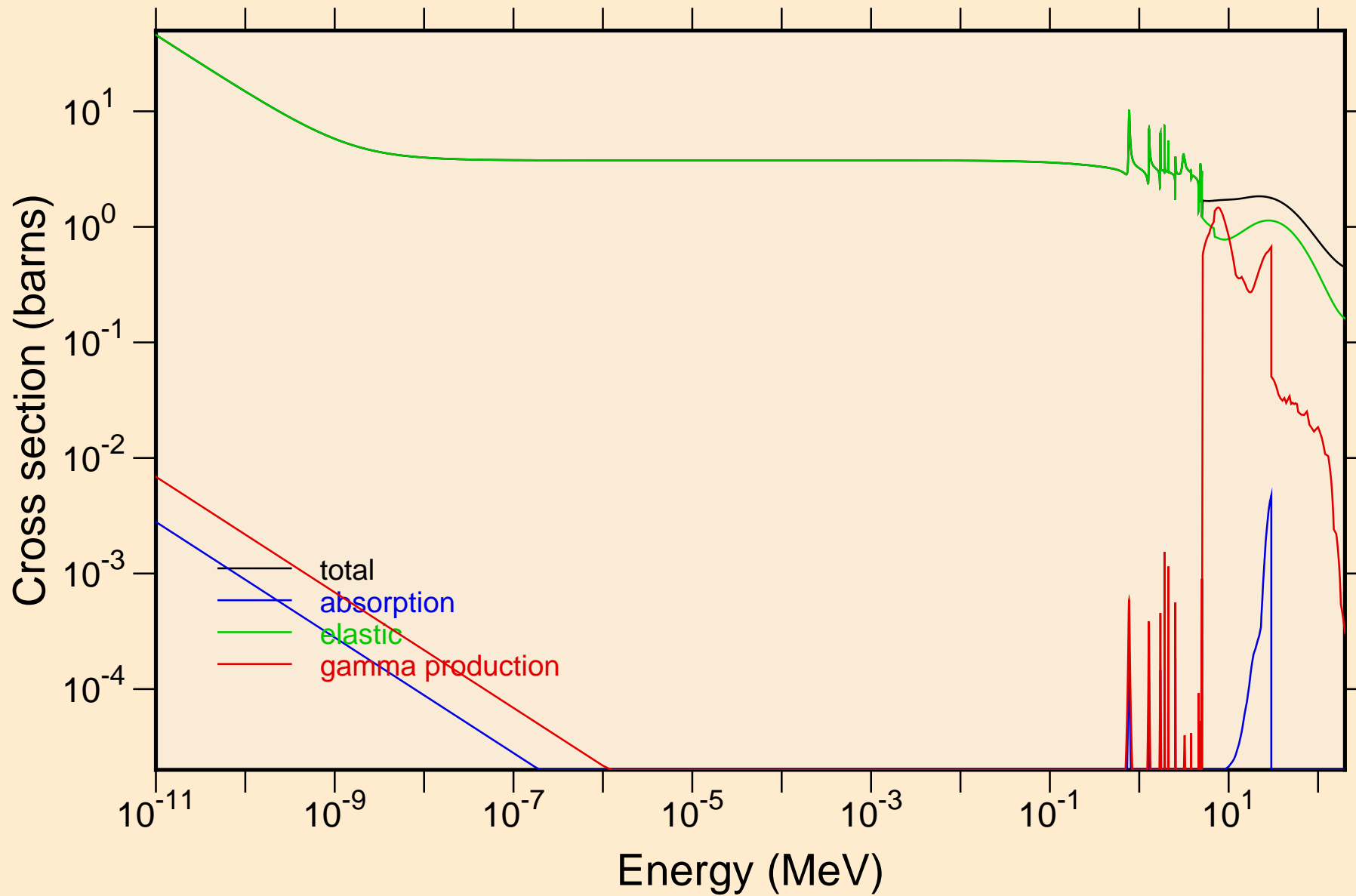
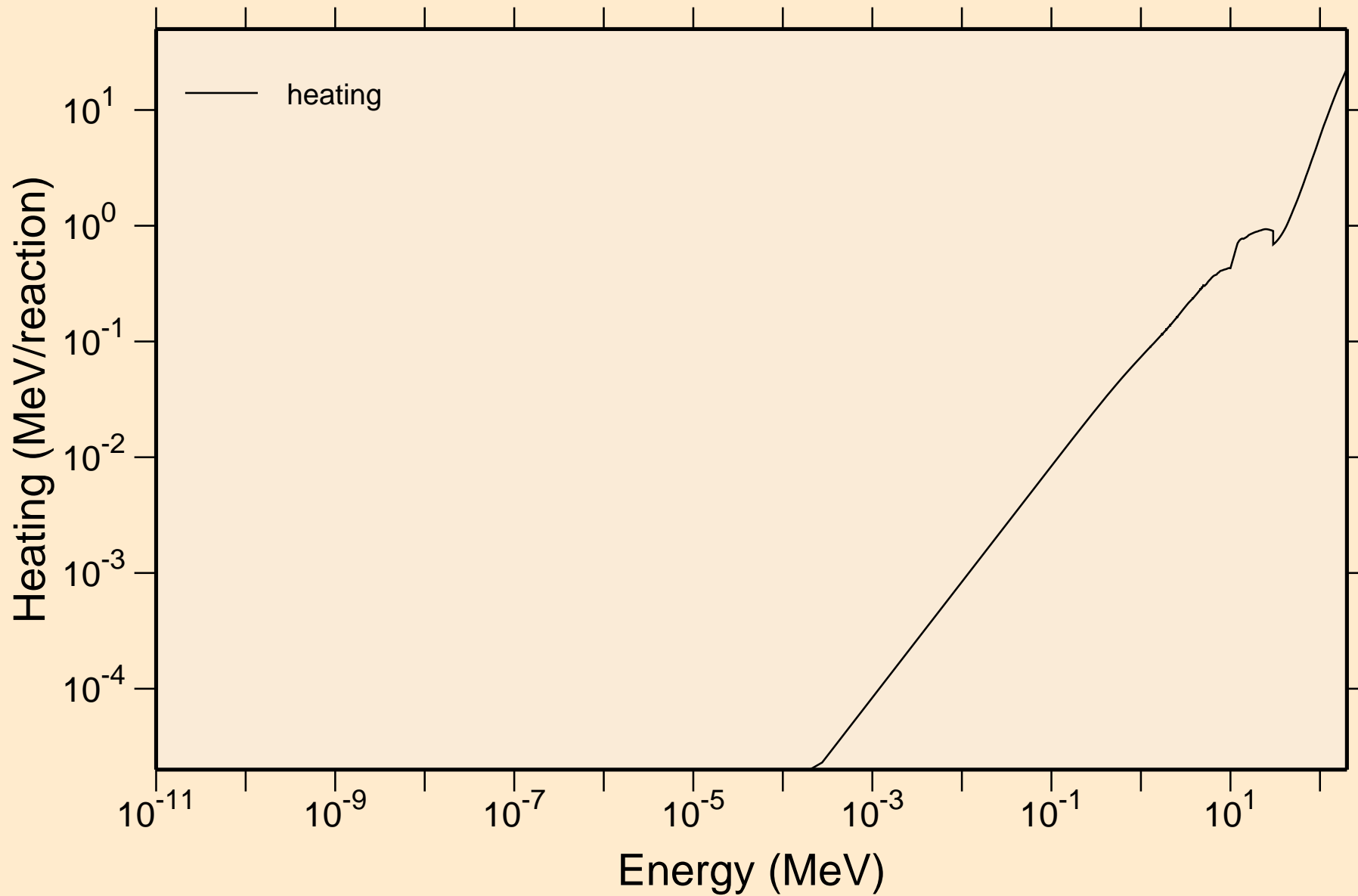


# O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

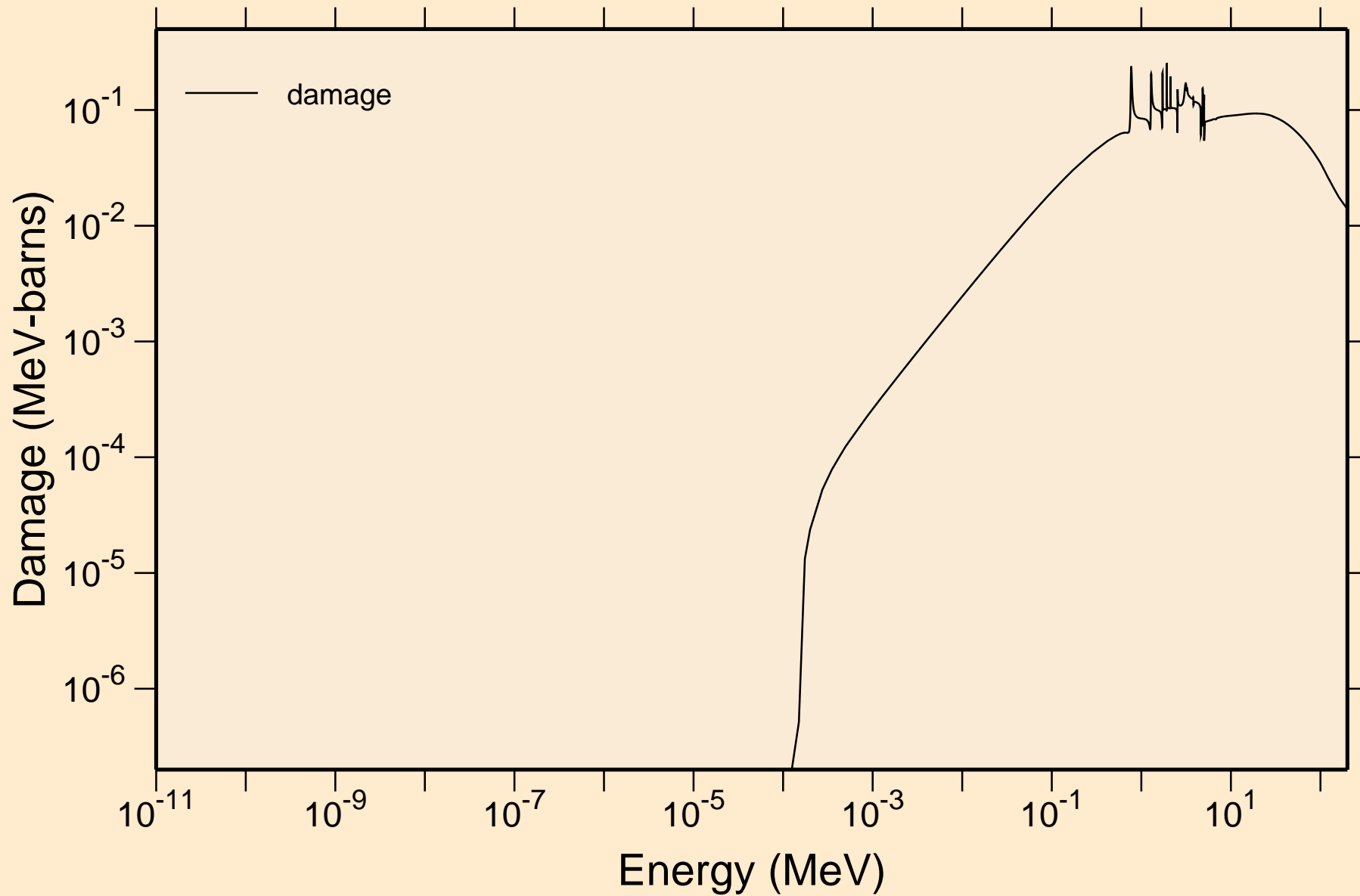
## Principal cross sections



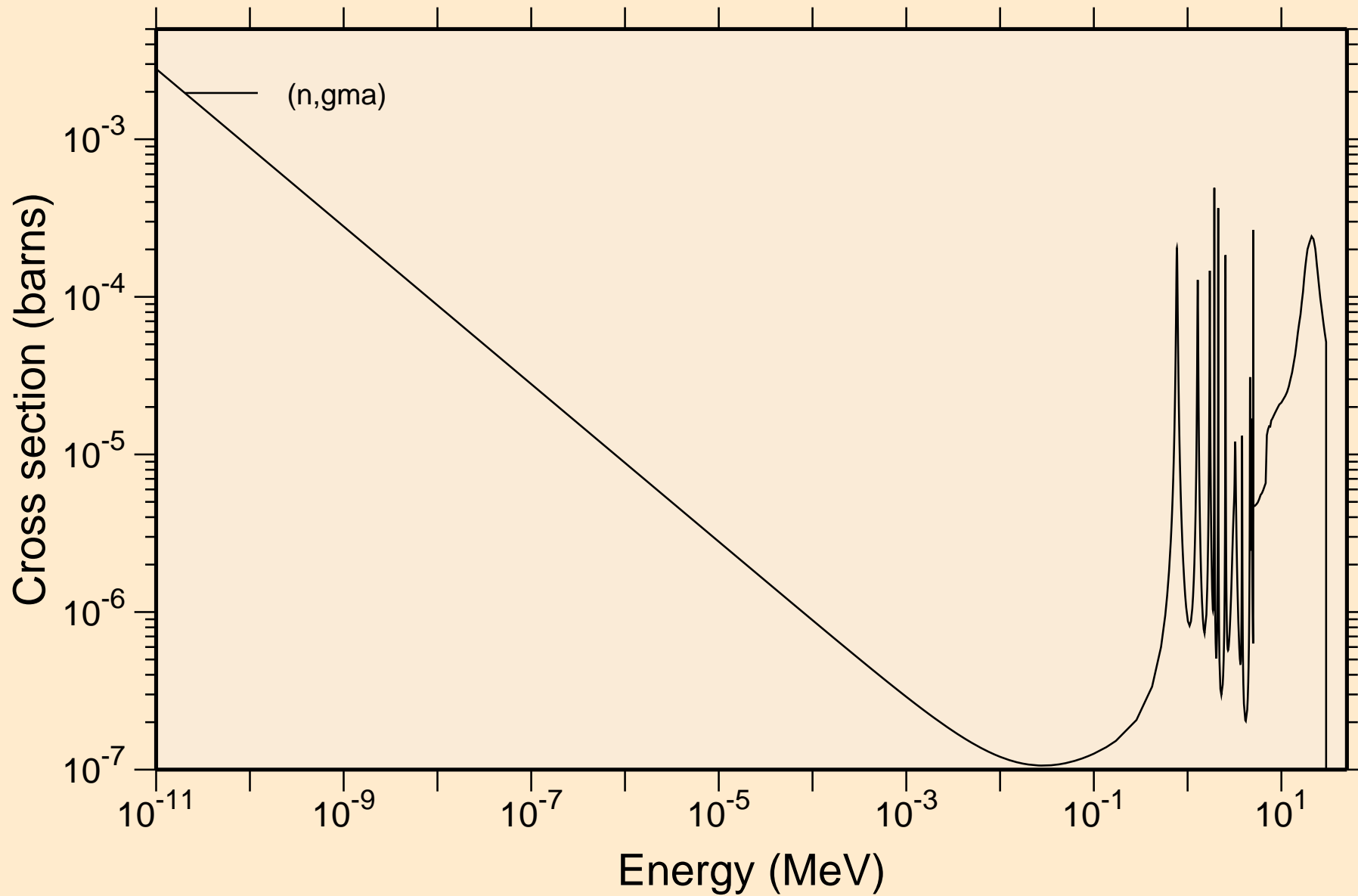
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

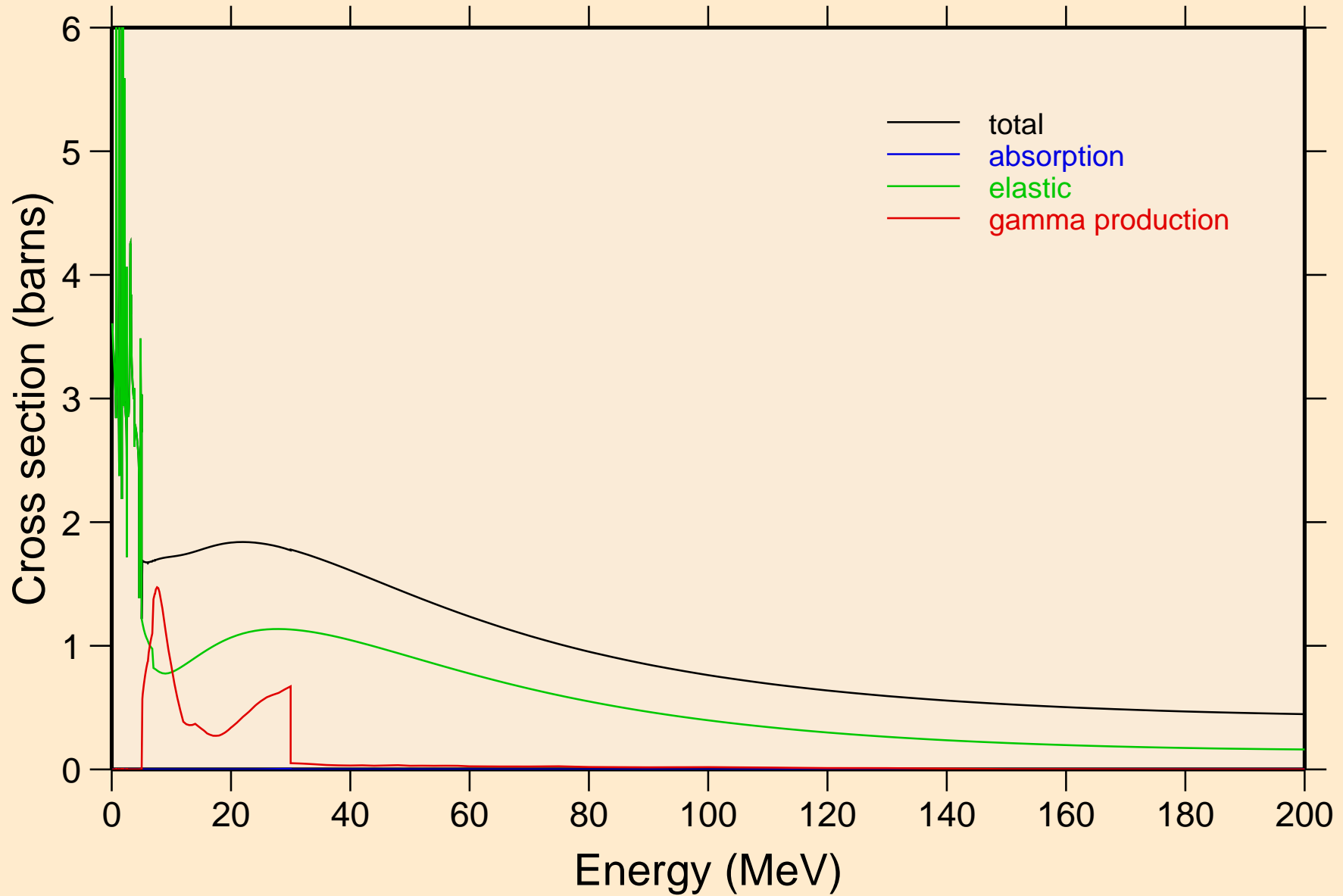


O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

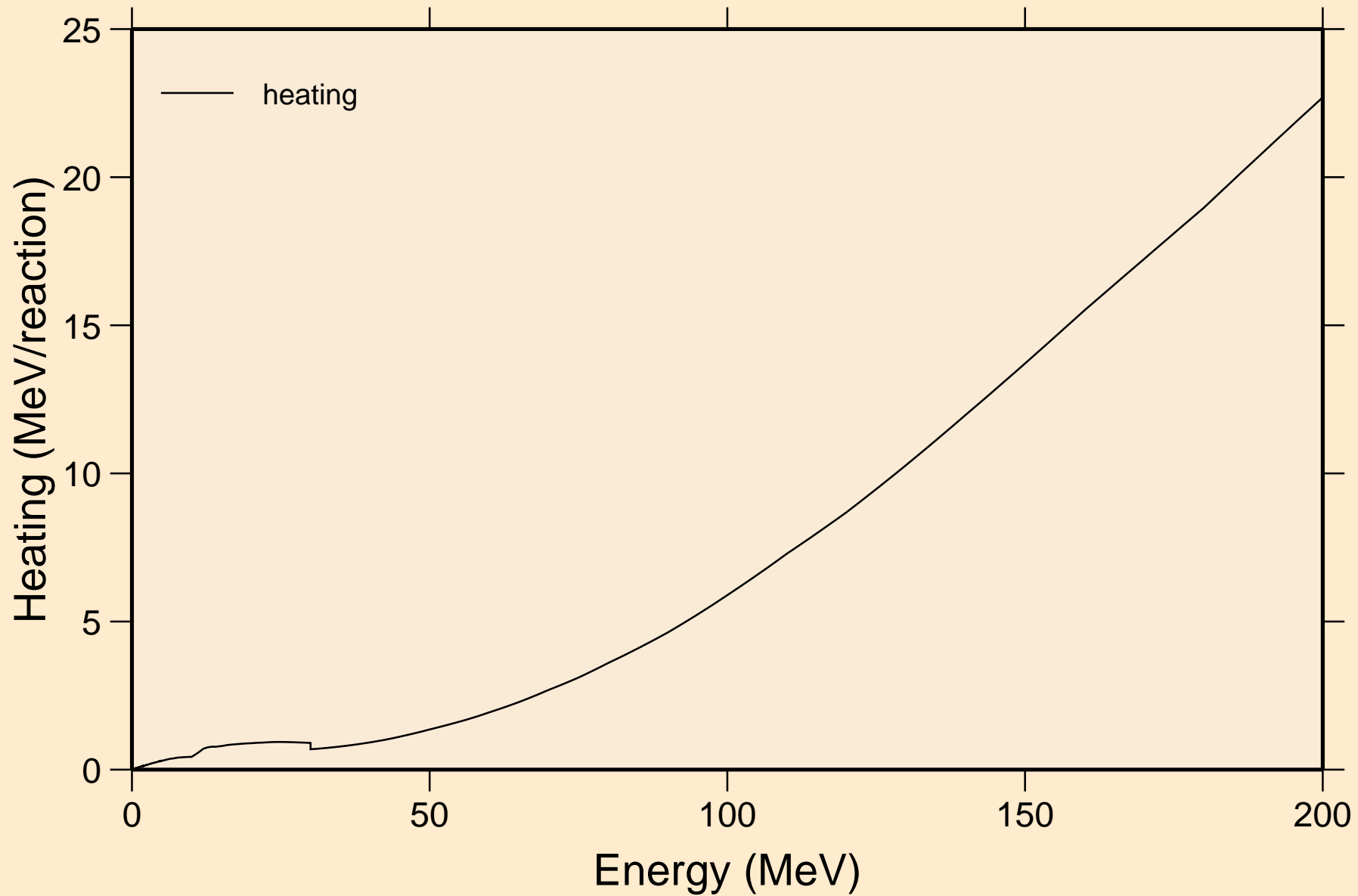


# O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

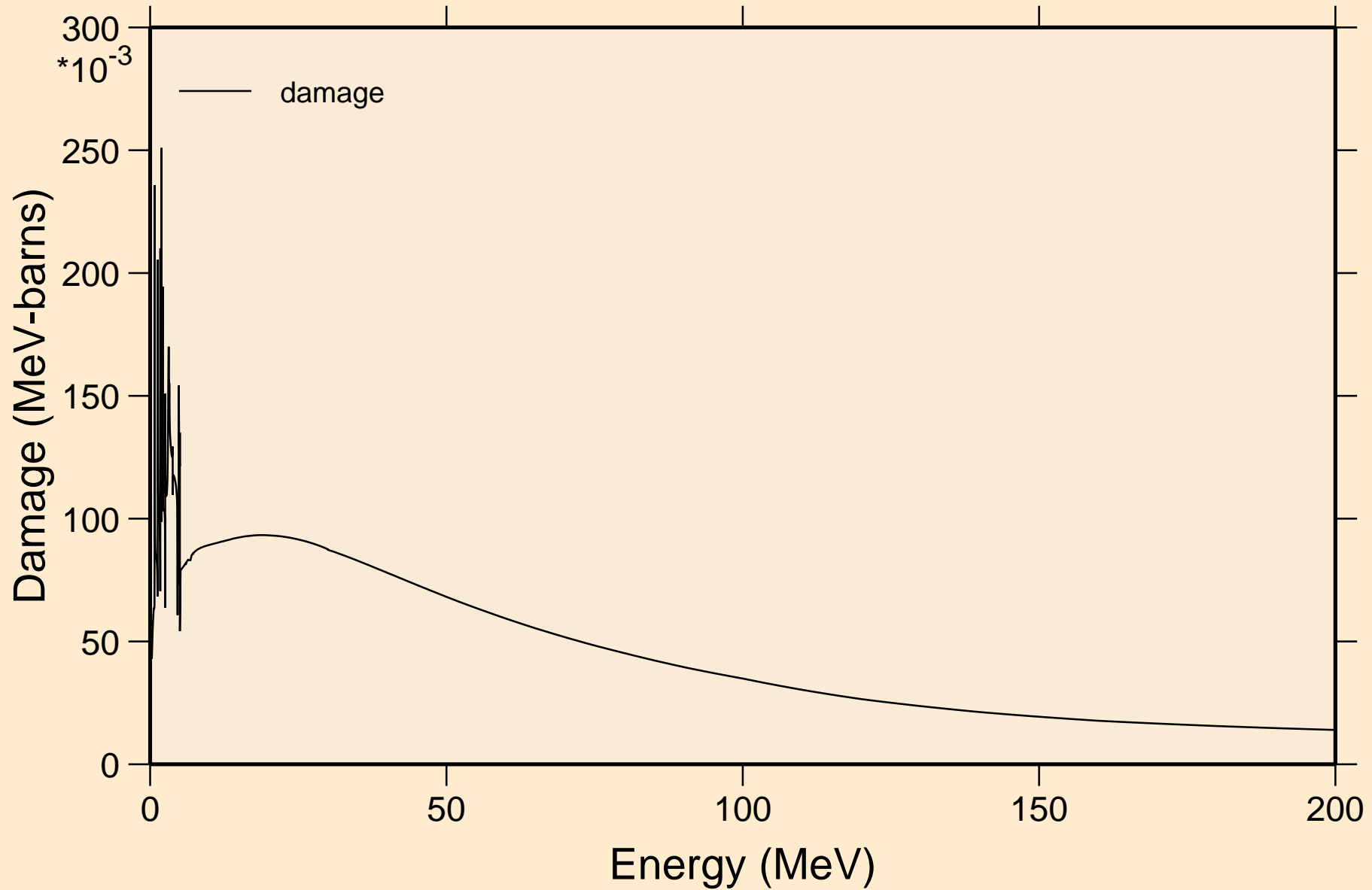
## Principal cross sections



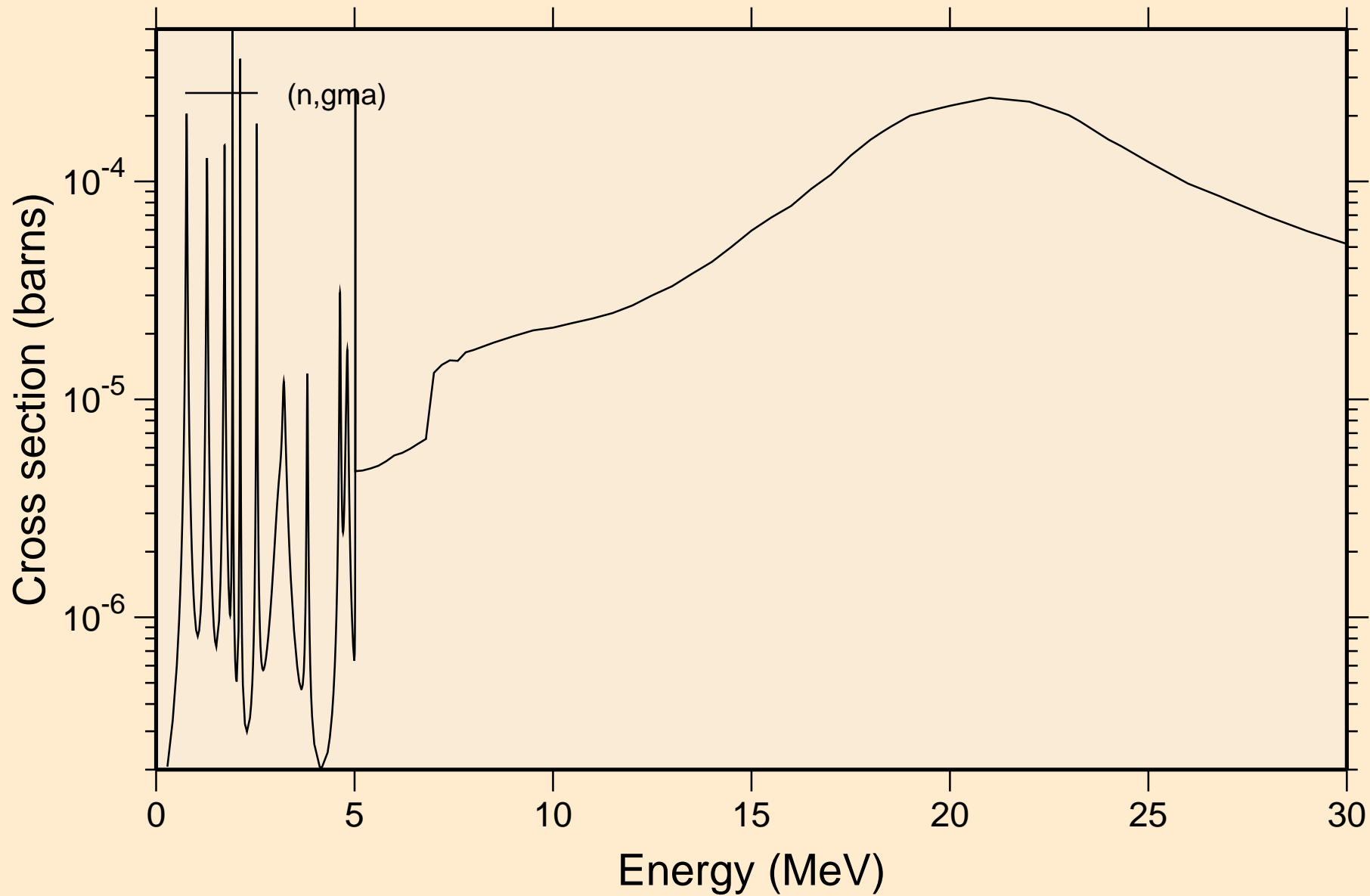
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage

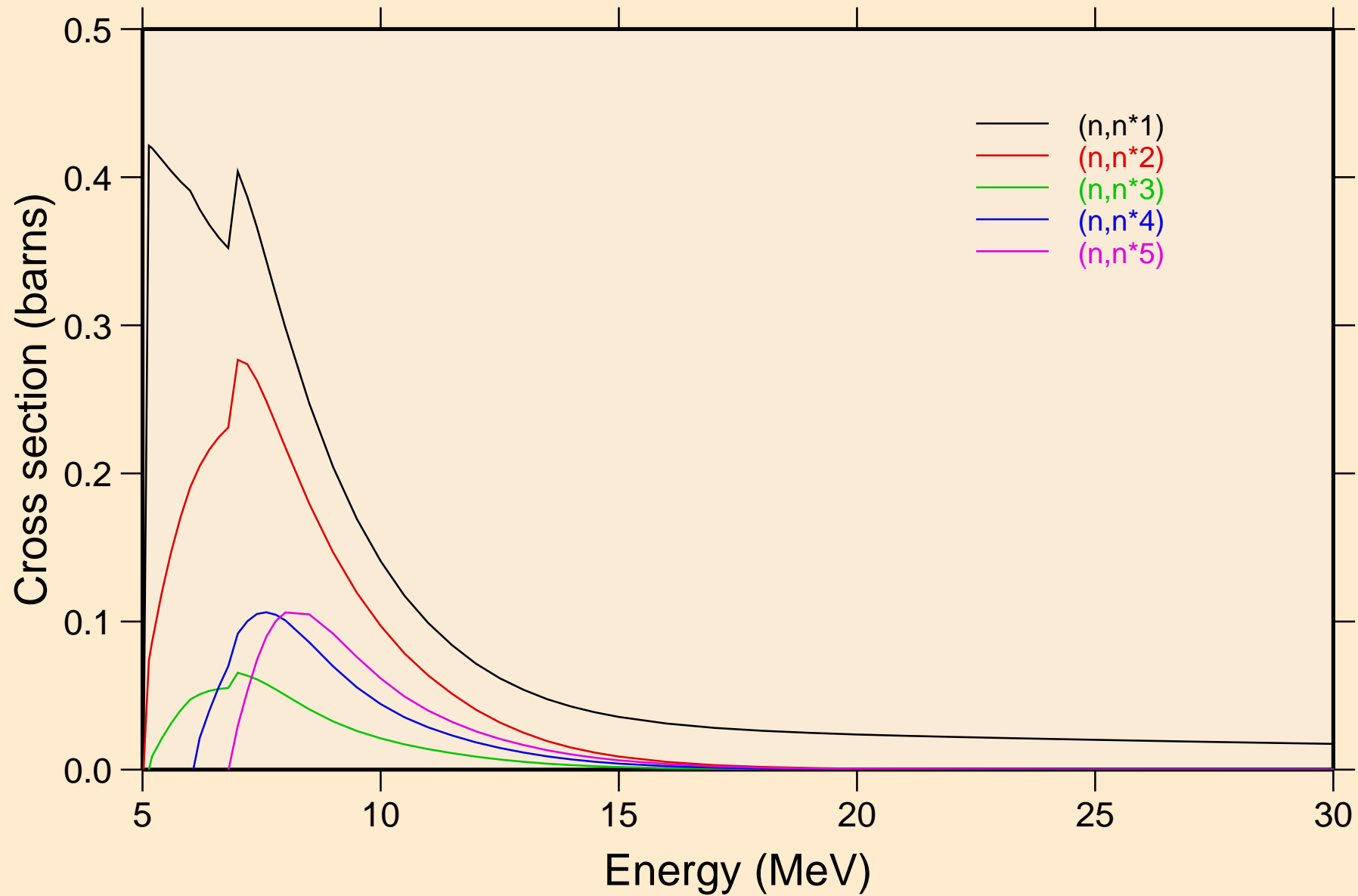


O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

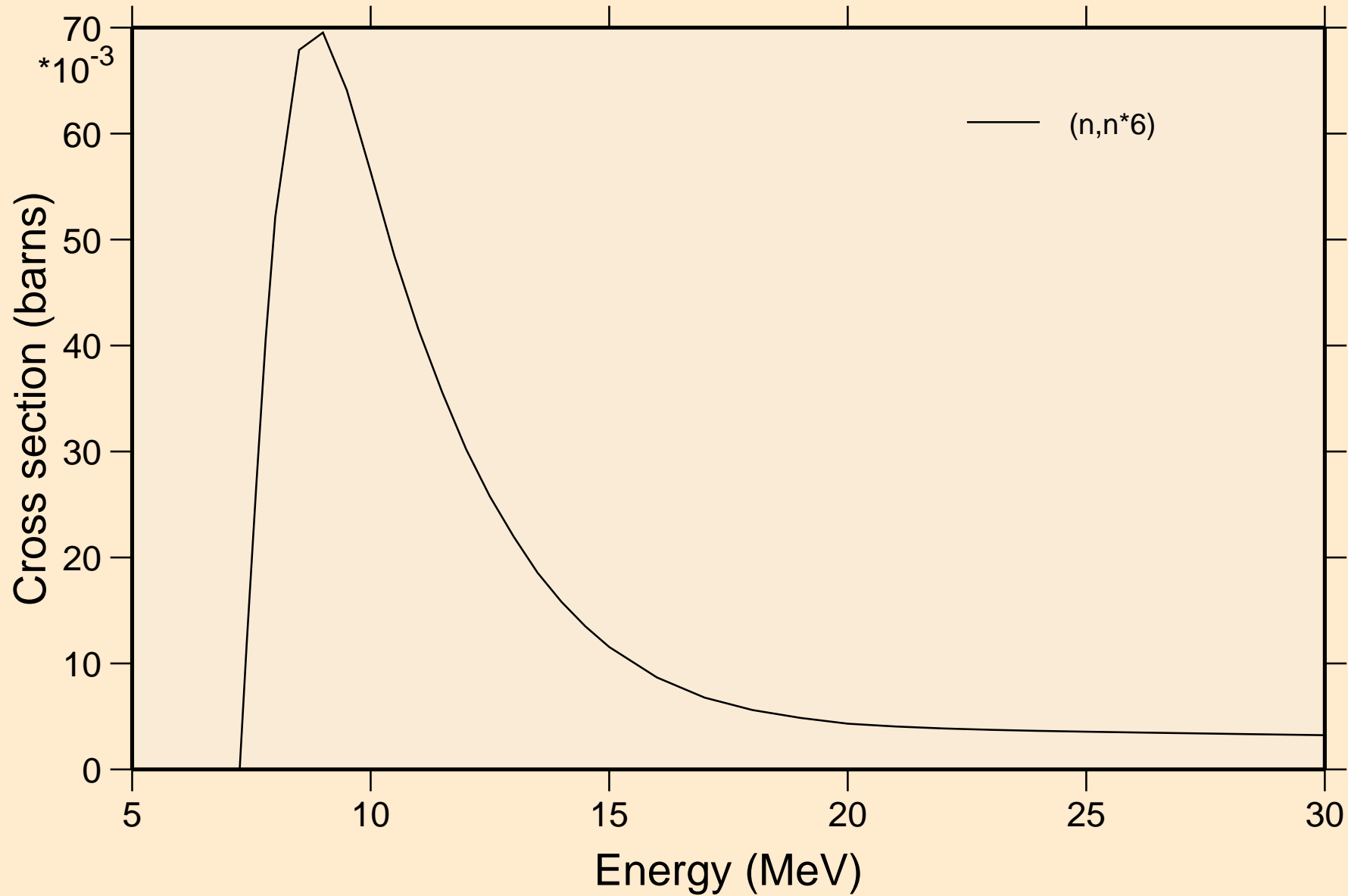




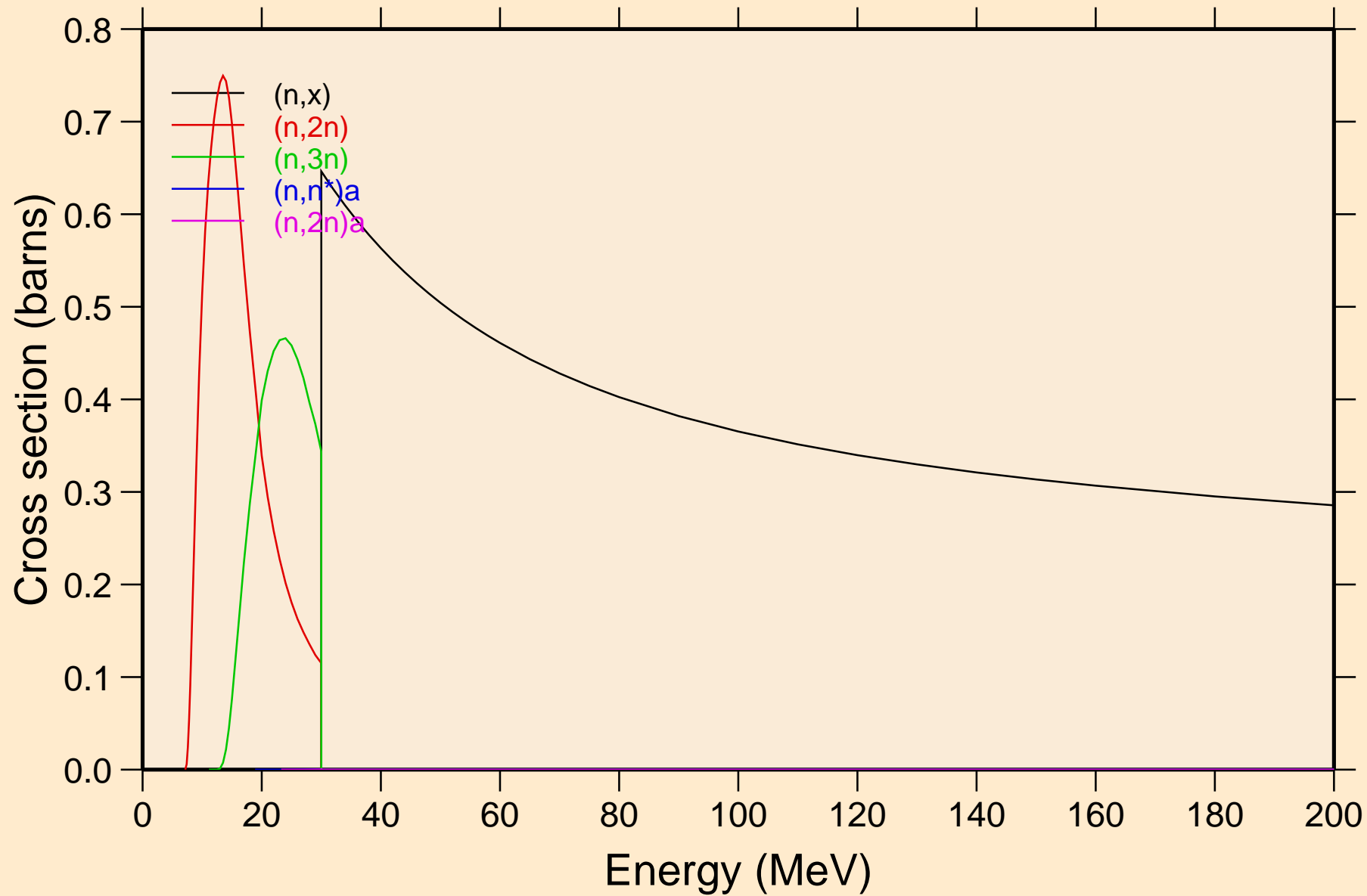
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Inelastic levels



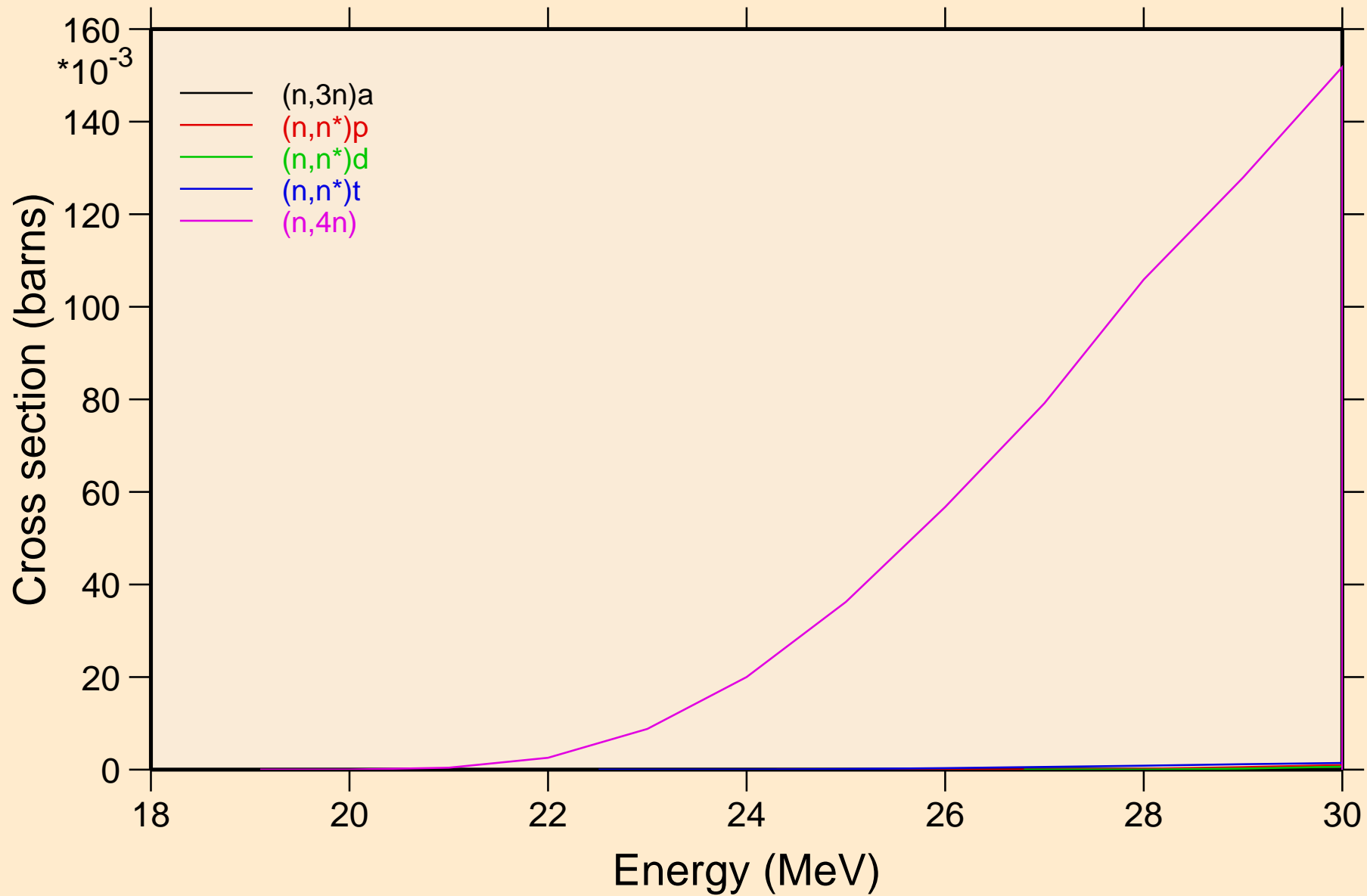
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Inelastic levels



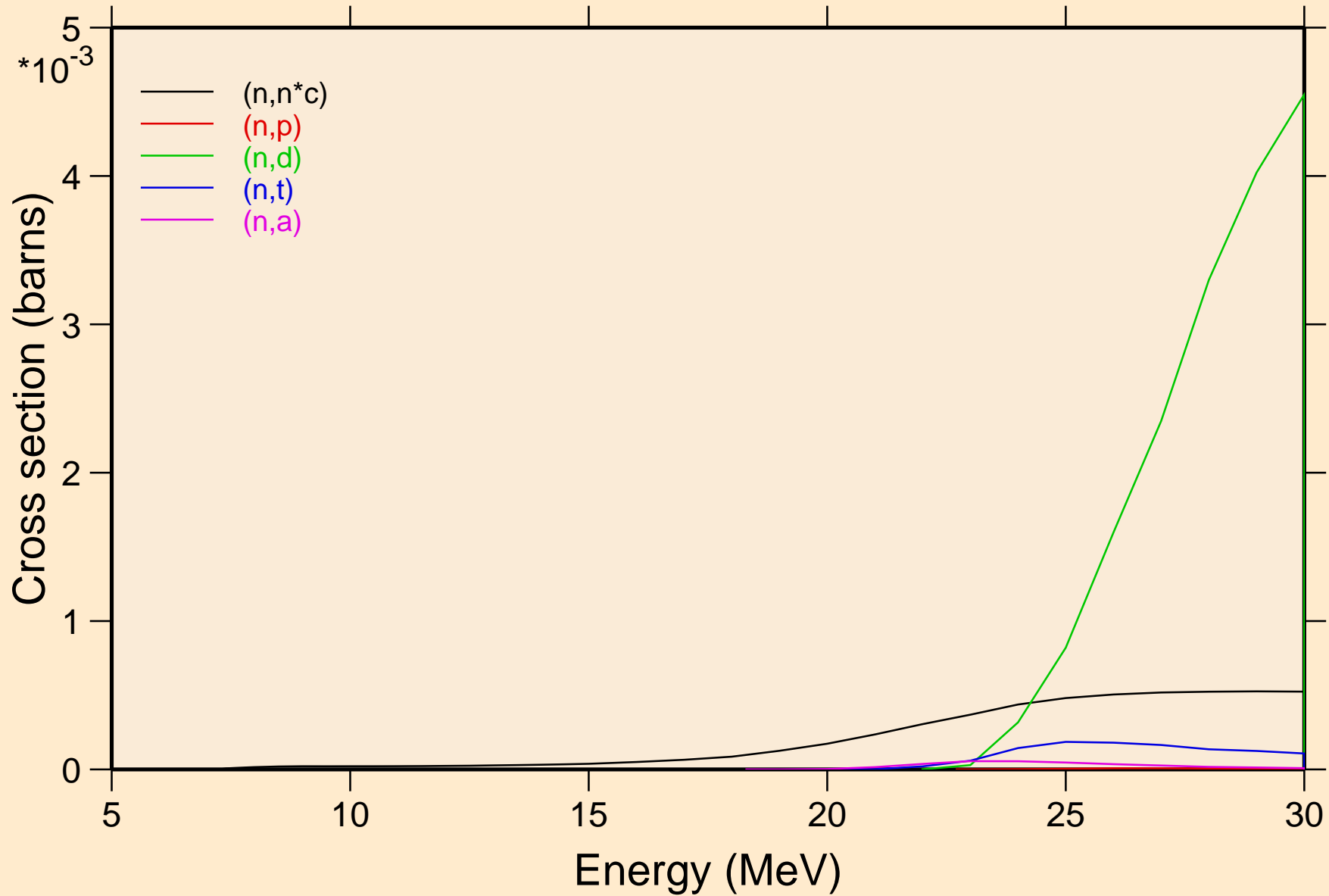
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Threshold reactions



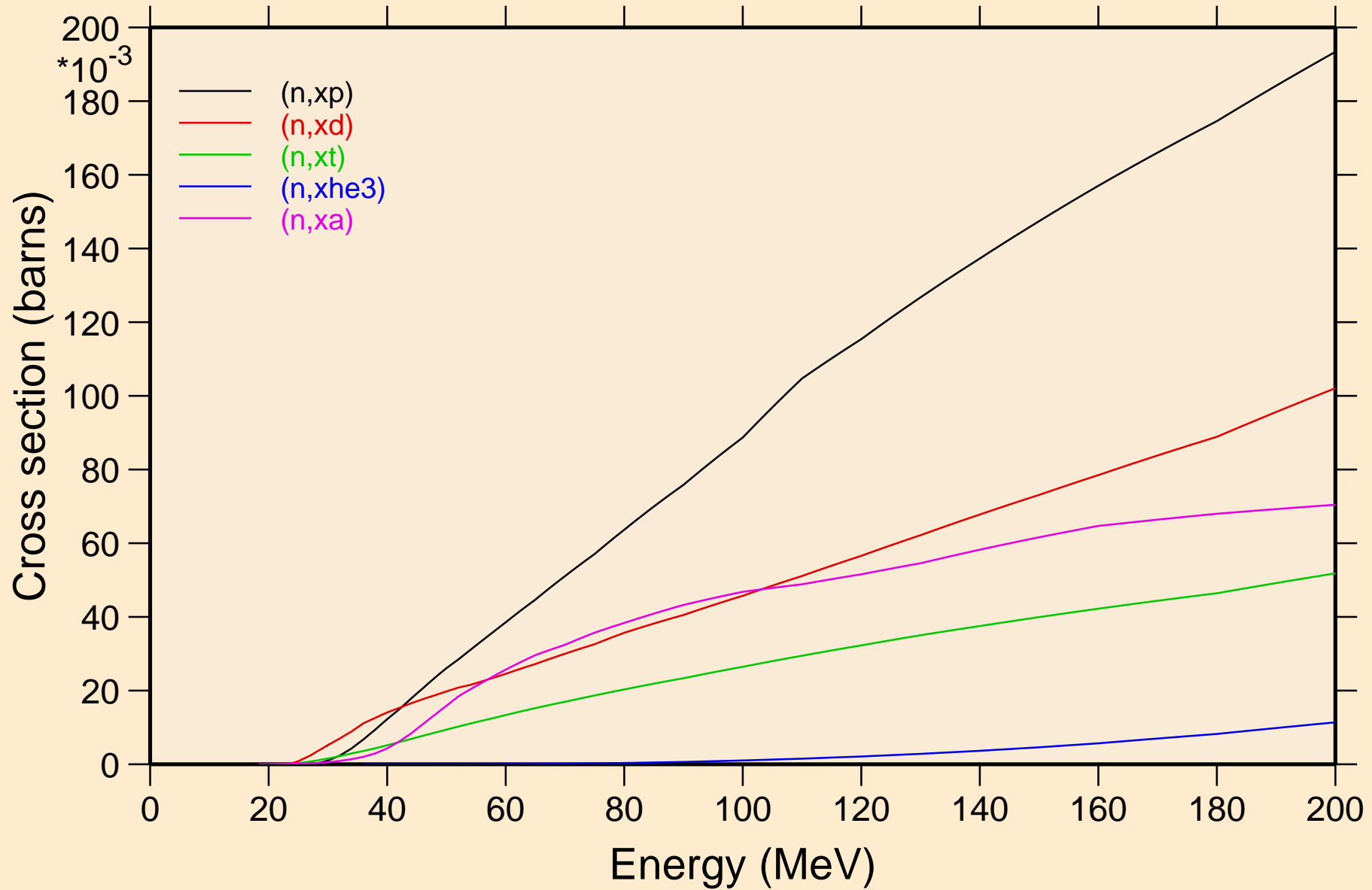
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Threshold reactions



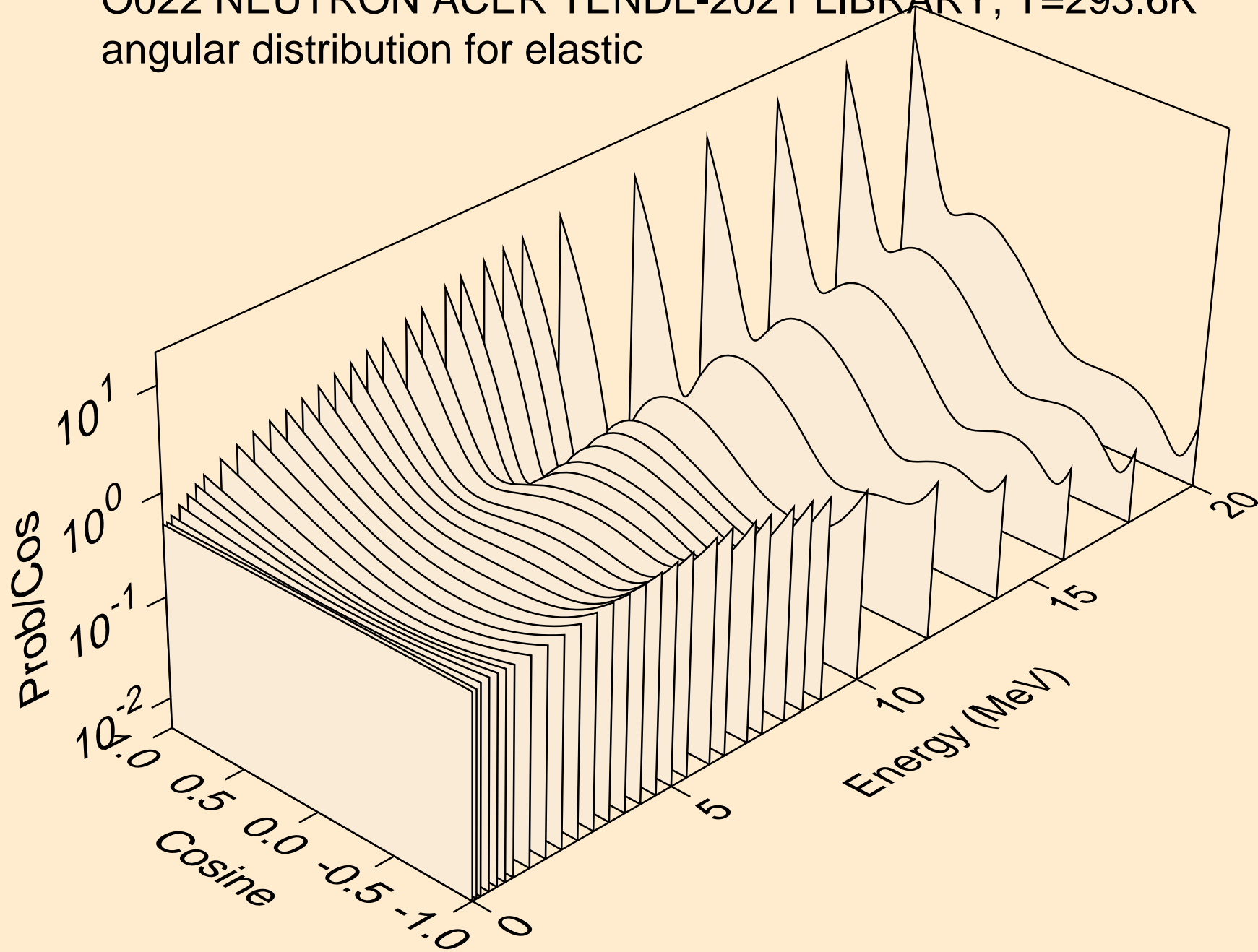
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



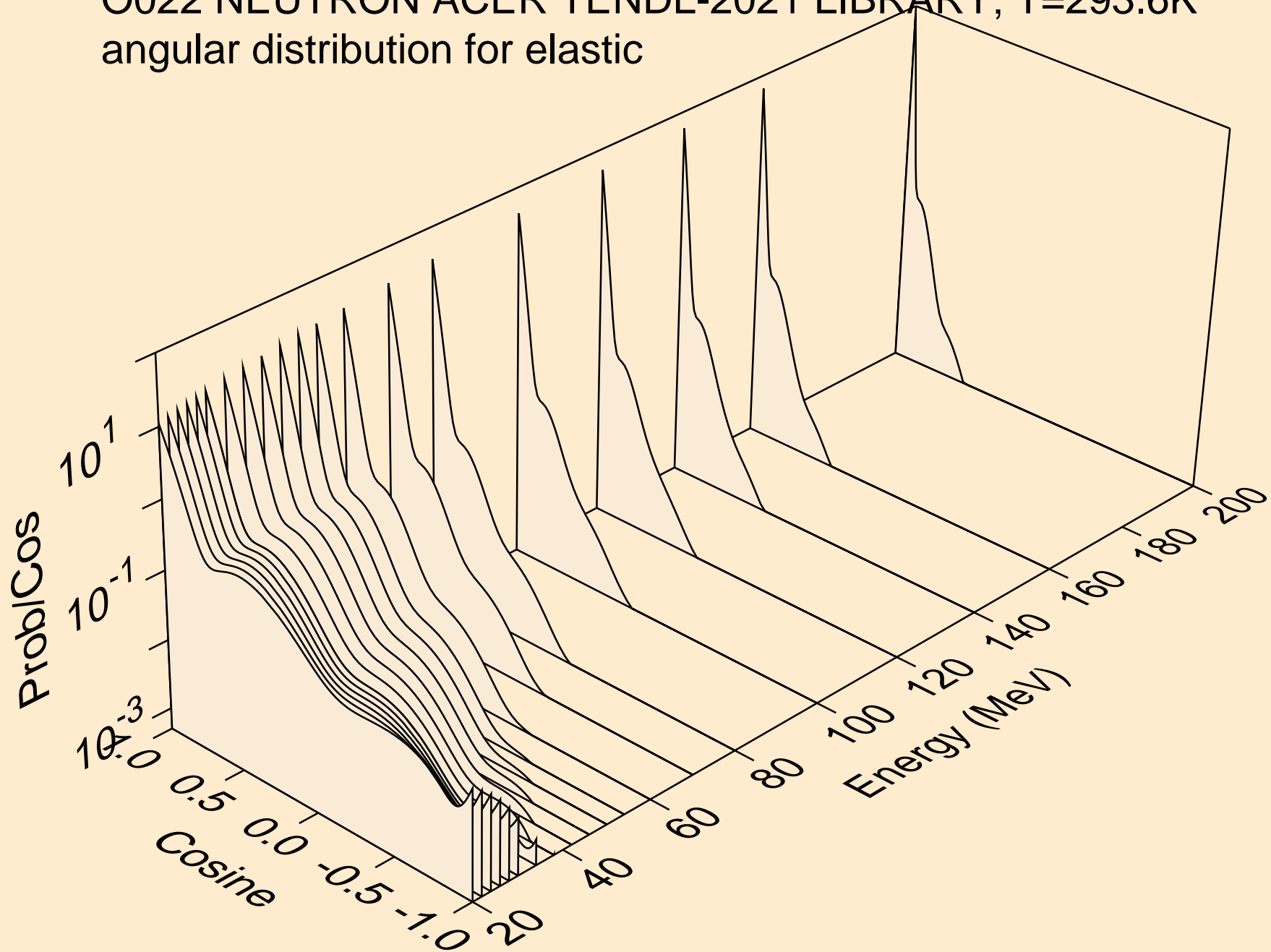
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

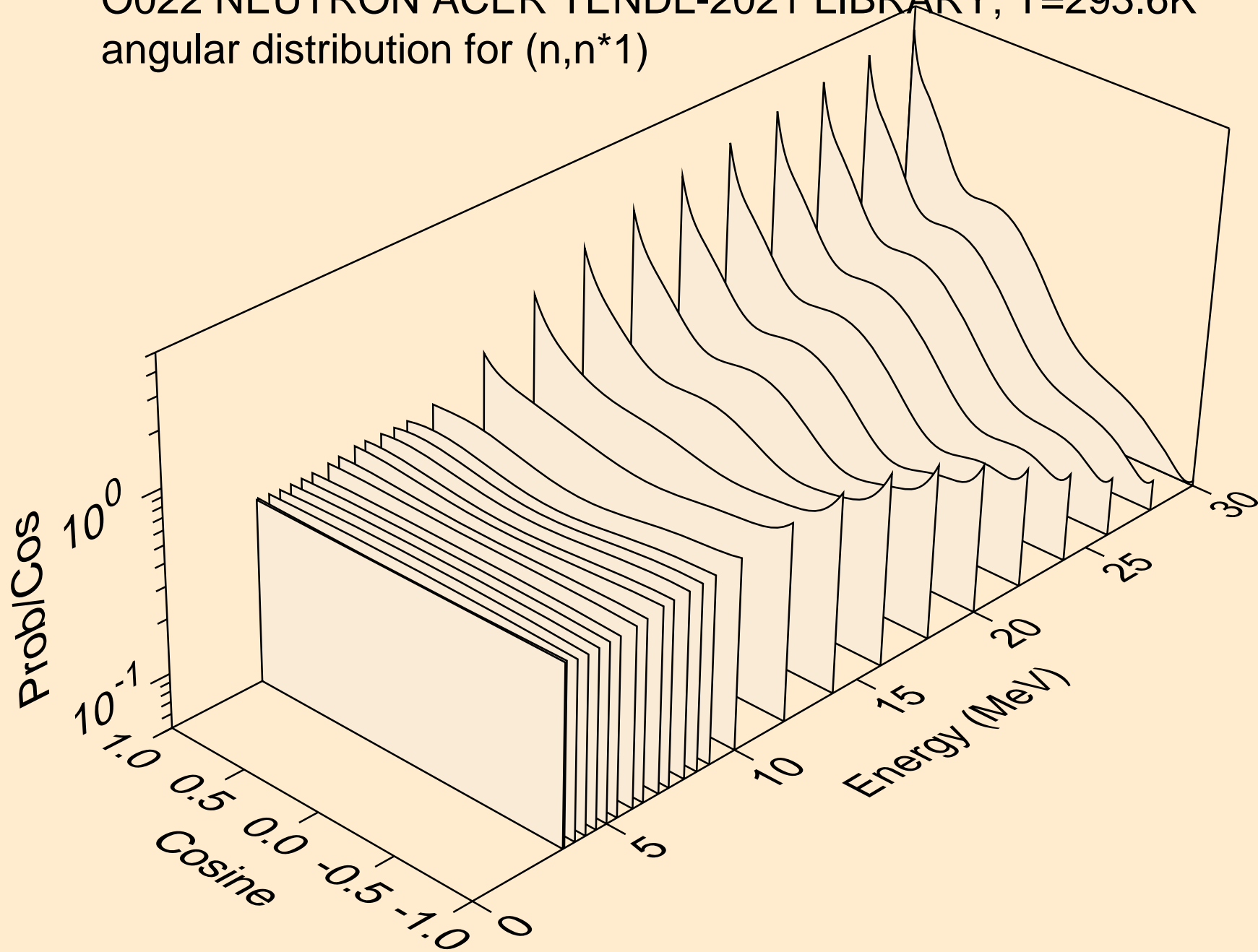


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angular distribution for elastic

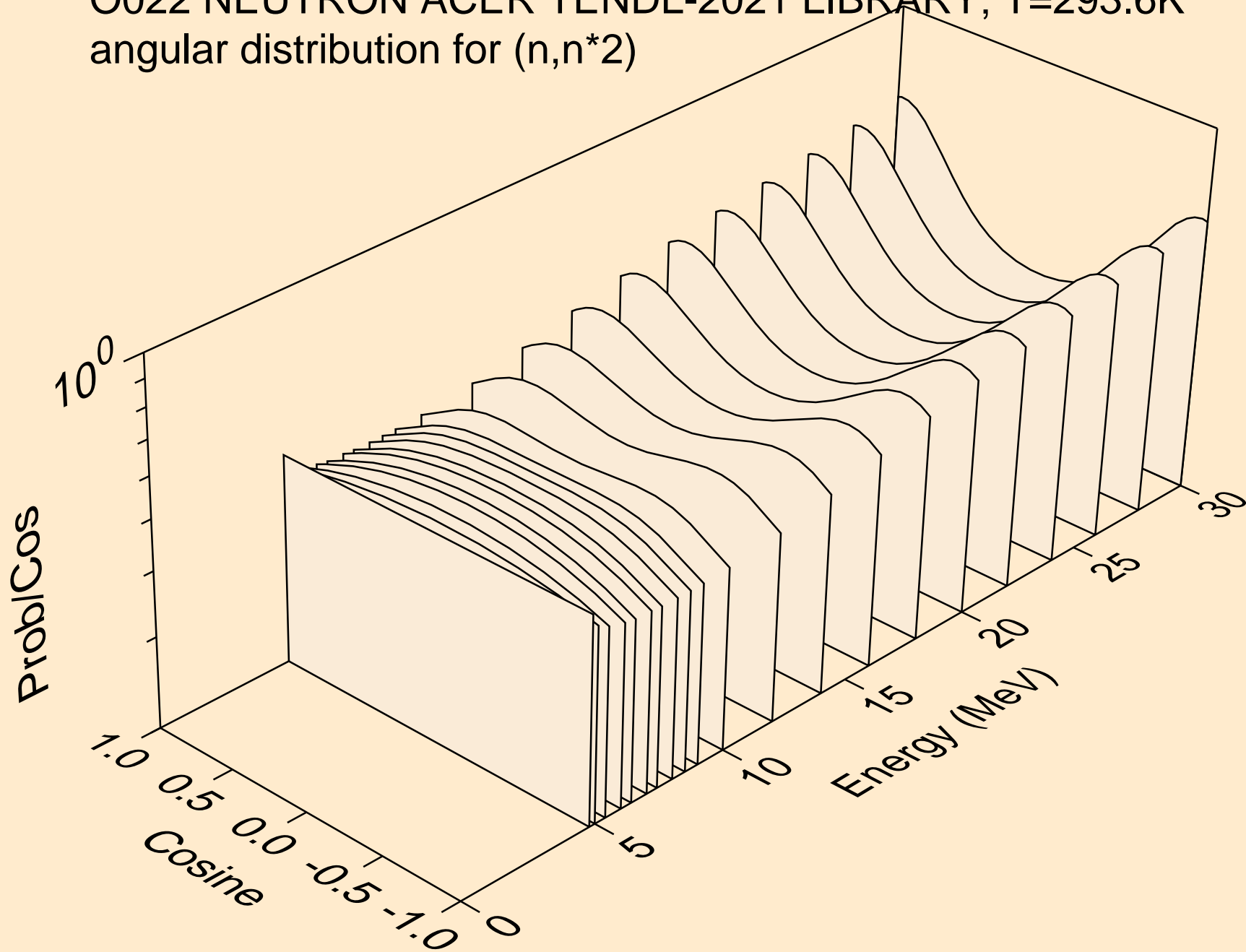




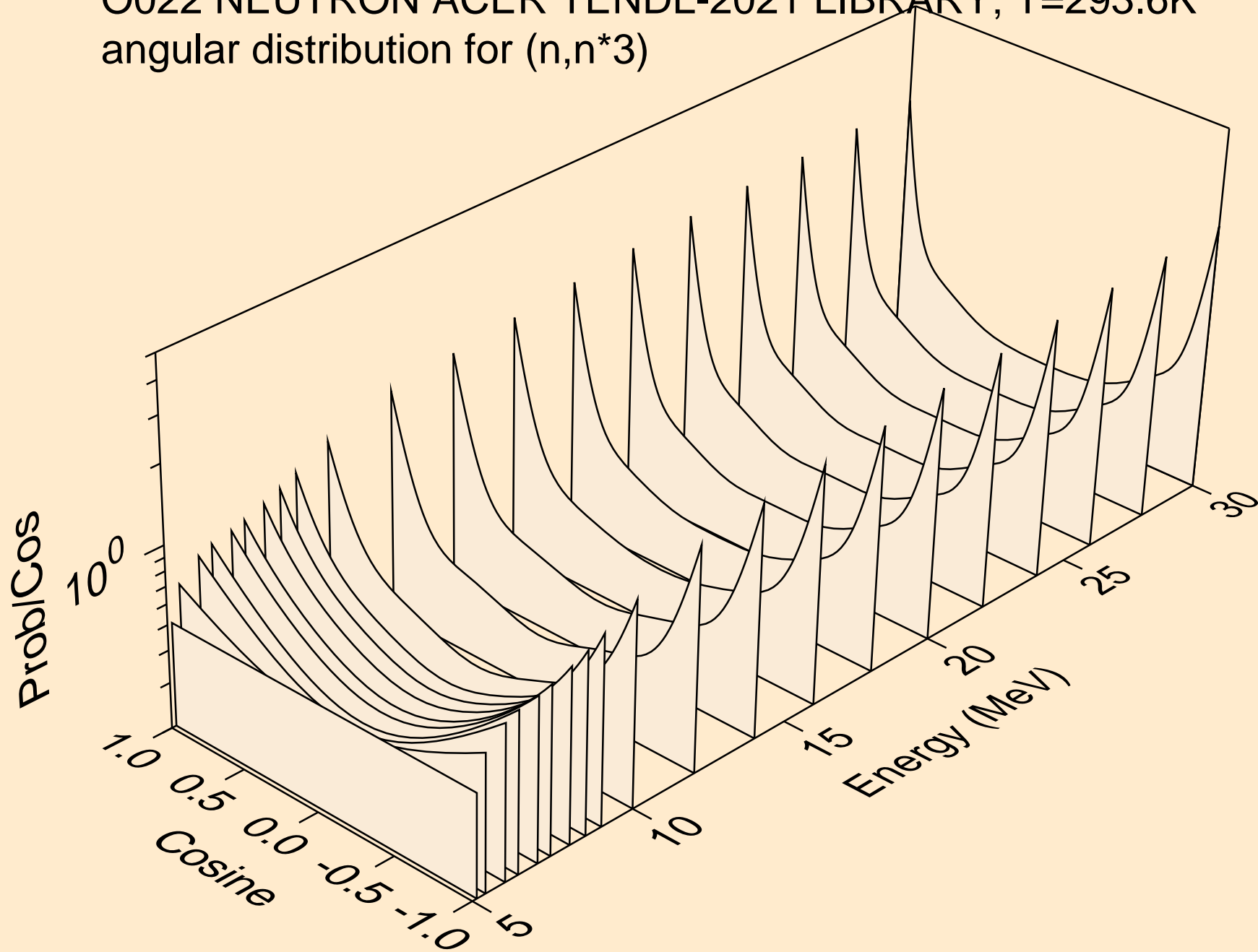
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angular distribution for (n,n\*1)



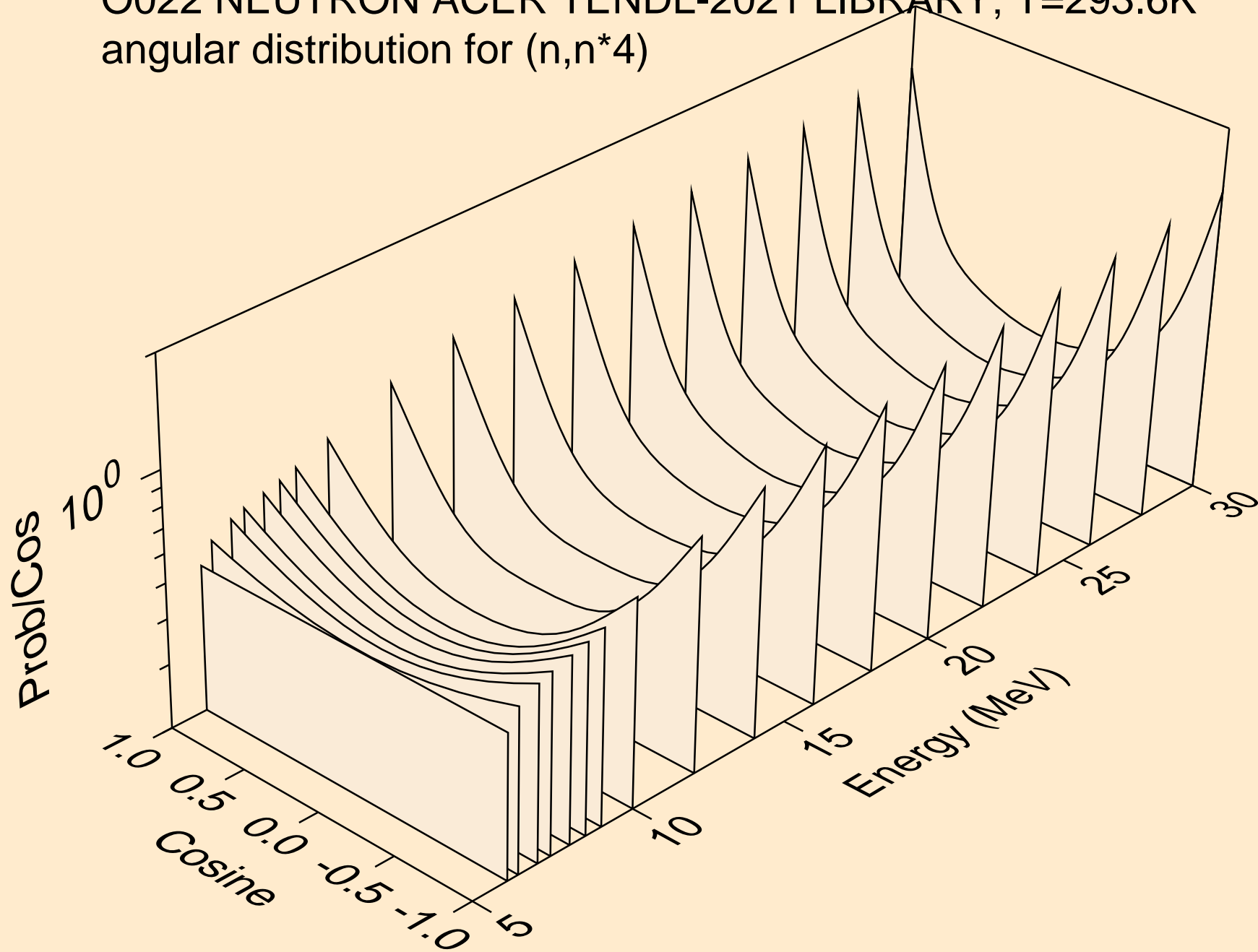
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angular distribution for (n,n\*2)



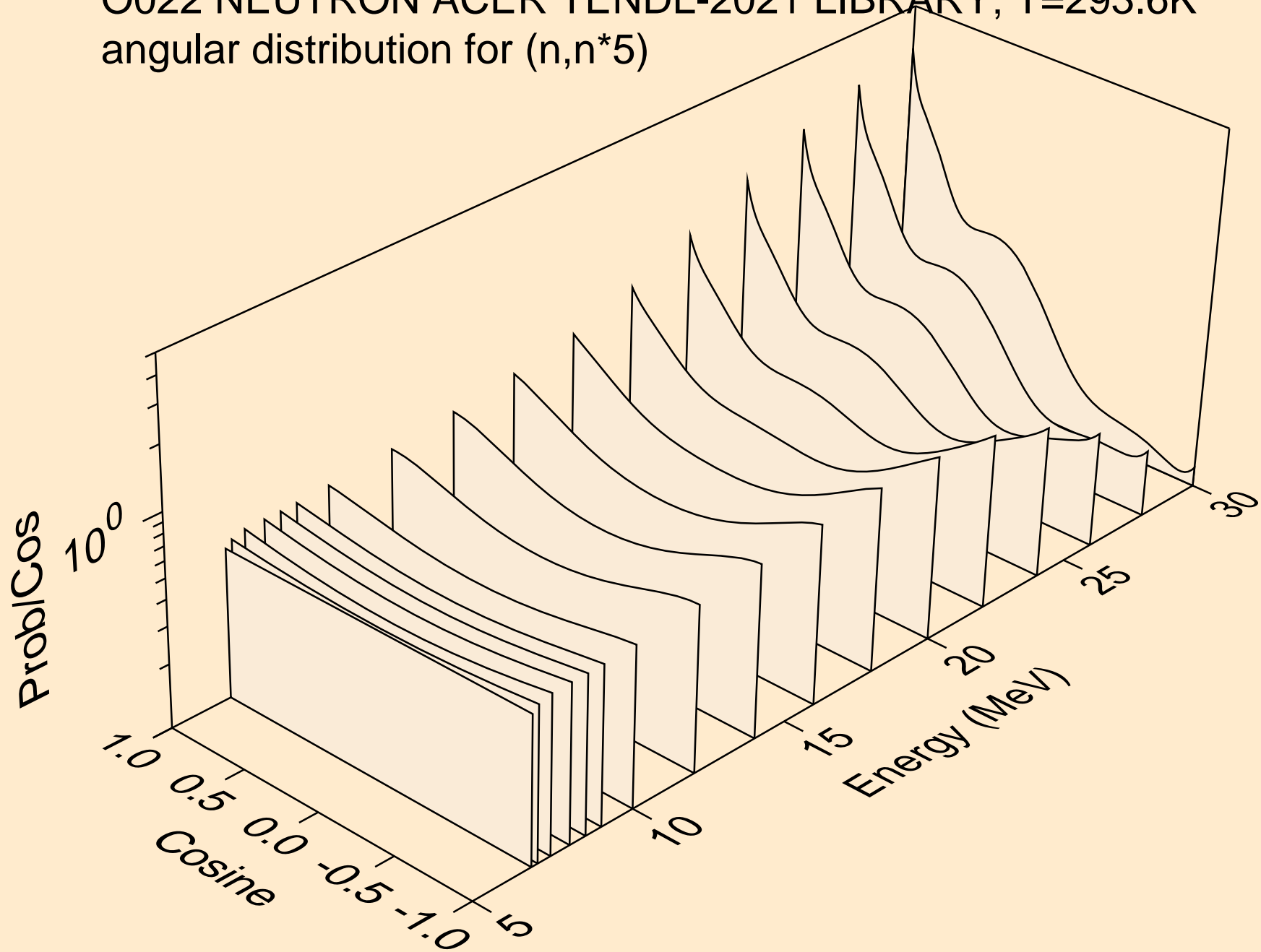
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angular distribution for (n,n\*3)



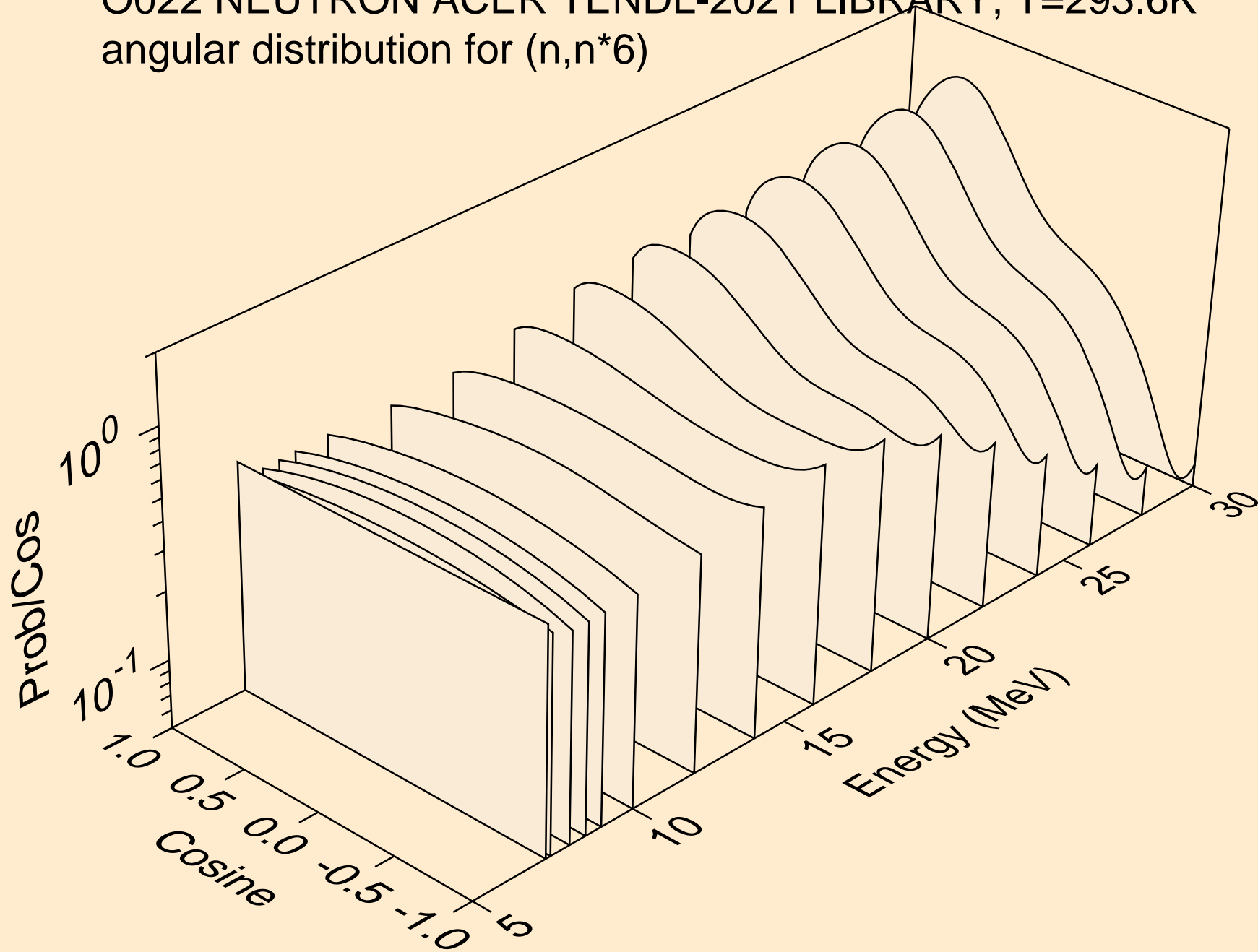
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angular distribution for (n,n\*4)



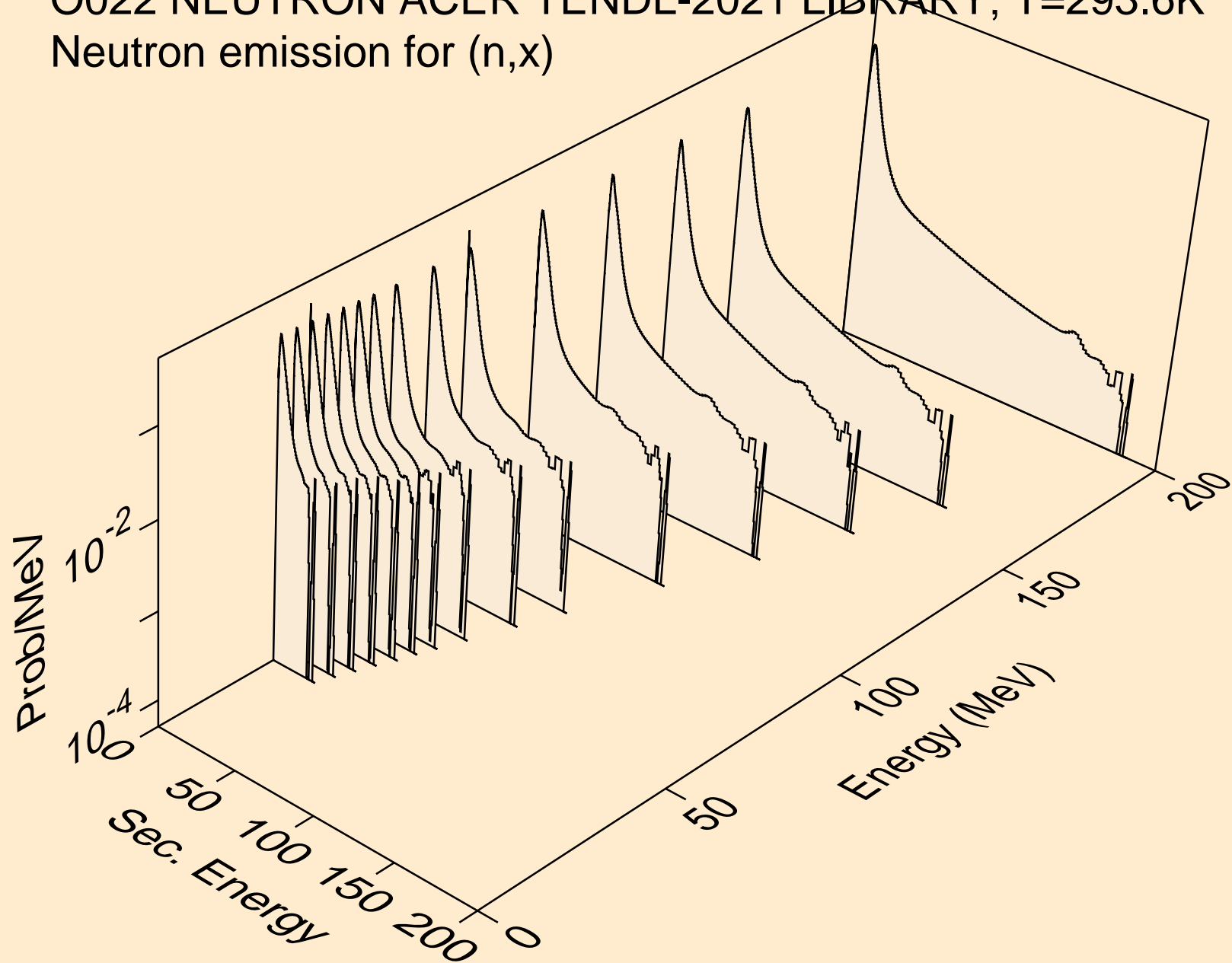
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angular distribution for (n,n\*5)



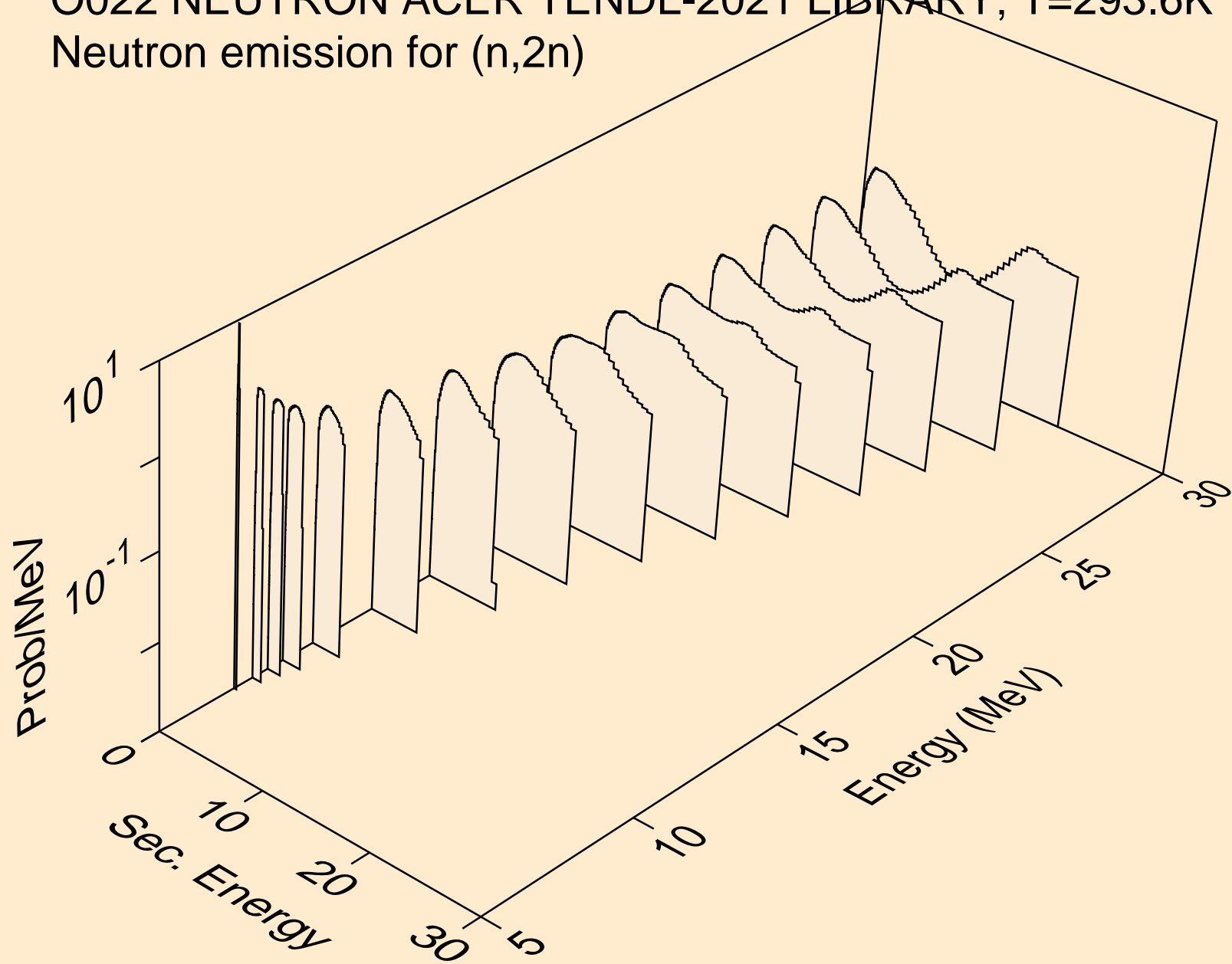
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

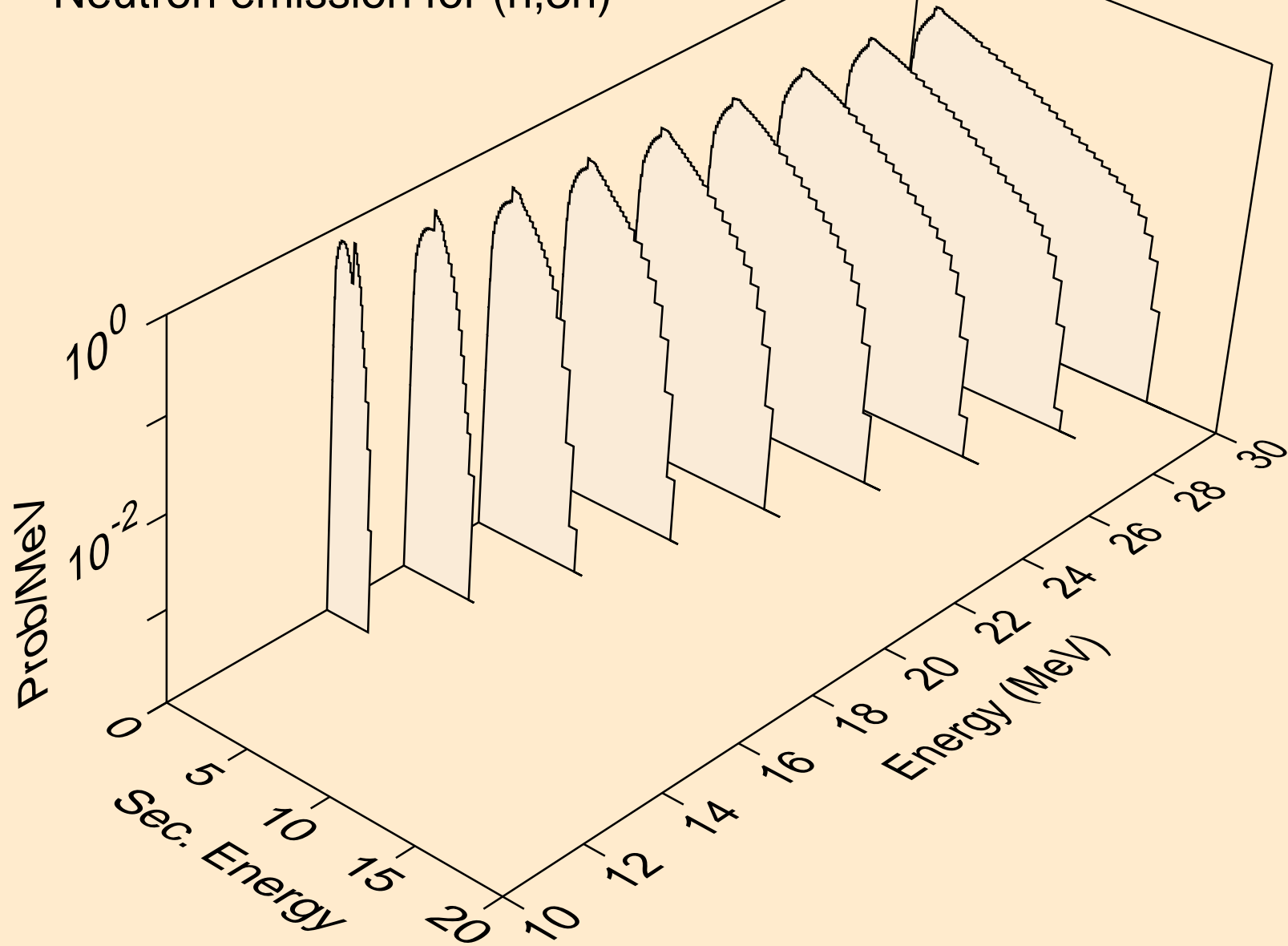


O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

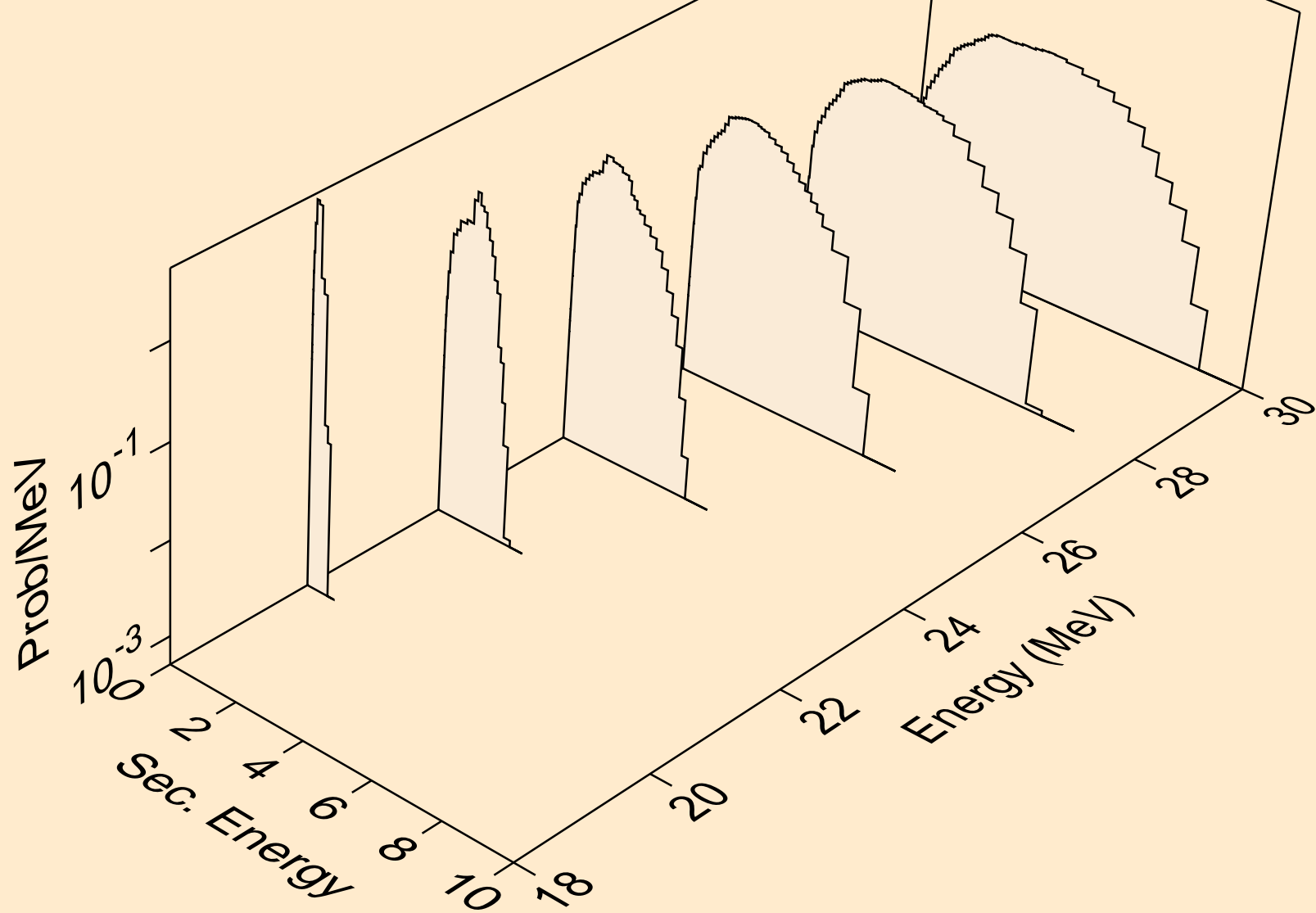




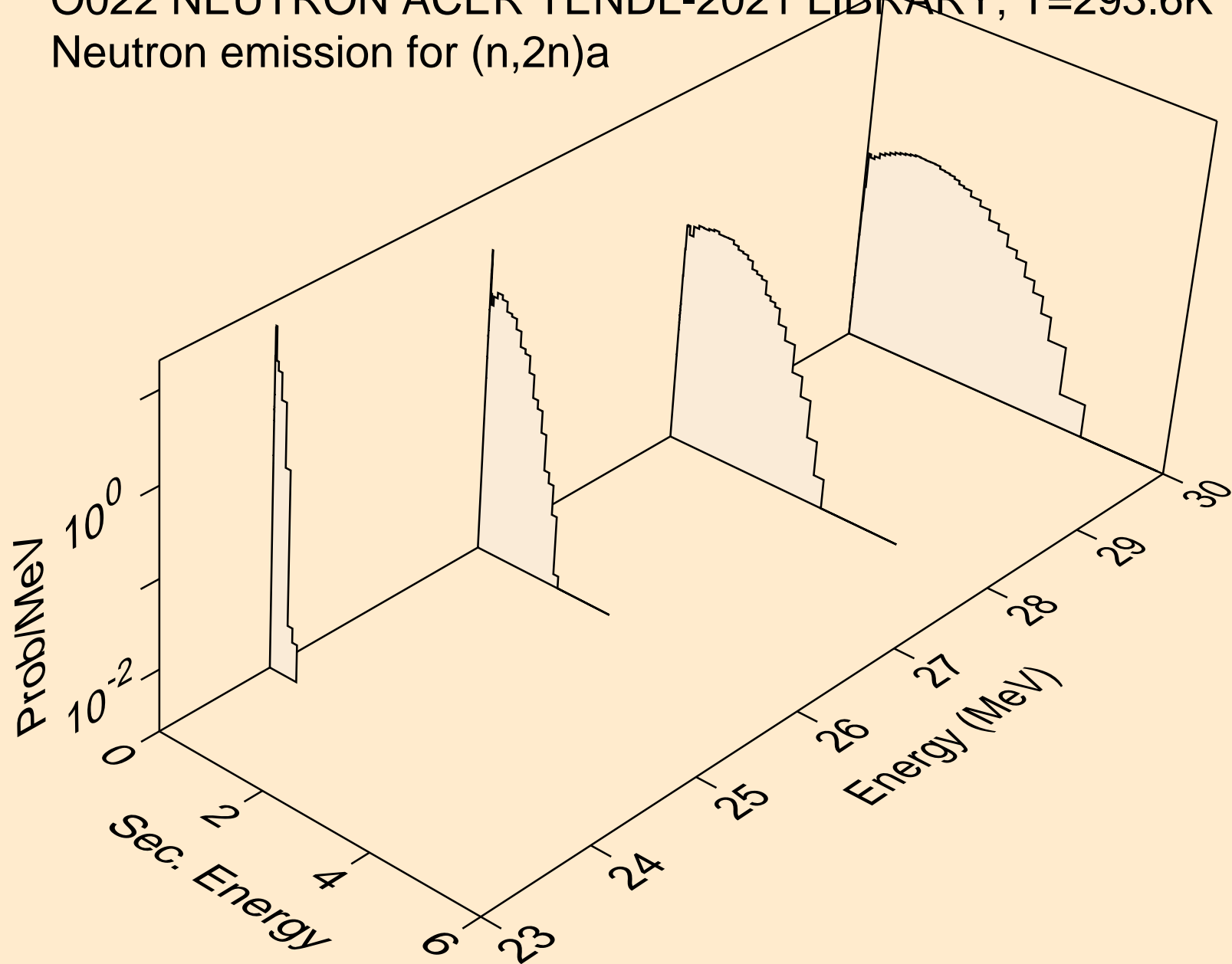
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Neutron emission for (n,3n)



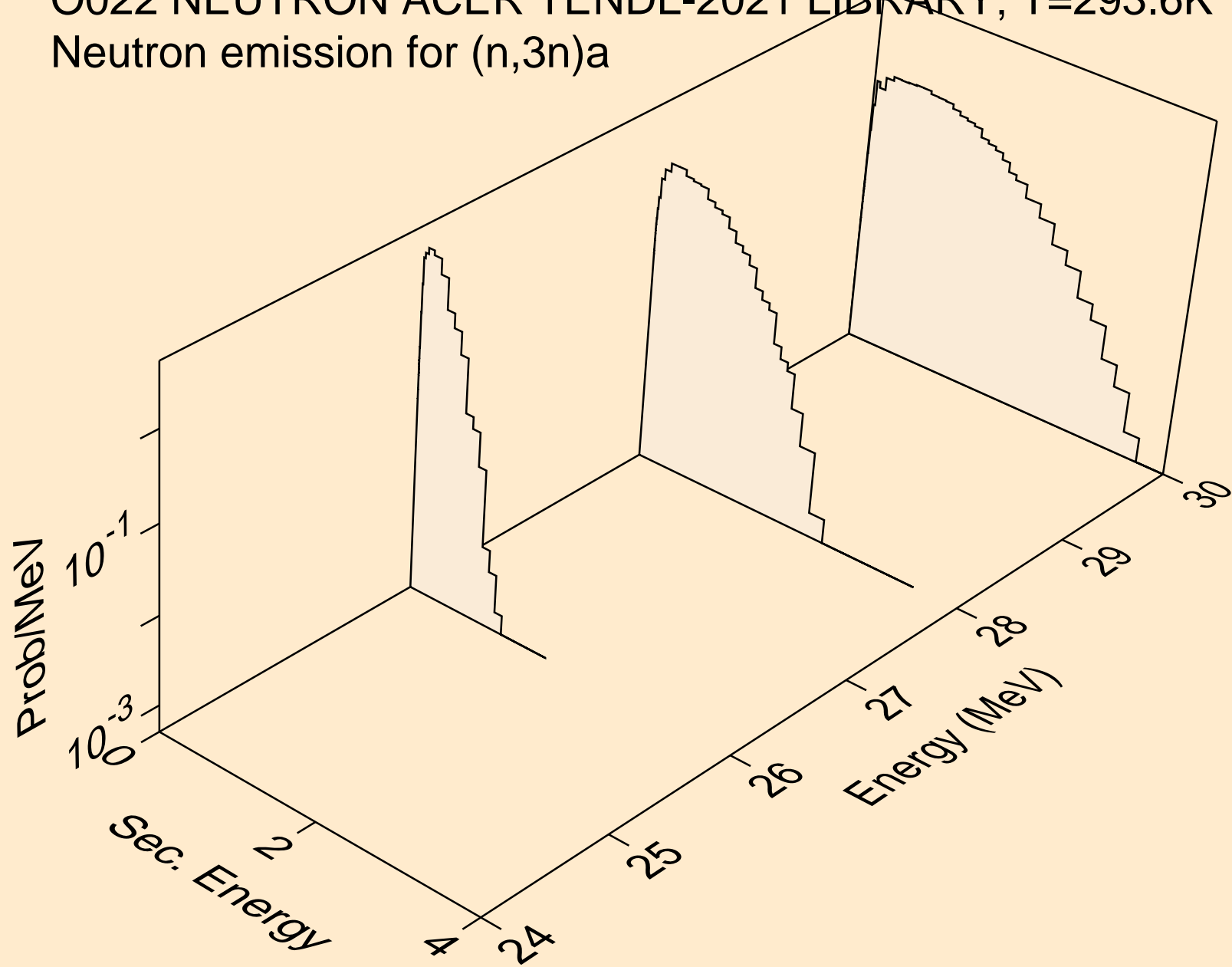
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



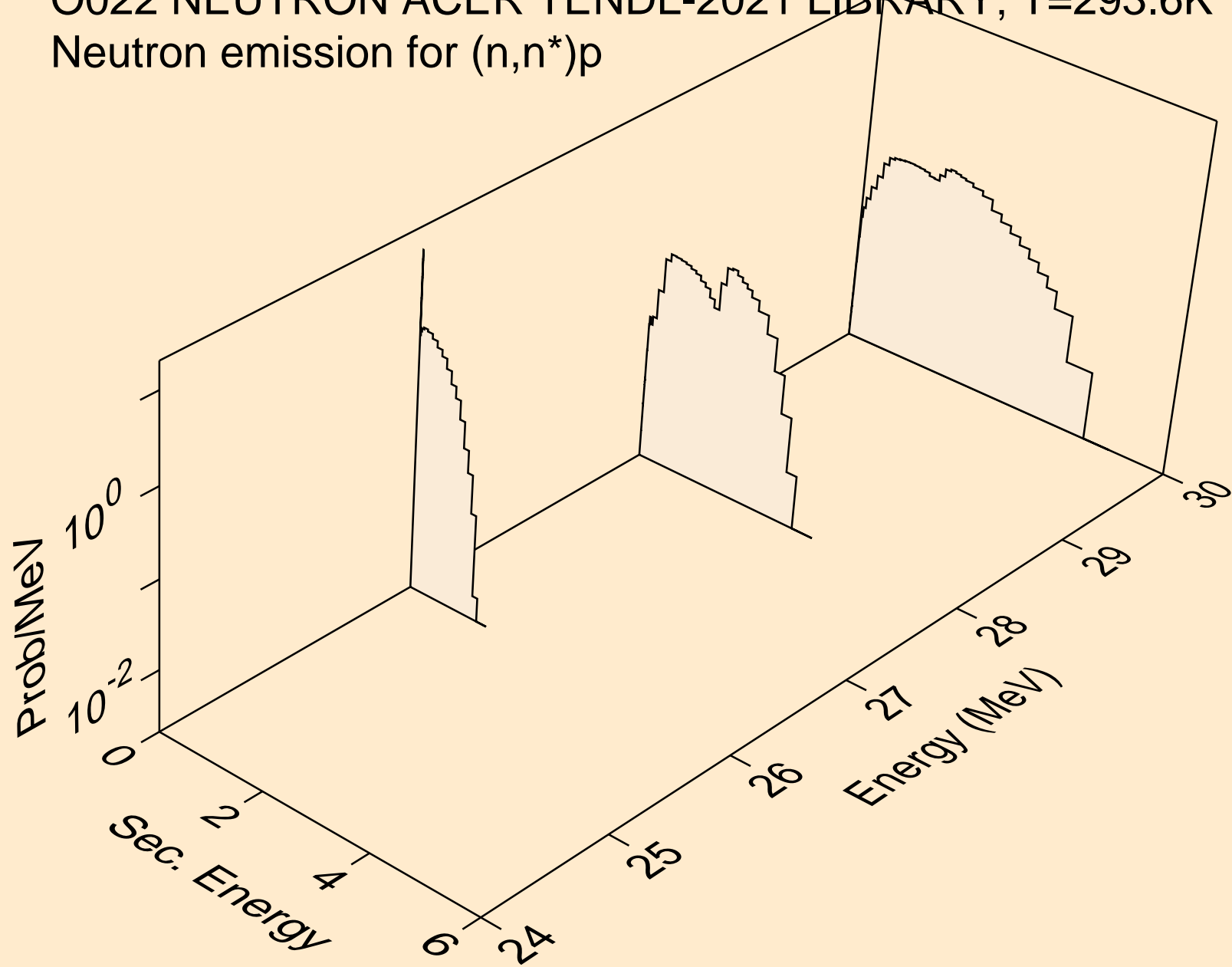
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Neutron emission for (n,2n)a



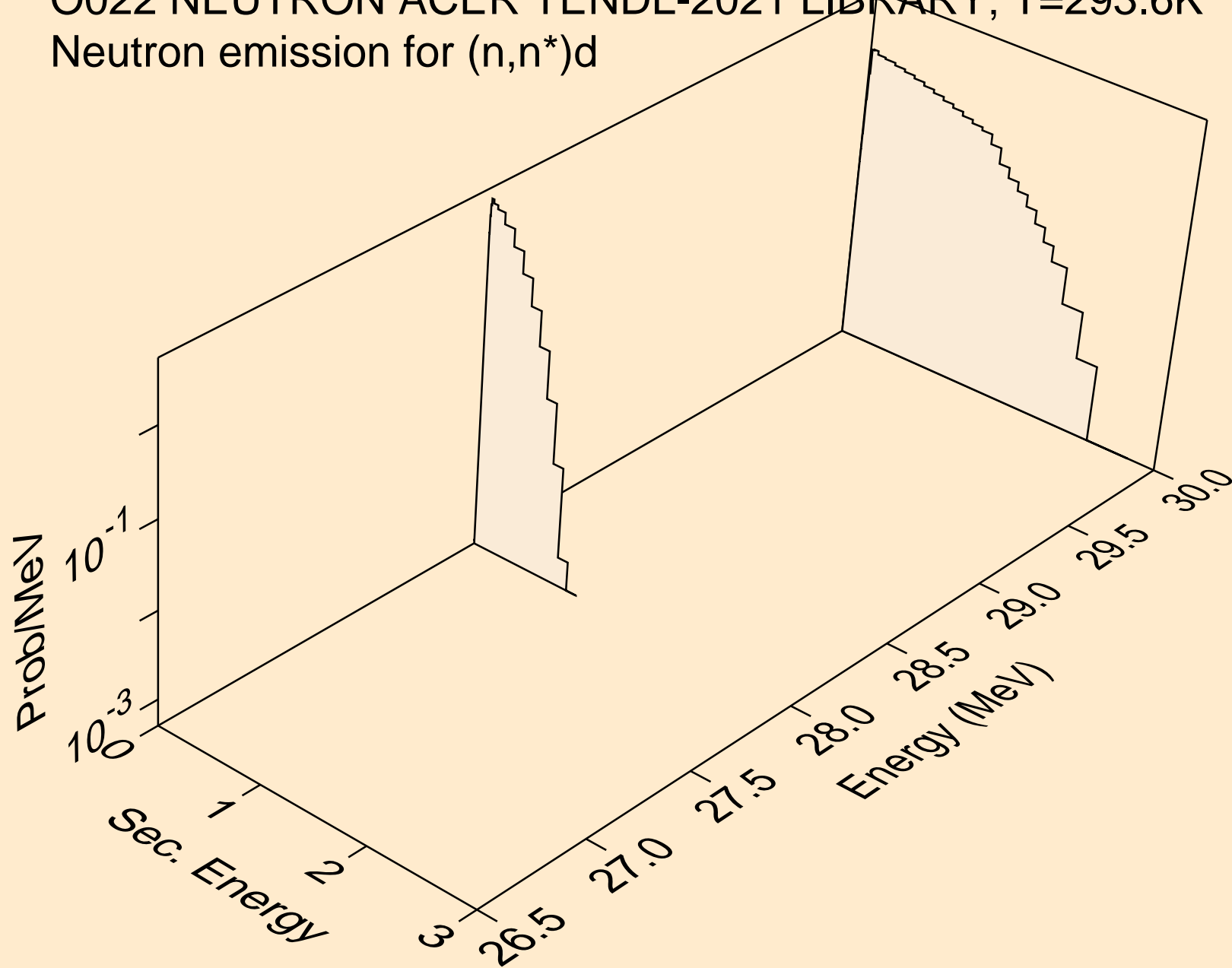
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Neutron emission for (n,3n)a



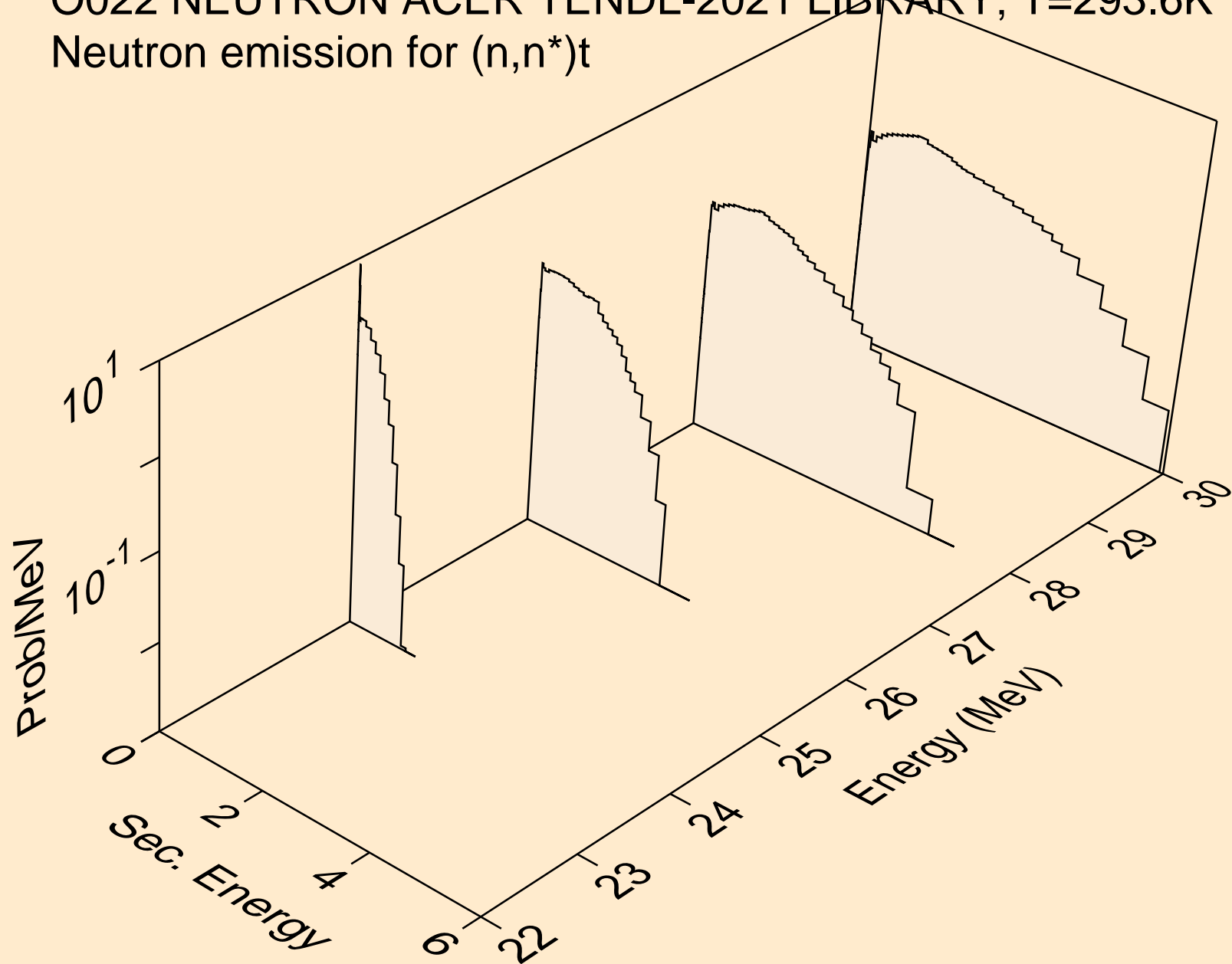
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



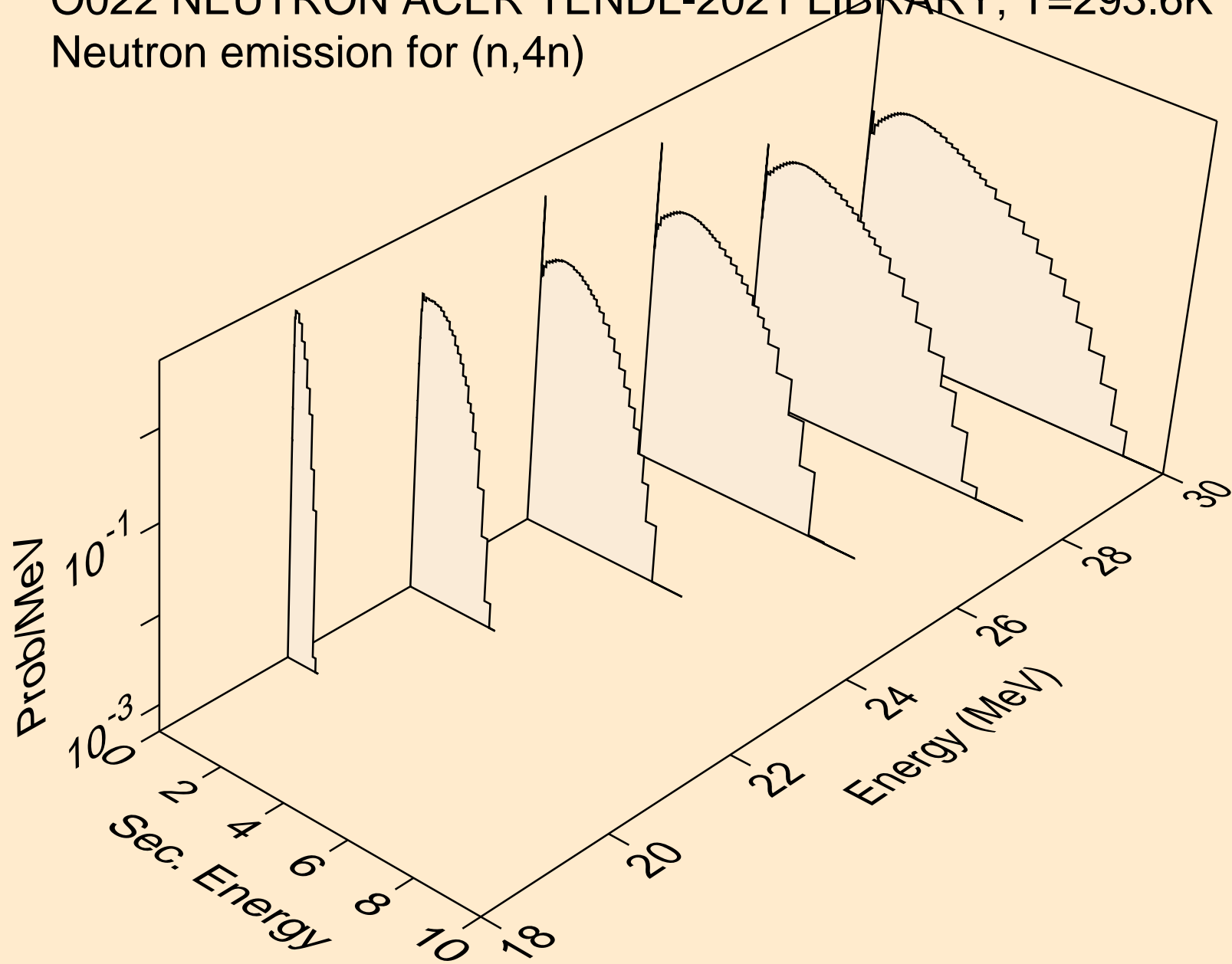
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

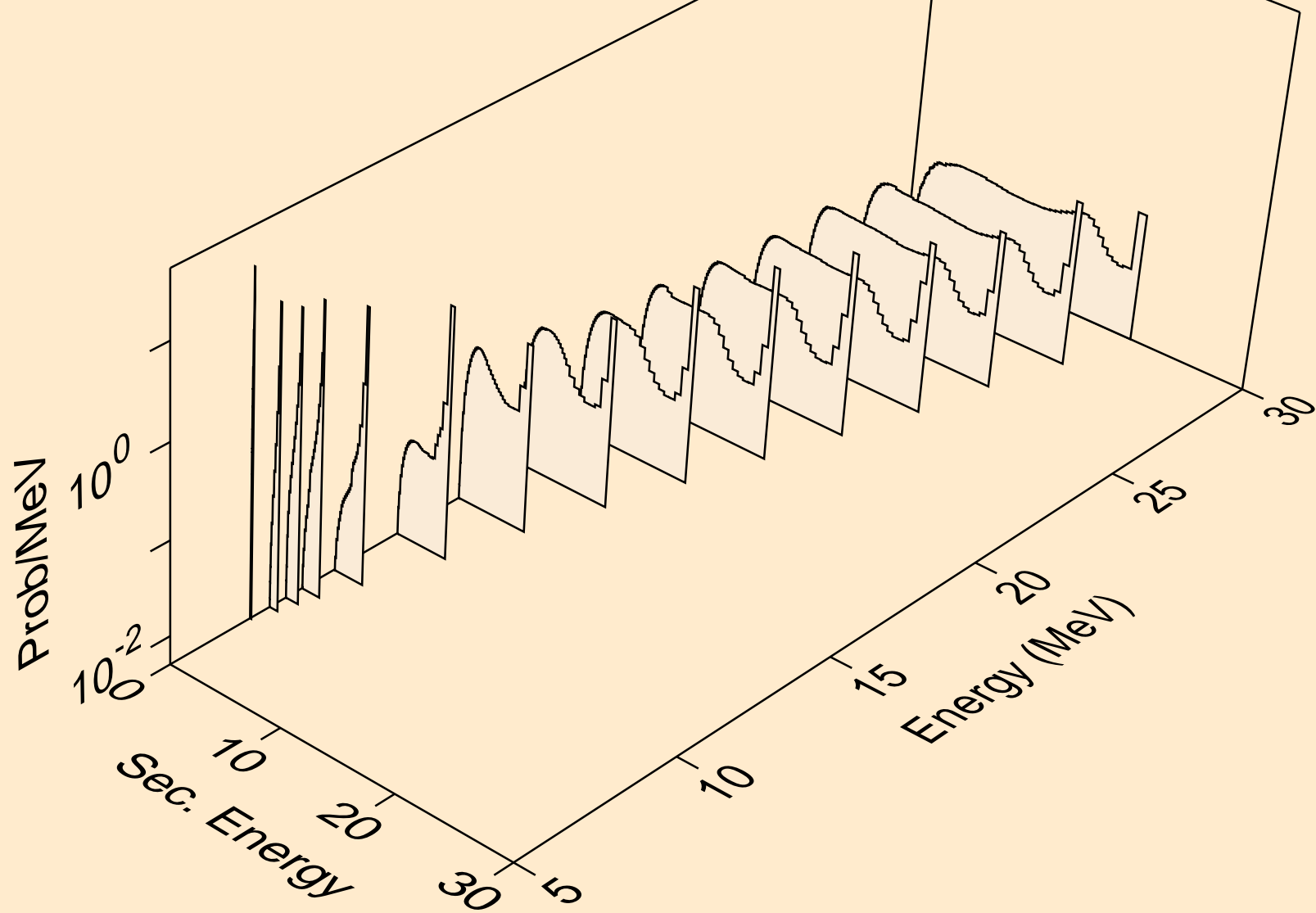


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Neutron emission for (n,4n)

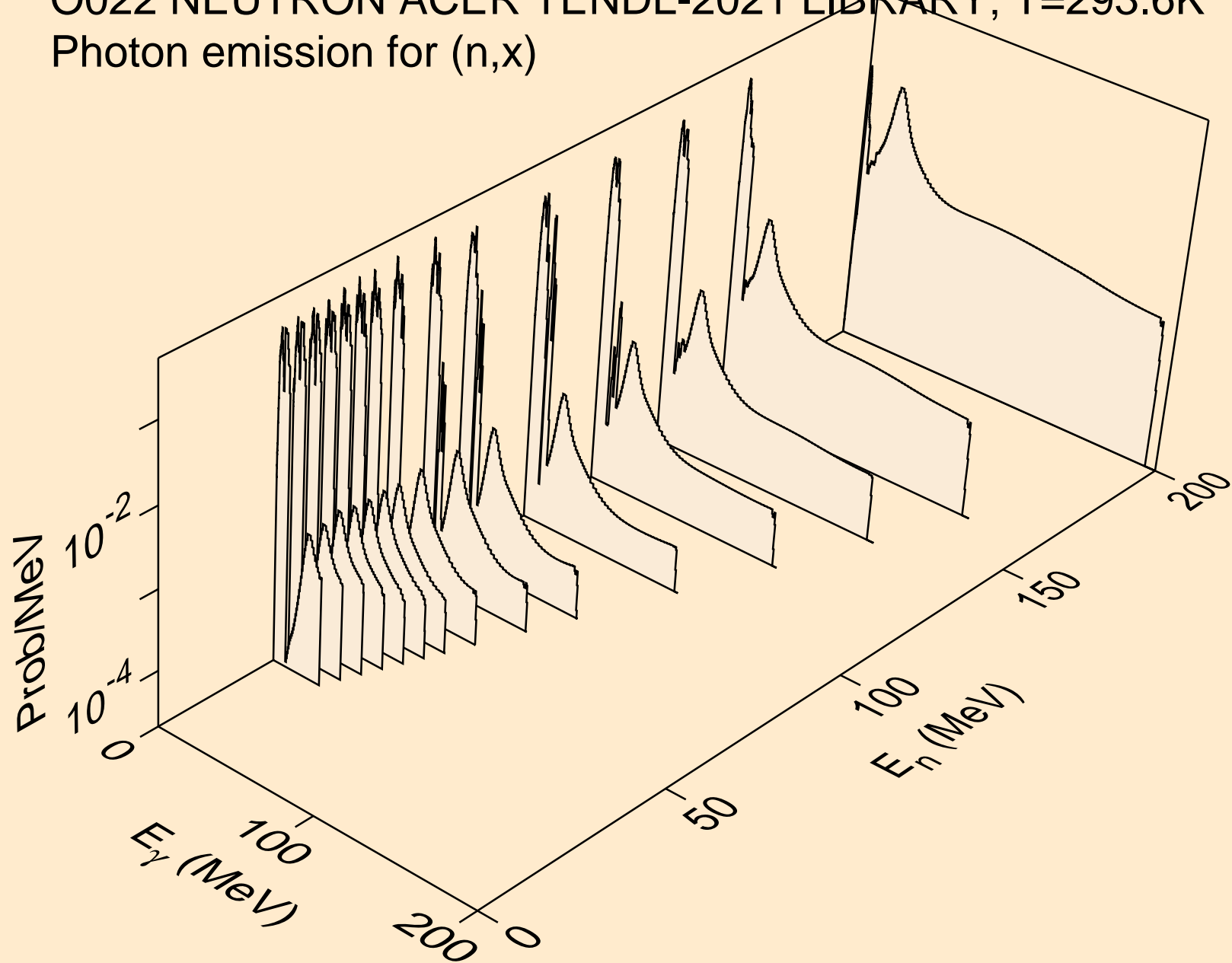




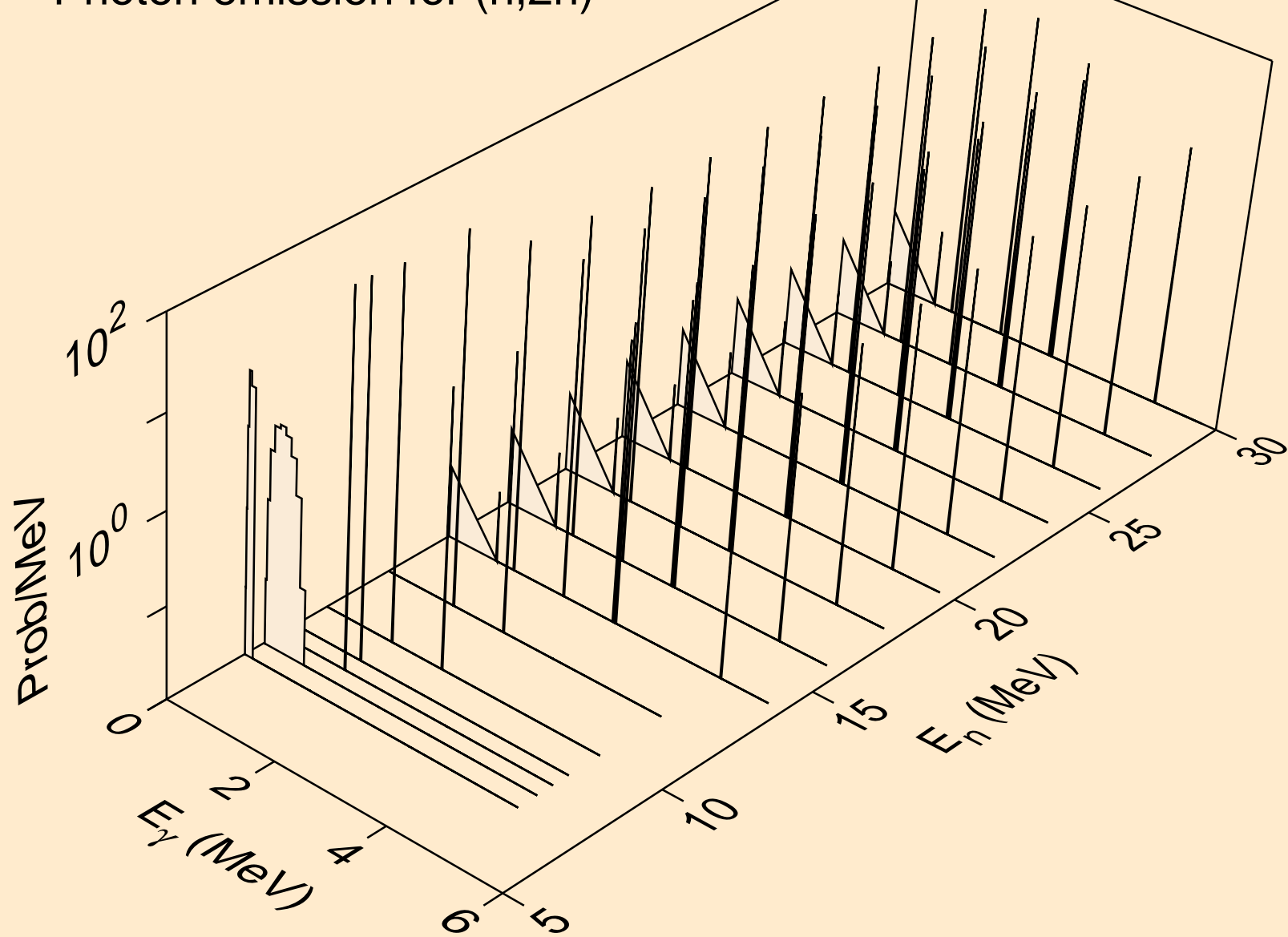
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Neutron emission for (n,n\*c)



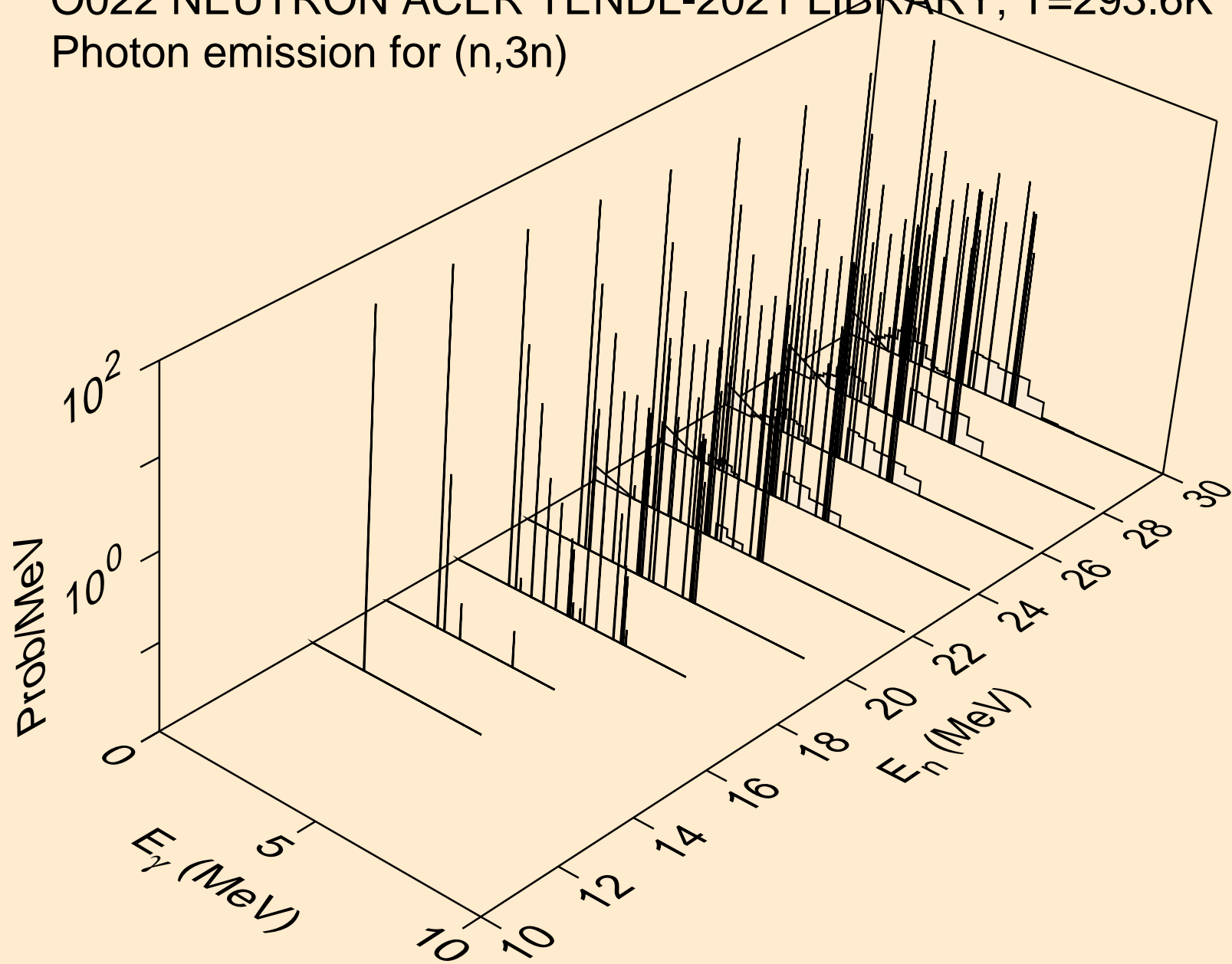
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Photon emission for (n,x)



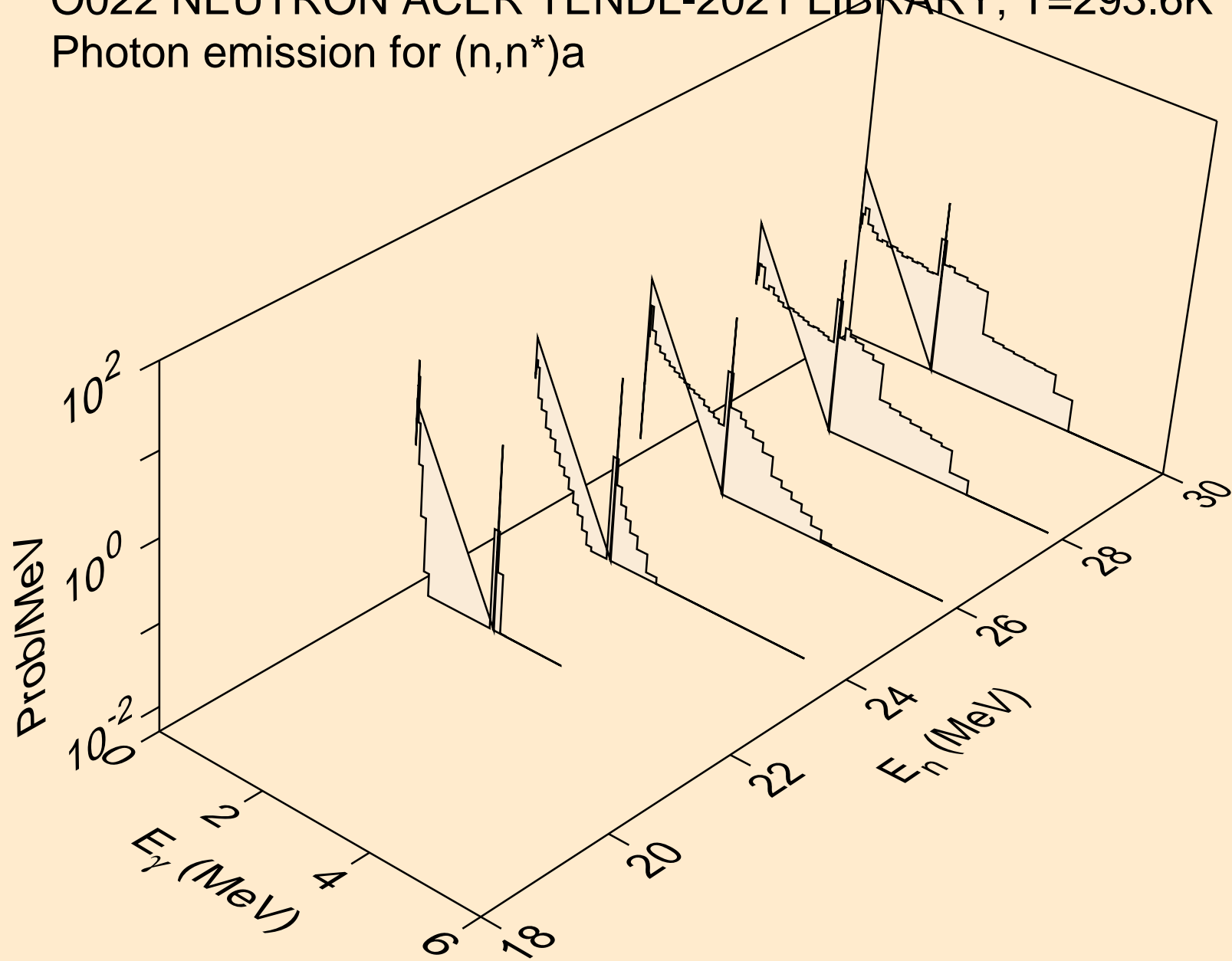
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Photon emission for (n,2n)



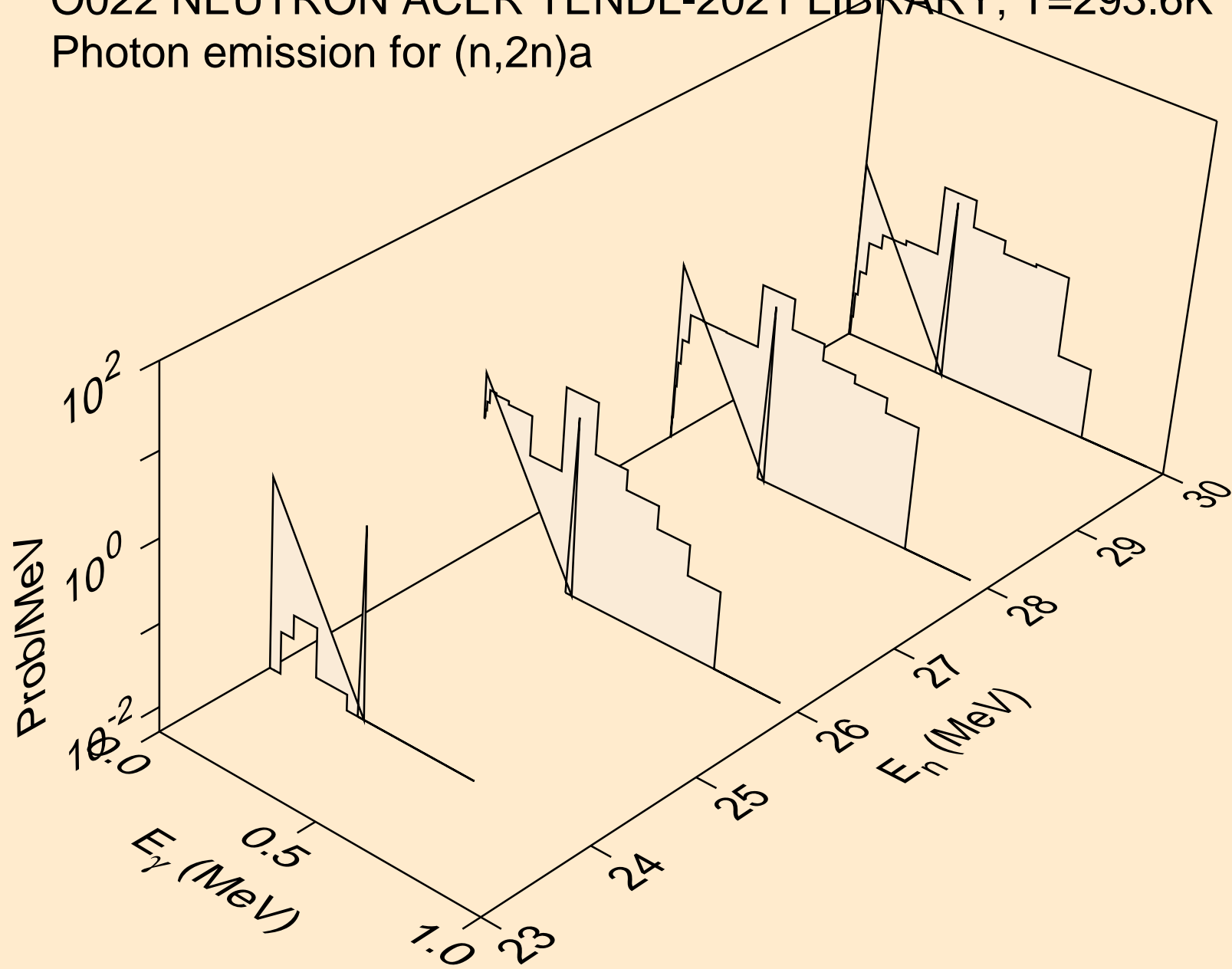
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Photon emission for (n,3n)



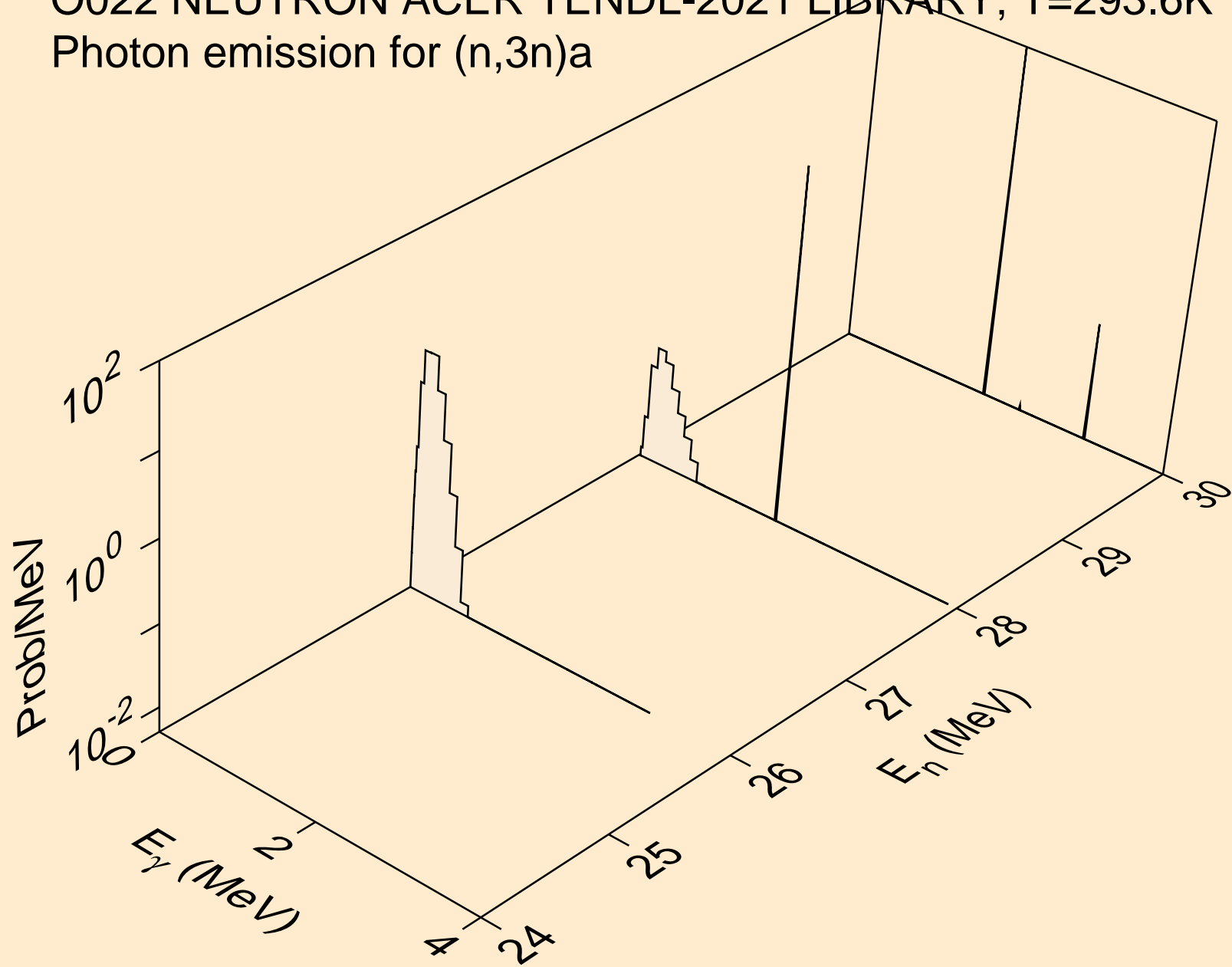
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Photon emission for (n,n\*)a



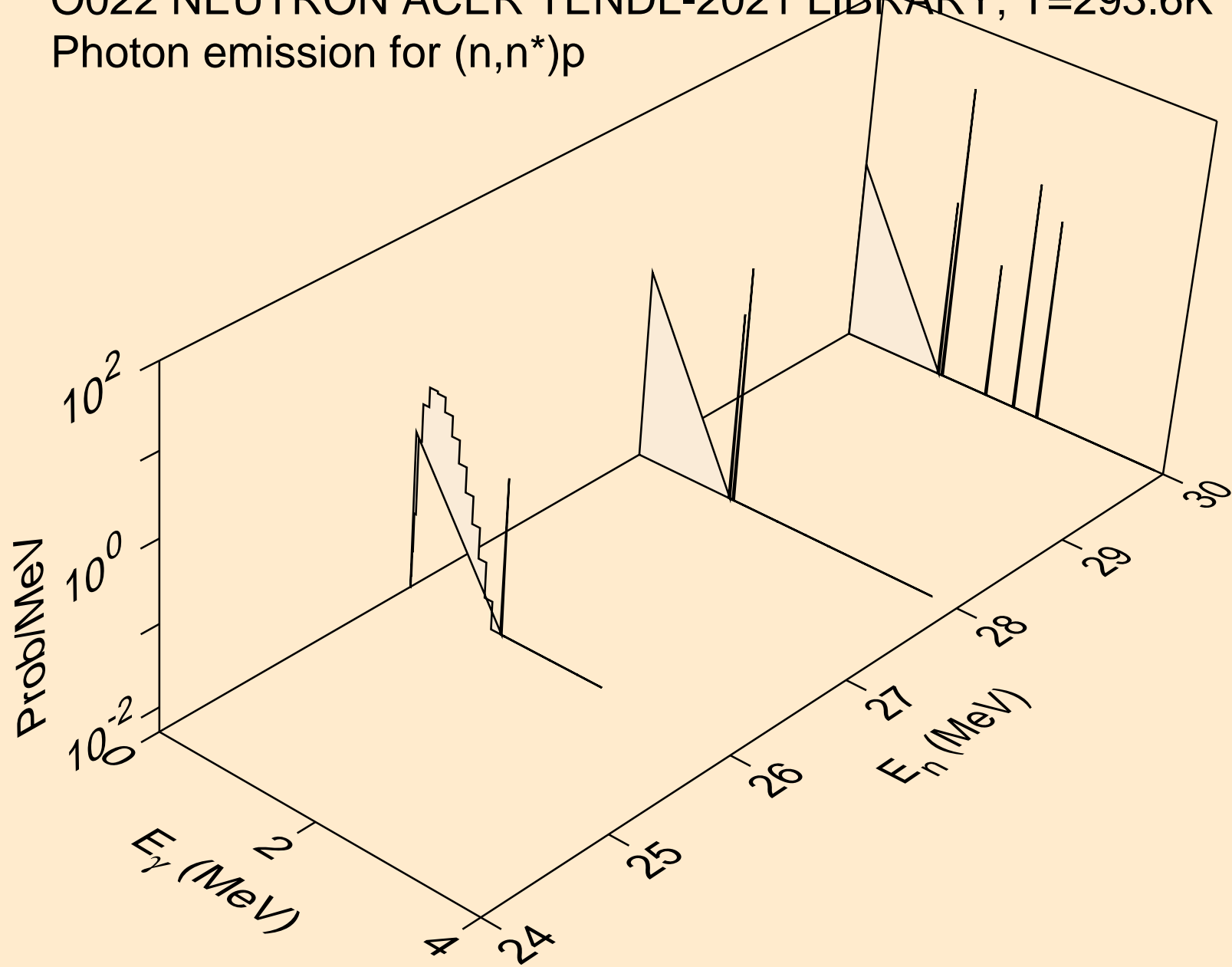
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a

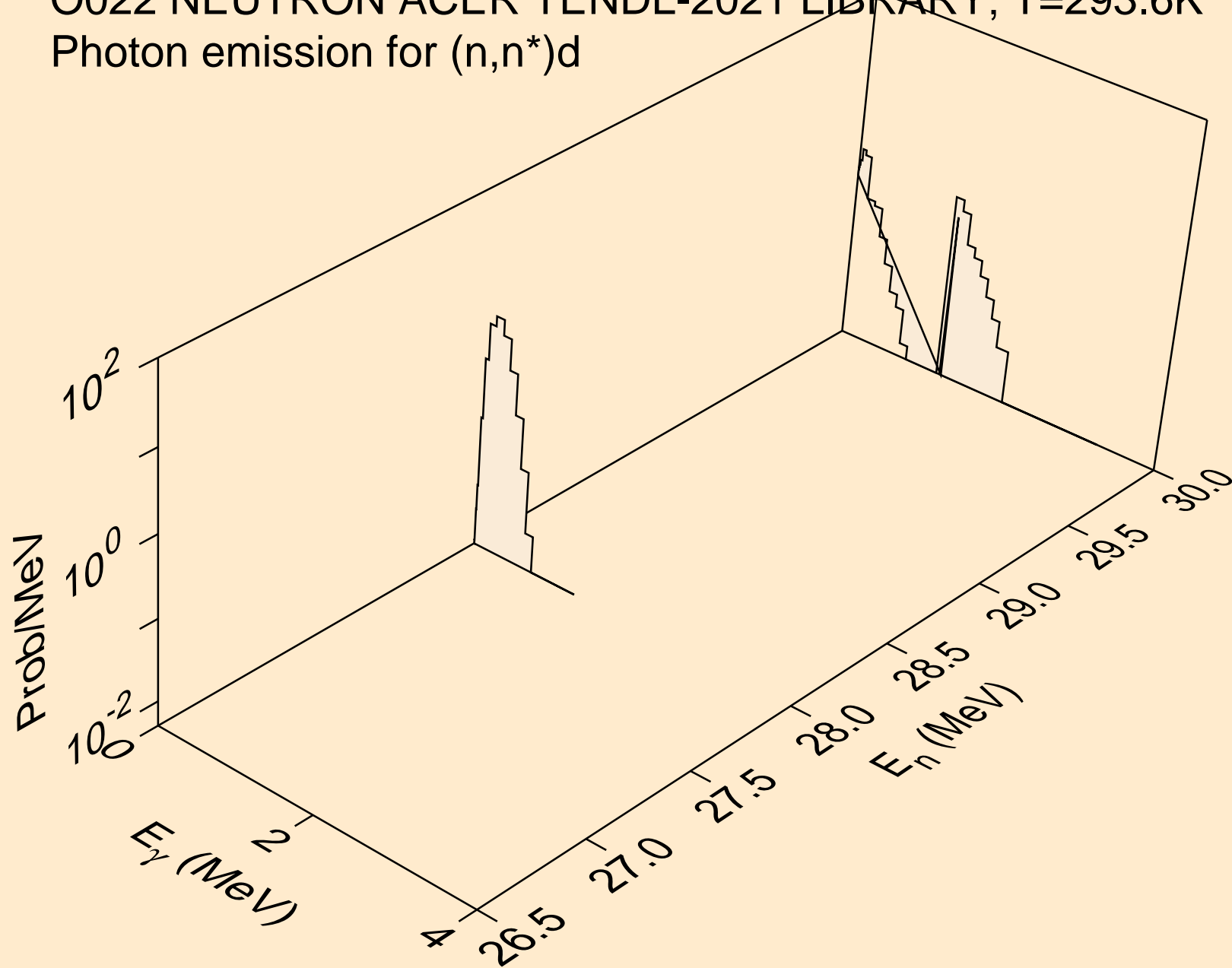


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Photon emission for (n,n\*)p

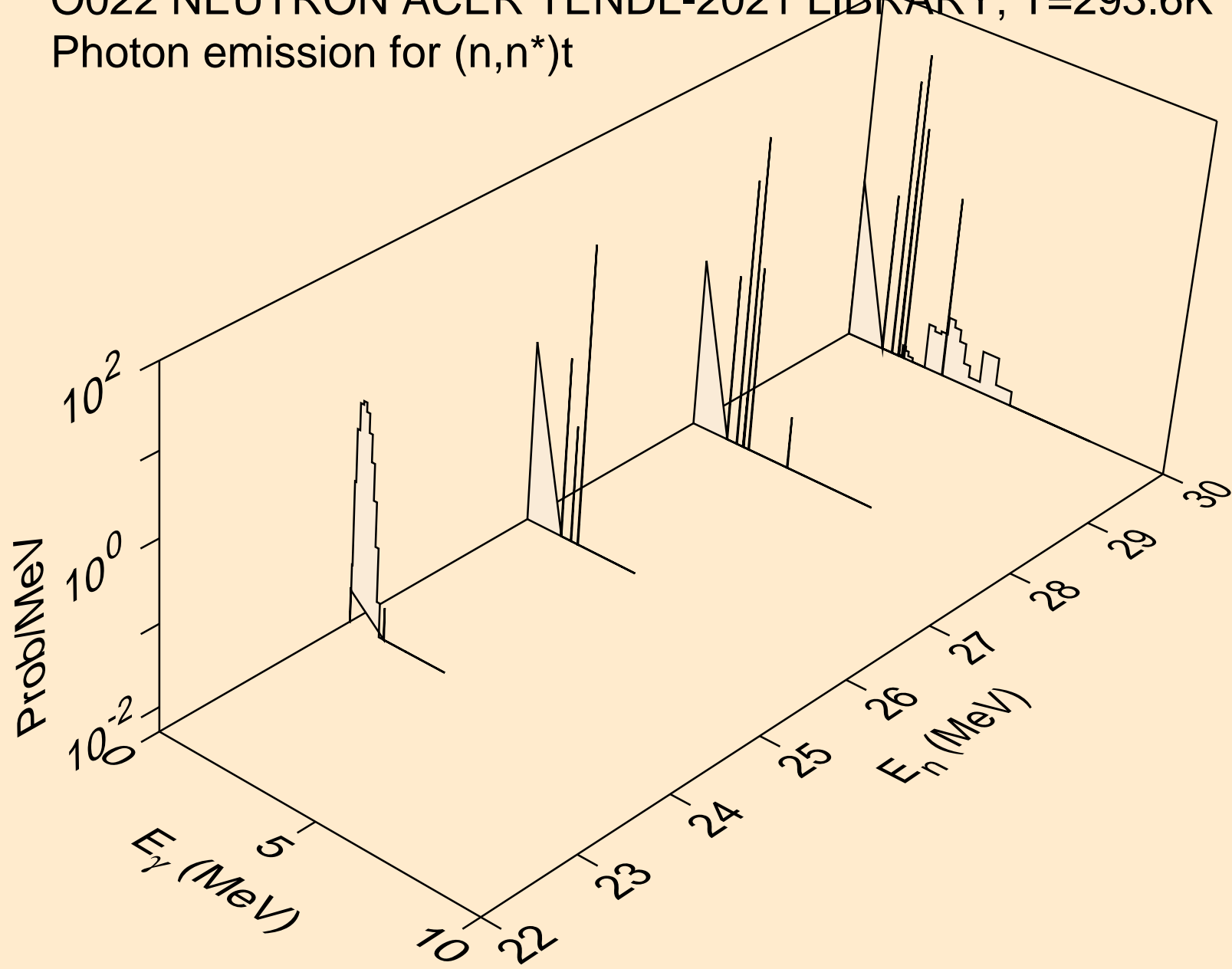




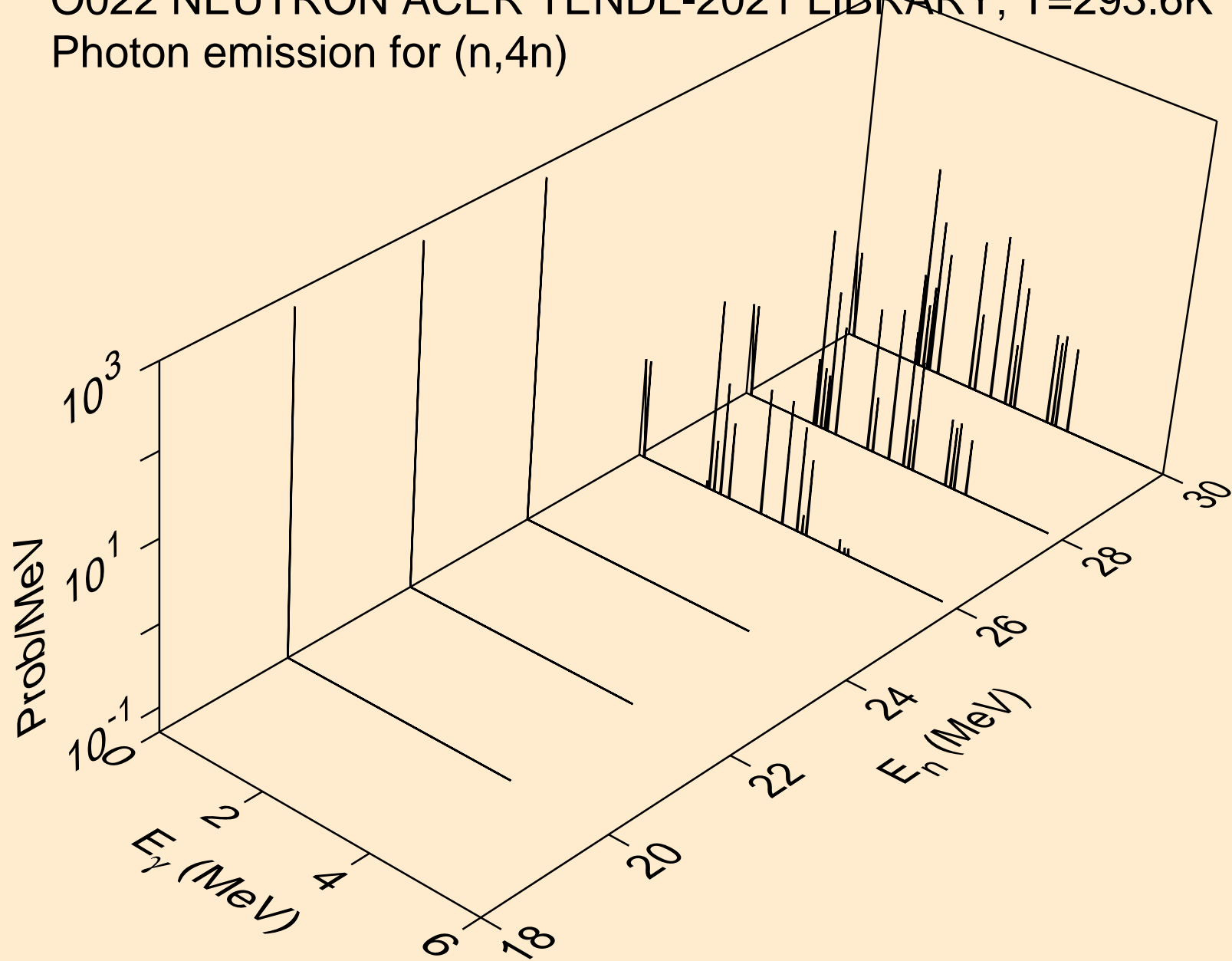
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Photon emission for (n,n\*)d



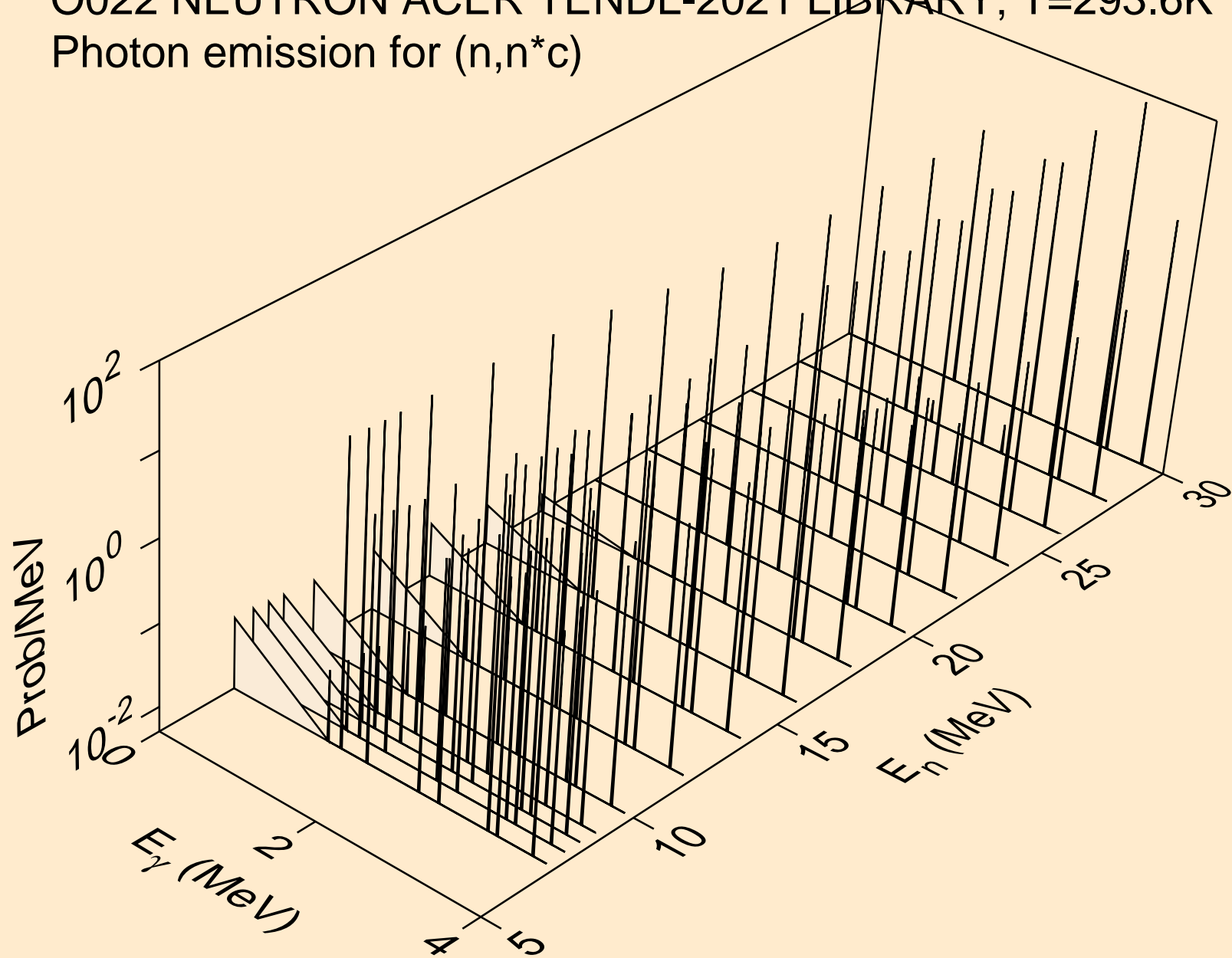
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Photon emission for (n,n\*)t



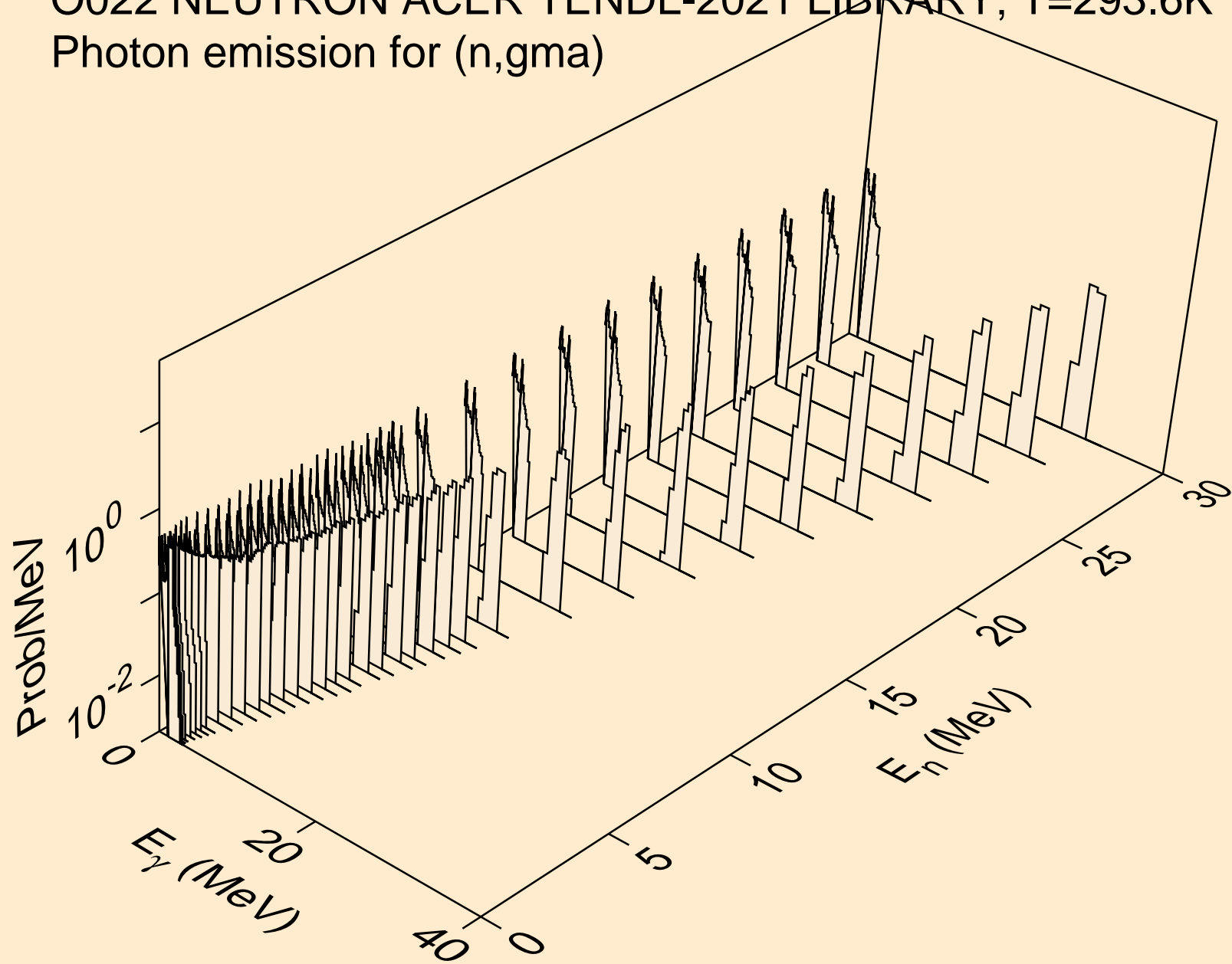
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Photon emission for (n,4n)



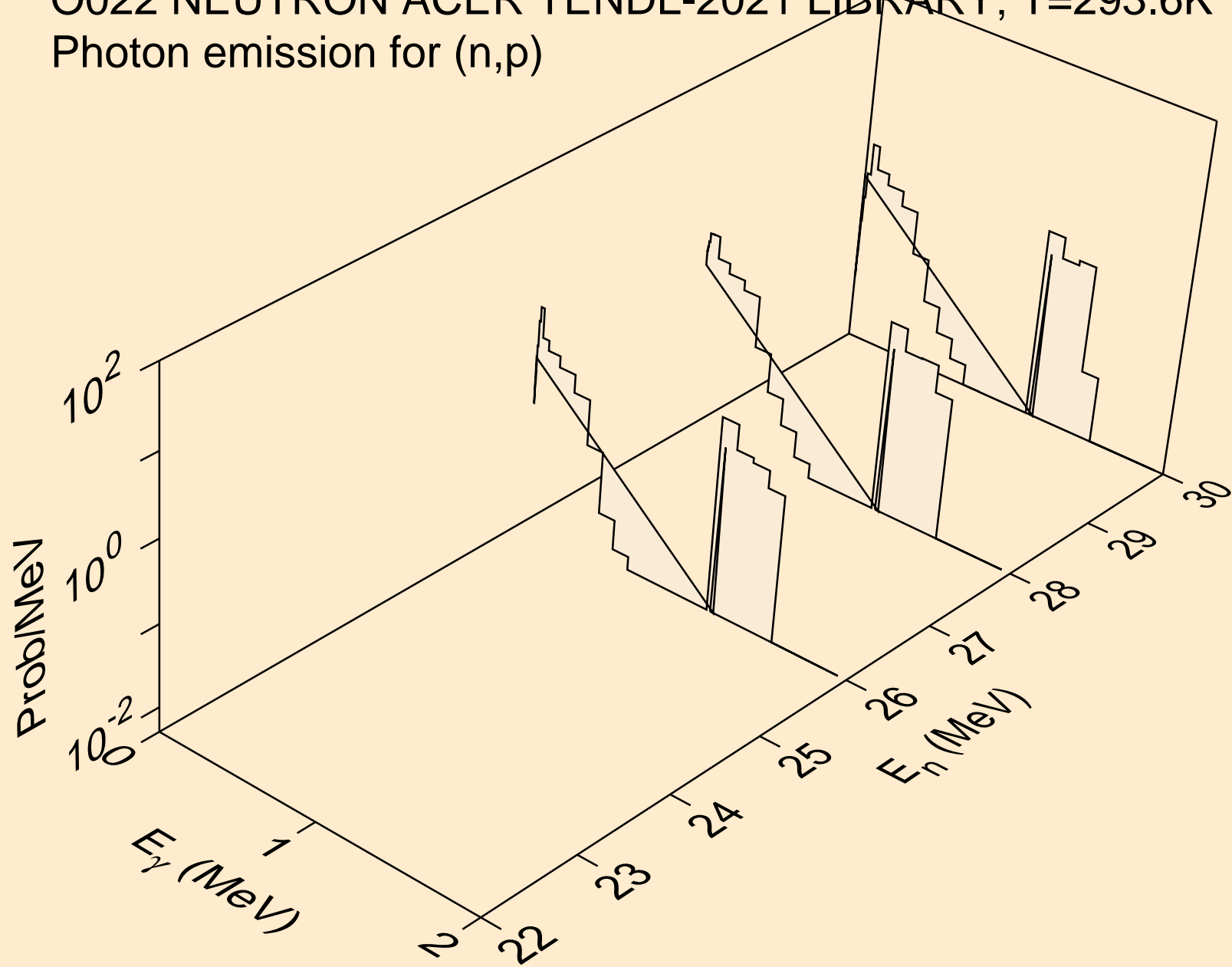
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Photon emission for (n,n\*c)



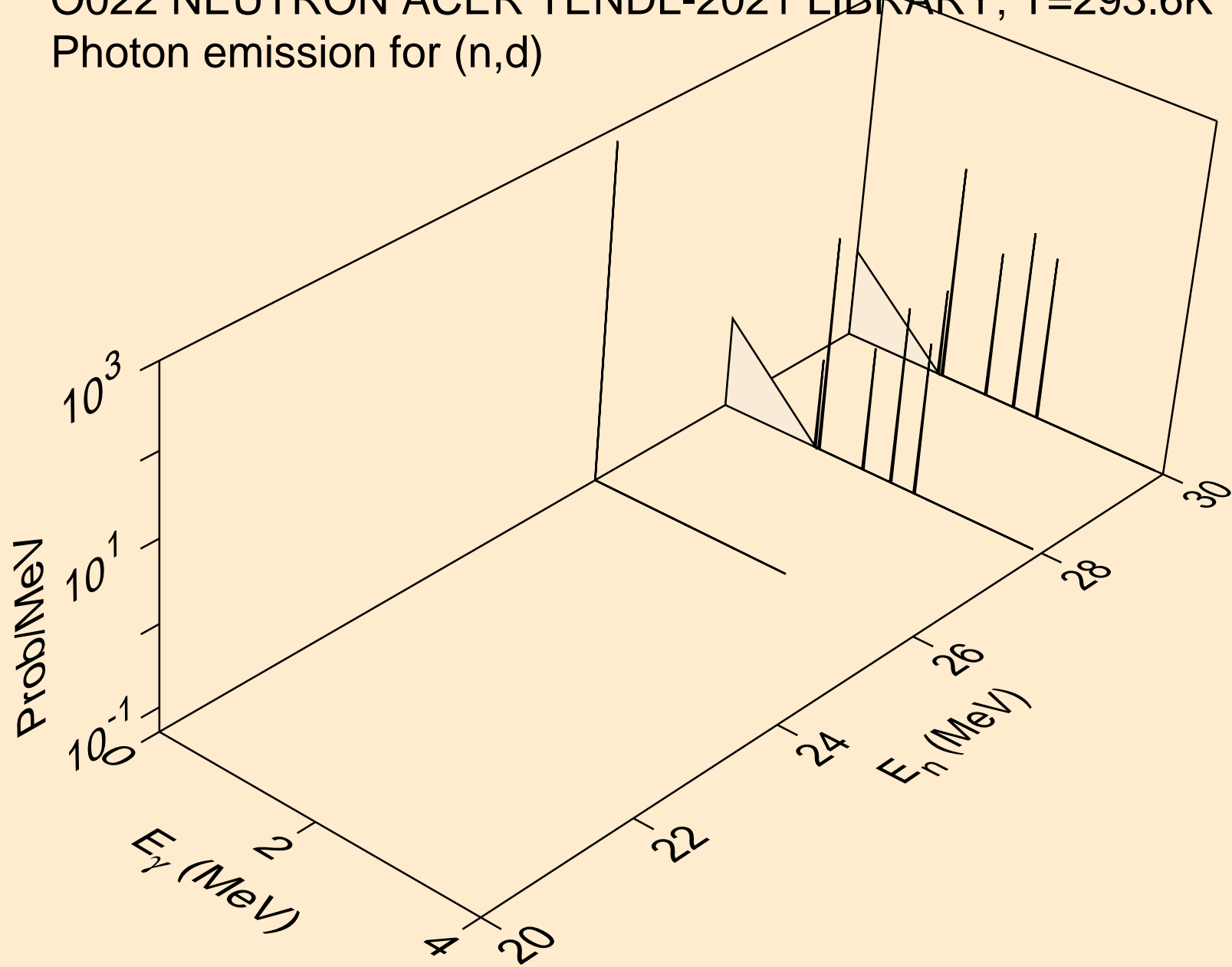
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Photon emission for (n,gma)



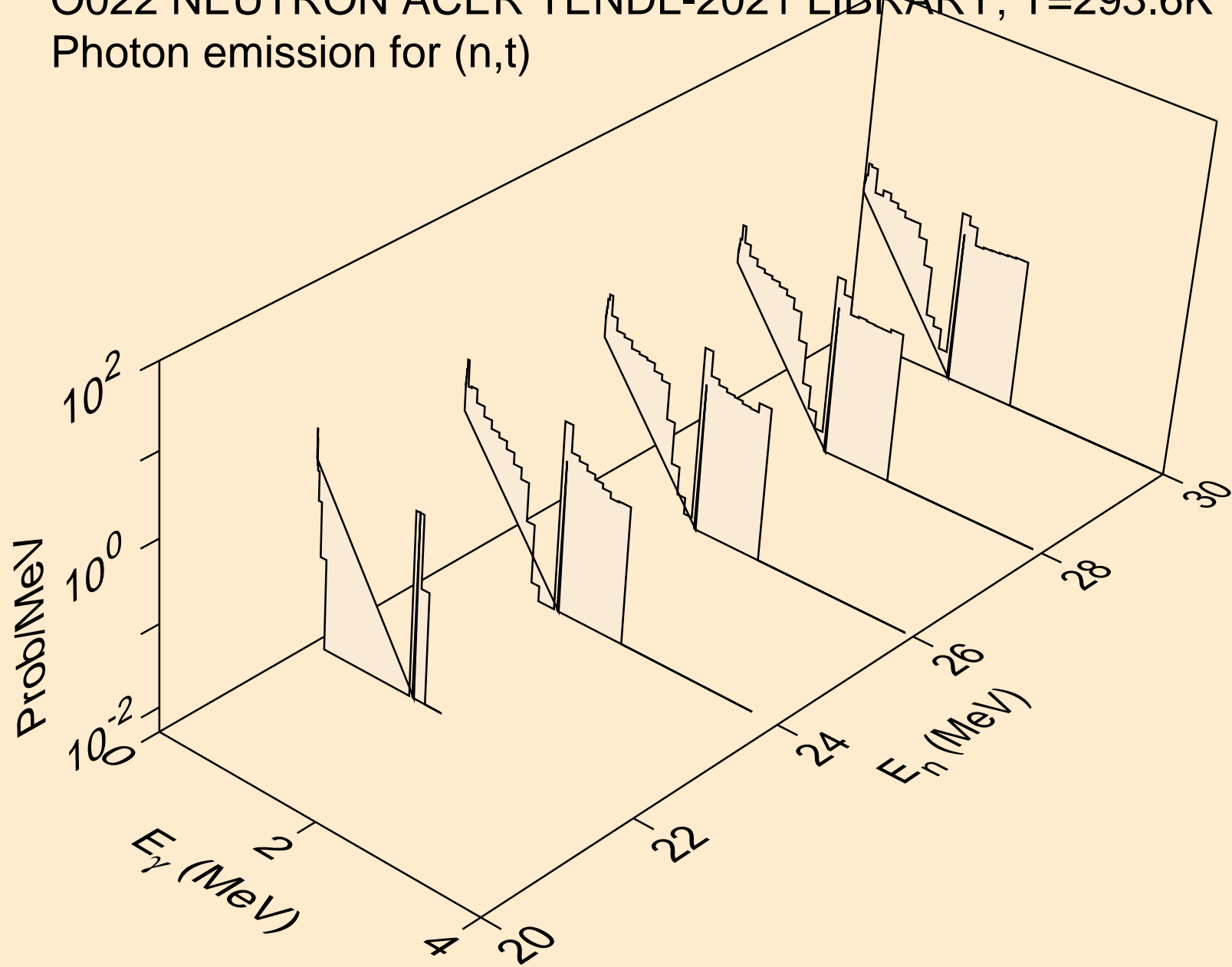
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)

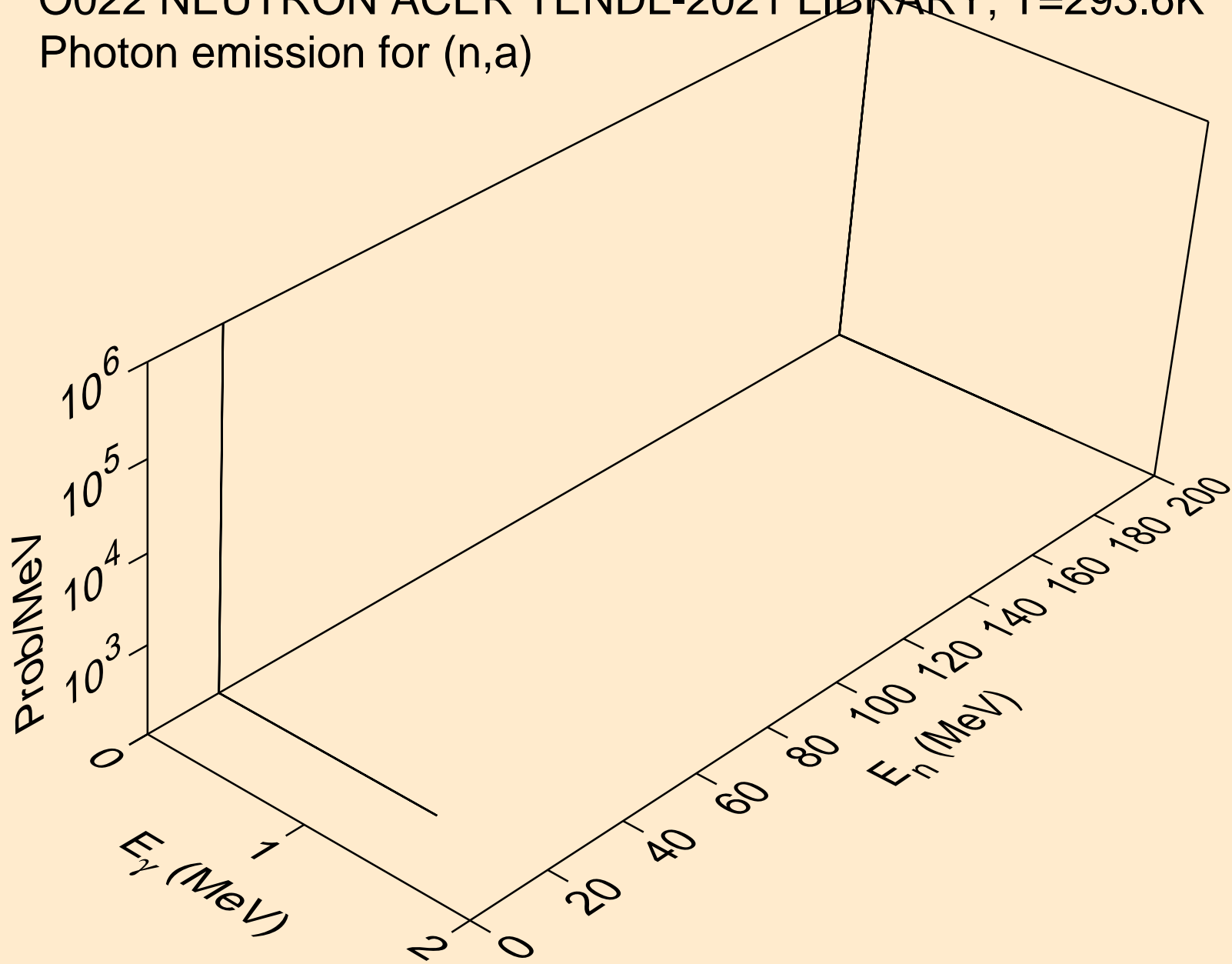


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Photon emission for (n,t)

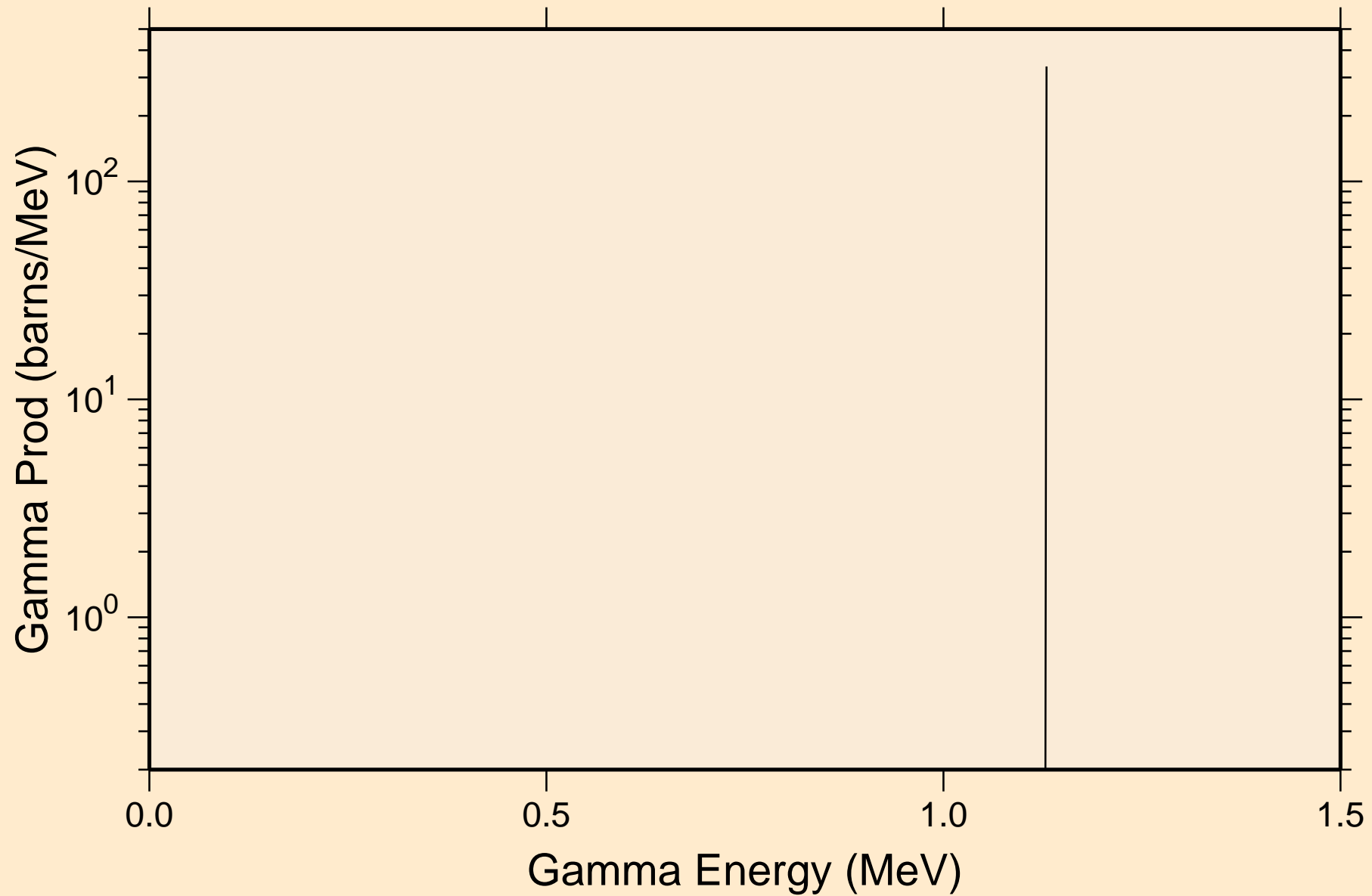




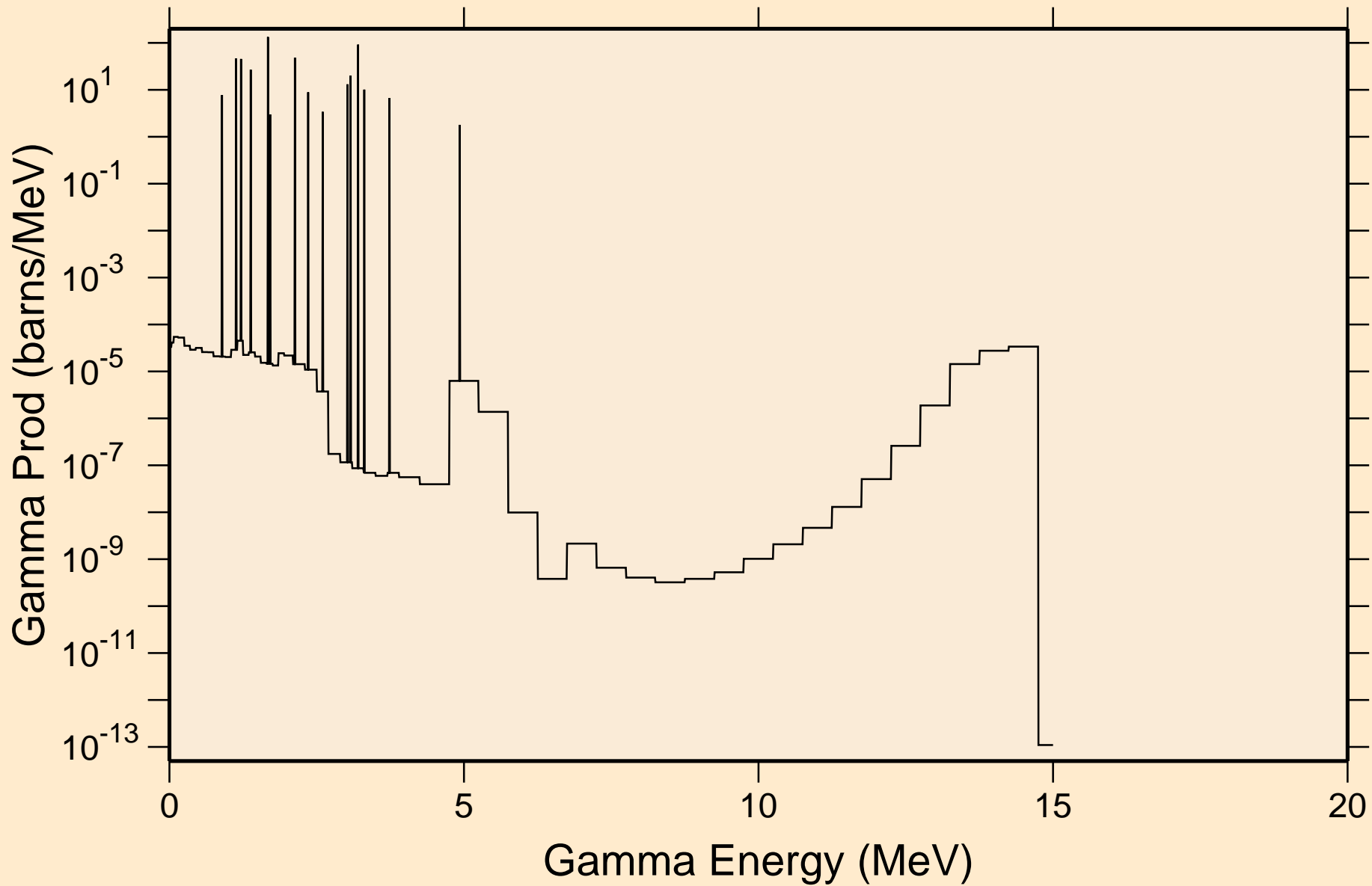
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Photon emission for (n,a)



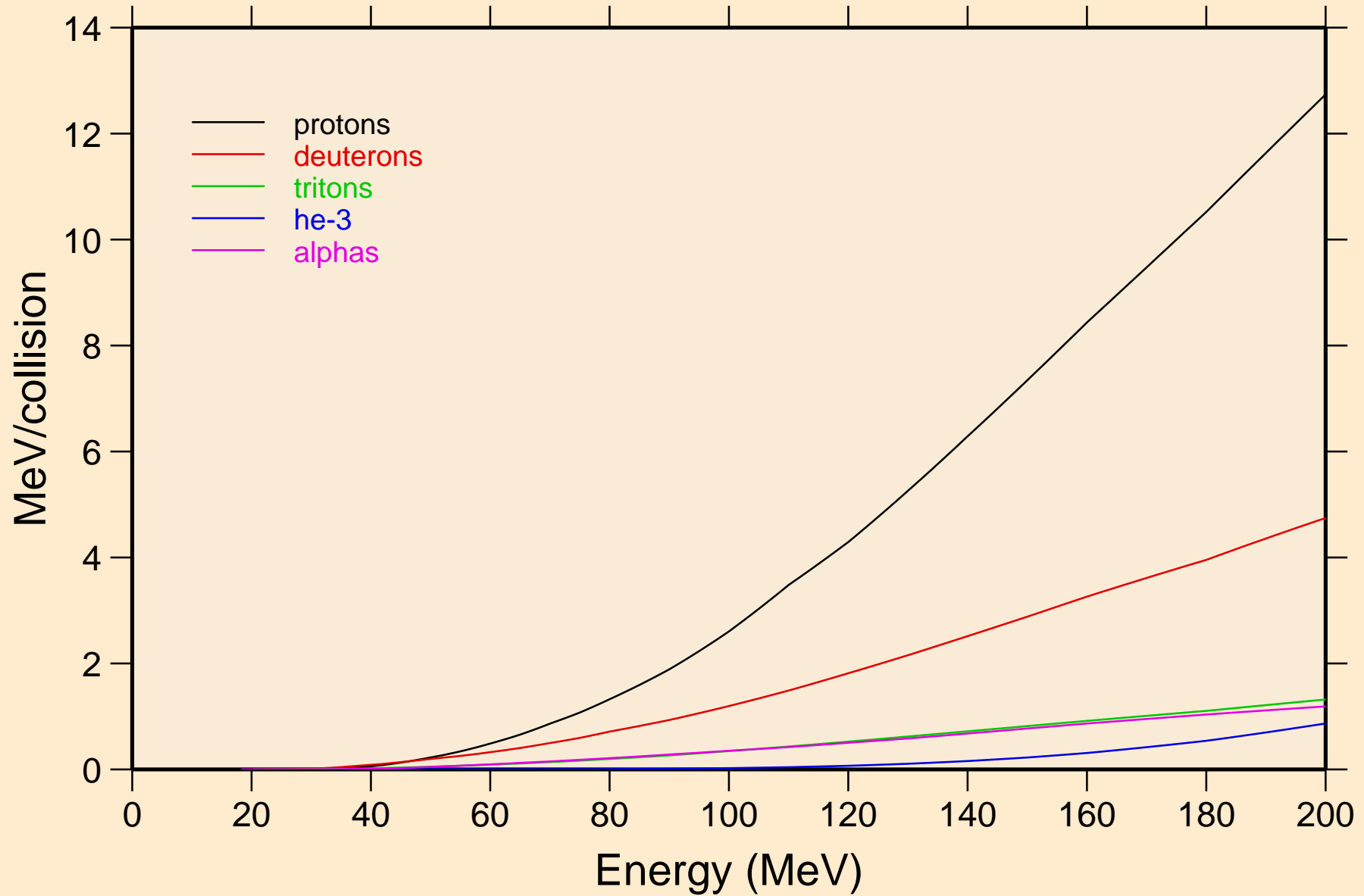
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thermal capture photon spectrum



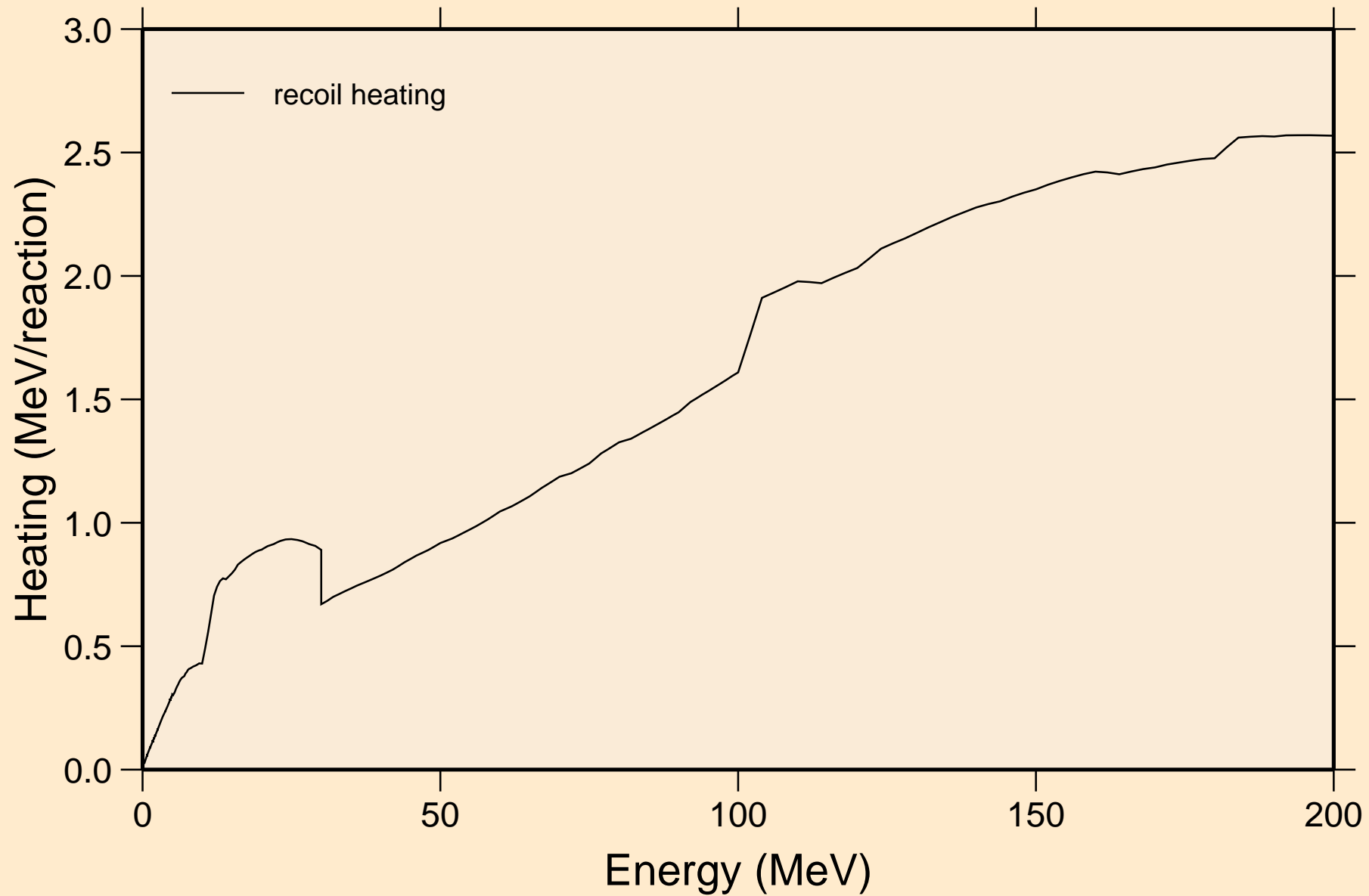
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14 MeV photon spectrum



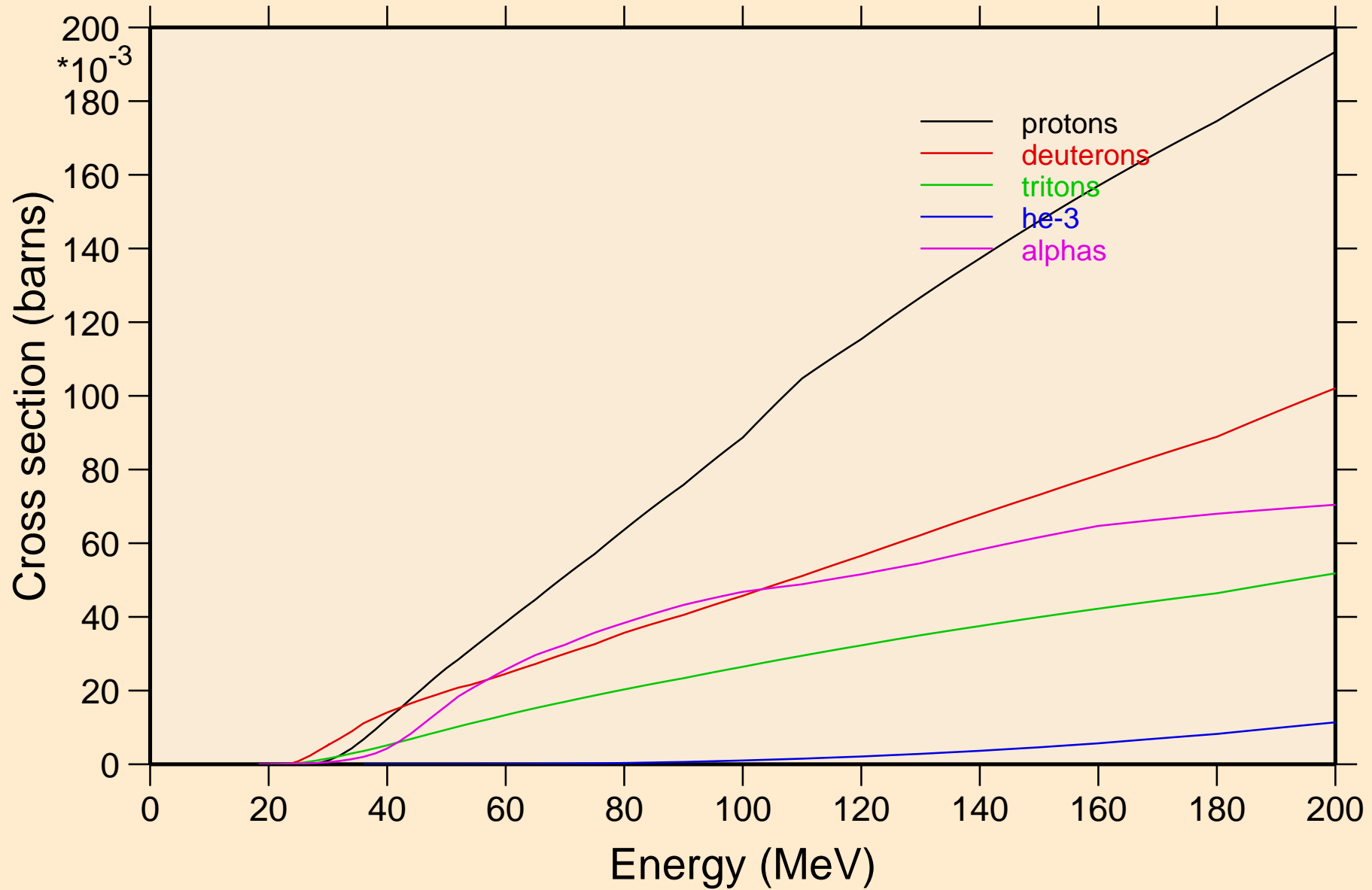
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle heating contributions



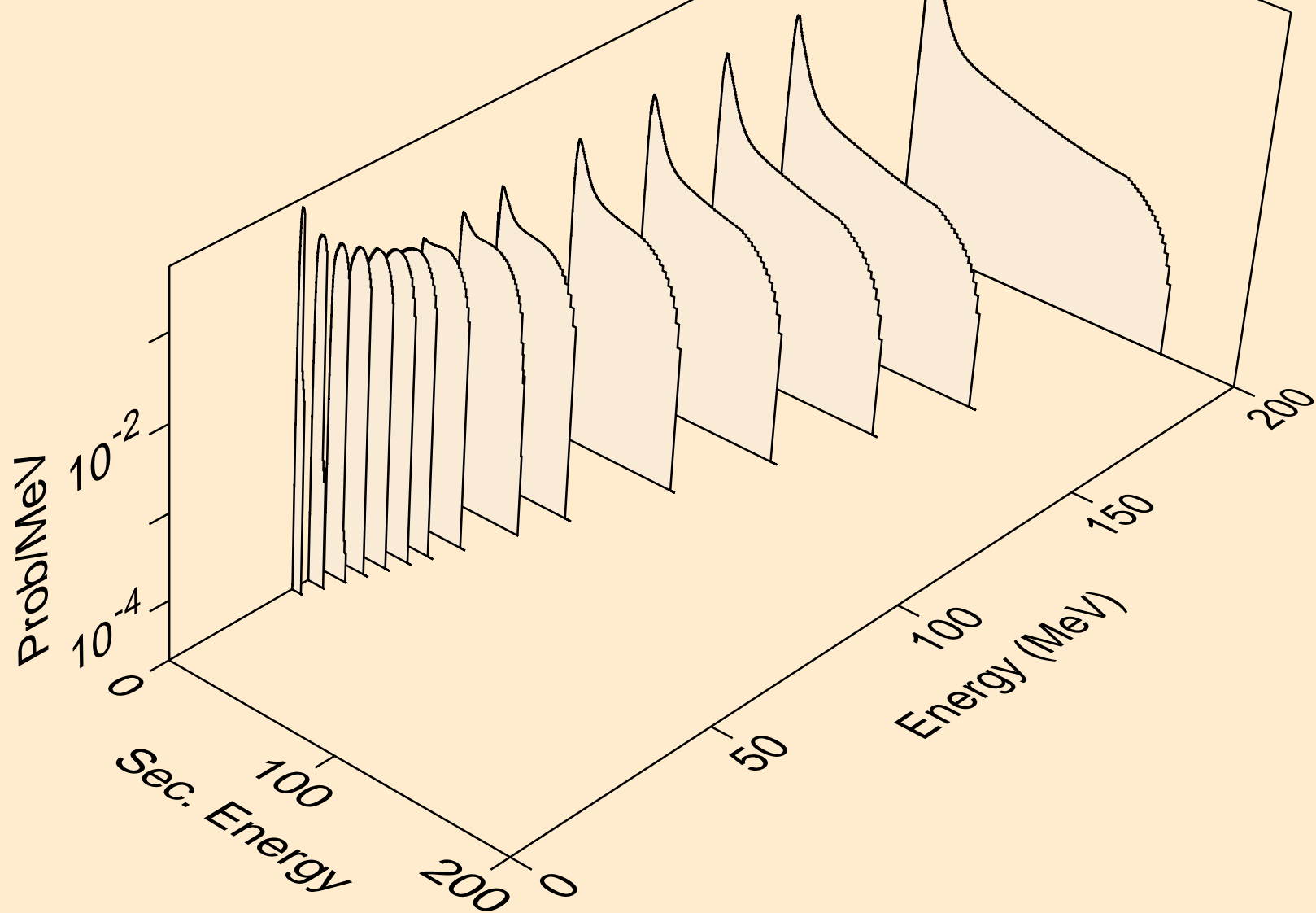
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Recoil Heating



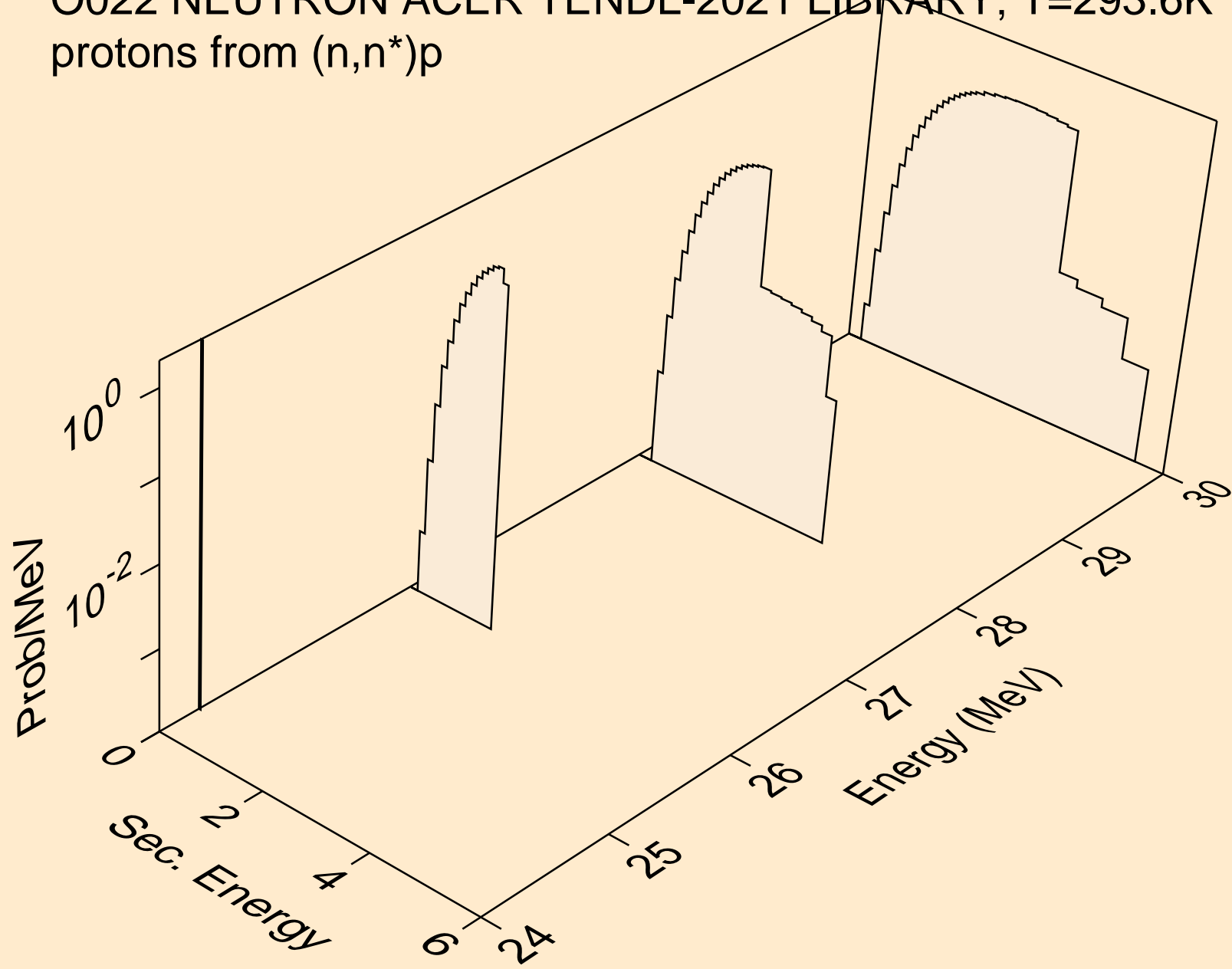
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Particle production cross sections



O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

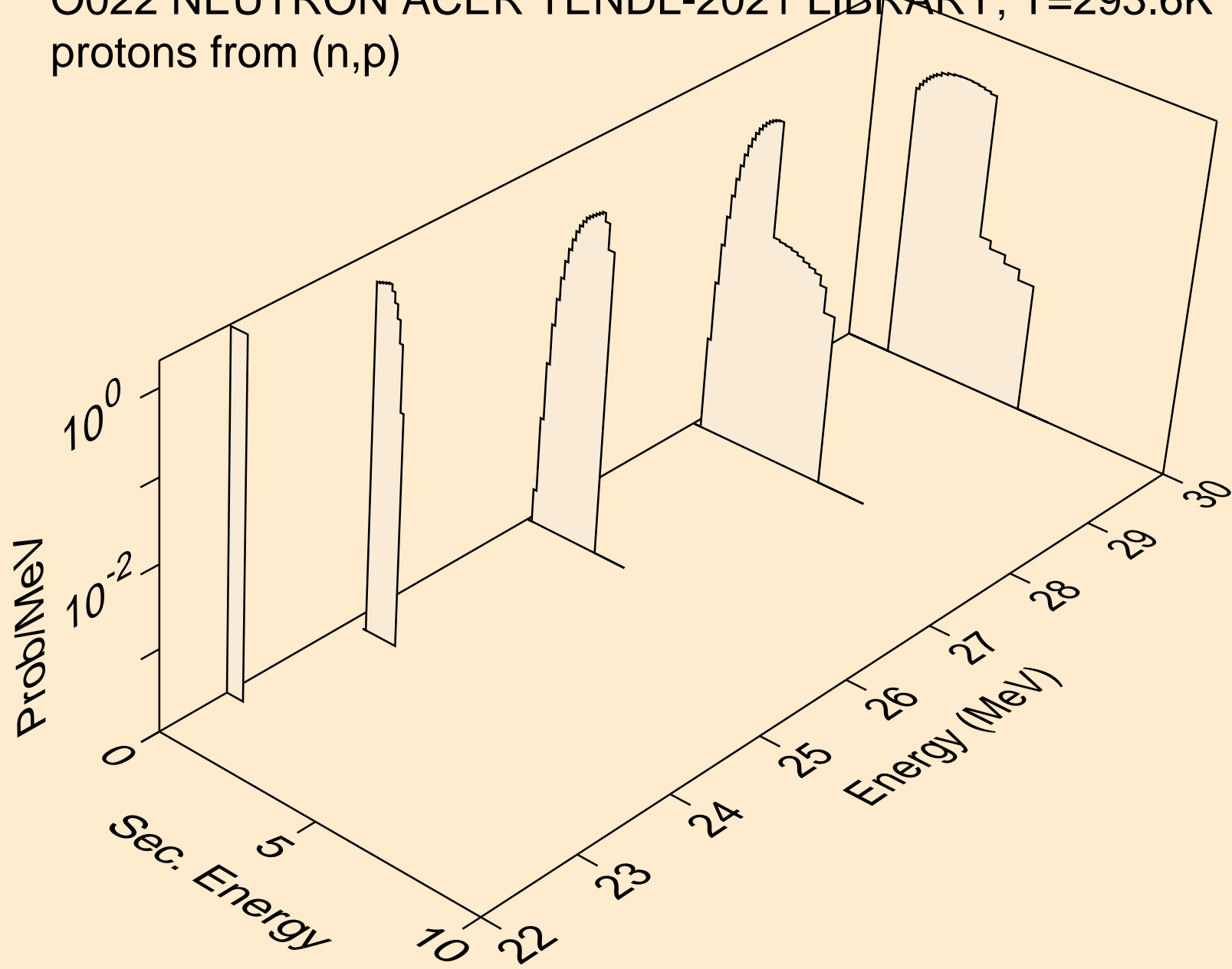


O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

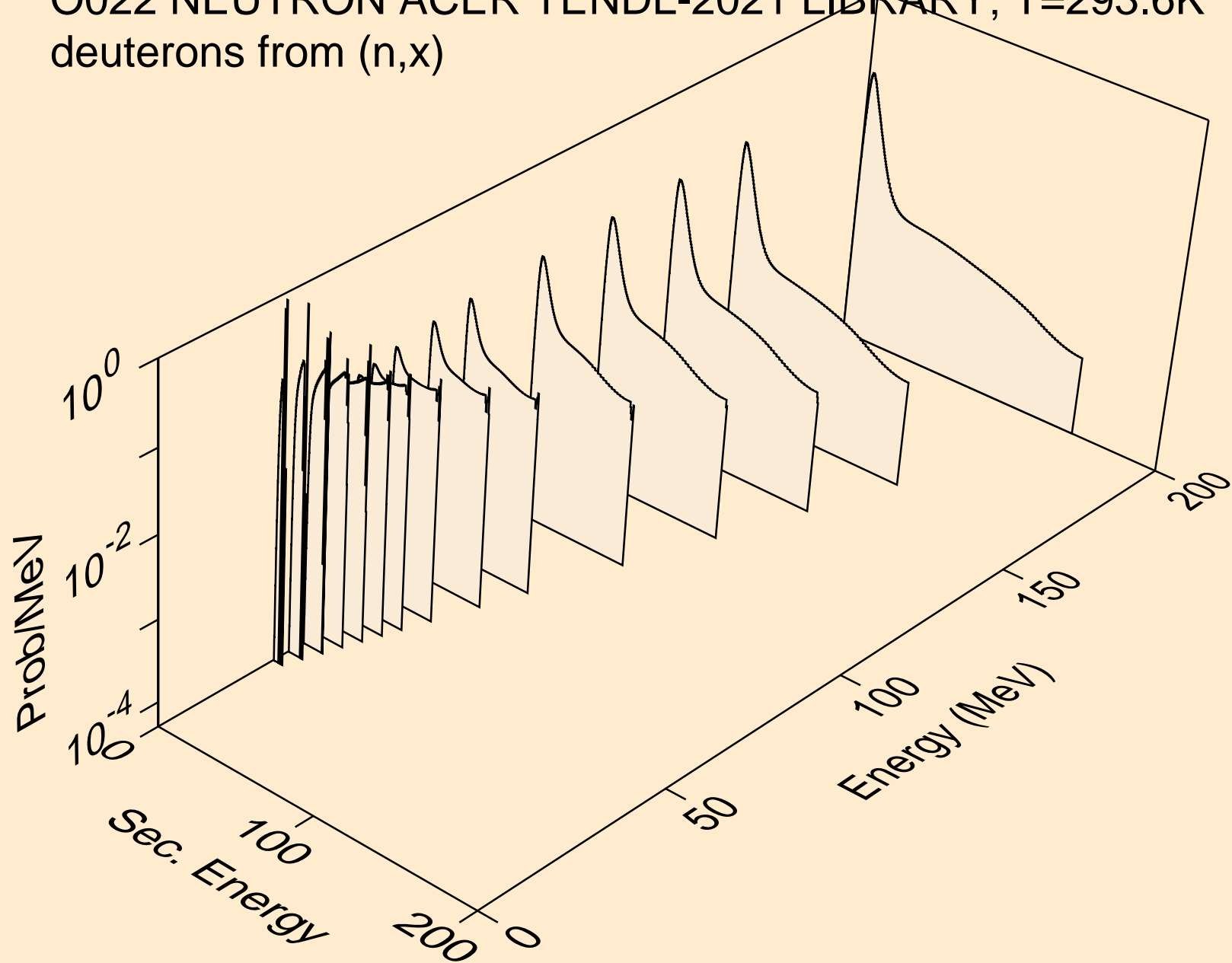




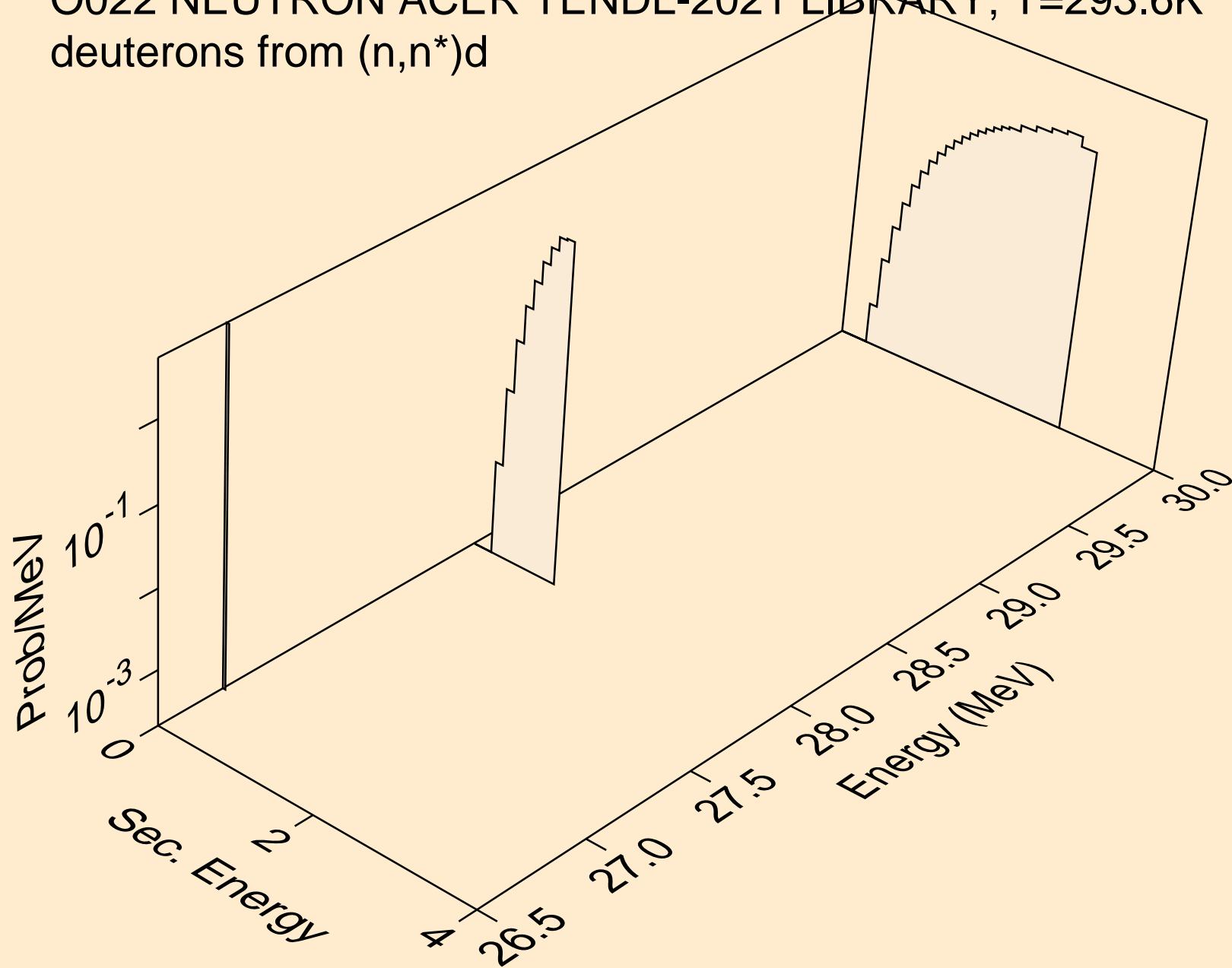
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



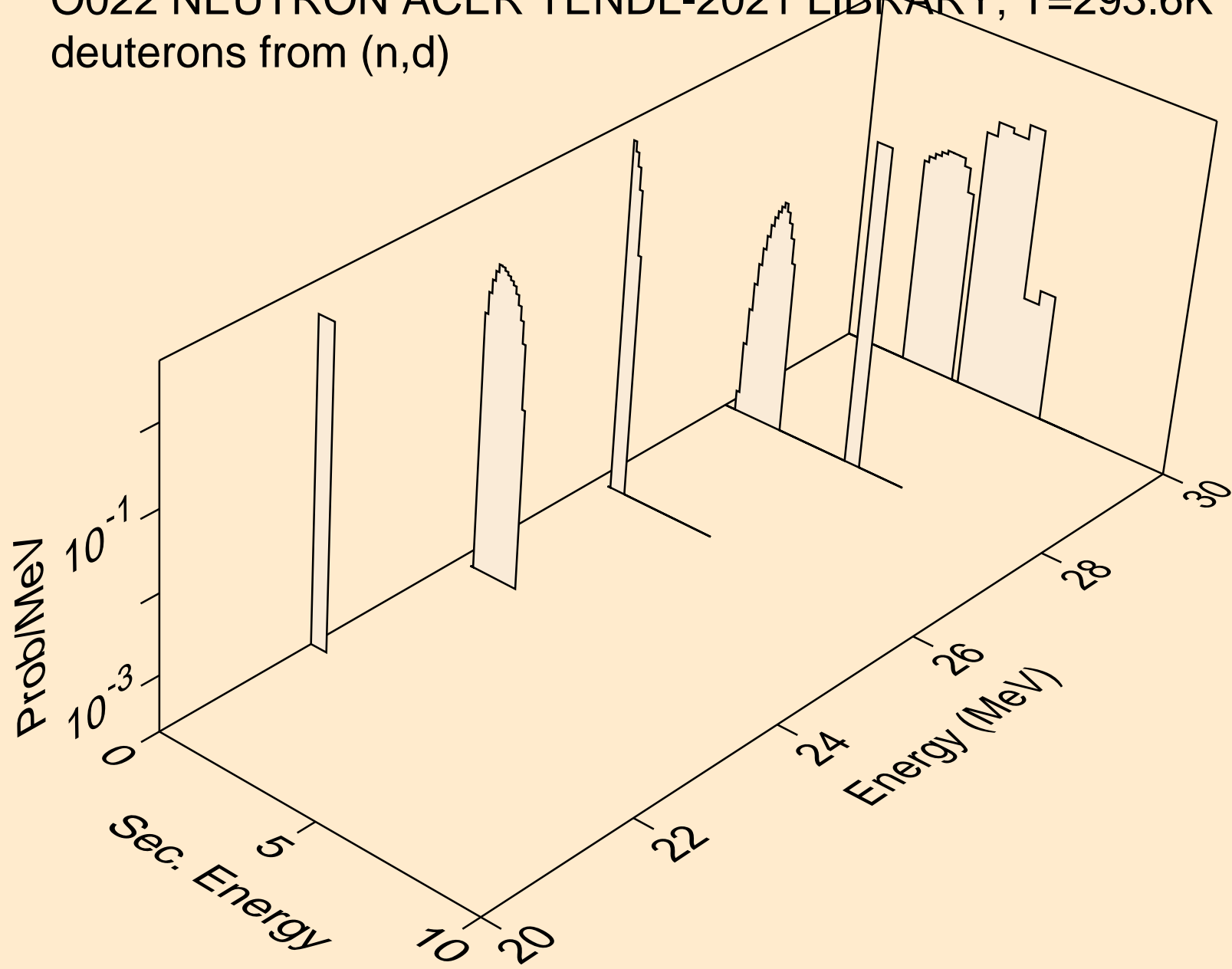
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deuterons from (n,x)



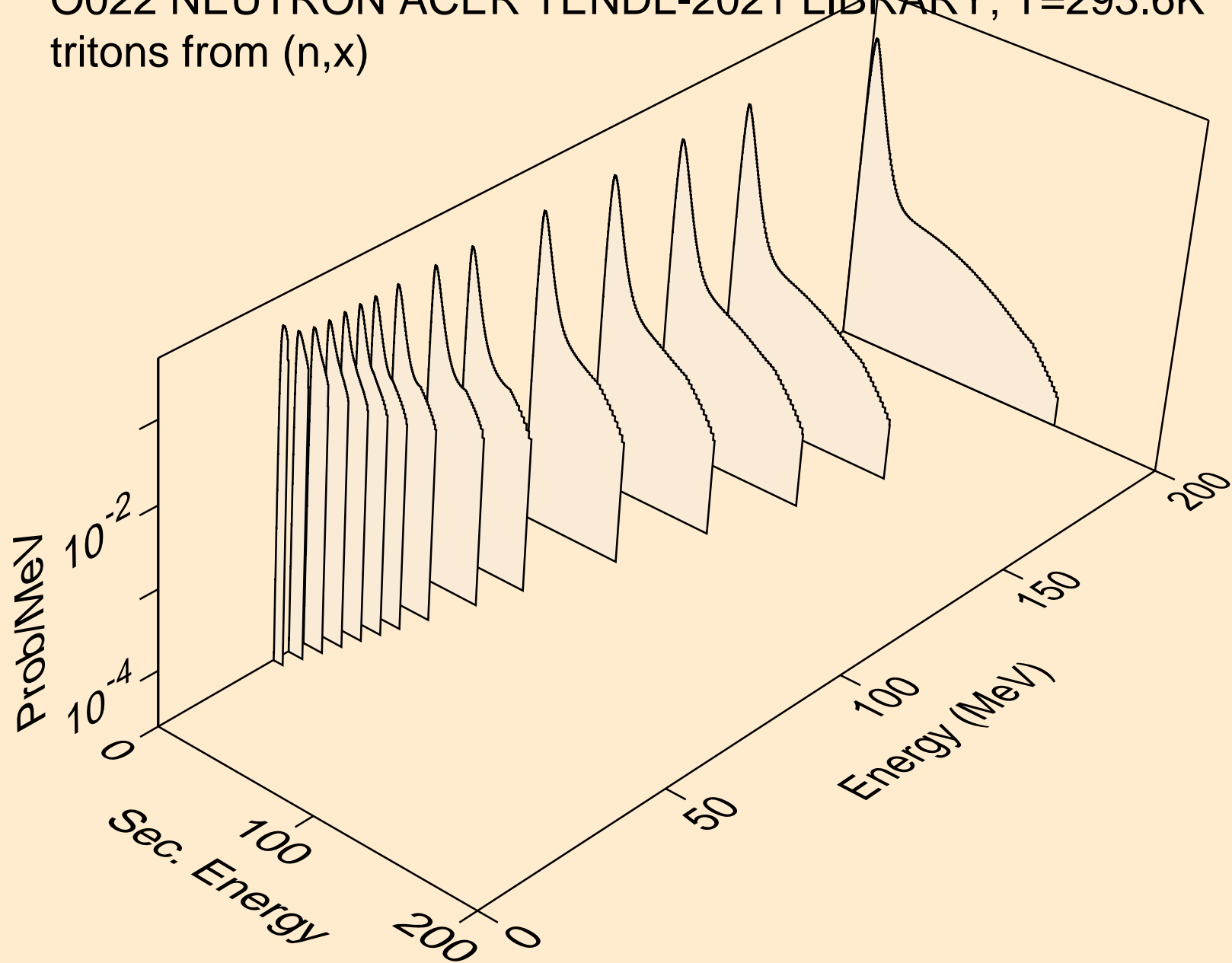
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deuterons from (n,n\*)d



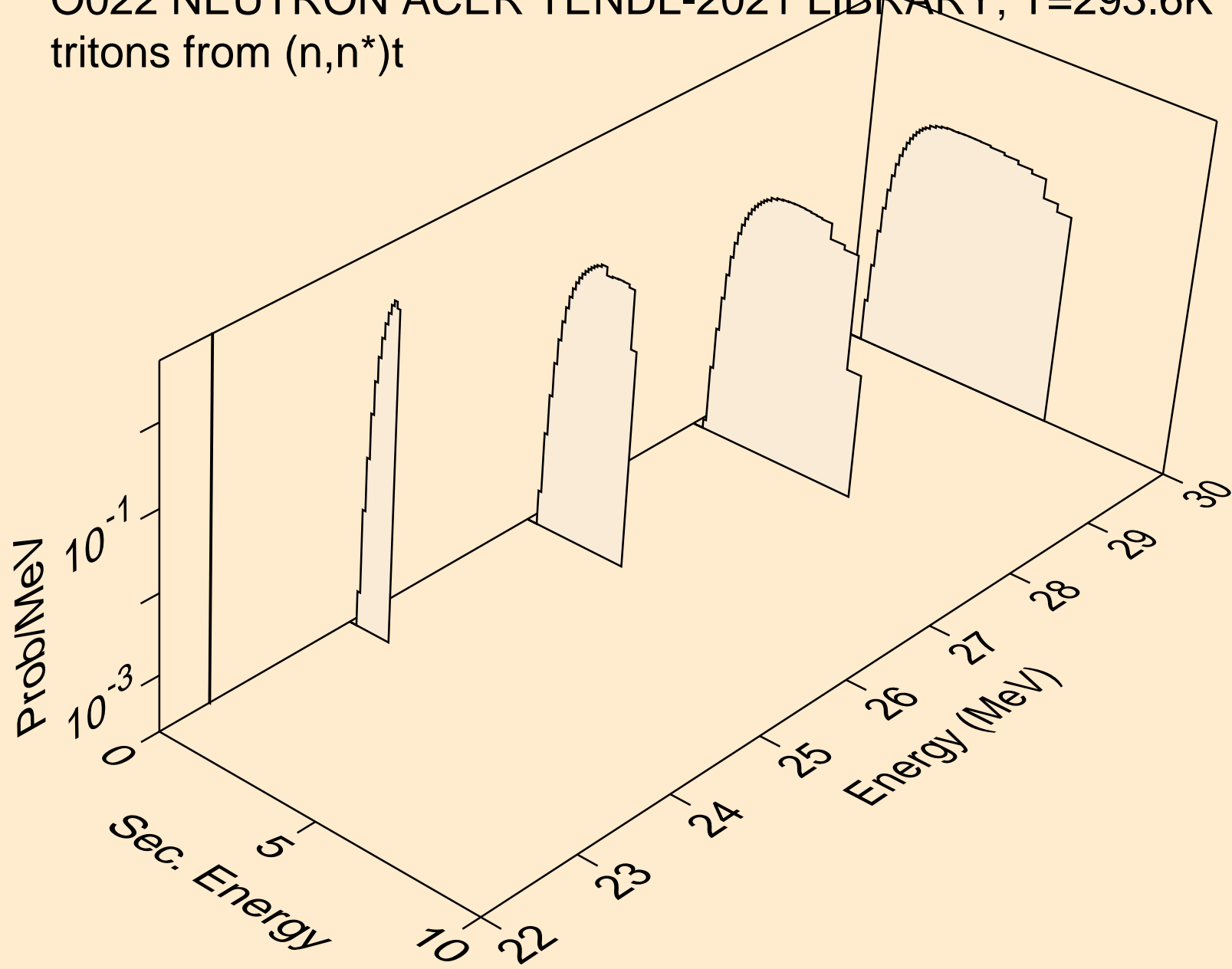
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deuterons from (n,d)



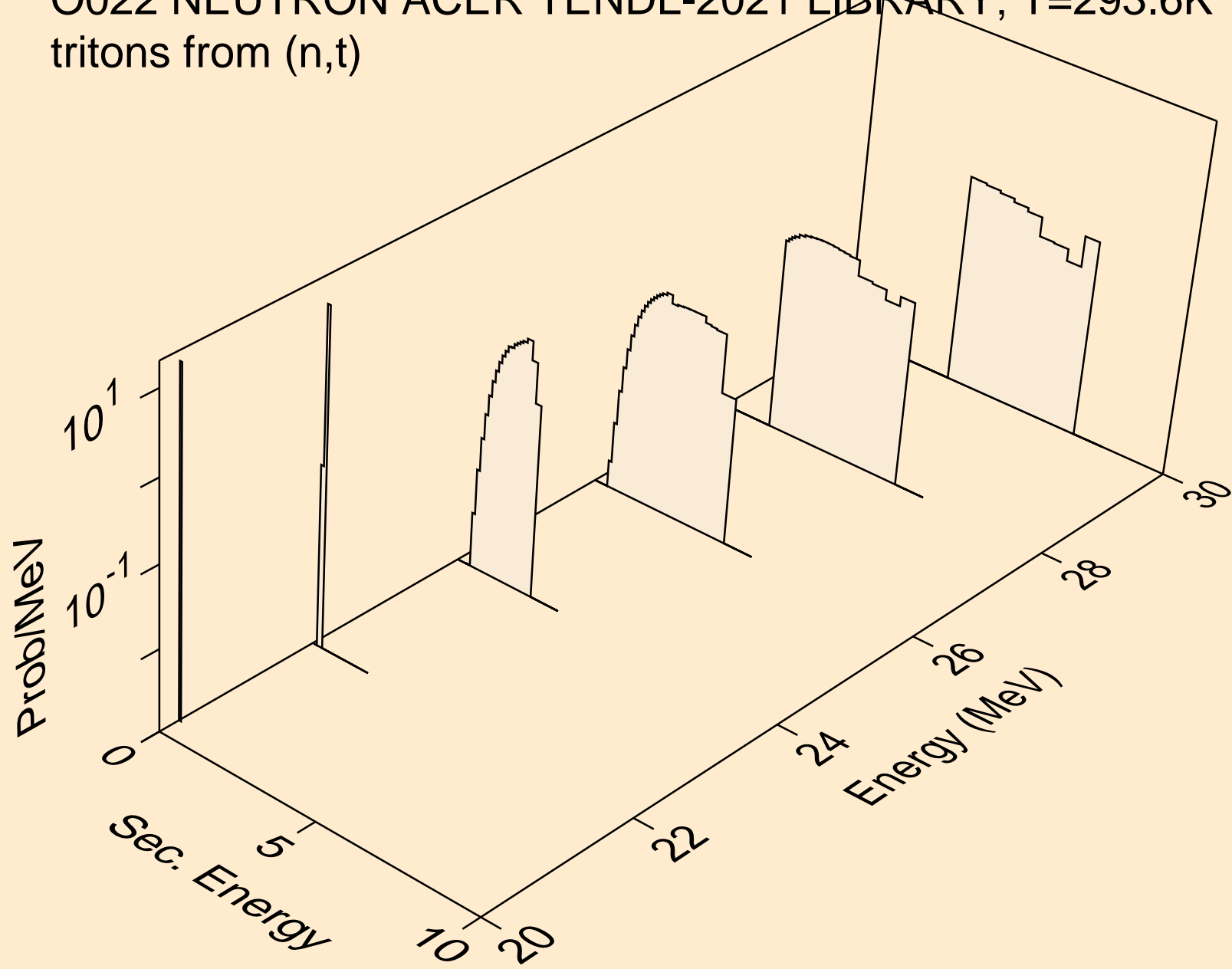
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tritons from (n,x)



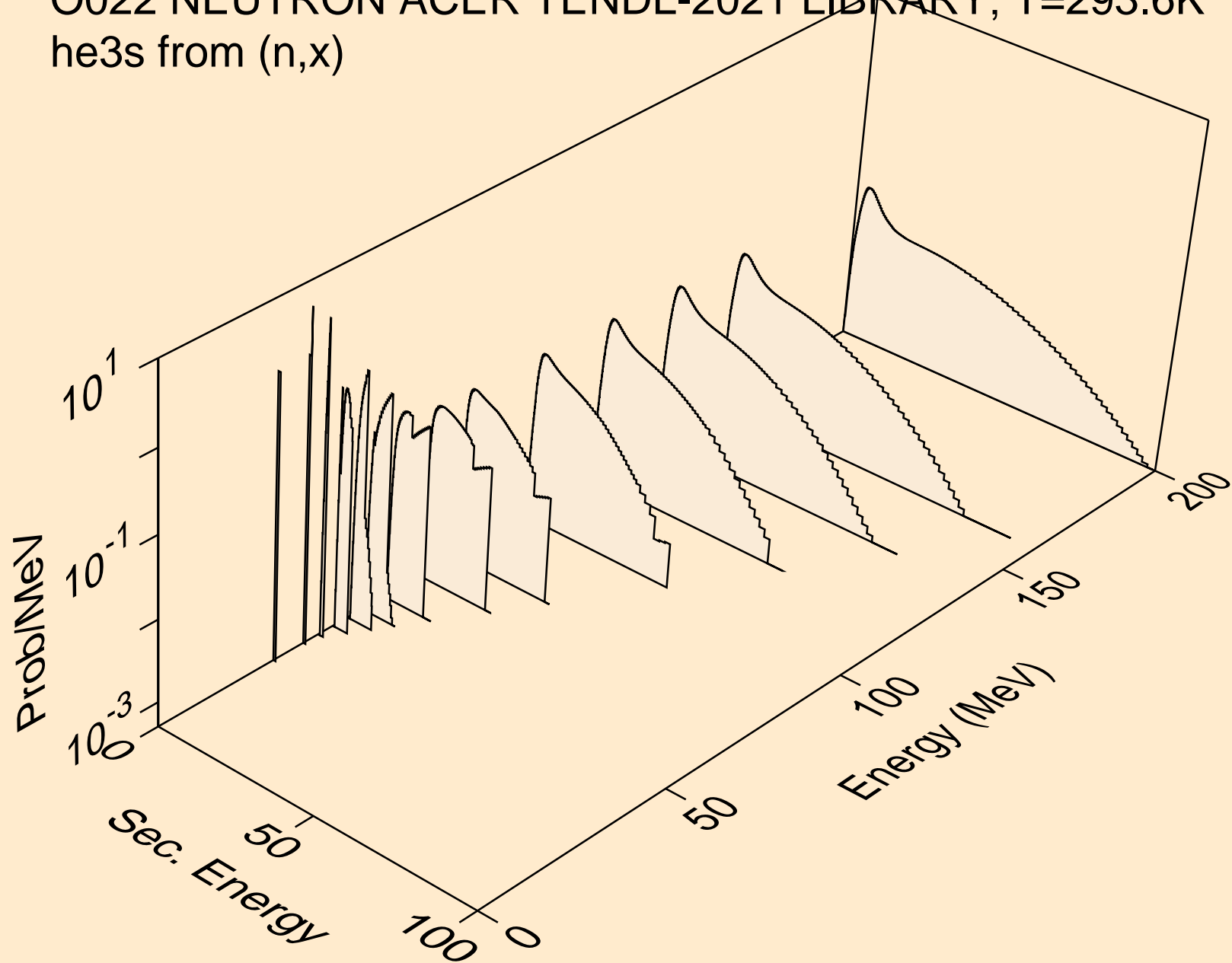
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)

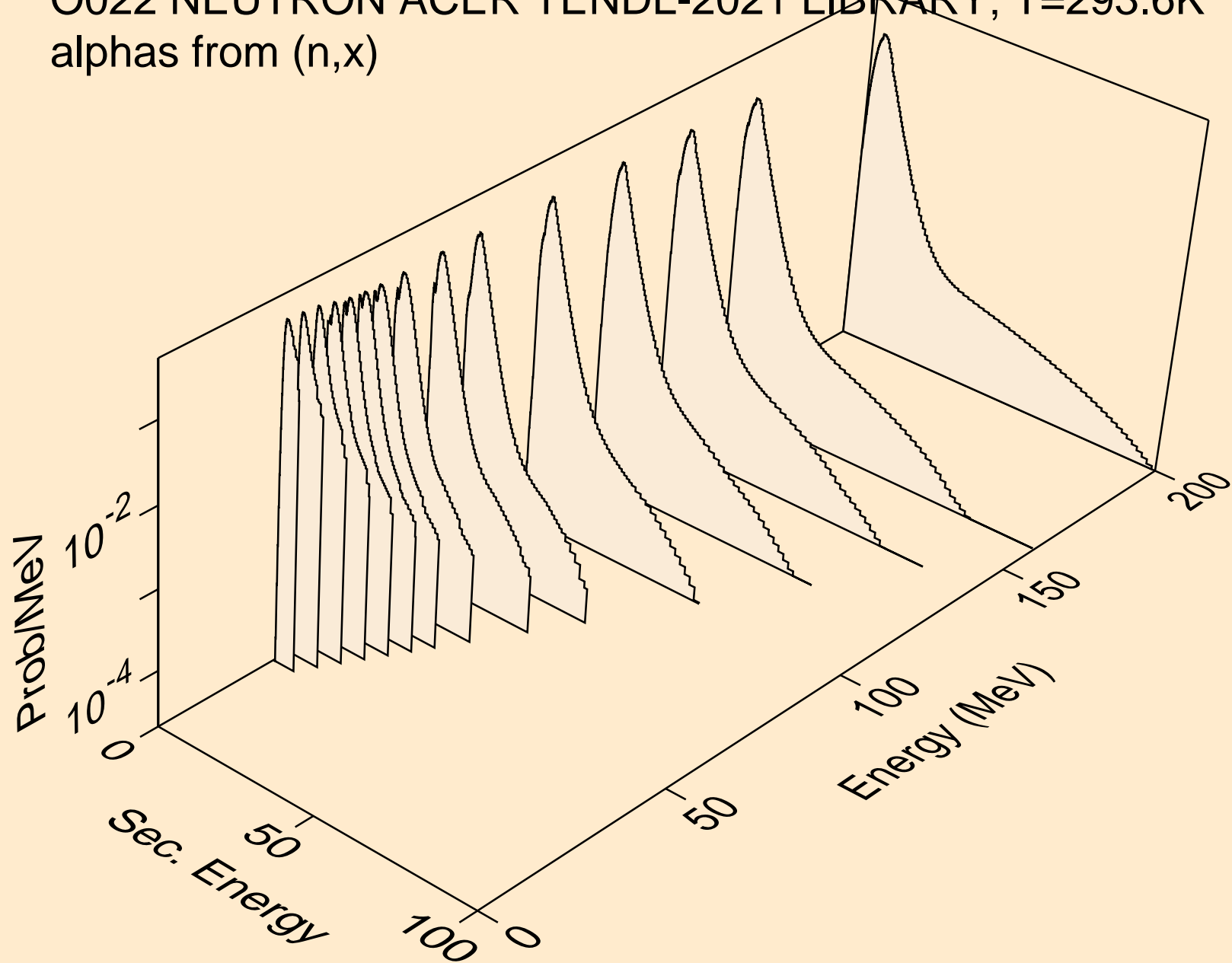


O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

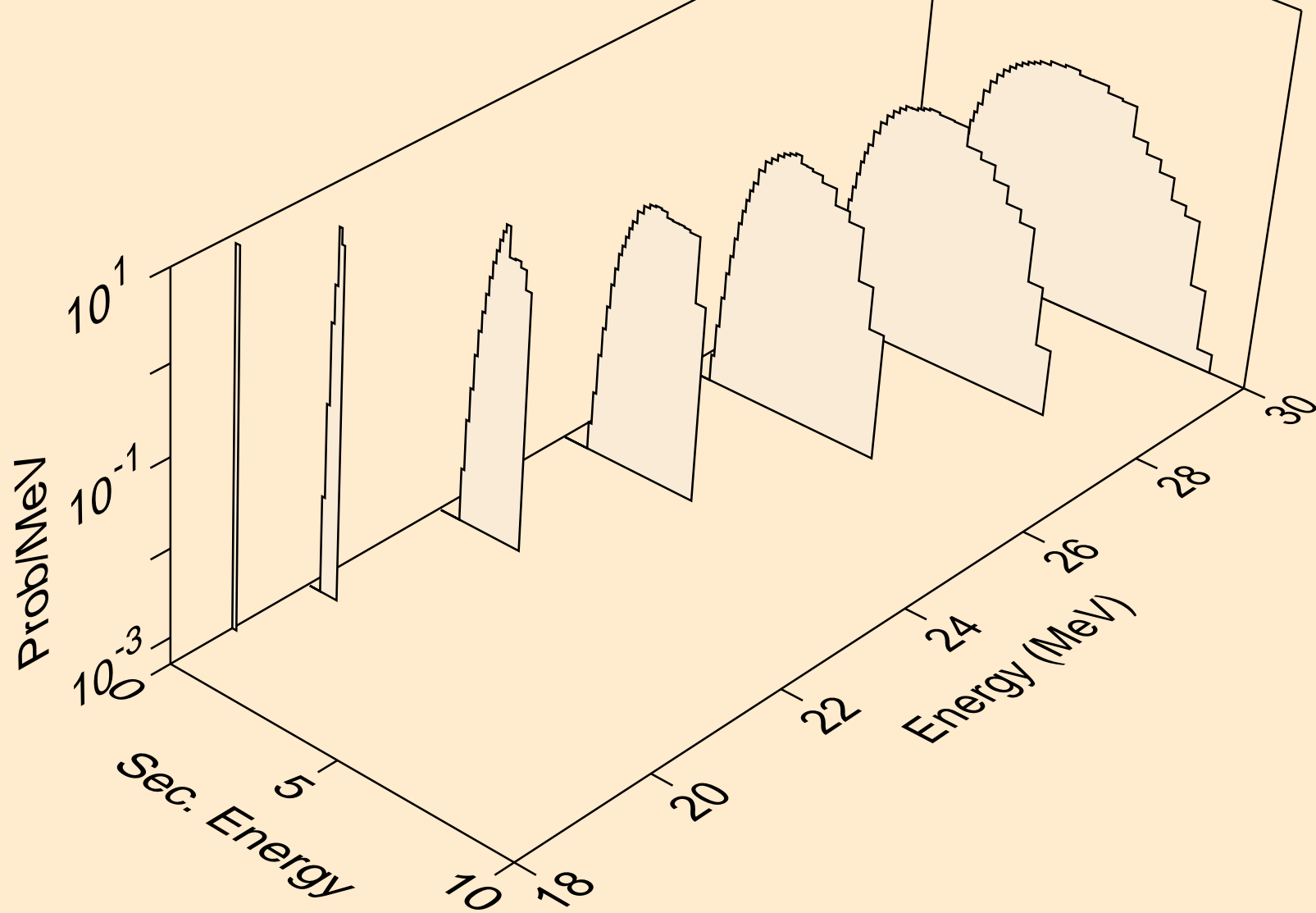




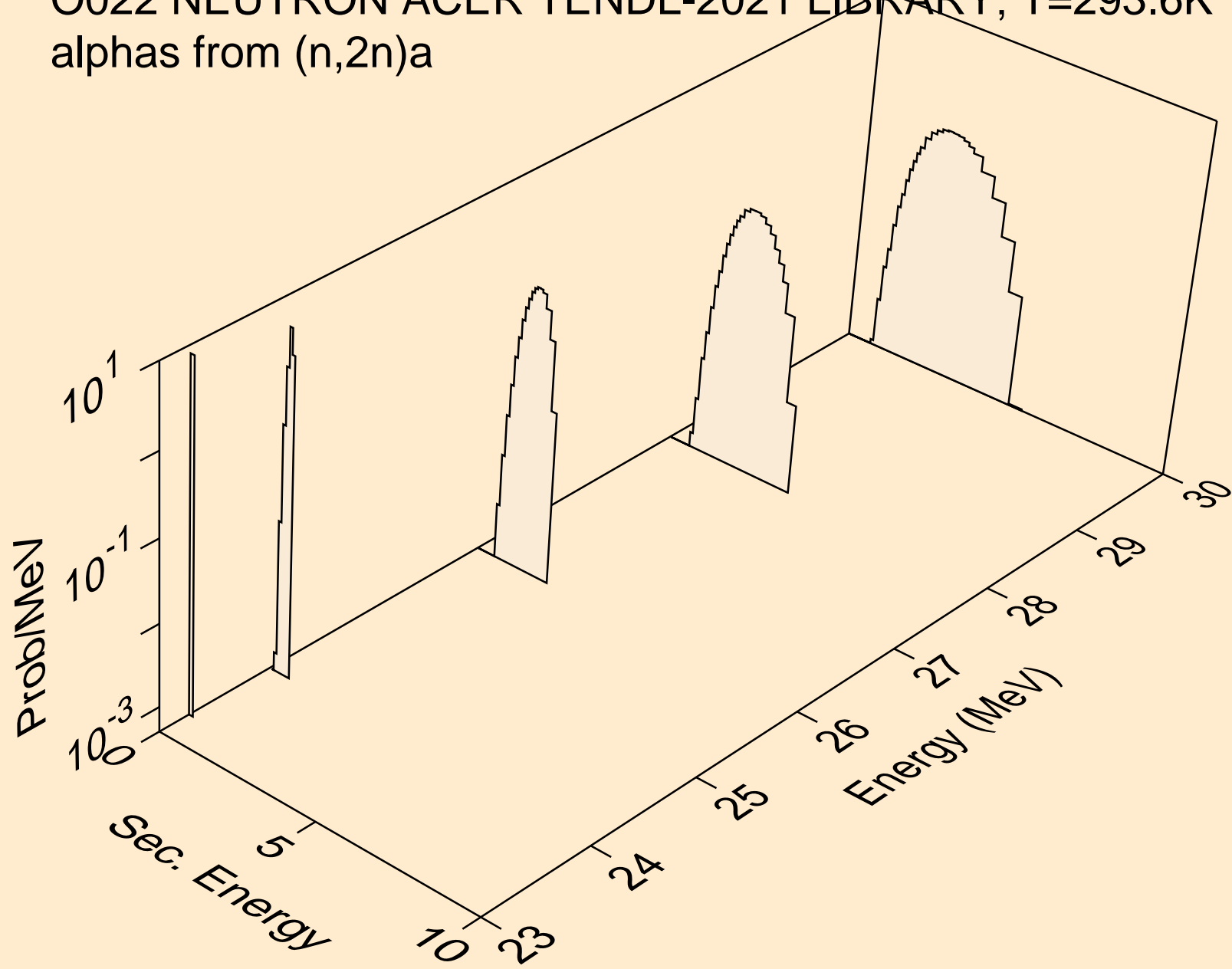
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alphas from (n,x)



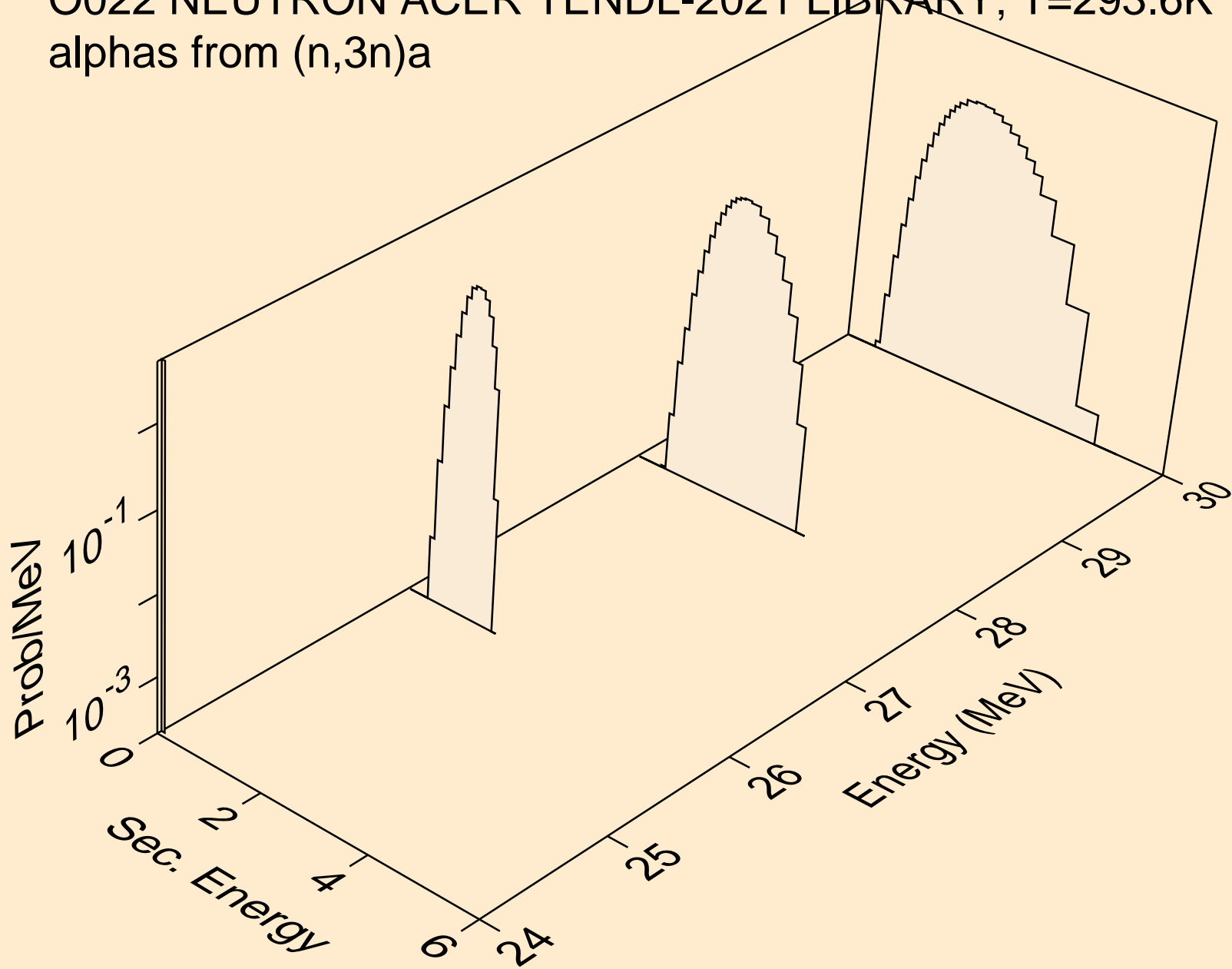
O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



O022 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)

