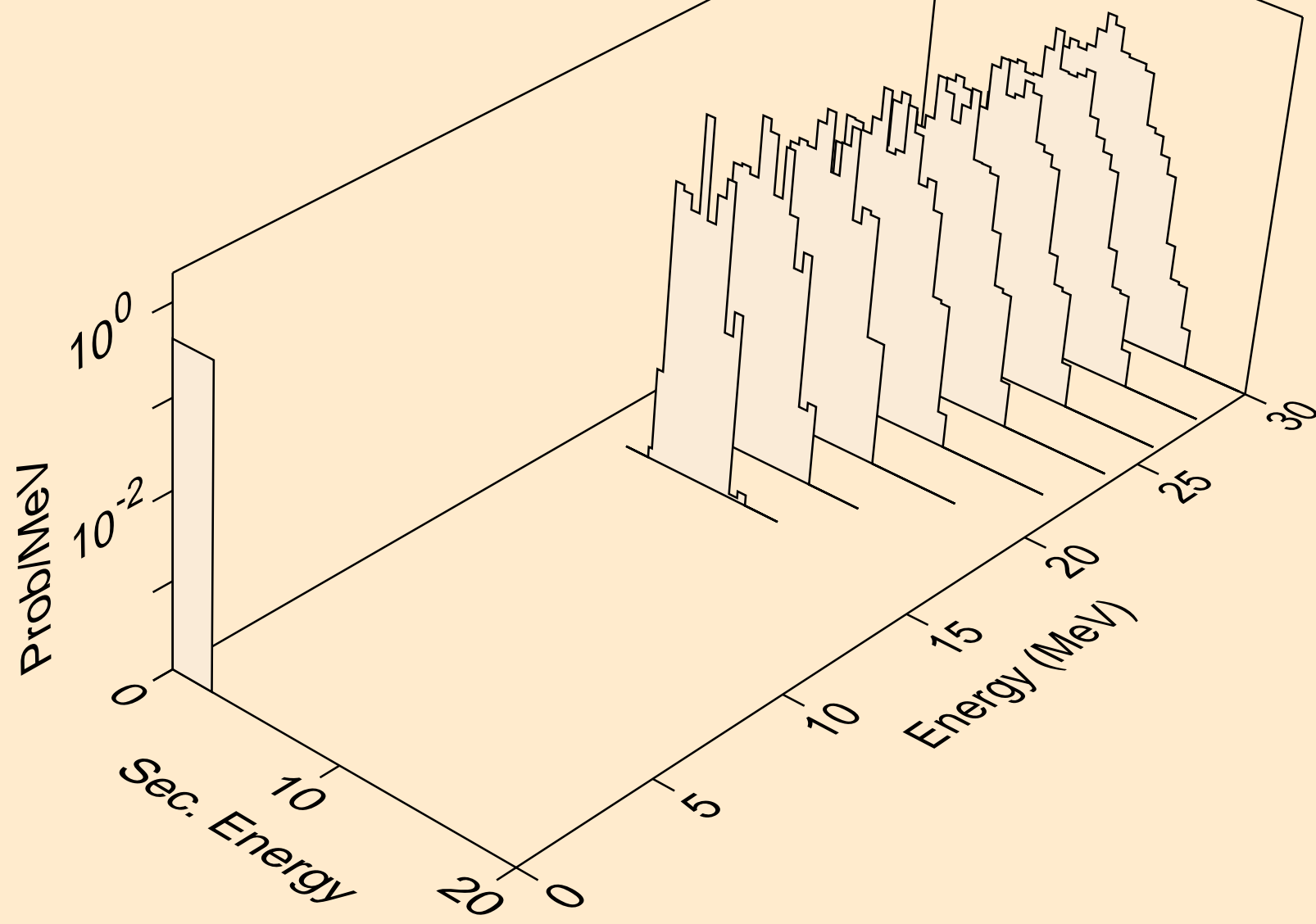
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)



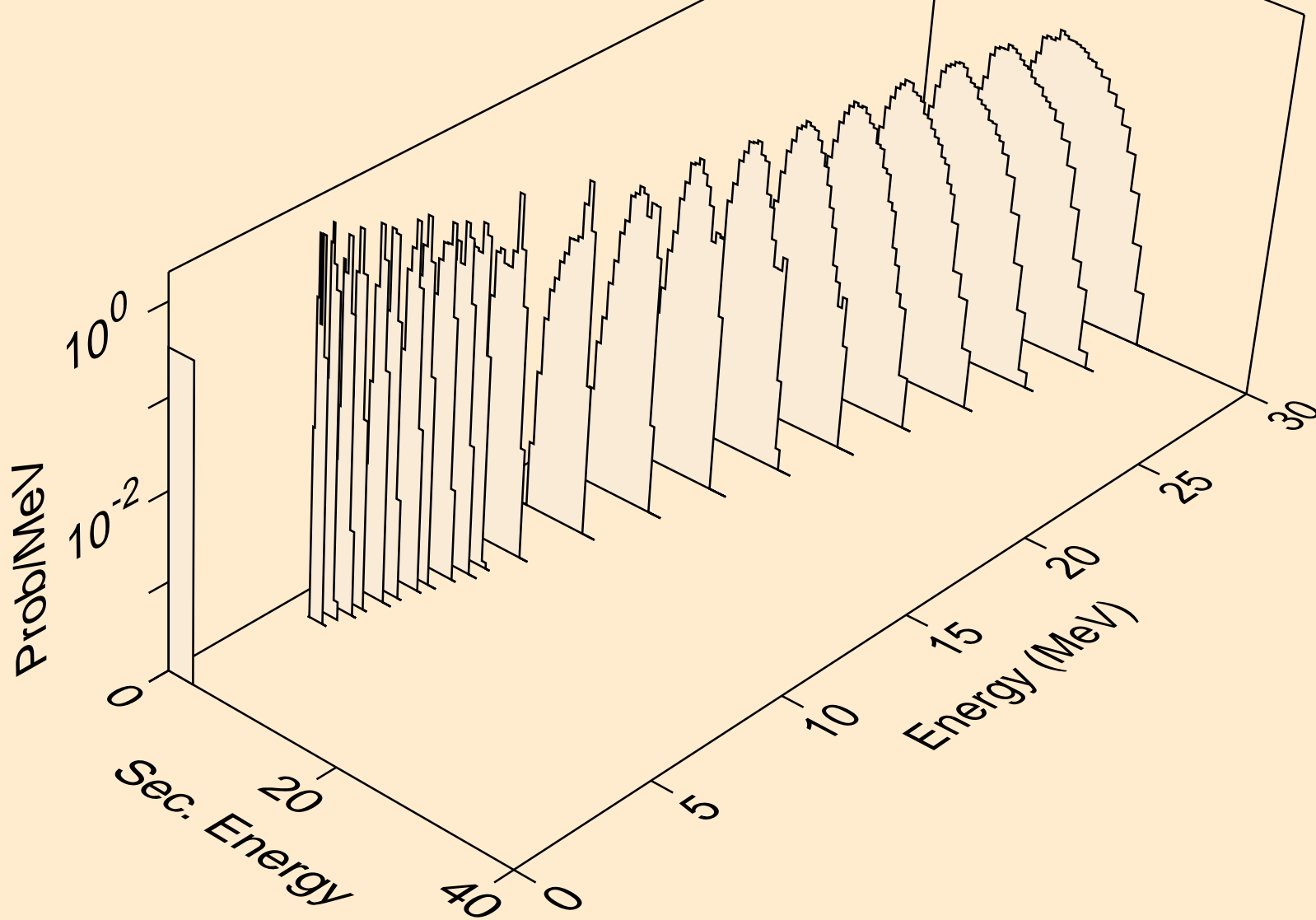
AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2a)



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3a)



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,pa)



AG103 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,da)

