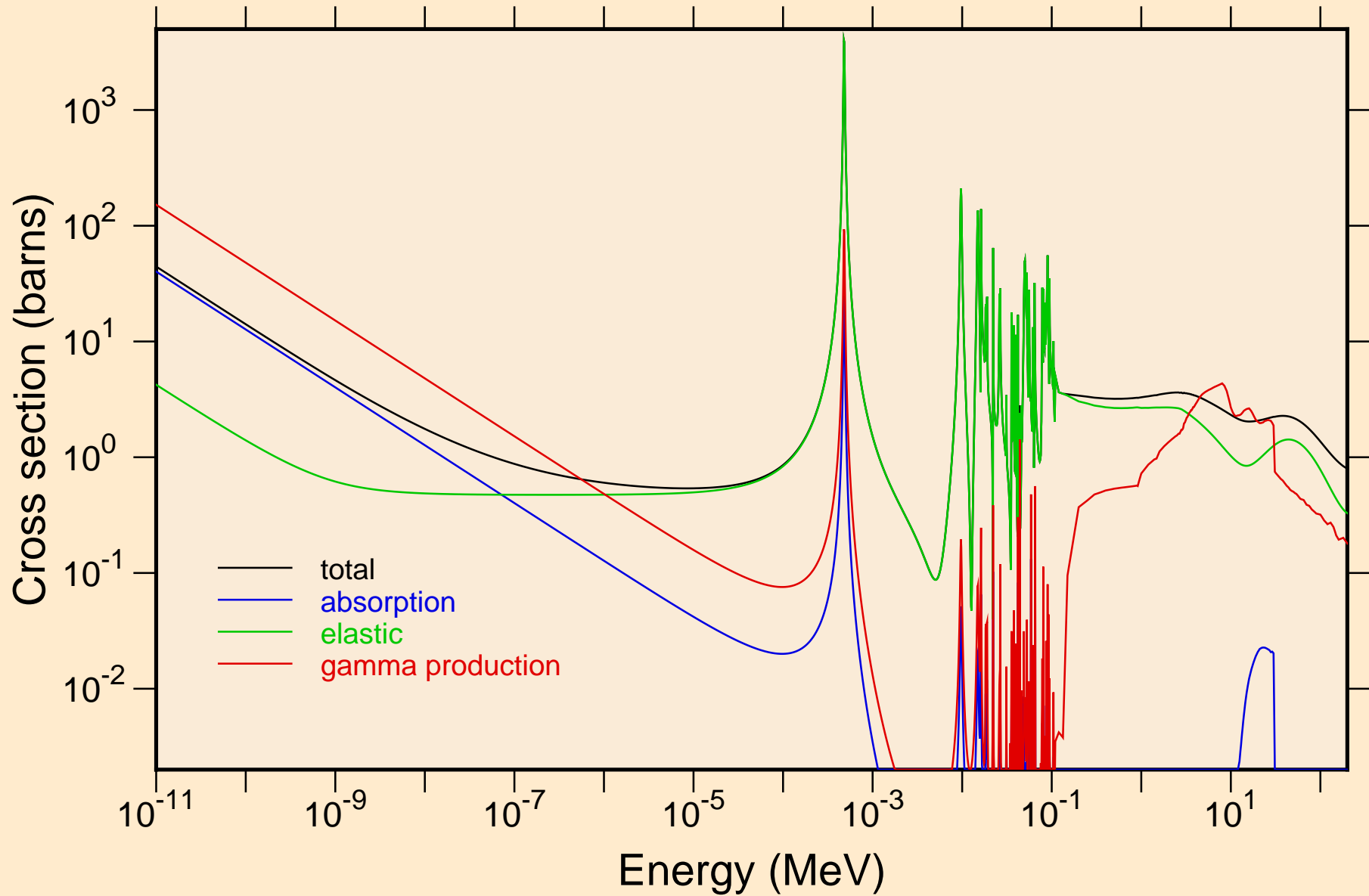
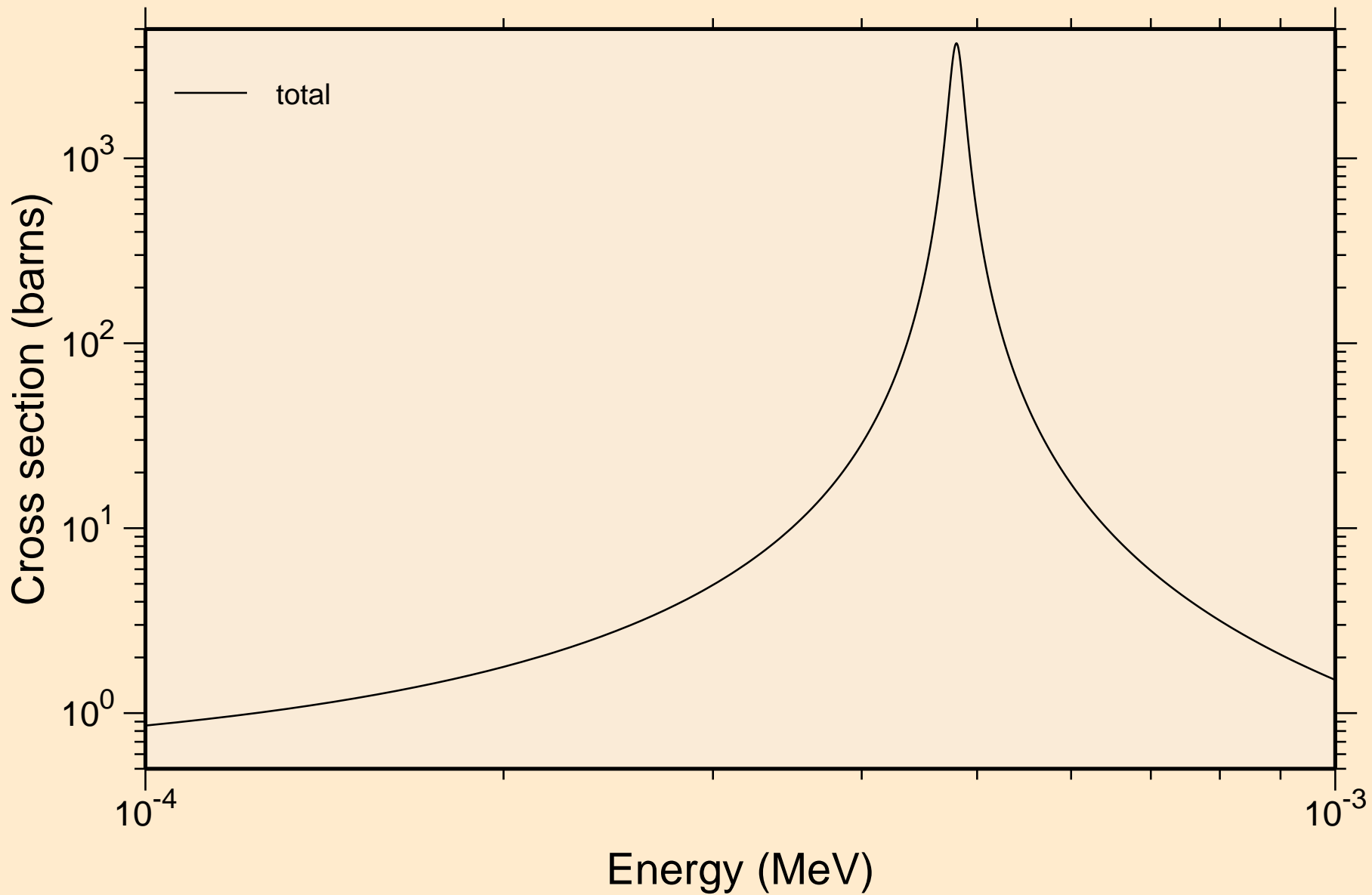


# CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

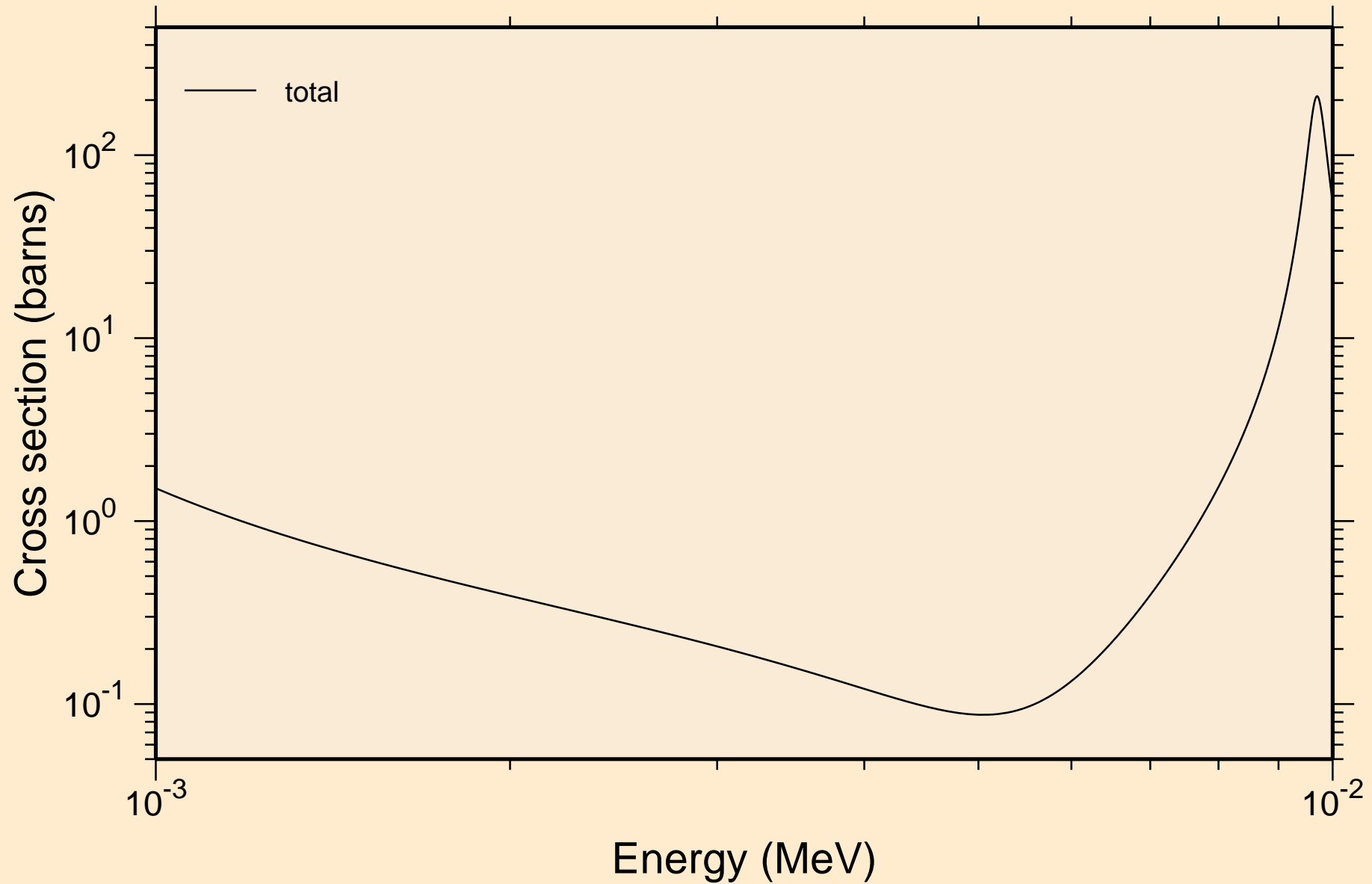
## Principal cross sections



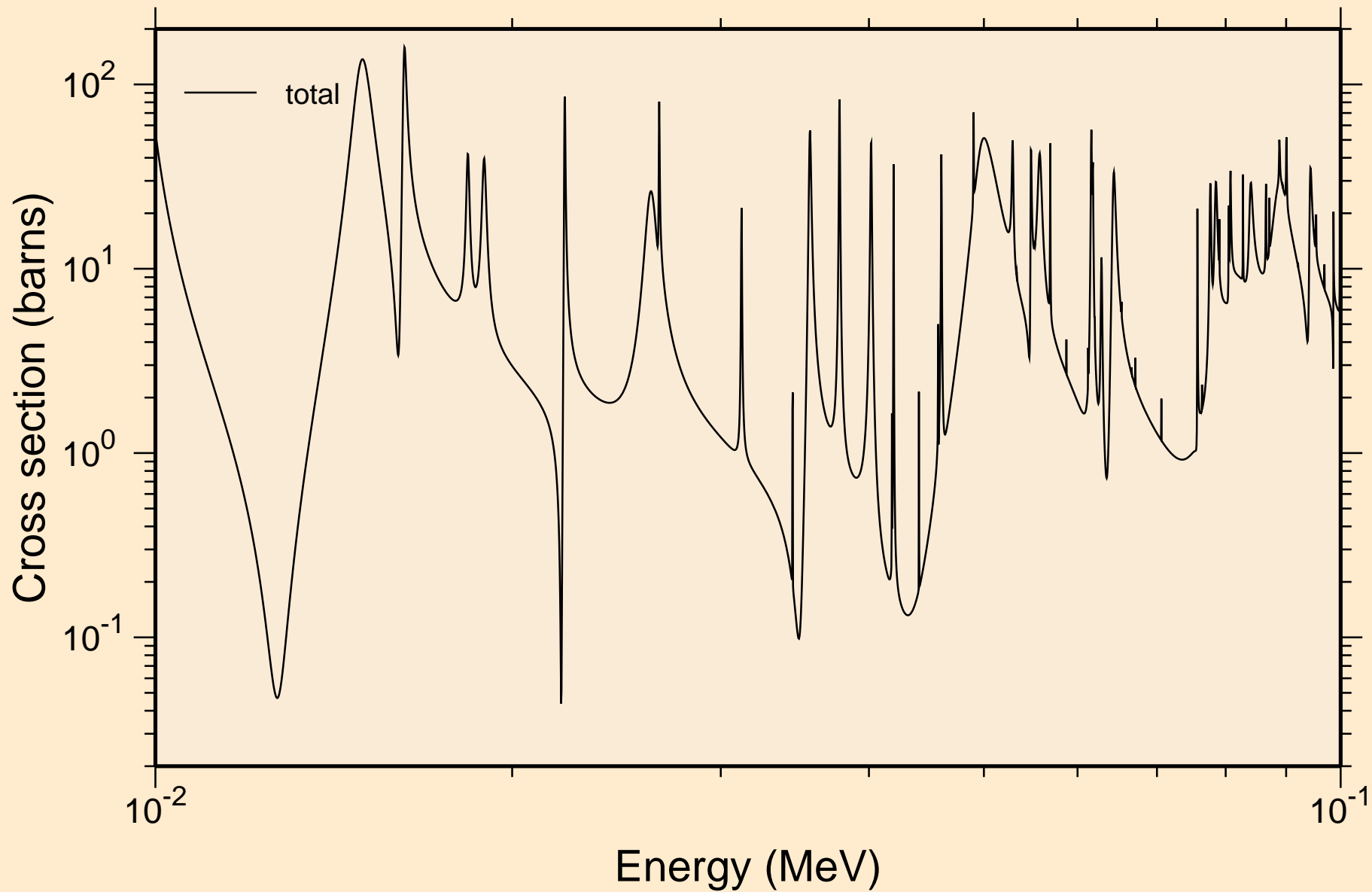
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resonance total cross section



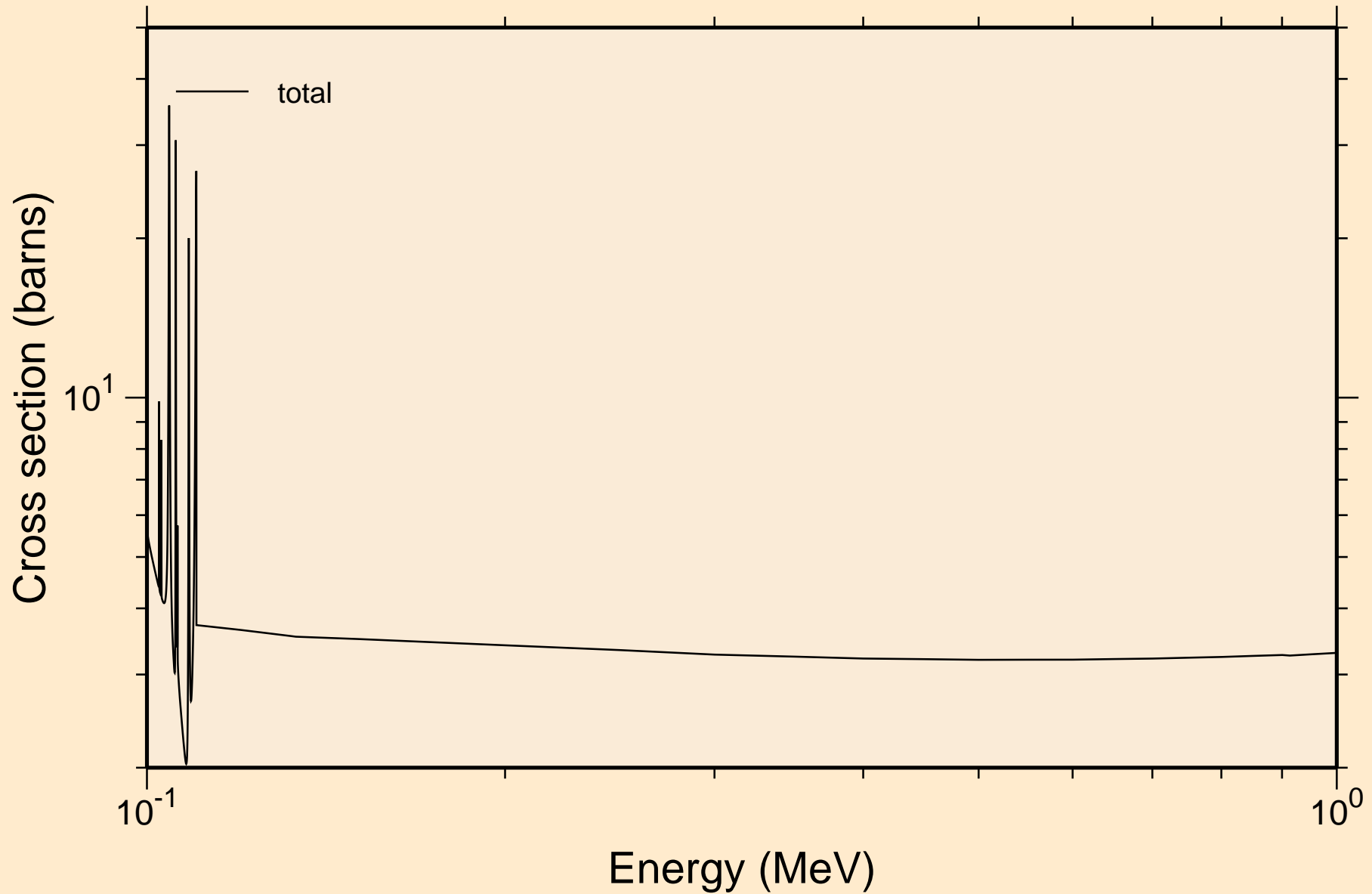
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



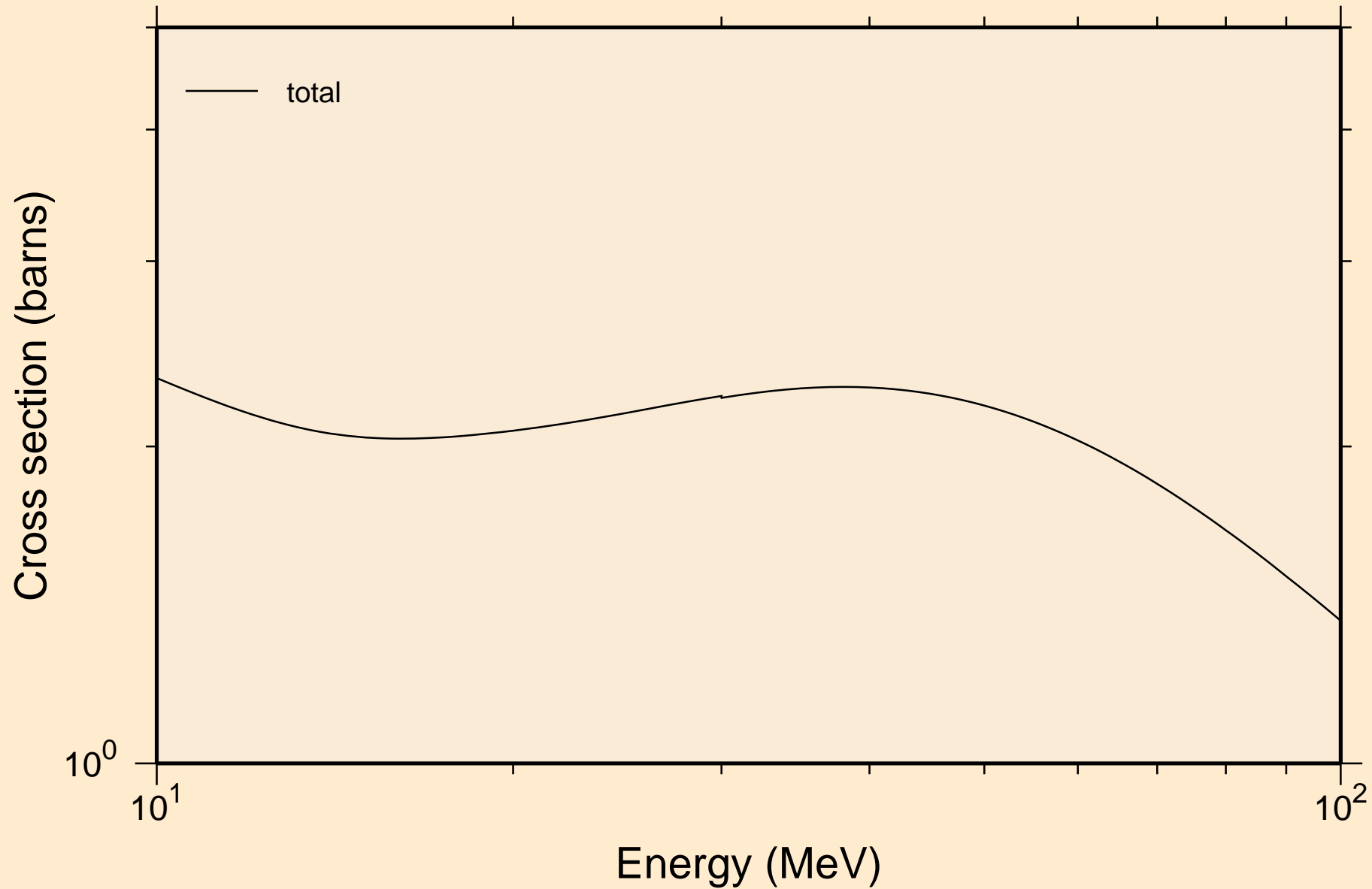
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resonance total cross section



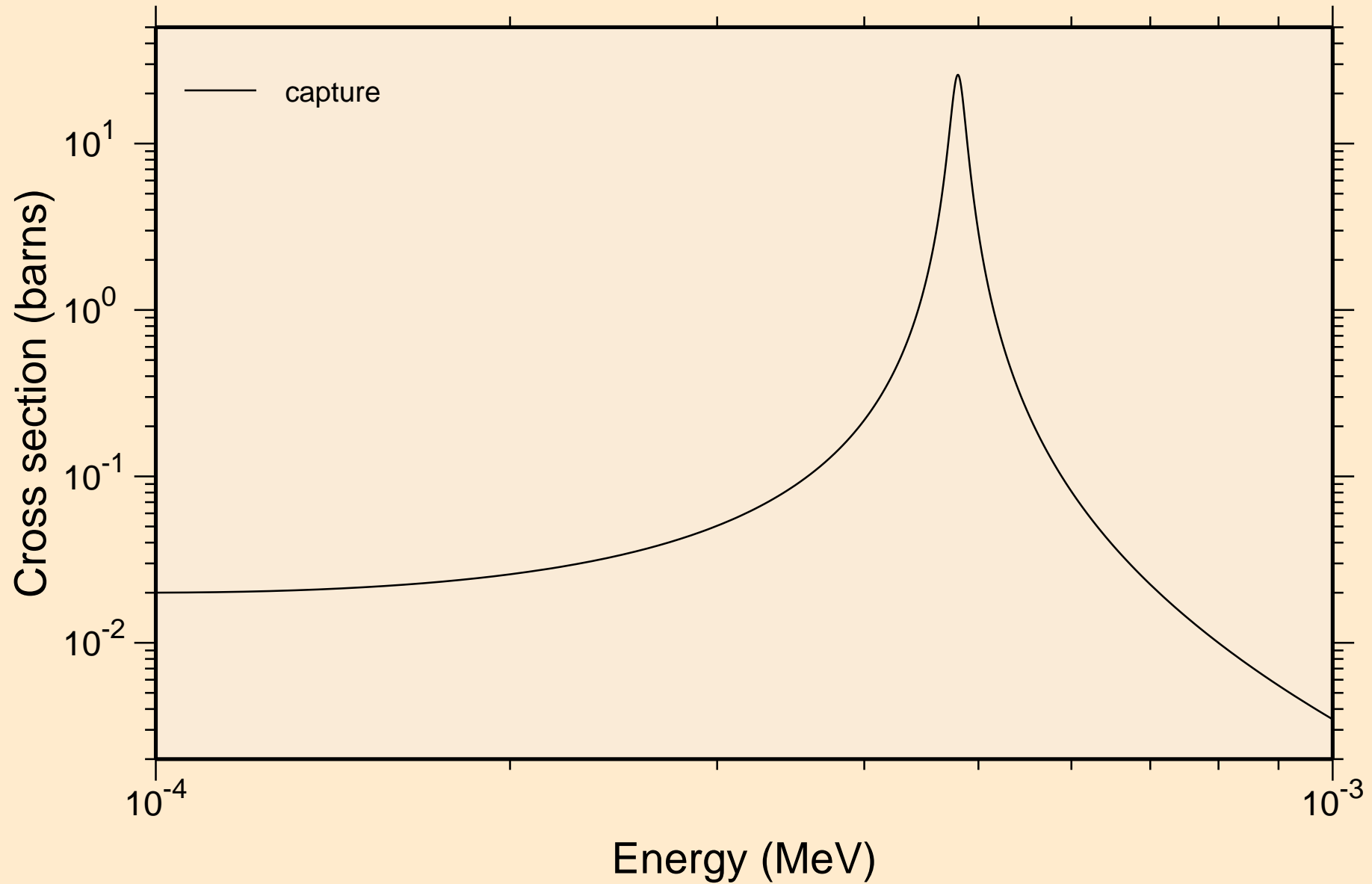
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



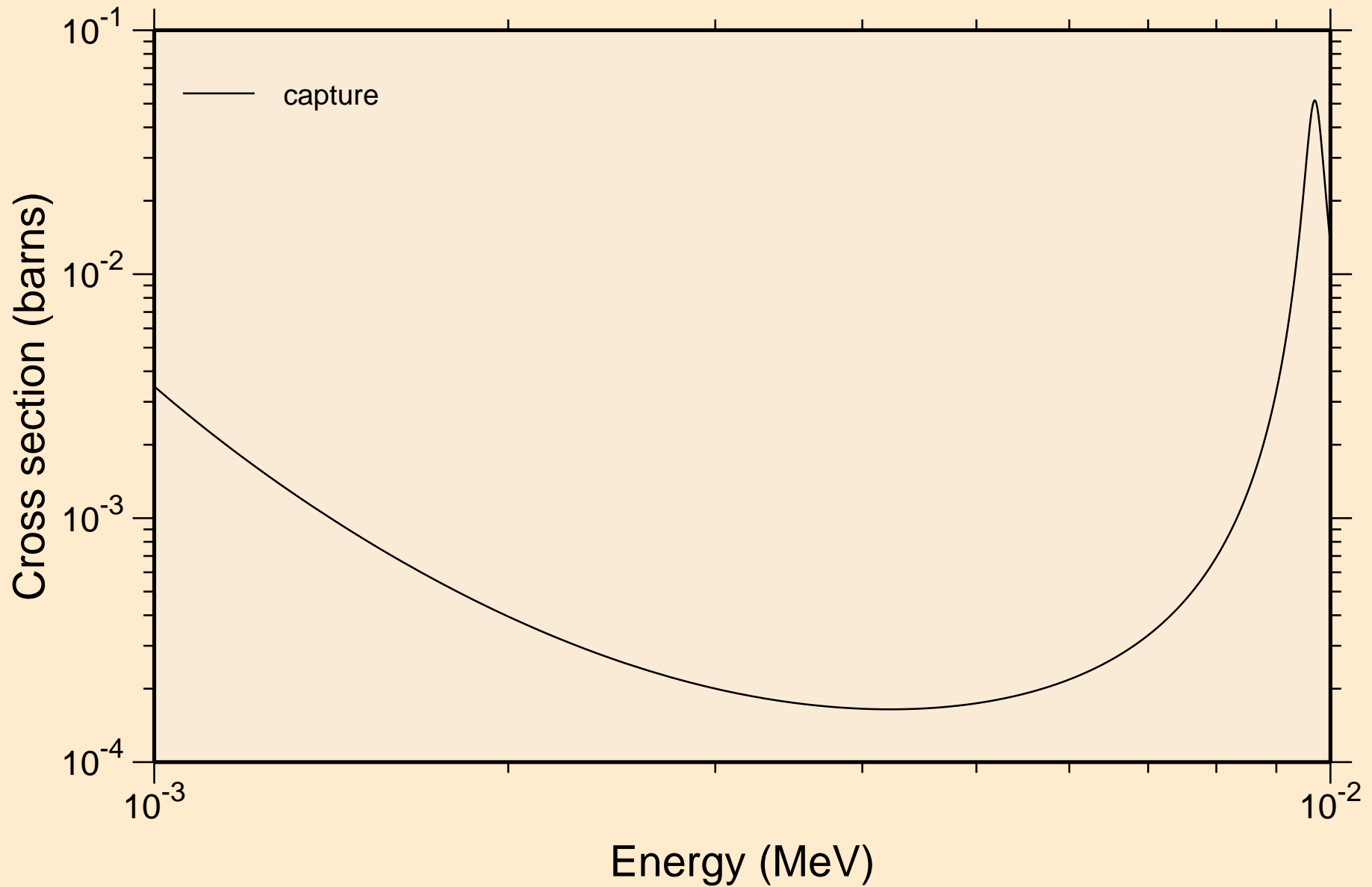
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

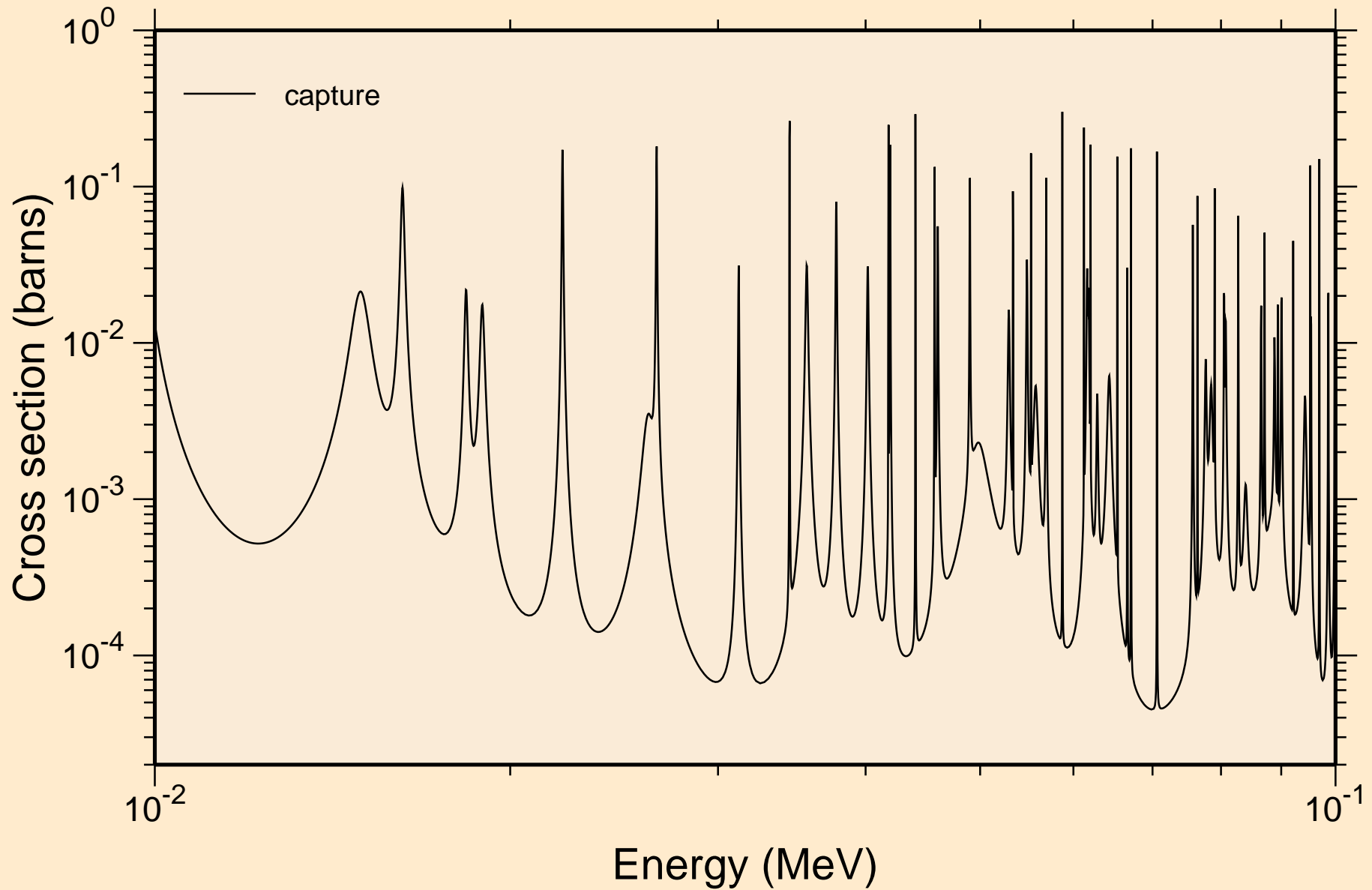


CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

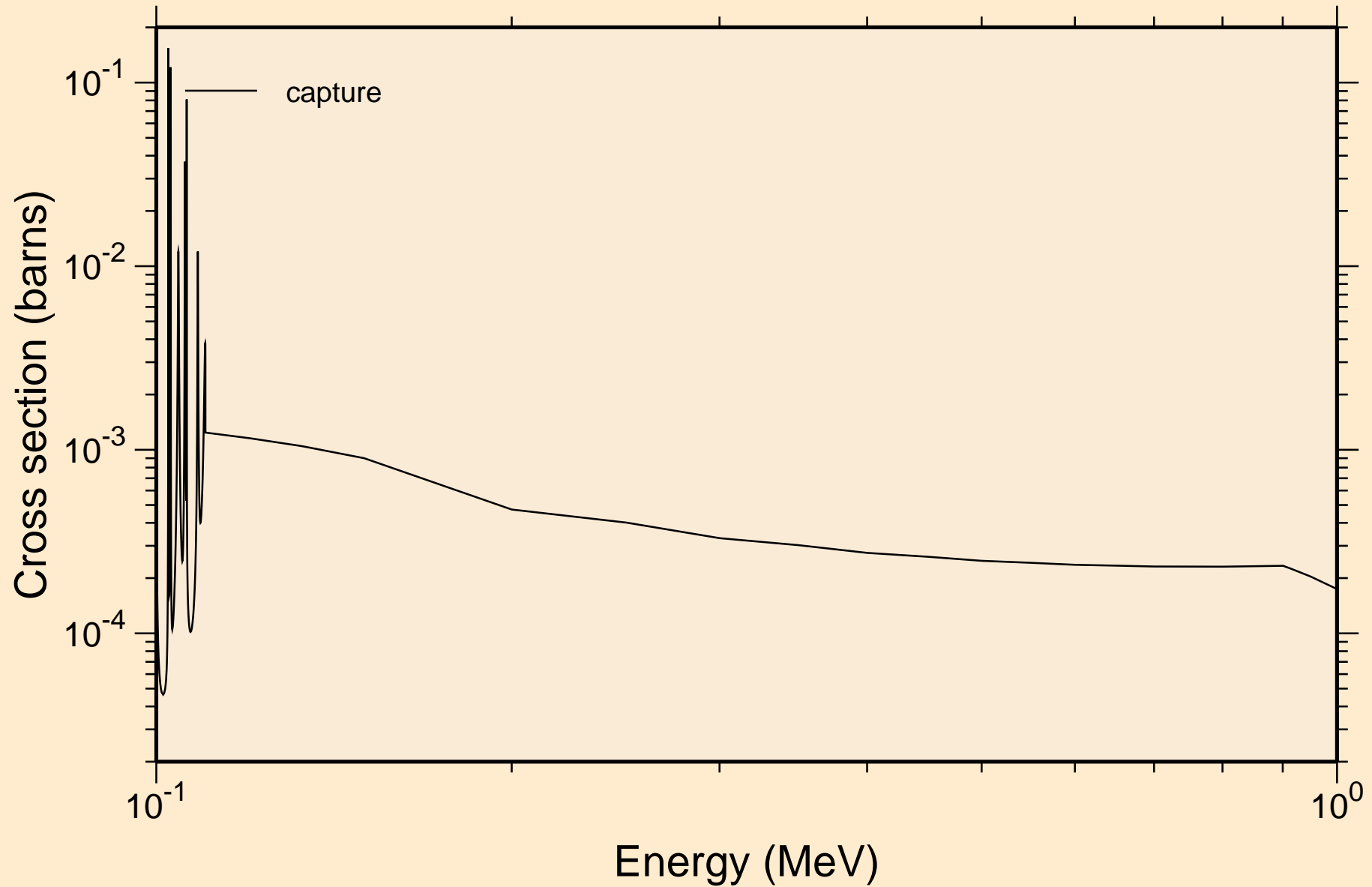




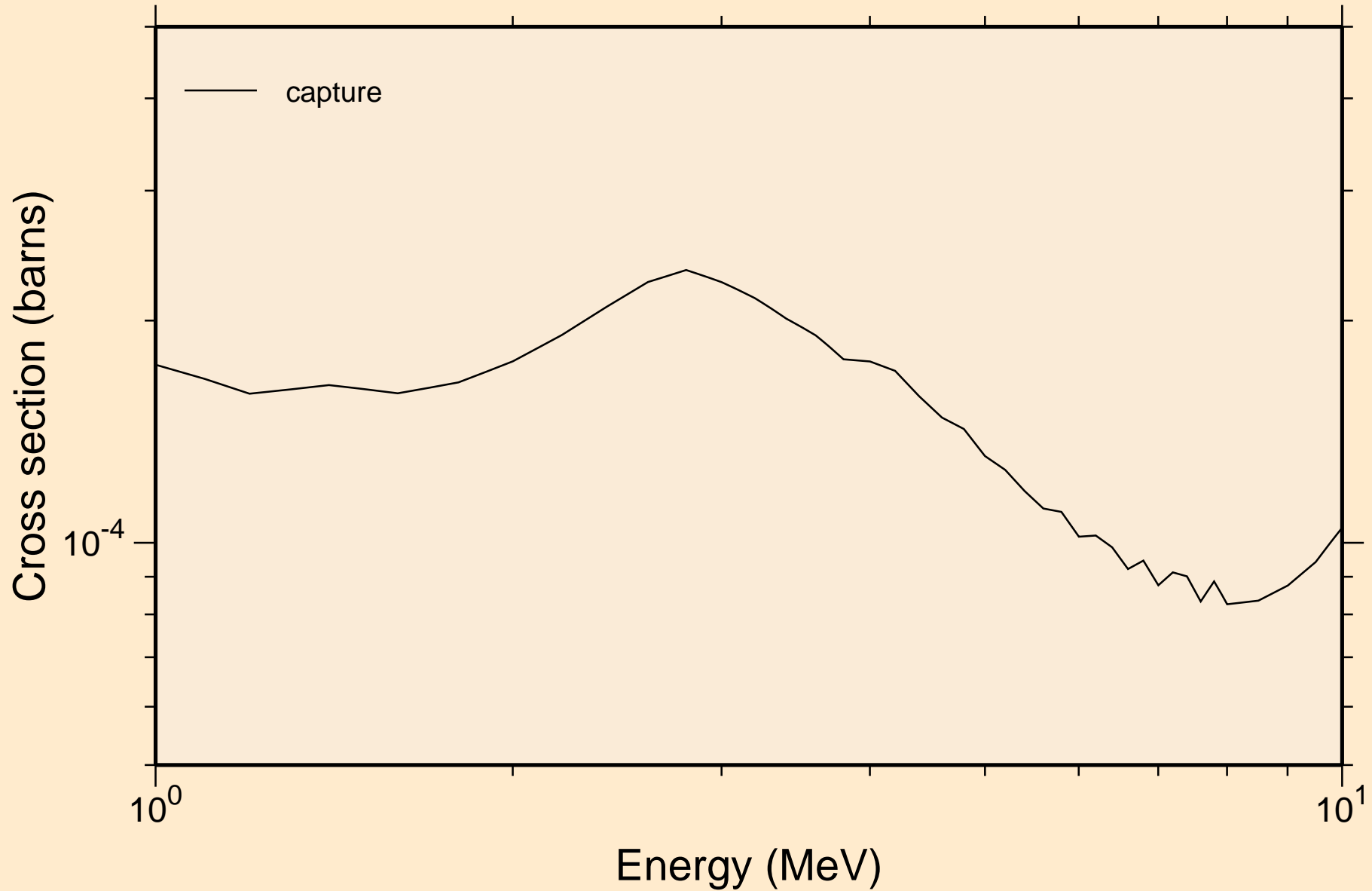
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



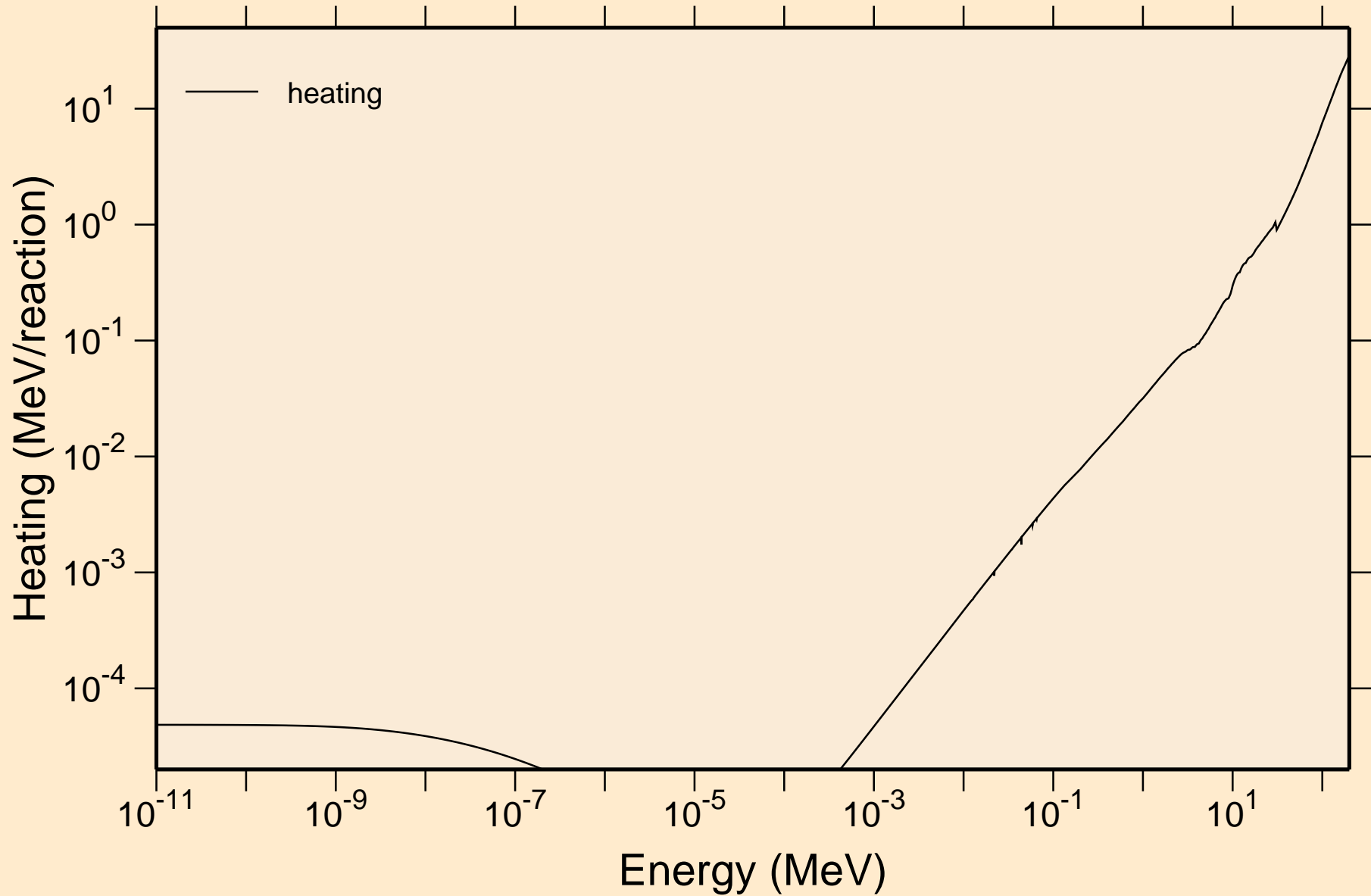
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



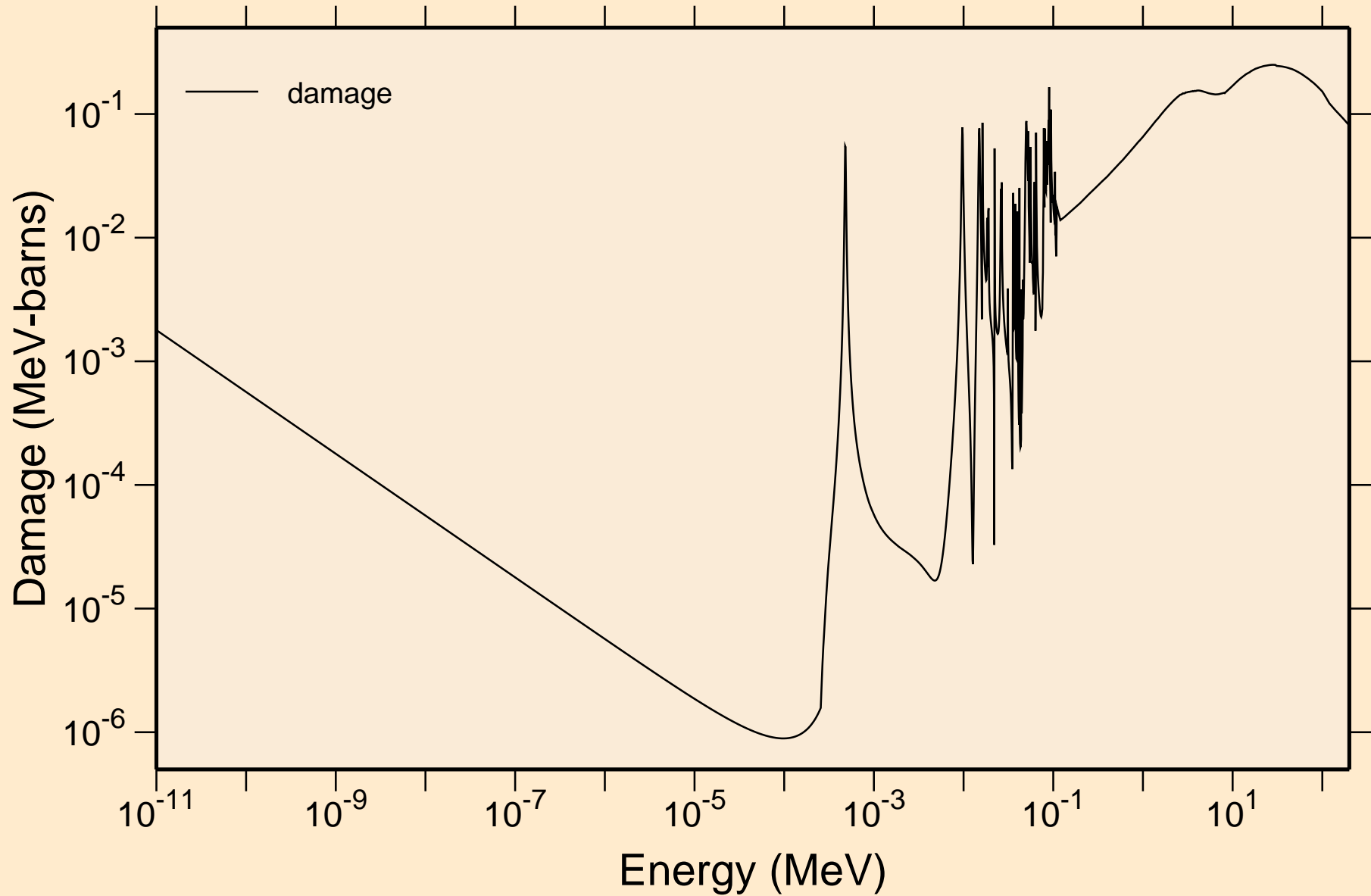
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resonance absorption cross sections



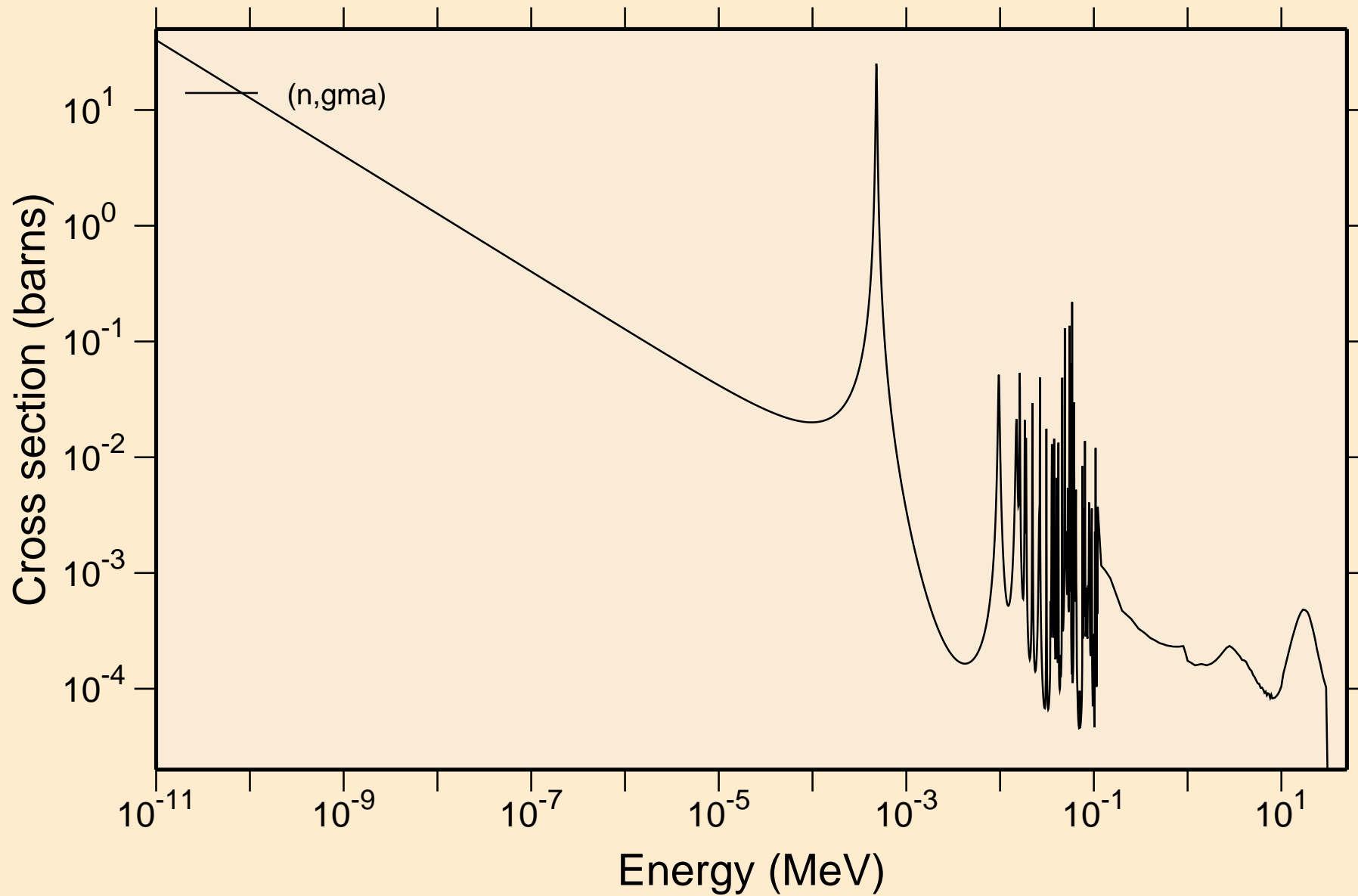
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



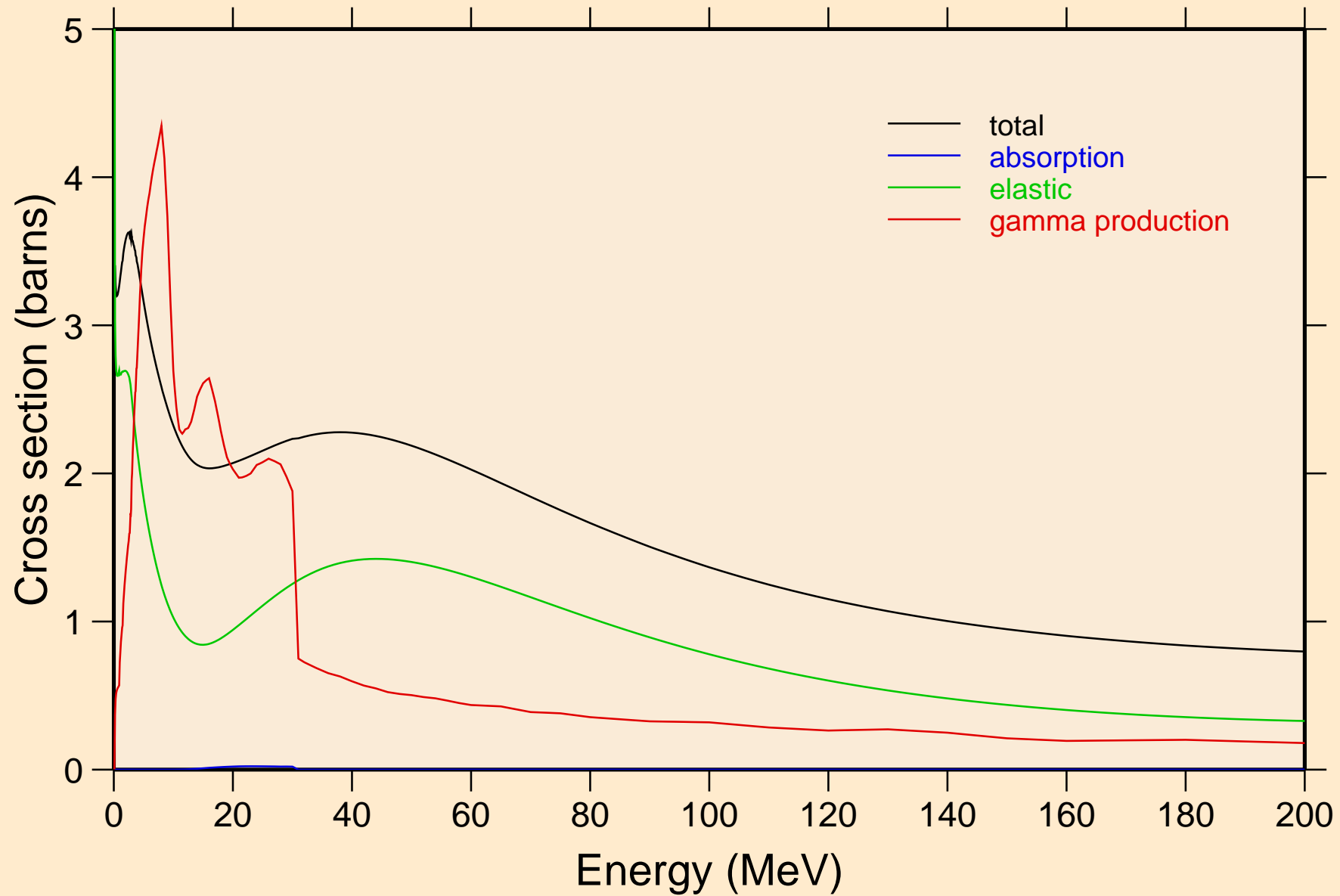
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Damage



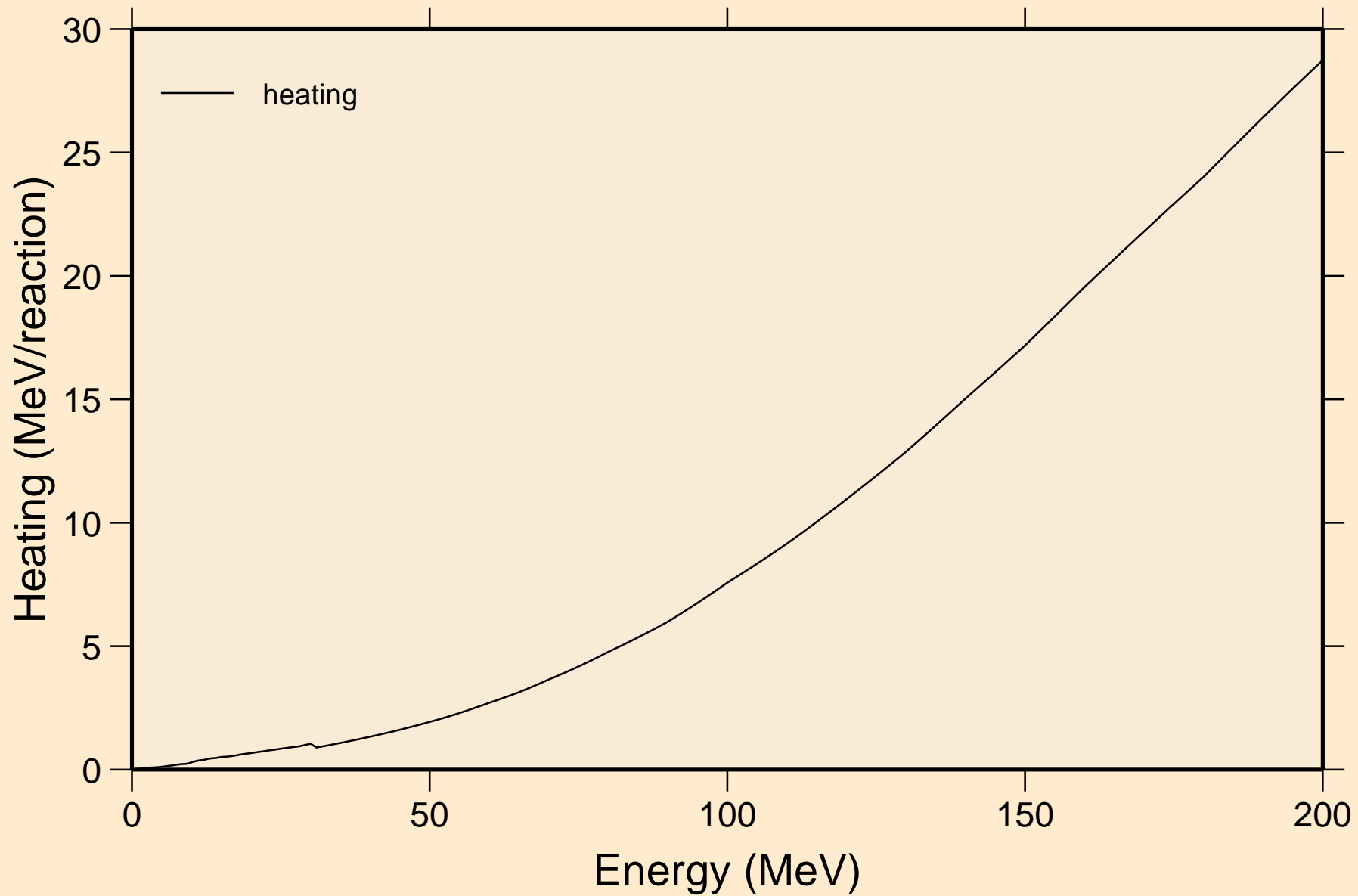
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Principal cross sections

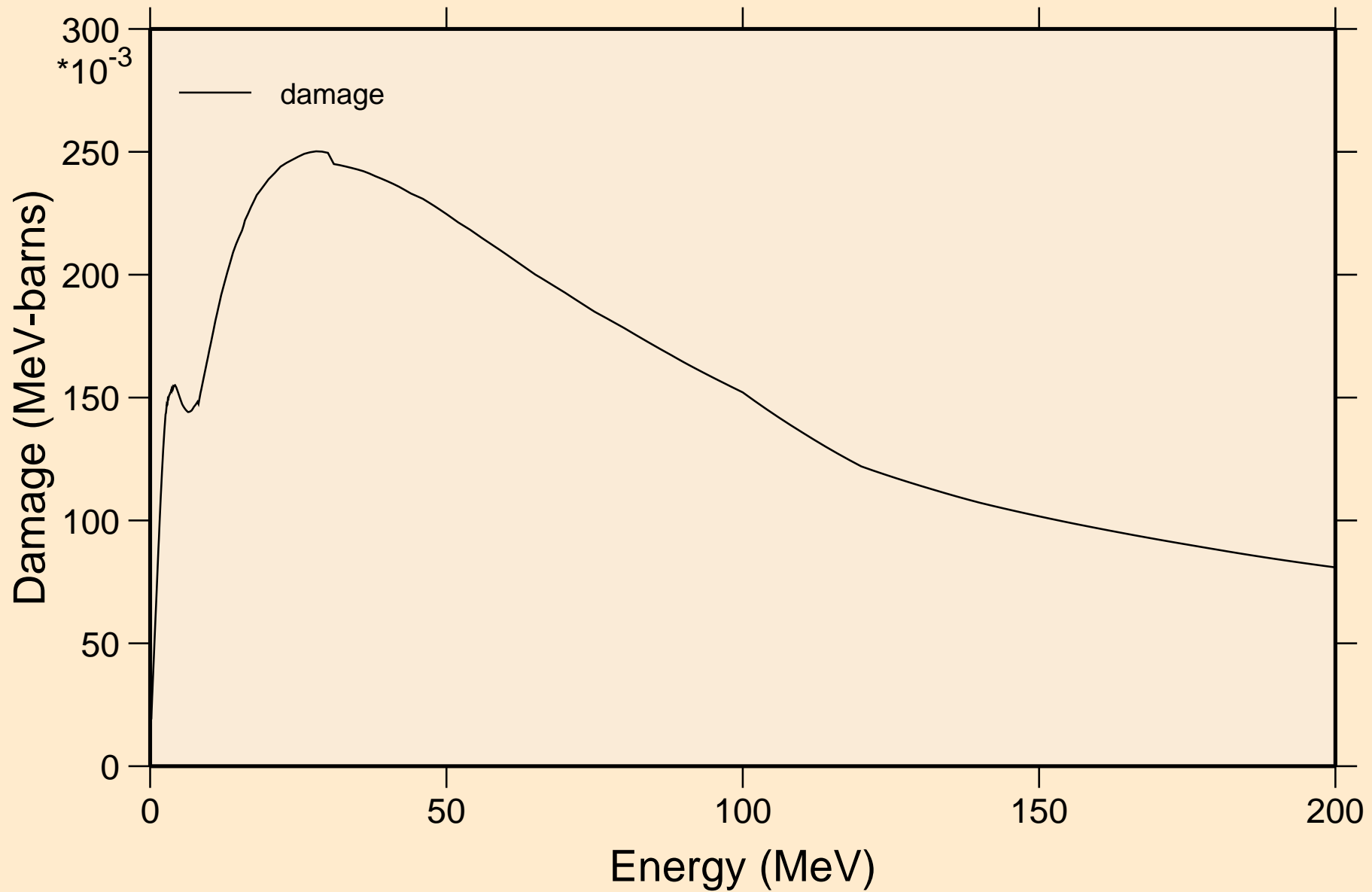


CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

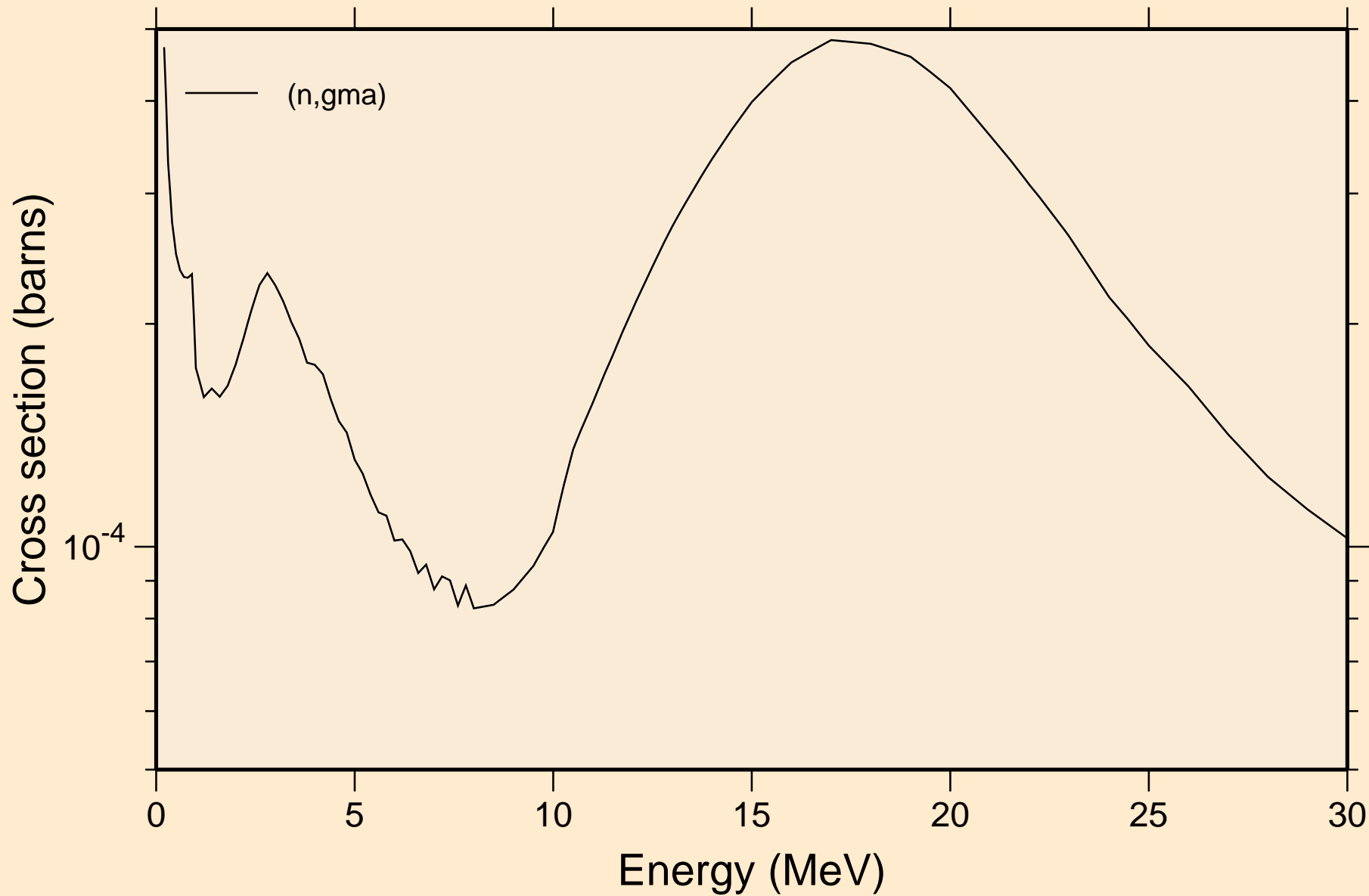




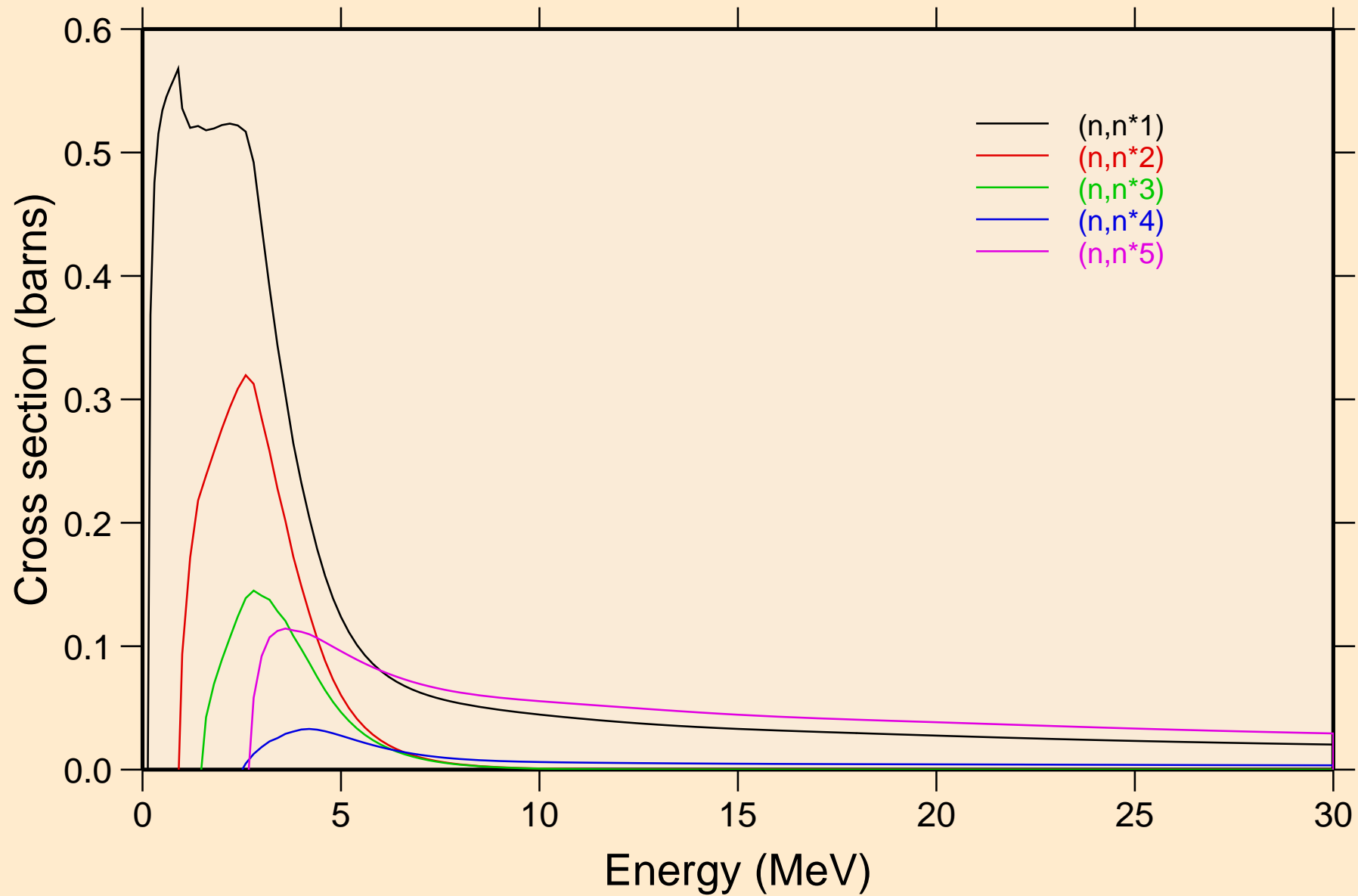
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Damage



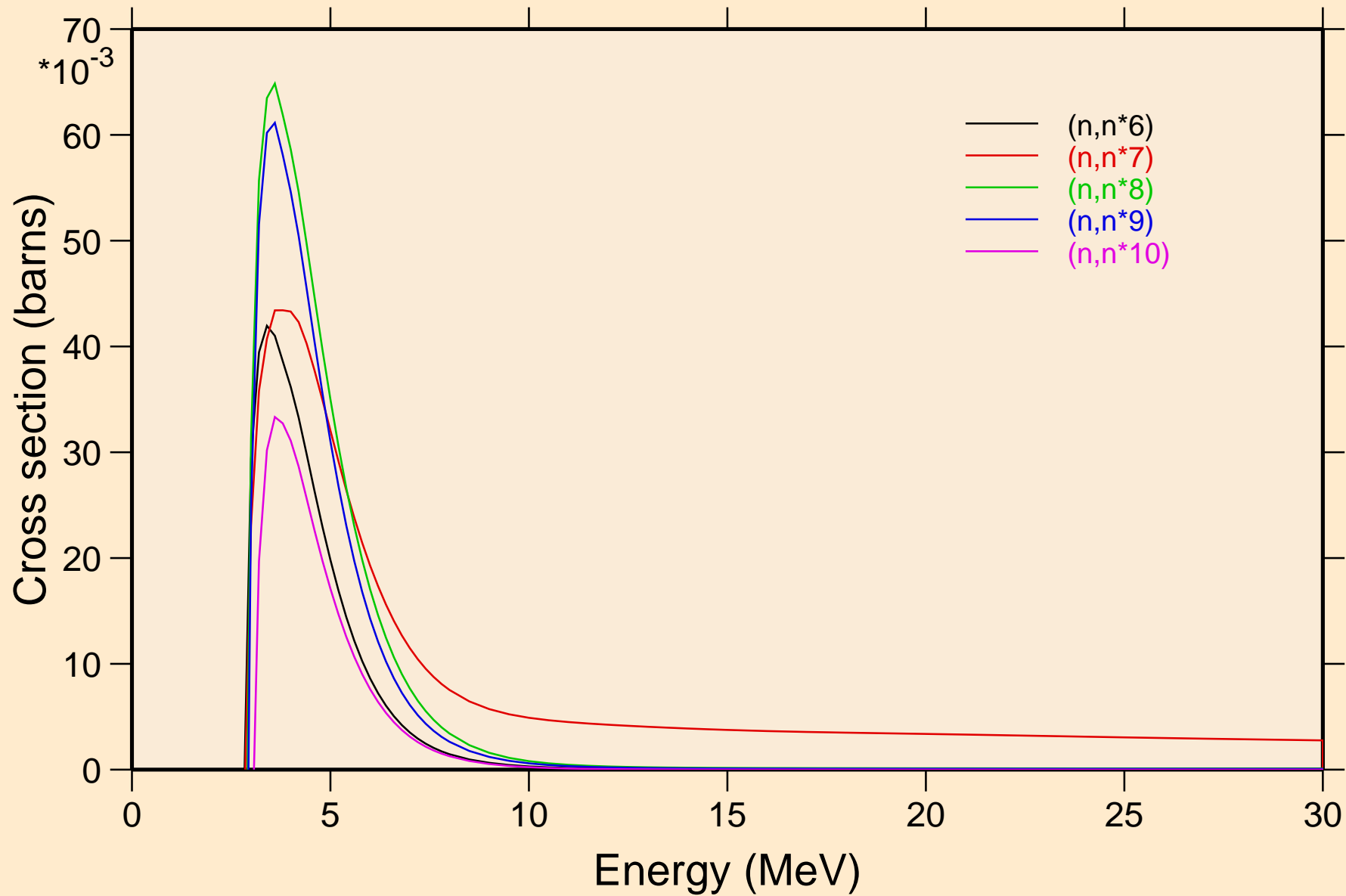
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Non-threshold reactions



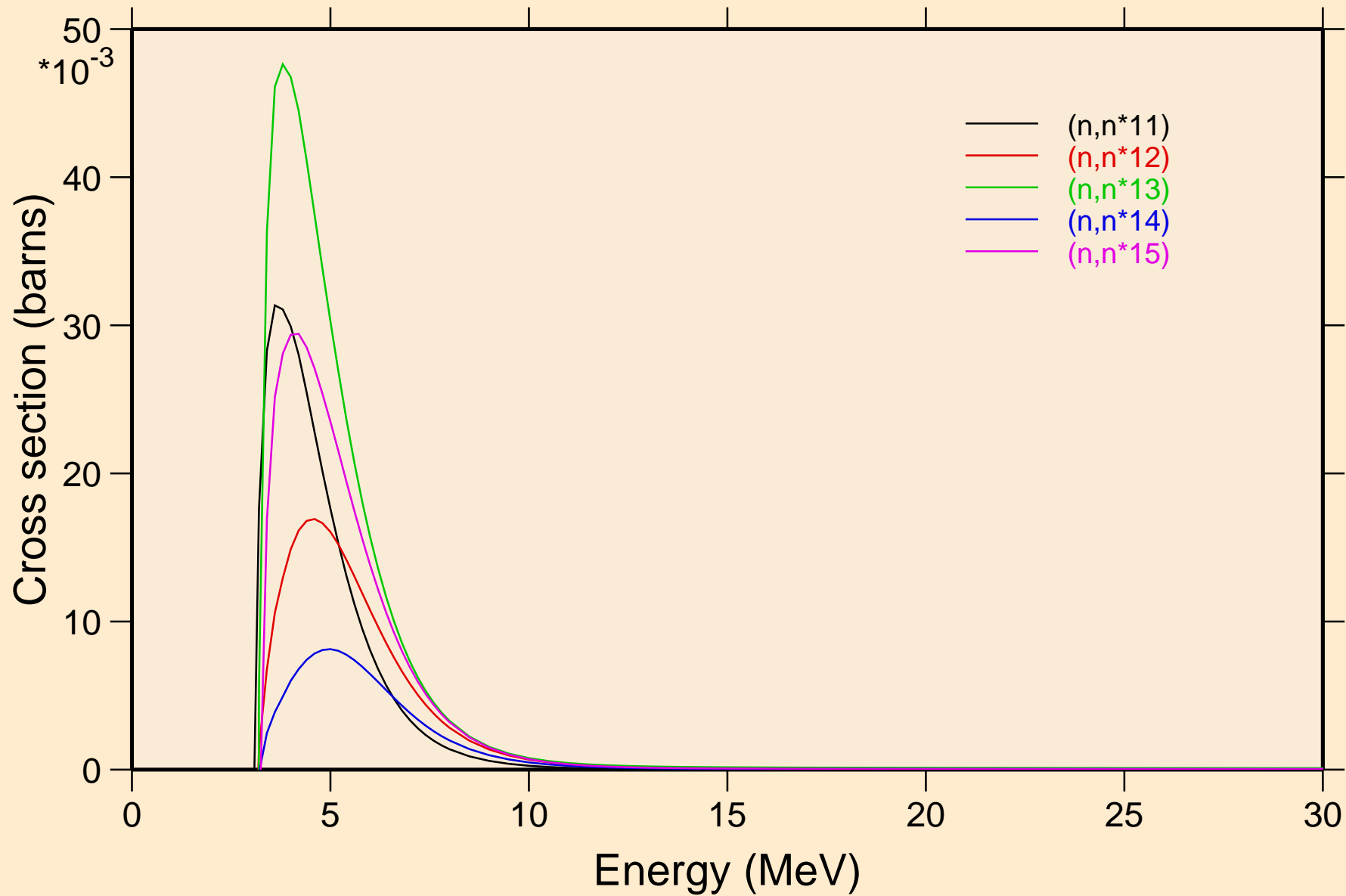
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Inelastic levels



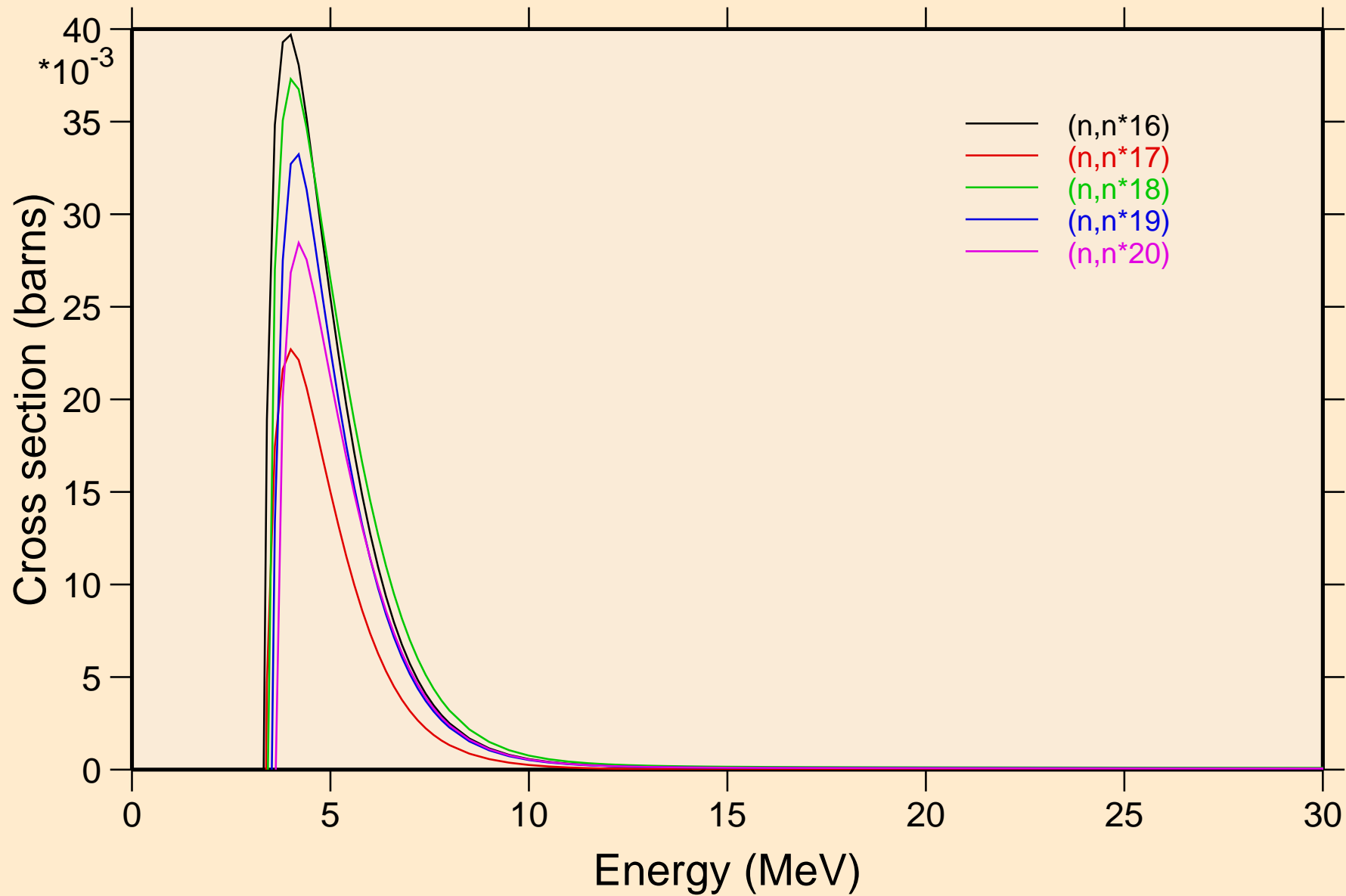
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



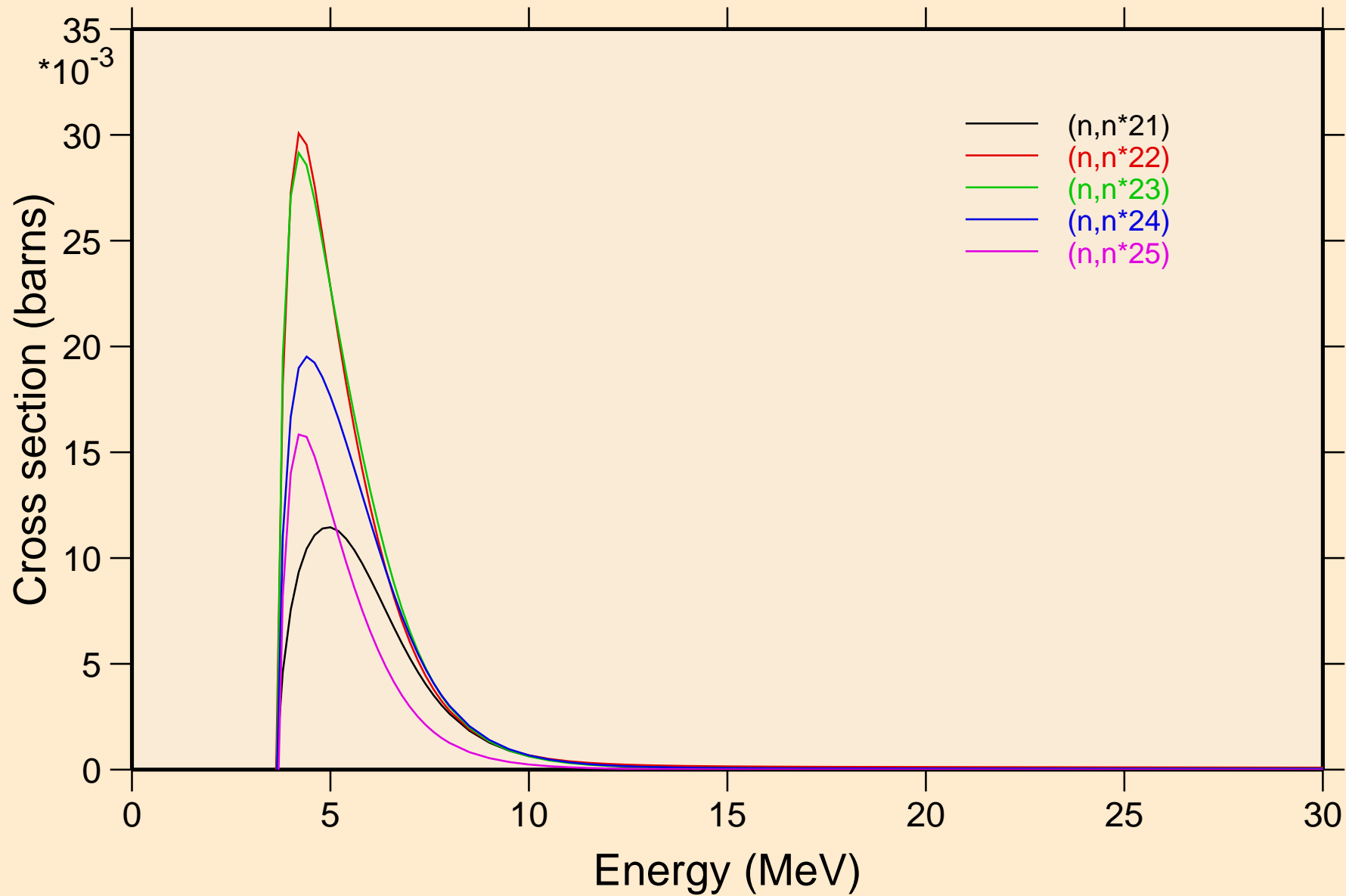
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



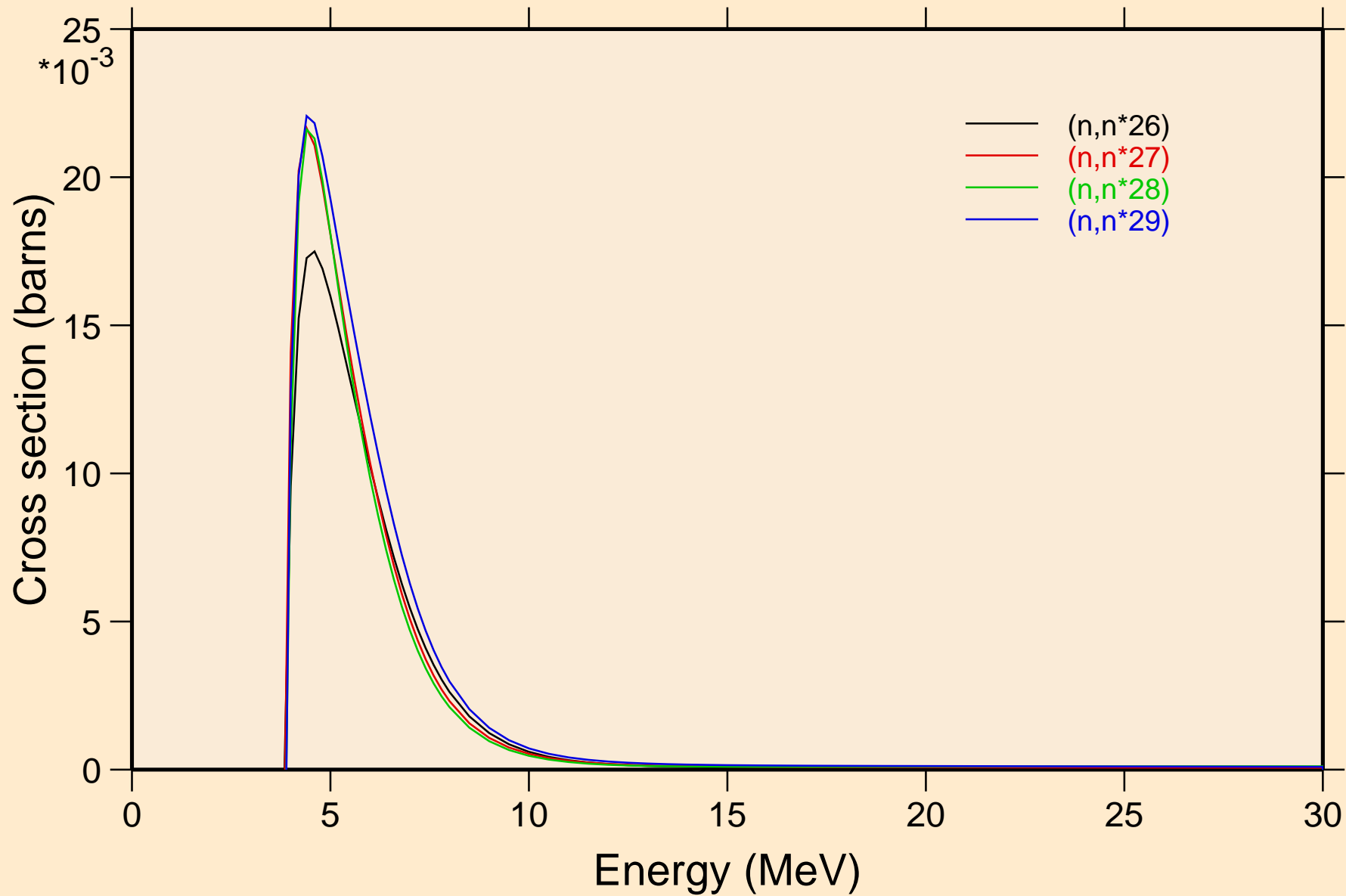
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

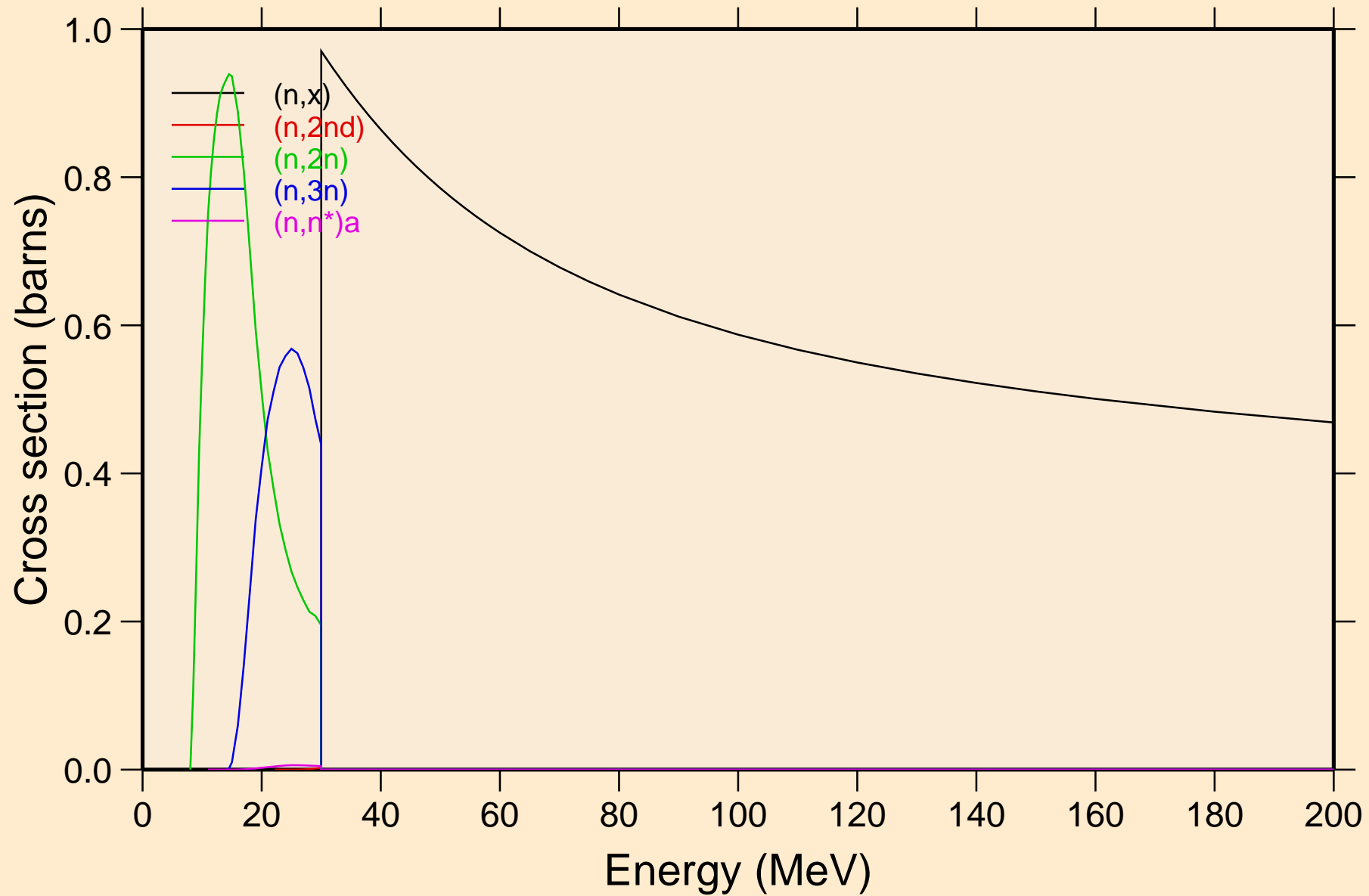


CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

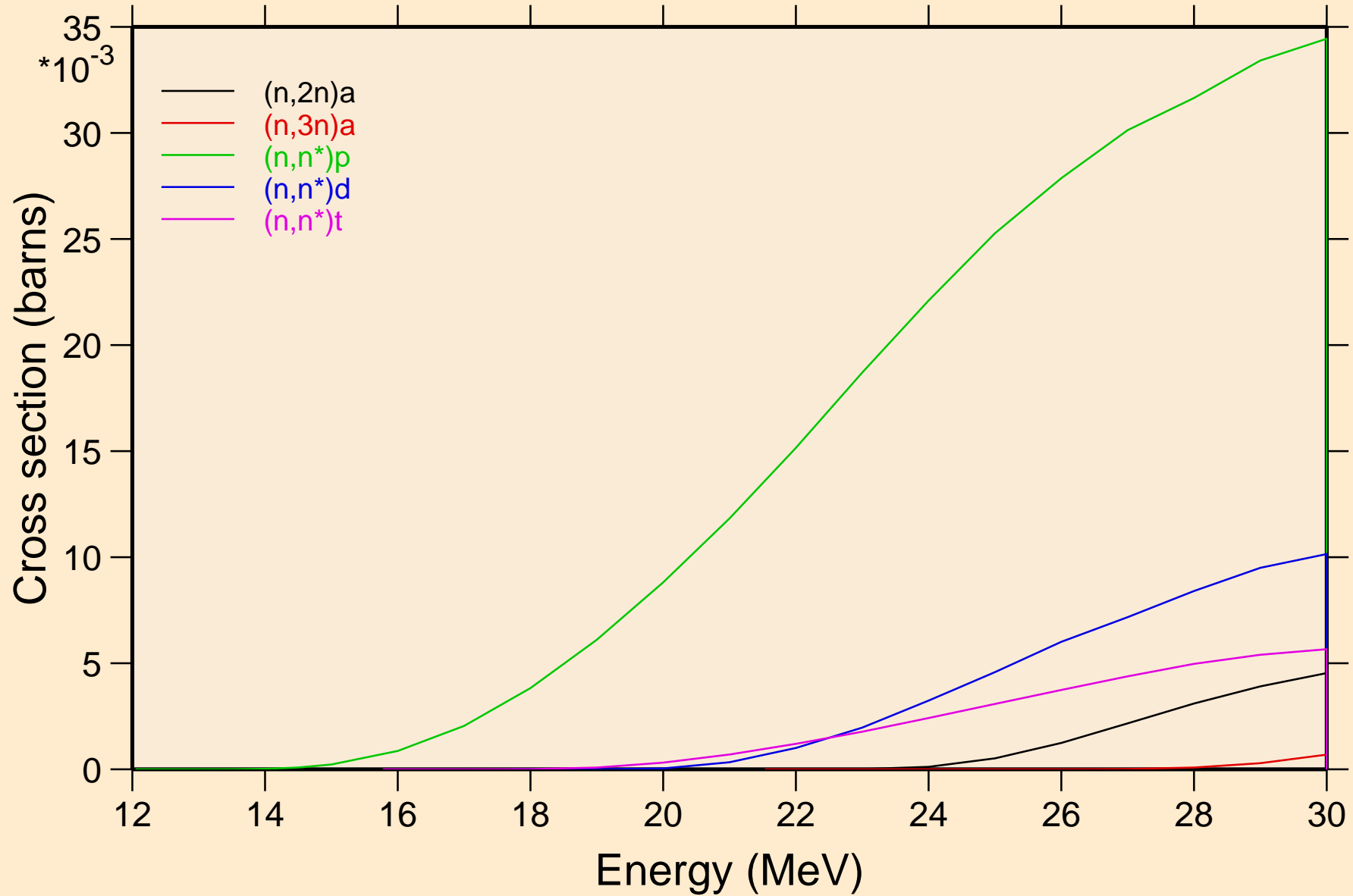




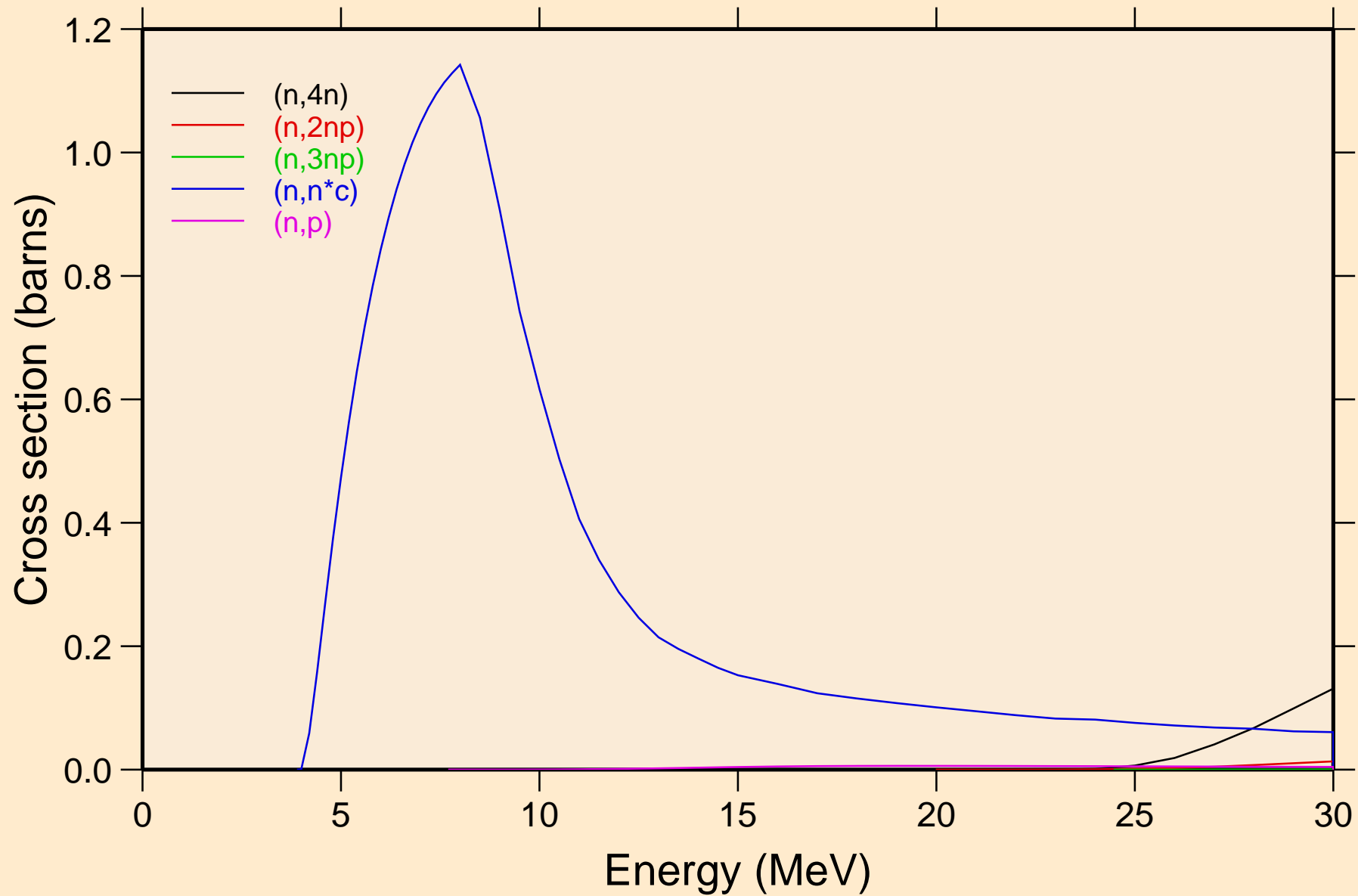
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Threshold reactions



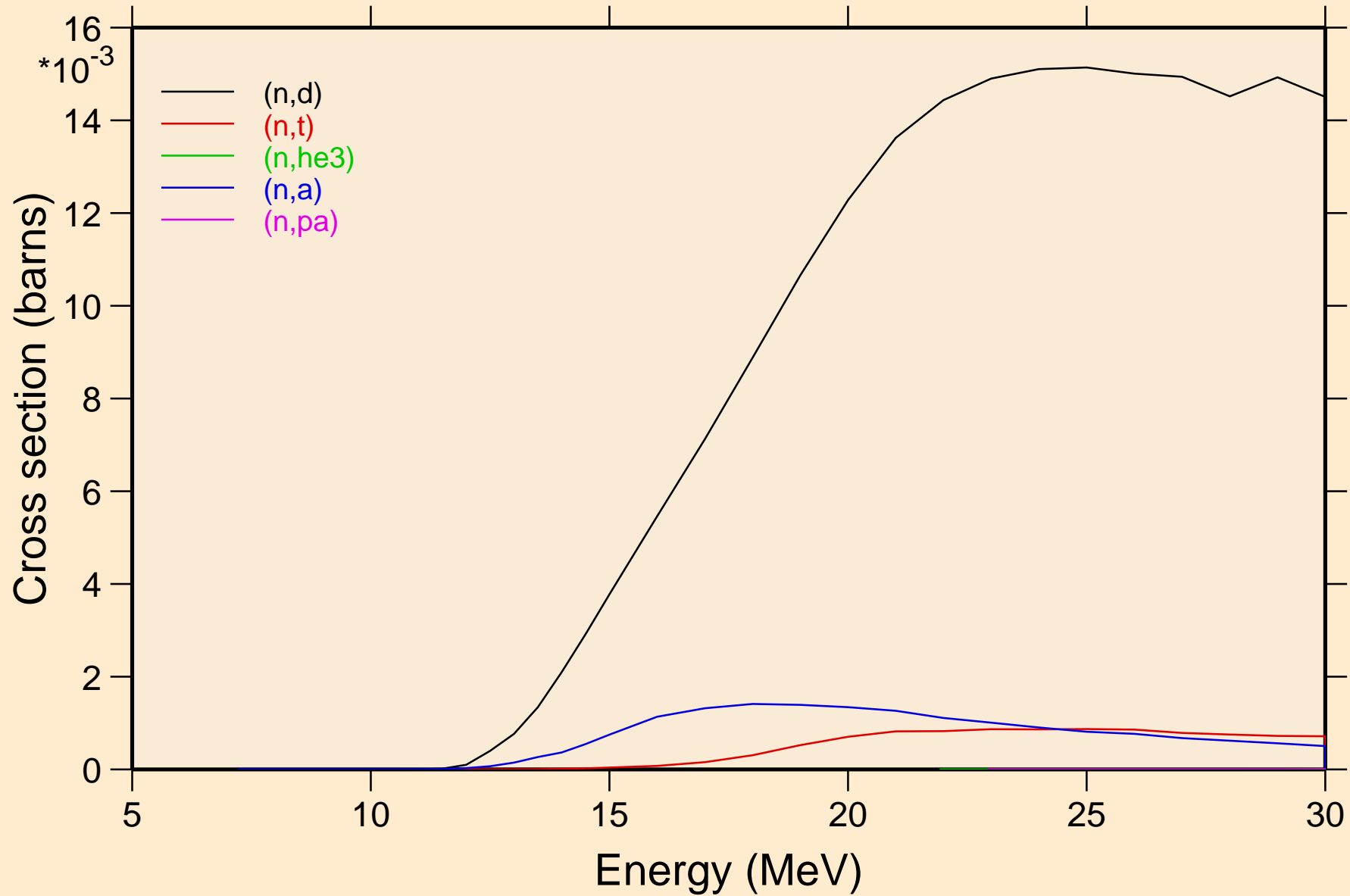
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



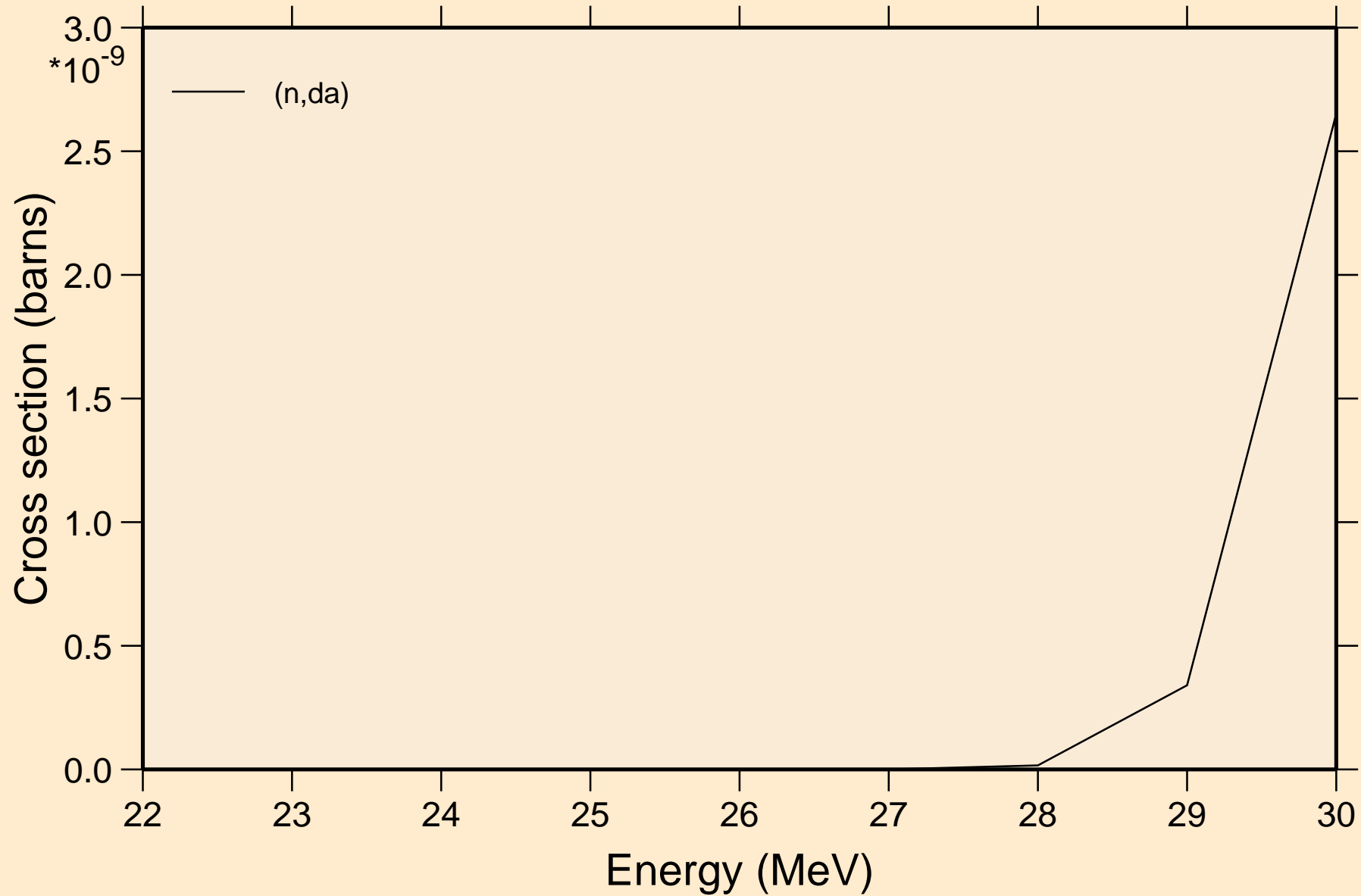
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



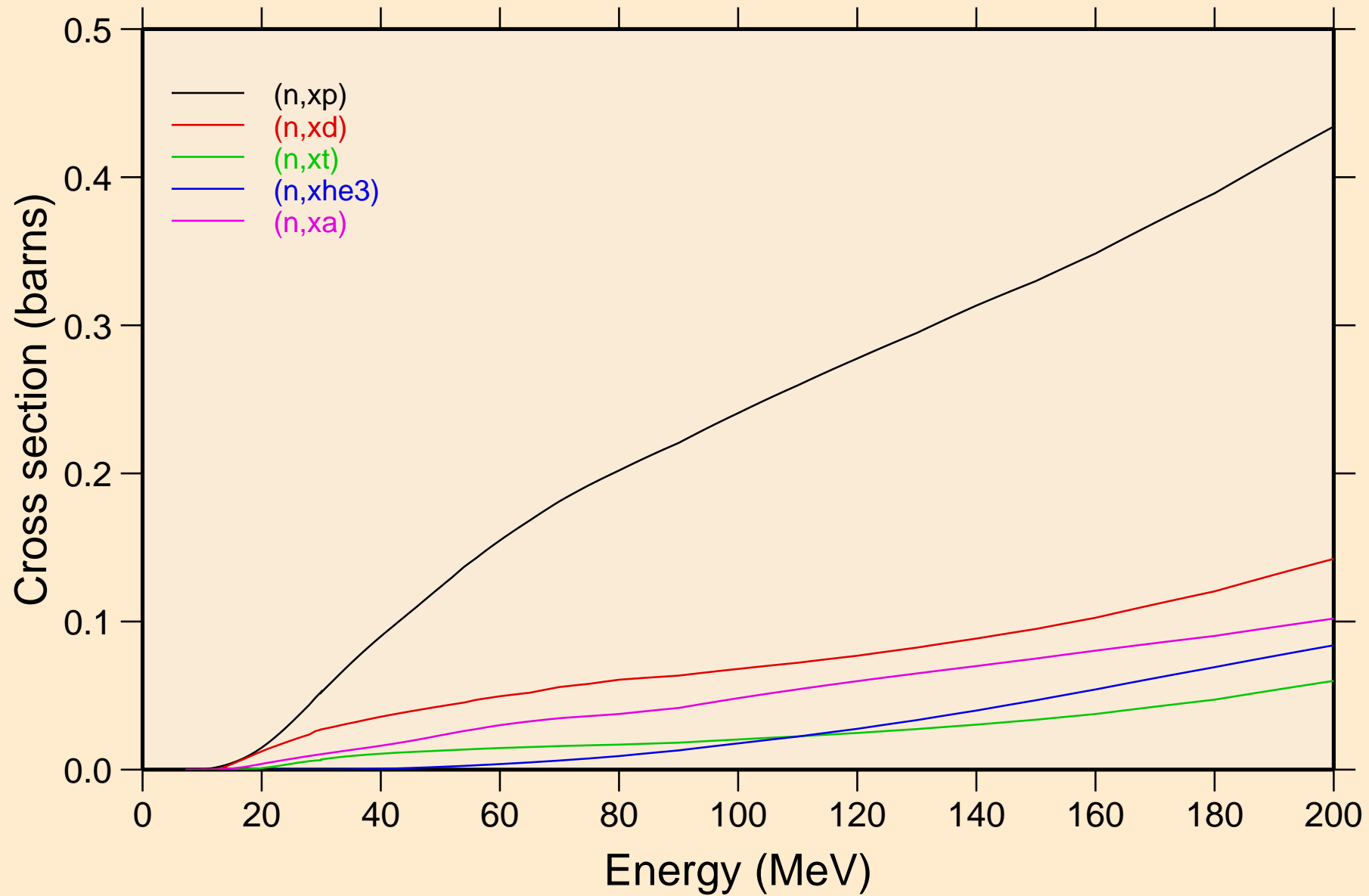
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Threshold reactions



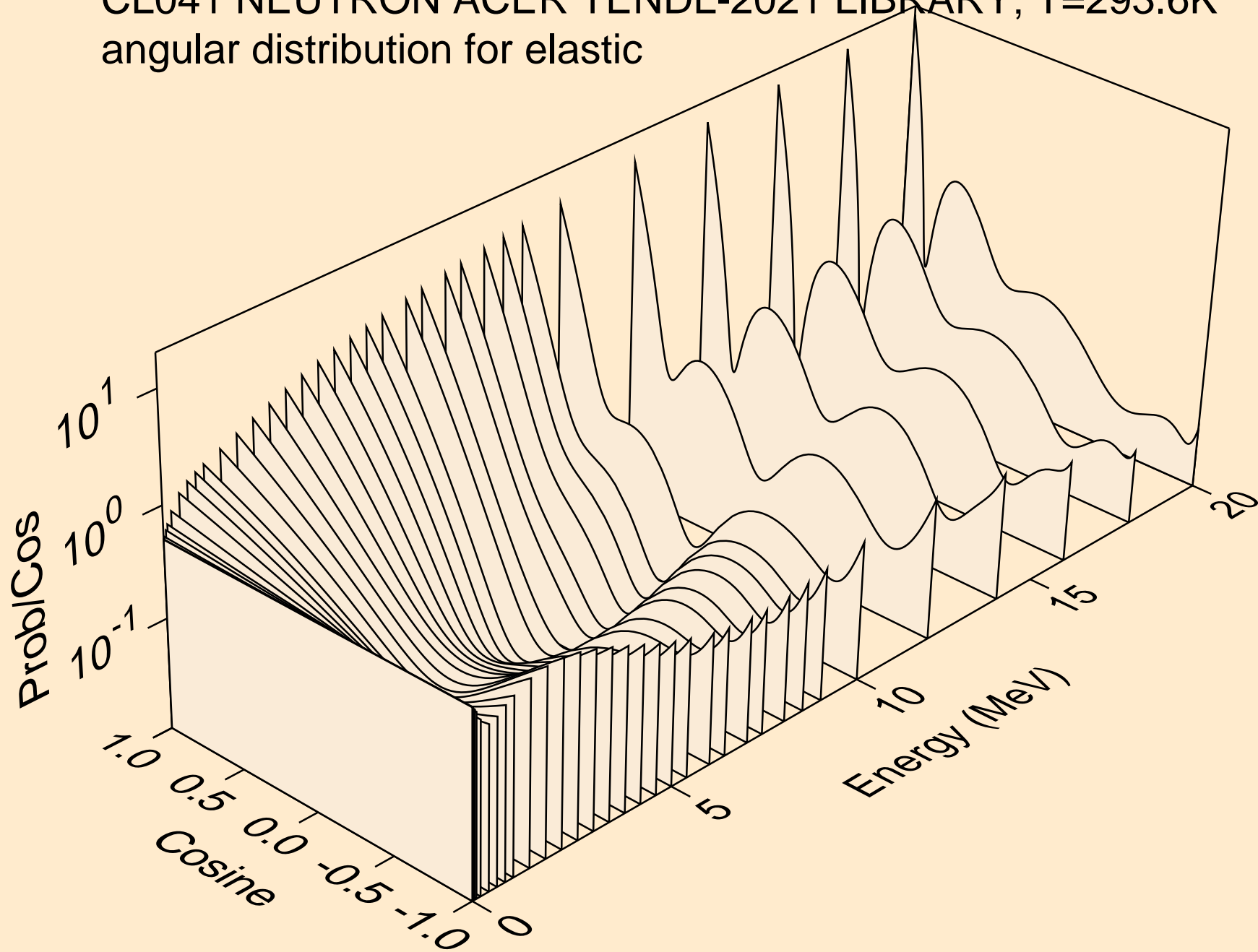
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Threshold reactions



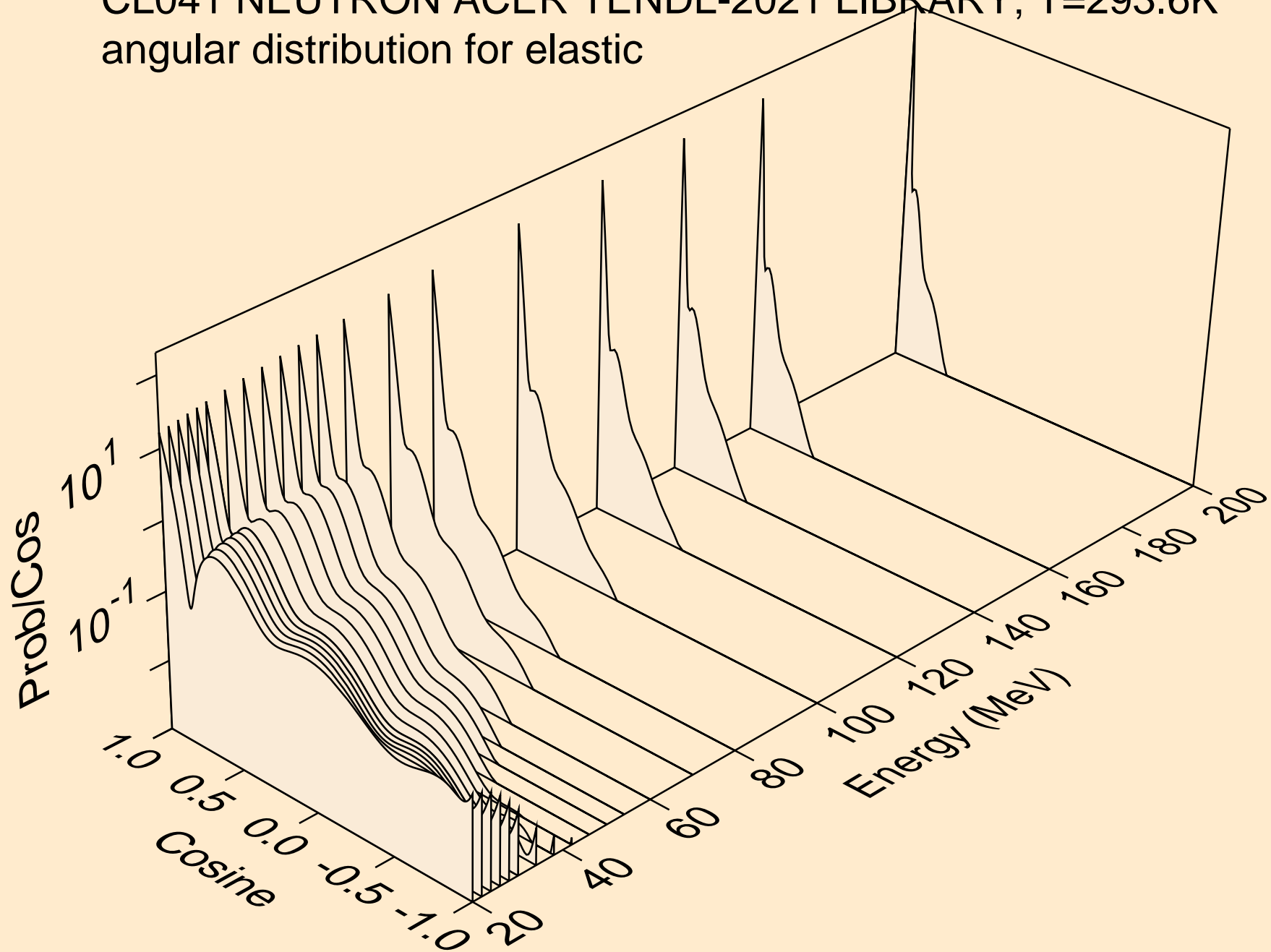
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

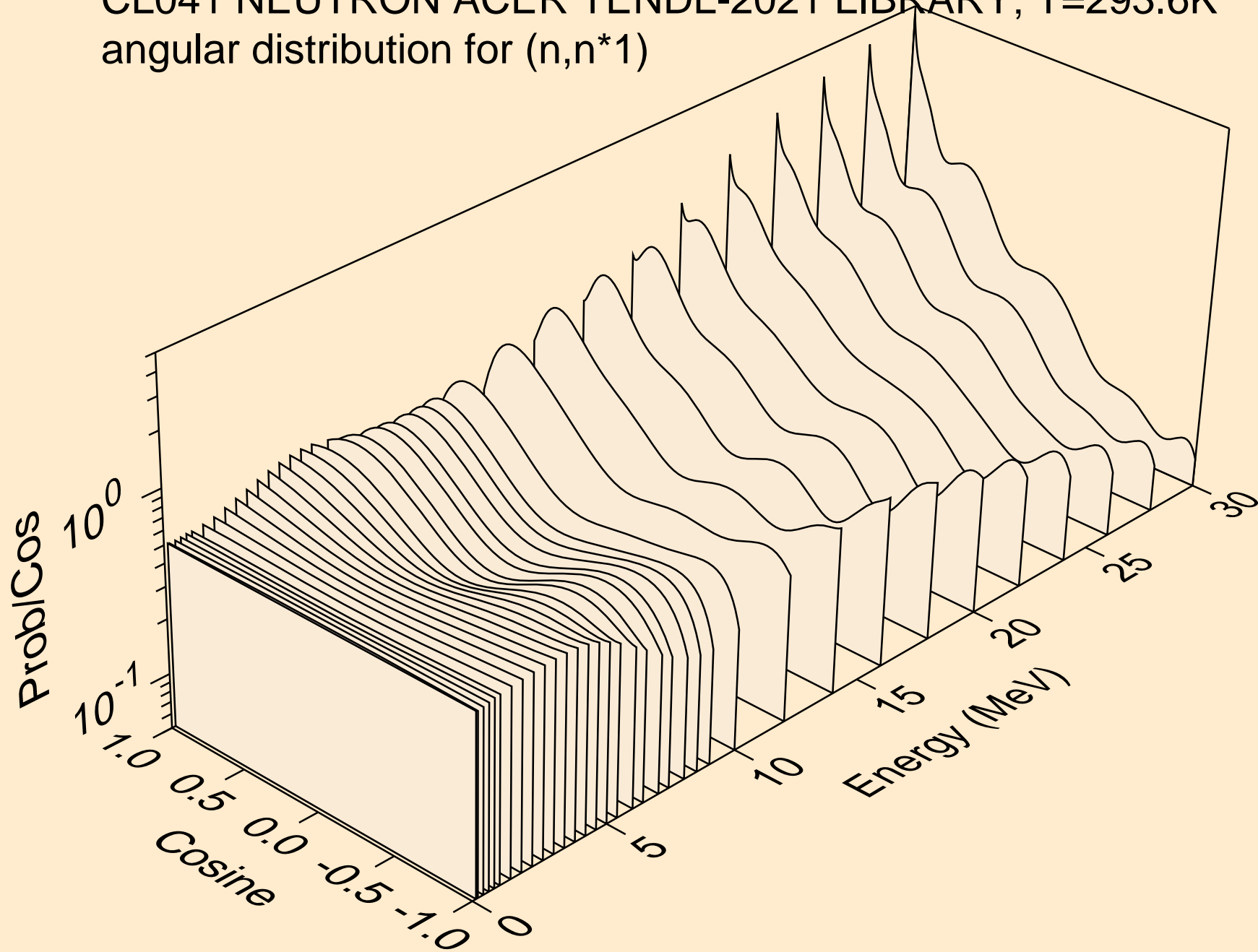


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angular distribution for elastic

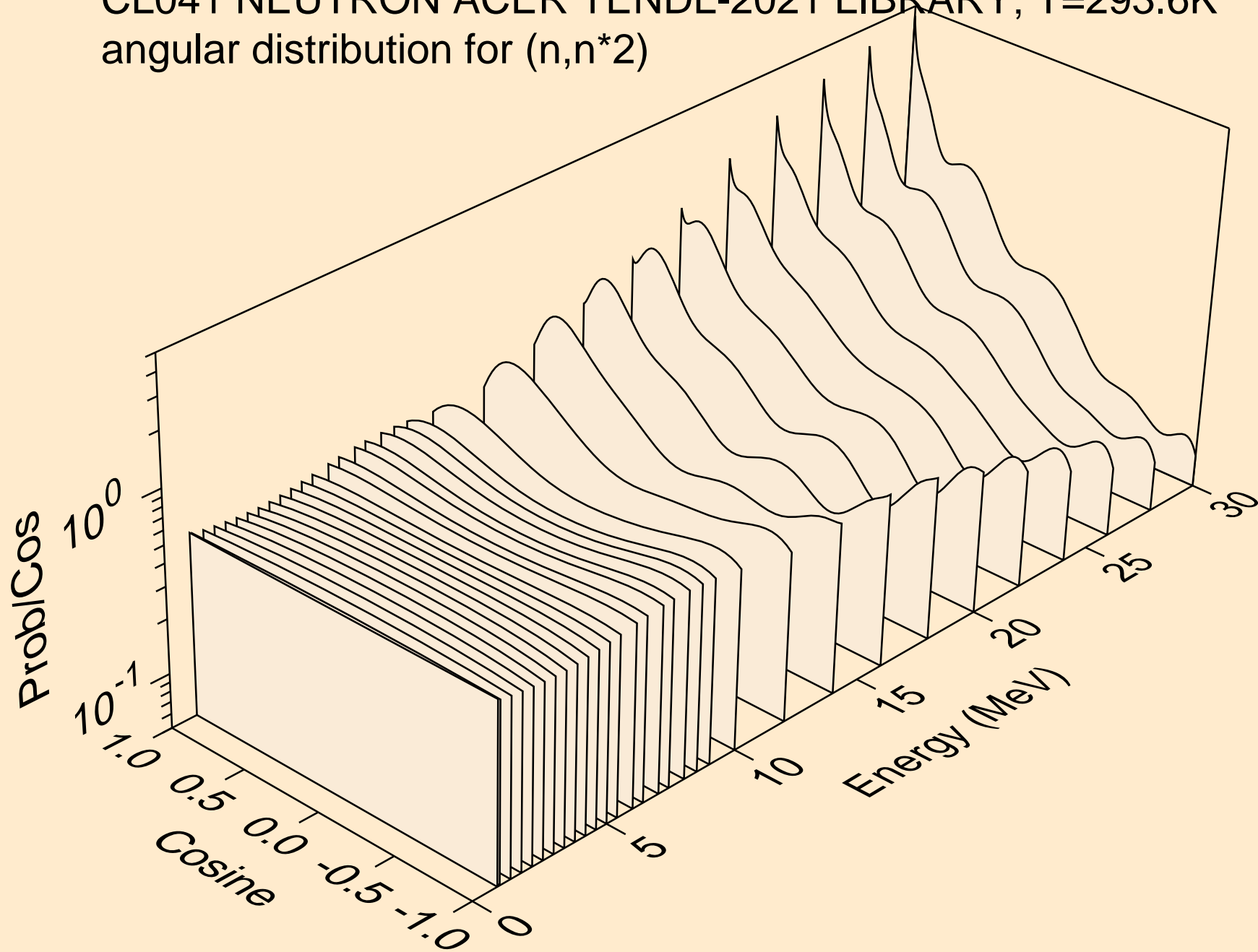




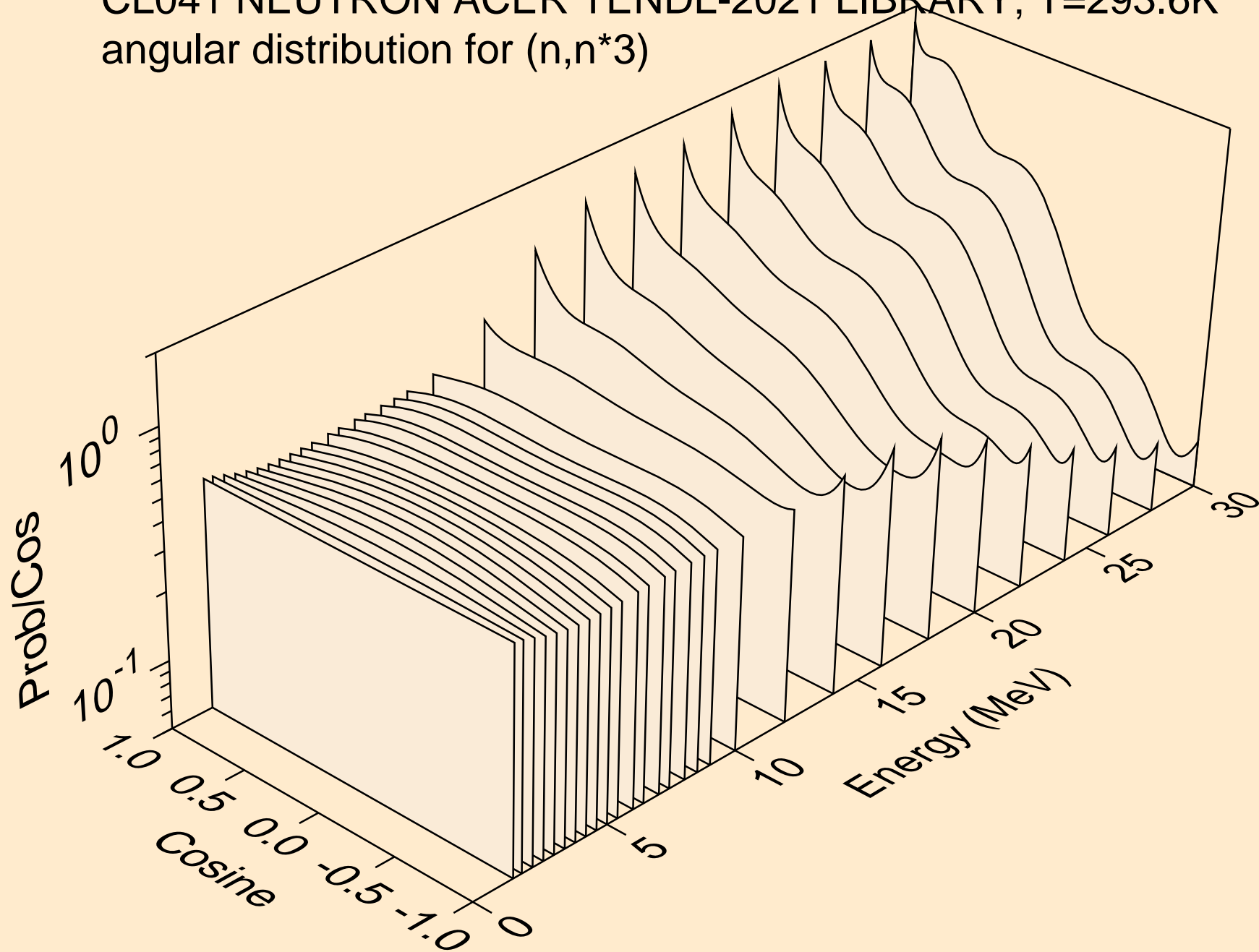
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angular distribution for (n,n\*1)



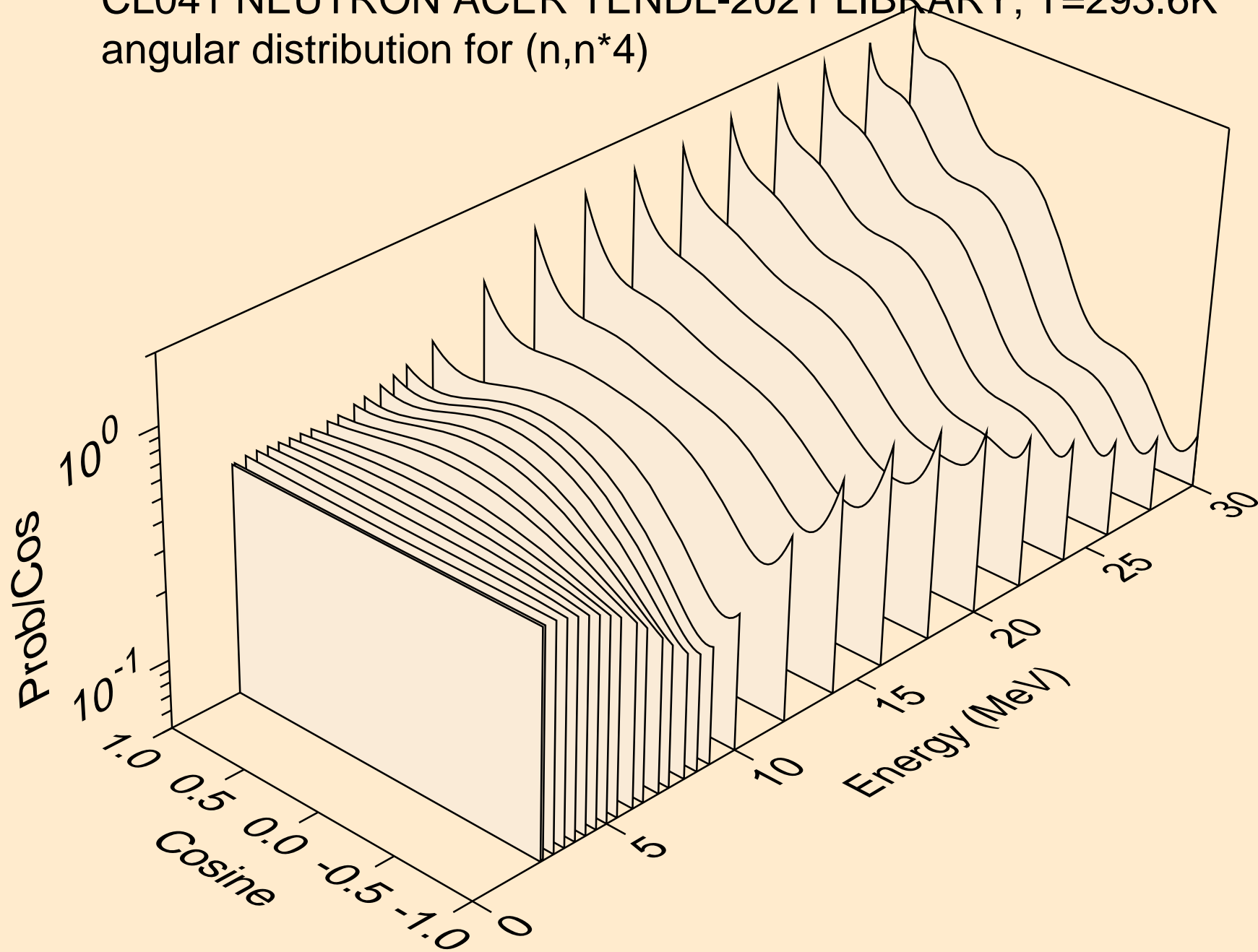
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angular distribution for (n,n\*2)



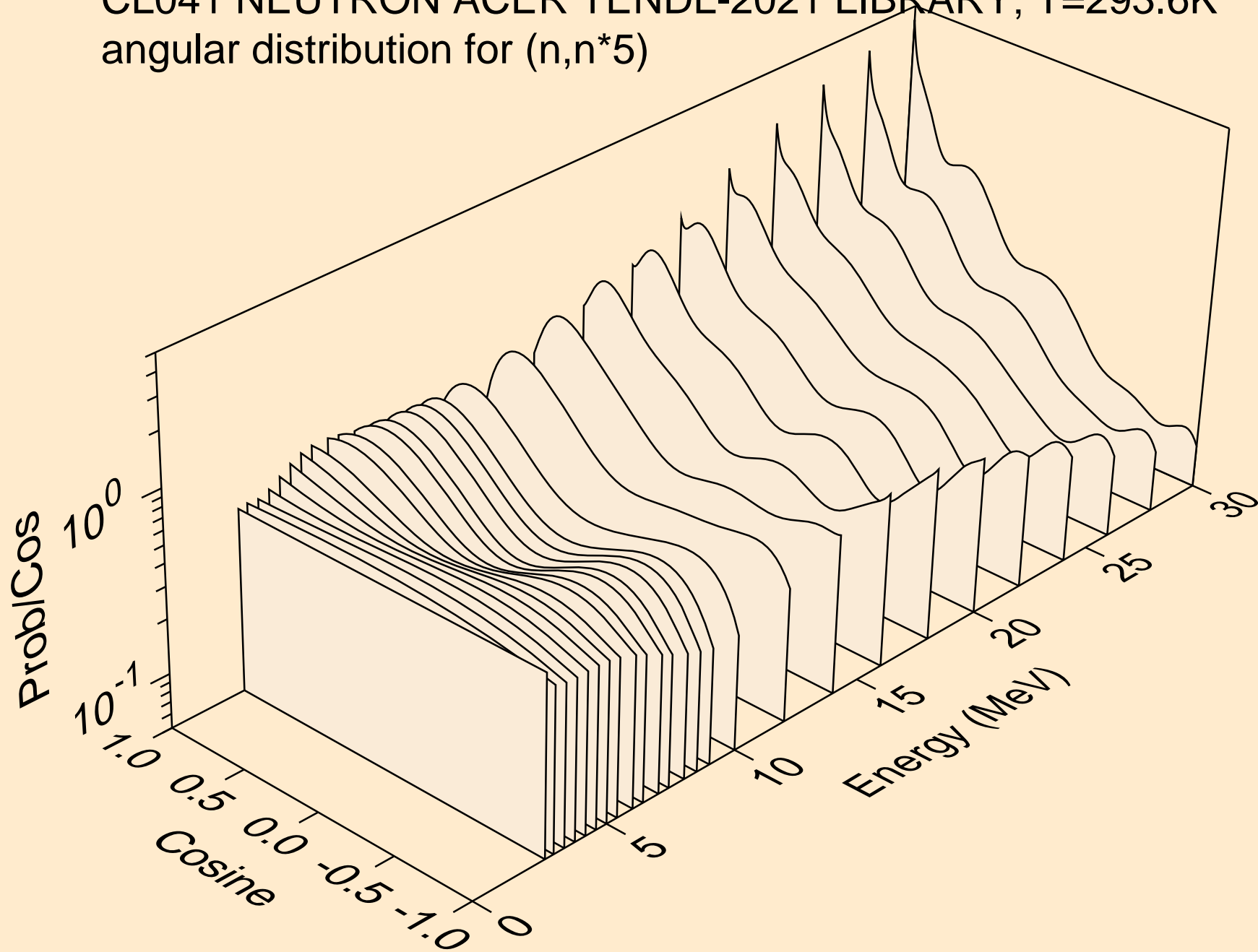
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angular distribution for (n,n\*3)



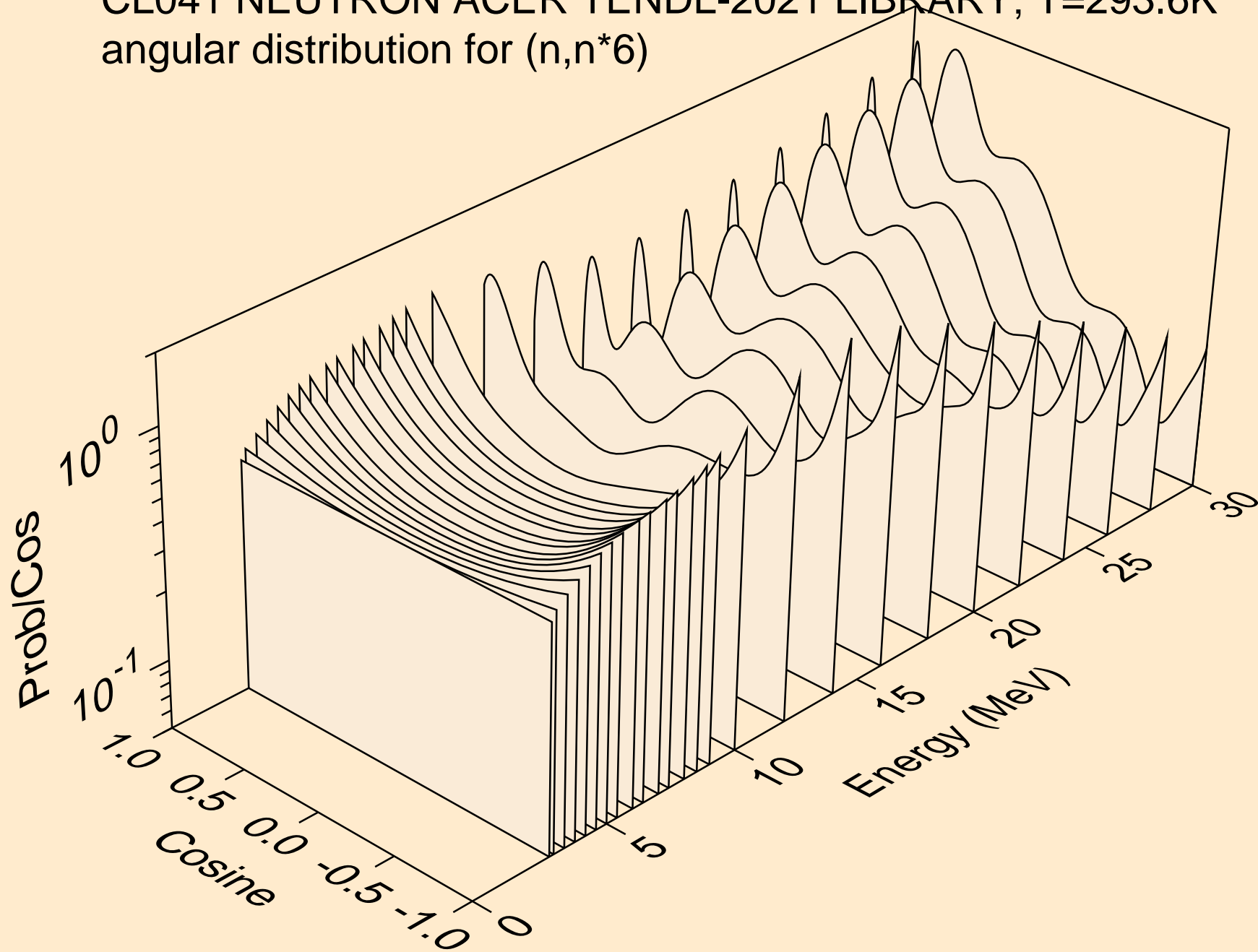
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angular distribution for (n,n\*4)



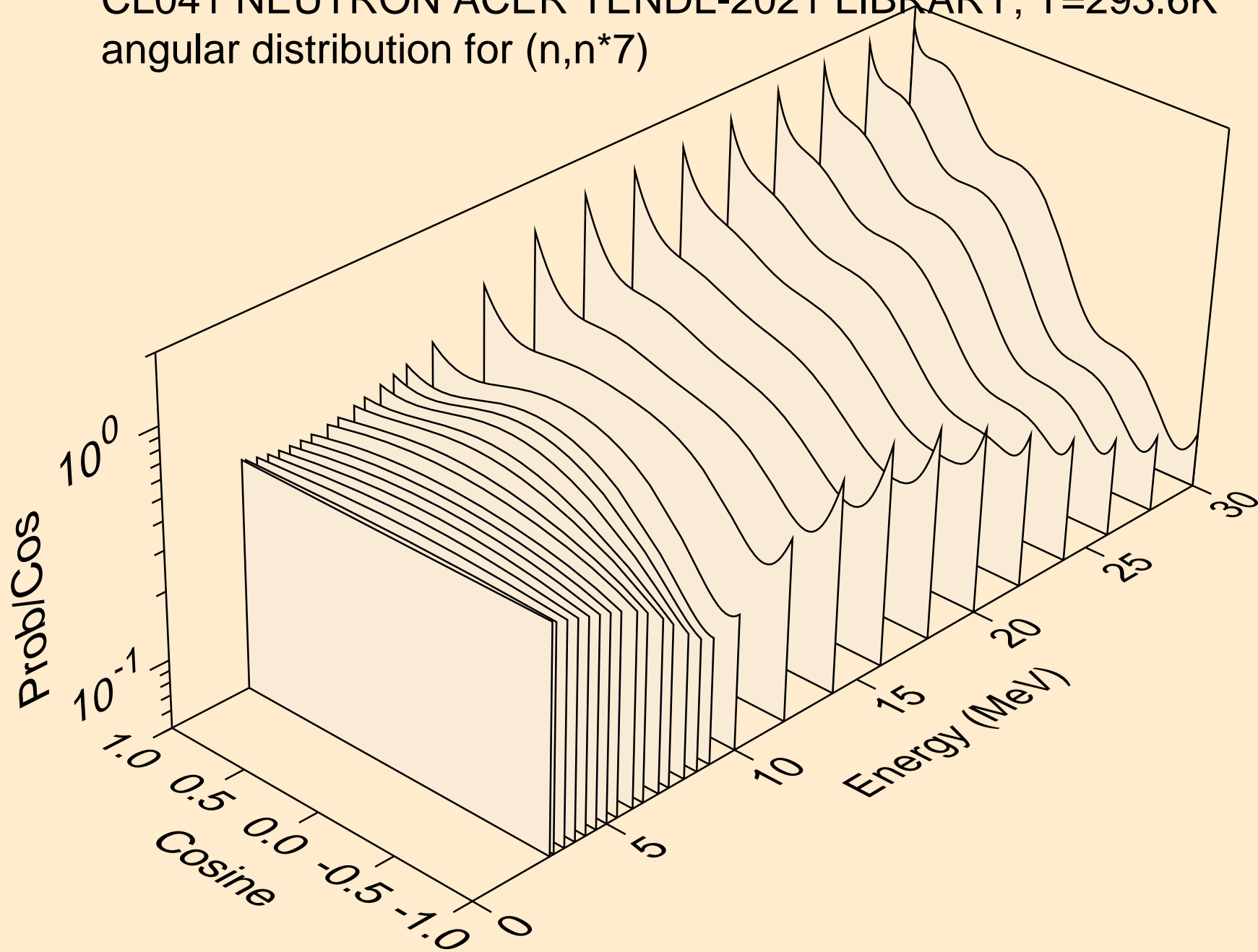
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angular distribution for (n,n\*5)



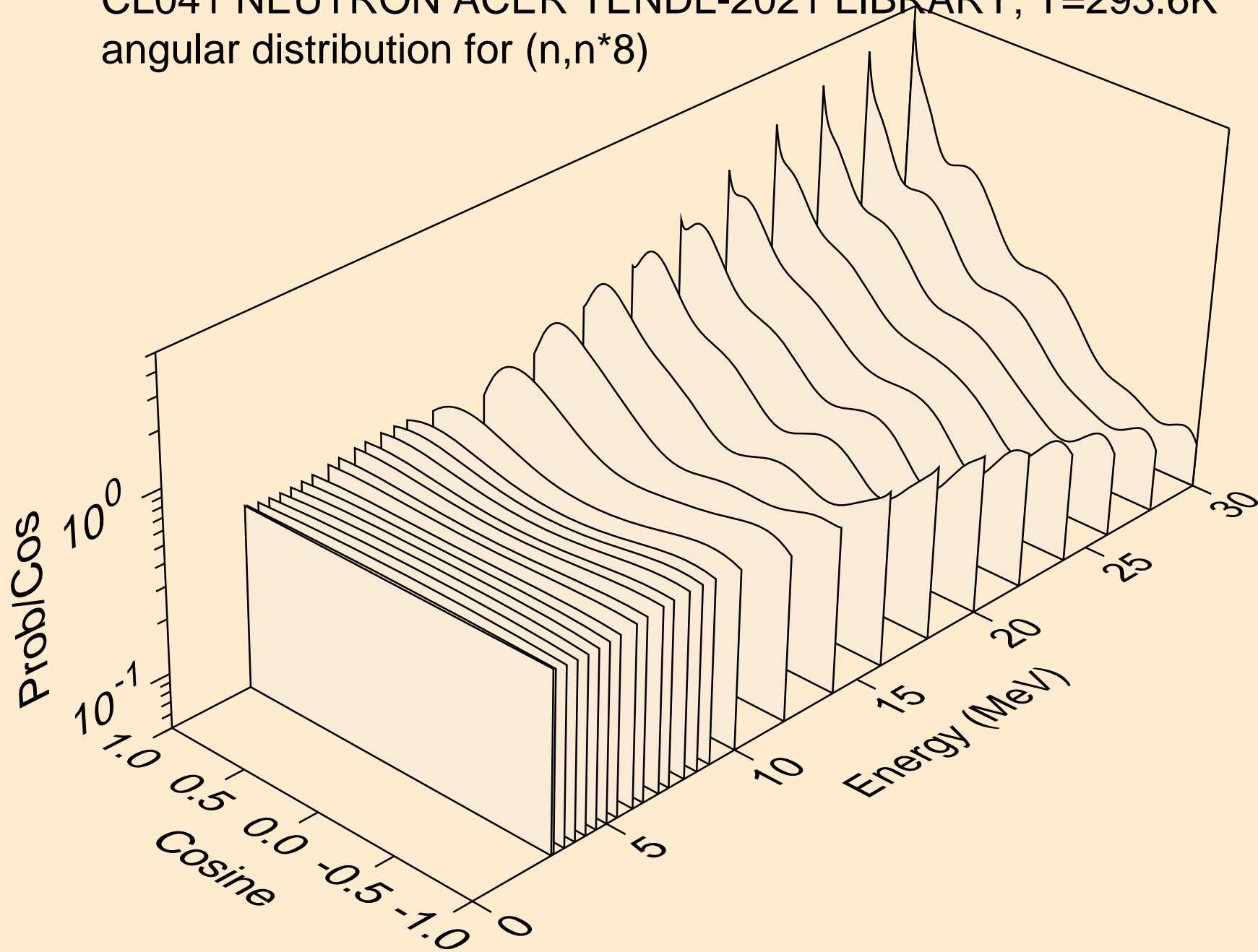
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



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angular distribution for (n,n\*7)

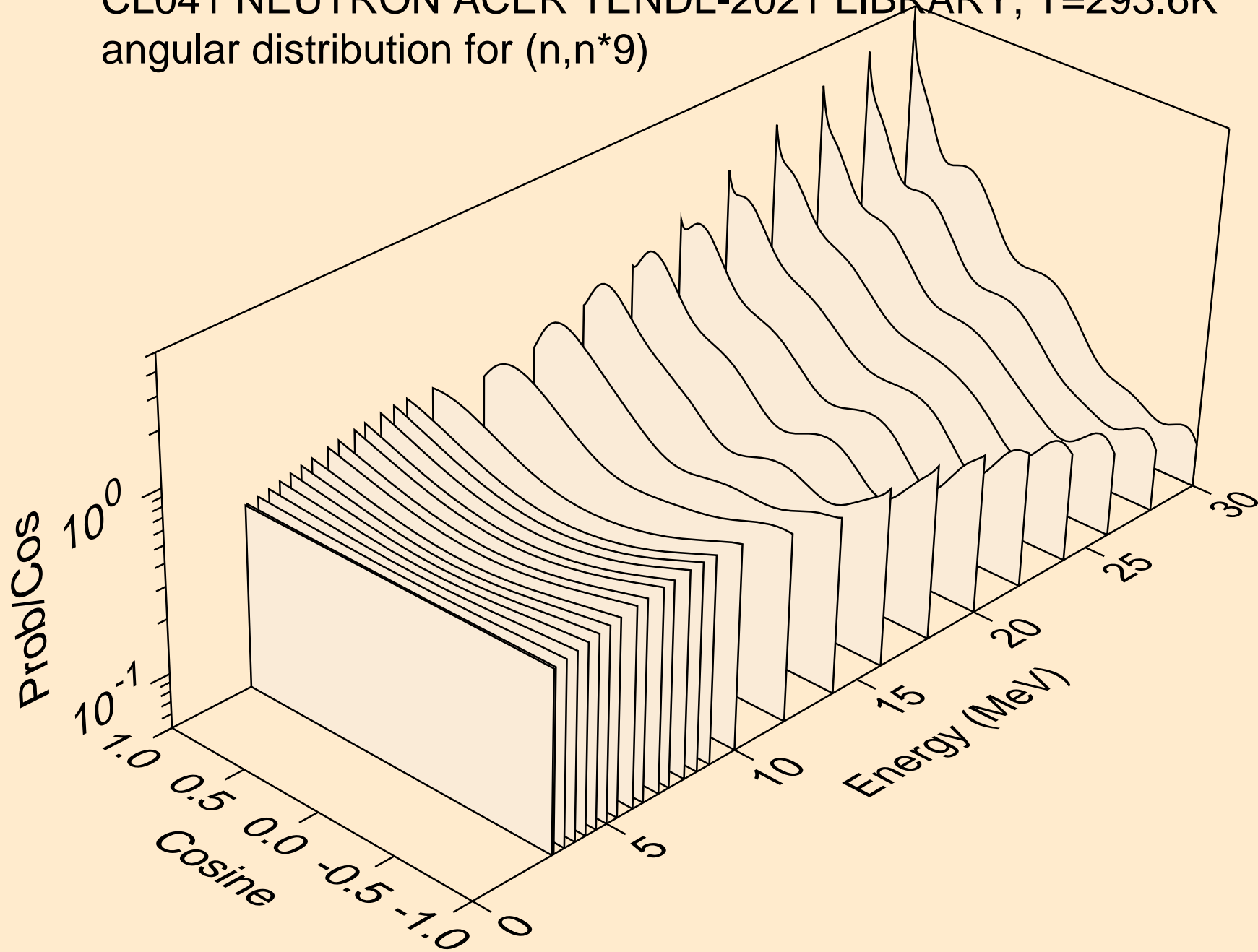


CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

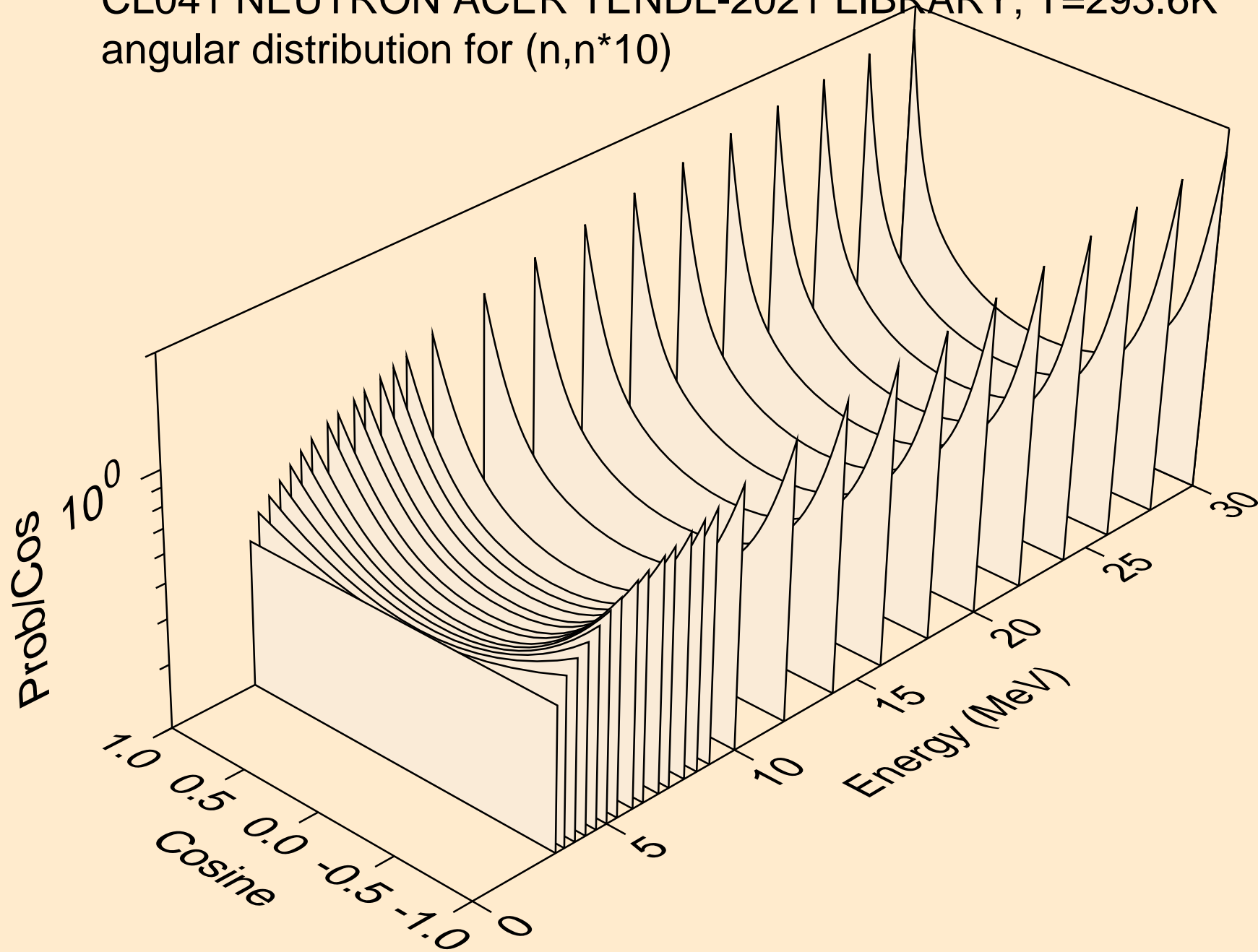




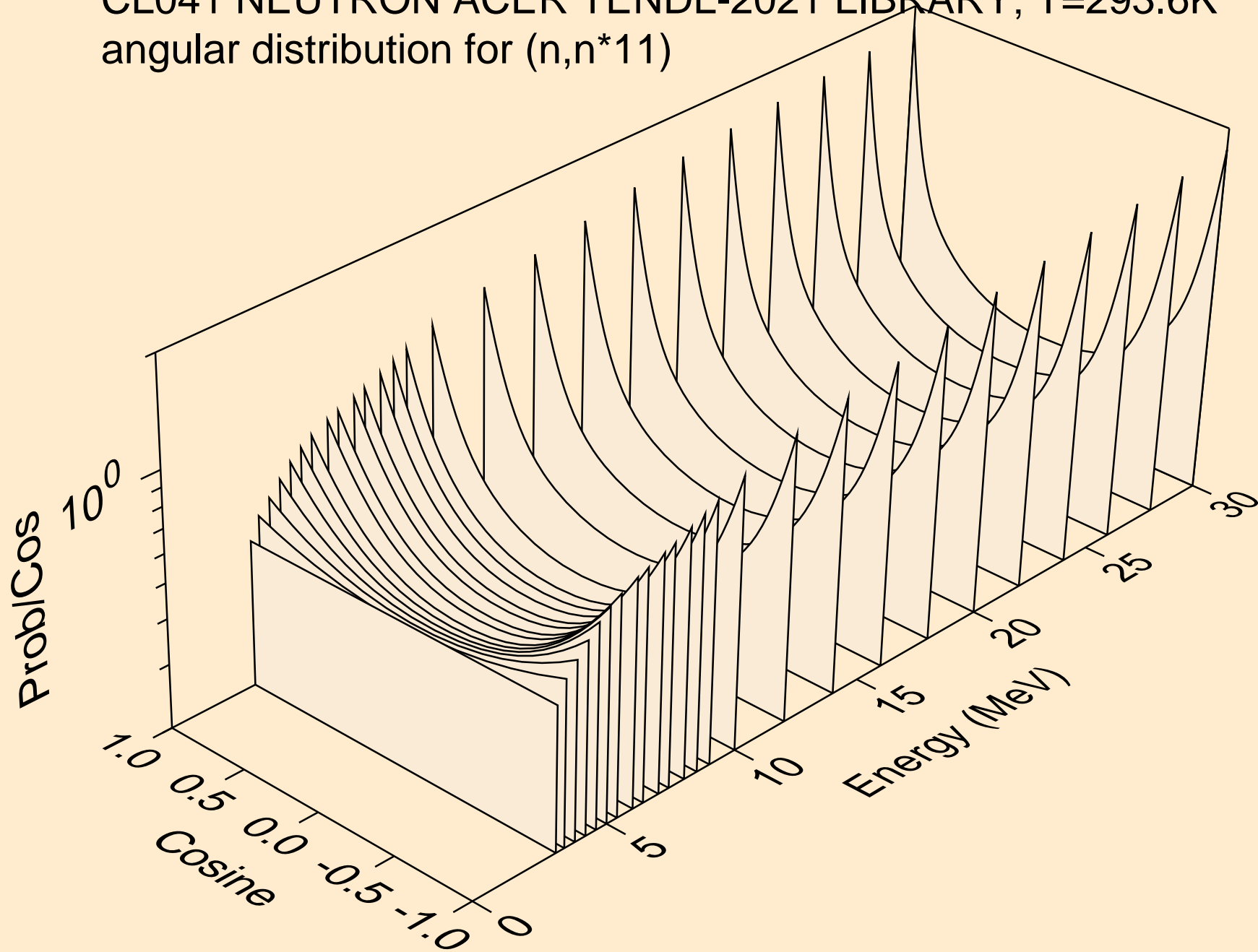
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angular distribution for (n,n\*9)



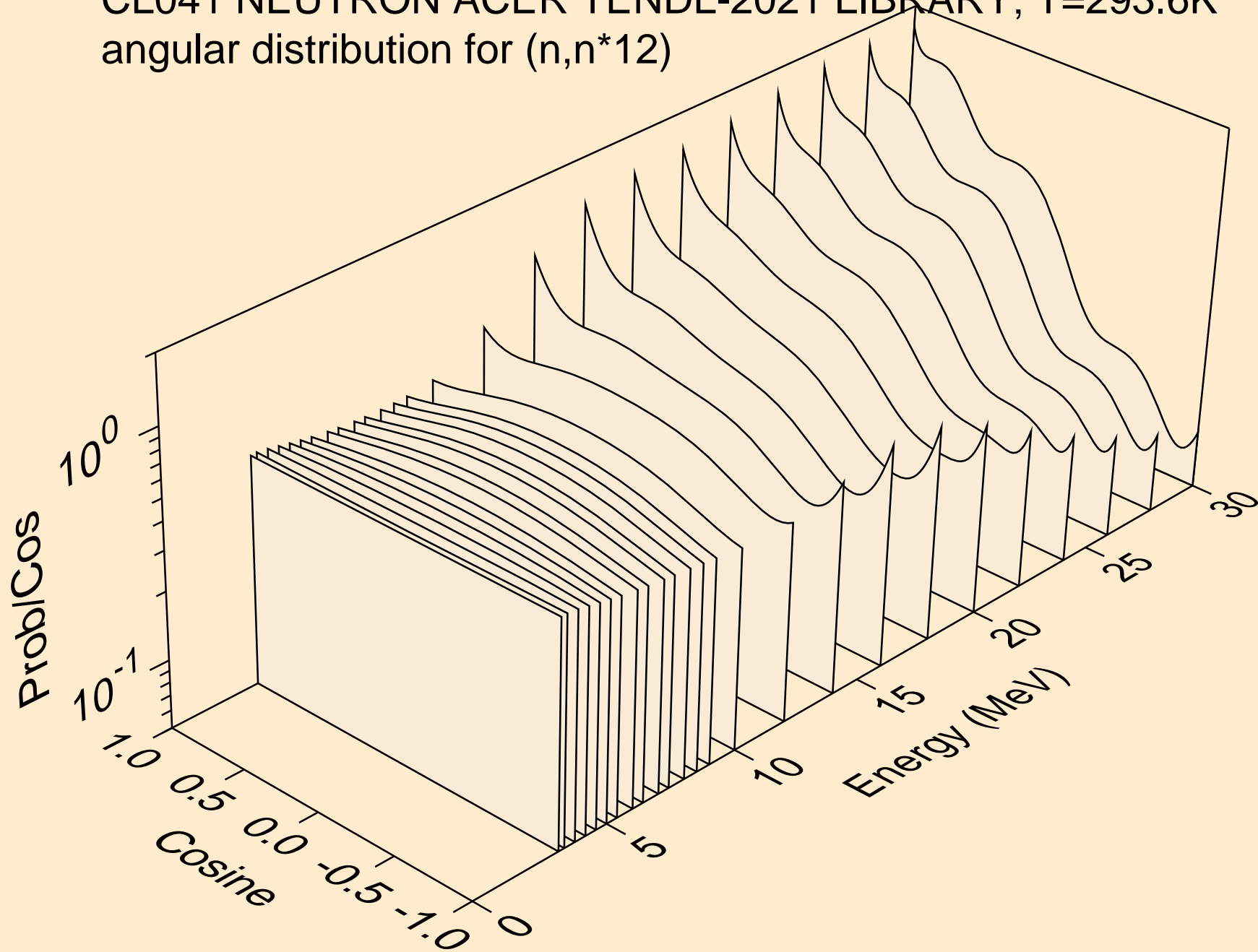
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angular distribution for (n,n\*10)



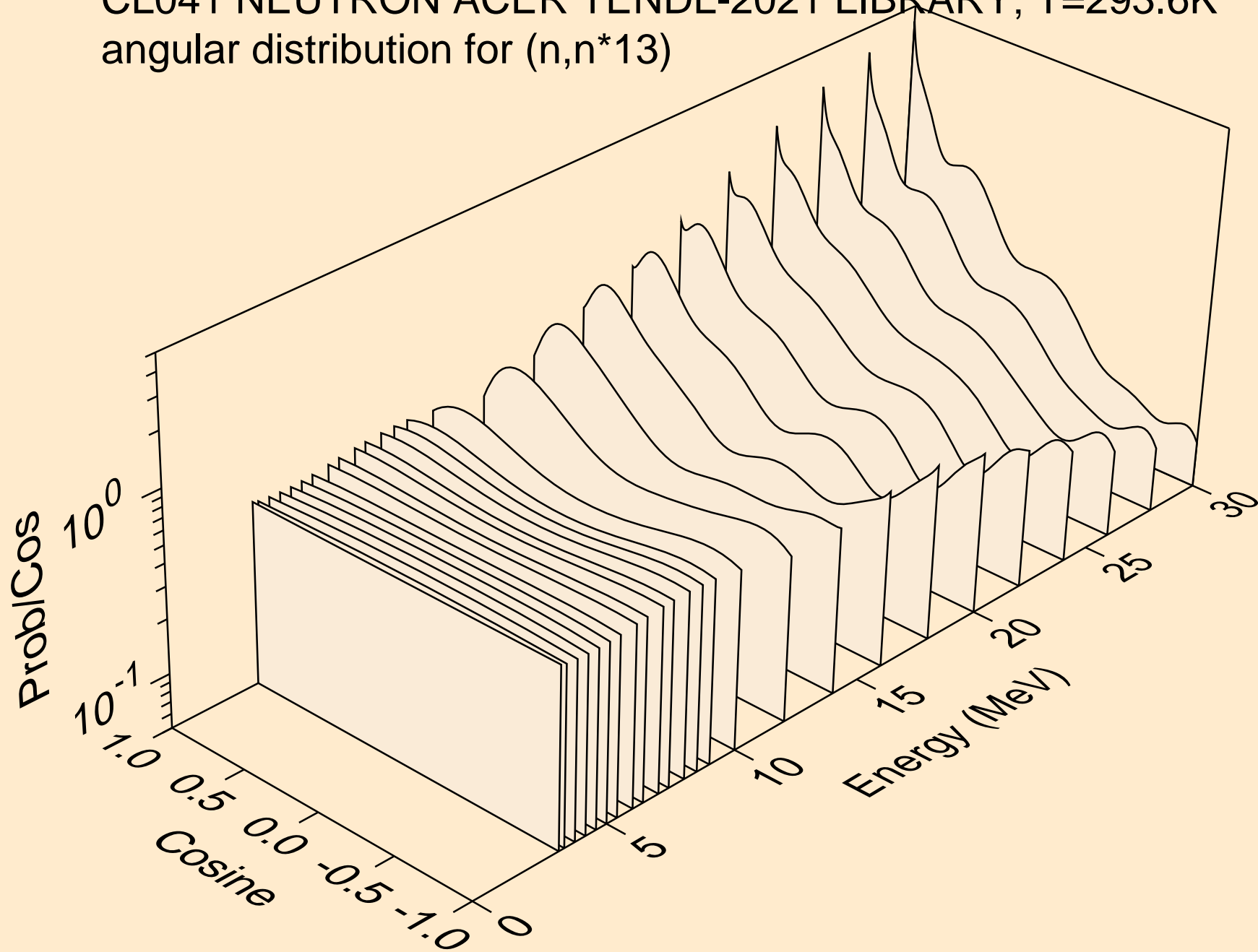
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angular distribution for (n,n\*11)



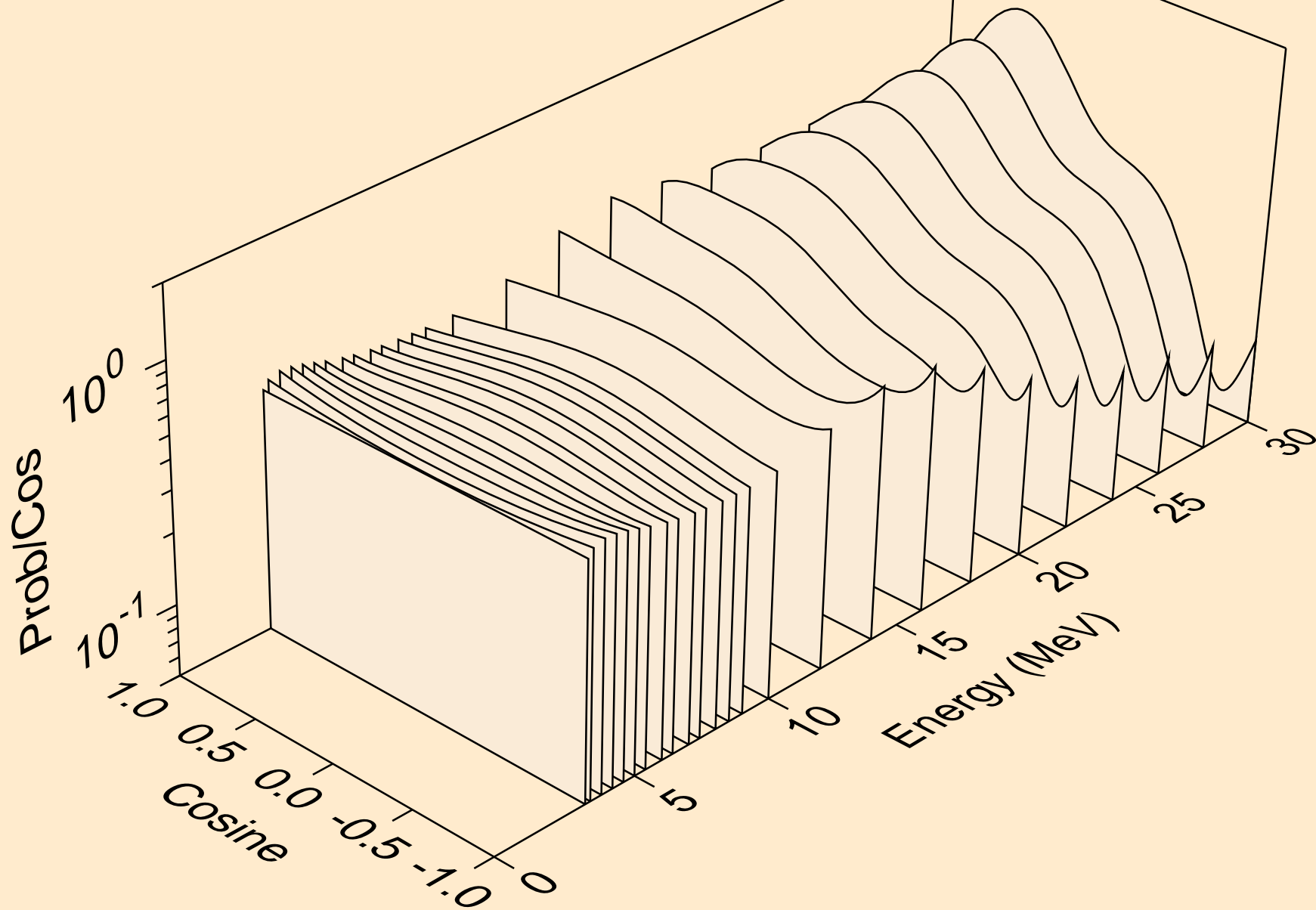
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angular distribution for (n,n\*12)



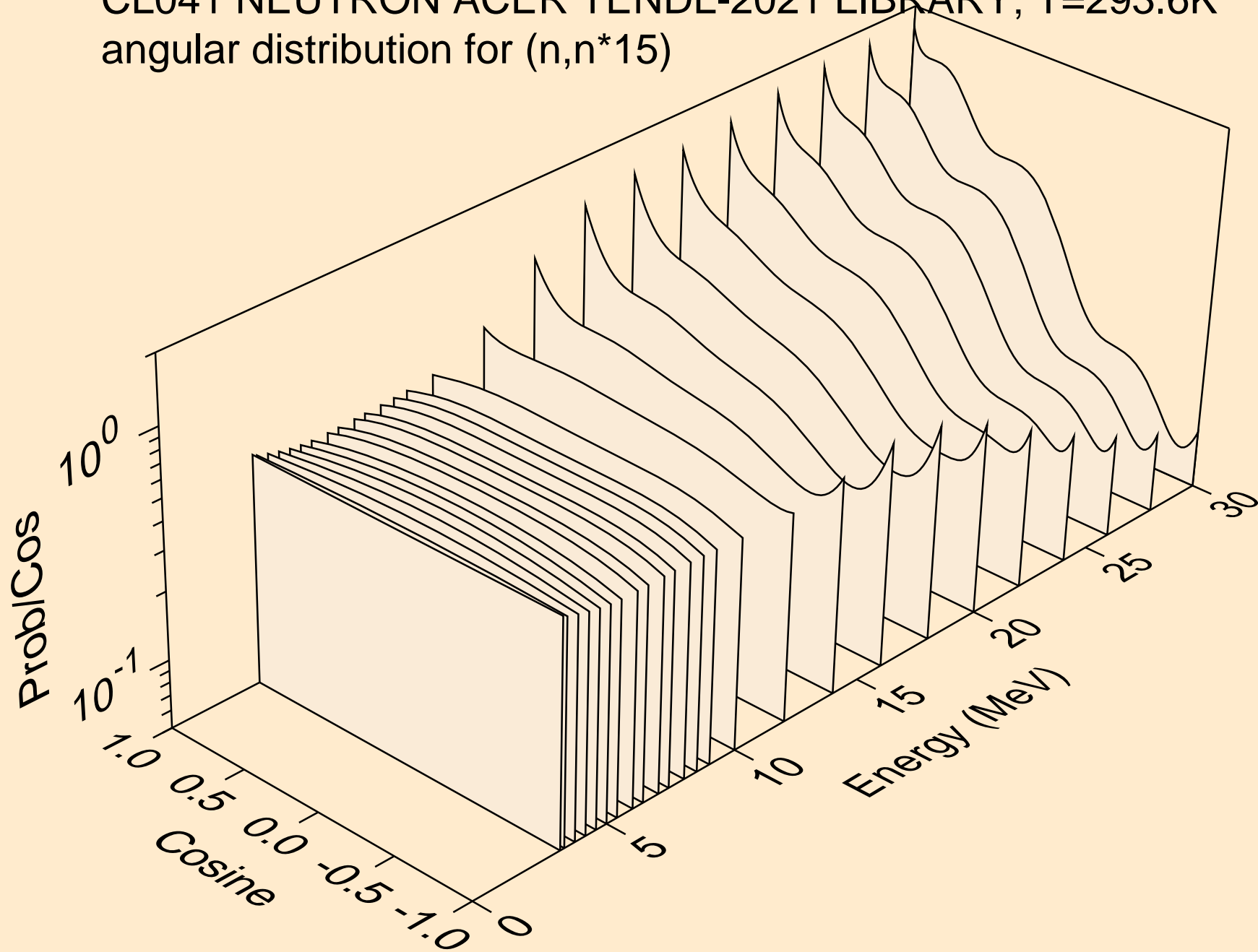
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angular distribution for (n,n\*13)



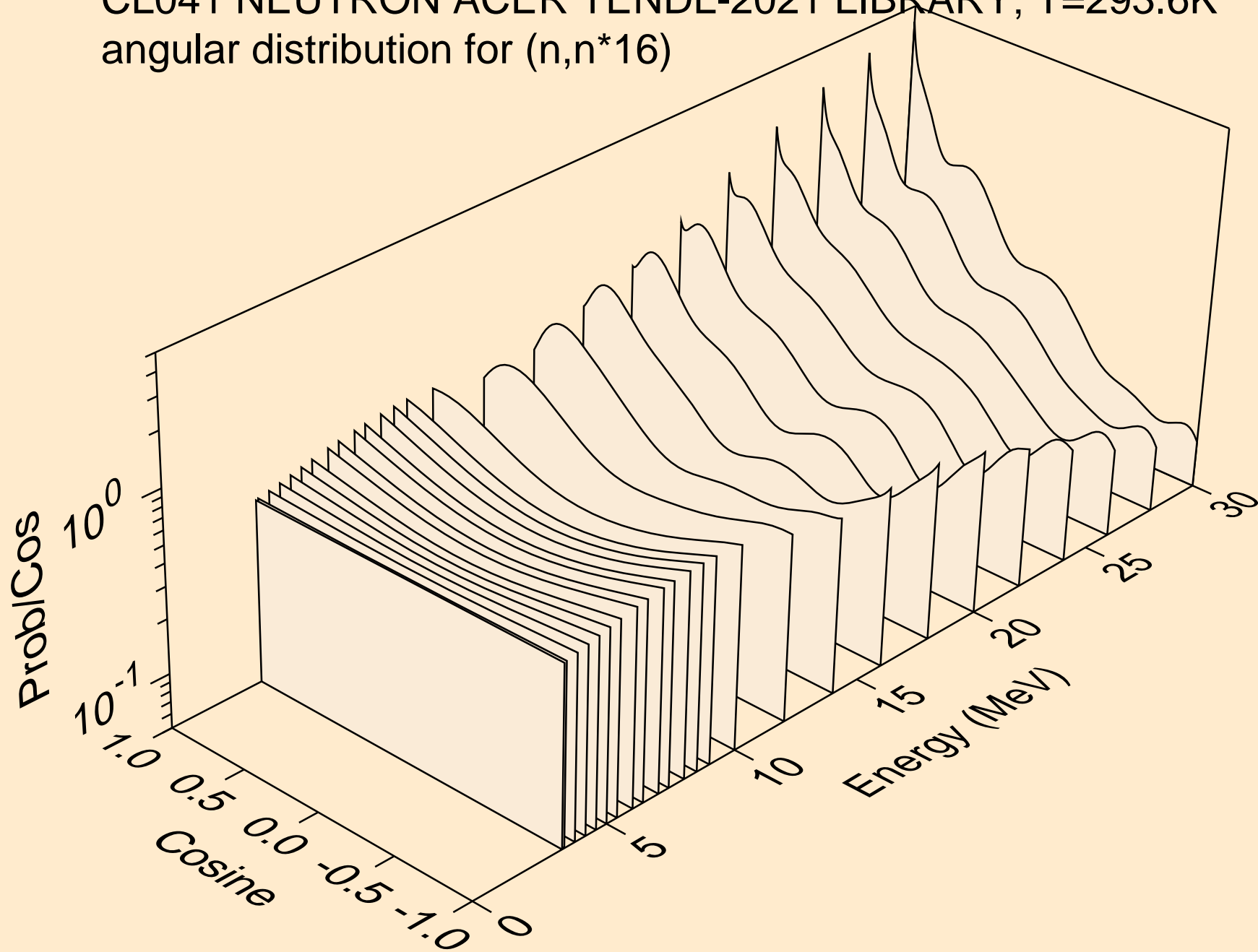
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*14)



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angular distribution for (n,n\*15)

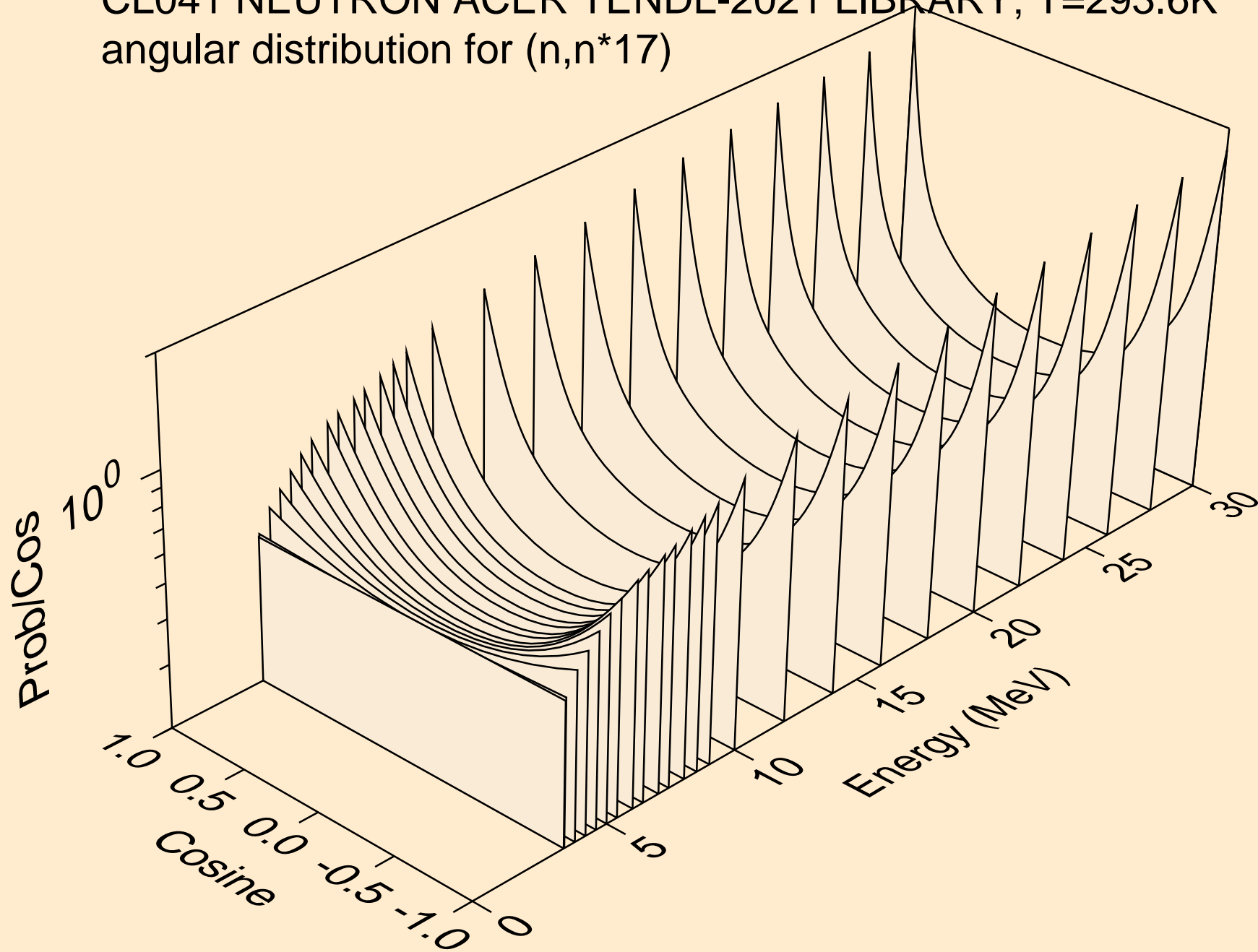


CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

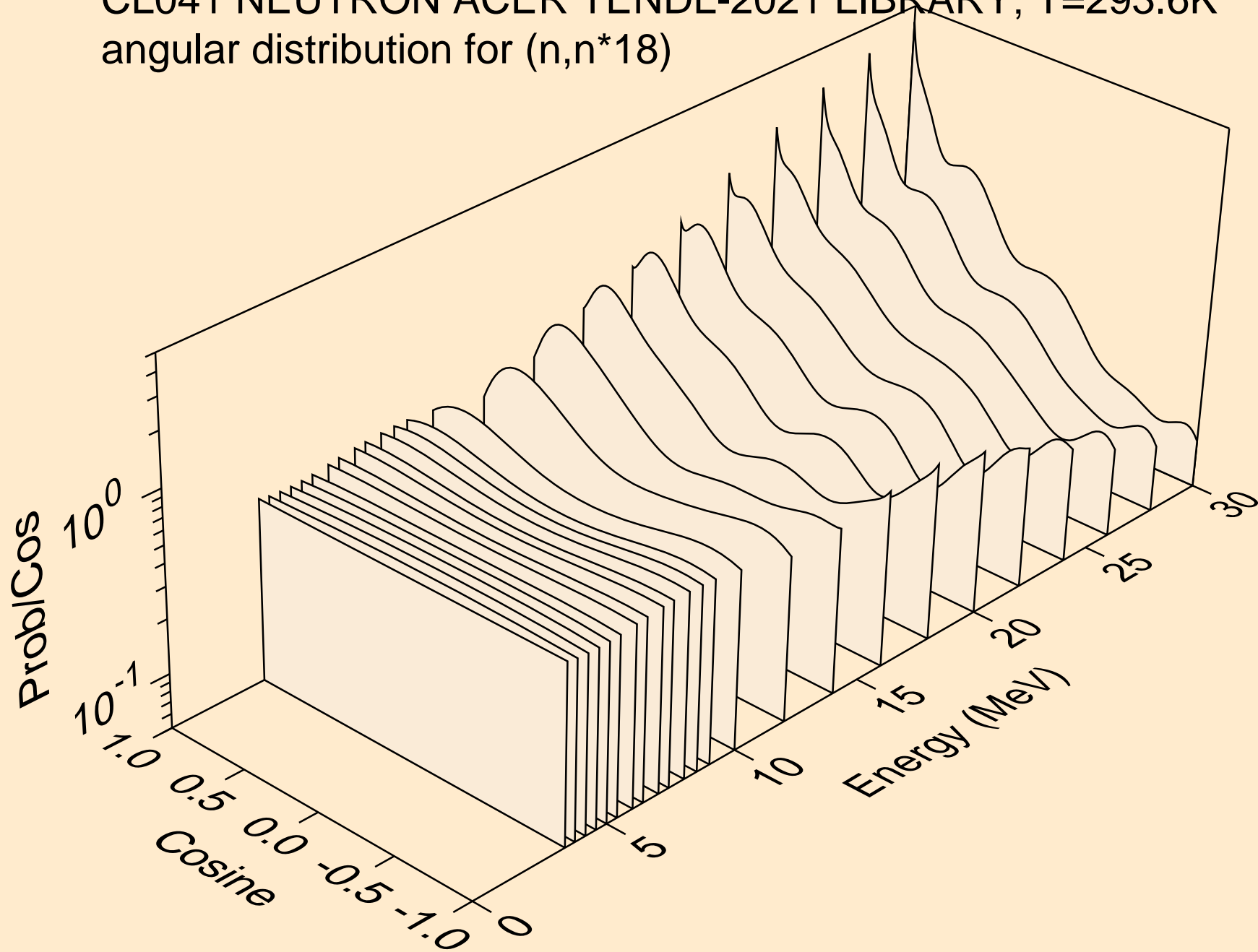




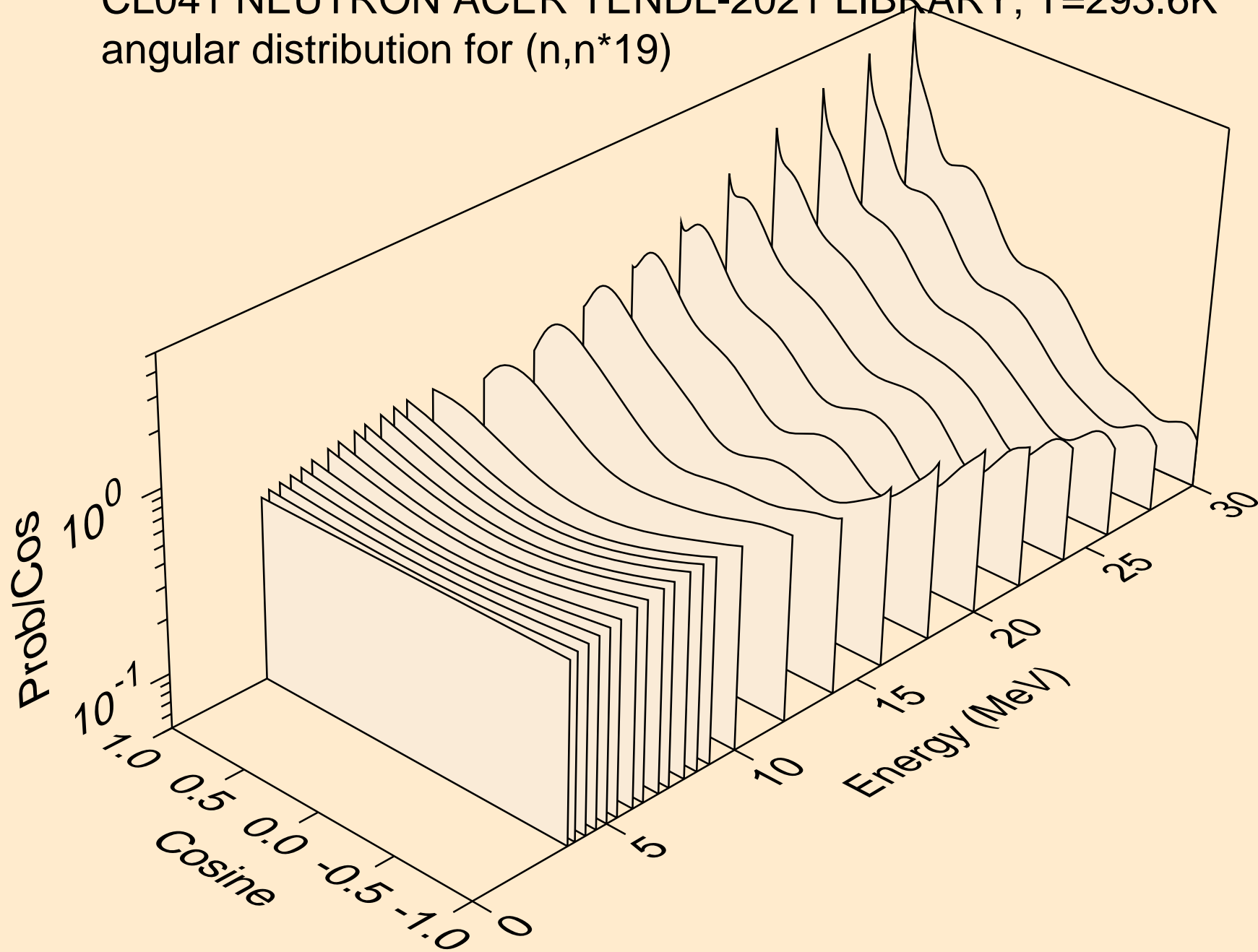
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angular distribution for (n,n\*17)



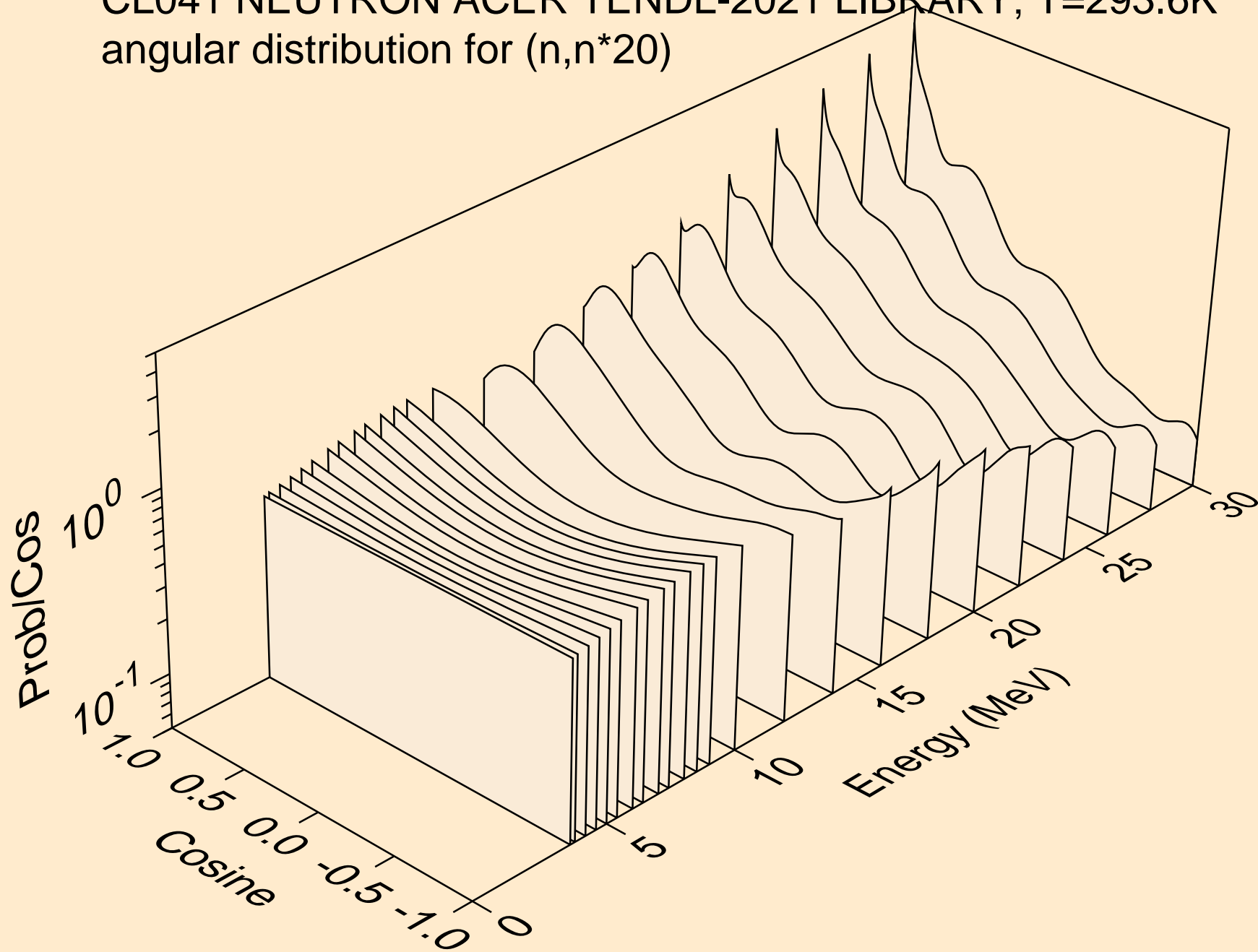
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angular distribution for (n,n\*18)



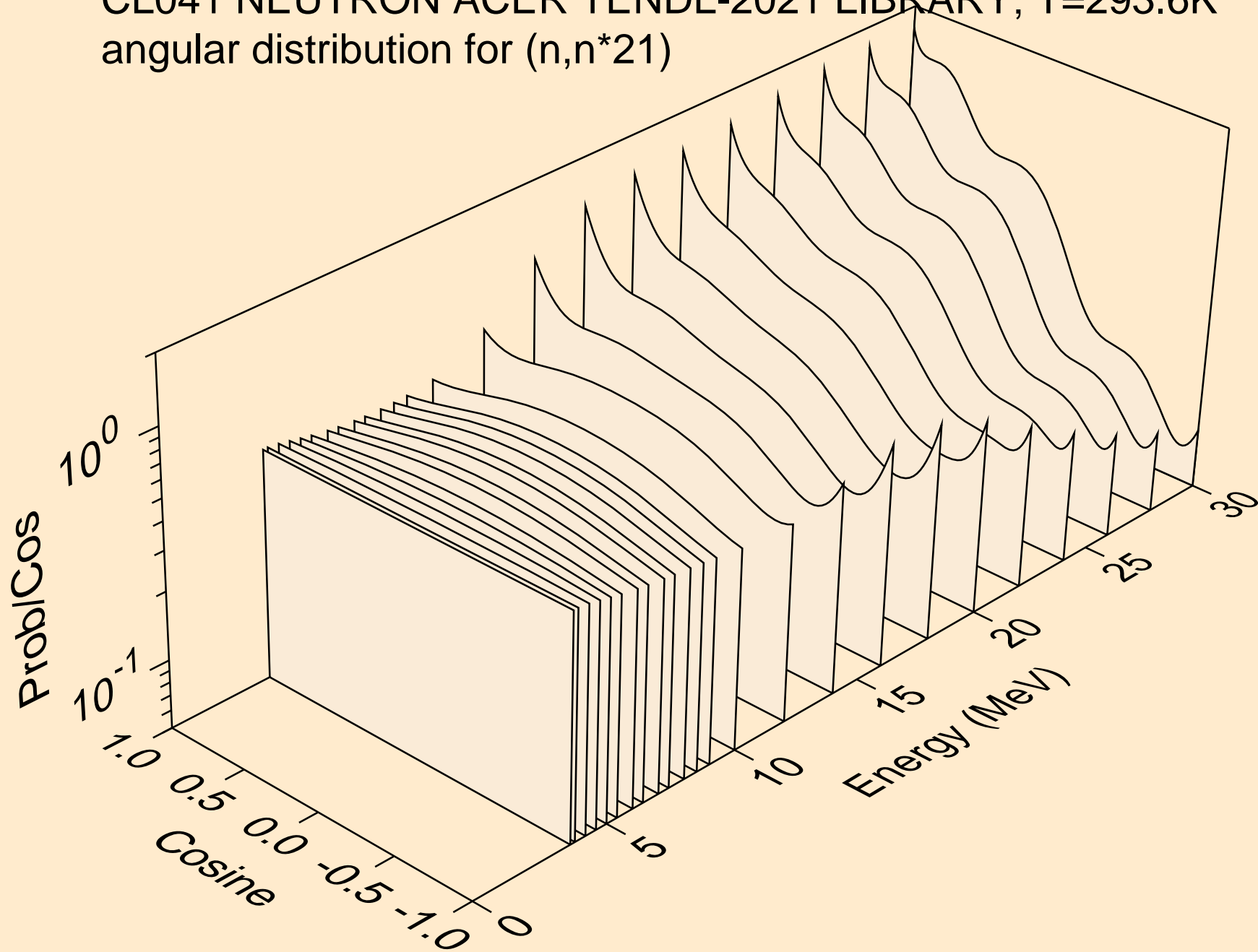
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angular distribution for (n,n\*19)



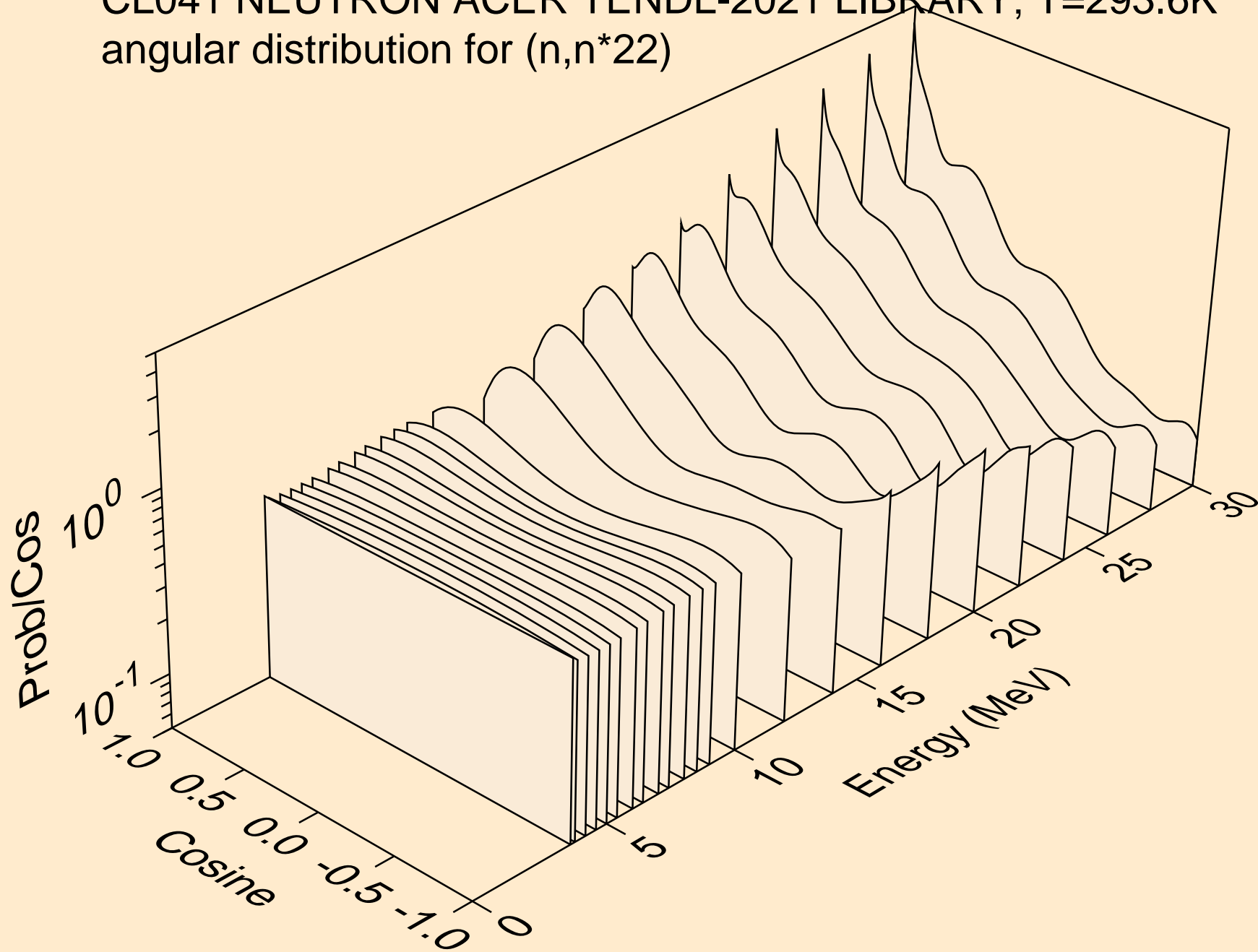
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angular distribution for (n,n\*20)



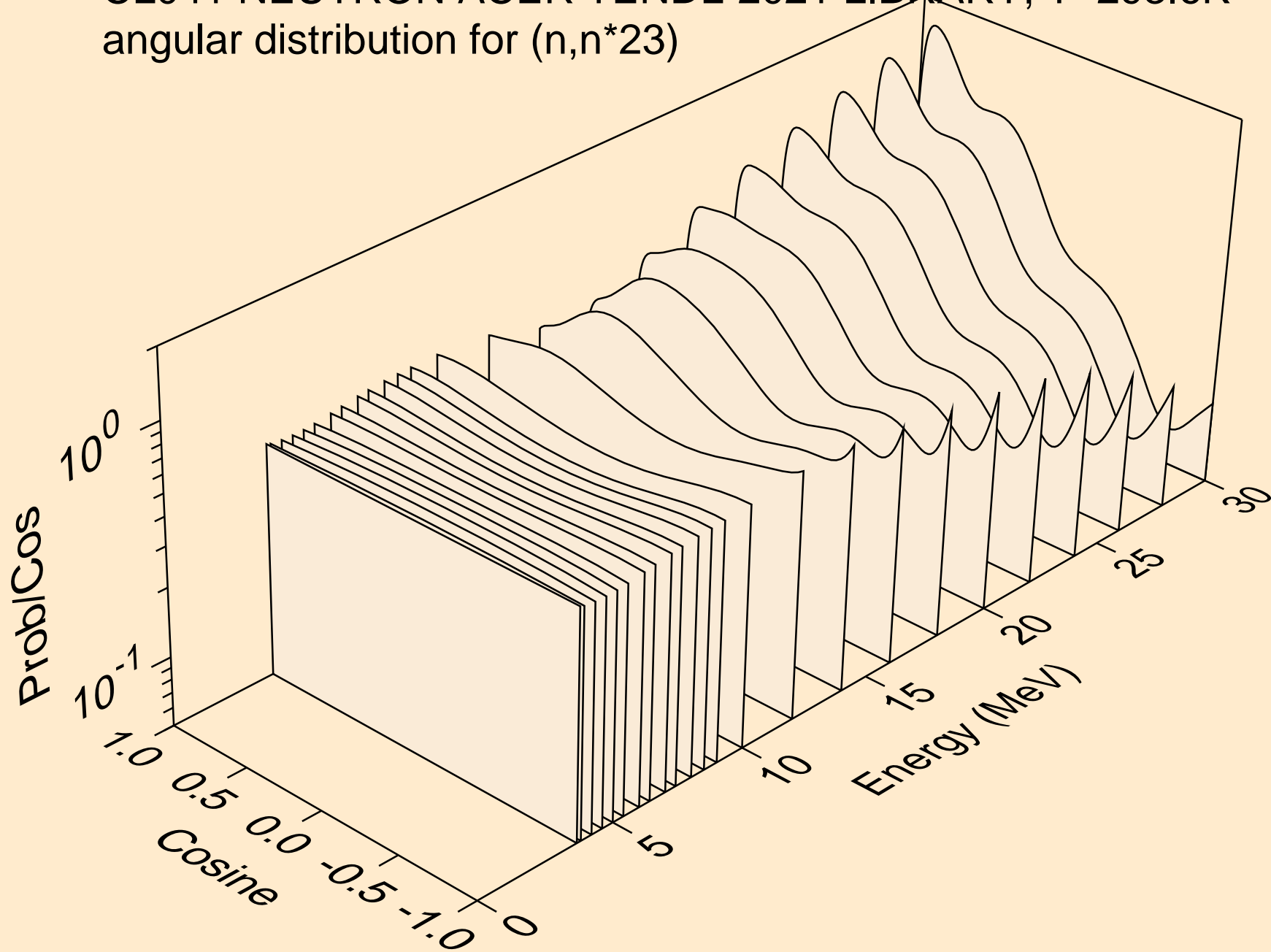
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angular distribution for (n,n\*21)



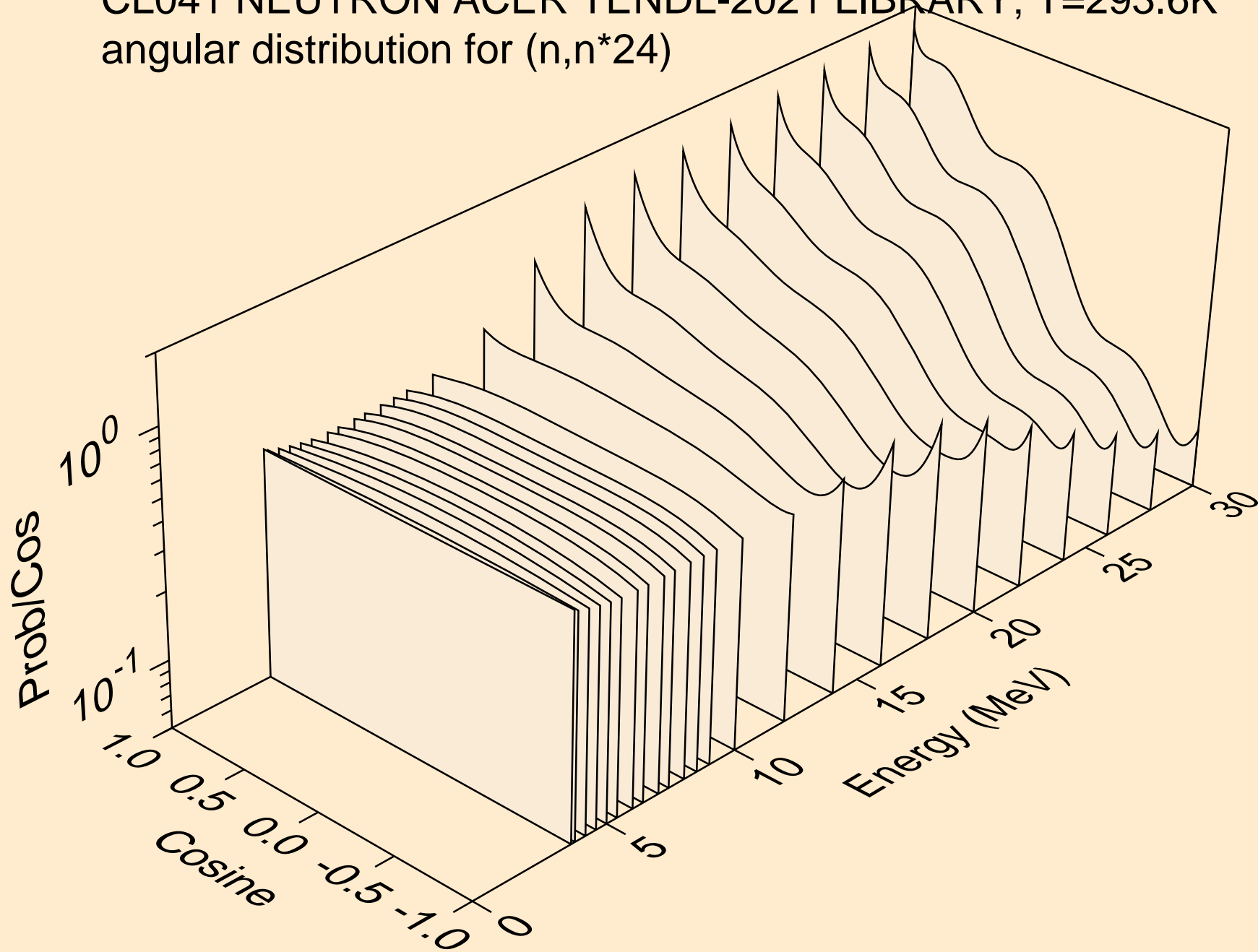
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)

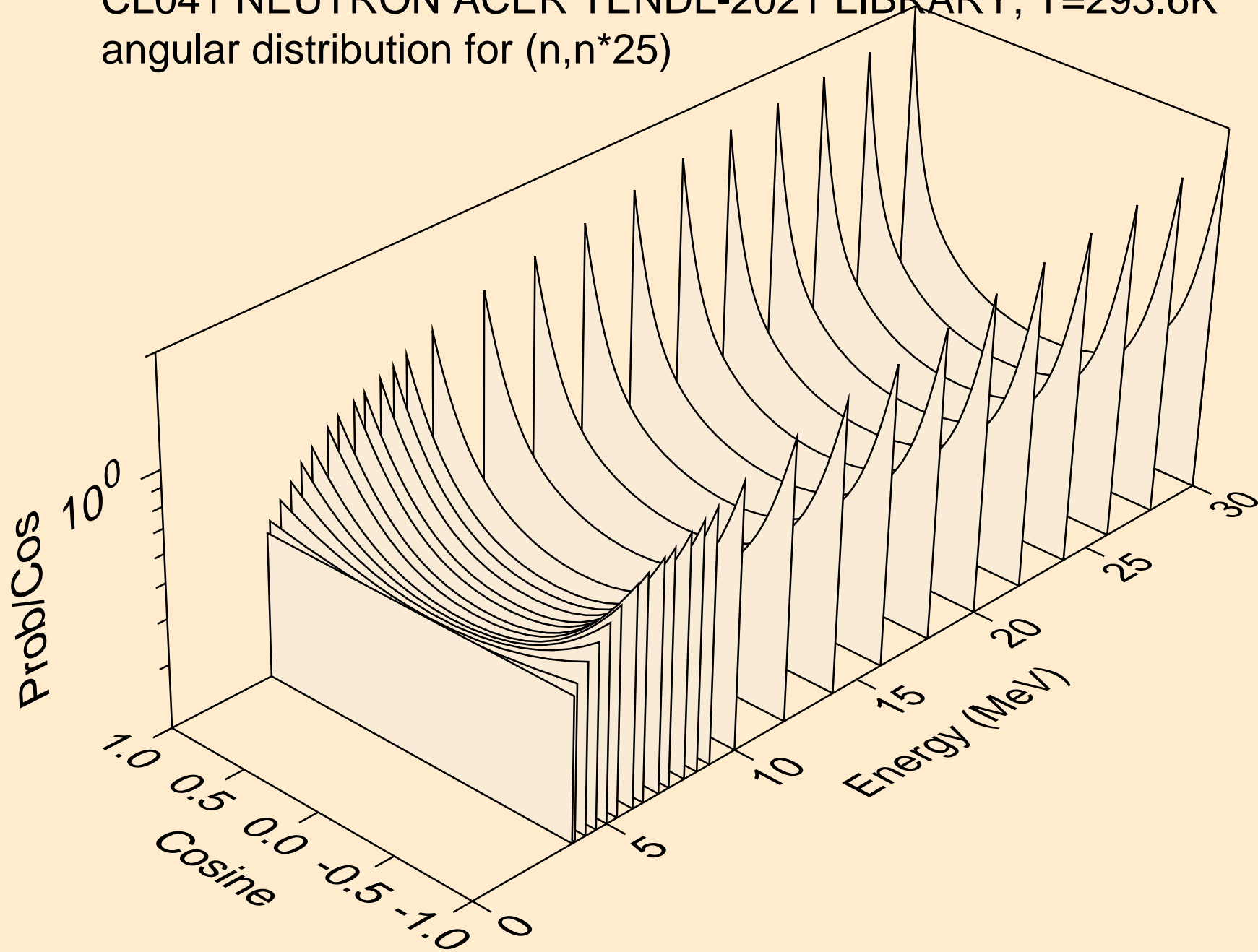


CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

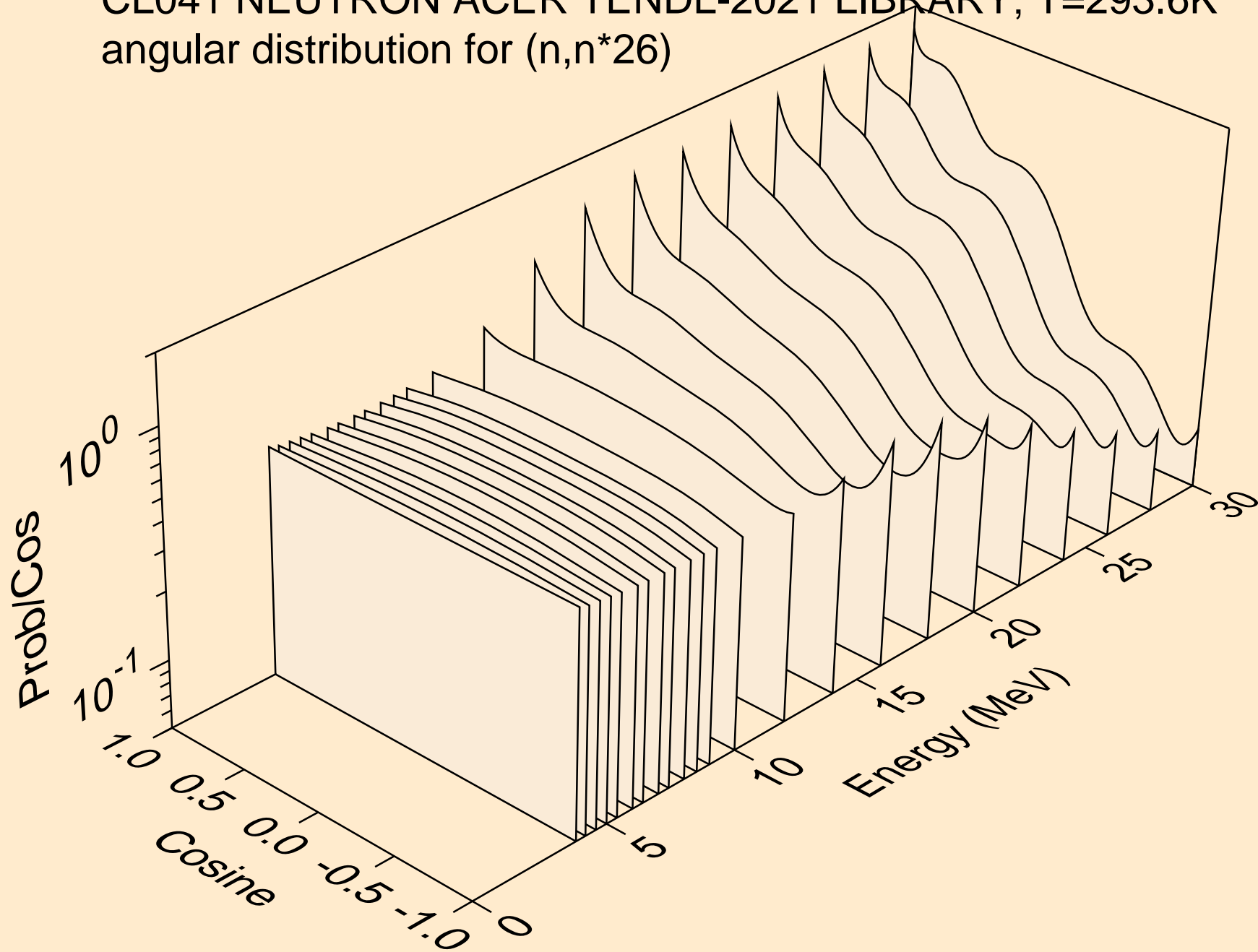




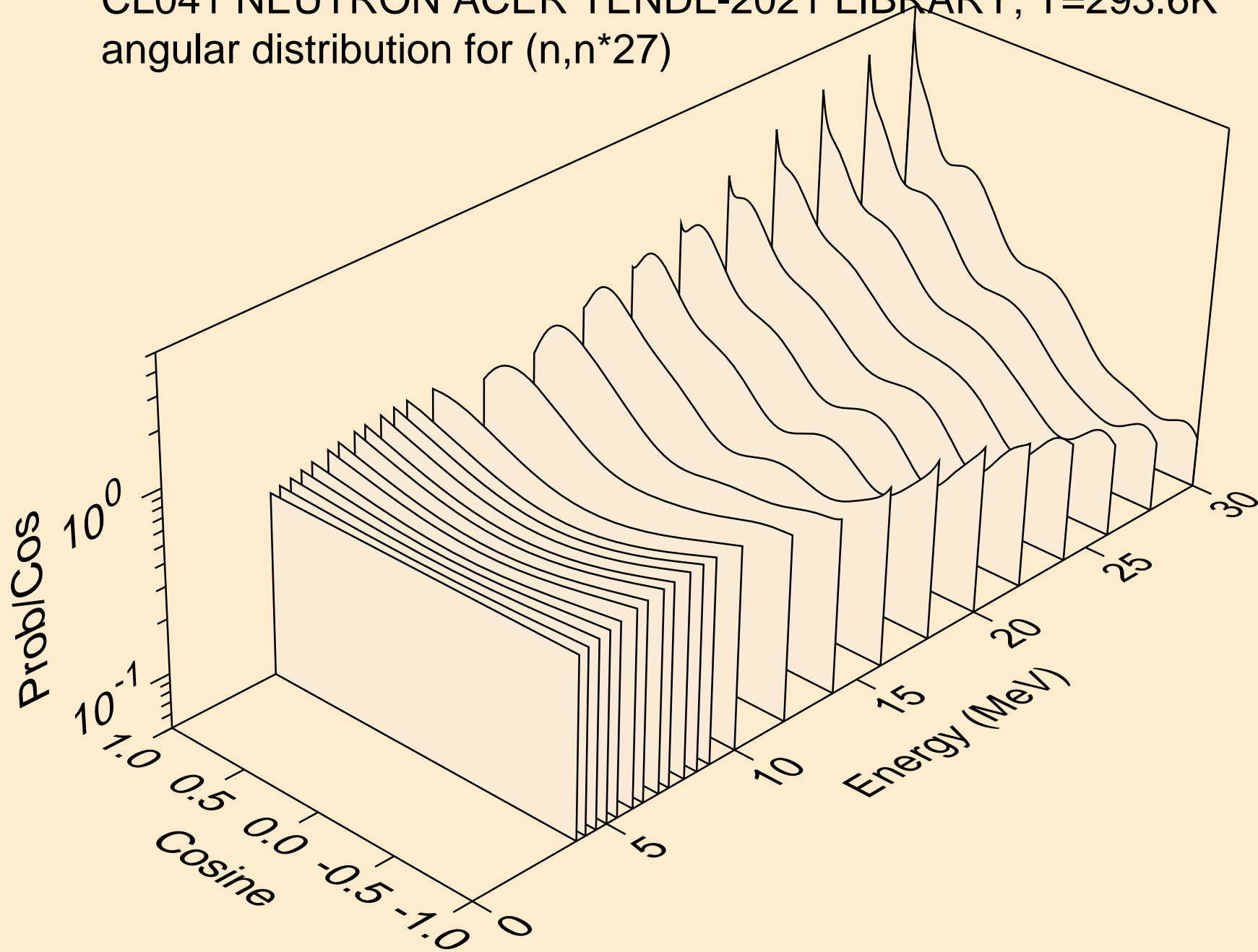
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



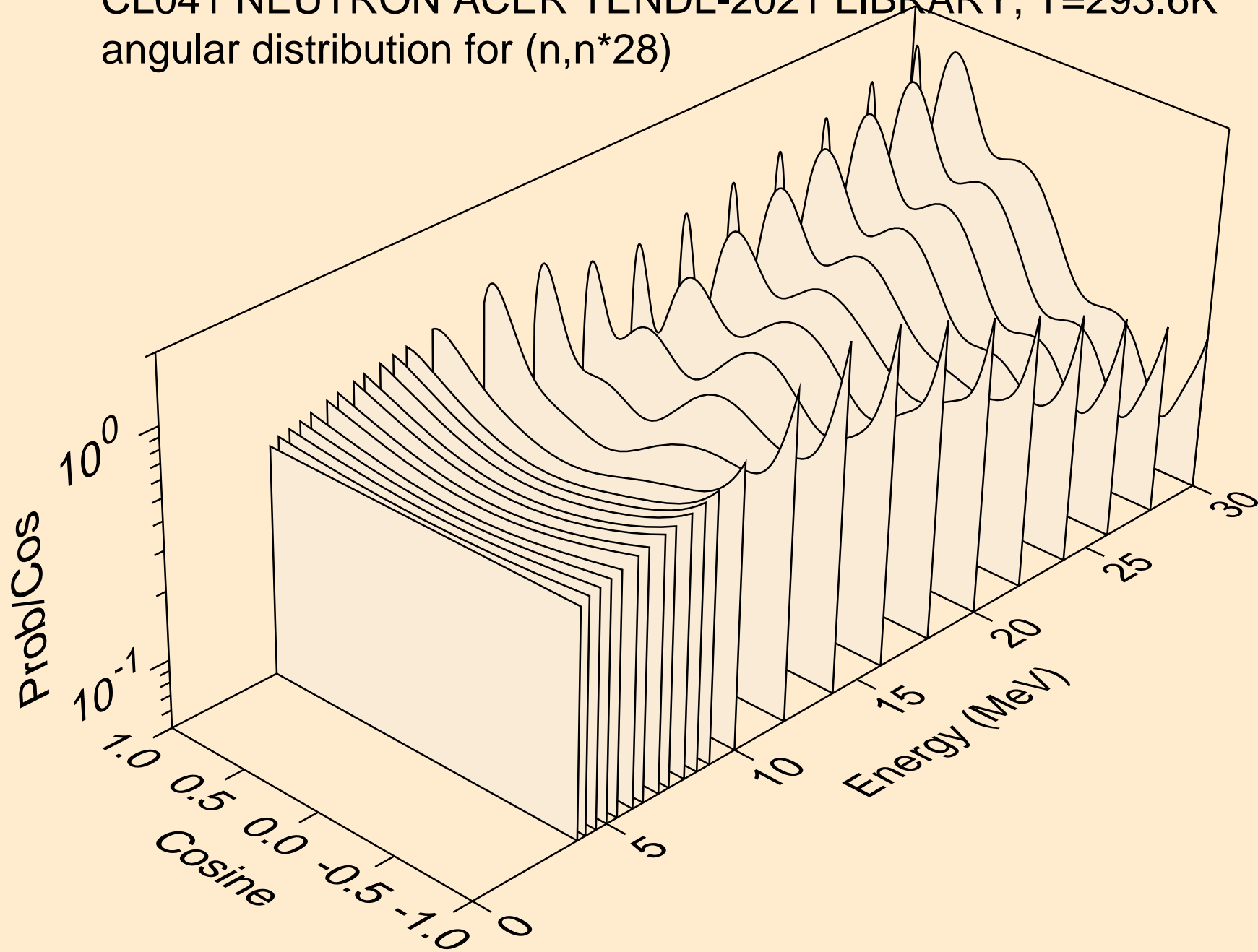
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angular distribution for (n,n\*26)



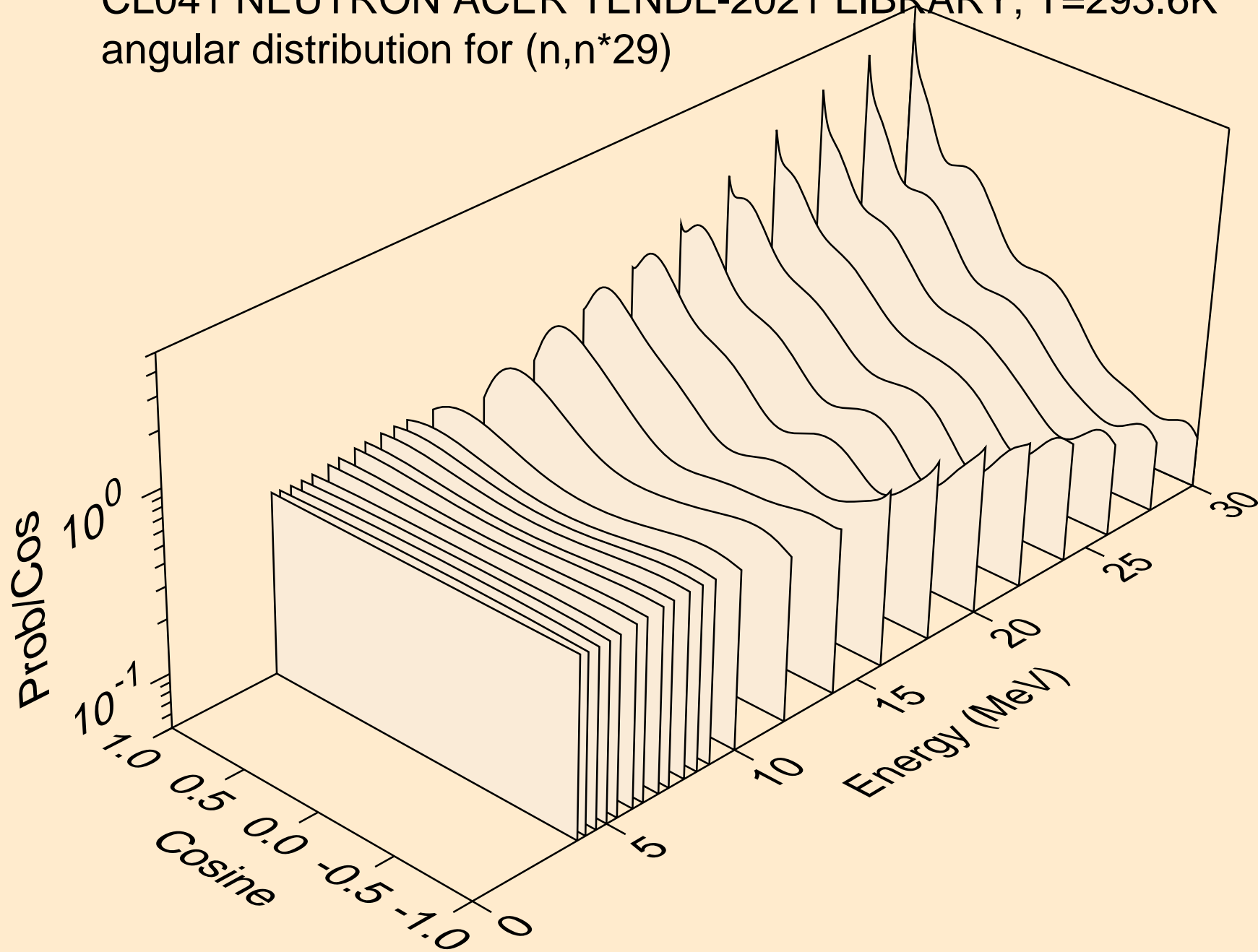
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angular distribution for (n,n\*27)



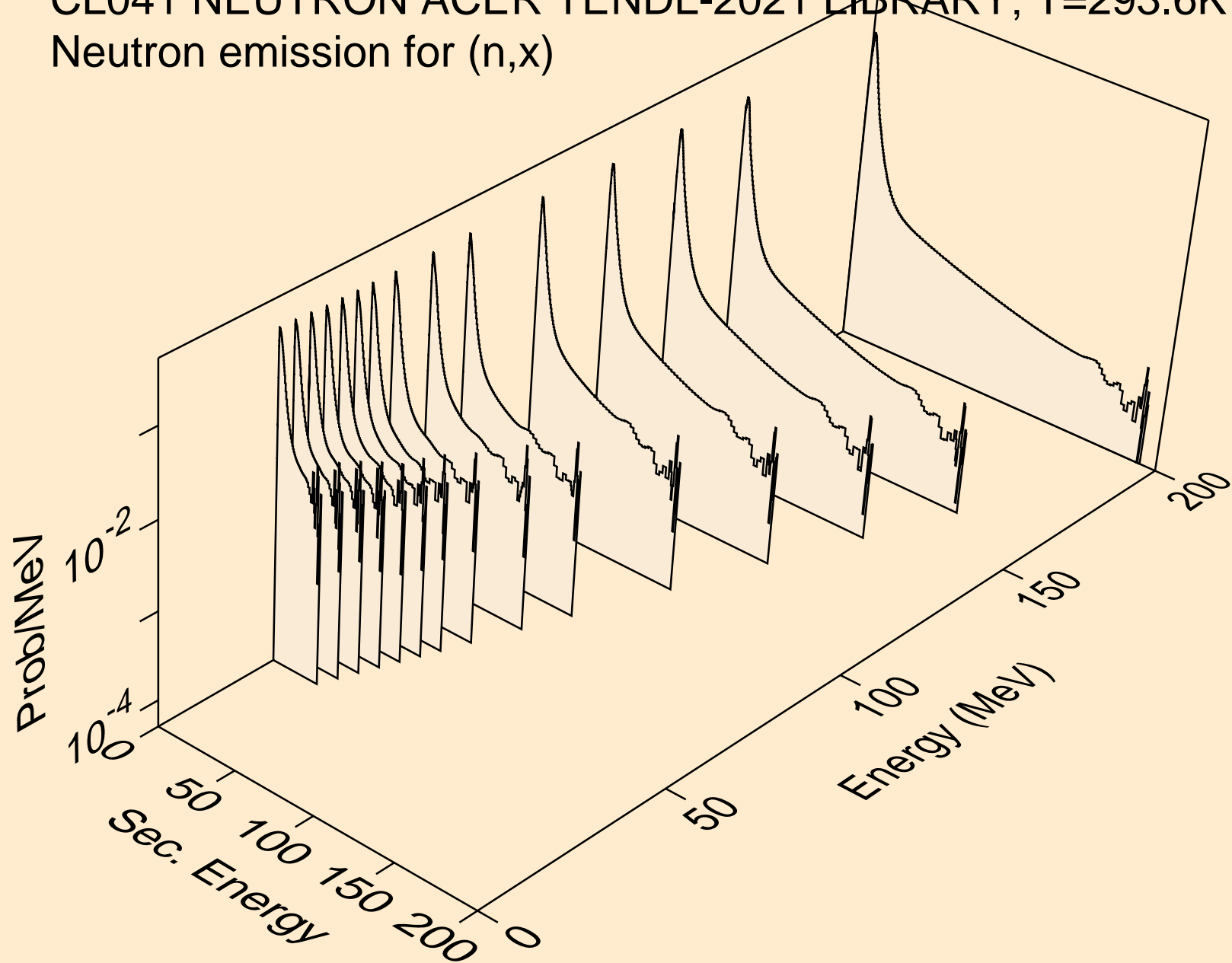
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angular distribution for (n,n\*28)



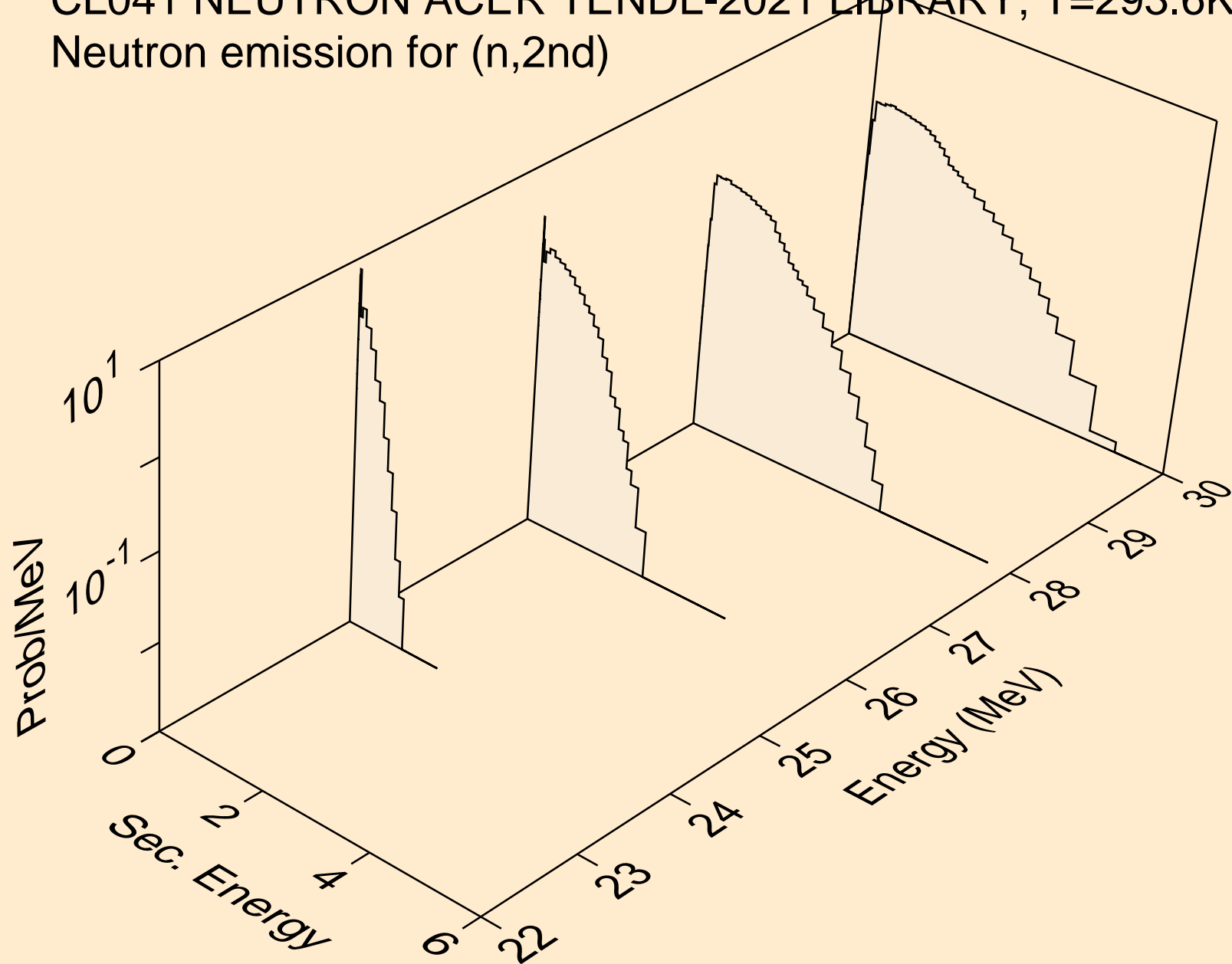
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angular distribution for (n,n\*29)



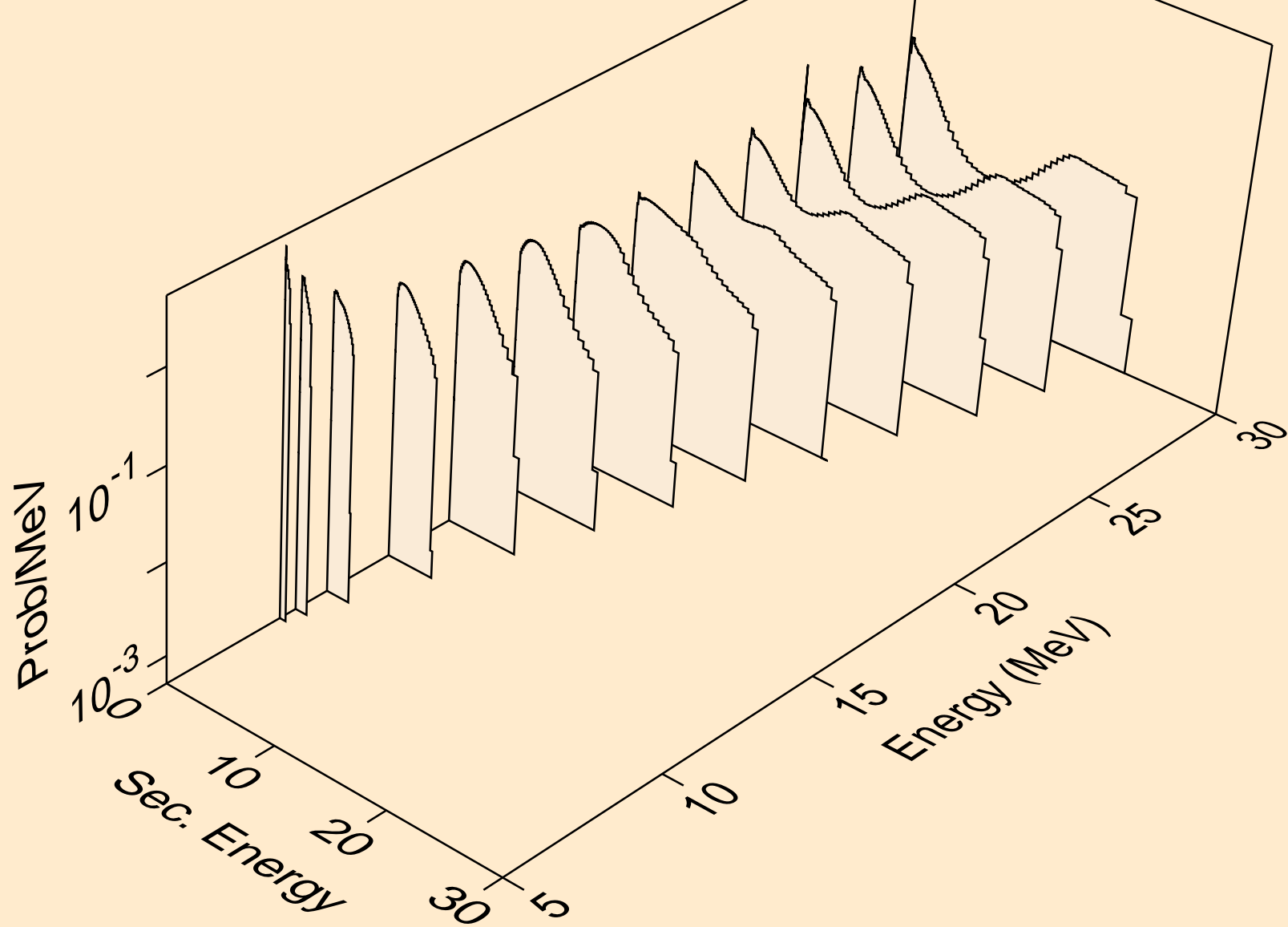
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



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Neutron emission for (n,2nd)

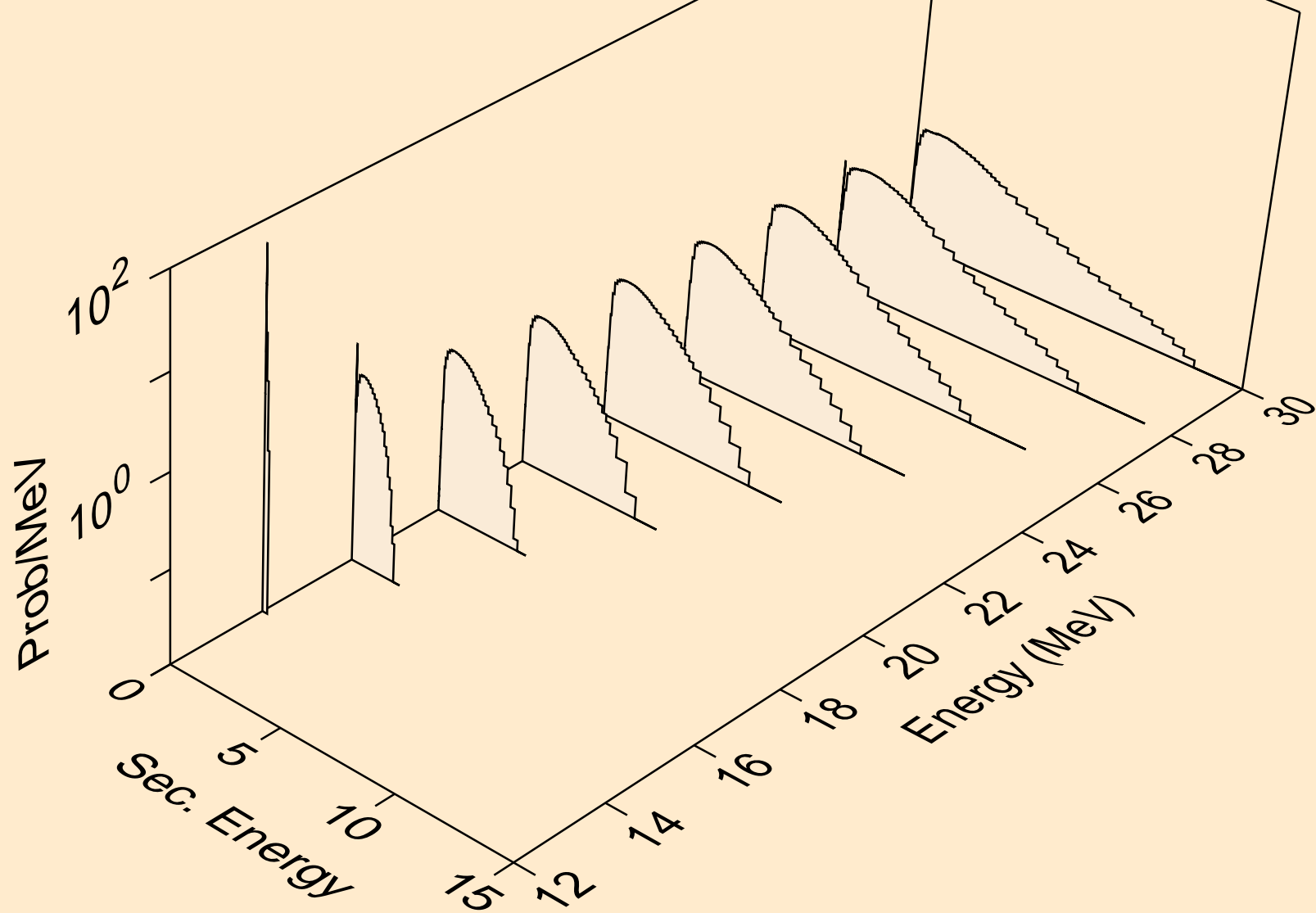


CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

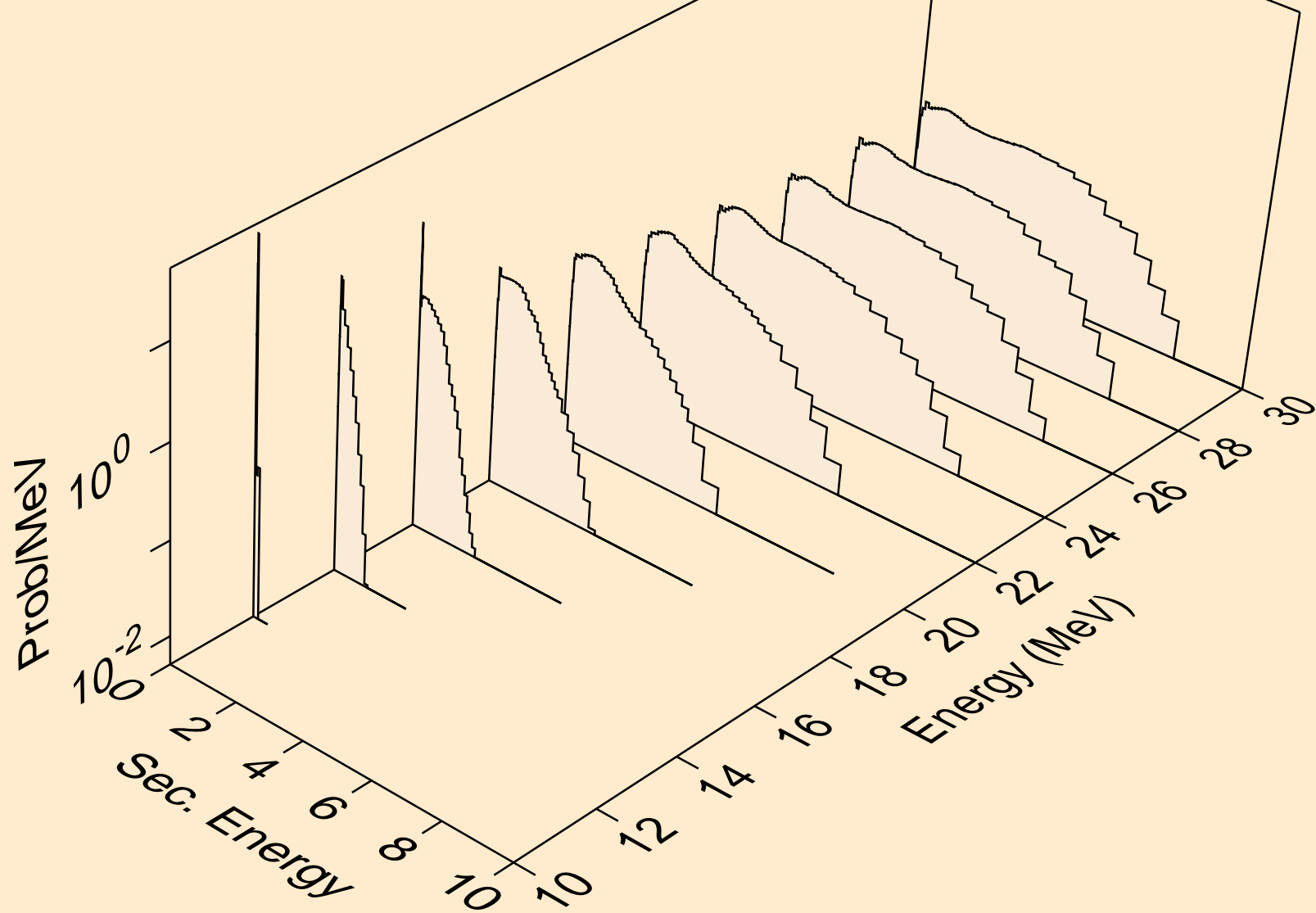




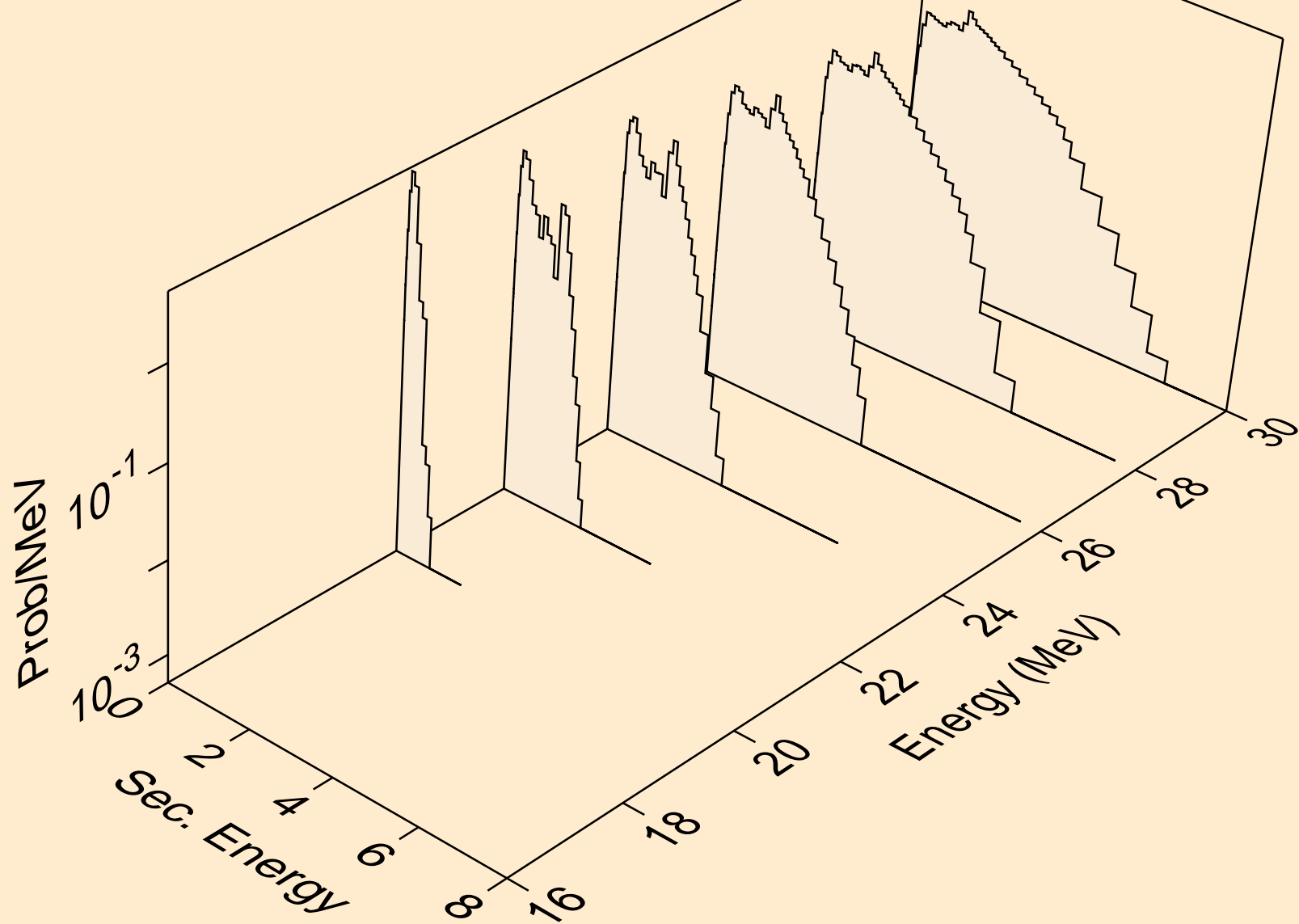
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



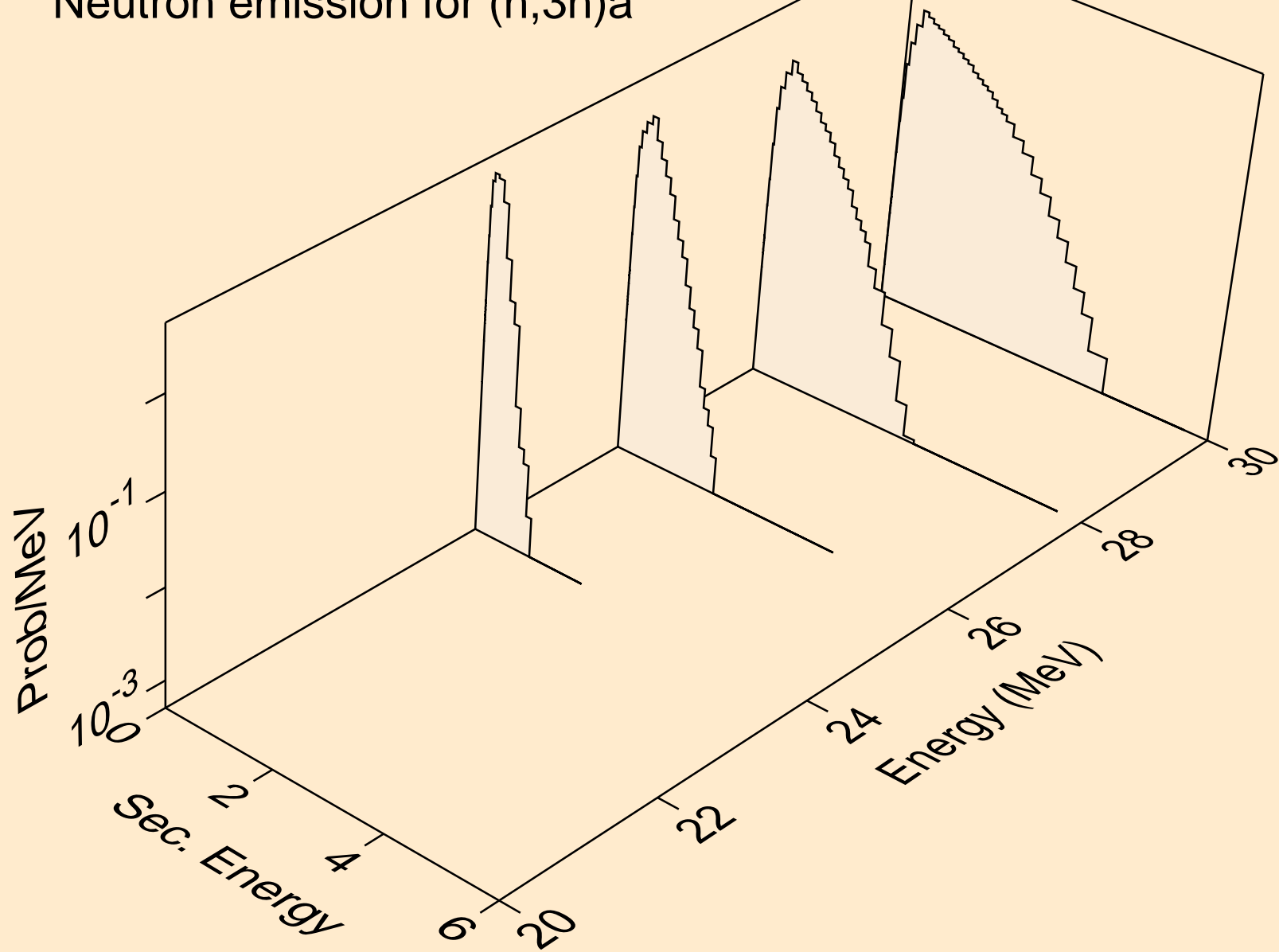
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



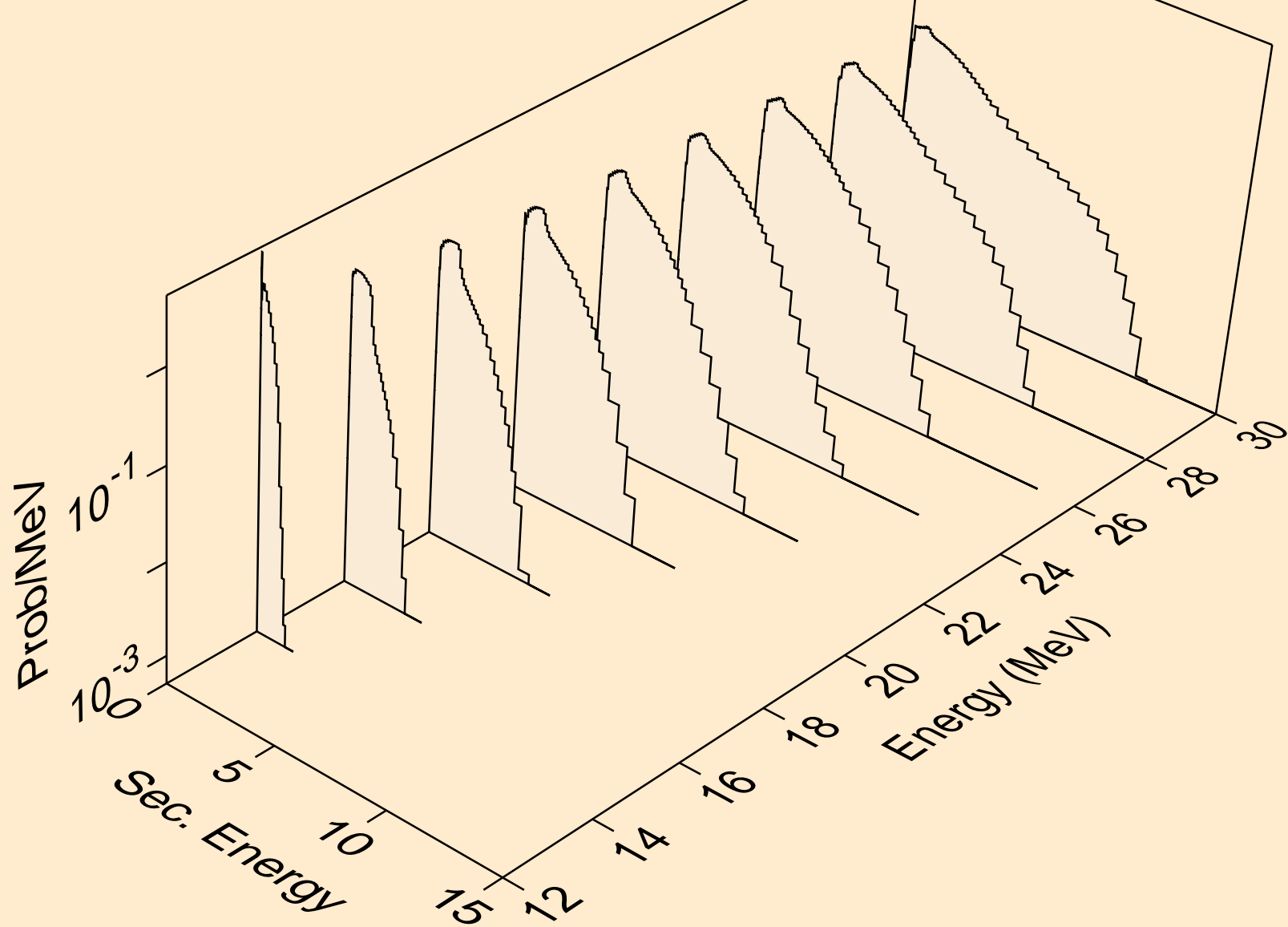
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



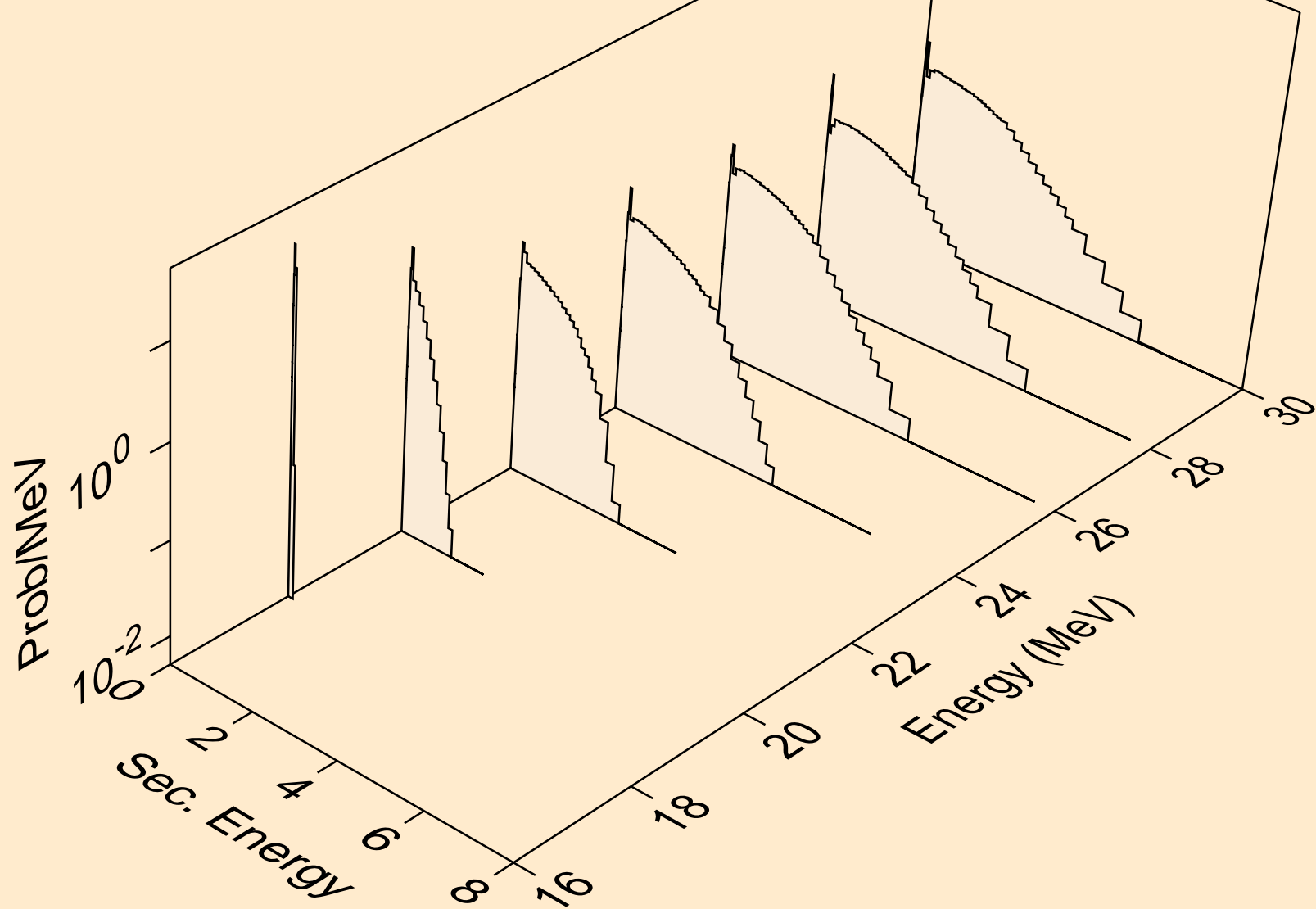
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



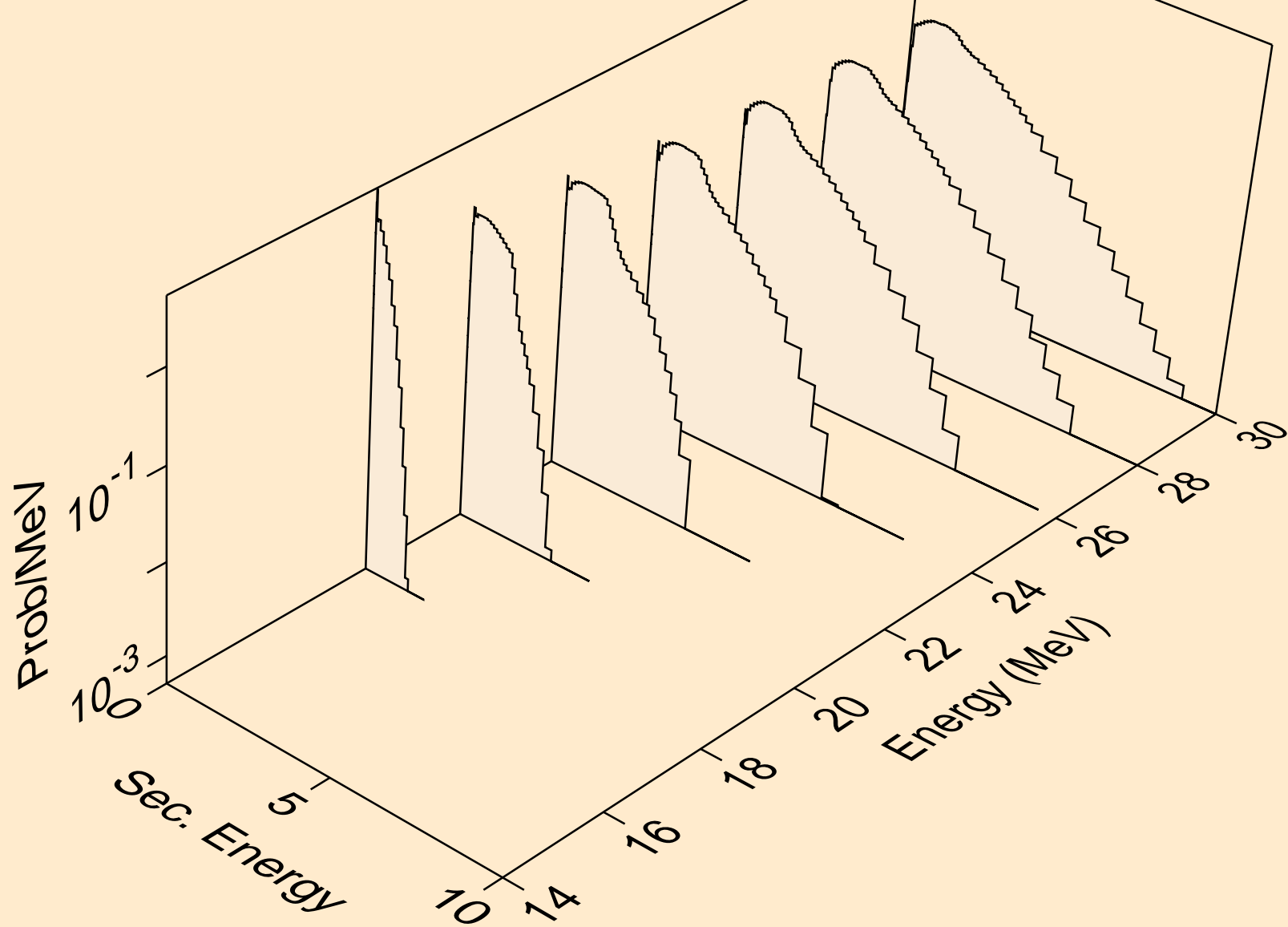
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



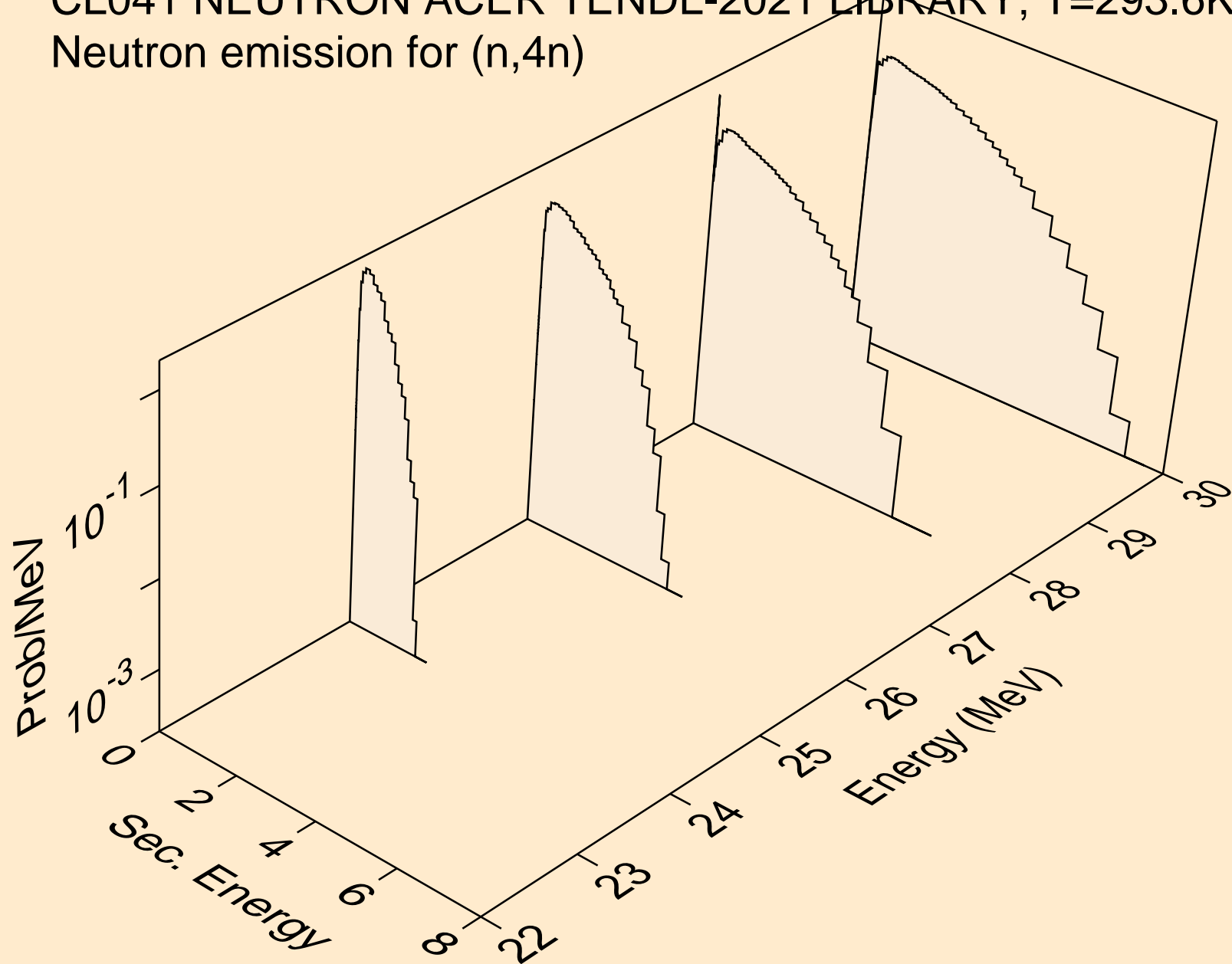
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

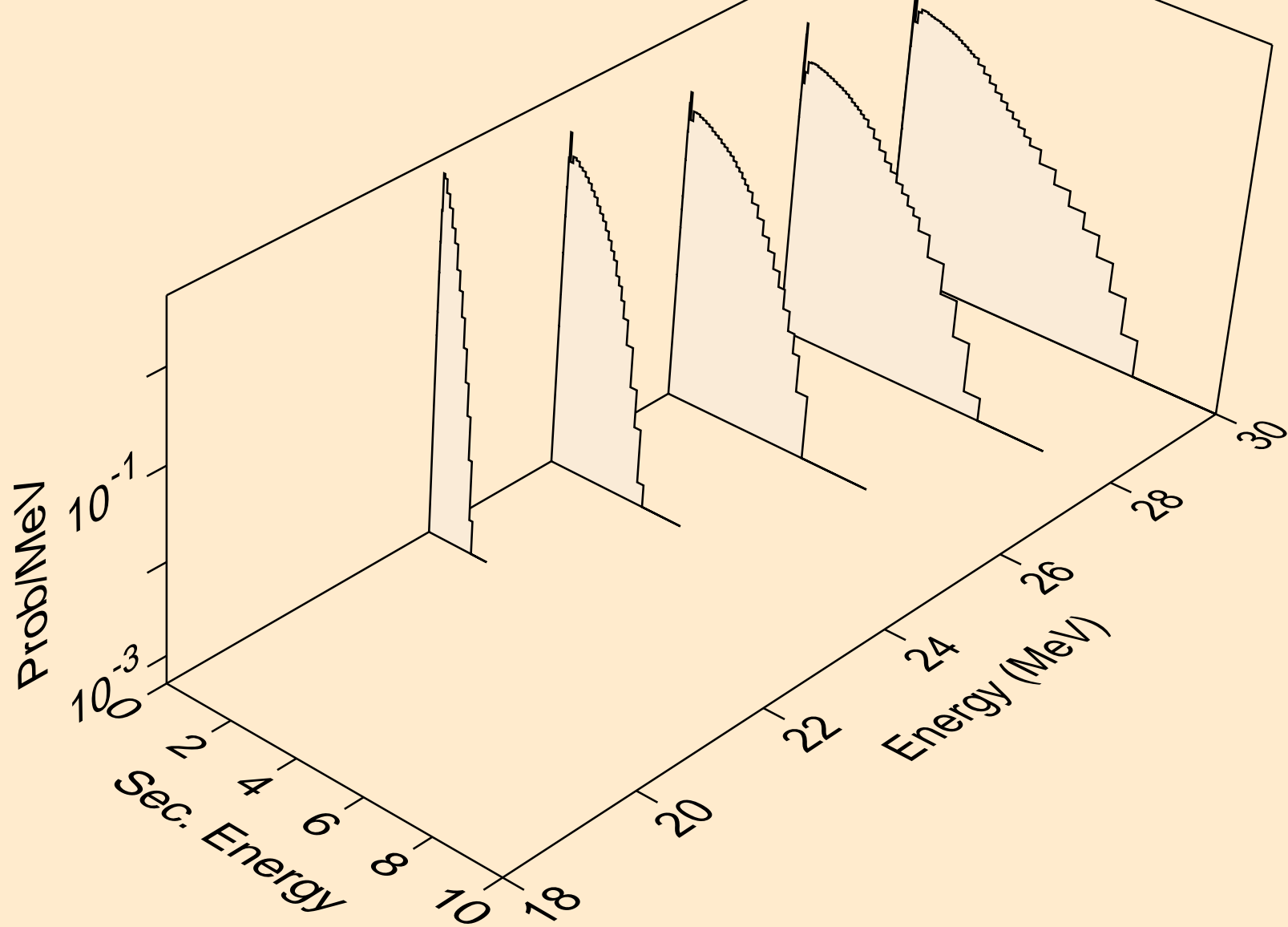


CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)

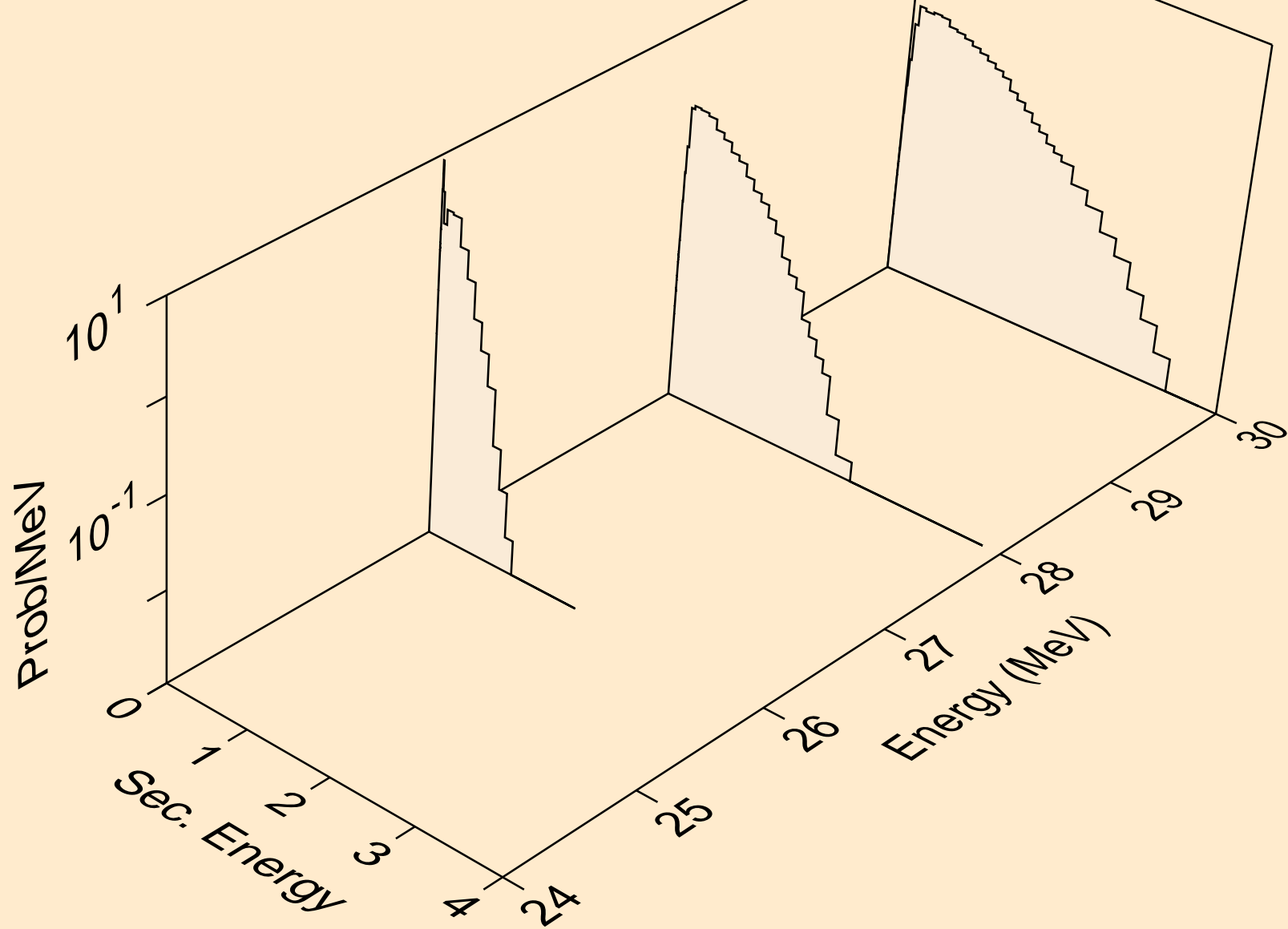




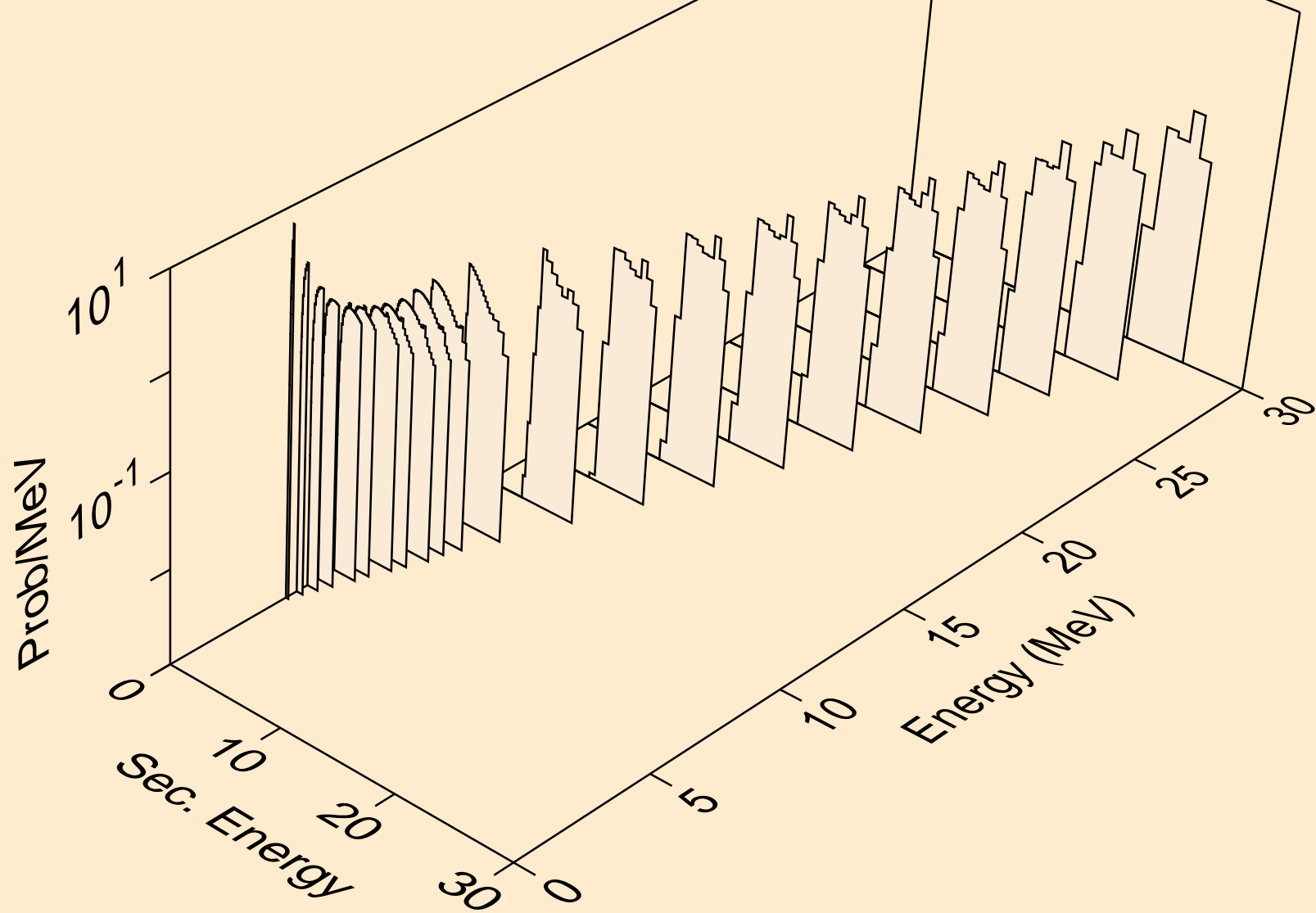
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



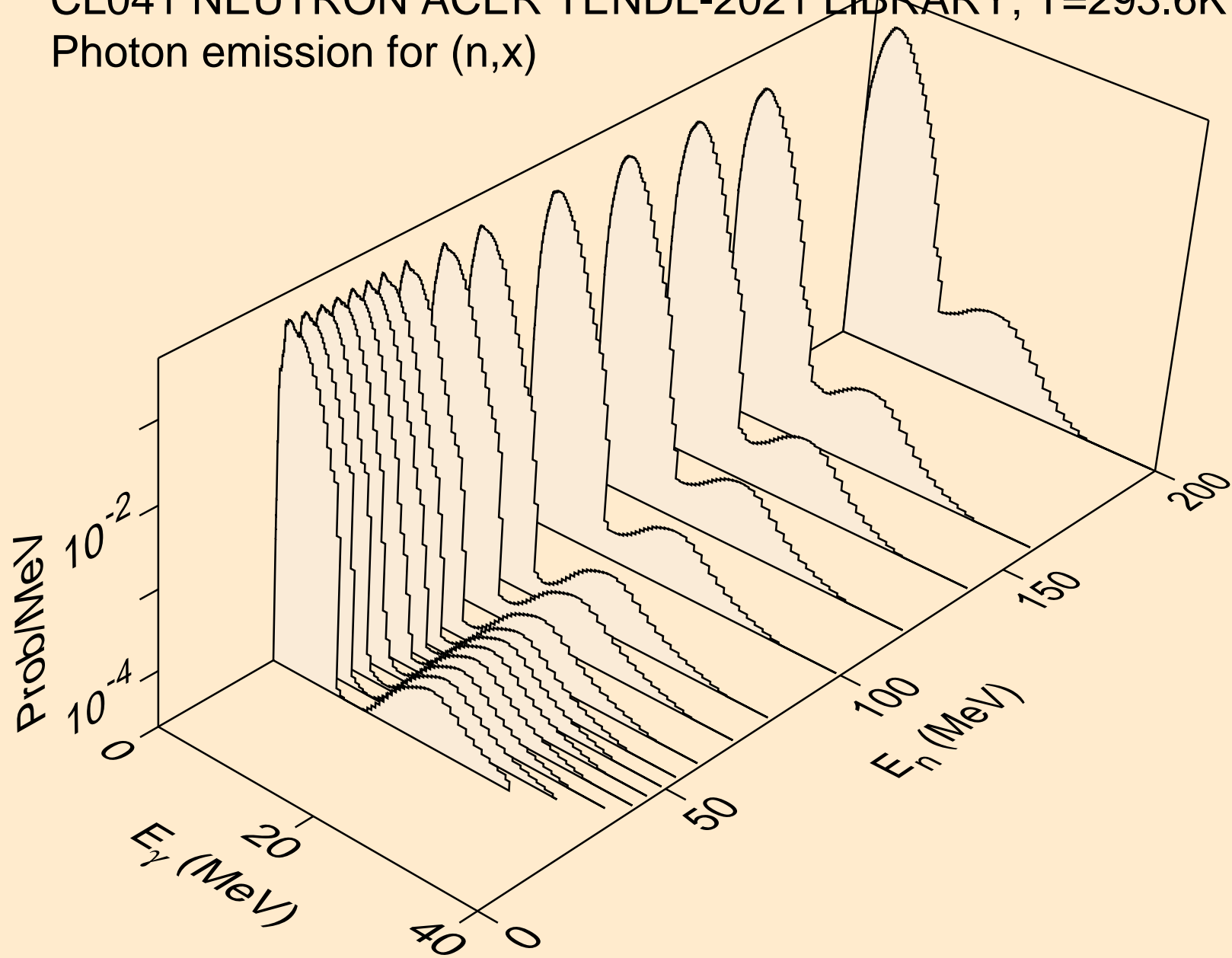
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



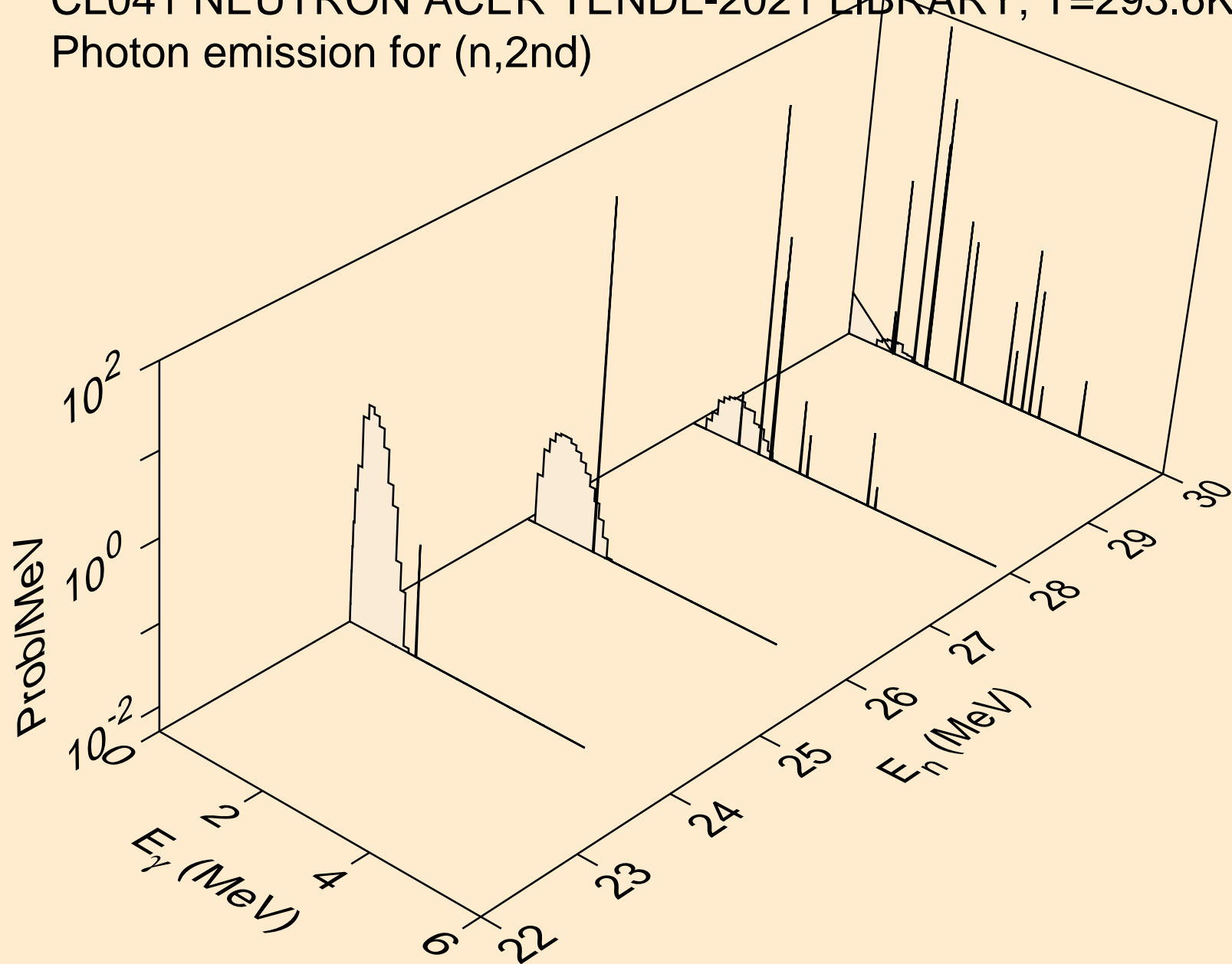
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



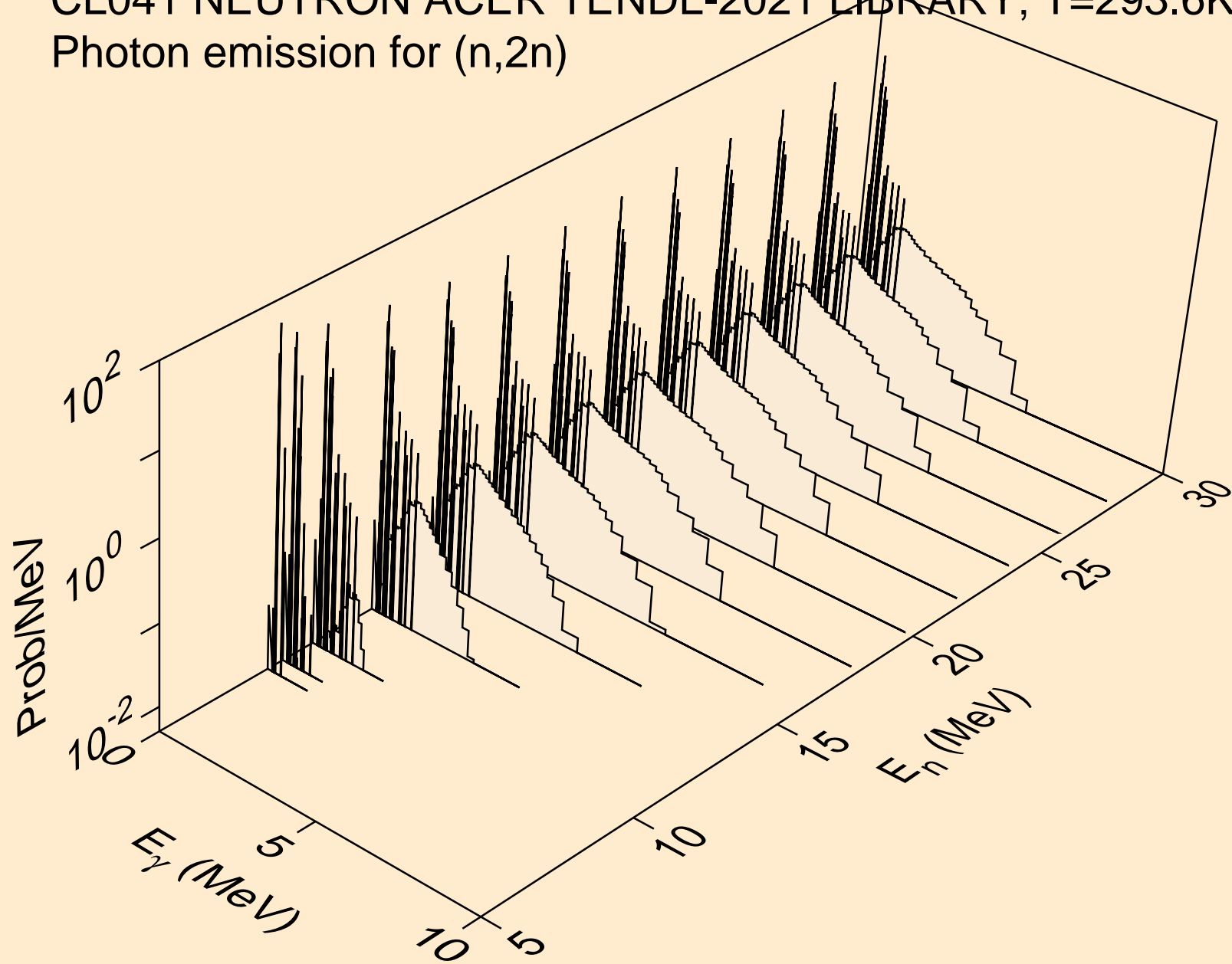
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



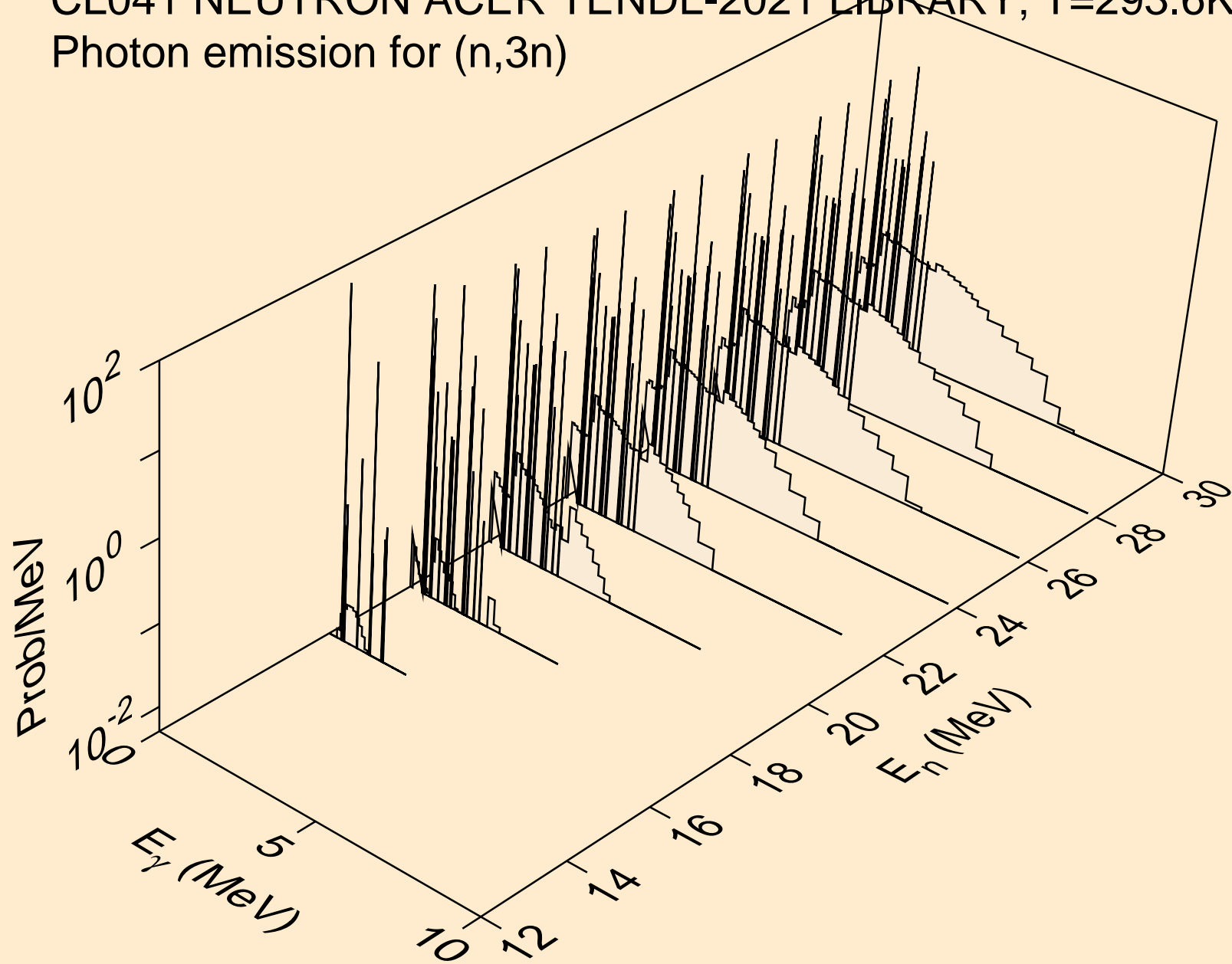
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



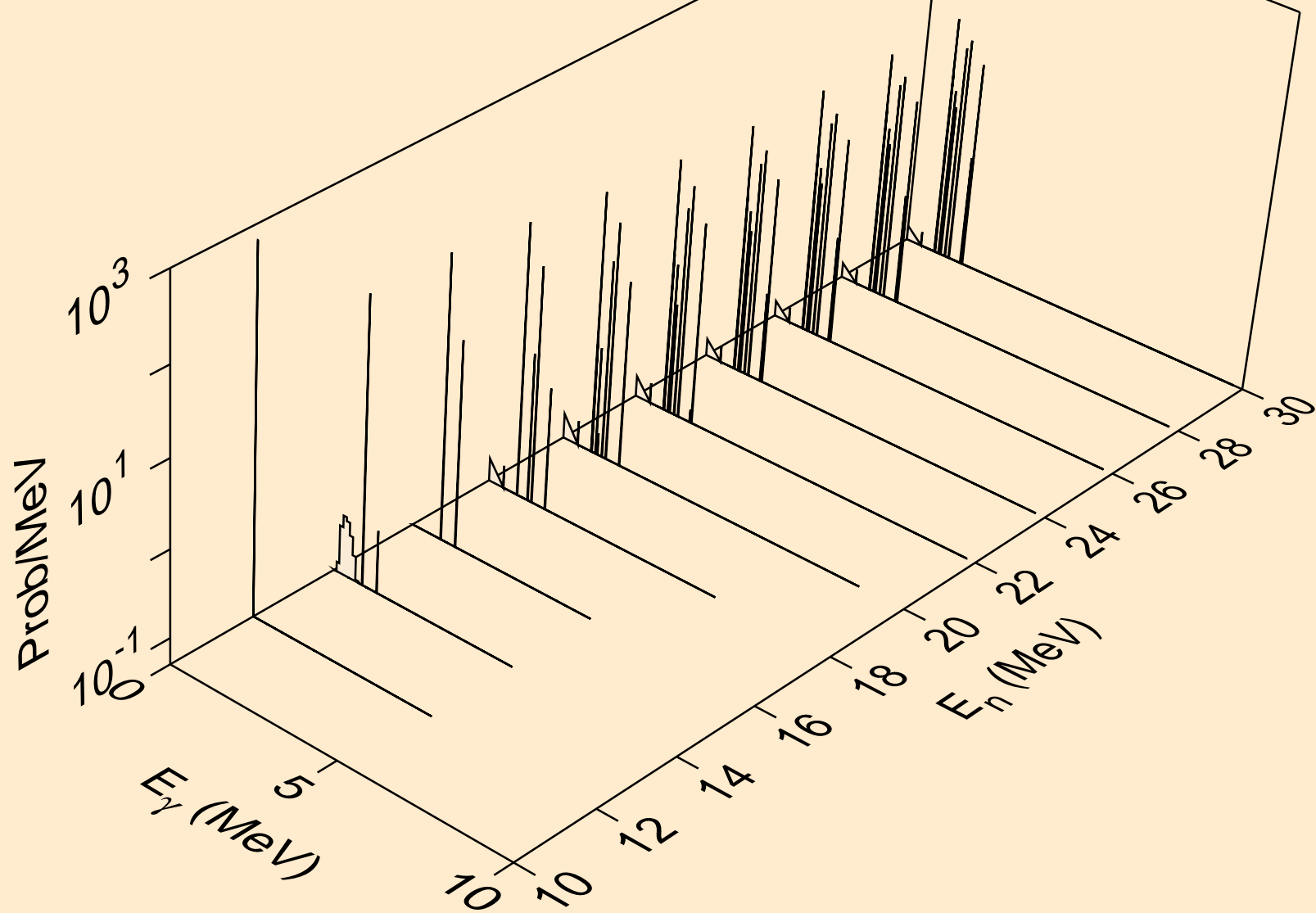
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)

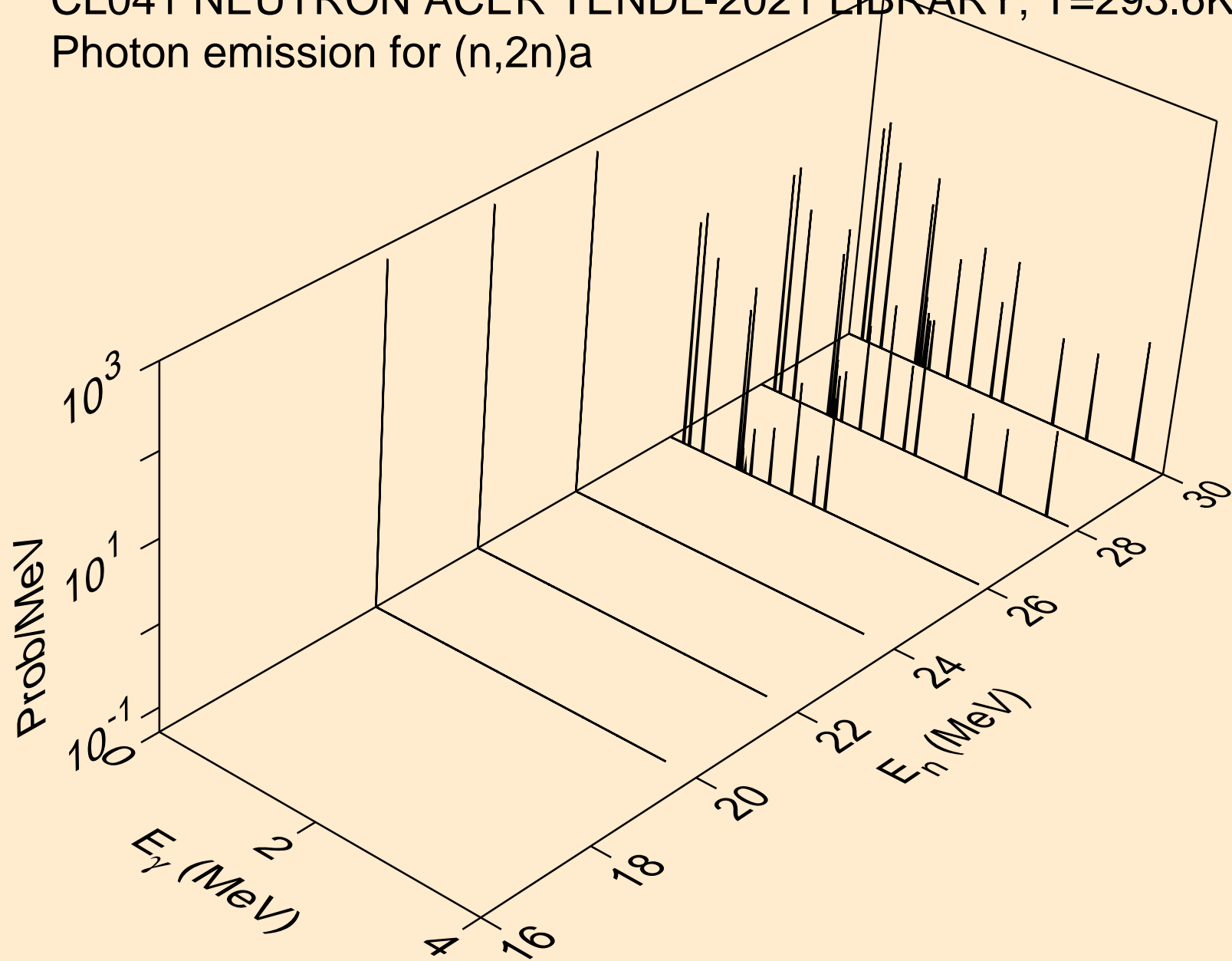


CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

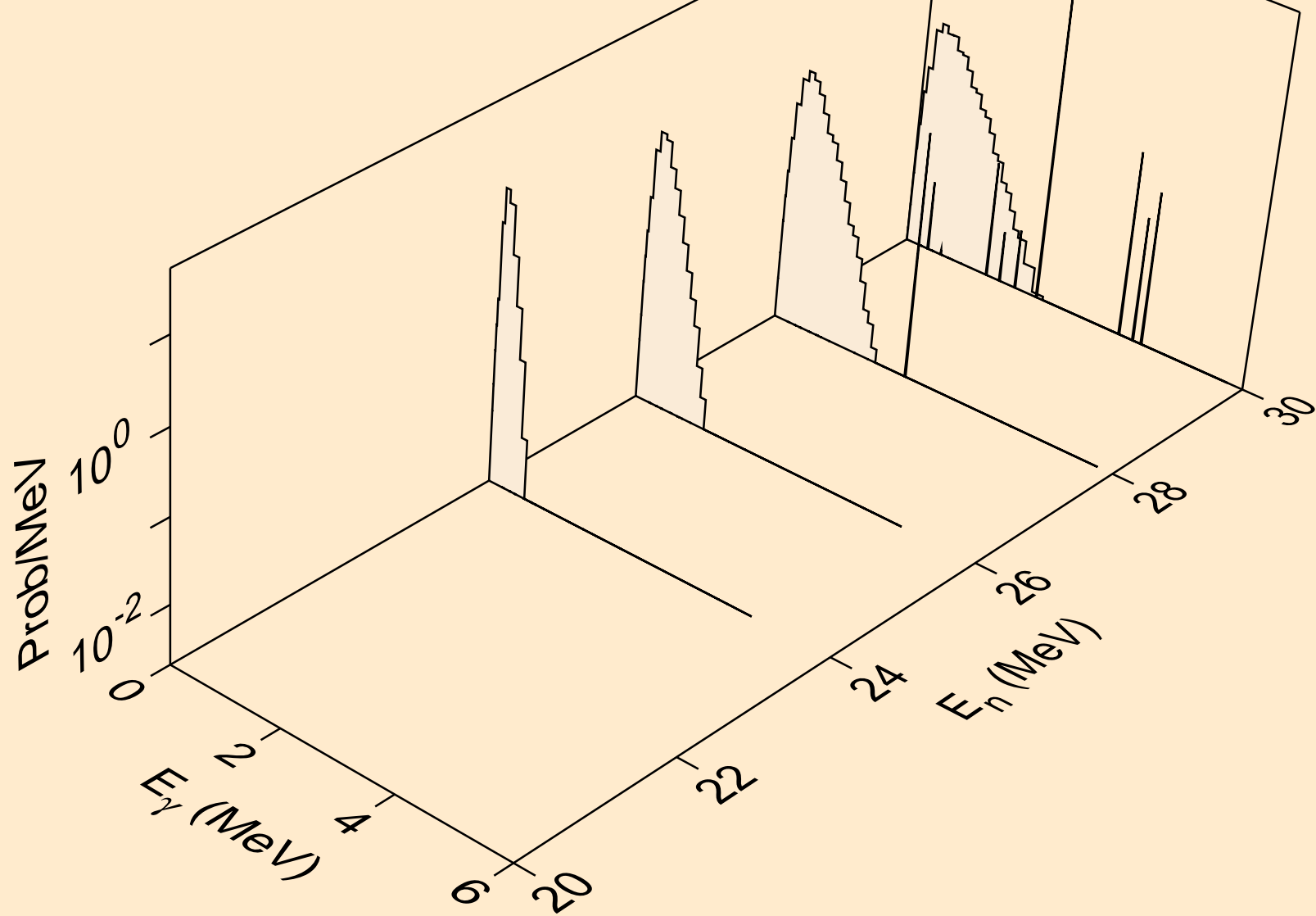




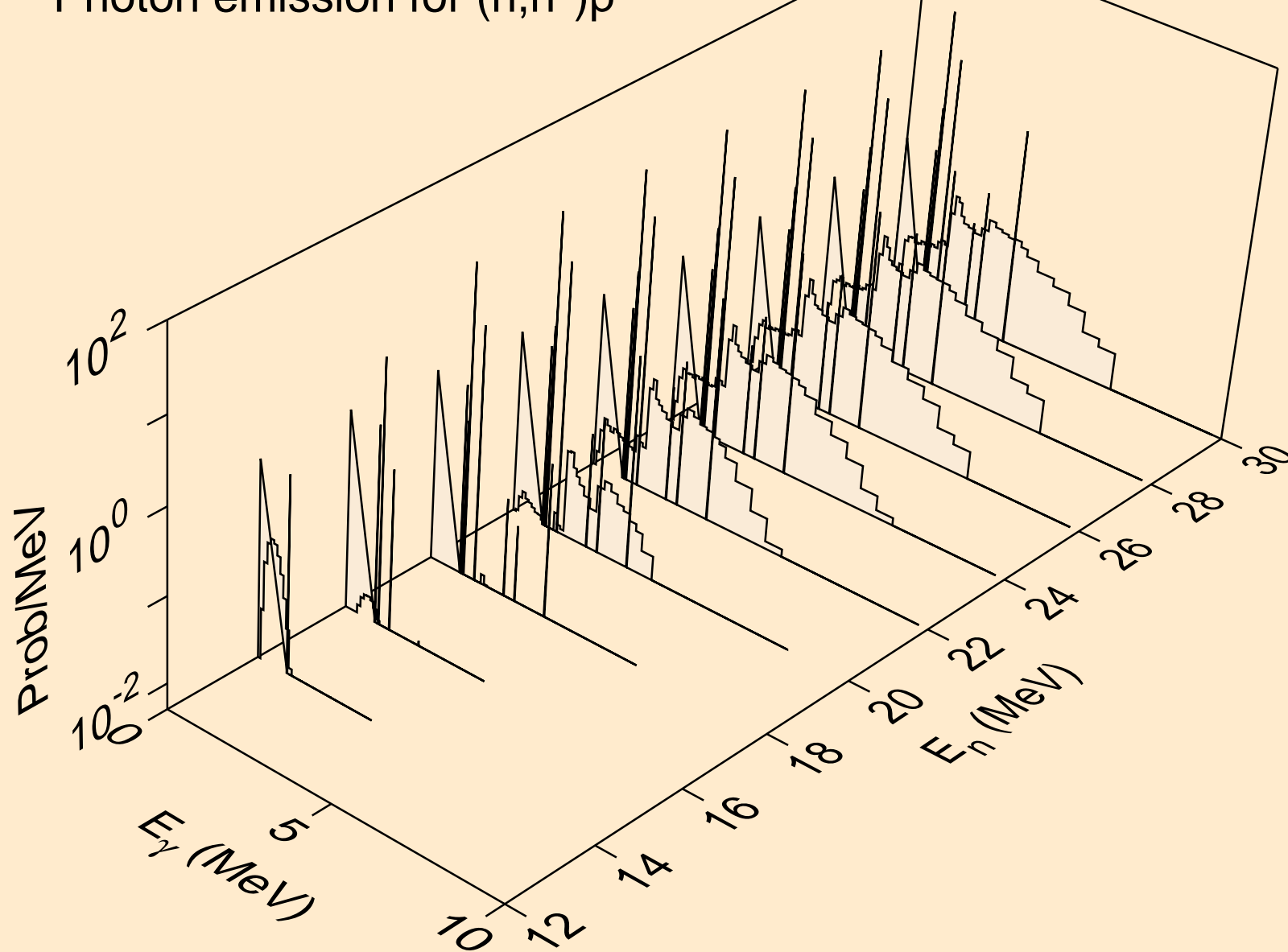
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



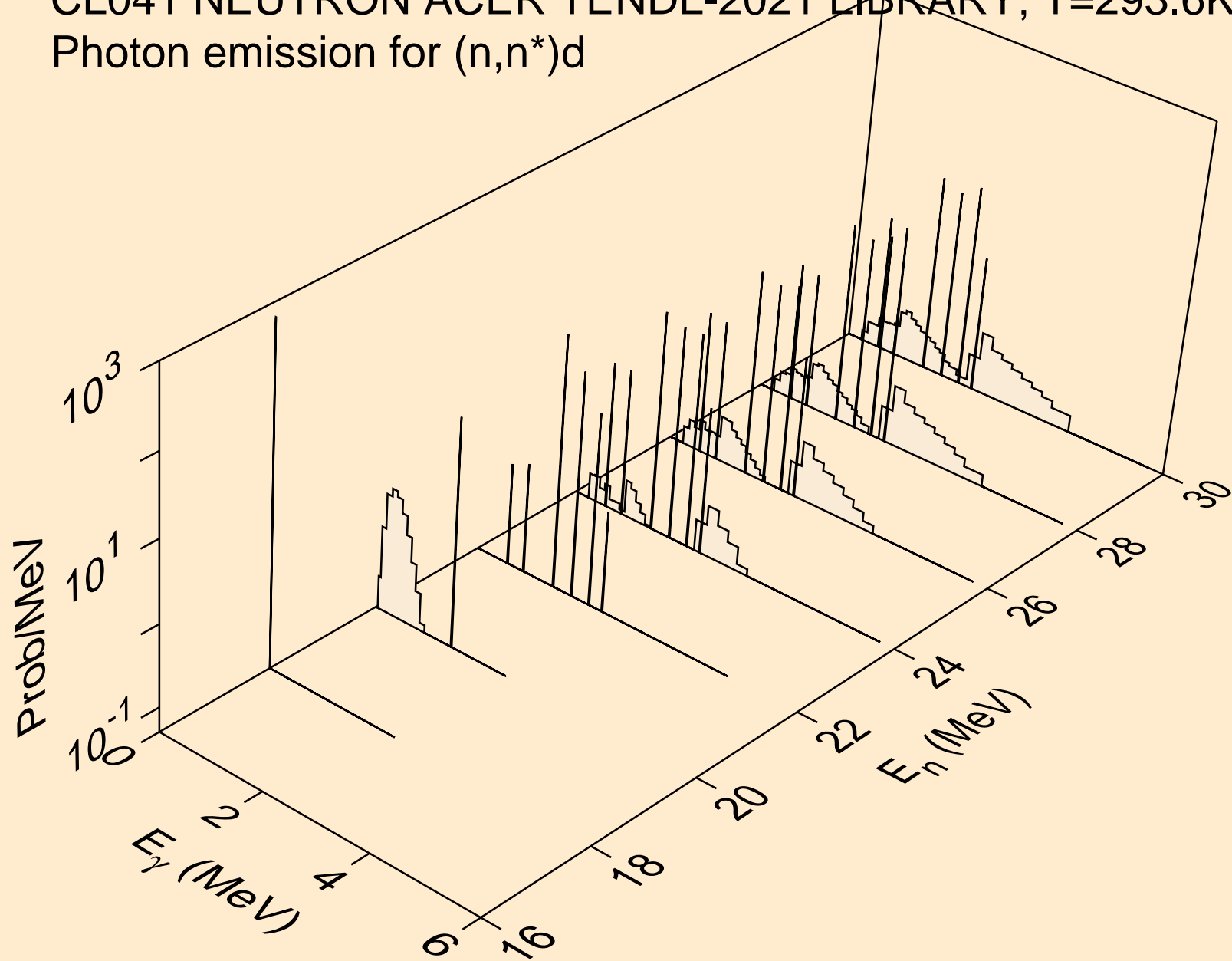
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Photon emission for (n,3n)a



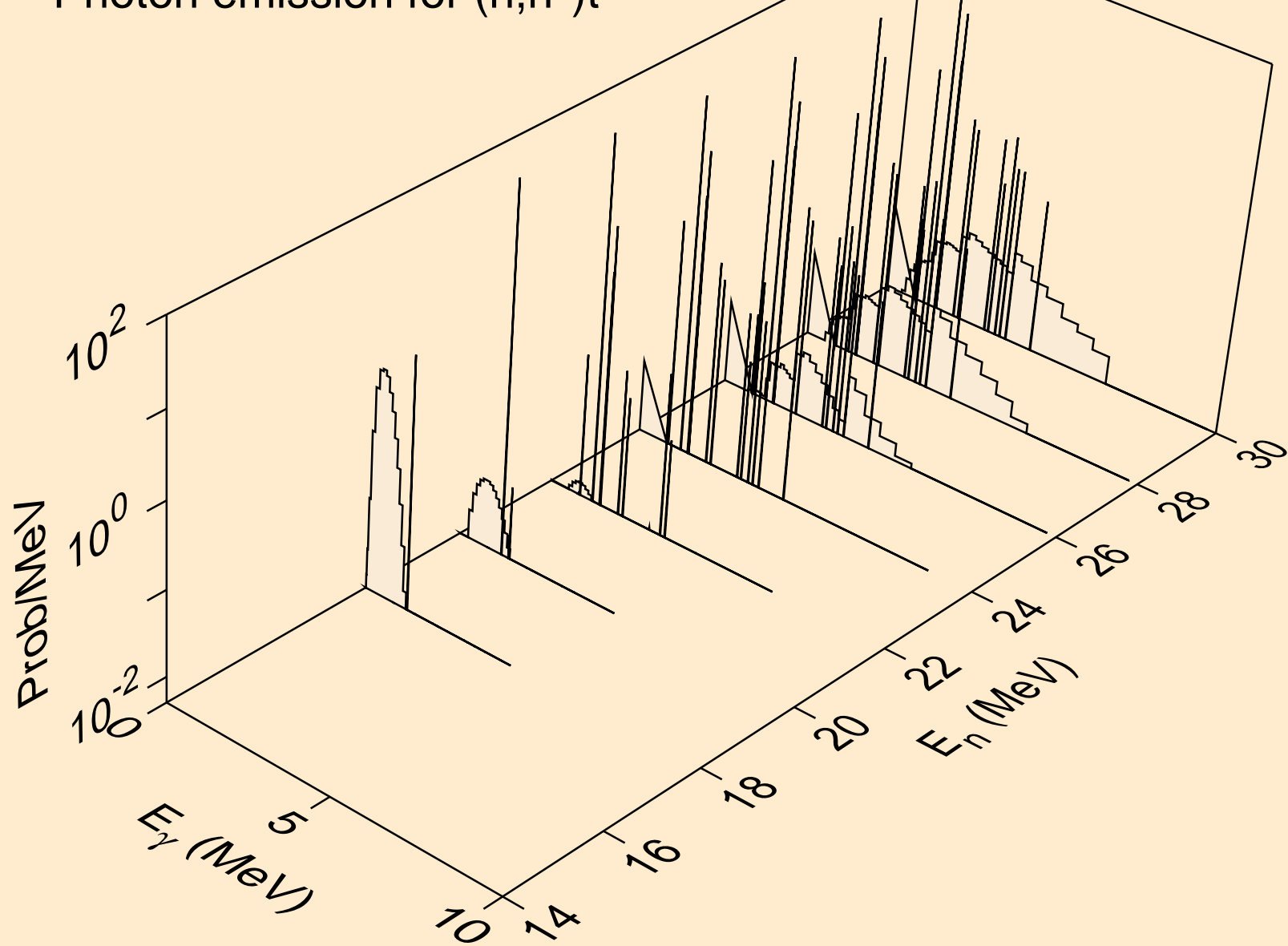
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



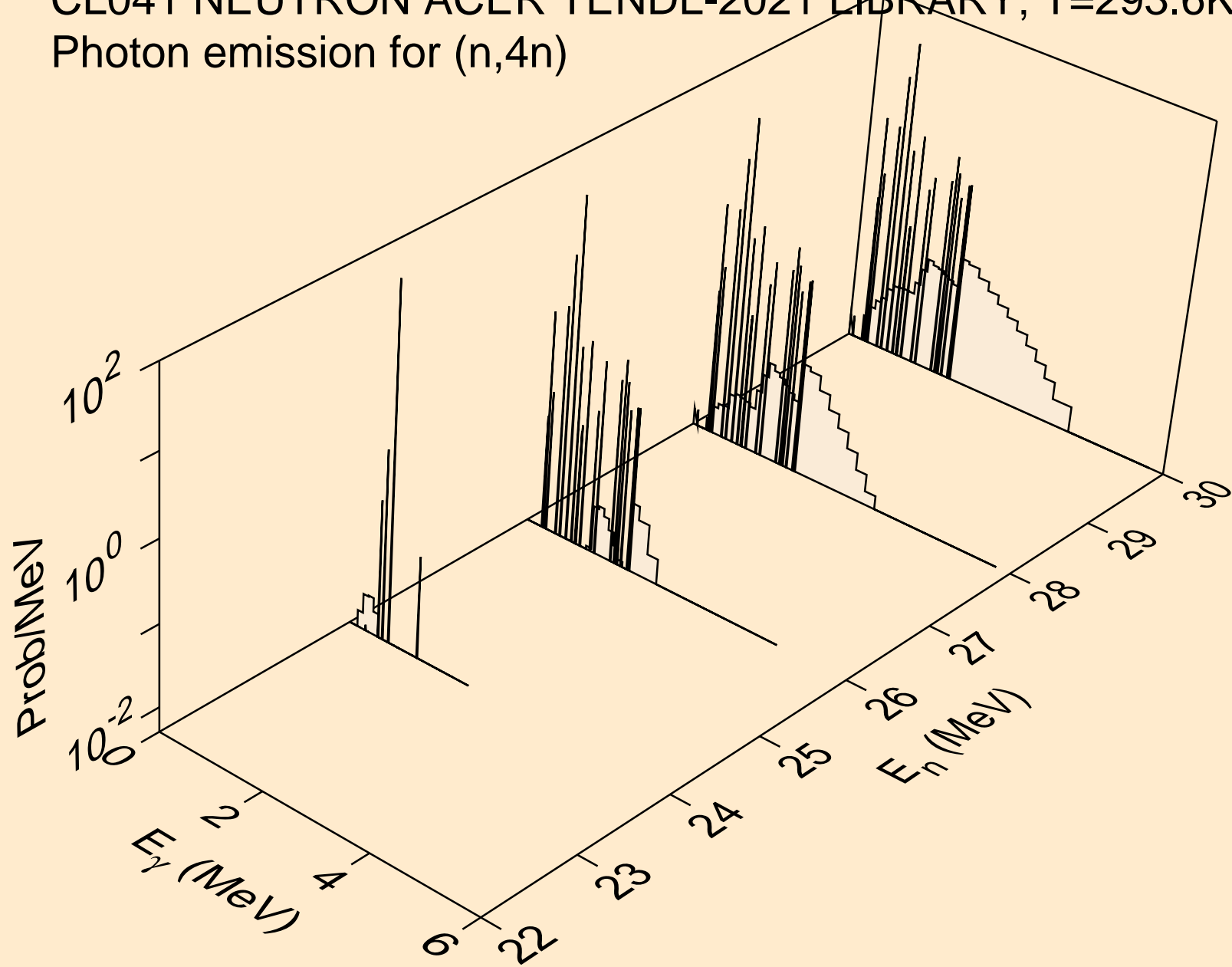
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



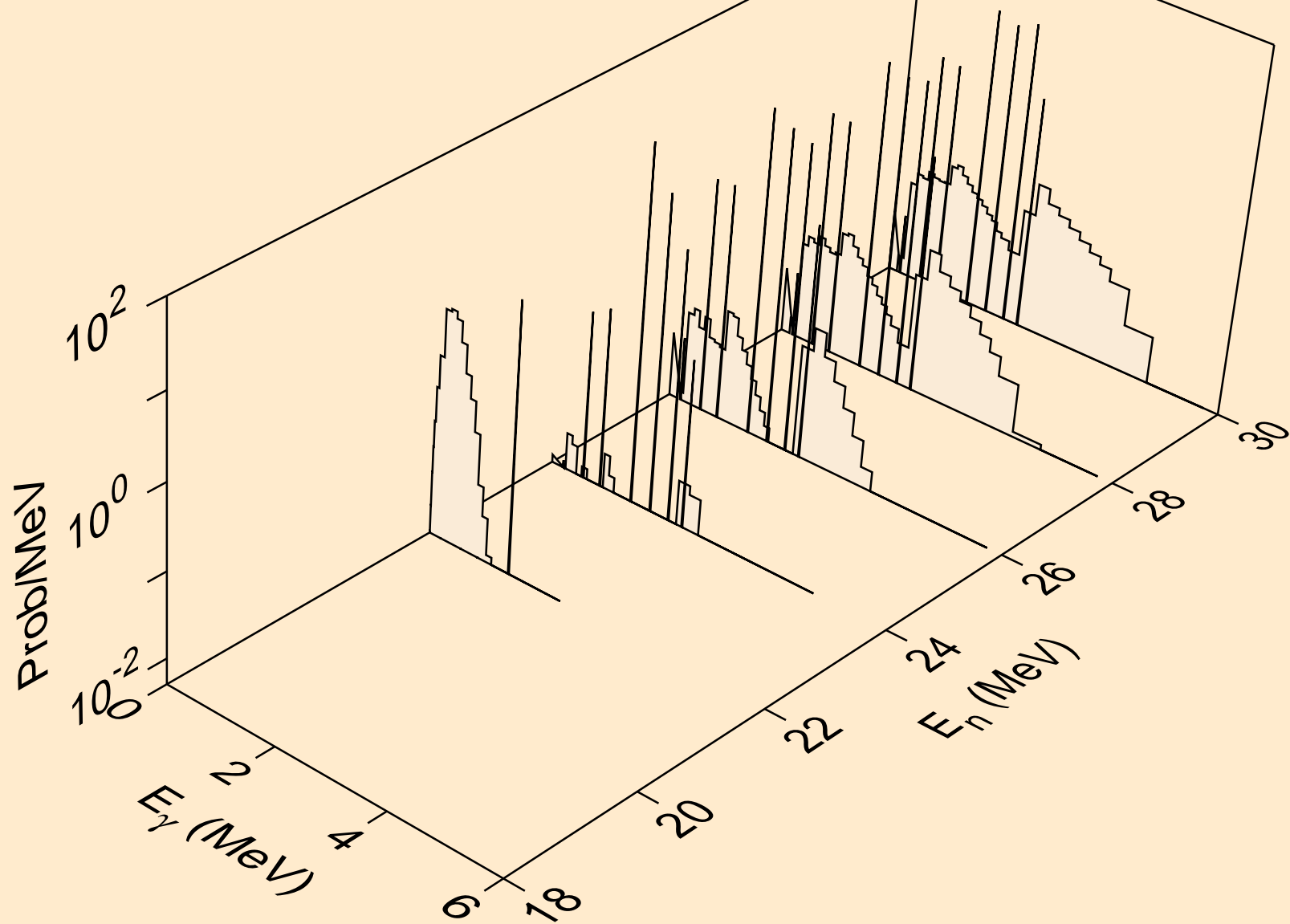
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



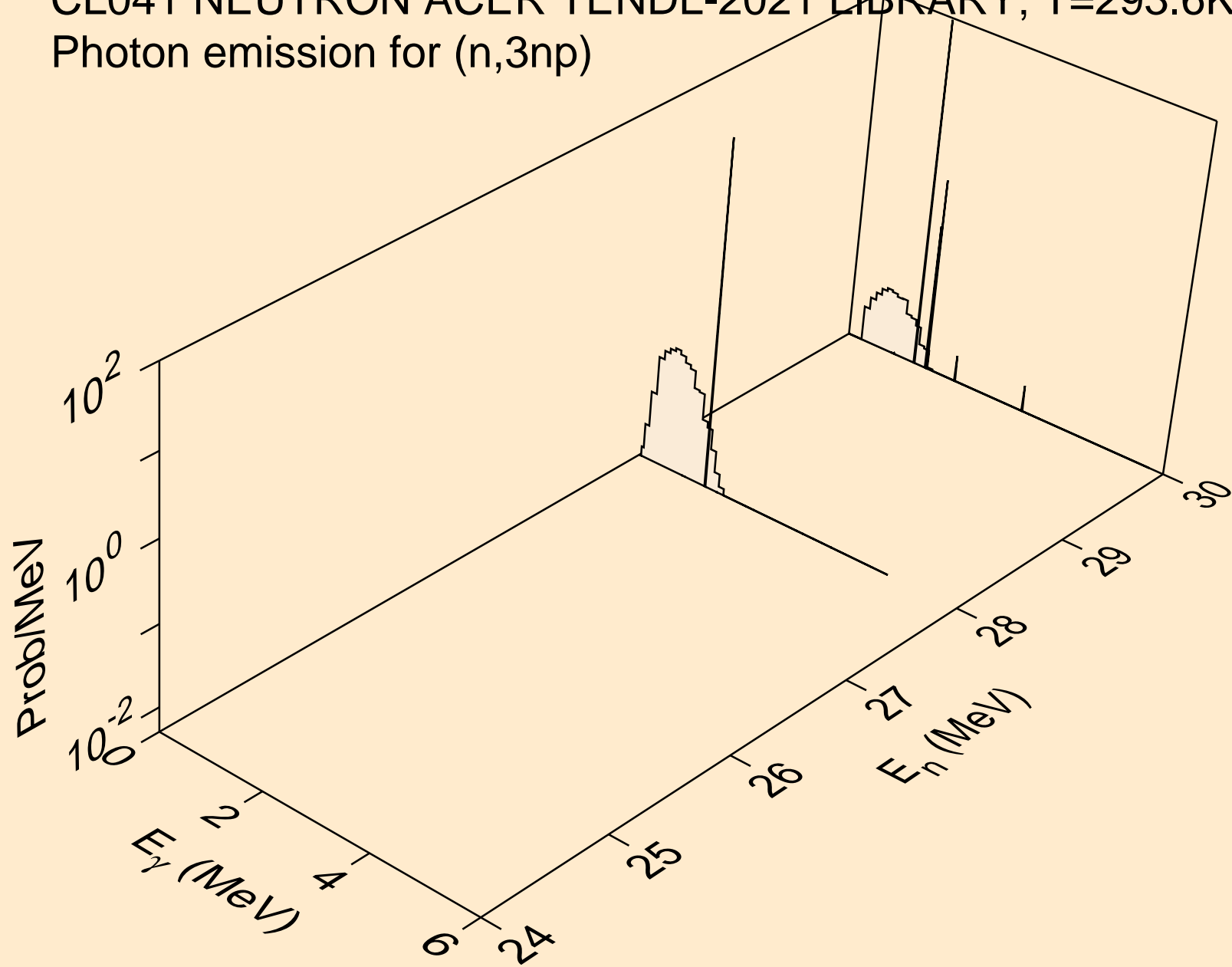
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

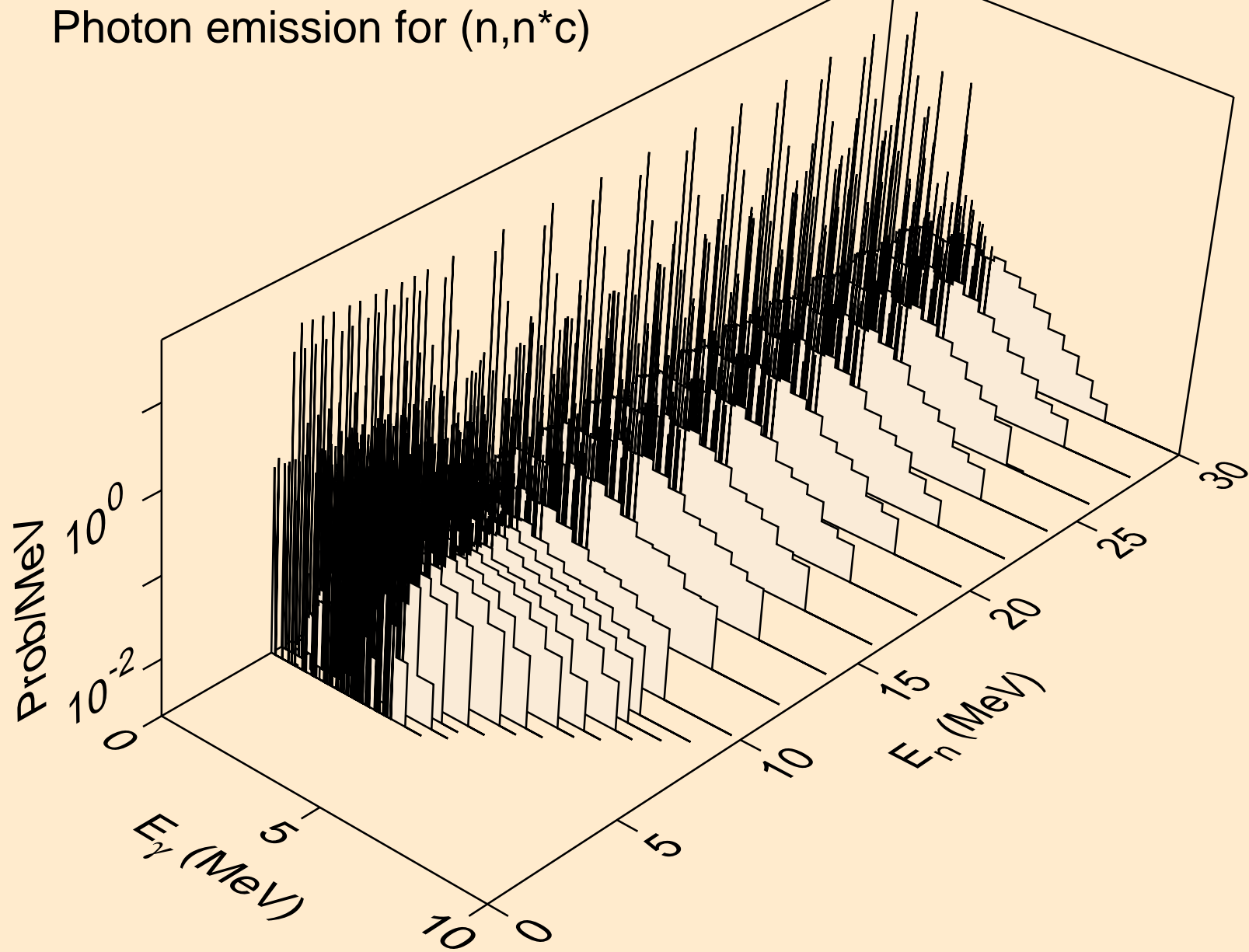


CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)

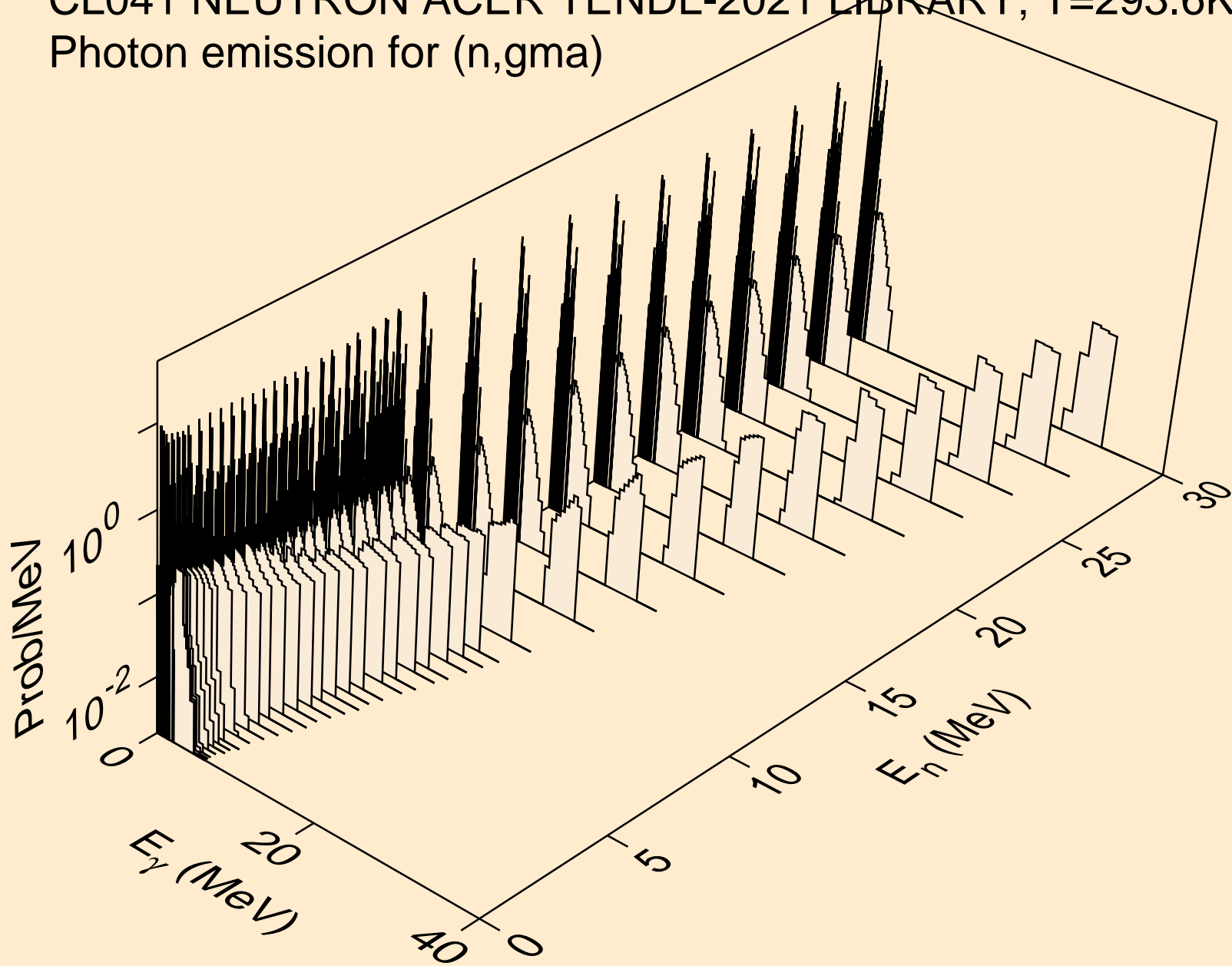




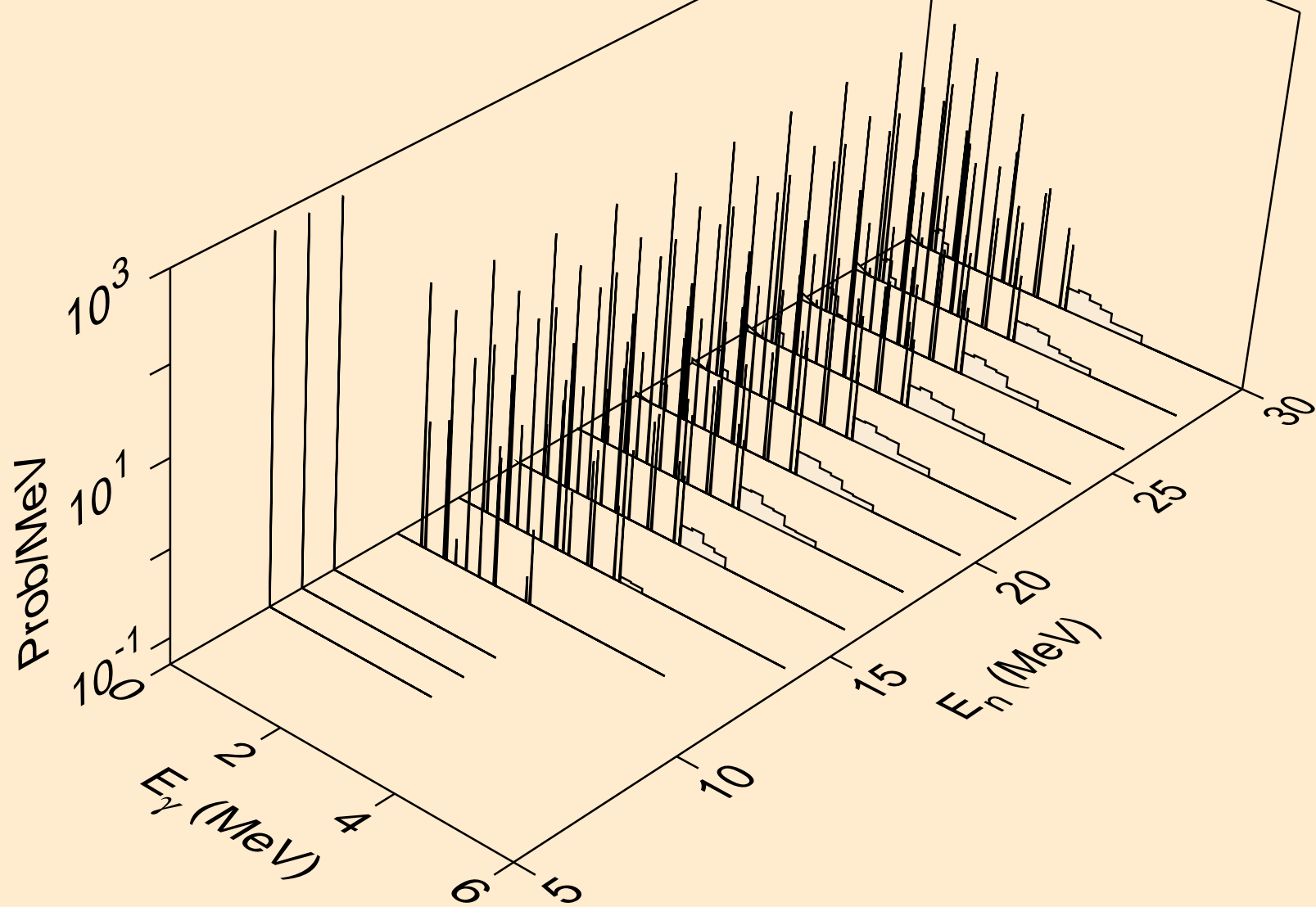
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Photon emission for (n,n\*c)



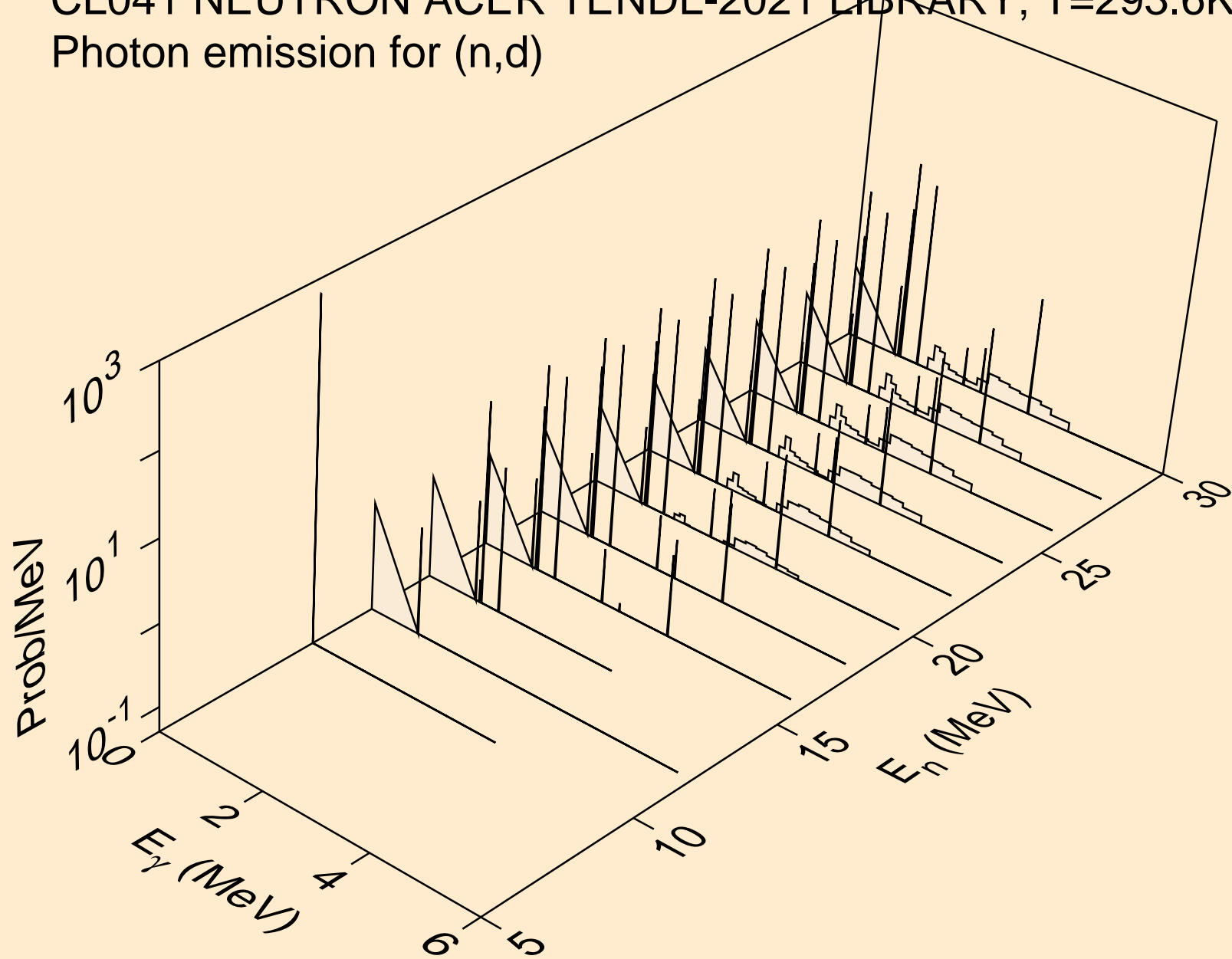
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Photon emission for (n,gma)



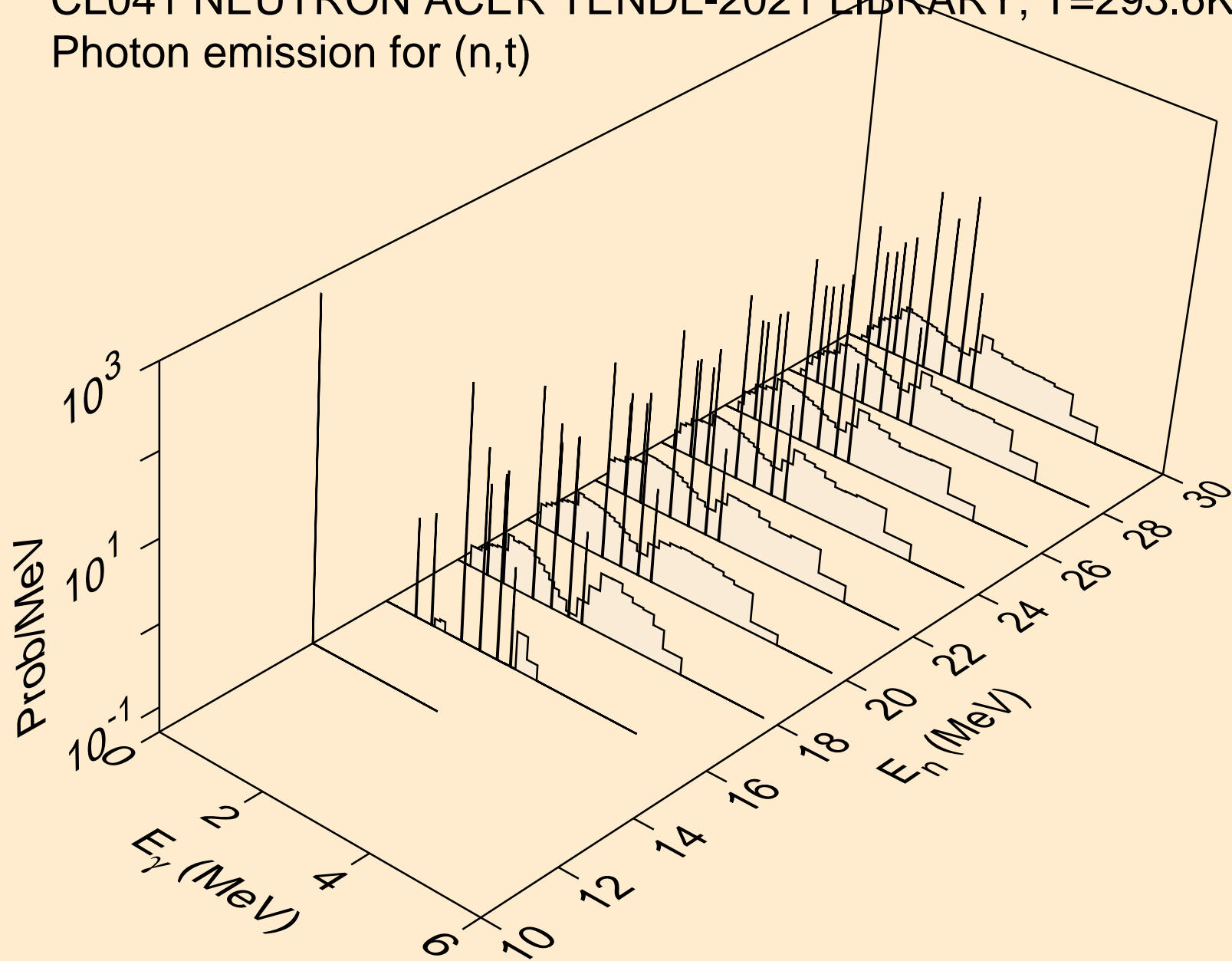
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Photon emission for (n,p)



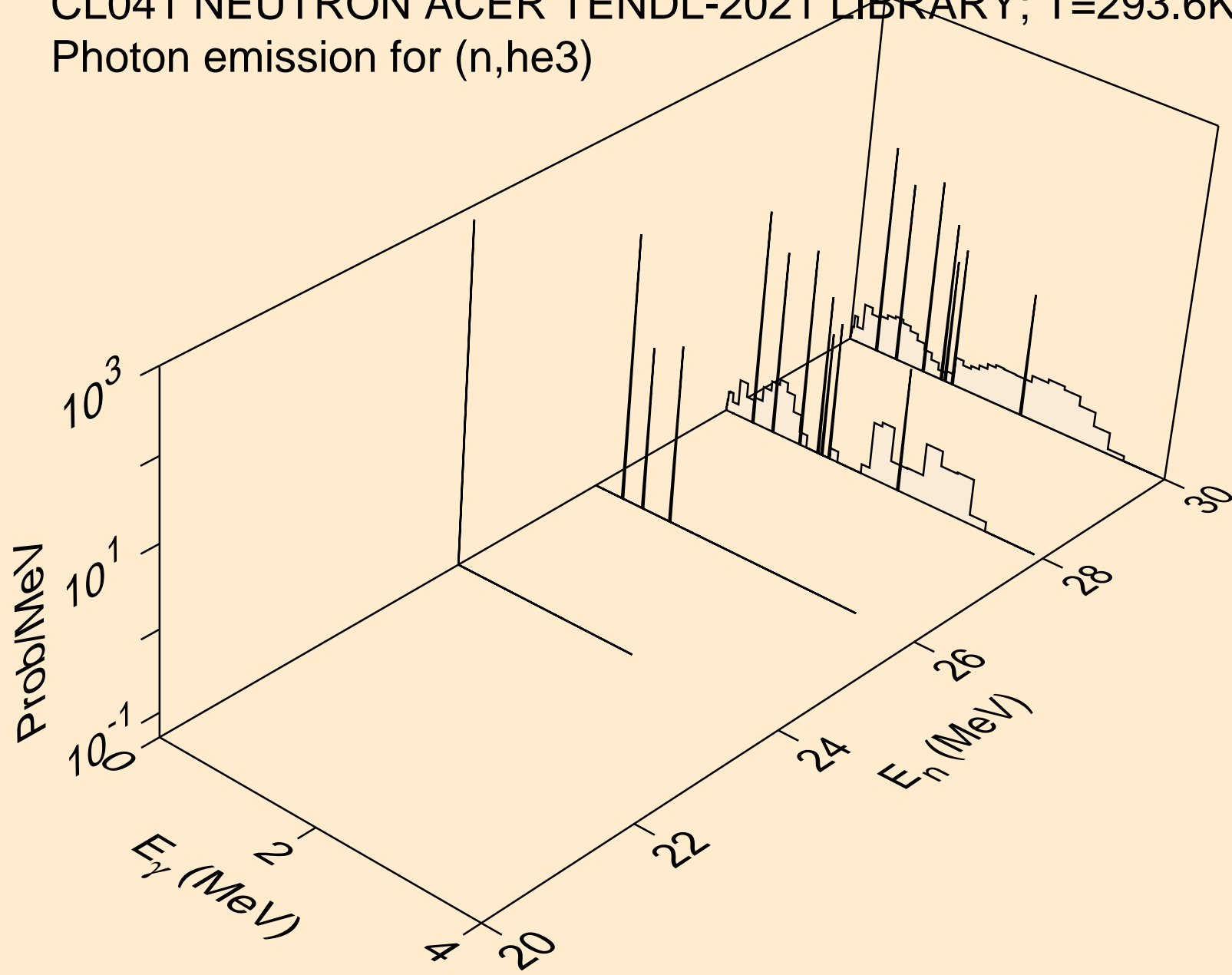
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Photon emission for (n,d)



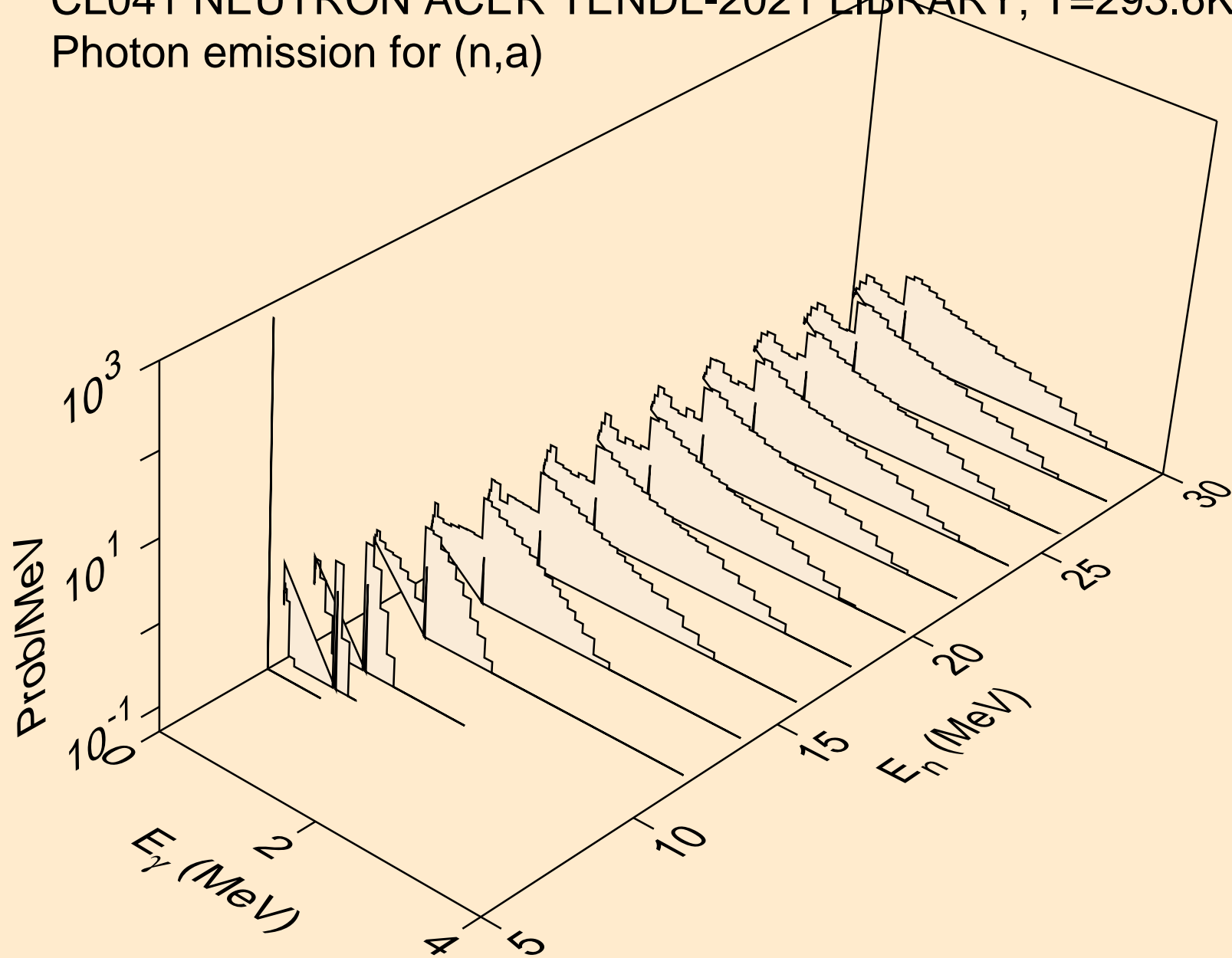
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Photon emission for (n,t)



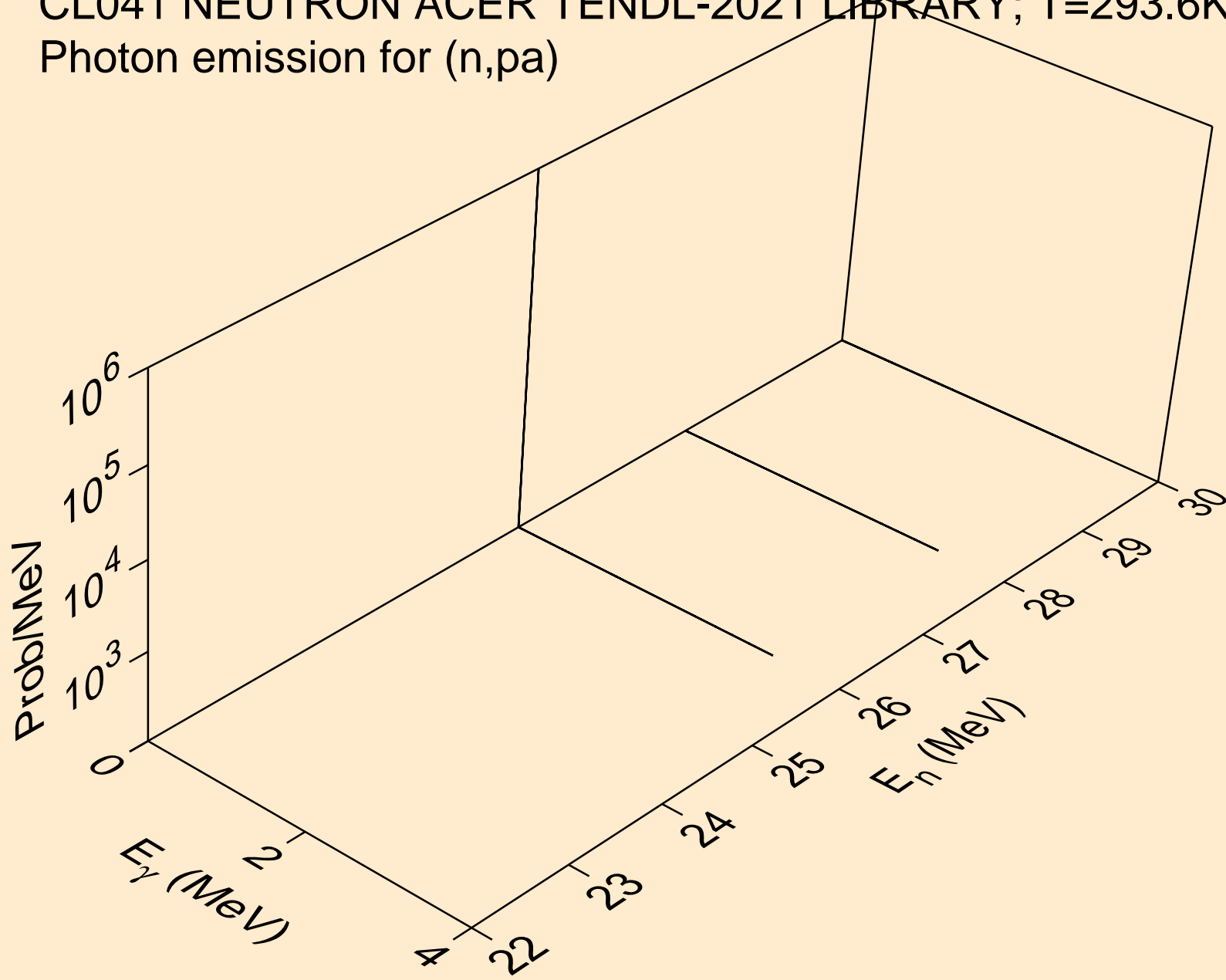
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

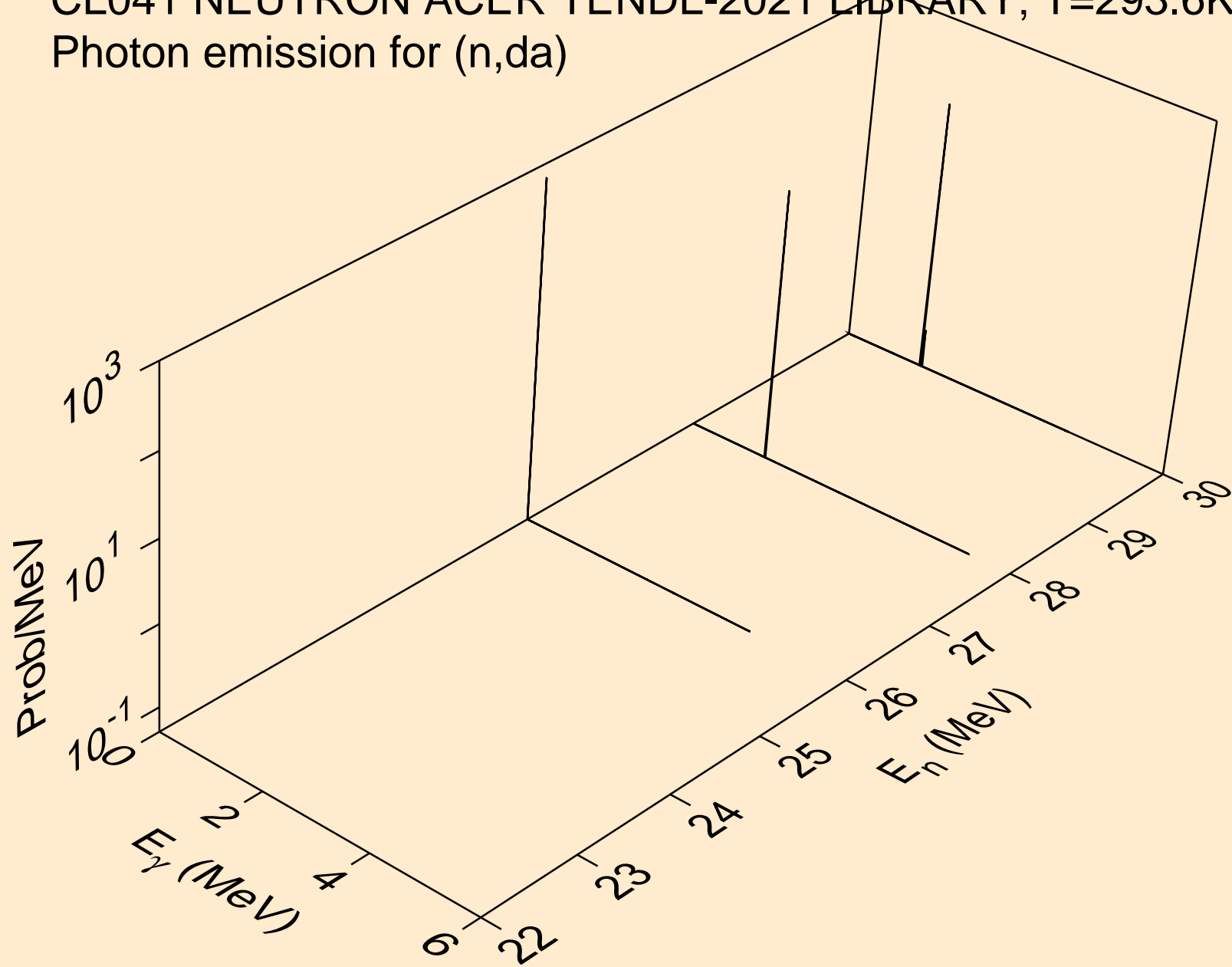


CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )

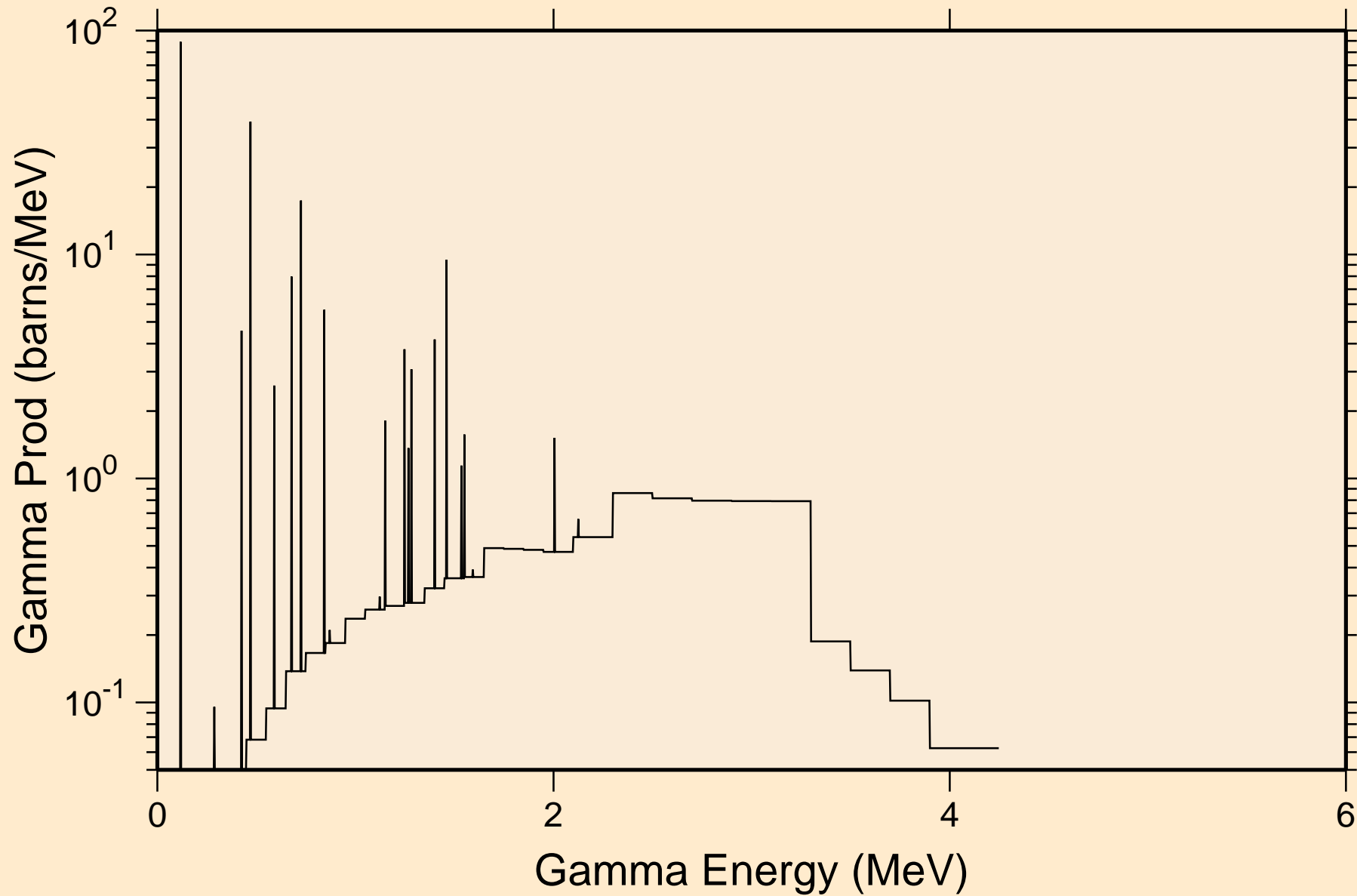




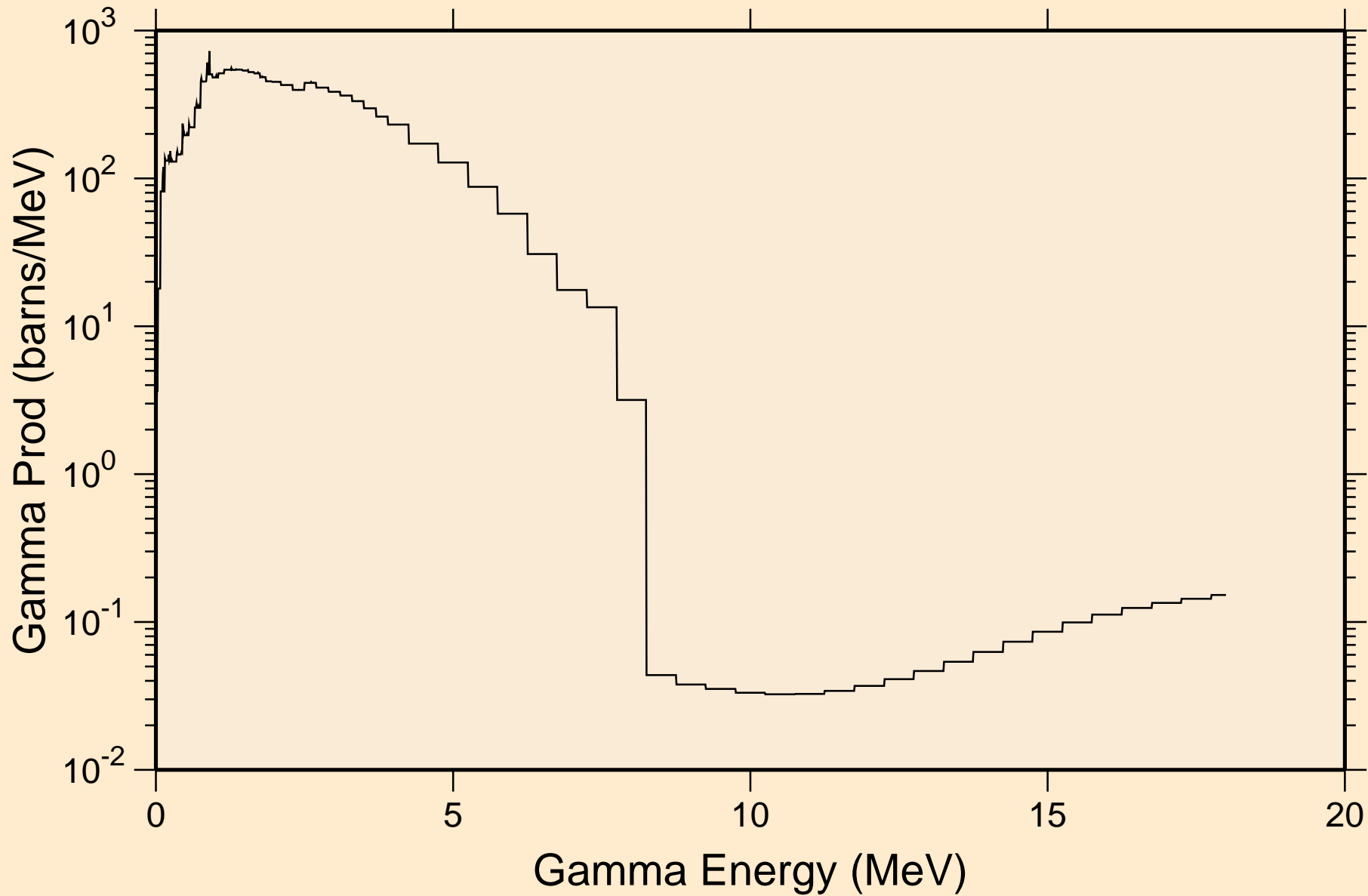
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Photon emission for (n,da)



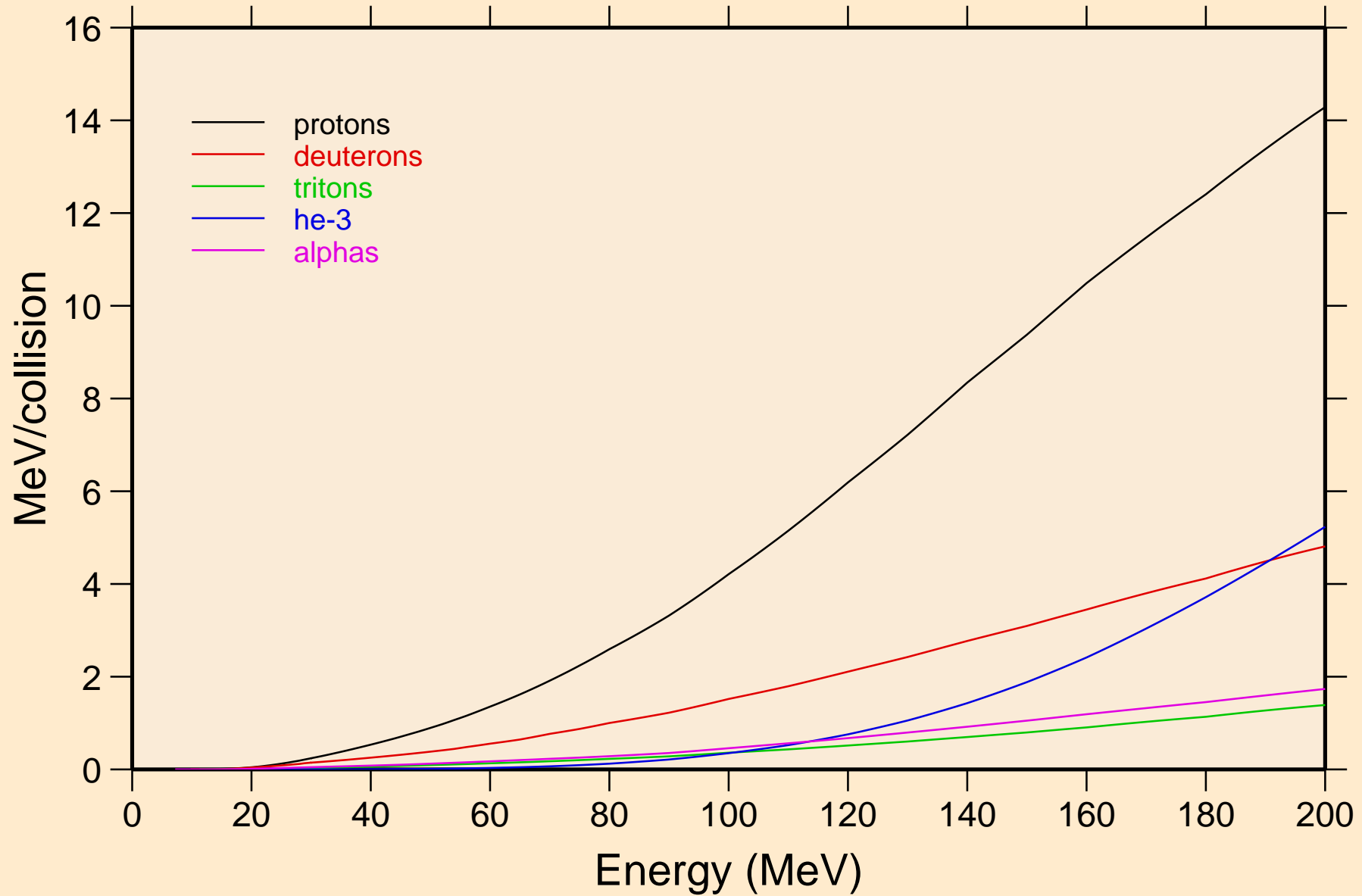
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thermal capture photon spectrum



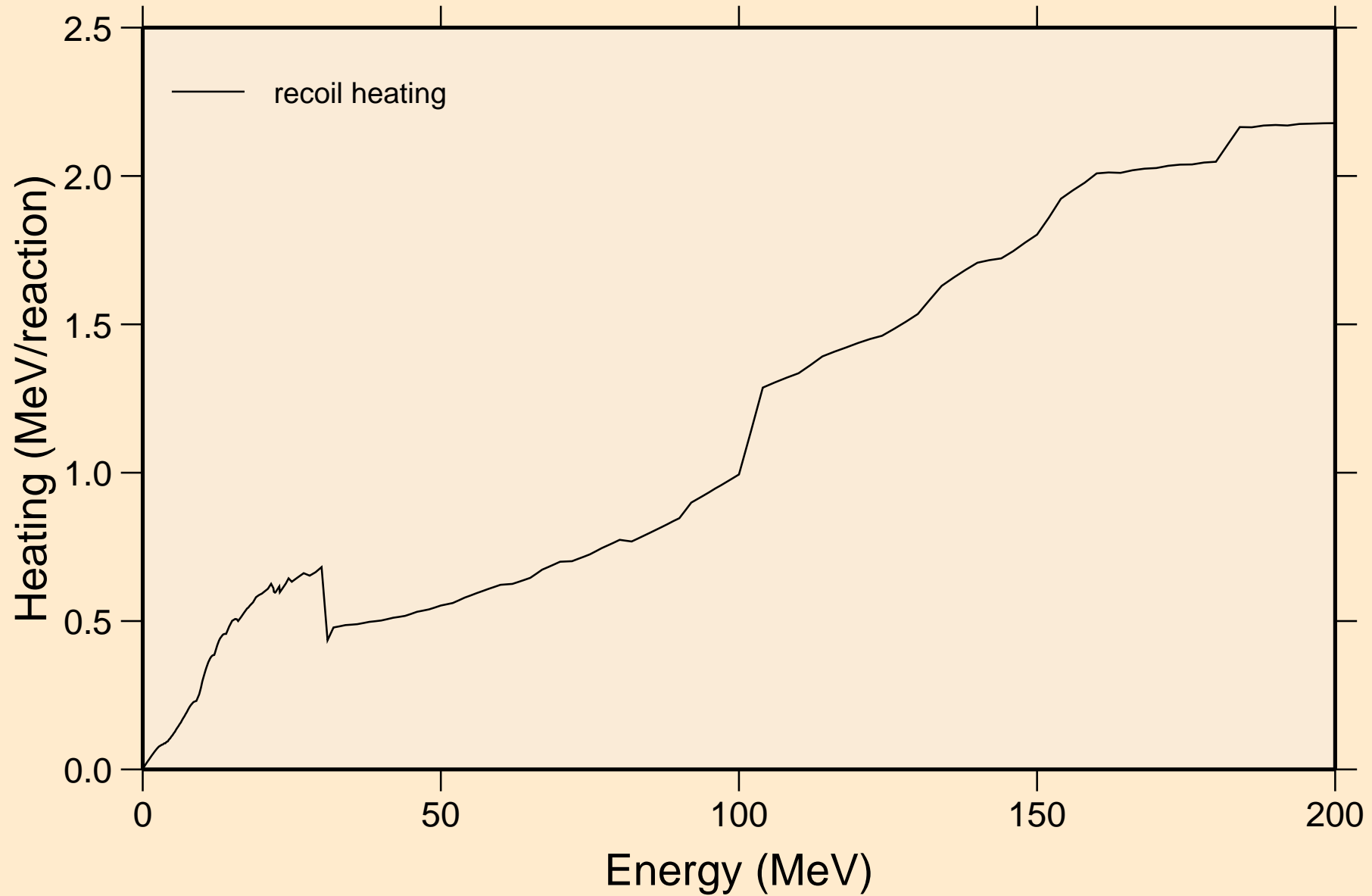
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14 MeV photon spectrum



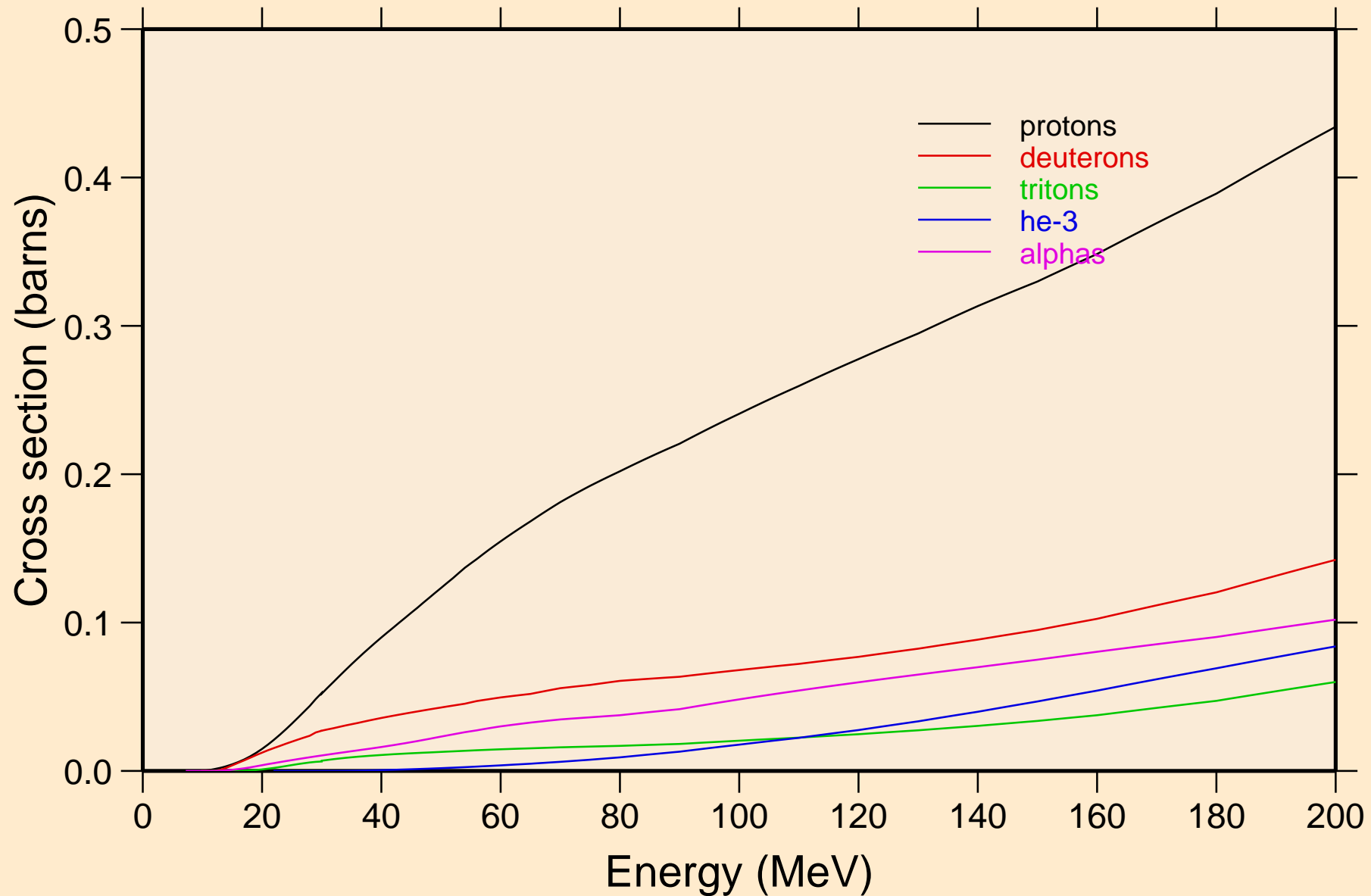
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Particle heating contributions



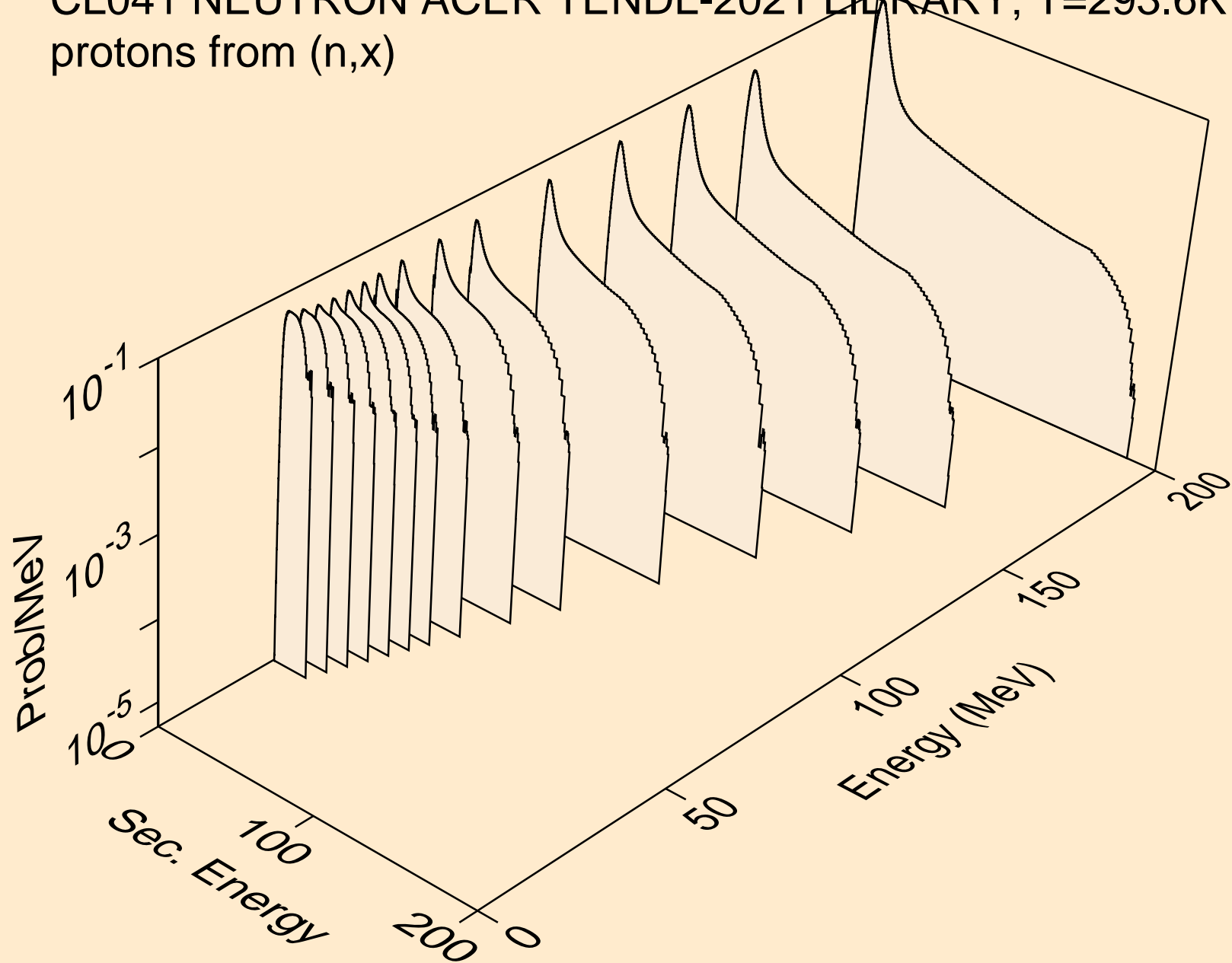
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Recoil Heating



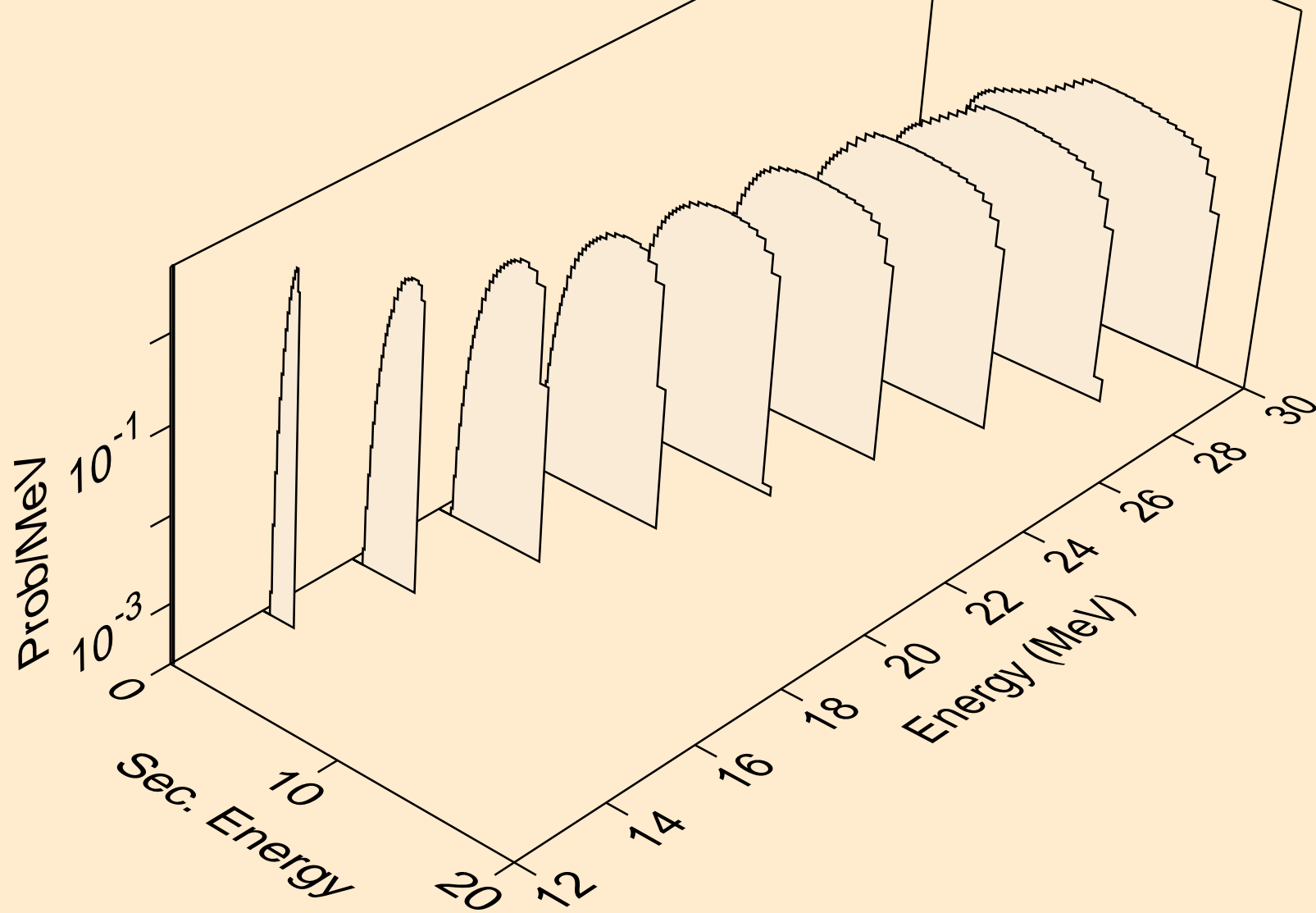
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Particle production cross sections



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

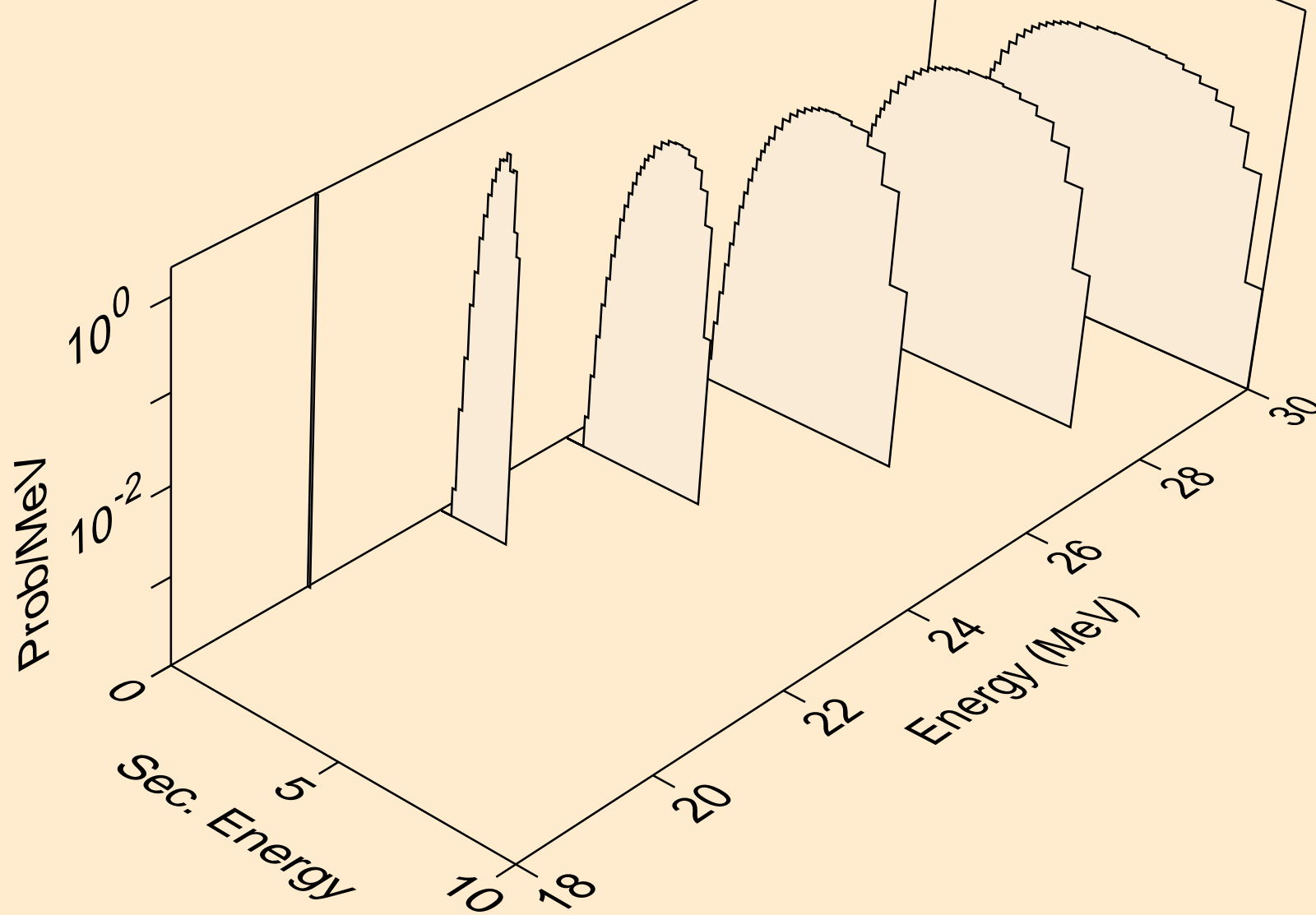


CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

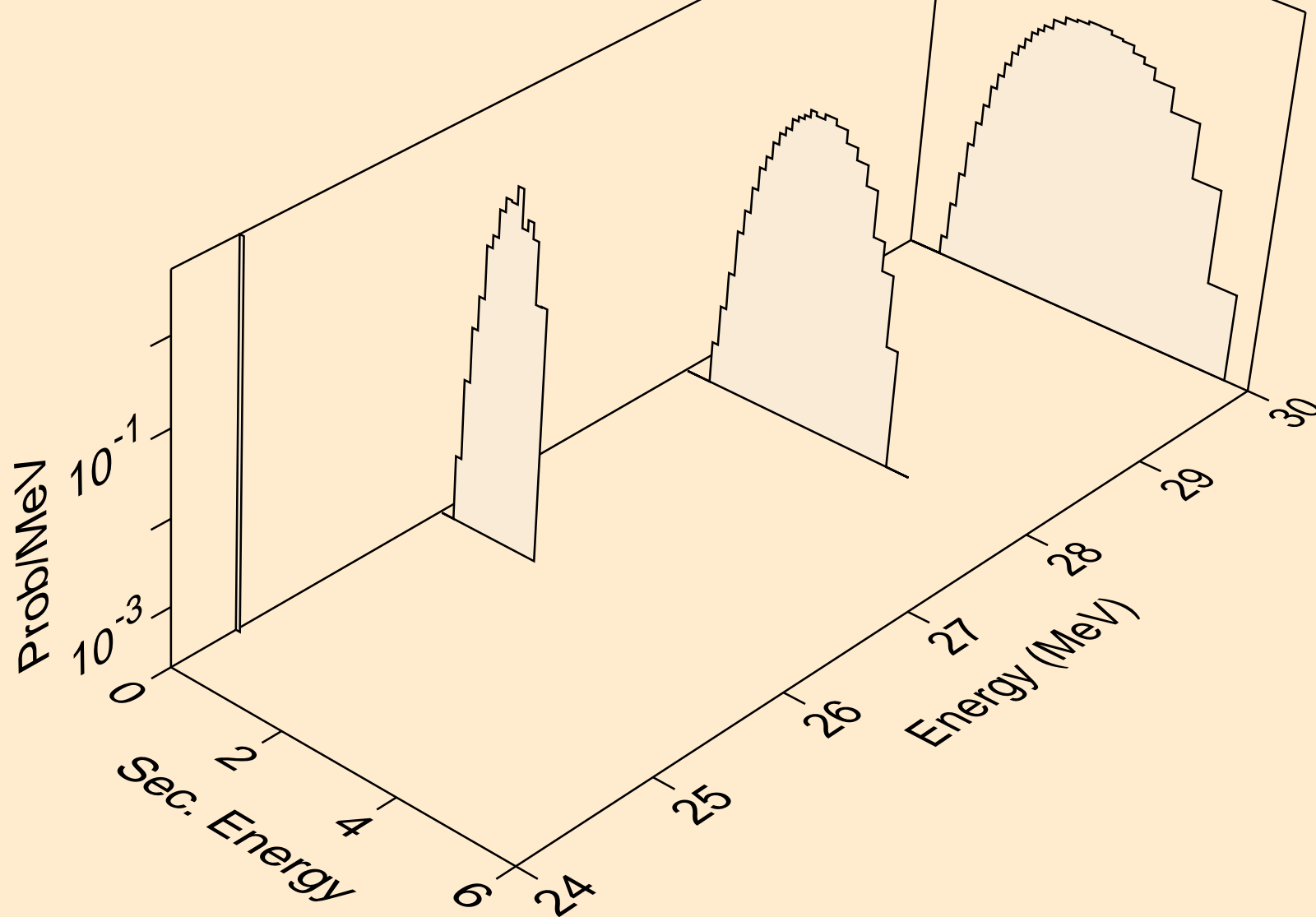




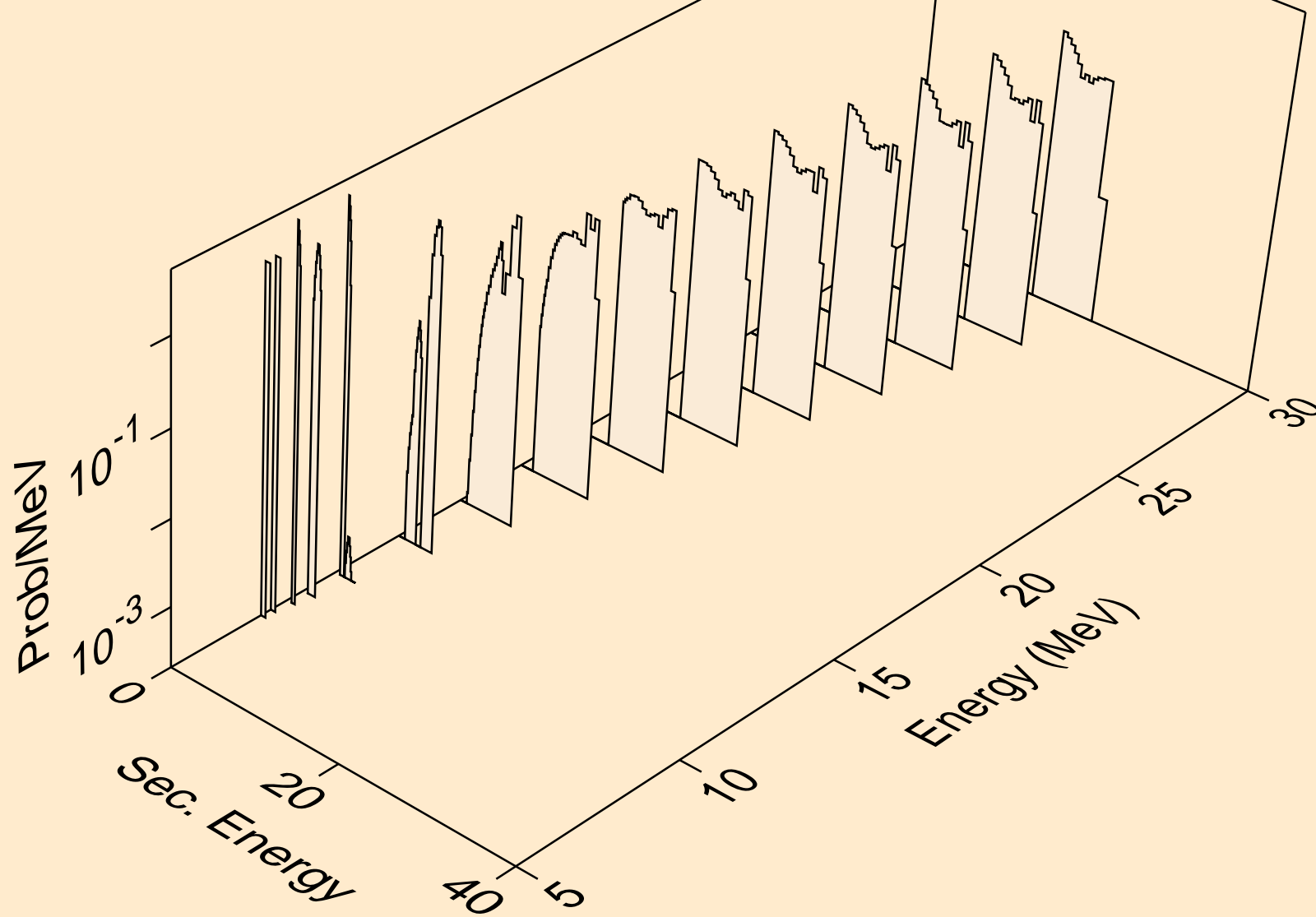
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protons from (n,2np)



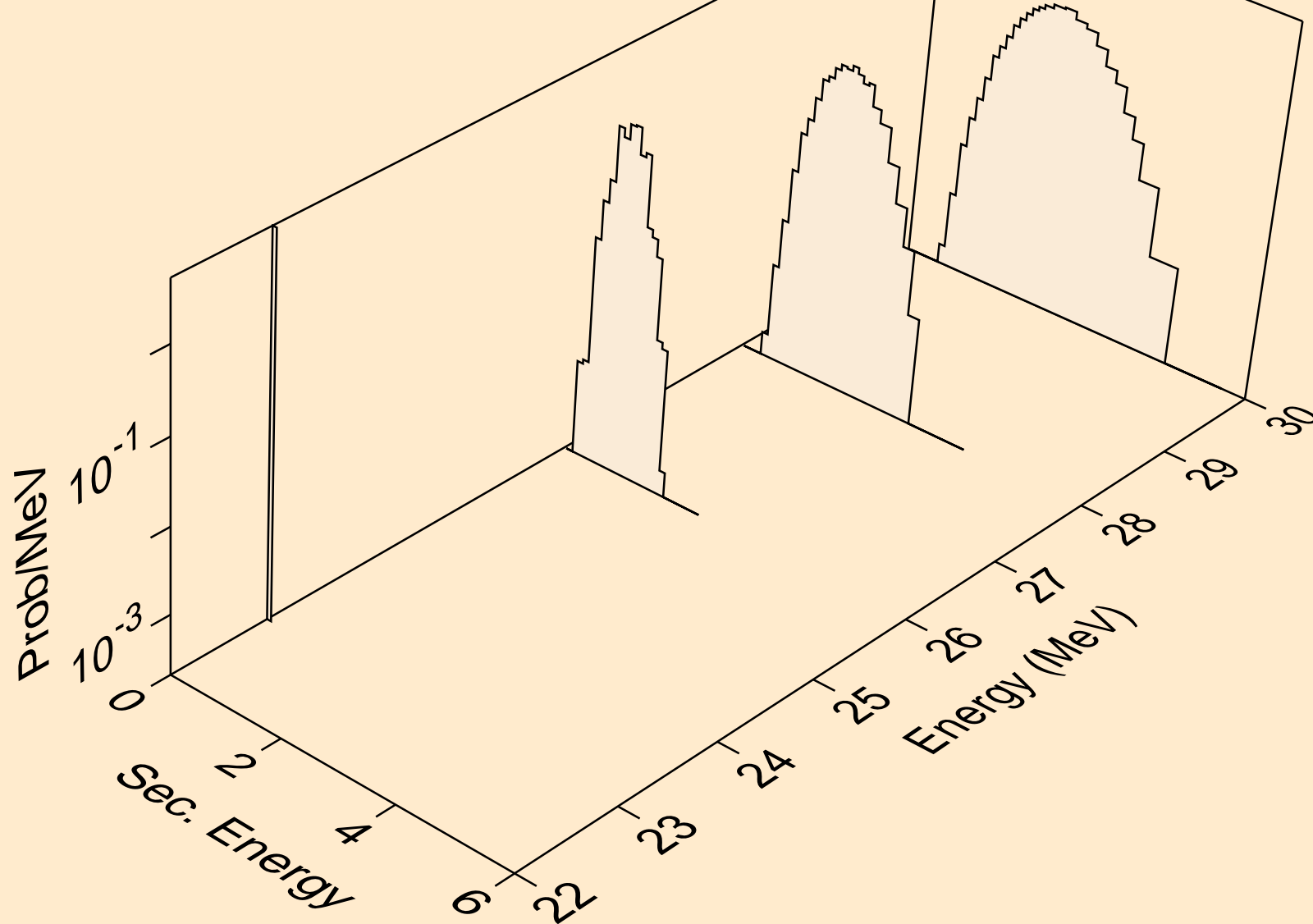
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protons from (n,3np)



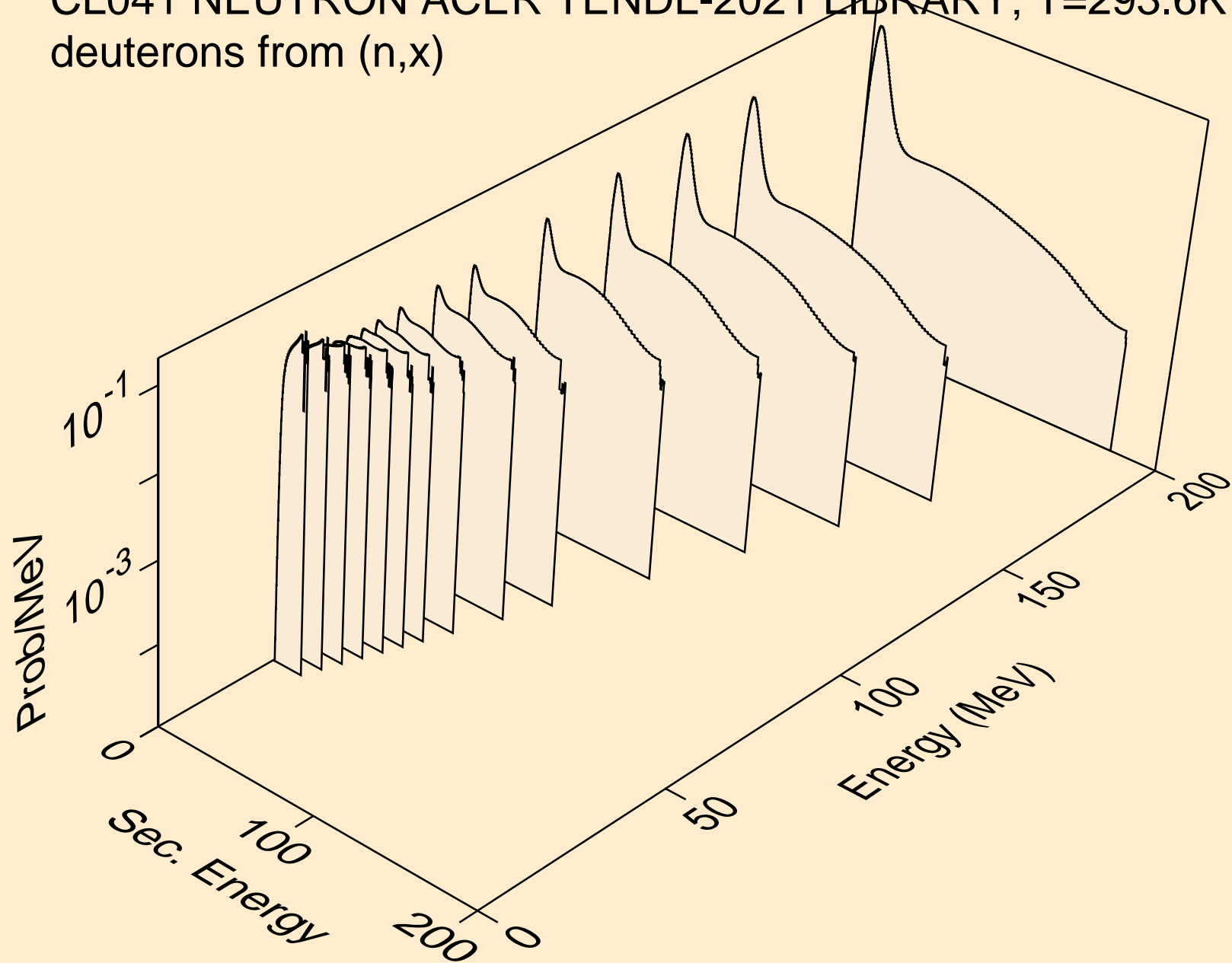
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protons from (n,p)



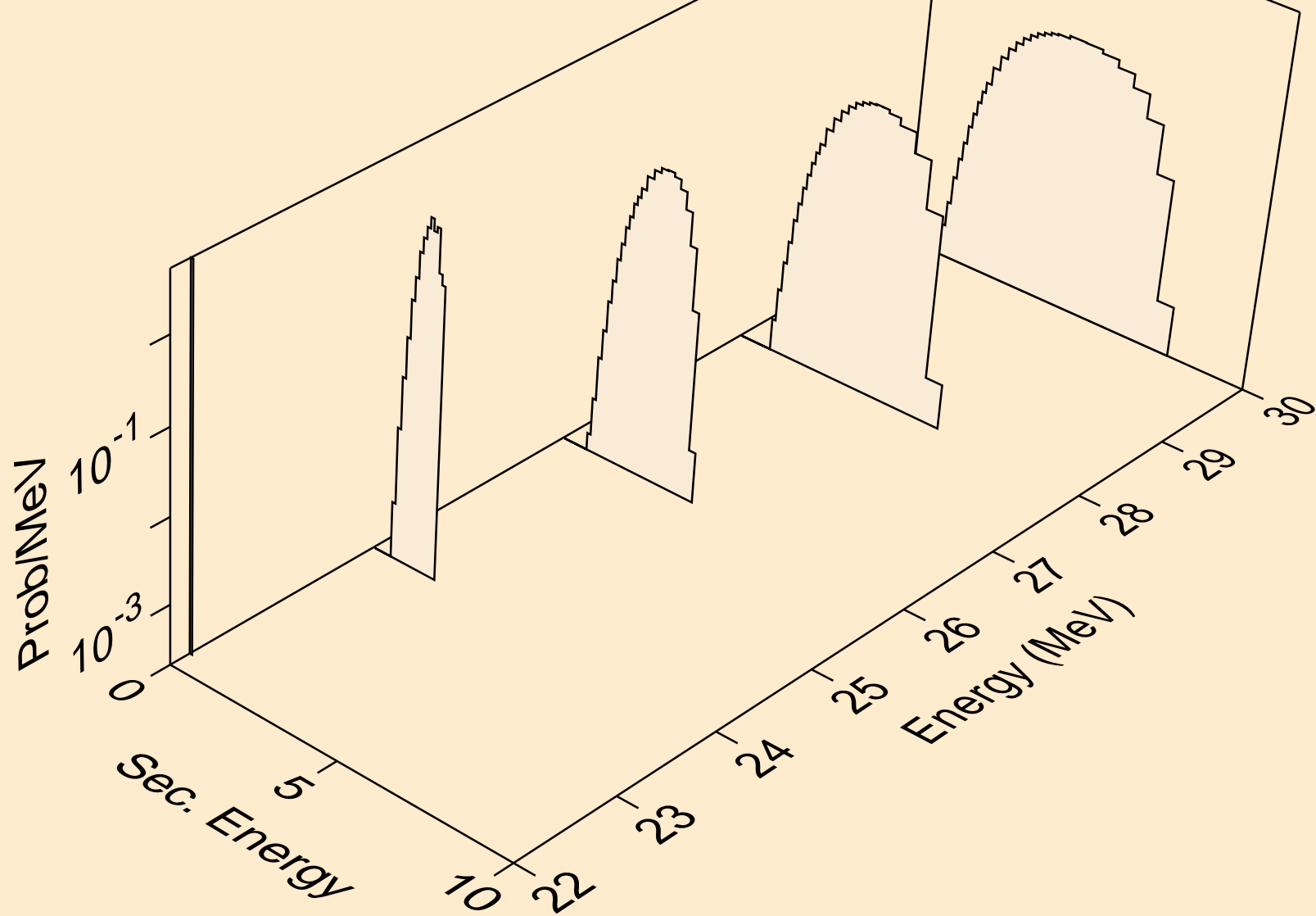
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protons from (n,p)



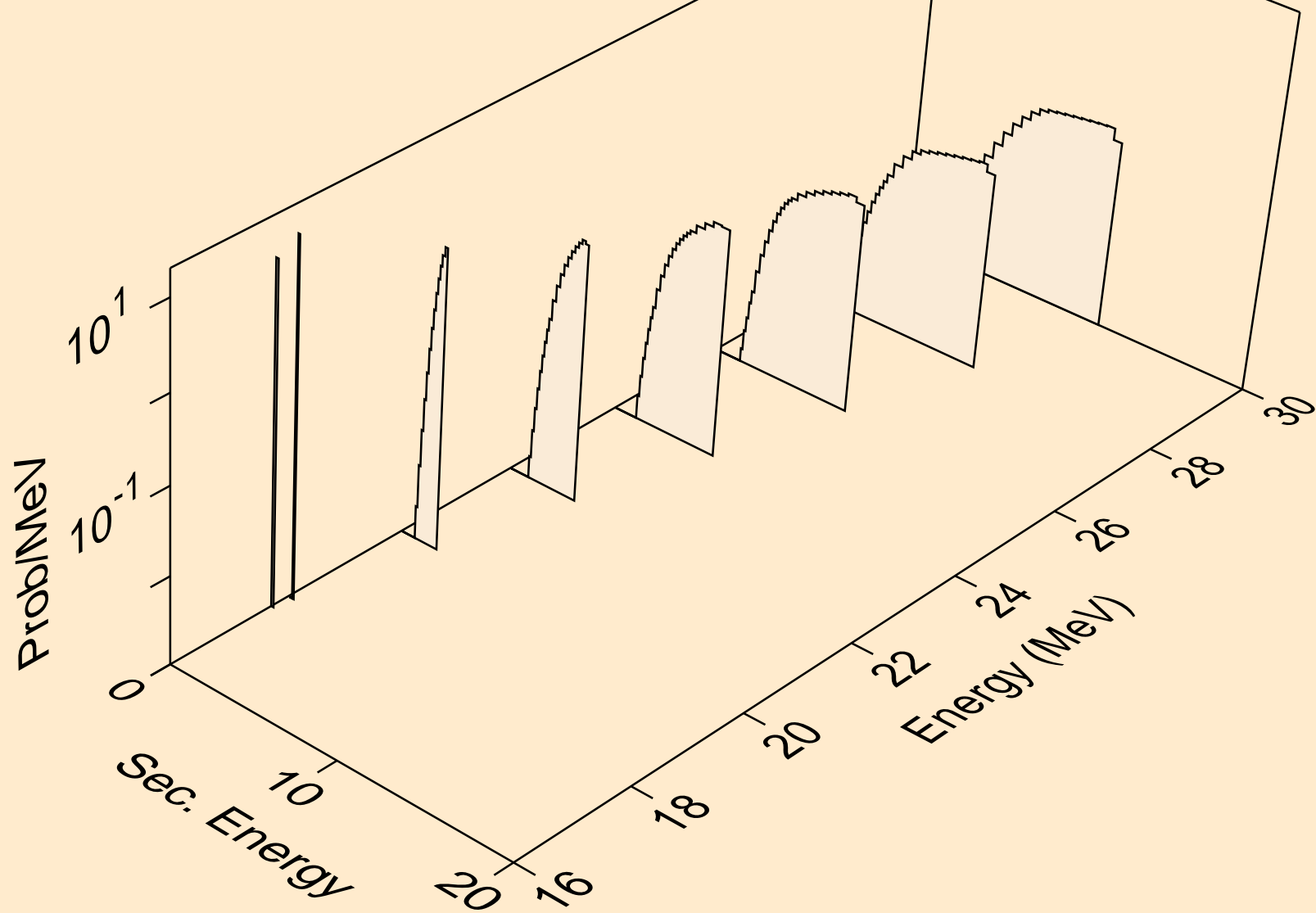
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deuterons from (n,x)



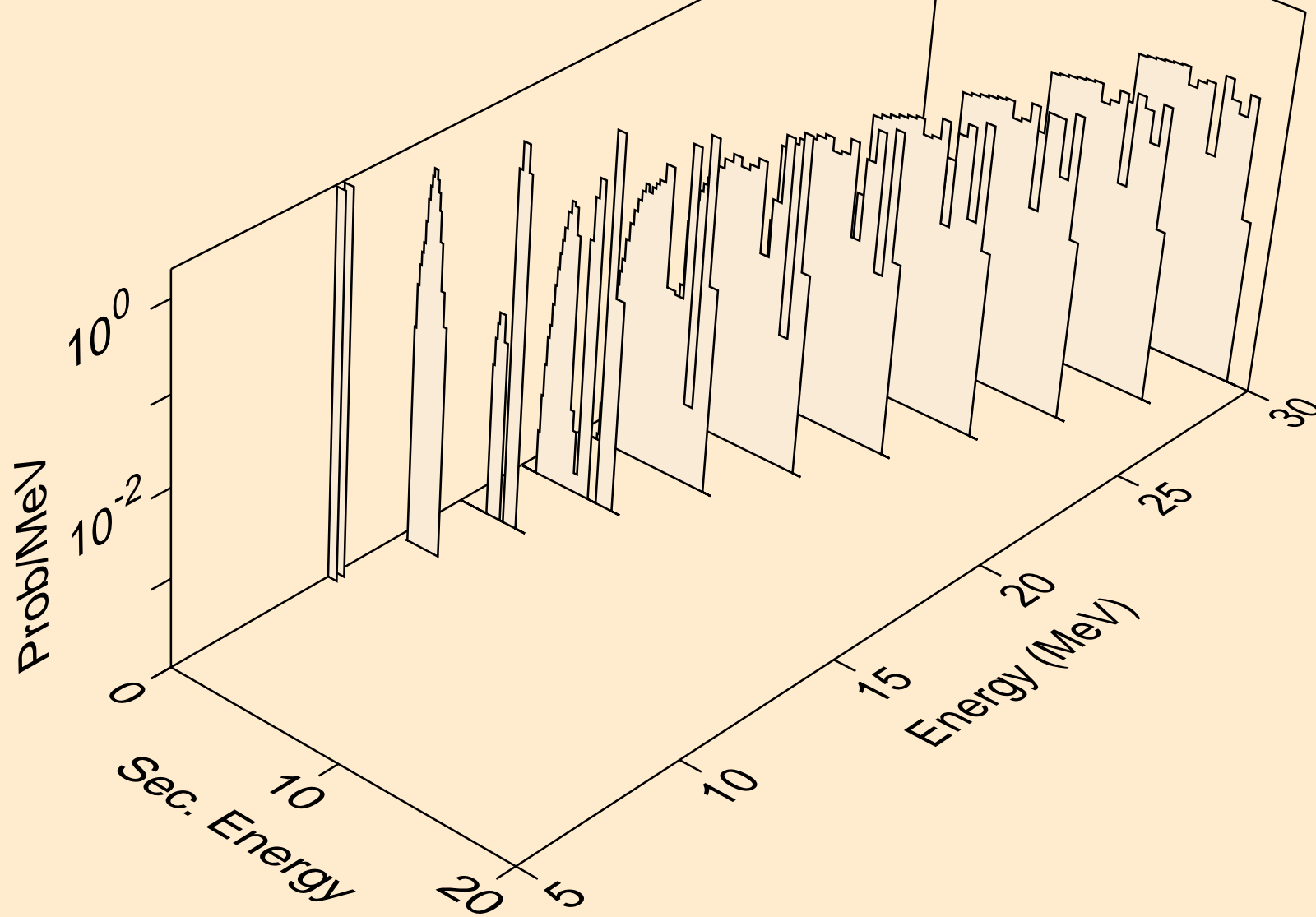
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deuterons from (n,2nd)



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

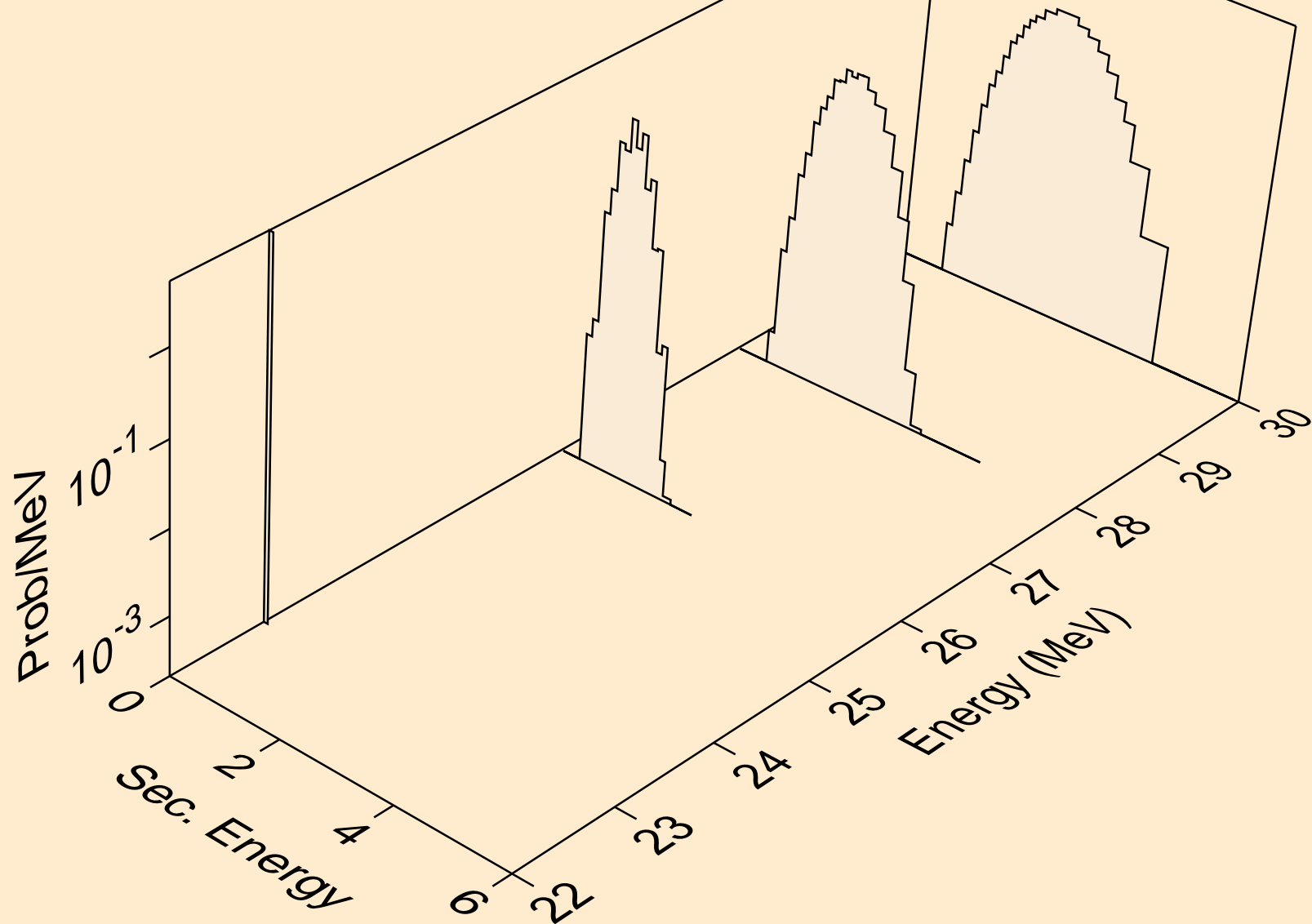


CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,d)

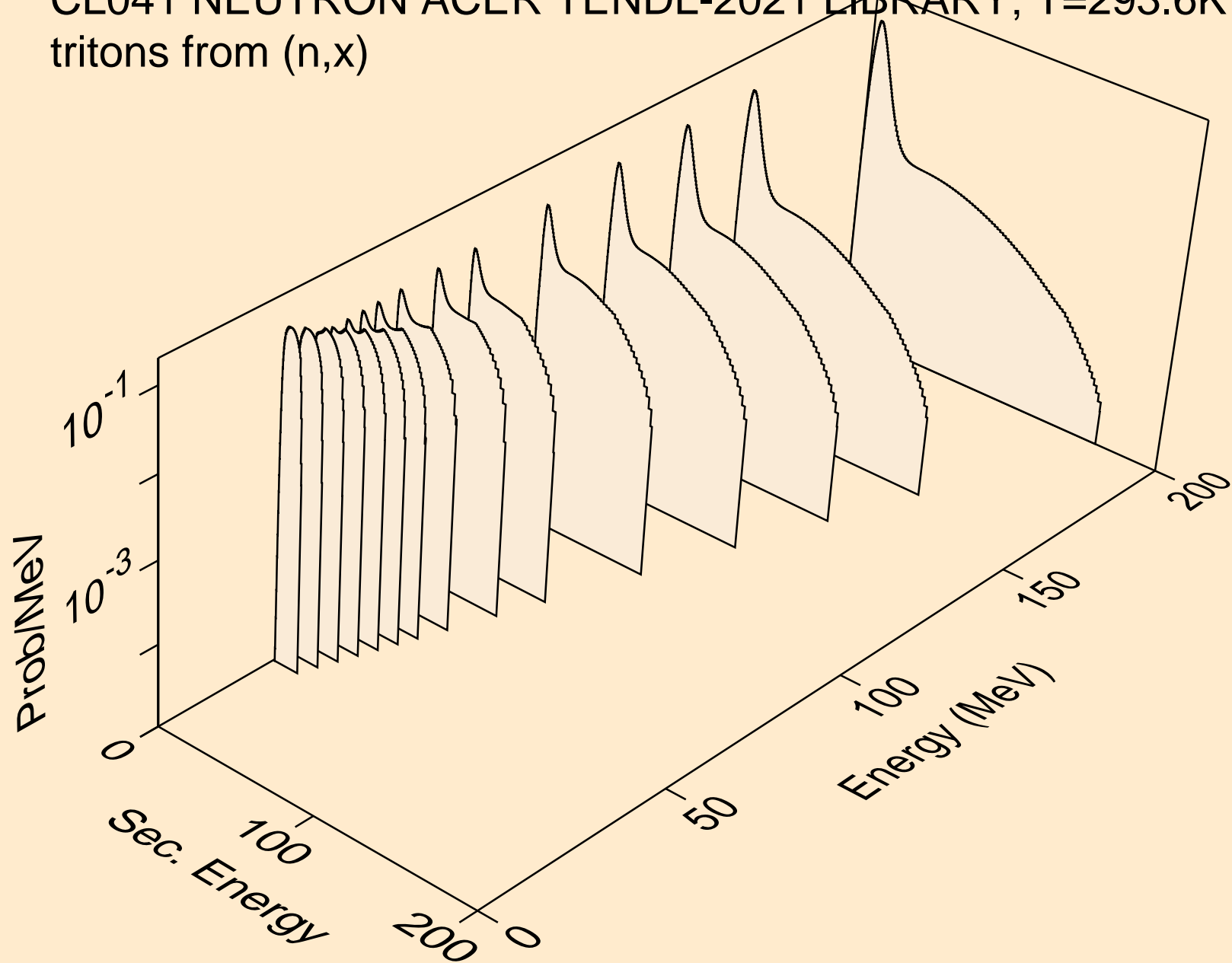




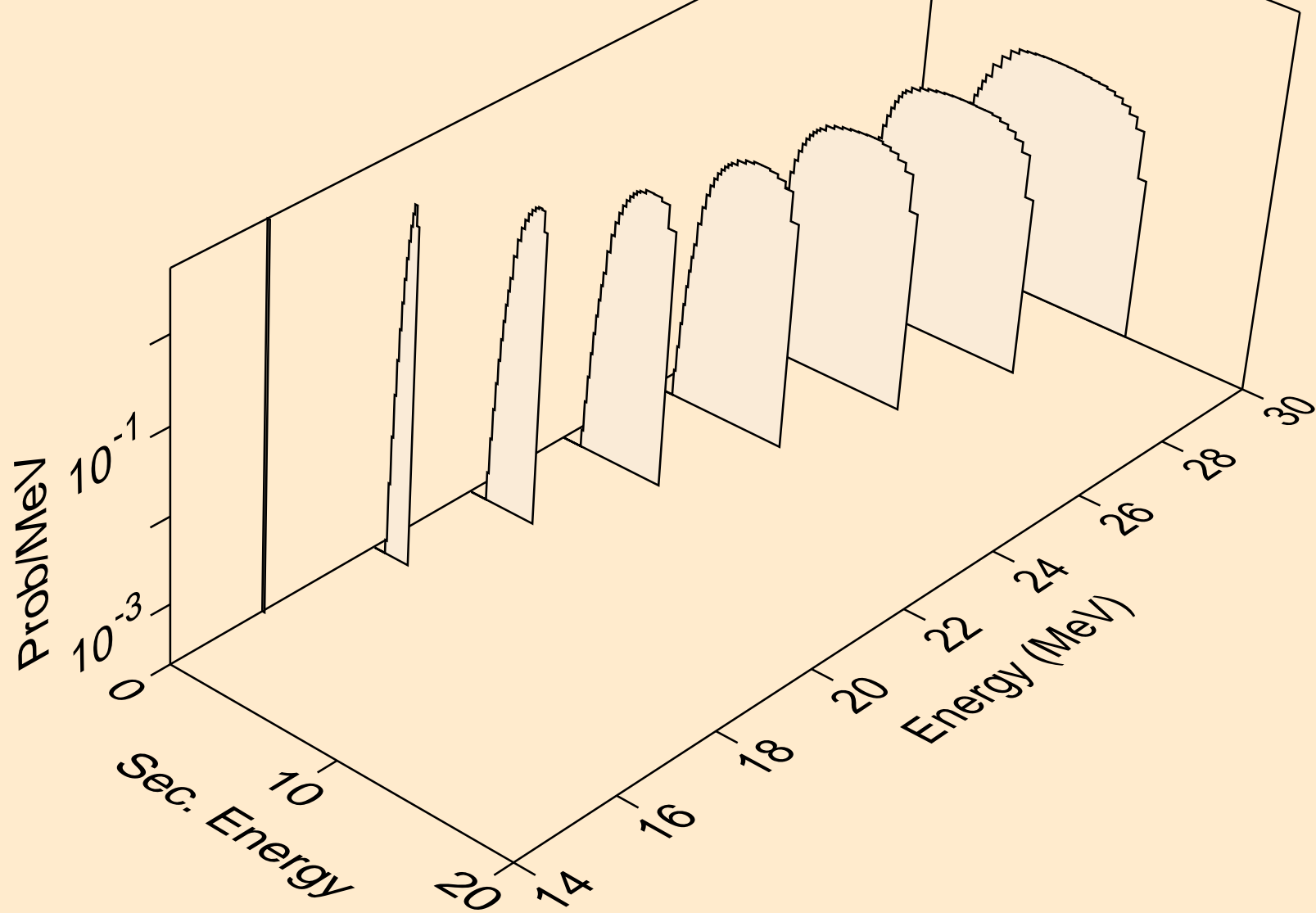
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deuterons from (n,da)



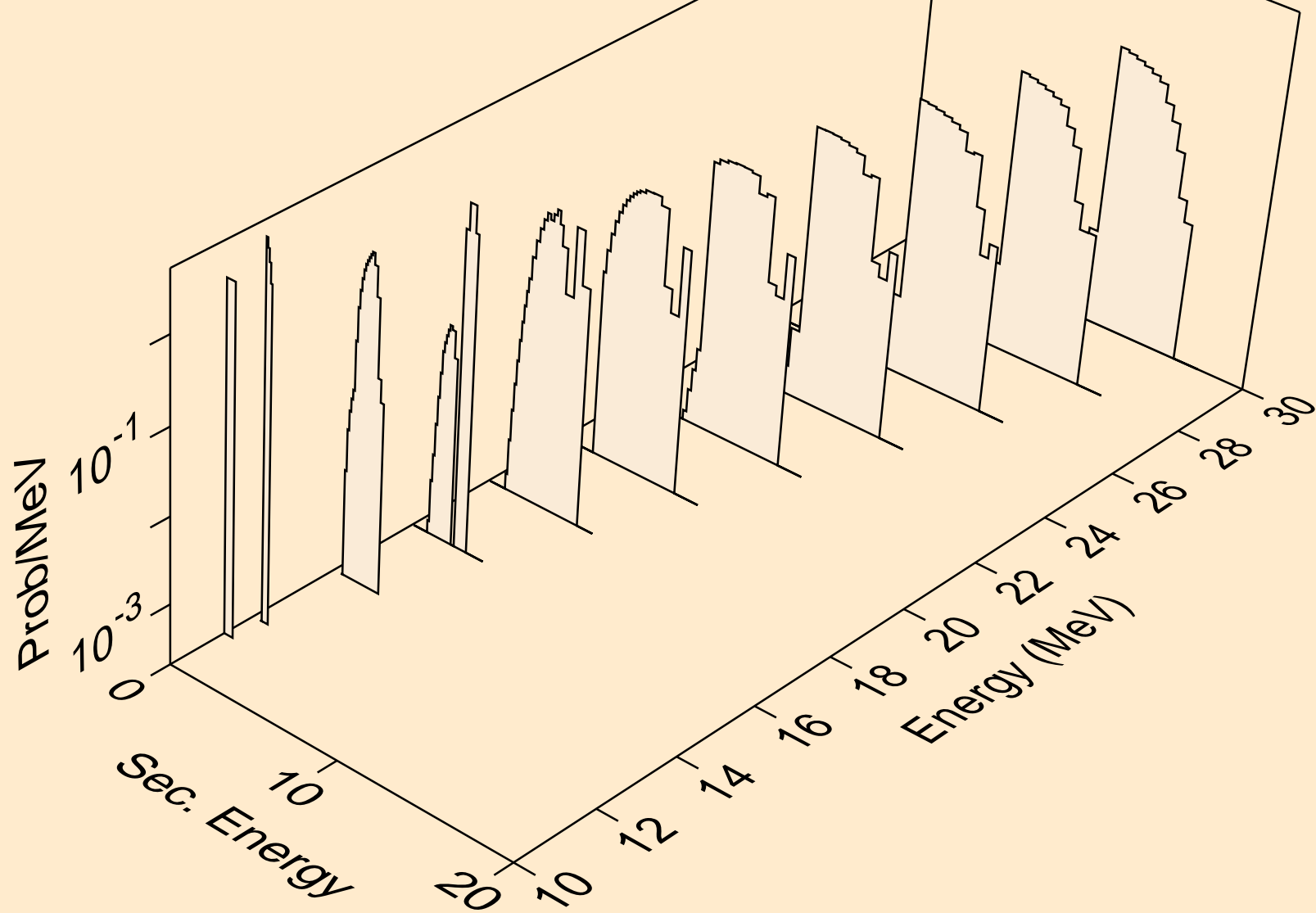
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



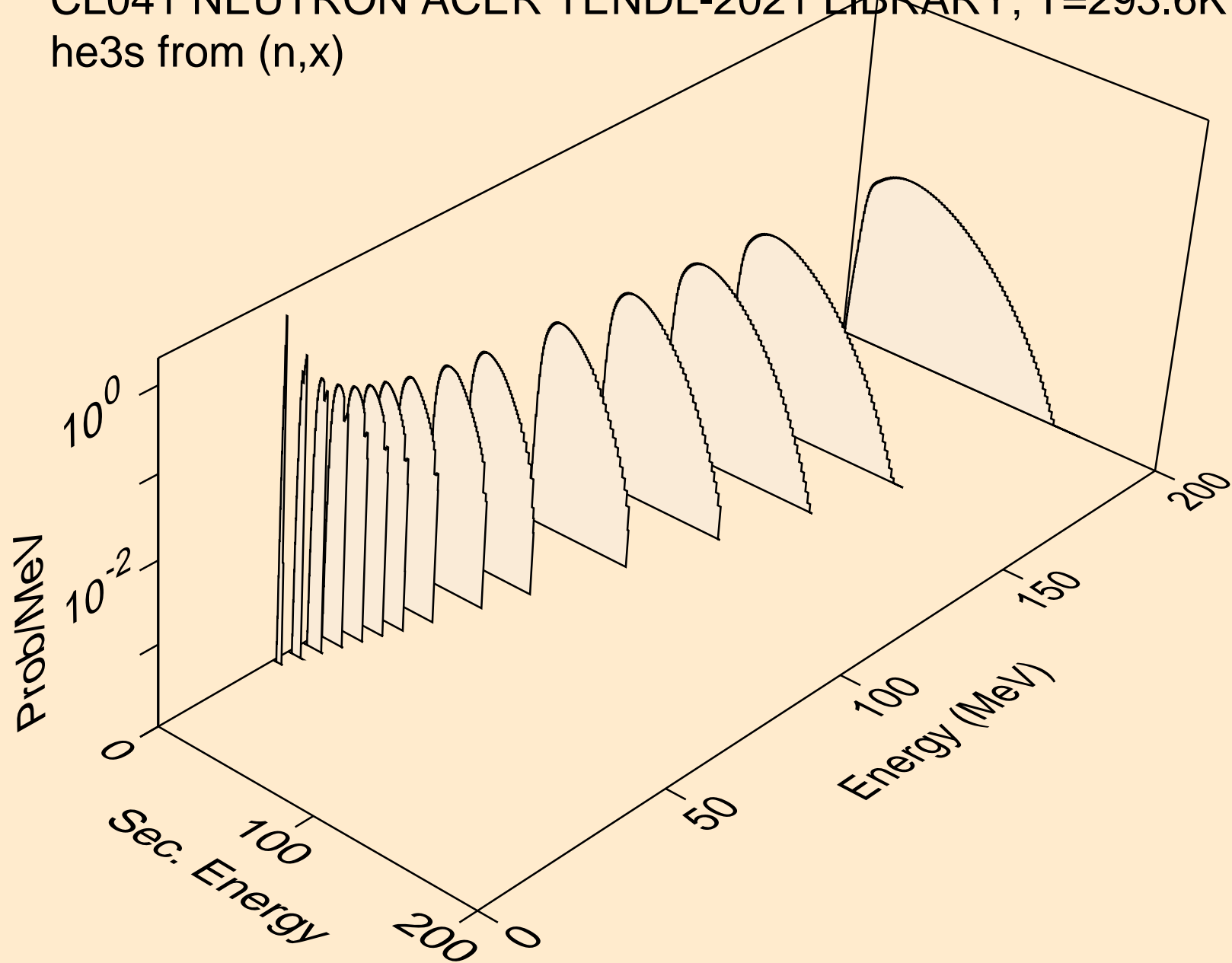
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



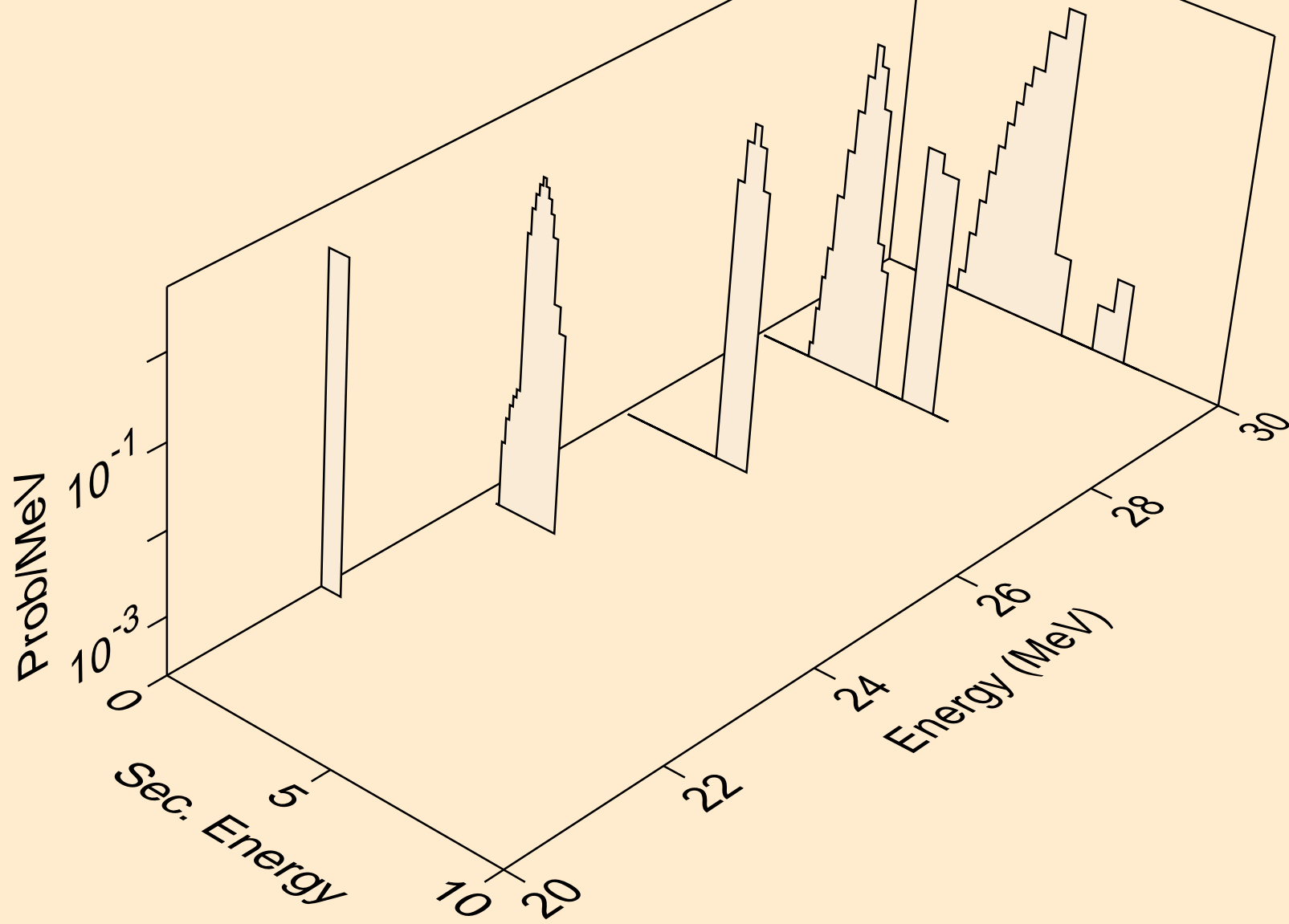
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



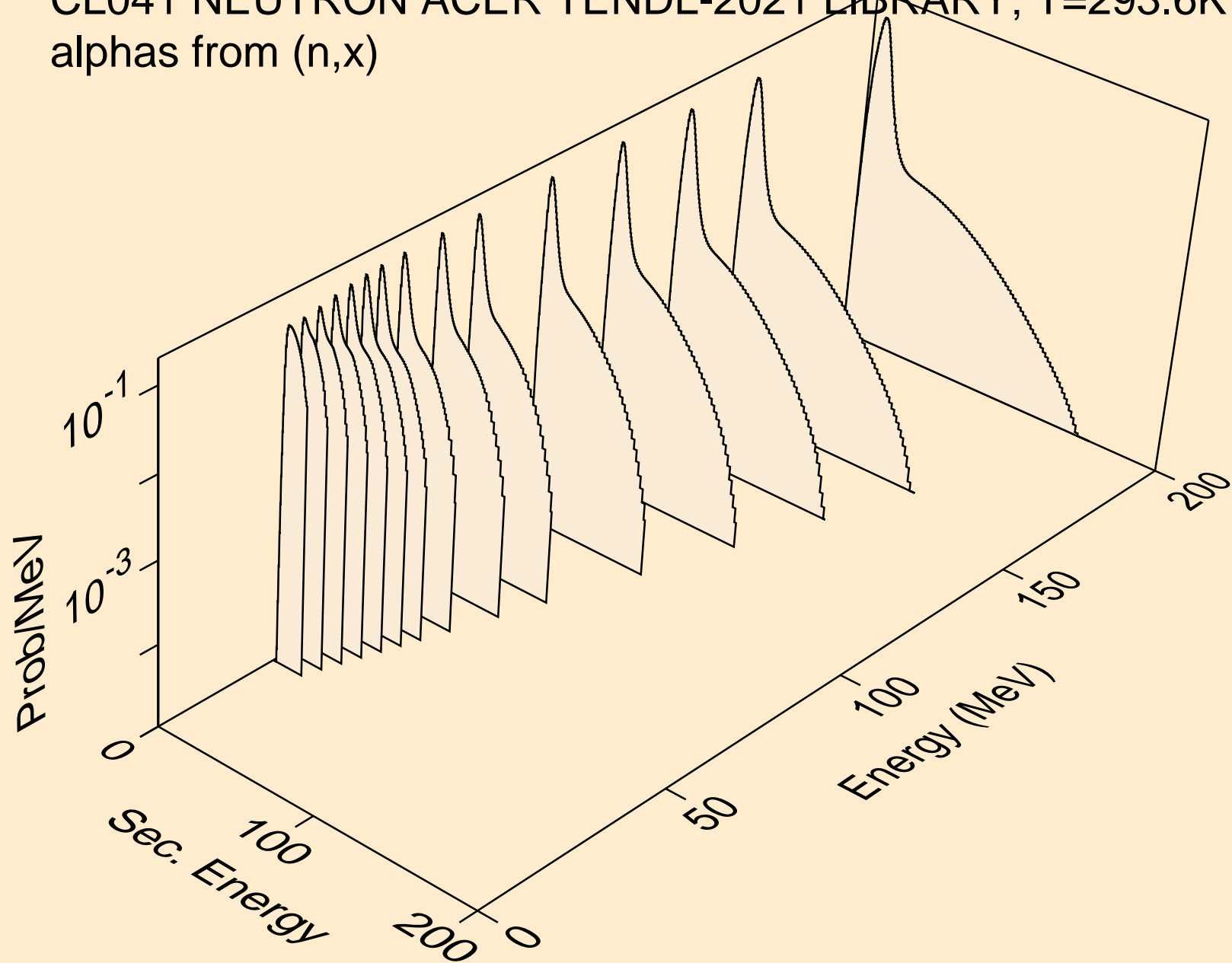
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he3s from (n,x)



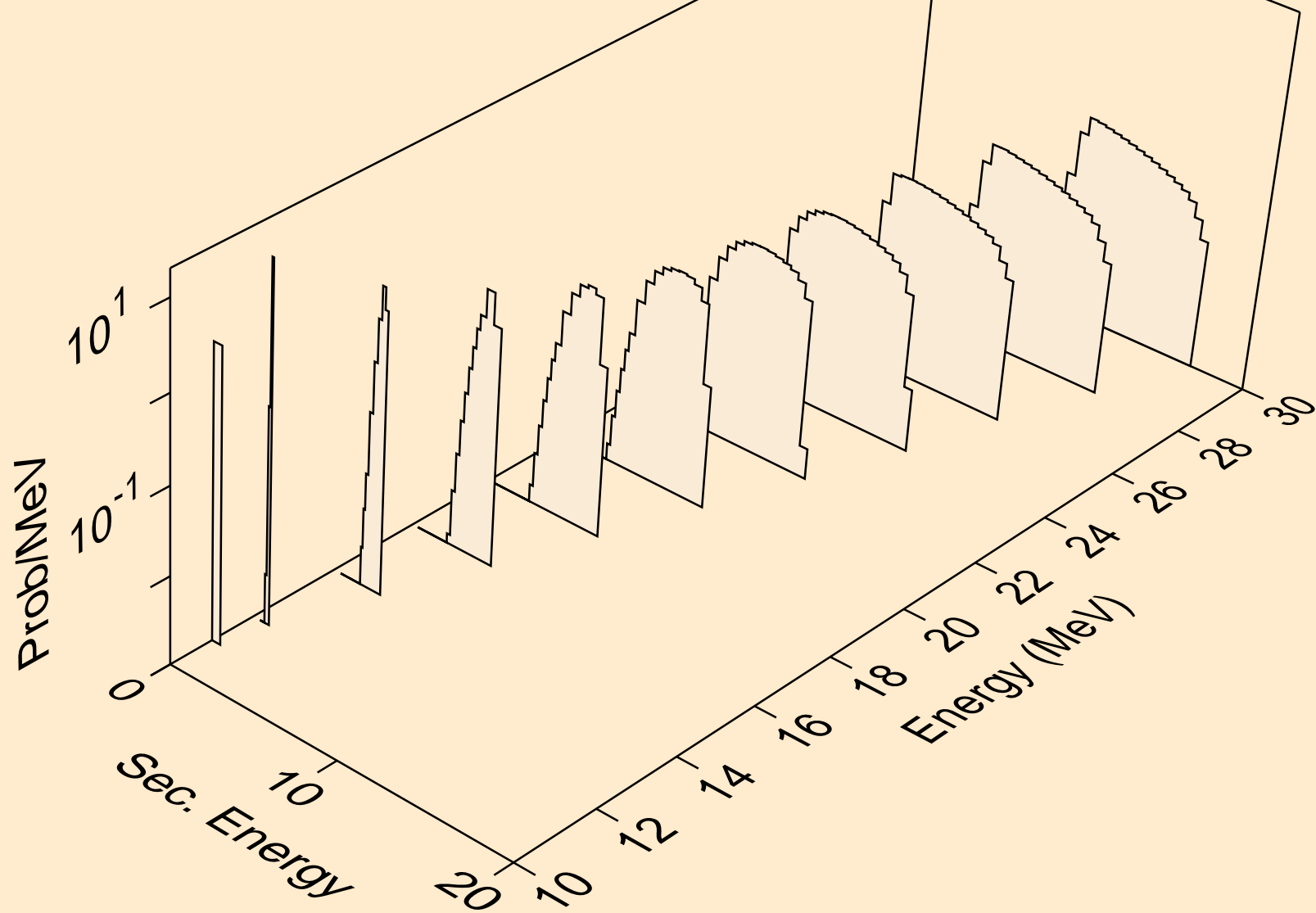
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he3s from (n,he3)



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

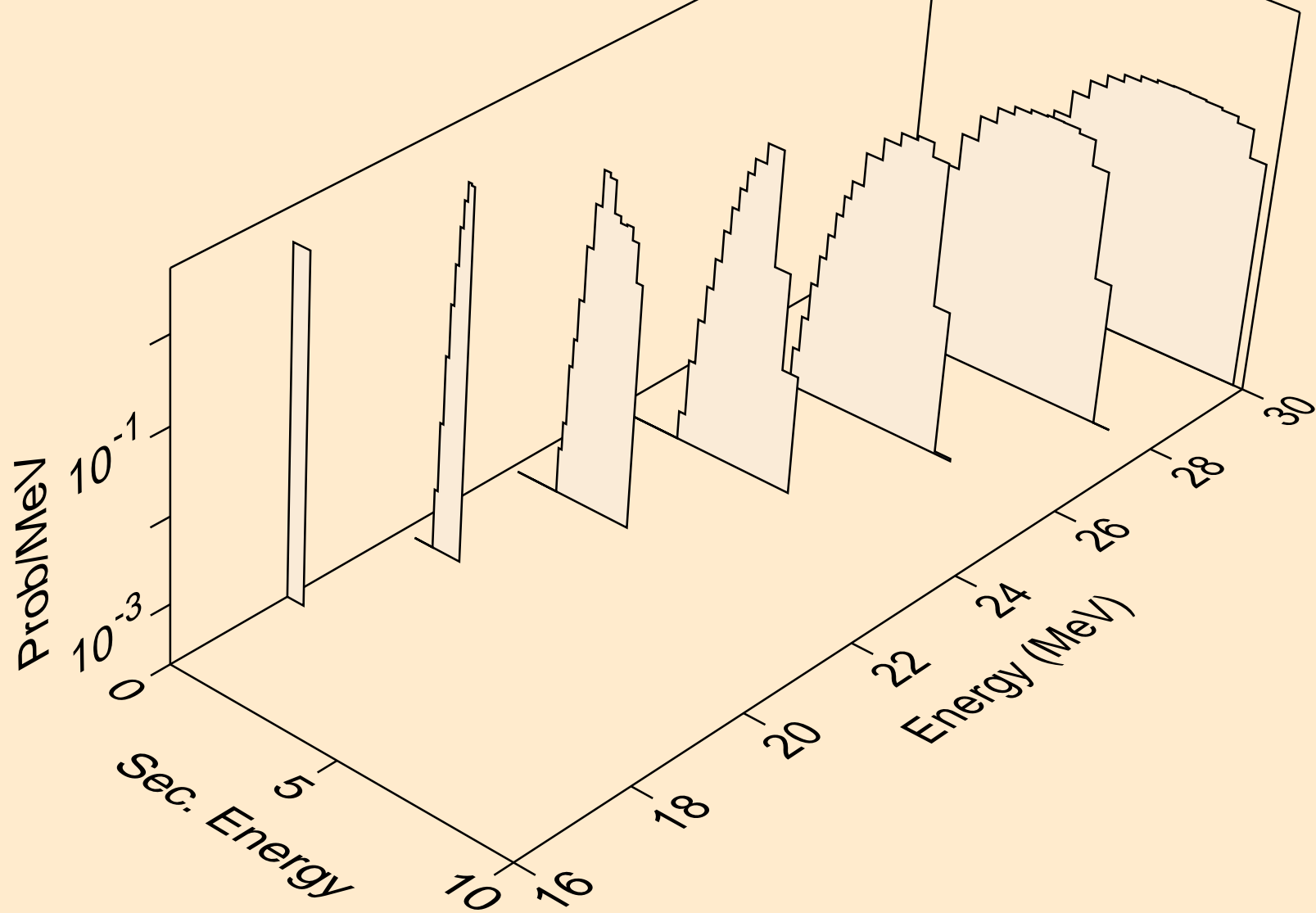


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alphas from (n,n\*)a

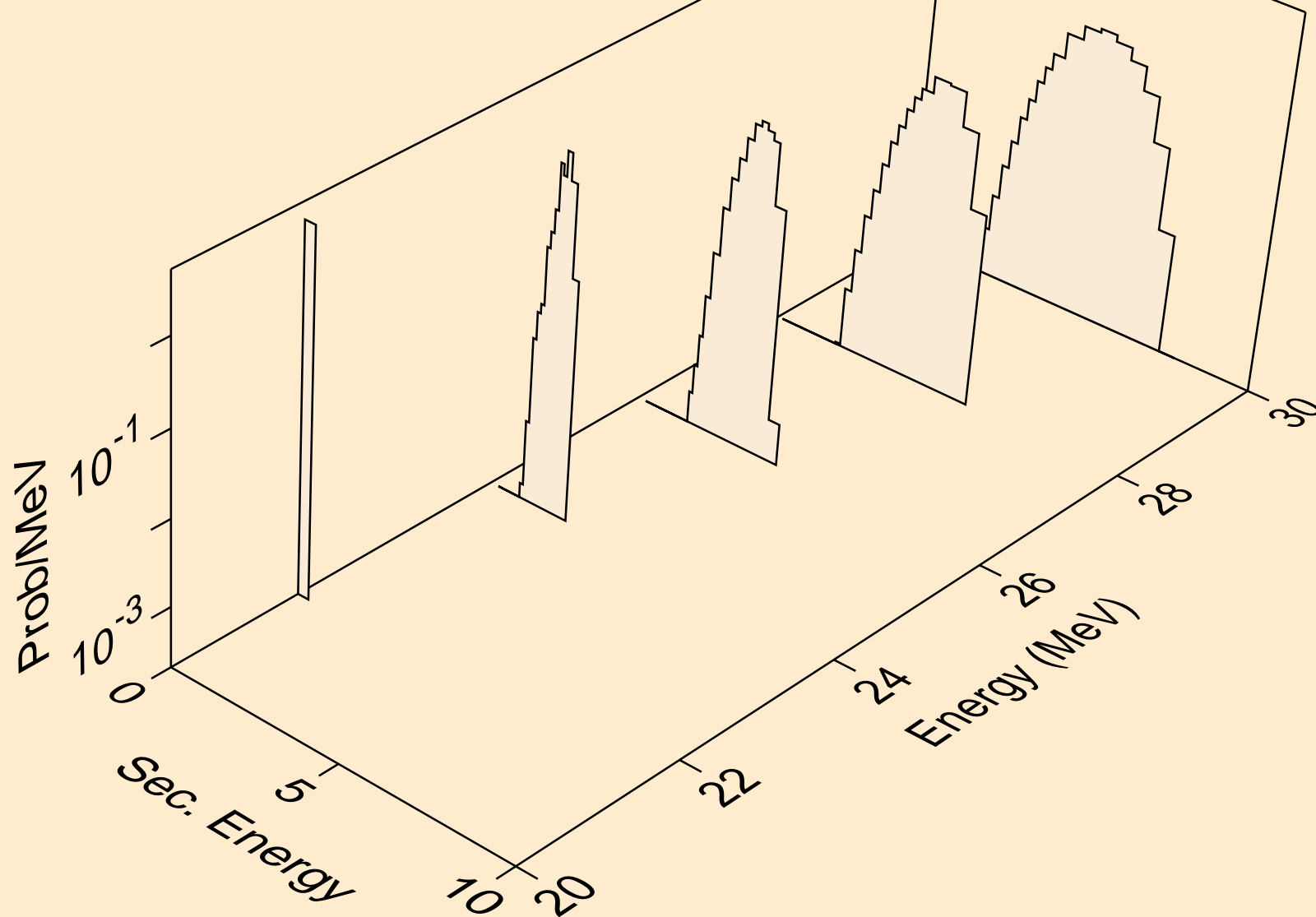




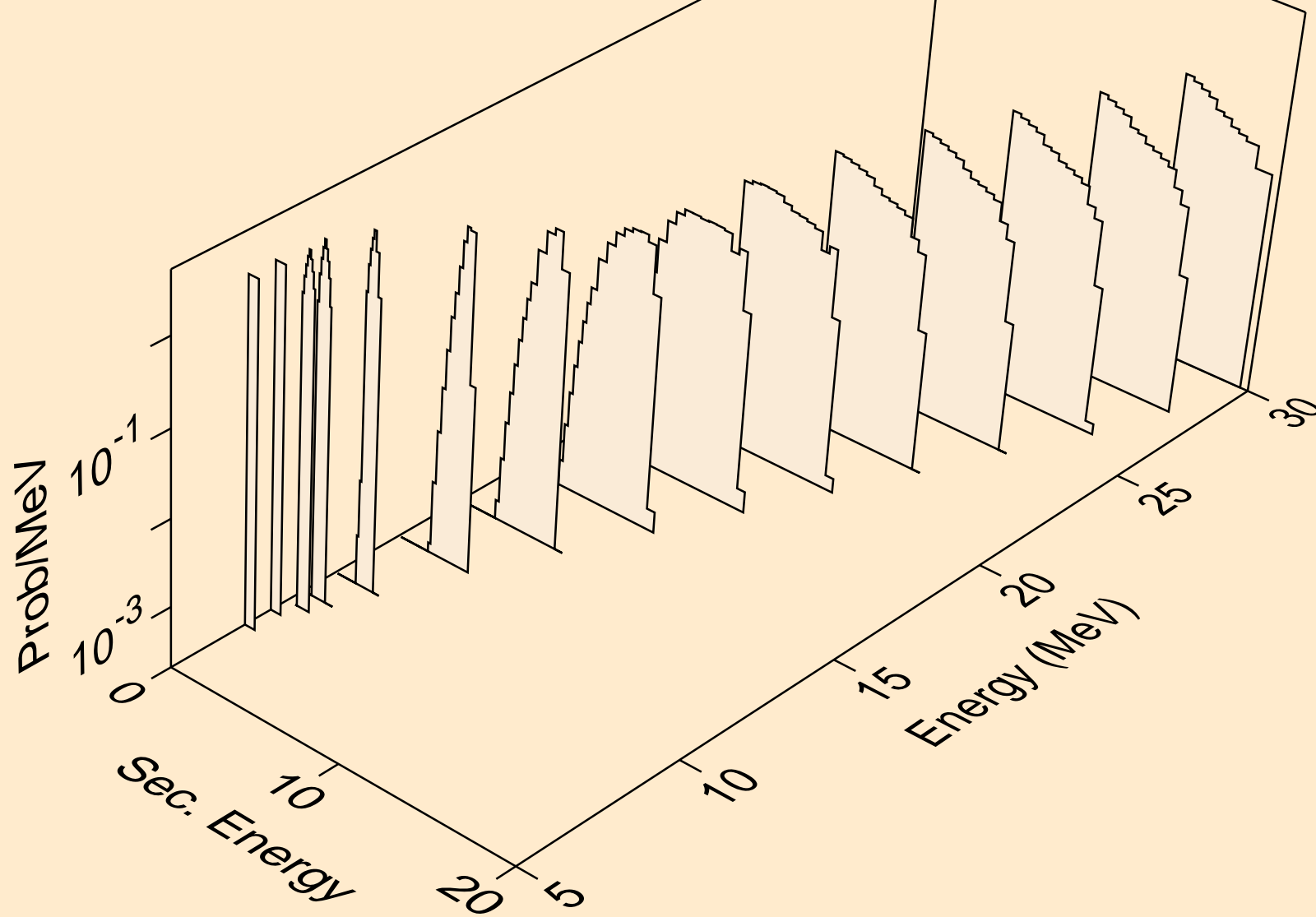
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alphas from (n,2n)a



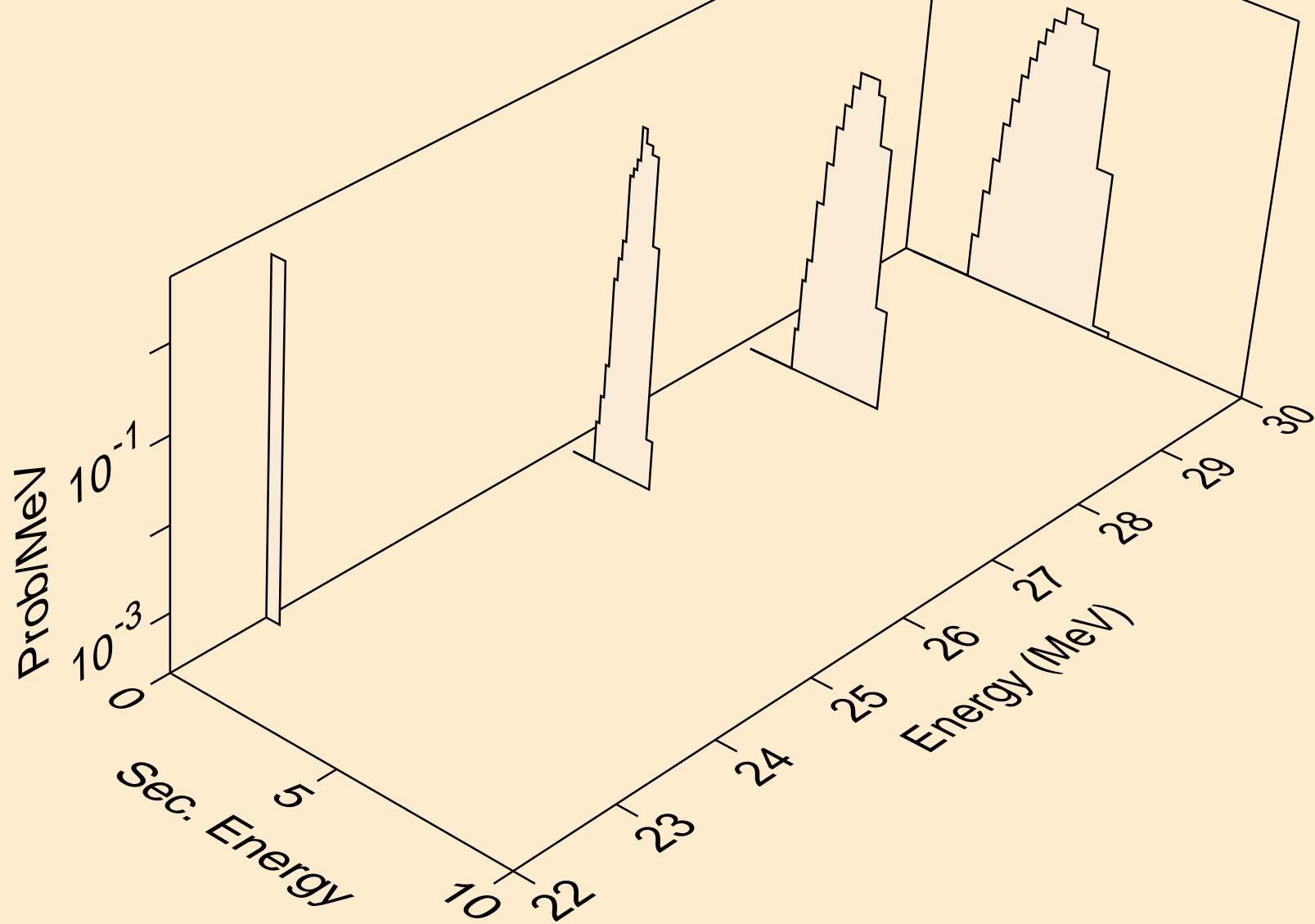
CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



CL041 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

