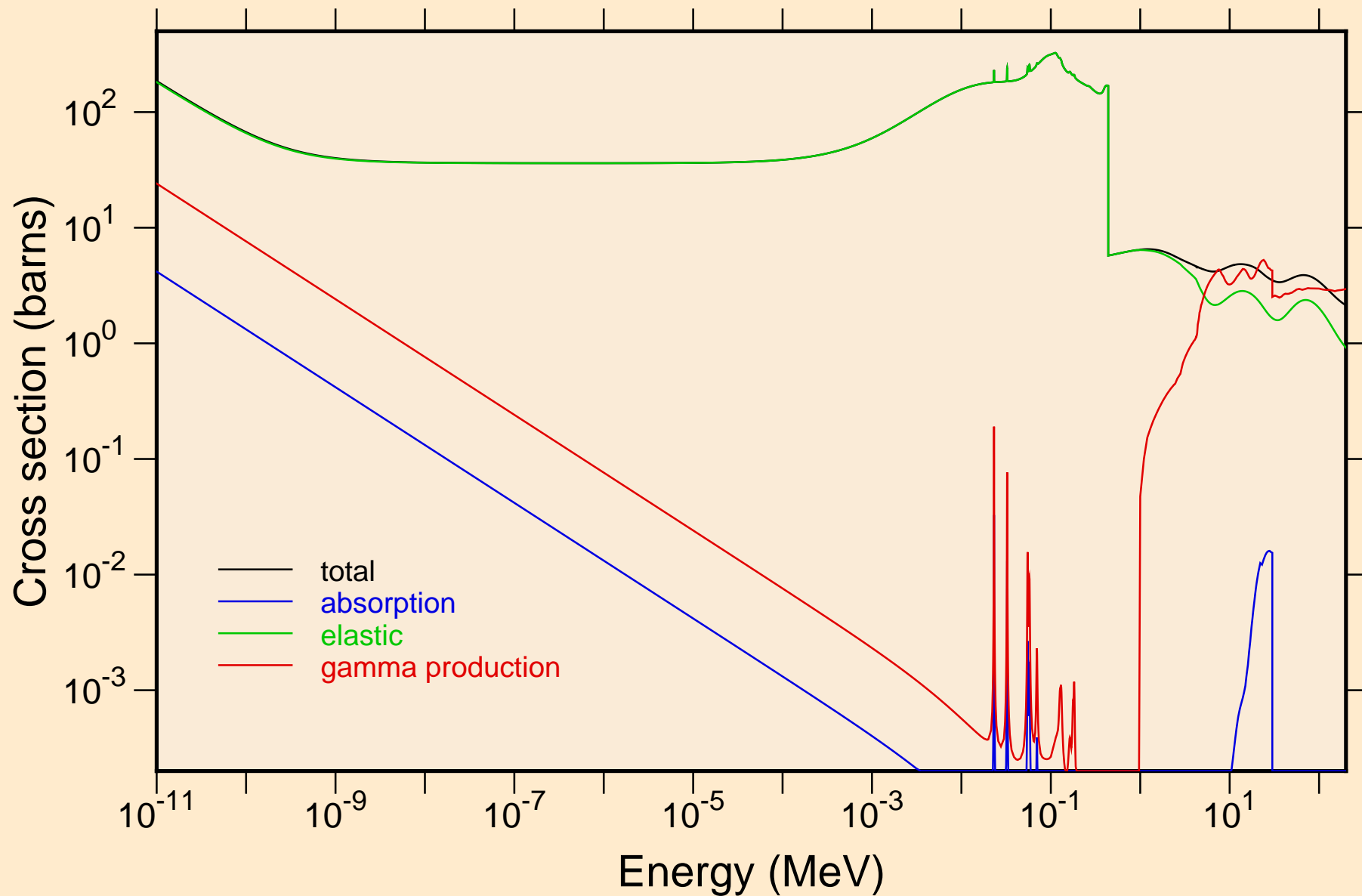
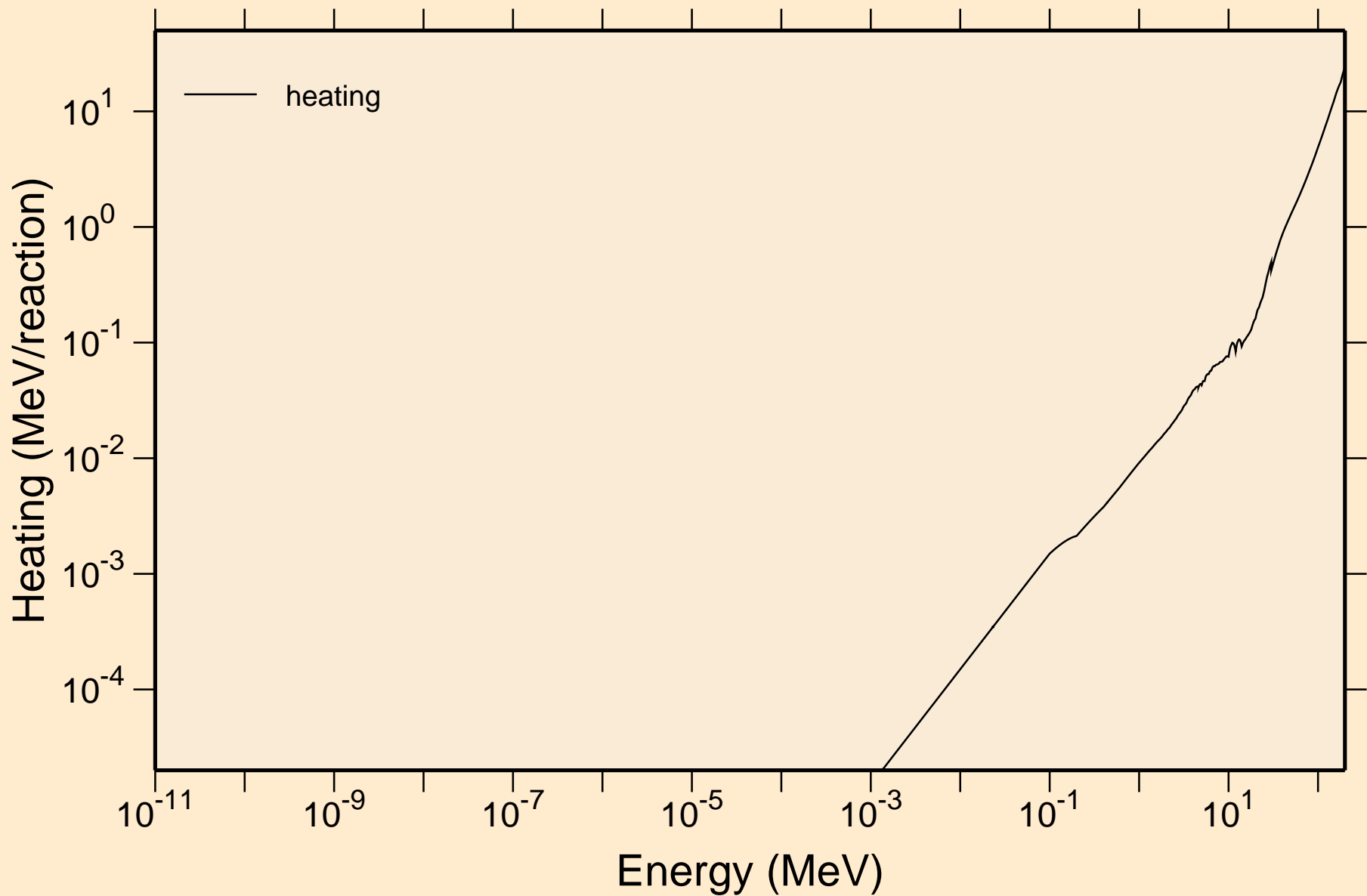


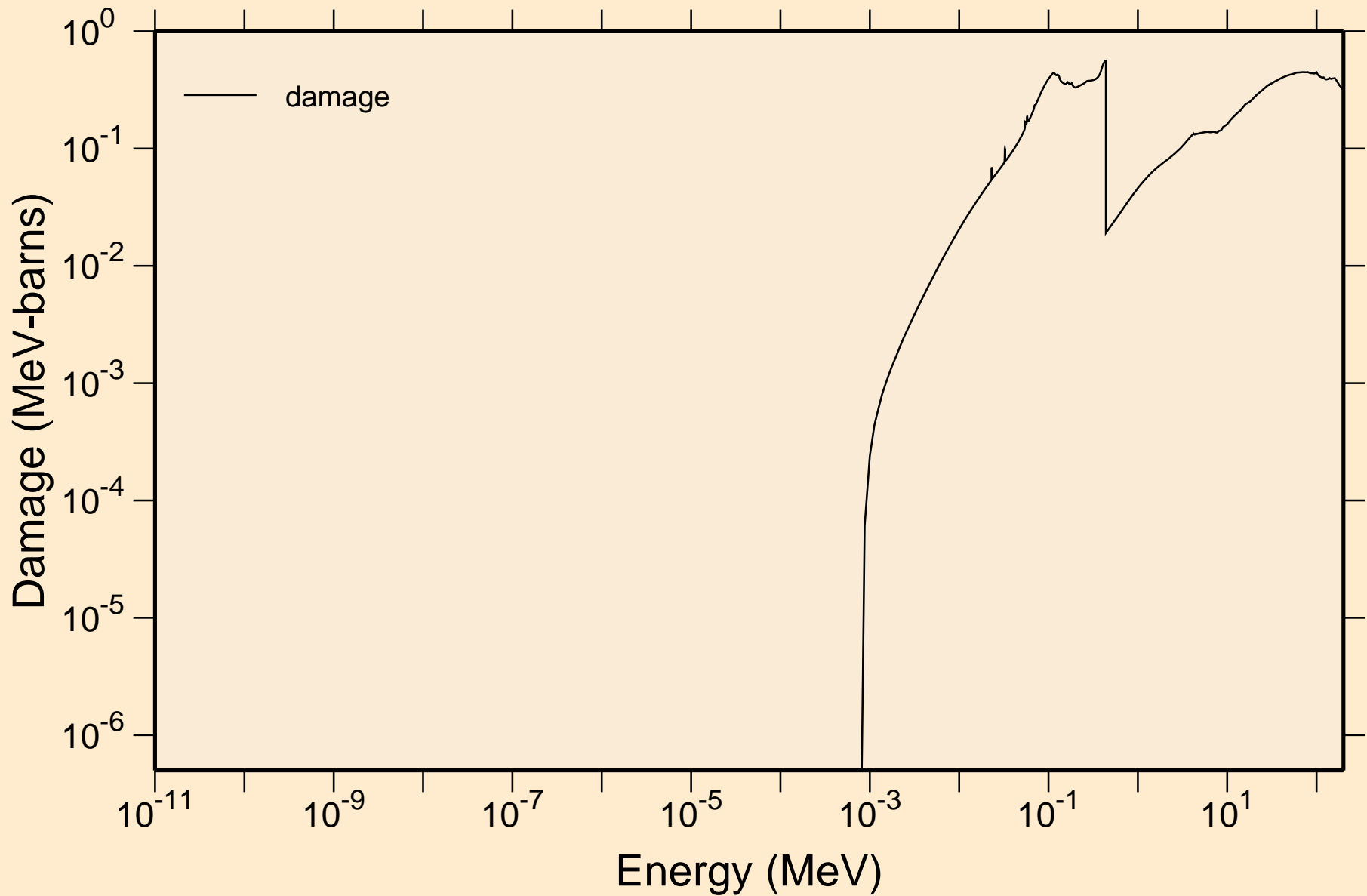
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



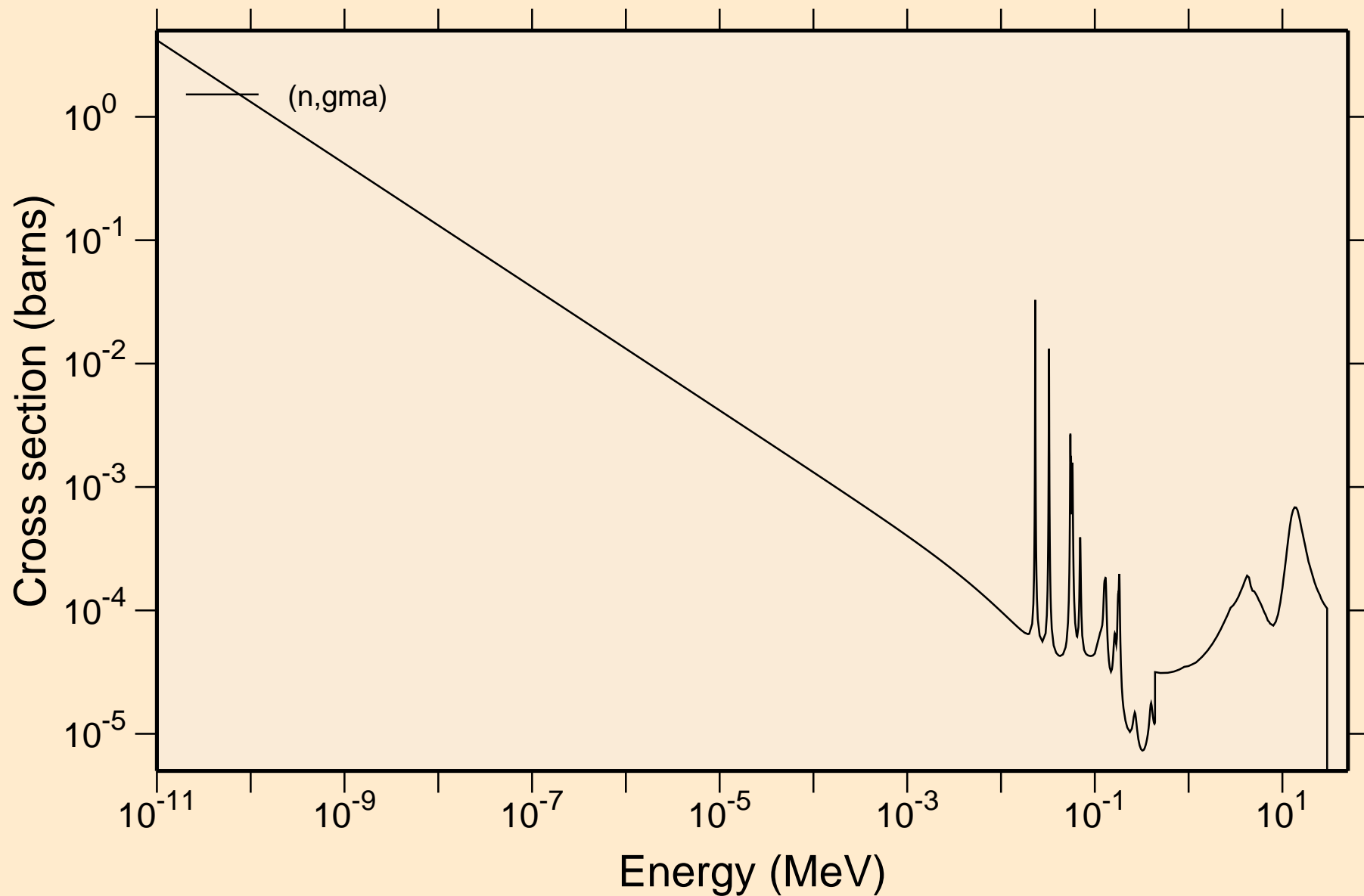
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

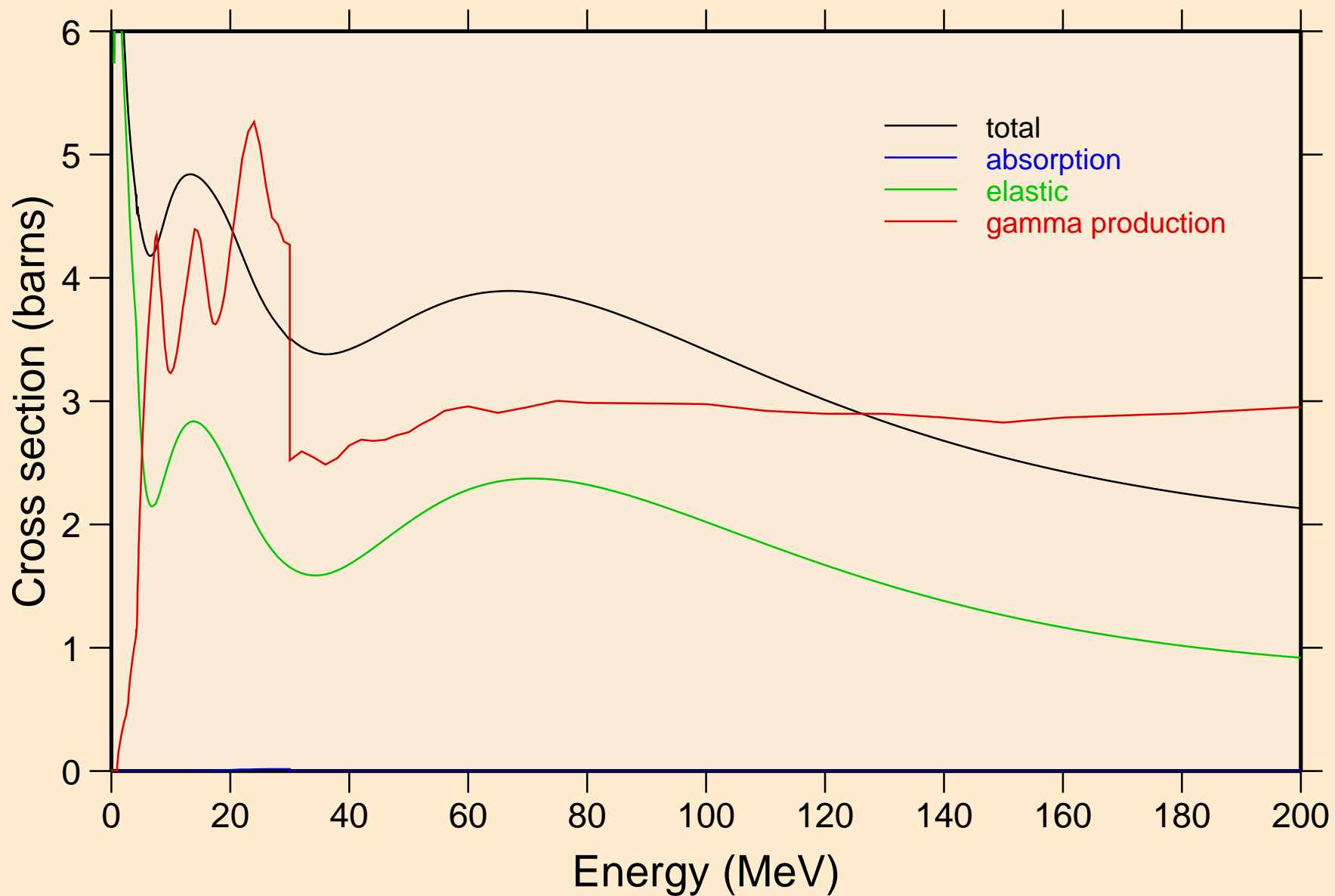


SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

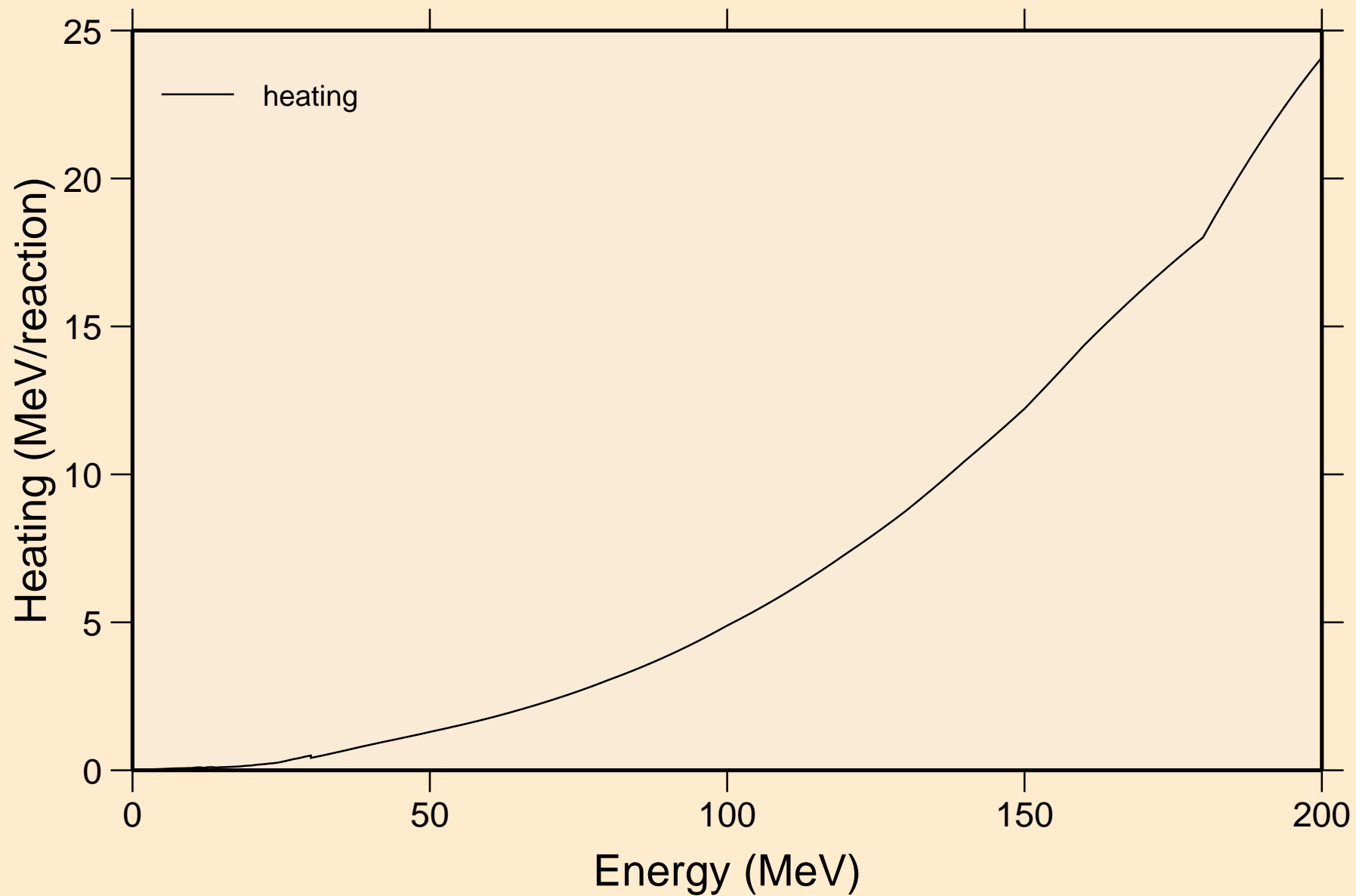


# SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

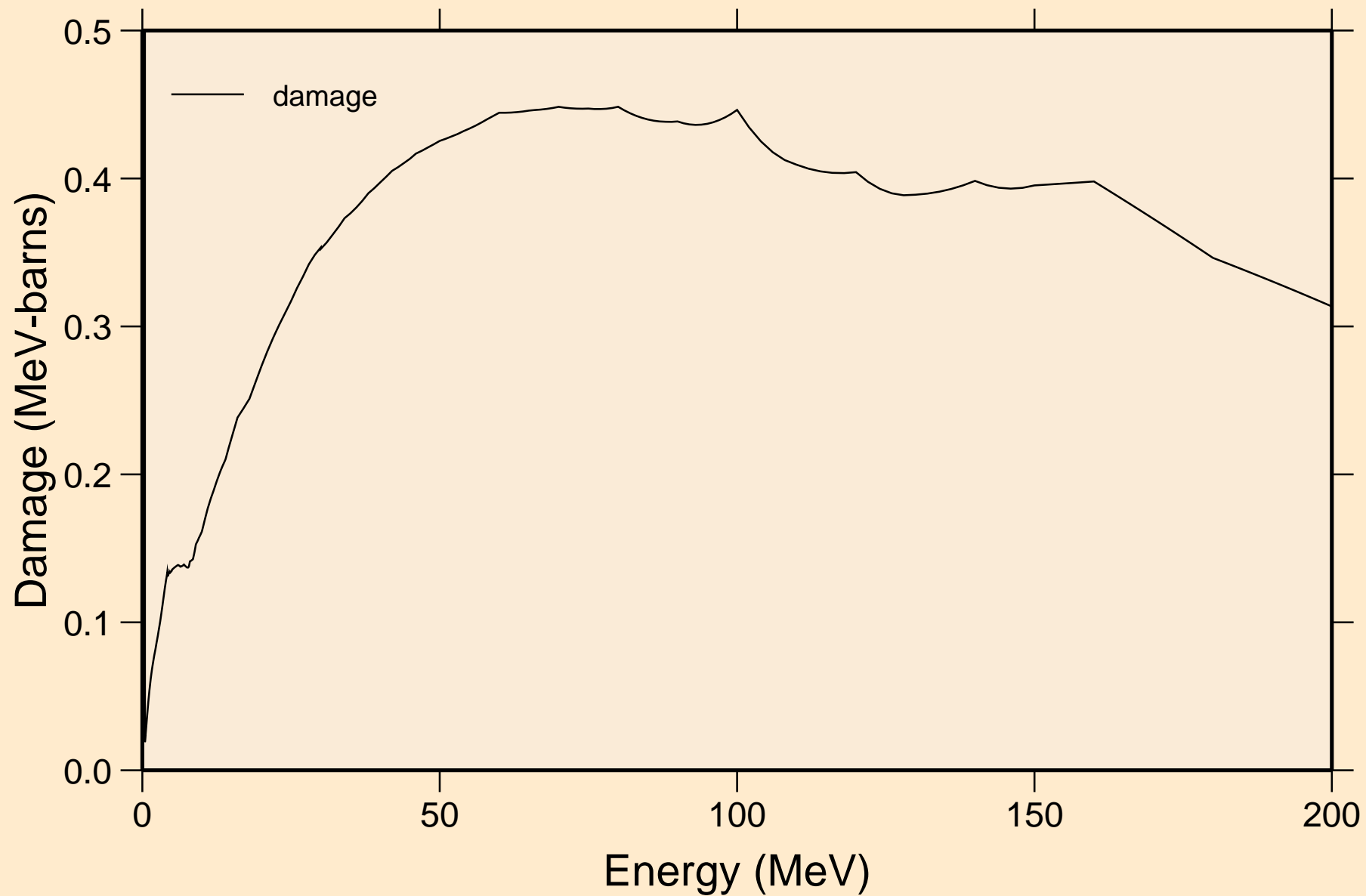
## Principal cross sections



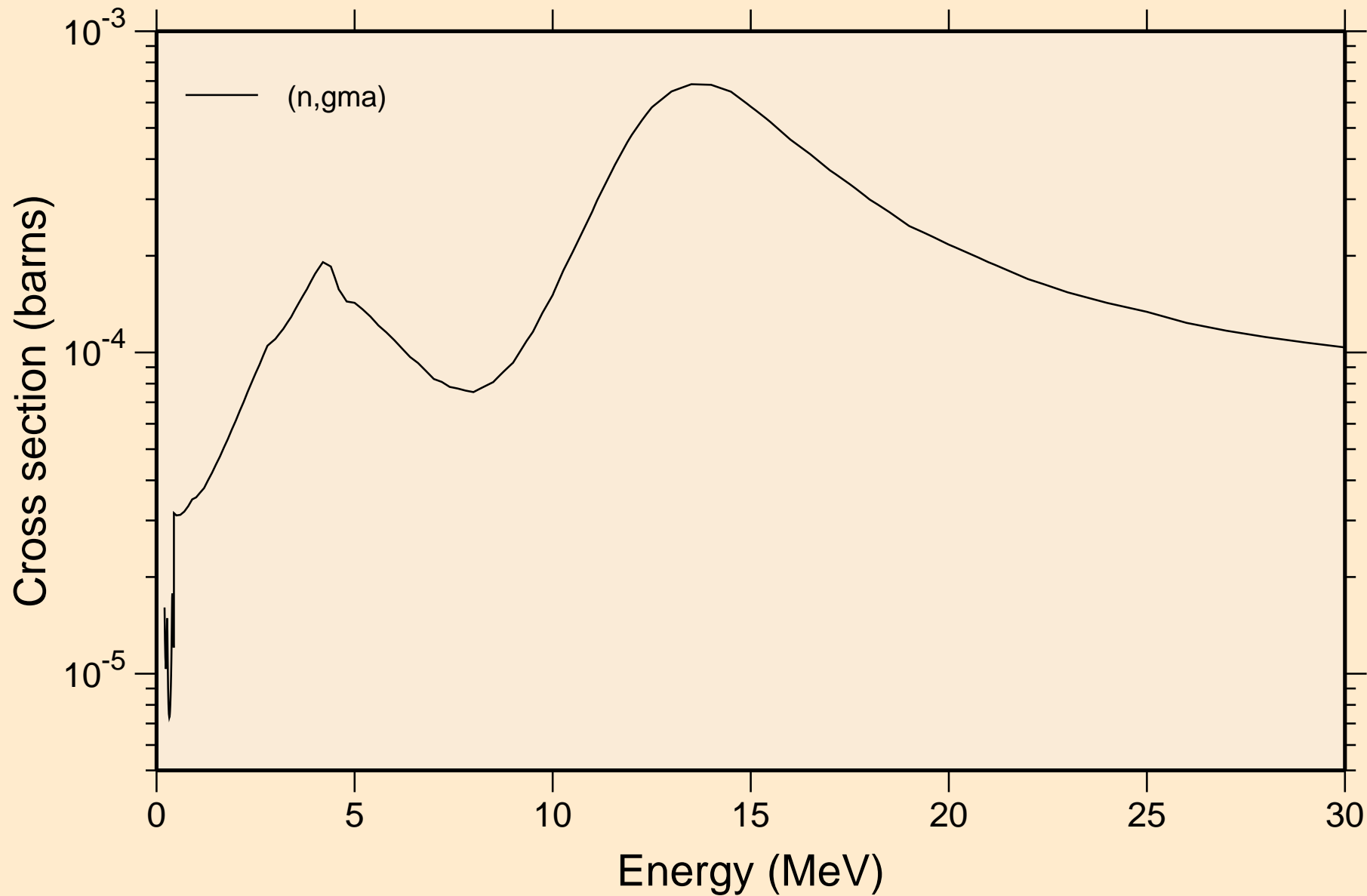
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

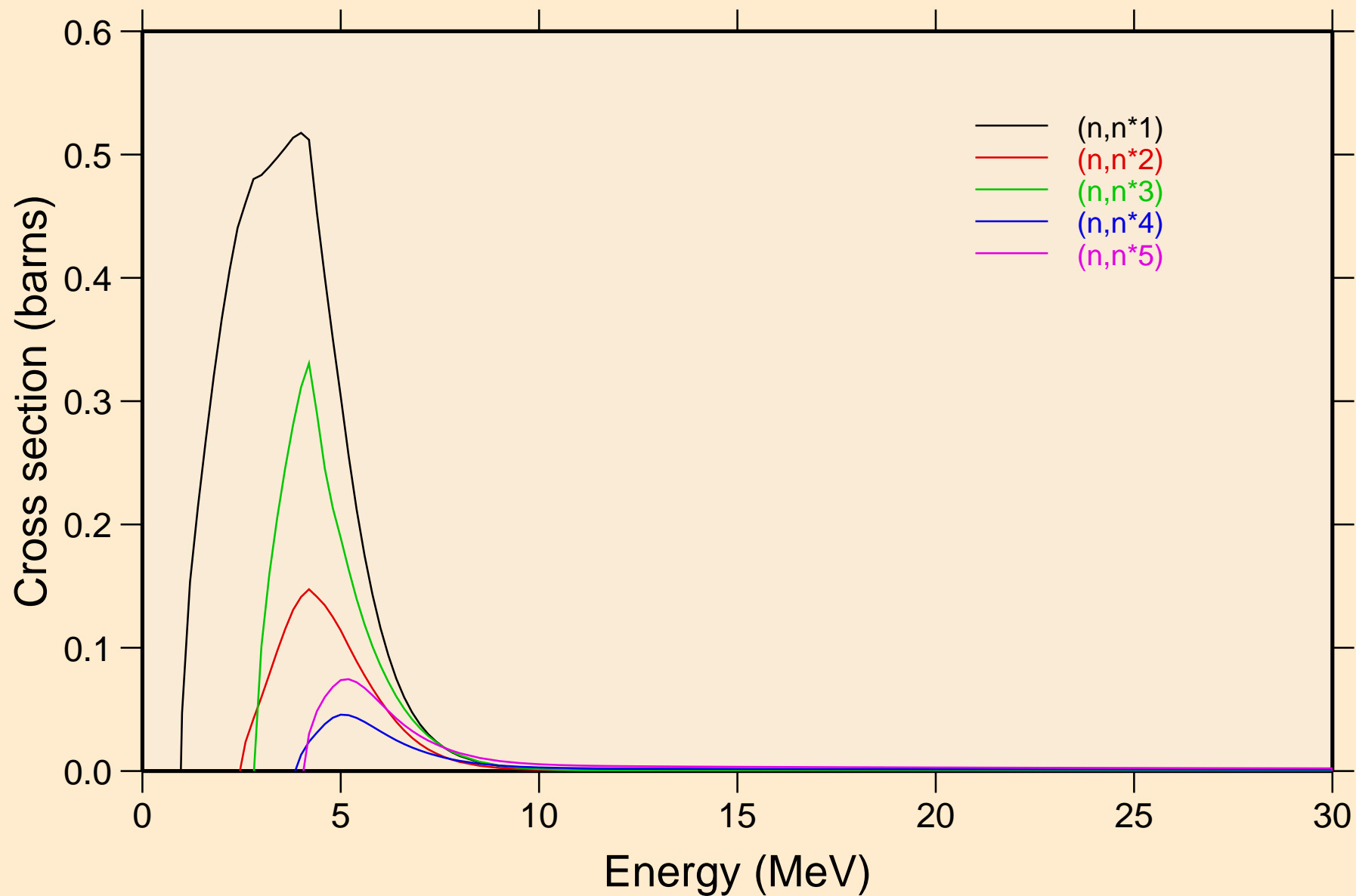


SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

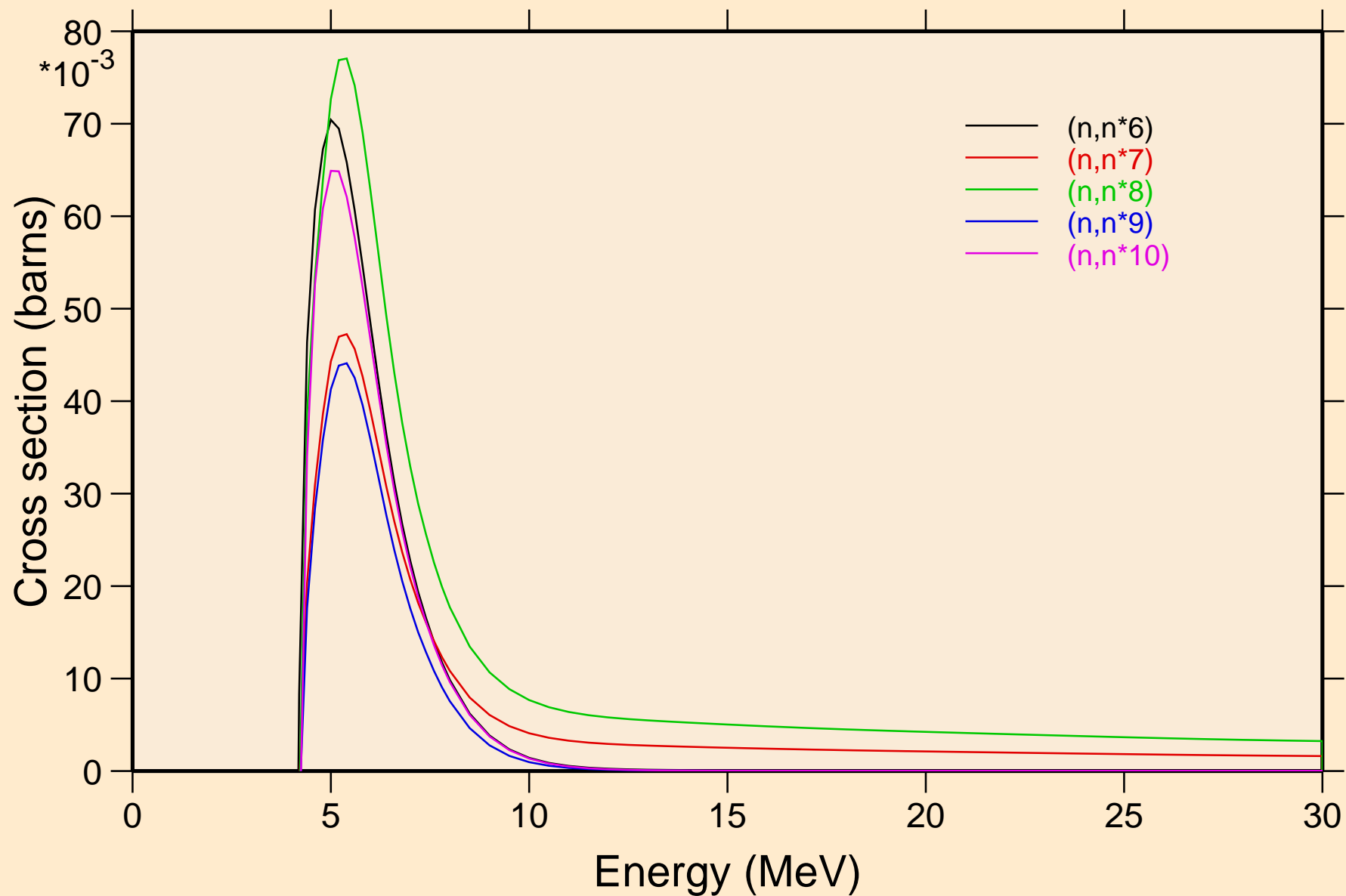




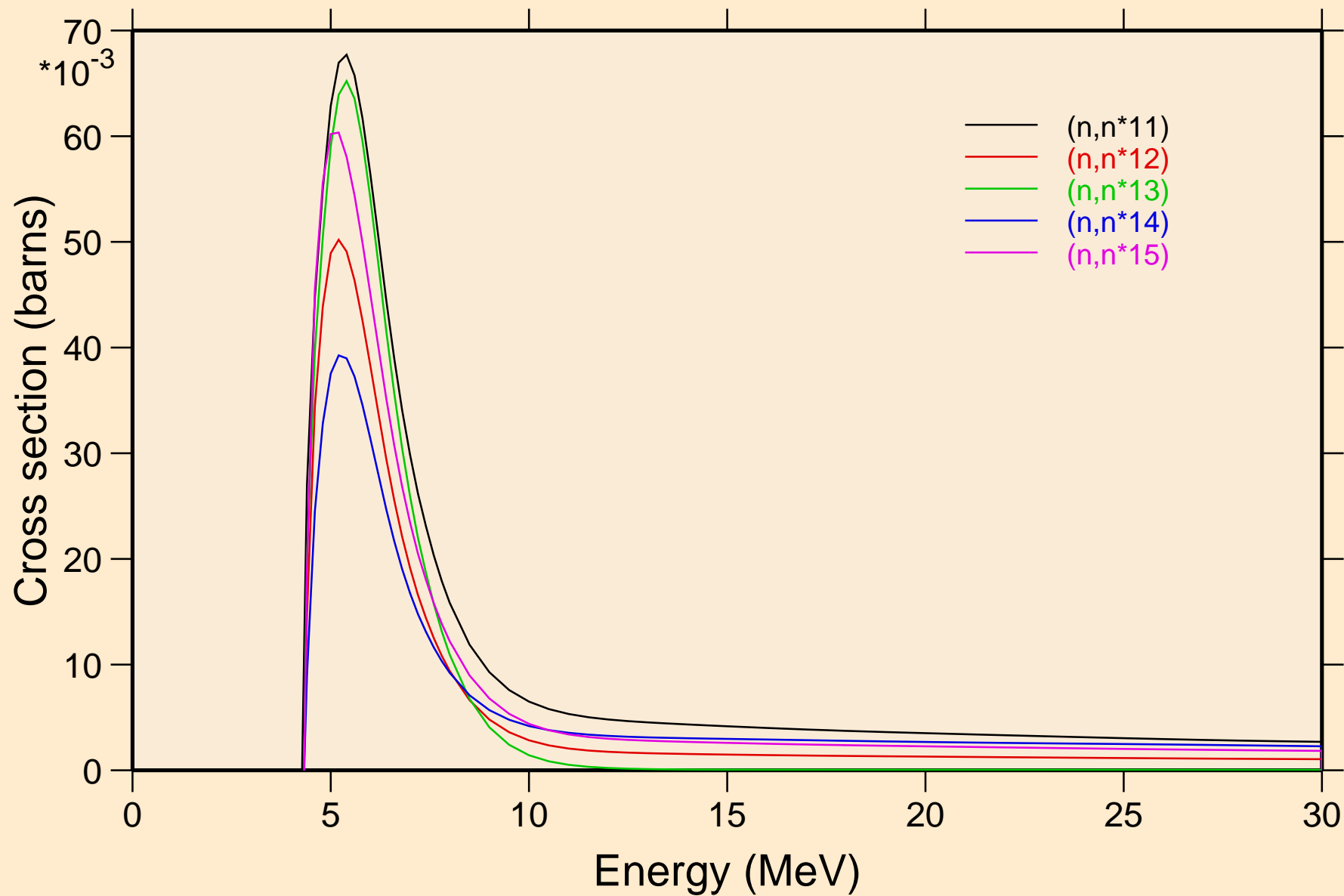
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



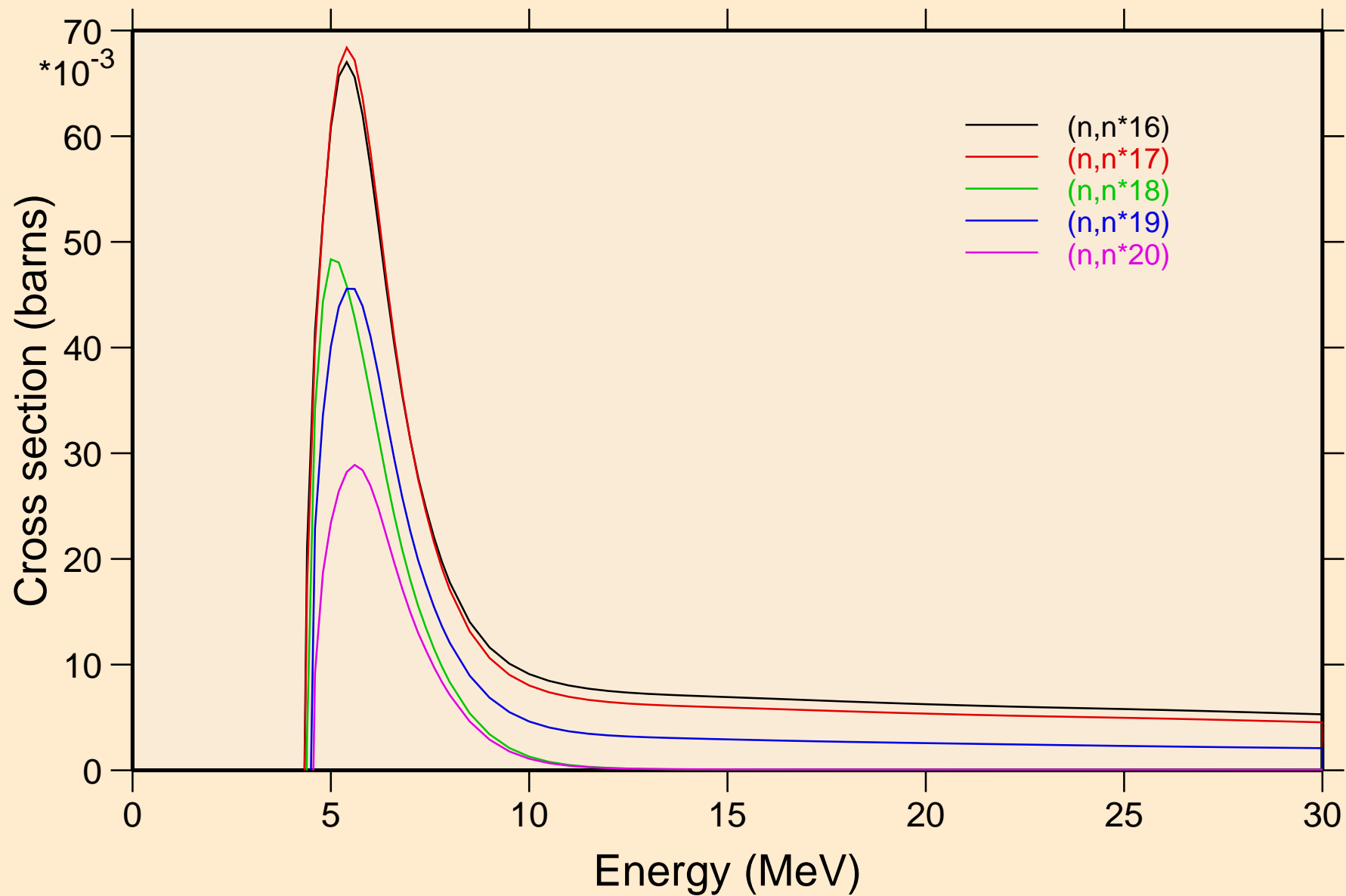
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



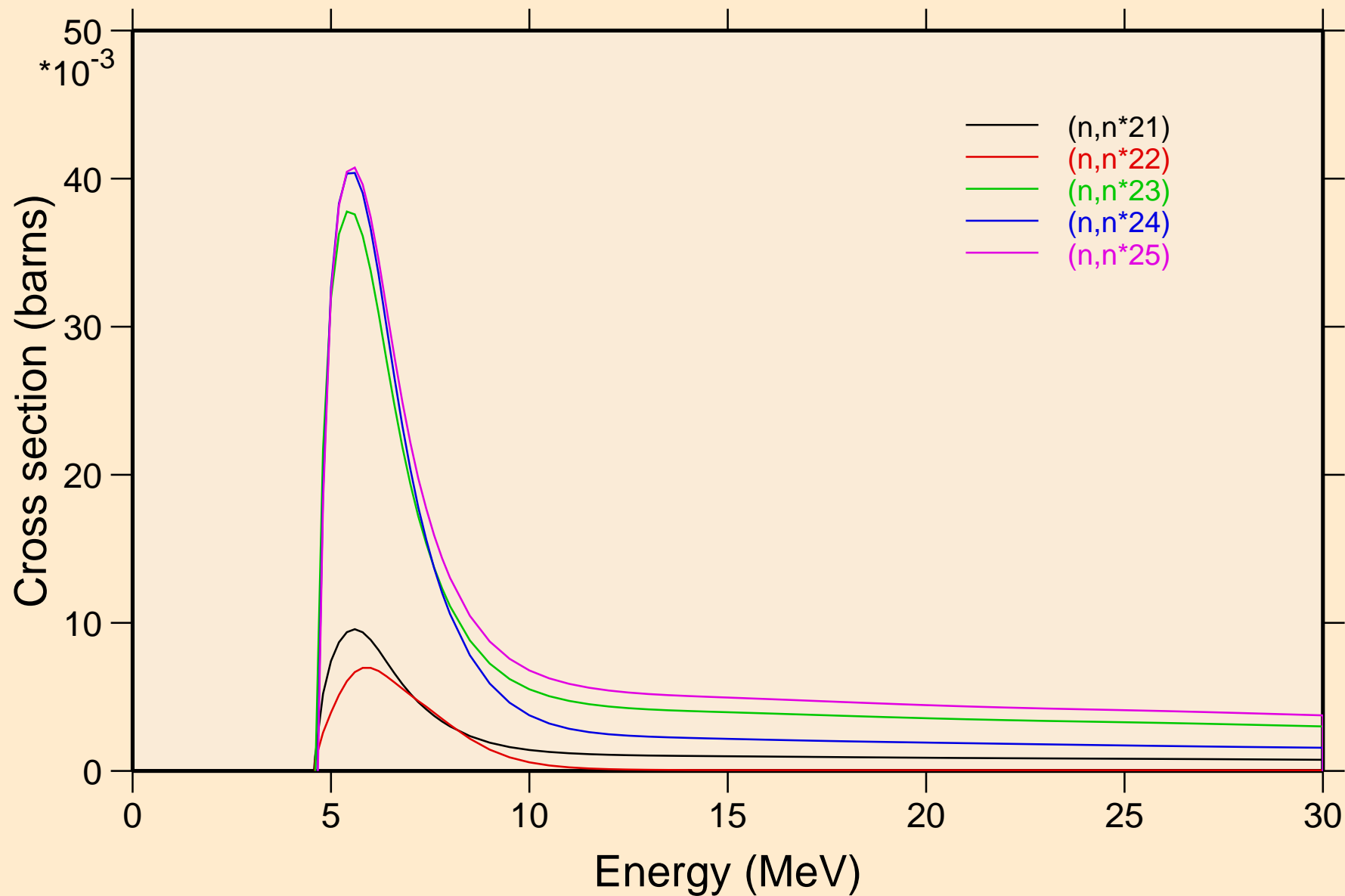
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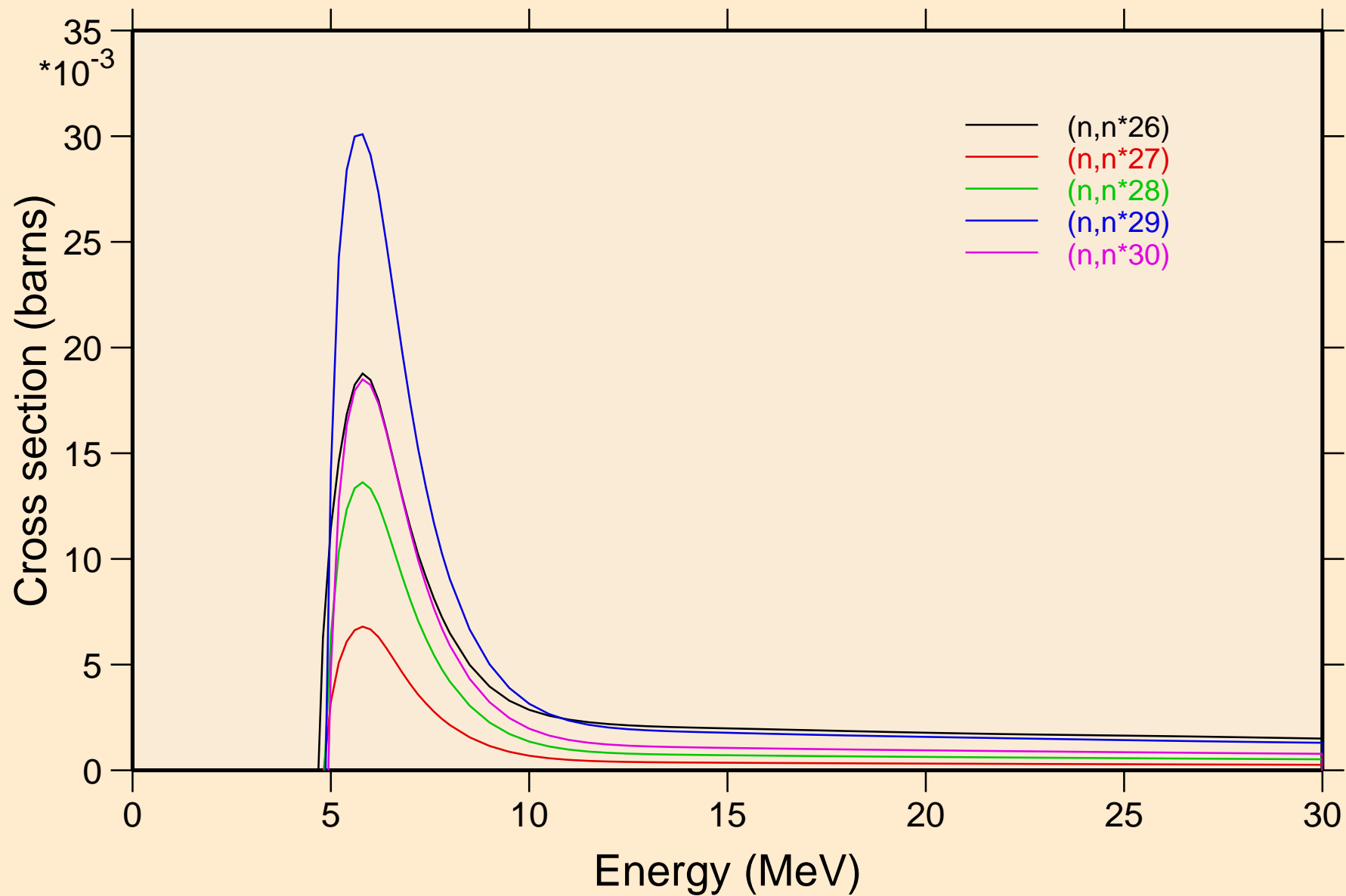
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Inelastic levels



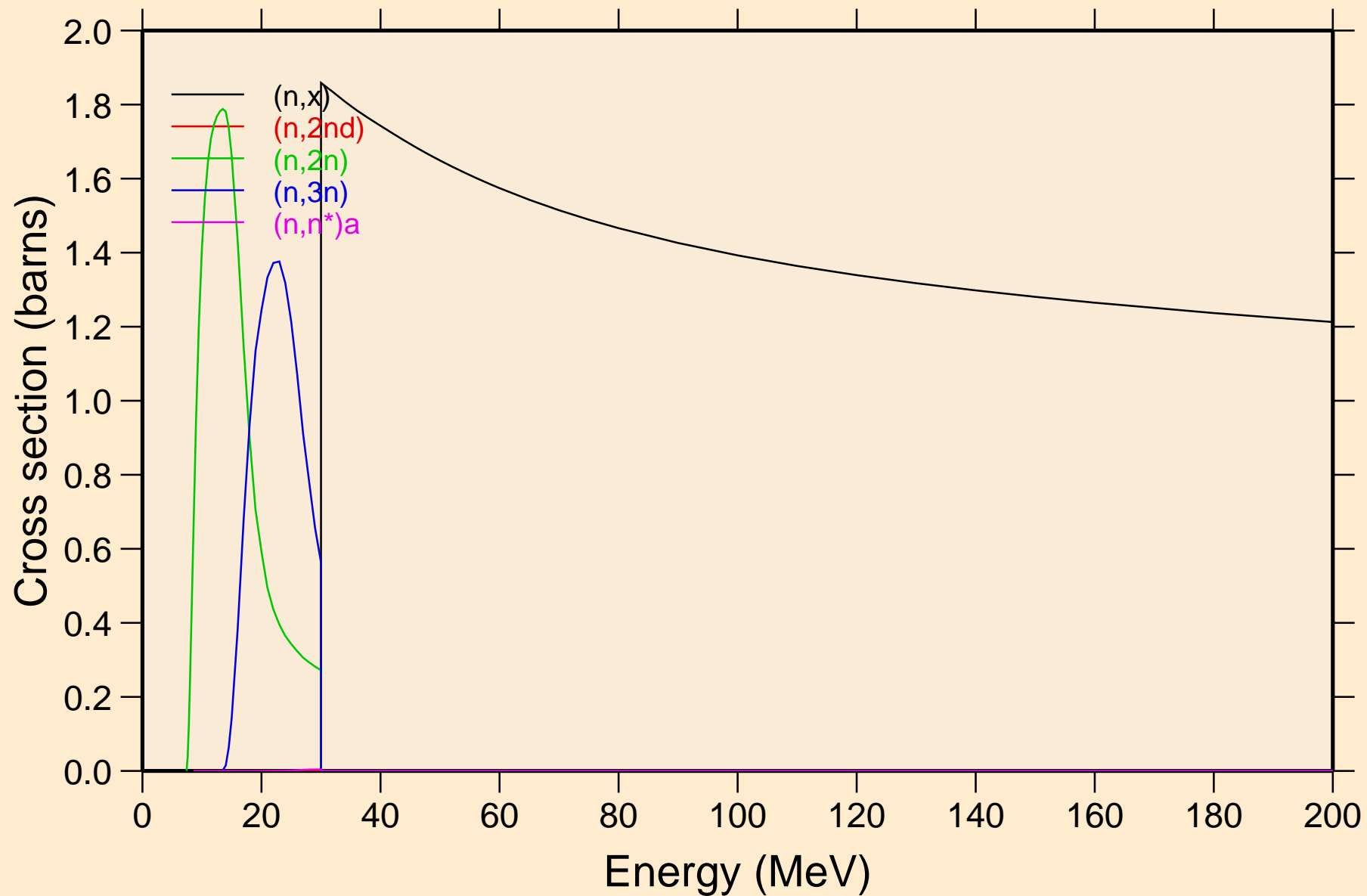
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Inelastic levels



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

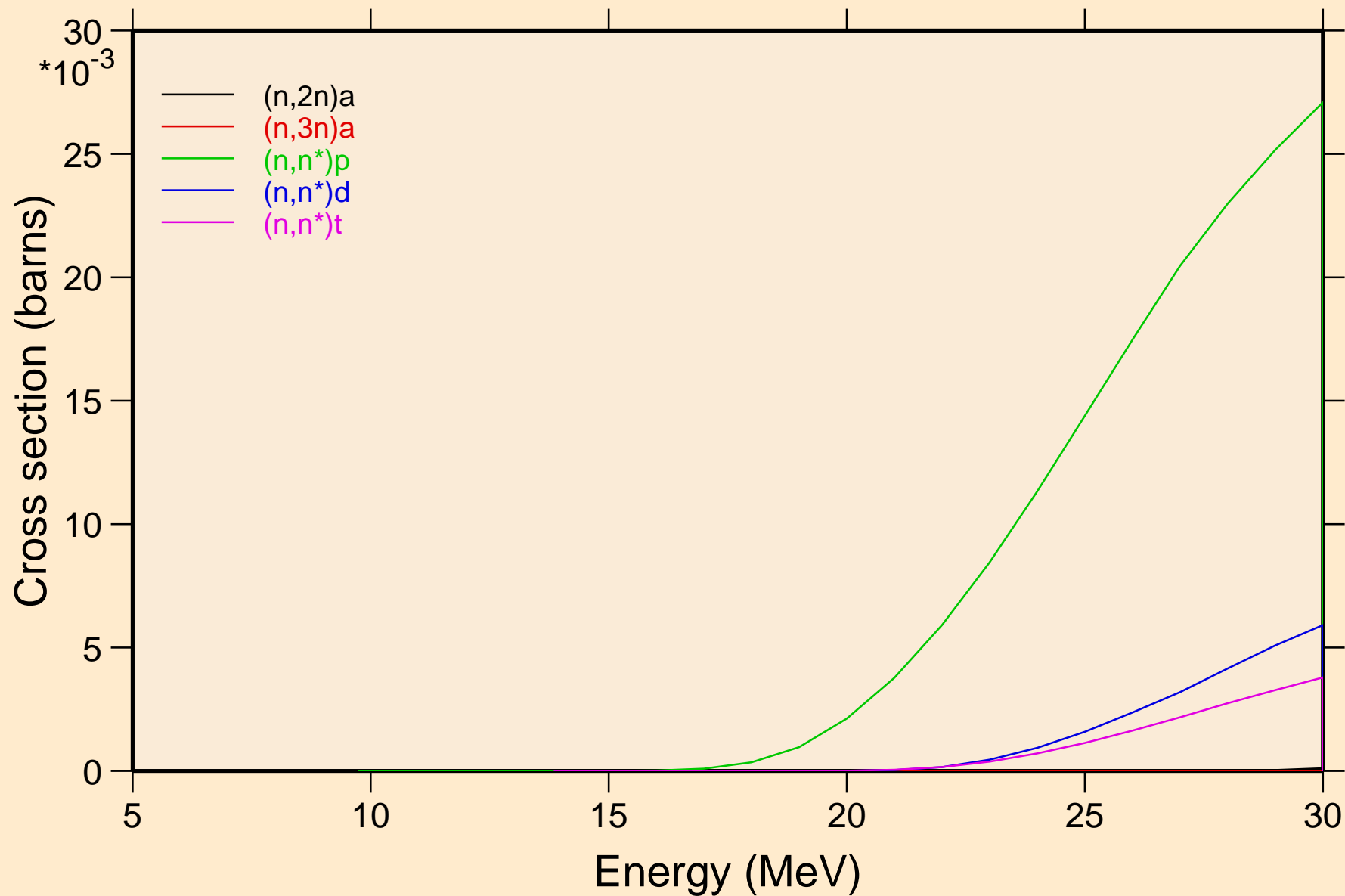


SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



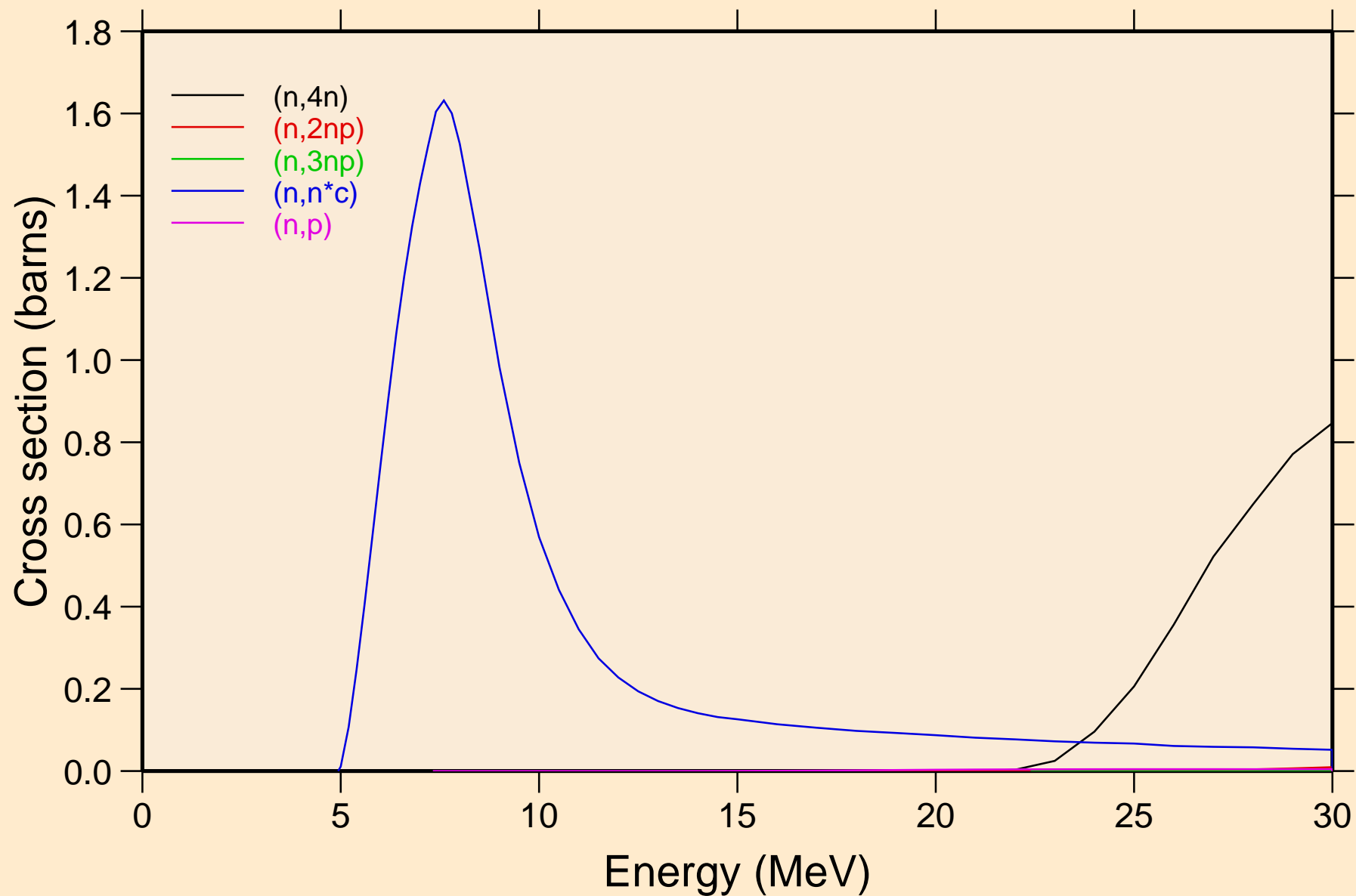
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## Threshold reactions

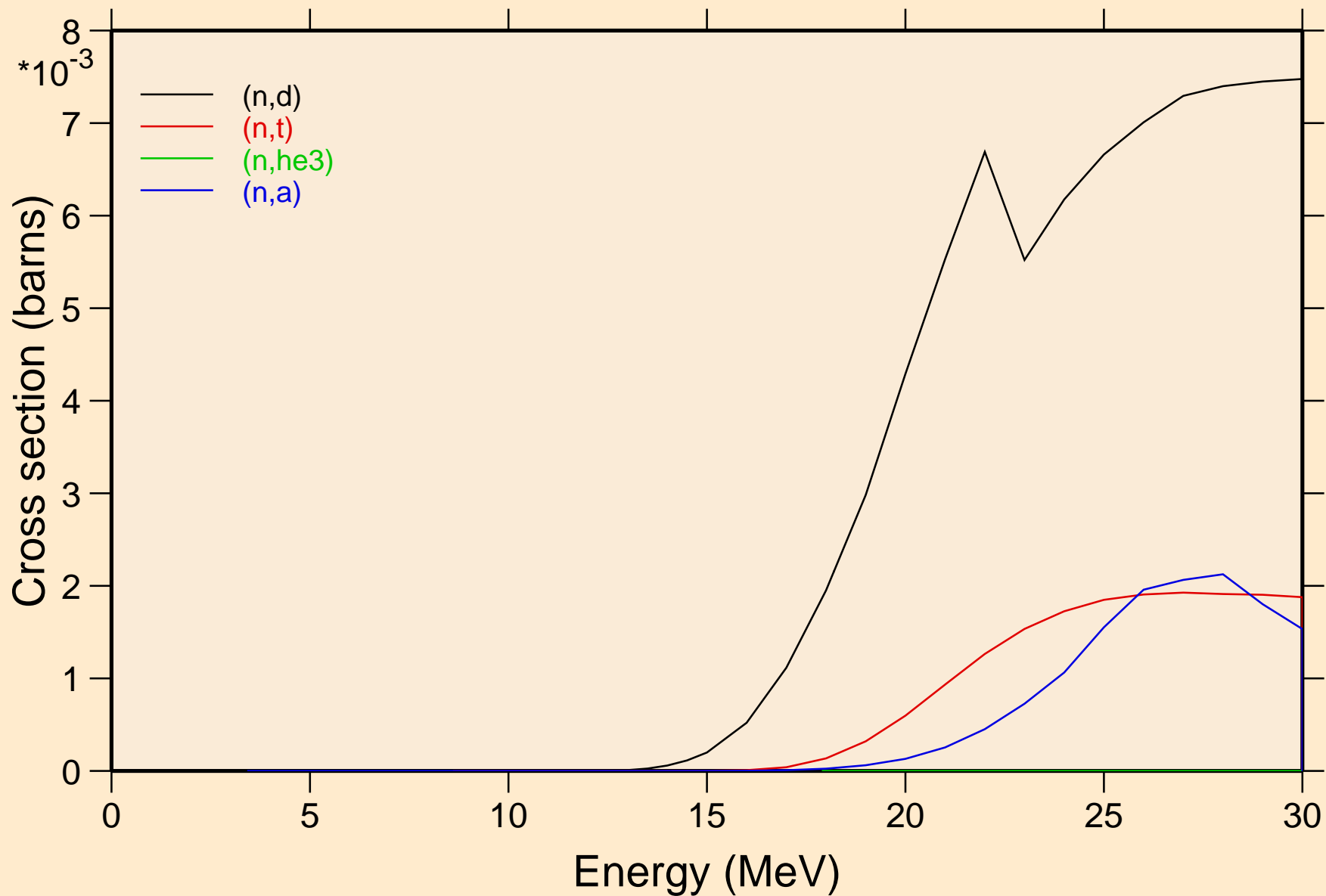




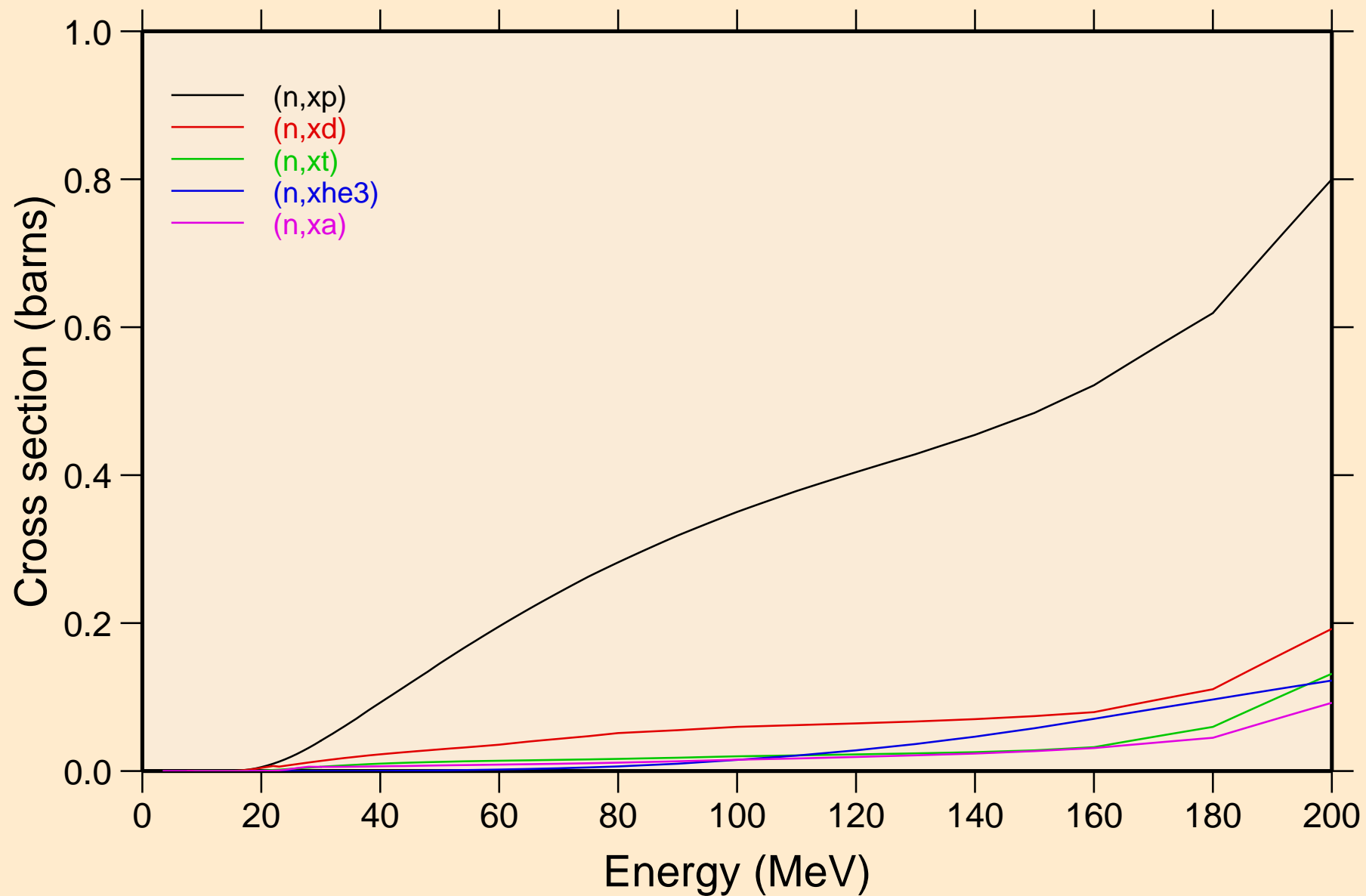
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



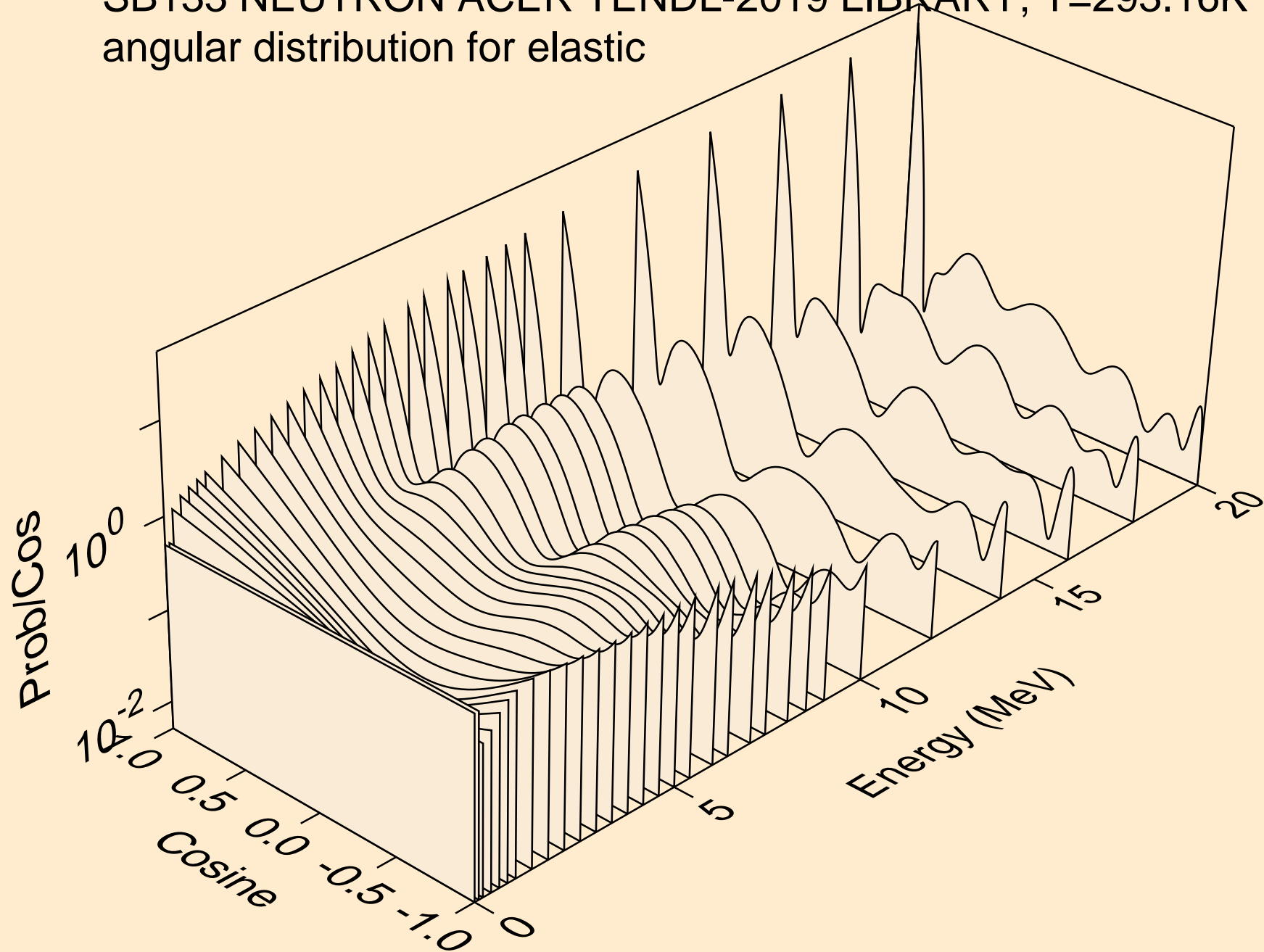
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



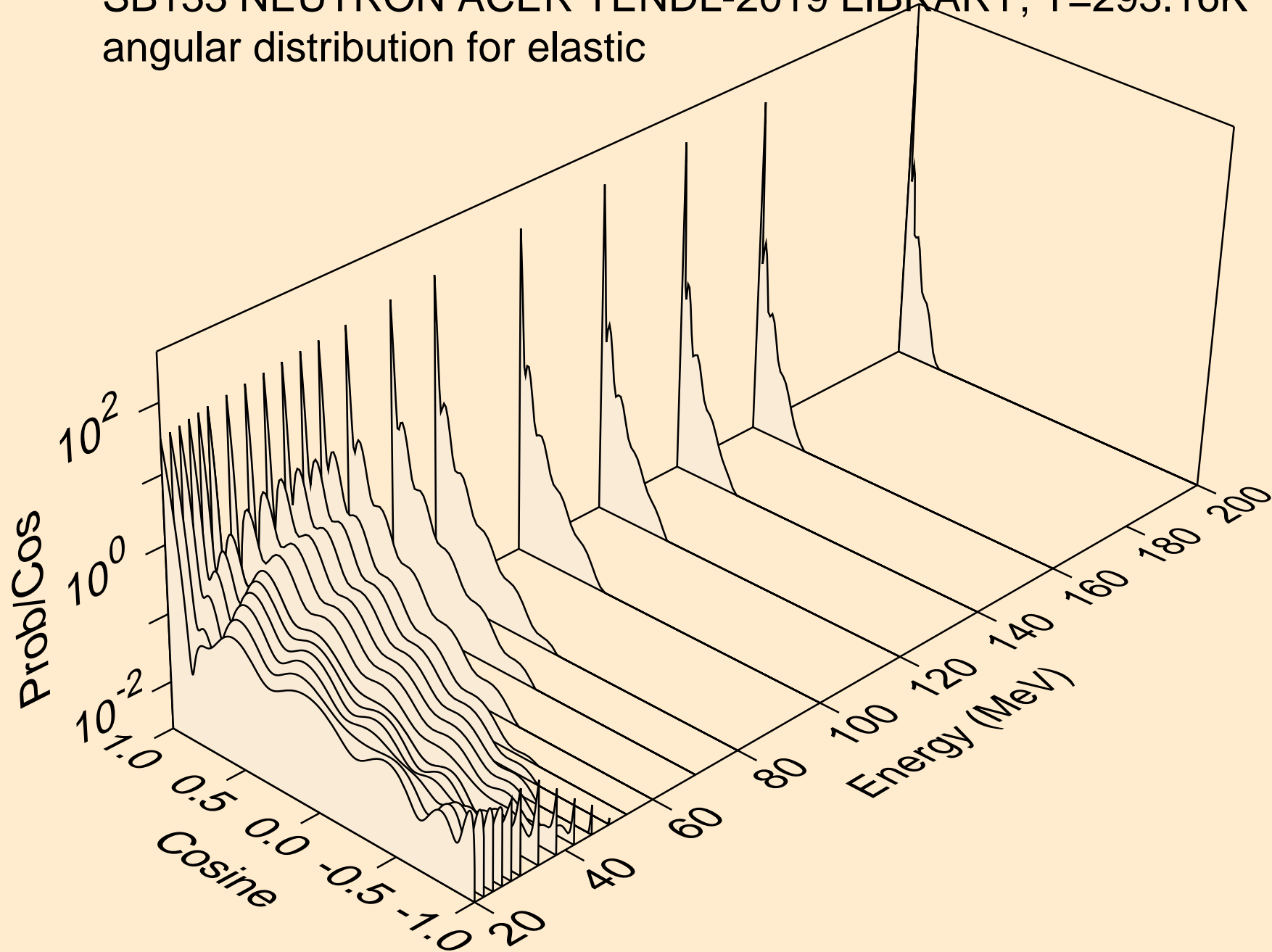
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



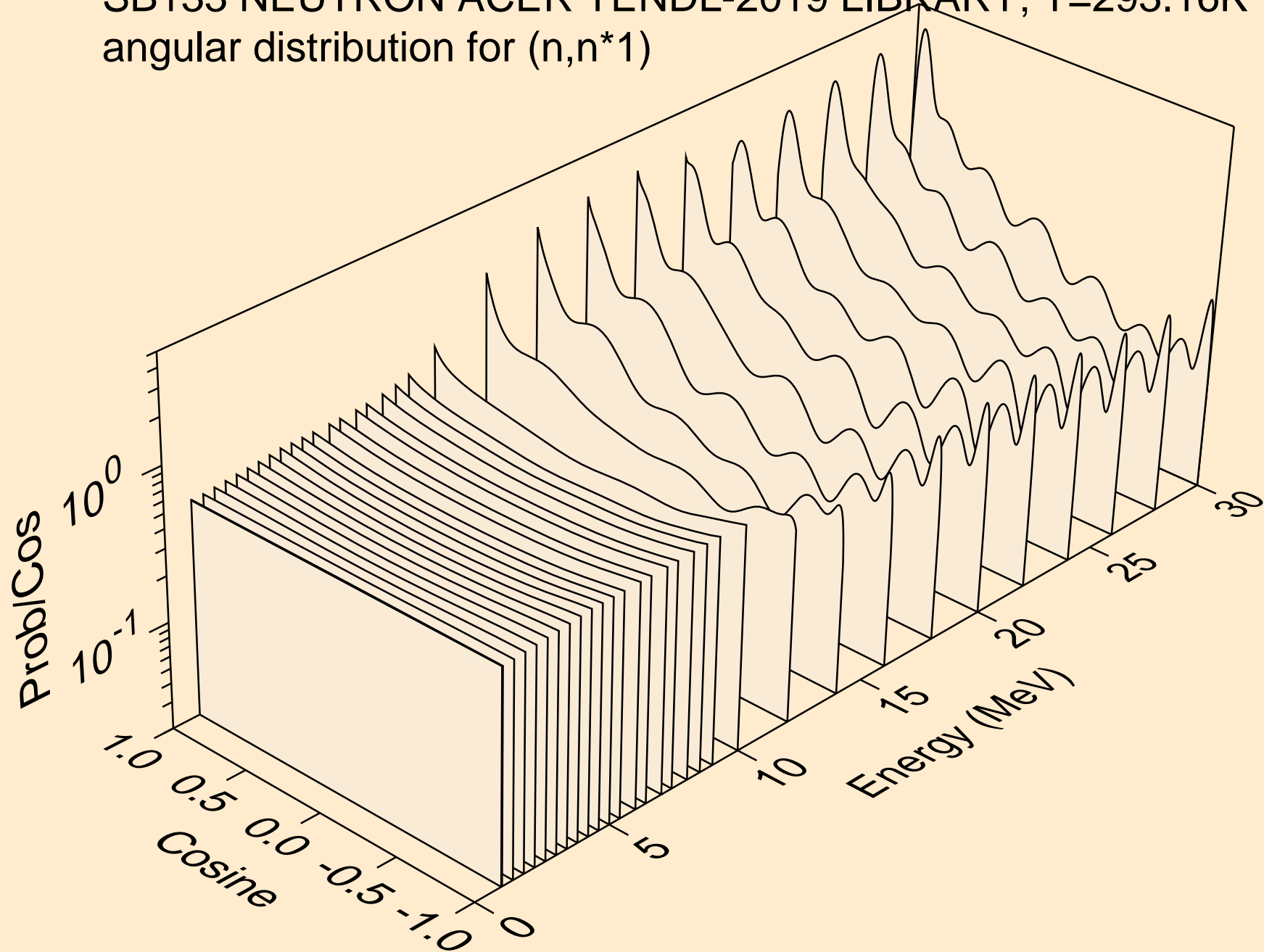
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



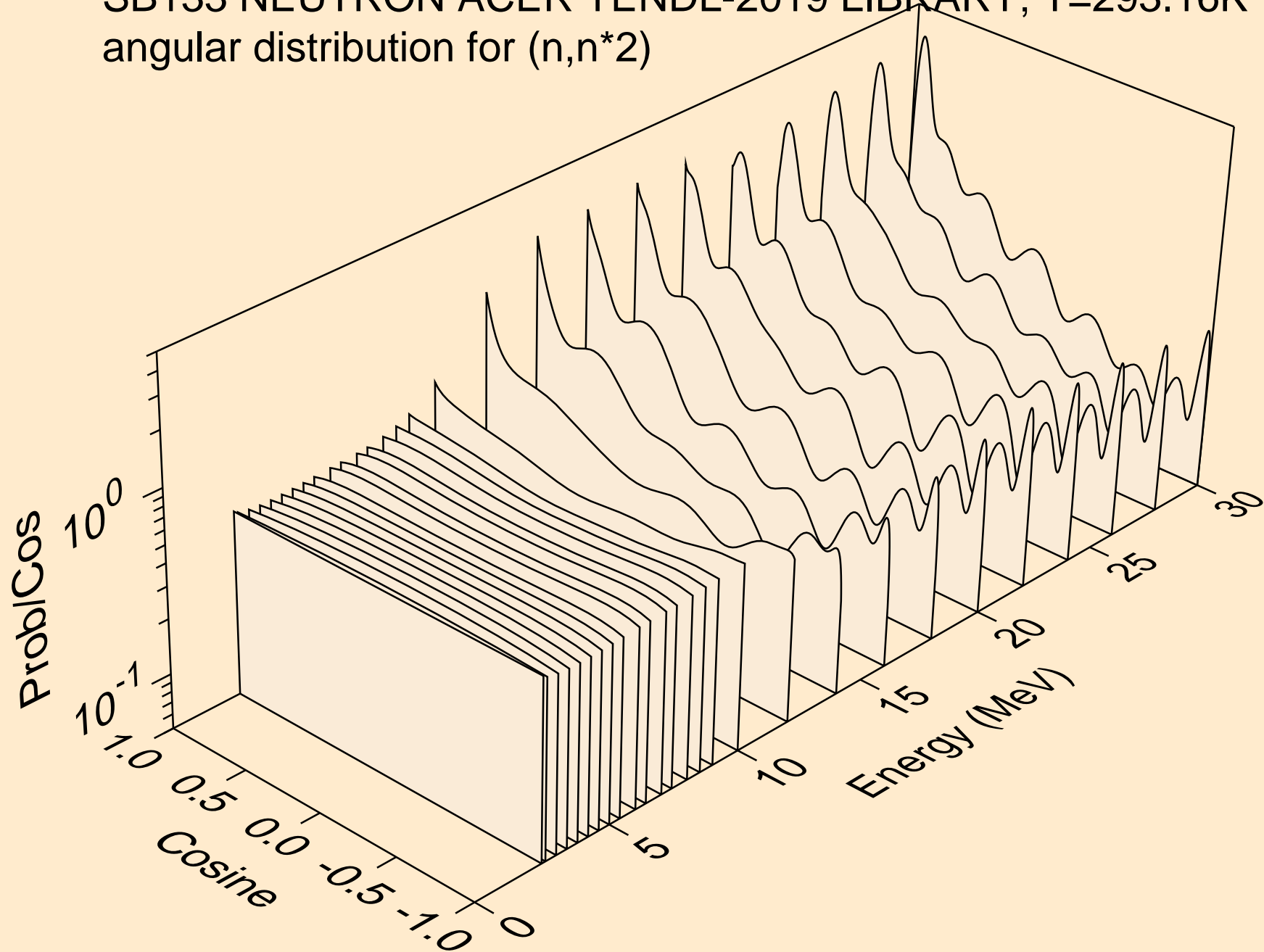
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



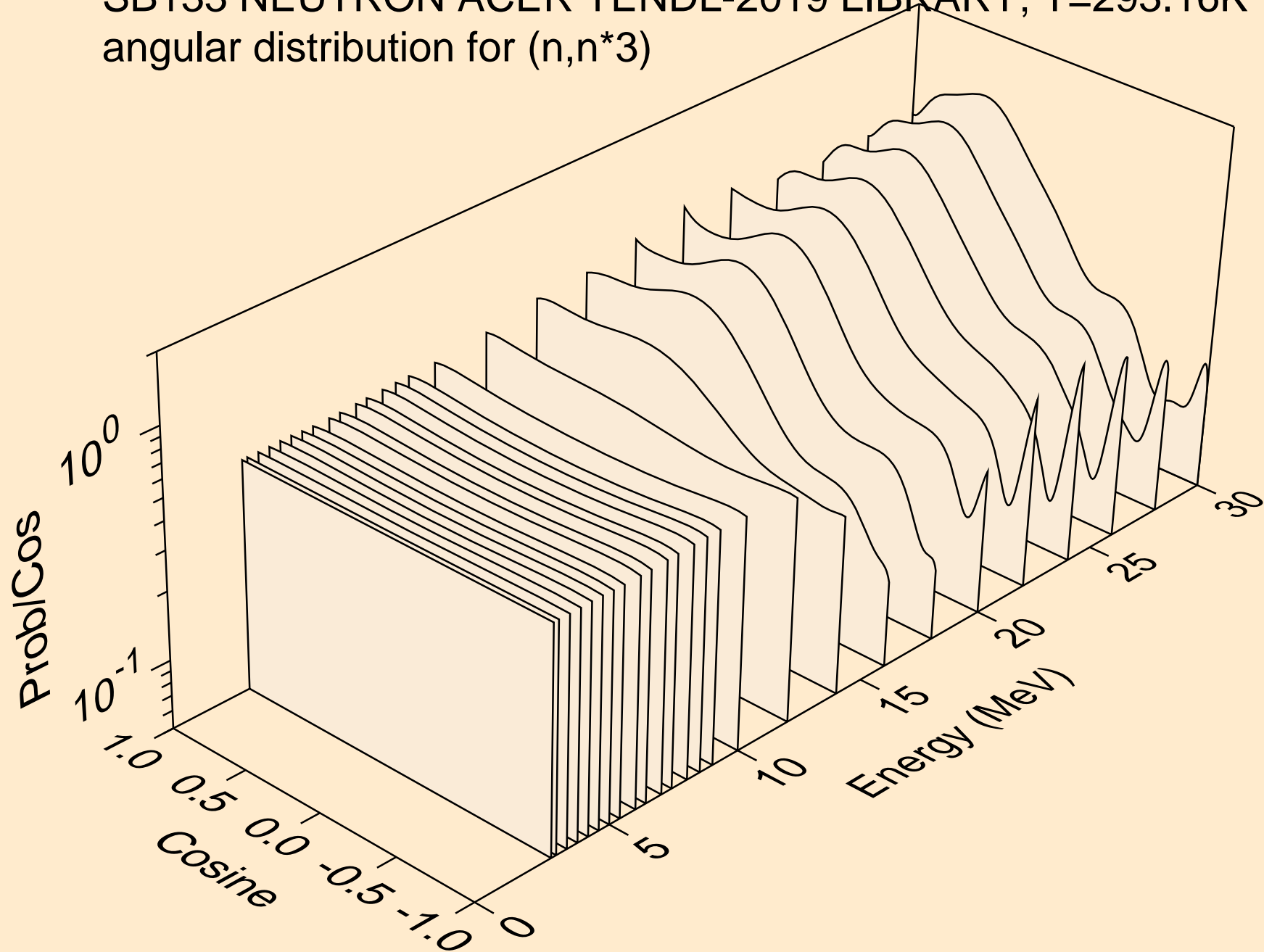
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)

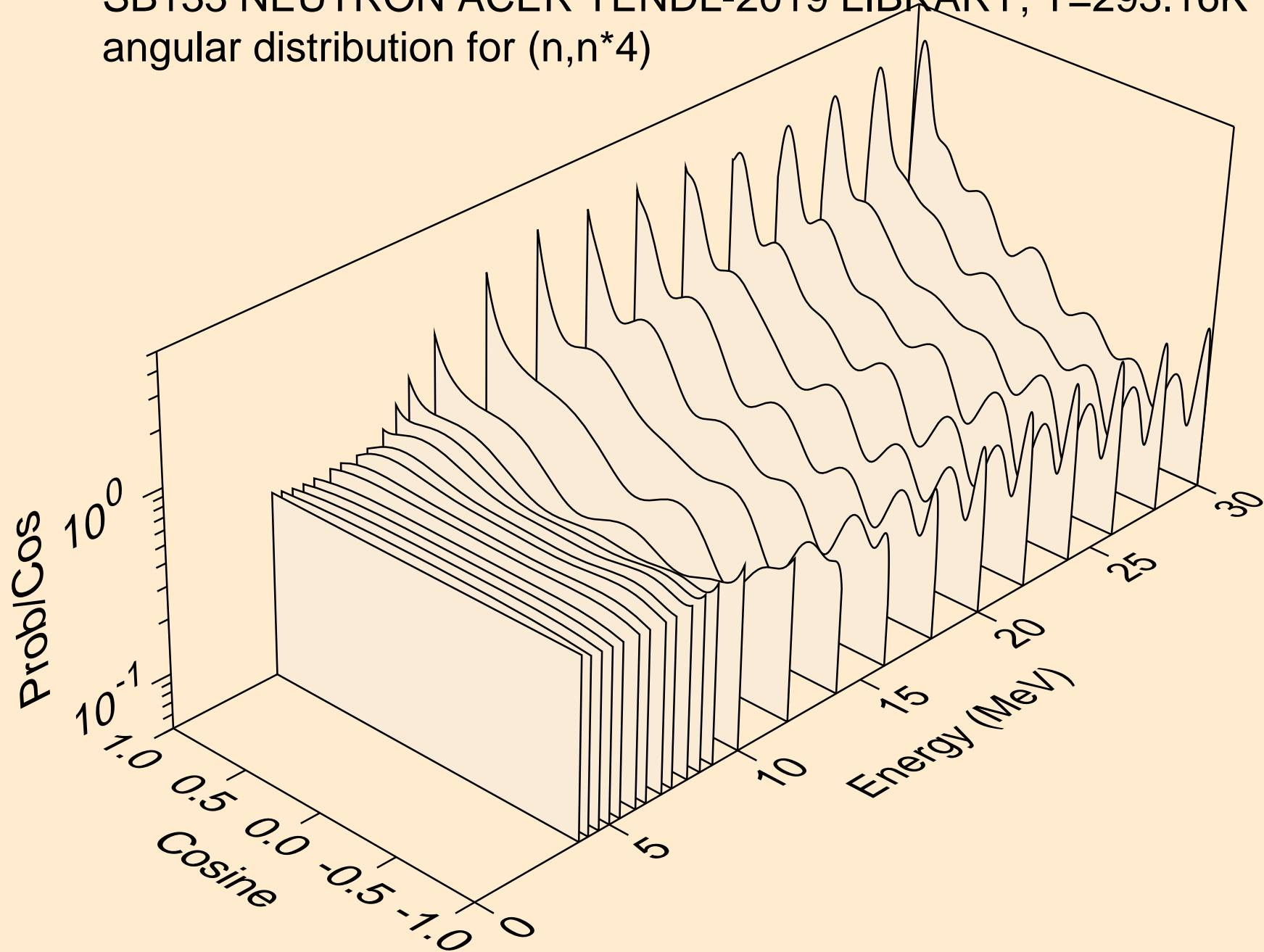


SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)

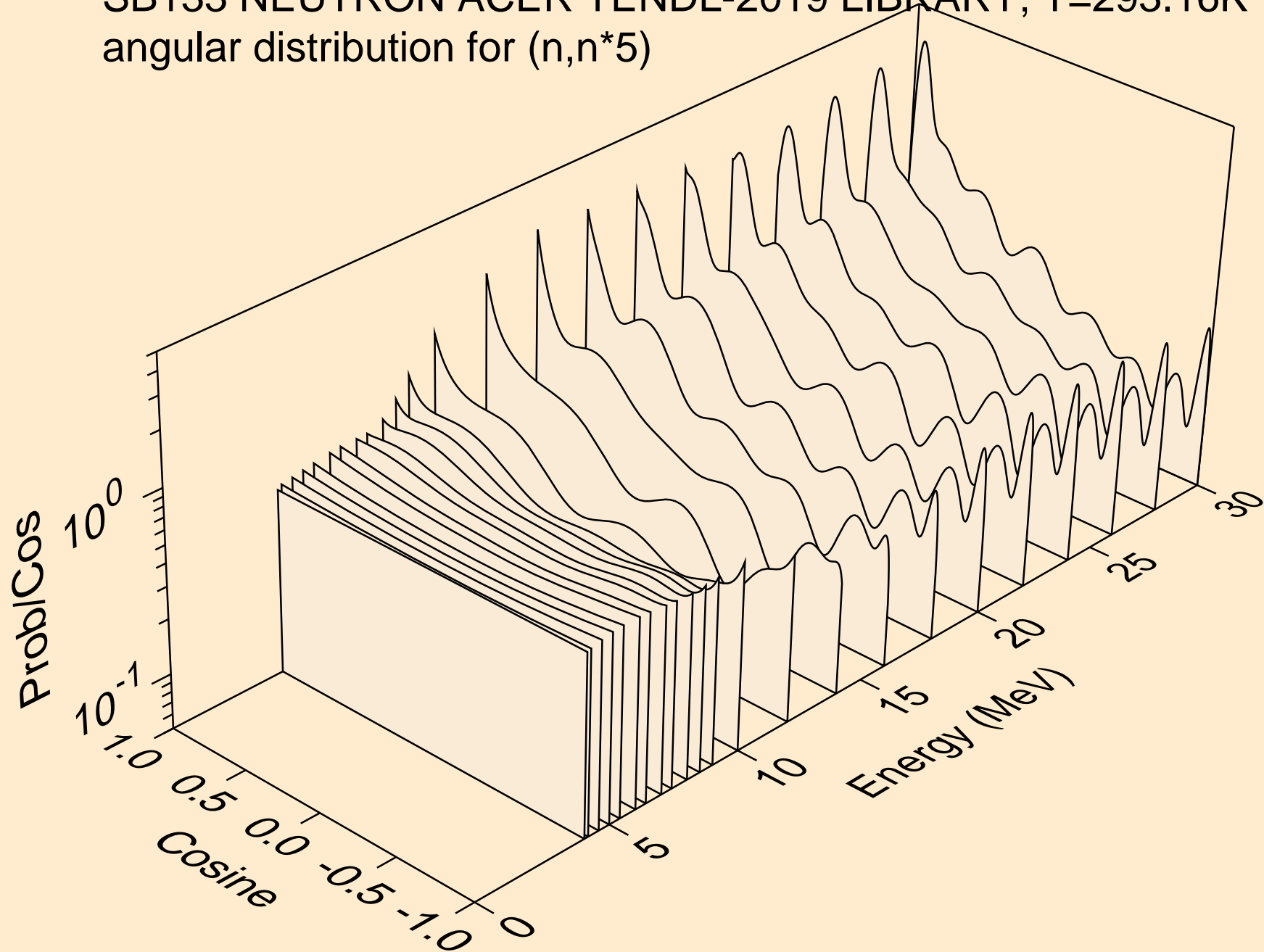




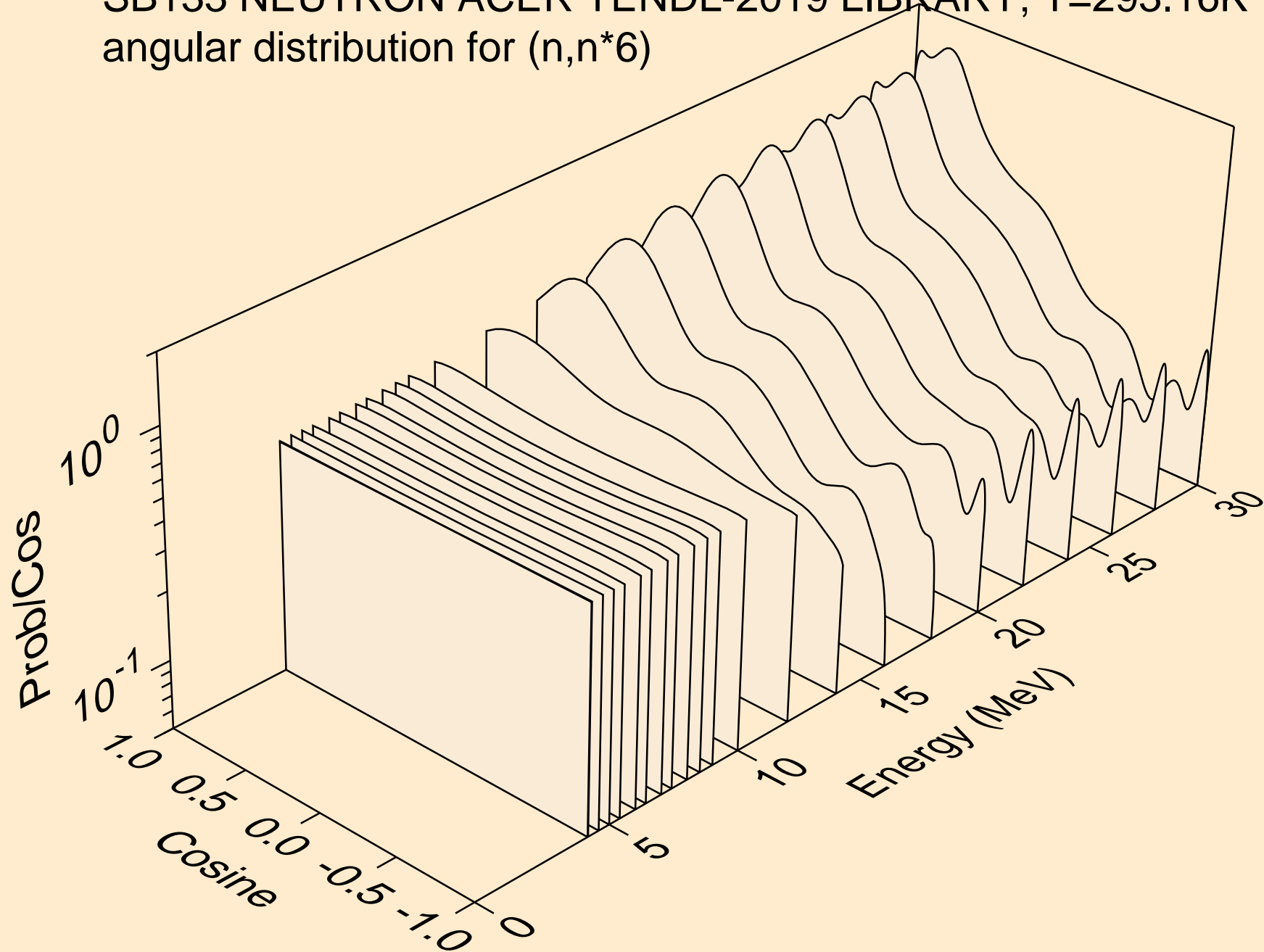
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angular distribution for (n,n\*4)



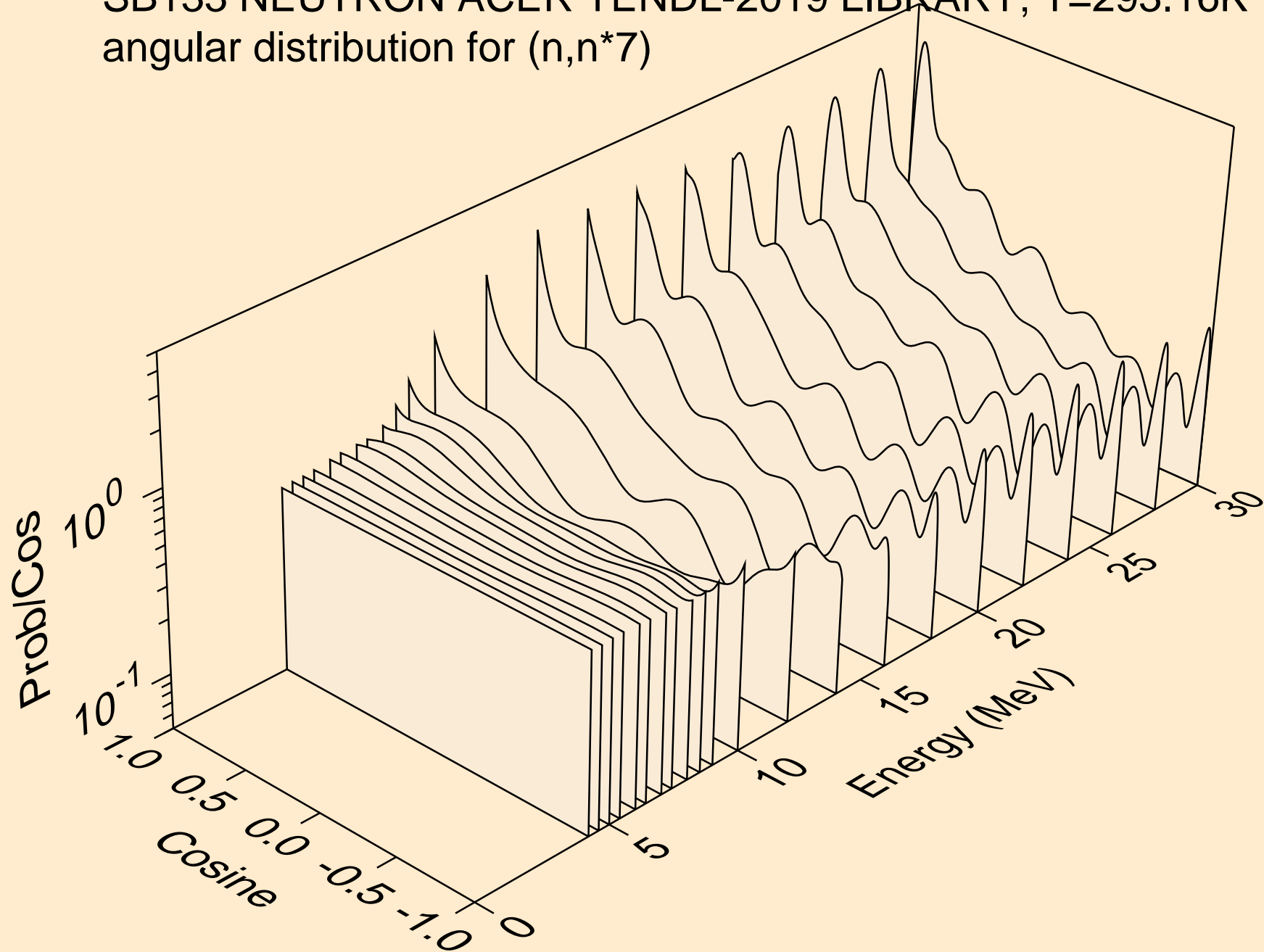
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angular distribution for (n,n\*5)



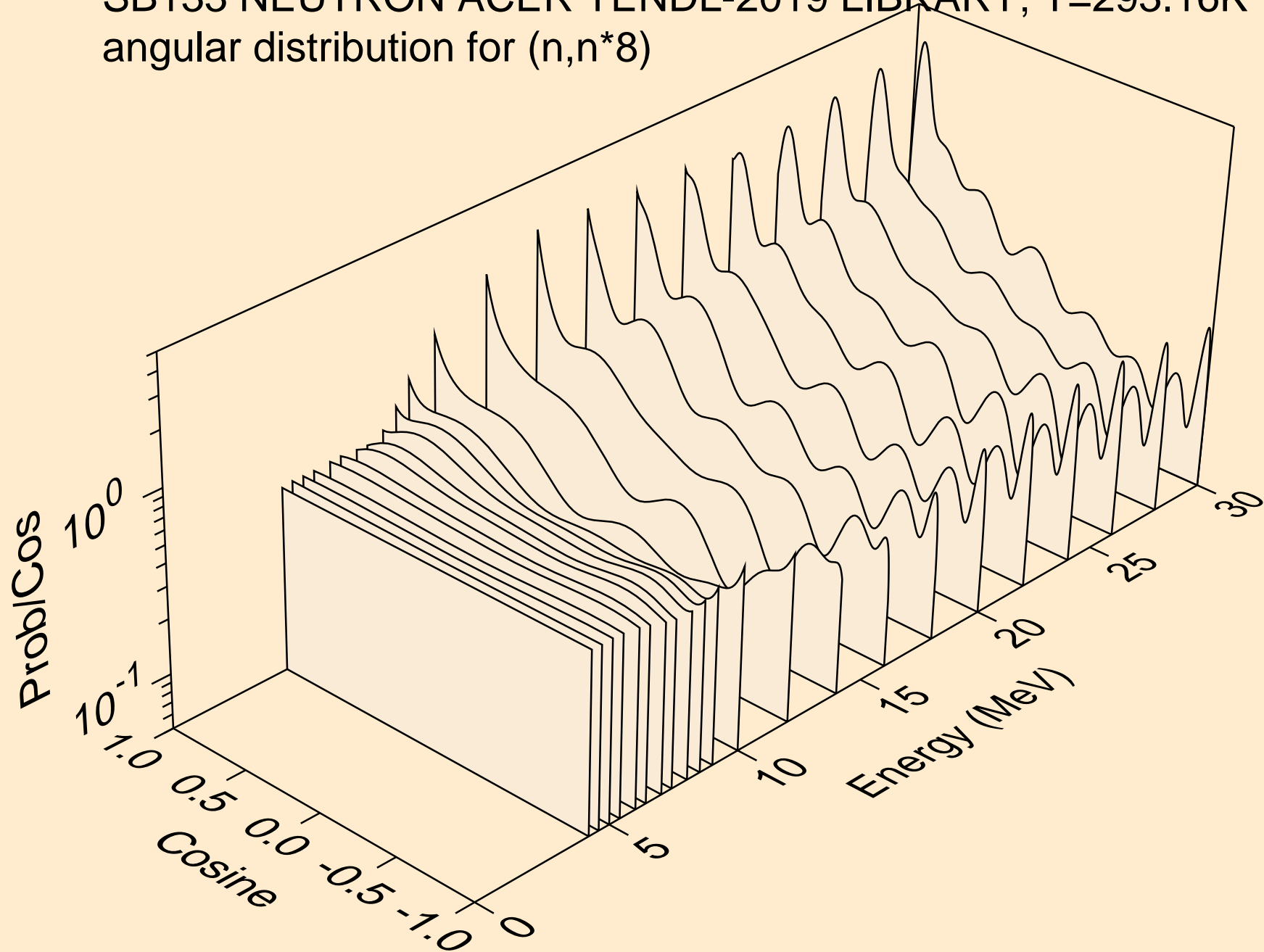
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angular distribution for (n,n\*6)



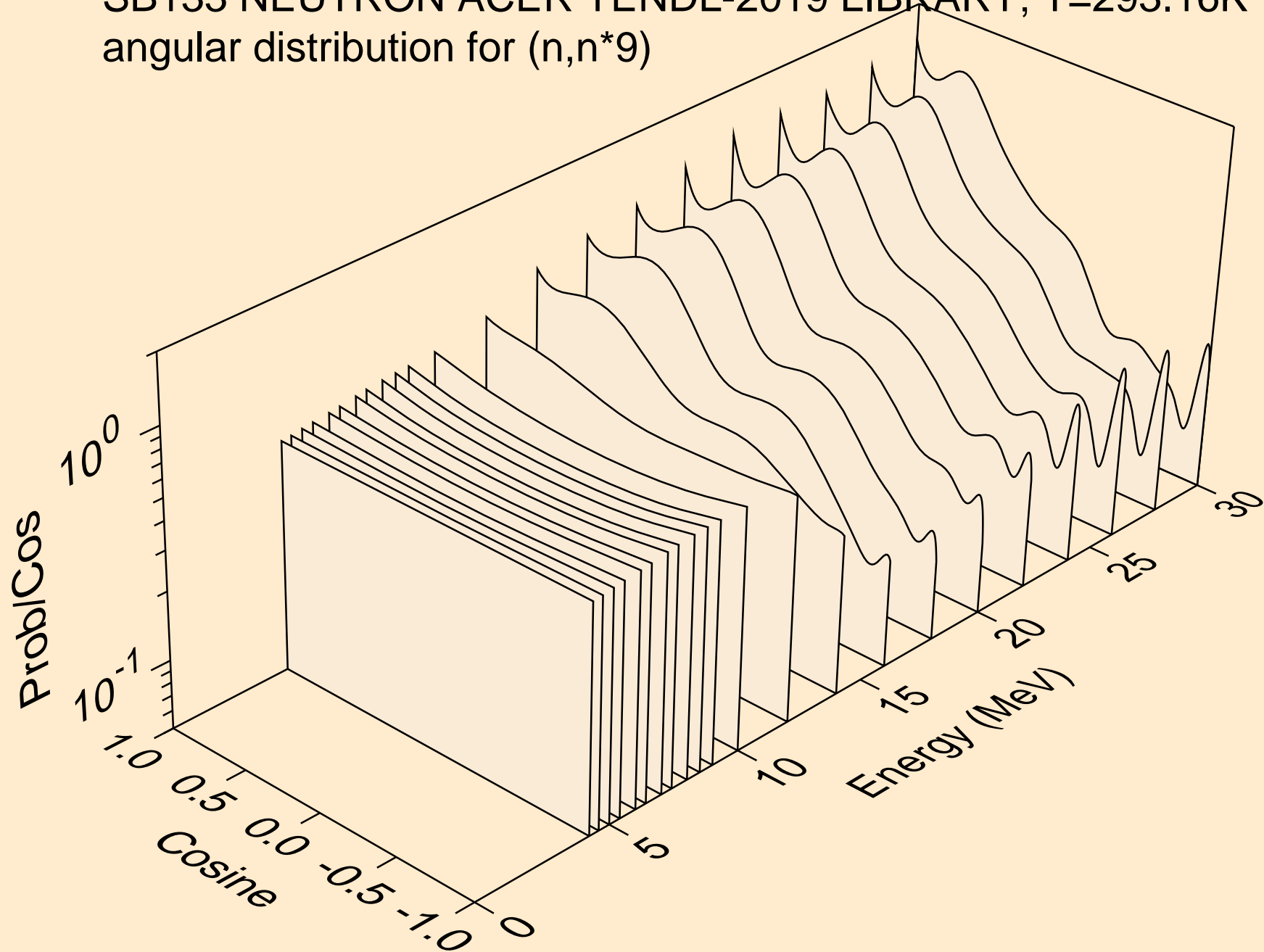
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angular distribution for (n,n\*7)



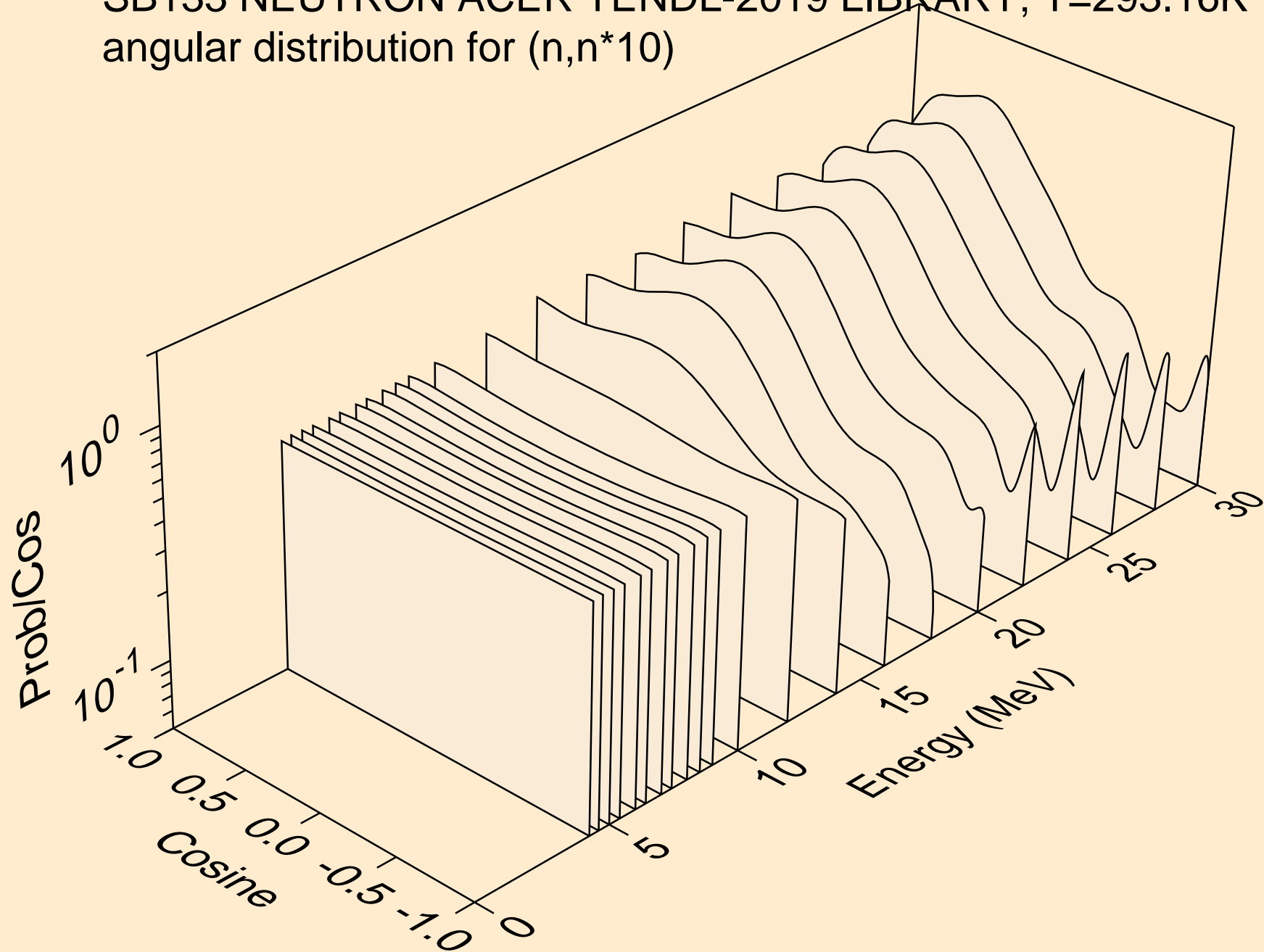
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angular distribution for (n,n\*8)



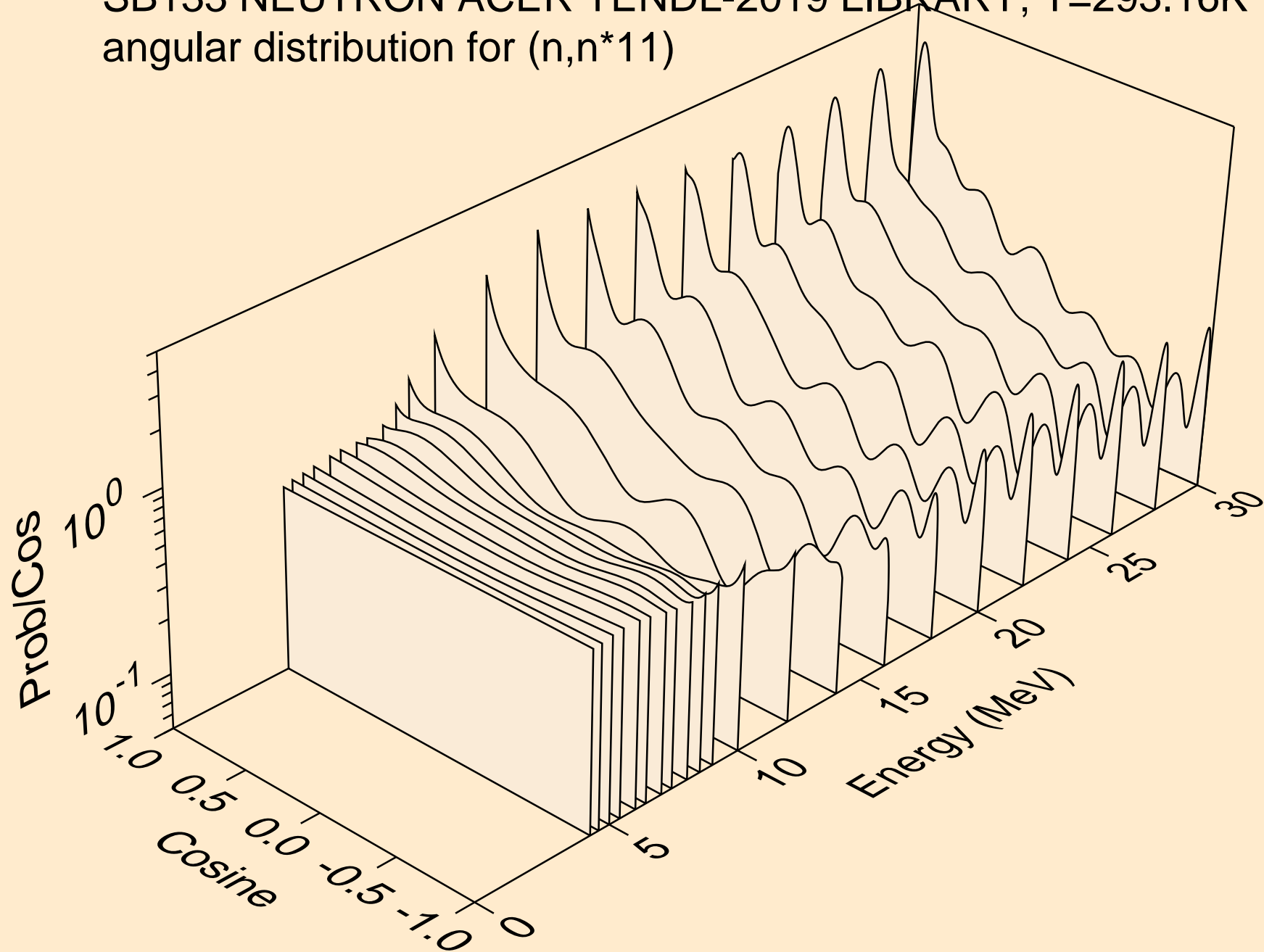
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angular distribution for (n,n\*9)



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)

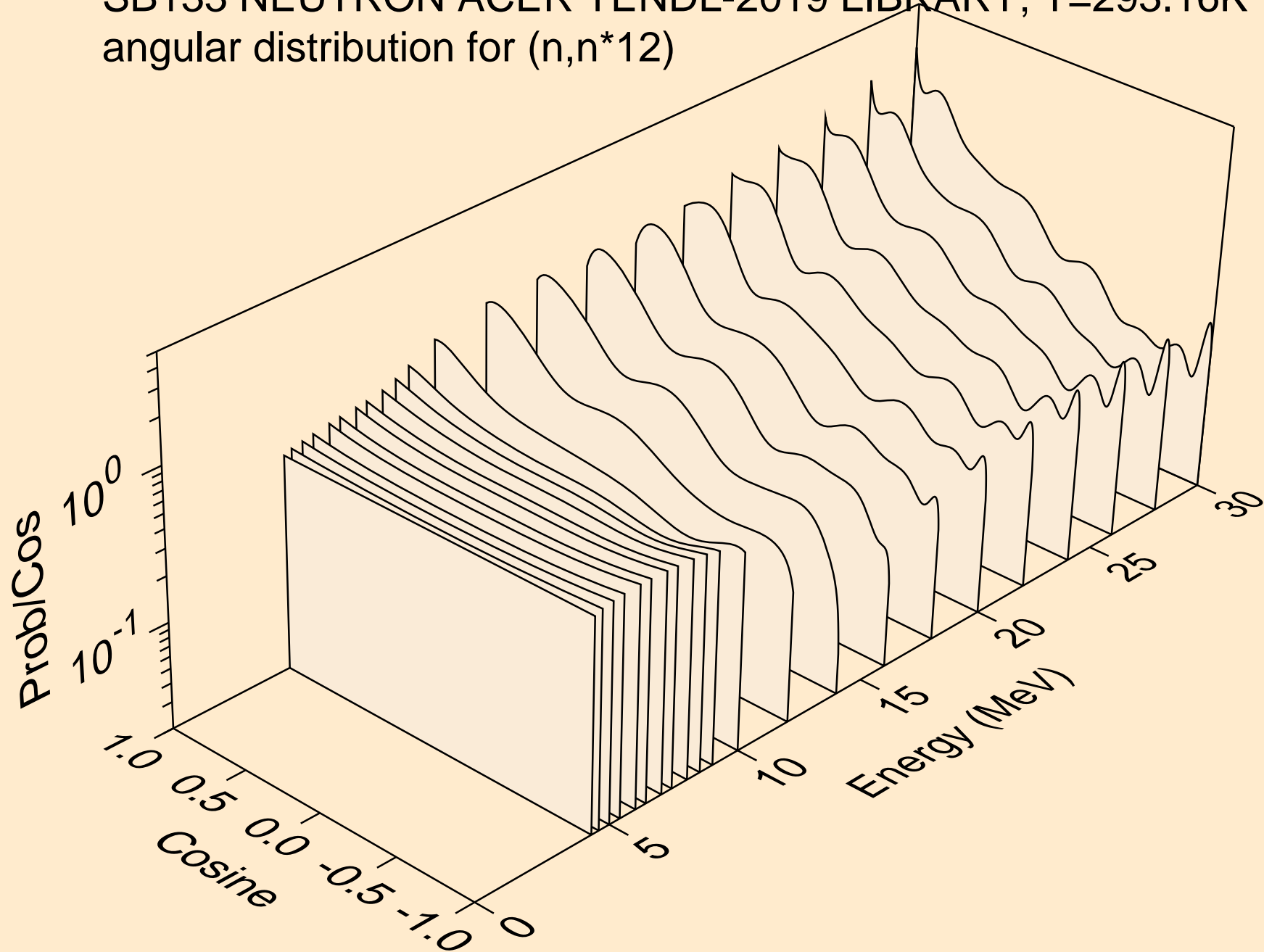


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angular distribution for (n,n\*11)

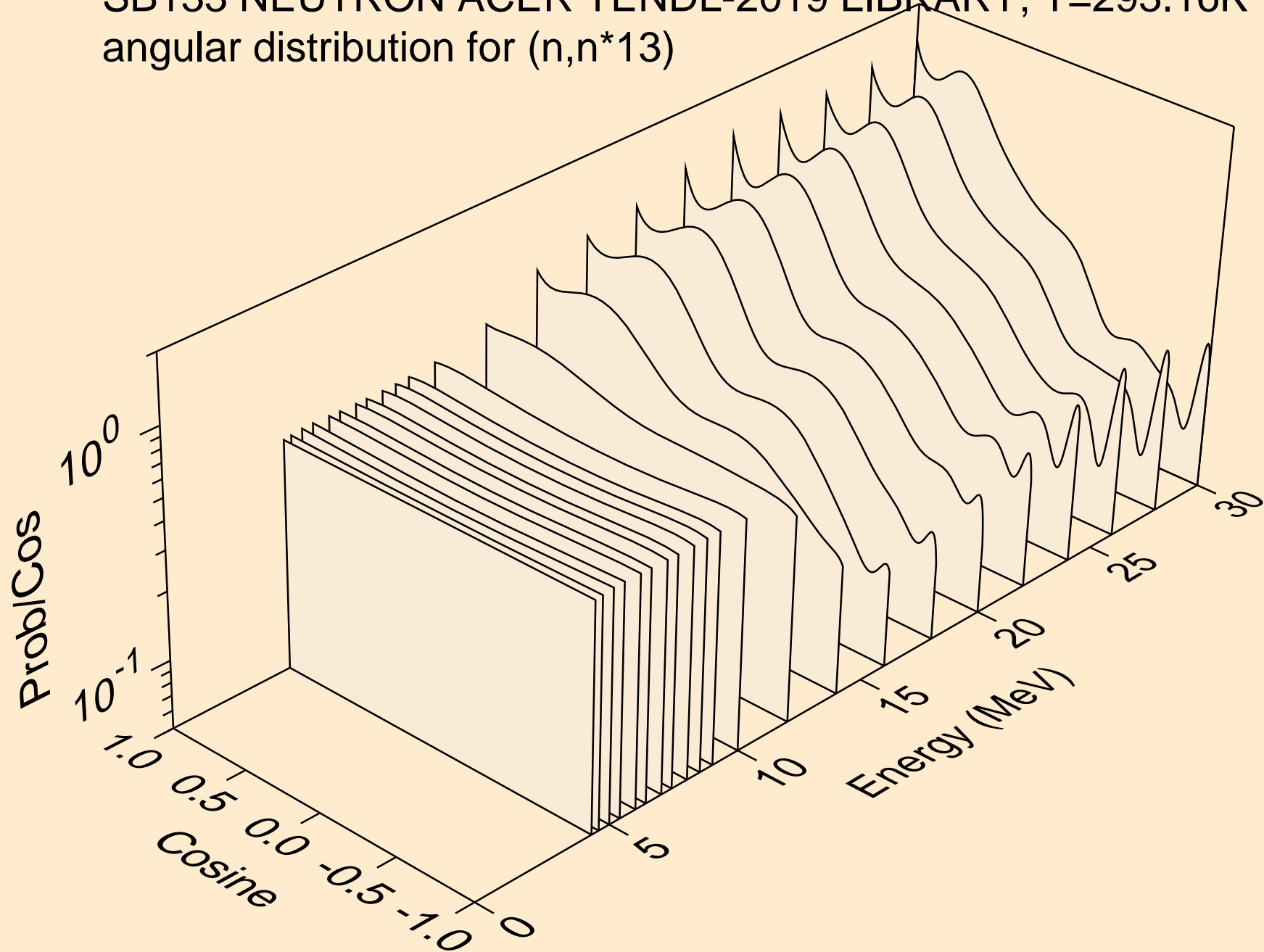




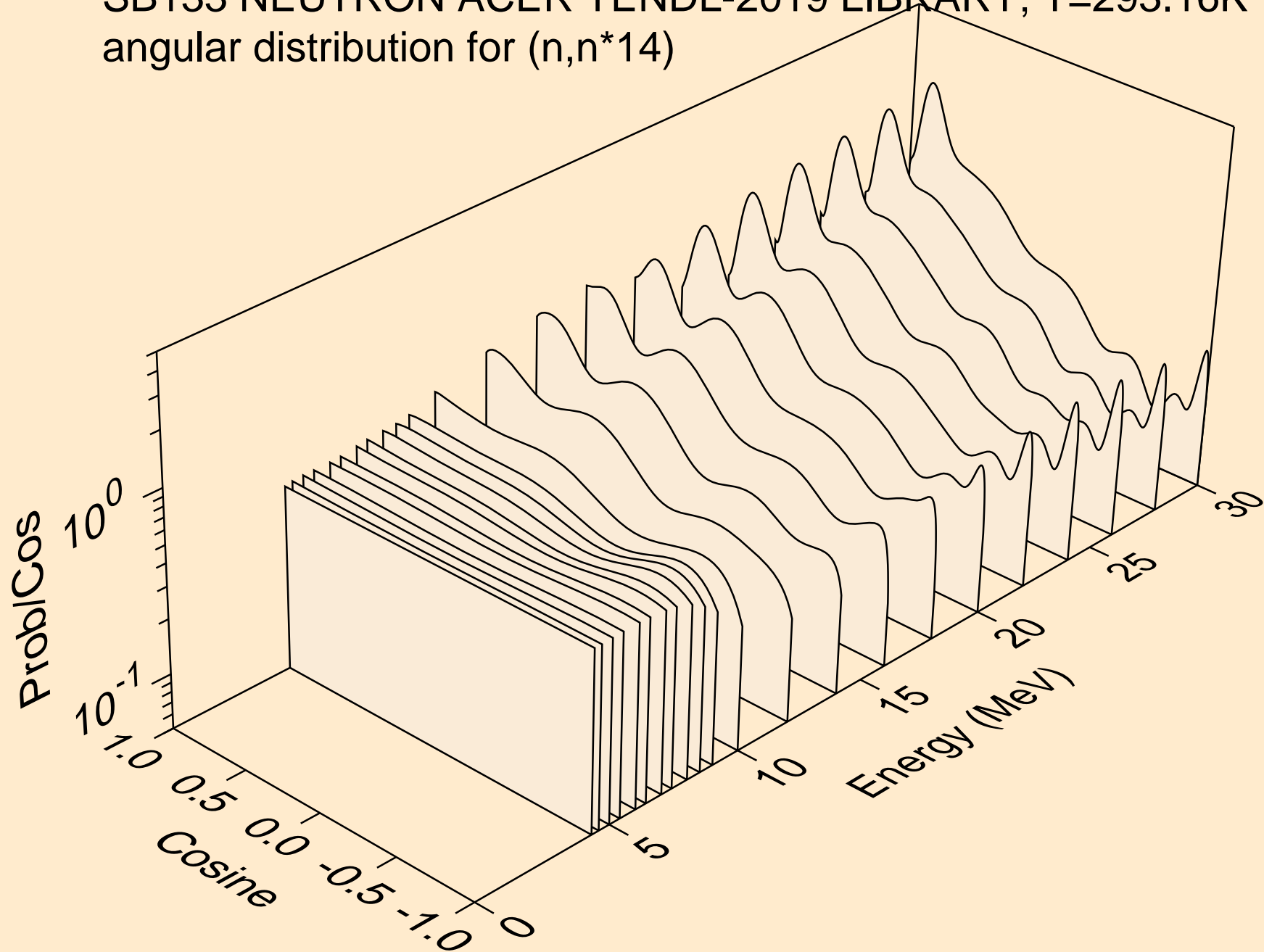
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angular distribution for (n,n\*12)



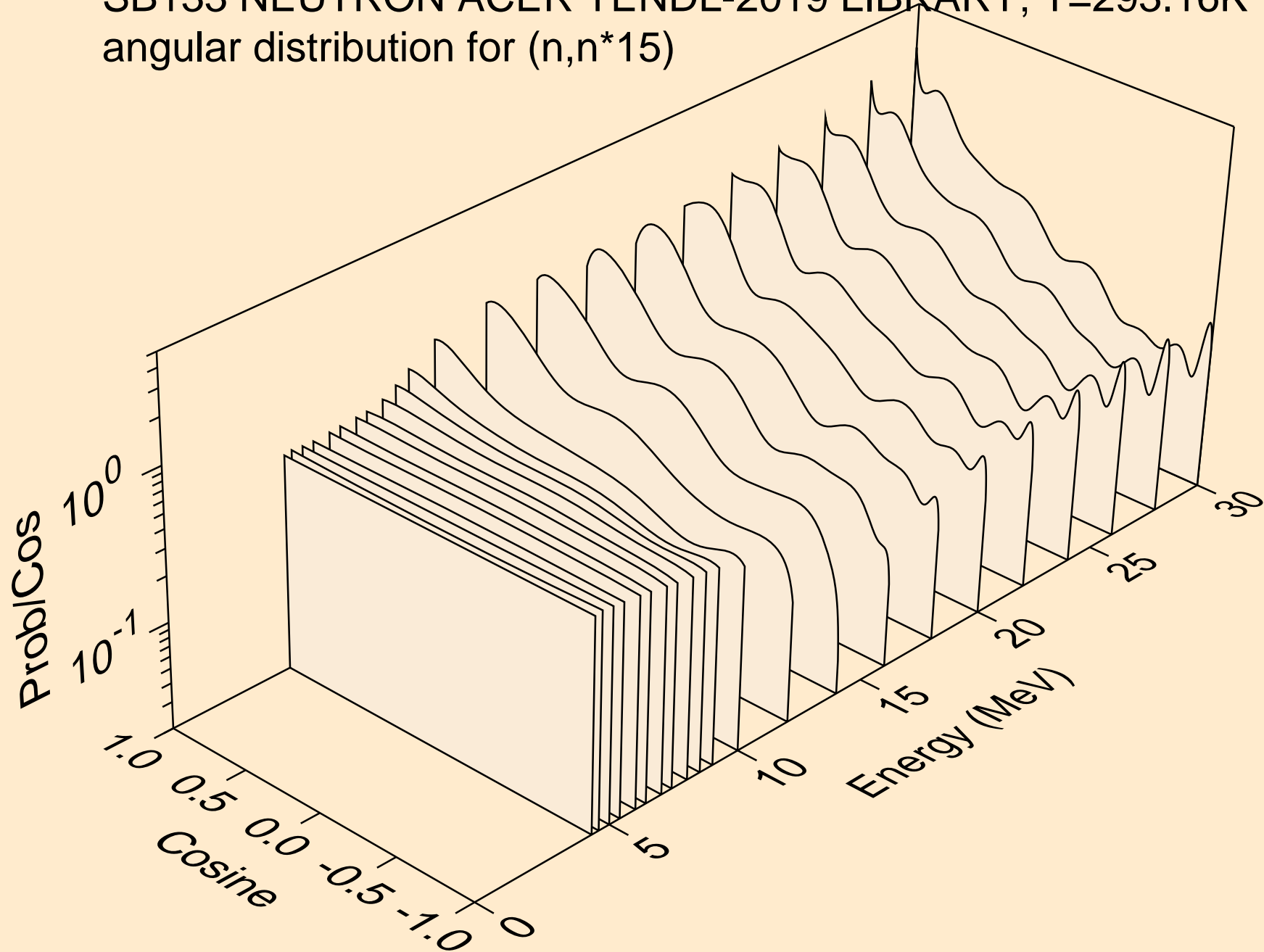
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angular distribution for (n,n\*13)



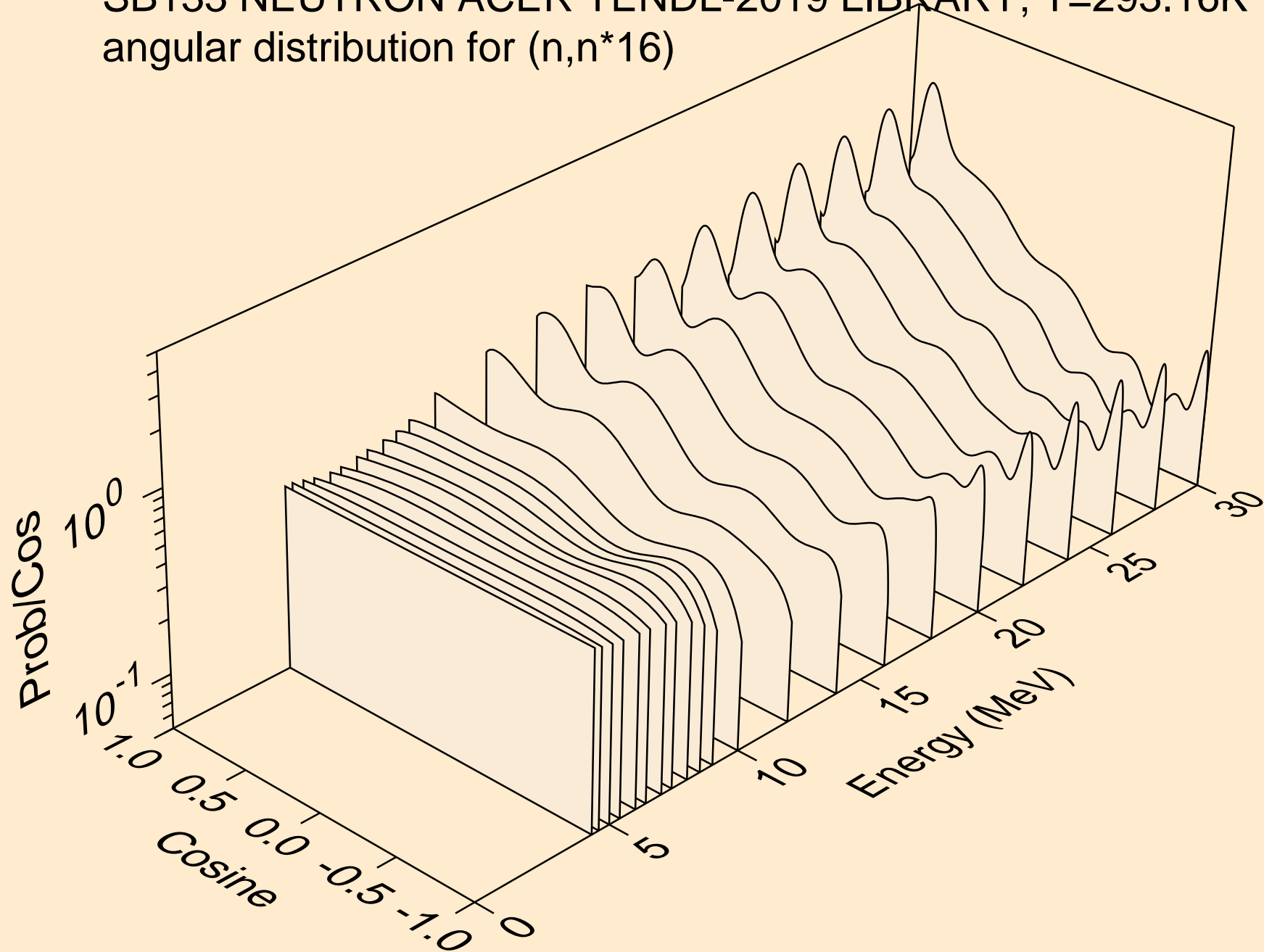
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angular distribution for (n,n\*14)



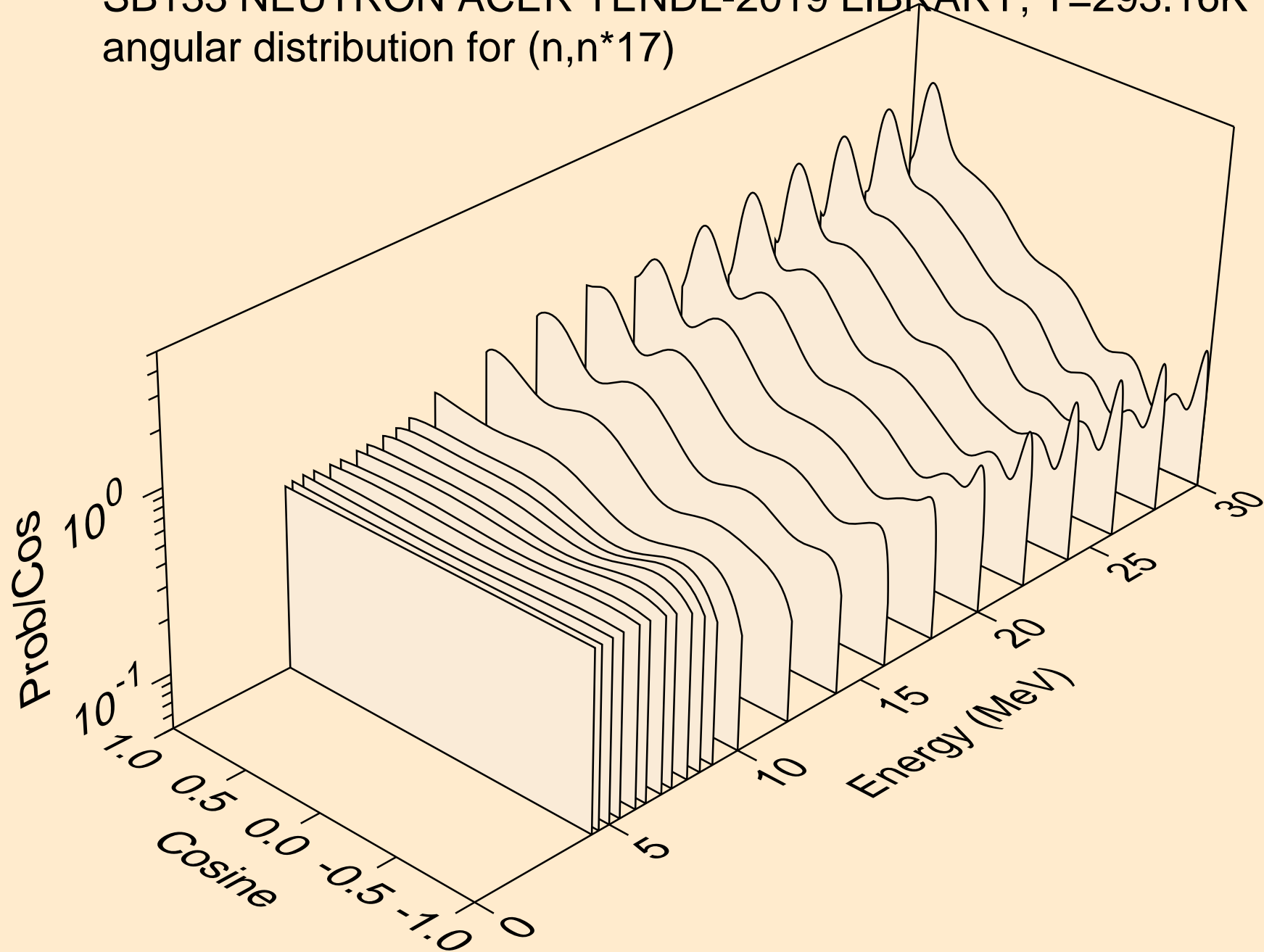
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angular distribution for (n,n\*15)



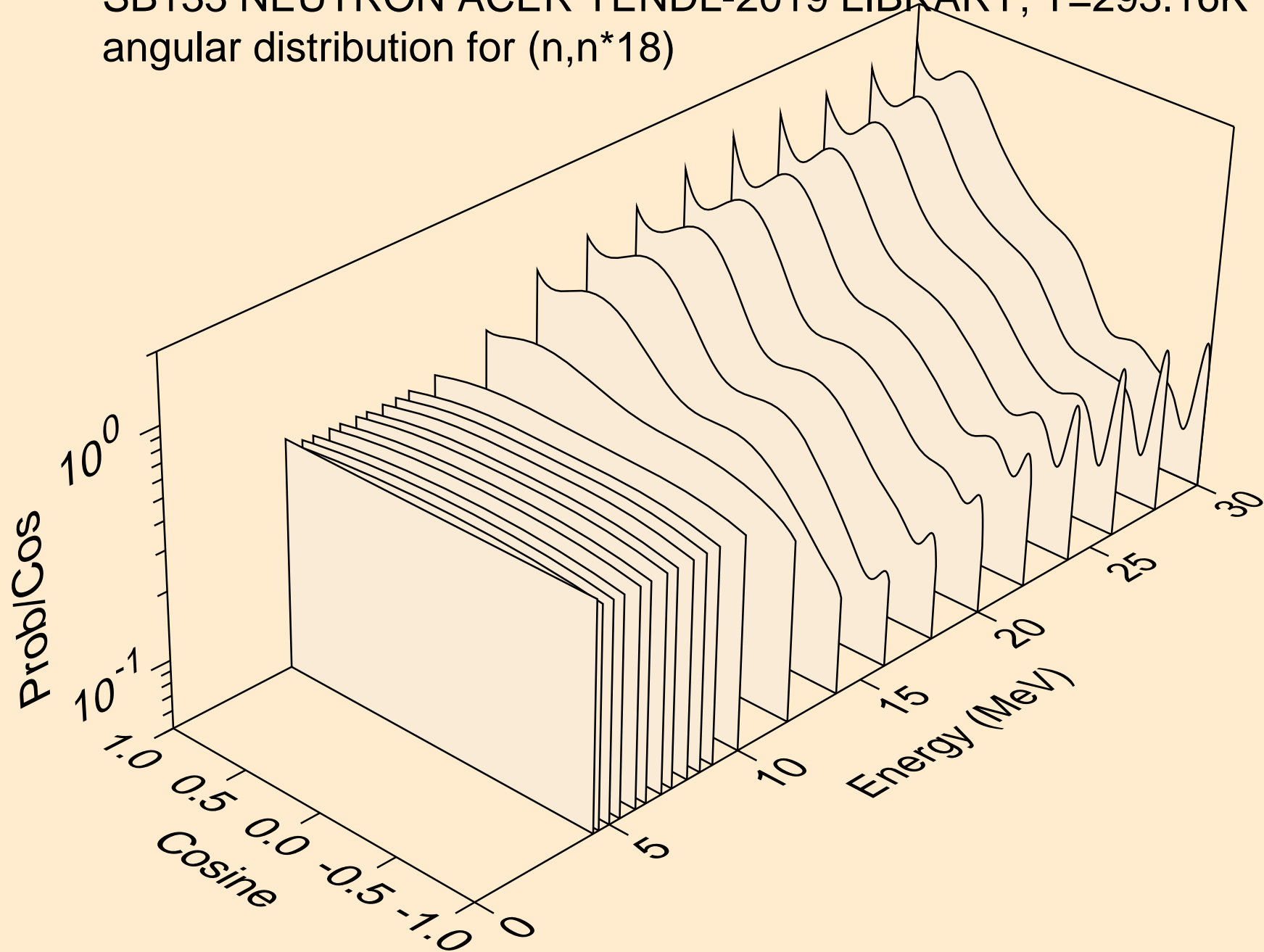
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angular distribution for (n,n\*16)



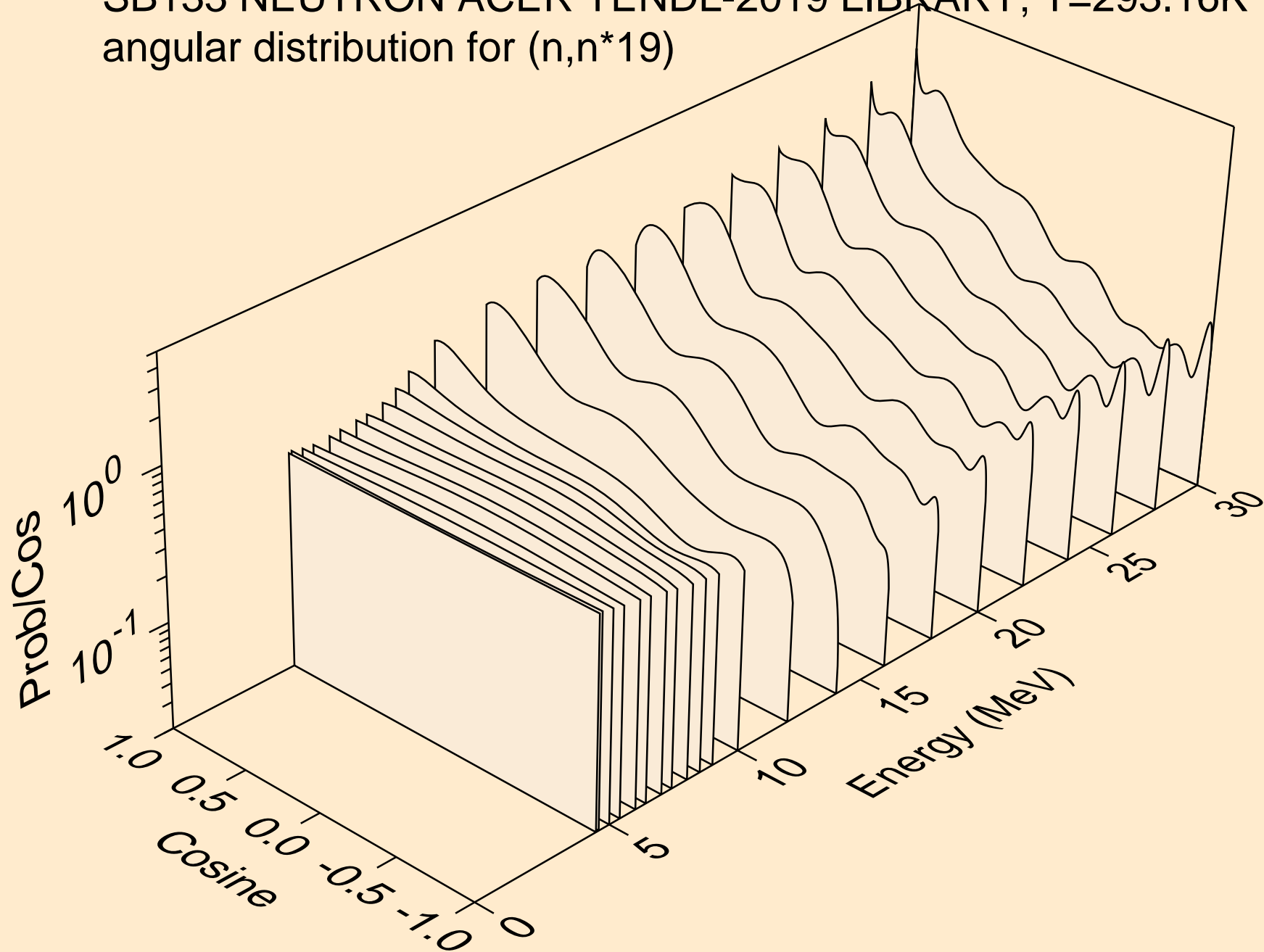
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angular distribution for (n,n\*17)



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)

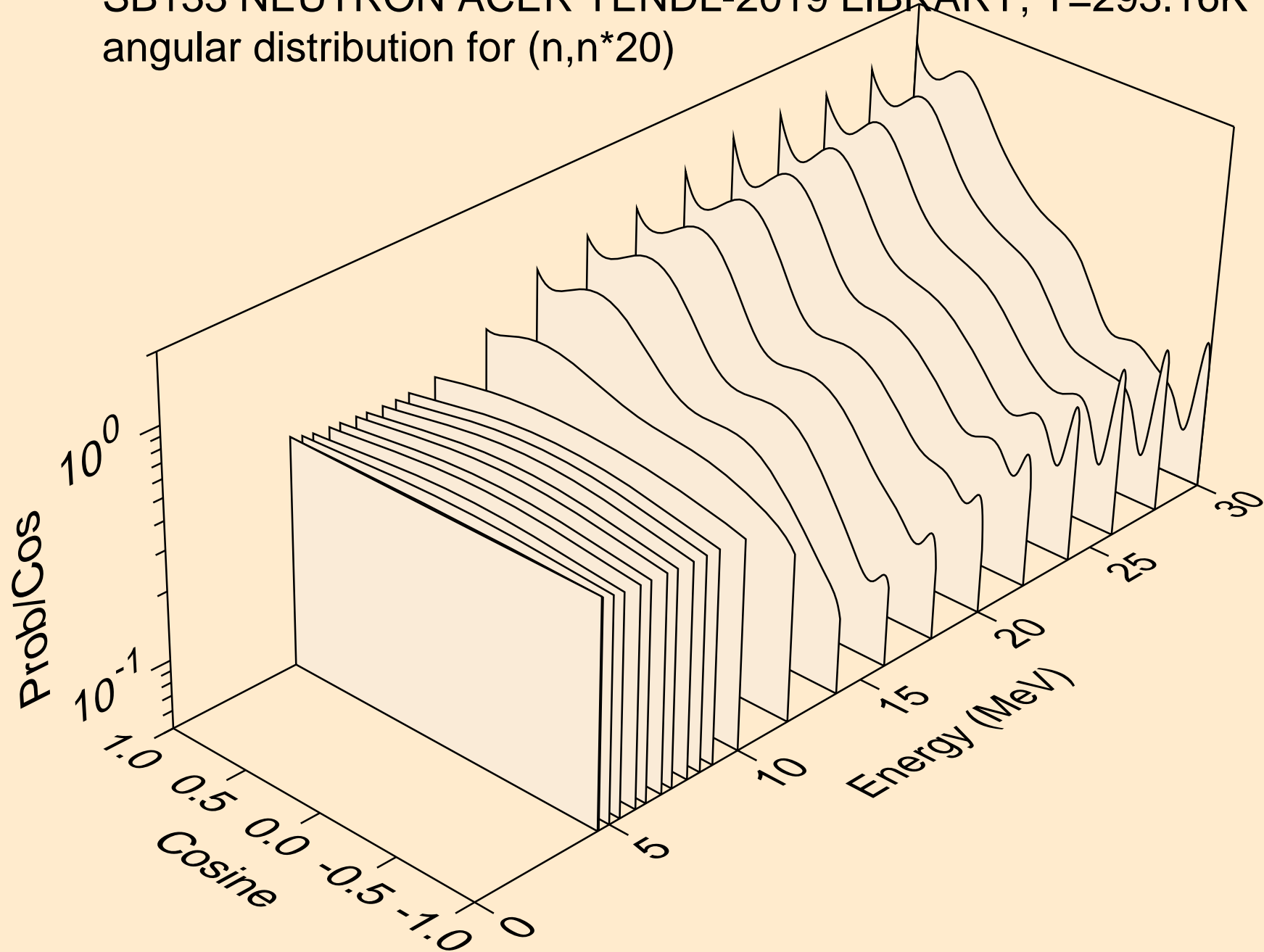


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angular distribution for (n,n\*19)

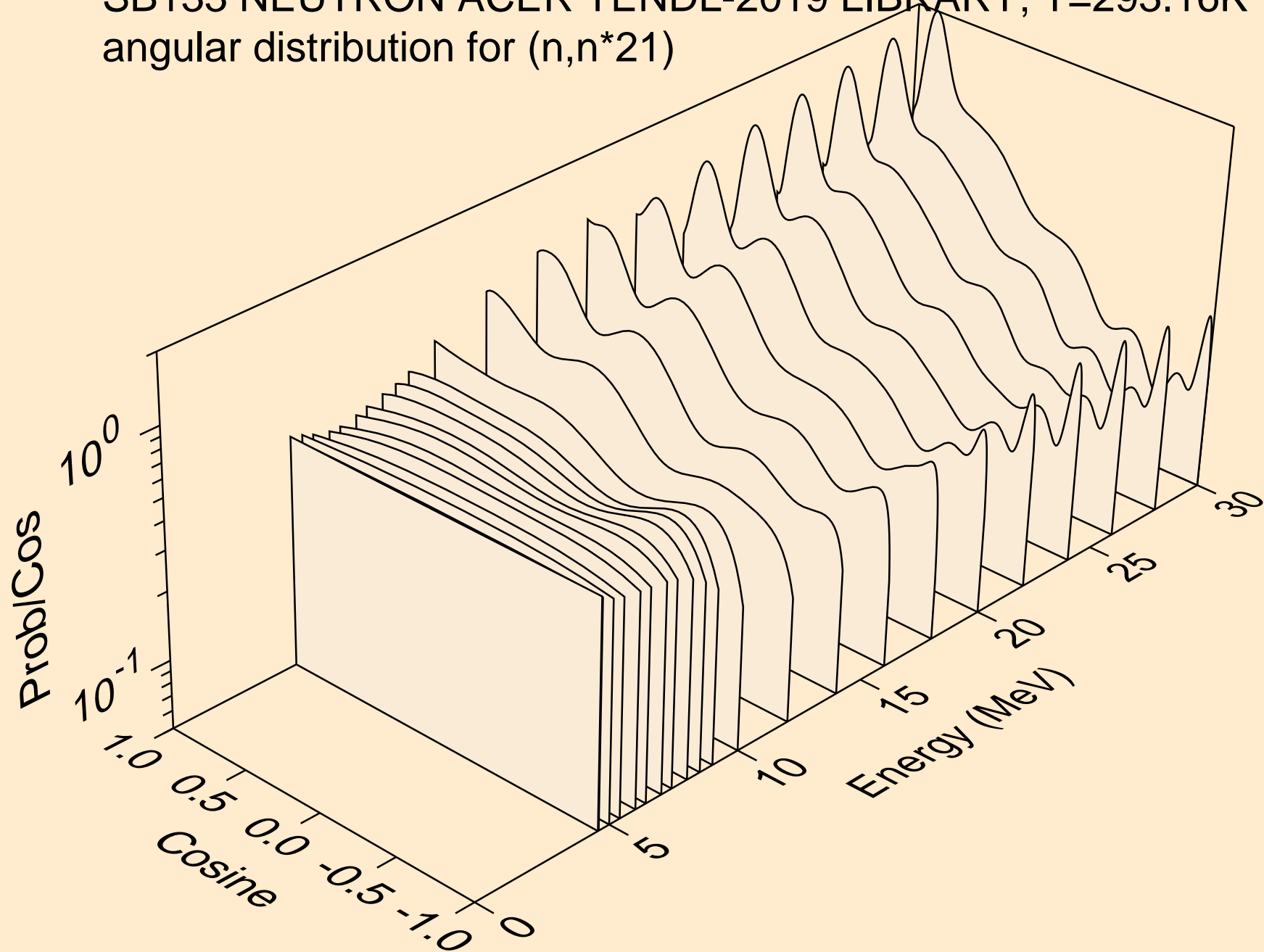




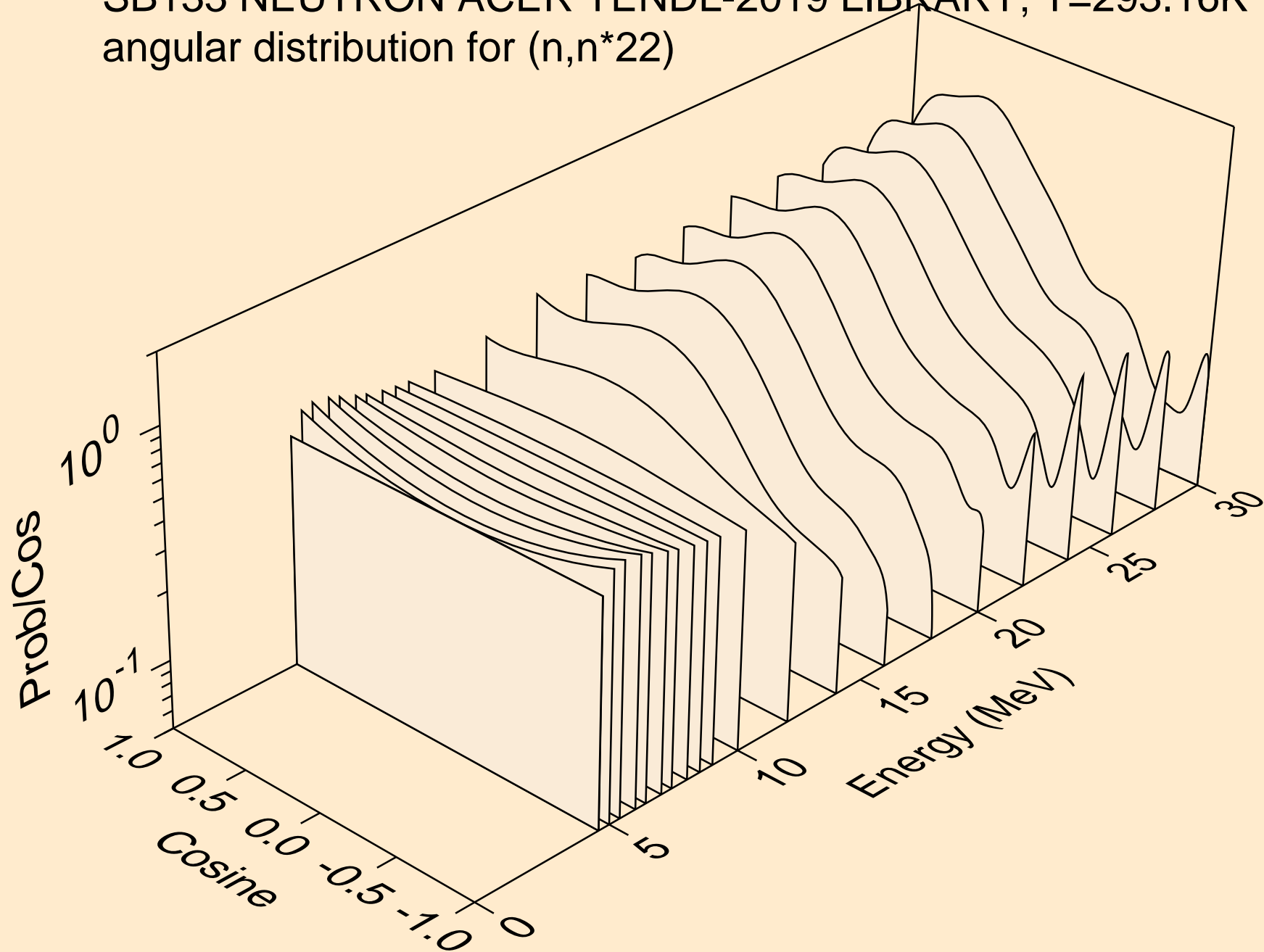
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angular distribution for (n,n\*20)



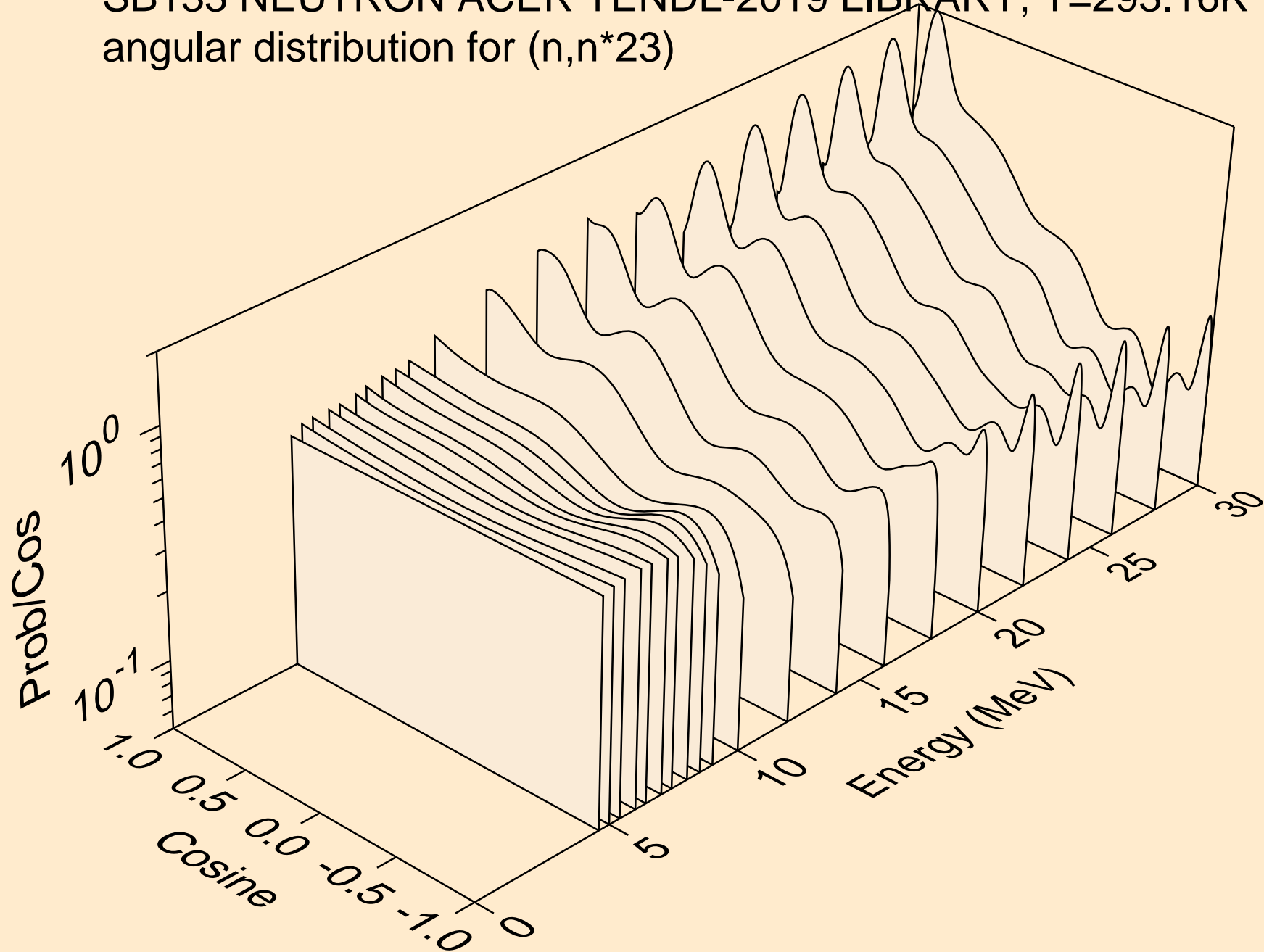
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angular distribution for (n,n\*21)



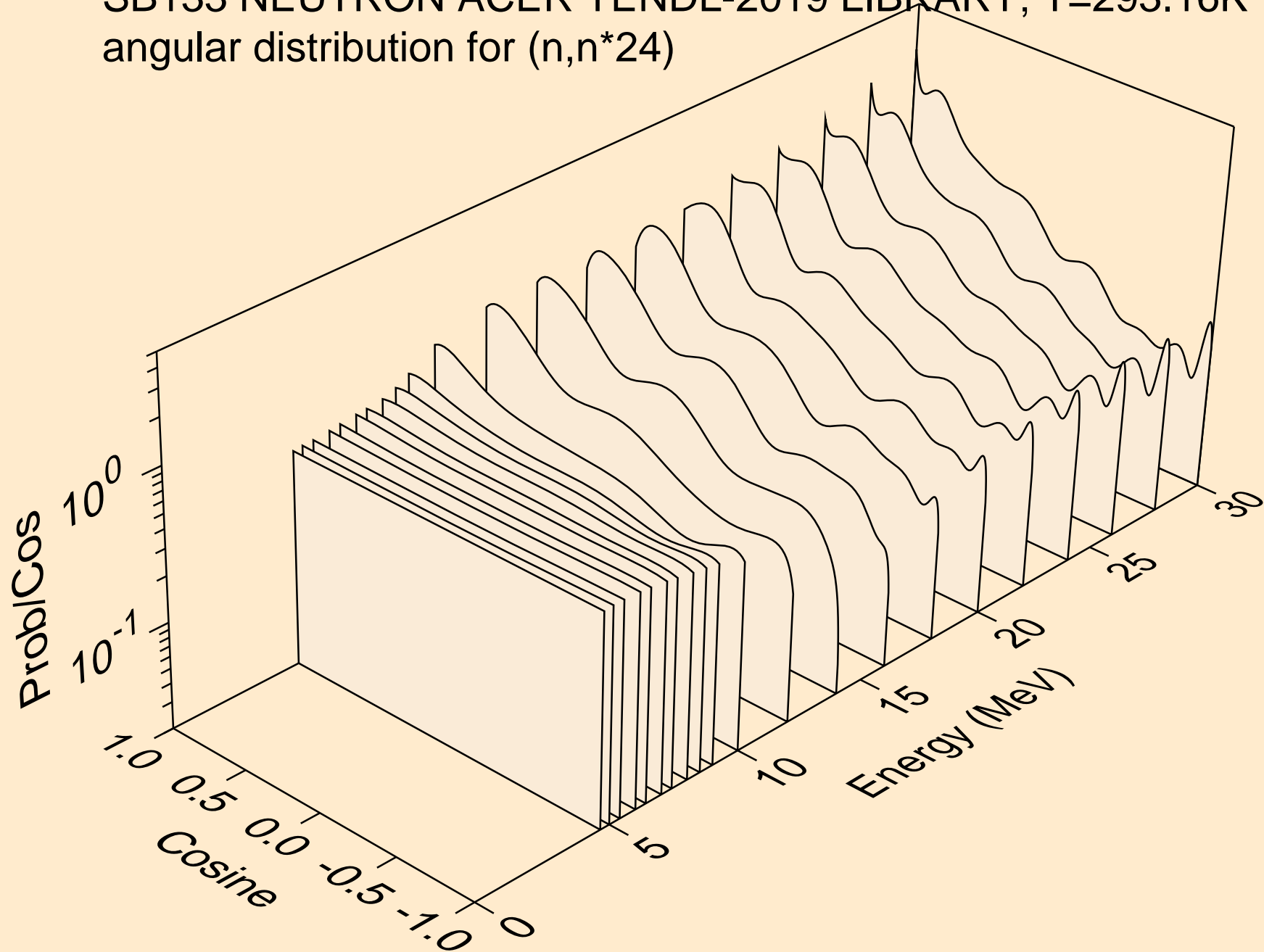
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angular distribution for (n,n\*22)



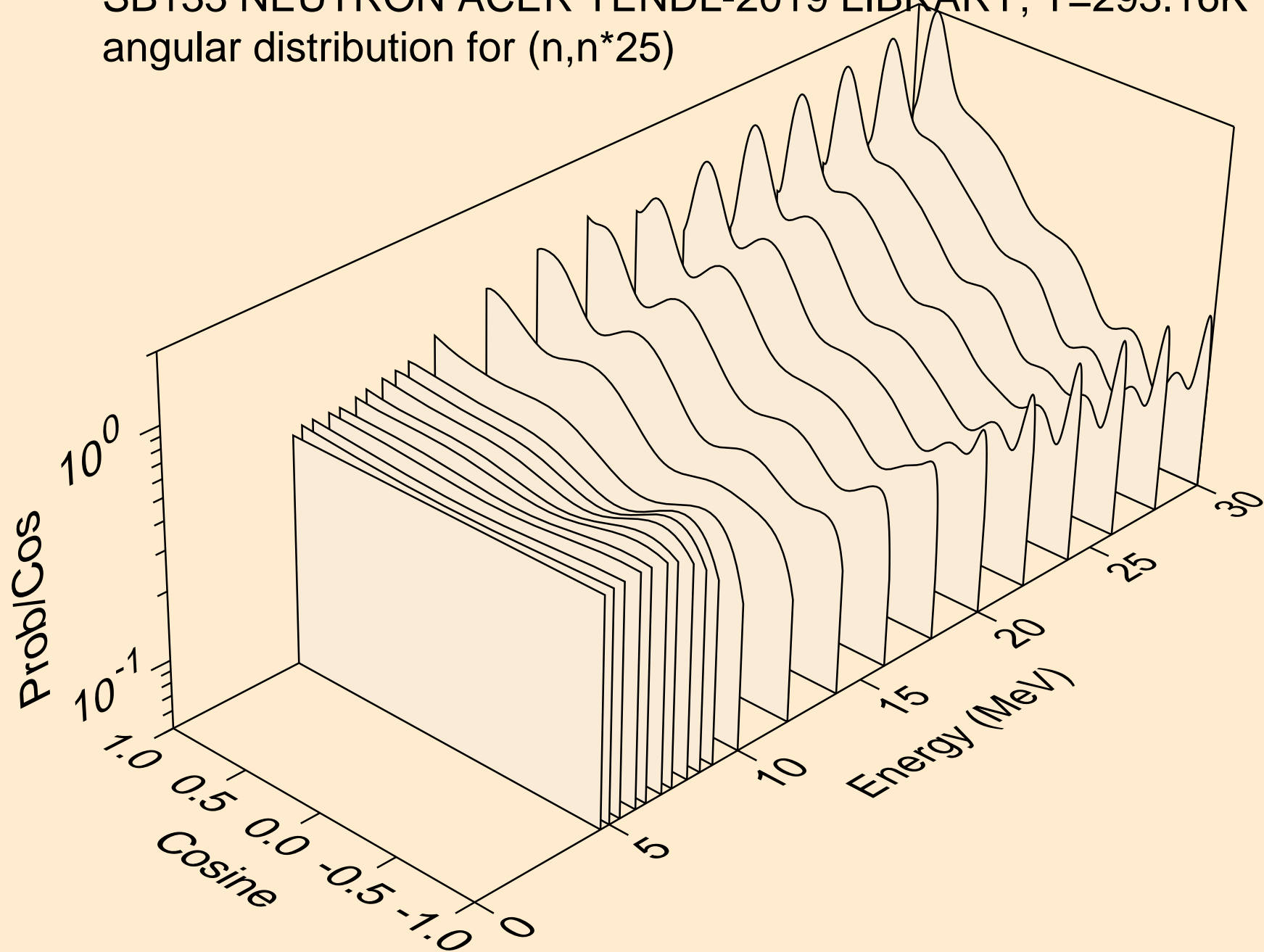
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angular distribution for (n,n\*23)



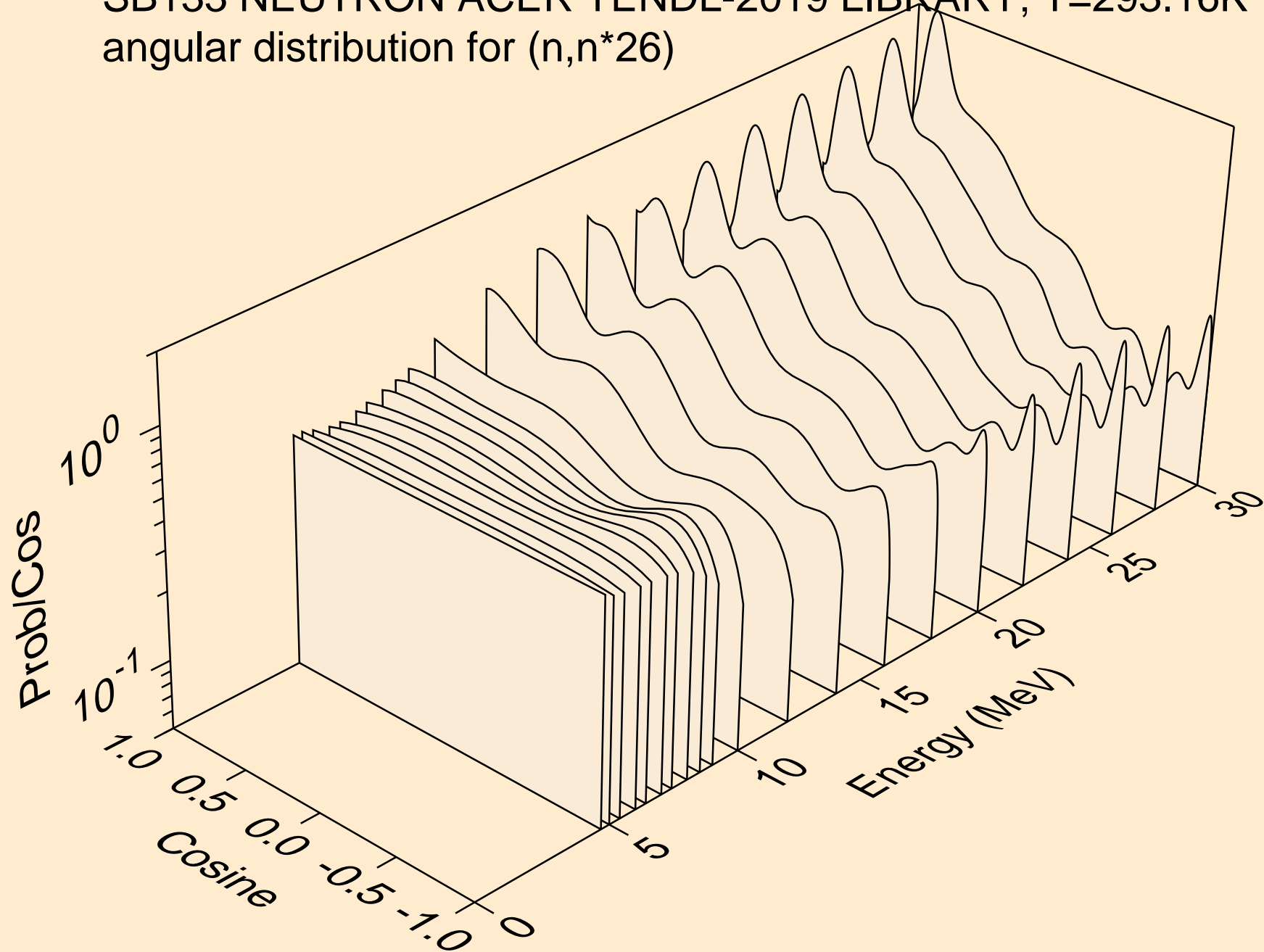
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angular distribution for (n,n\*24)



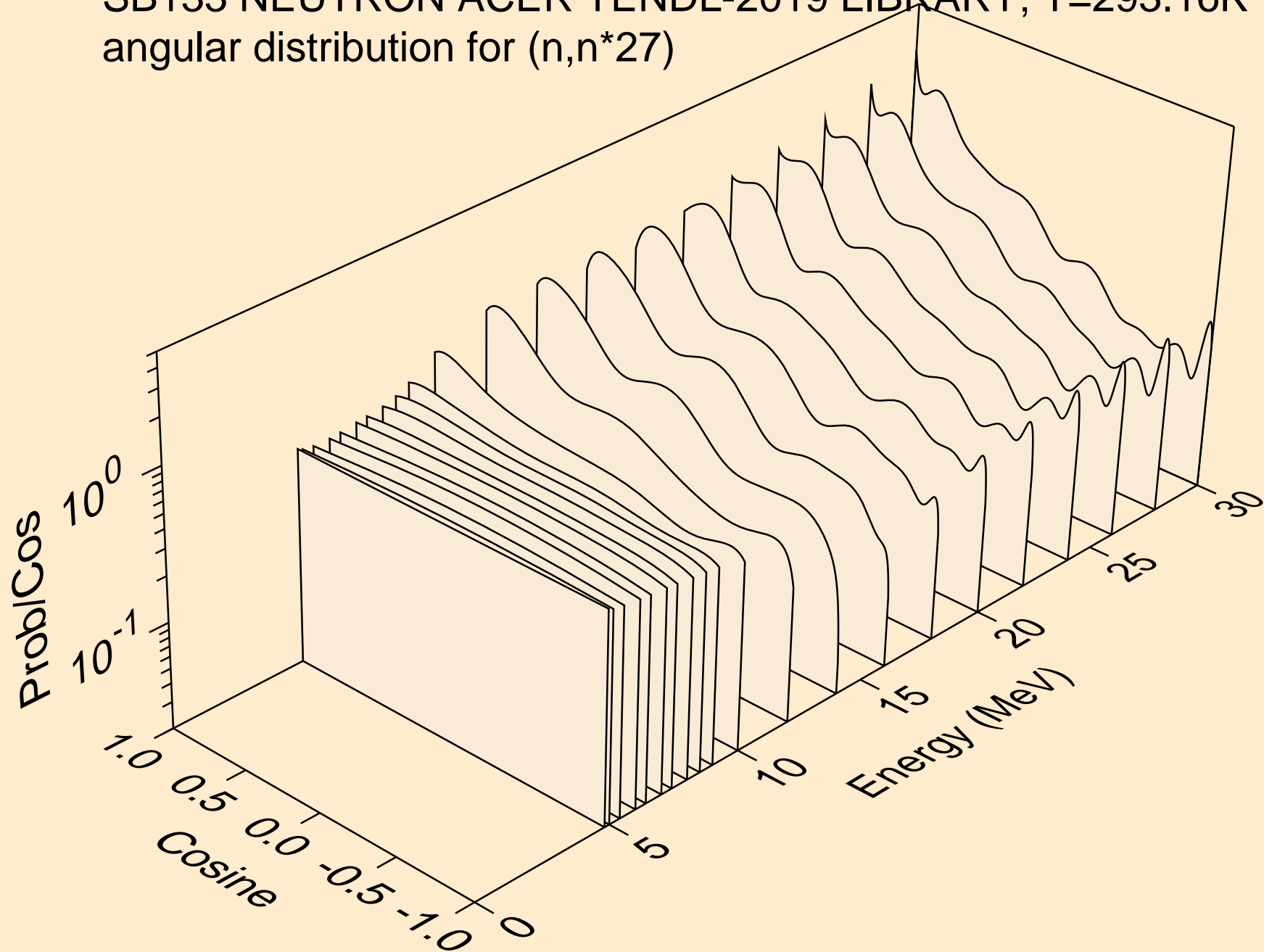
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)

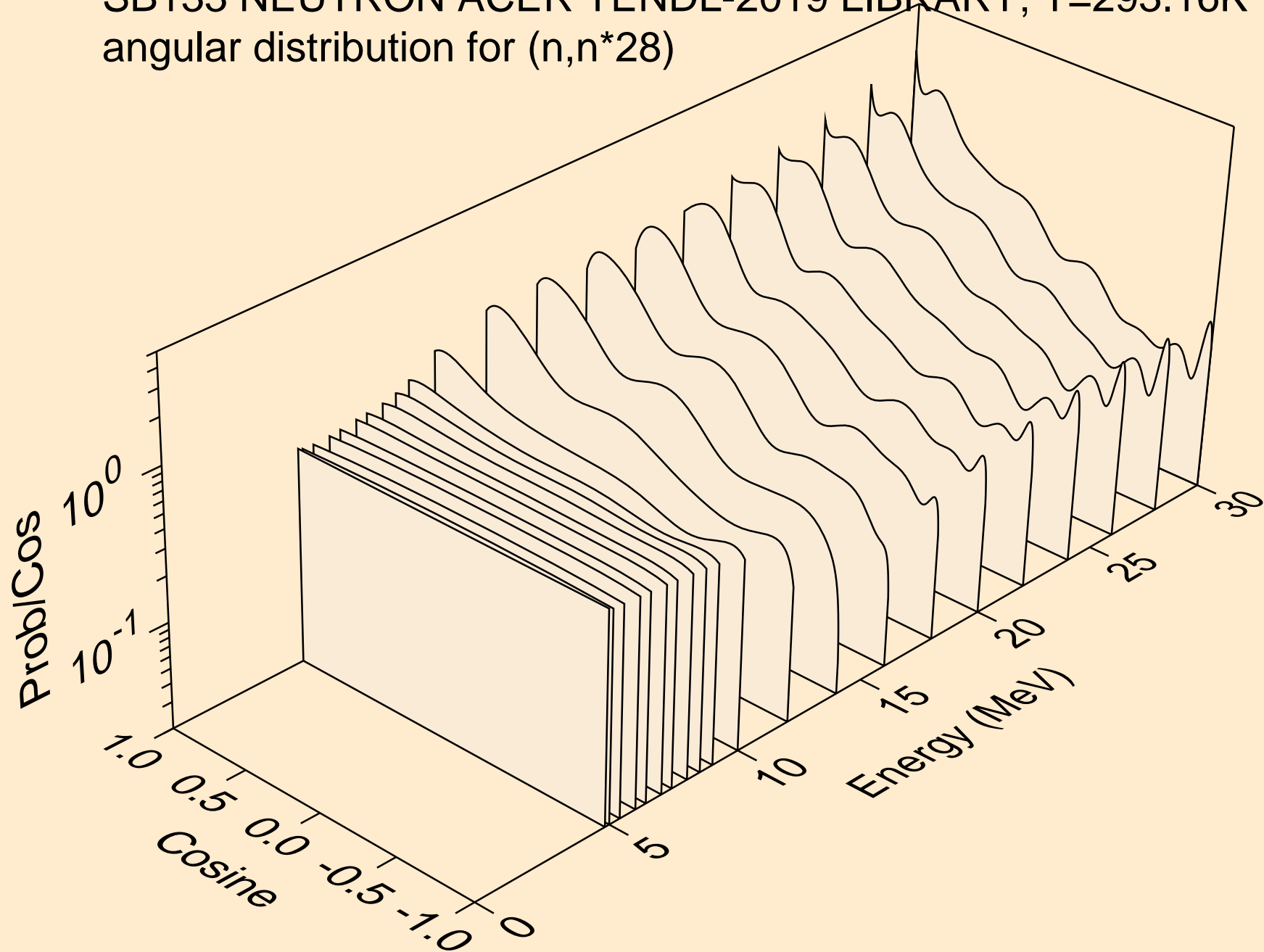


SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)

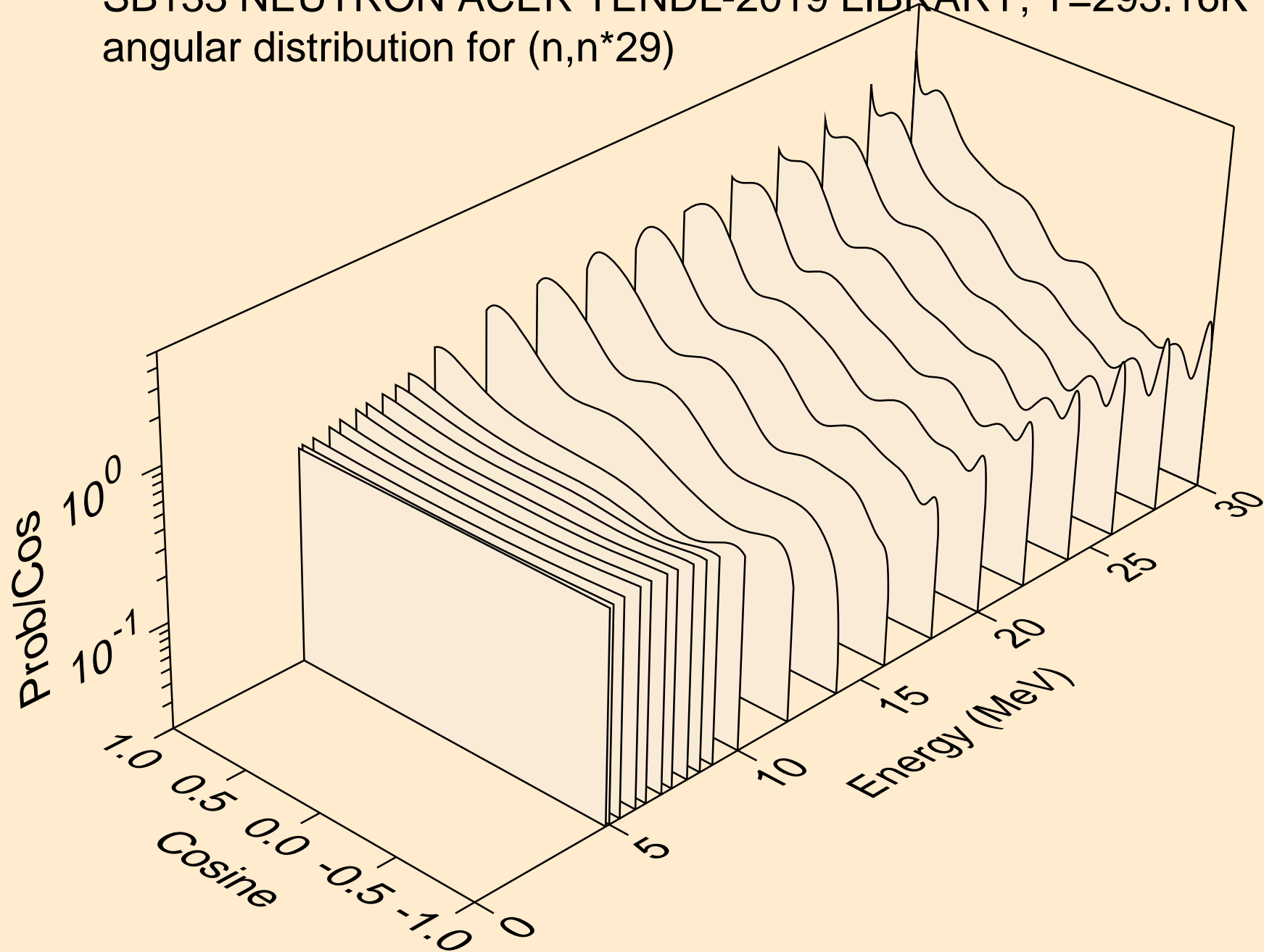




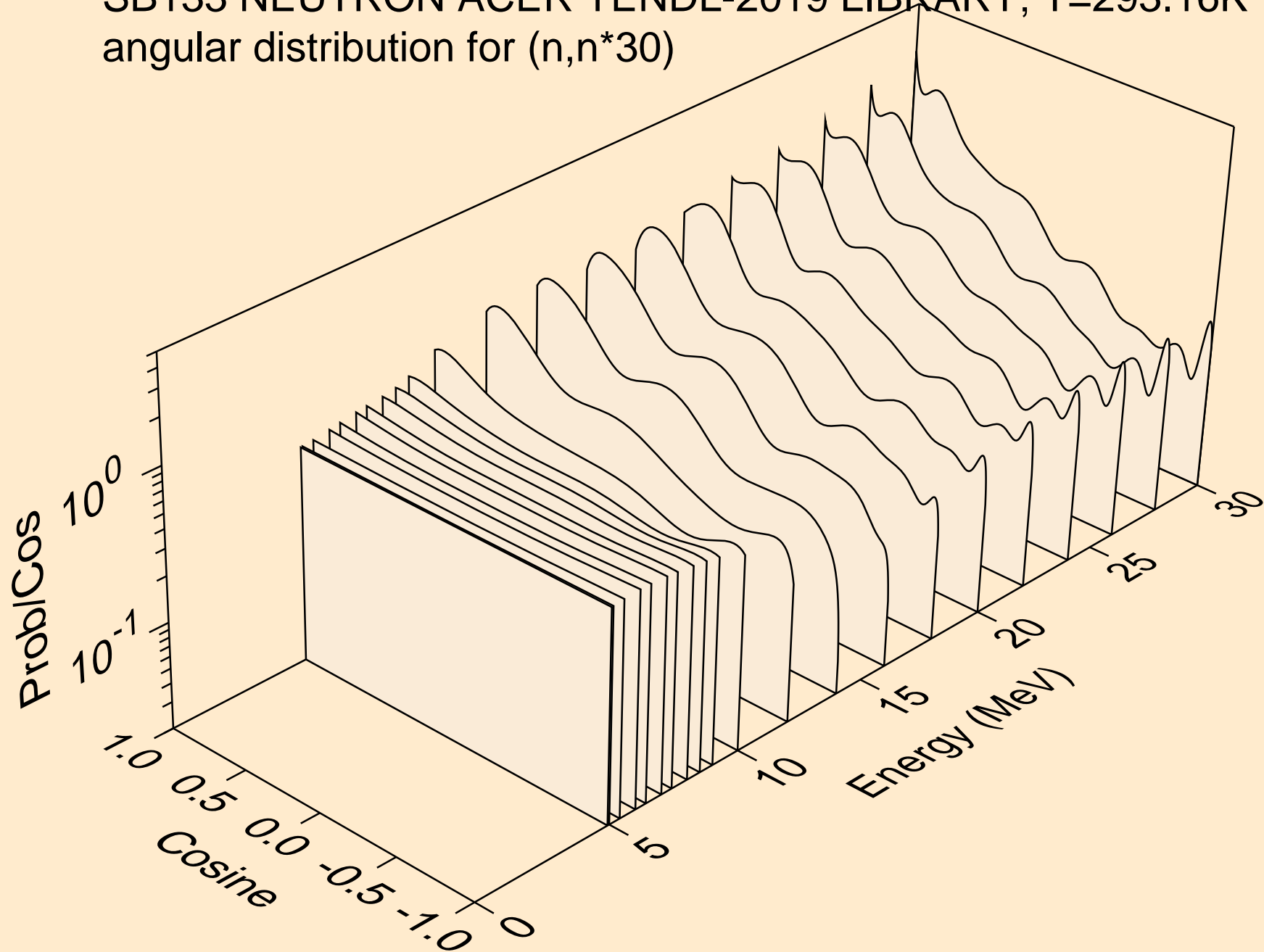
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angular distribution for (n,n\*28)



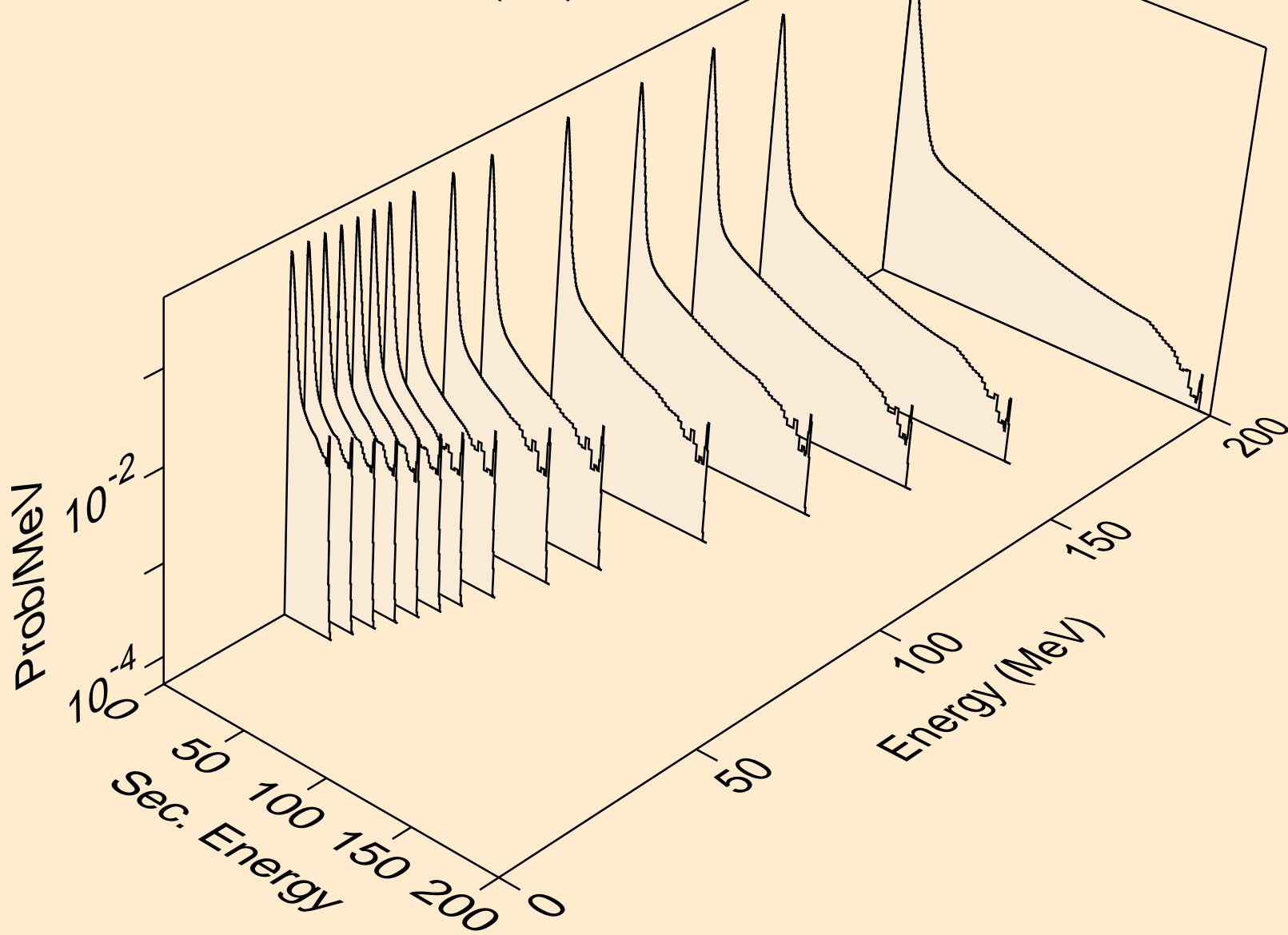
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angular distribution for (n,n\*29)



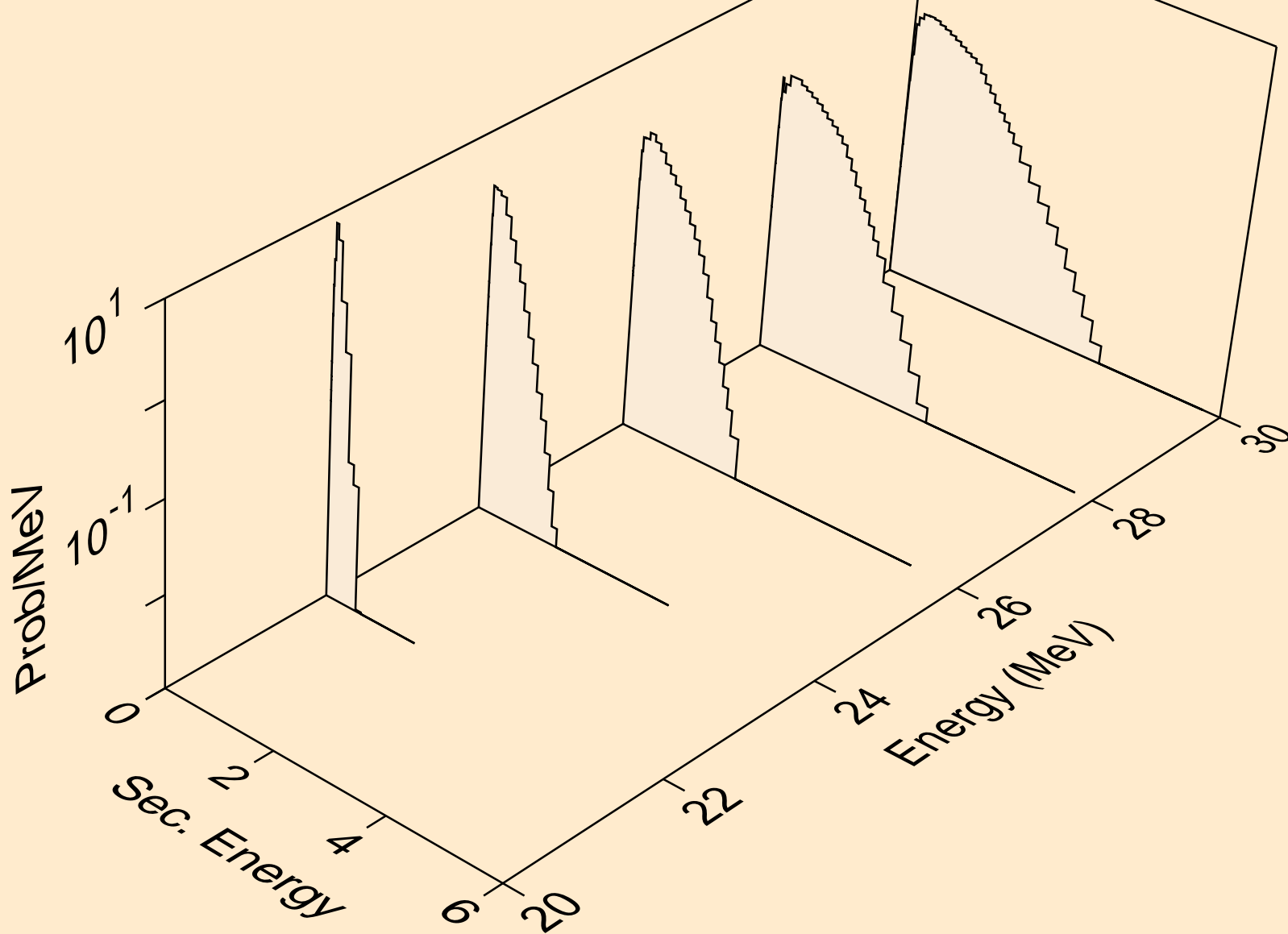
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angular distribution for (n,n\*30)



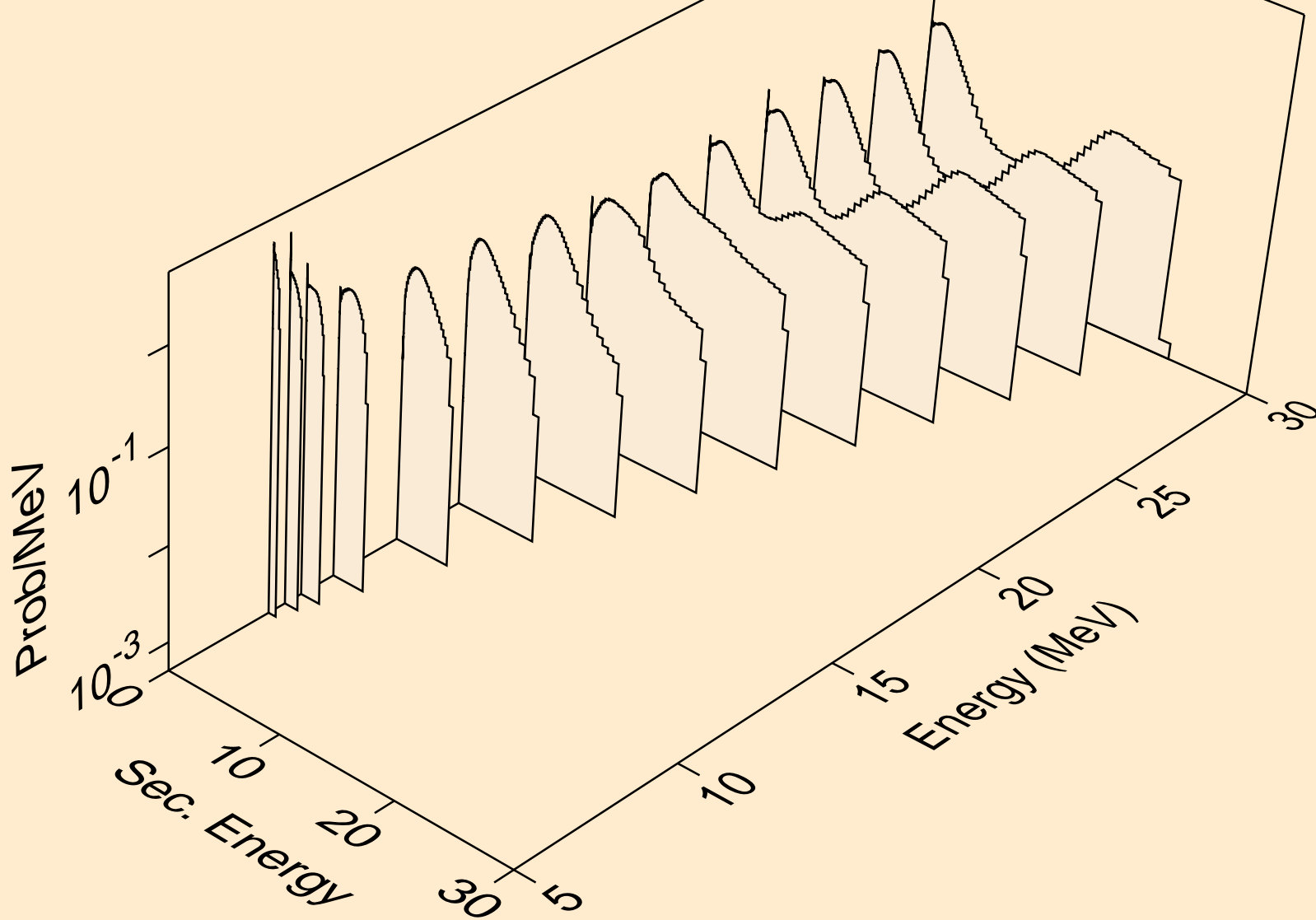
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Neutron emission for (n,x)



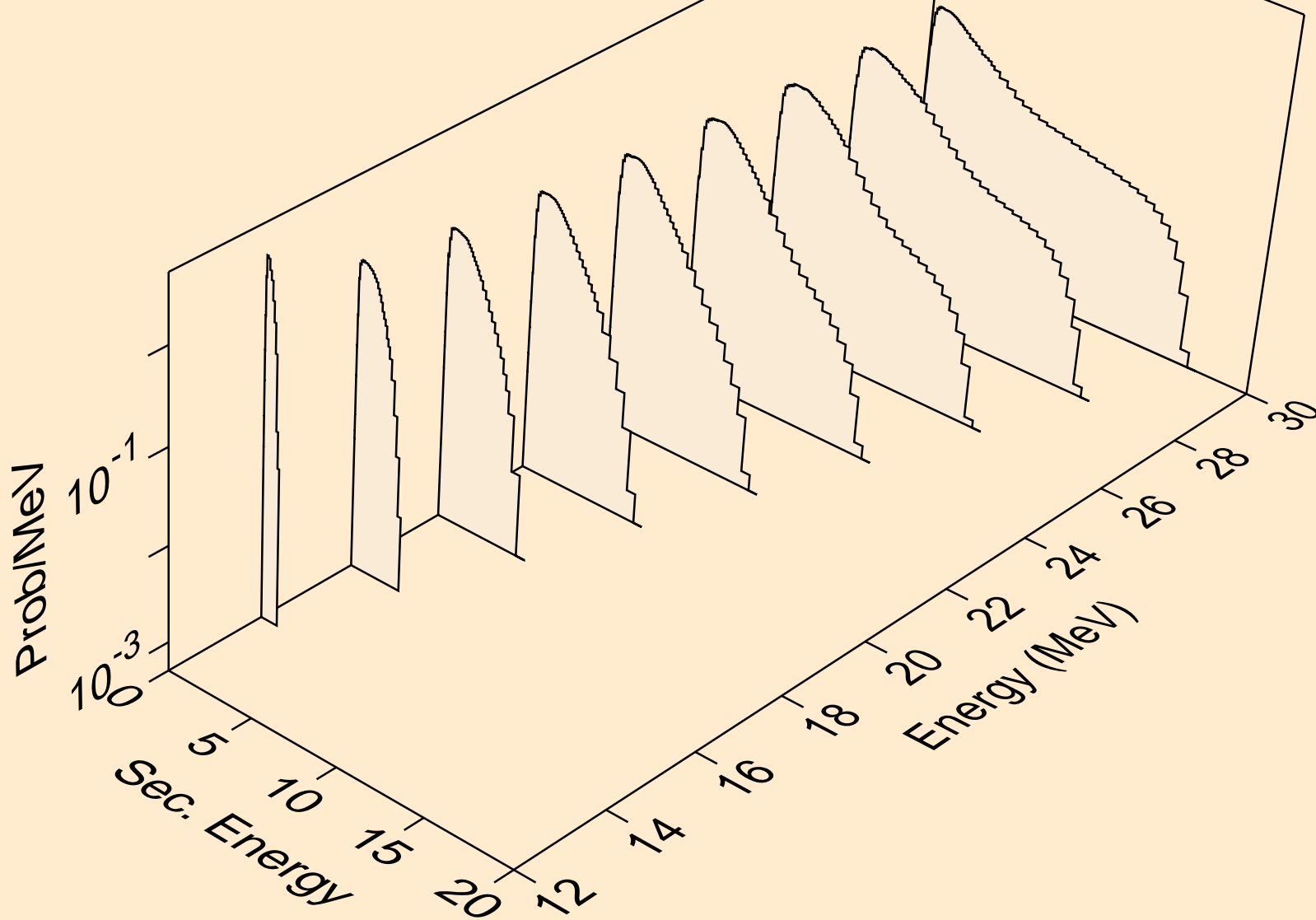
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



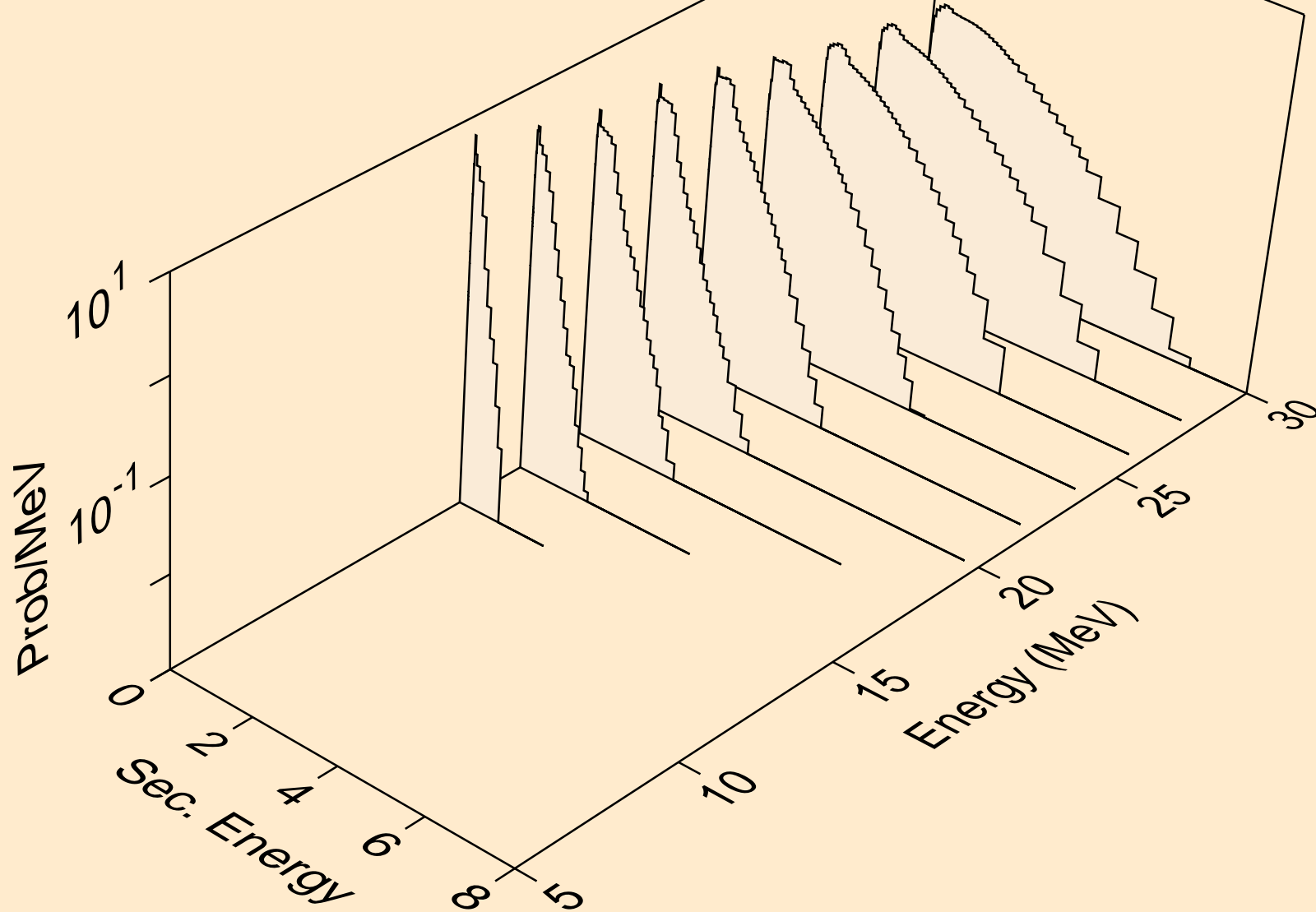
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)

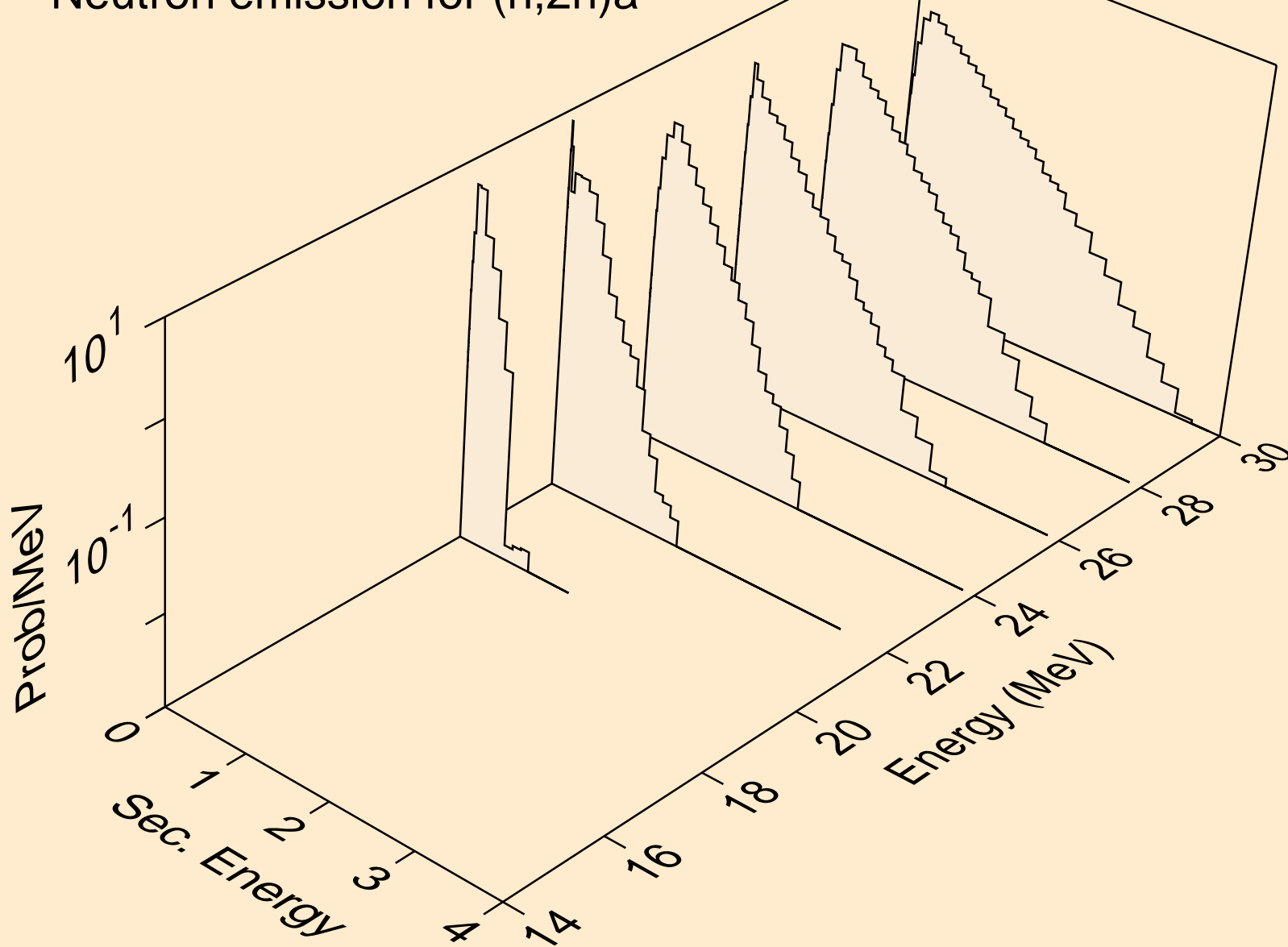


SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a

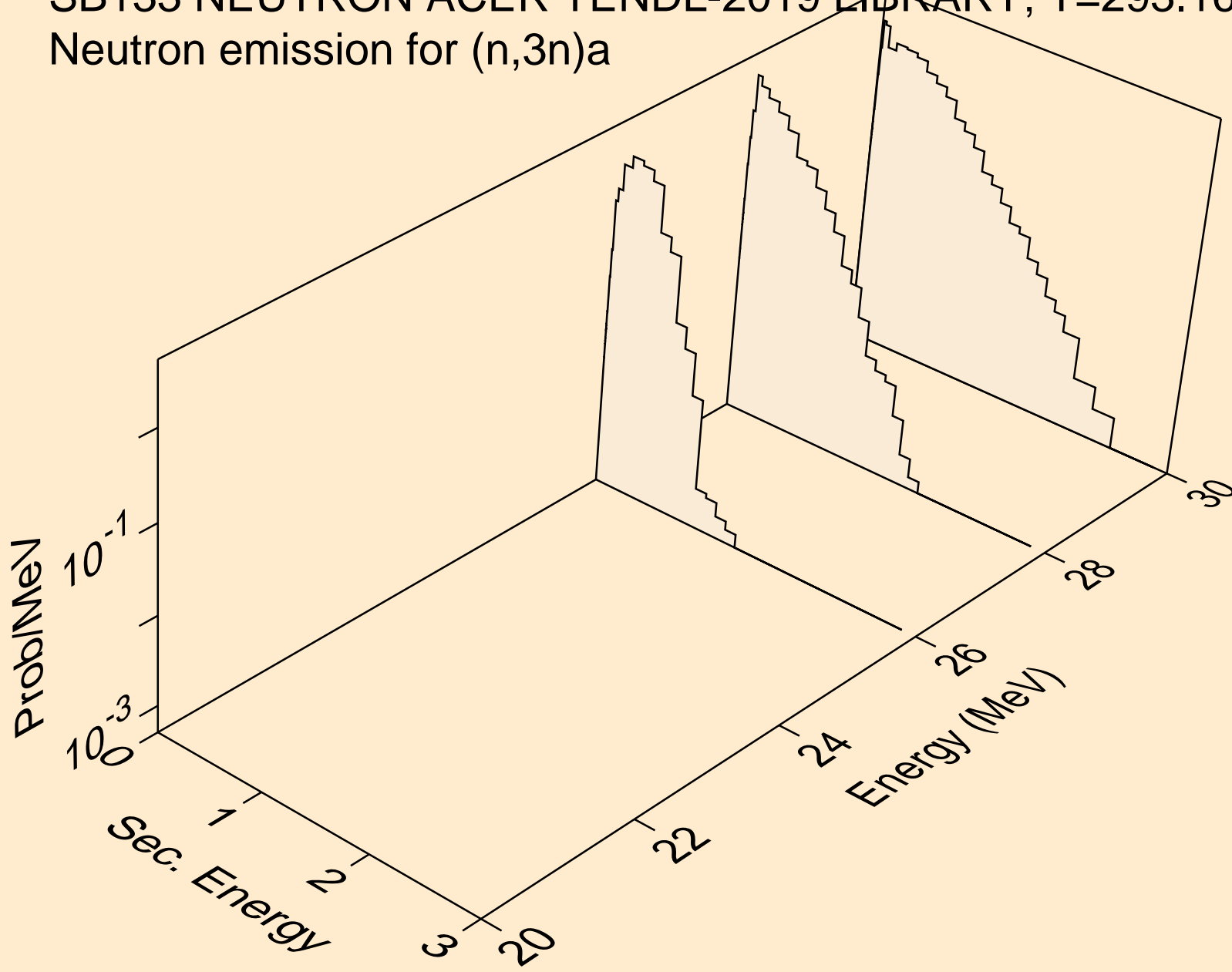




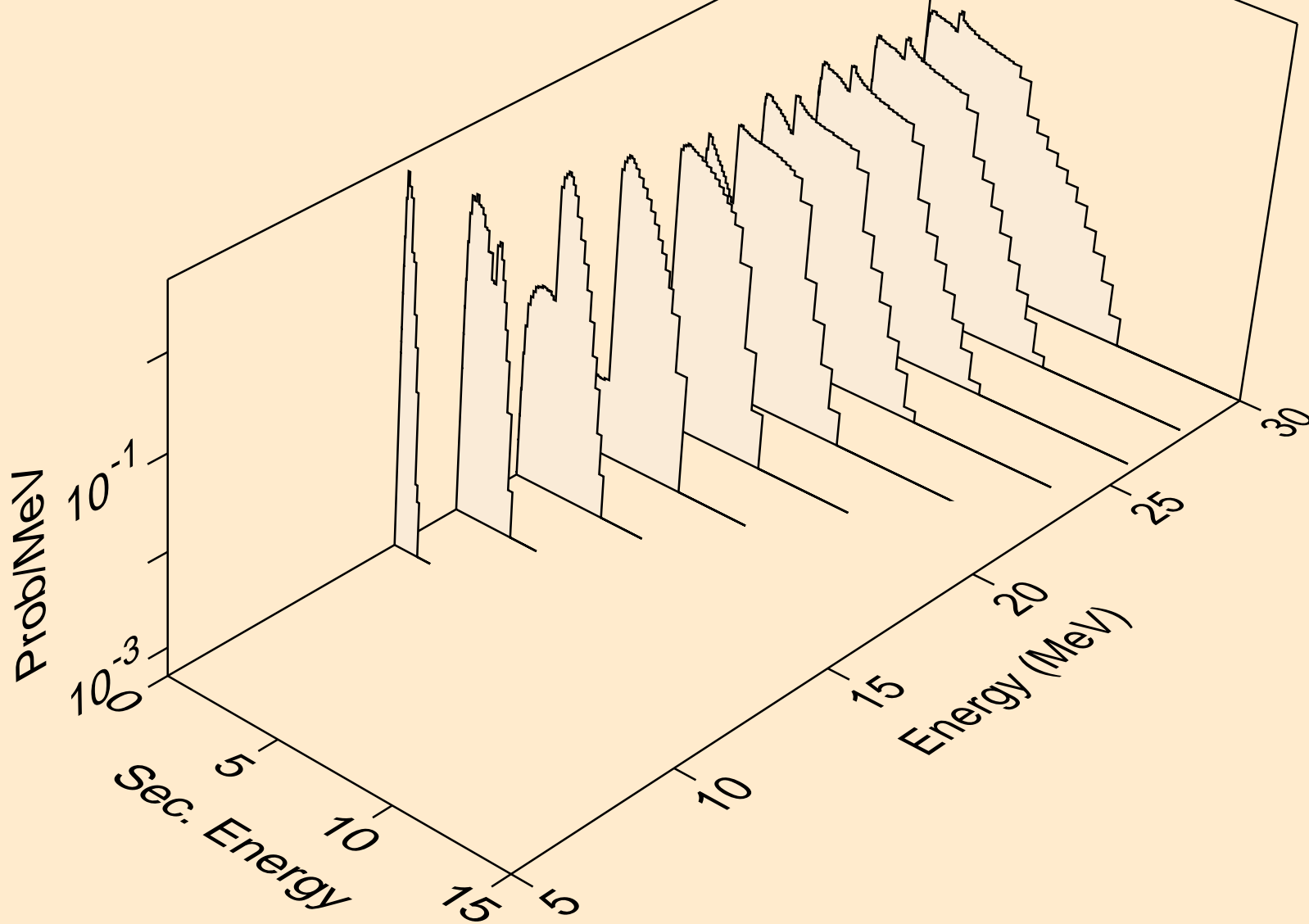
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Neutron emission for (n,2n)a



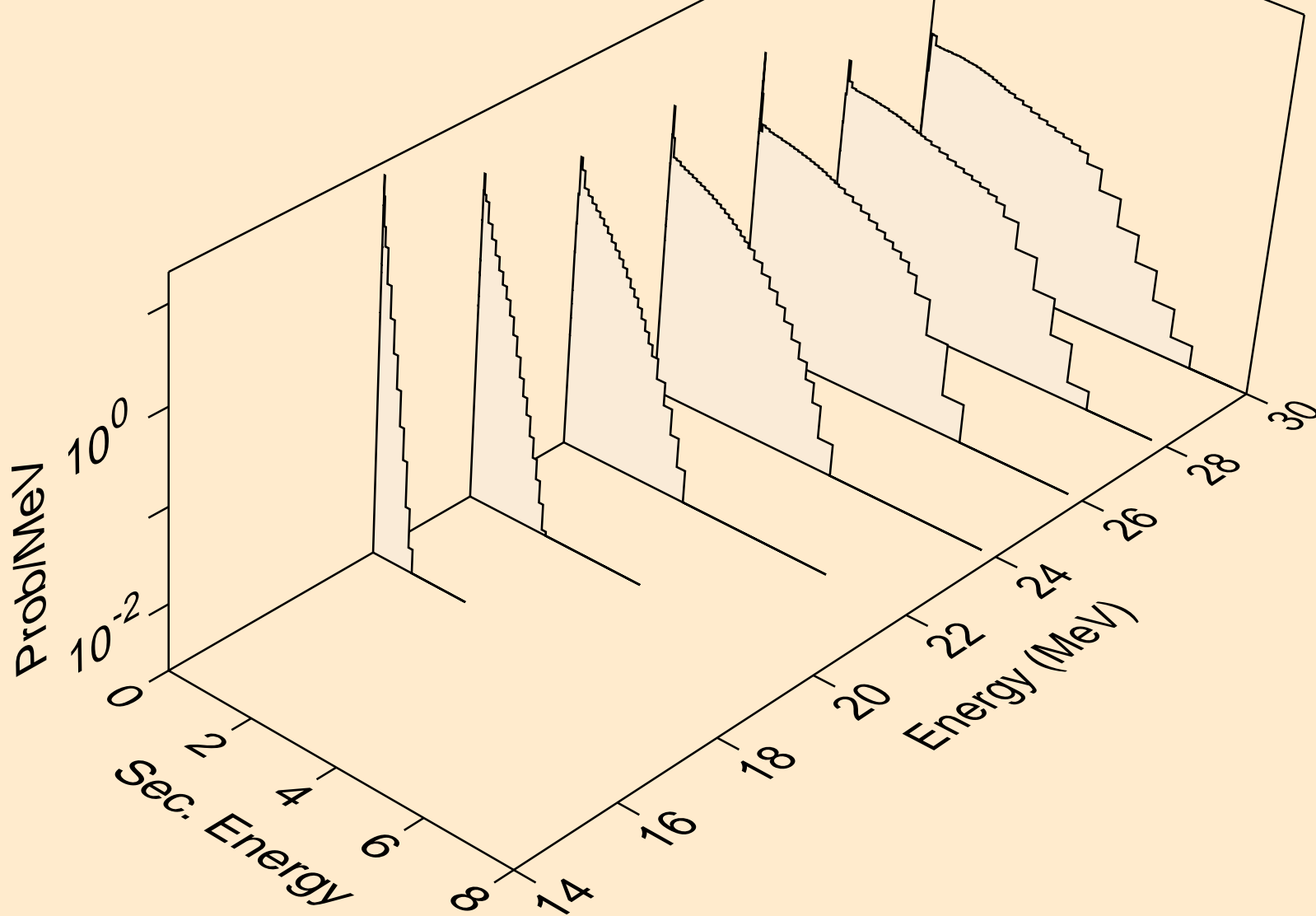
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Neutron emission for (n,3n)a



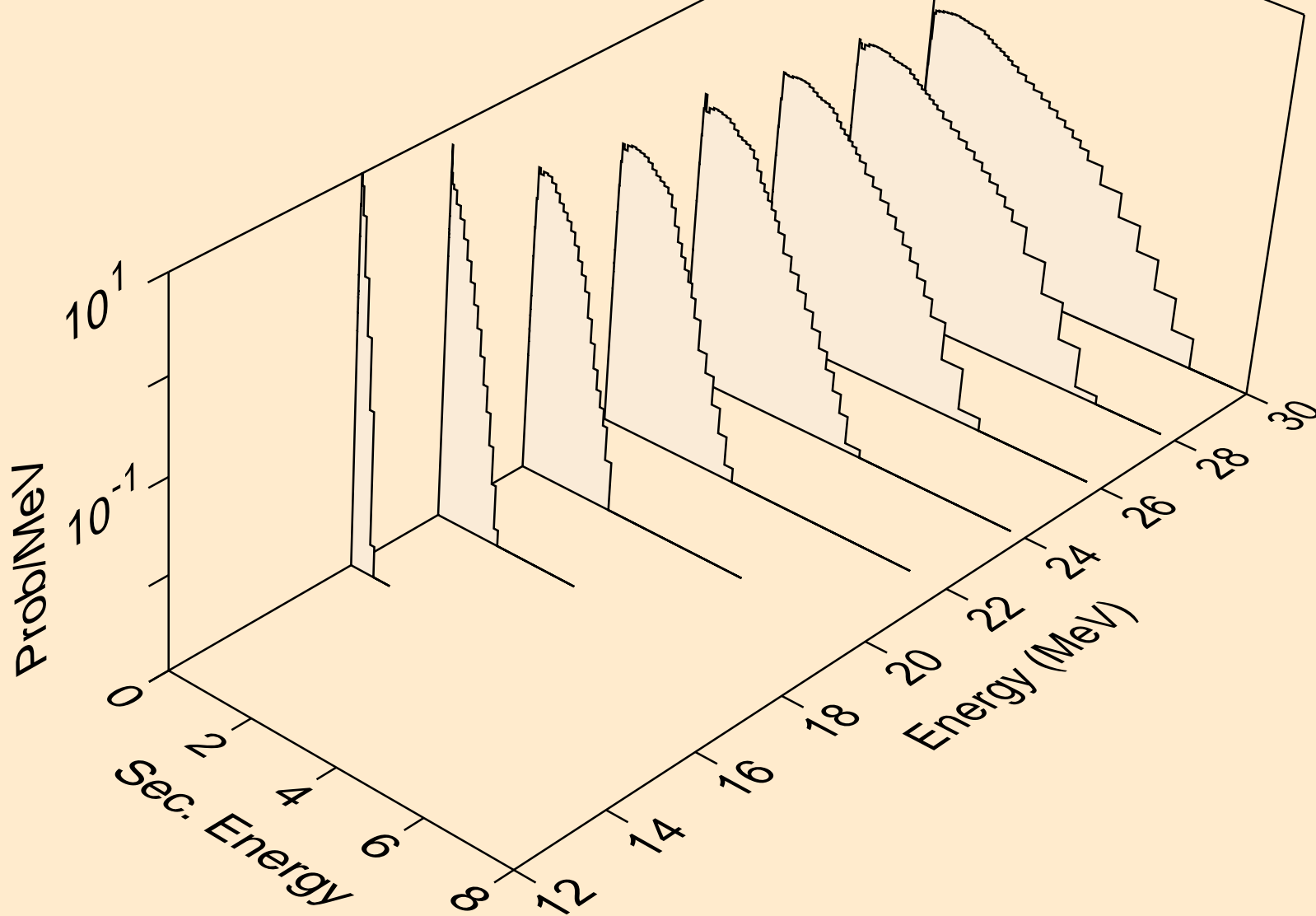
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



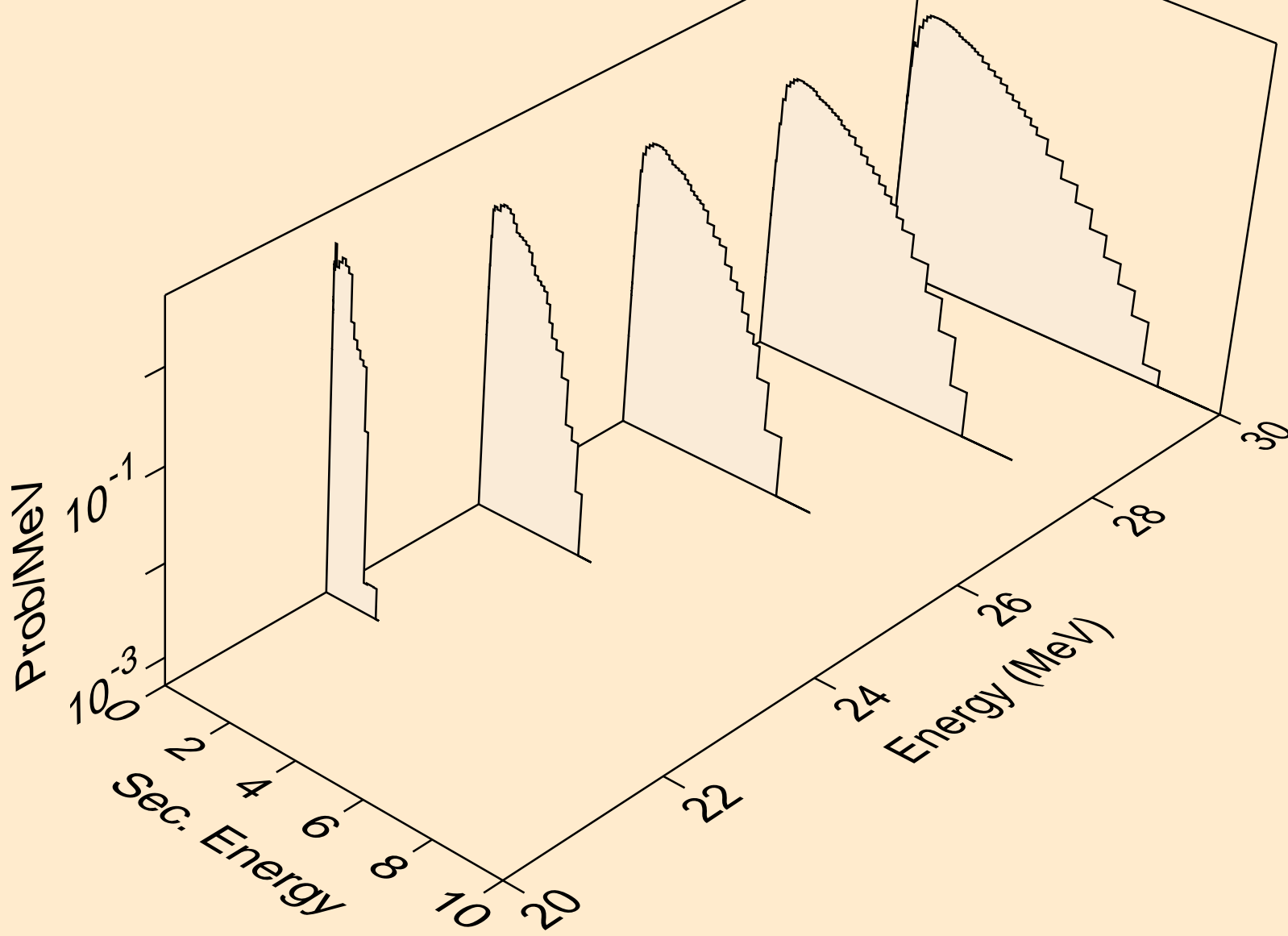
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



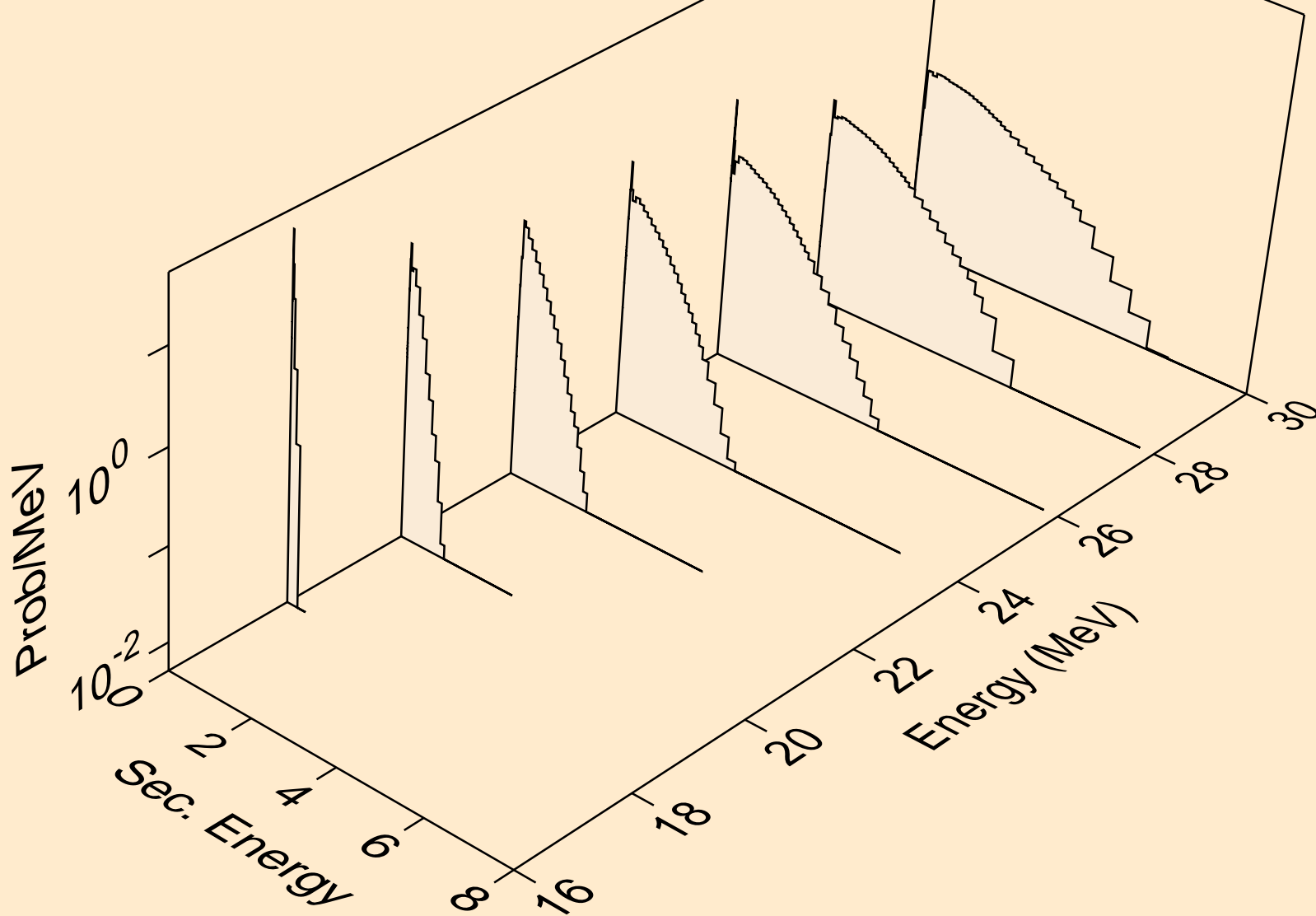
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Neutron emission for (n,n\*)t



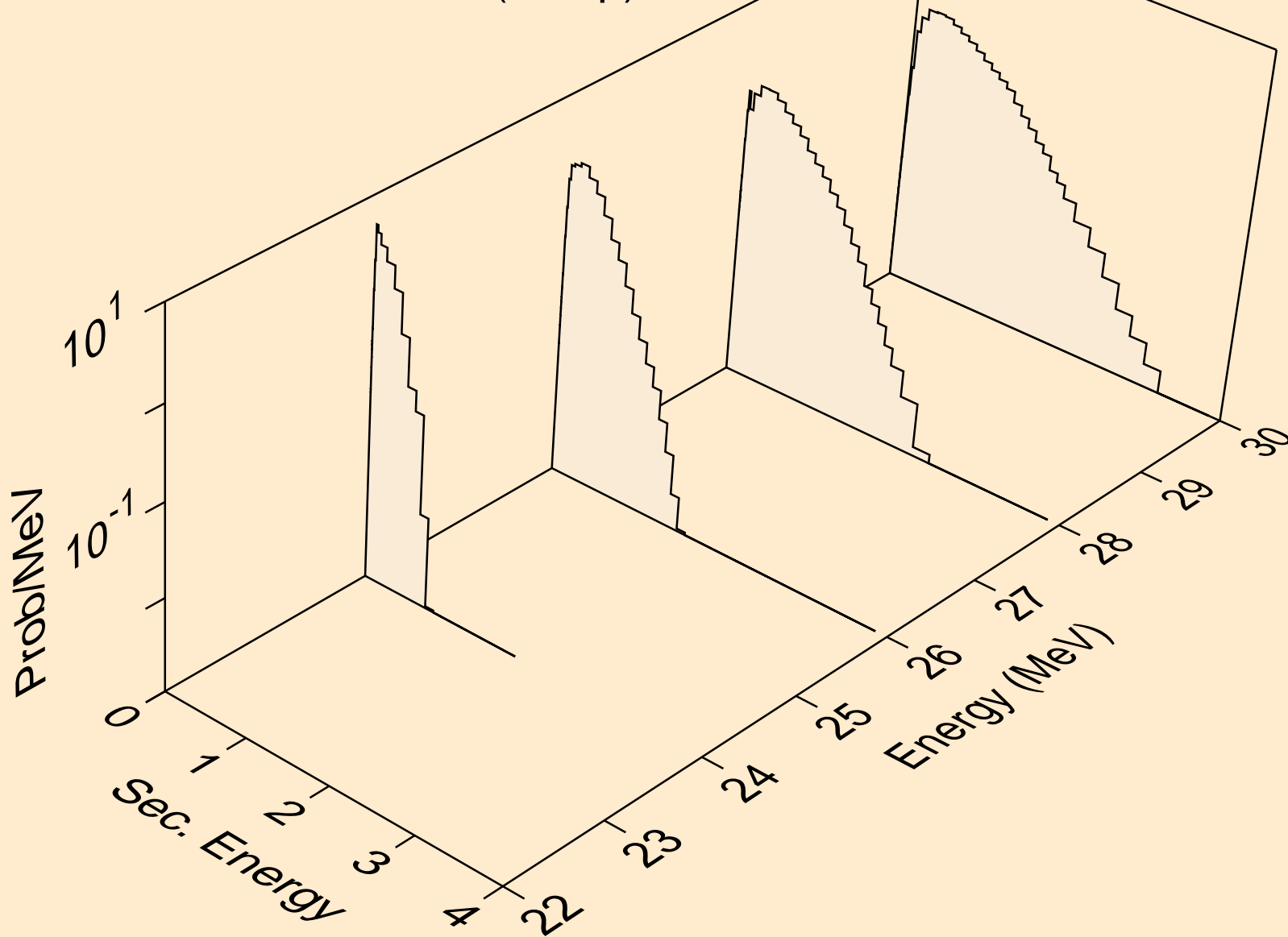
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

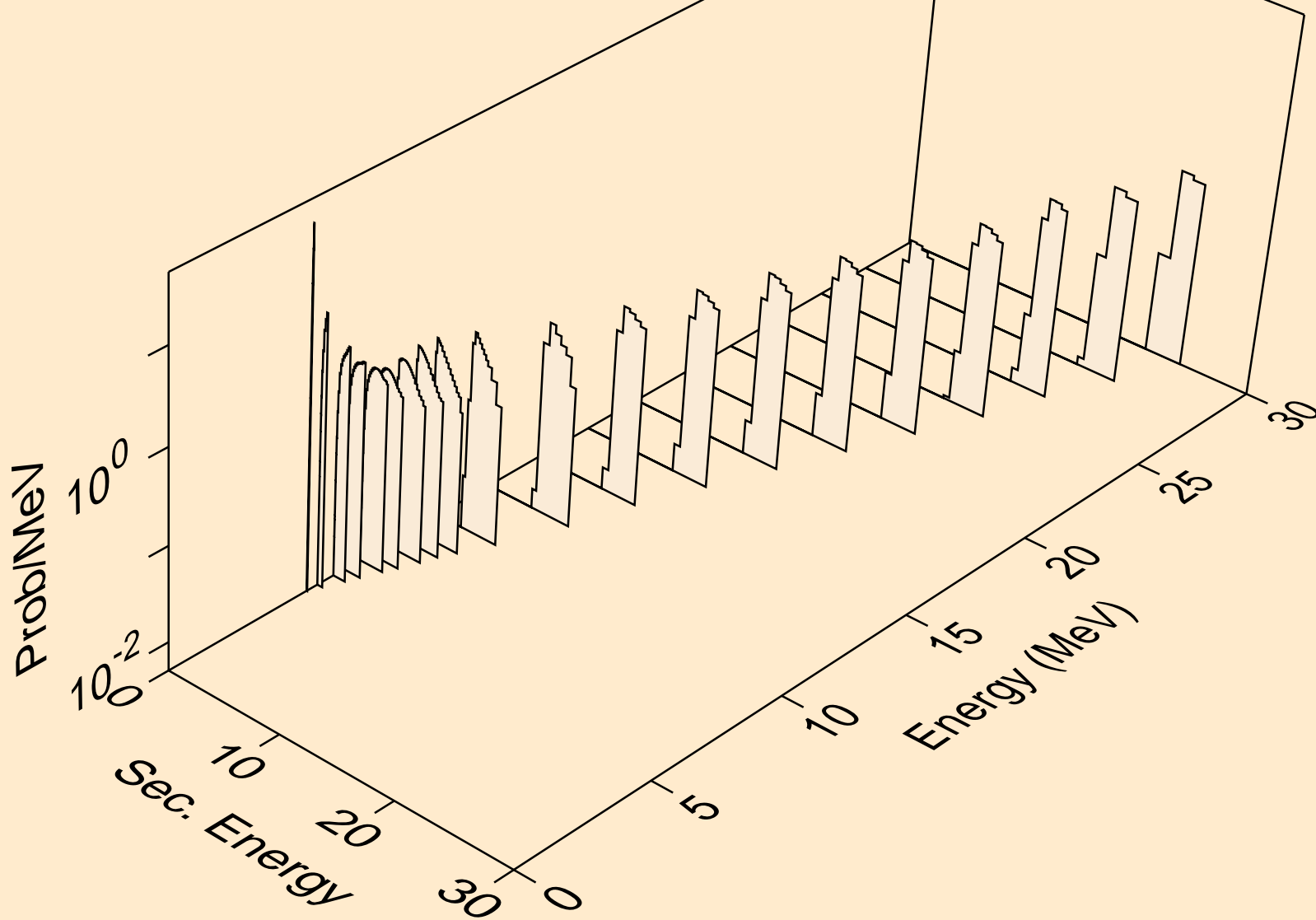


SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

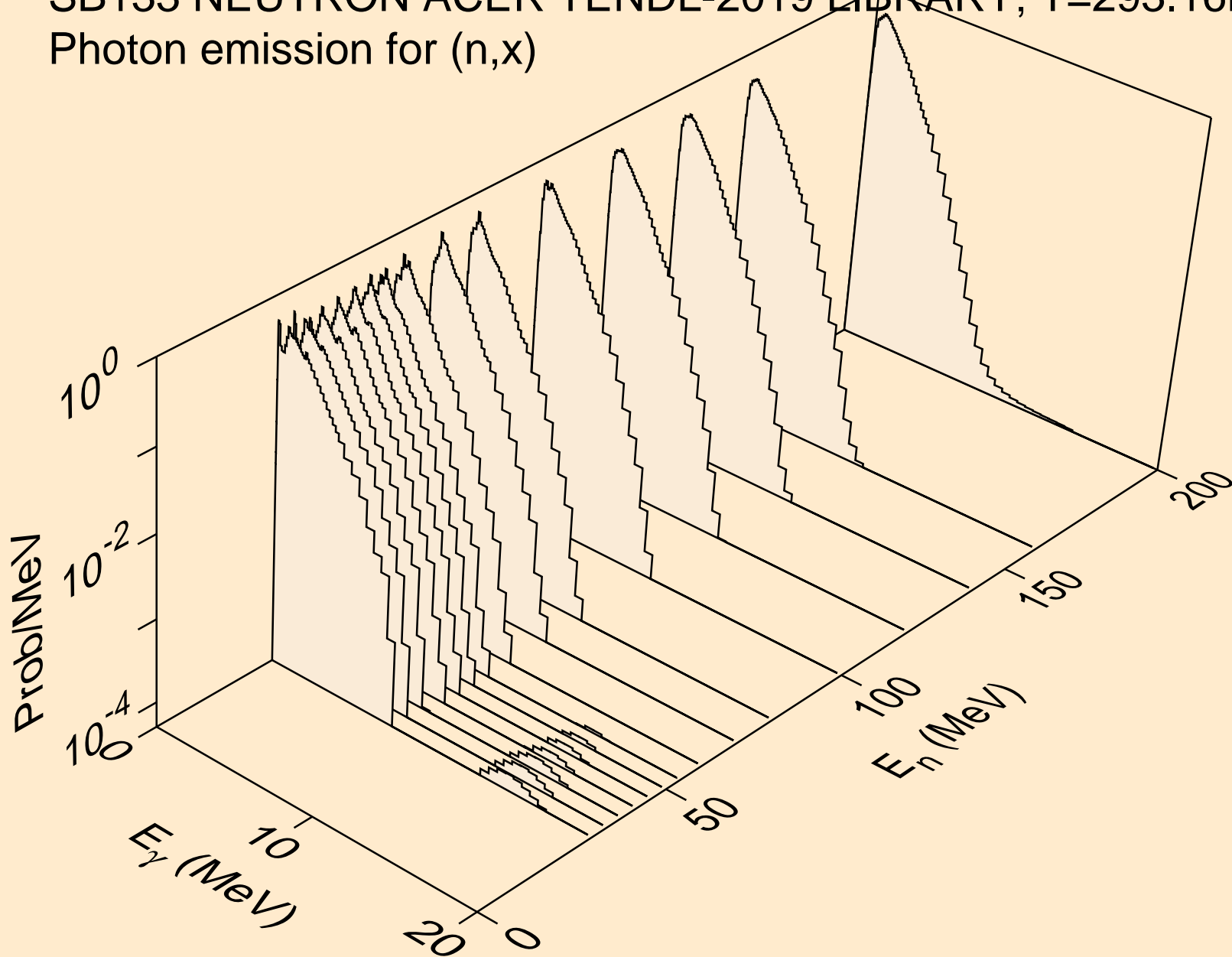




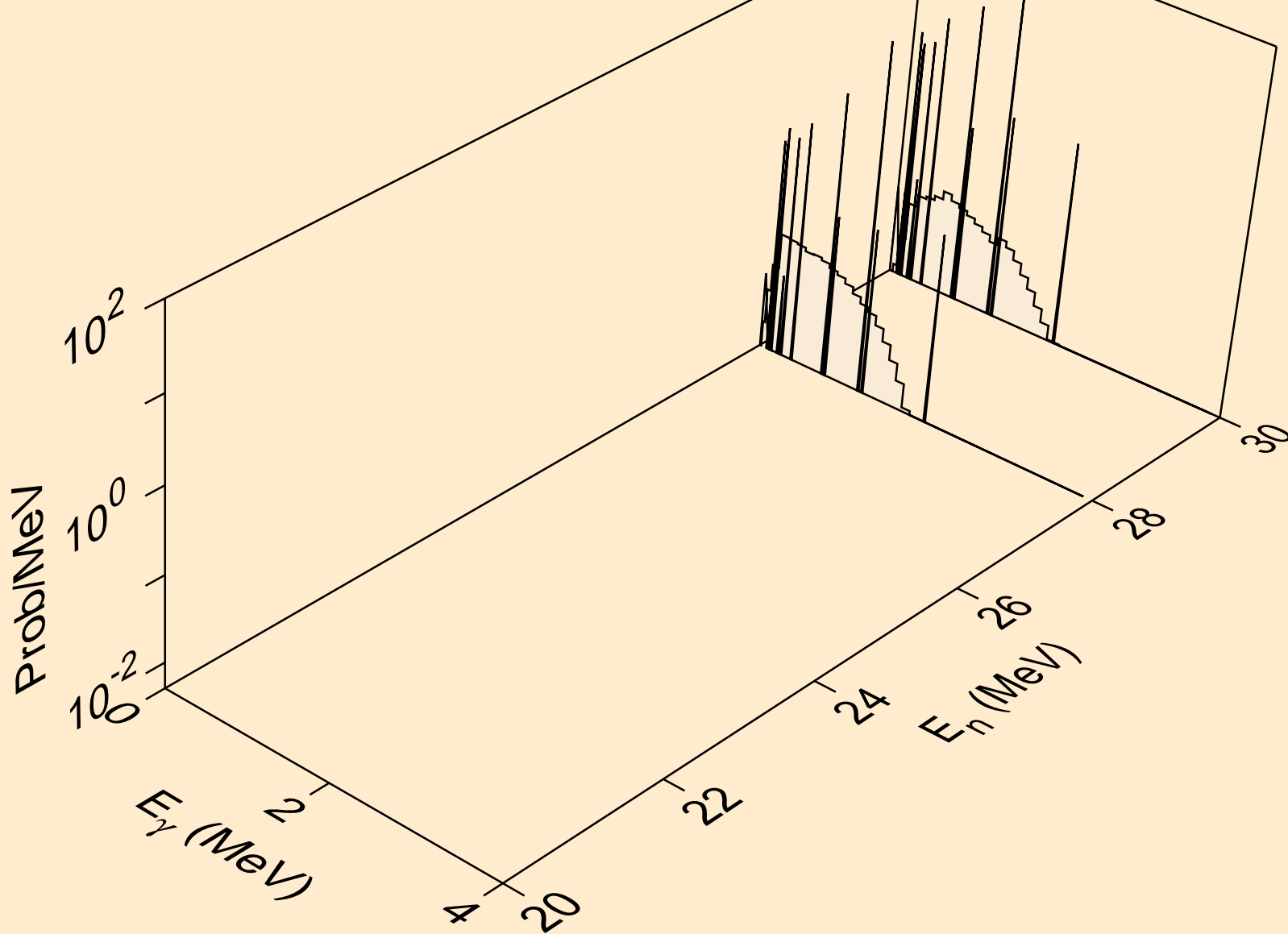
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Neutron emission for (n,n\*c)



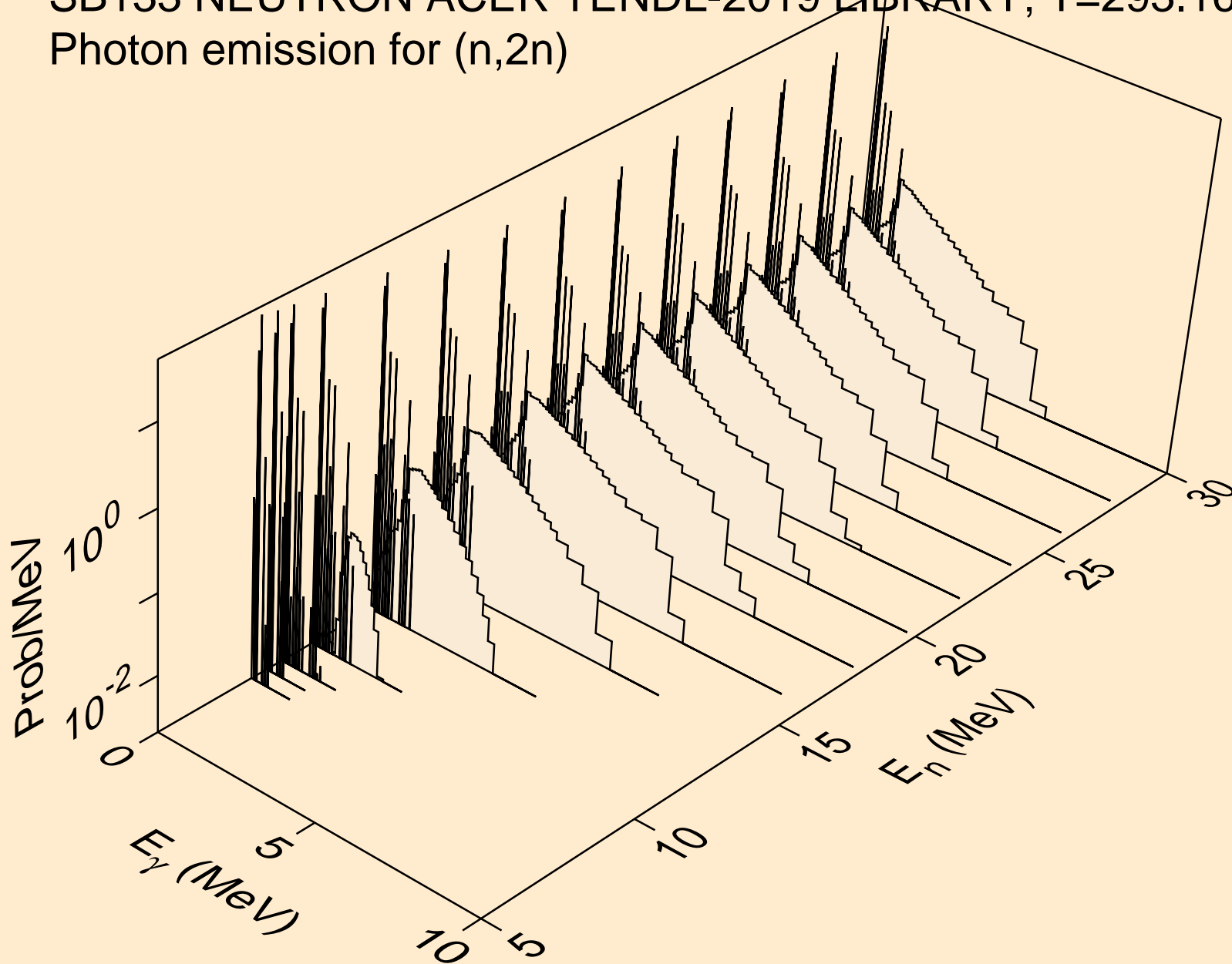
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Photon emission for (n,x)



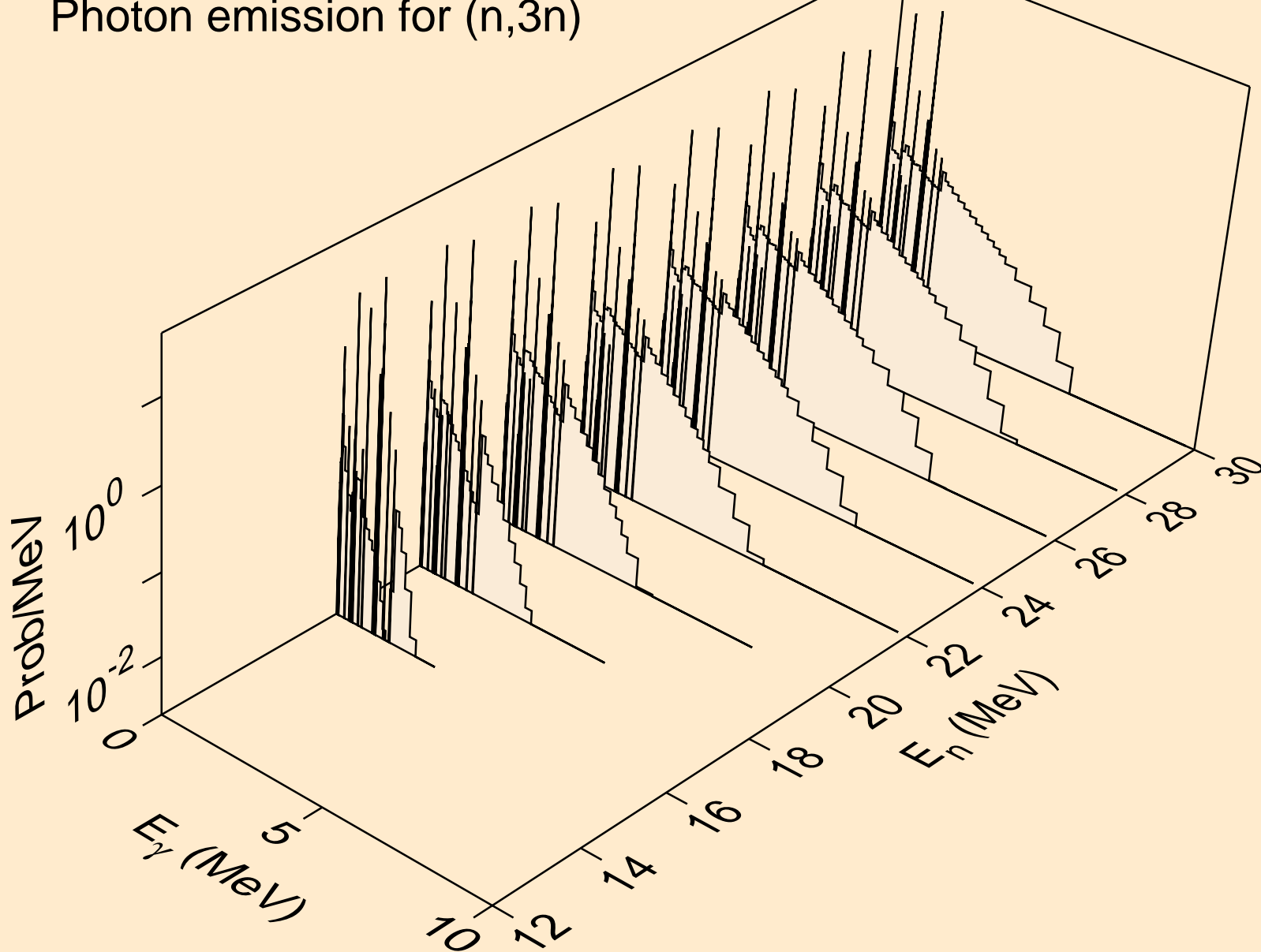
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



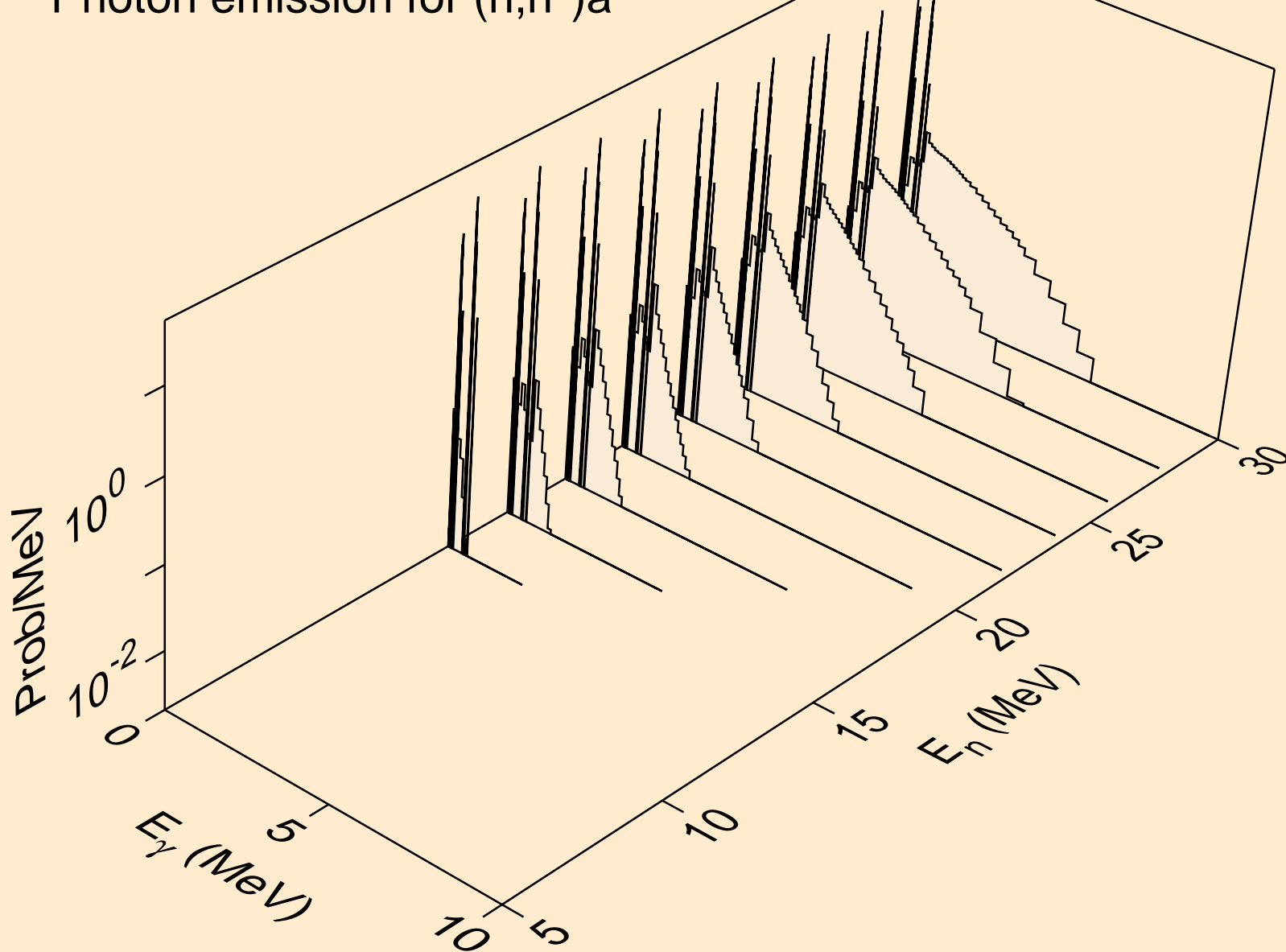
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



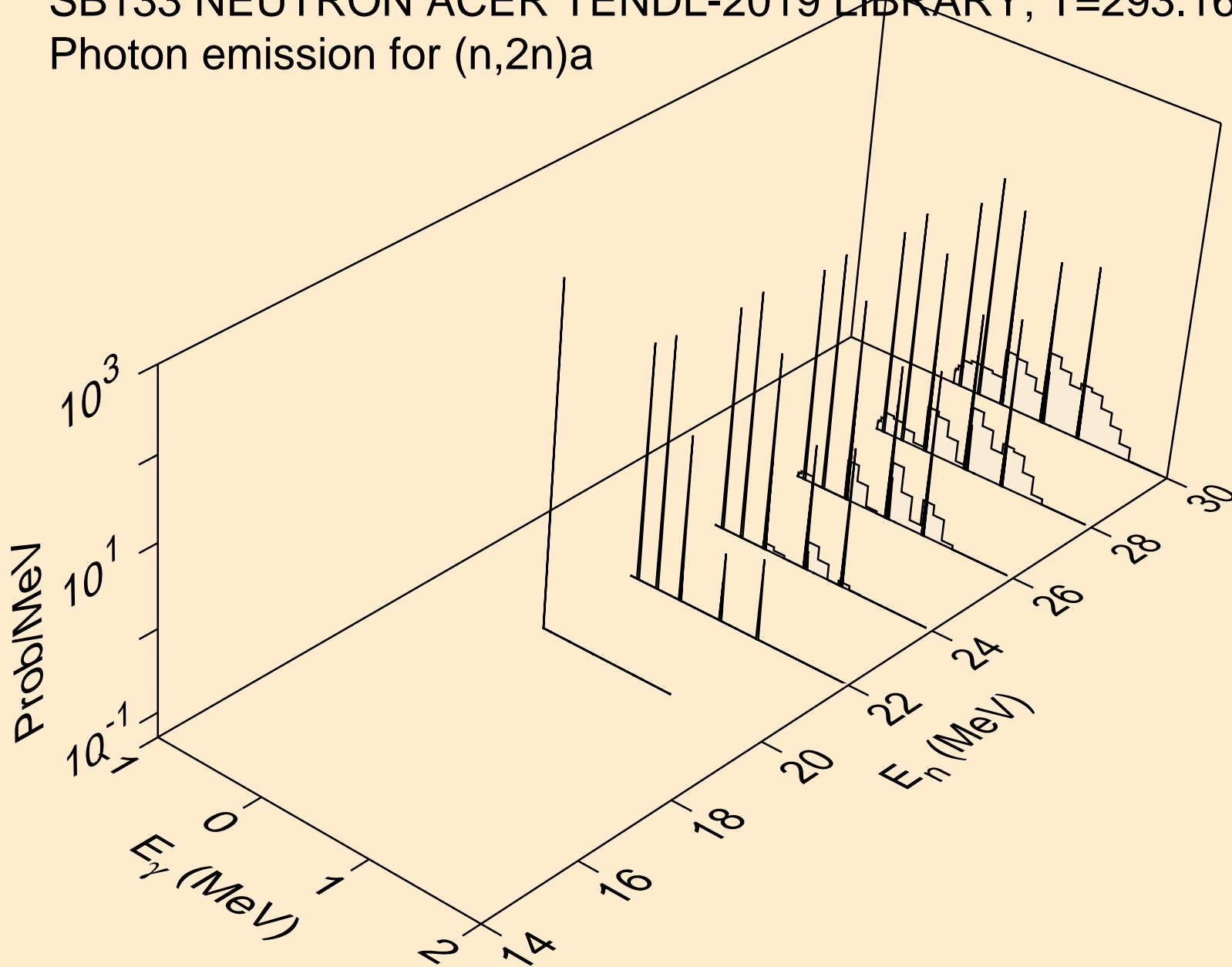
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



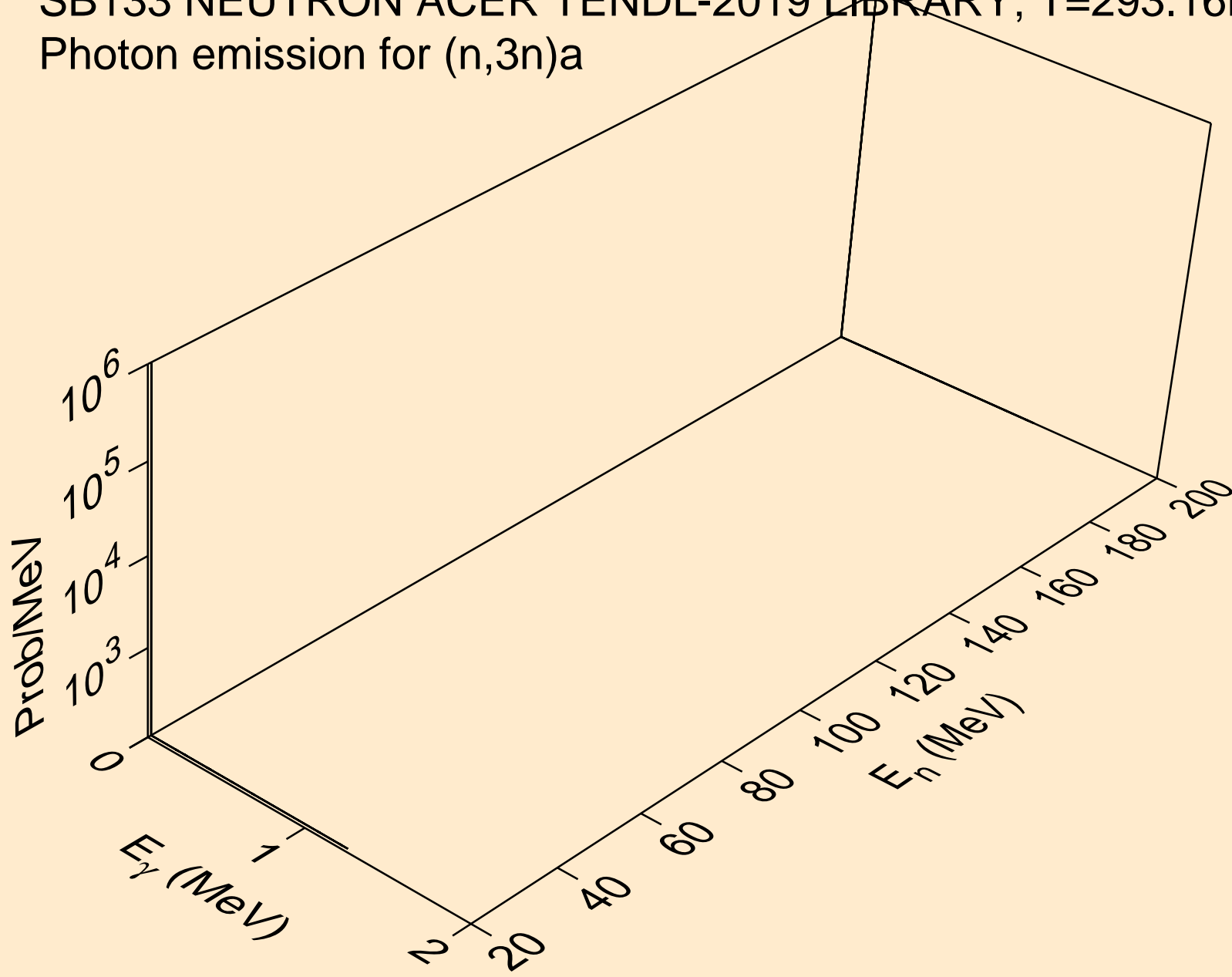
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a

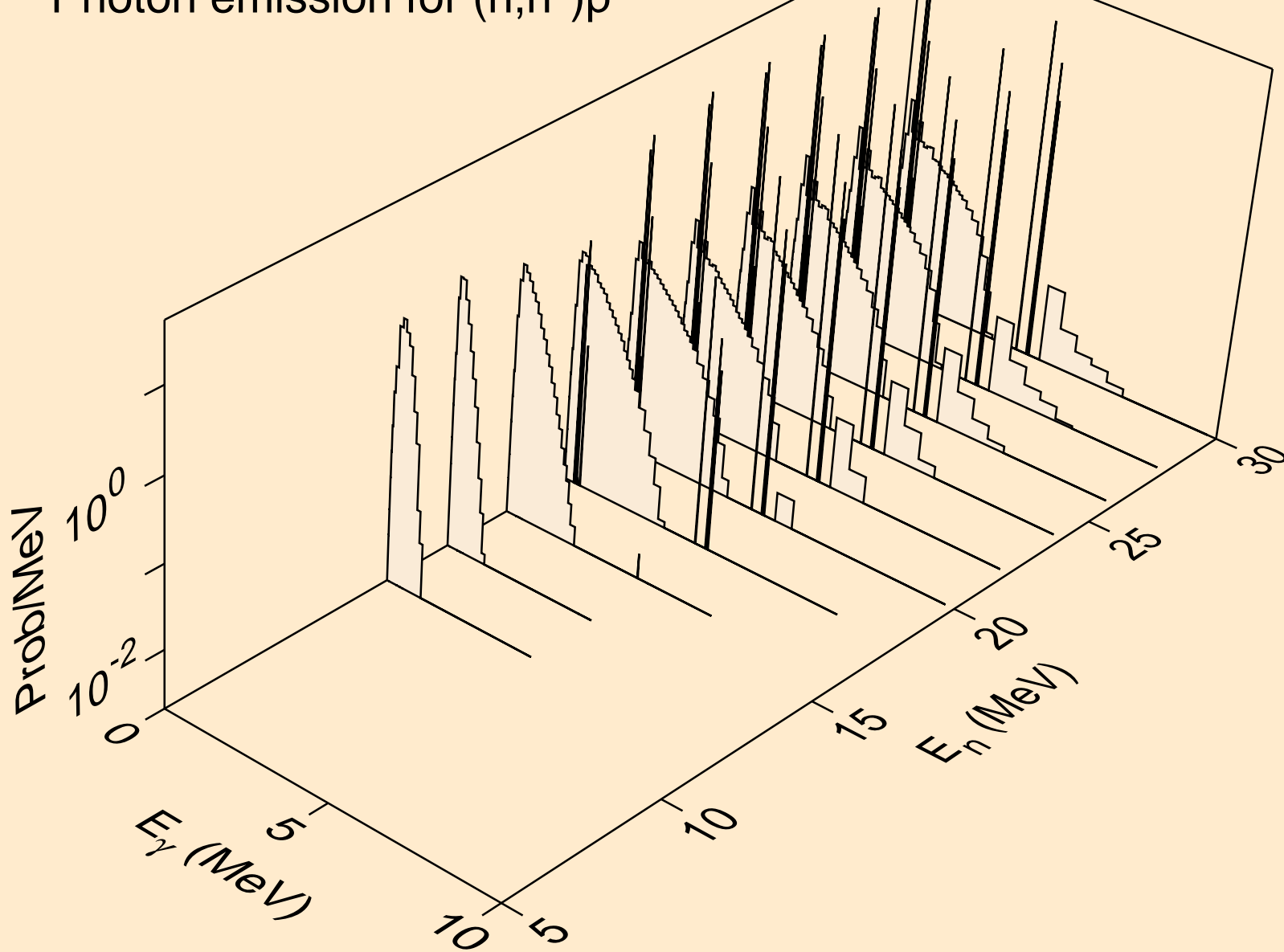


SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

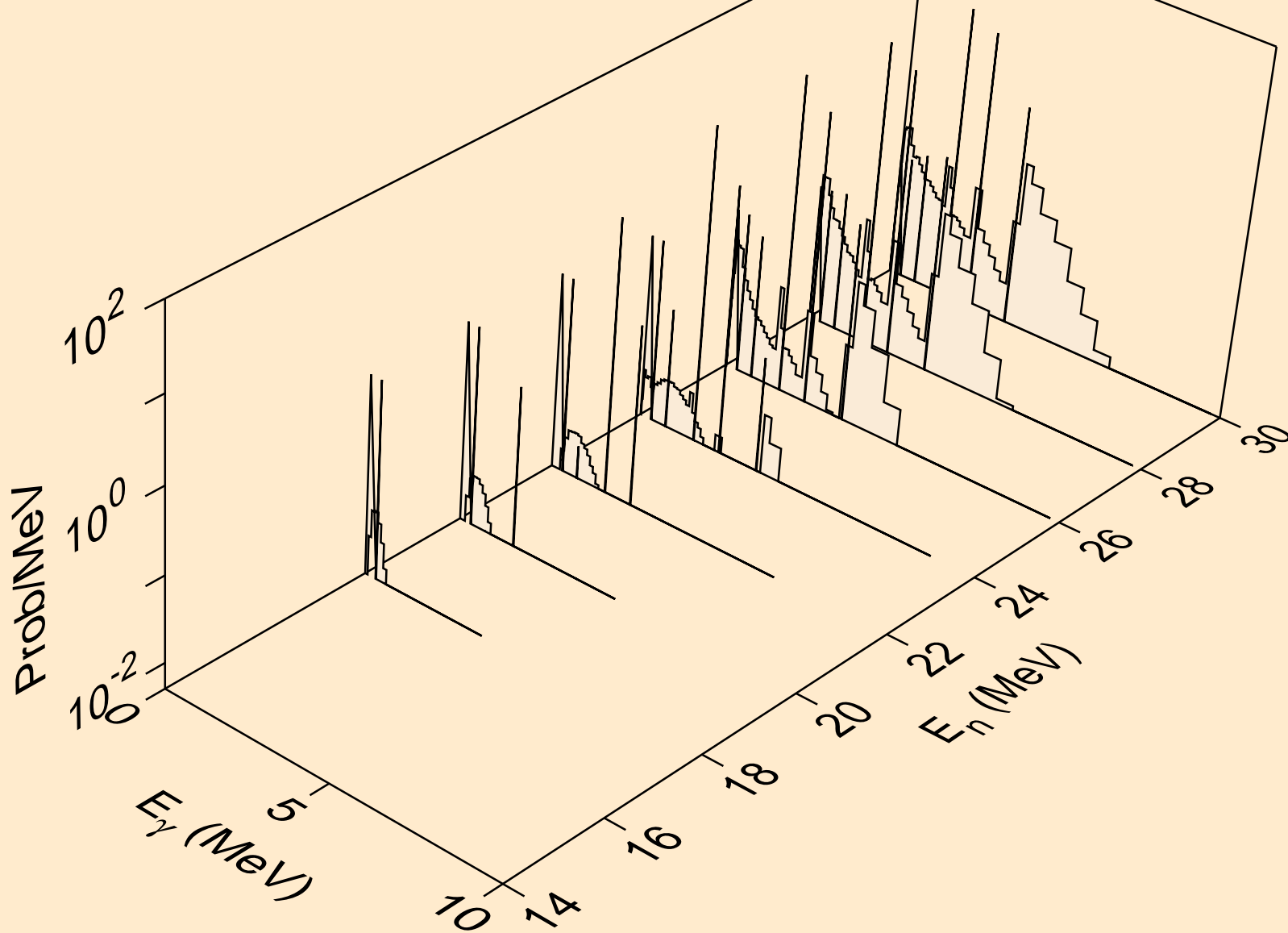




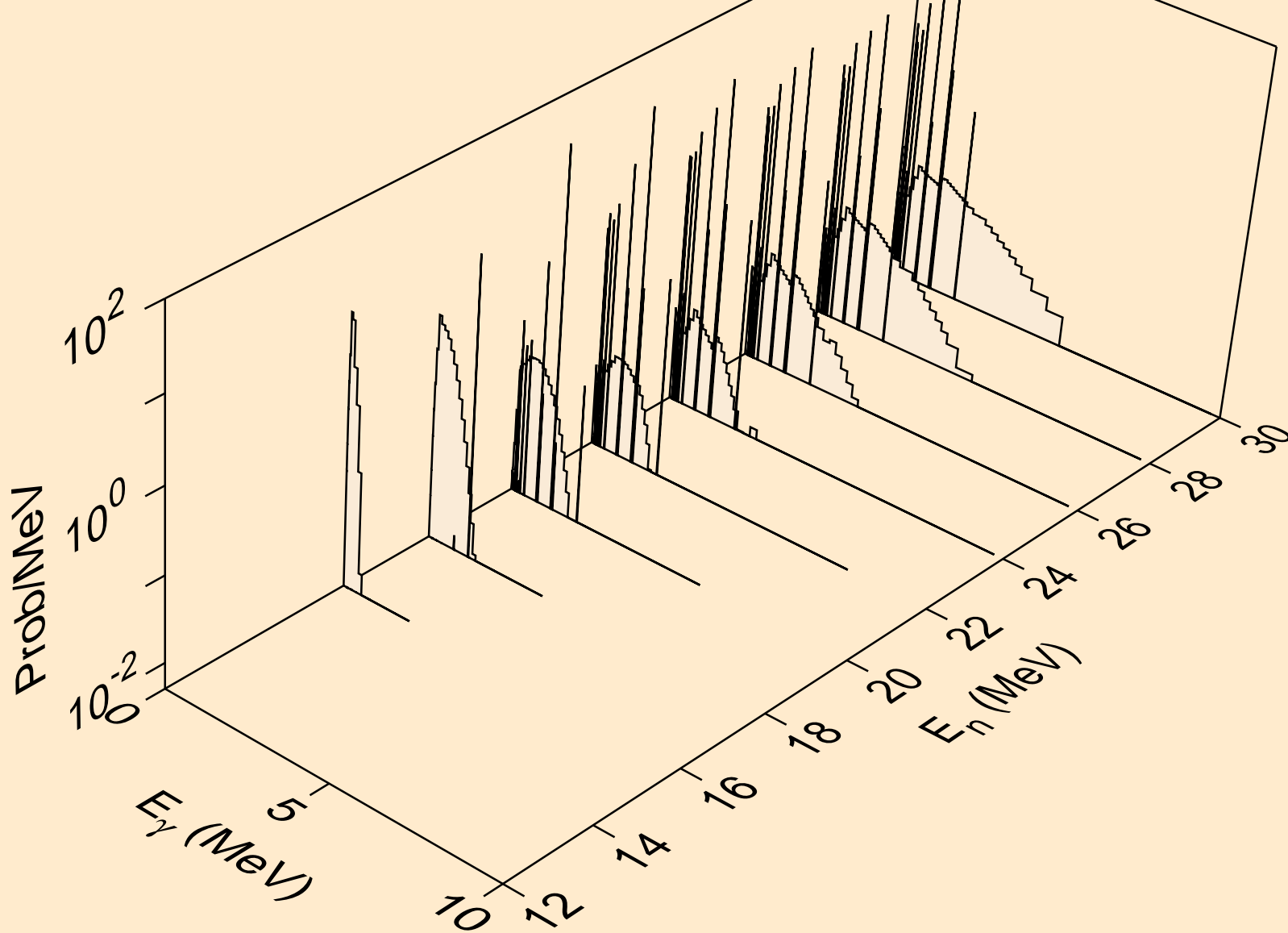
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



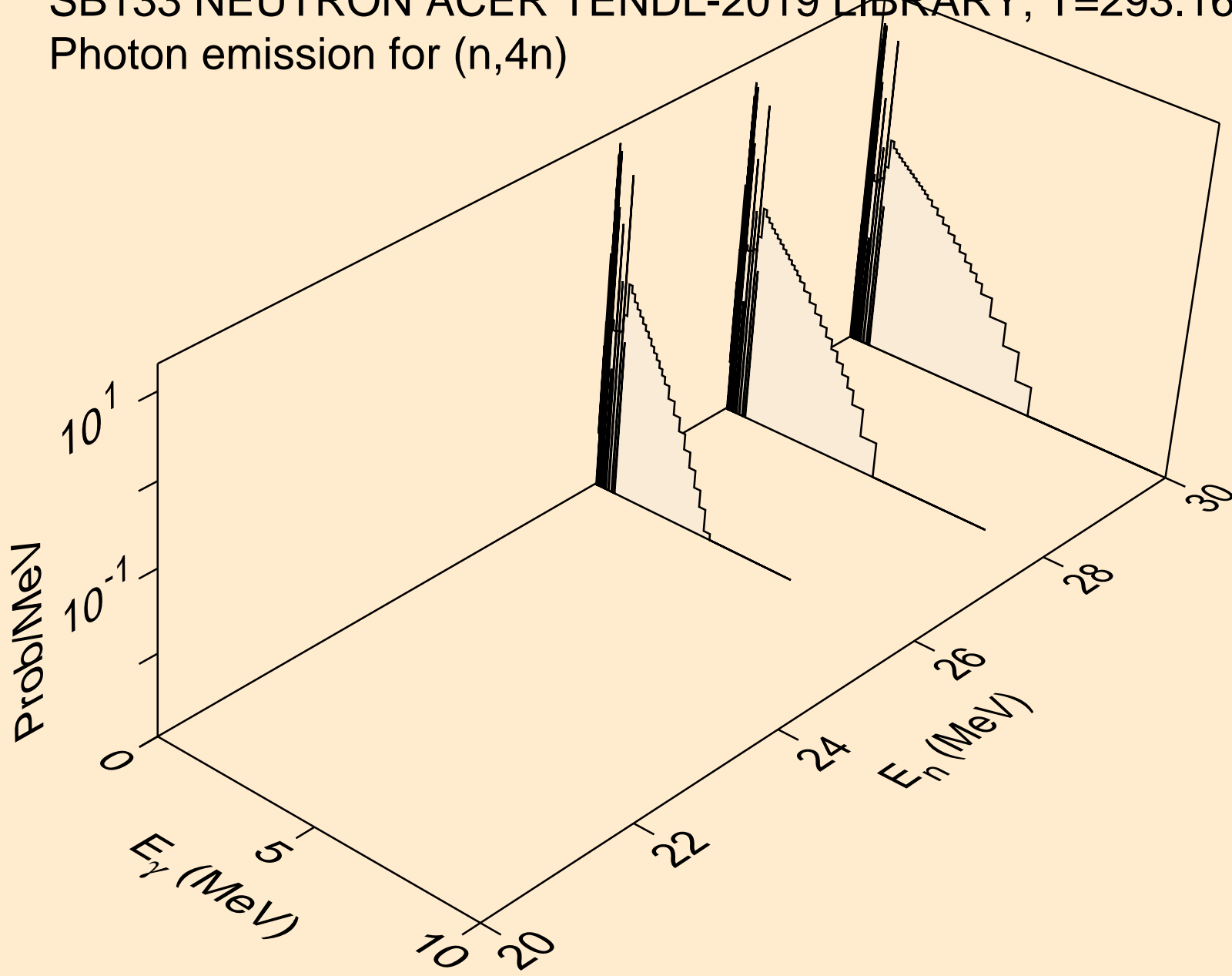
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



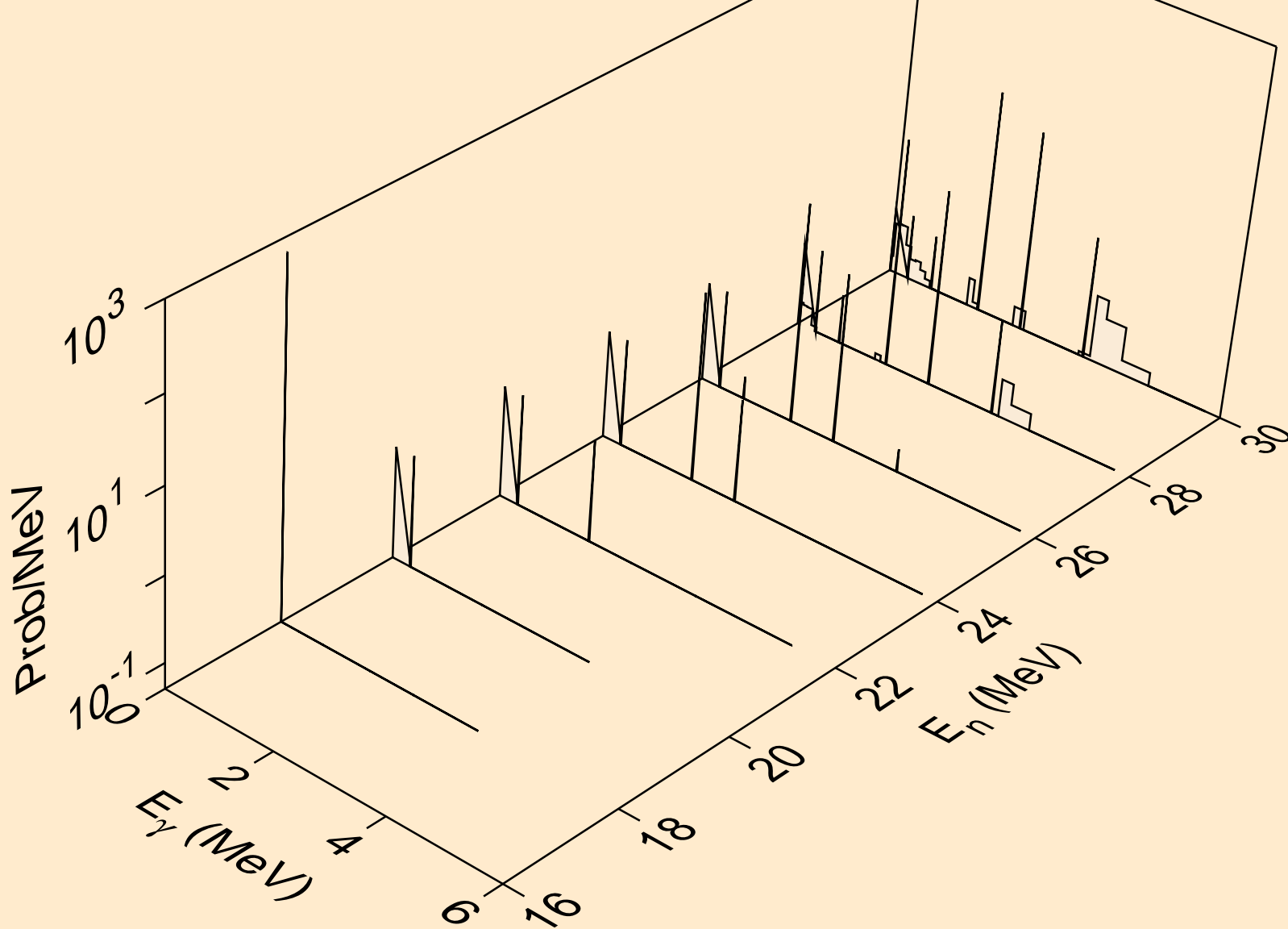
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



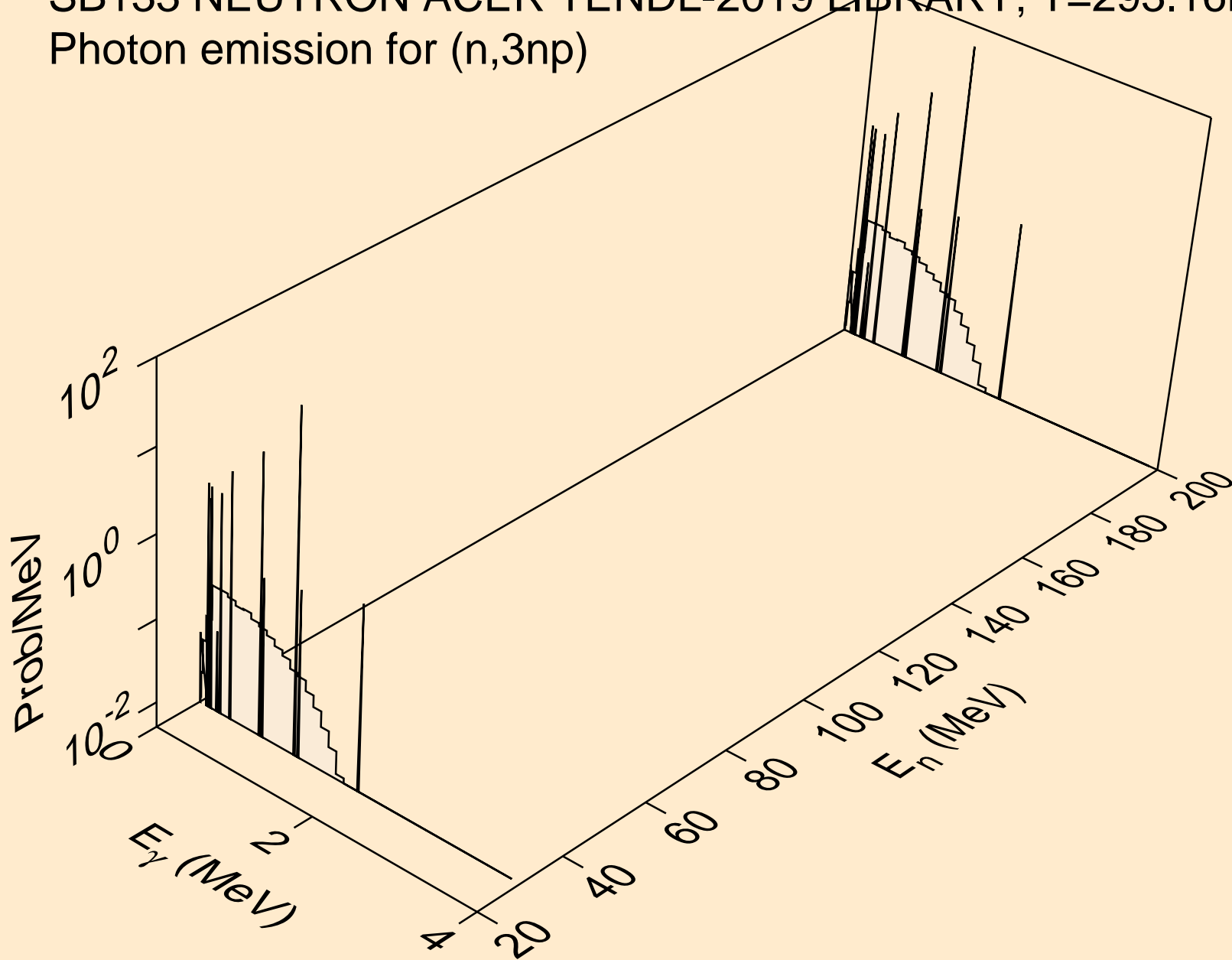
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Photon emission for (n,4n)



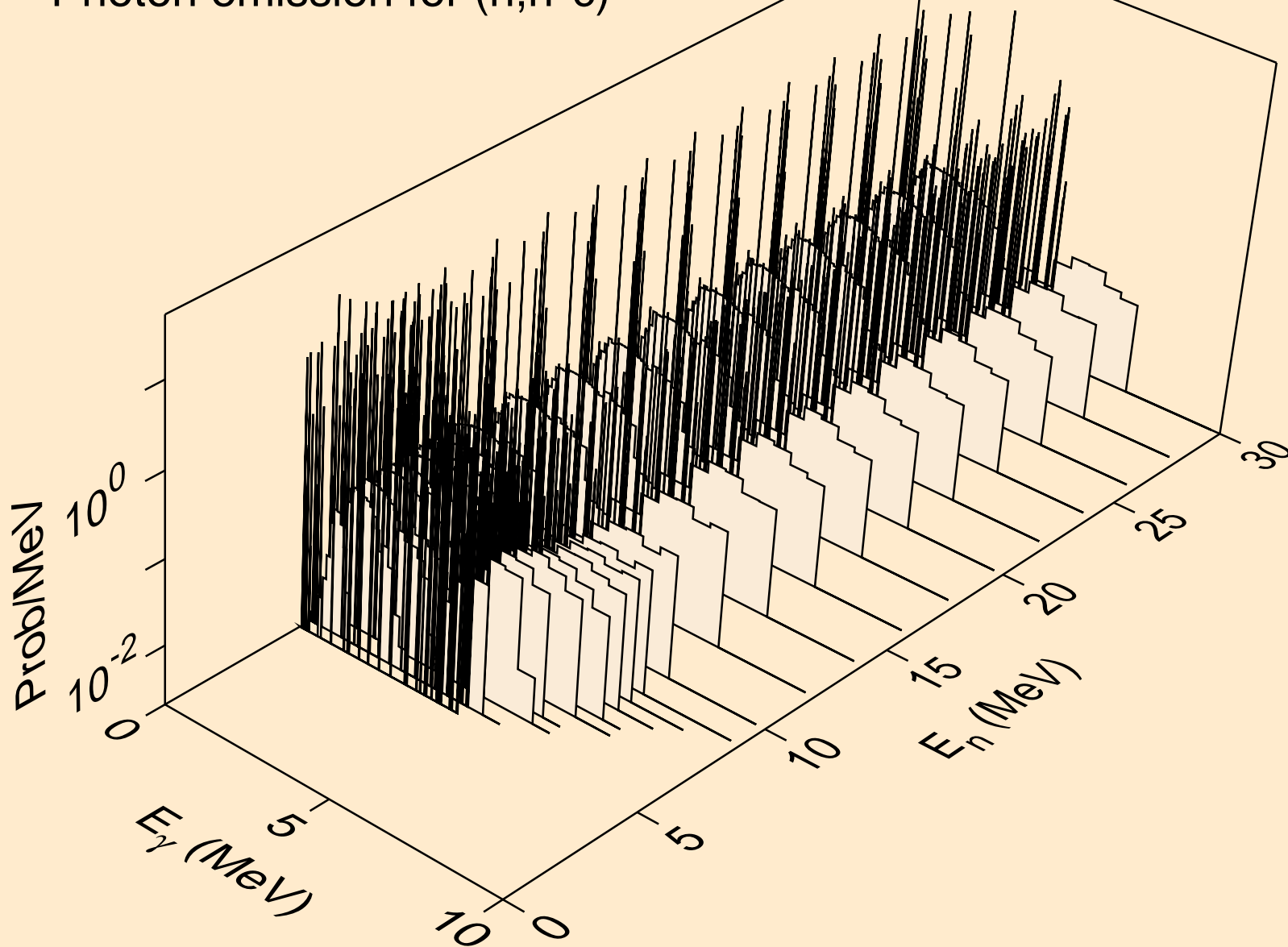
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



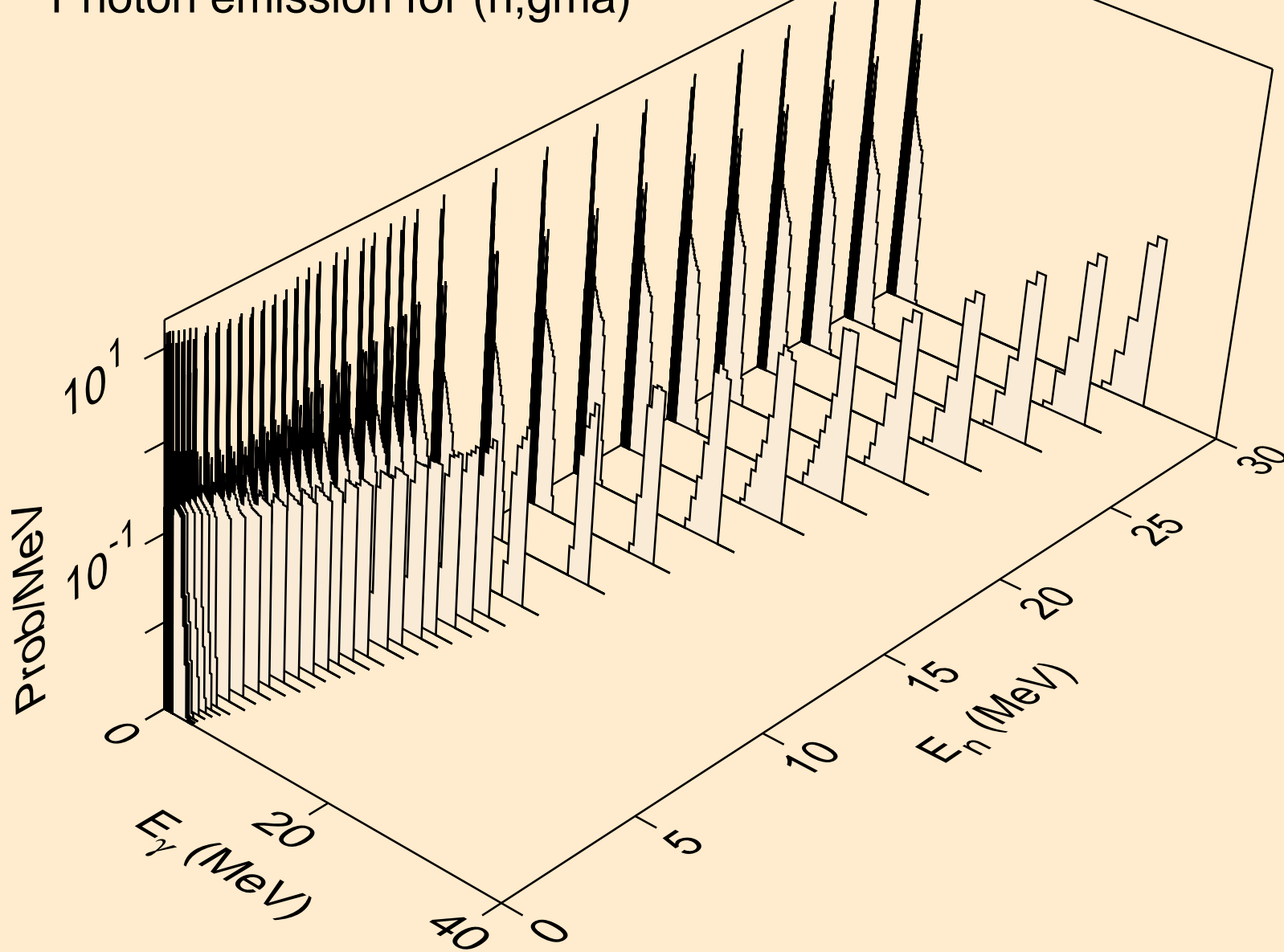
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)

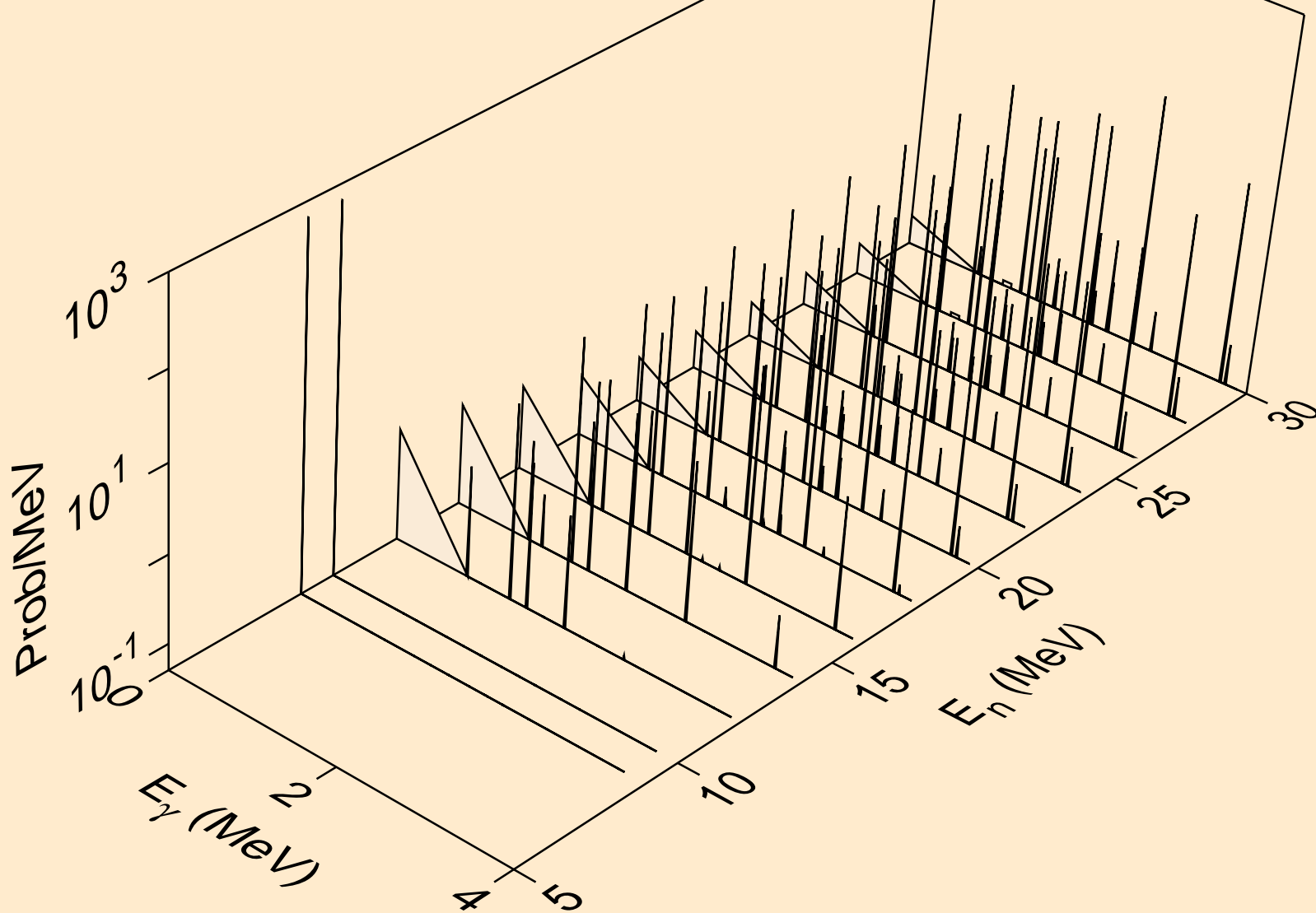


SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)

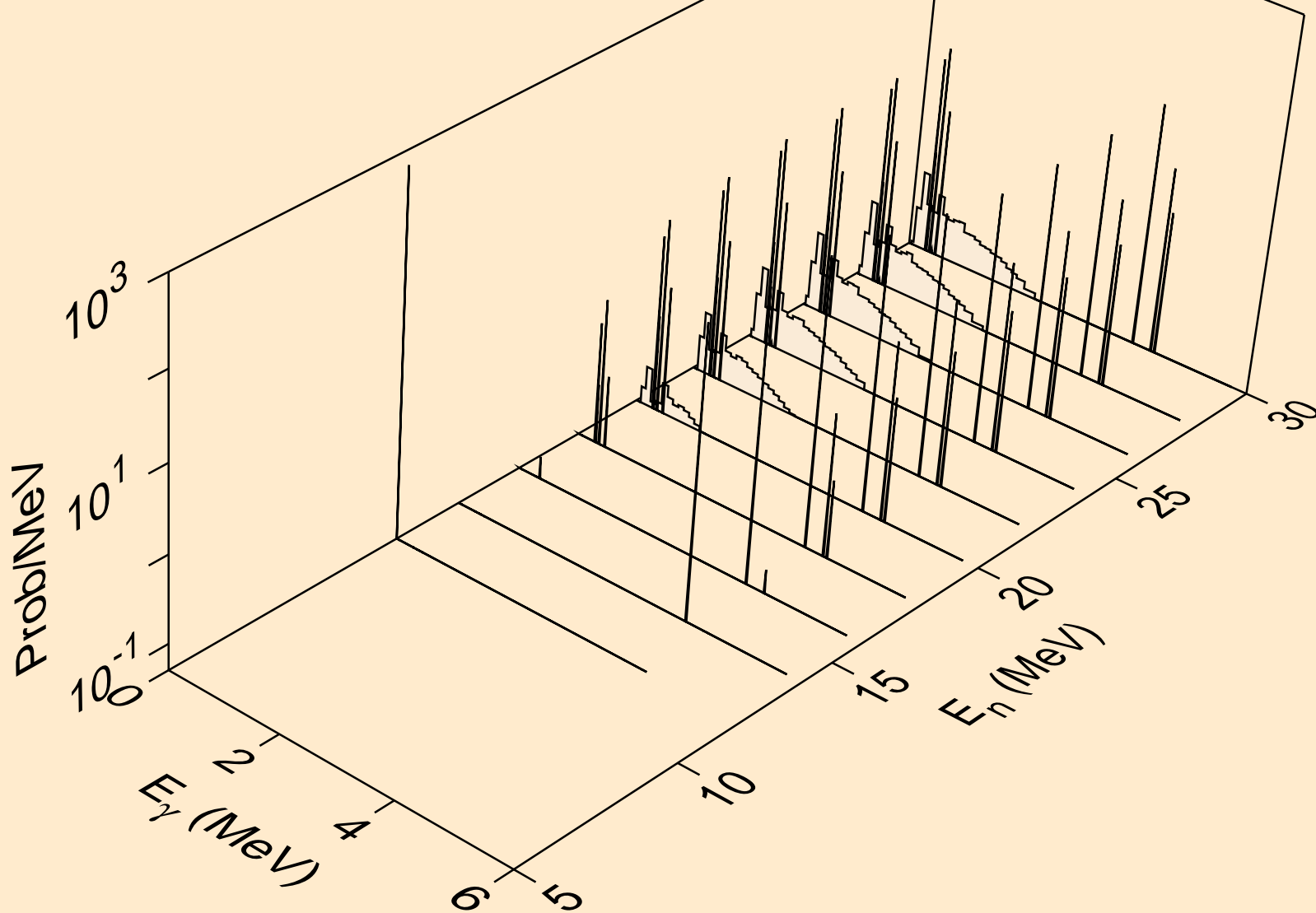




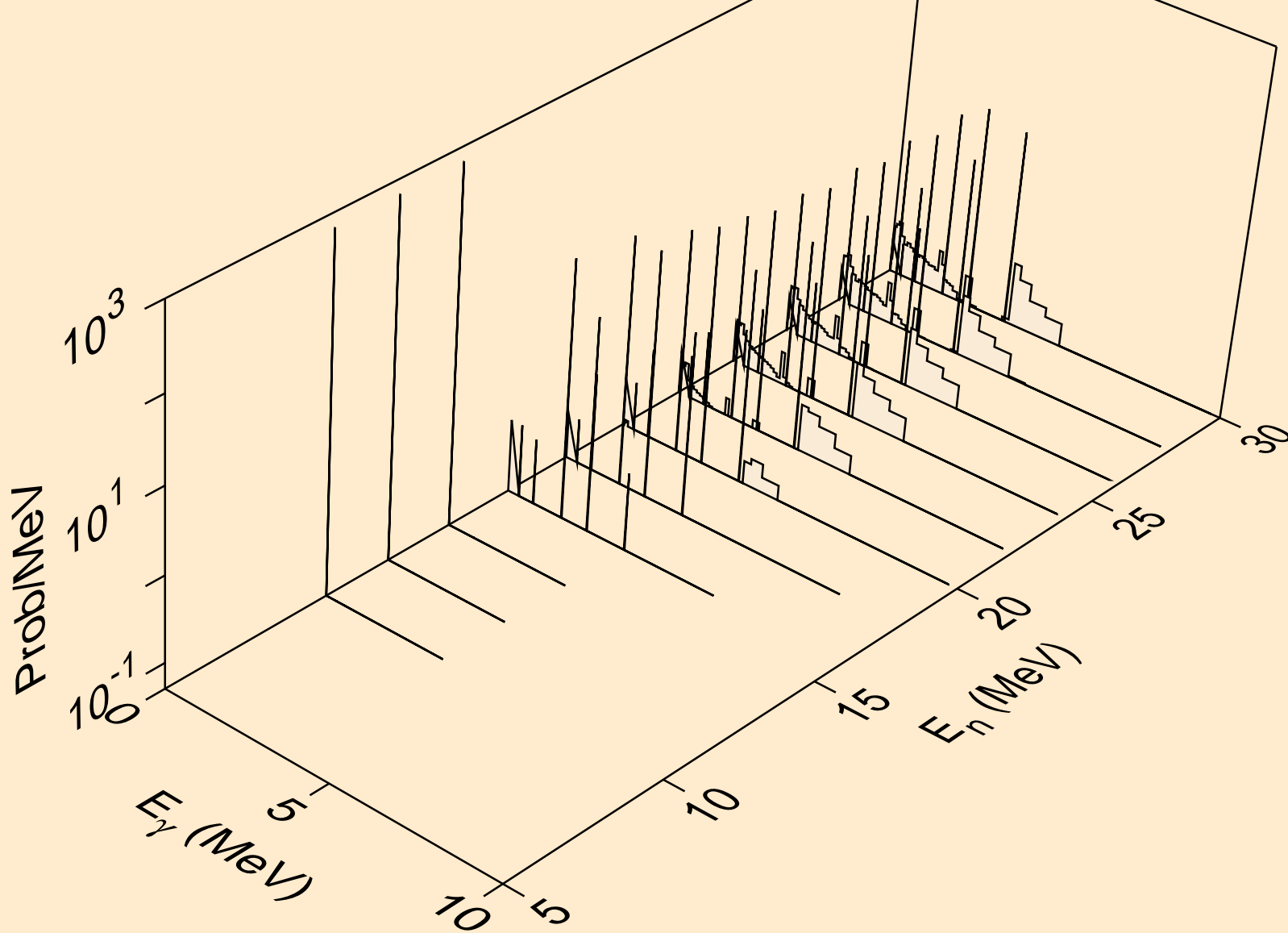
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



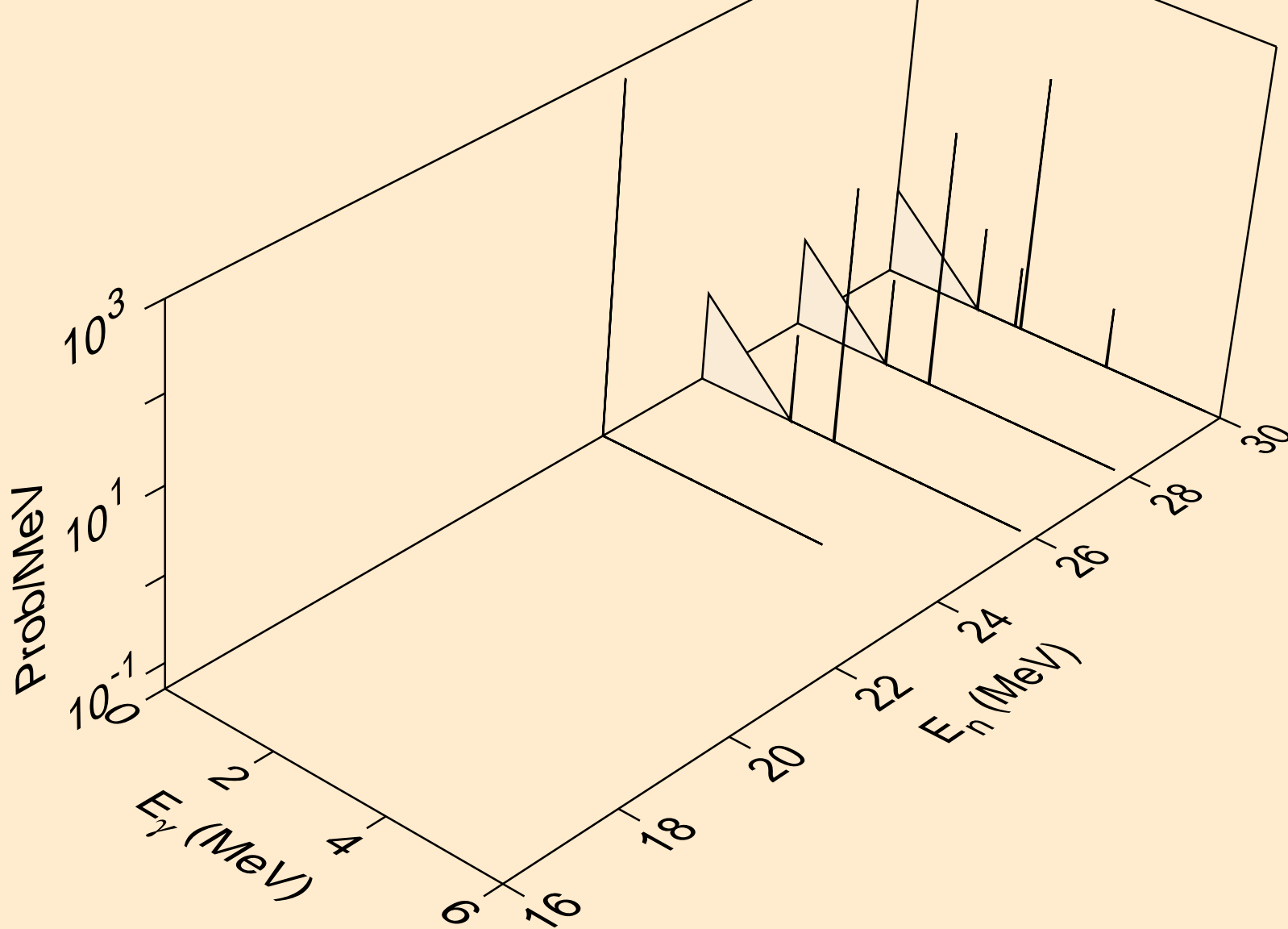
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



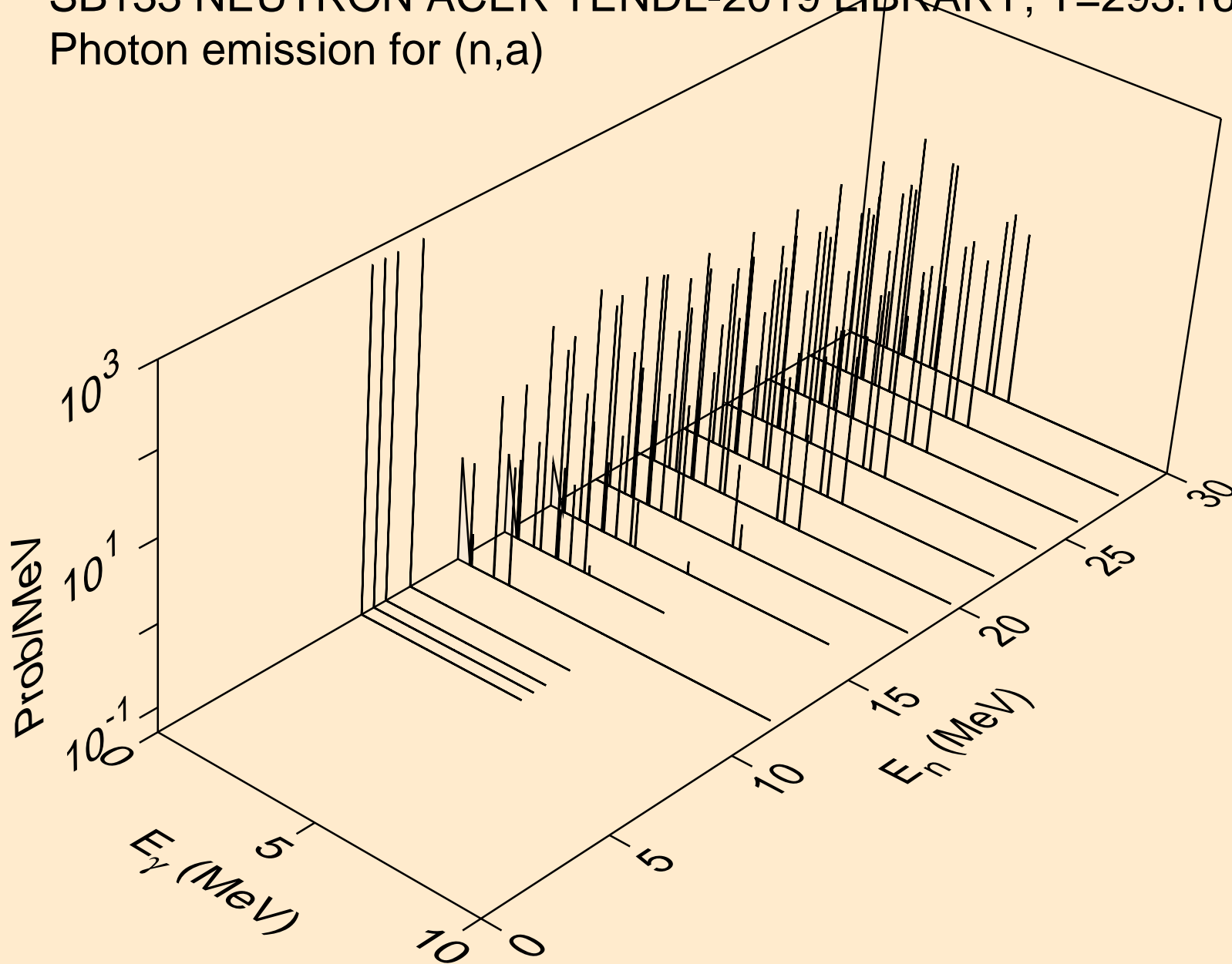
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



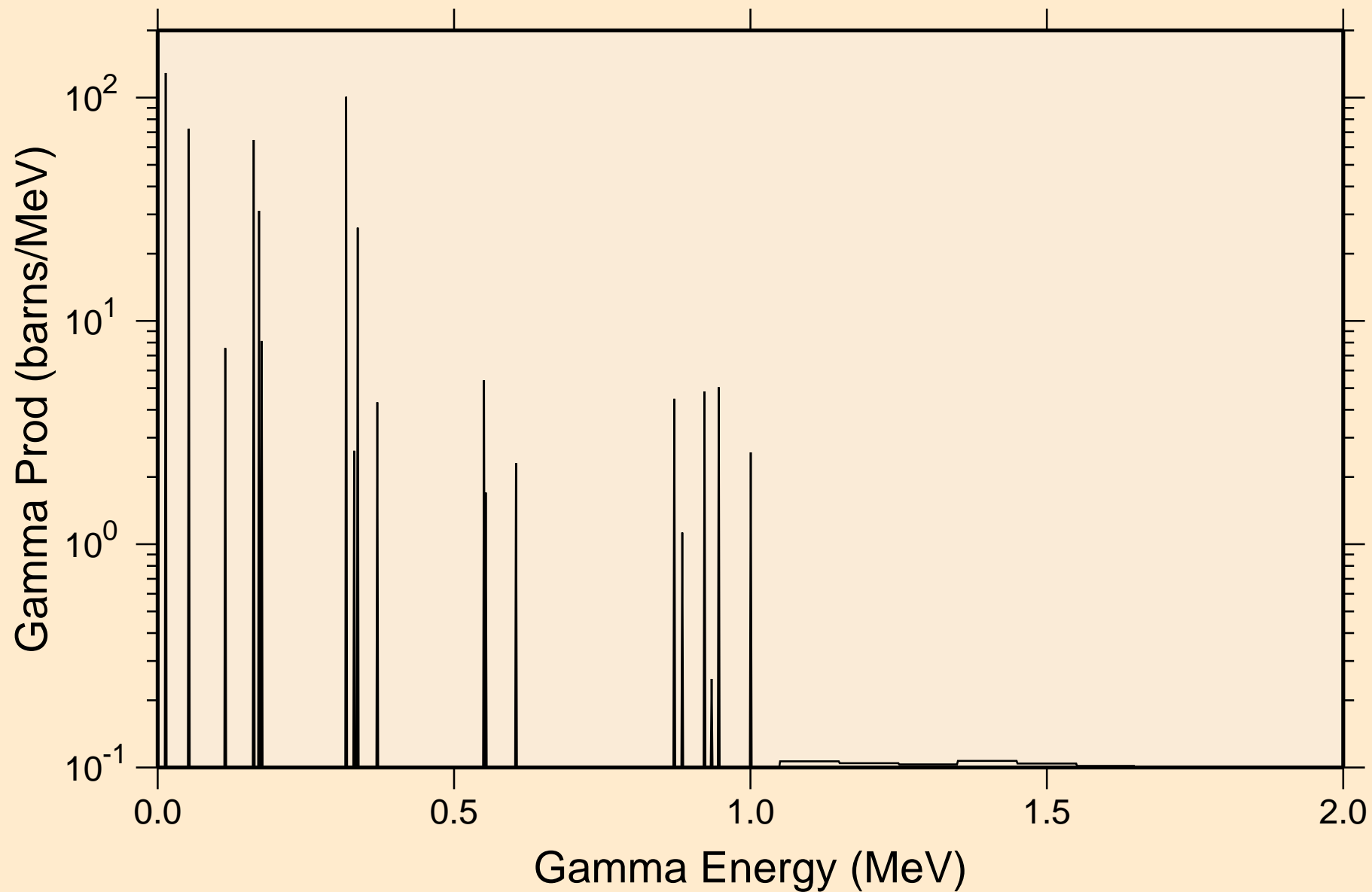
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)



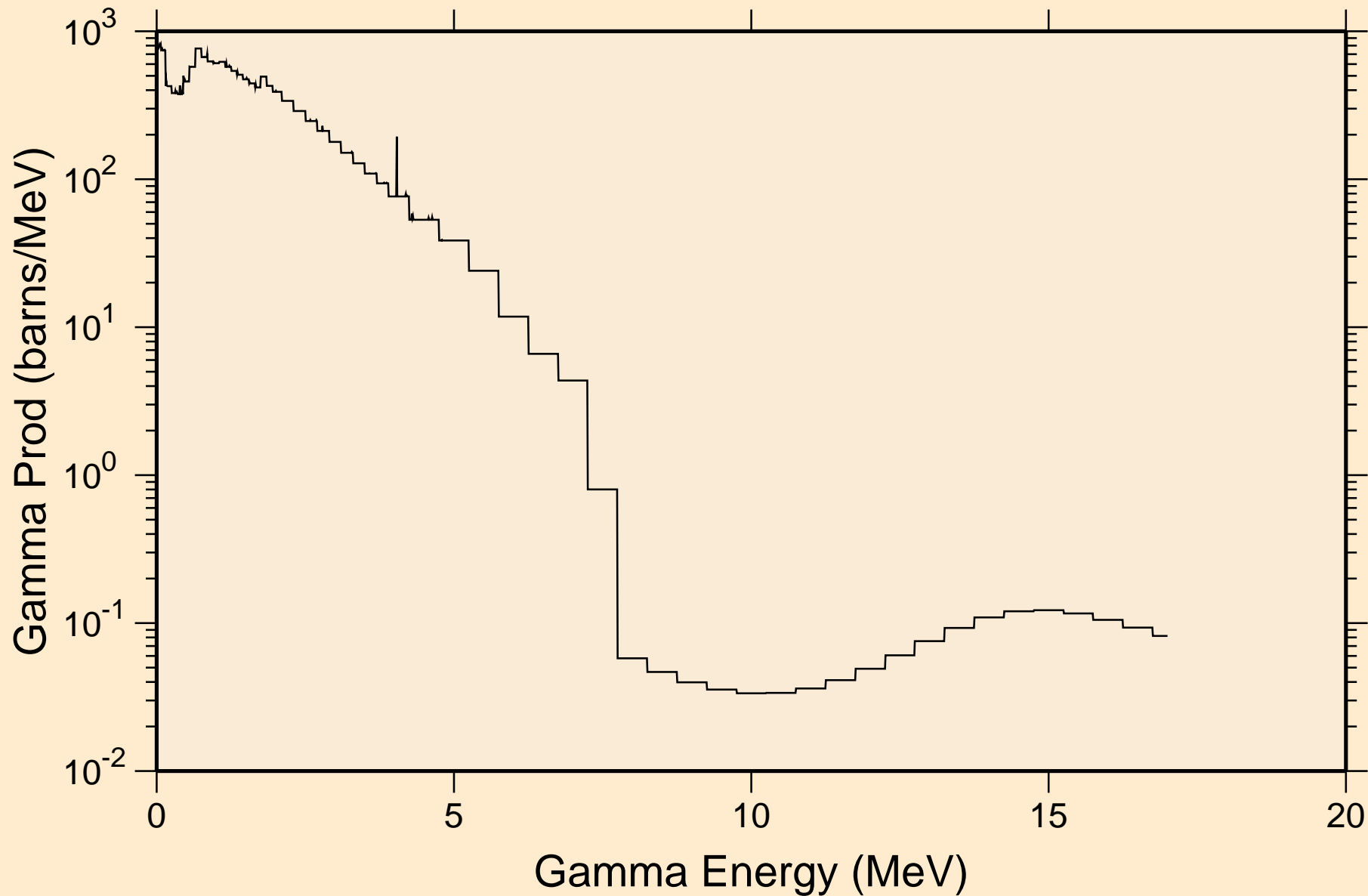
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



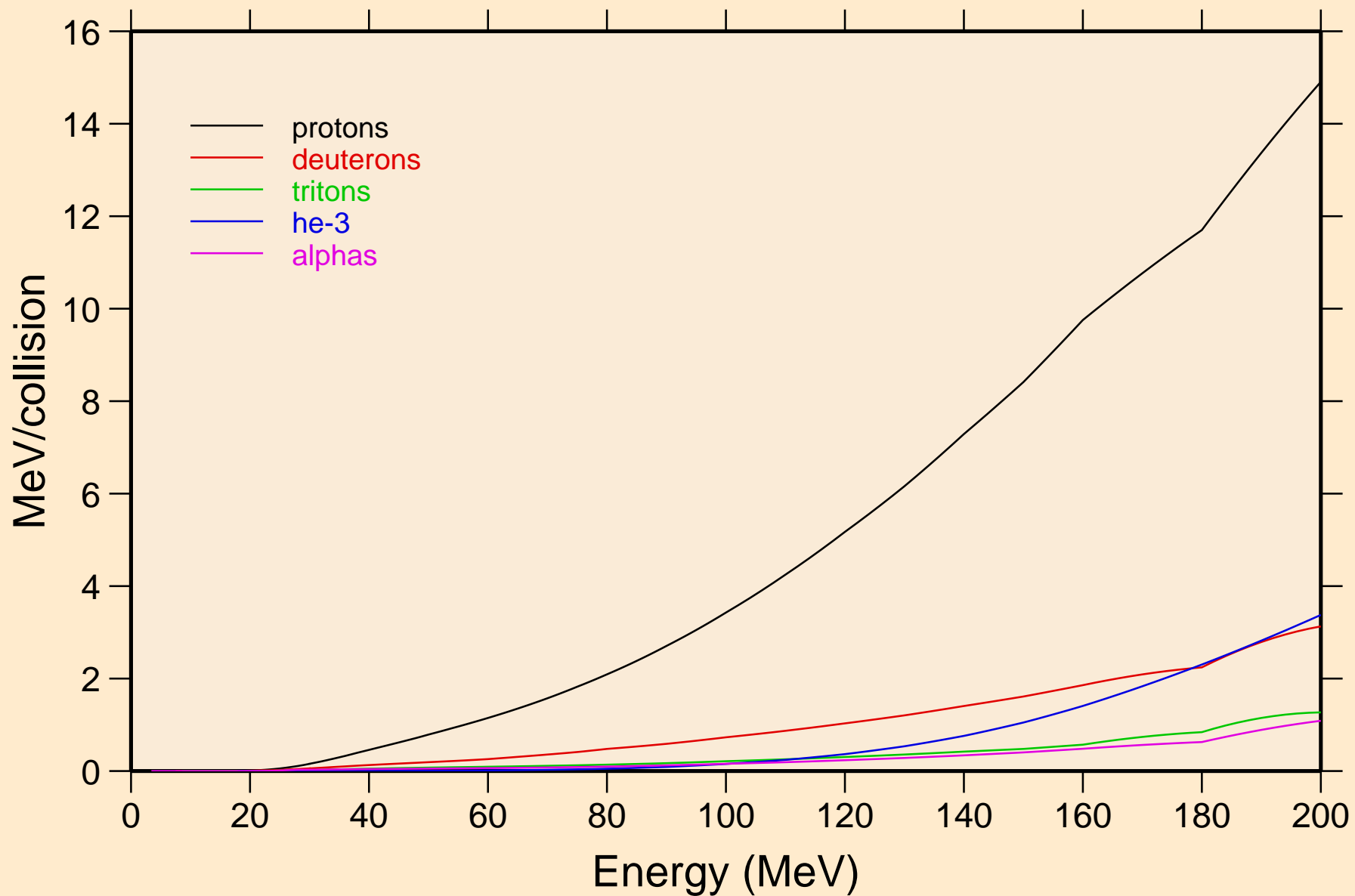
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

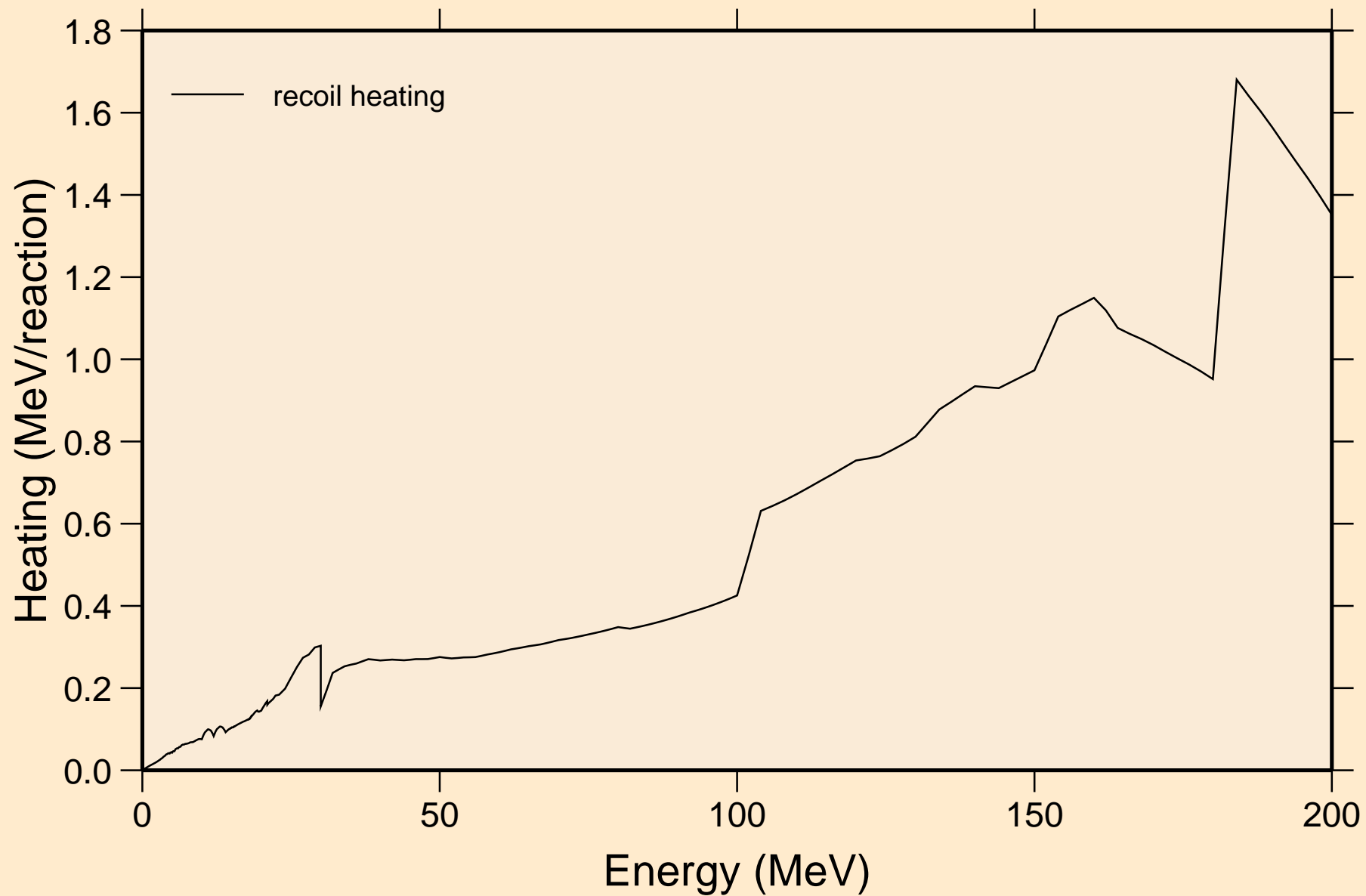


SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle heating contributions



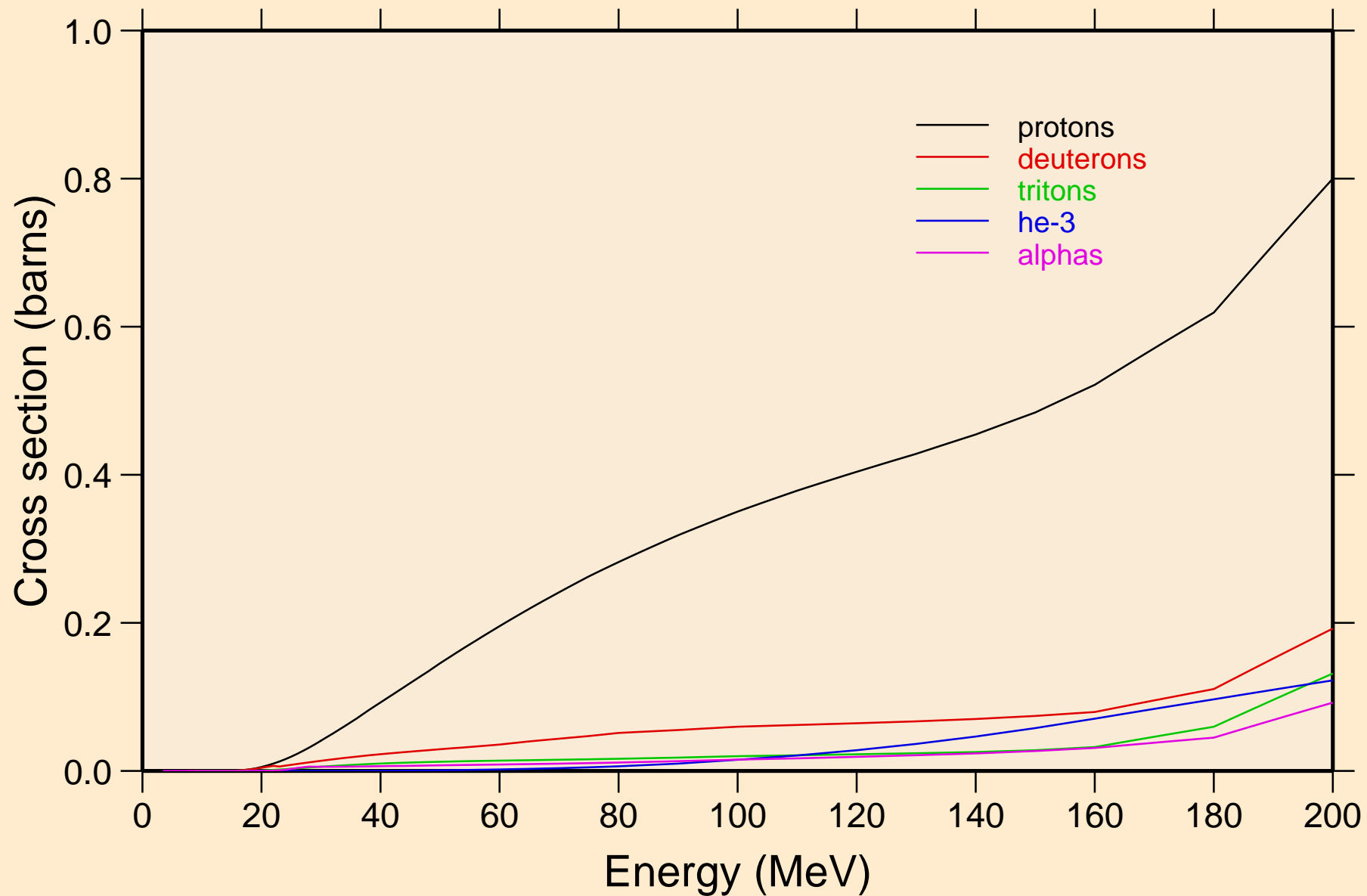


SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

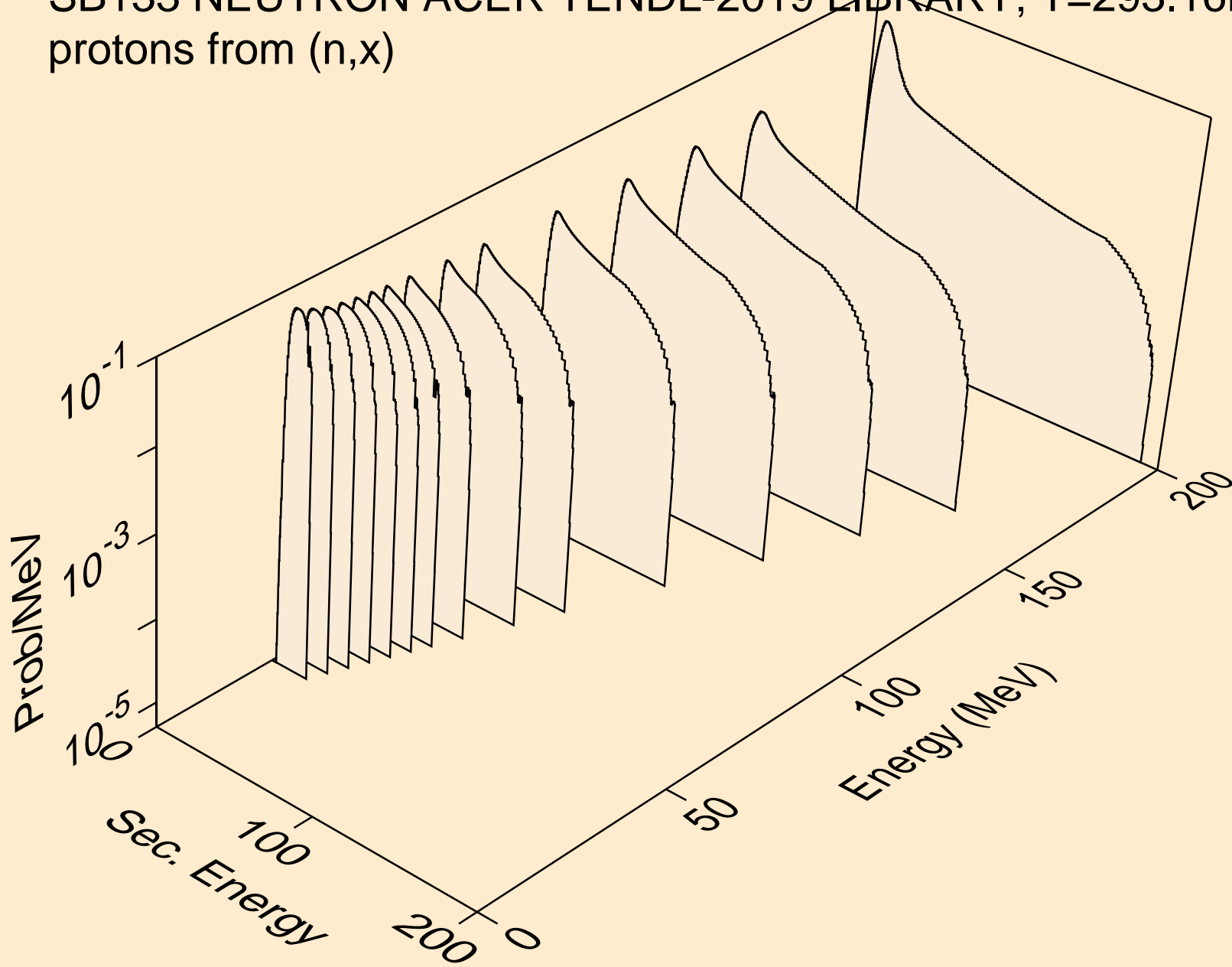


# SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

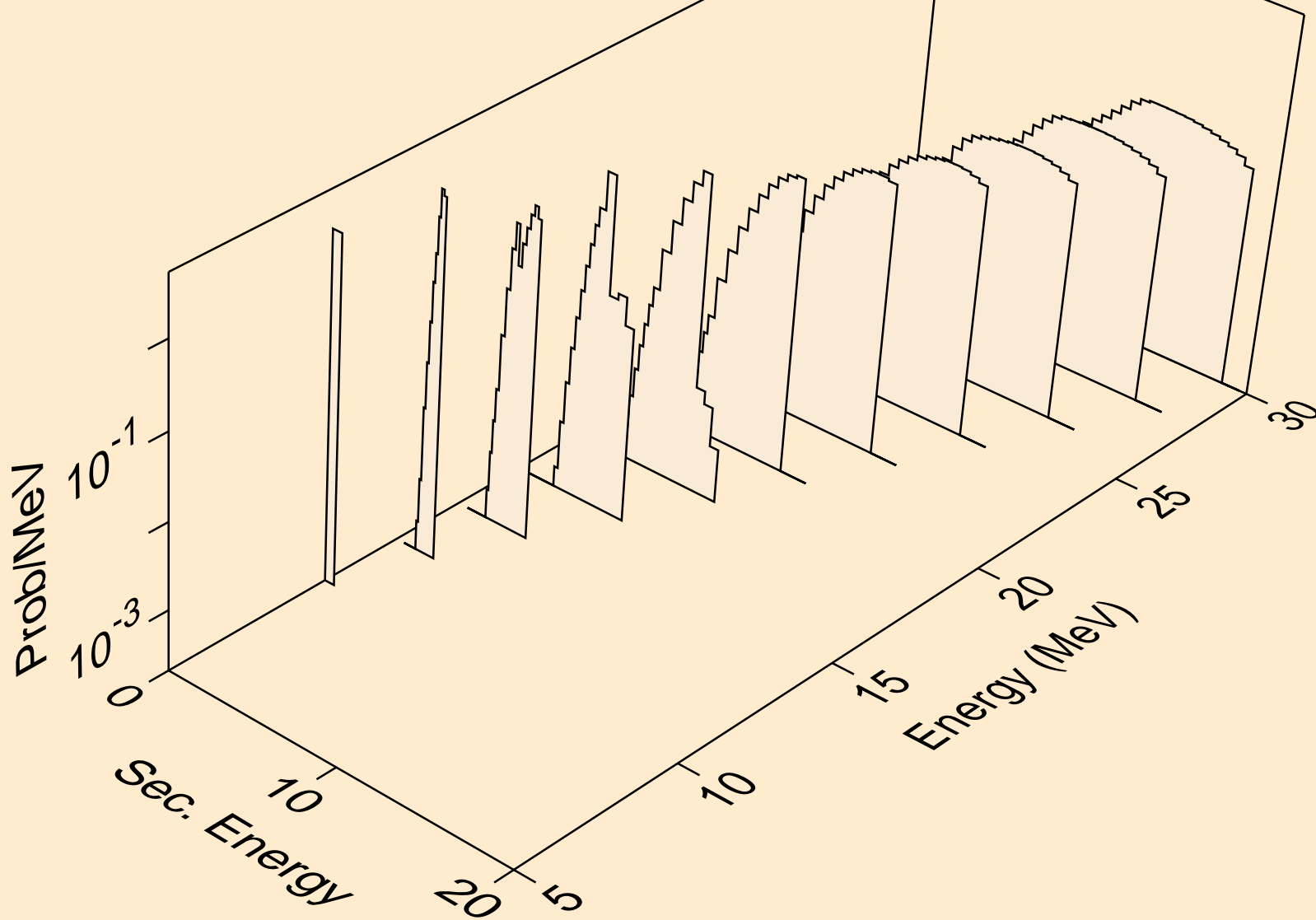
## Particle production cross sections



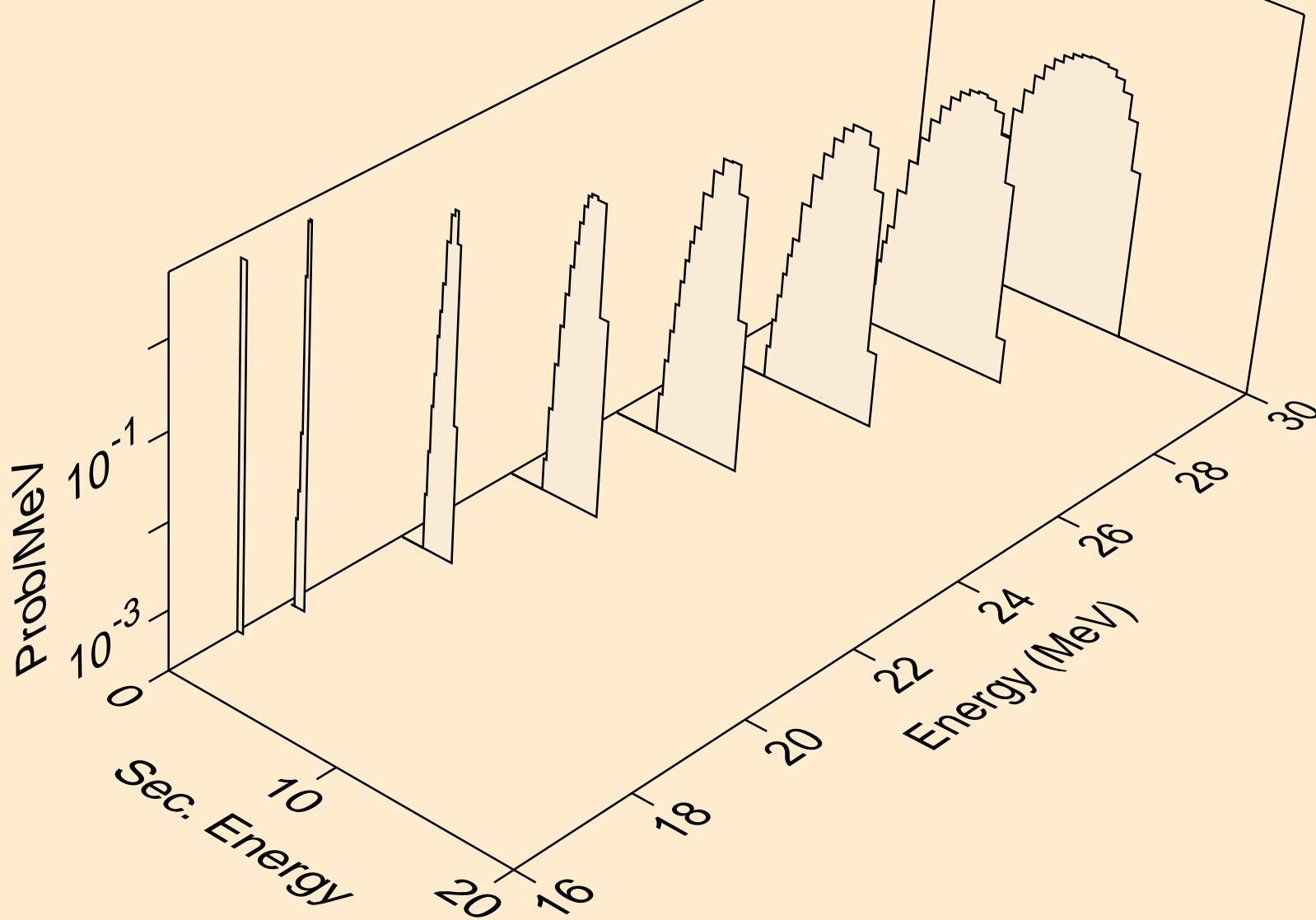
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



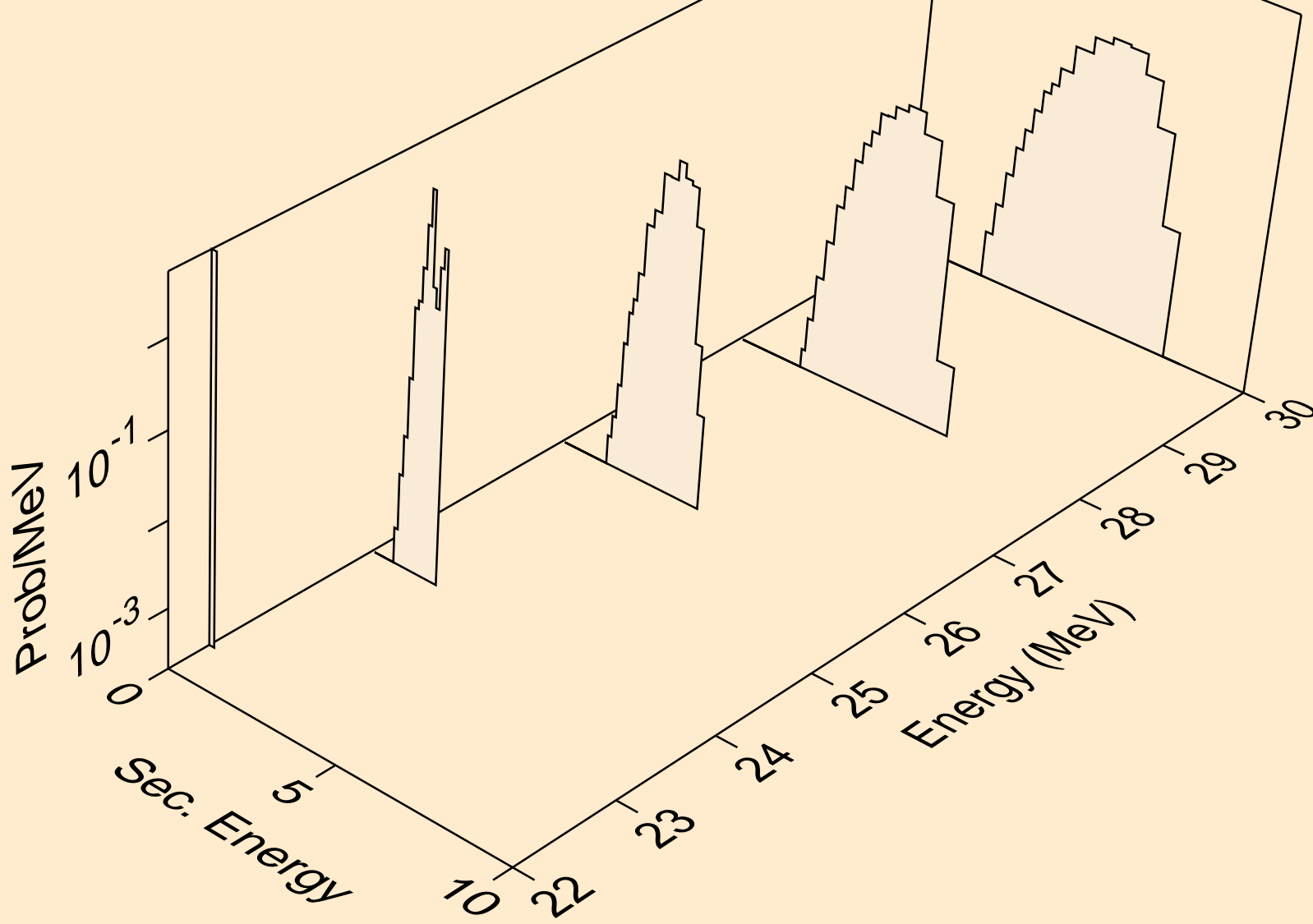
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



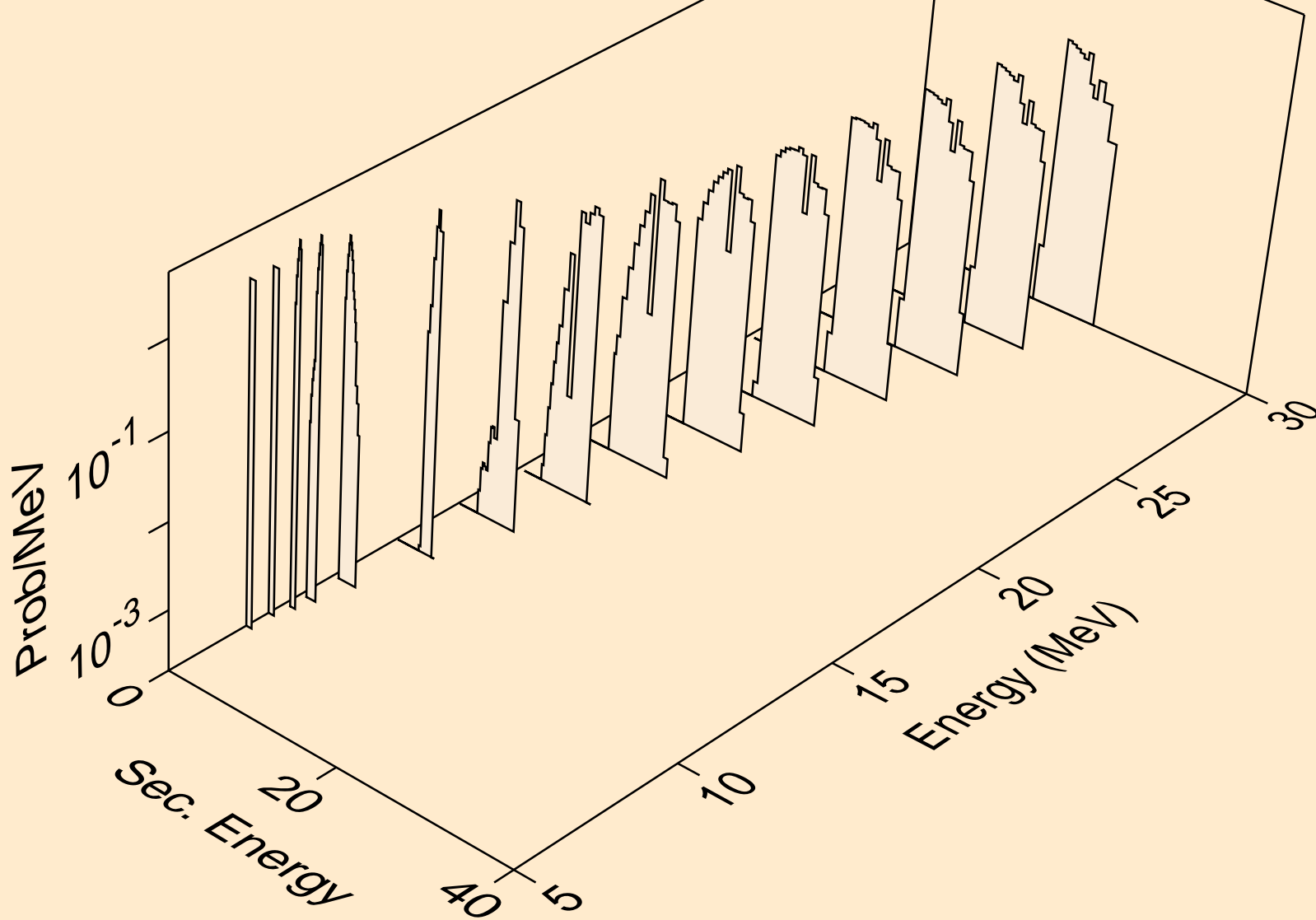
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



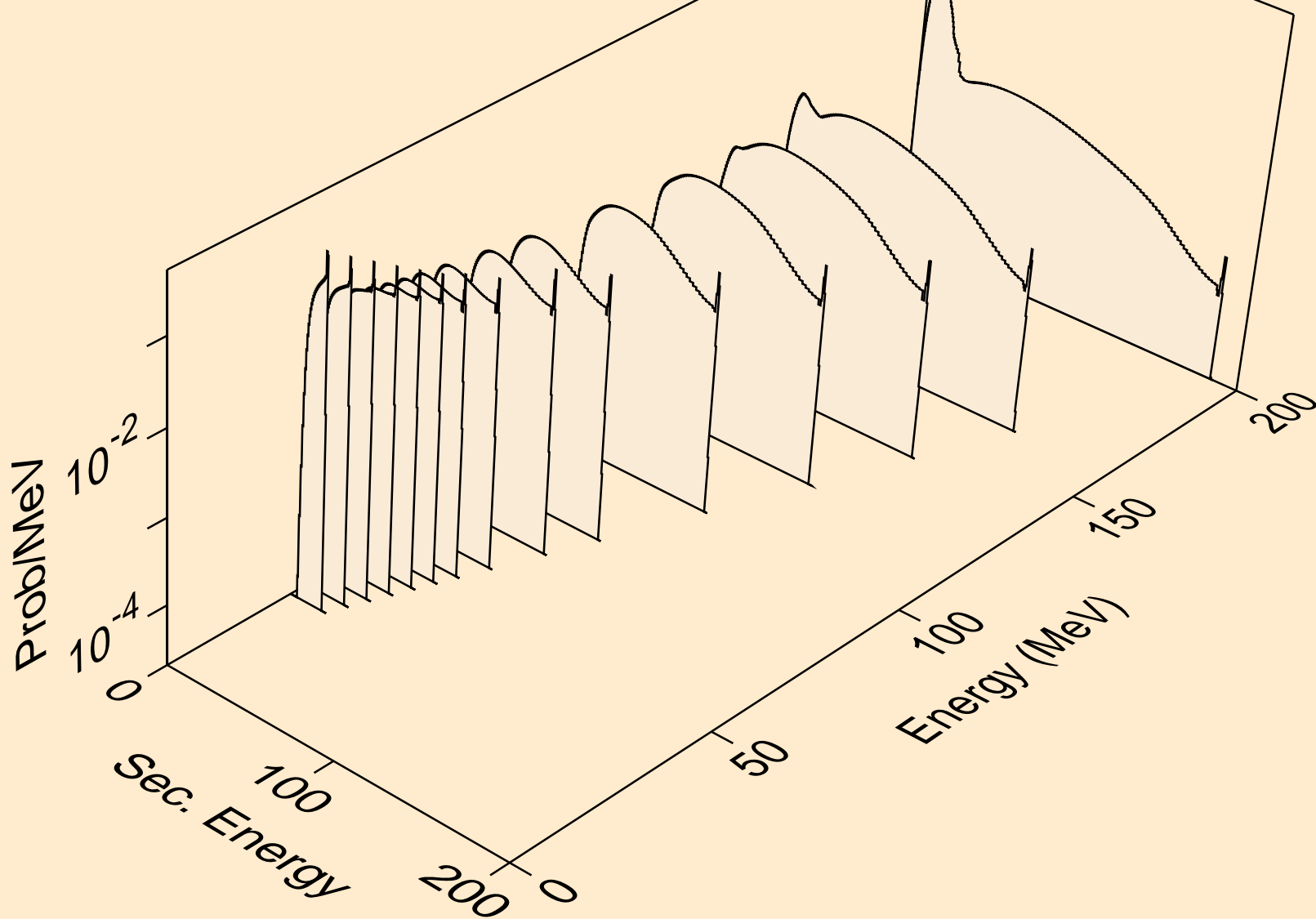
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)

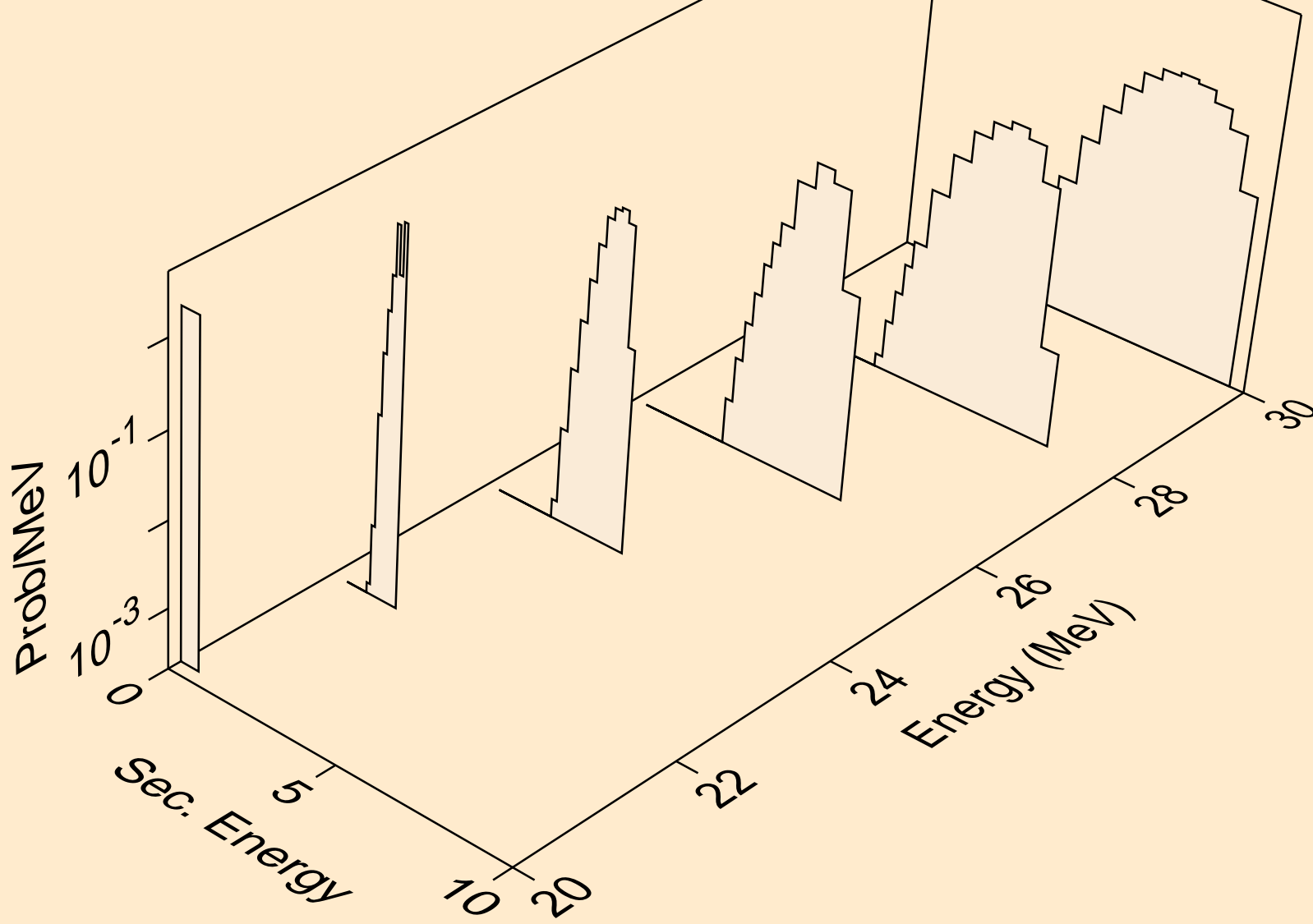


SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

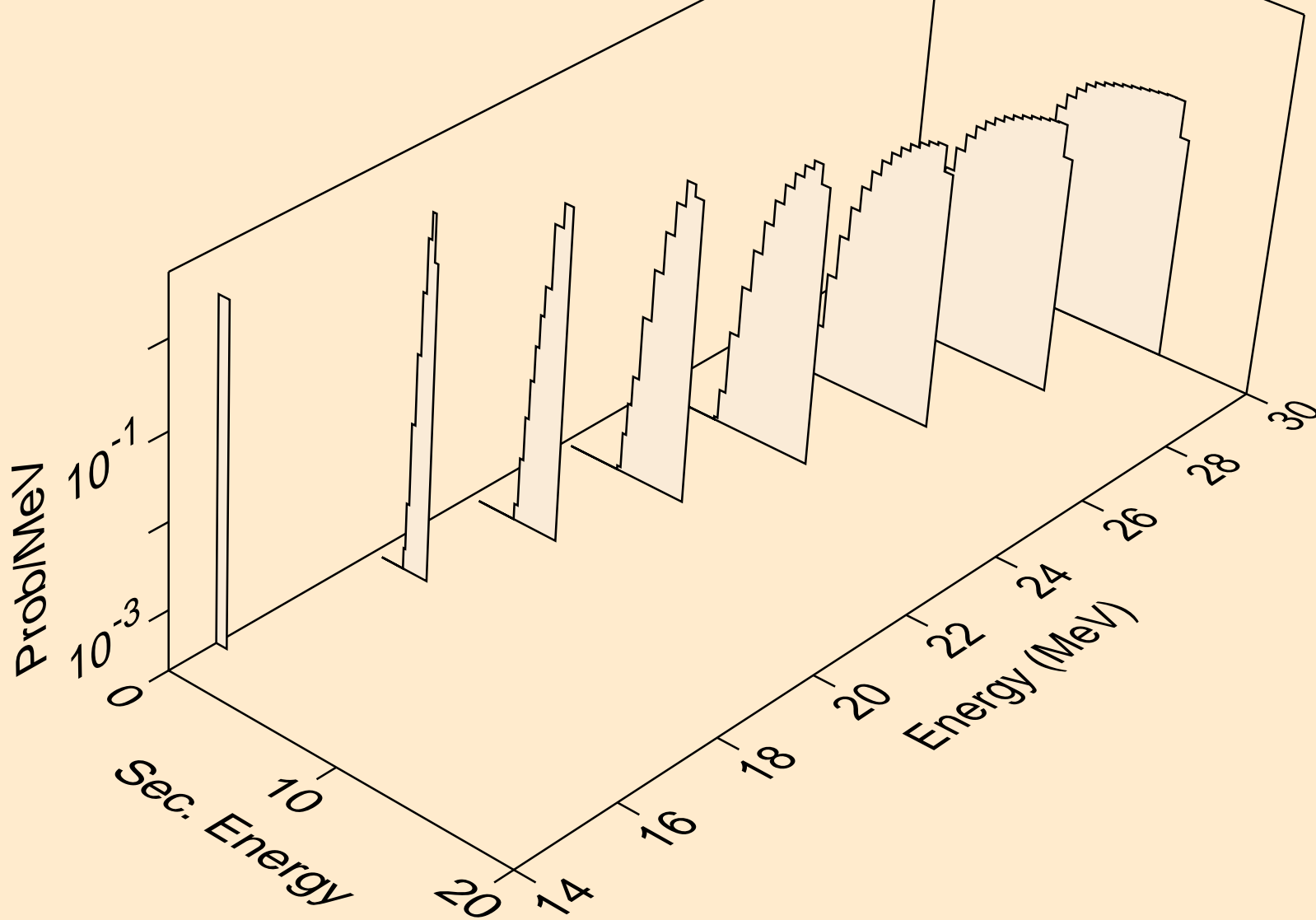




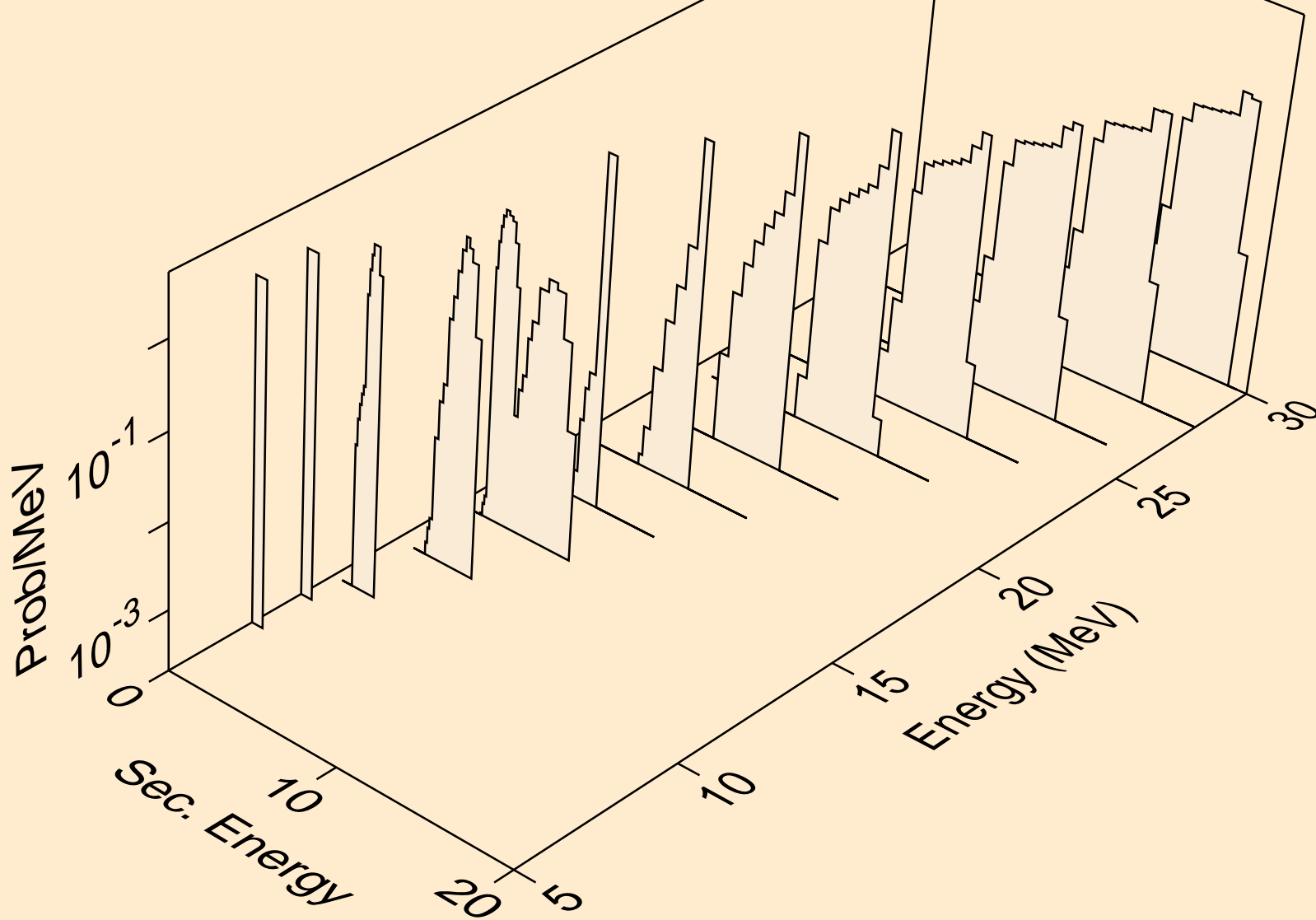
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deuterons from (n,2nd)



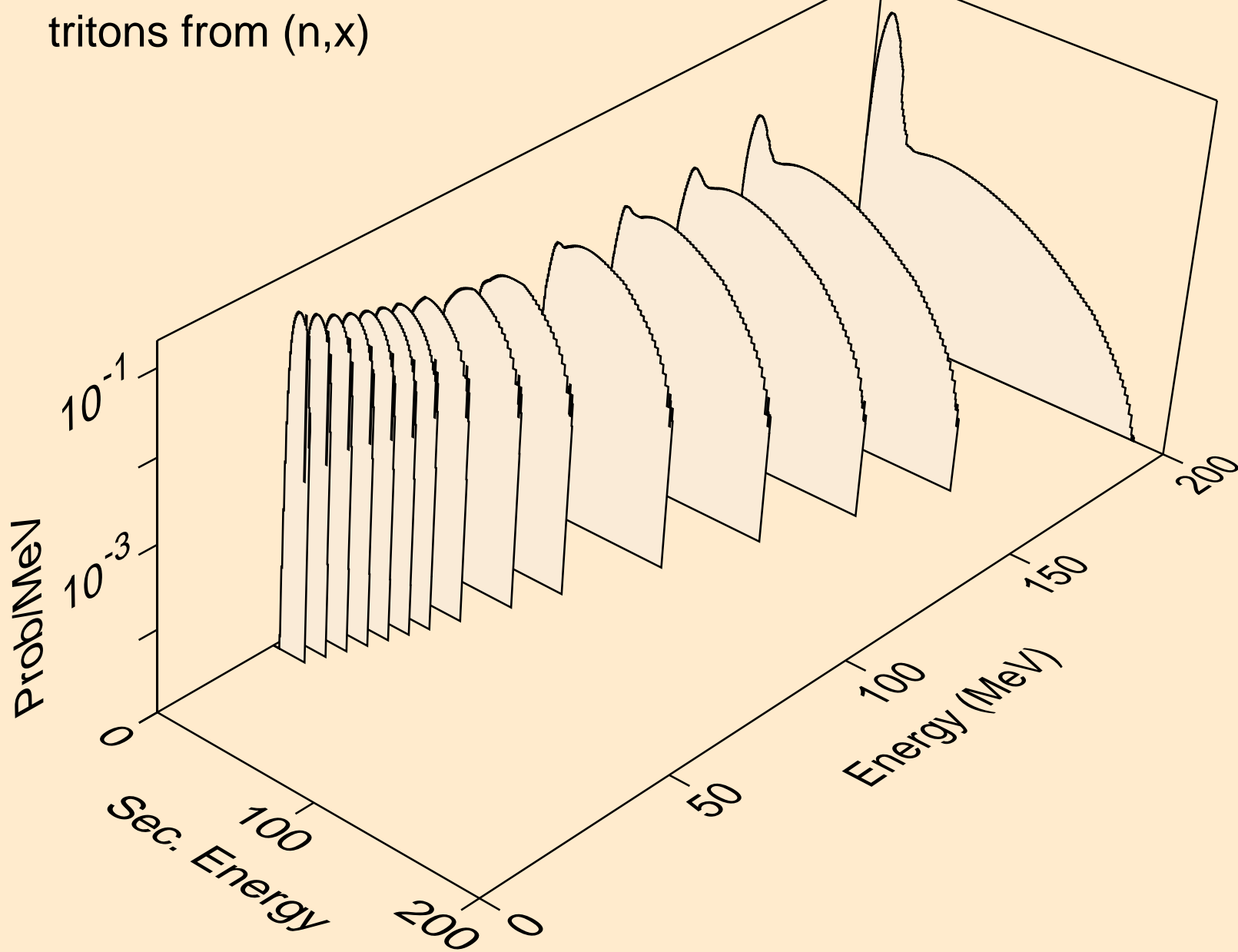
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deuterons from (n,n\*)d



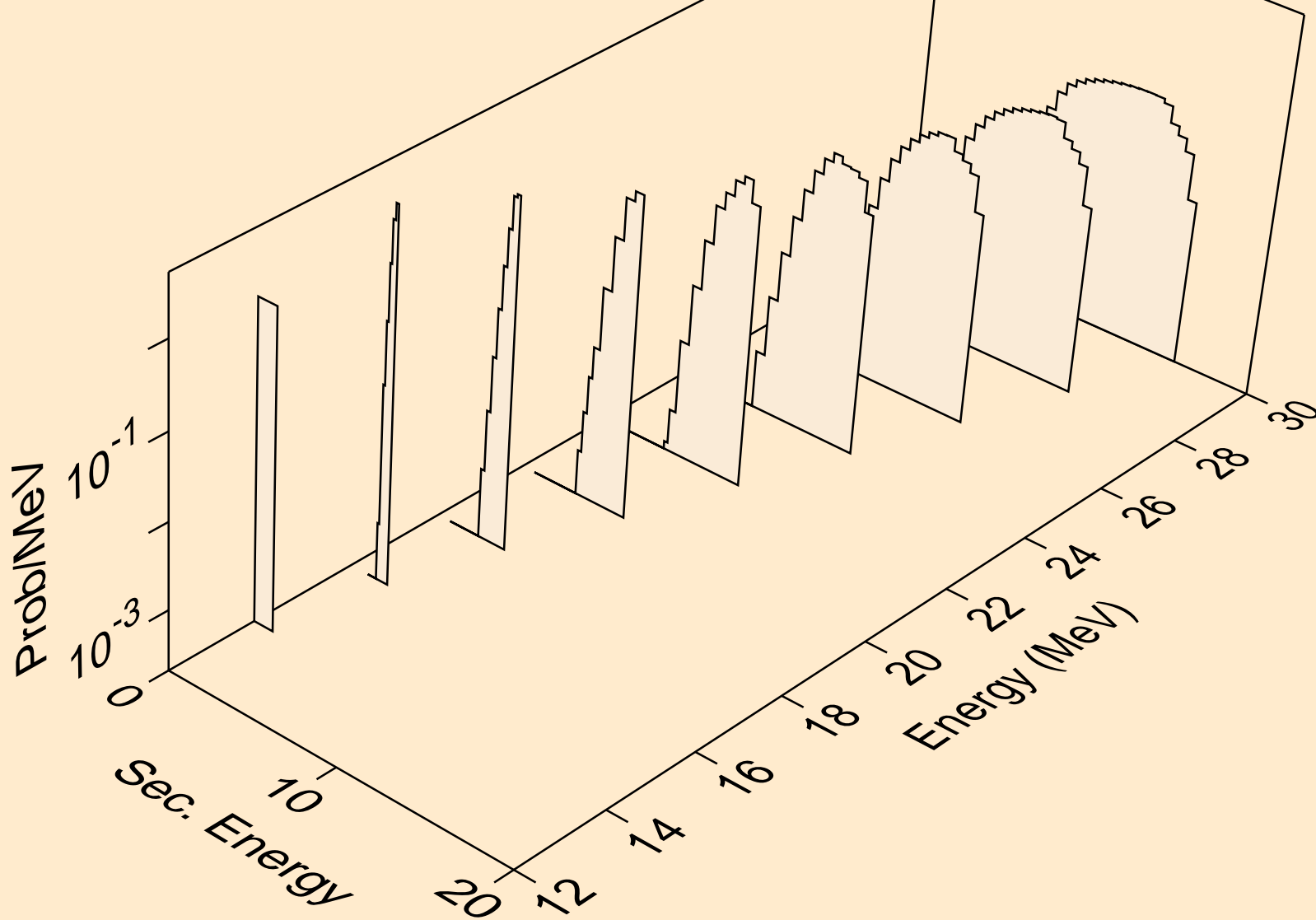
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deuterons from (n,d)



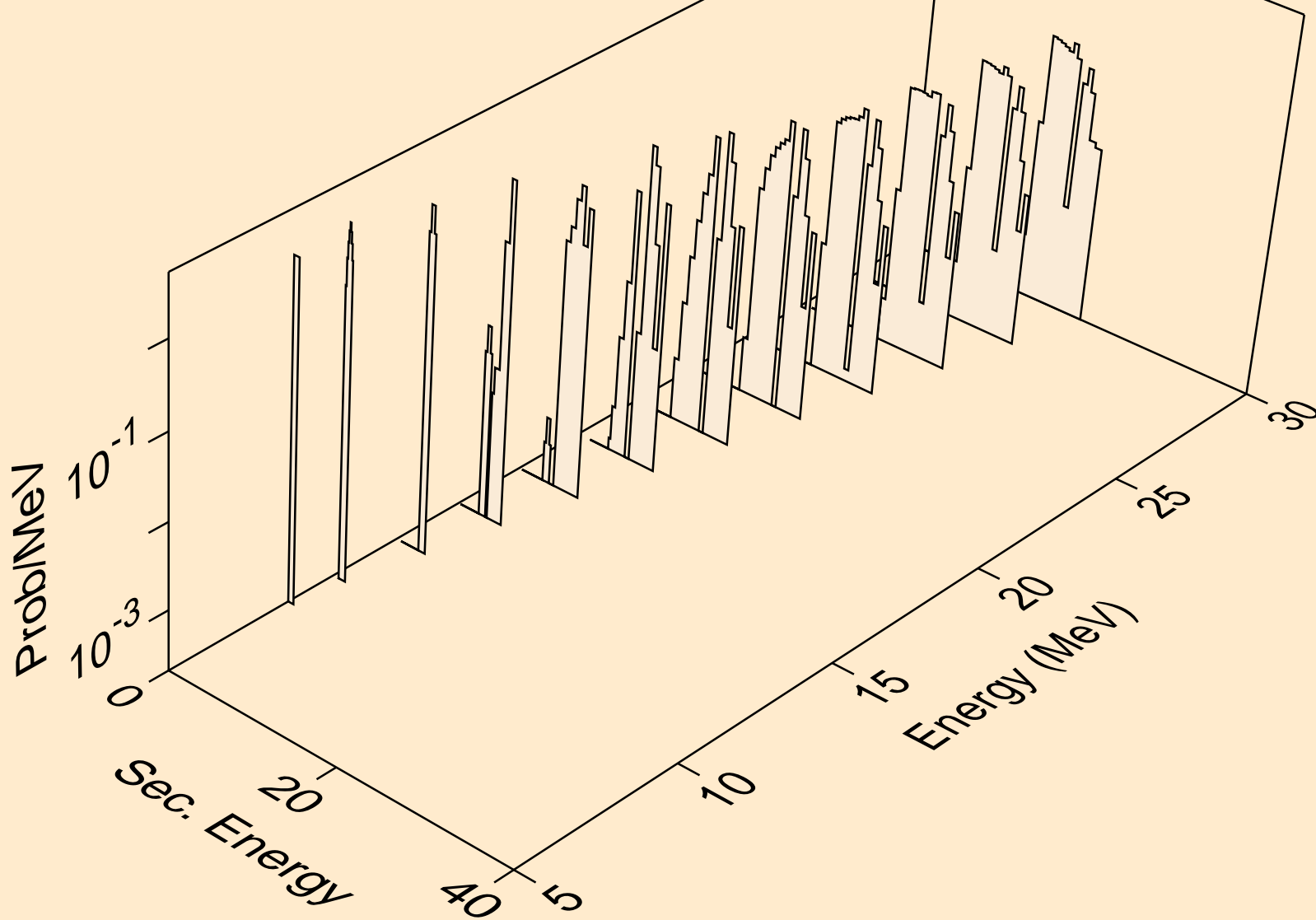
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tritons from (n,x)



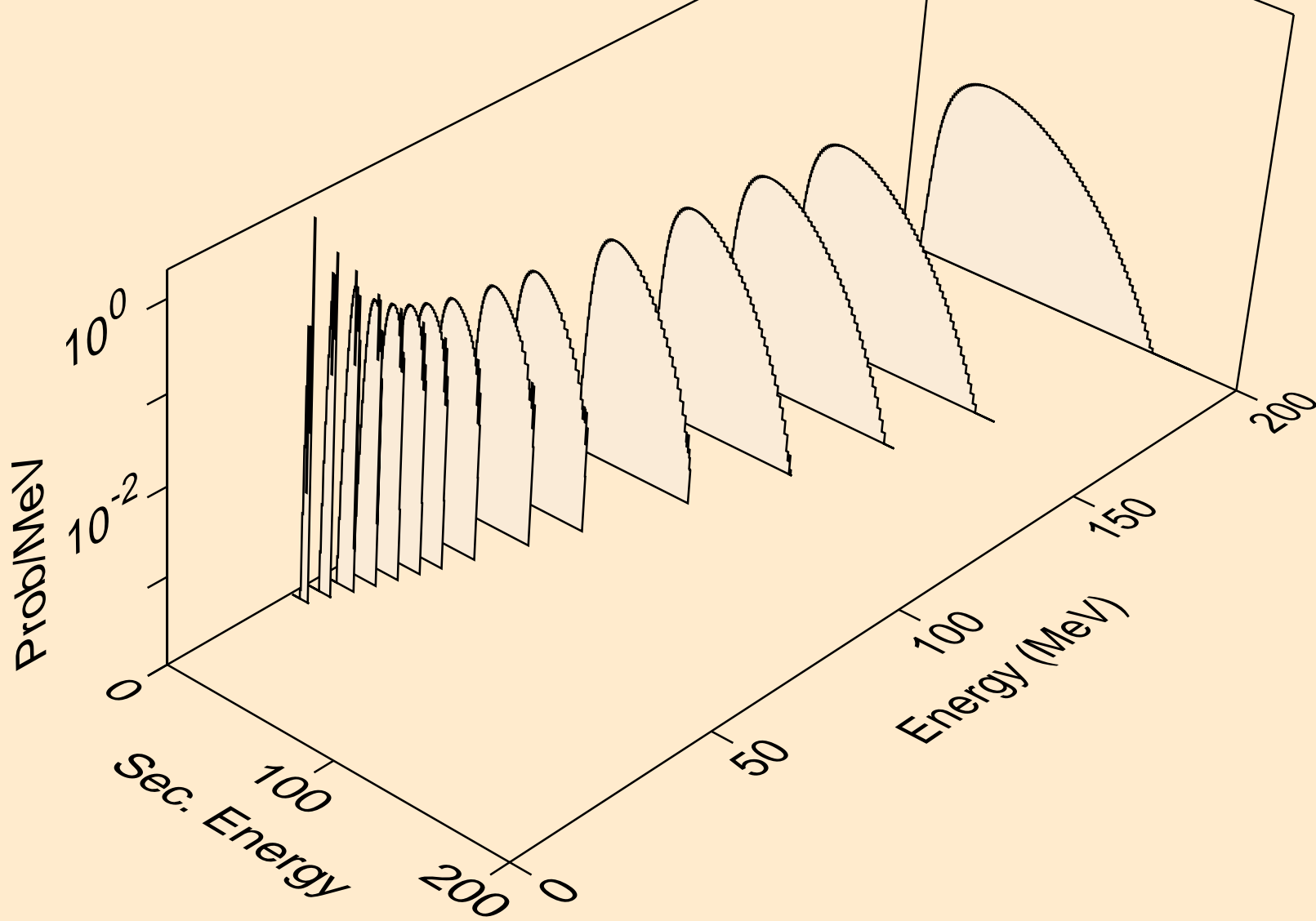
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tritons from (n,n\*)t



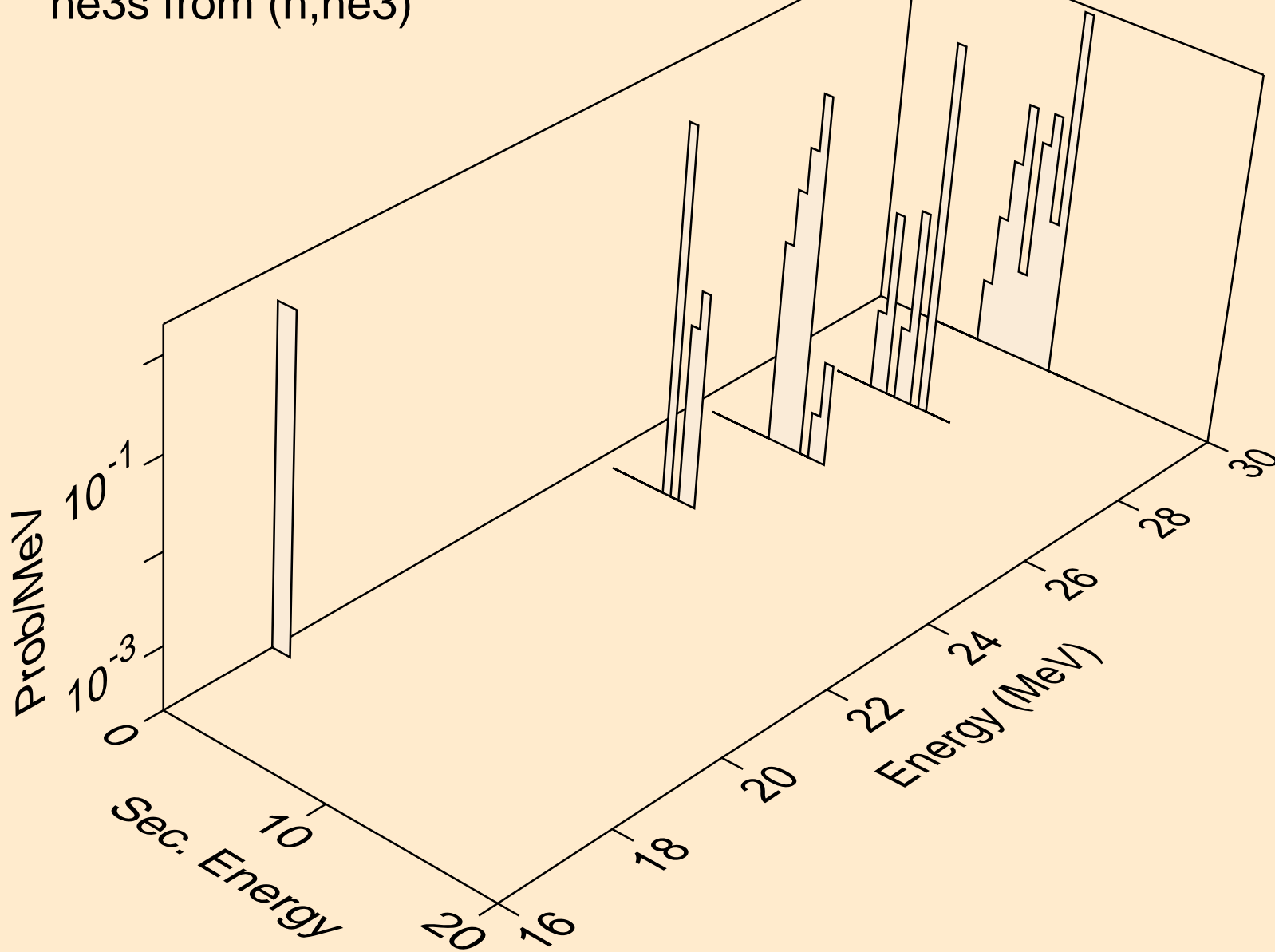
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tritons from (n,t)



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)

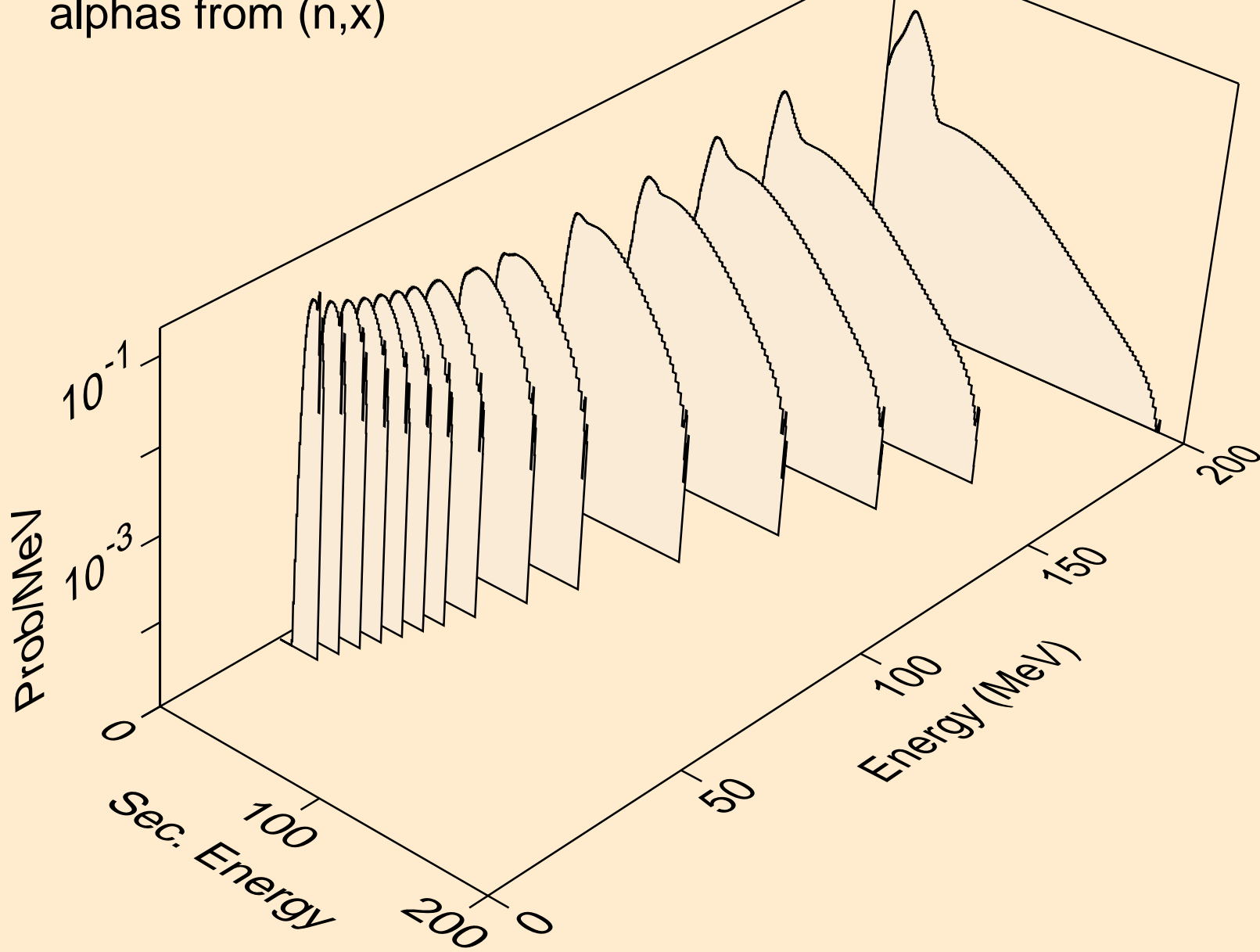


SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)

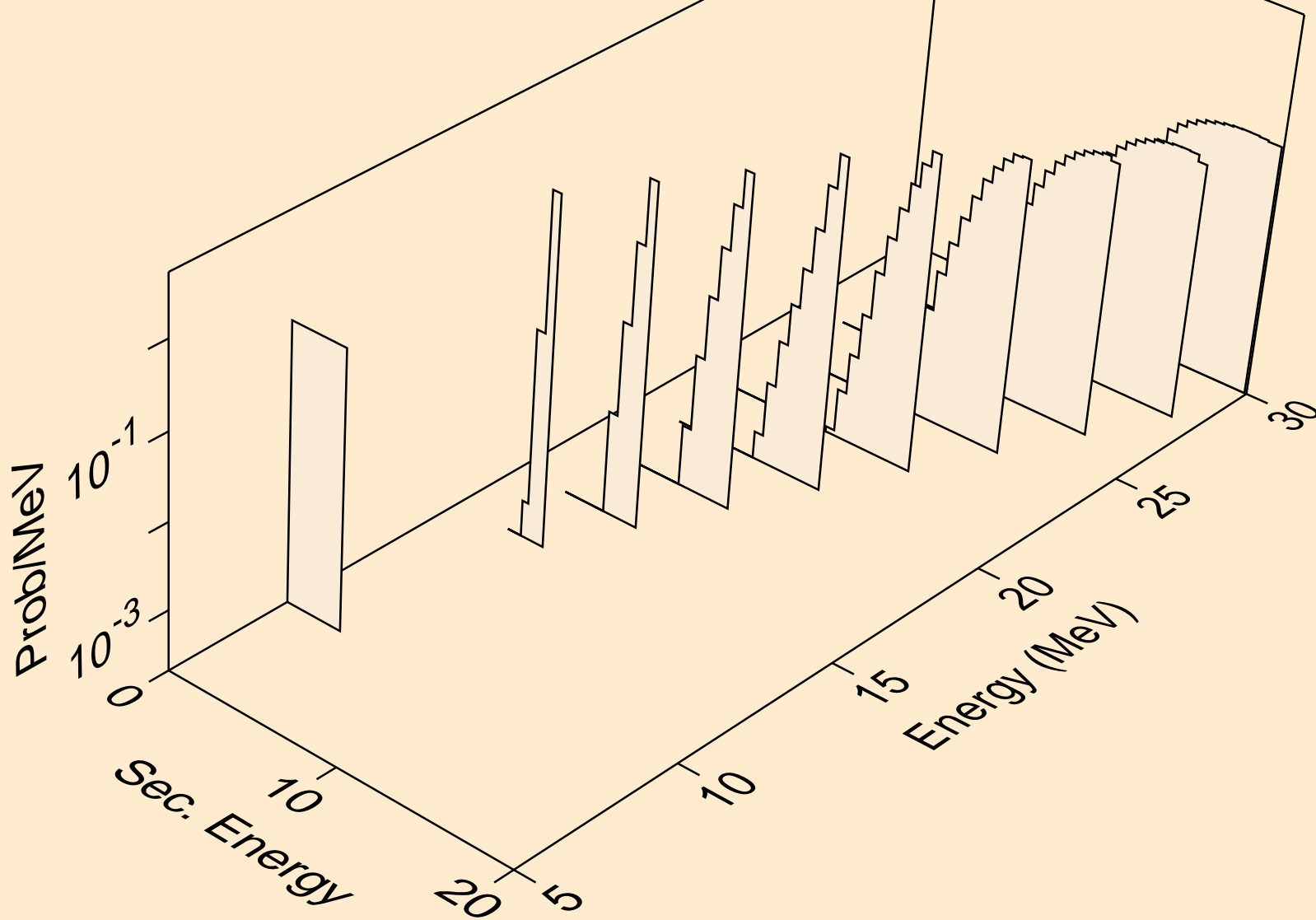




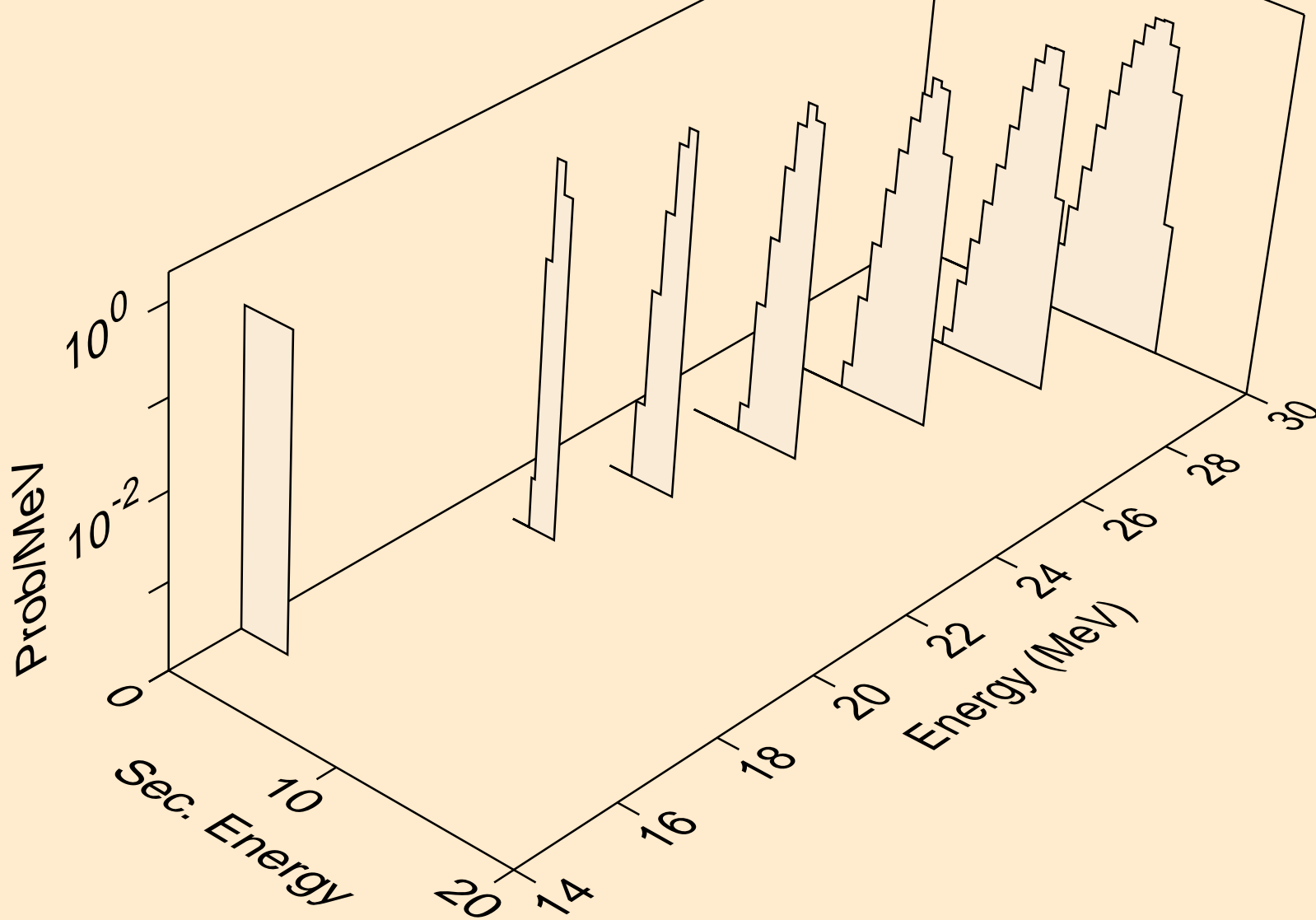
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



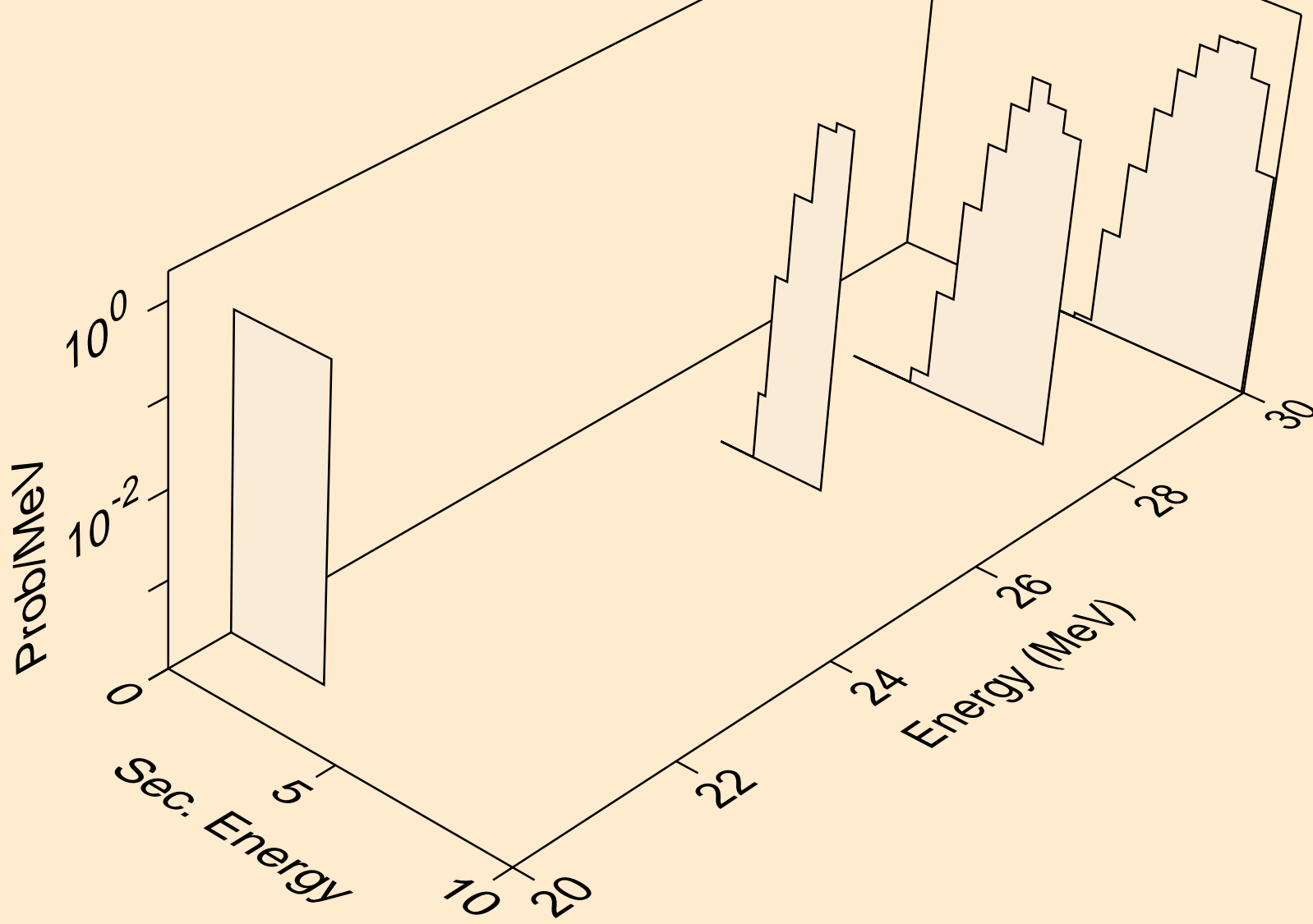
SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



SB133 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

