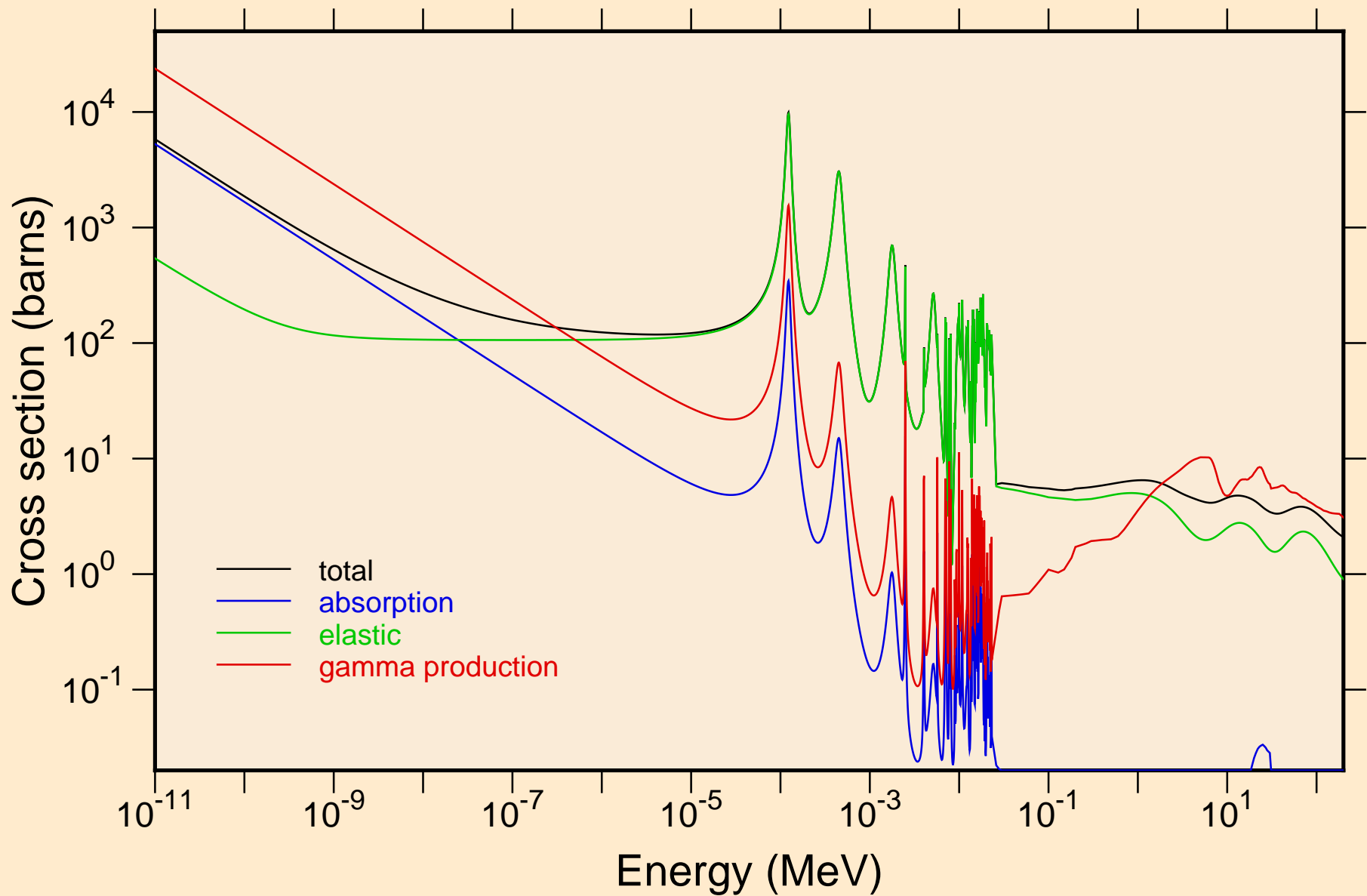
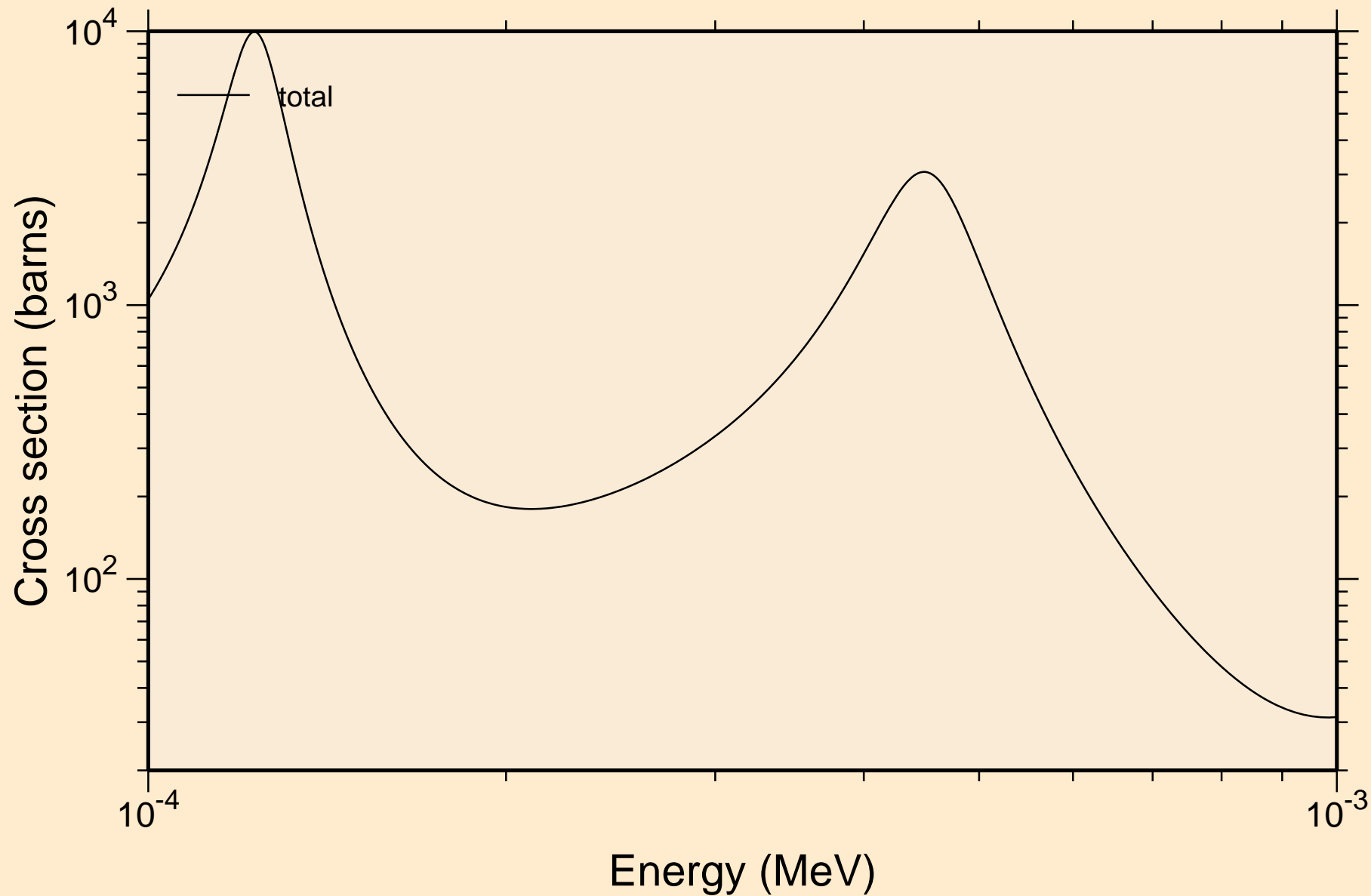


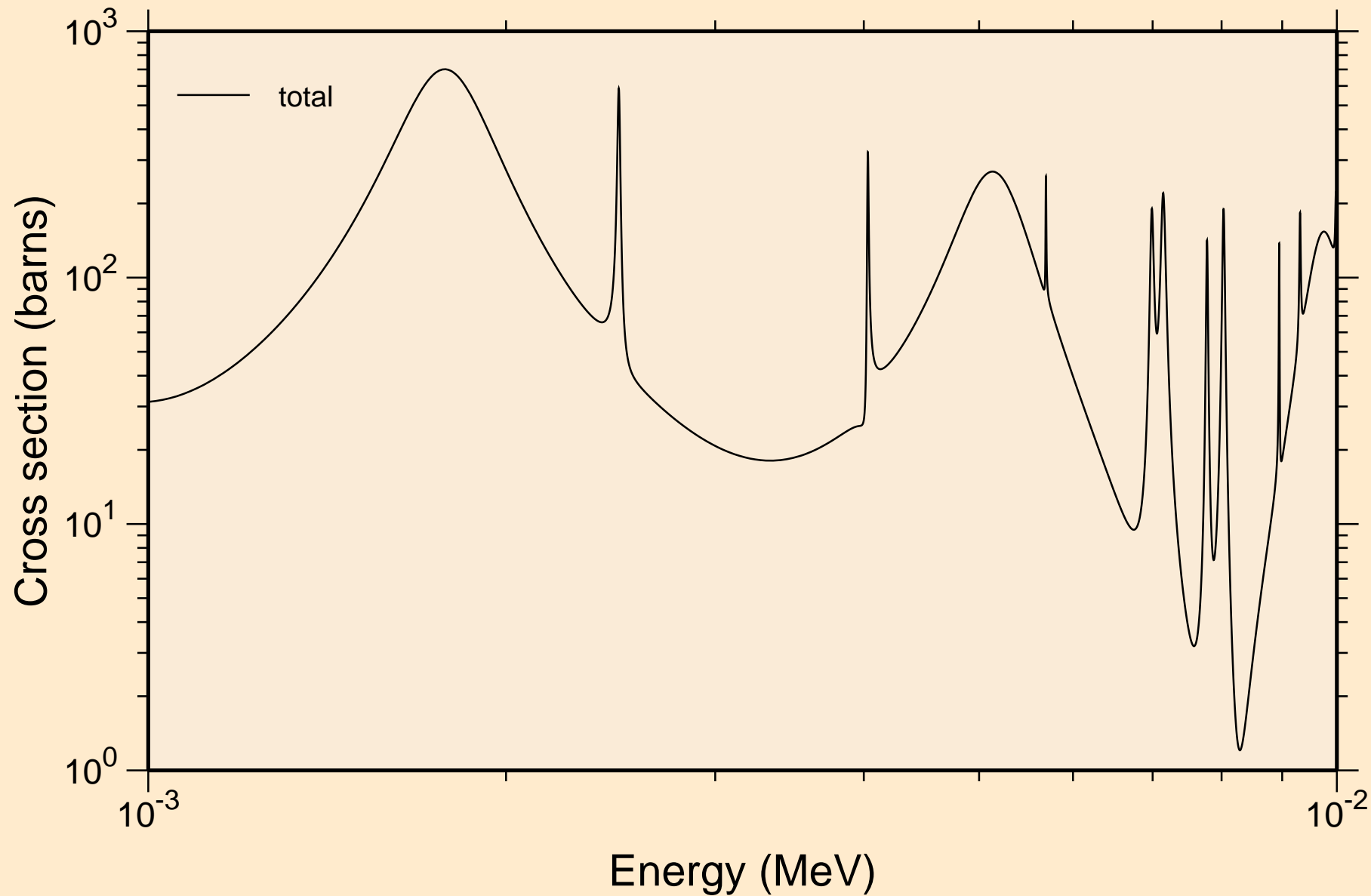
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



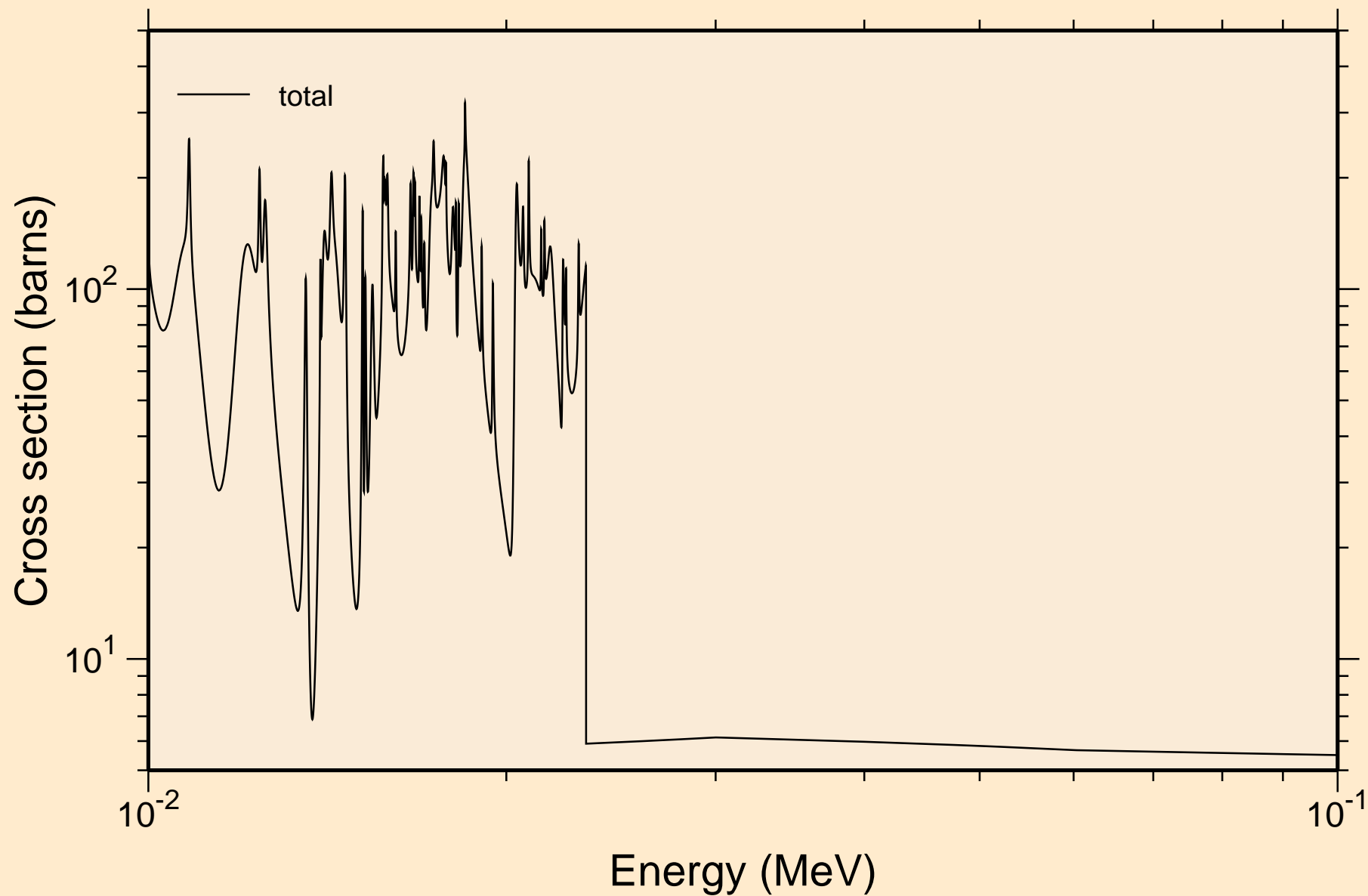
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resonance total cross section



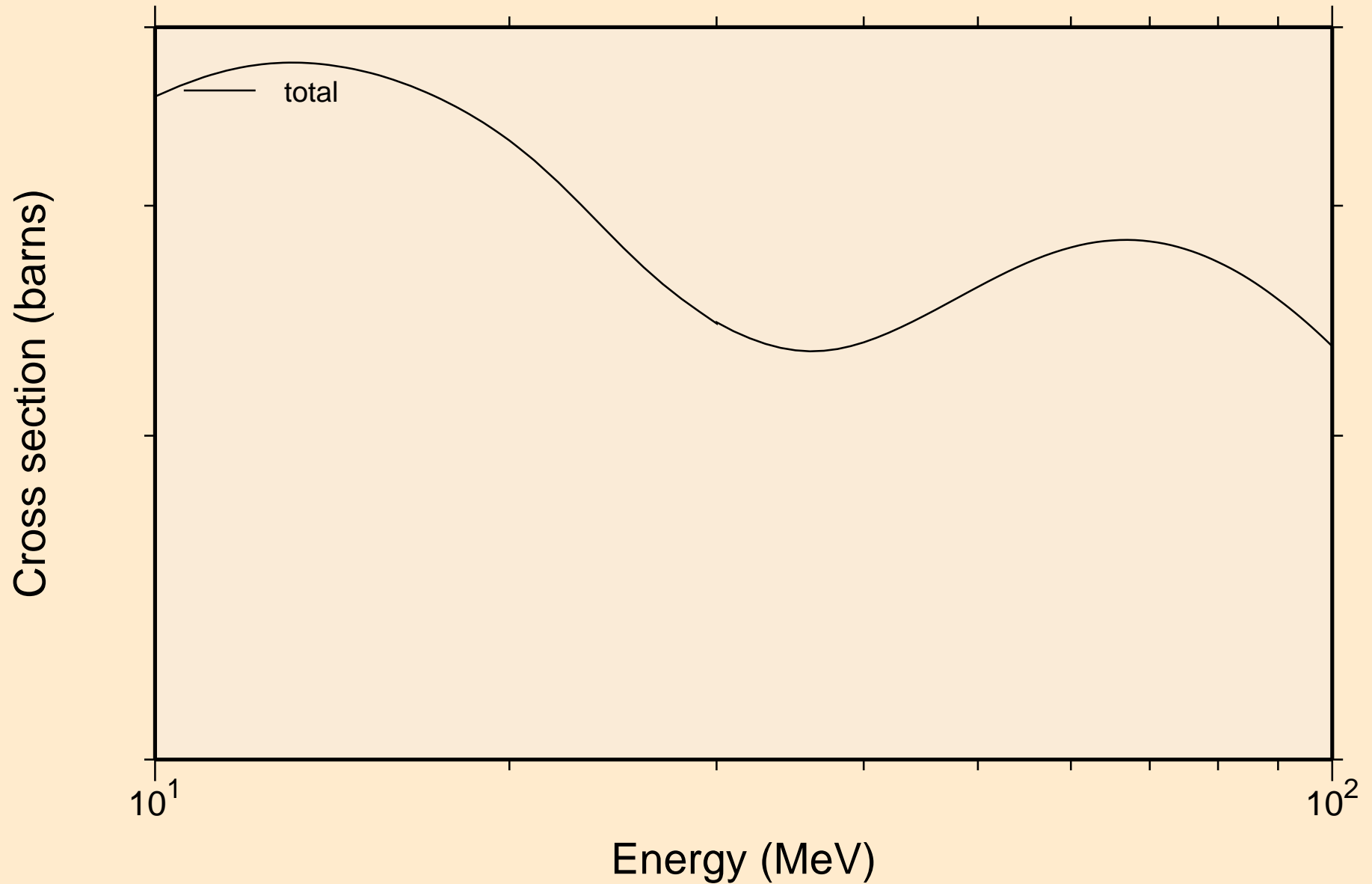
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resonance total cross section



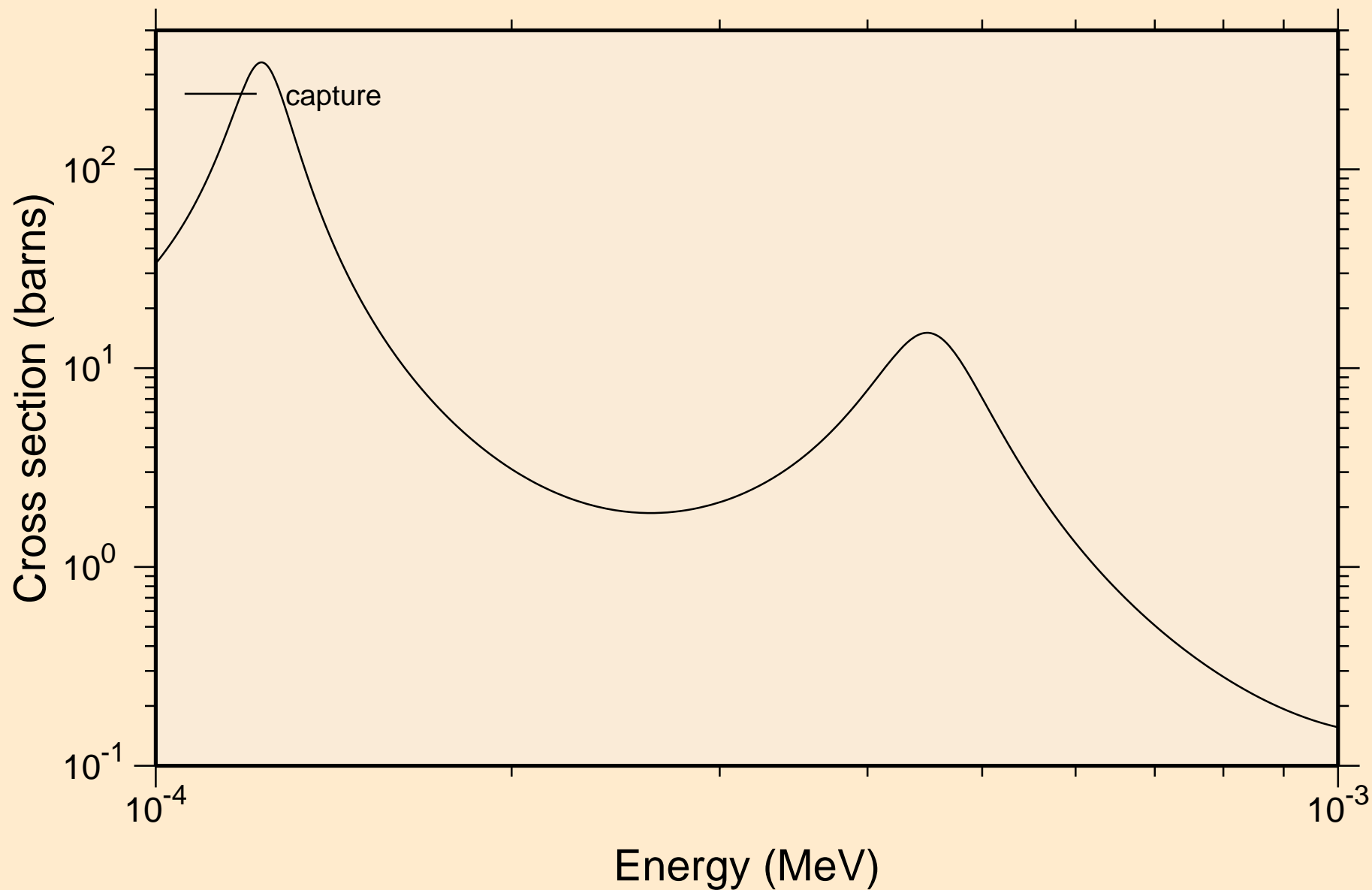
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resonance total cross section



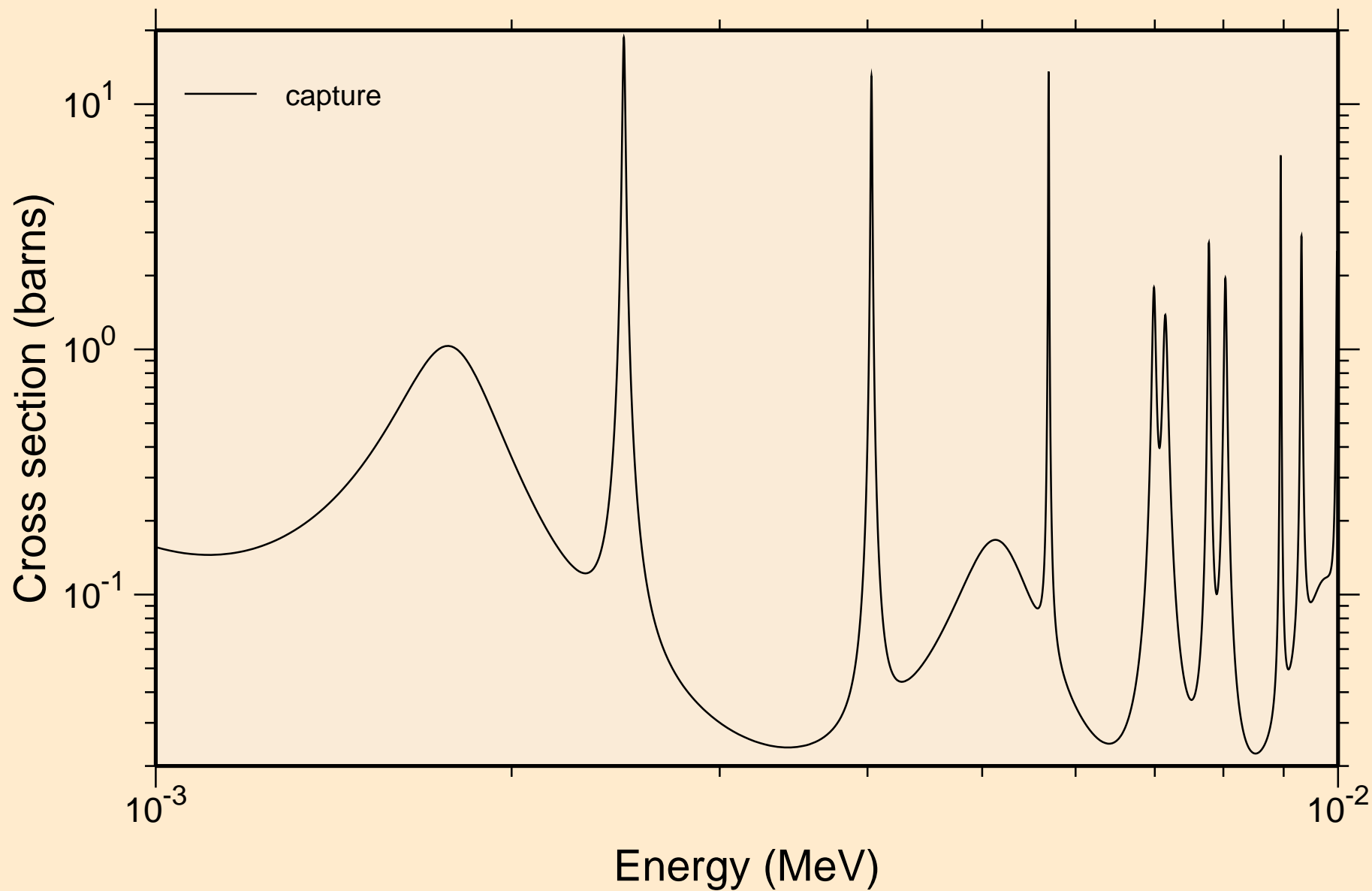
S $\bar{B}$ 129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



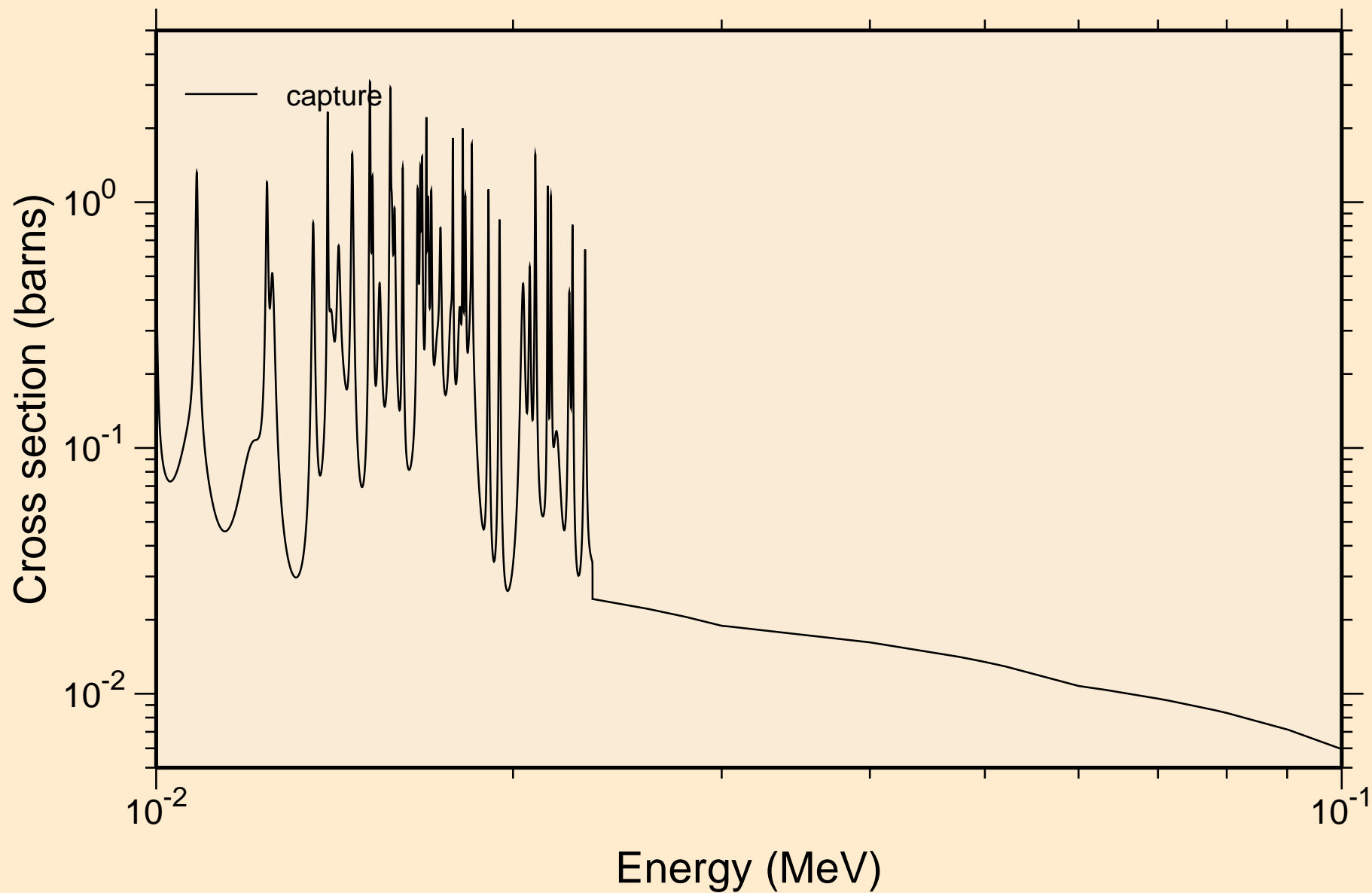
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

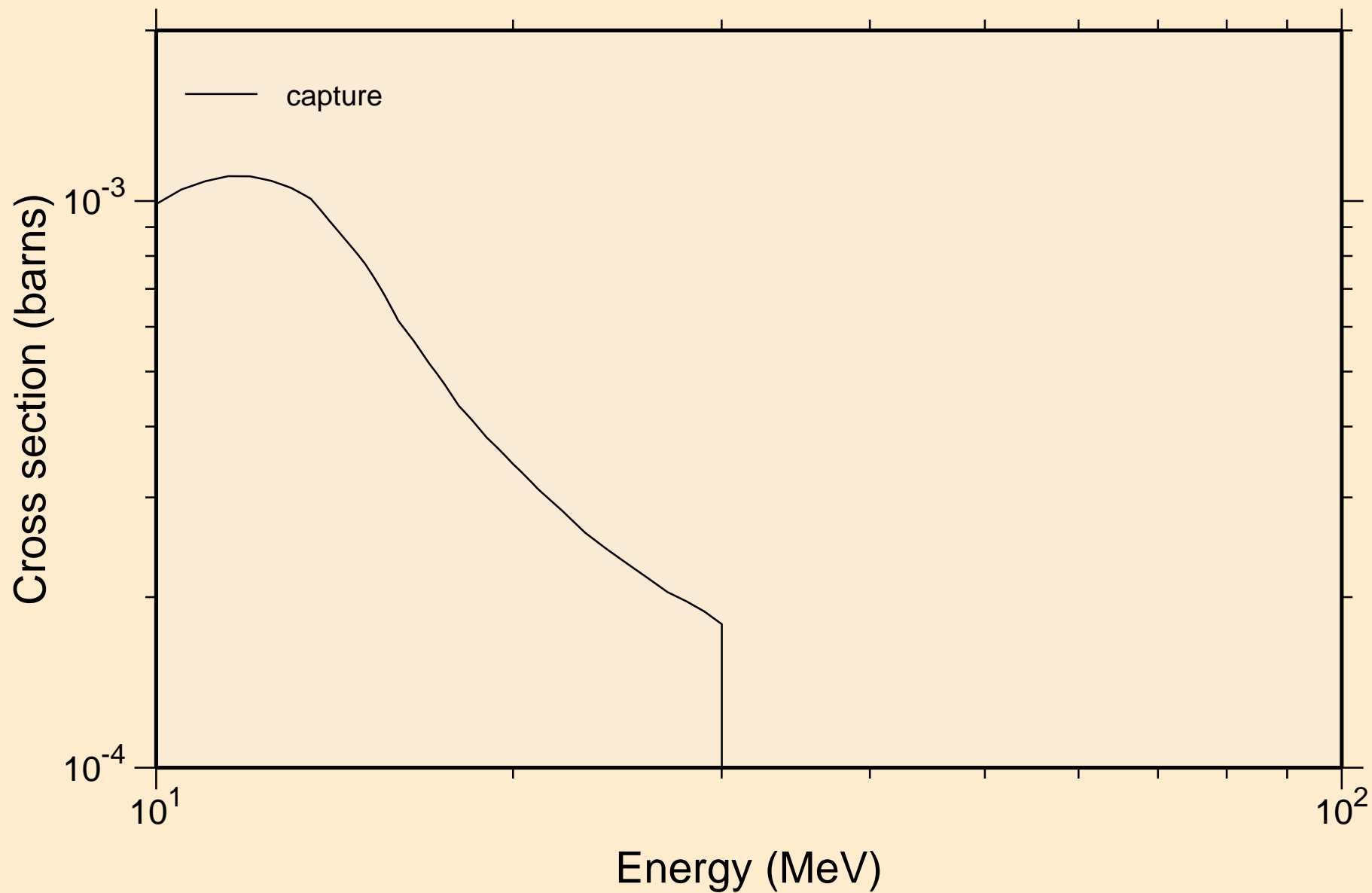


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

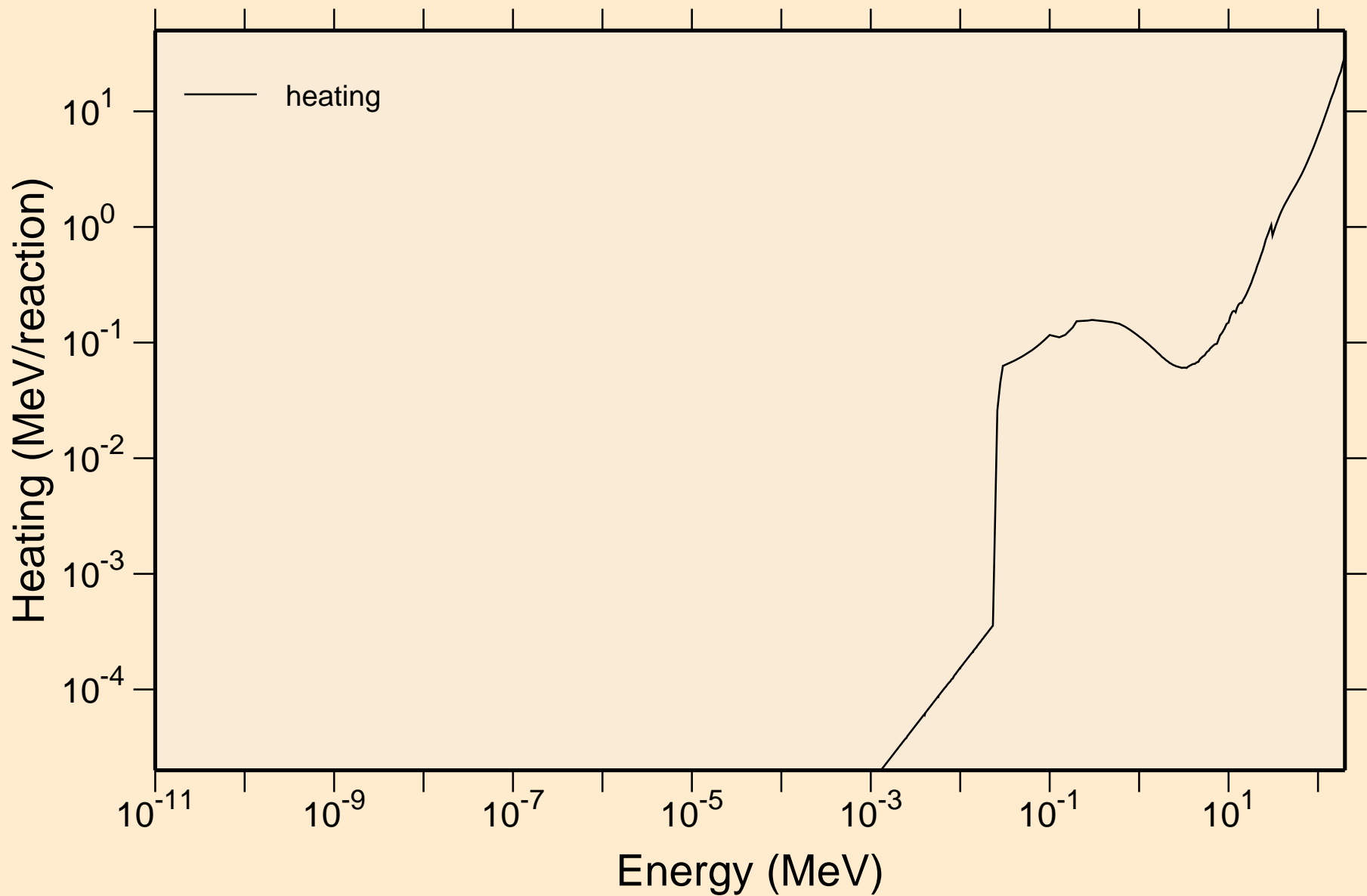




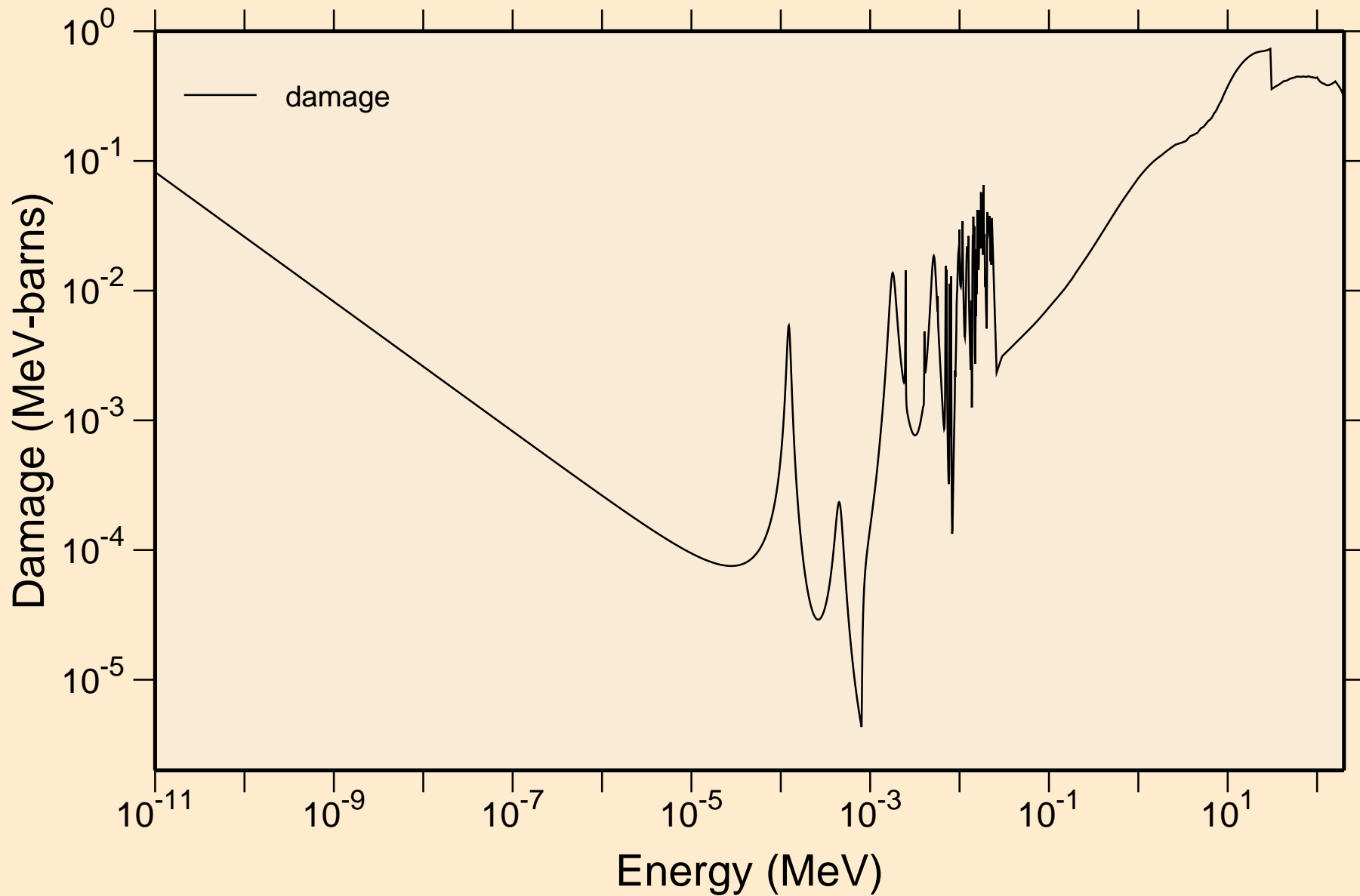
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resonance absorption cross sections



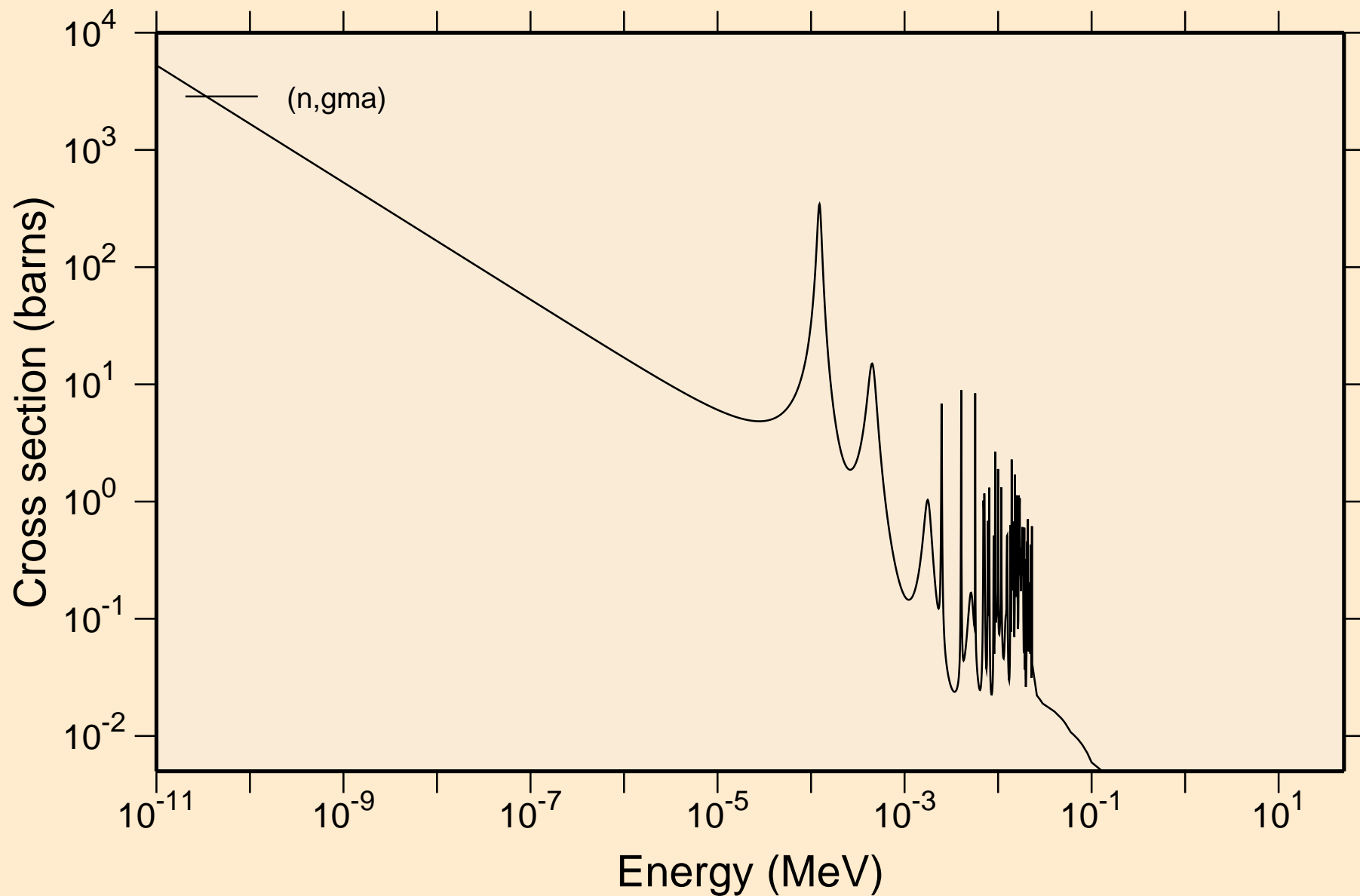
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Heating



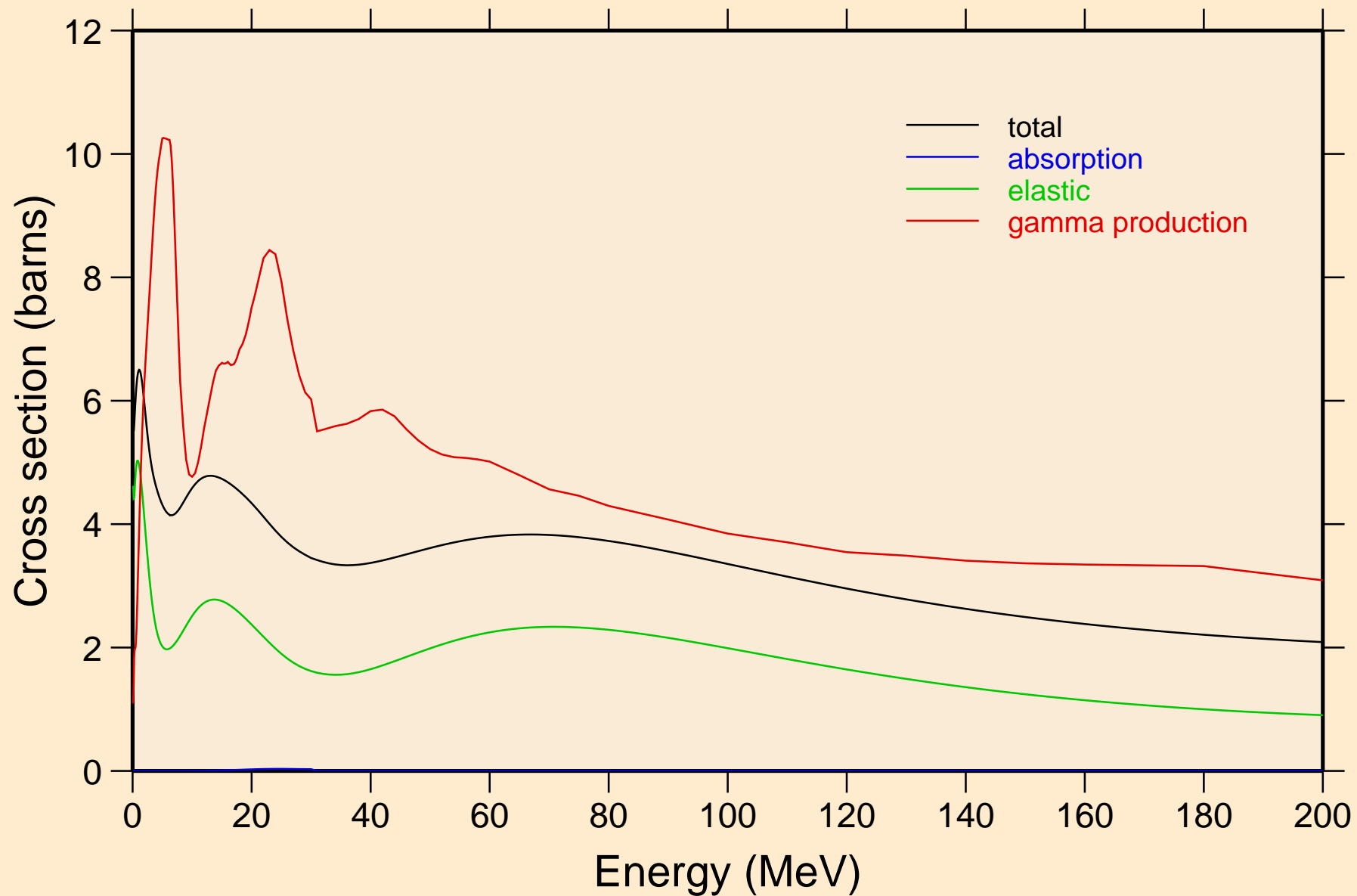
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Damage



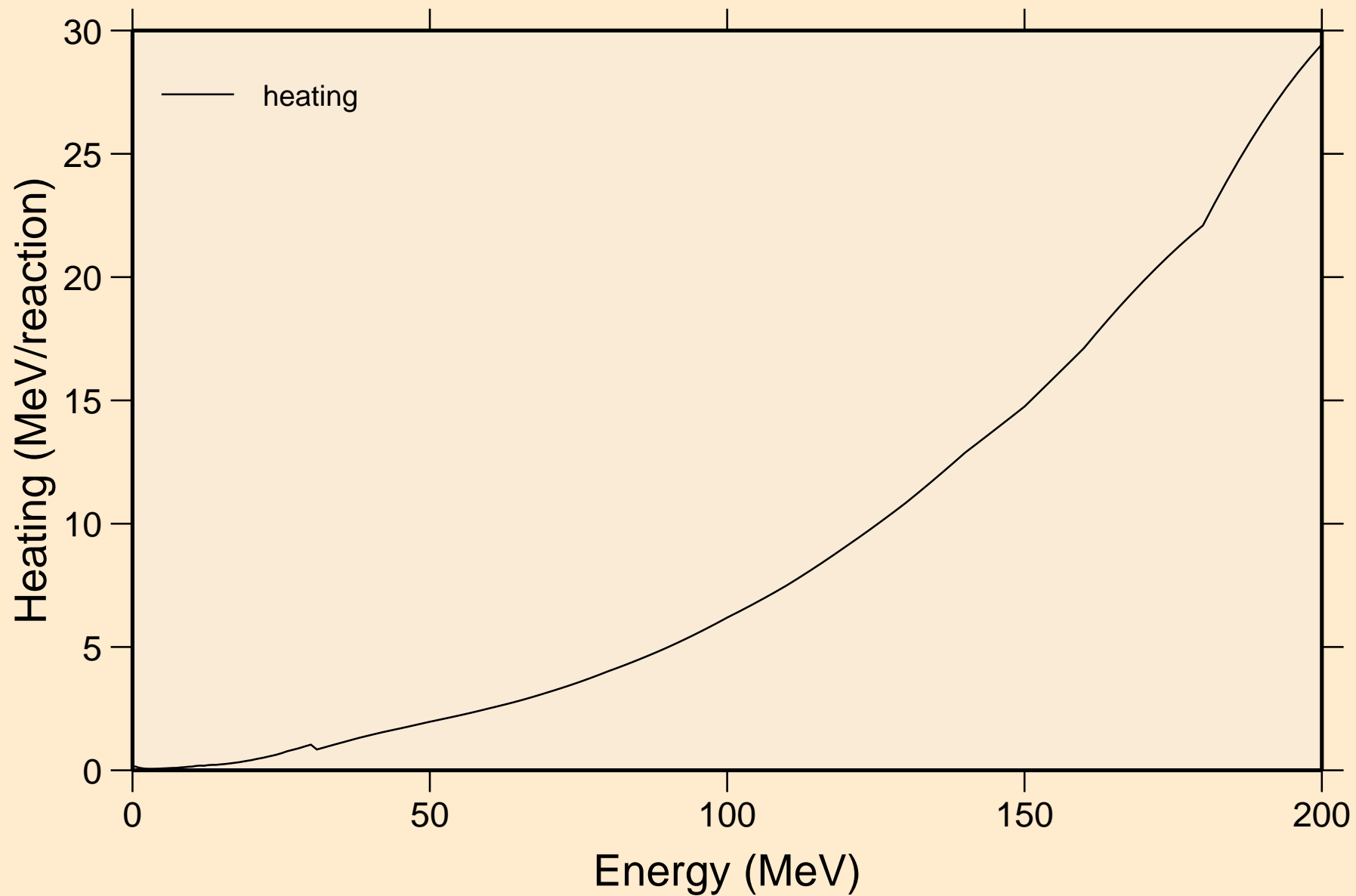
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Non-threshold reactions



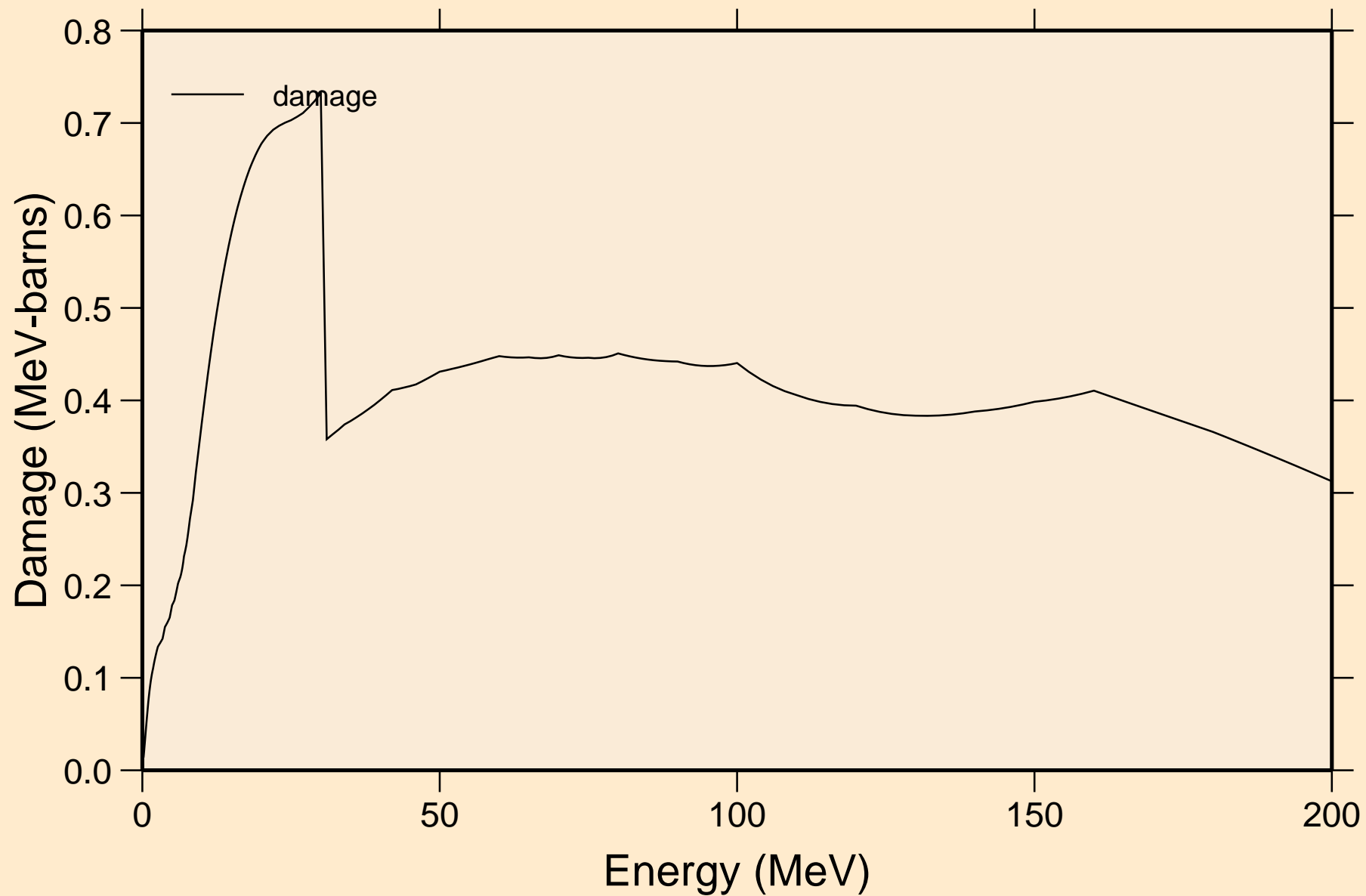
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Principal cross sections



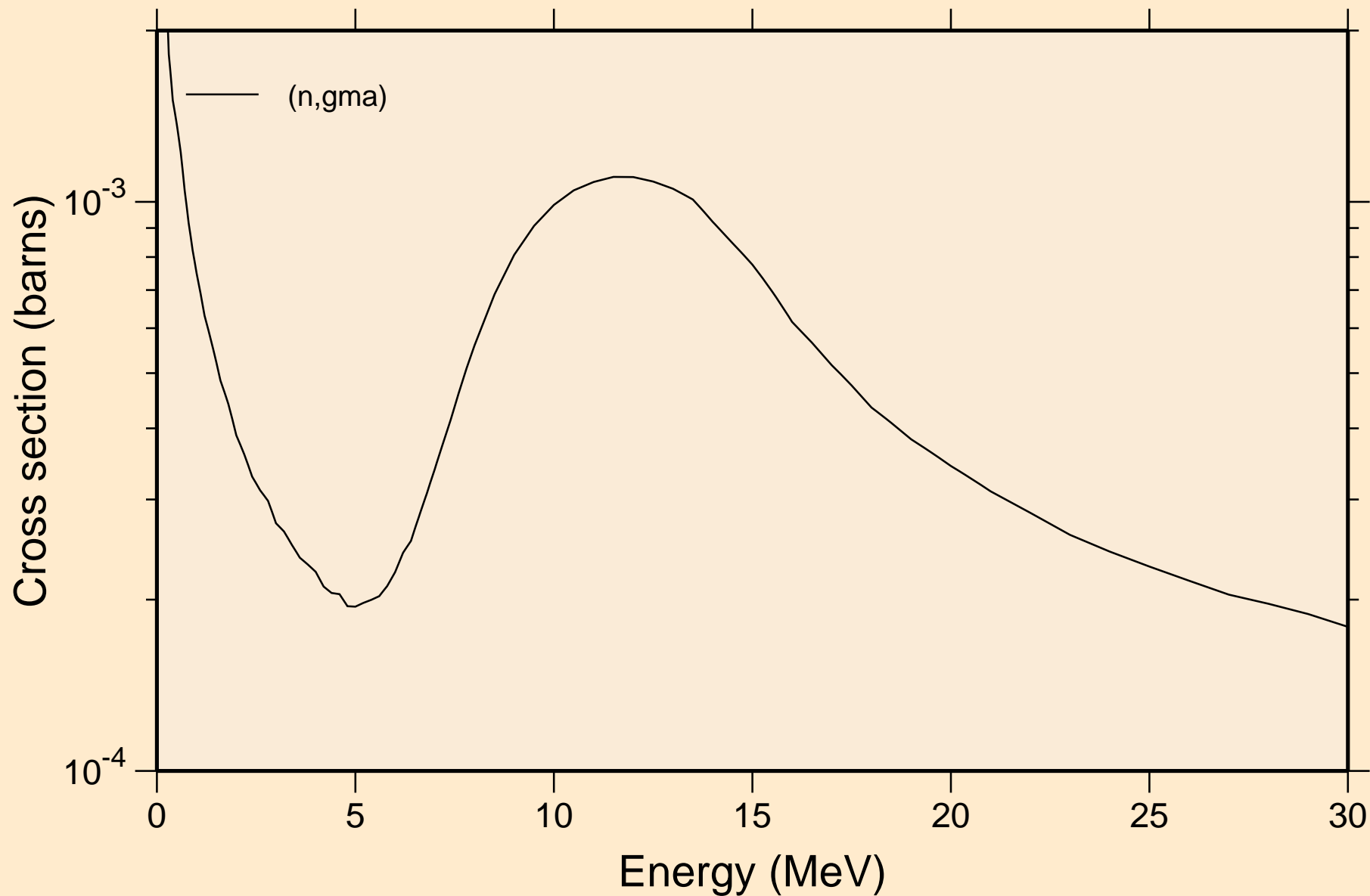
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Heating



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

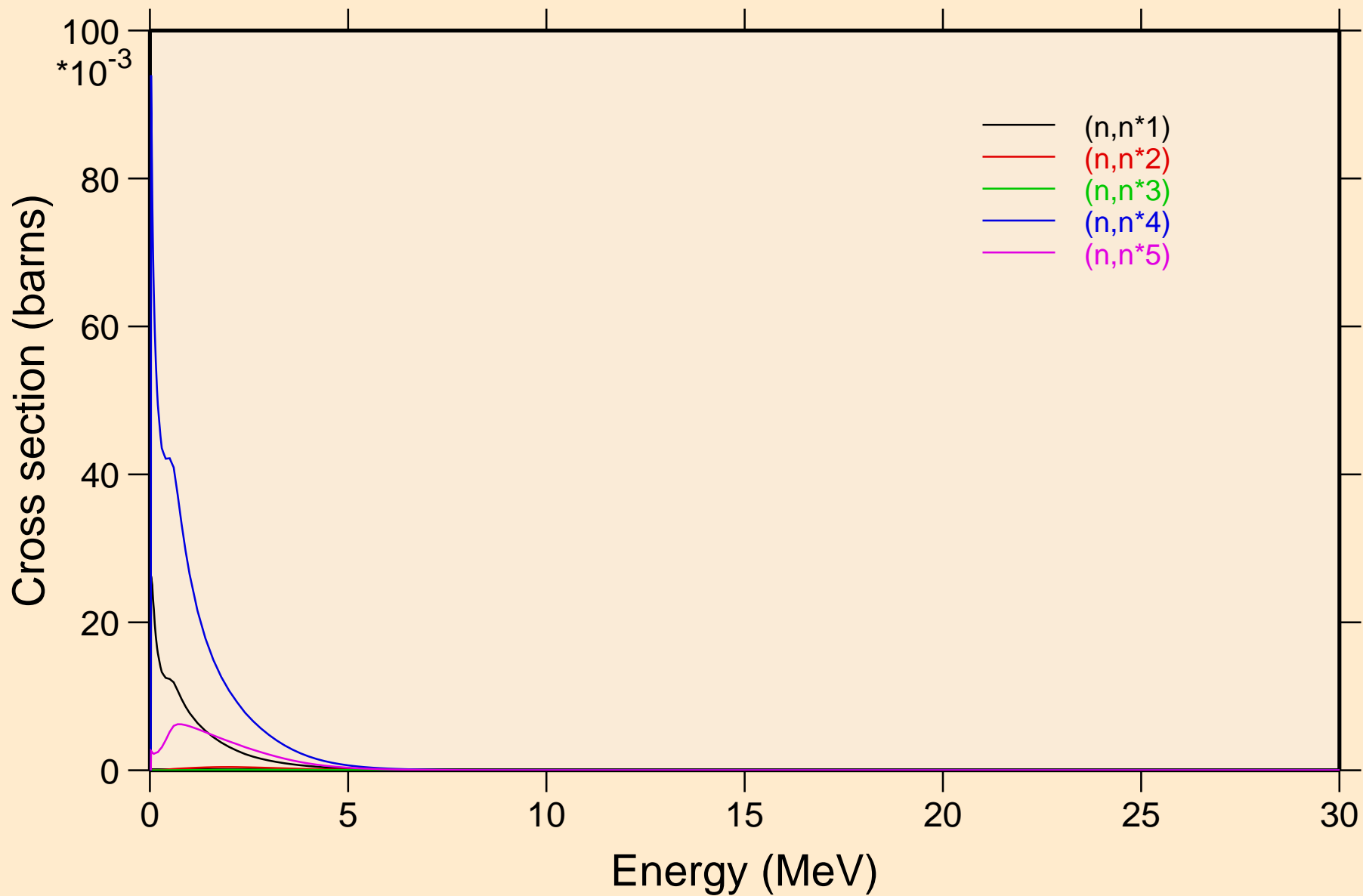


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

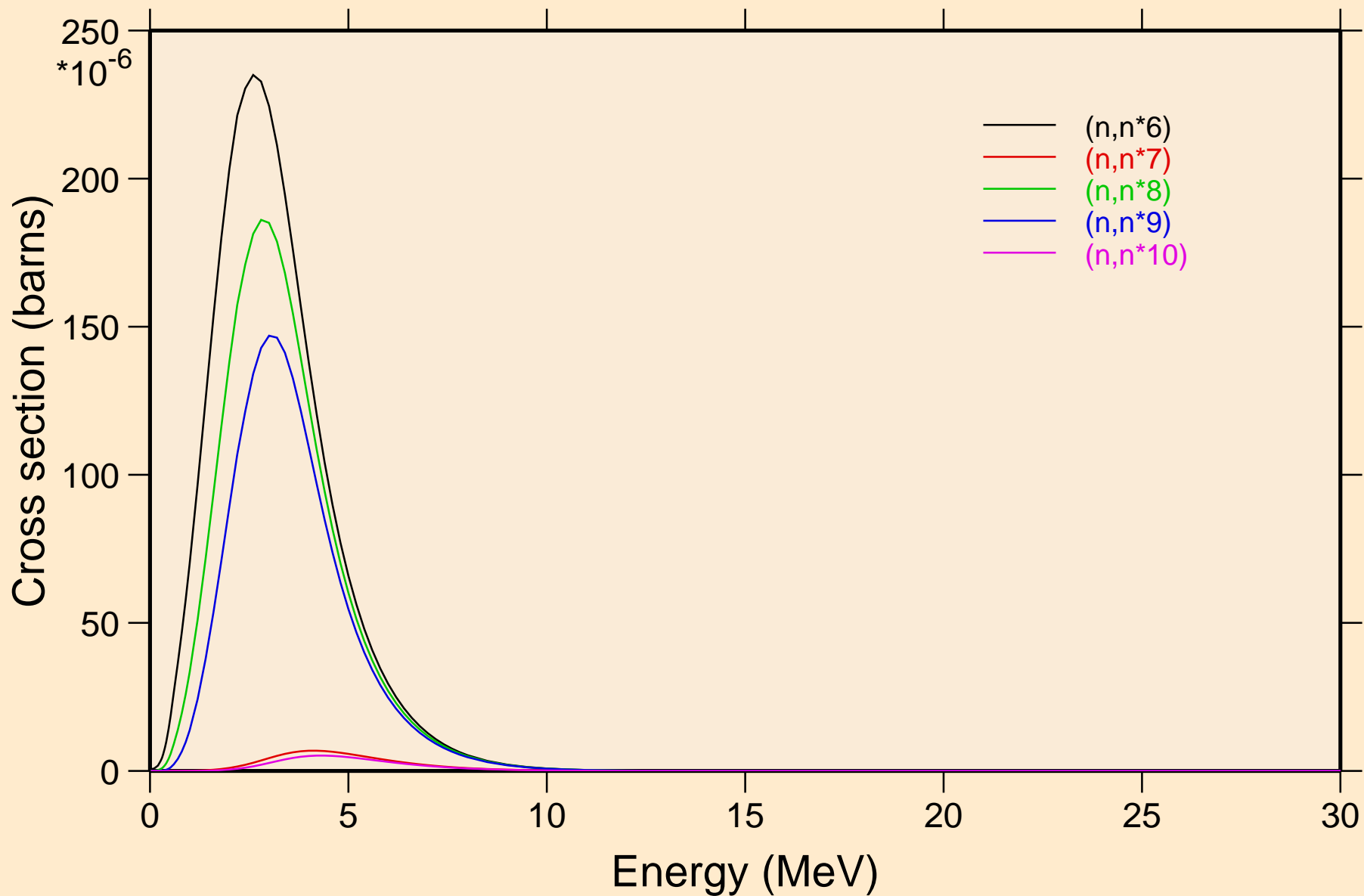




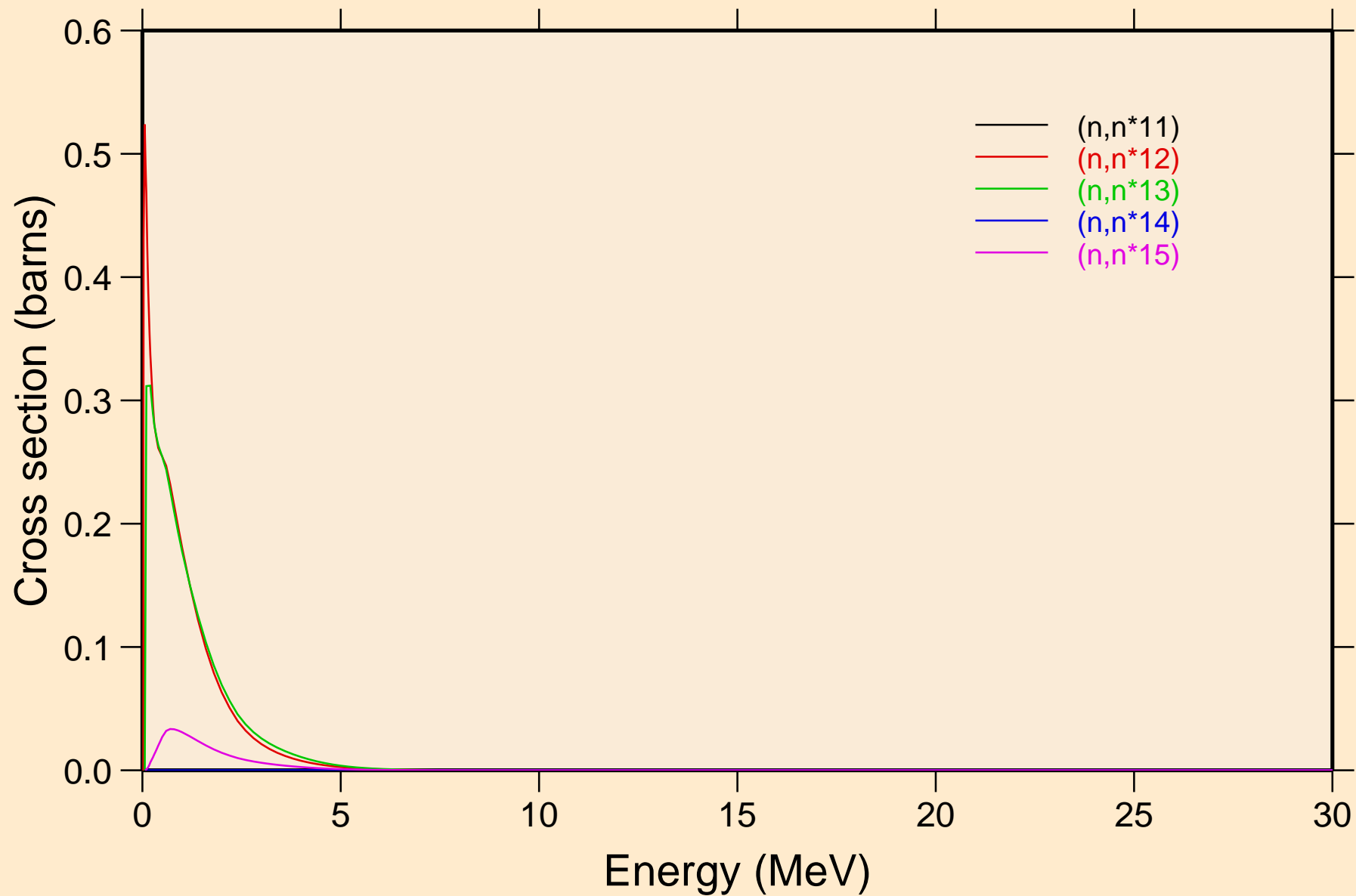
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Inelastic levels



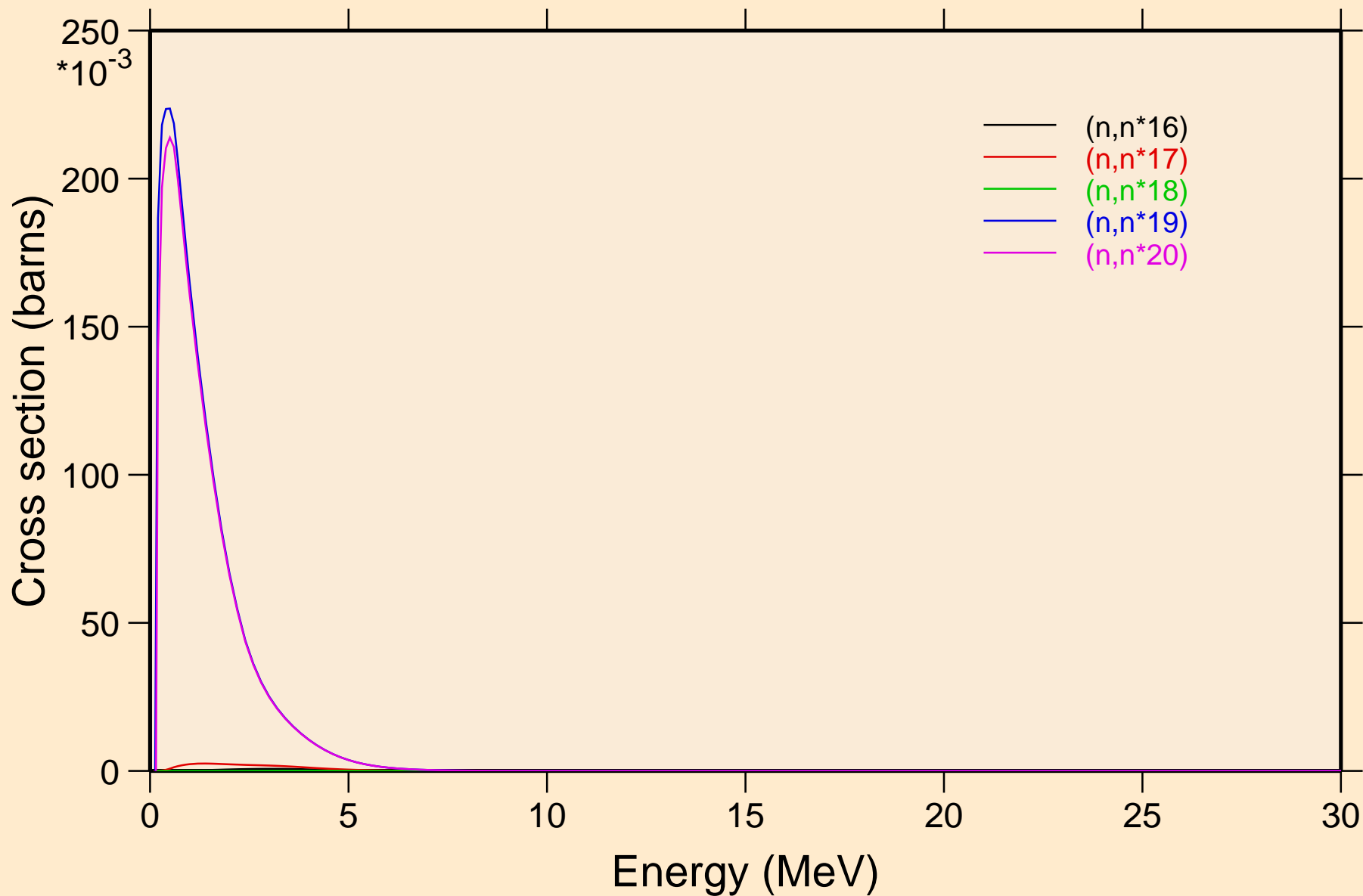
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



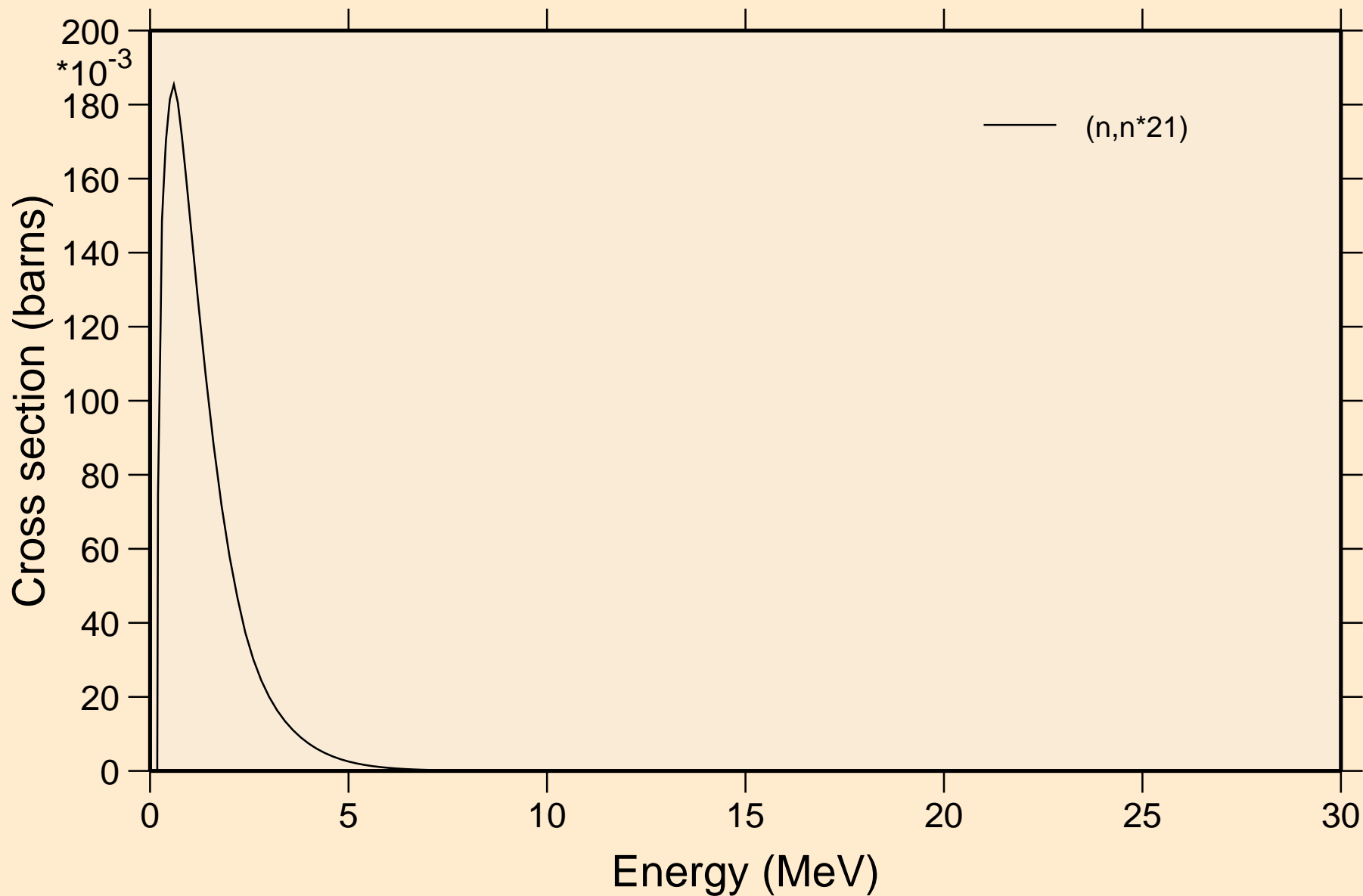
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

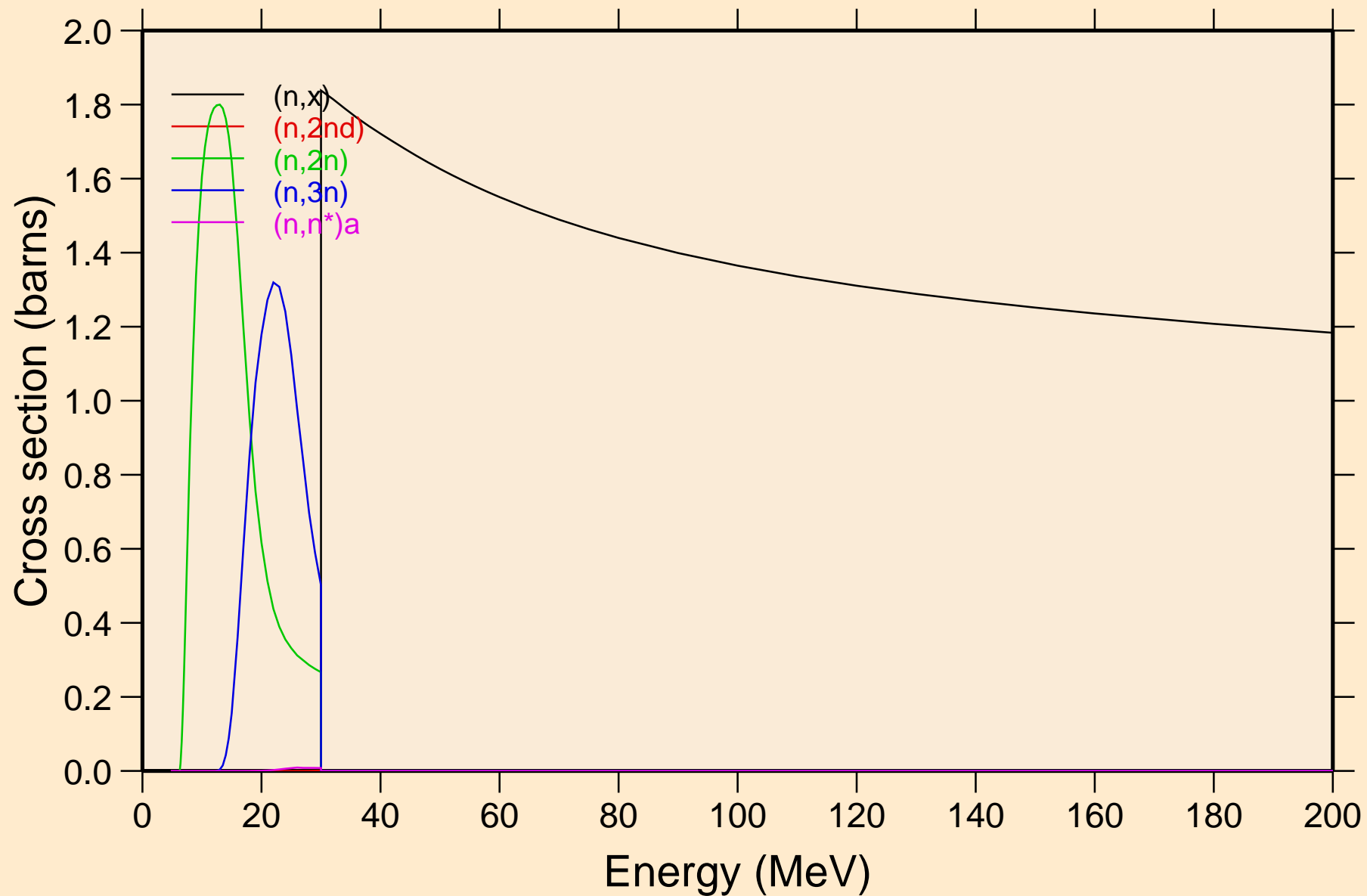


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

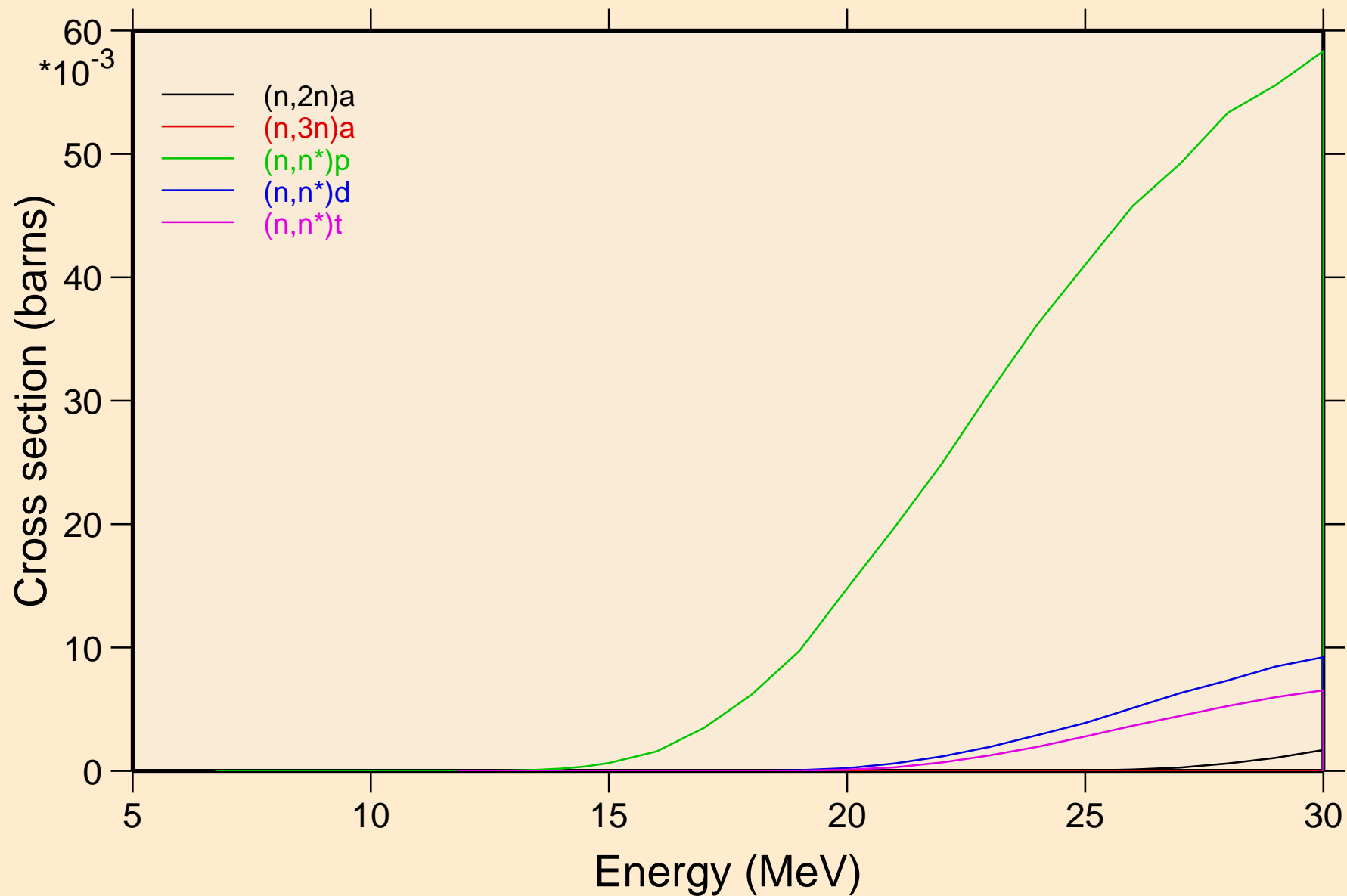


# SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

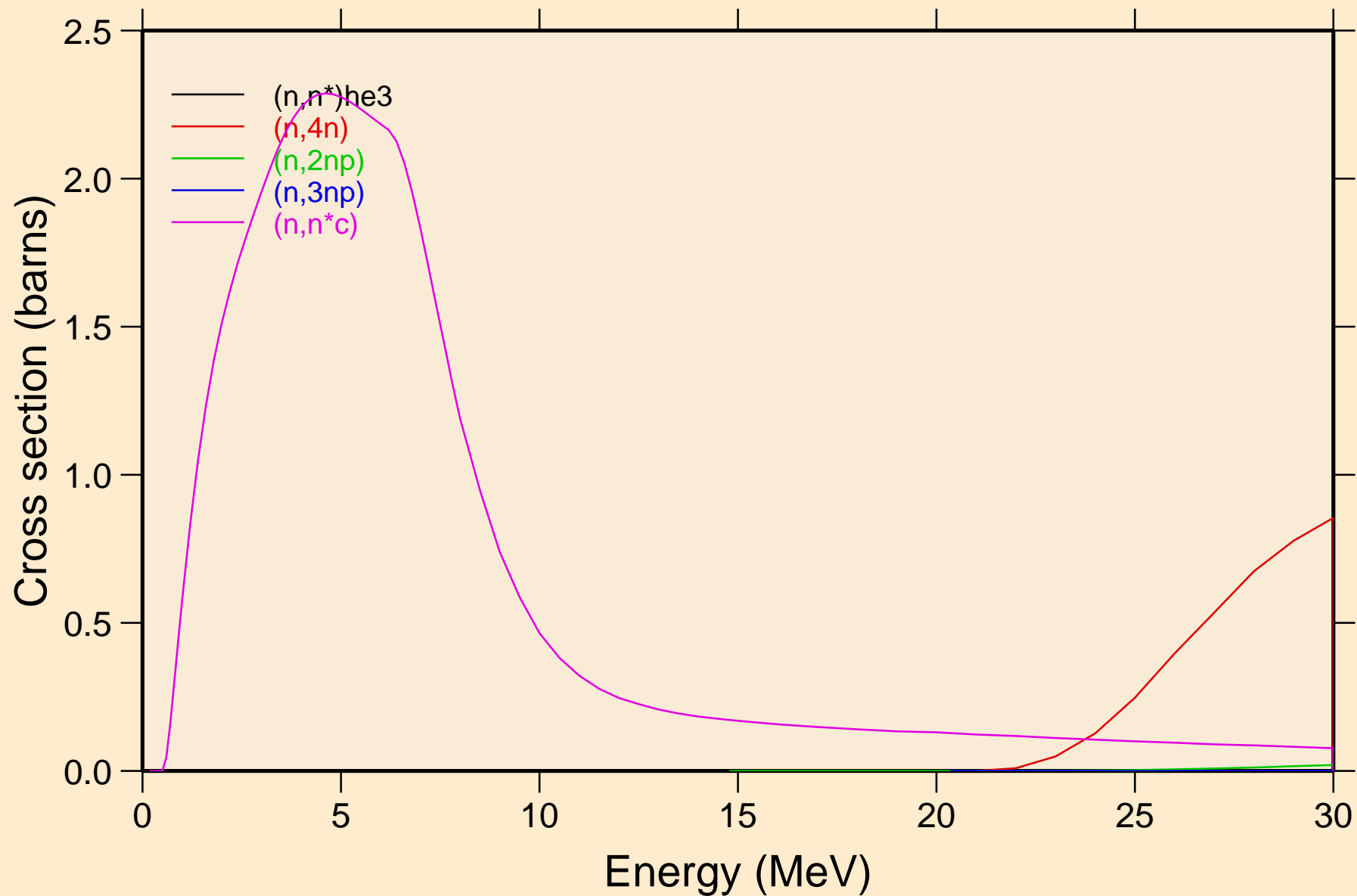
## Threshold reactions



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

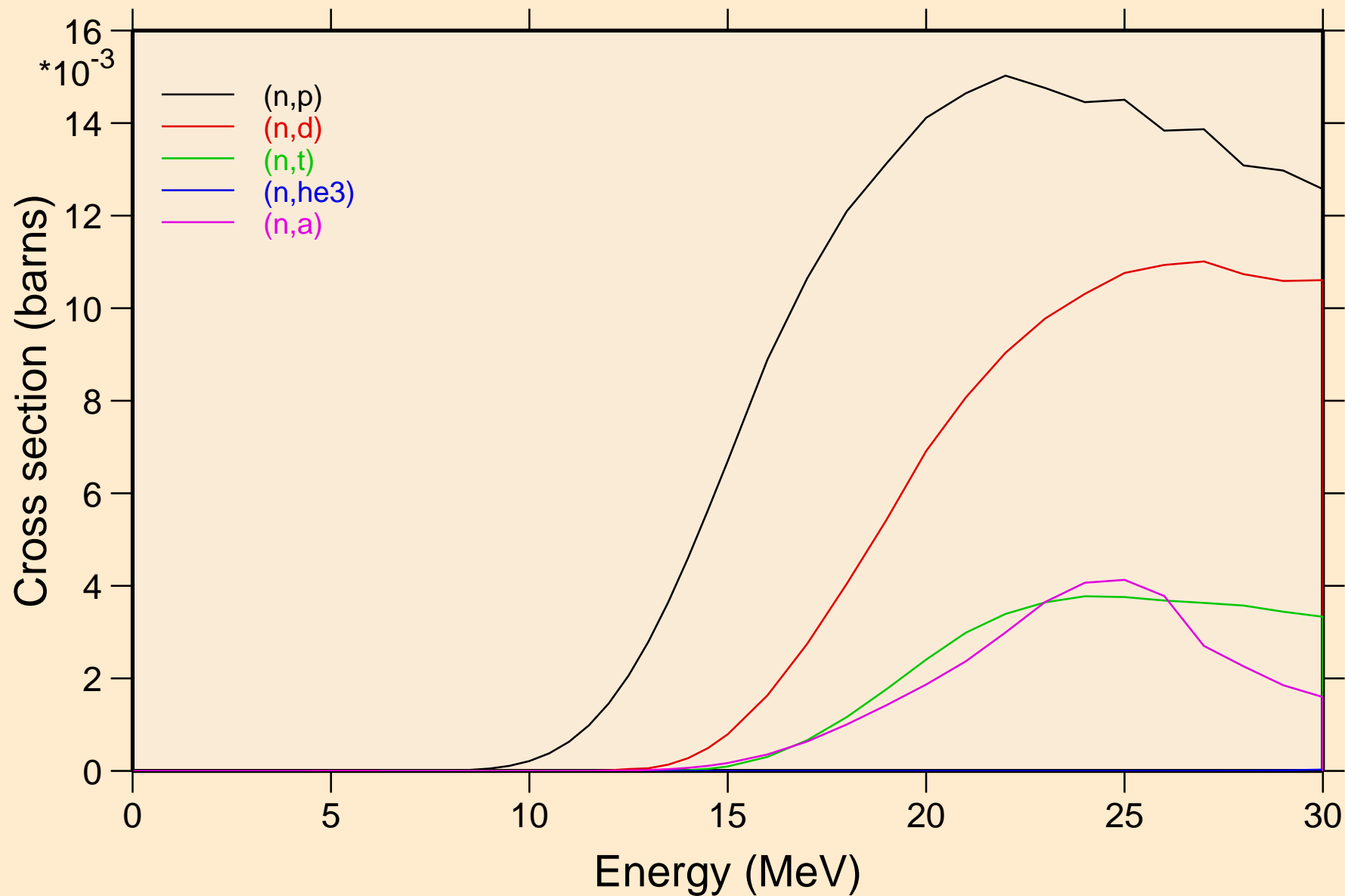


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

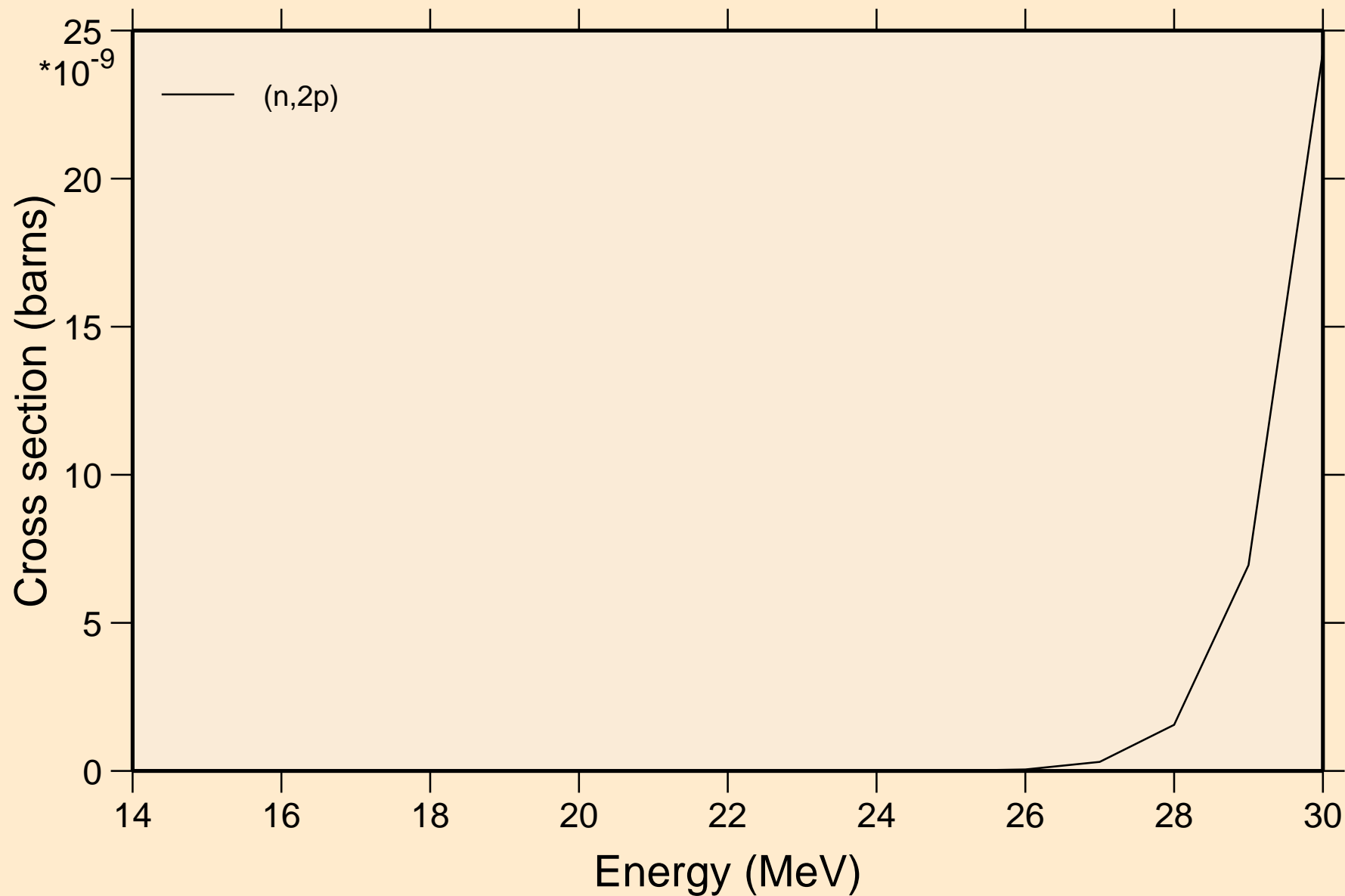




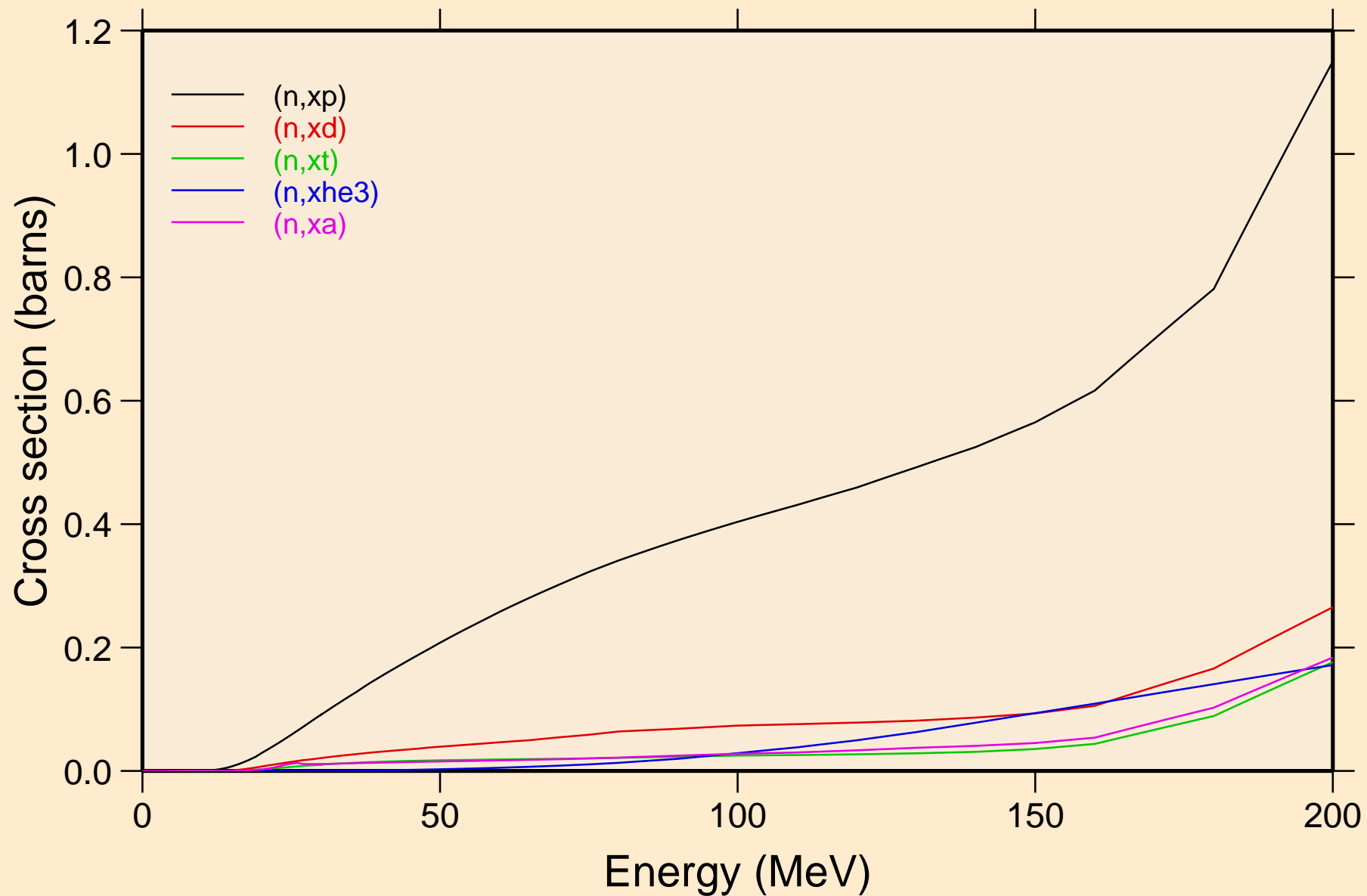
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



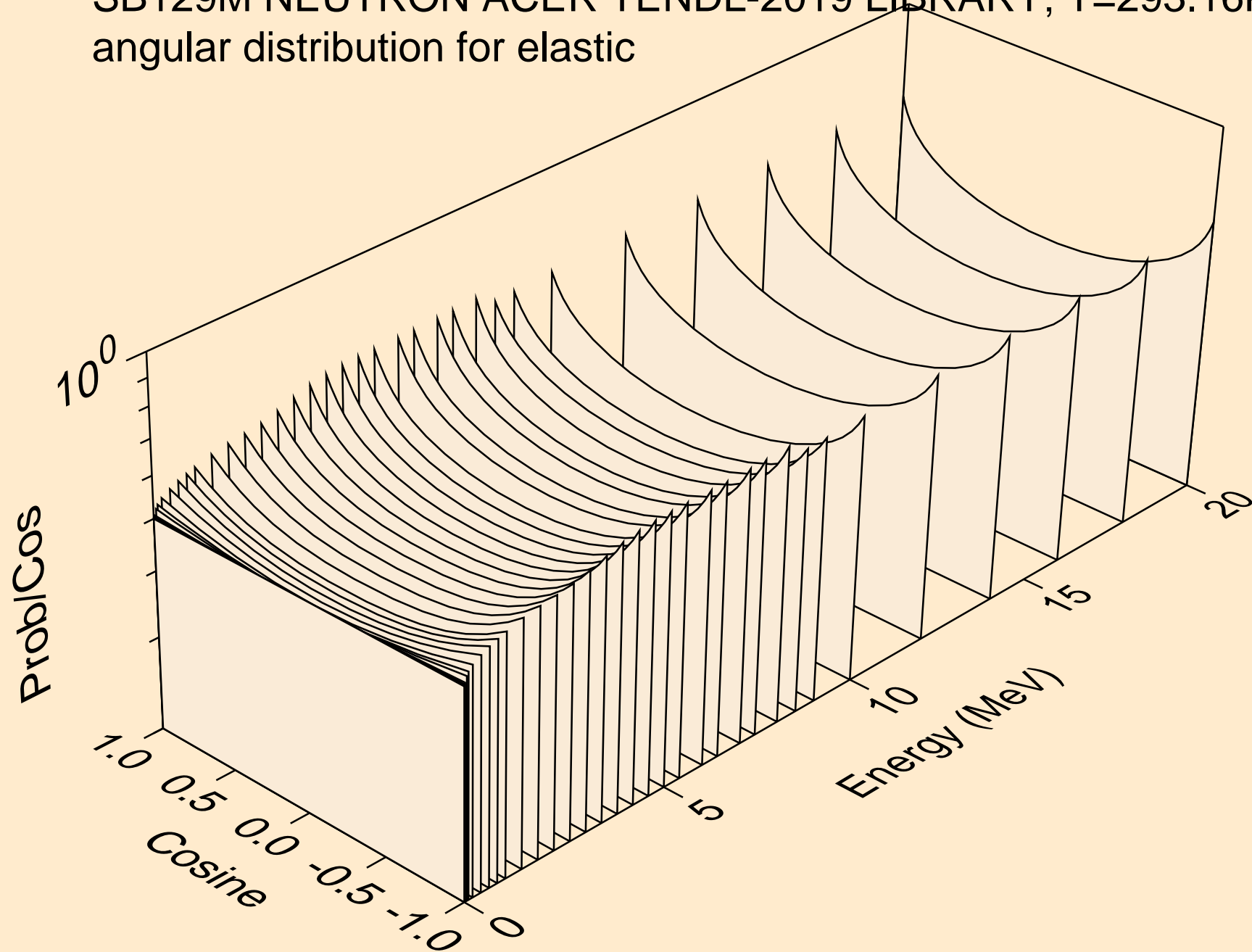
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



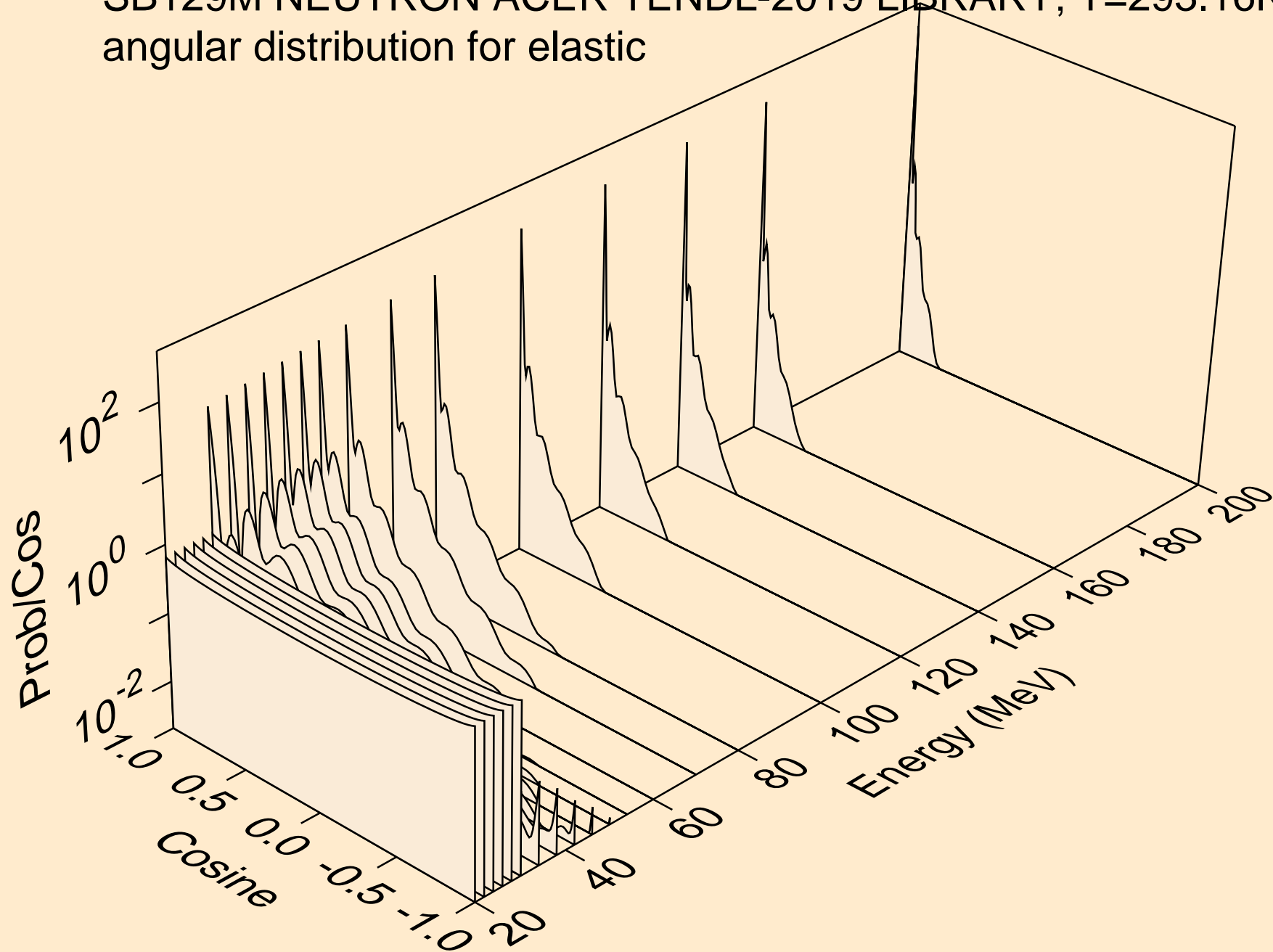
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Threshold reactions



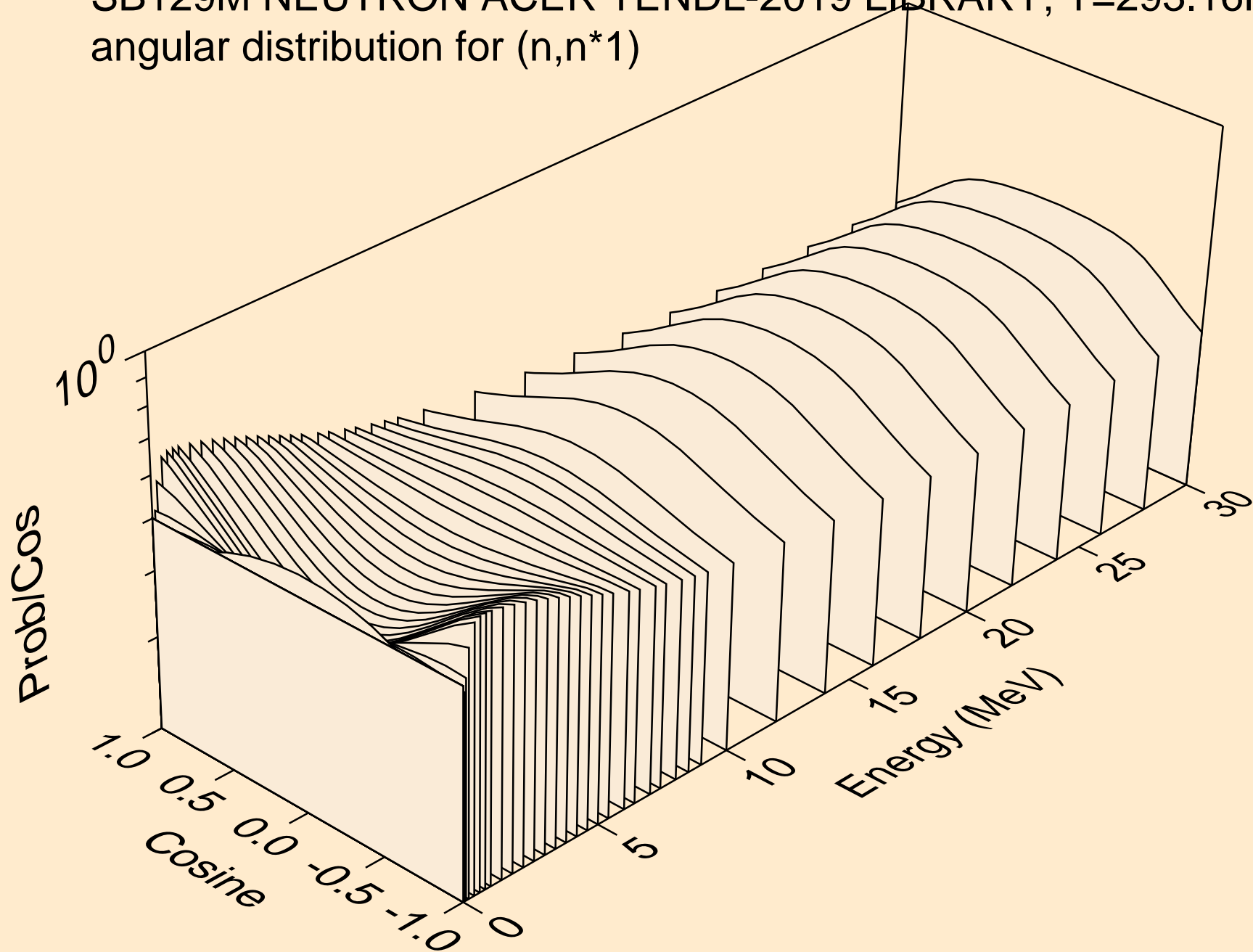
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angular distribution for elastic



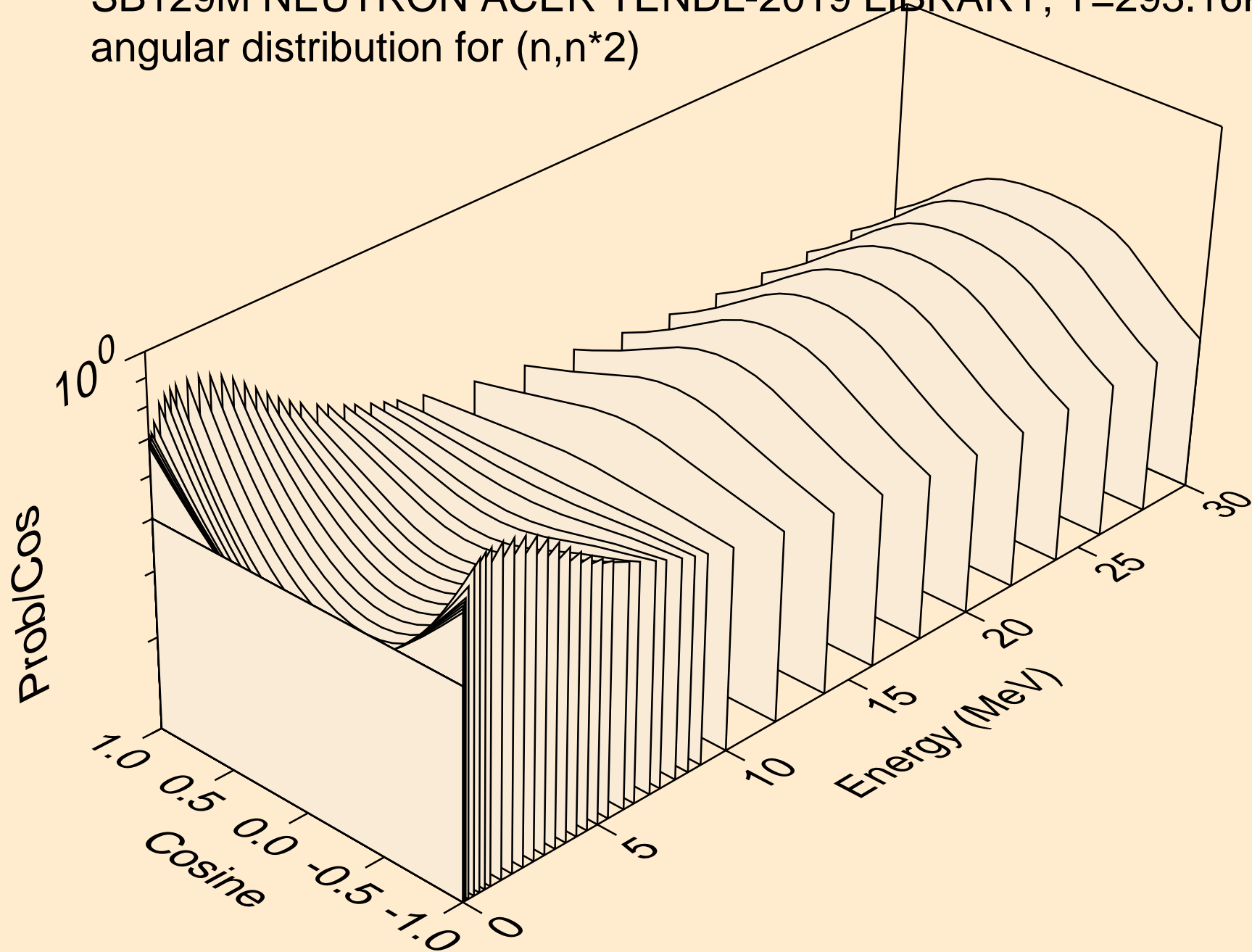
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angular distribution for elastic



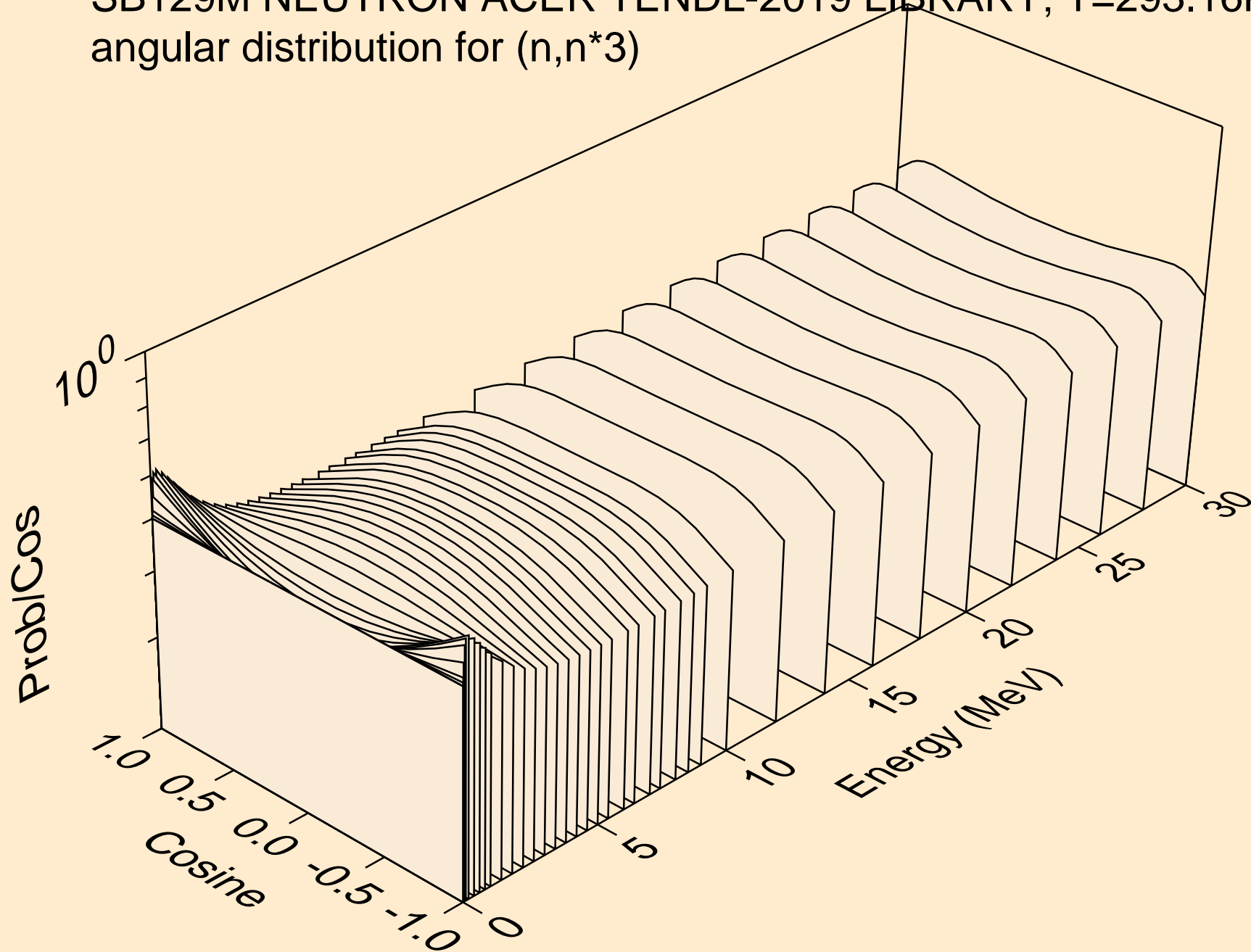
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)

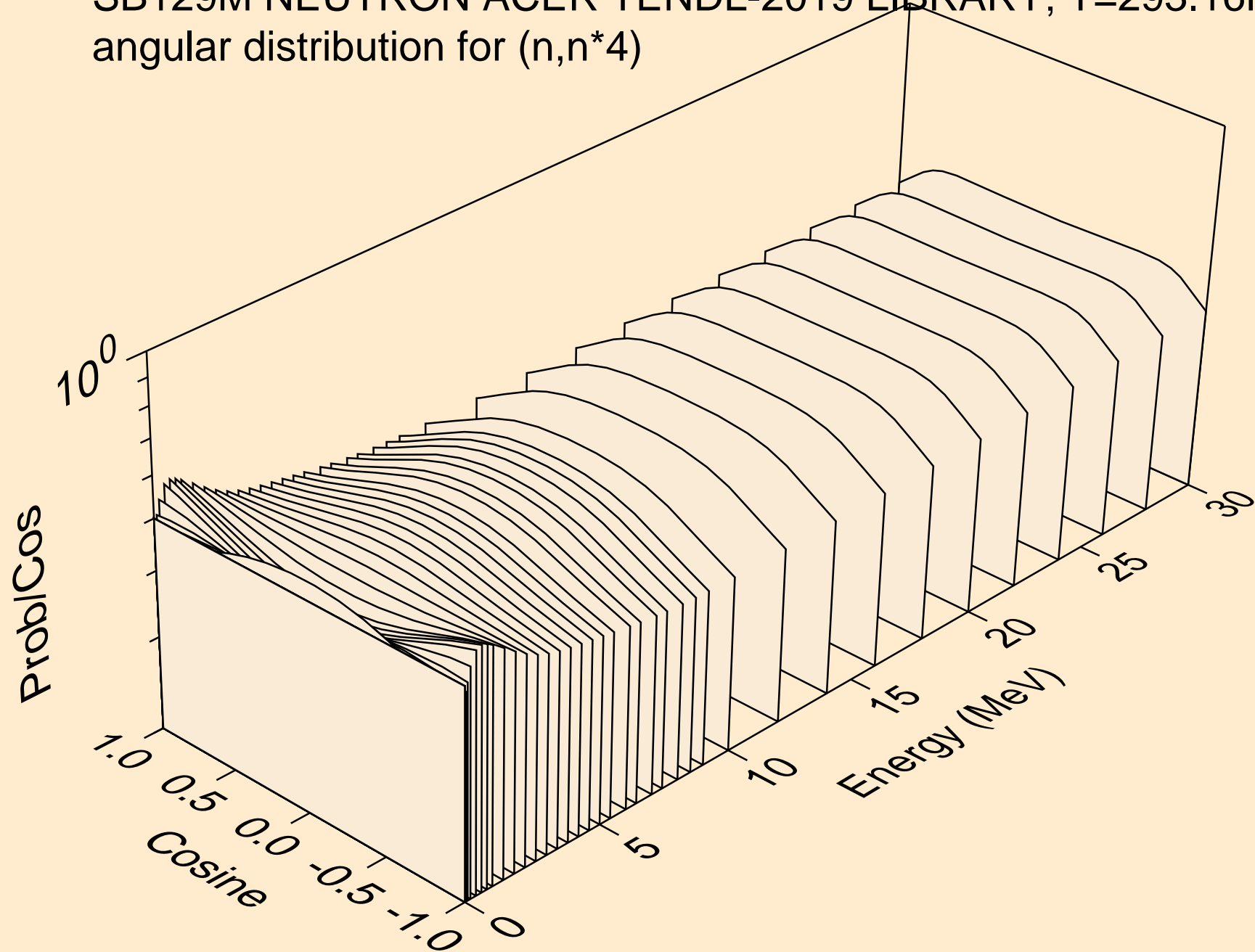


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angular distribution for (n,n\*3)

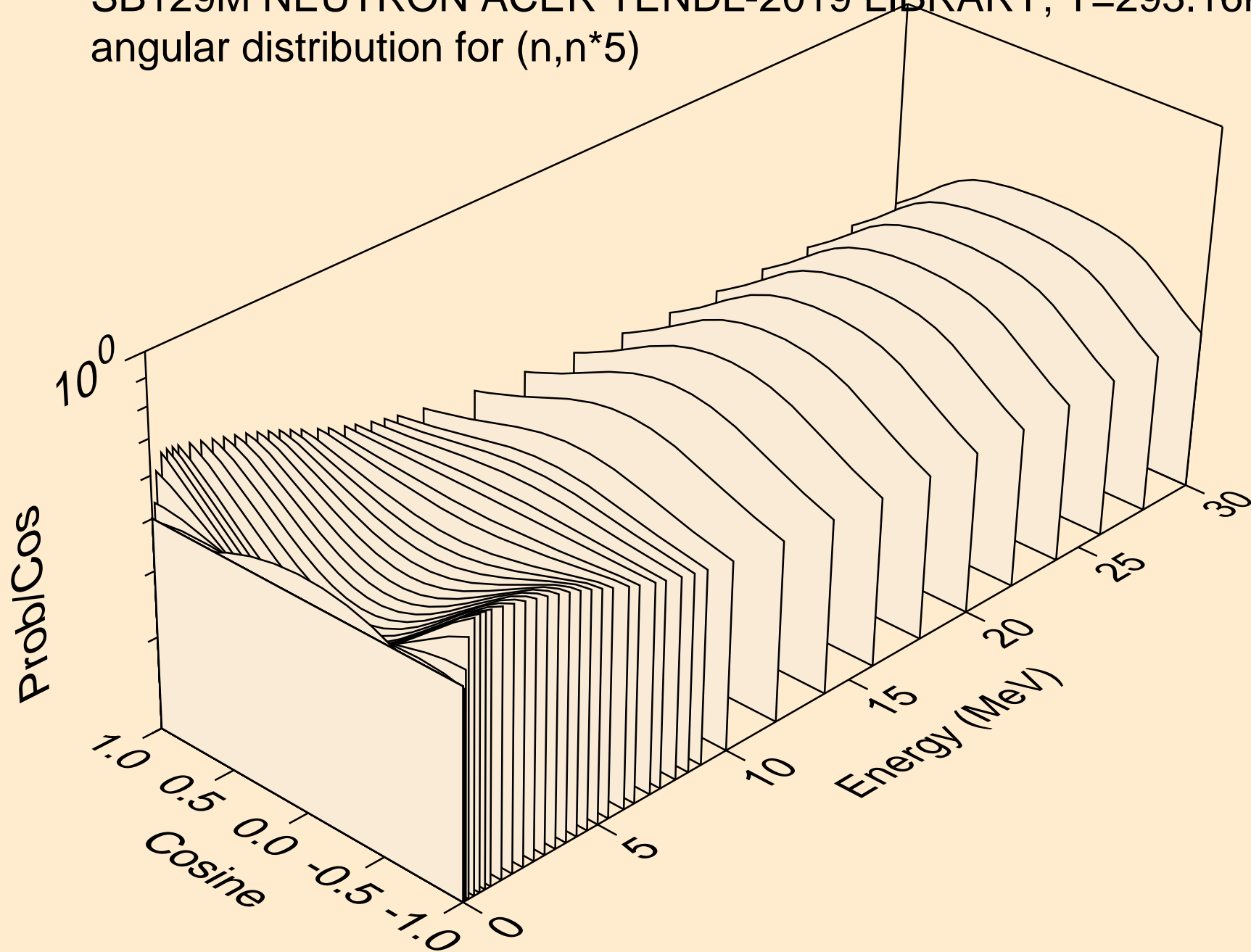




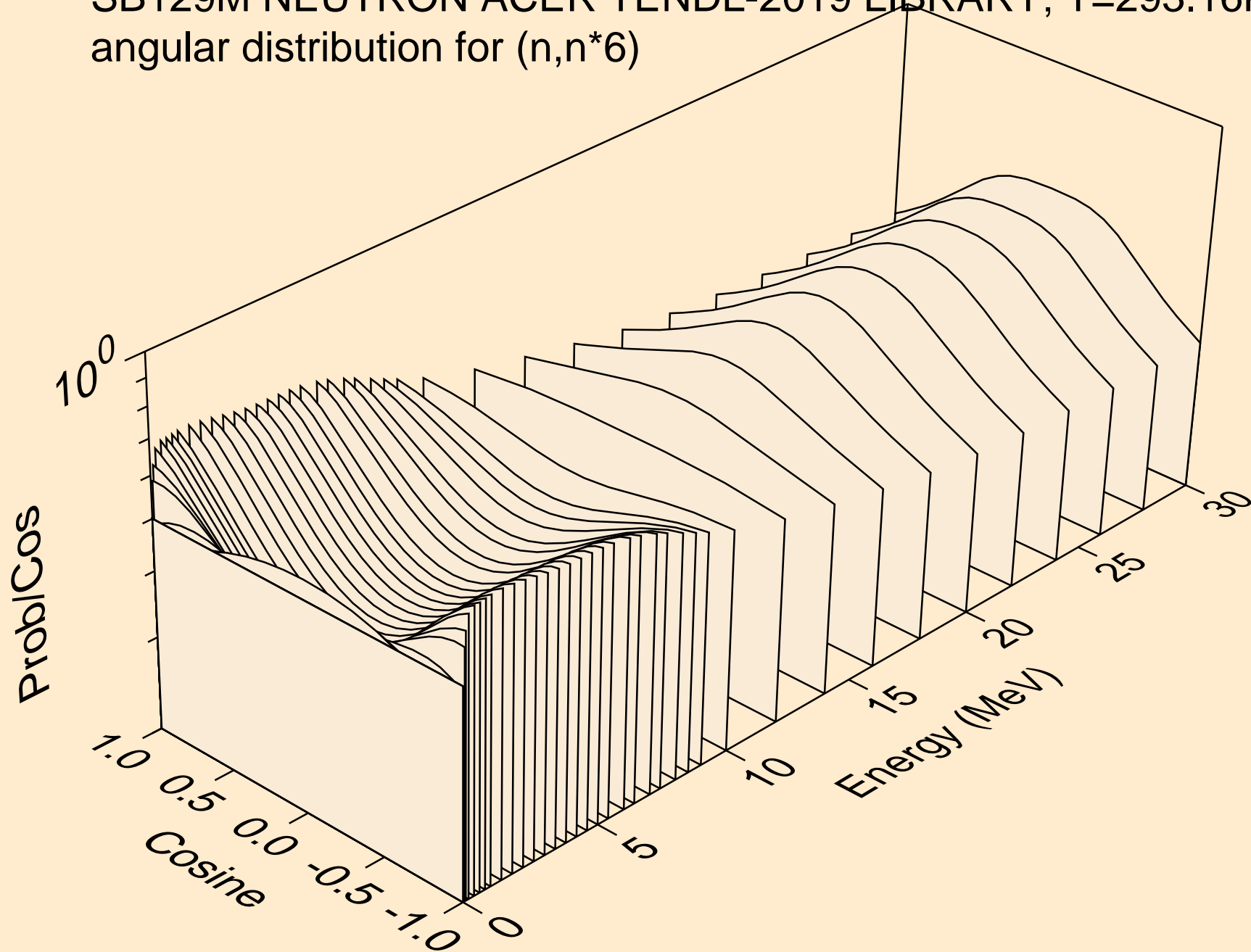
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angular distribution for (n,n\*4)



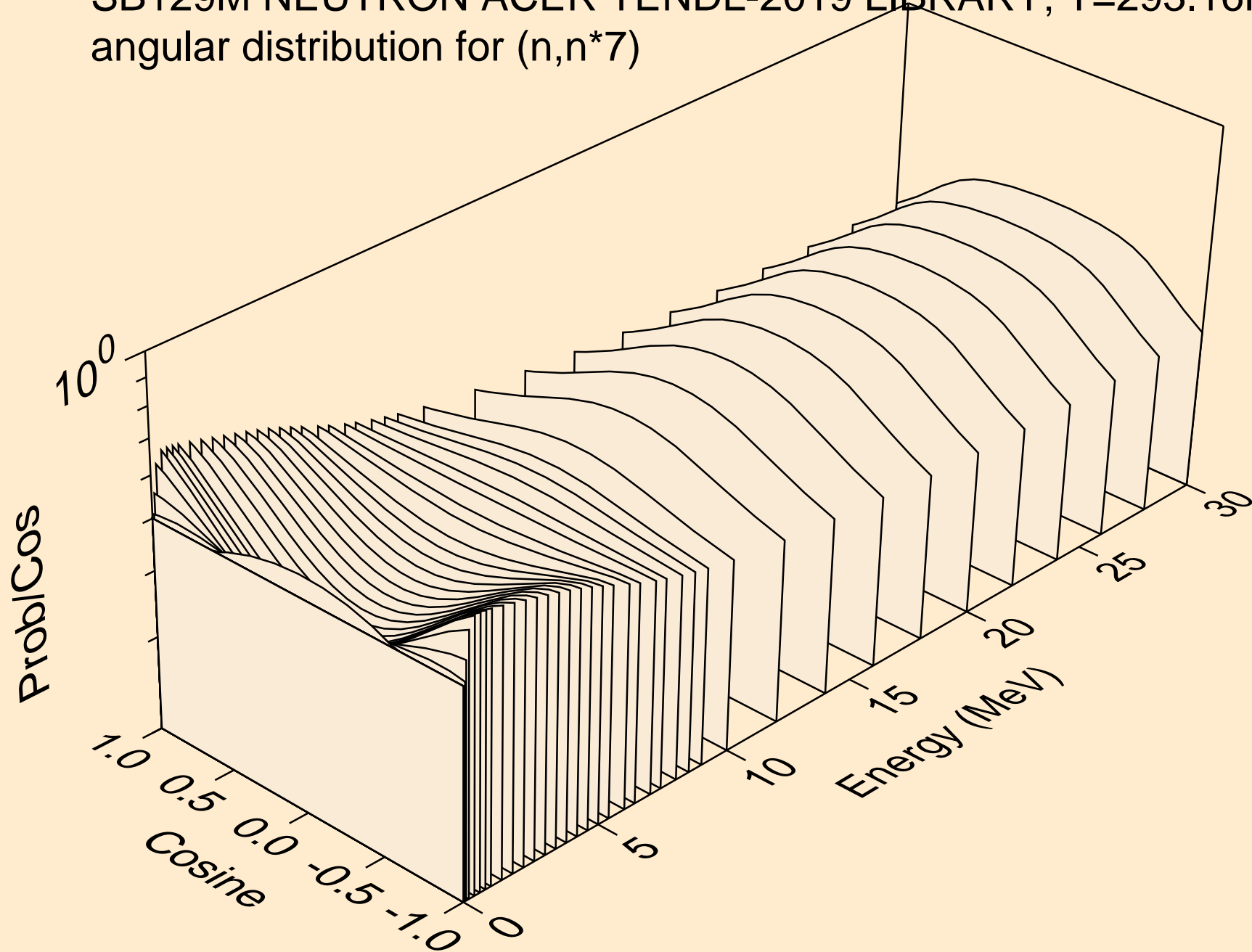
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angular distribution for (n,n\*5)



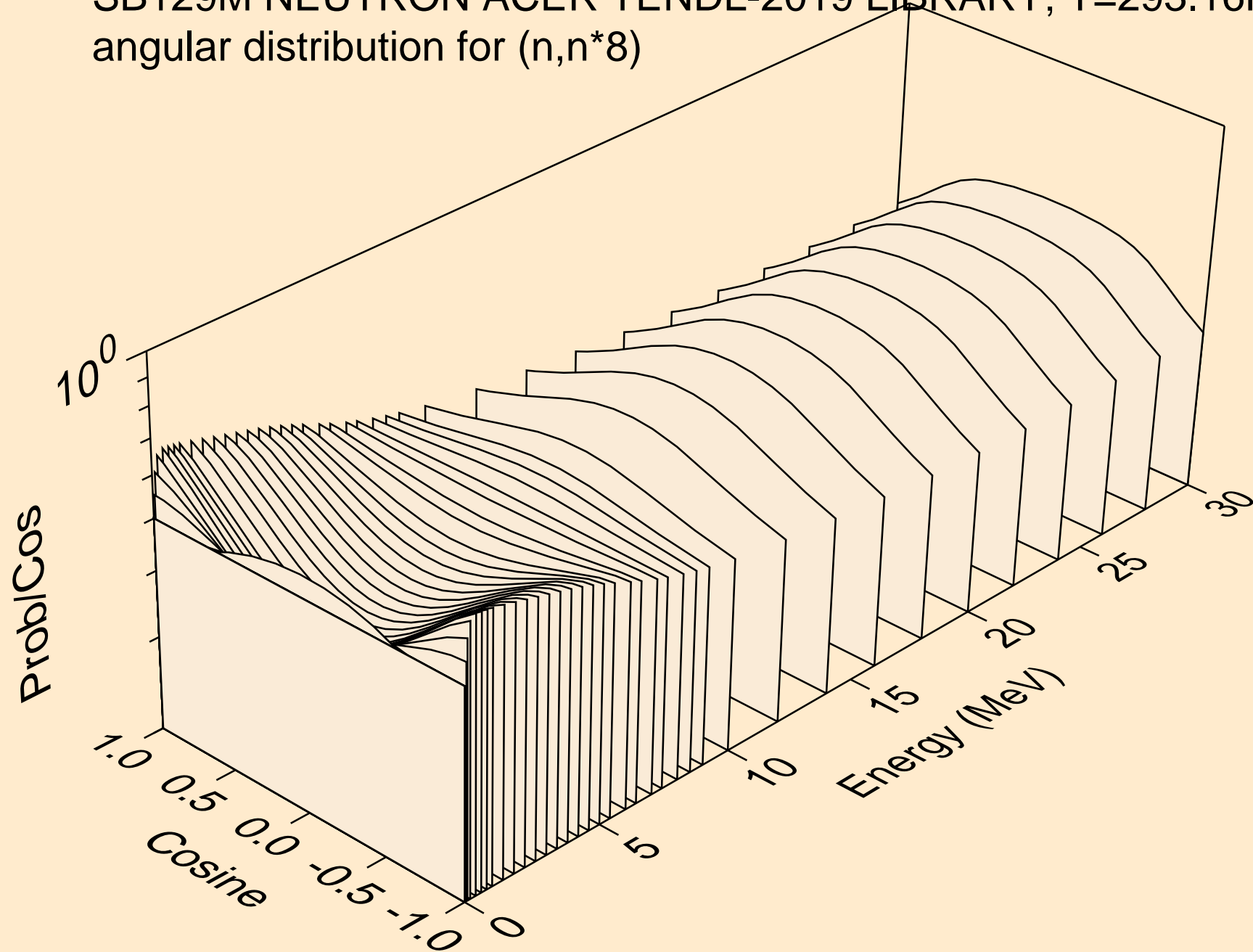
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angular distribution for (n,n\*6)



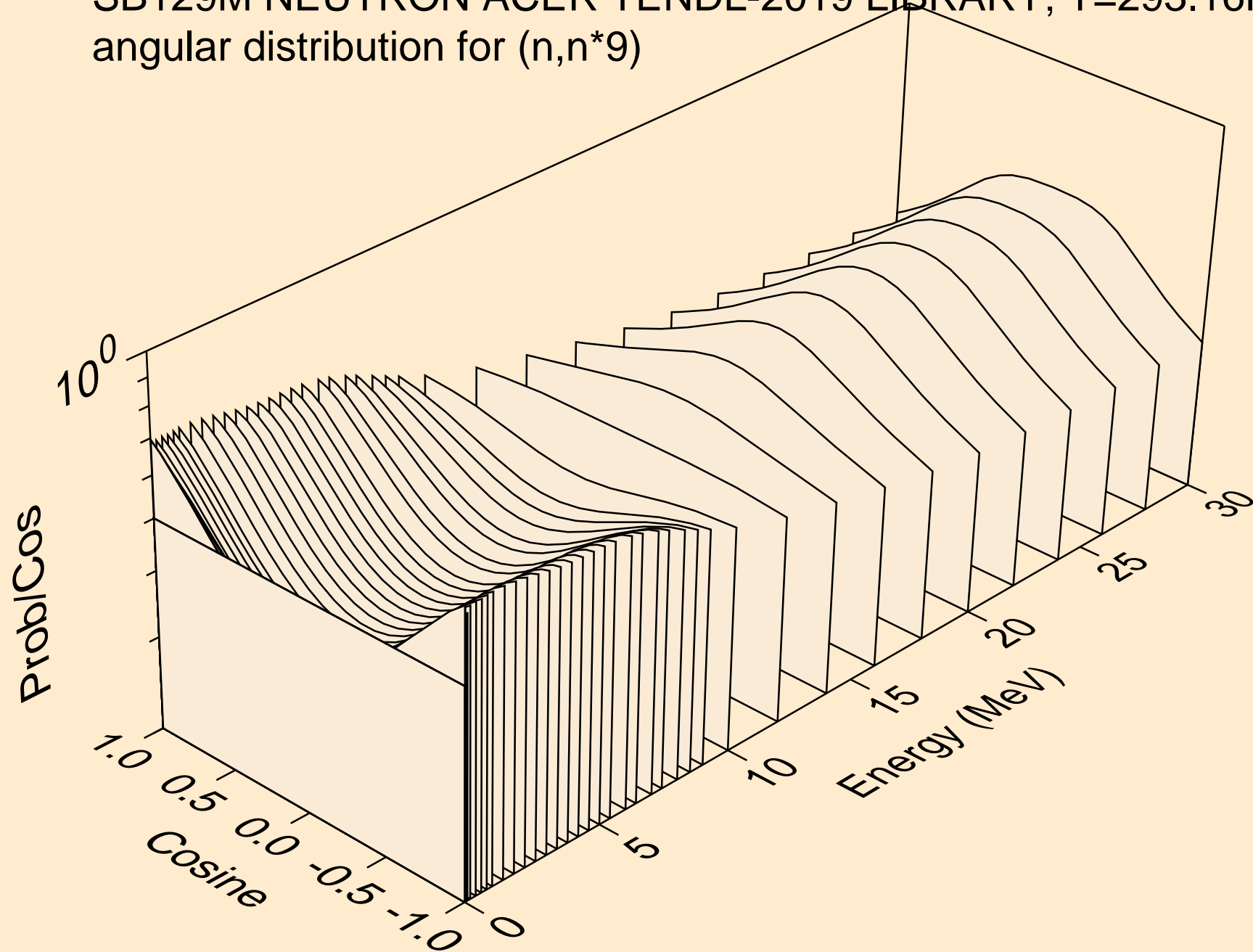
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angular distribution for (n,n\*7)



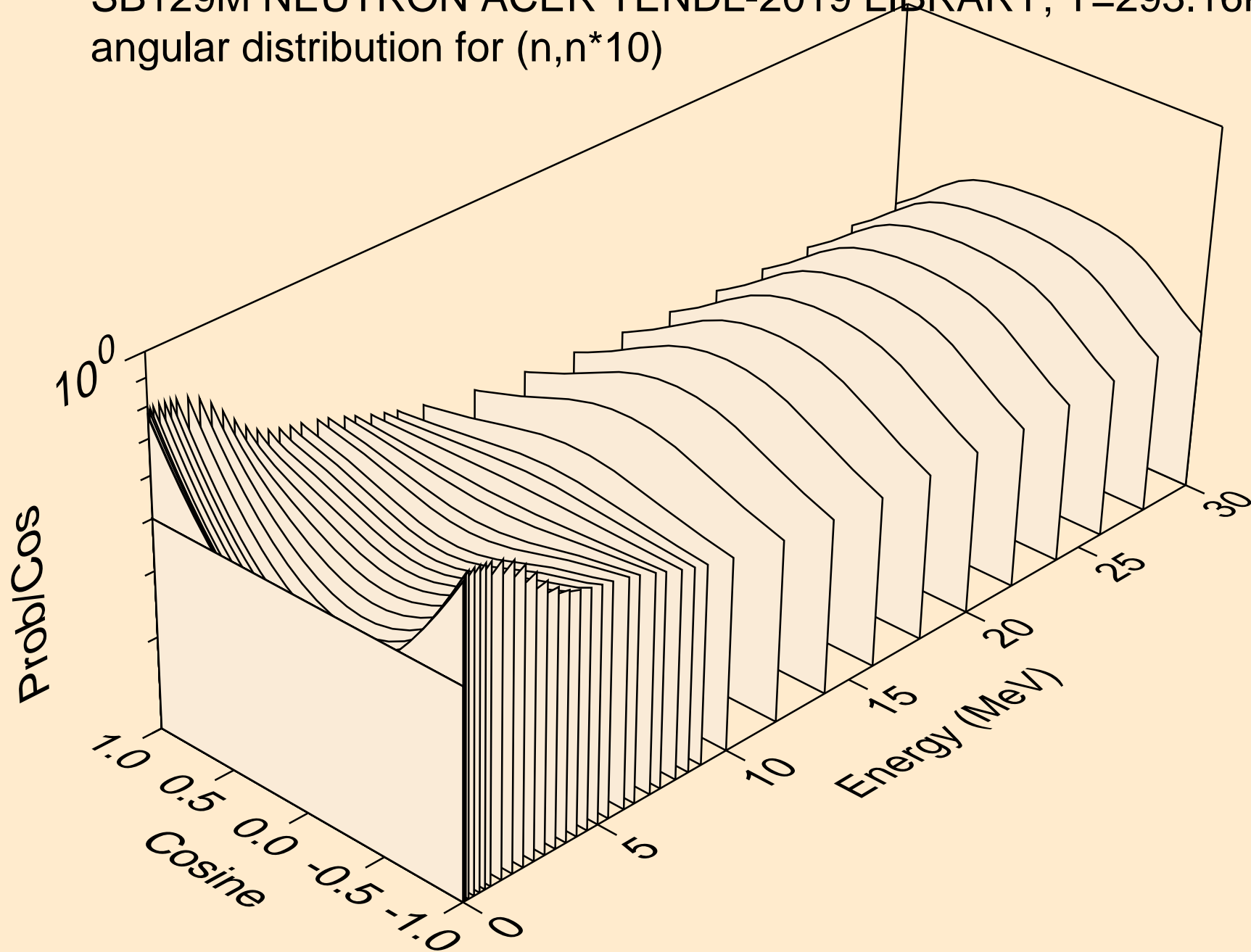
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angular distribution for (n,n\*8)



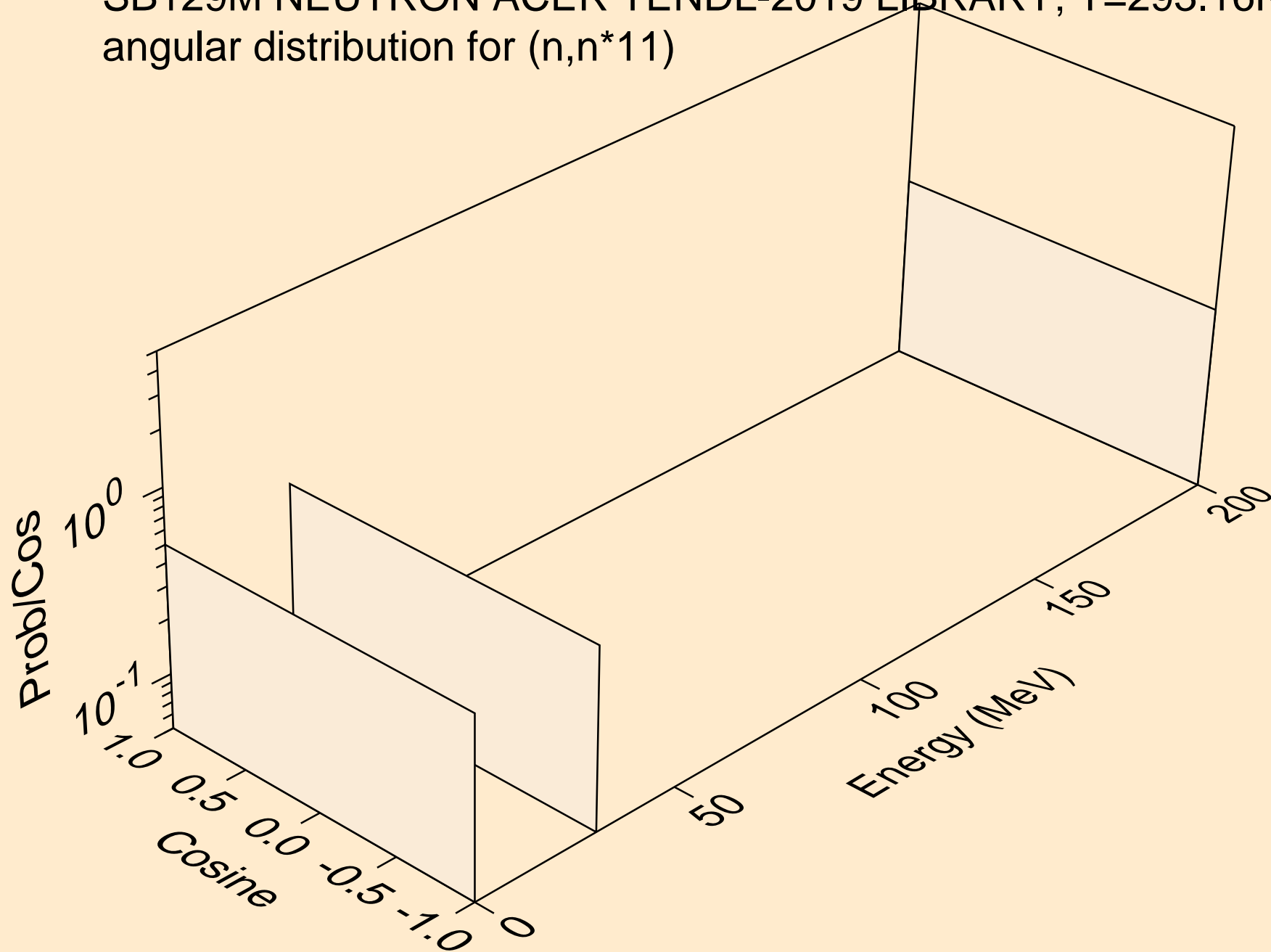
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)

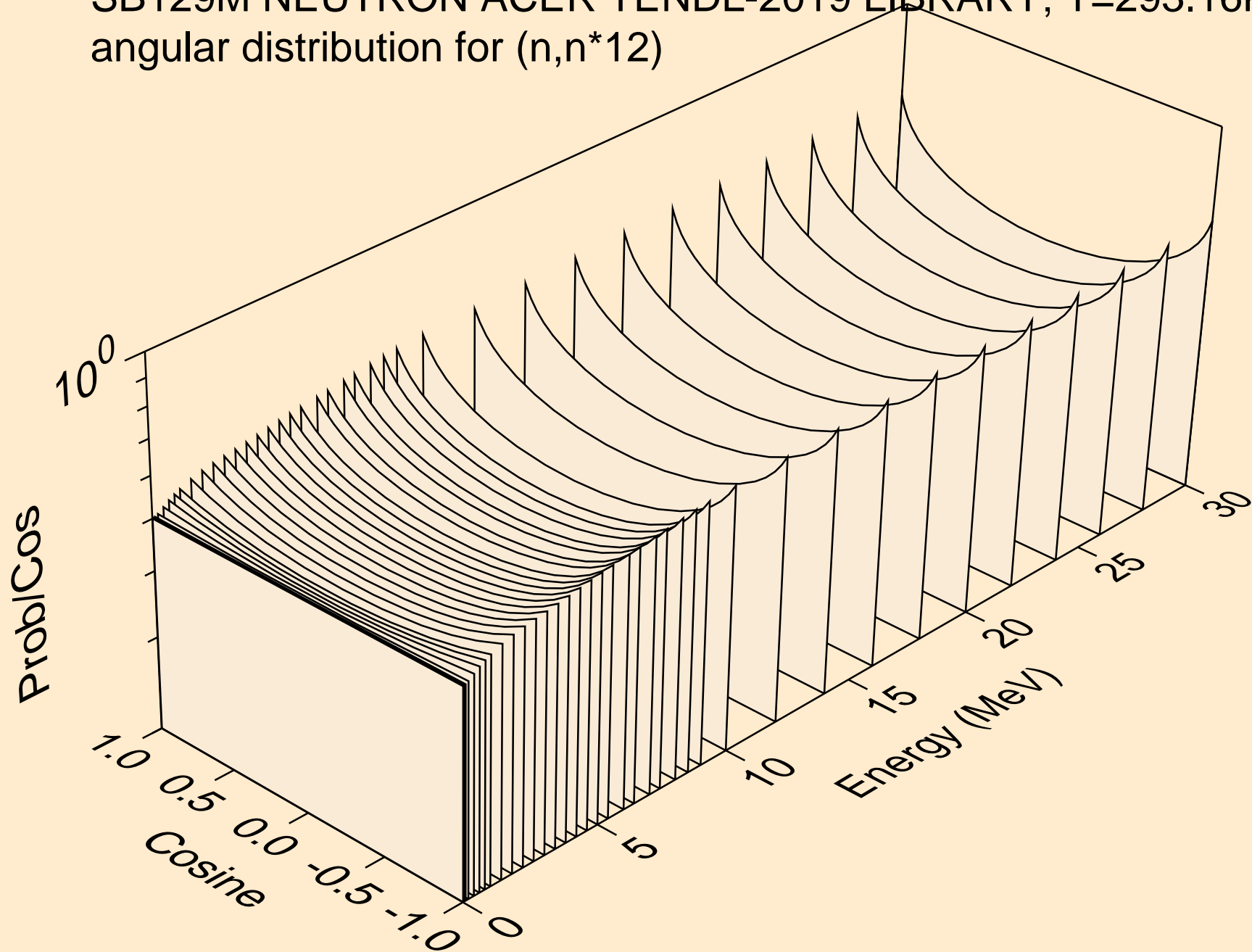


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)

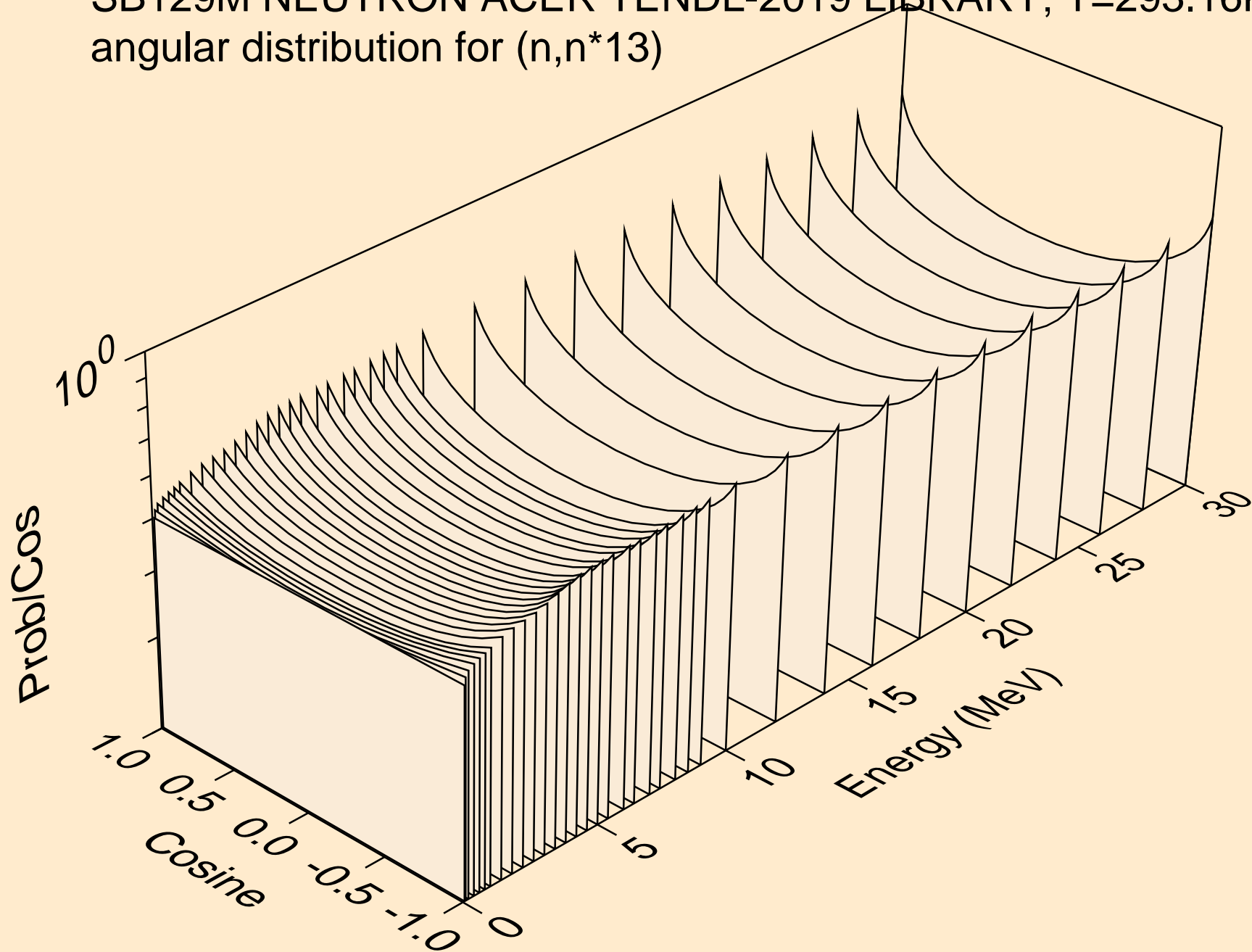




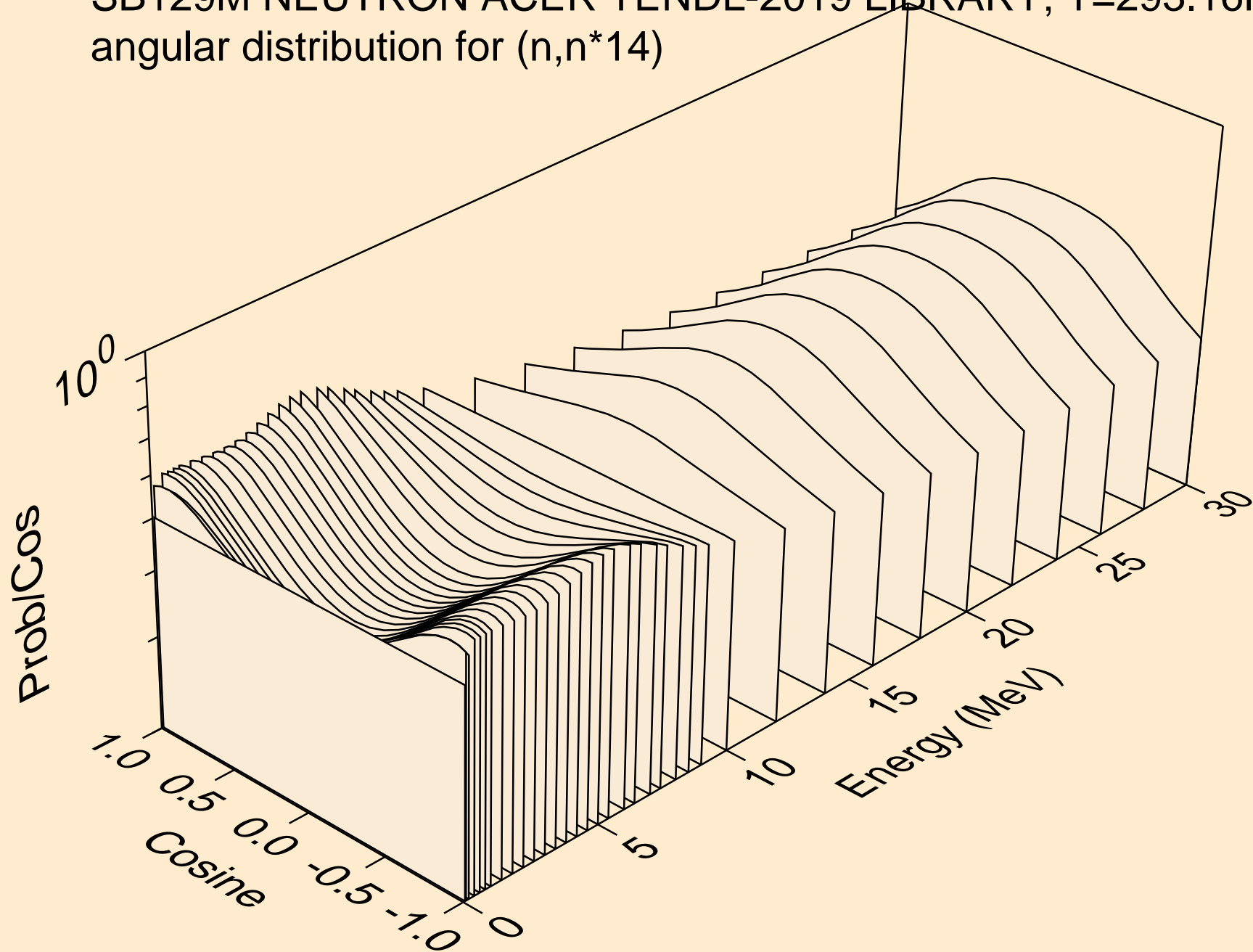
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angular distribution for (n,n\*12)



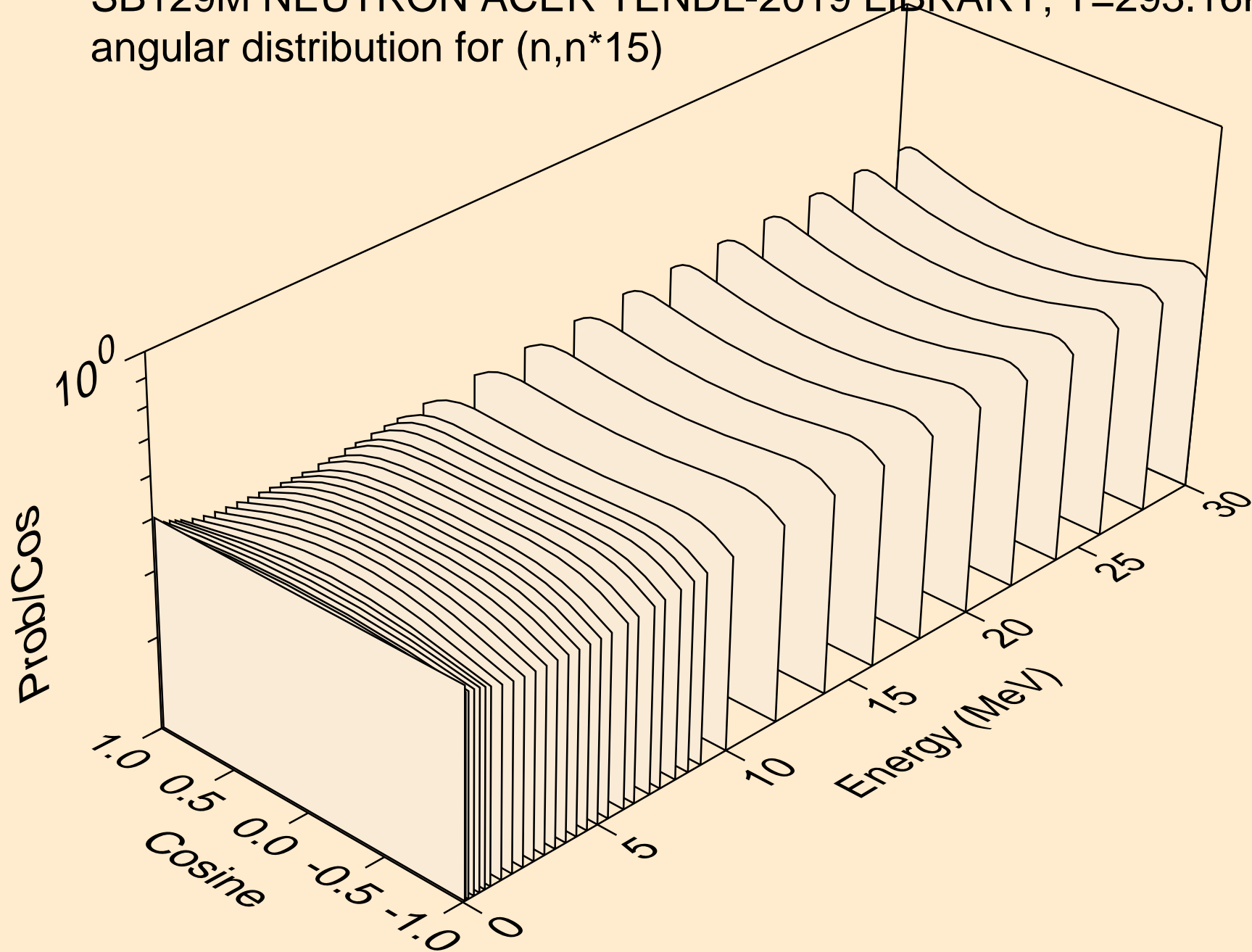
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angular distribution for (n,n\*13)



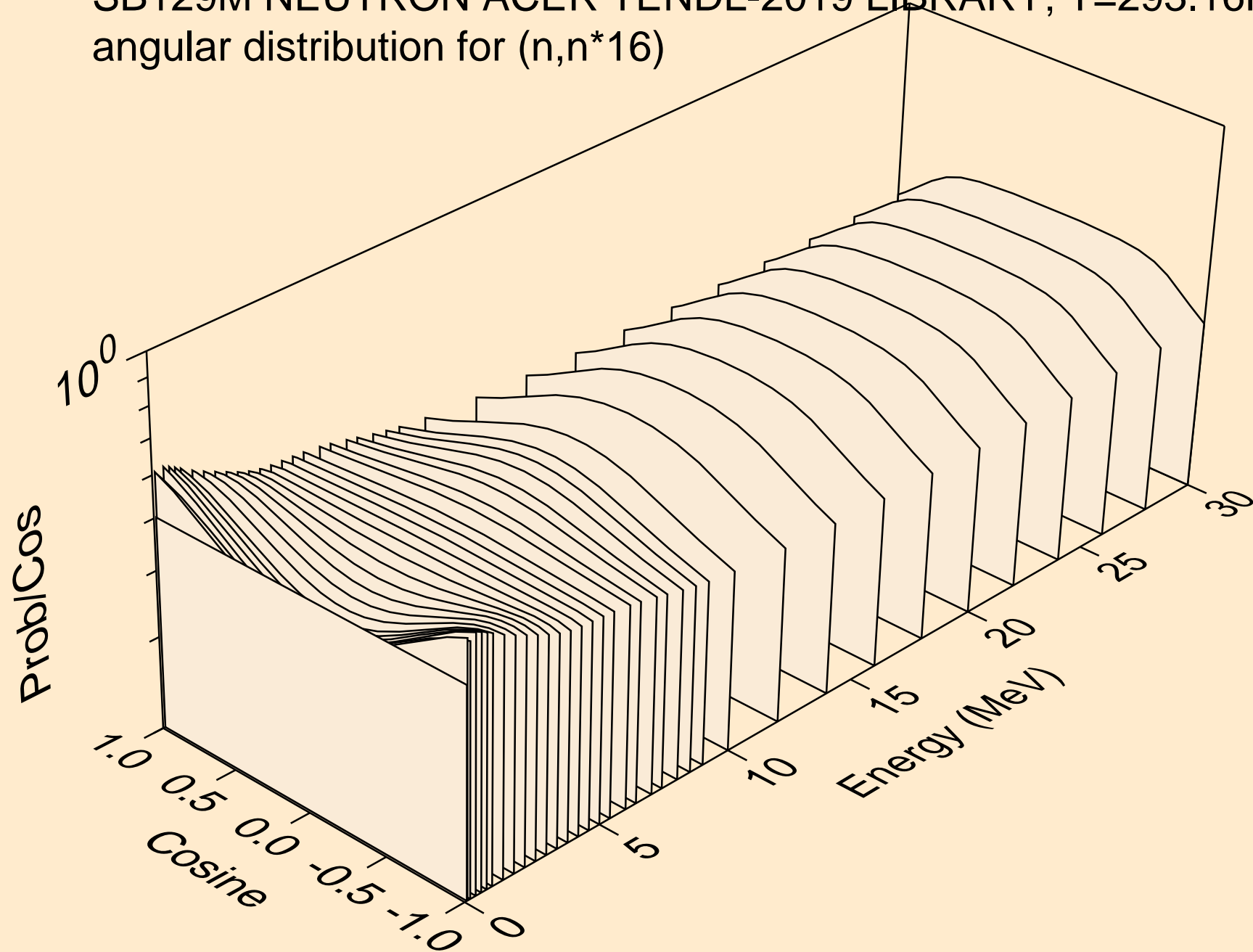
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angular distribution for (n,n\*14)



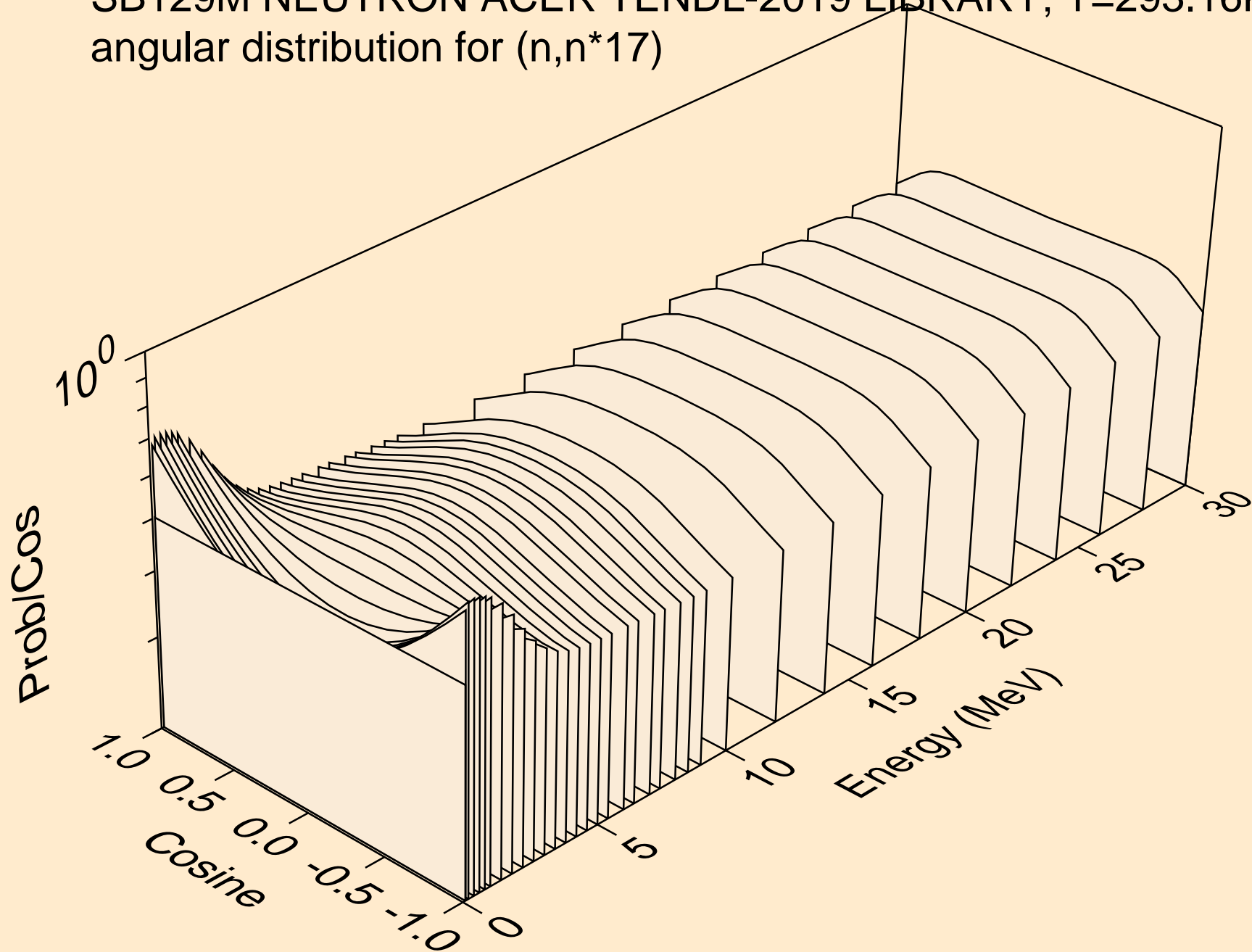
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angular distribution for (n,n\*15)



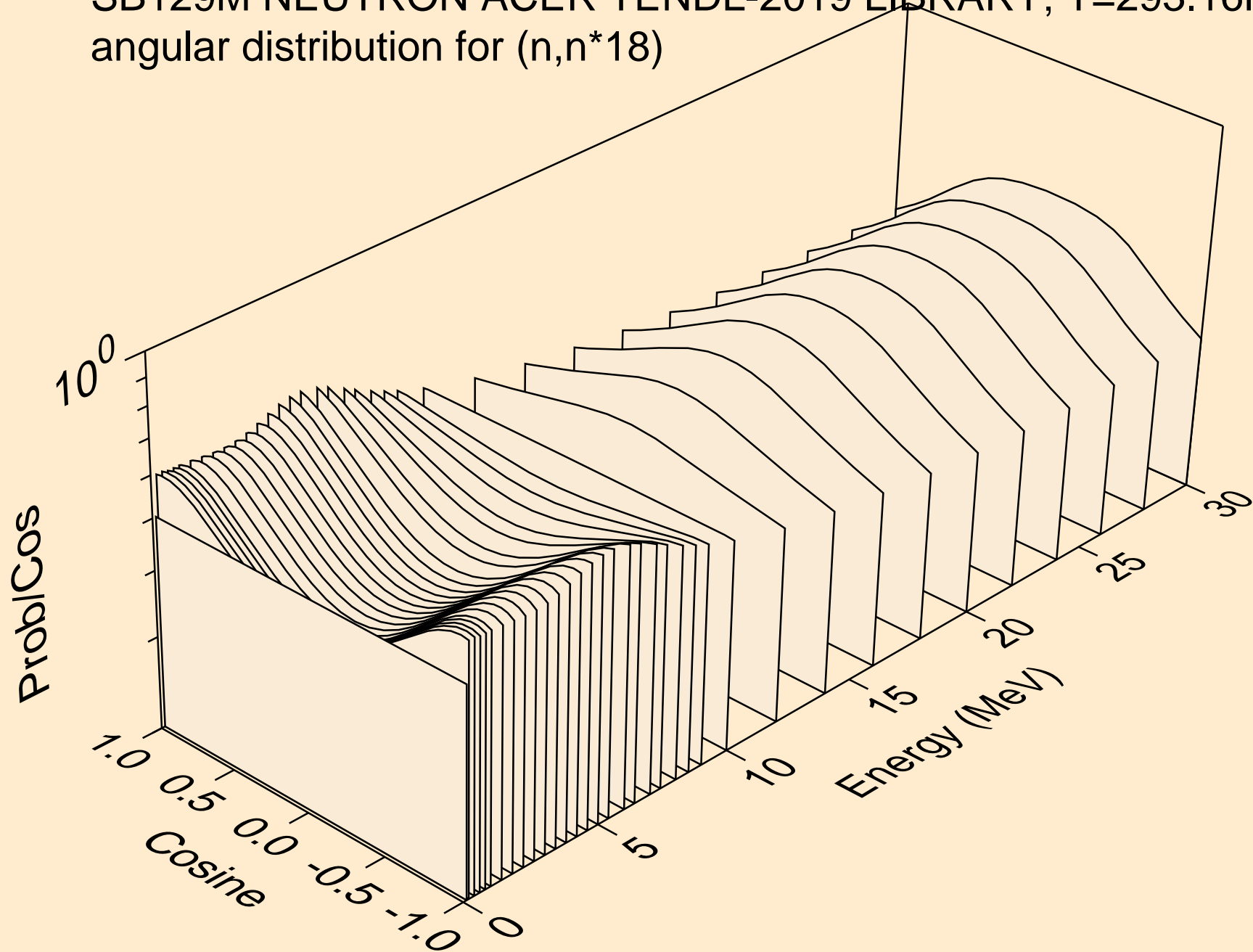
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angular distribution for (n,n\*16)



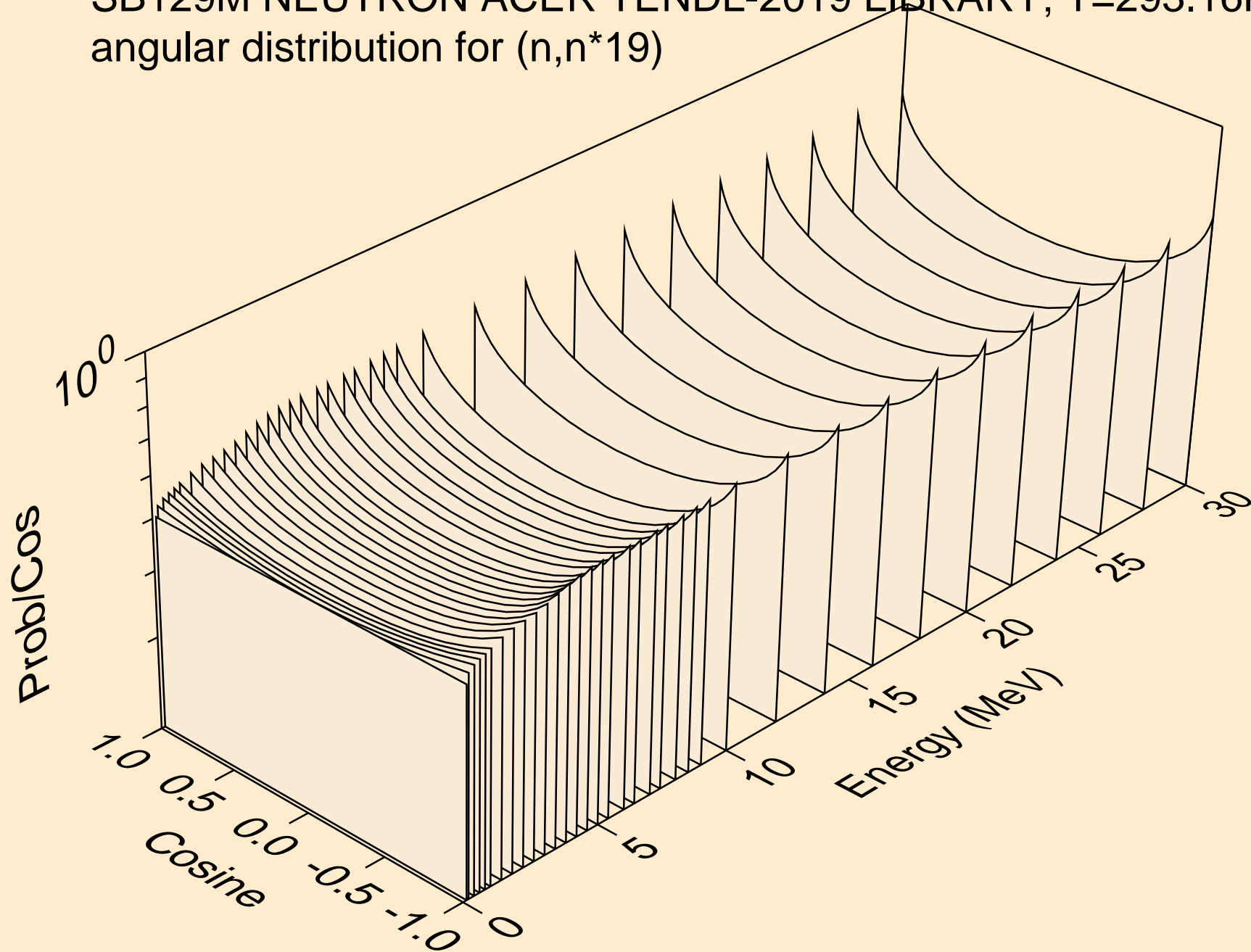
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)

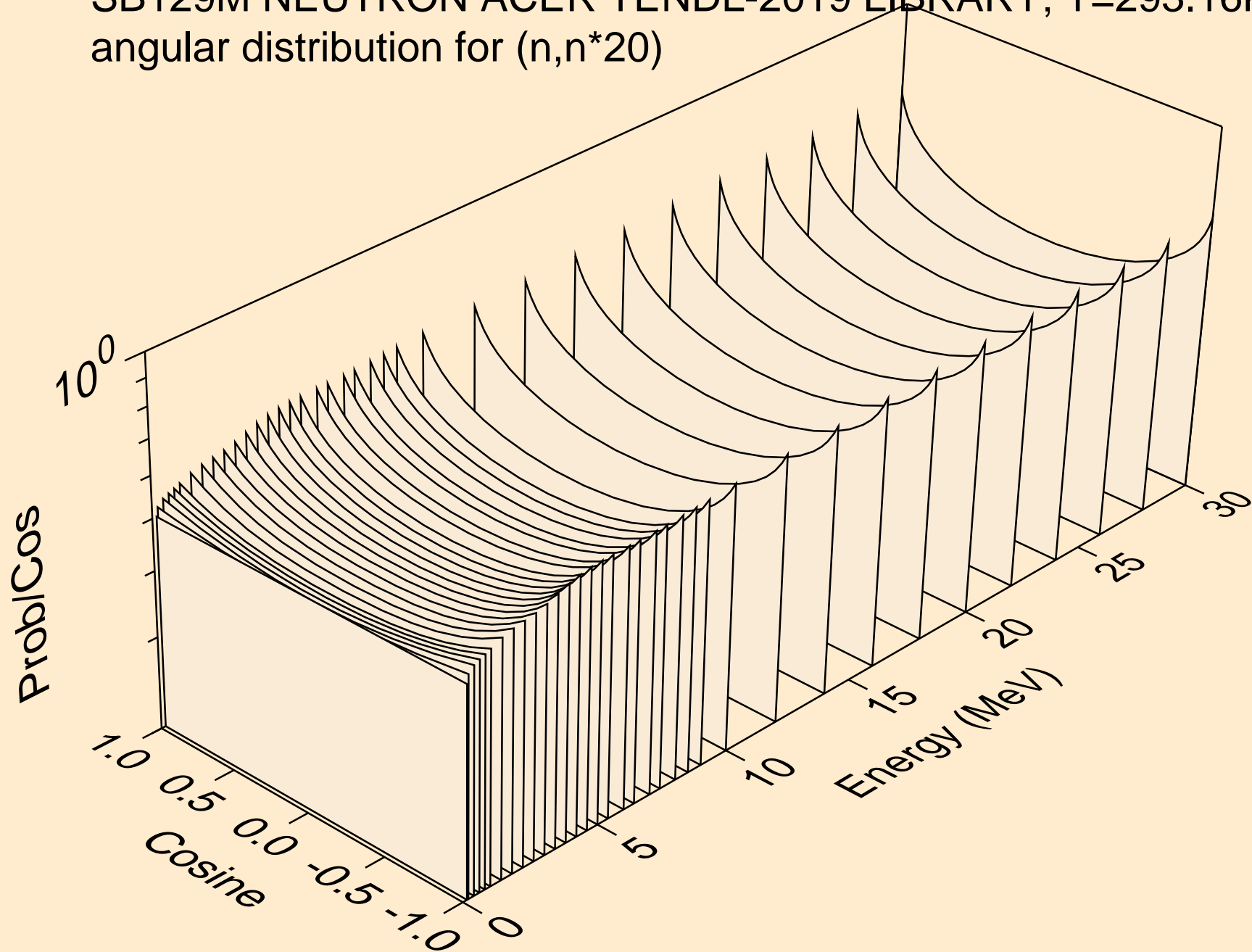


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angular distribution for (n,n\*19)

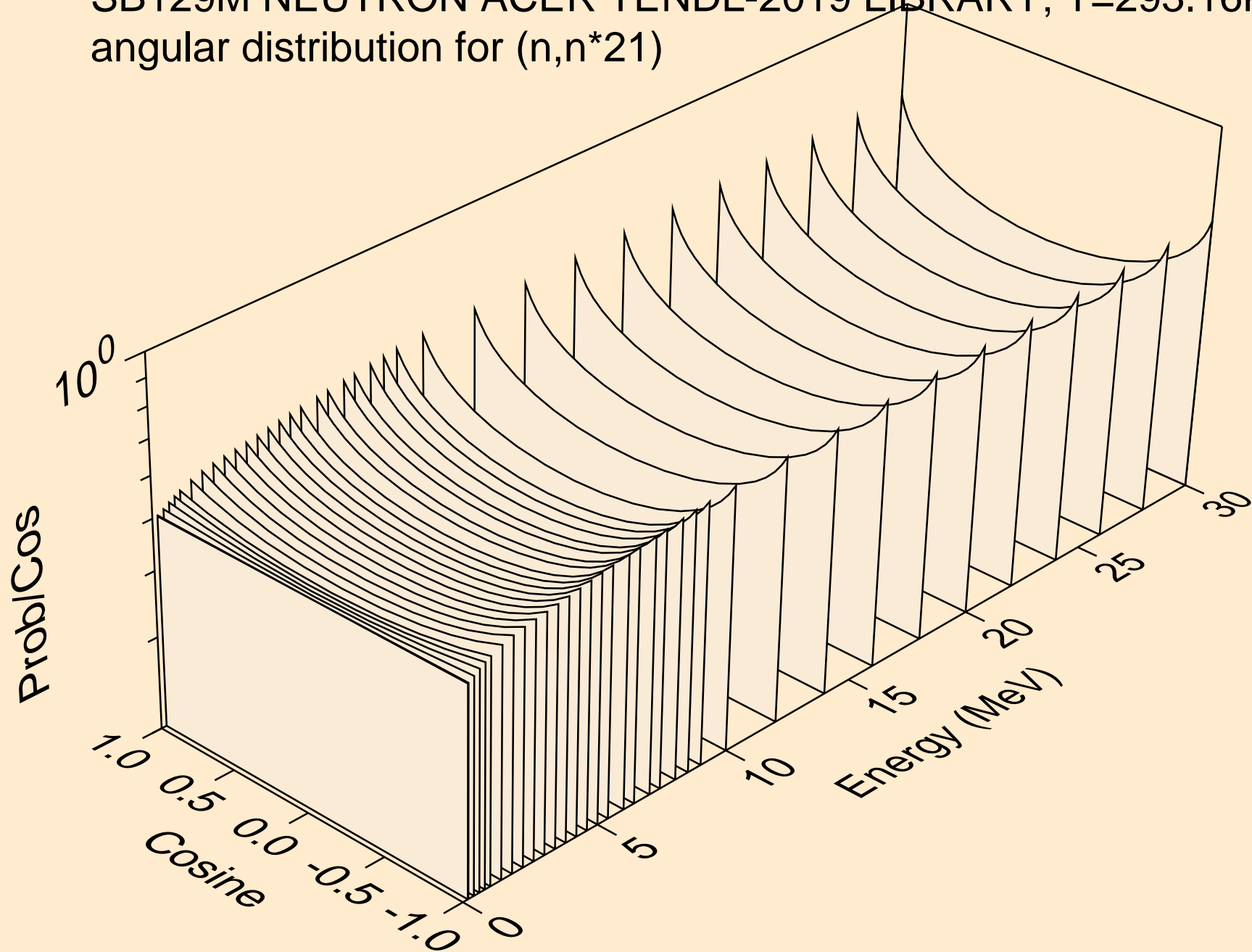




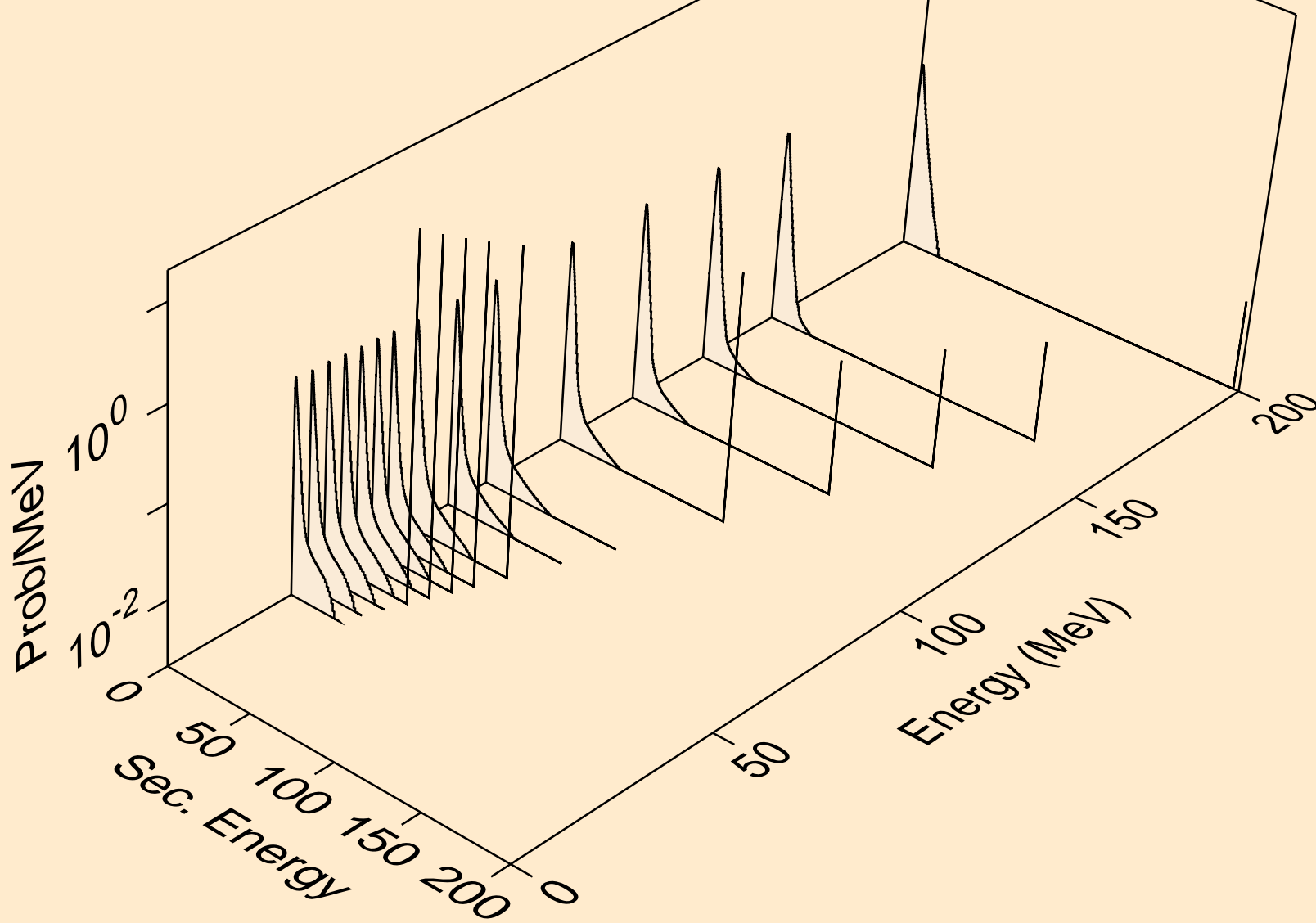
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angular distribution for (n,n\*20)



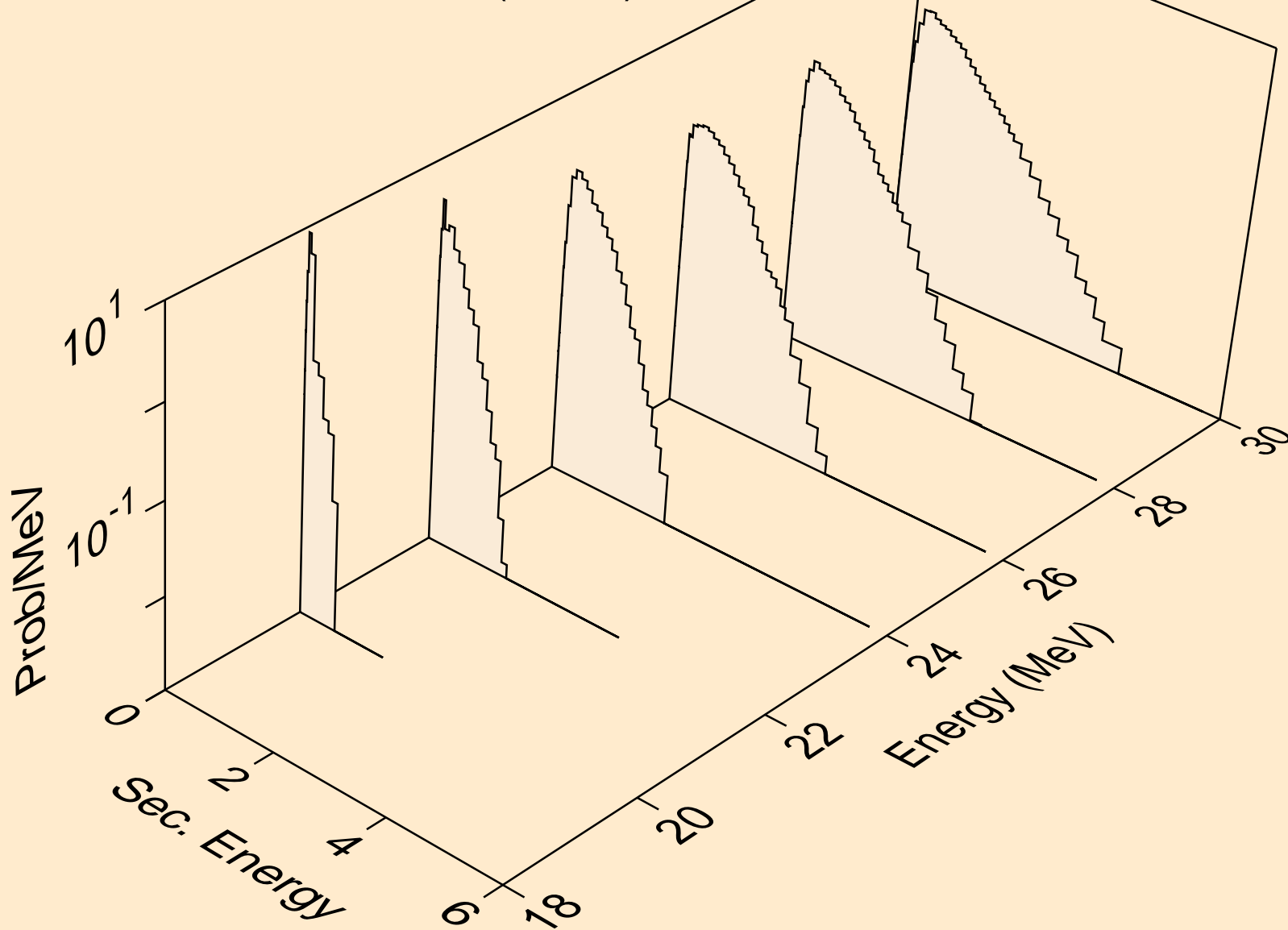
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angular distribution for (n,n\*21)



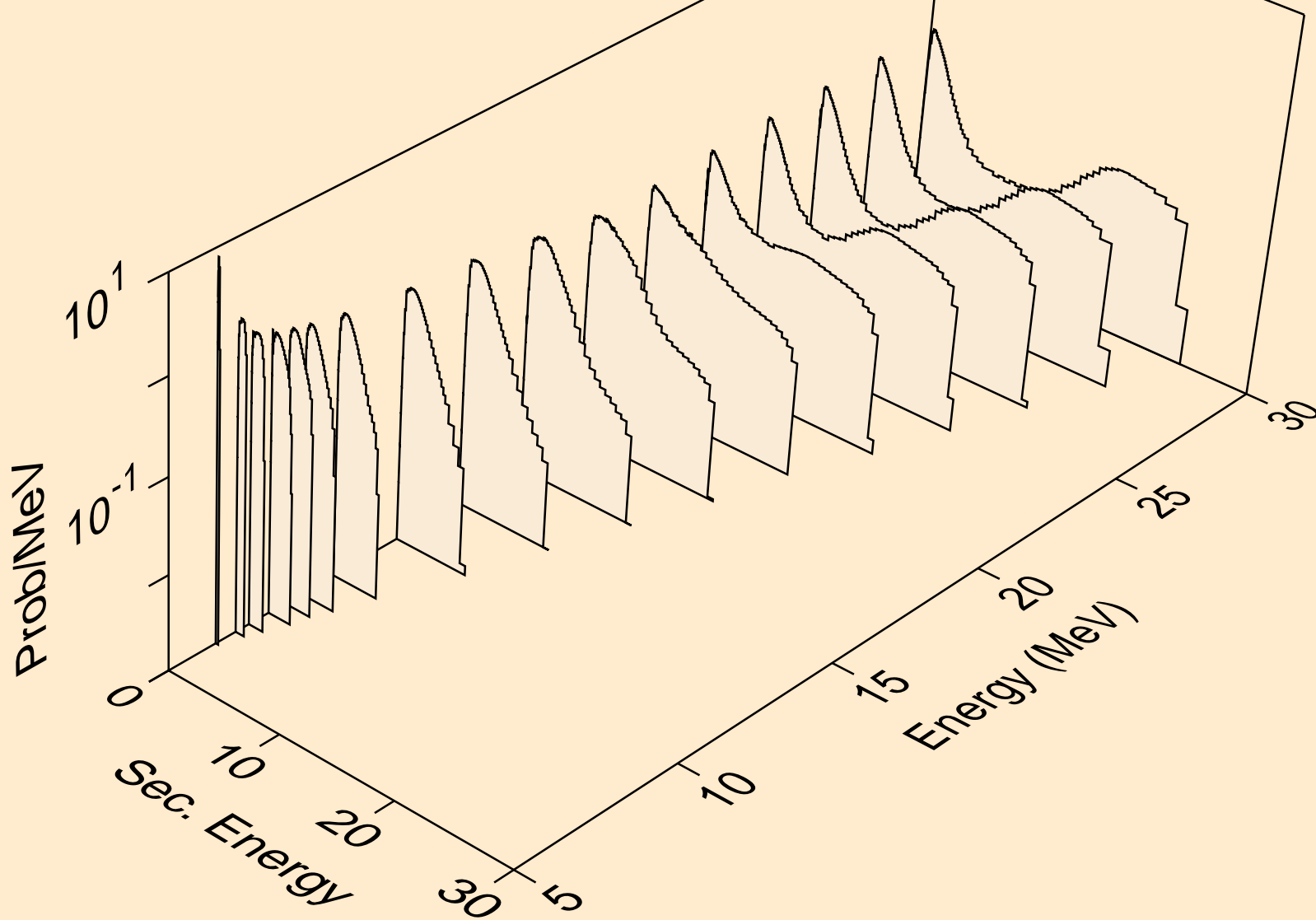
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Neutron emission for (n,x)



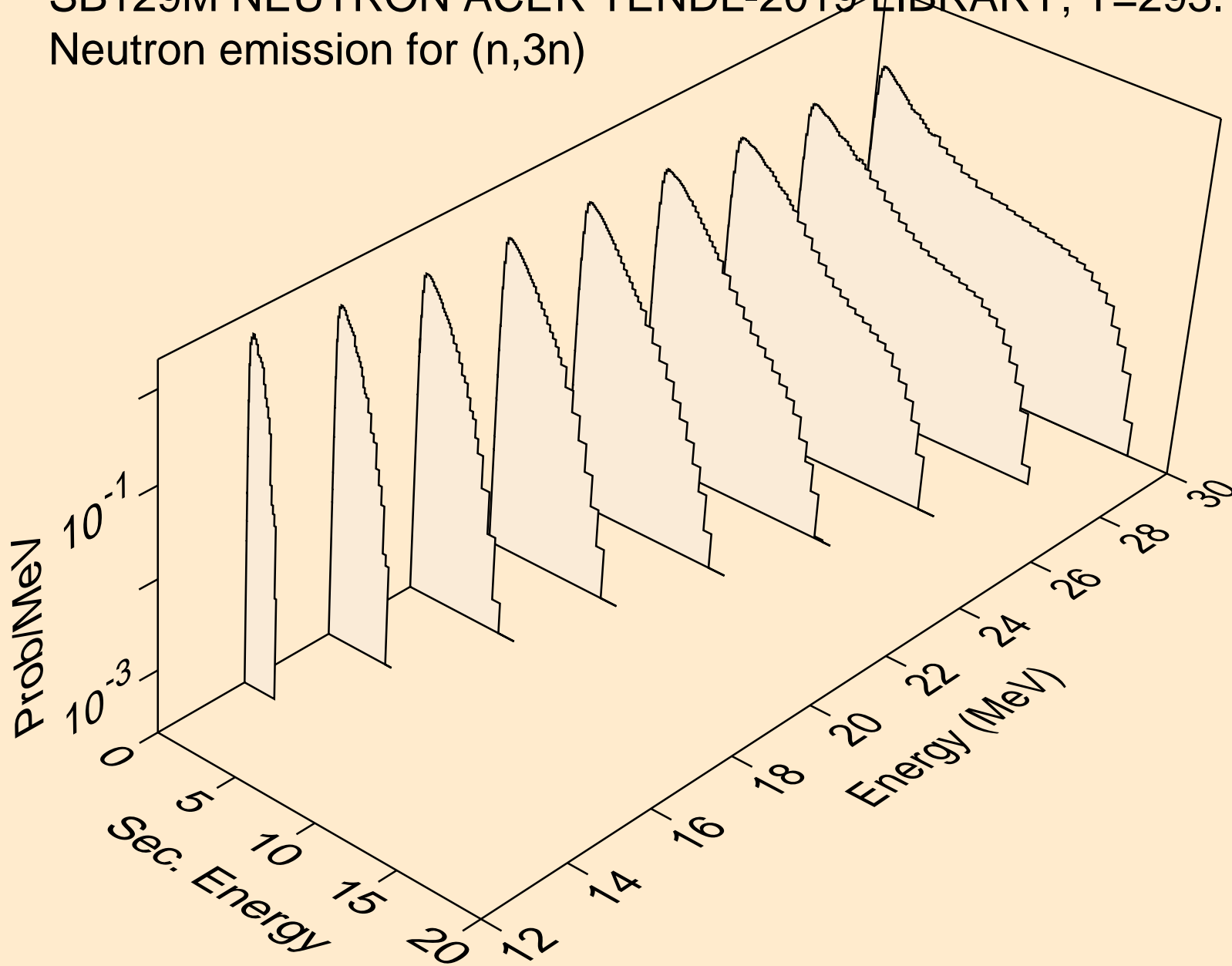
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Neutron emission for (n,2nd)



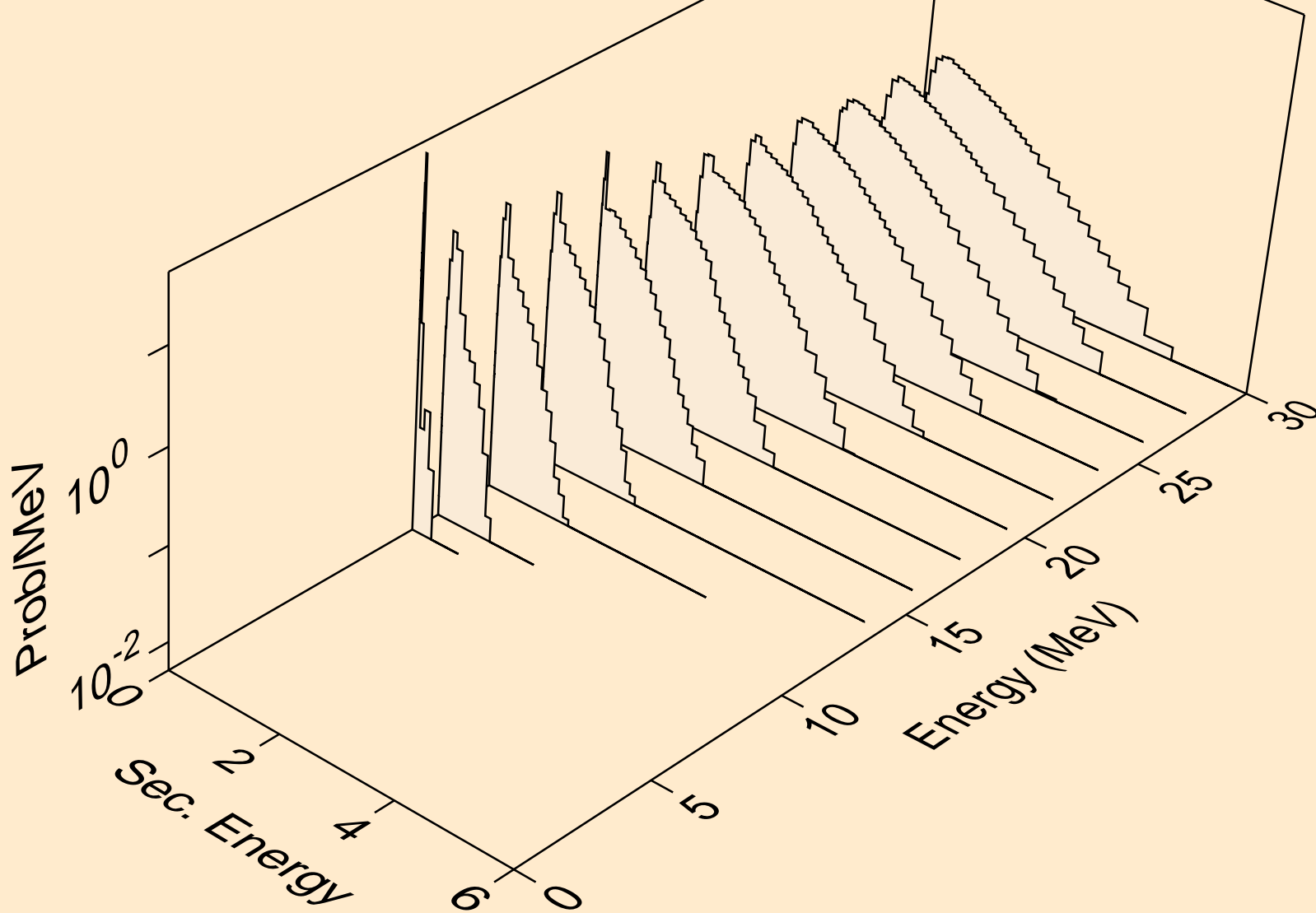
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



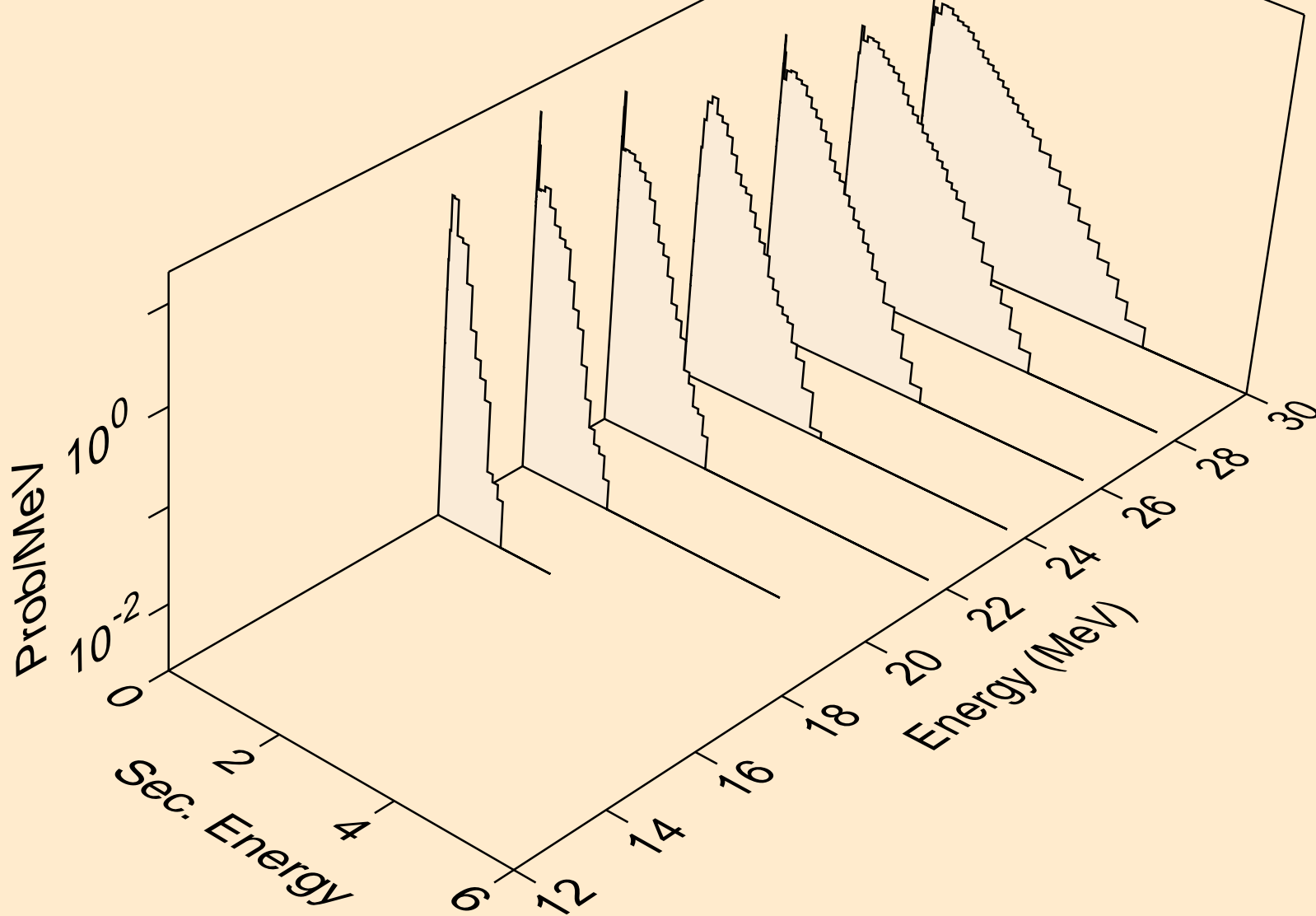
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a

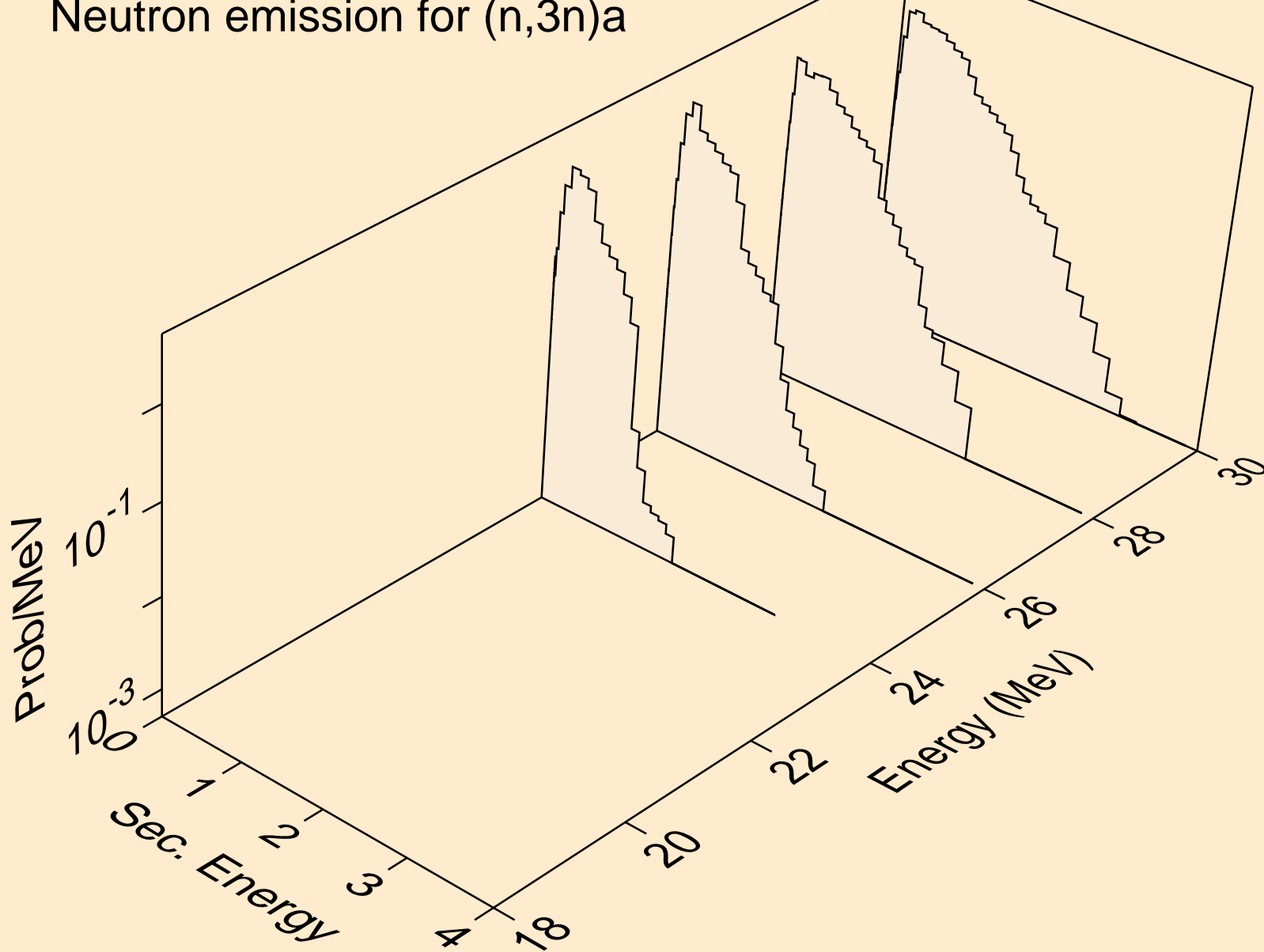


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

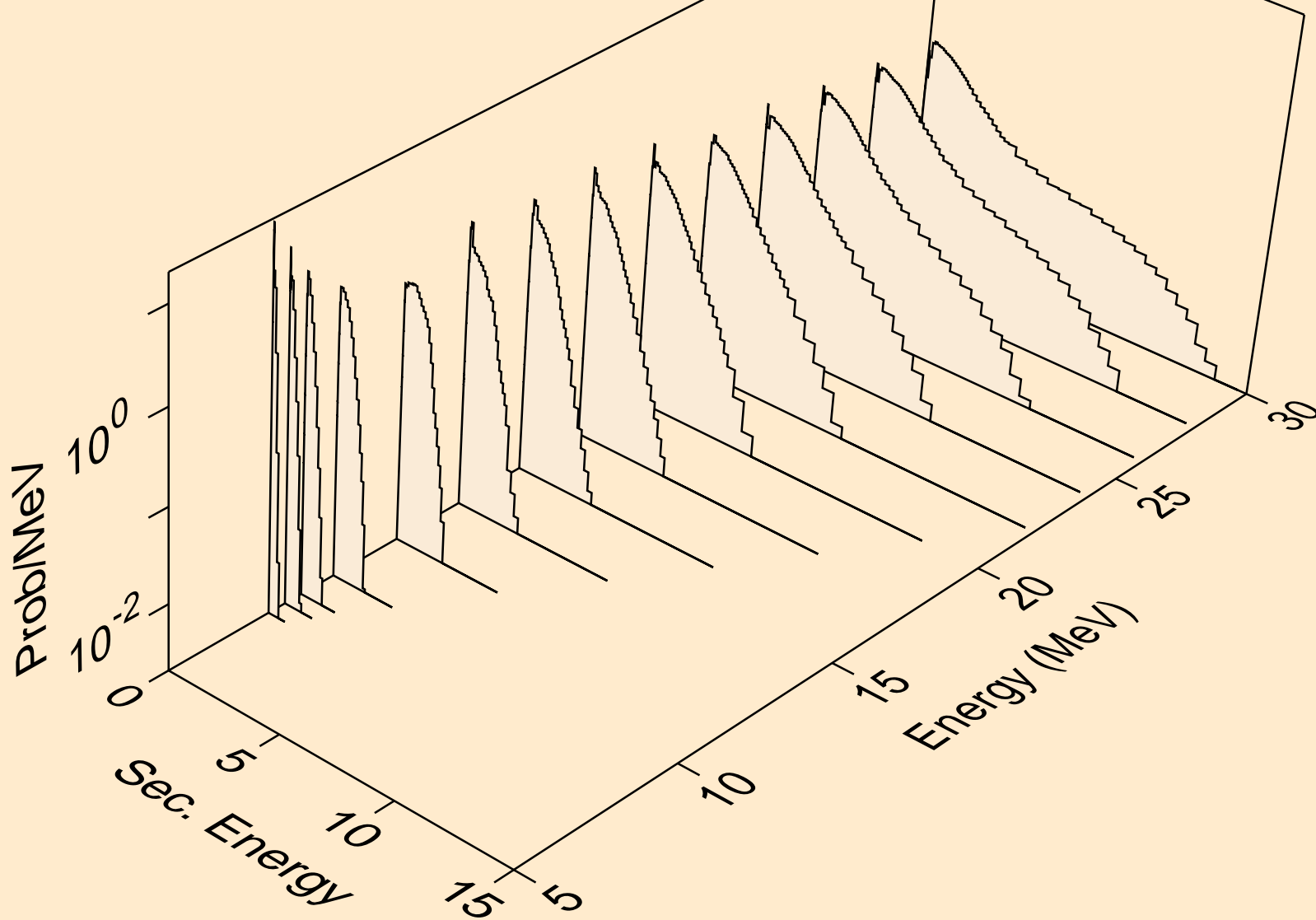




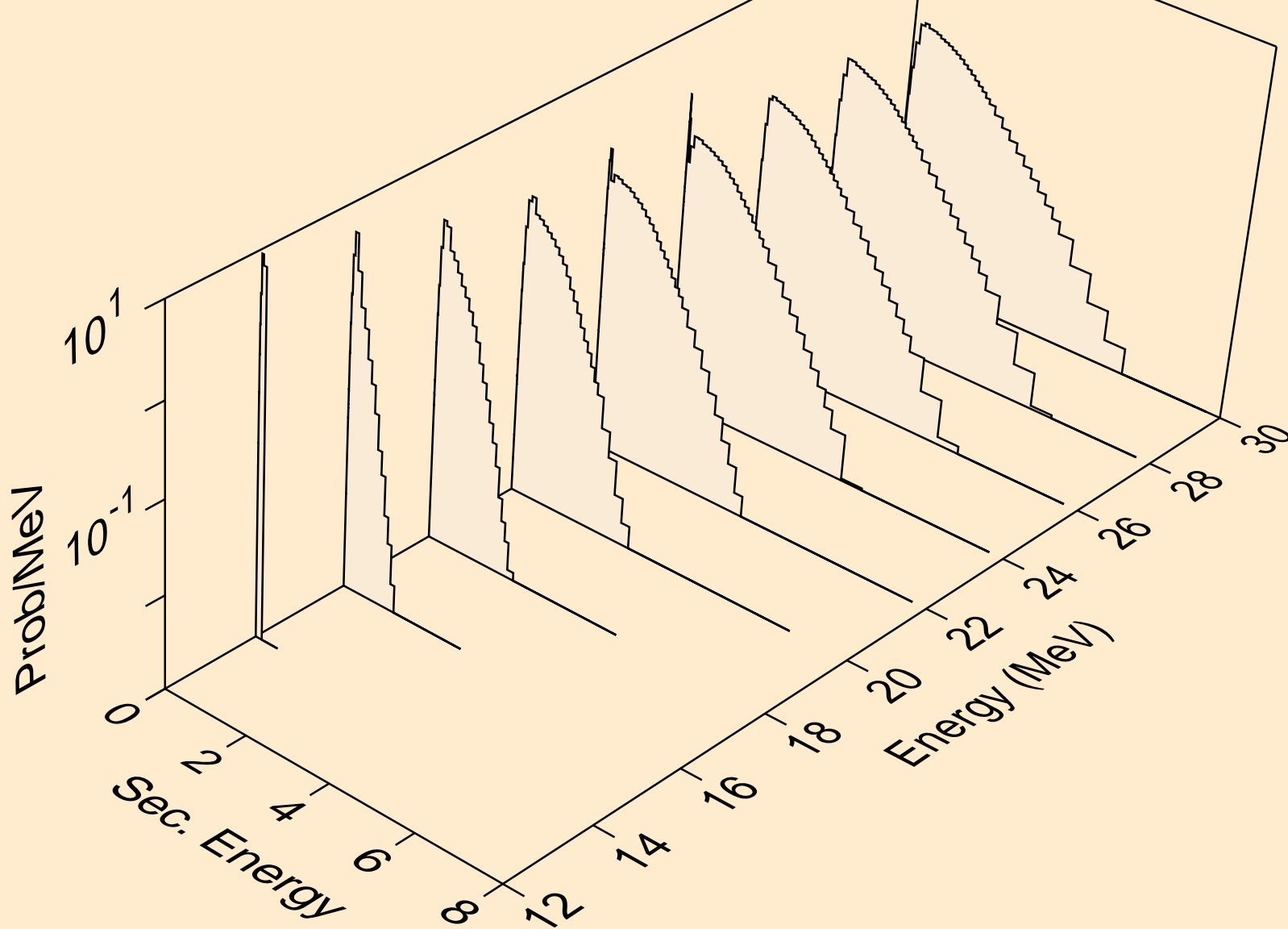
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Neutron emission for (n,3n)a



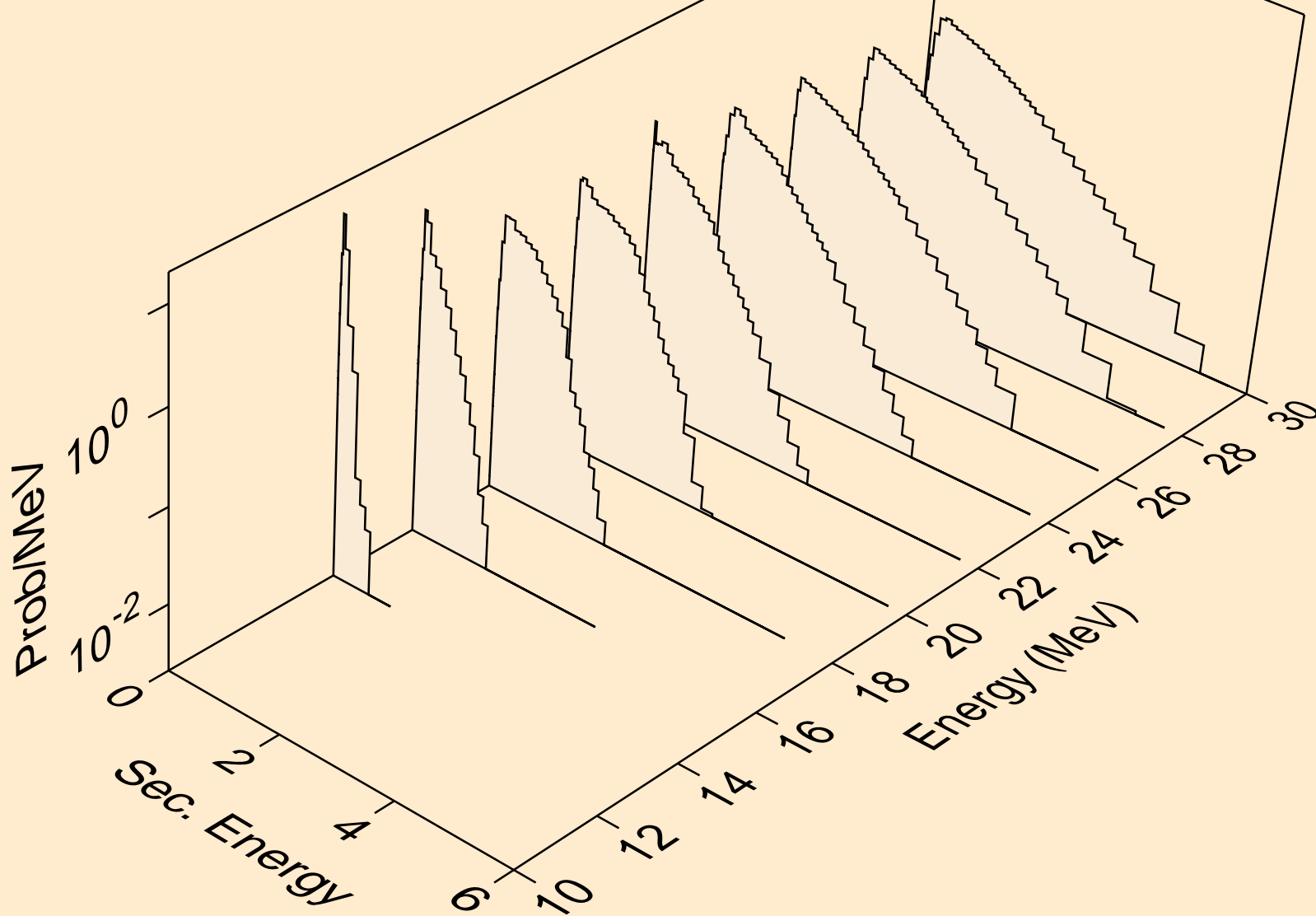
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Neutron emission for (n,n\*)p



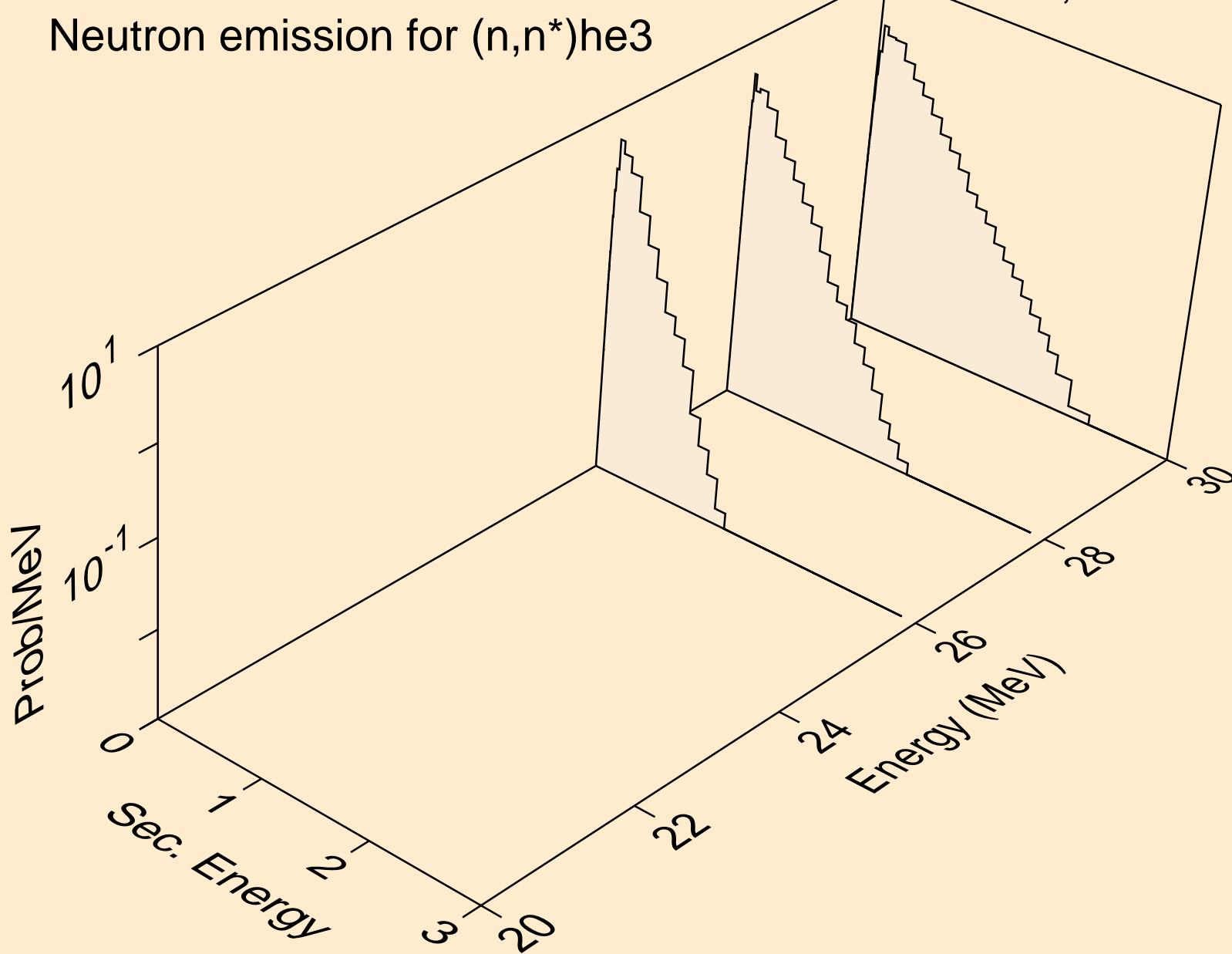
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Neutron emission for (n,n\*)d



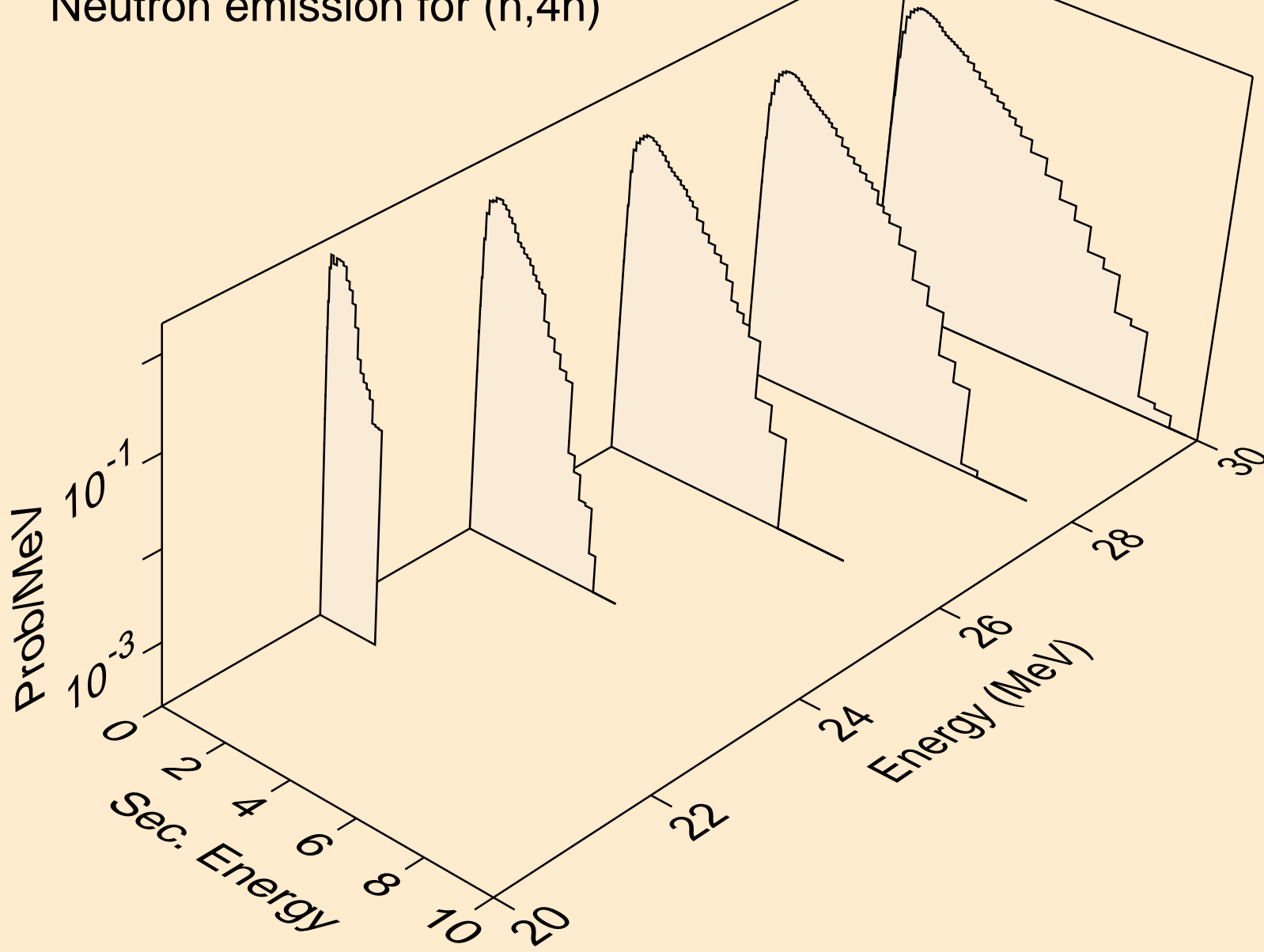
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Neutron emission for (n,n\*)t



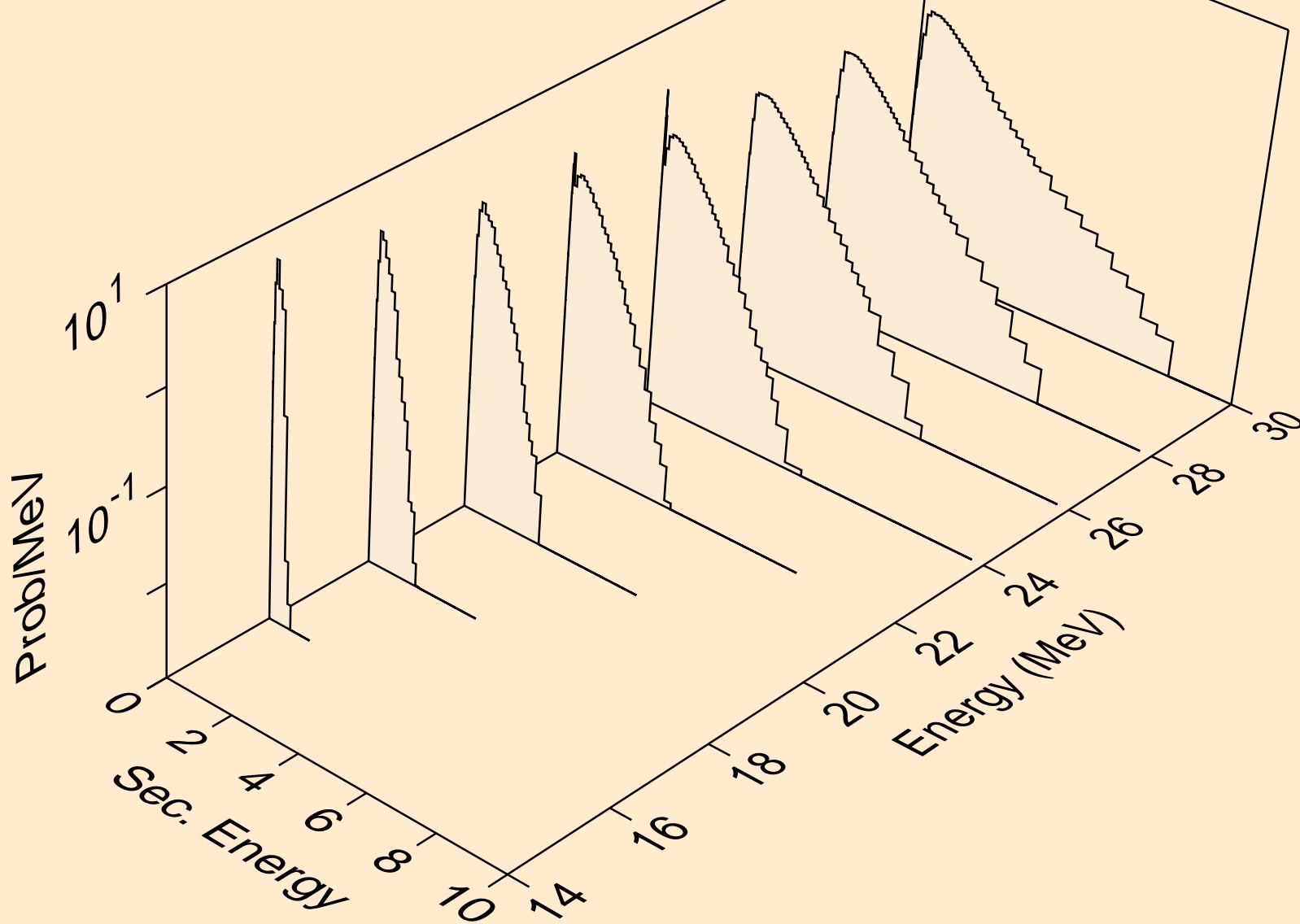
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Neutron emission for (n,n\*)he3



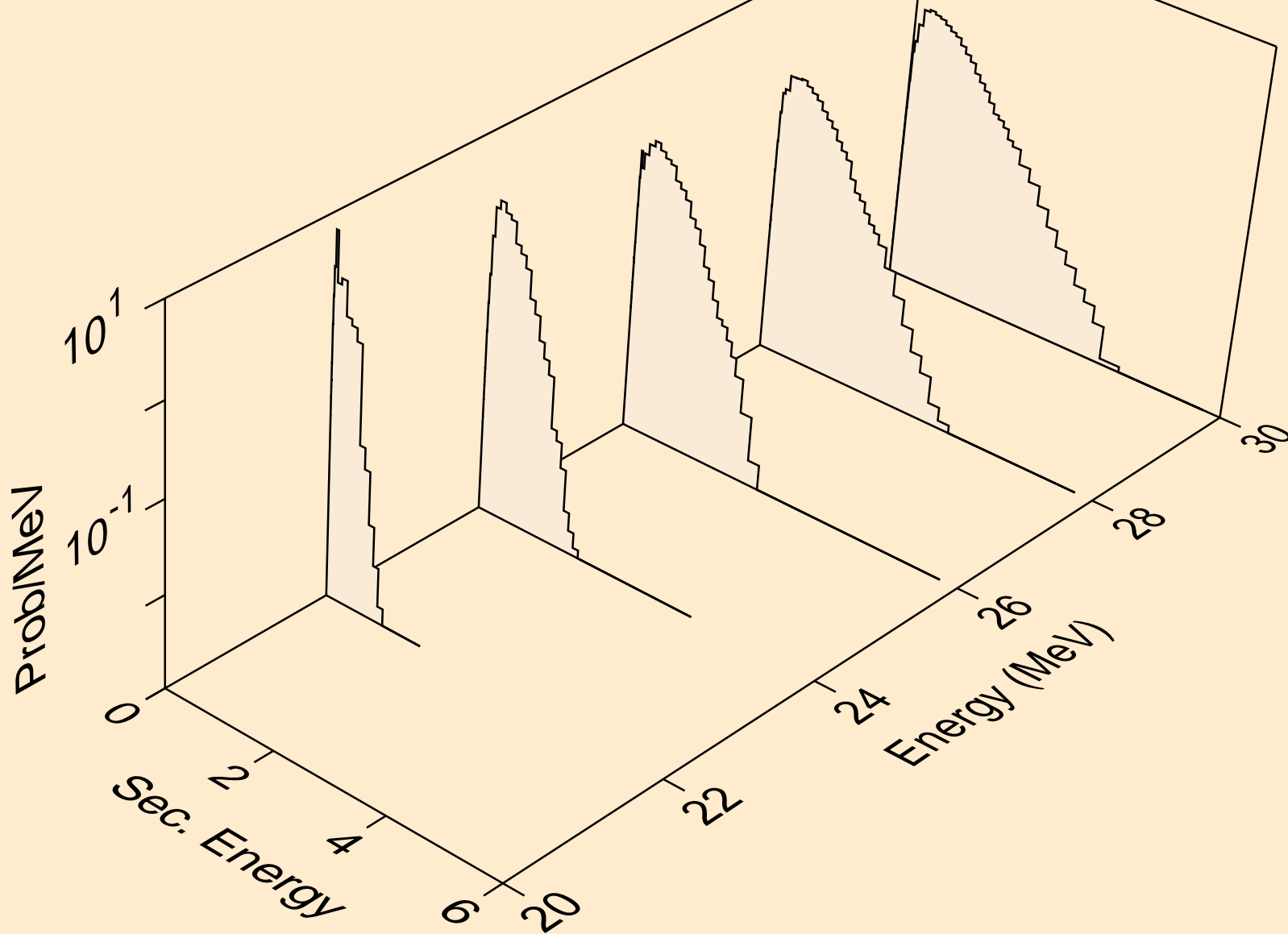
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

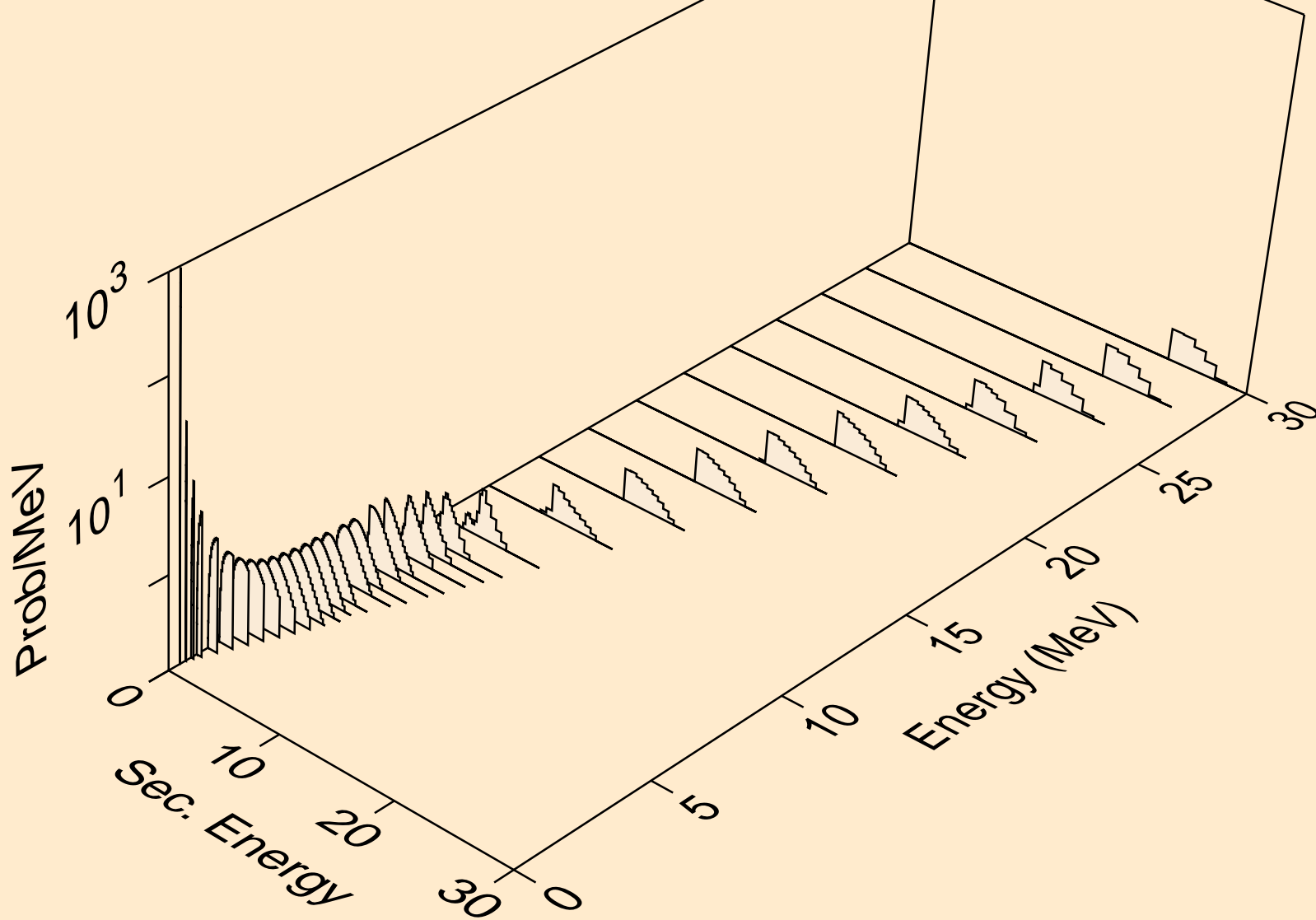


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

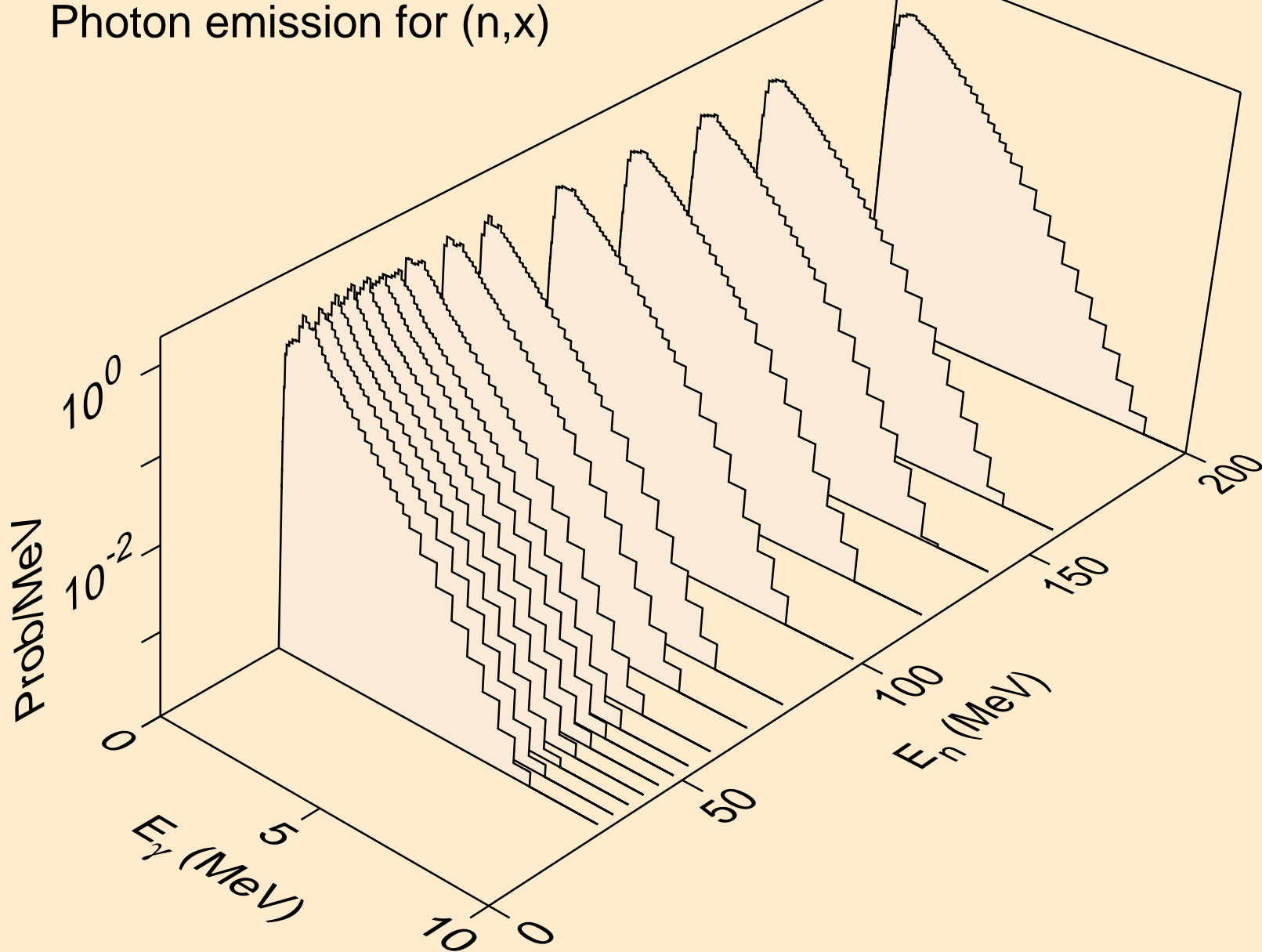




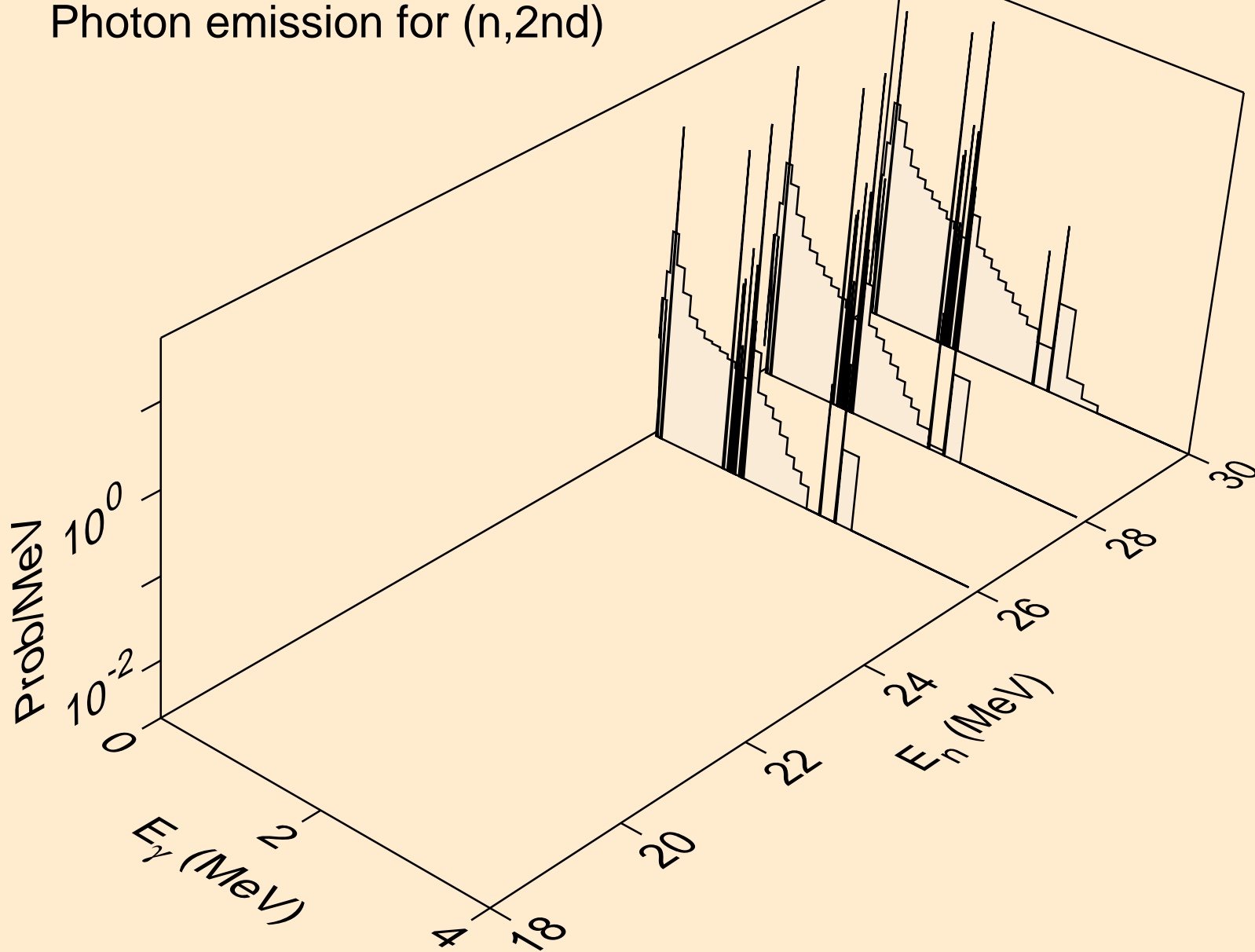
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Neutron emission for (n,n\*c)



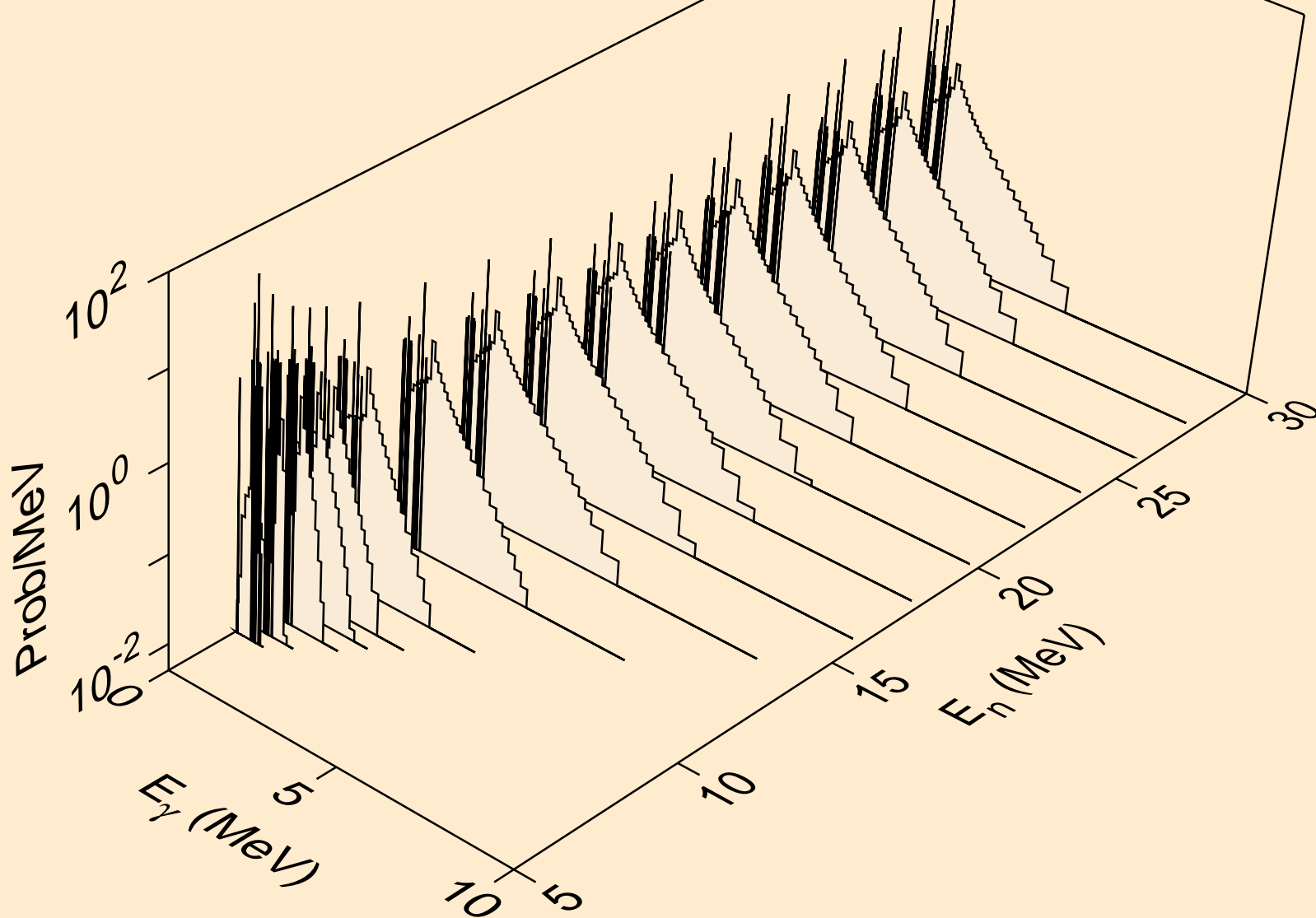
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



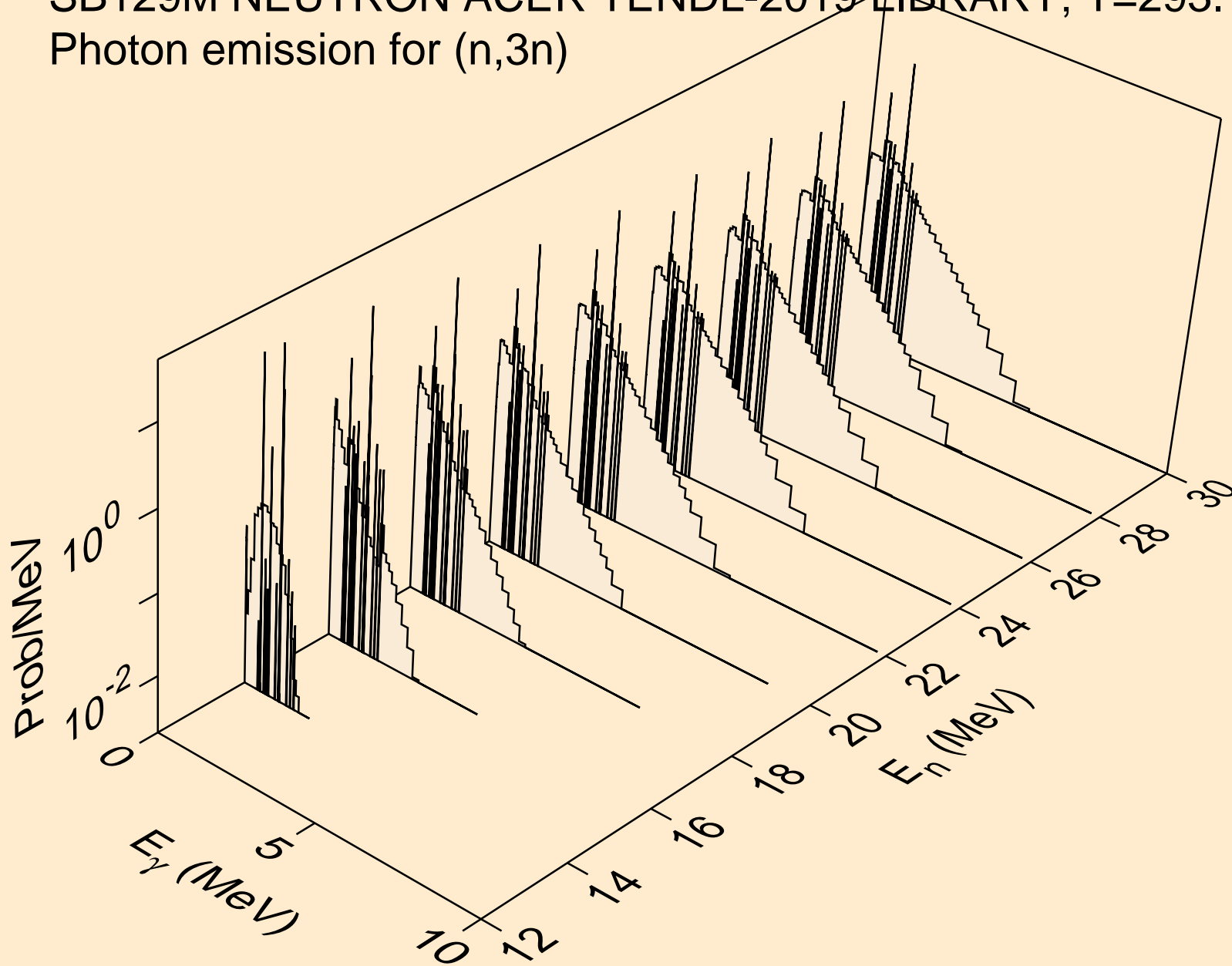
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



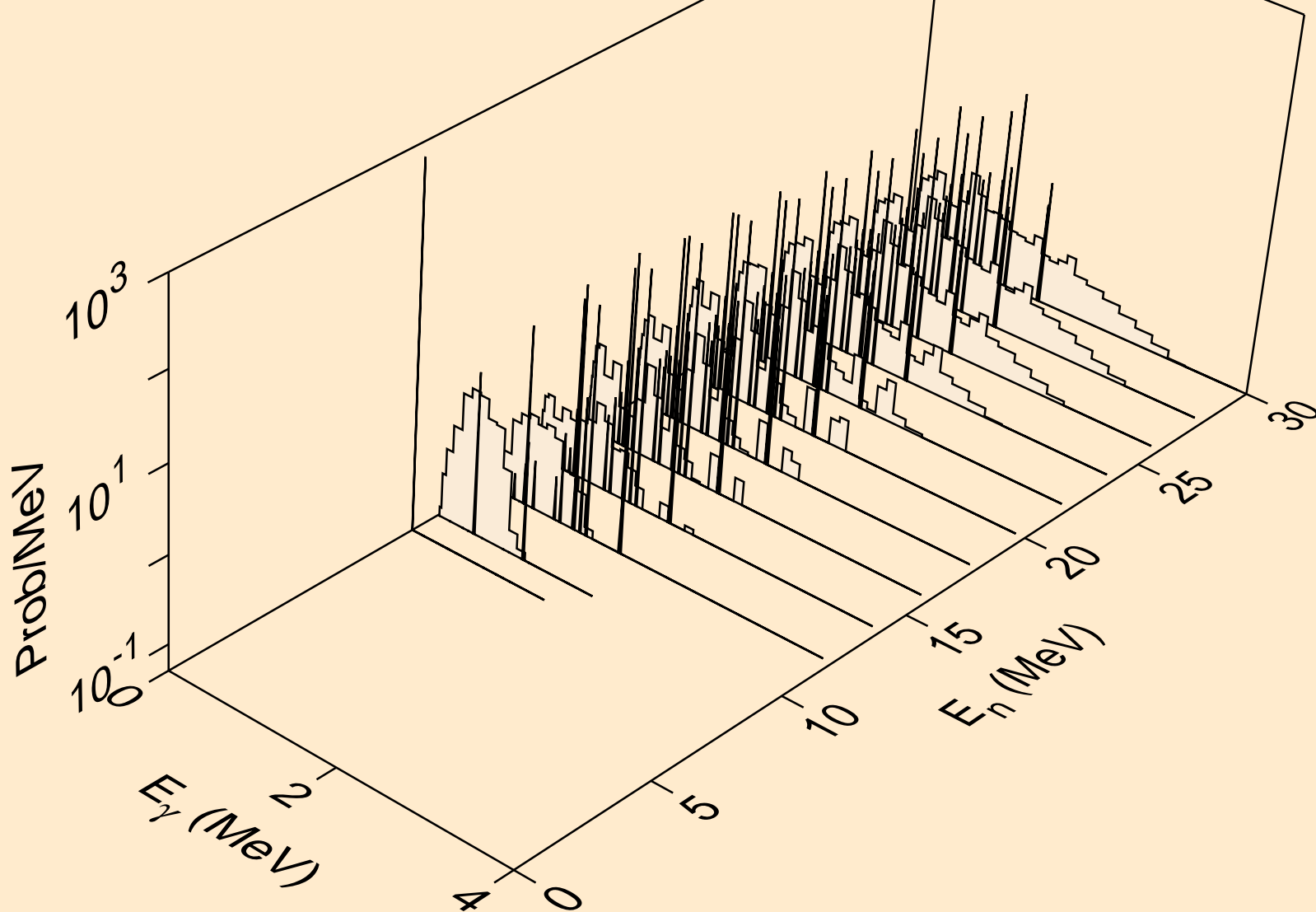
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



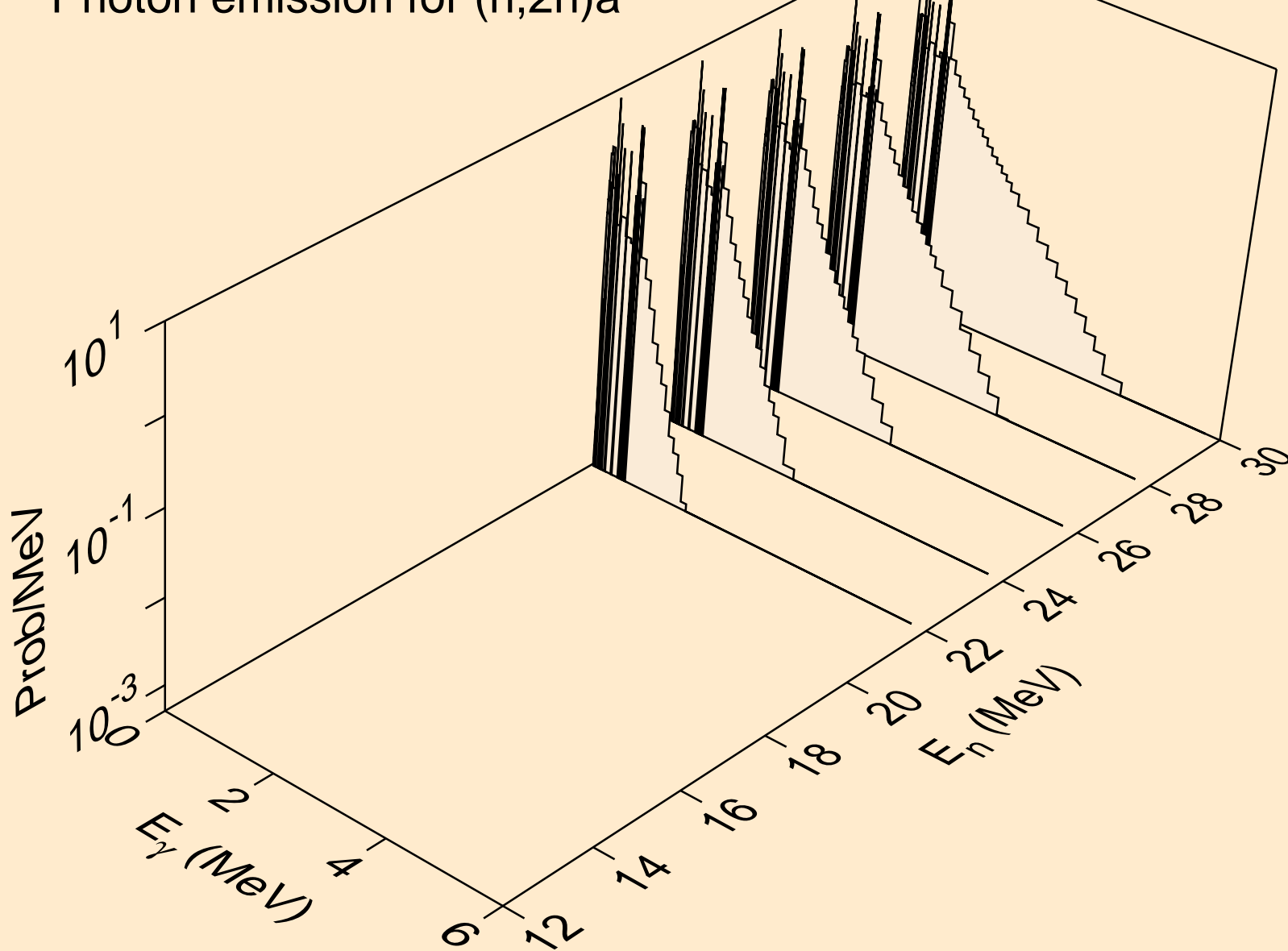
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



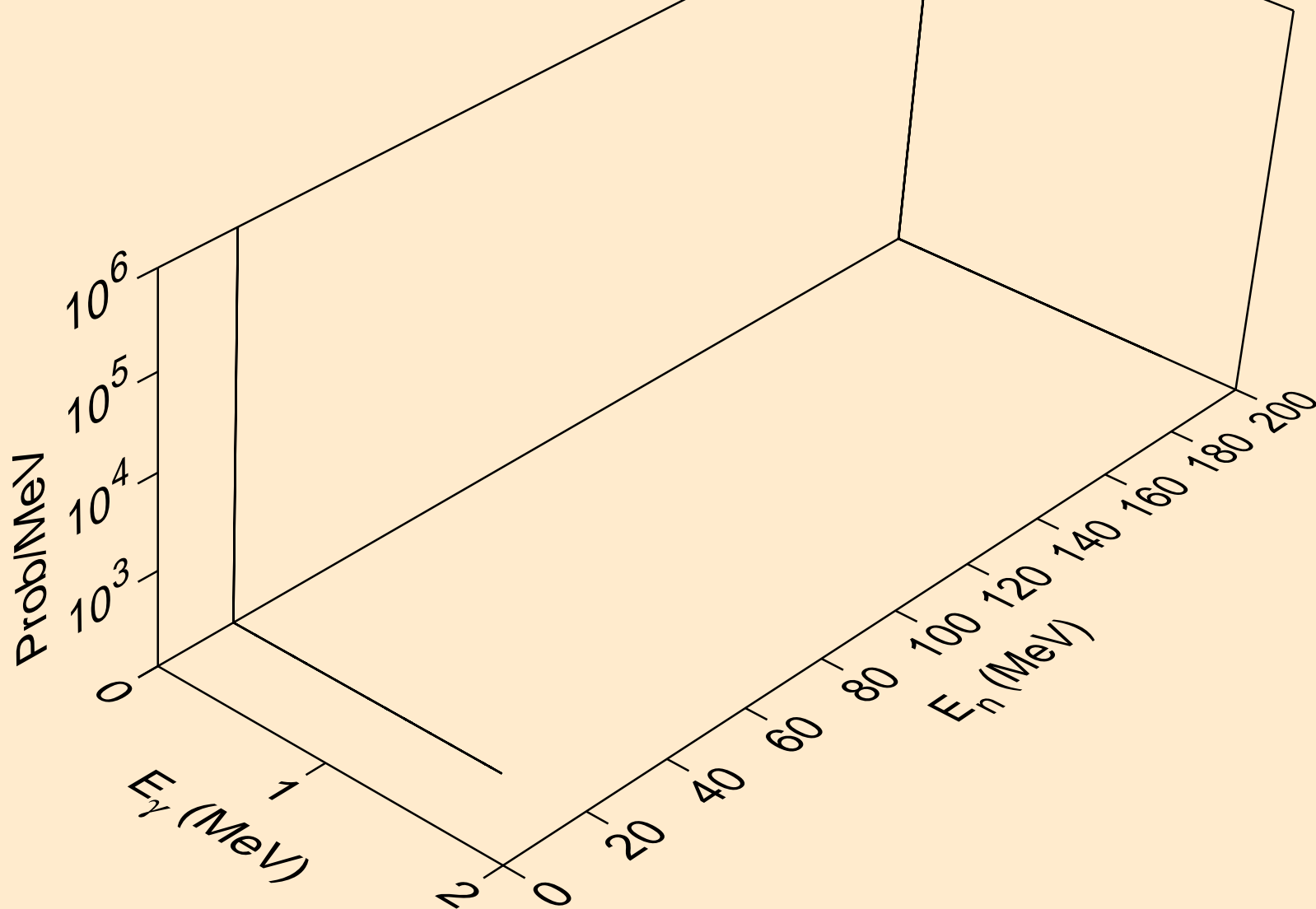
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a

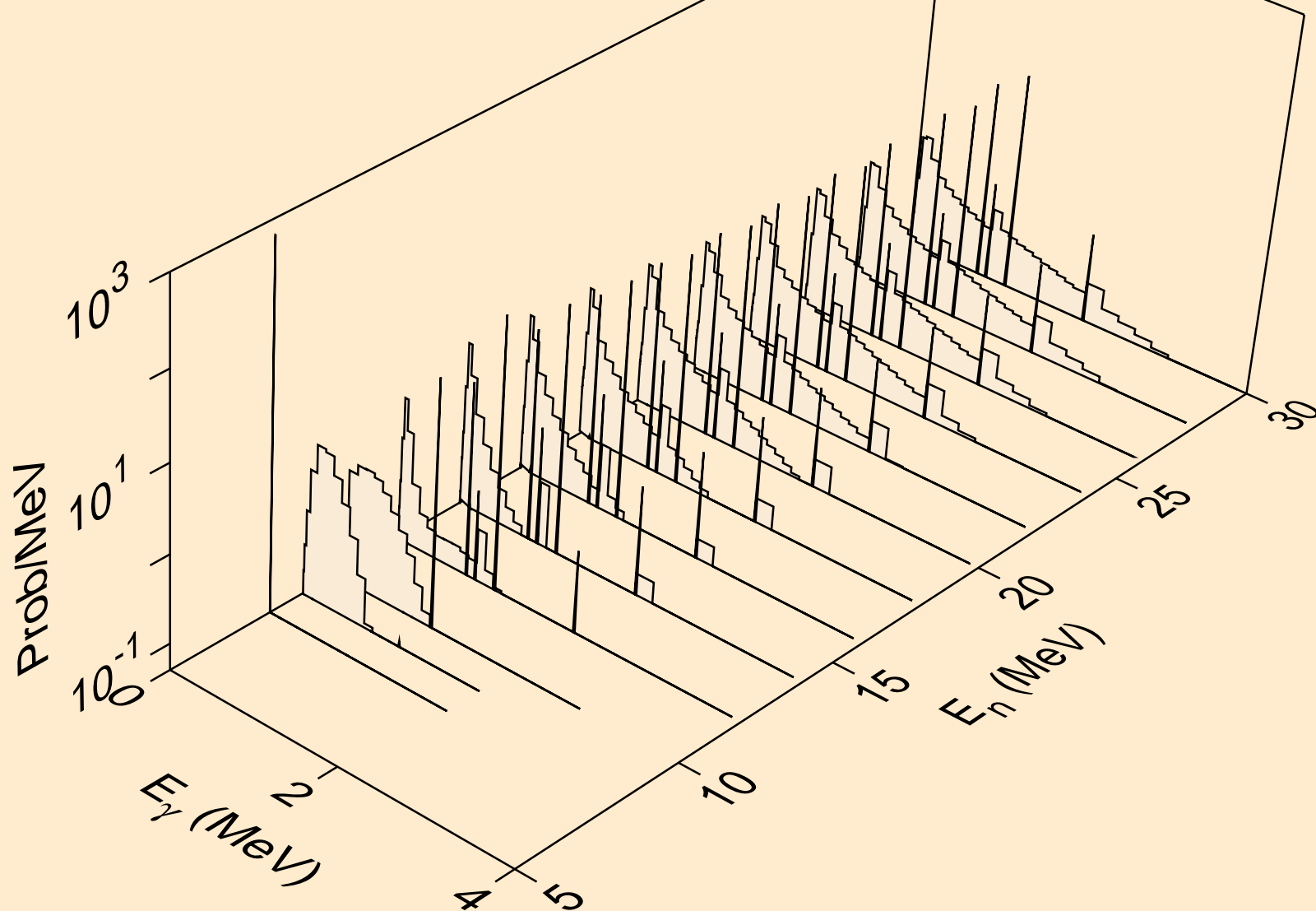


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

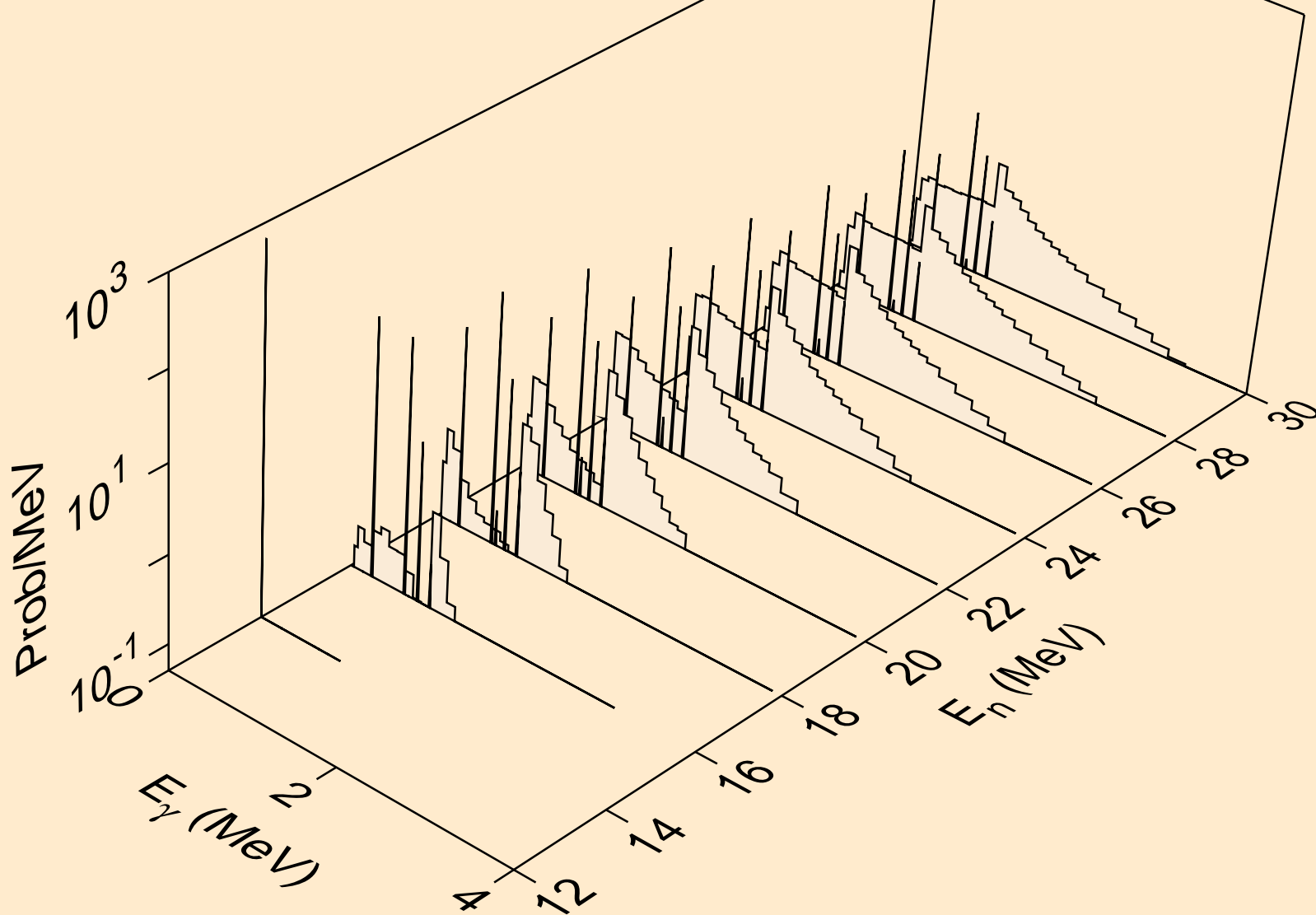




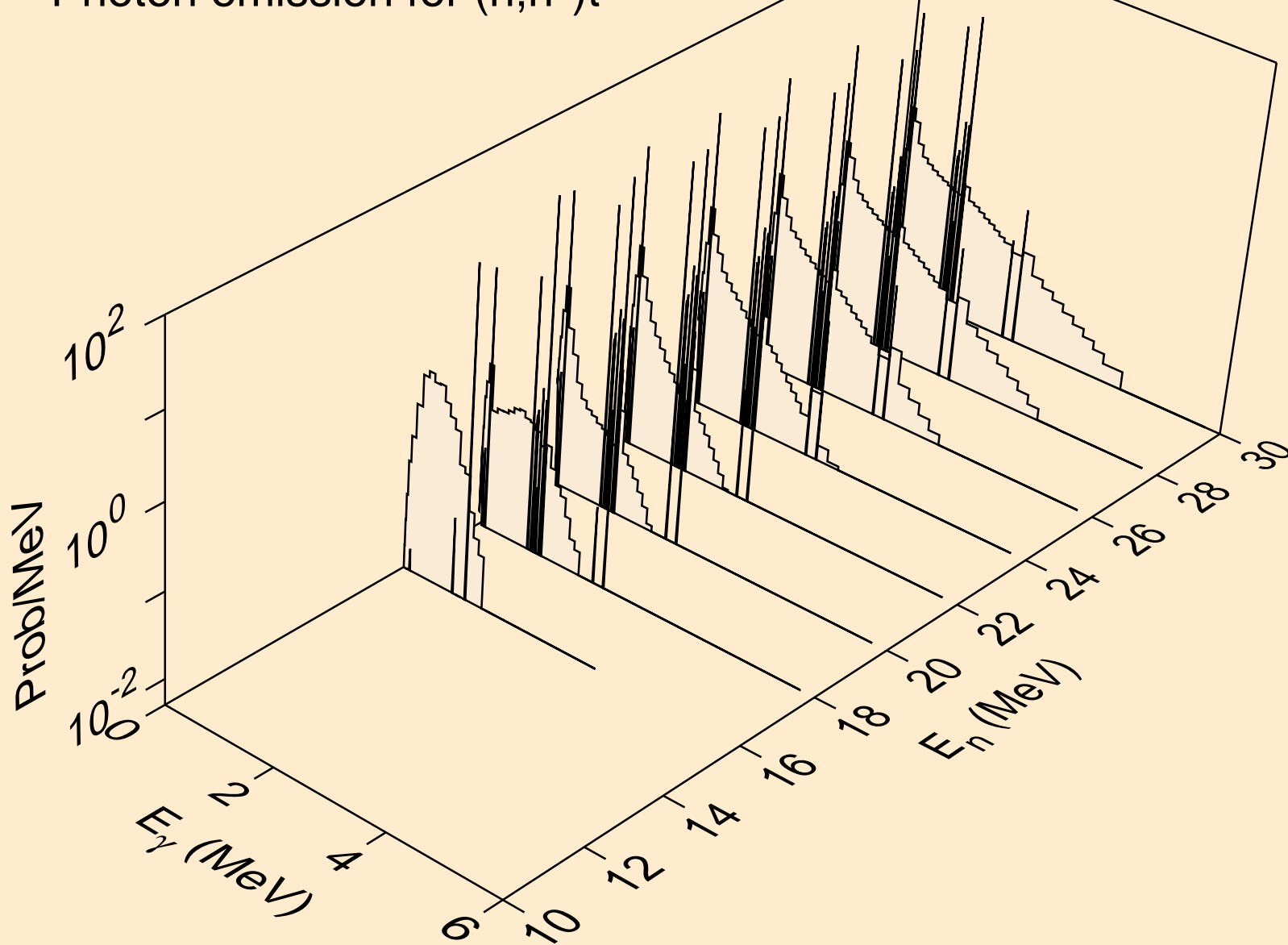
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p



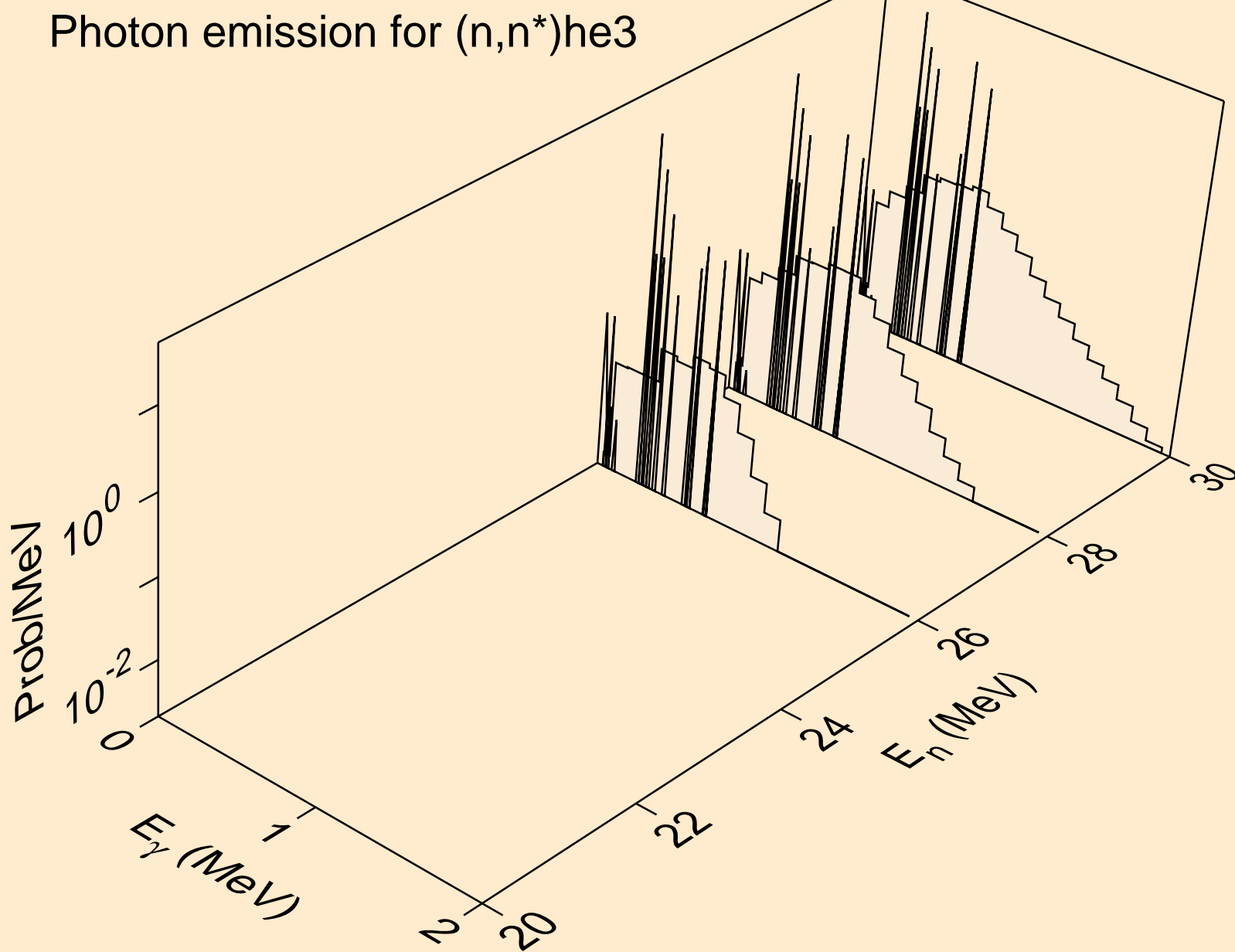
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Photon emission for (n,n\*)d



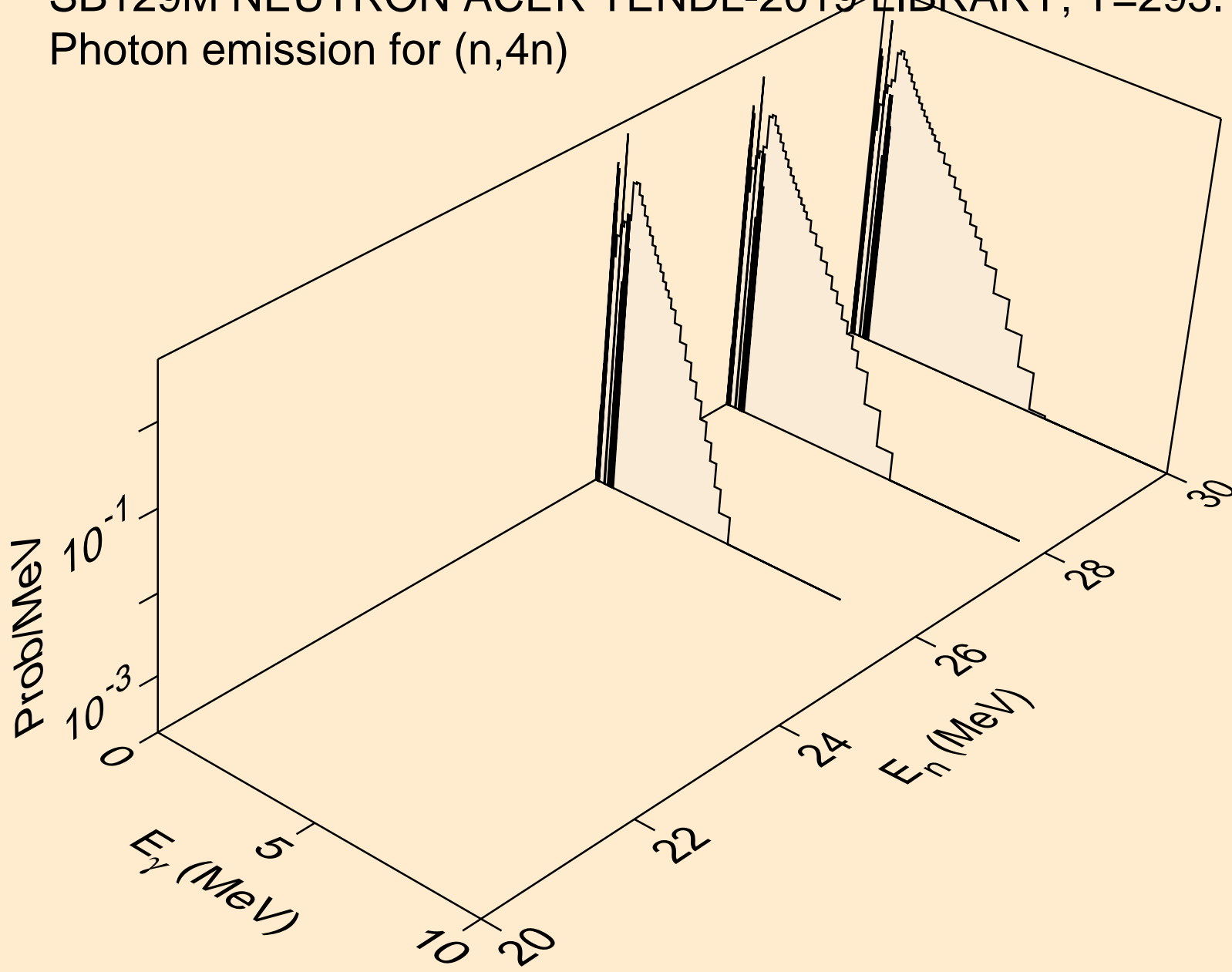
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



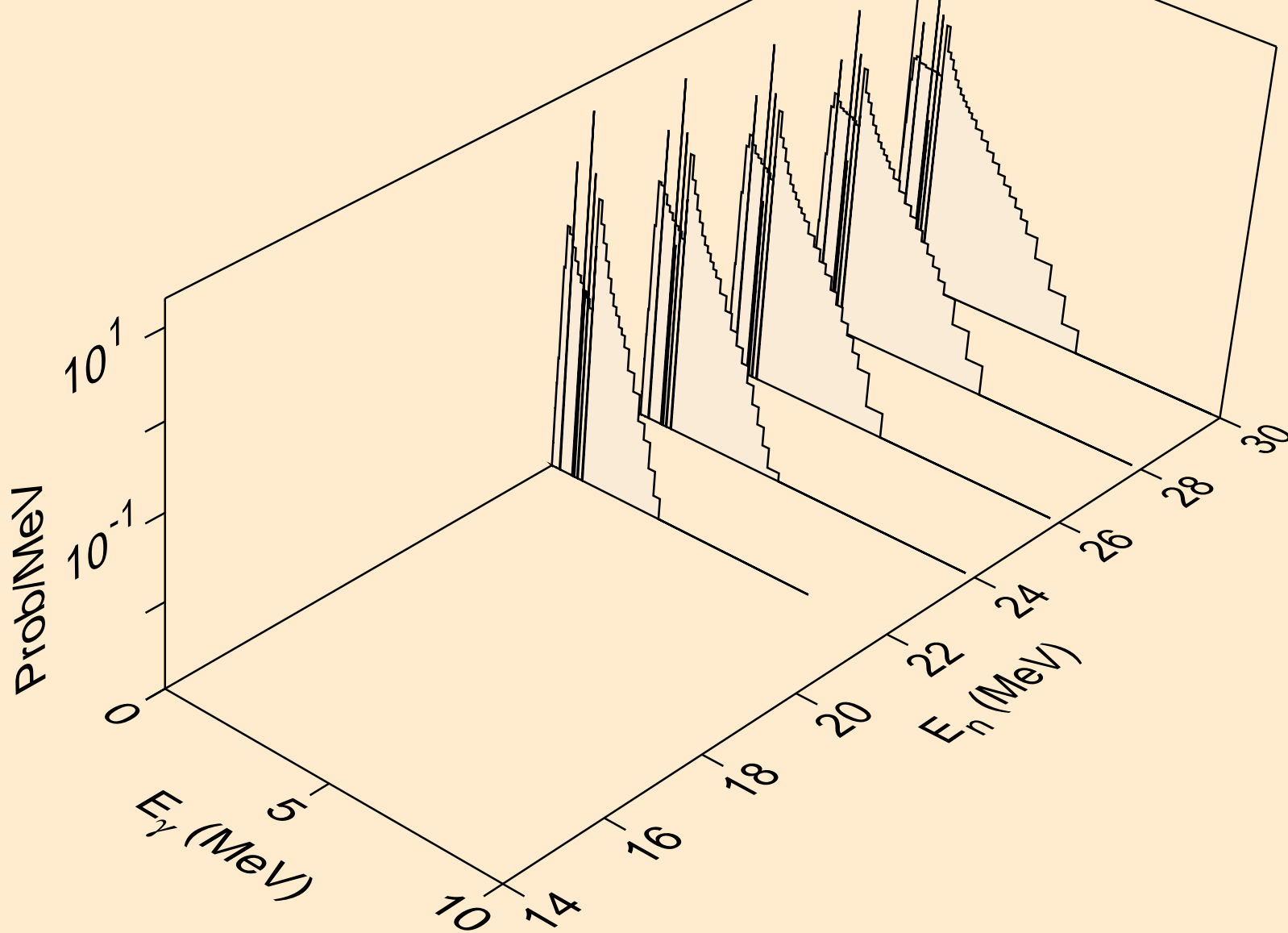
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



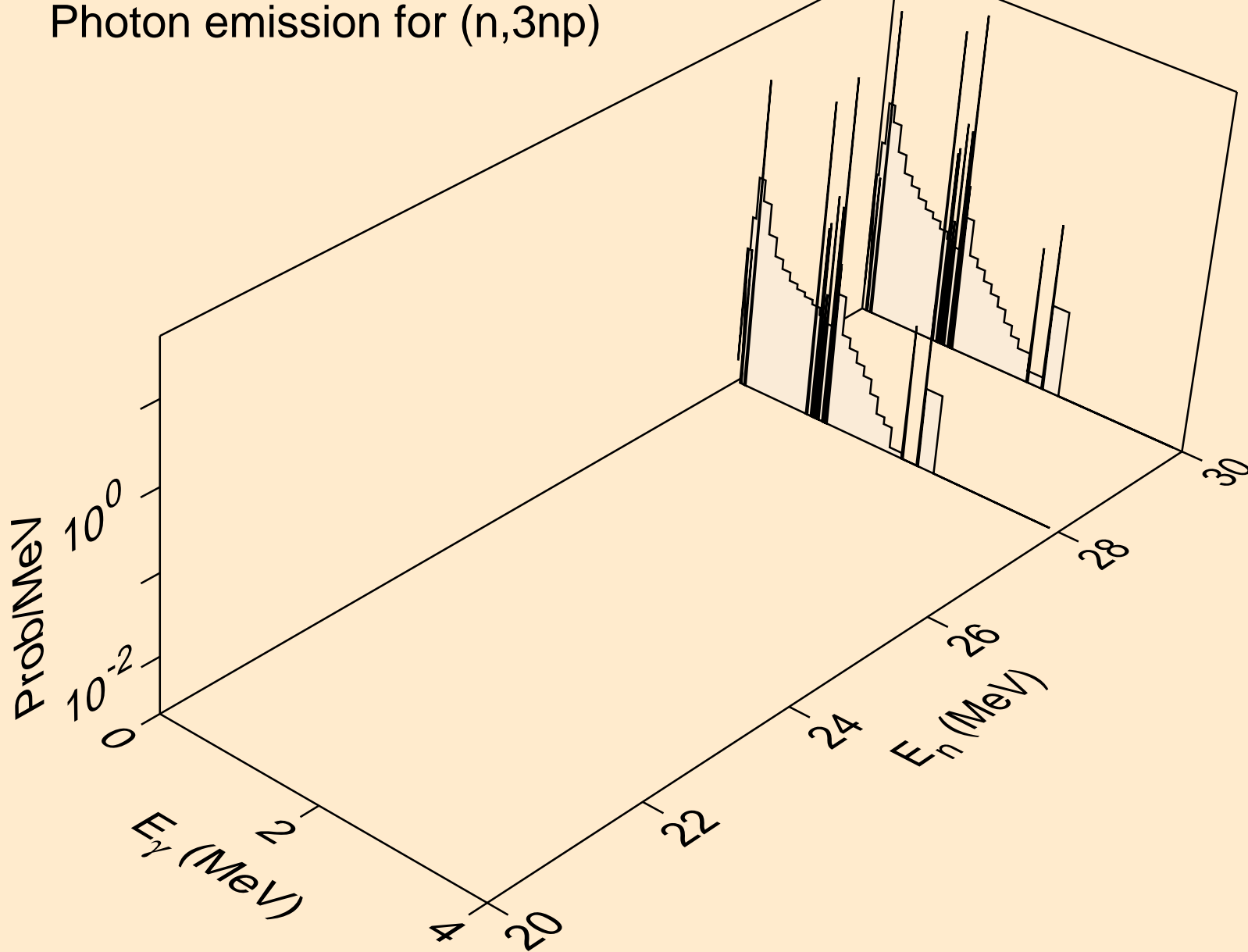
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



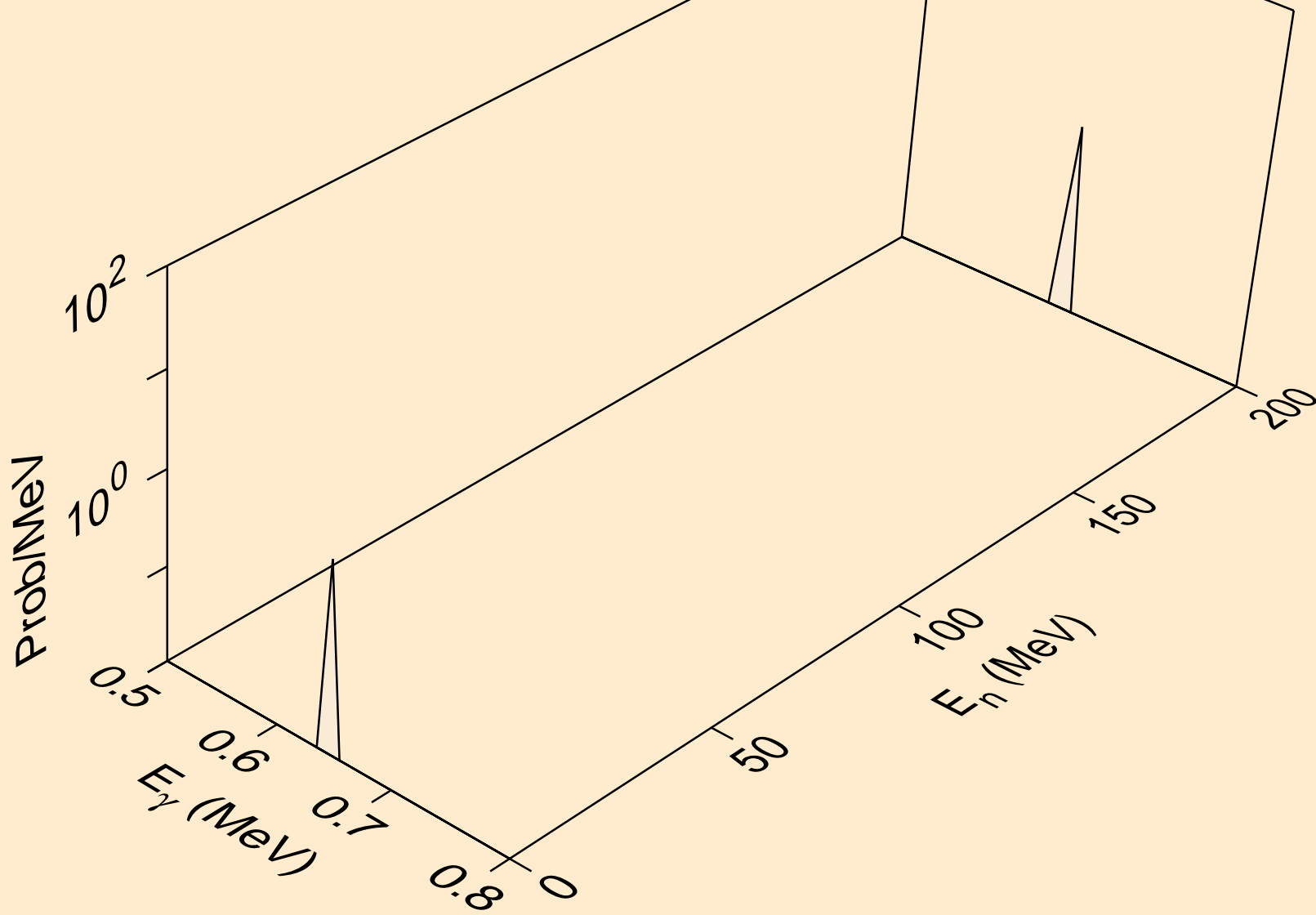
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

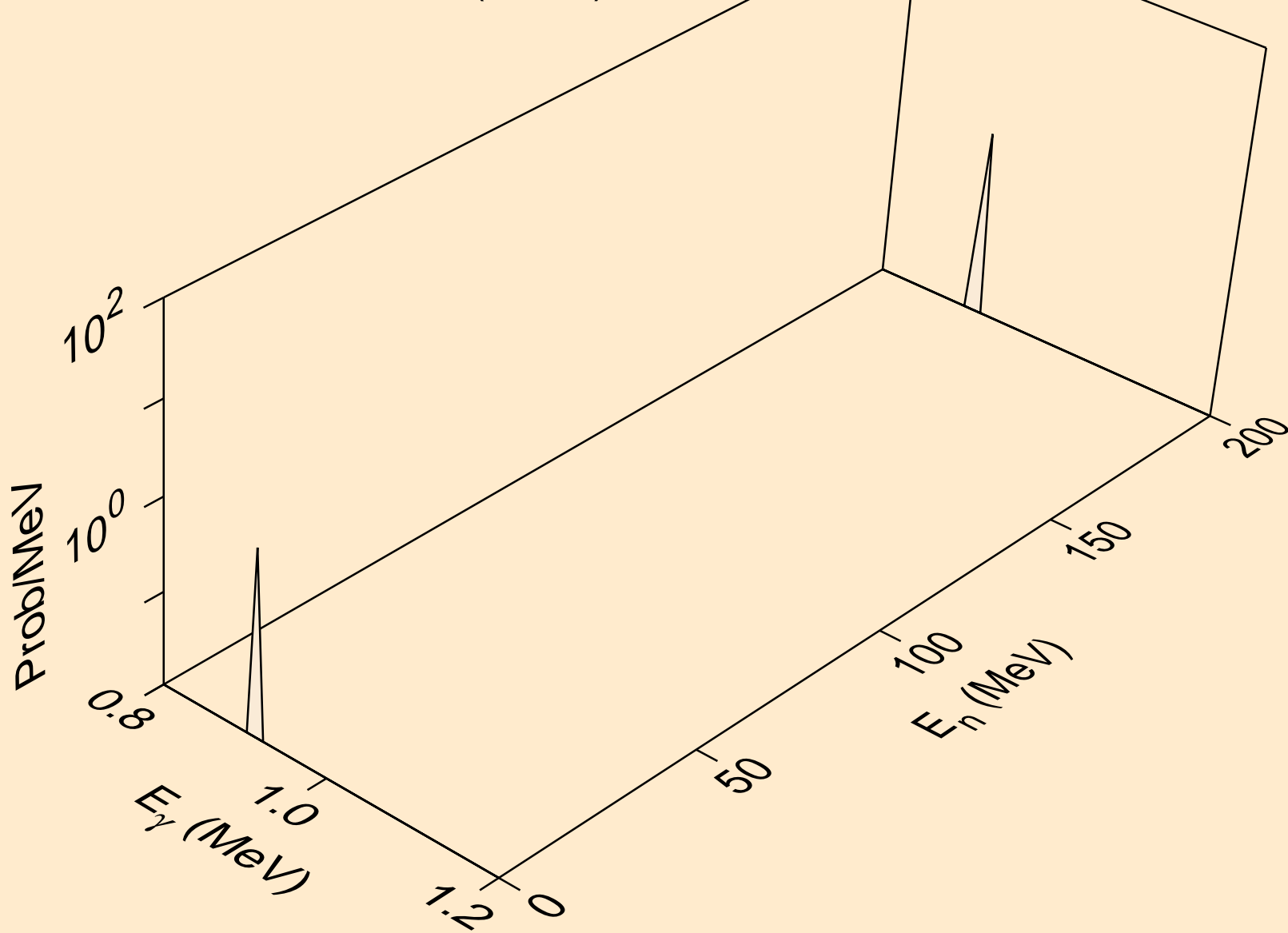


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*1)

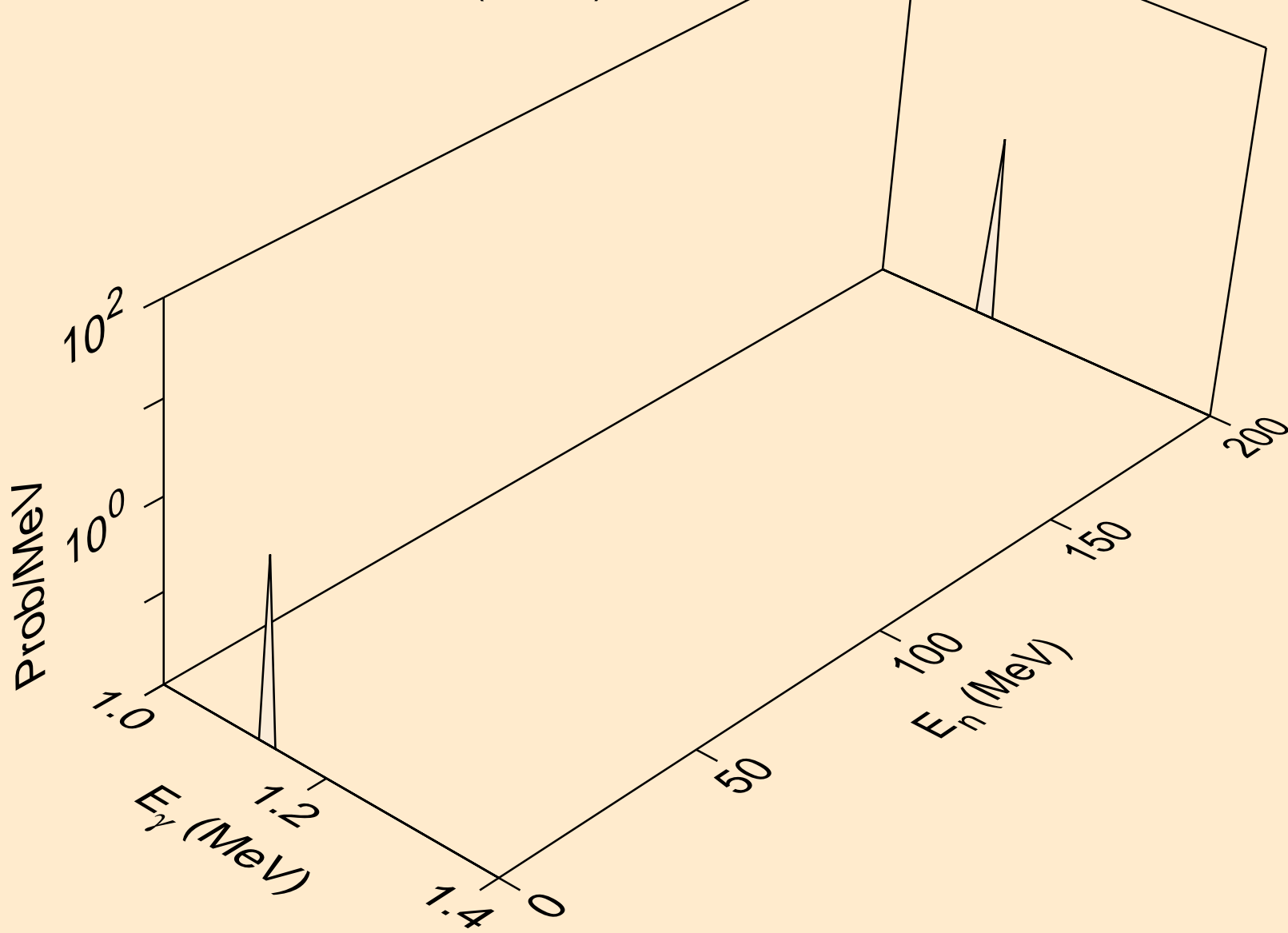




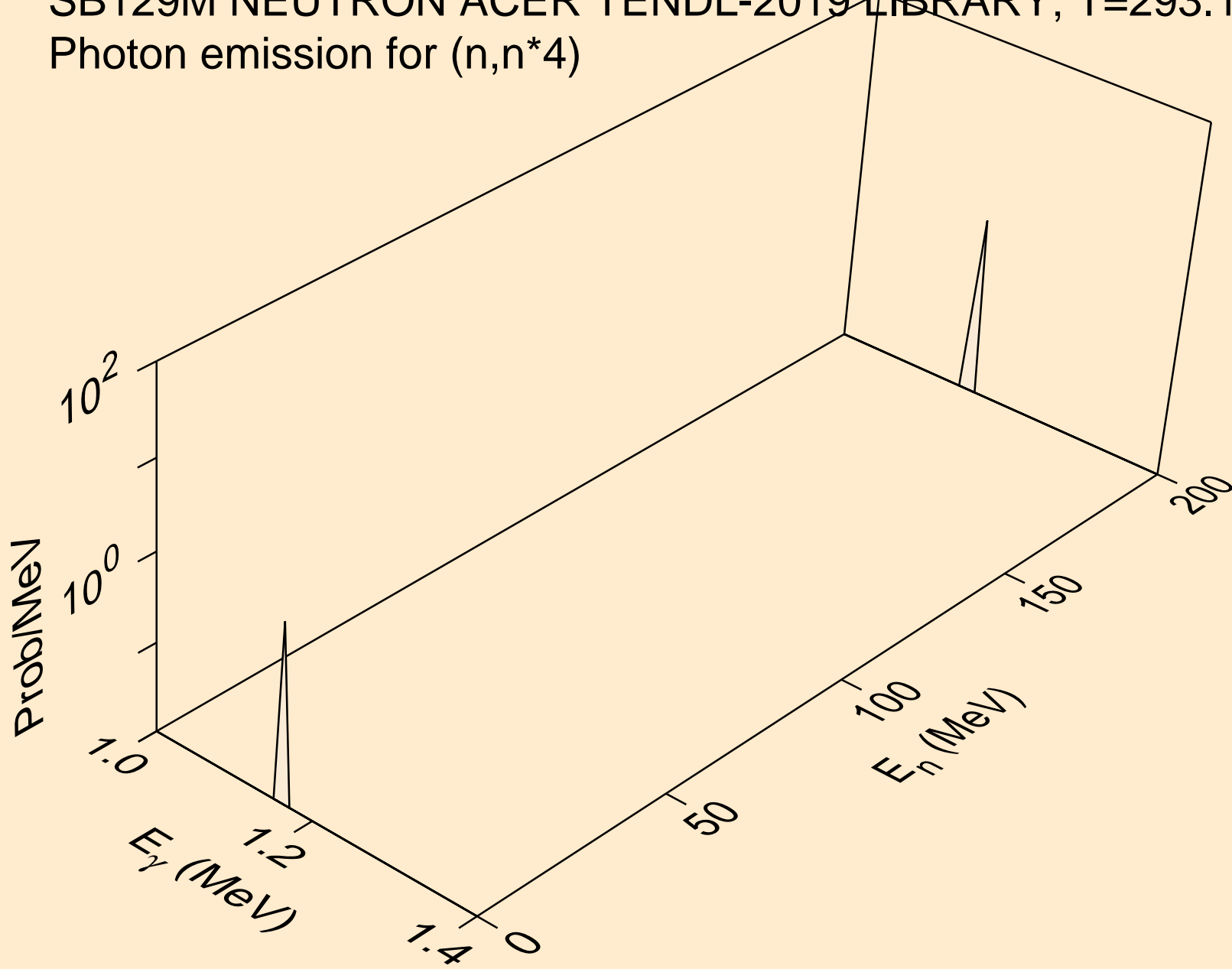
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Photon emission for (n,n\*2)



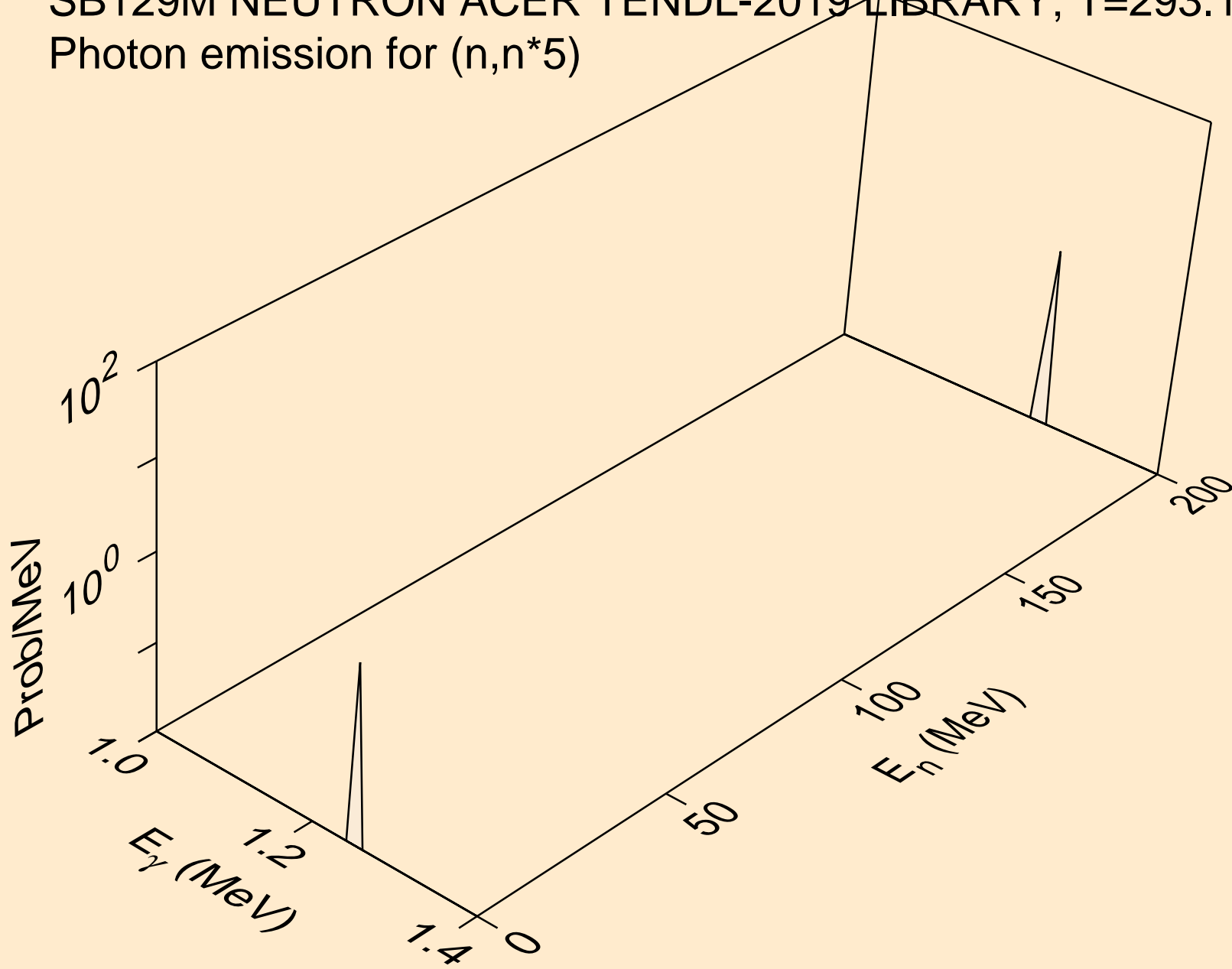
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Photon emission for (n,n\*3)



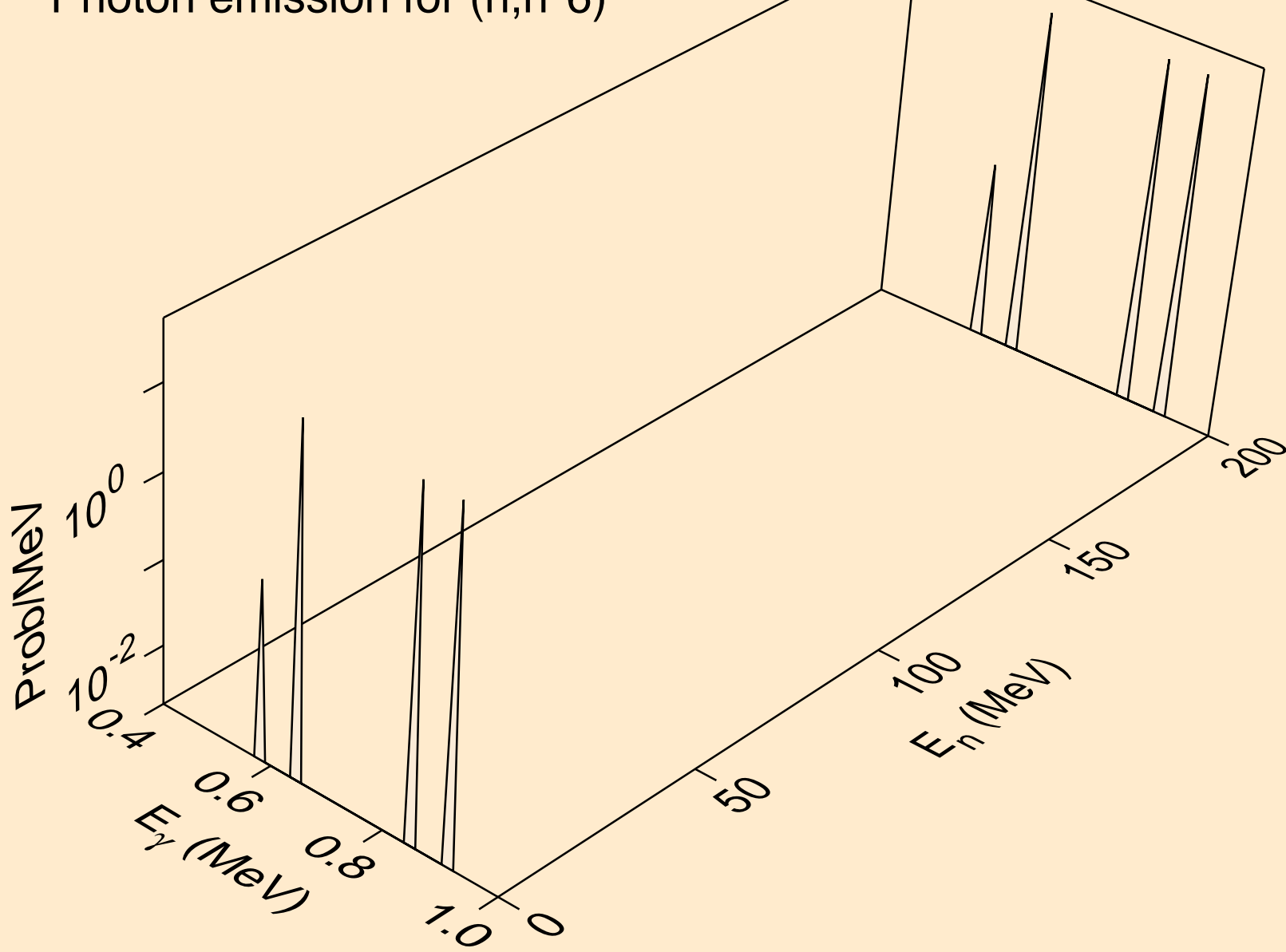
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Photon emission for (n,n\*4)



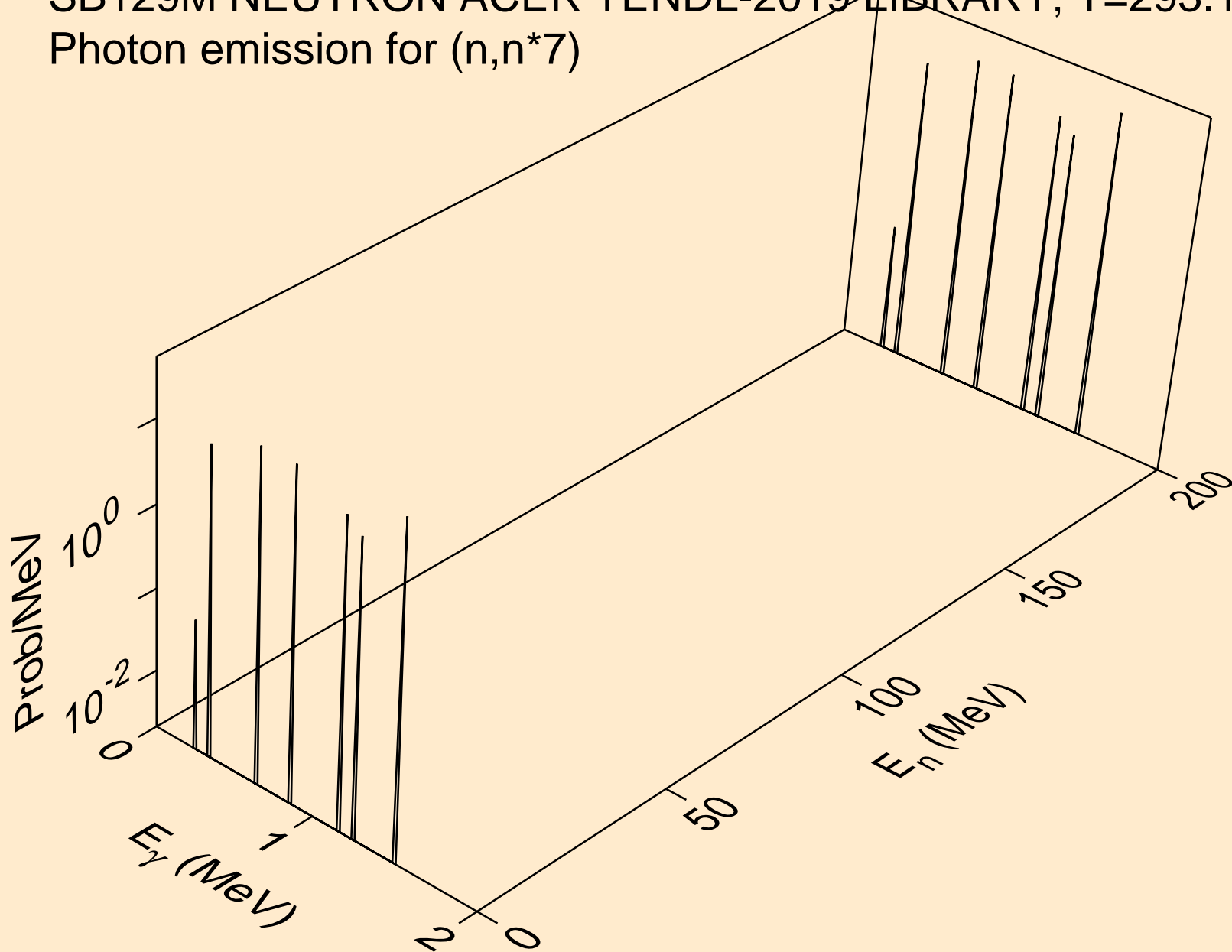
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Photon emission for (n,n\*5)



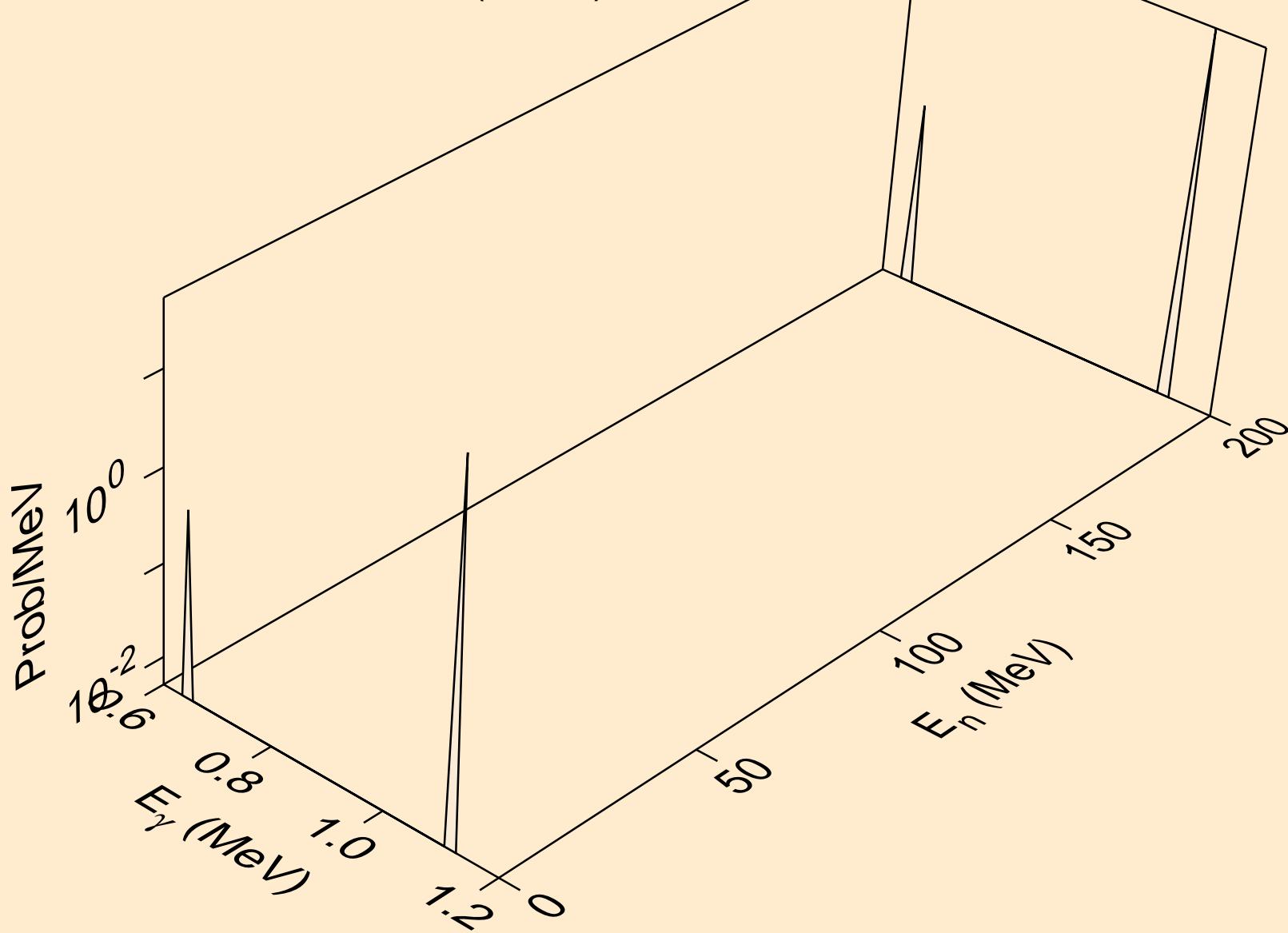
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*6)



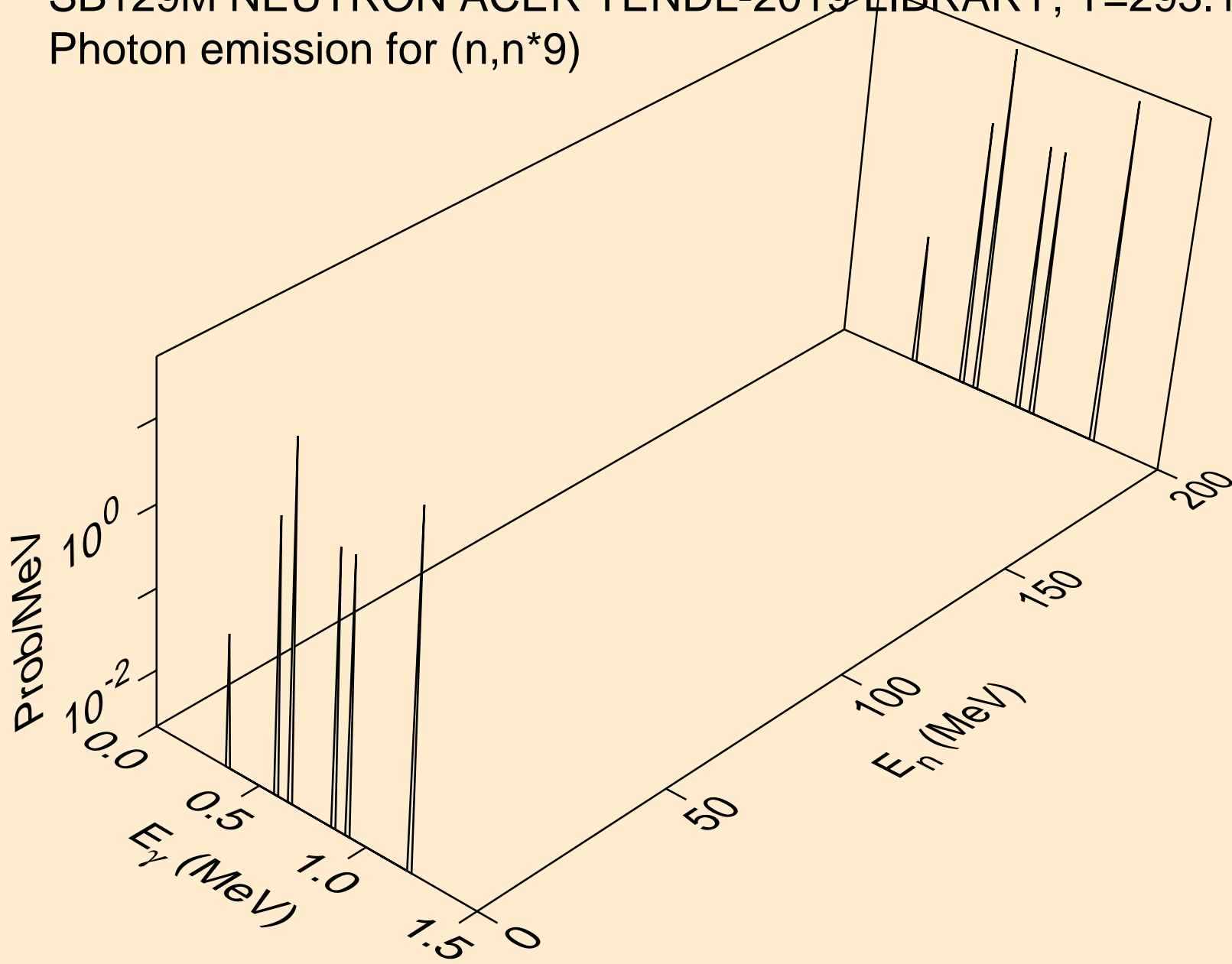
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*7)



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*8)

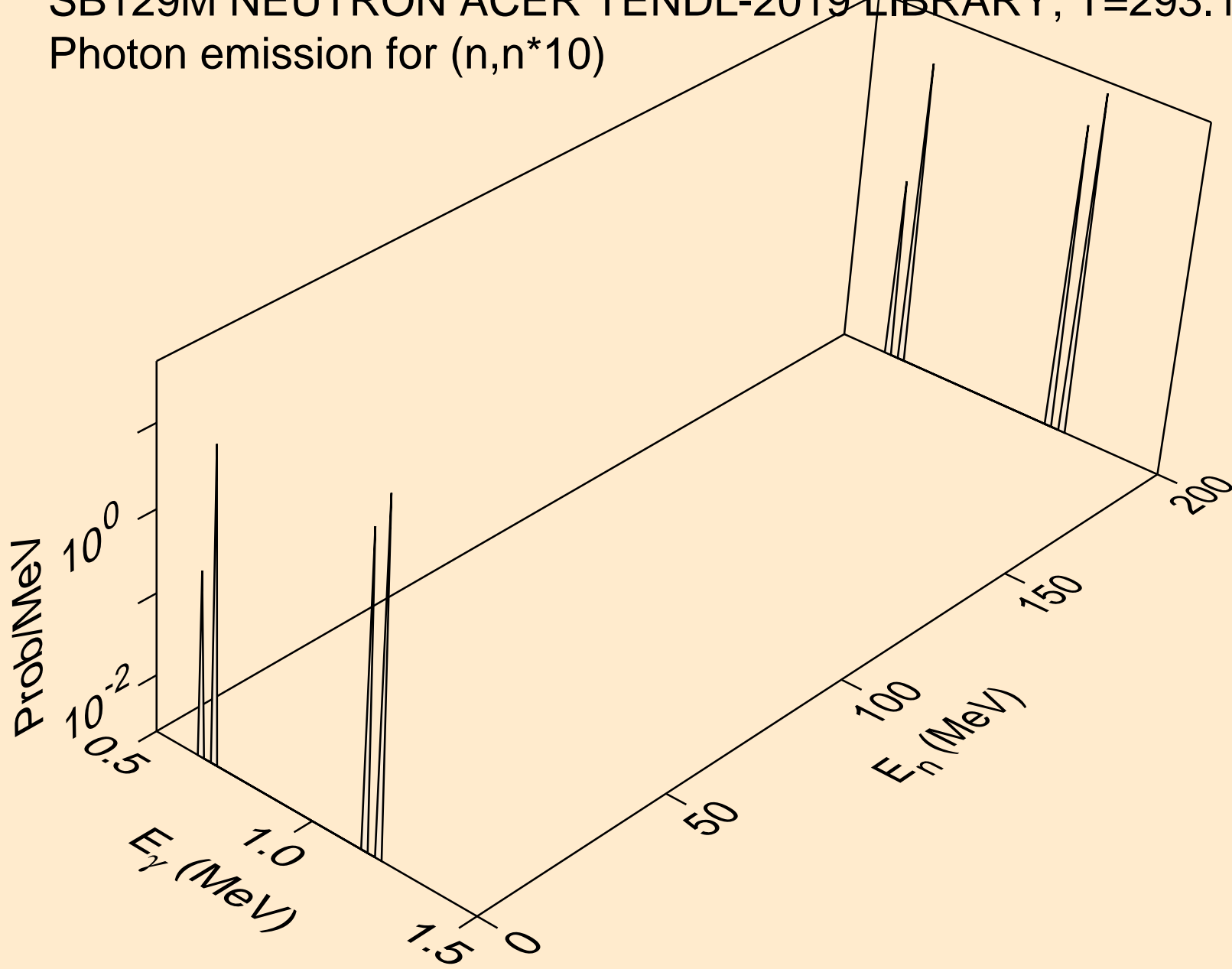


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*9)

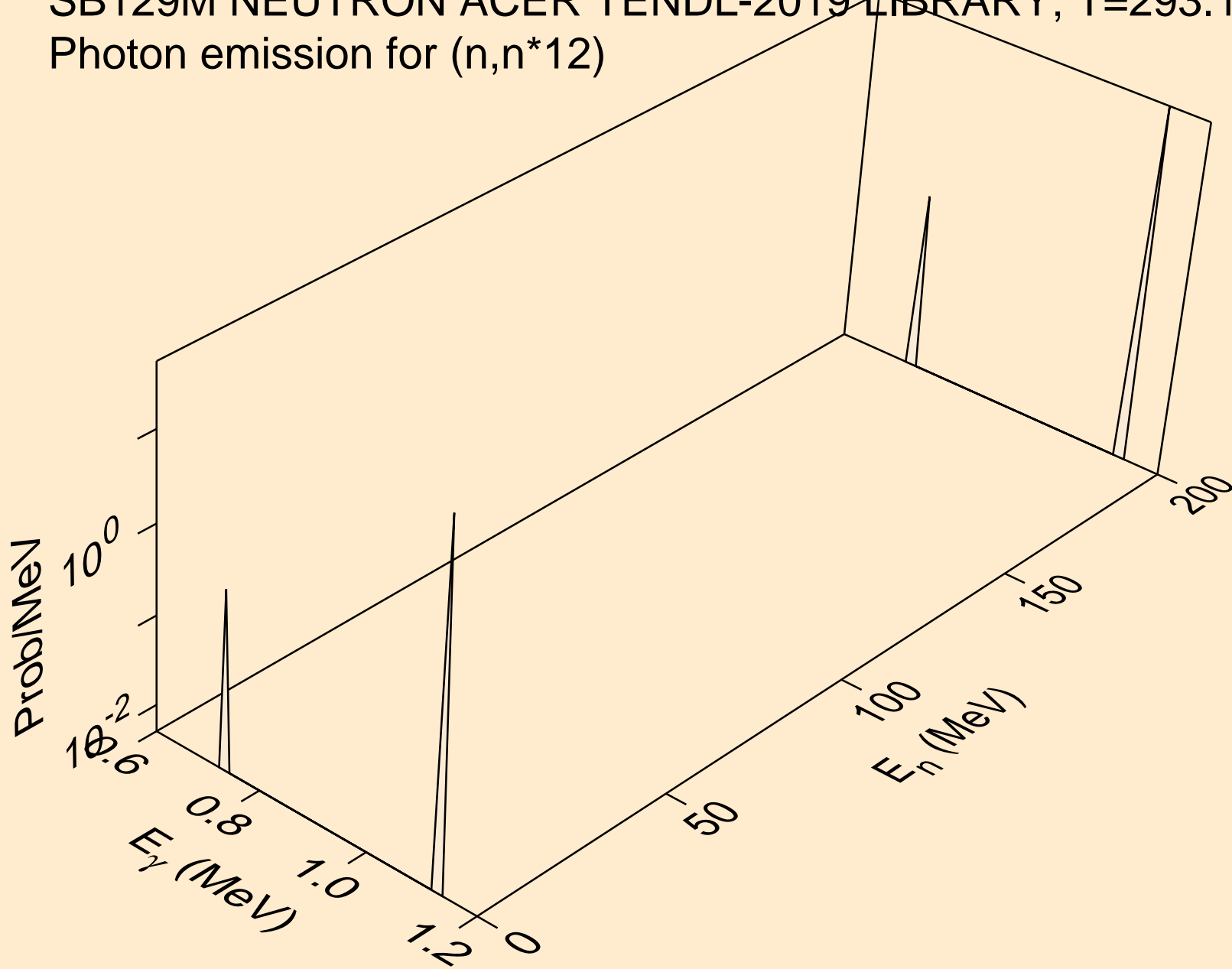




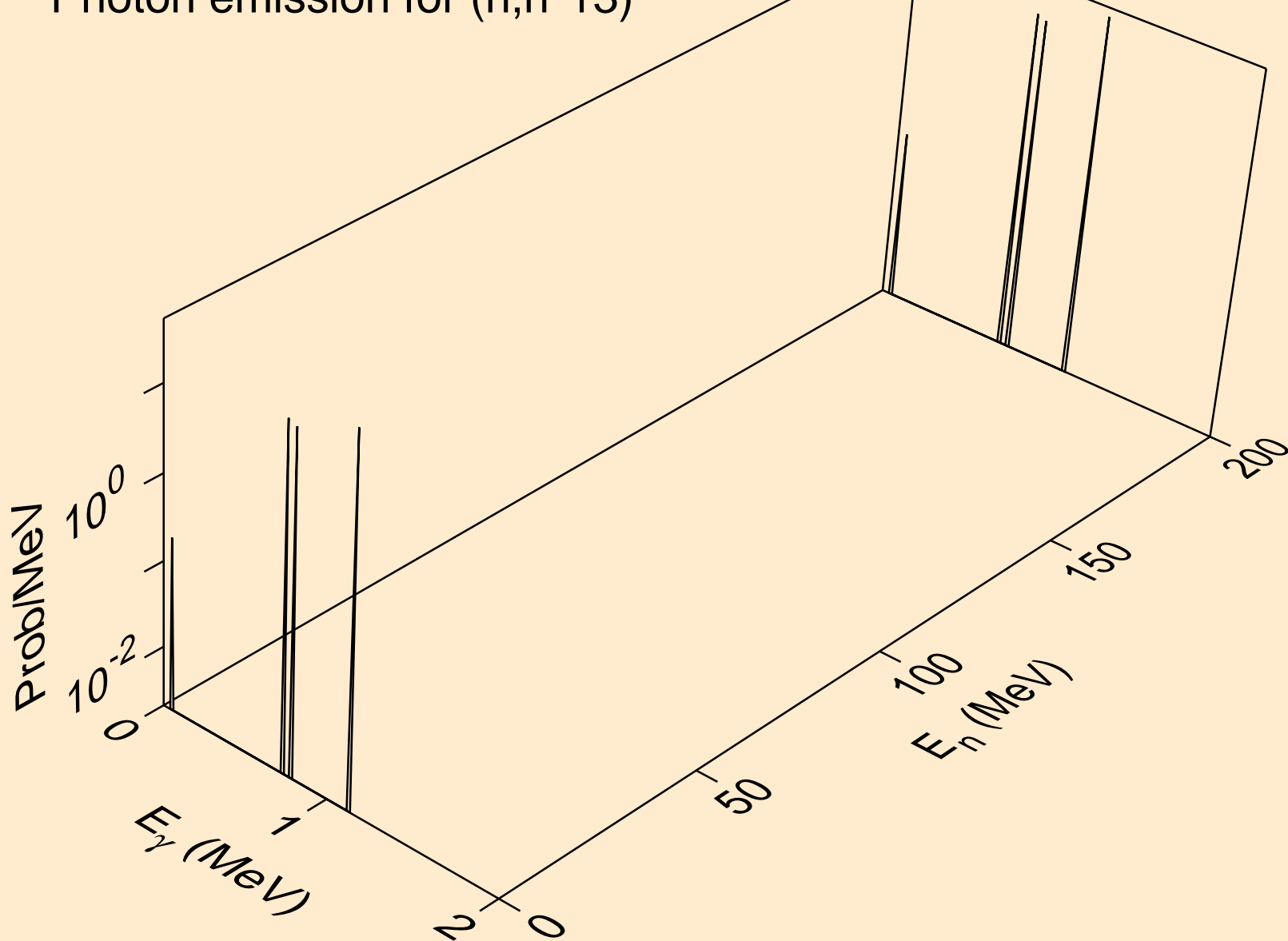
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Photon emission for (n,n\*10)



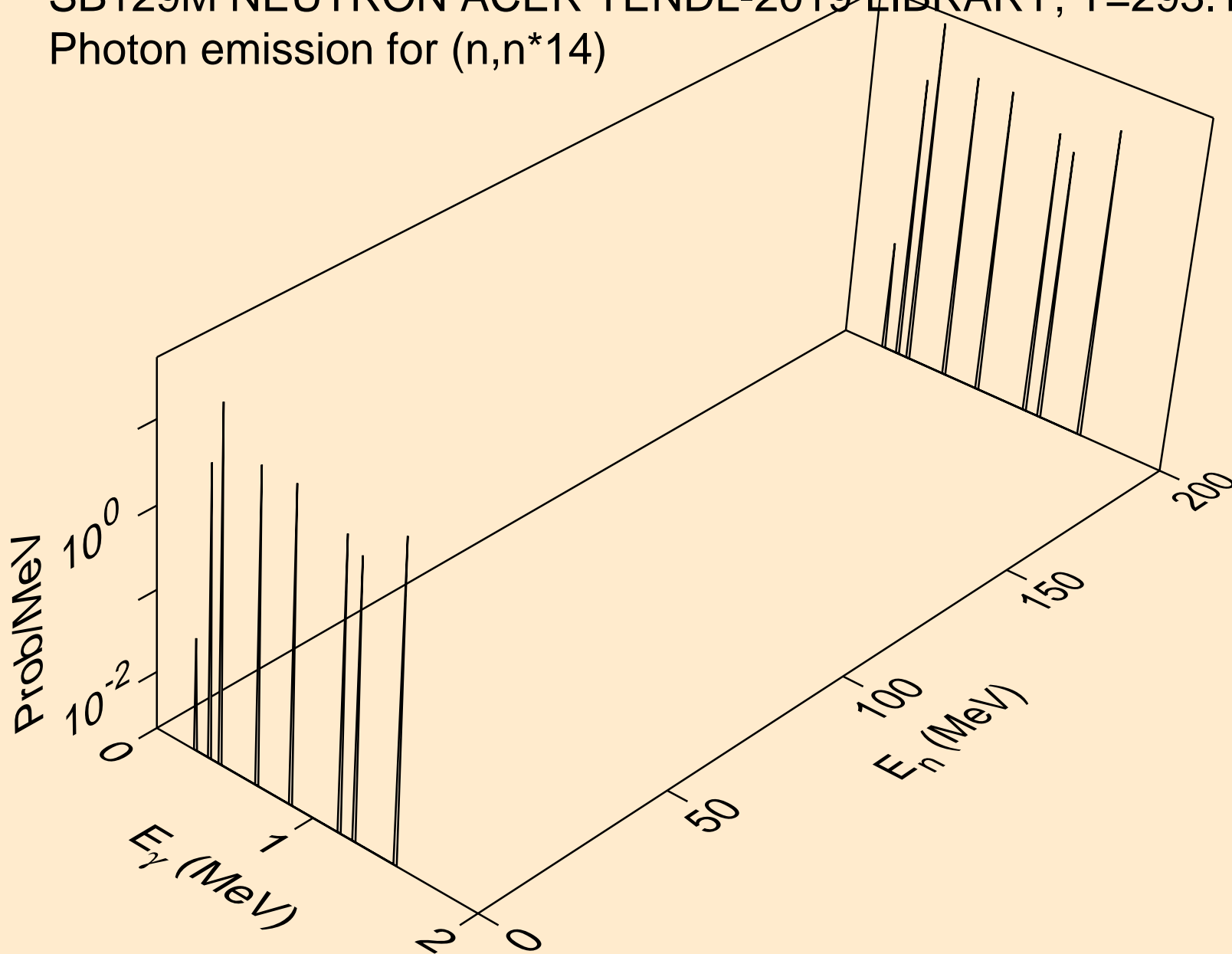
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Photon emission for (n,n\*12)



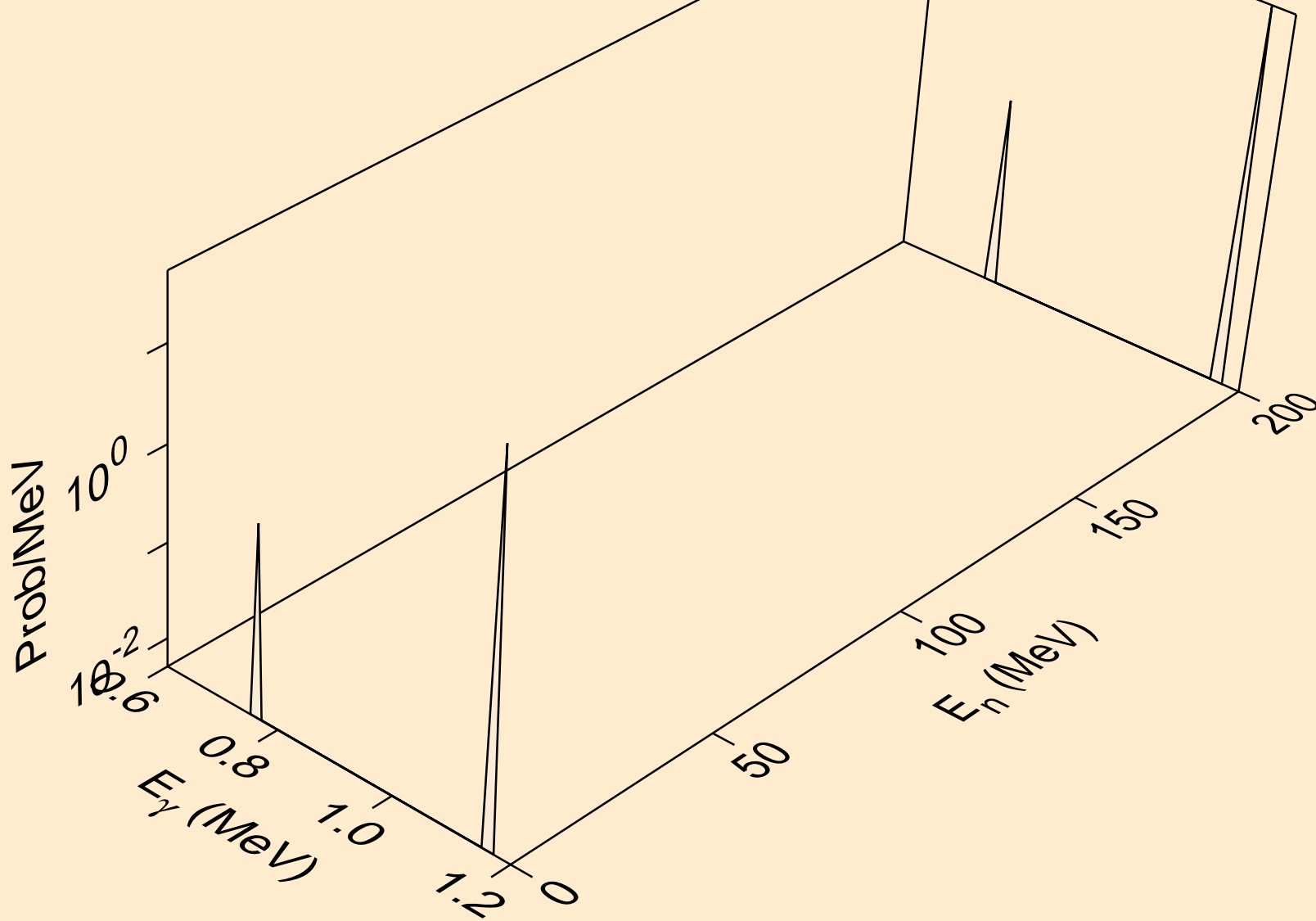
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Photon emission for (n,n\*13)



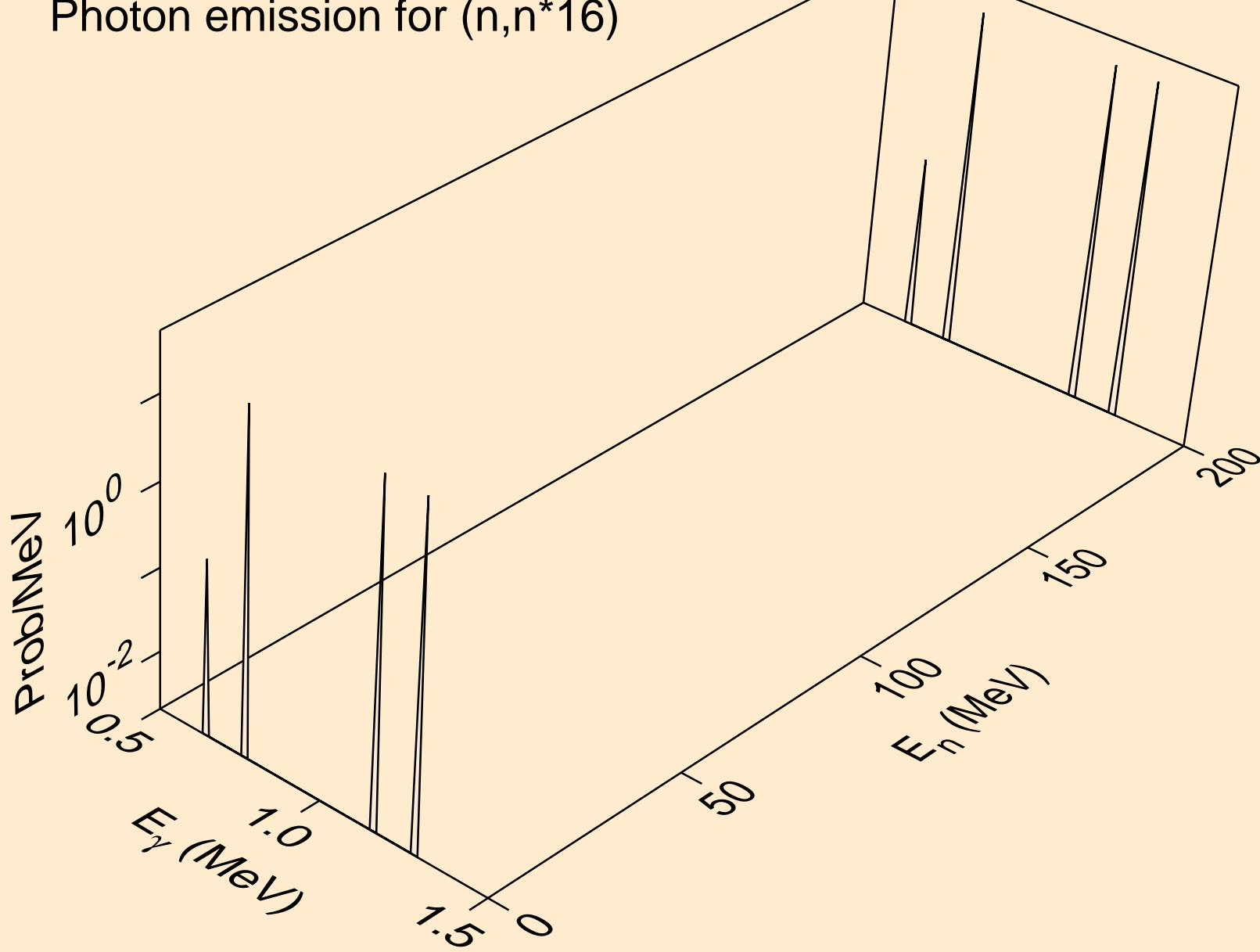
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Photon emission for (n,n\*14)



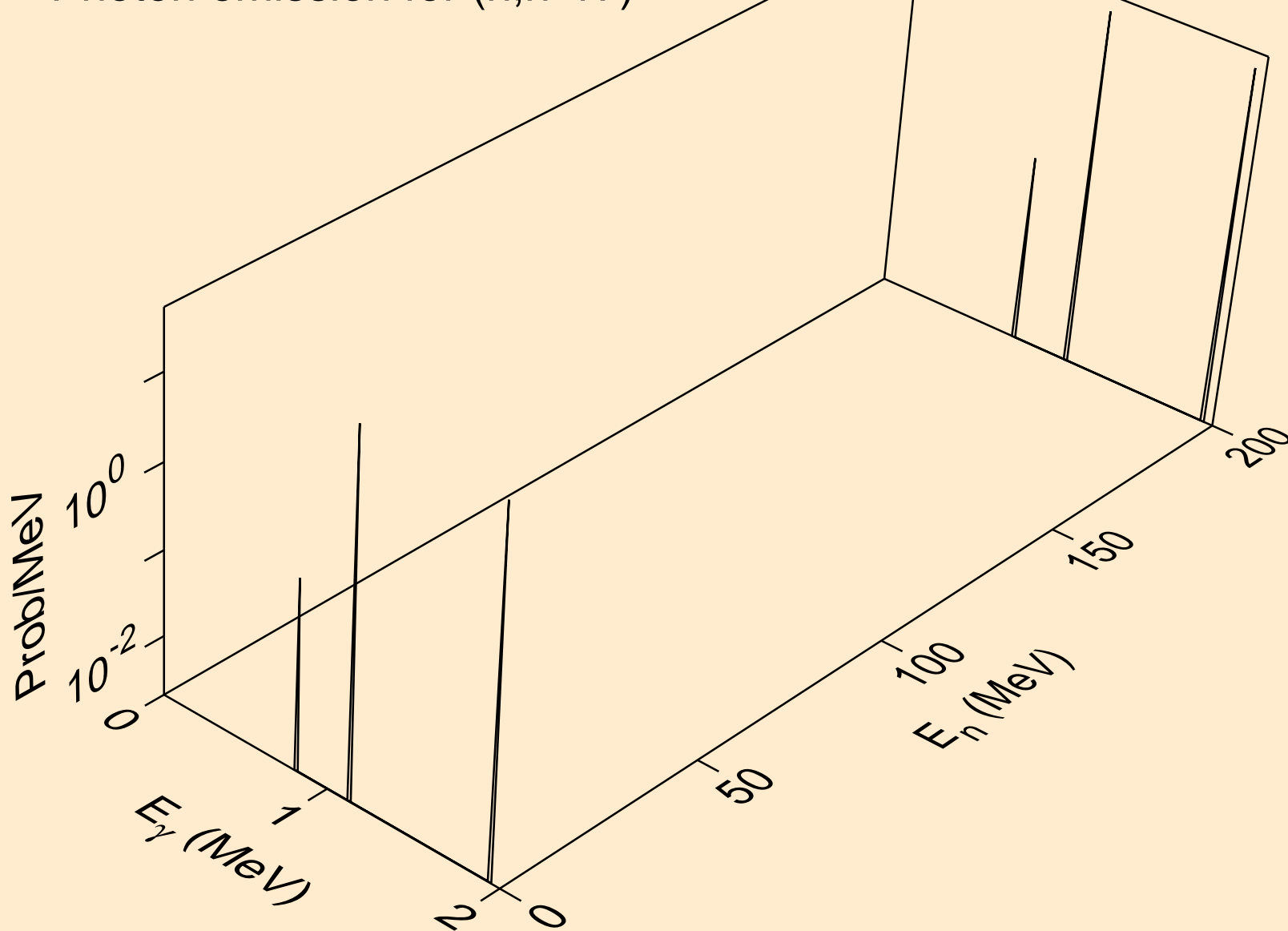
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Photon emission for (n,n\*15)



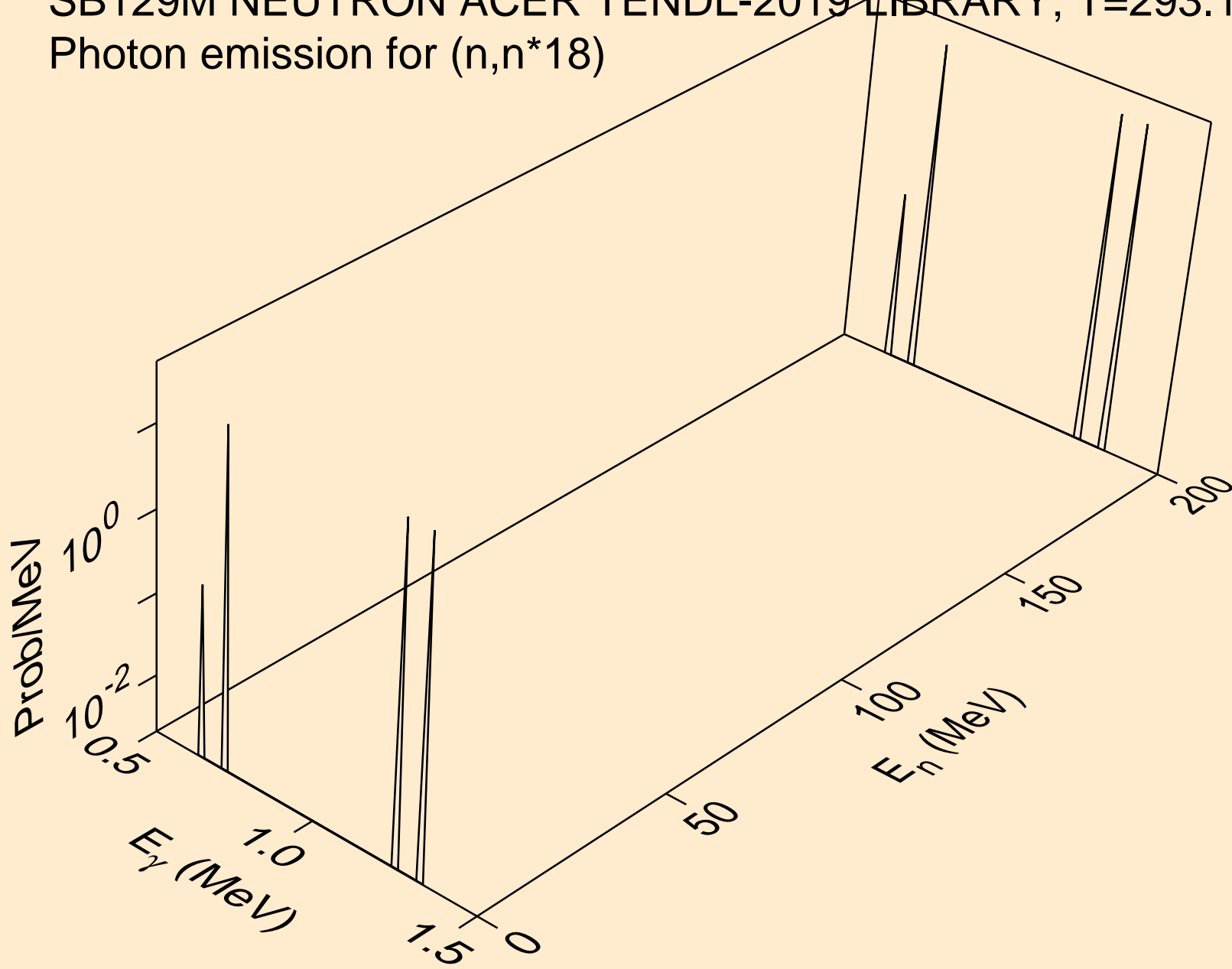
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Photon emission for (n,n\*16)



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*17)

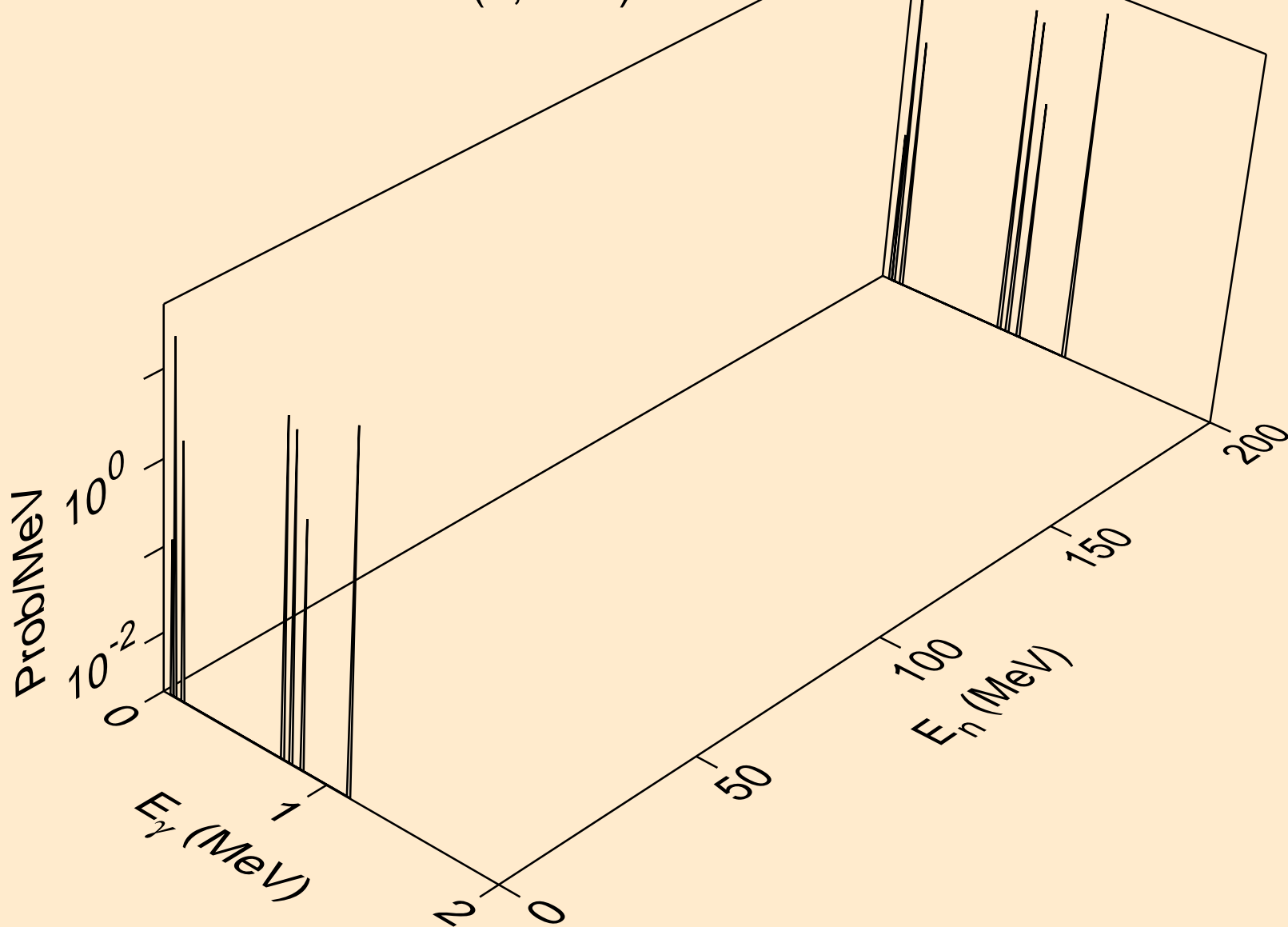


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Photon emission for (n,n\*18)

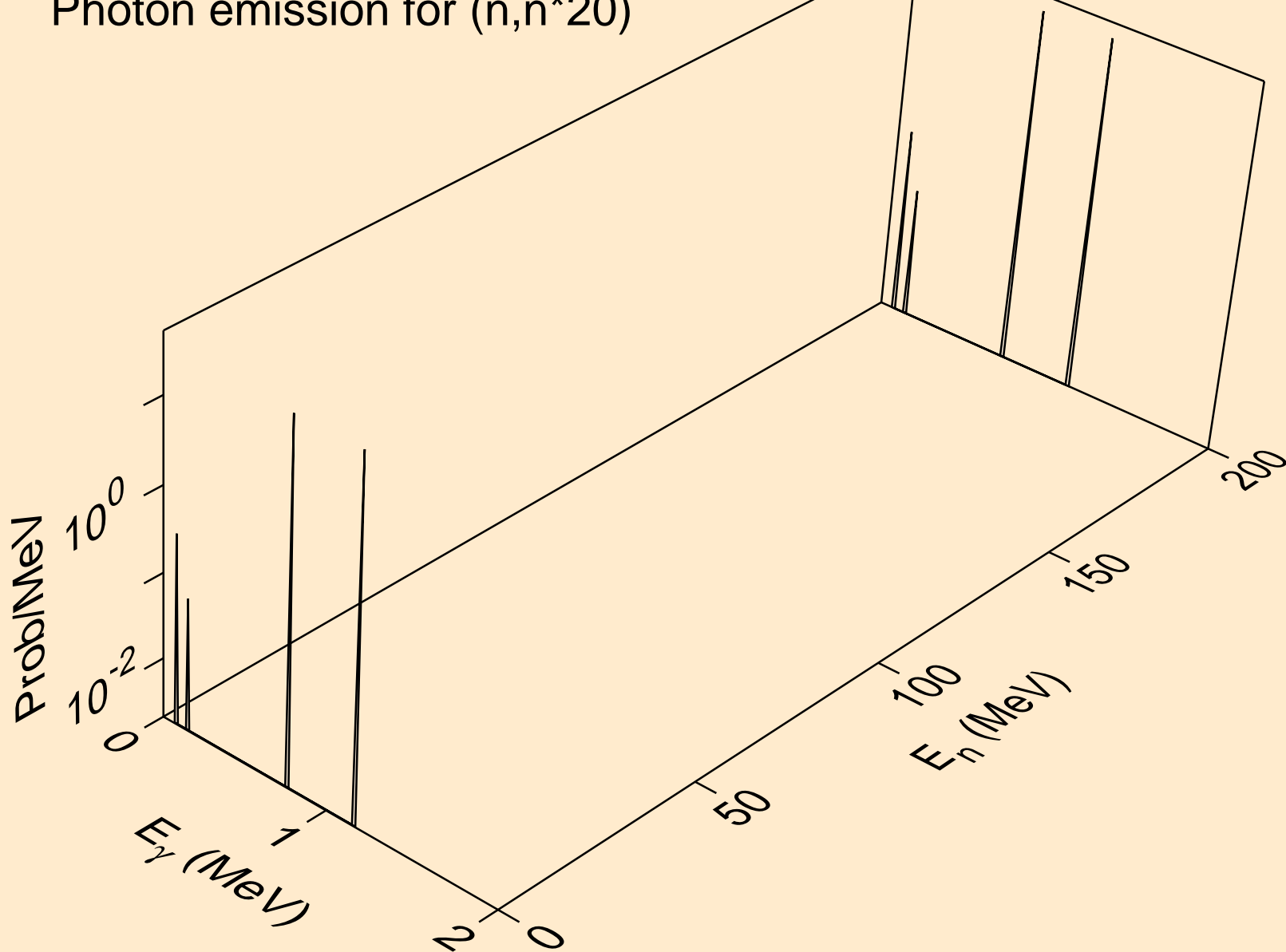




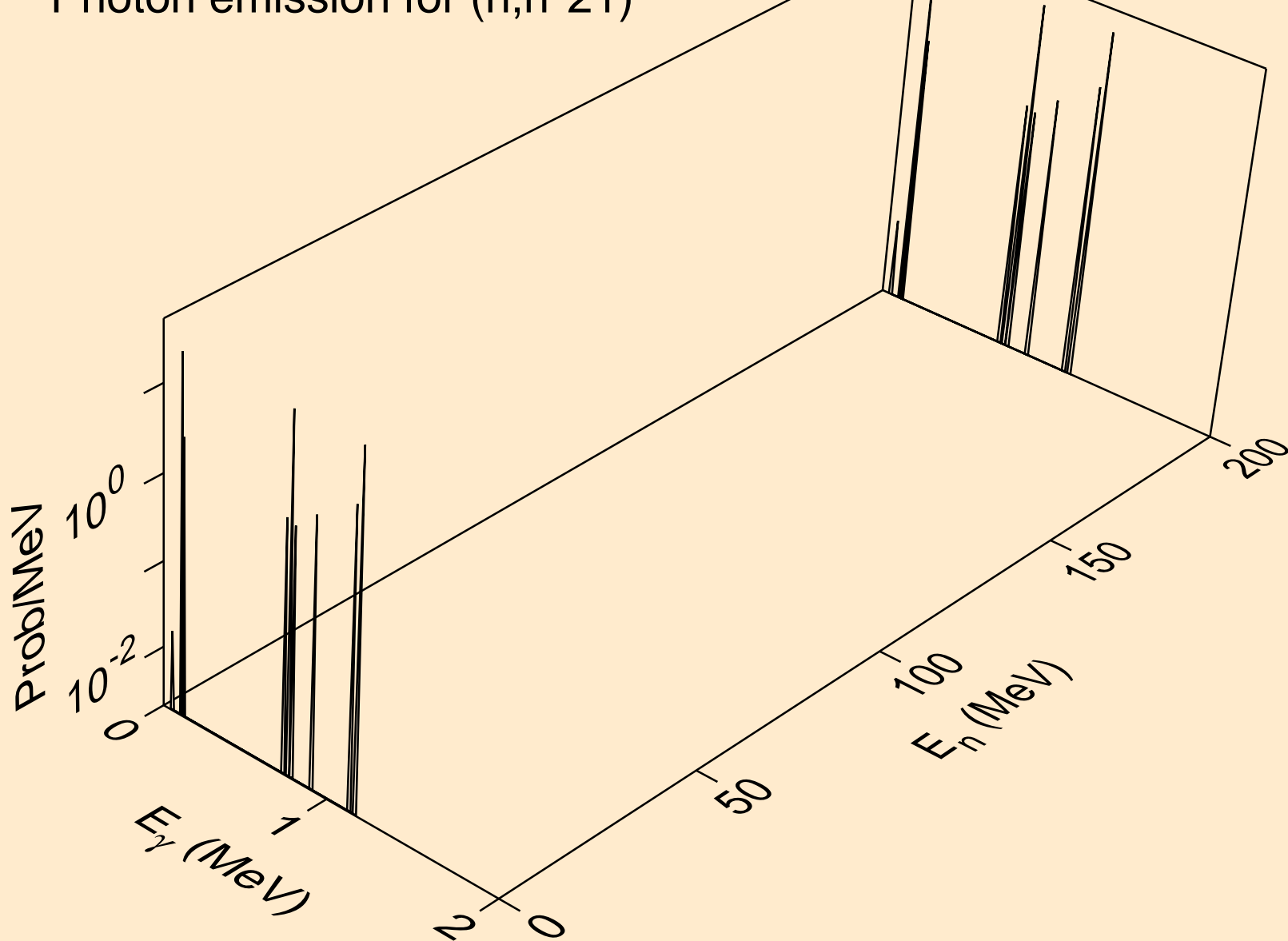
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Photon emission for (n,n\*19)



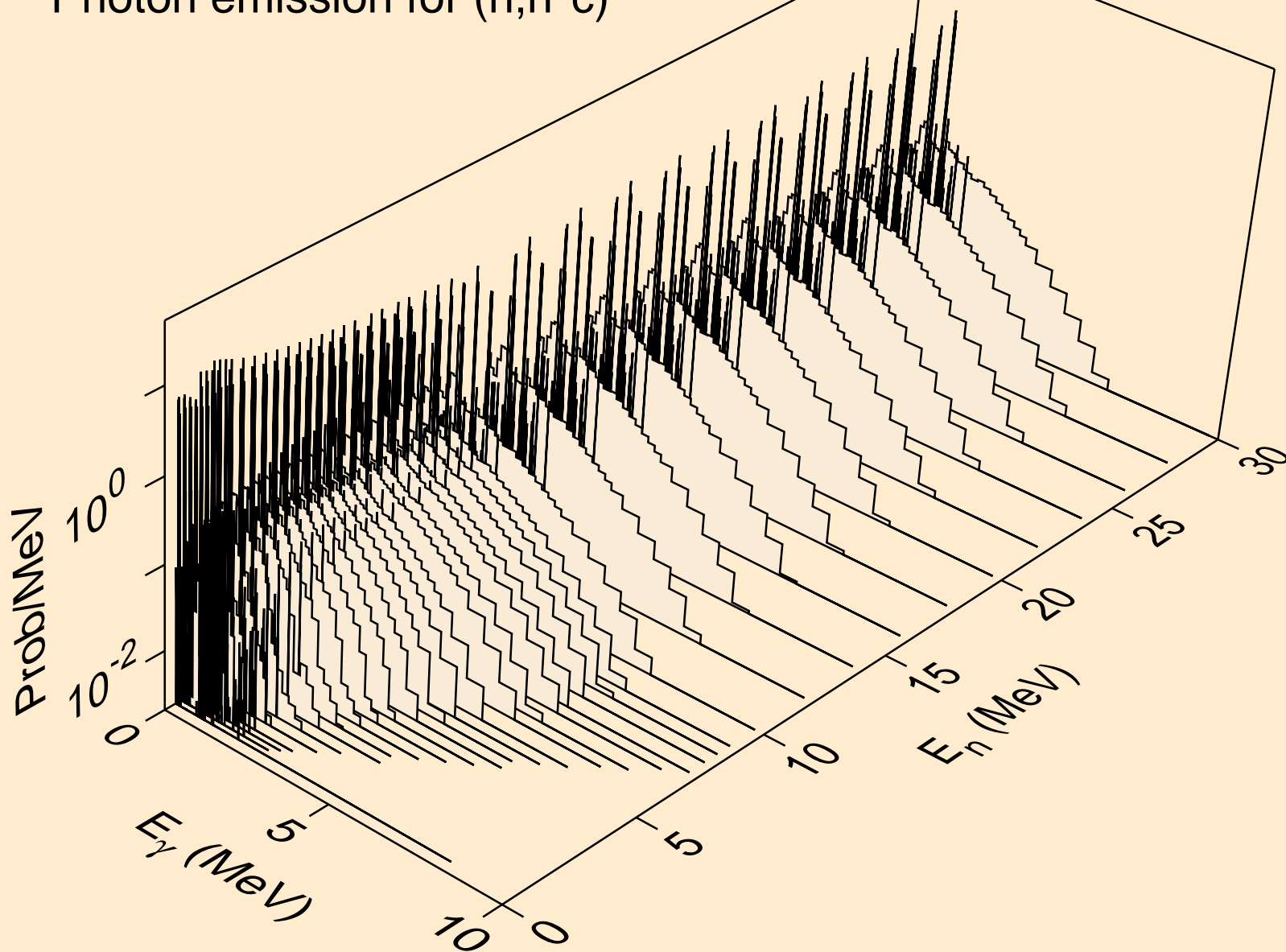
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Photon emission for (n,n\*20)



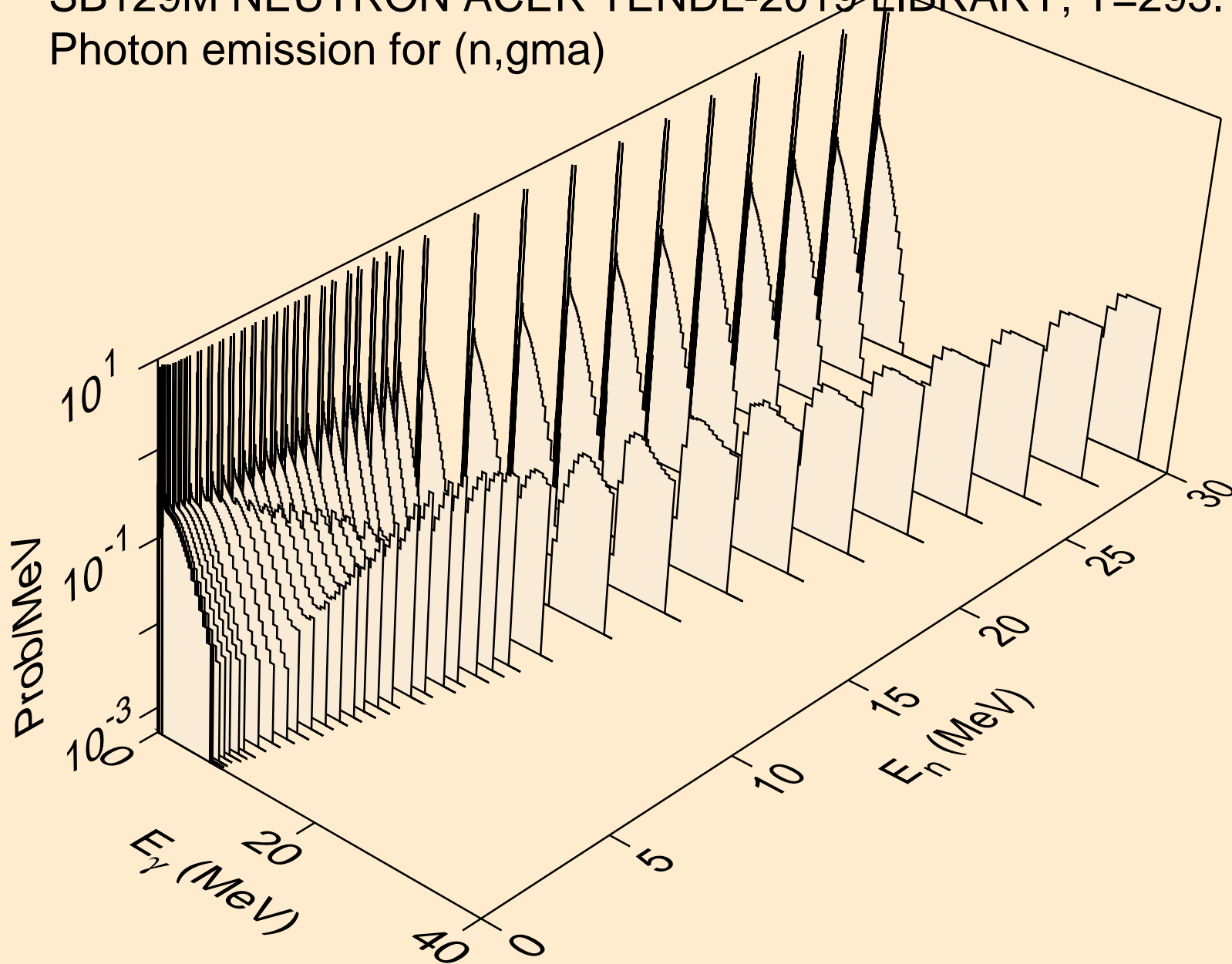
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Photon emission for (n,n\*21)



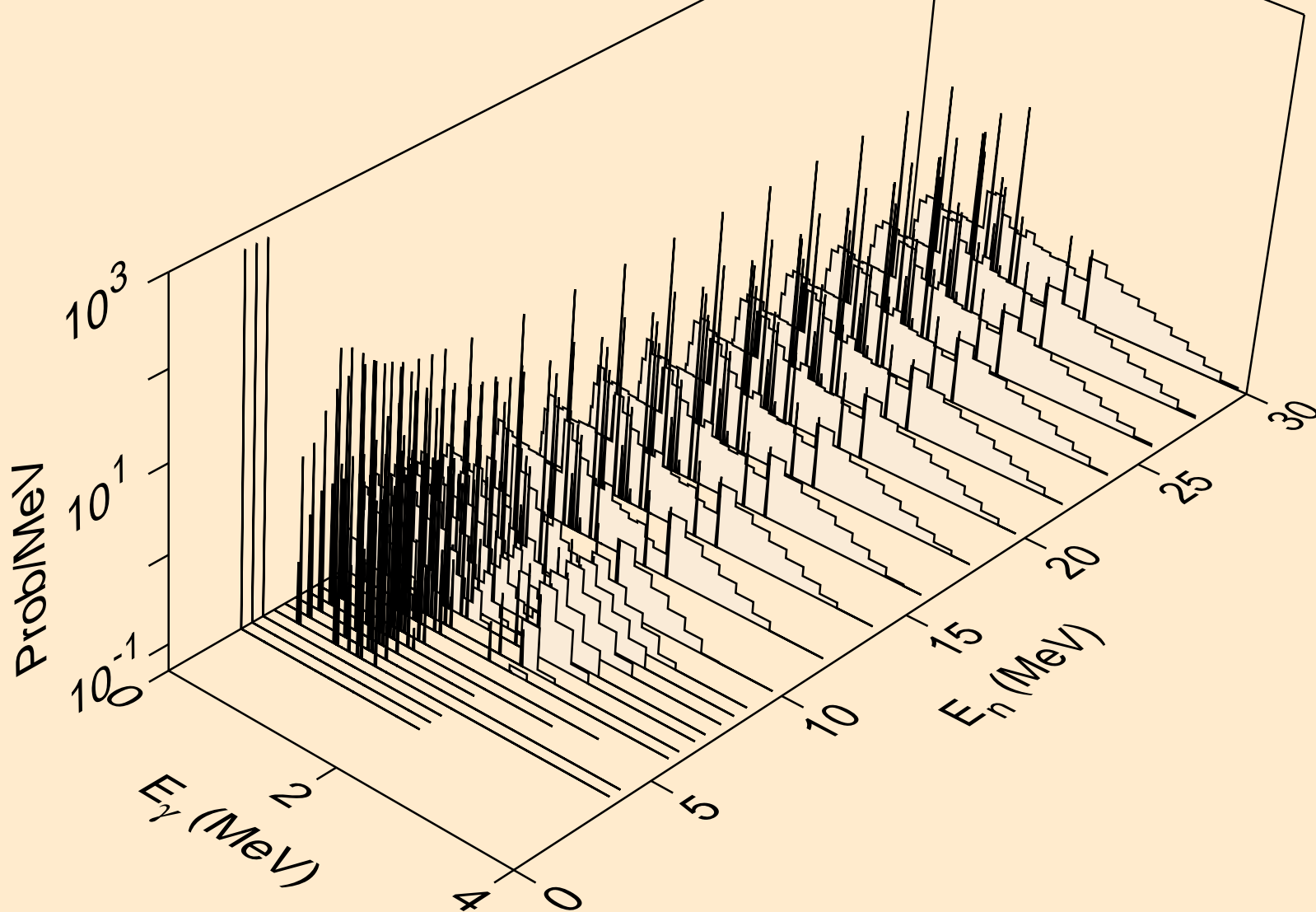
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Photon emission for (n,n\*c)



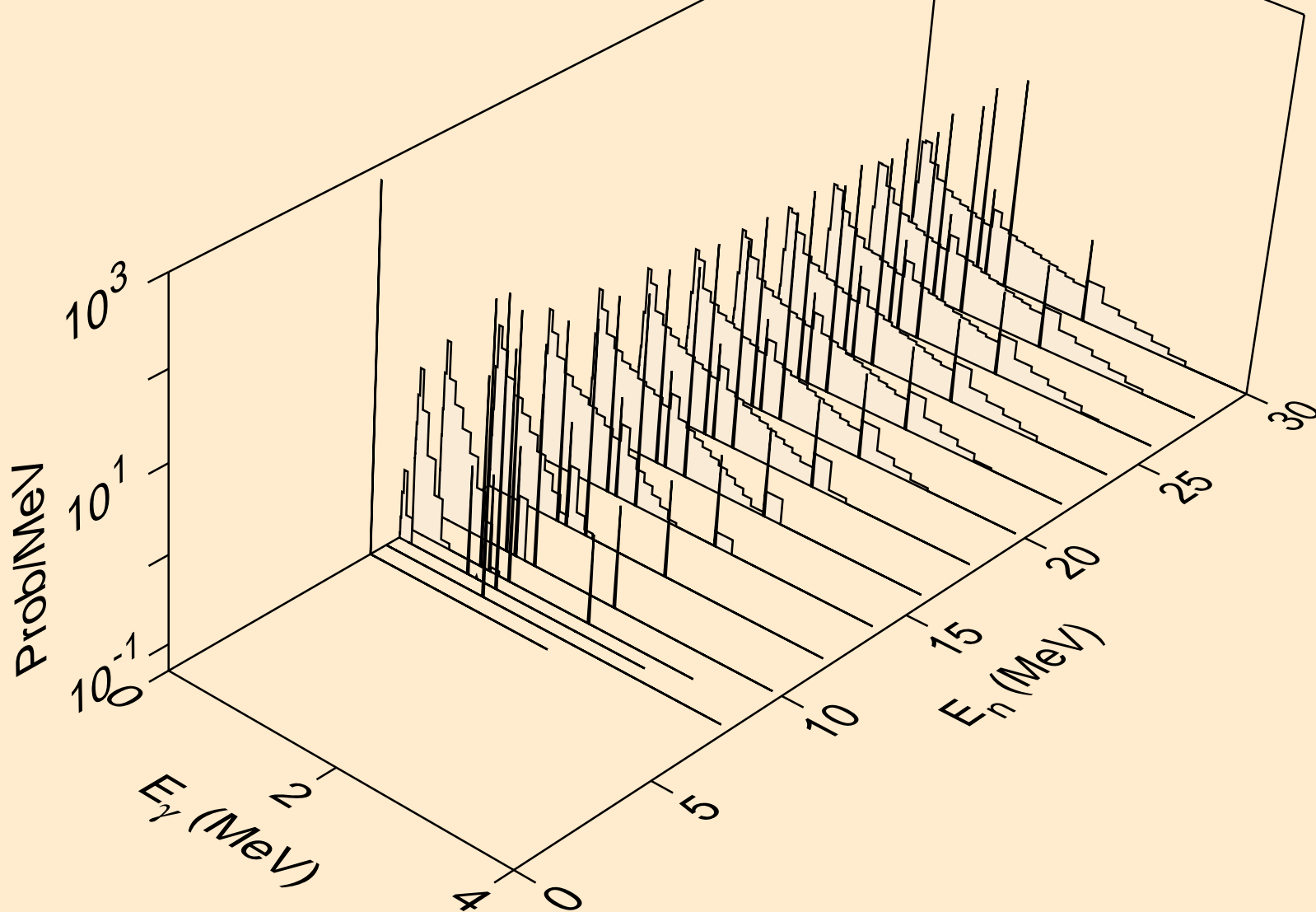
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Photon emission for (n,gma)



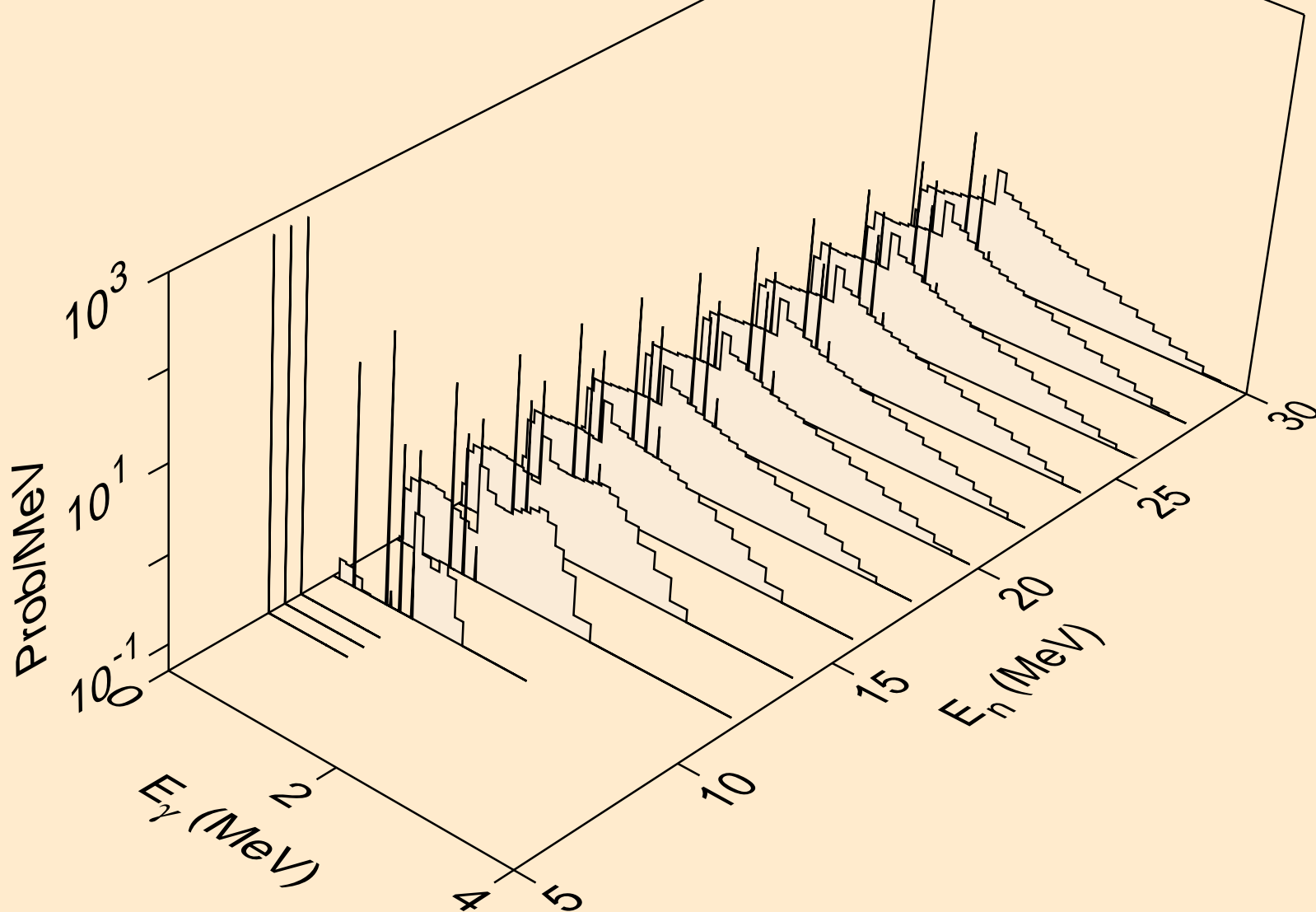
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)

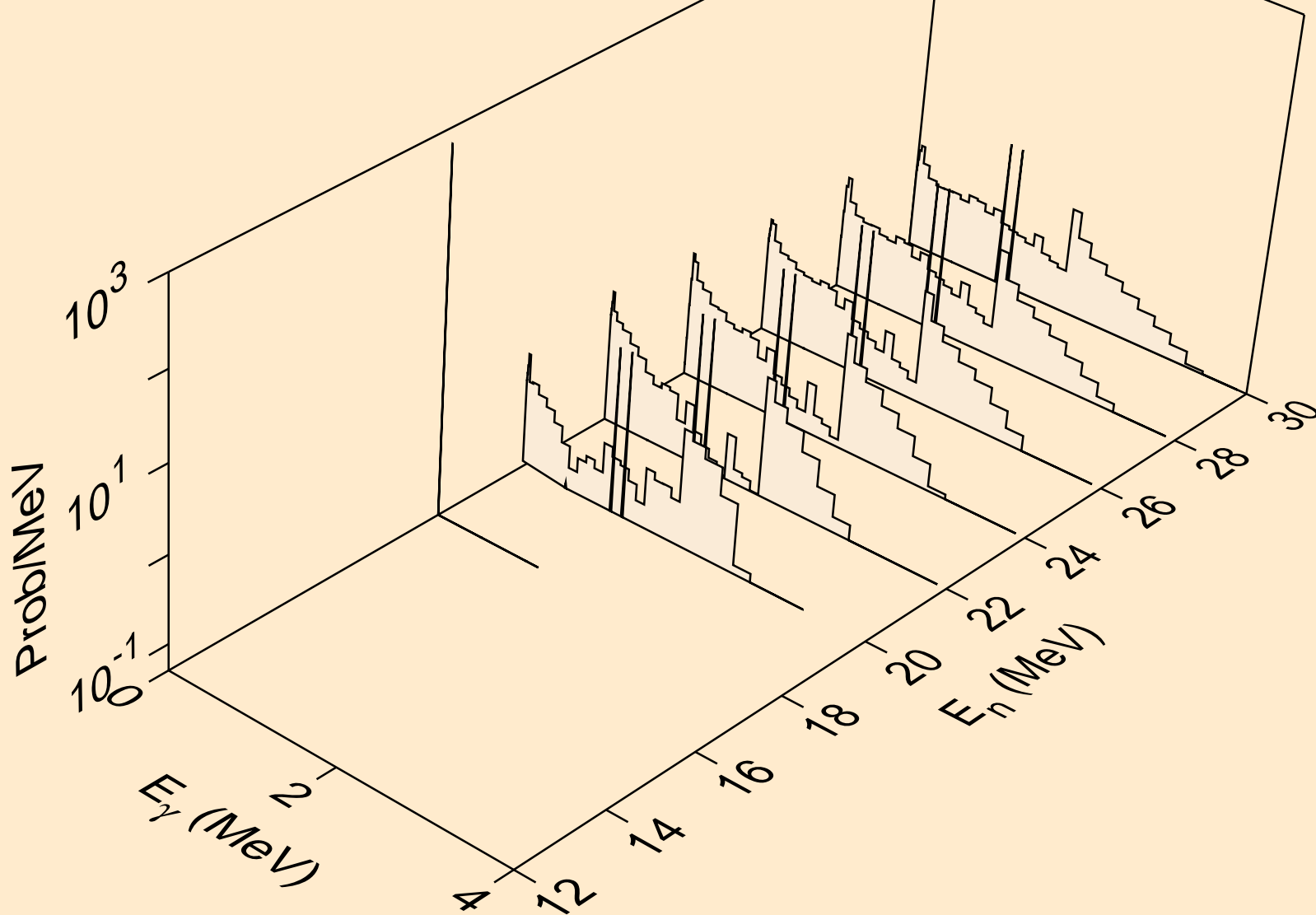


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)

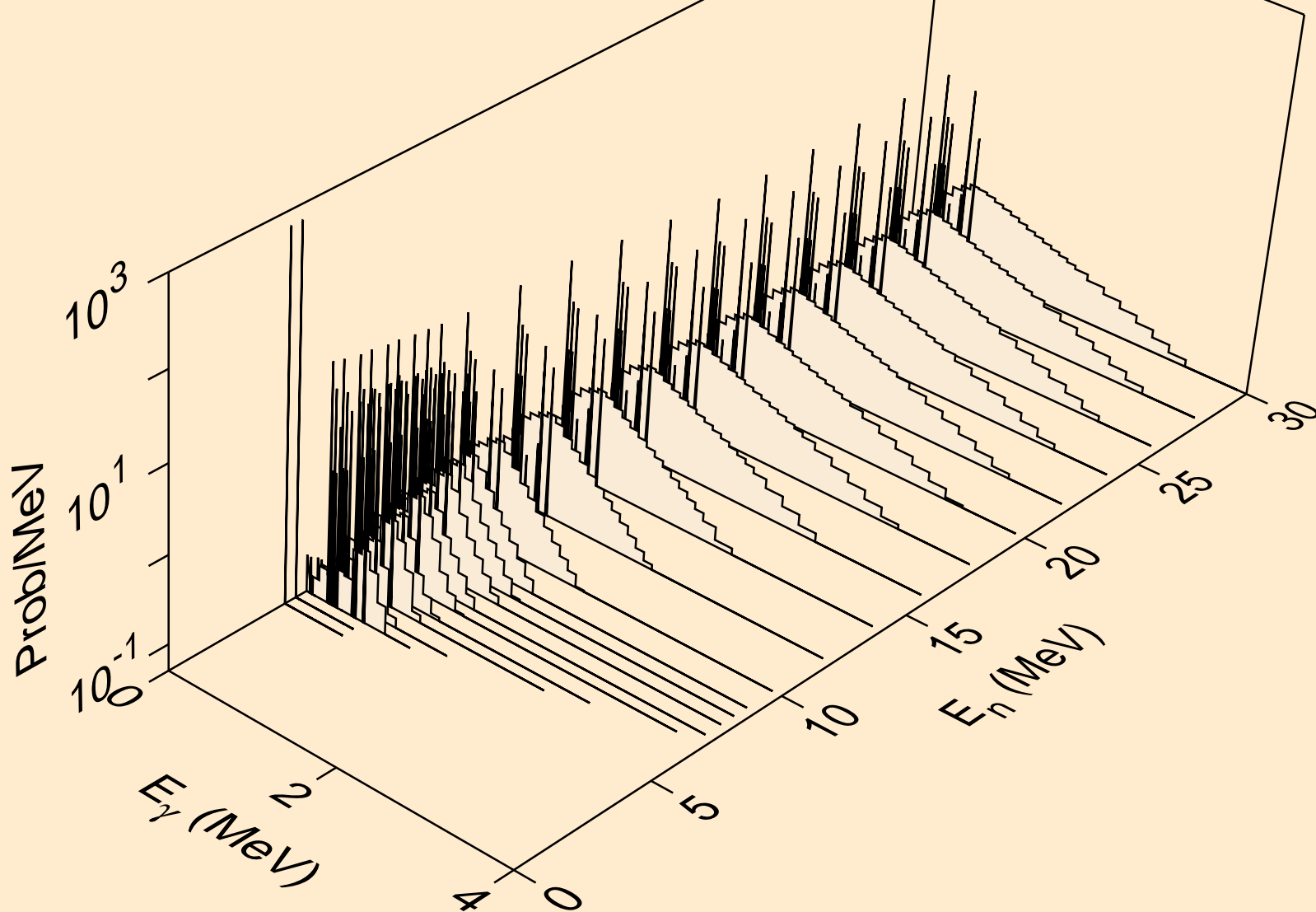




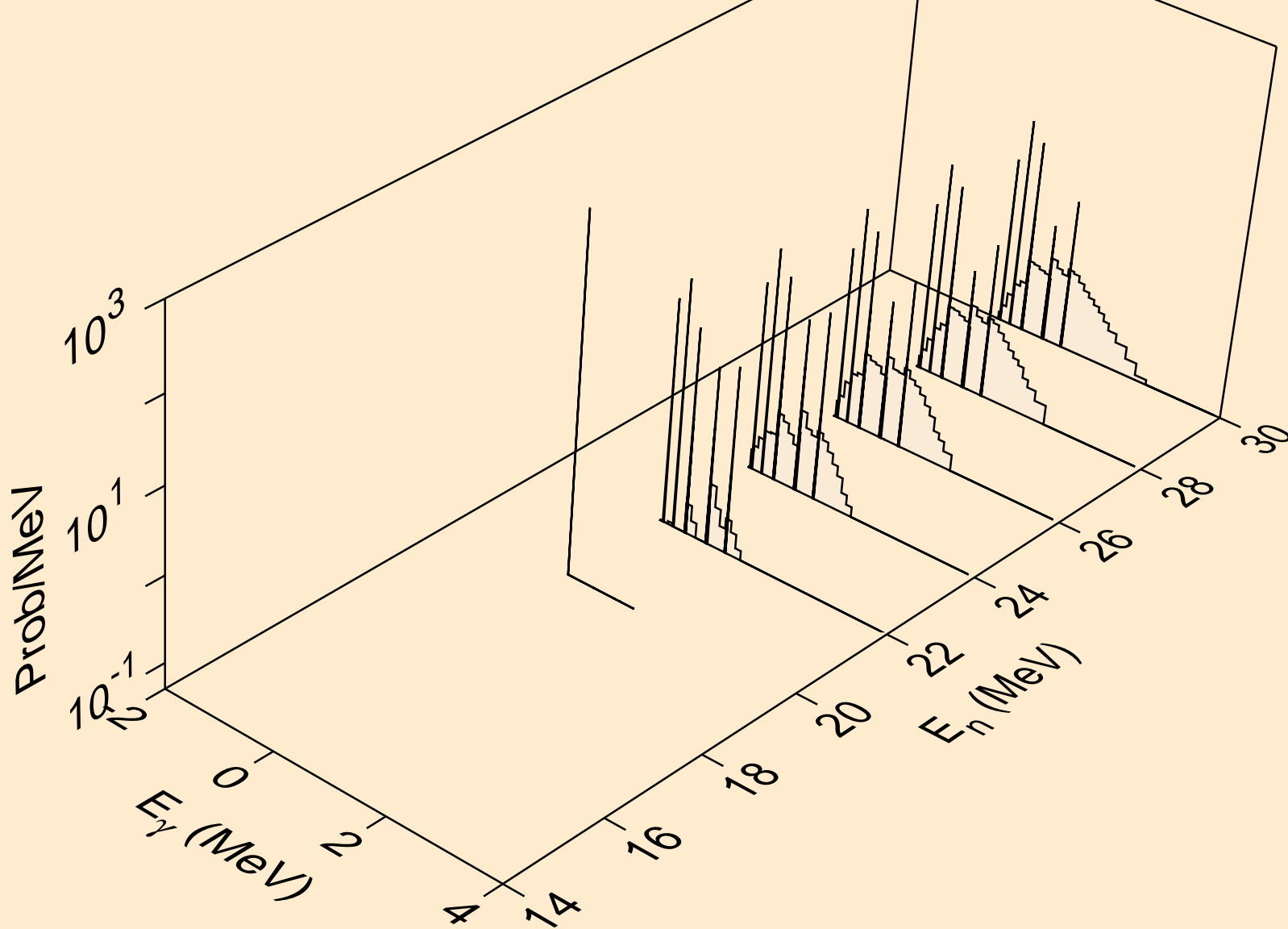
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Photon emission for (n,he3)



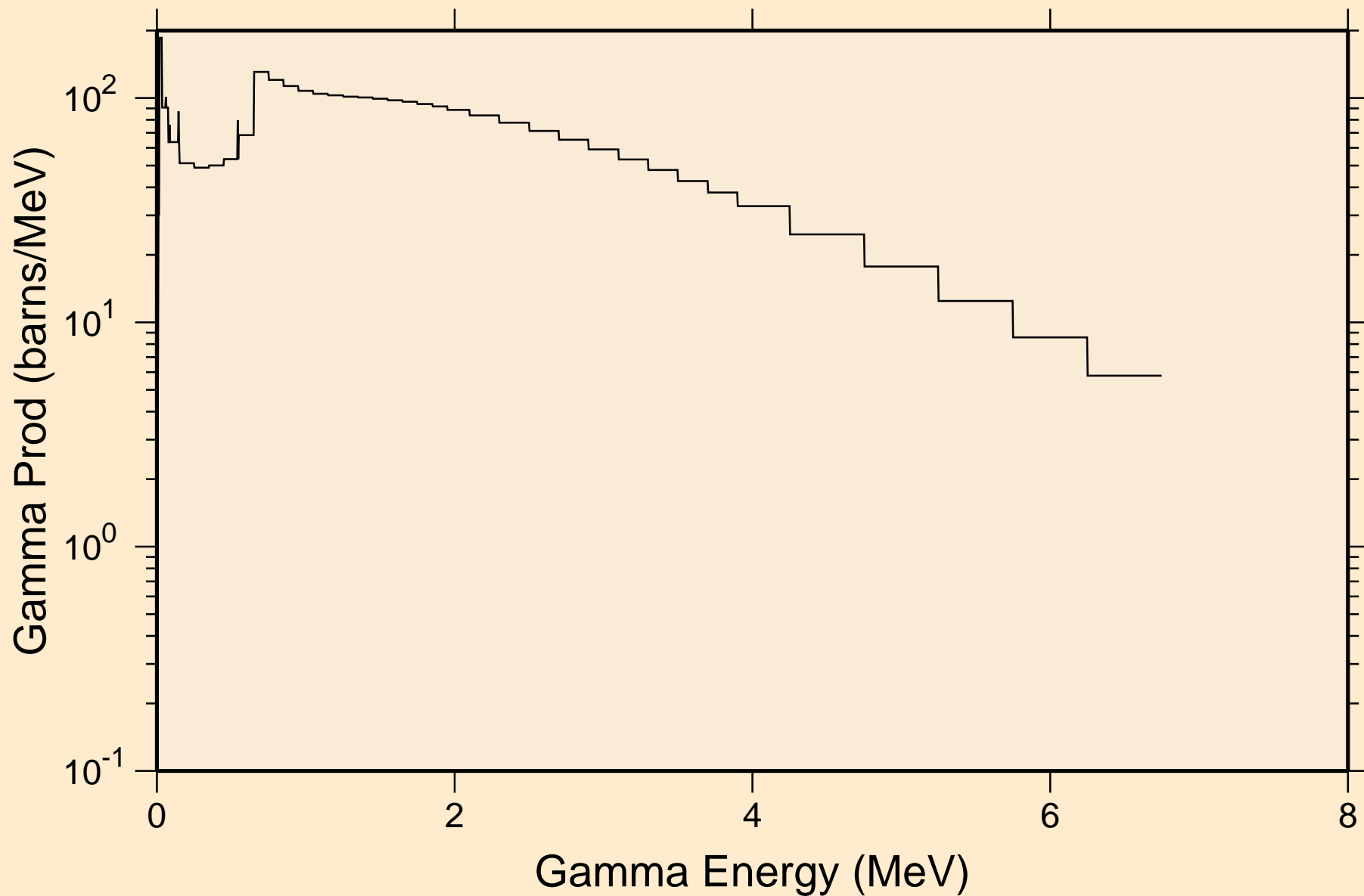
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Photon emission for (n,a)



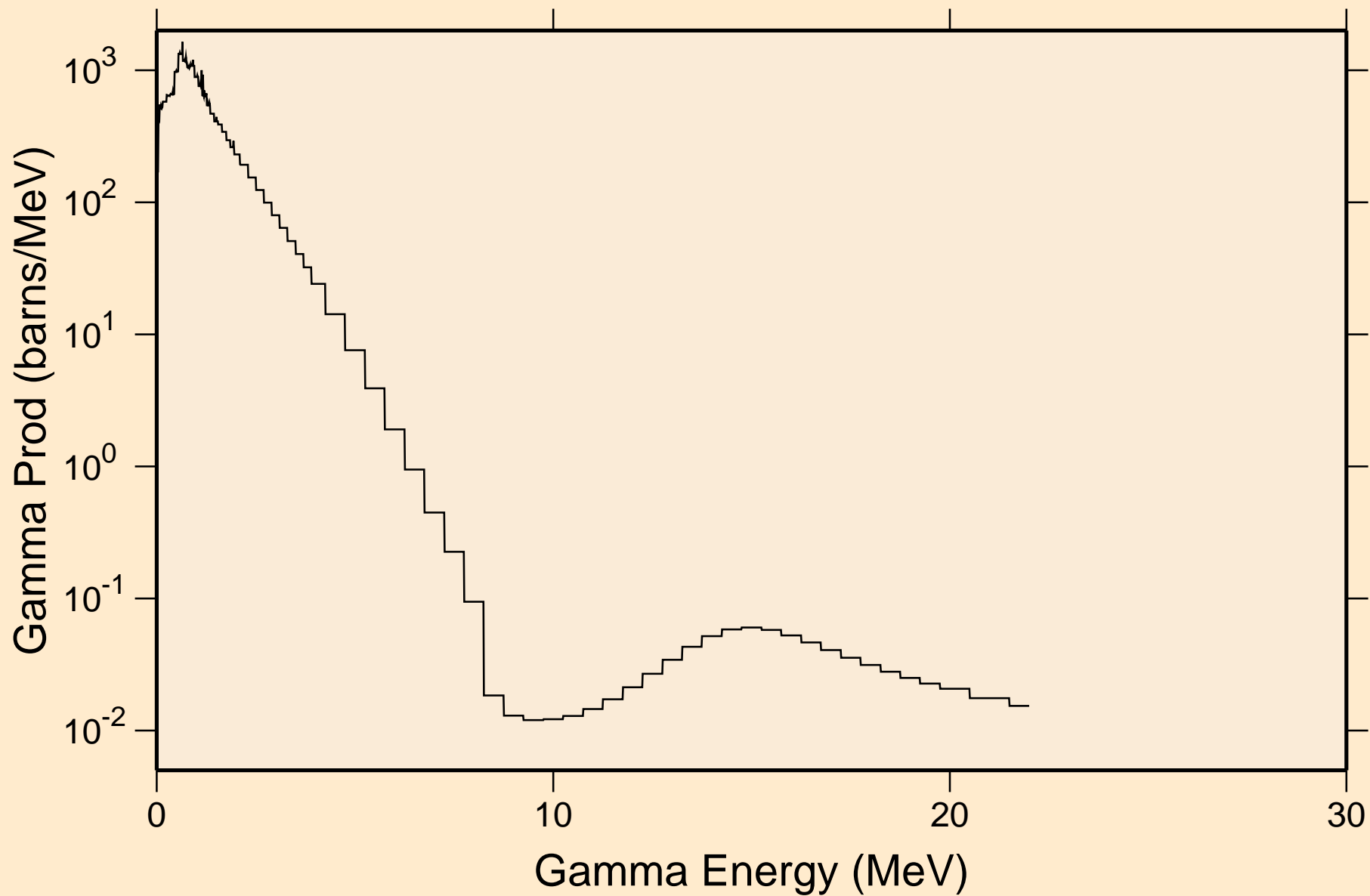
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

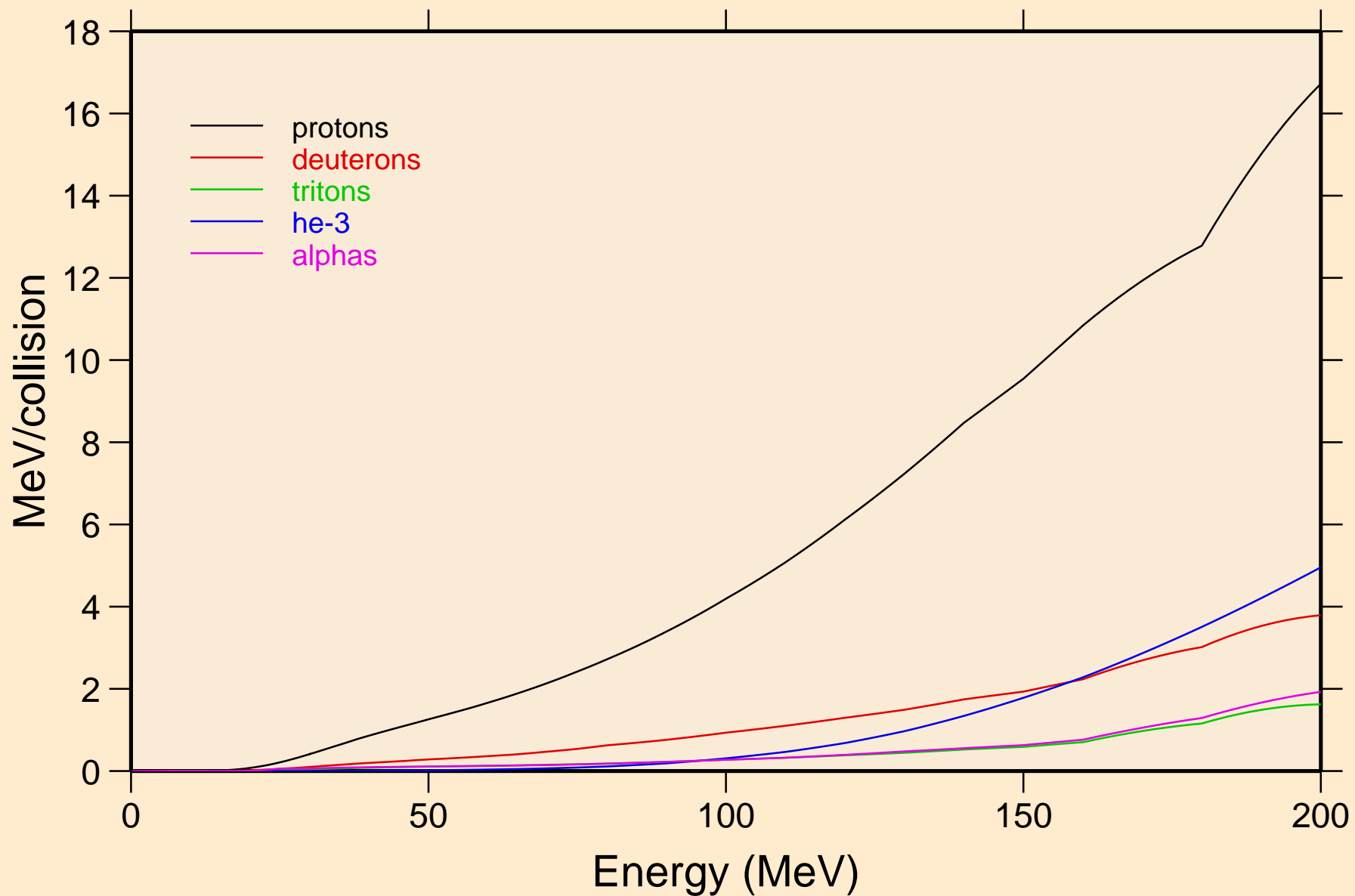


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

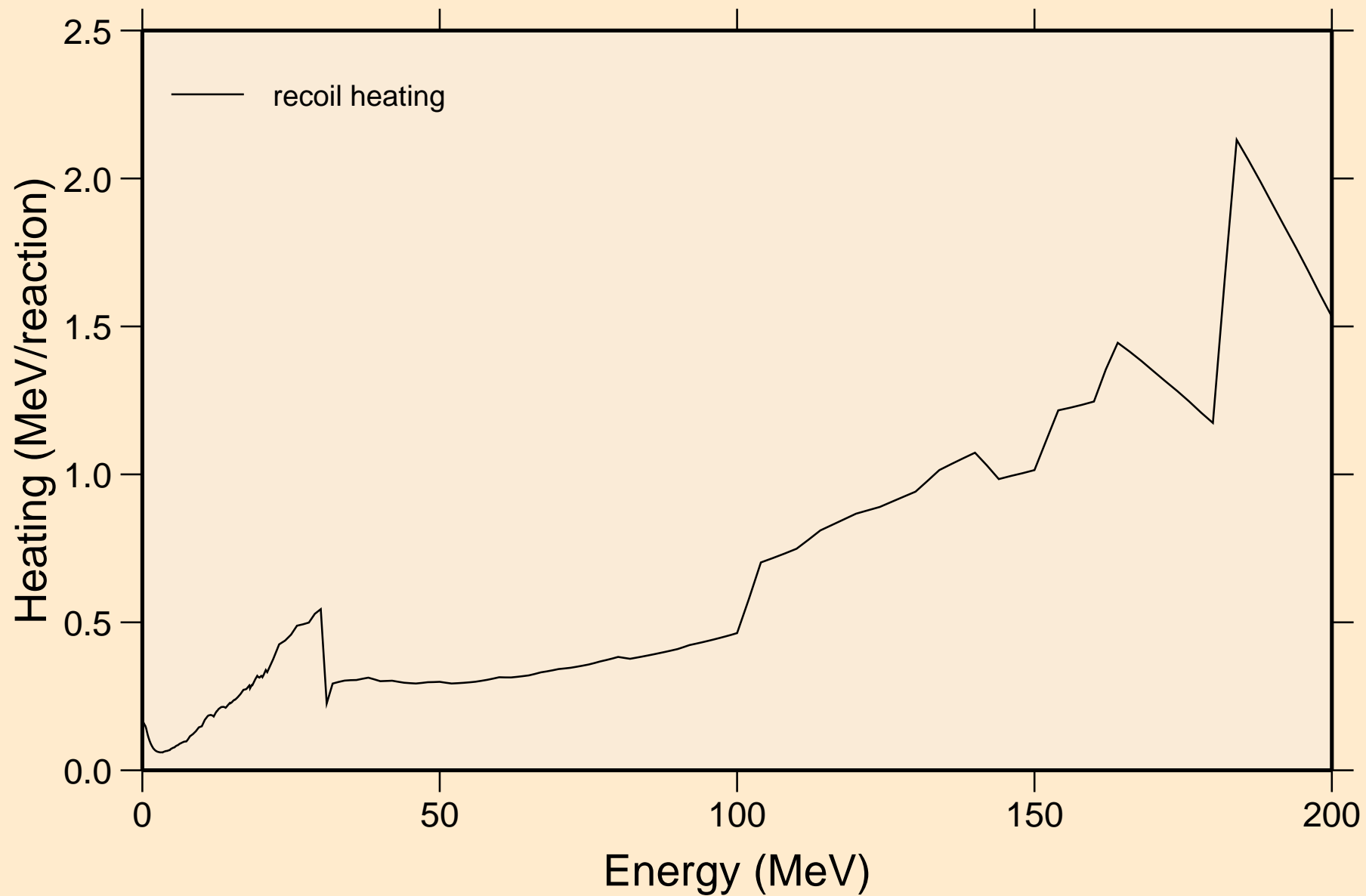


# SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

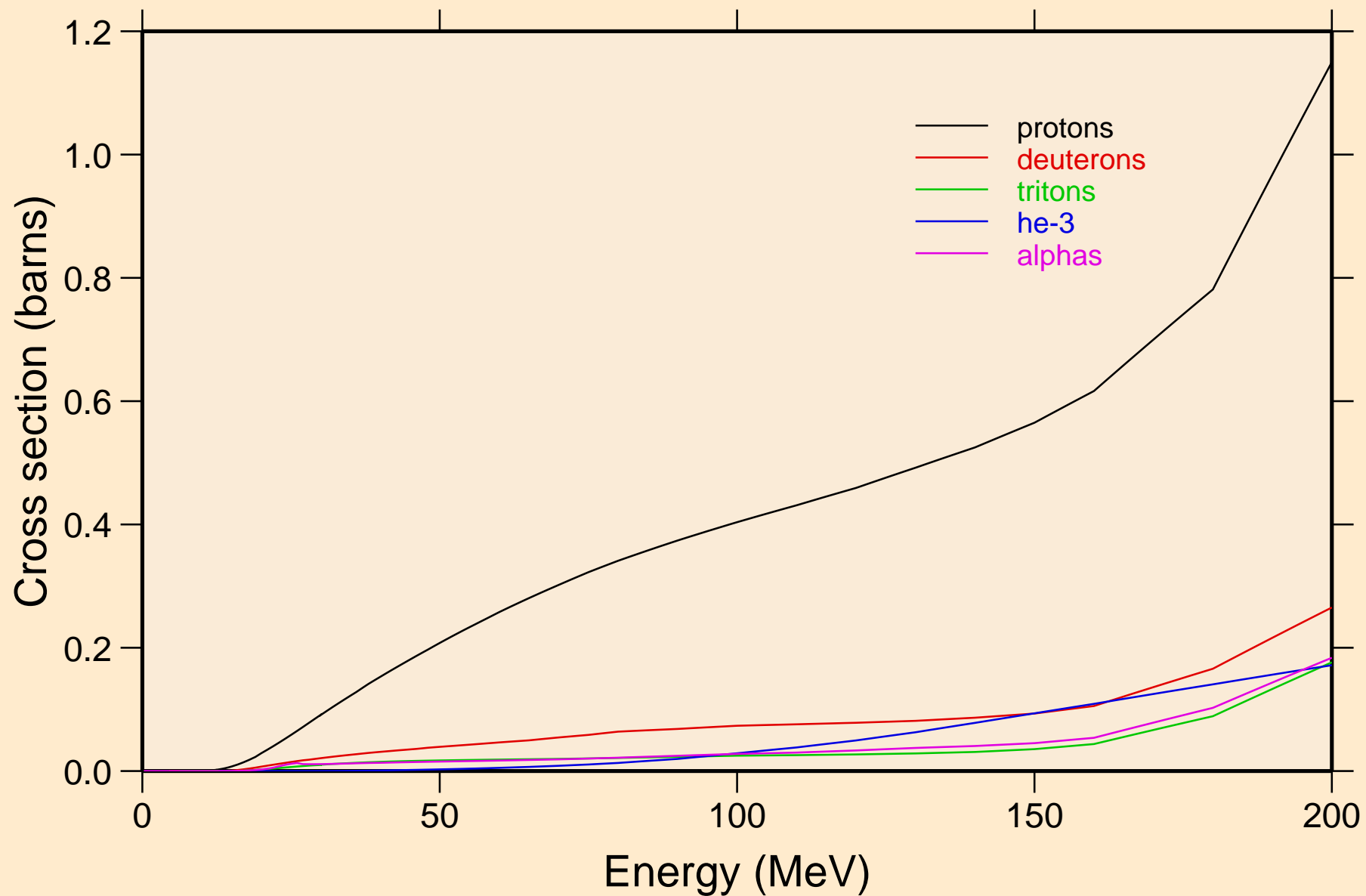
## Particle heating contributions



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating

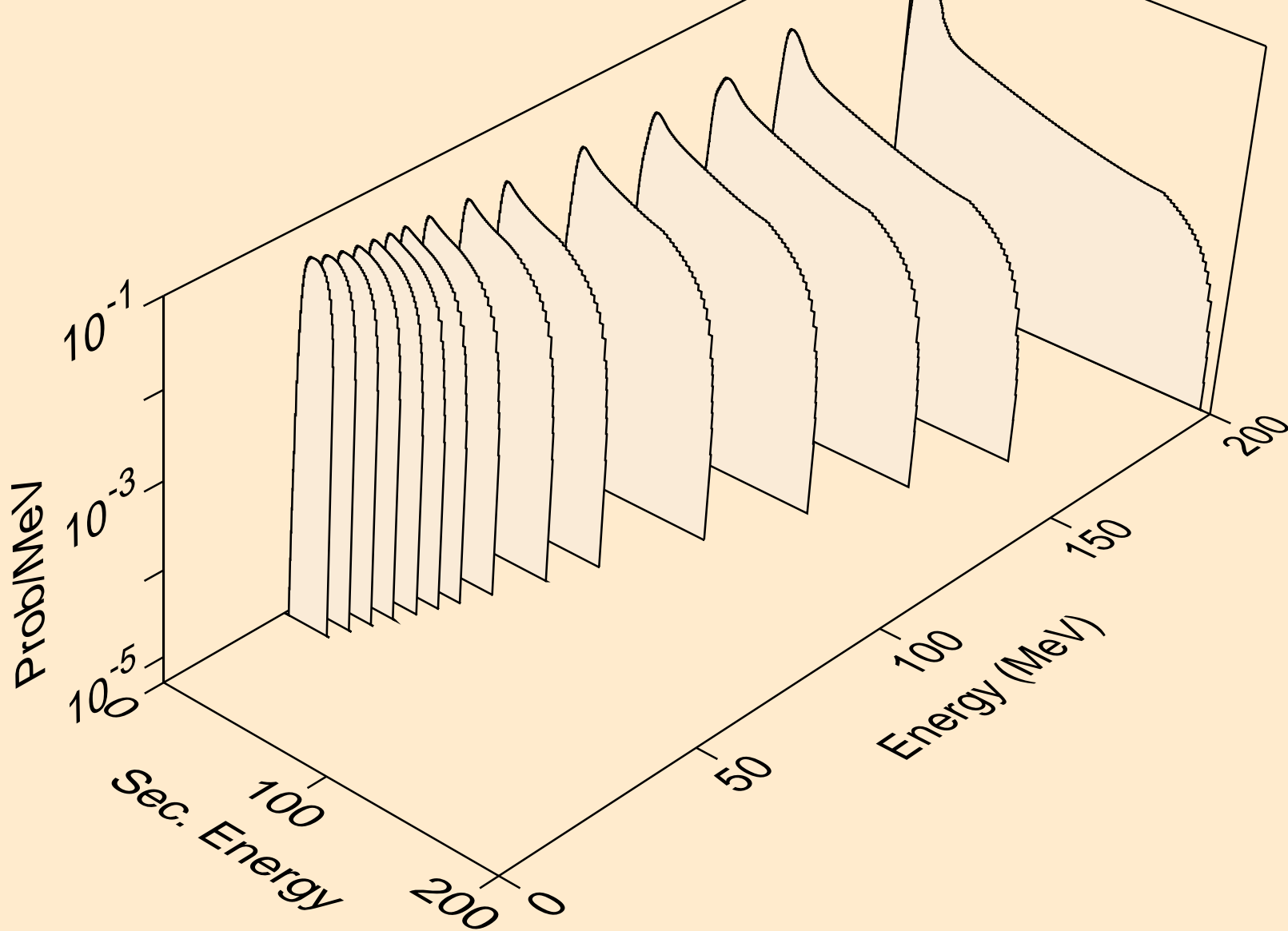


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections

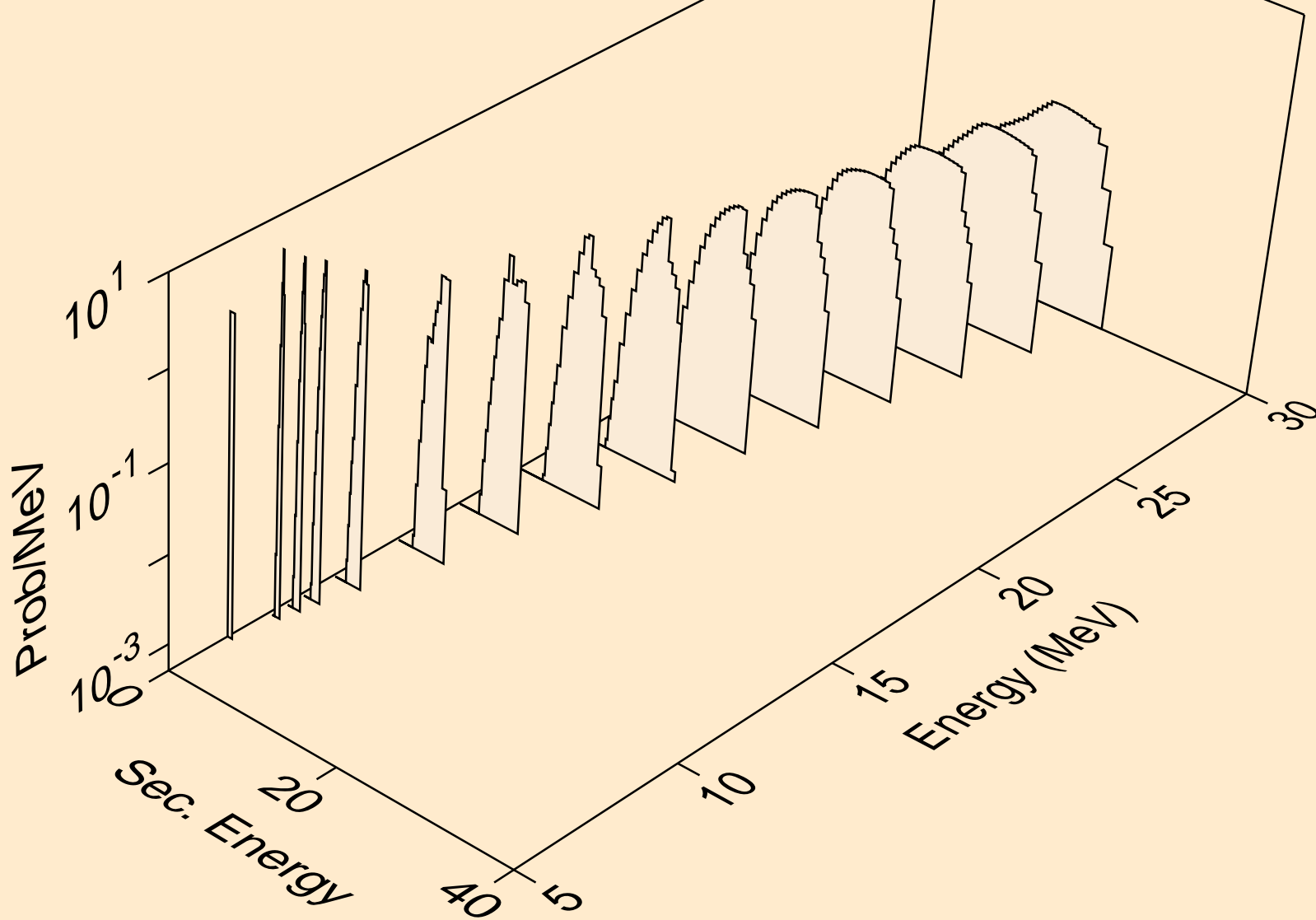




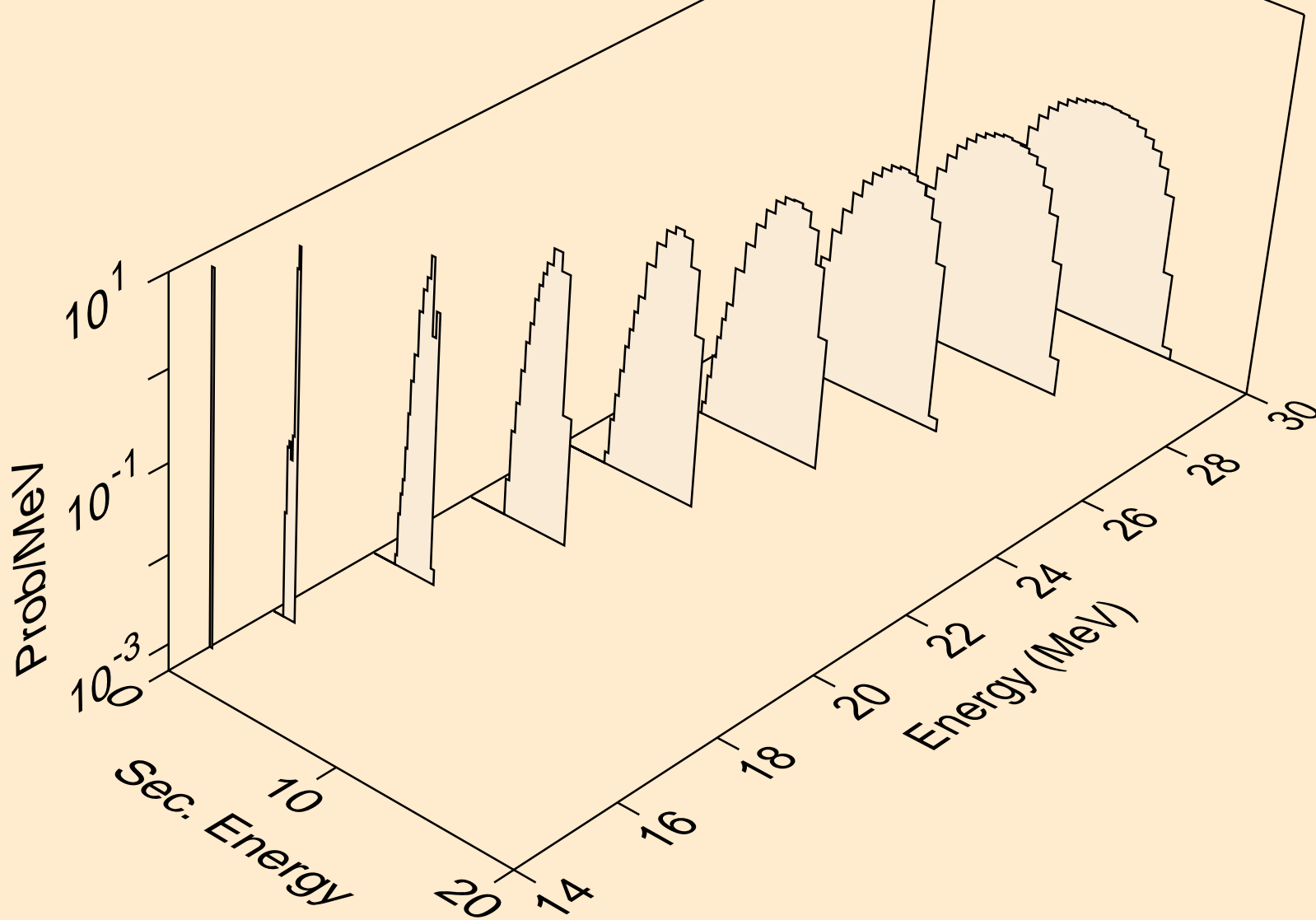
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



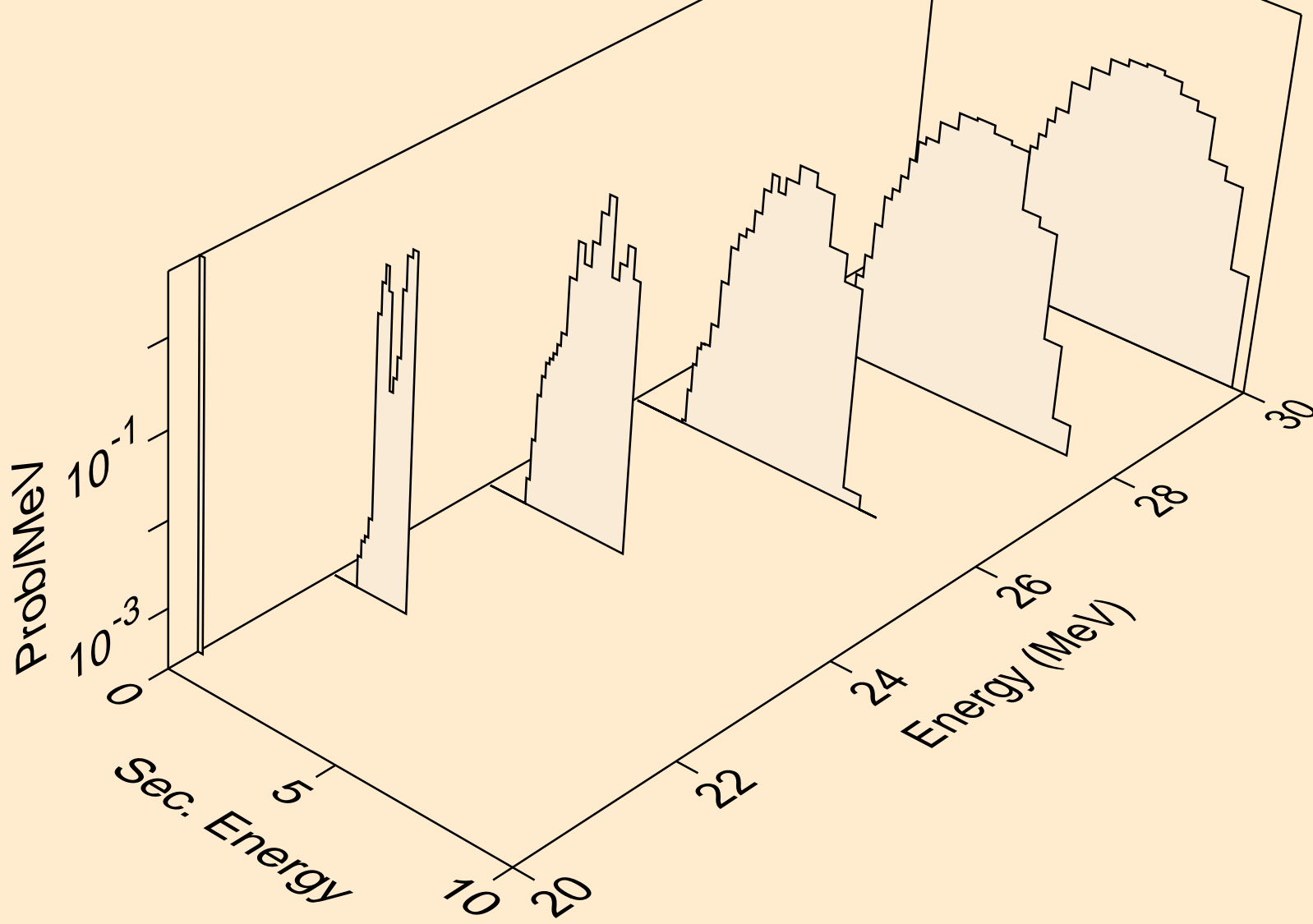
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p



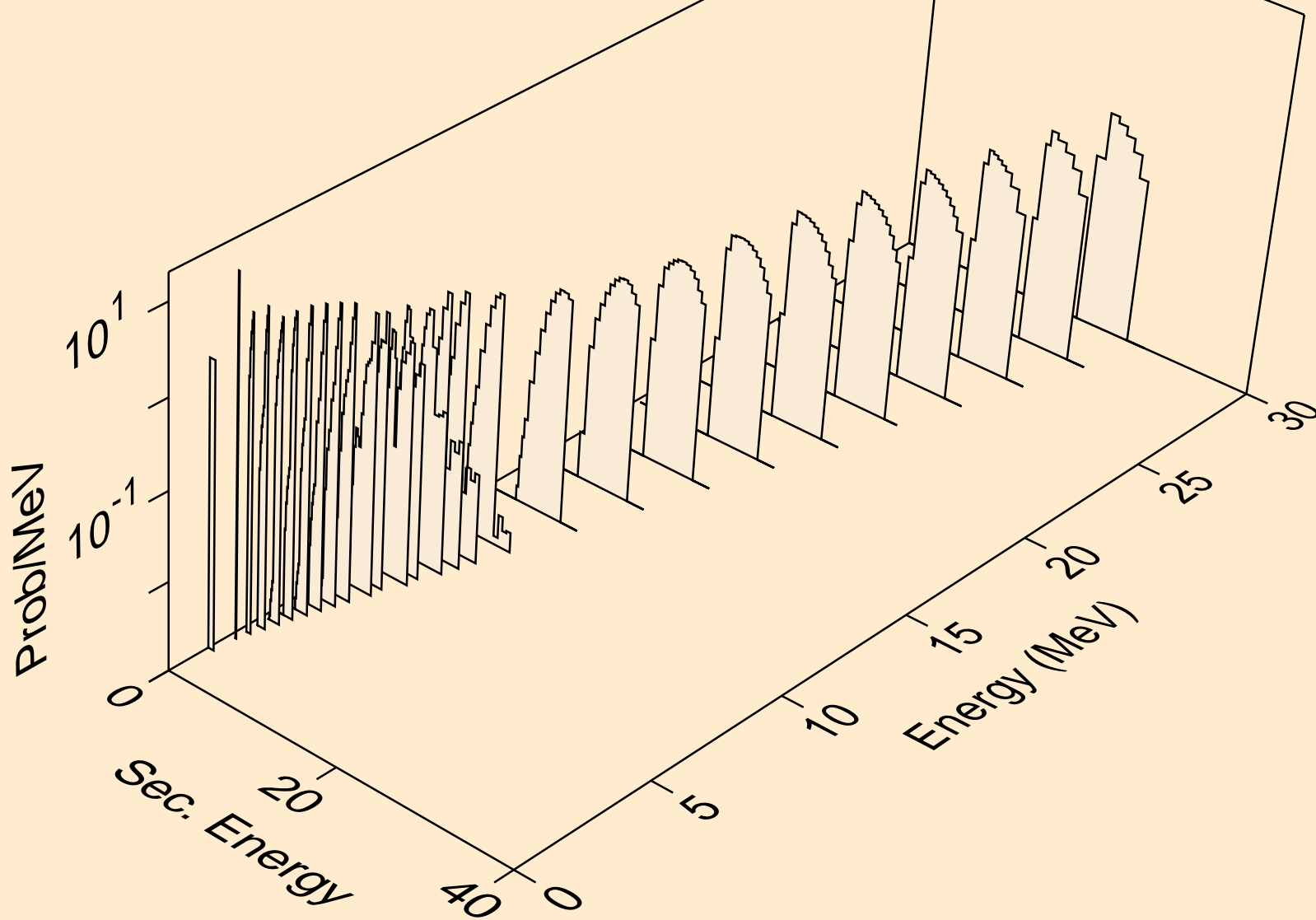
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protons from (n,2np)



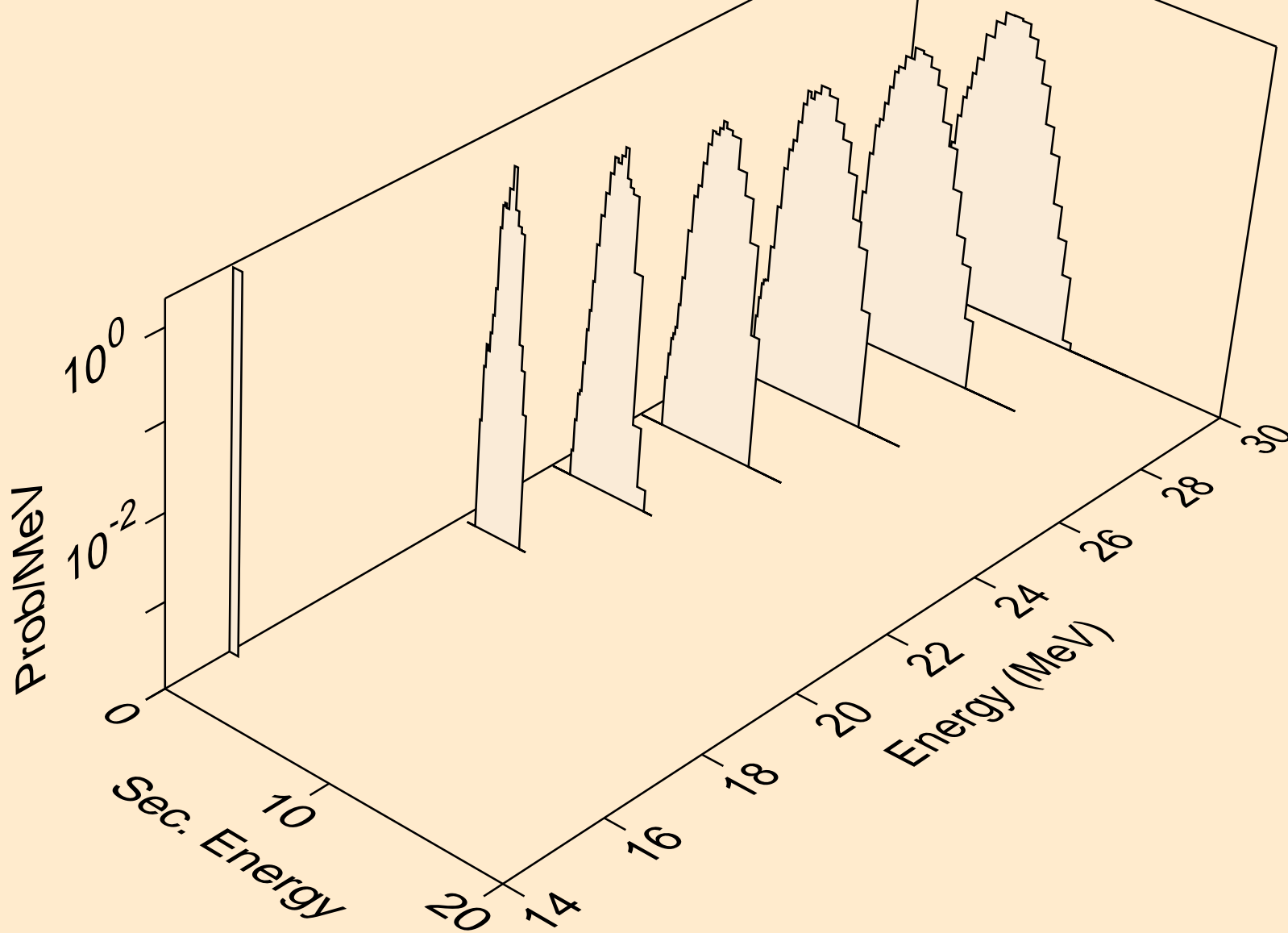
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protons from (n,3np)



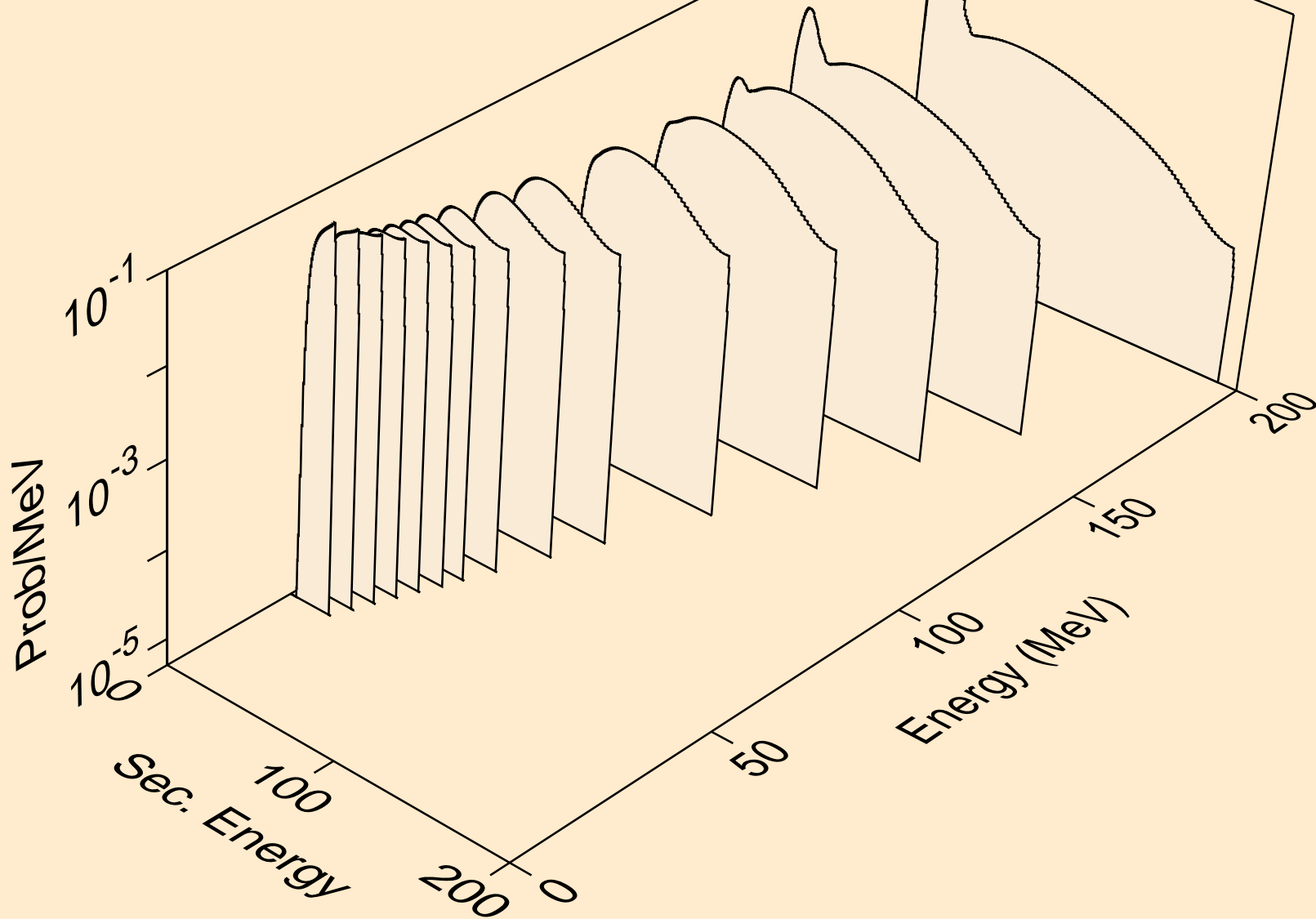
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protons from (n,p)



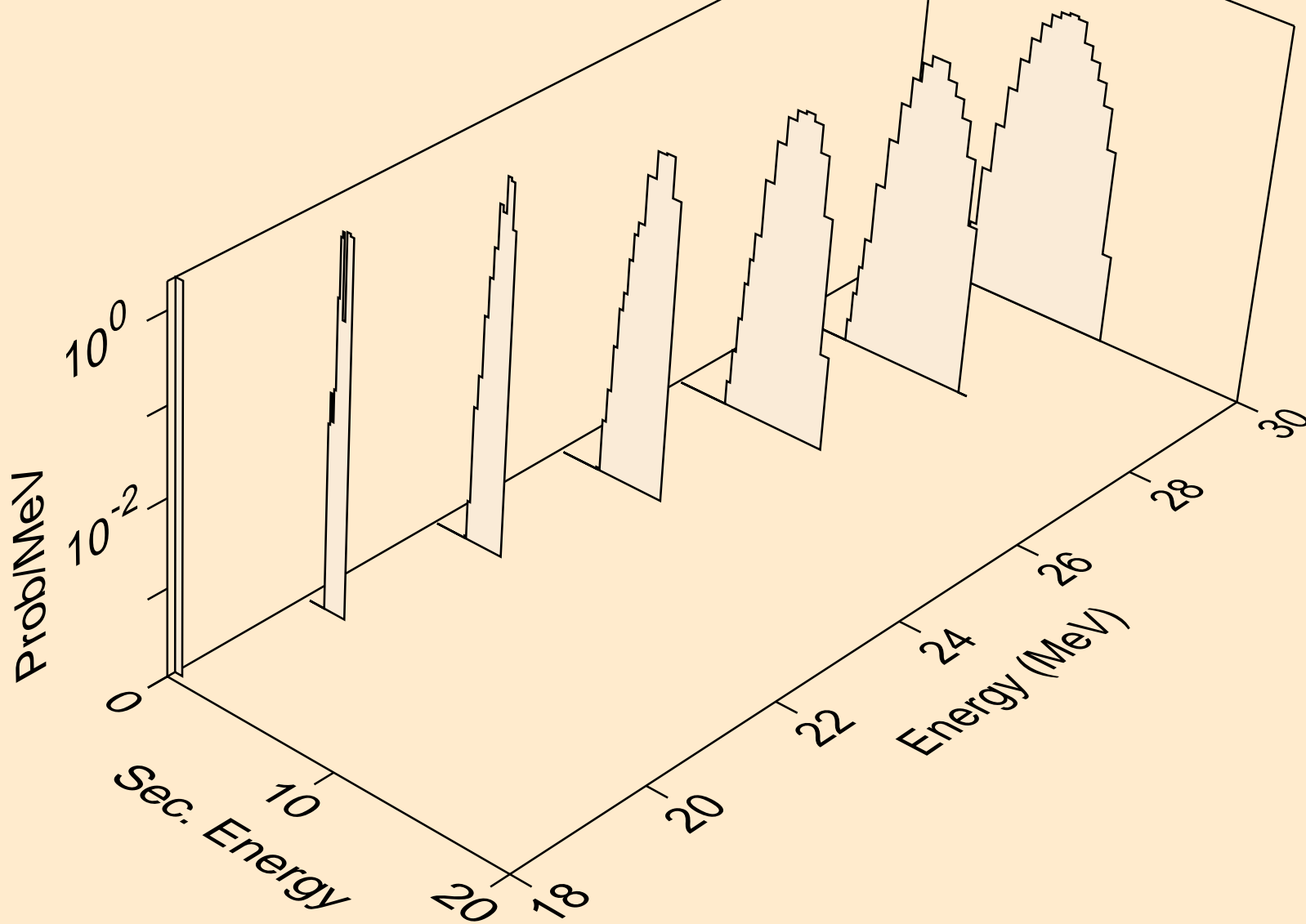
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protons from (n,2p)



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

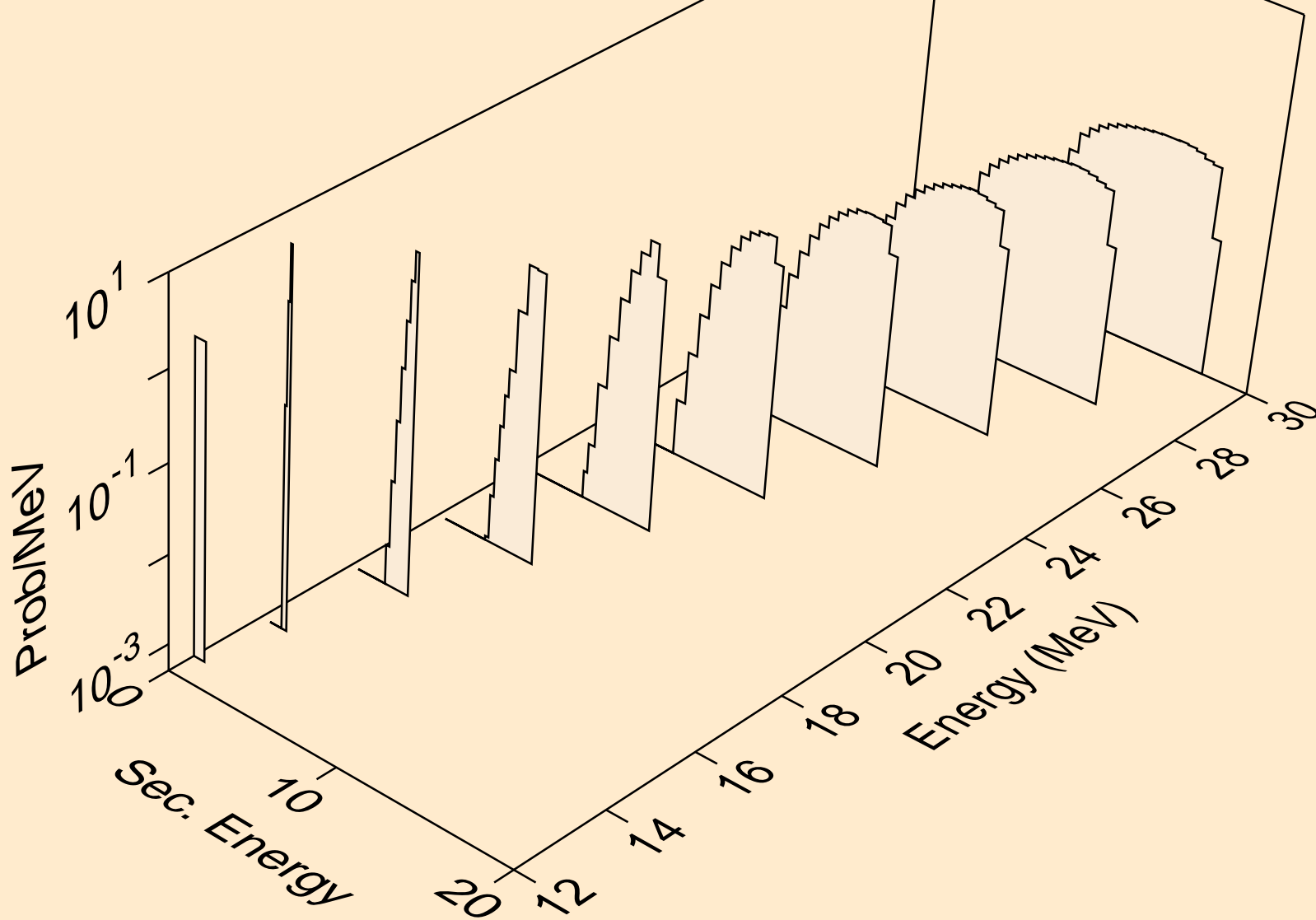


SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)

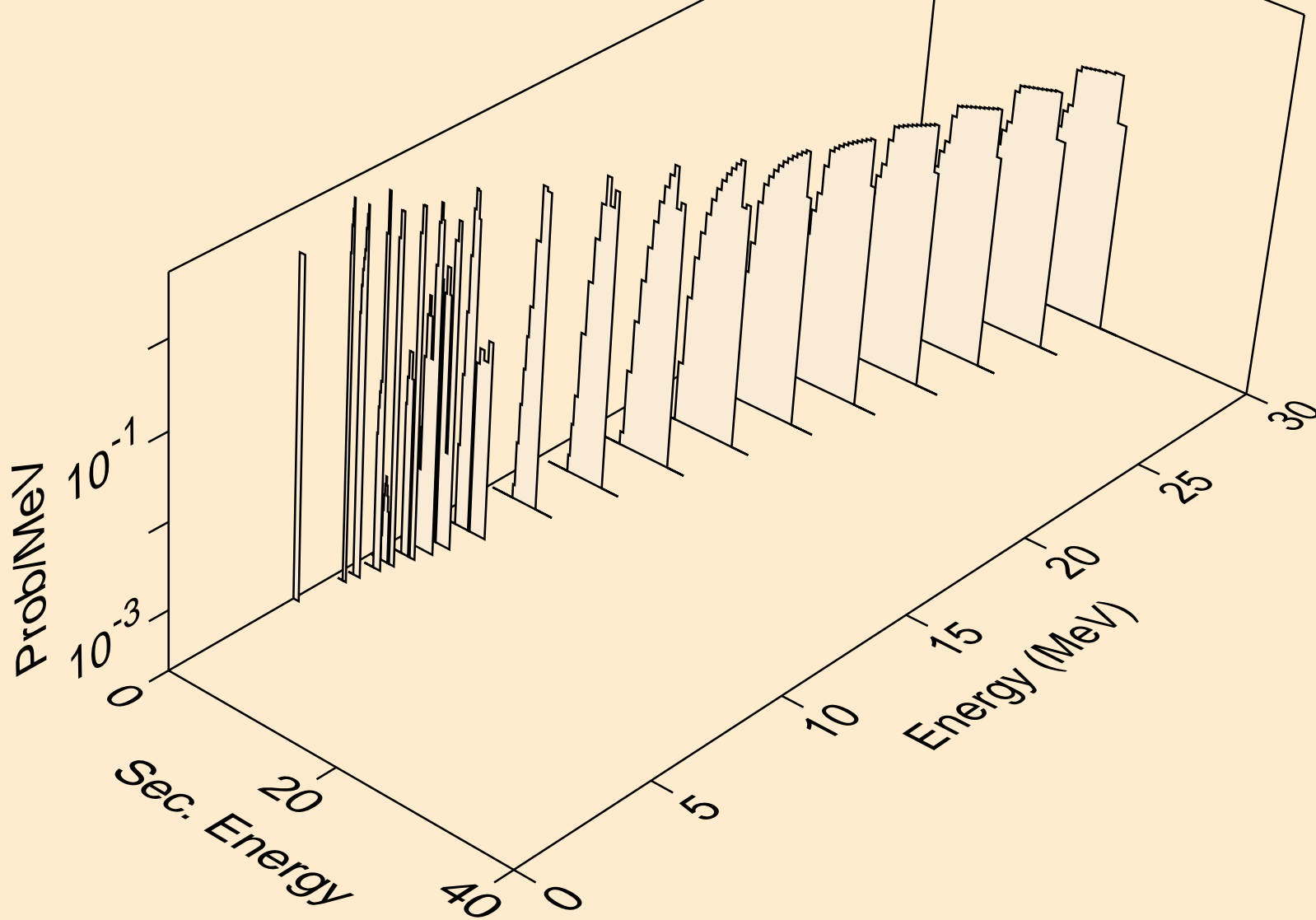




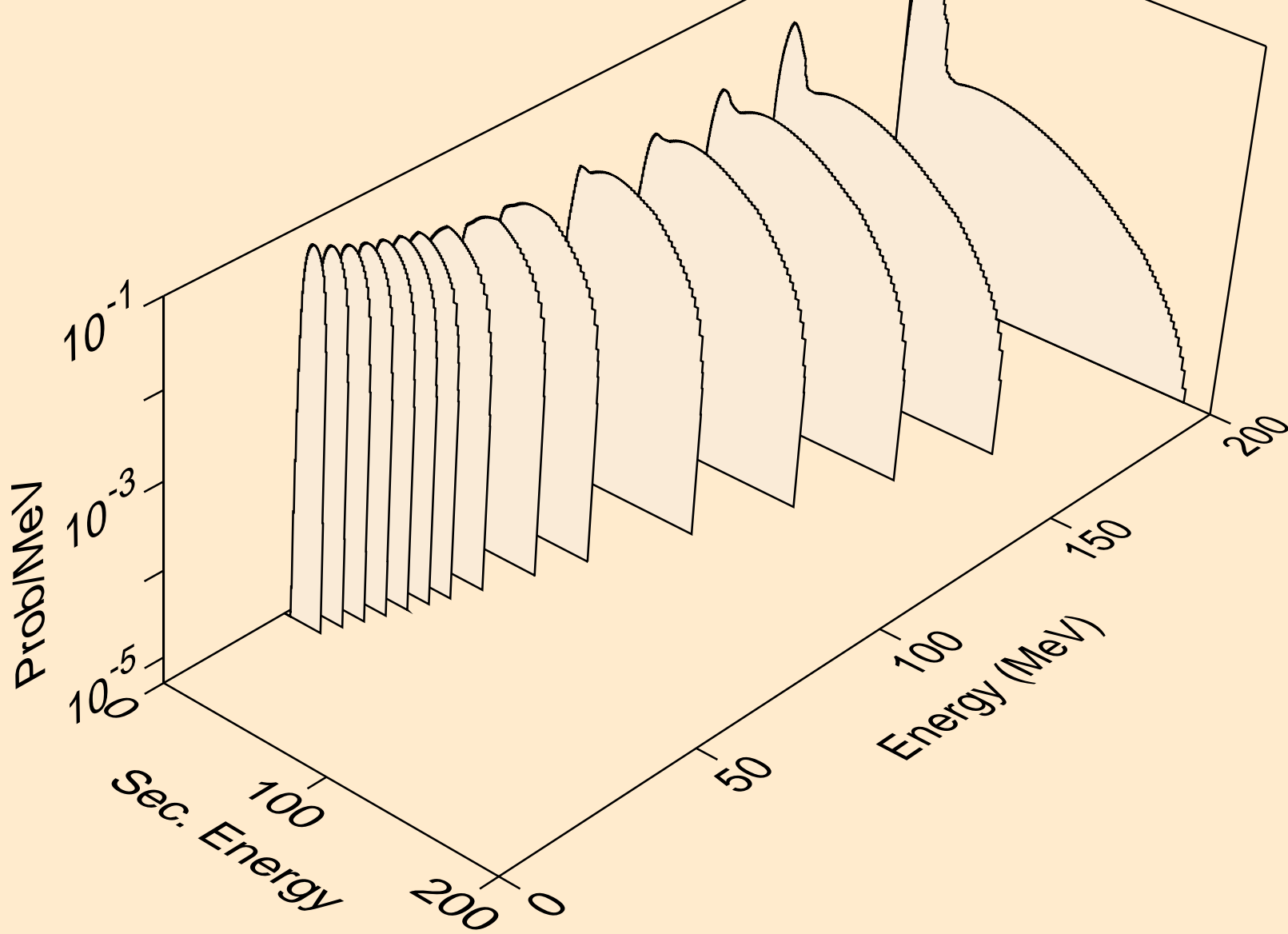
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deuterons from (n,n\*)d



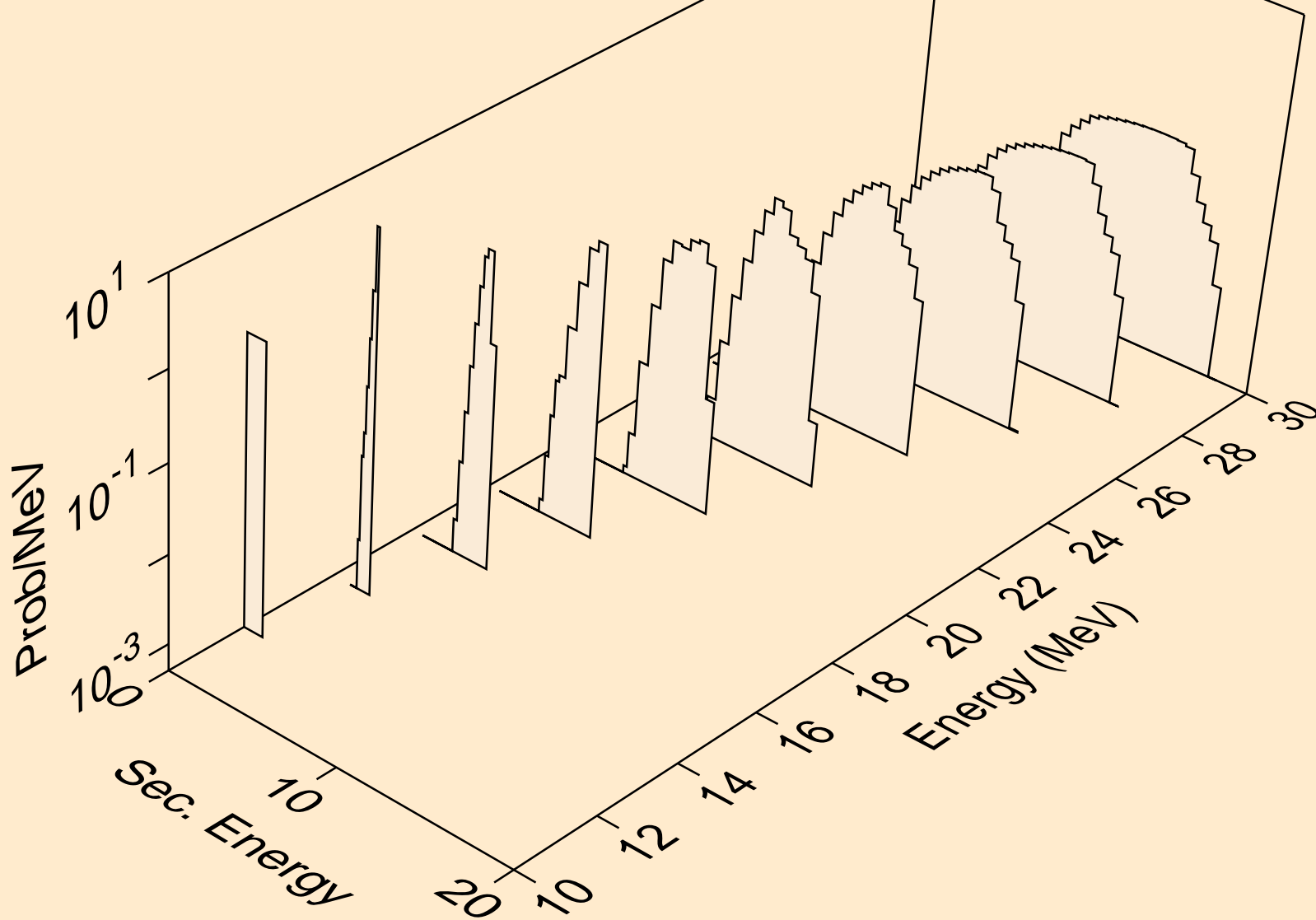
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deuterons from (n,d)



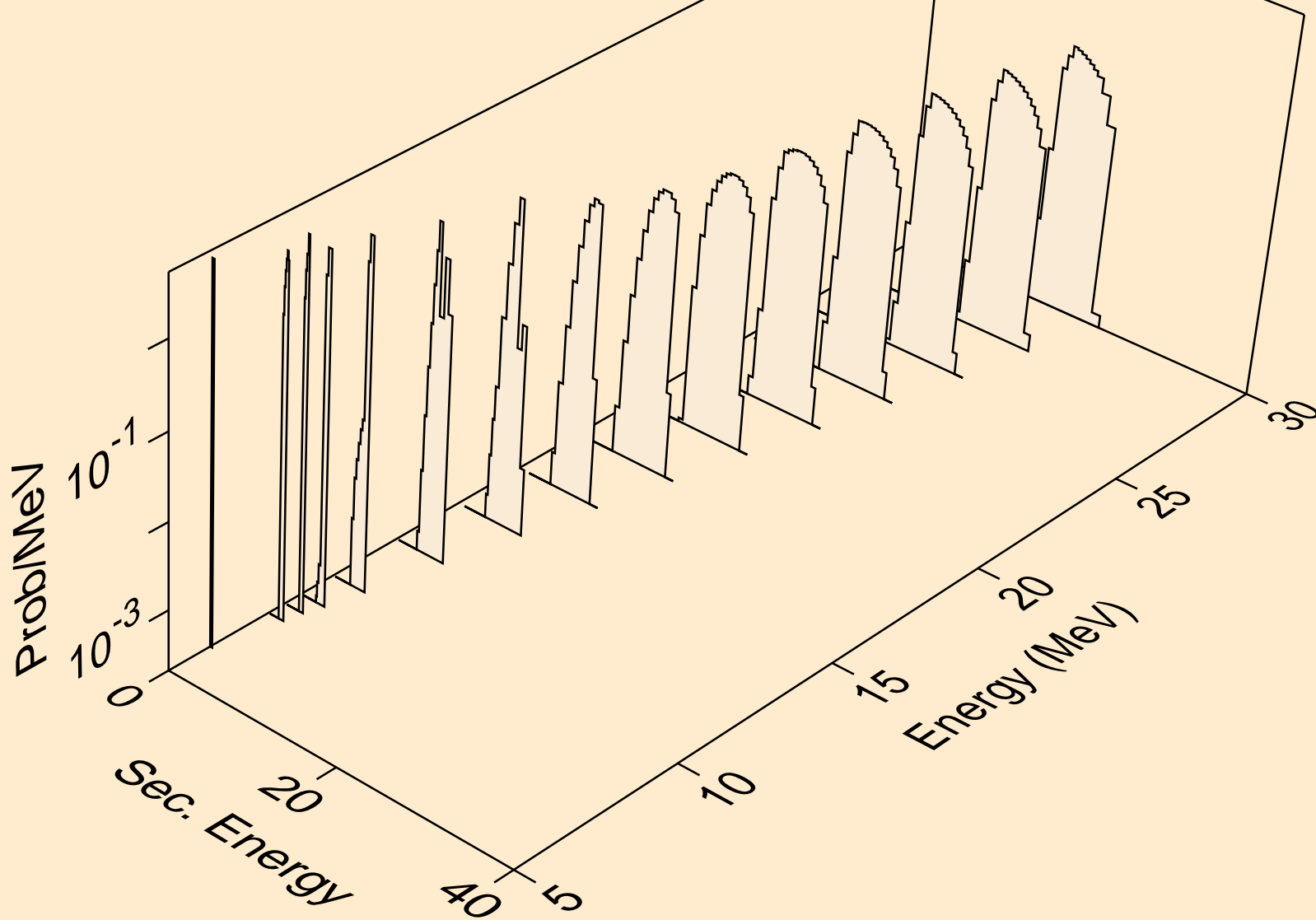
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tritons from (n,x)



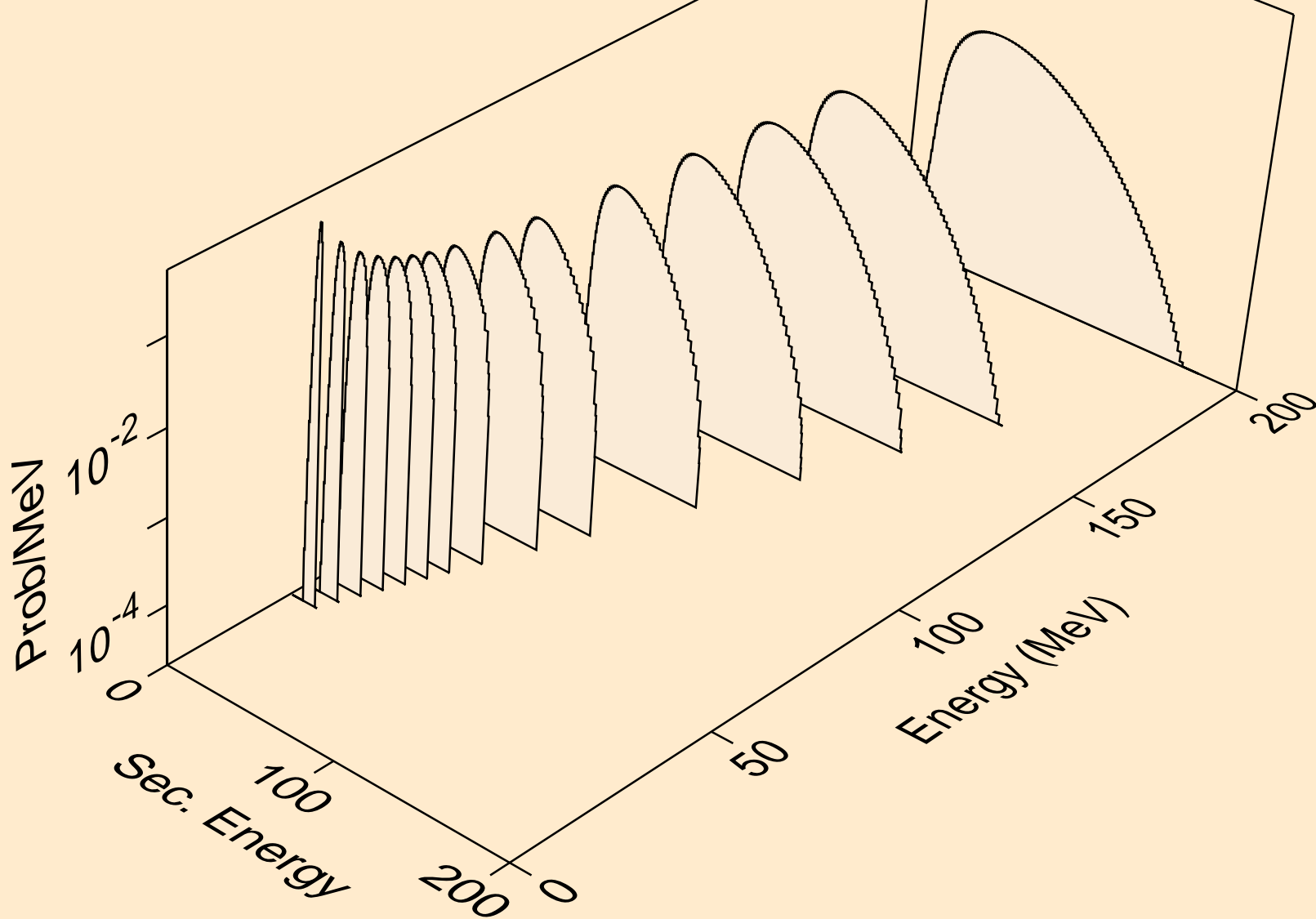
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tritons from (n,n\*)t



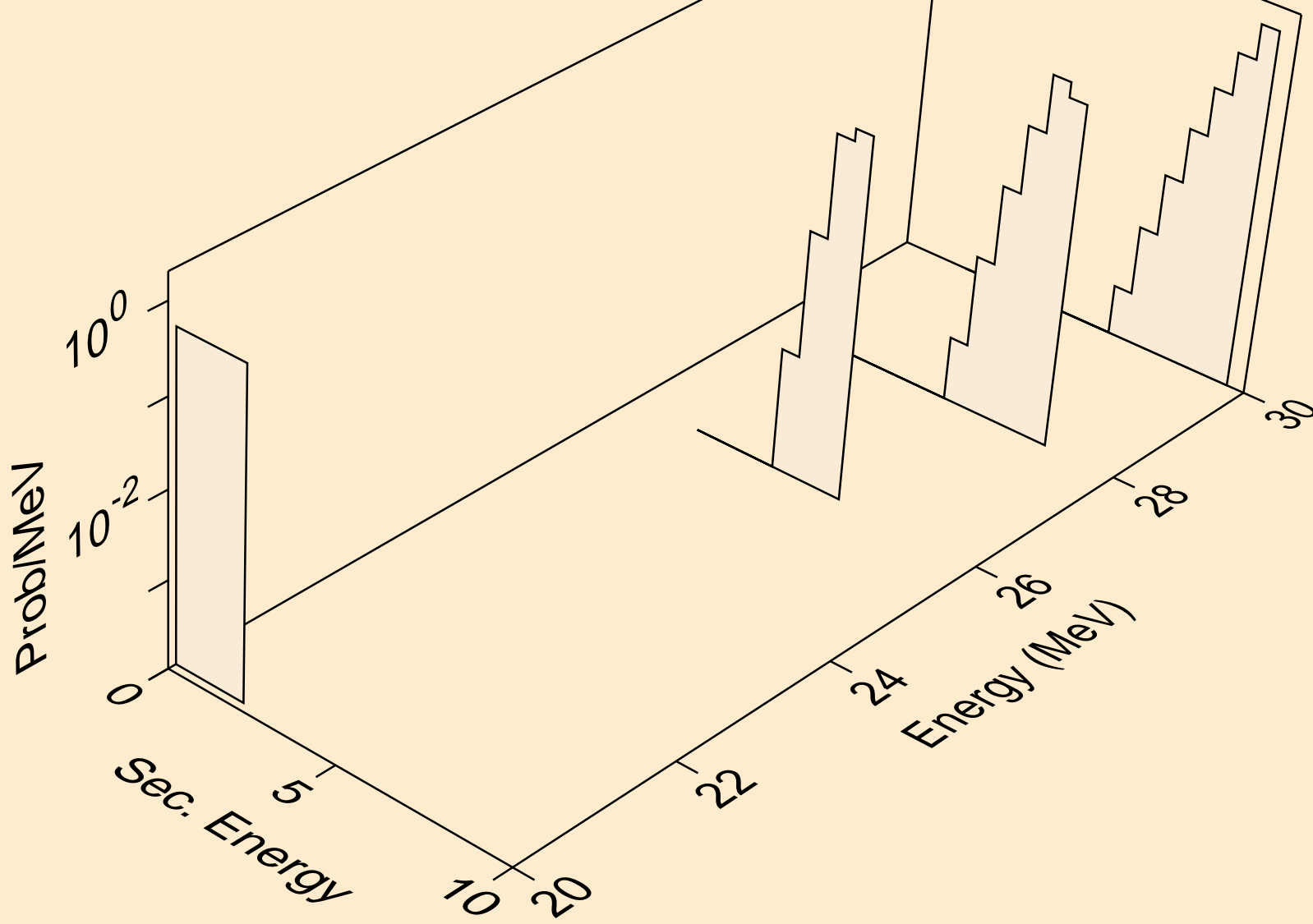
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tritons from (n,t)



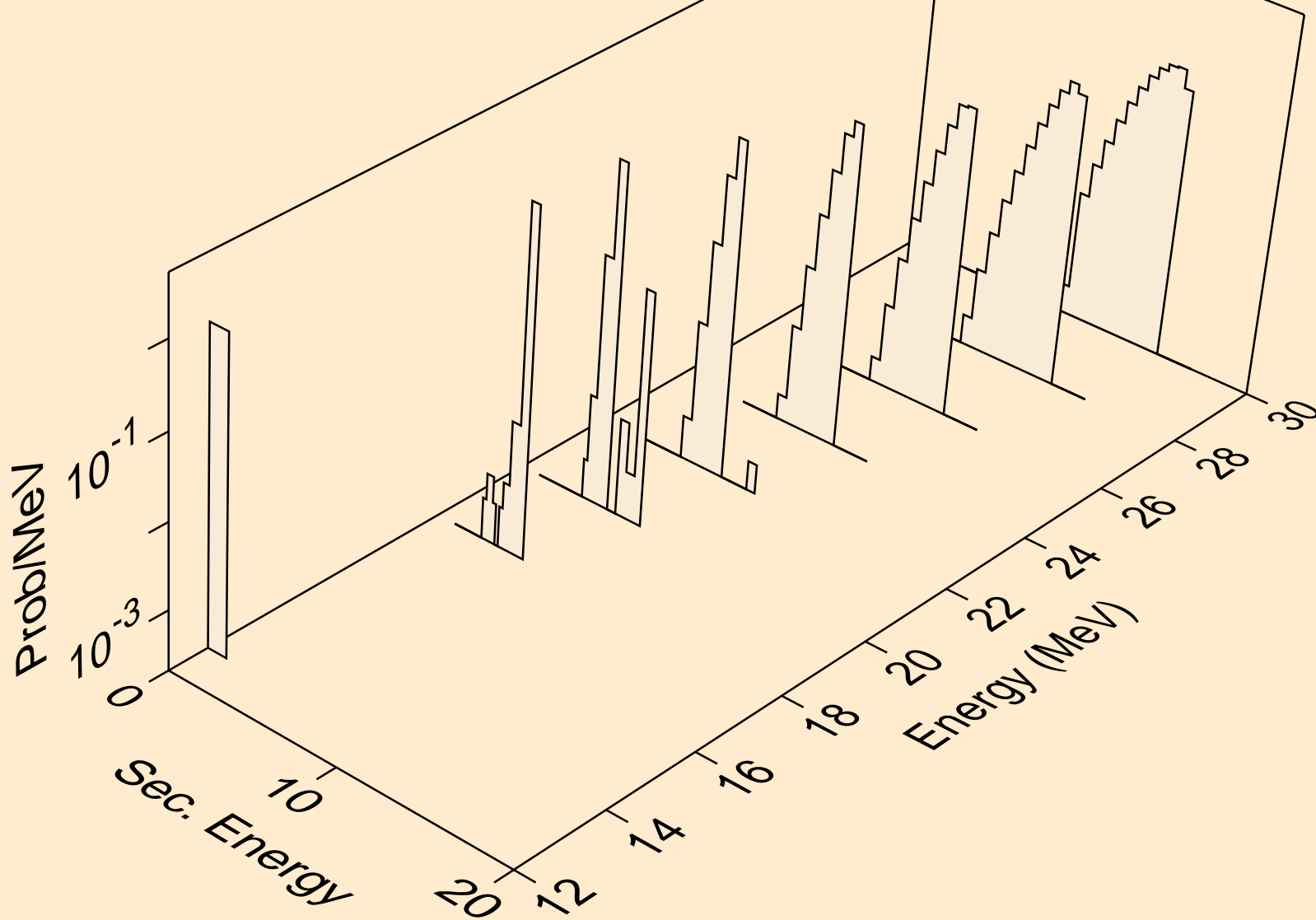
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3

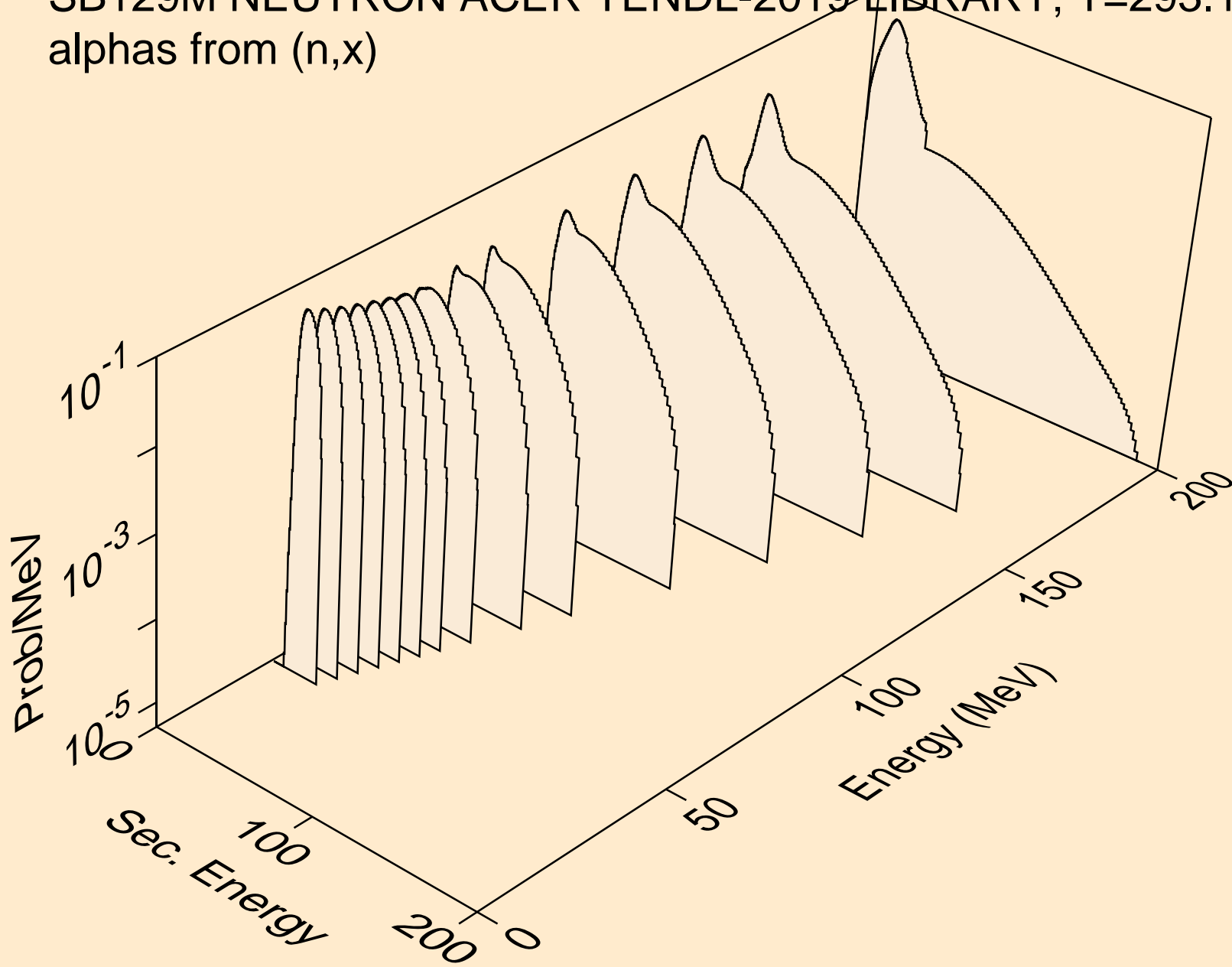


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he3s from (n,he3)

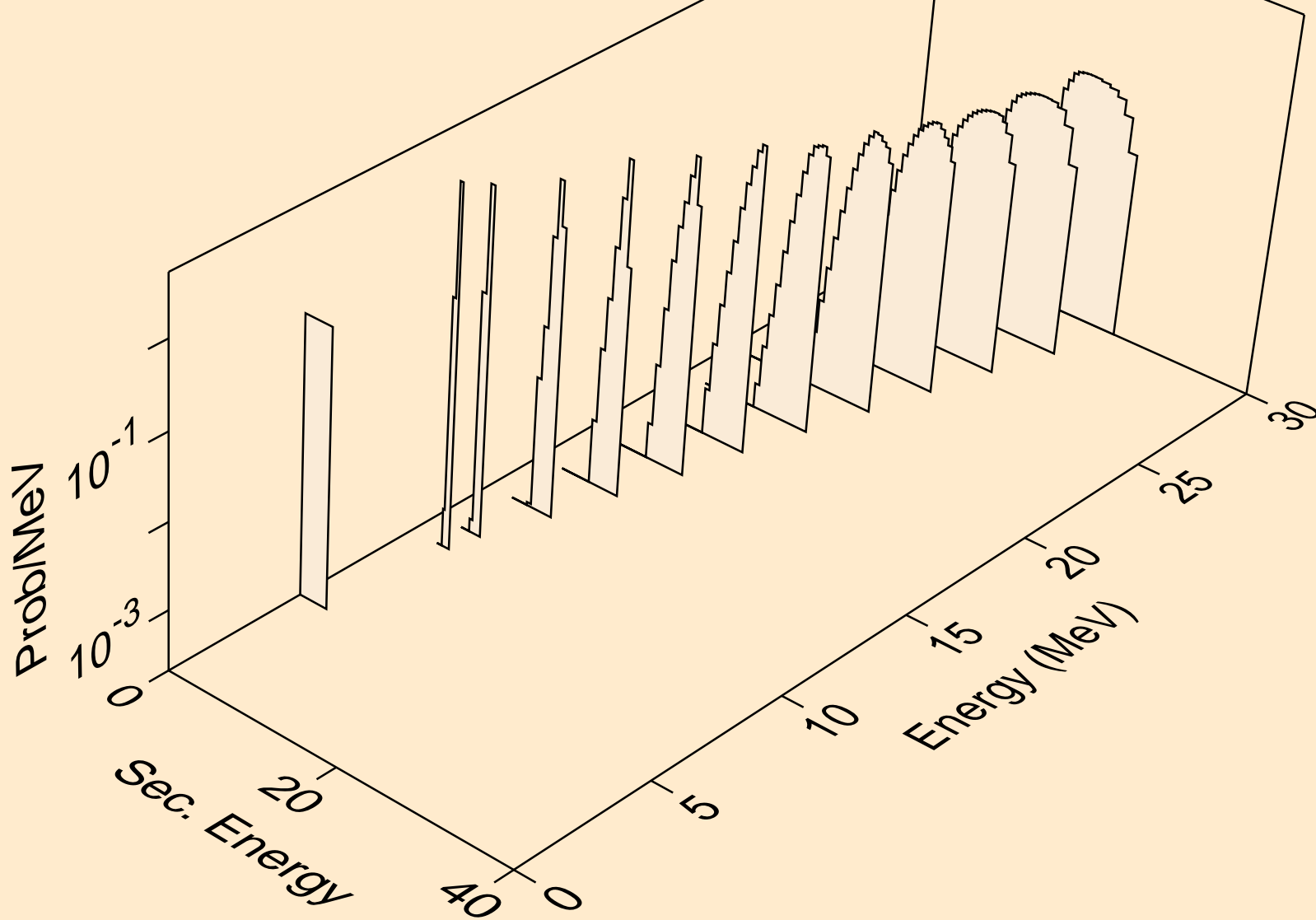




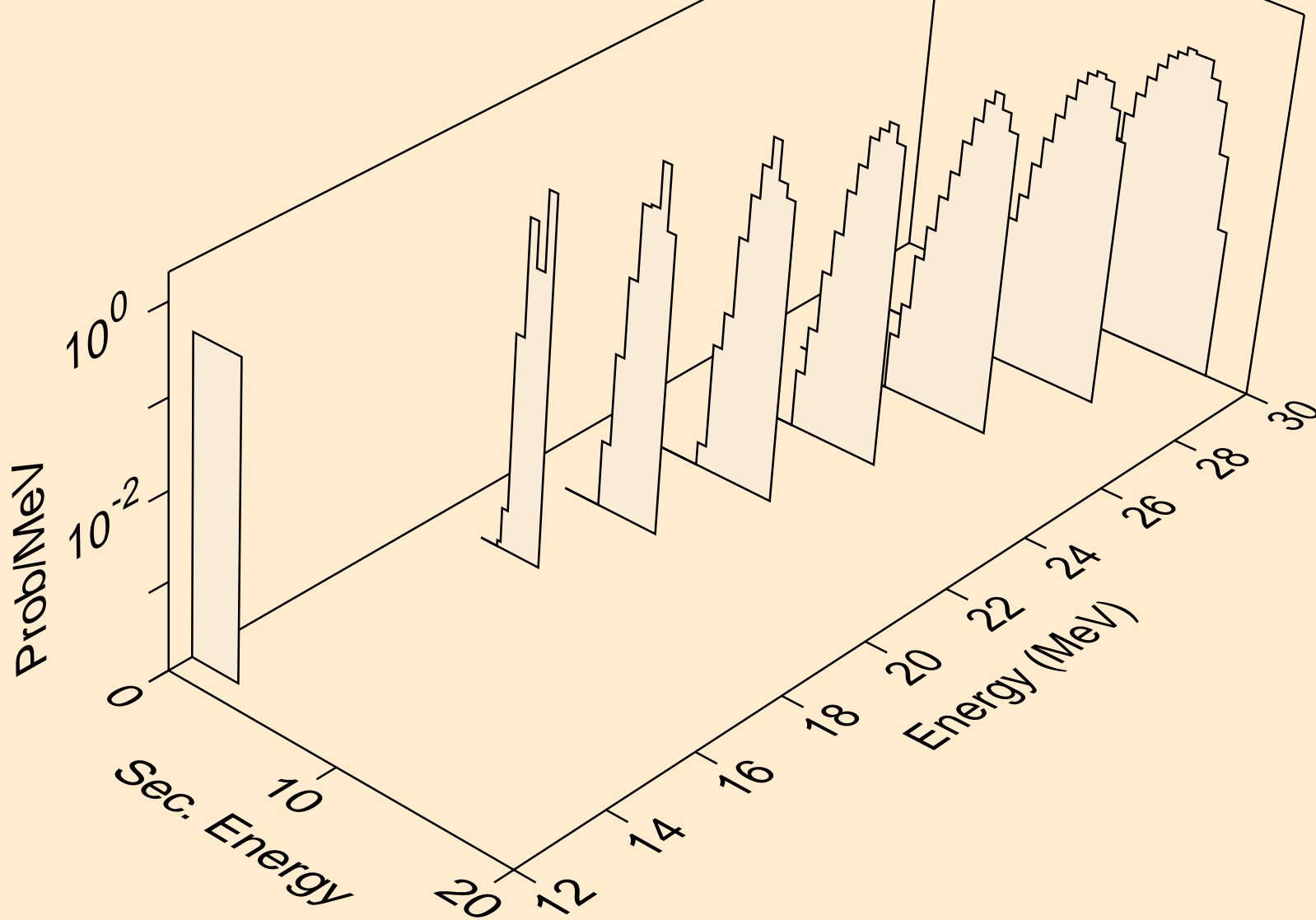
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alphas from (n,x)



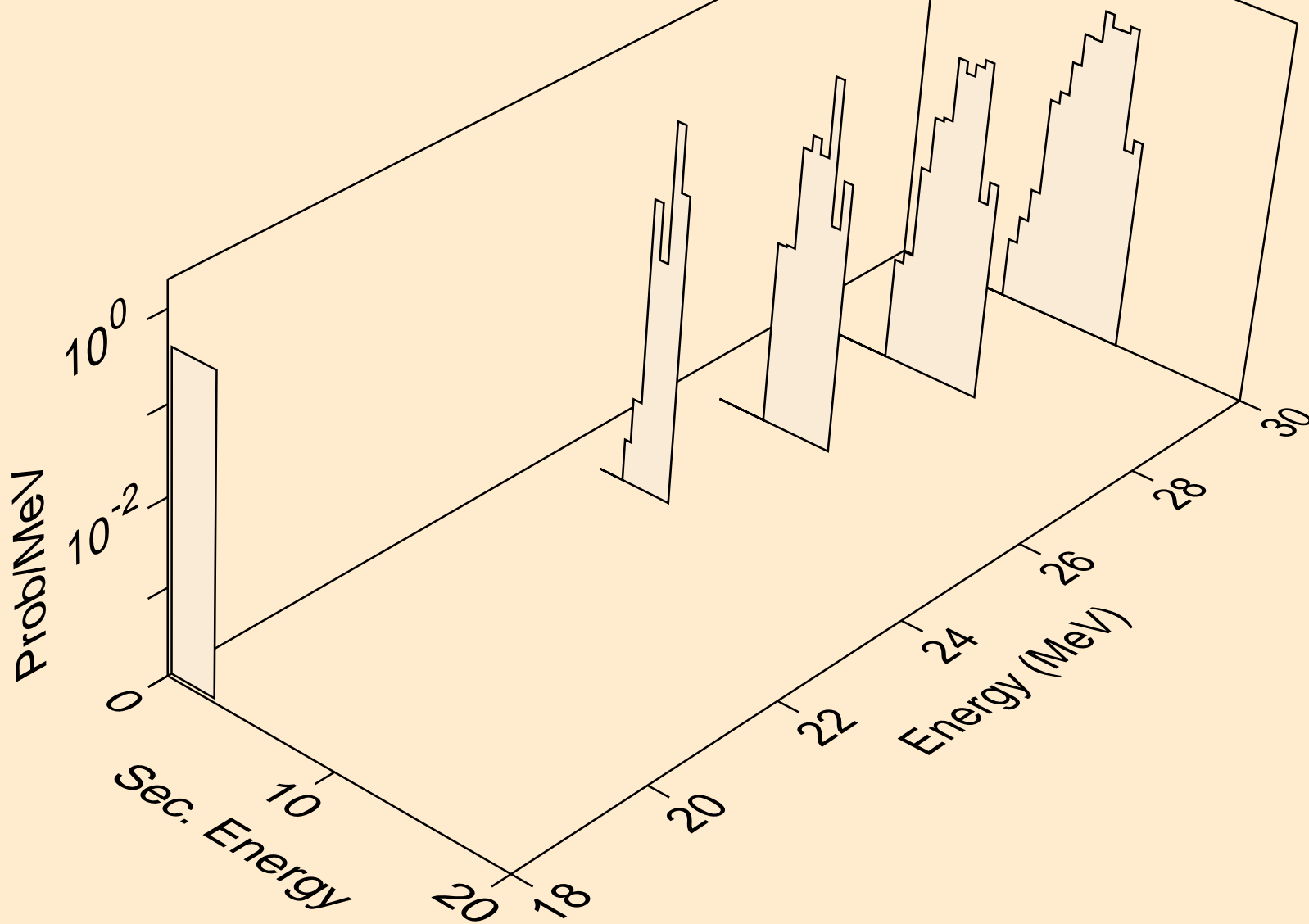
SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



SB129M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

