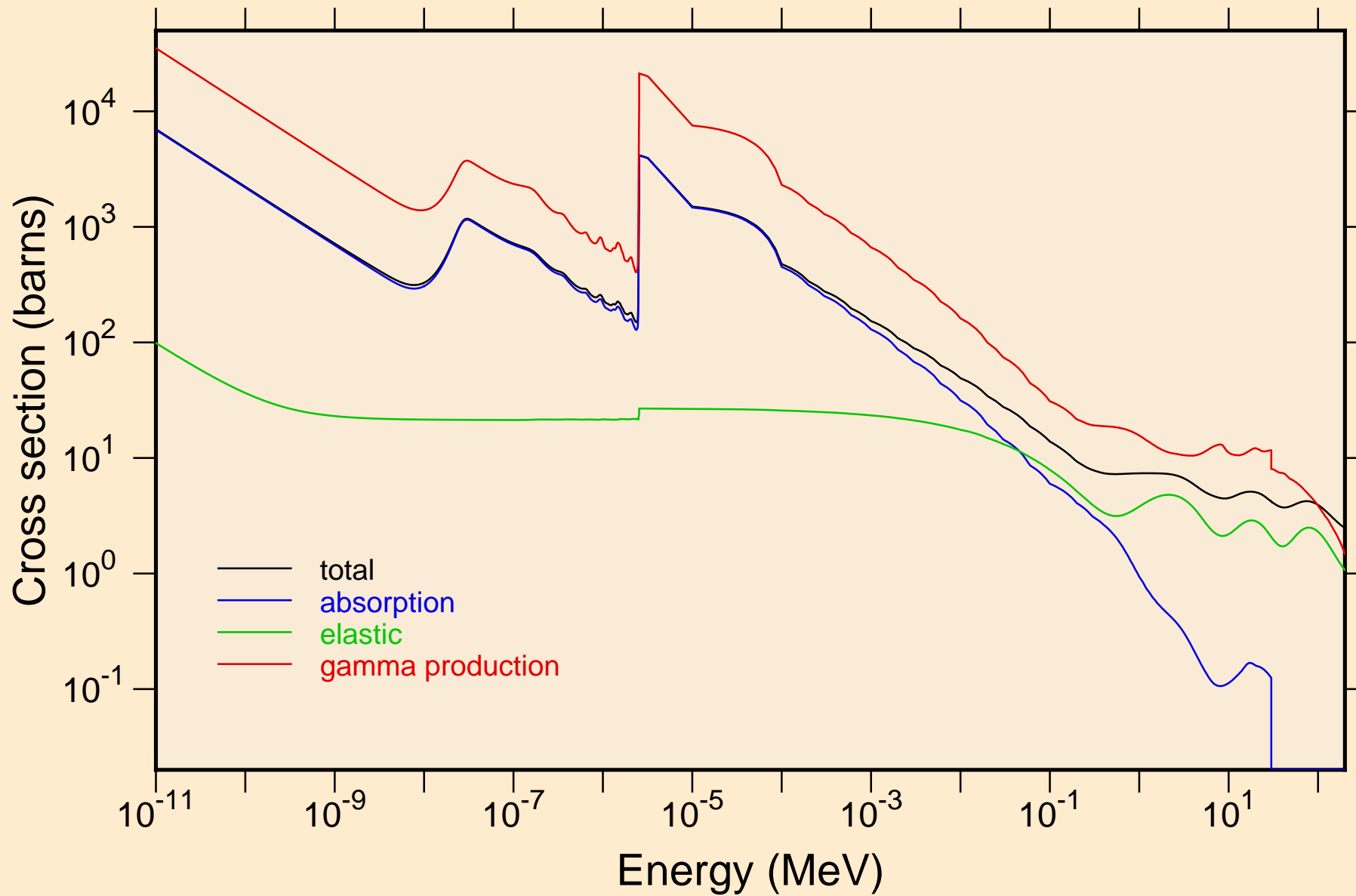
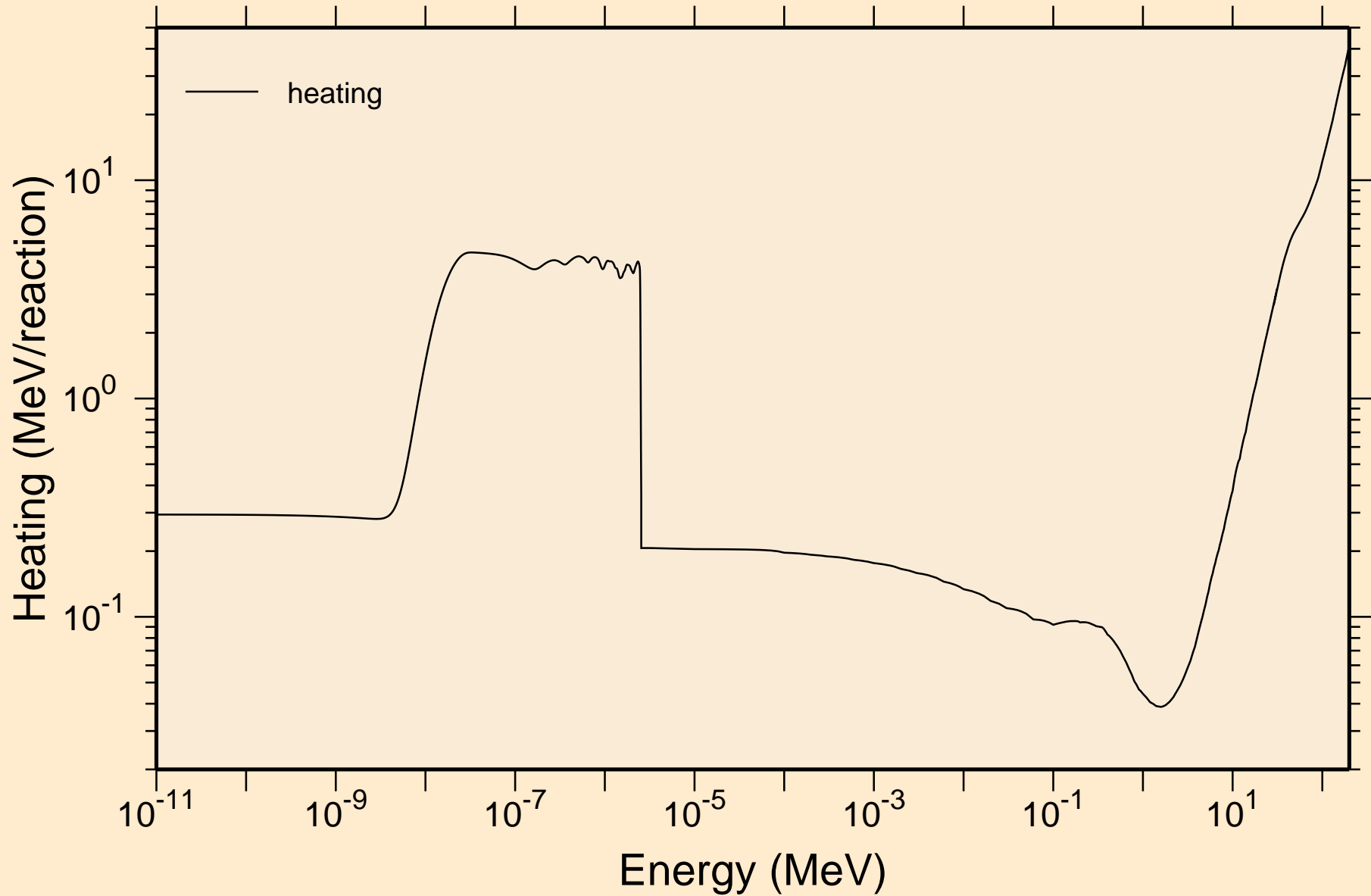


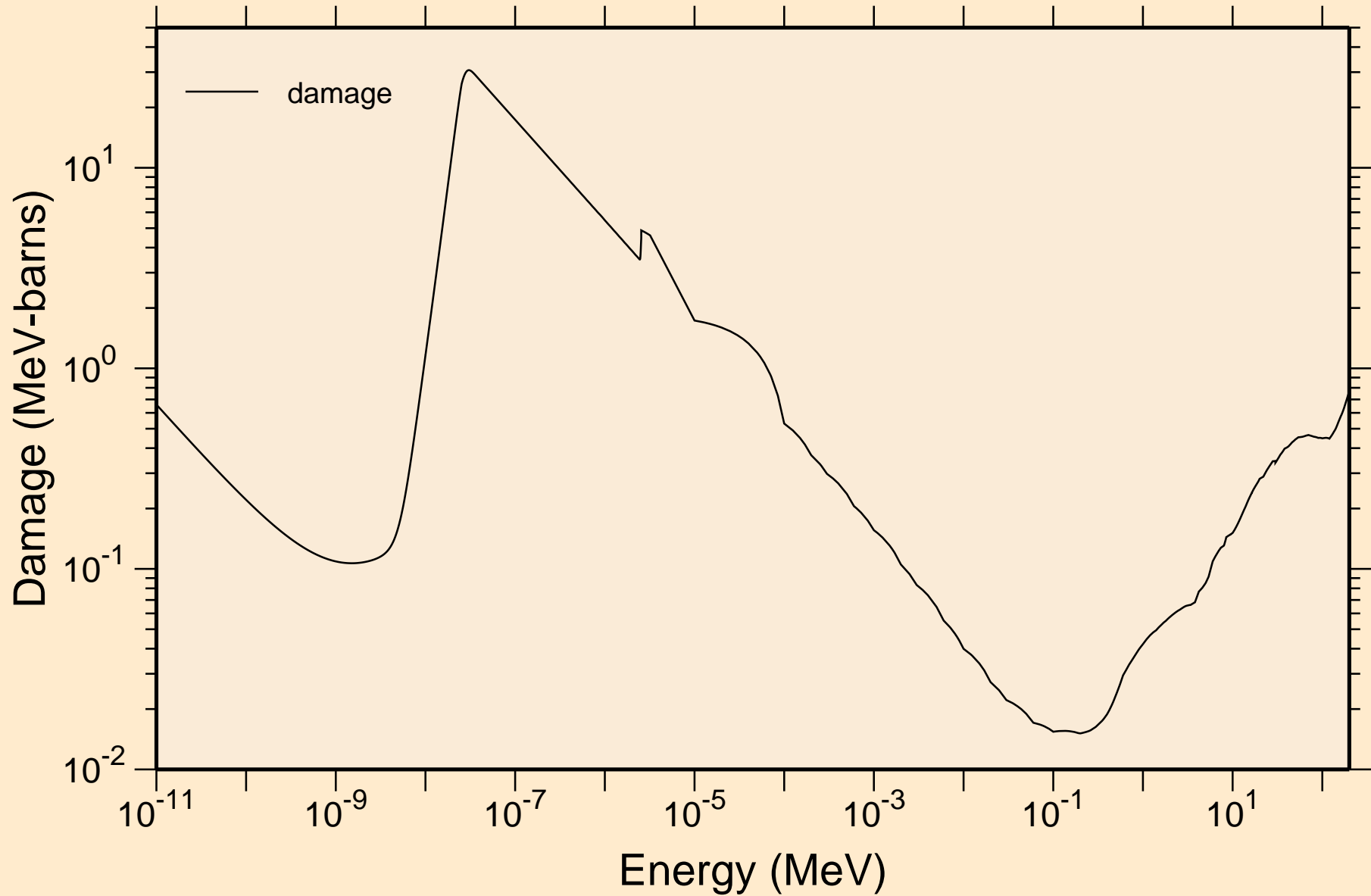
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



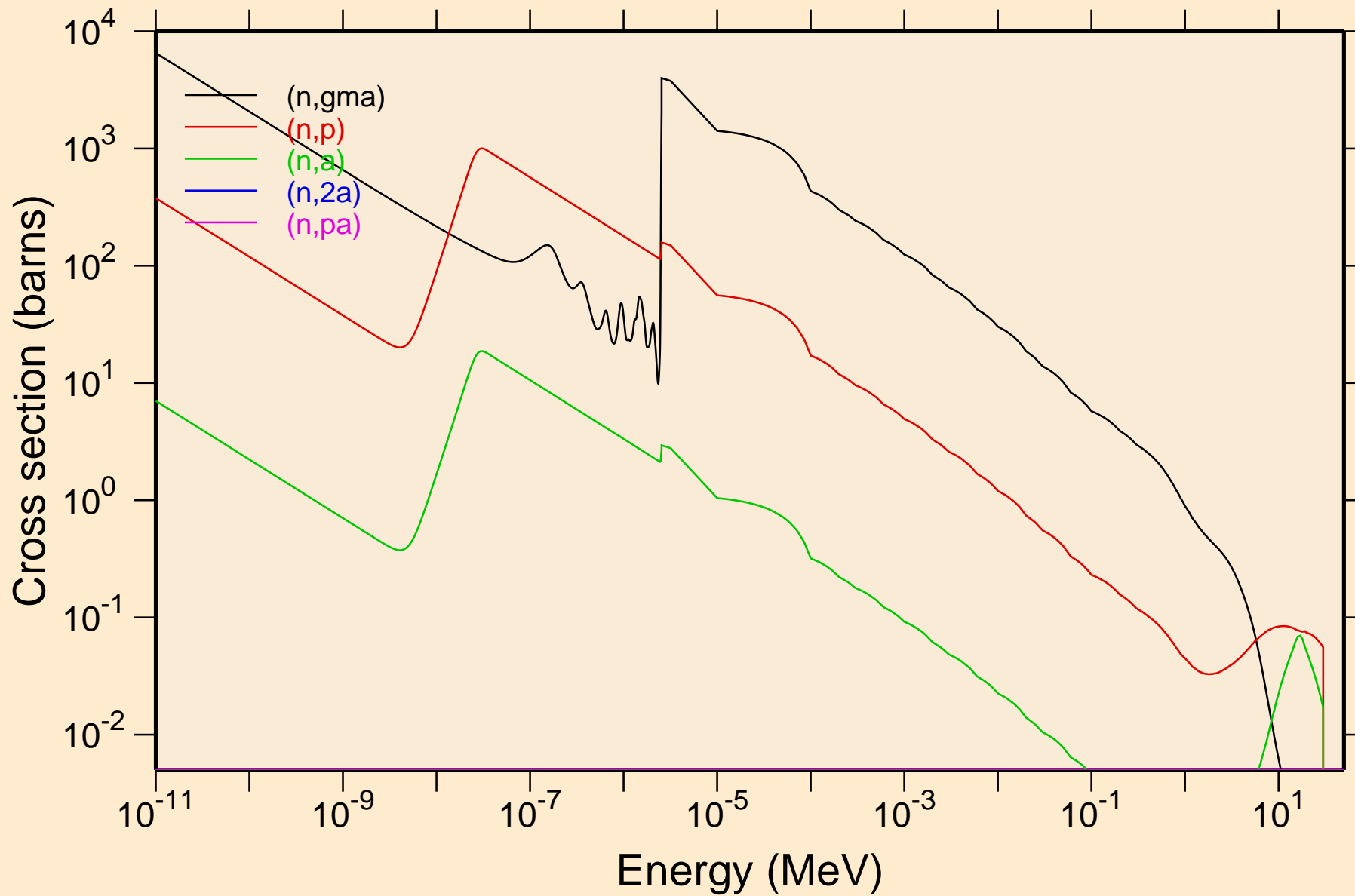
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



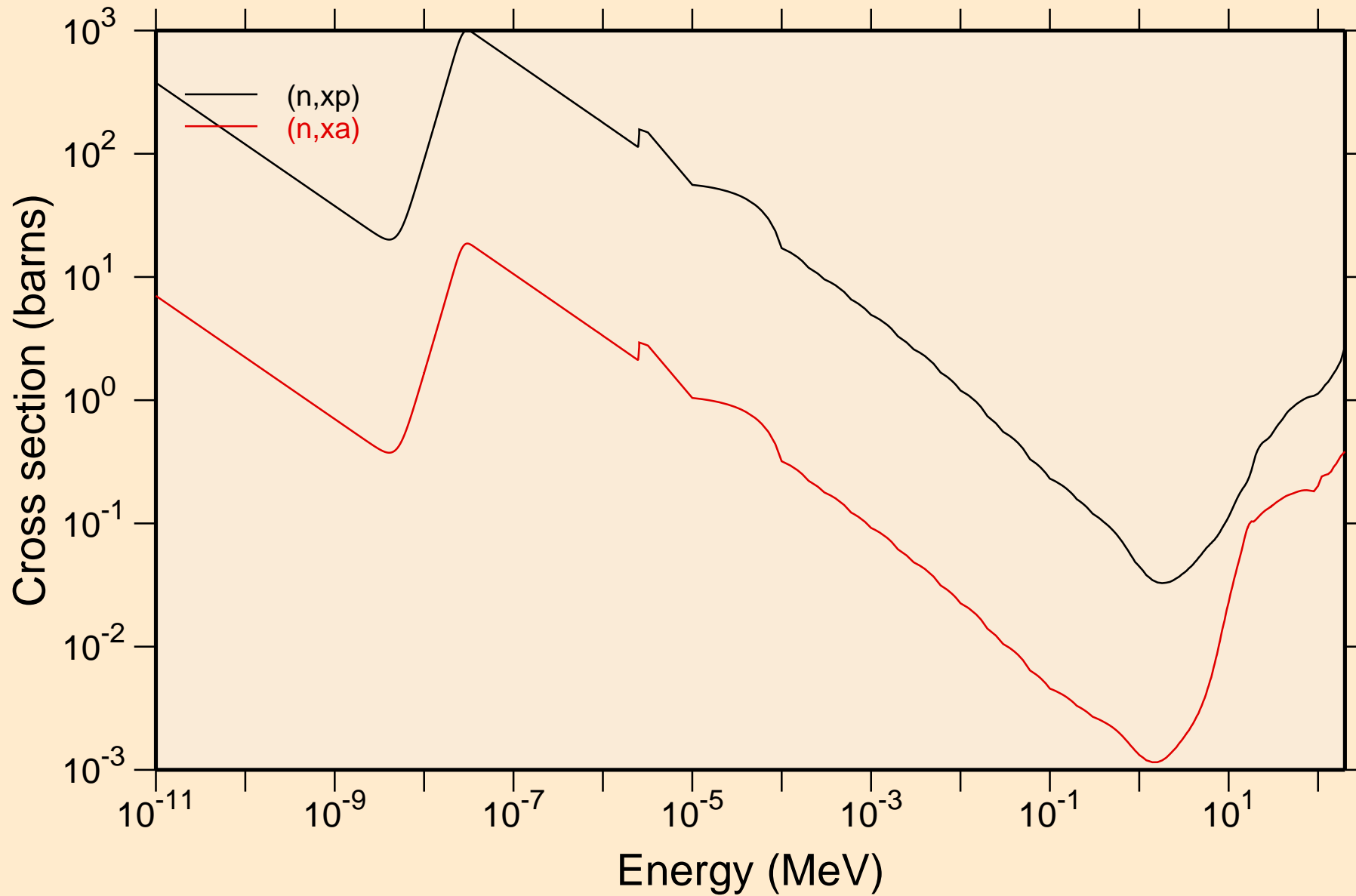
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



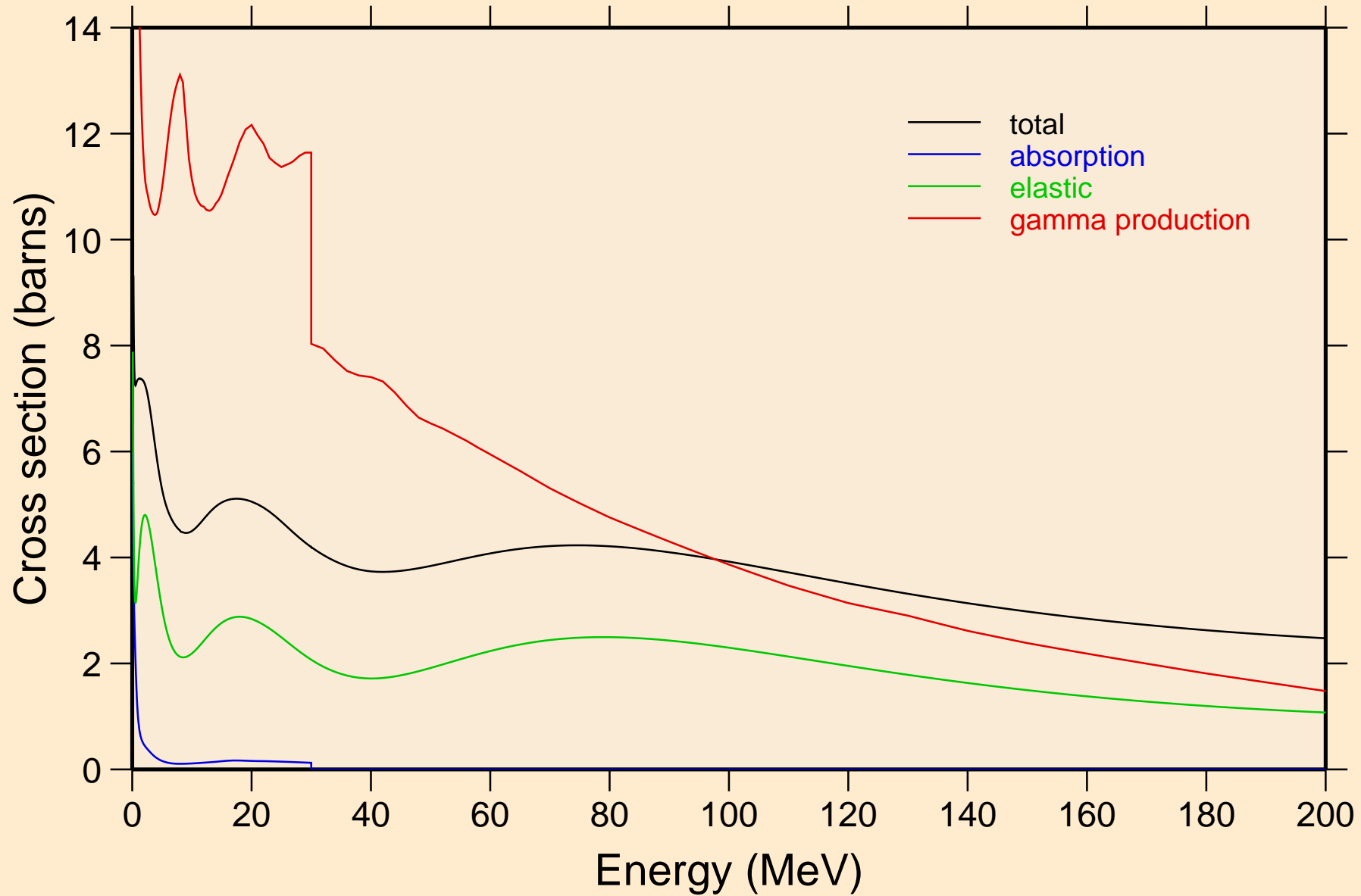
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



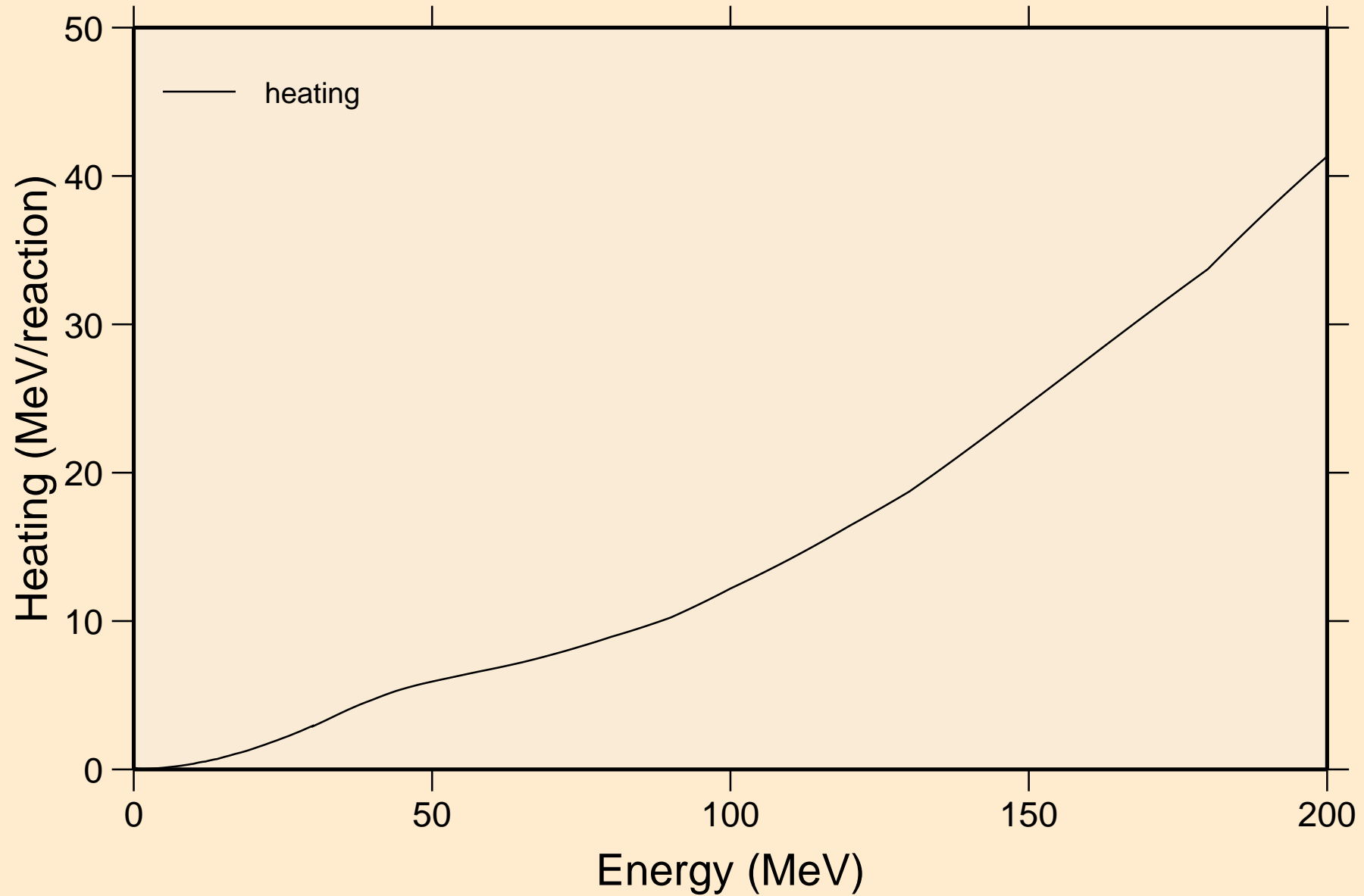
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



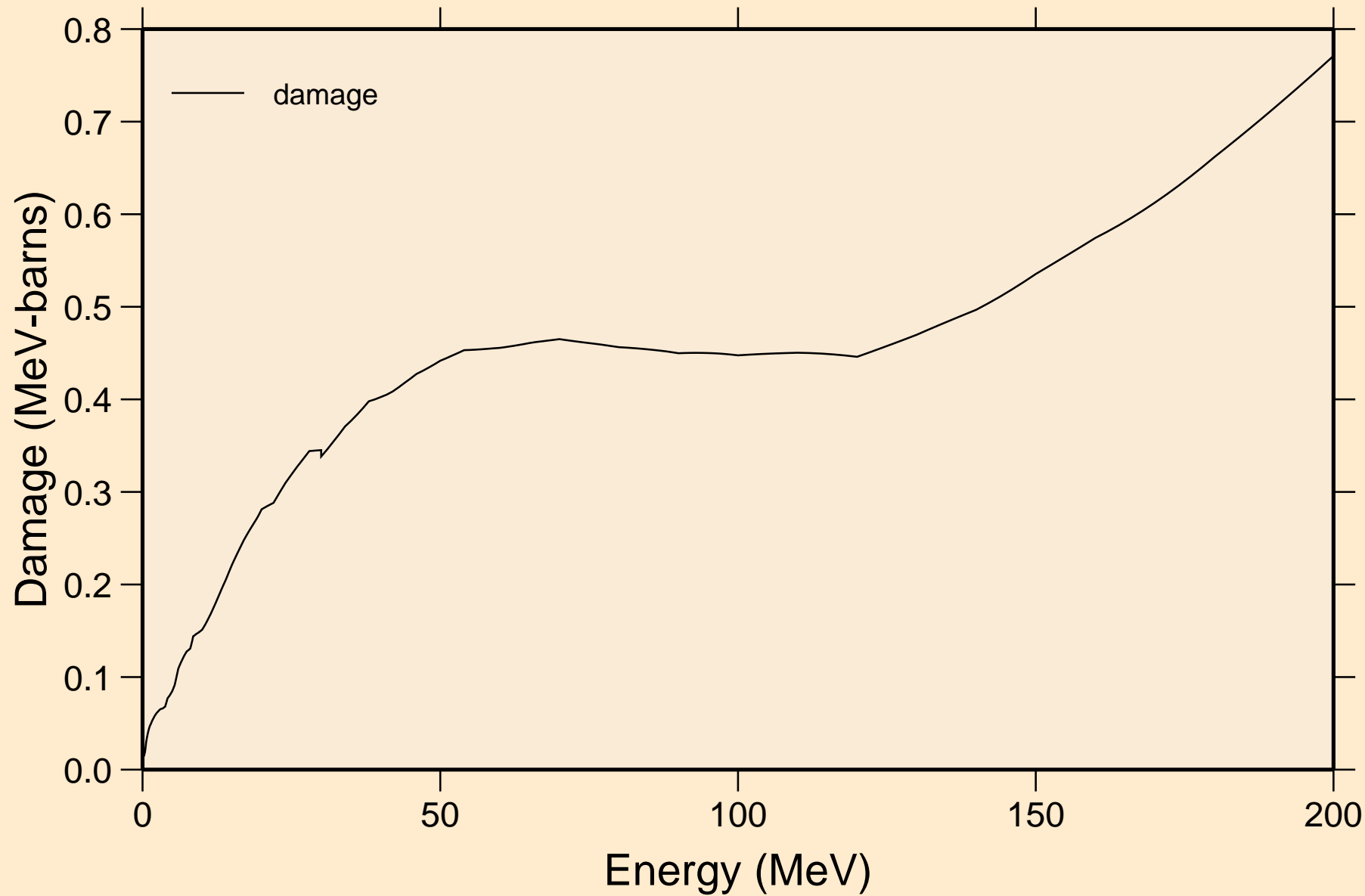
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

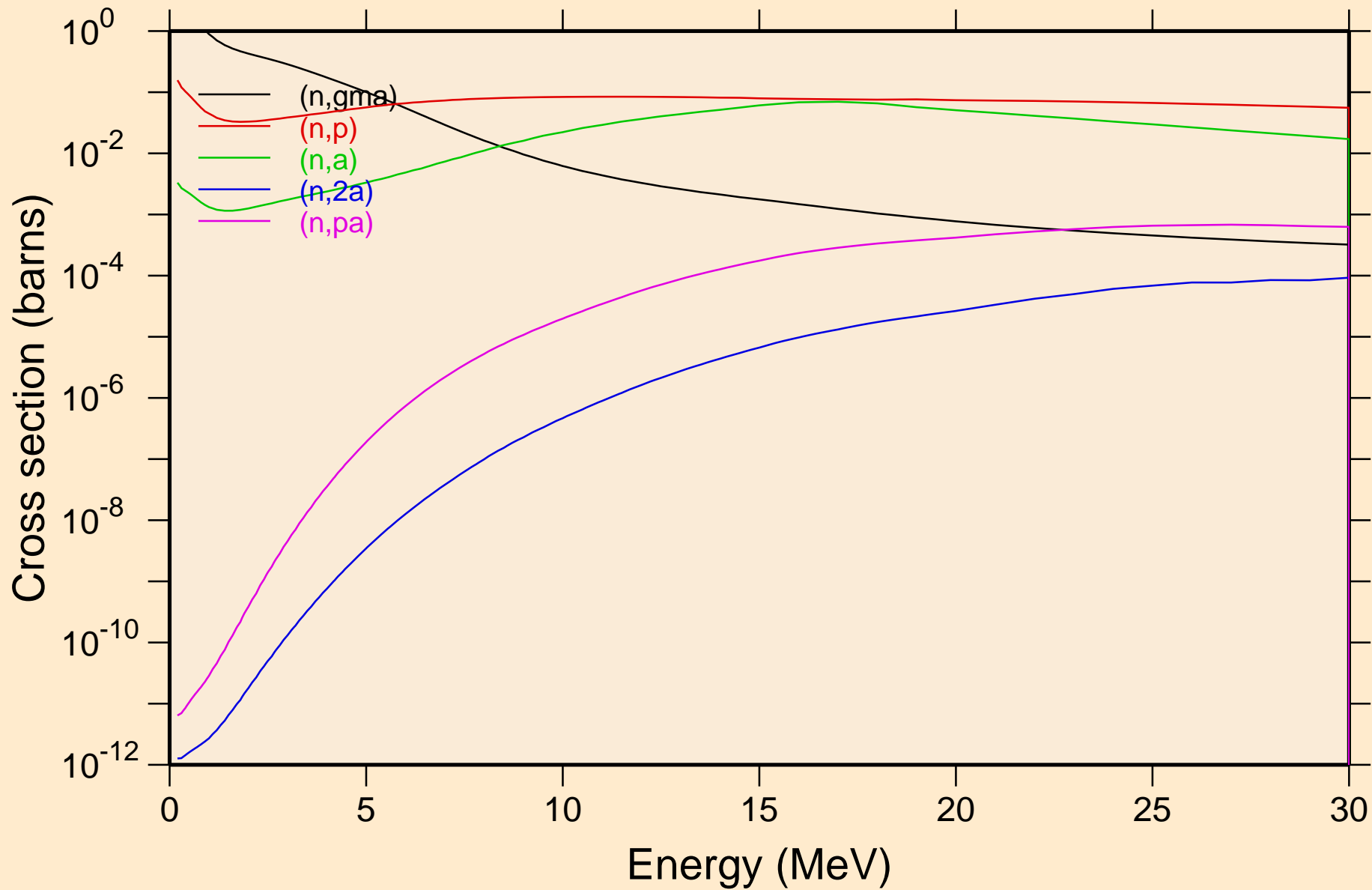


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

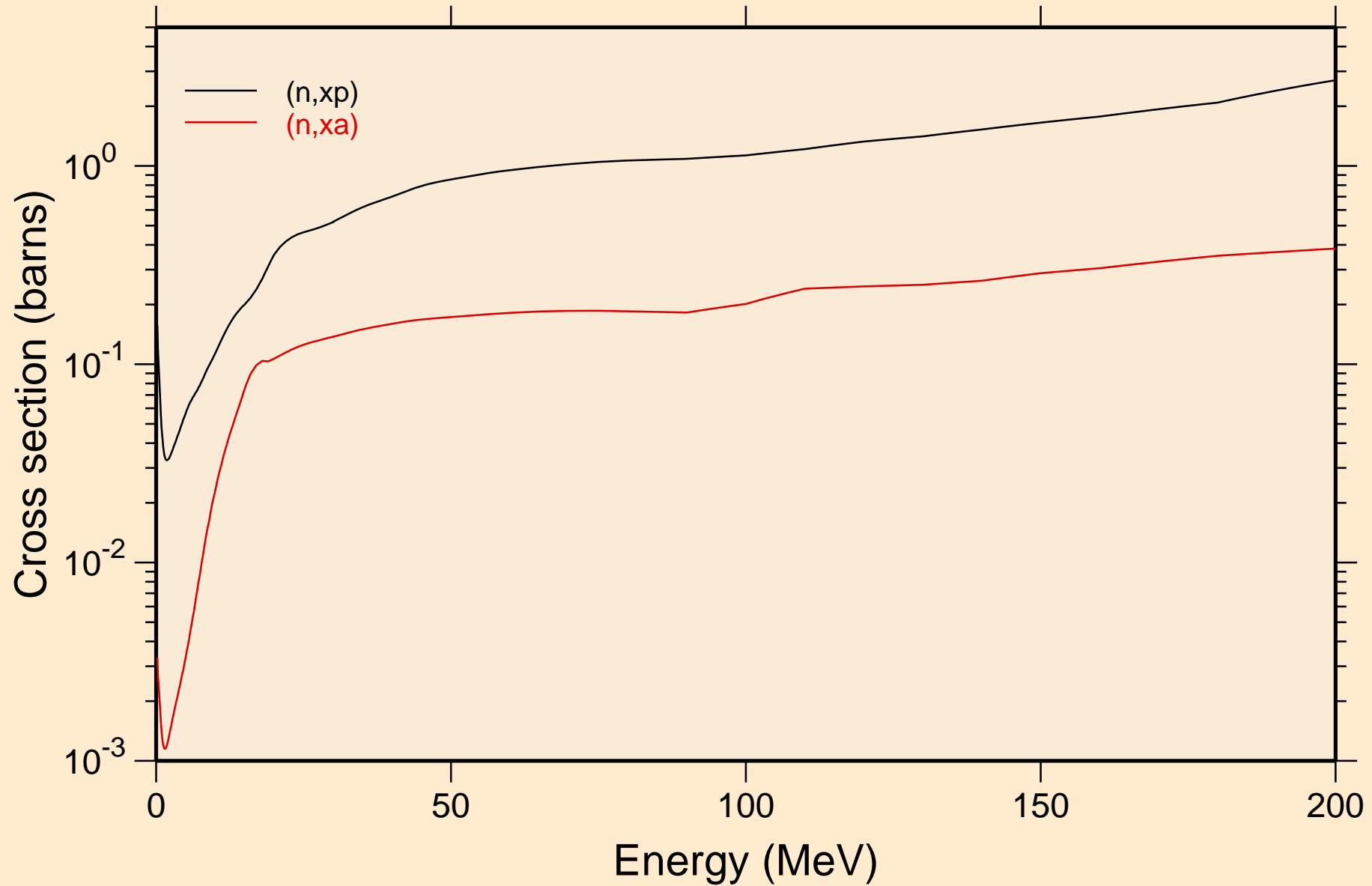




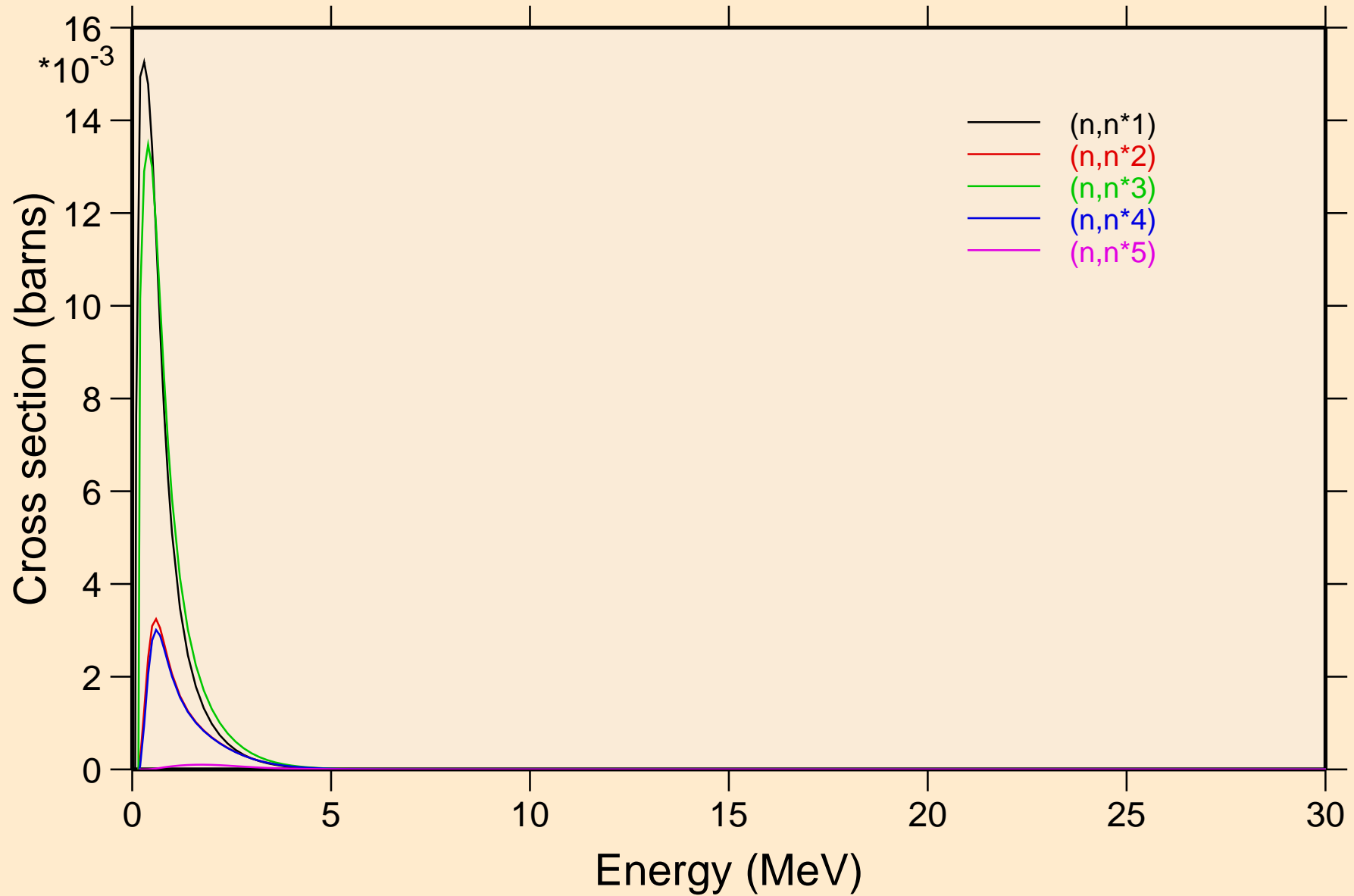
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



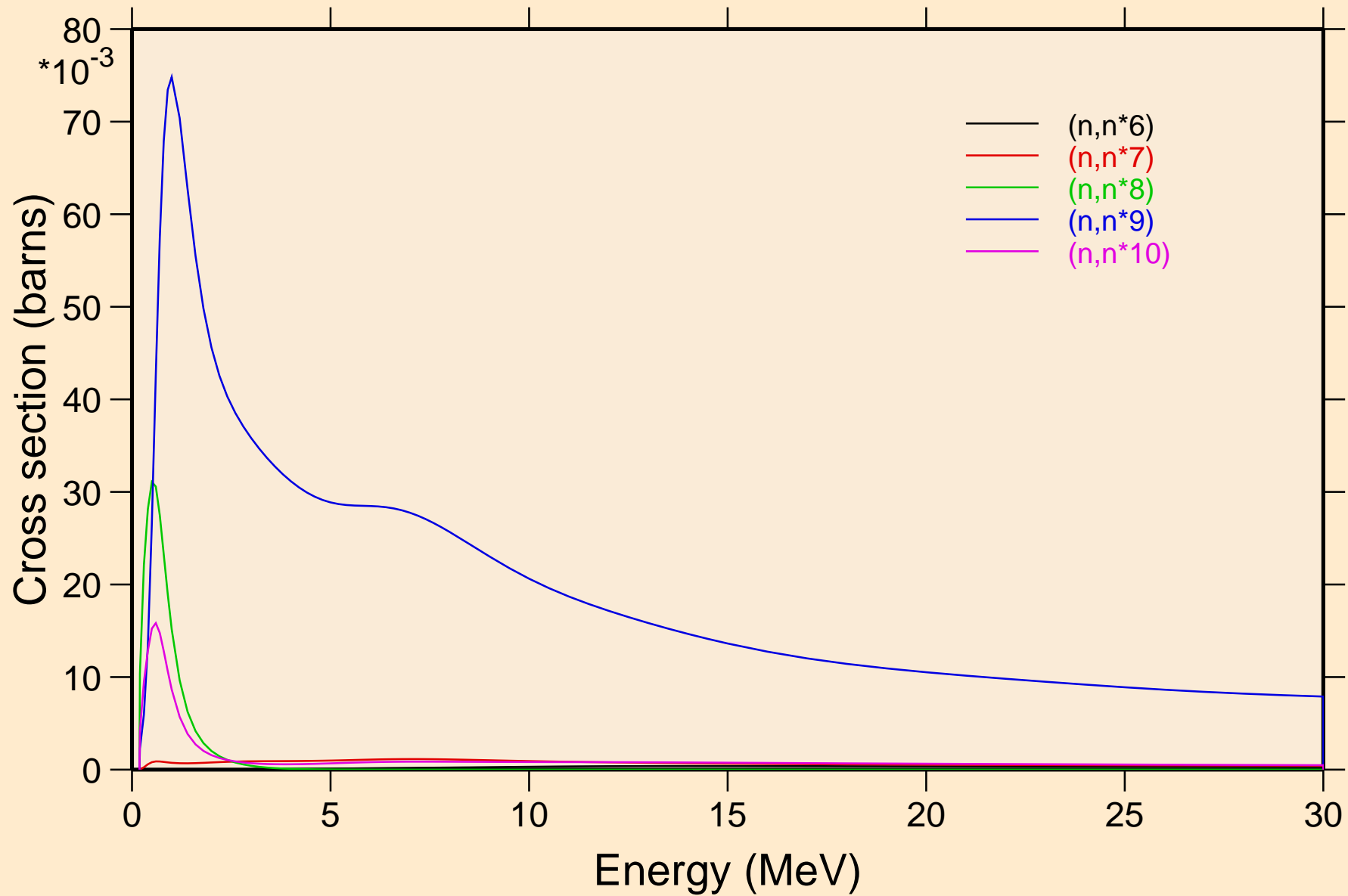
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



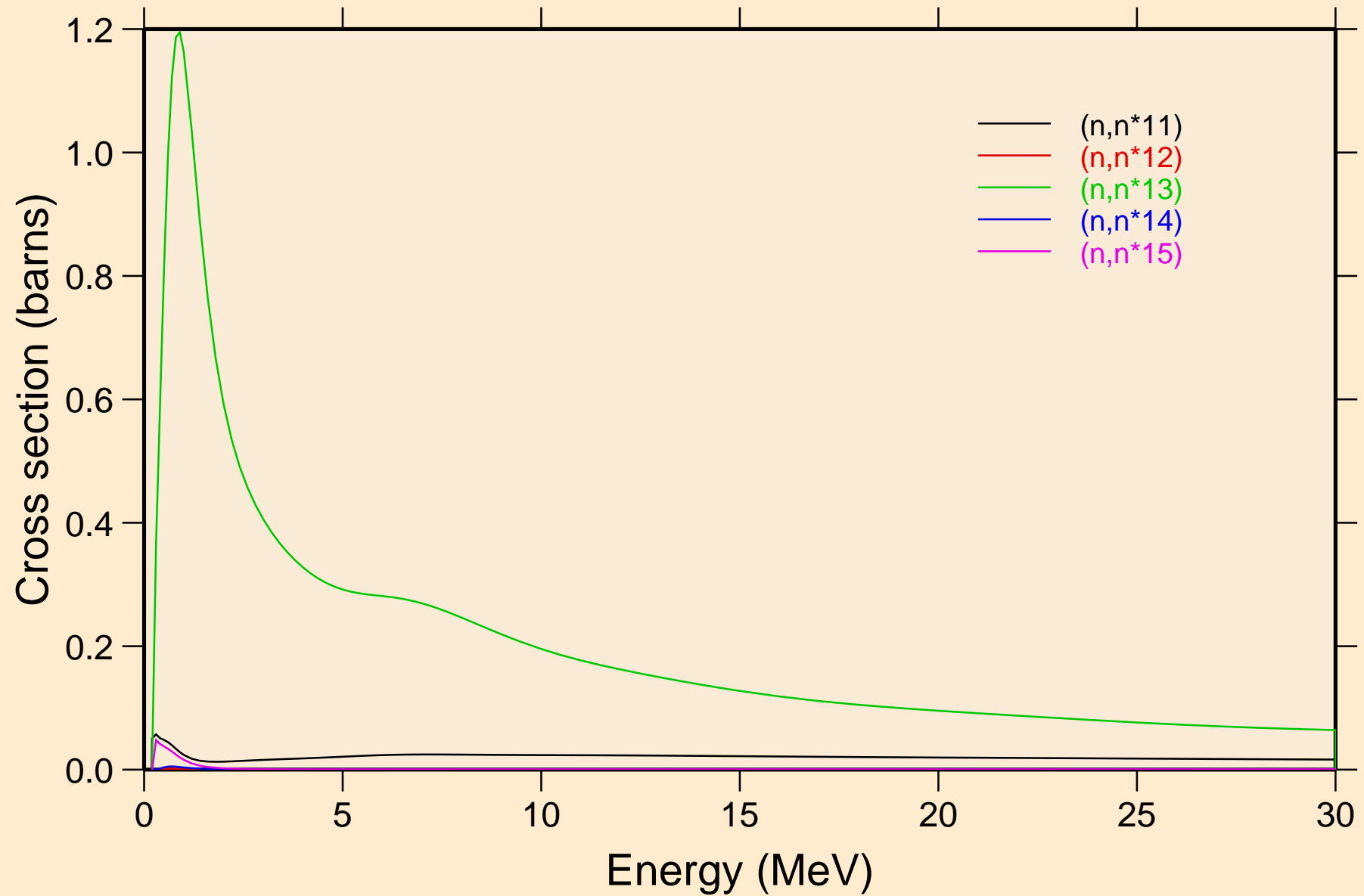
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



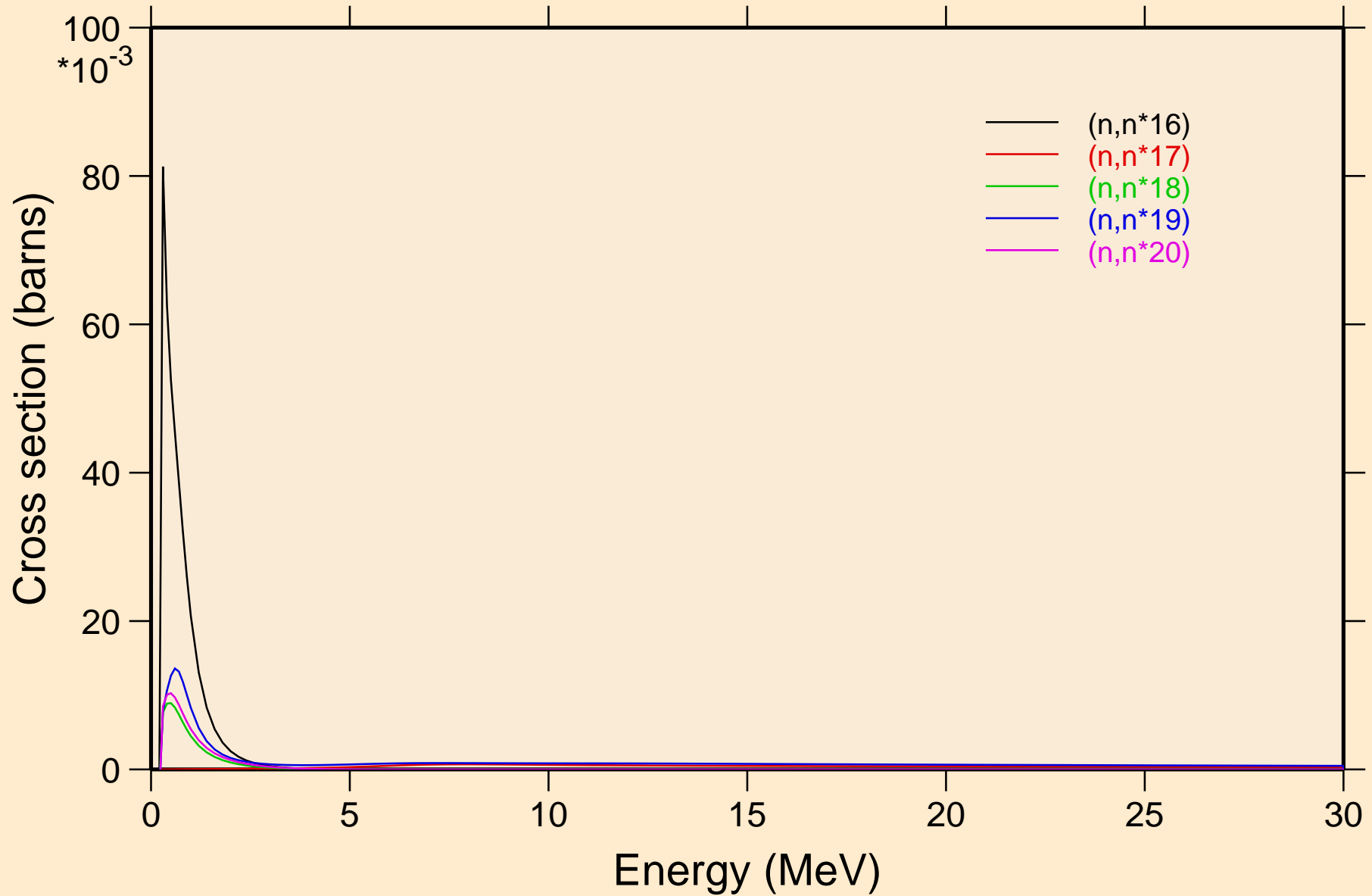
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



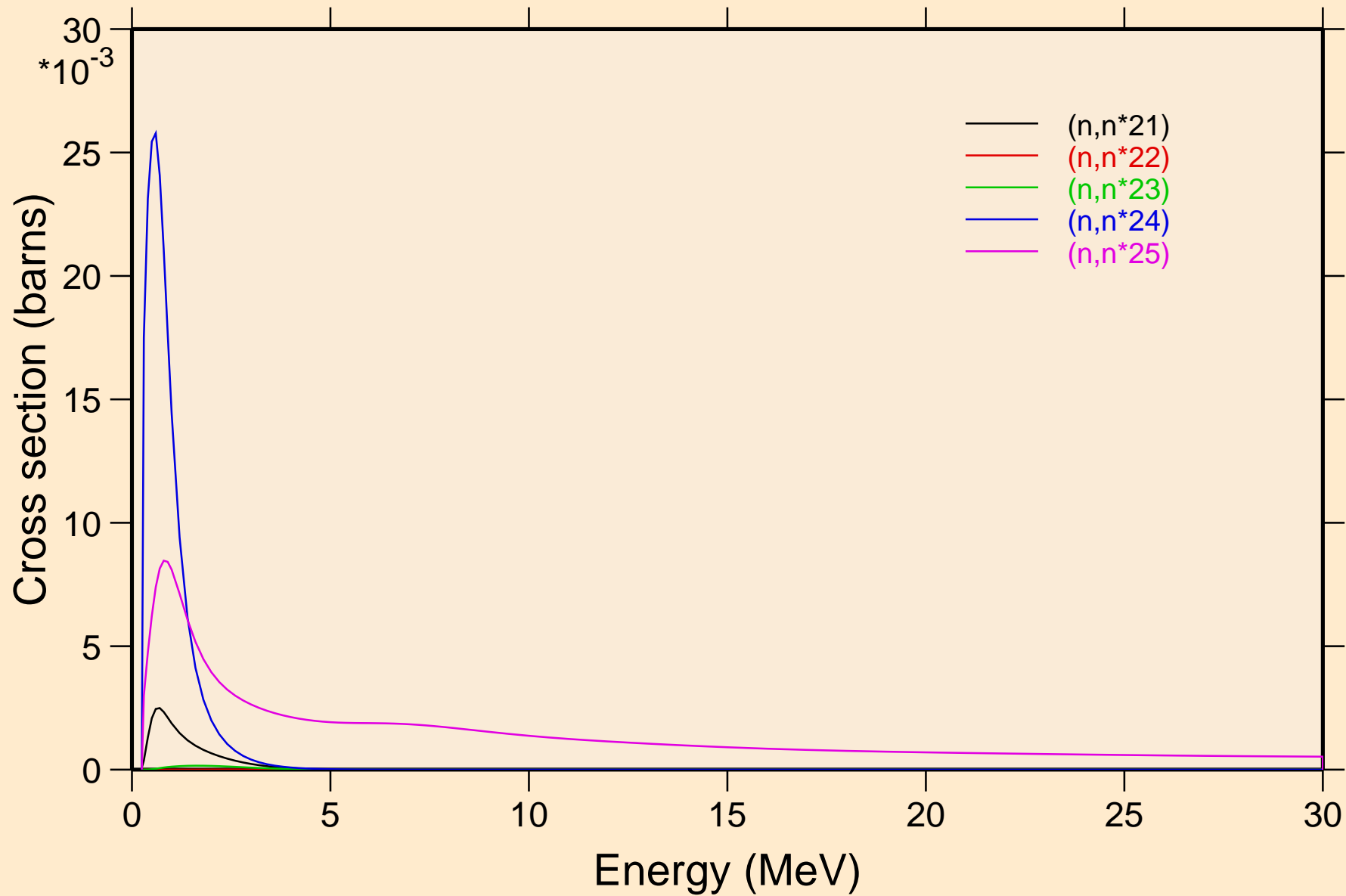
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



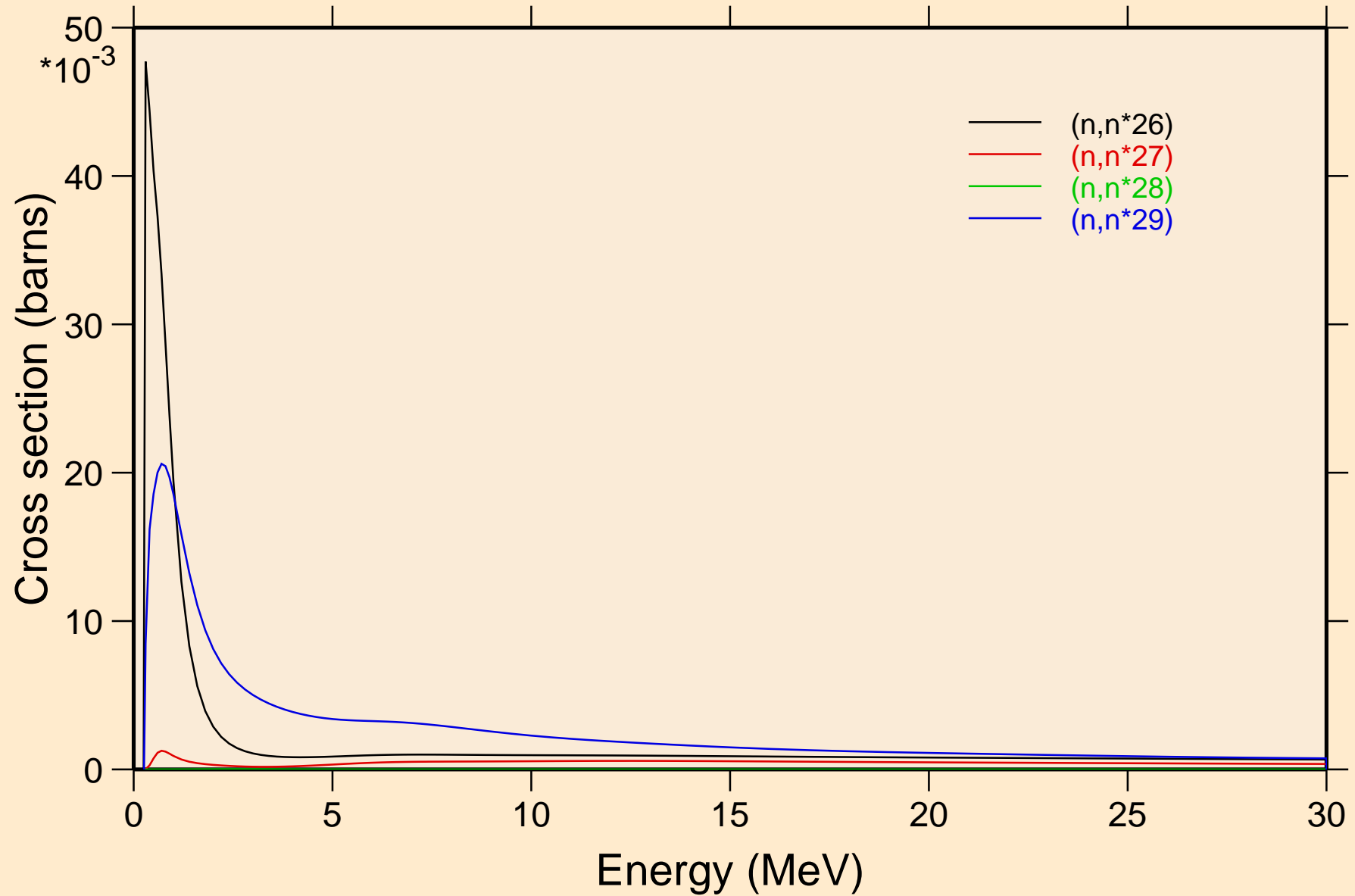
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

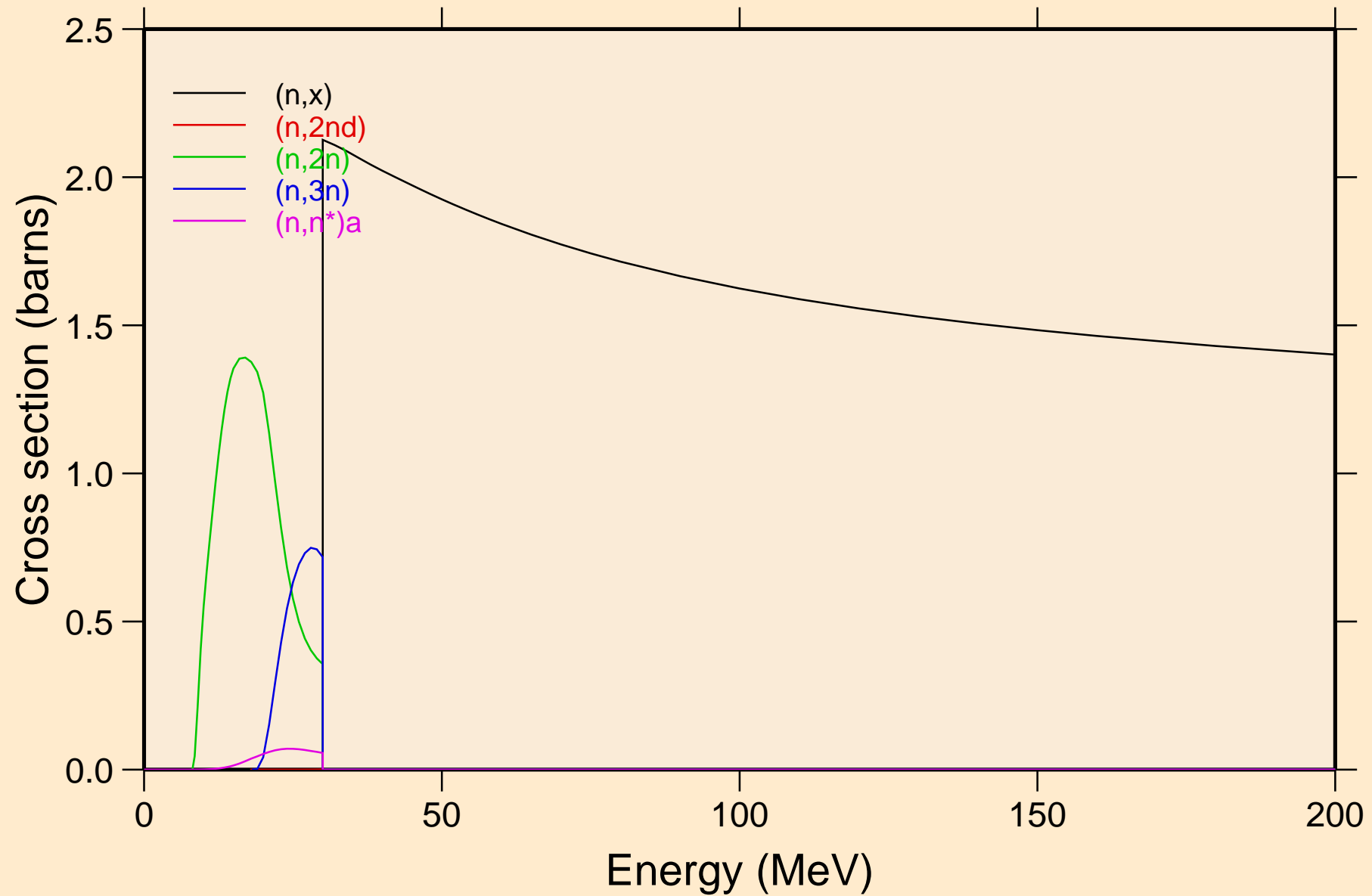


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

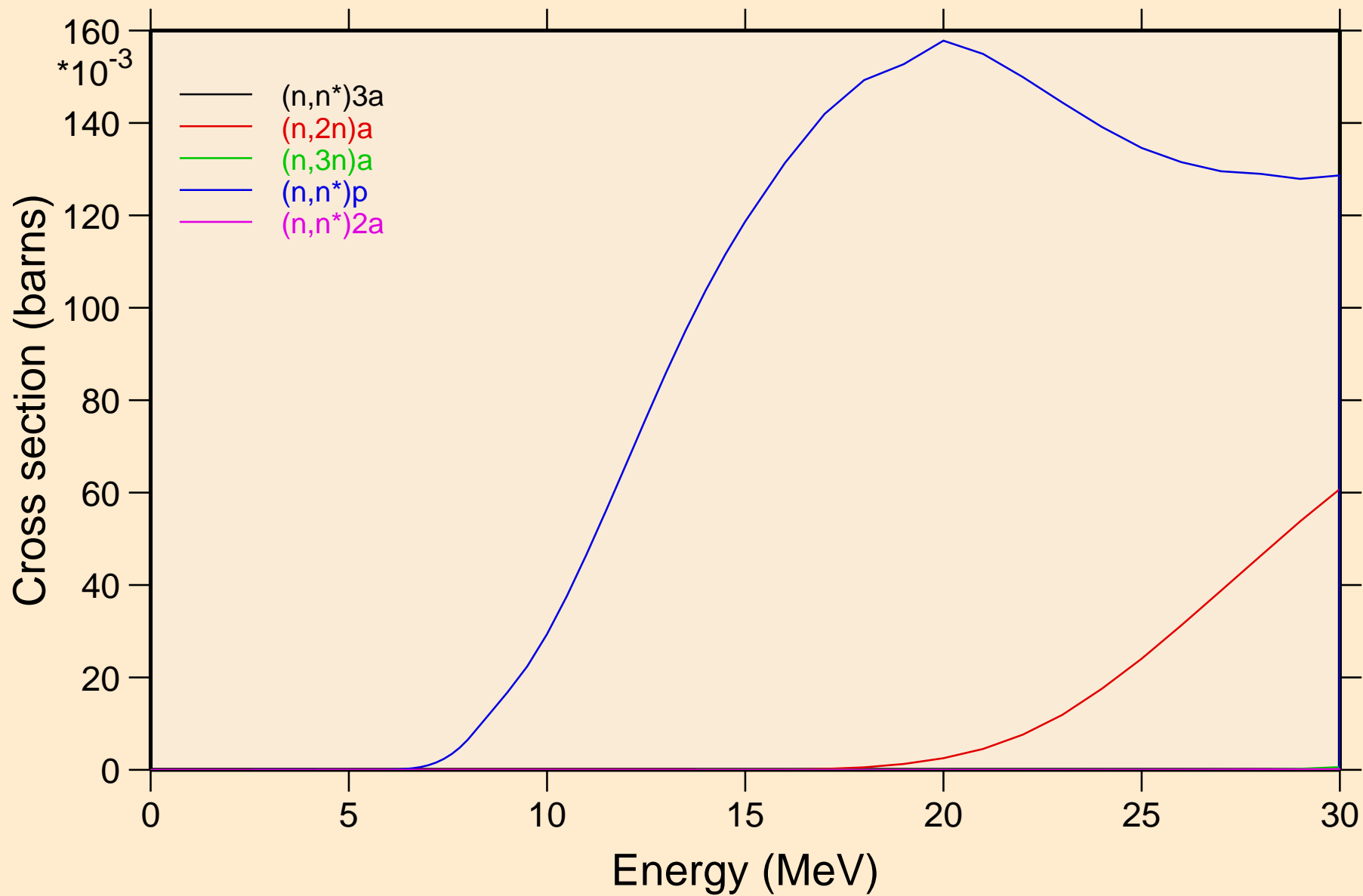




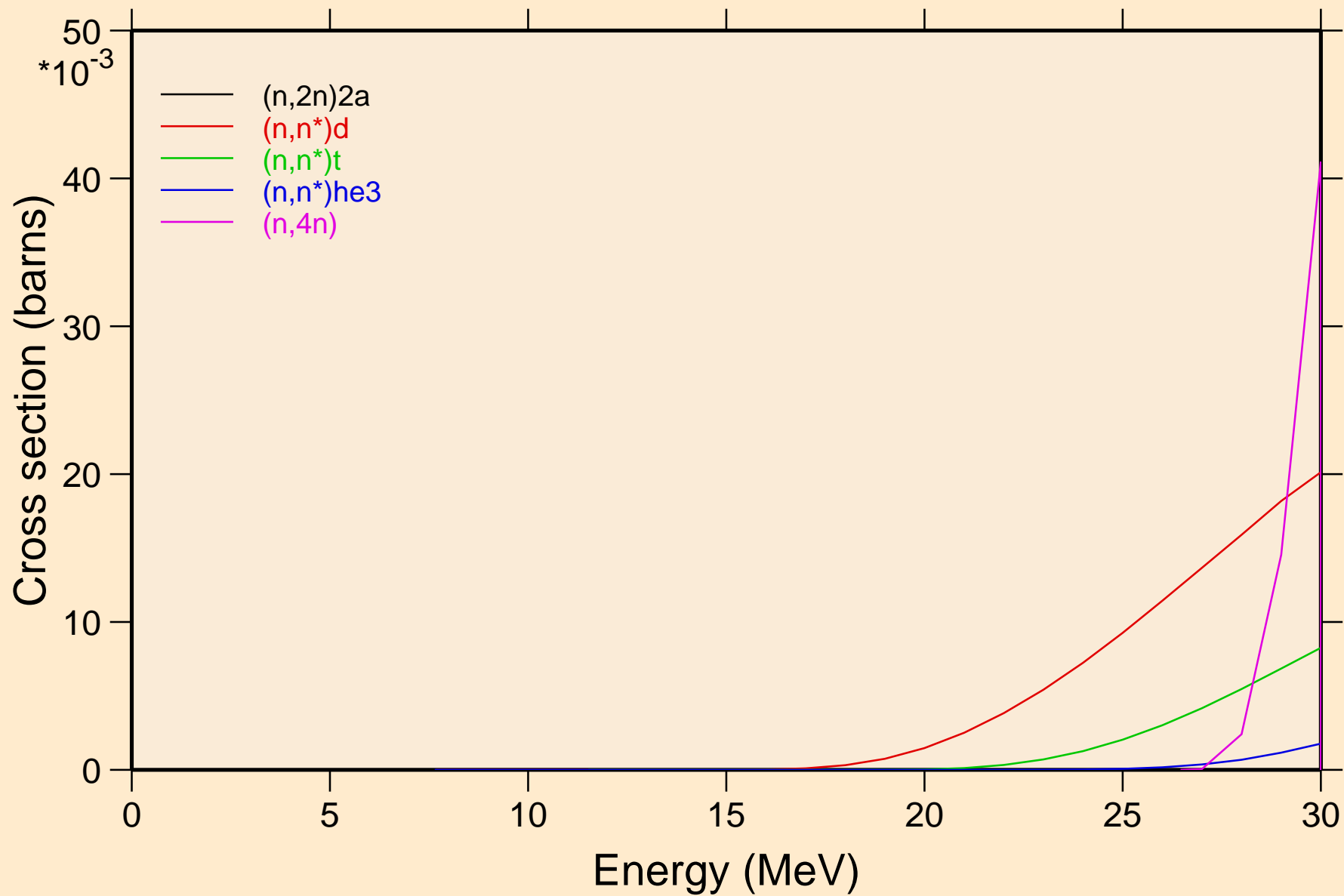
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



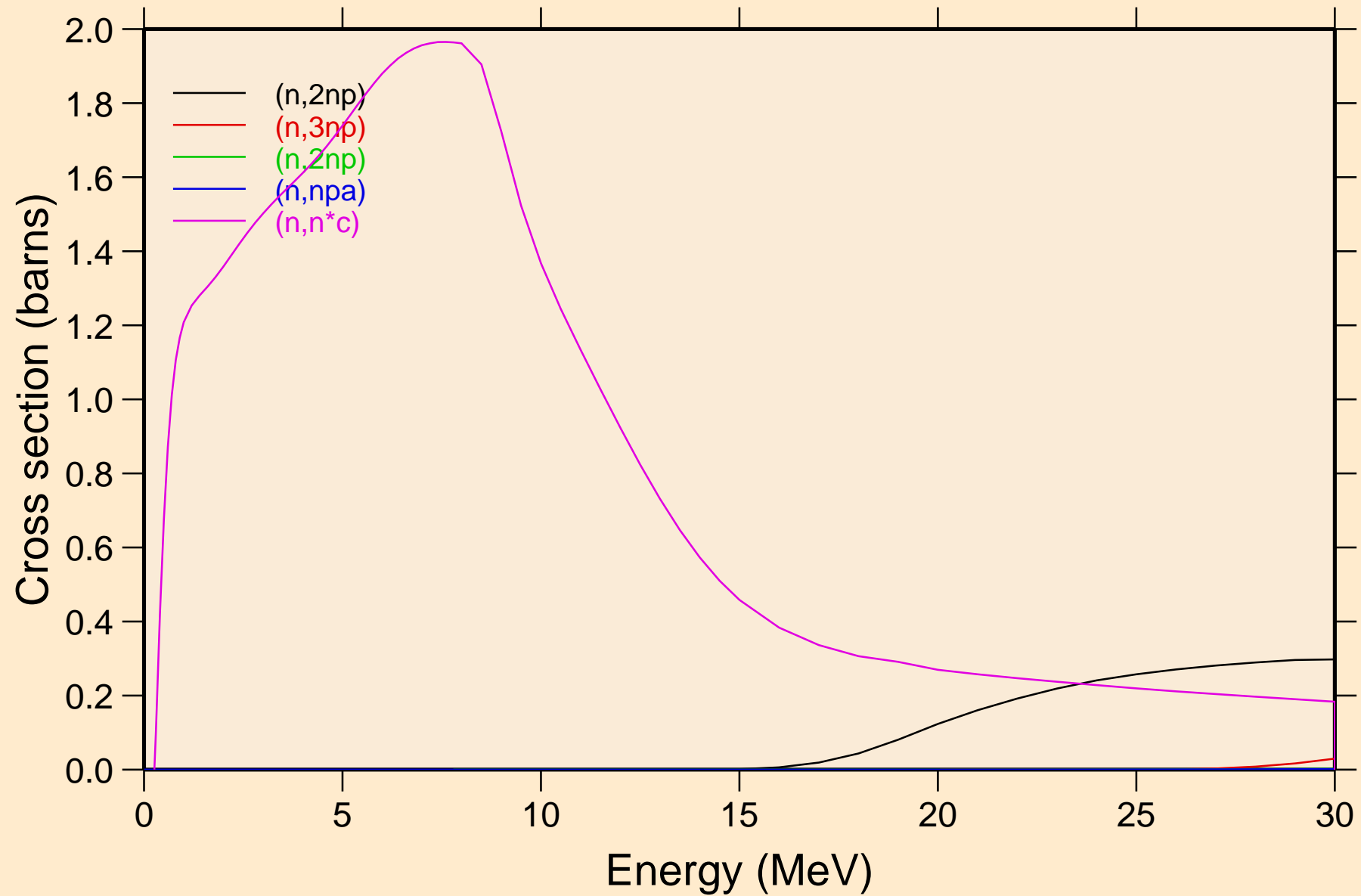
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



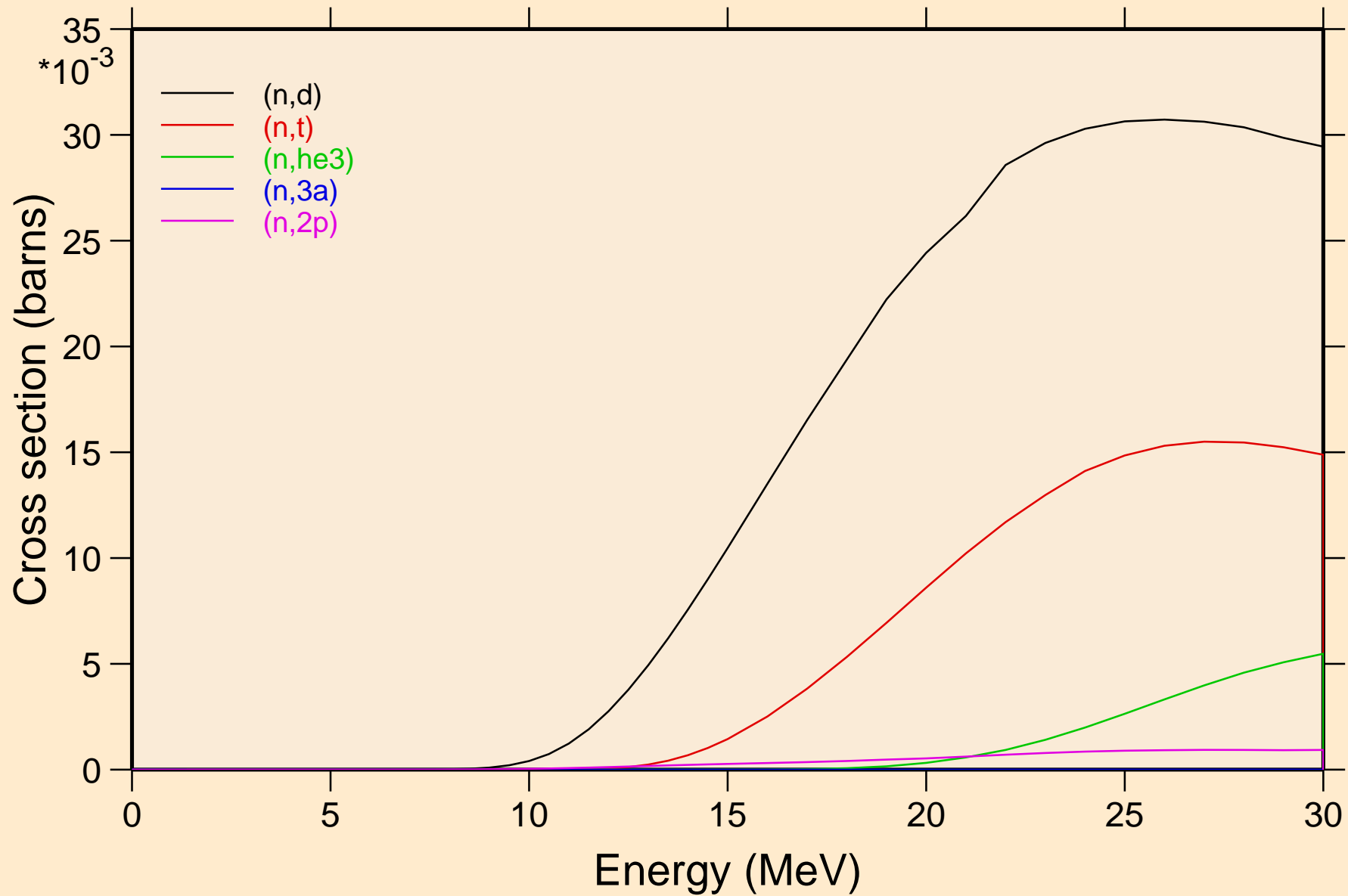
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



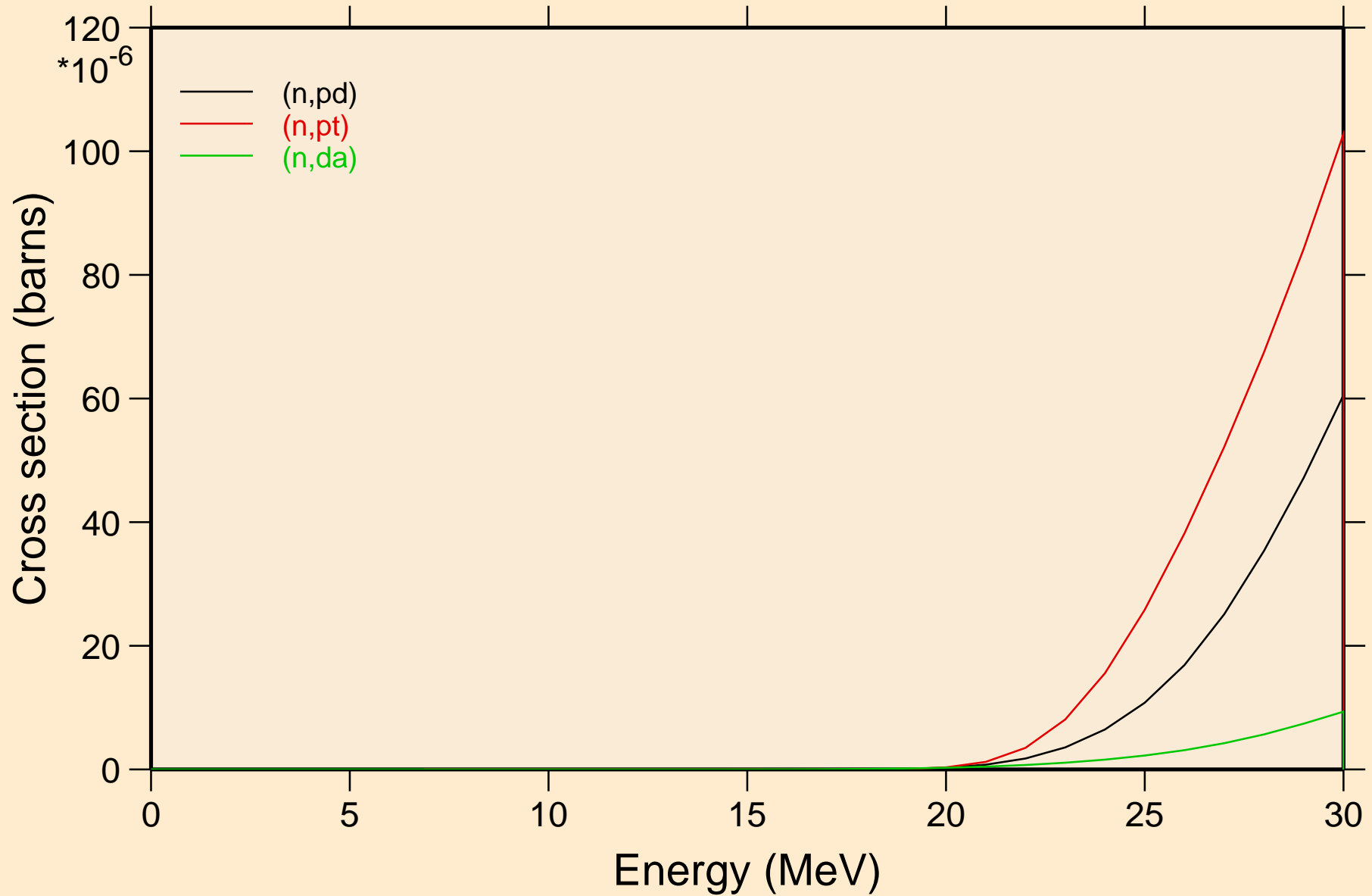
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



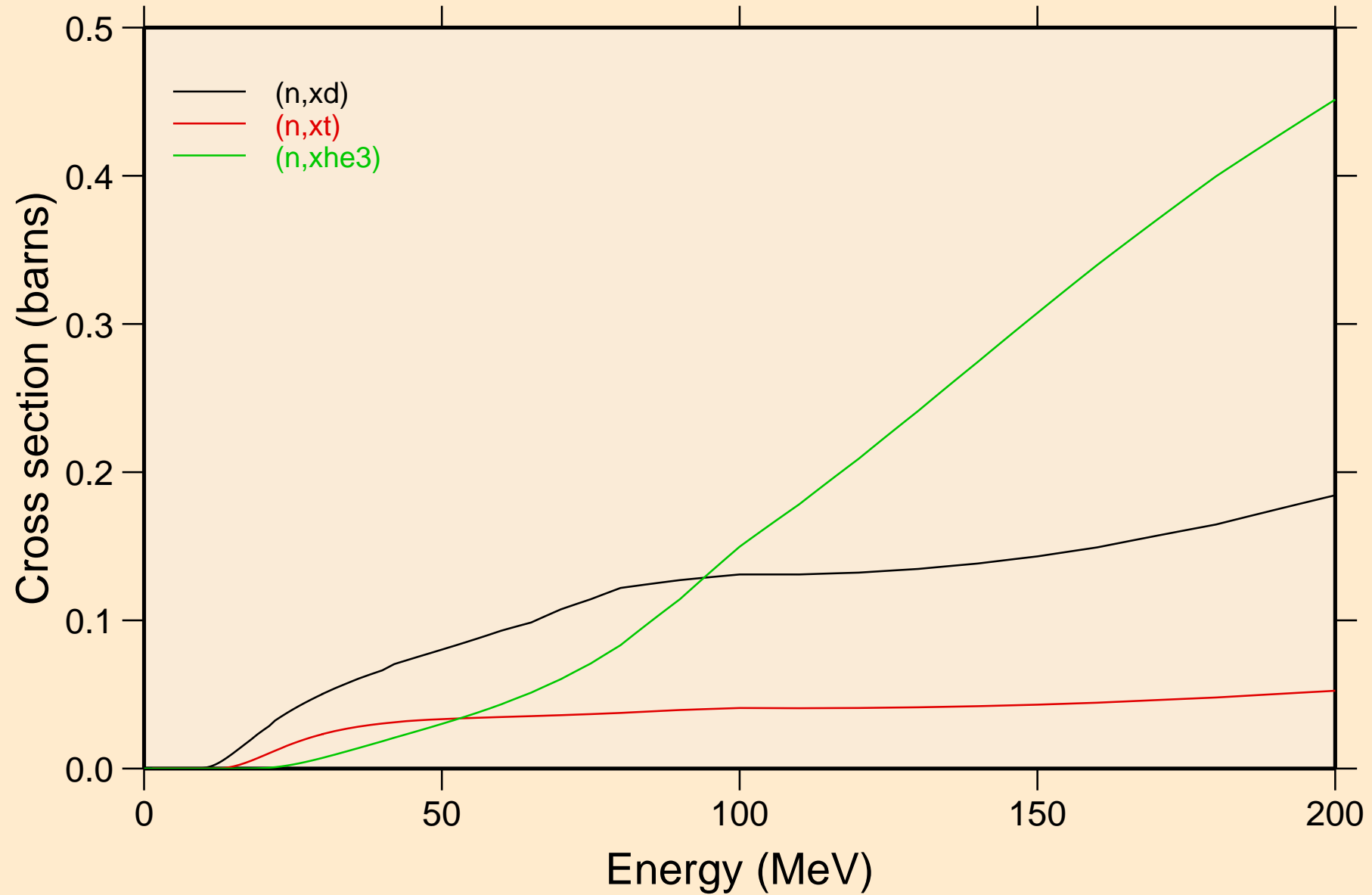
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



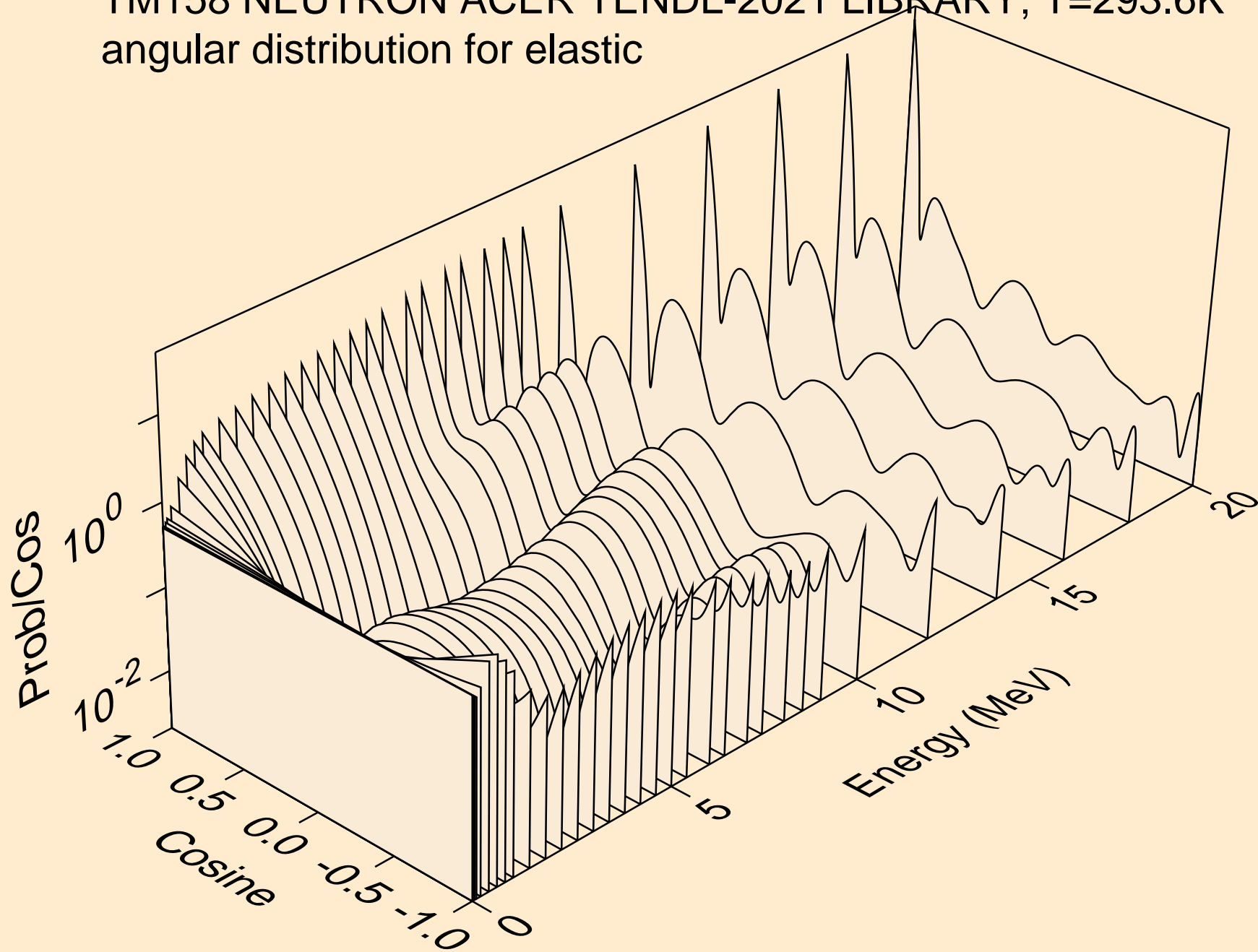
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

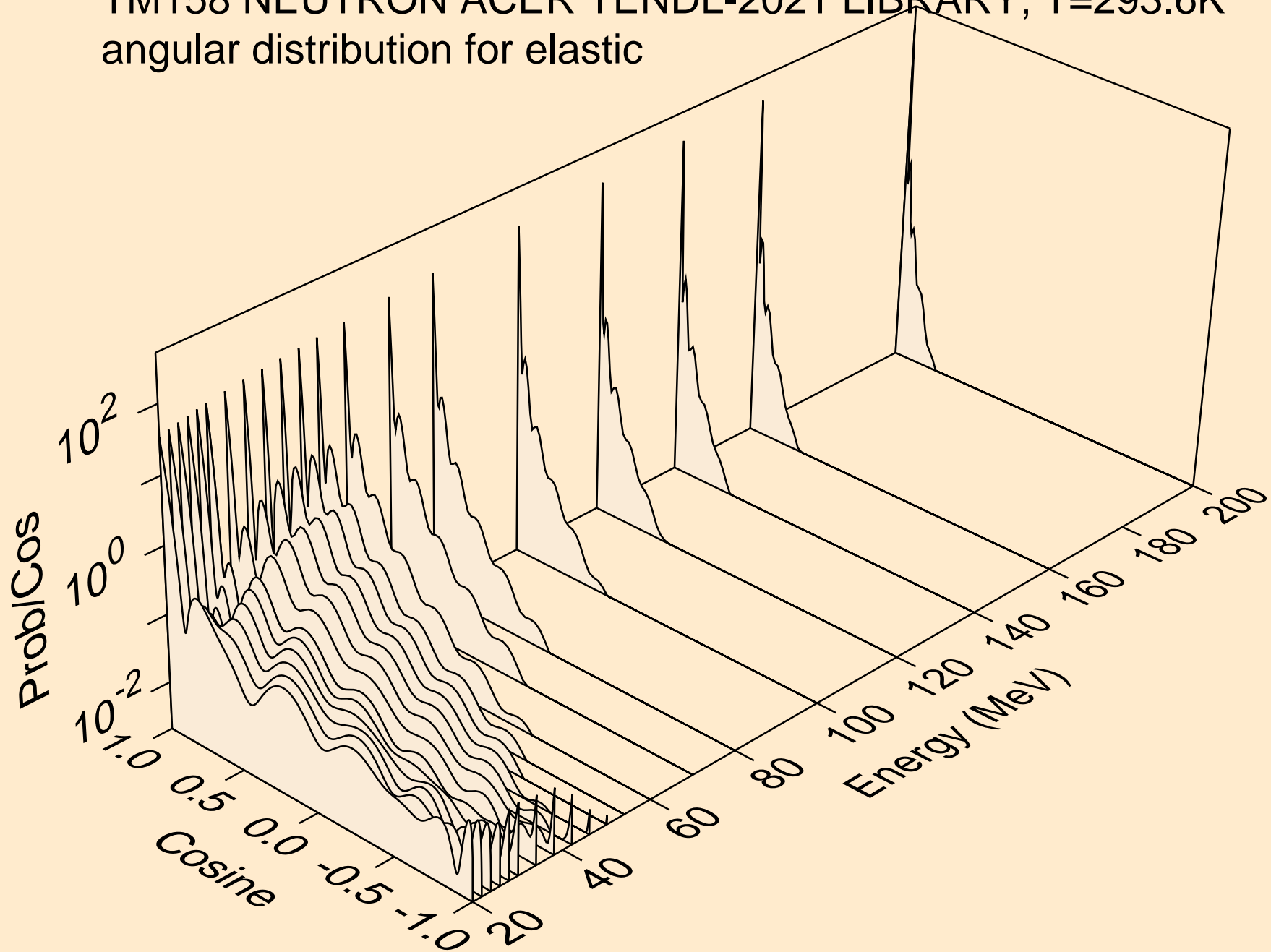


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

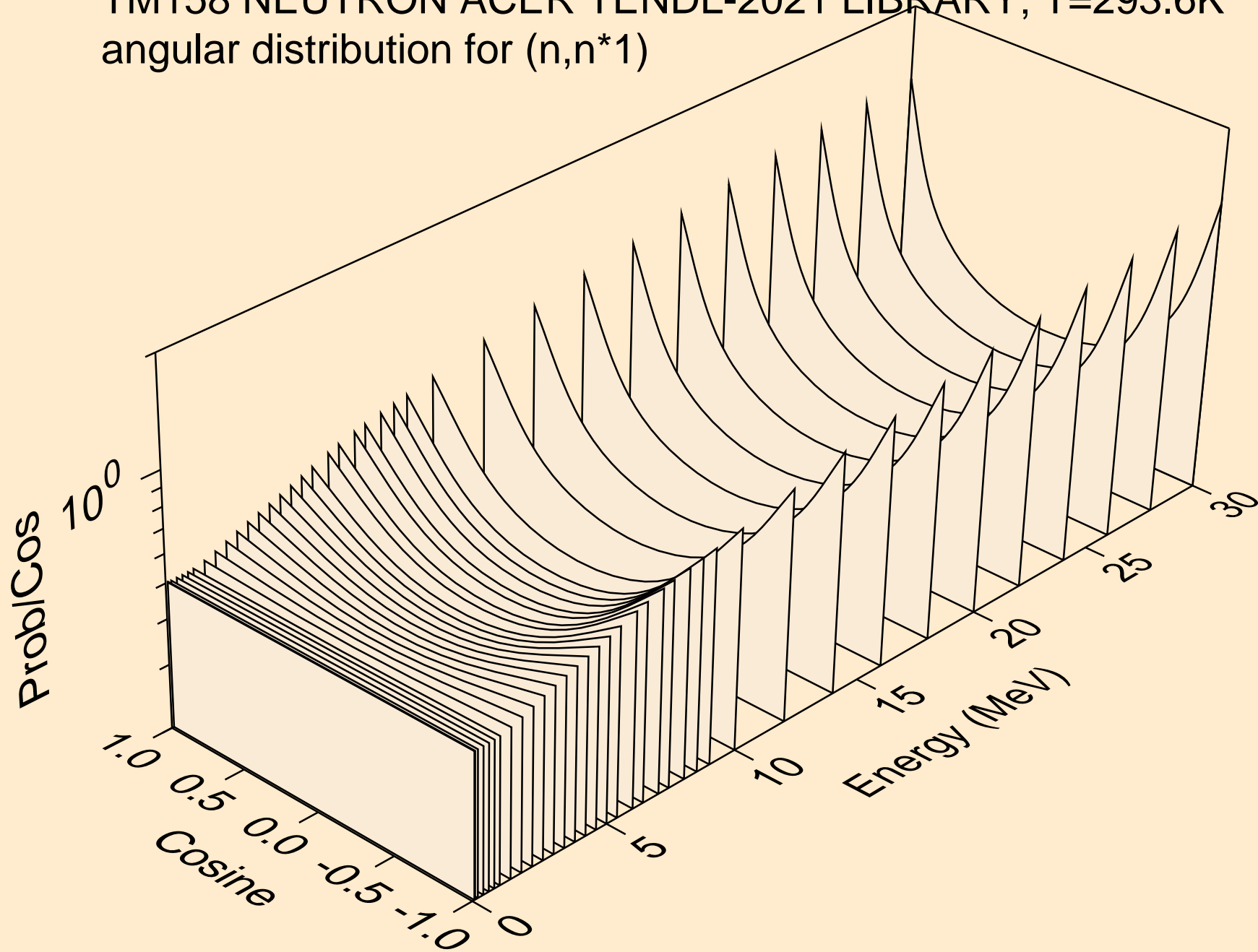




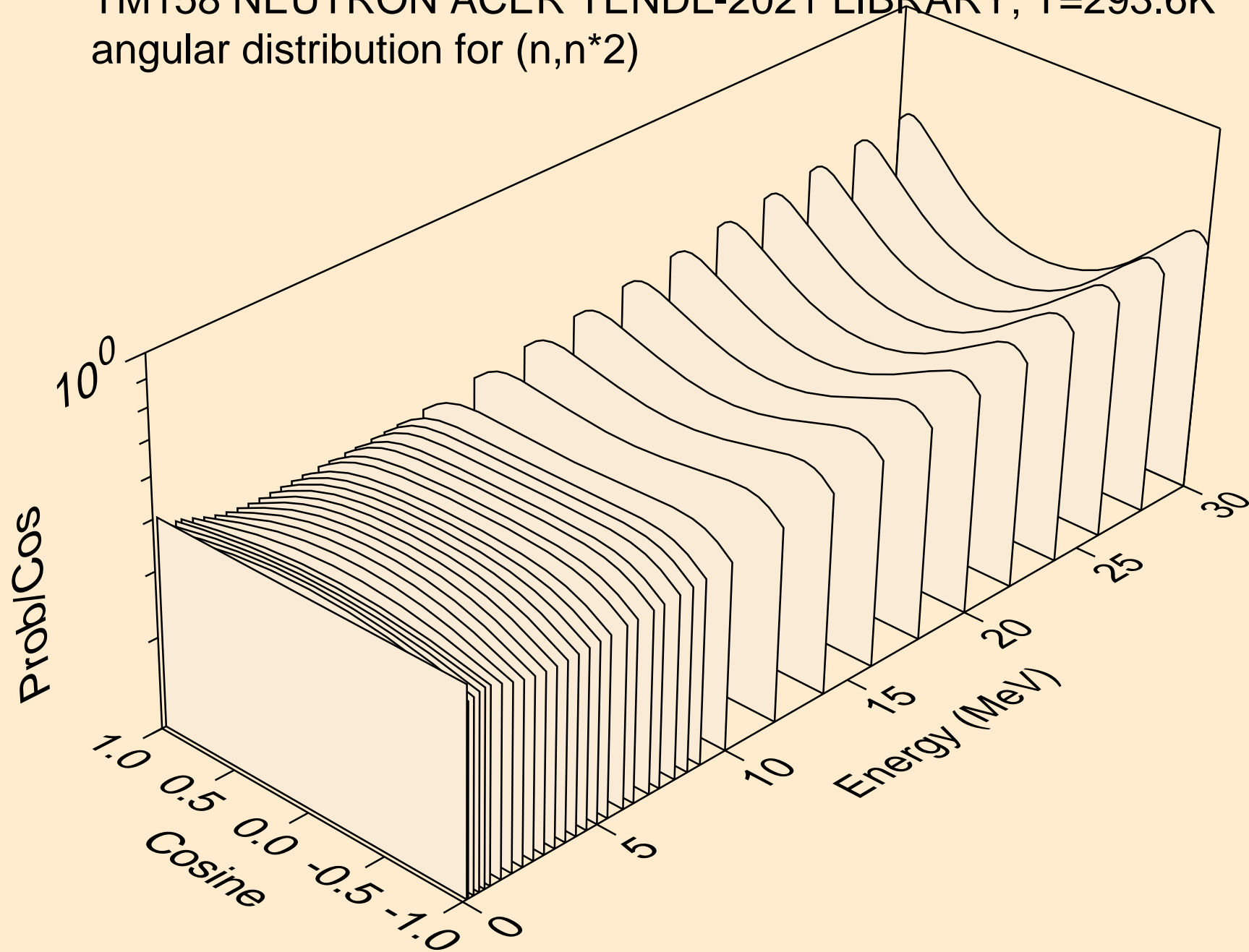
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angular distribution for elastic



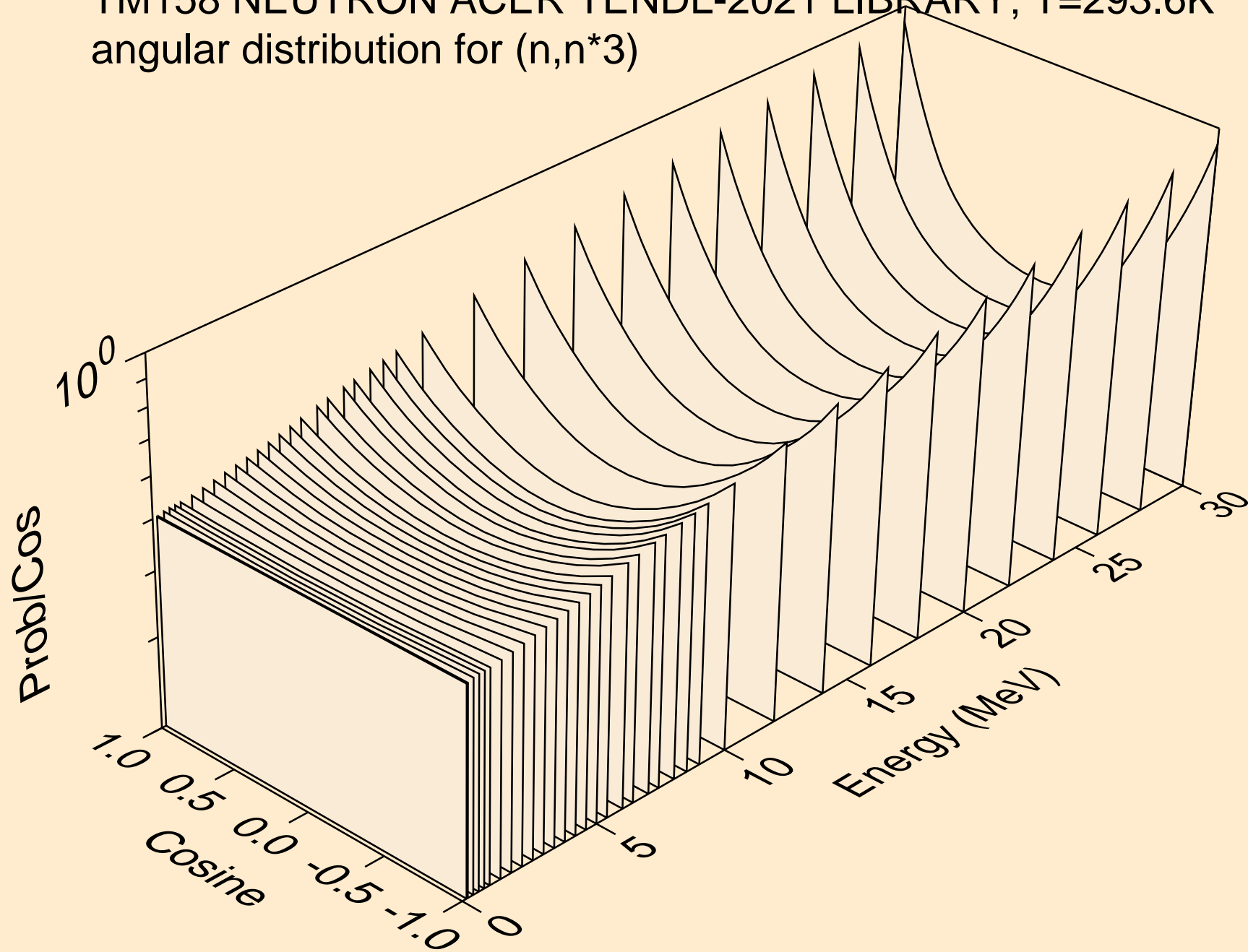
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



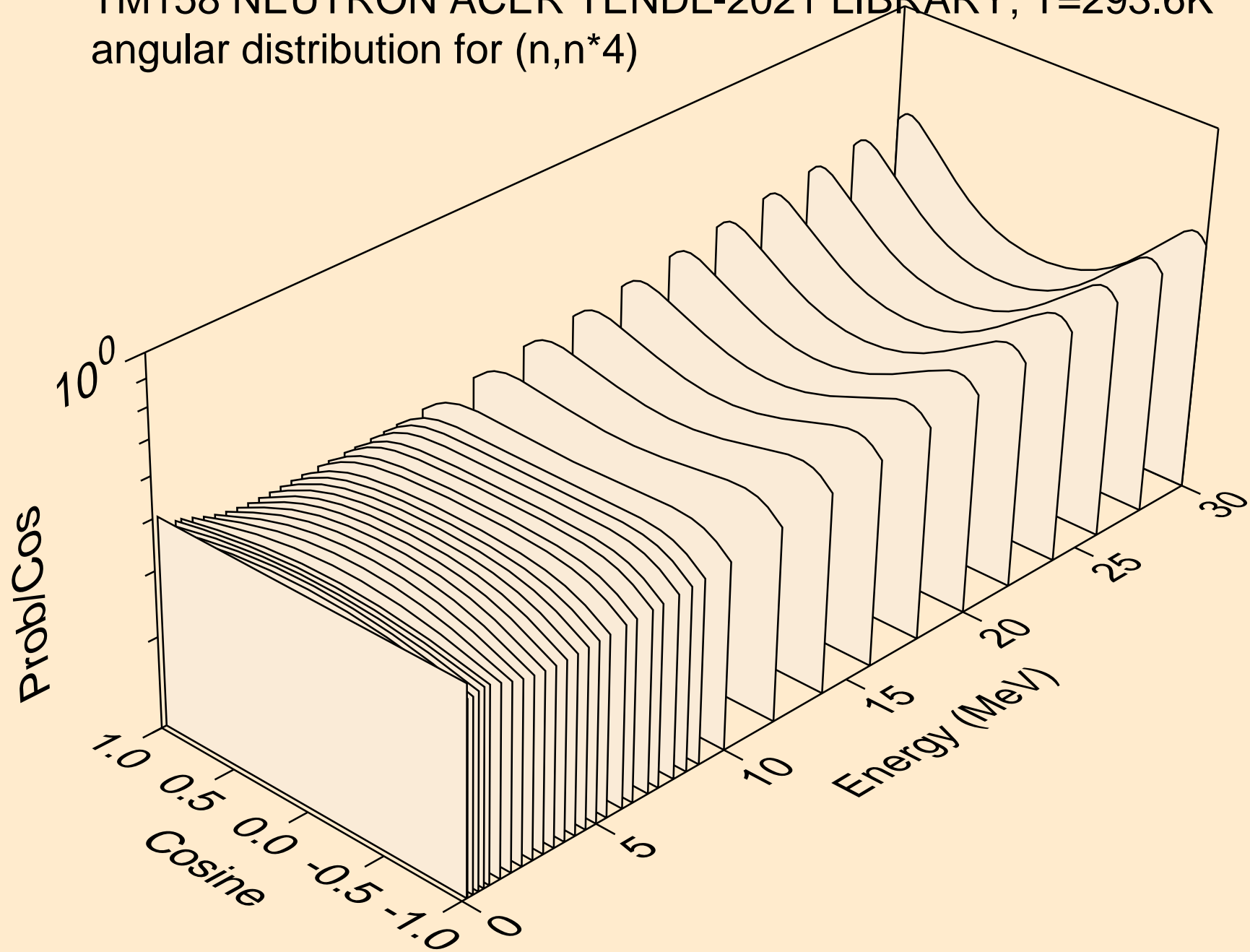
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



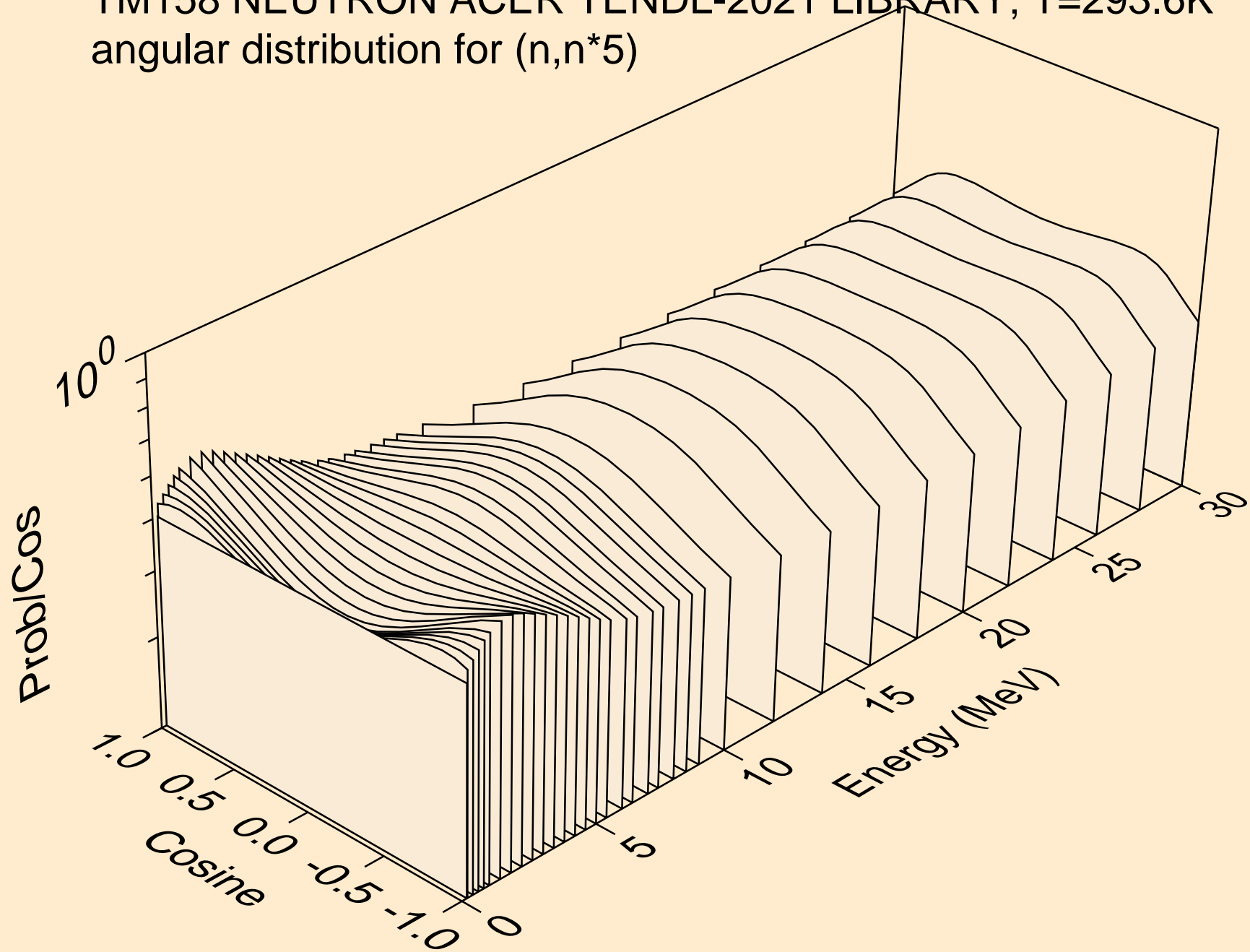
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



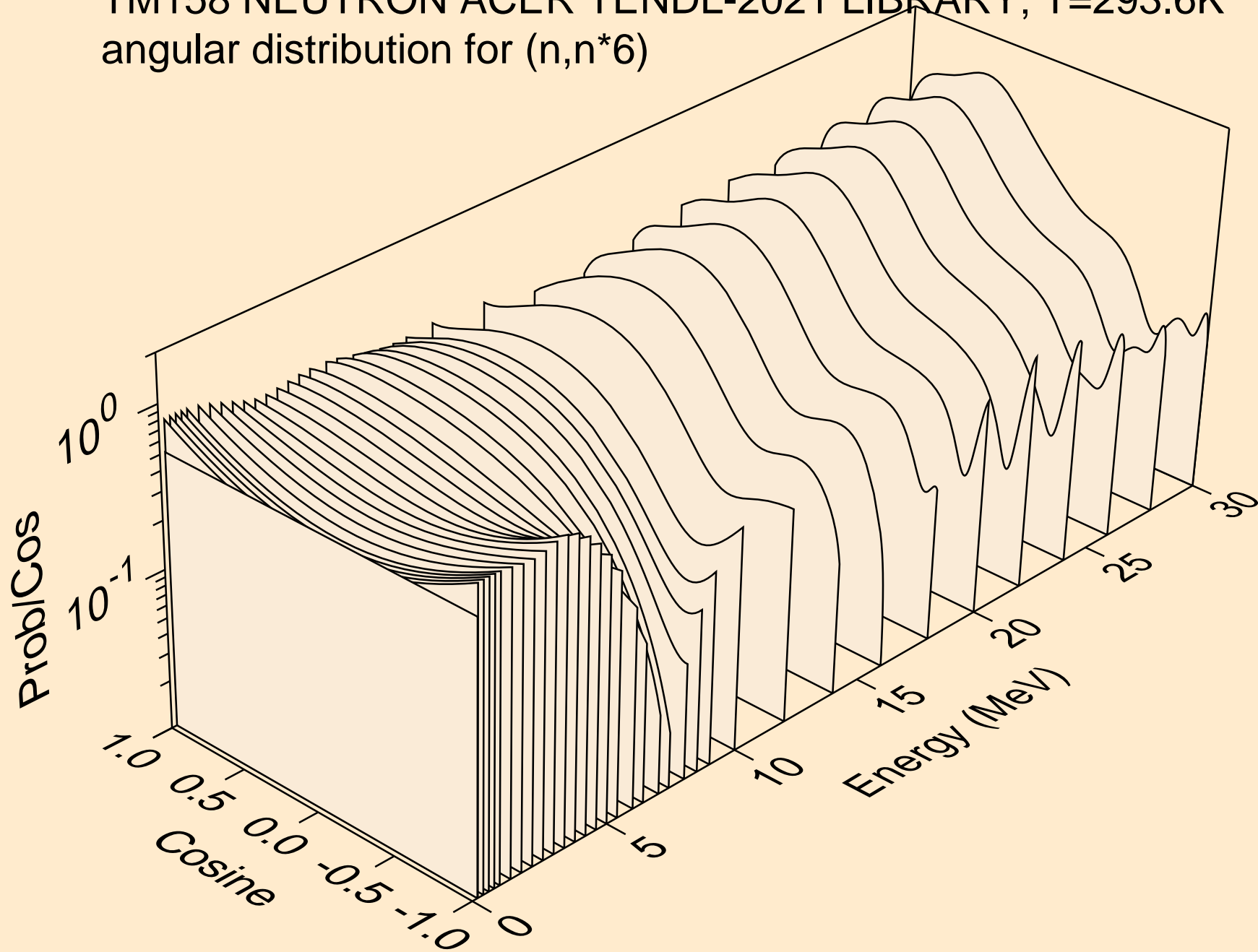
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



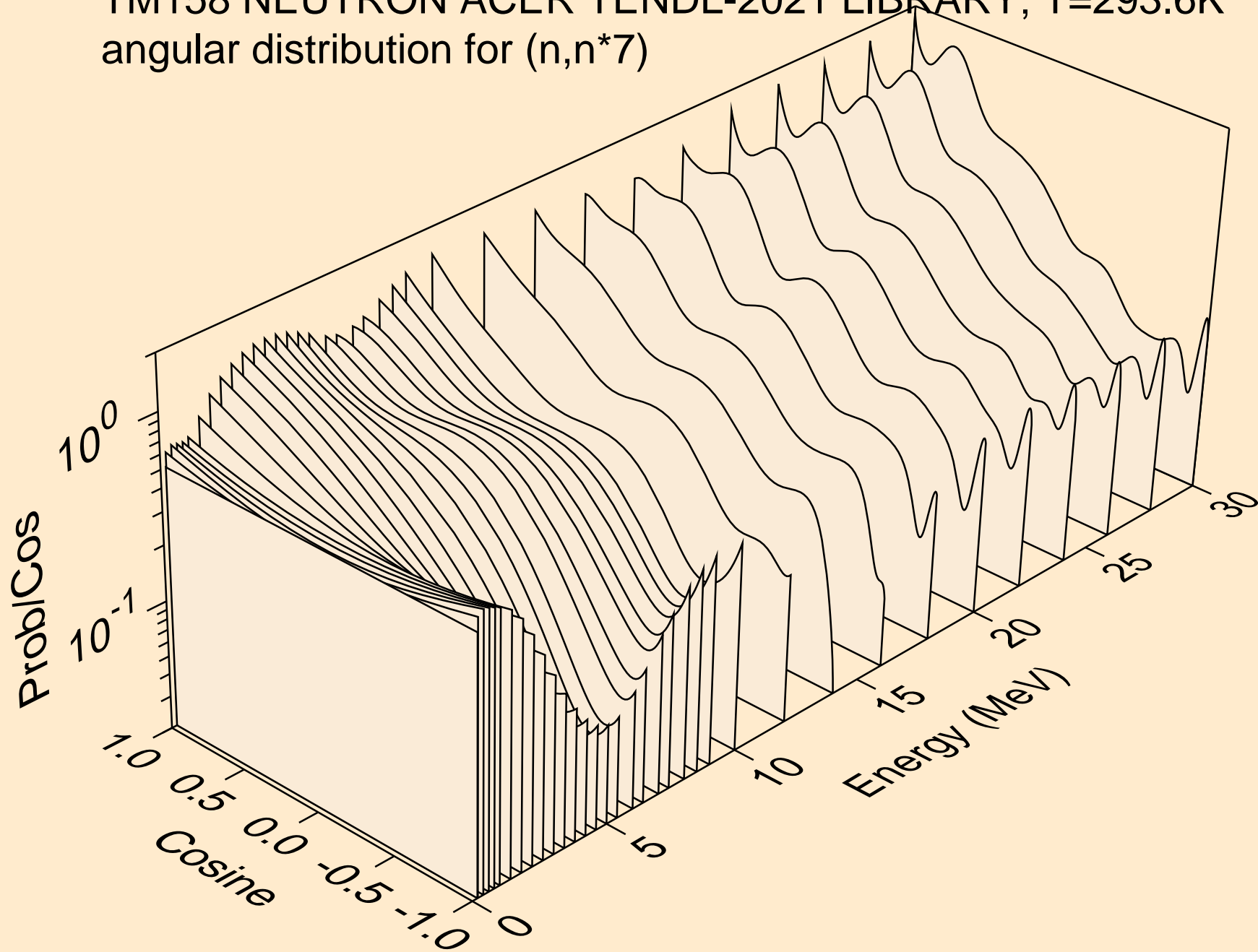
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)

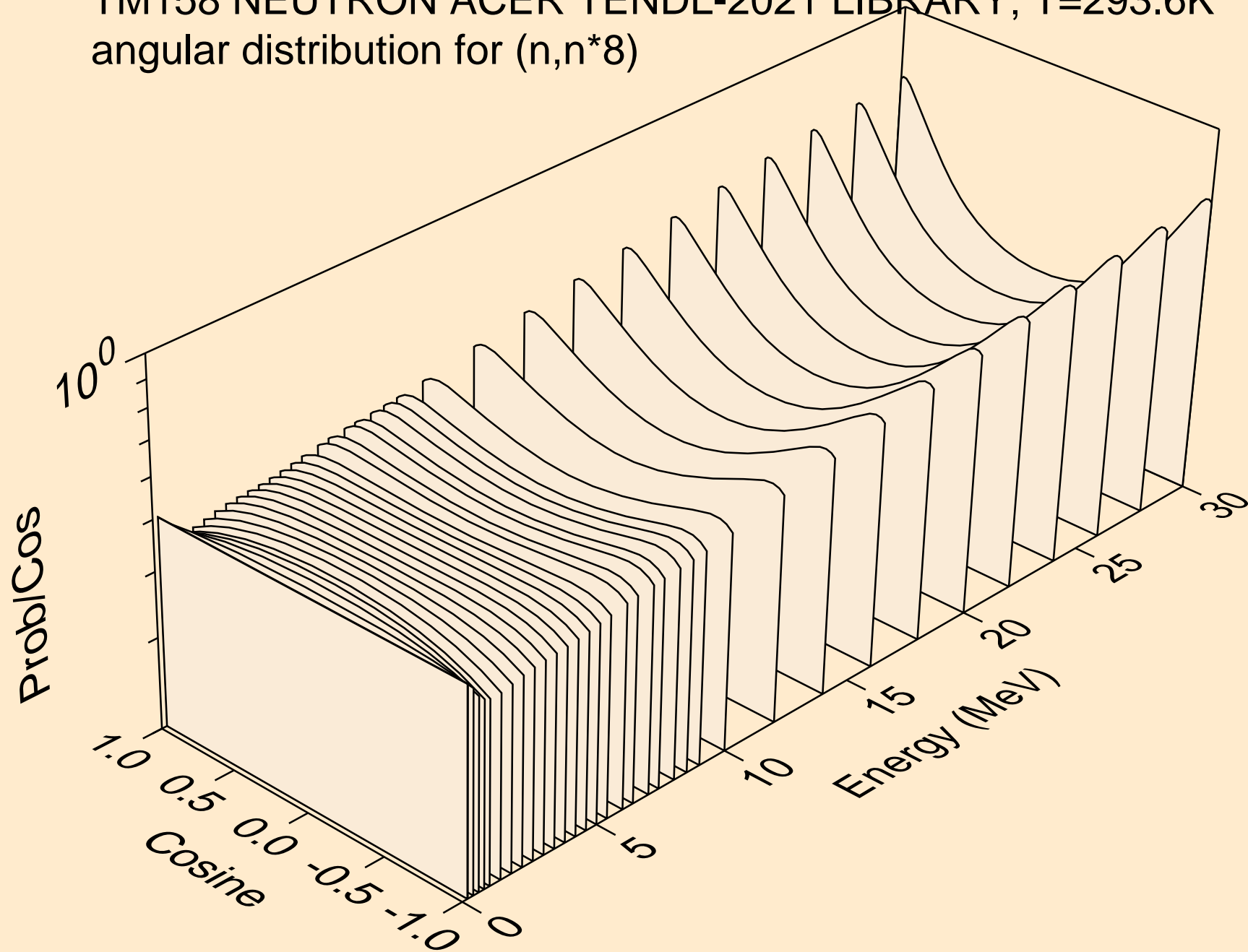


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)

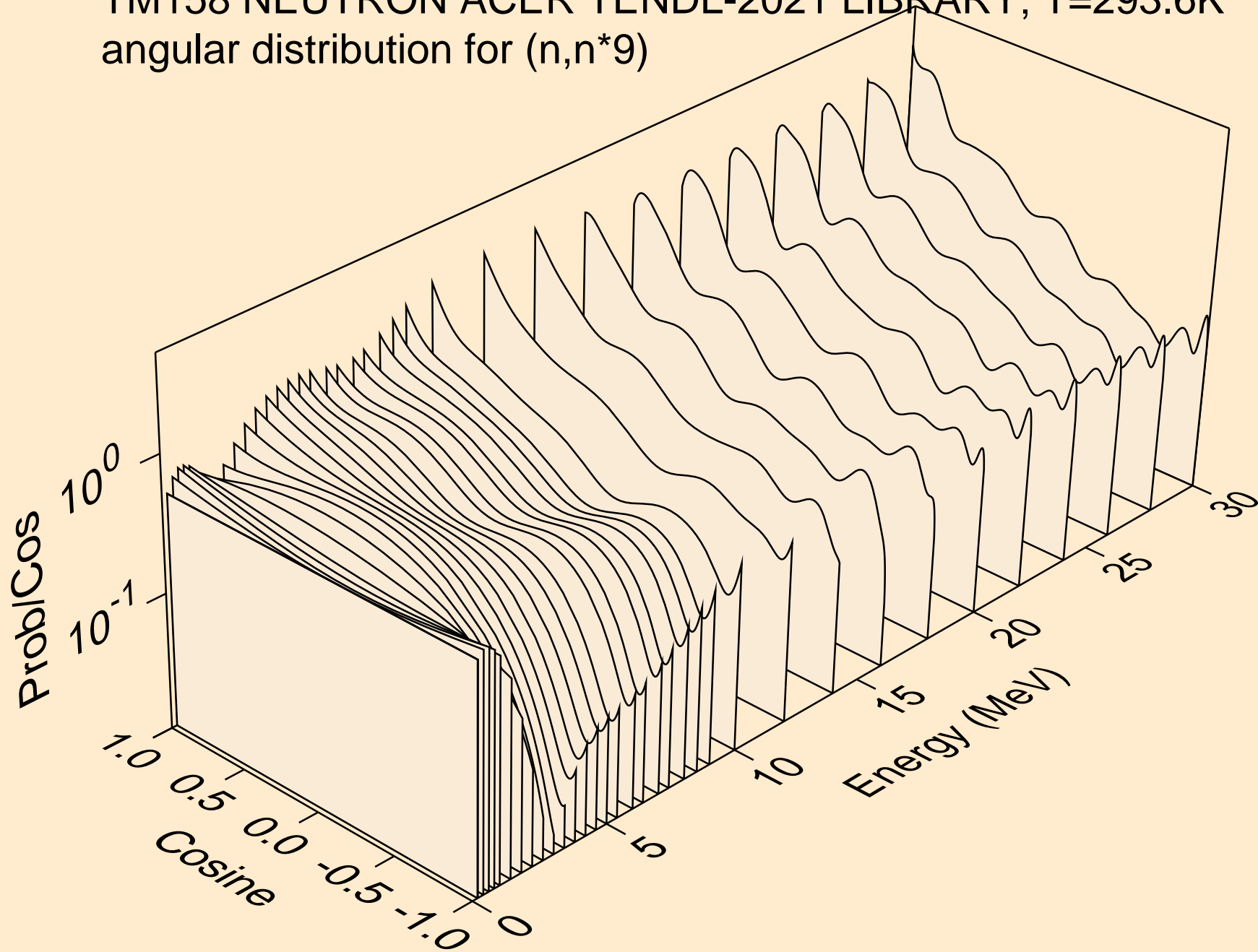




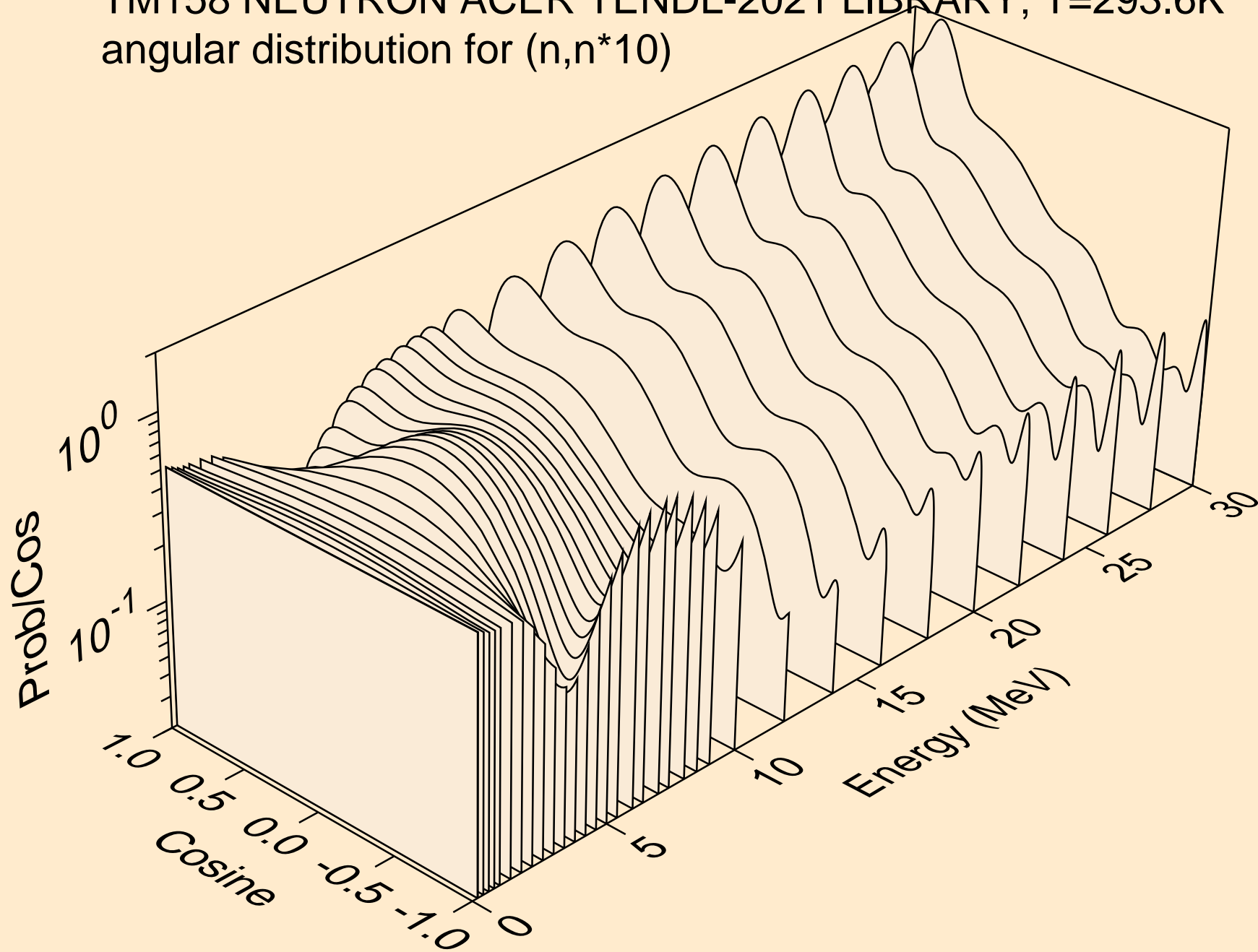
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



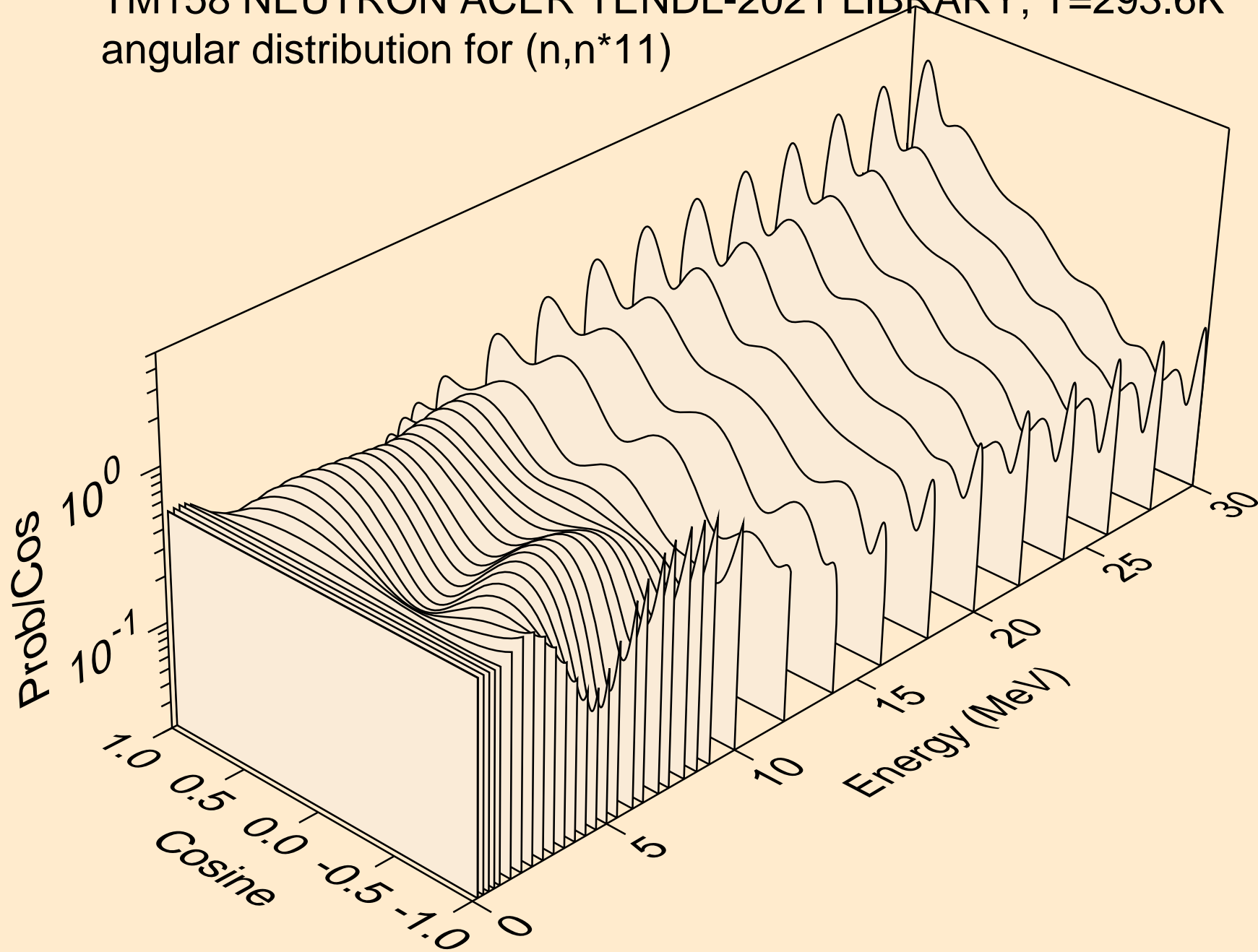
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)



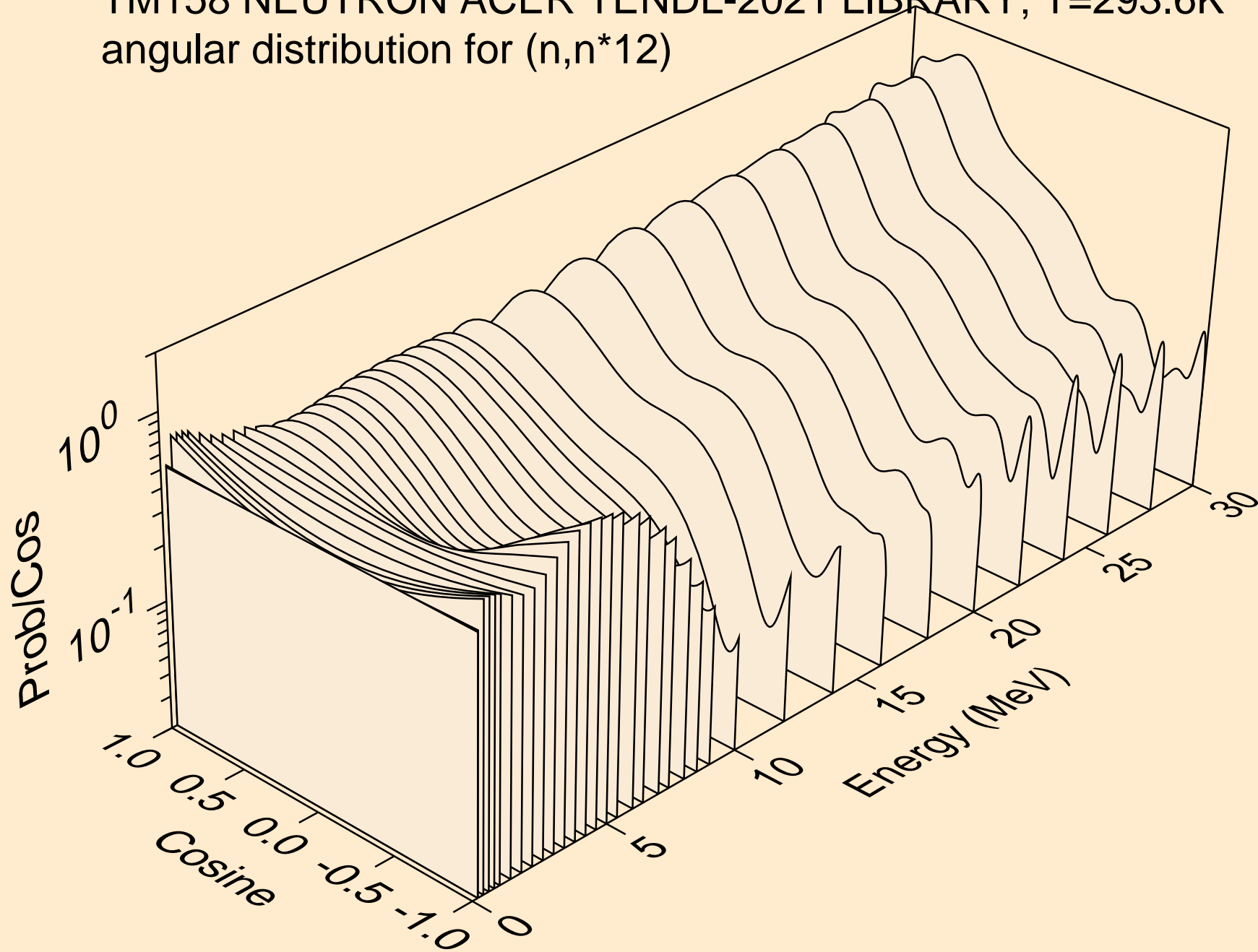
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



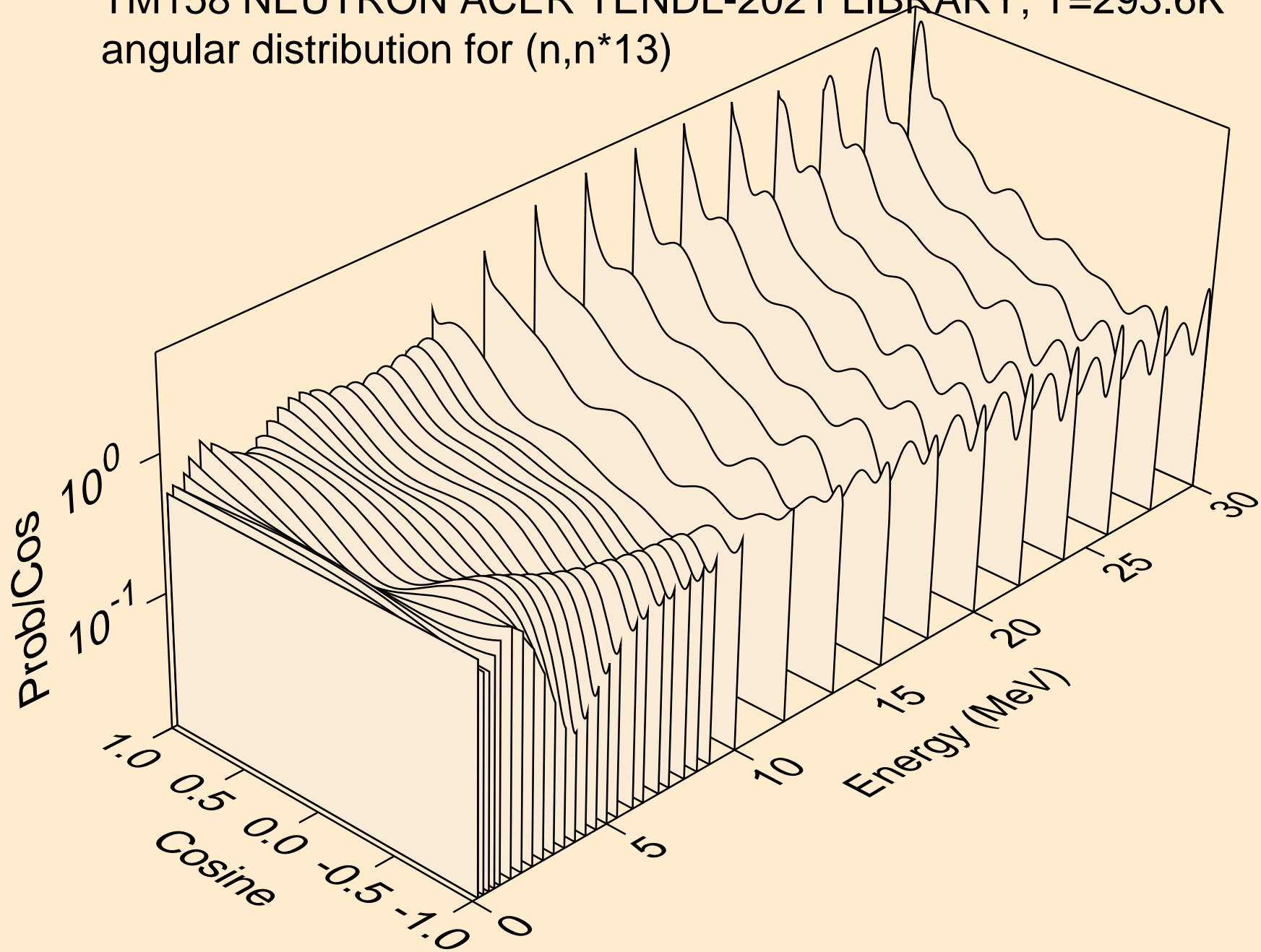
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



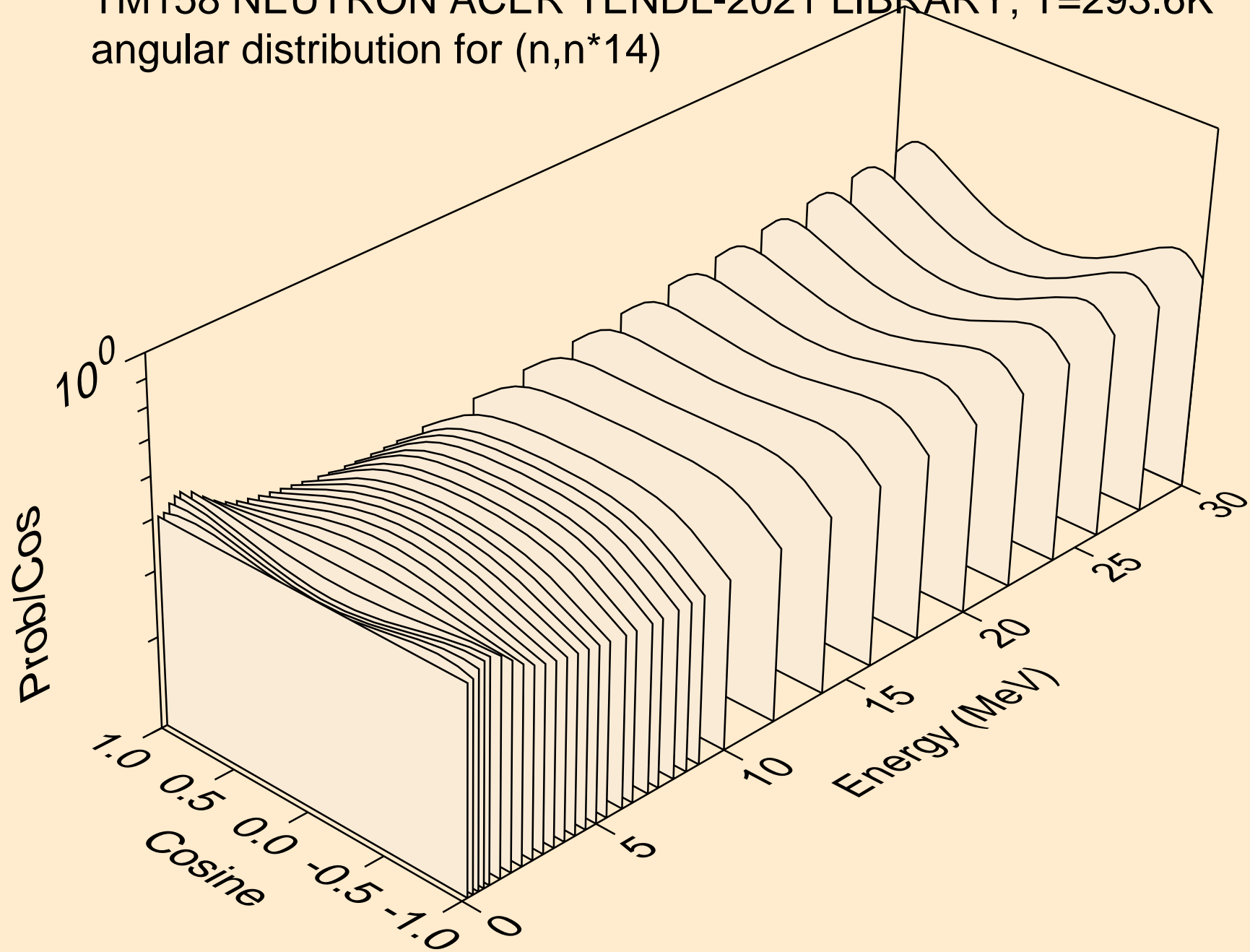
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)

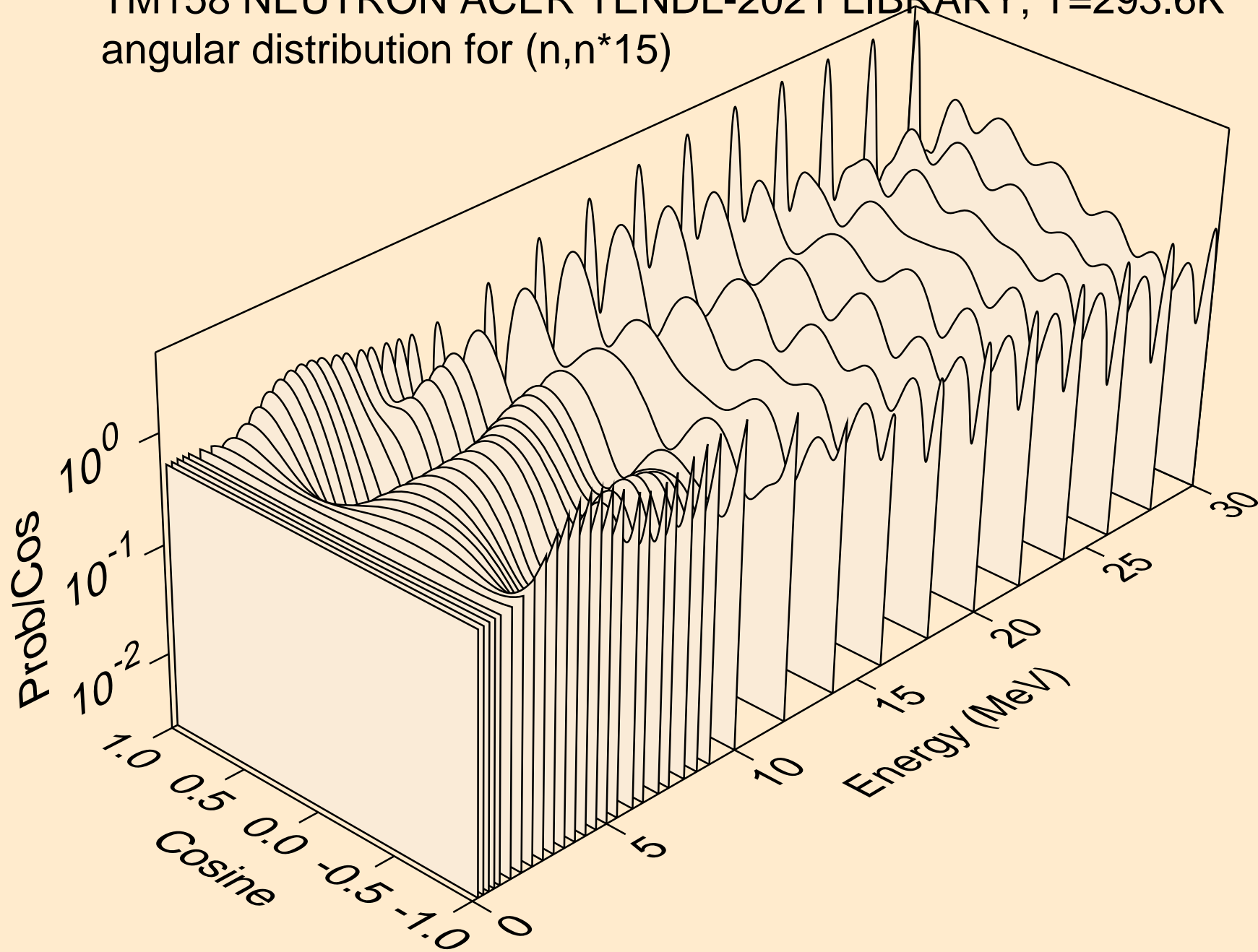


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



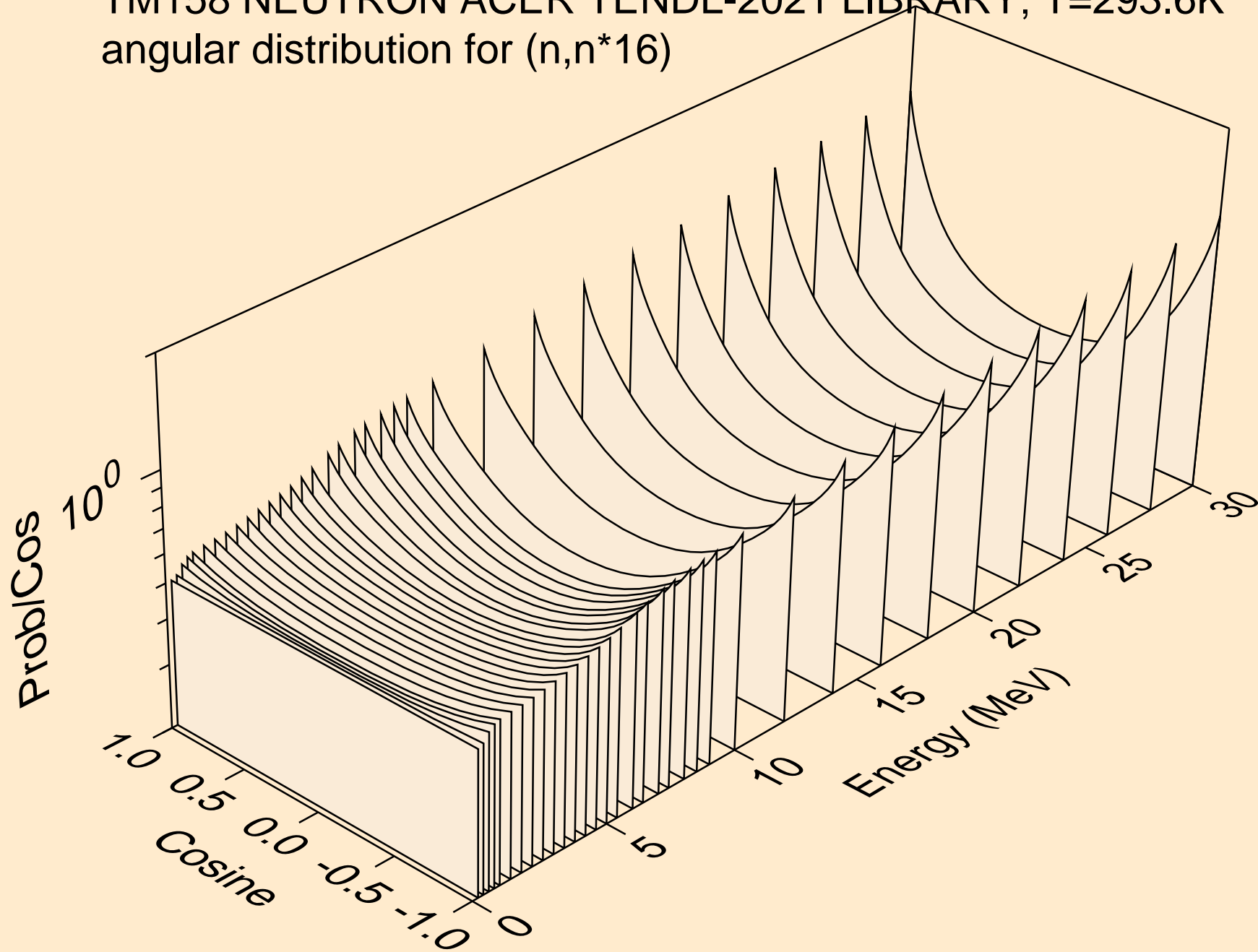


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)

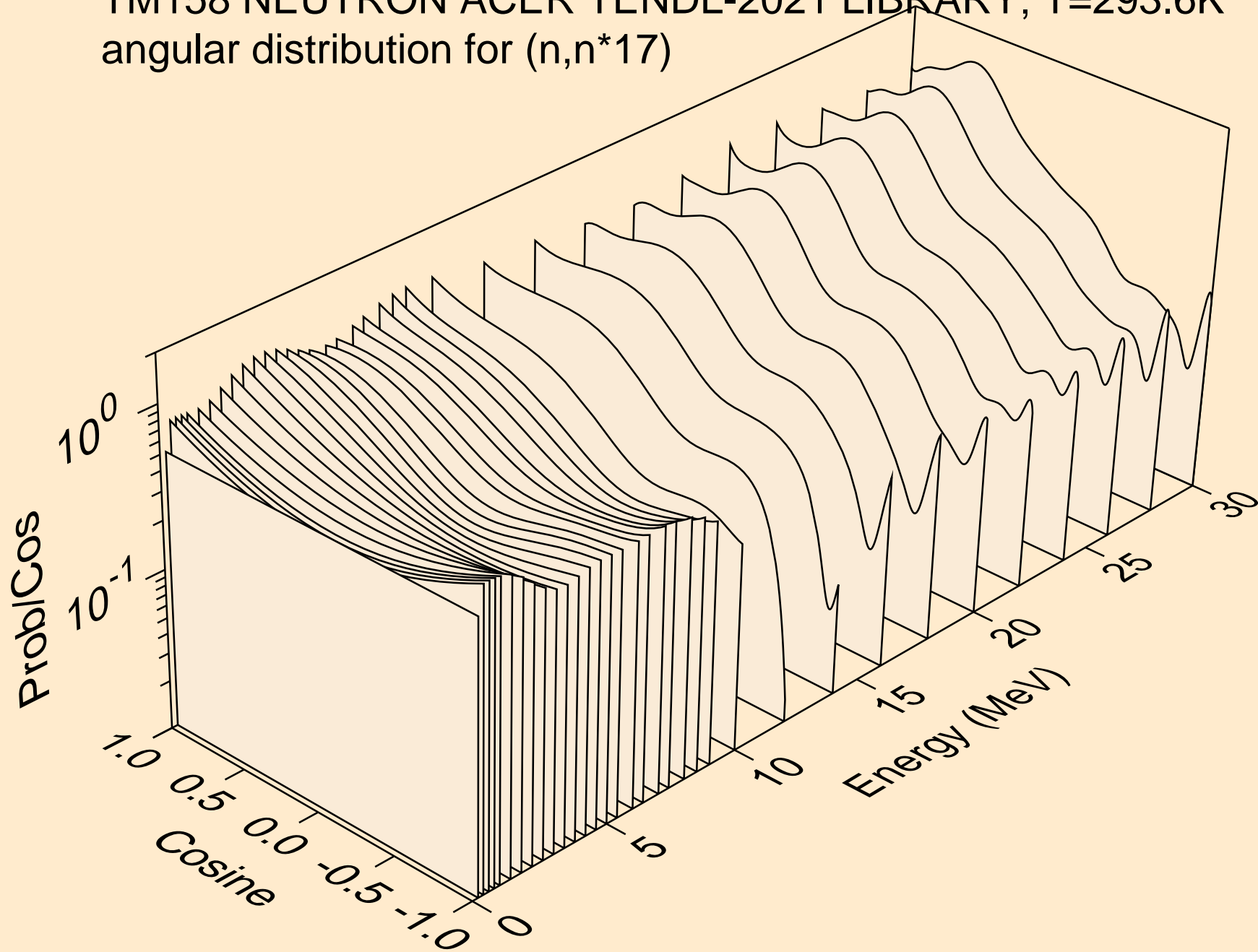




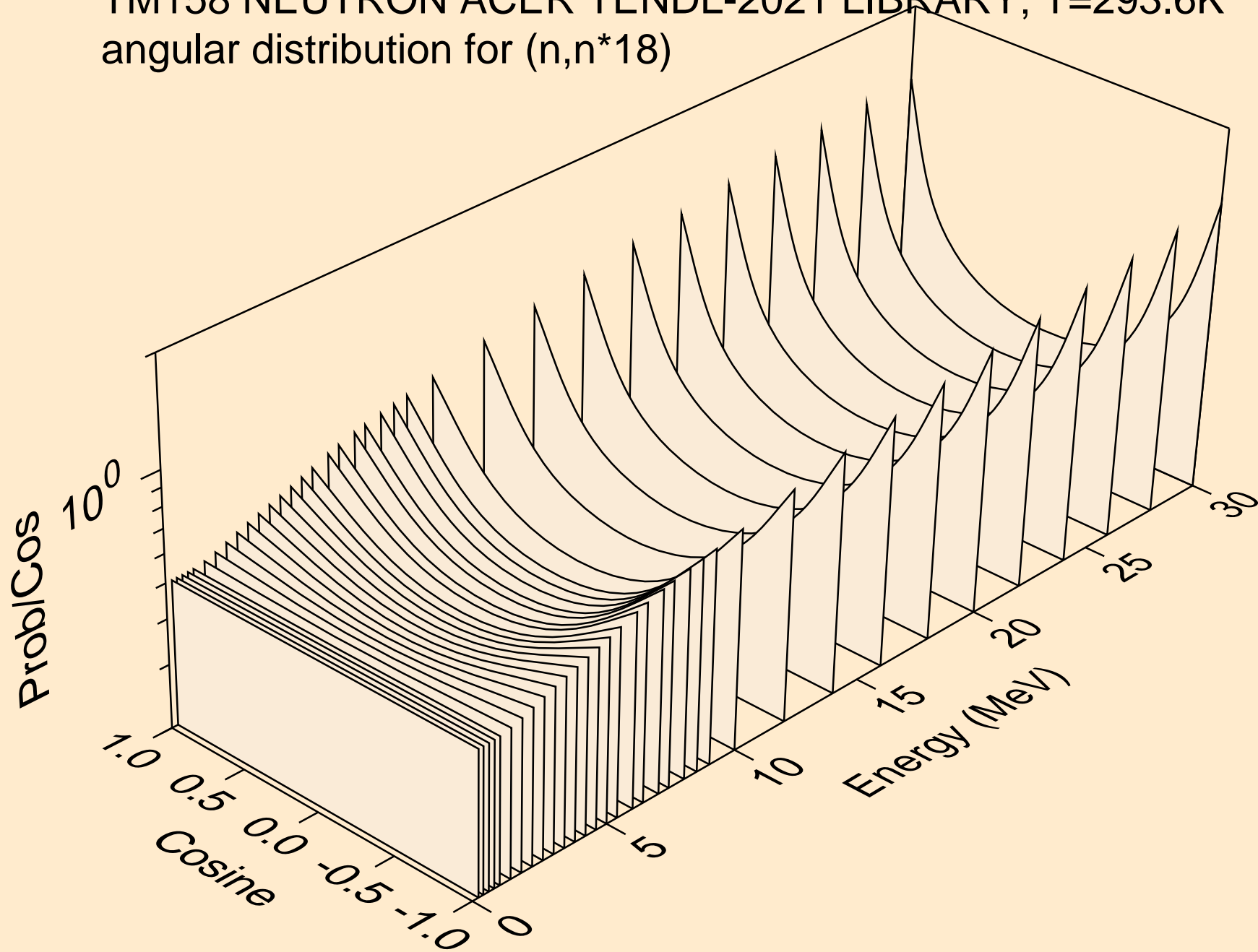
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angular distribution for (n,n\*16)



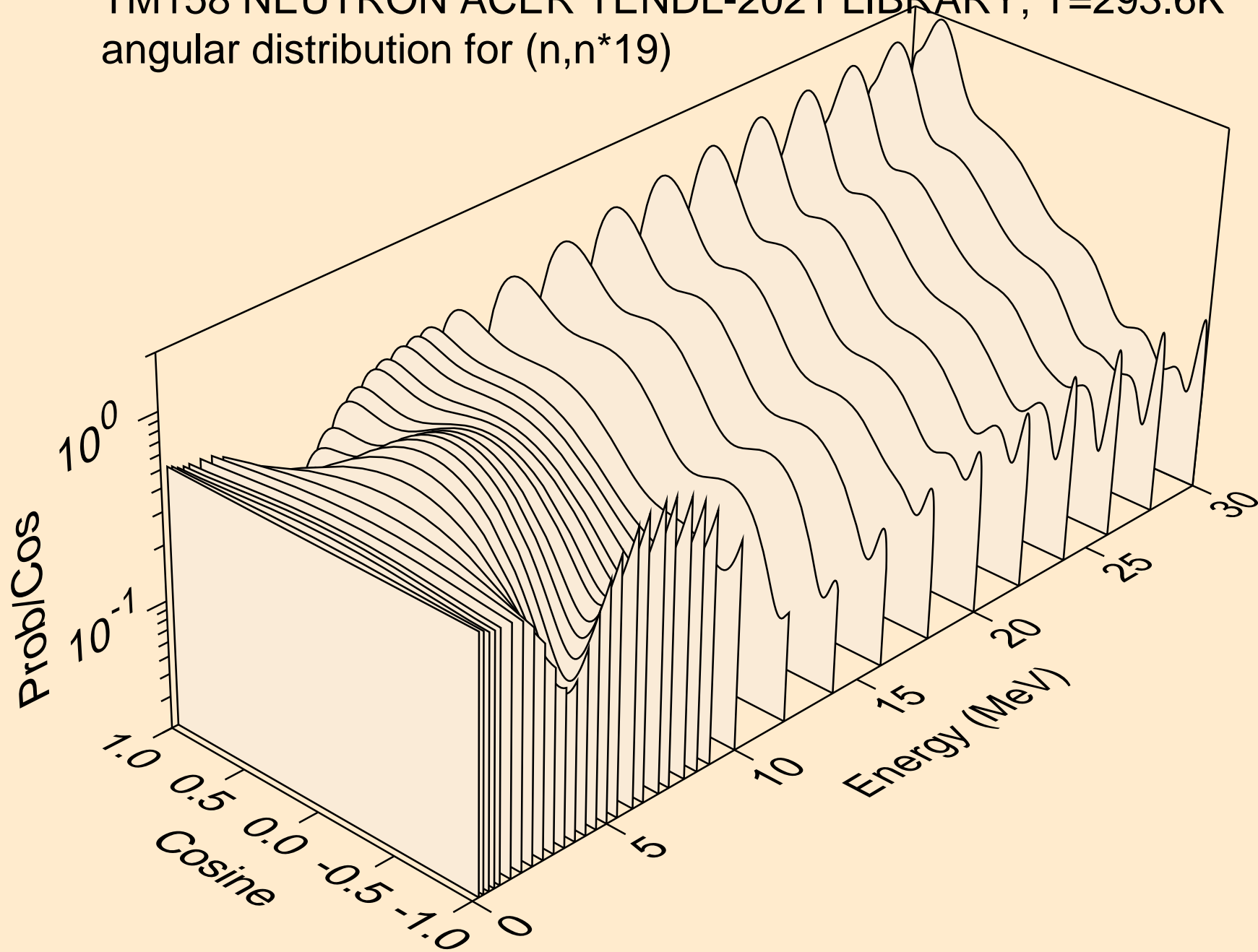
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)



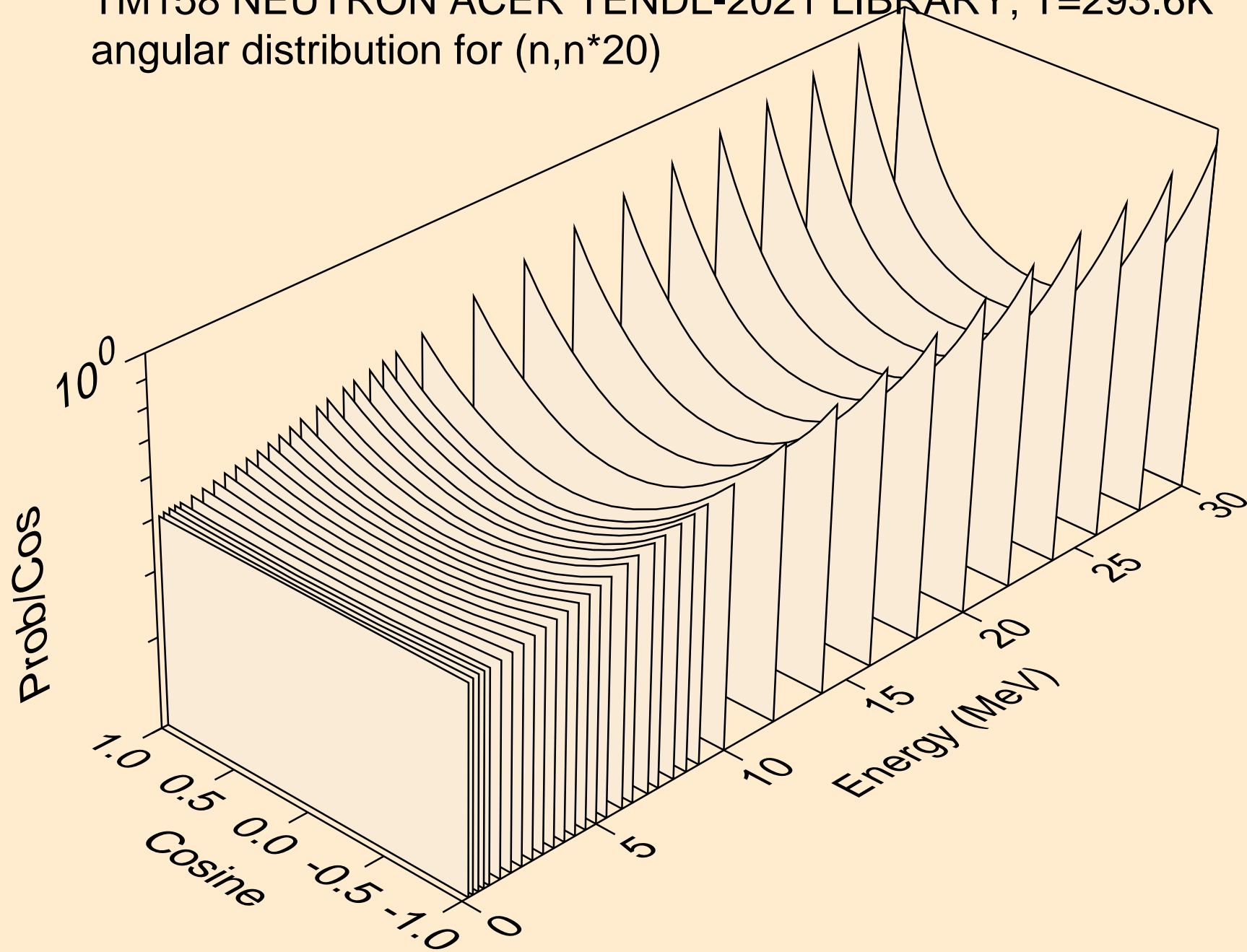
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



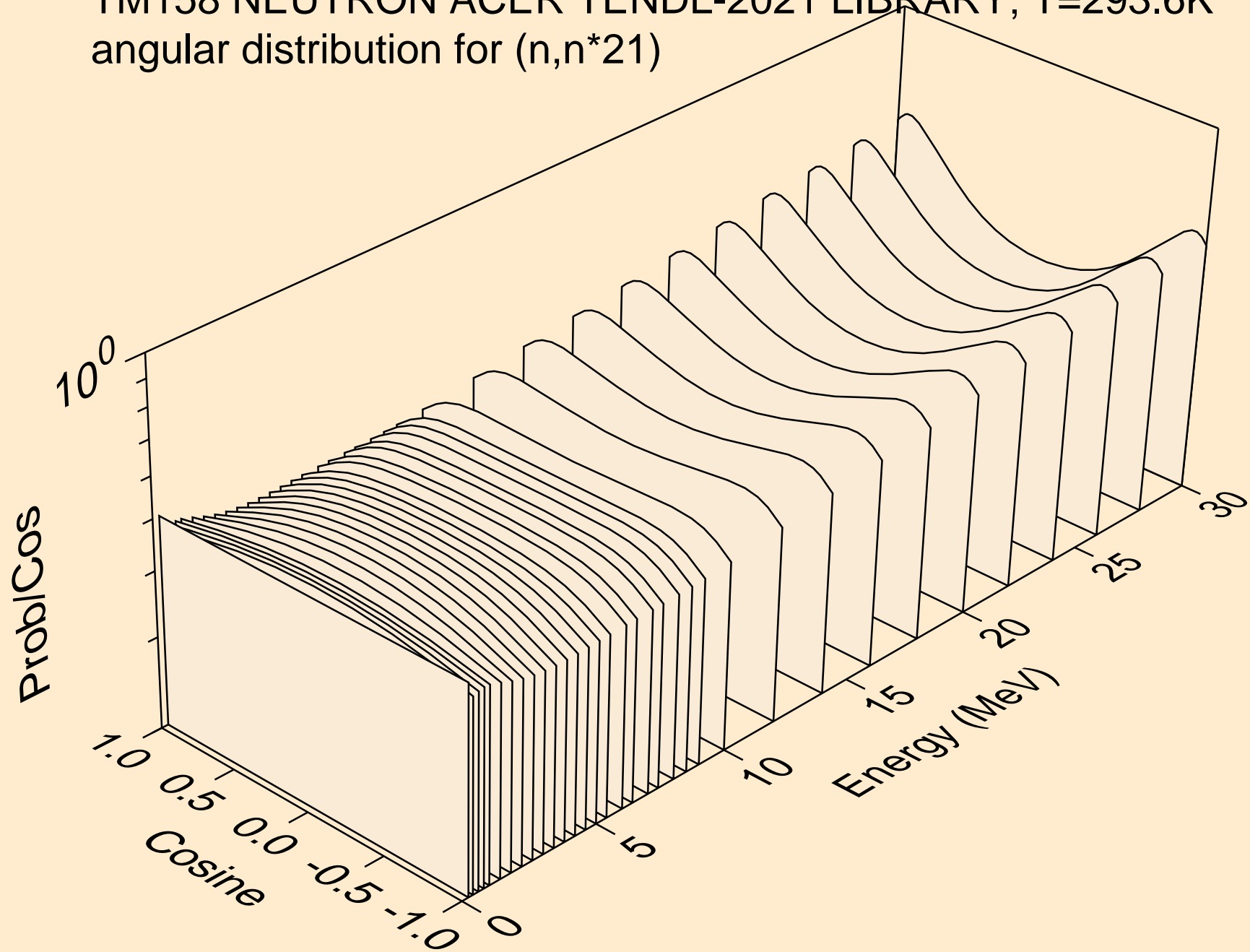
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angular distribution for (n,n\*19)



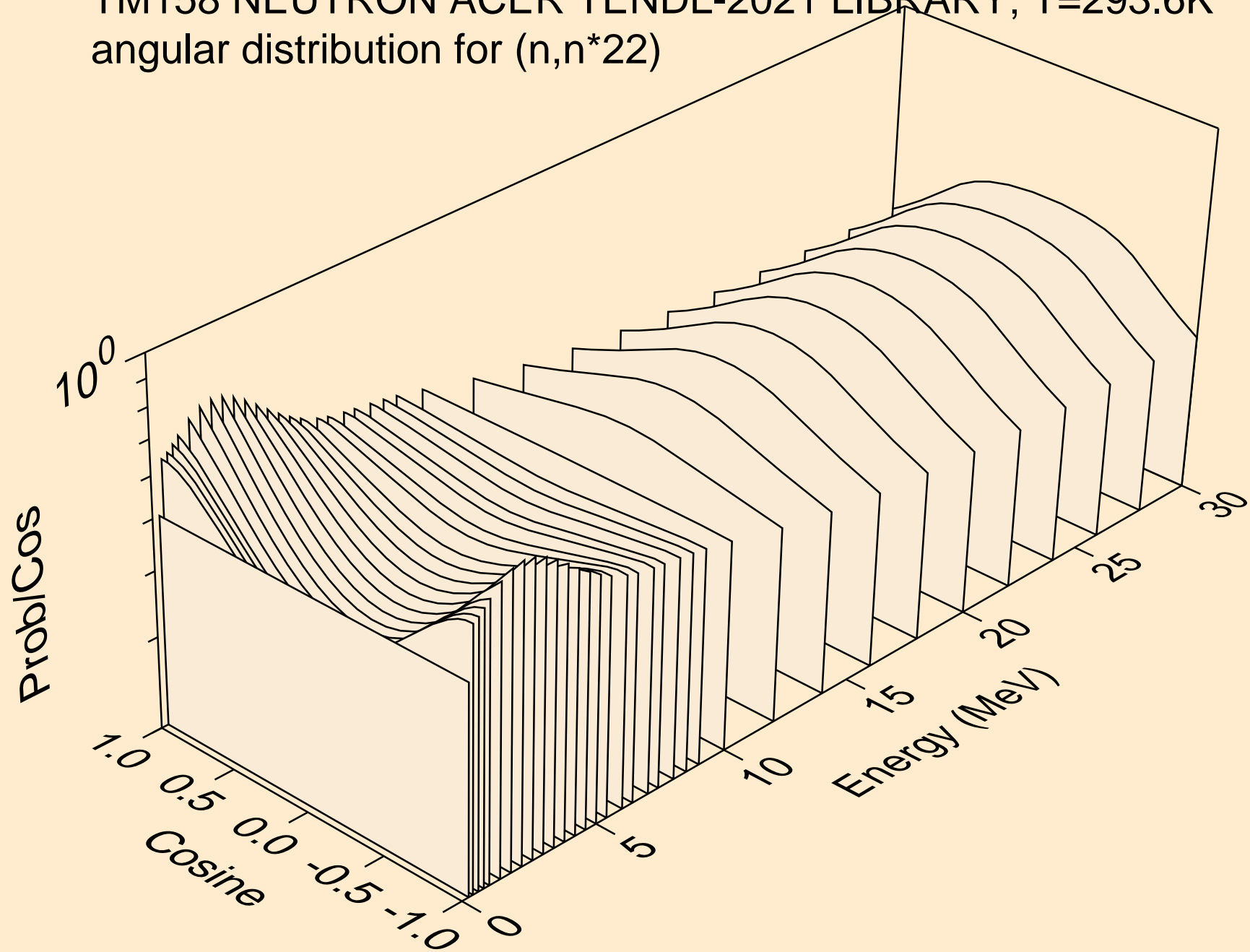
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*20)



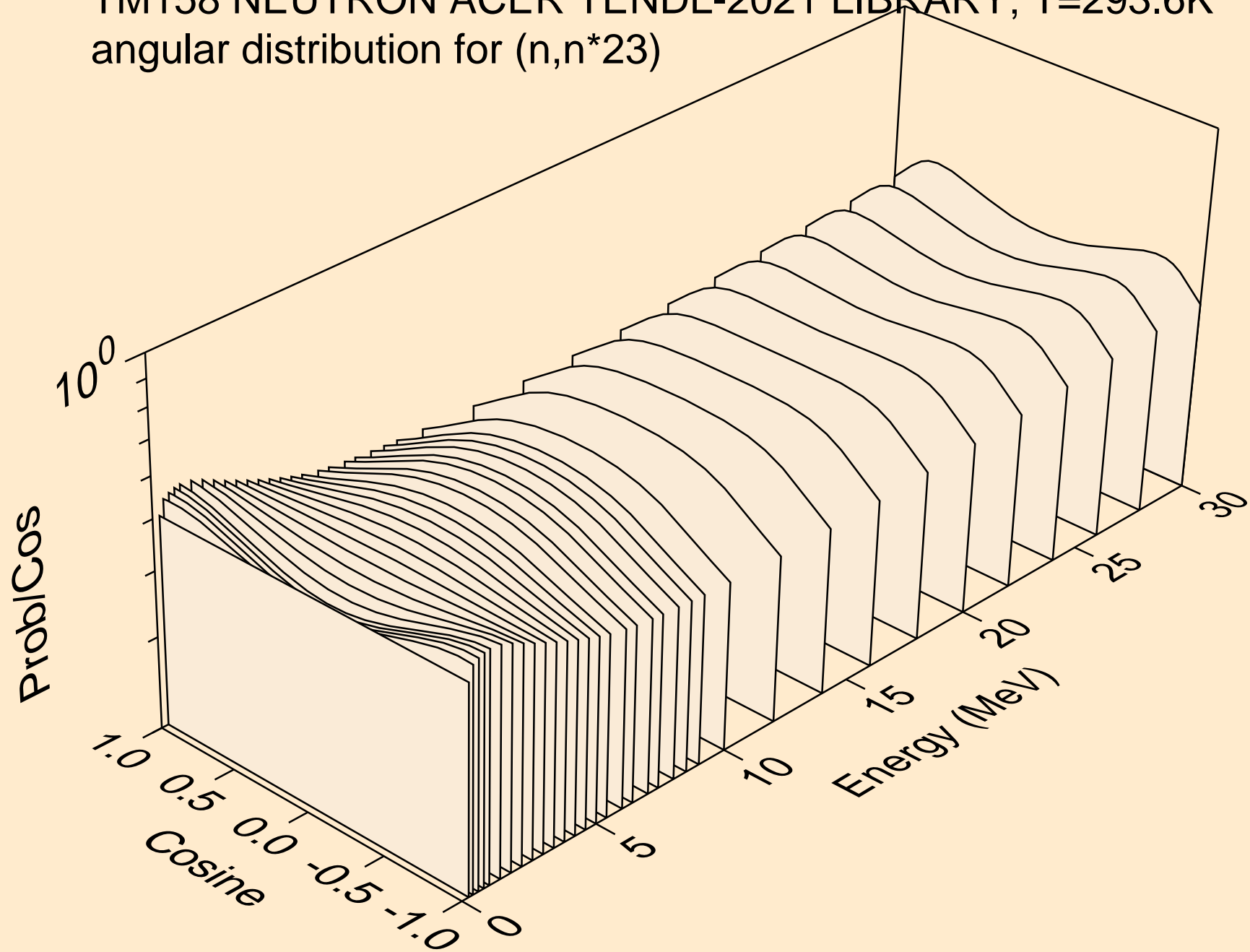
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*21)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)

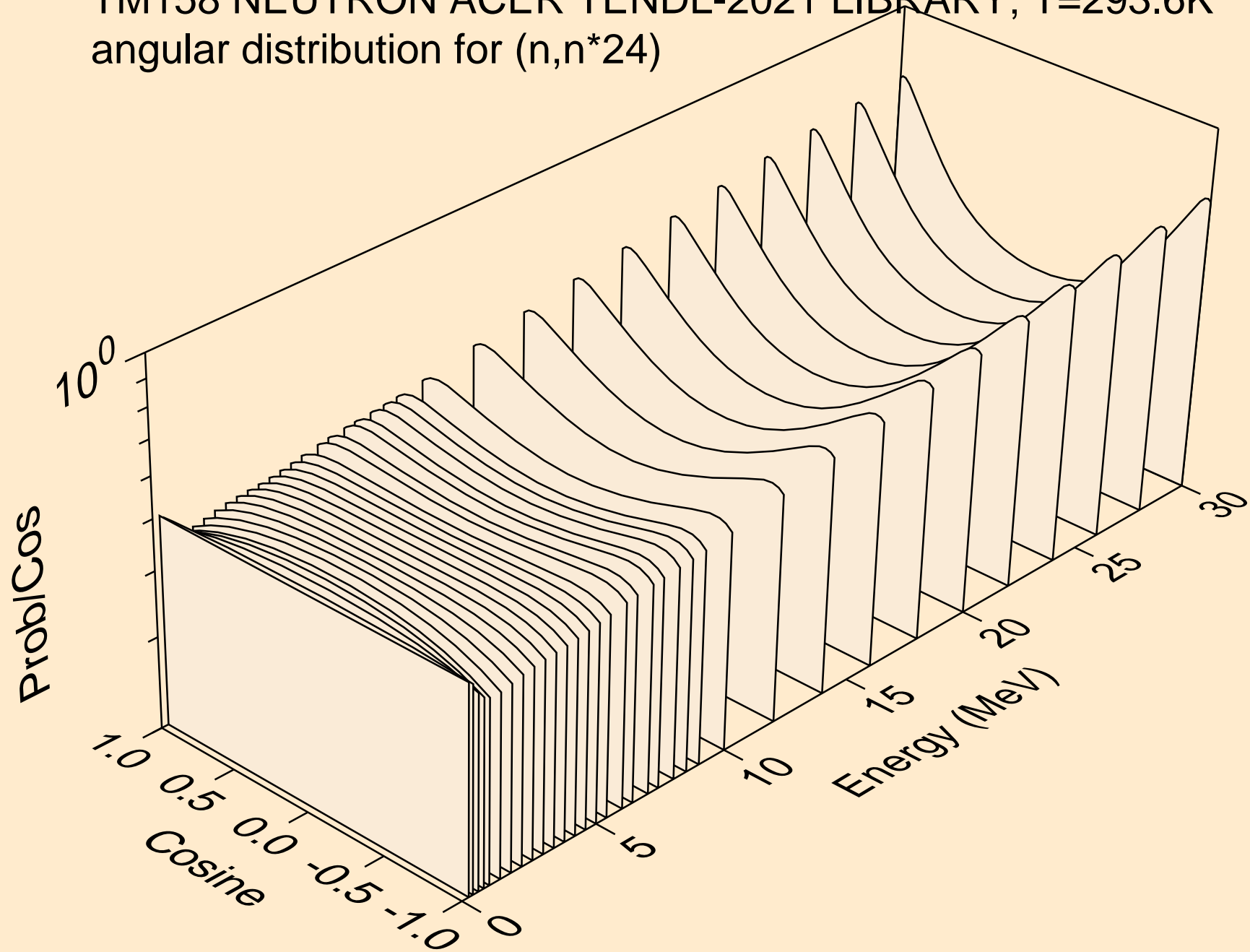


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)

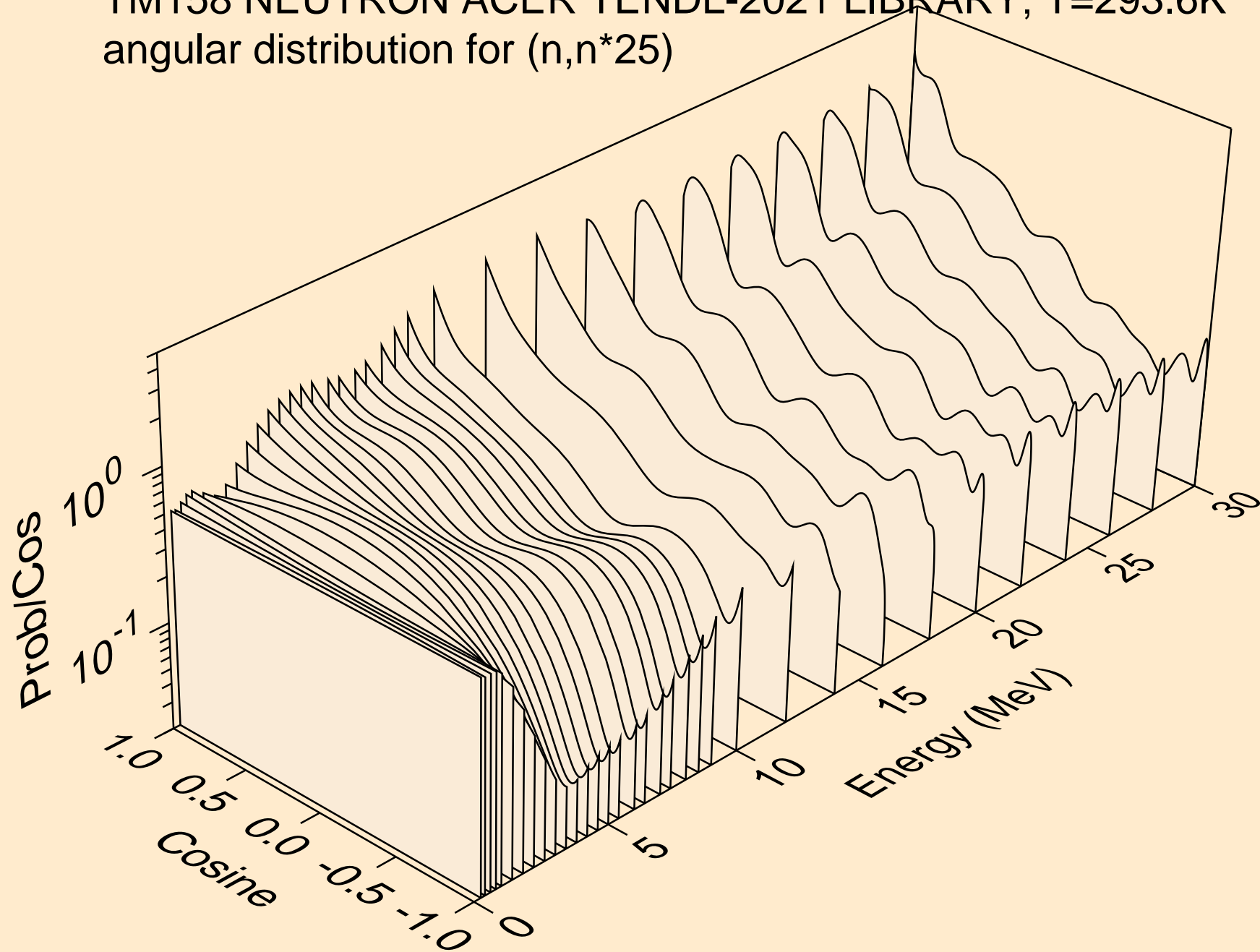




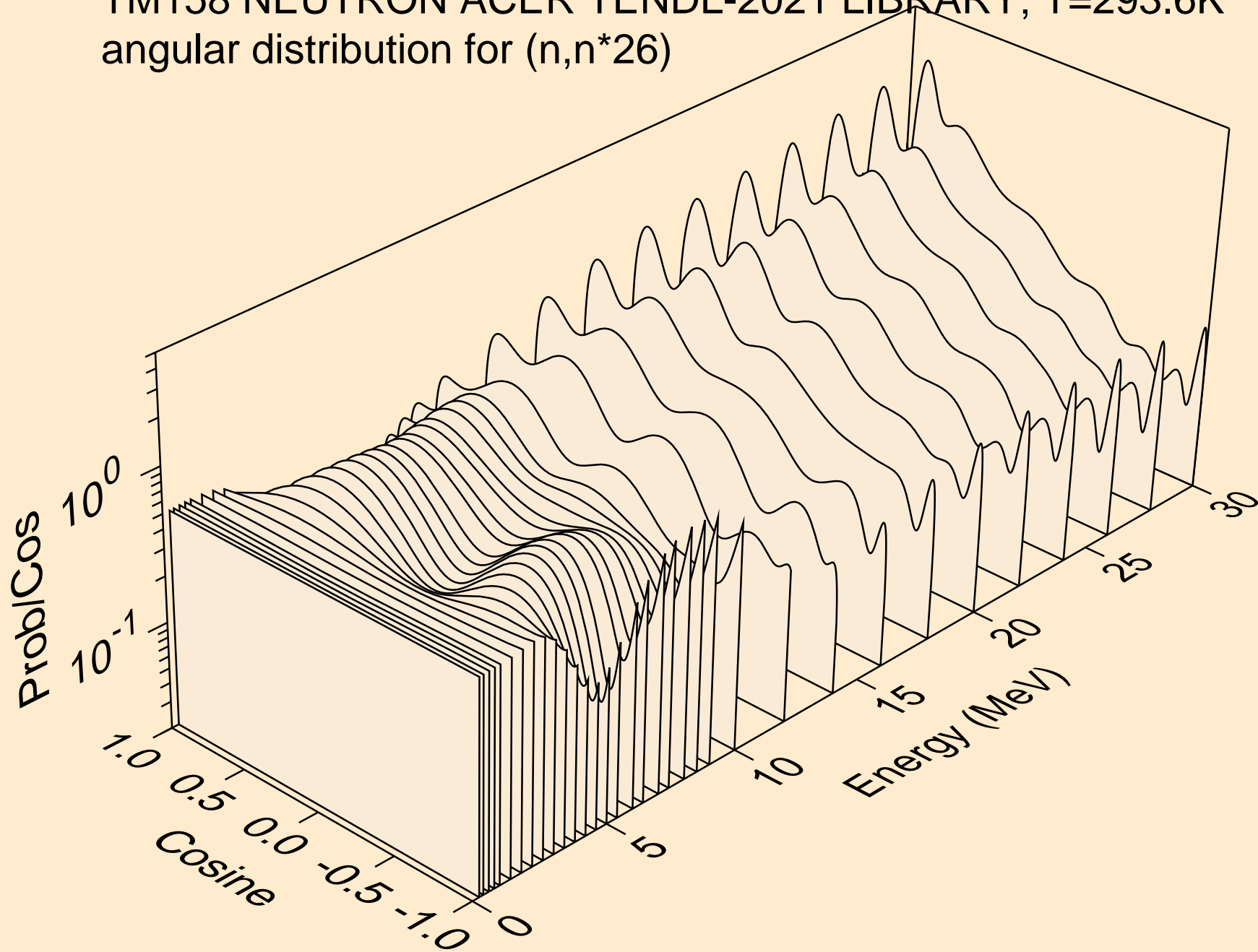
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angular distribution for (n,n\*24)



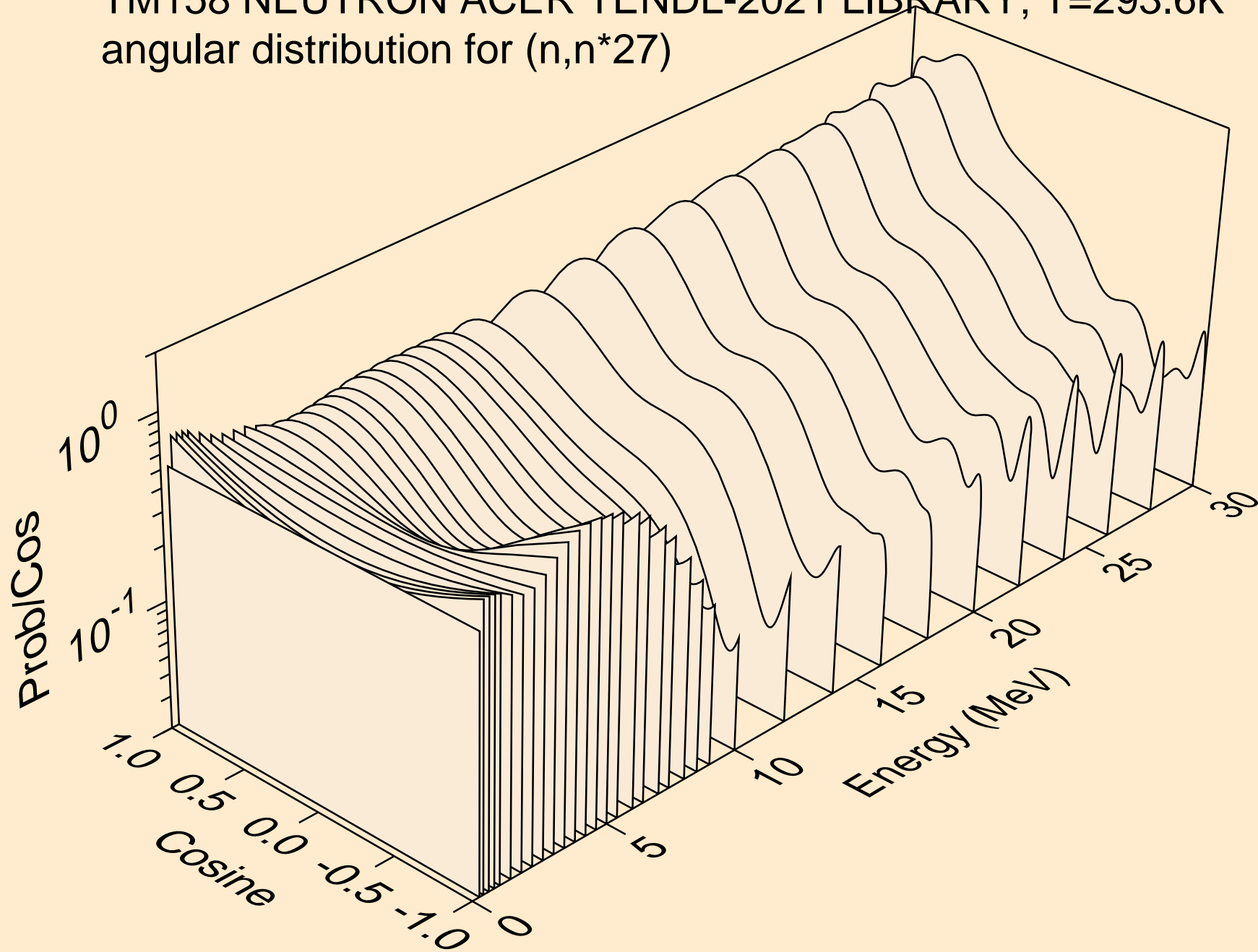
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angular distribution for (n,n\*25)



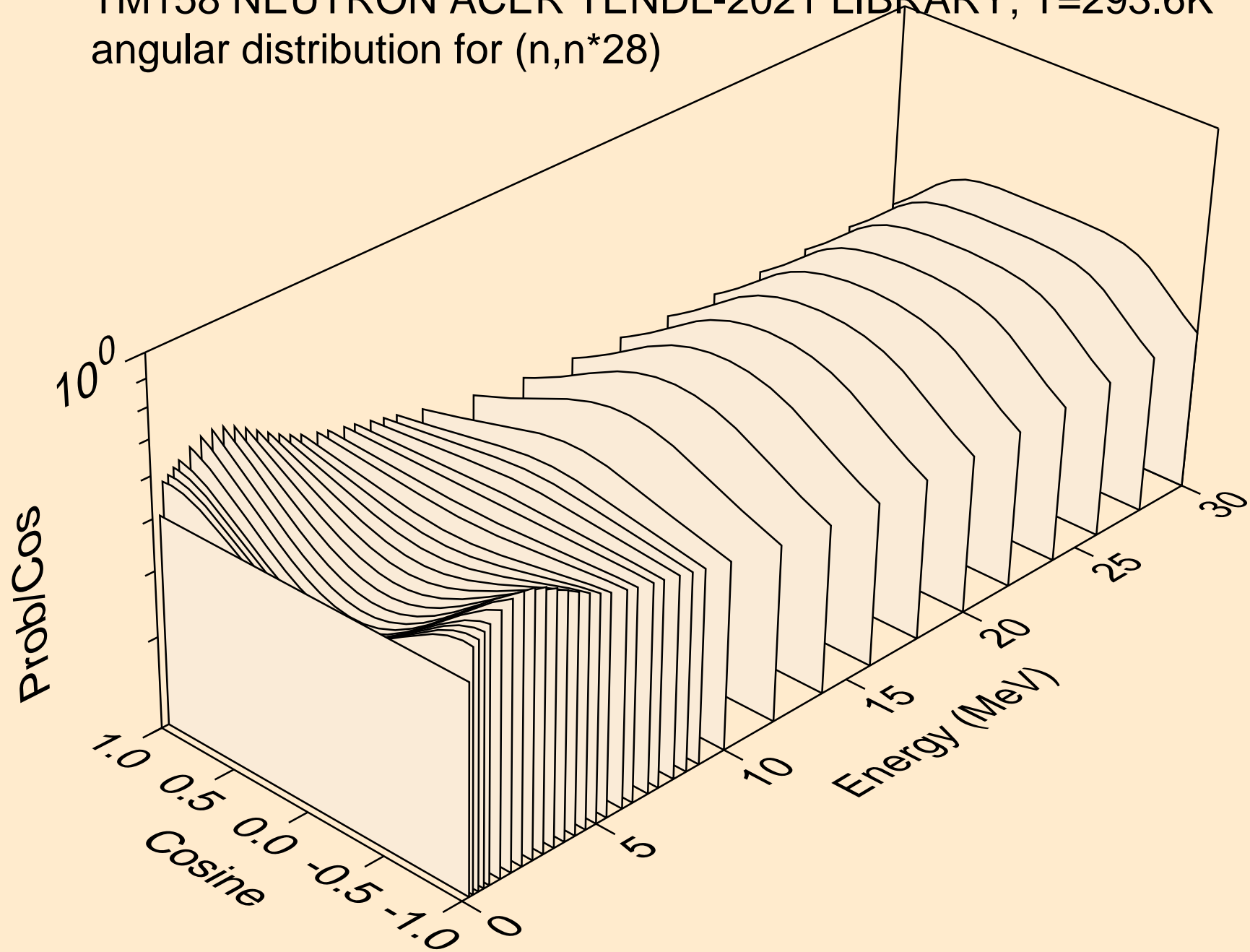
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angular distribution for (n,n\*26)



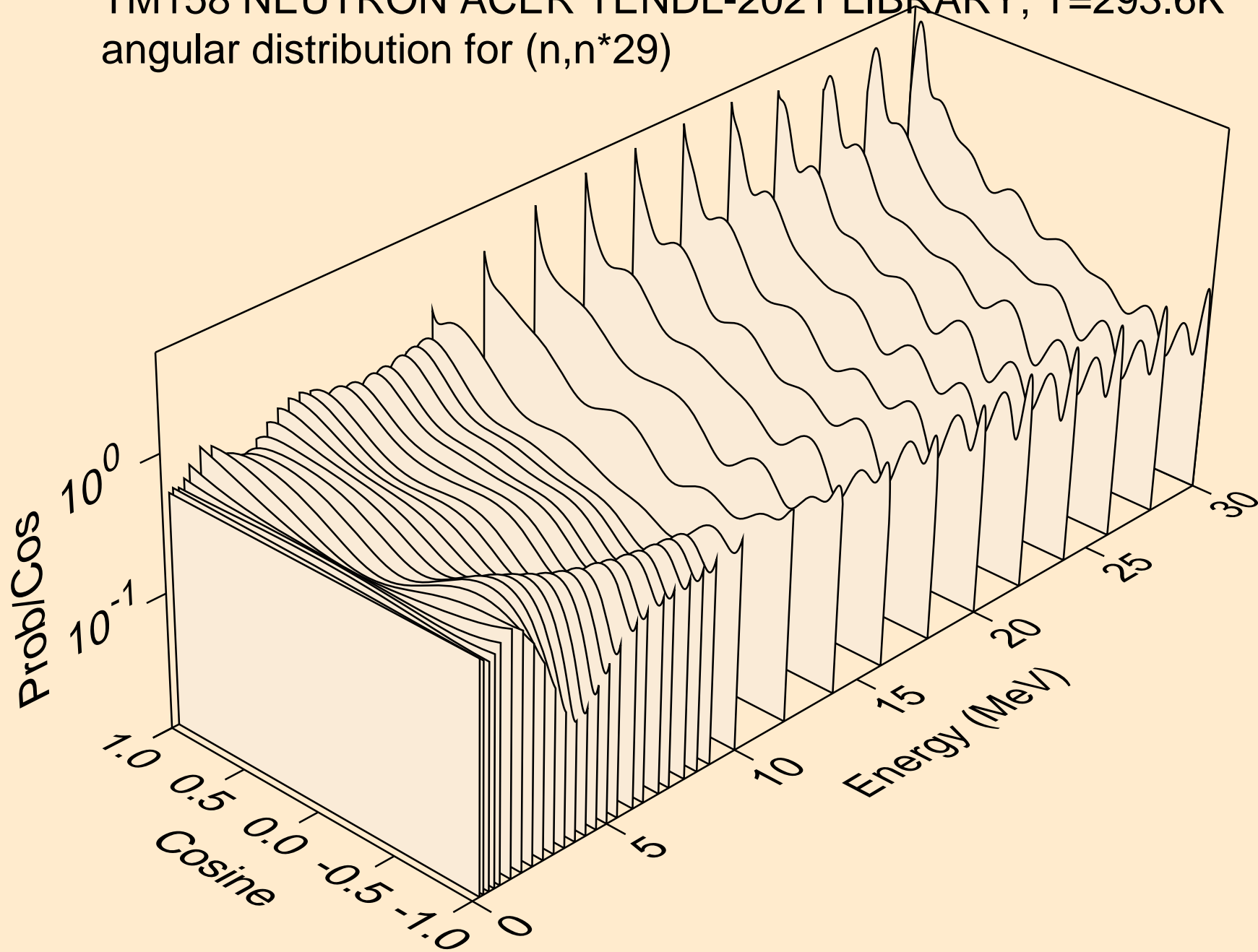
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angular distribution for (n,n\*27)



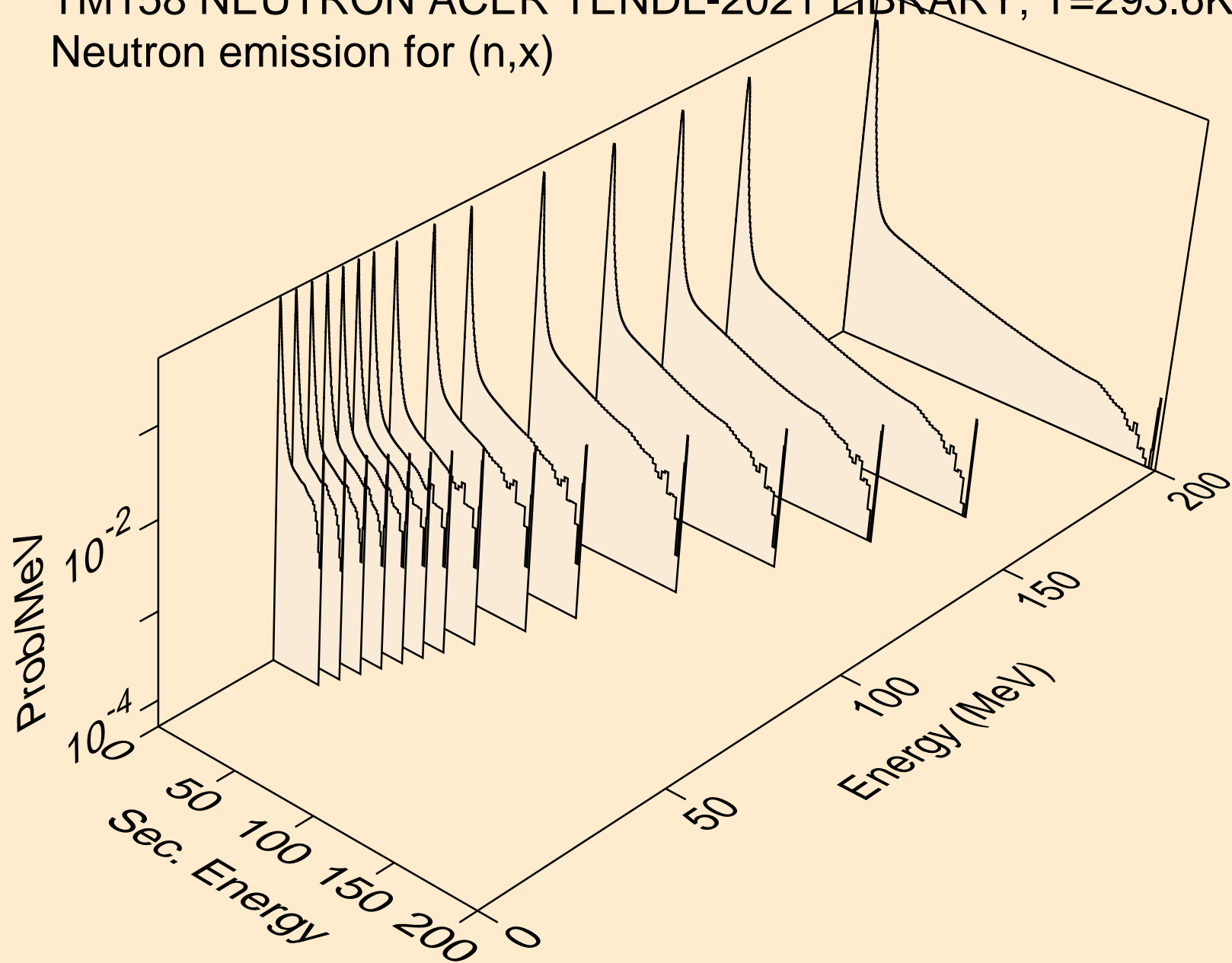
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



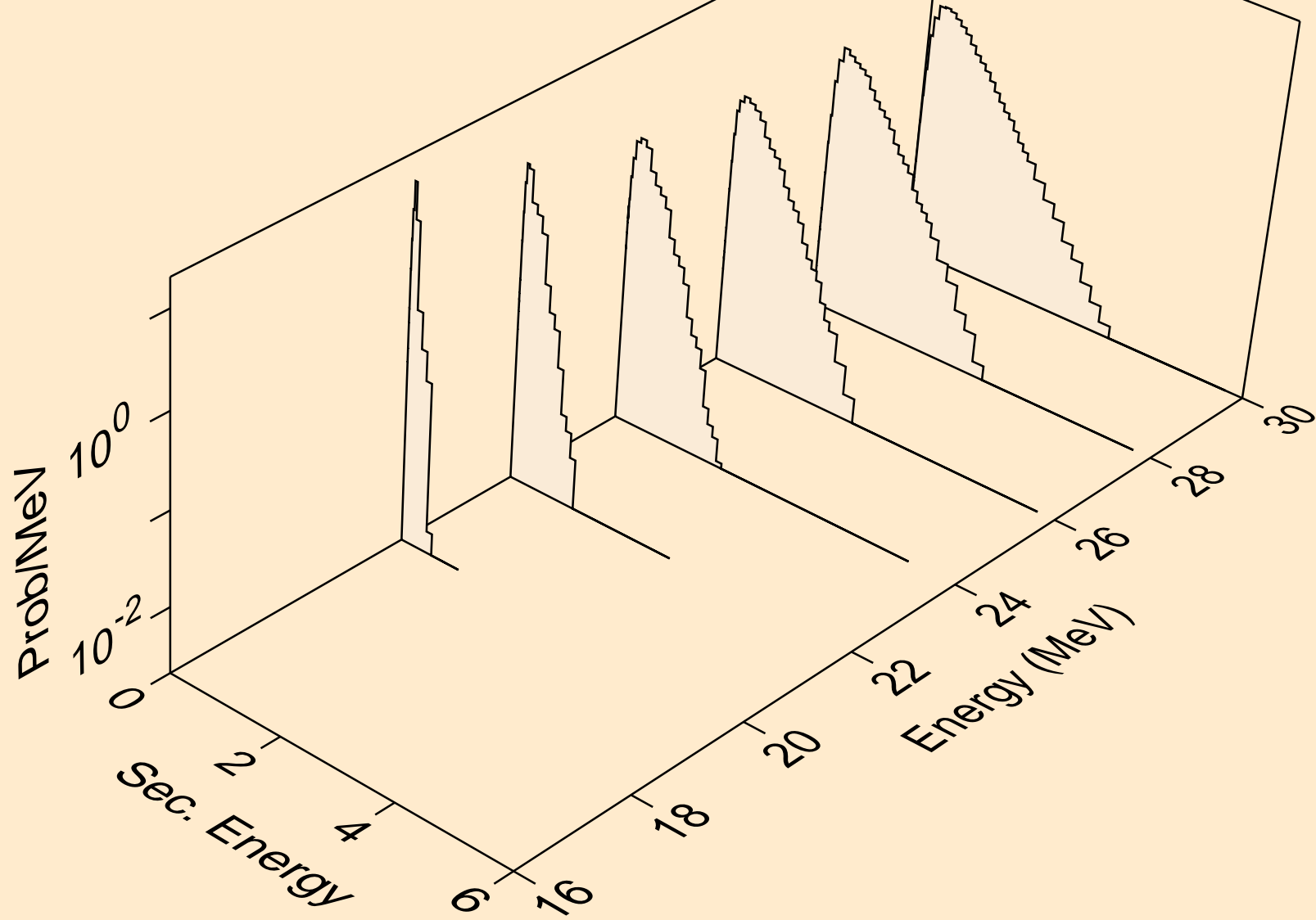
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

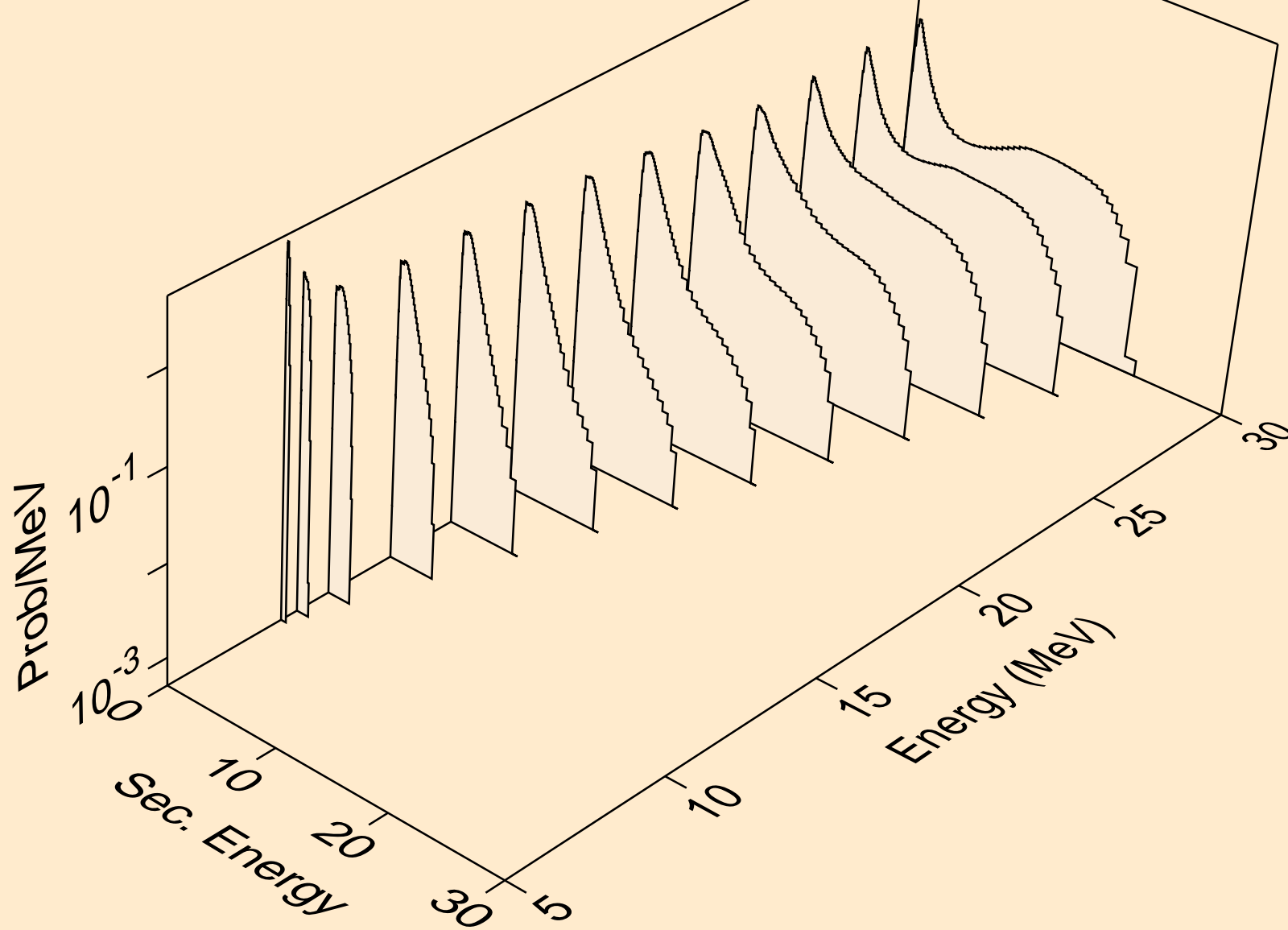


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

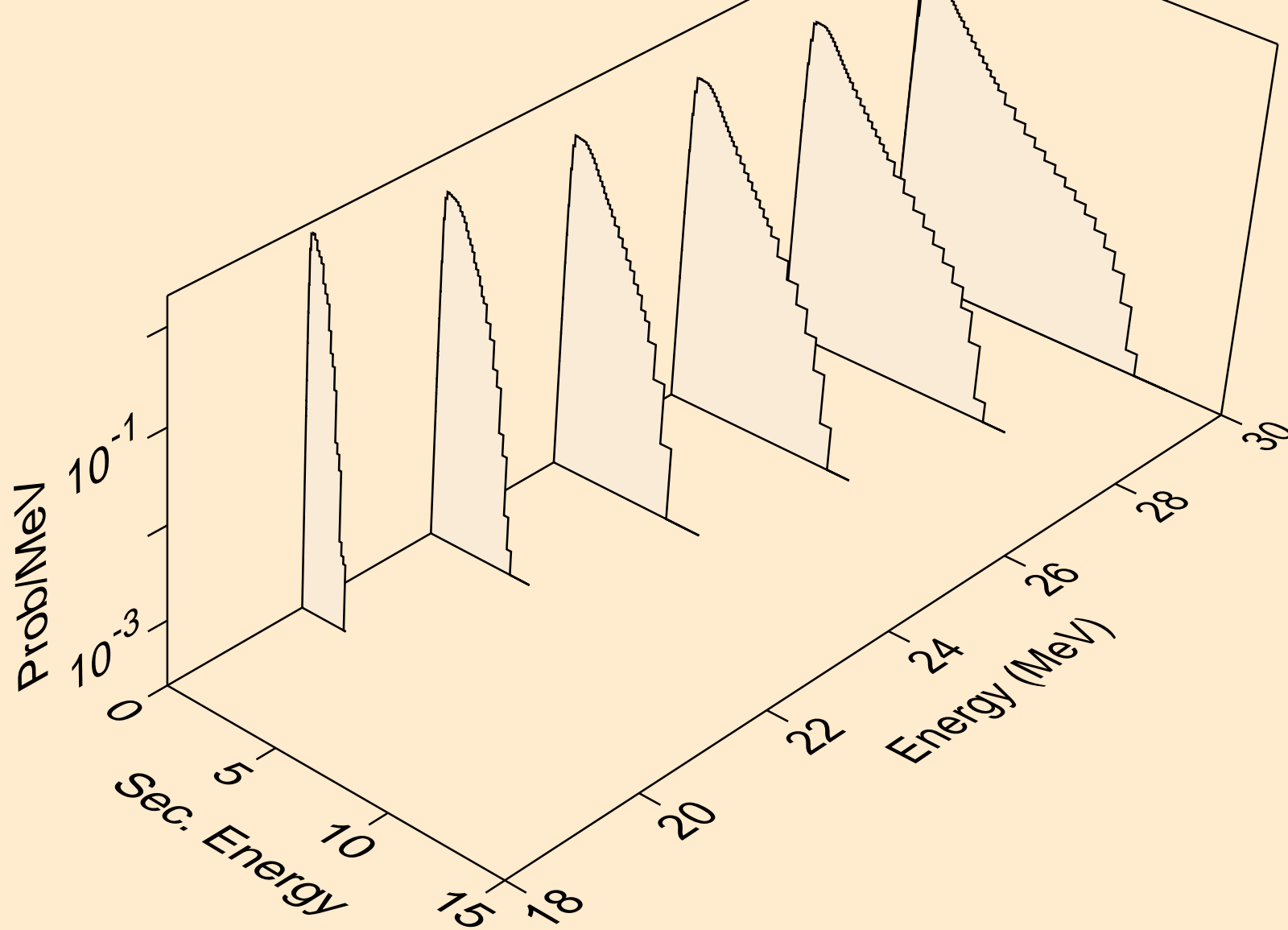




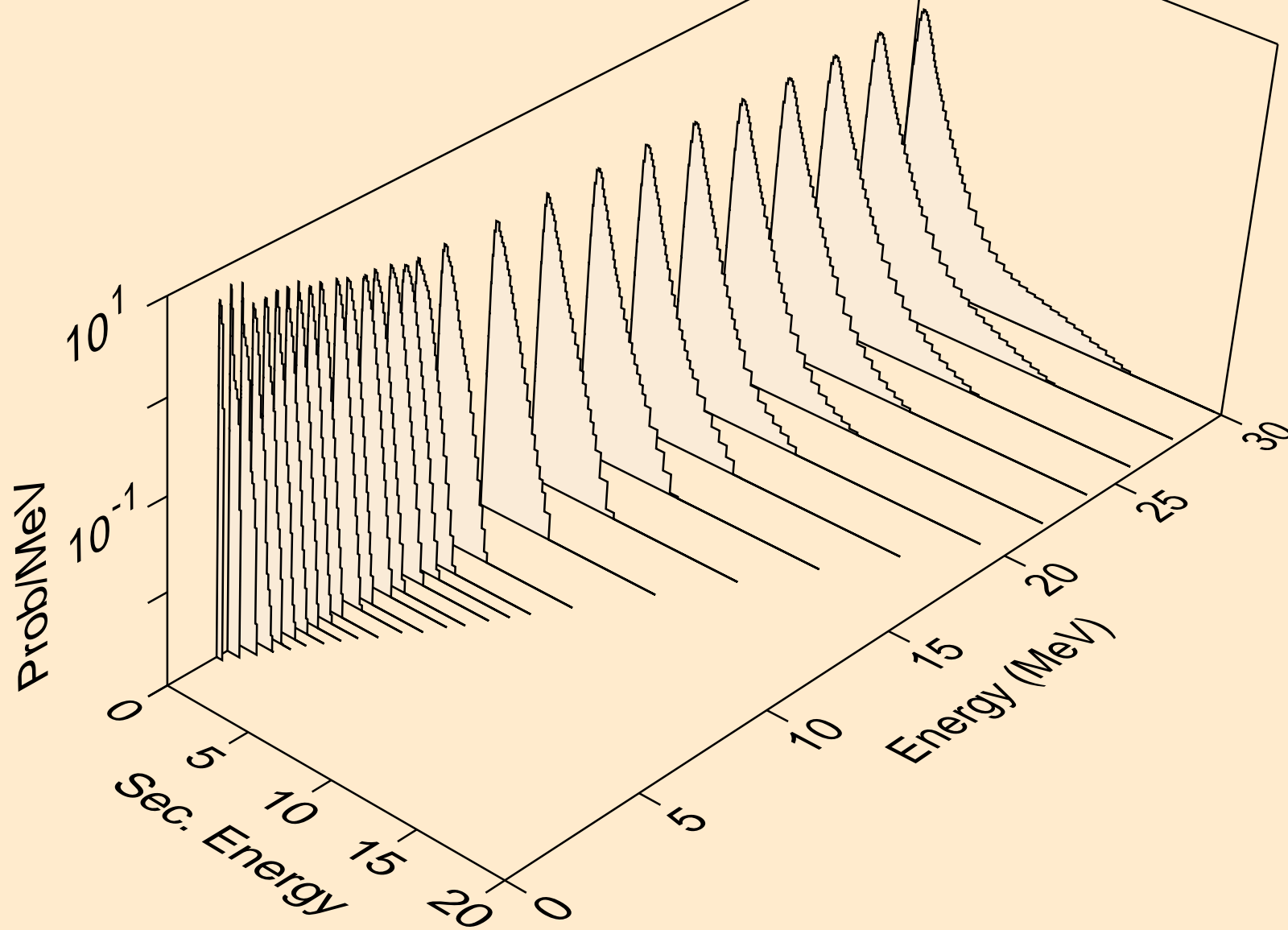
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



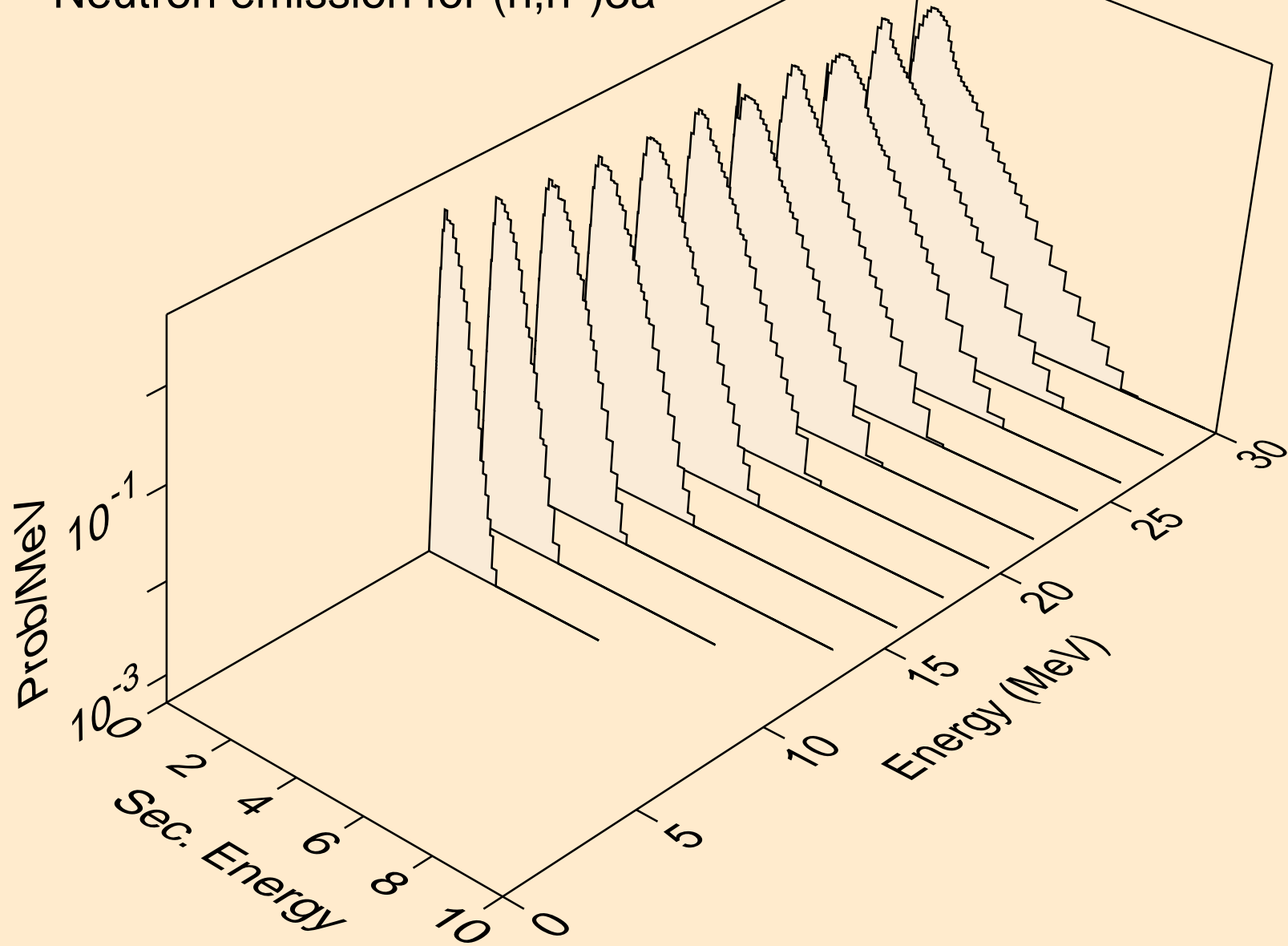
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



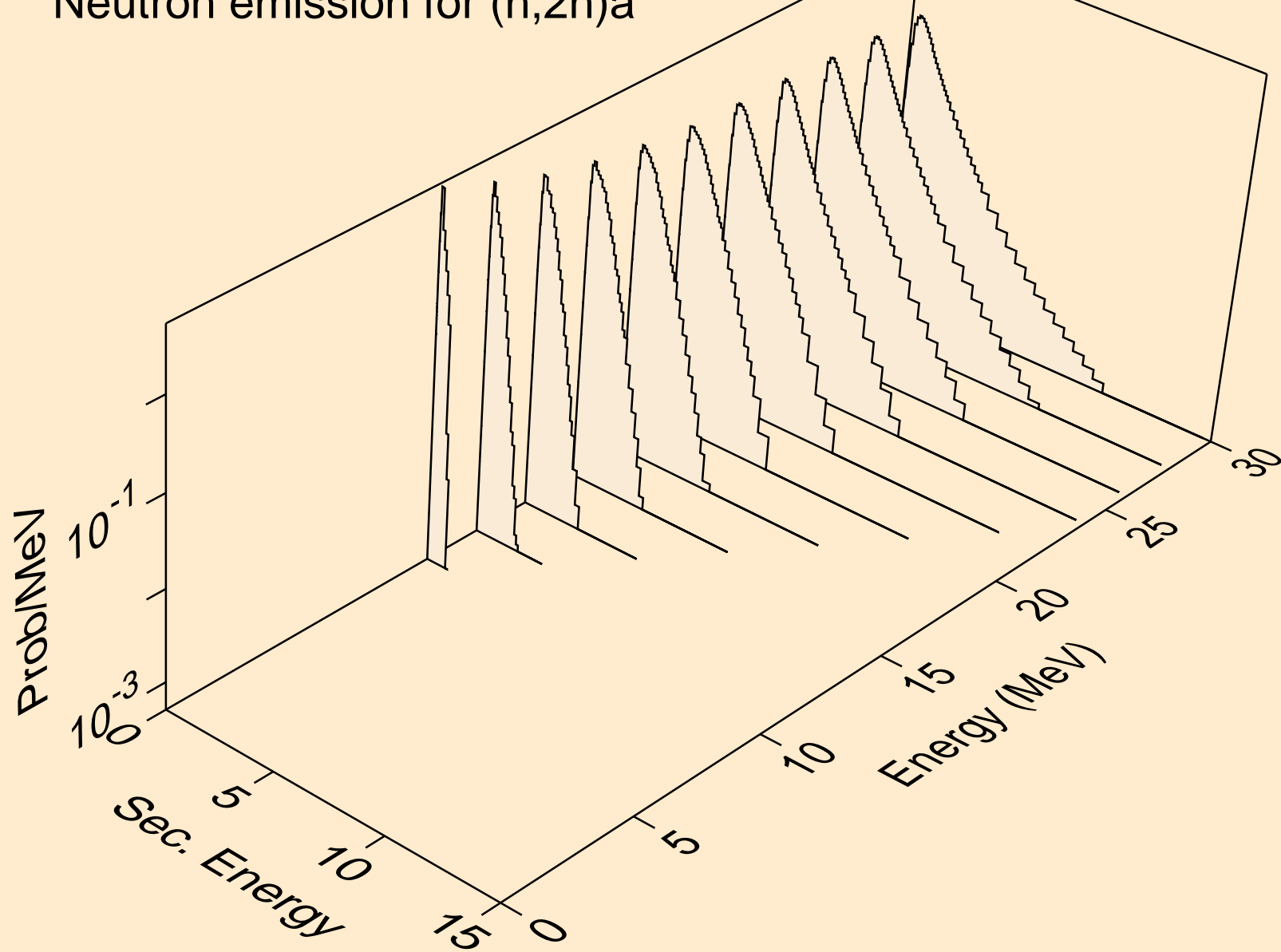
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



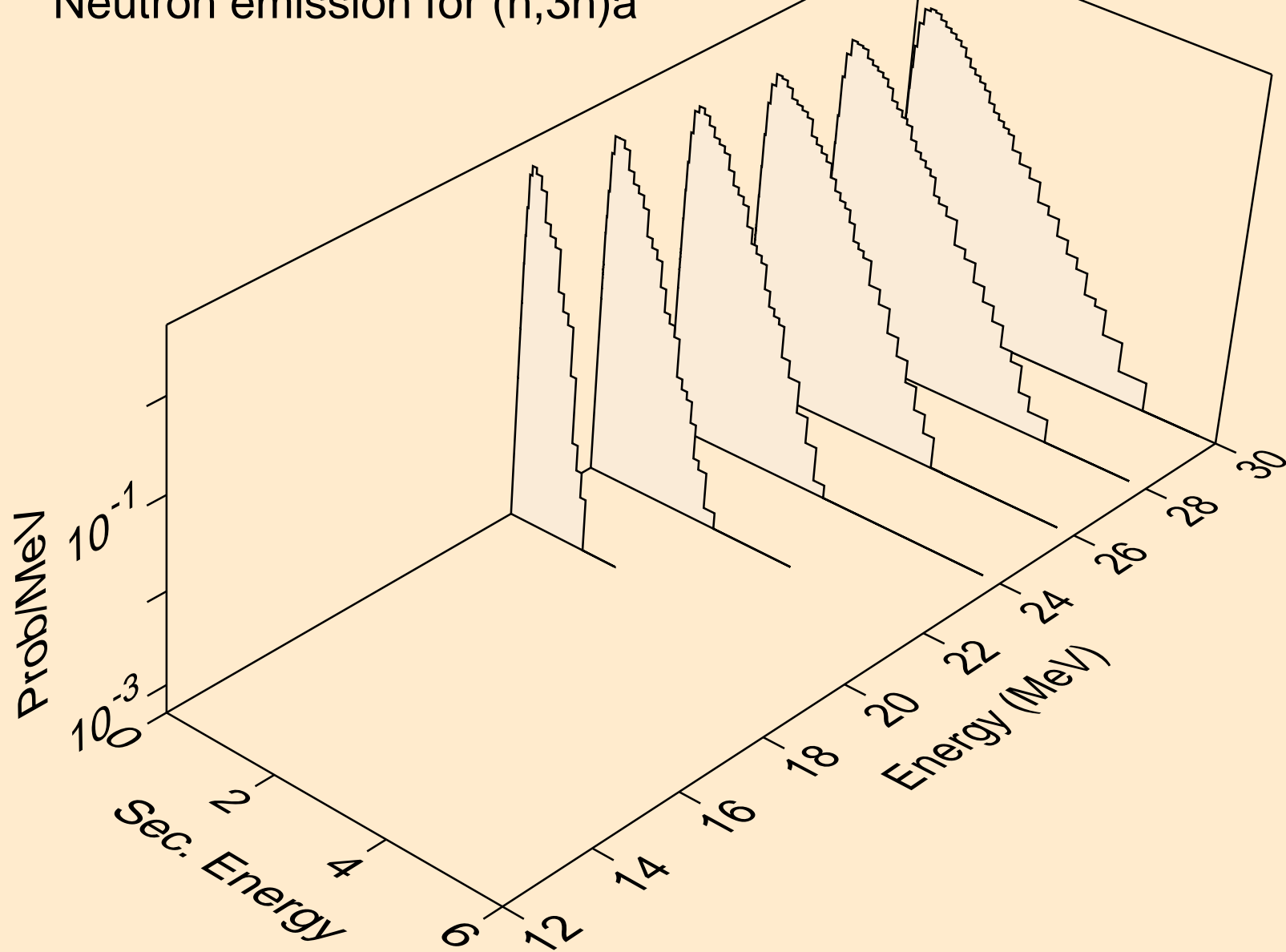
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)3a



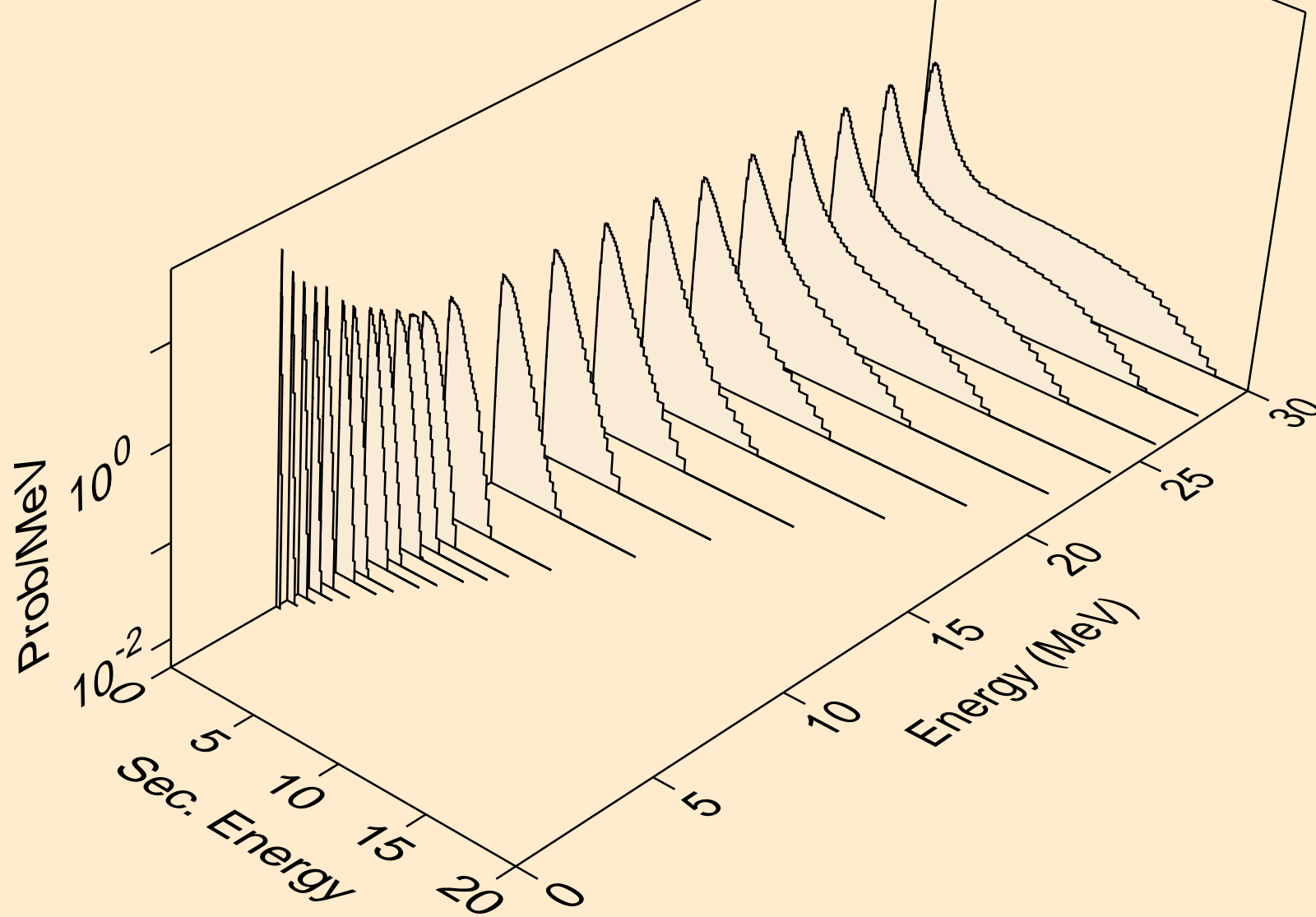
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



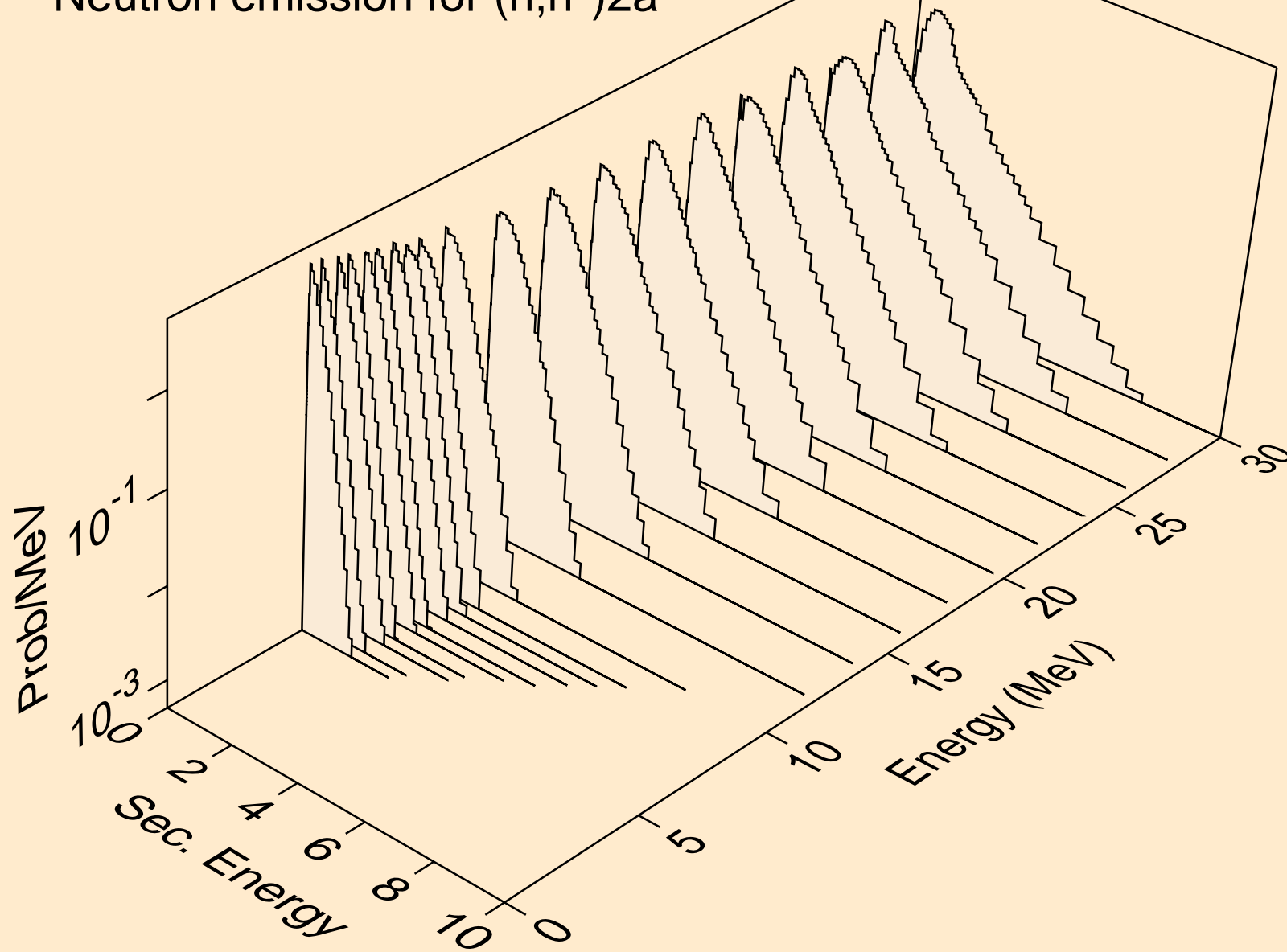
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

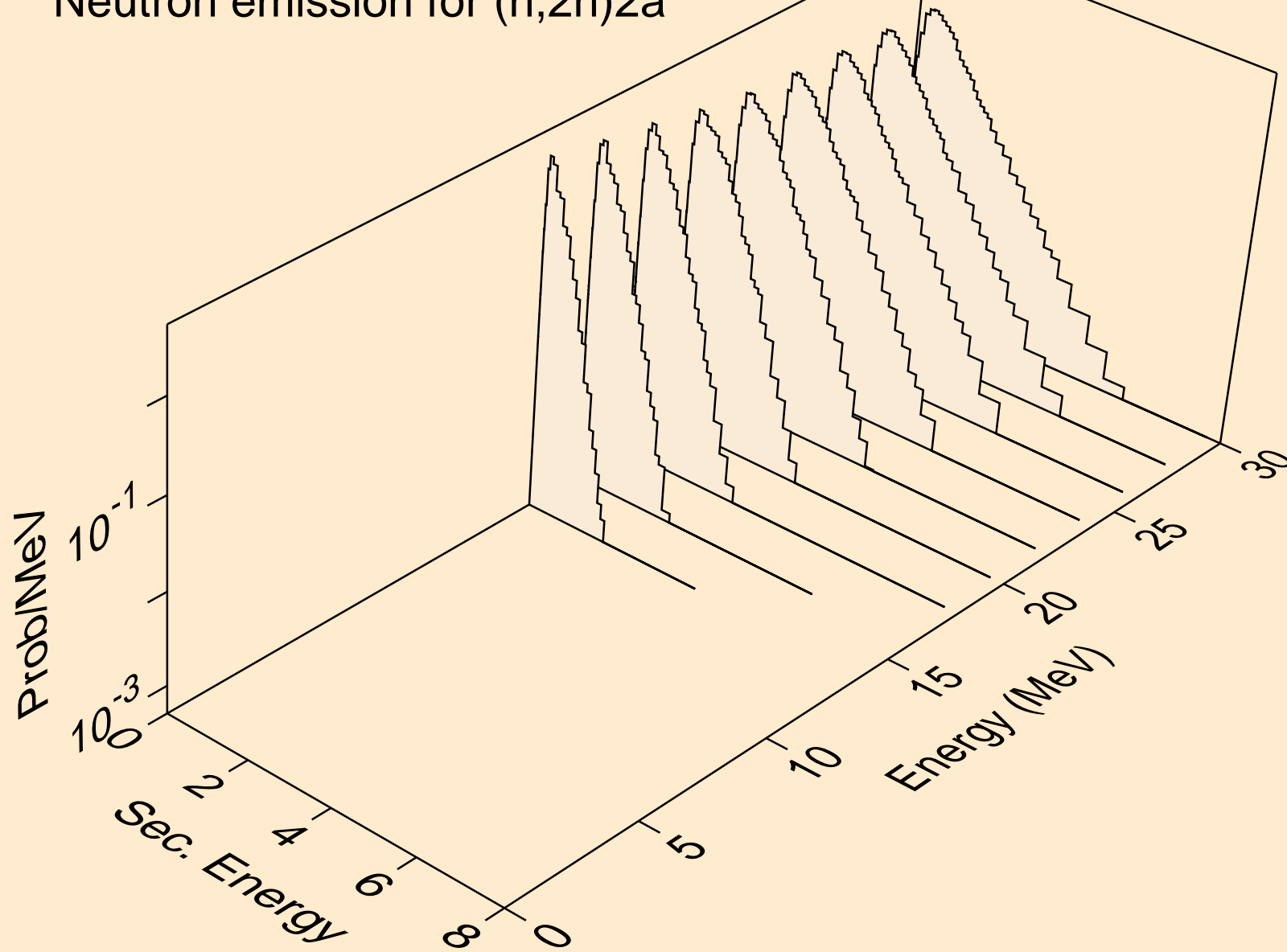


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

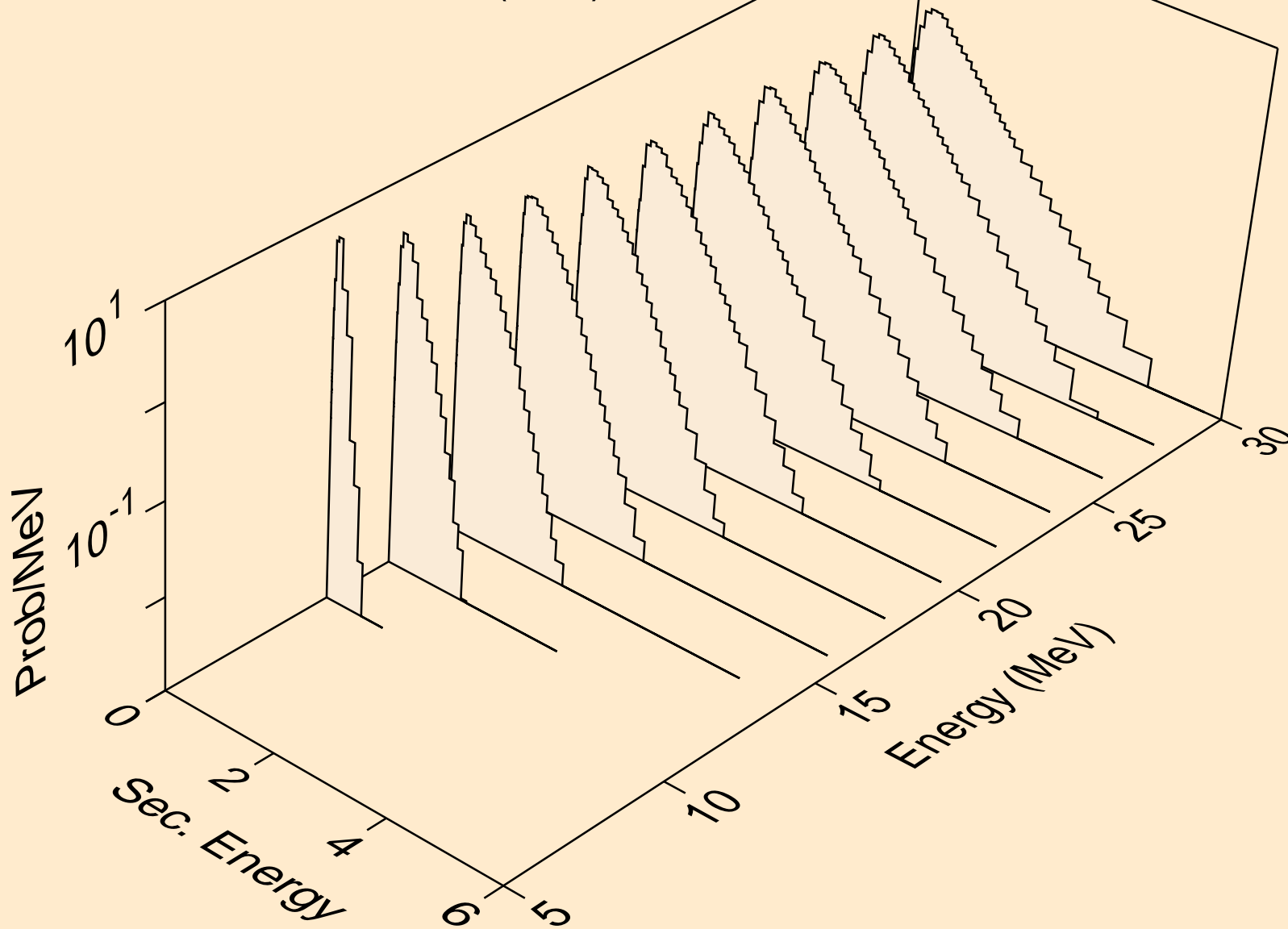




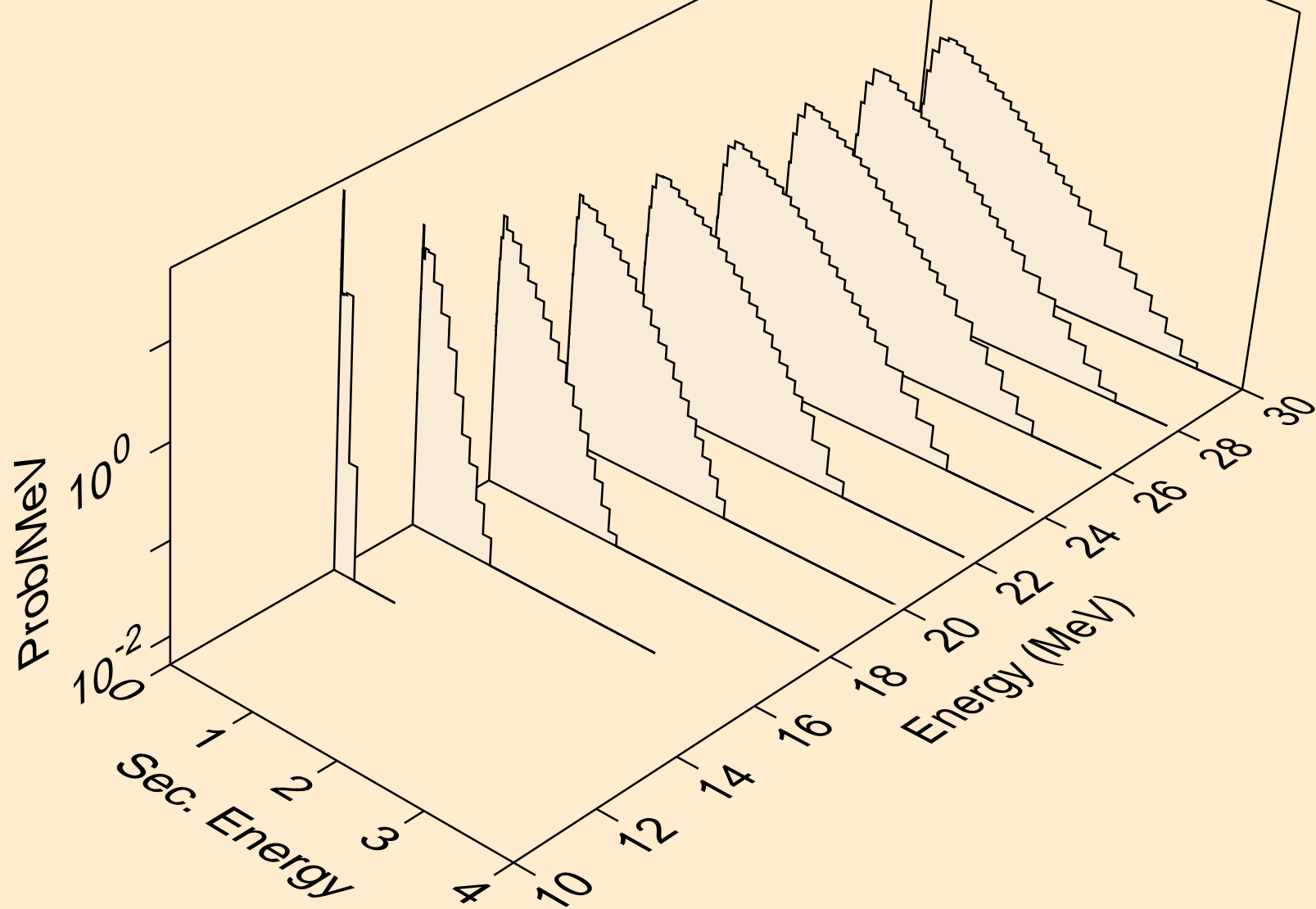
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



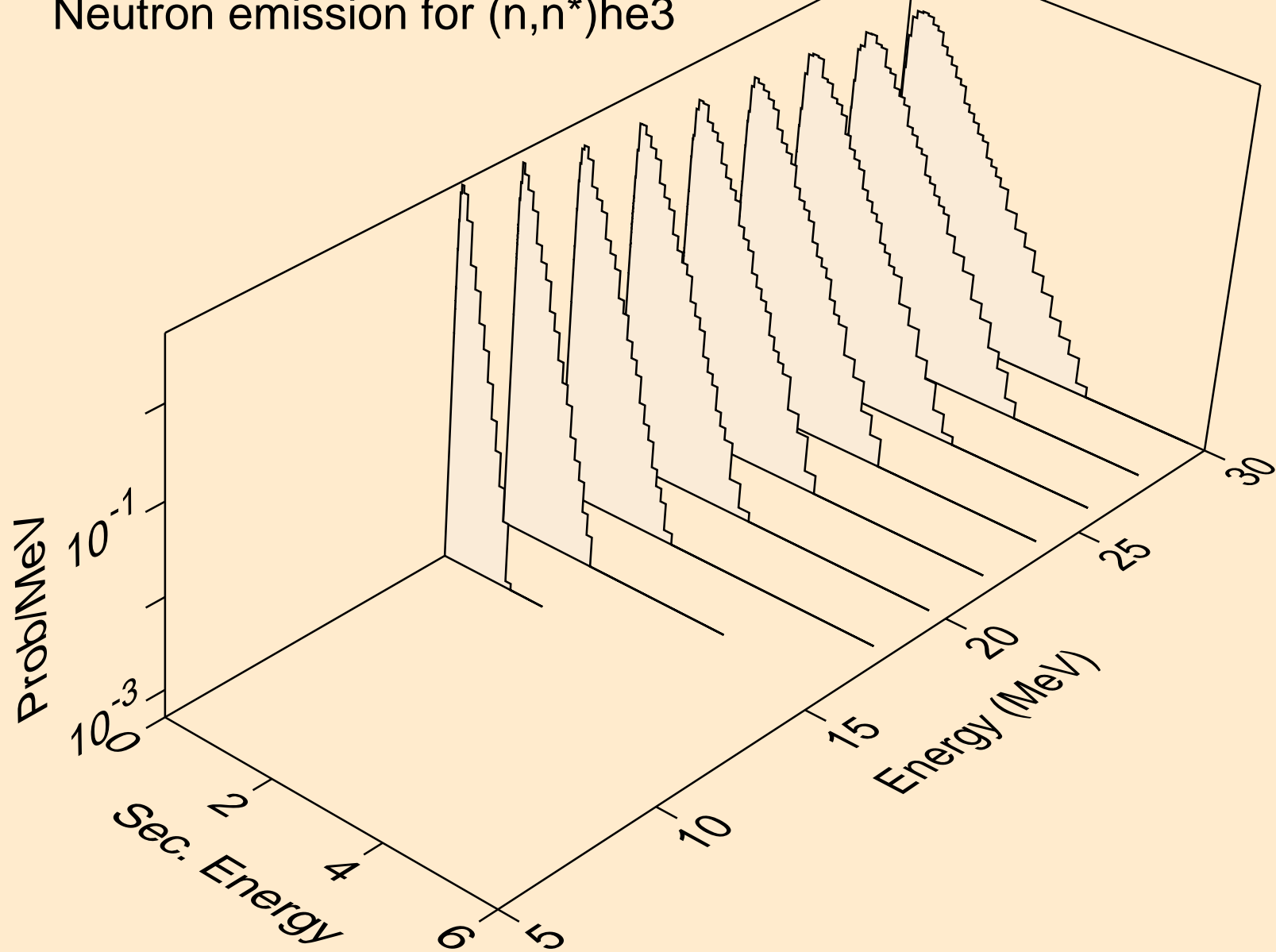
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



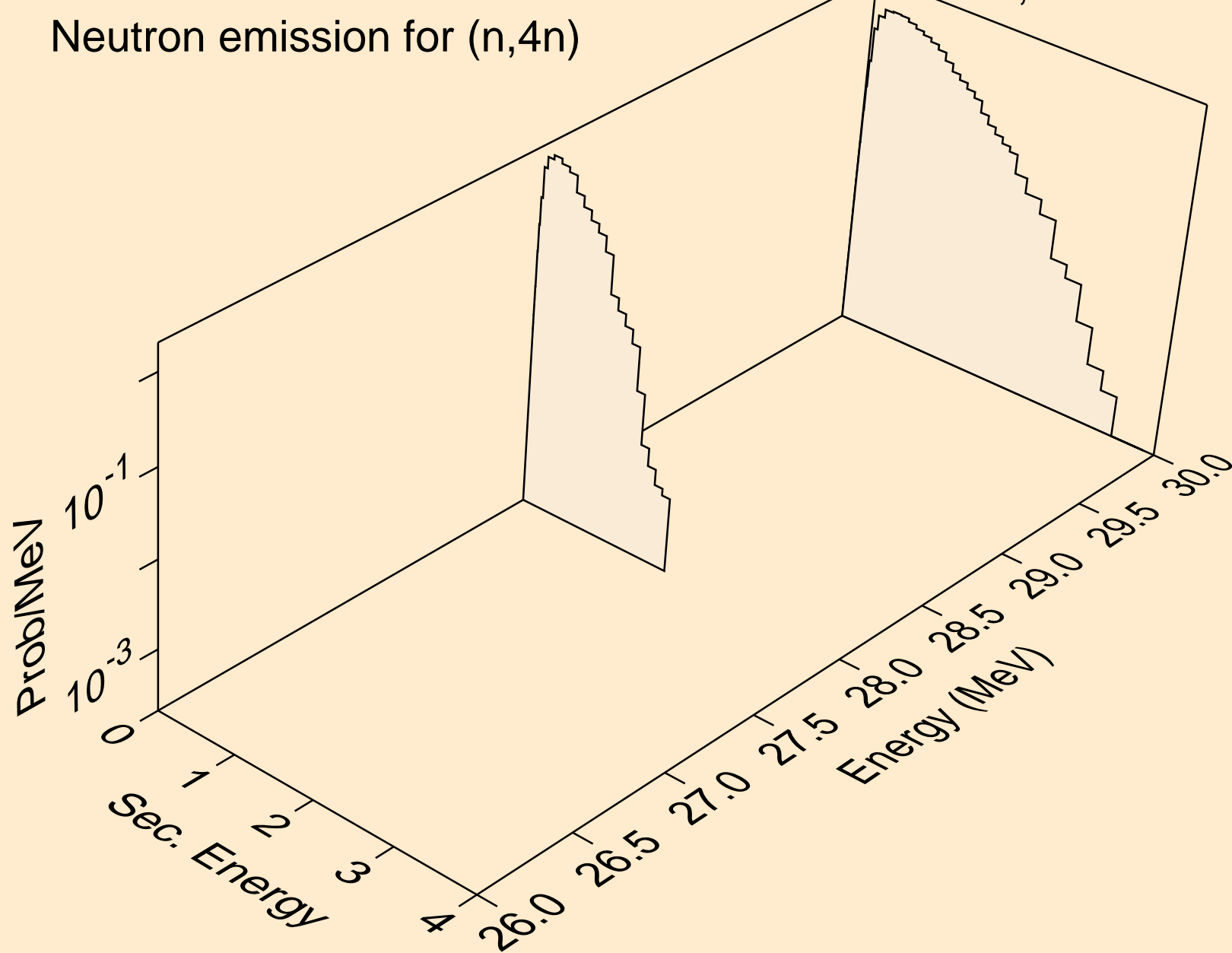
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



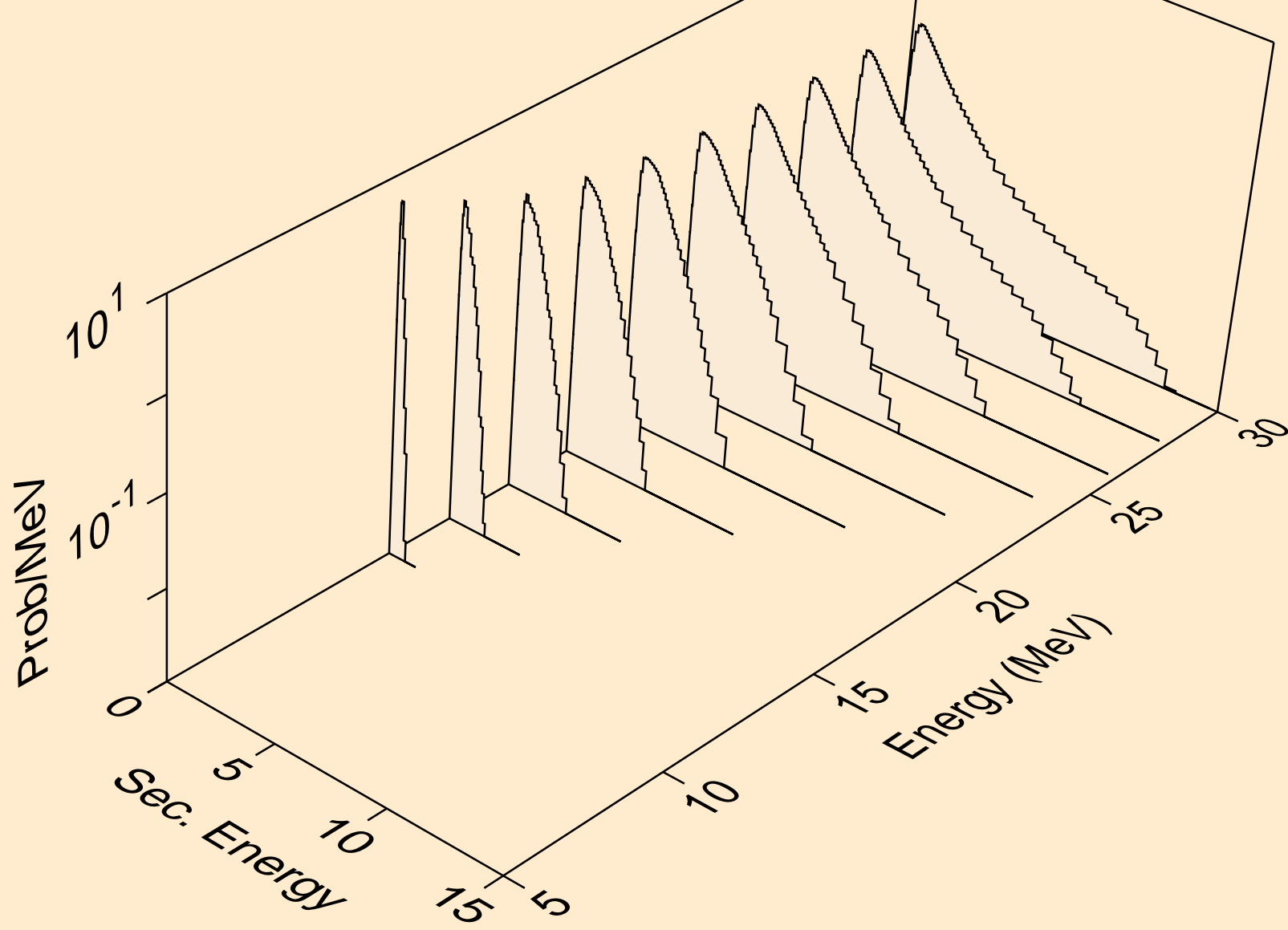
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



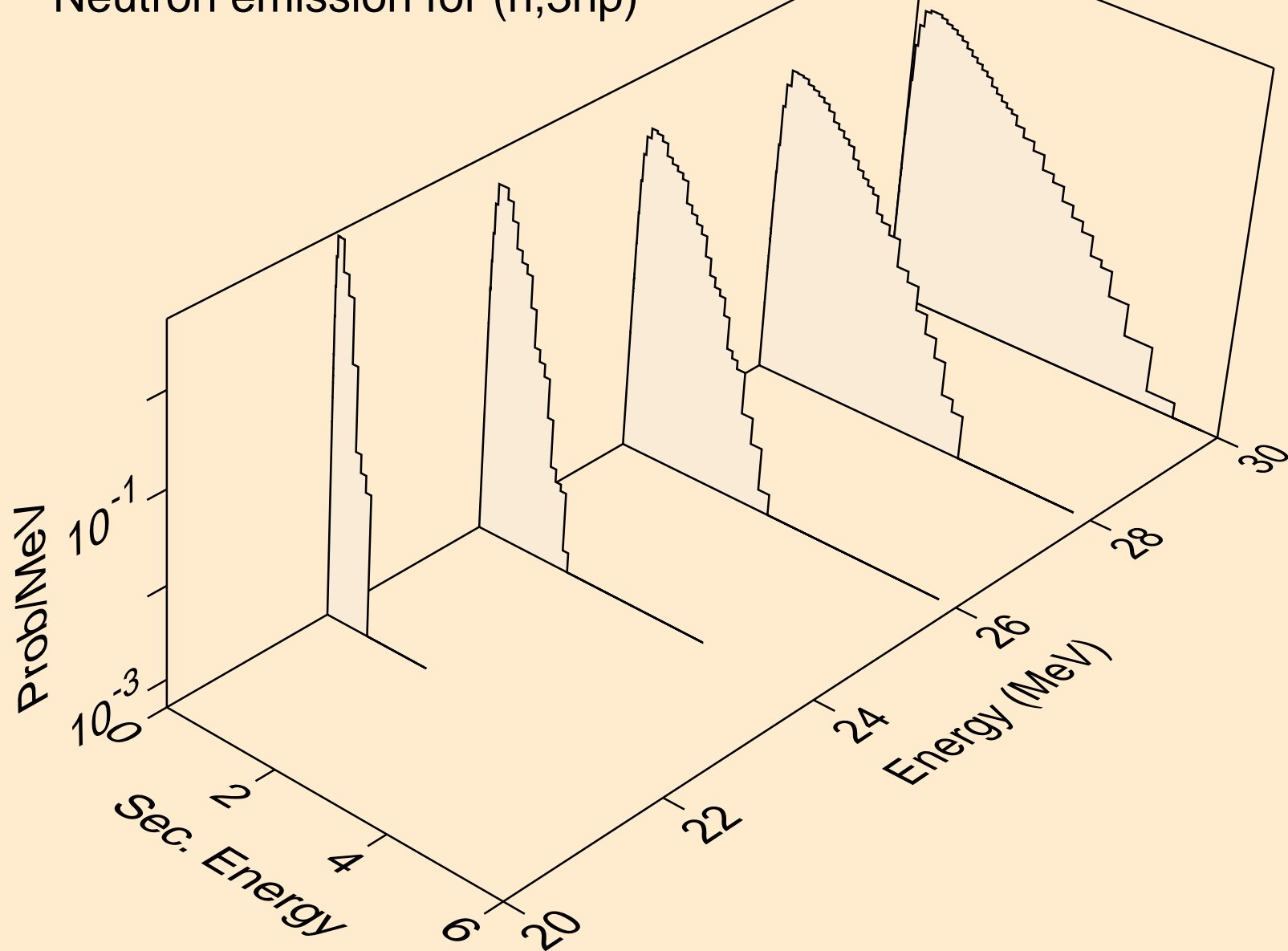
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



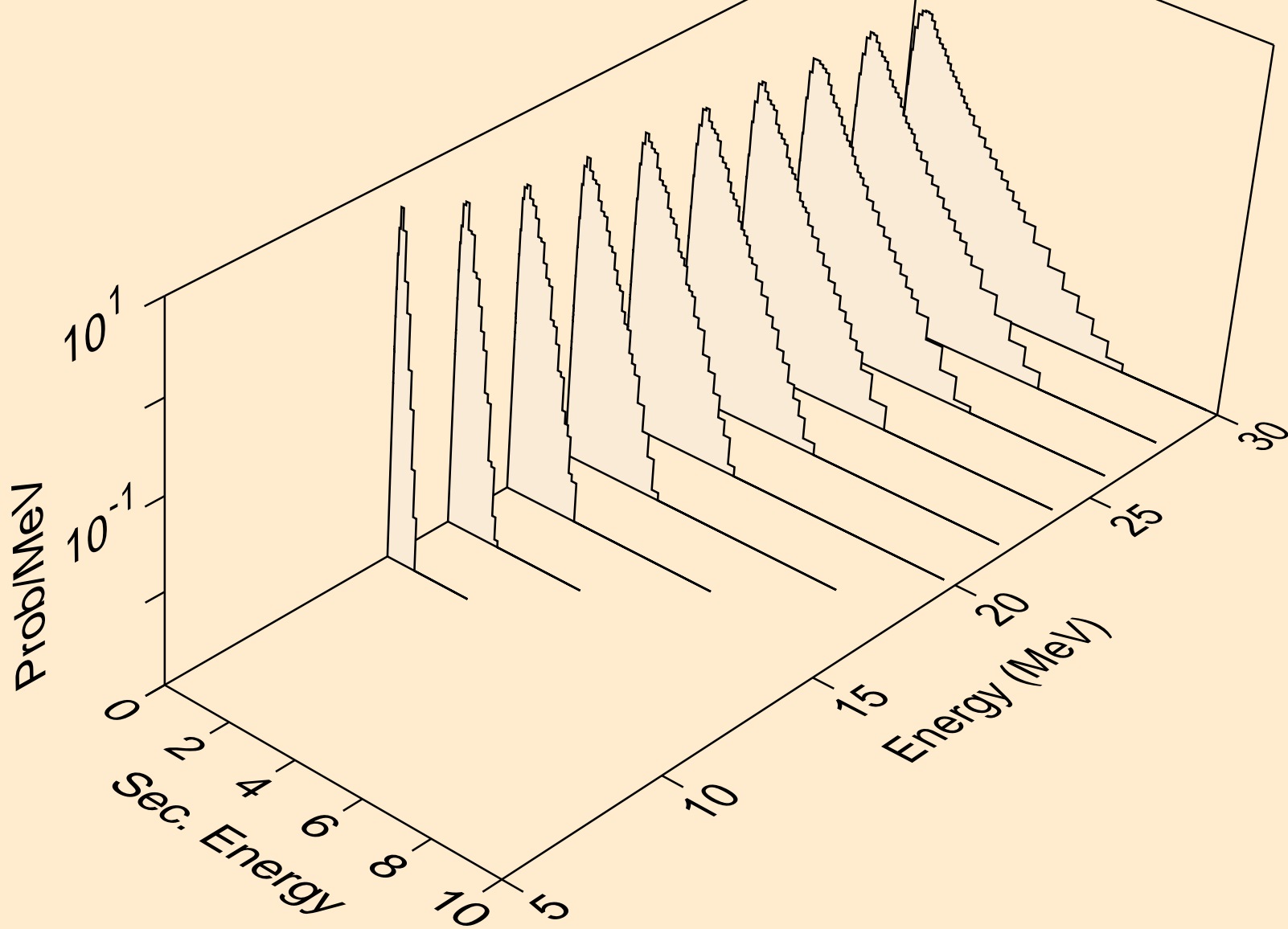
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

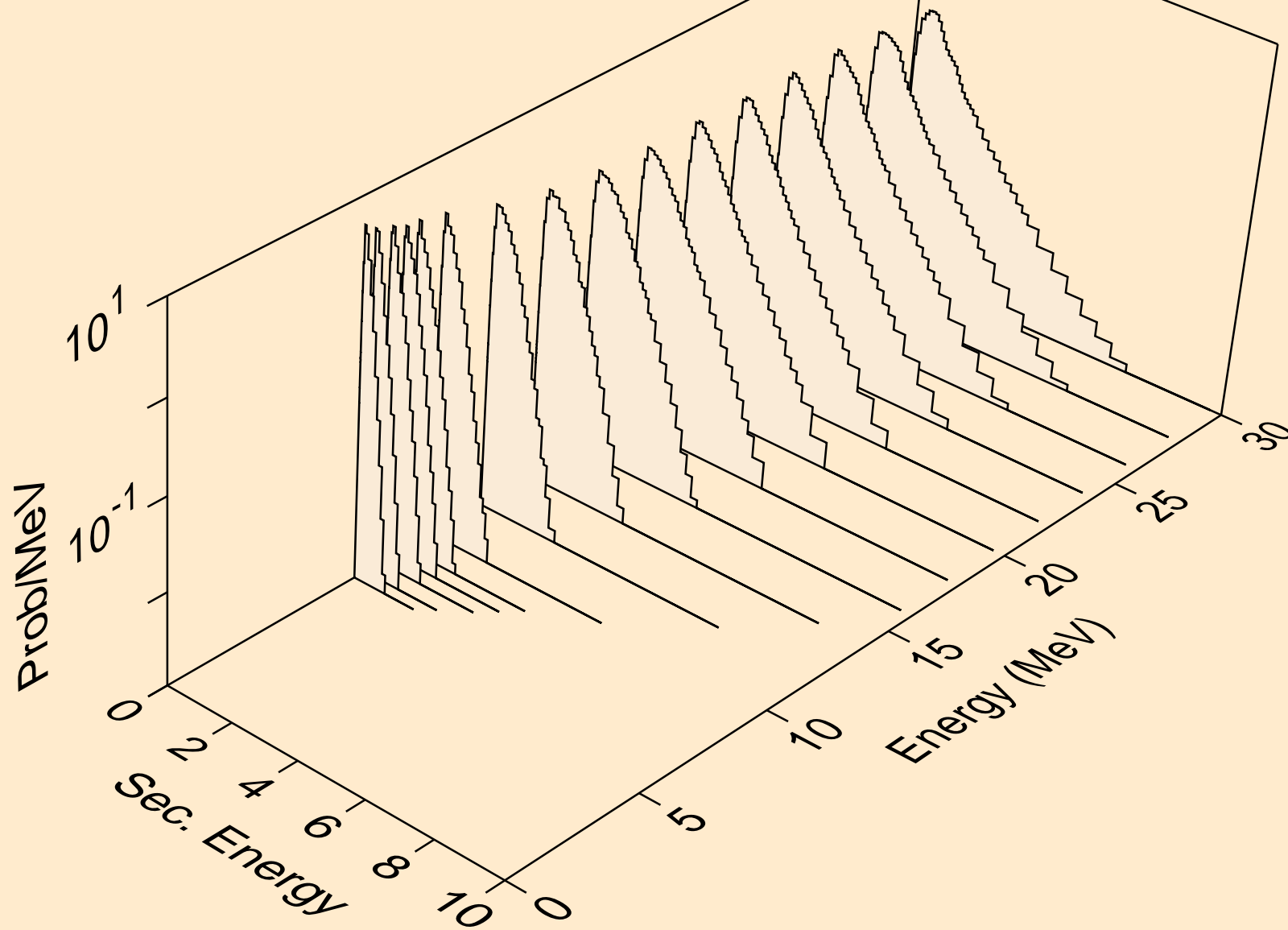


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

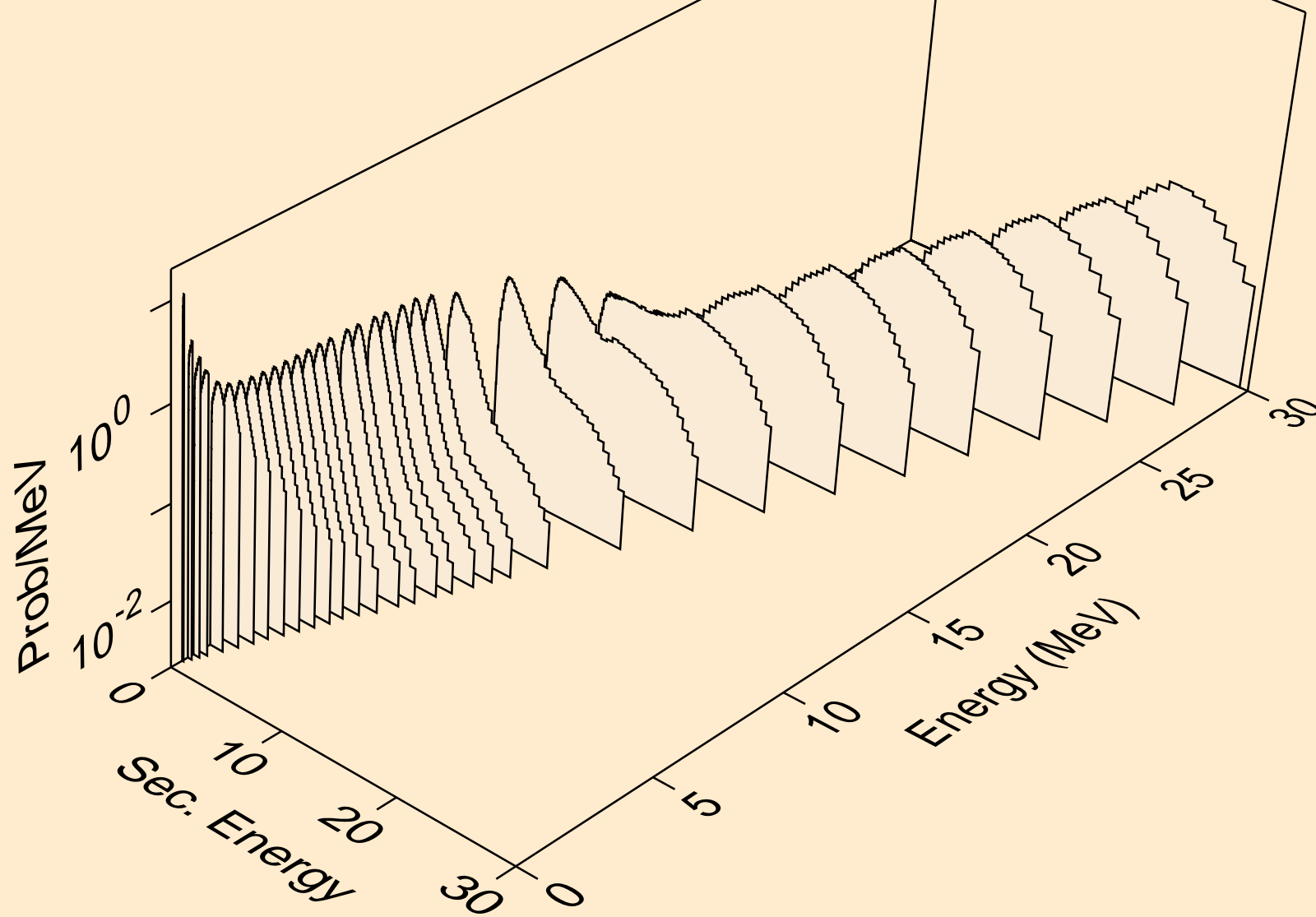




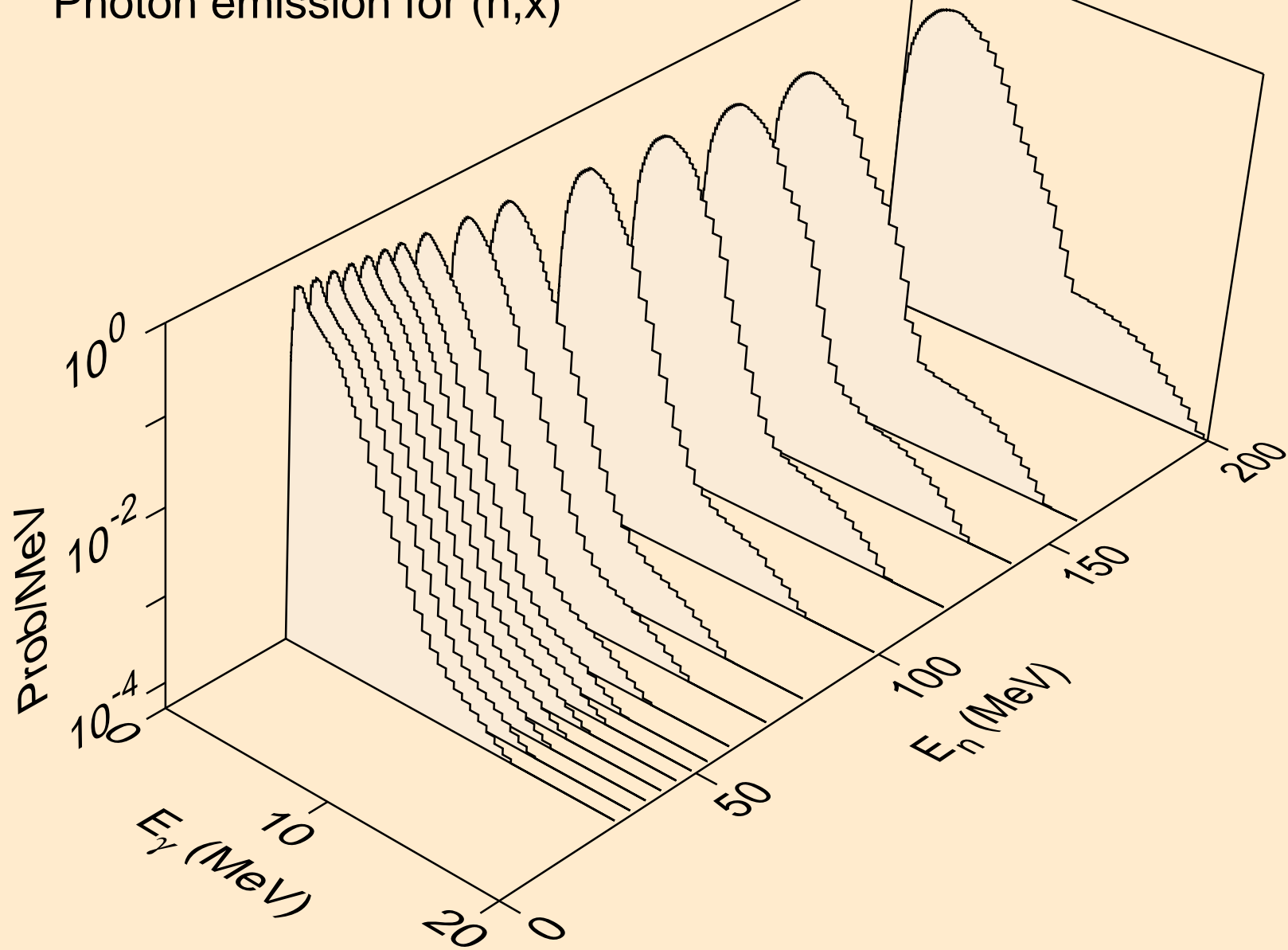
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



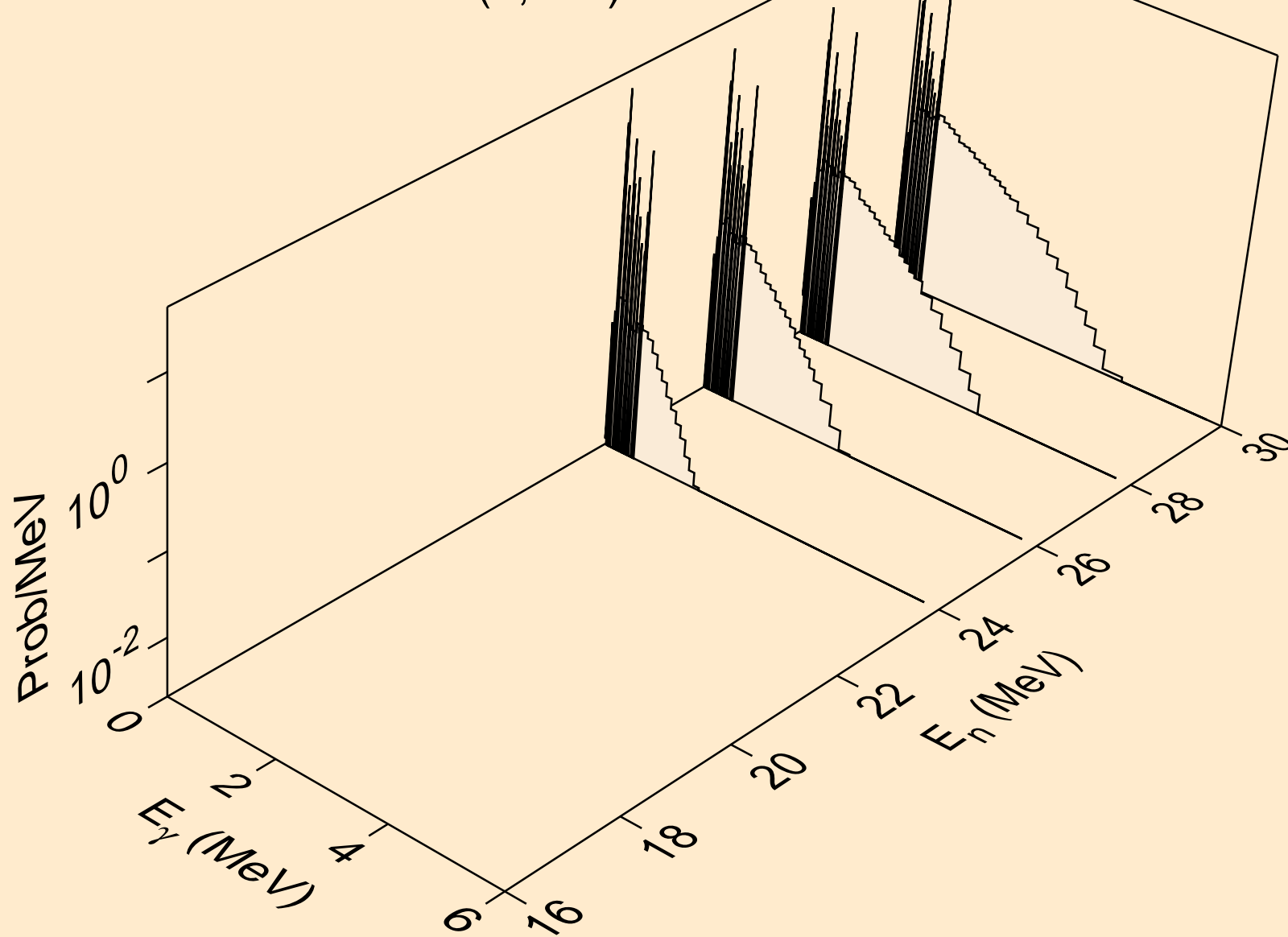
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



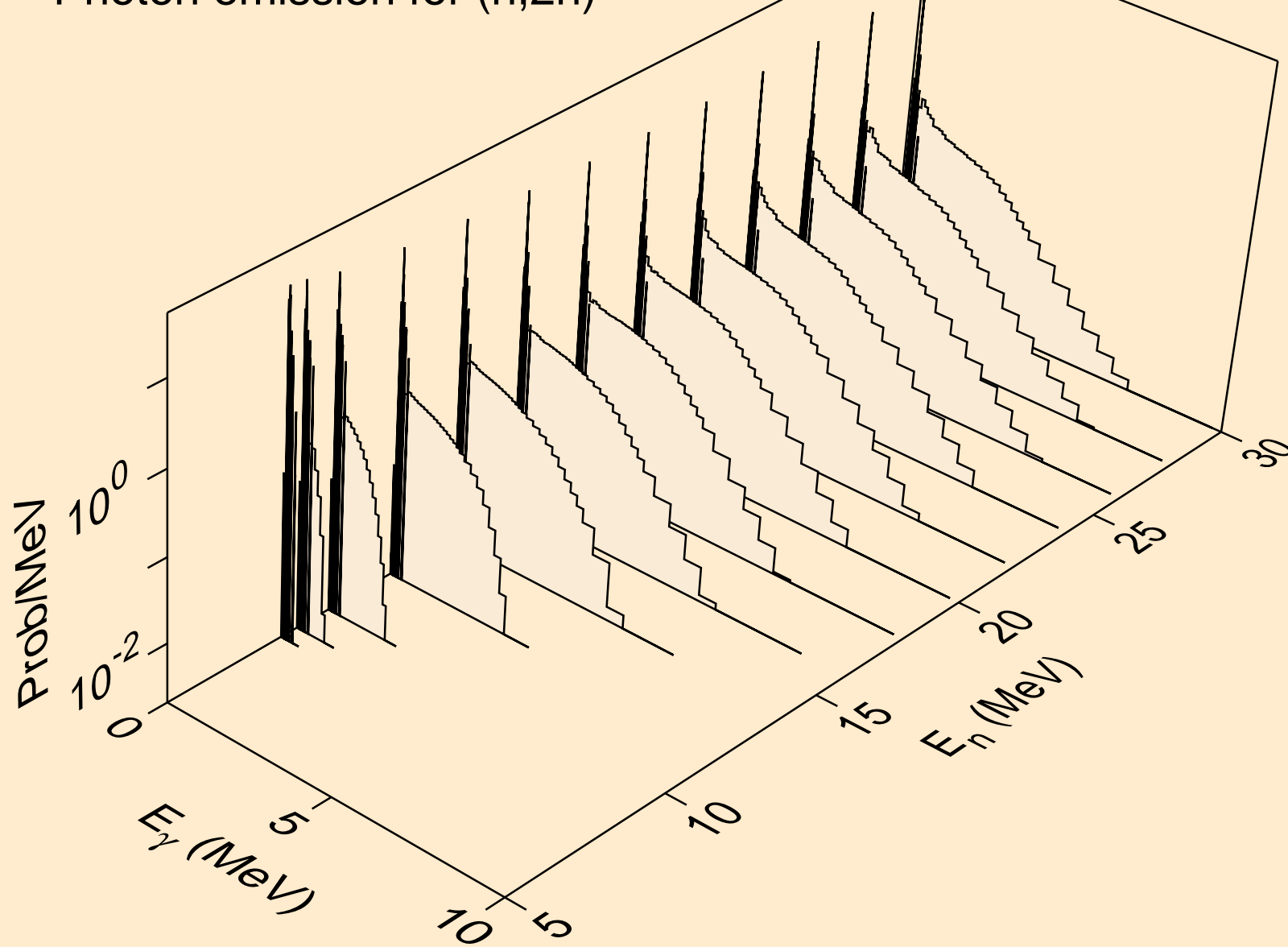
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



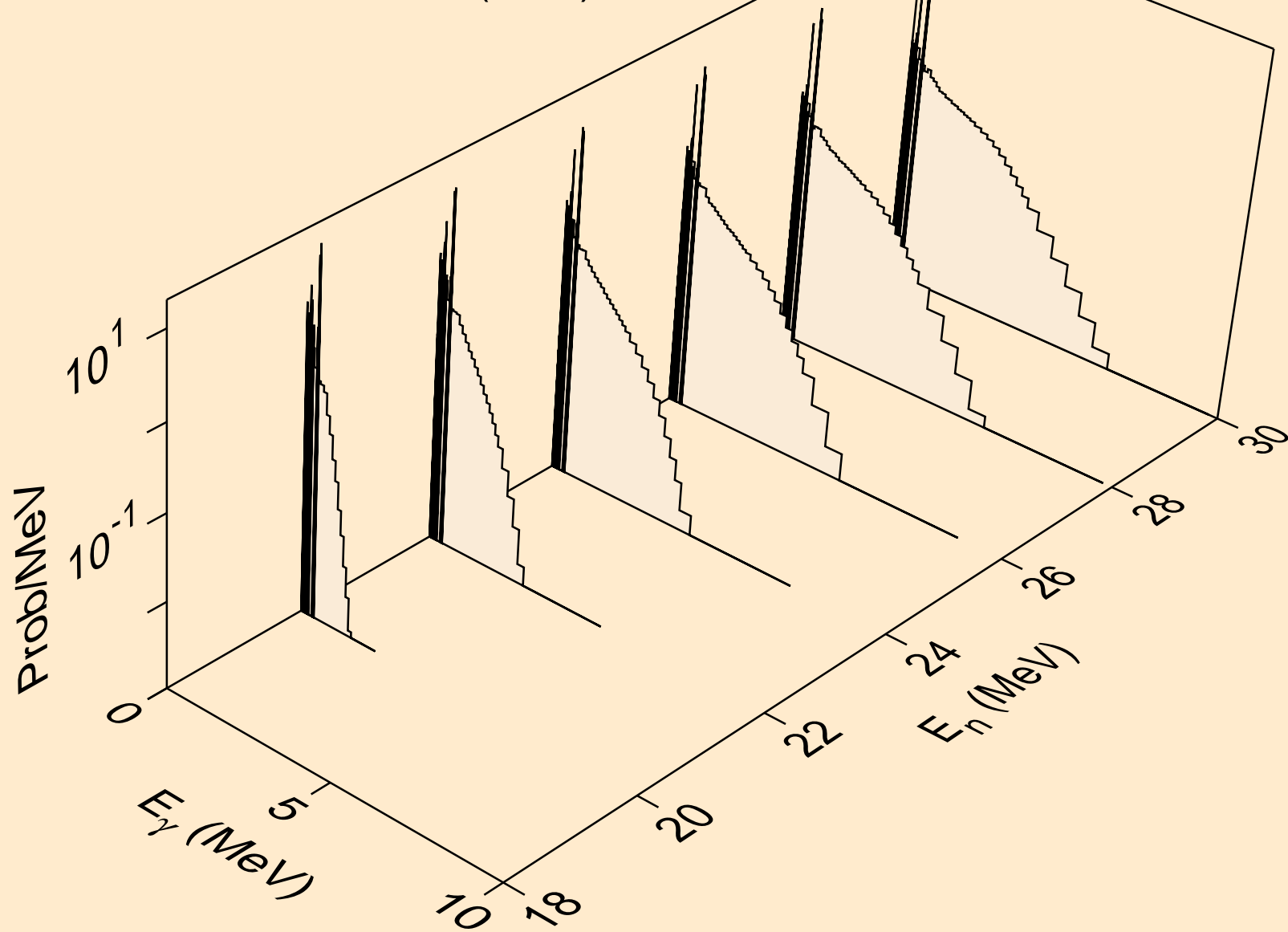
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



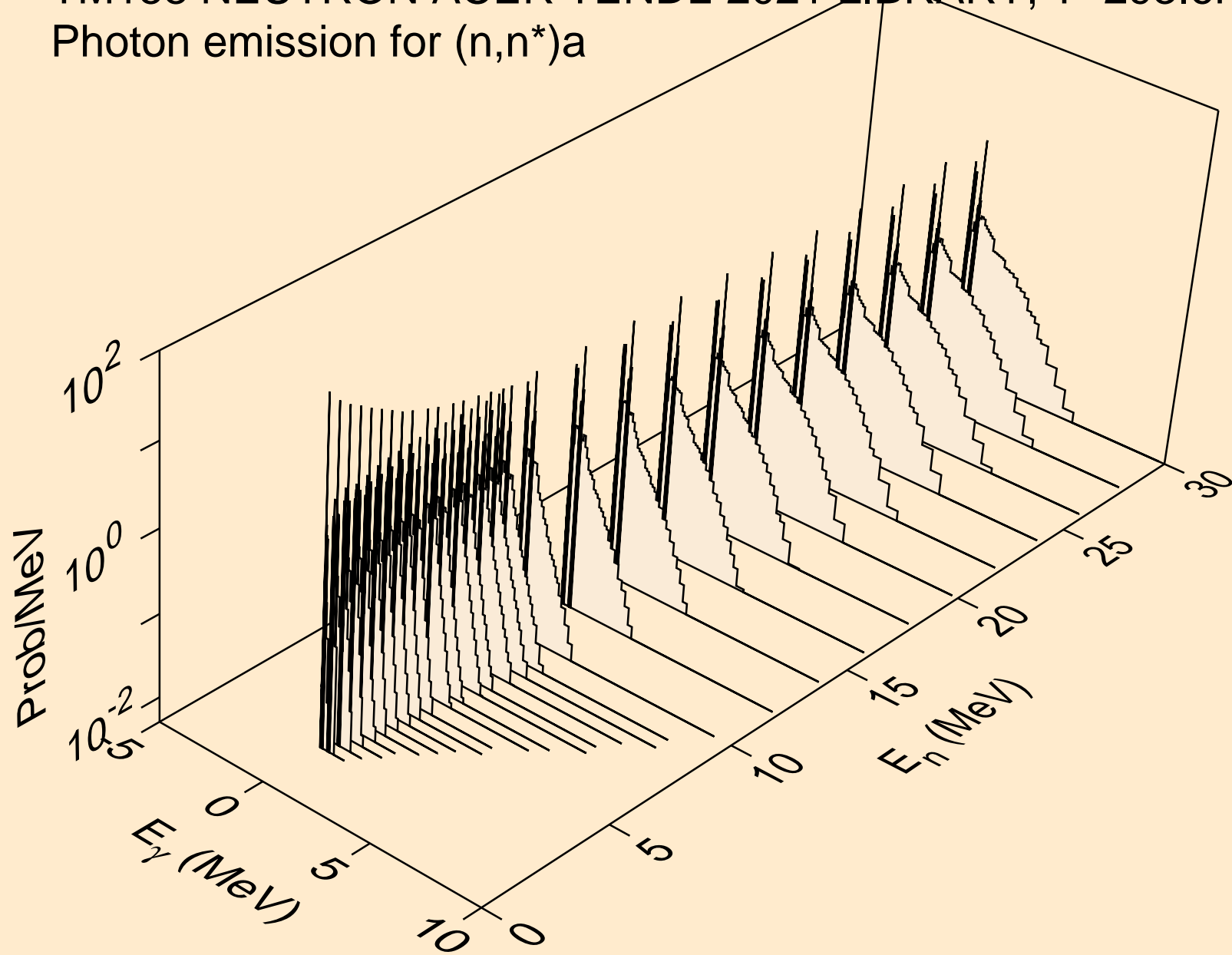
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



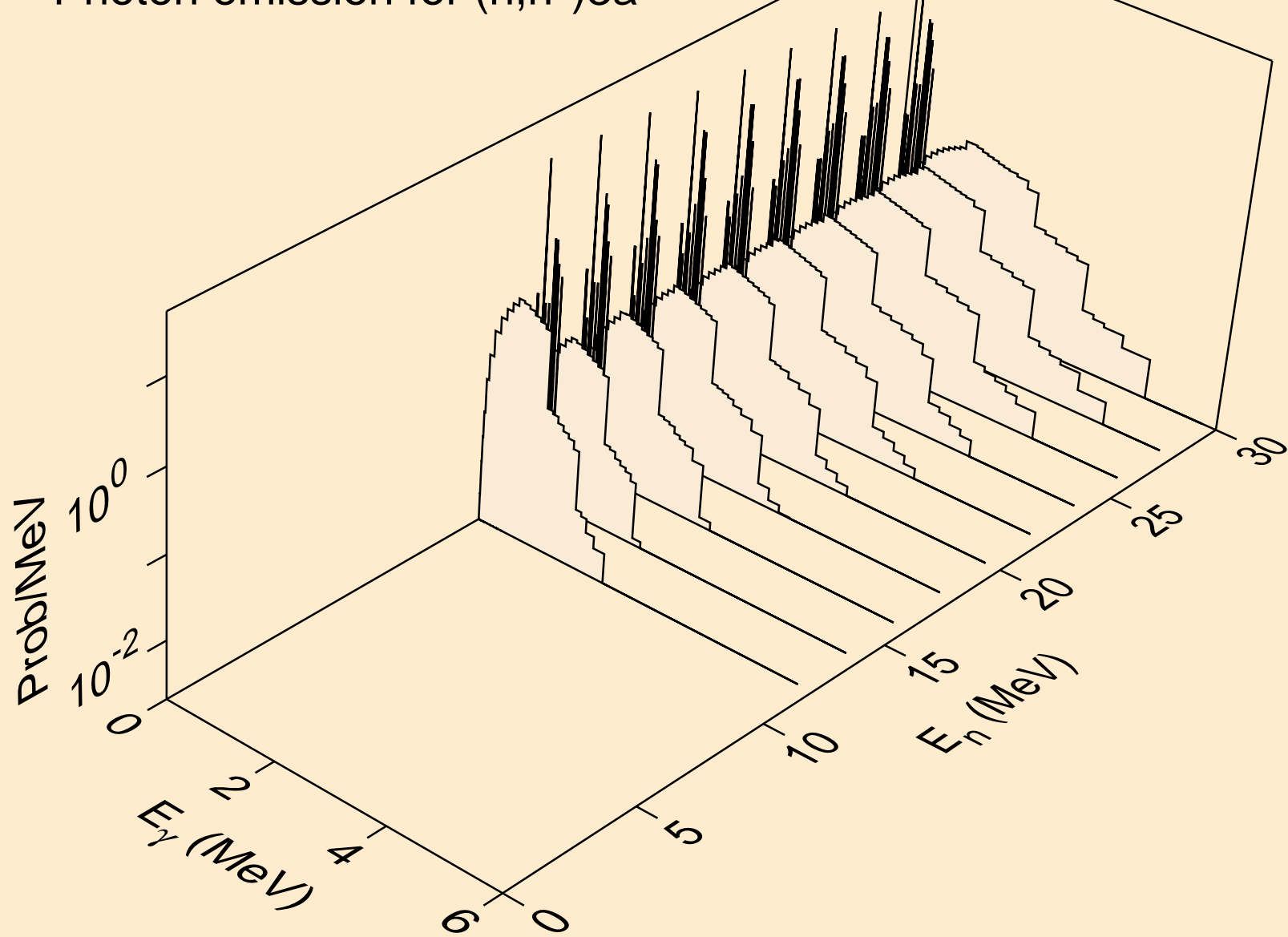
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

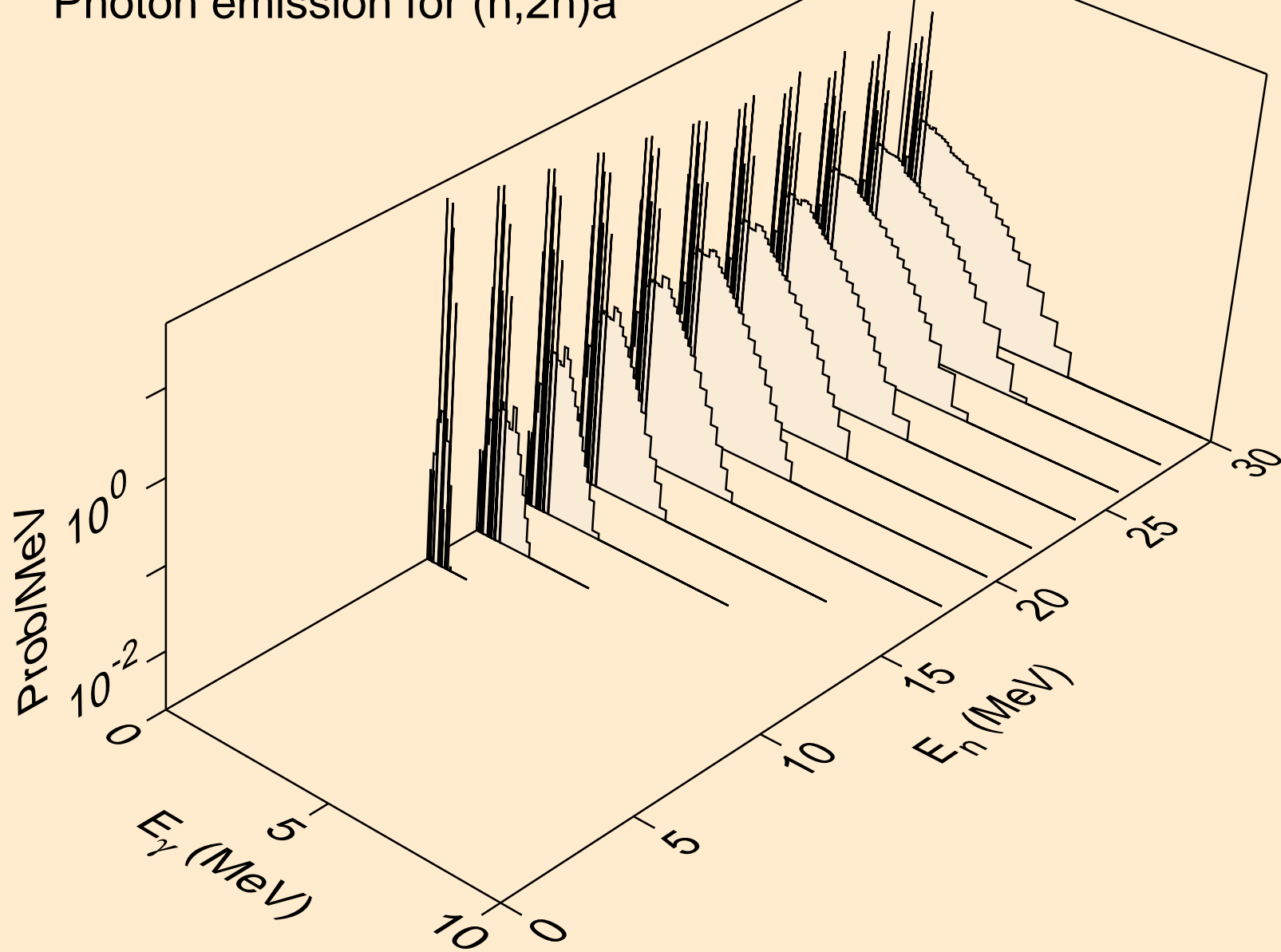


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)3a

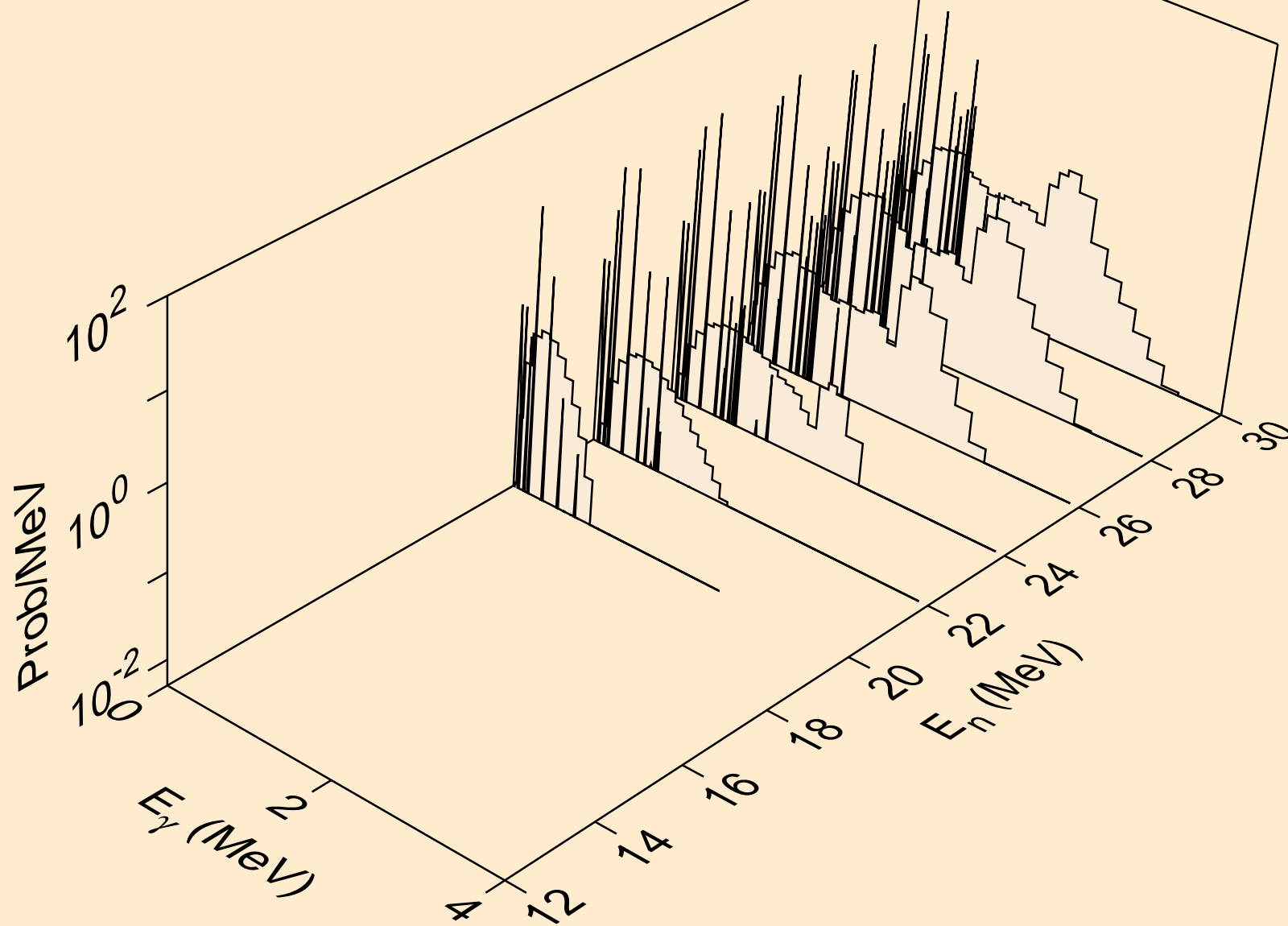




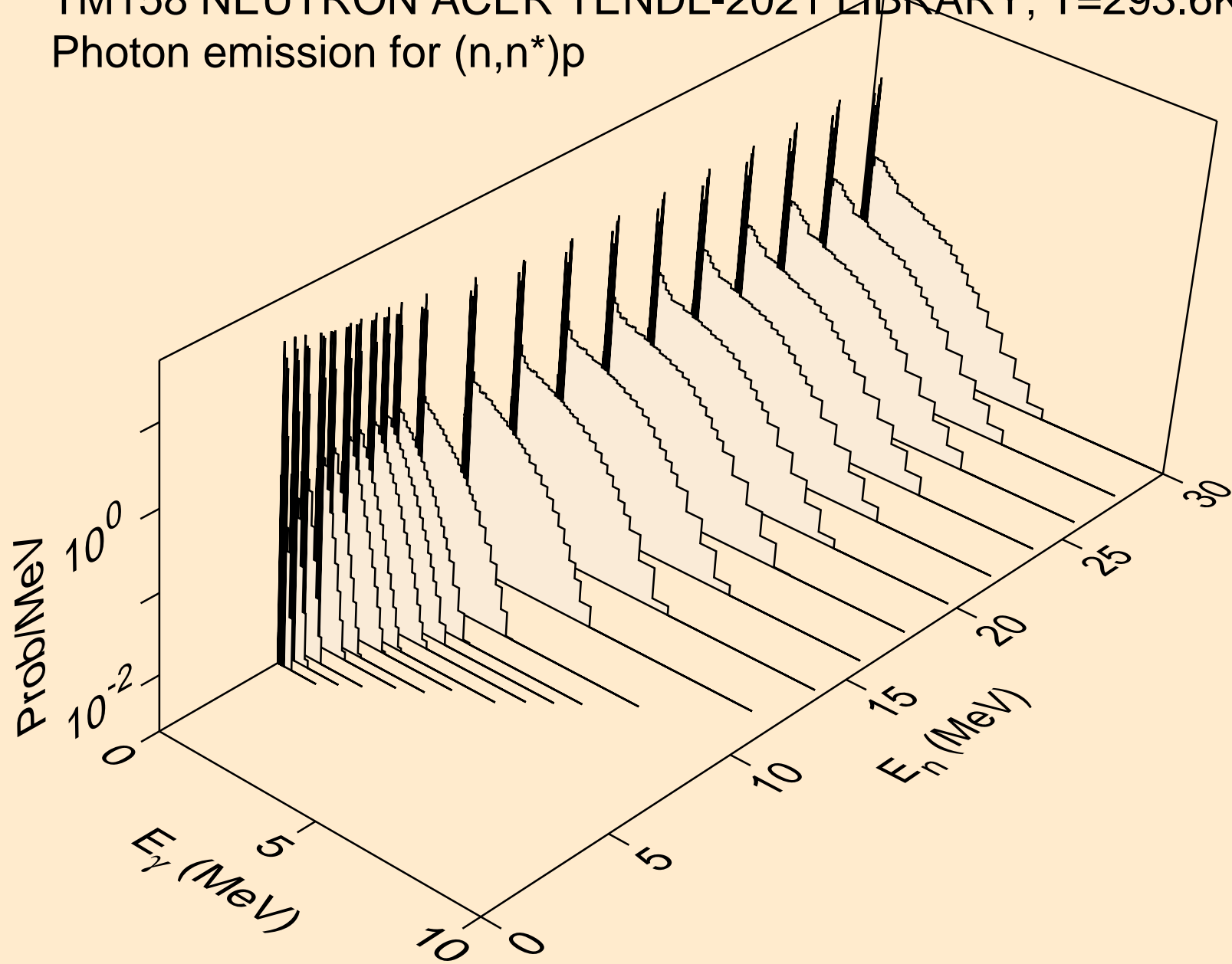
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



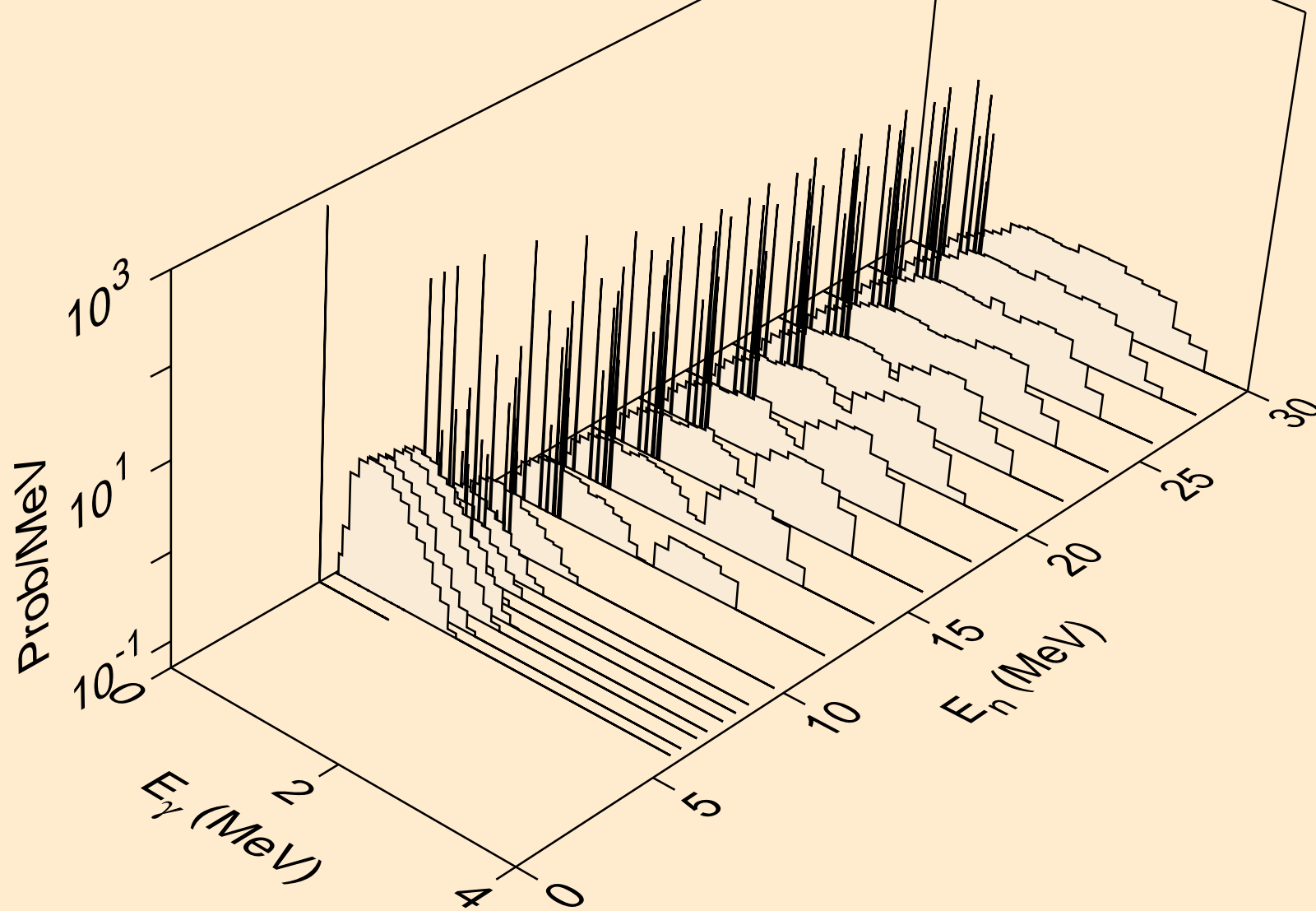
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



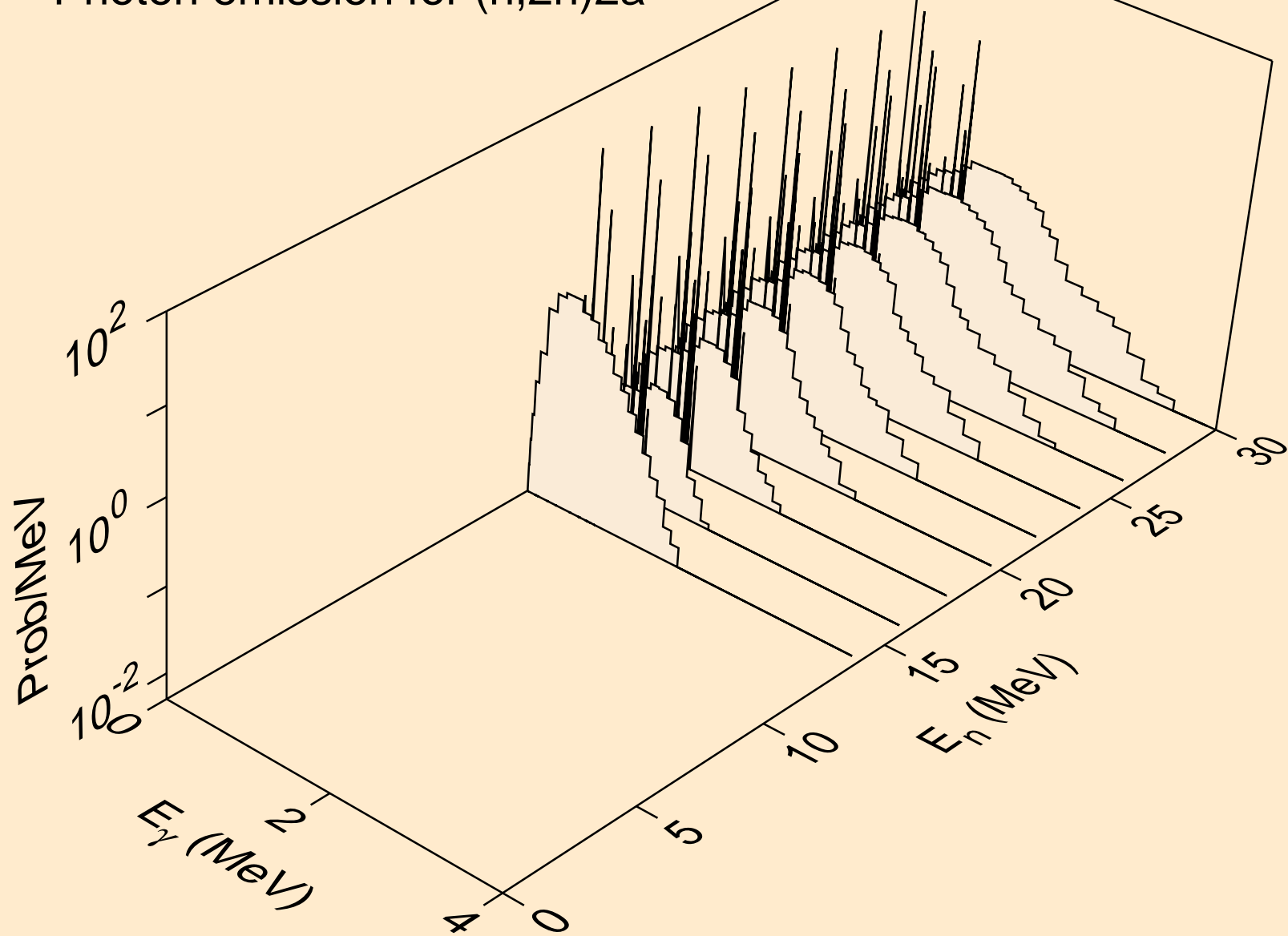
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



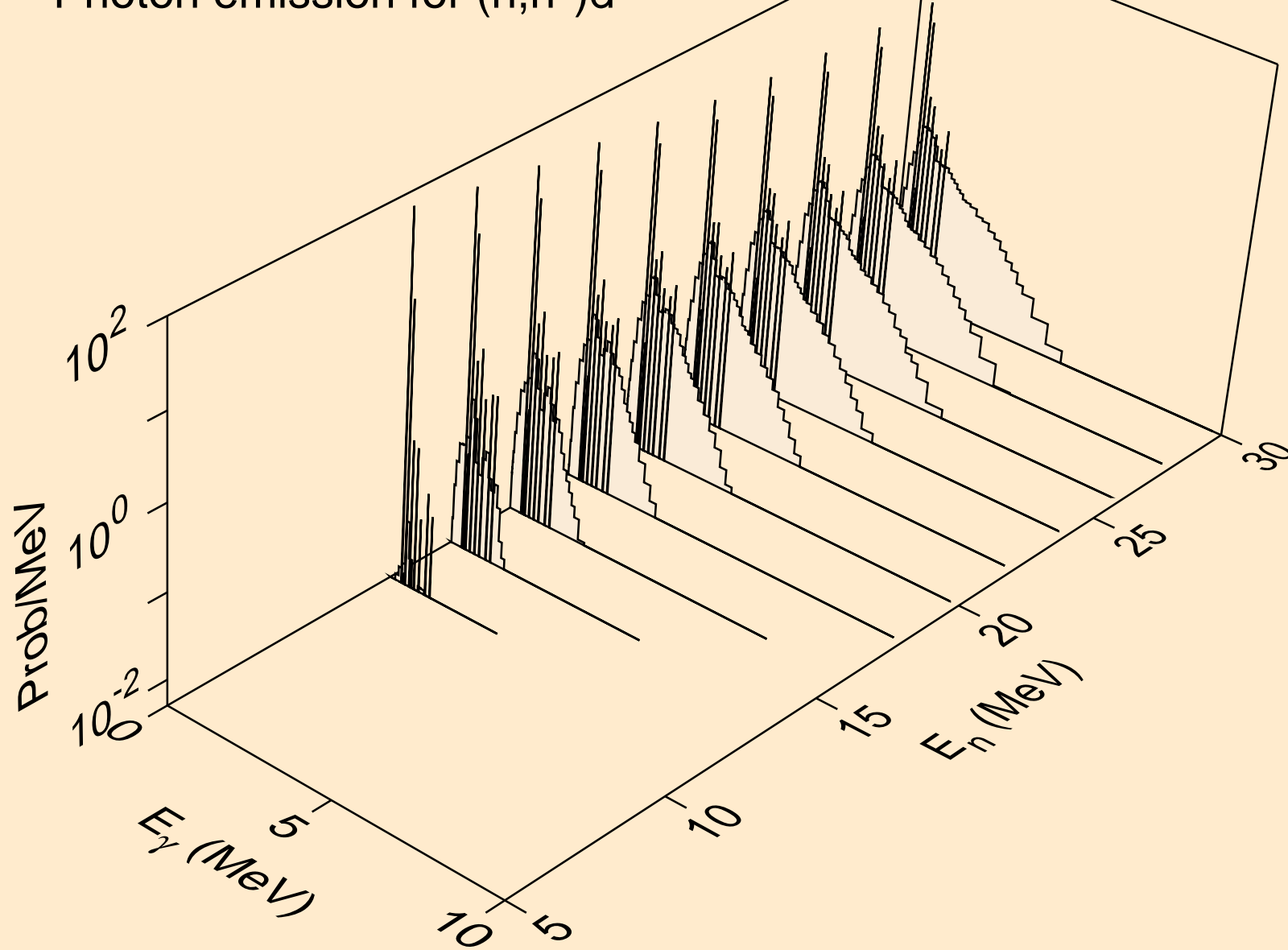
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



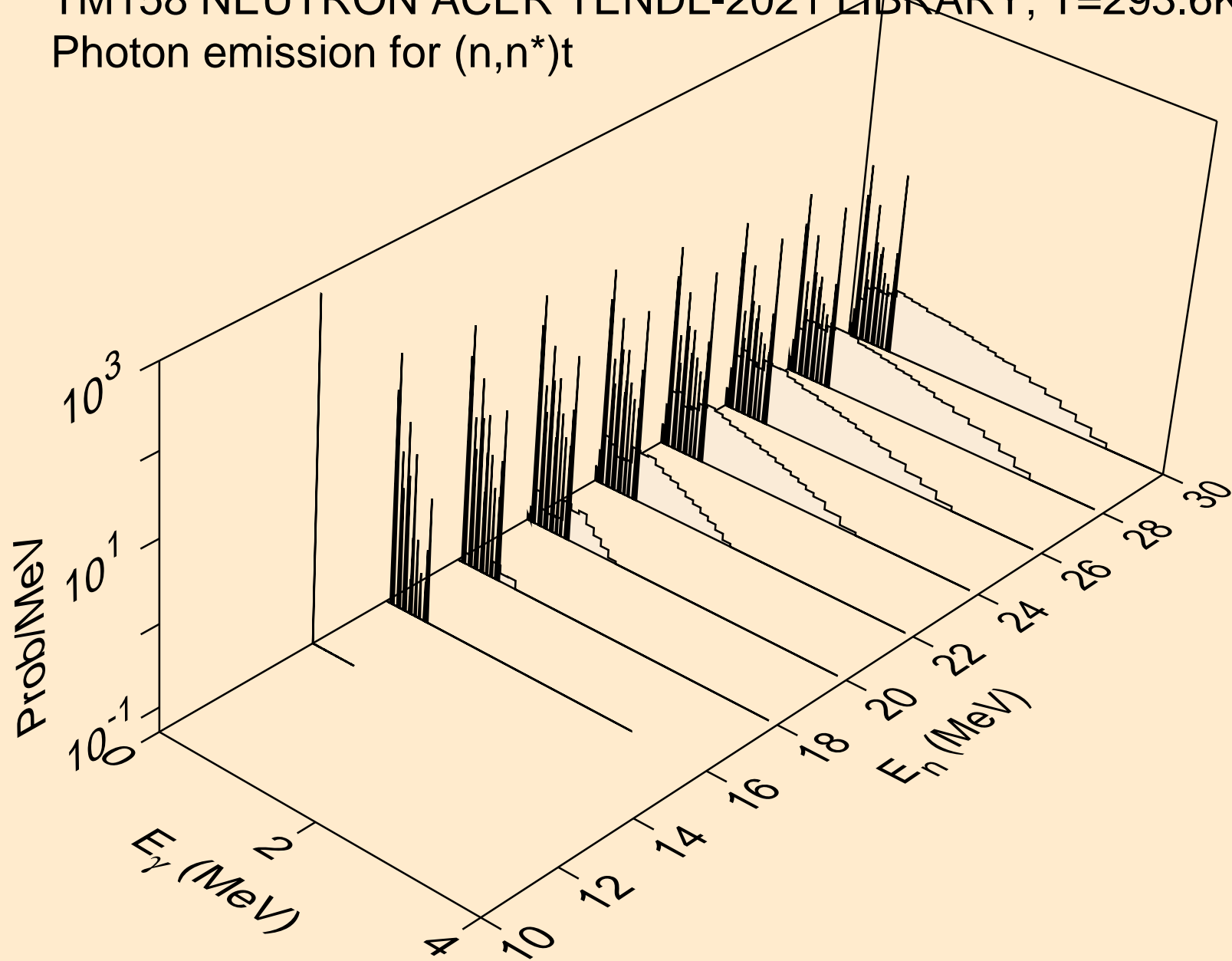
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



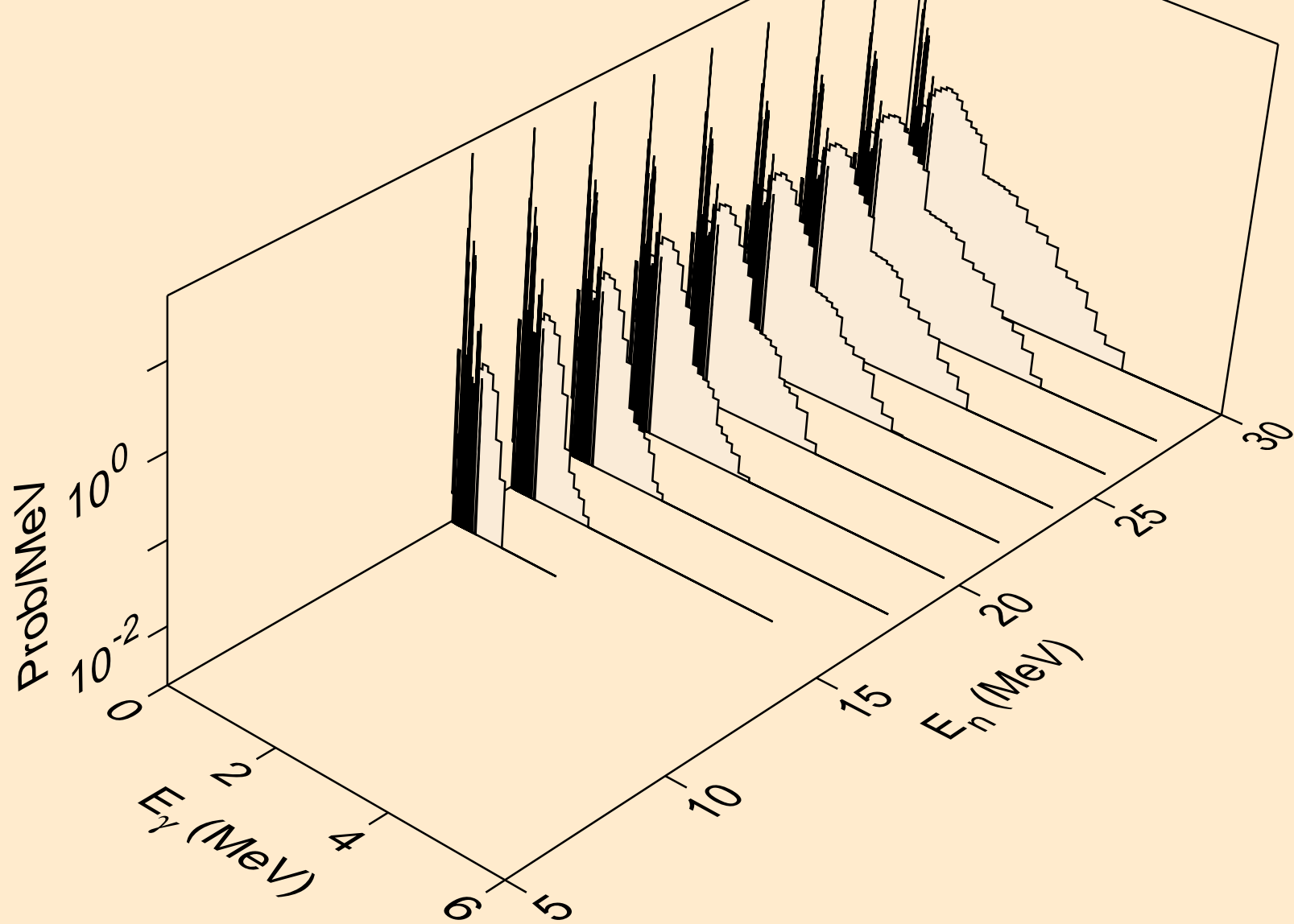
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t

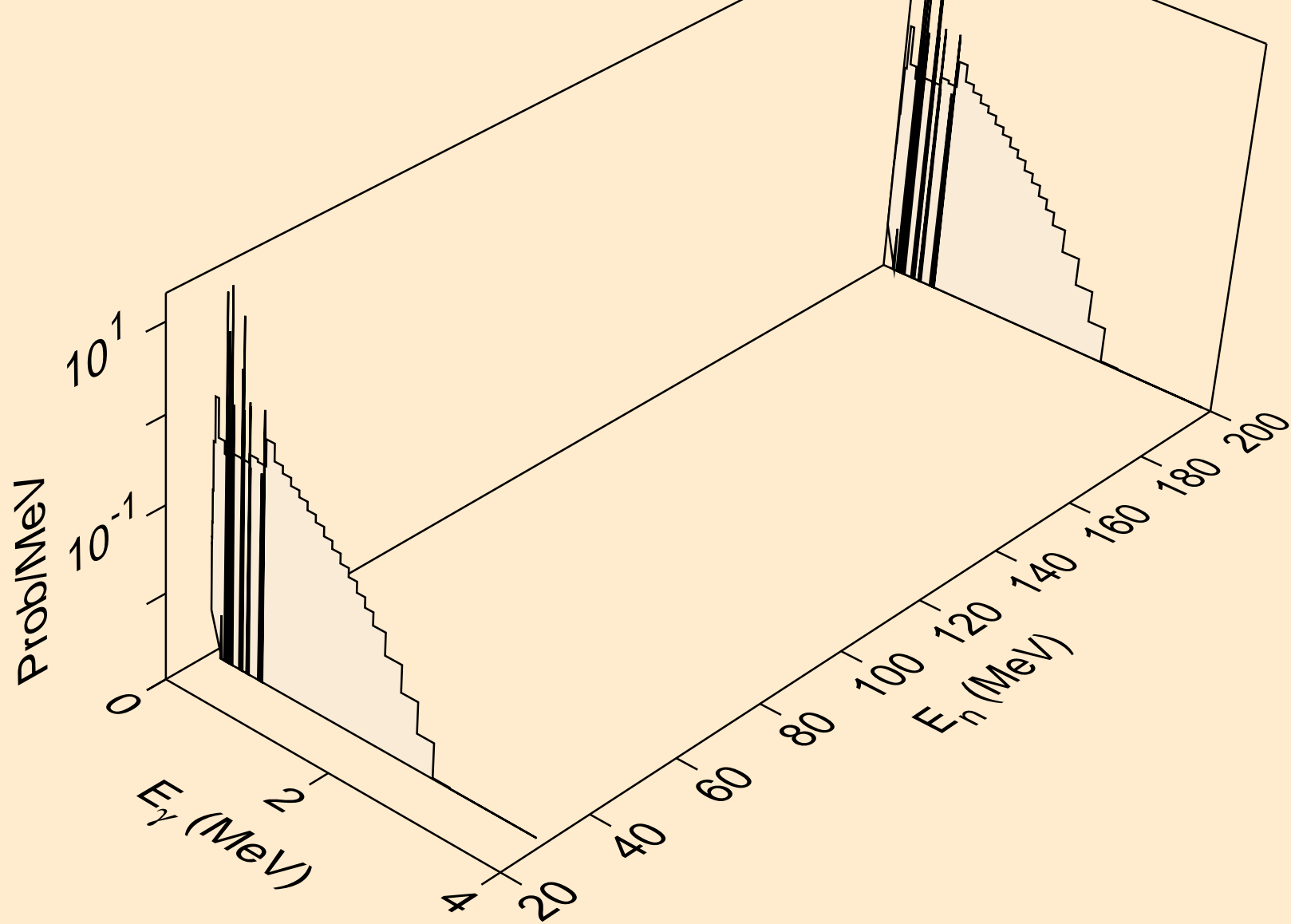


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

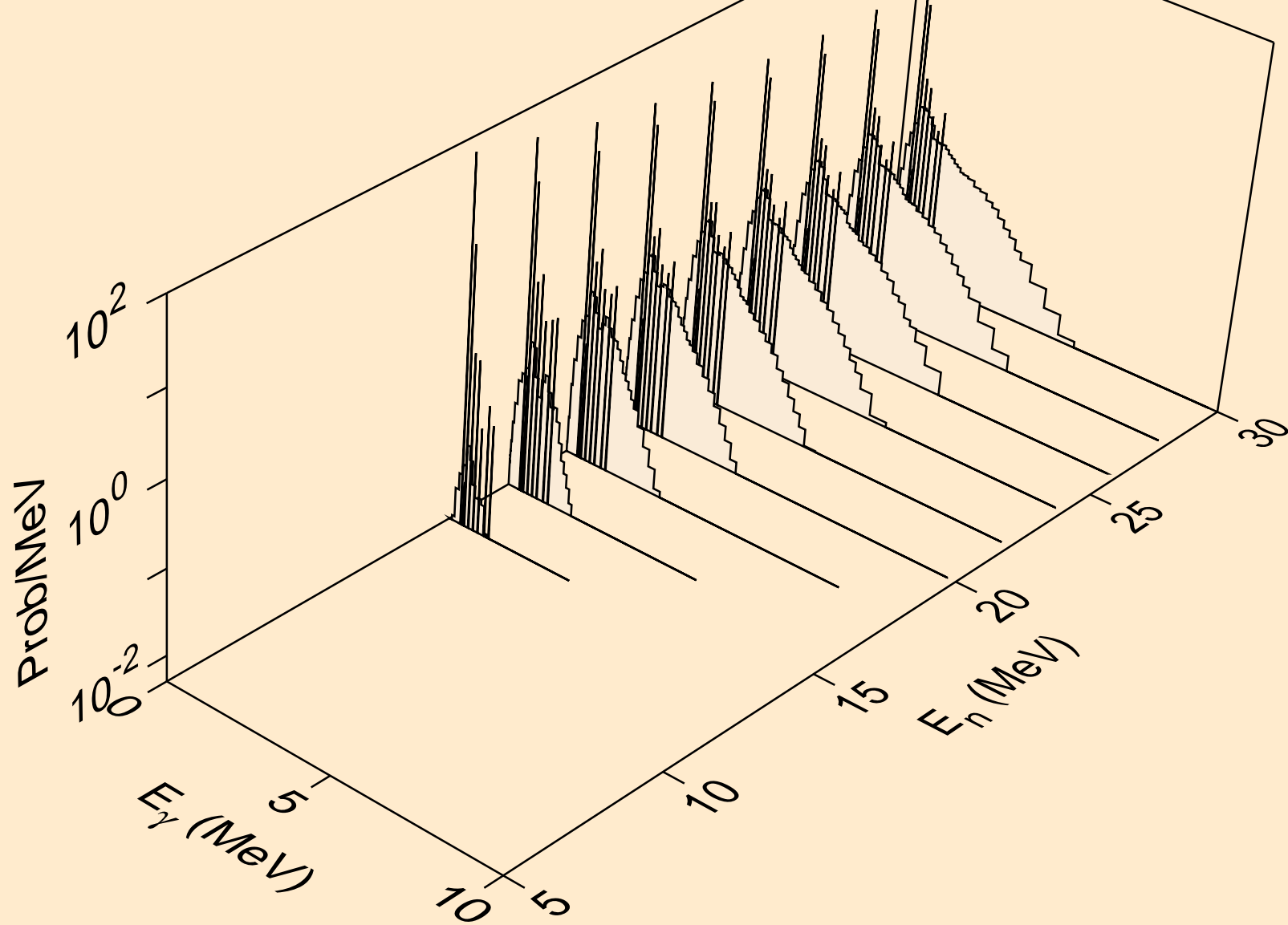




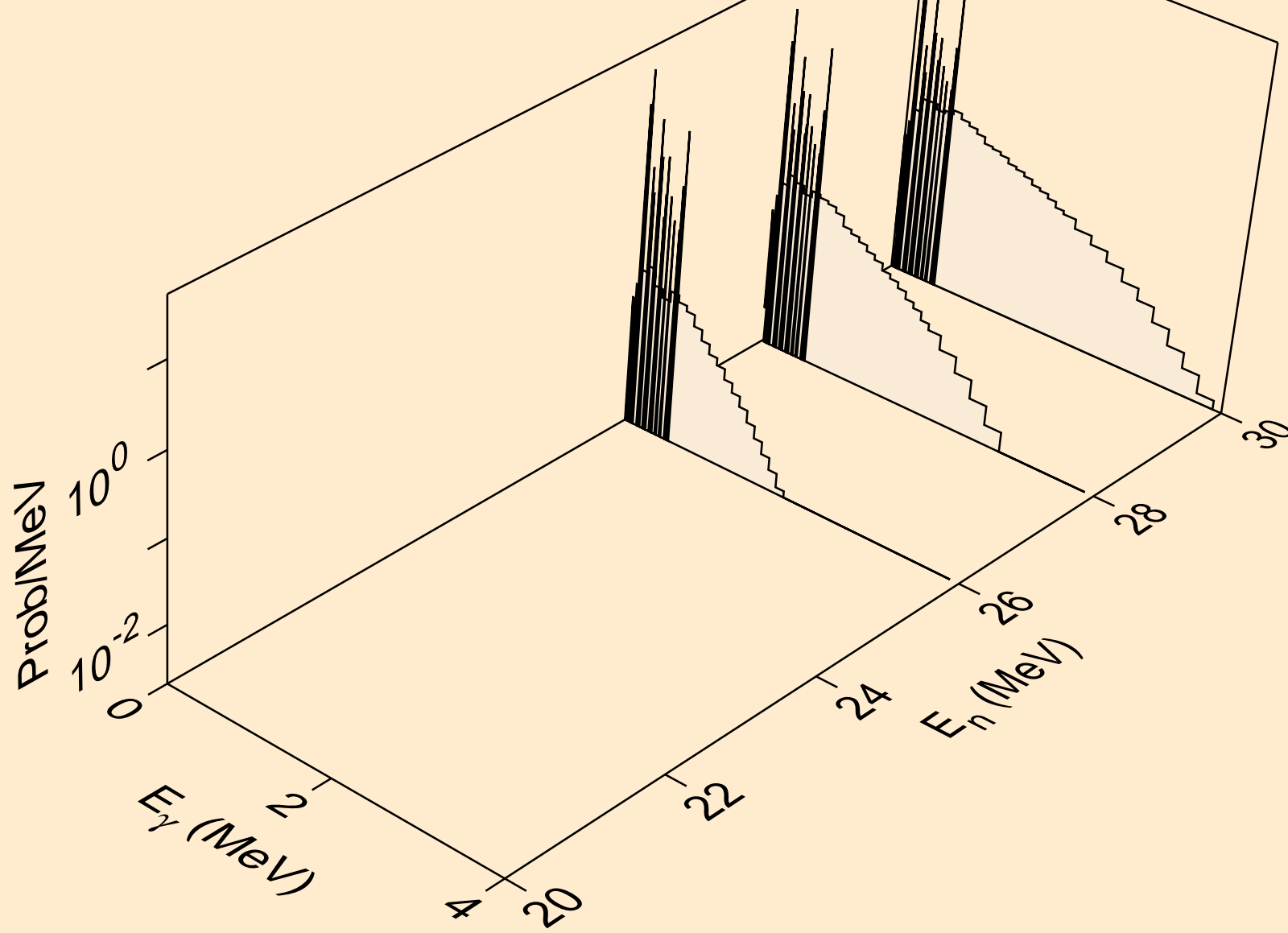
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



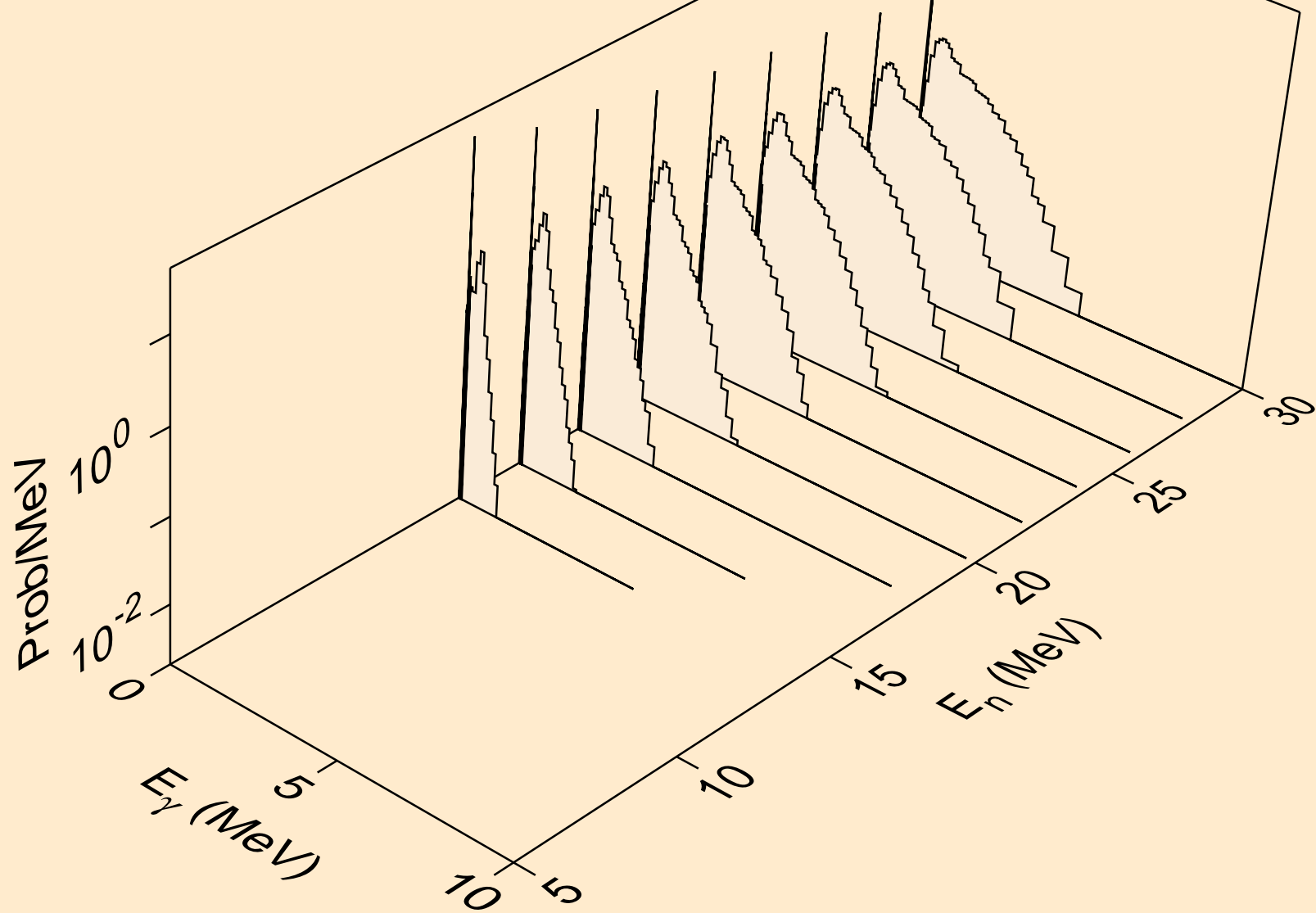
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



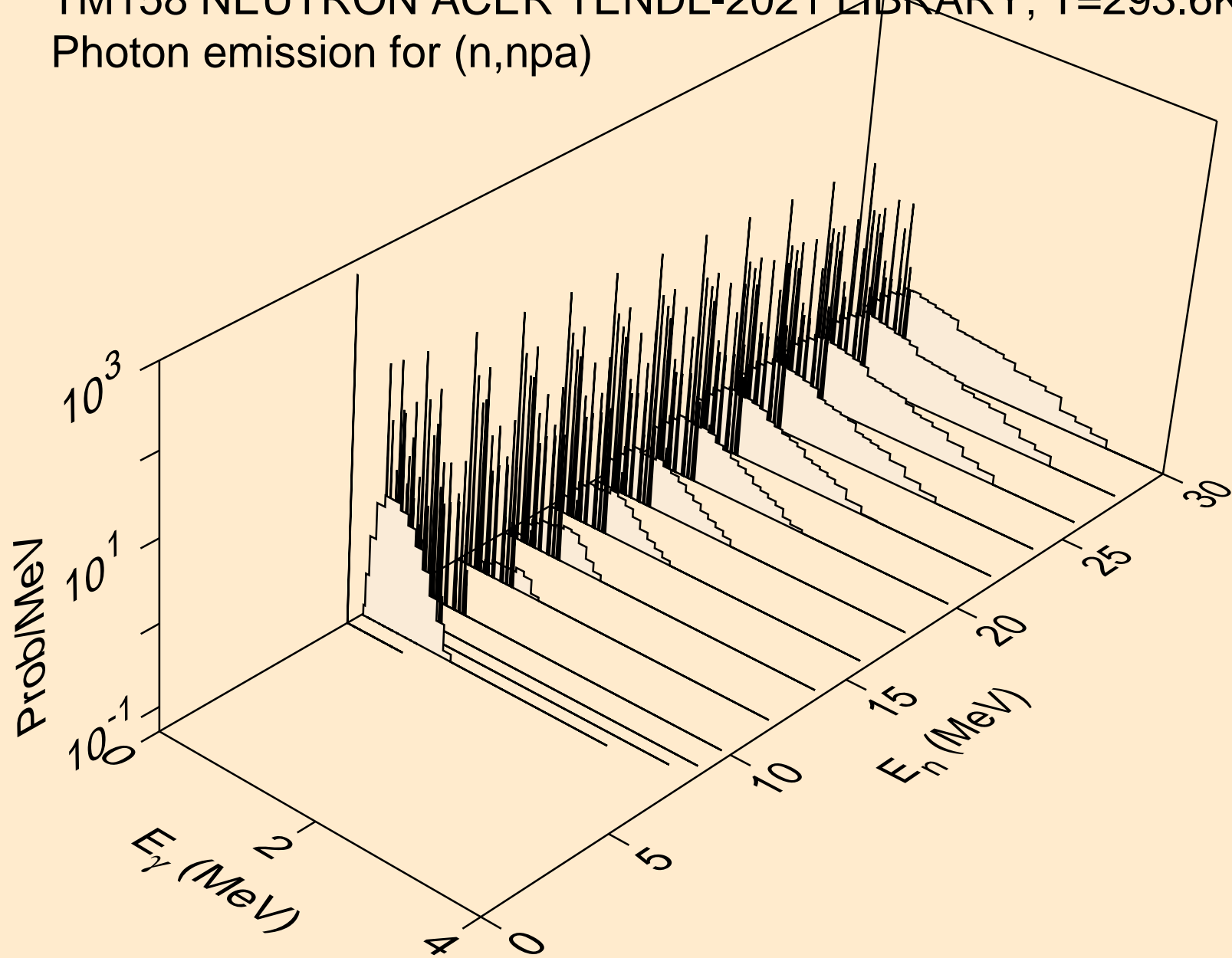
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



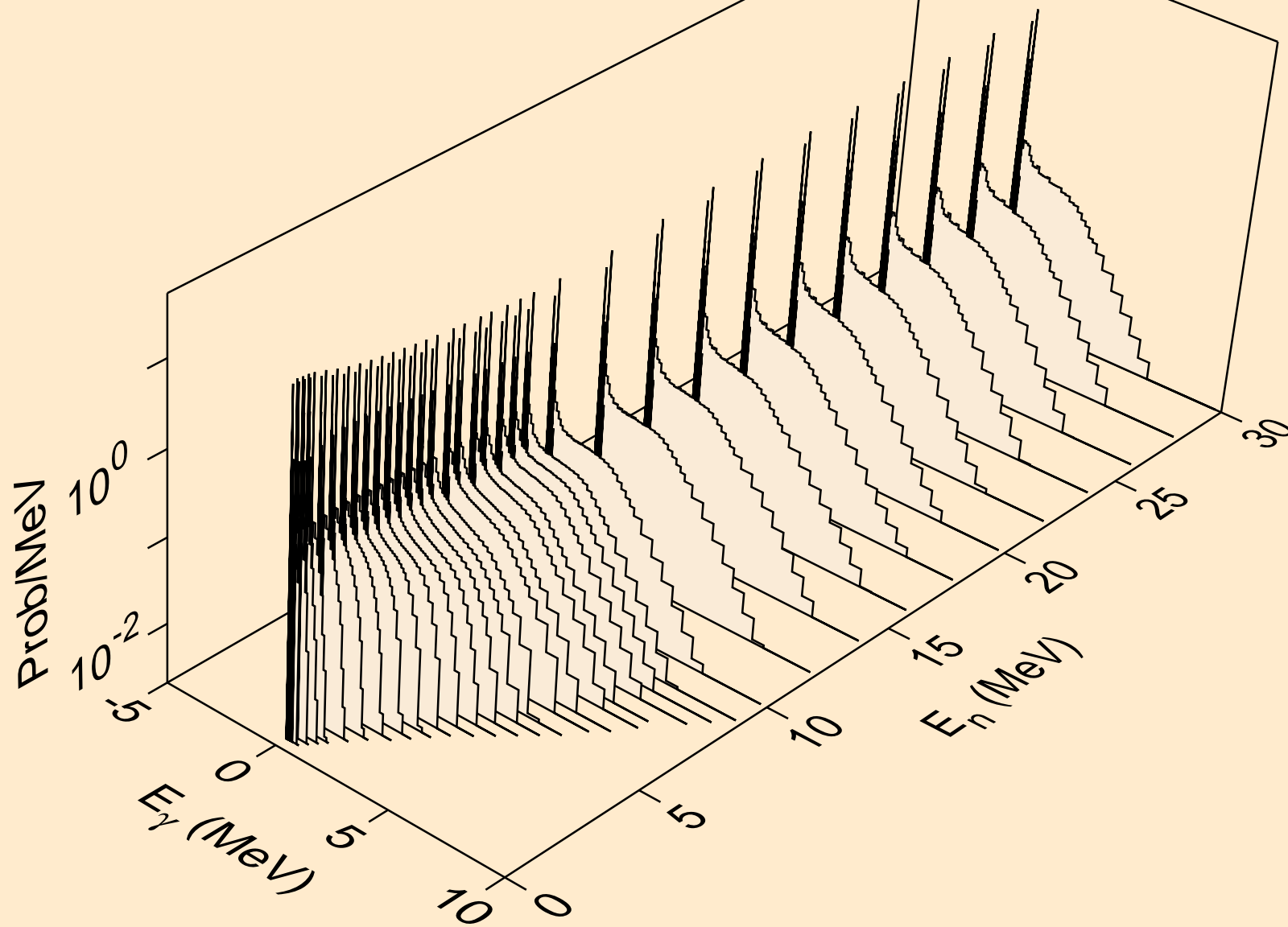
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



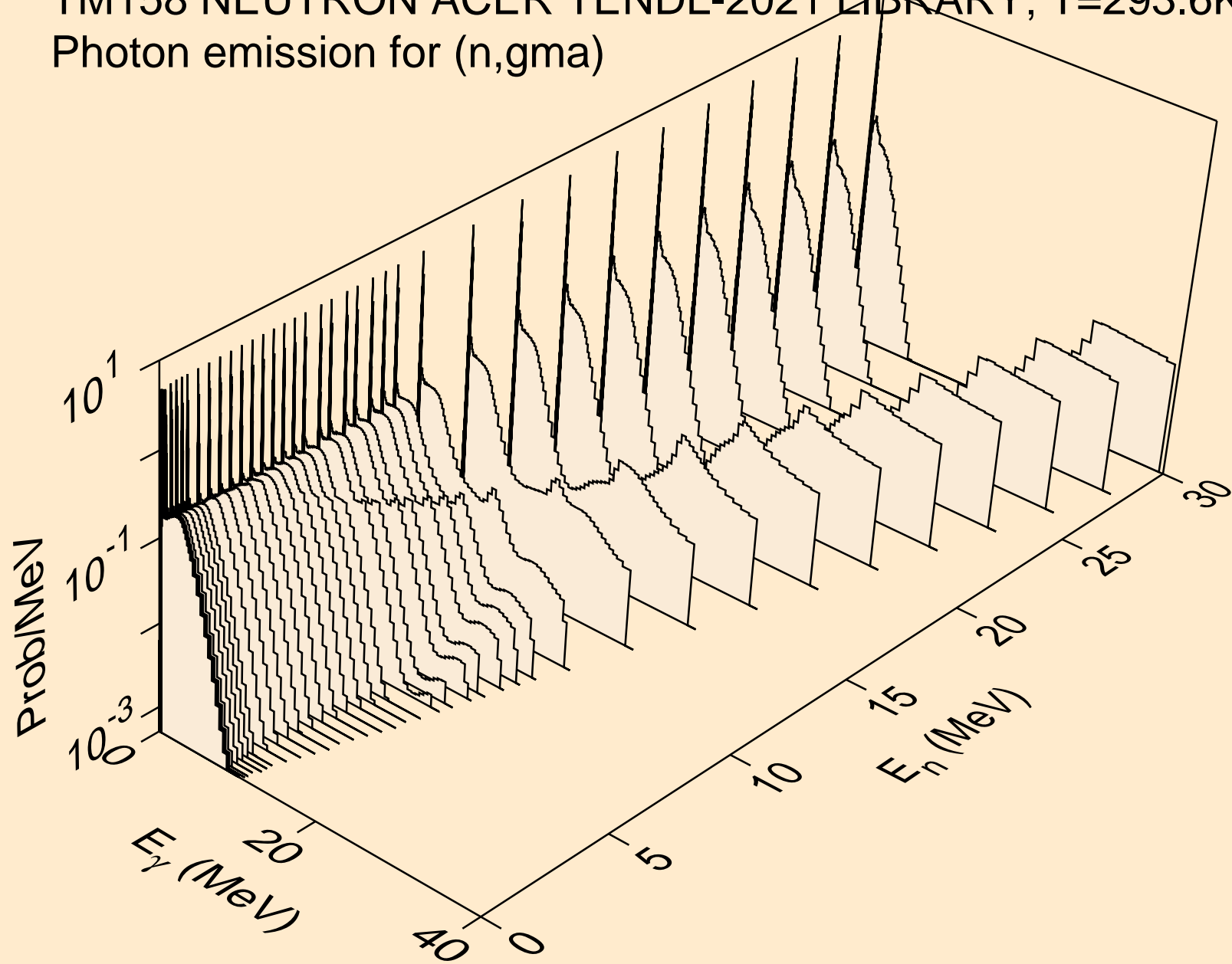
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



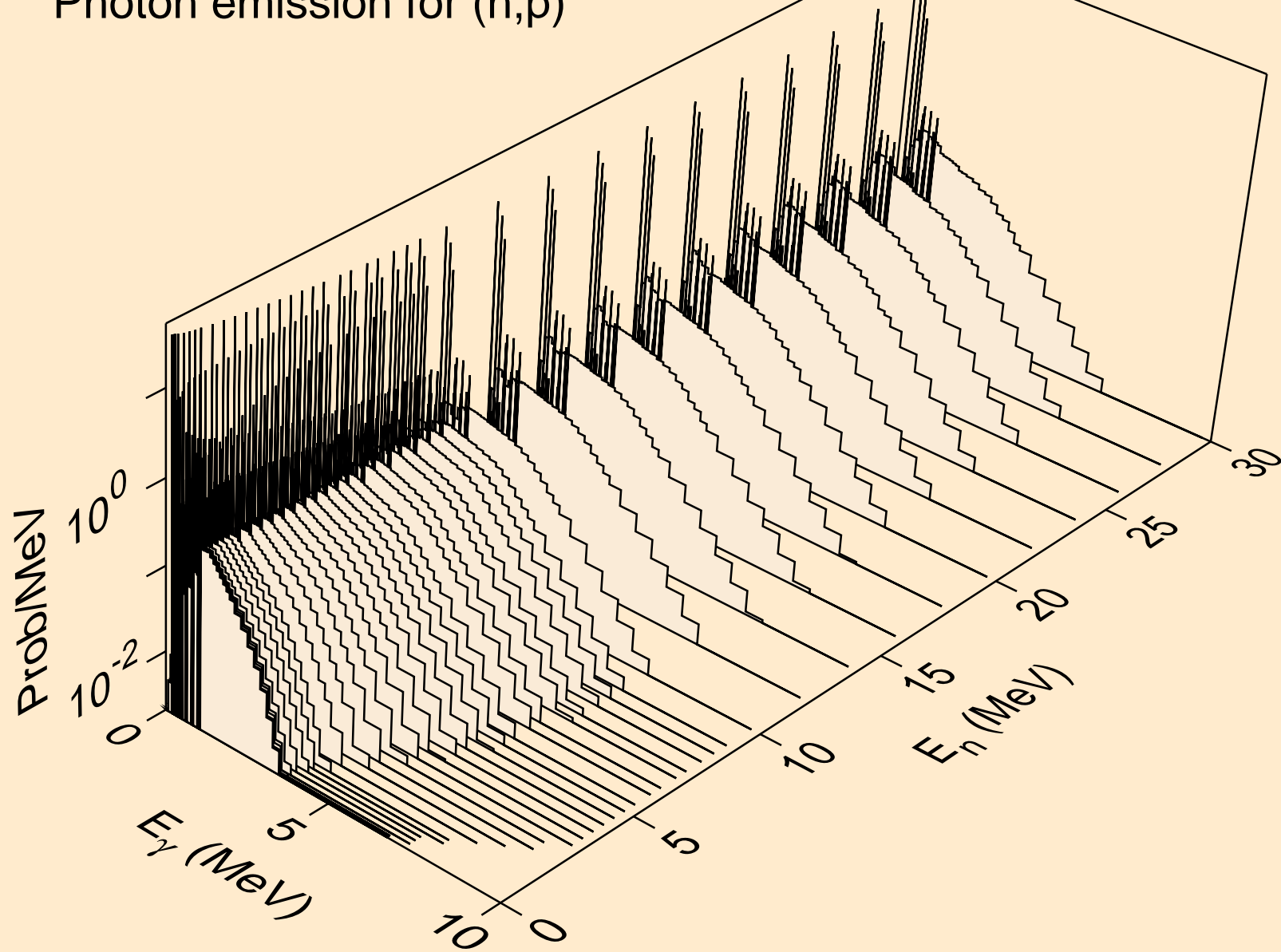
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)

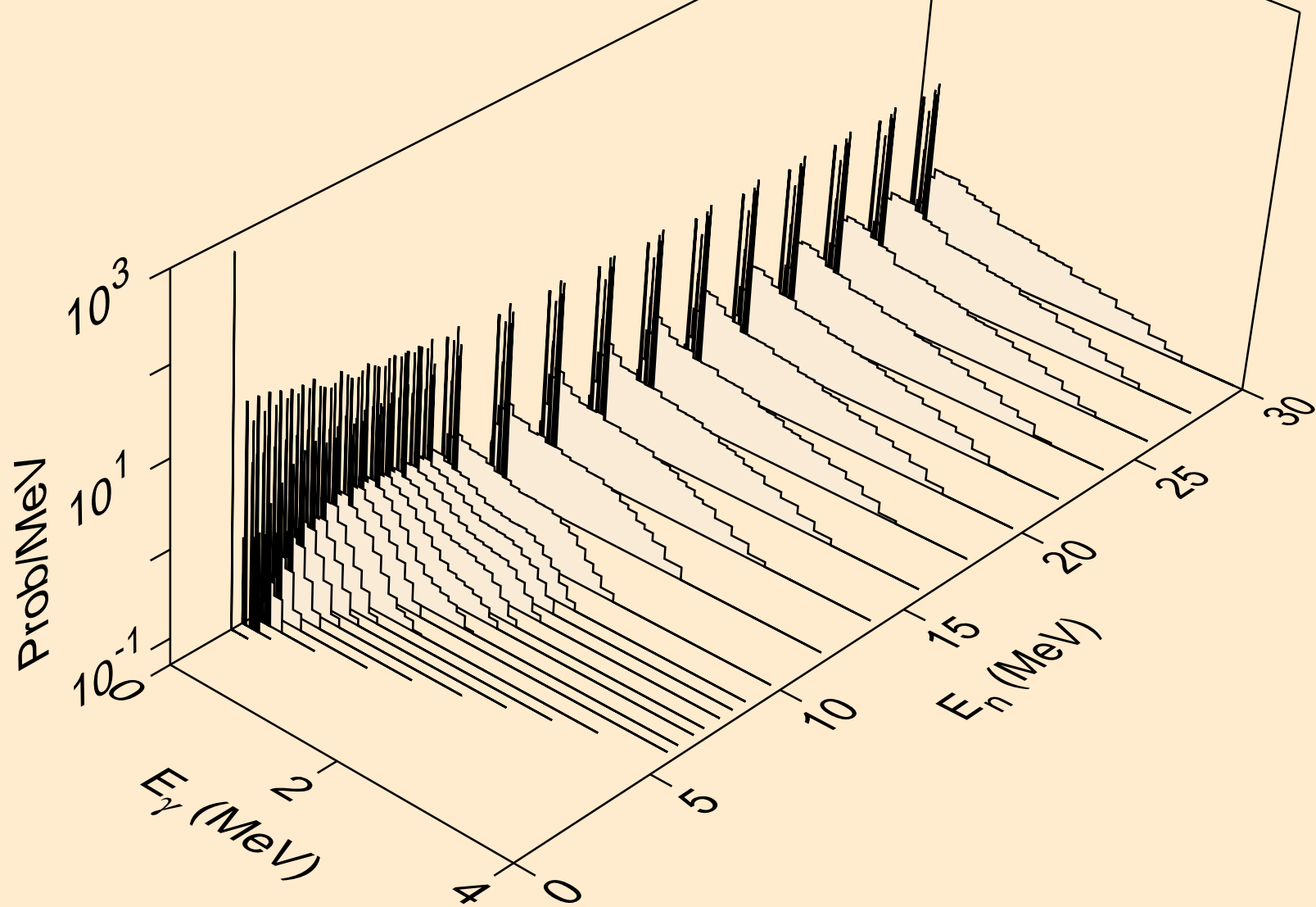


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

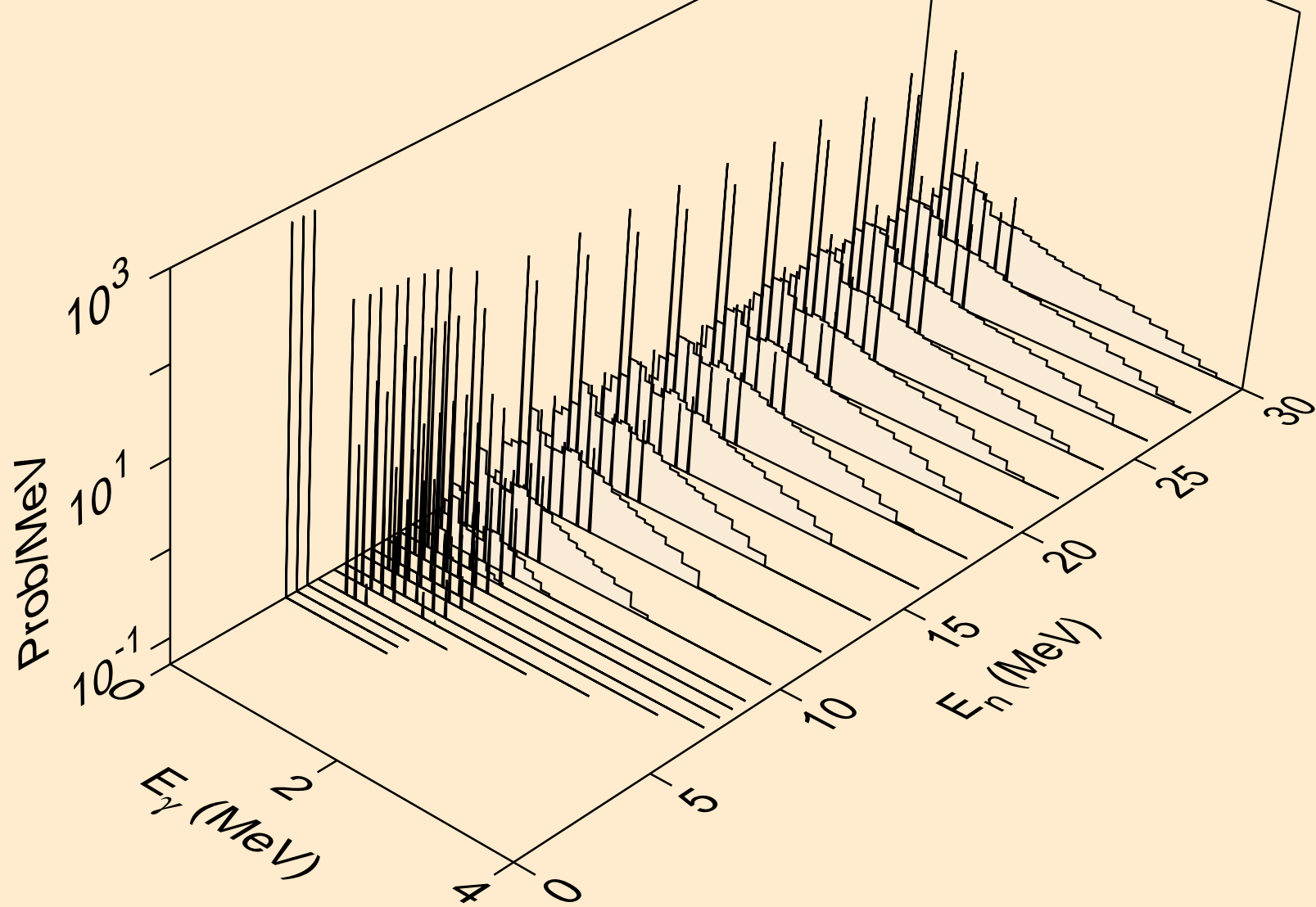




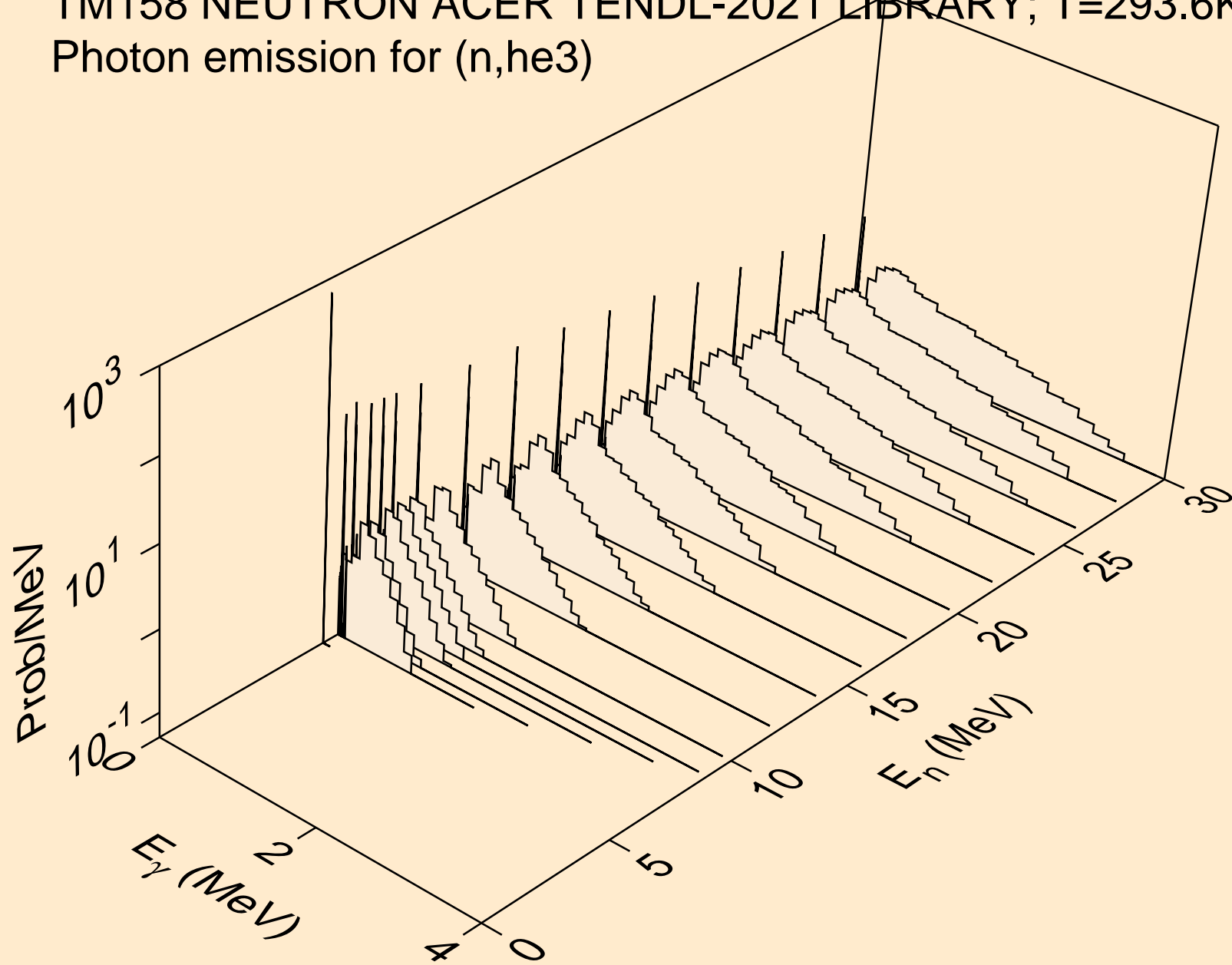
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



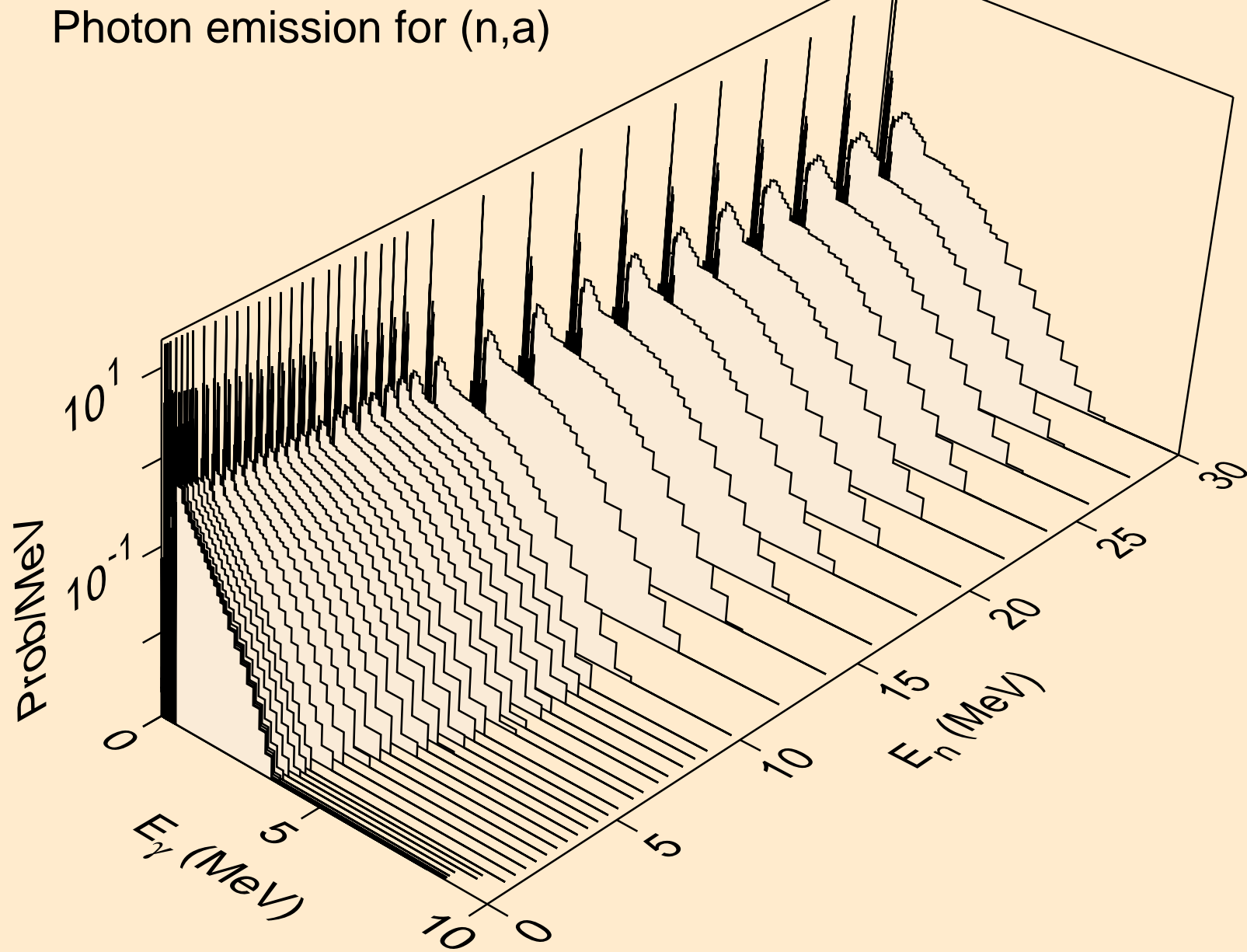
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



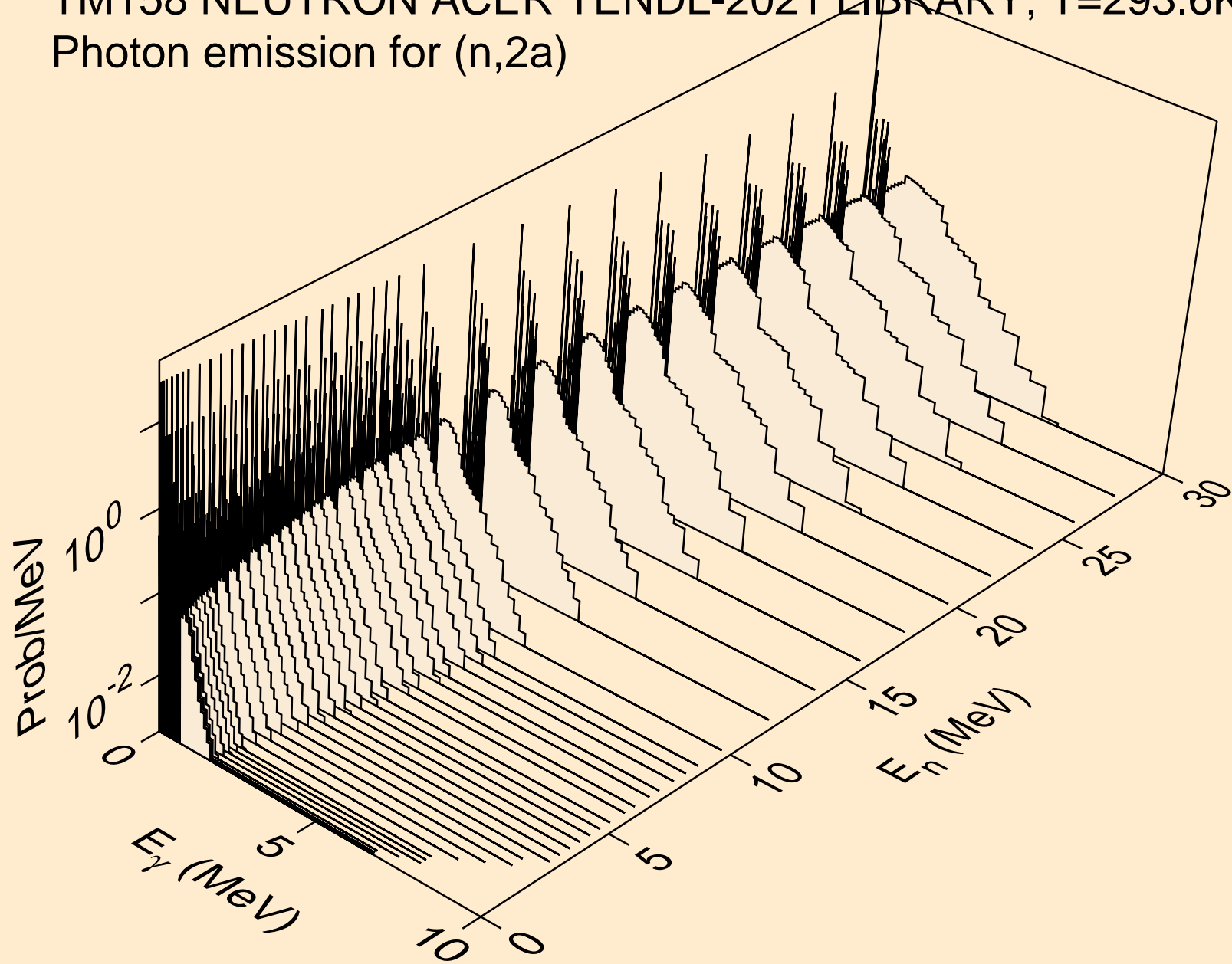
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



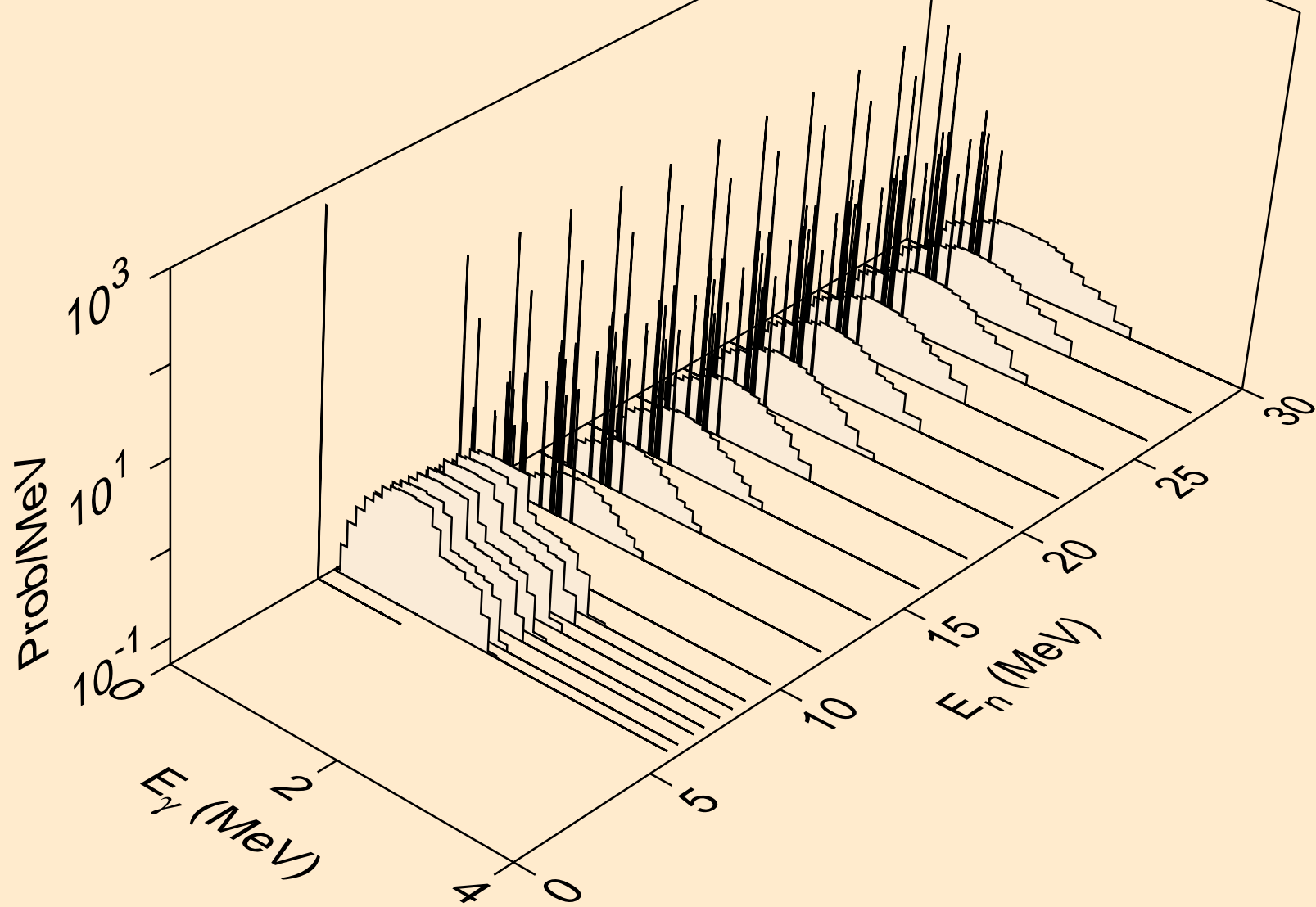
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



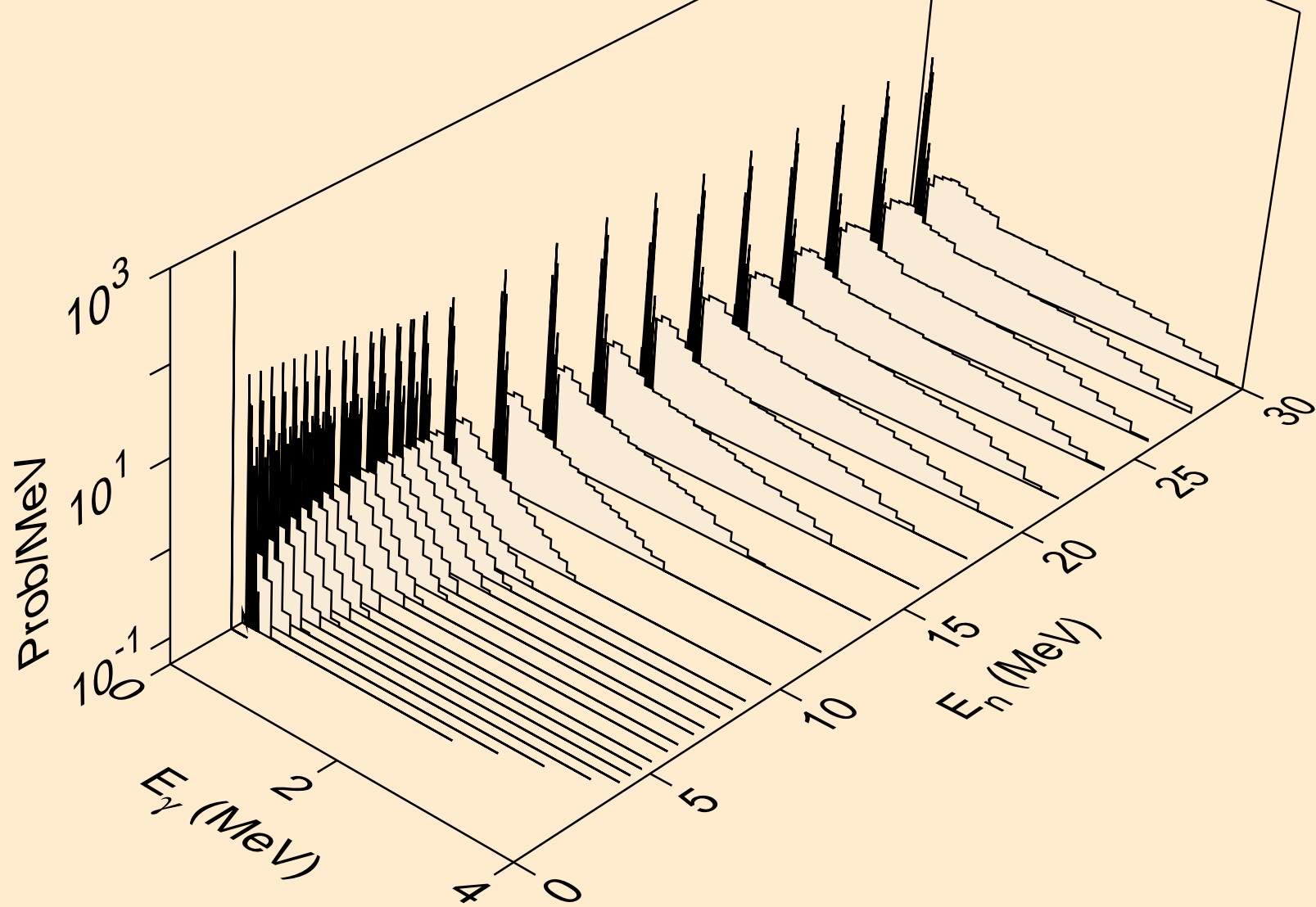
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



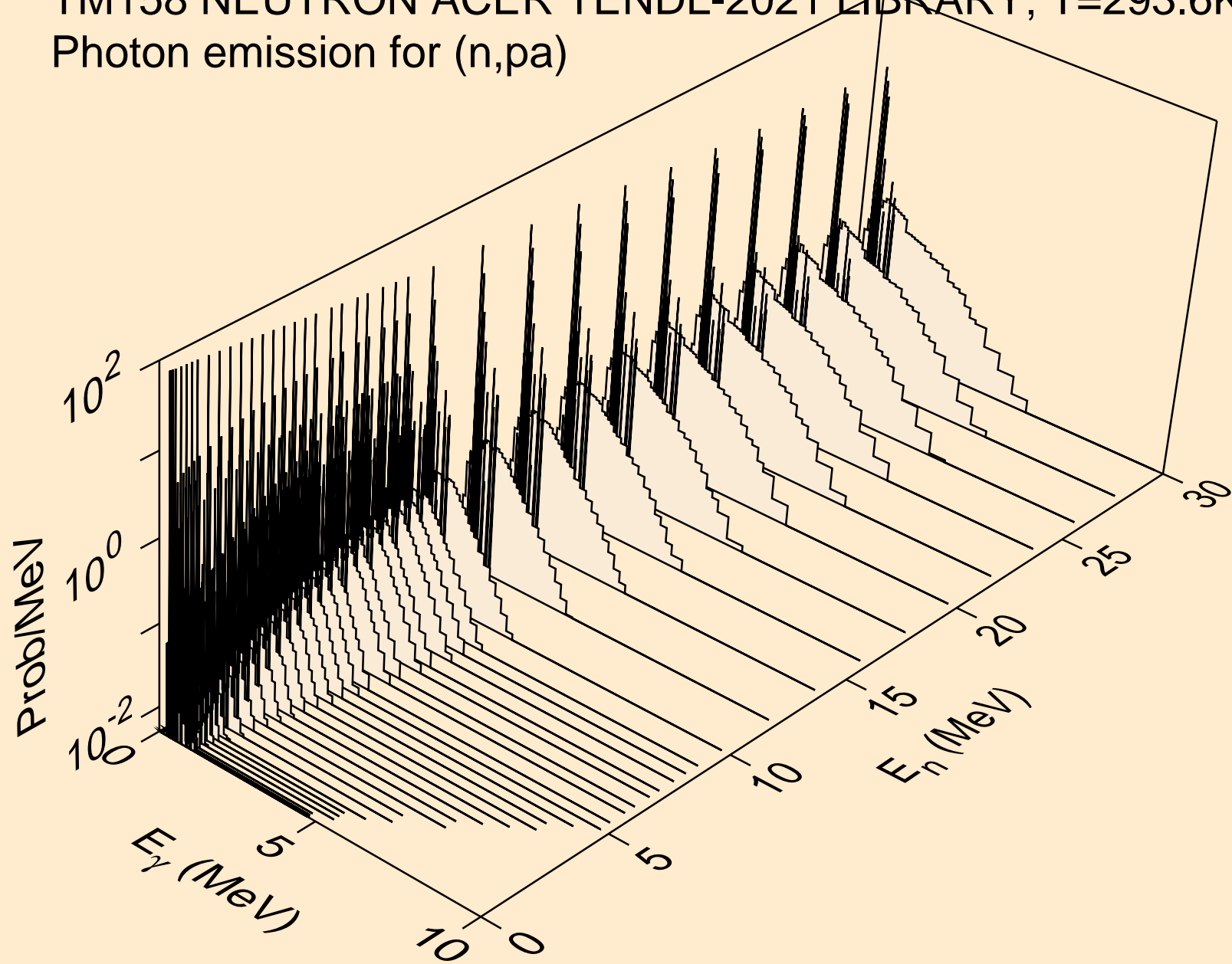
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3a)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2p)

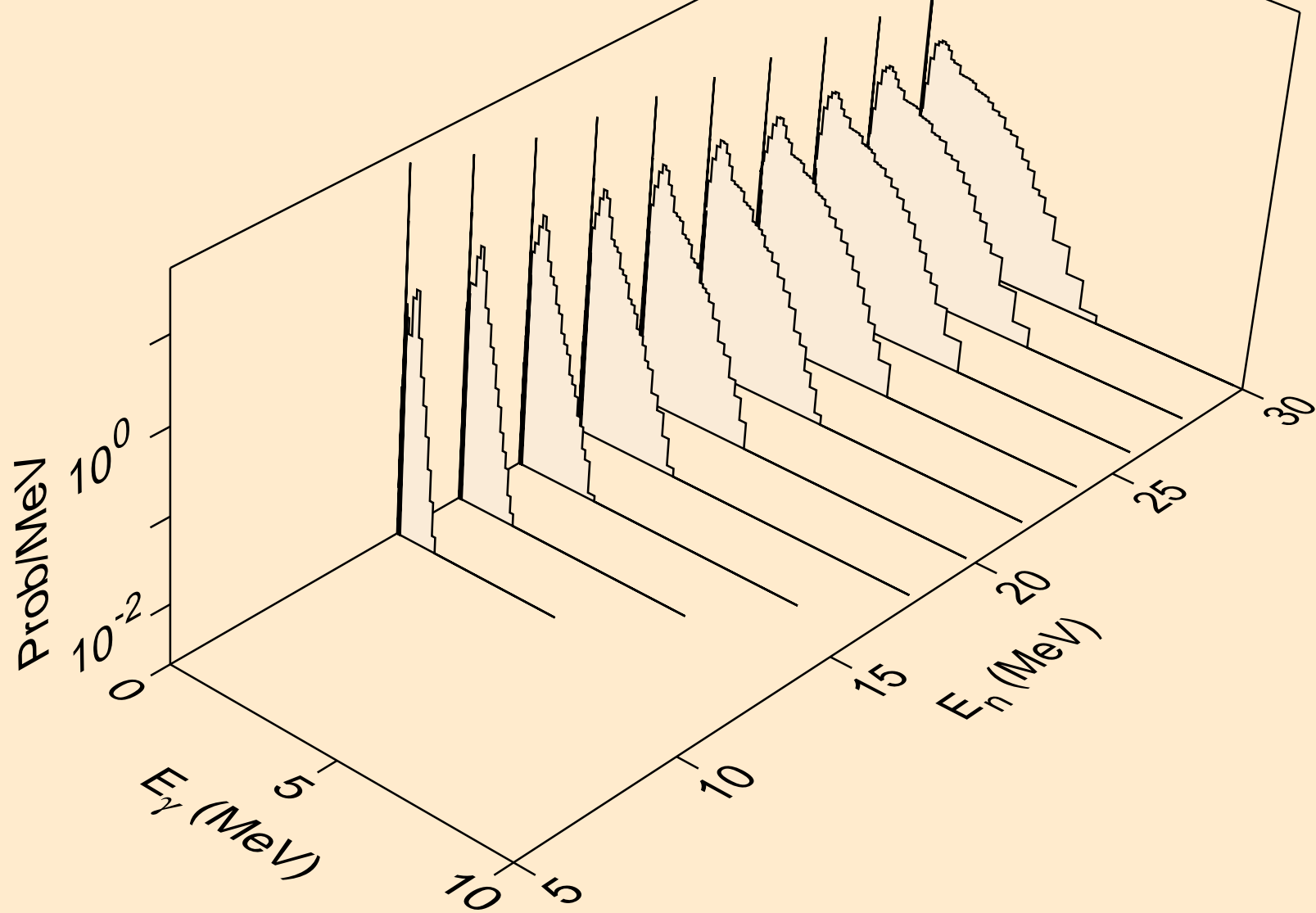


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

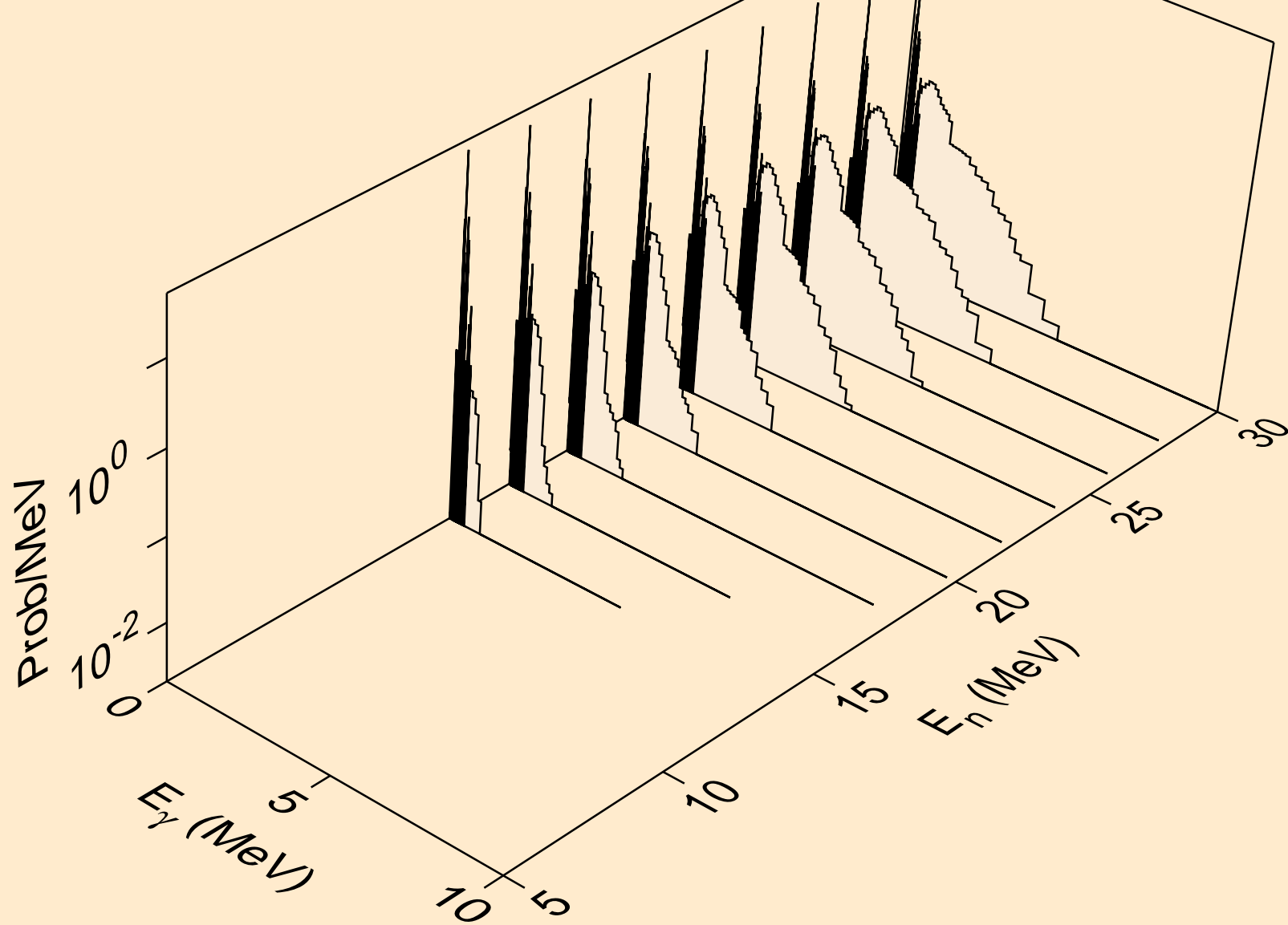




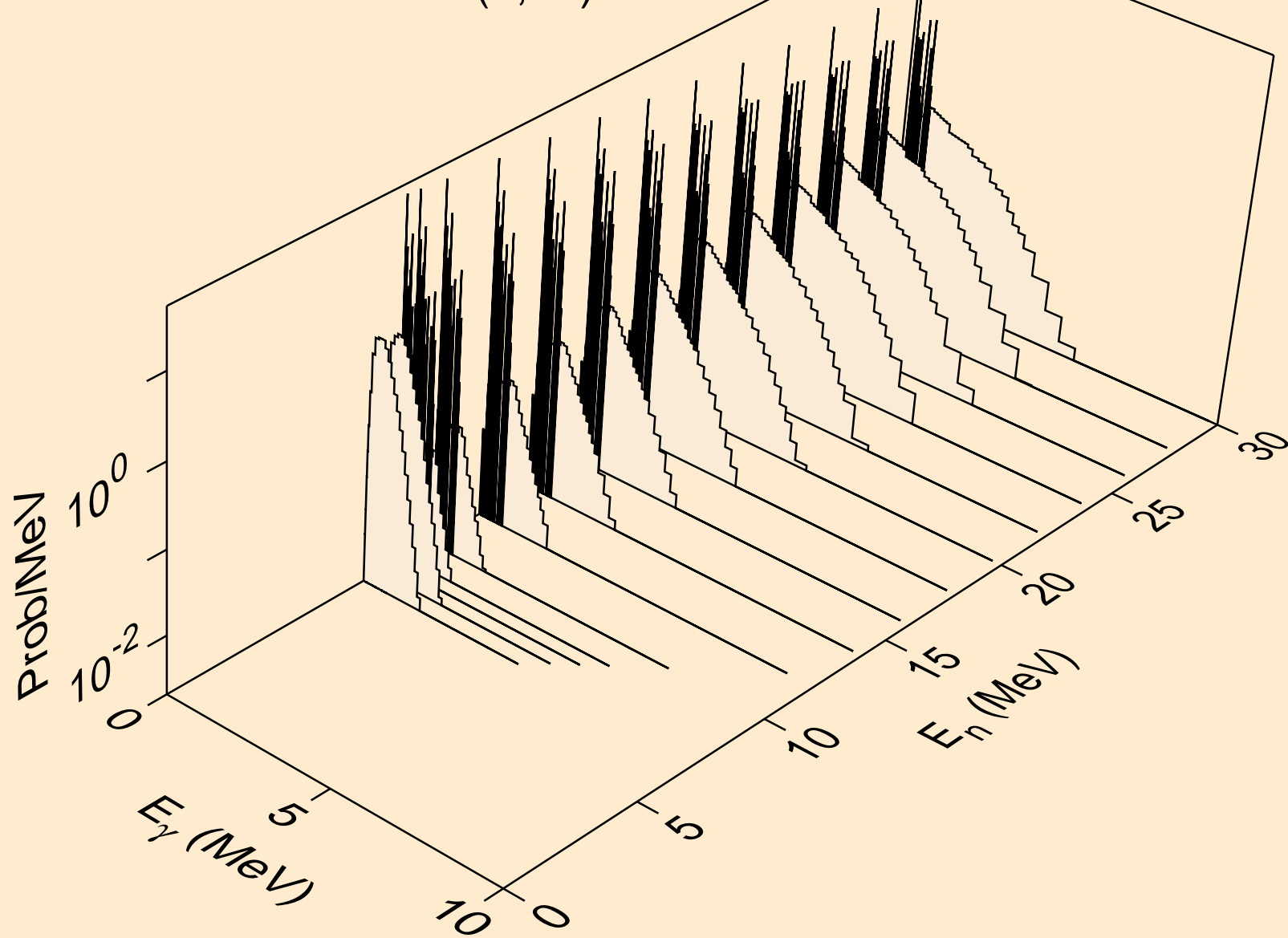
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



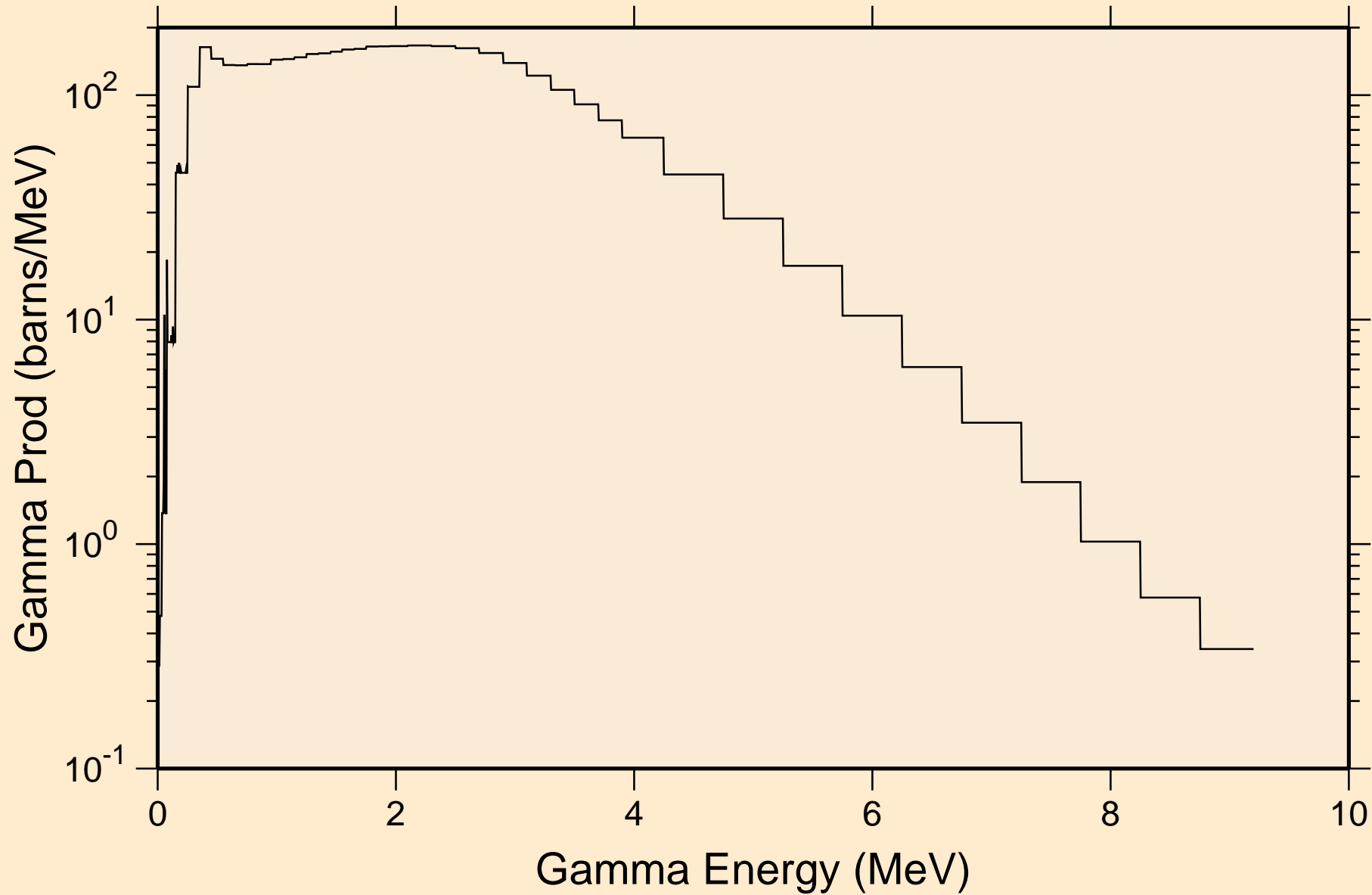
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



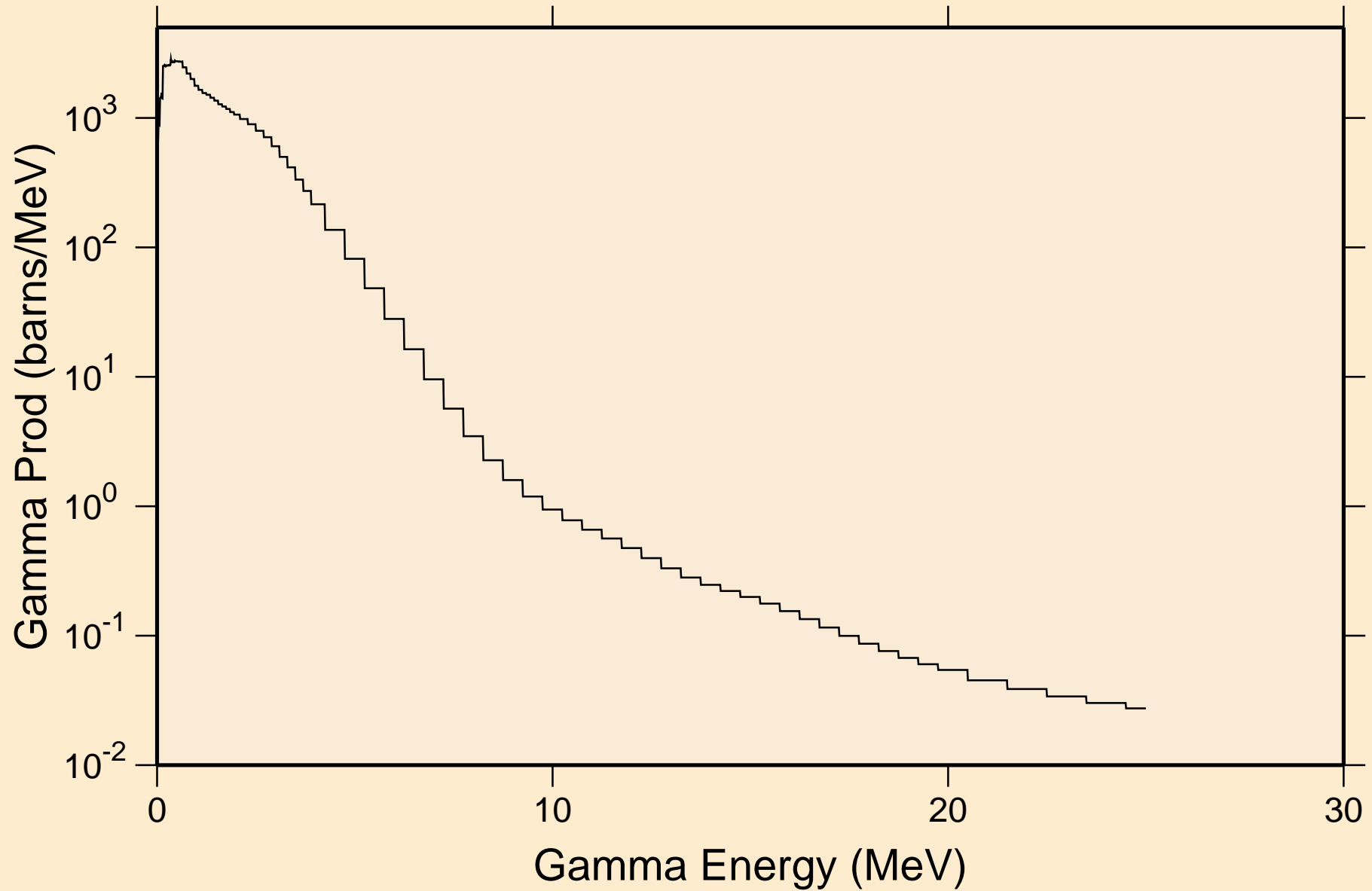
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

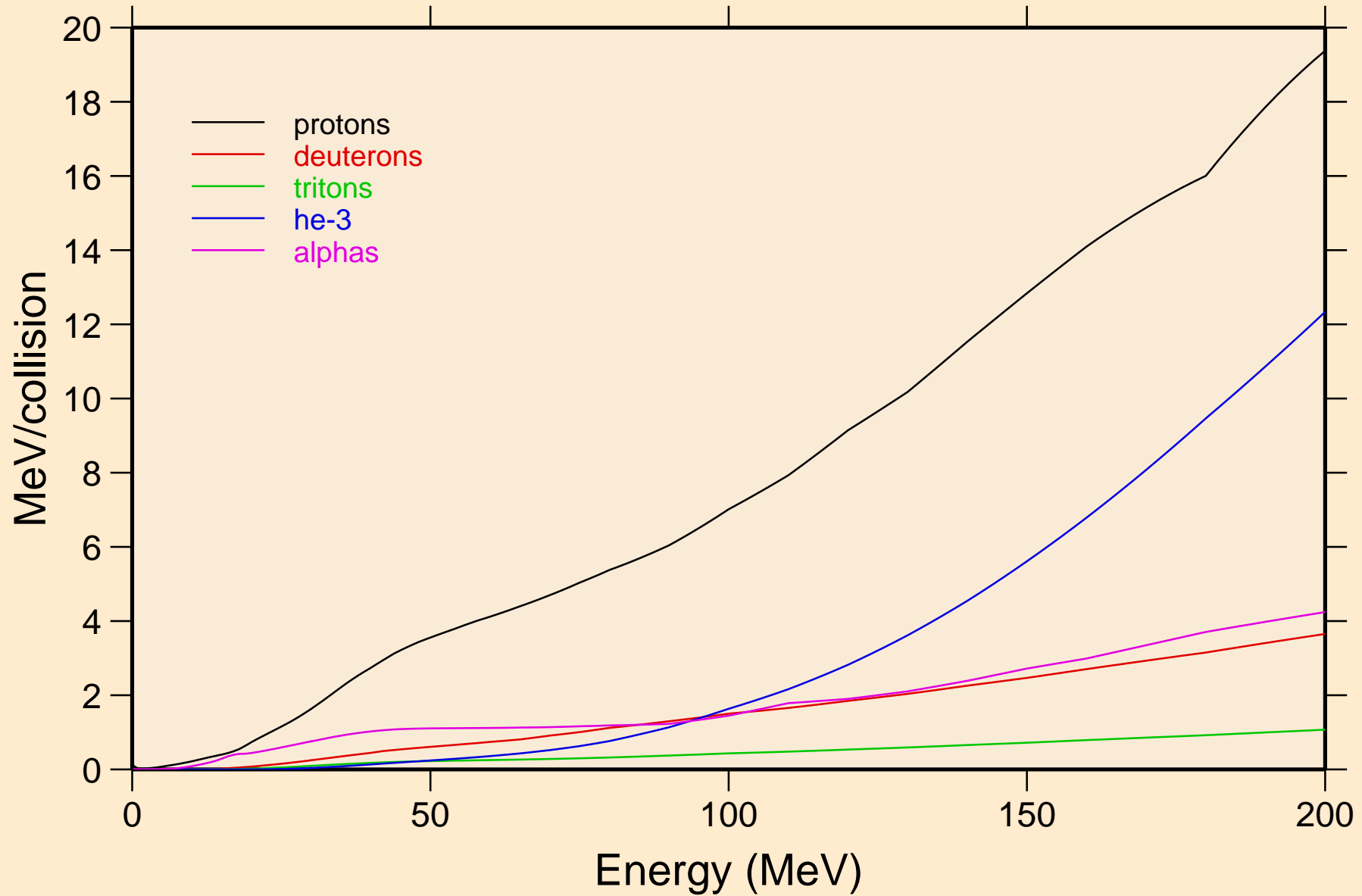


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

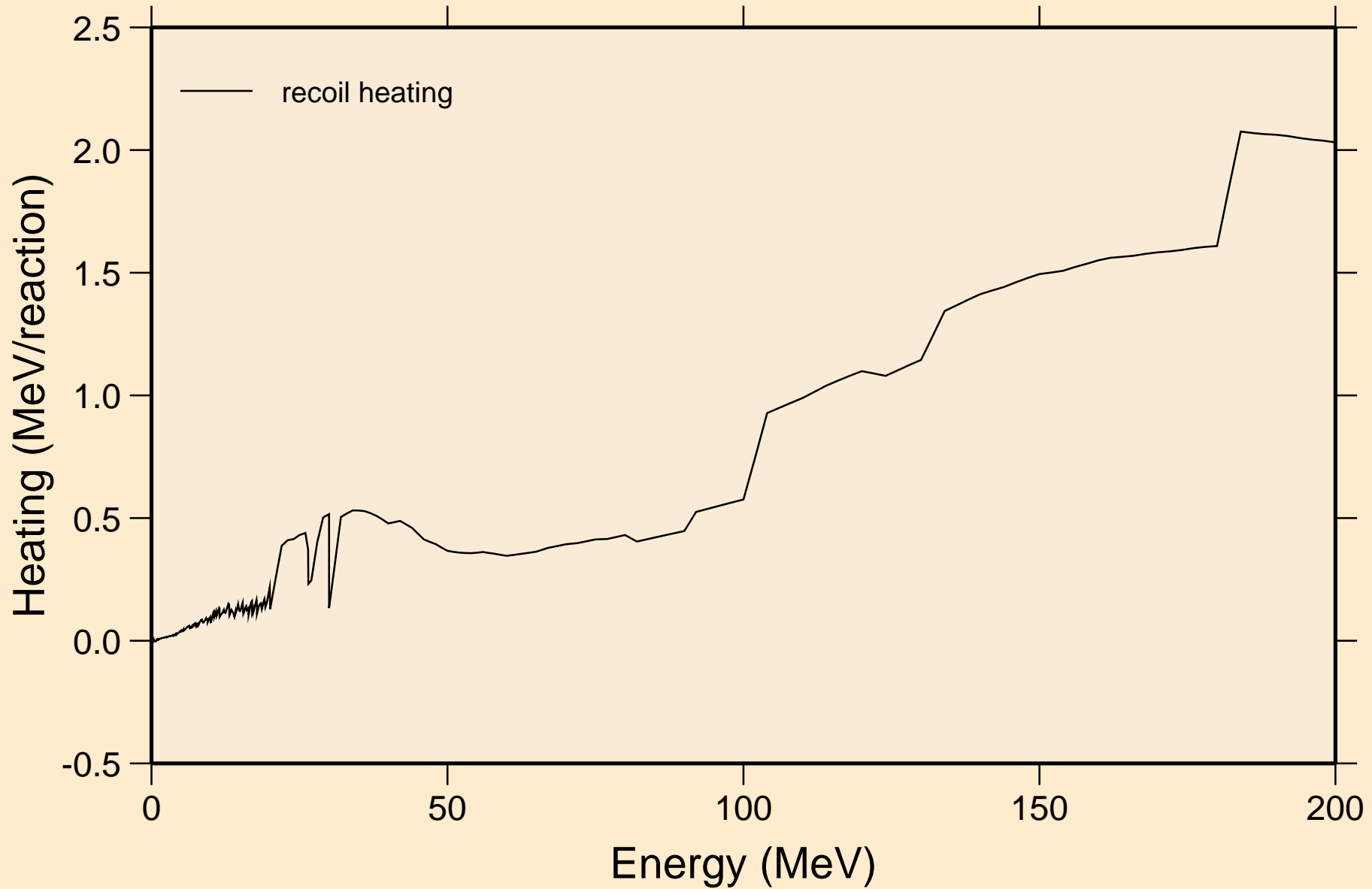


# TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

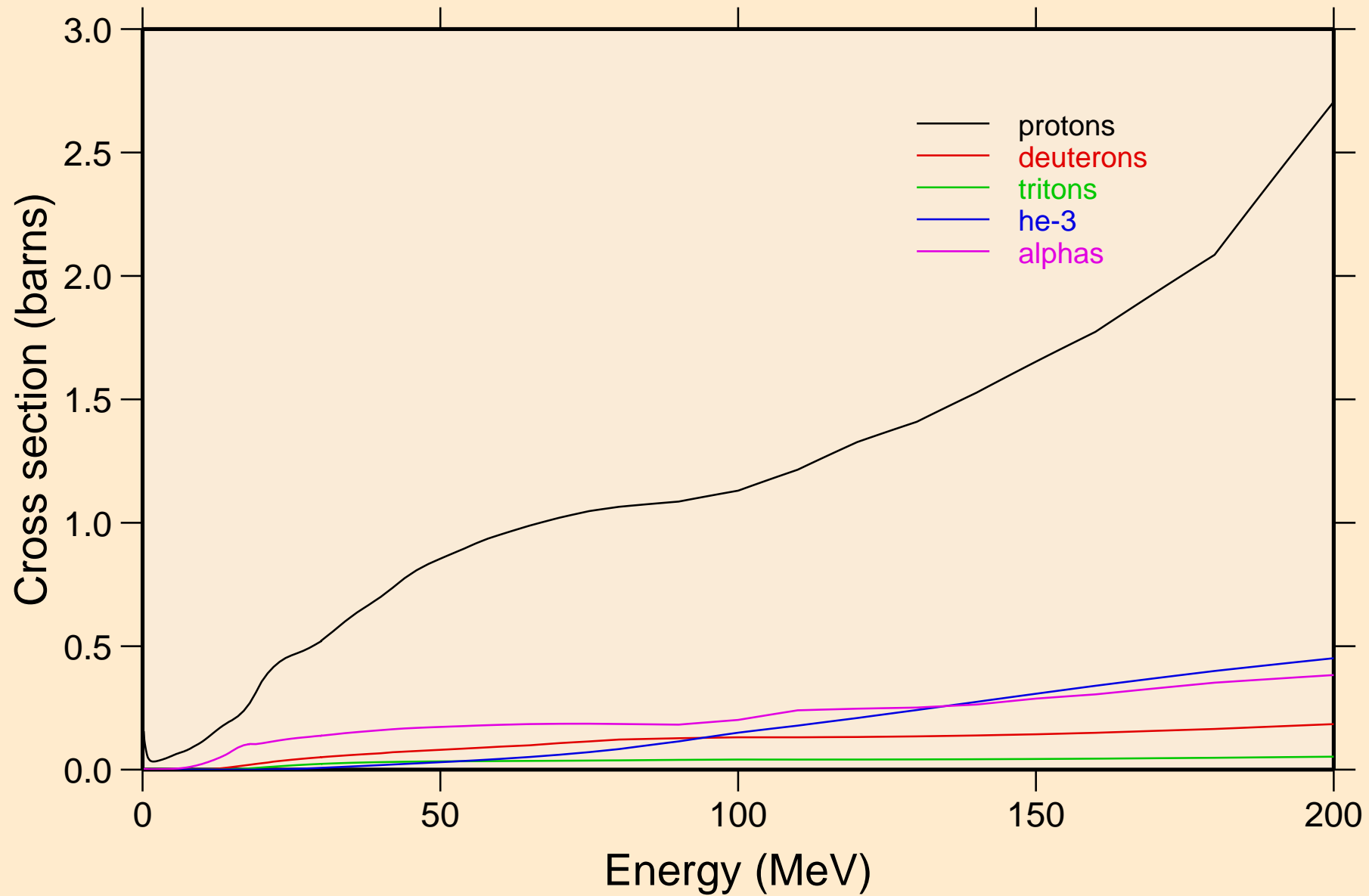
## Particle heating contributions



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

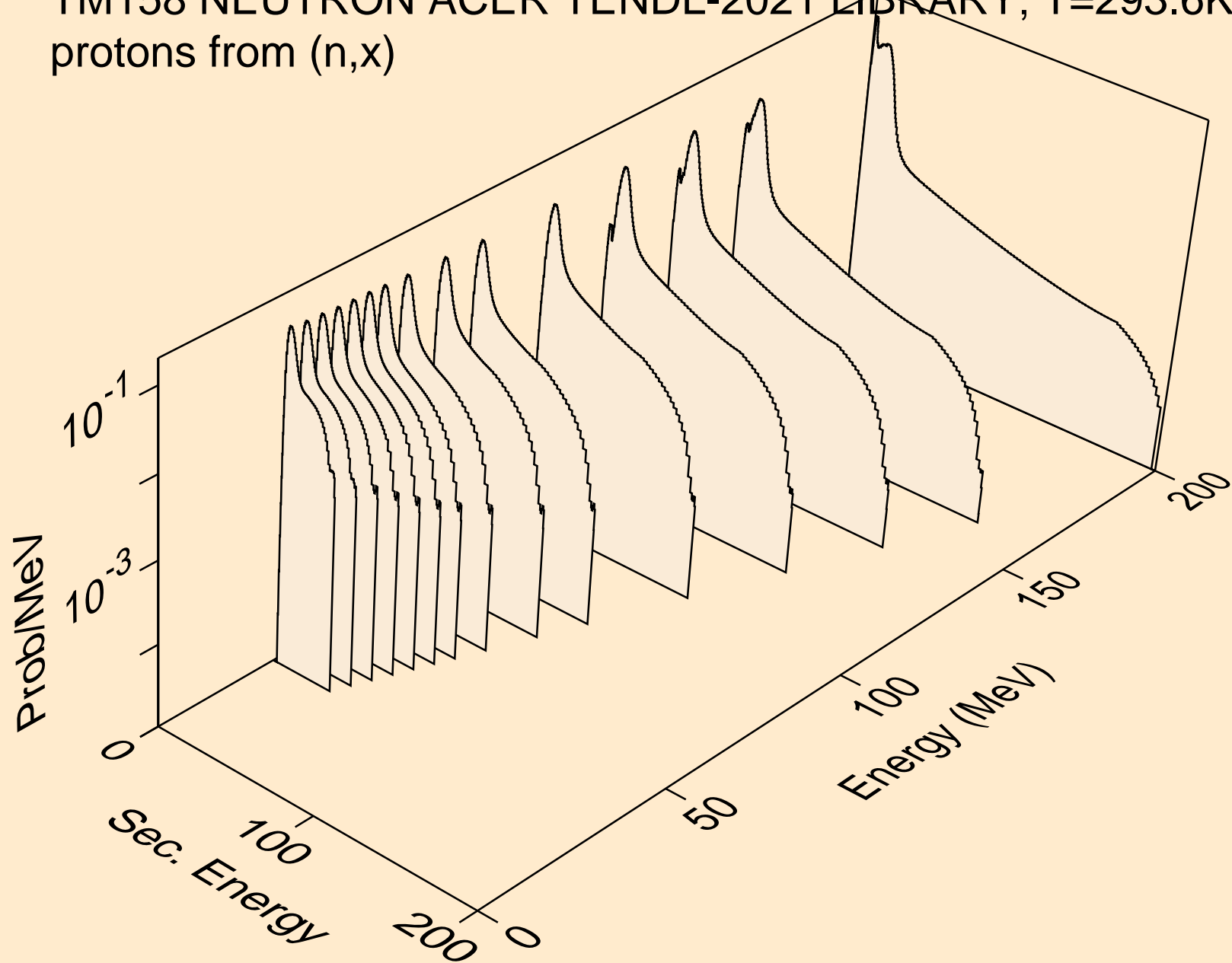


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections

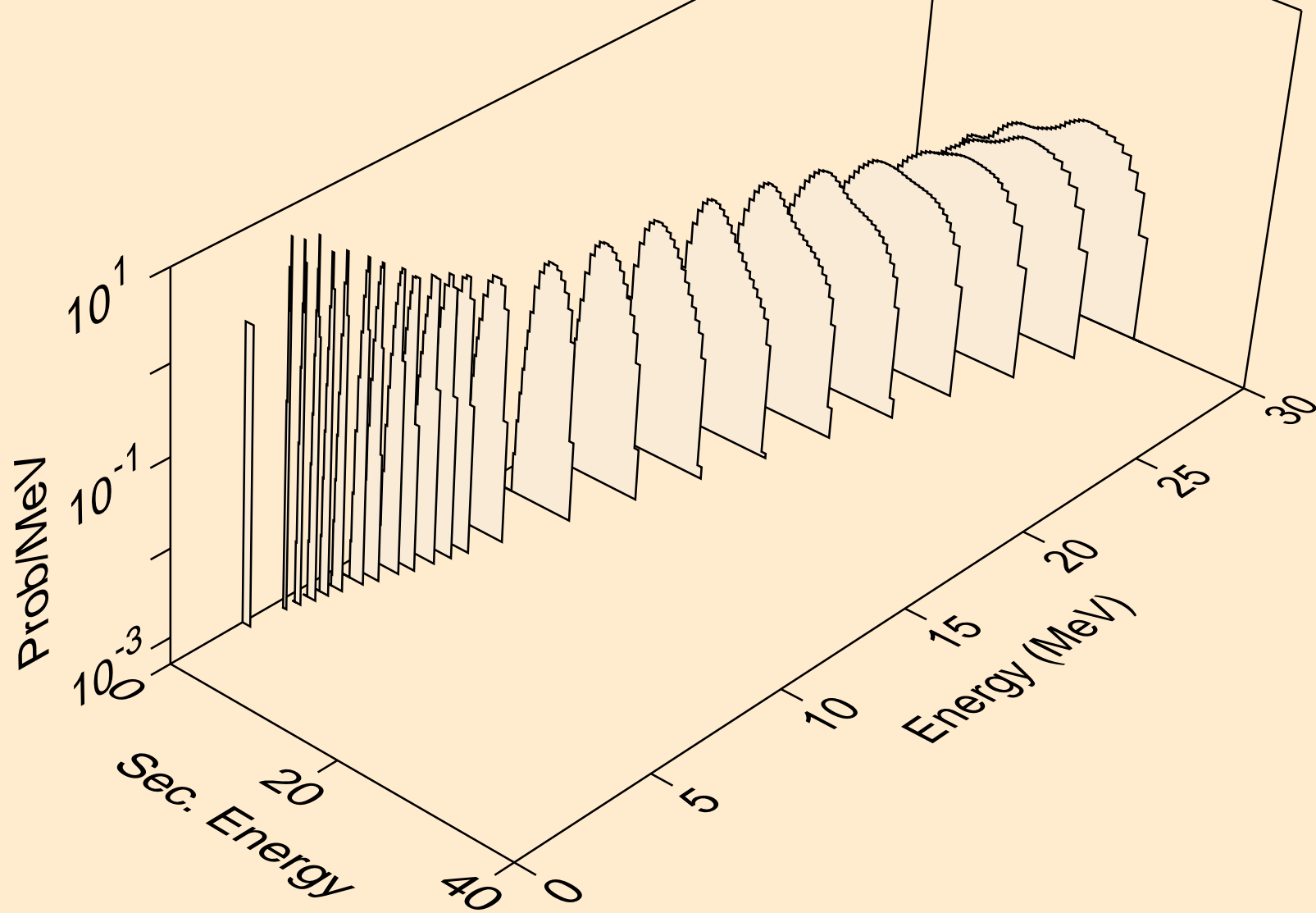




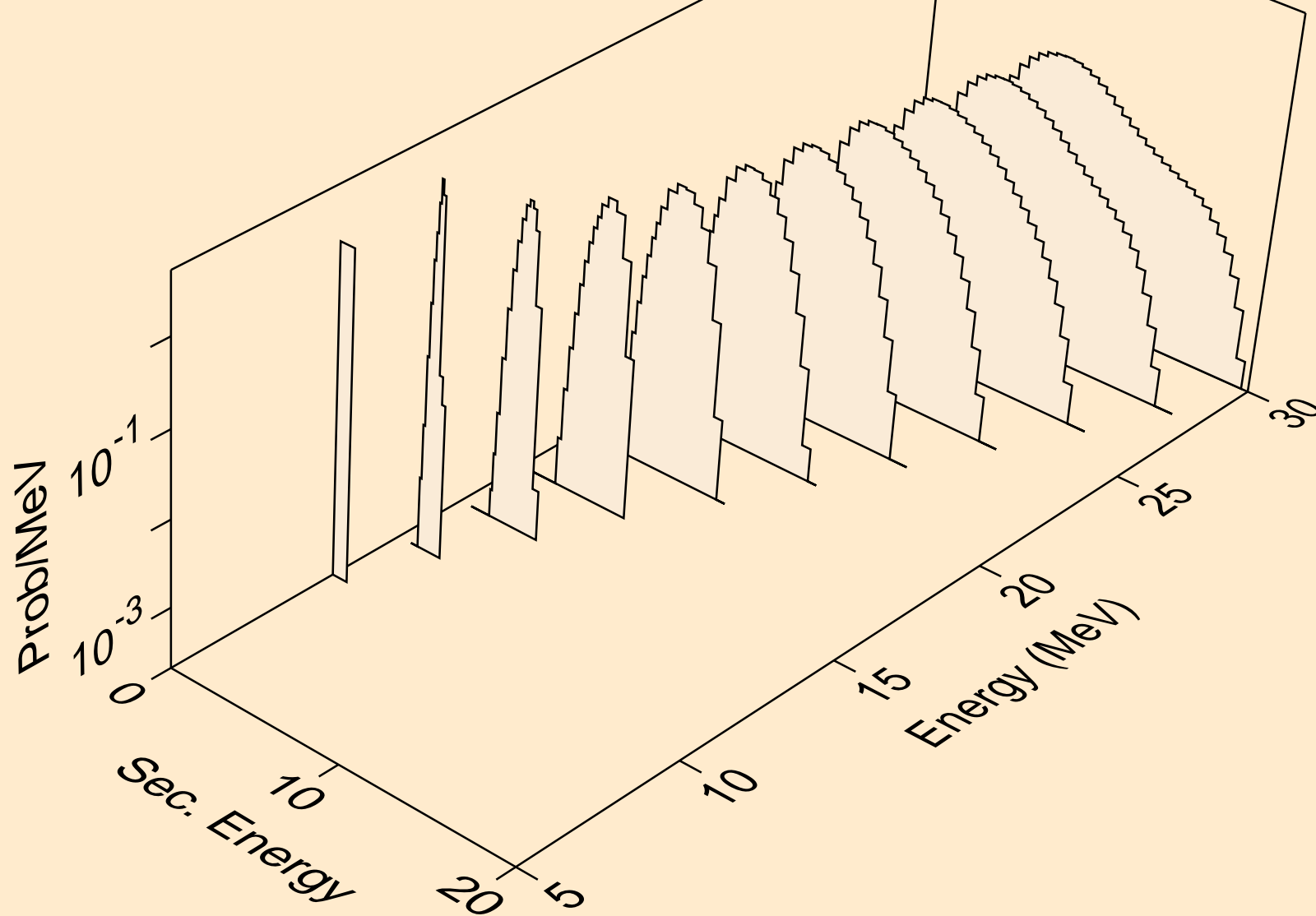
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



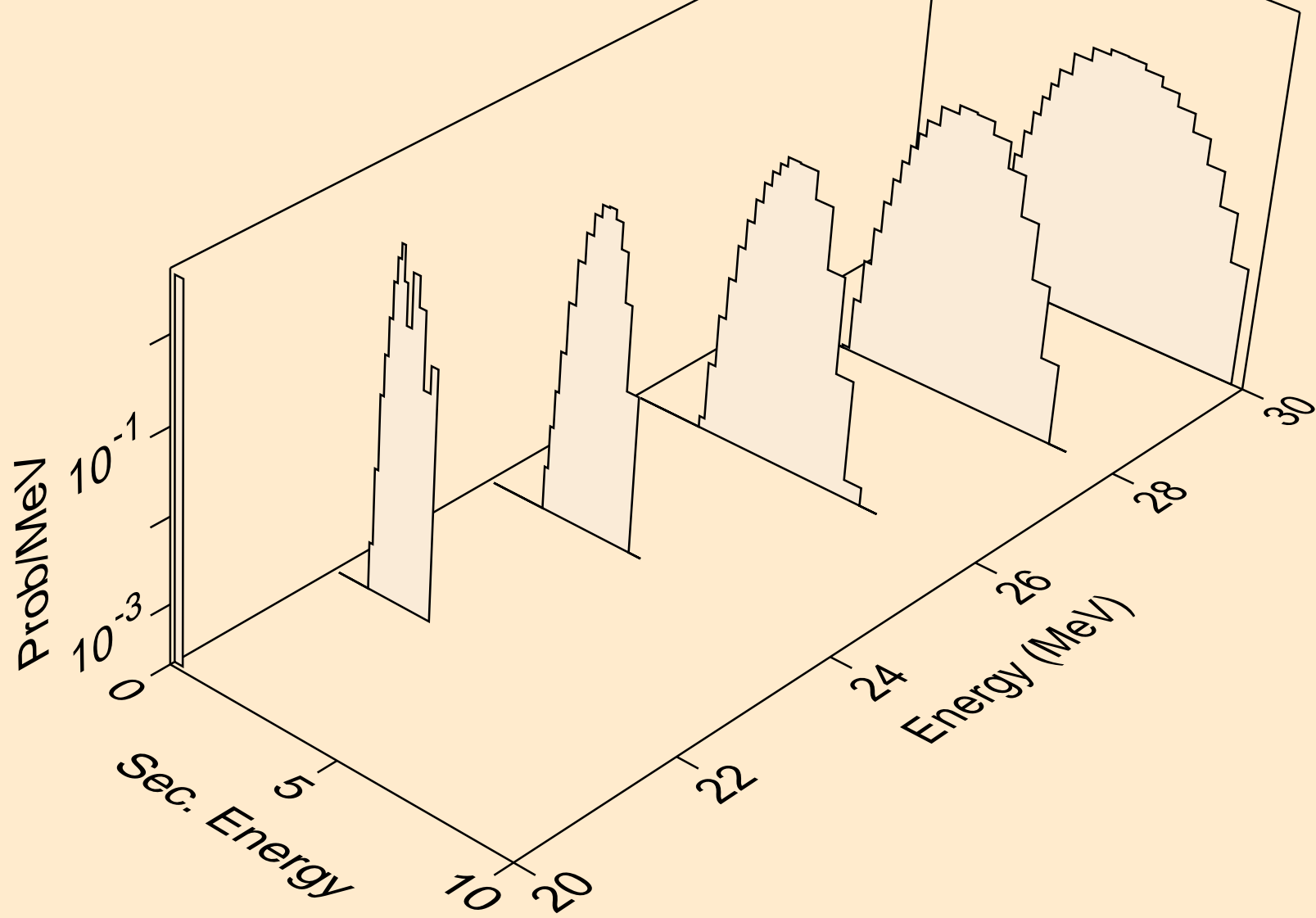
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



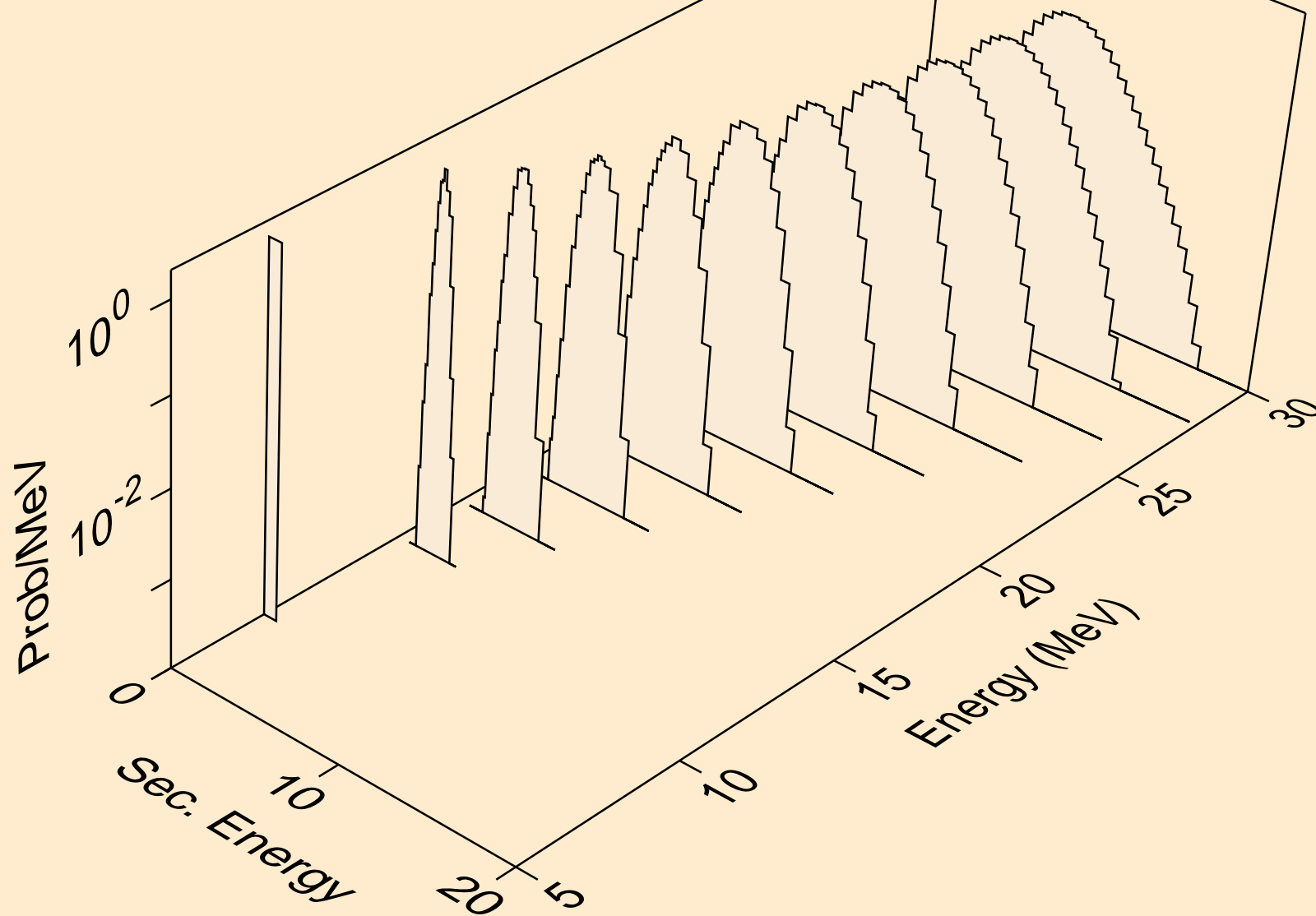
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



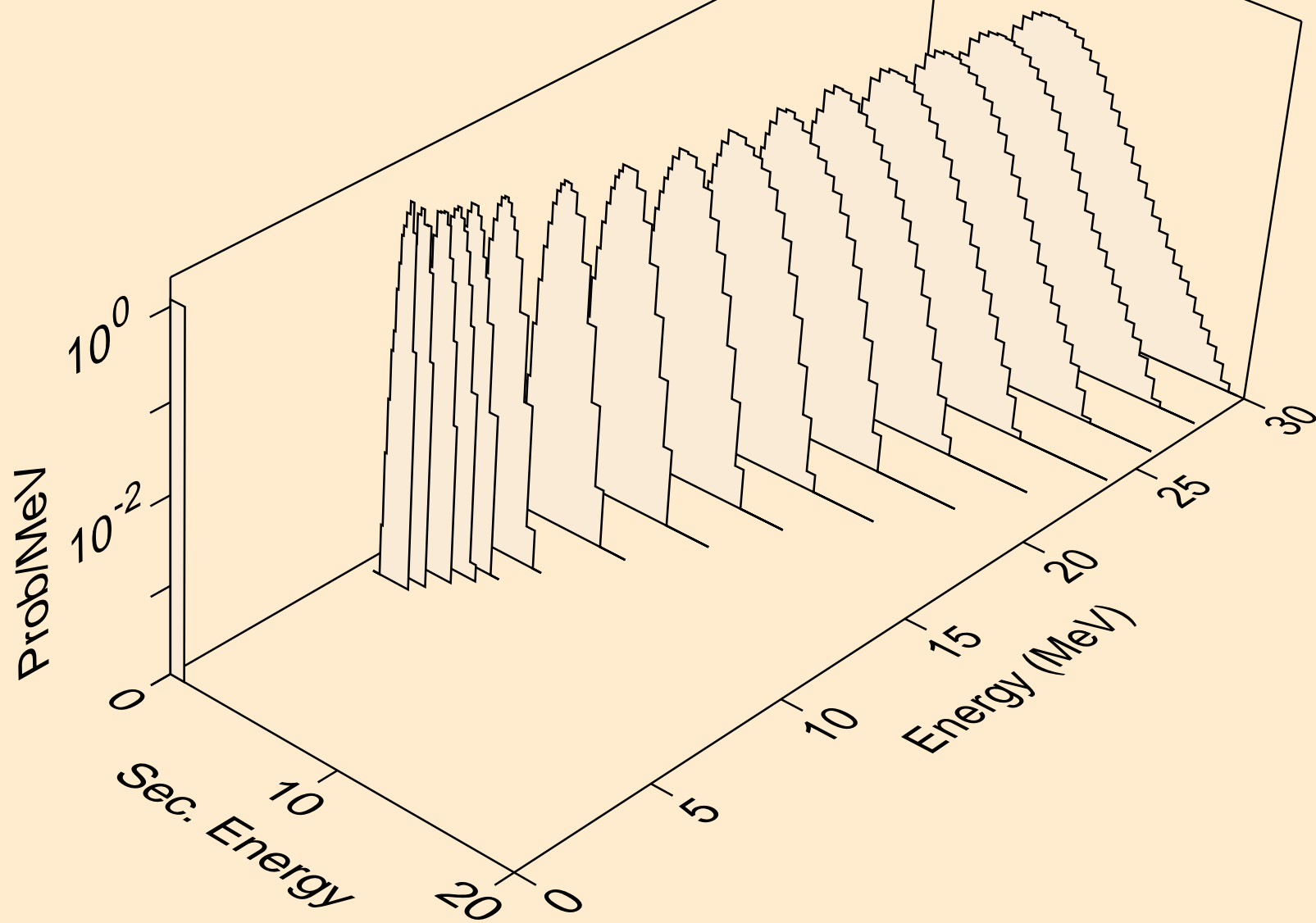
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protons from (n,3np)



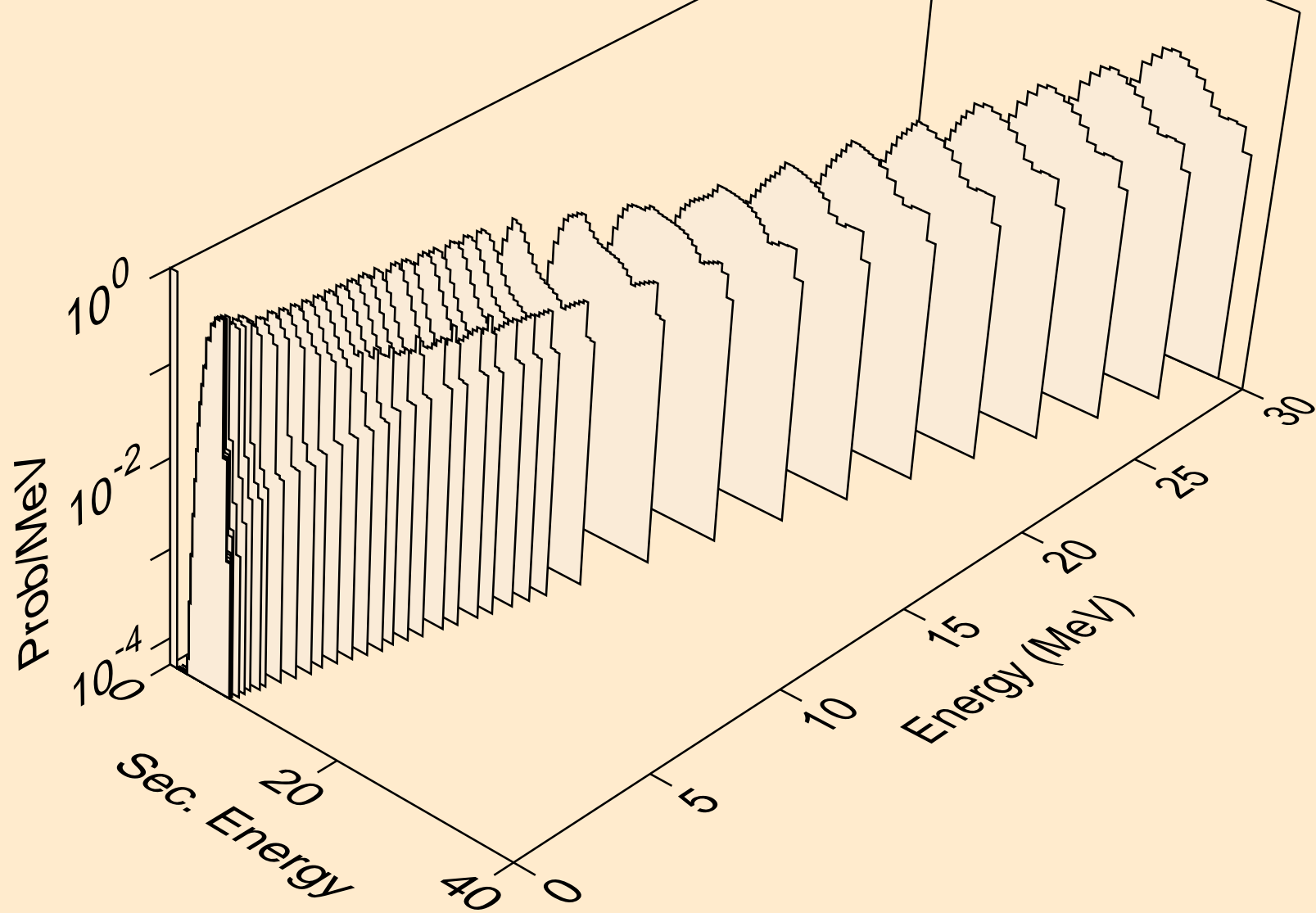
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



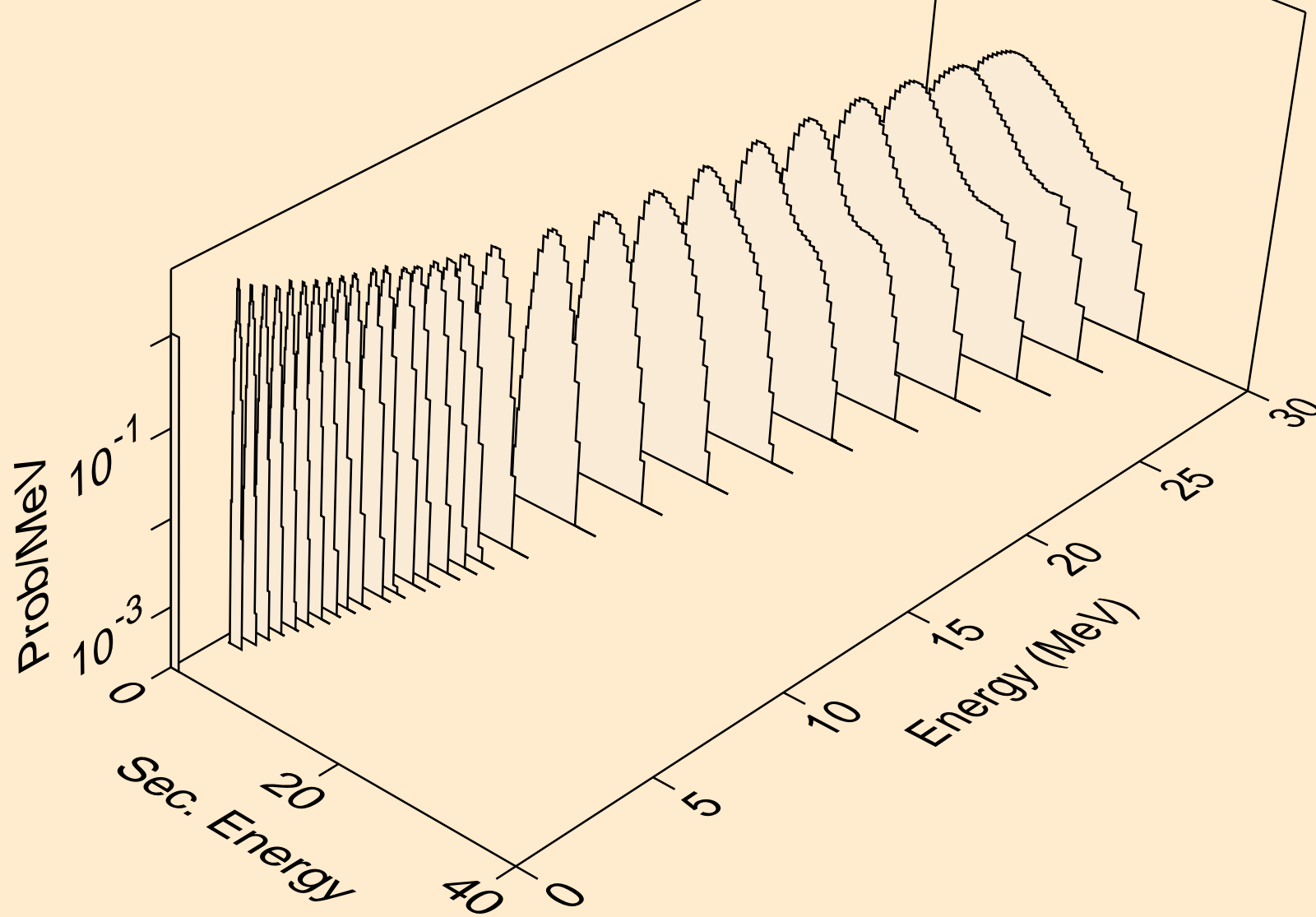
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

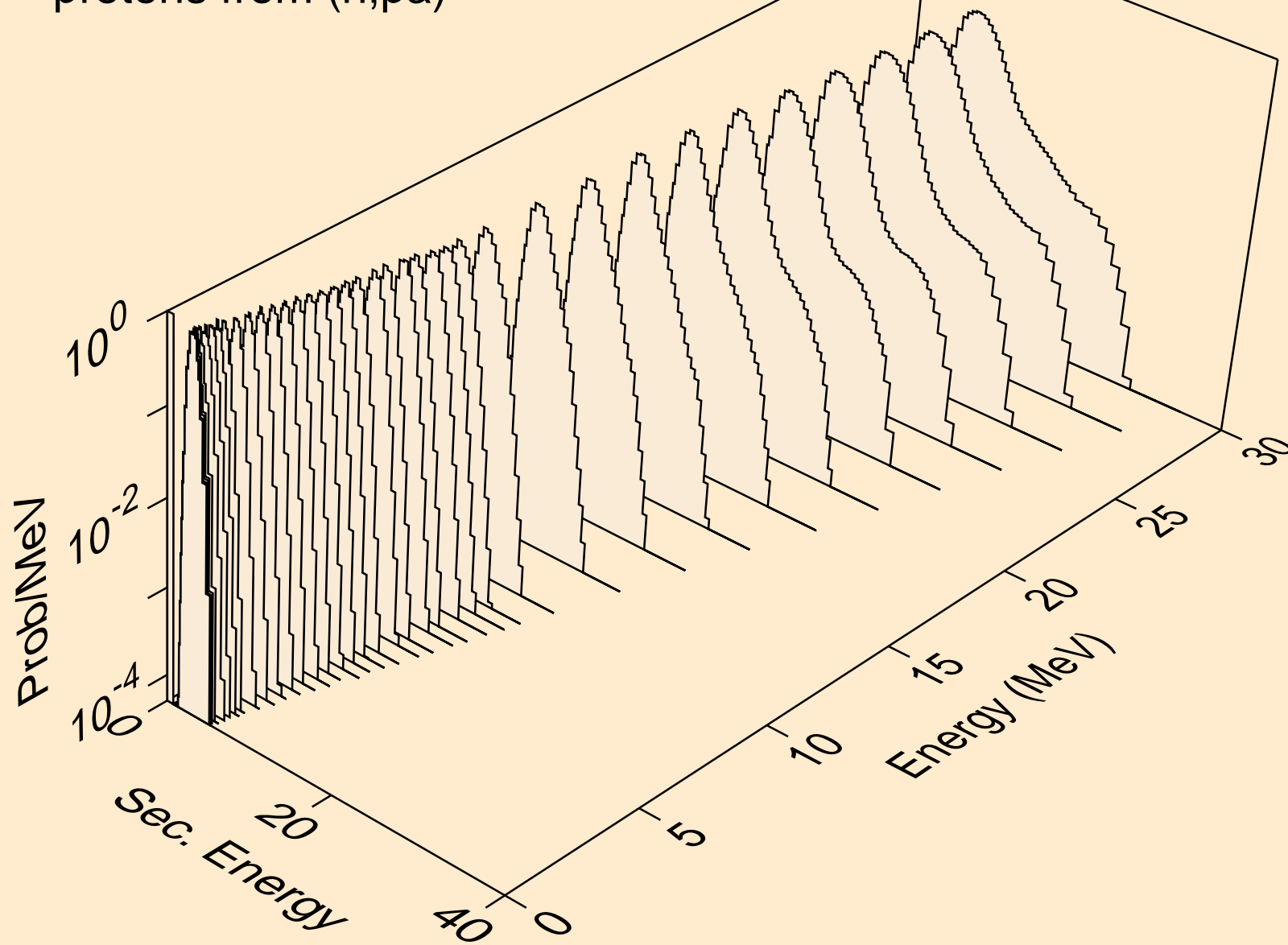


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)

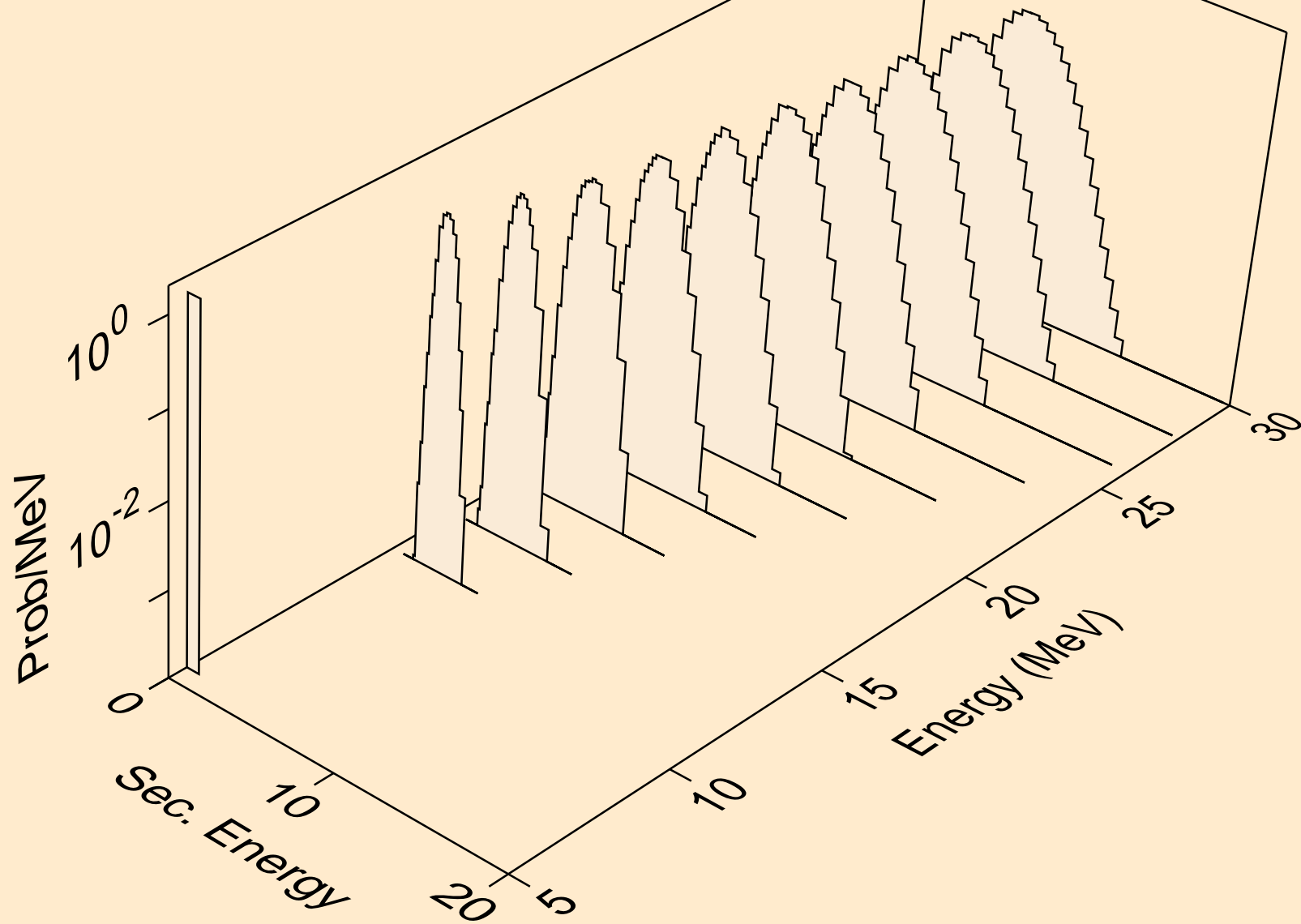




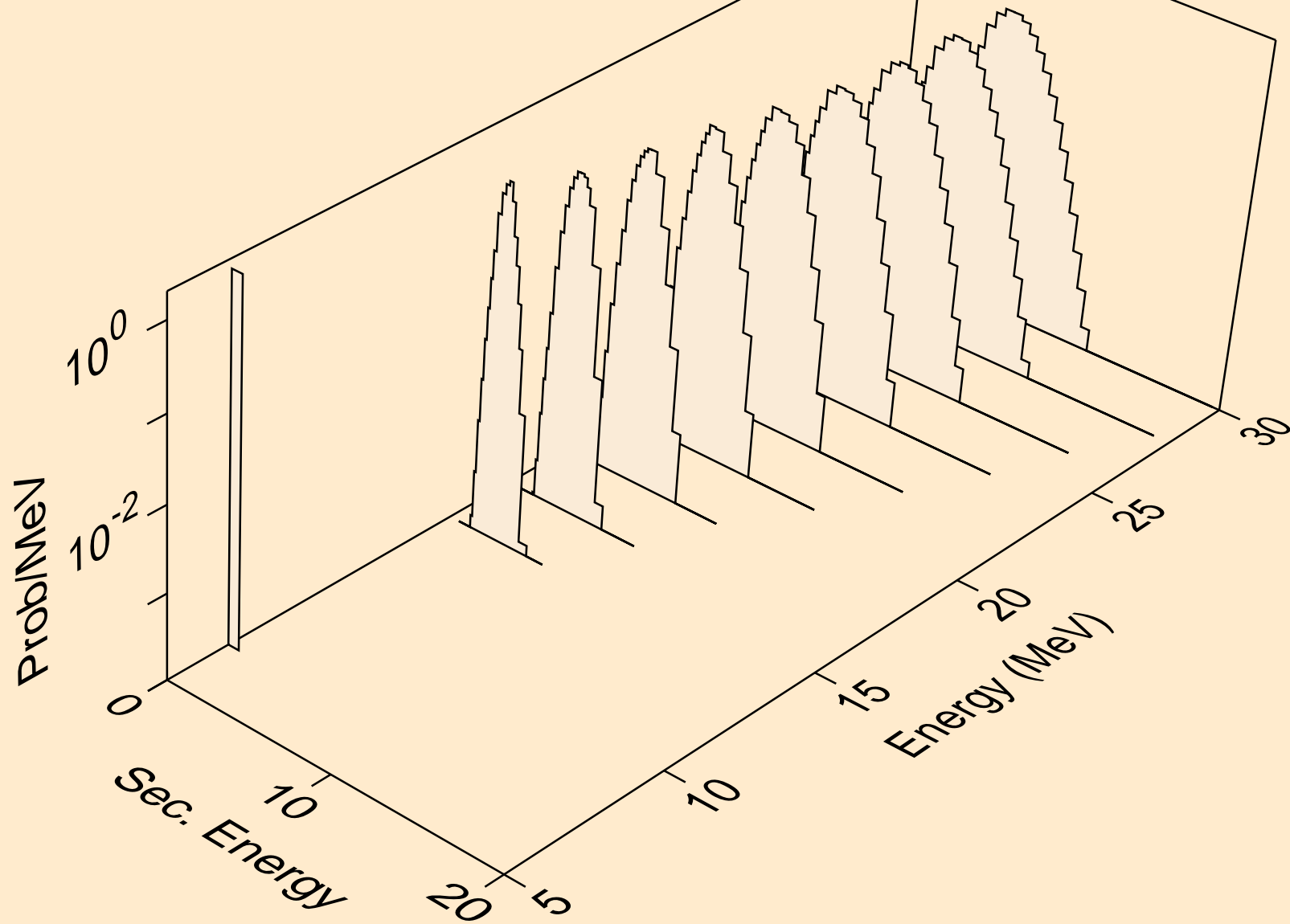
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protons from (n,p)



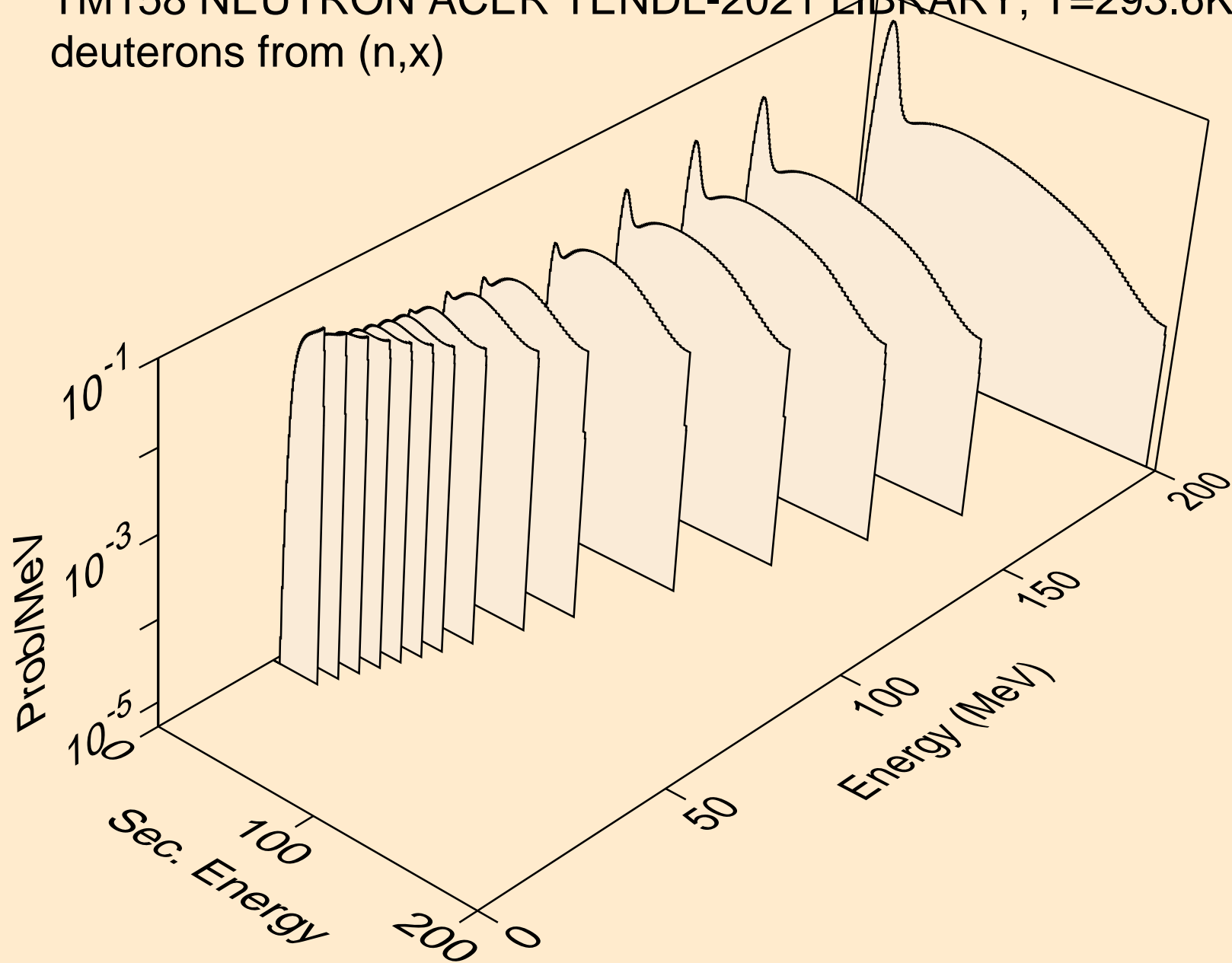
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protons from (n,pd)



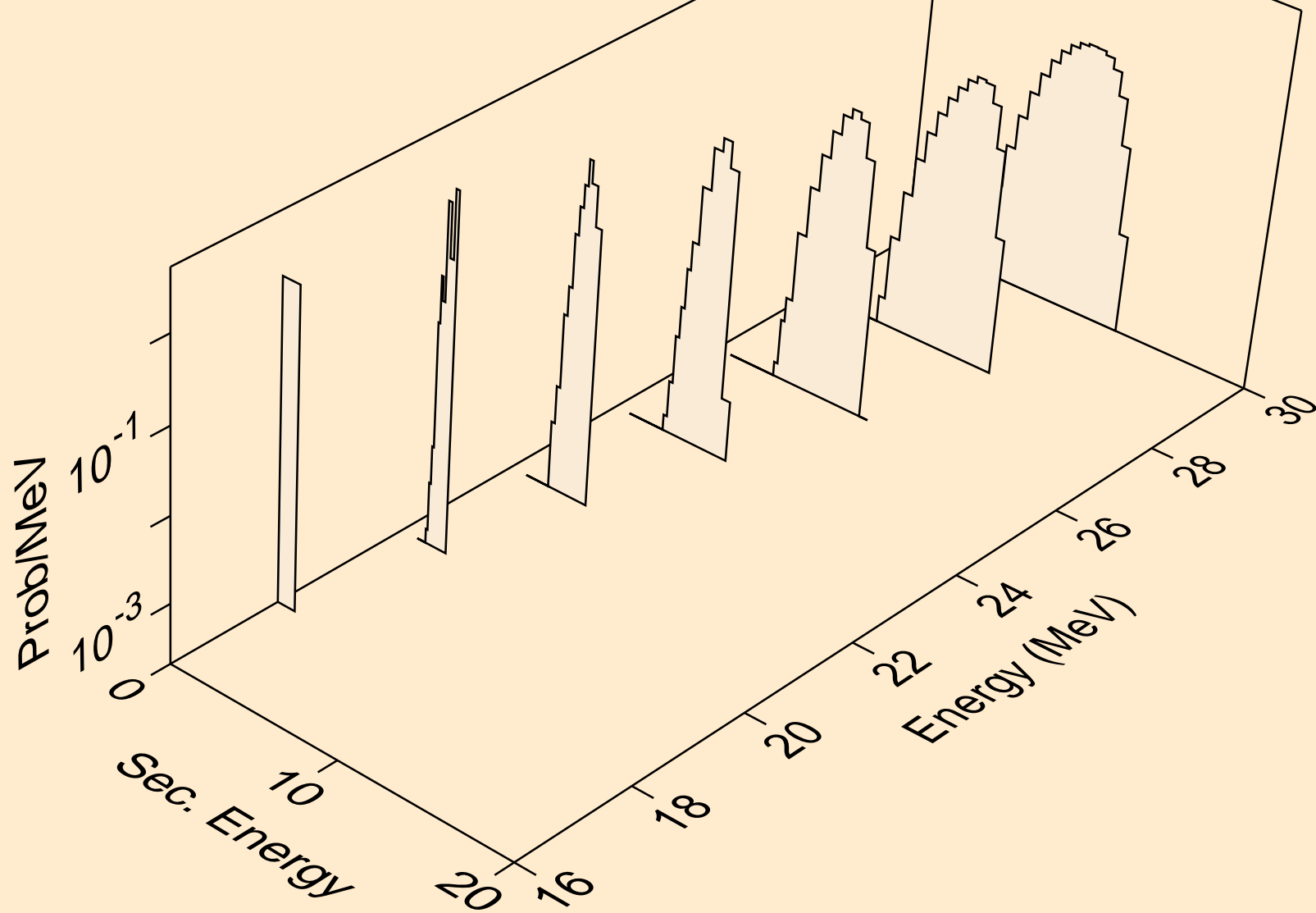
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



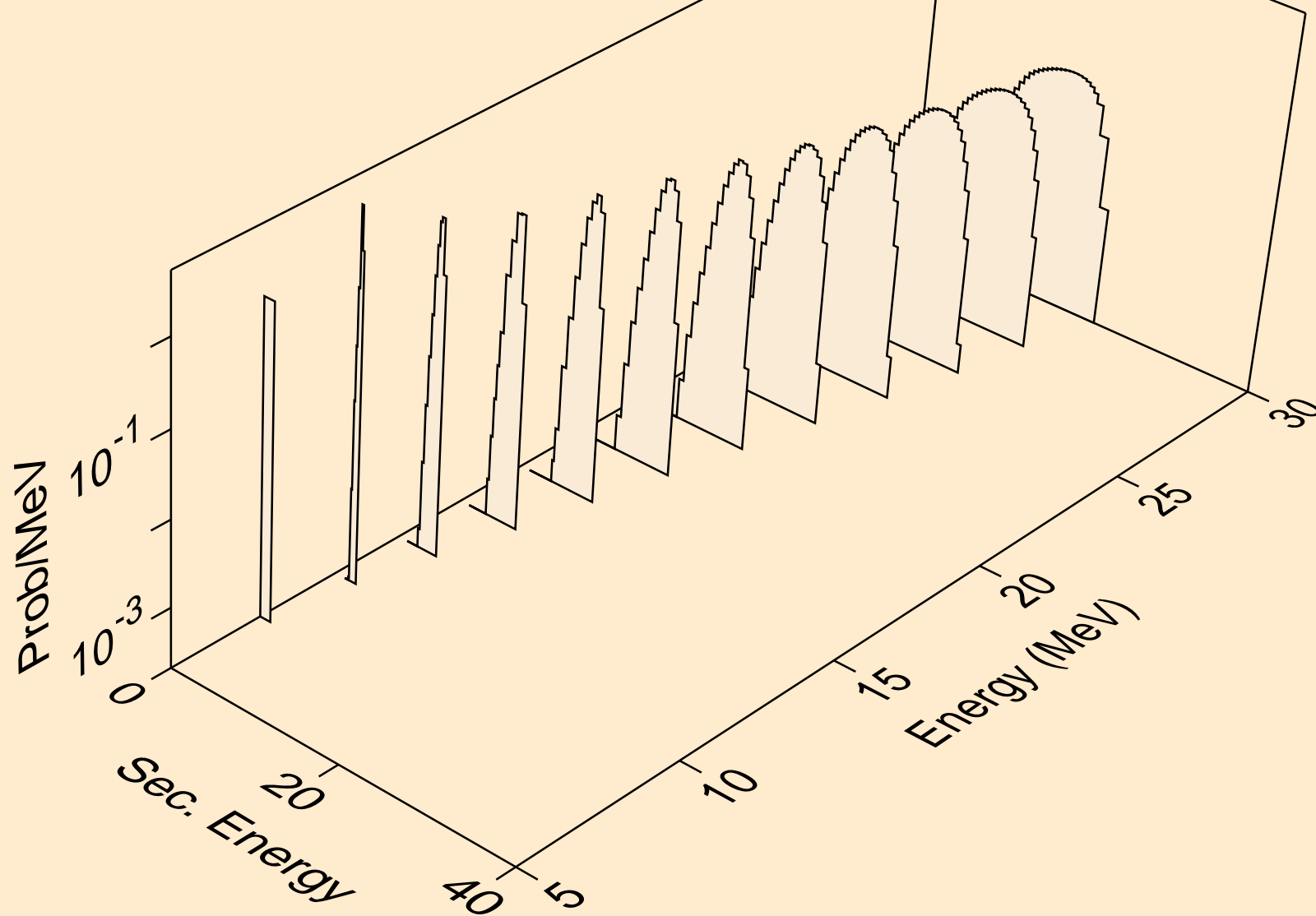
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



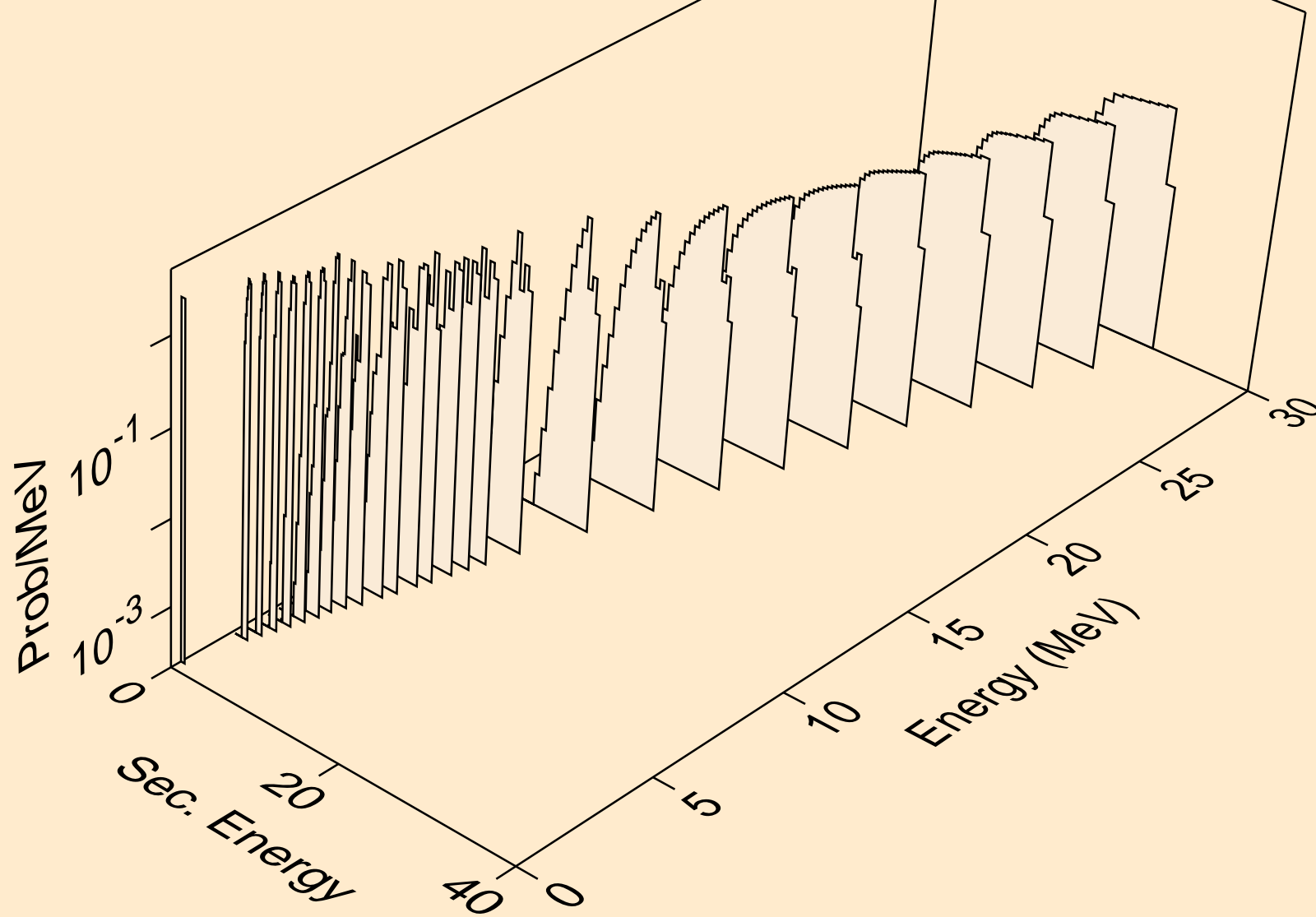
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deuterons from (n,2nd)



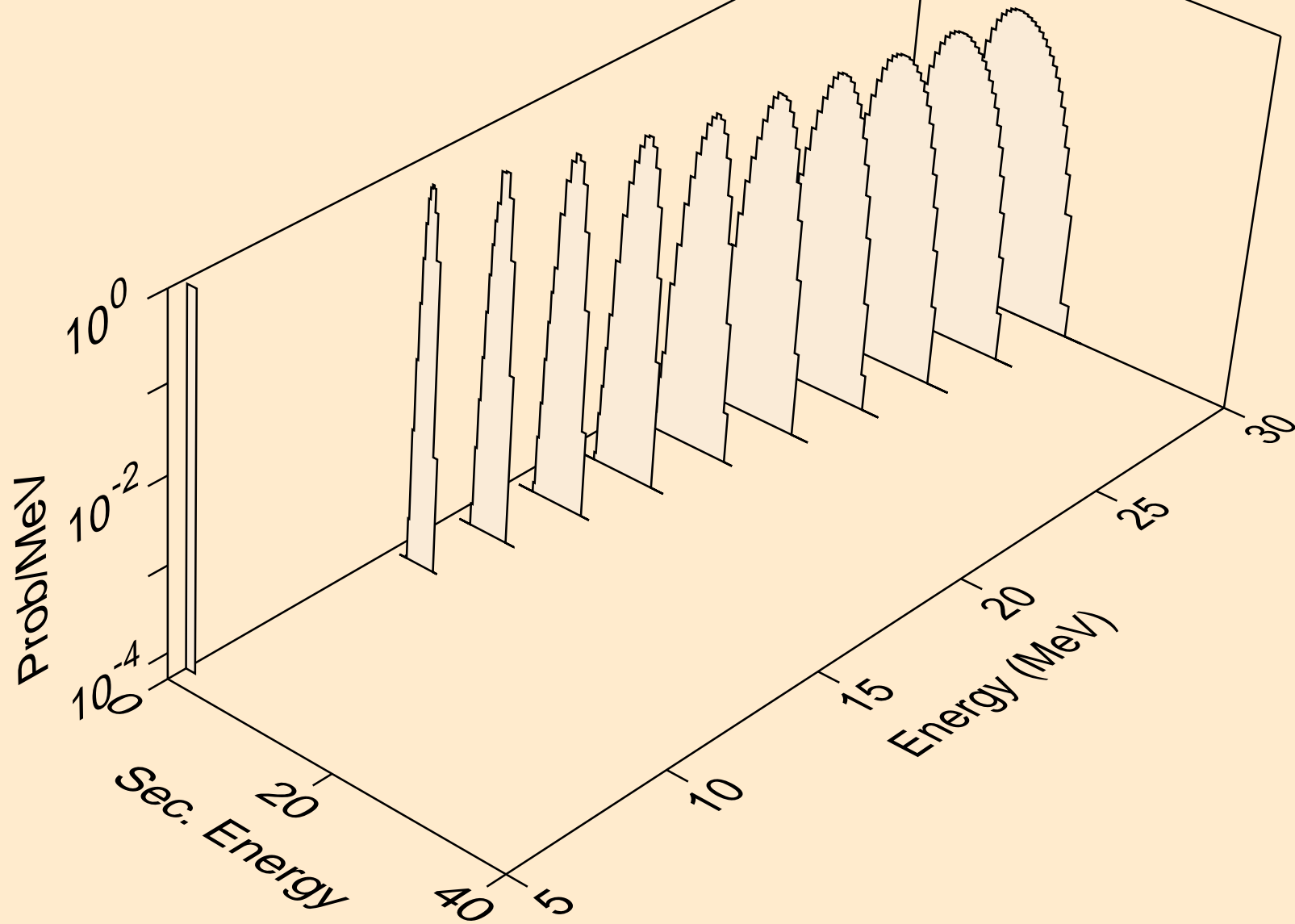
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

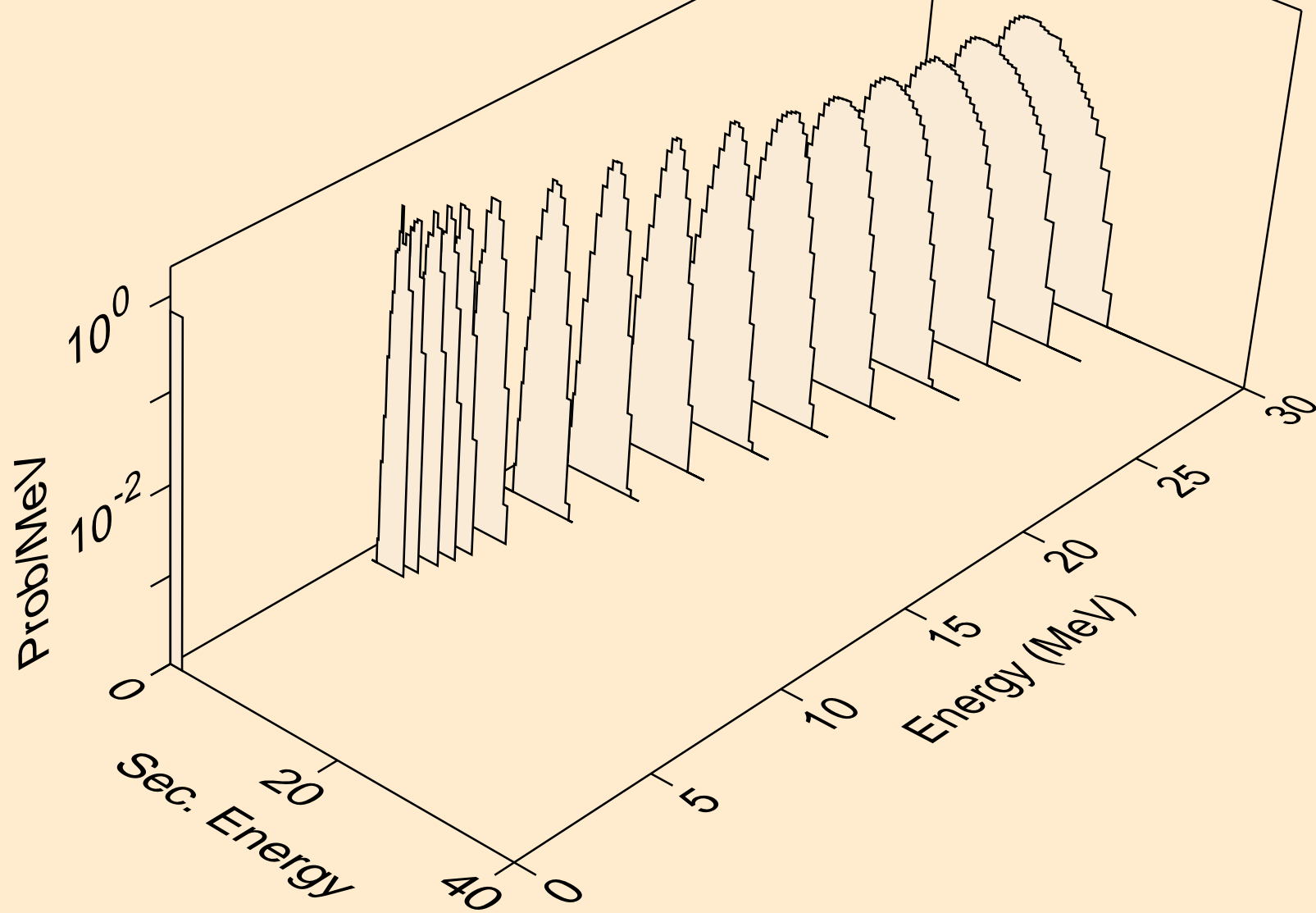


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)

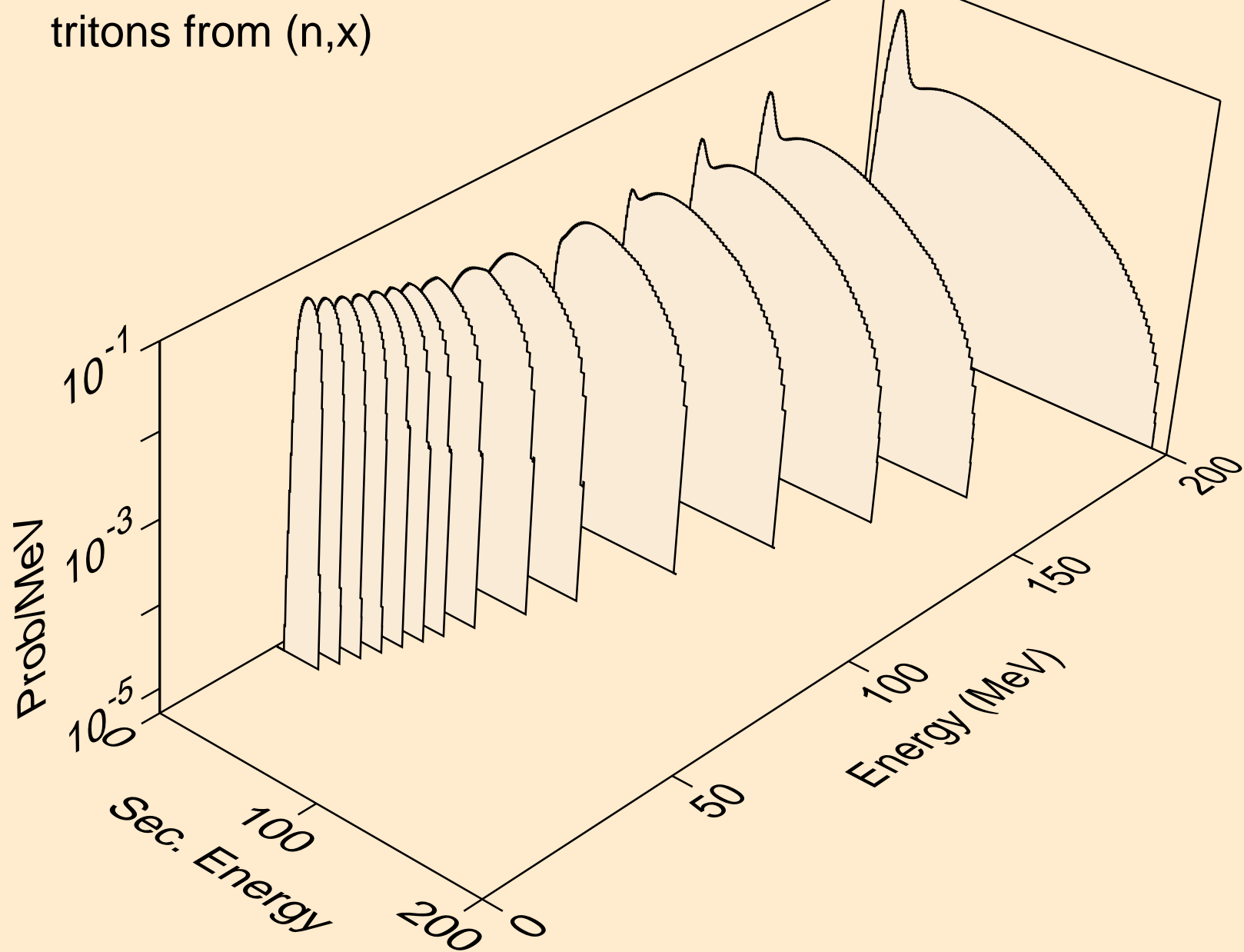




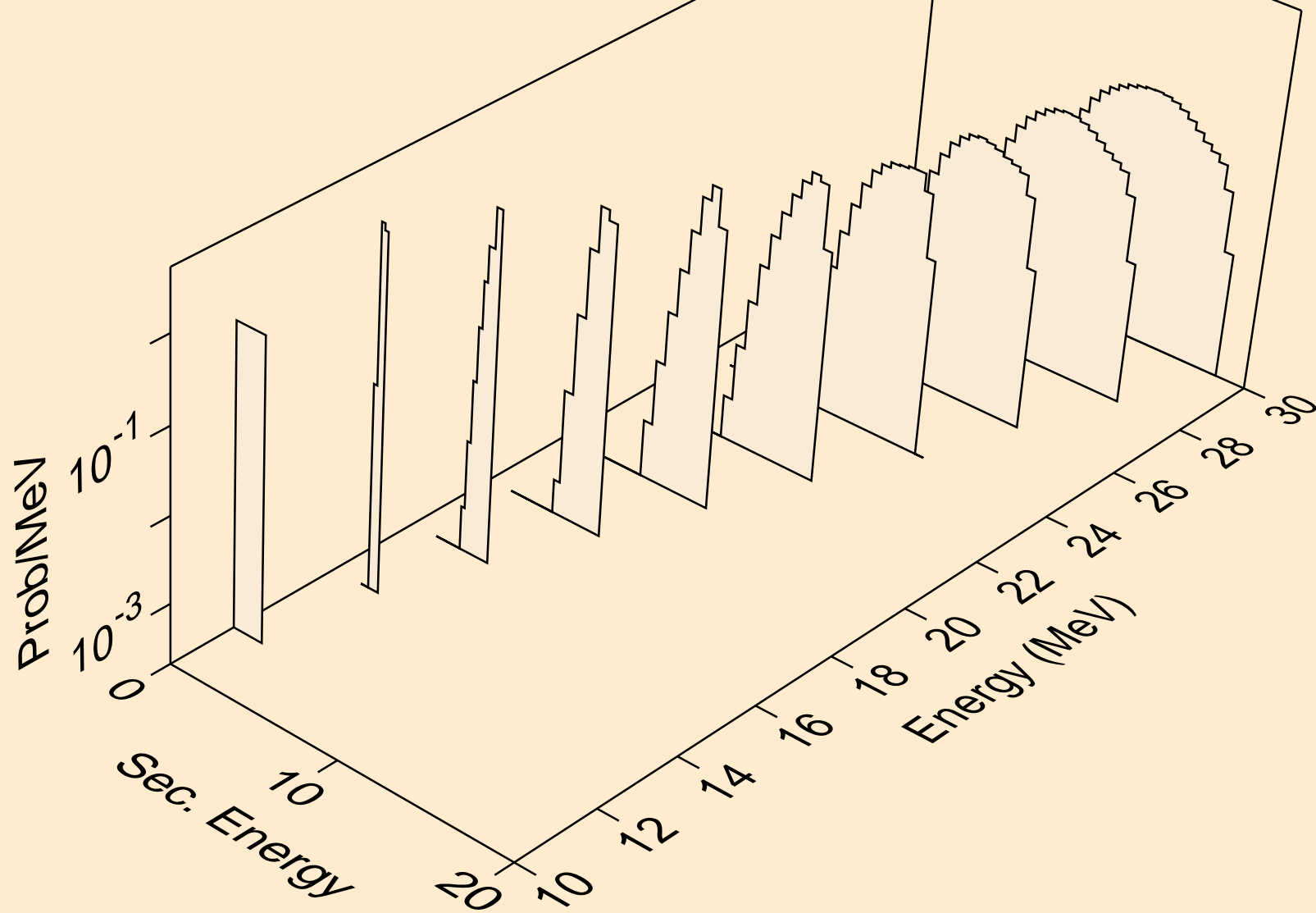
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)



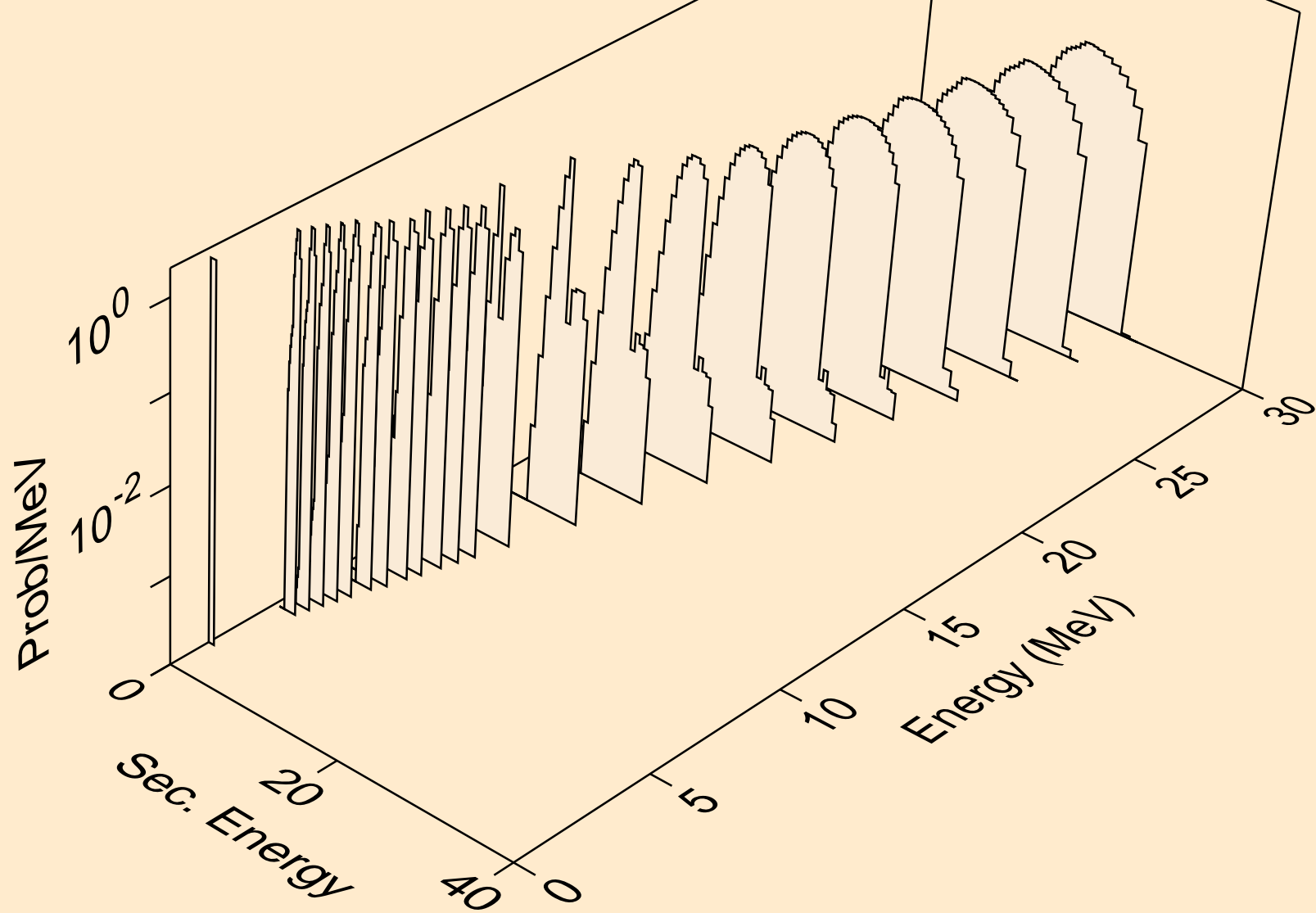
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



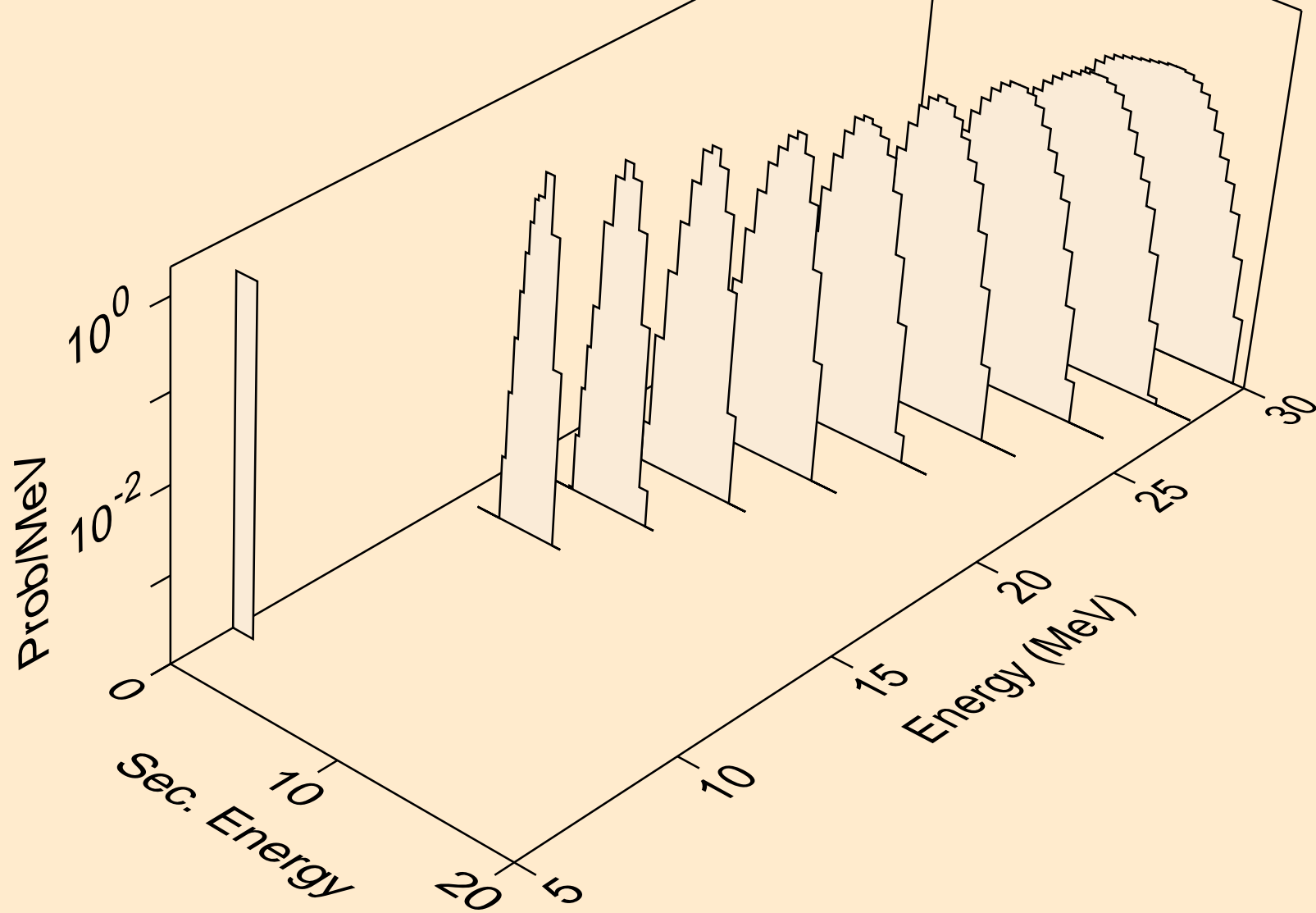
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



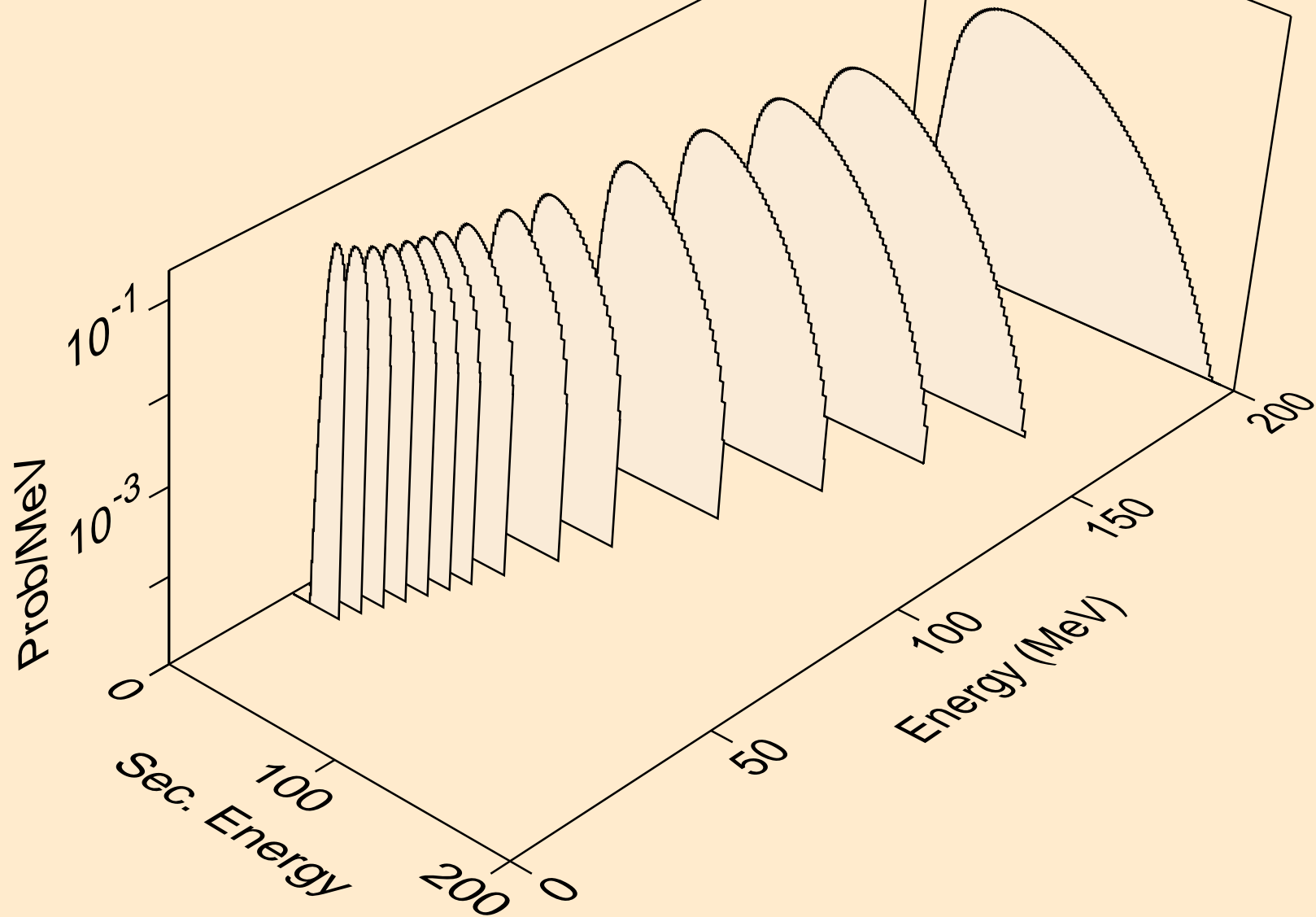
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



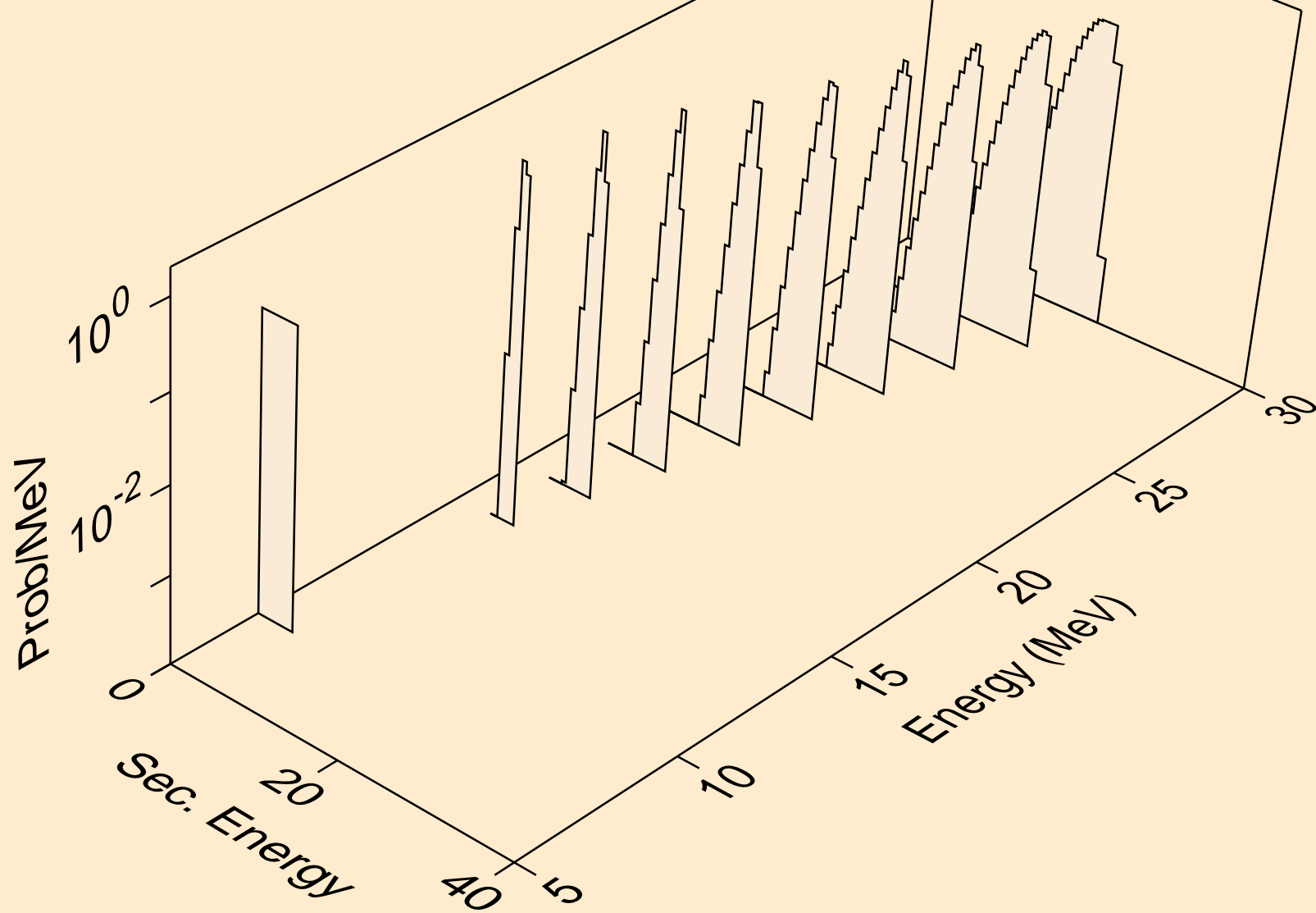
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tritons from (n,pt)



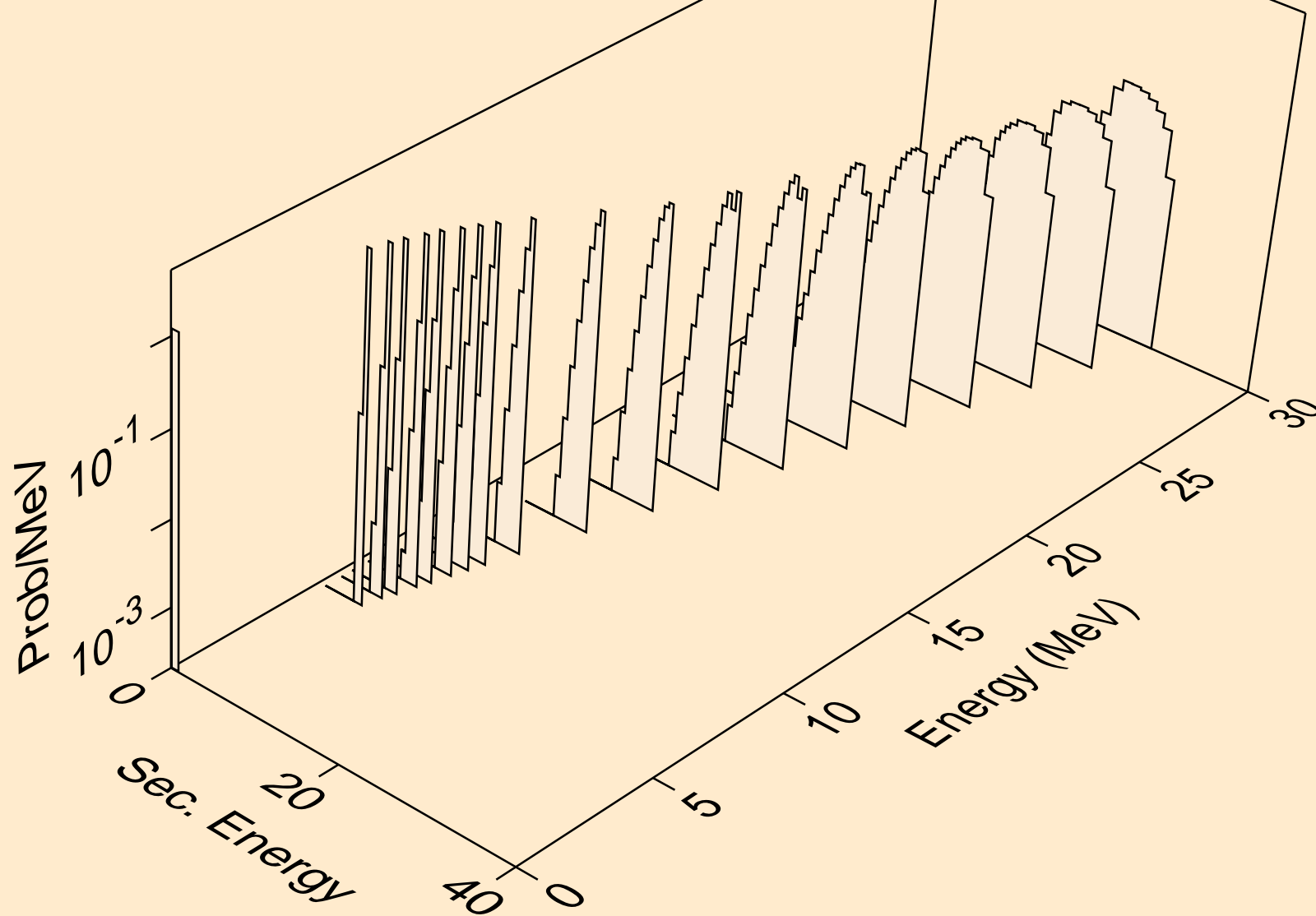
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

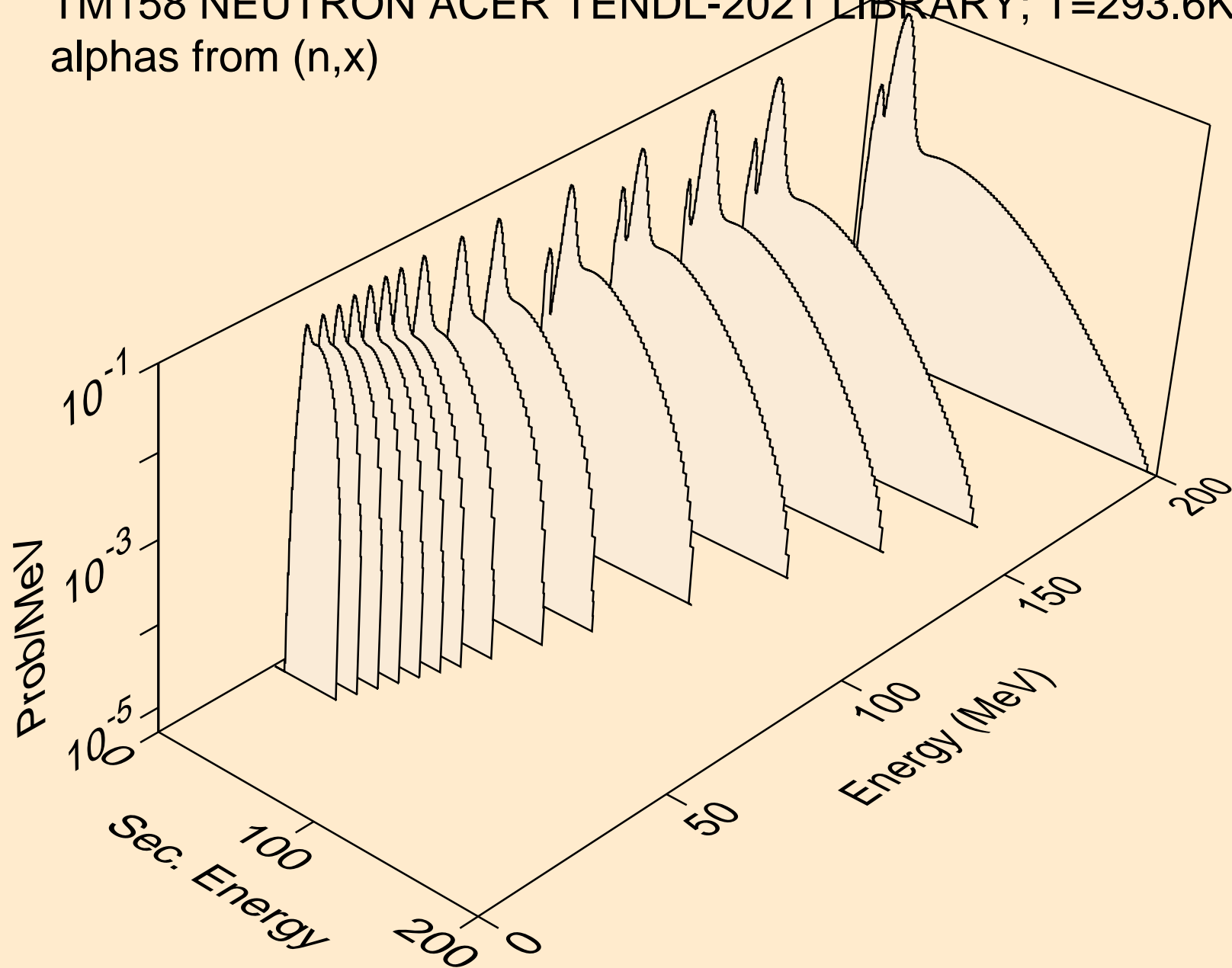


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)

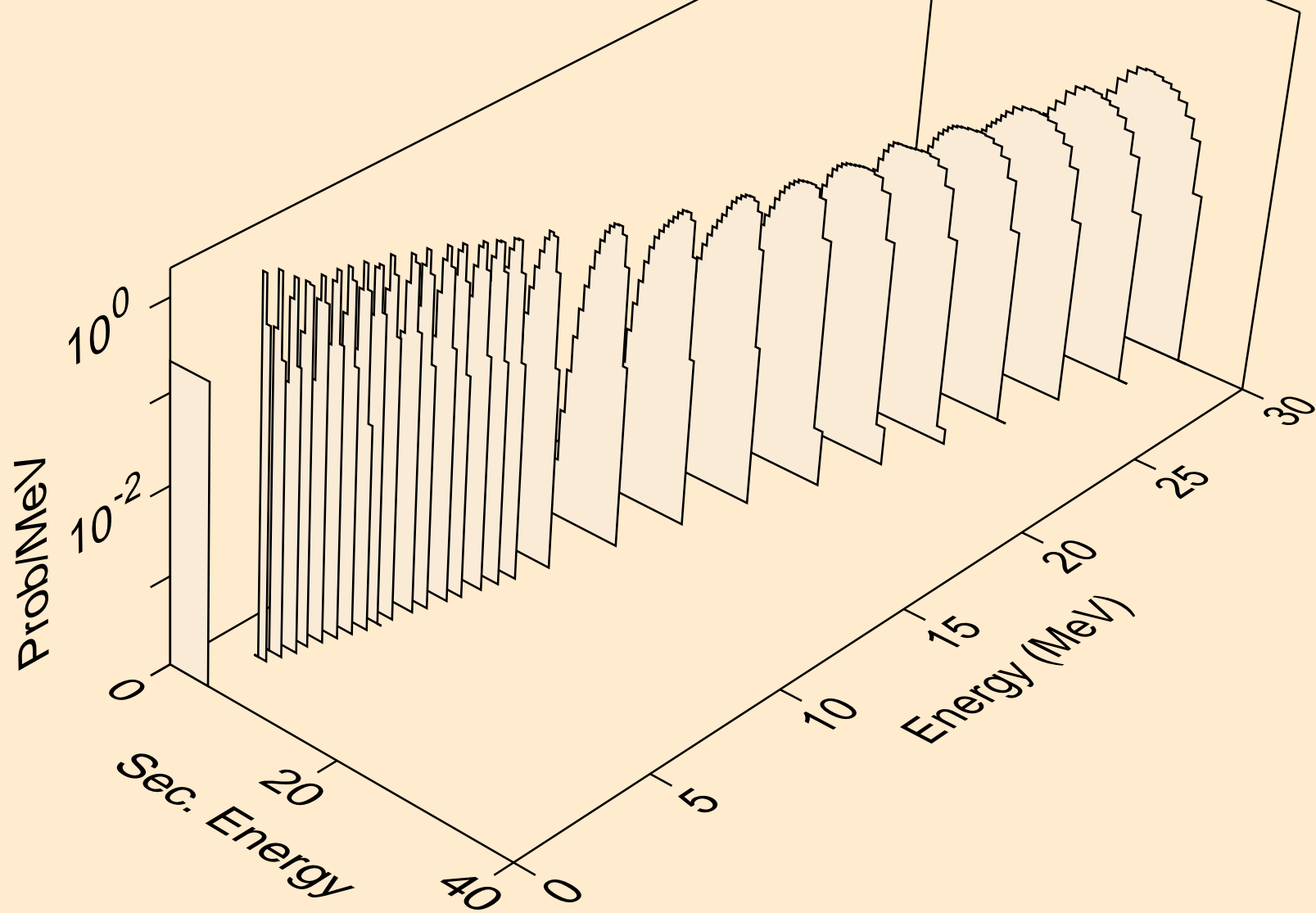




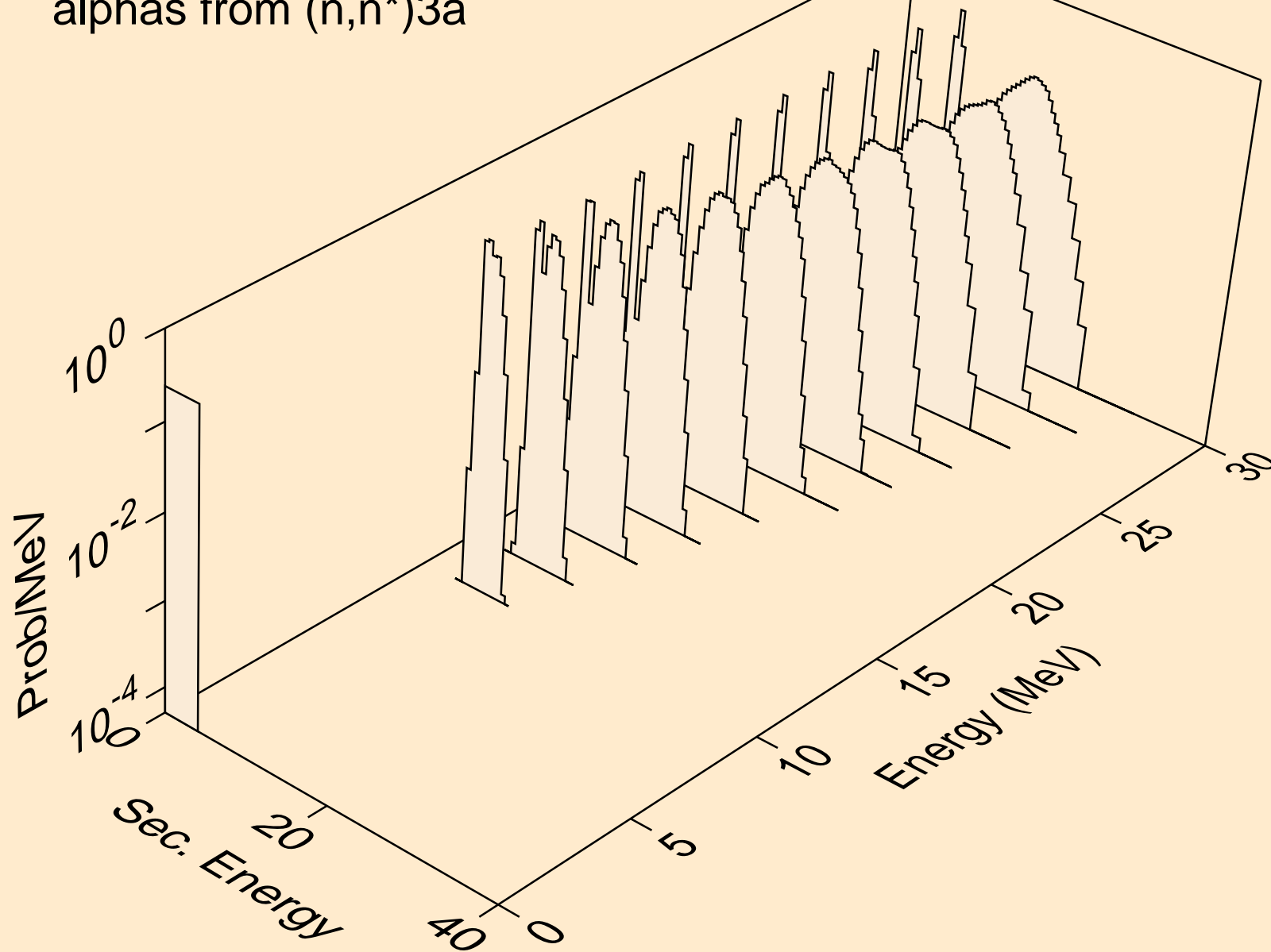
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



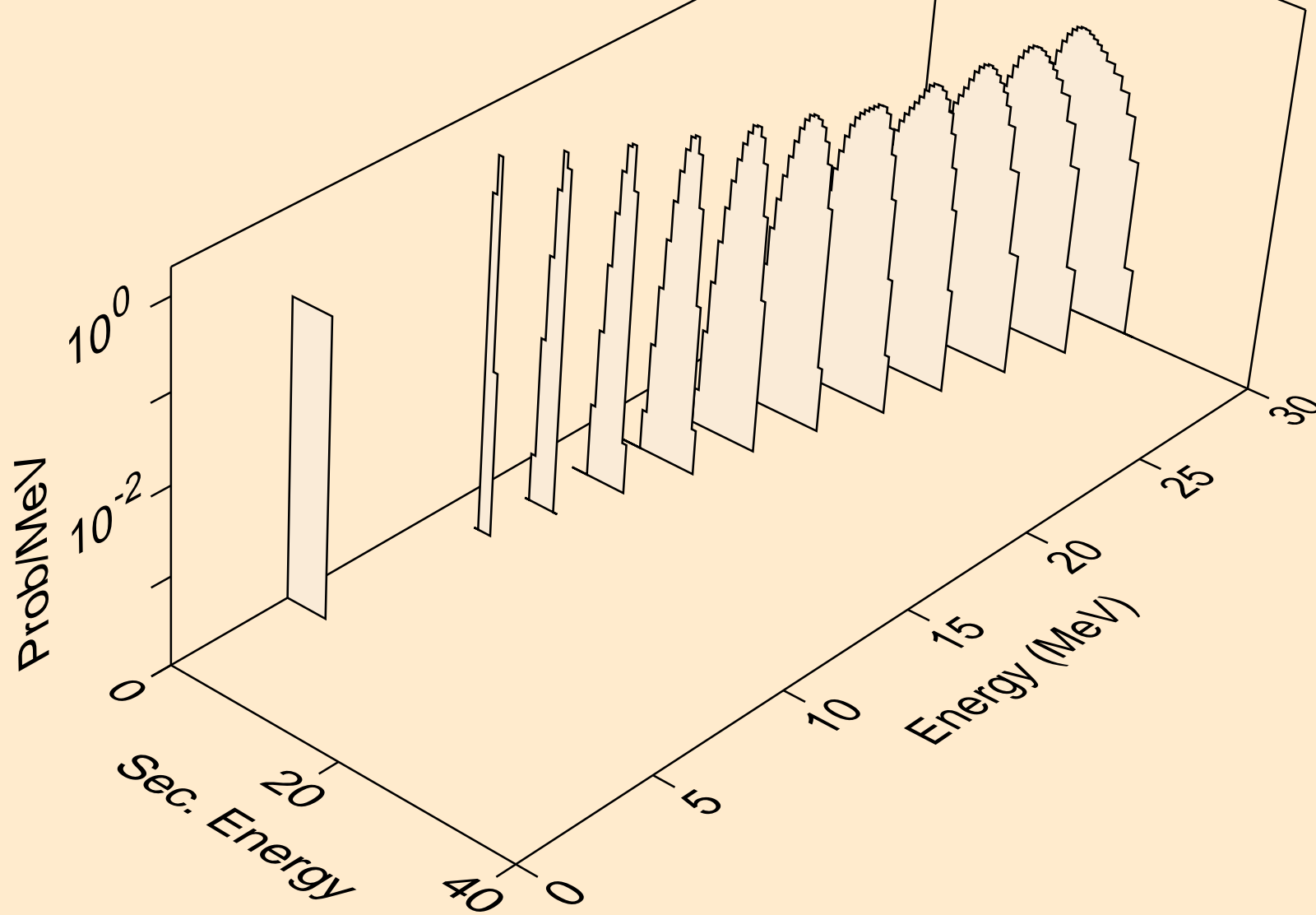
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



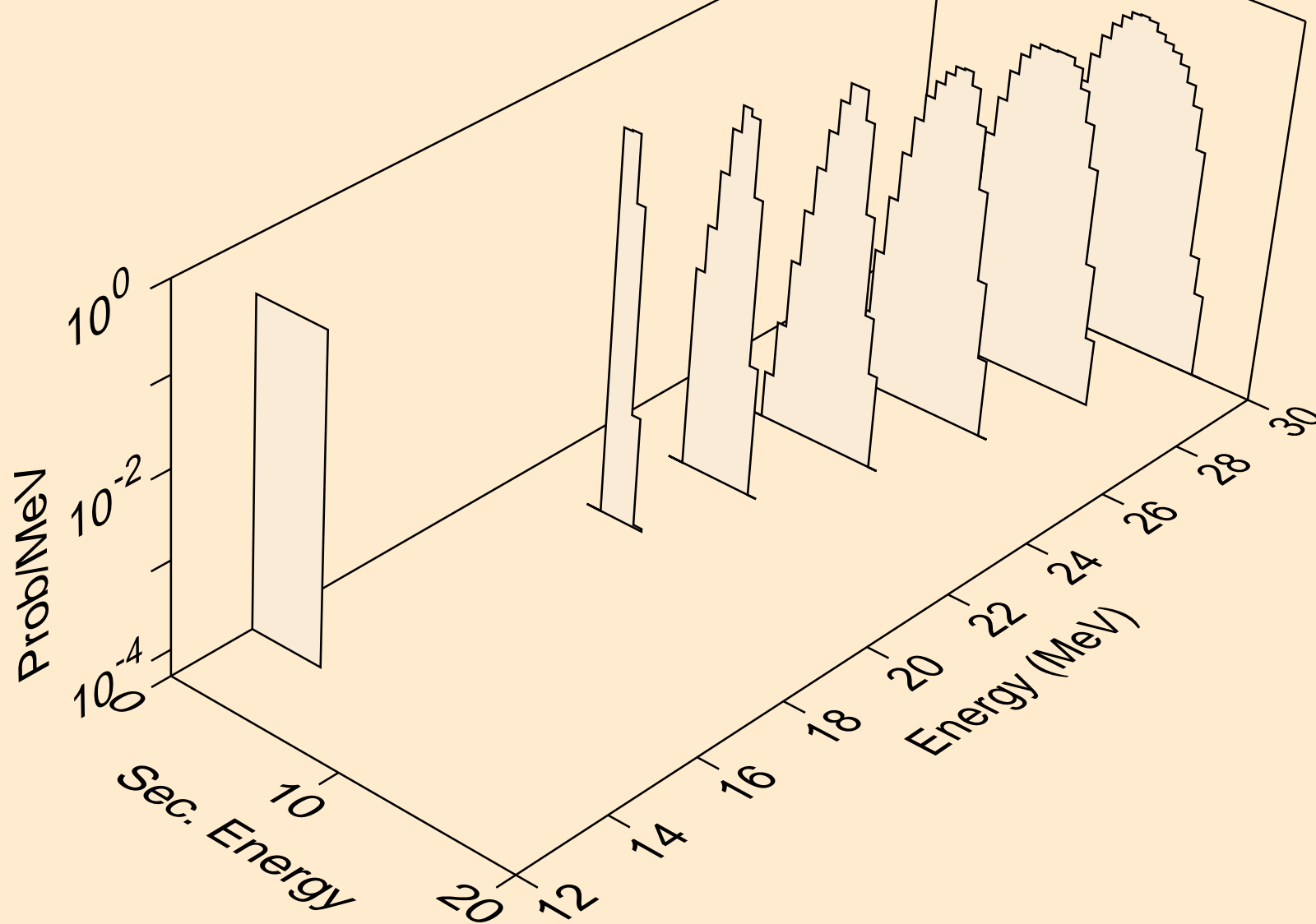
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)3a



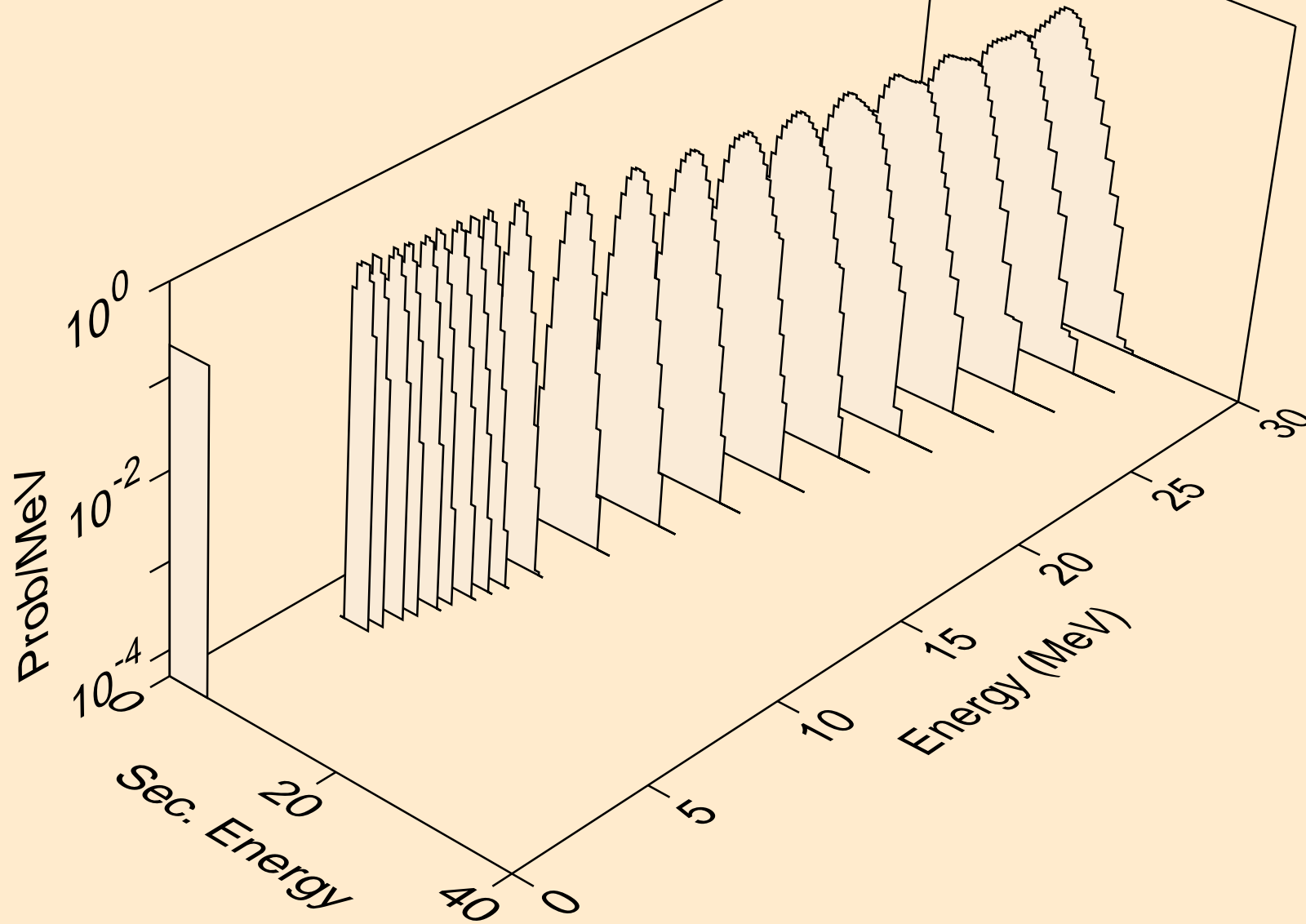
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



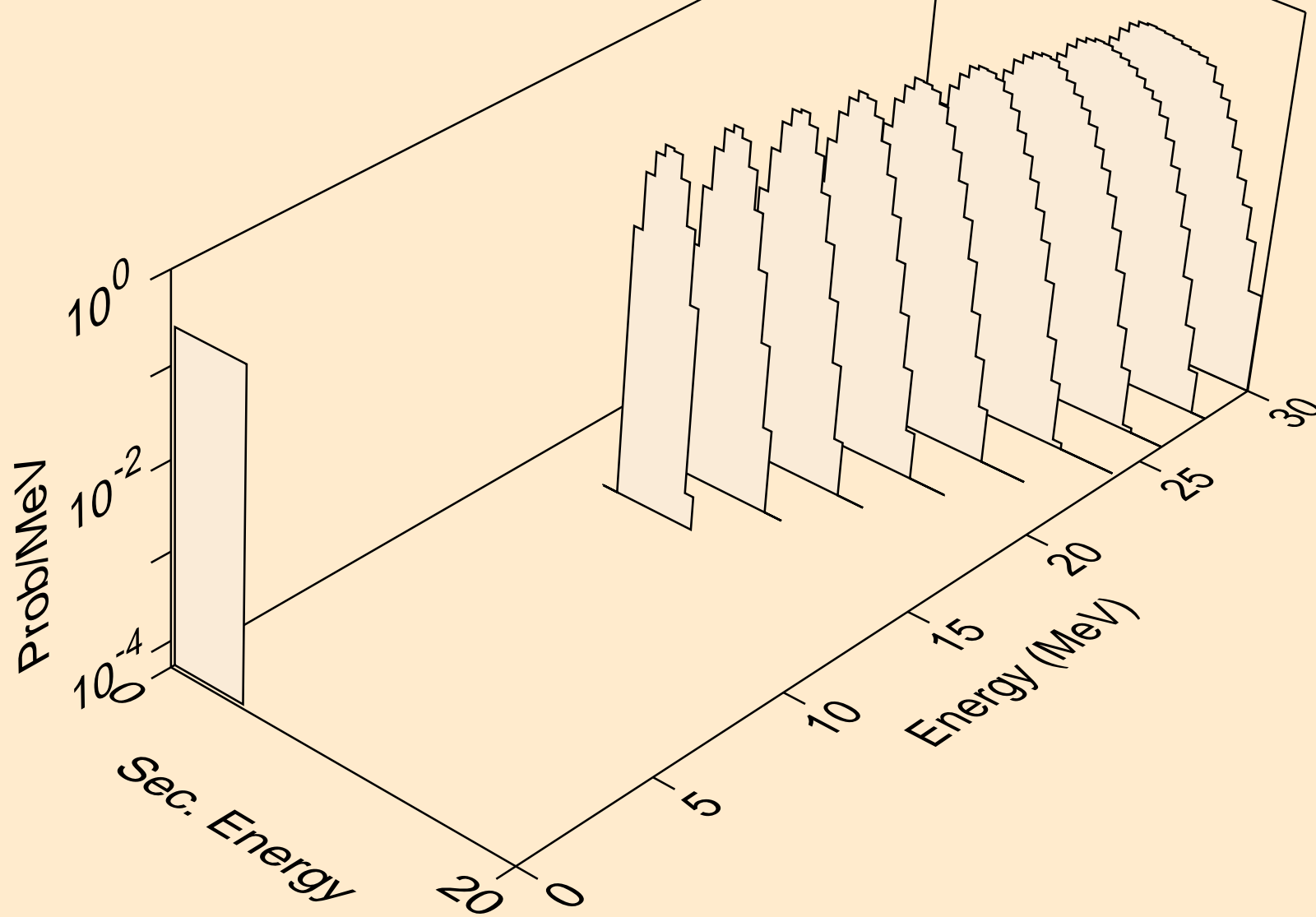
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



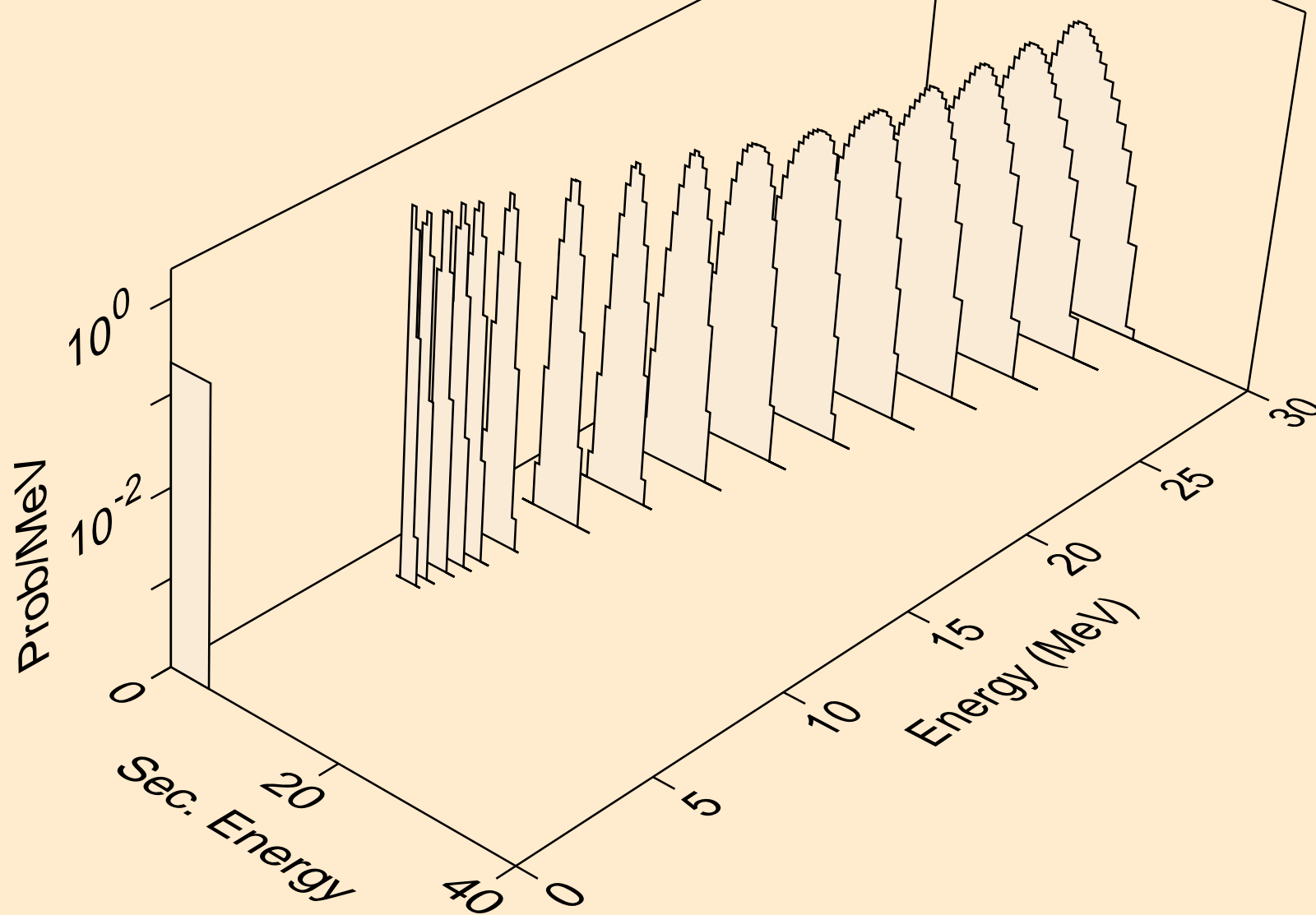
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a

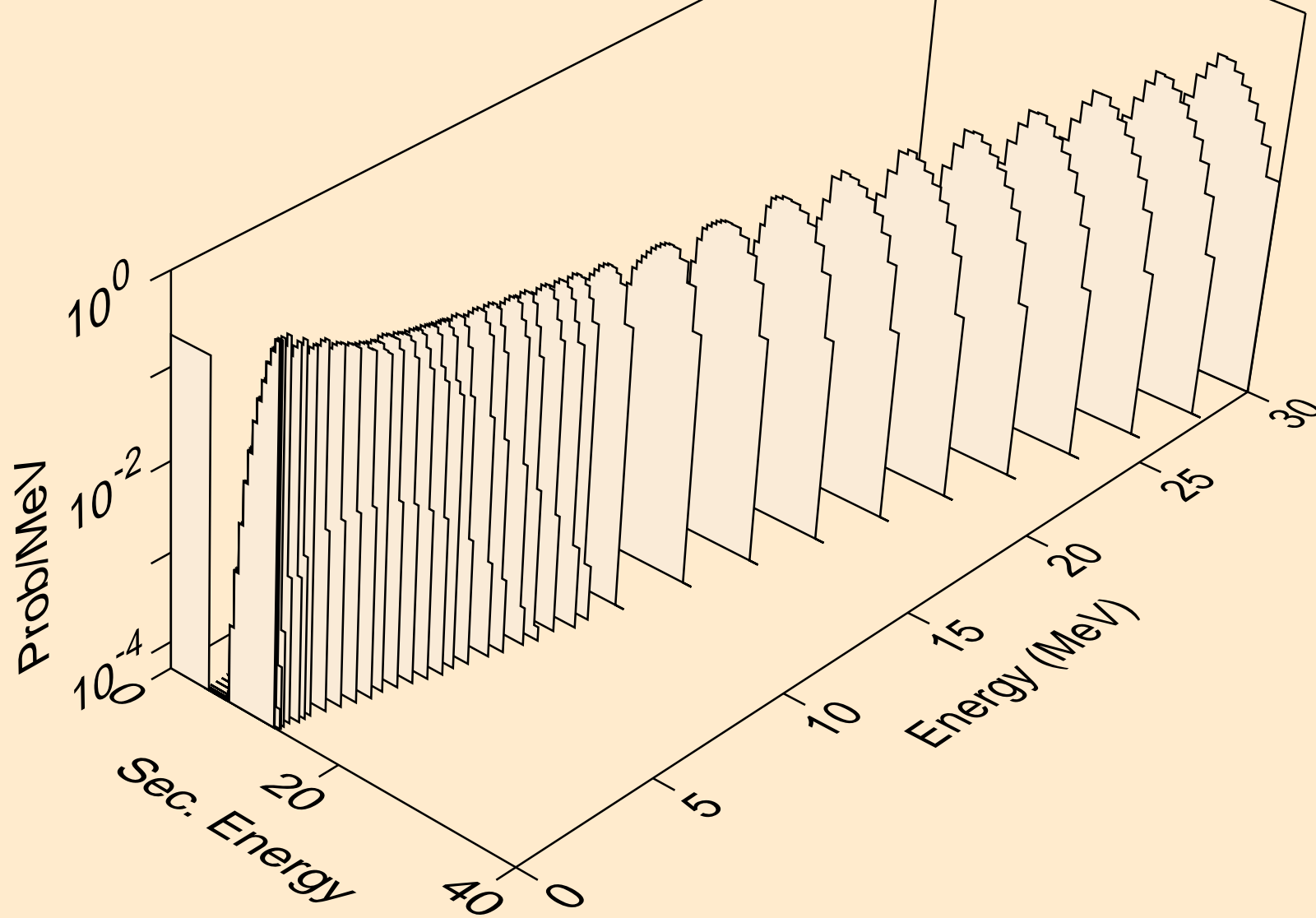


TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

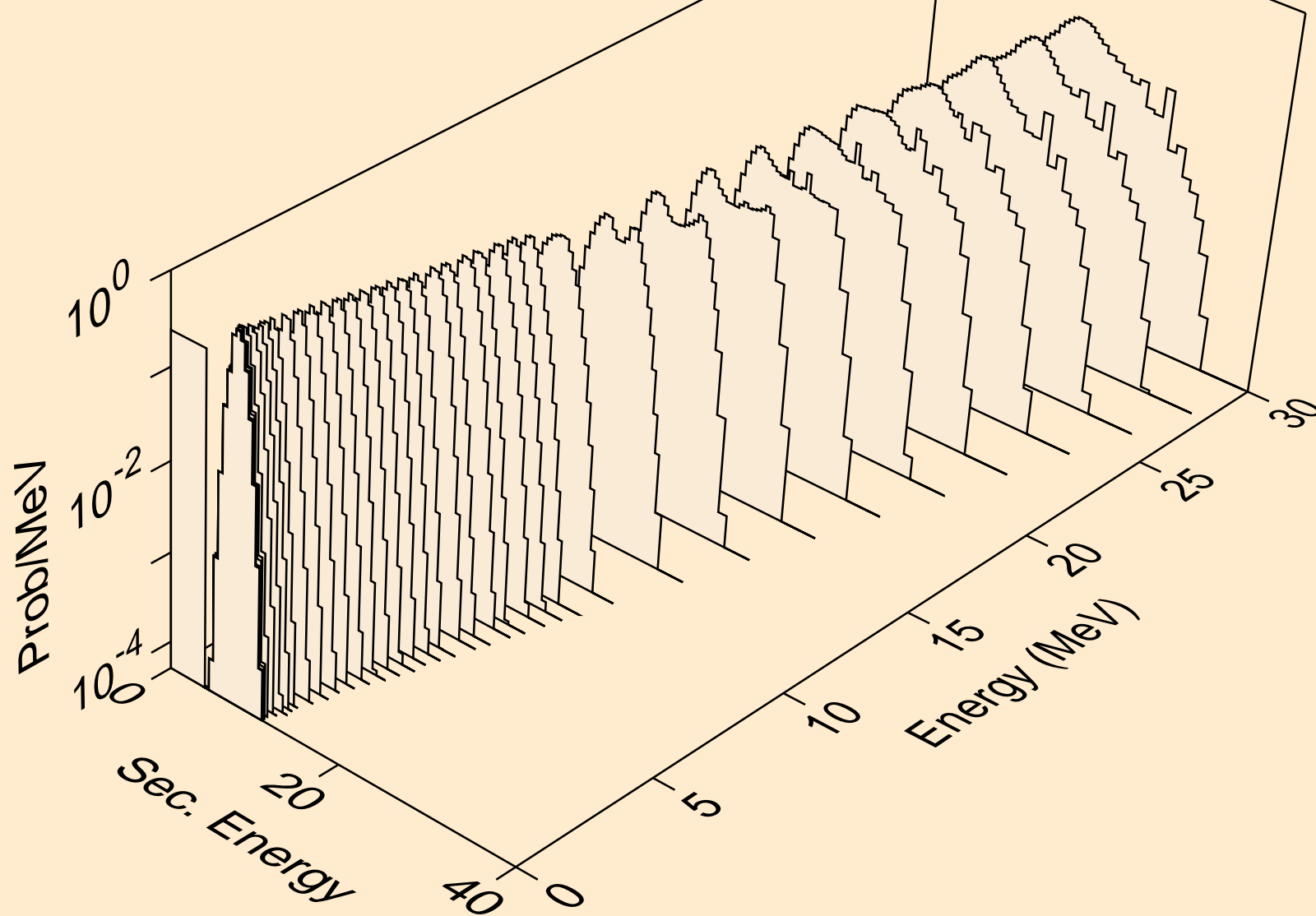




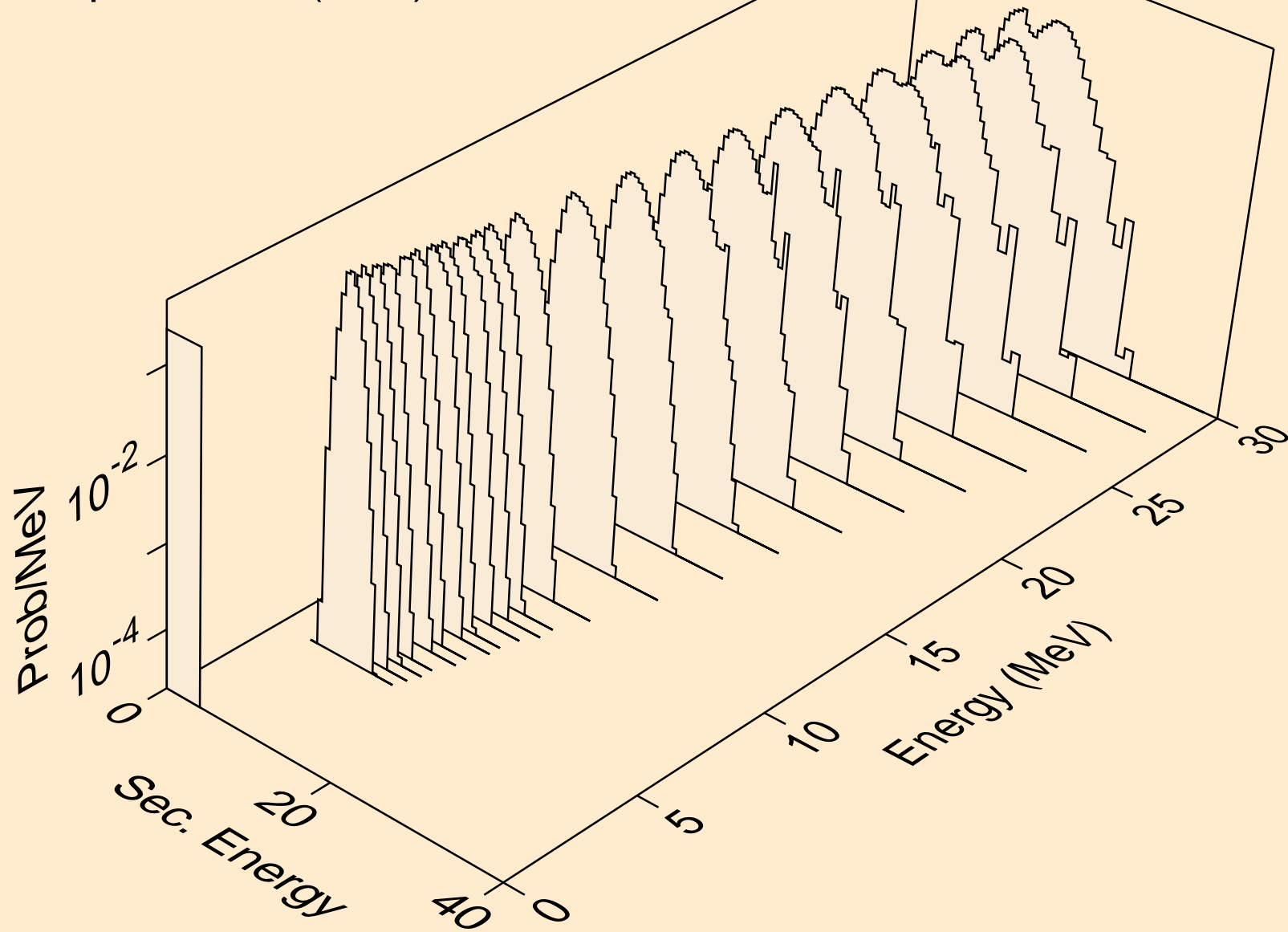
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



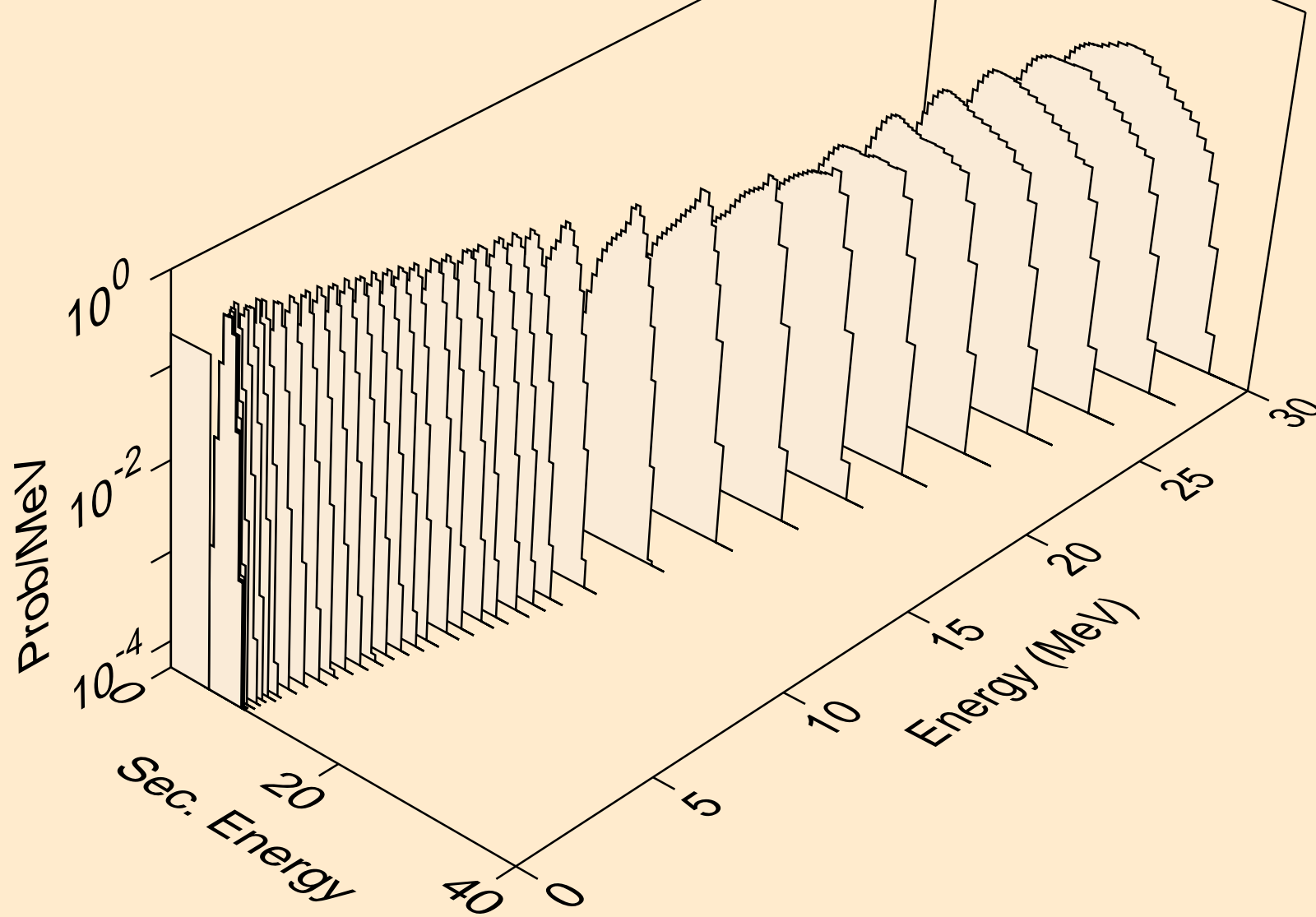
TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3a)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,p)



TM158 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

