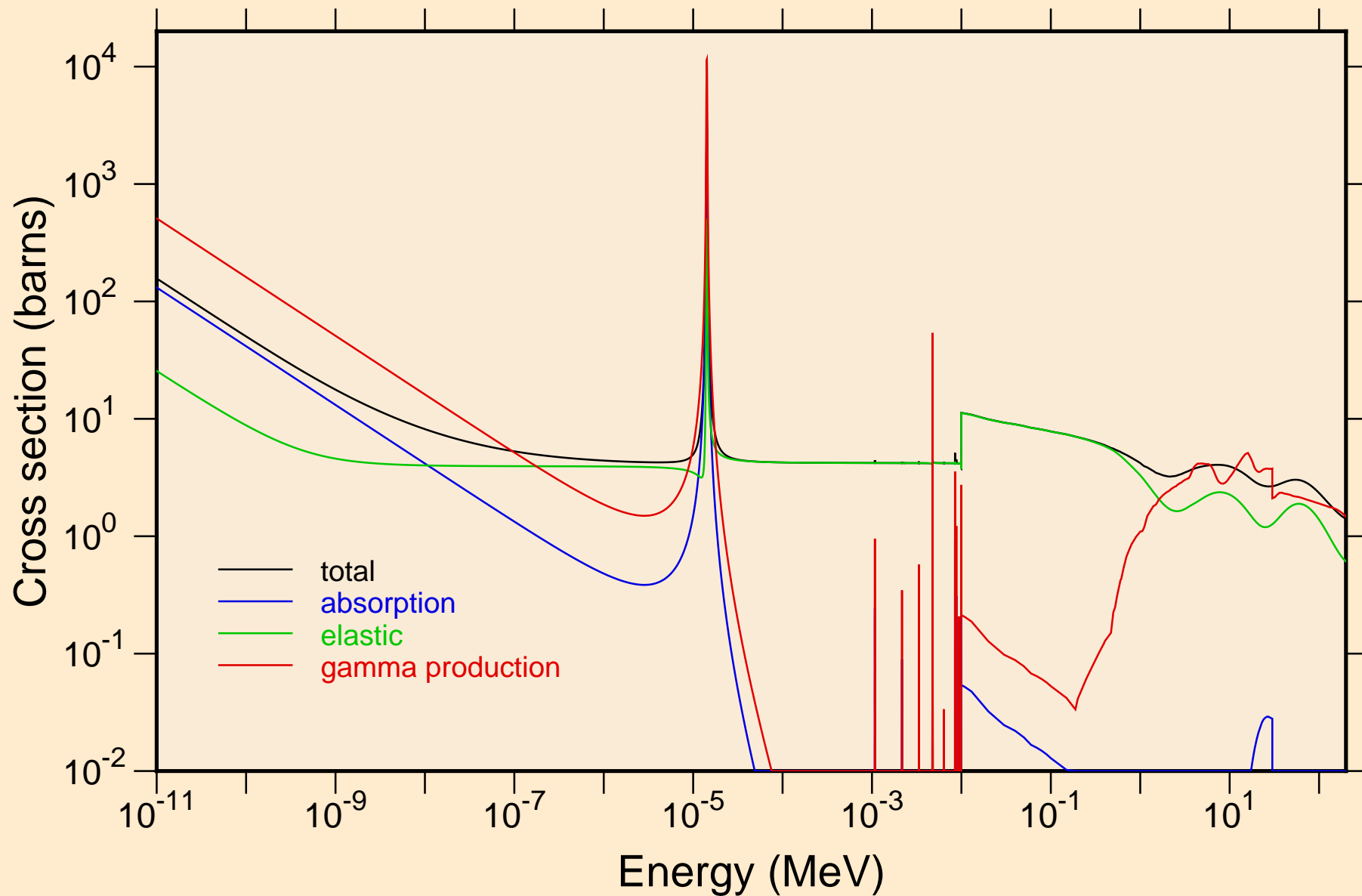
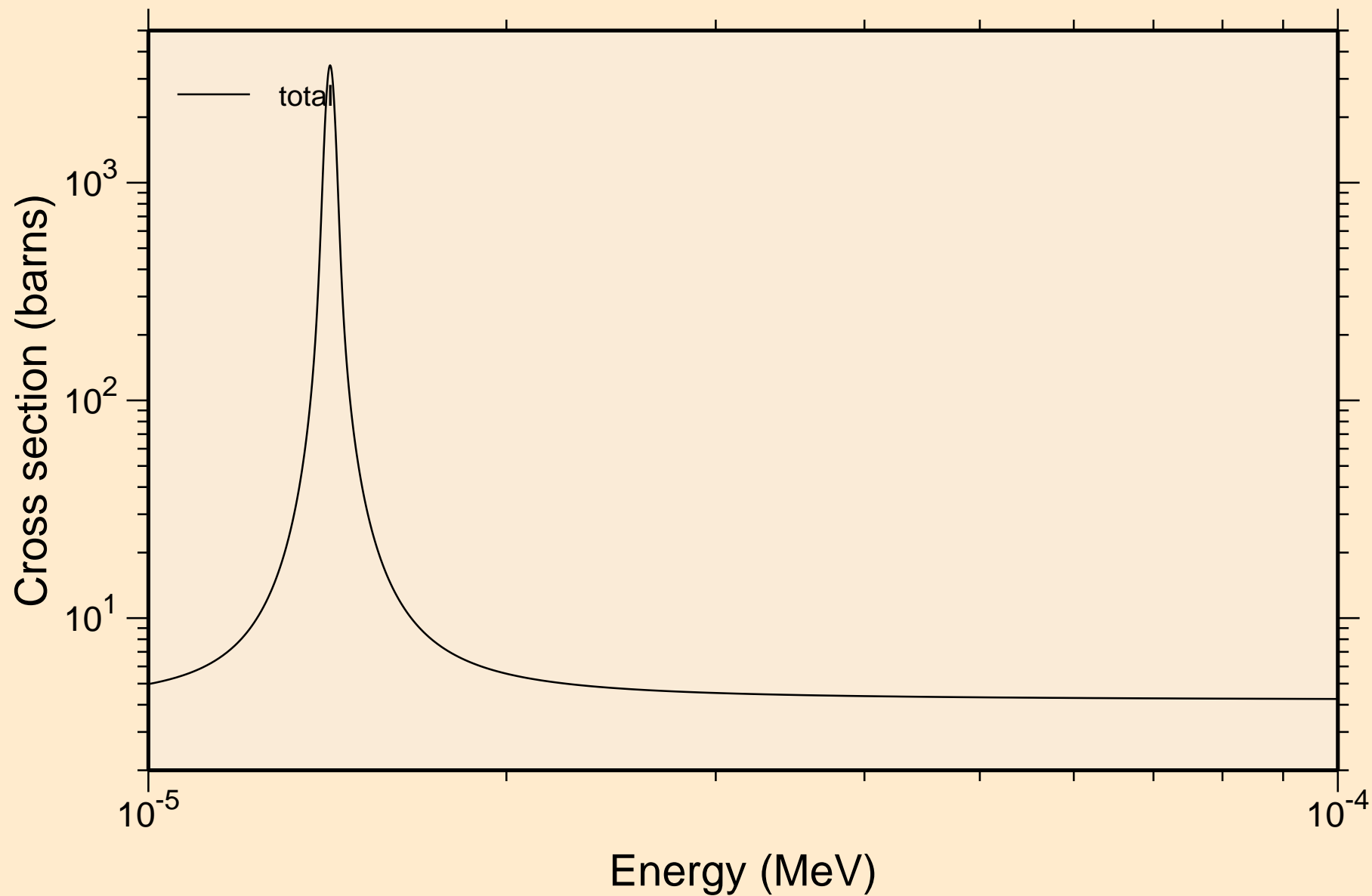


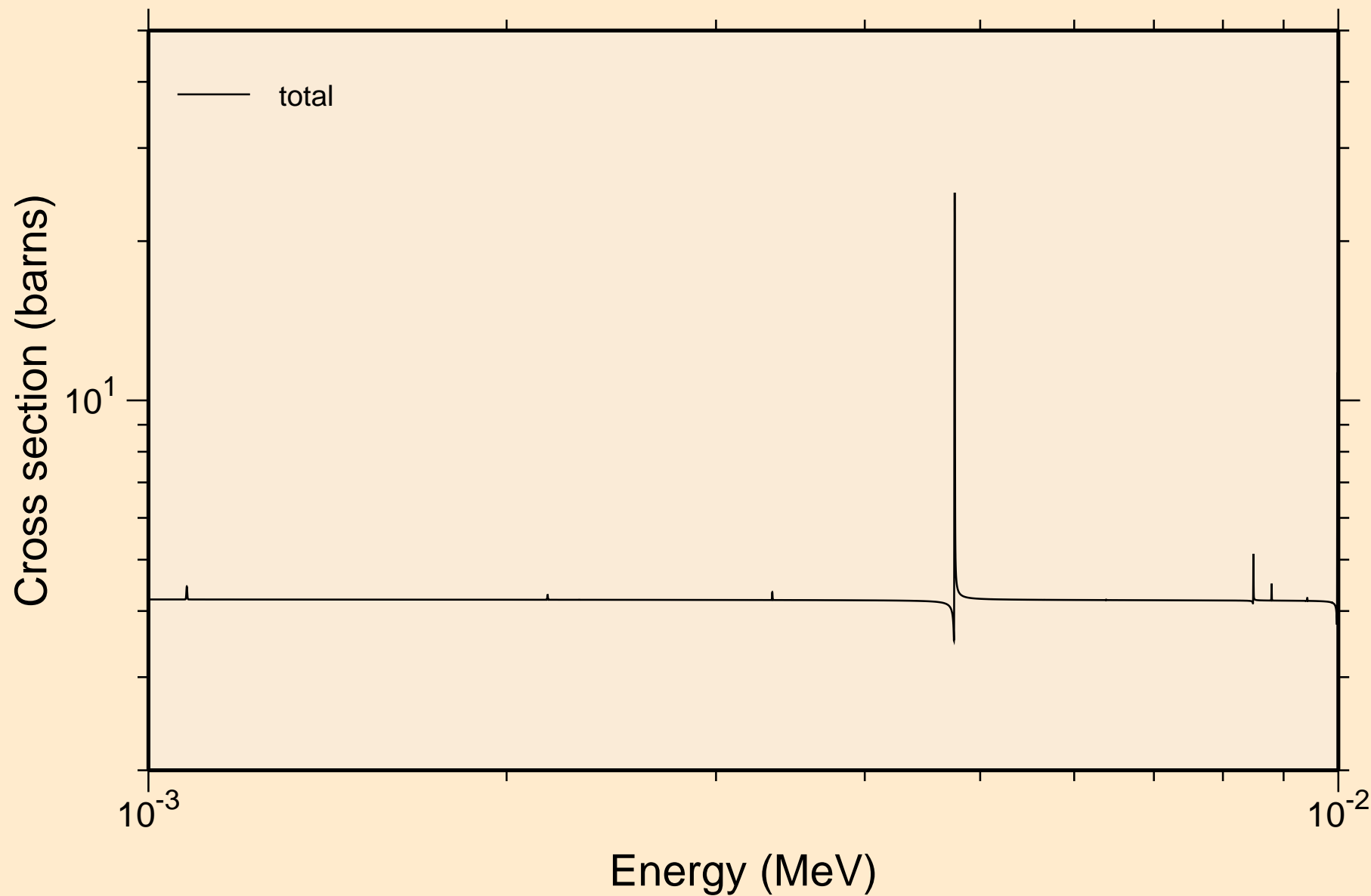
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



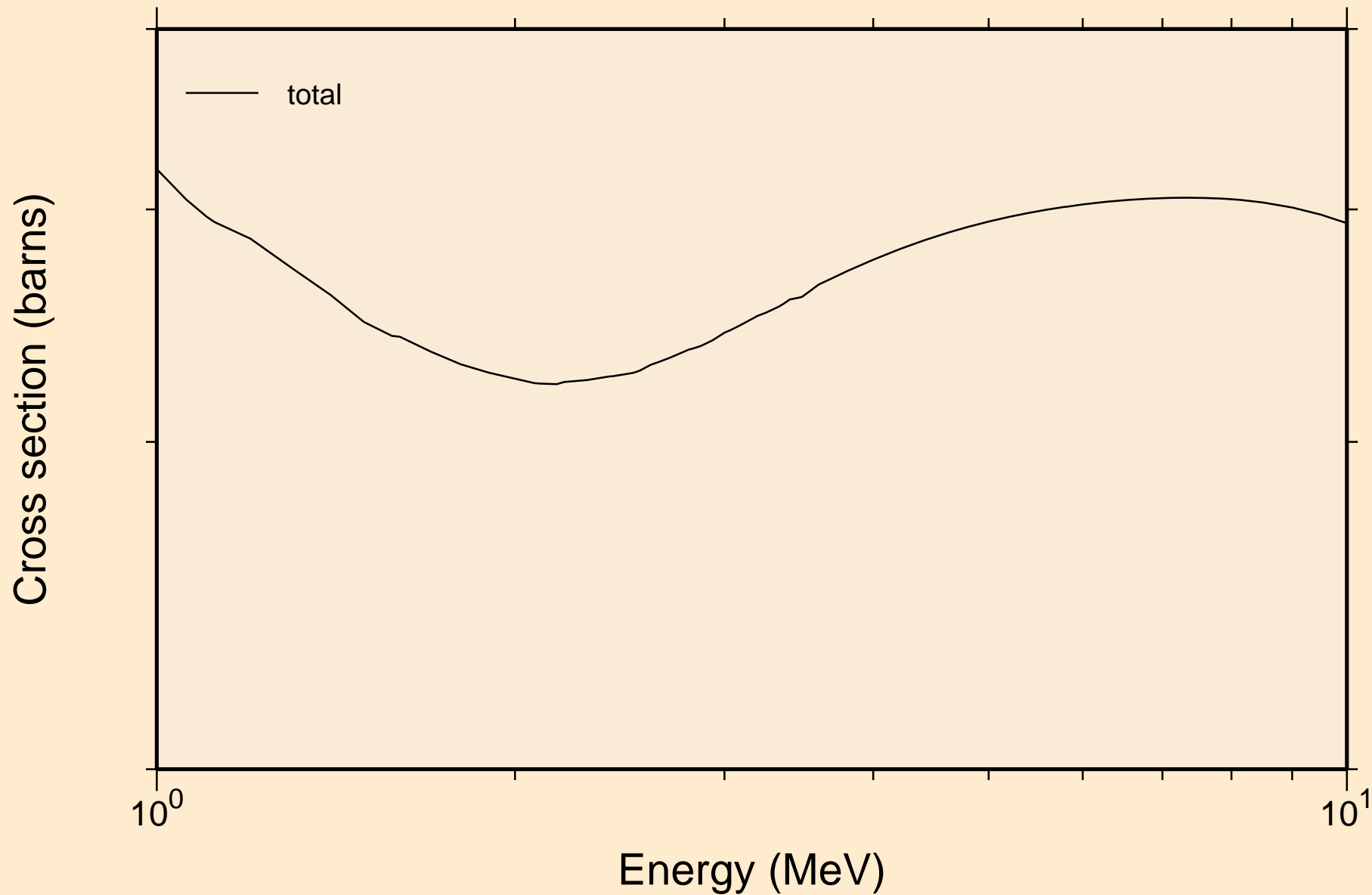
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resonance total cross section



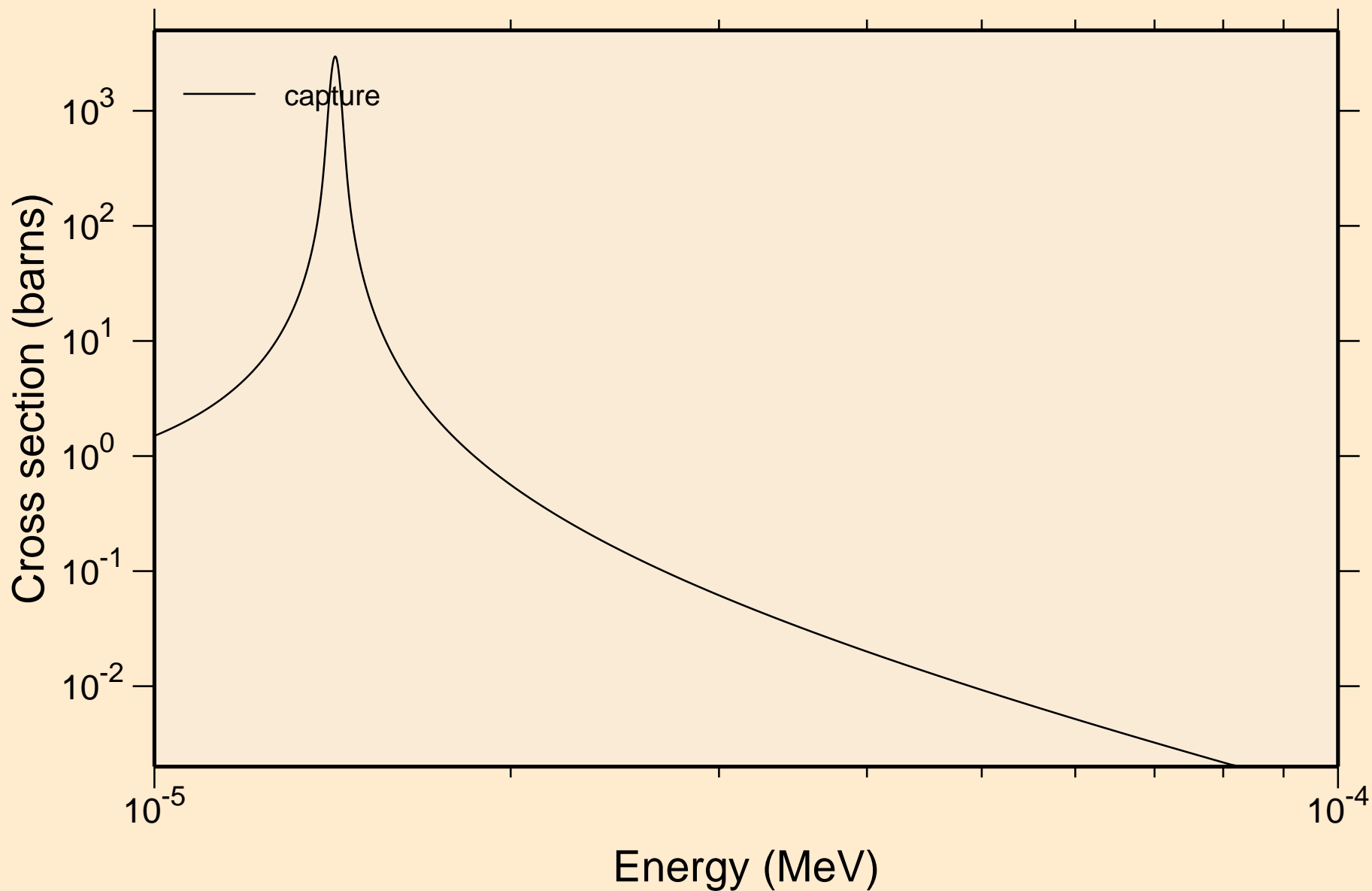
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



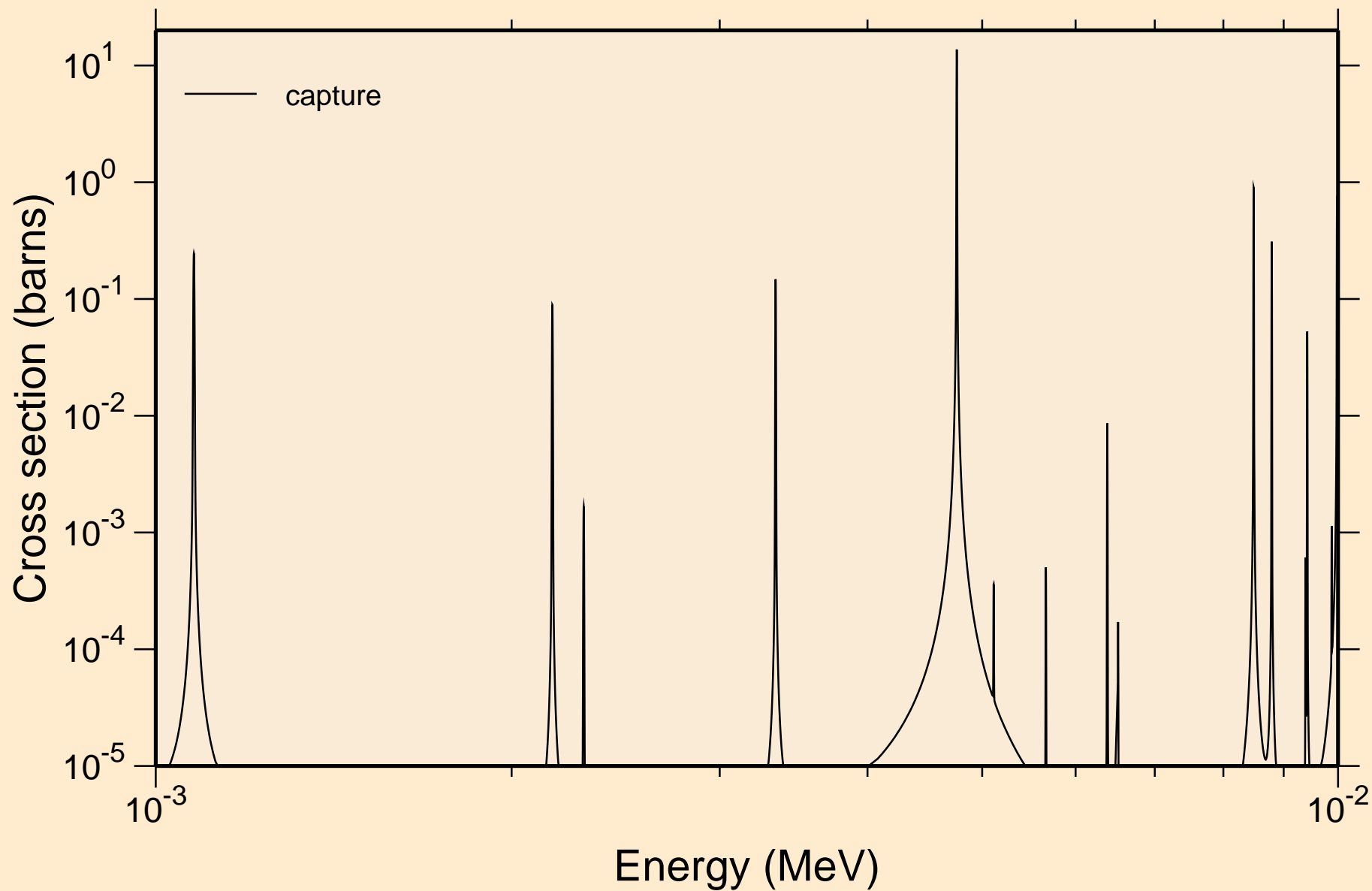
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resonance total cross section



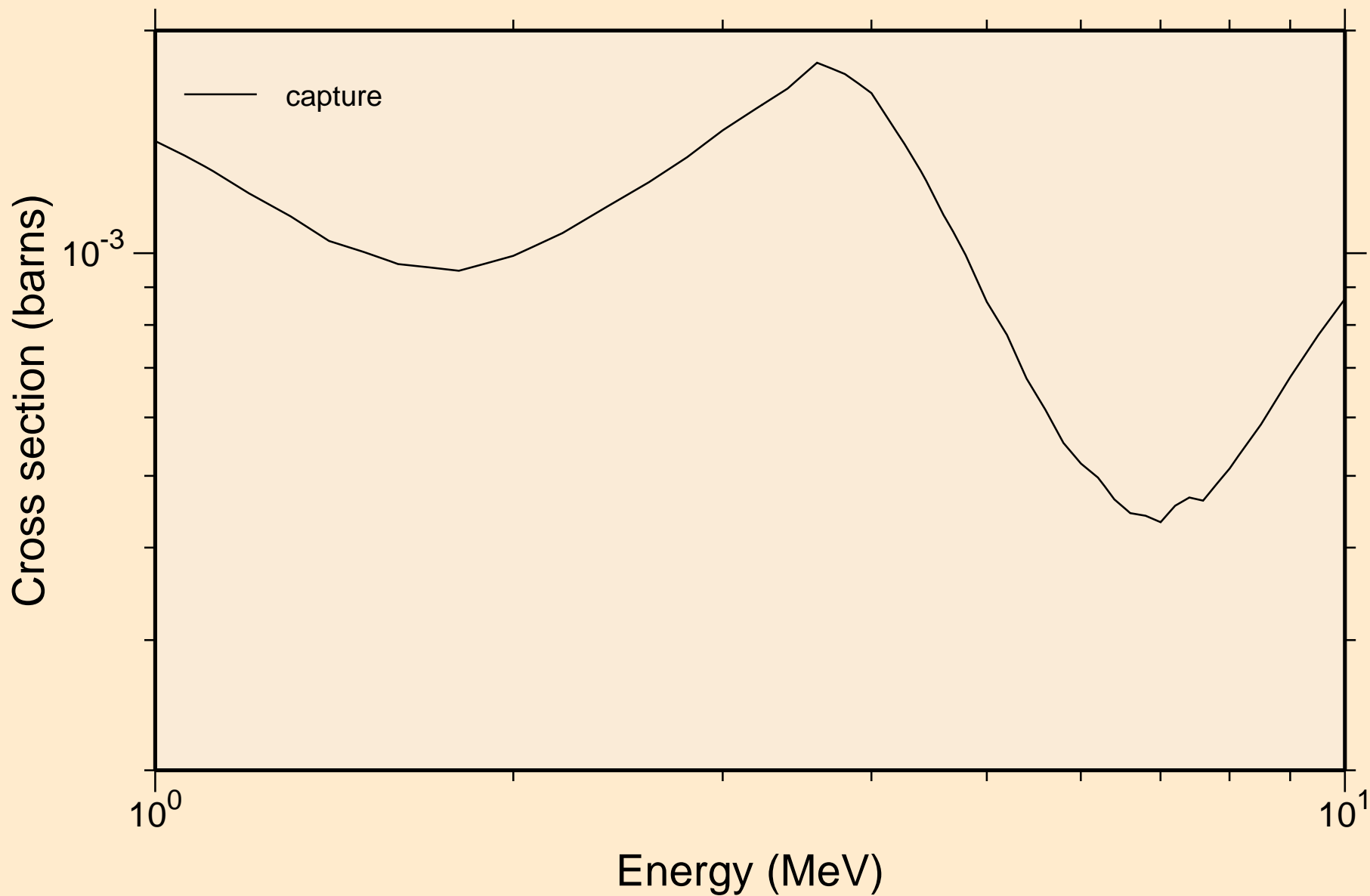
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



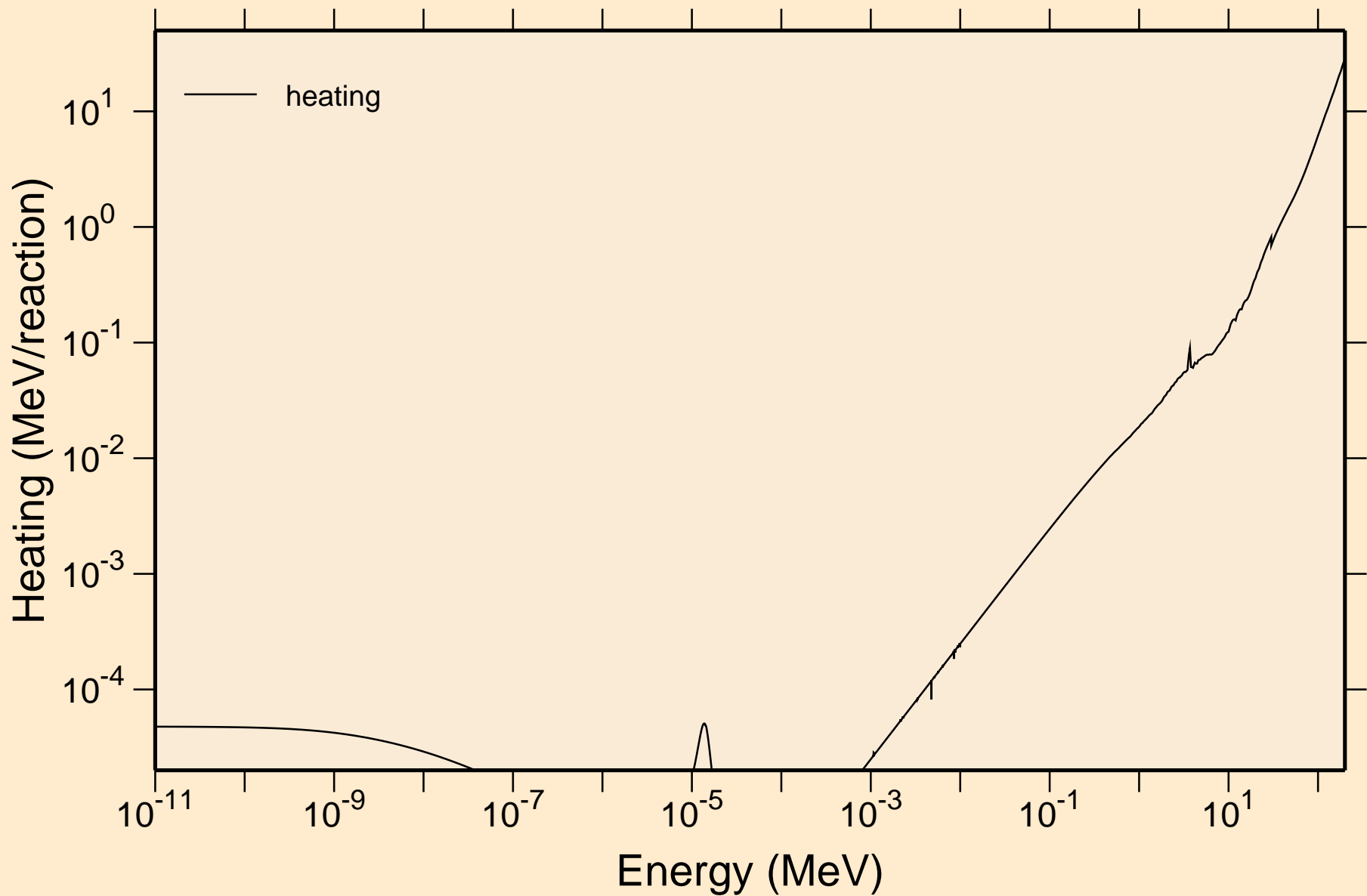
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



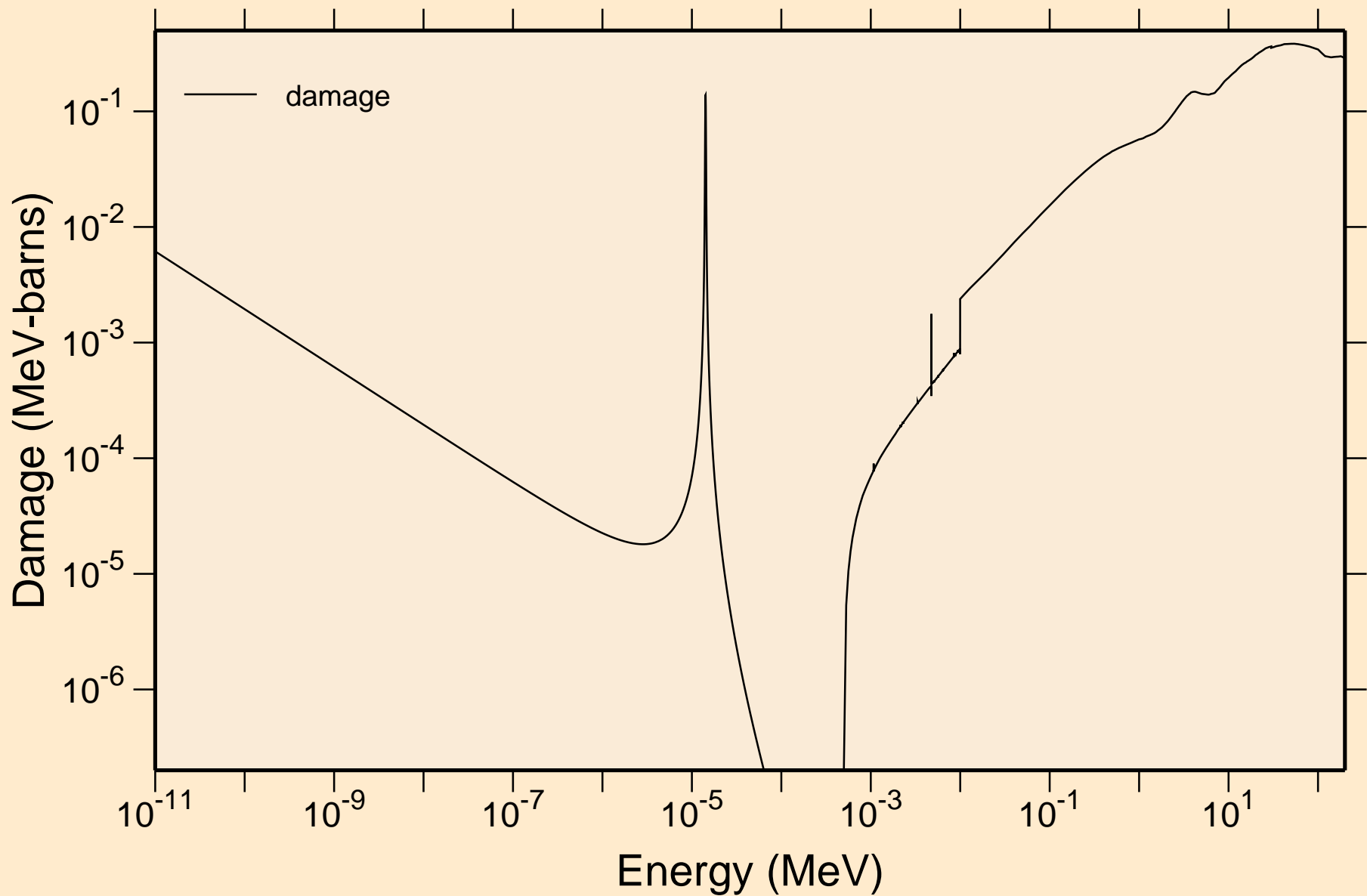
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



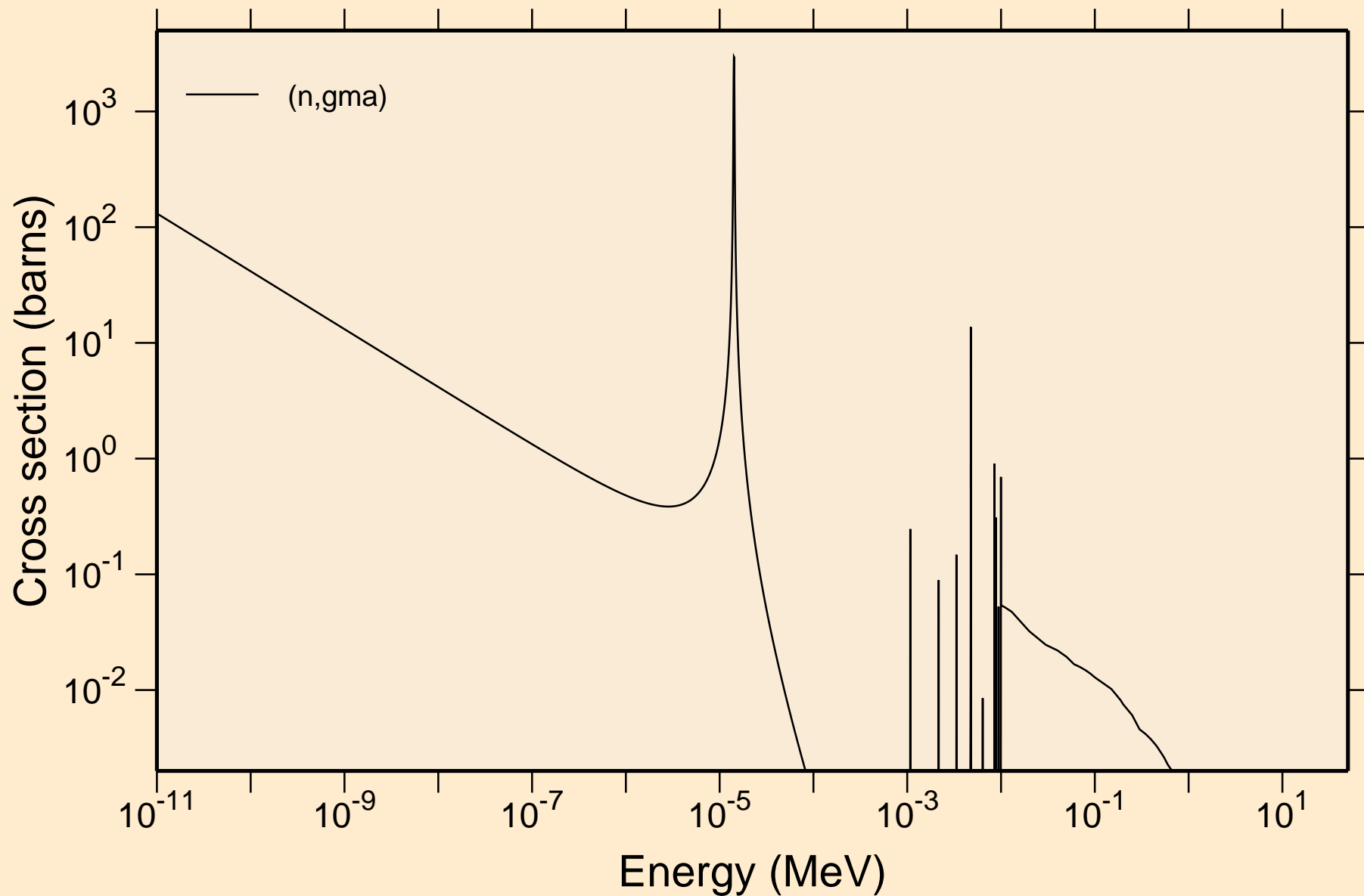


# GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Damage

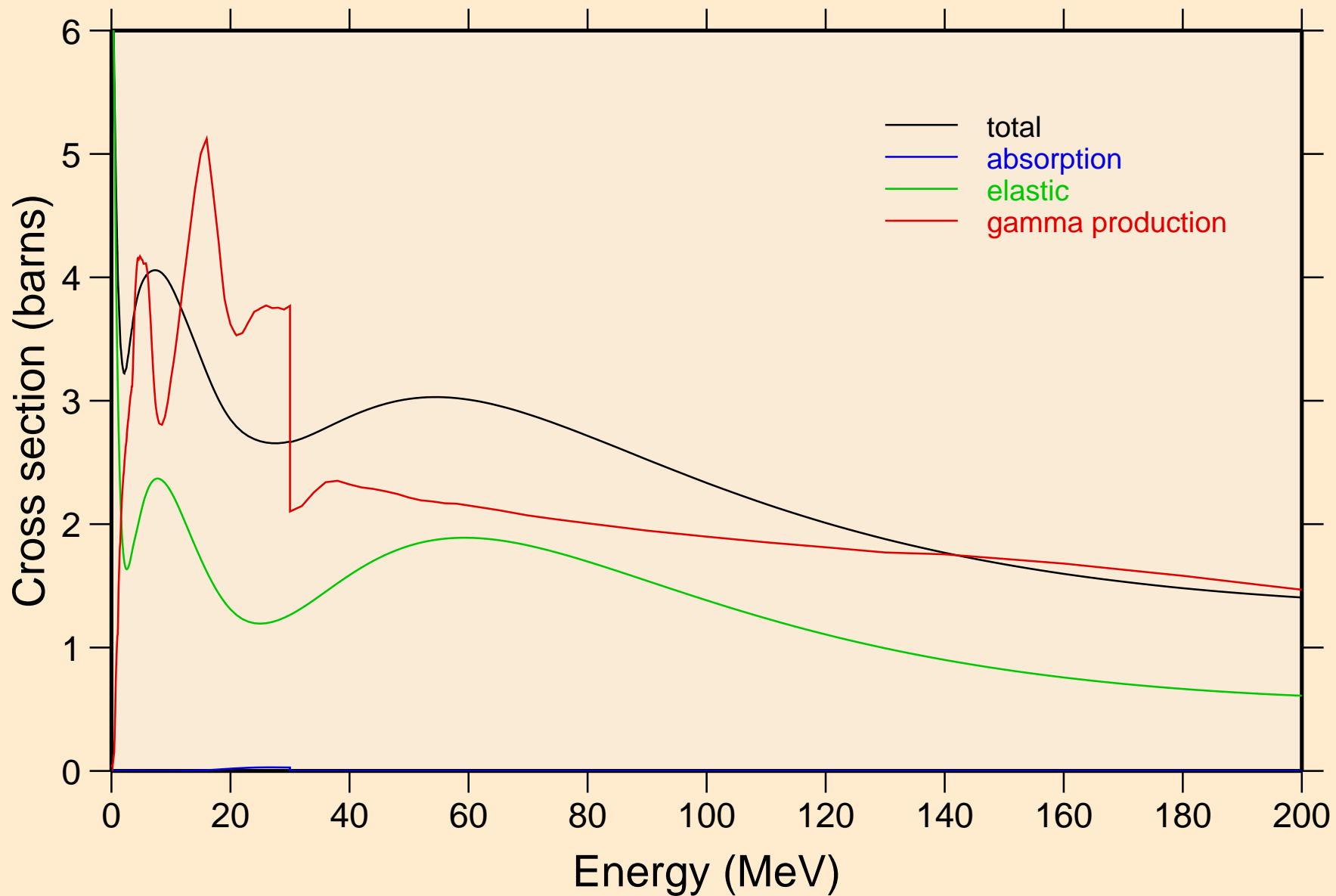


GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

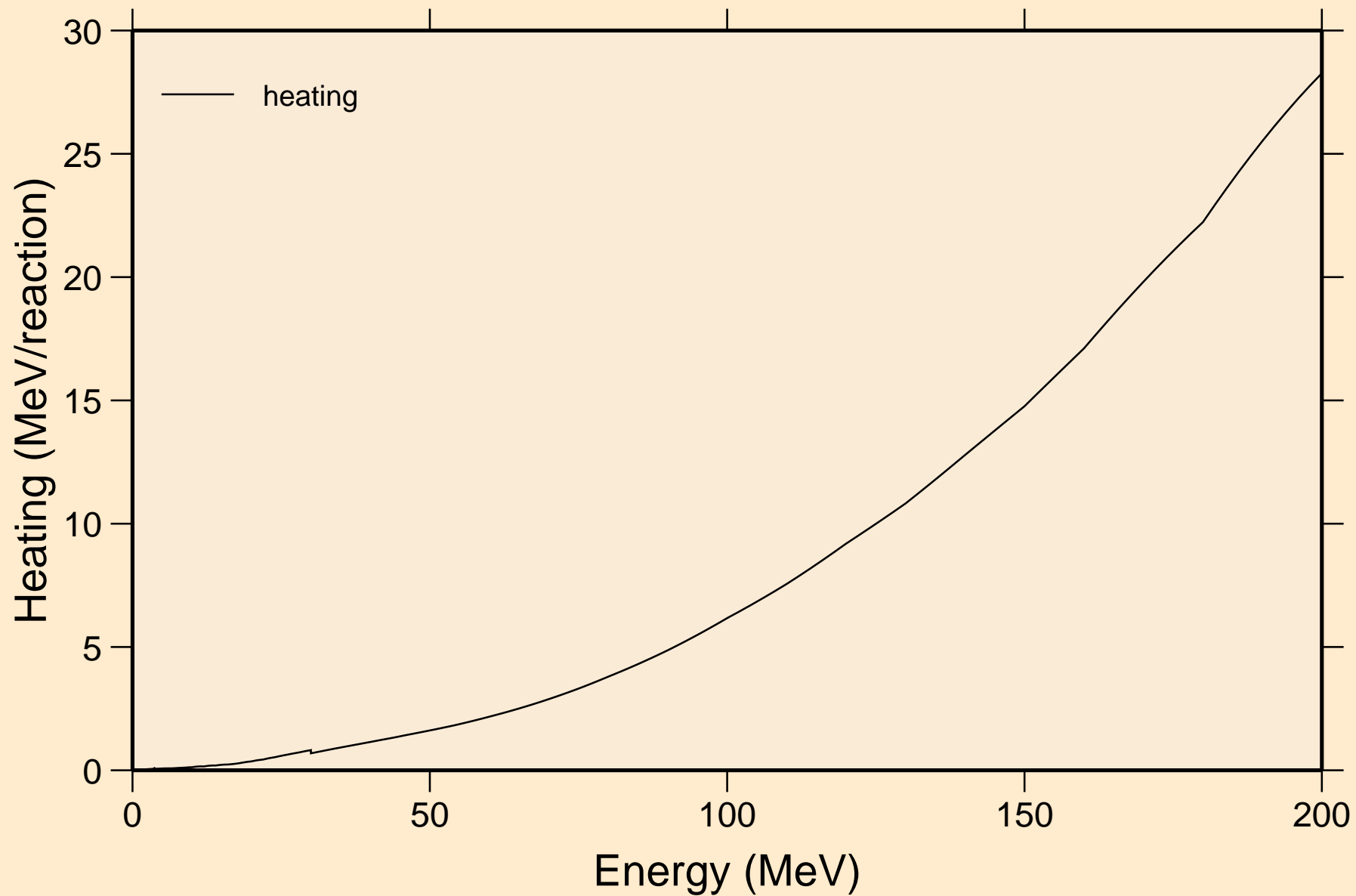


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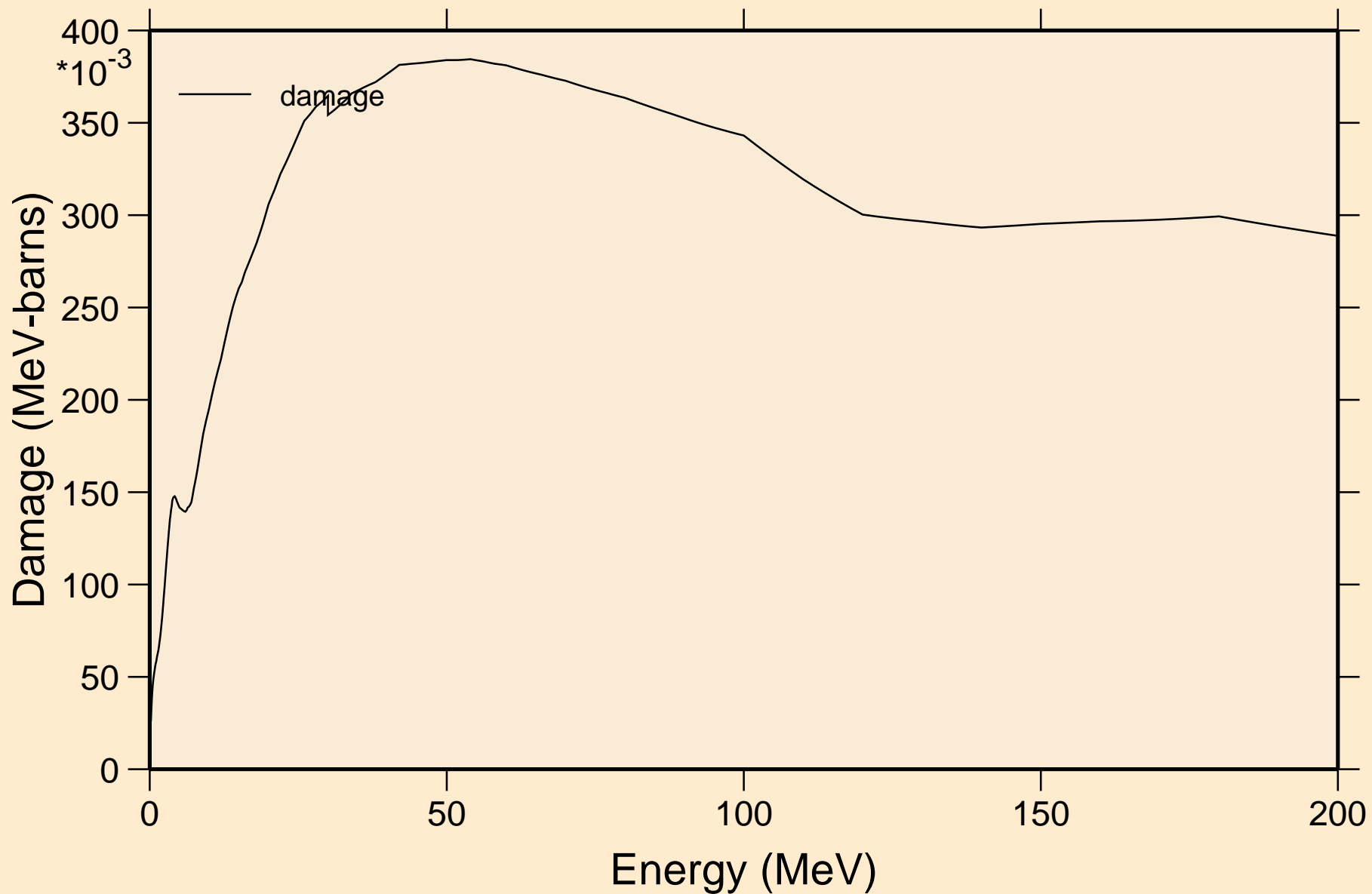
## Principal cross sections



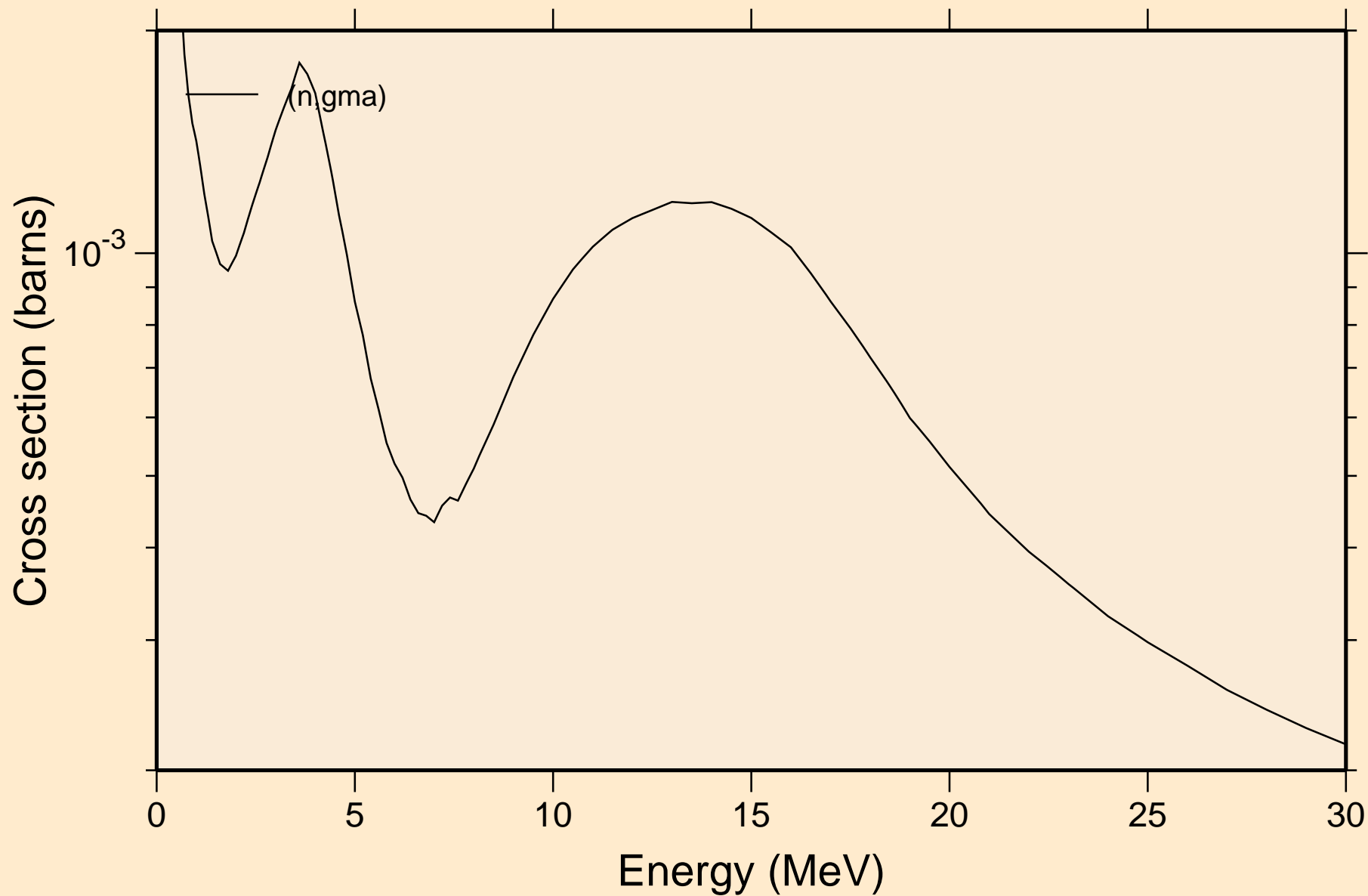
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



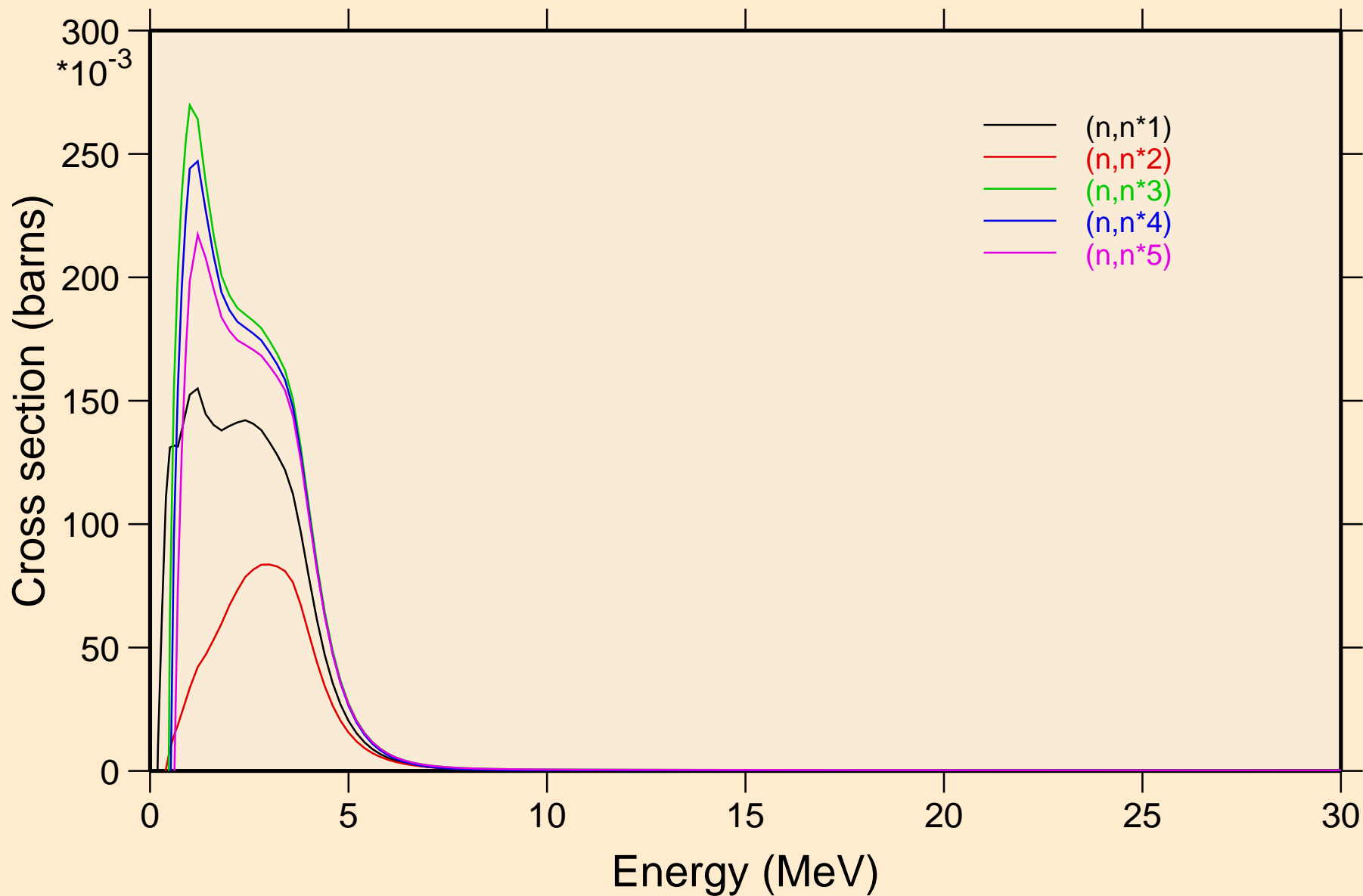
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Damage



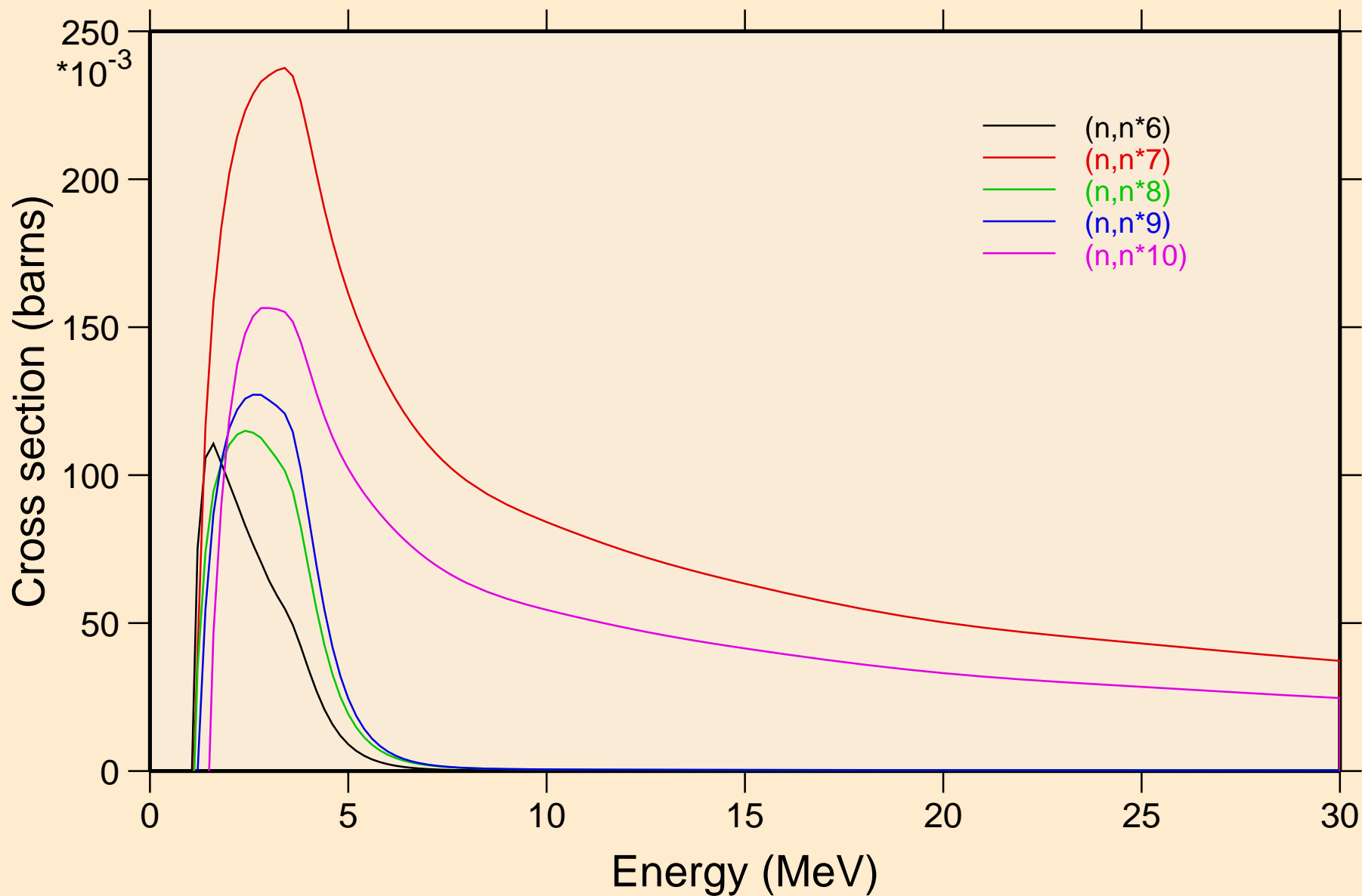
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

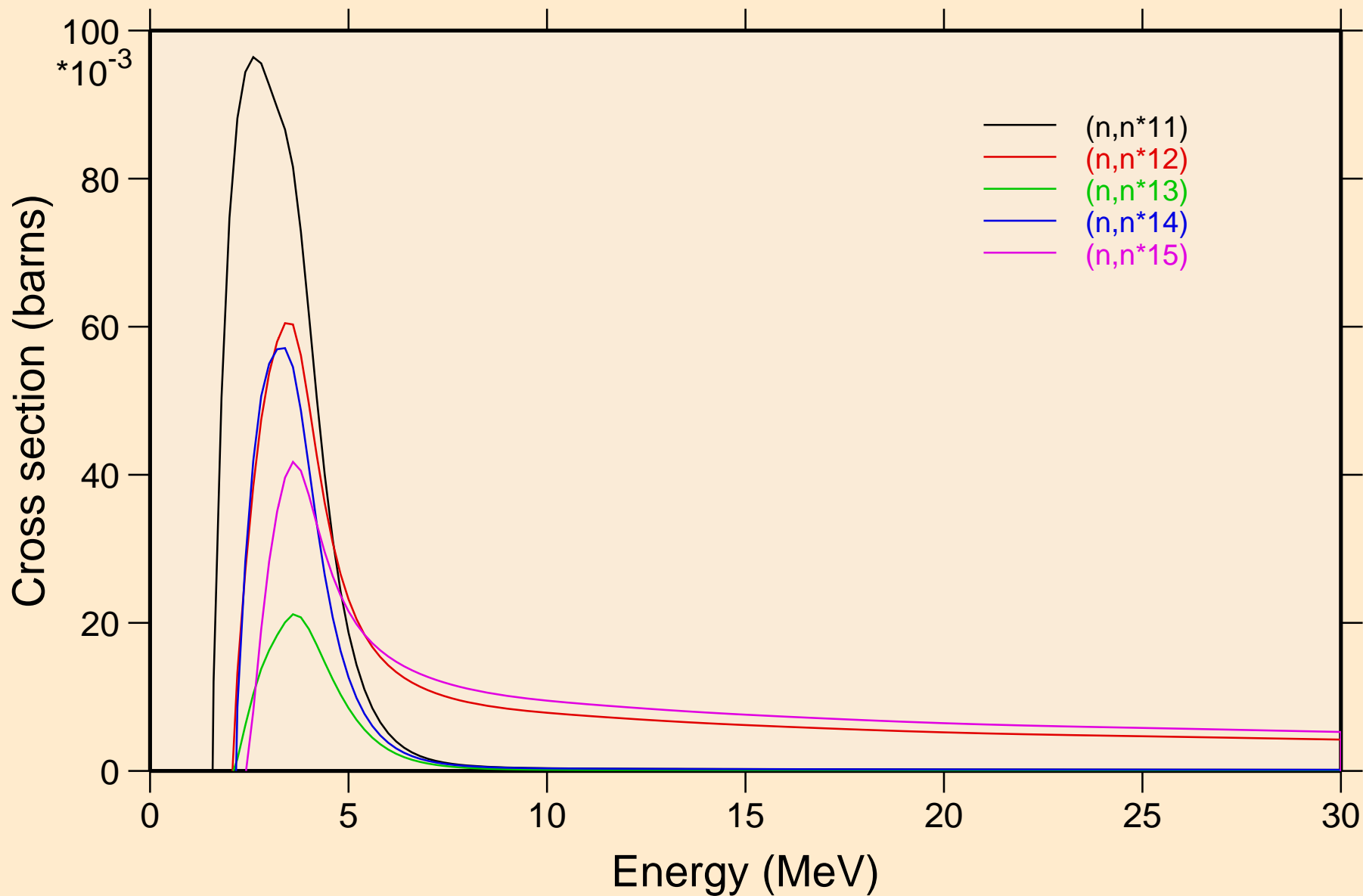


GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

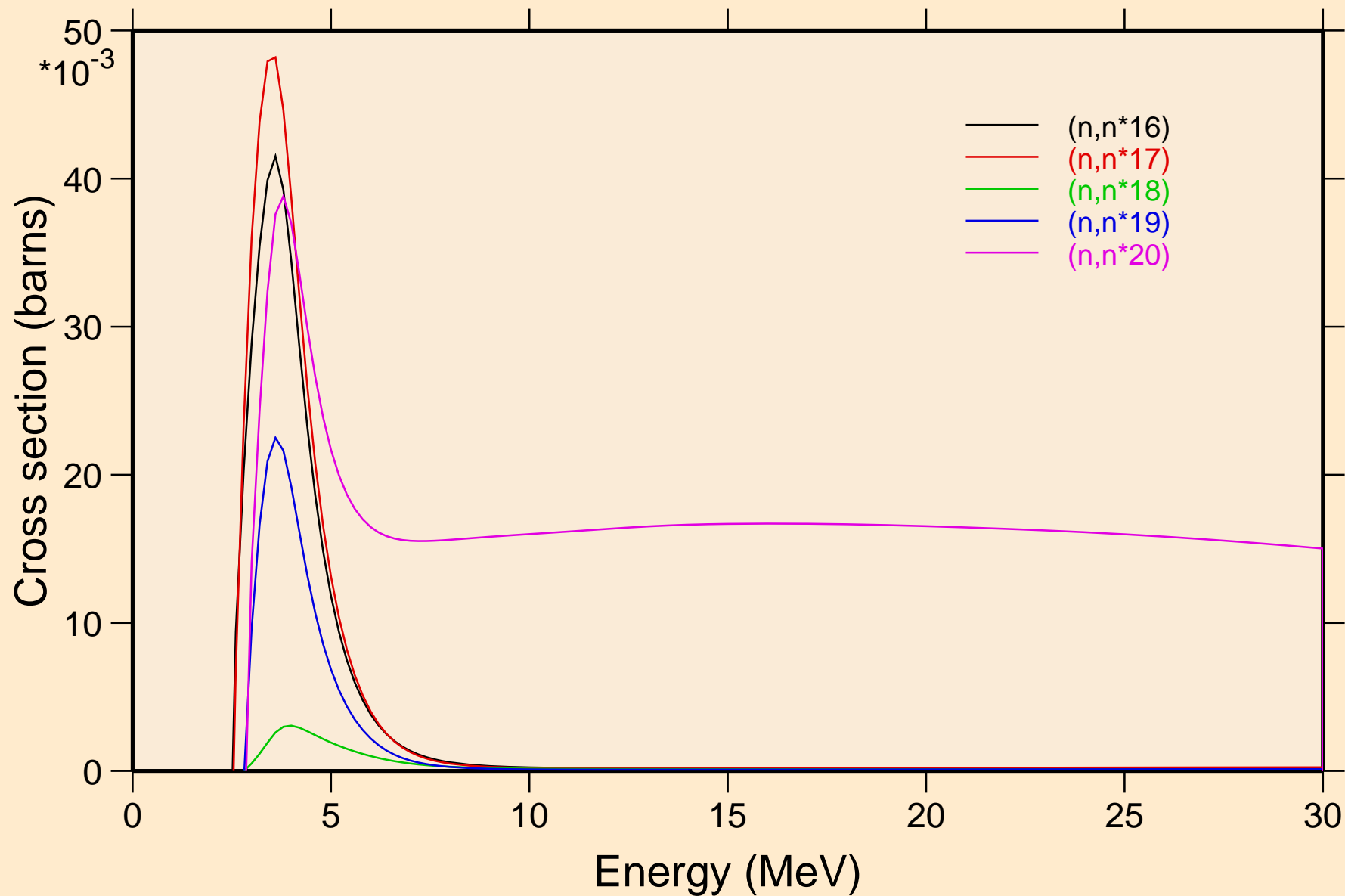




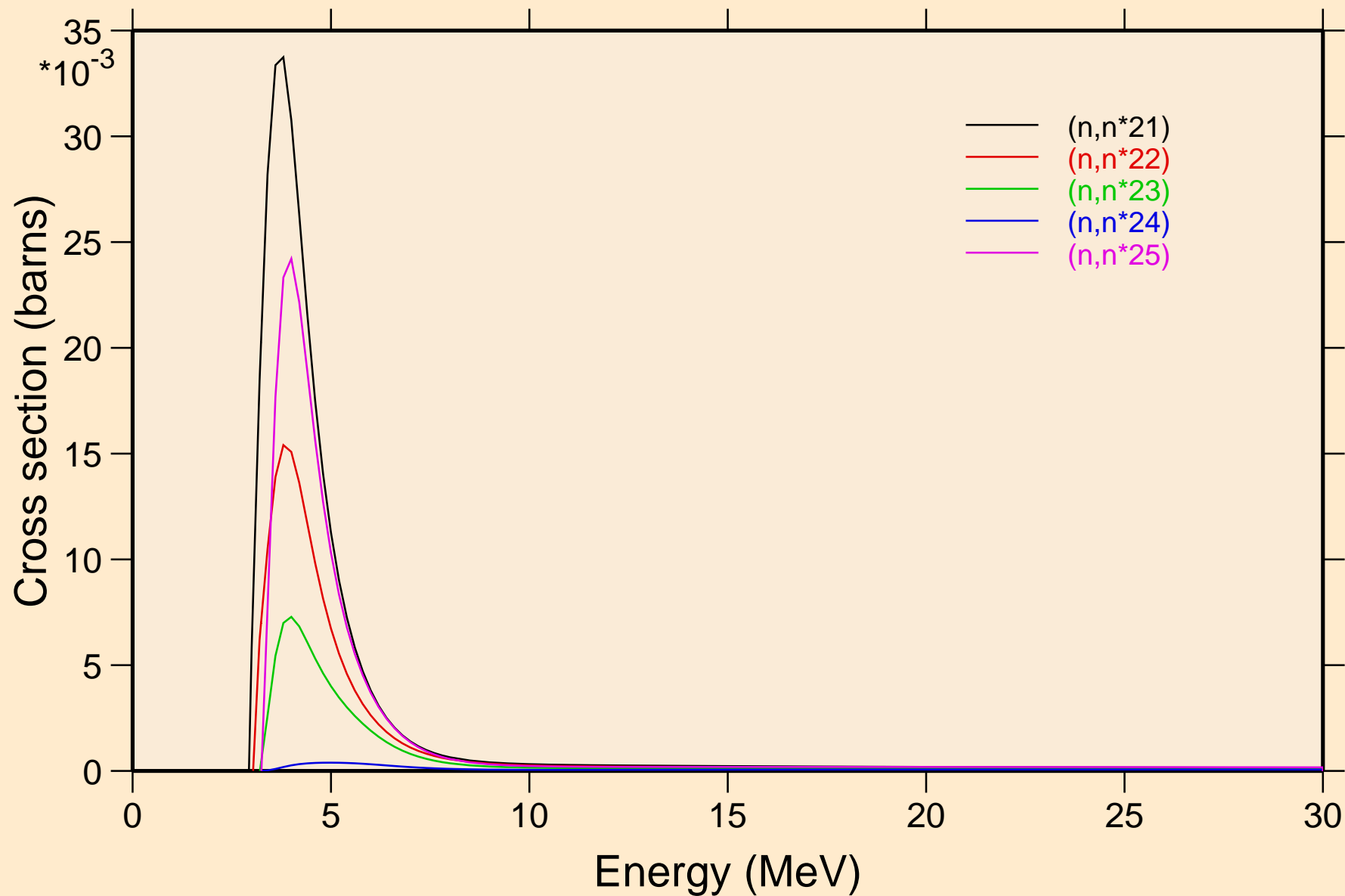
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



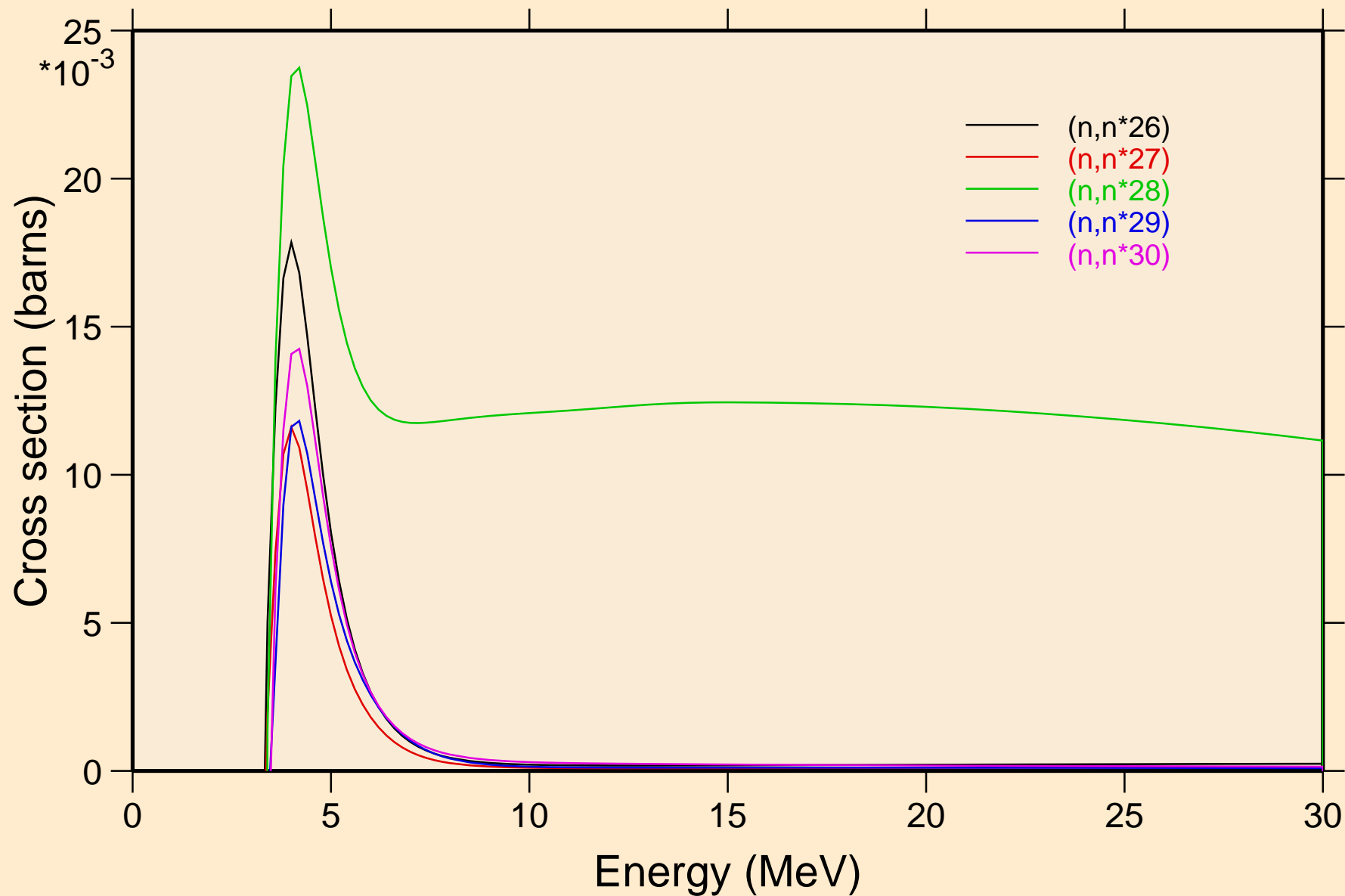
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

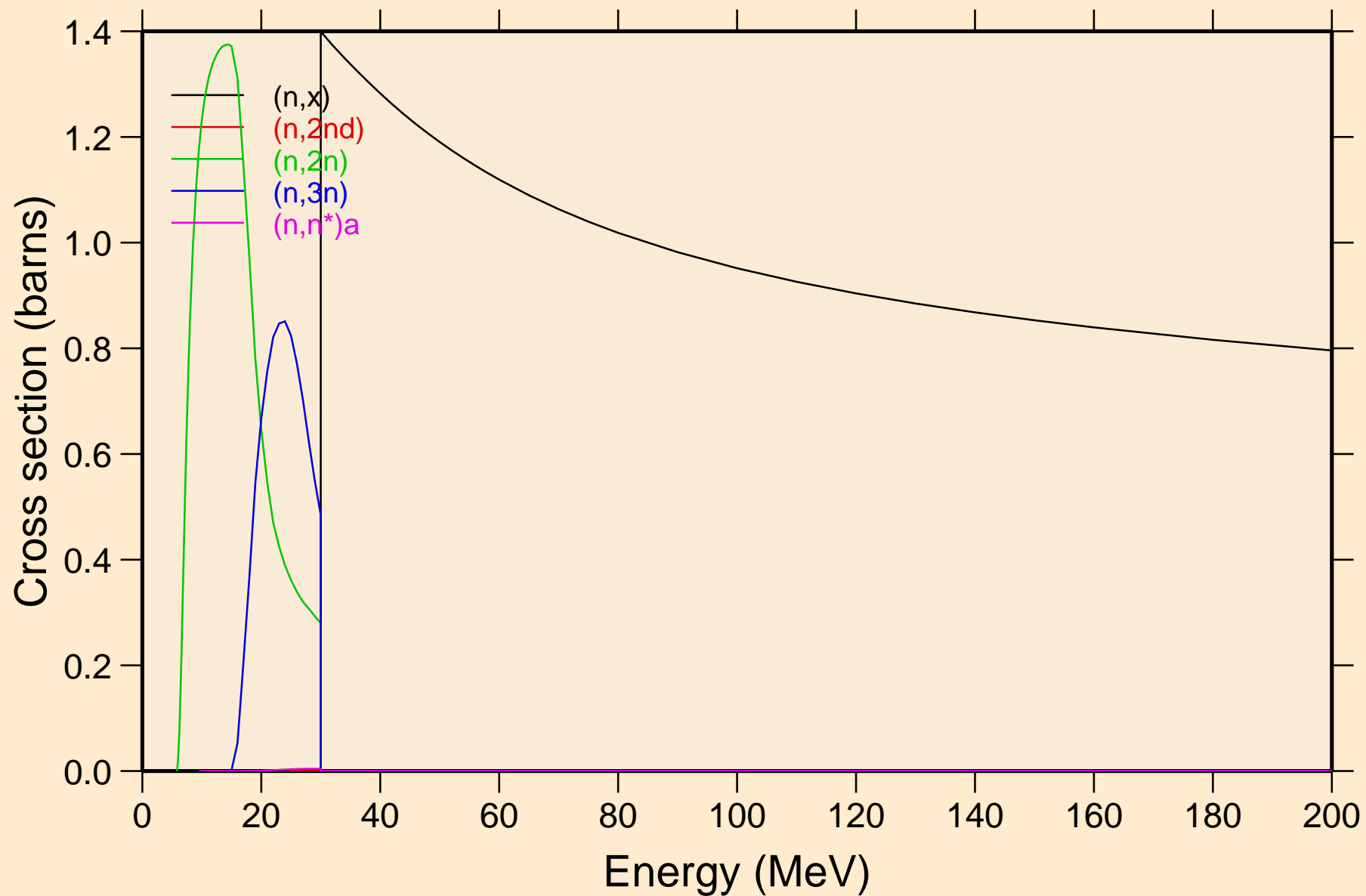


GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

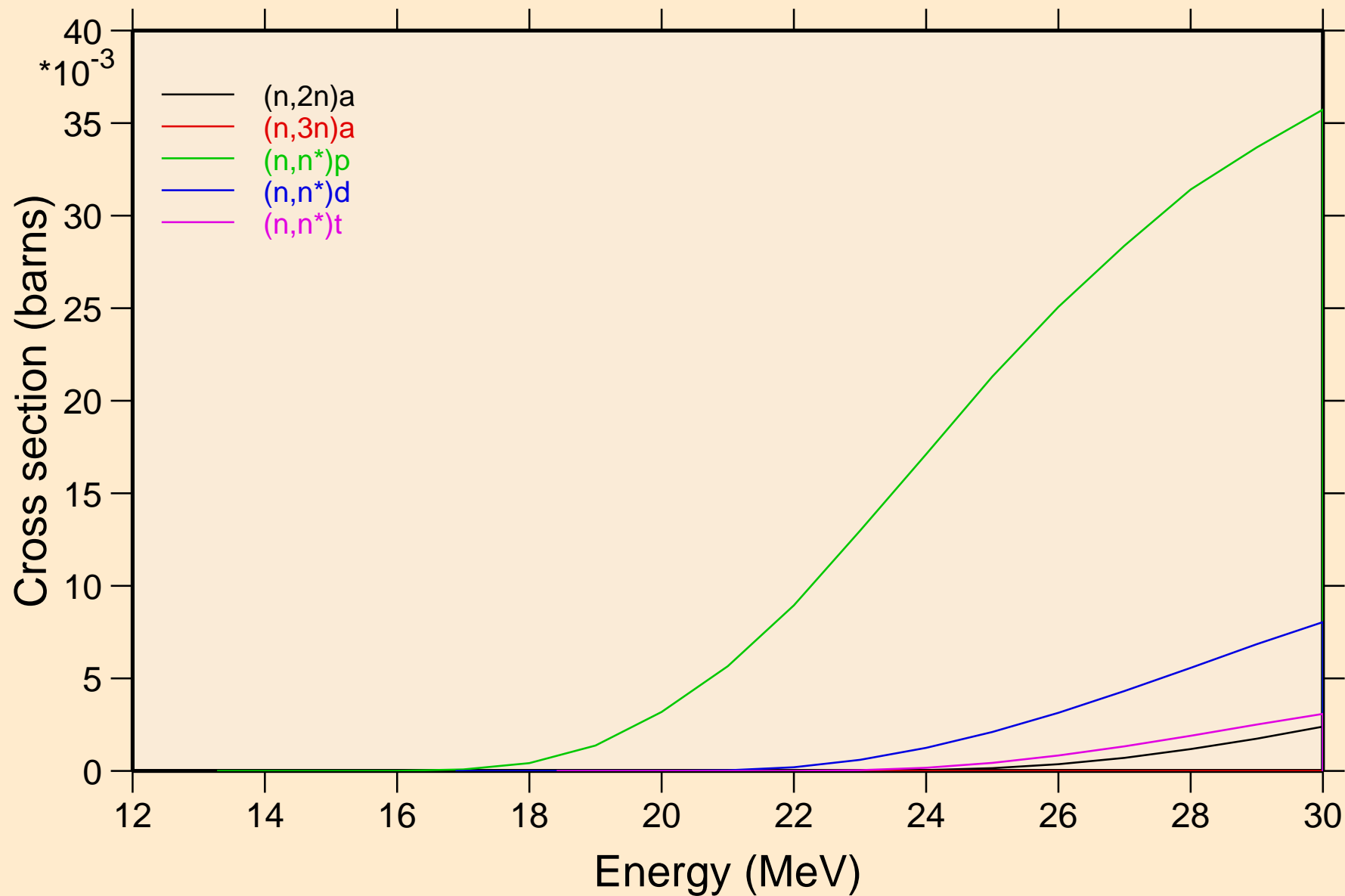


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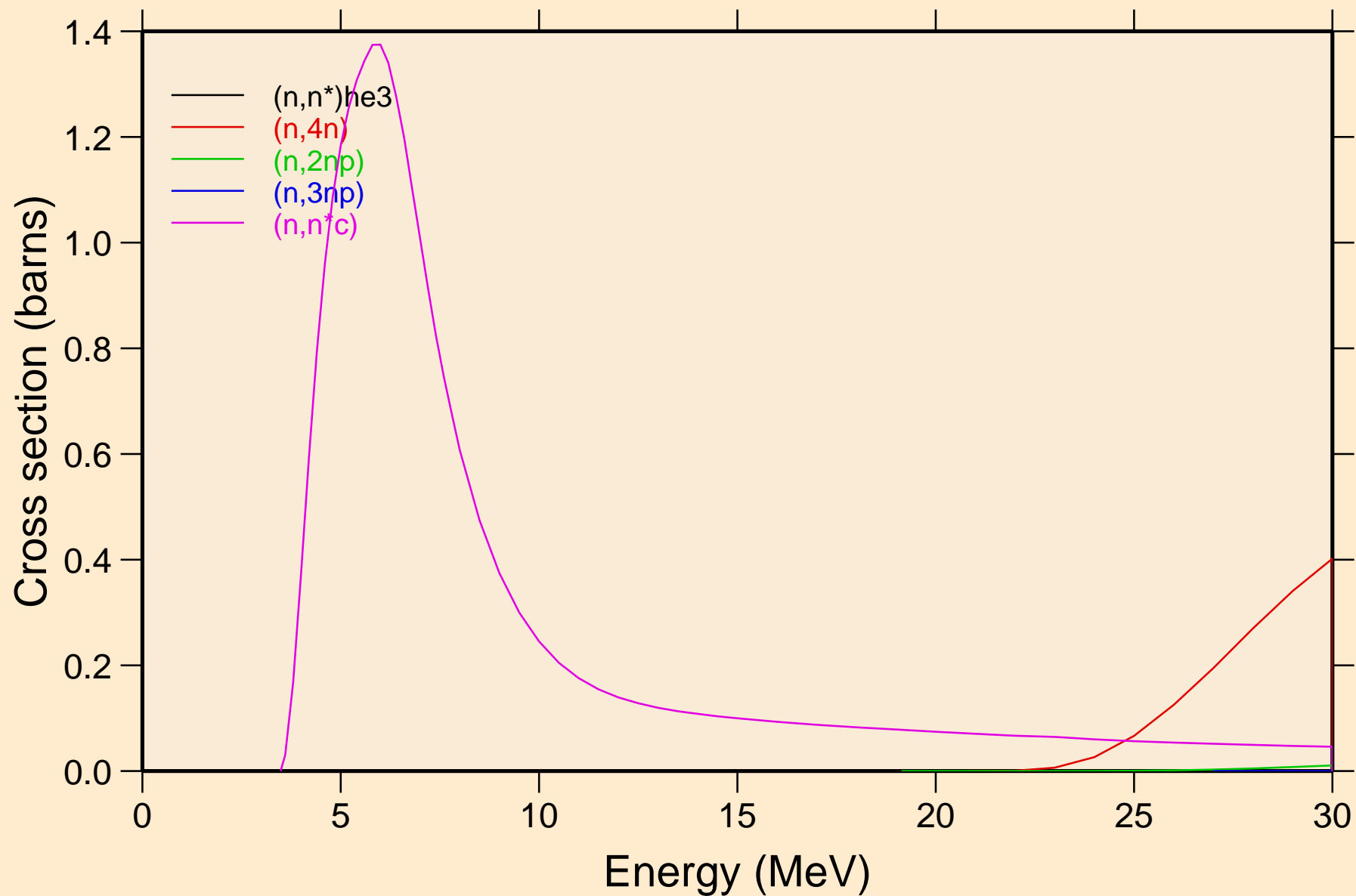
## Threshold reactions



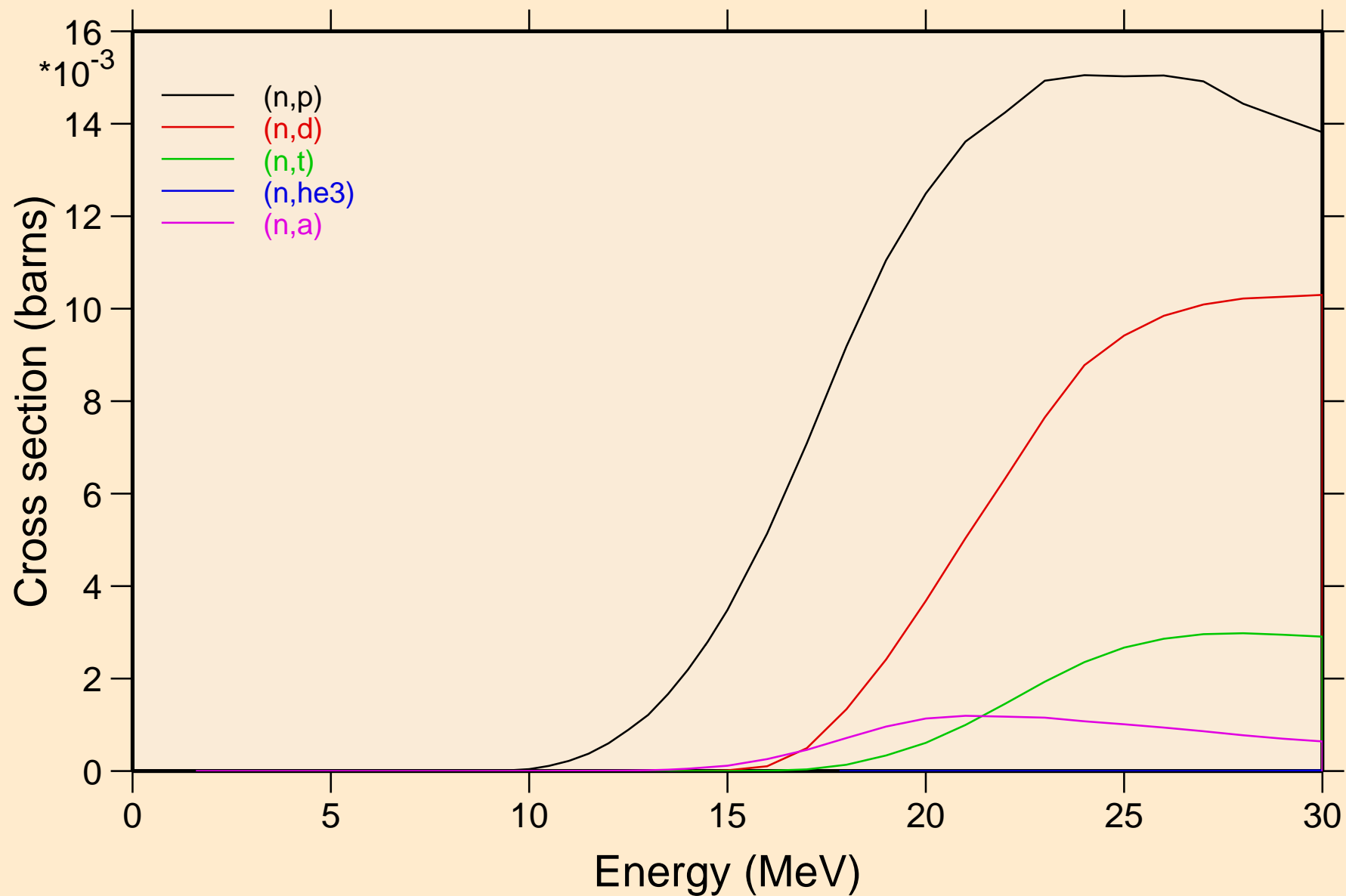
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

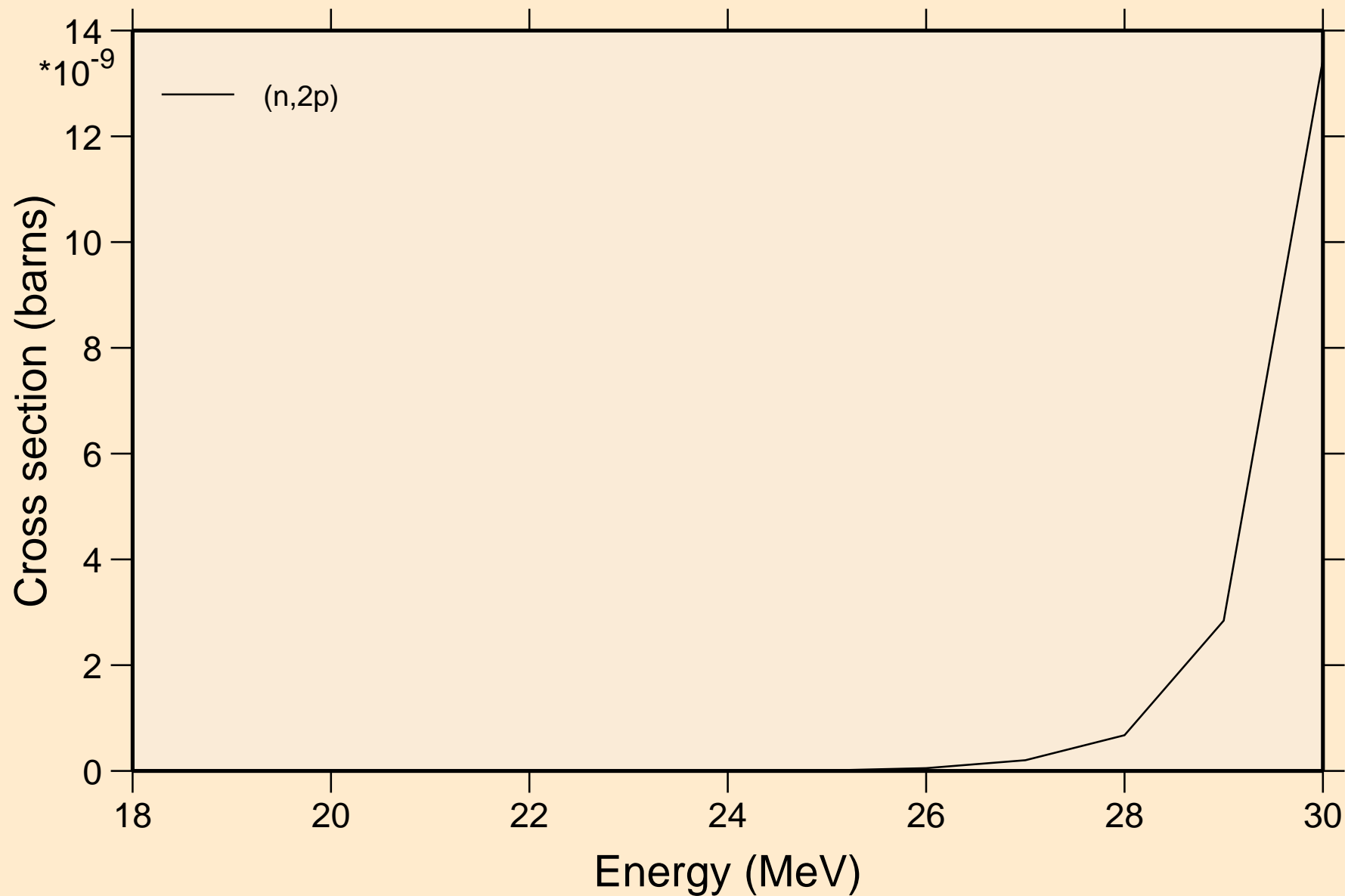


GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

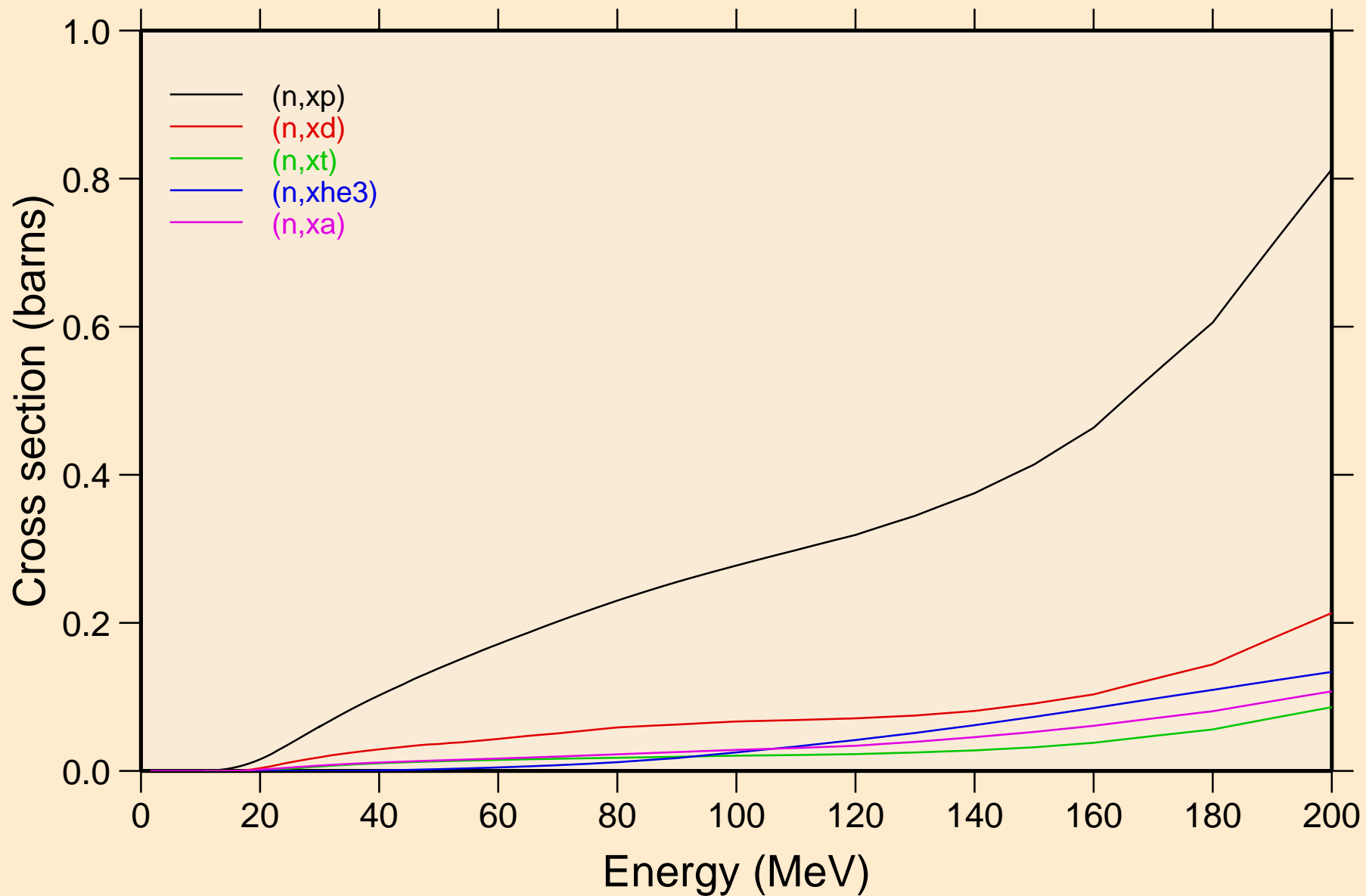




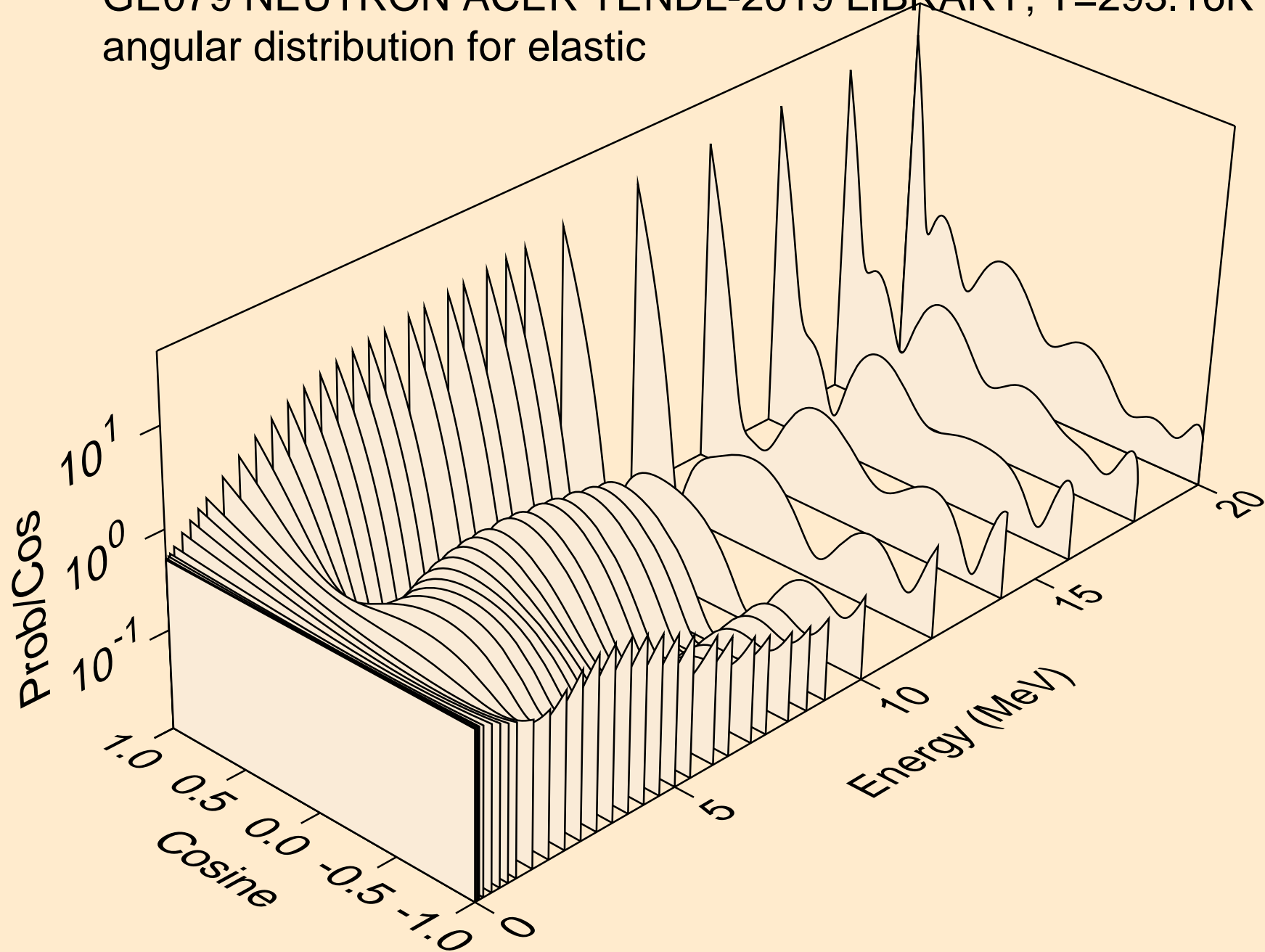
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Threshold reactions



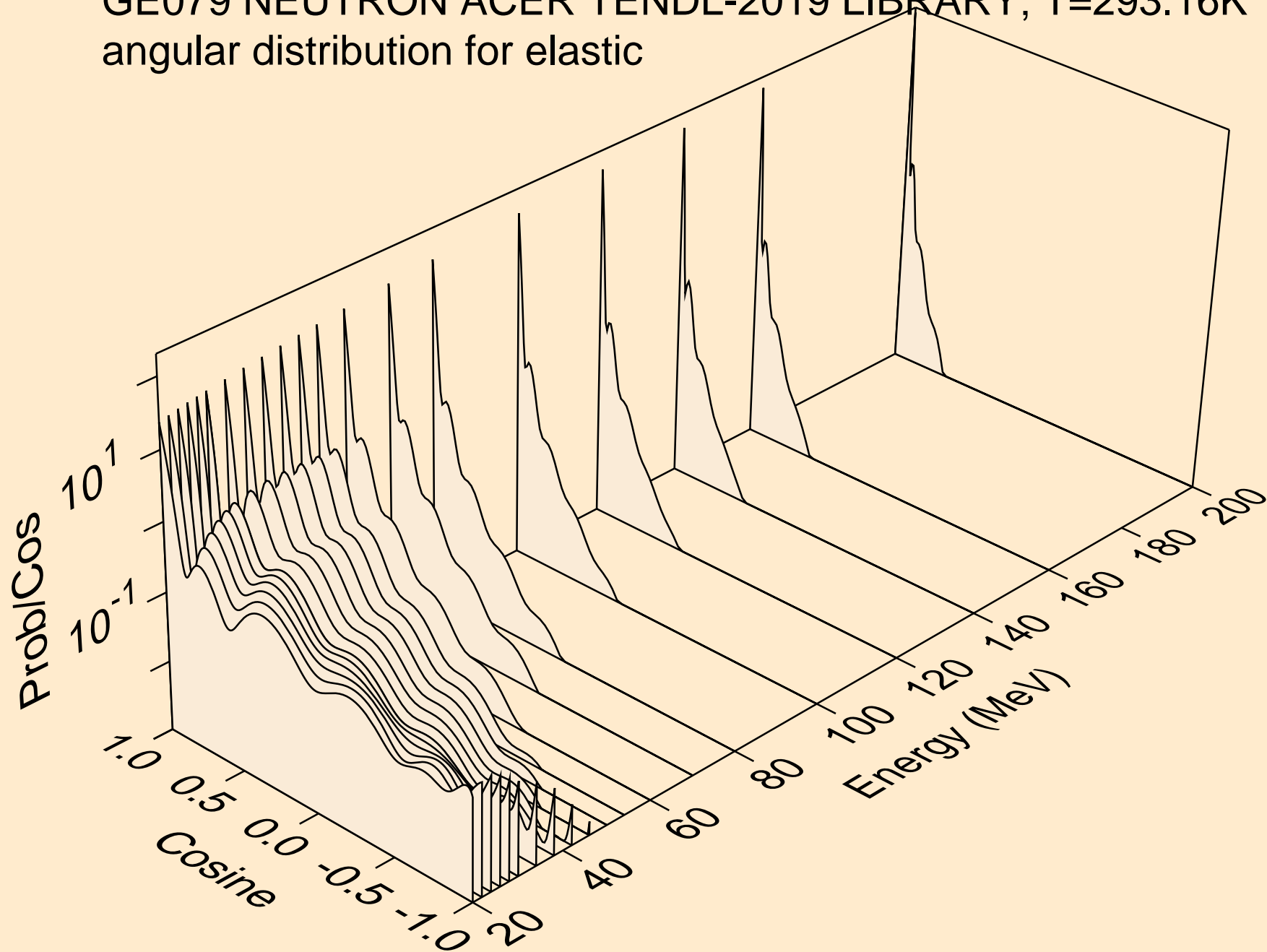
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Threshold reactions



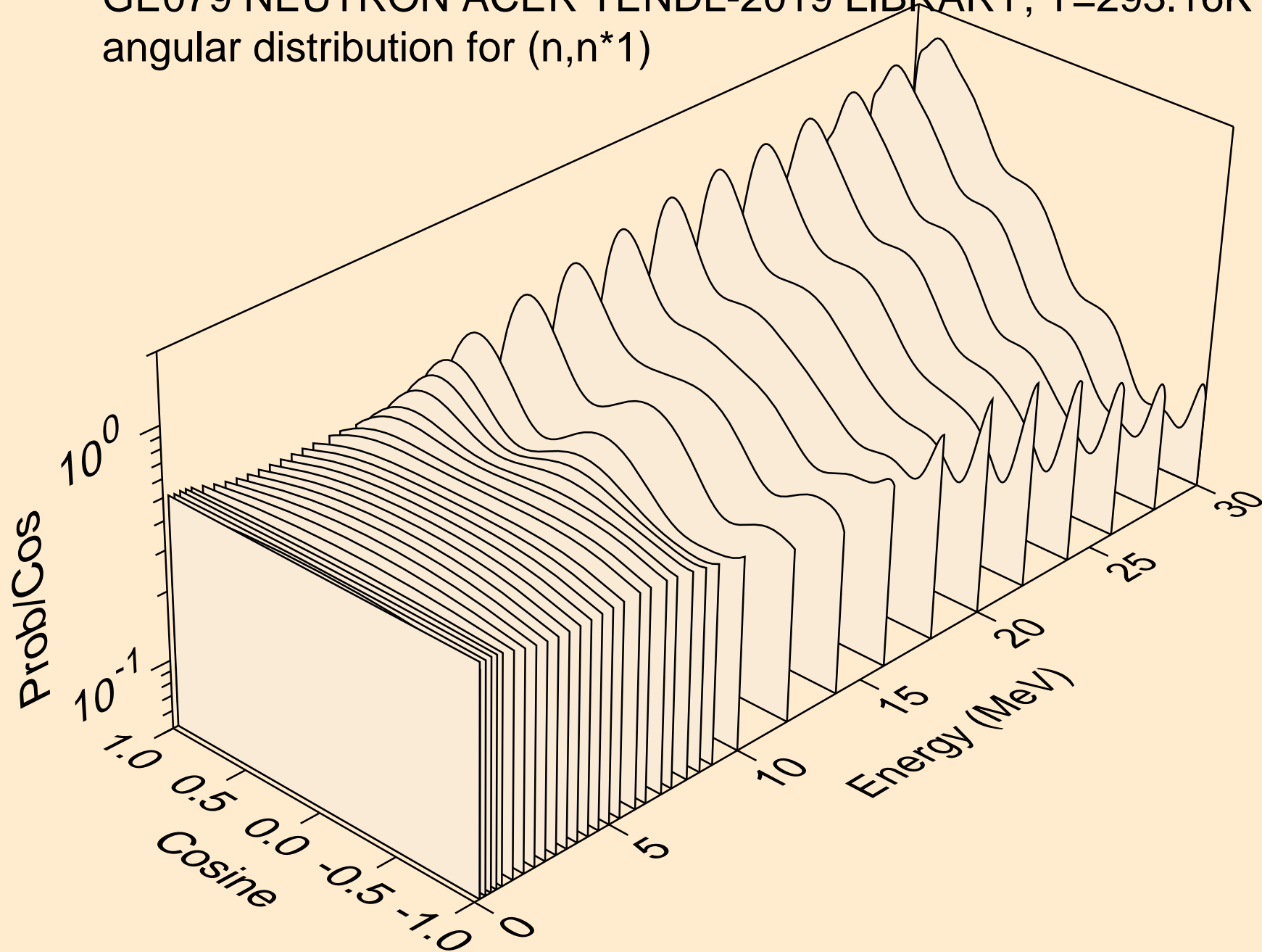
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angular distribution for elastic



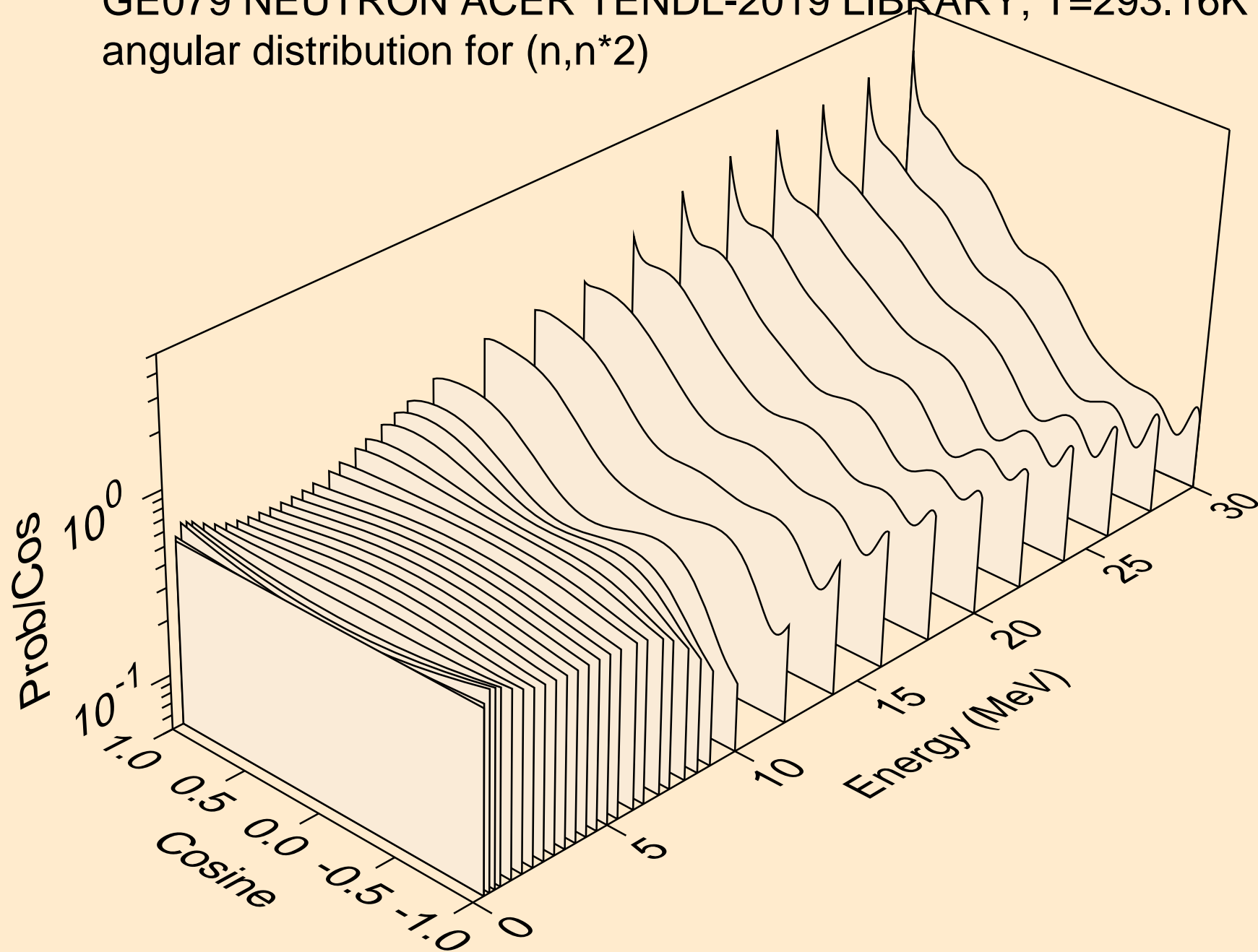
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angular distribution for elastic



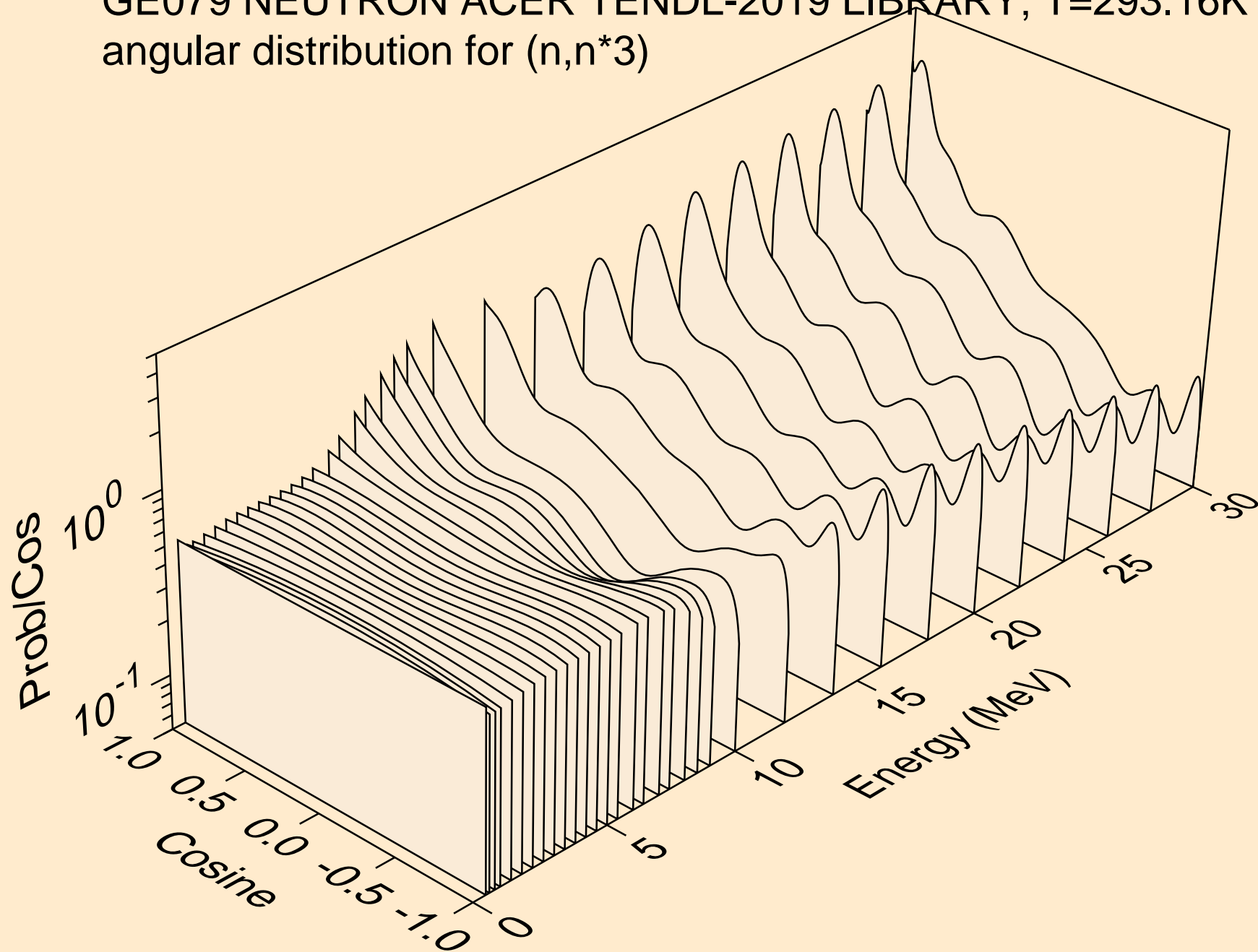
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angular distribution for (n,n\*1)



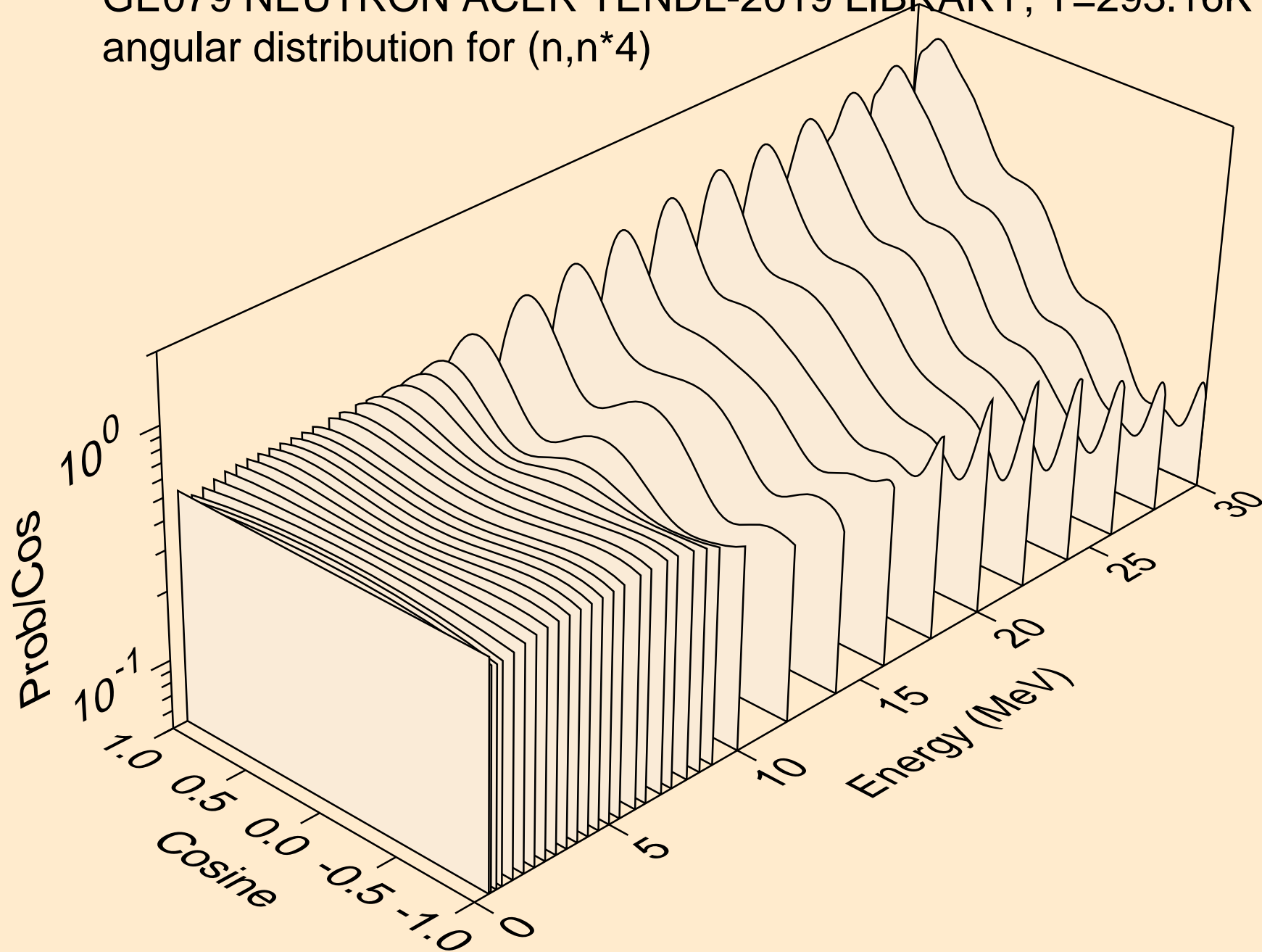
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)

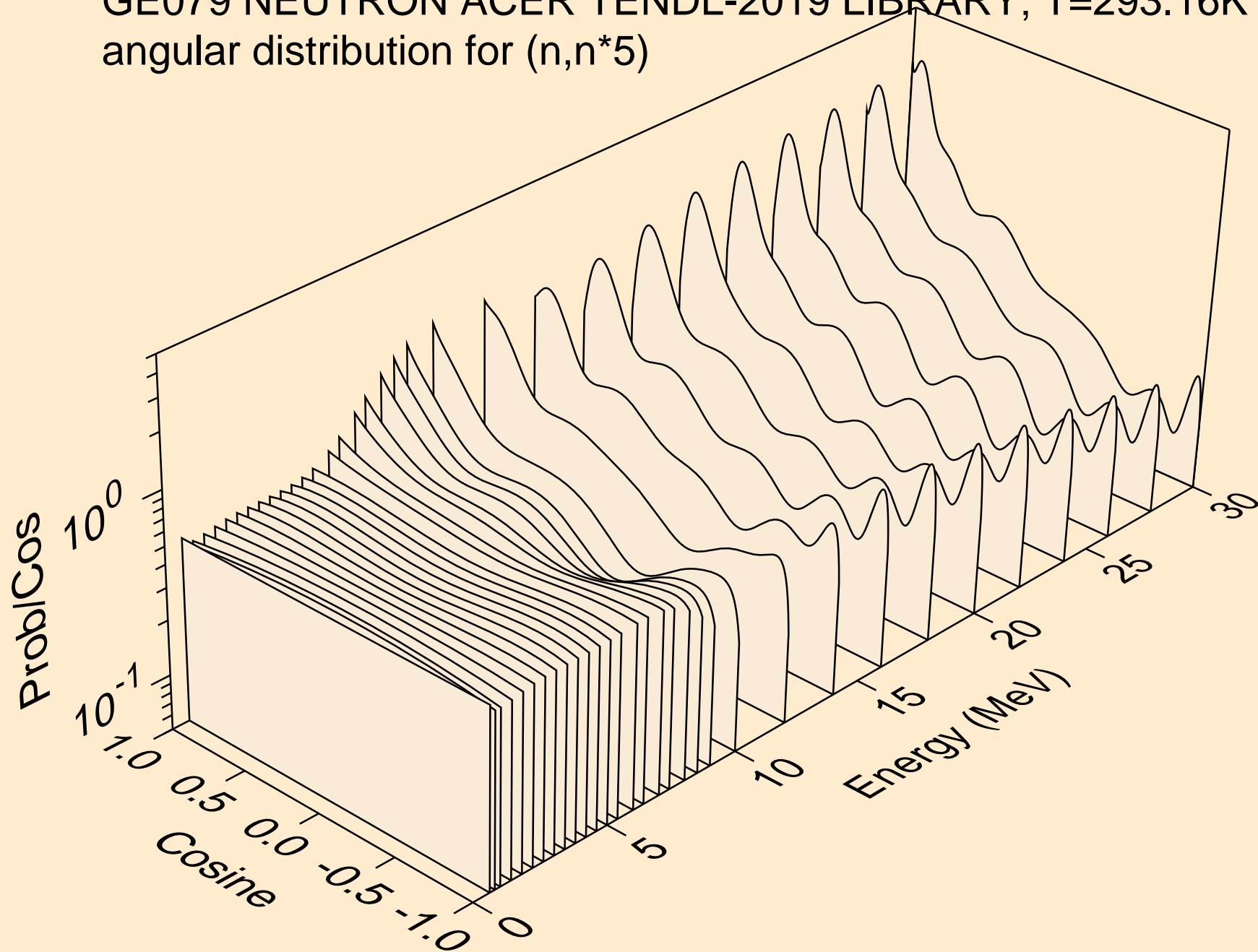


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angular distribution for (n,n\*4)

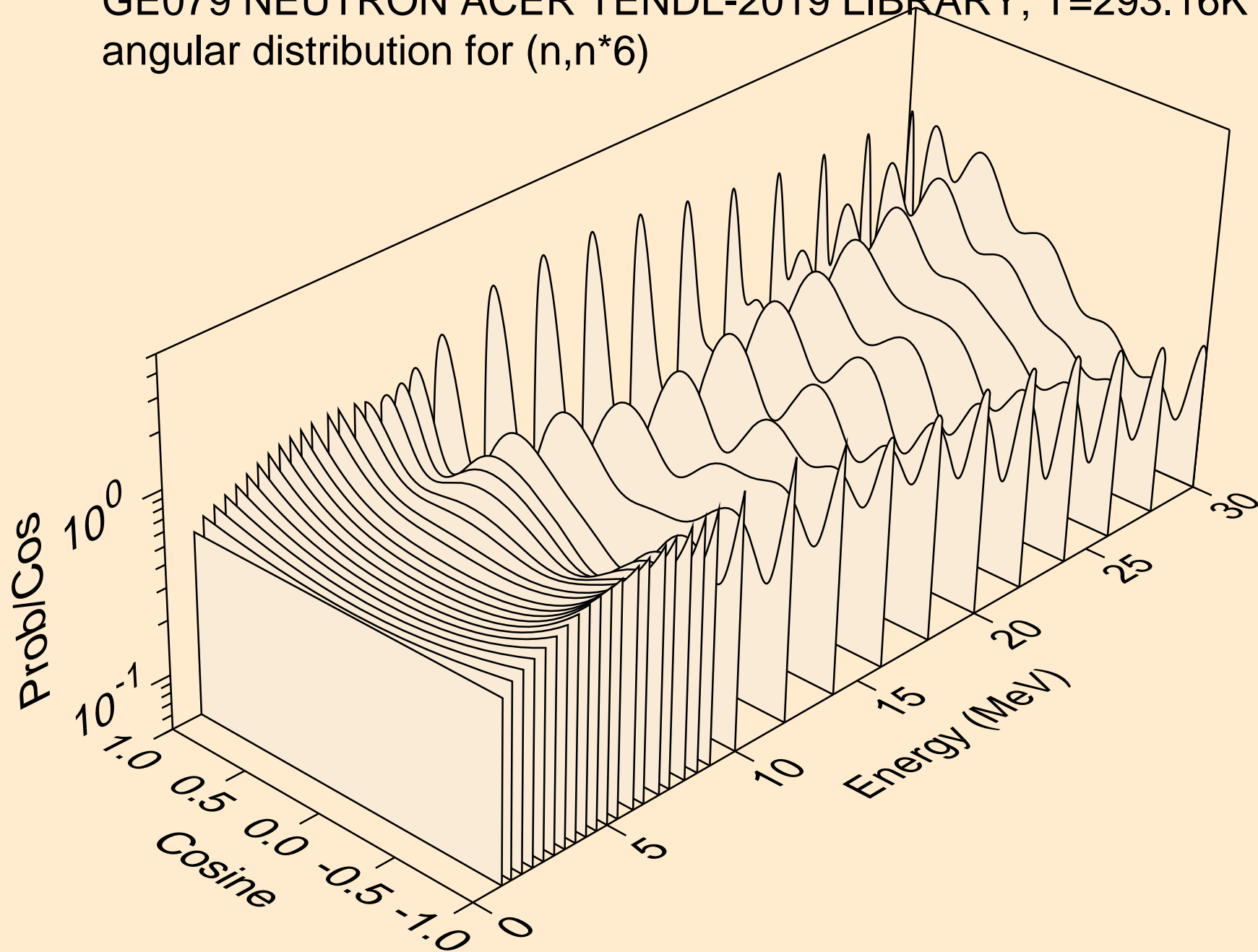




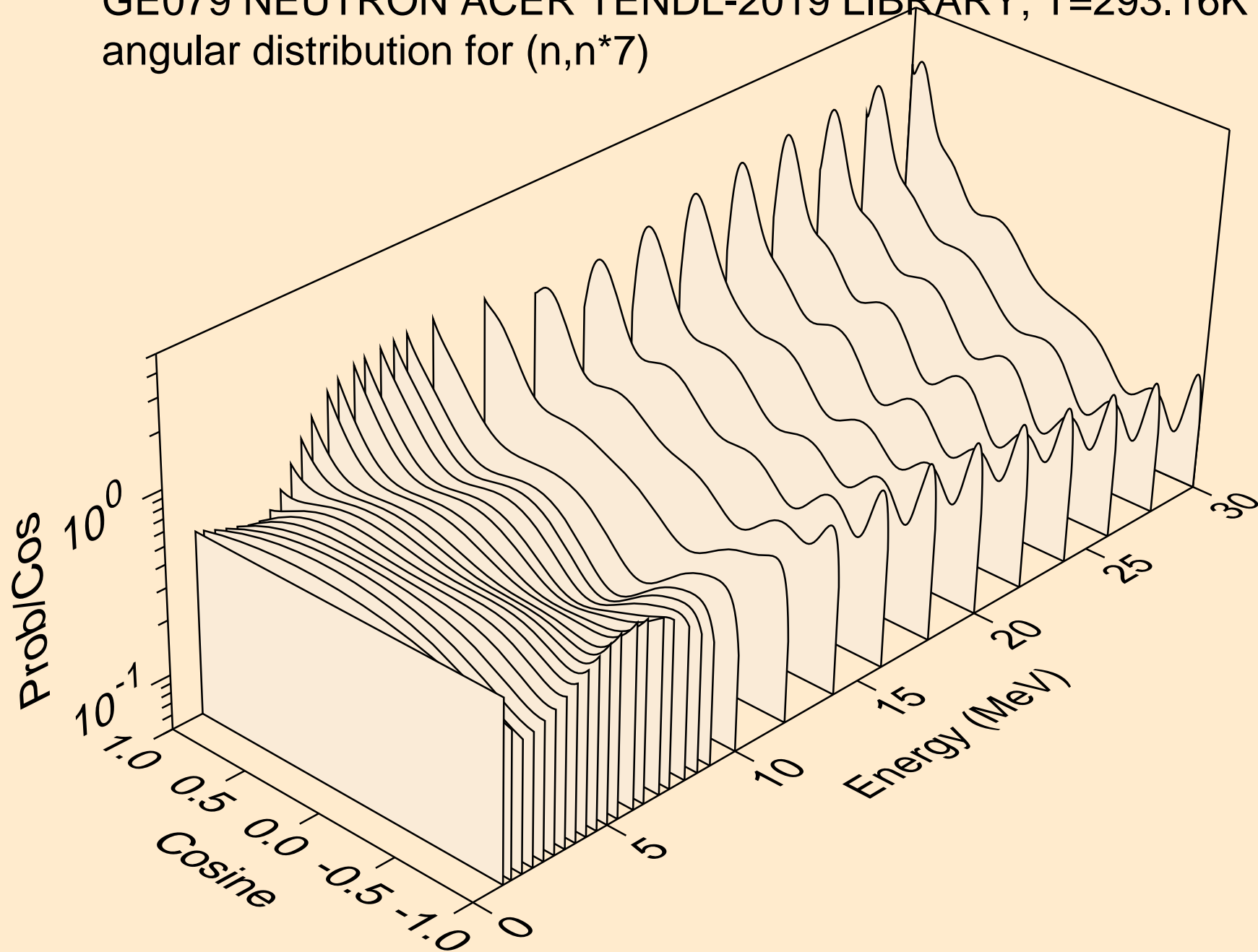
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angular distribution for (n,n\*5)



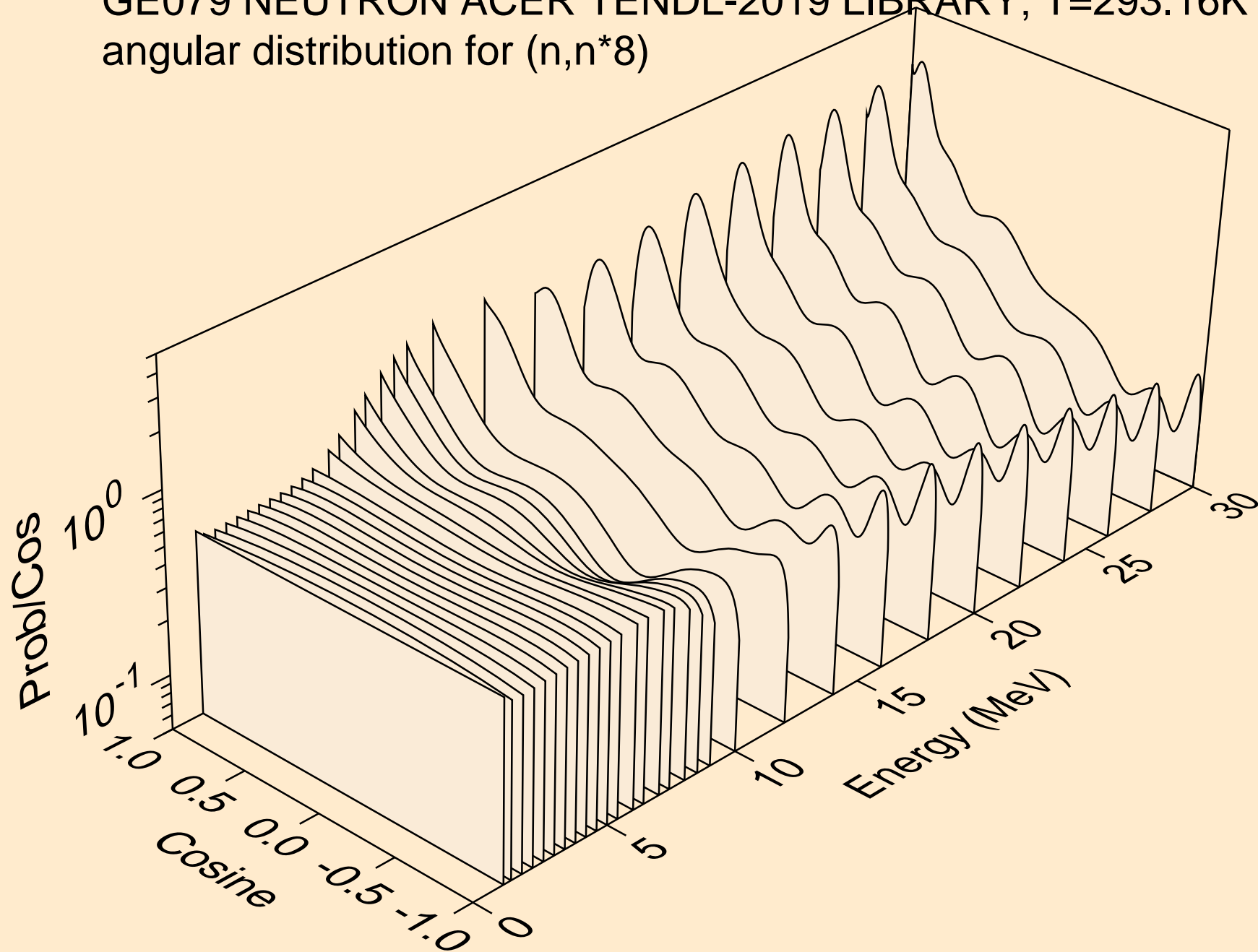
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angular distribution for (n,n\*6)



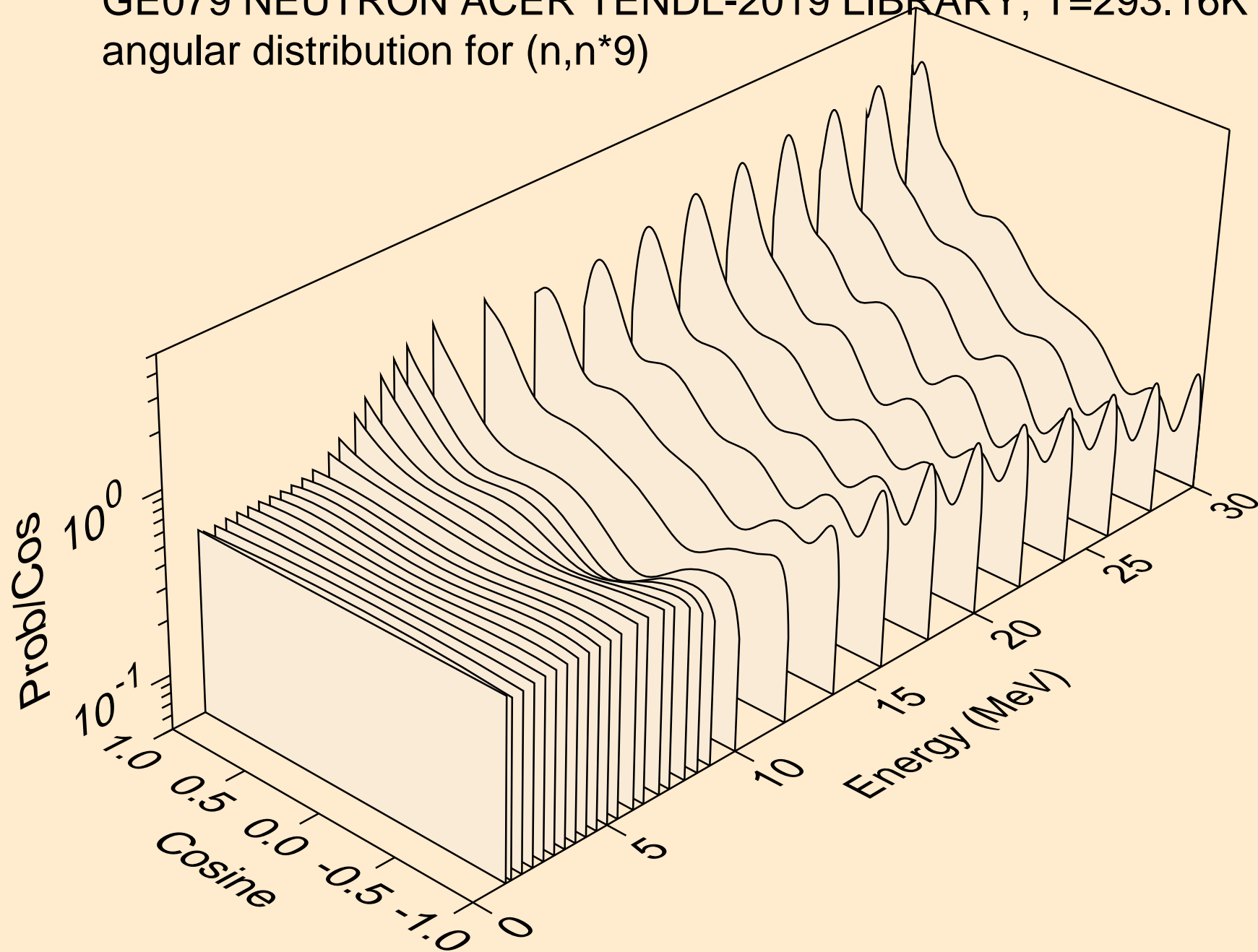
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angular distribution for (n,n\*7)



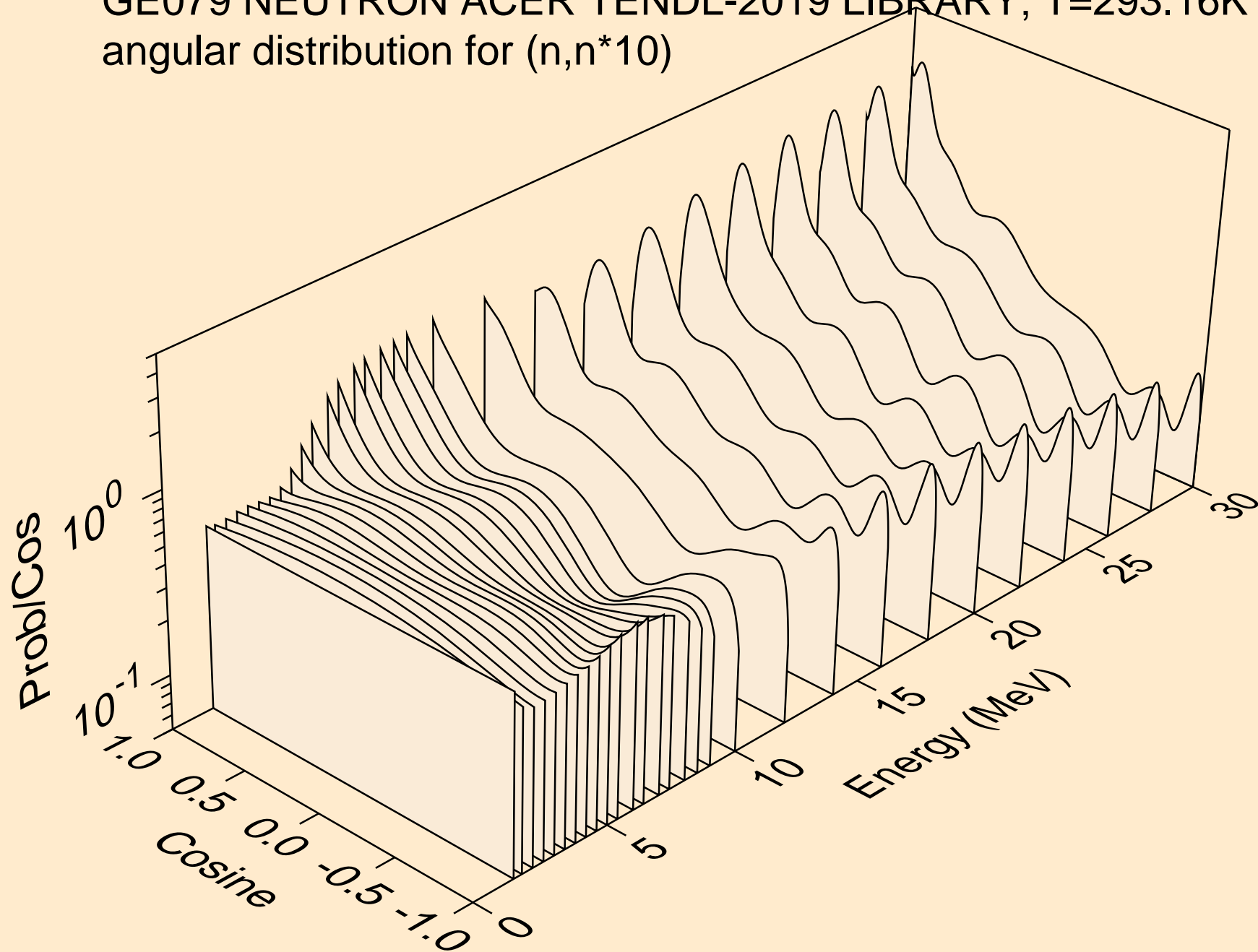
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angular distribution for (n,n\*8)



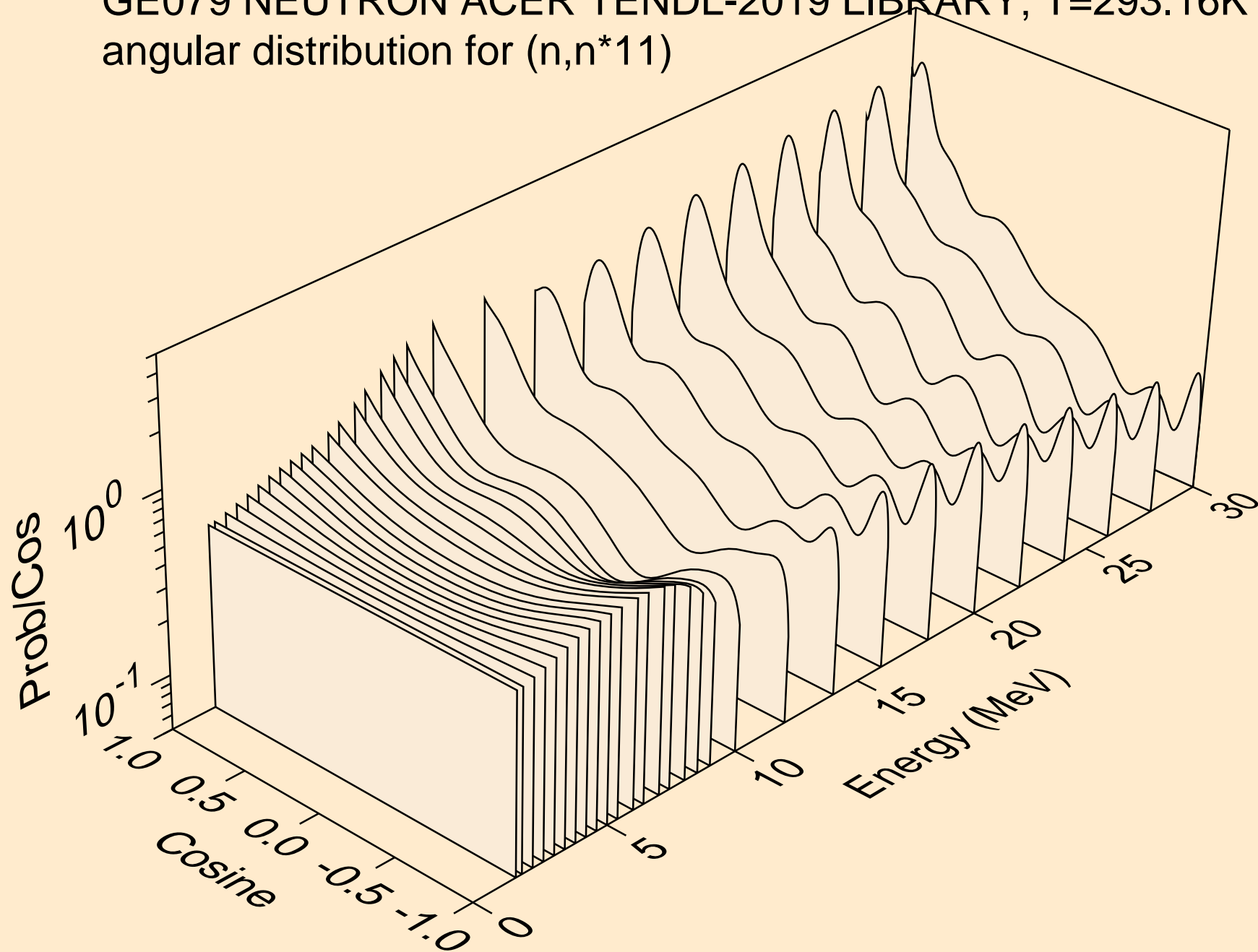
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angular distribution for (n,n\*9)



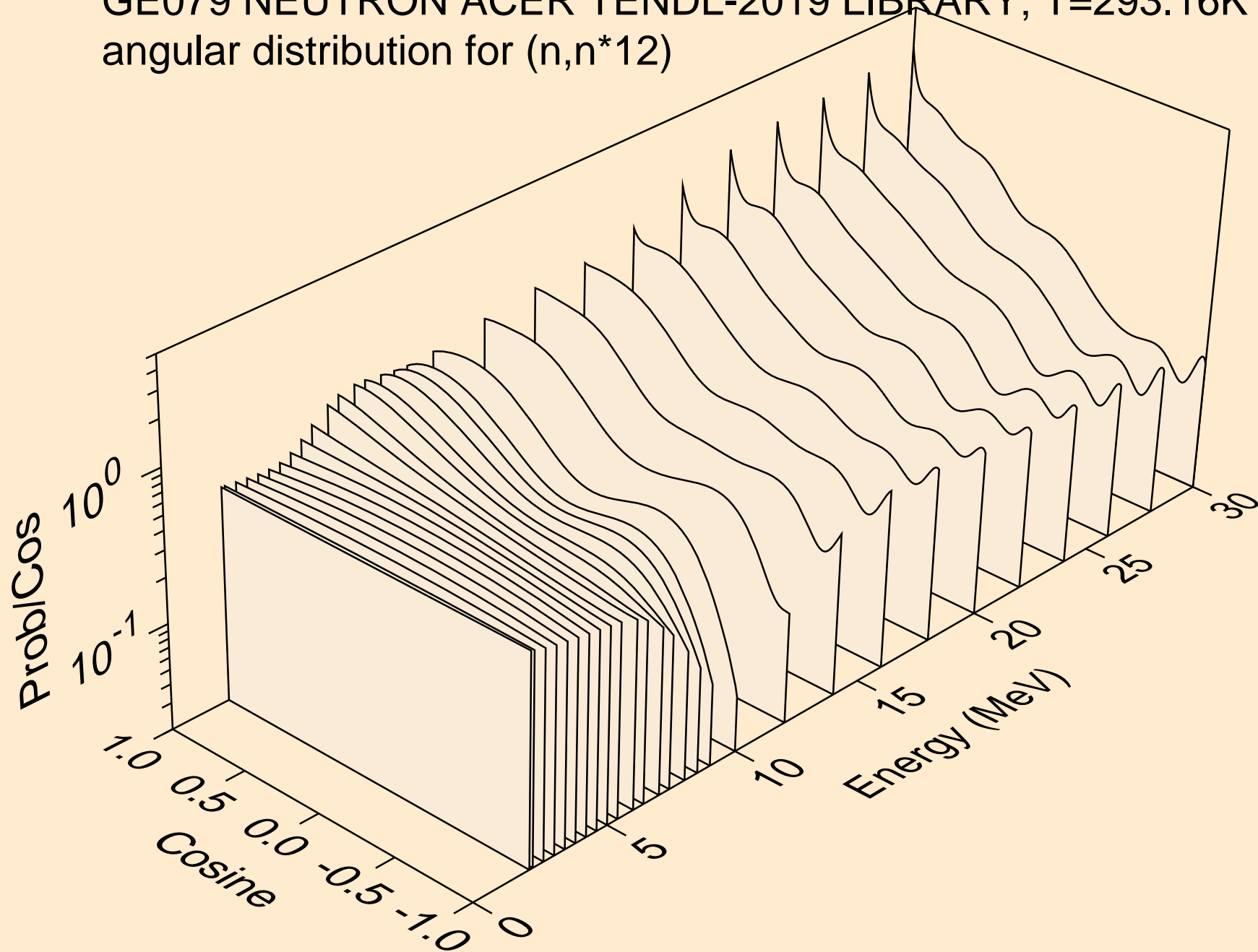
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angular distribution for (n,n\*10)



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)

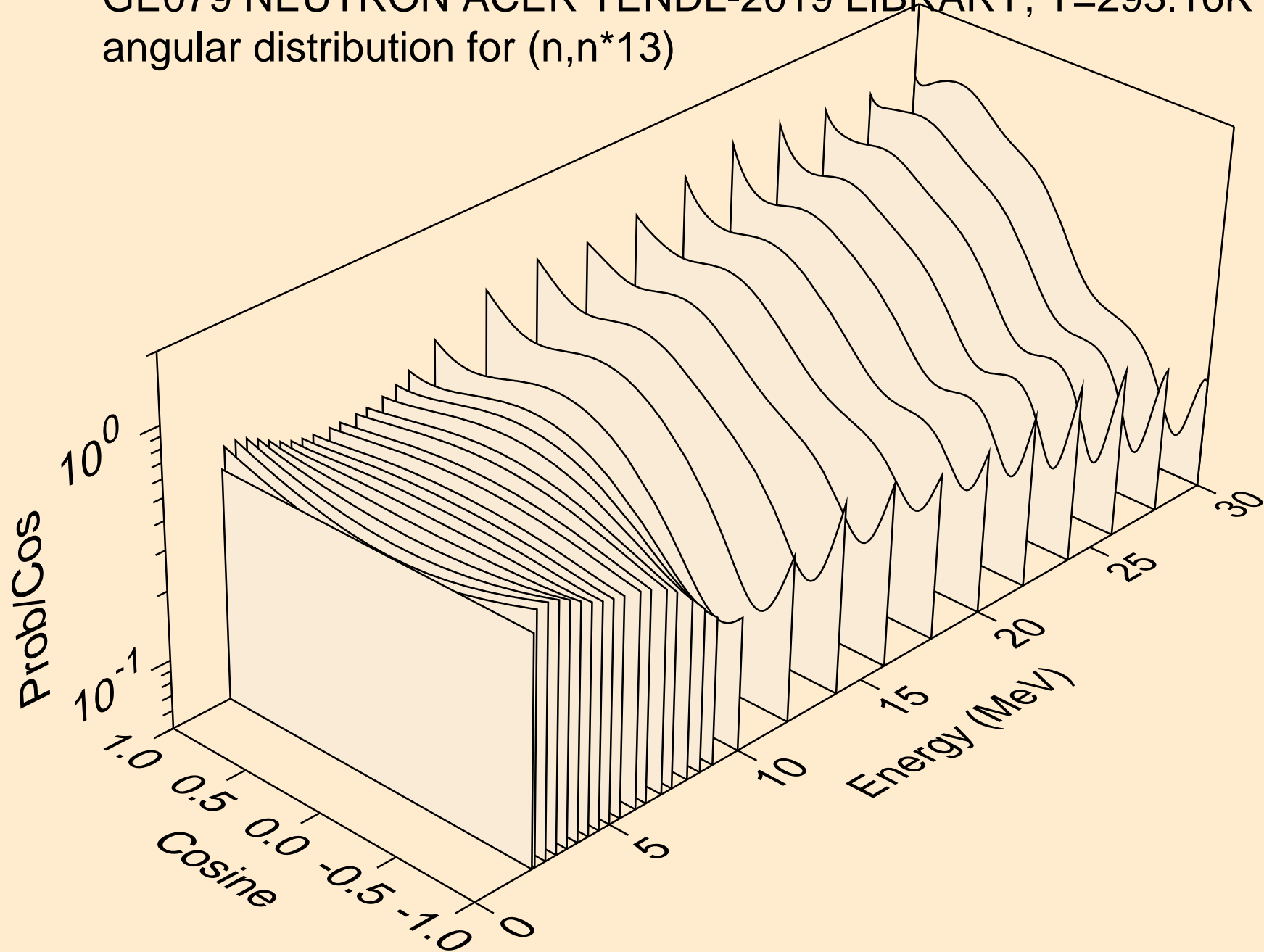


GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)

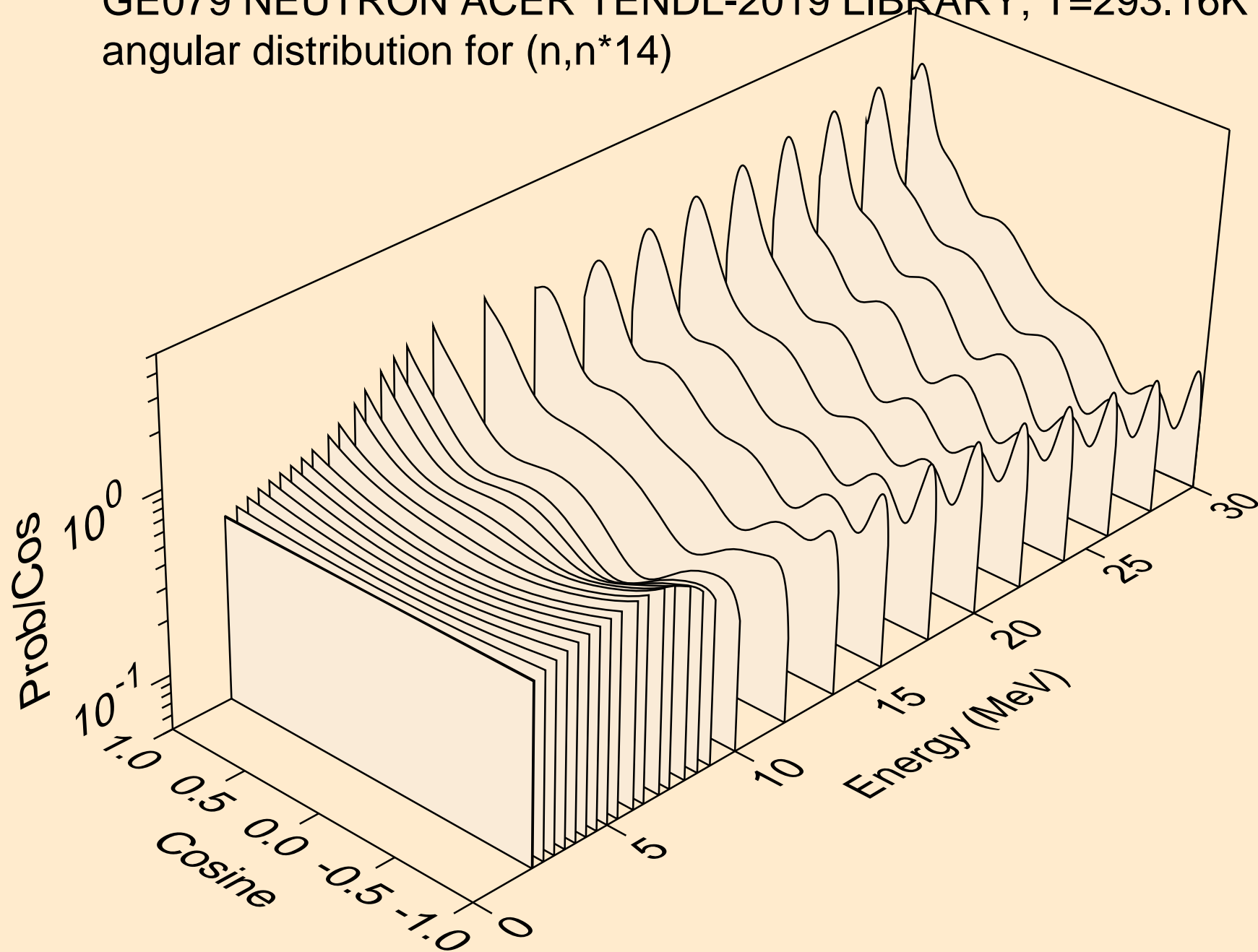




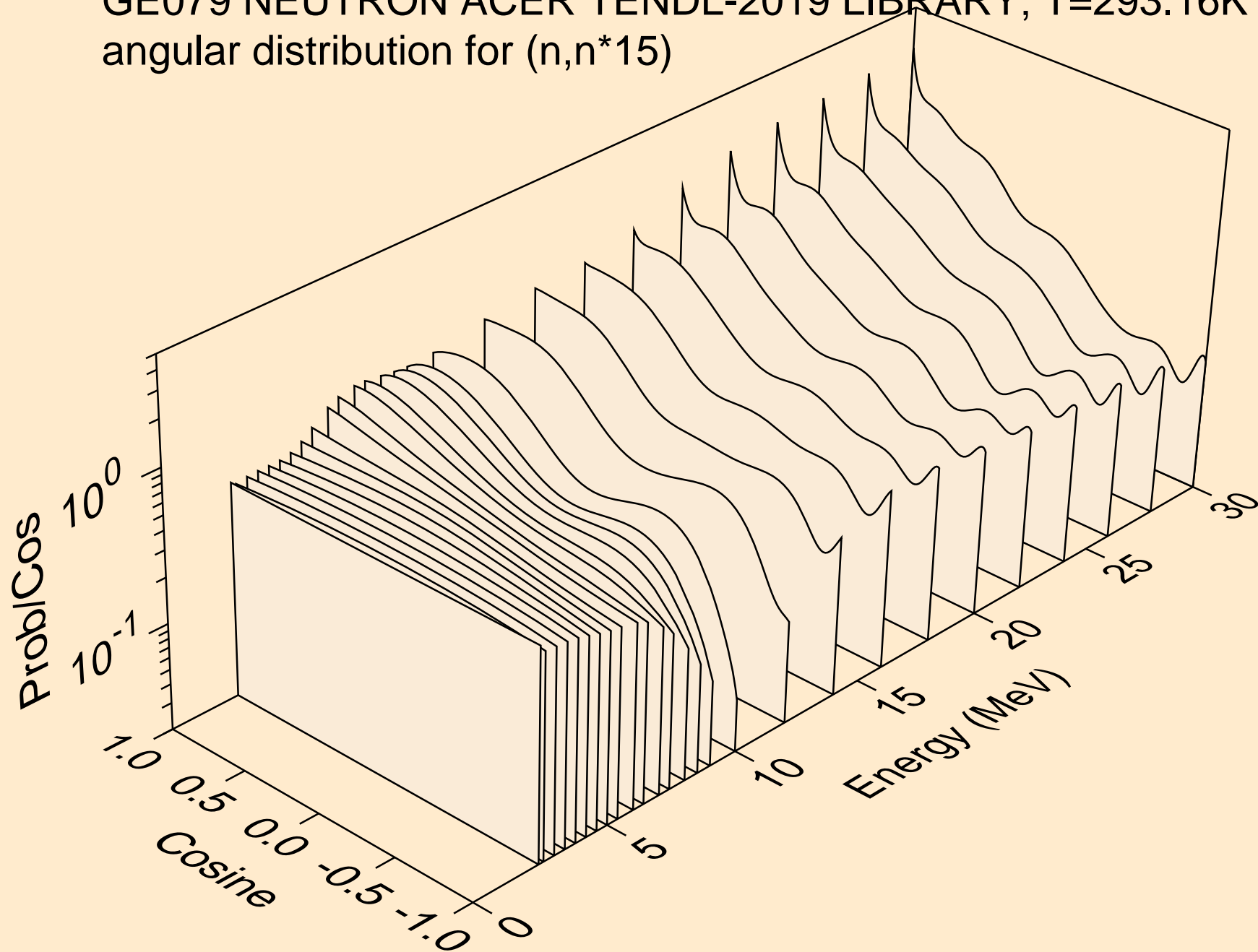
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angular distribution for (n,n\*13)



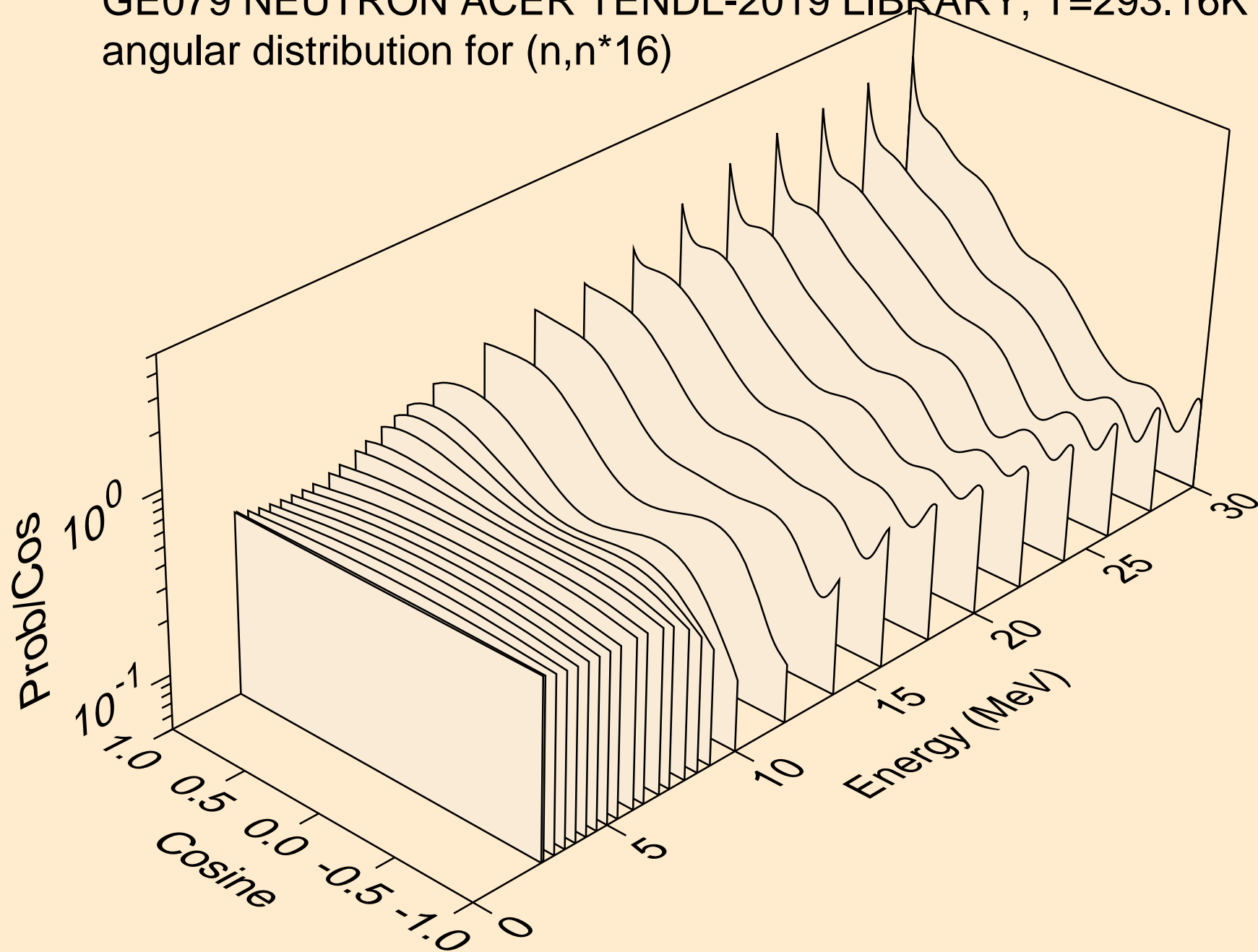
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angular distribution for (n,n\*14)



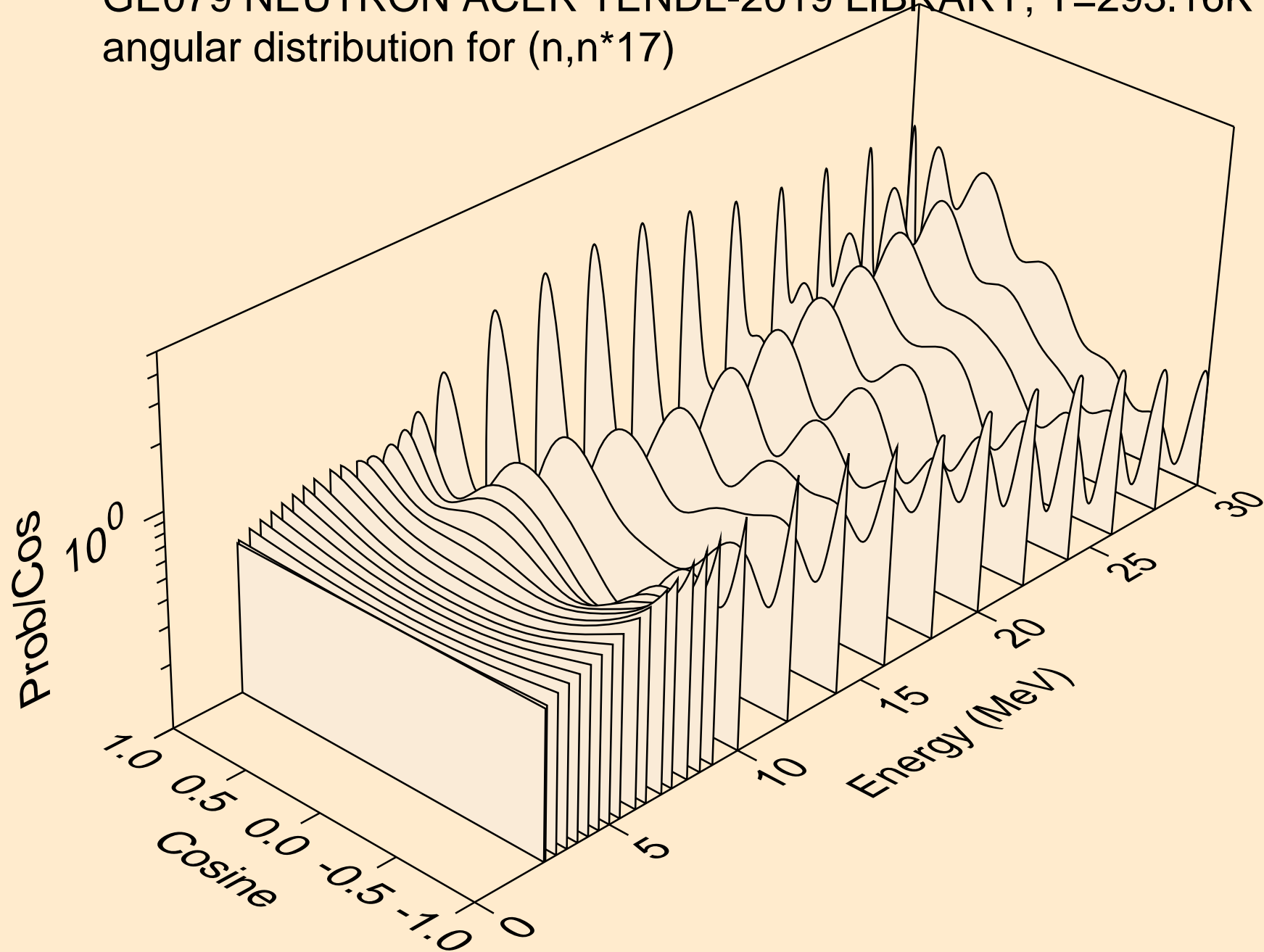
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angular distribution for (n,n\*15)



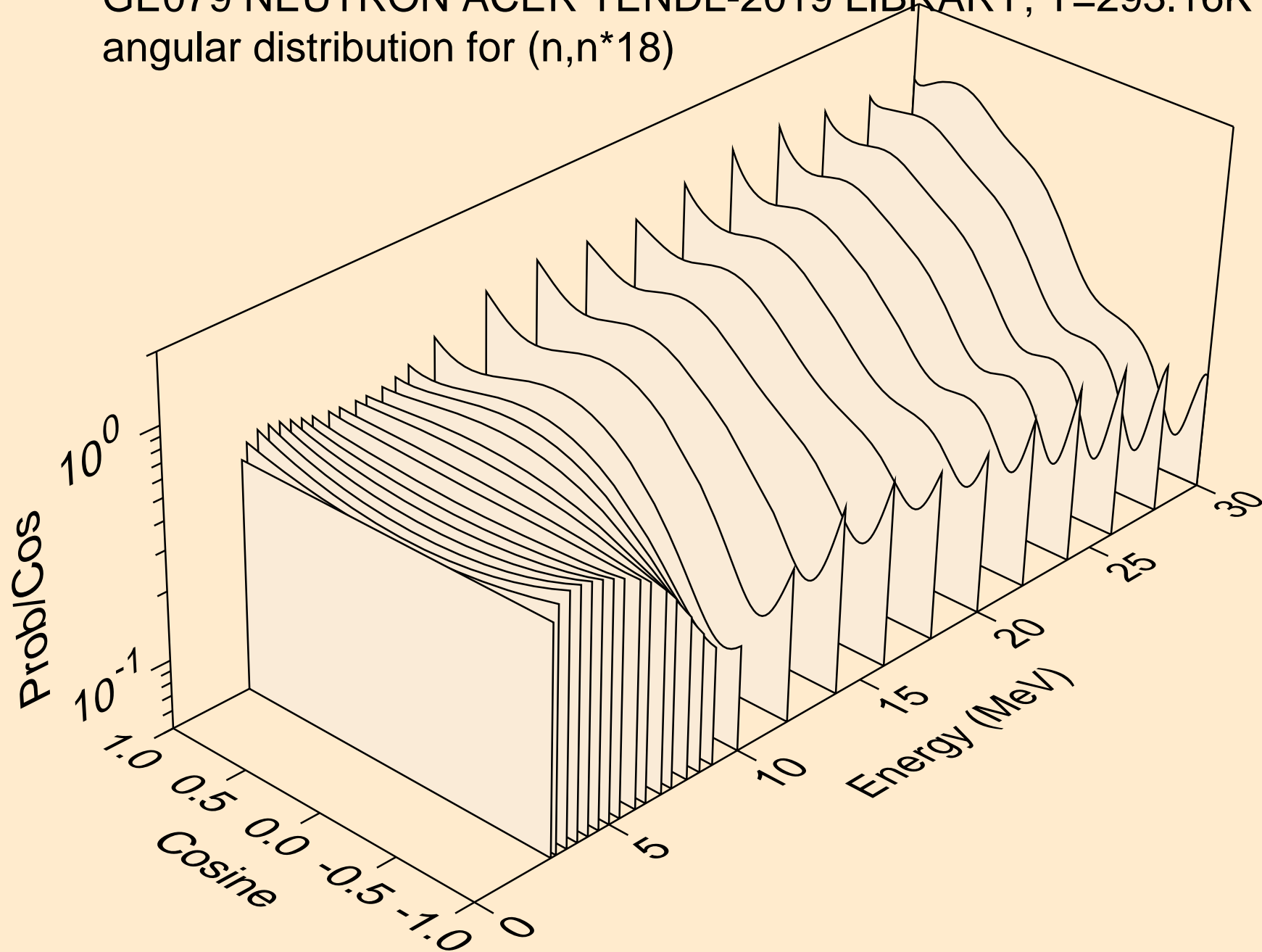
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angular distribution for (n,n\*16)



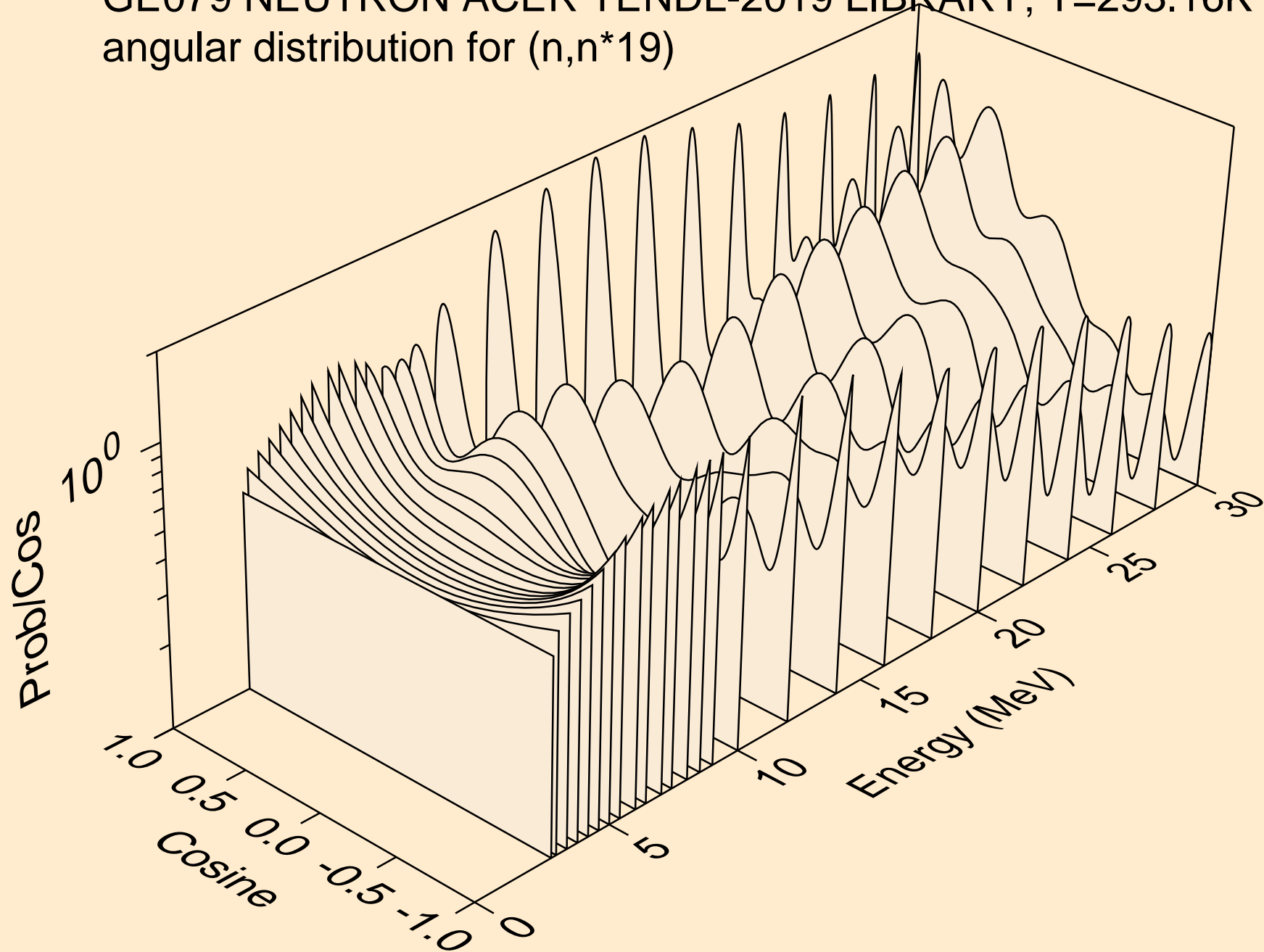
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angular distribution for (n,n\*17)



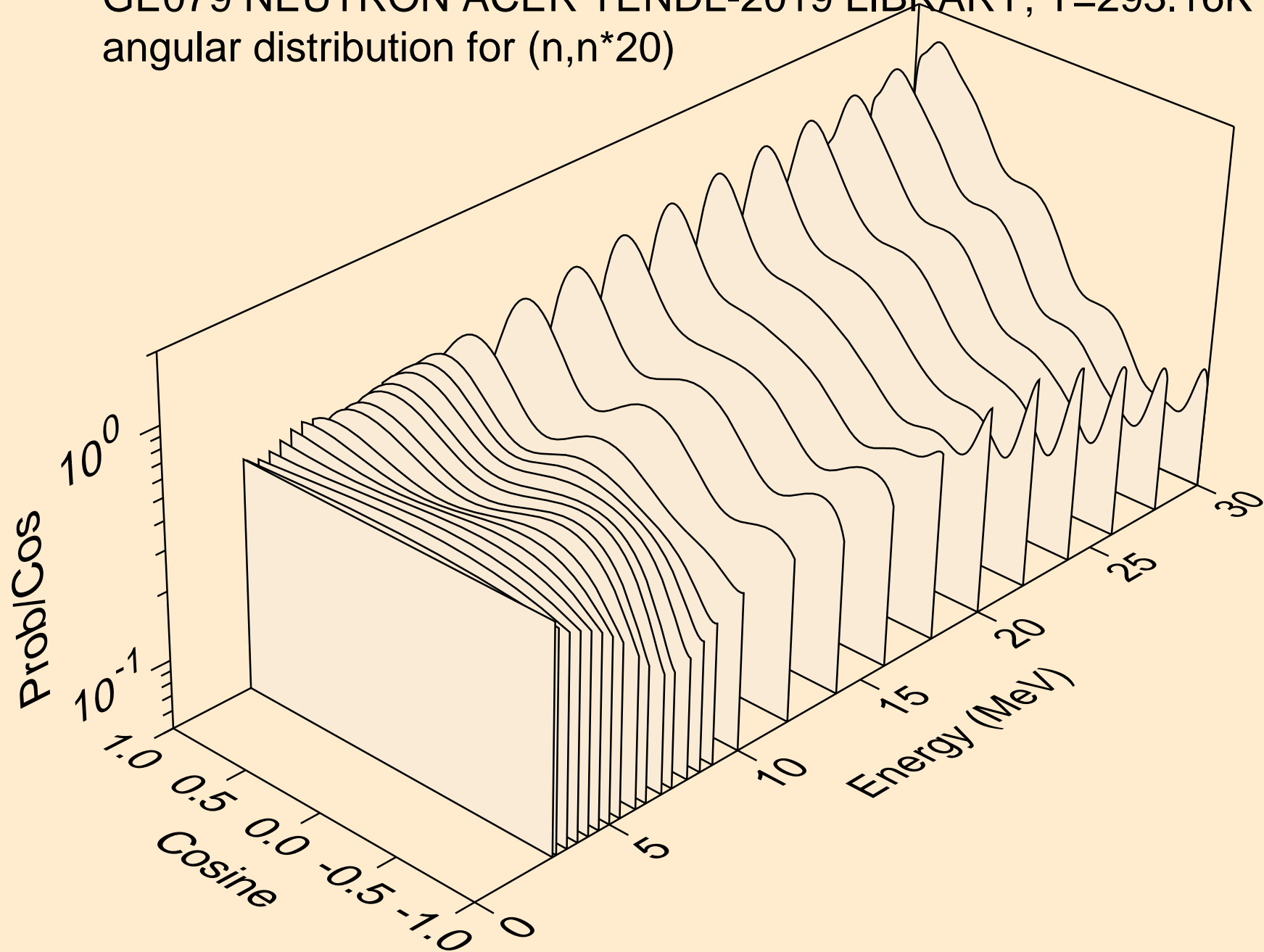
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angular distribution for (n,n\*18)



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)

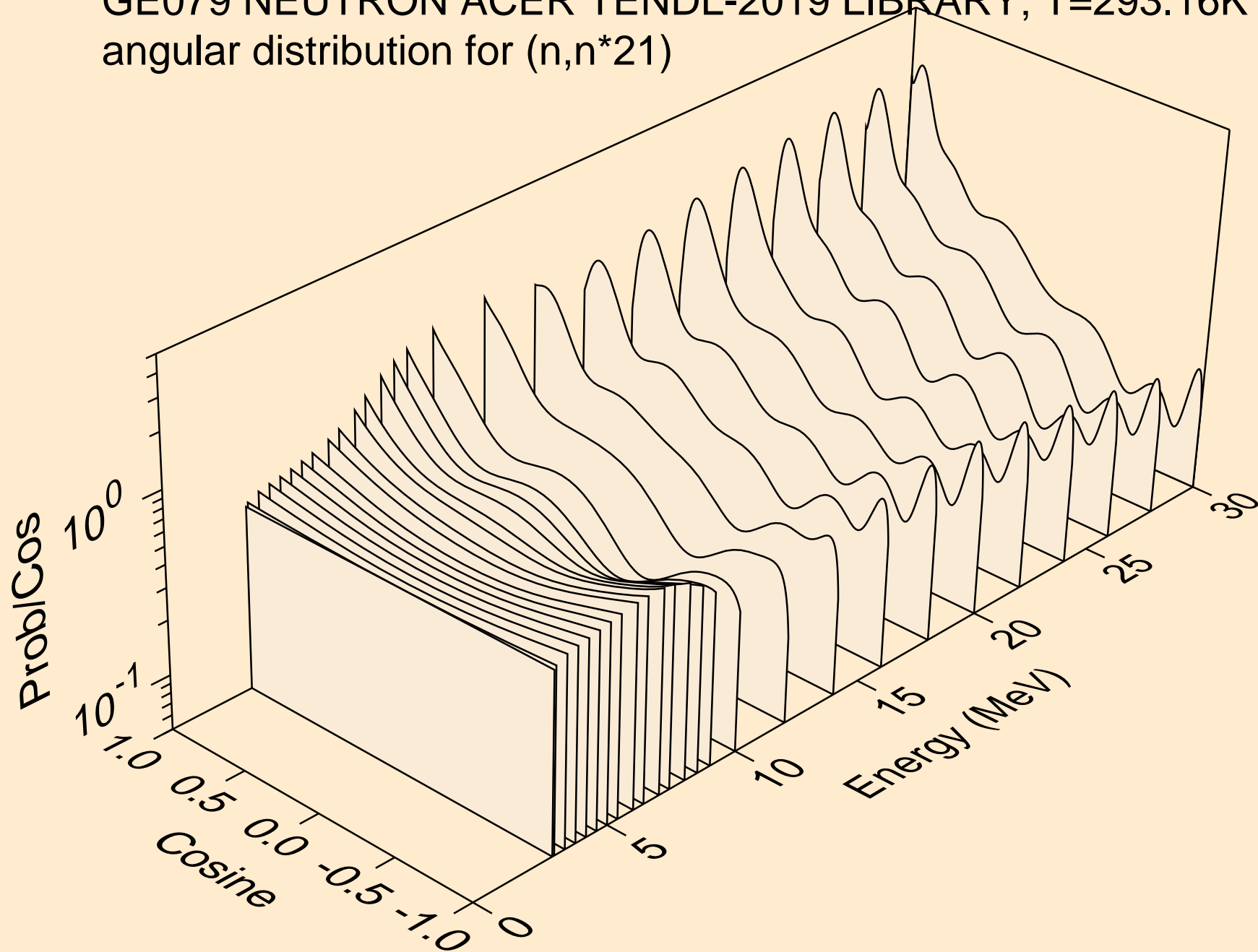


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angular distribution for (n,n\*20)

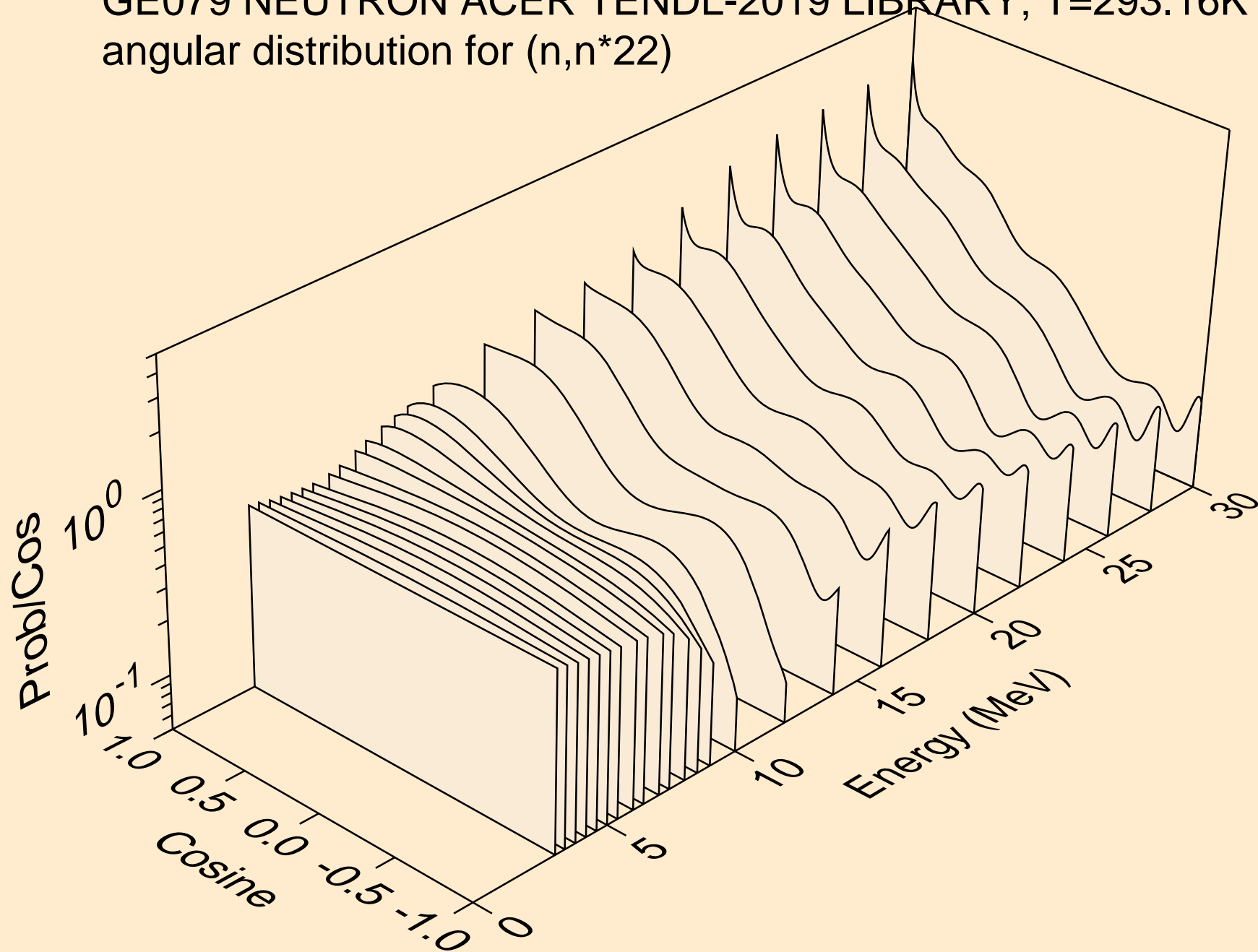




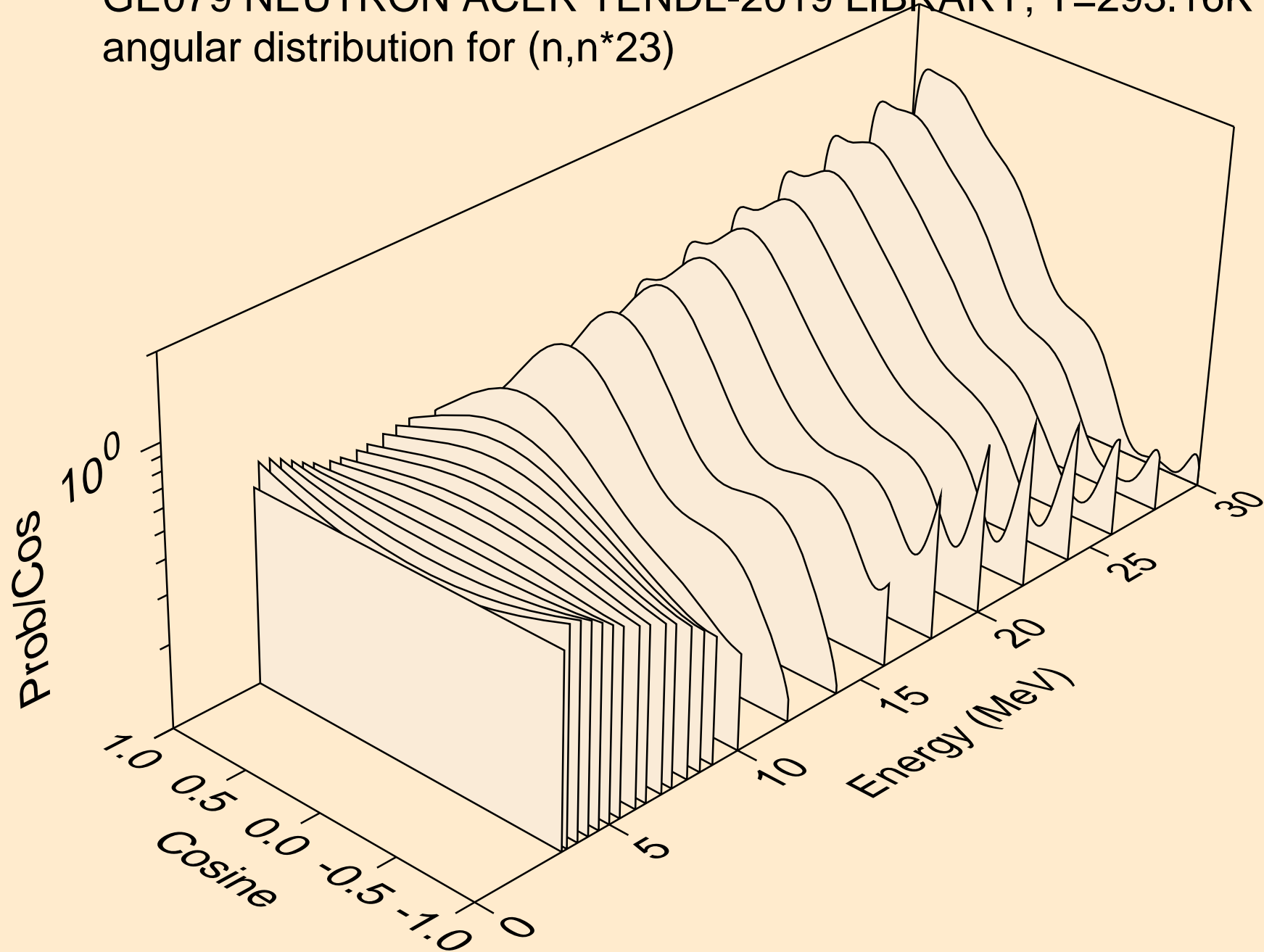
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angular distribution for (n,n\*21)



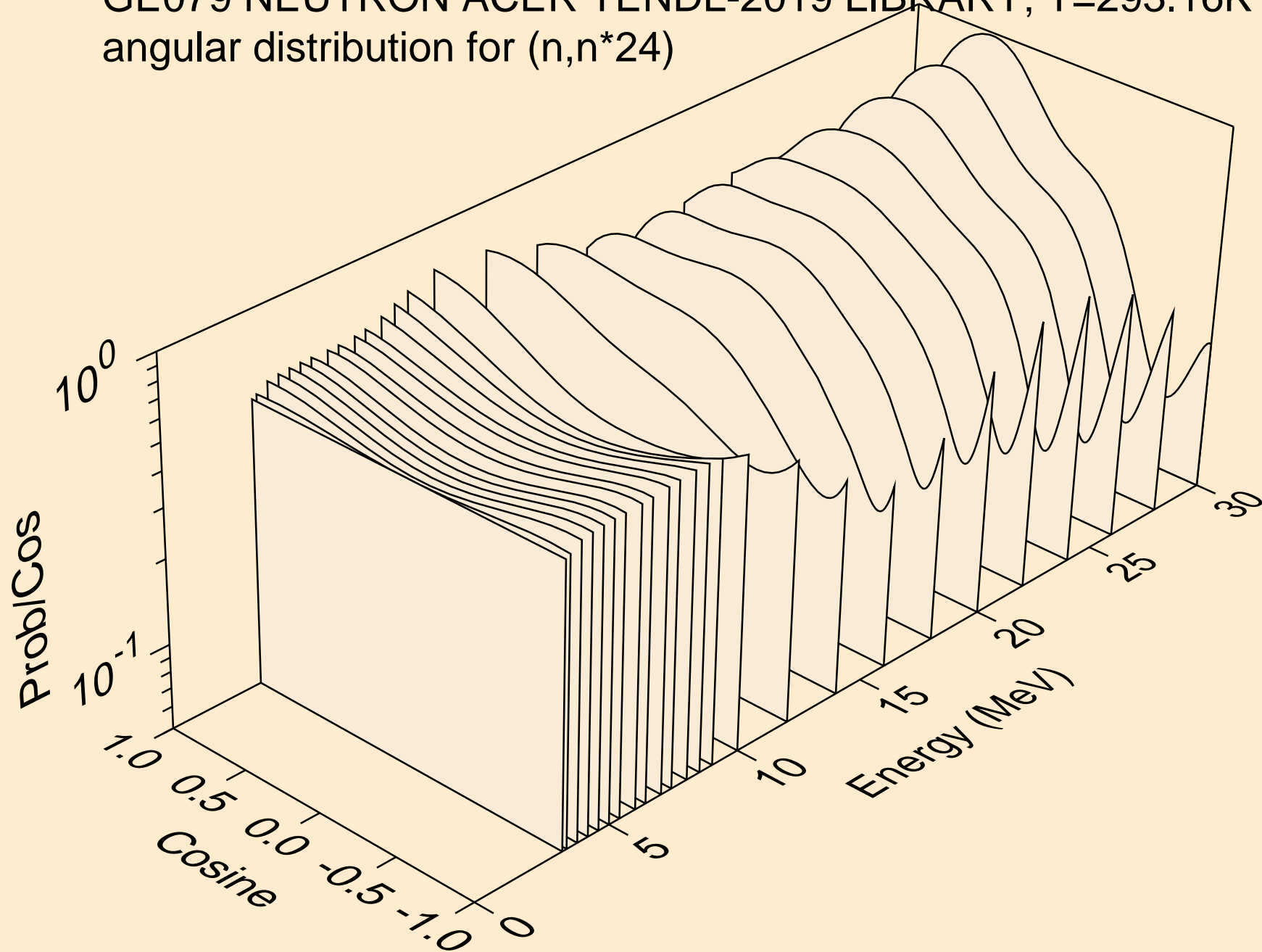
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angular distribution for (n,n\*22)



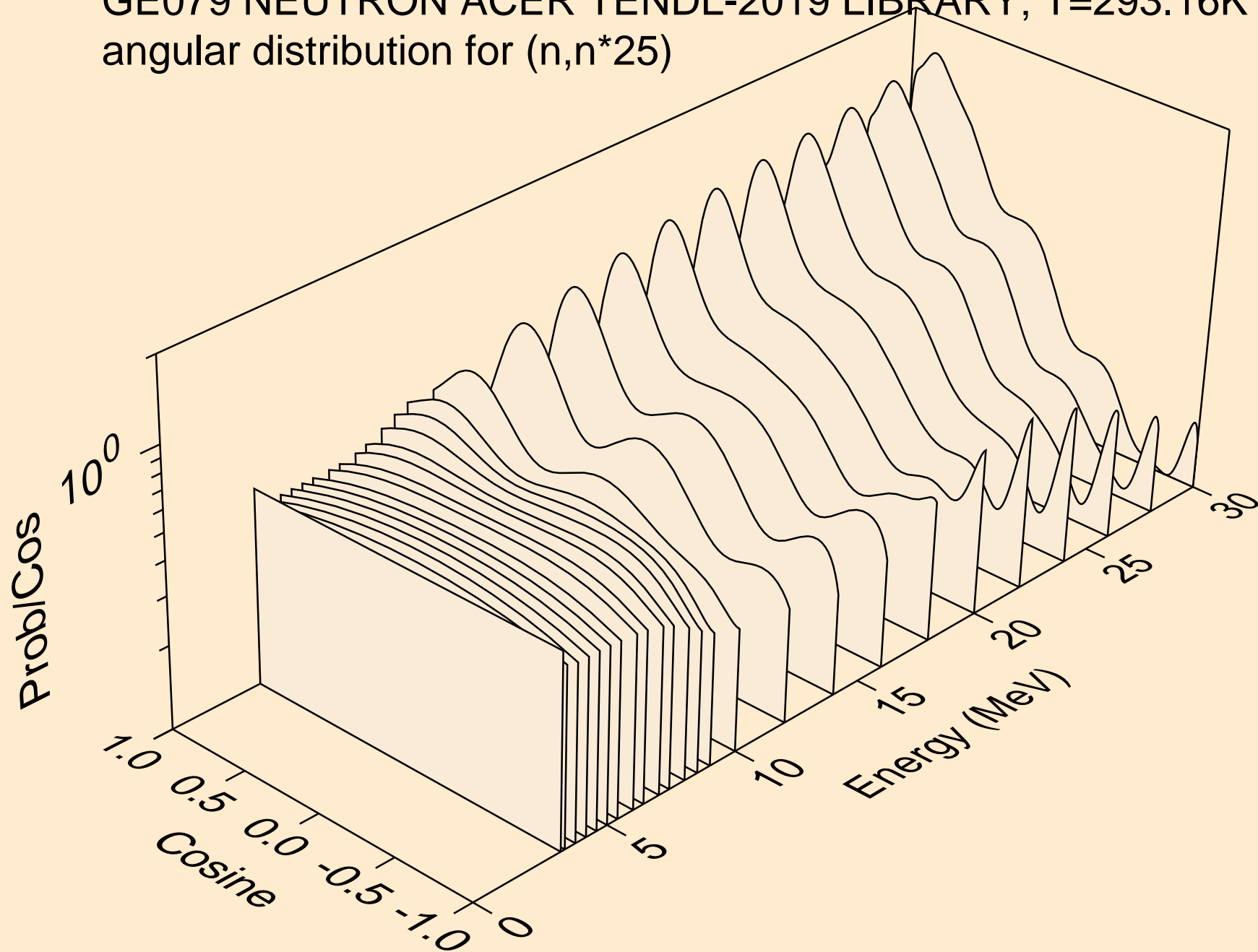
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angular distribution for (n,n\*23)



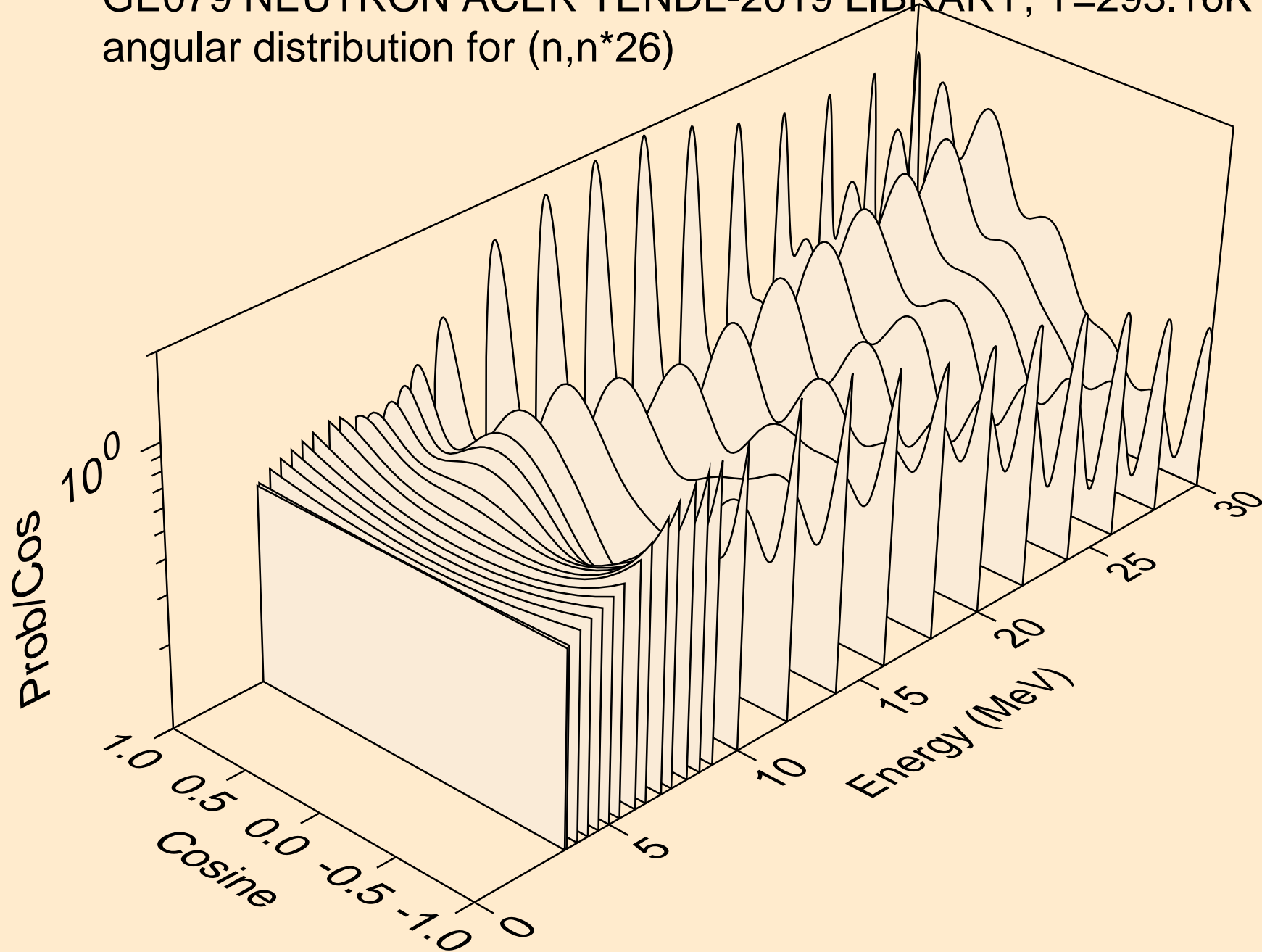
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angular distribution for (n,n\*24)



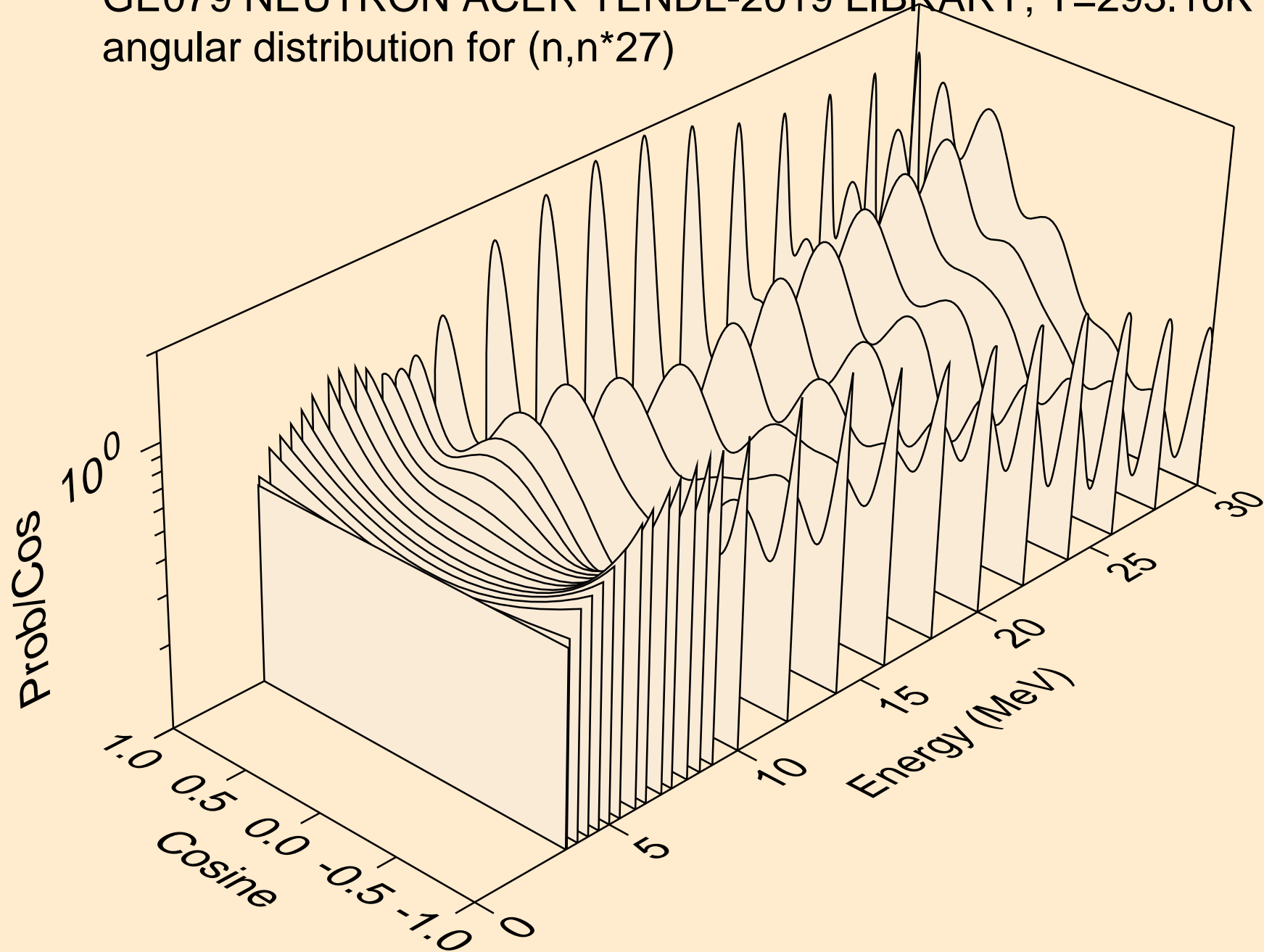
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angular distribution for (n,n\*25)



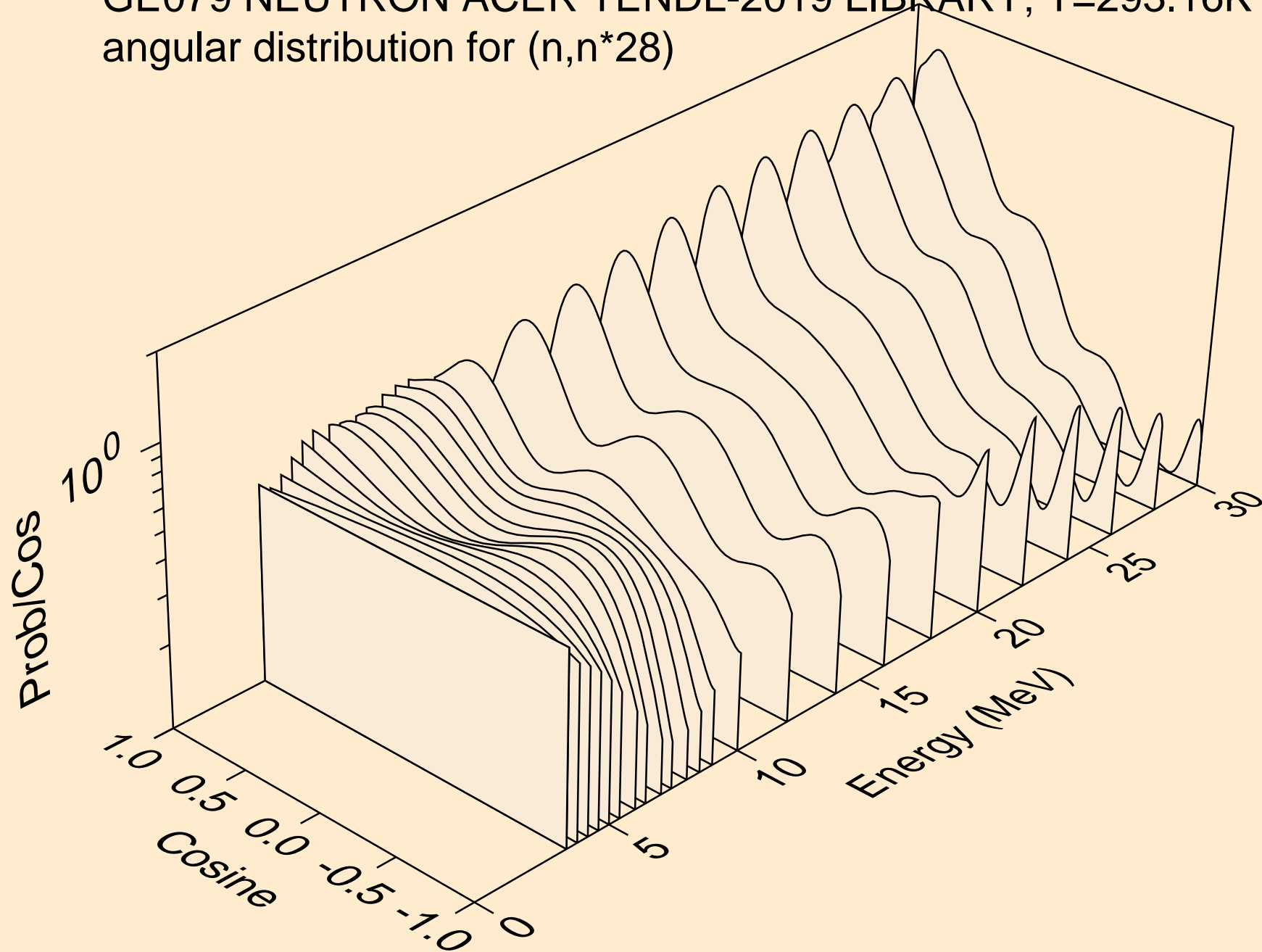
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)

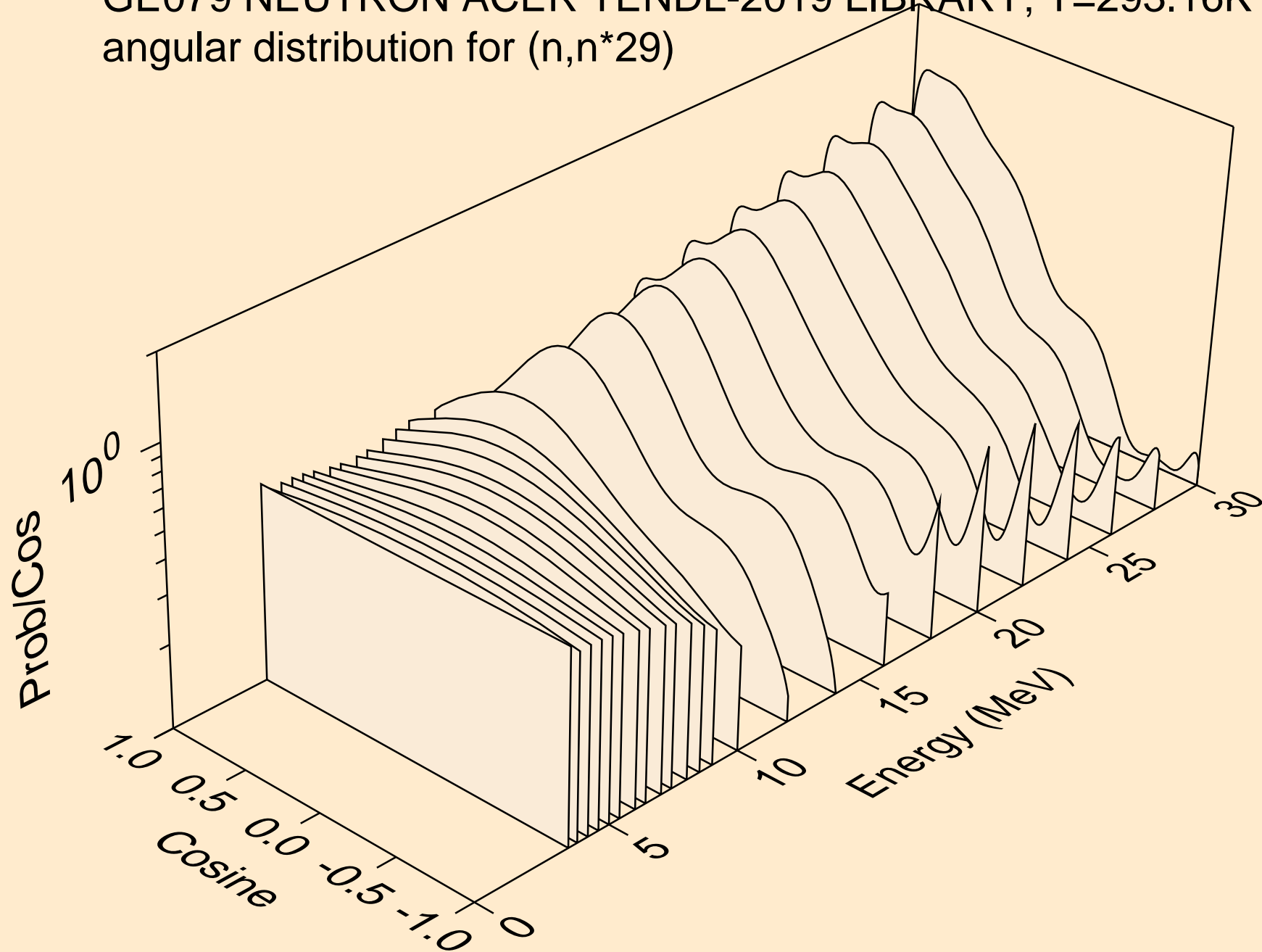


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angular distribution for (n,n\*28)

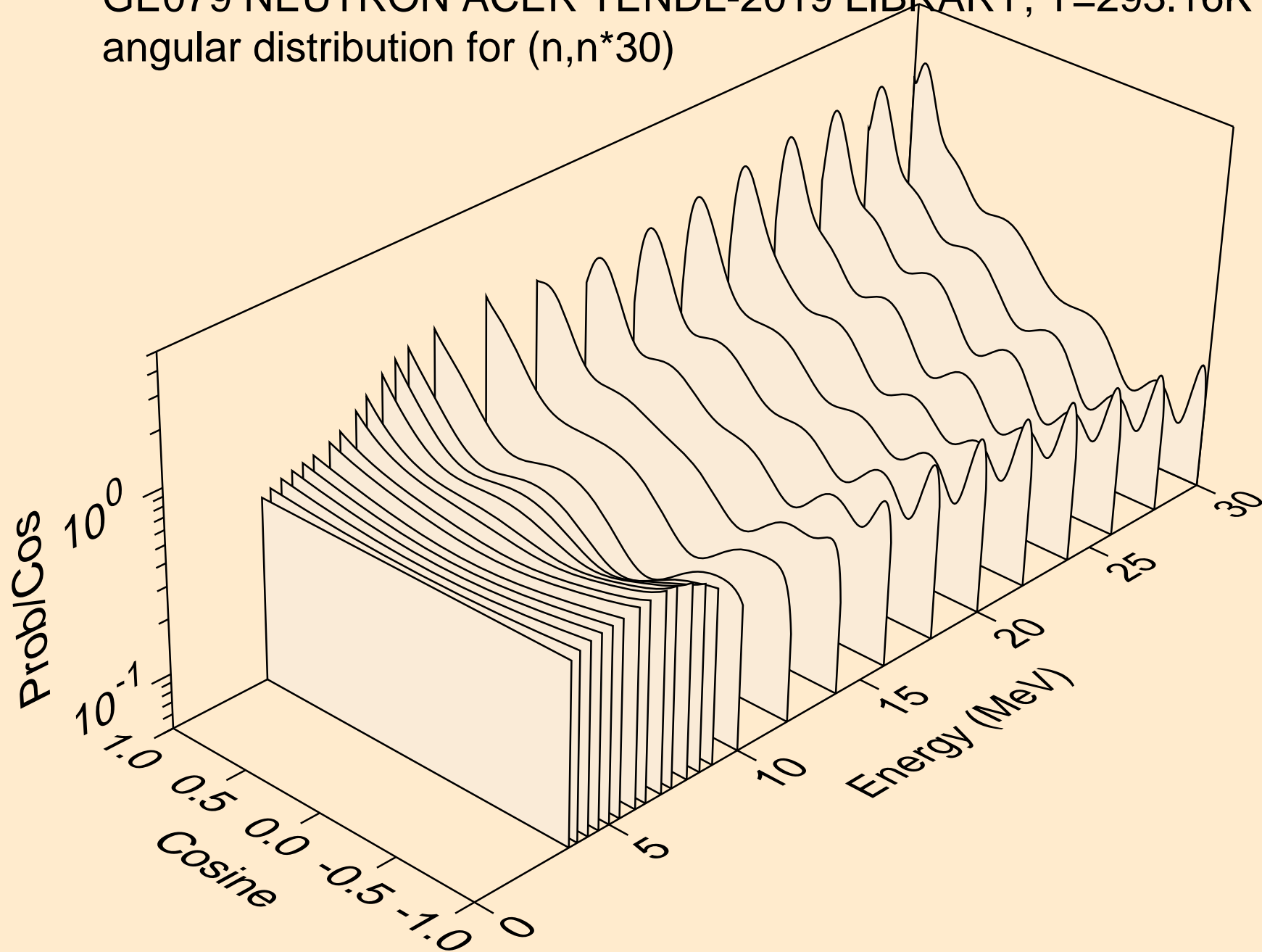




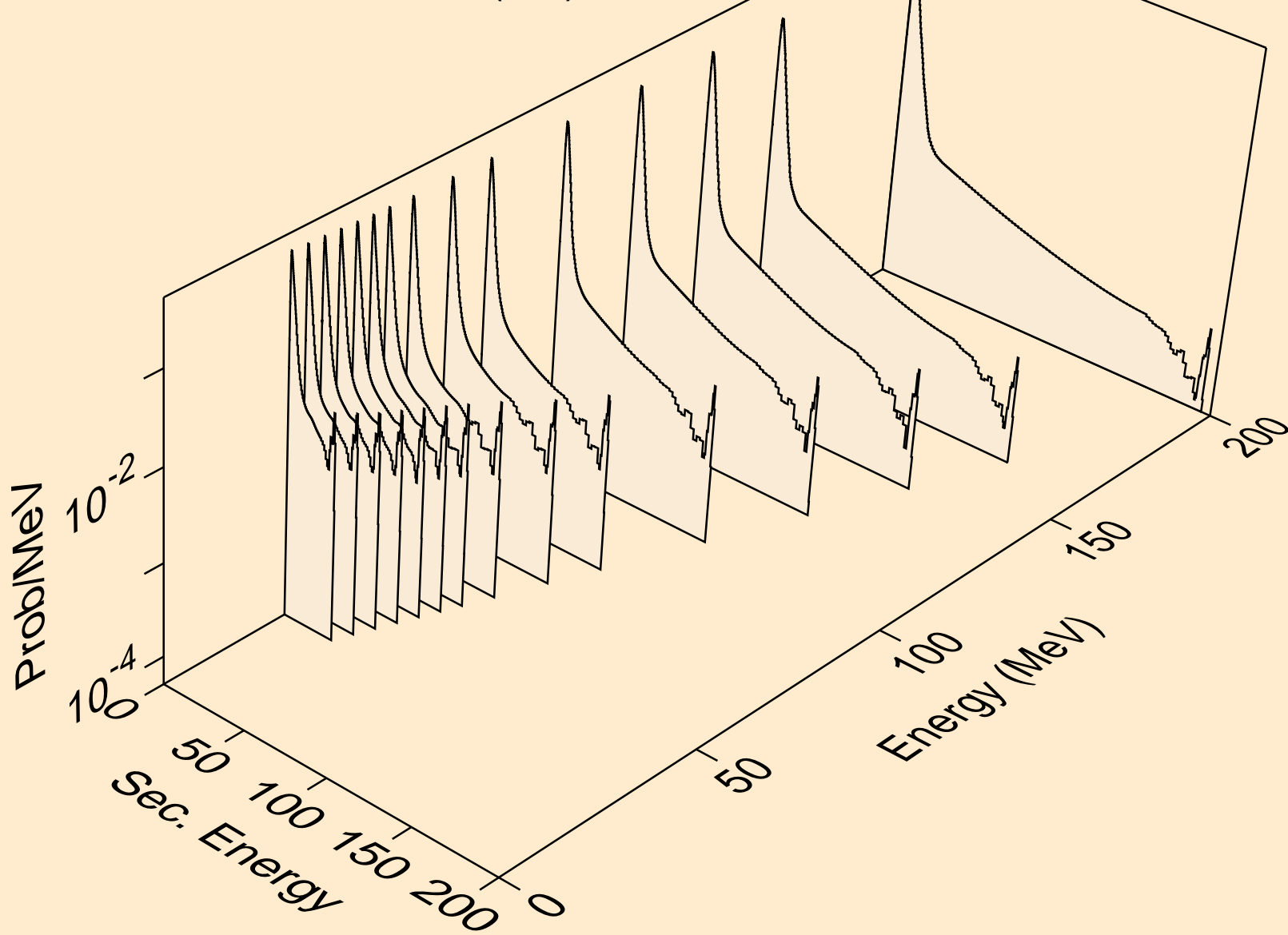
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angular distribution for (n,n\*29)



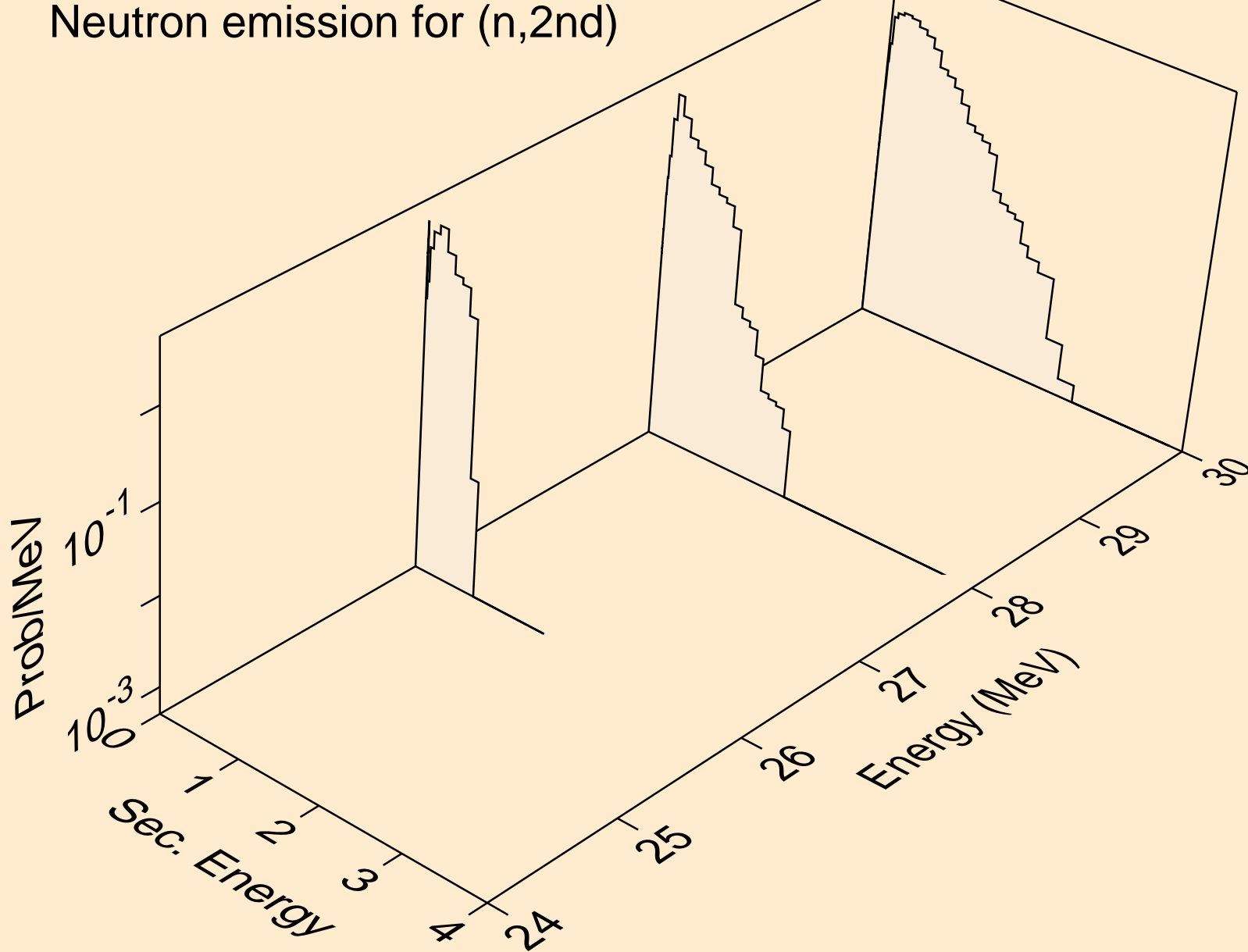
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angular distribution for (n,n\*30)



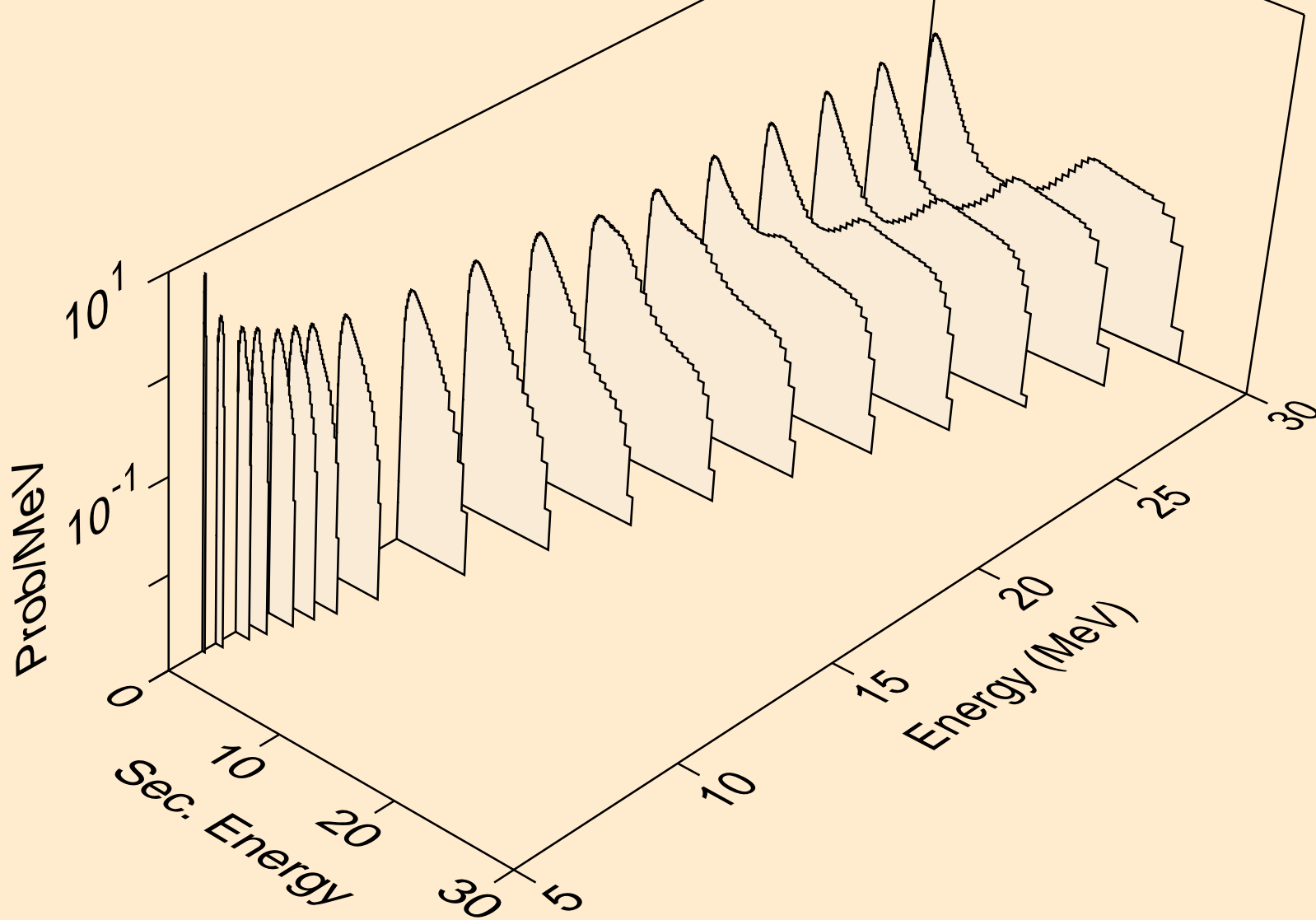
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



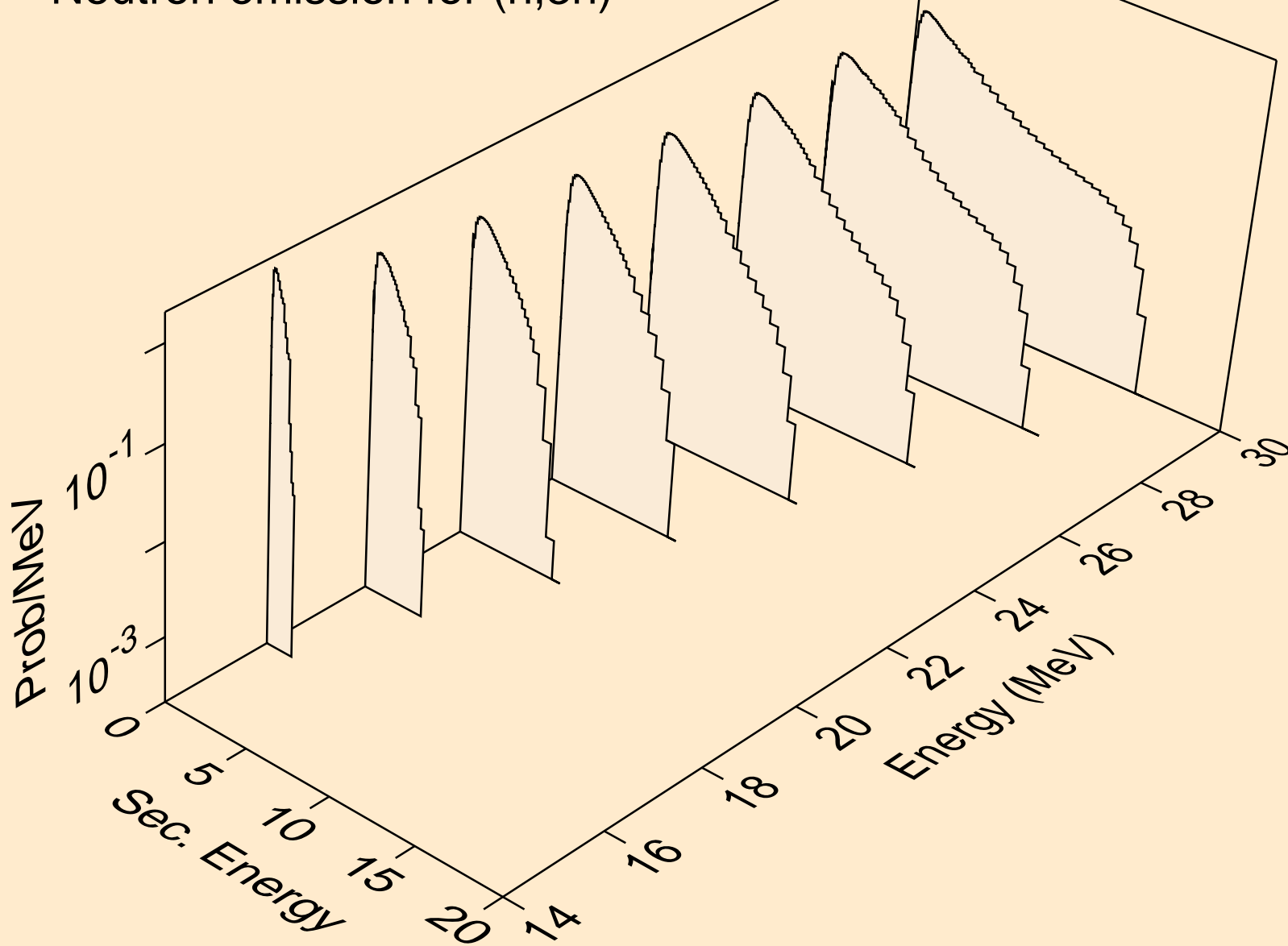
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



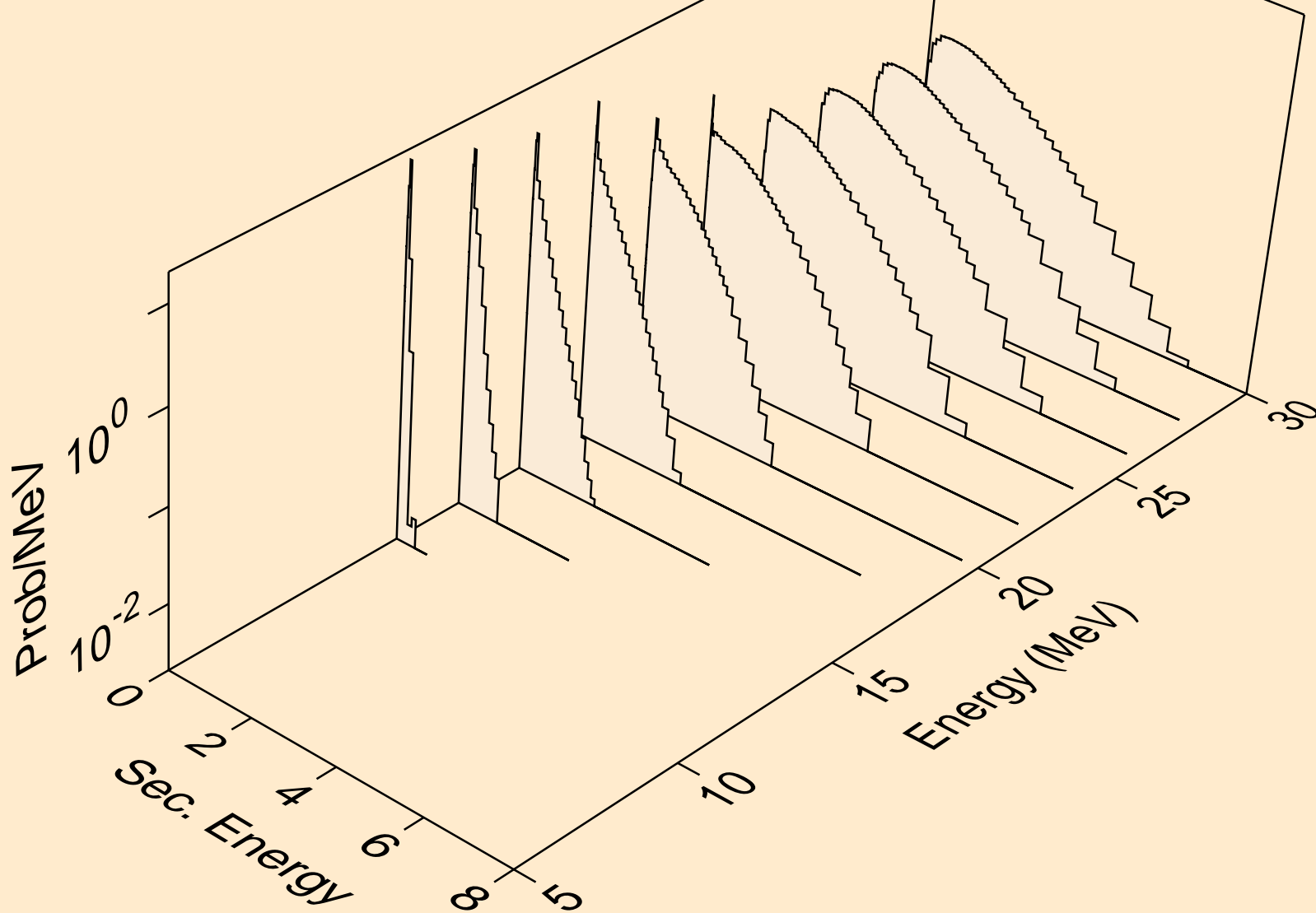
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



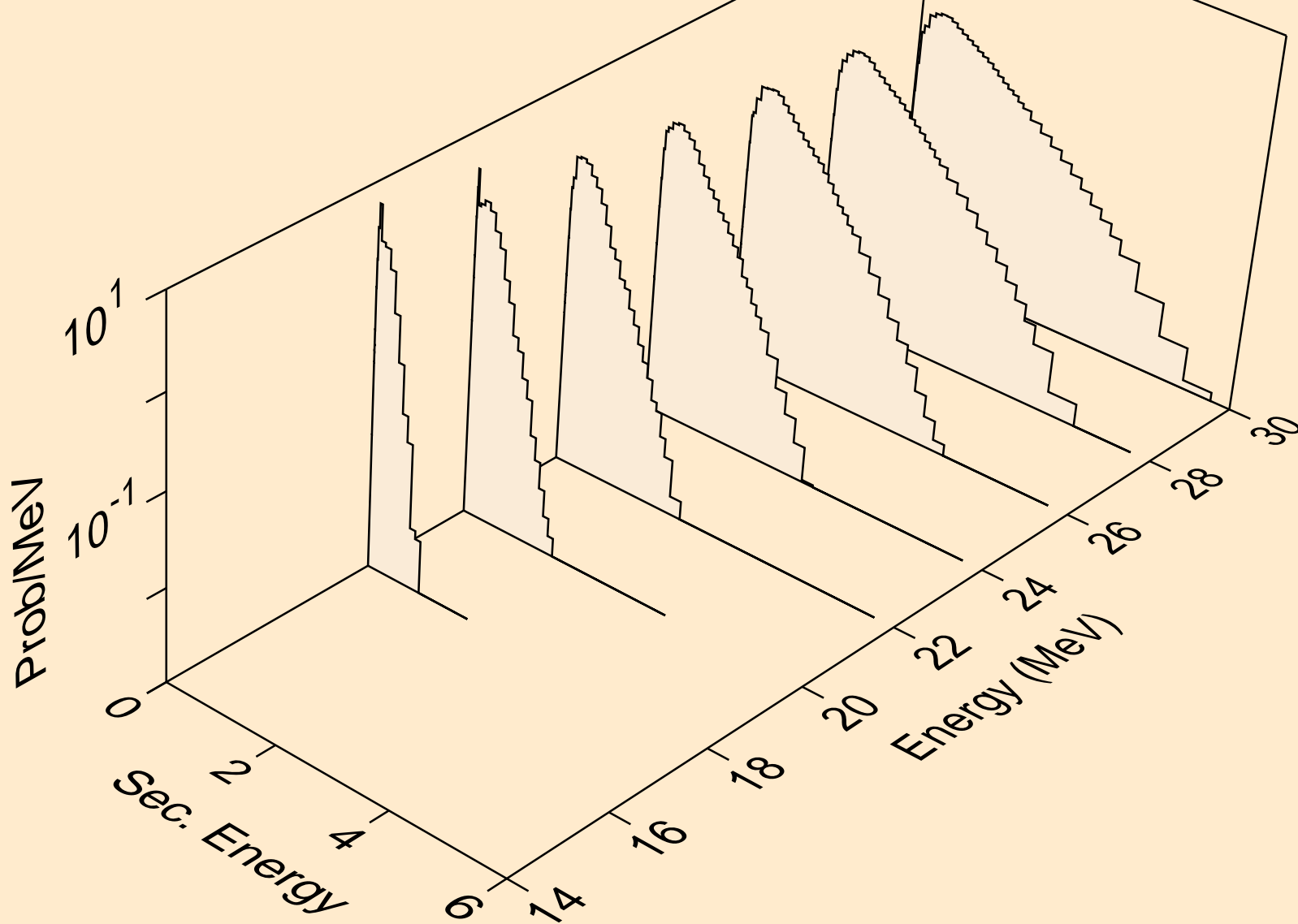
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a

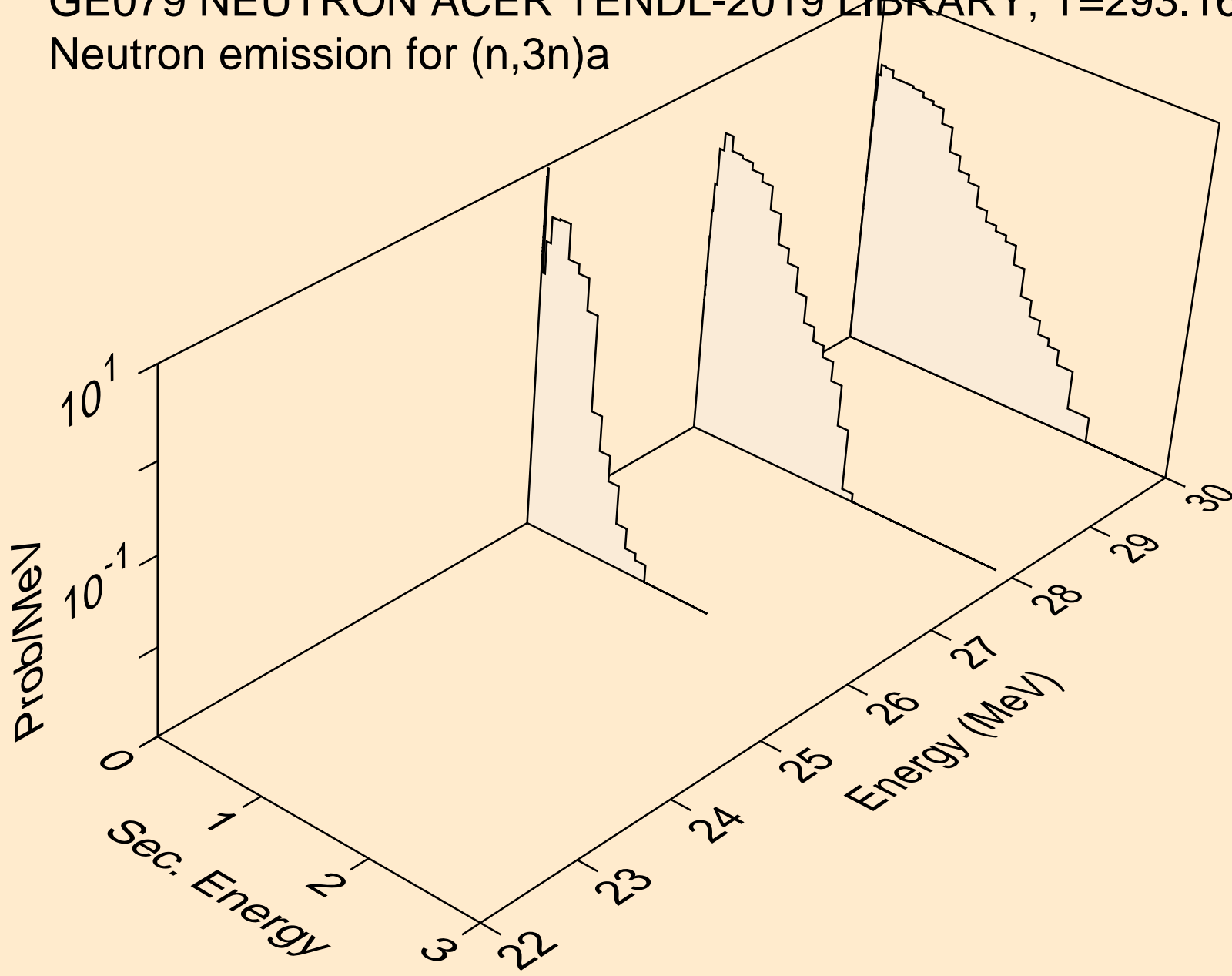


GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

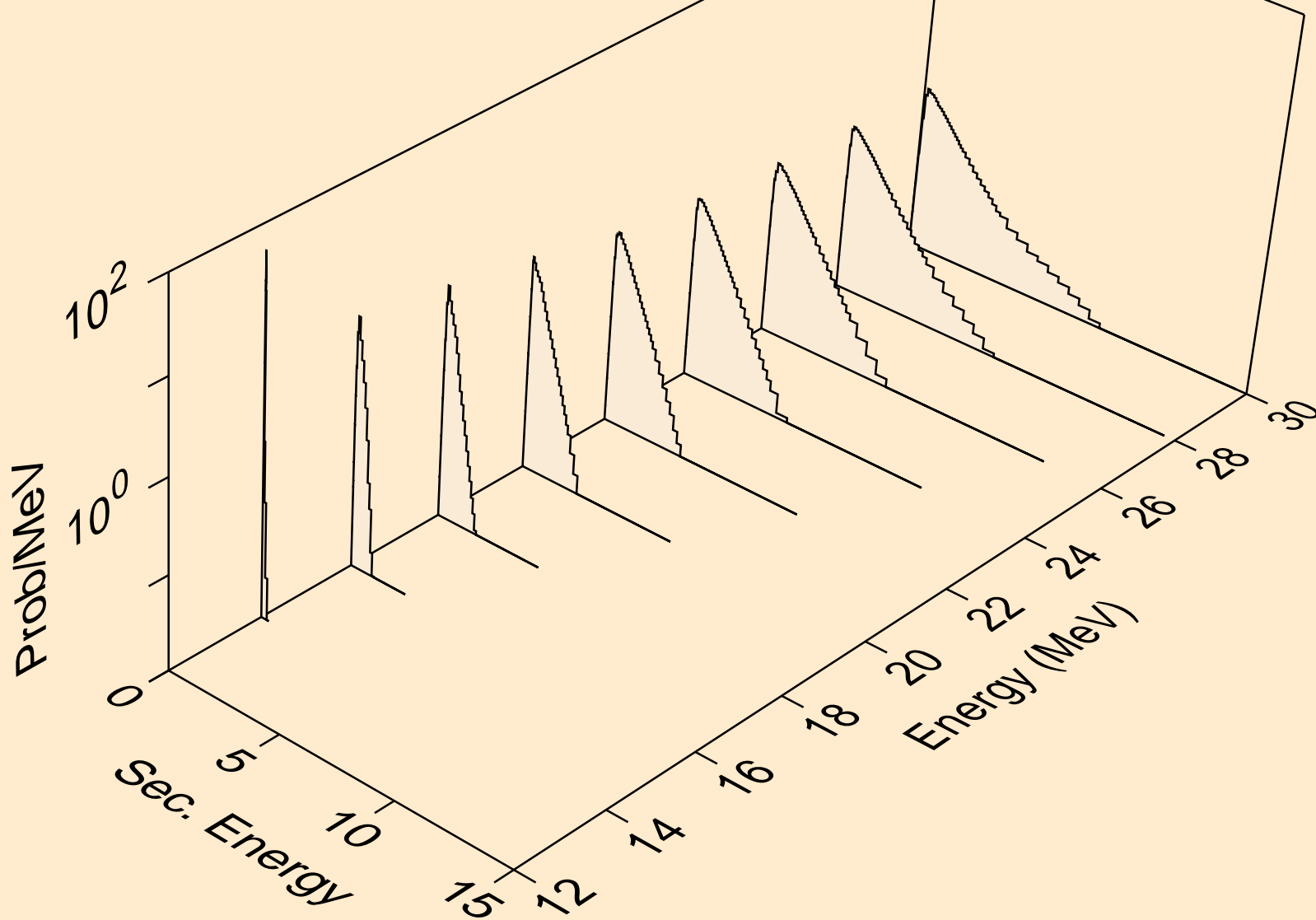




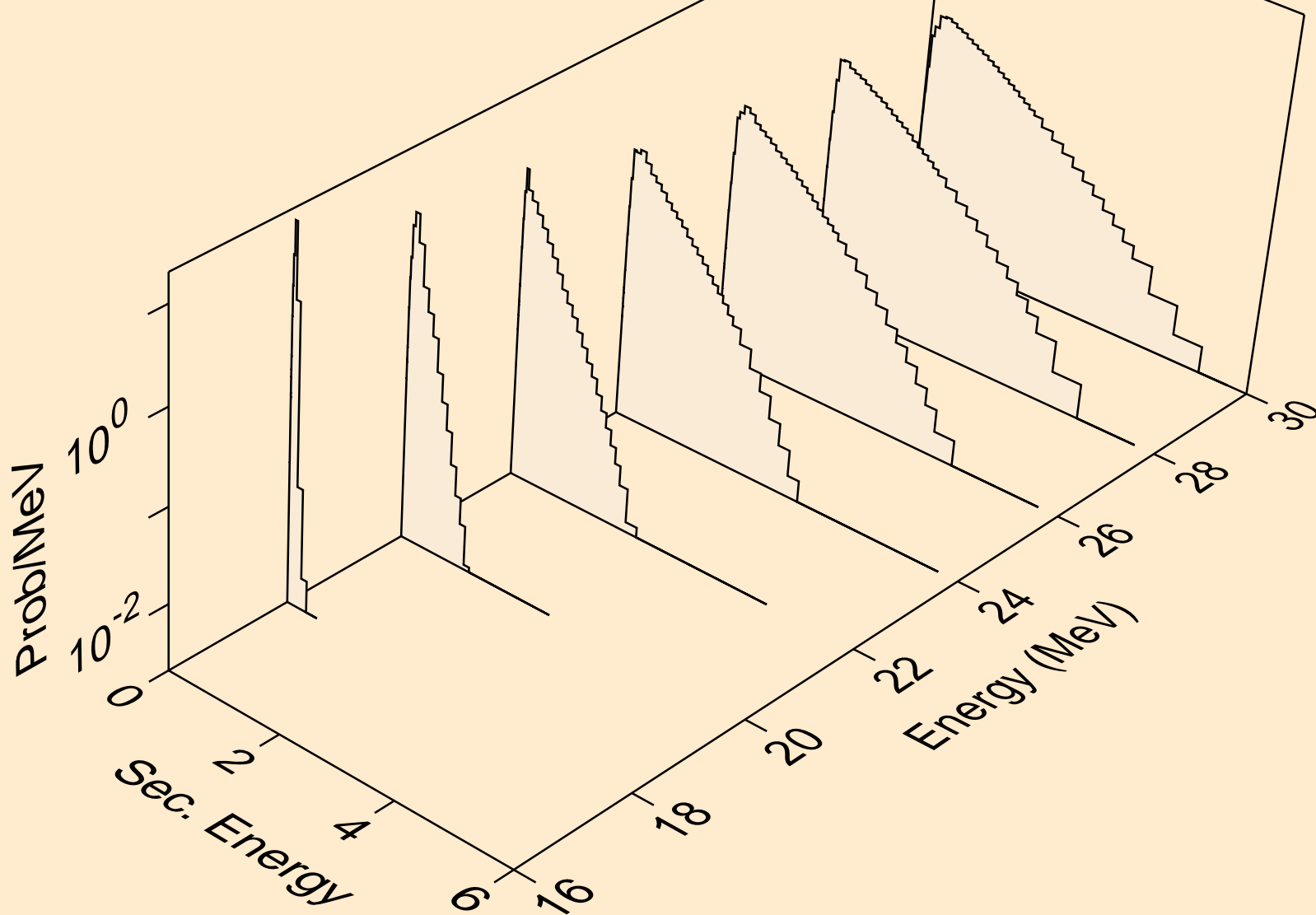
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Neutron emission for (n,3n)a



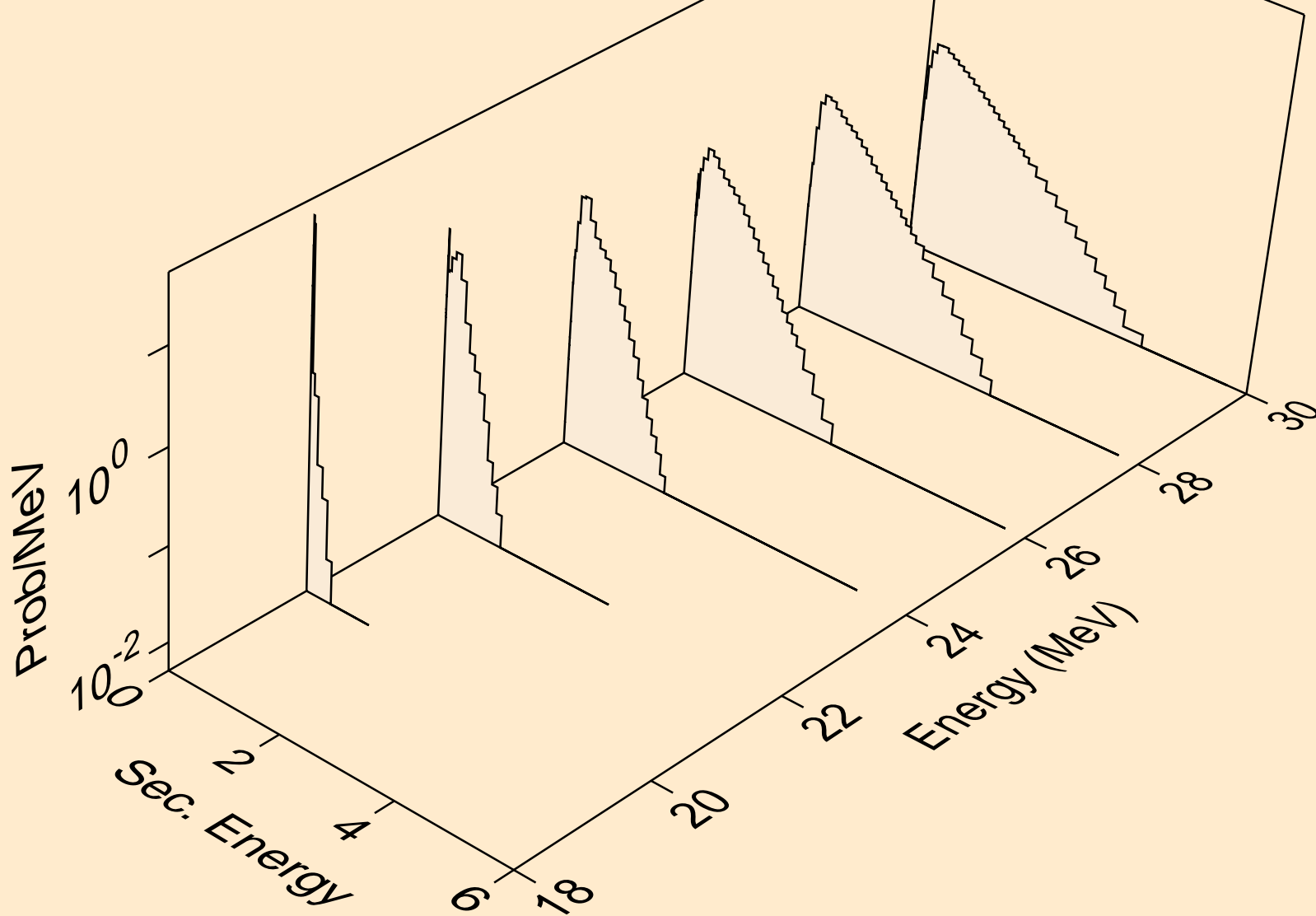
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Neutron emission for (n,n\*)p



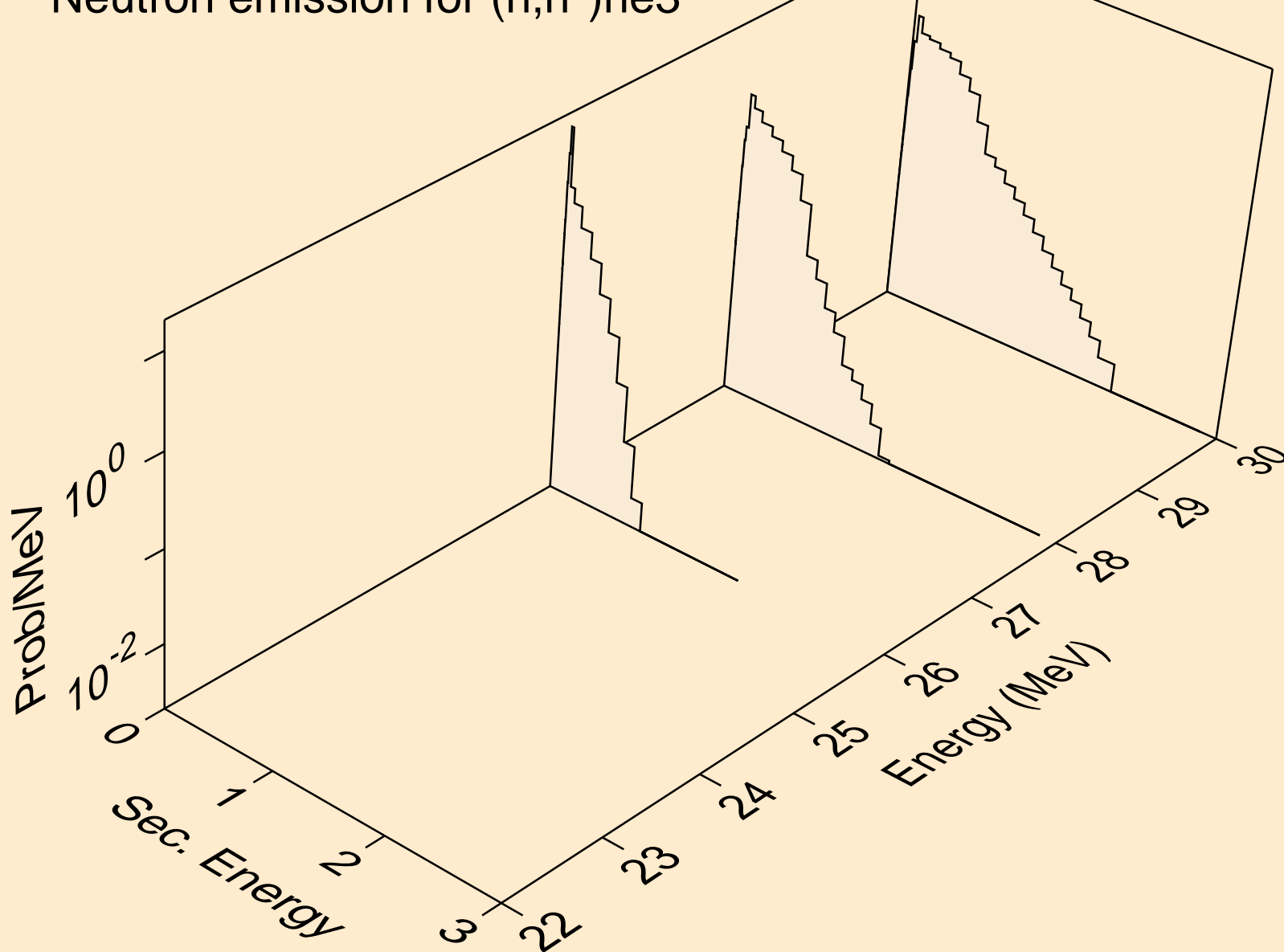
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Neutron emission for (n,n\*)d



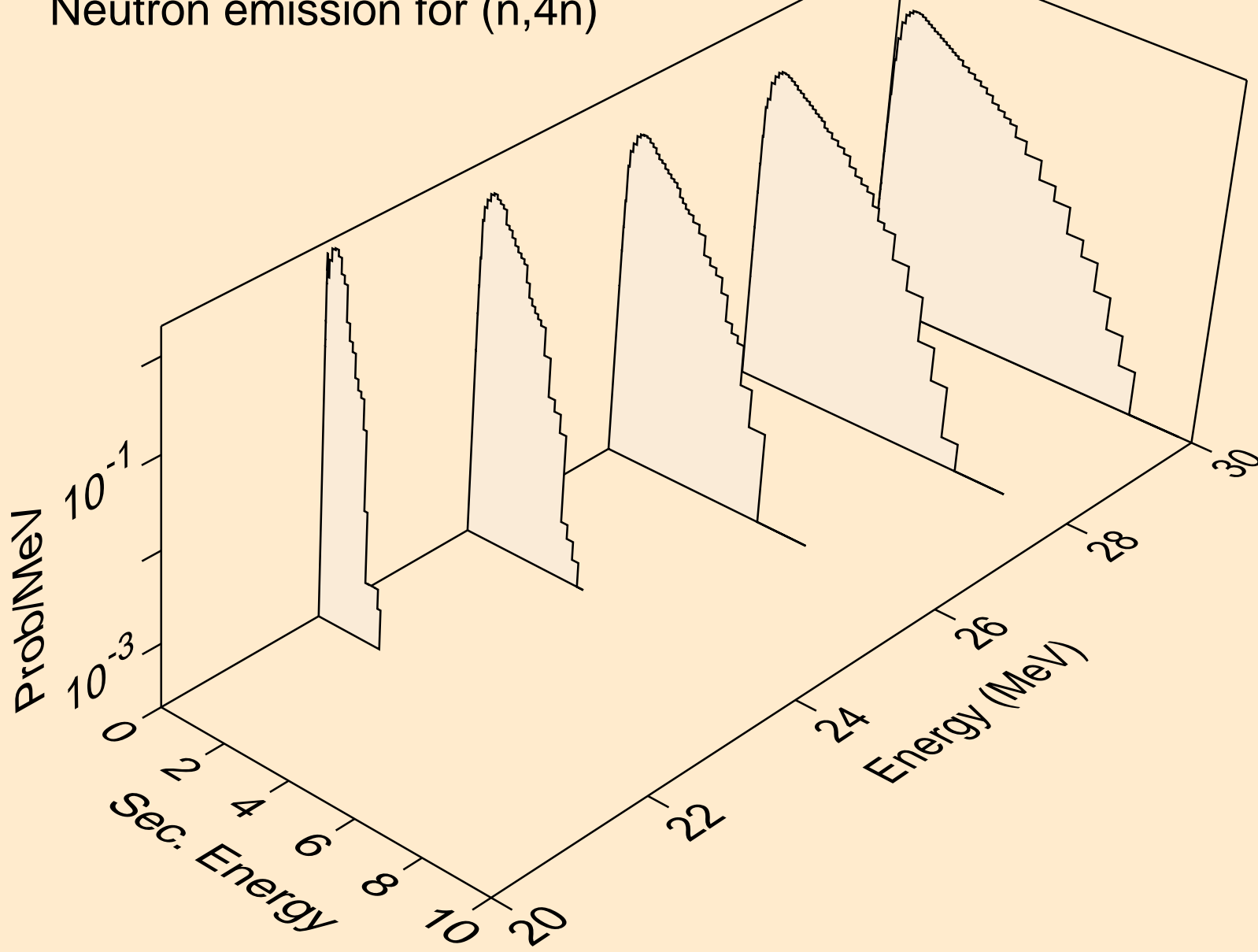
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Neutron emission for (n,n\*)t



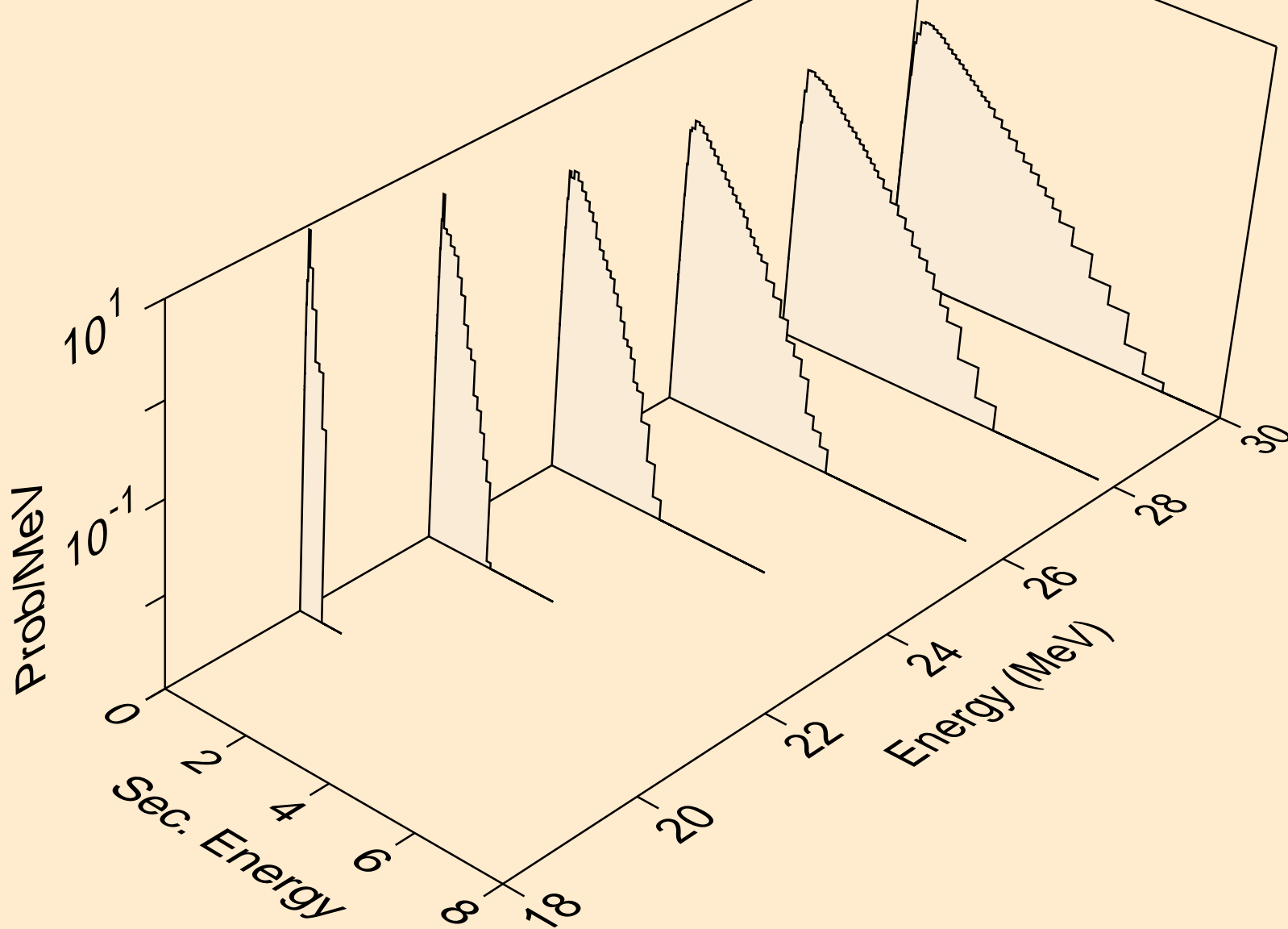
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3



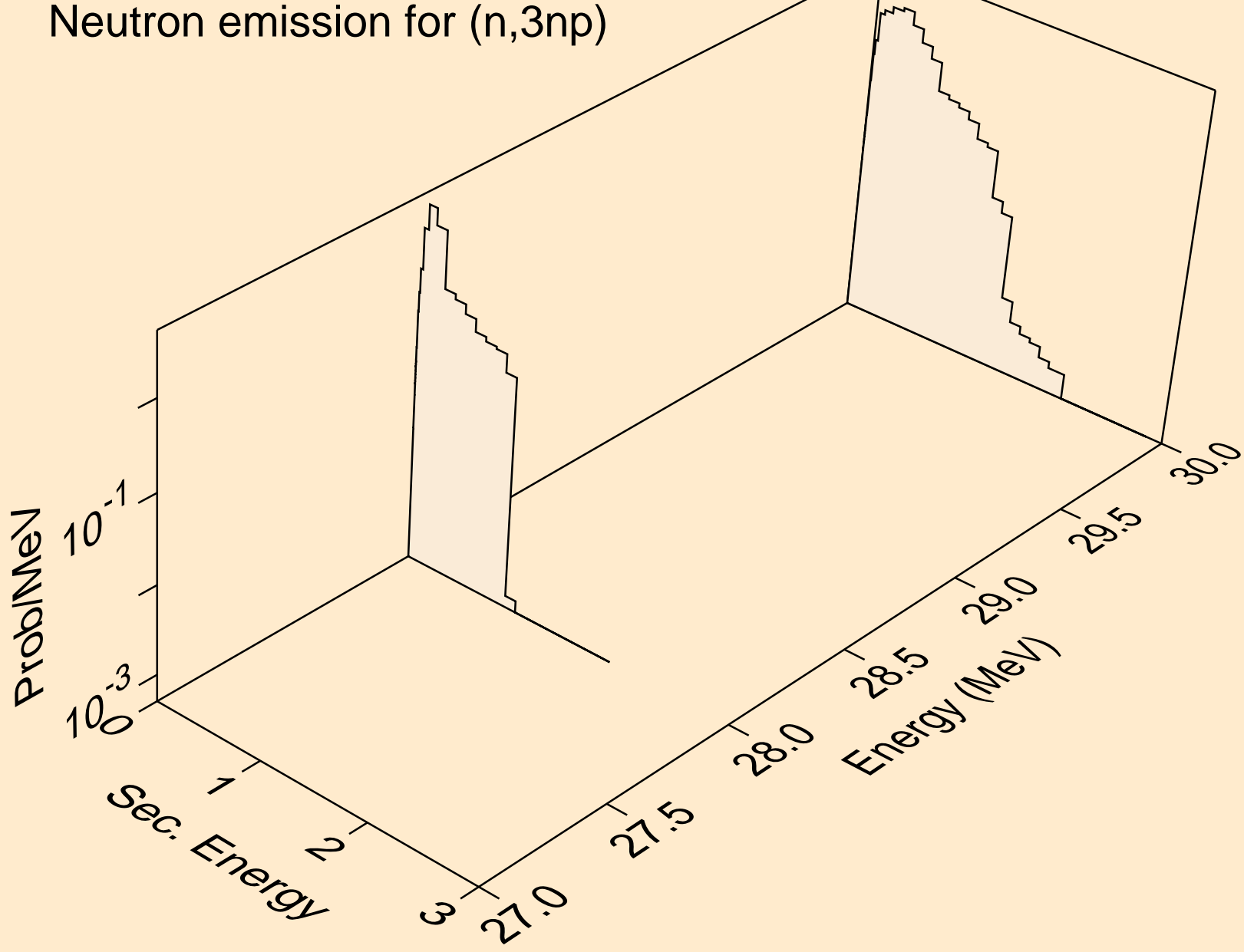
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)

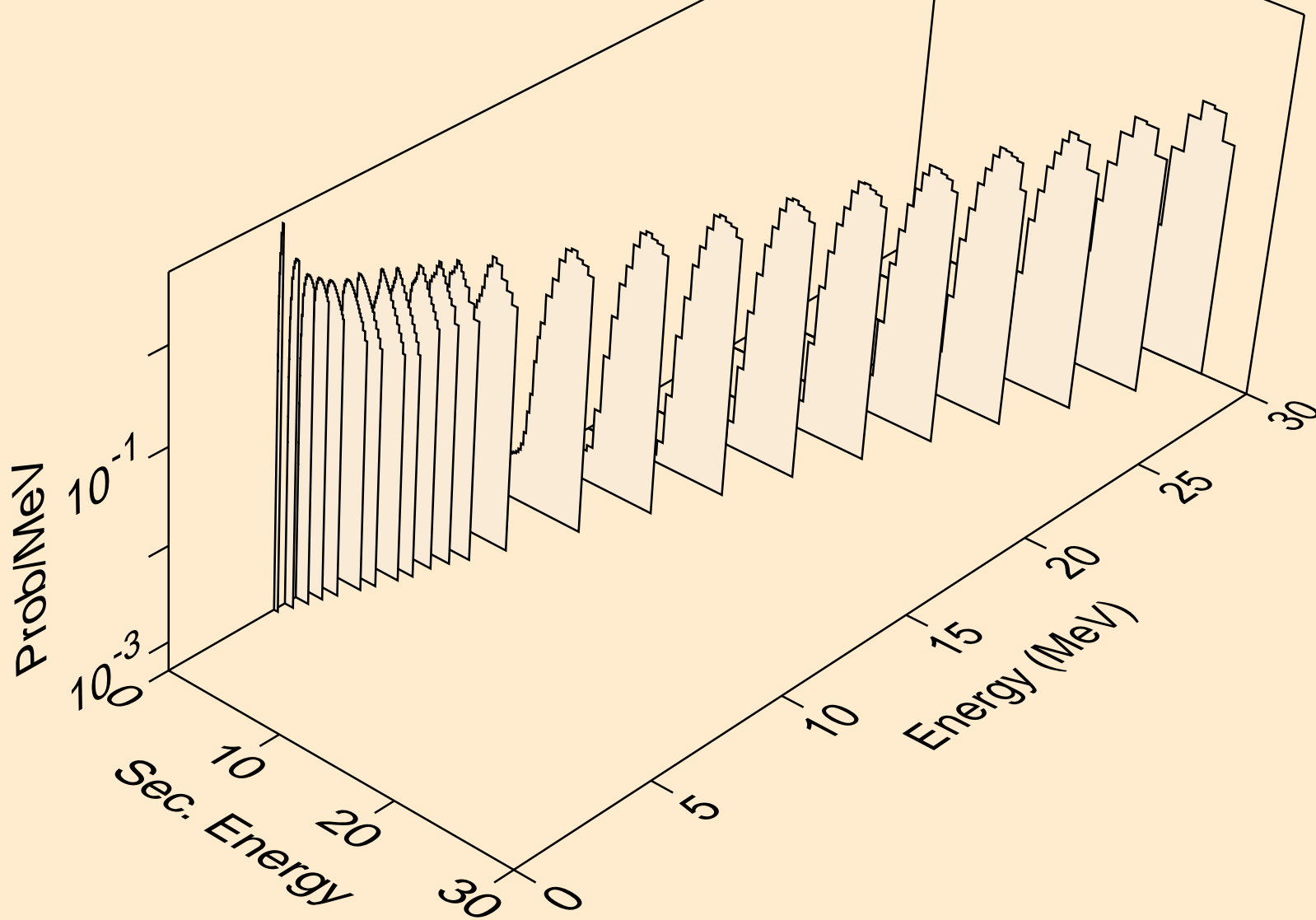


GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

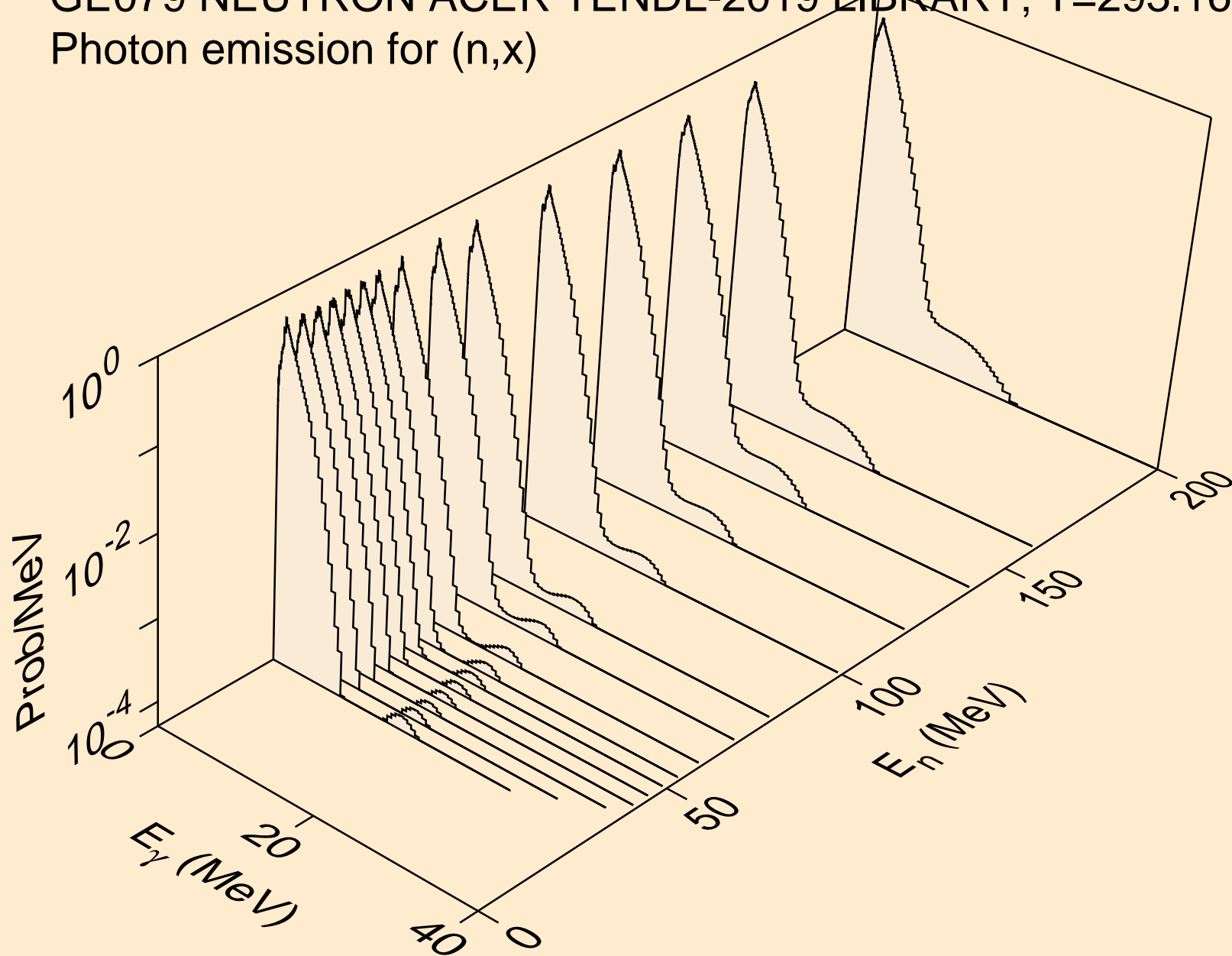




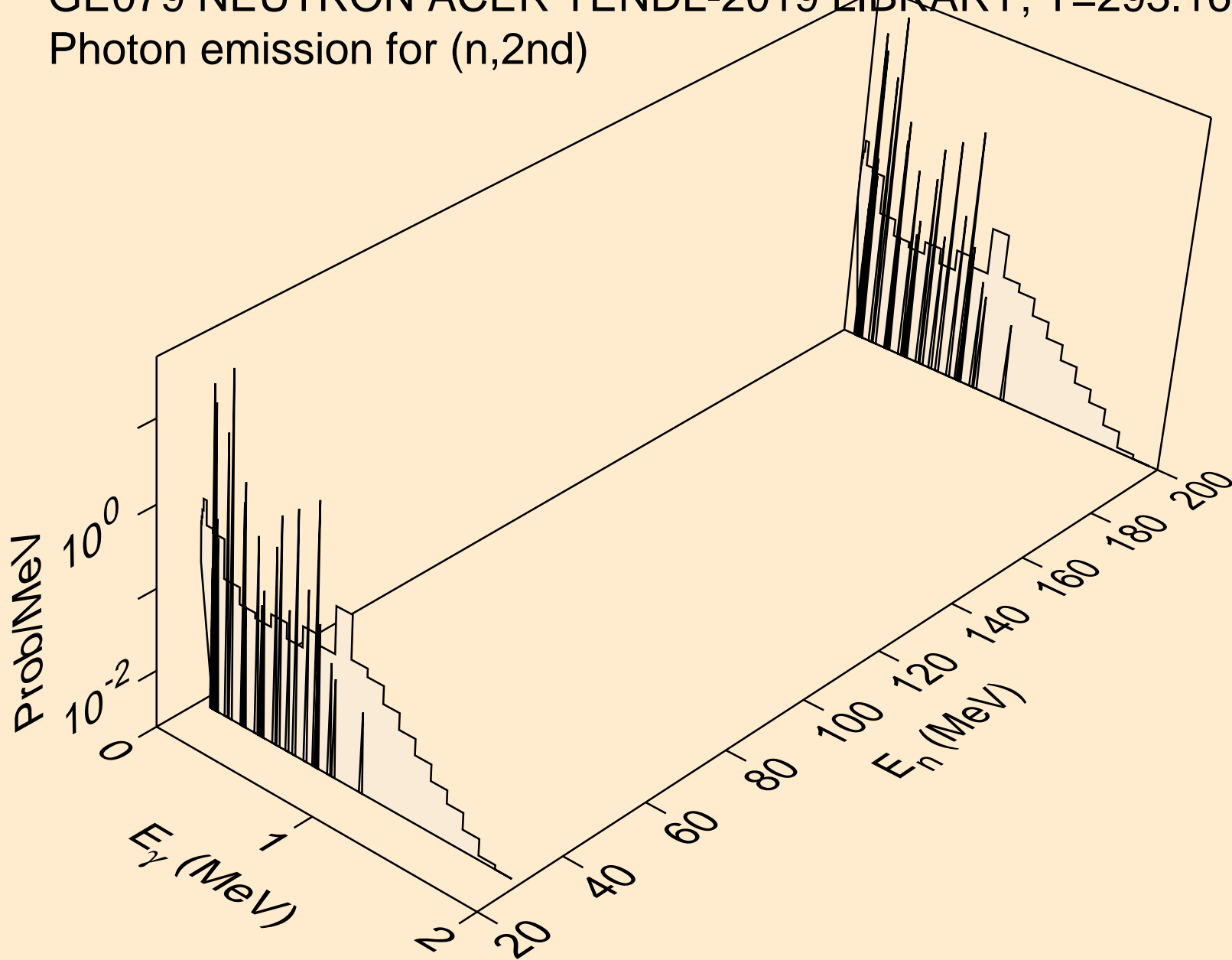
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Neutron emission for (n,n\*c)



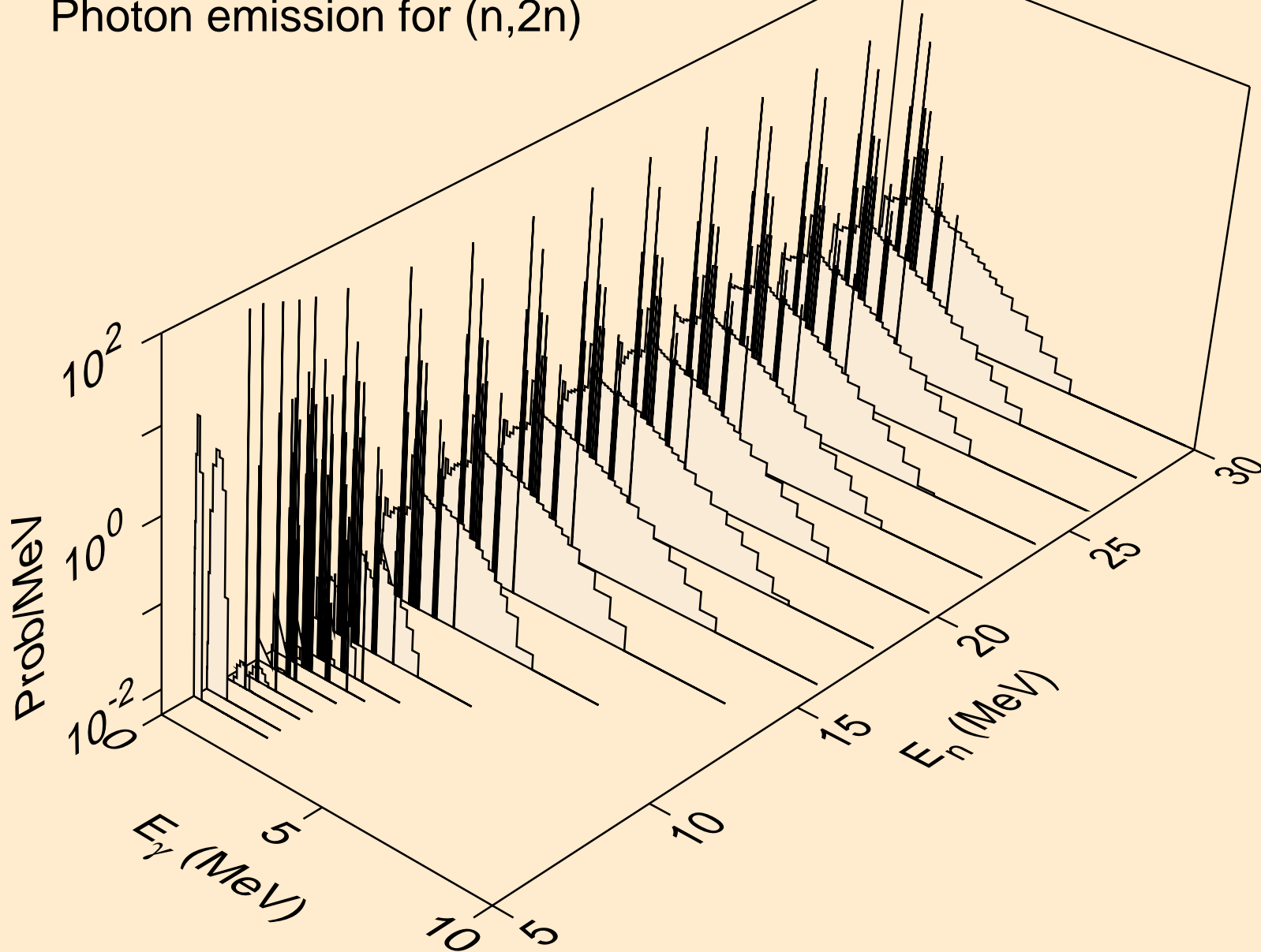
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



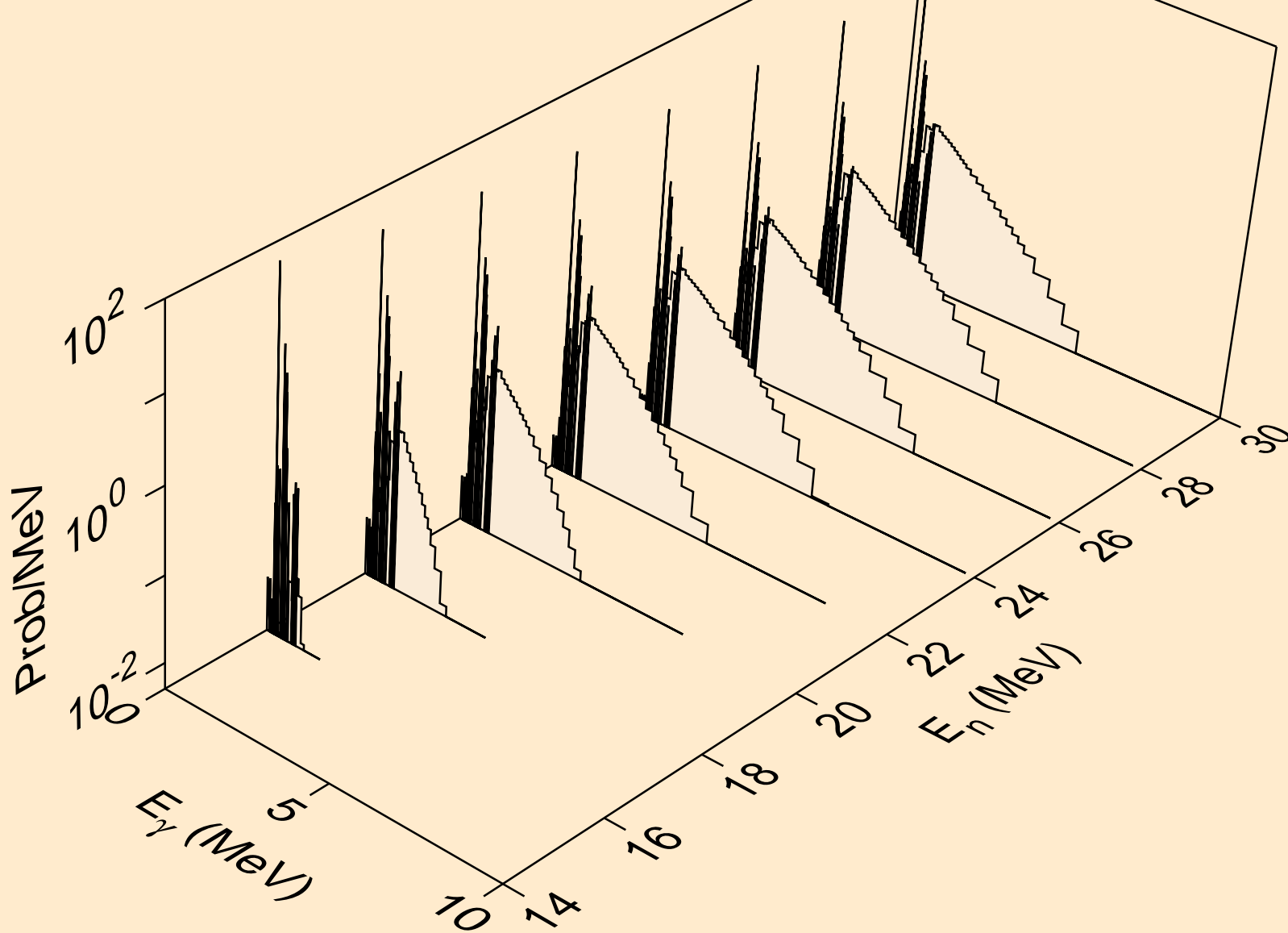
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Photon emission for (n,2nd)



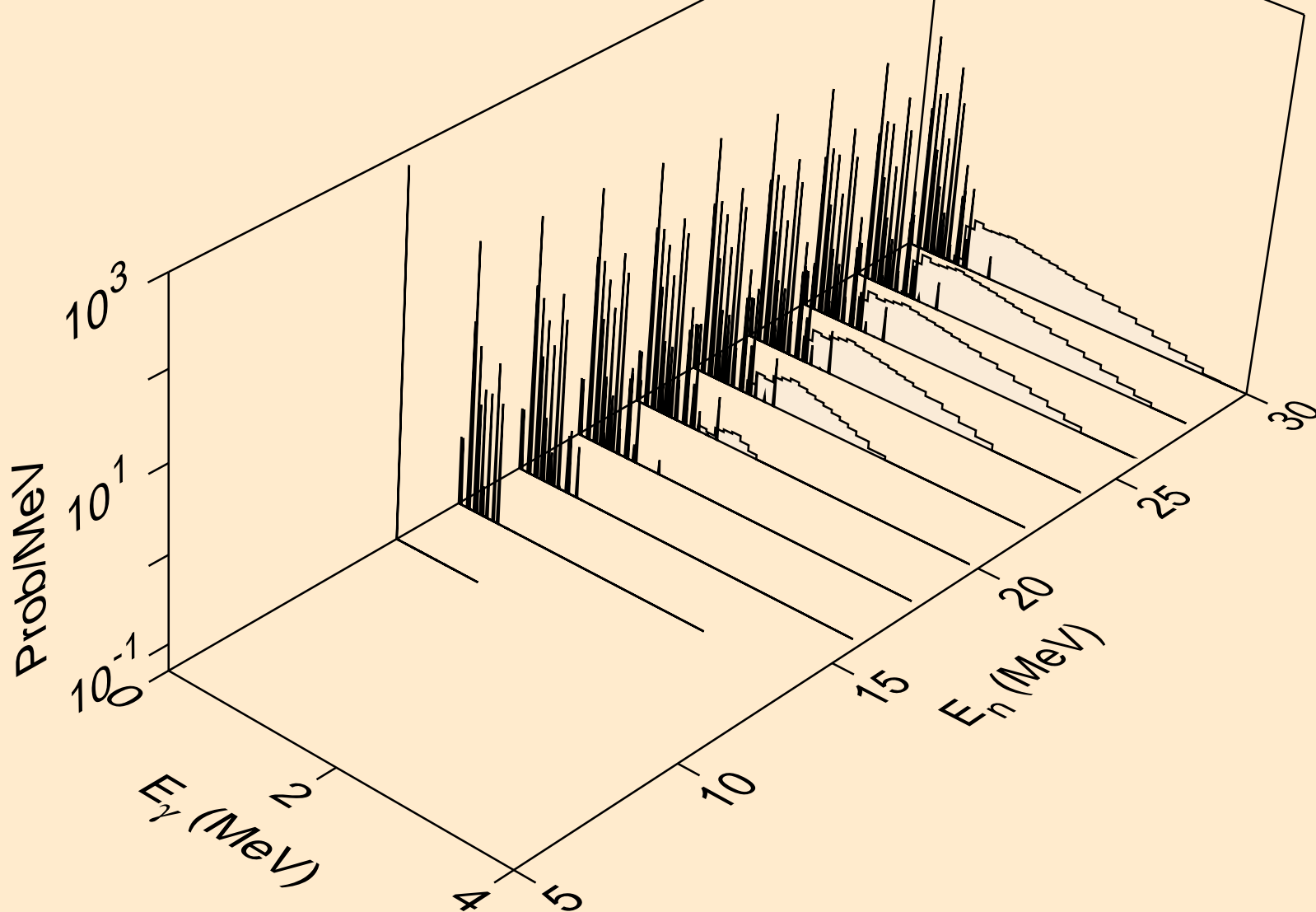
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Photon emission for (n,2n)



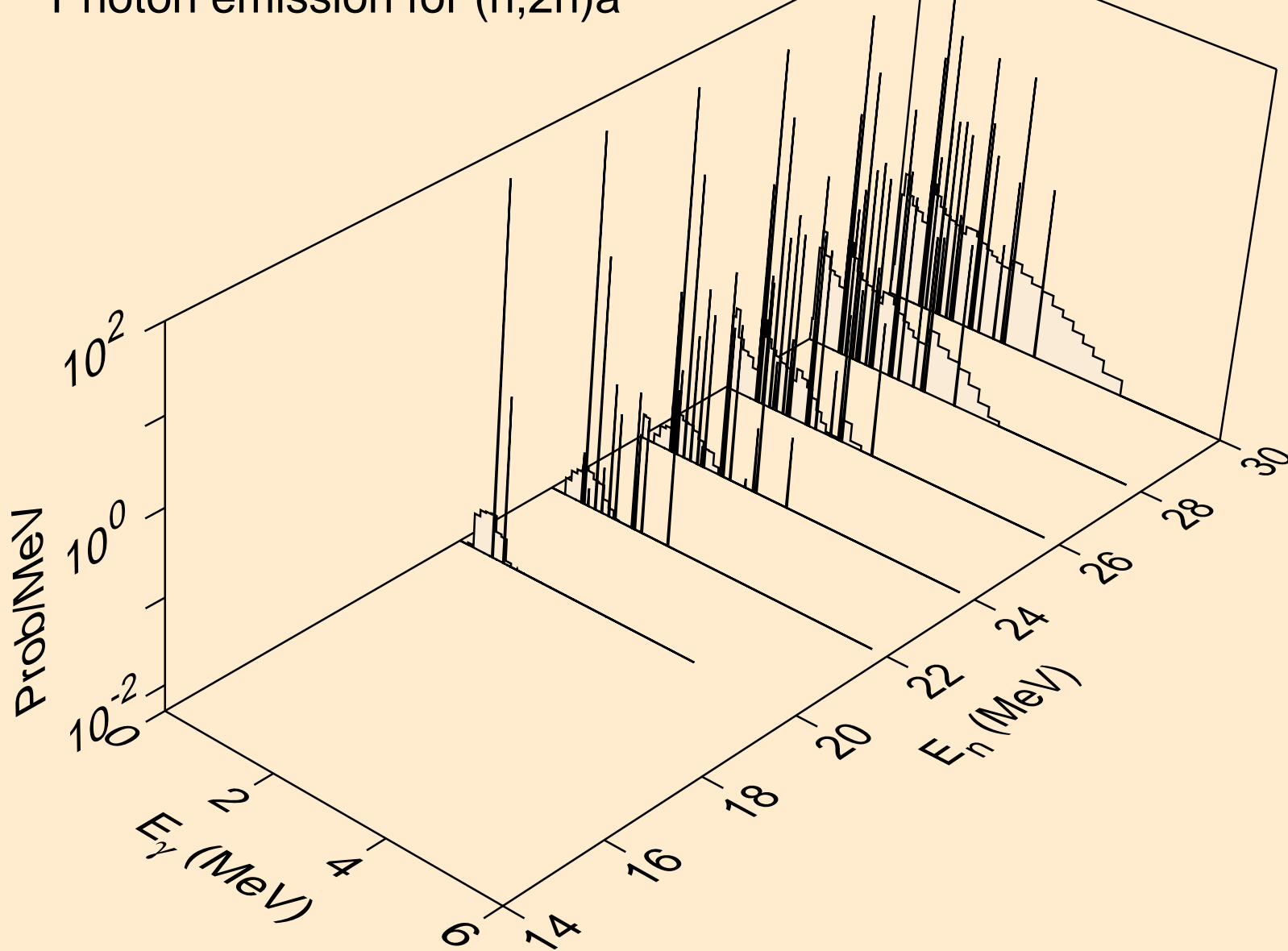
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Photon emission for (n,3n)



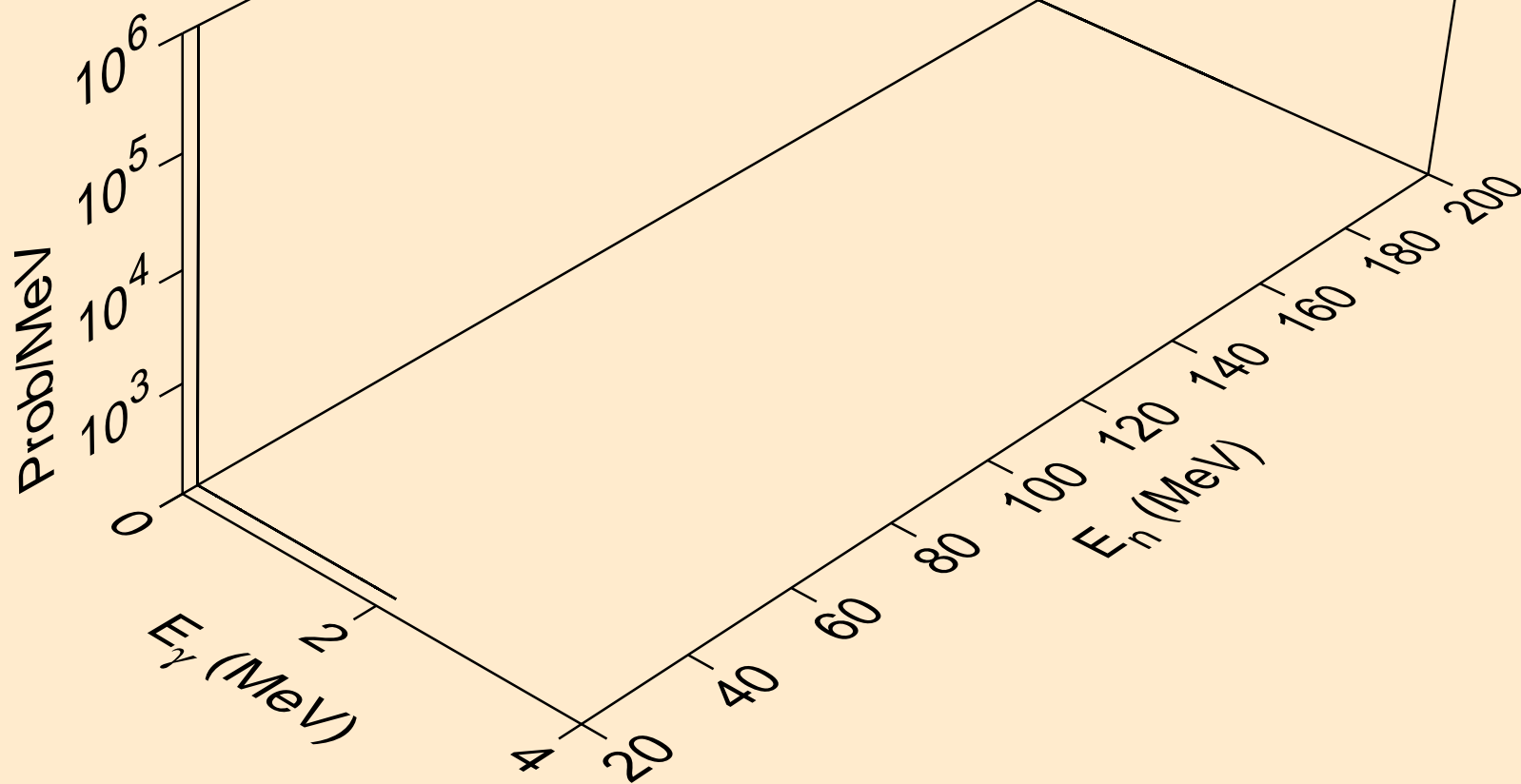
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a

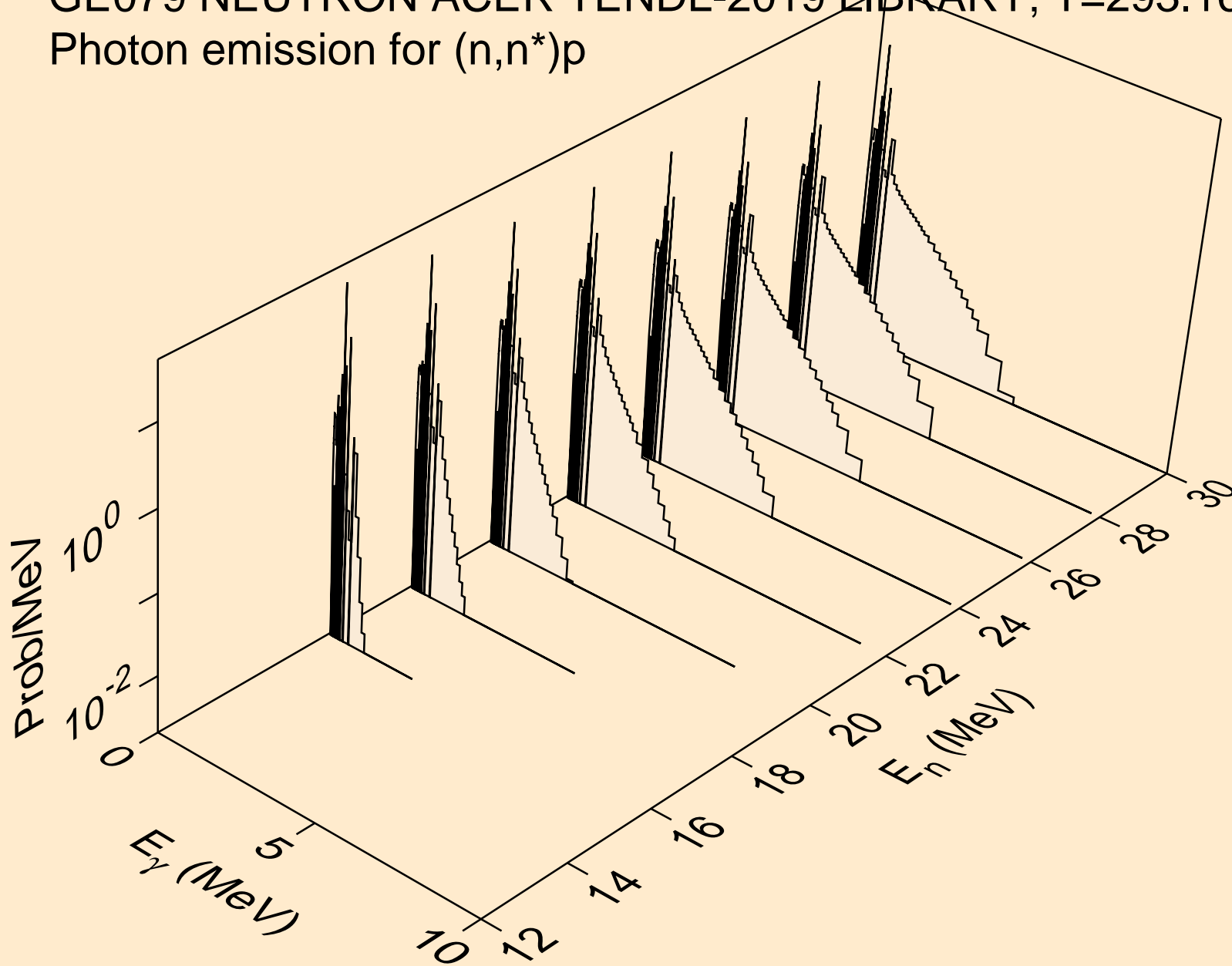


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Photon emission for (n,3n)a

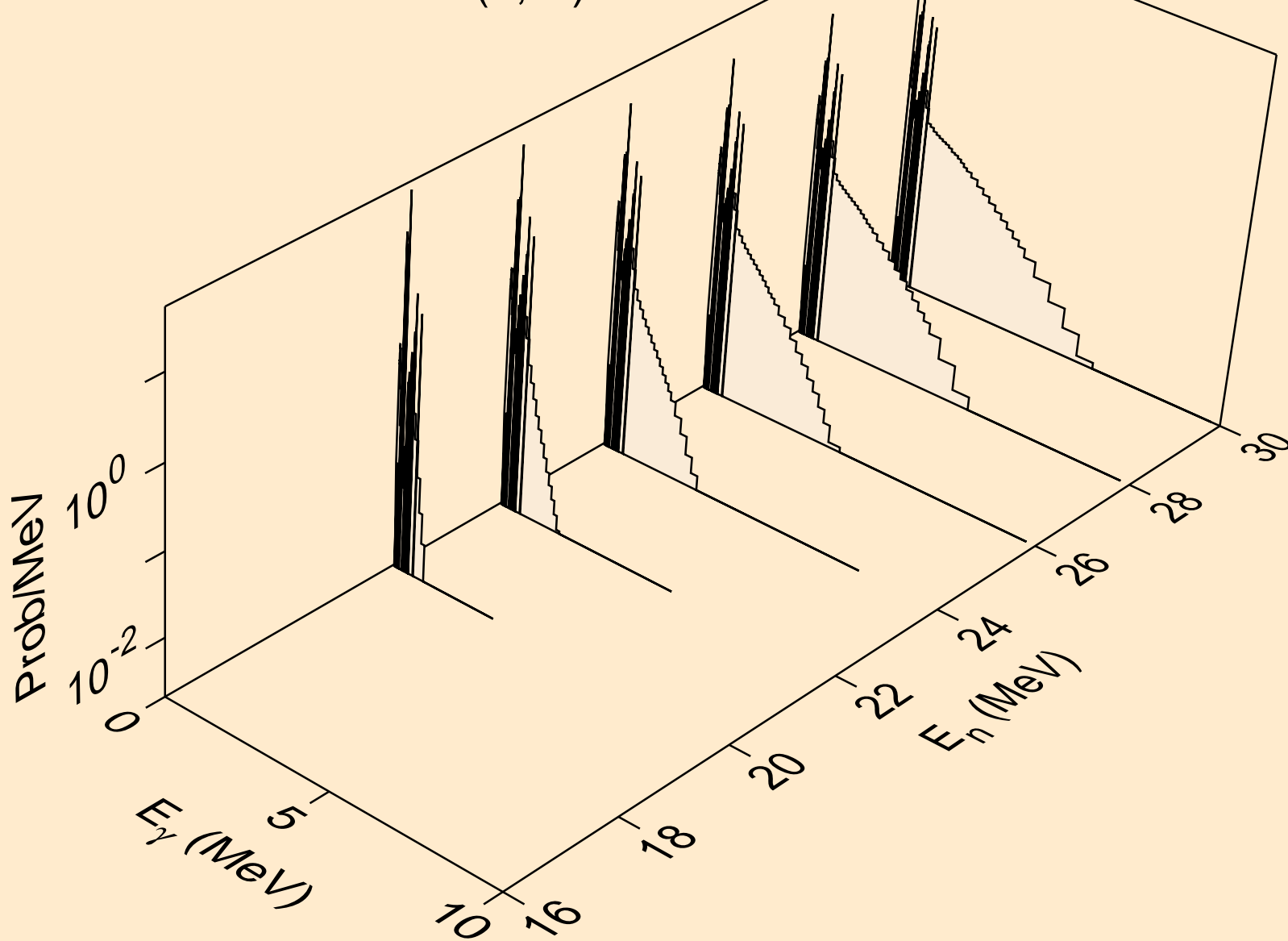




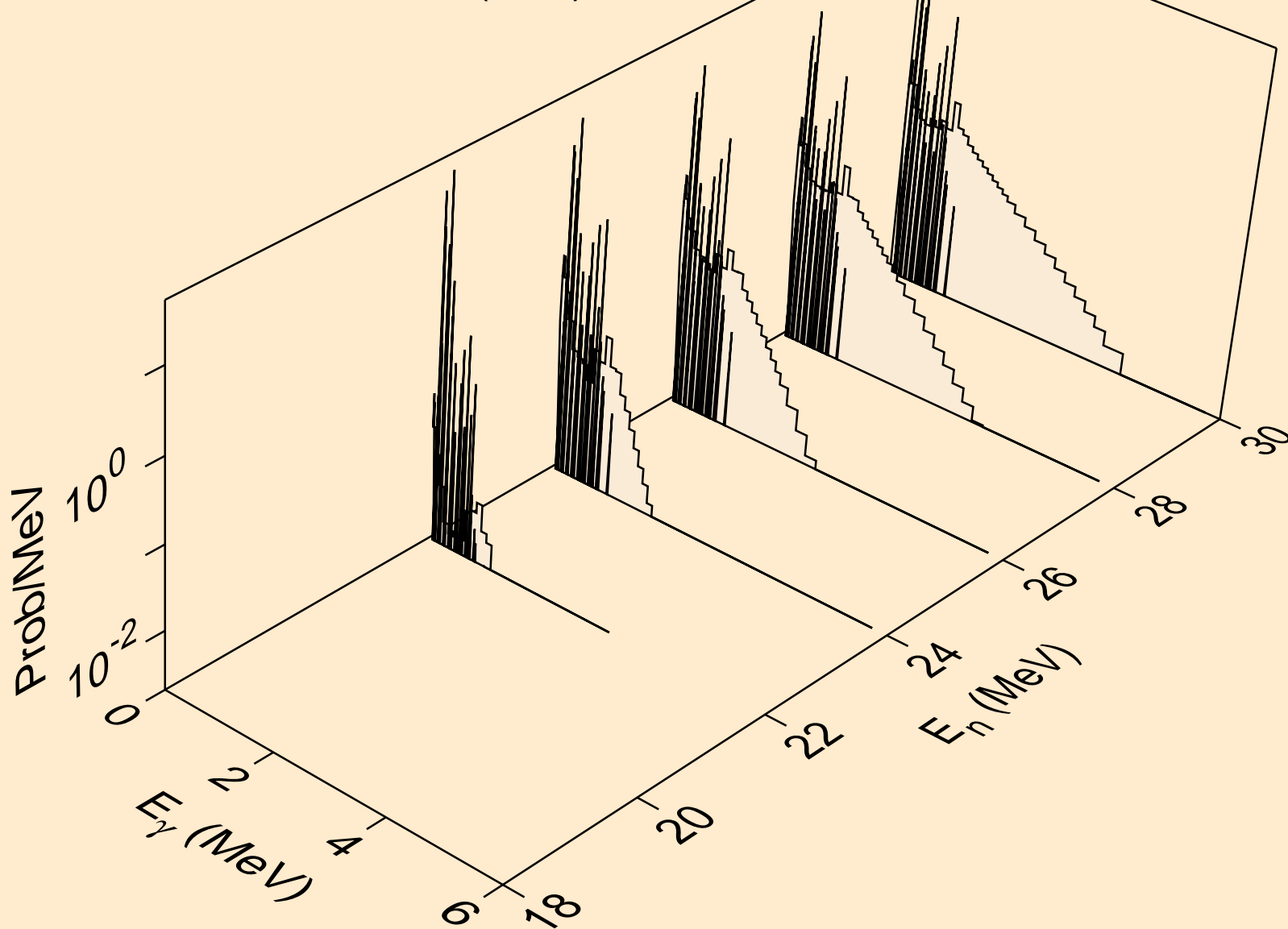
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Photon emission for (n,n\*)p



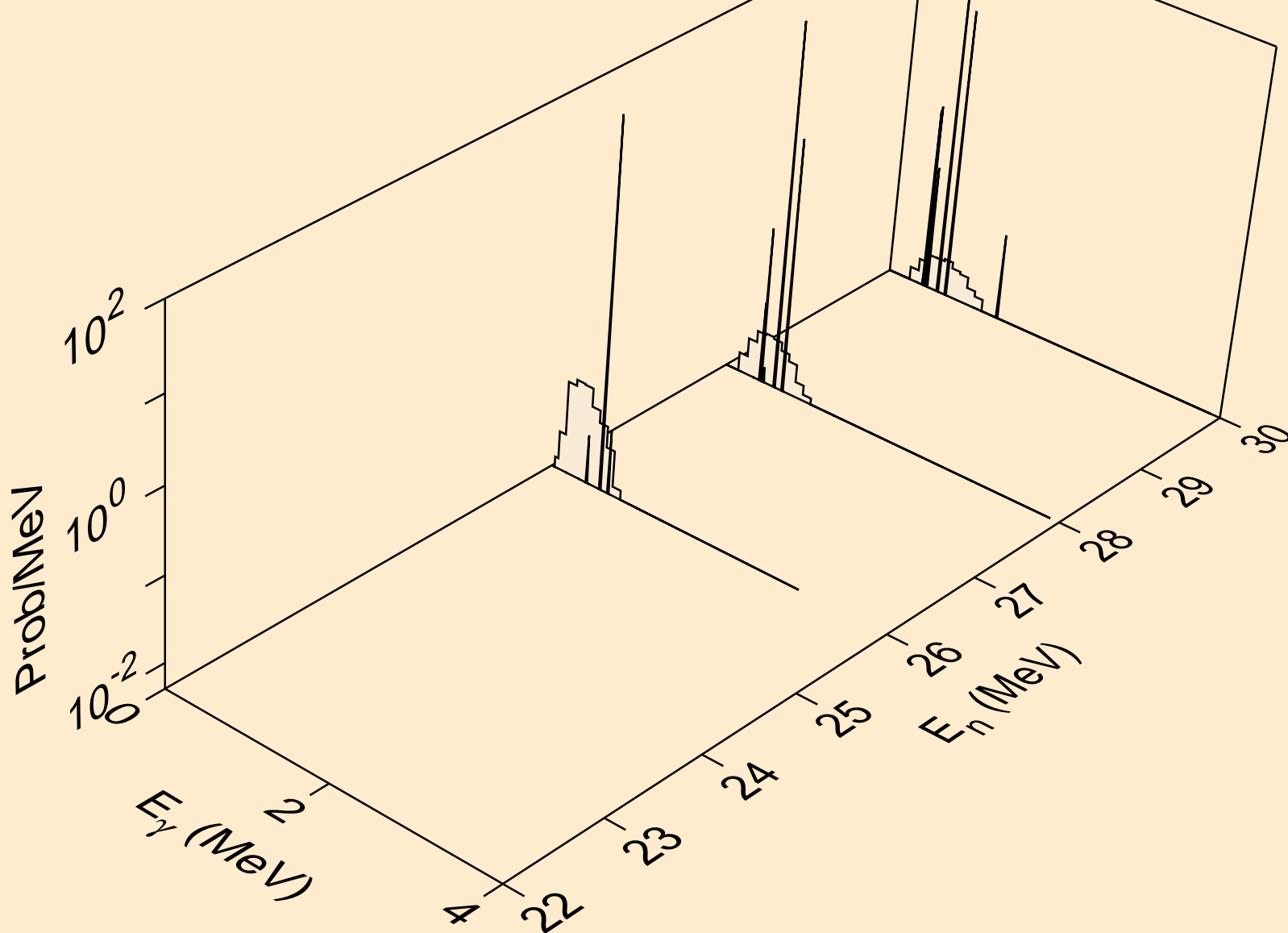
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



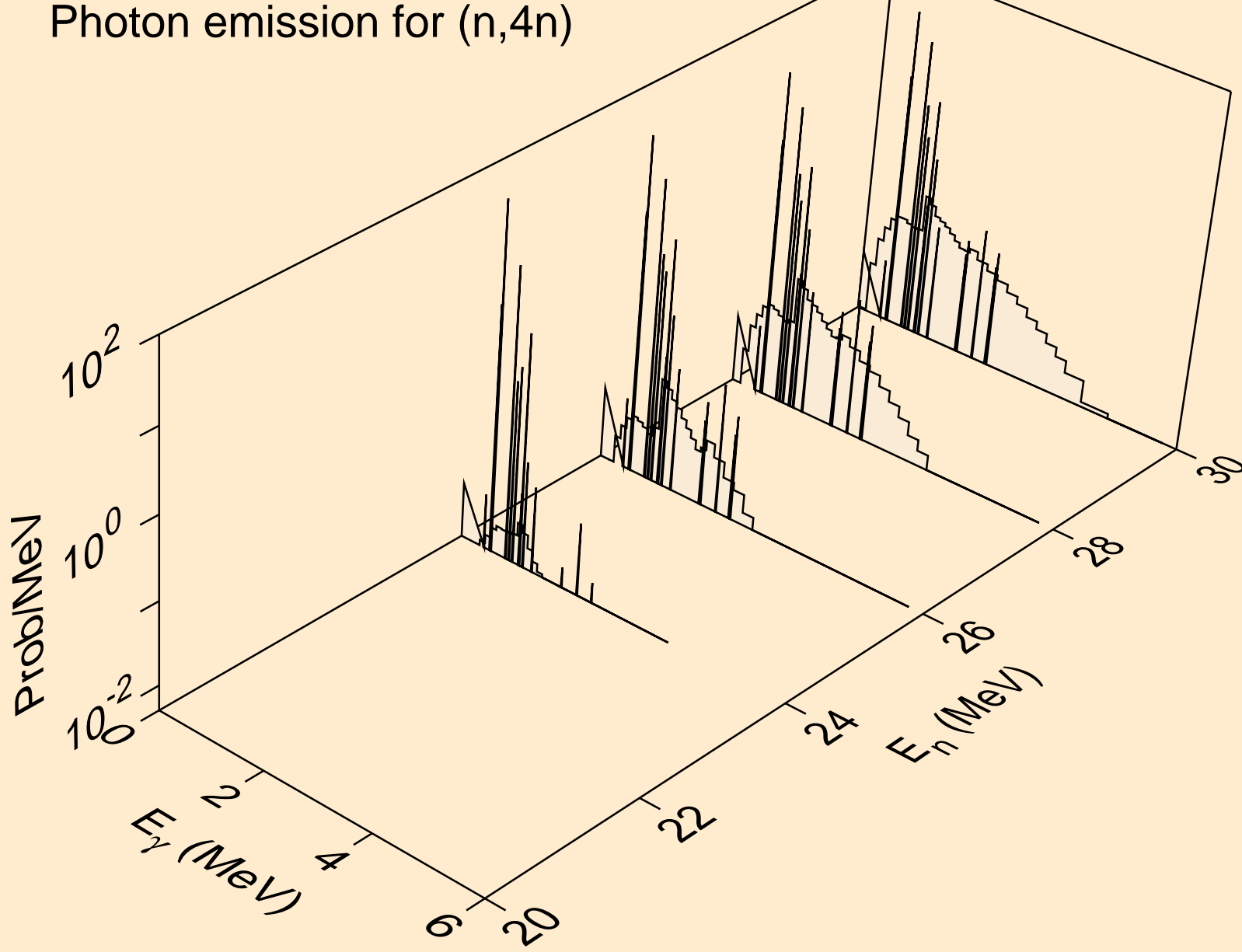
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Photon emission for (n,n\*)t



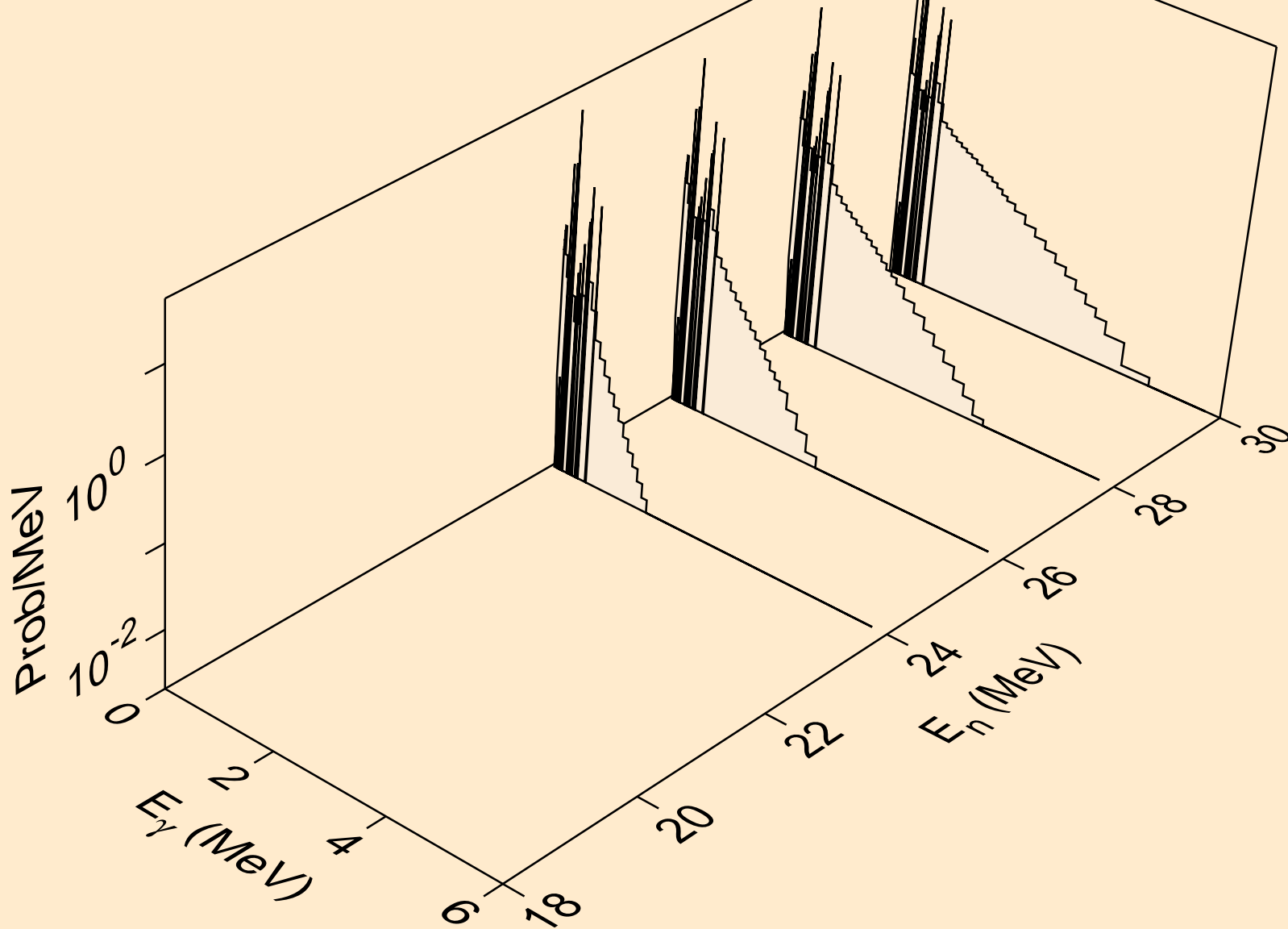
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



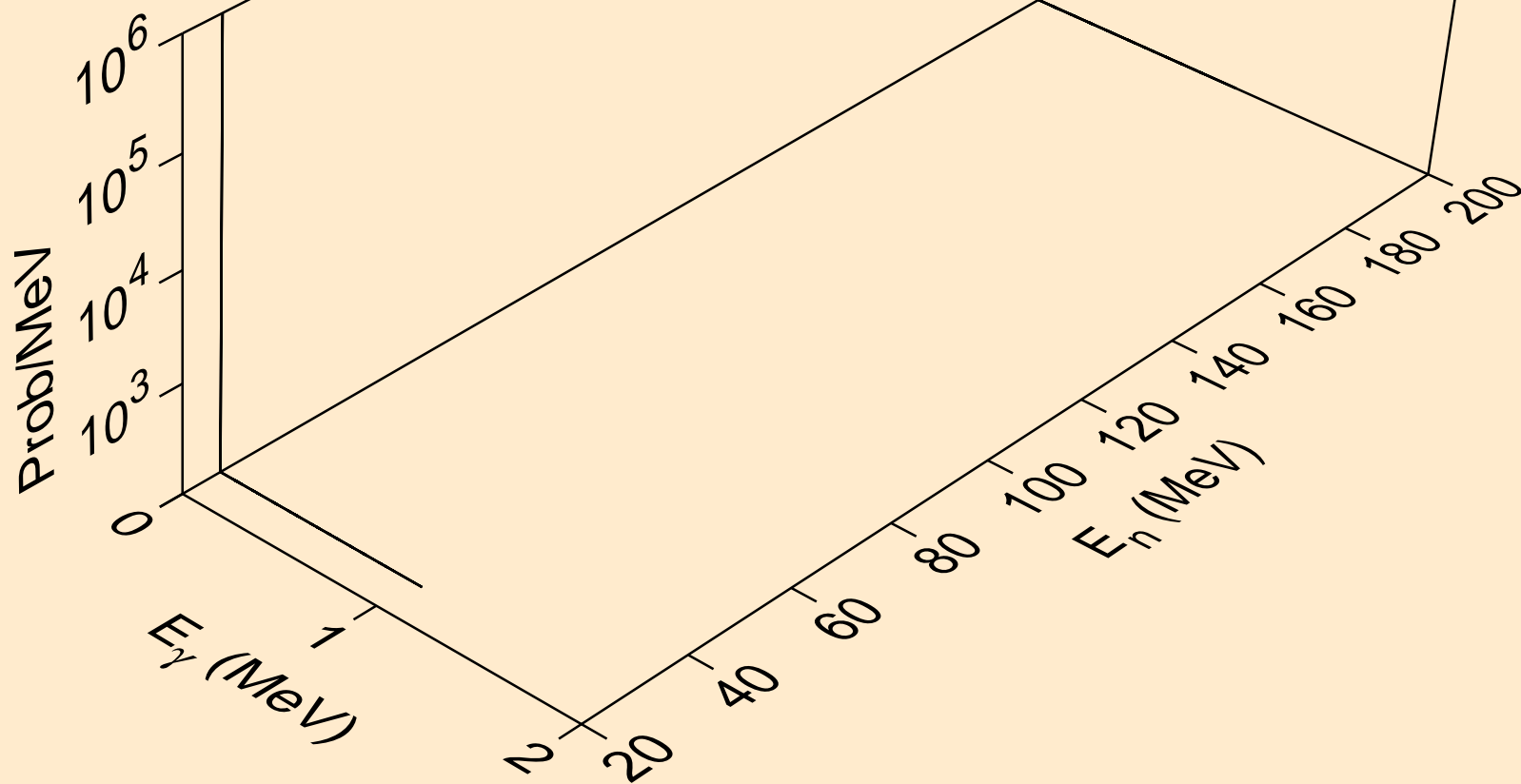
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Photon emission for (n,4n)



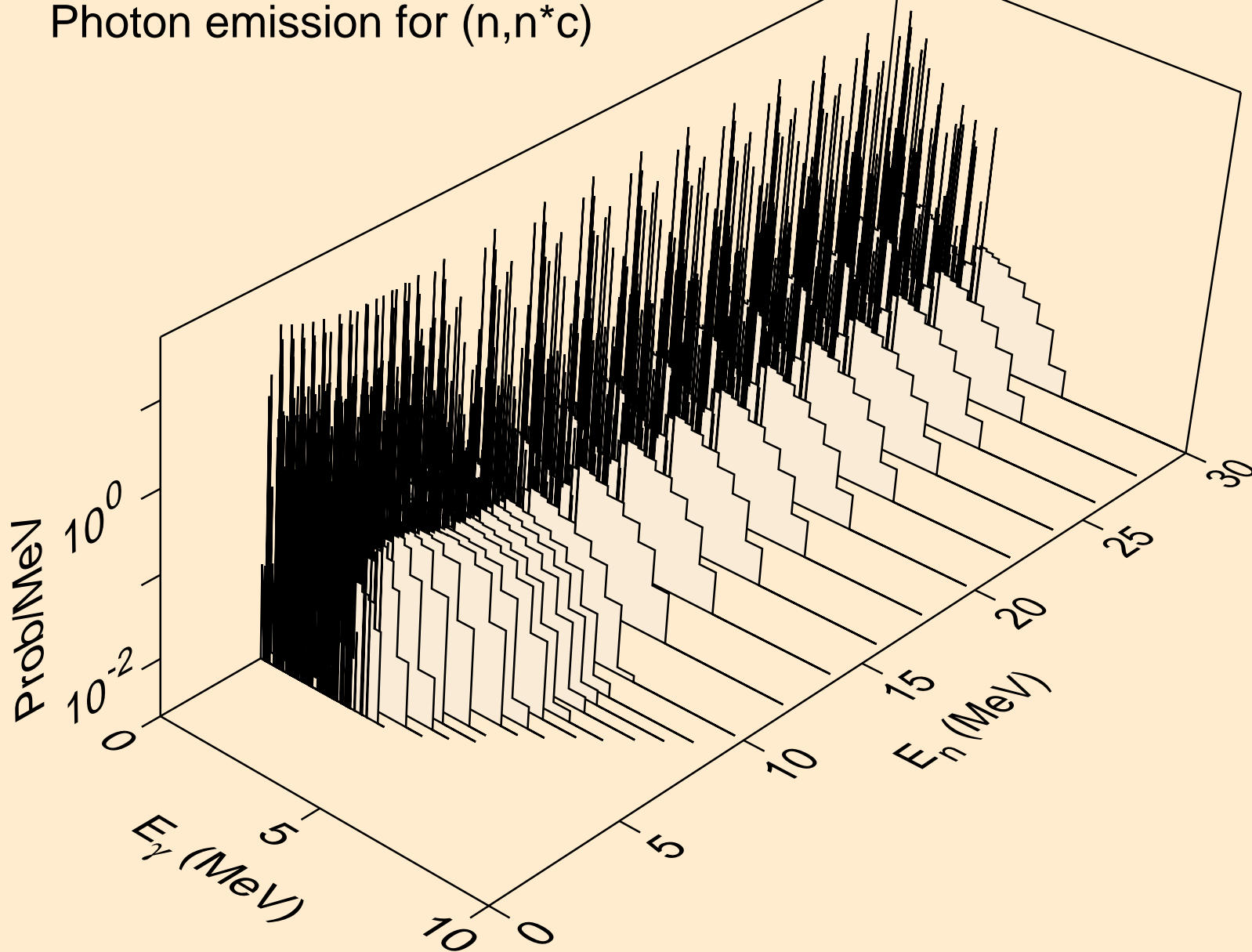
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

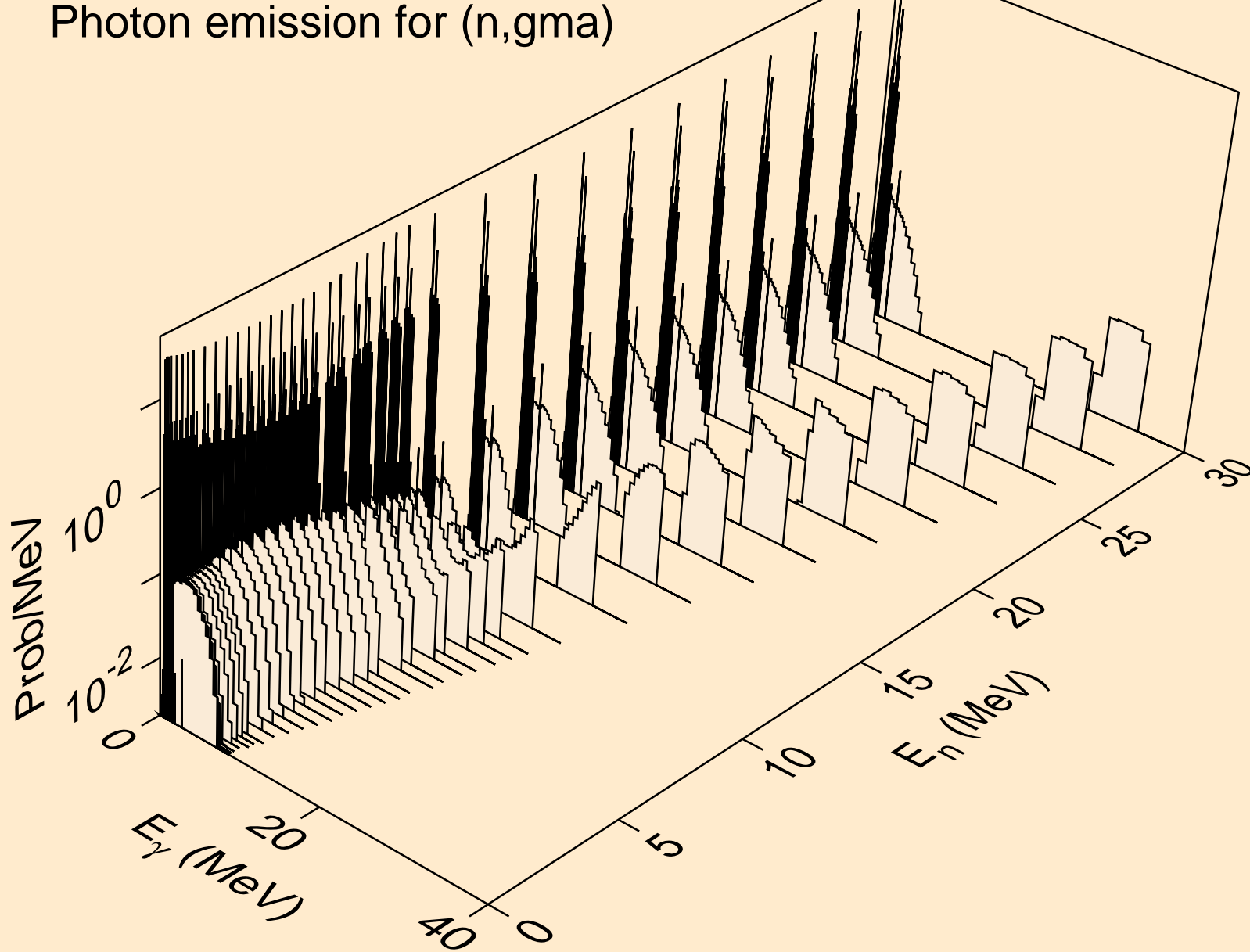


GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)

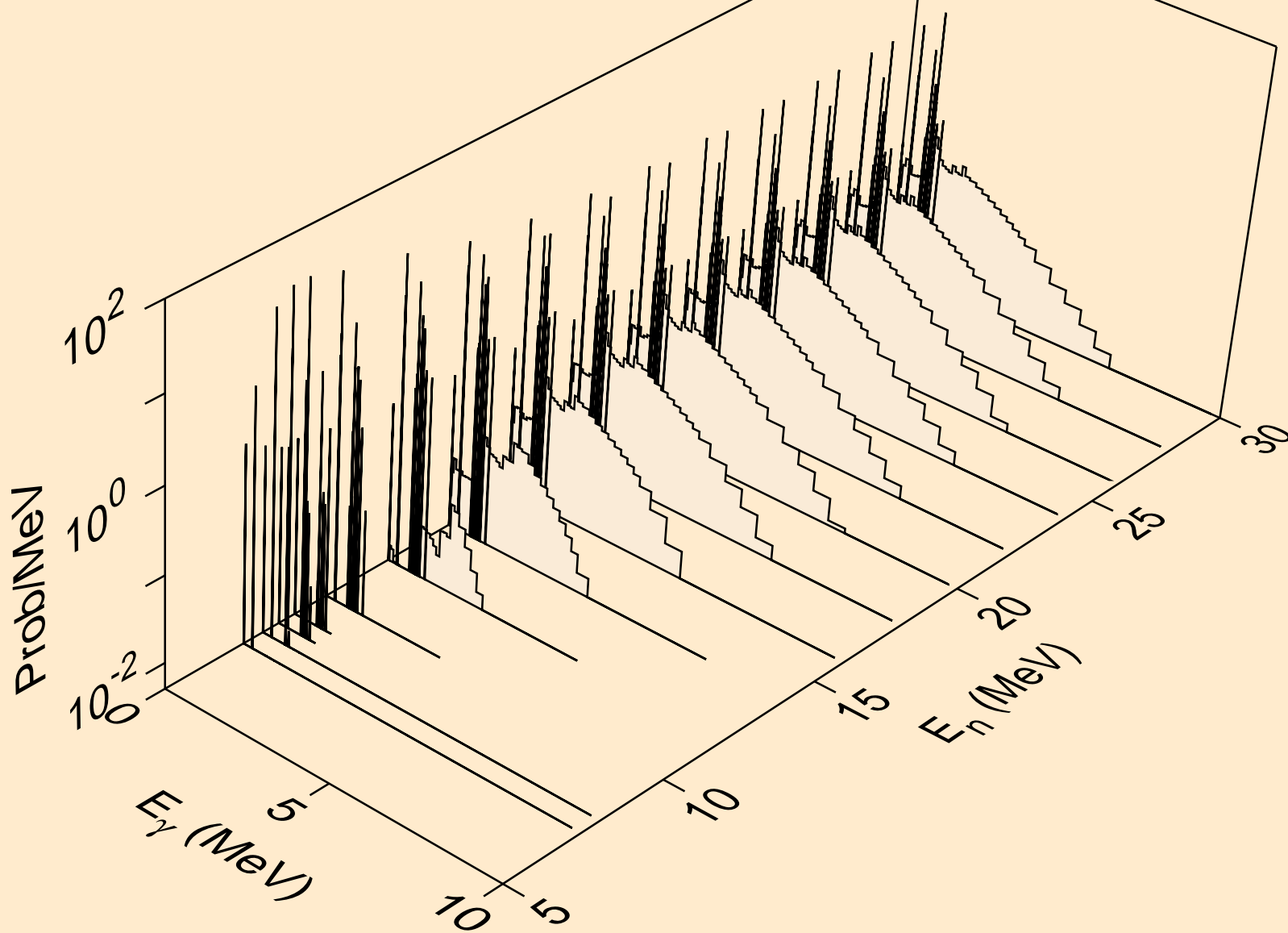




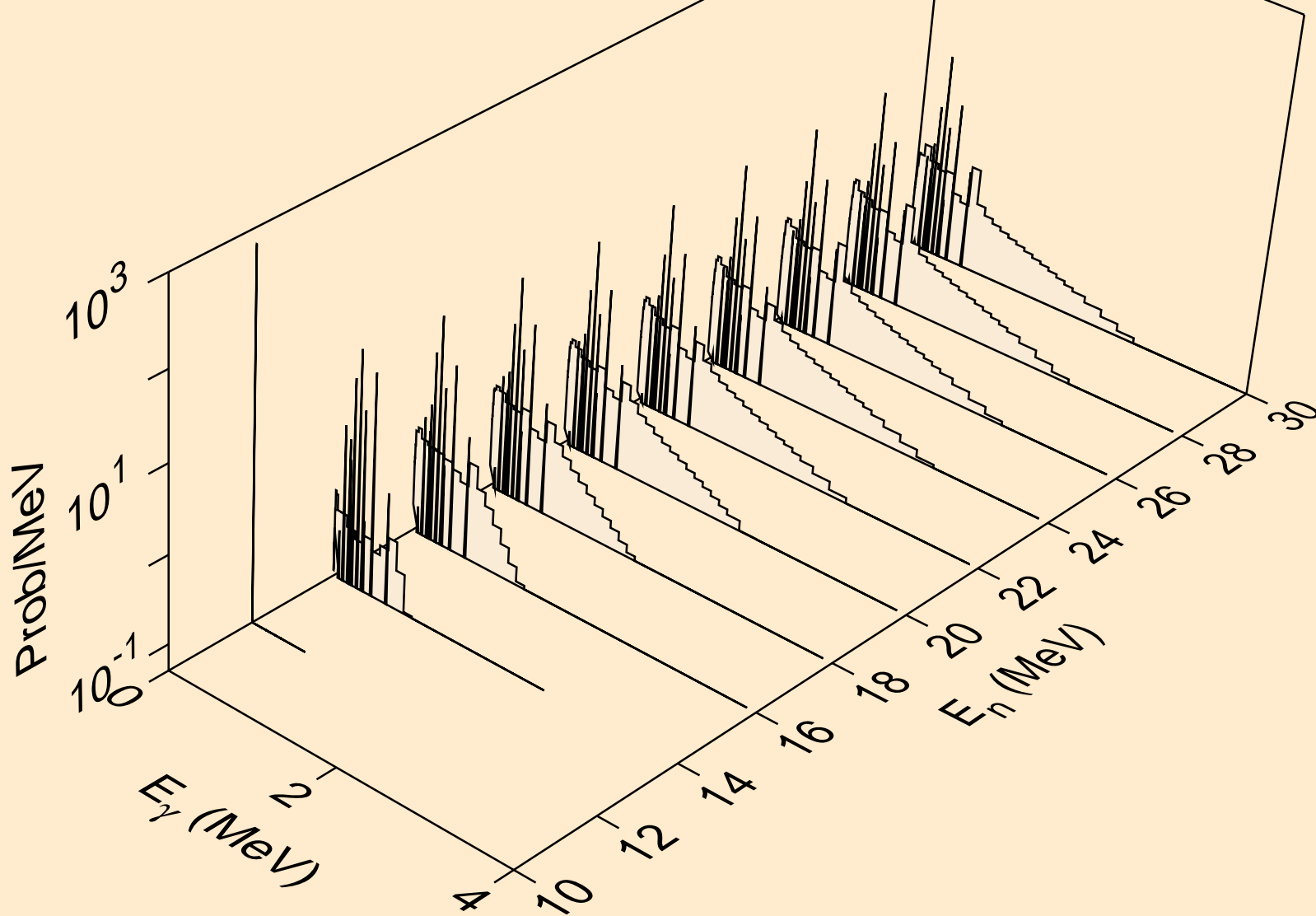
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Photon emission for (n,gma)



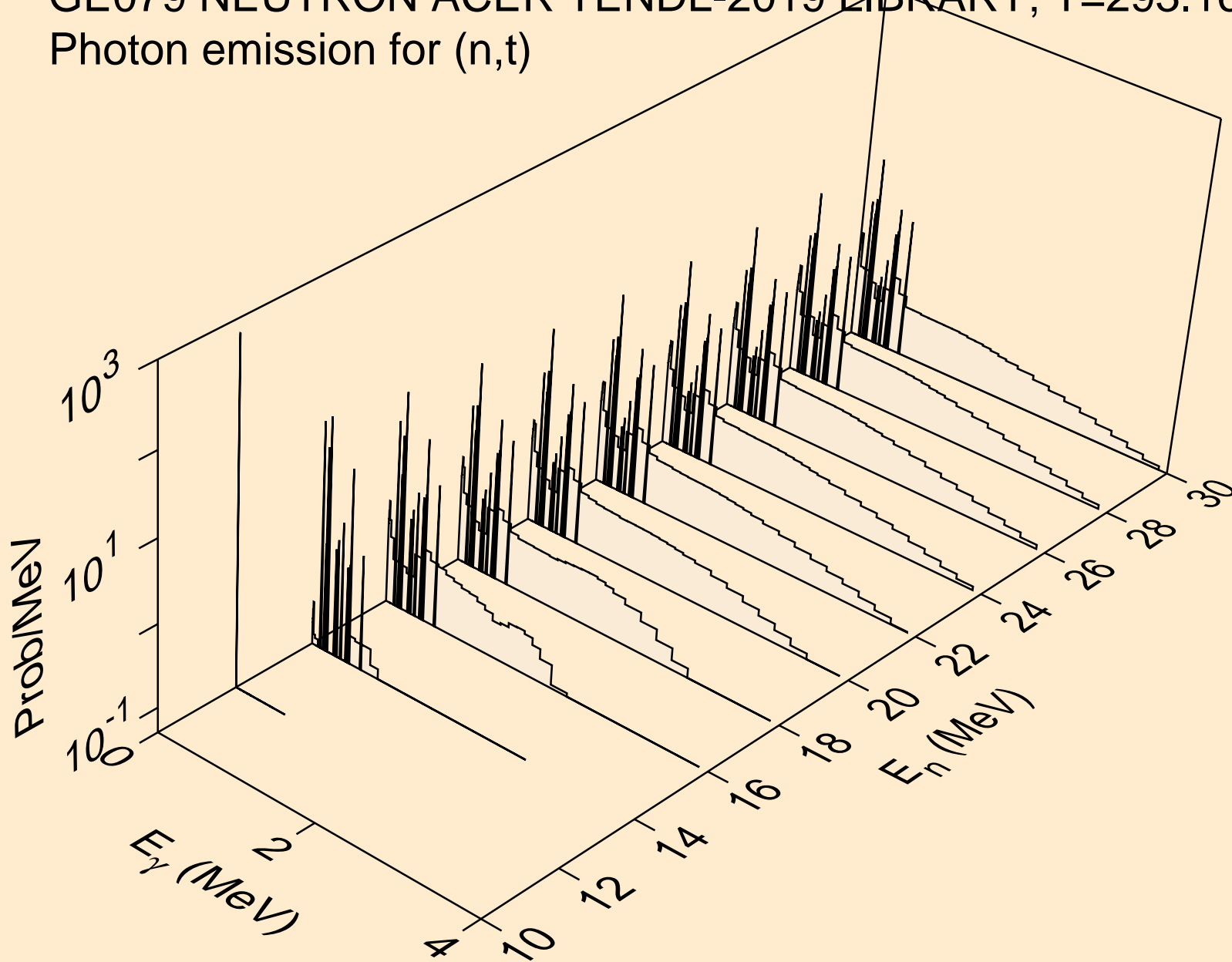
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Photon emission for (n,p)



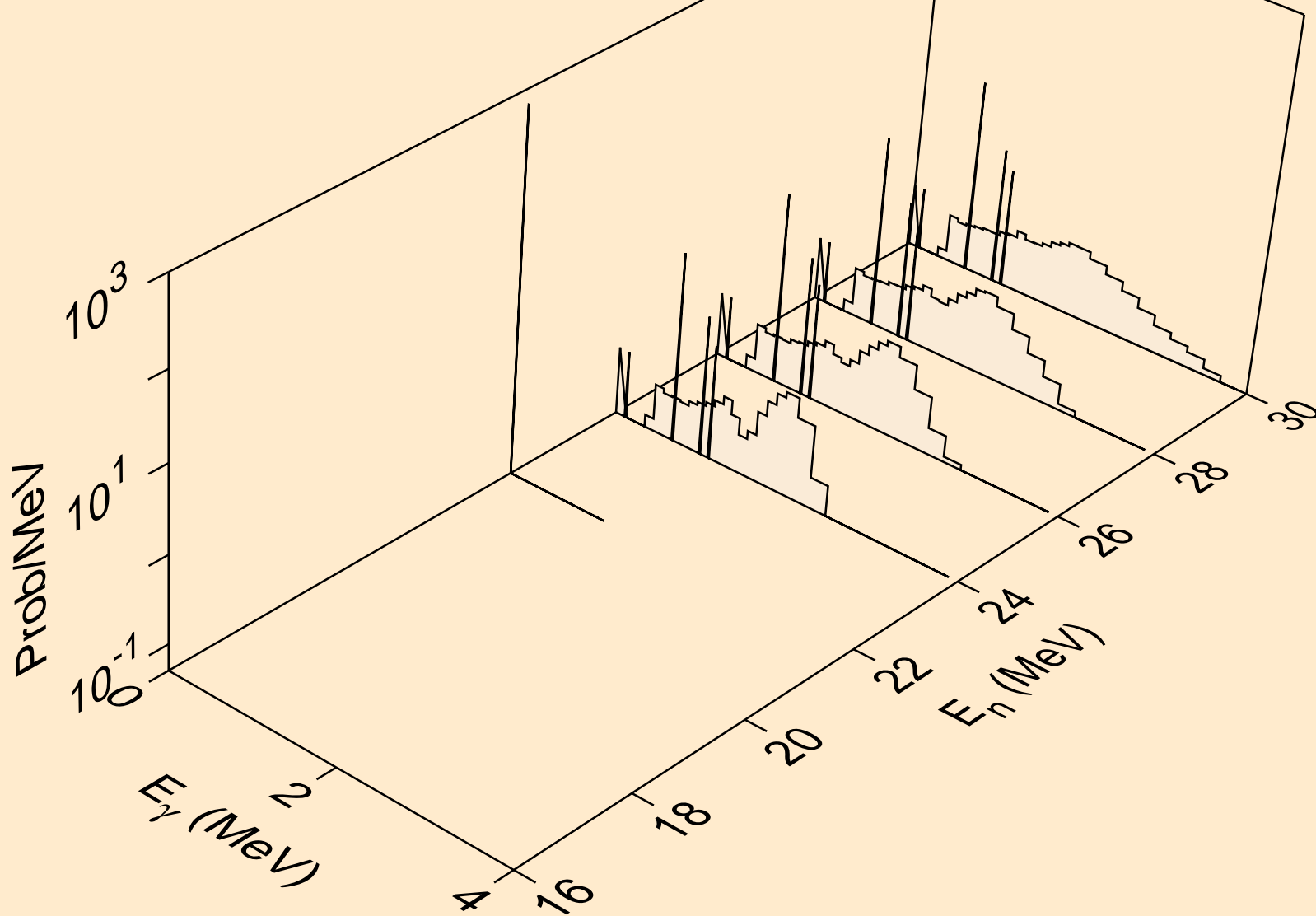
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Photon emission for (n,d)



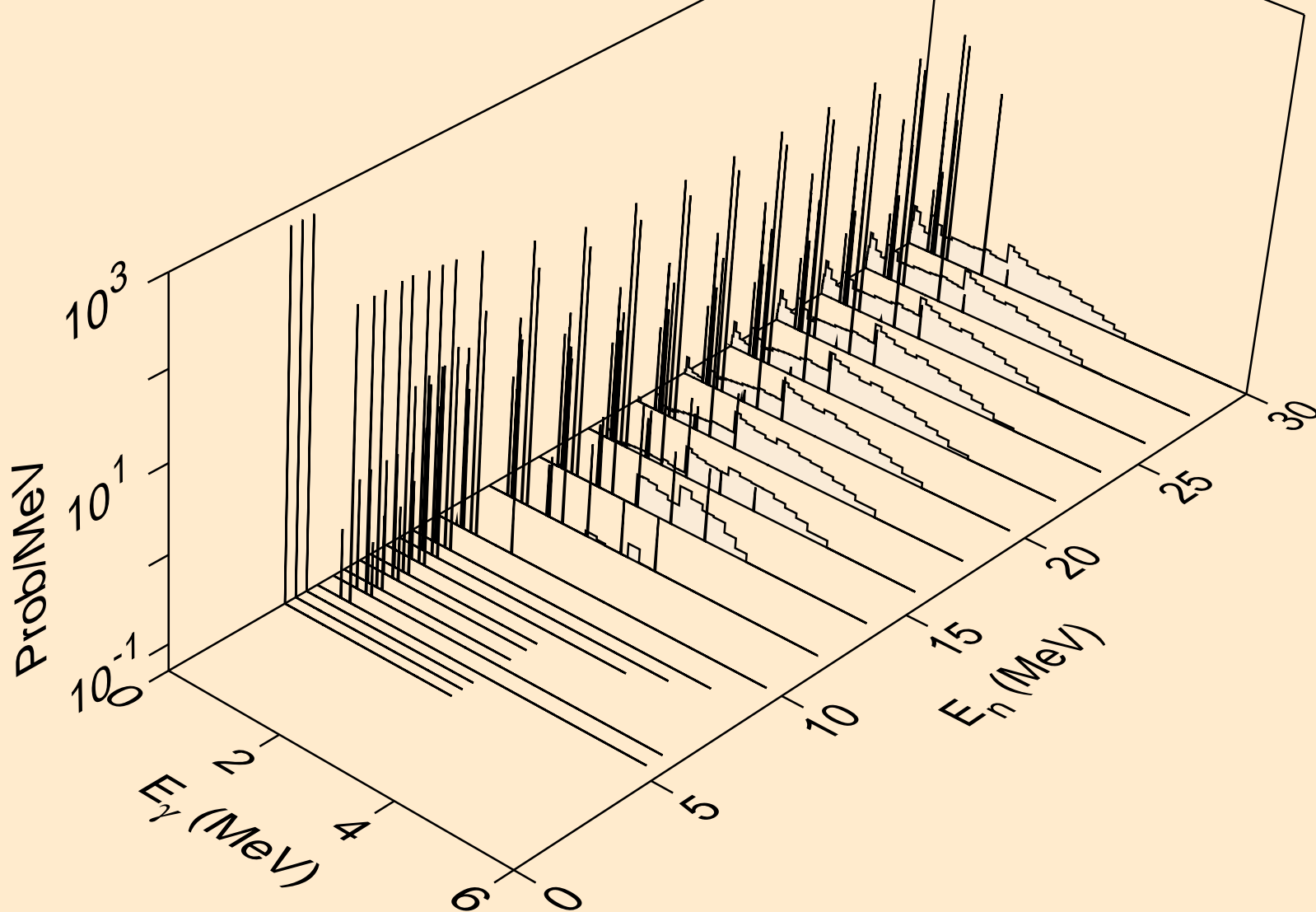
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Photon emission for (n,t)



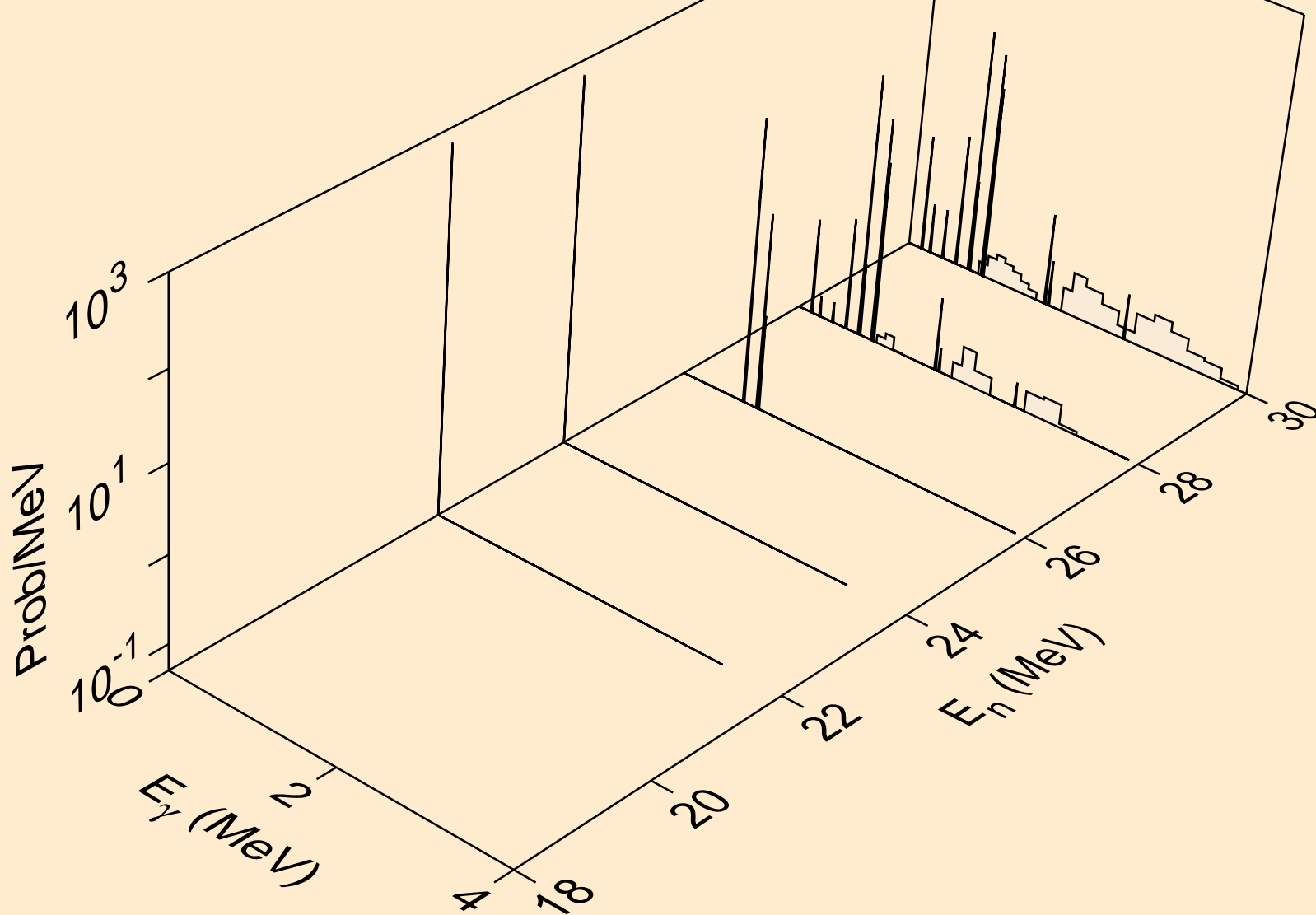
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Photon emission for (n,he3)



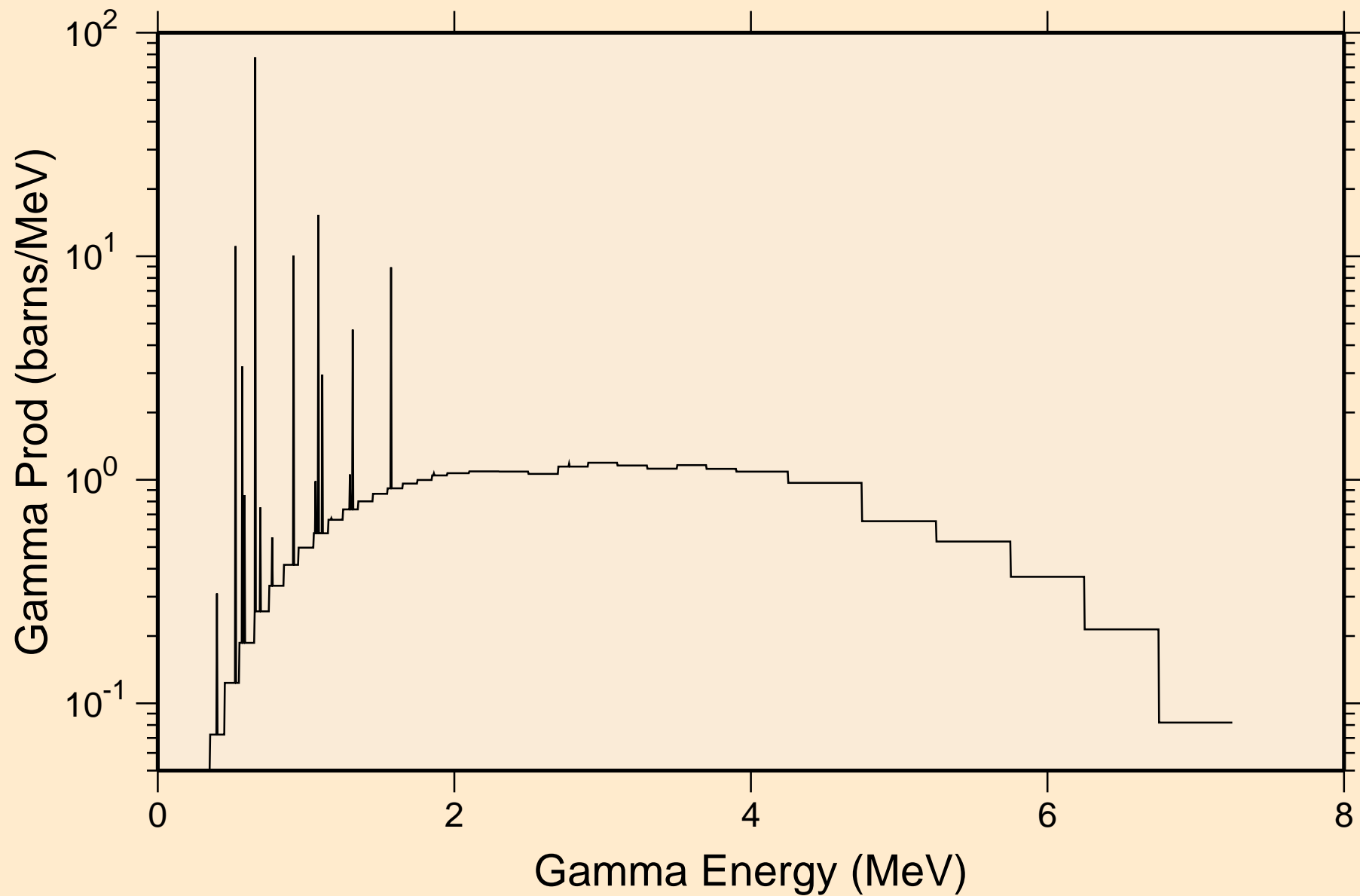
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)

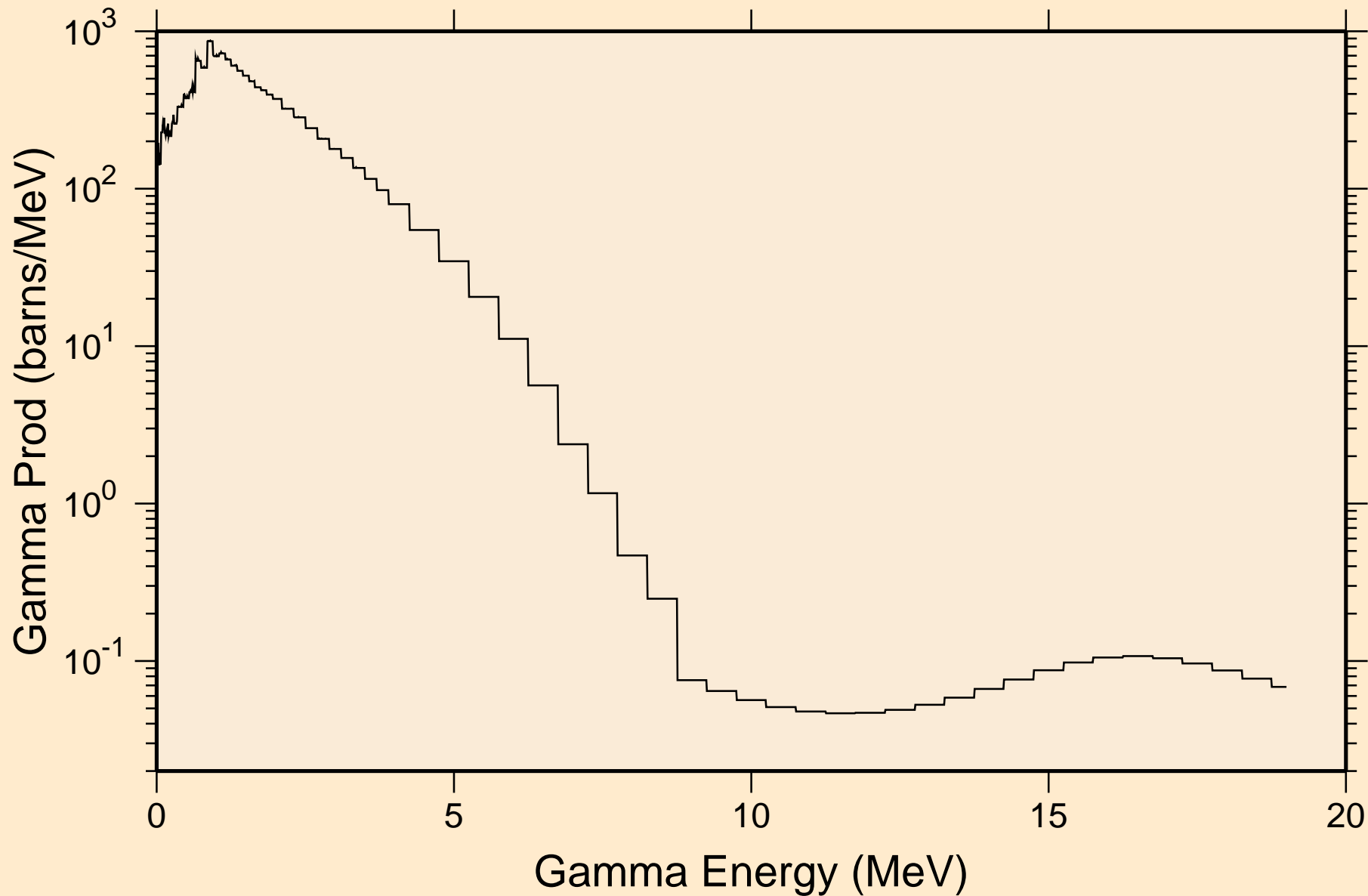


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thermal capture photon spectrum

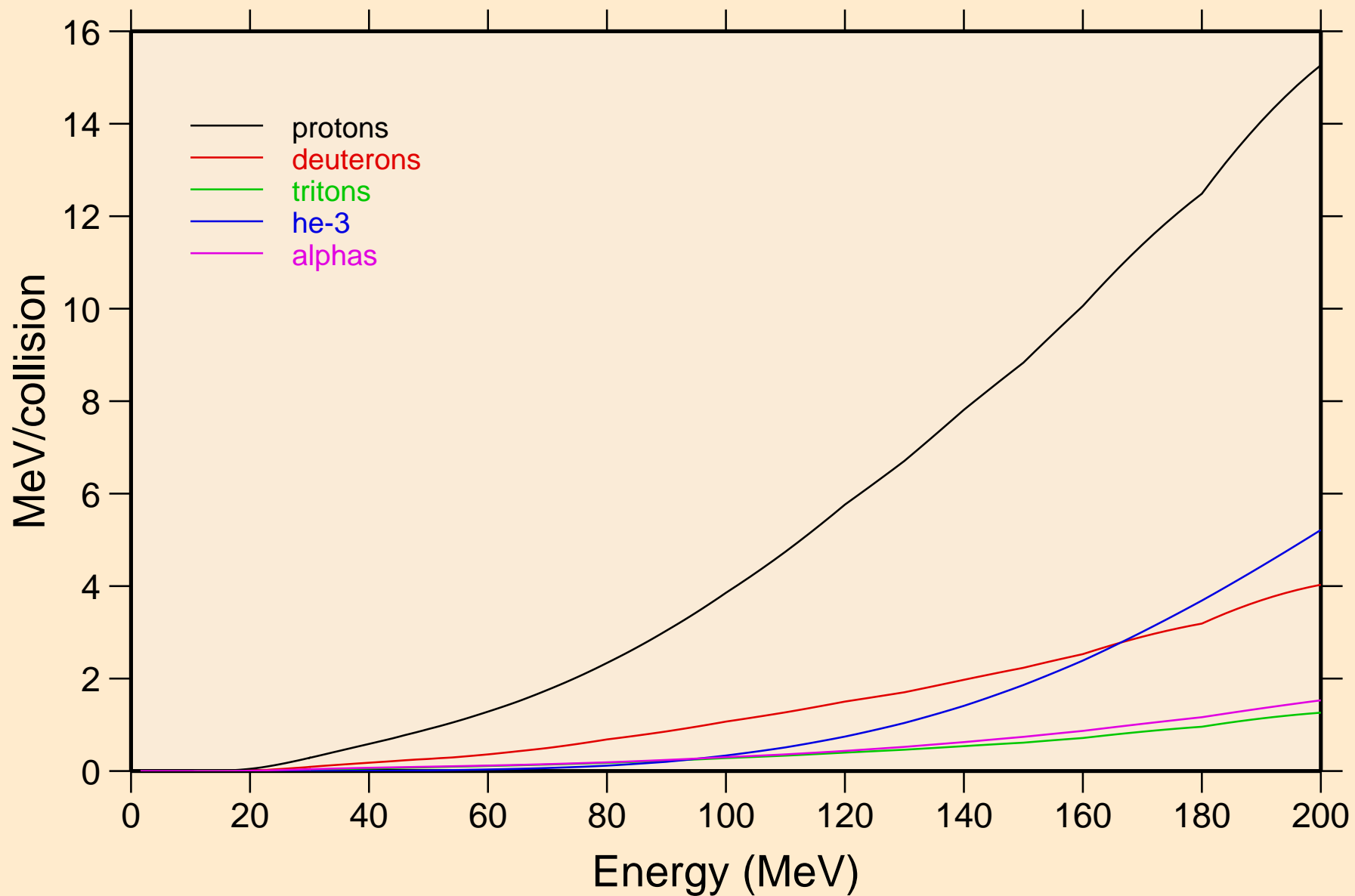




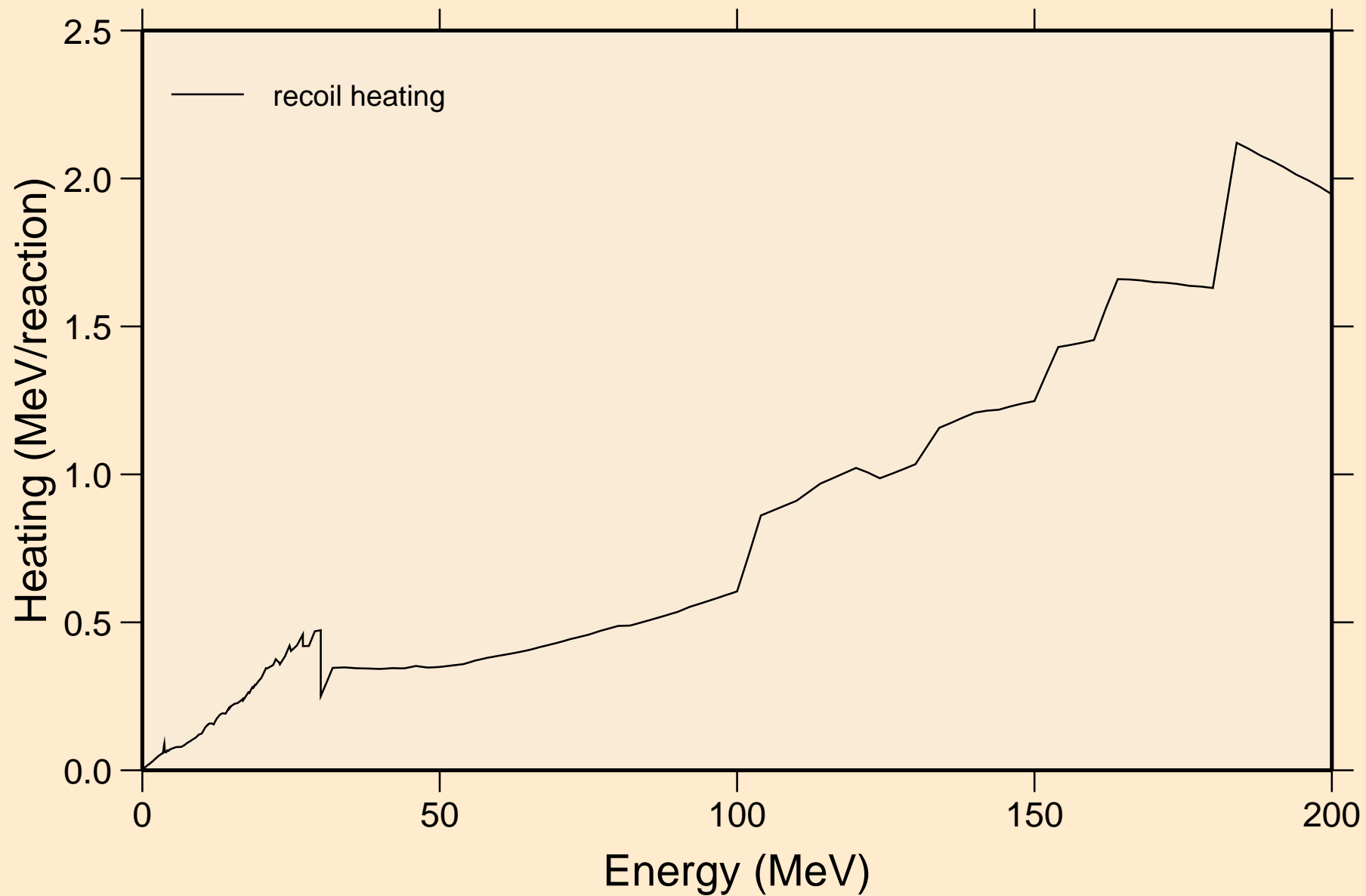
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14 MeV photon spectrum



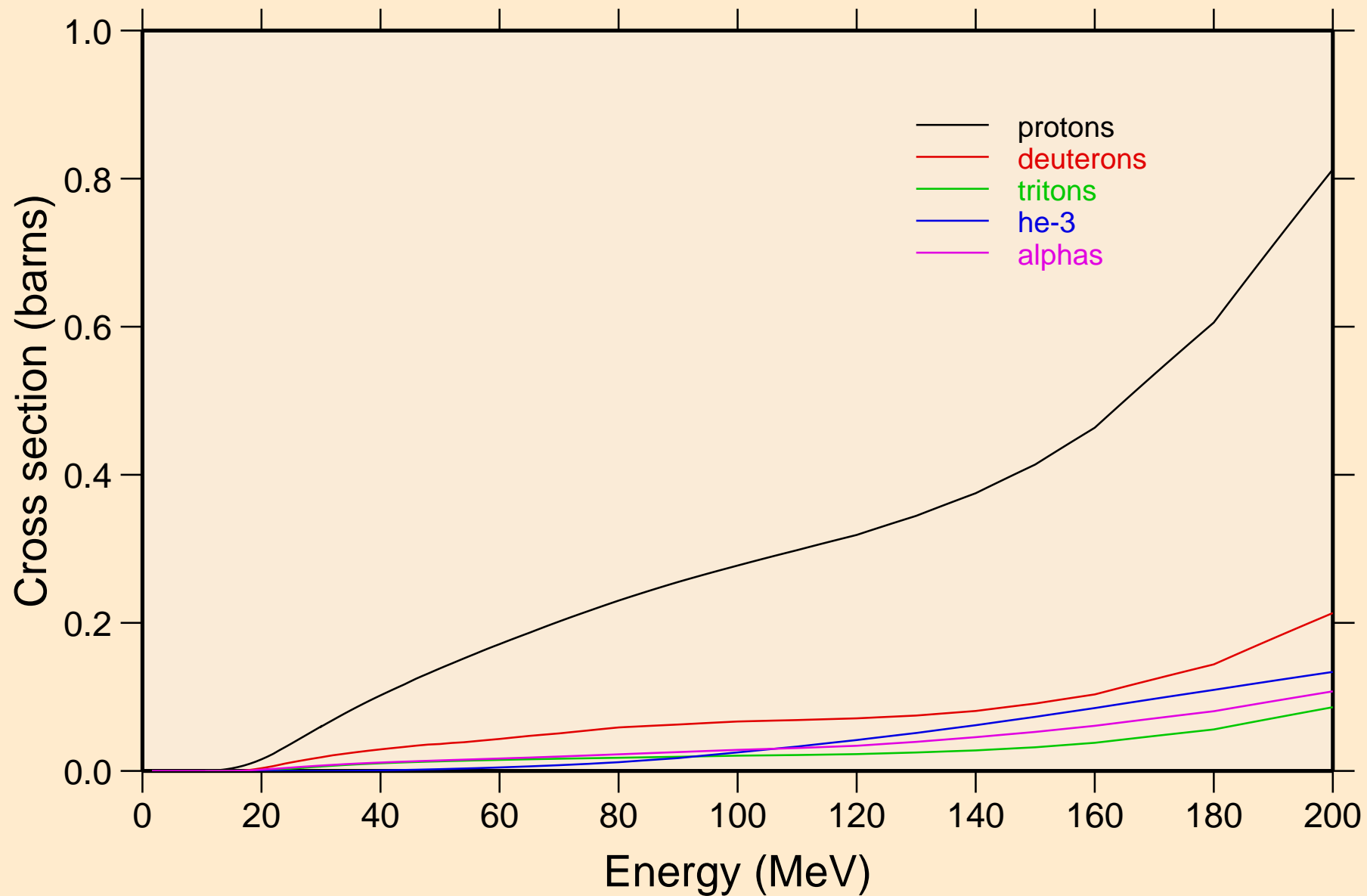
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Particle heating contributions



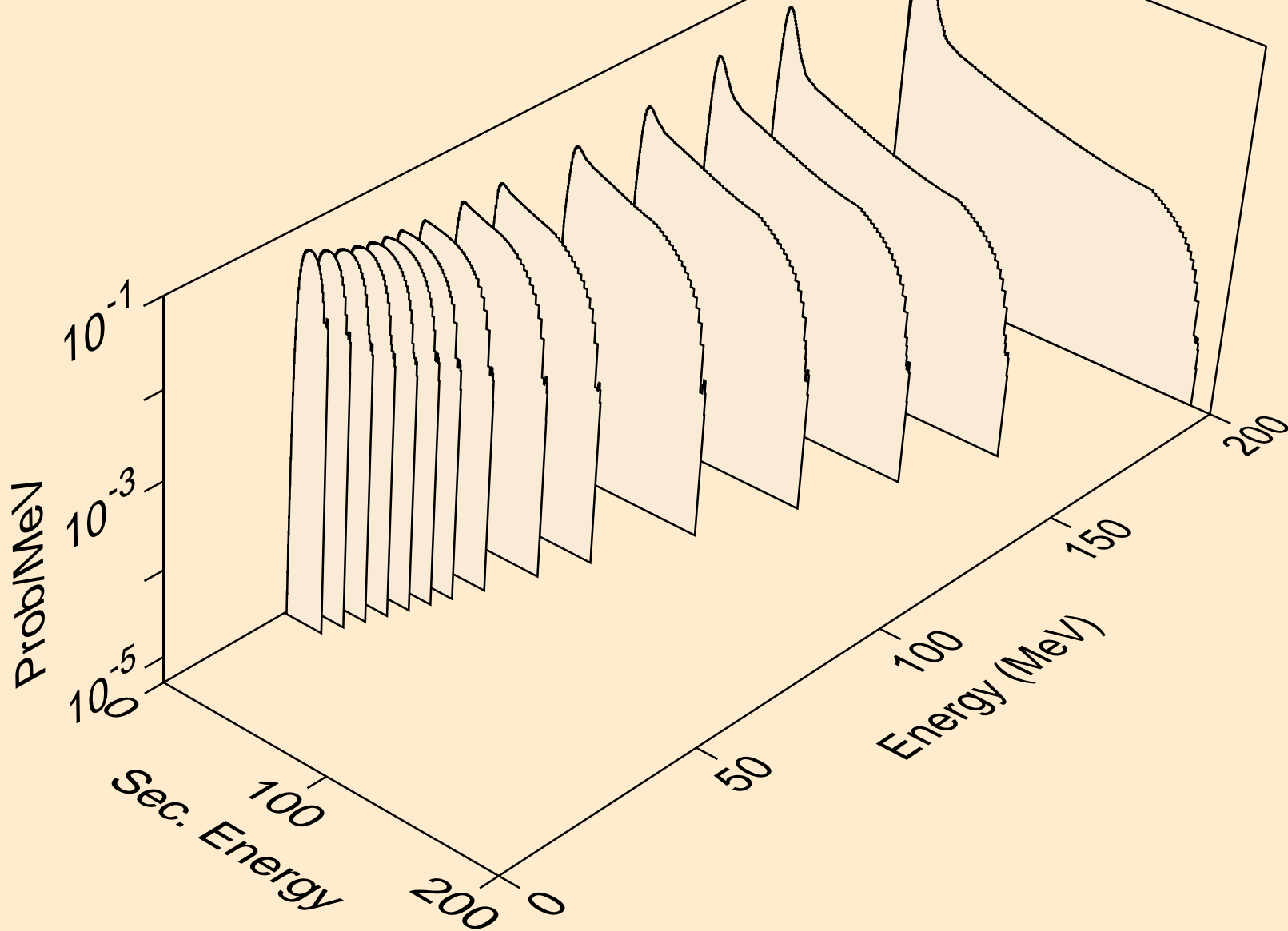
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Recoil Heating



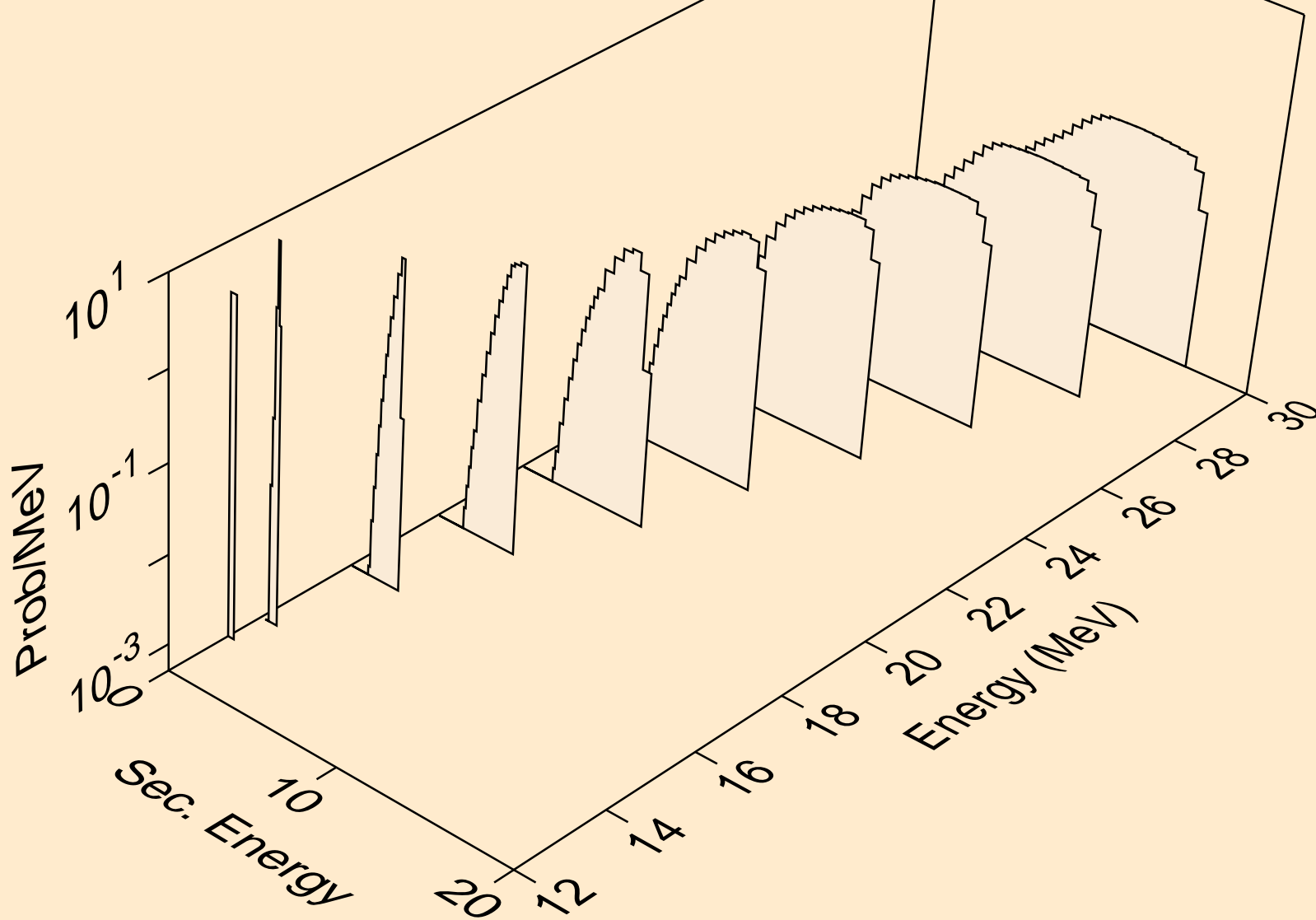
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Particle production cross sections



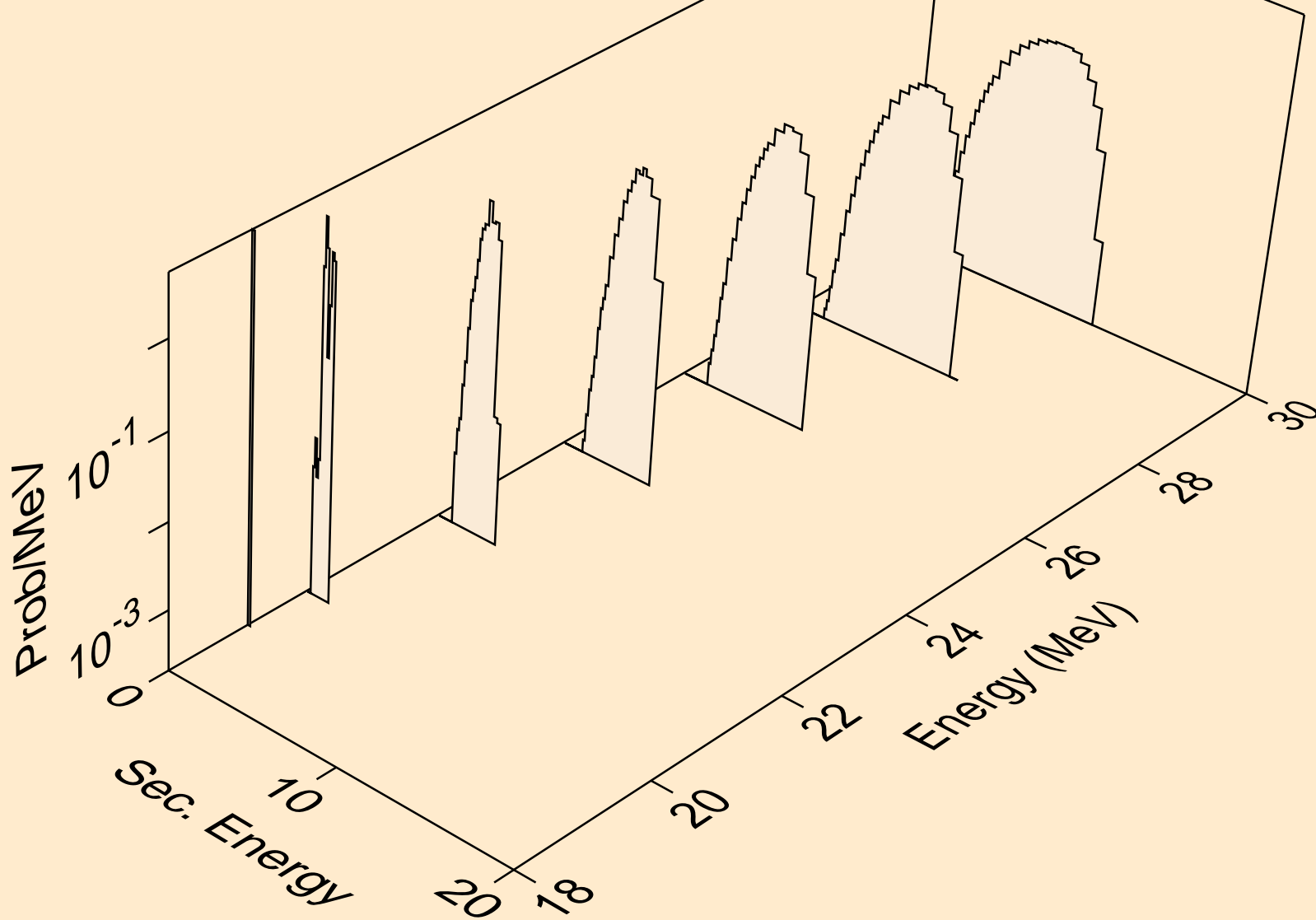
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protons from (n,x)



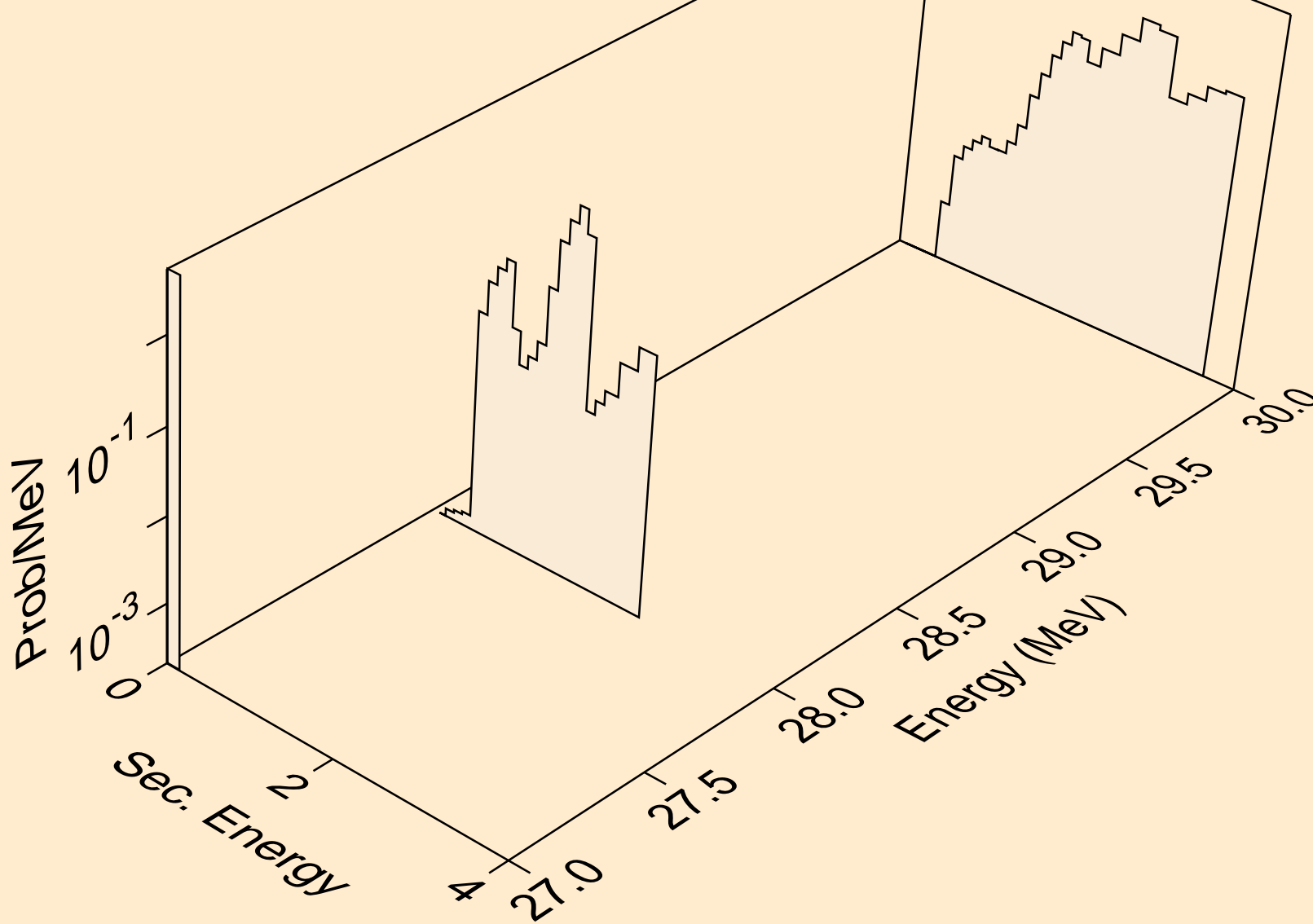
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protons from (n,n\*)p



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

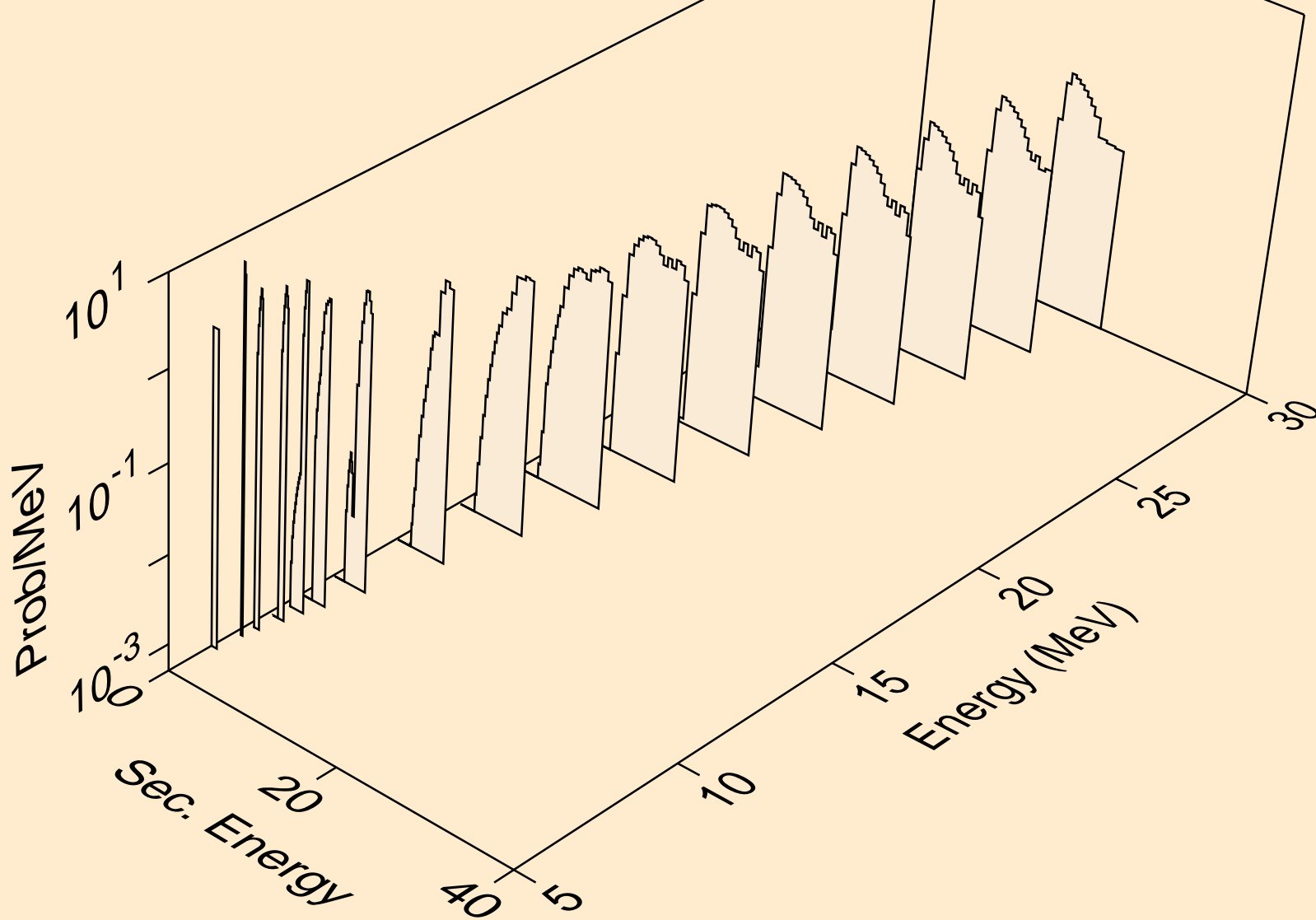


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protons from (n,3np)

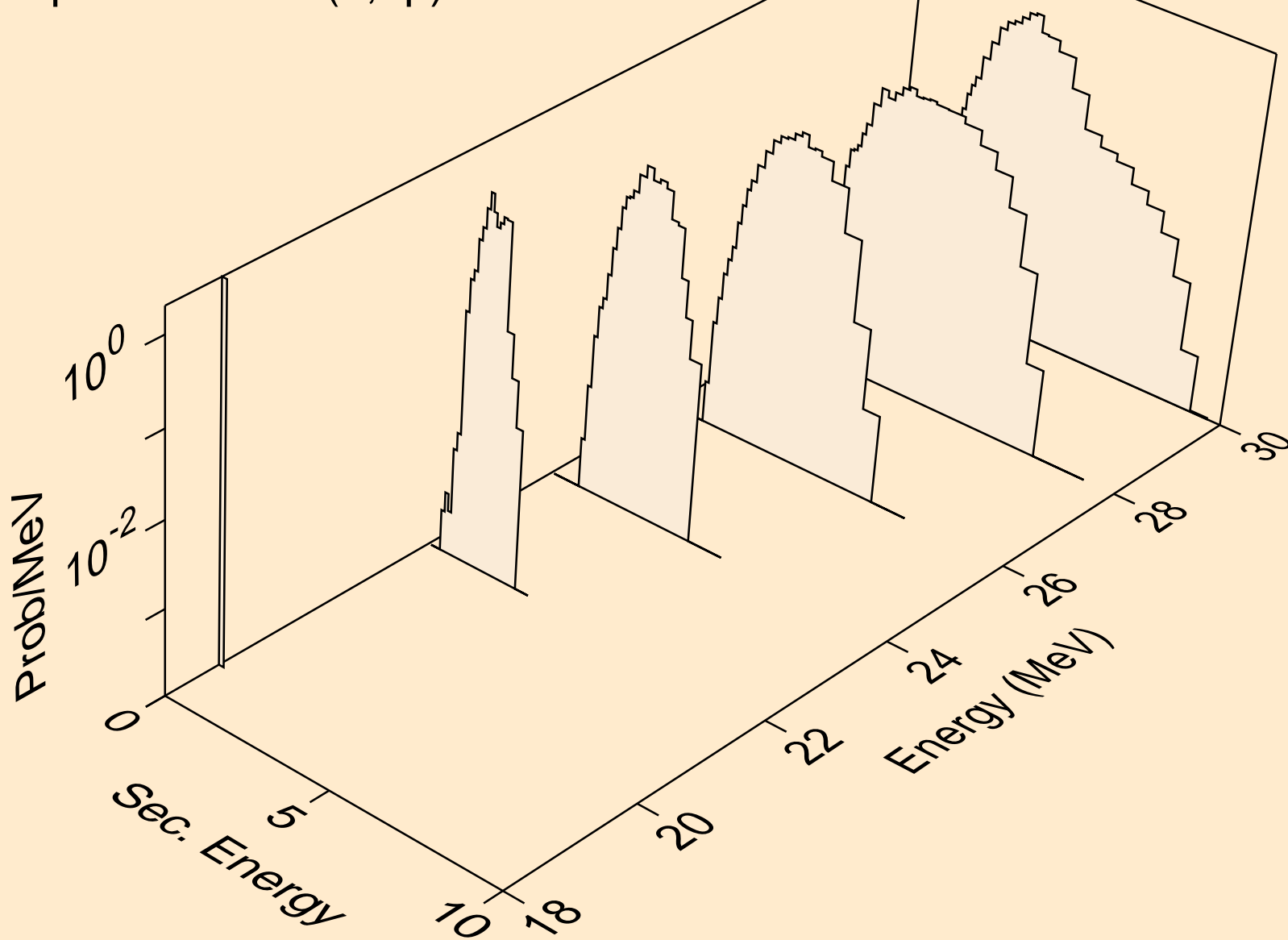




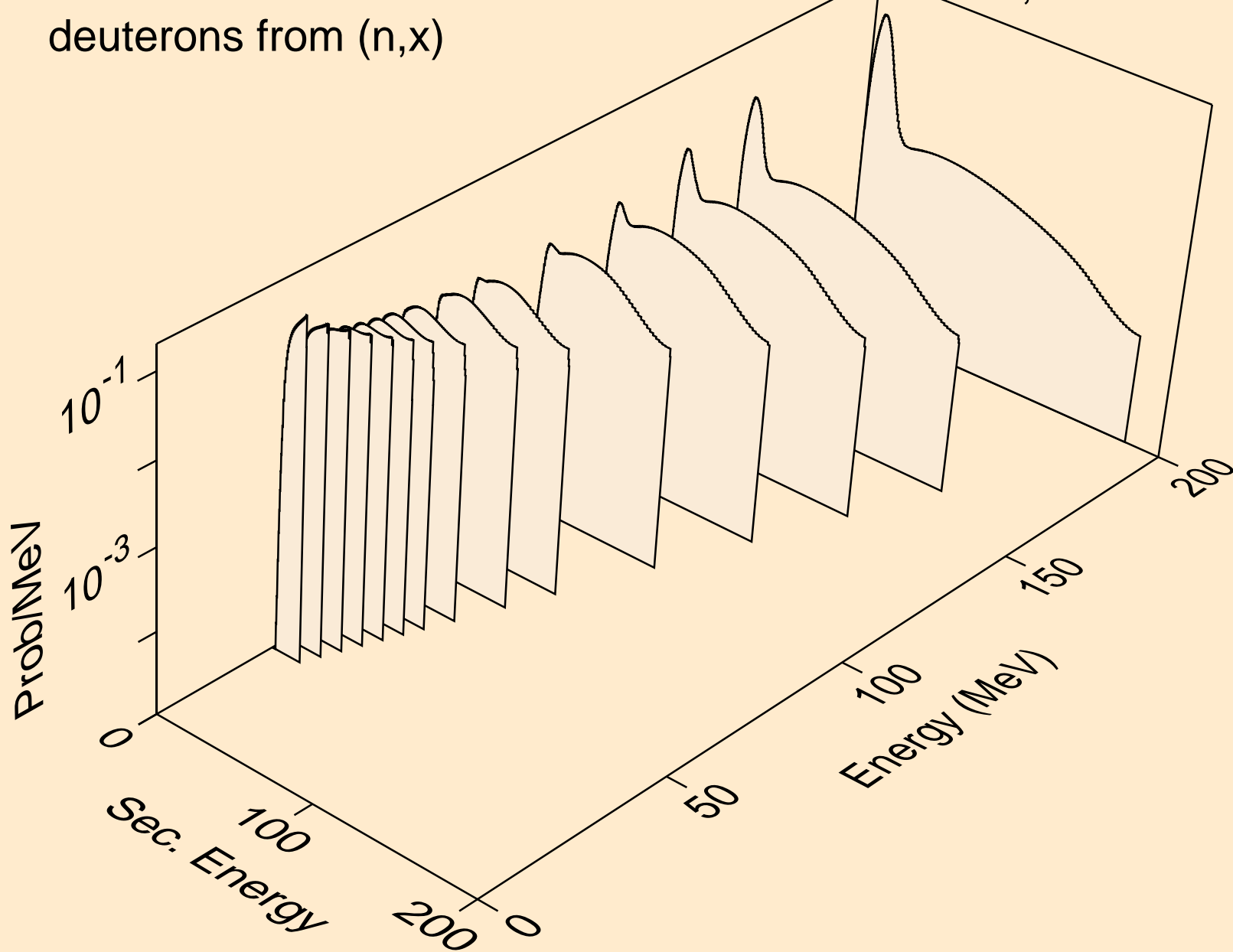
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protons from (n,p)



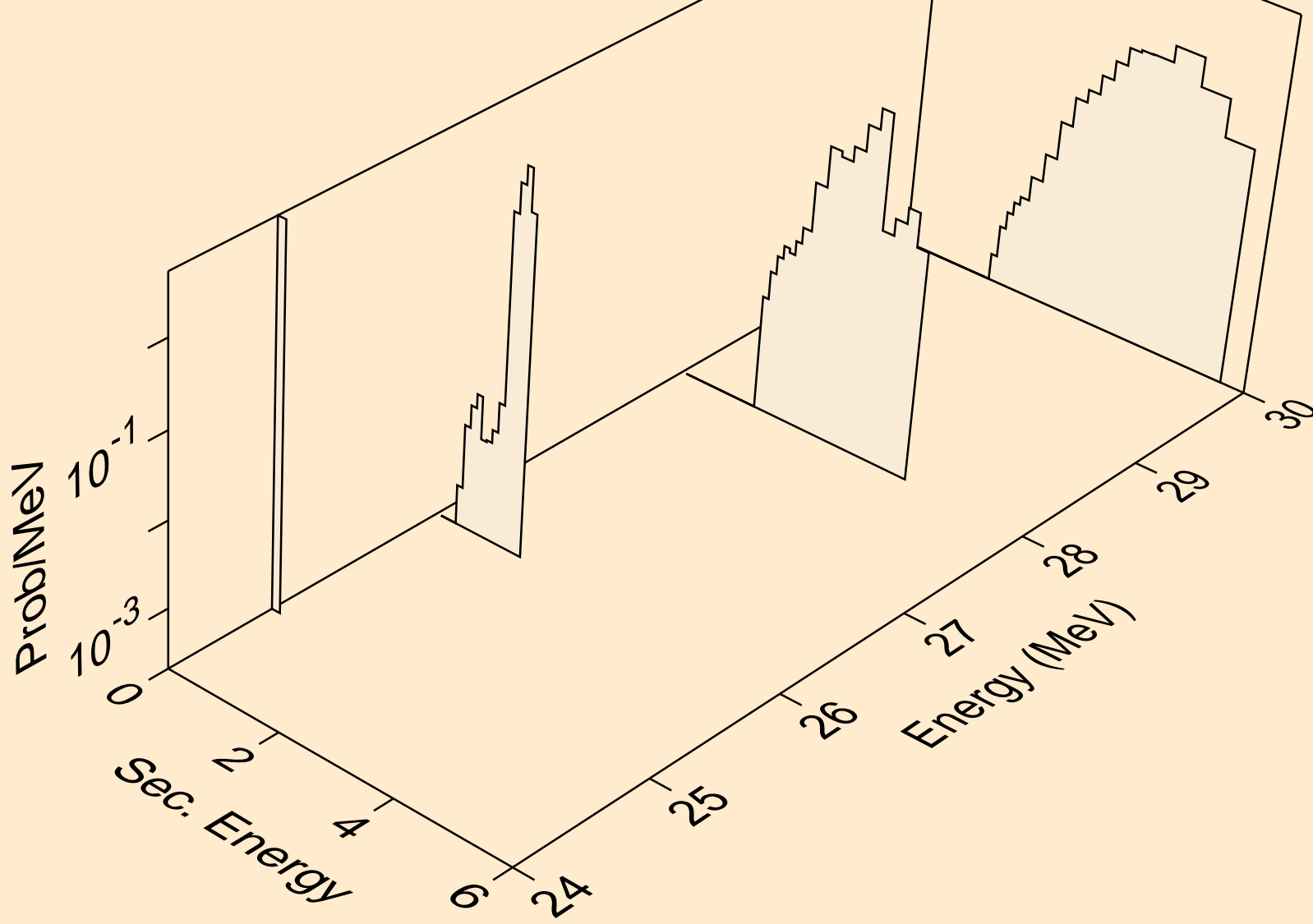
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protons from (n,2p)



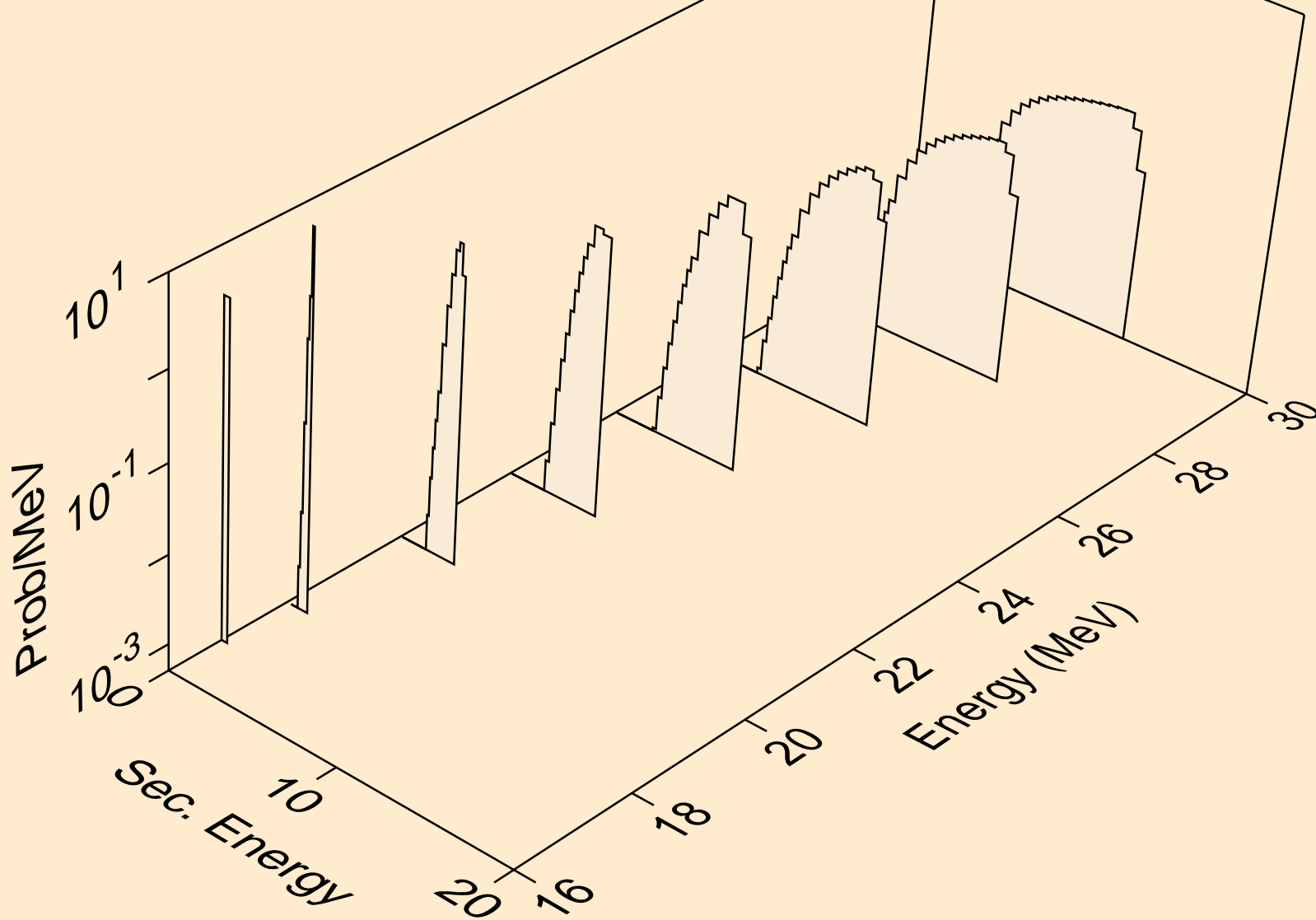
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deuterons from (n,x)



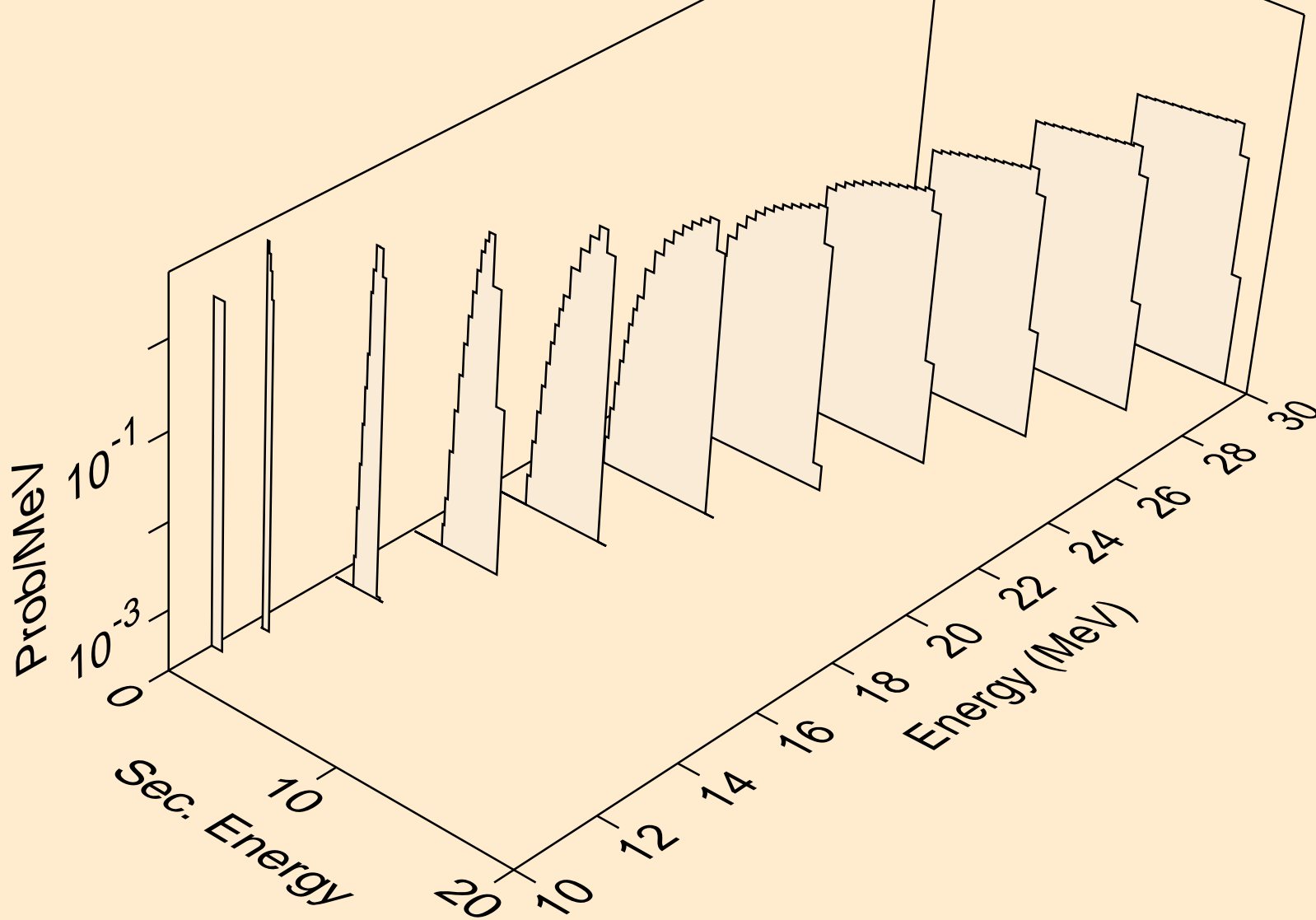
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deuterons from (n,2nd)



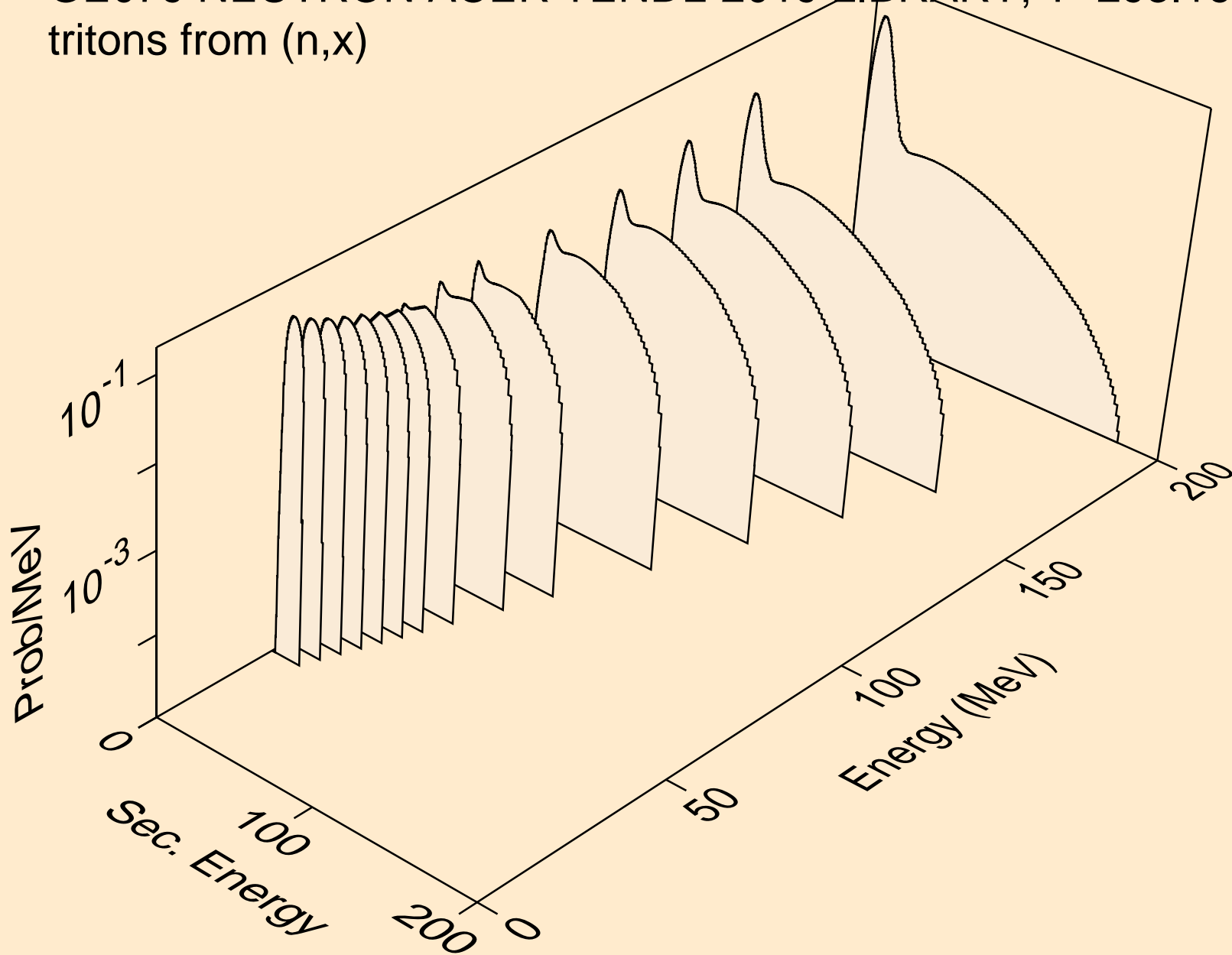
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deuterons from (n,n\*)d



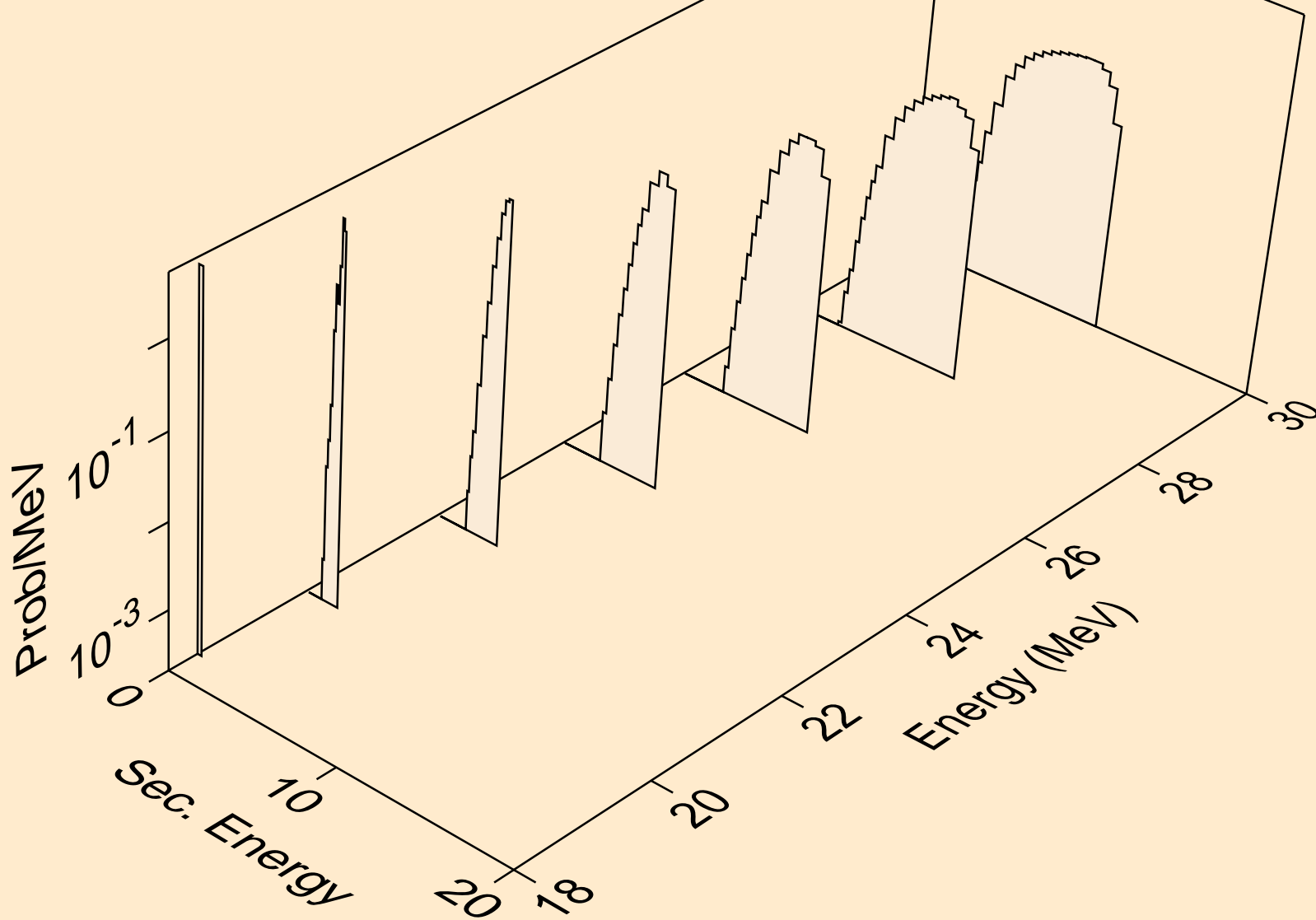
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deuterons from (n,d)



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)

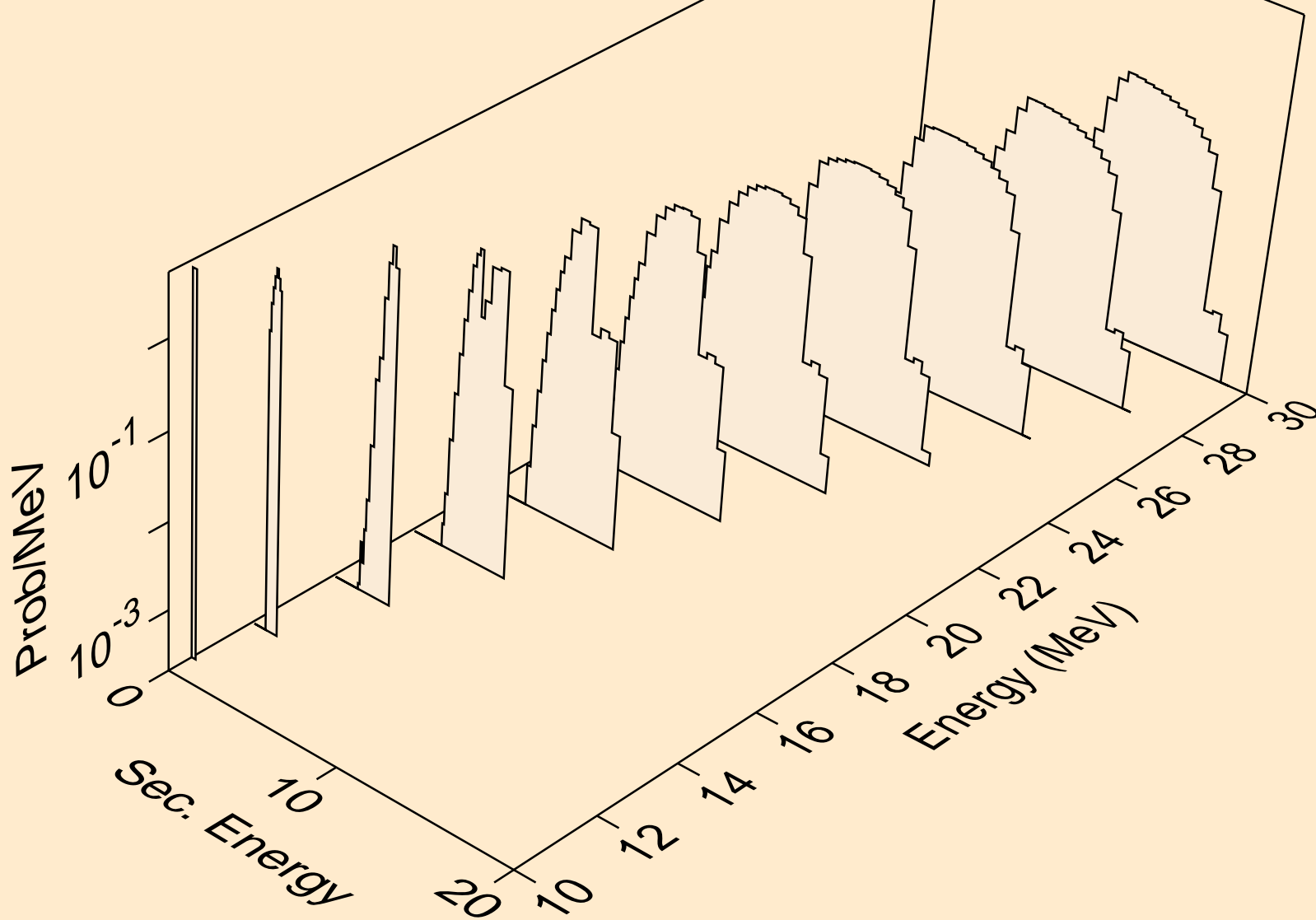


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tritons from (n,n\*)t

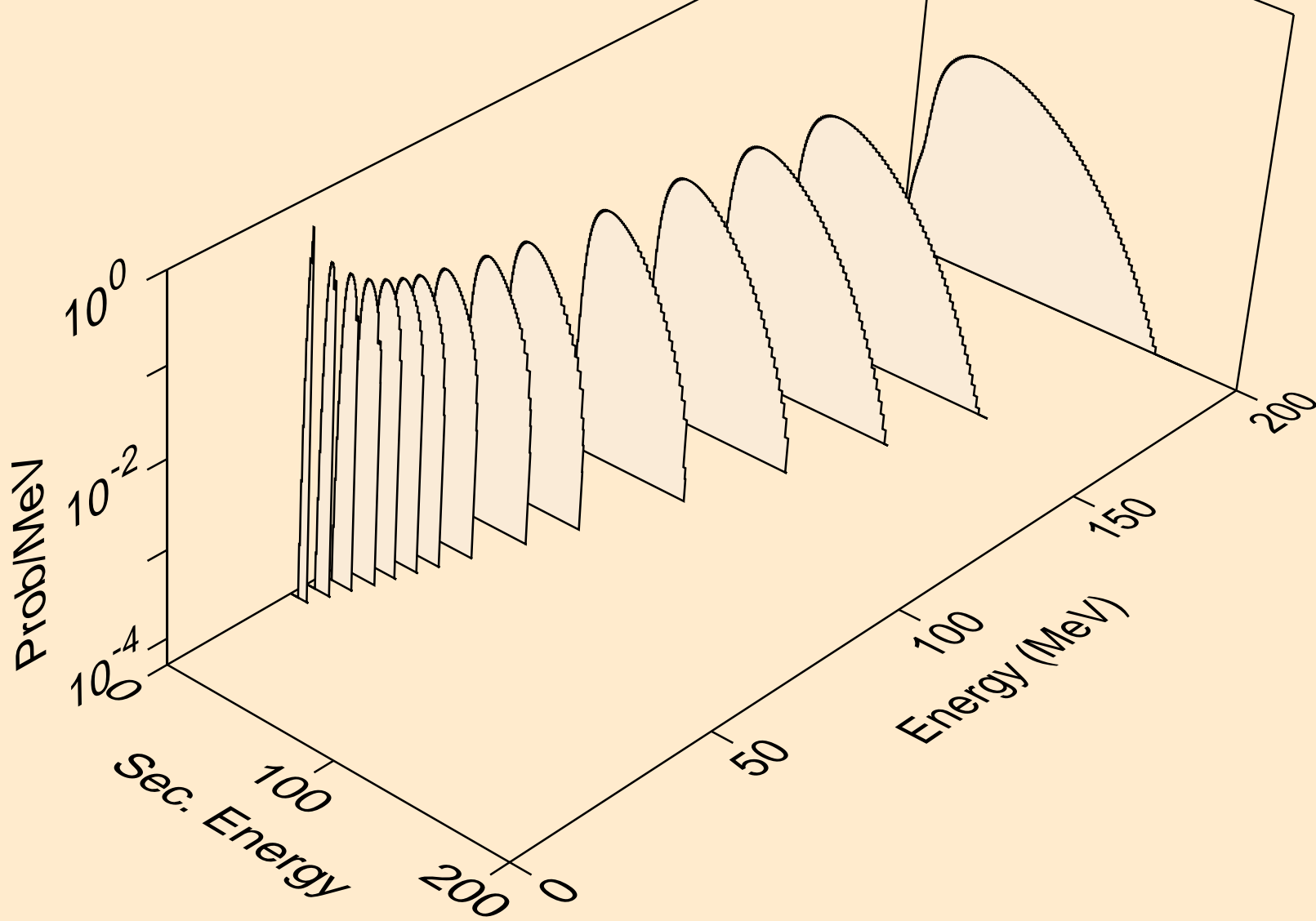




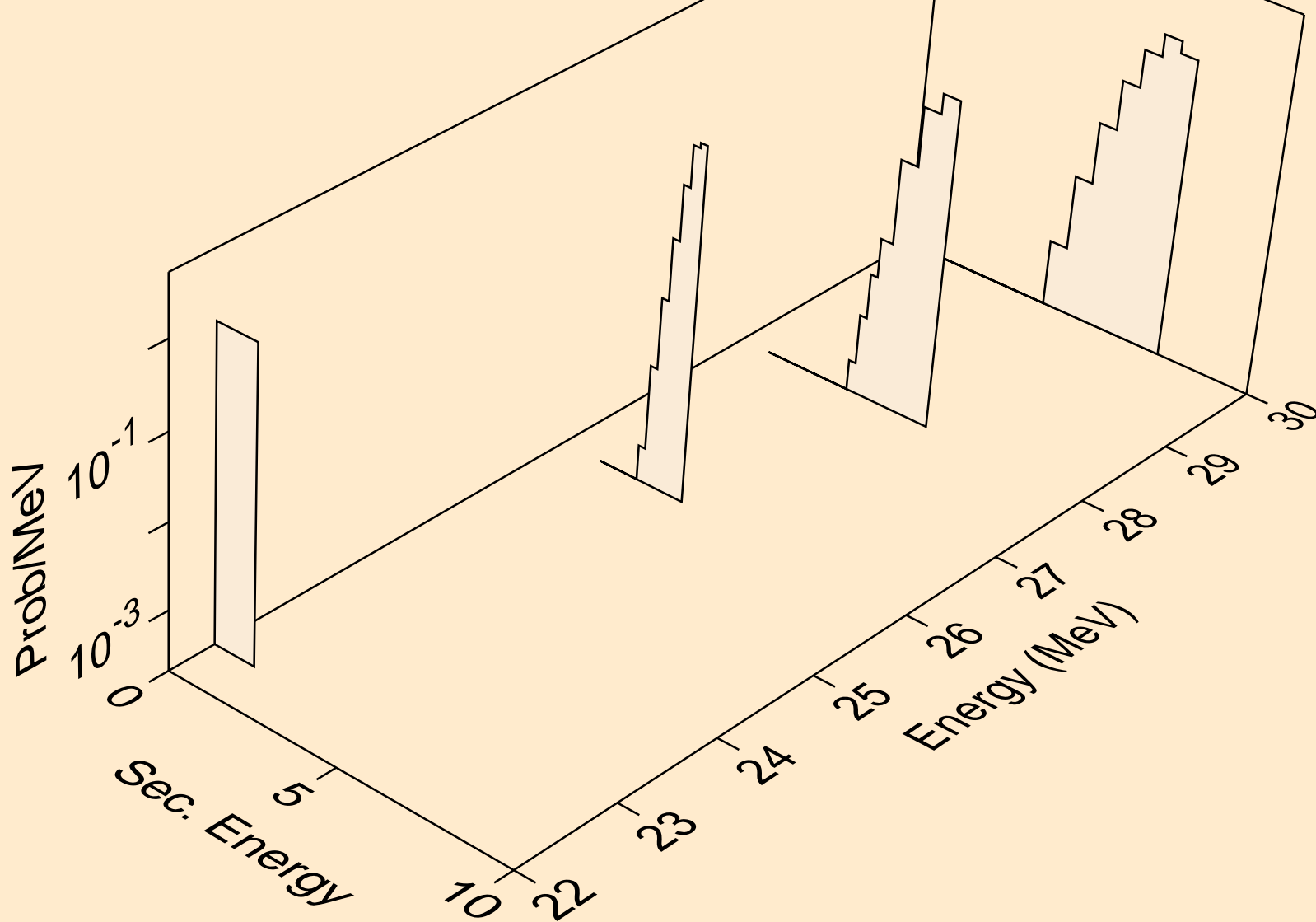
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tritons from (n,t)



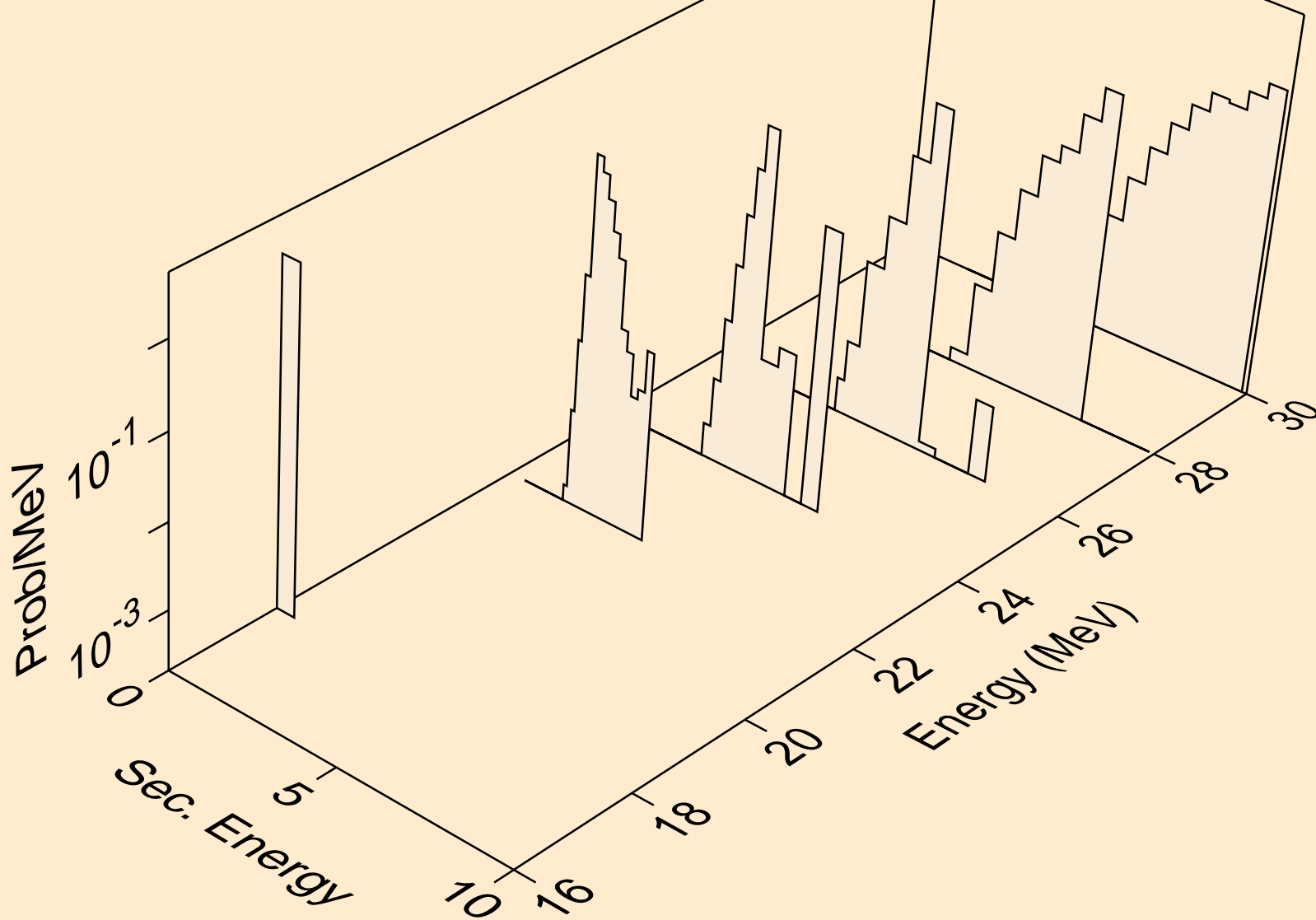
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he3s from (n,x)



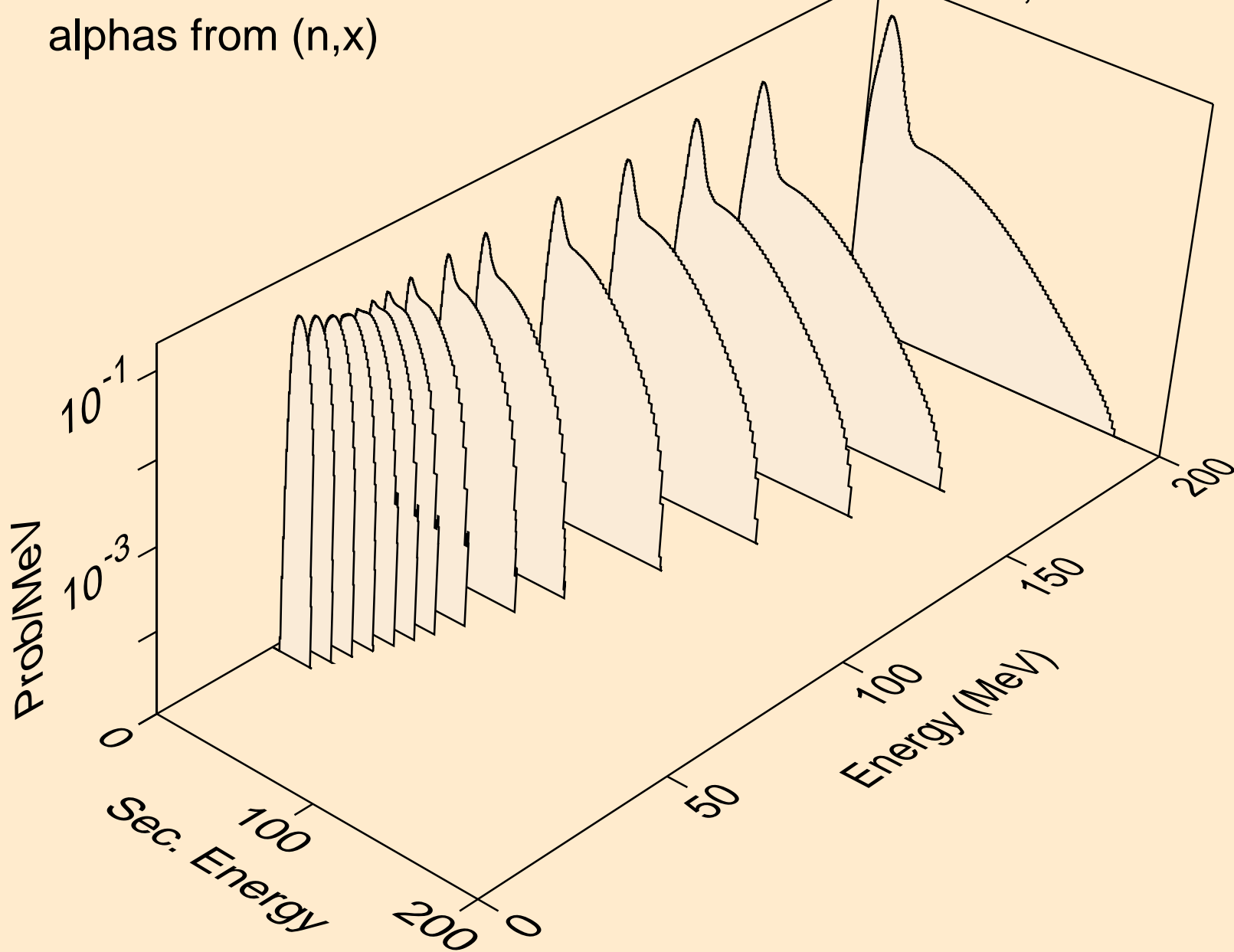
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he3s from (n,n\*)he3



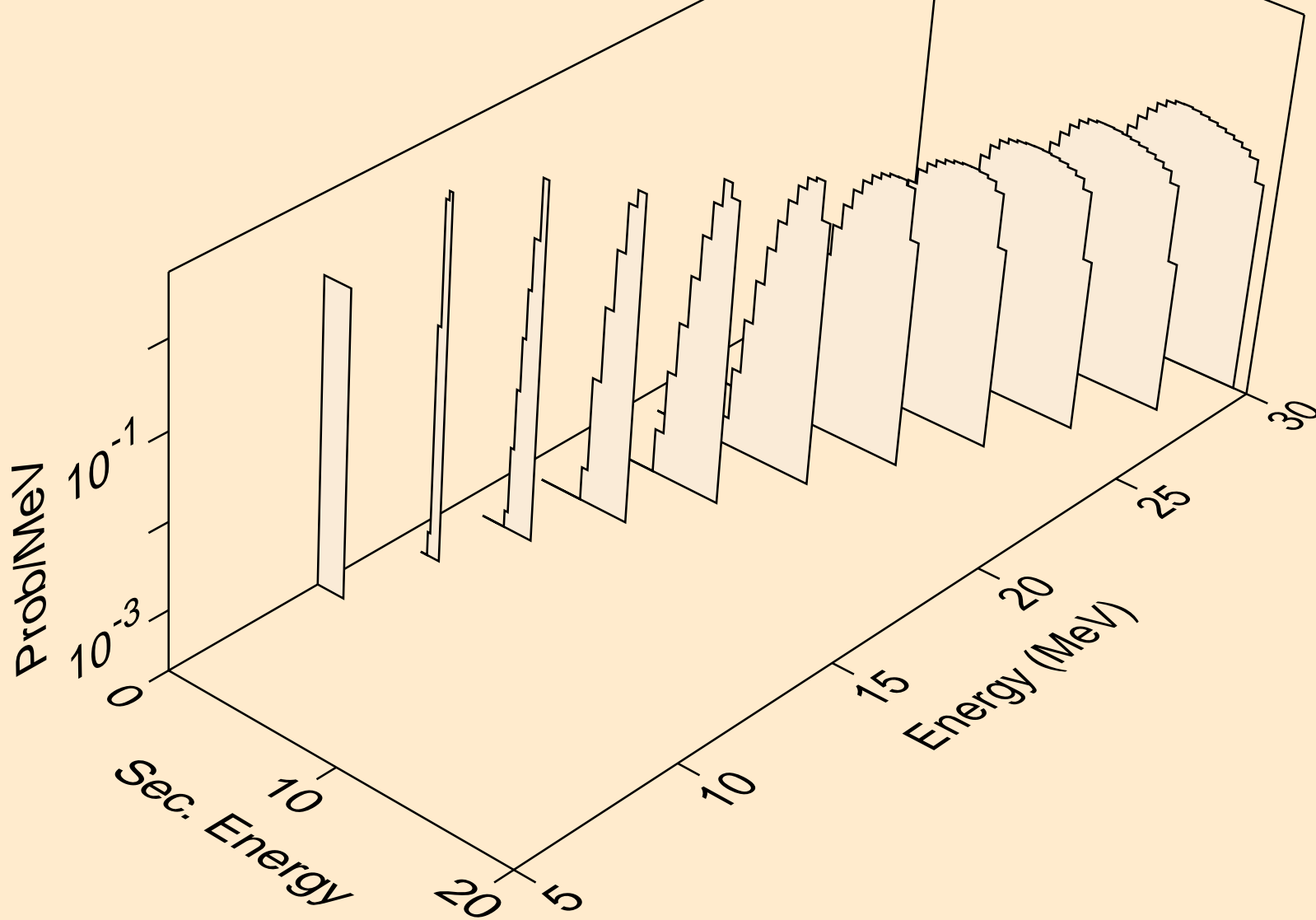
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he3s from (n,he3)



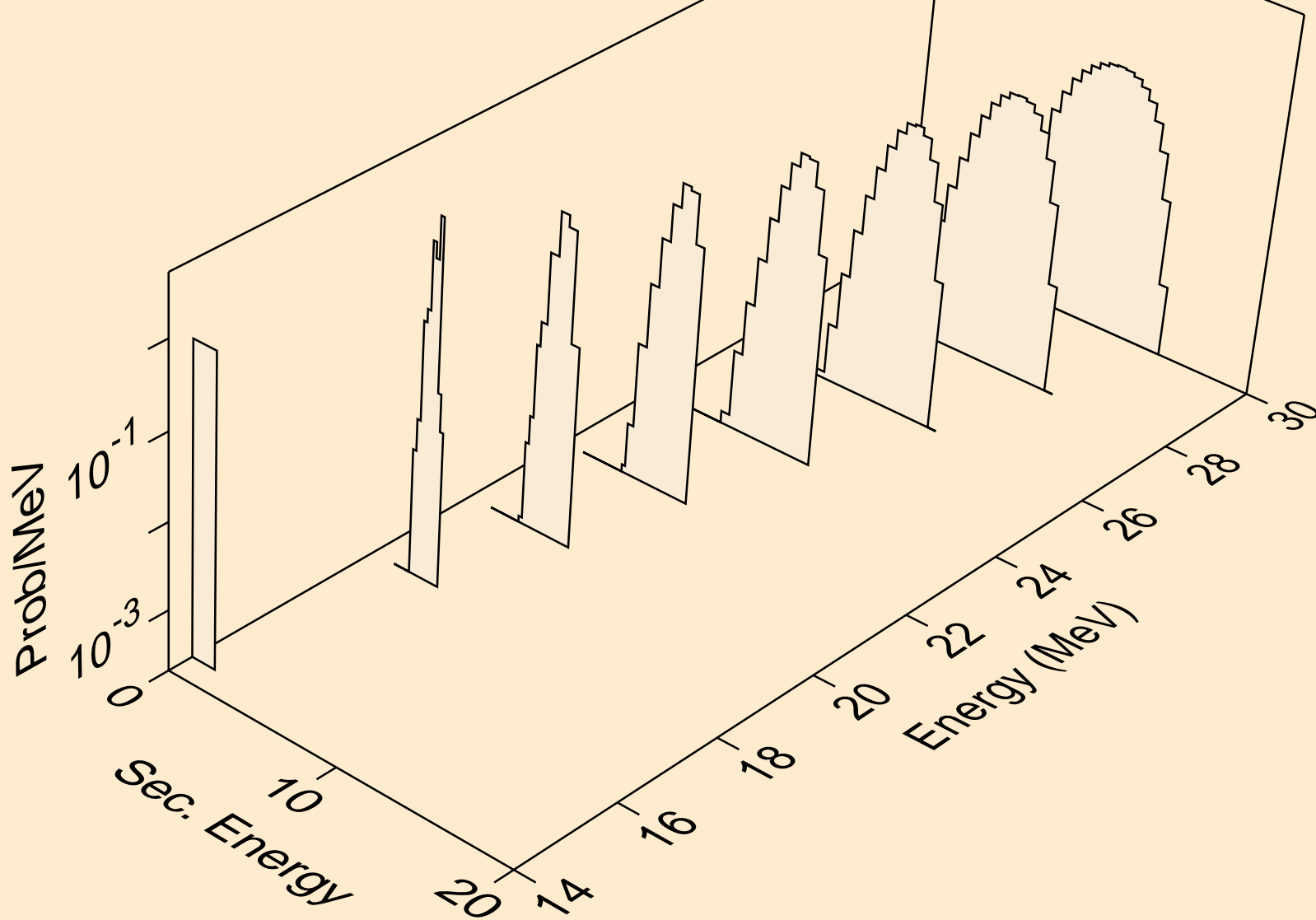
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alphas from (n,x)



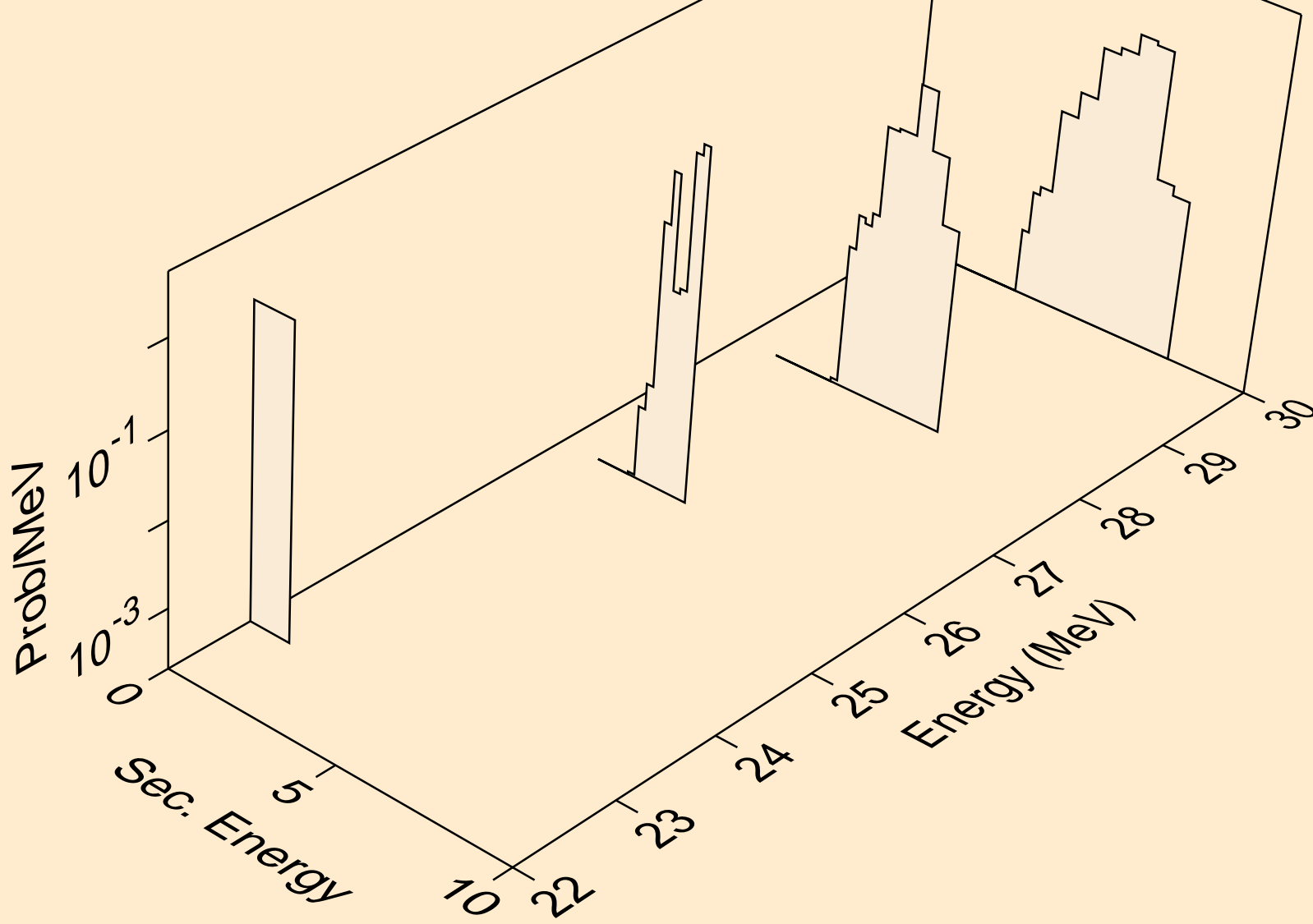
GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a





GE079 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

