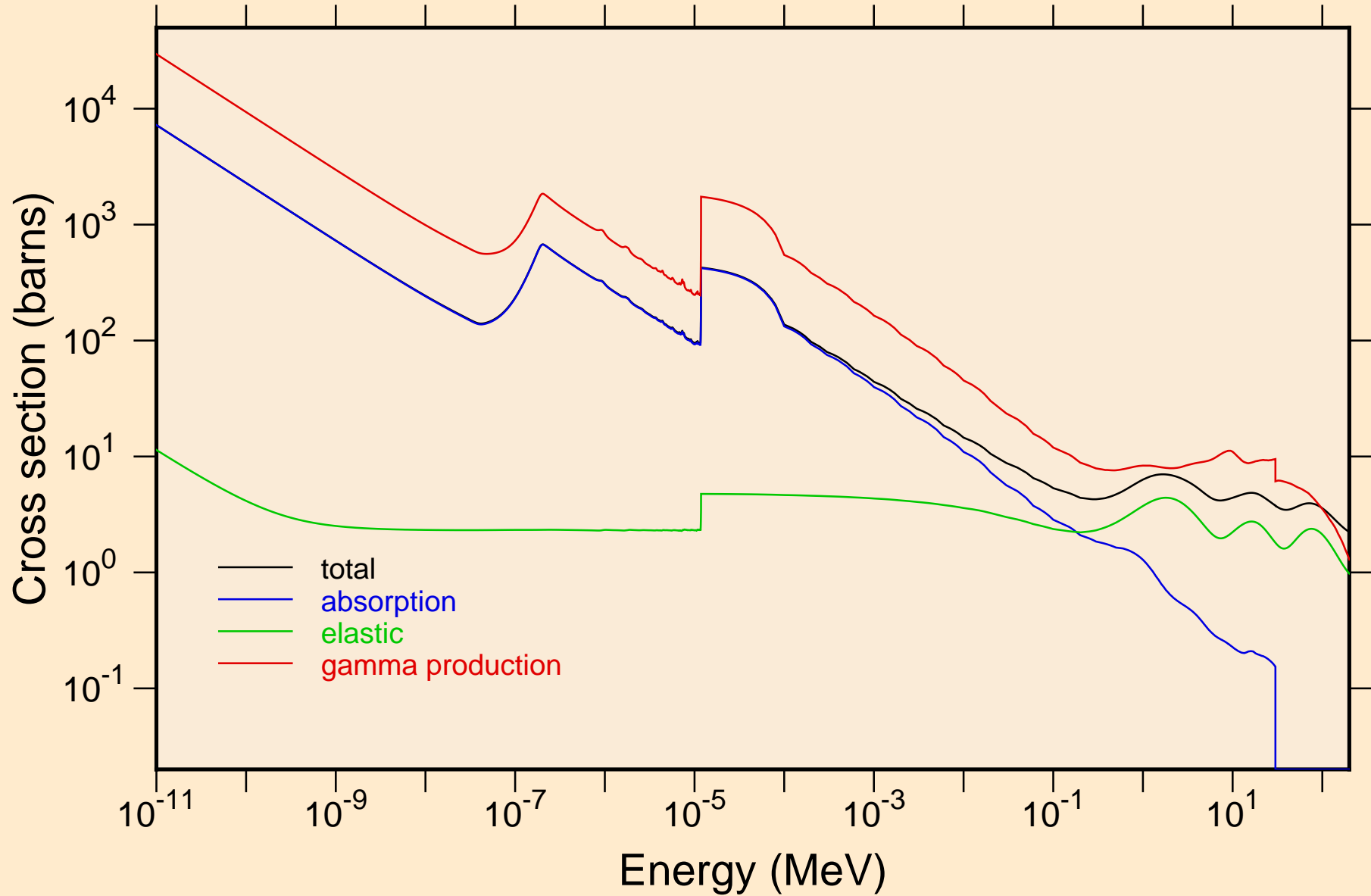
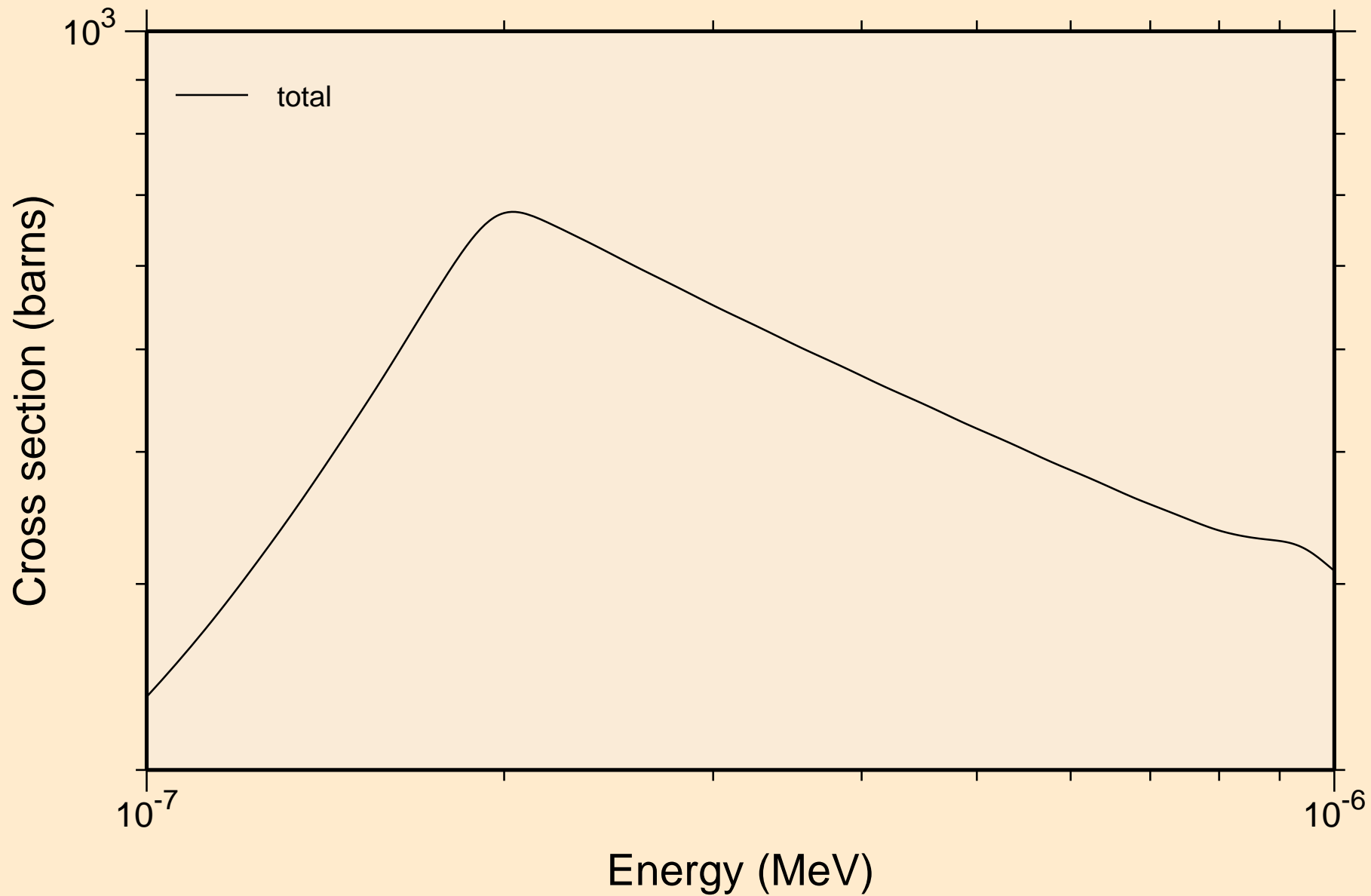


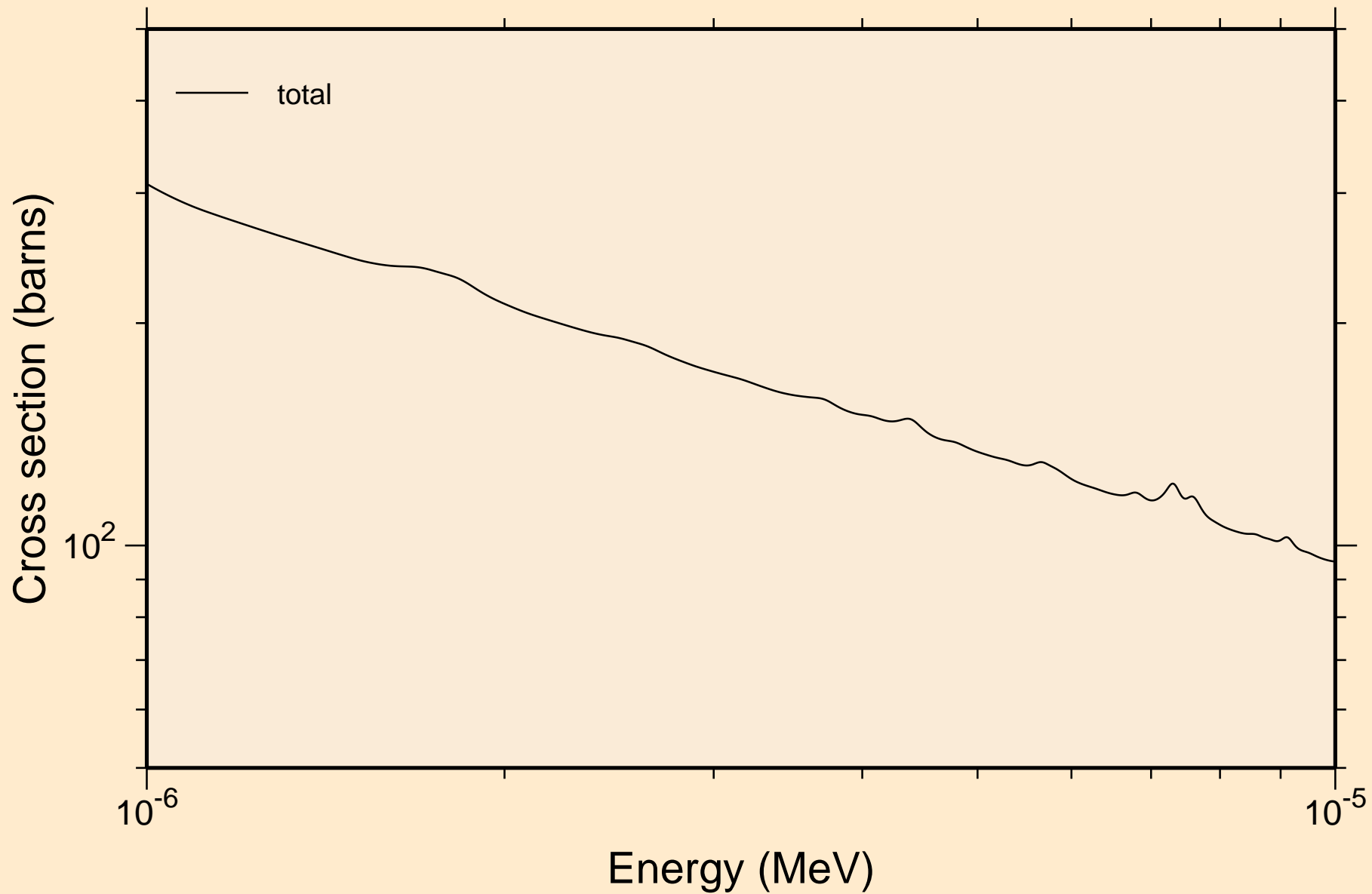
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



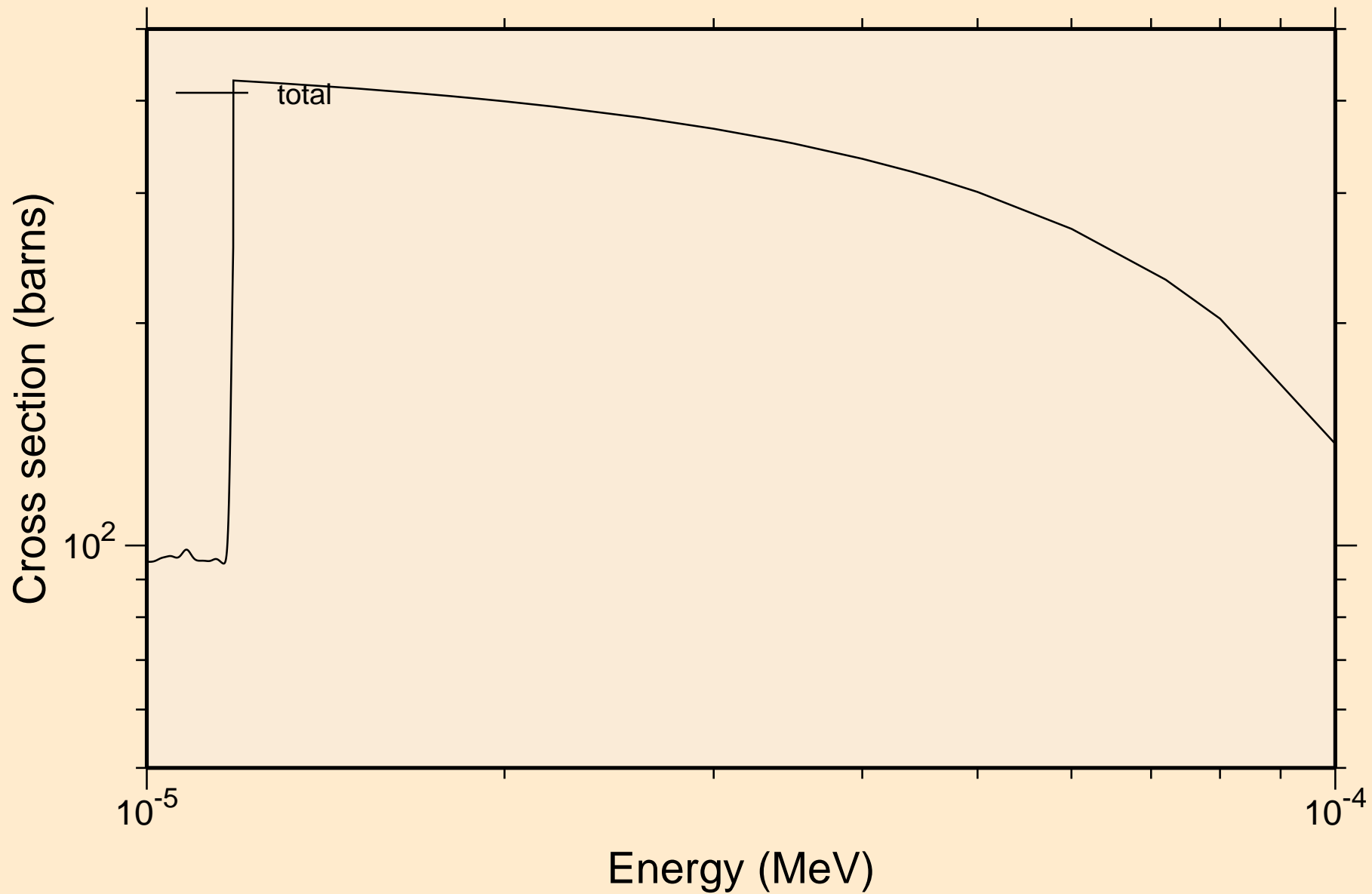
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



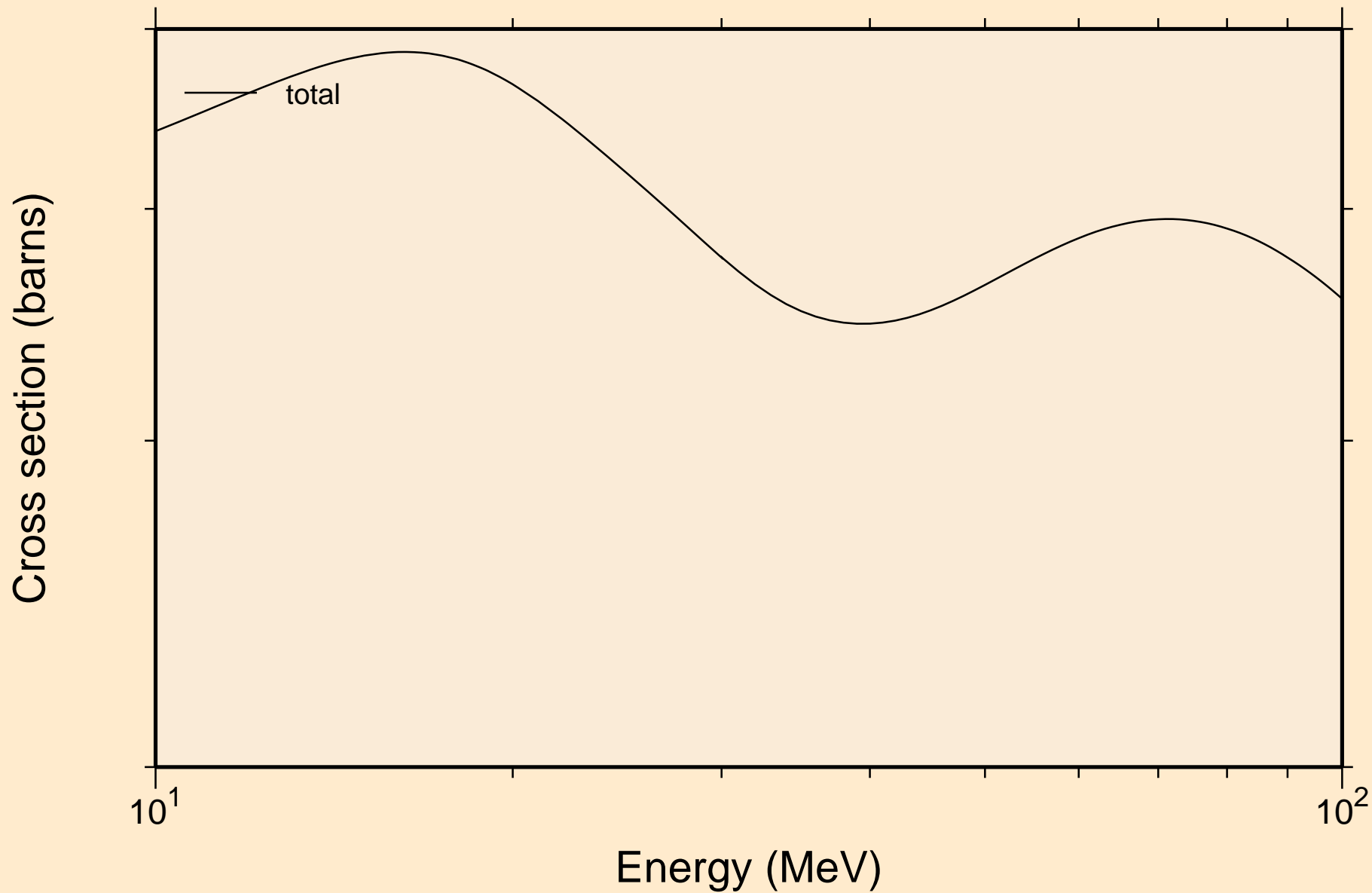
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



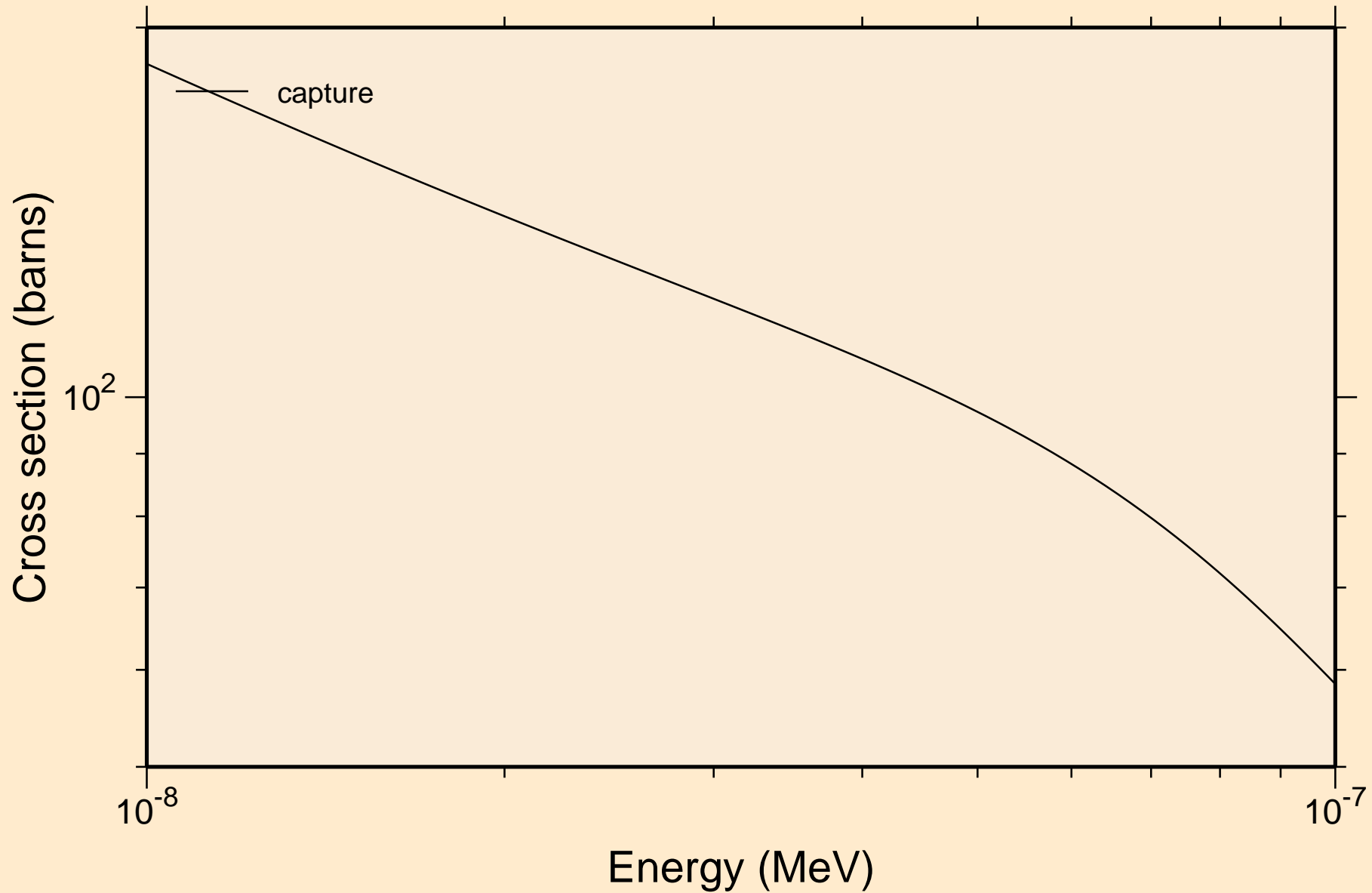
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



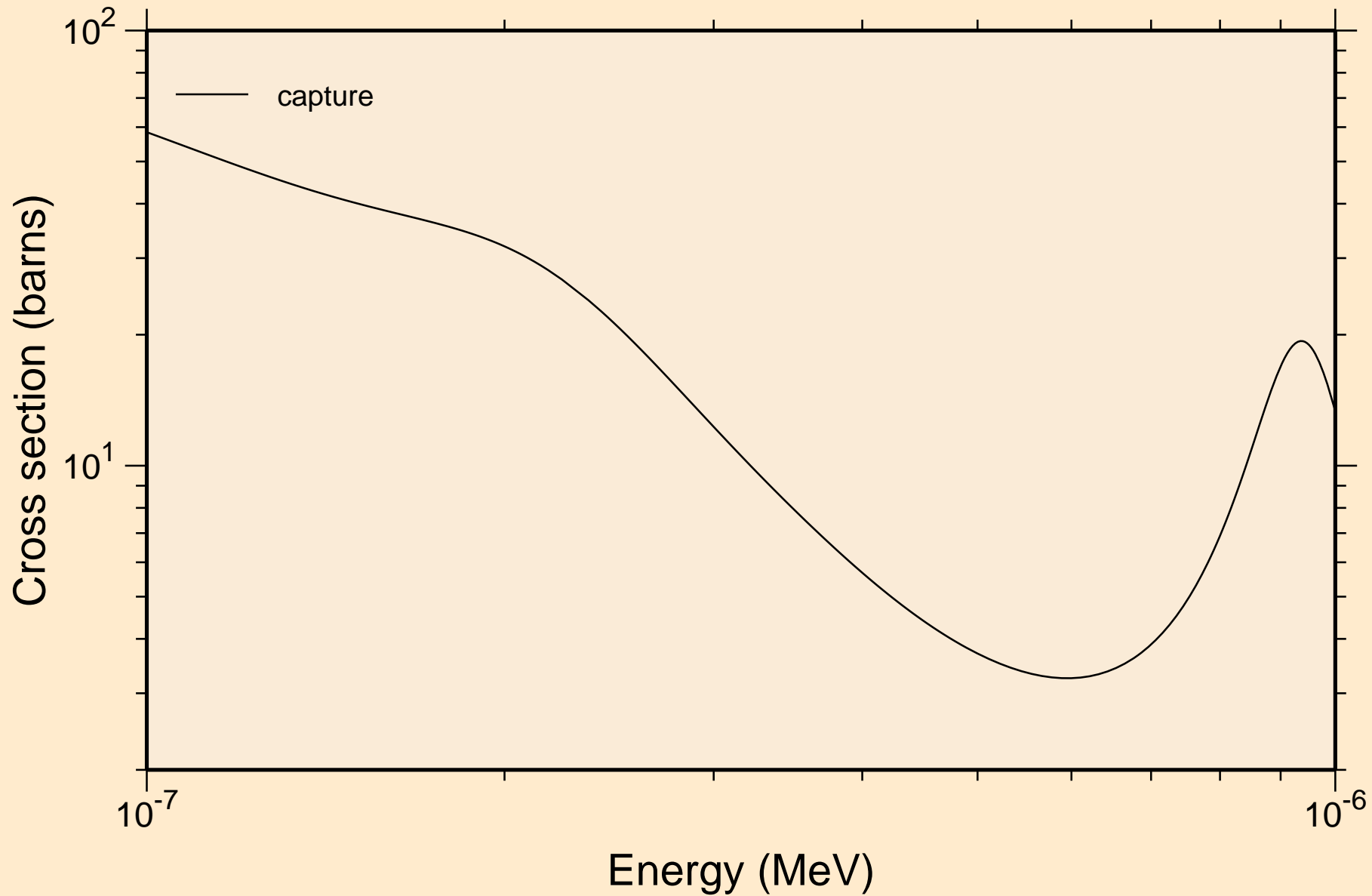
P̄M138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



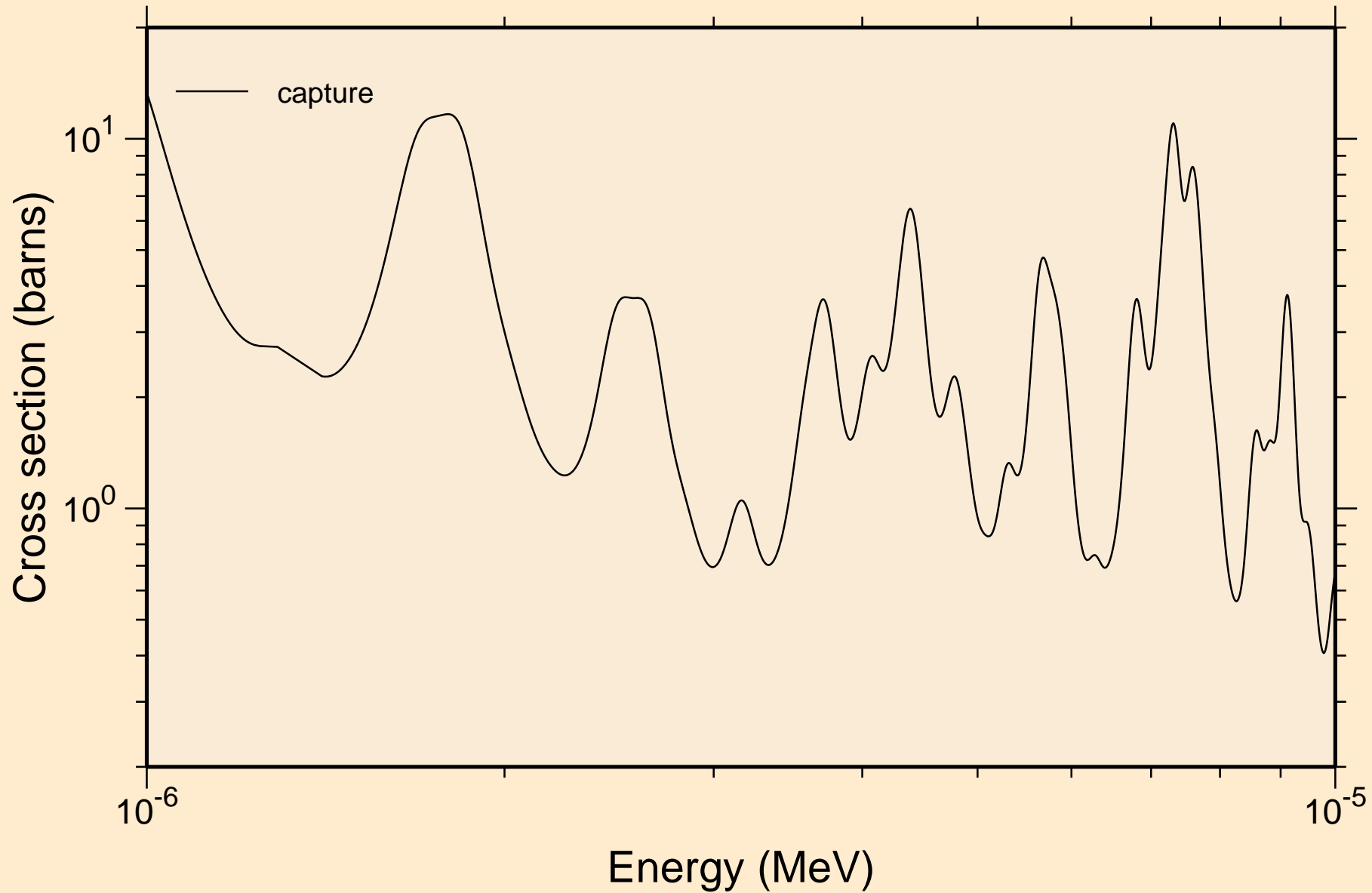
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

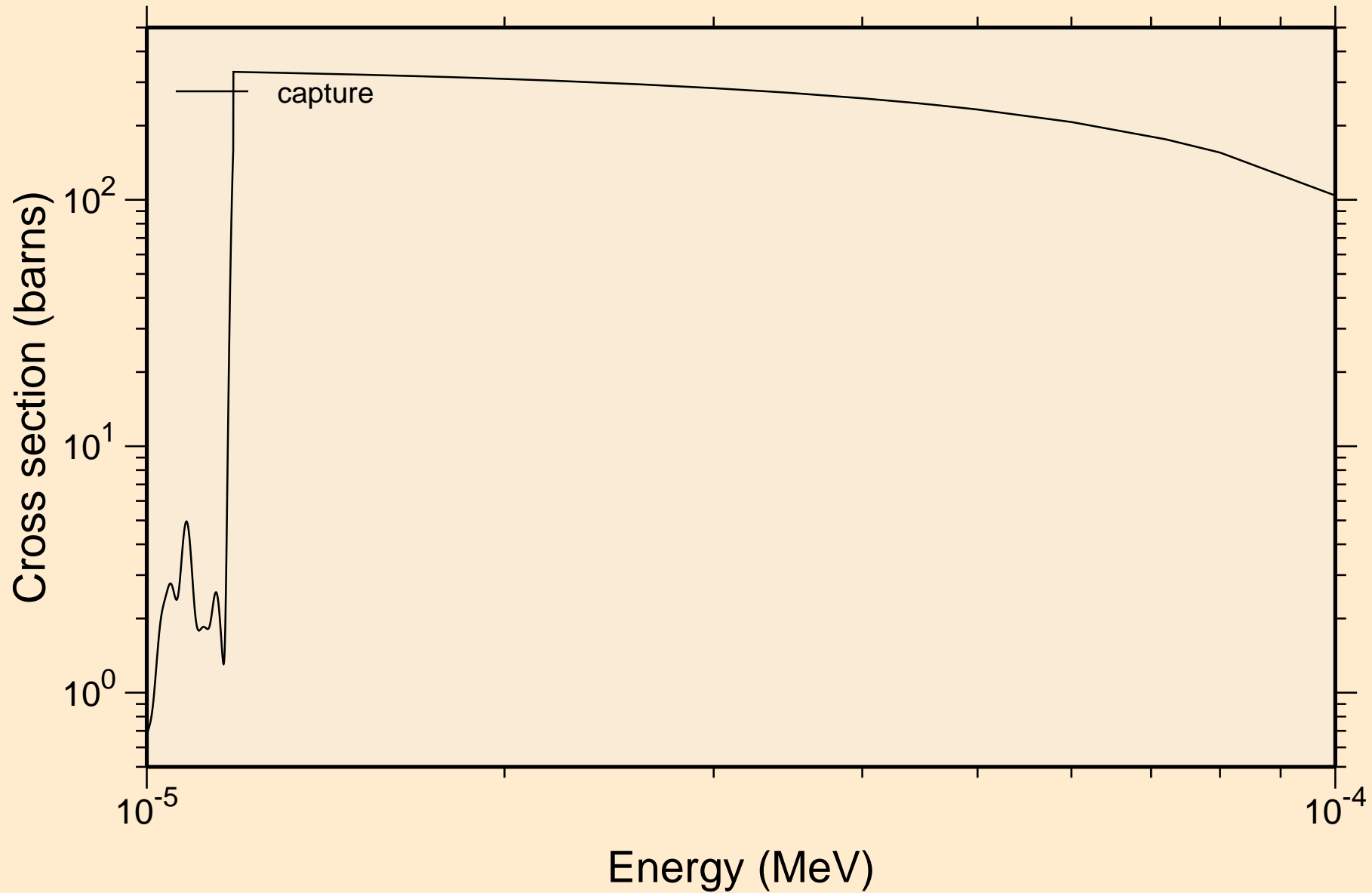


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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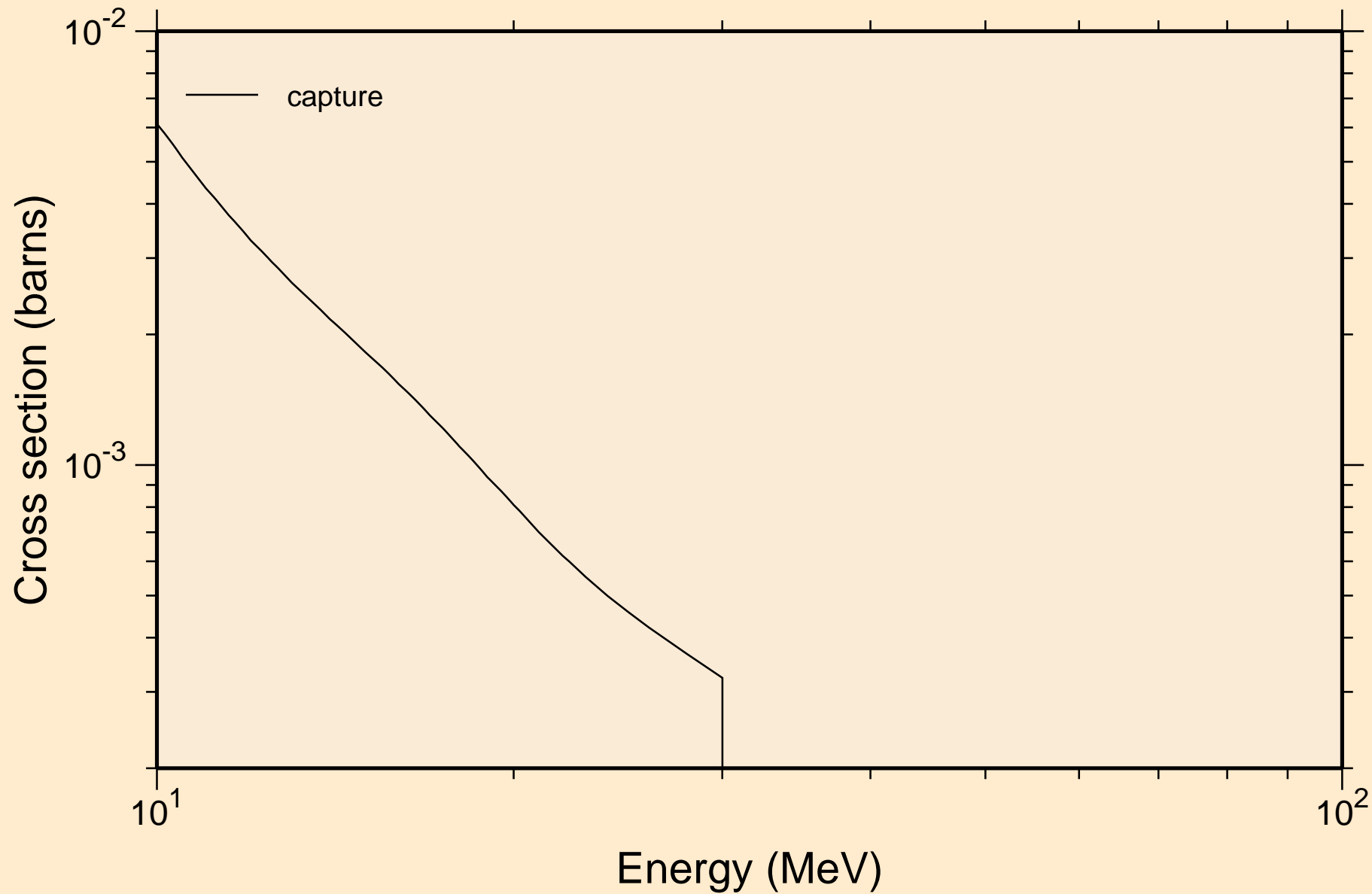




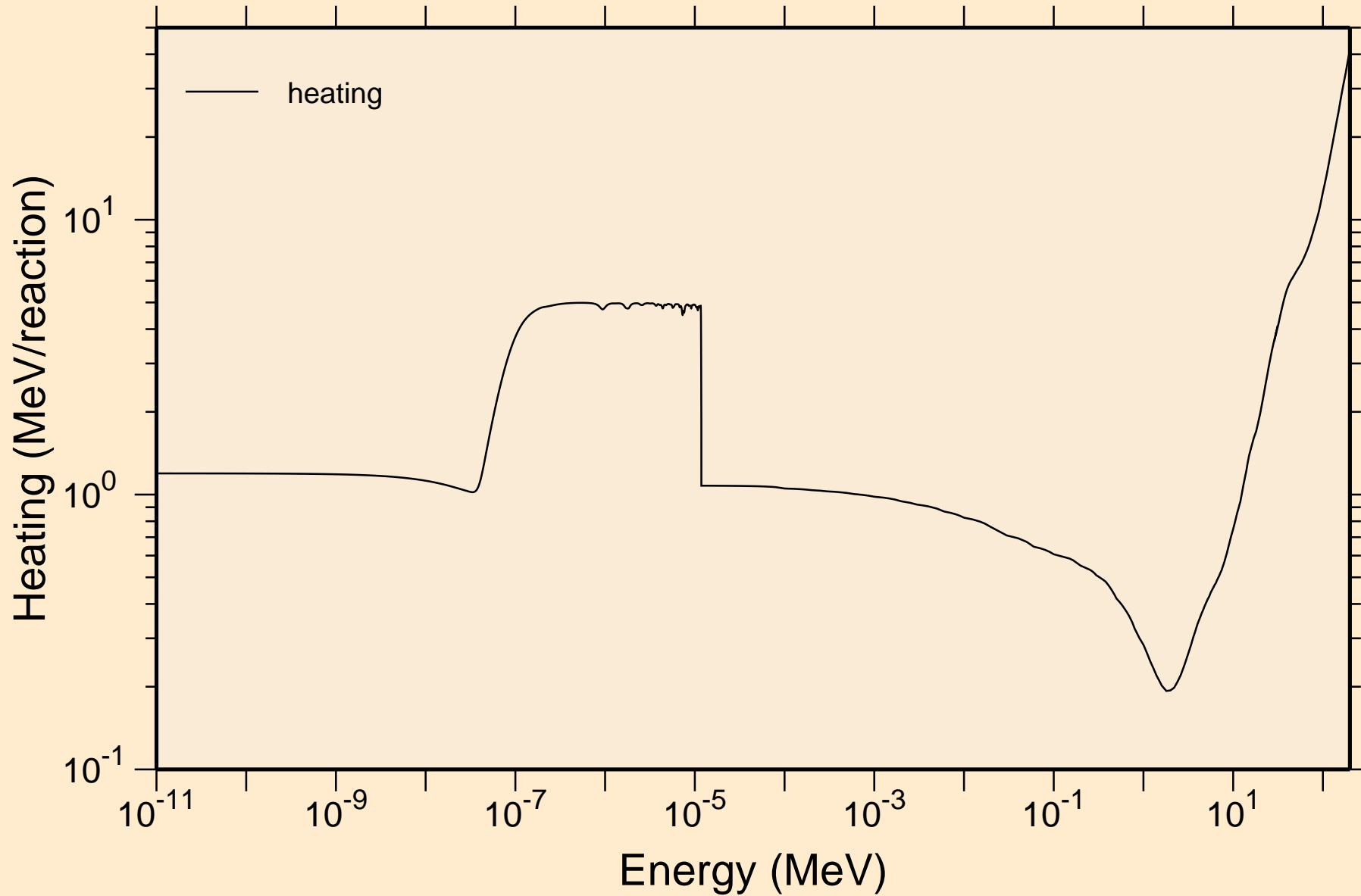
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



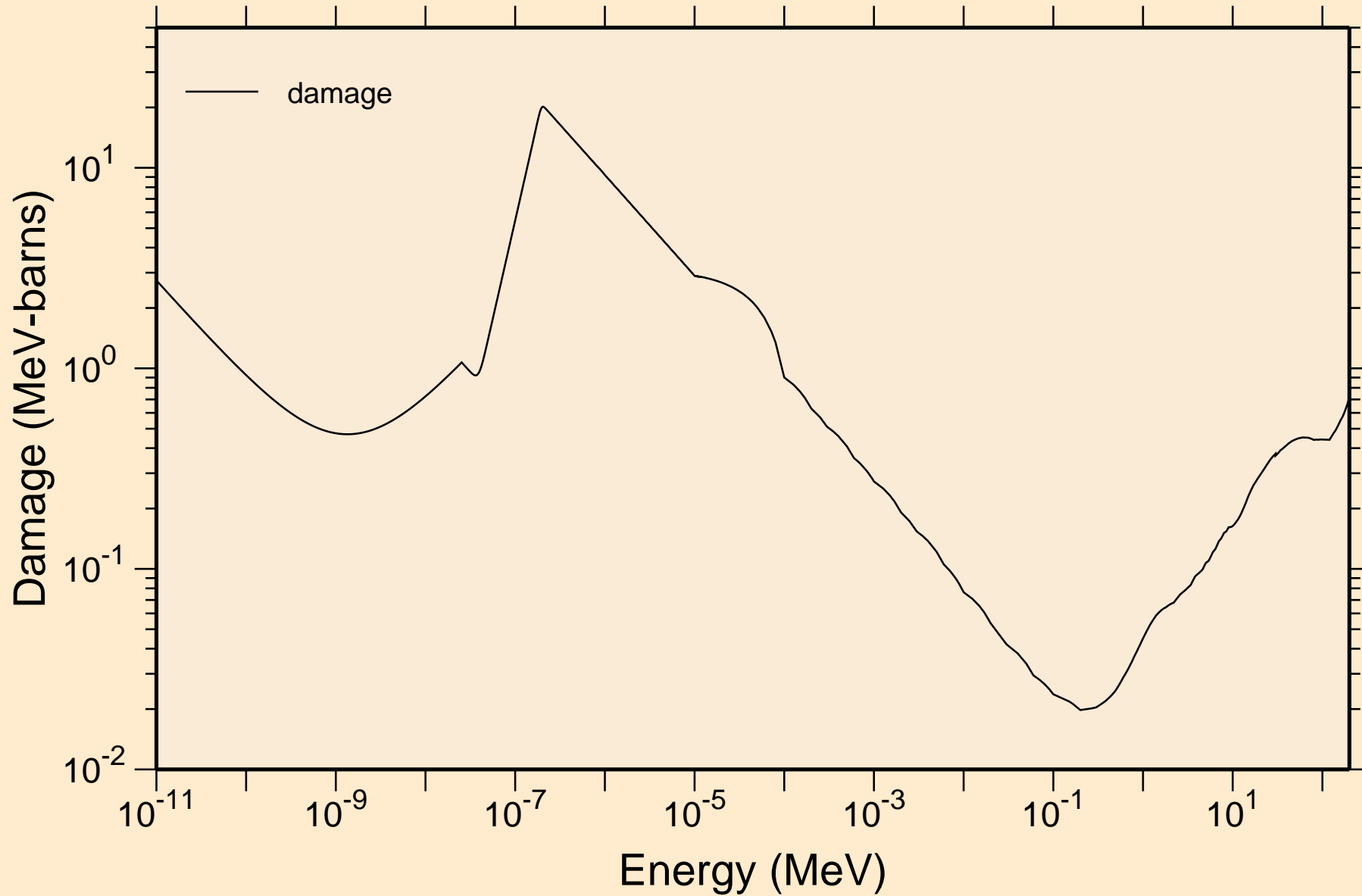
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



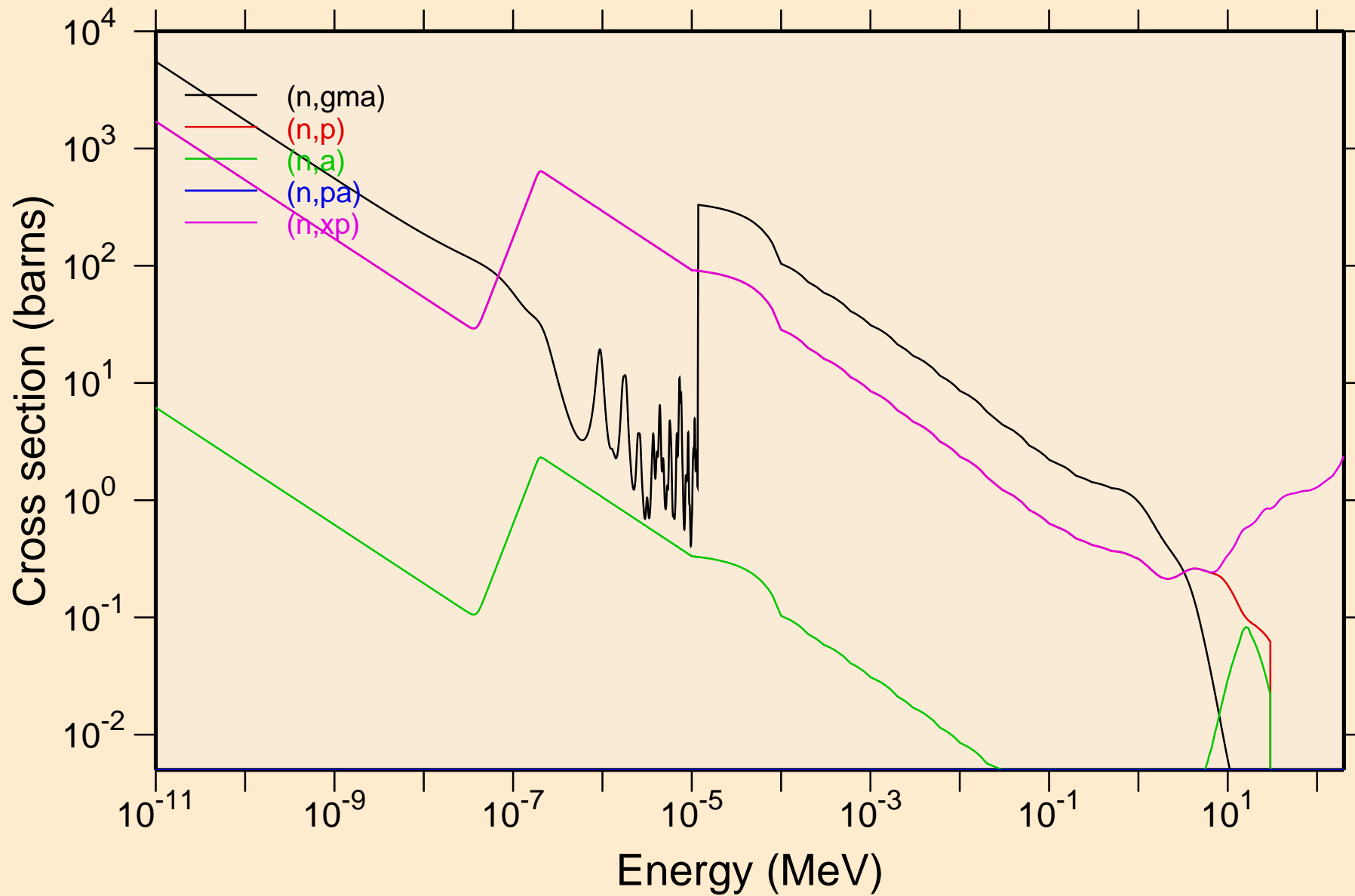
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



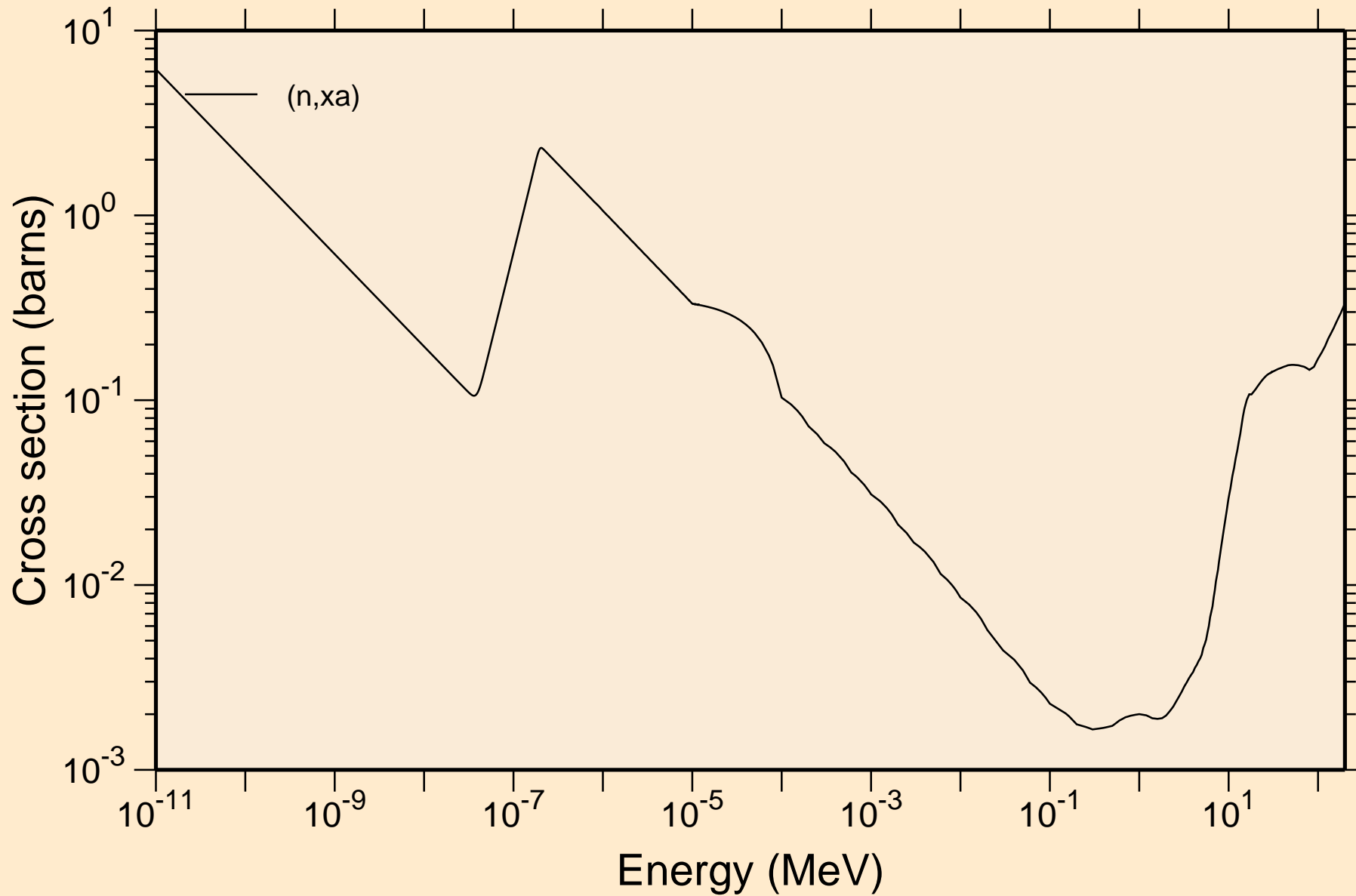
# PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K Damage



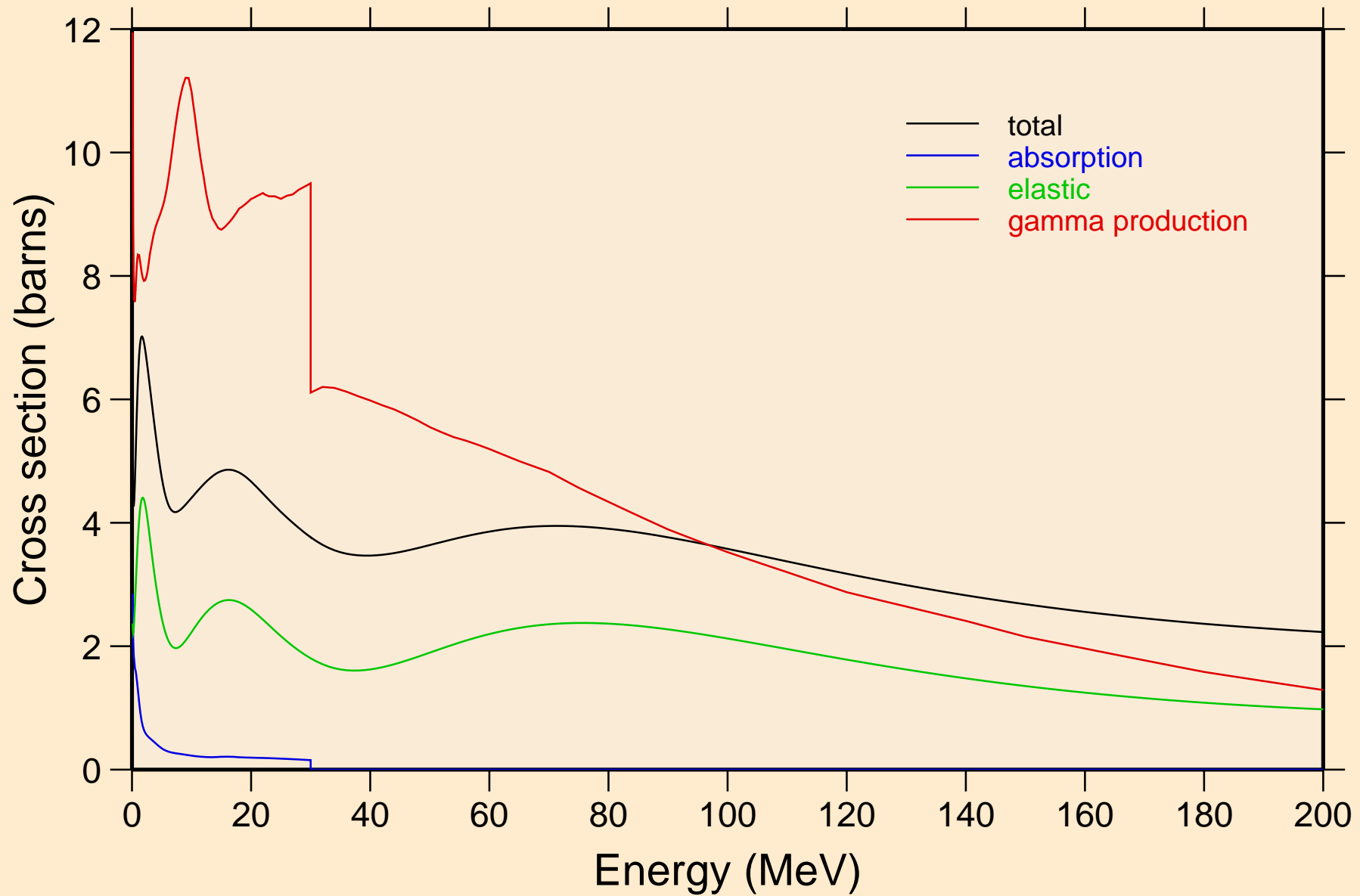
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



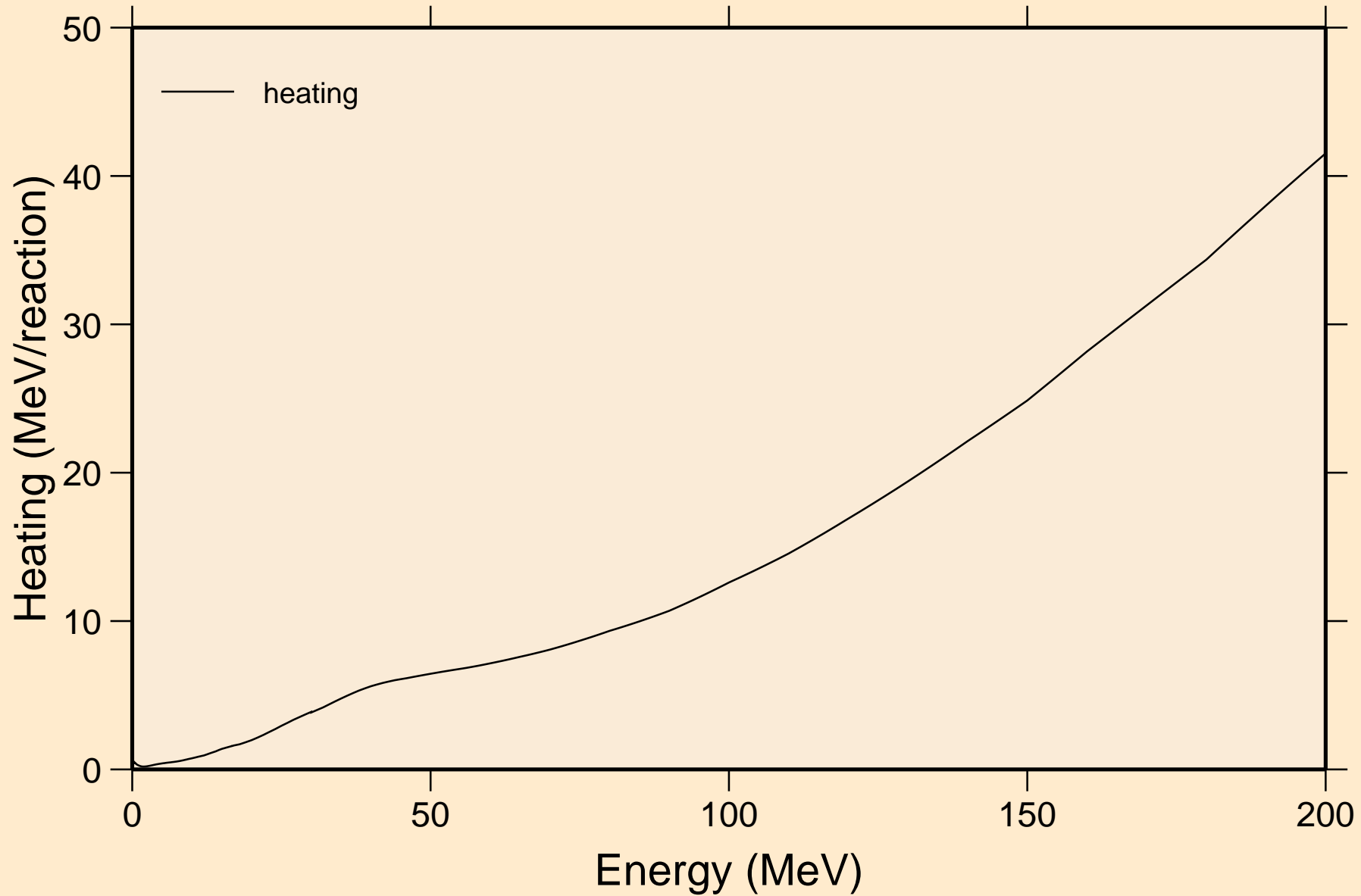
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

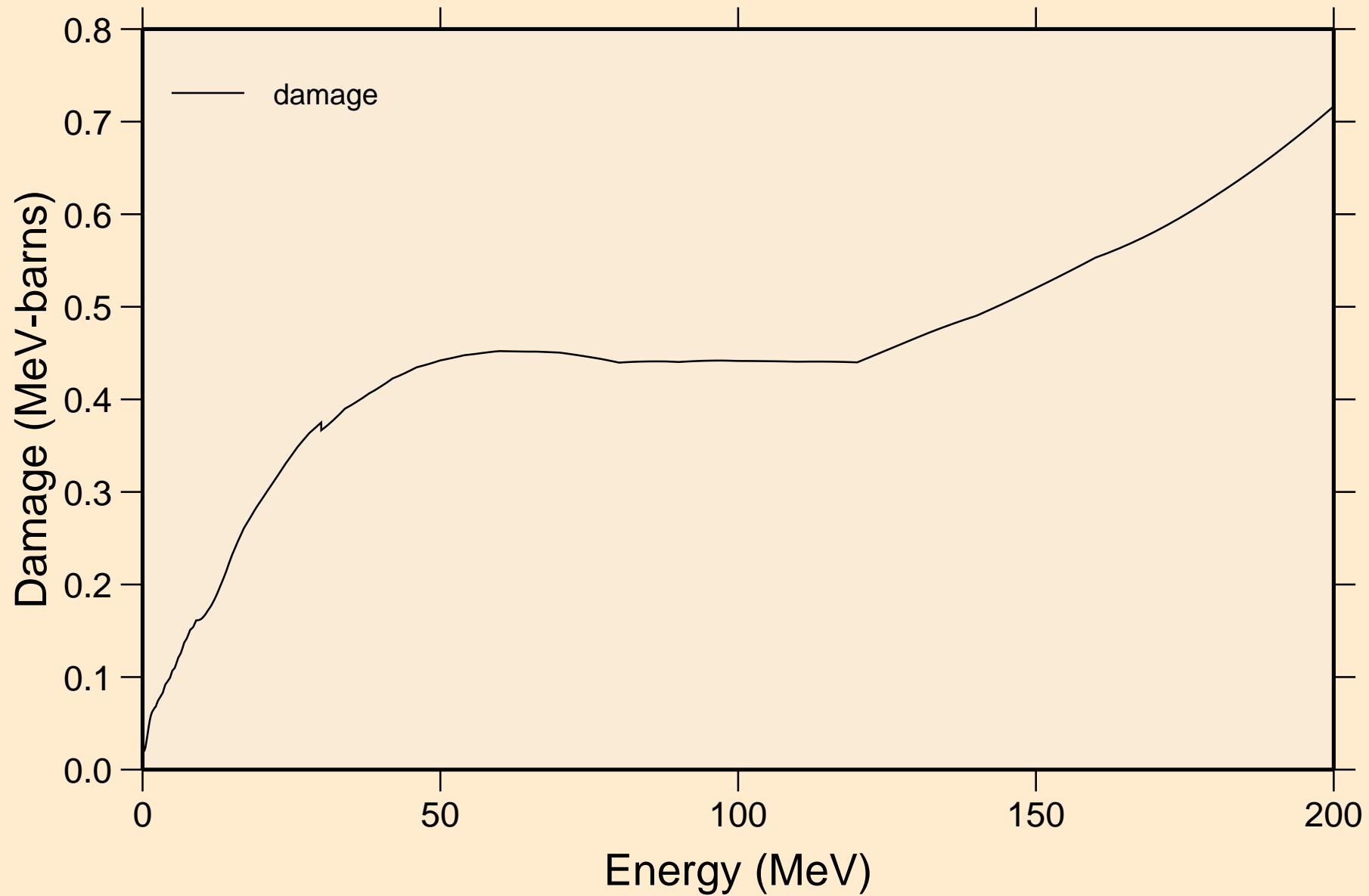


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

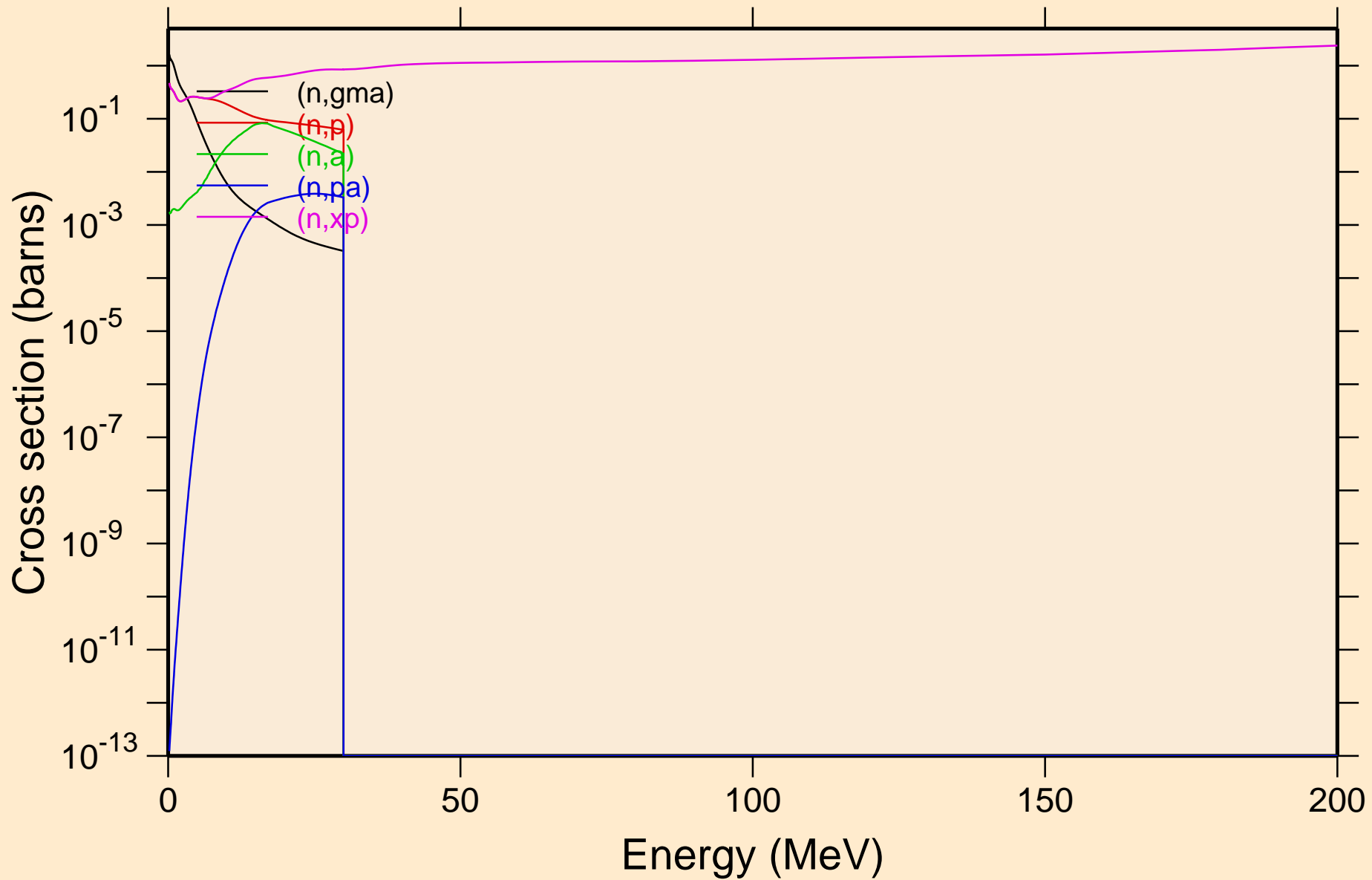




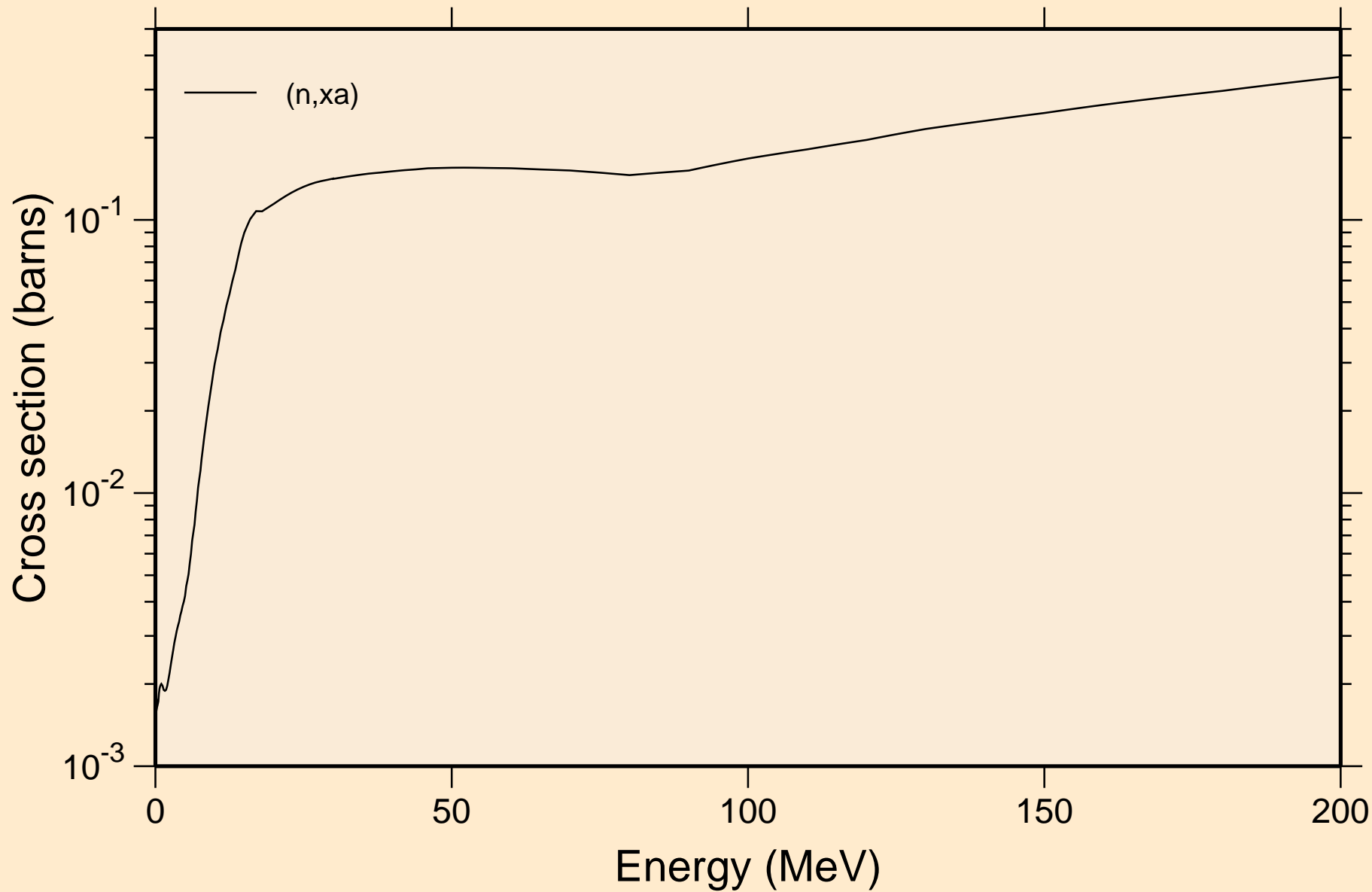
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



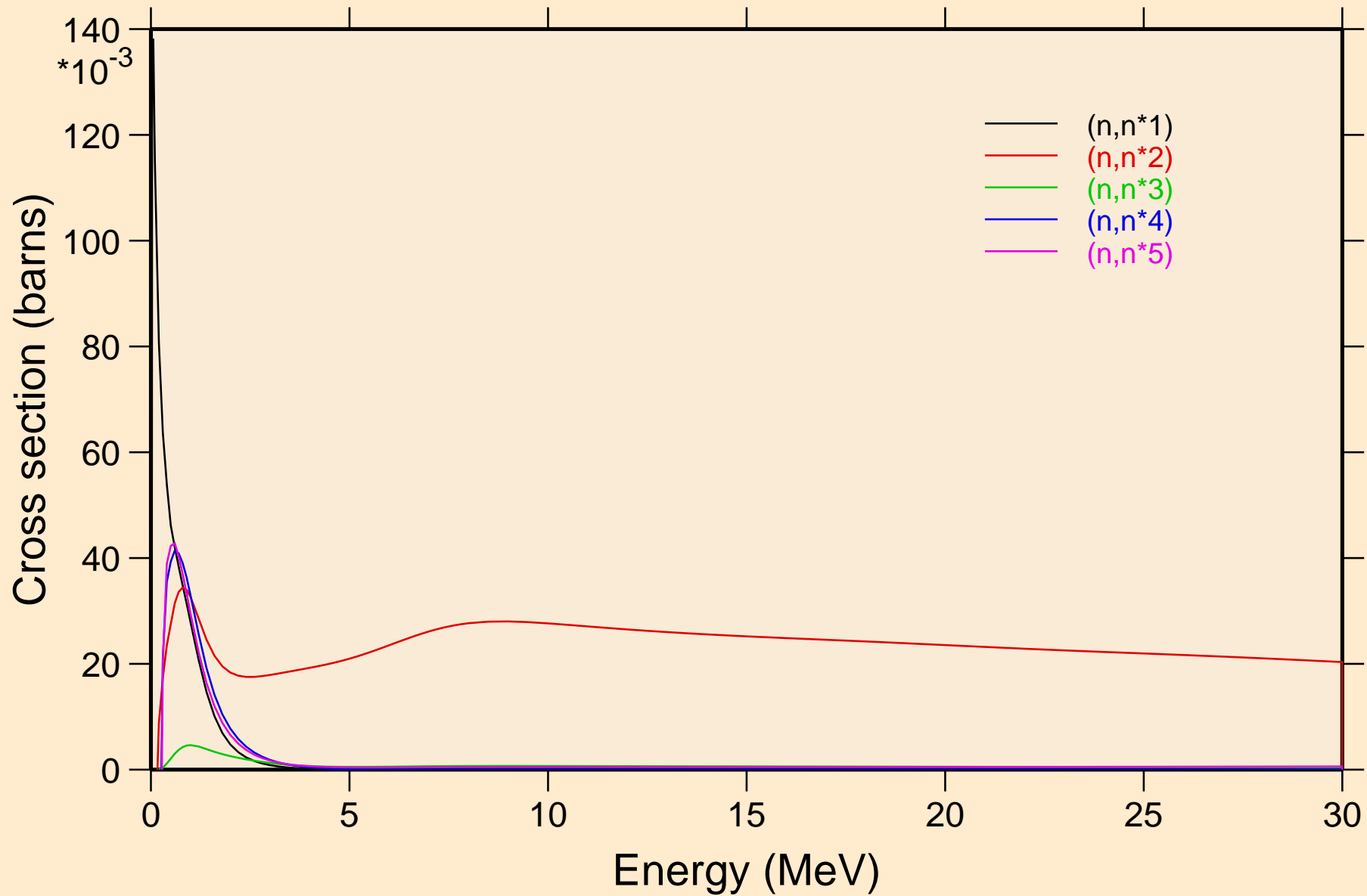
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



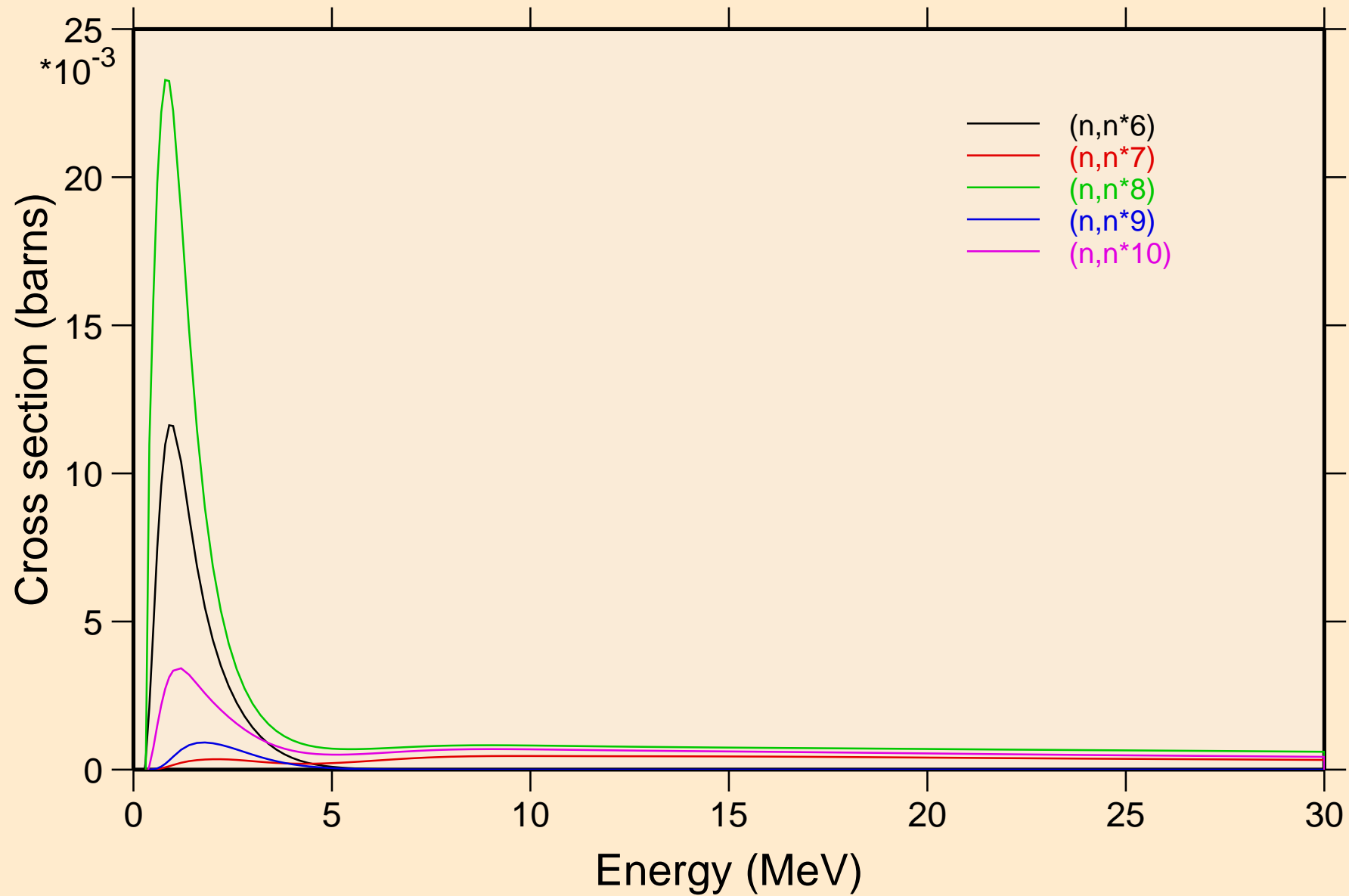
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



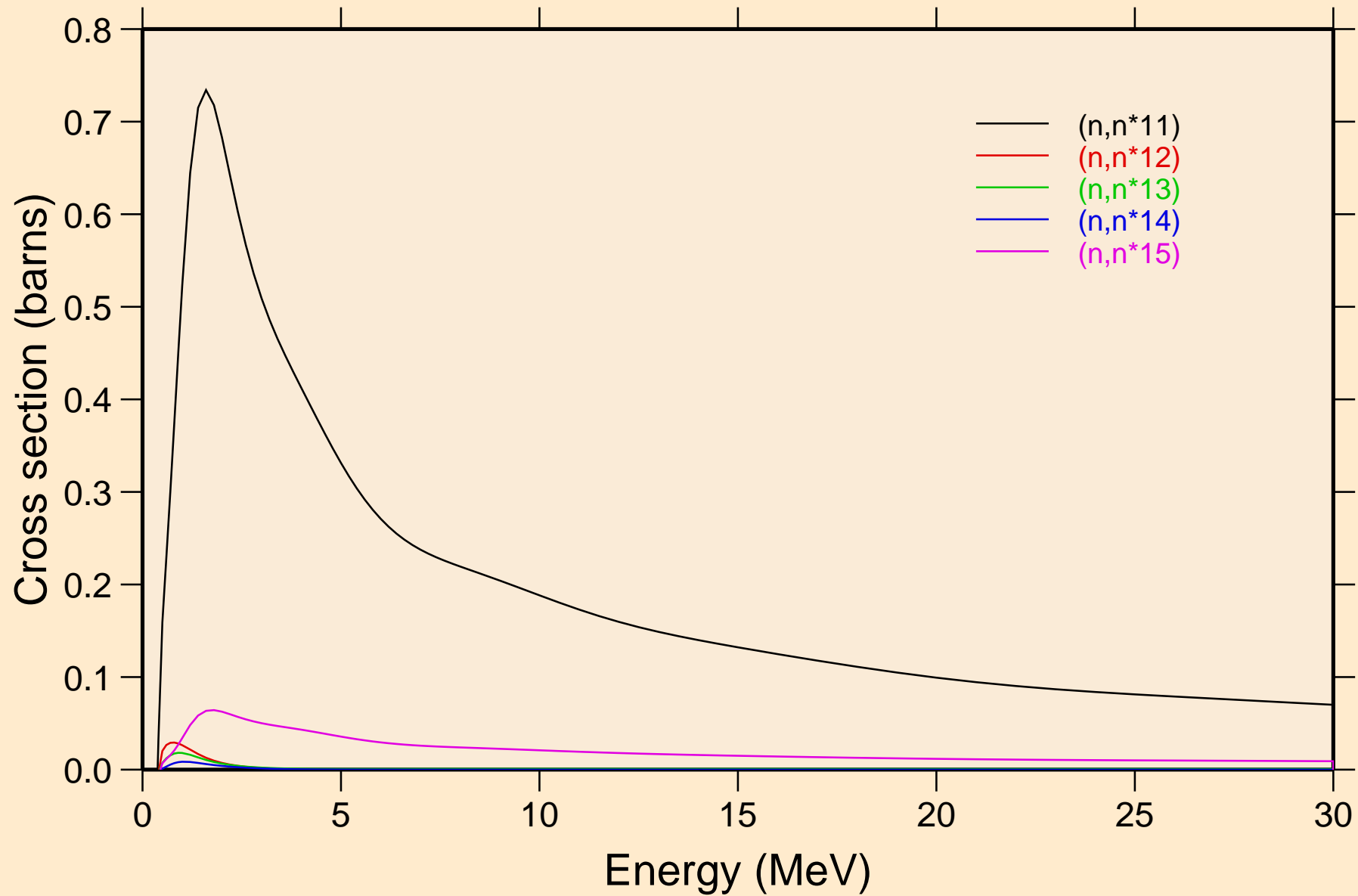
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



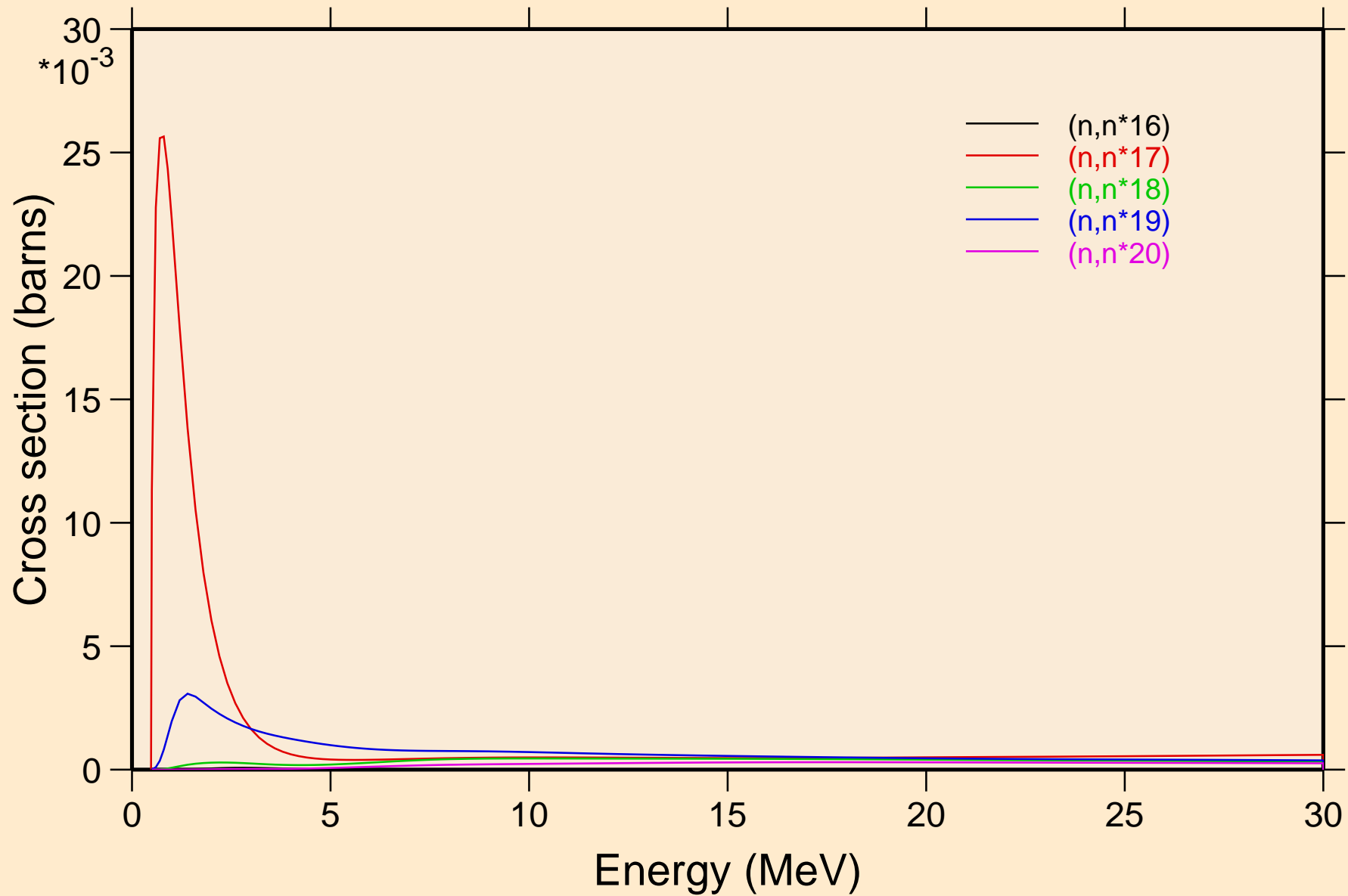
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



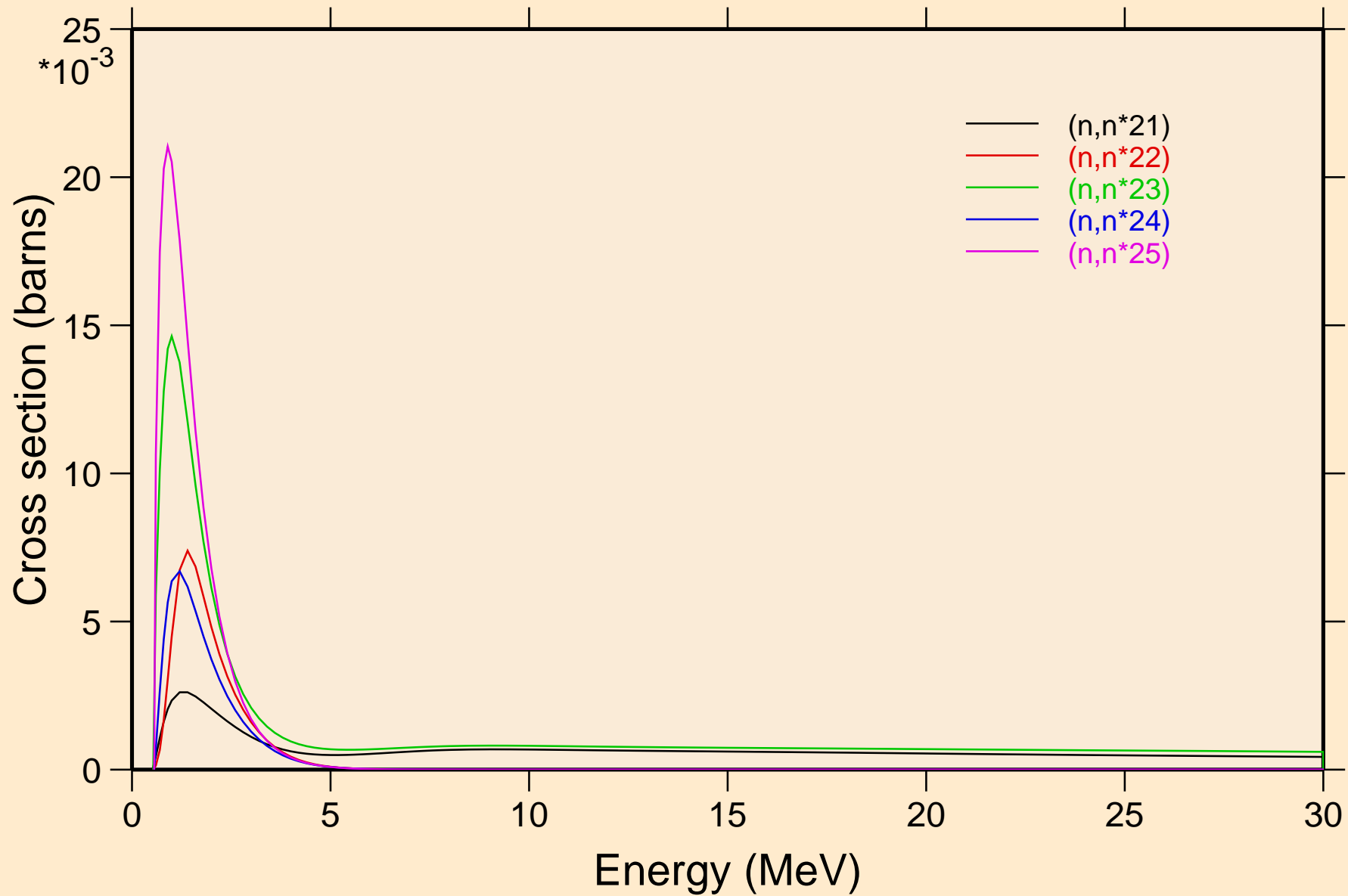
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

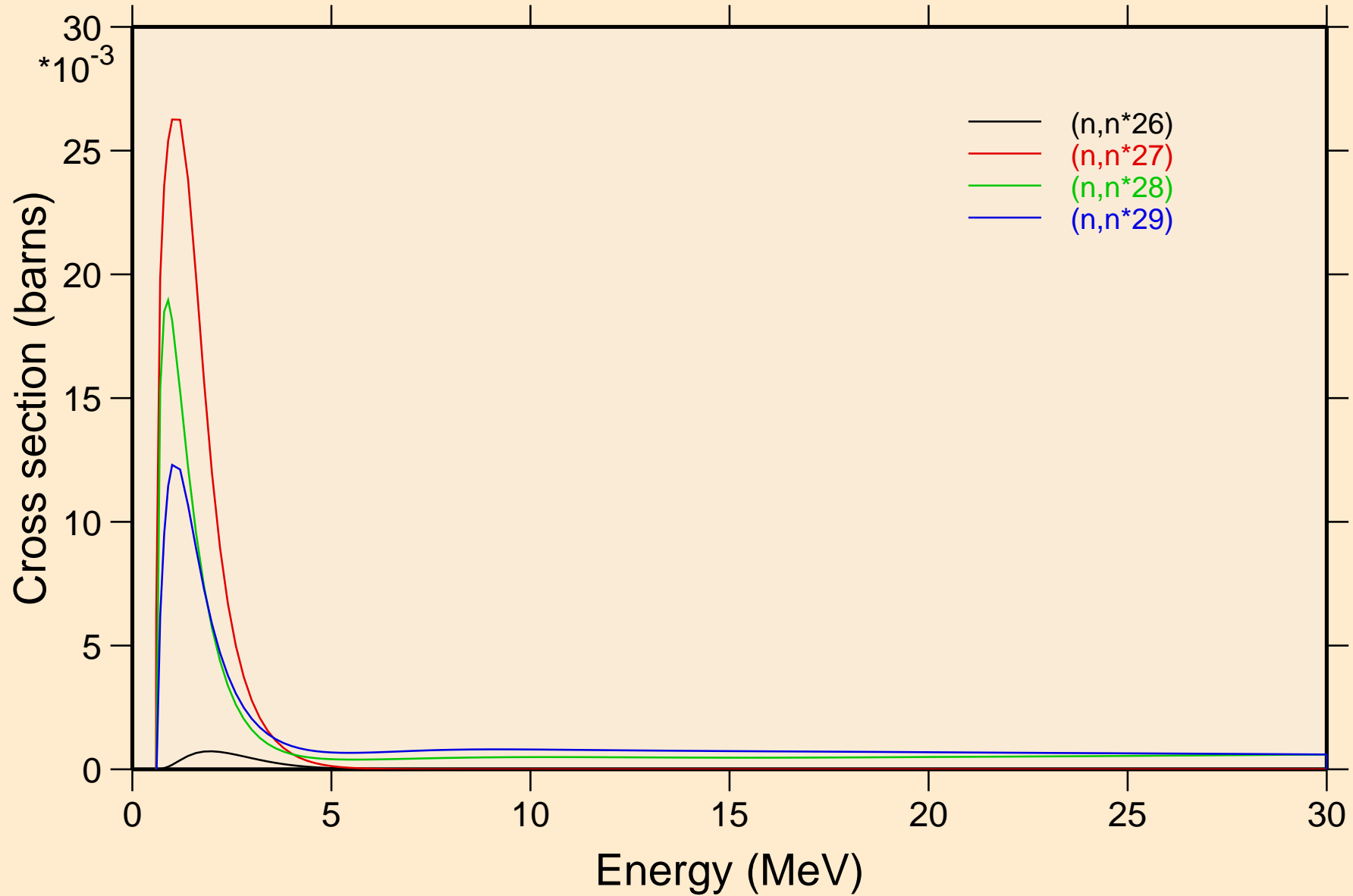


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

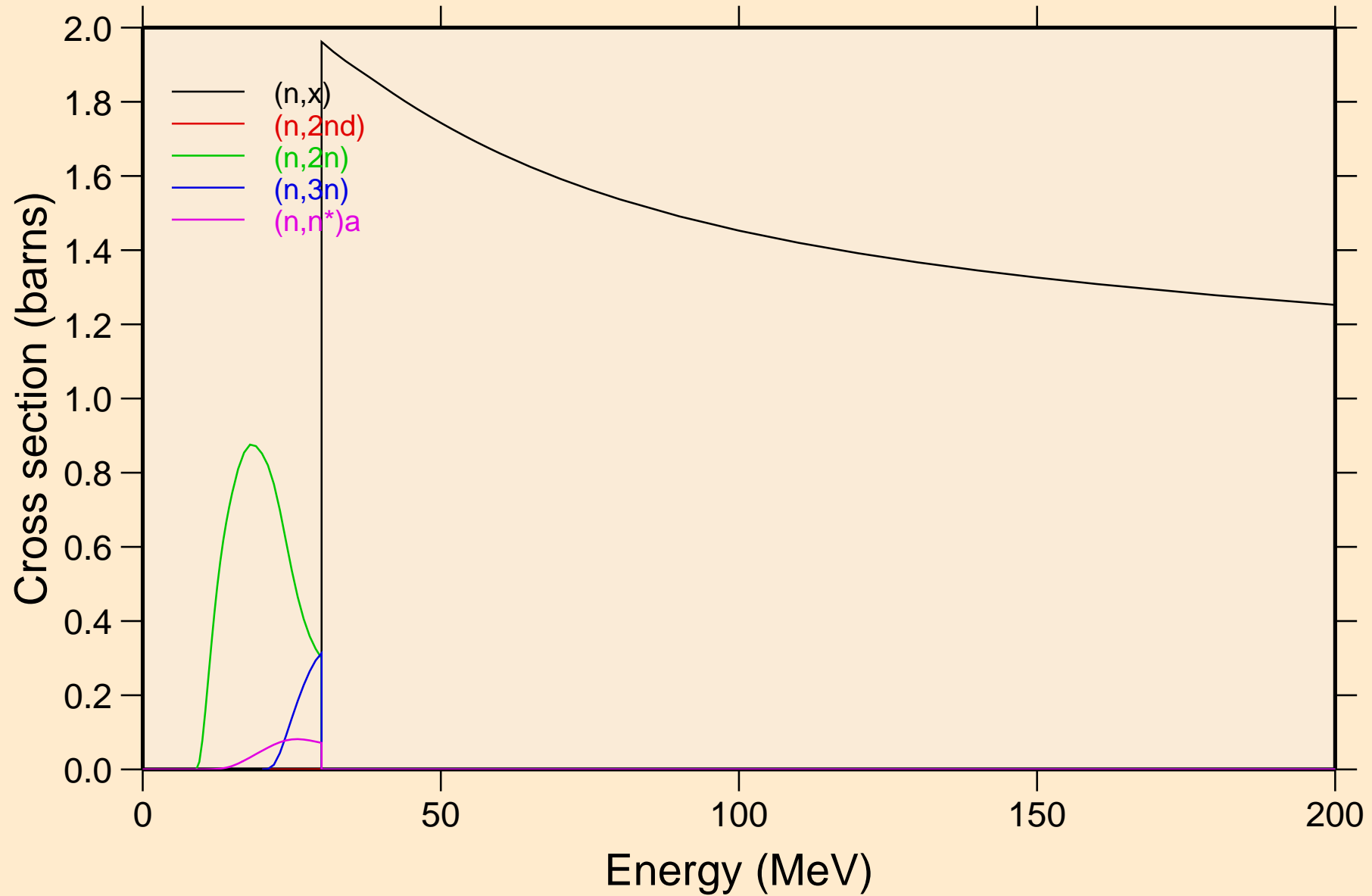




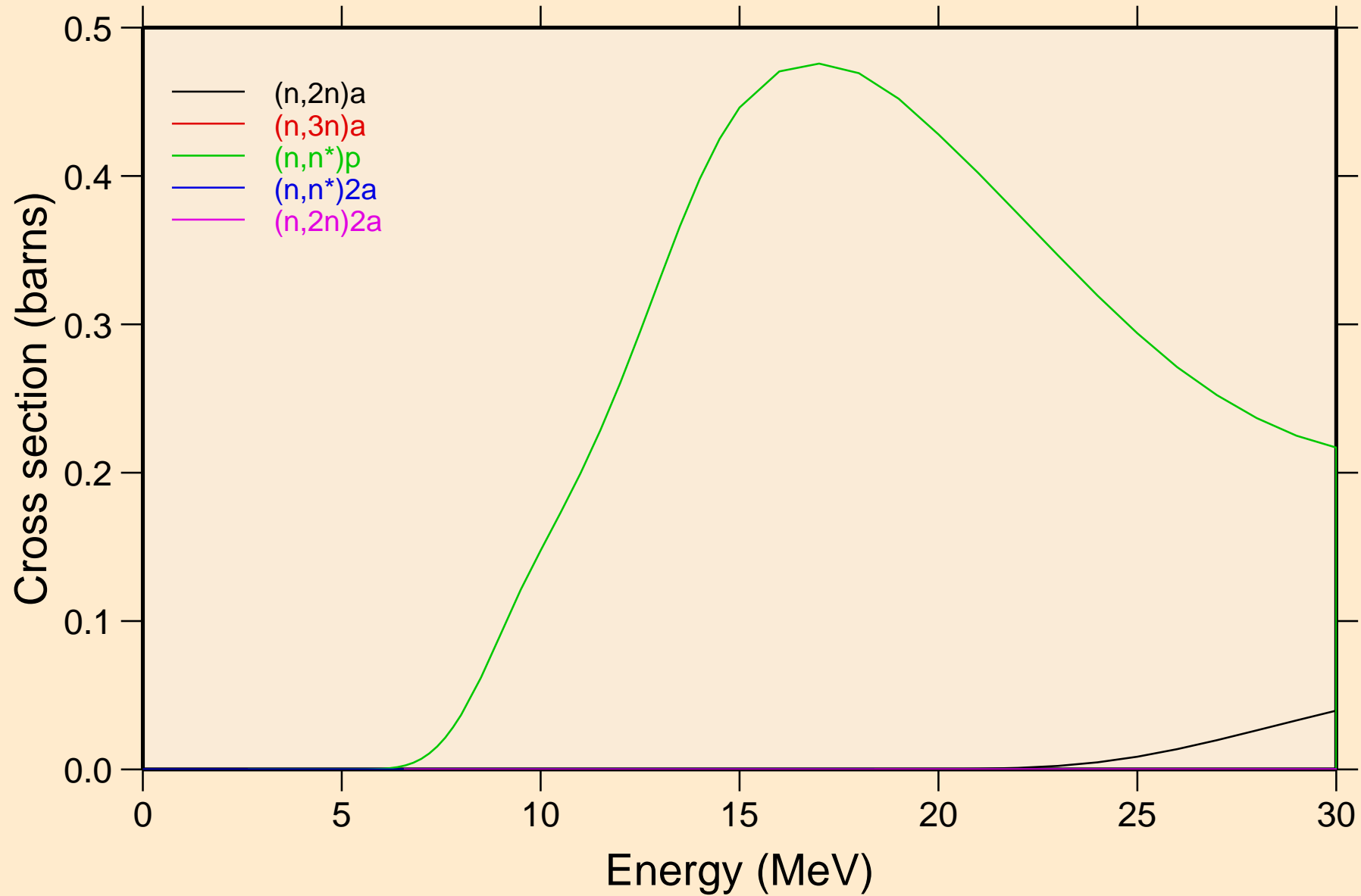
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



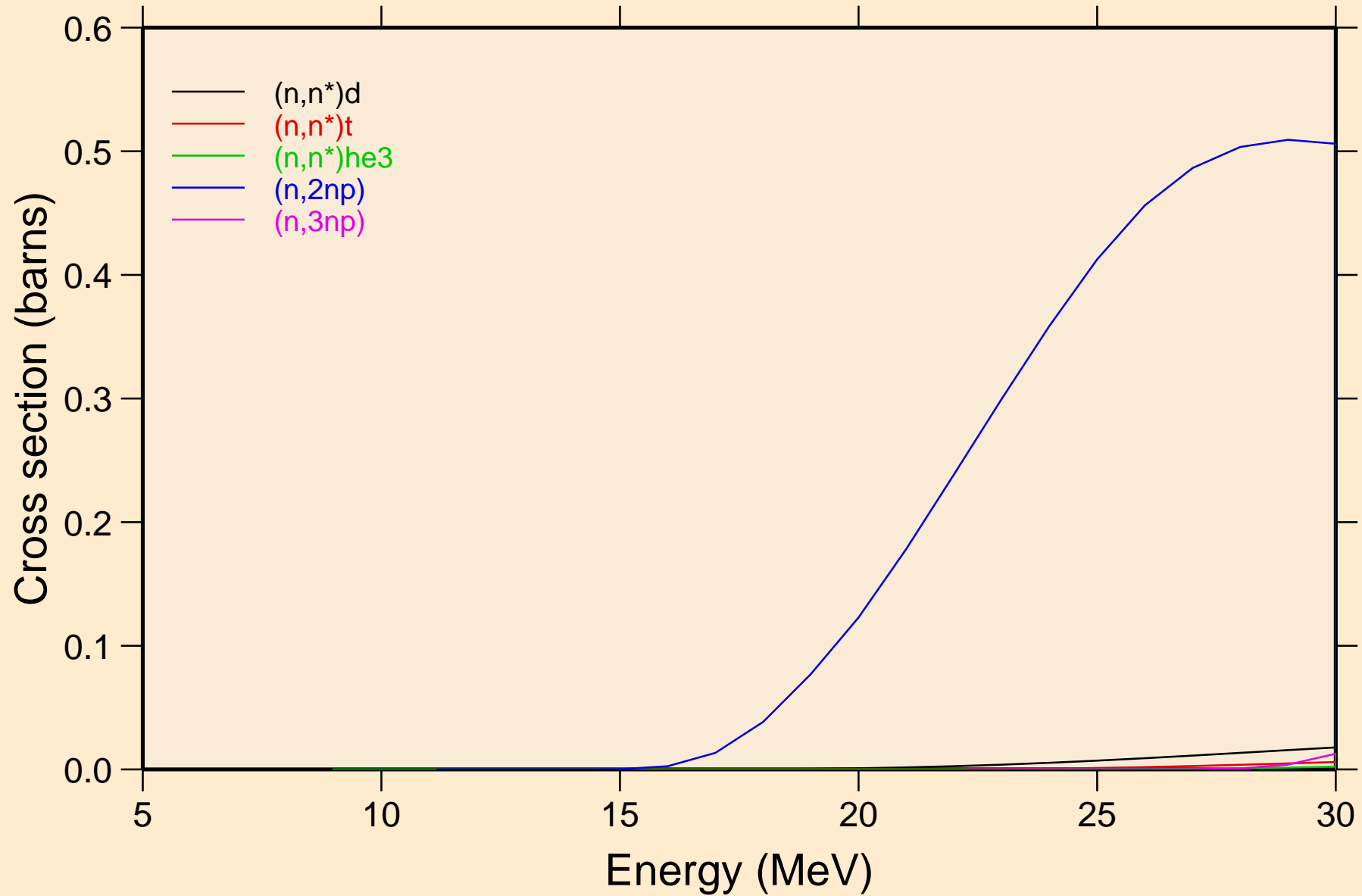
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



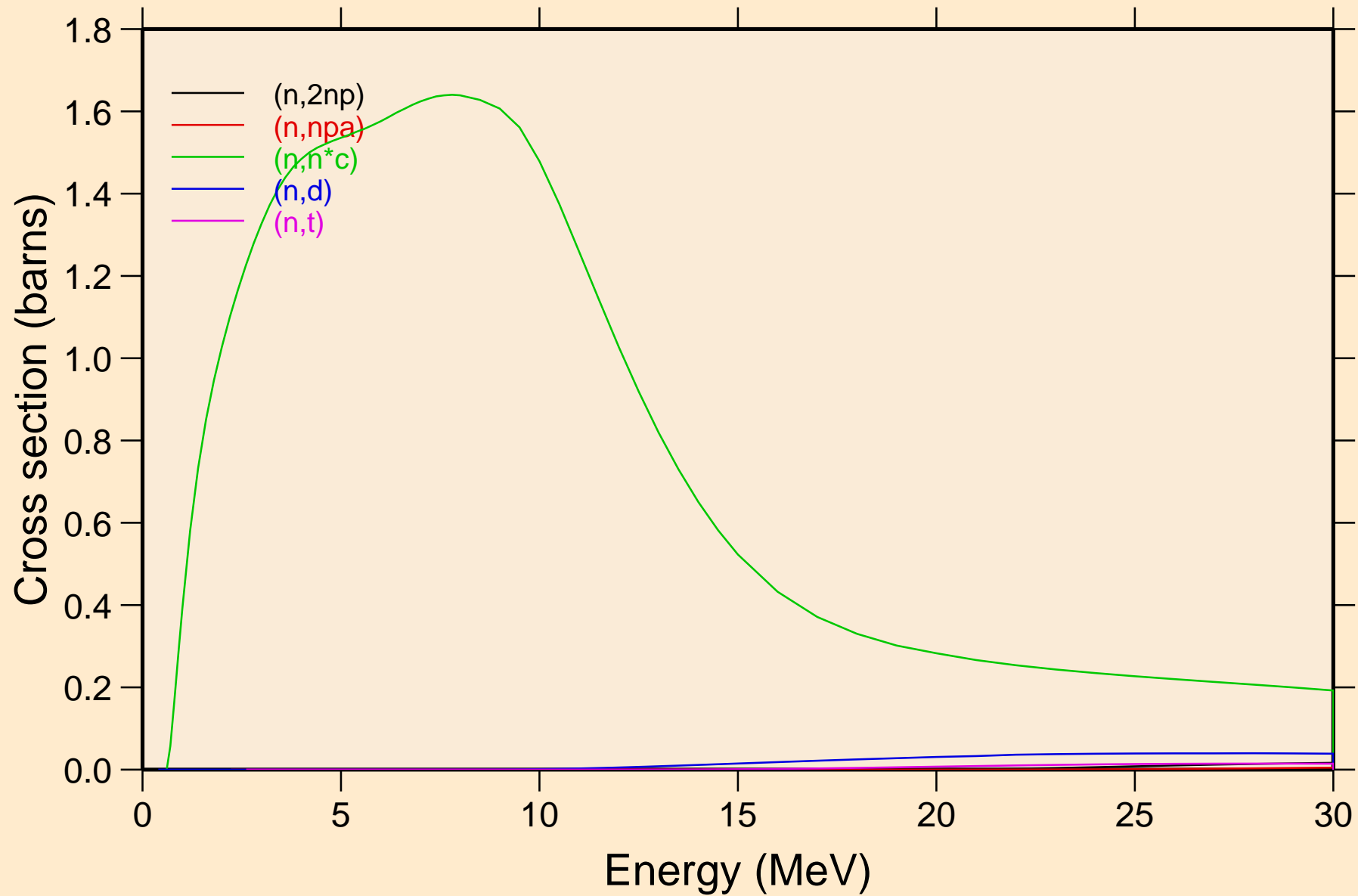
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



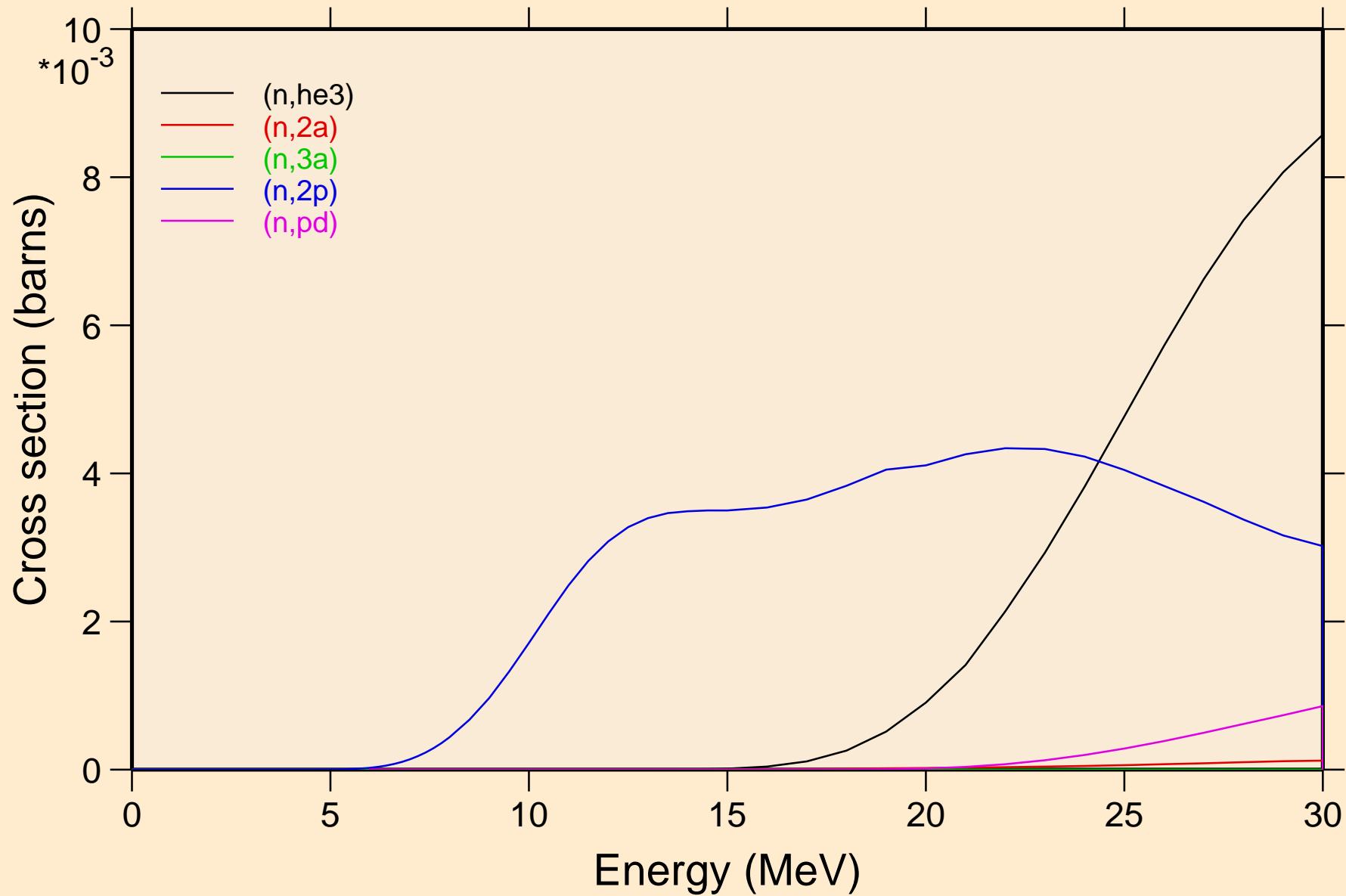
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



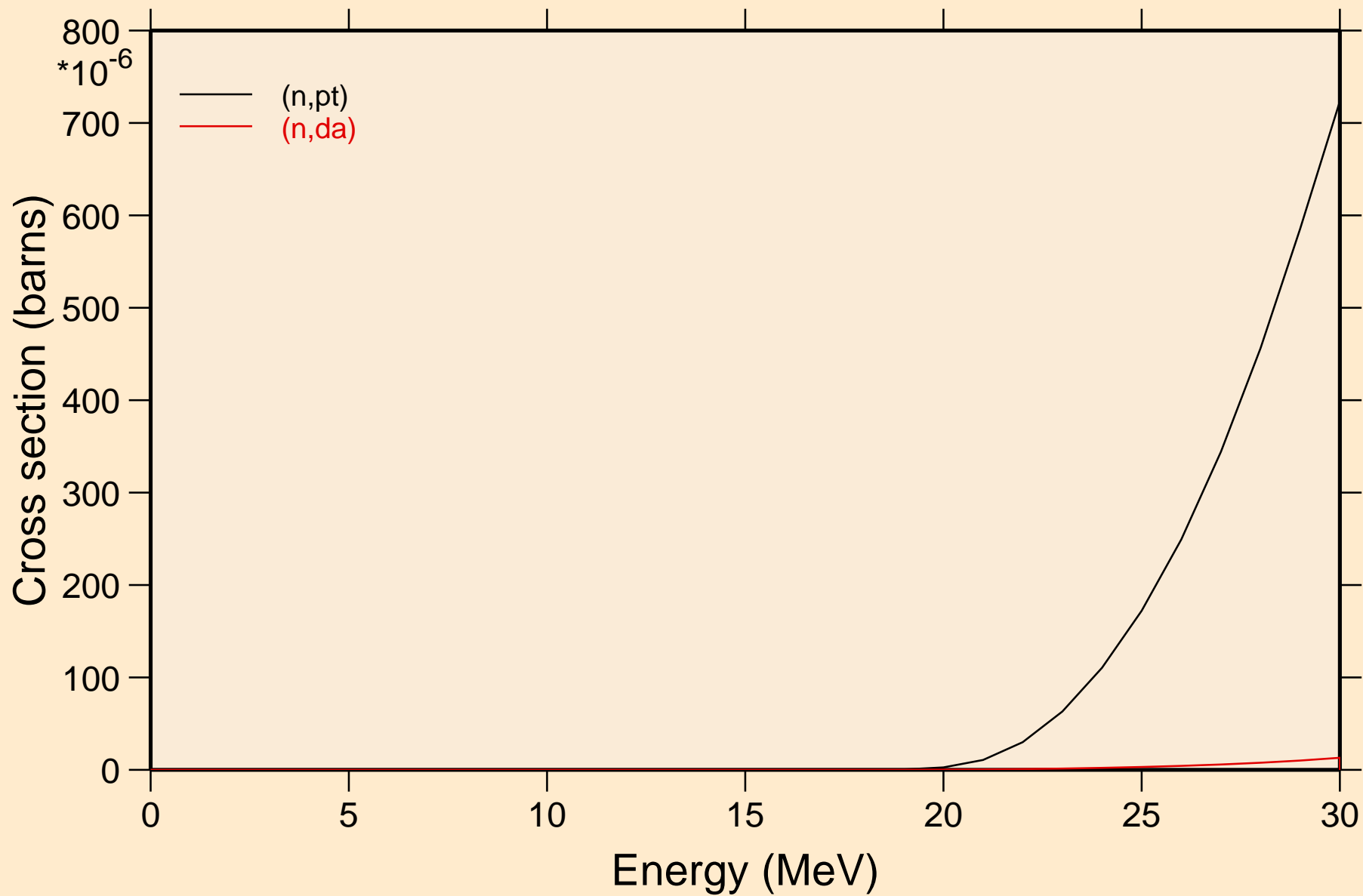
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



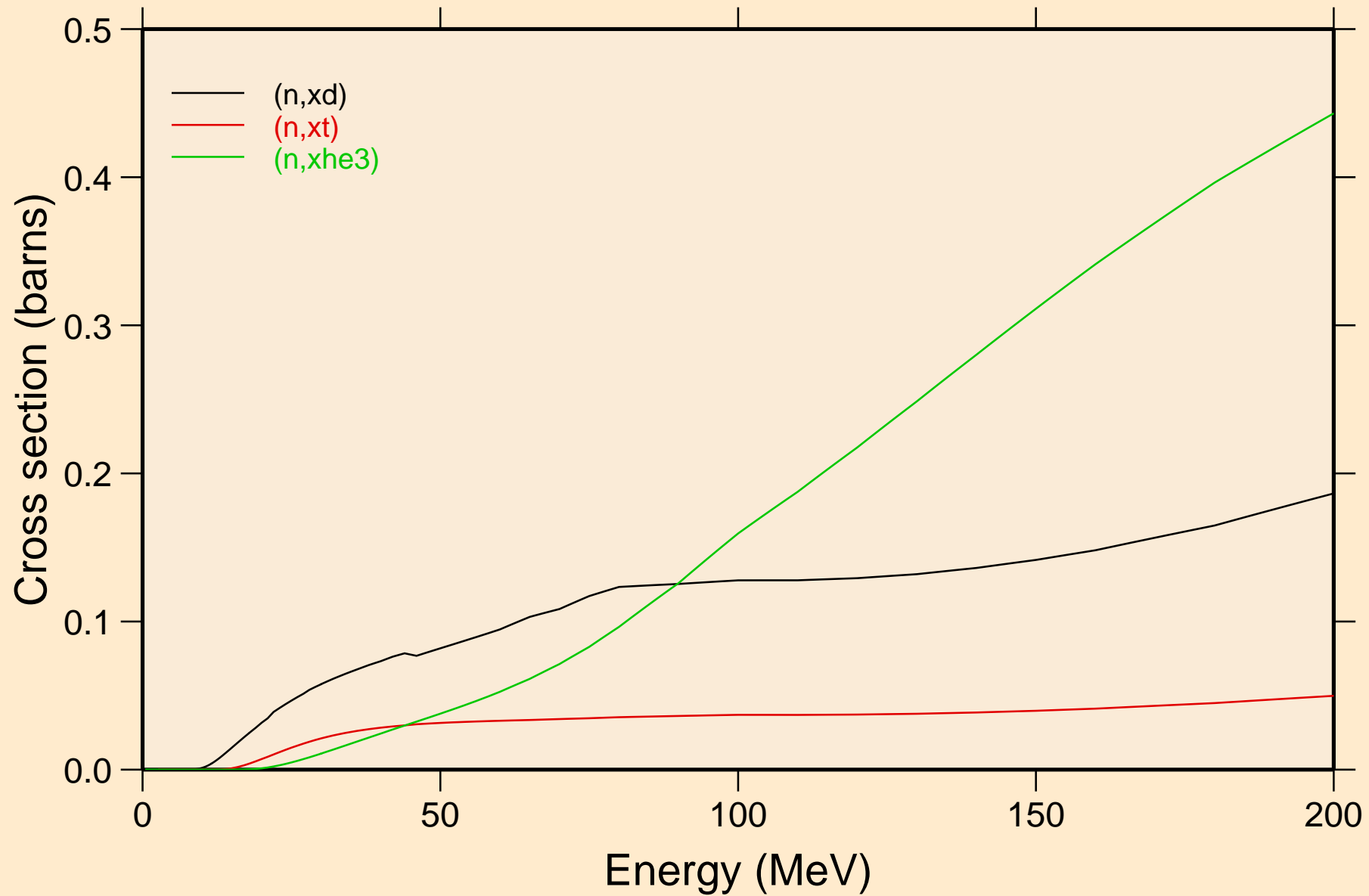
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

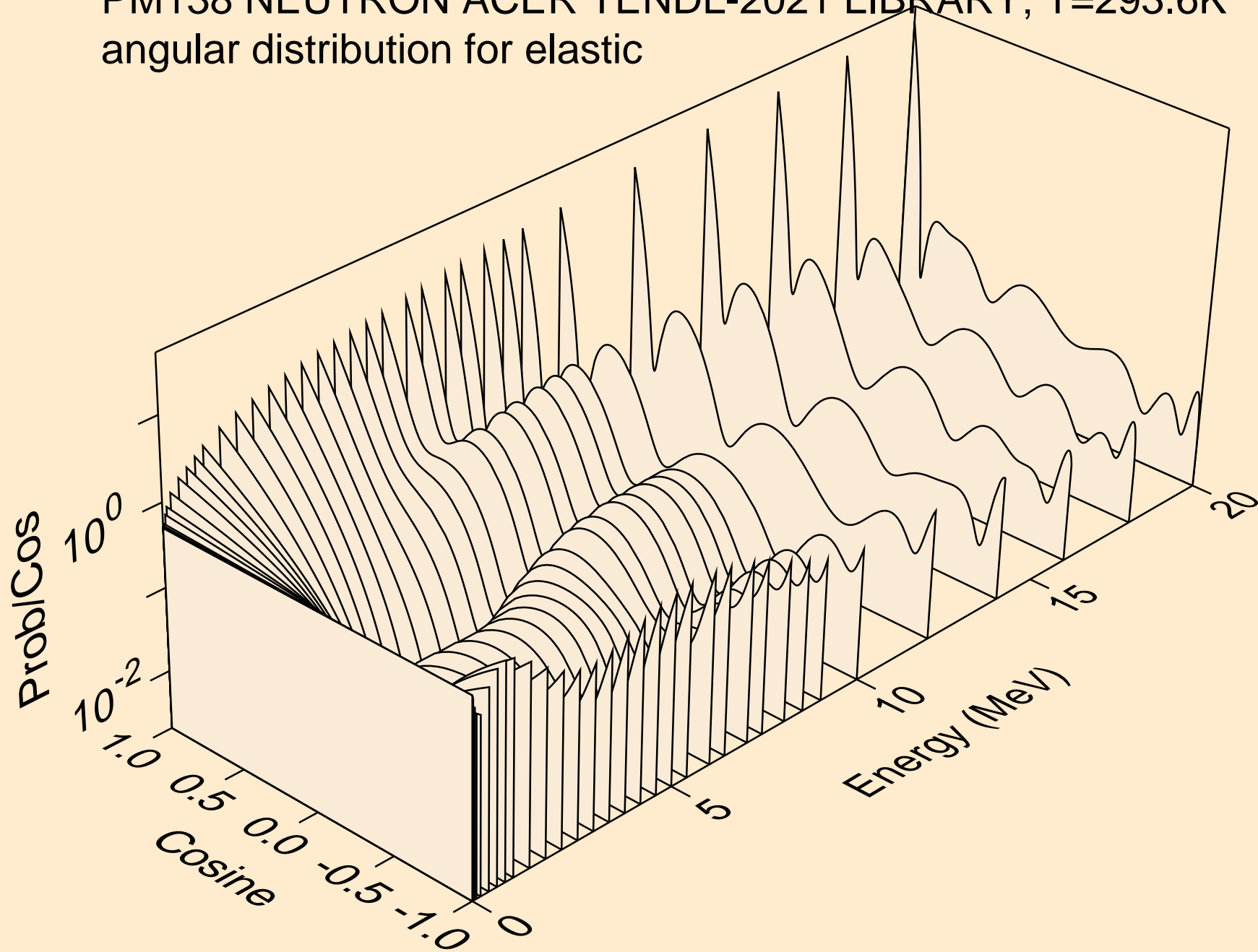


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

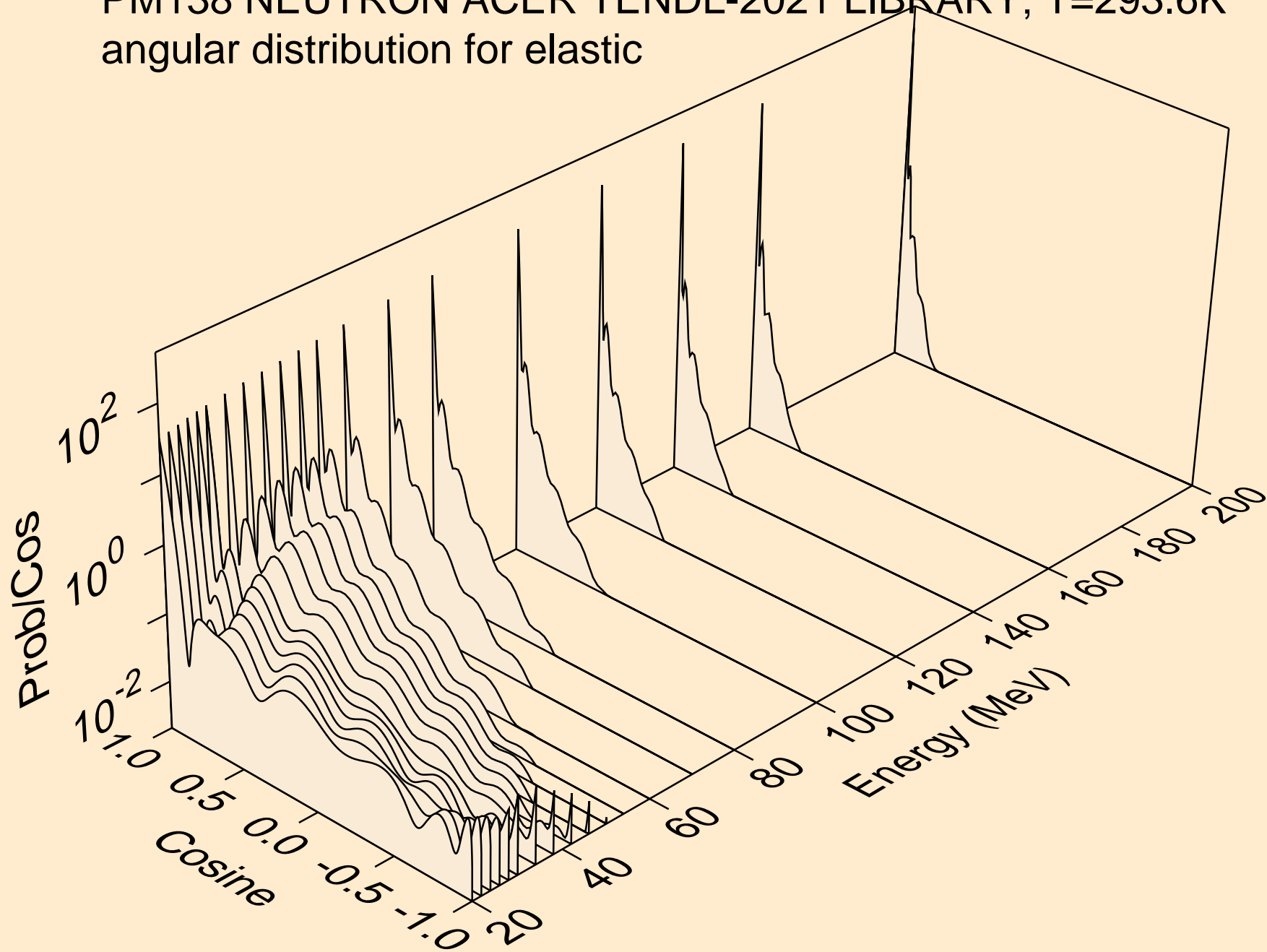




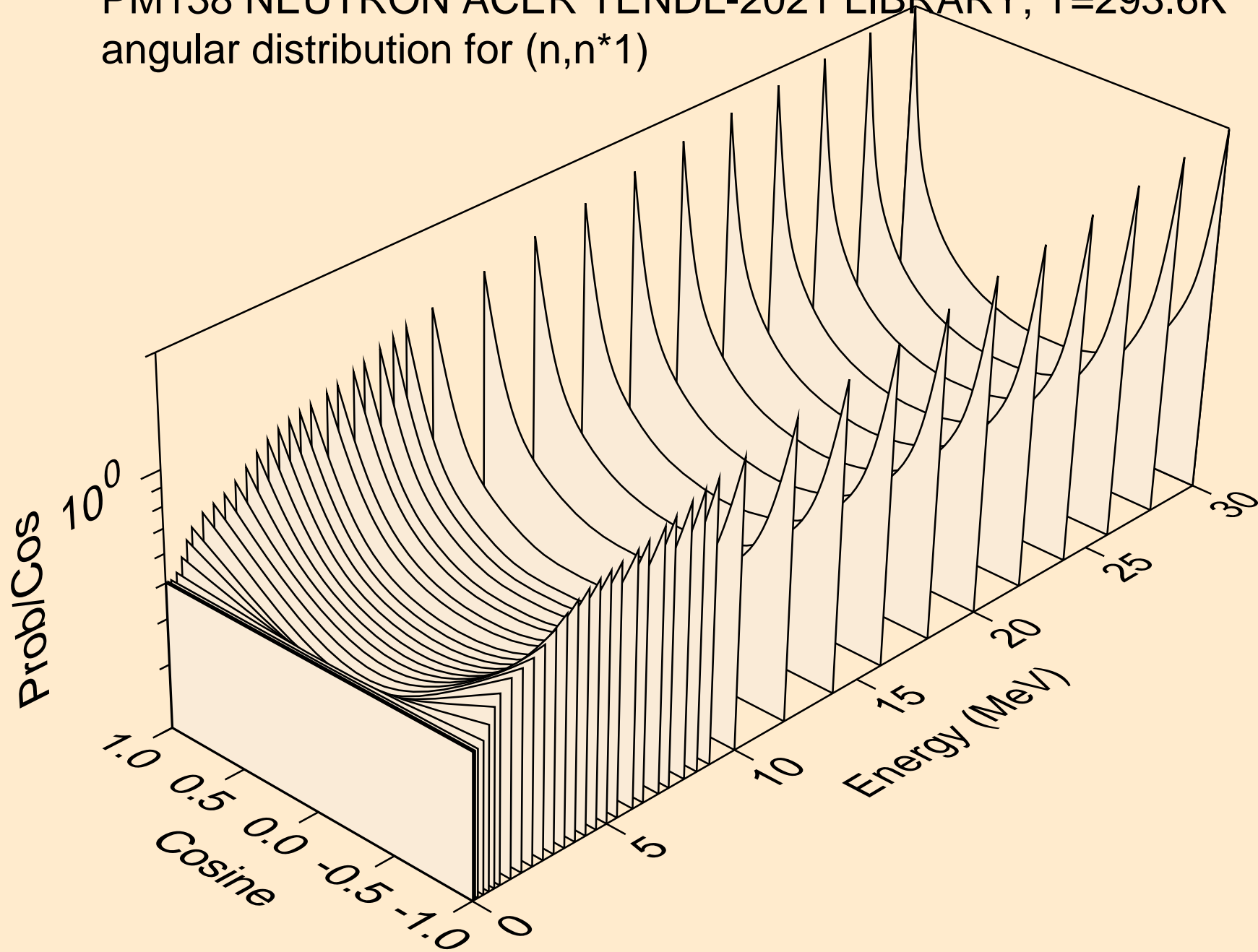
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



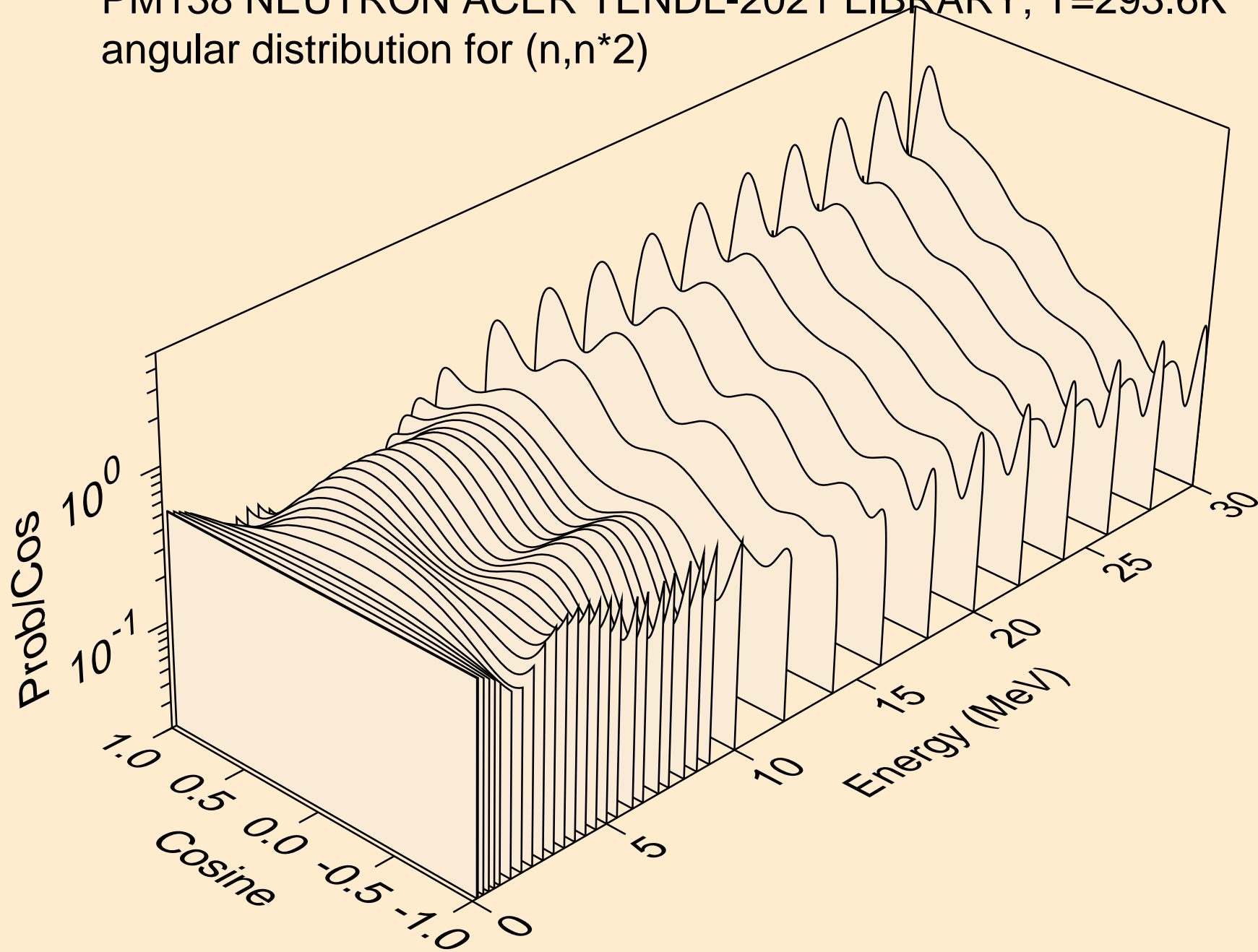
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



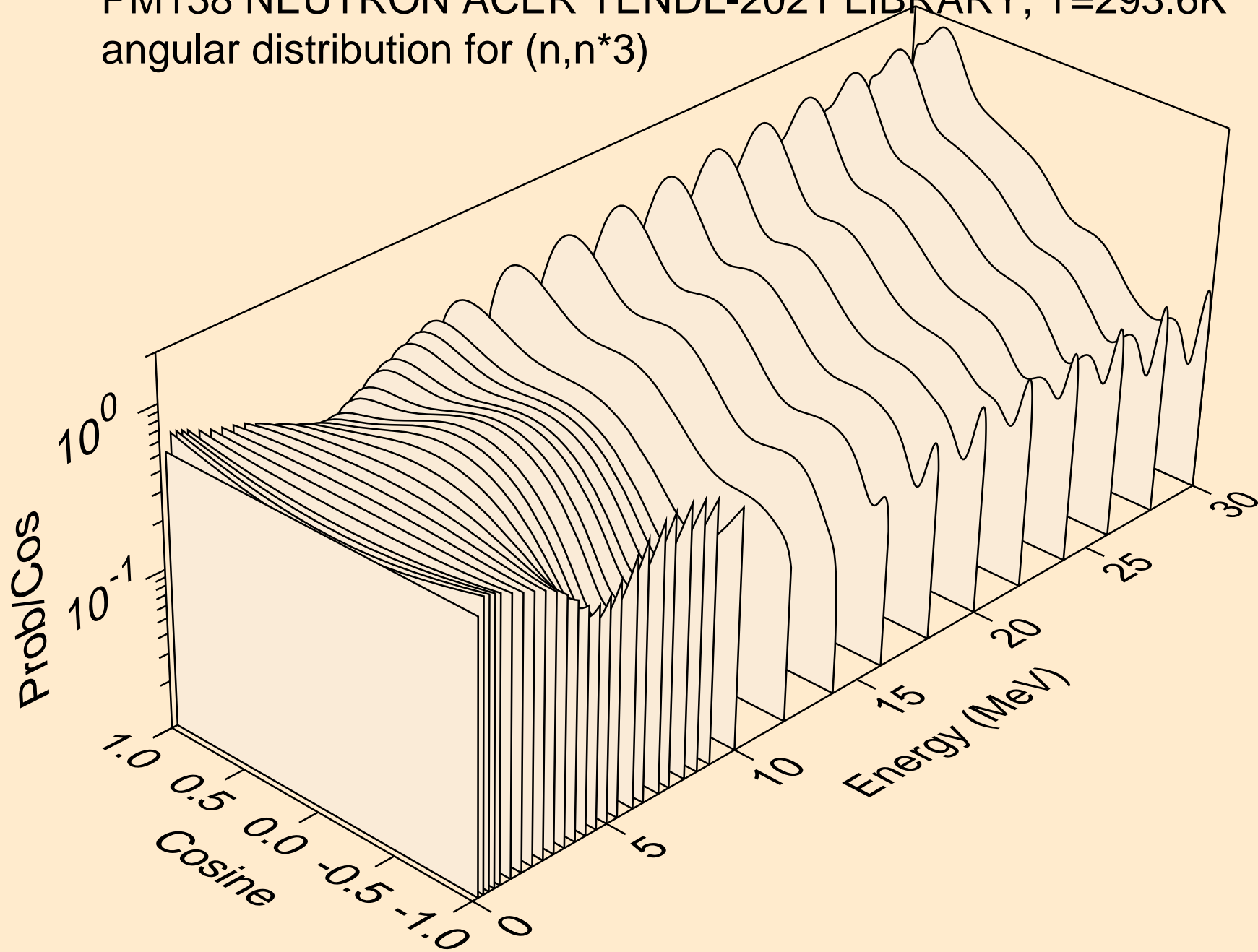
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



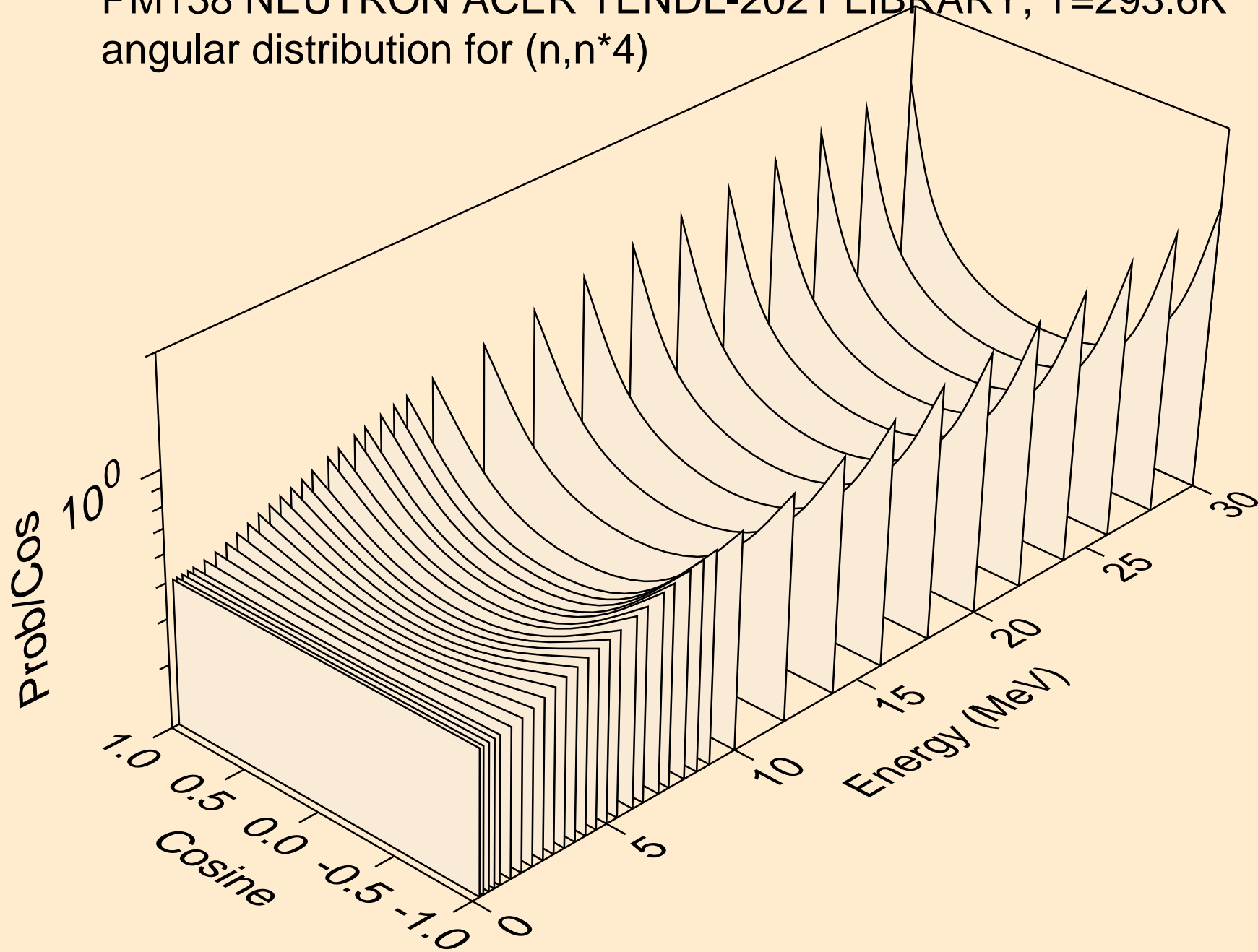
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



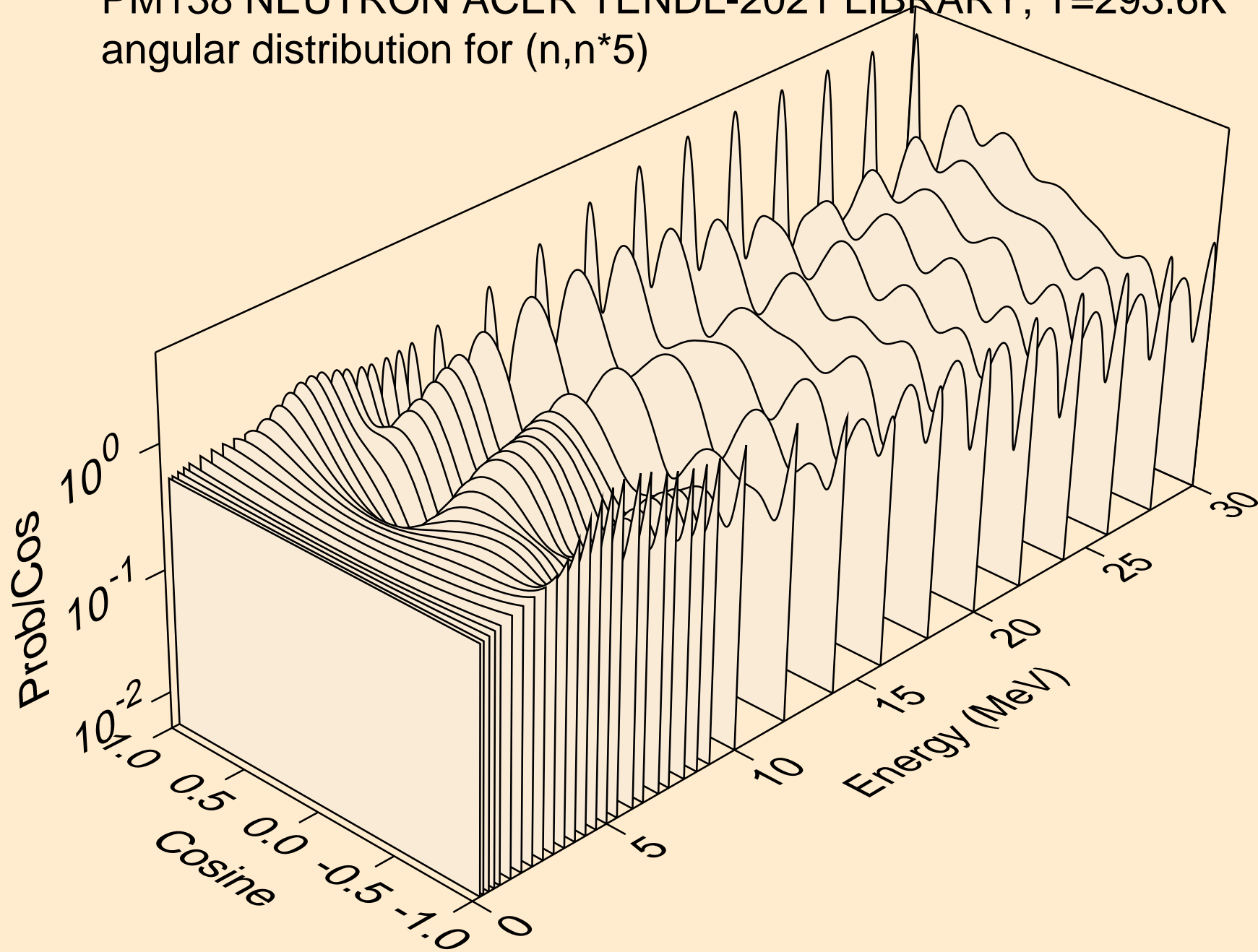
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



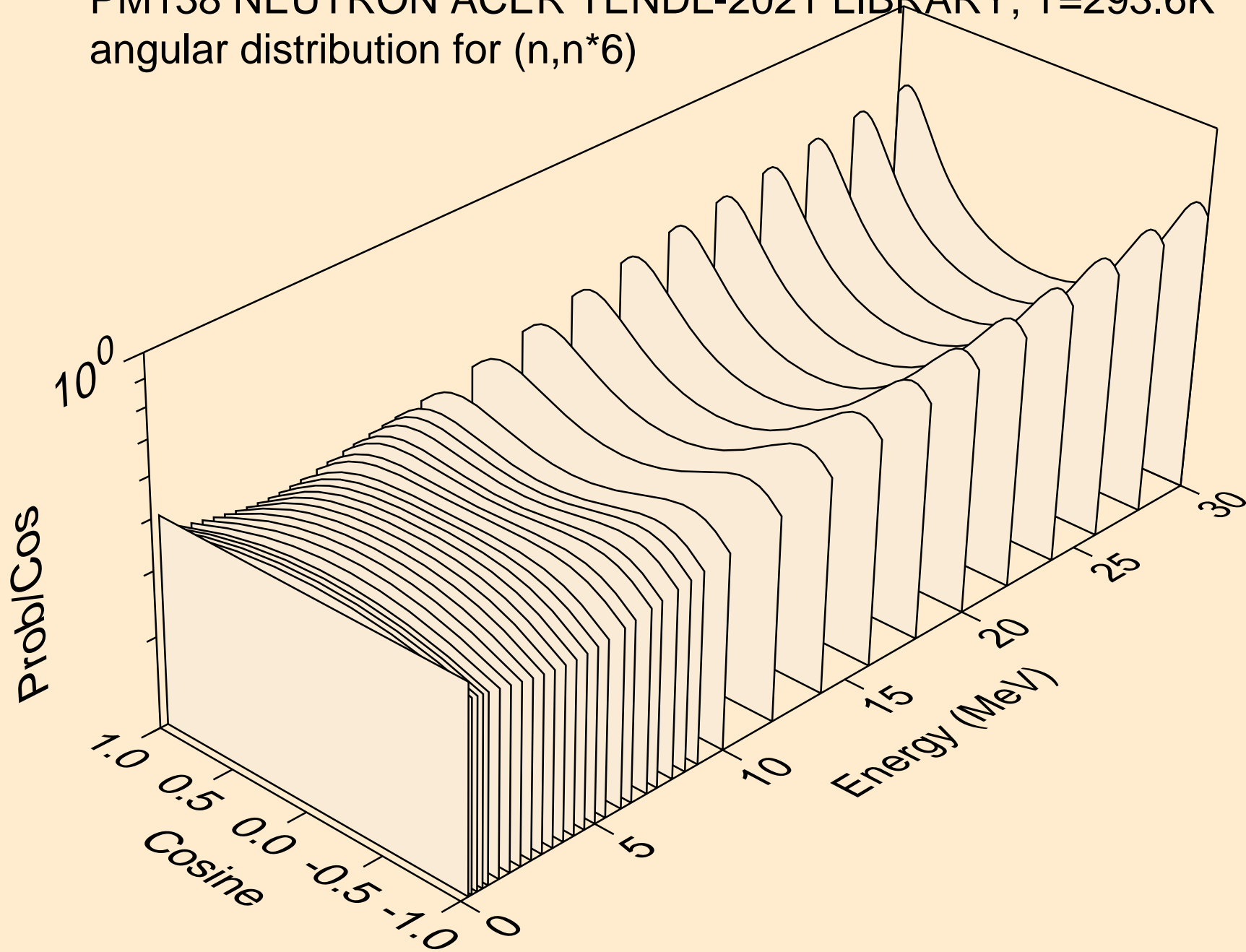
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)

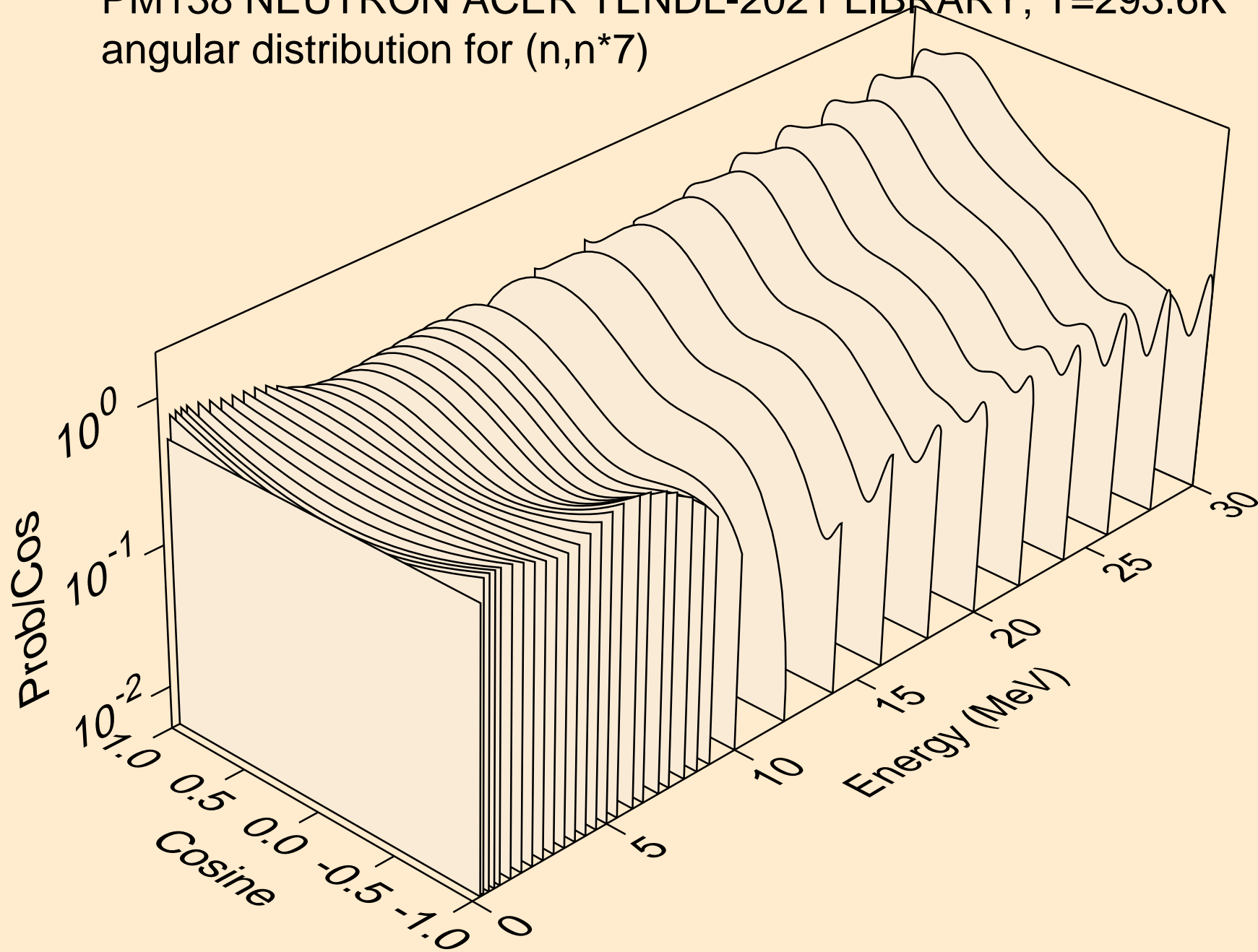


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)

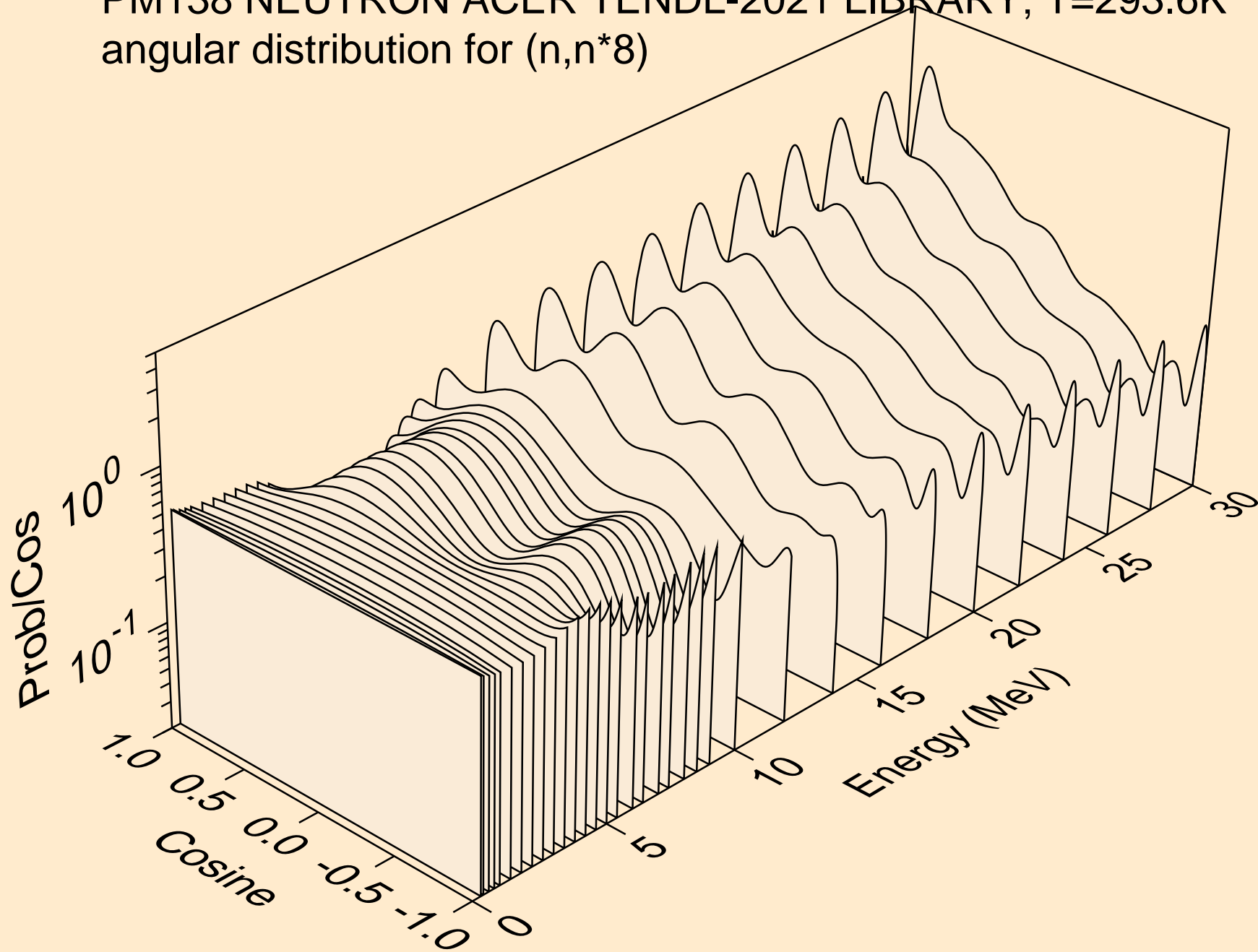




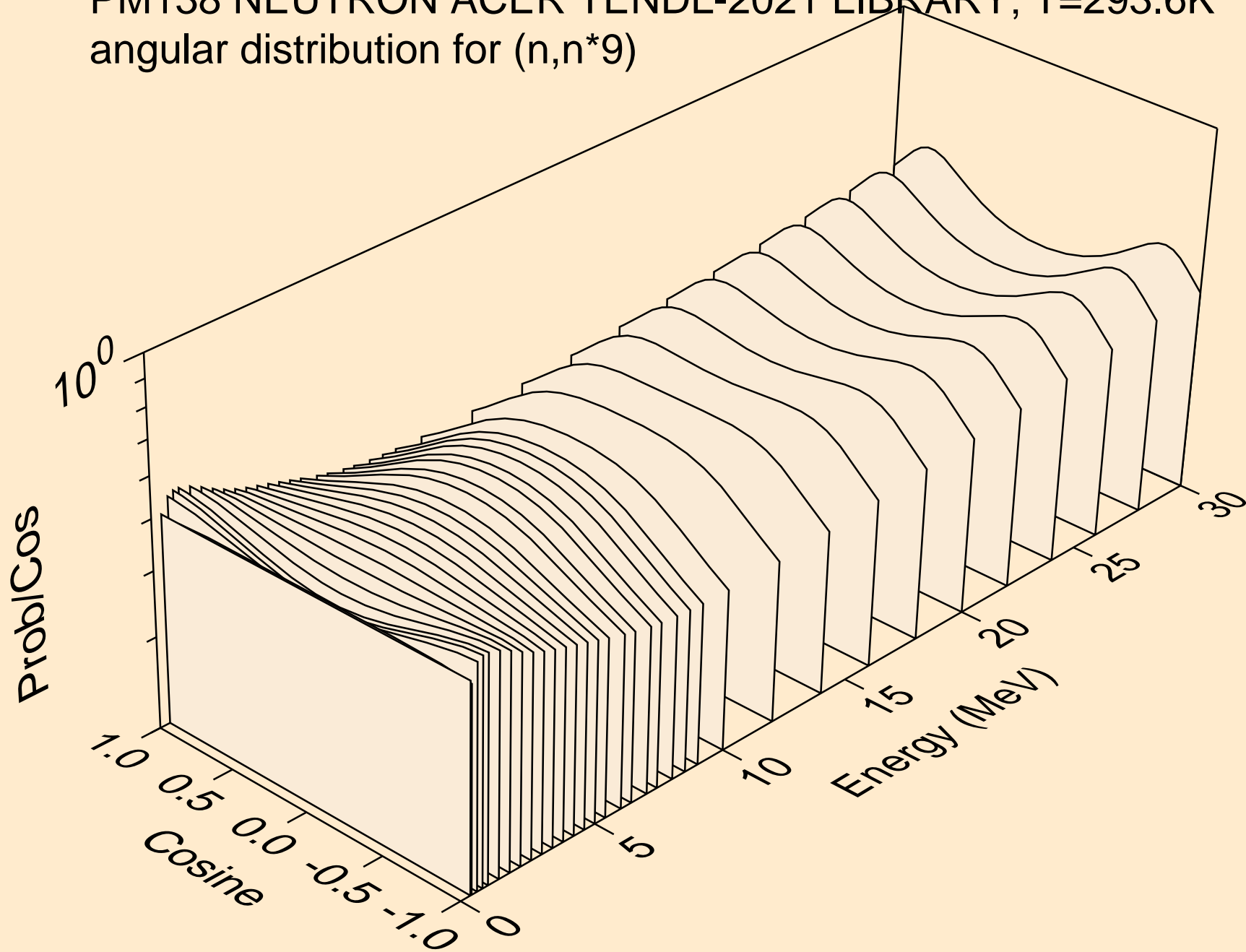
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



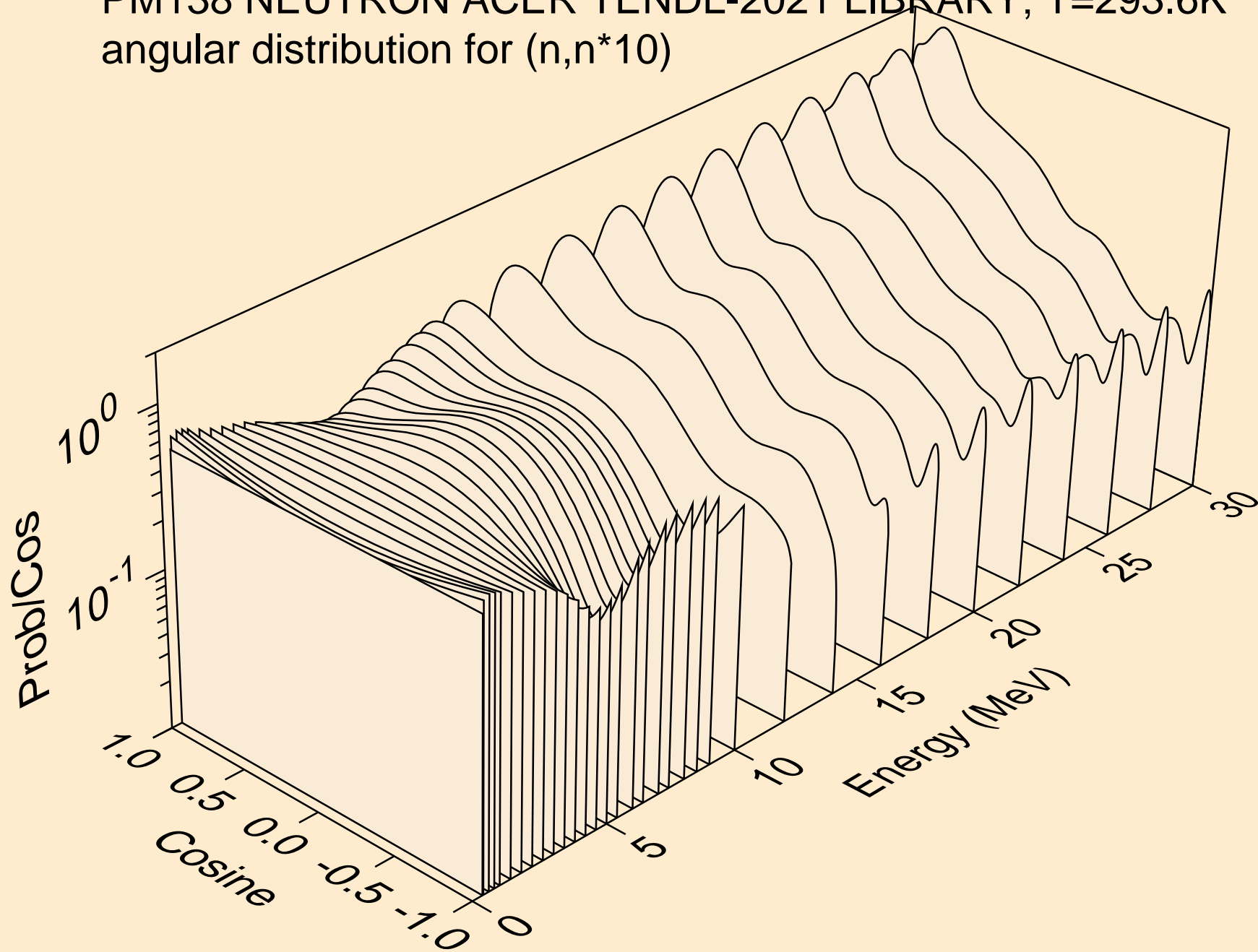
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



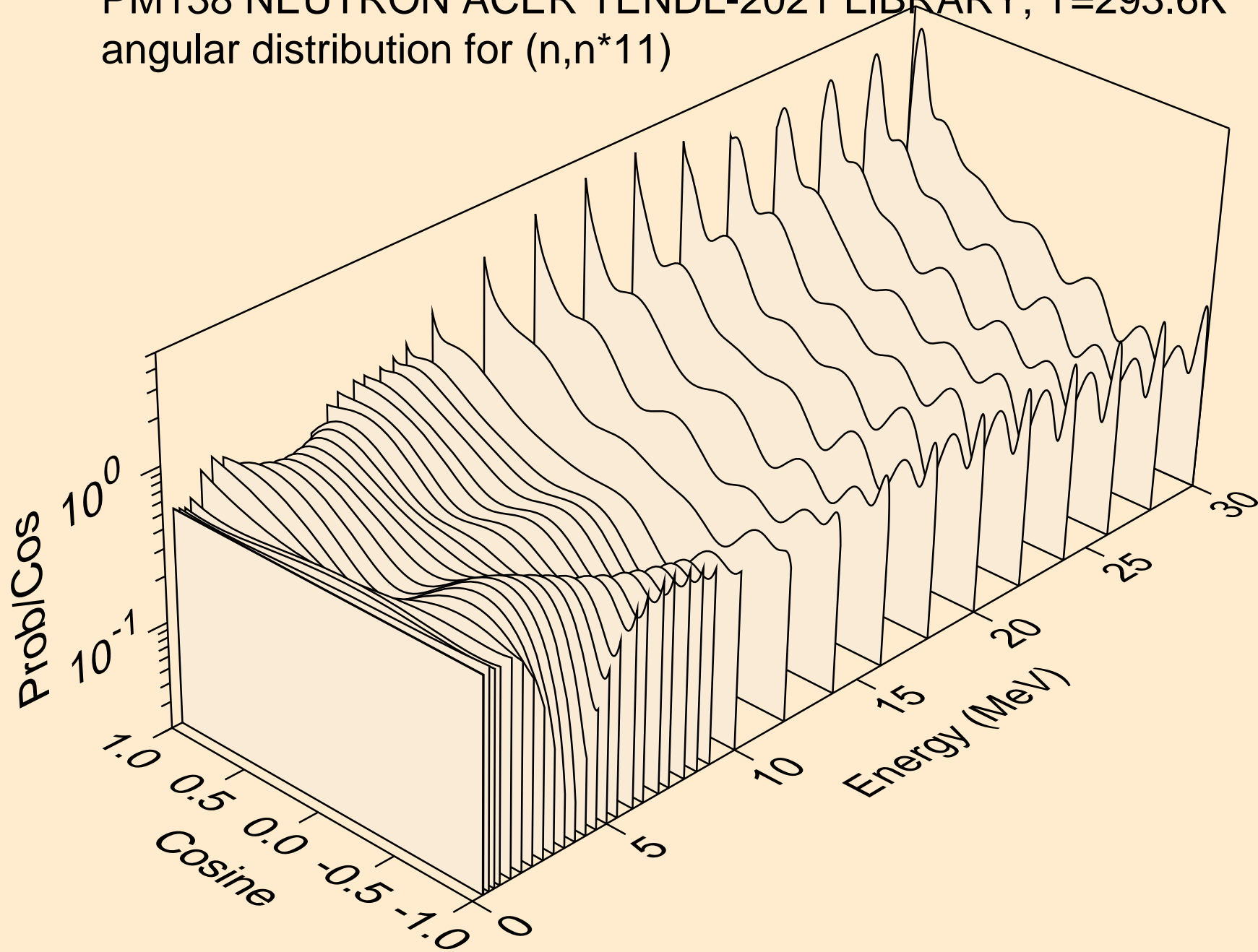
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



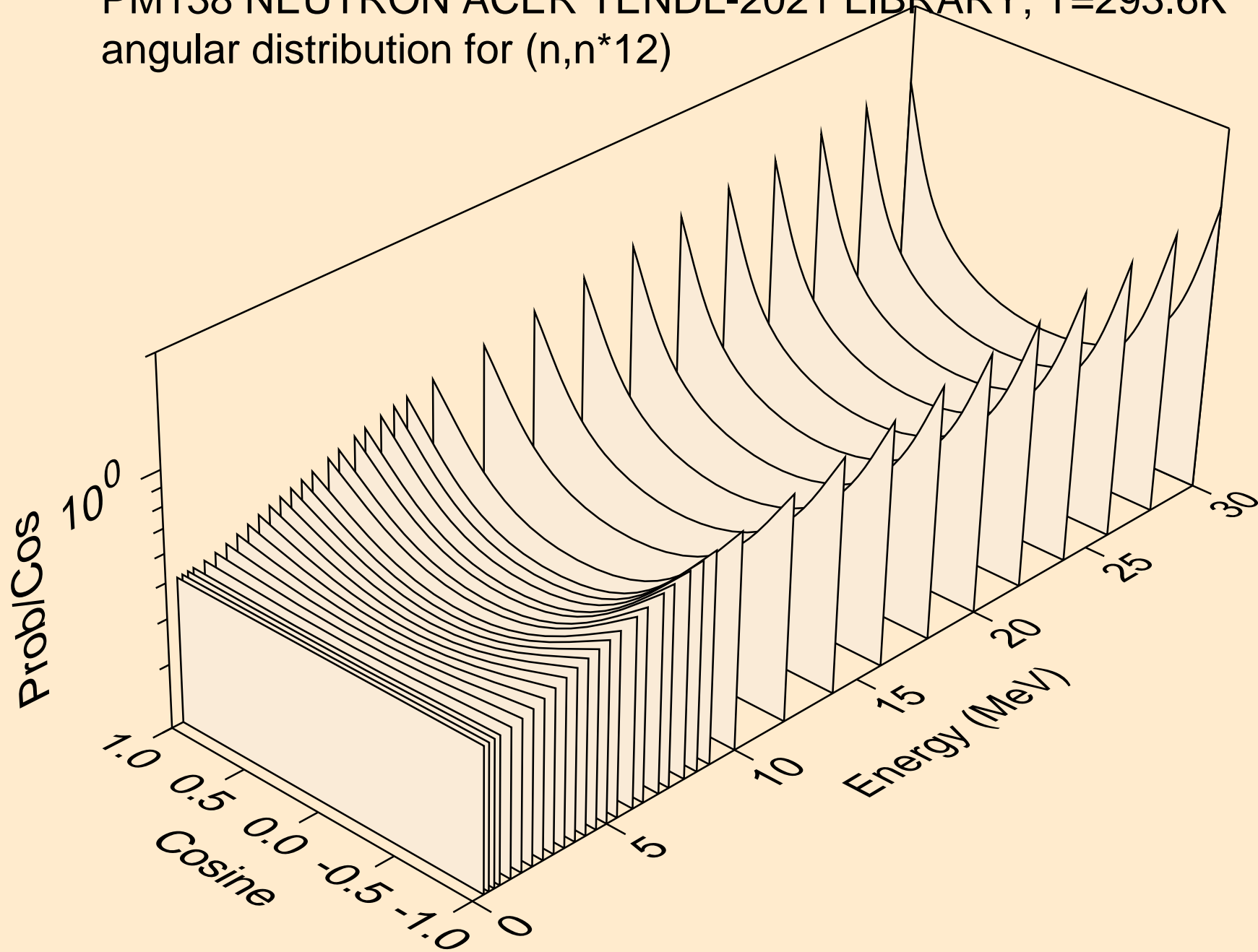
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



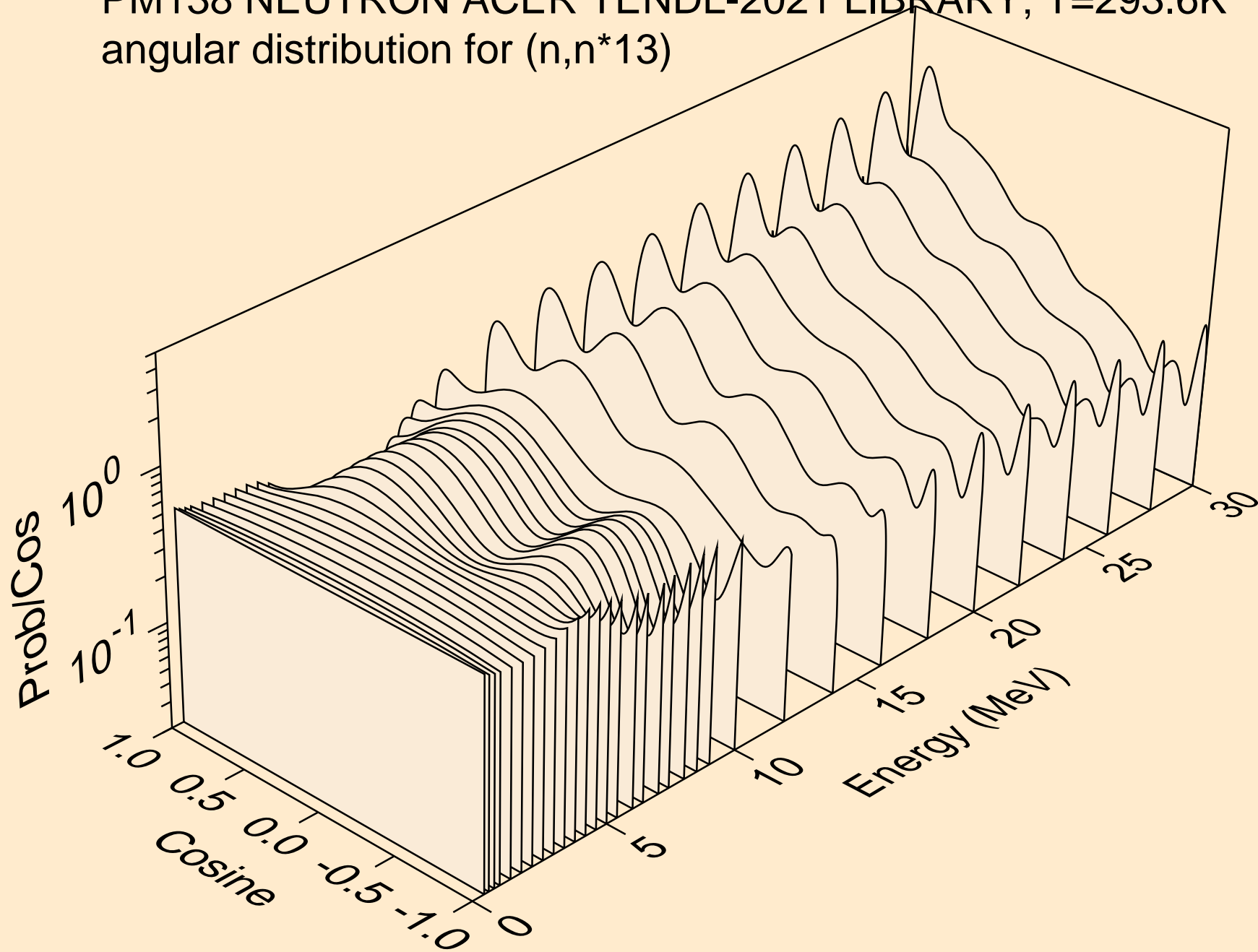
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



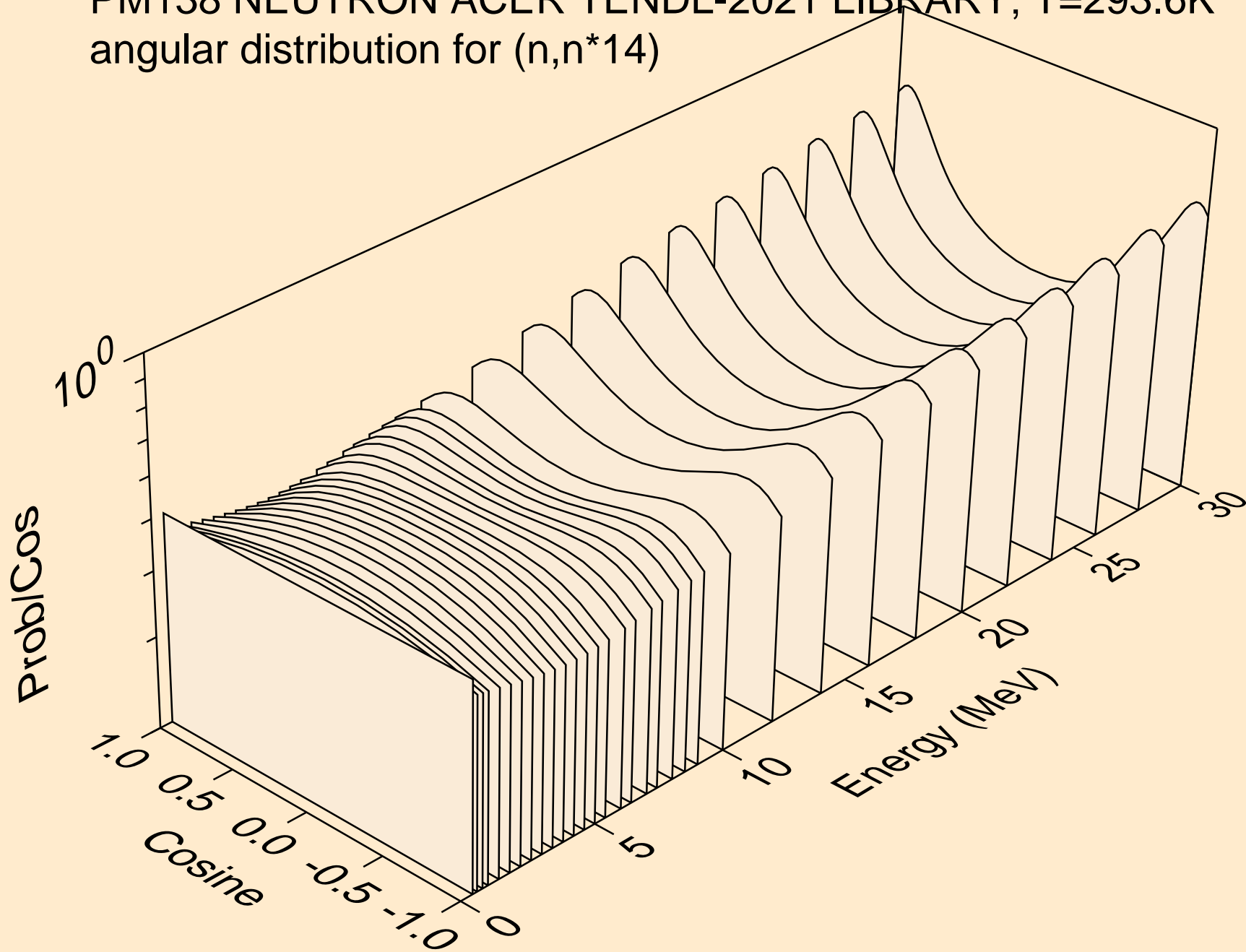
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)

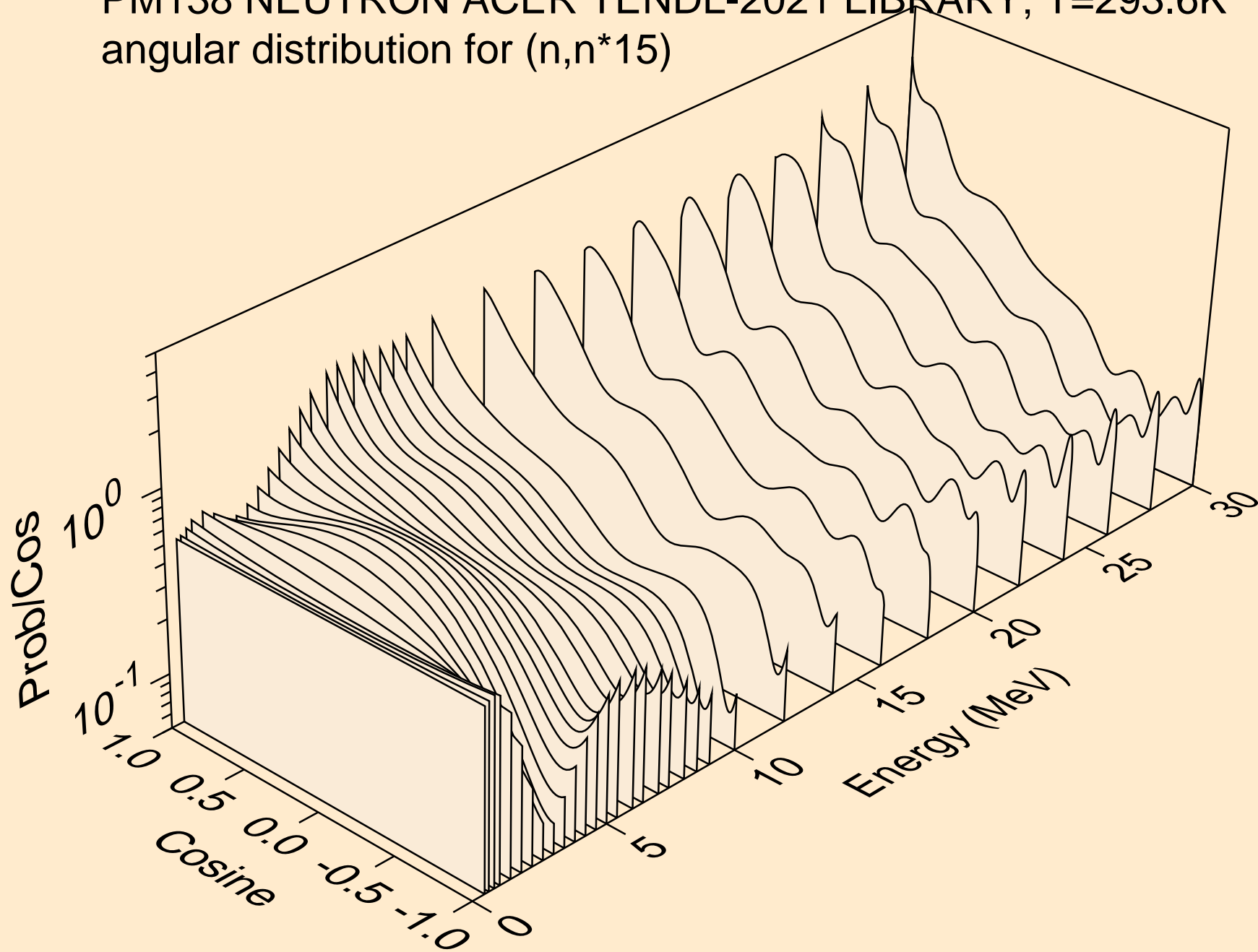


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)

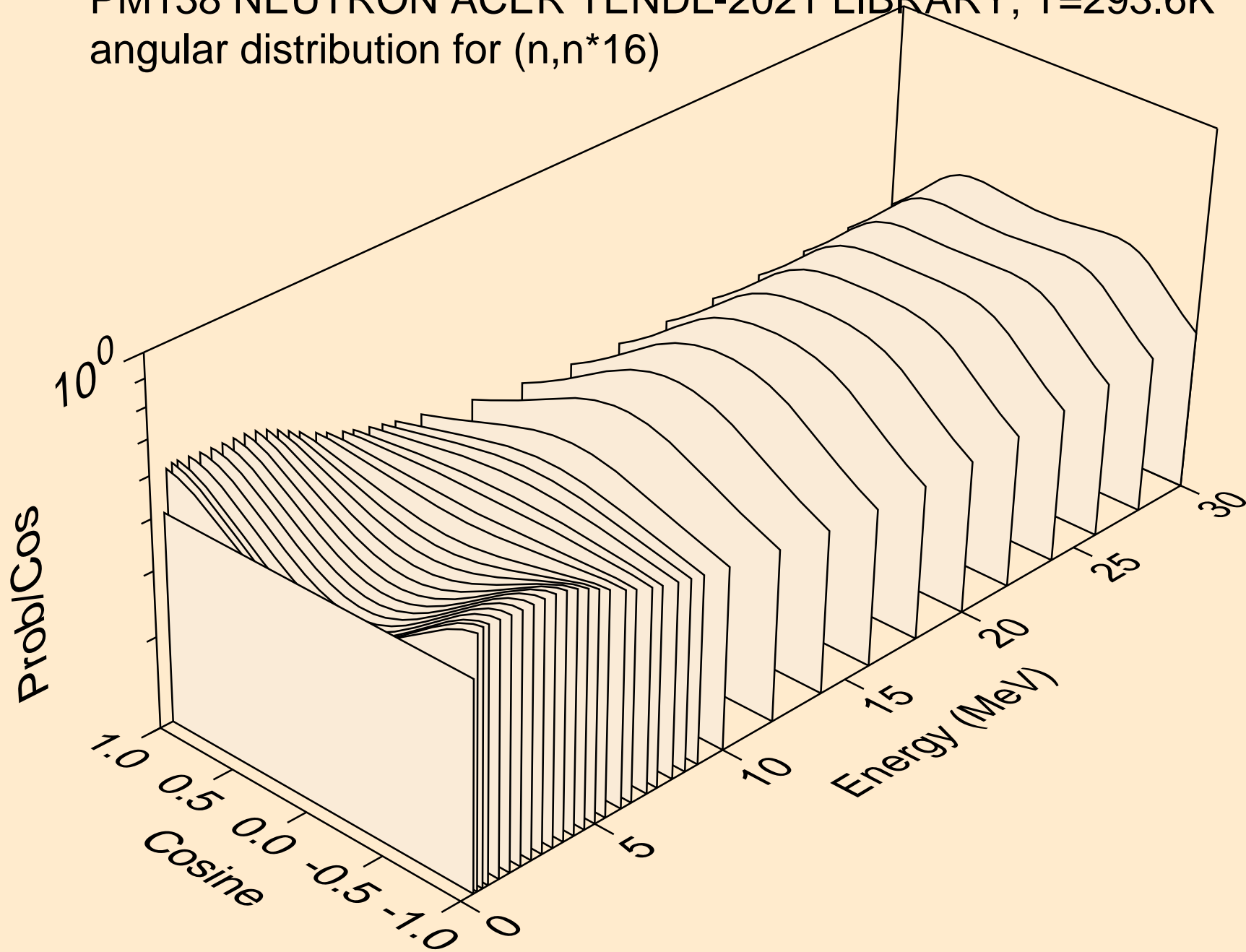




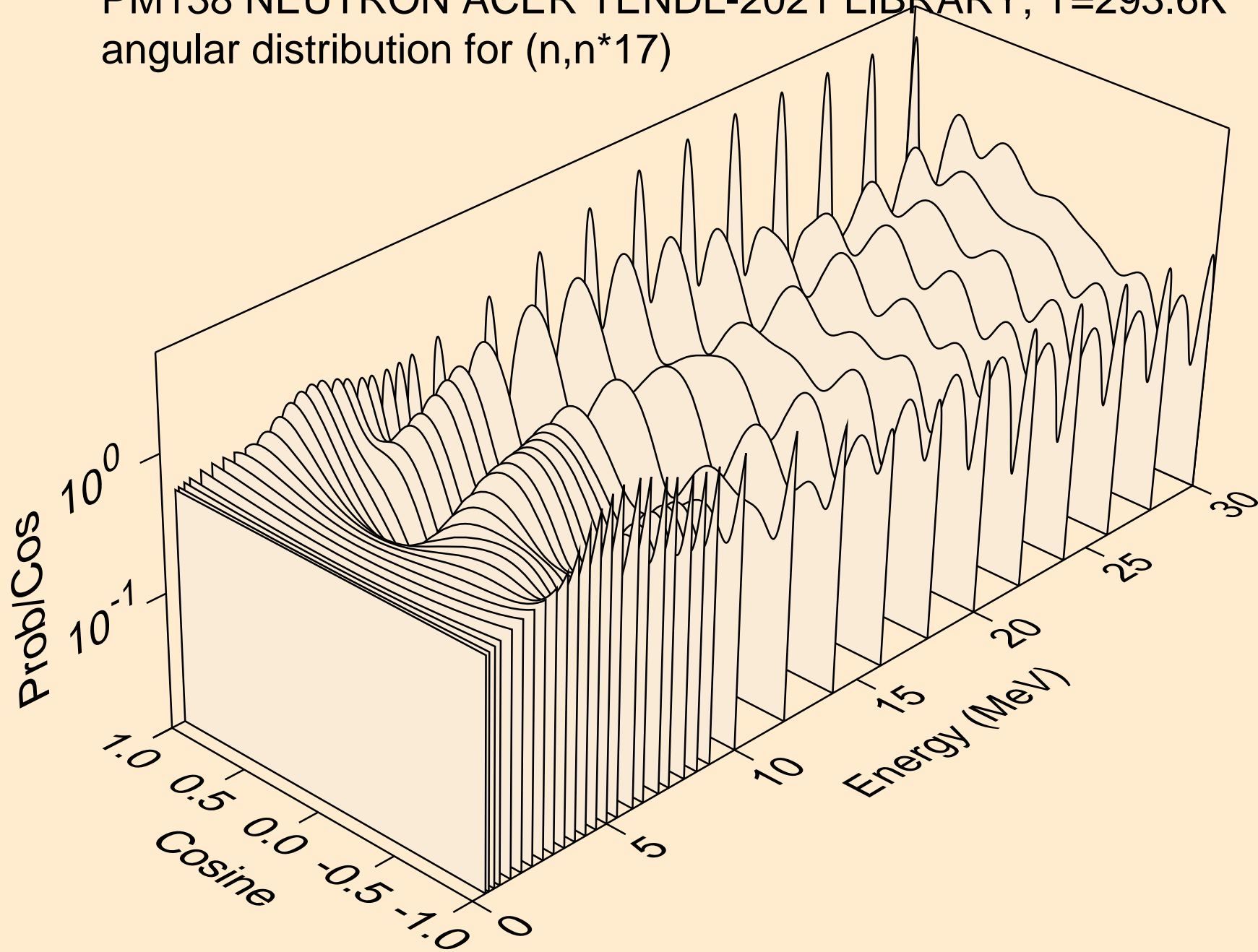
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



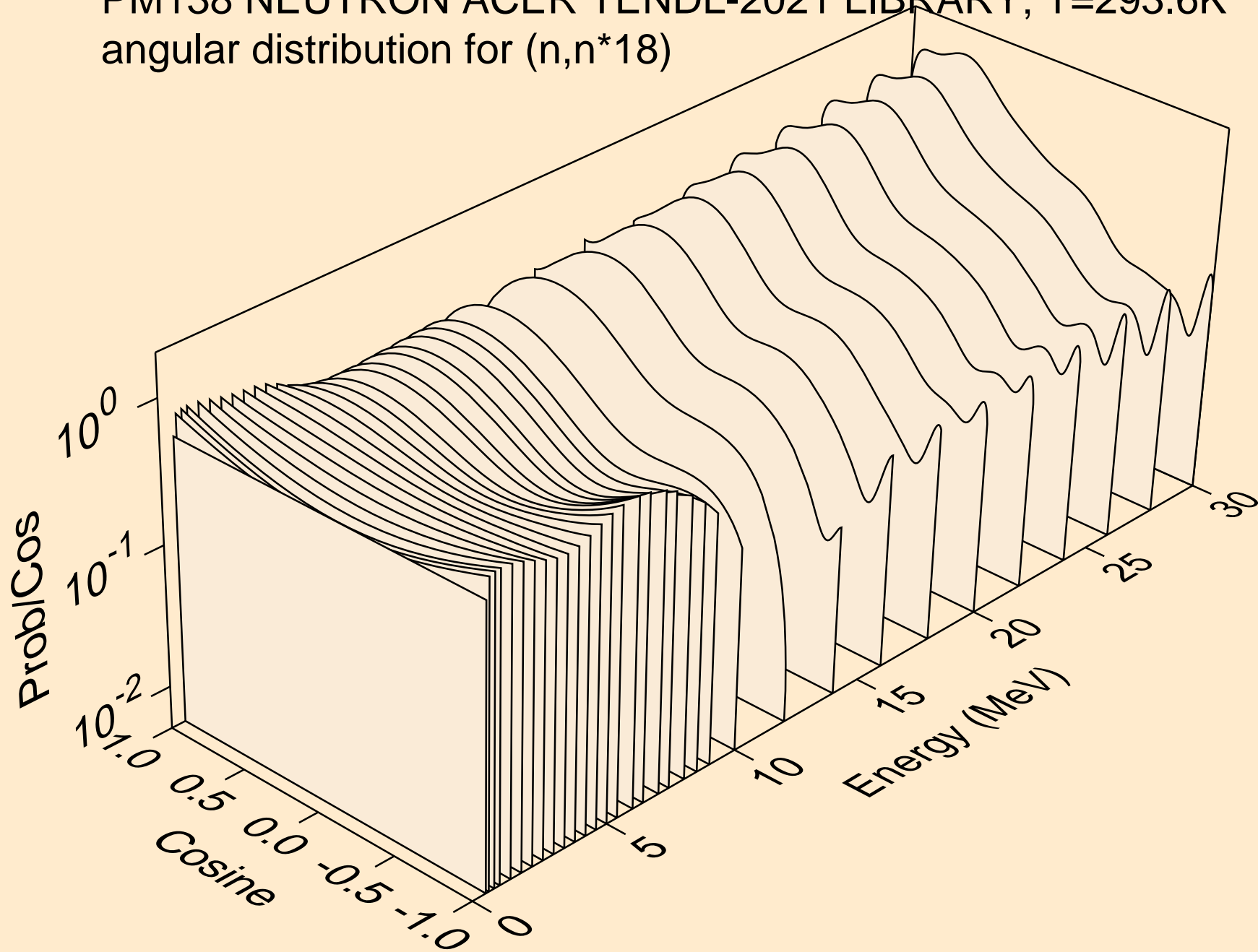
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



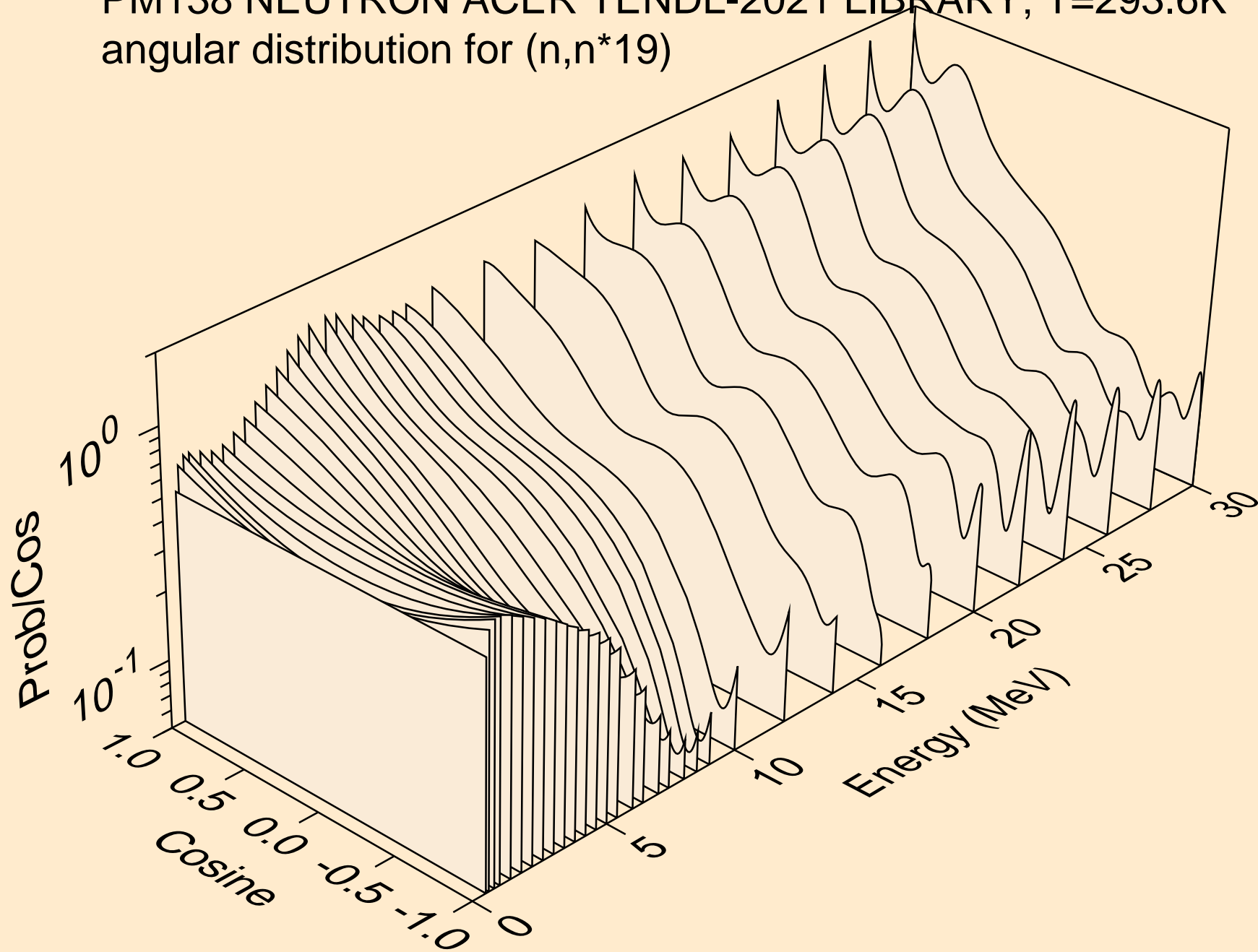
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



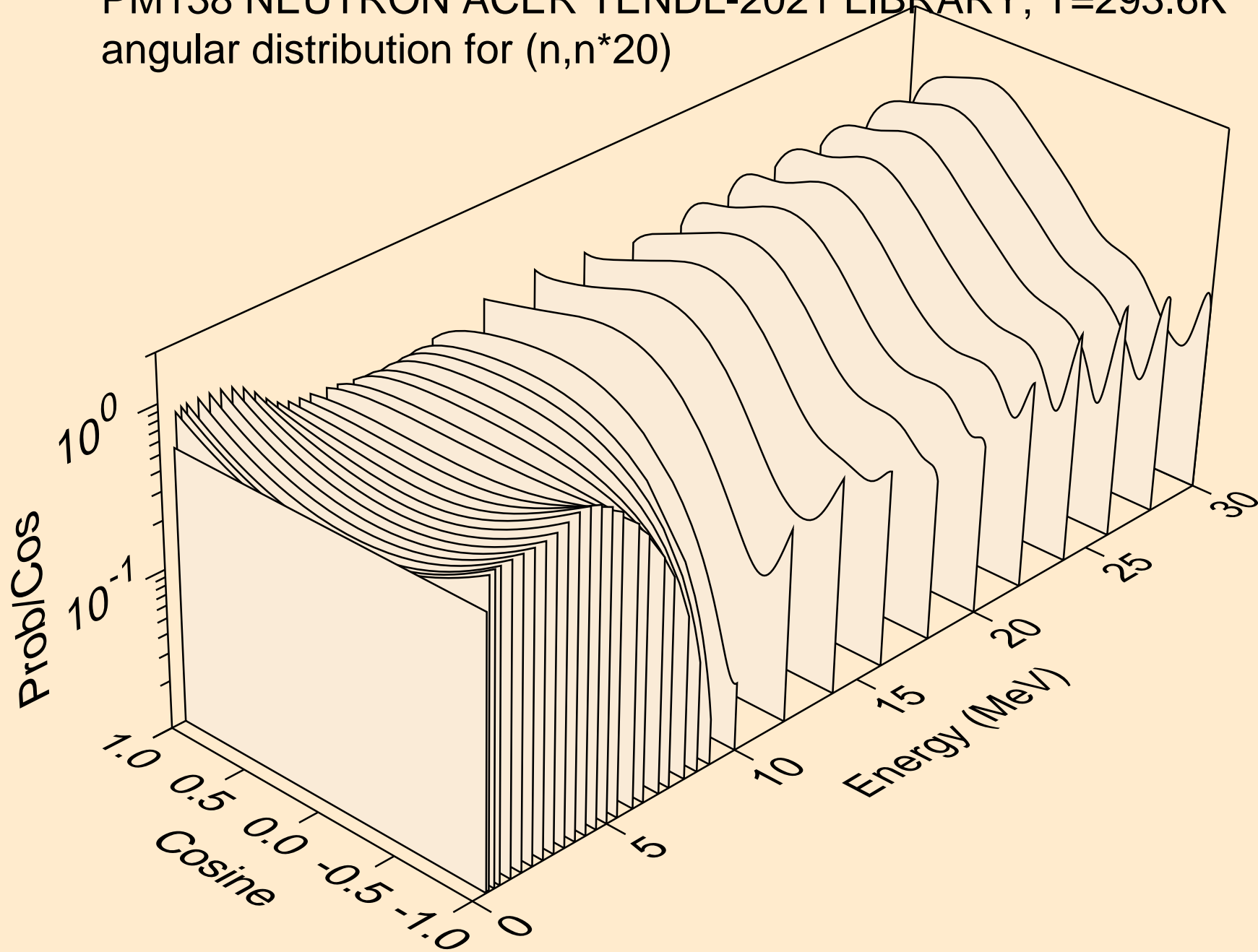
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



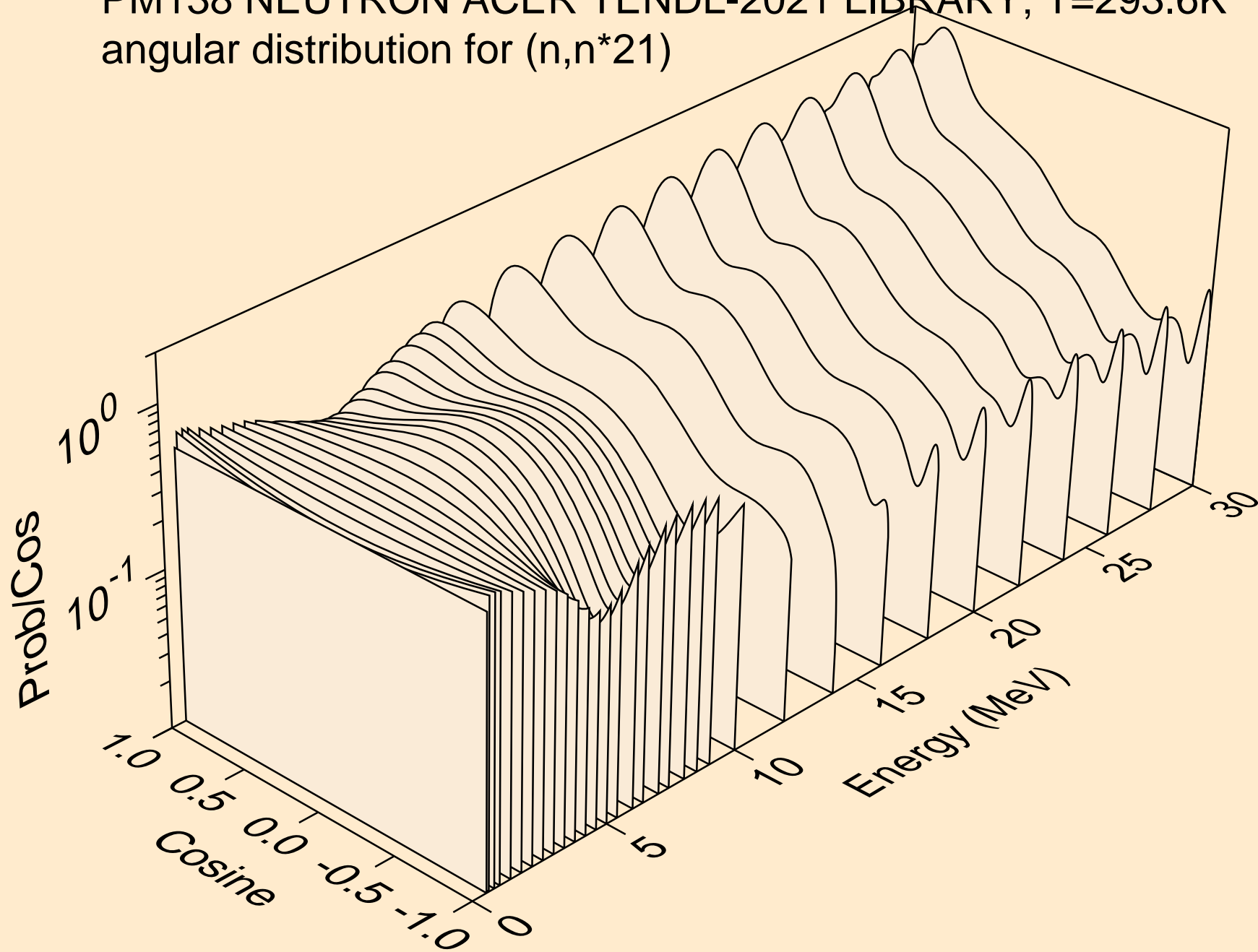
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



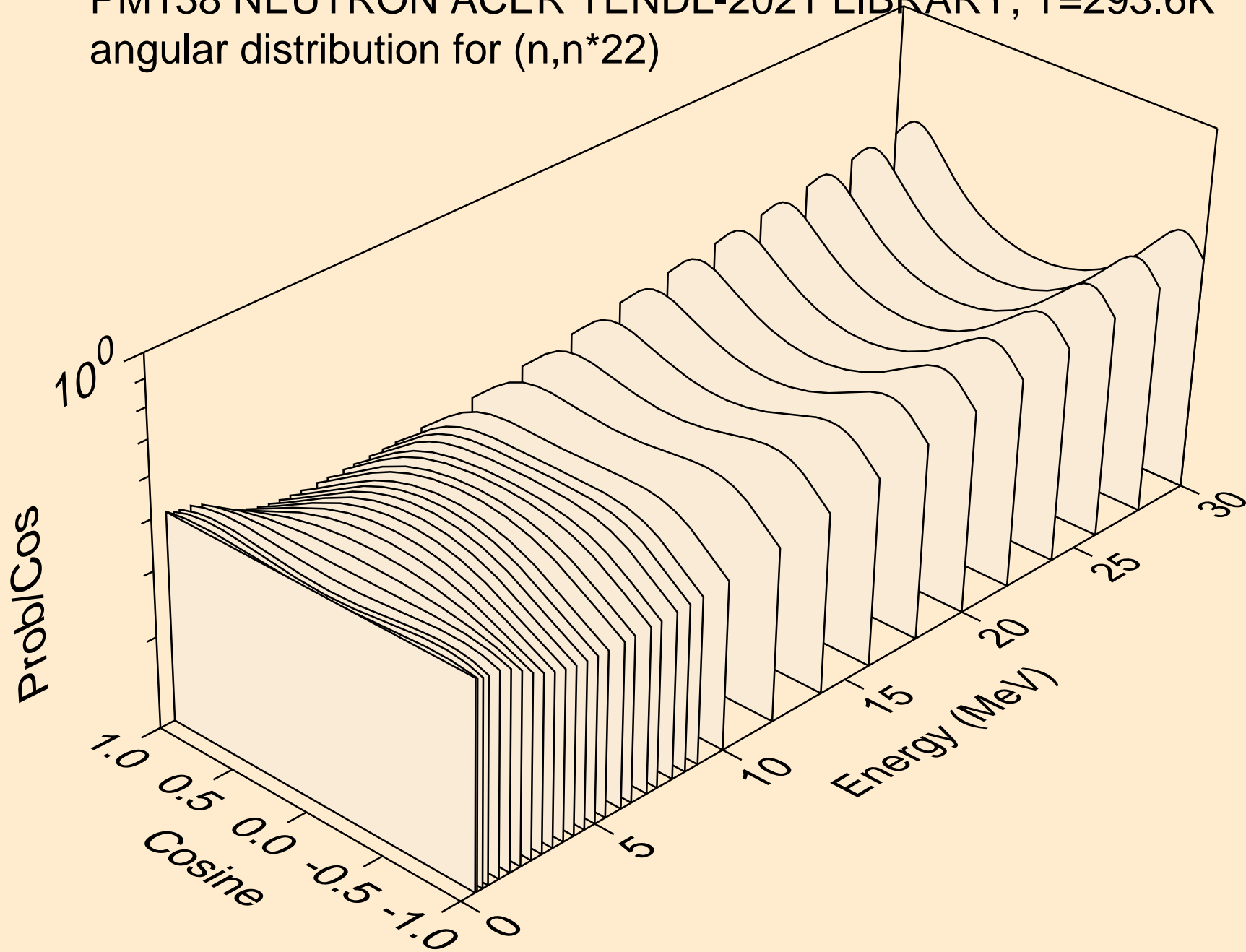
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)

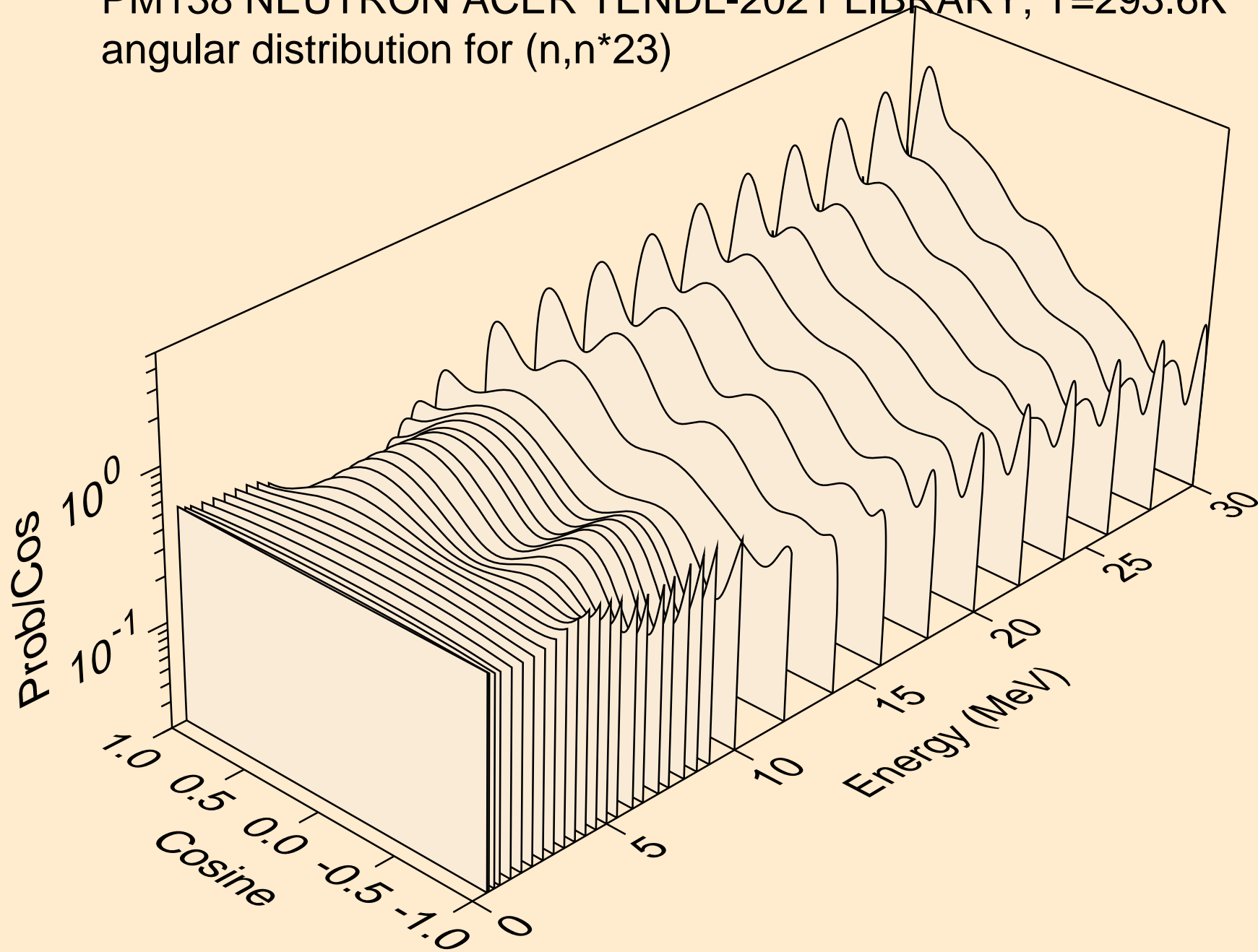


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)

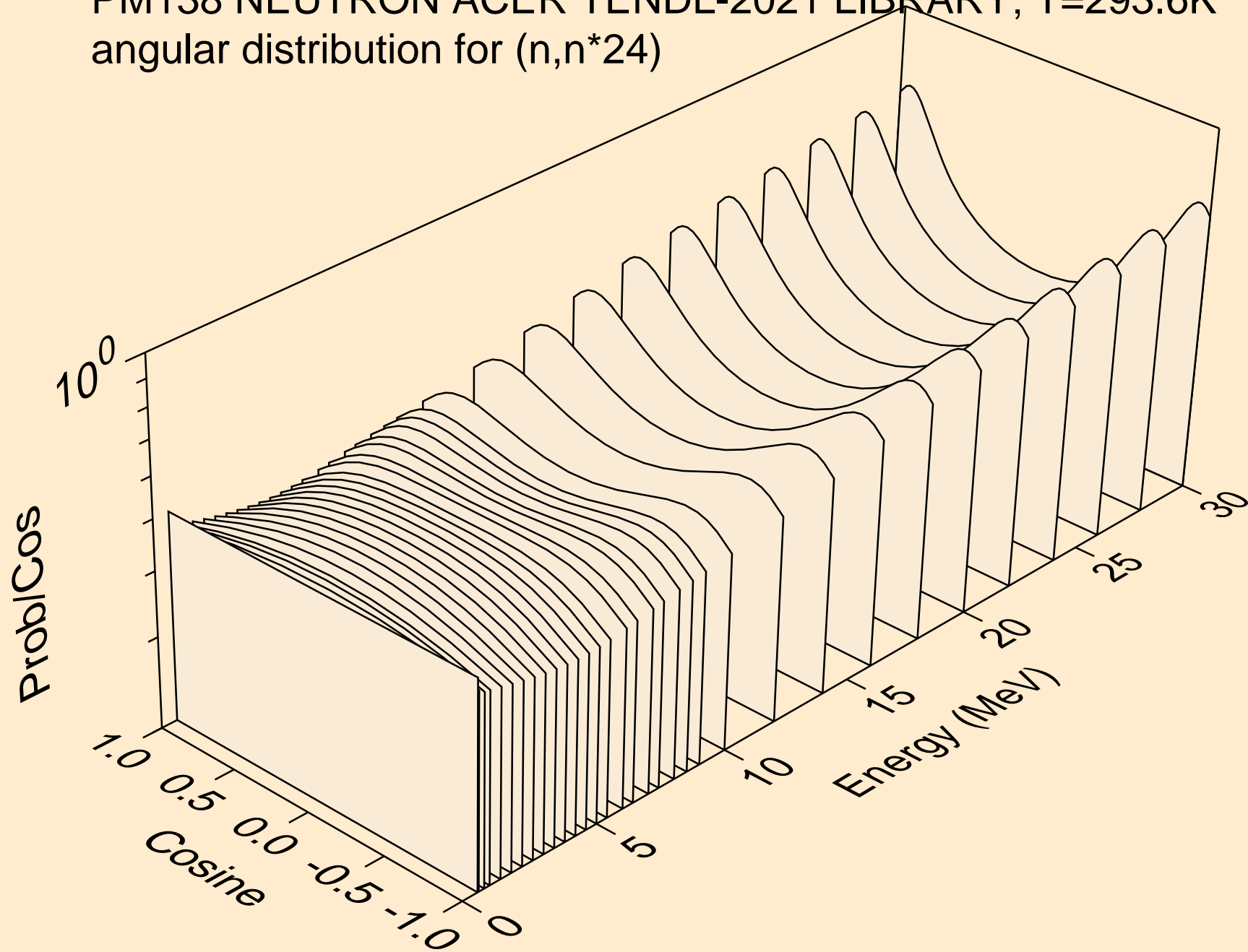




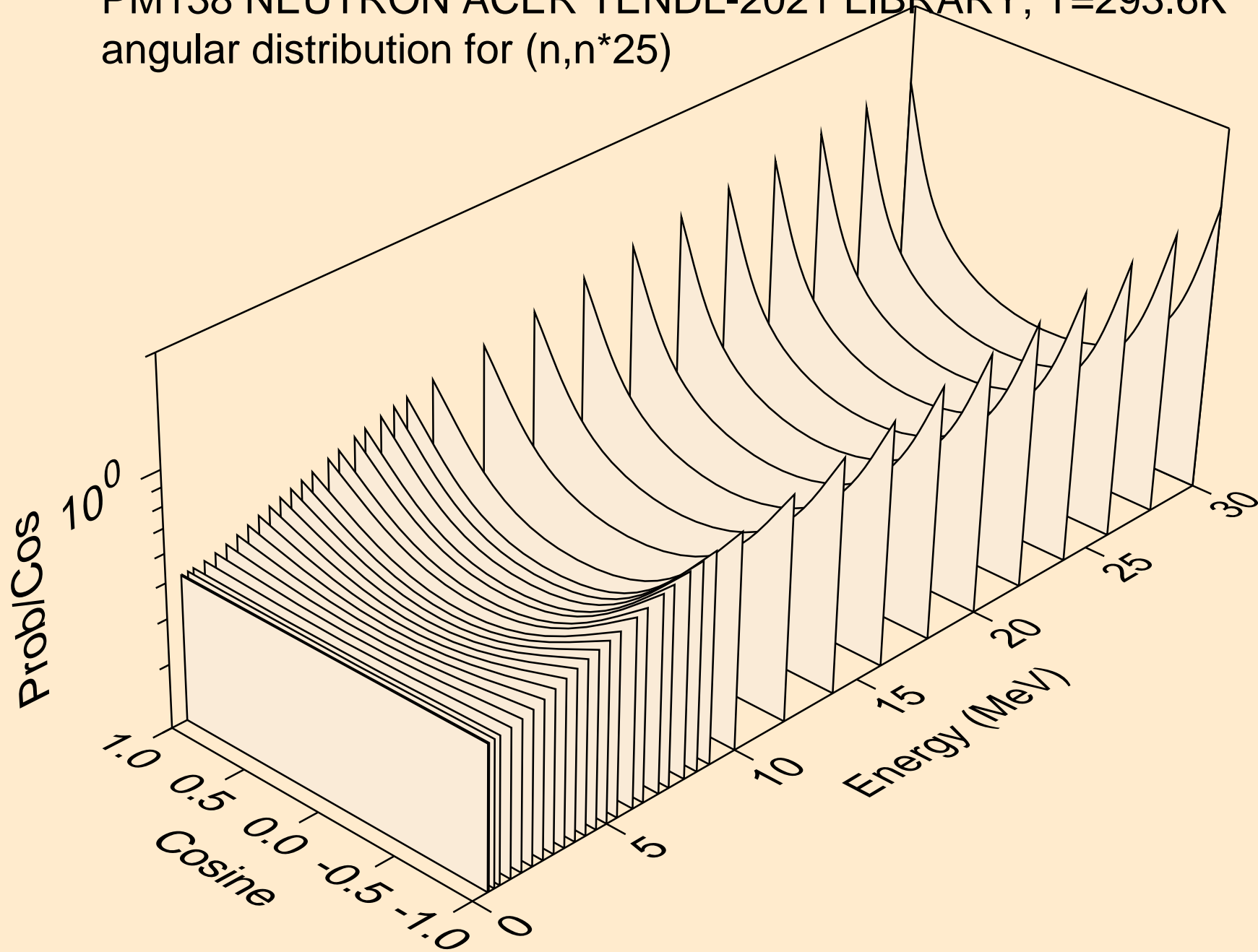
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



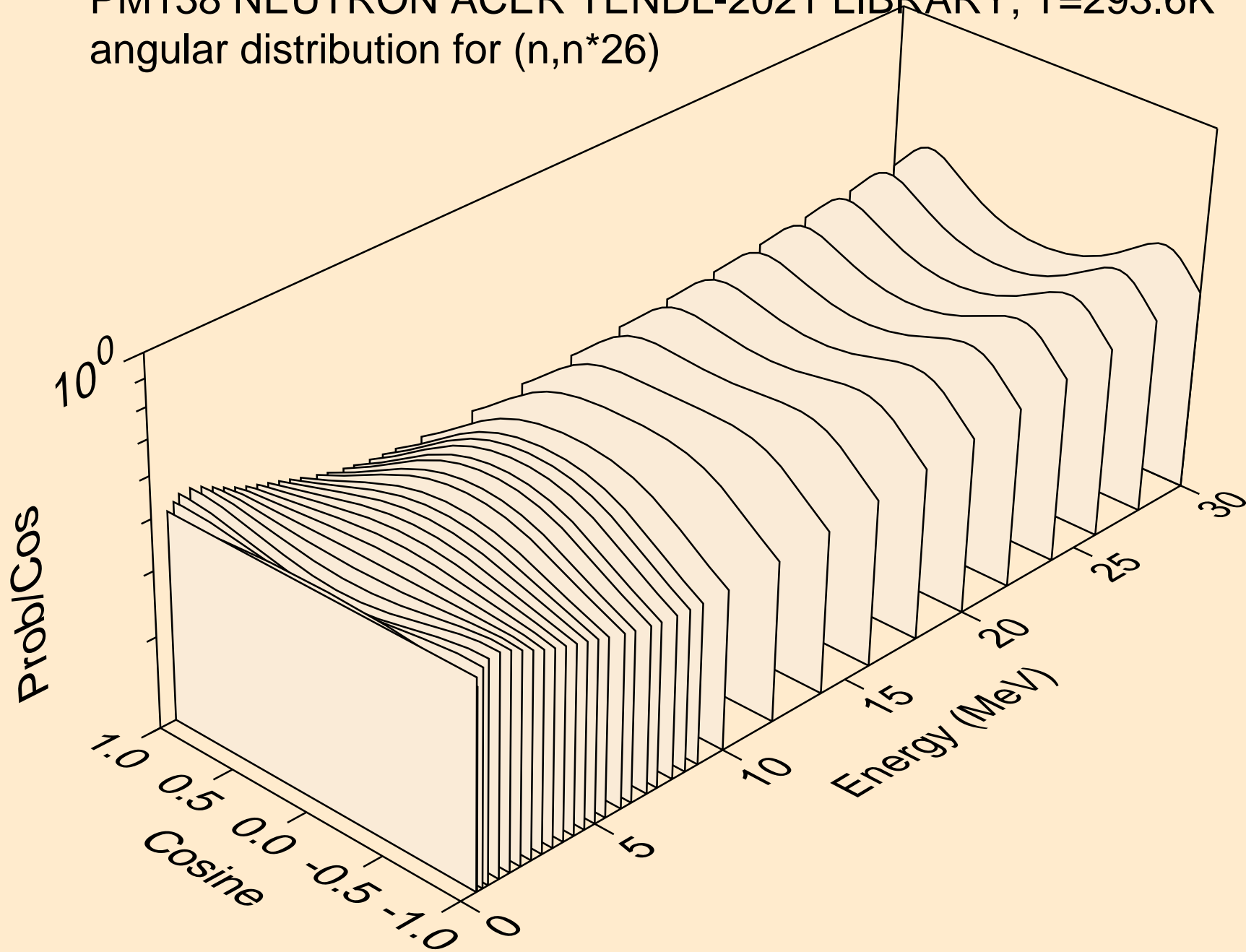
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



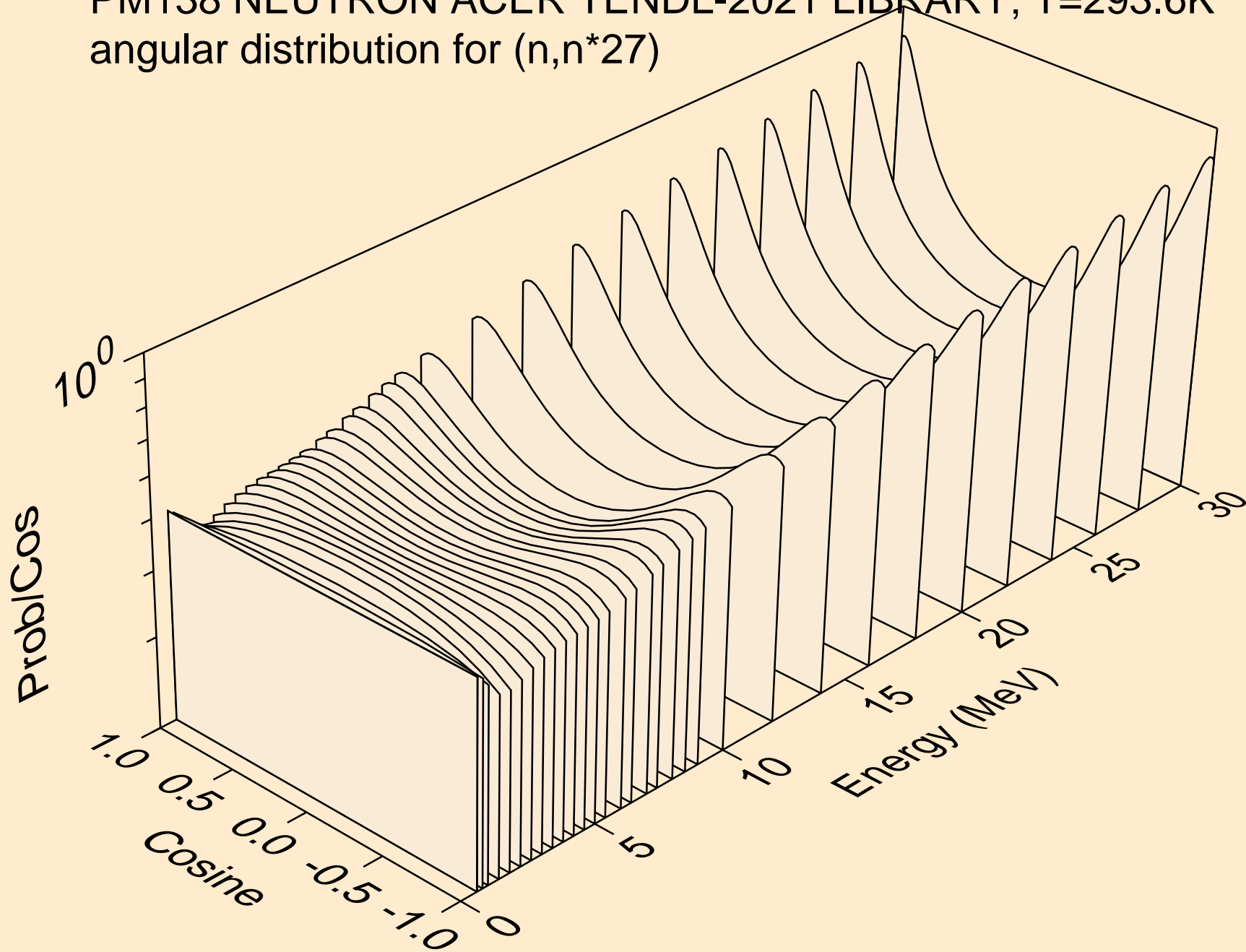
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



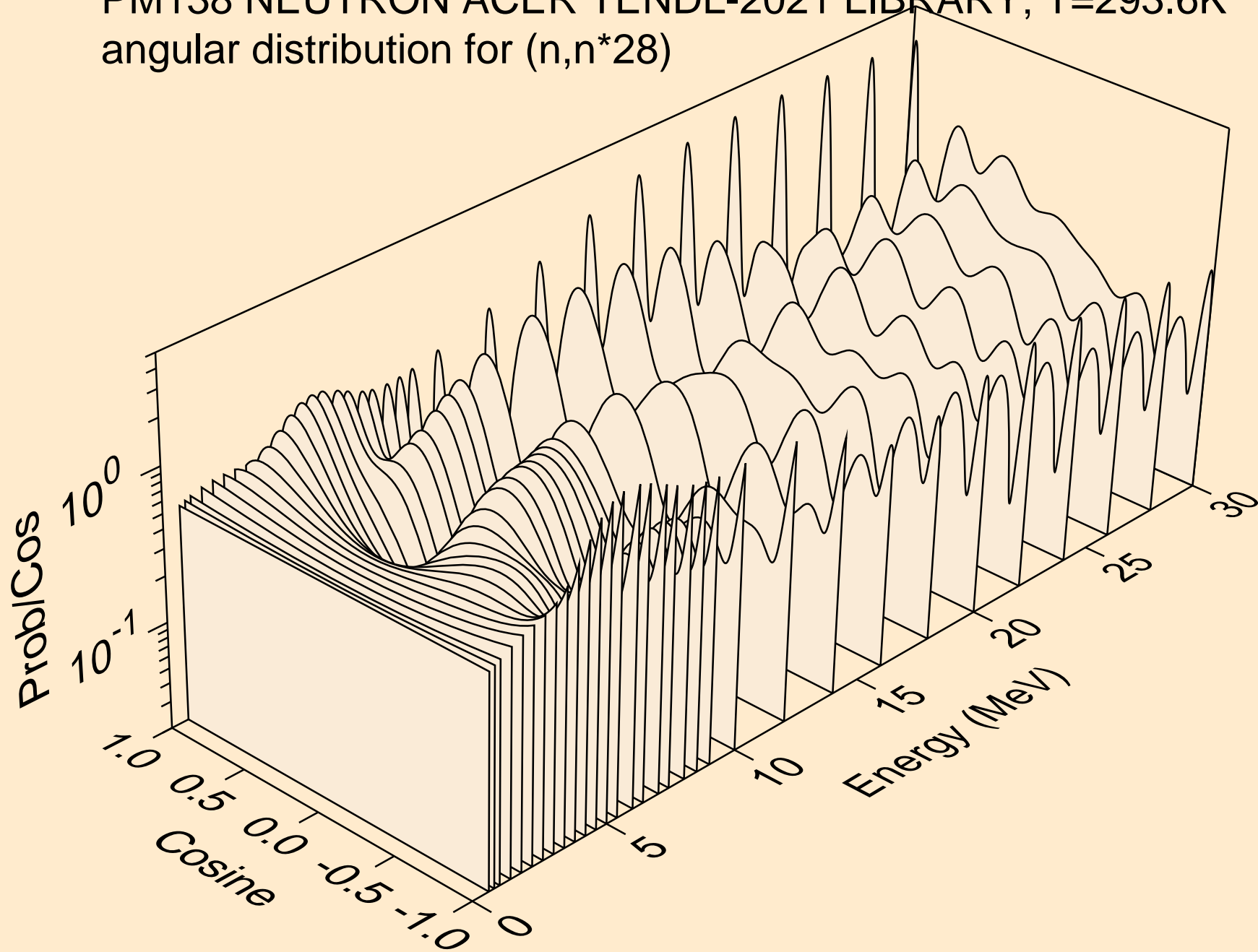
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



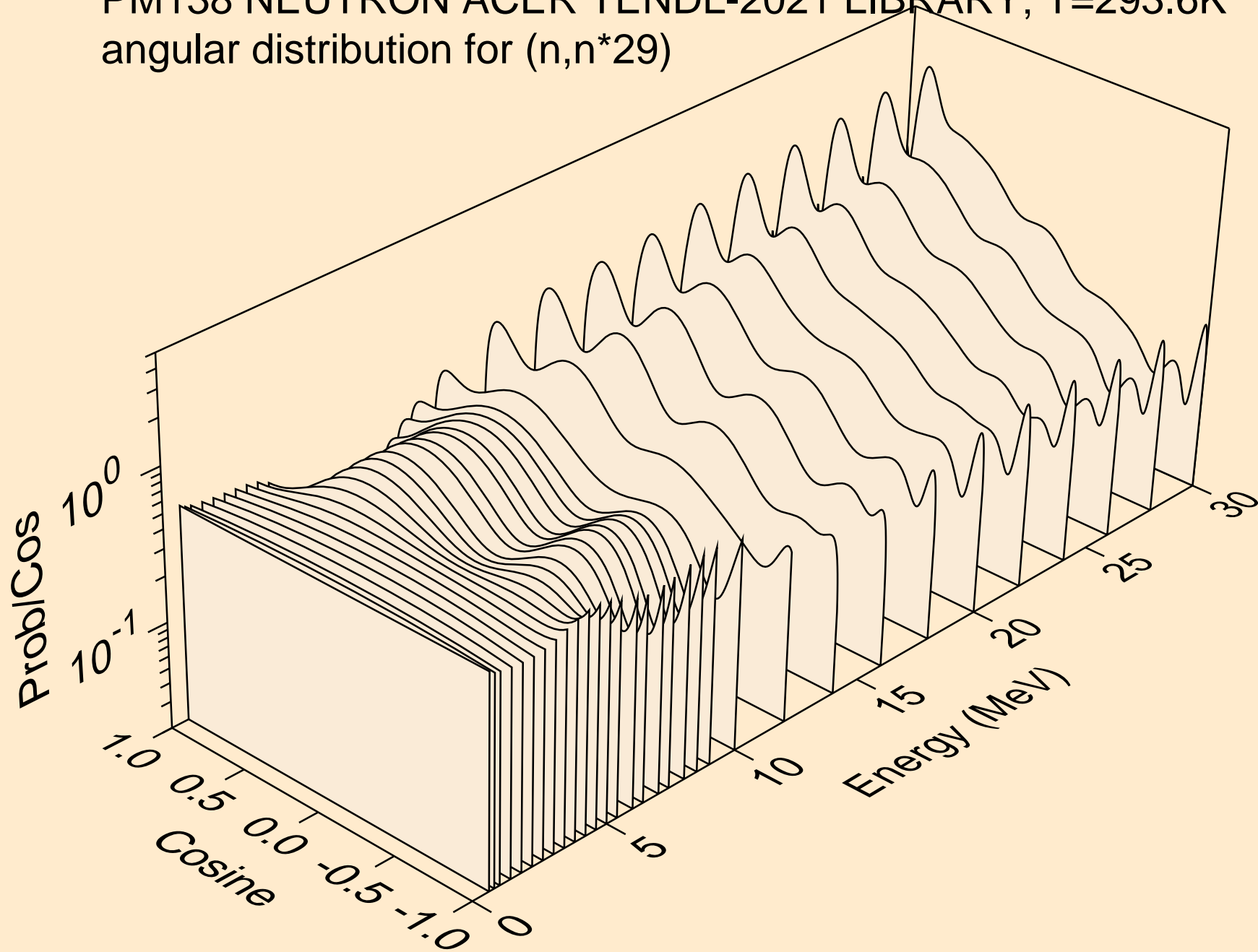
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



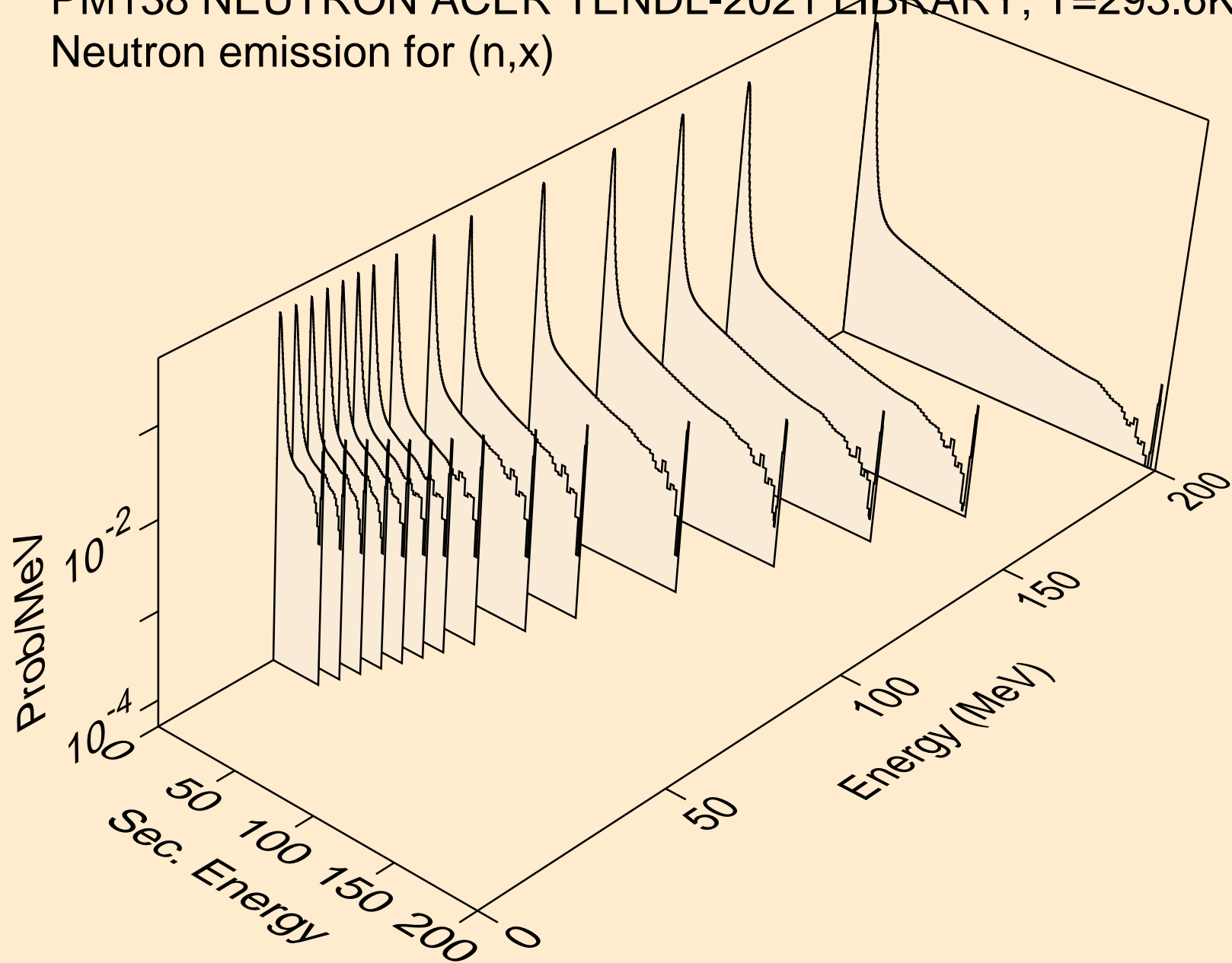
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)

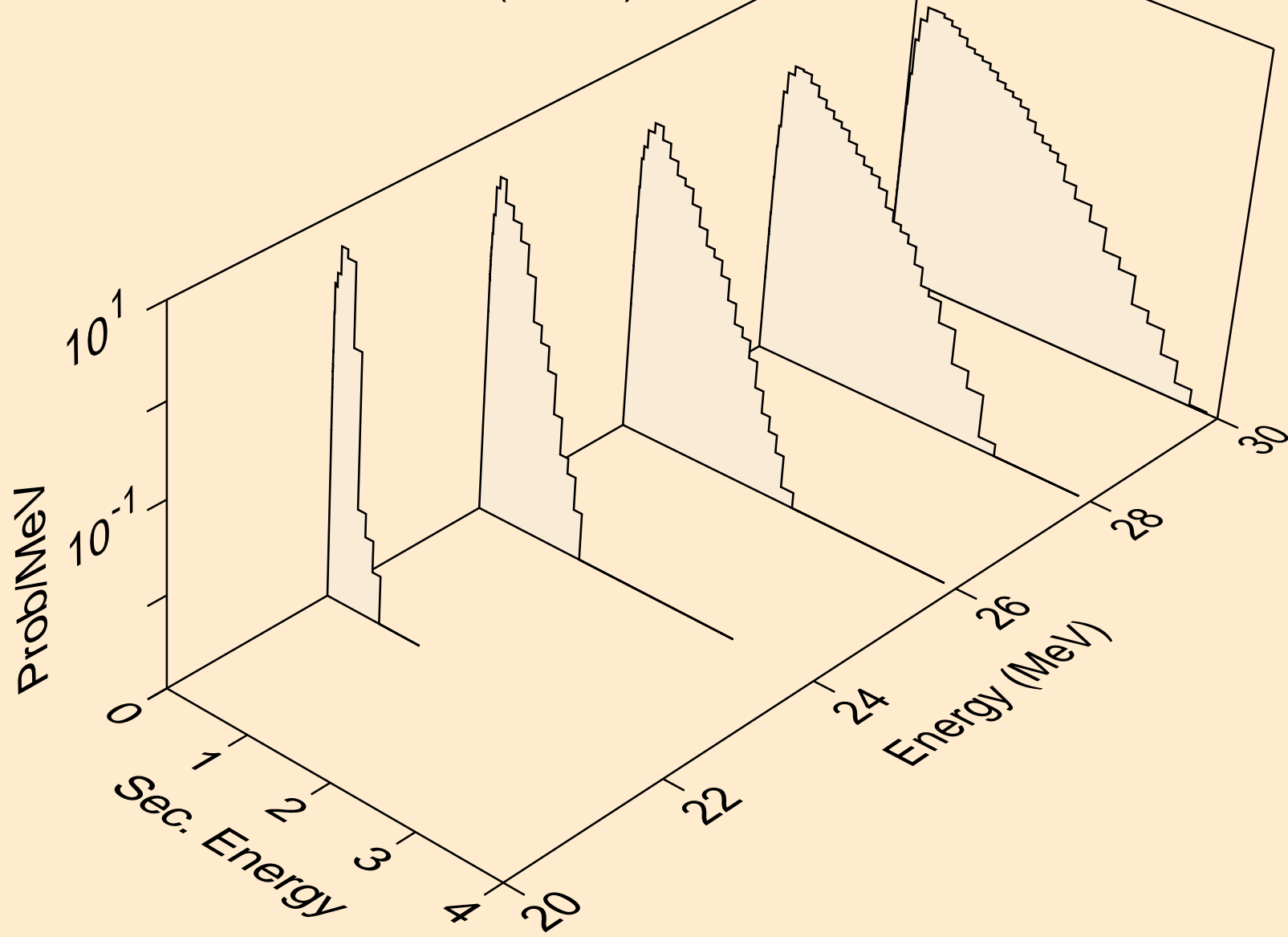


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

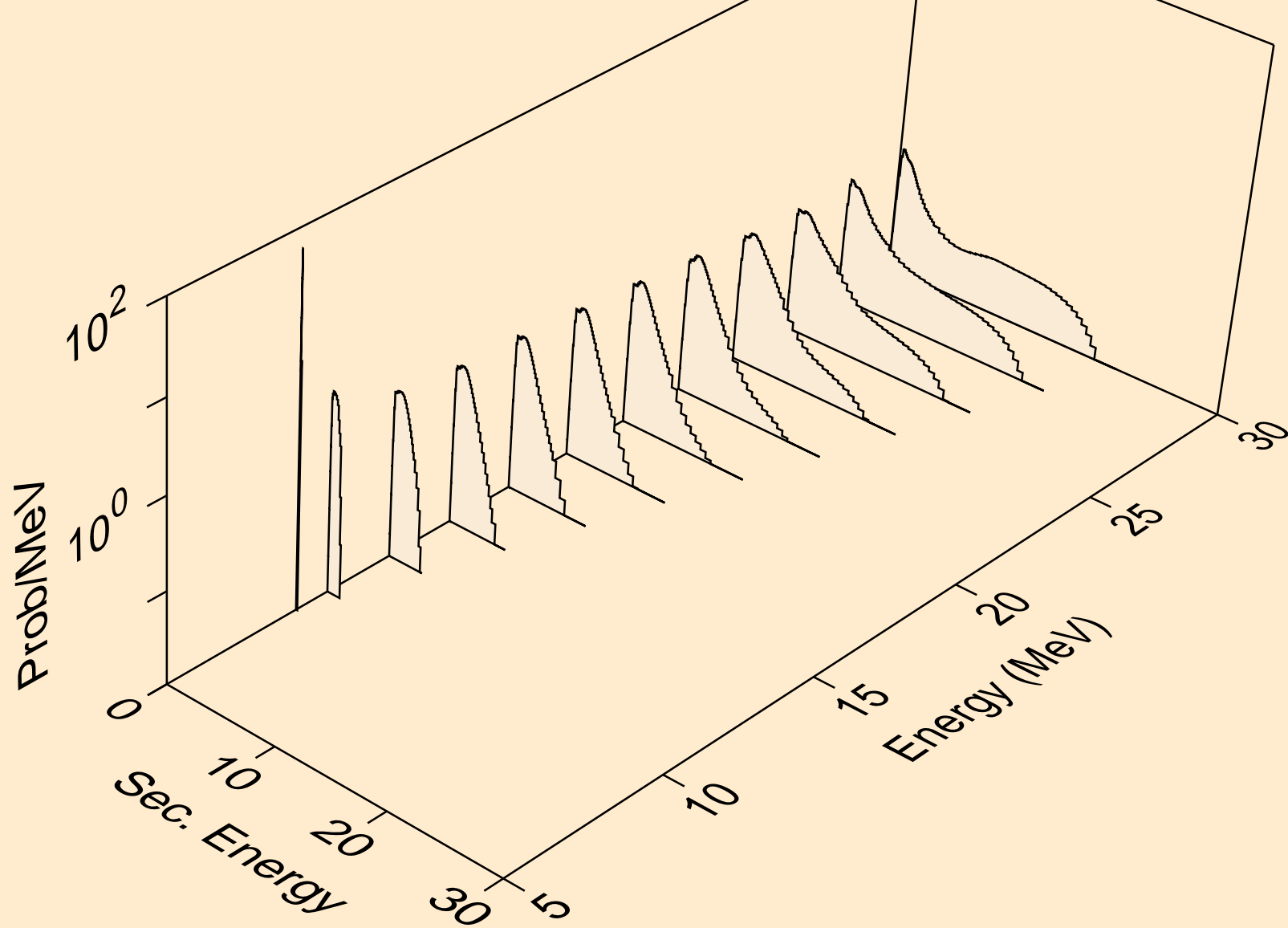




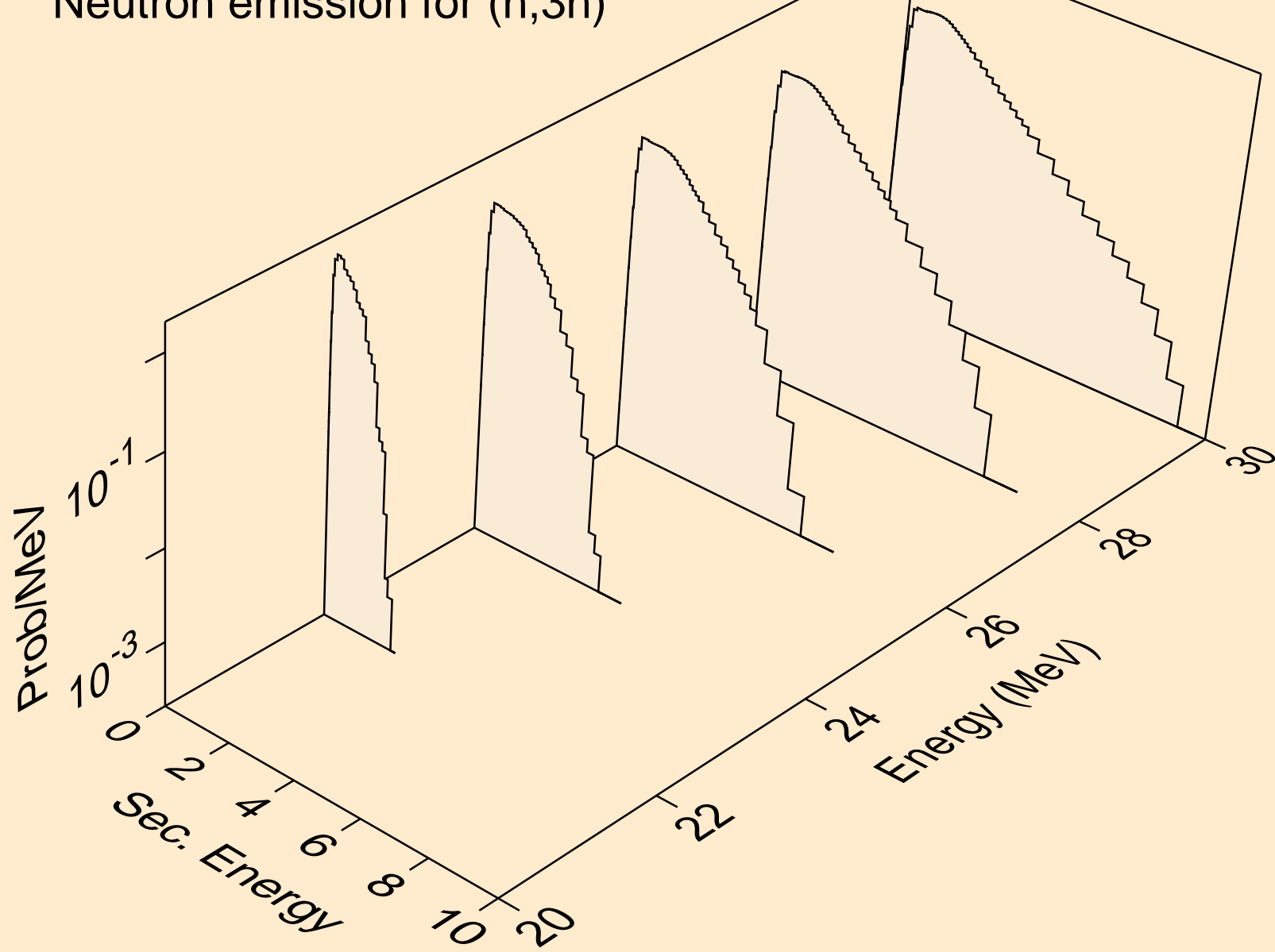
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



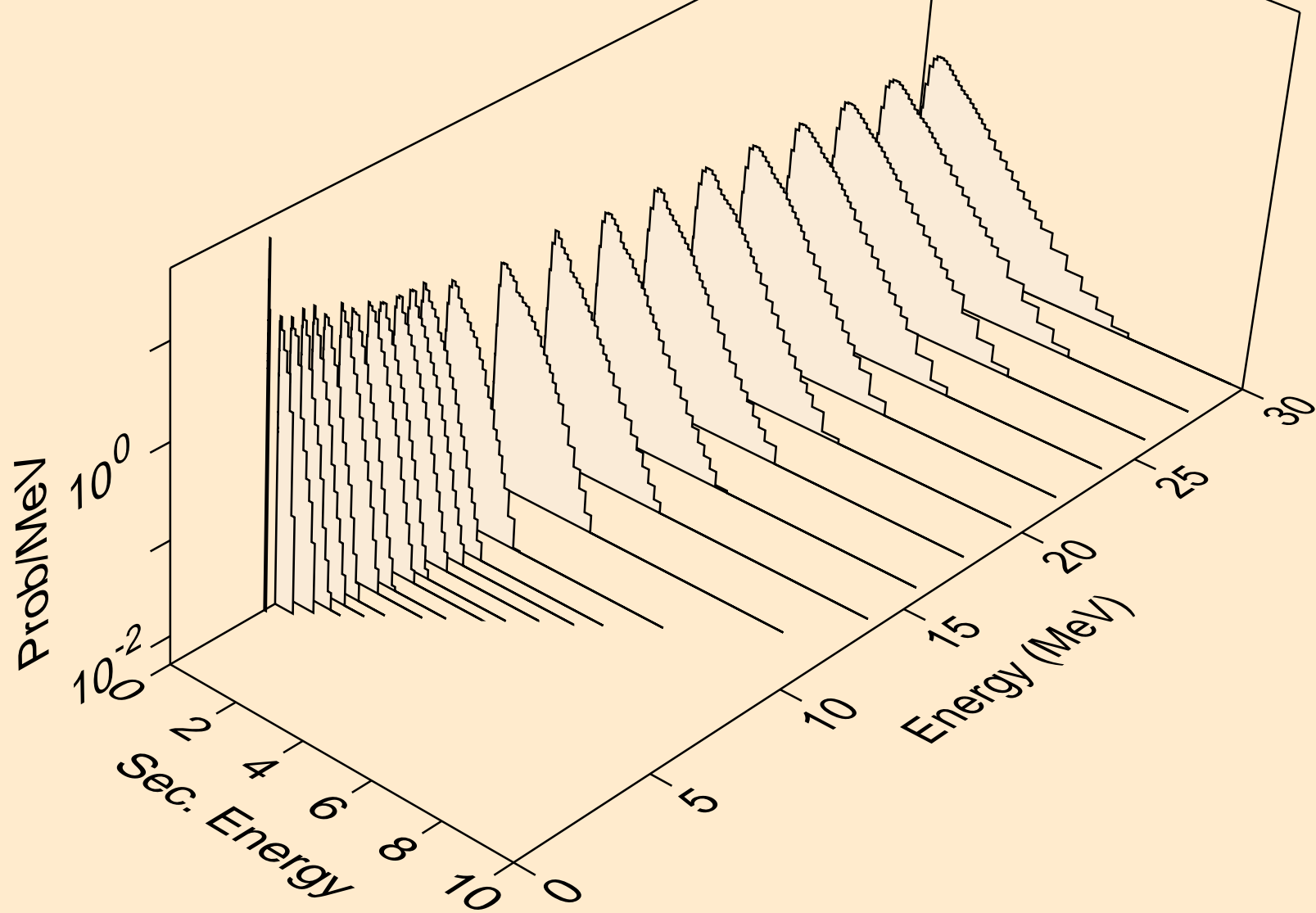
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



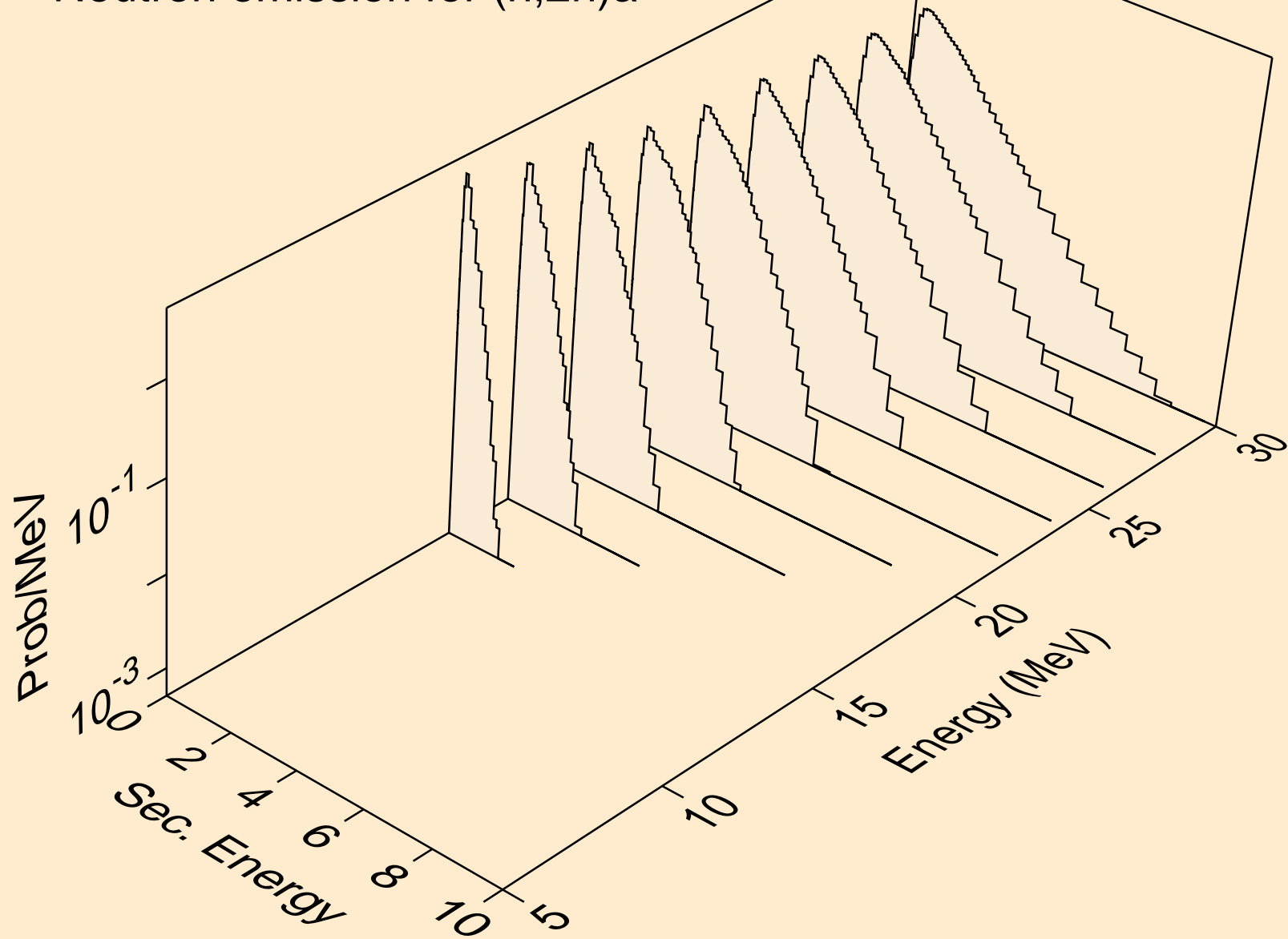
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



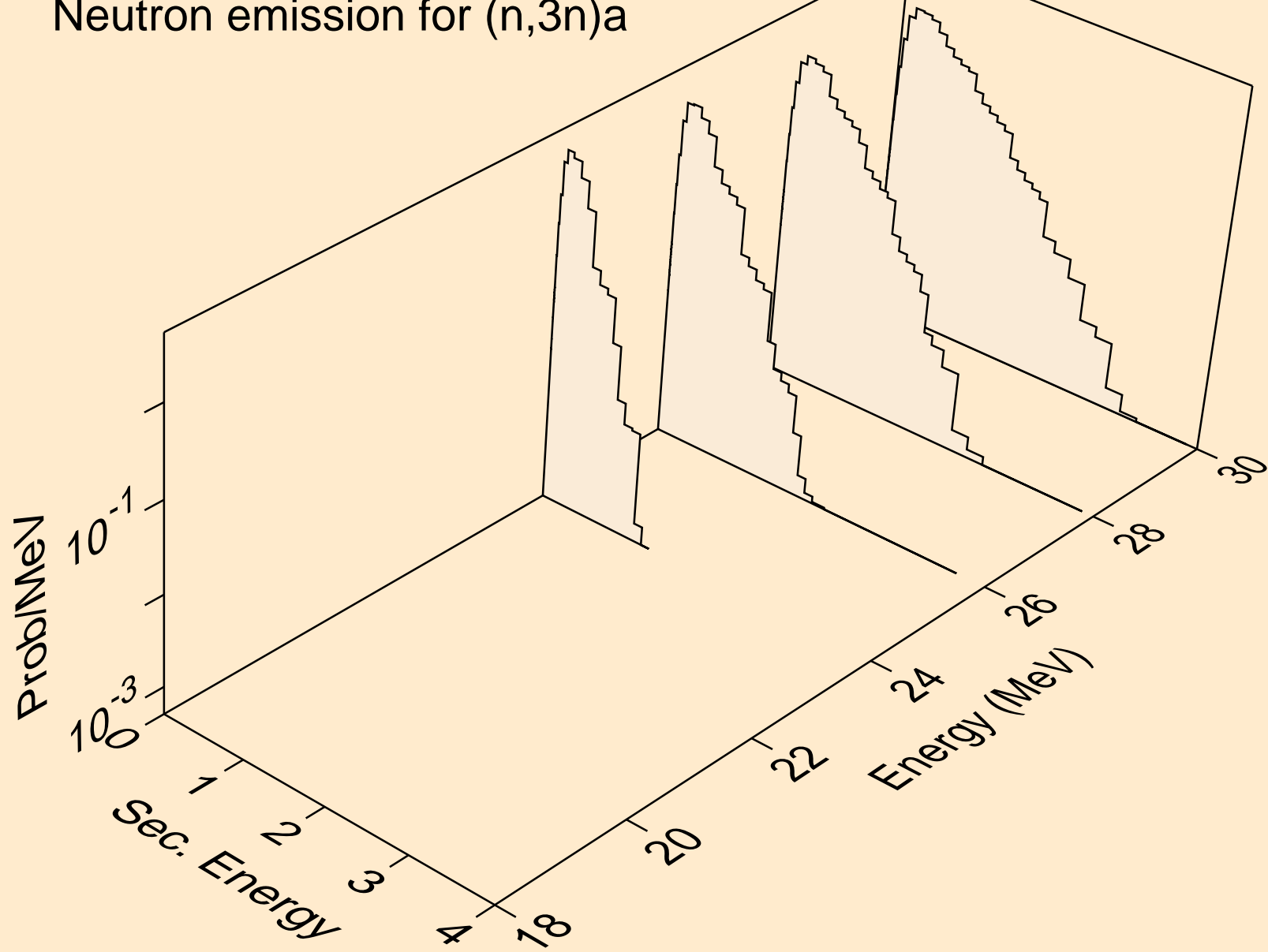
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



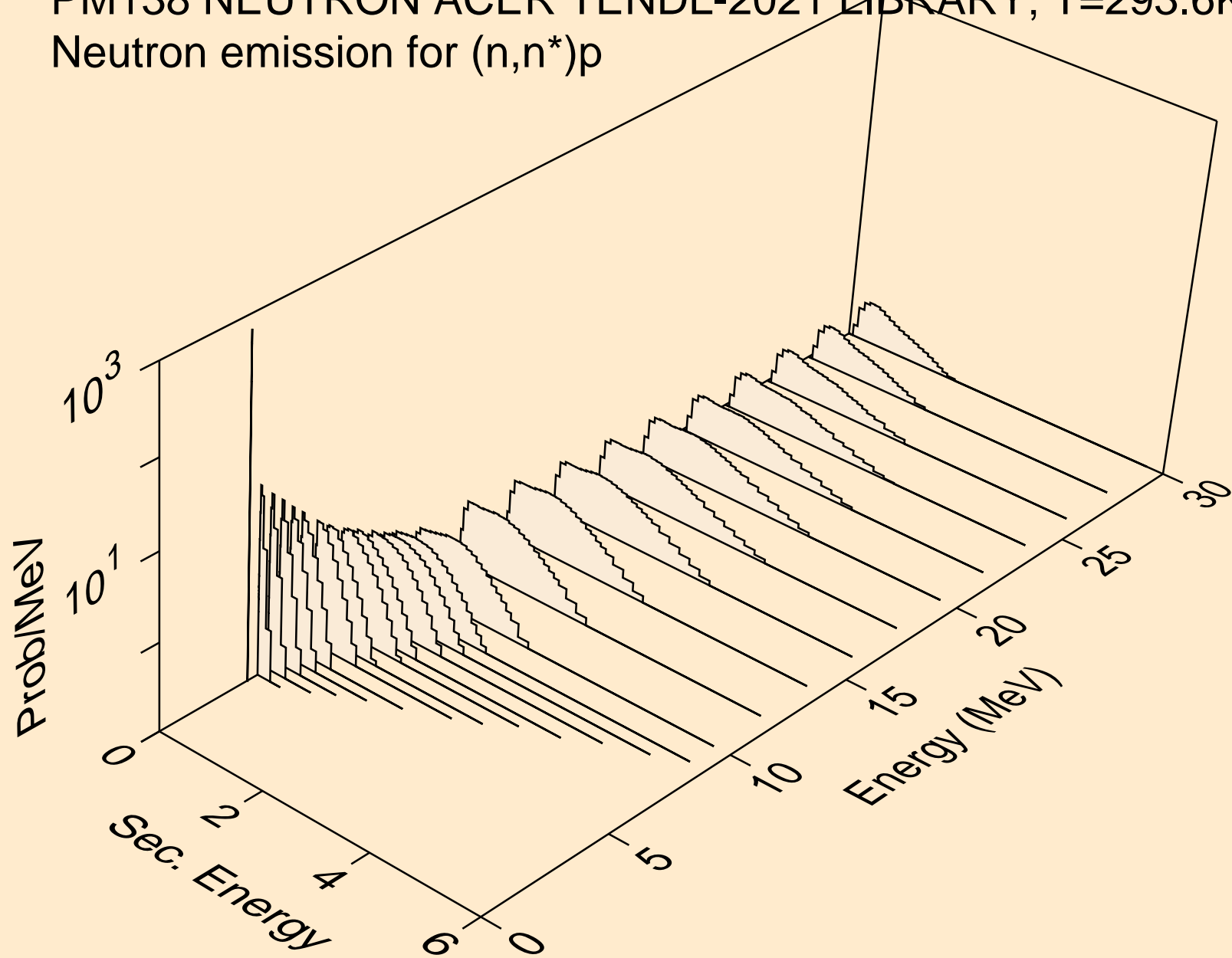
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



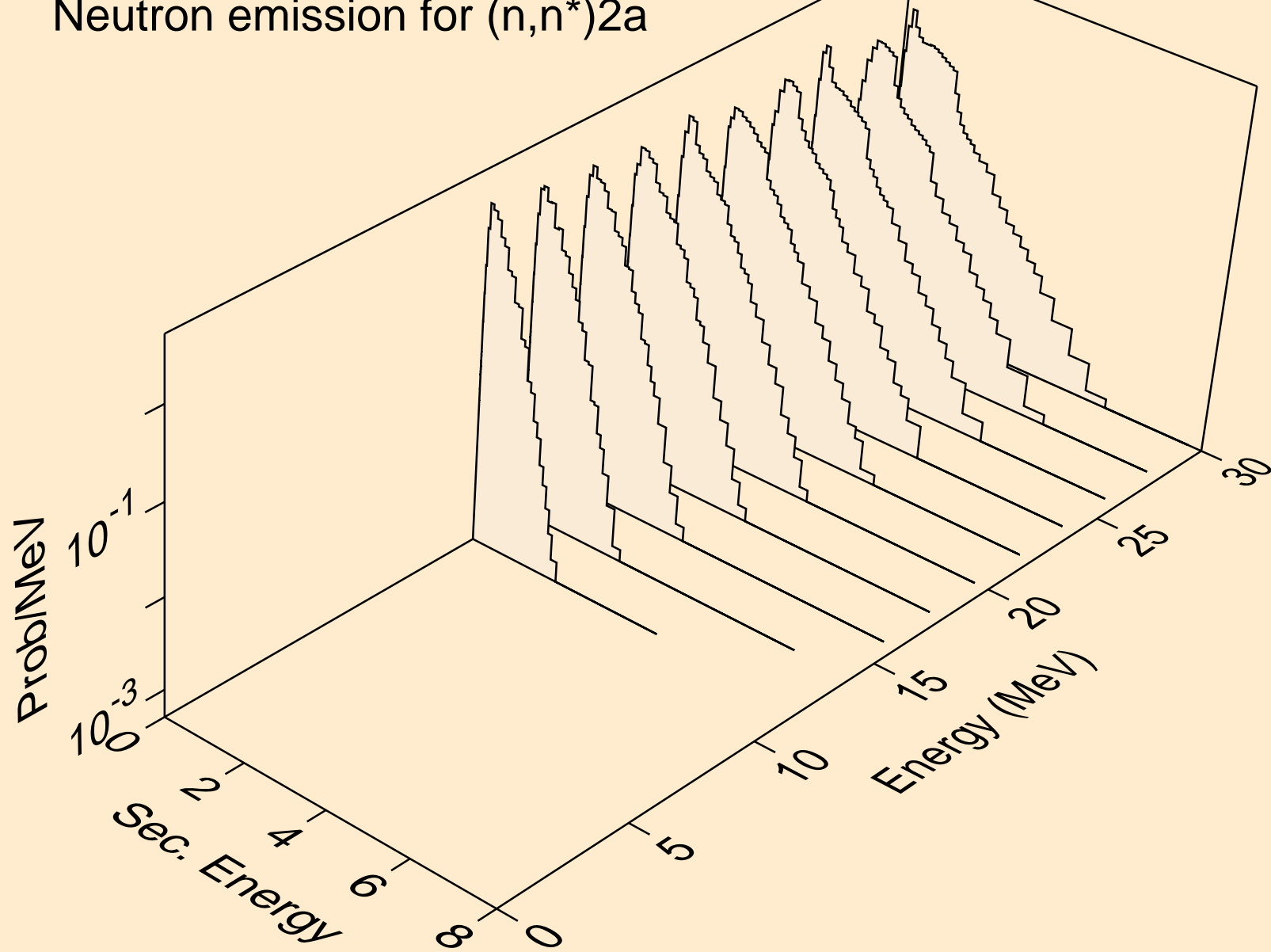
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

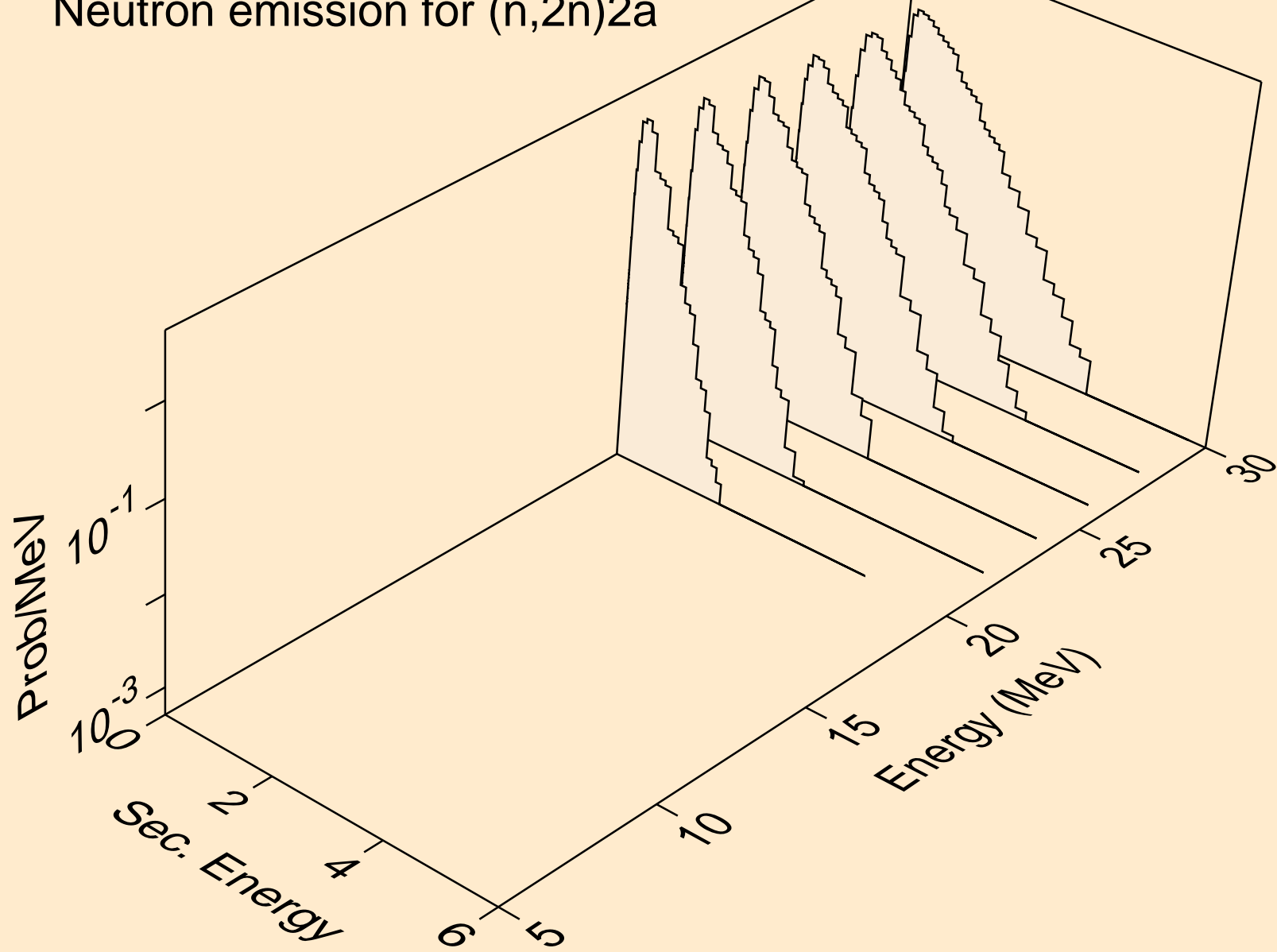


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

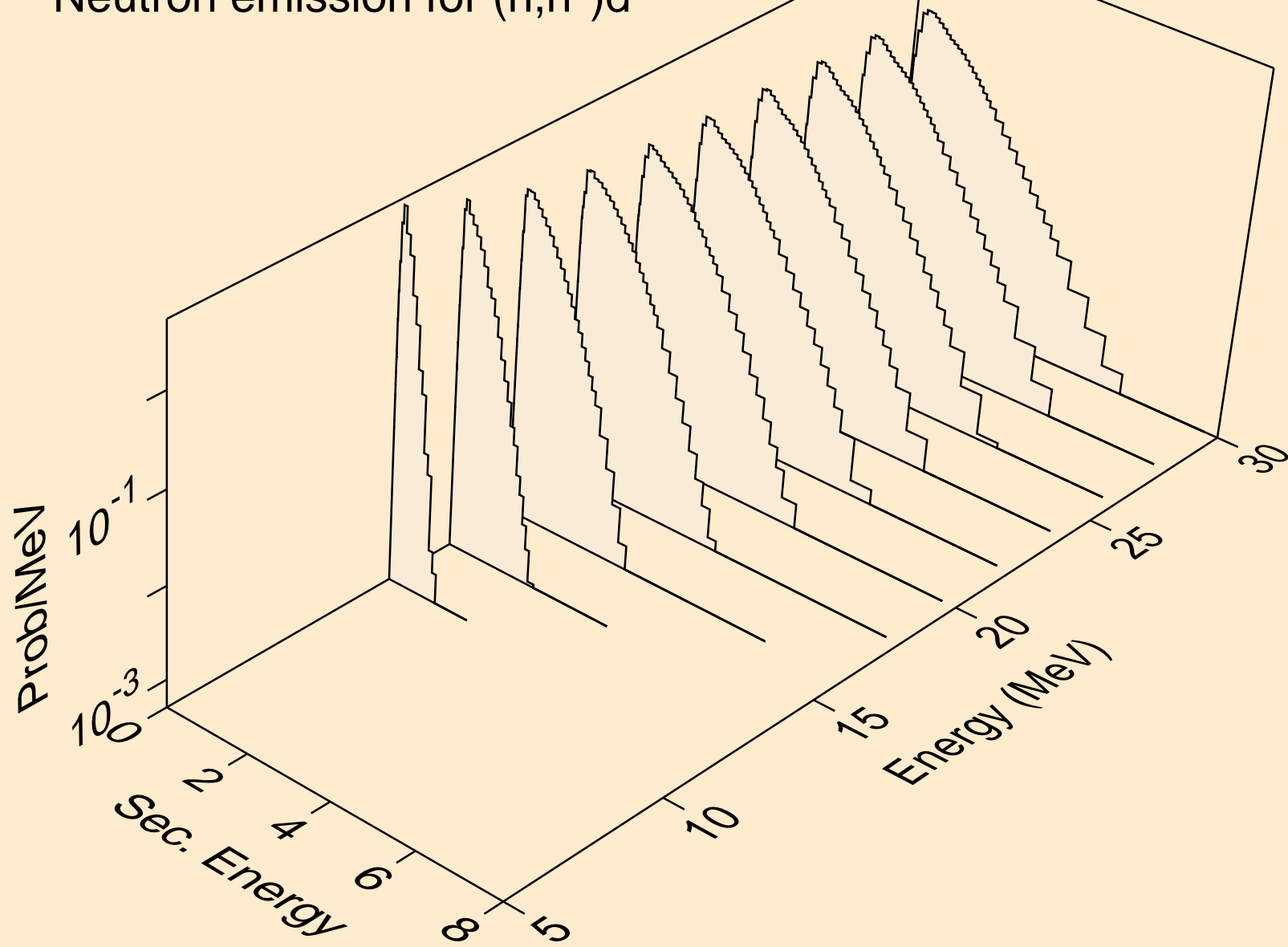




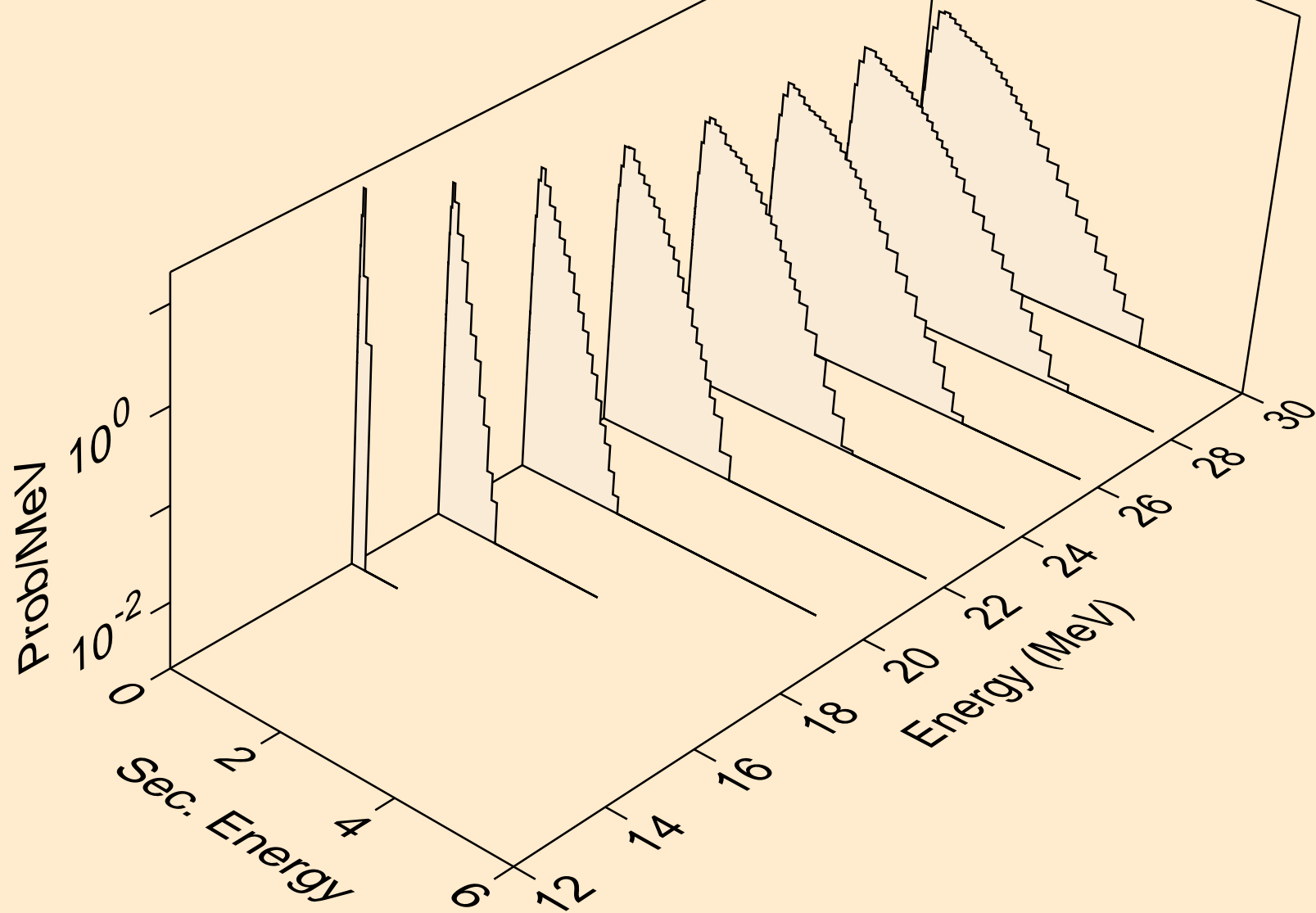
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



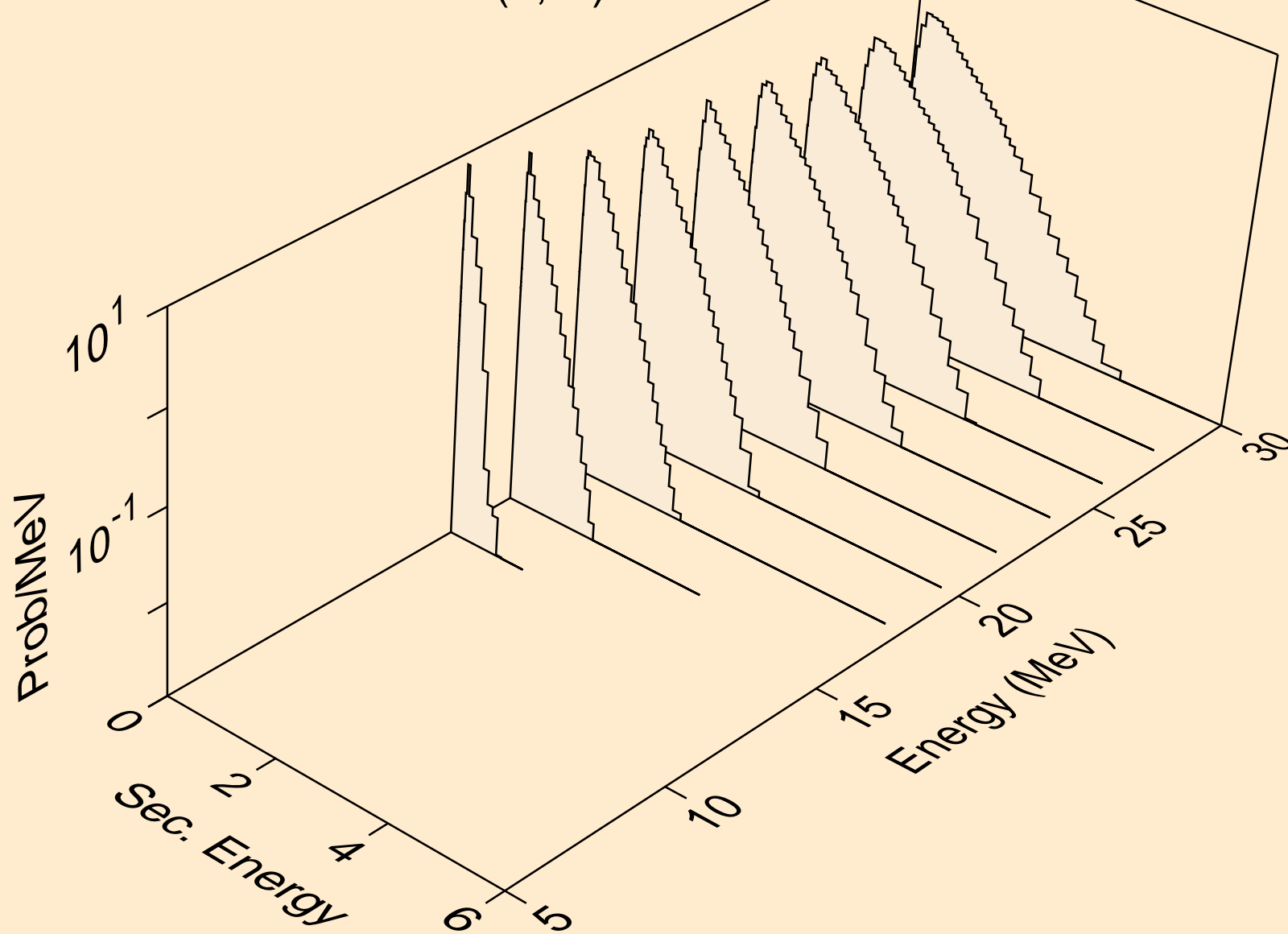
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



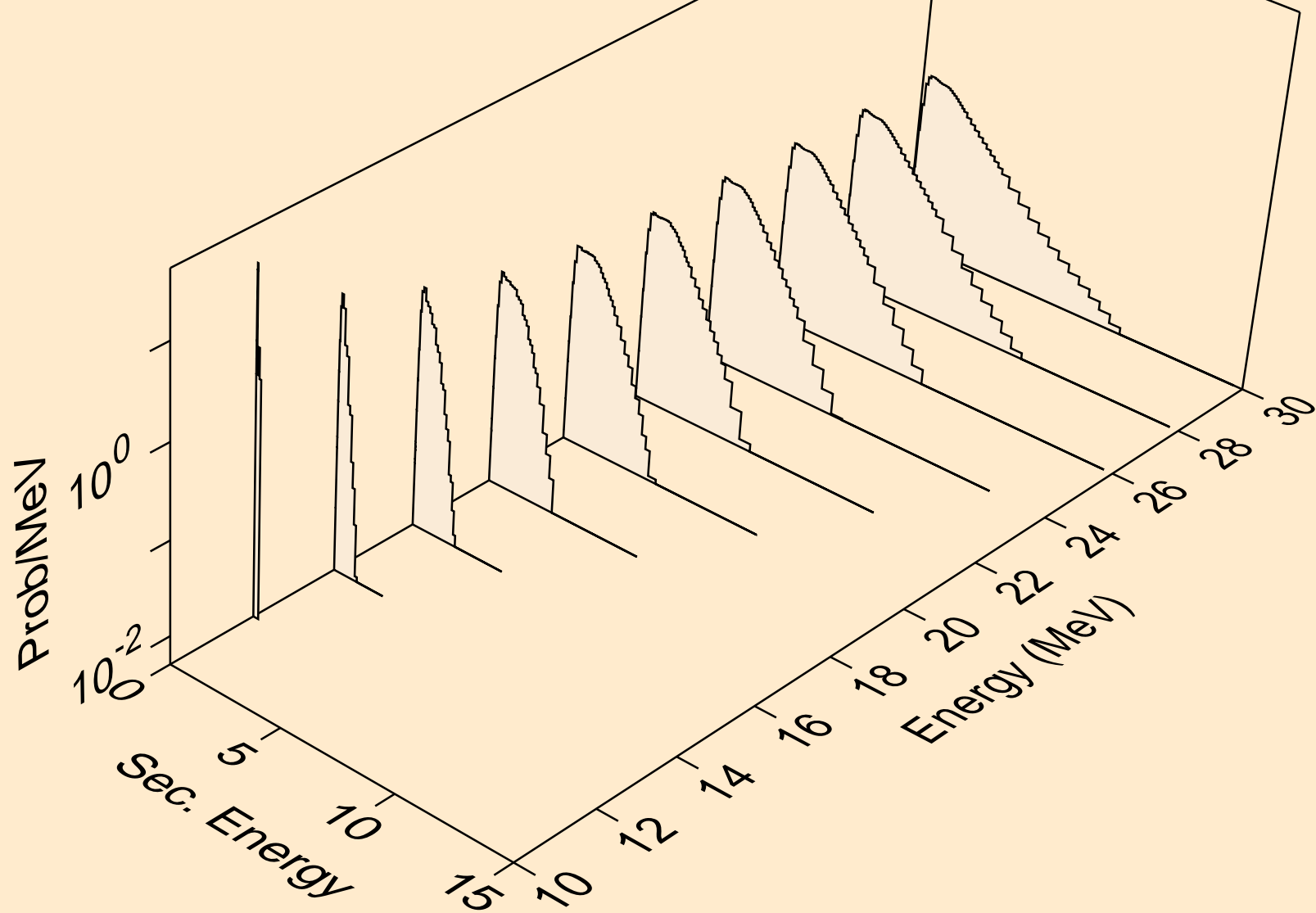
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



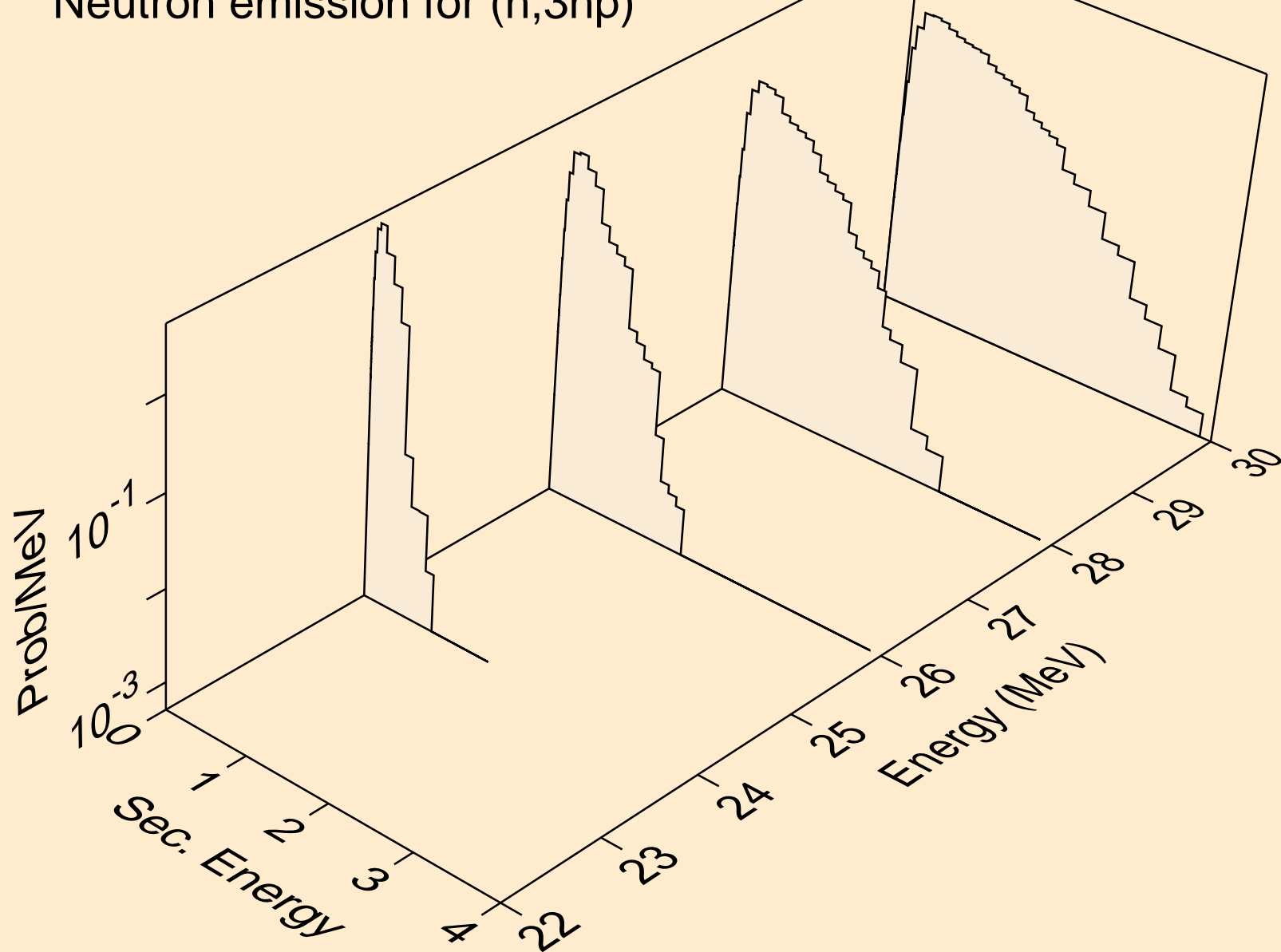
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



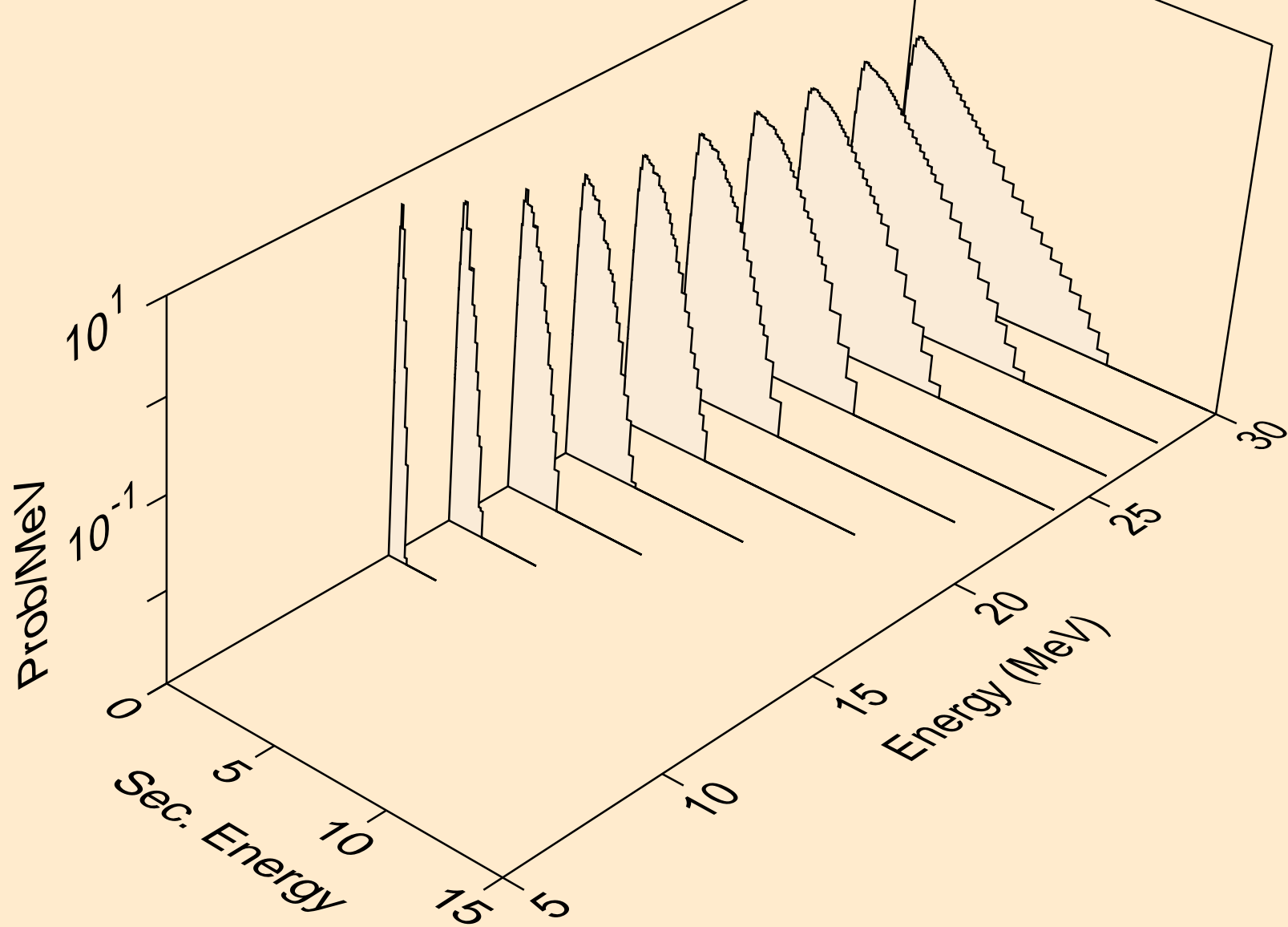
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



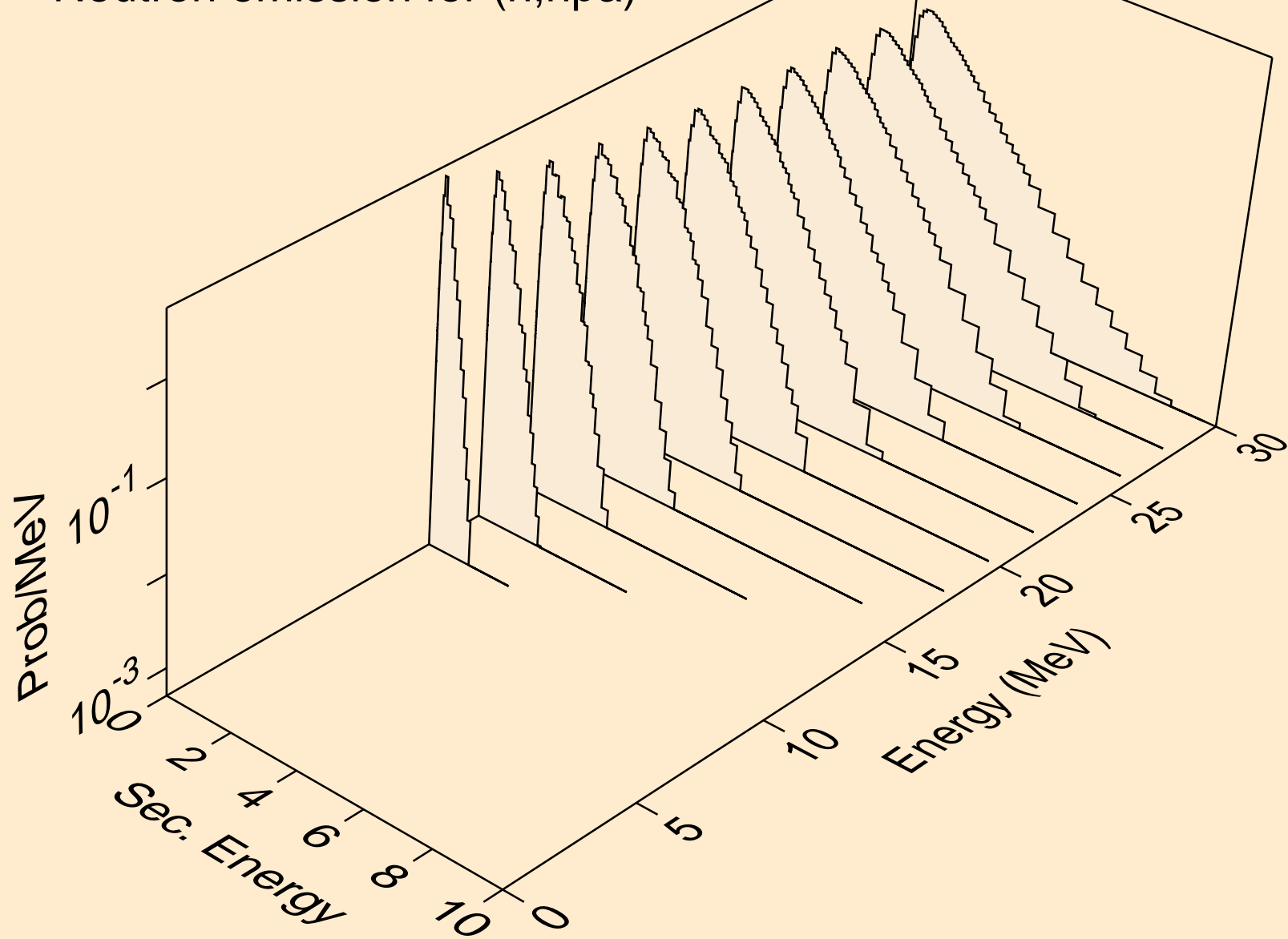
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

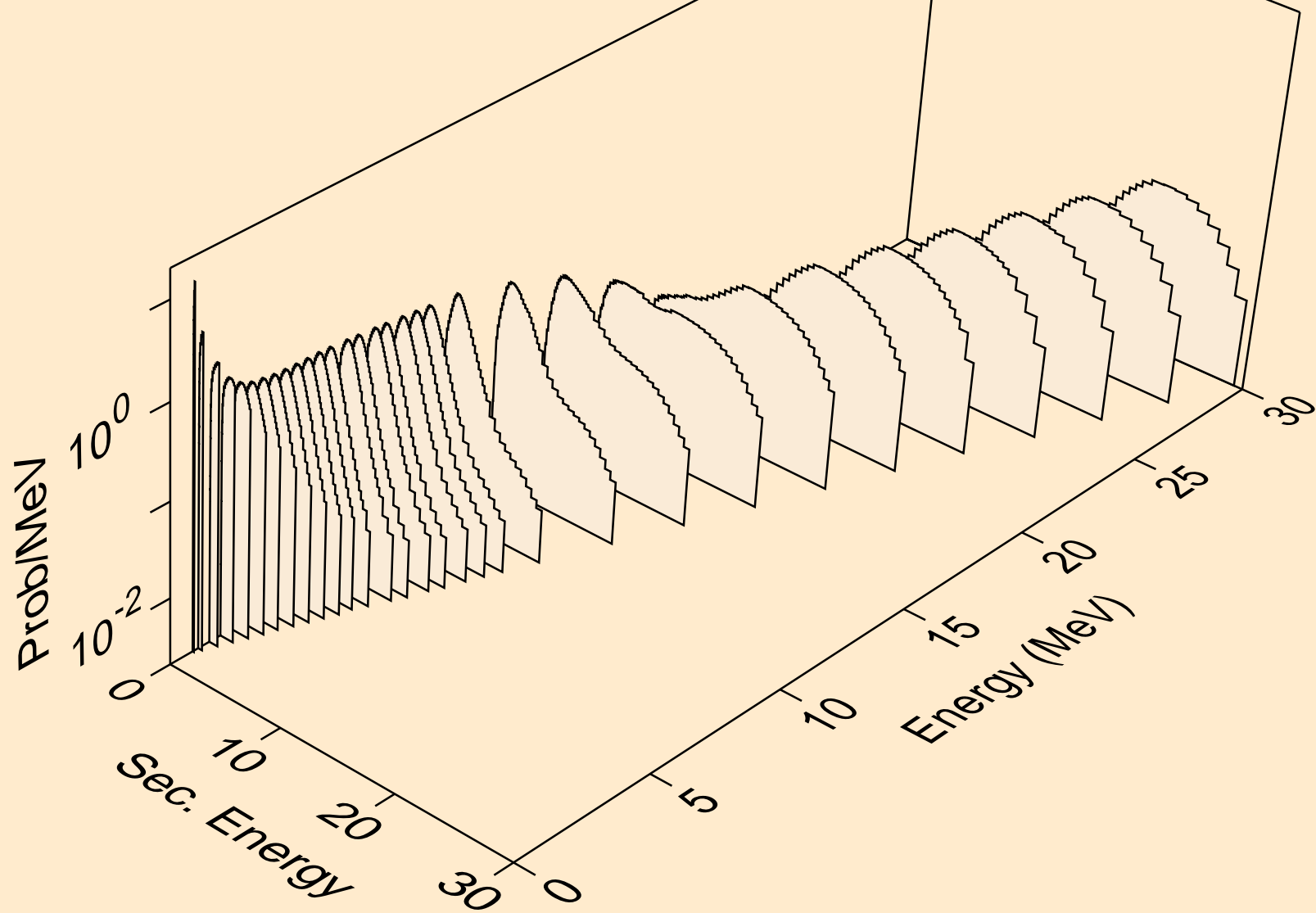


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

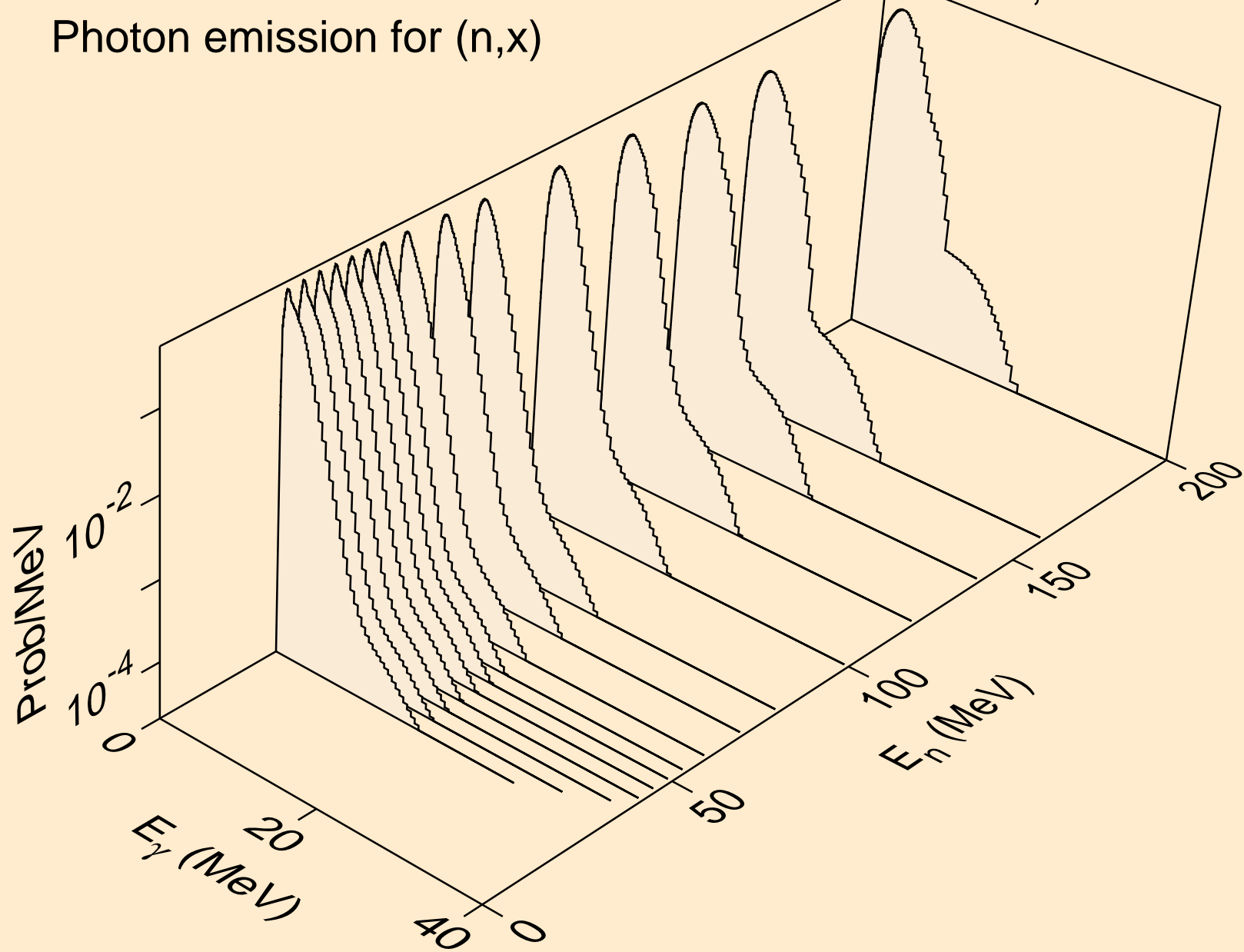




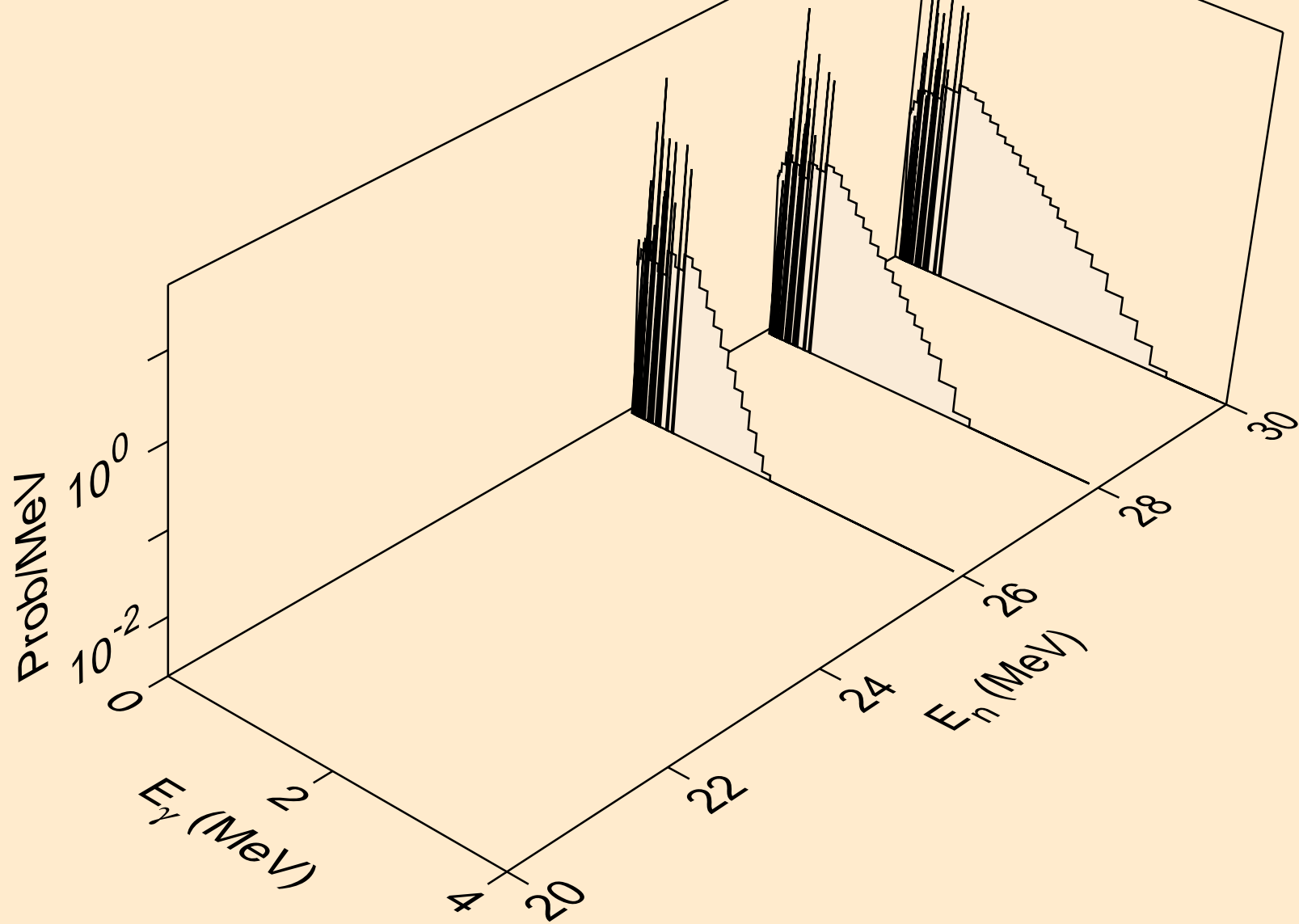
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



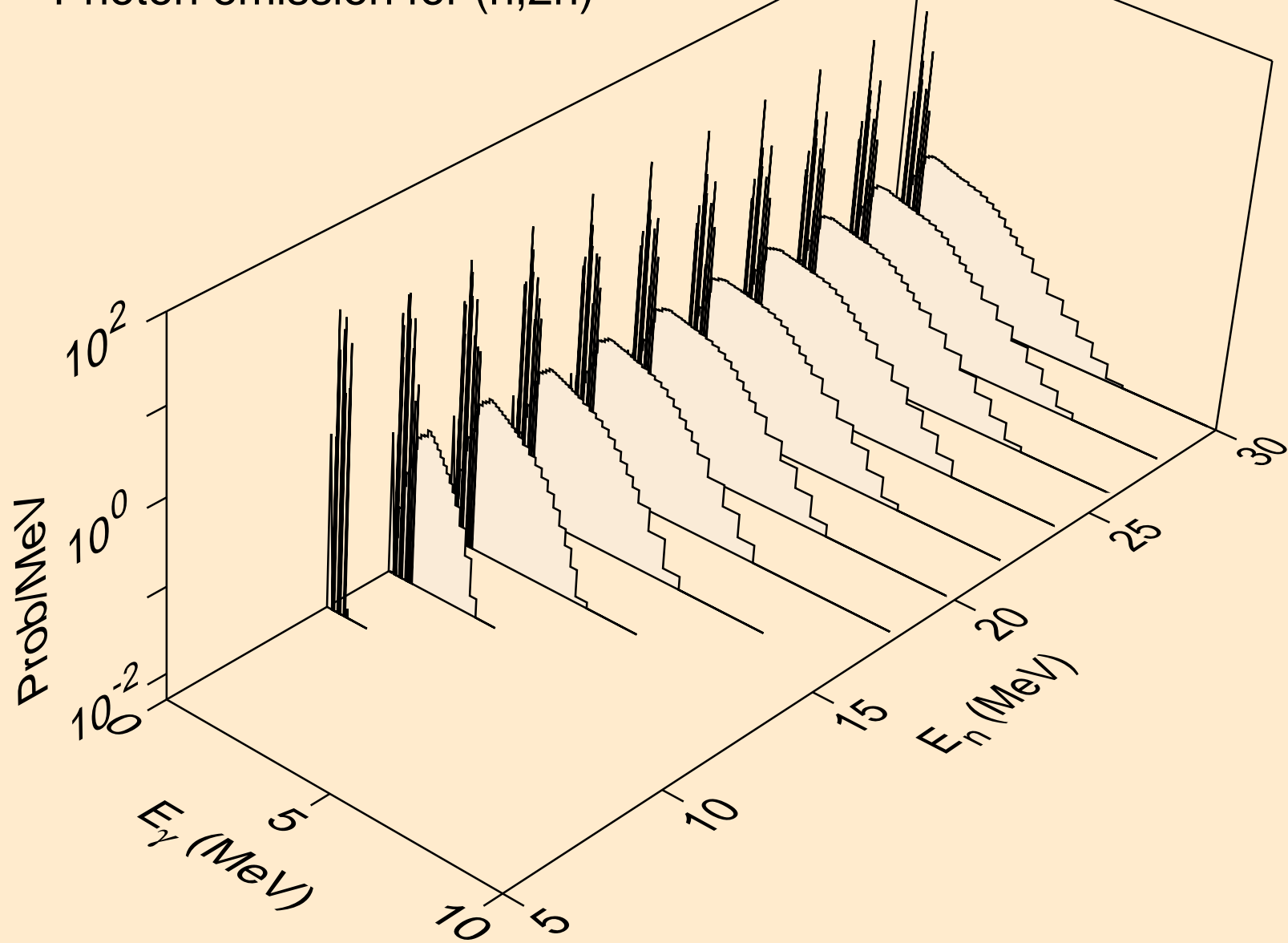
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



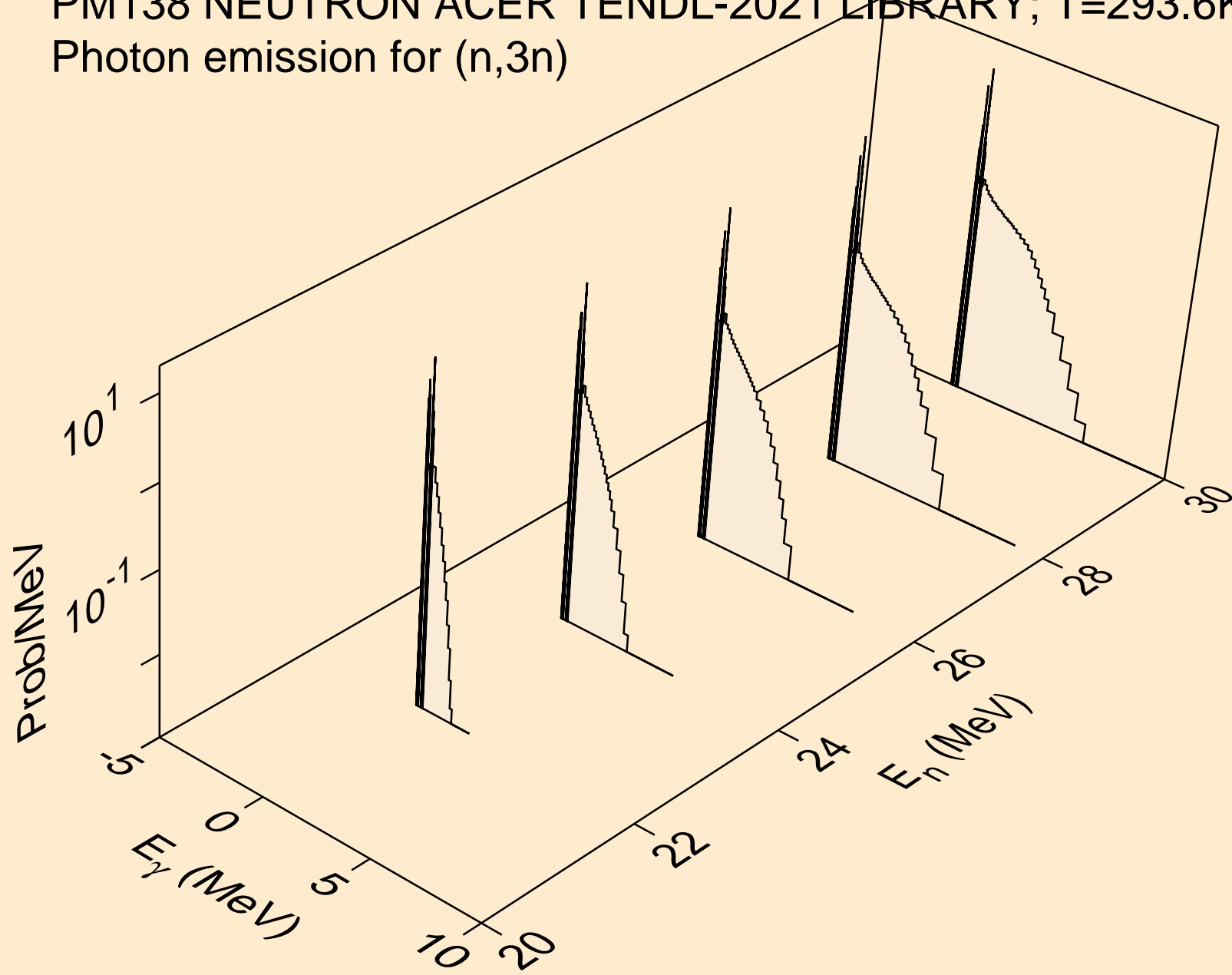
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



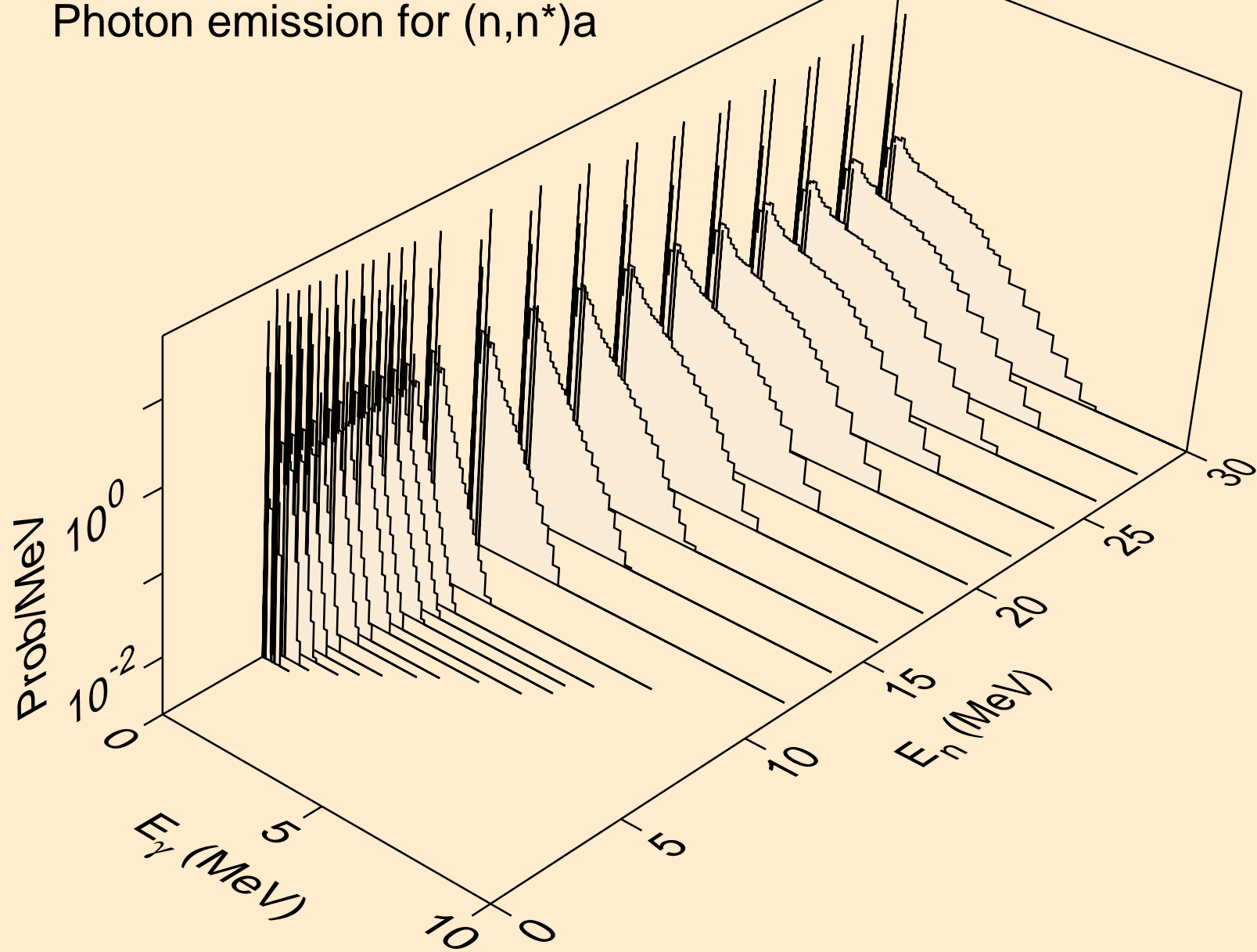
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



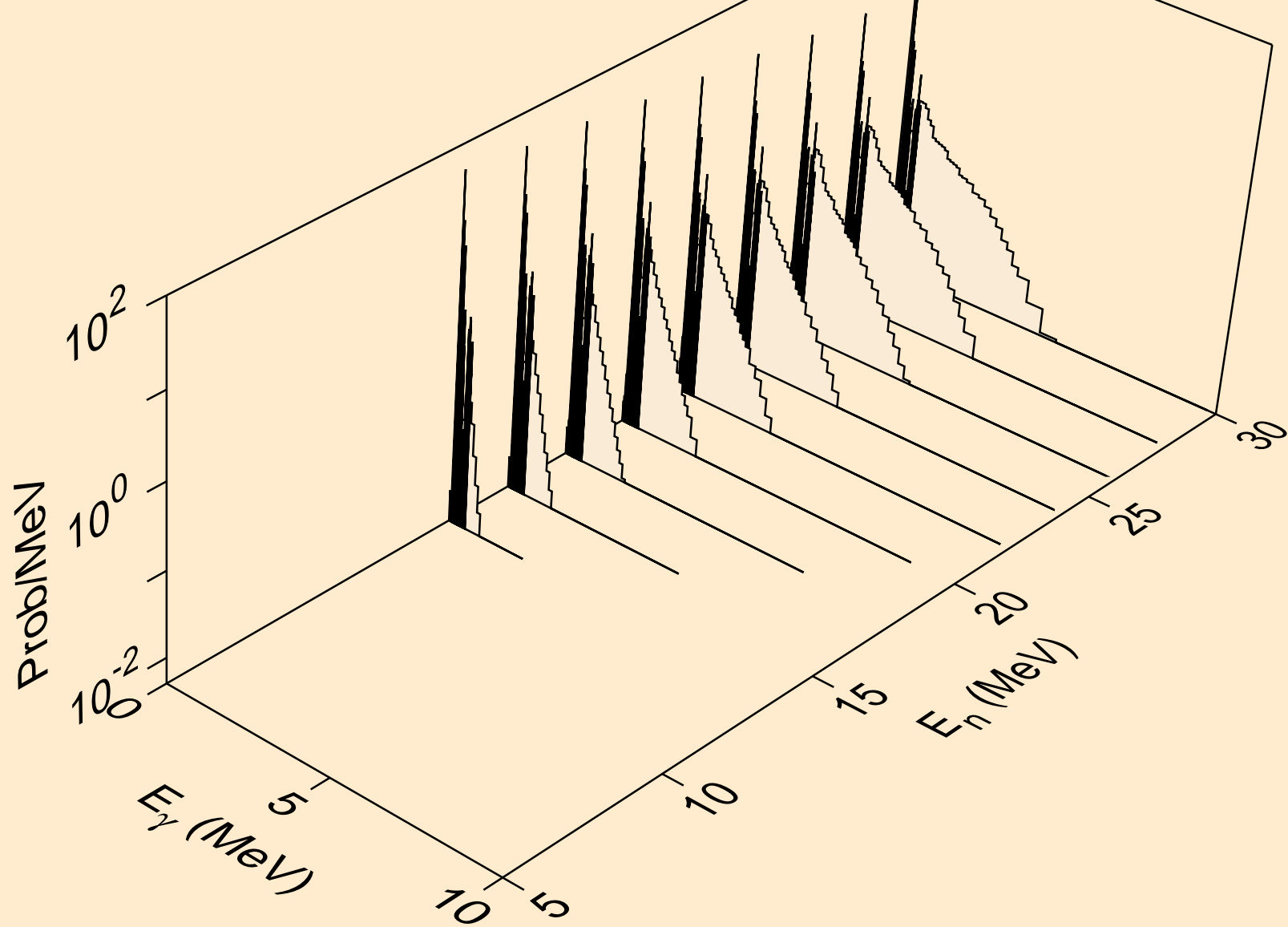
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



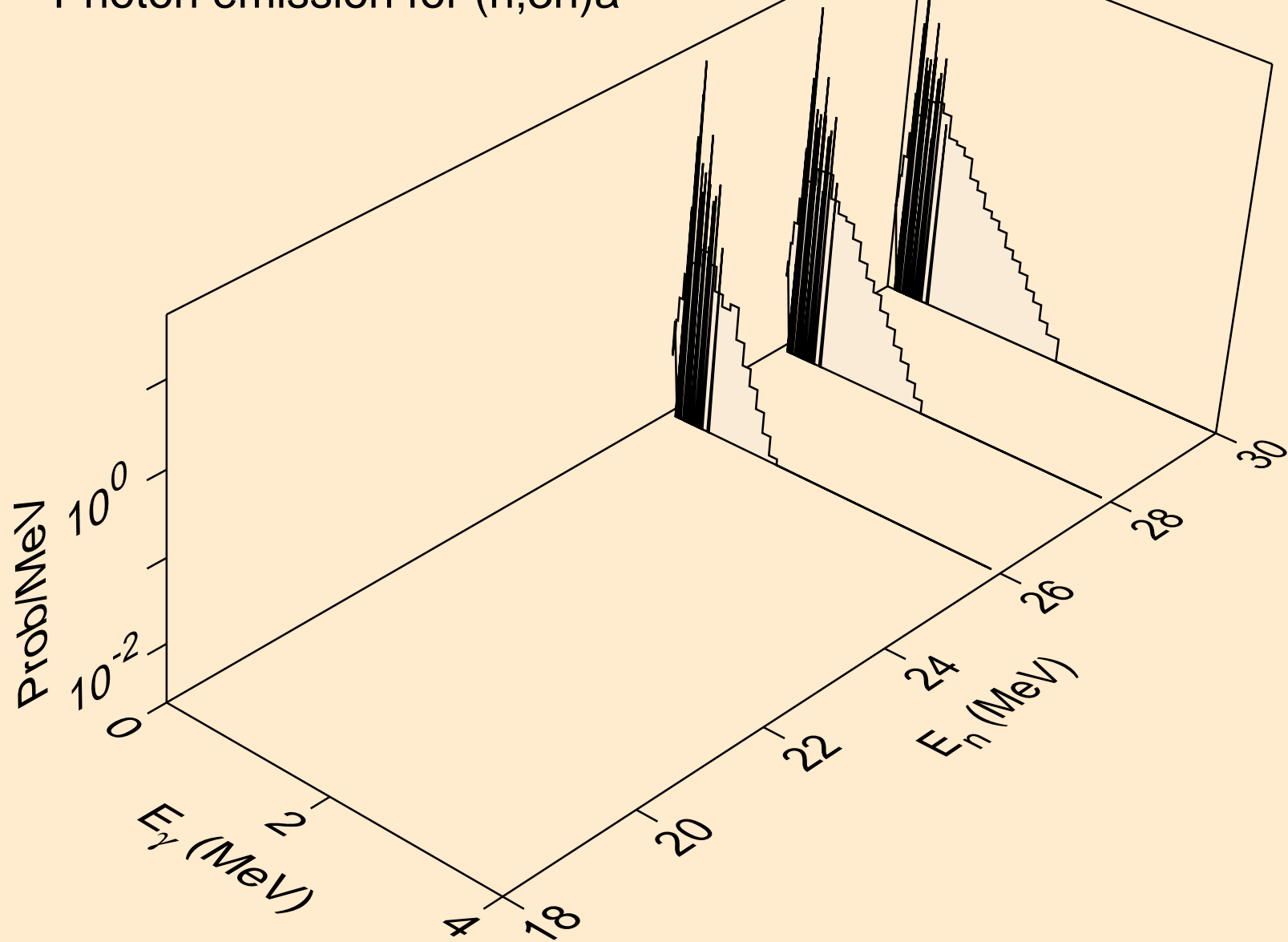
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

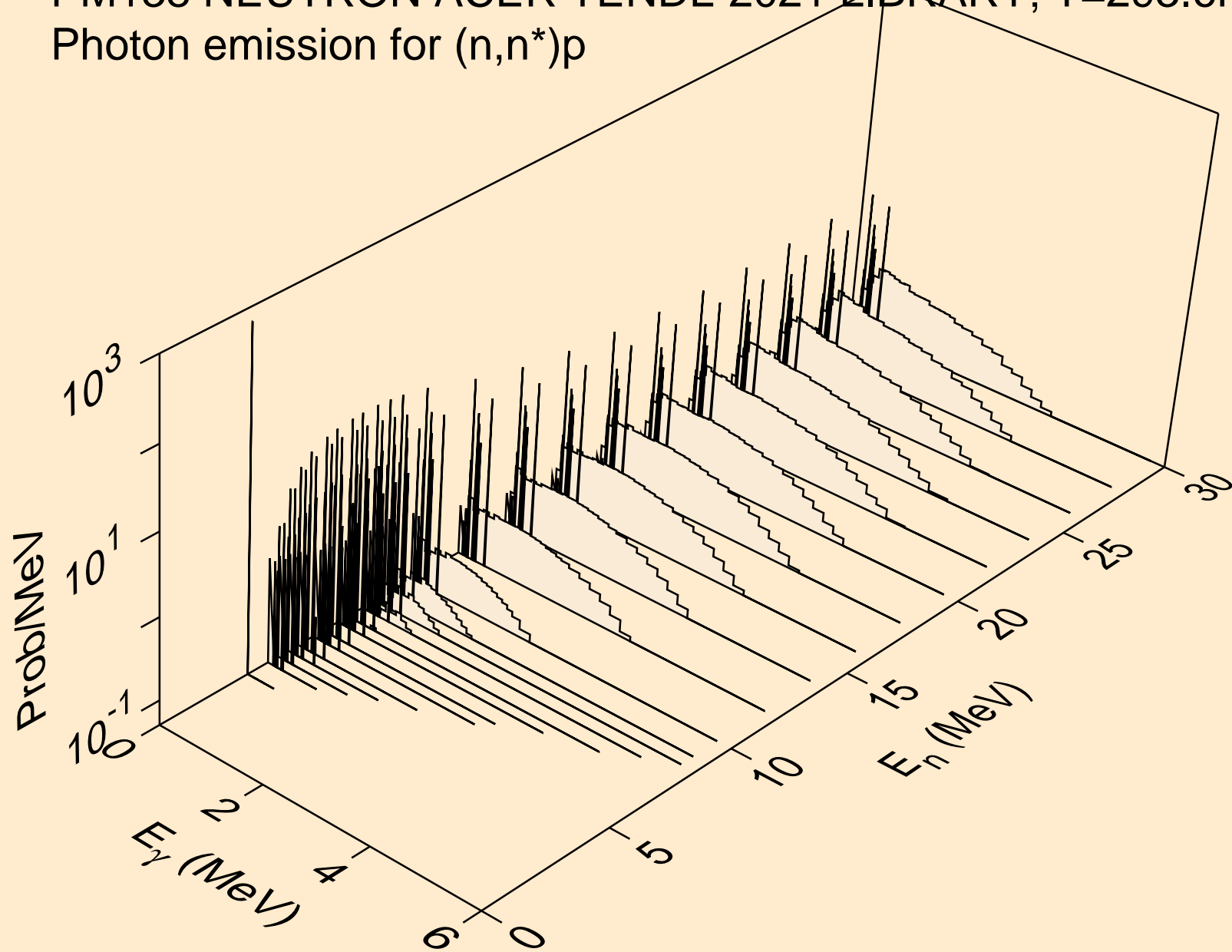


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

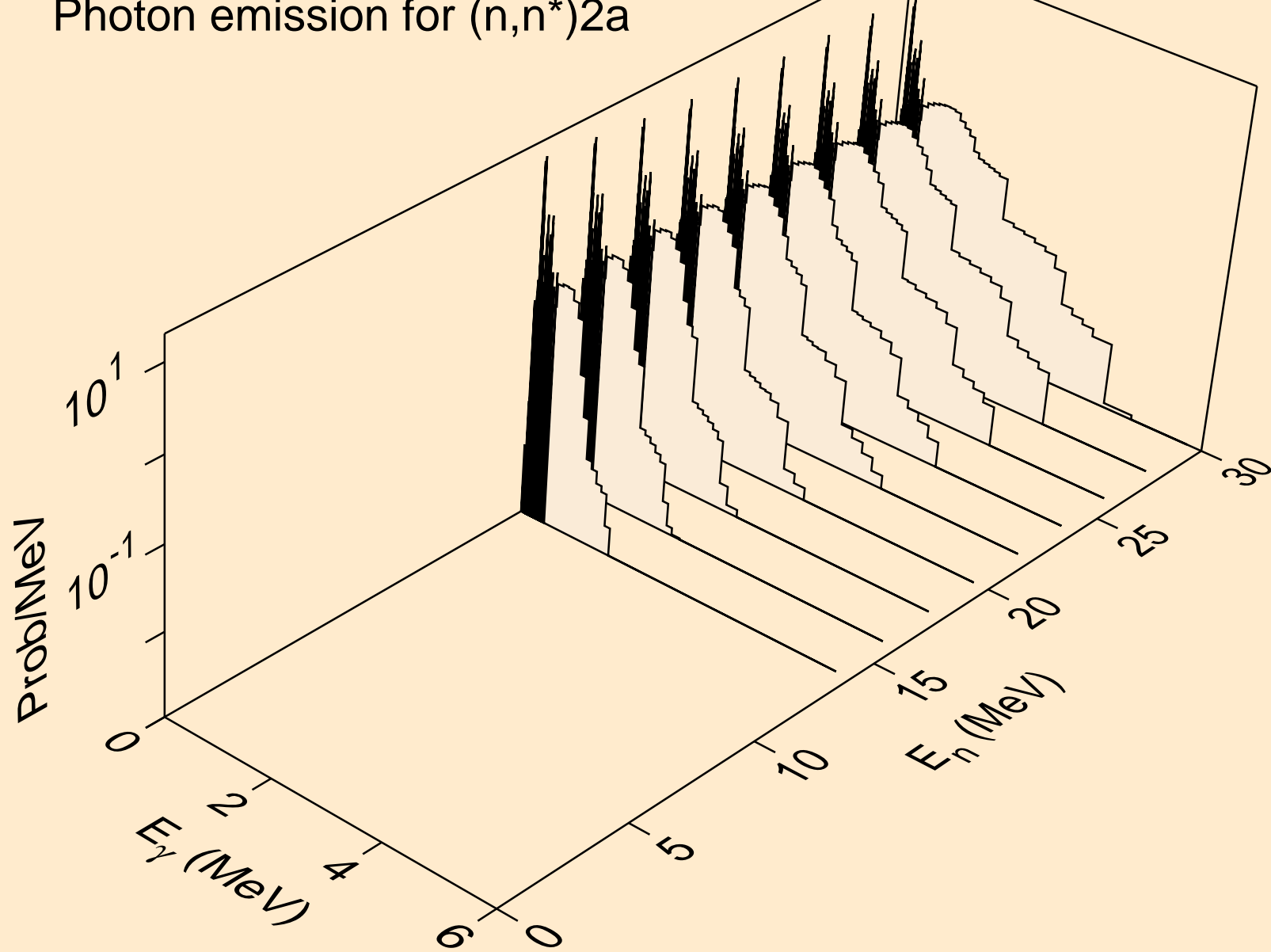




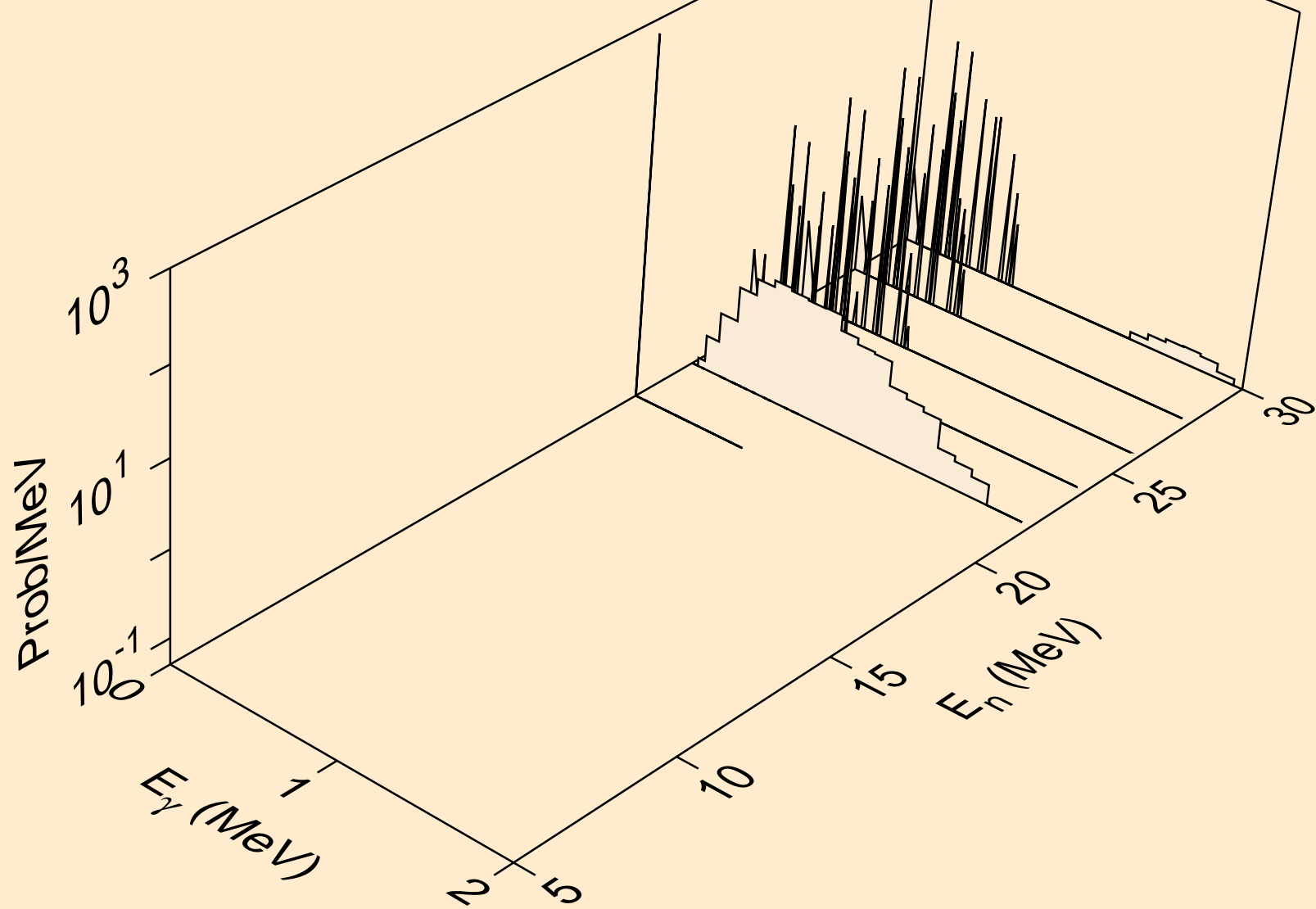
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



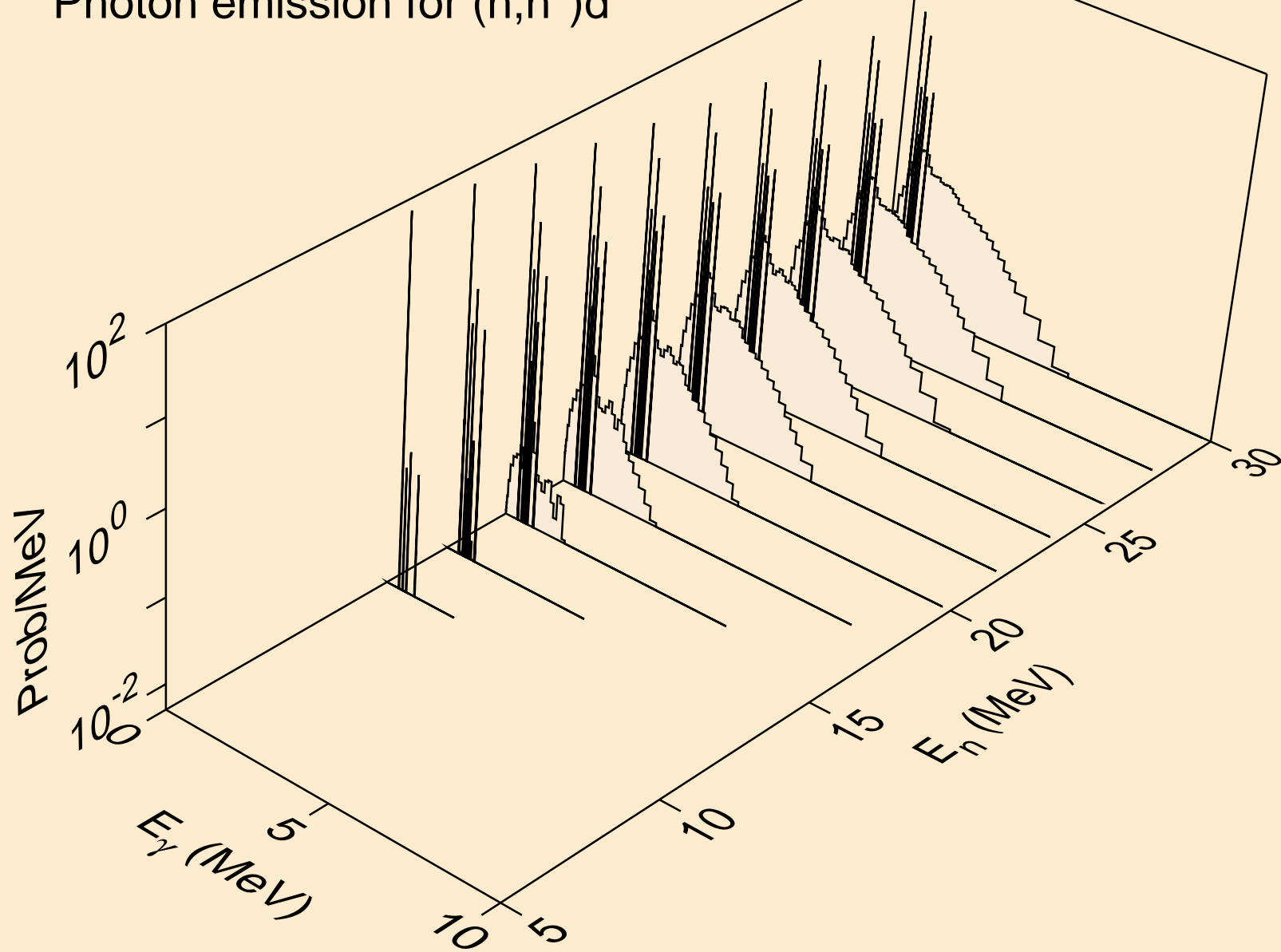
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



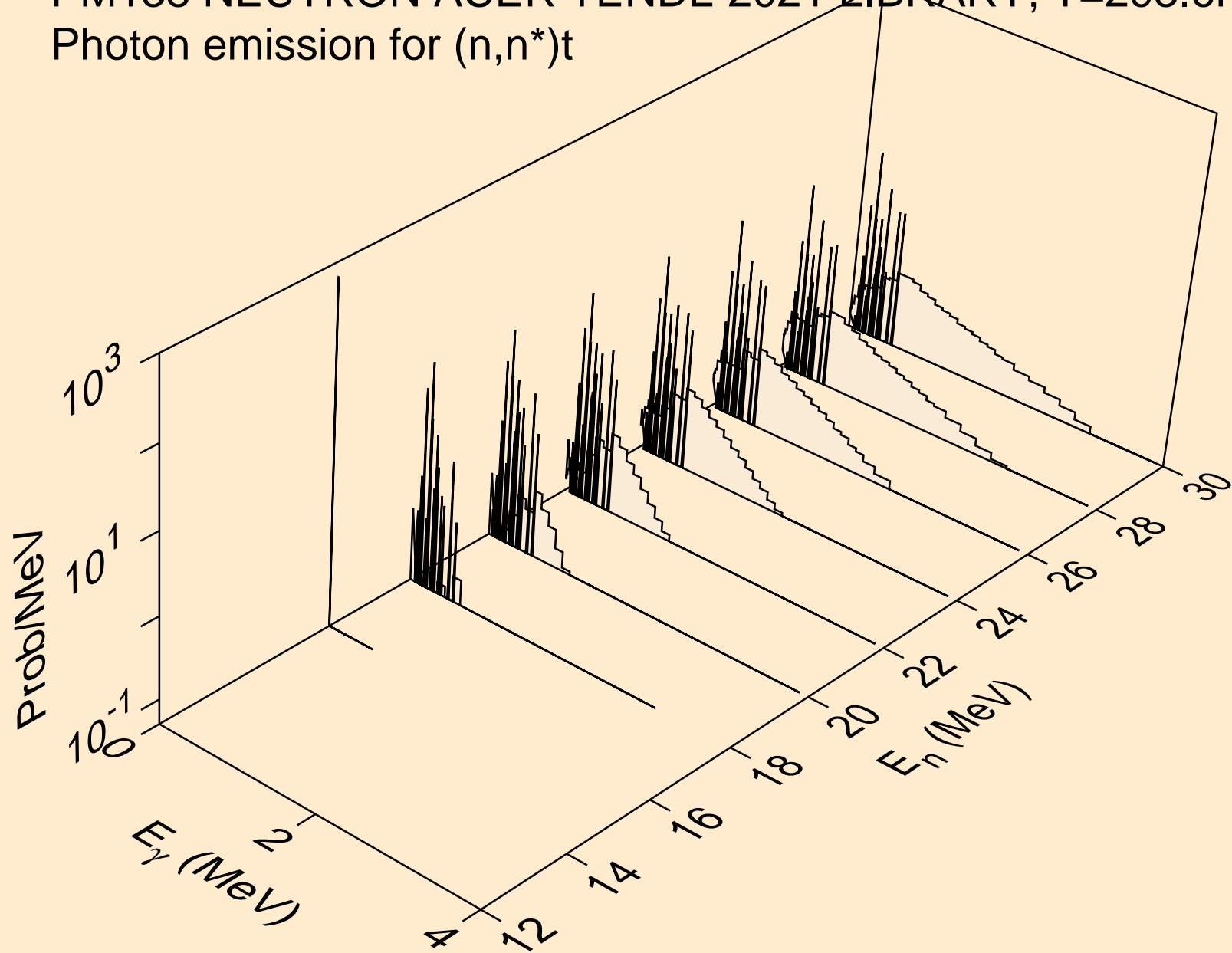
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



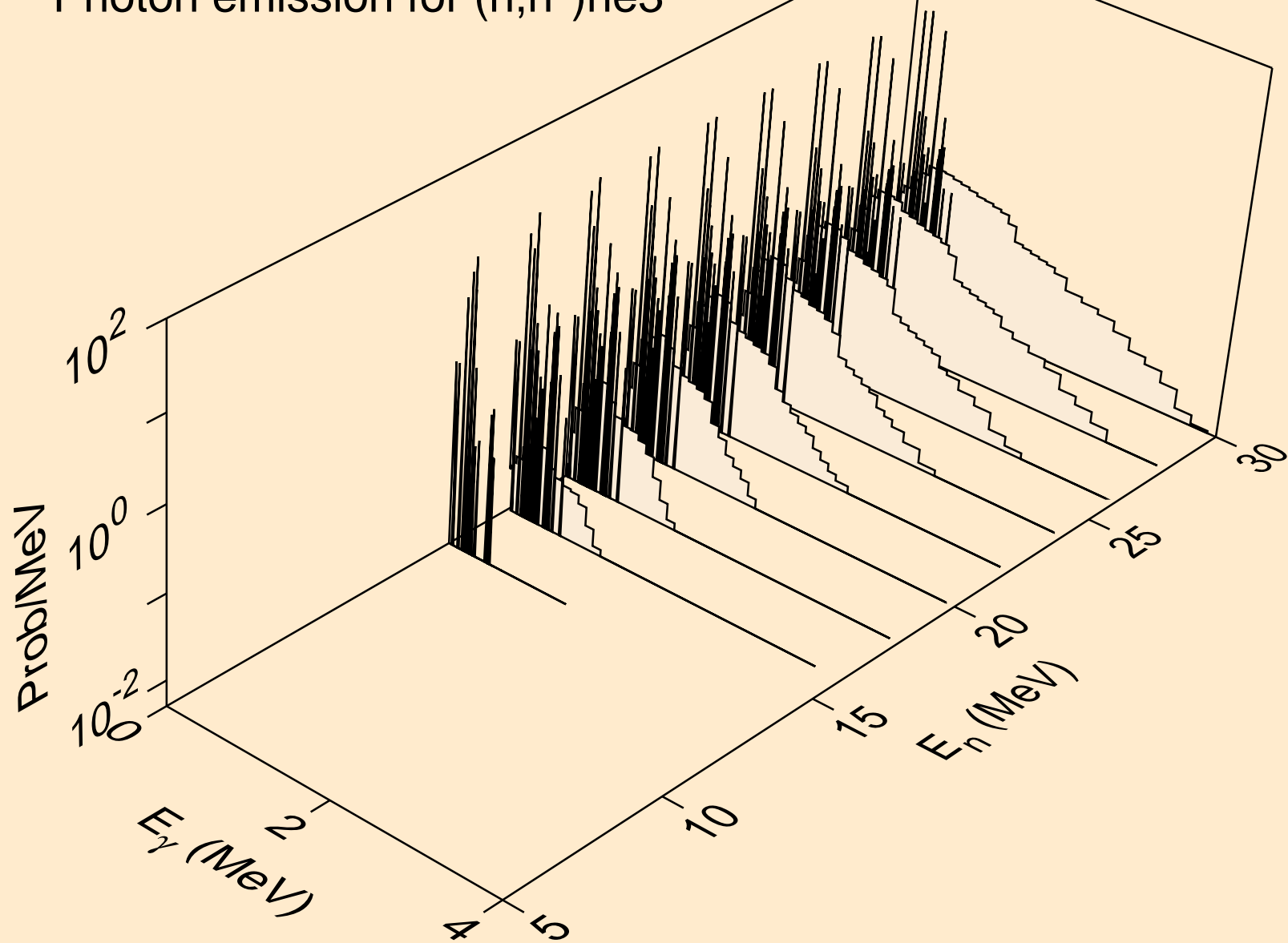
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



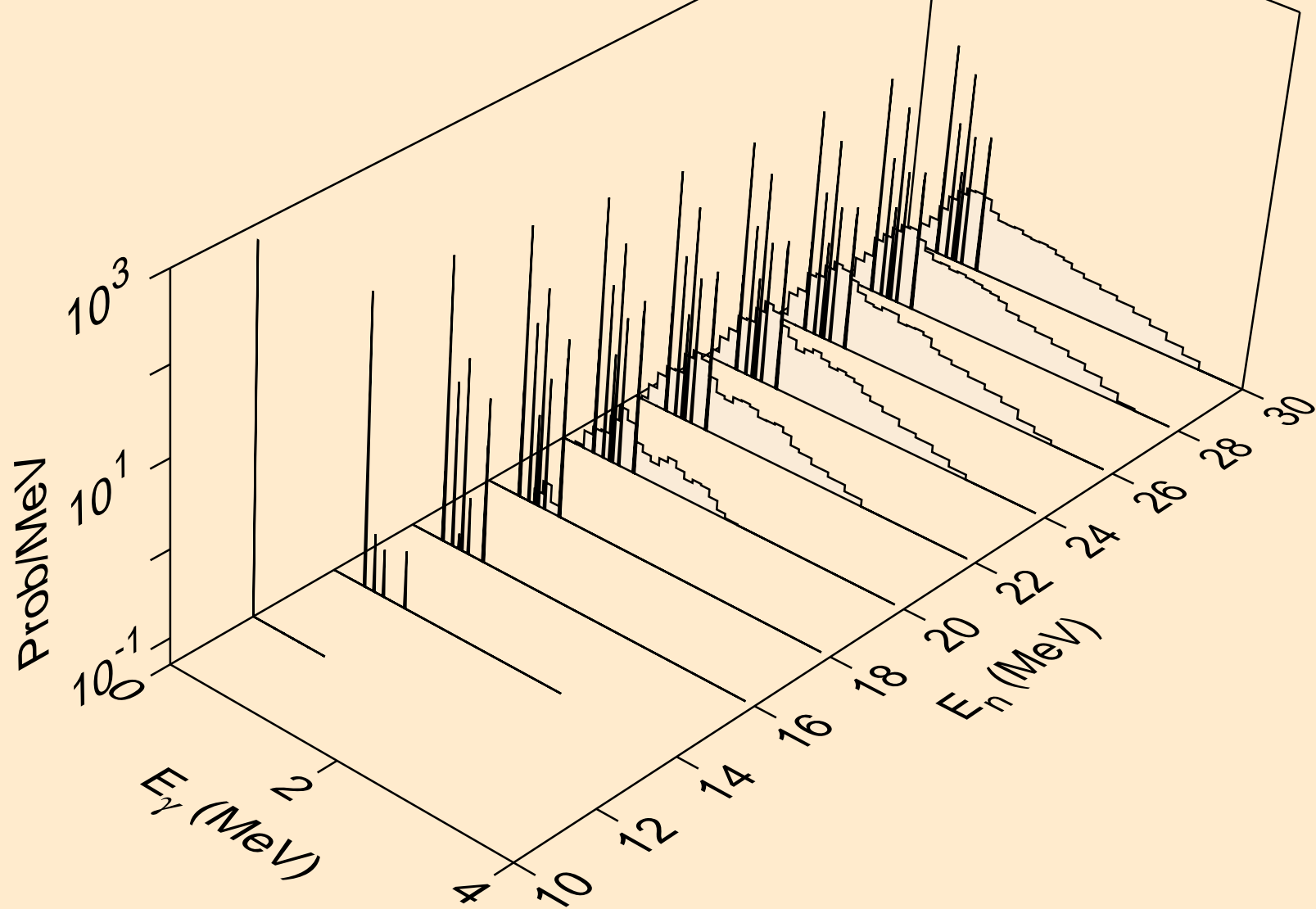
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



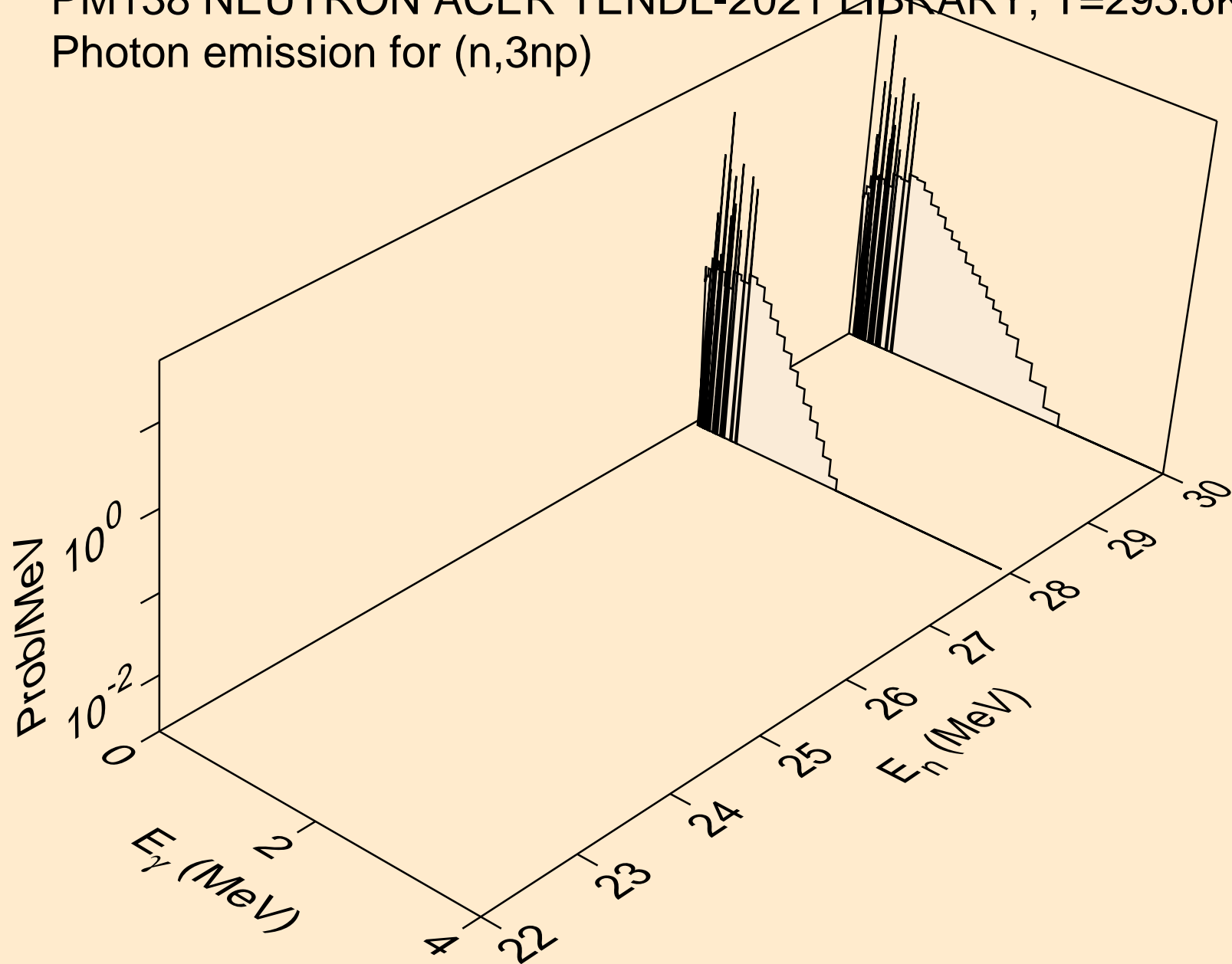
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

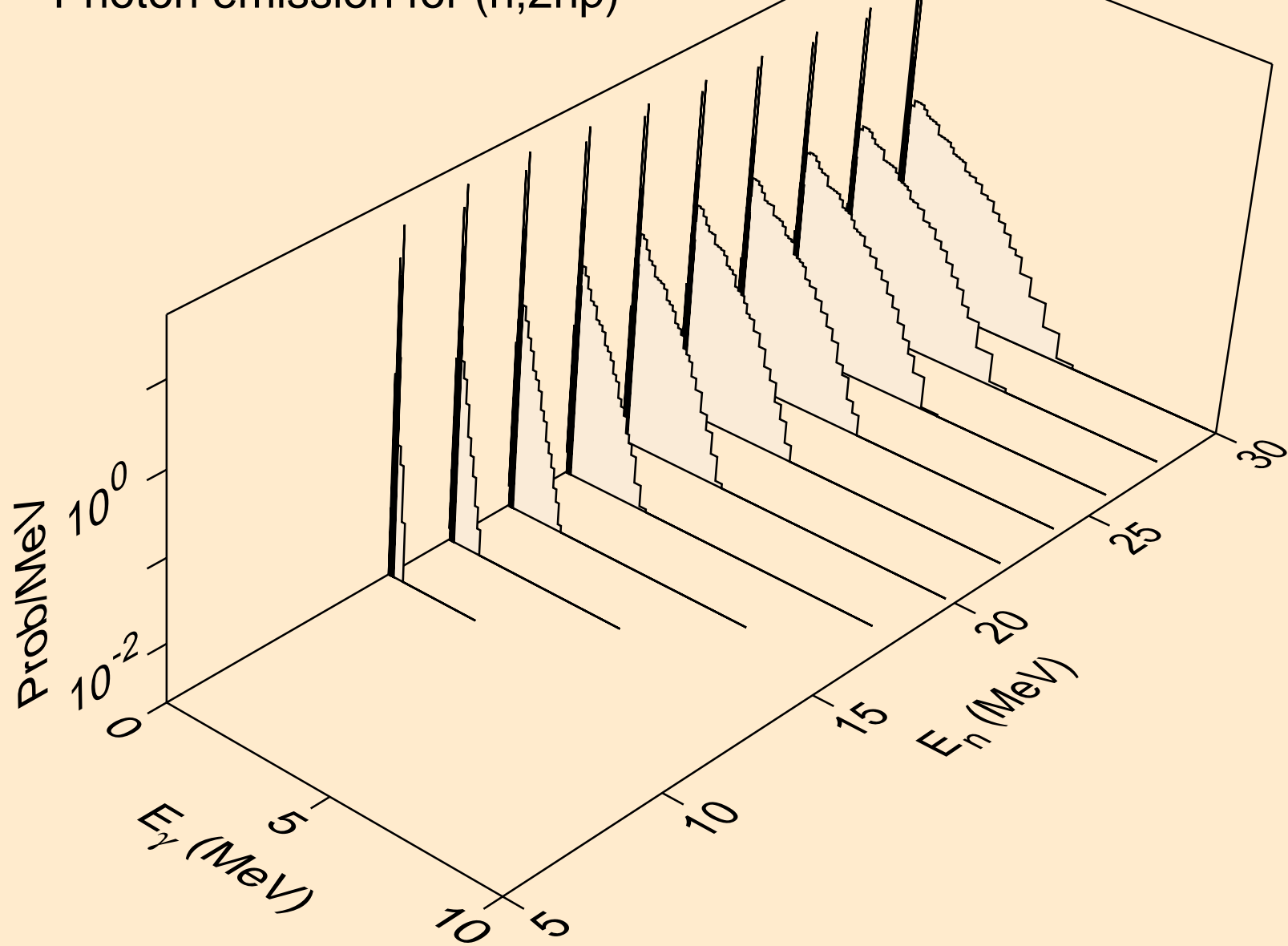


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

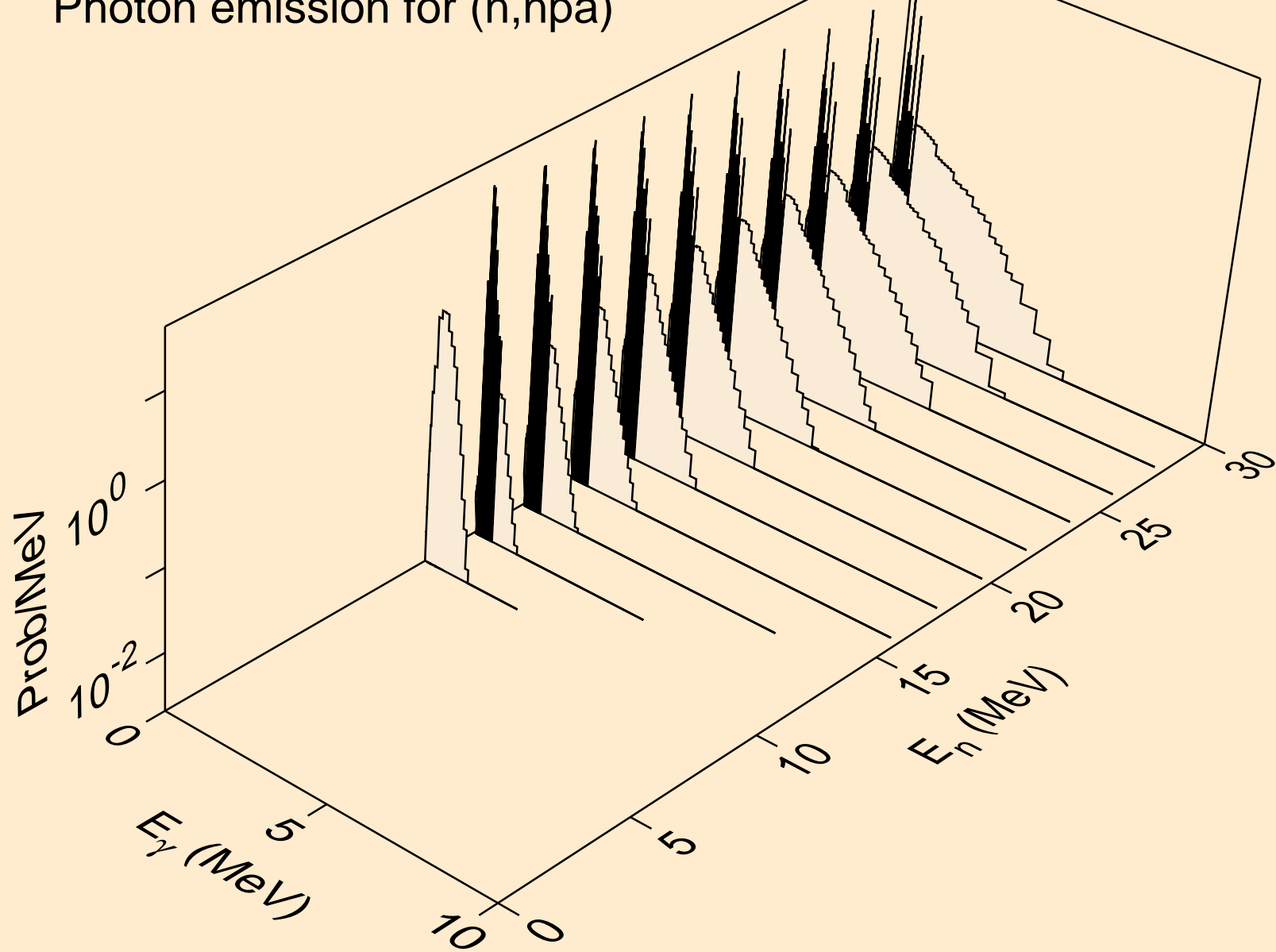




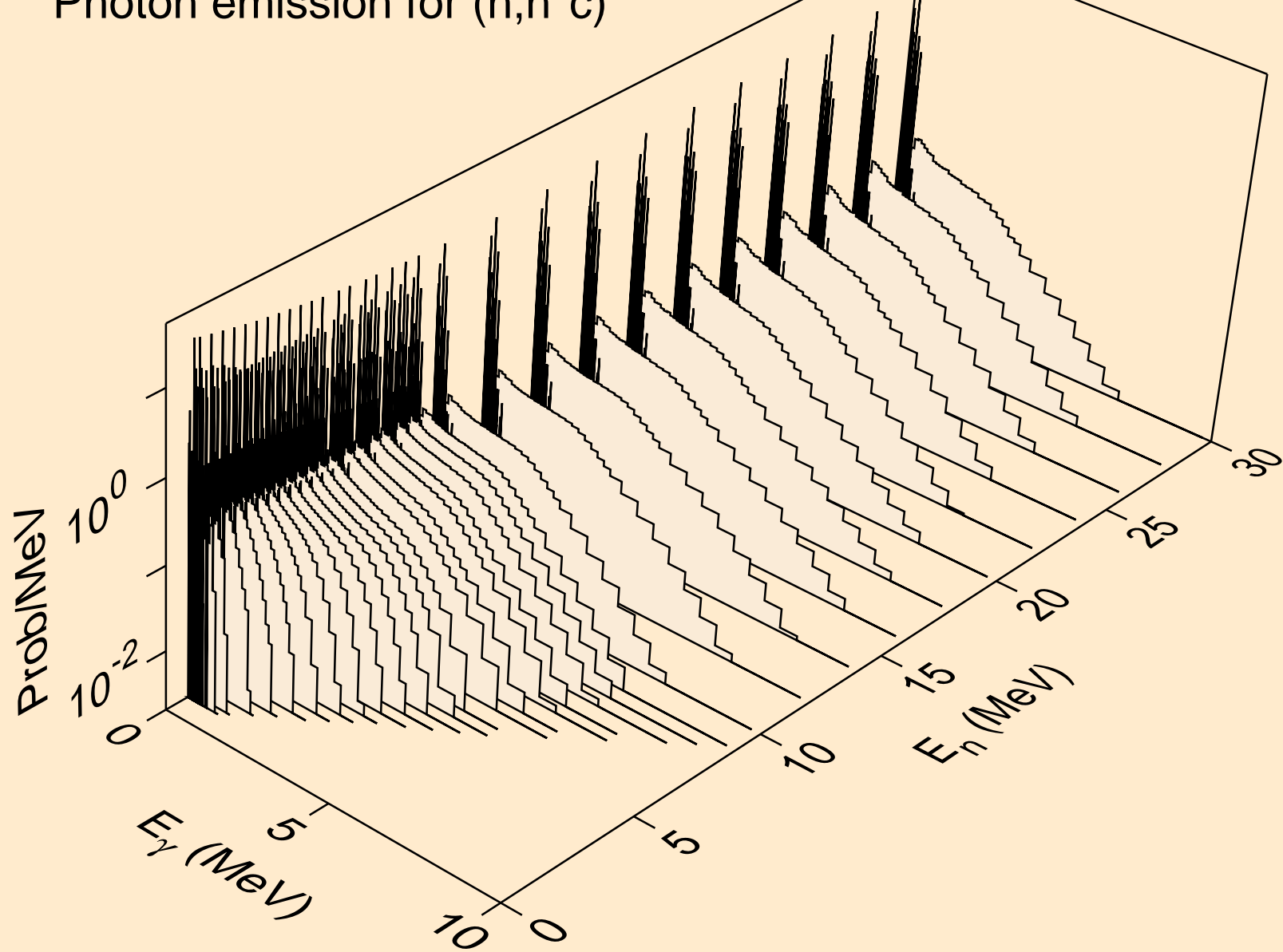
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Photon emission for (n,2np)



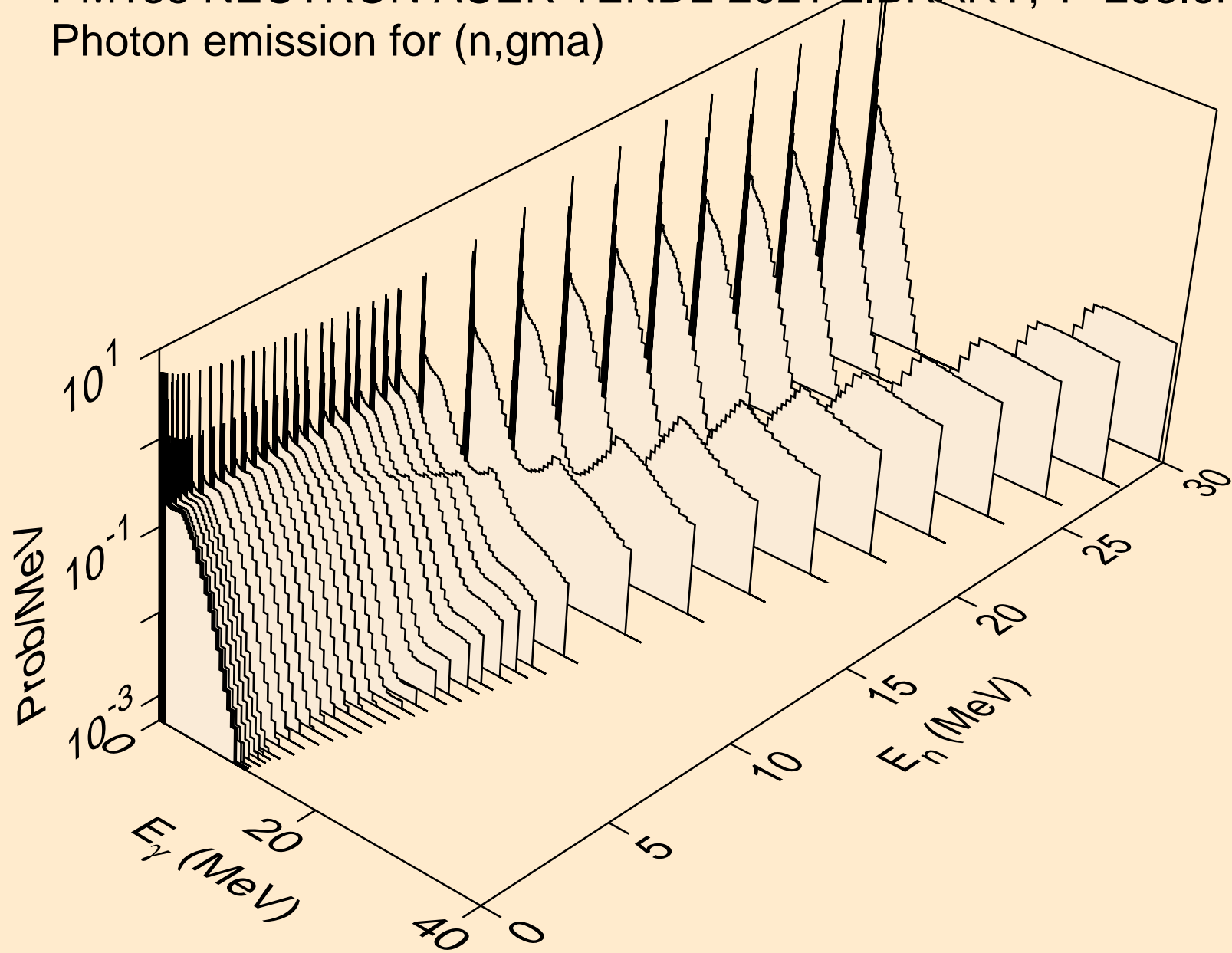
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



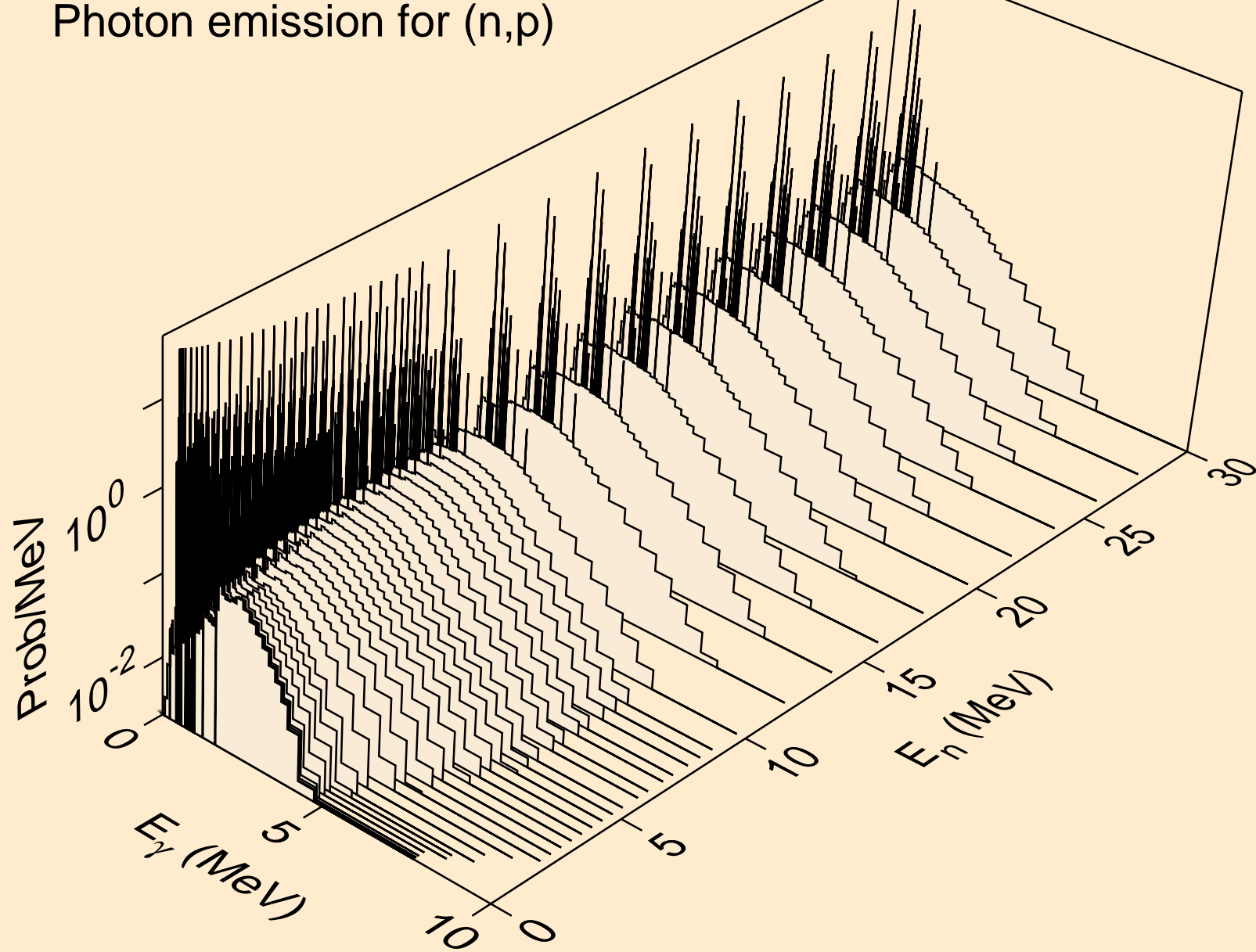
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



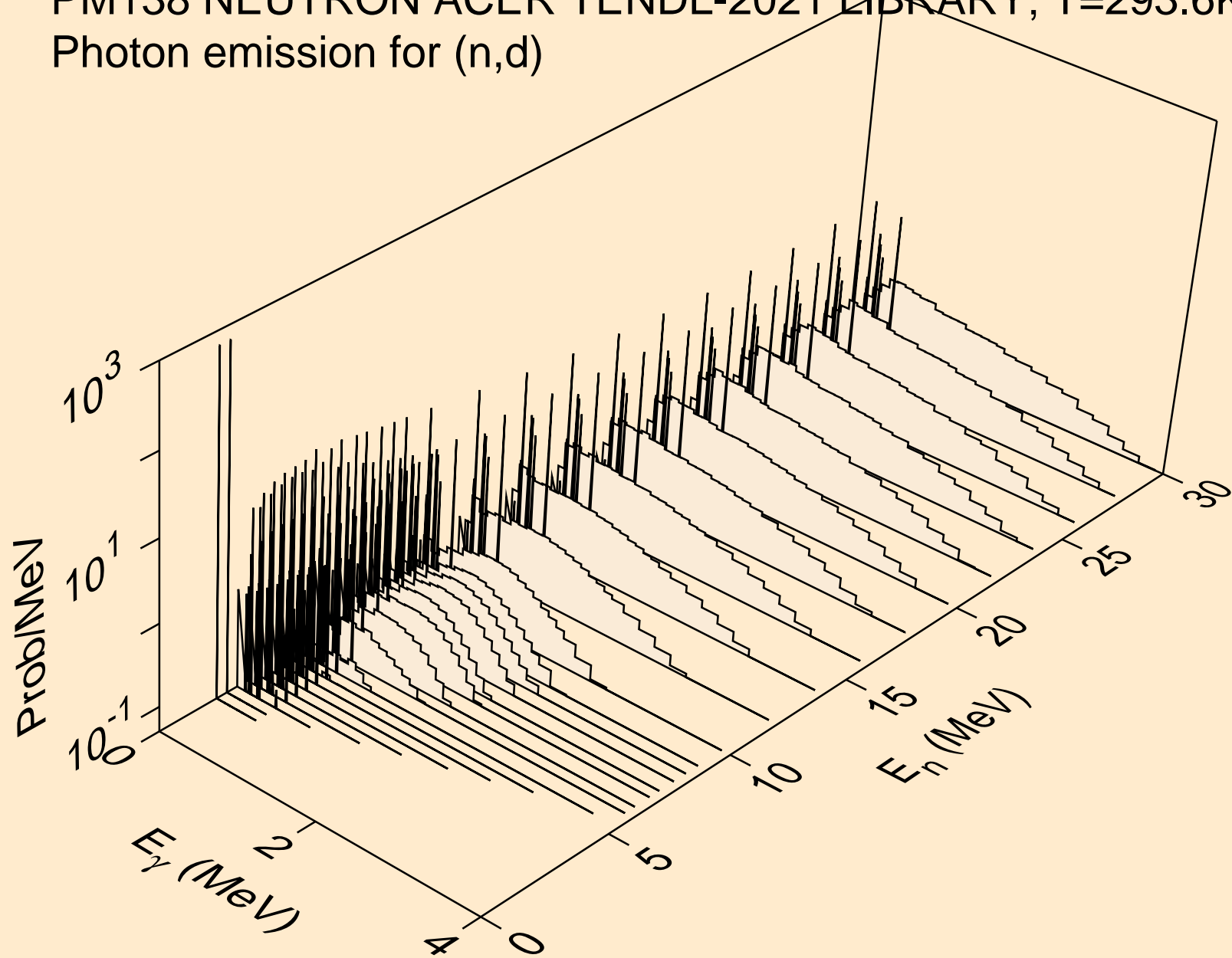
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



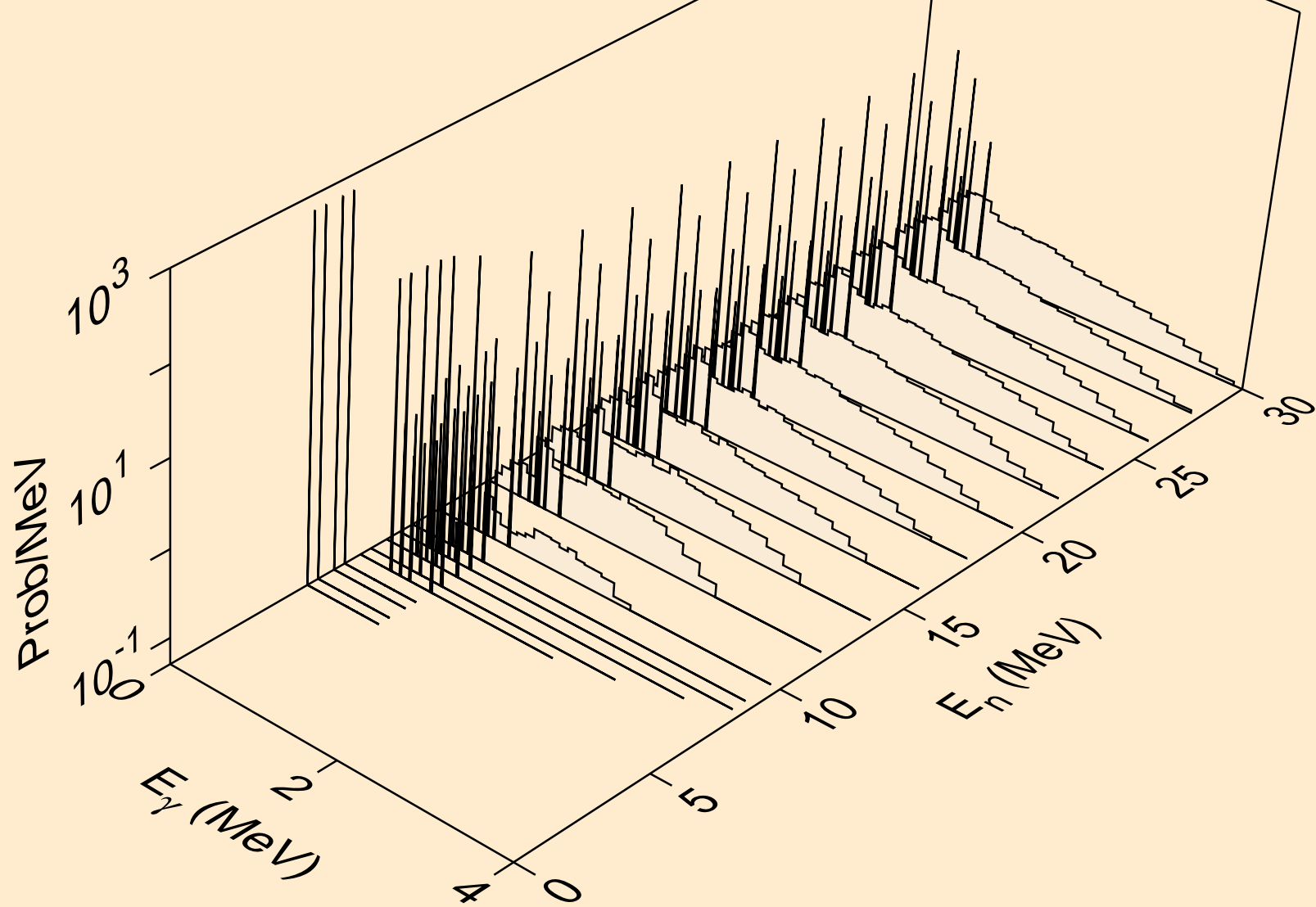
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



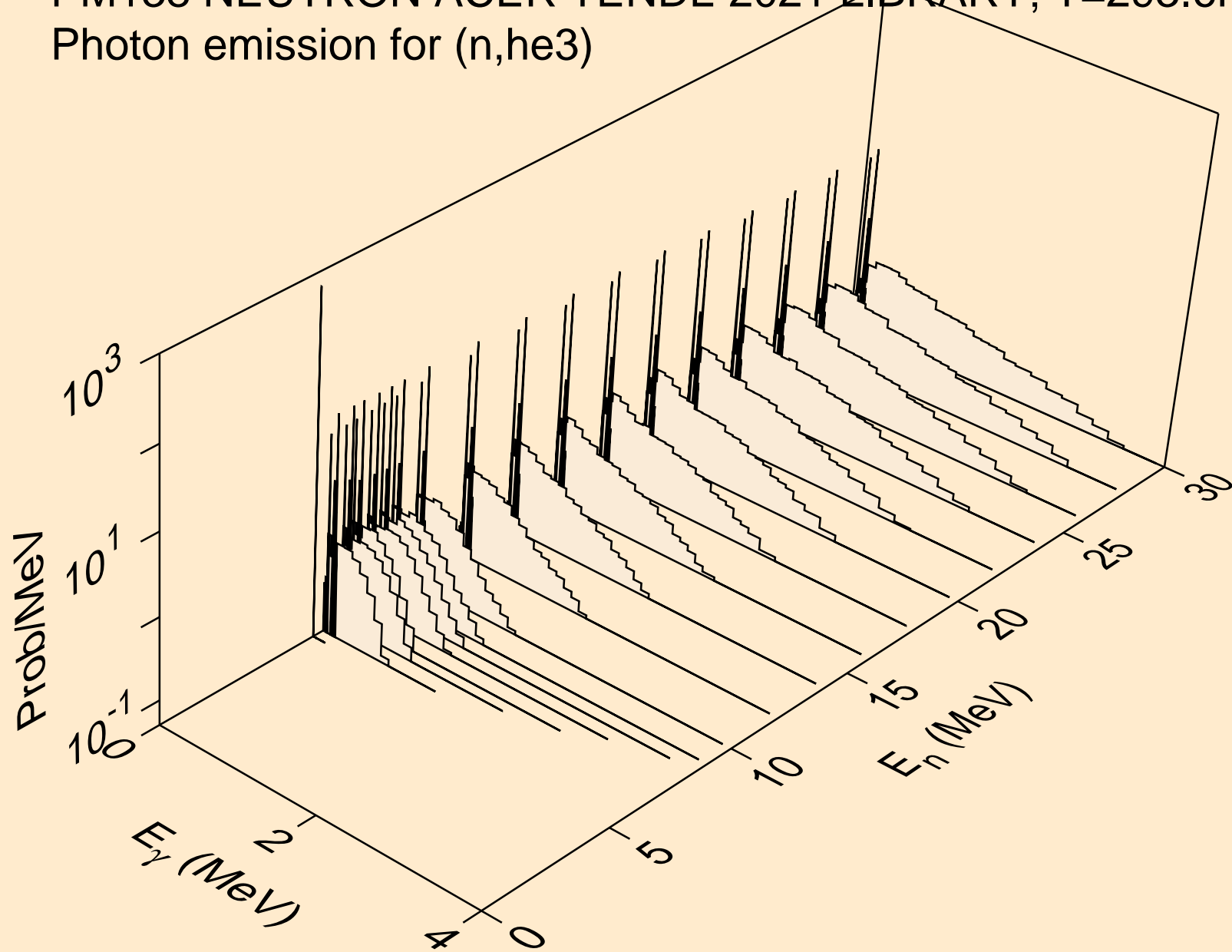
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)

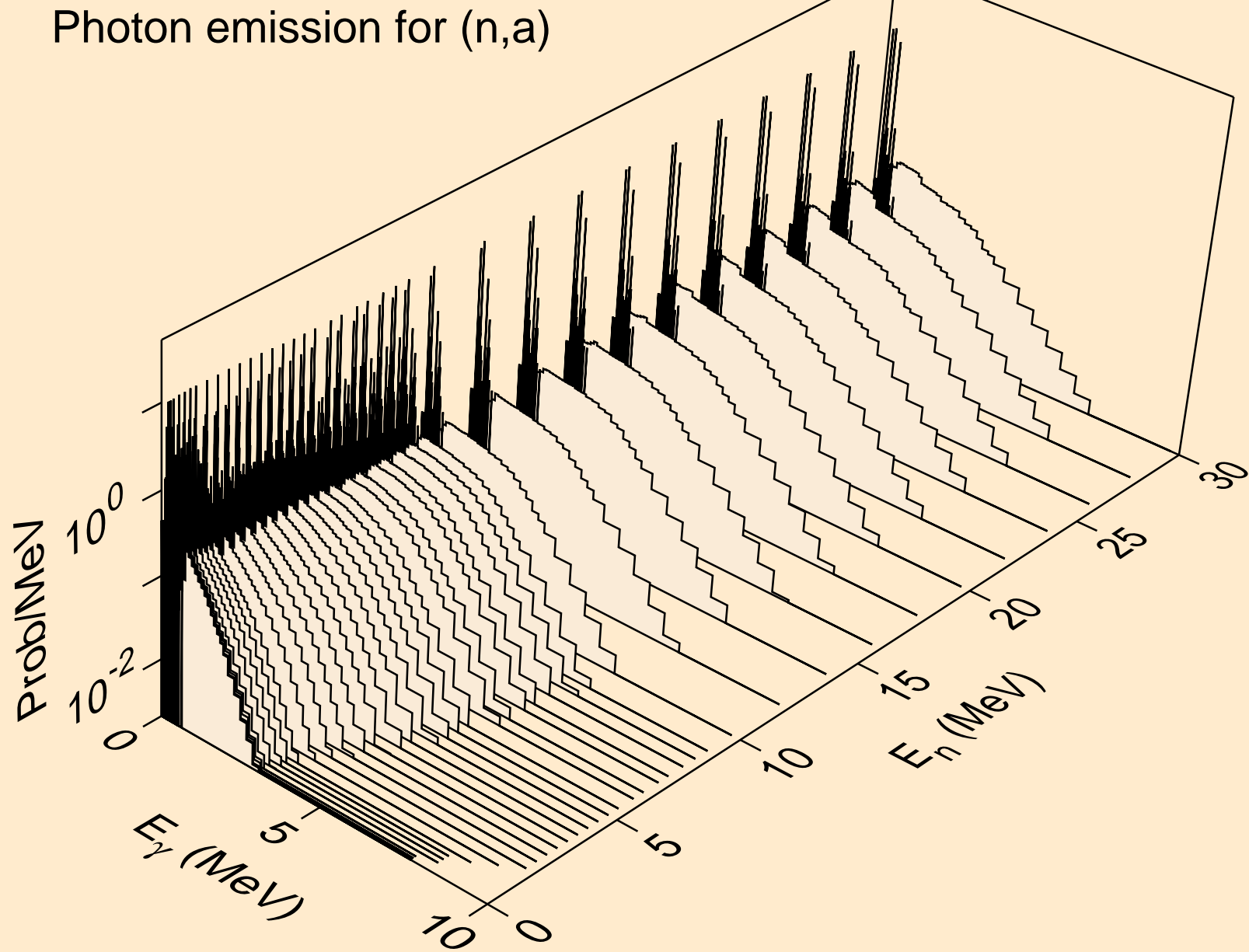


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)

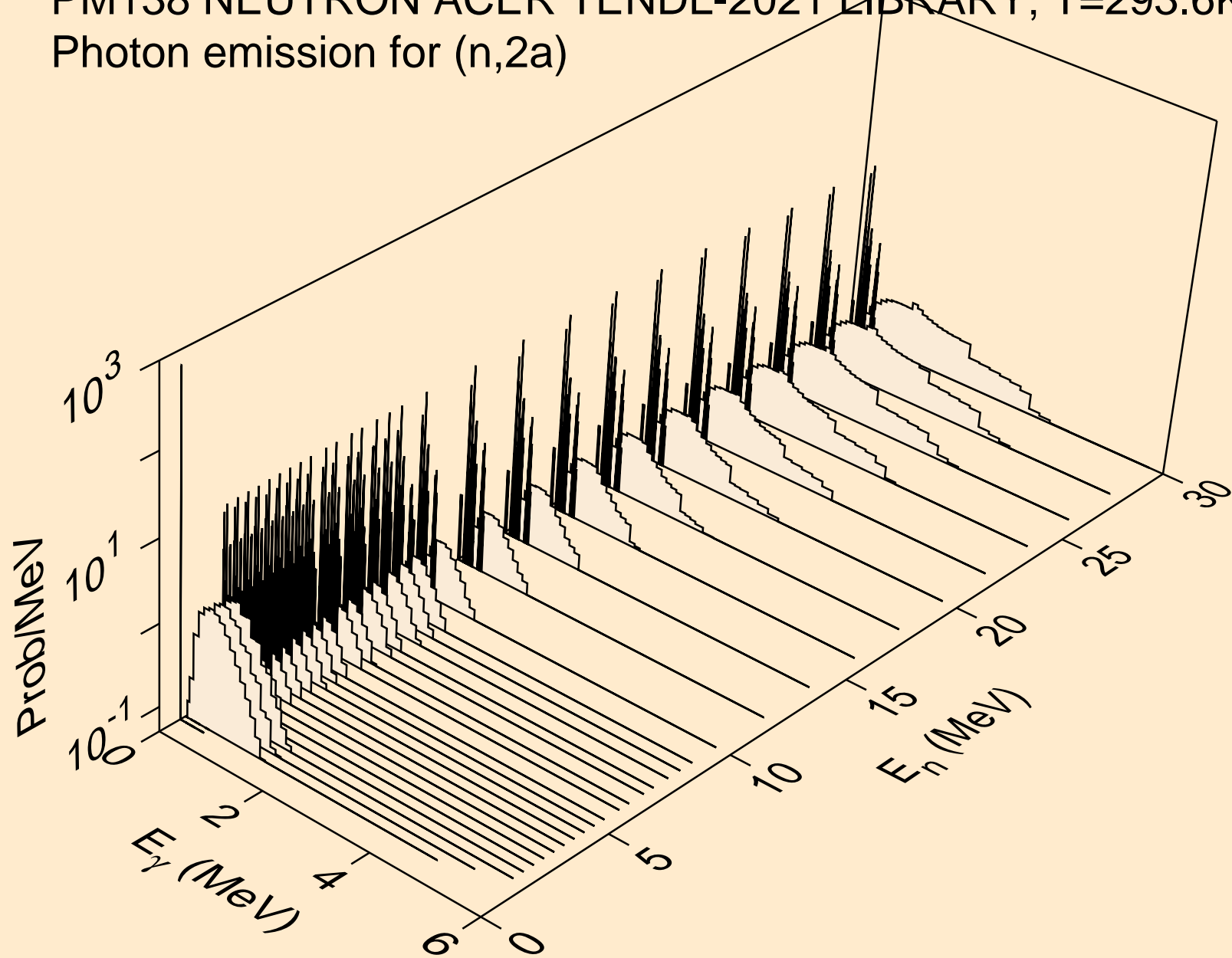




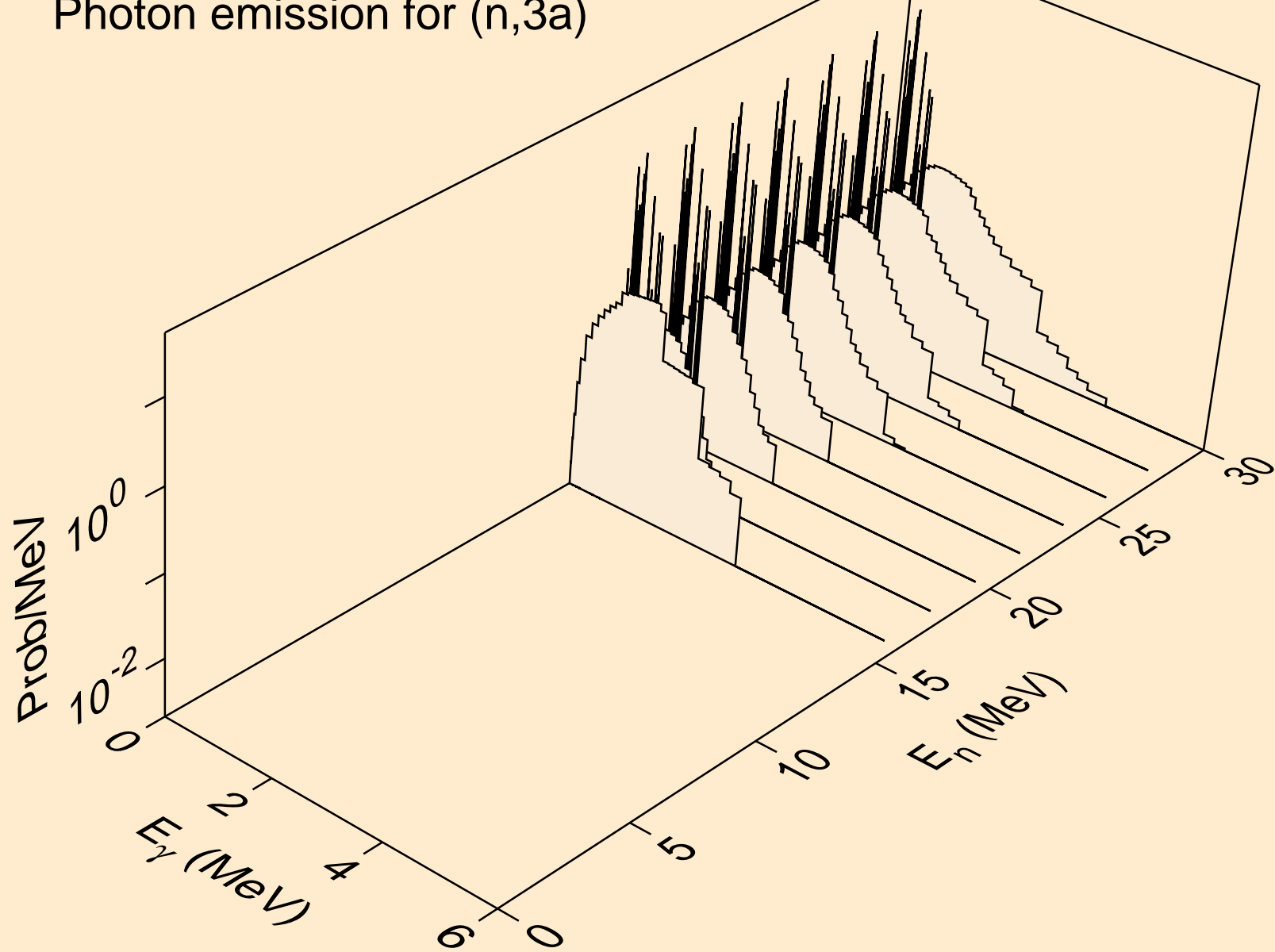
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



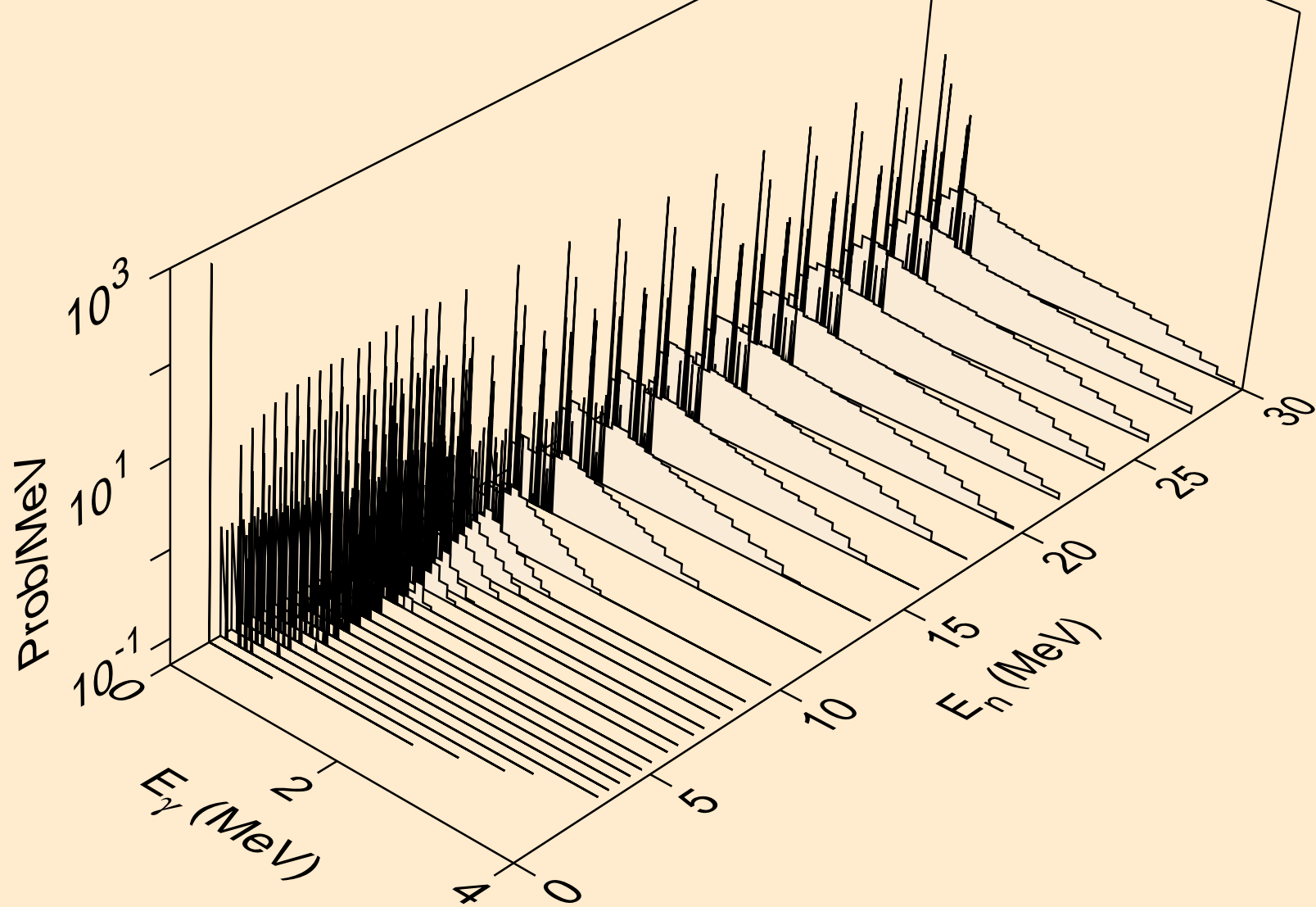
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



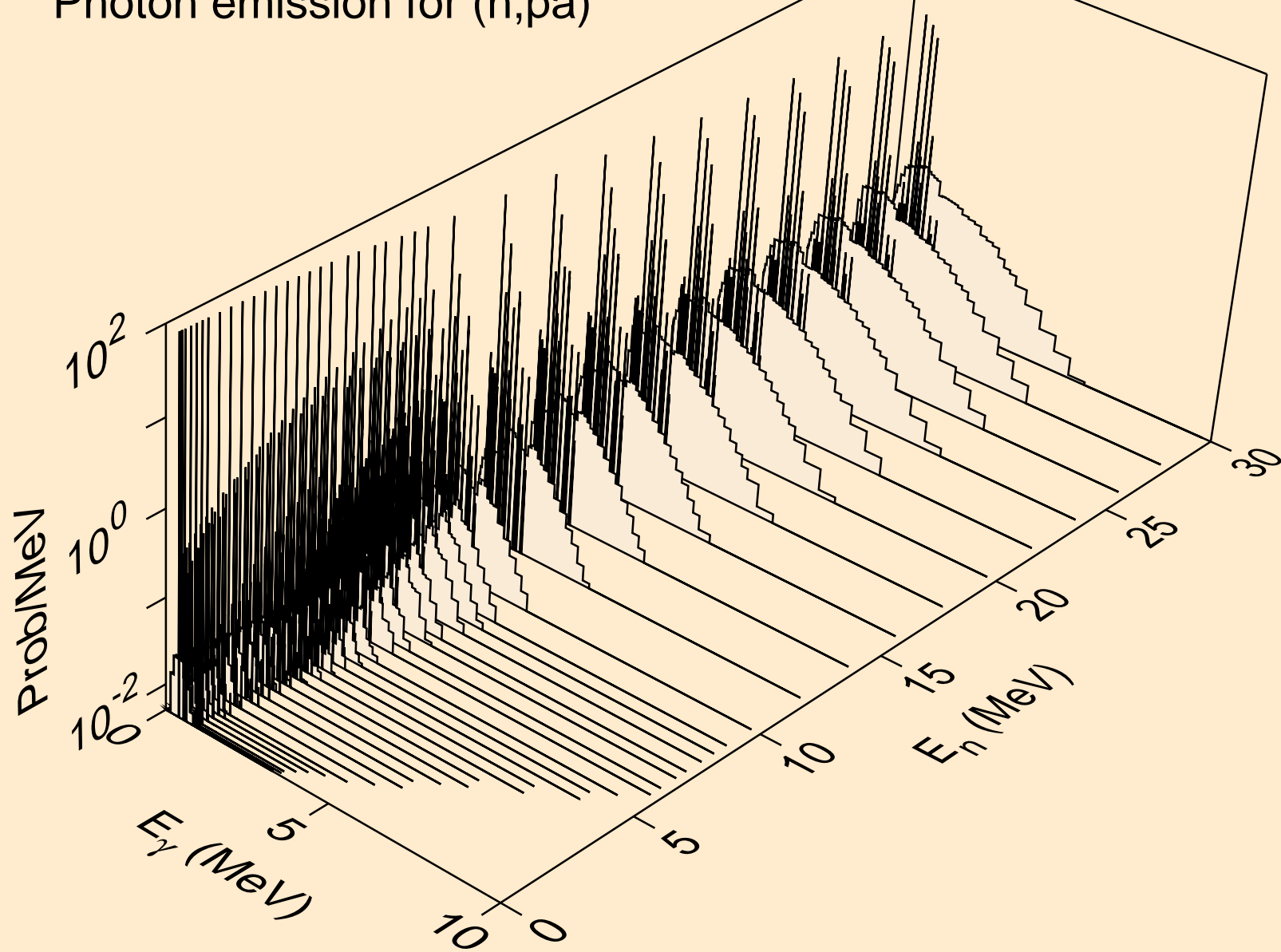
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)



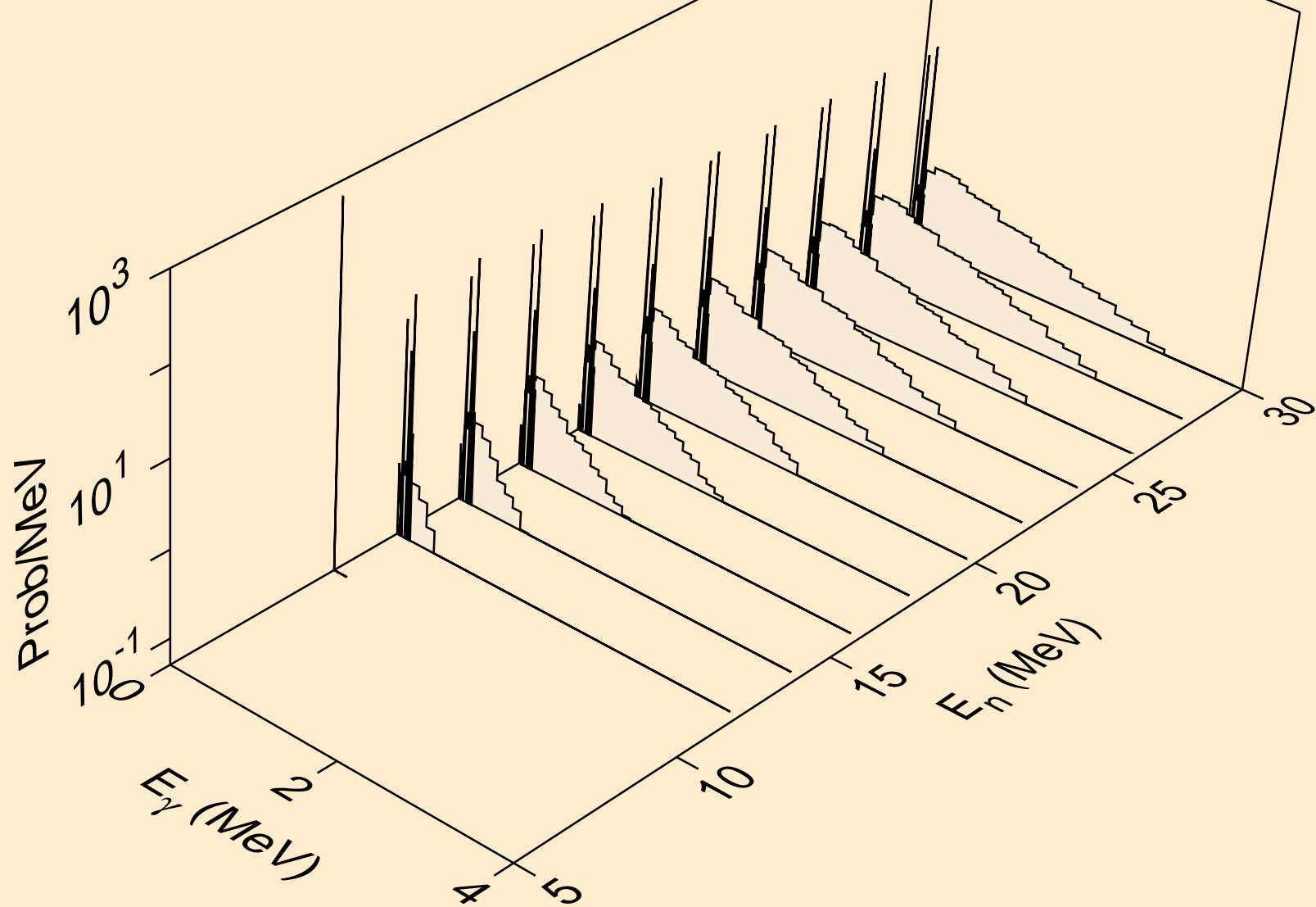
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)



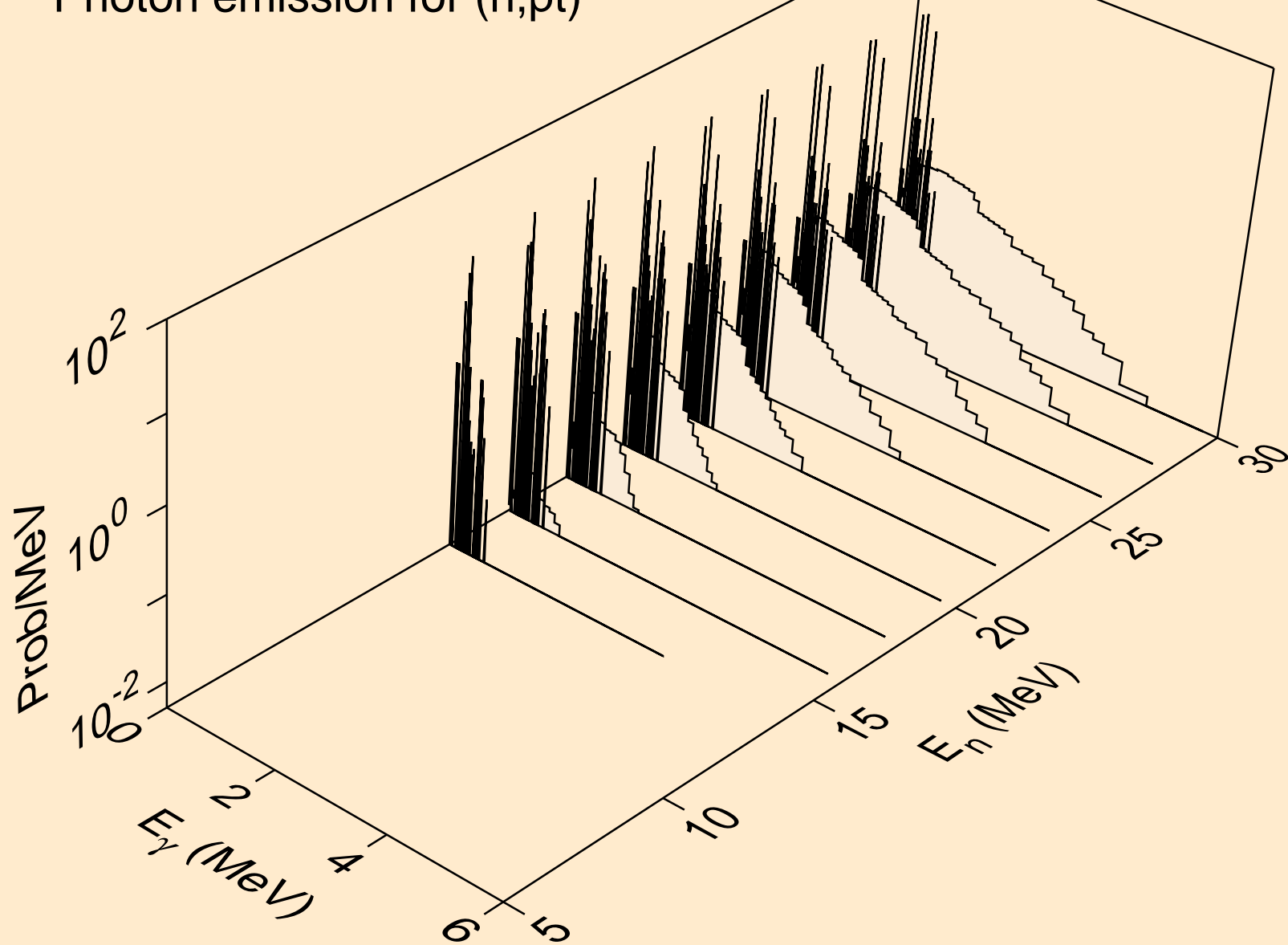
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Photon emission for (n,p $\alpha$ )



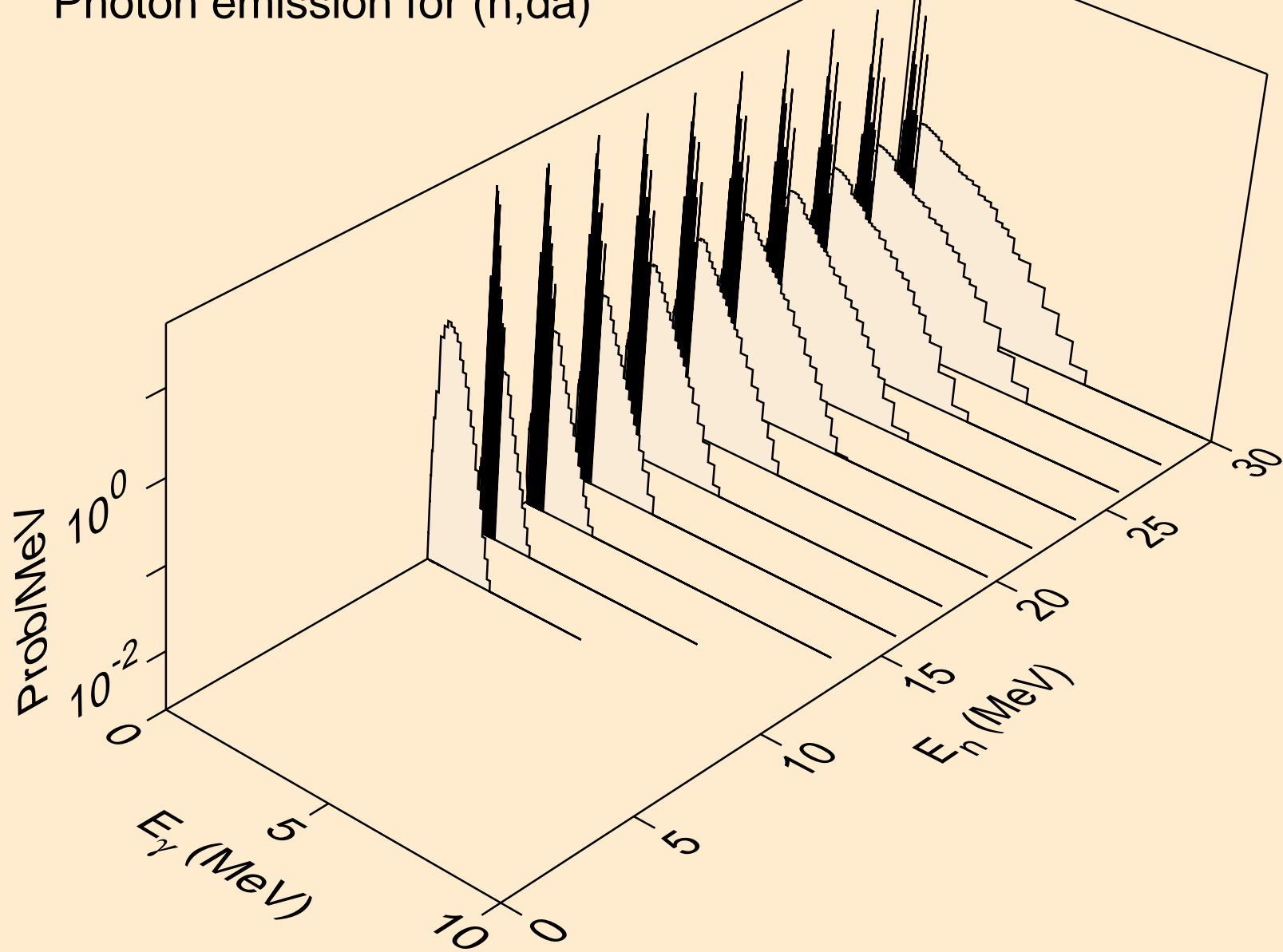
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

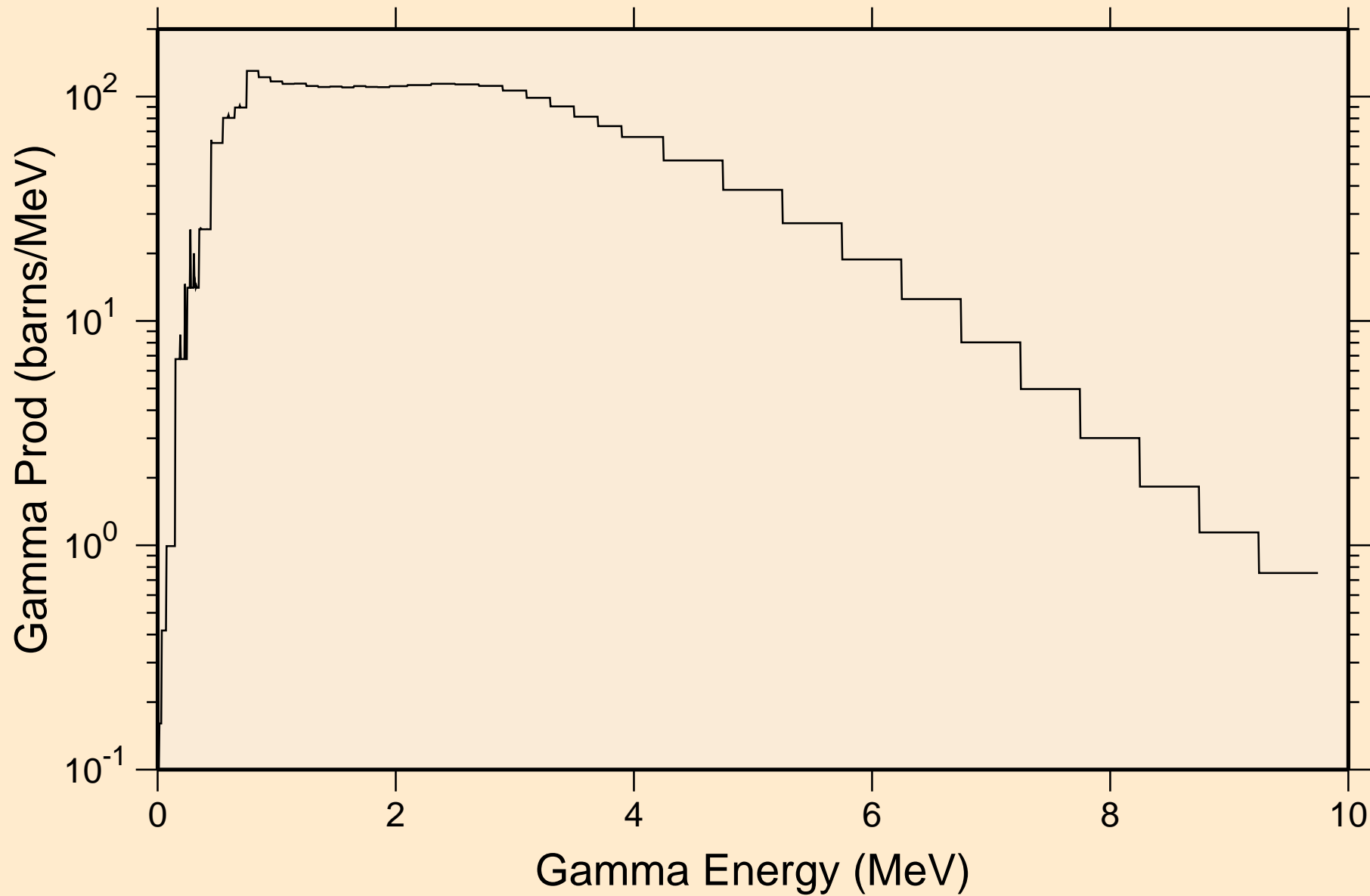


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)

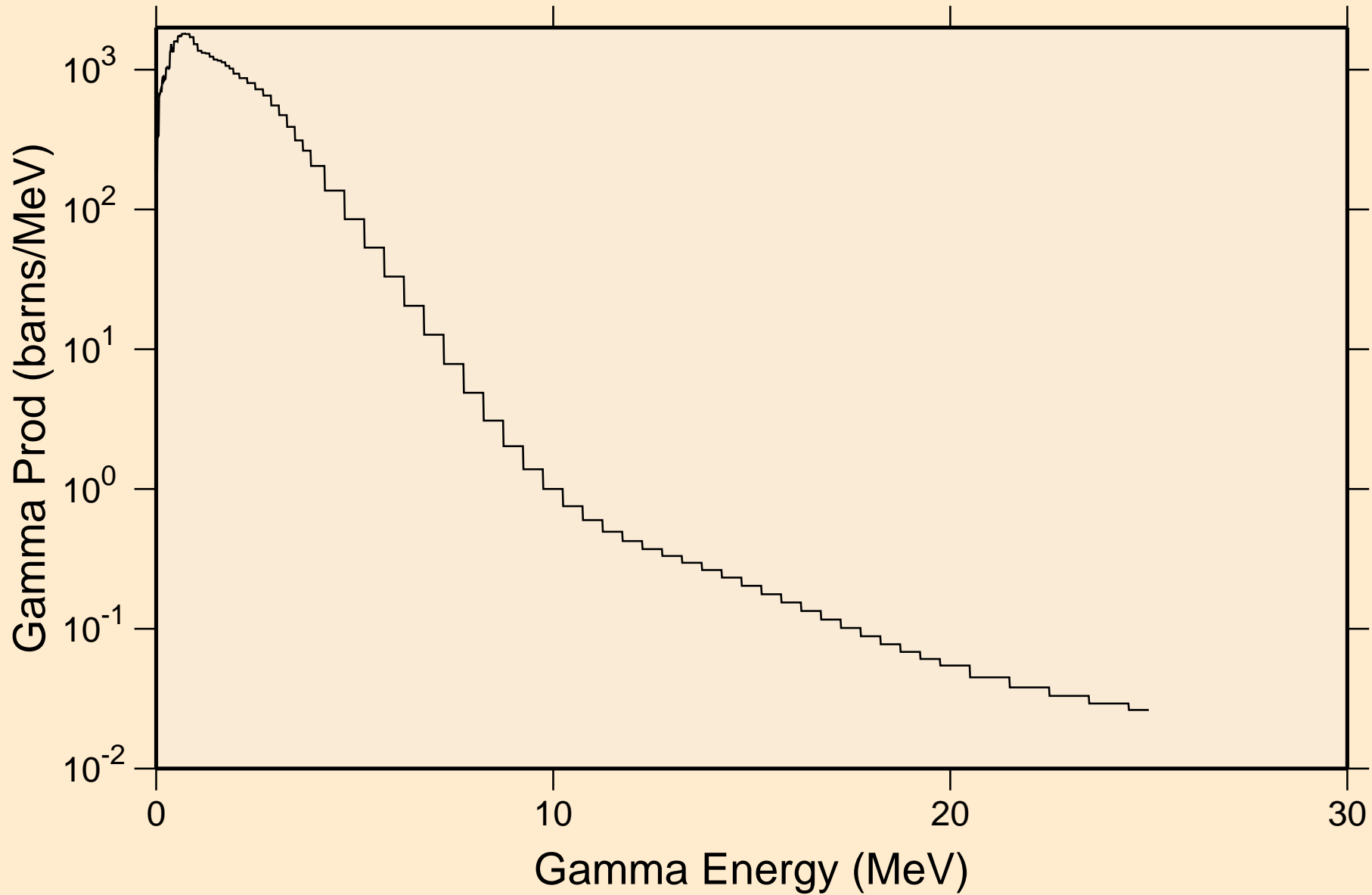




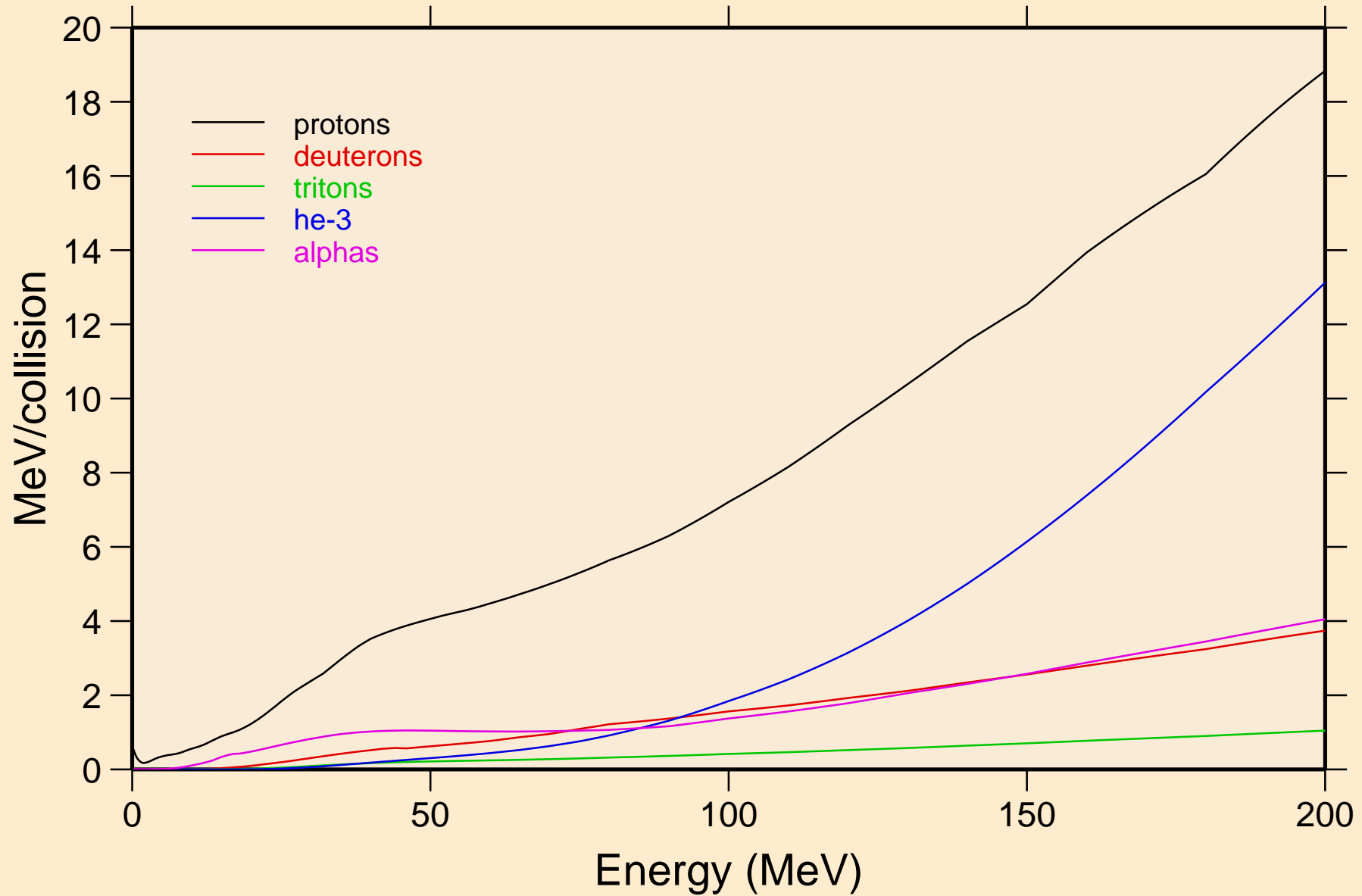
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum



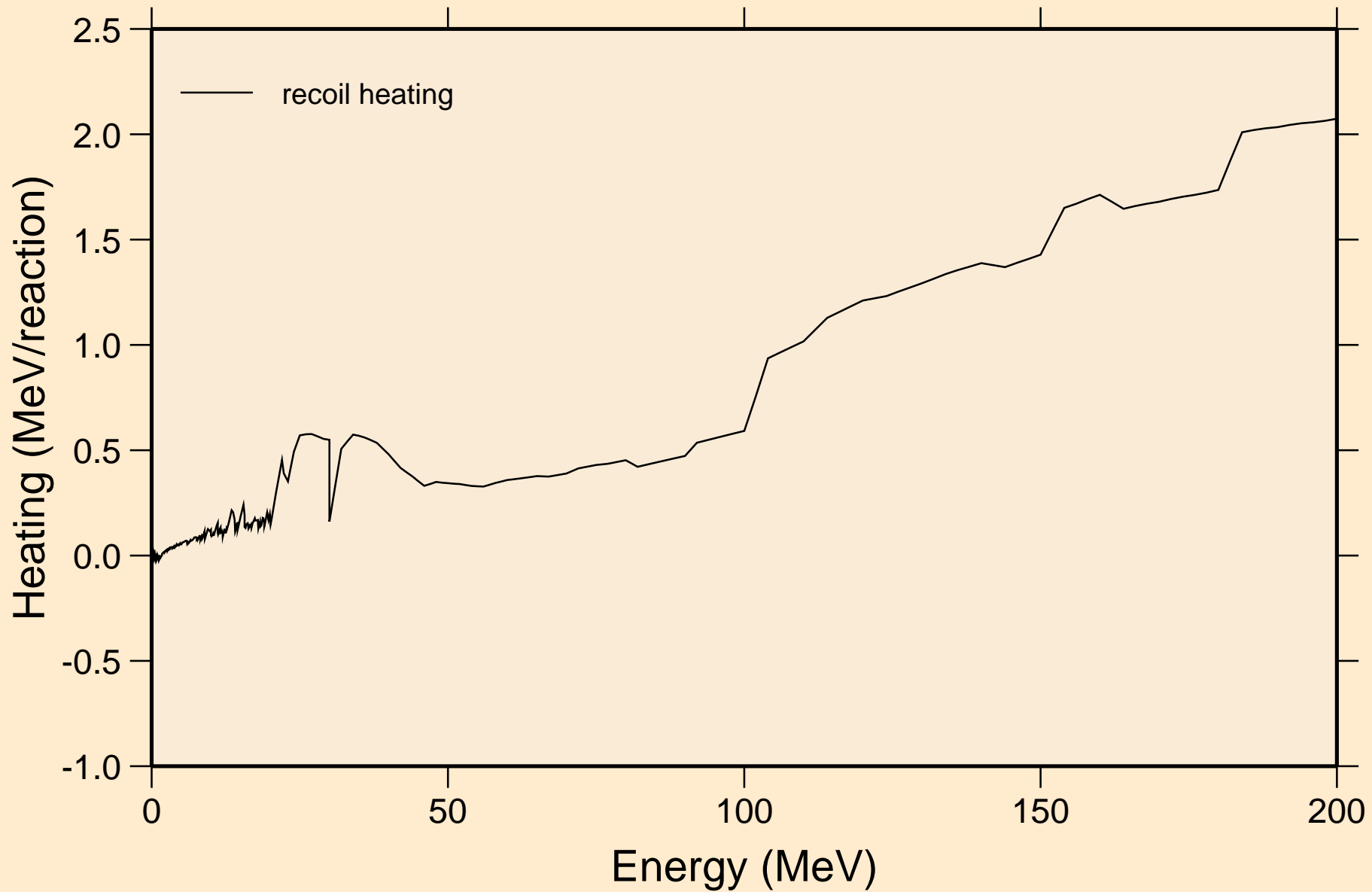
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



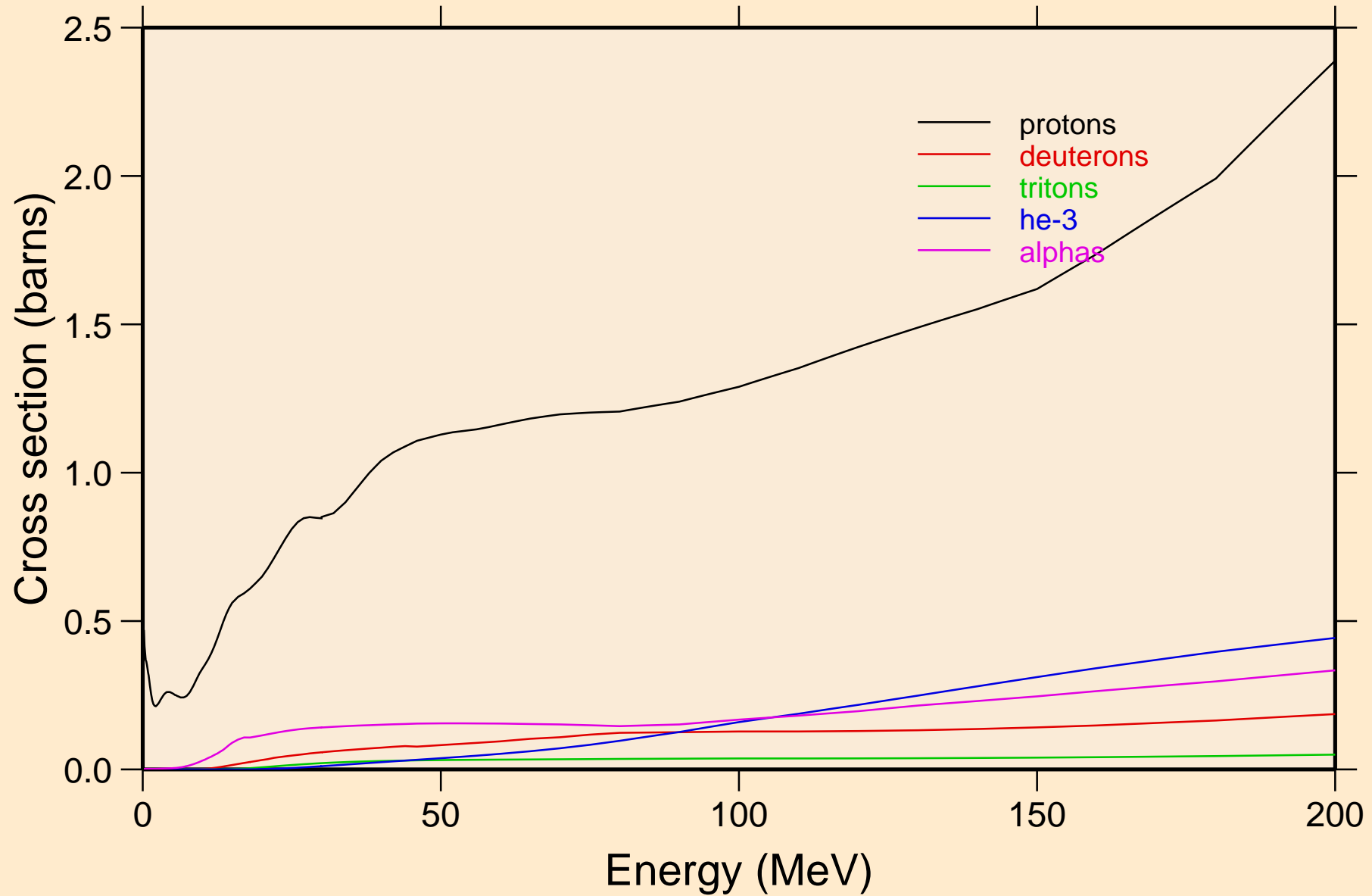
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions



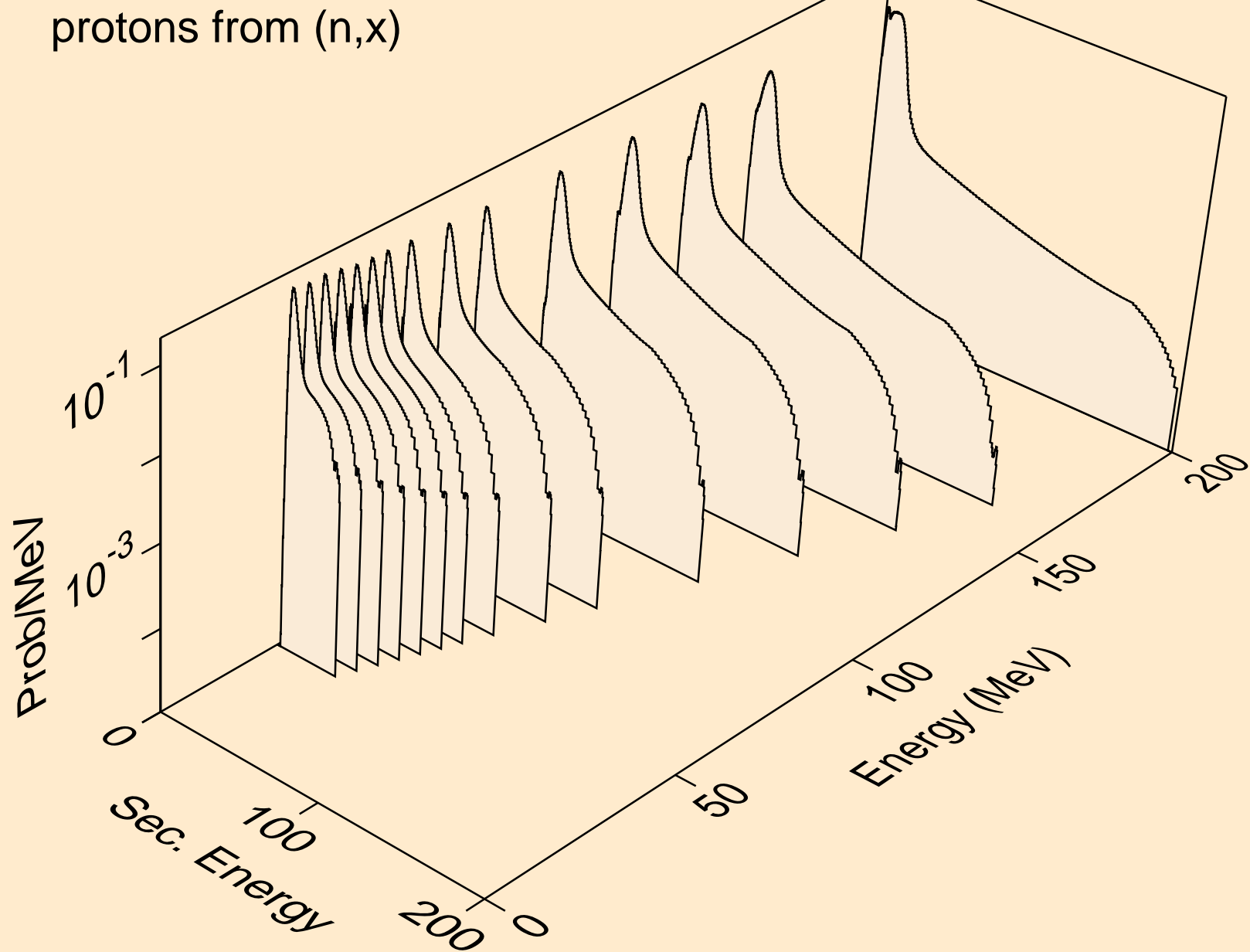
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating



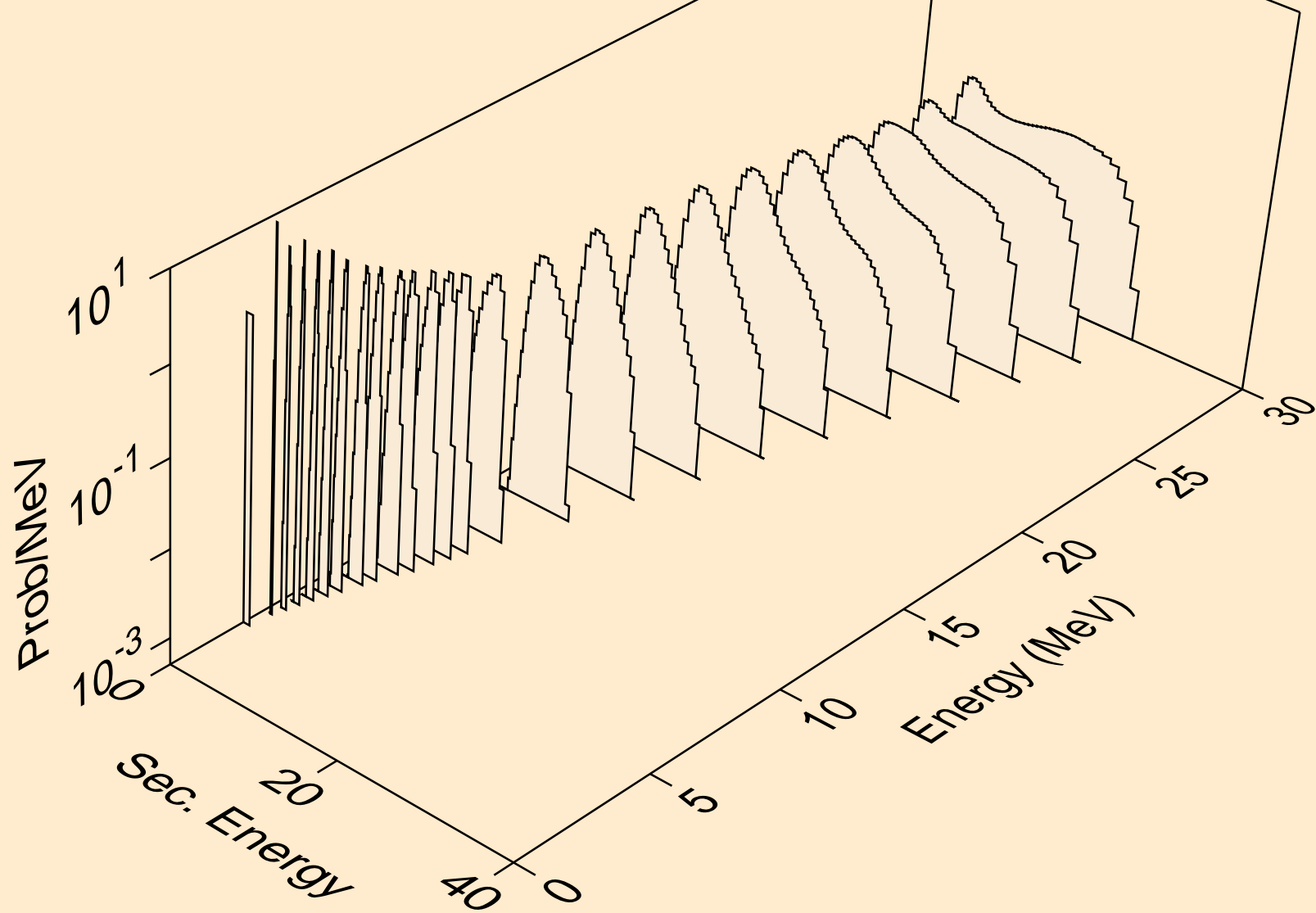
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



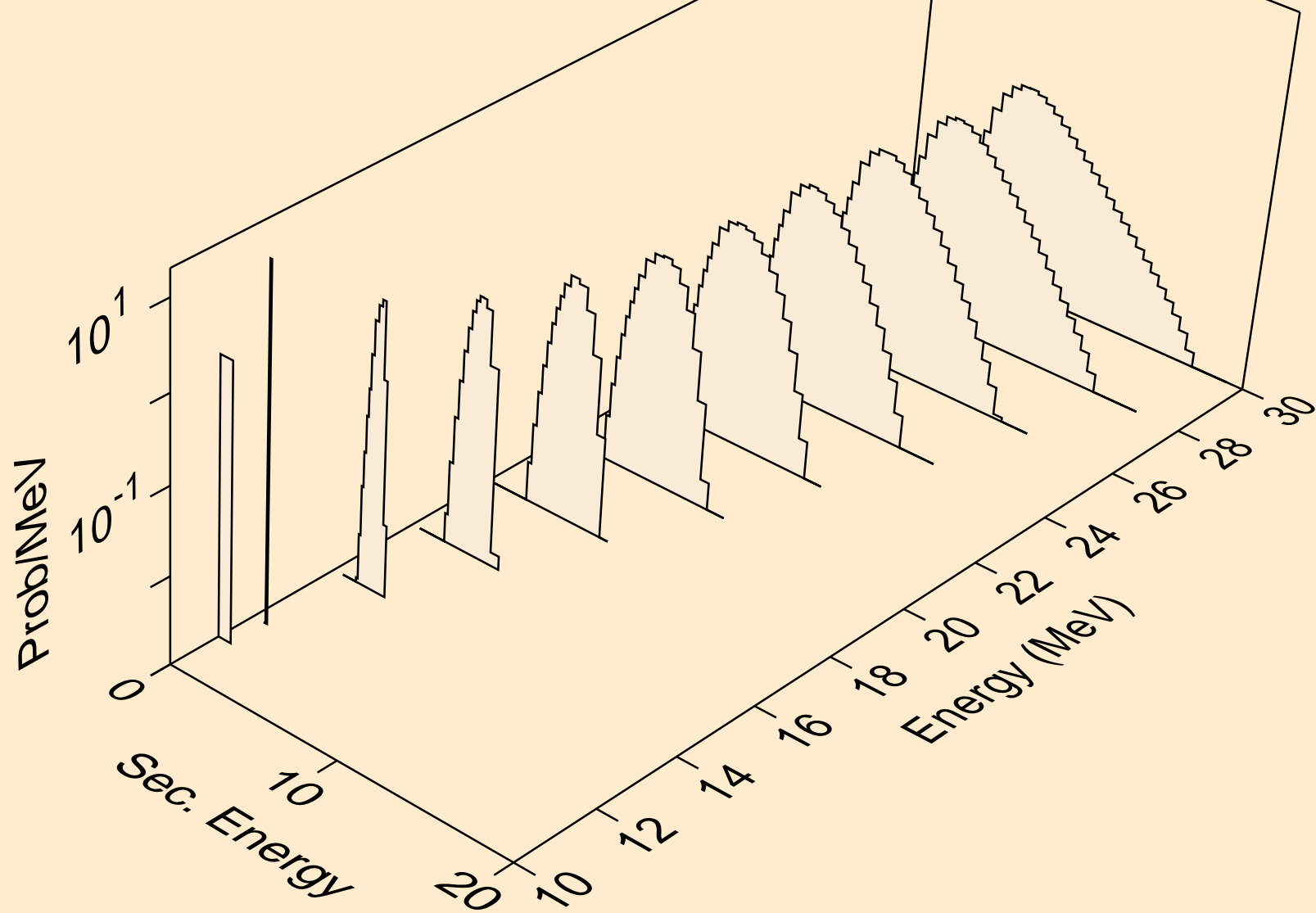
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

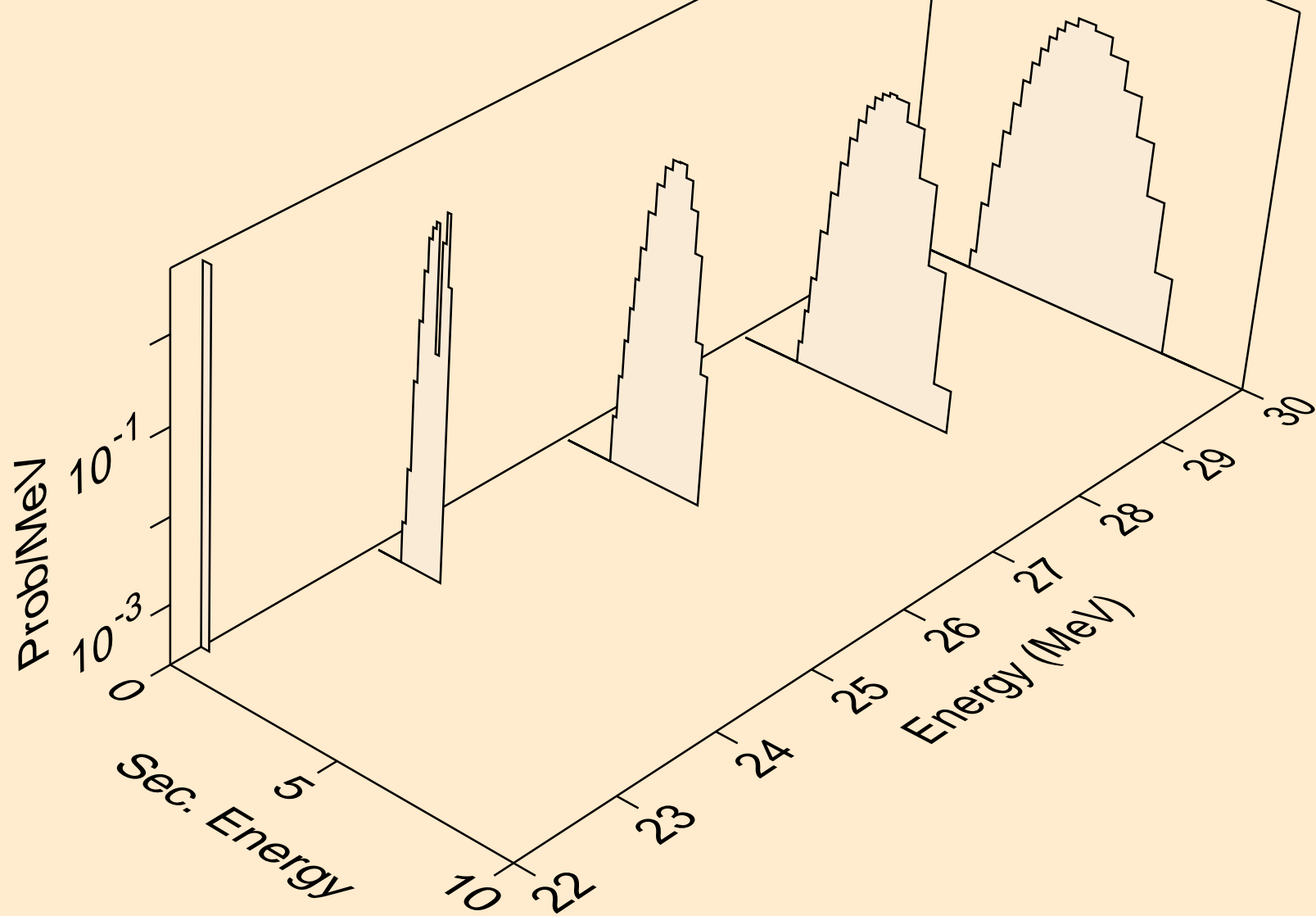


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

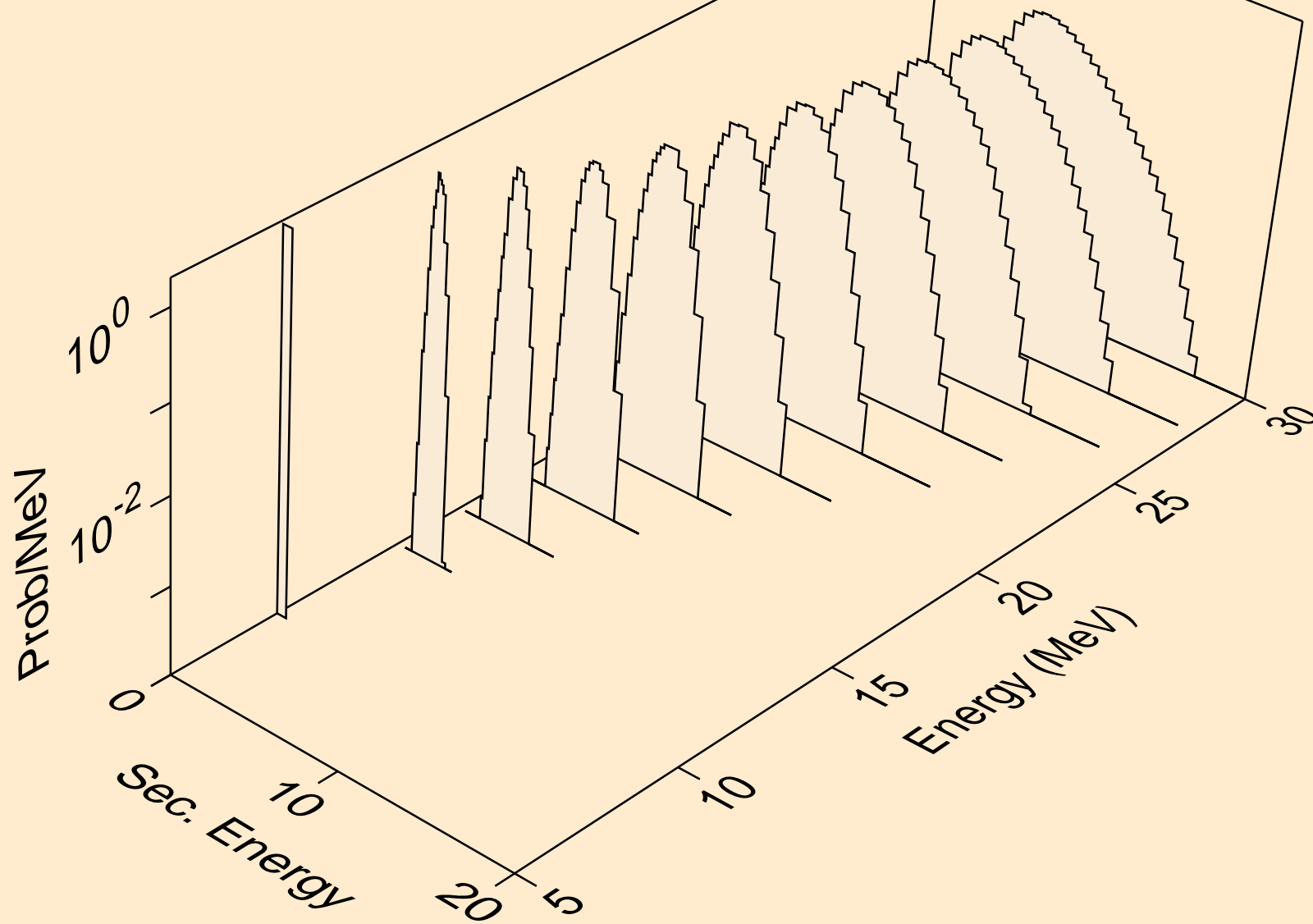




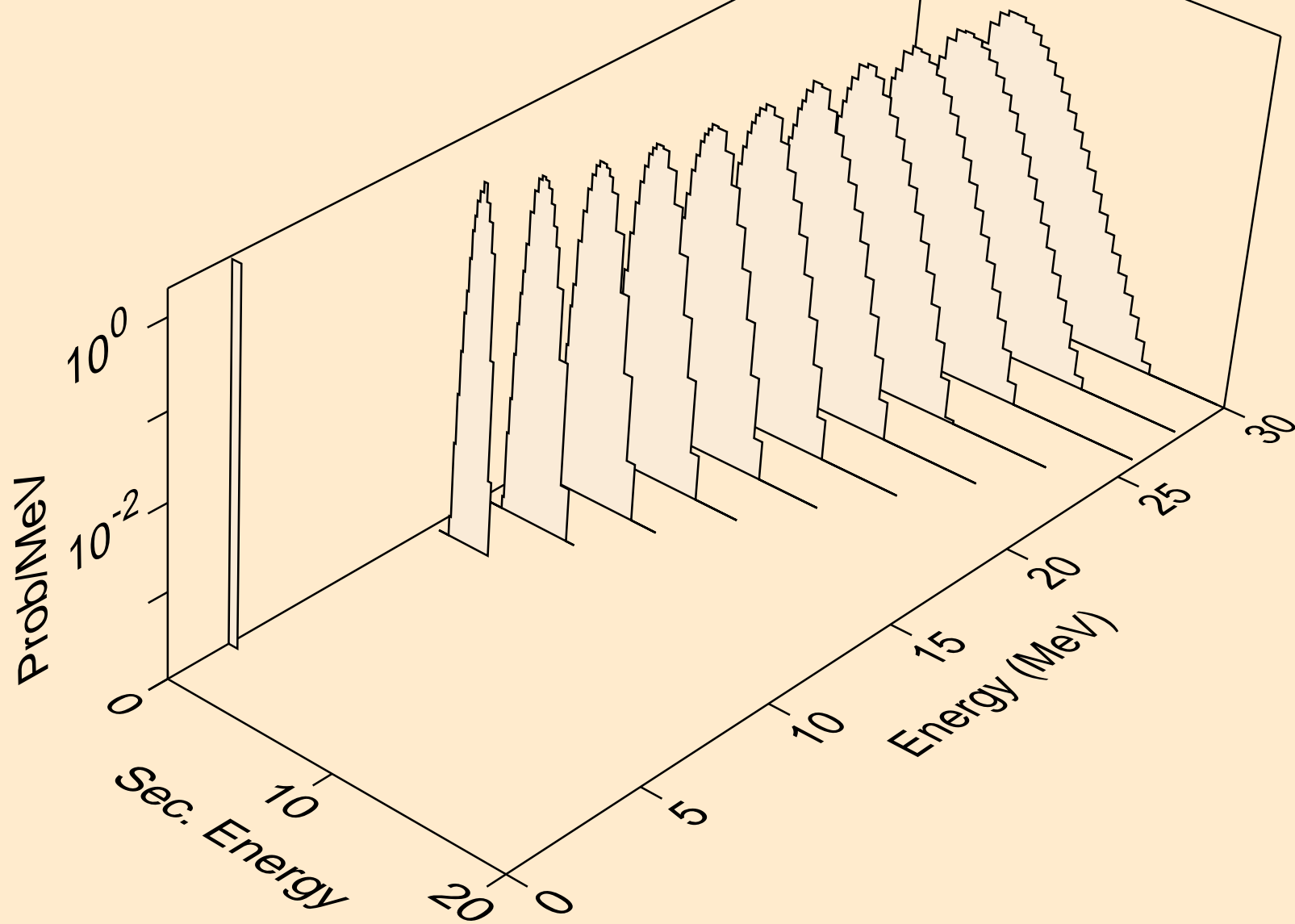
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protons from (n,3np)



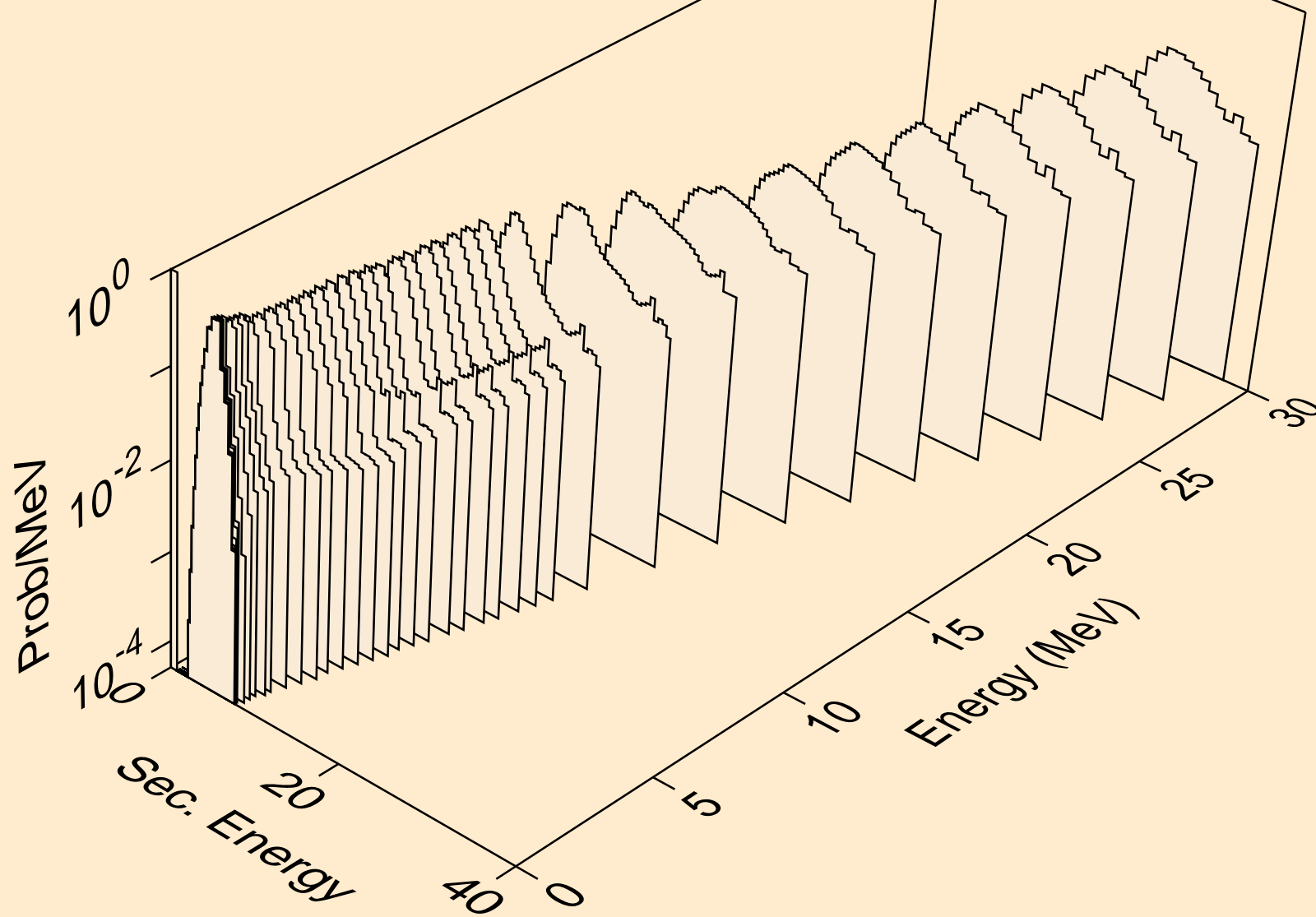
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



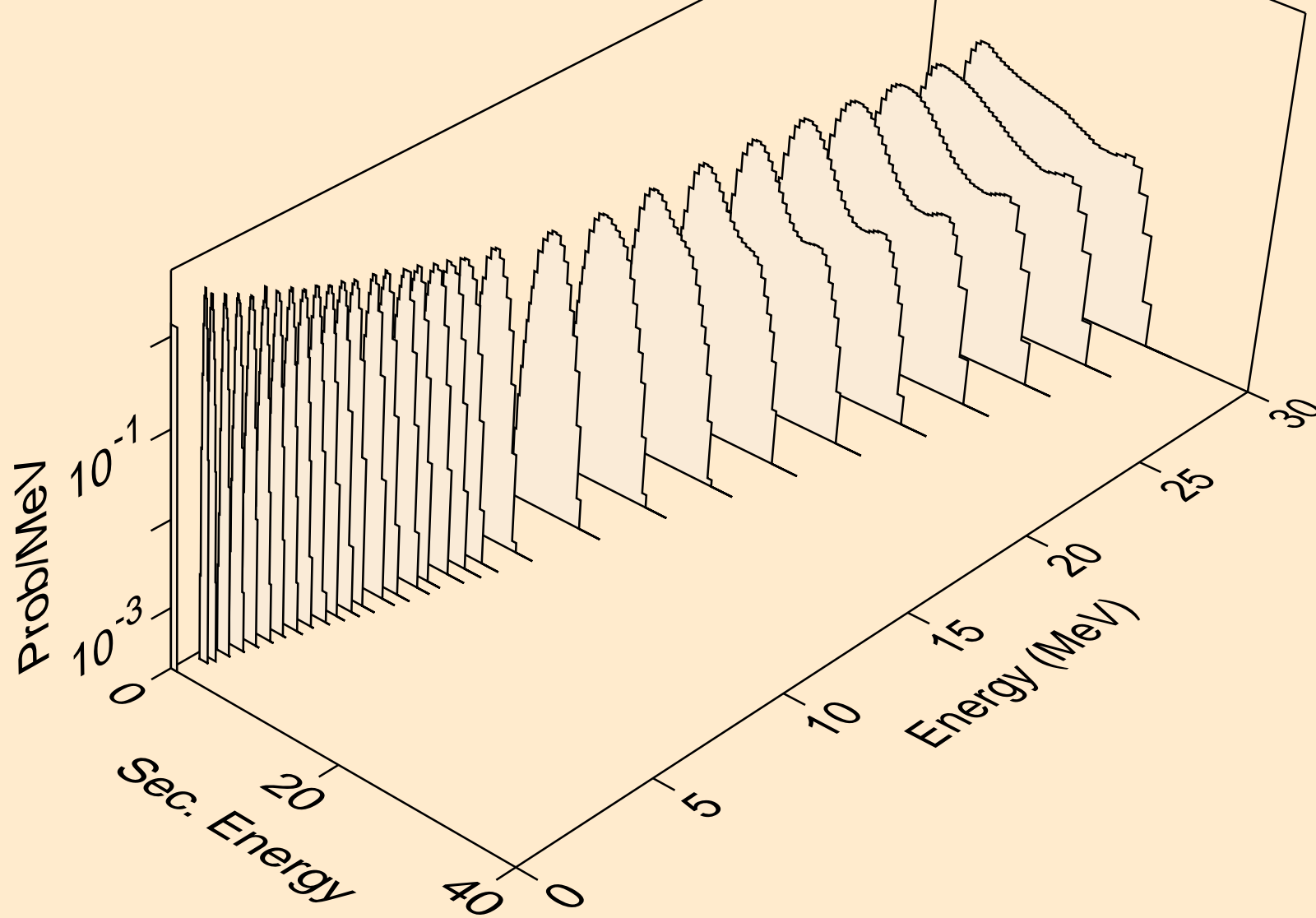
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



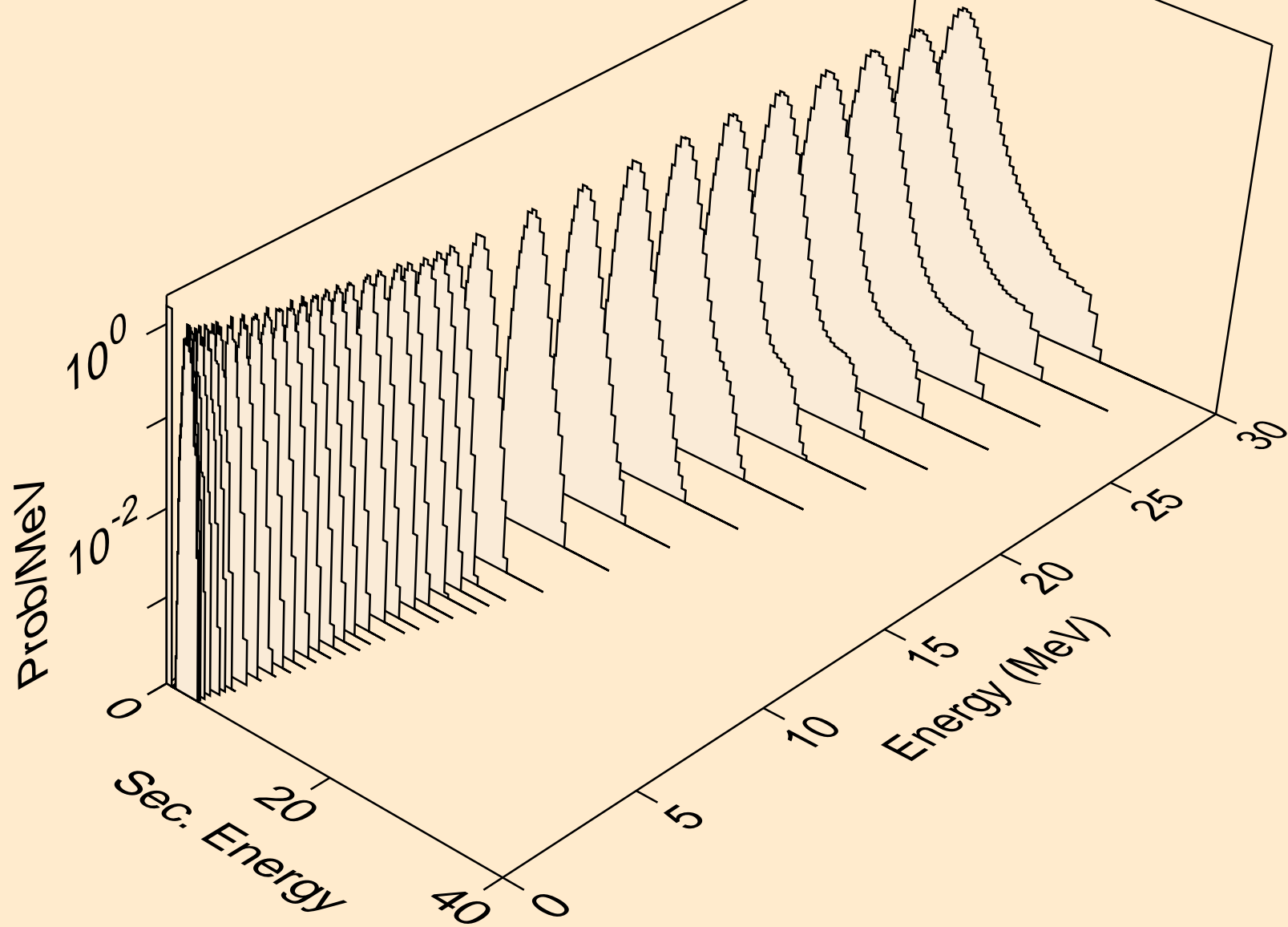
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protons from (n,p)



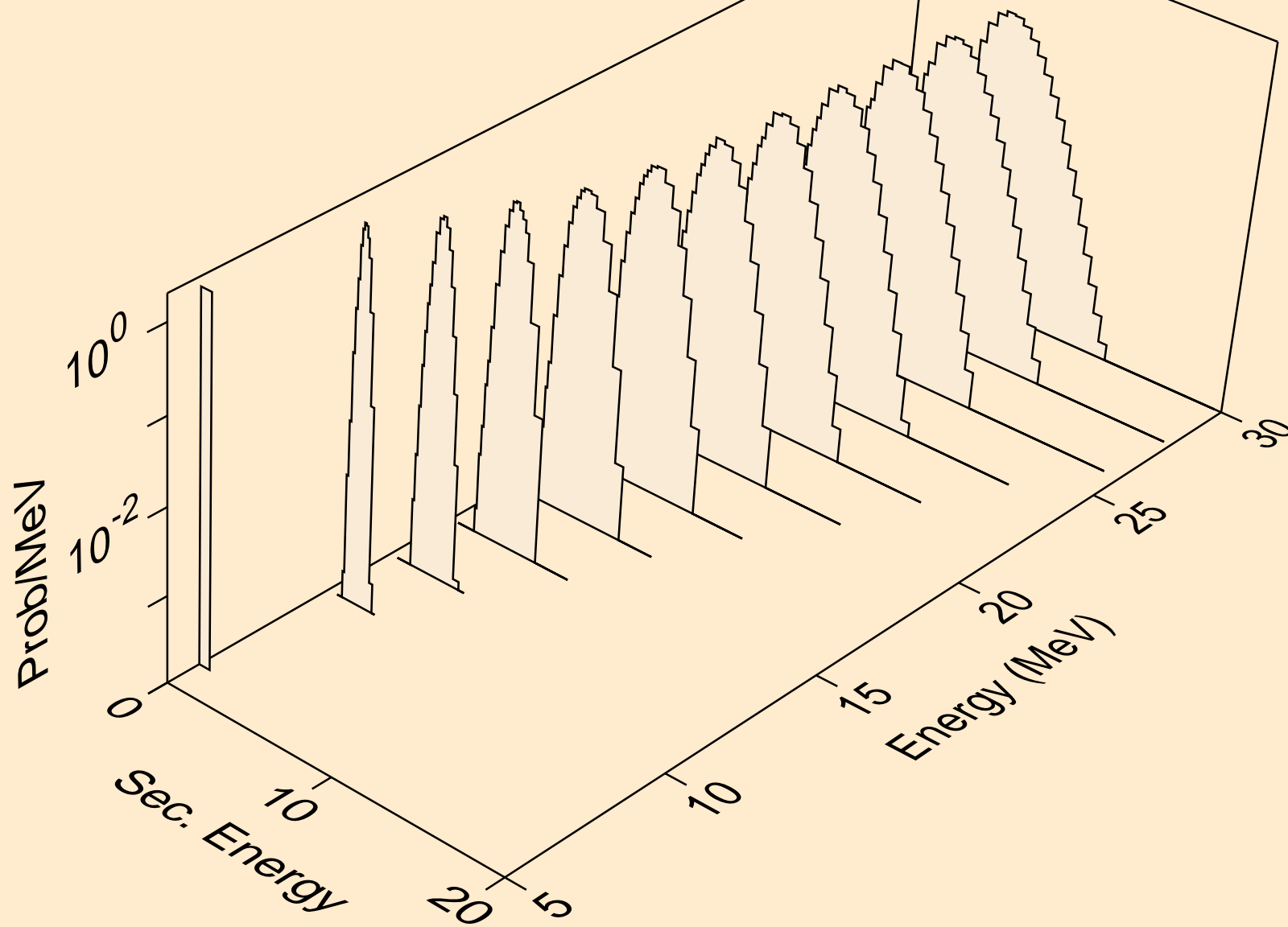
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



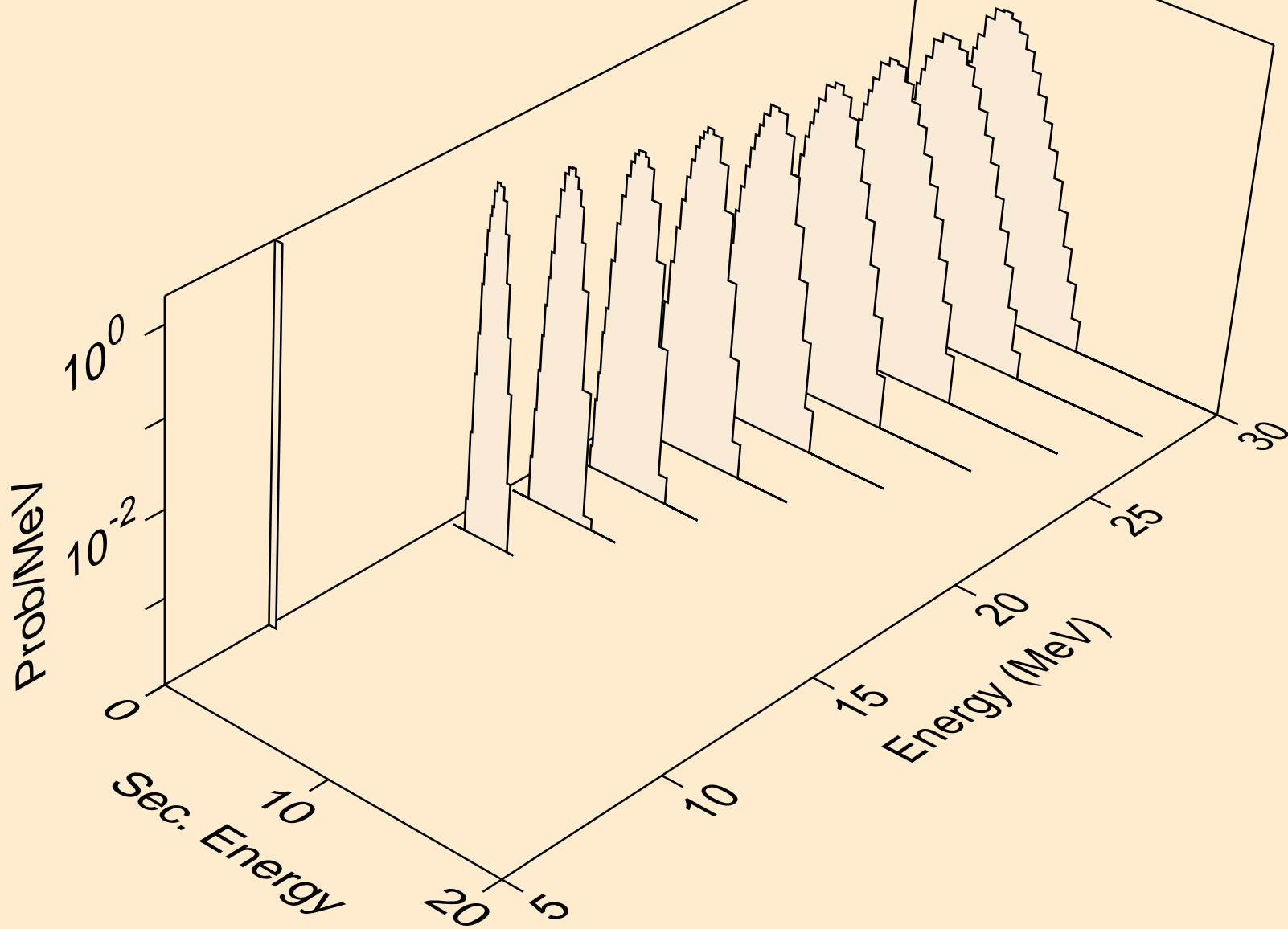
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pd)

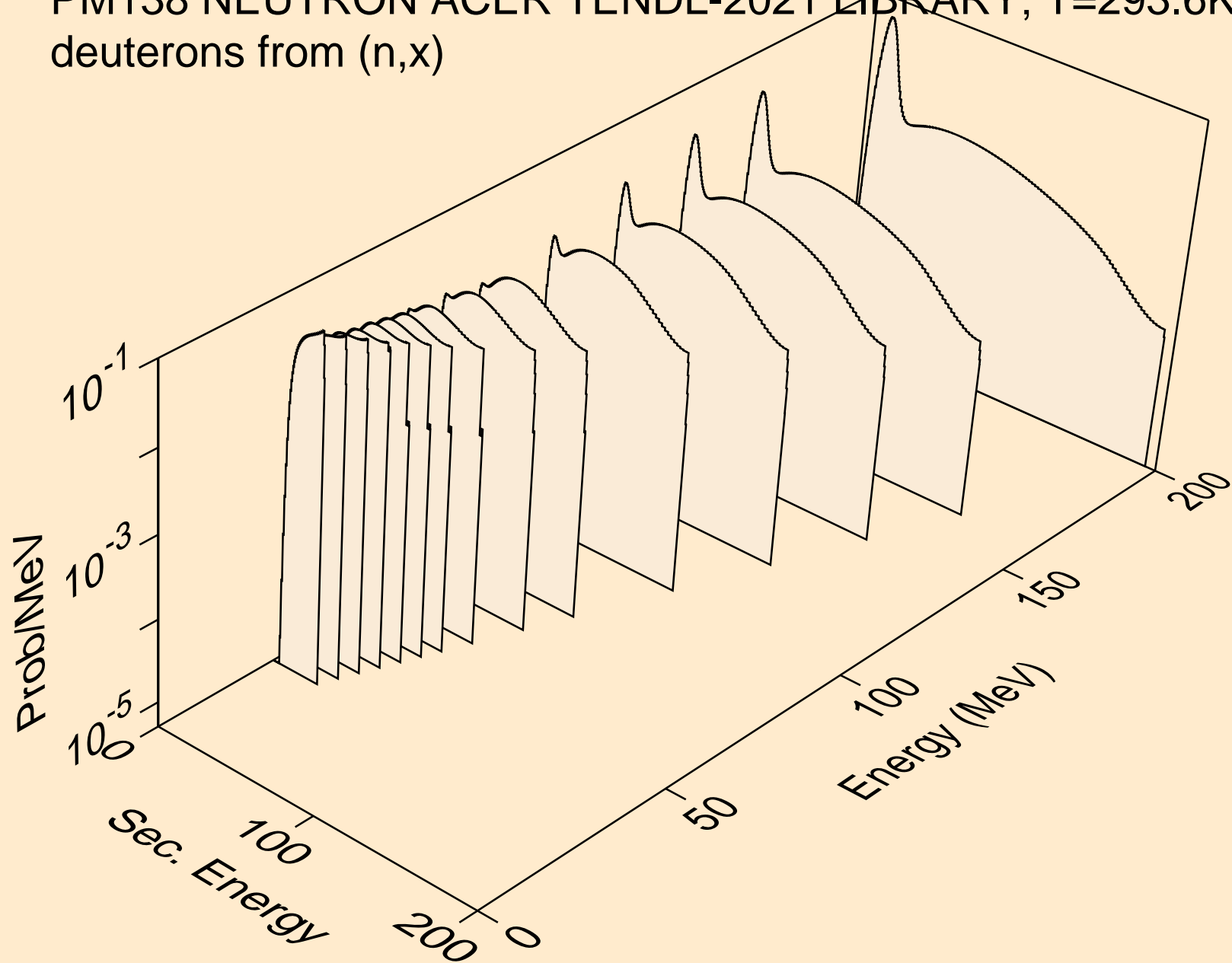


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)

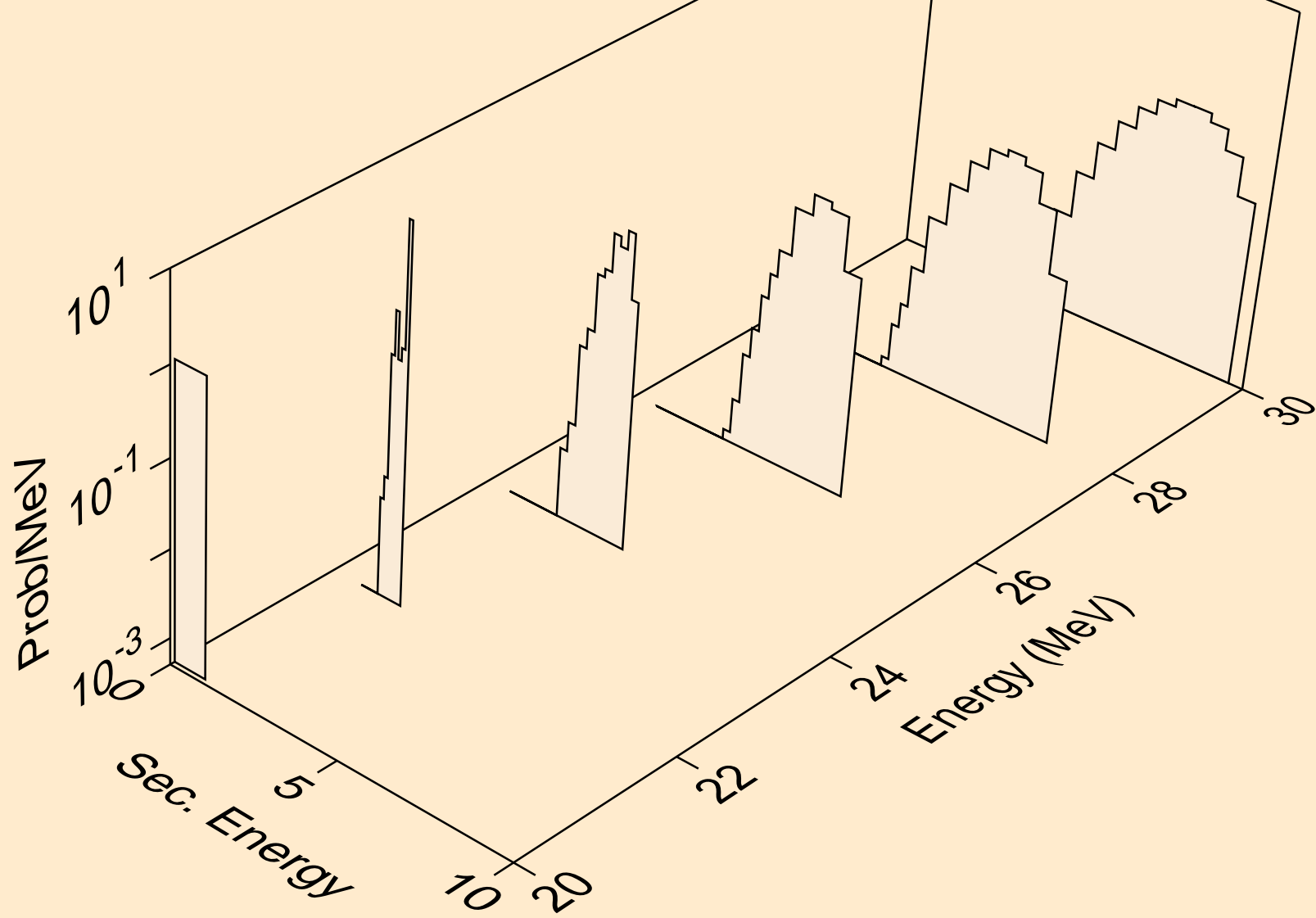




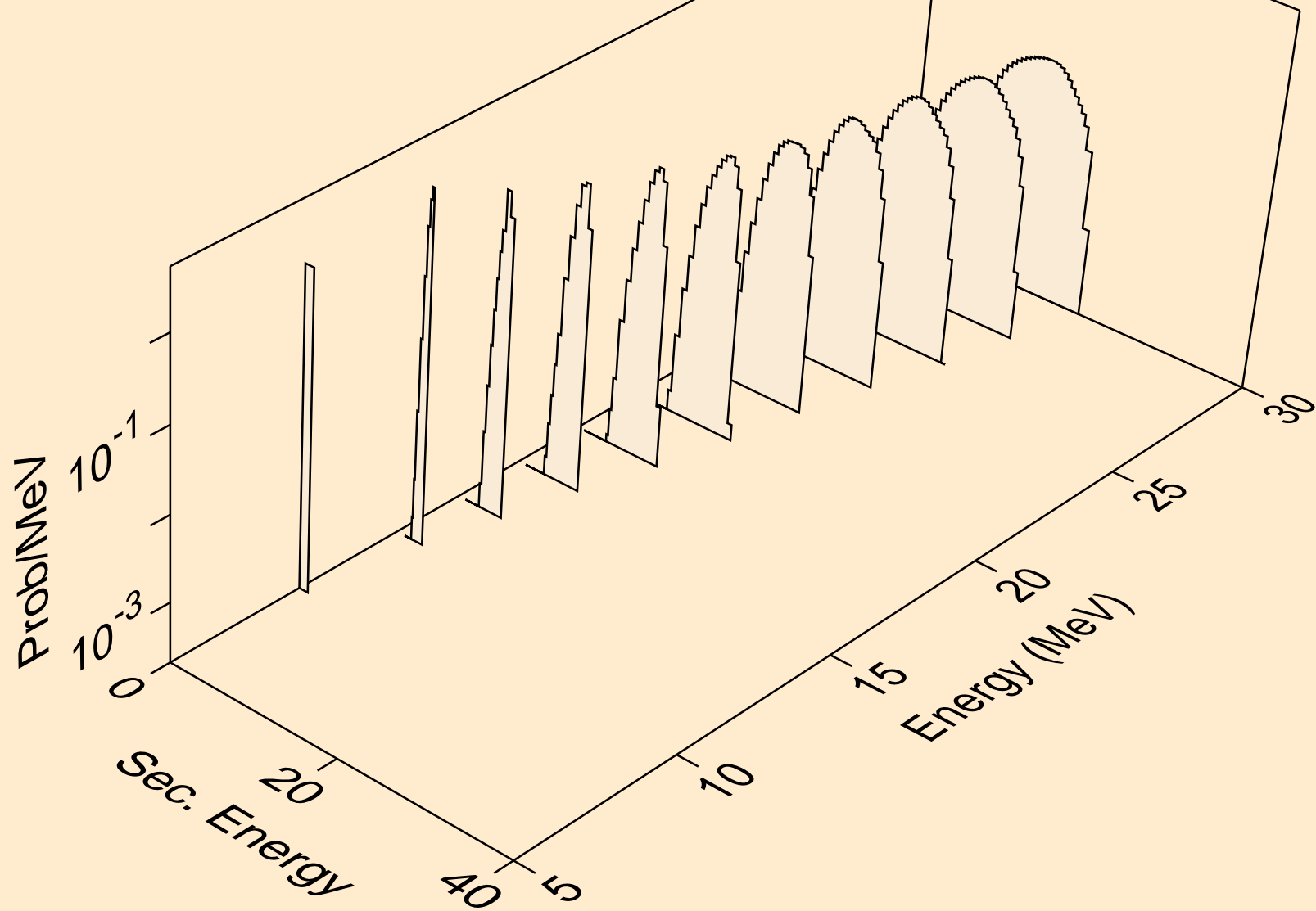
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



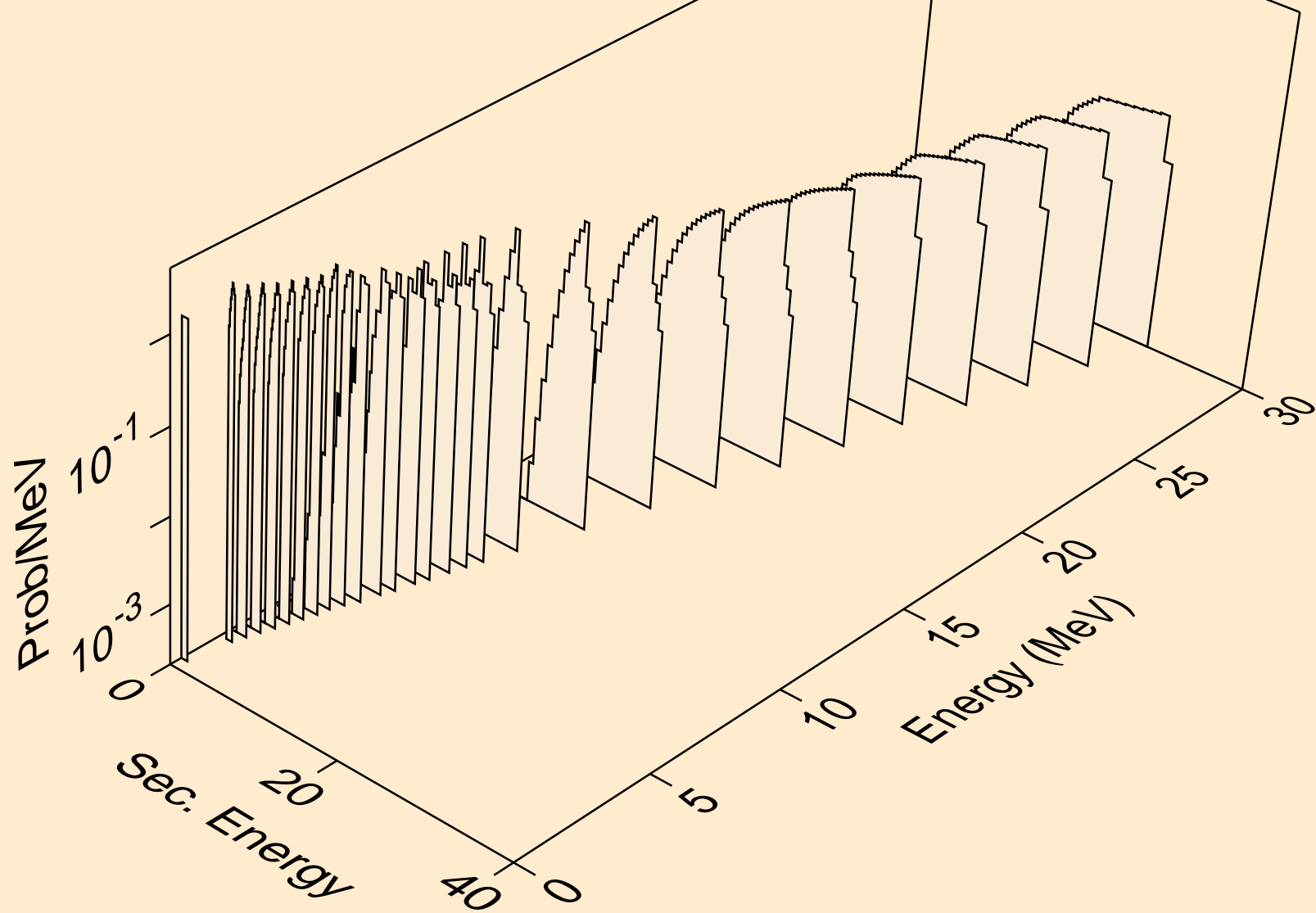
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deuterons from (n,2nd)



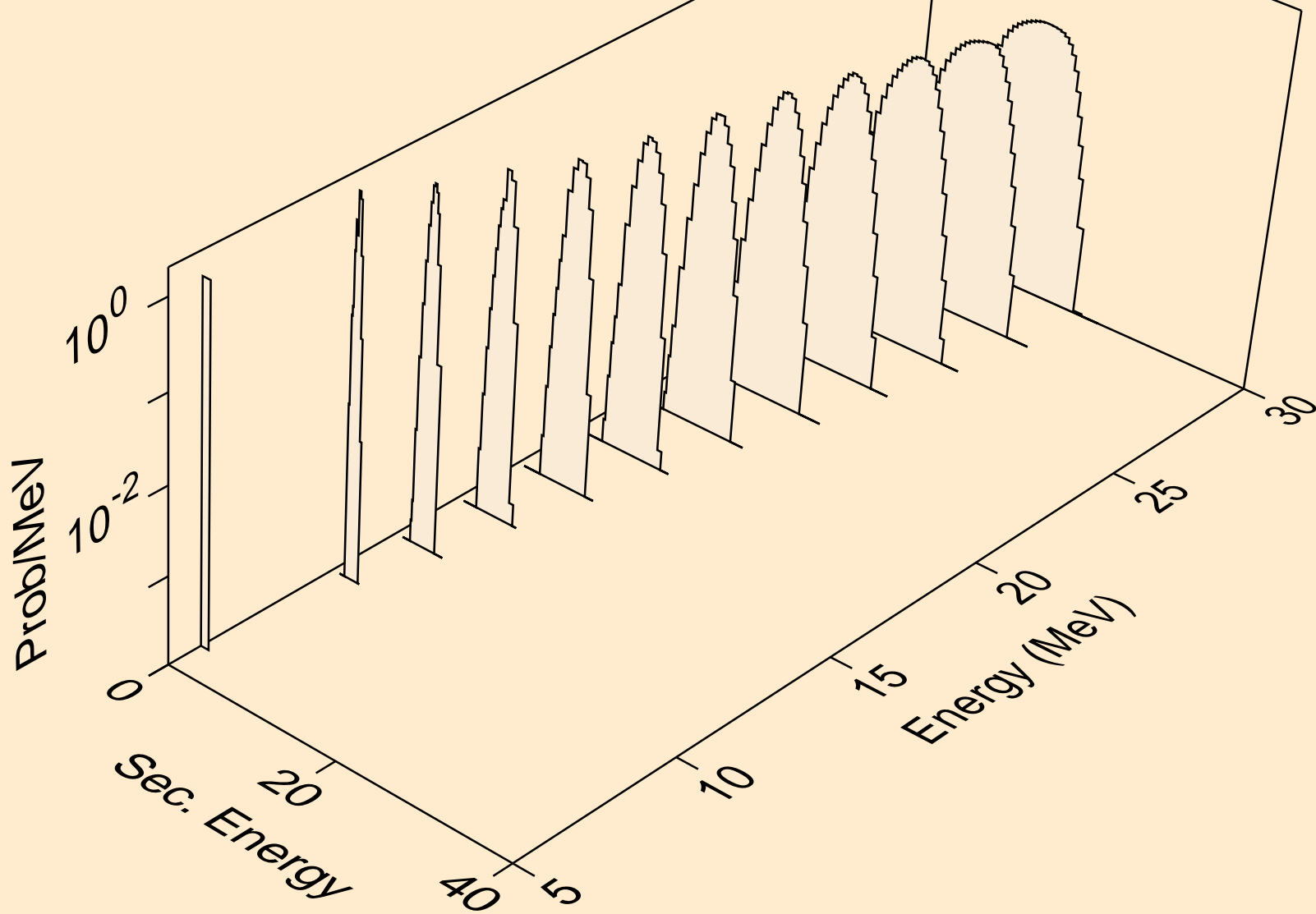
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deuterons from (n,n\*)d



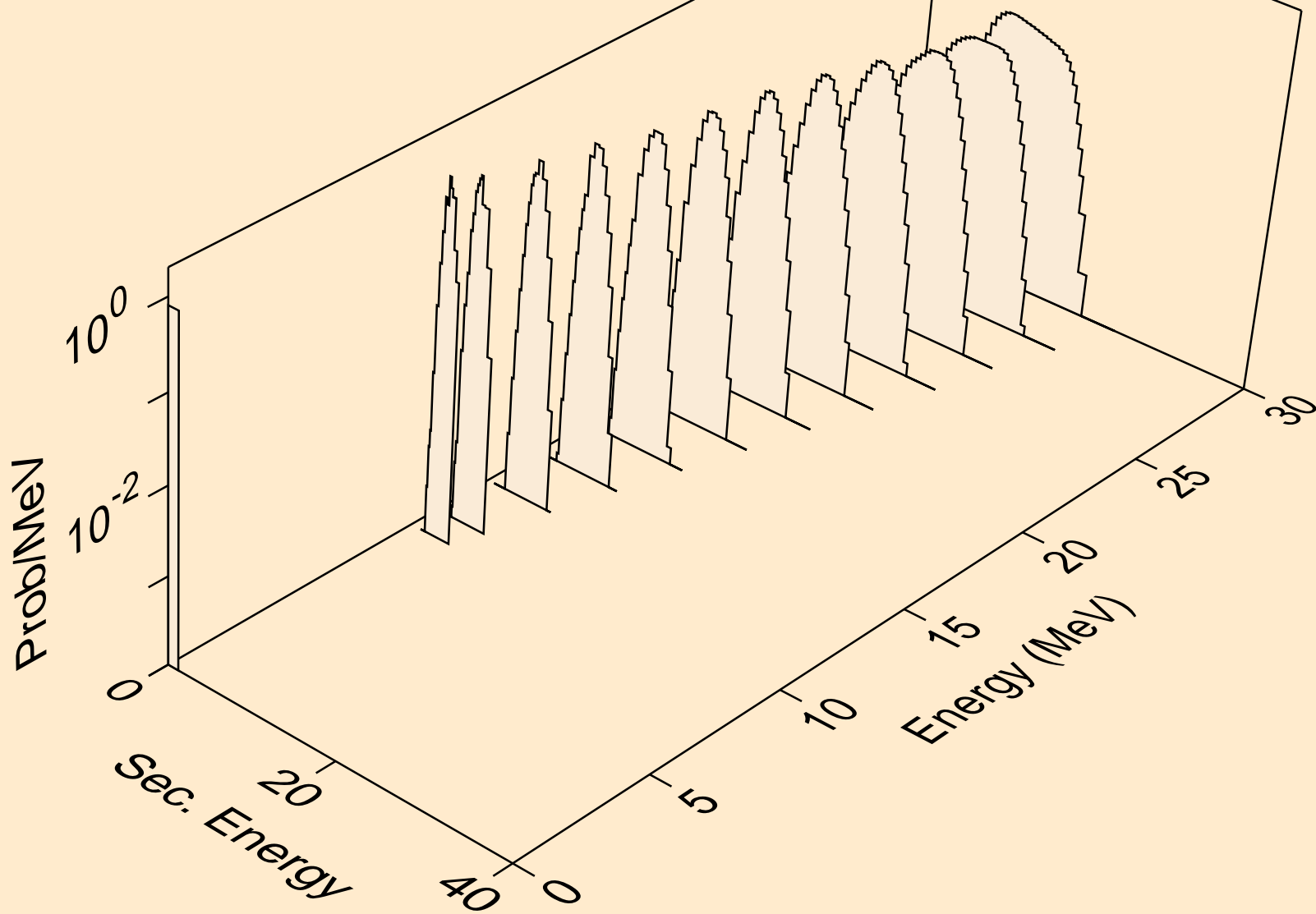
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)



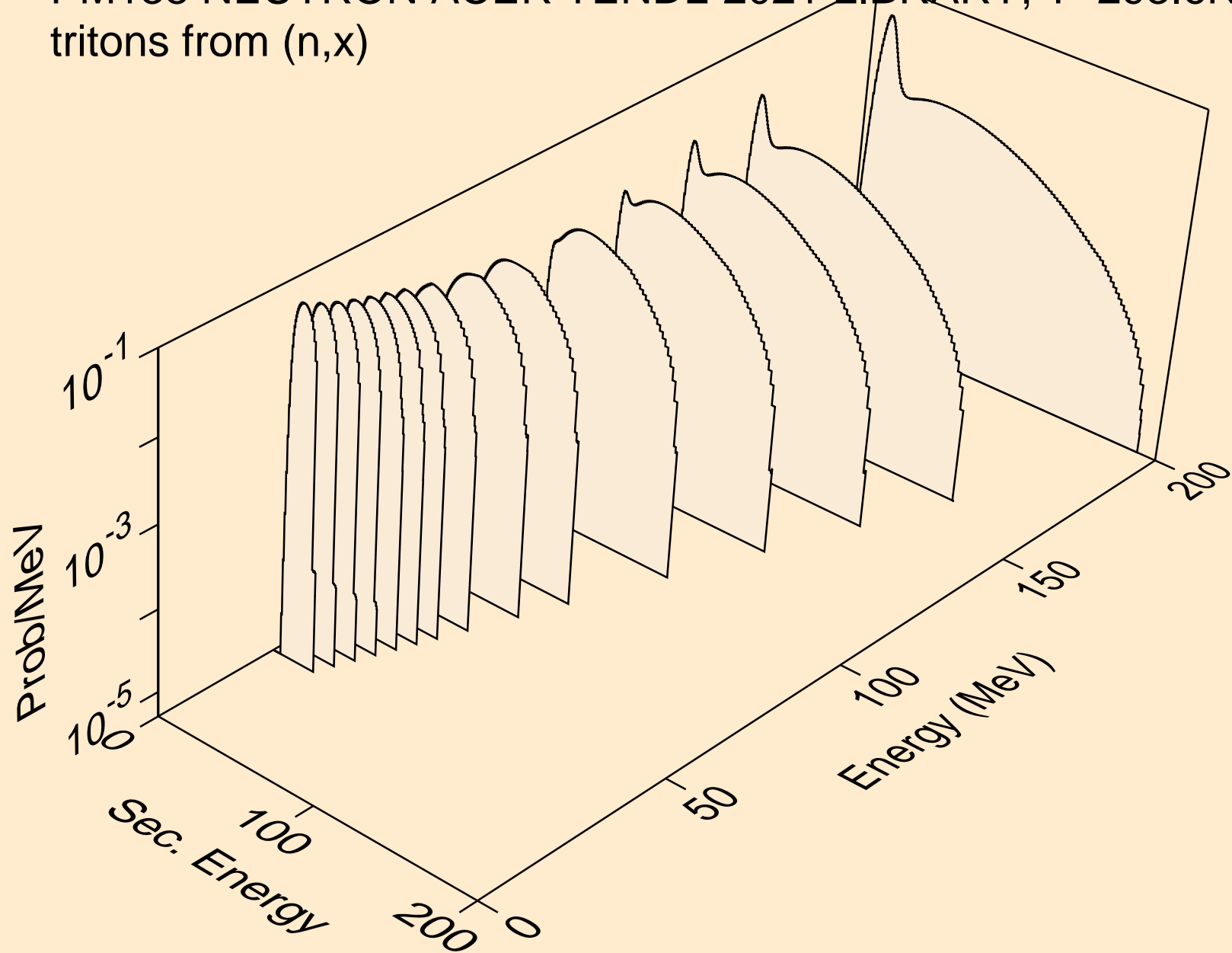
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



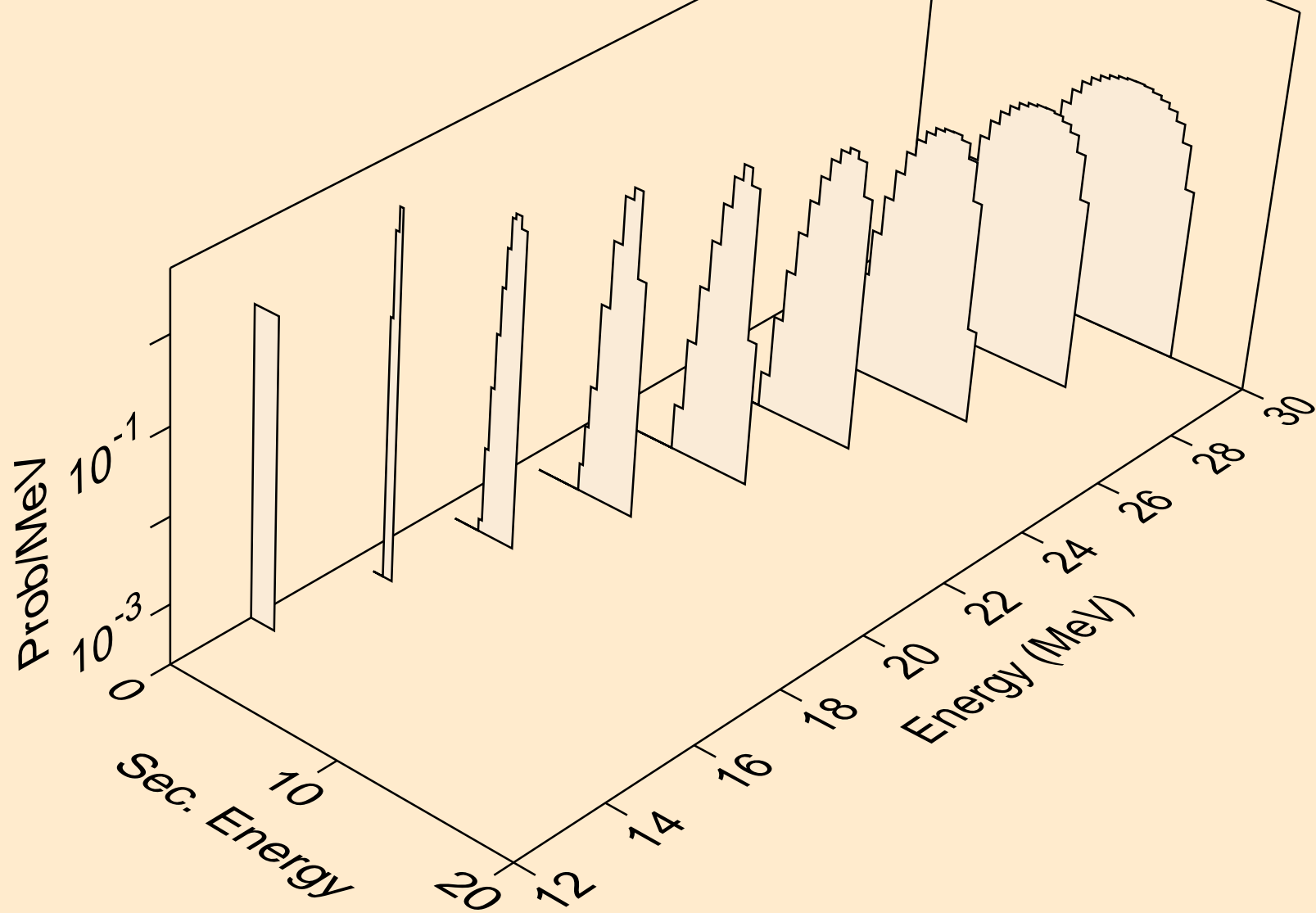
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

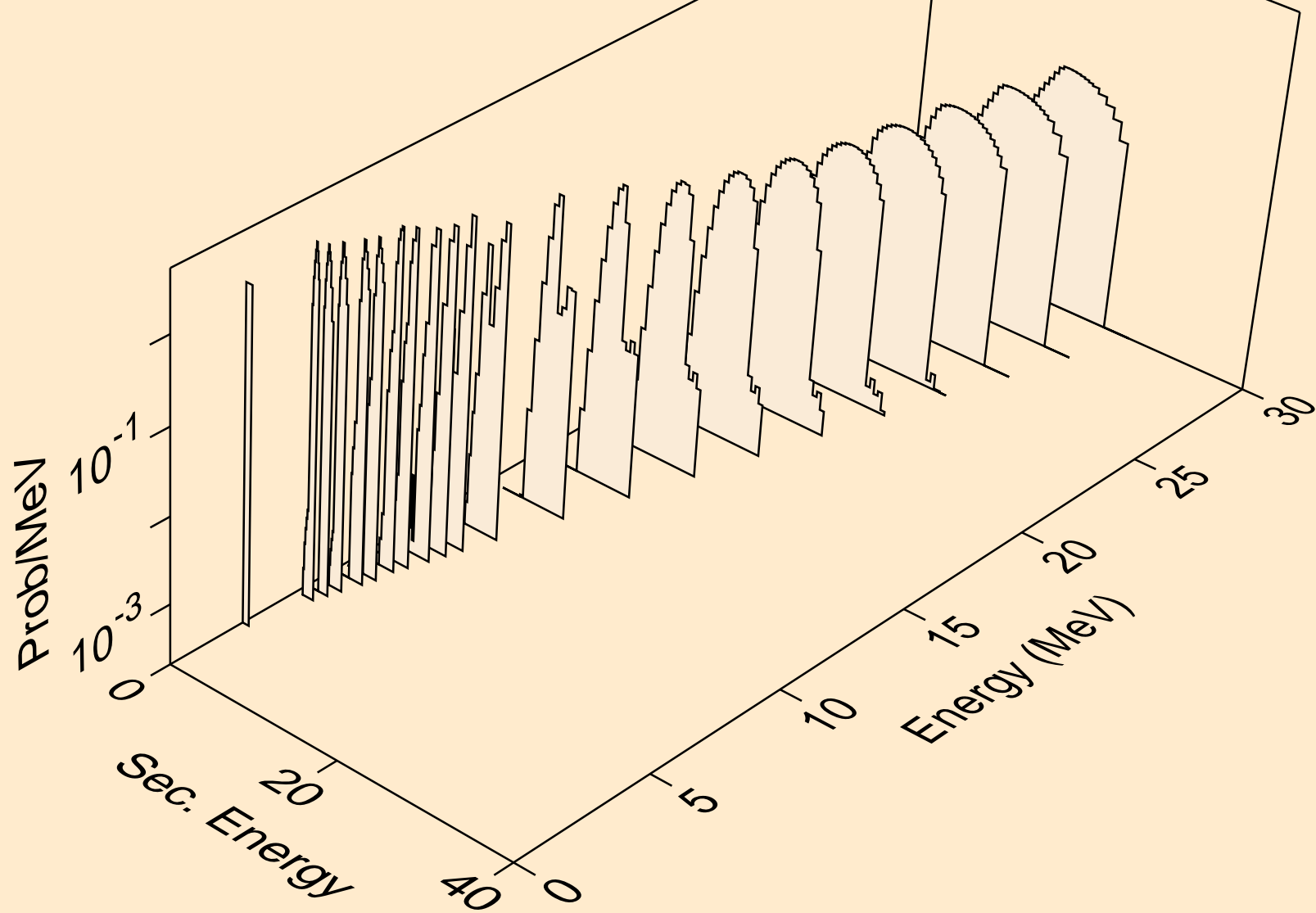


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t

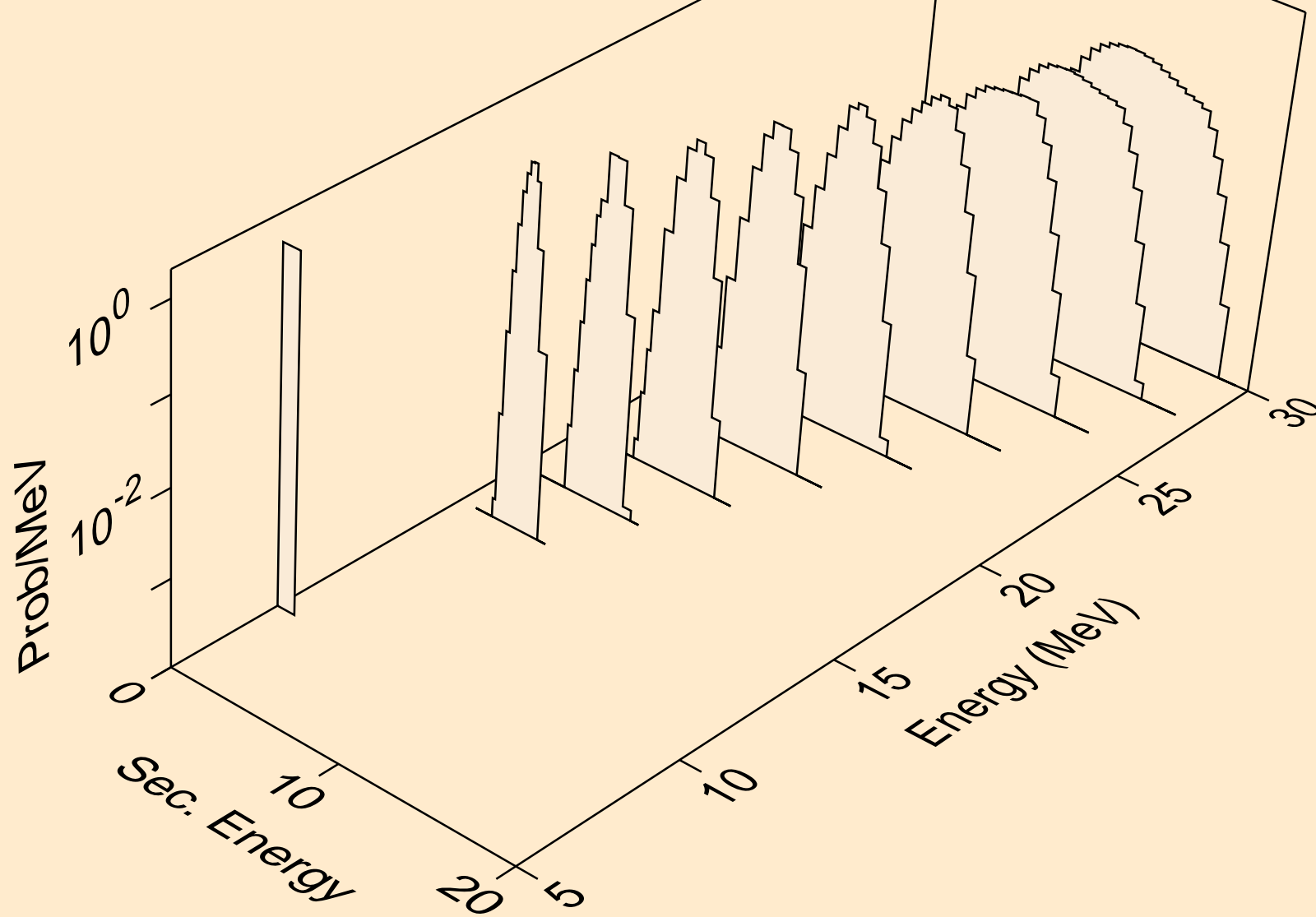




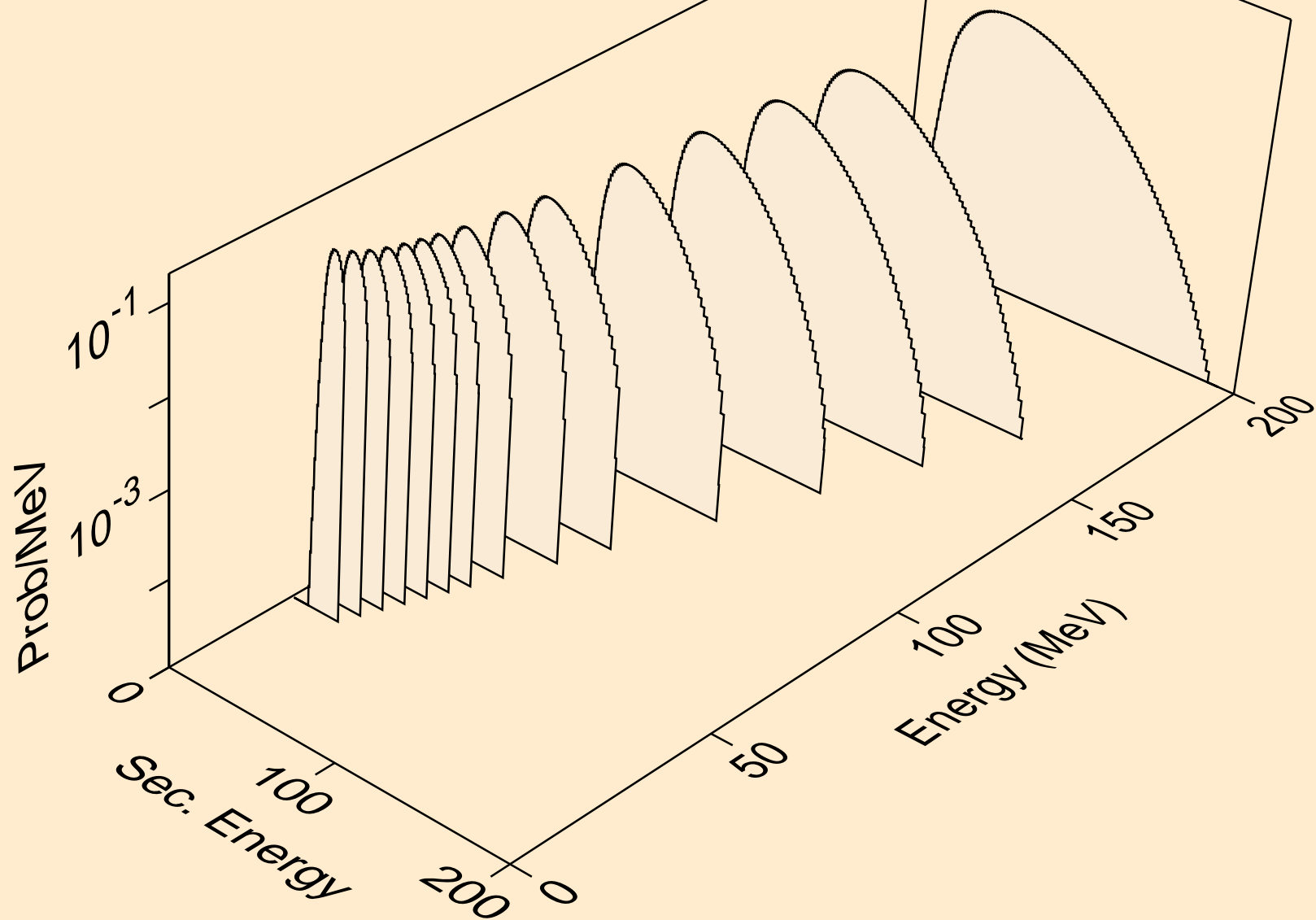
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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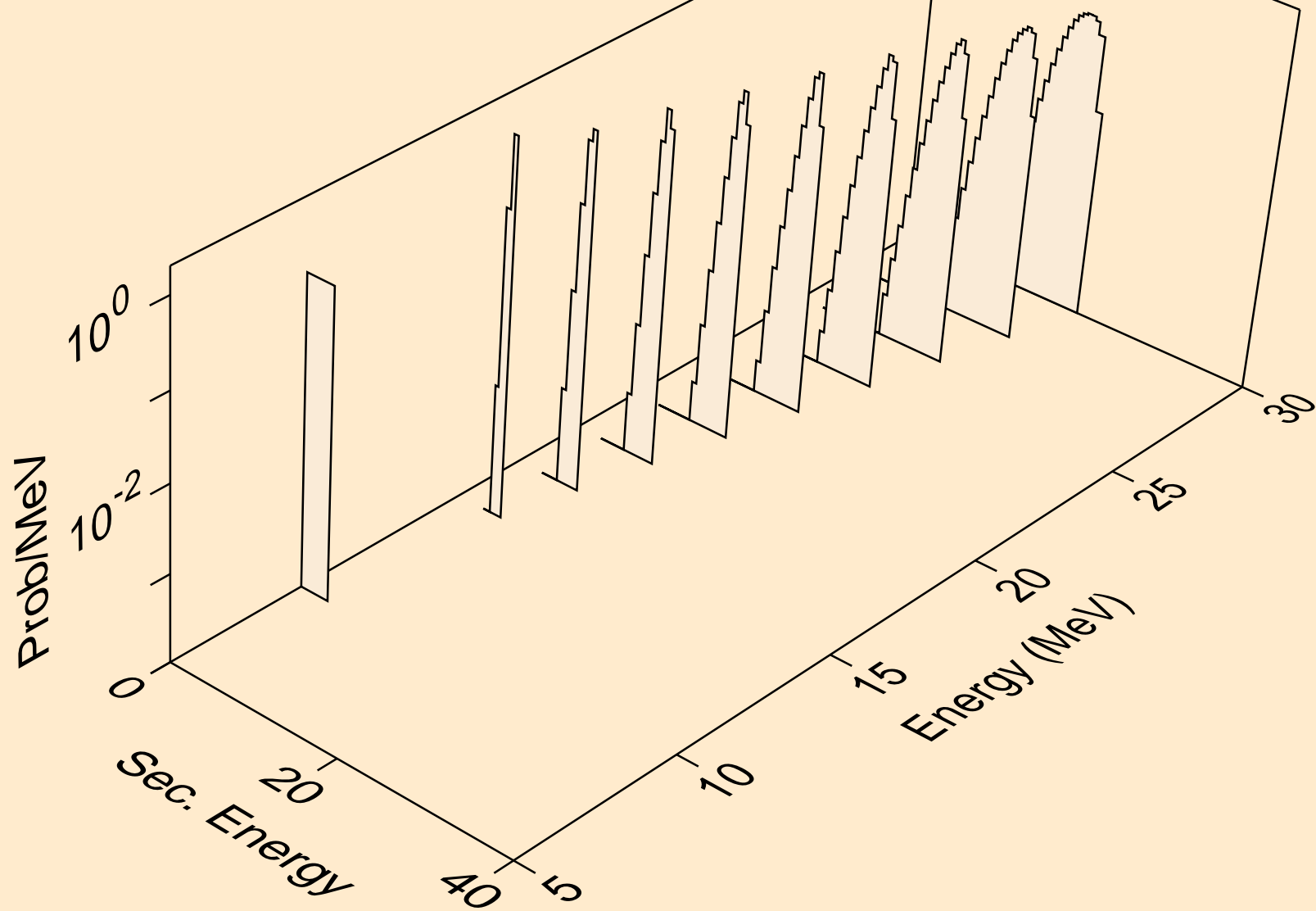
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)



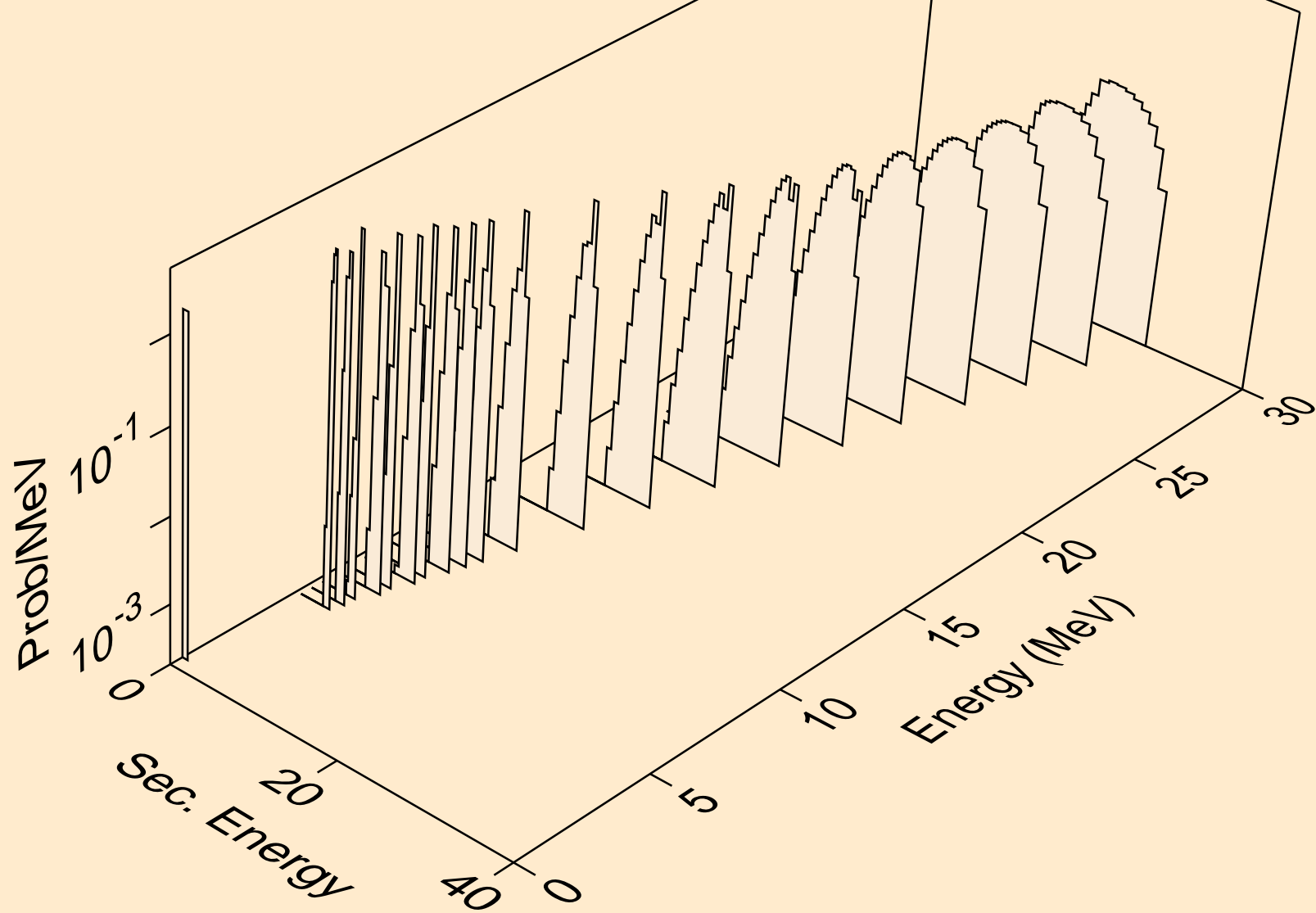
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



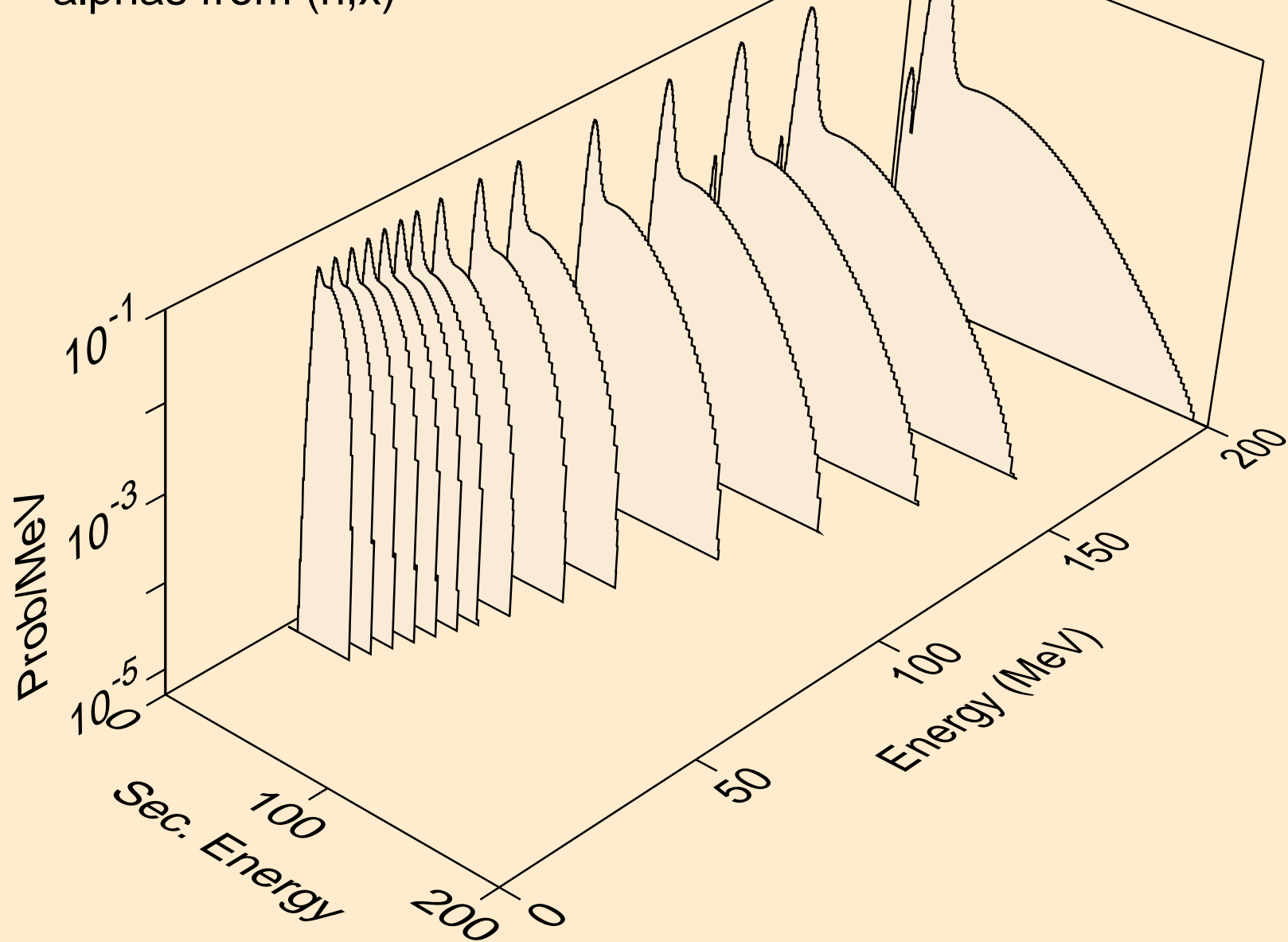
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
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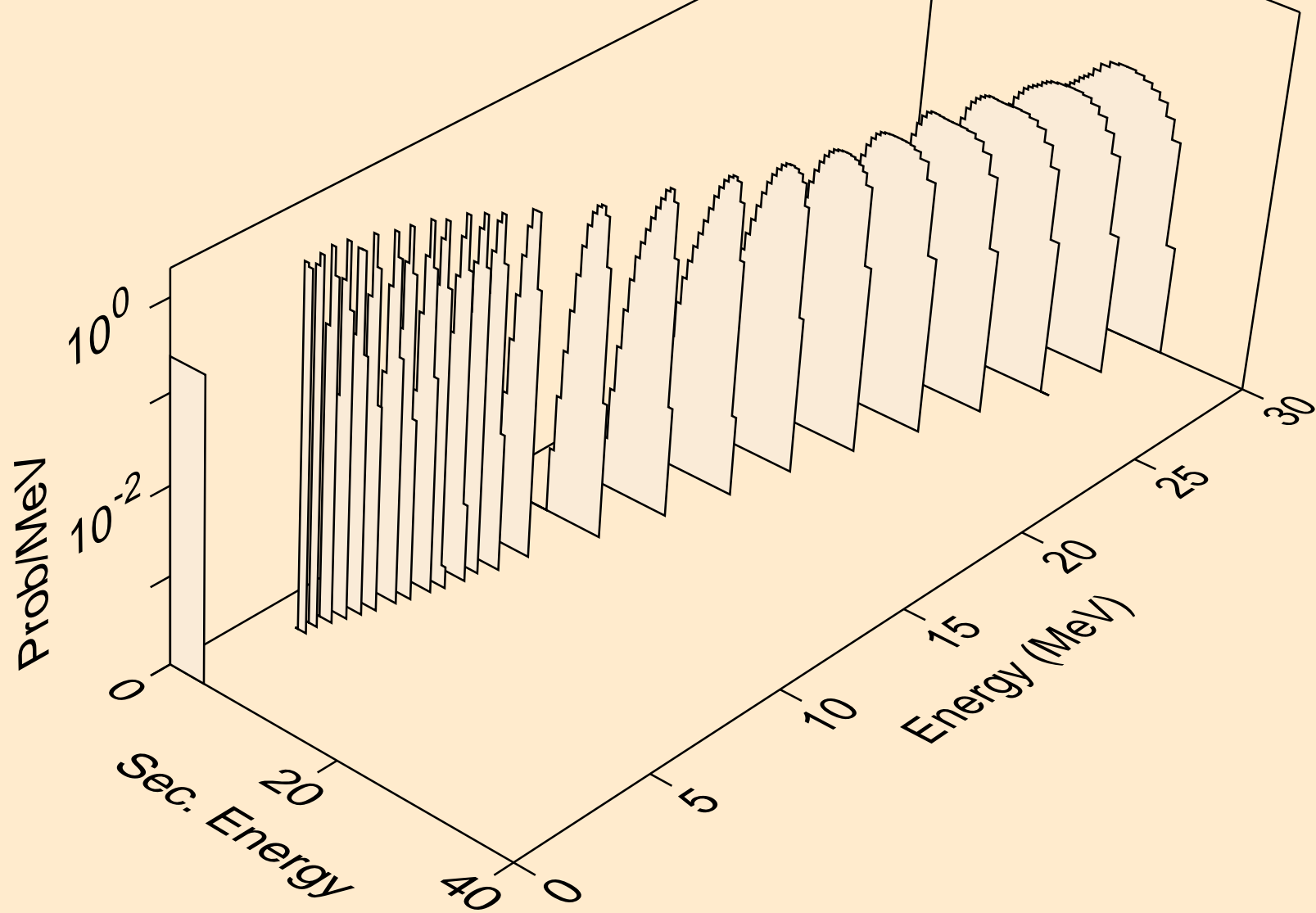
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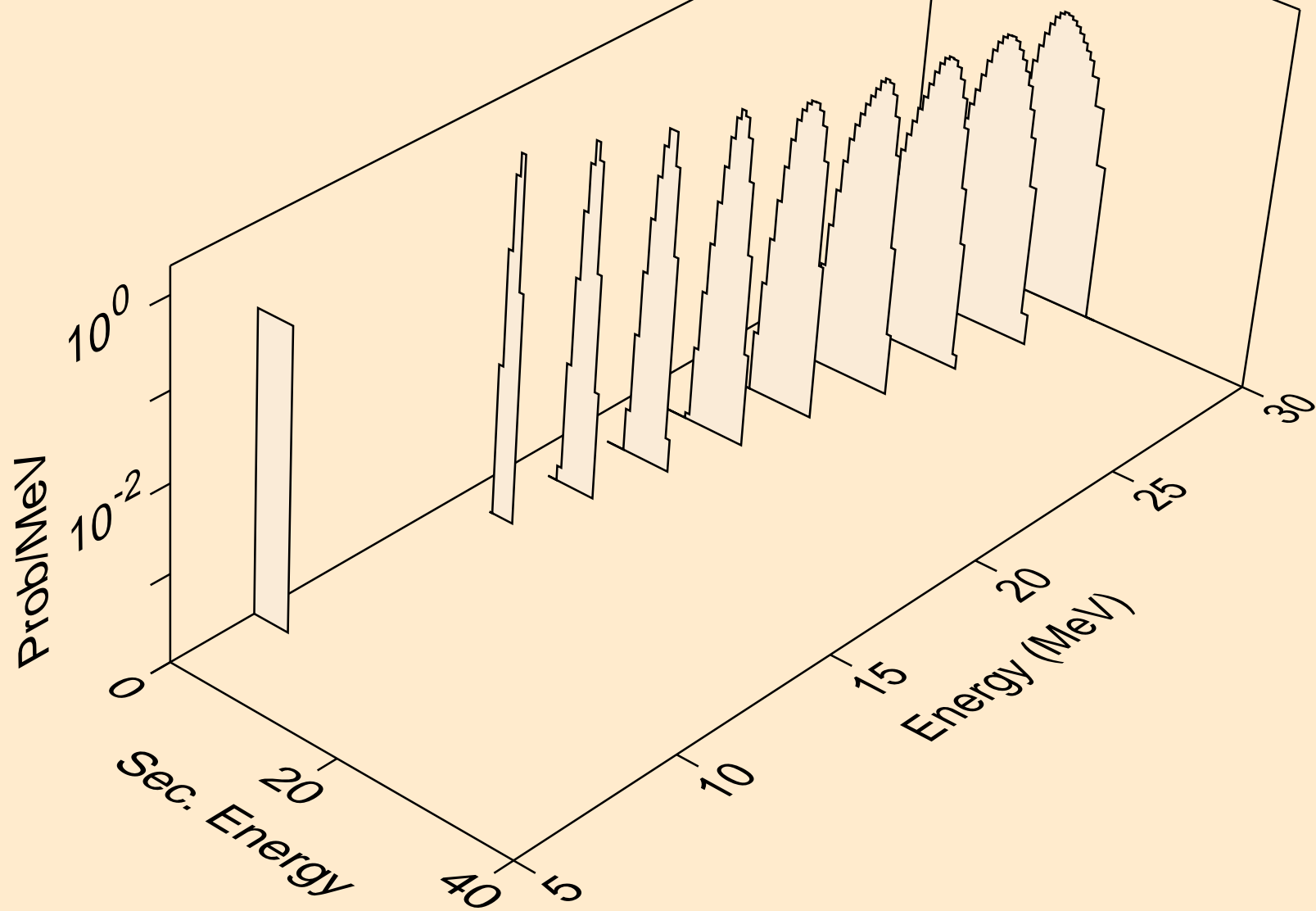
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

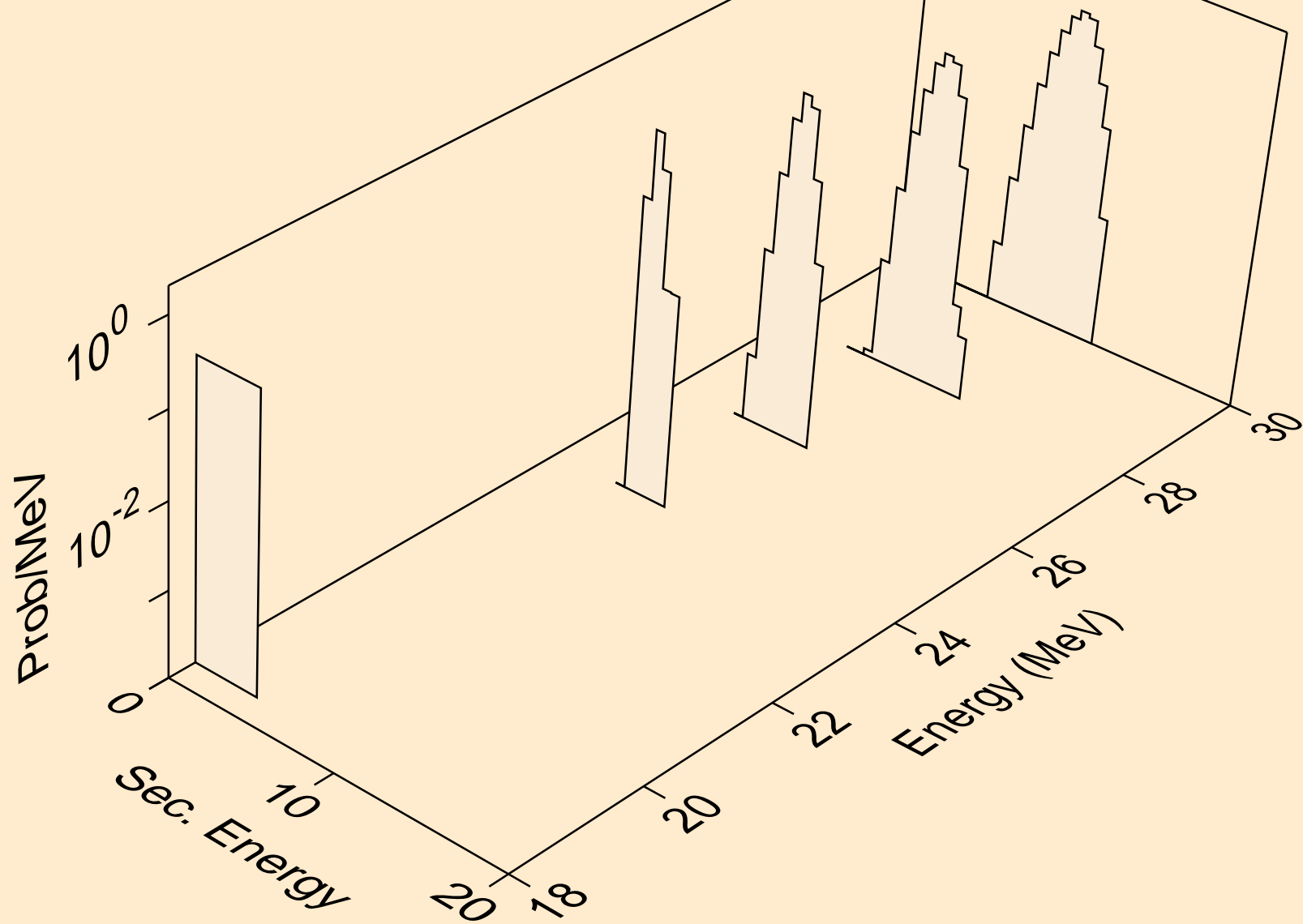


PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a

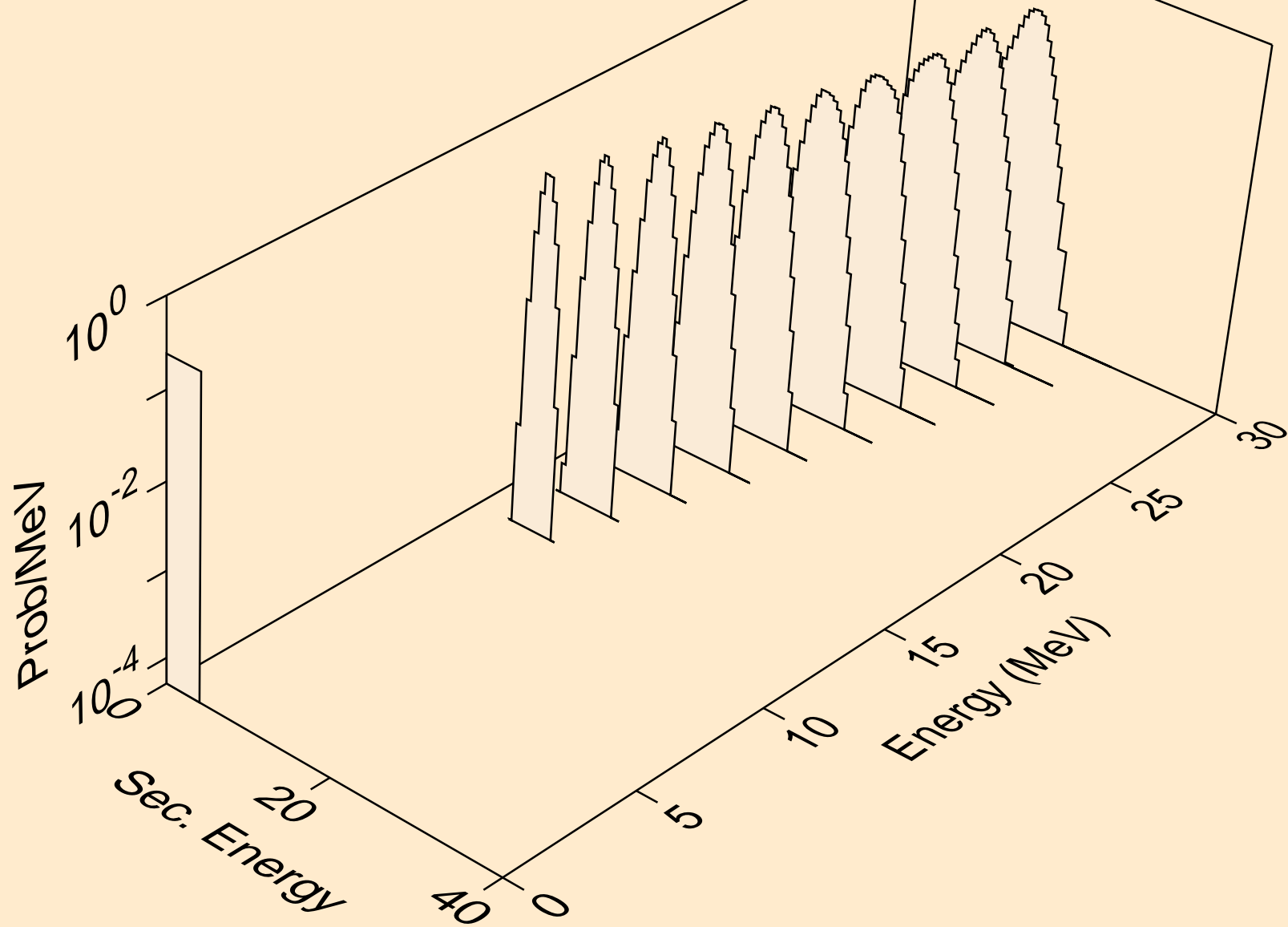




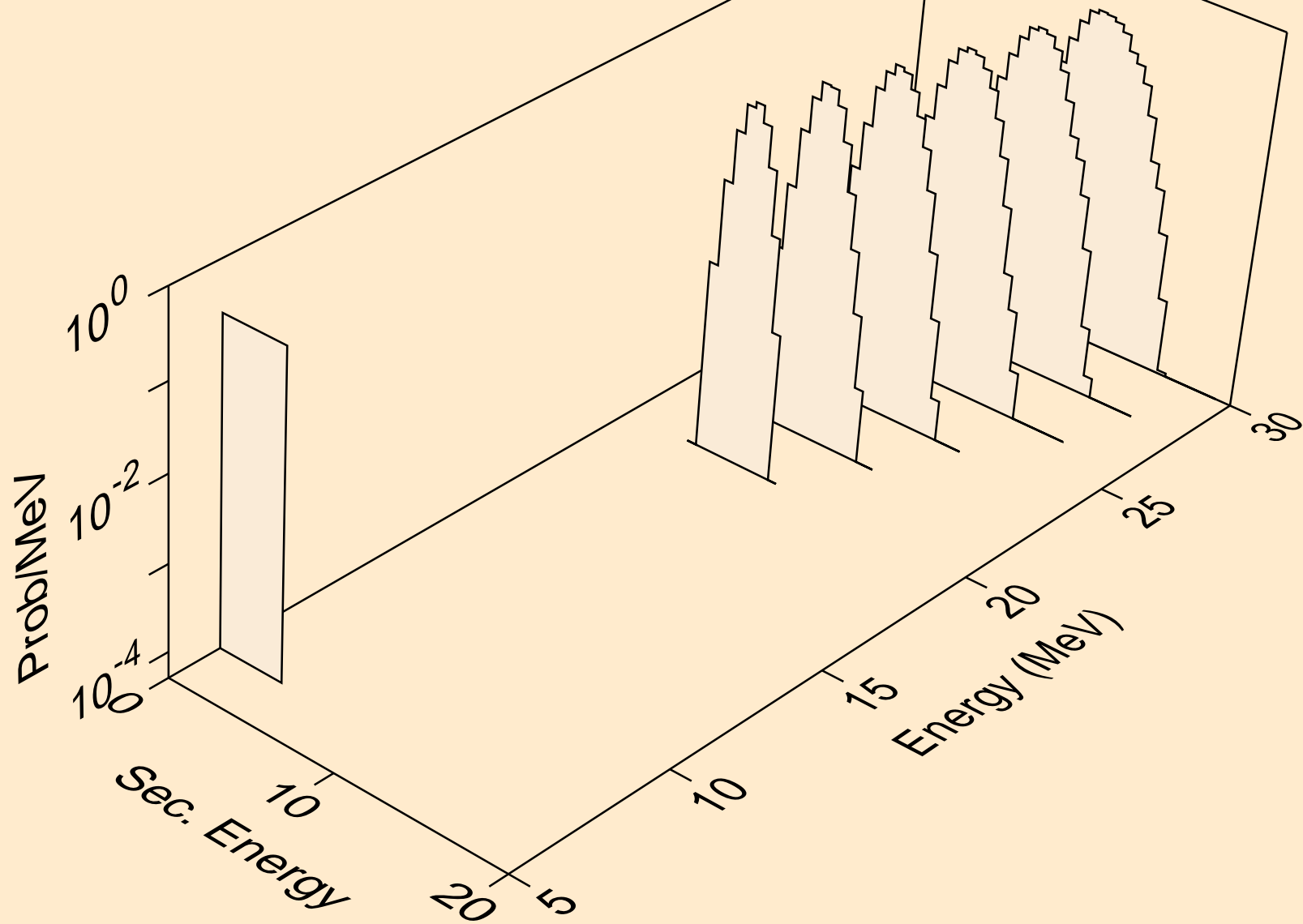
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



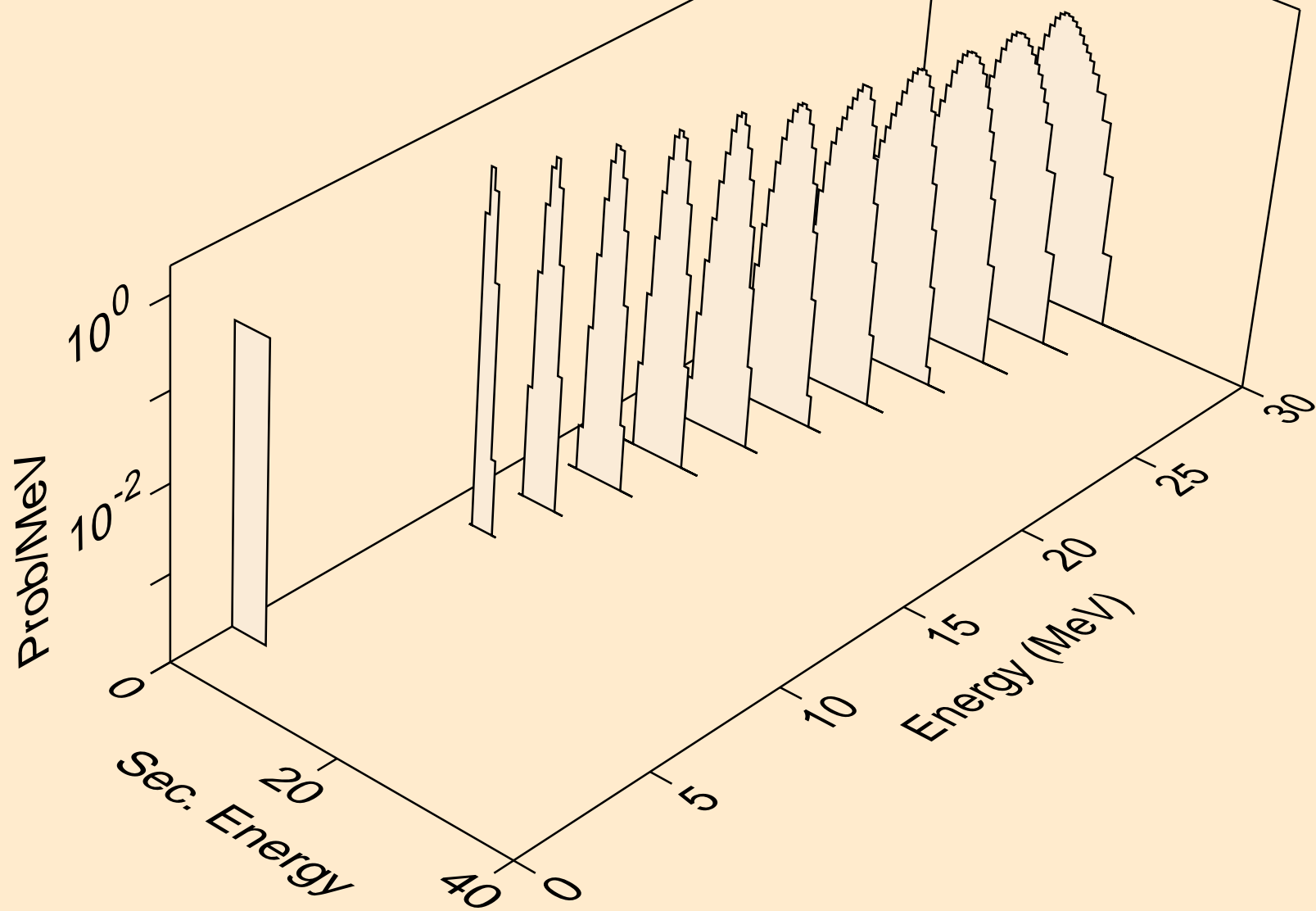
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



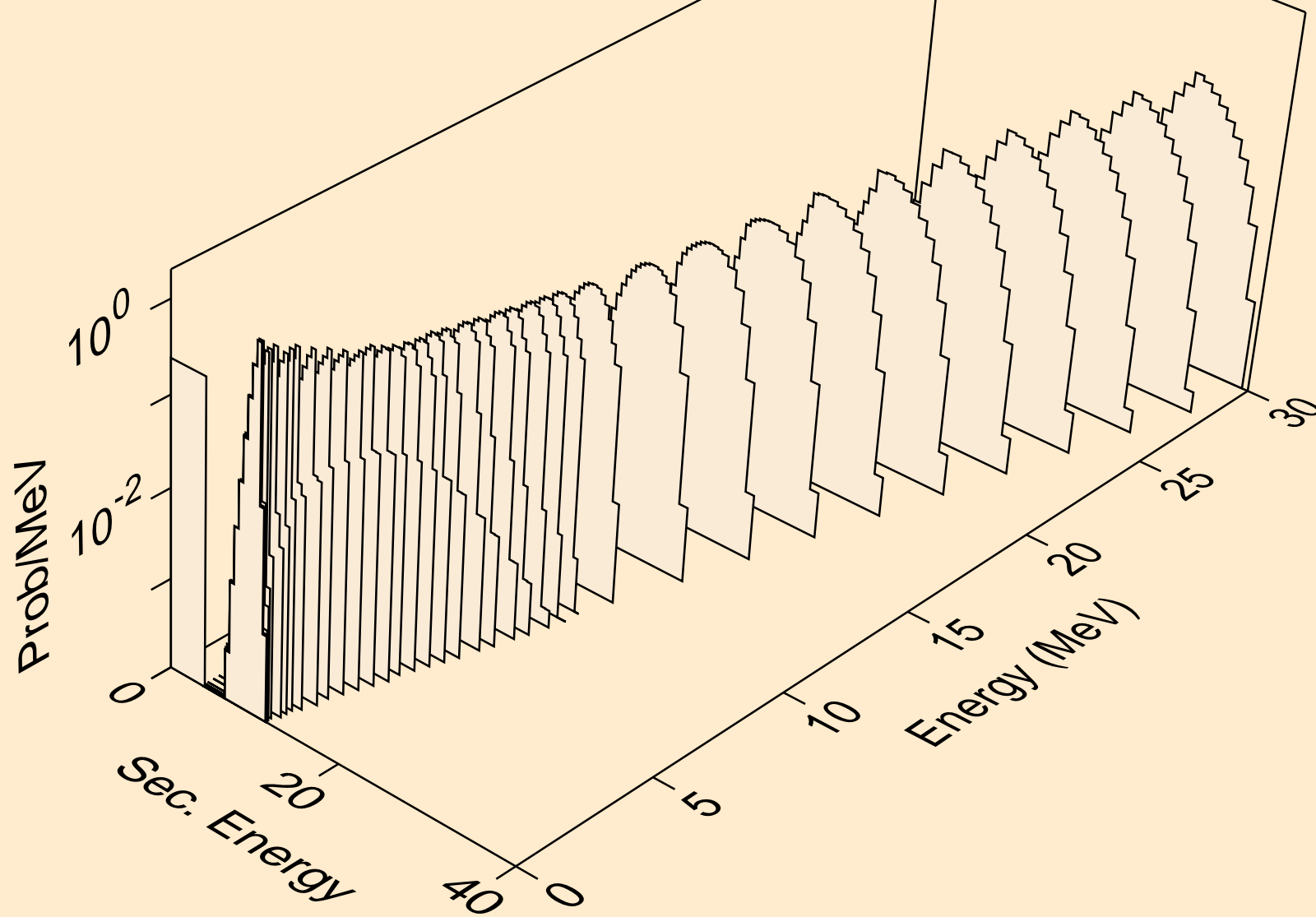
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



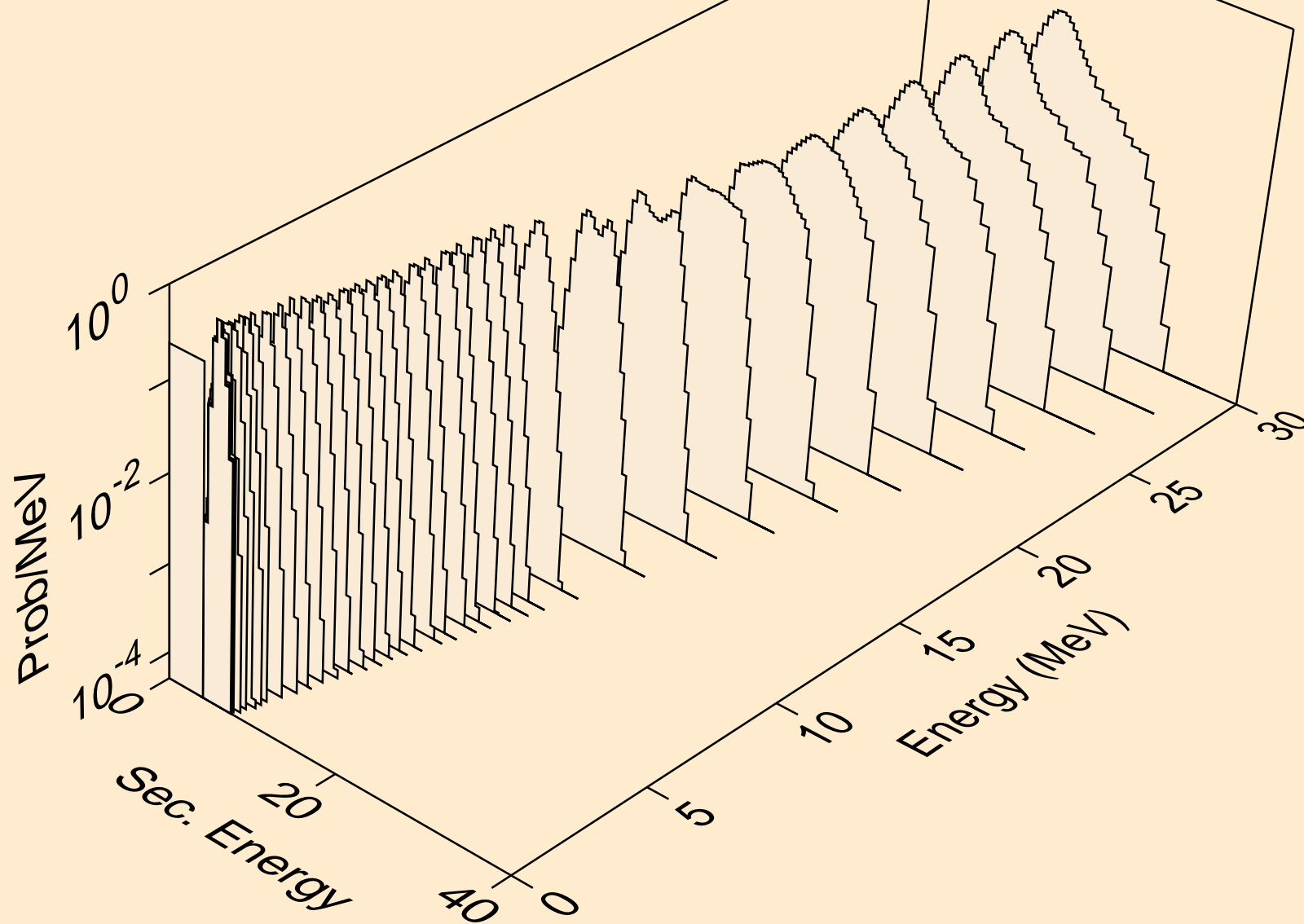
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



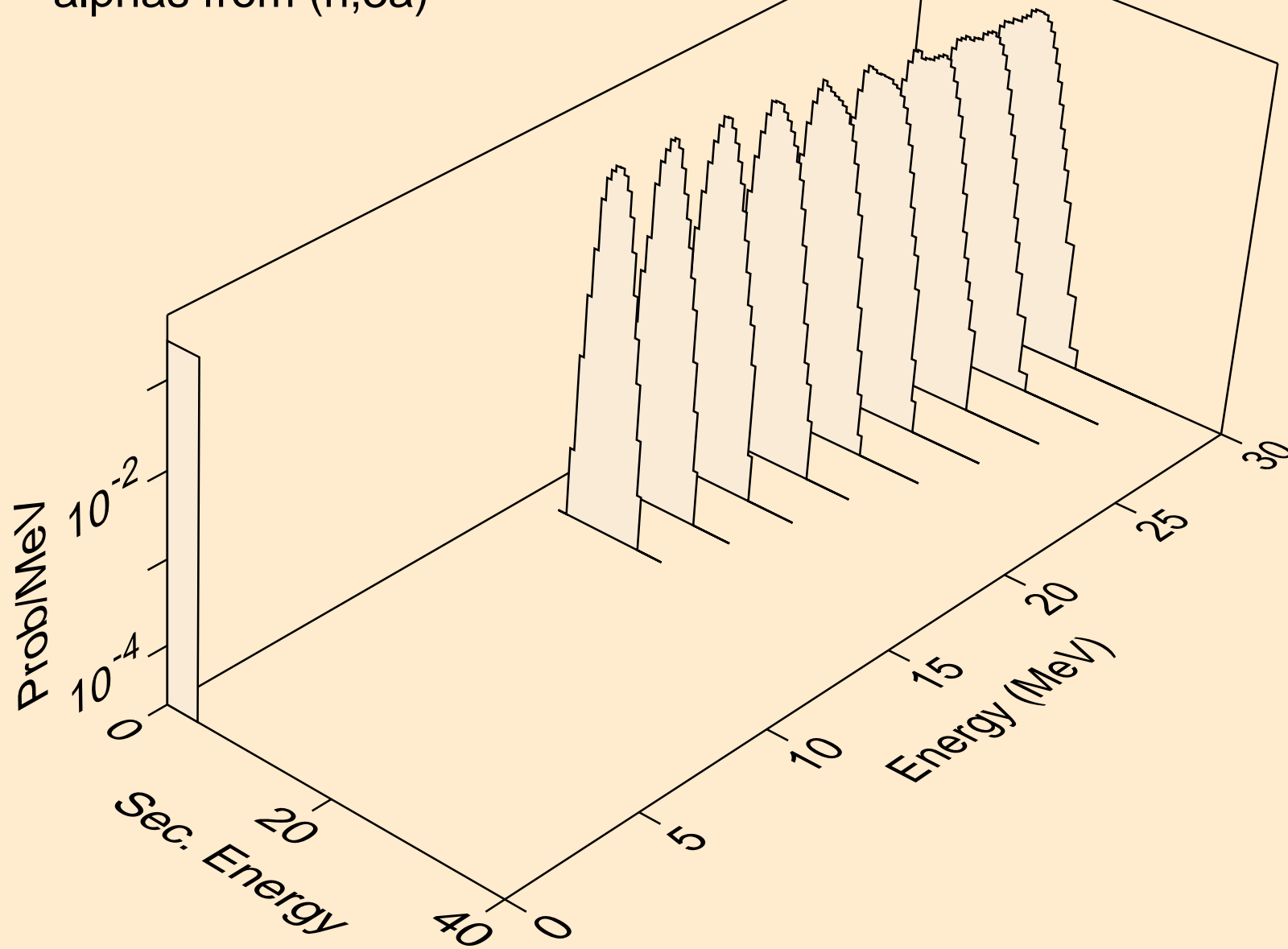
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alphas from (n,a)



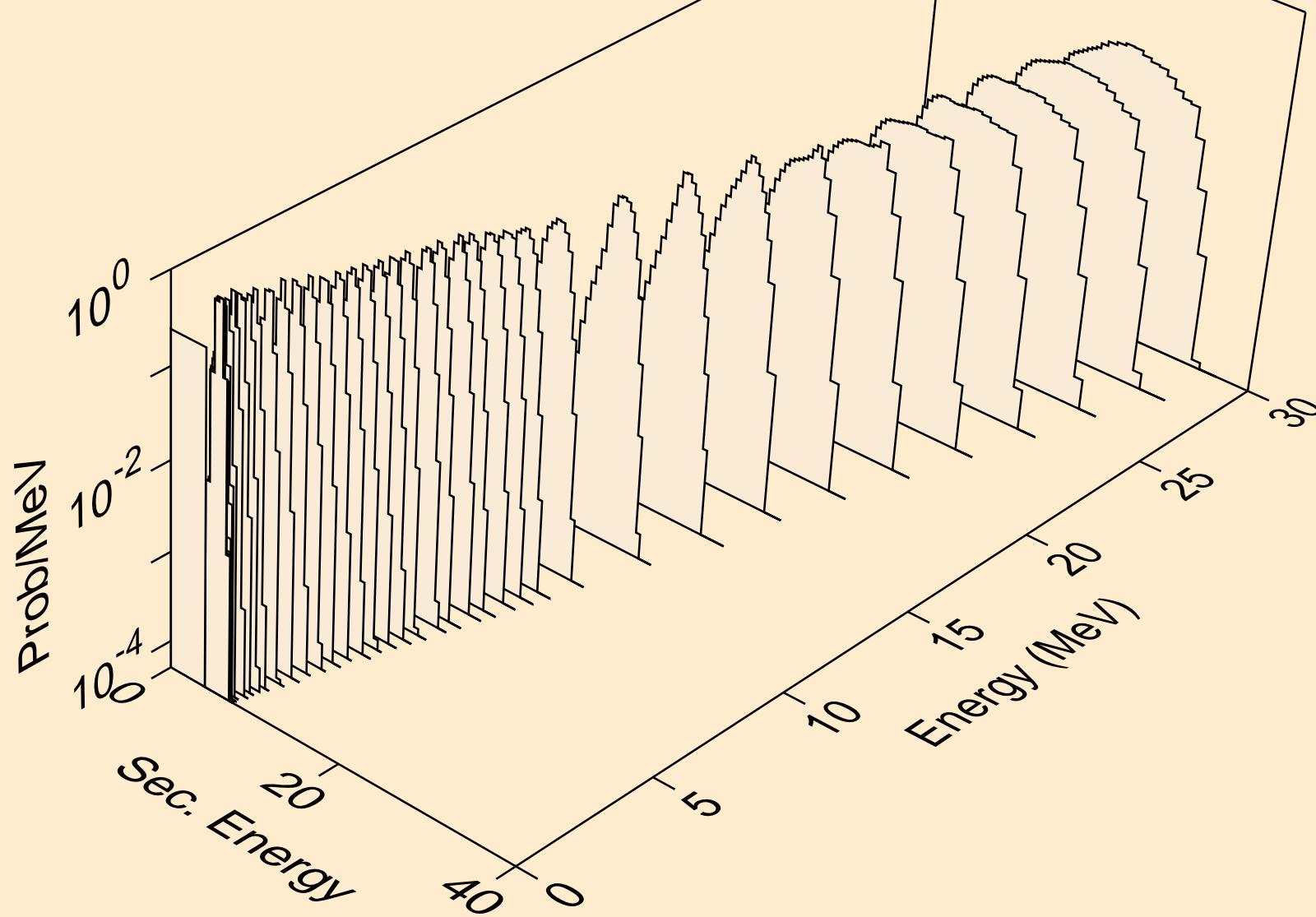
PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)





PM138 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

