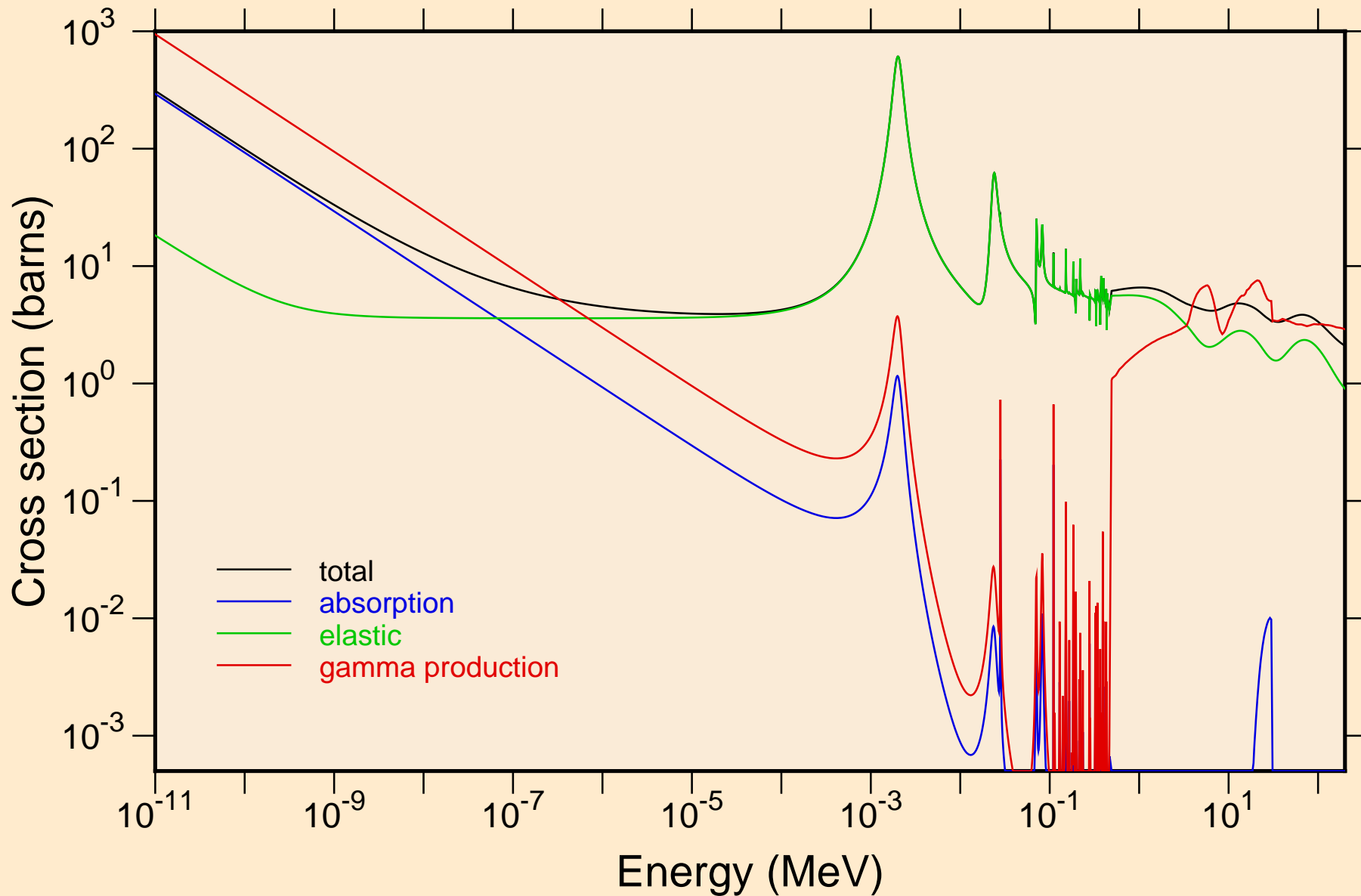
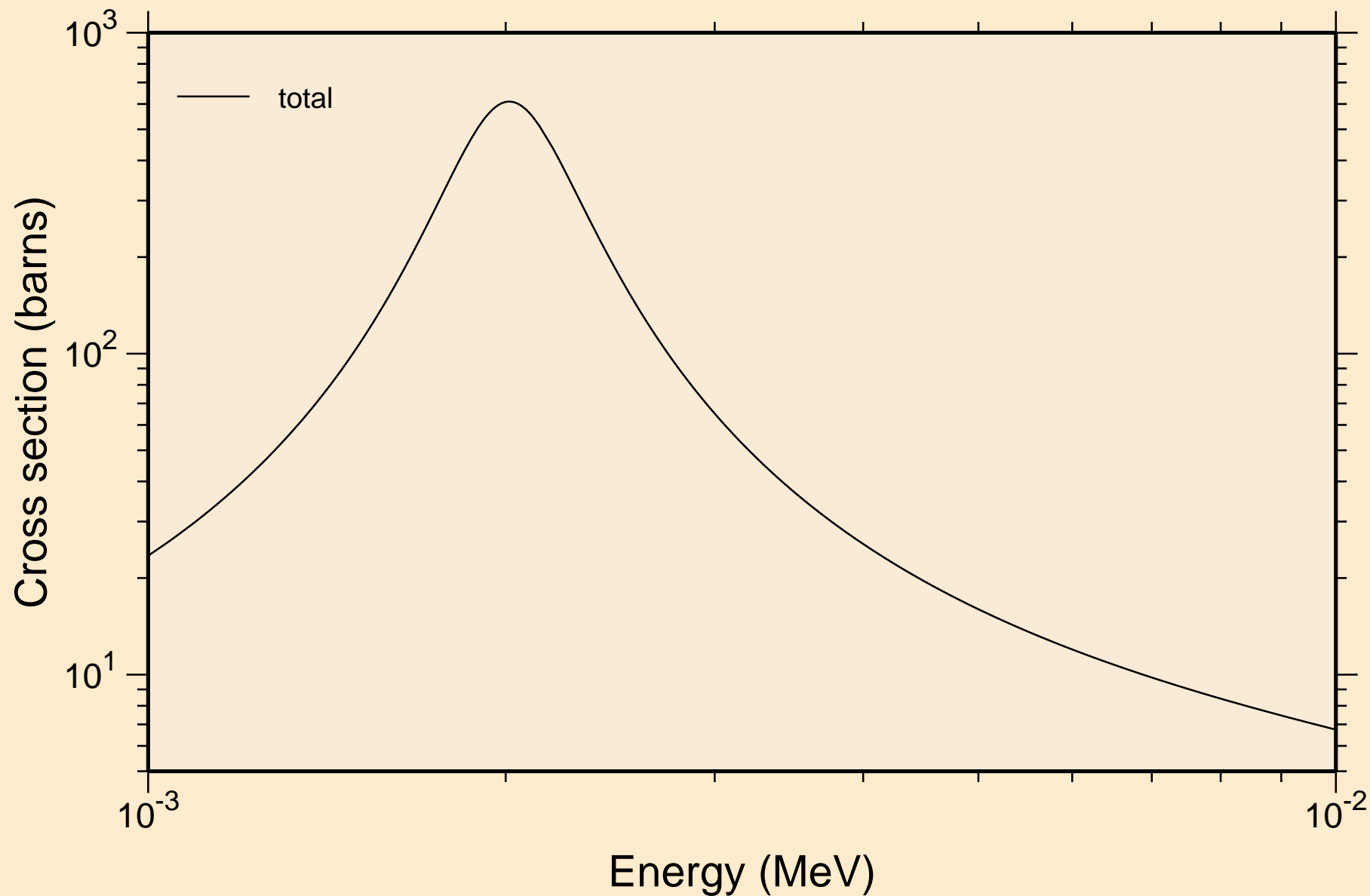


# SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

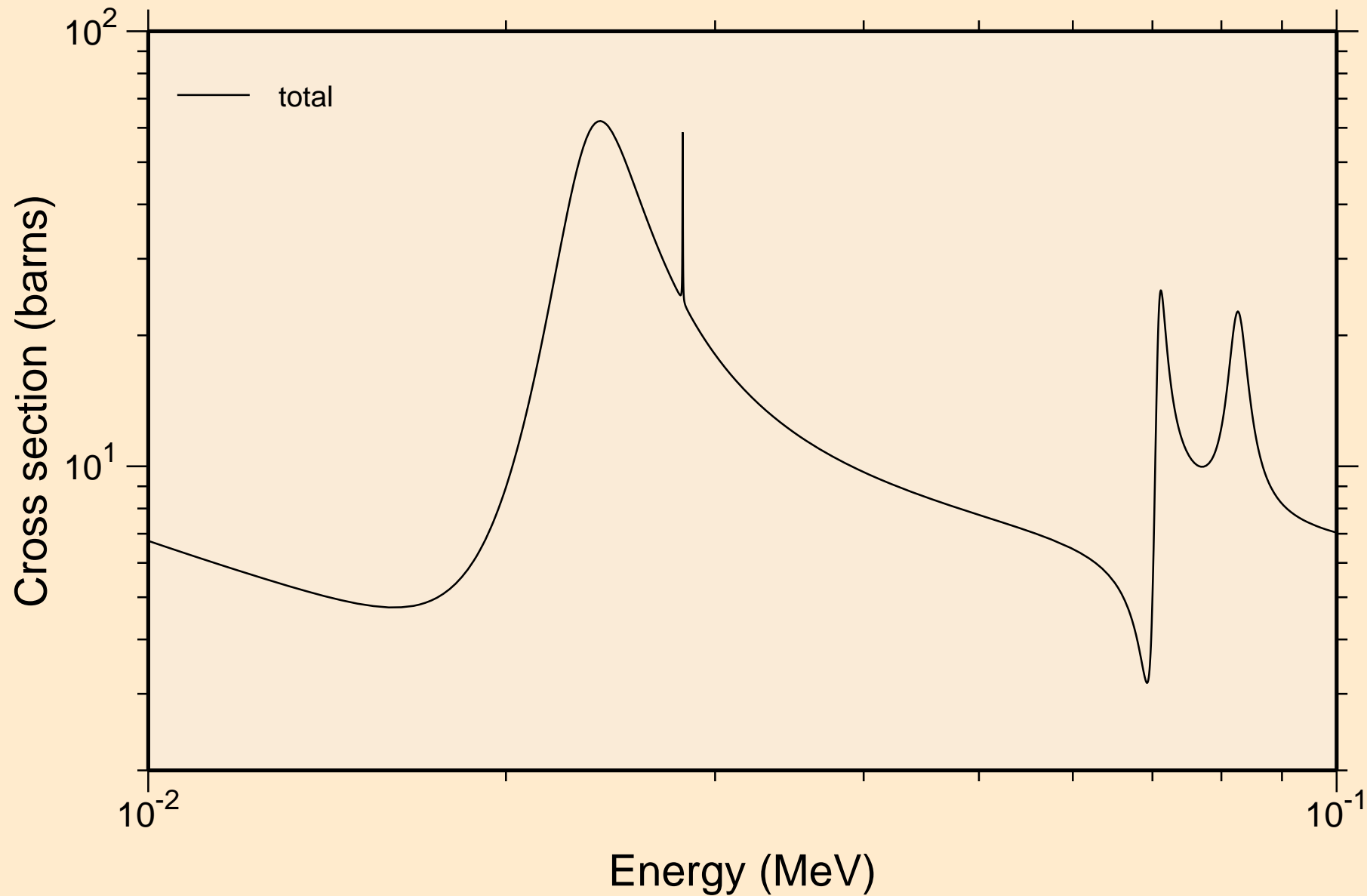
## Principal cross sections



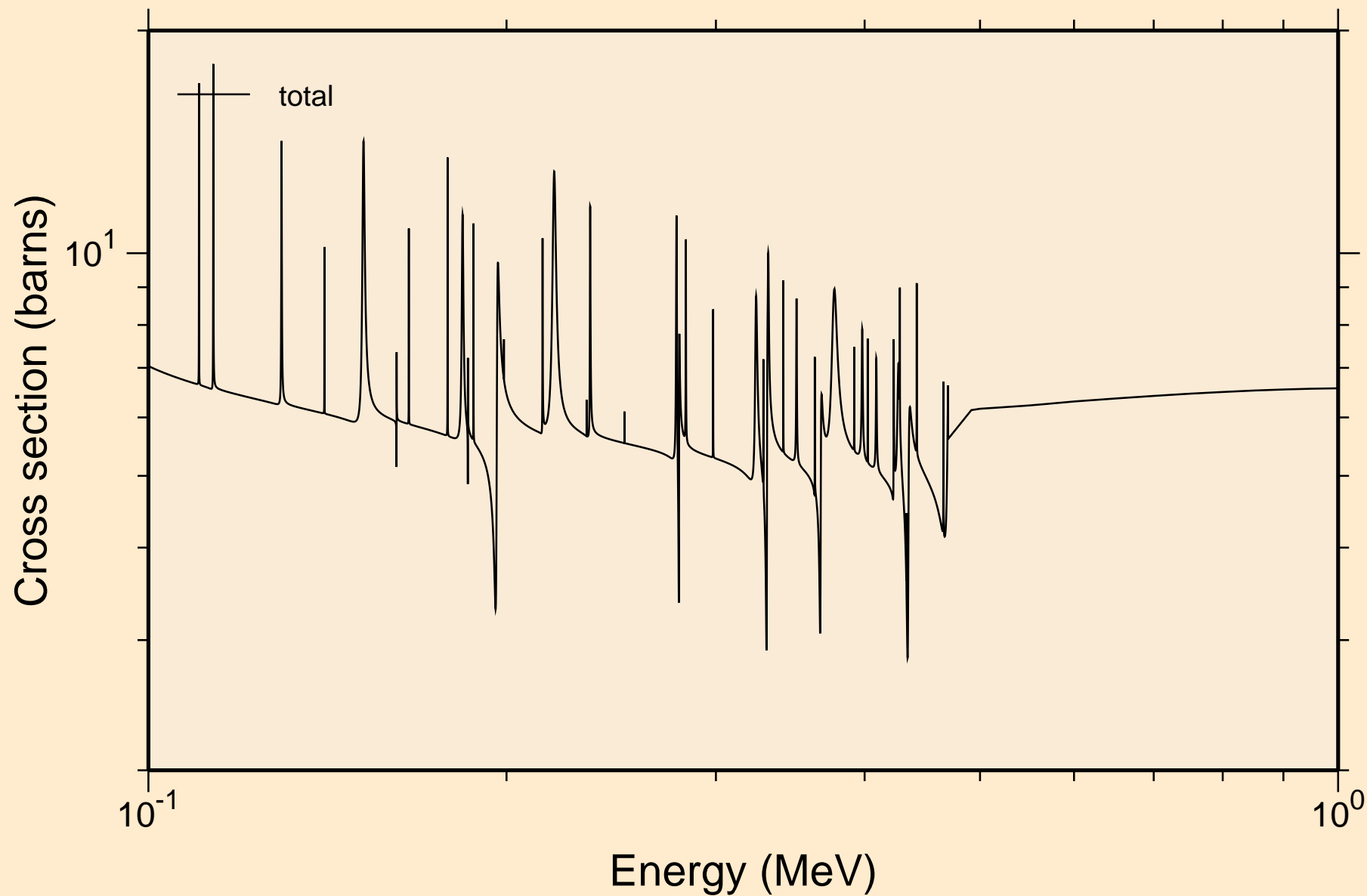
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



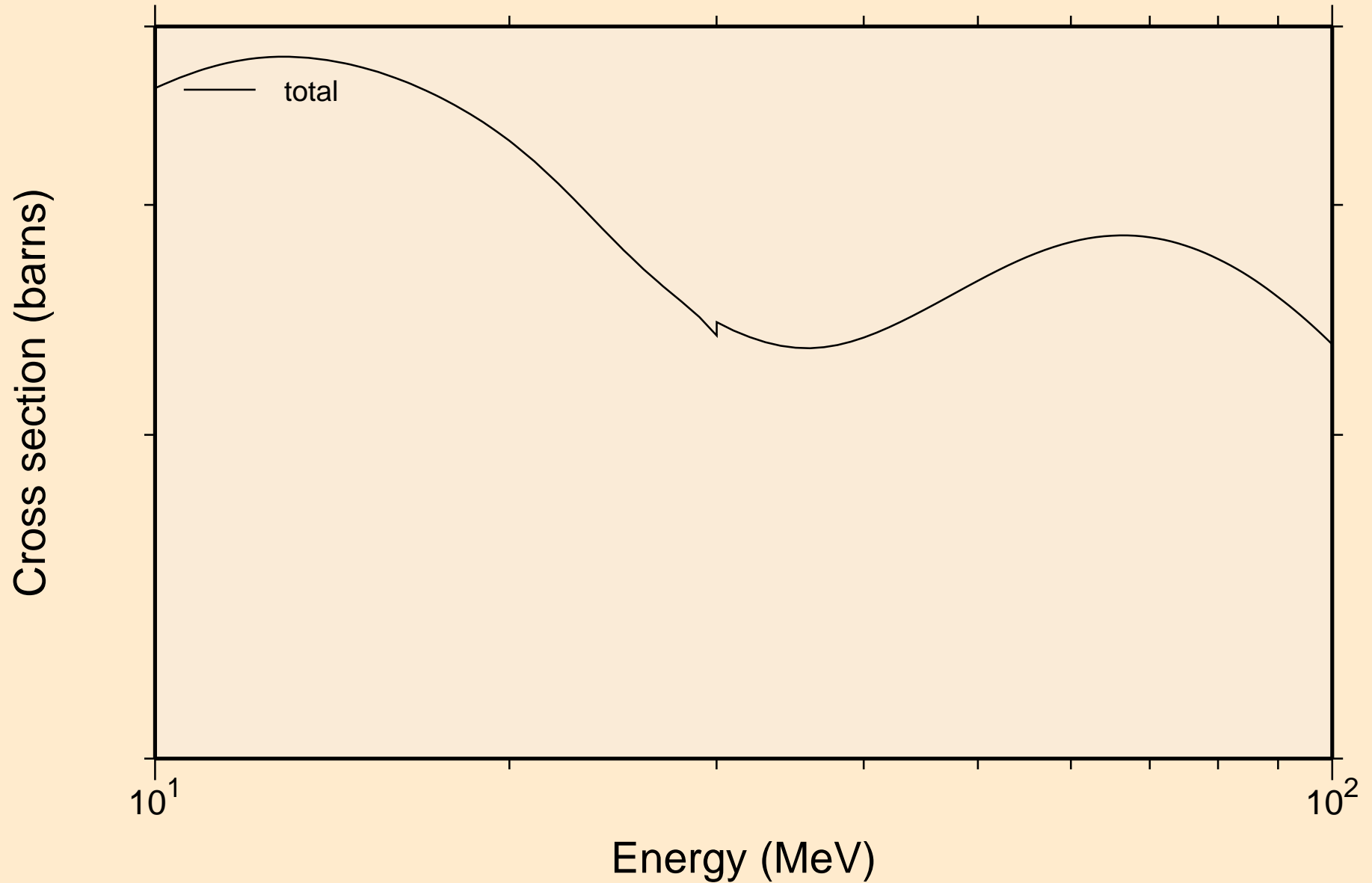
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



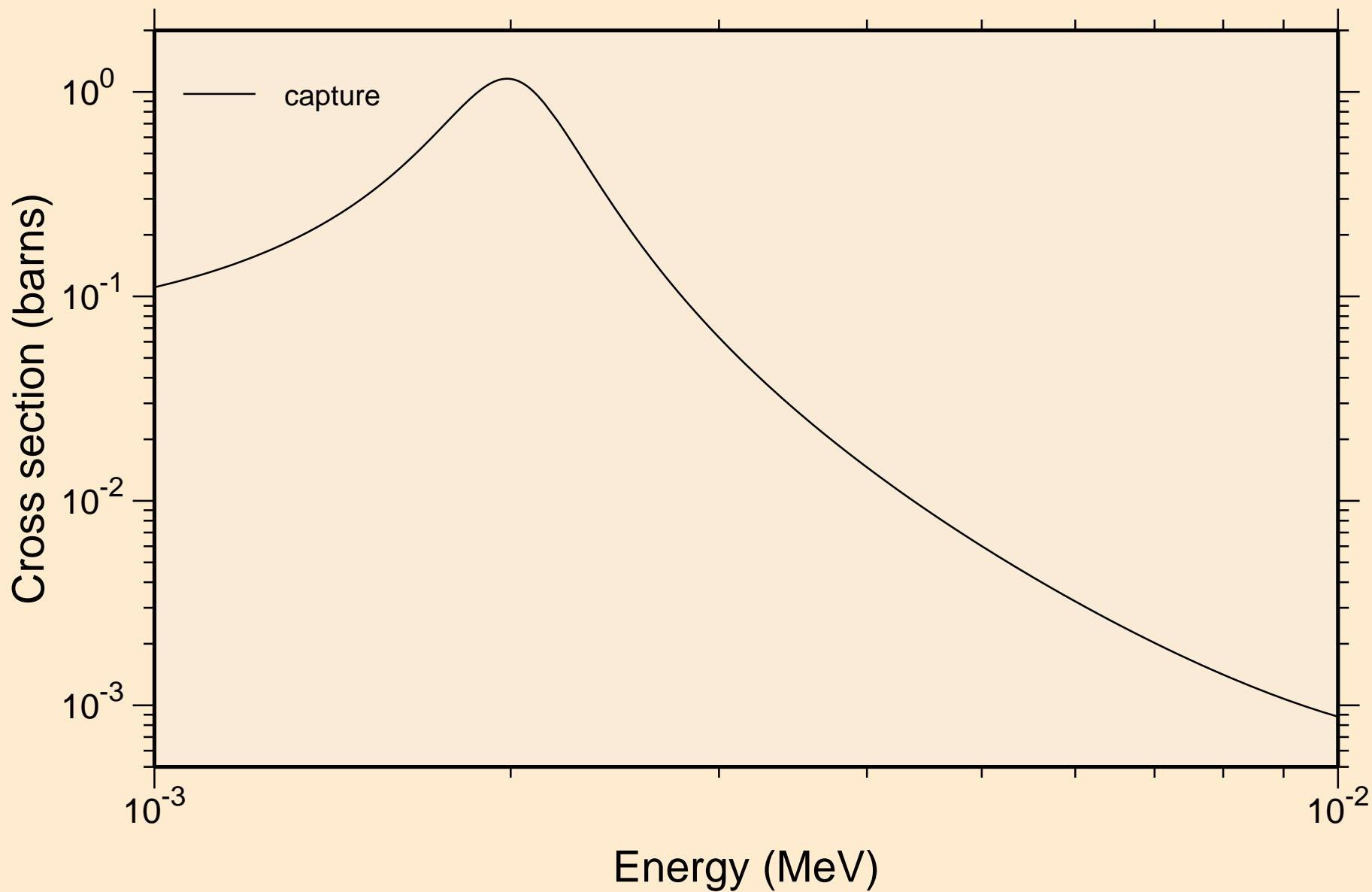
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



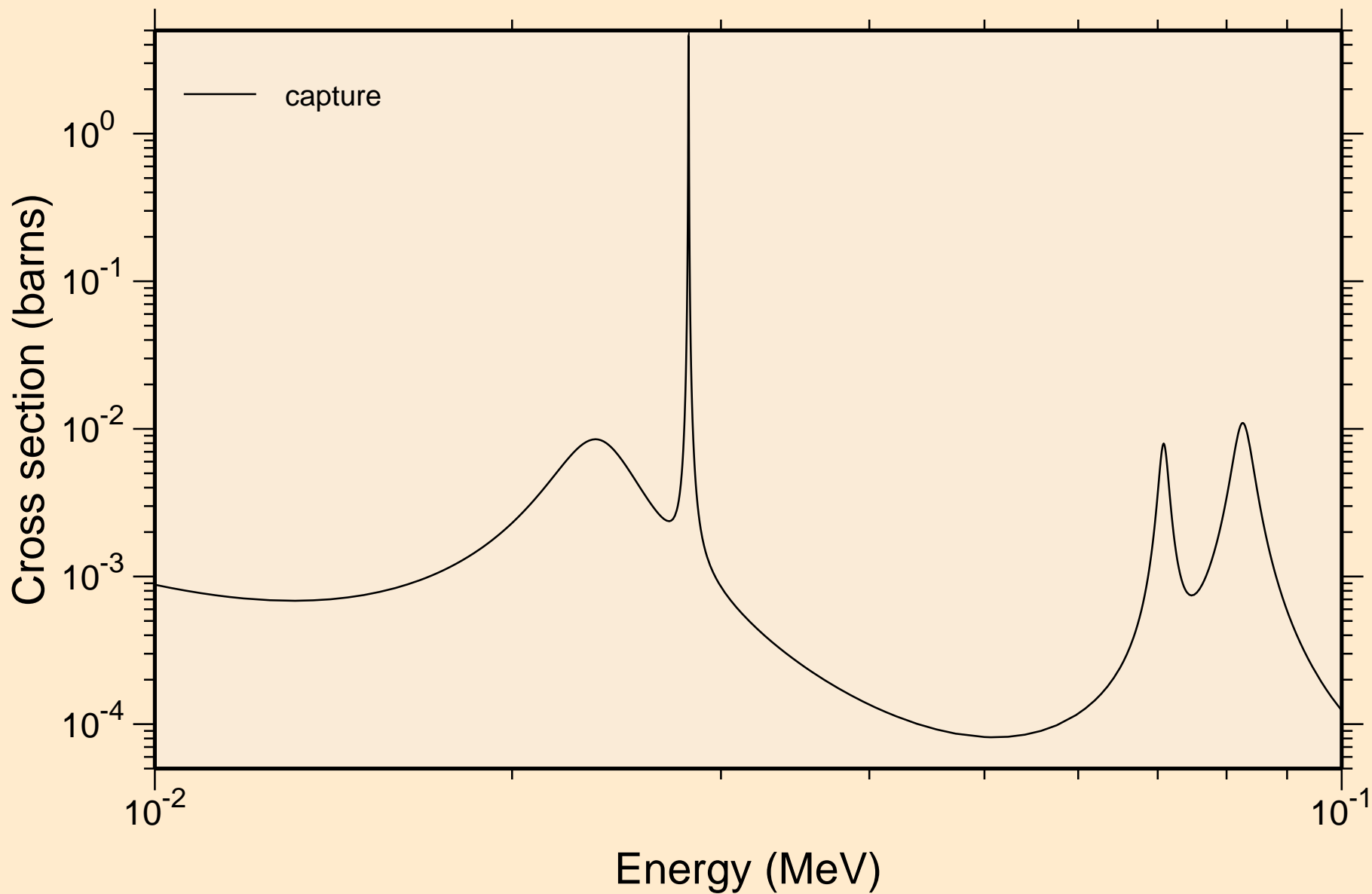
$\bar{S}N130M$  NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance total cross section



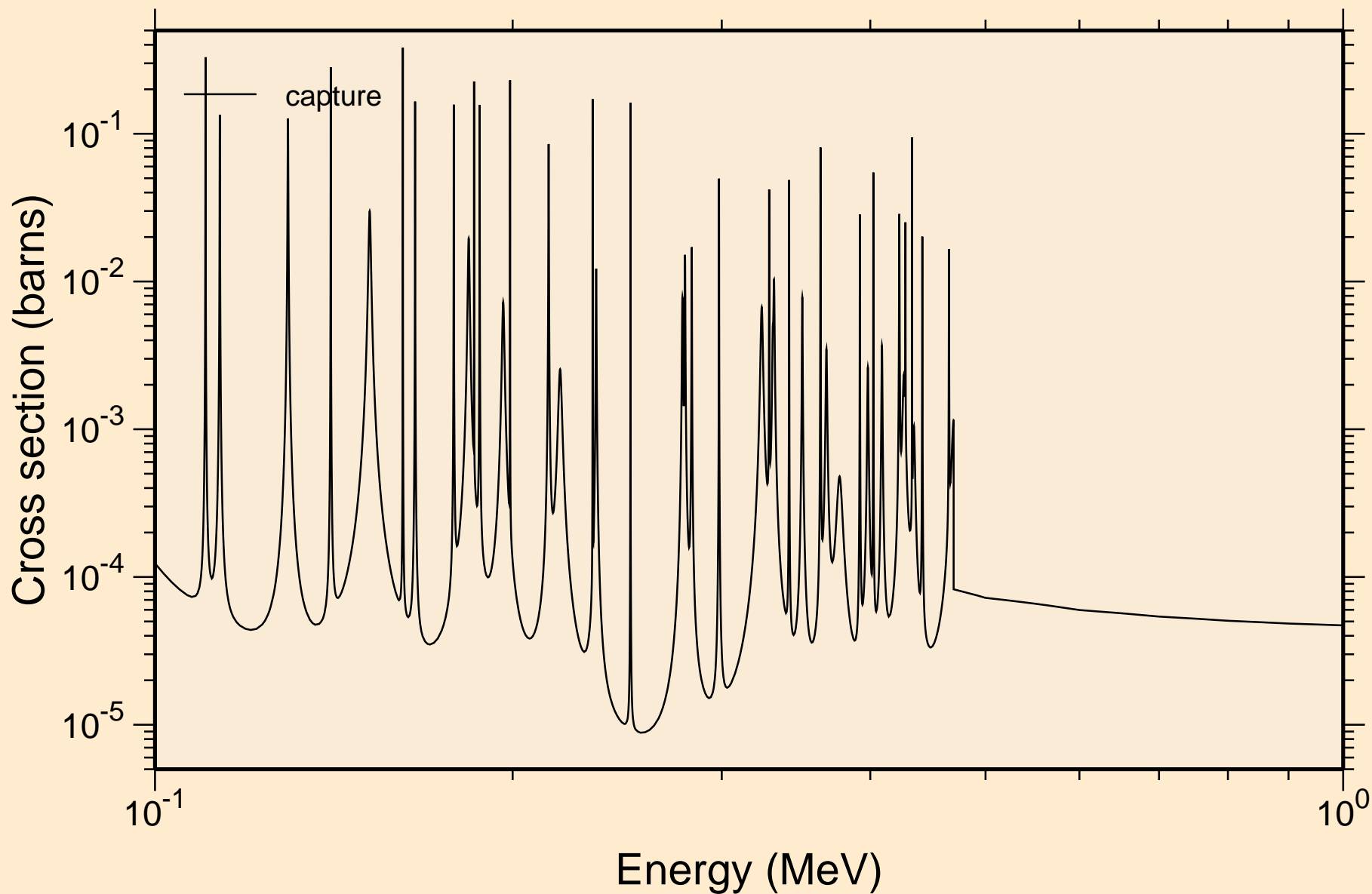
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

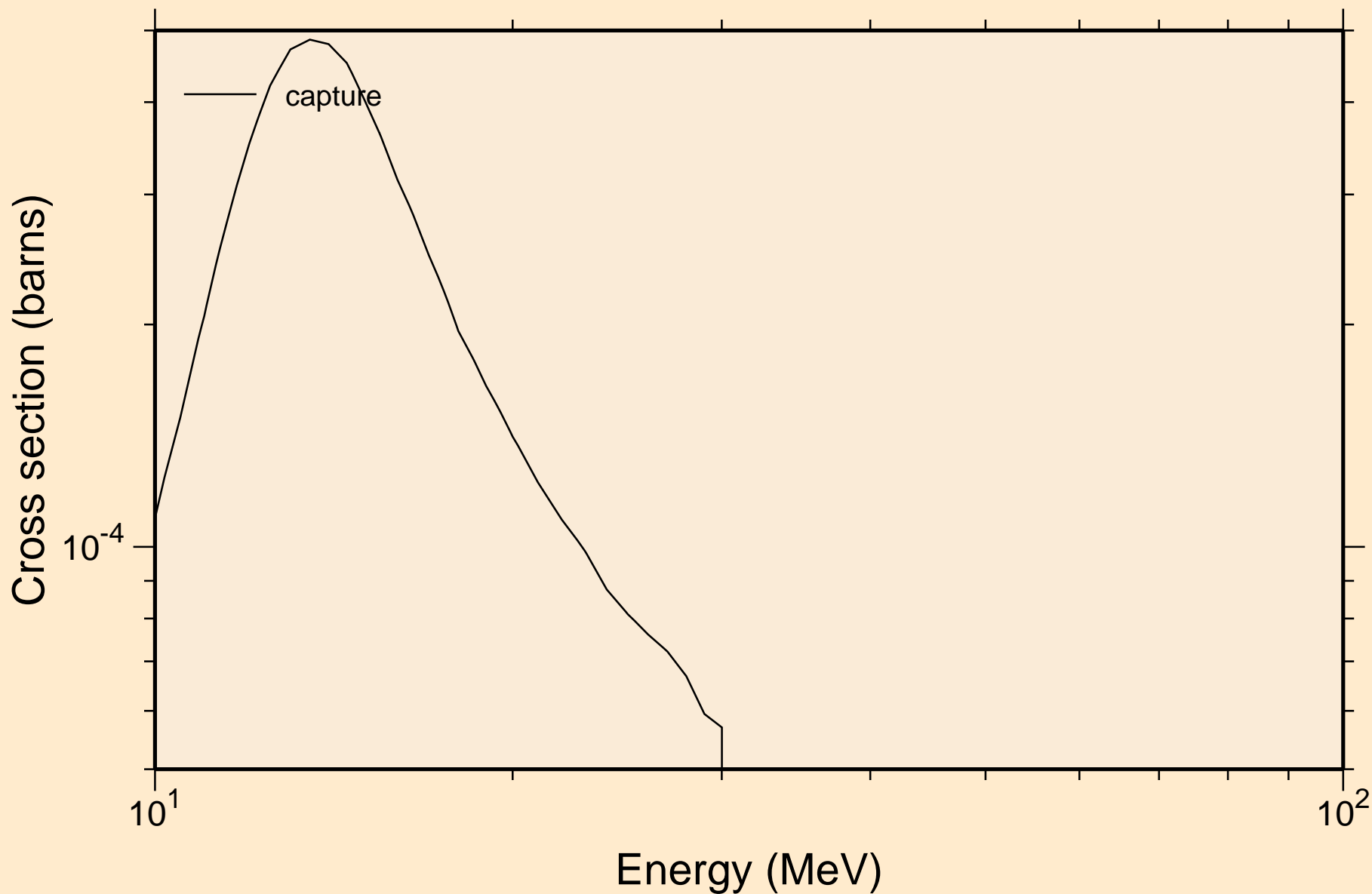


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections

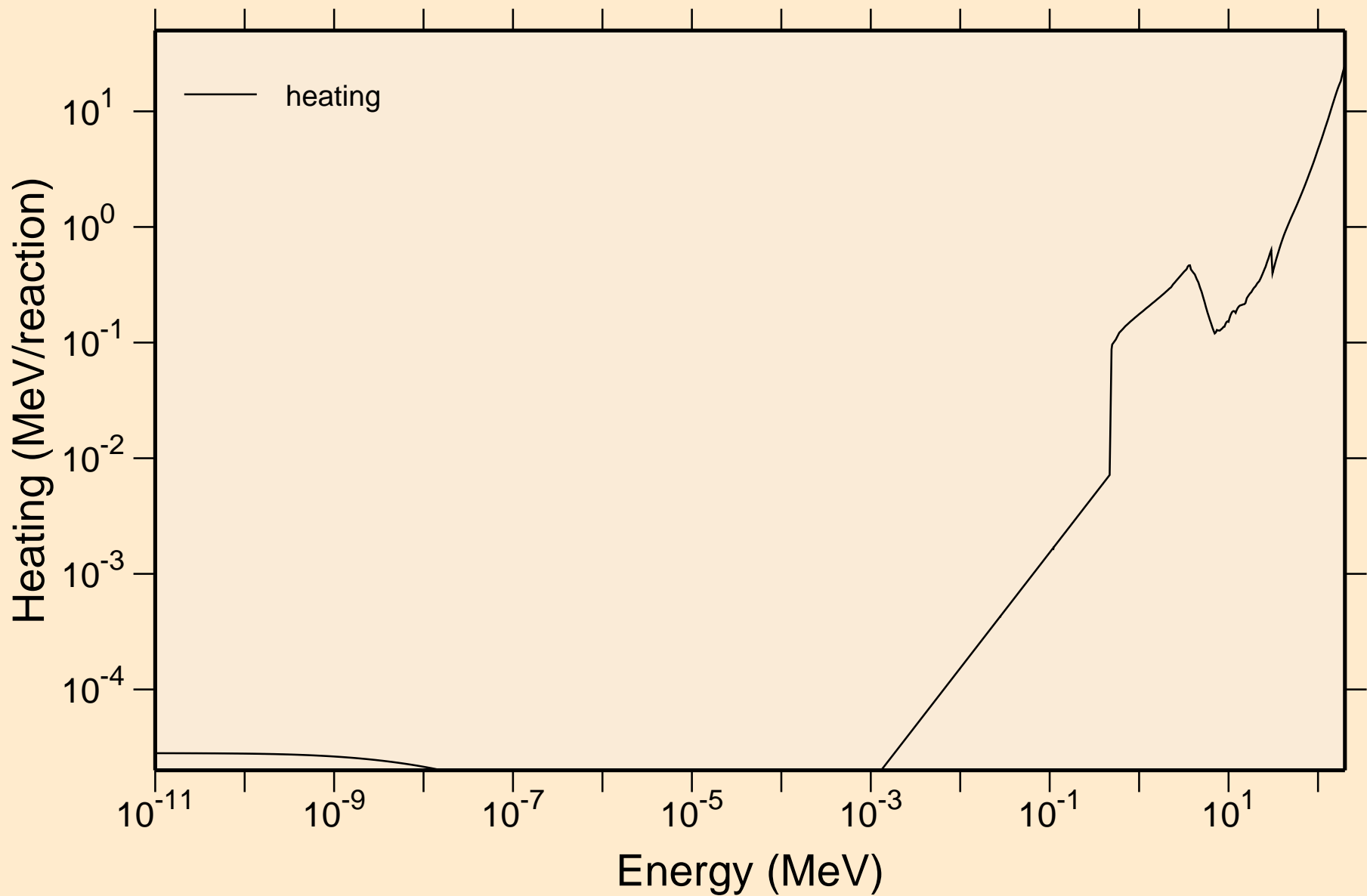




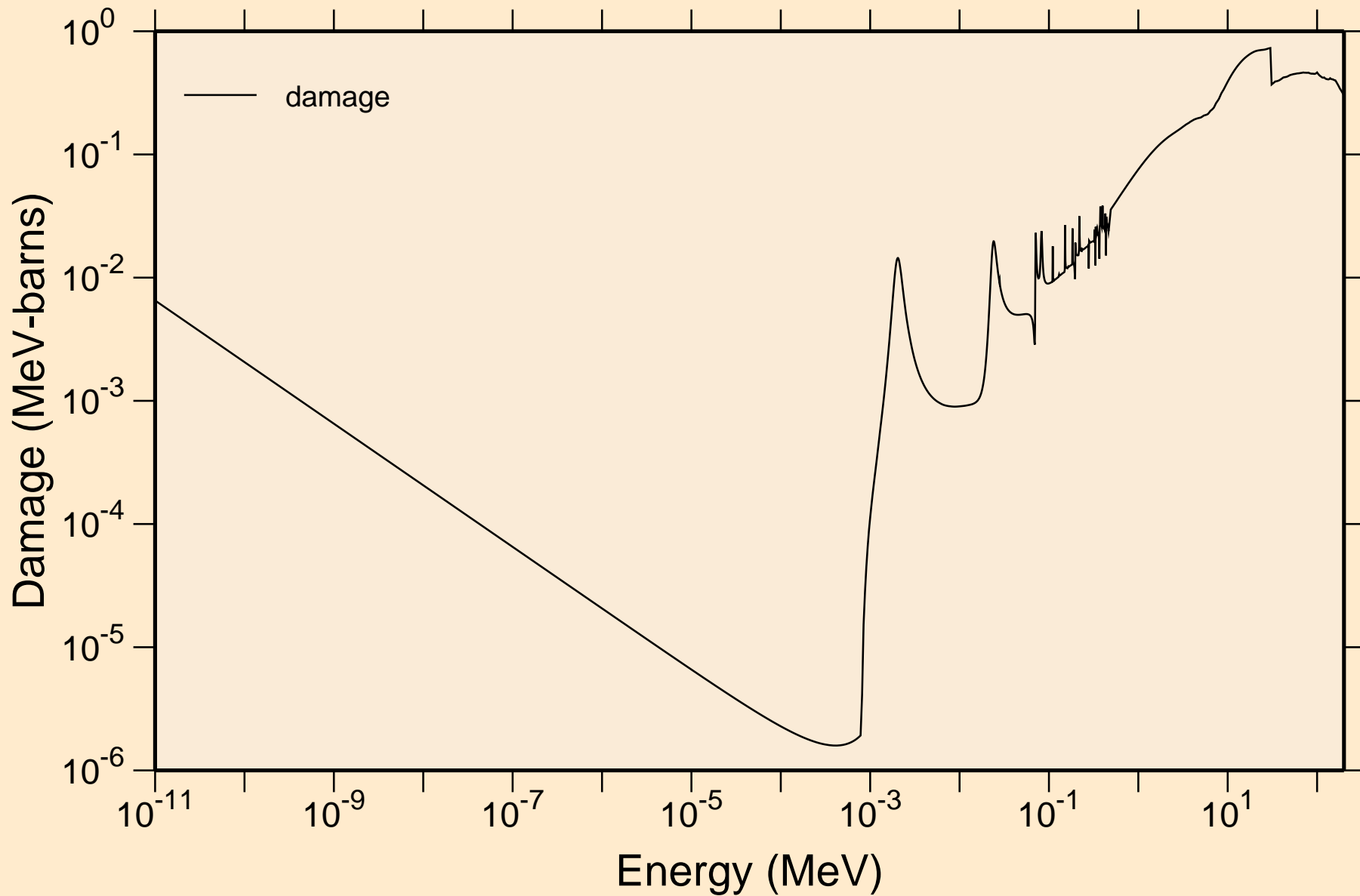
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
resonance absorption cross sections



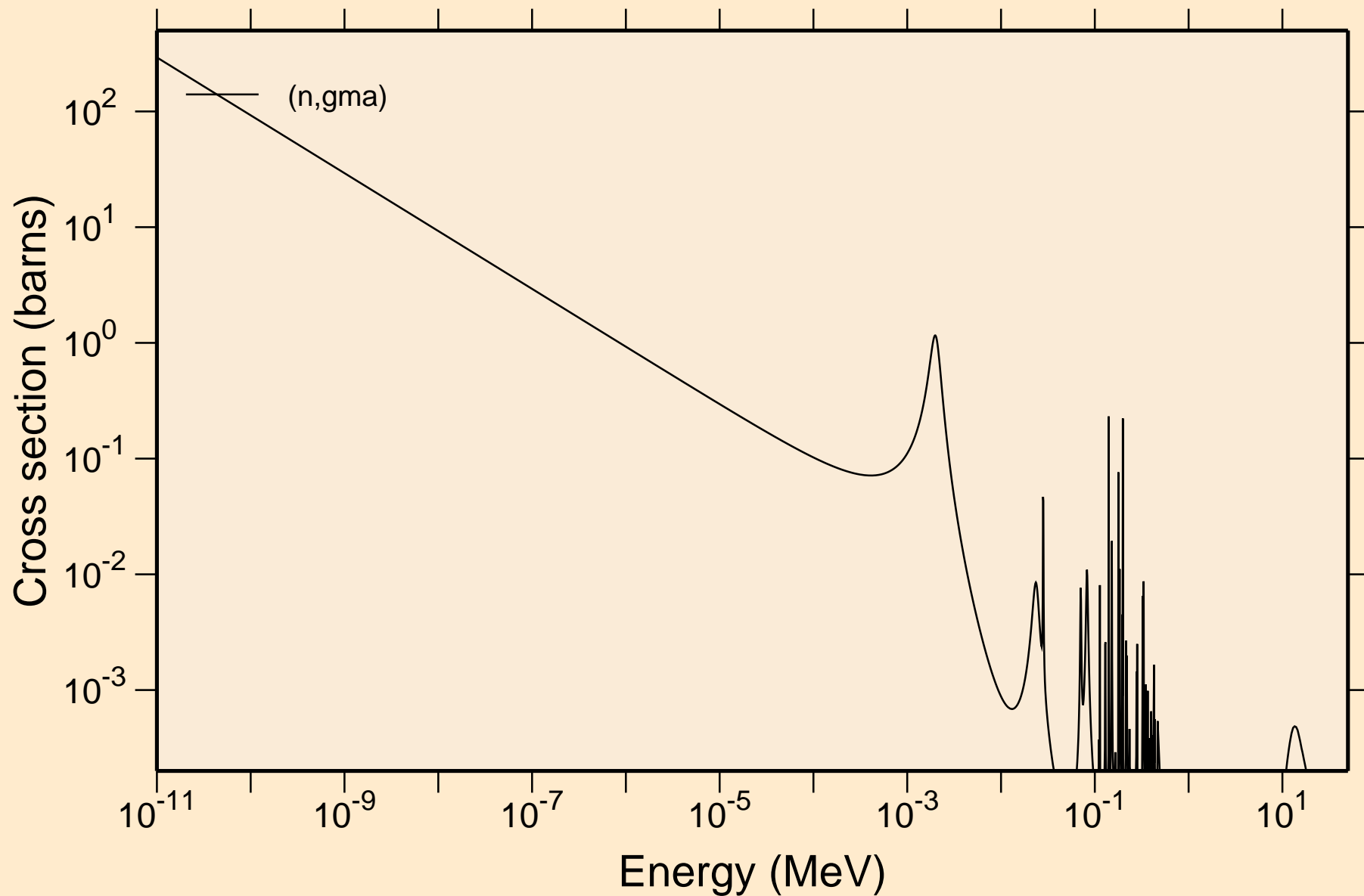
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



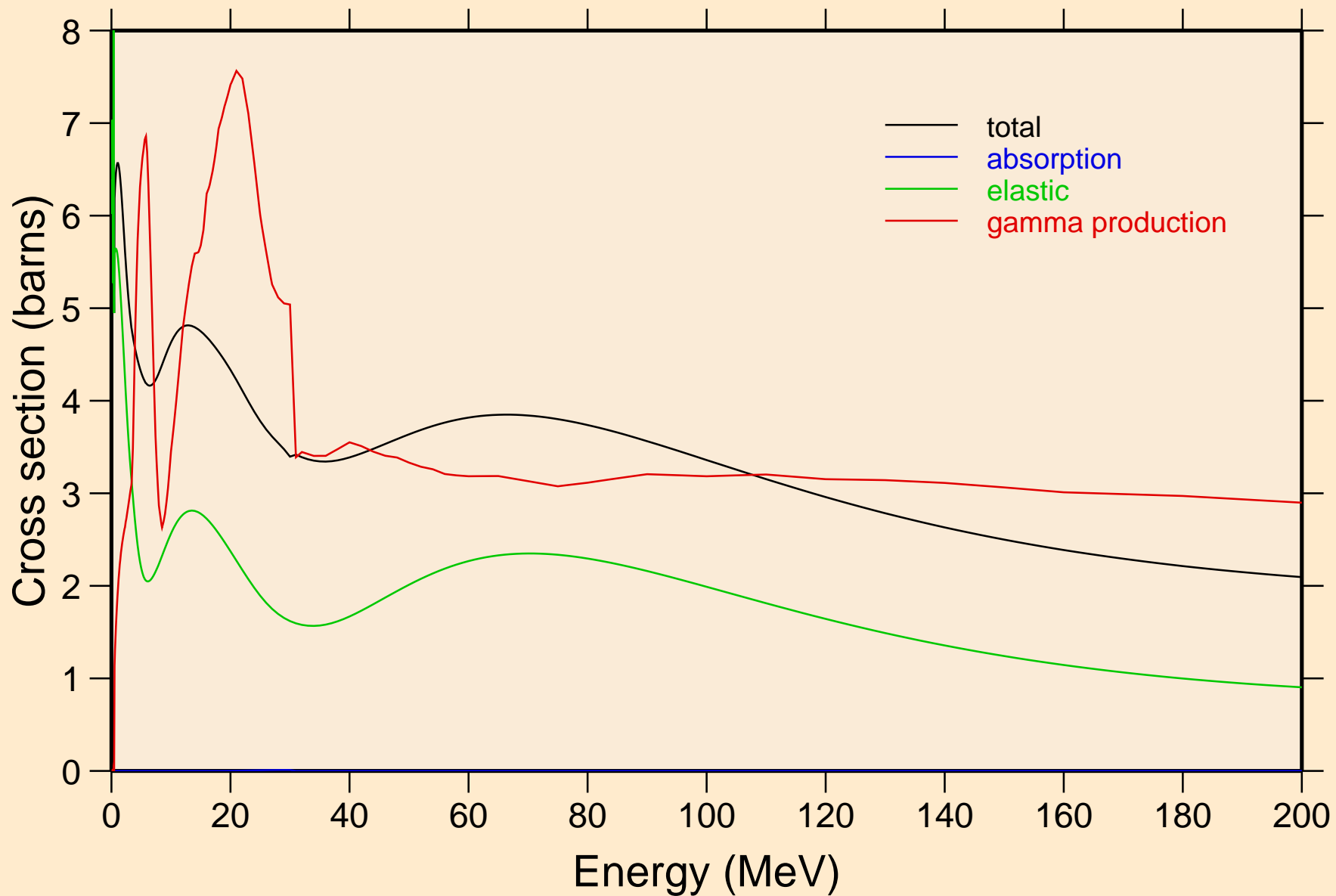
# SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage



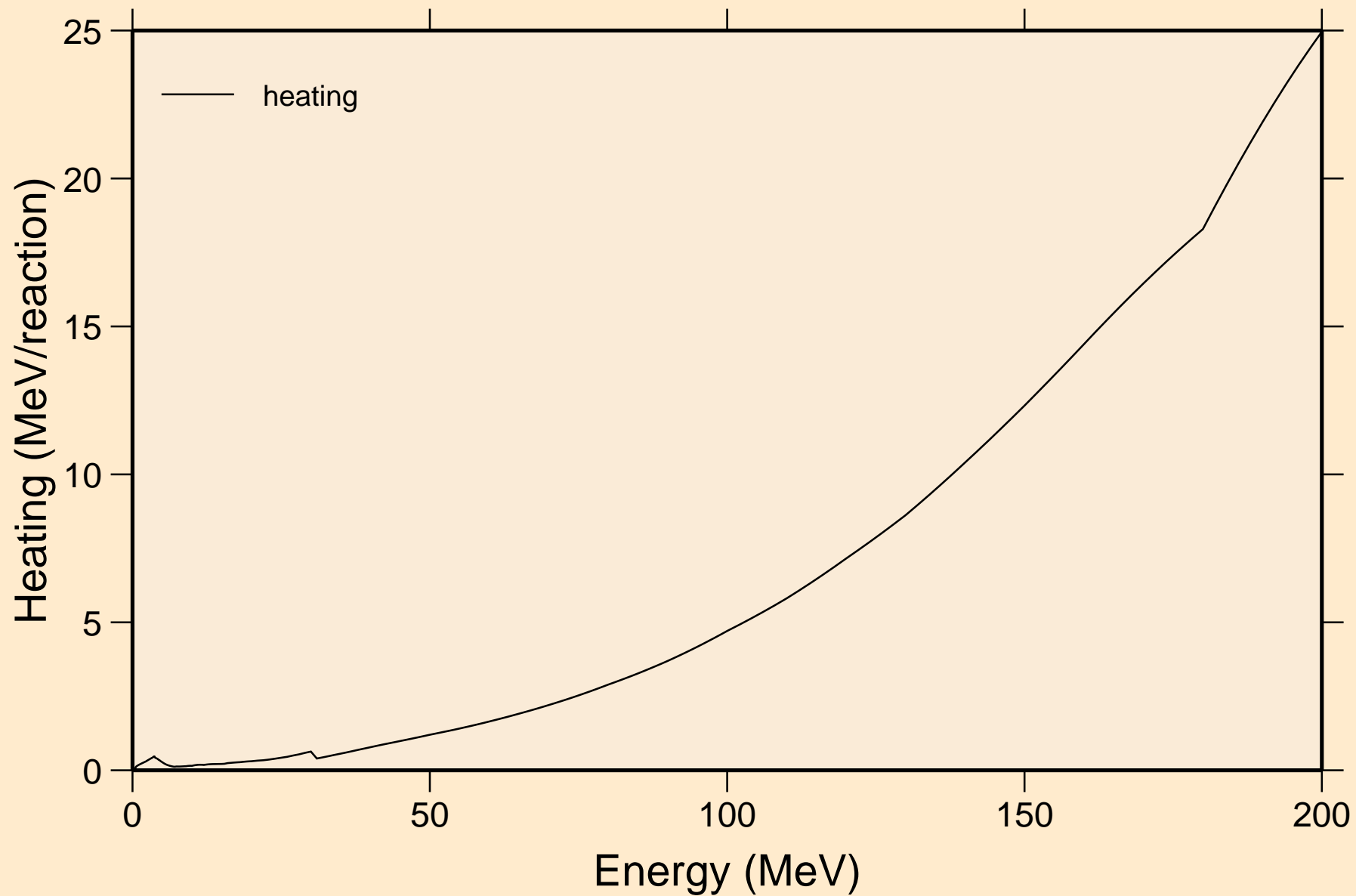
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



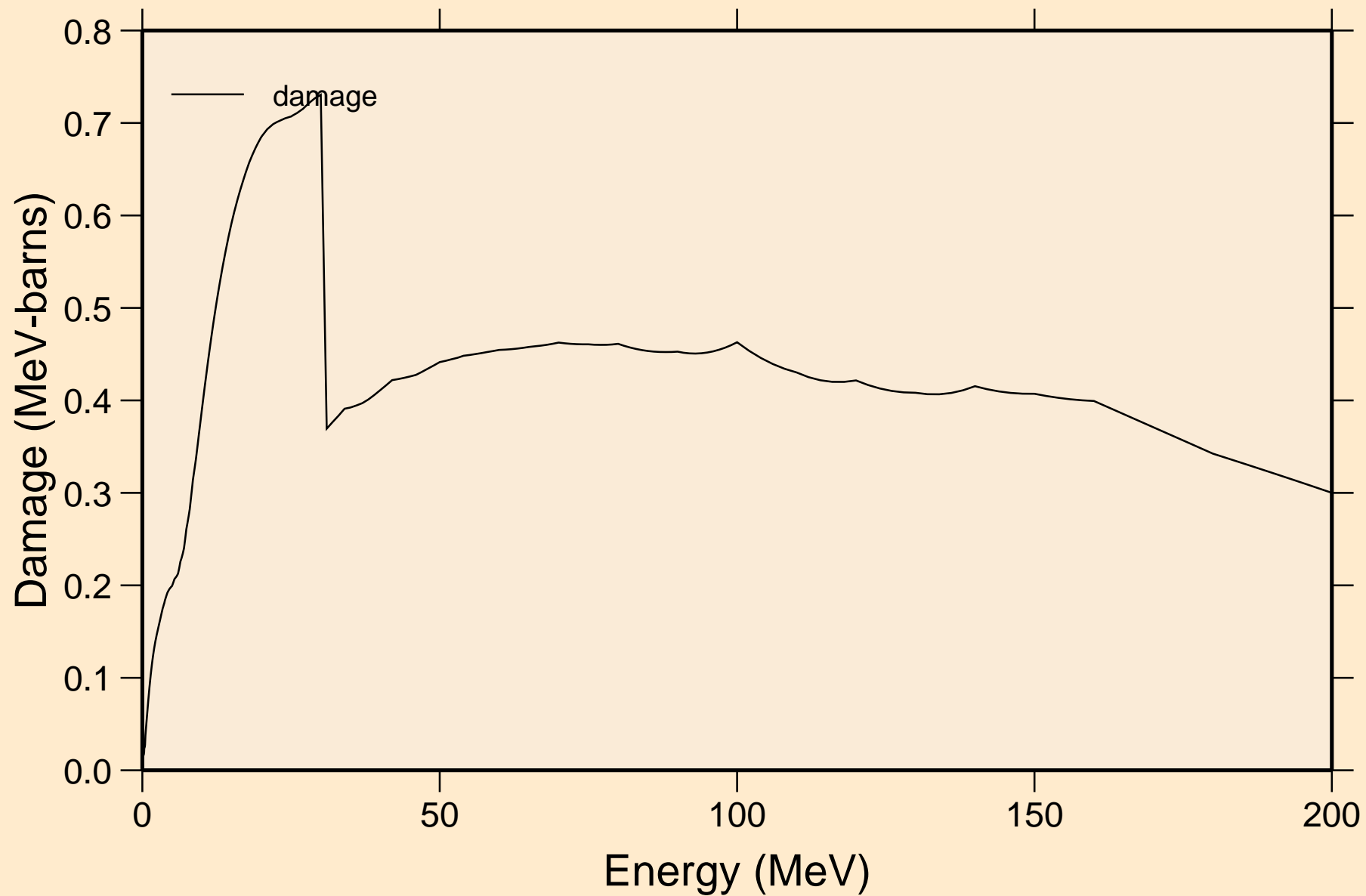
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Principal cross sections



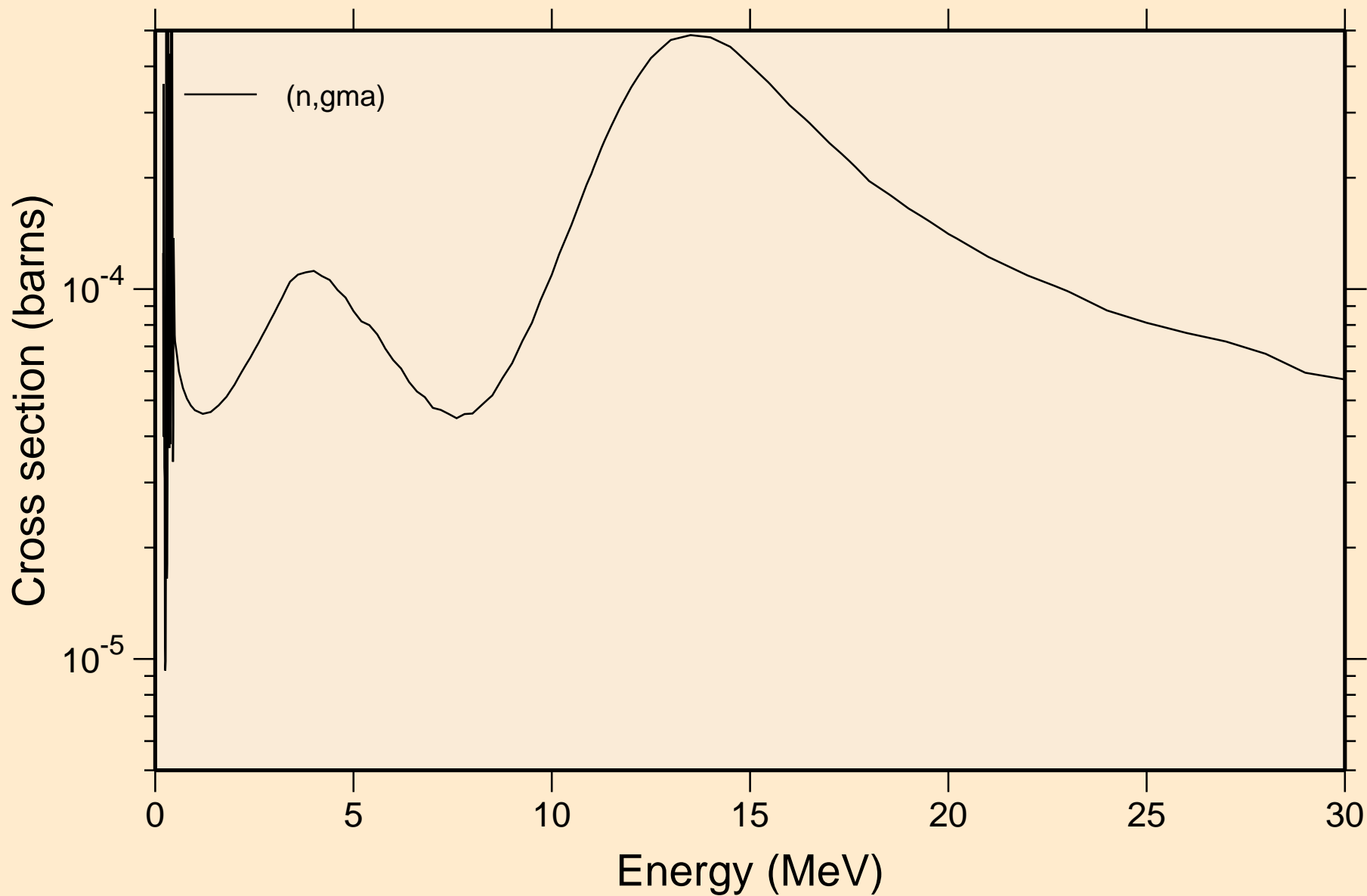
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



# SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage



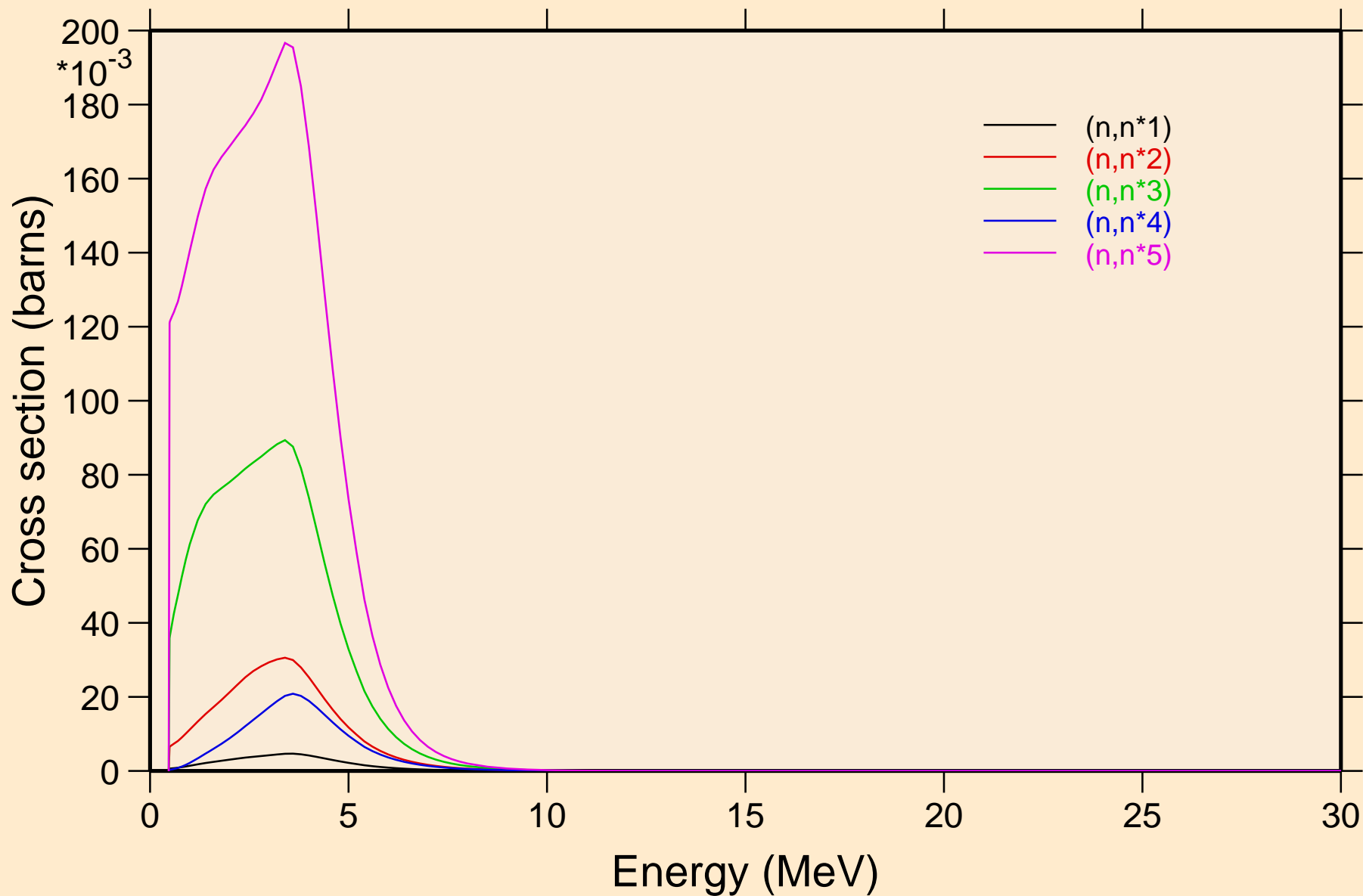
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions



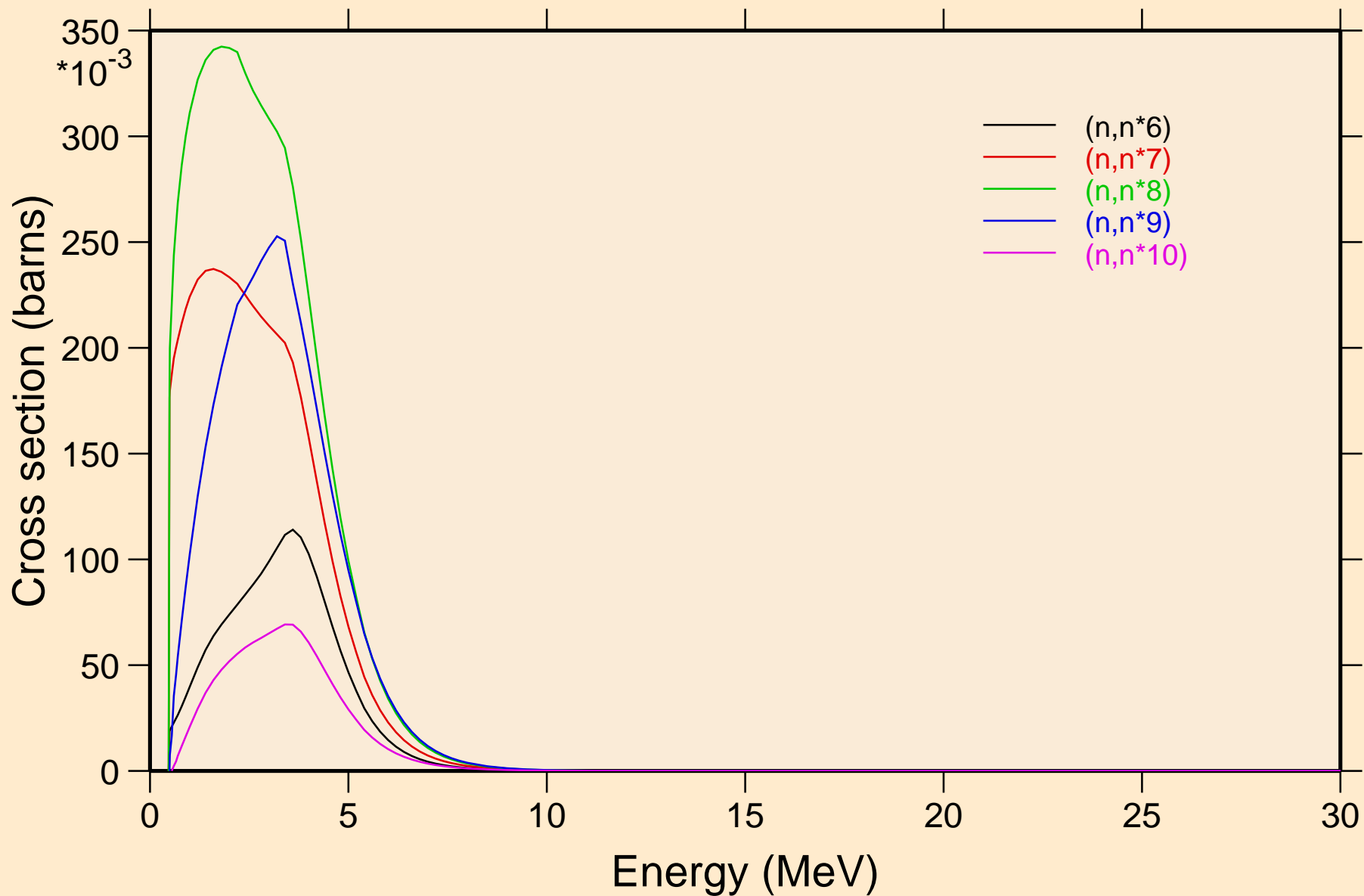


# SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

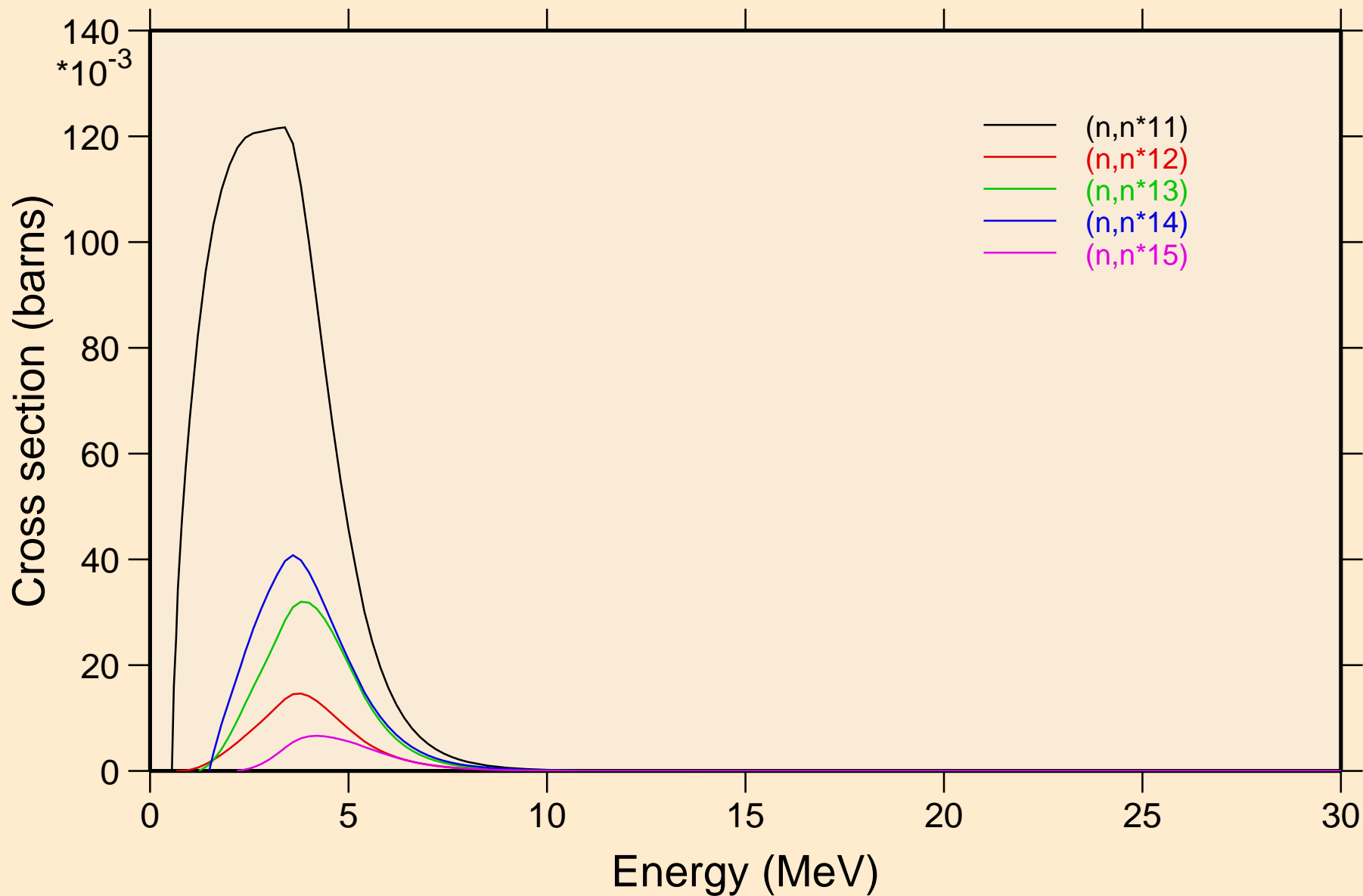
## Inelastic levels



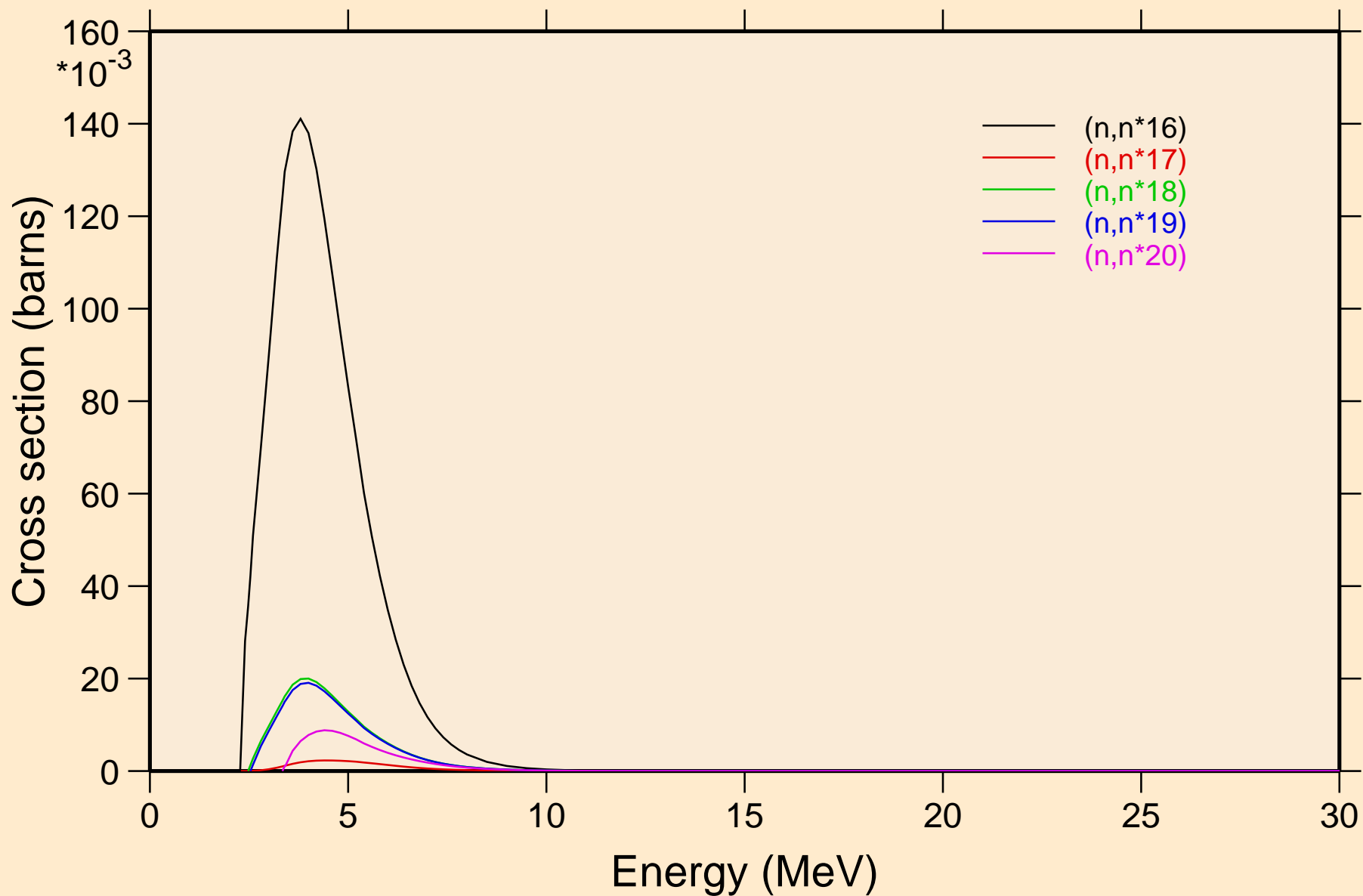
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



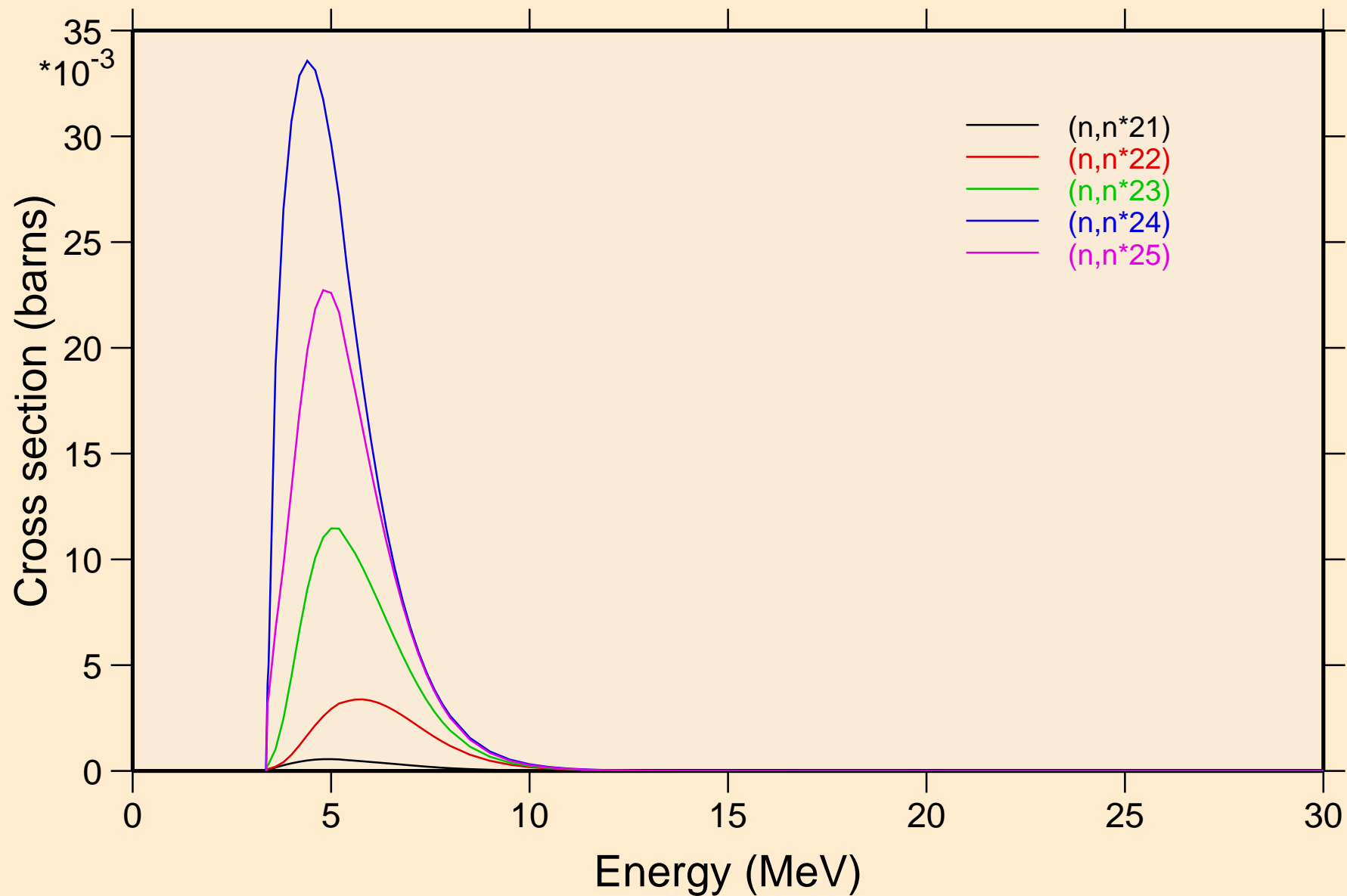
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



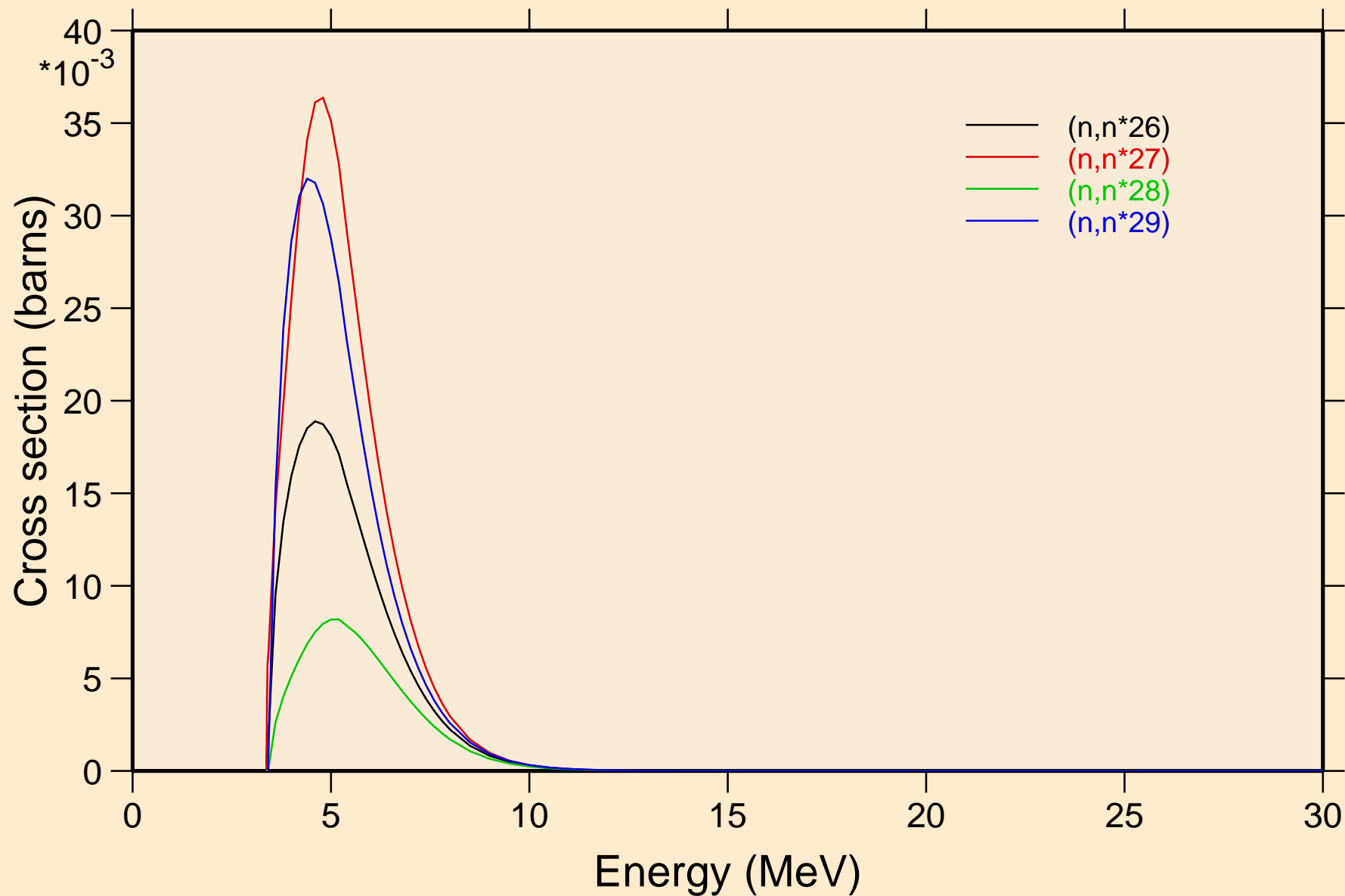
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

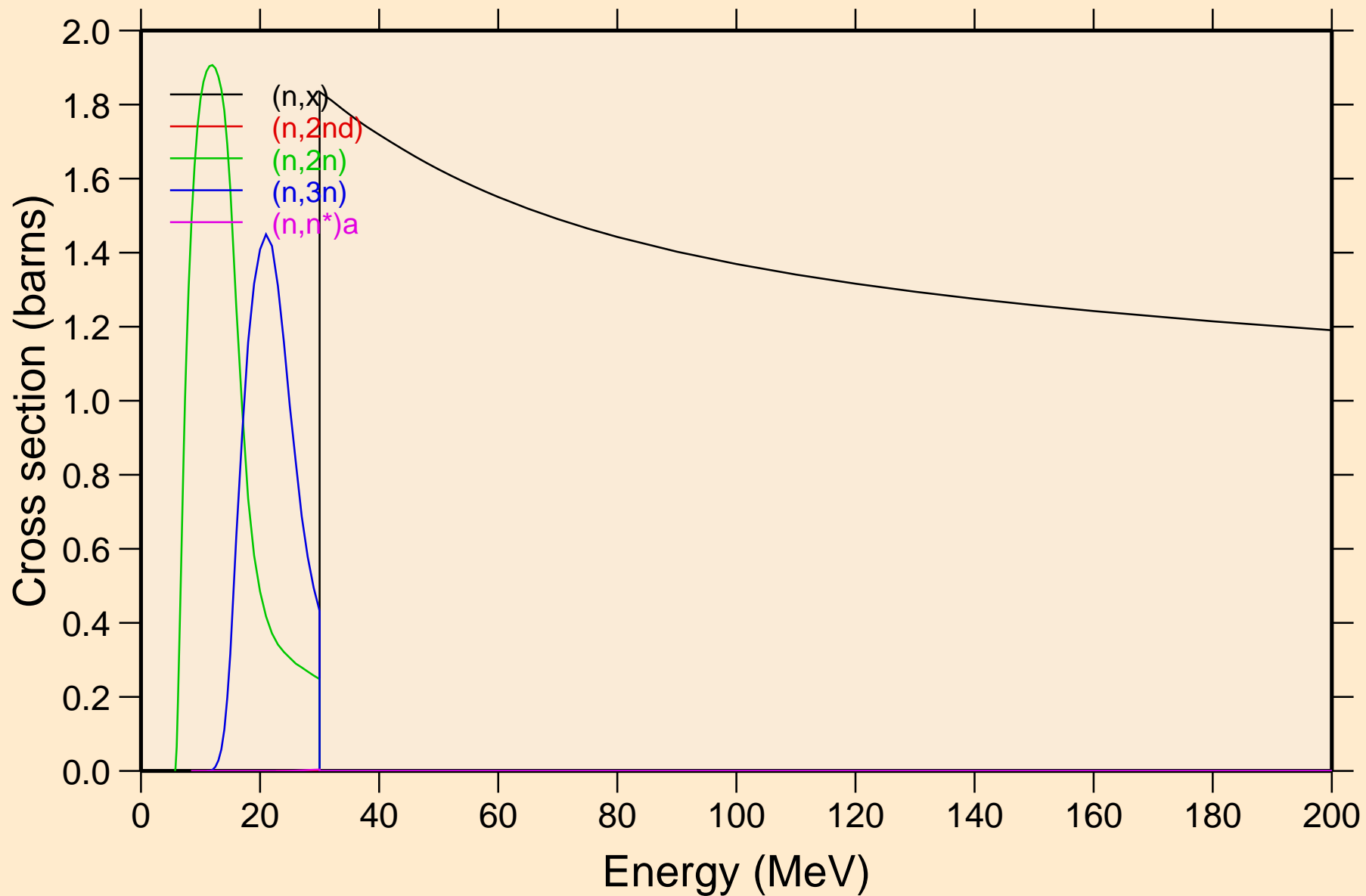


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels

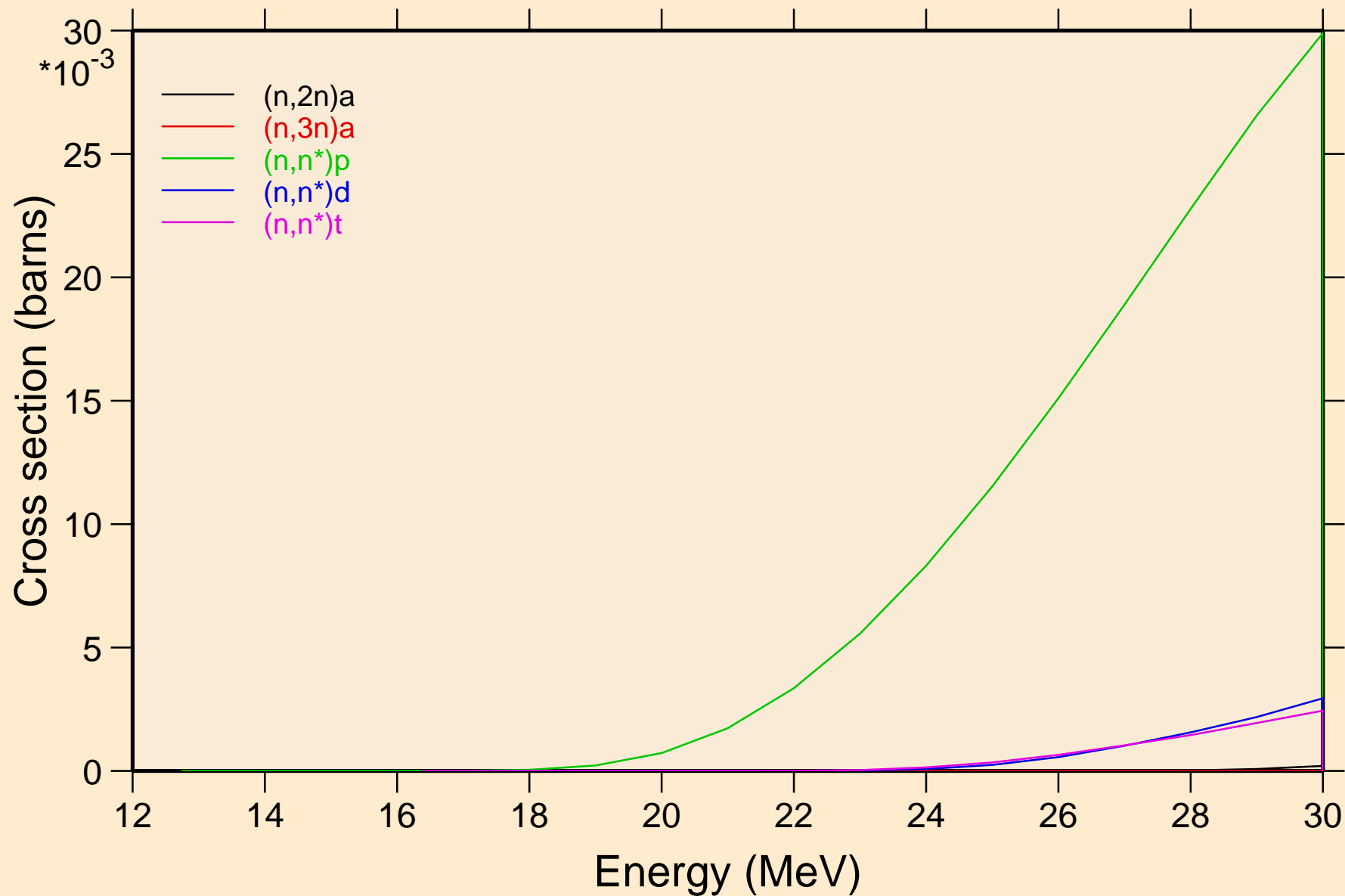


# SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Threshold reactions

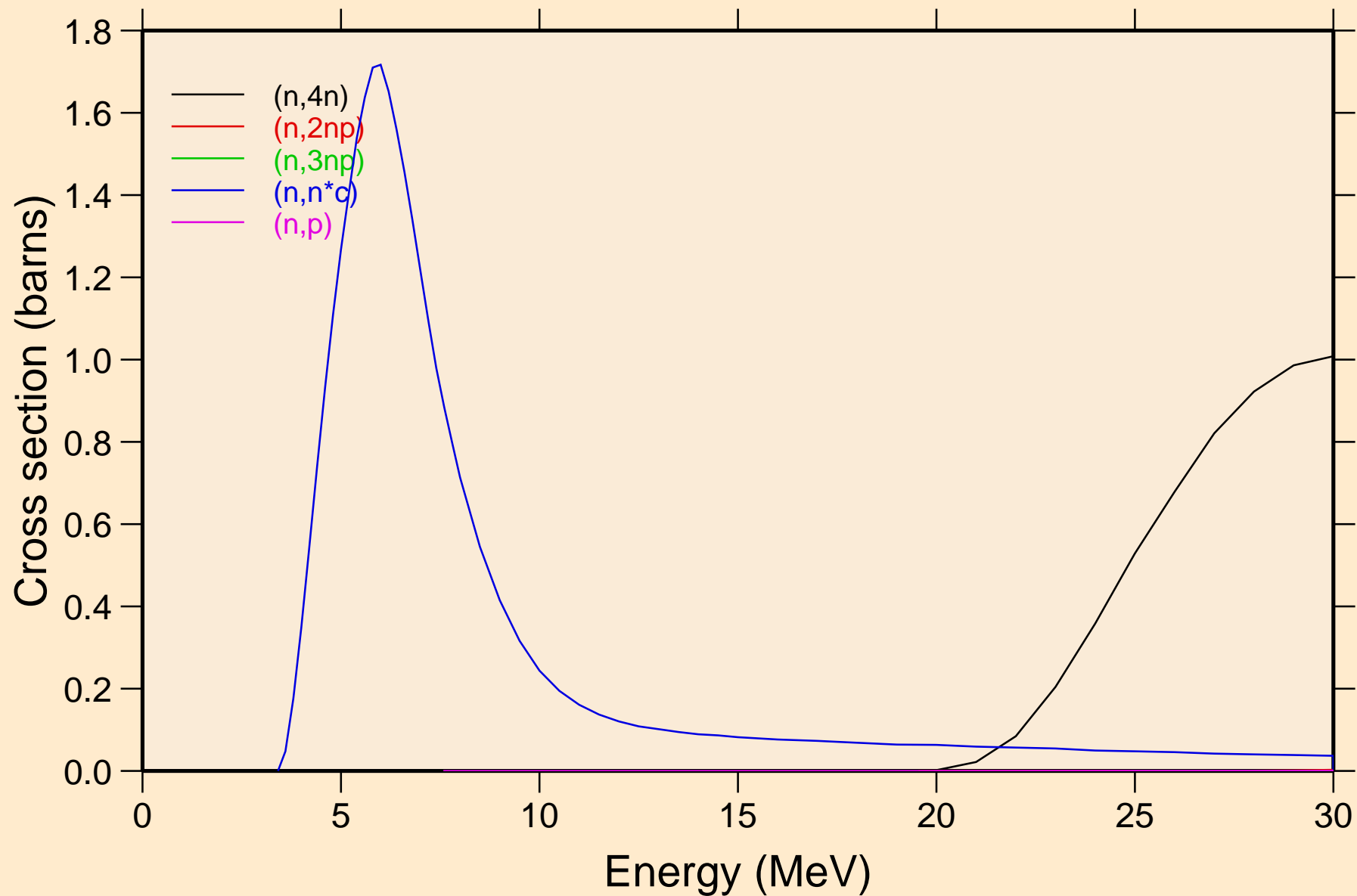


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

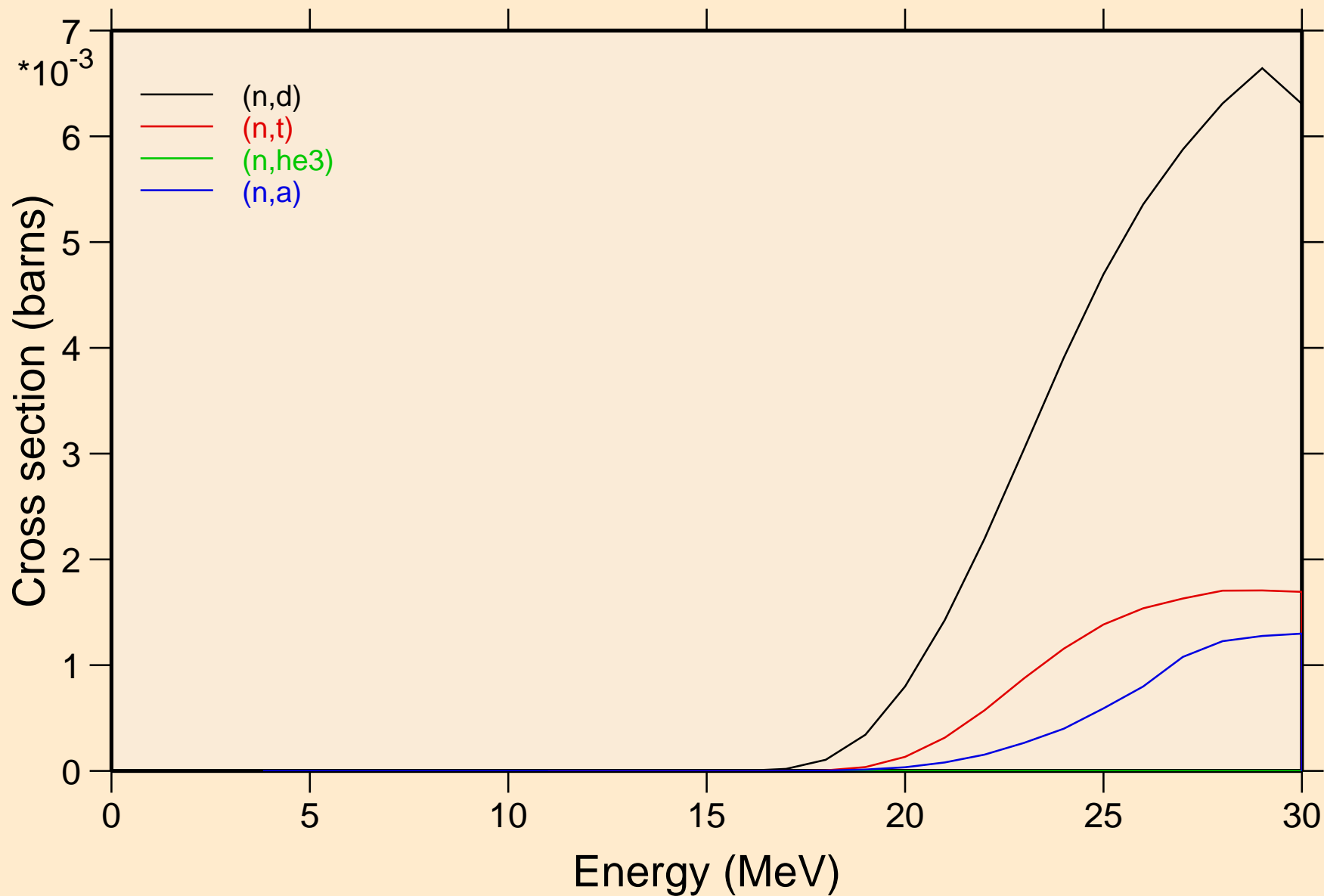




SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

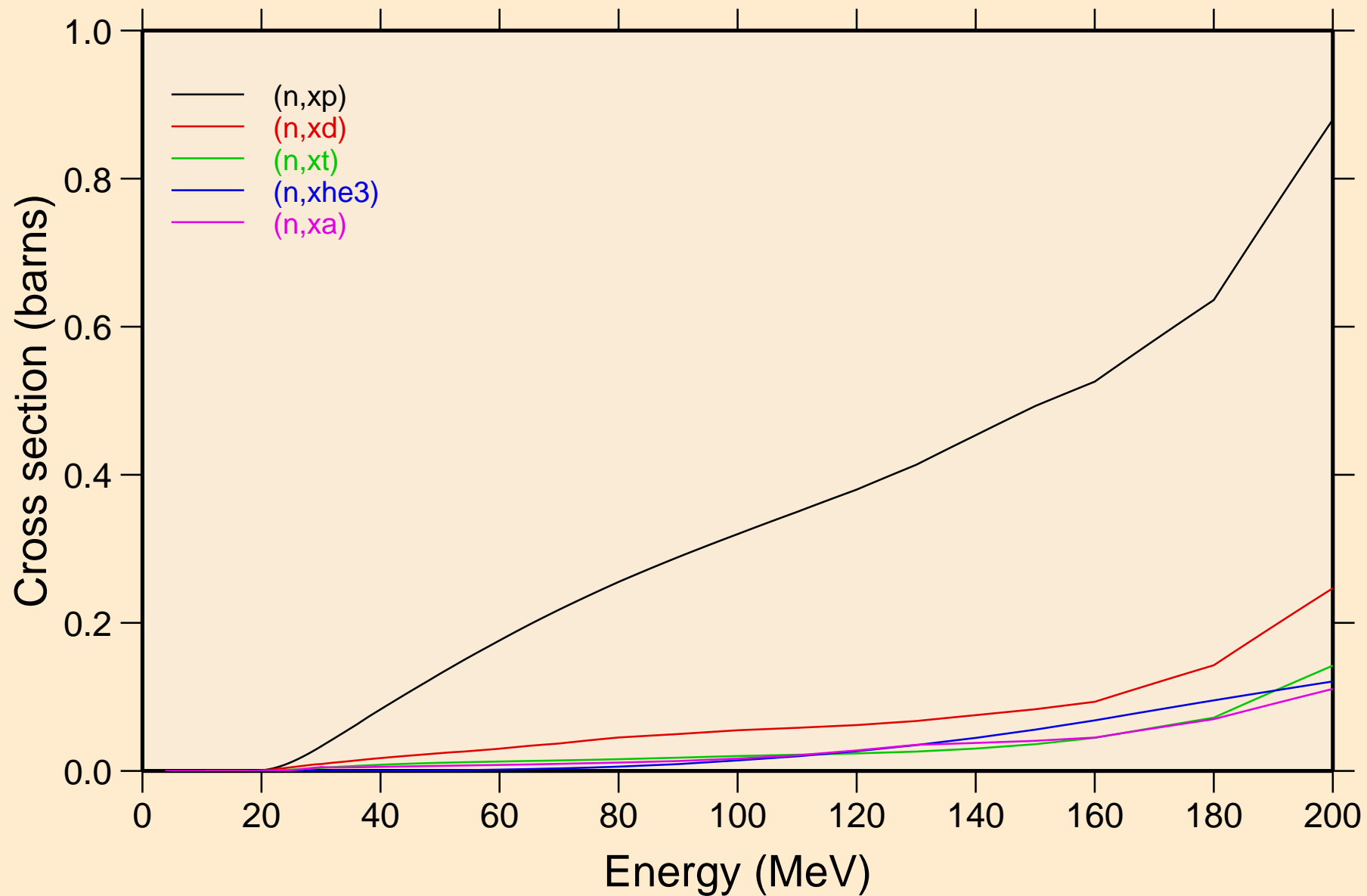


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

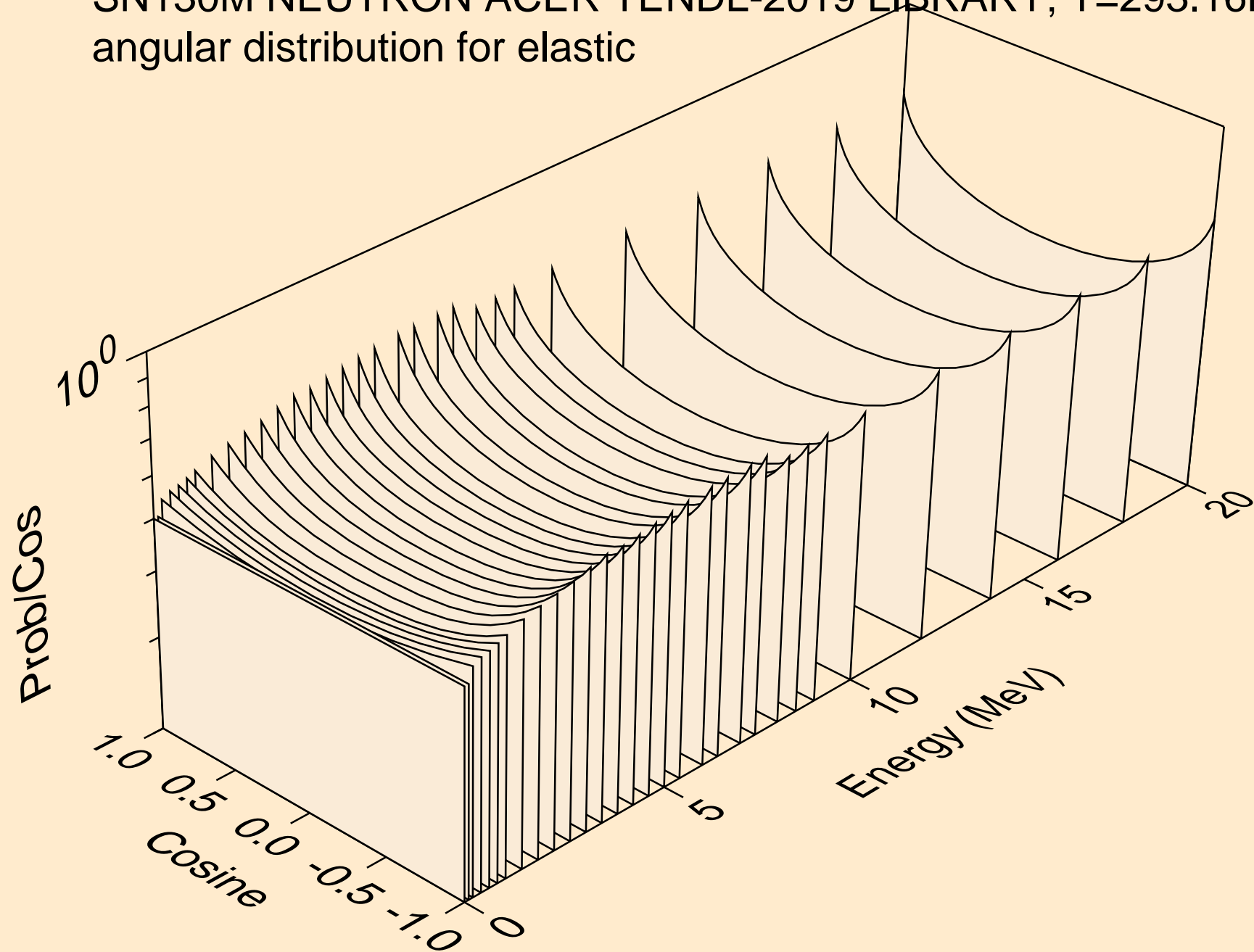


# SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

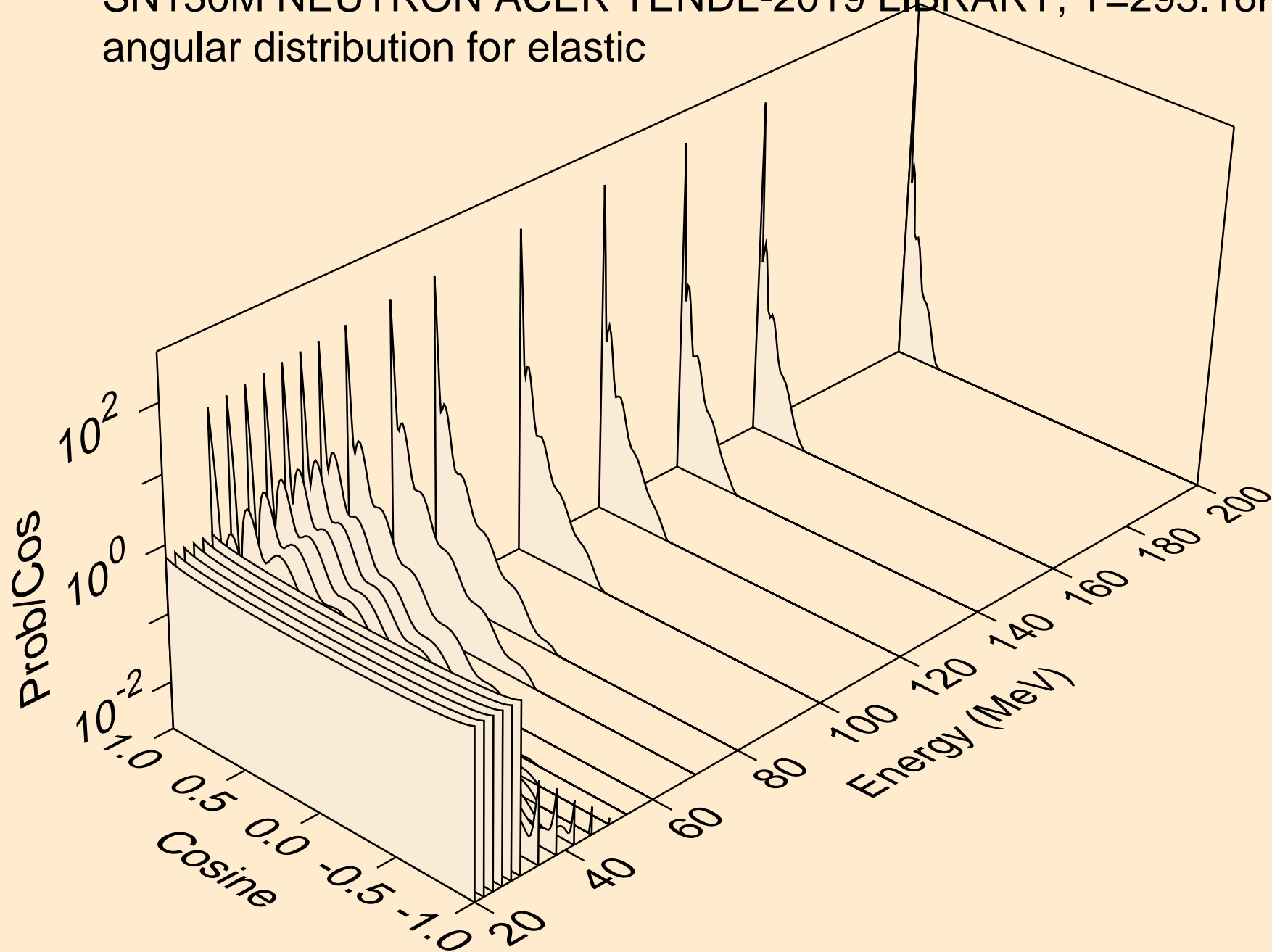
## Threshold reactions



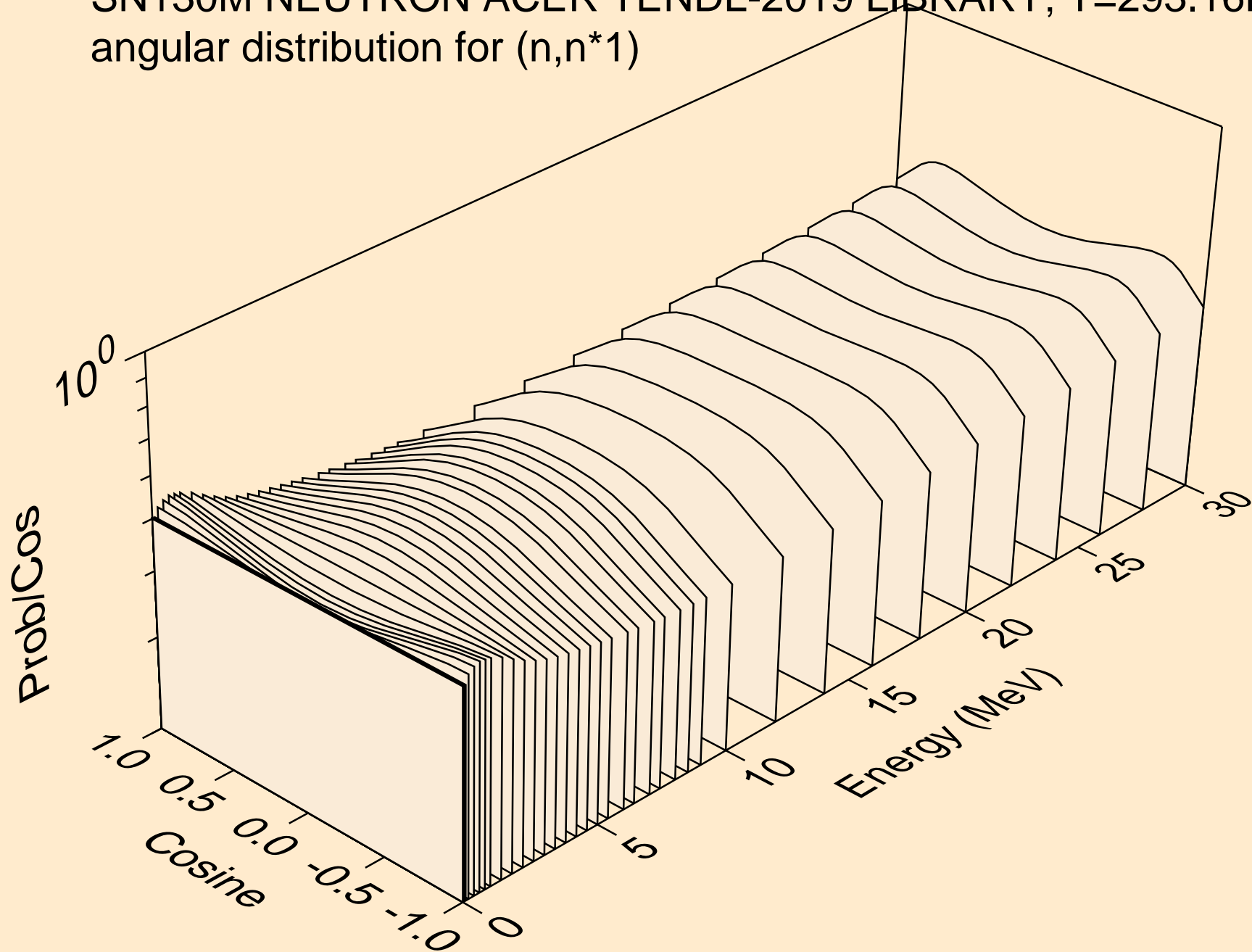
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



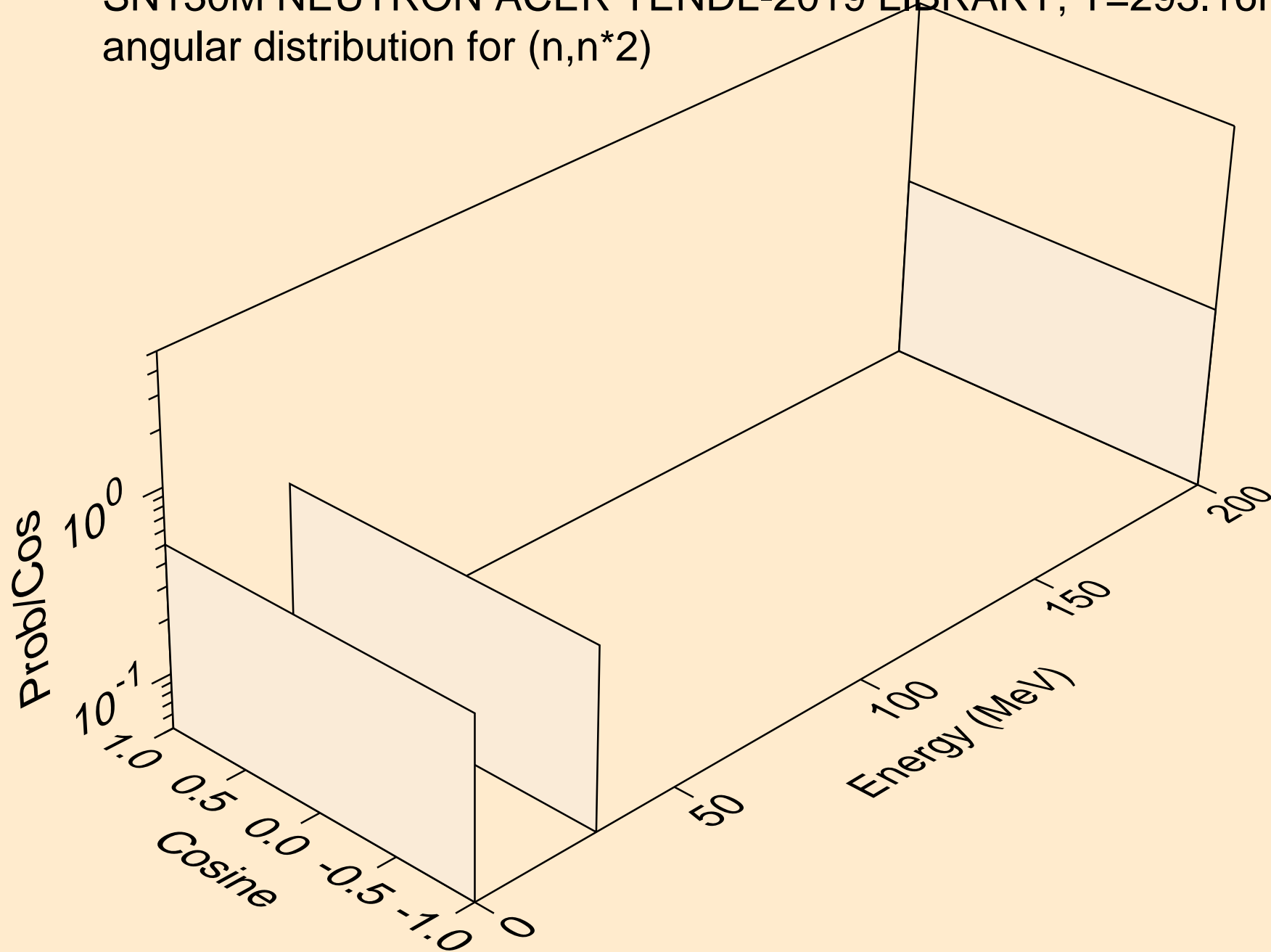
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



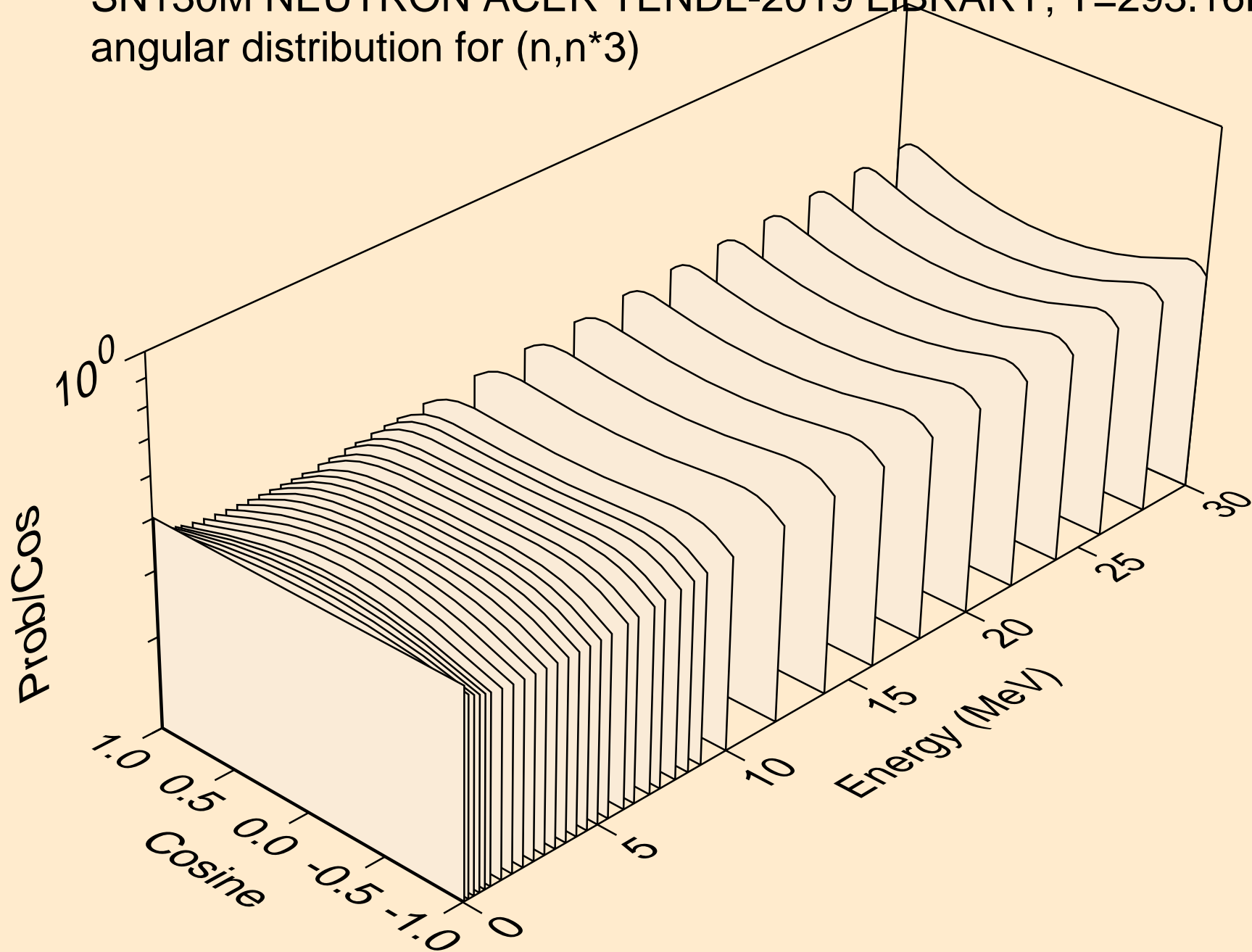
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)

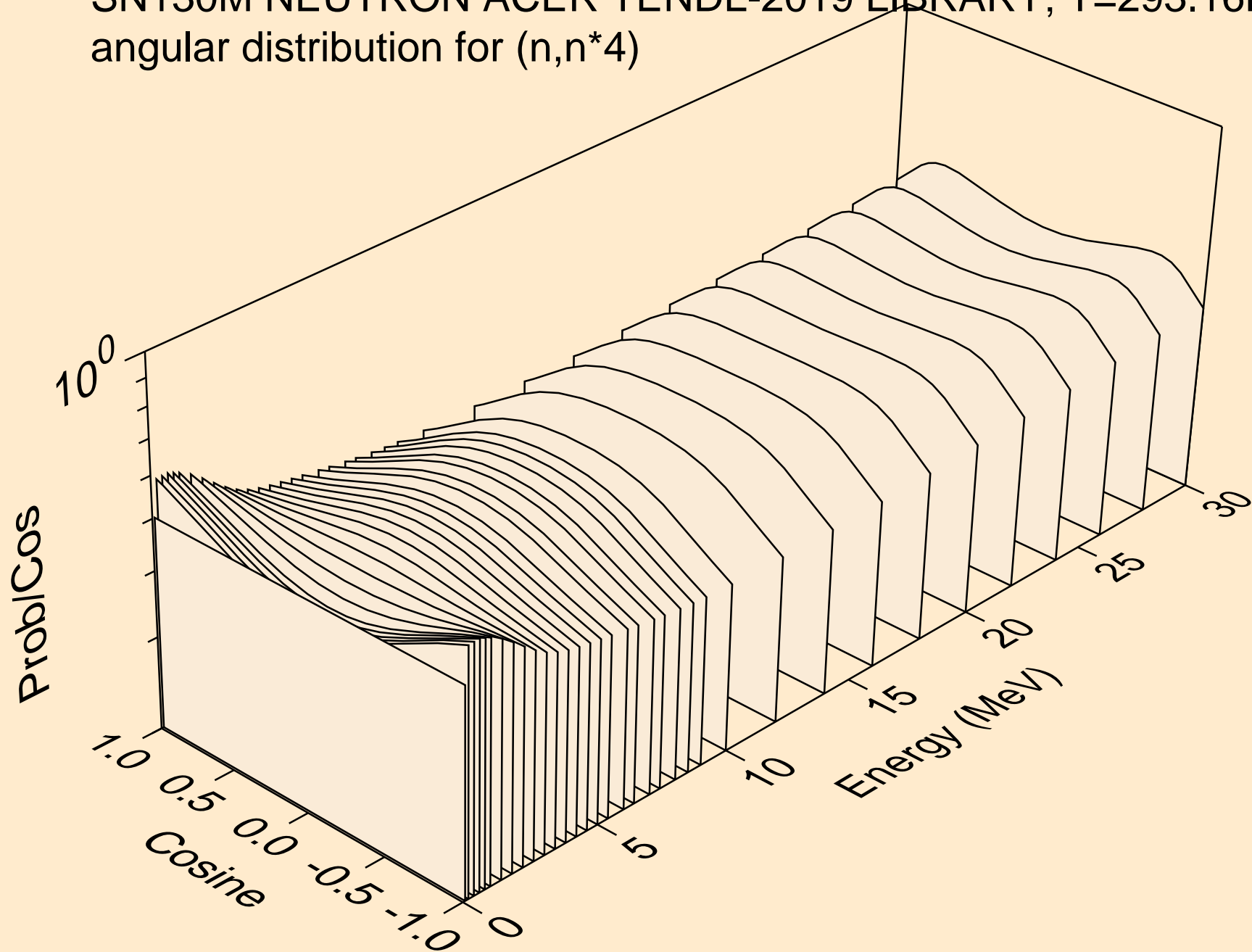


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*3)

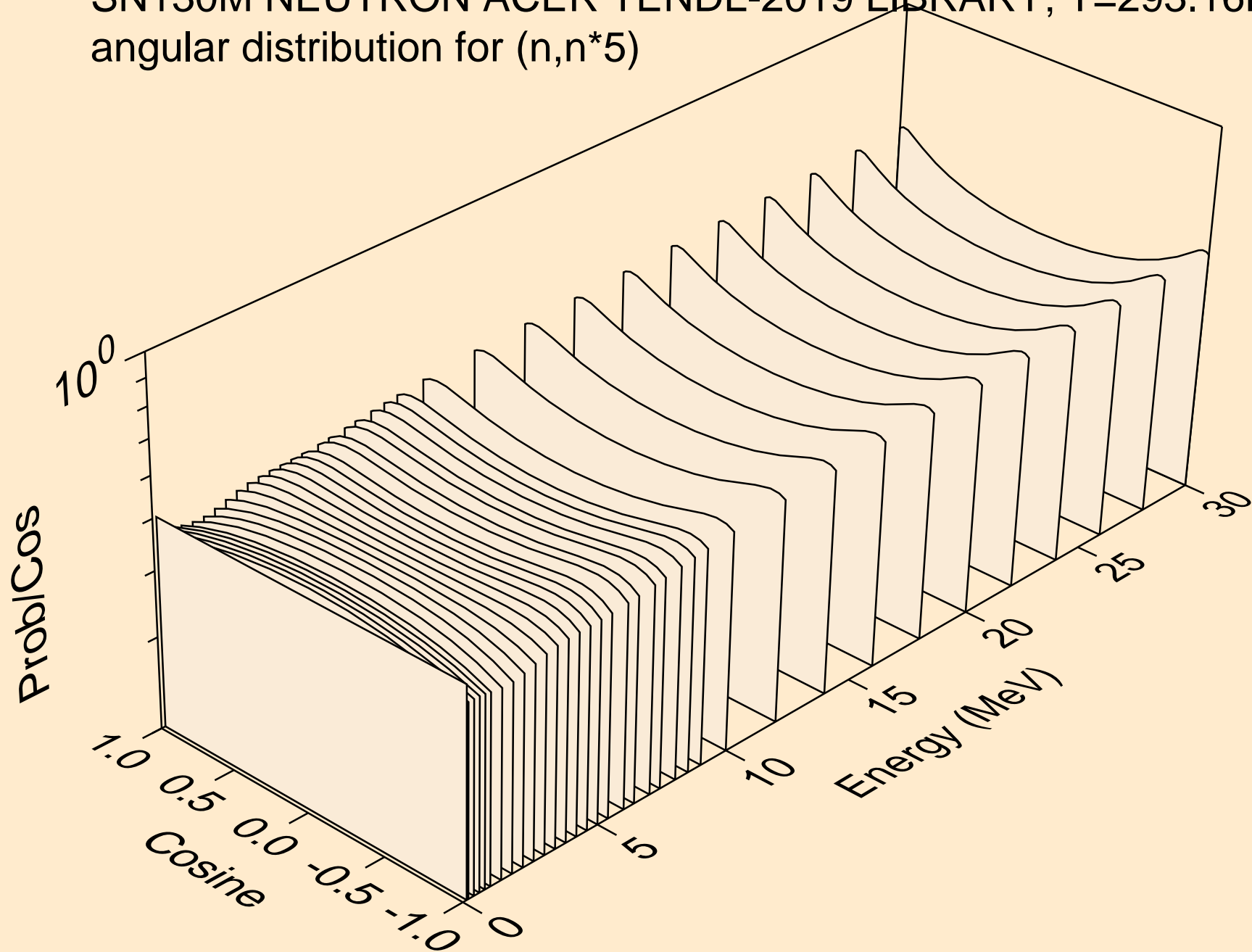




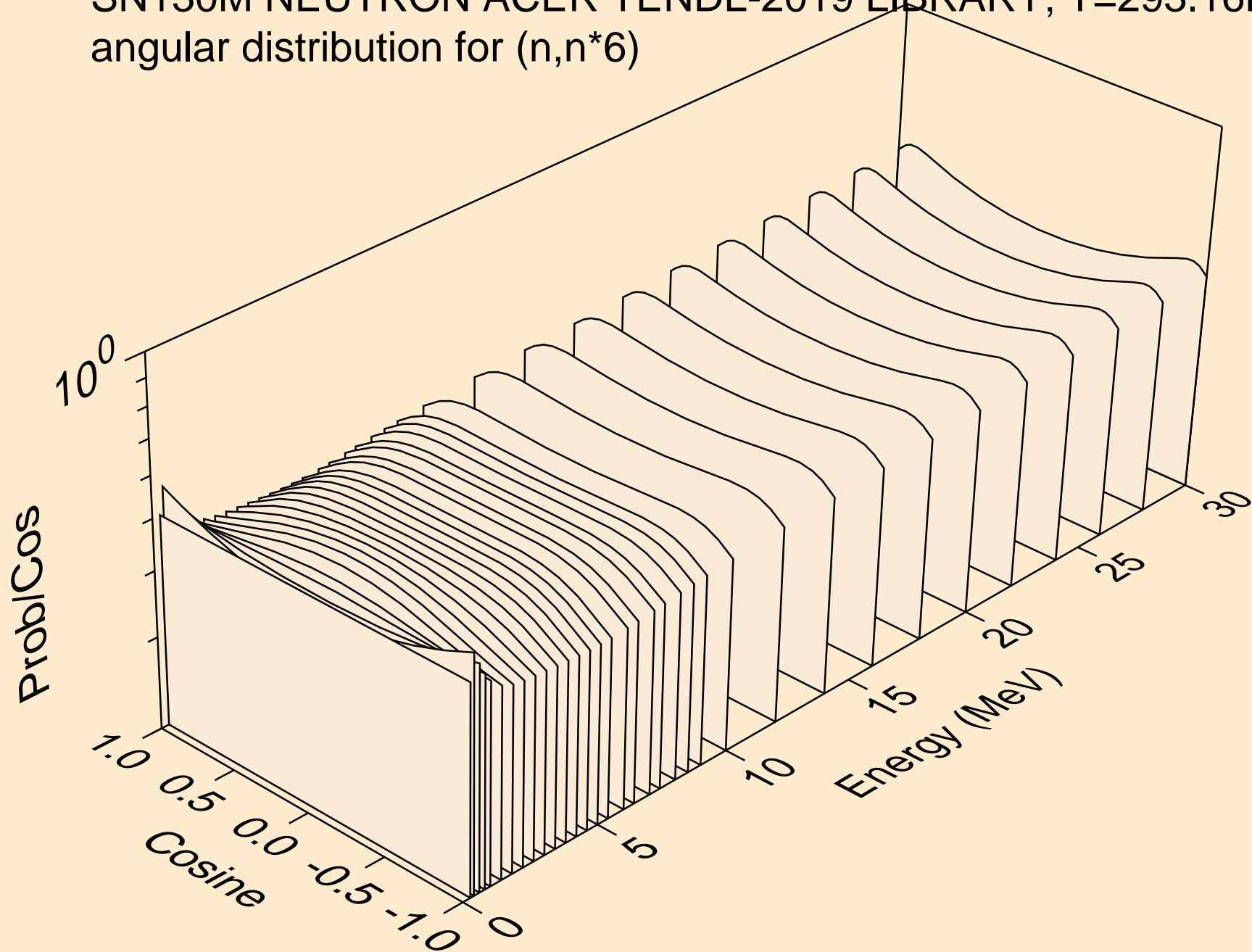
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*4)



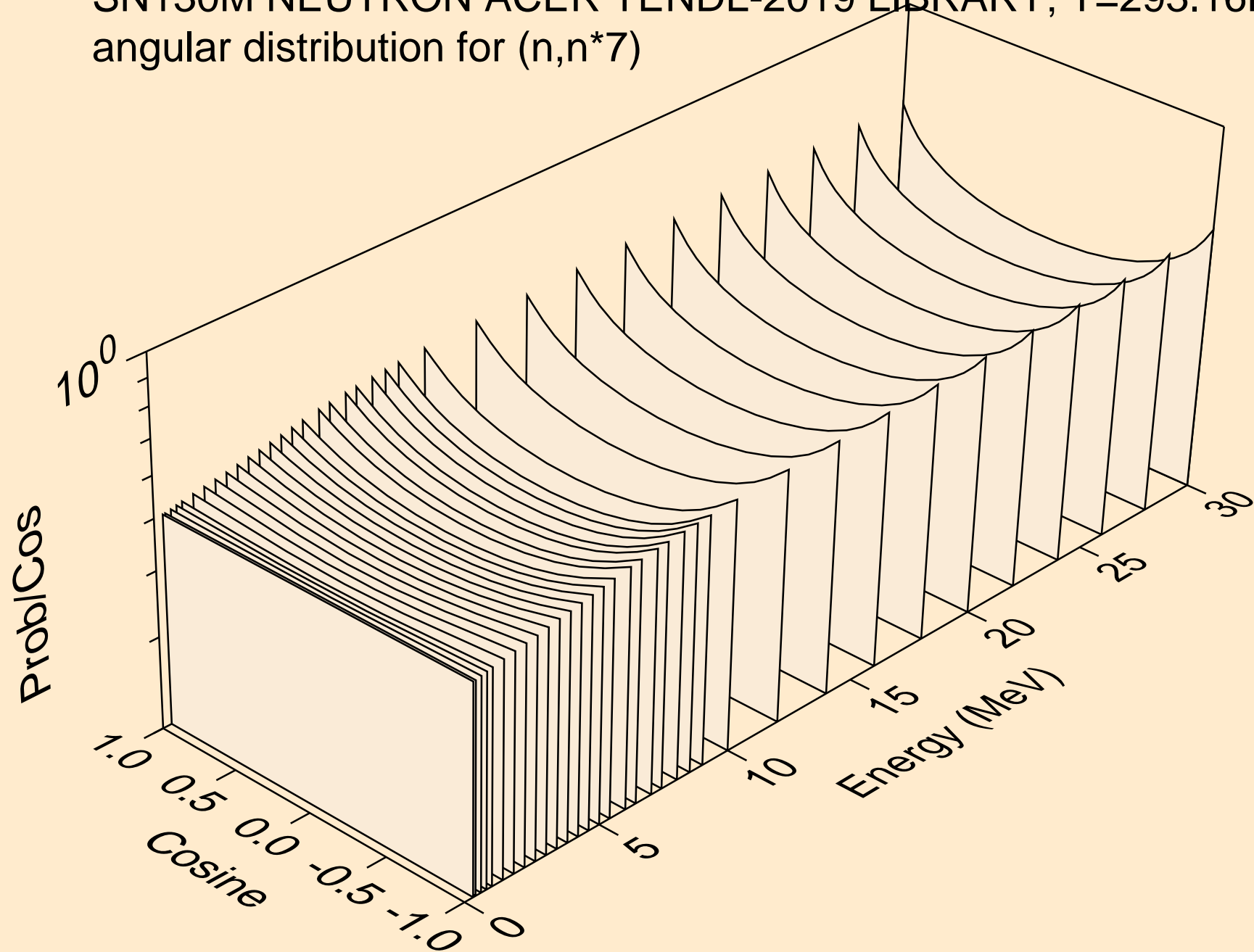
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*5)



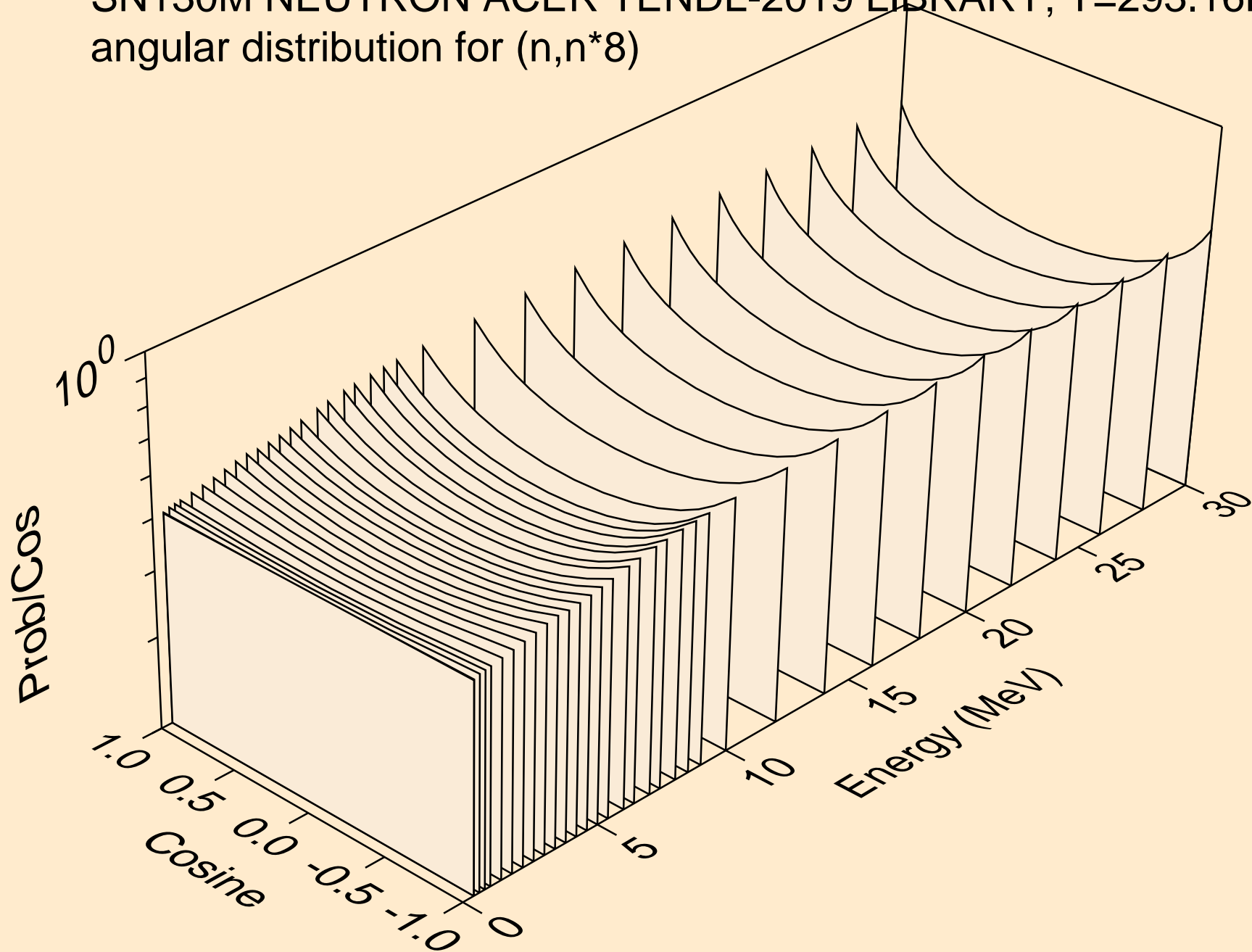
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*6)



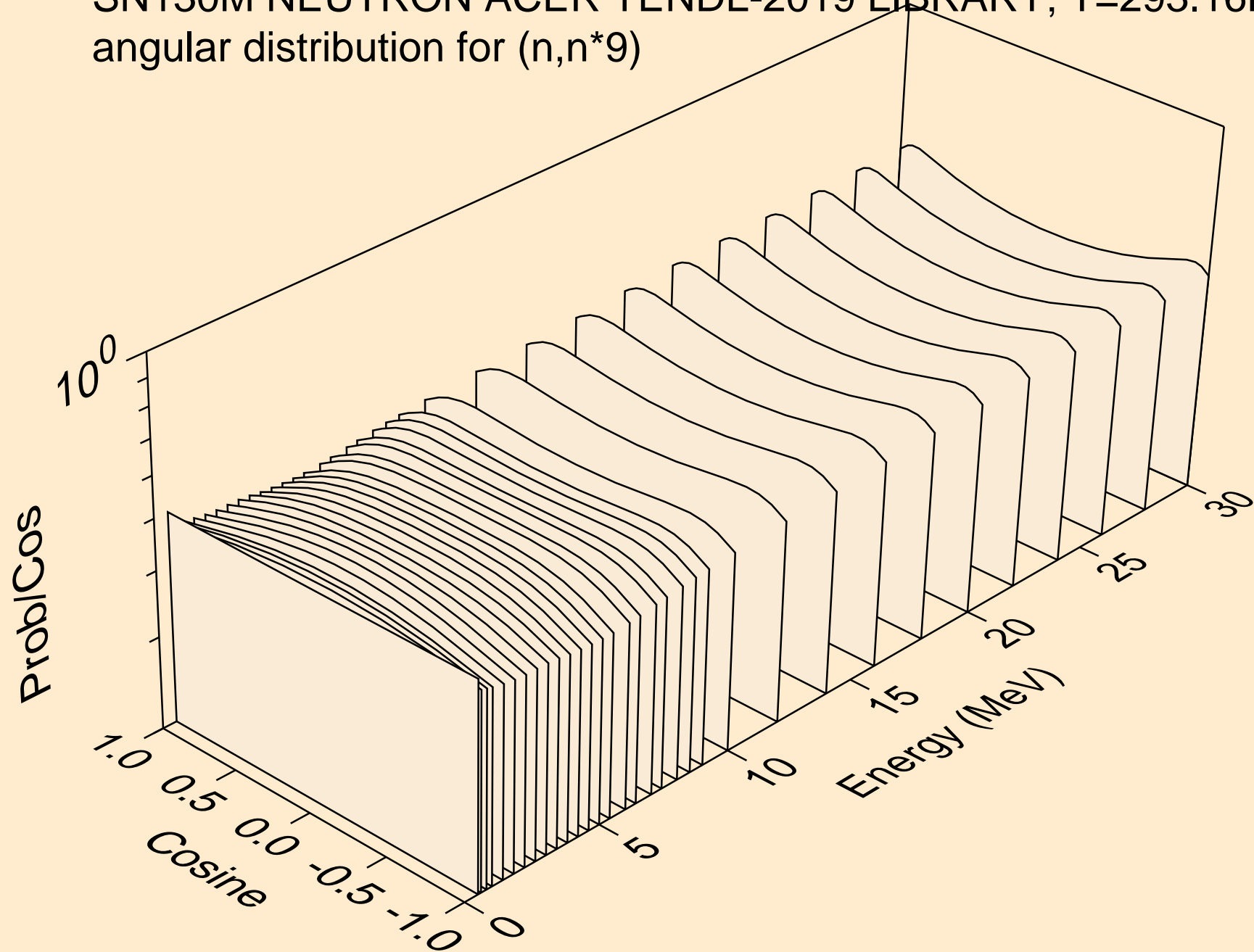
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angular distribution for (n,n\*7)



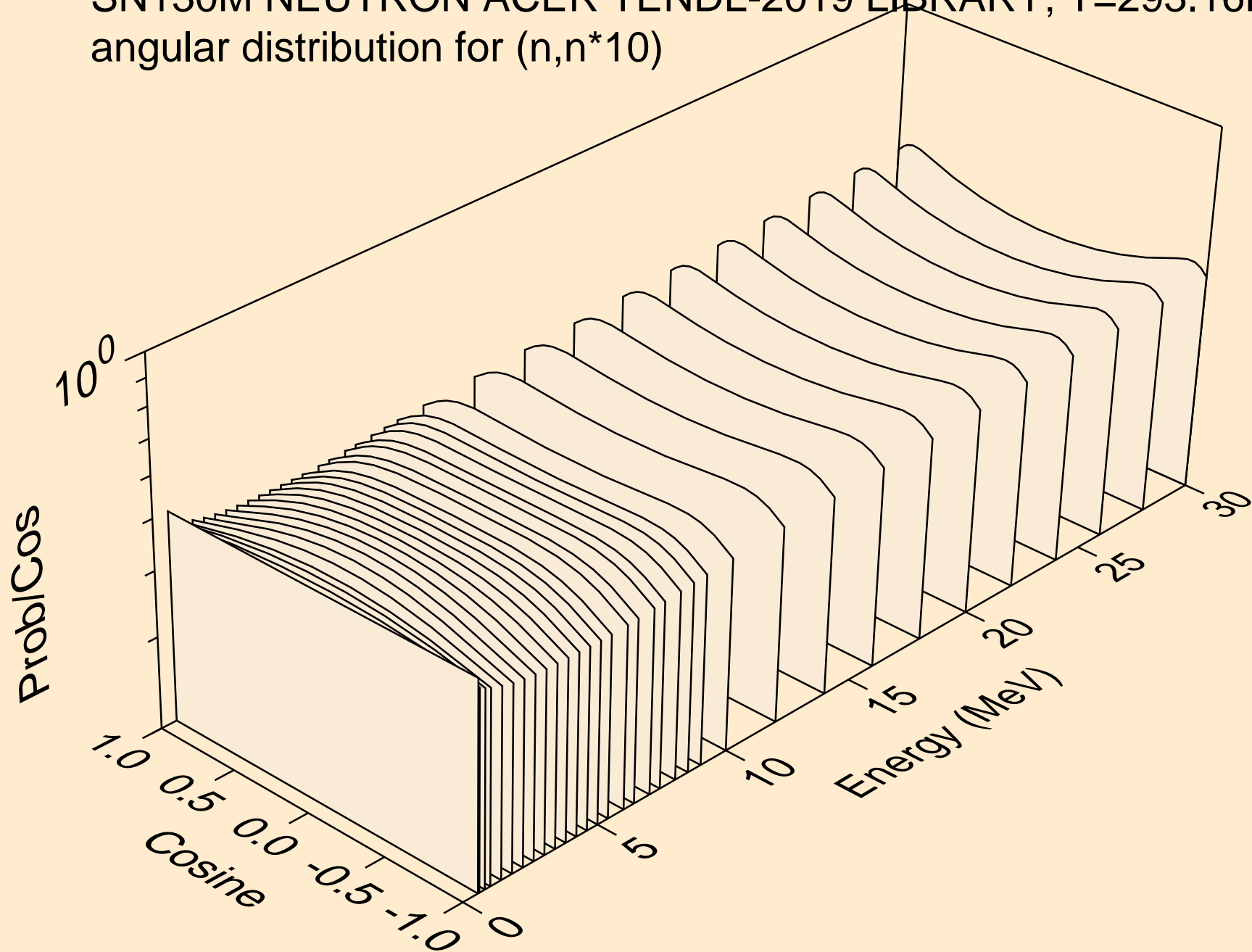
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*8)



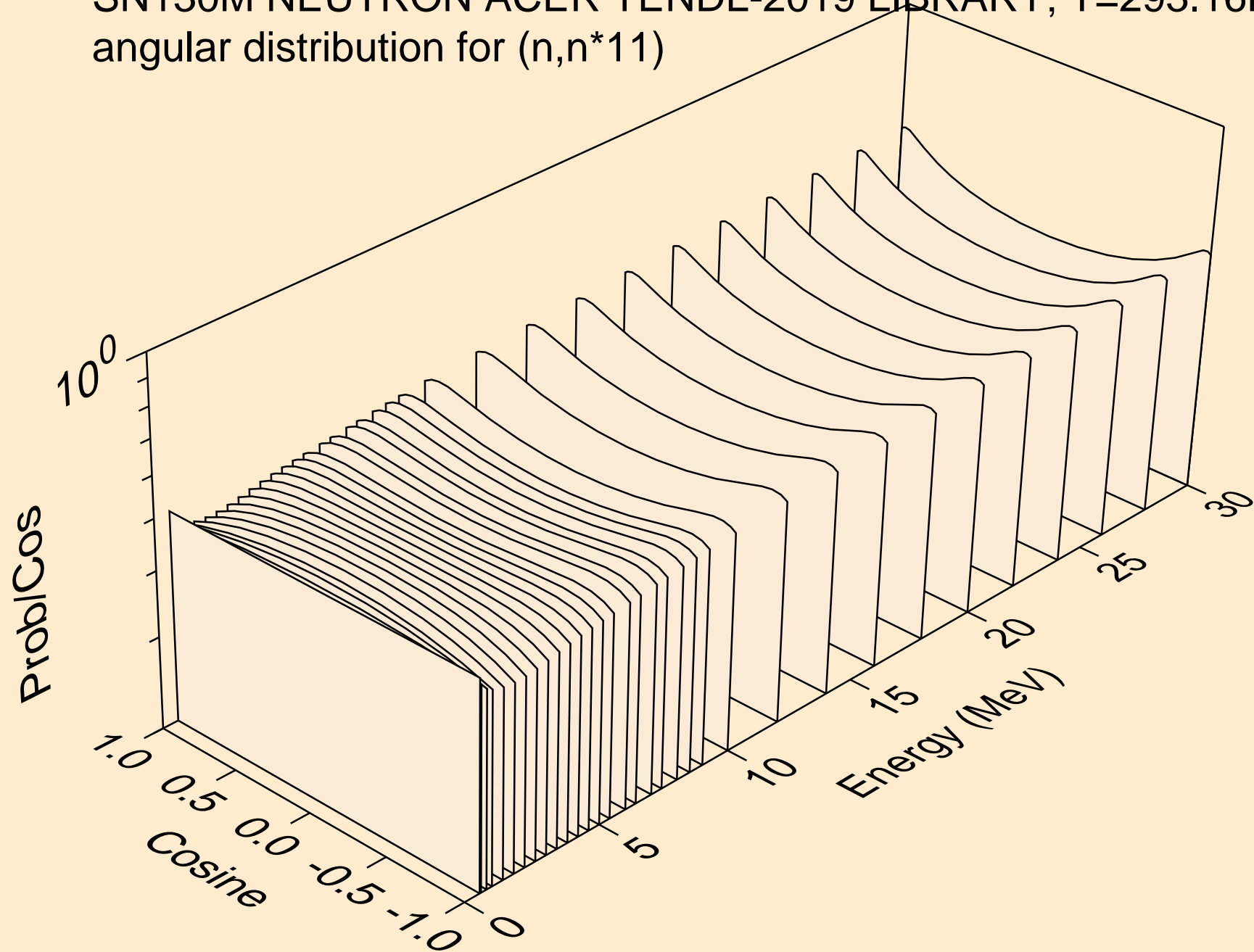
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*10)

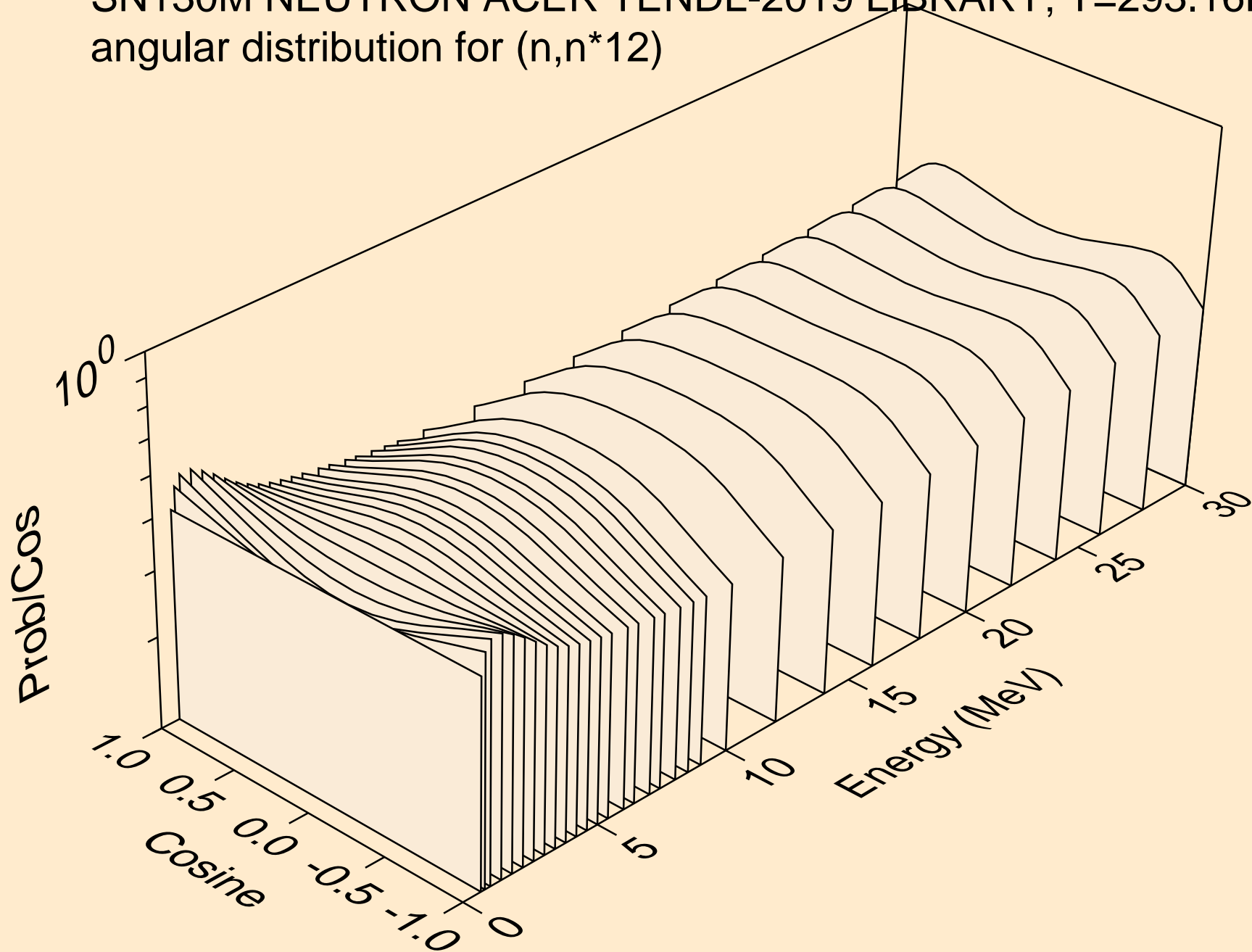


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*11)

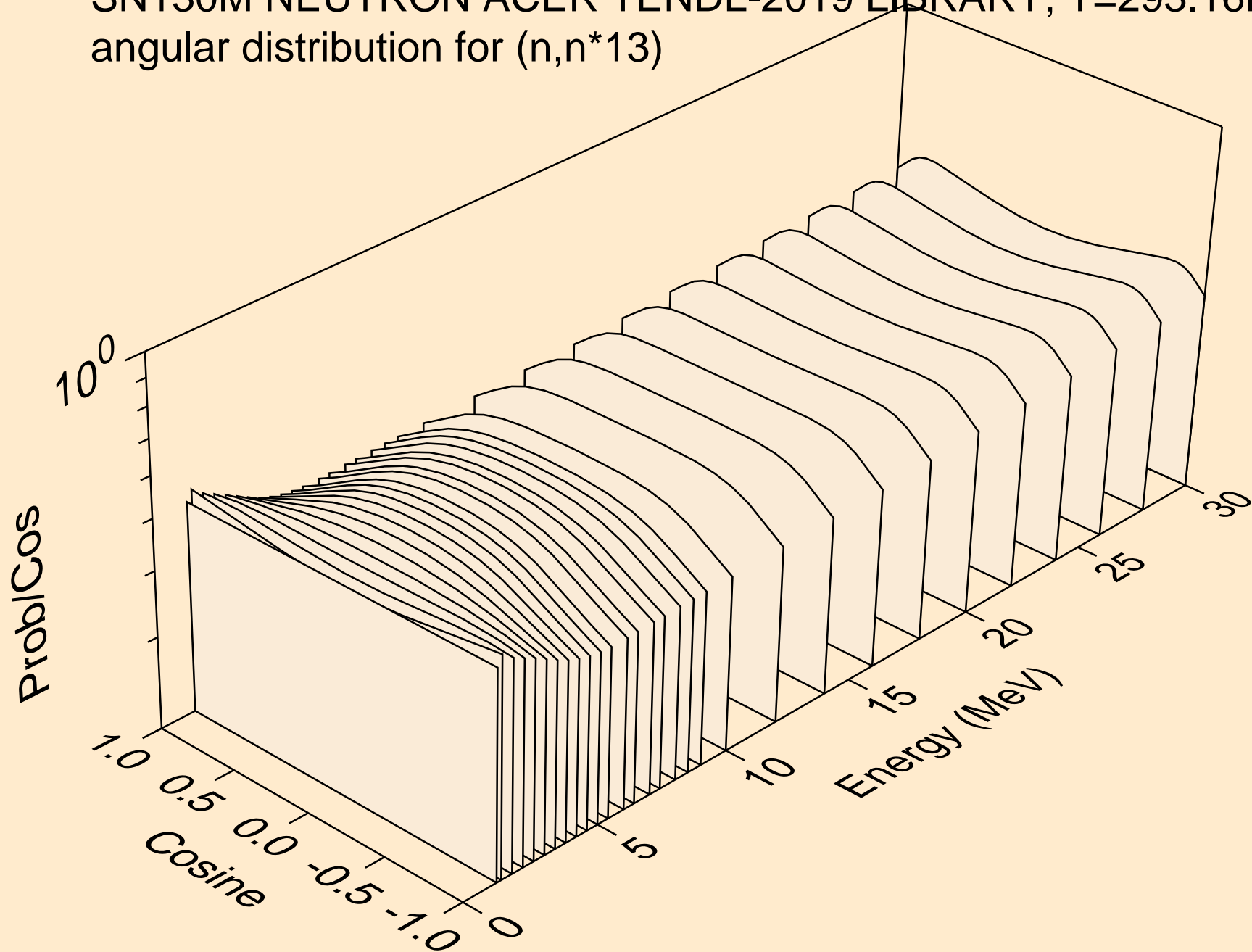




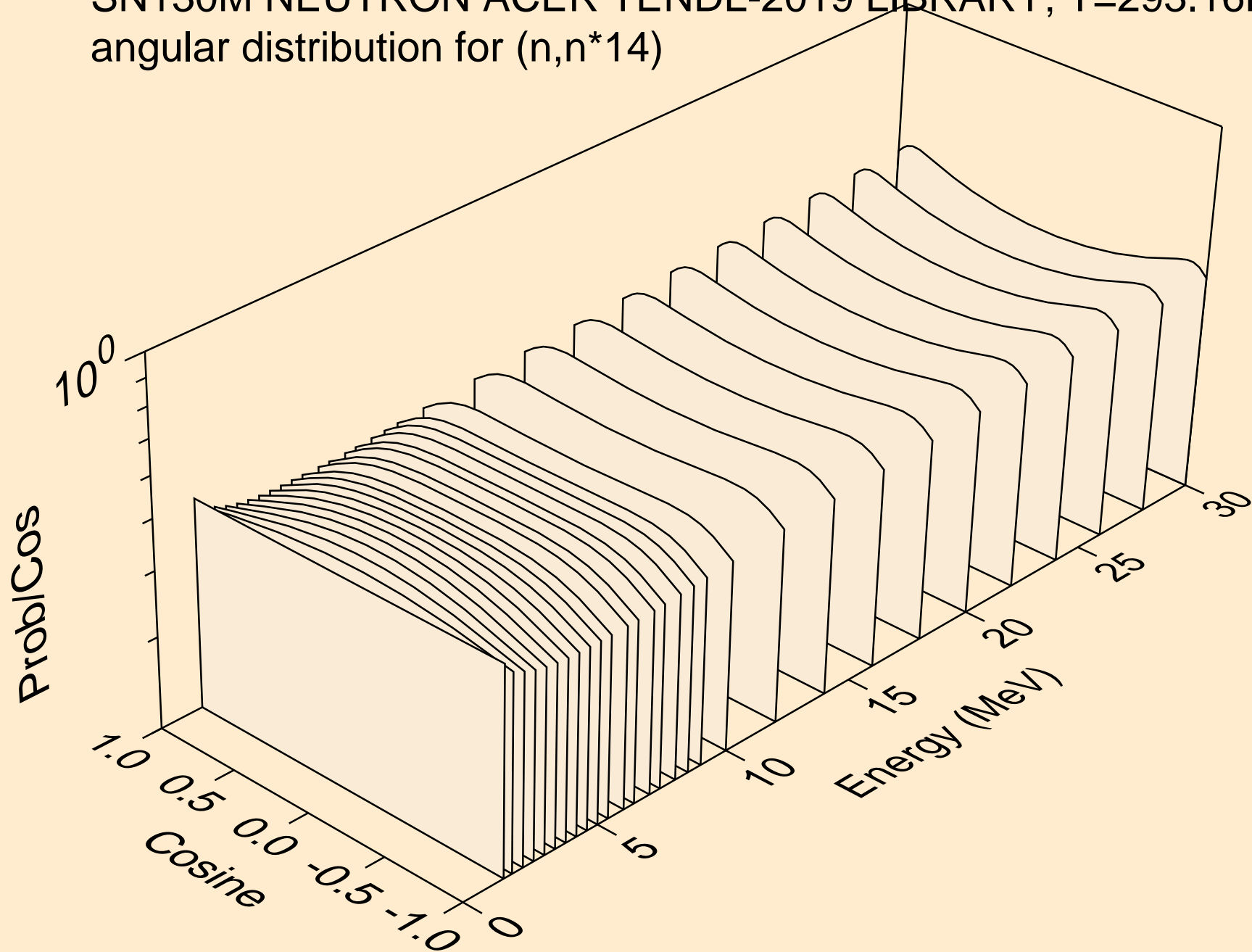
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*12)



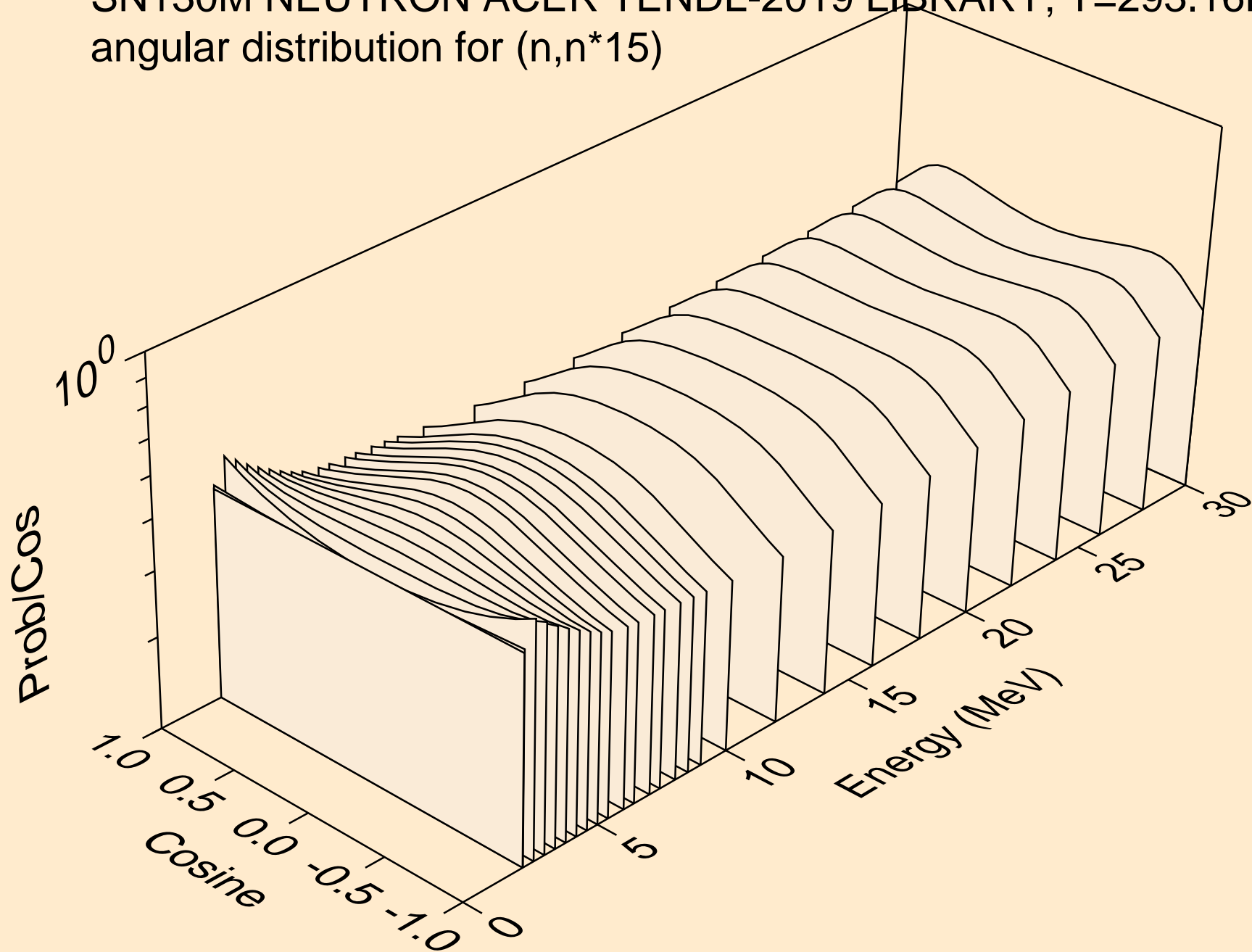
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*13)



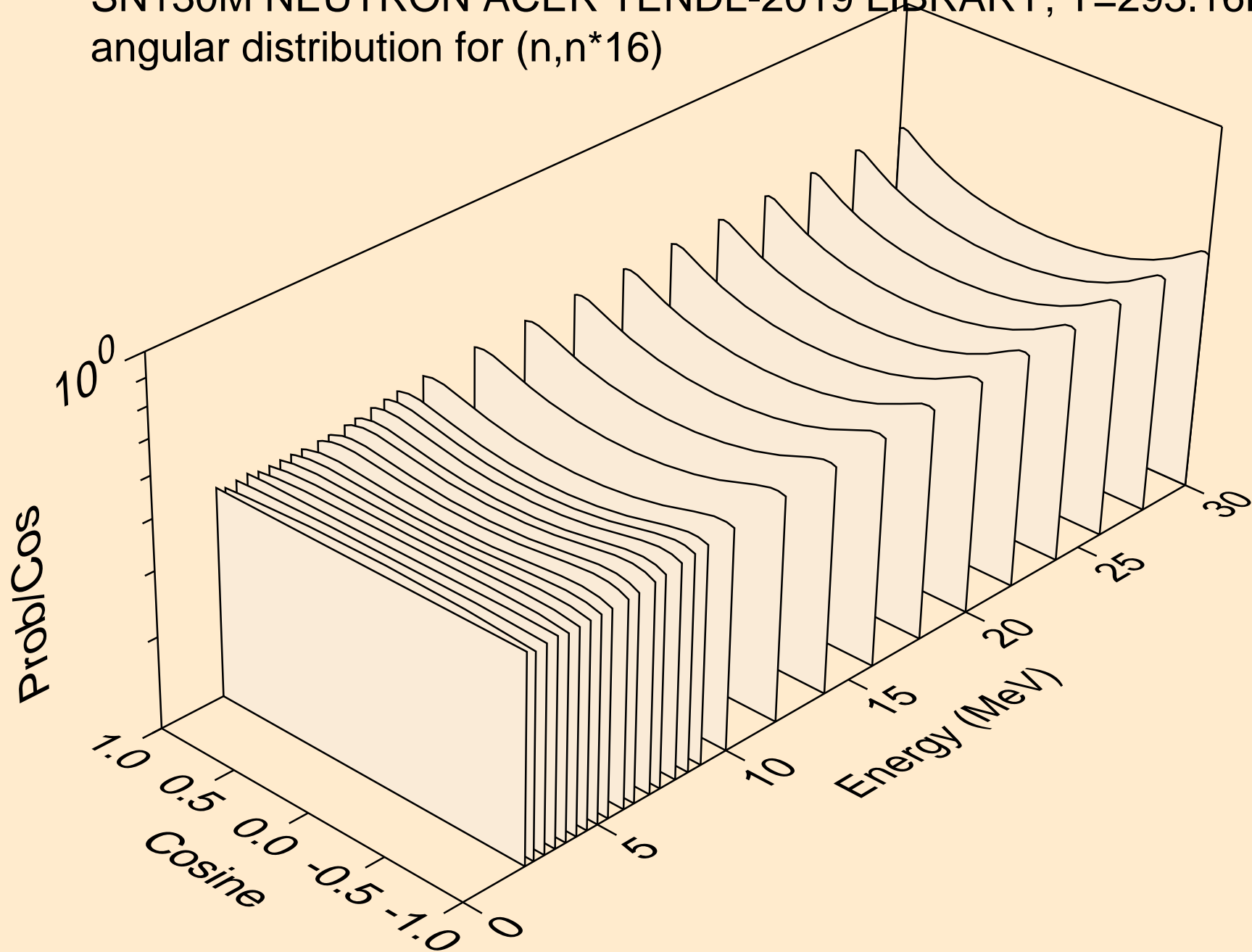
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angular distribution for (n,n\*14)



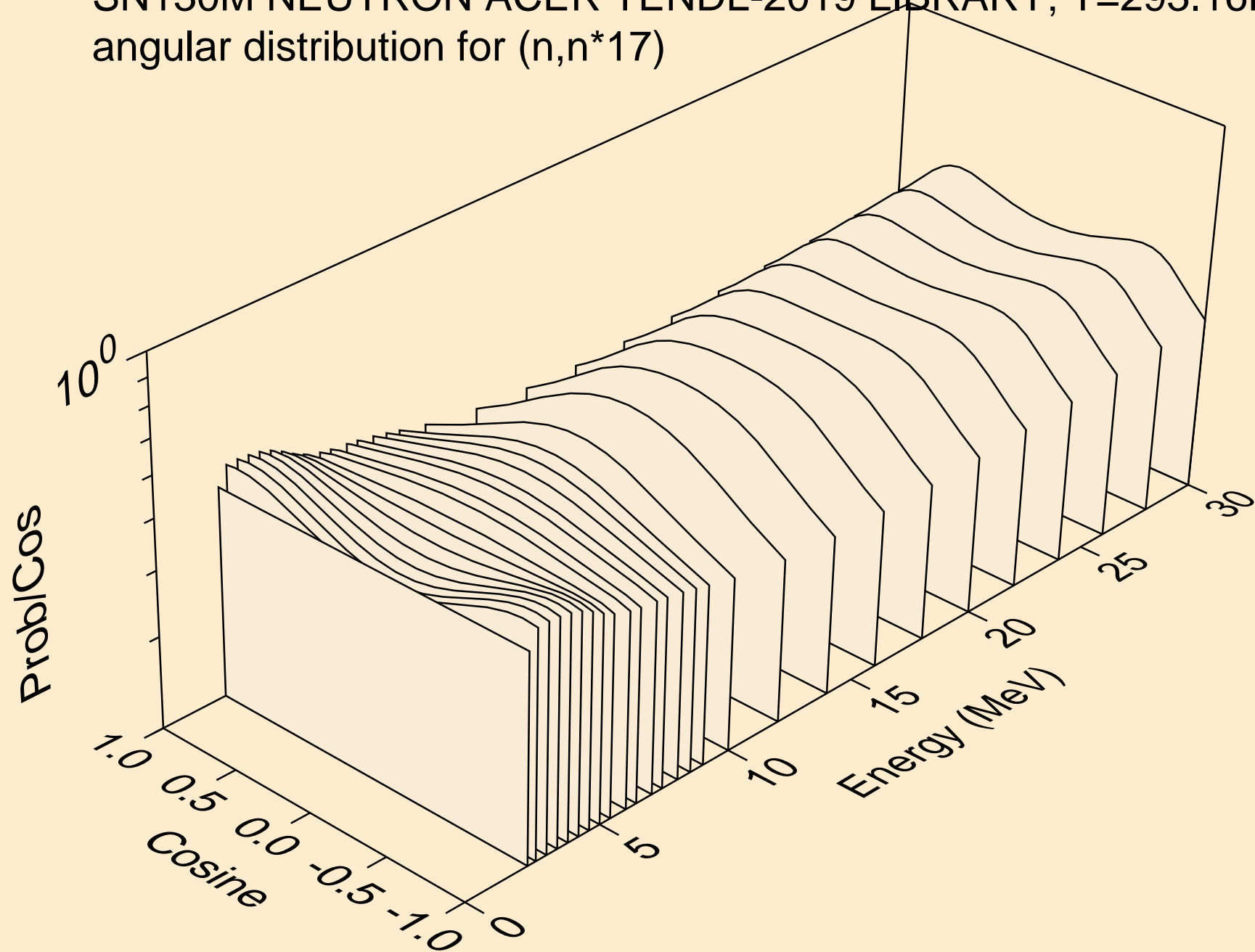
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angular distribution for (n,n\*15)



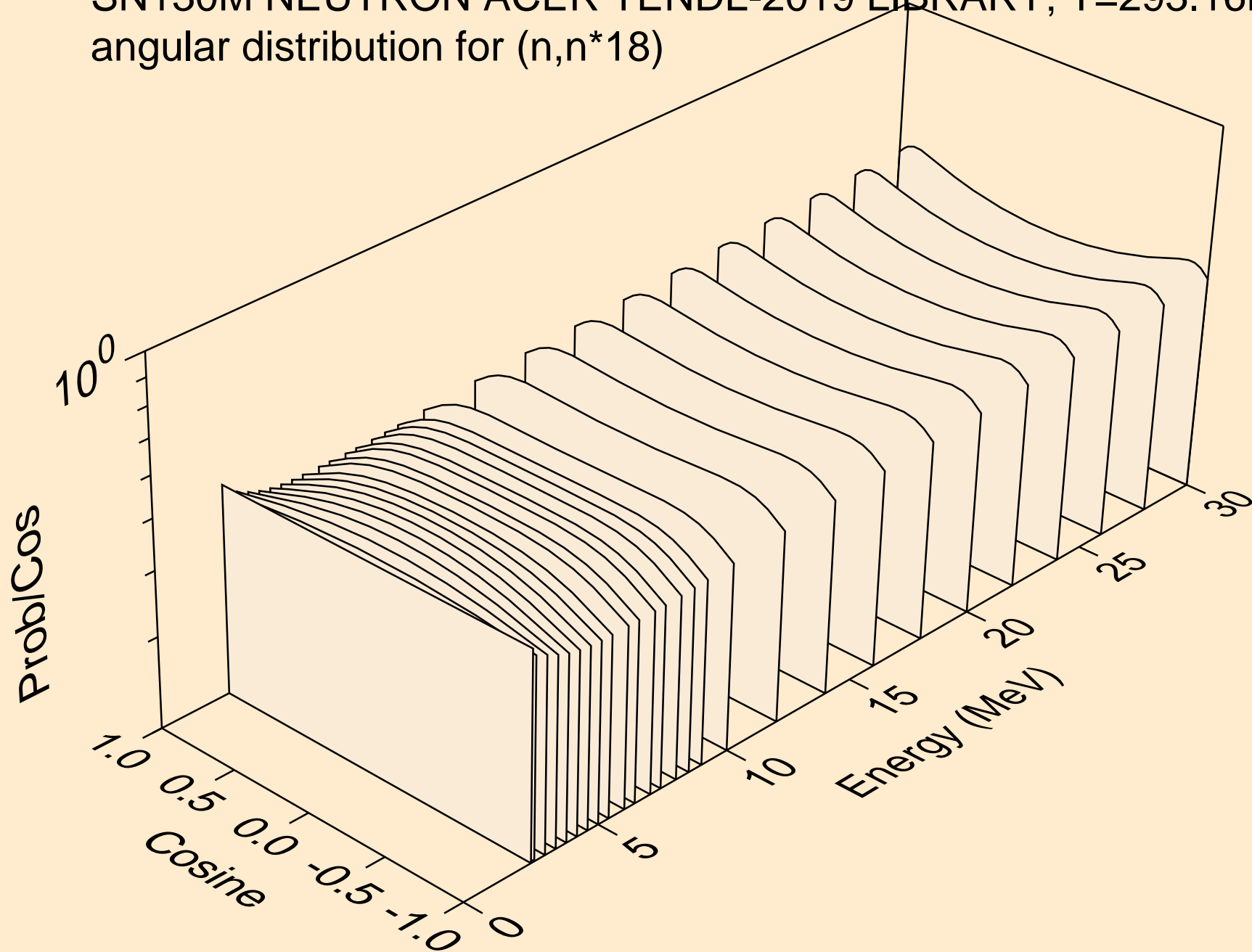
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angular distribution for (n,n\*16)



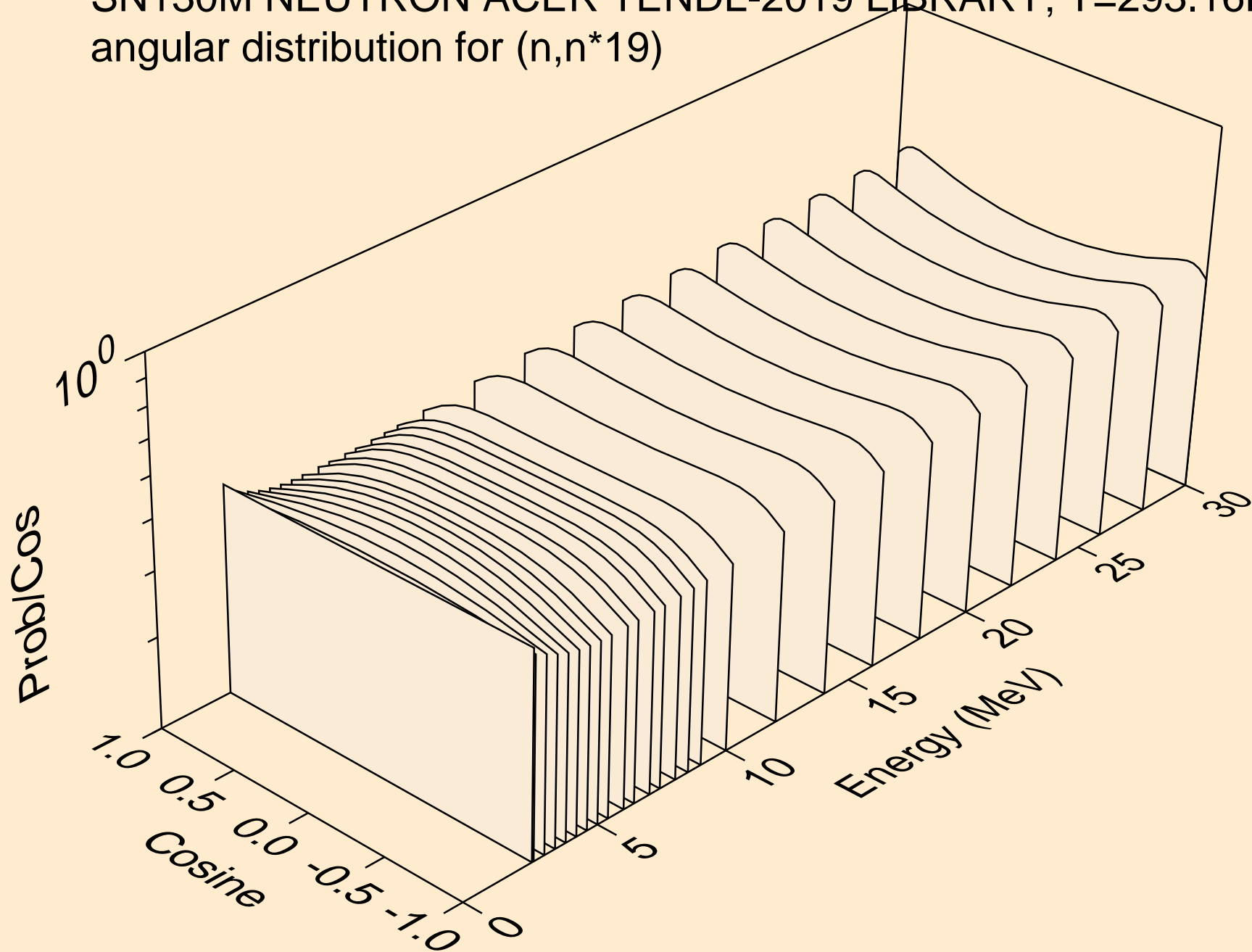
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*18)

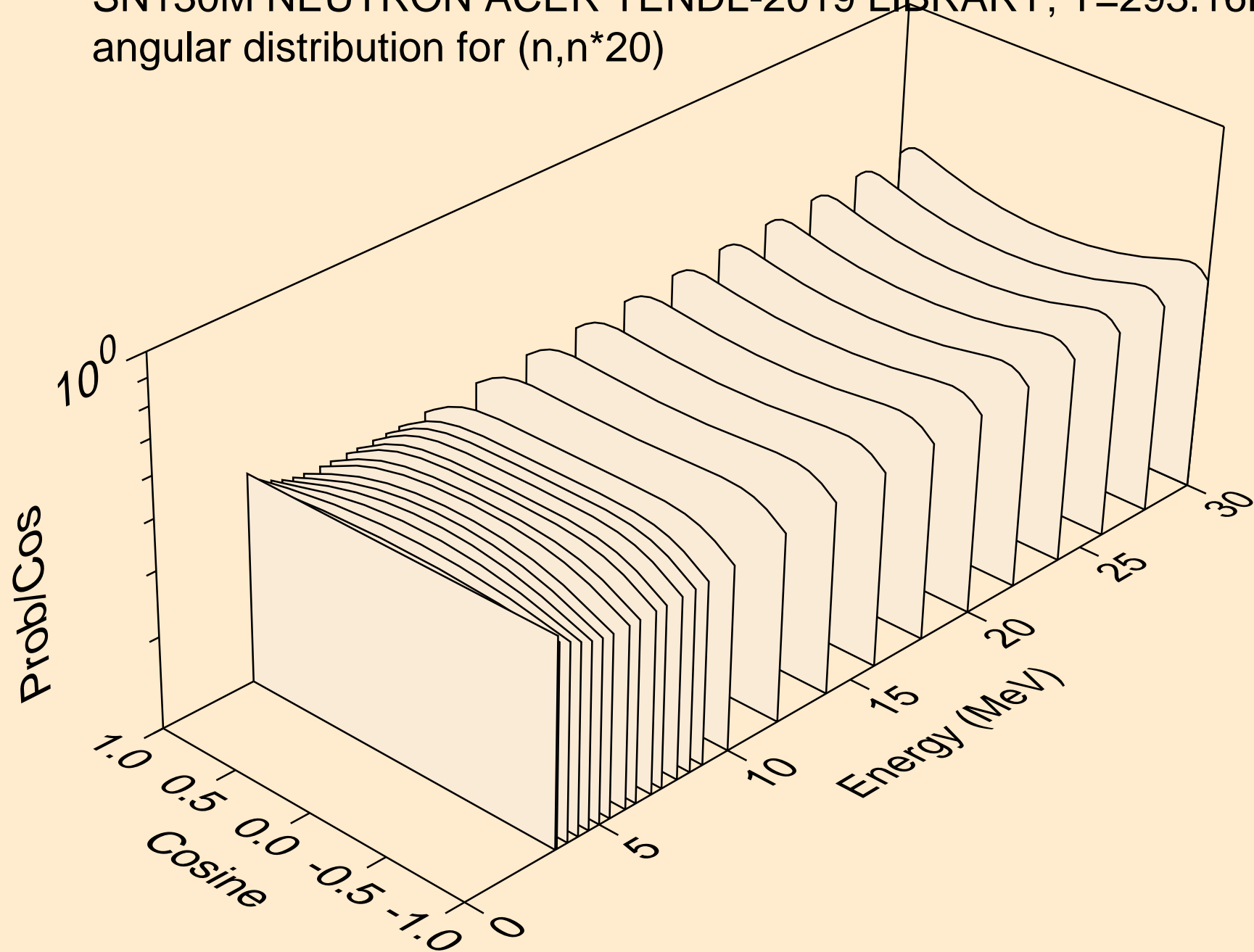


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*19)

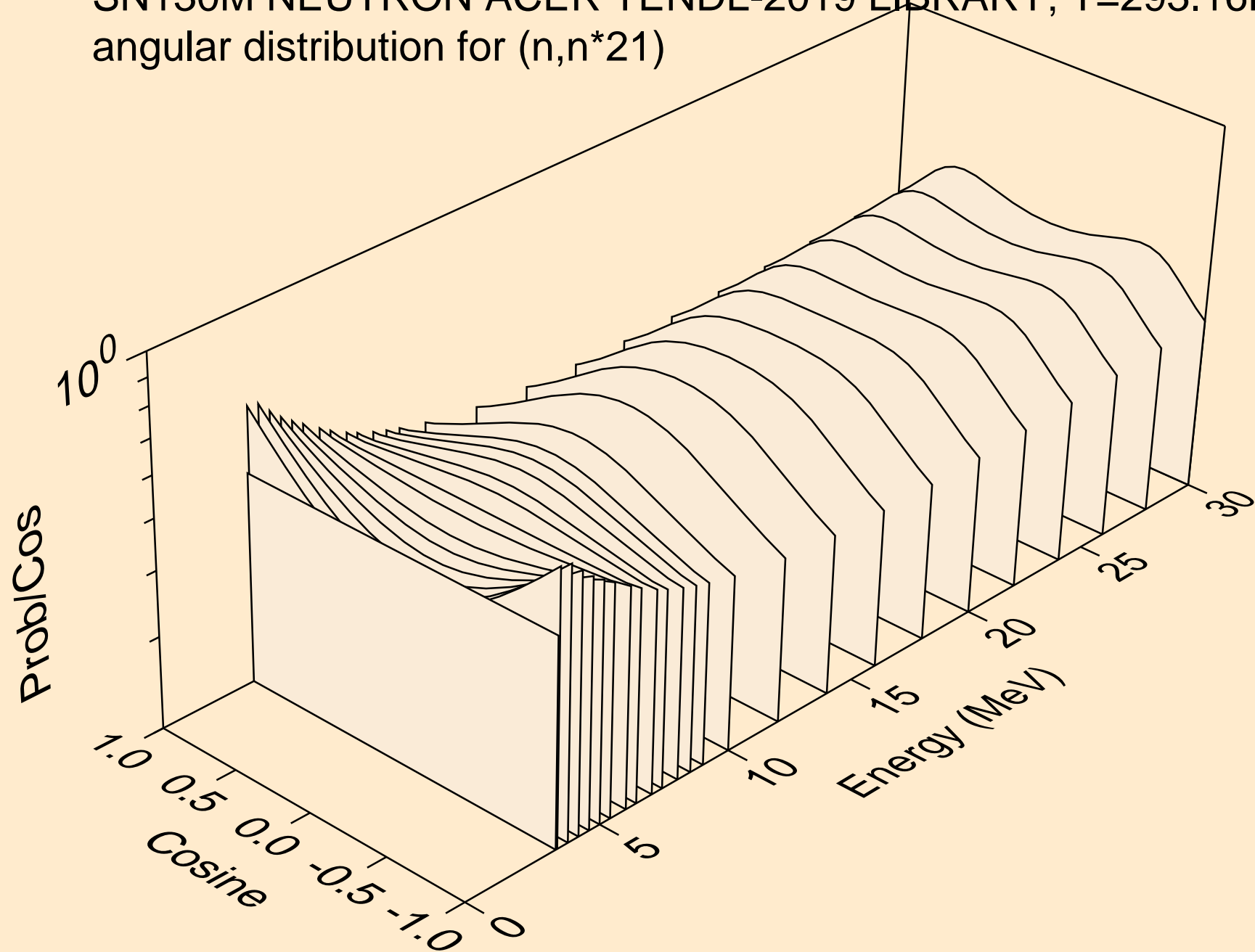




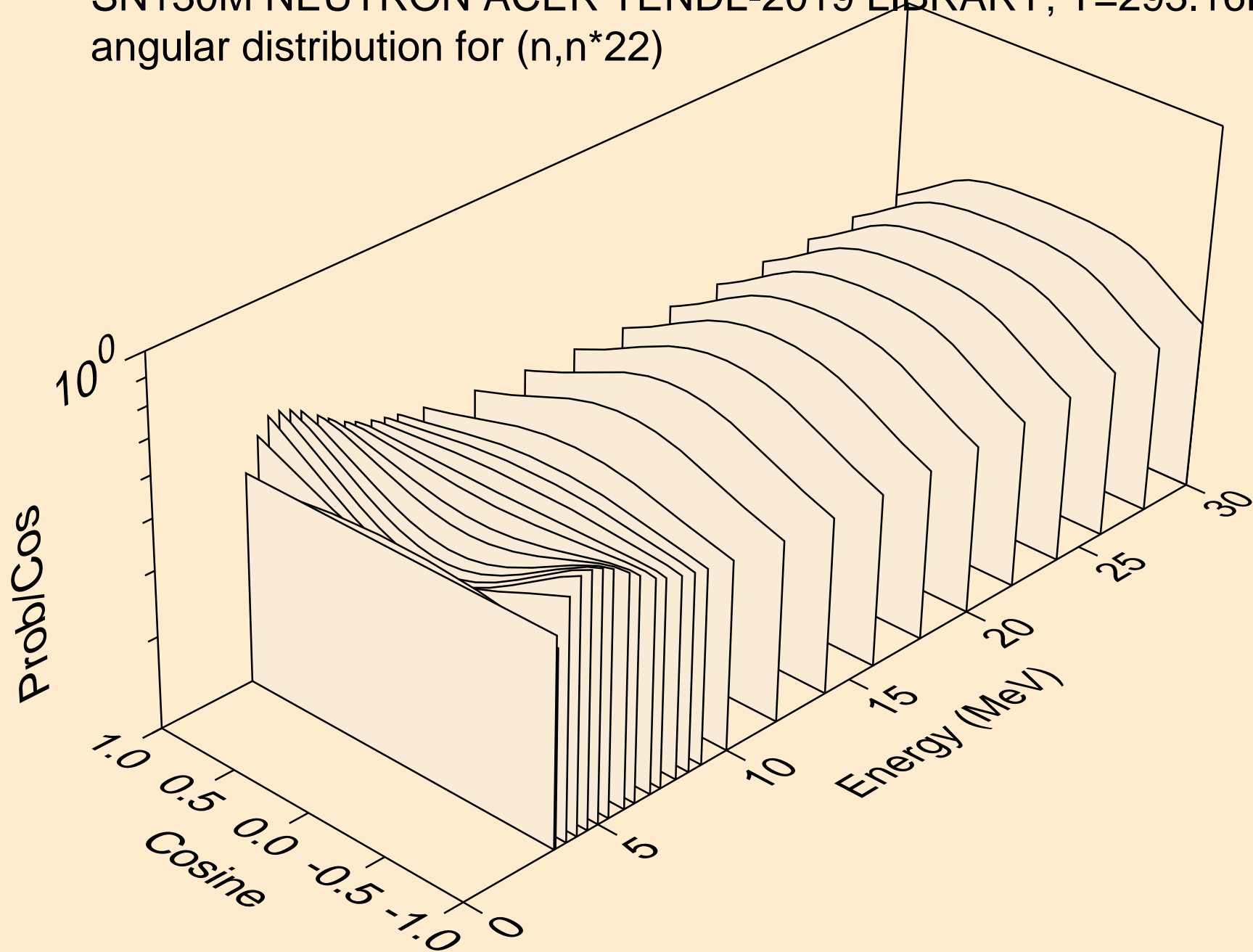
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*20)



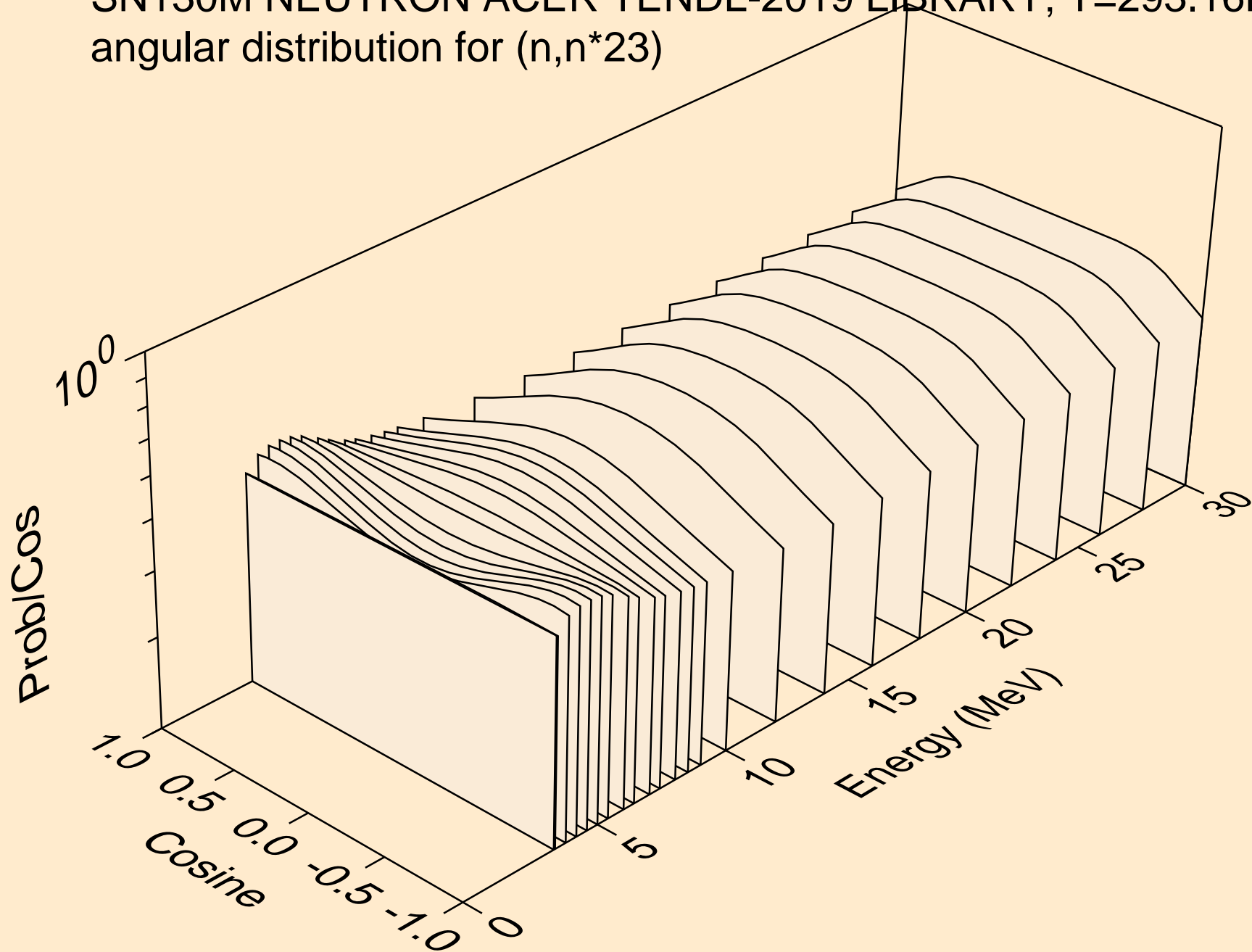
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*21)



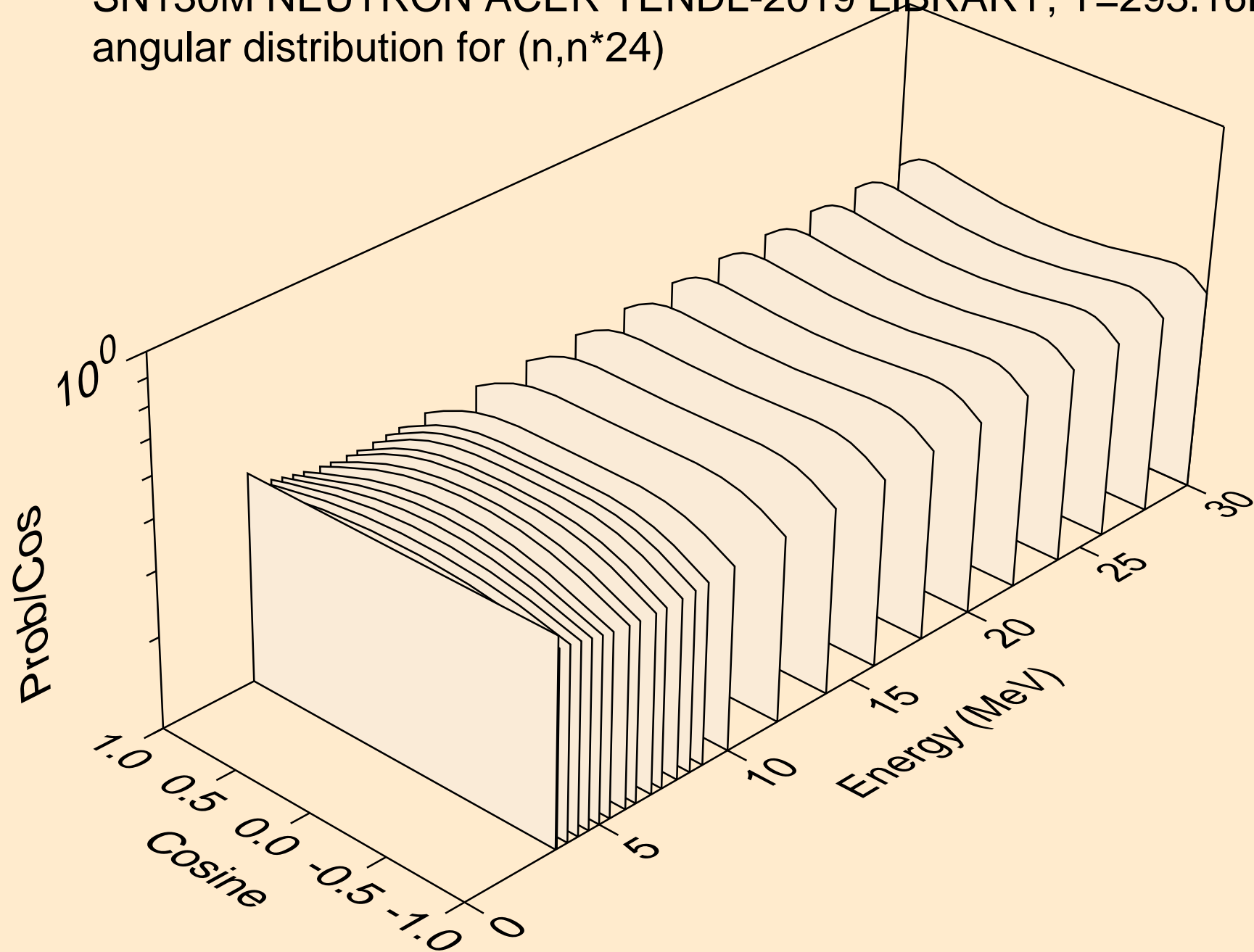
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*22)



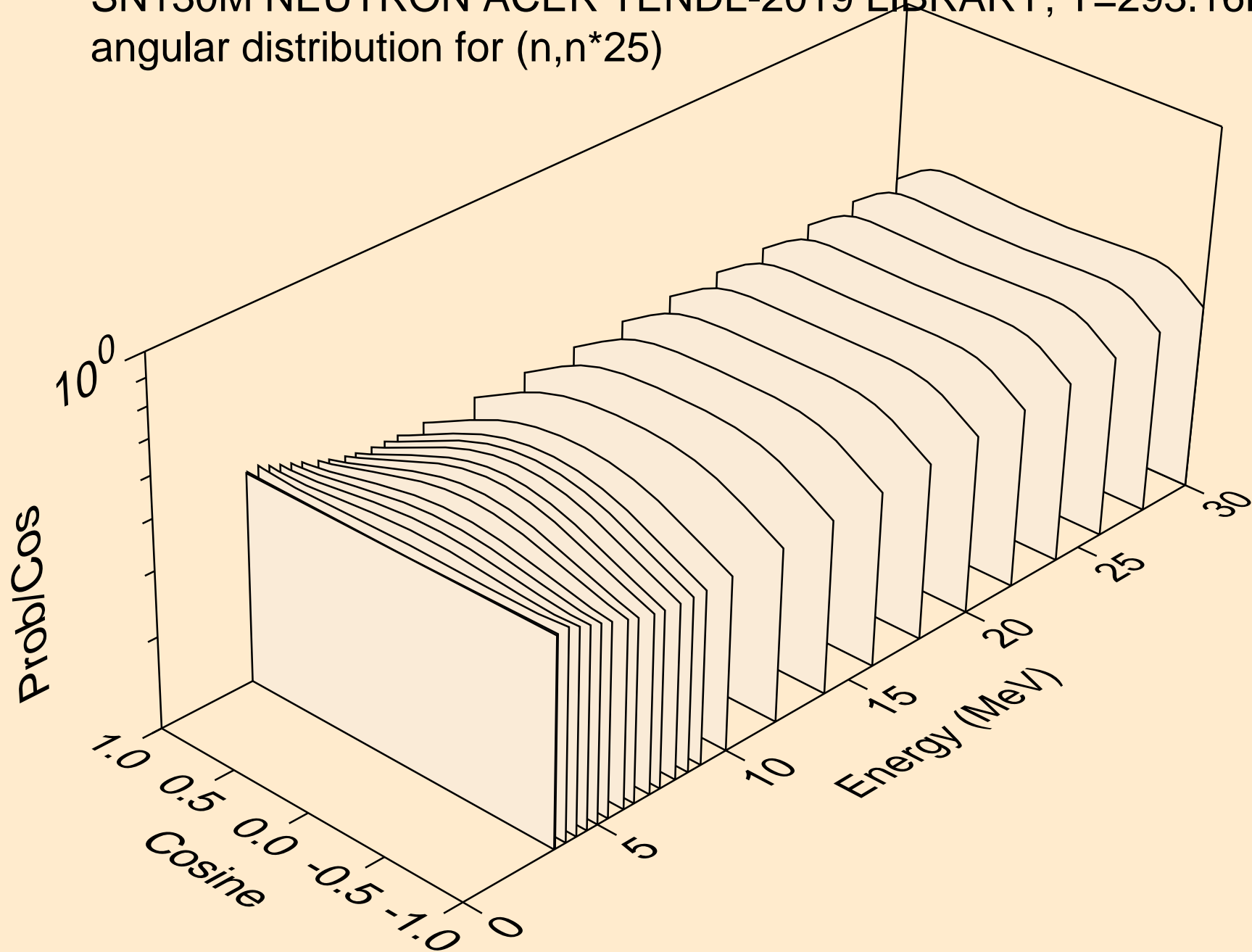
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*23)



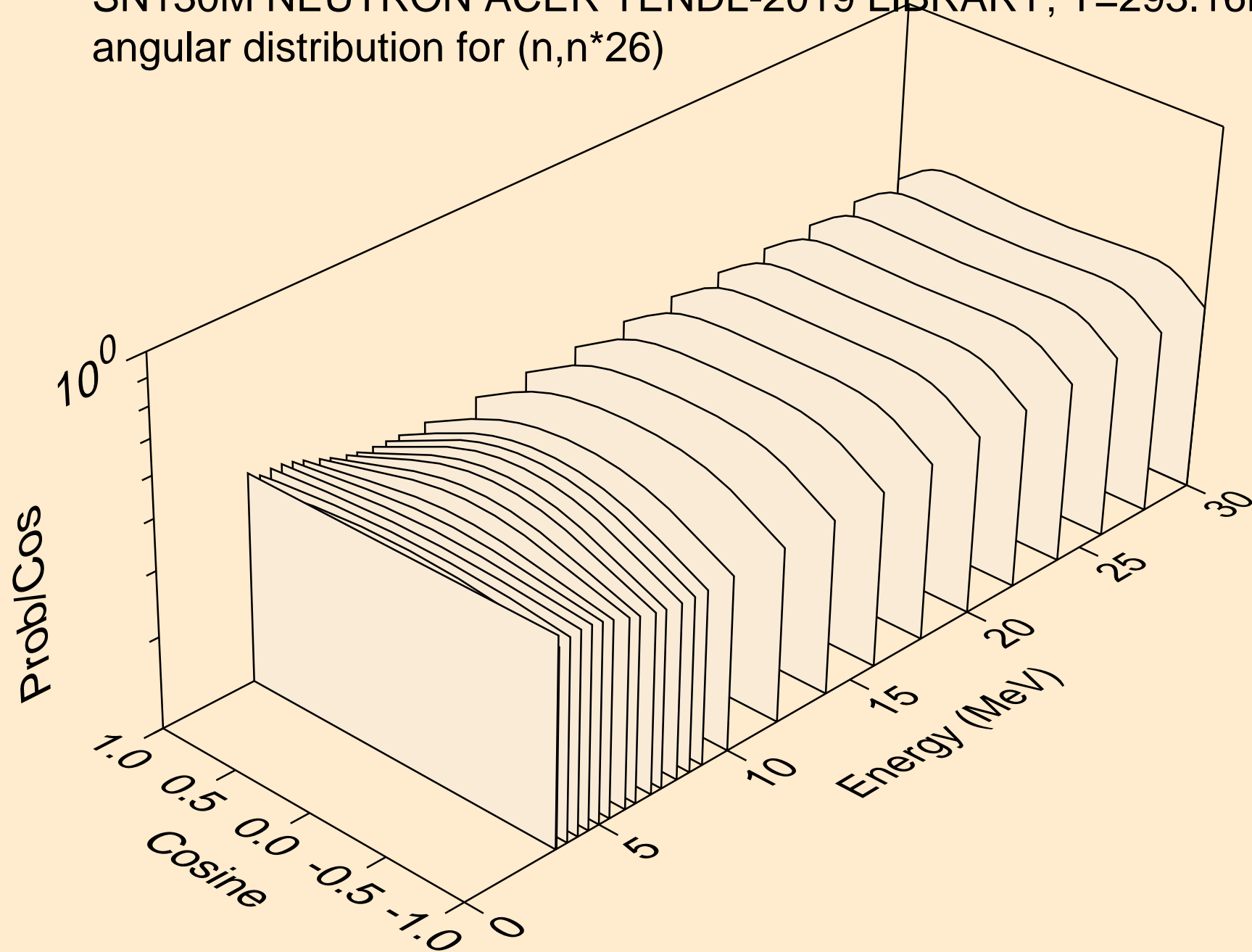
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angular distribution for (n,n\*24)



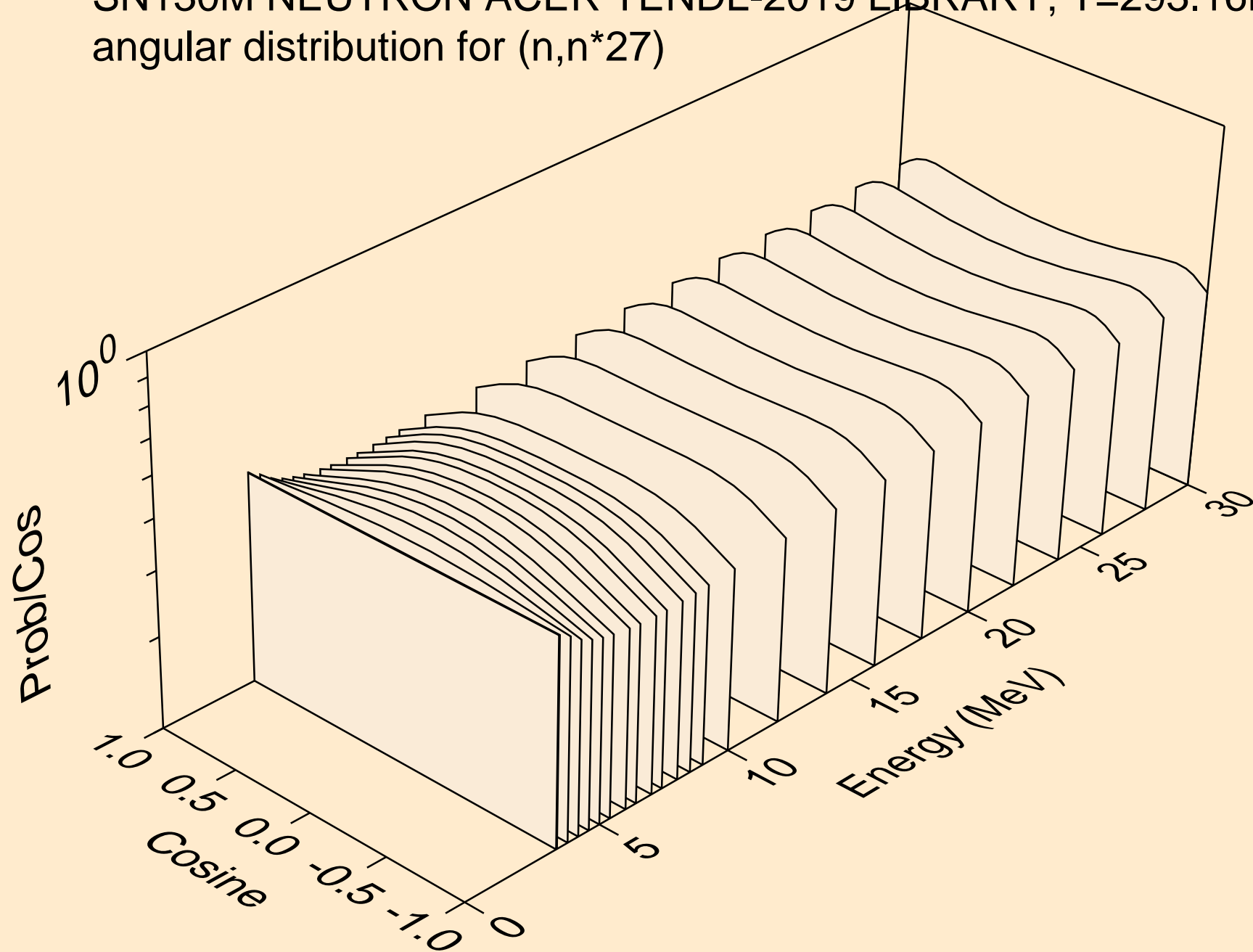
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*26)

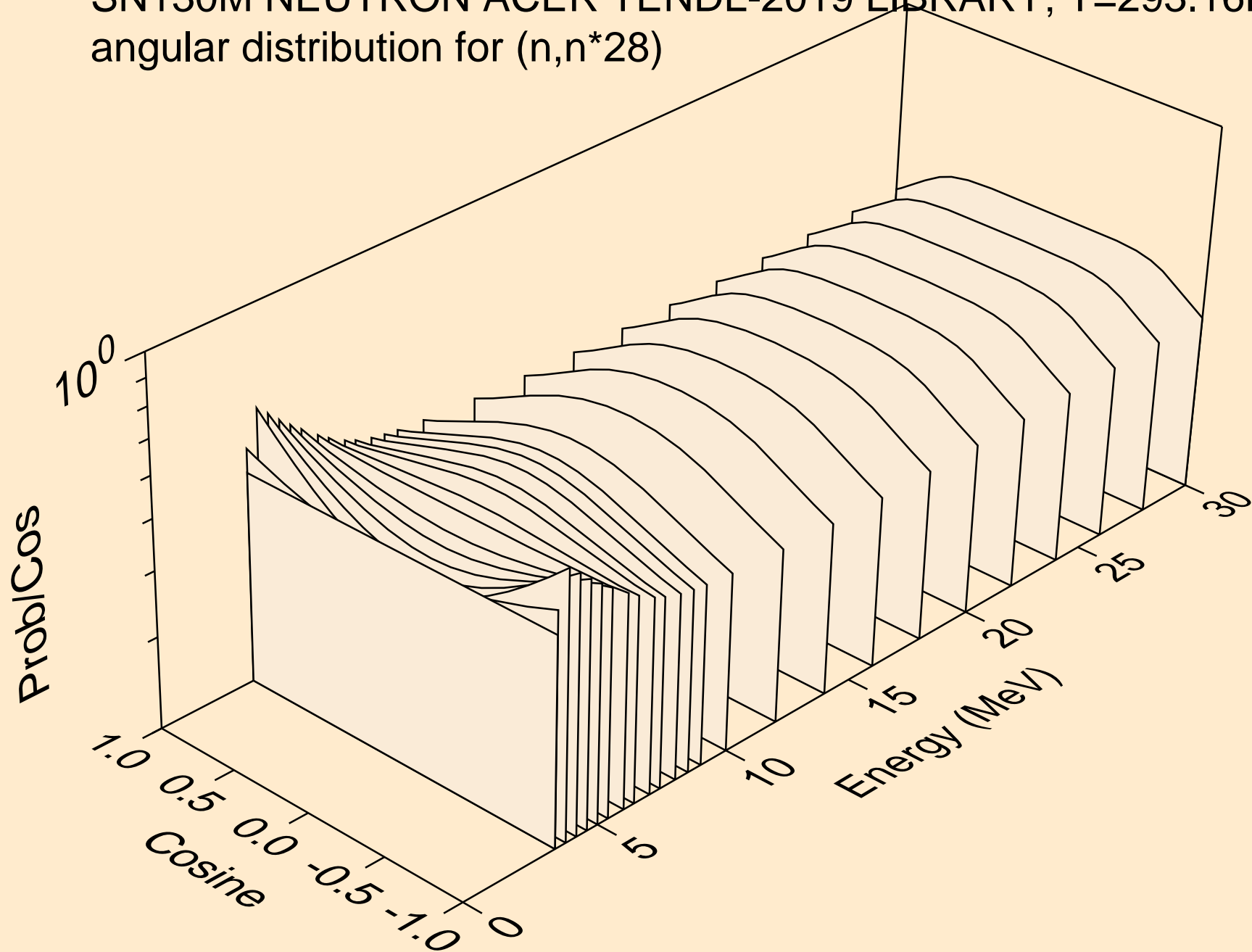


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*27)

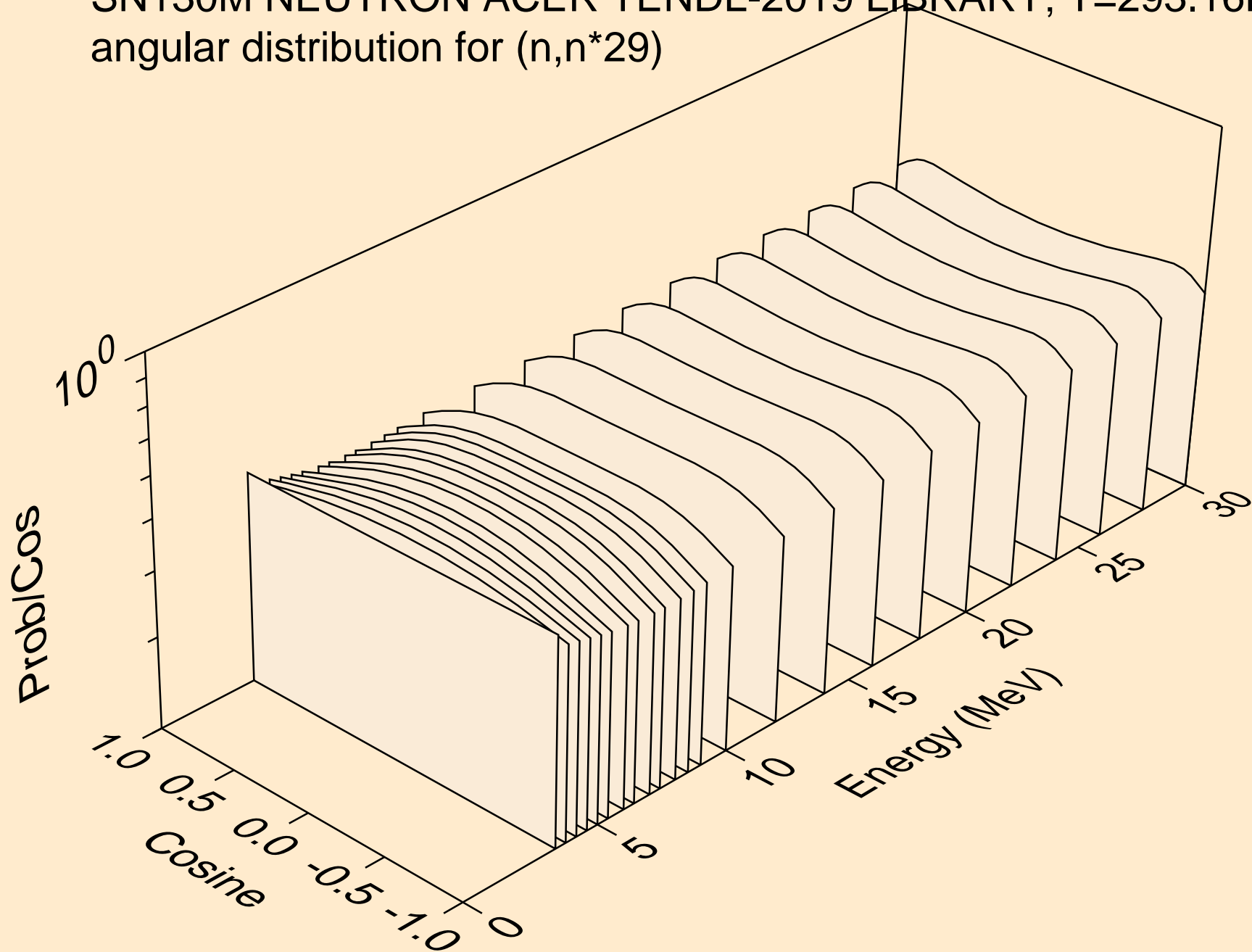




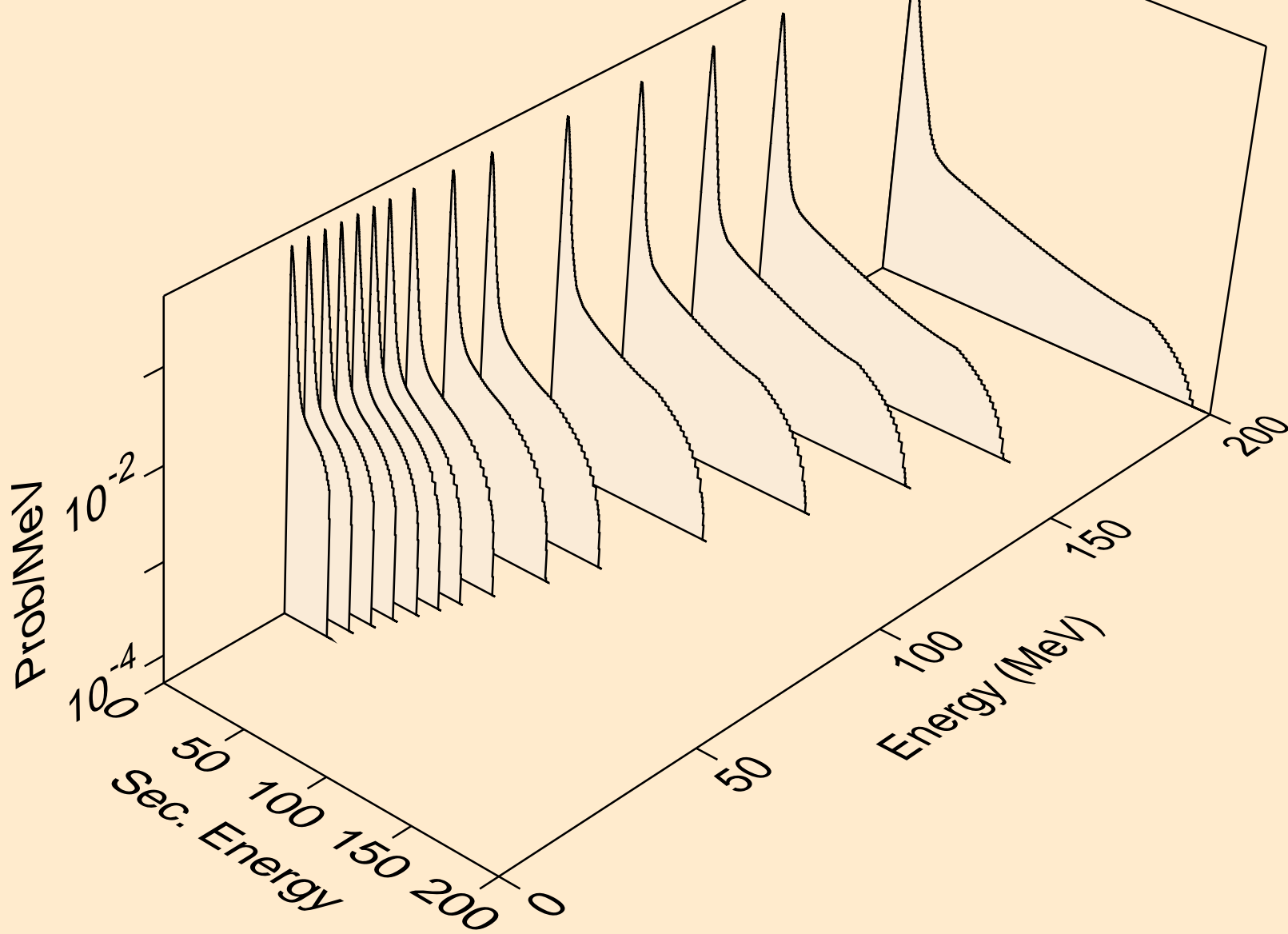
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*28)



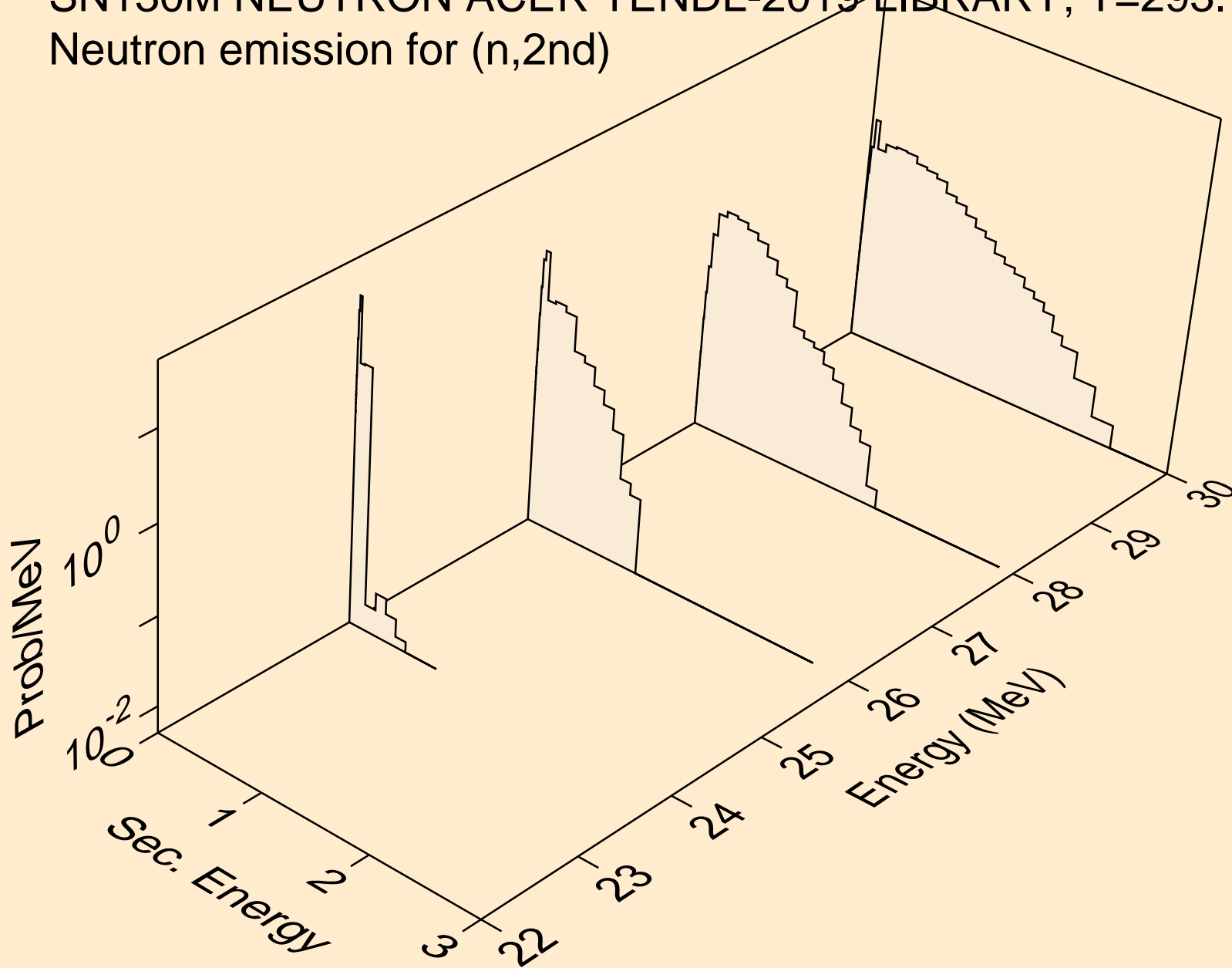
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*29)



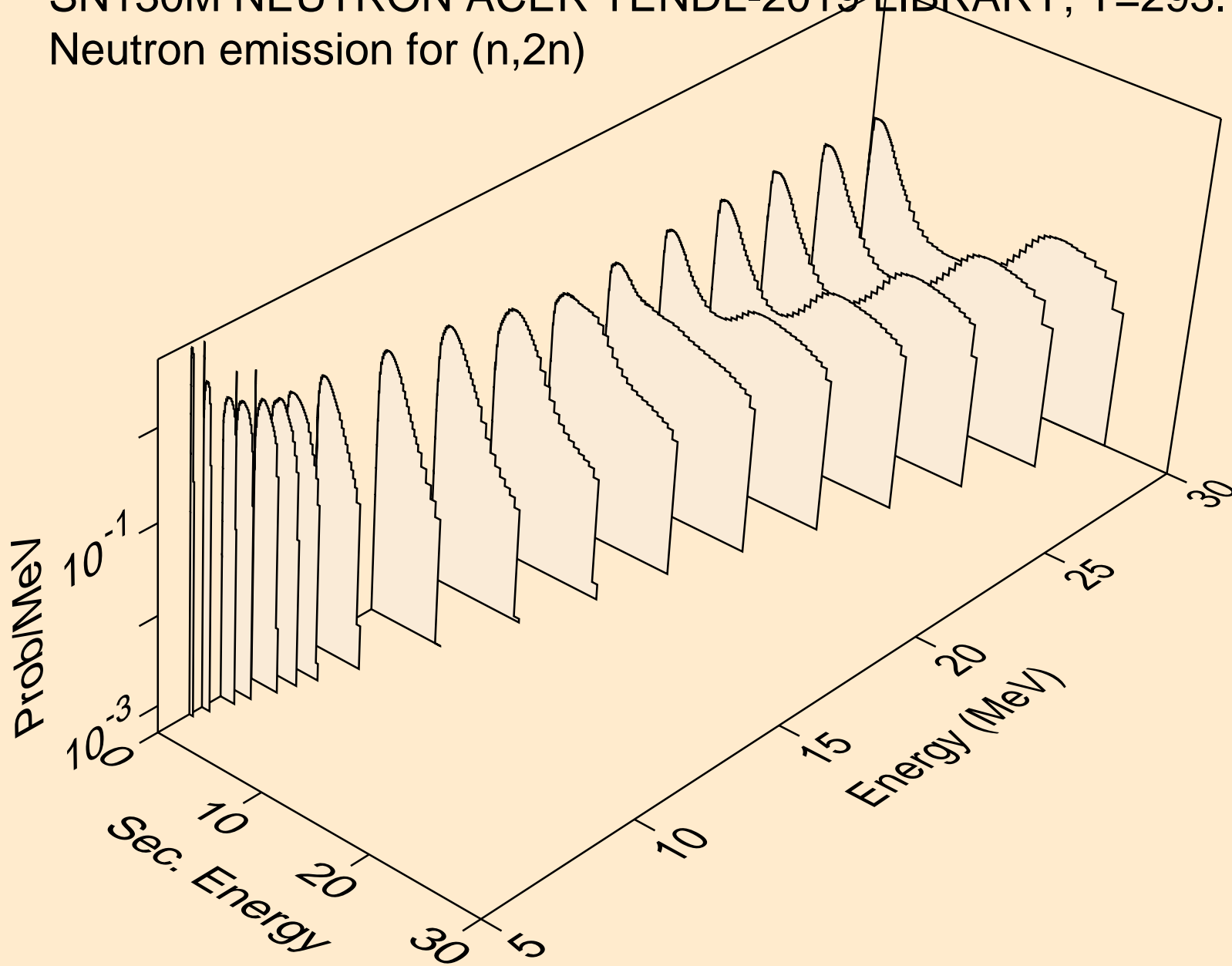
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,x)



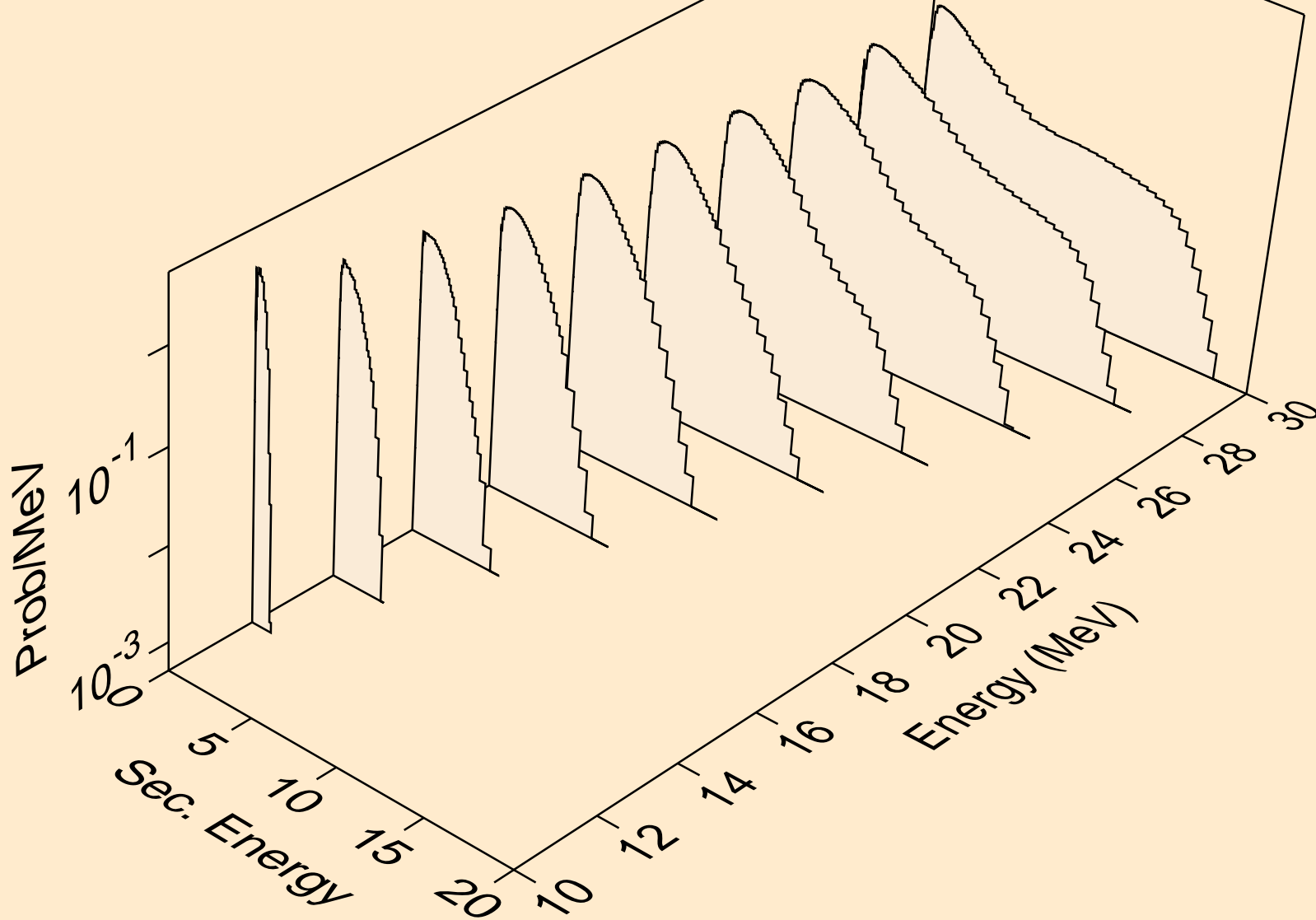
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



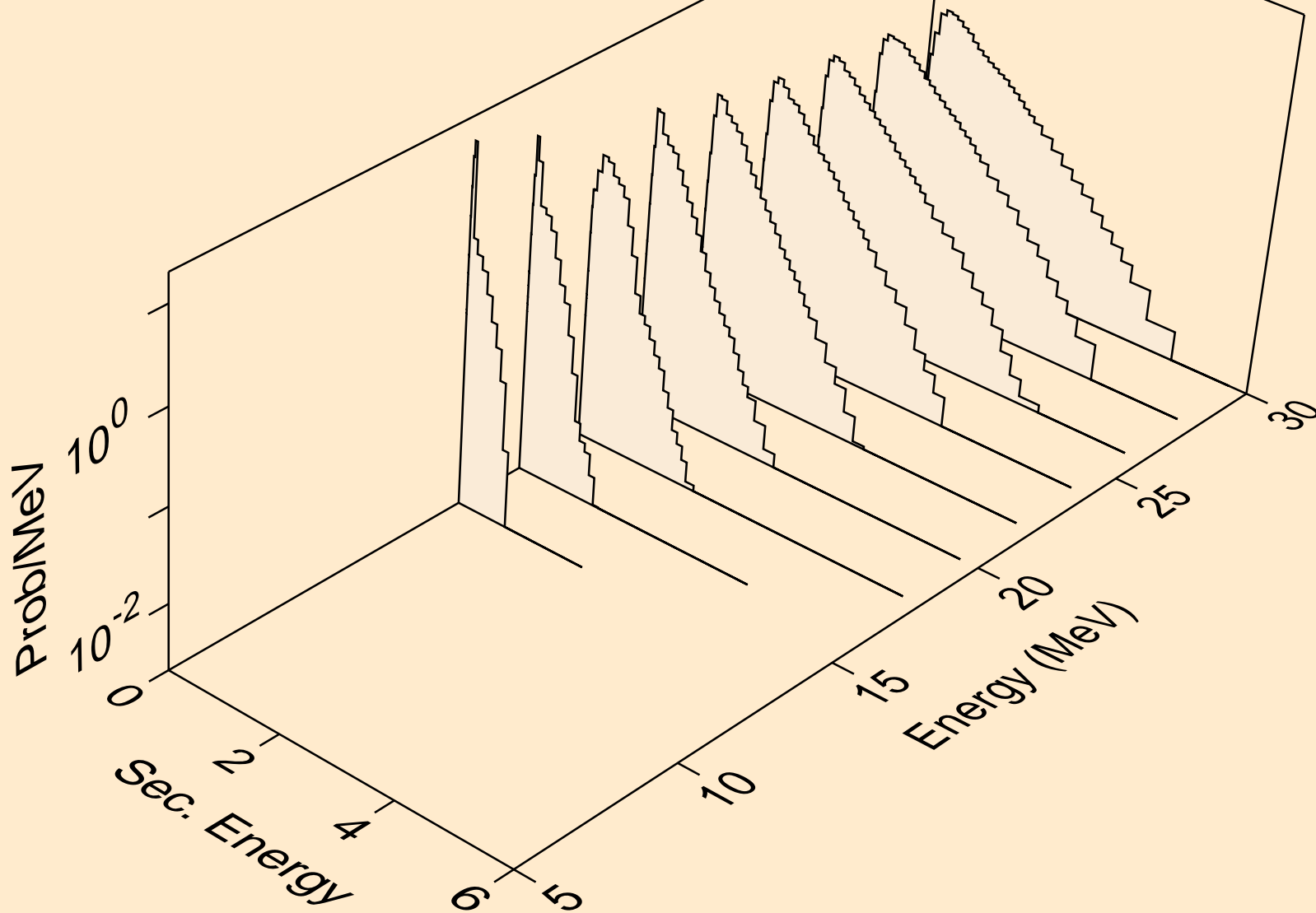
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



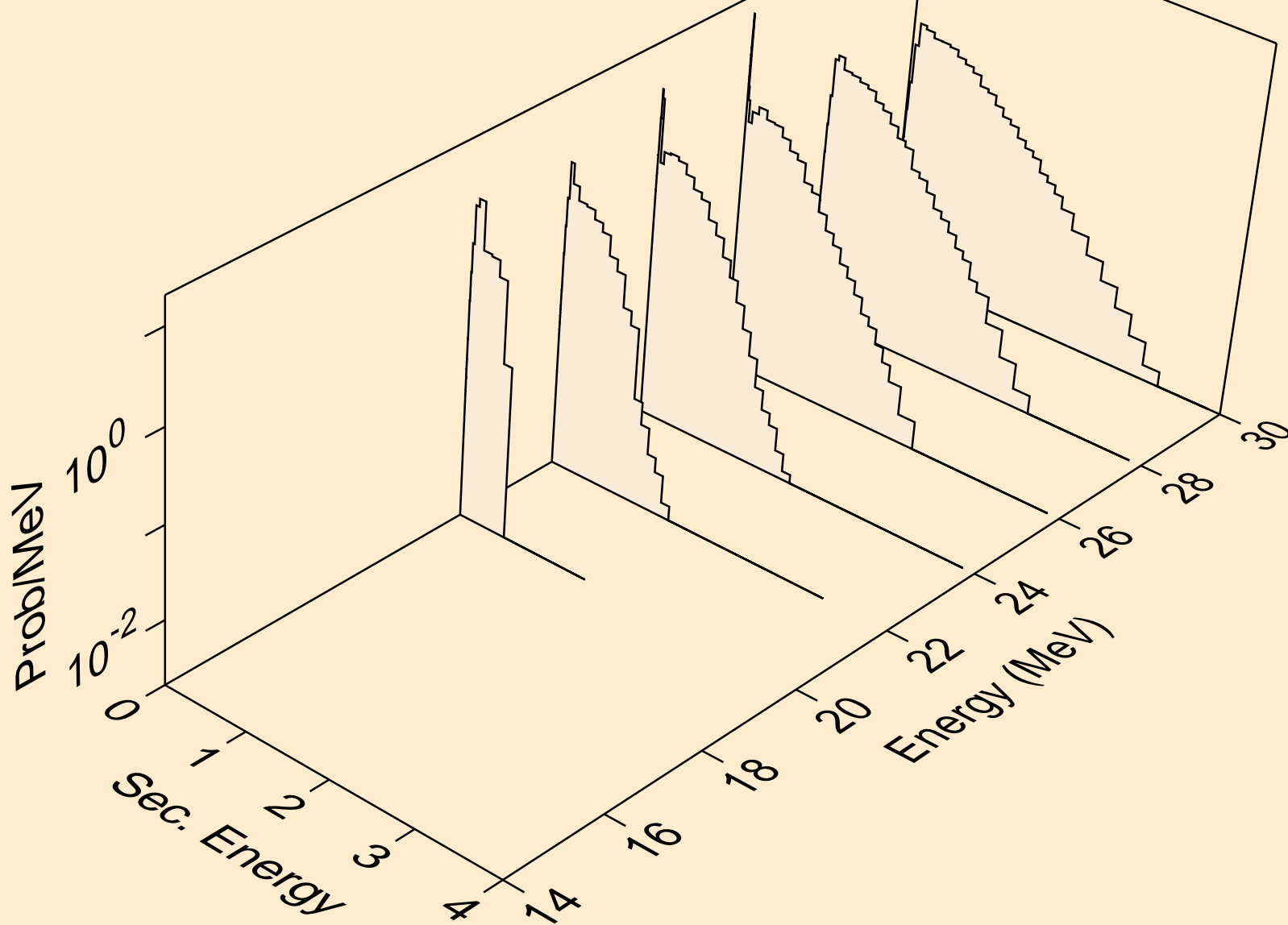
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)a

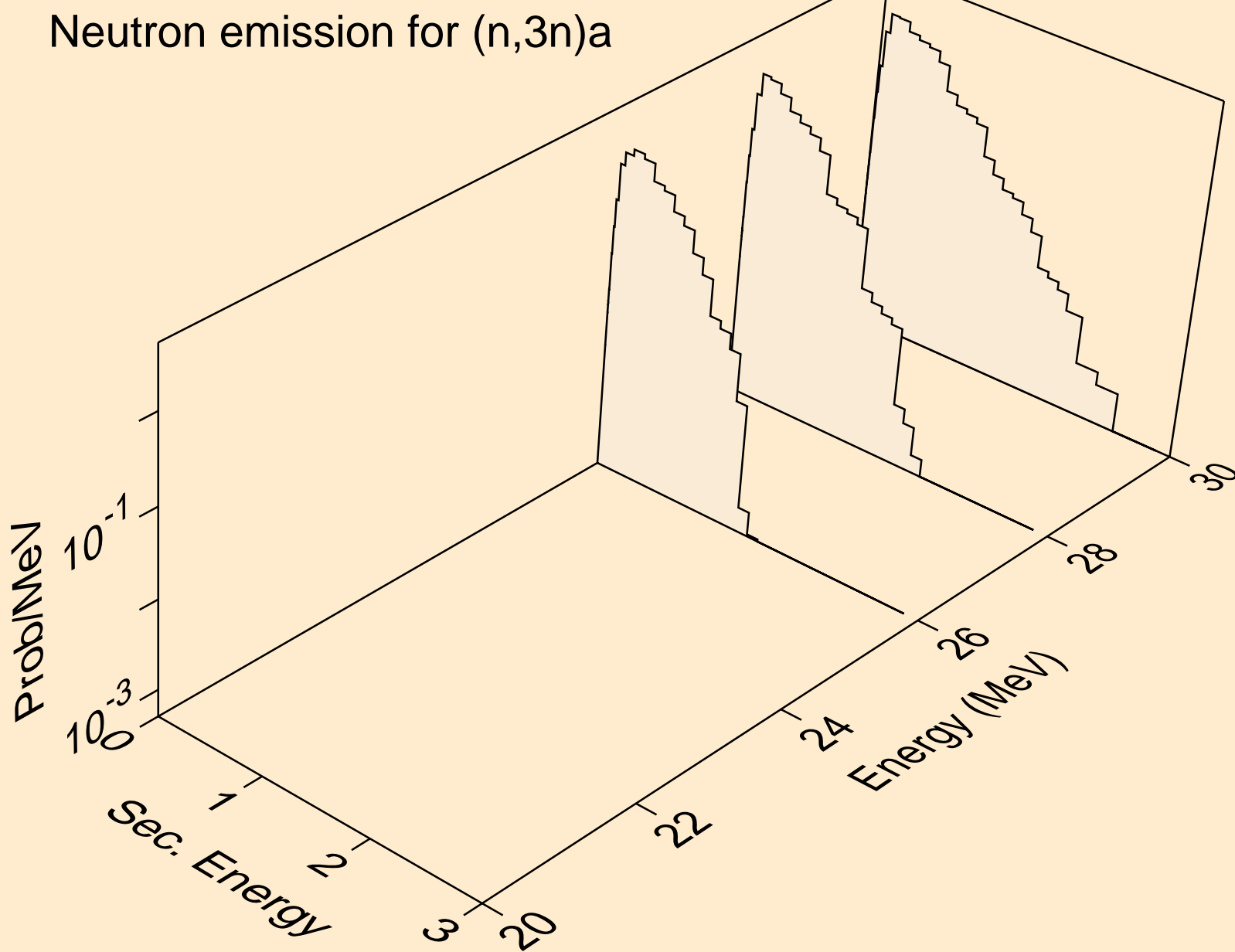


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)a

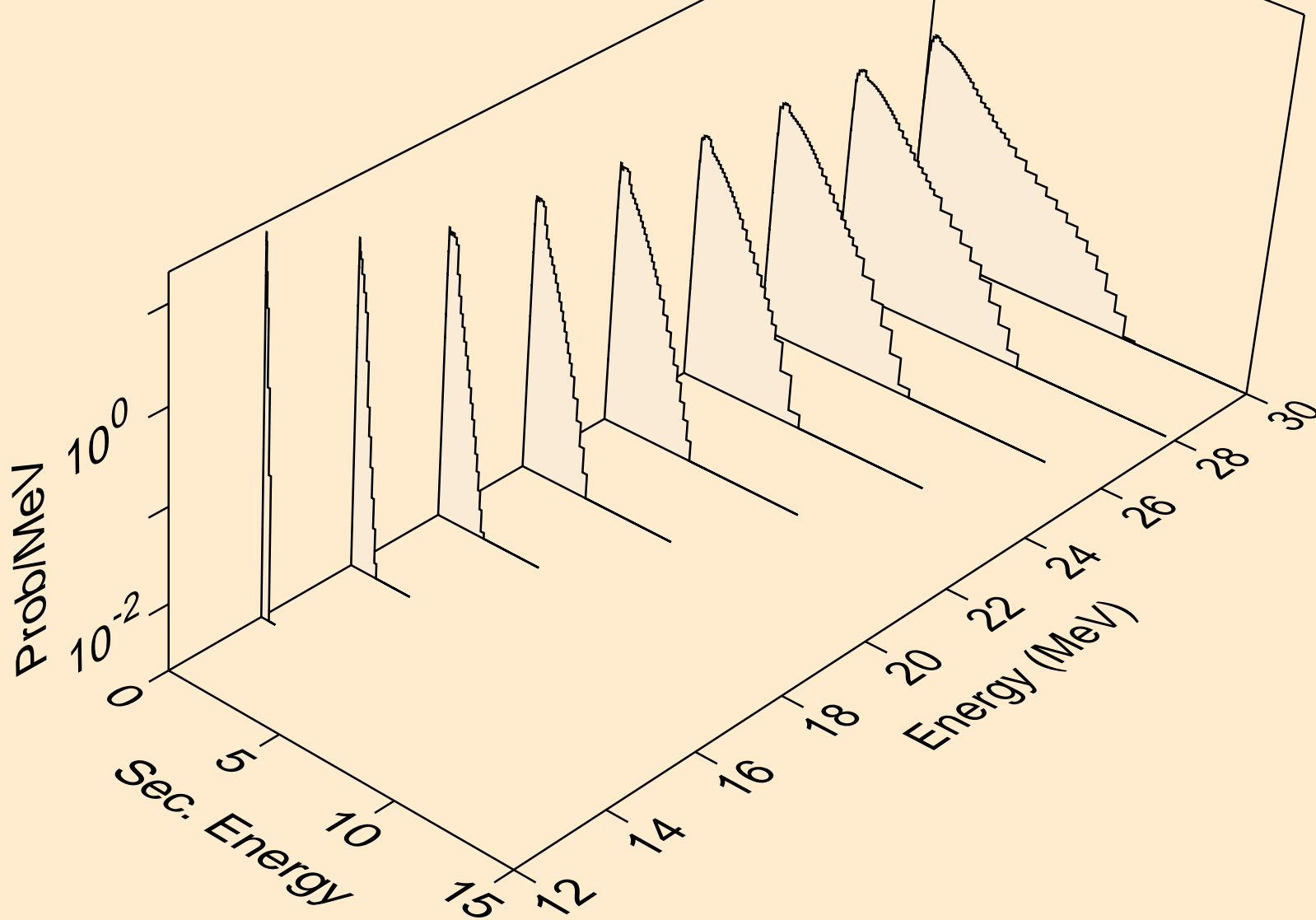




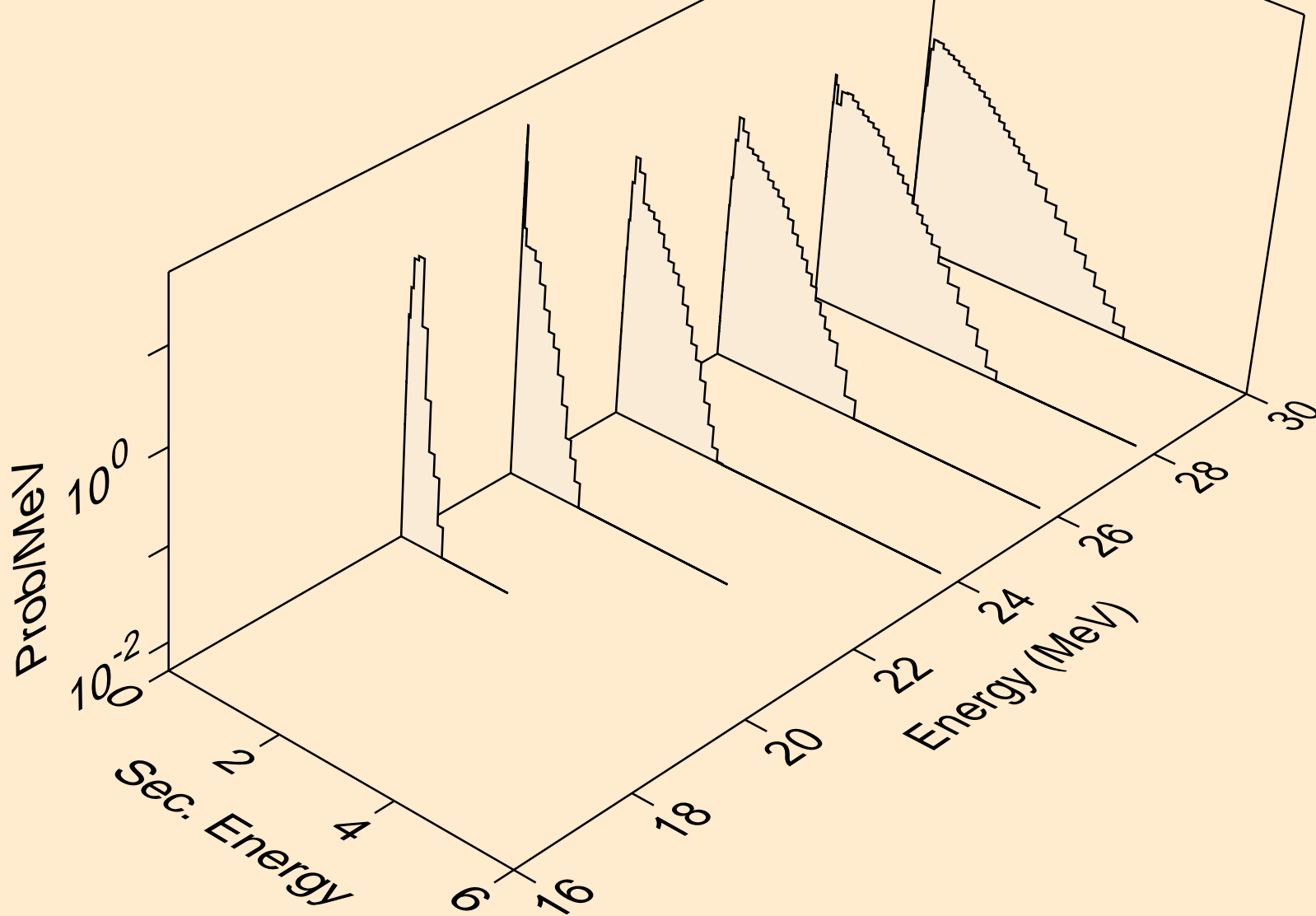
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)a



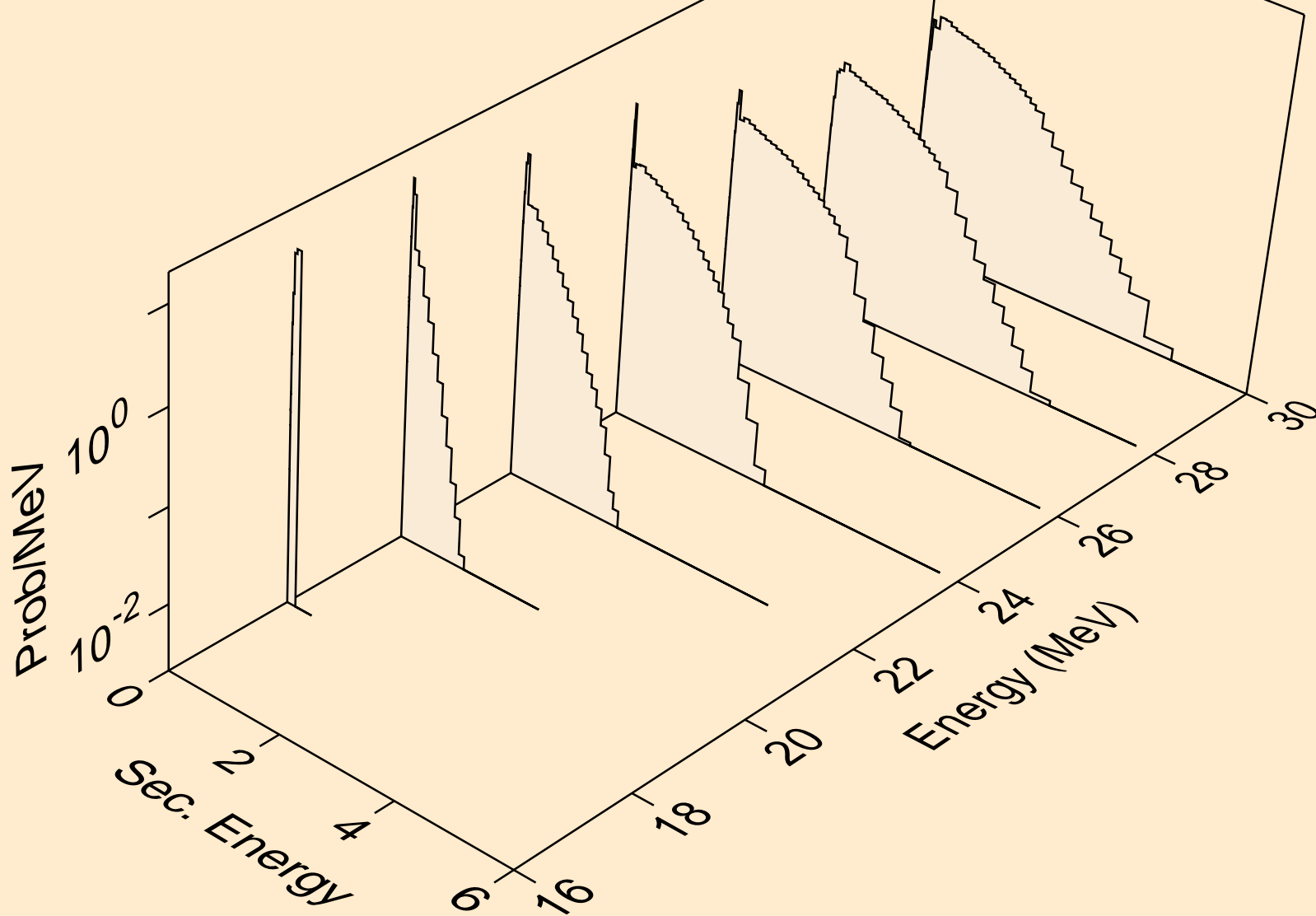
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)p



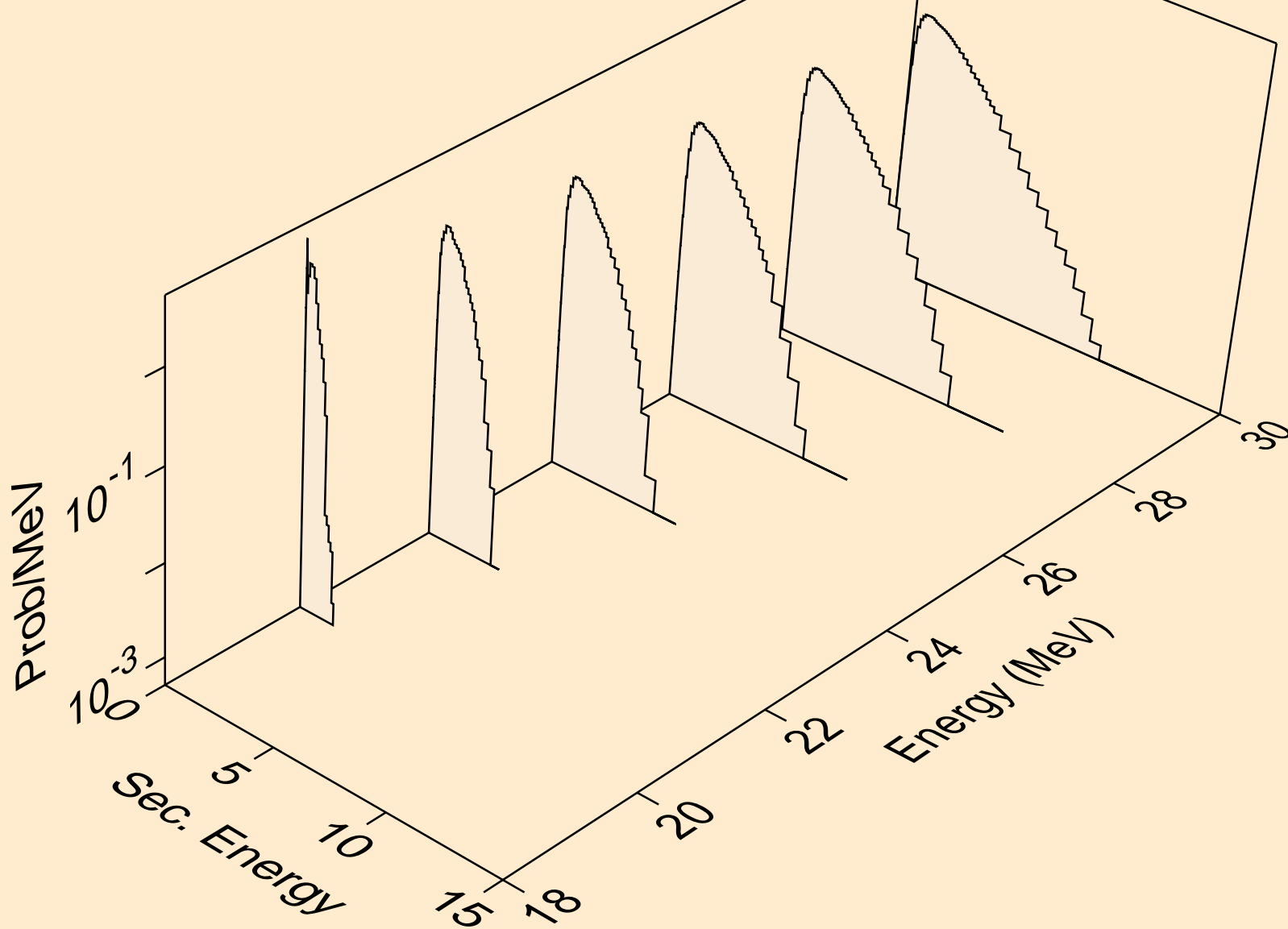
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



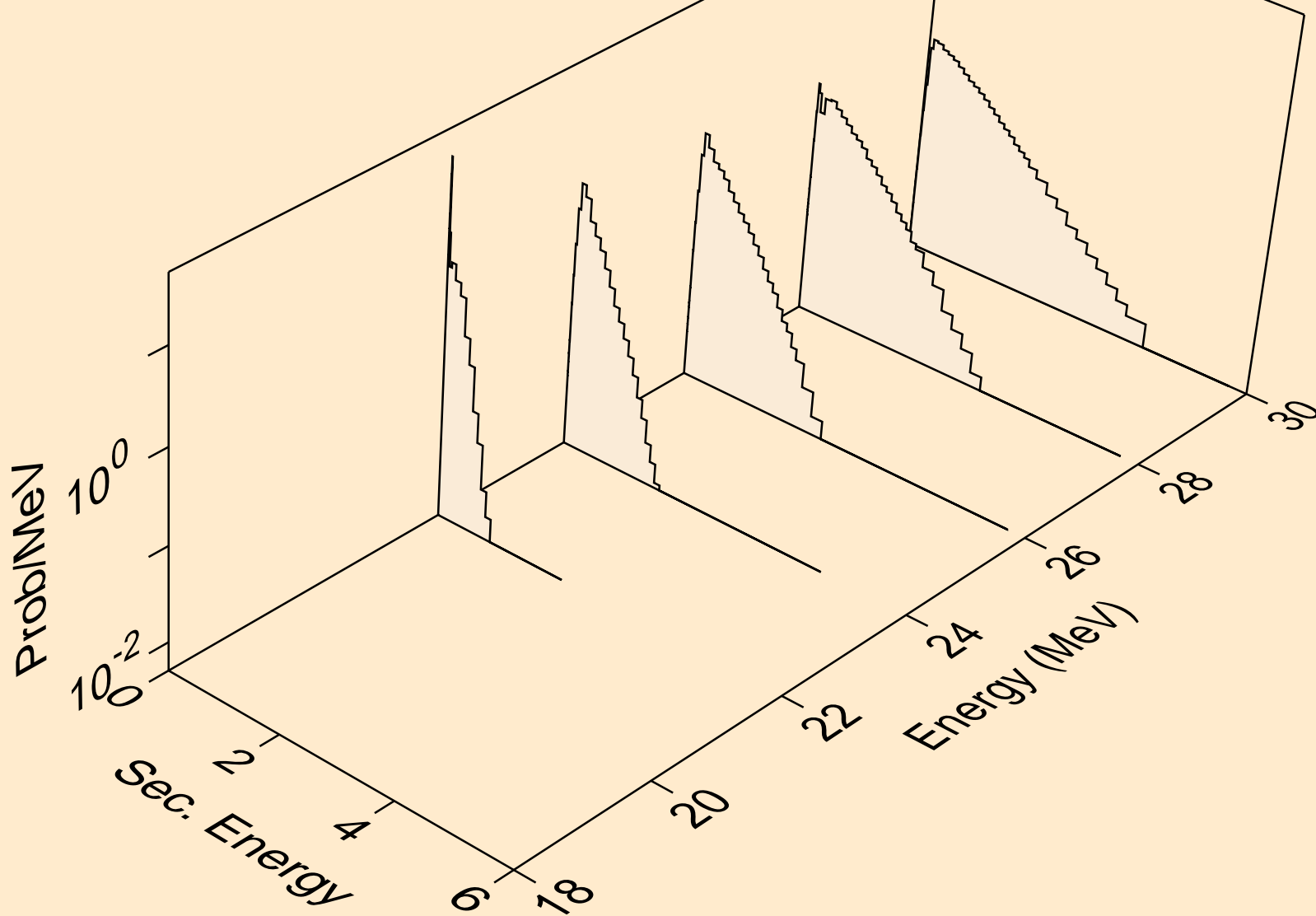
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t



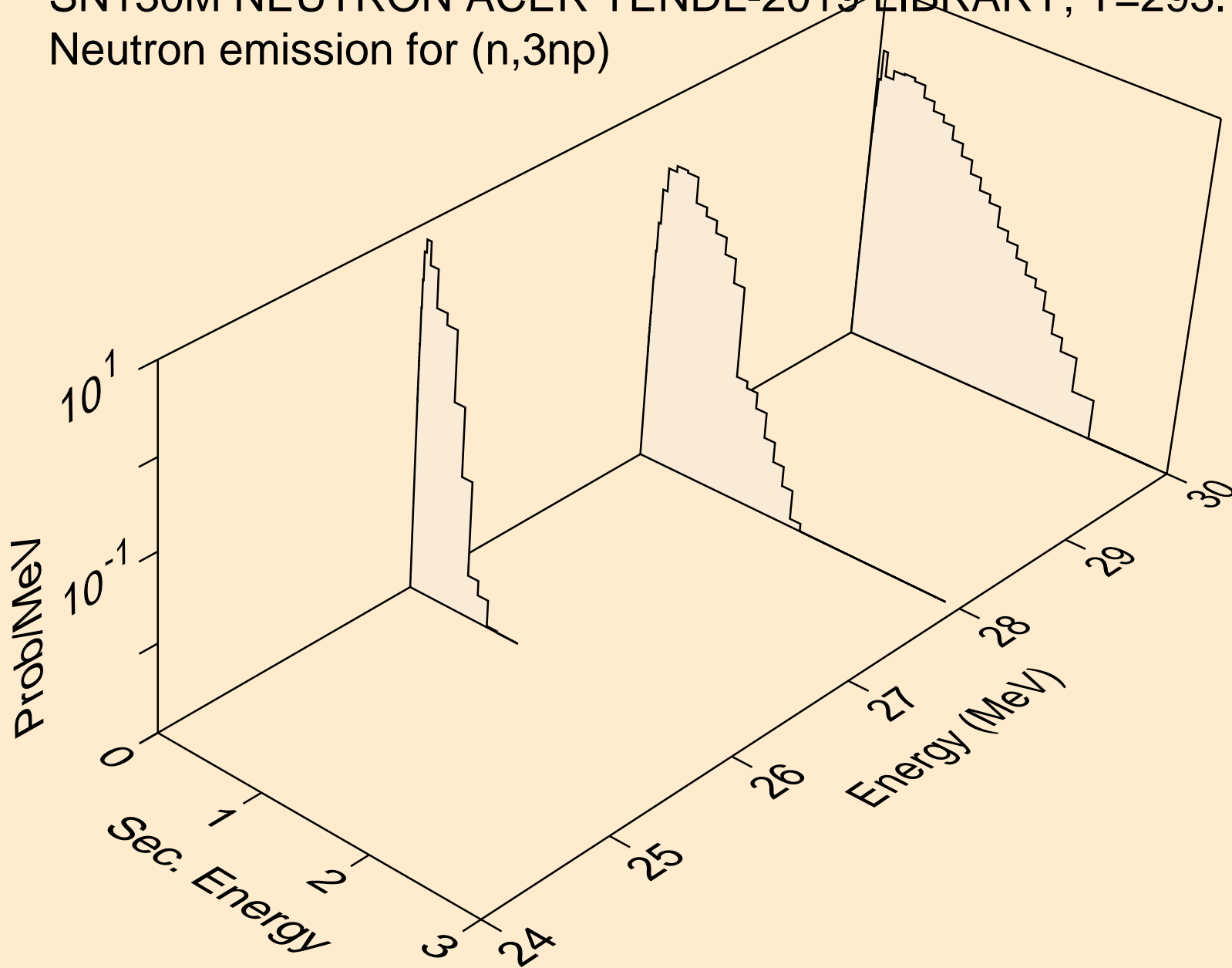
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,4n)



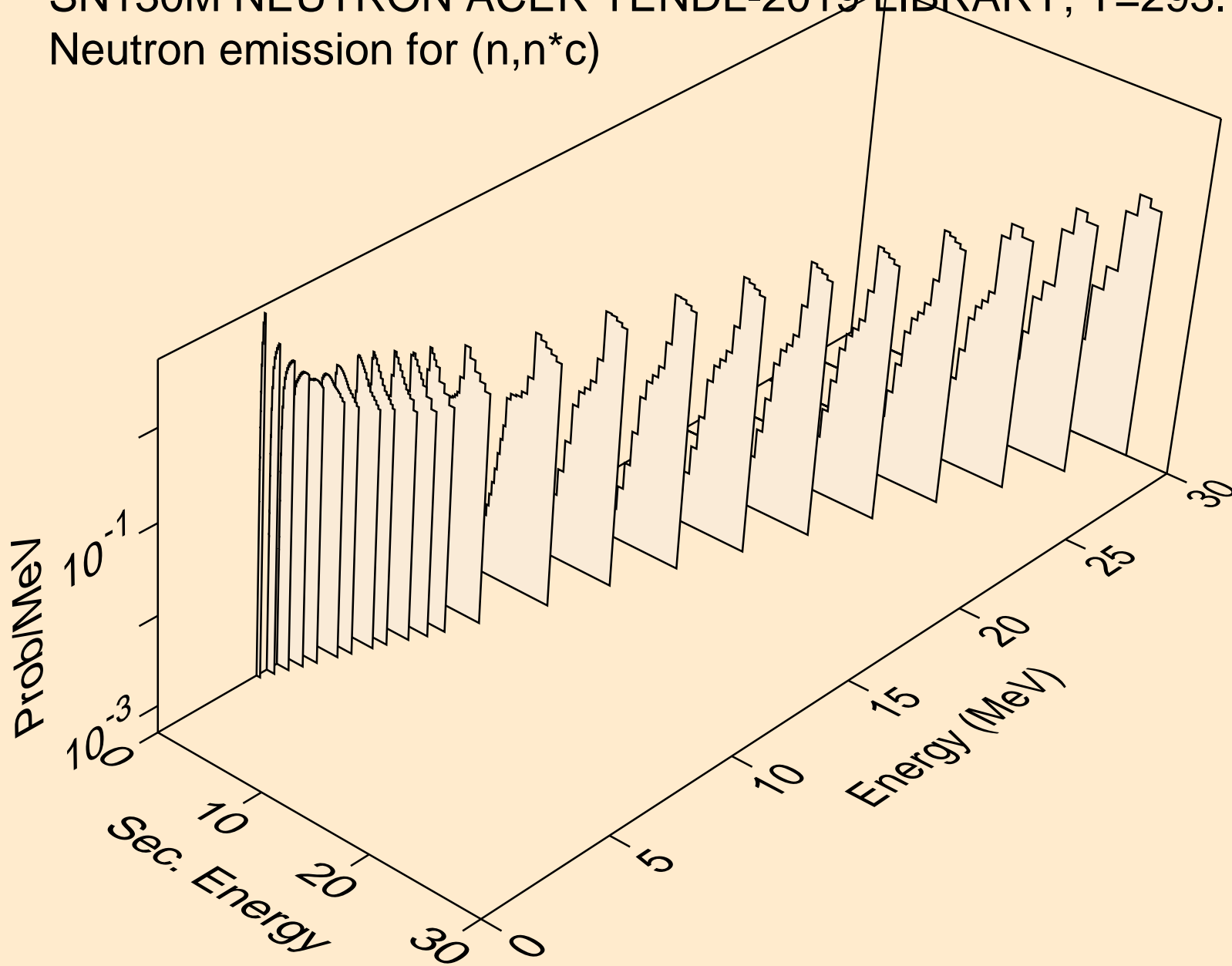
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)

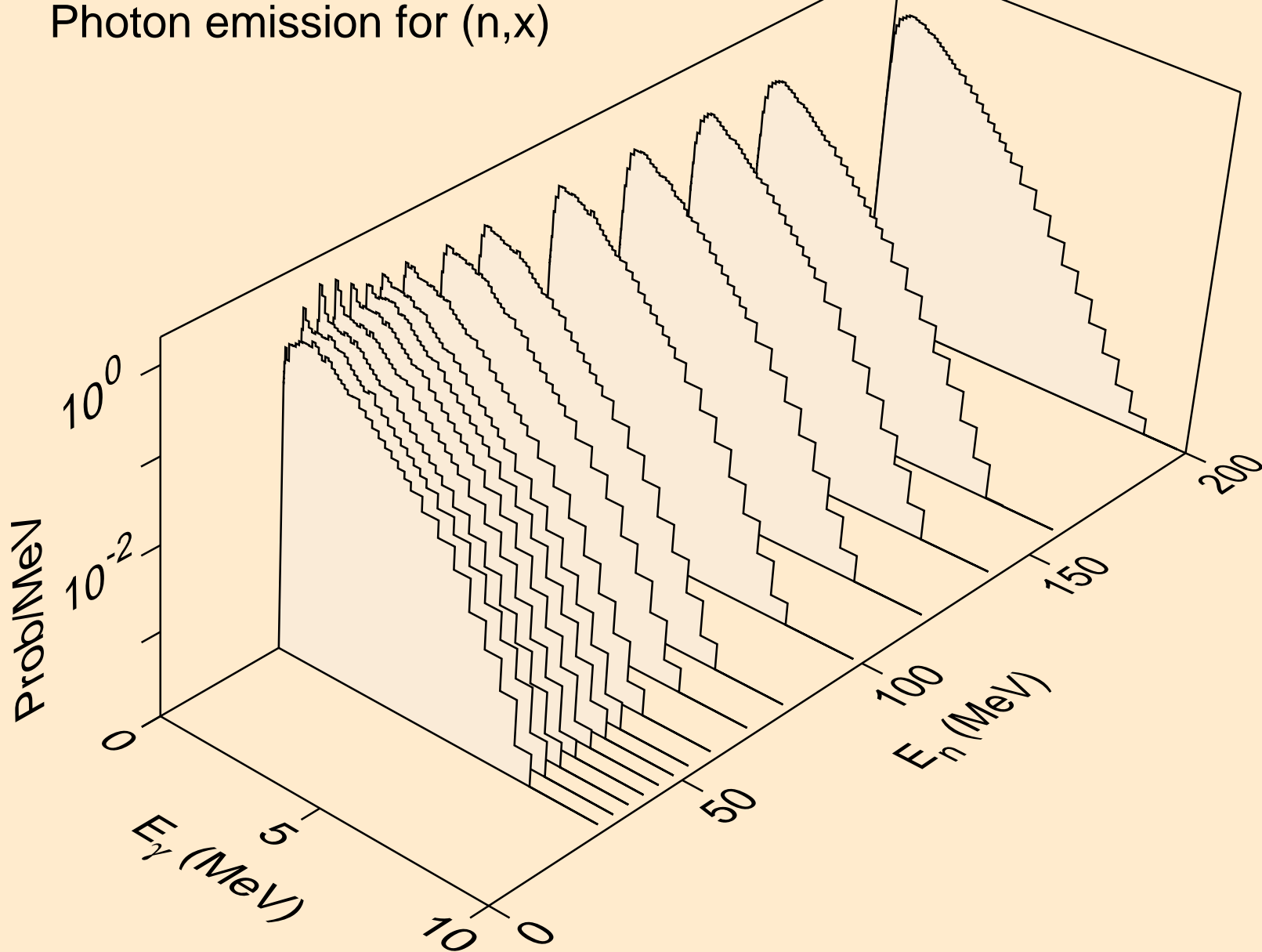


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)

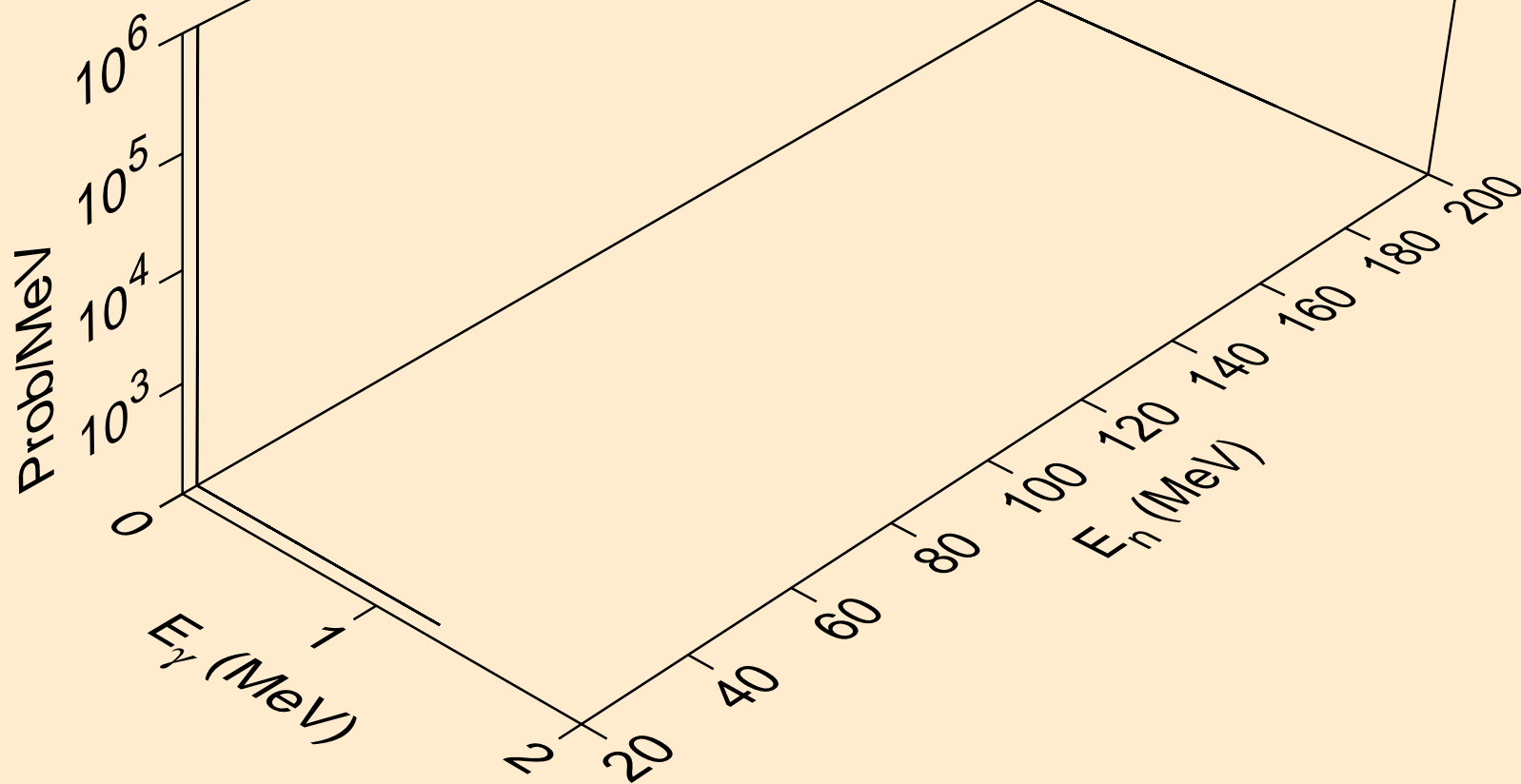




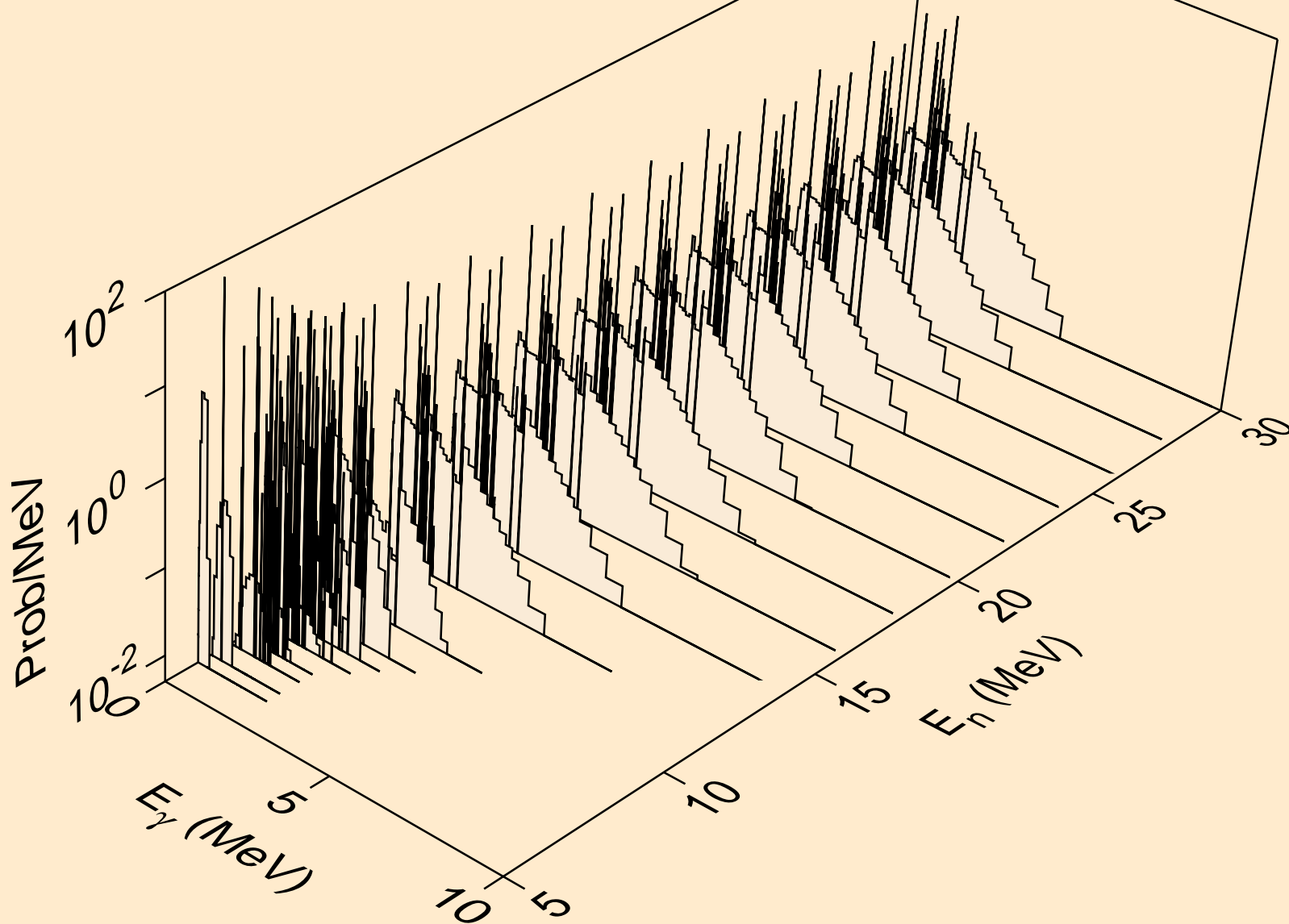
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



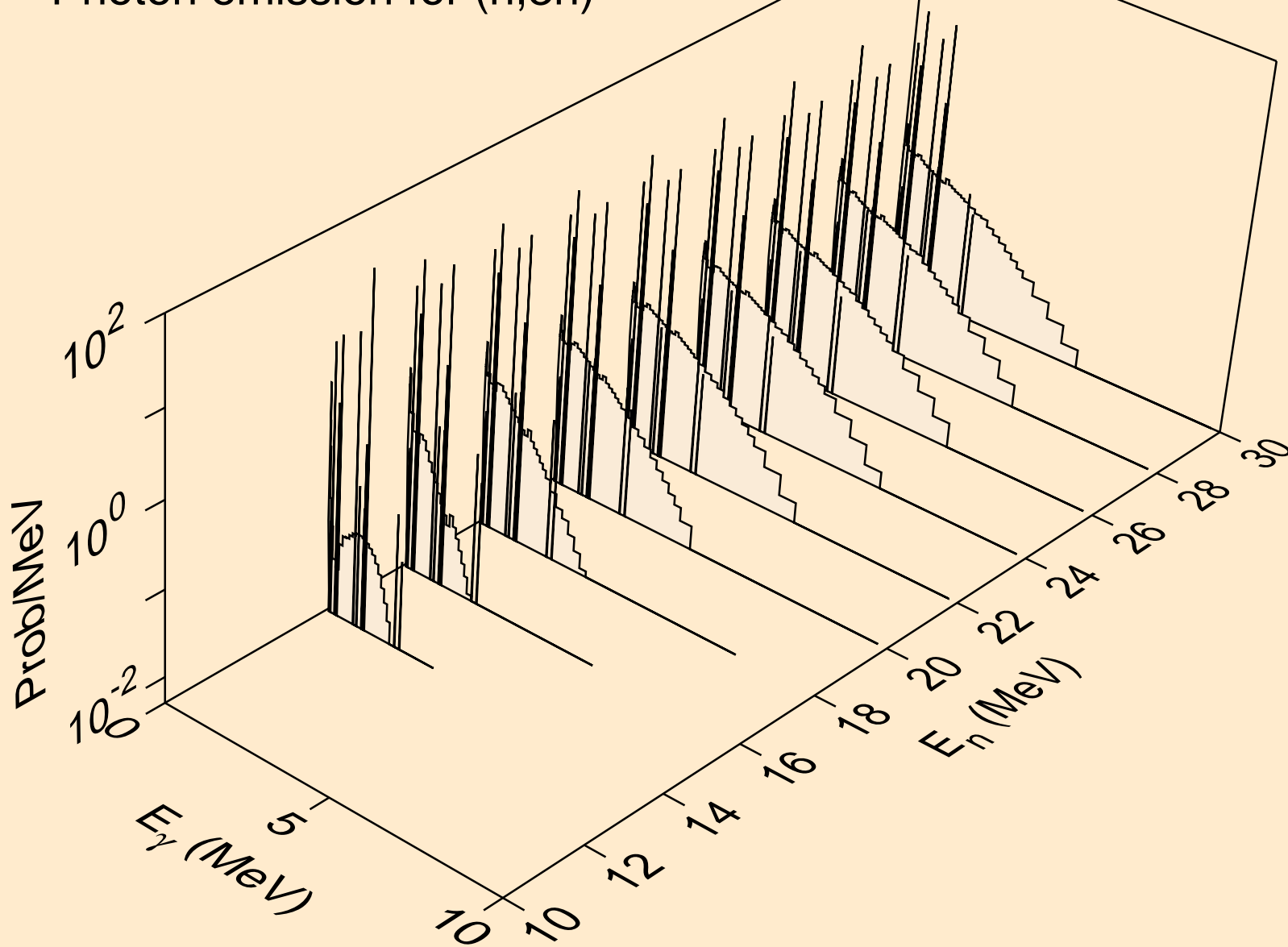
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



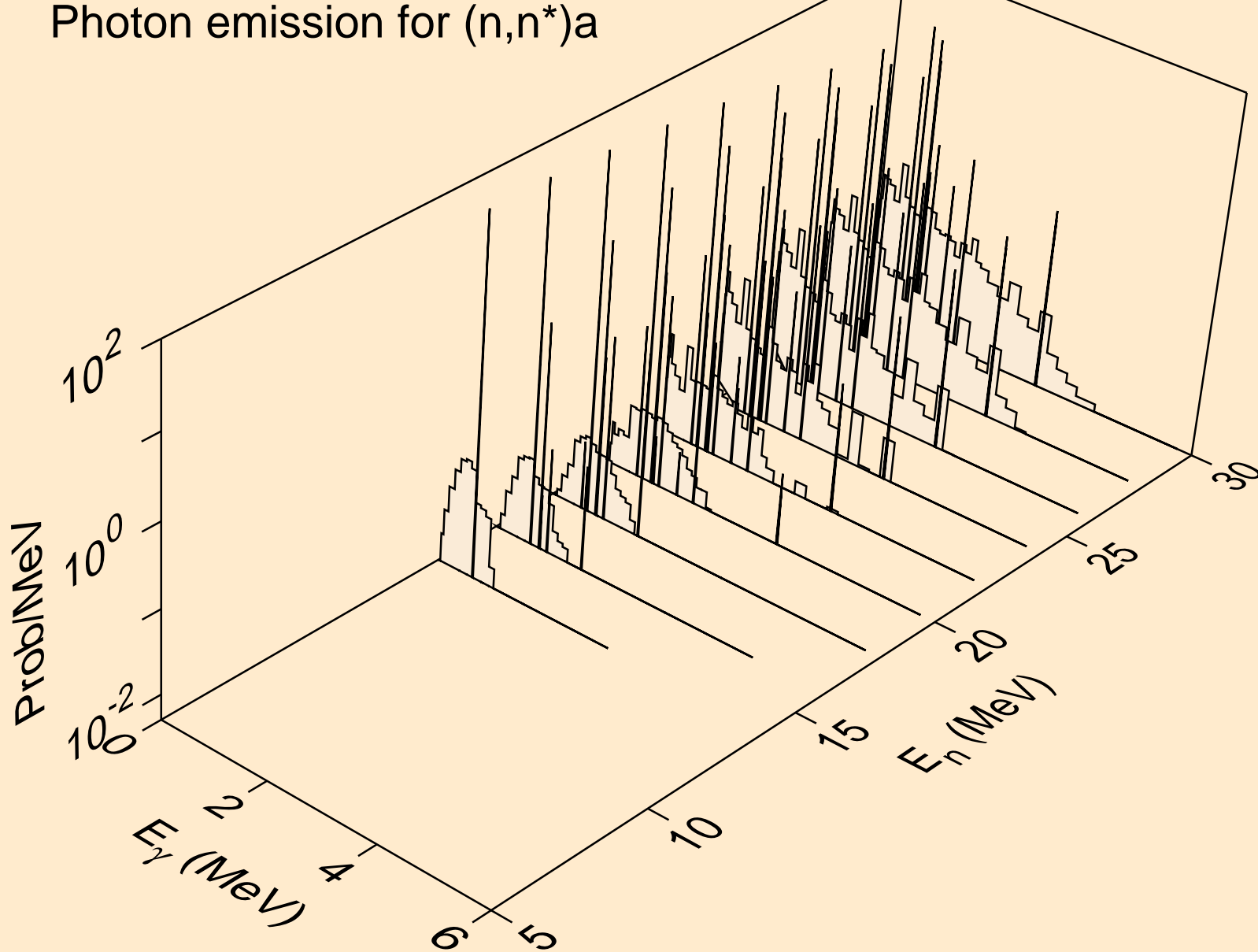
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



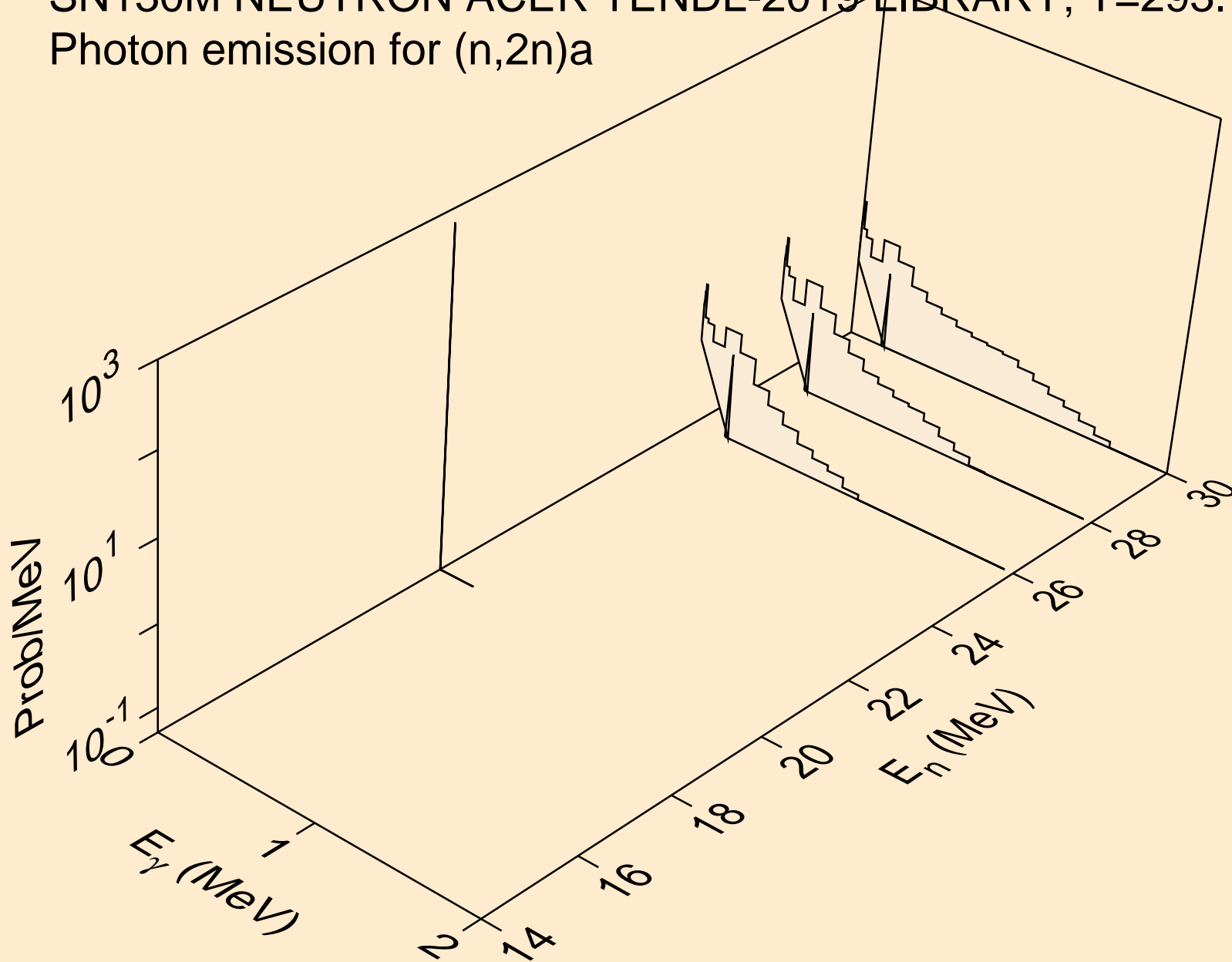
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



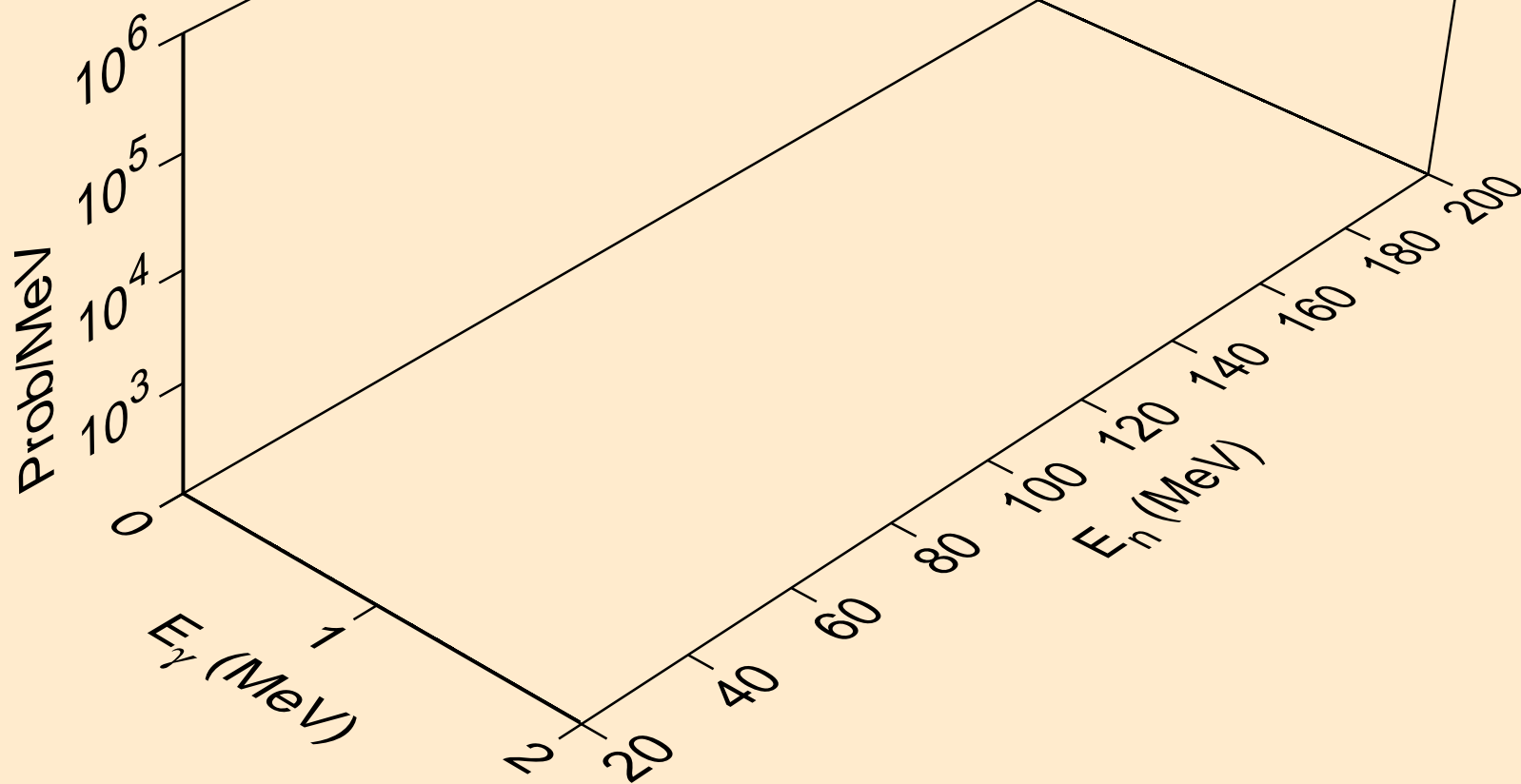
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



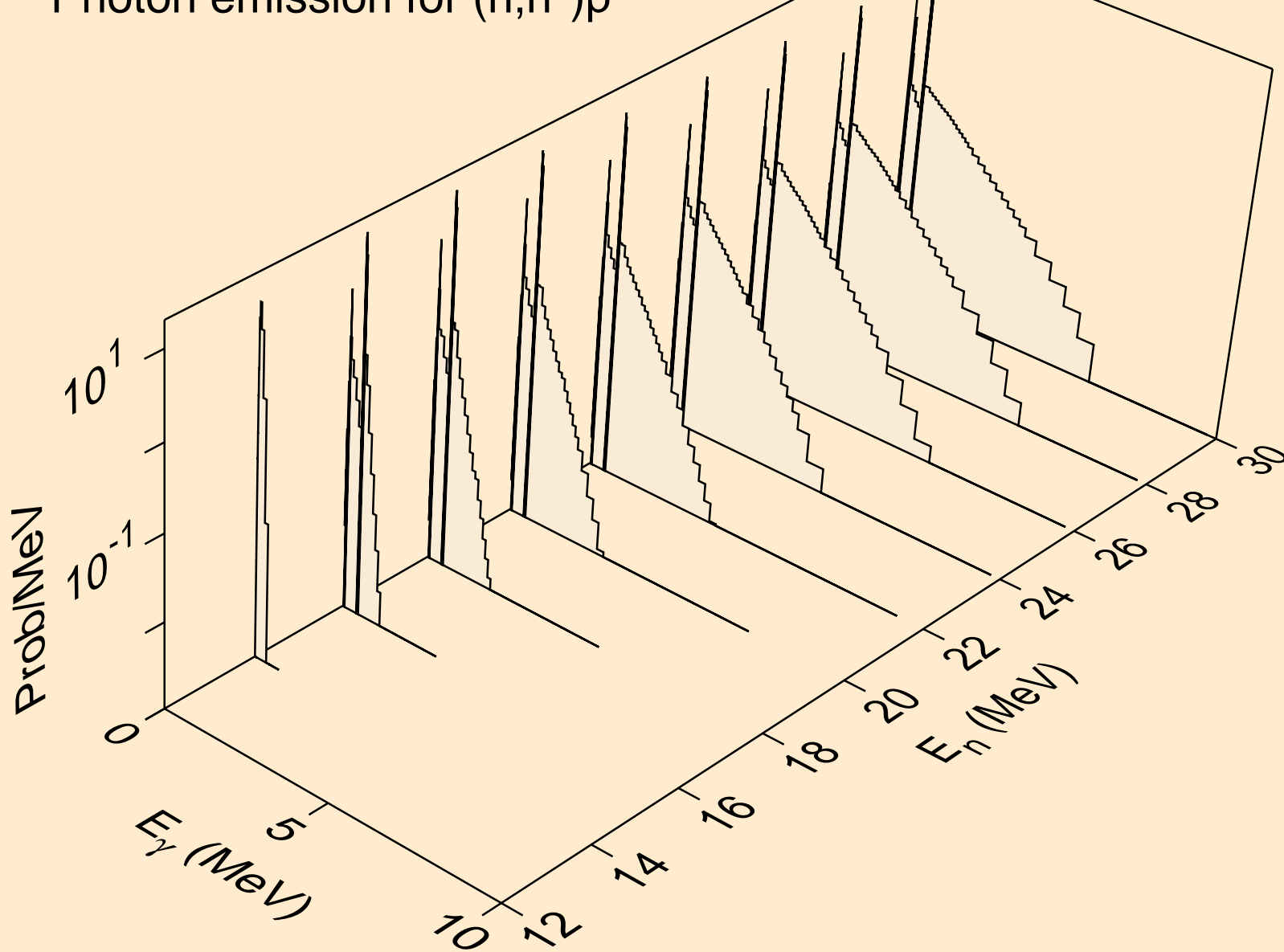
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

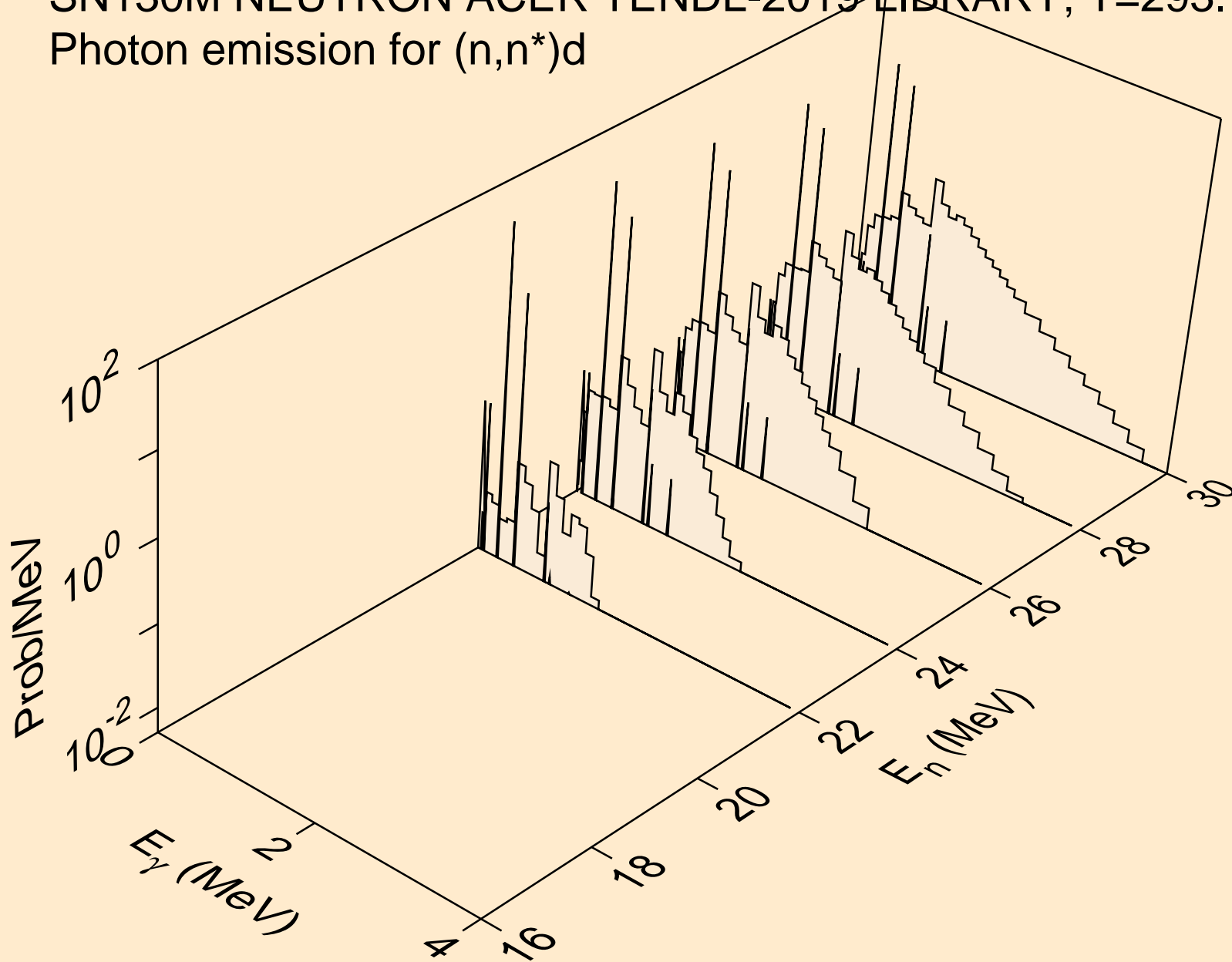


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p

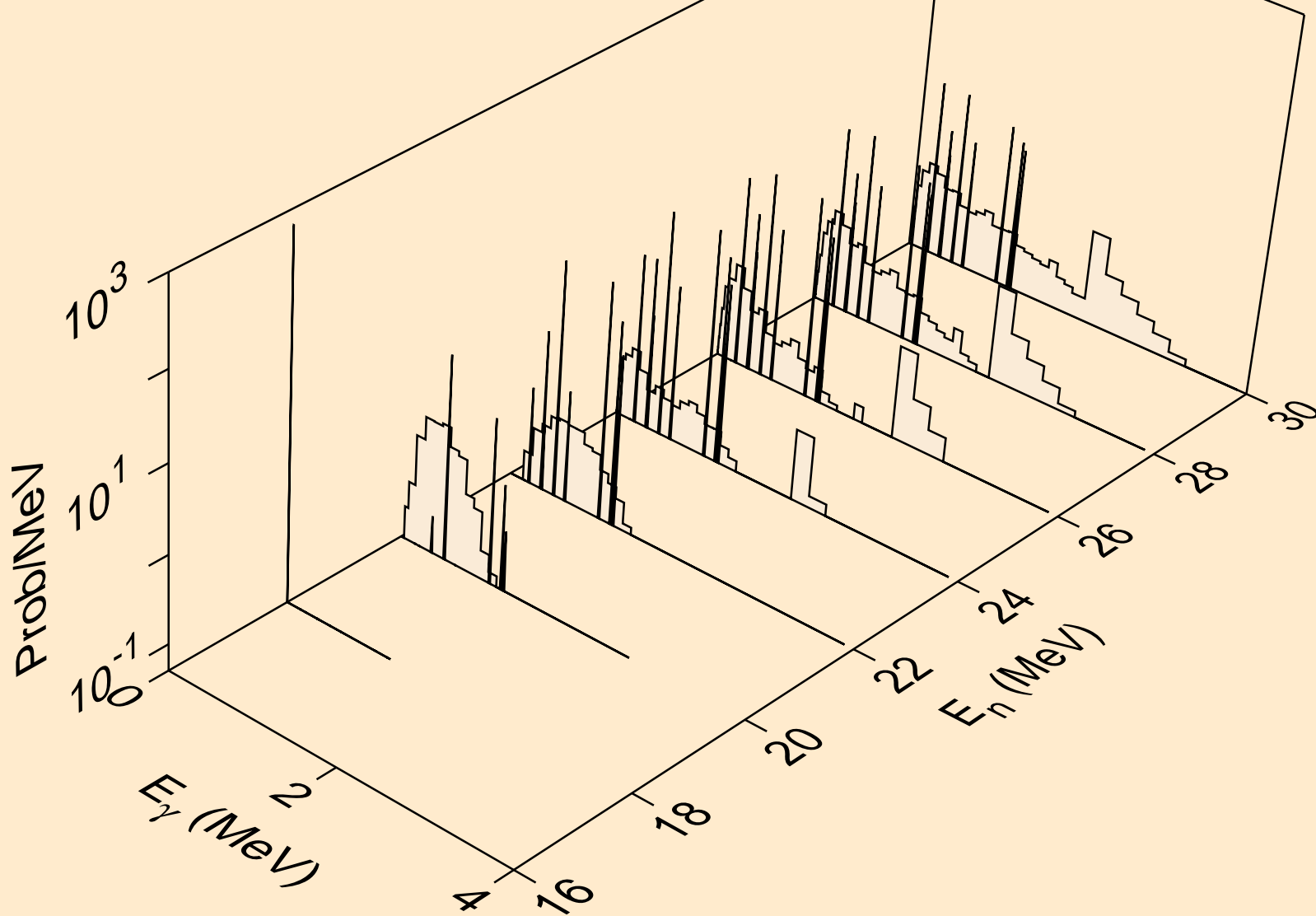




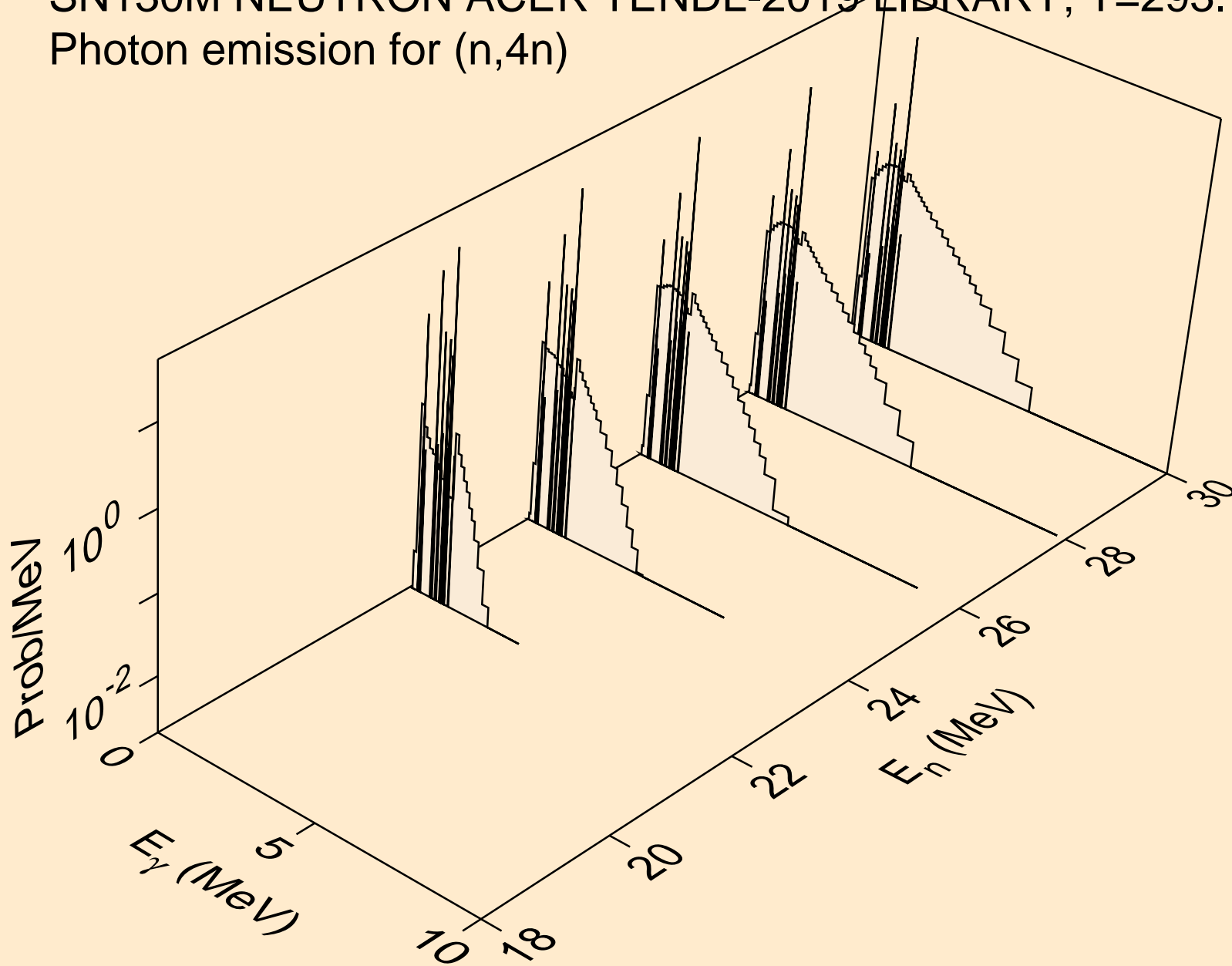
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



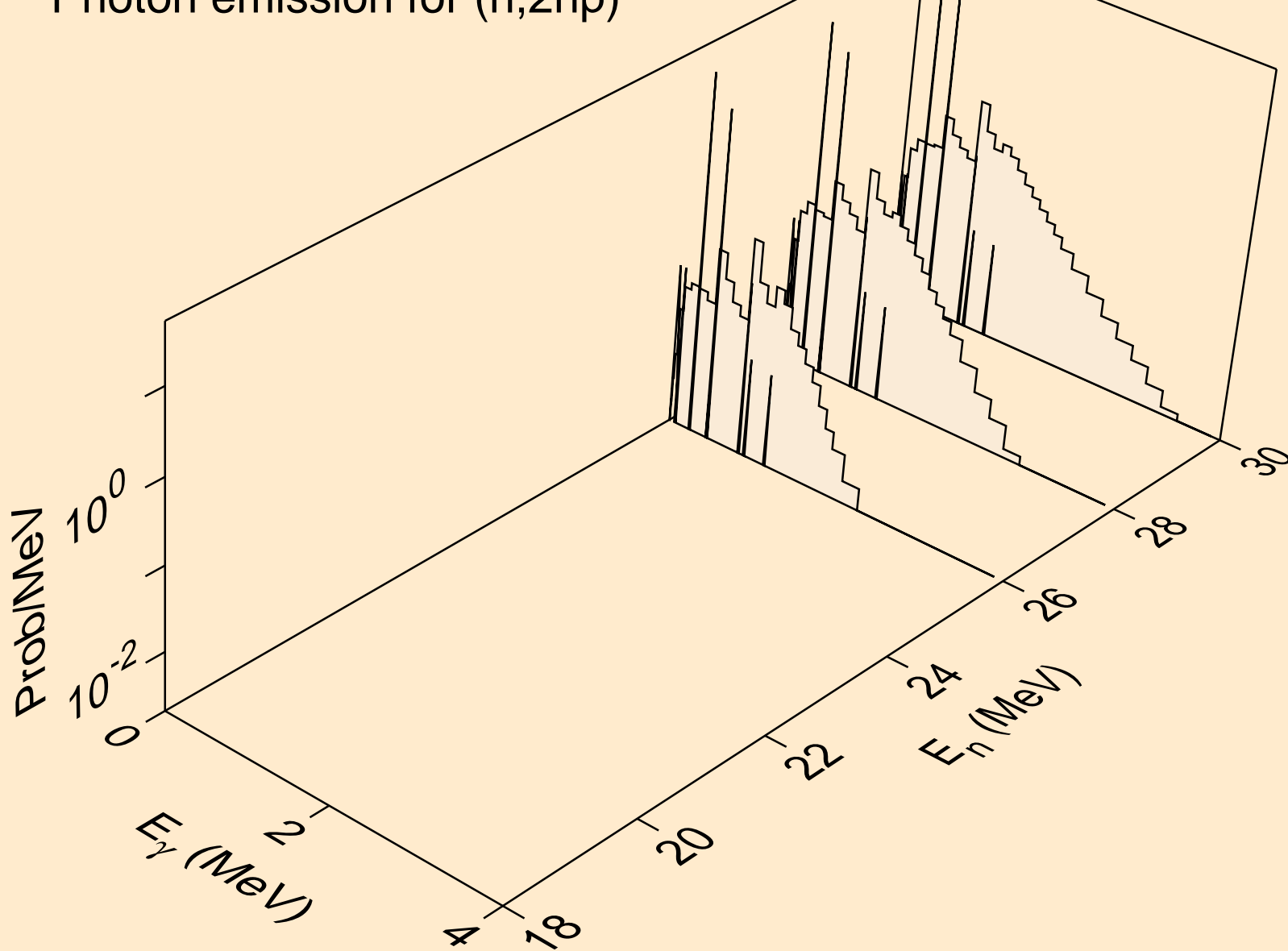
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



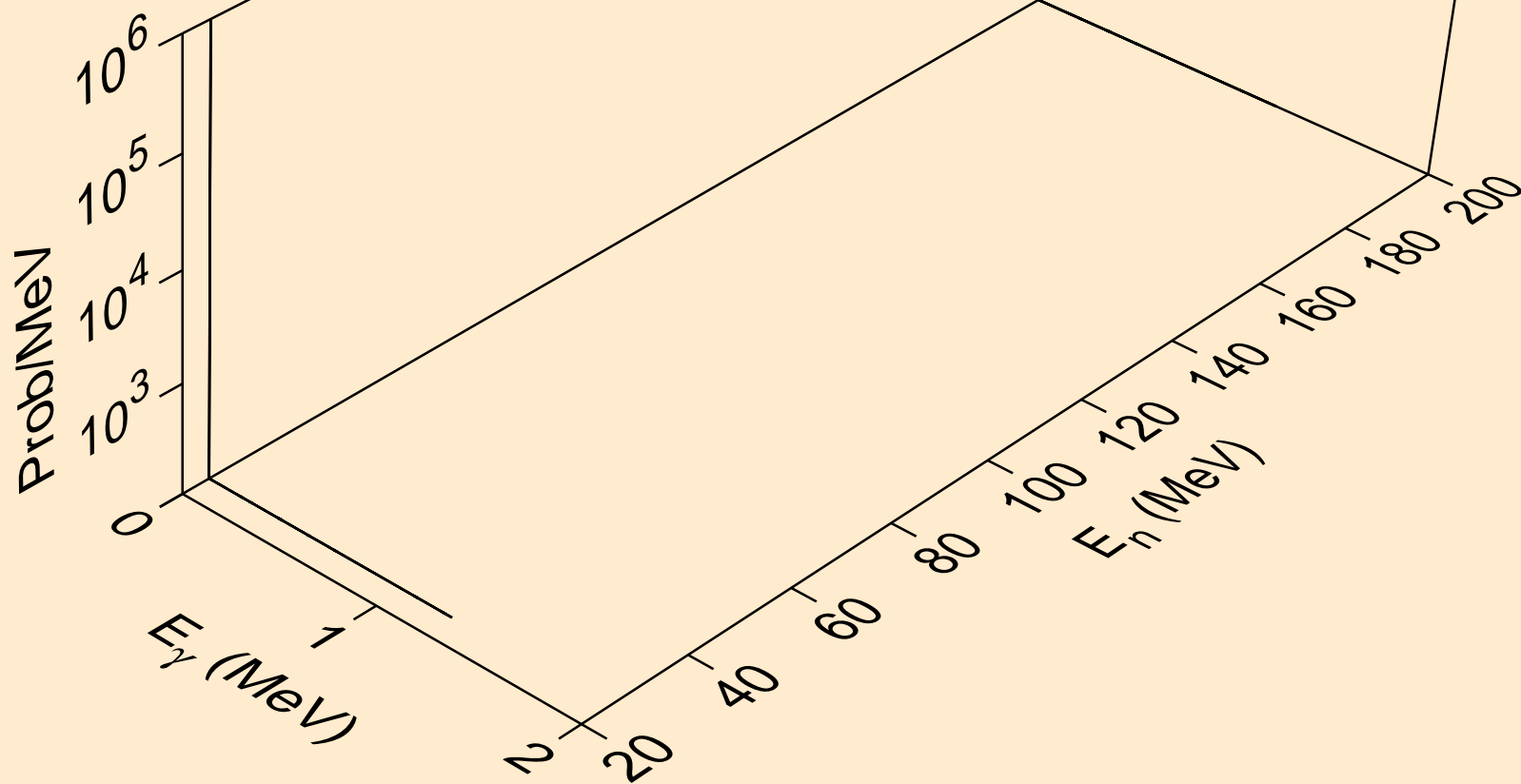
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



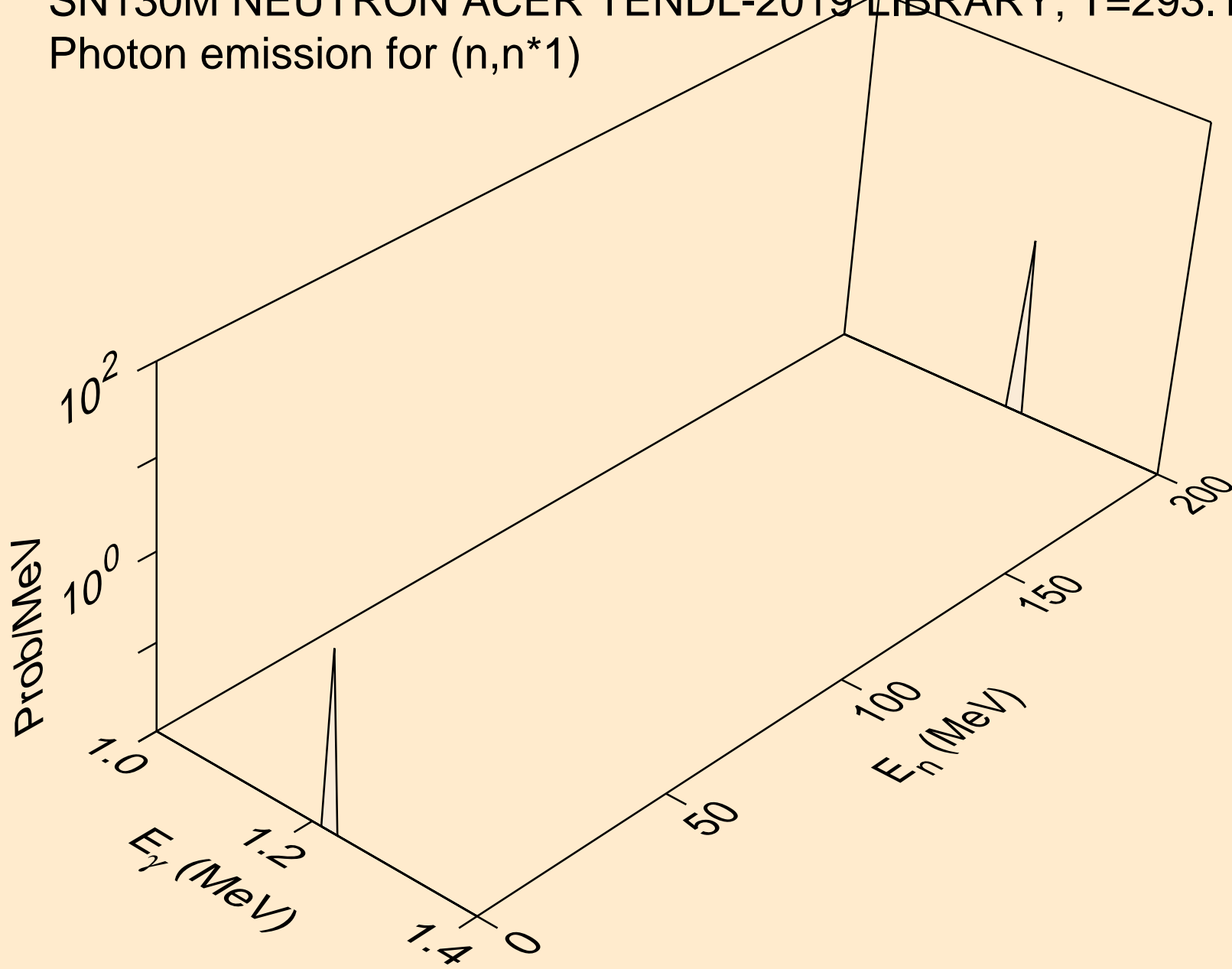
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



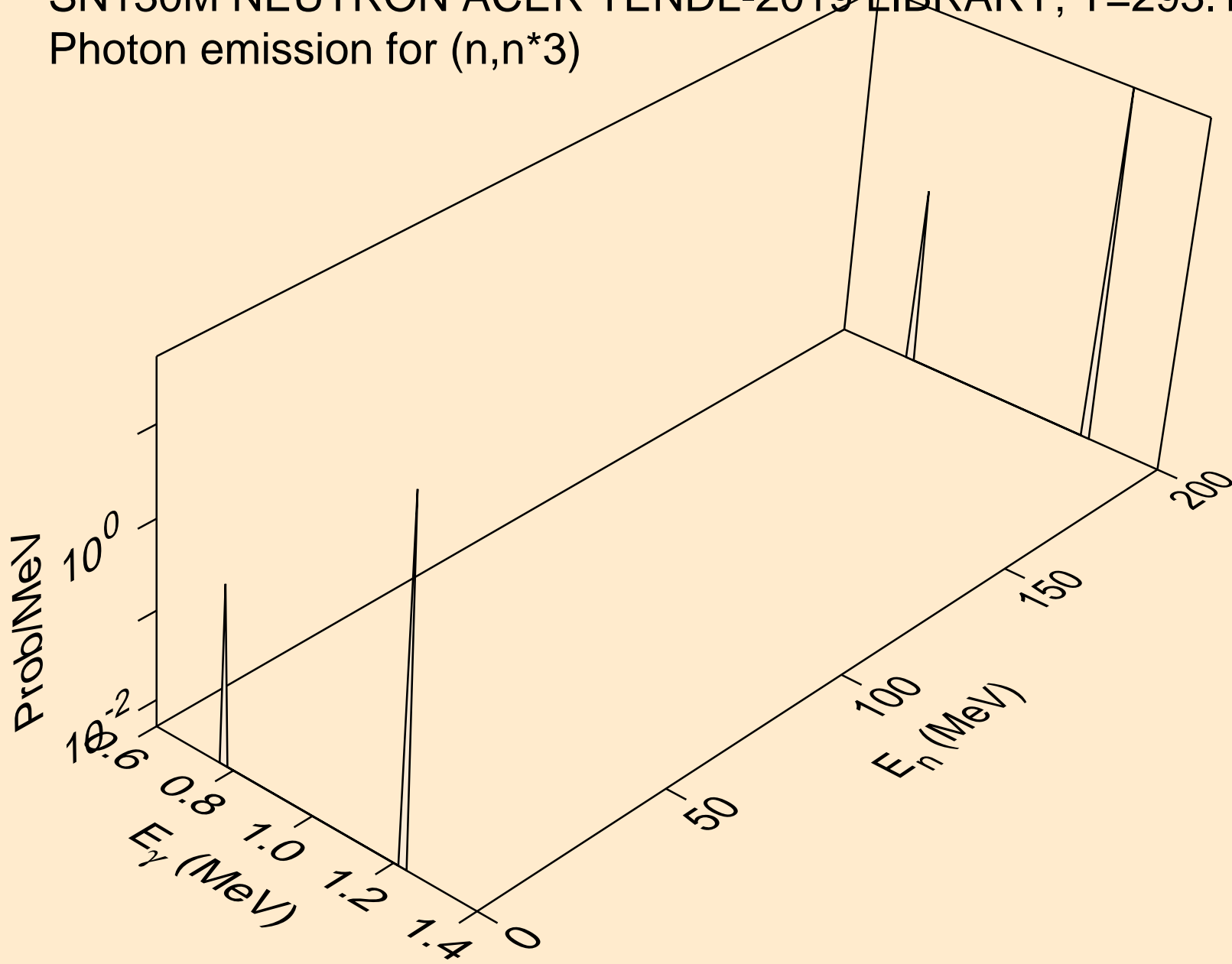
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)



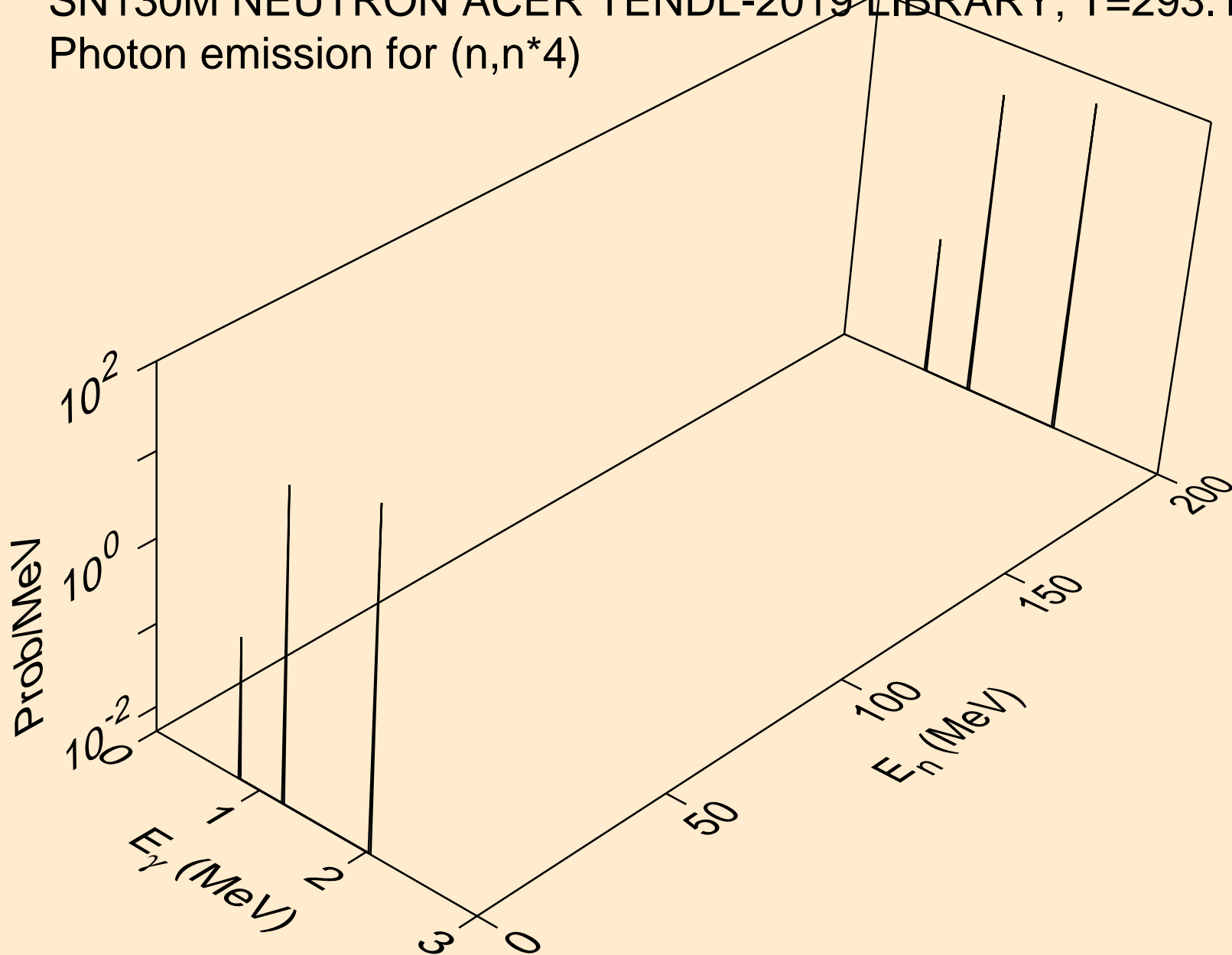
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*1)



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*3)

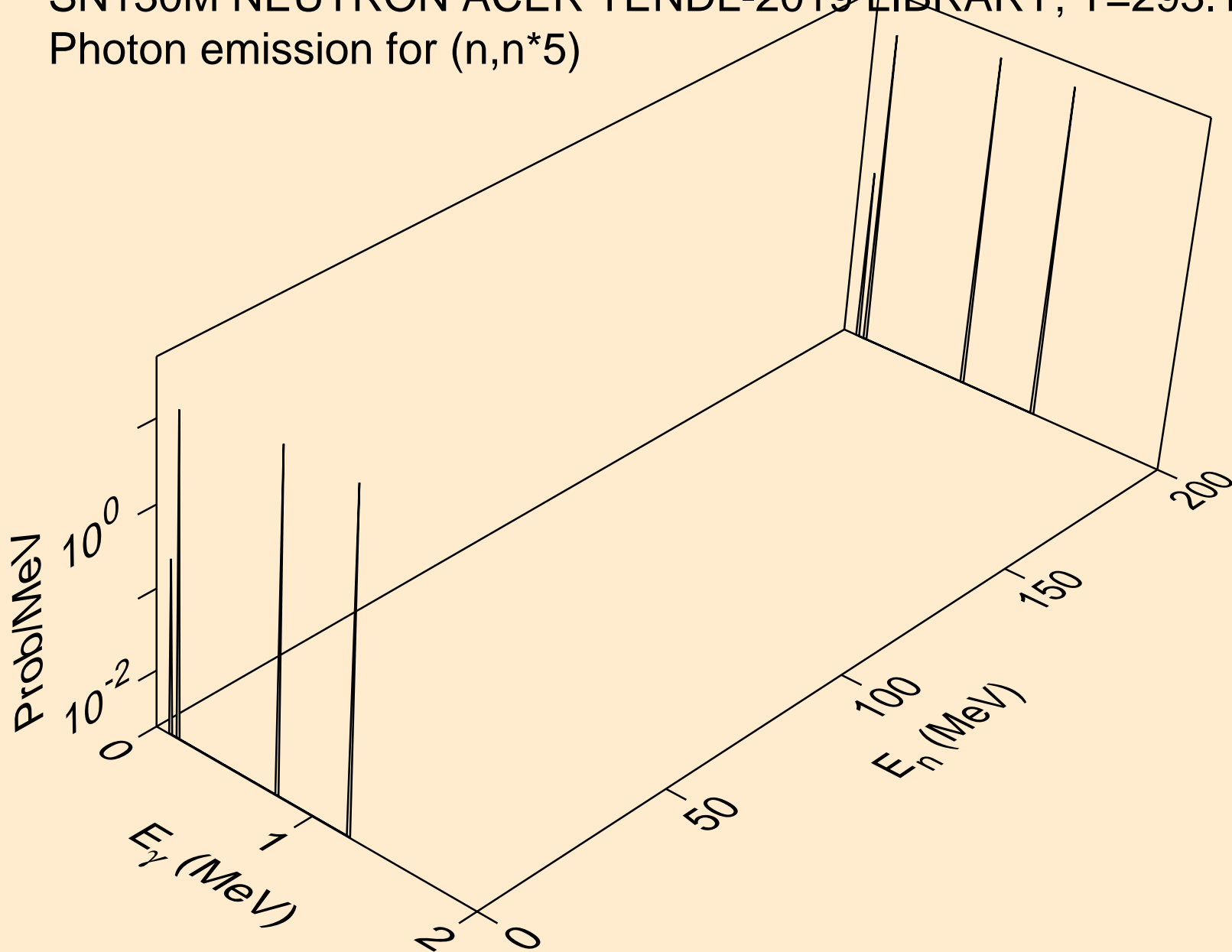


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*4)

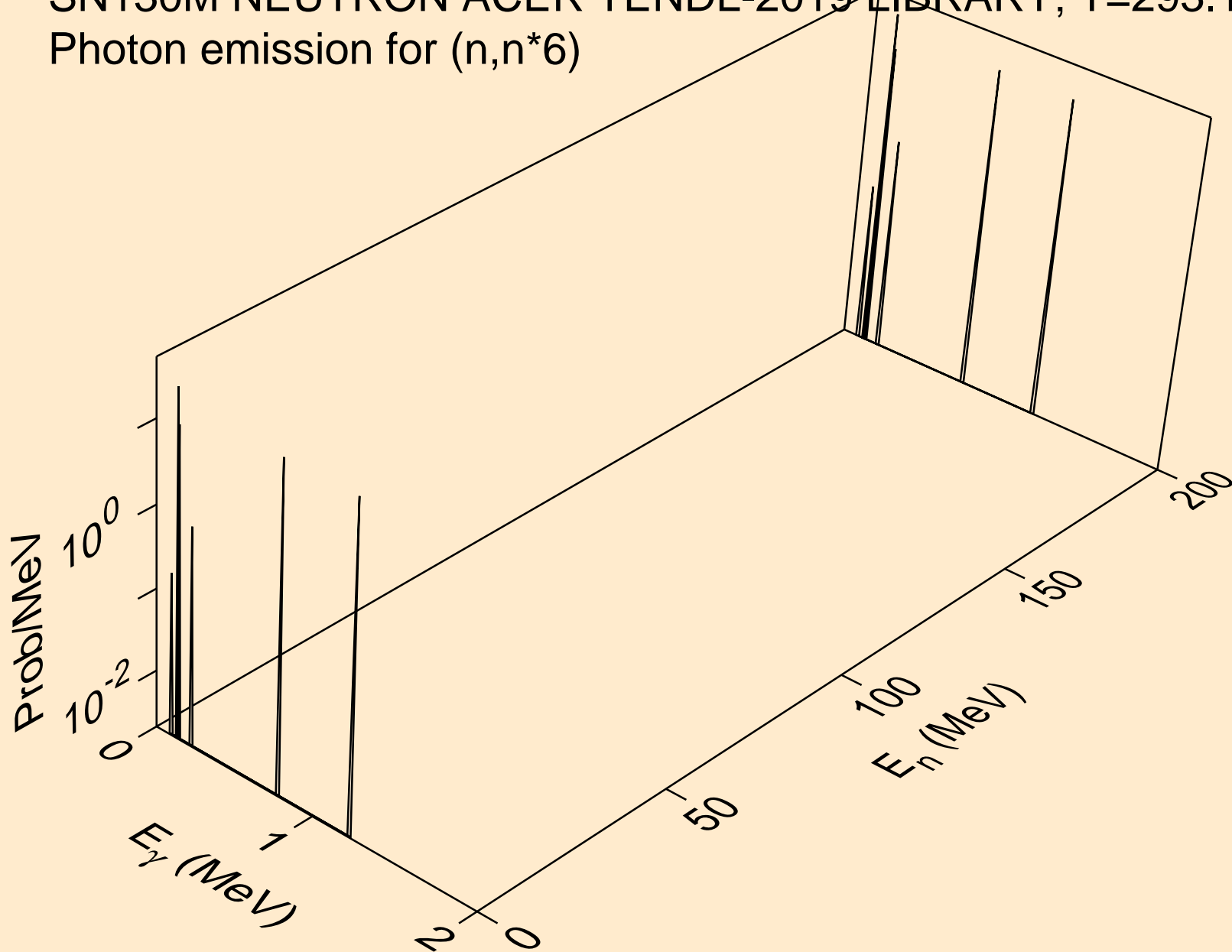




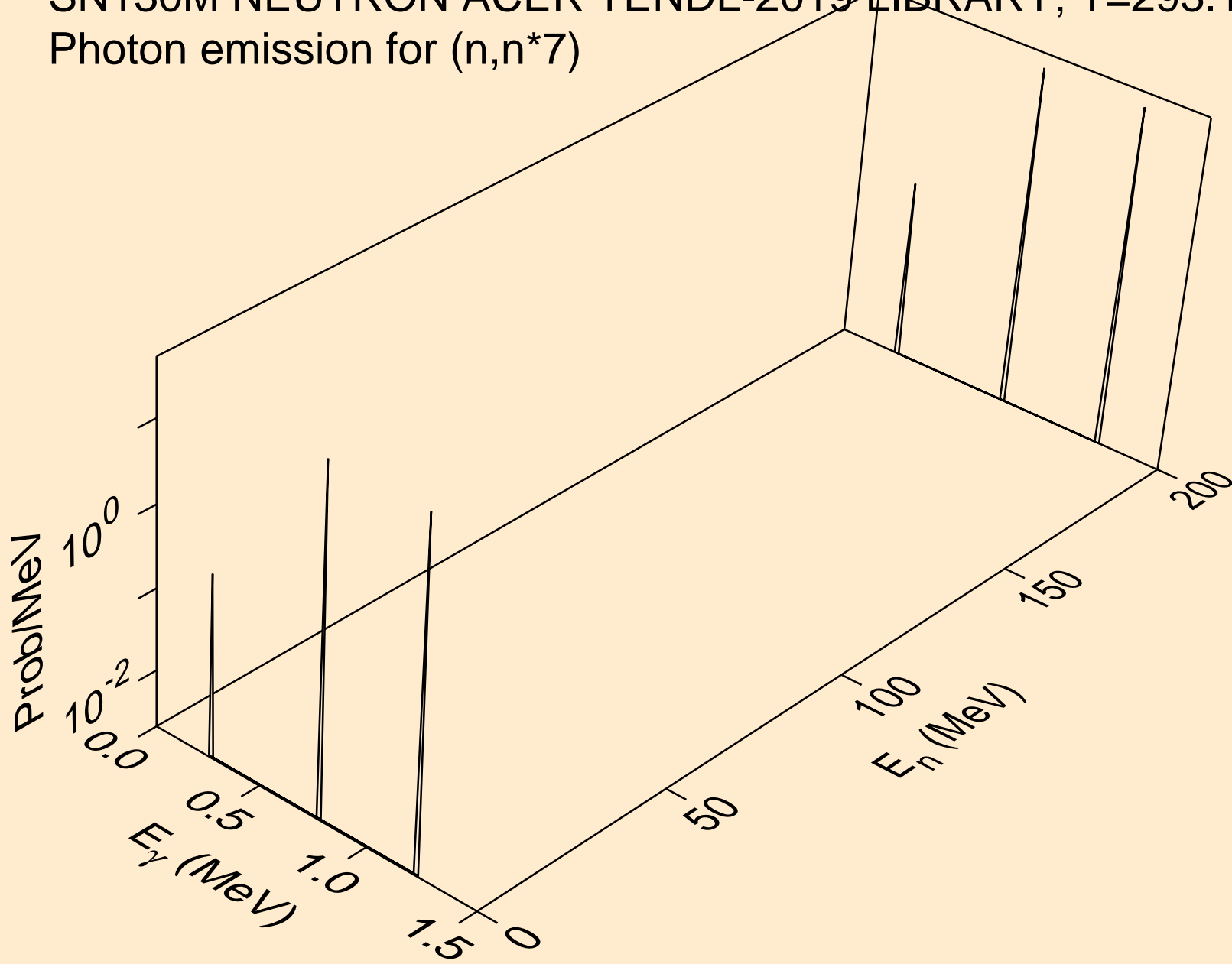
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*5)



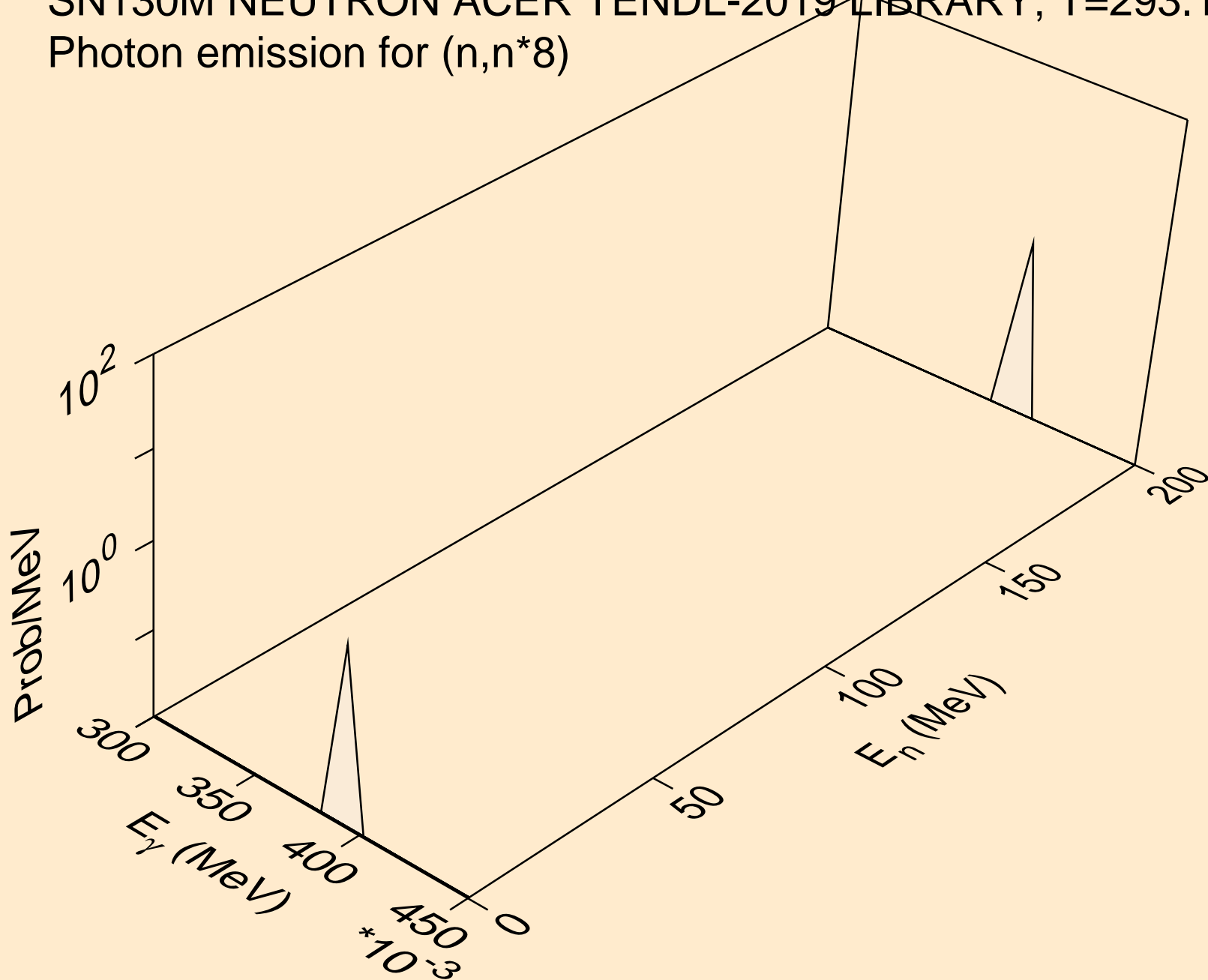
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*6)



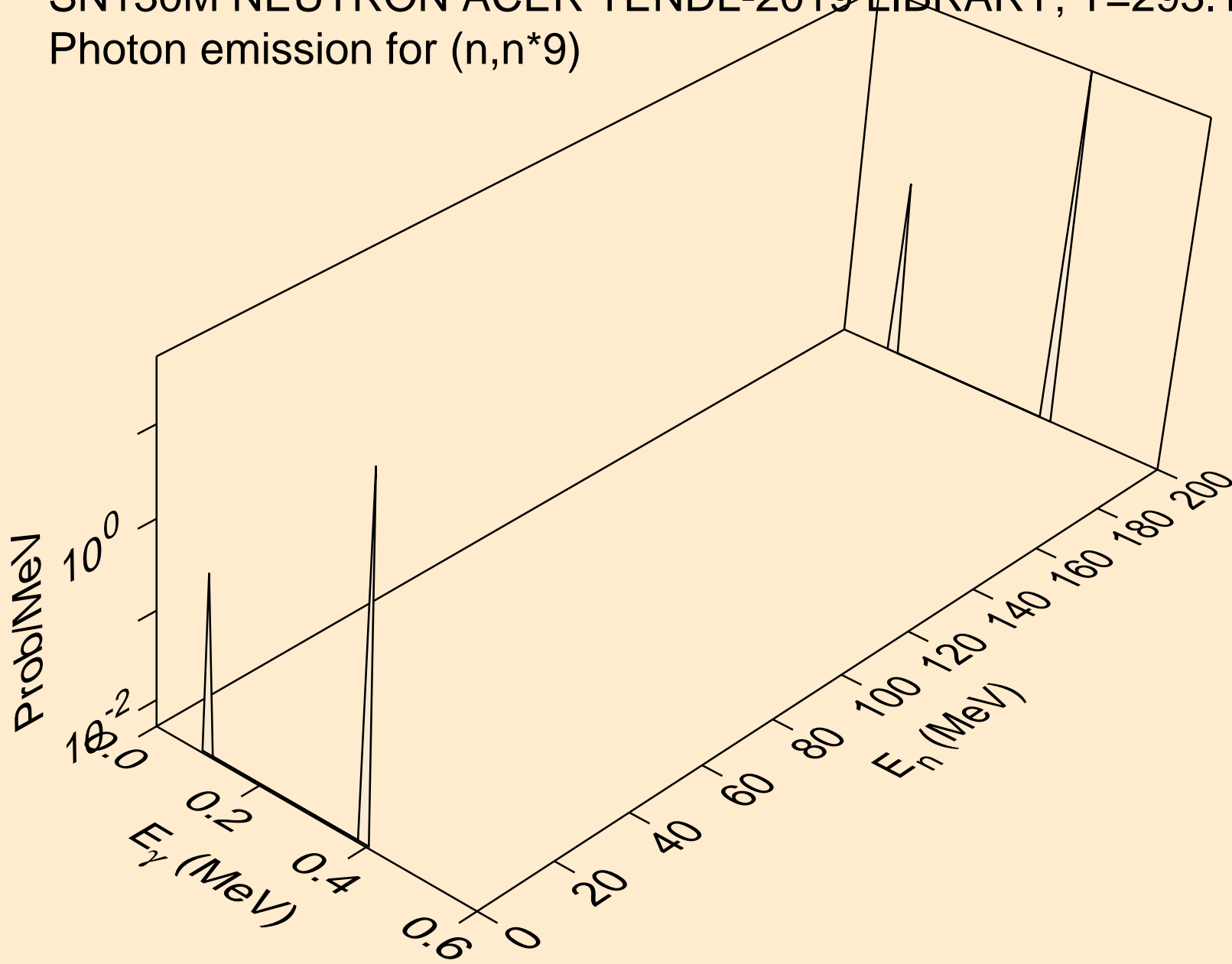
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*7)



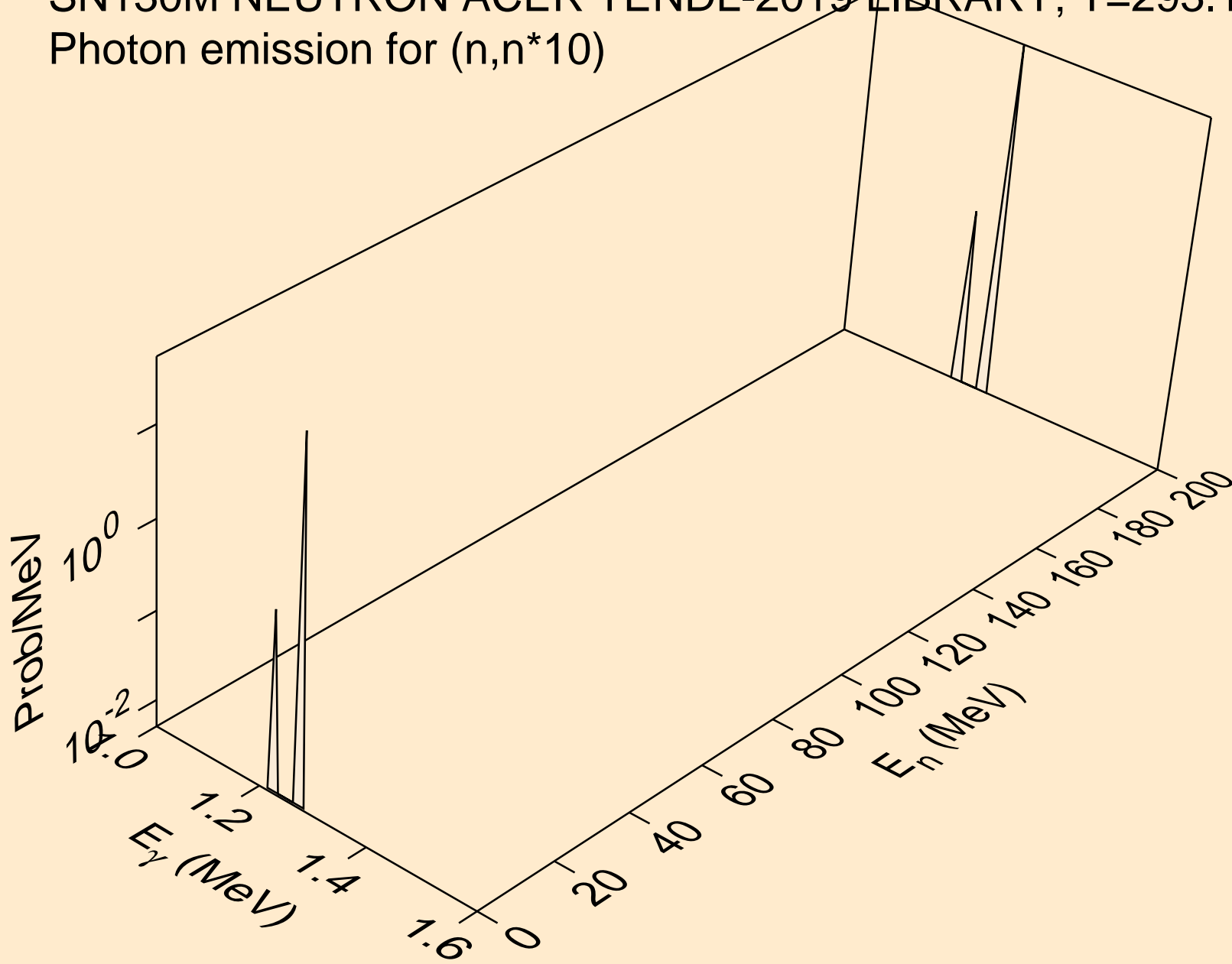
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*8)



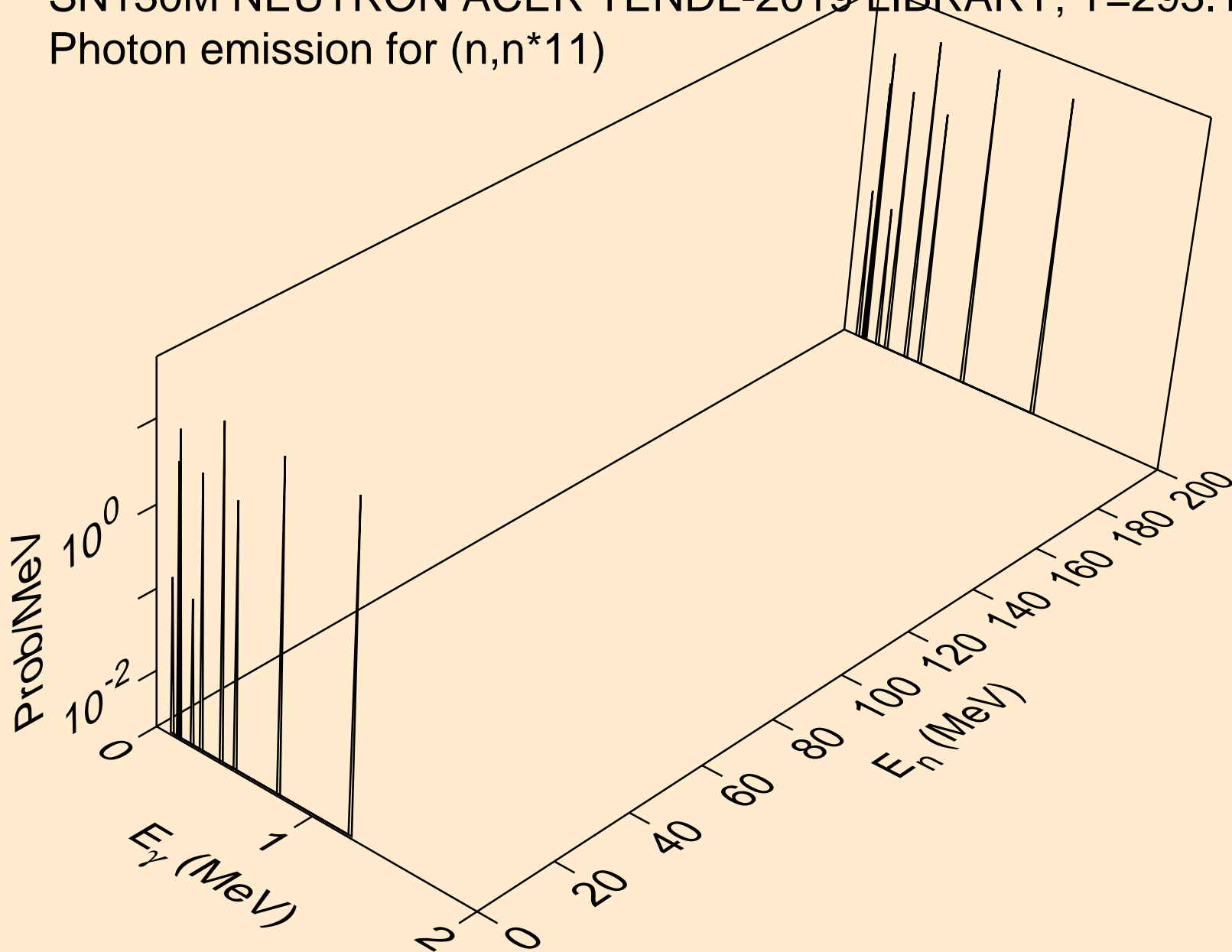
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*9)



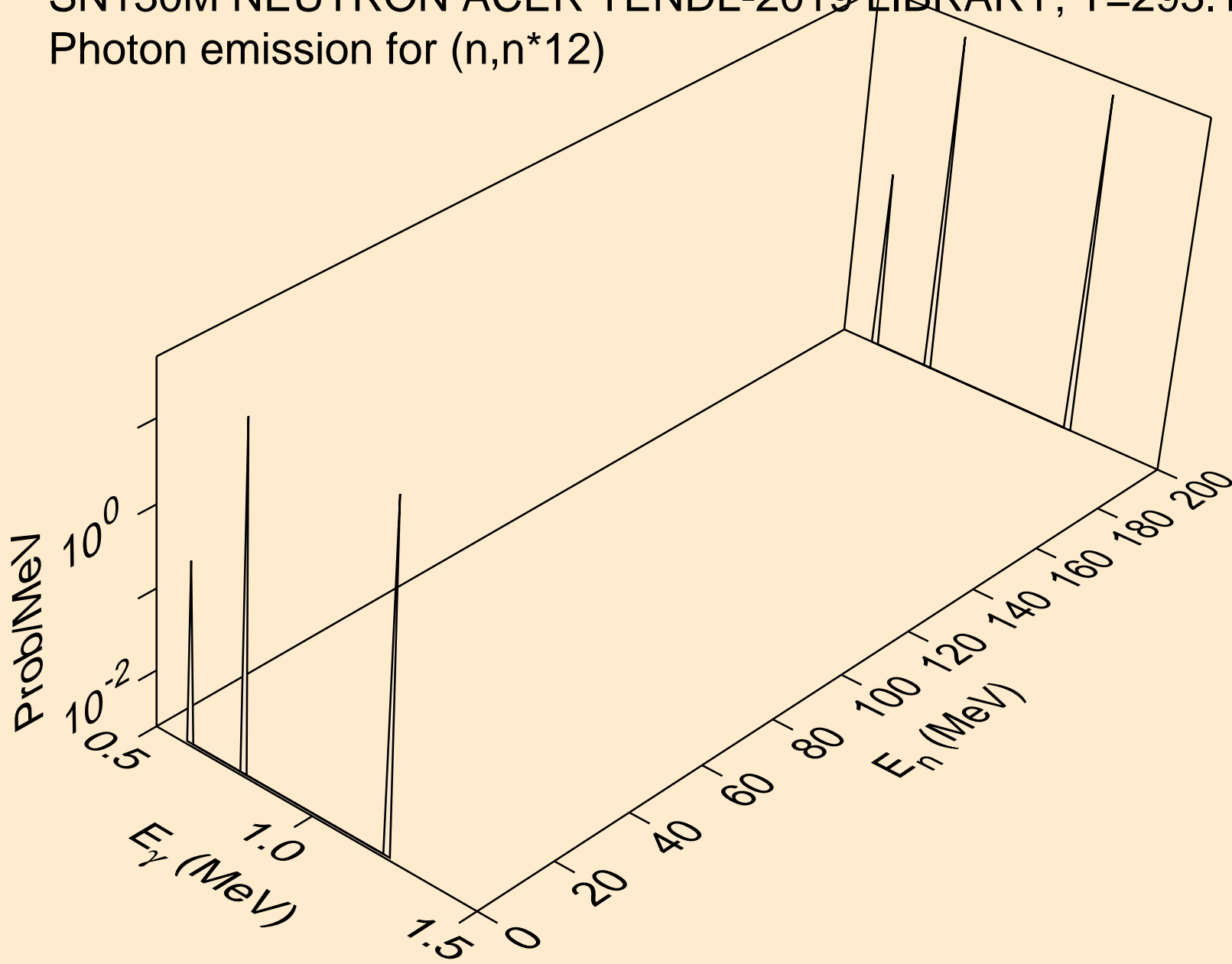
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*10)



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*11)

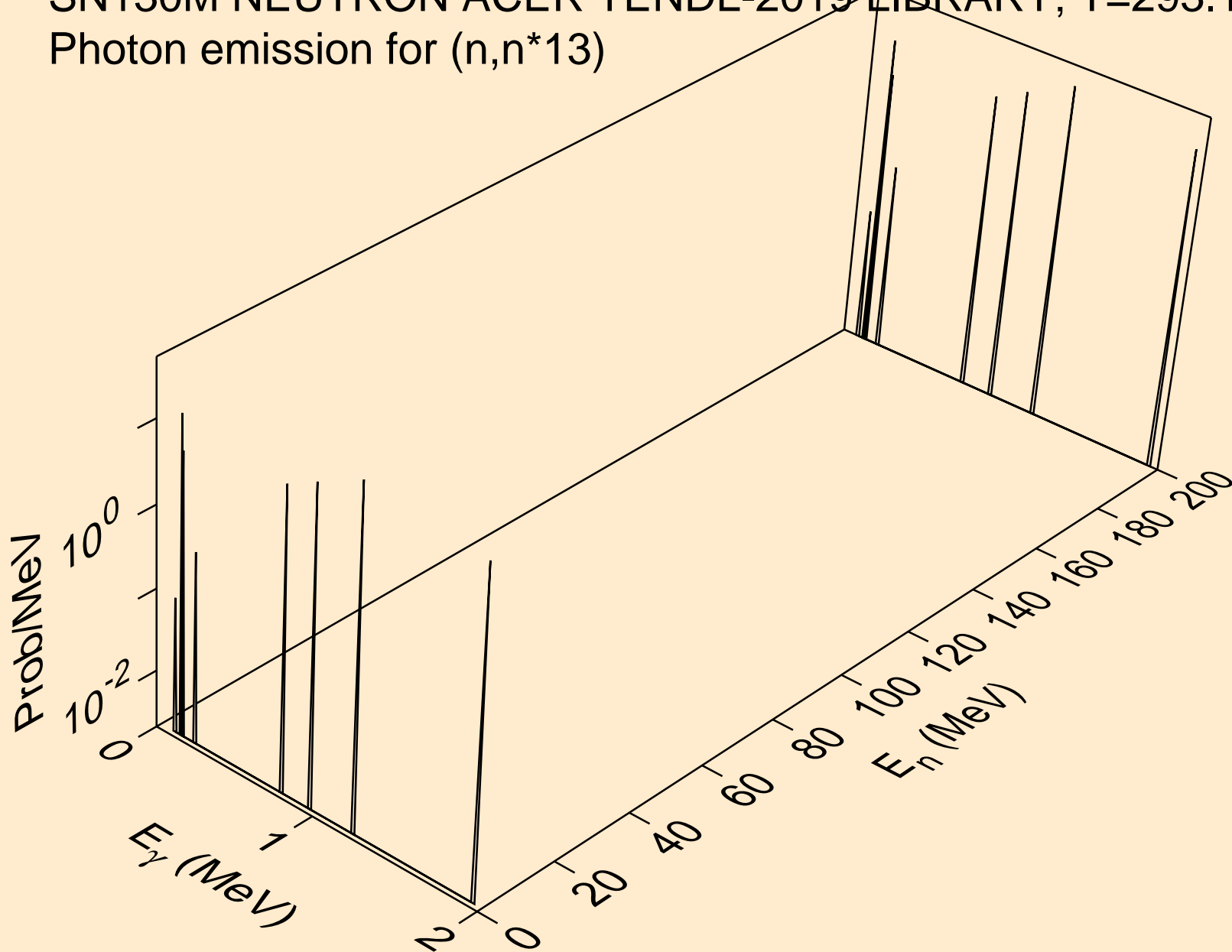


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*12)

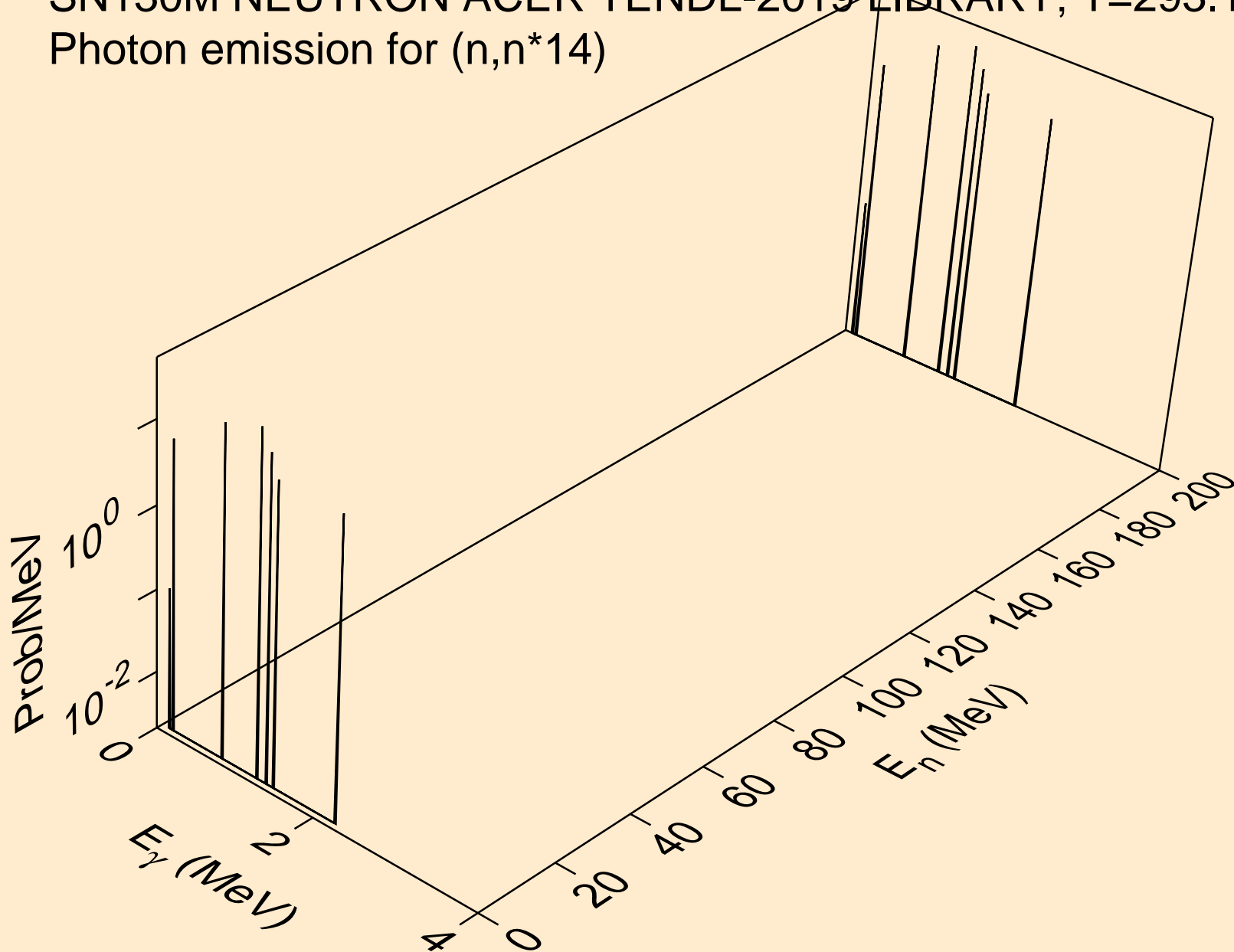




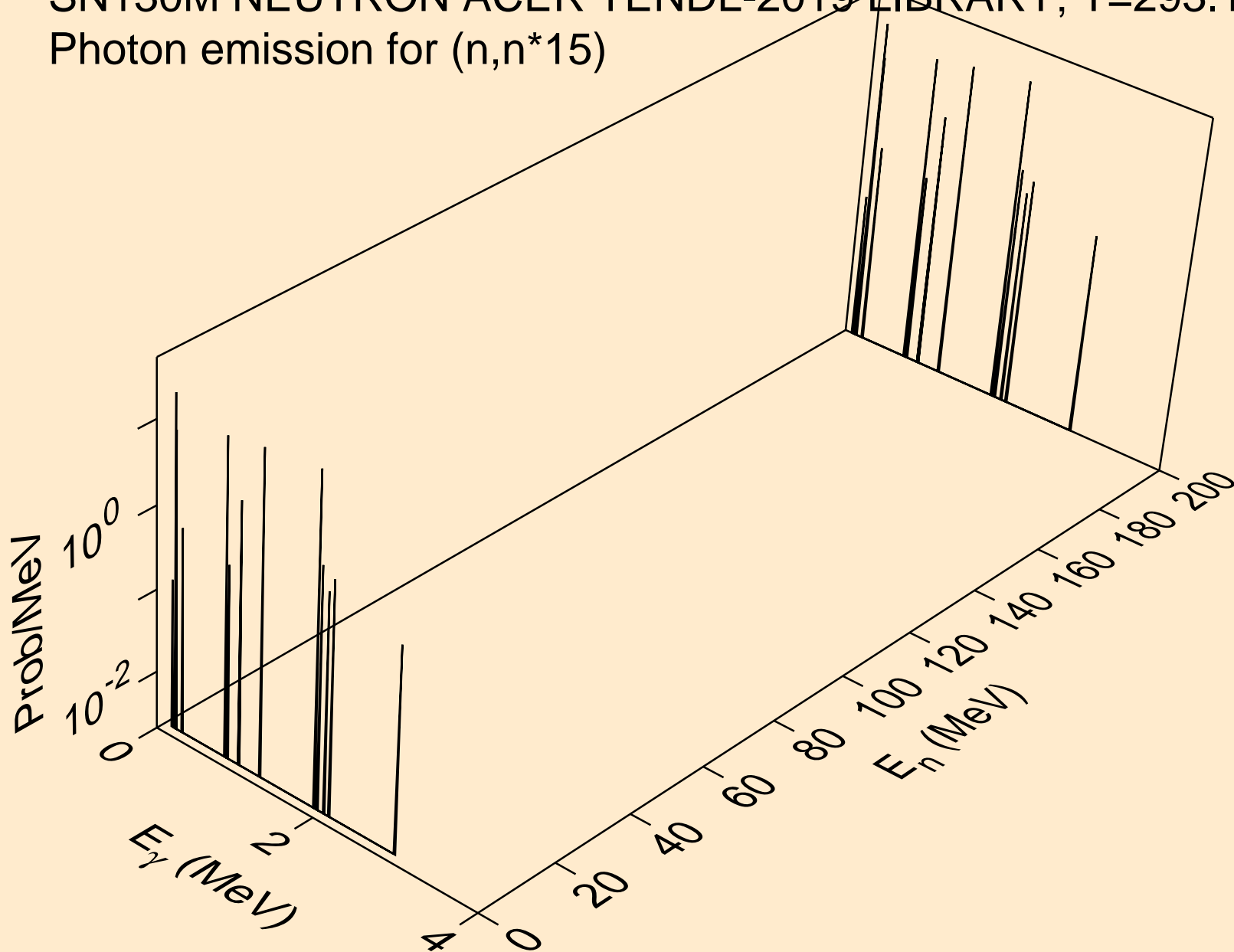
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*13)



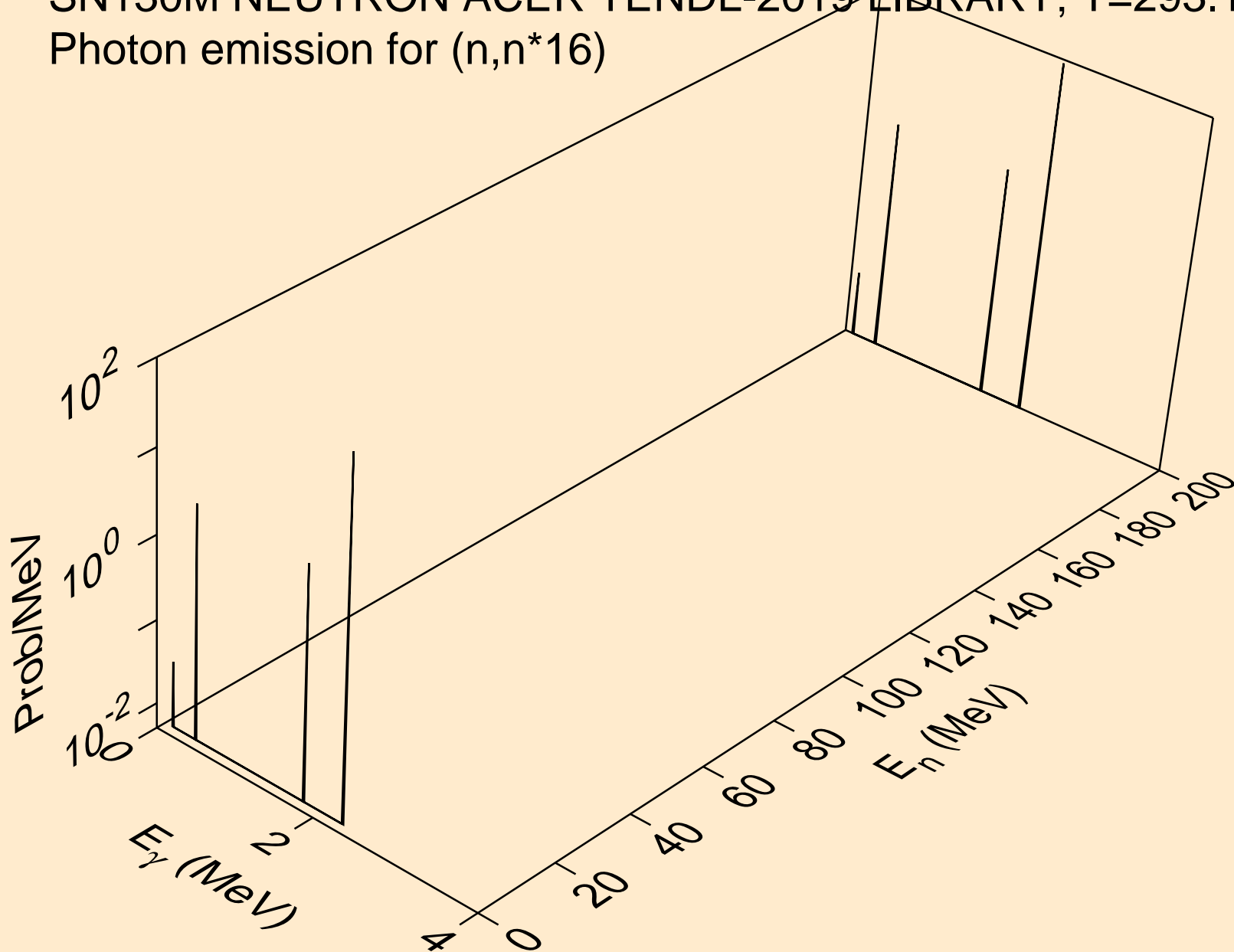
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*14)



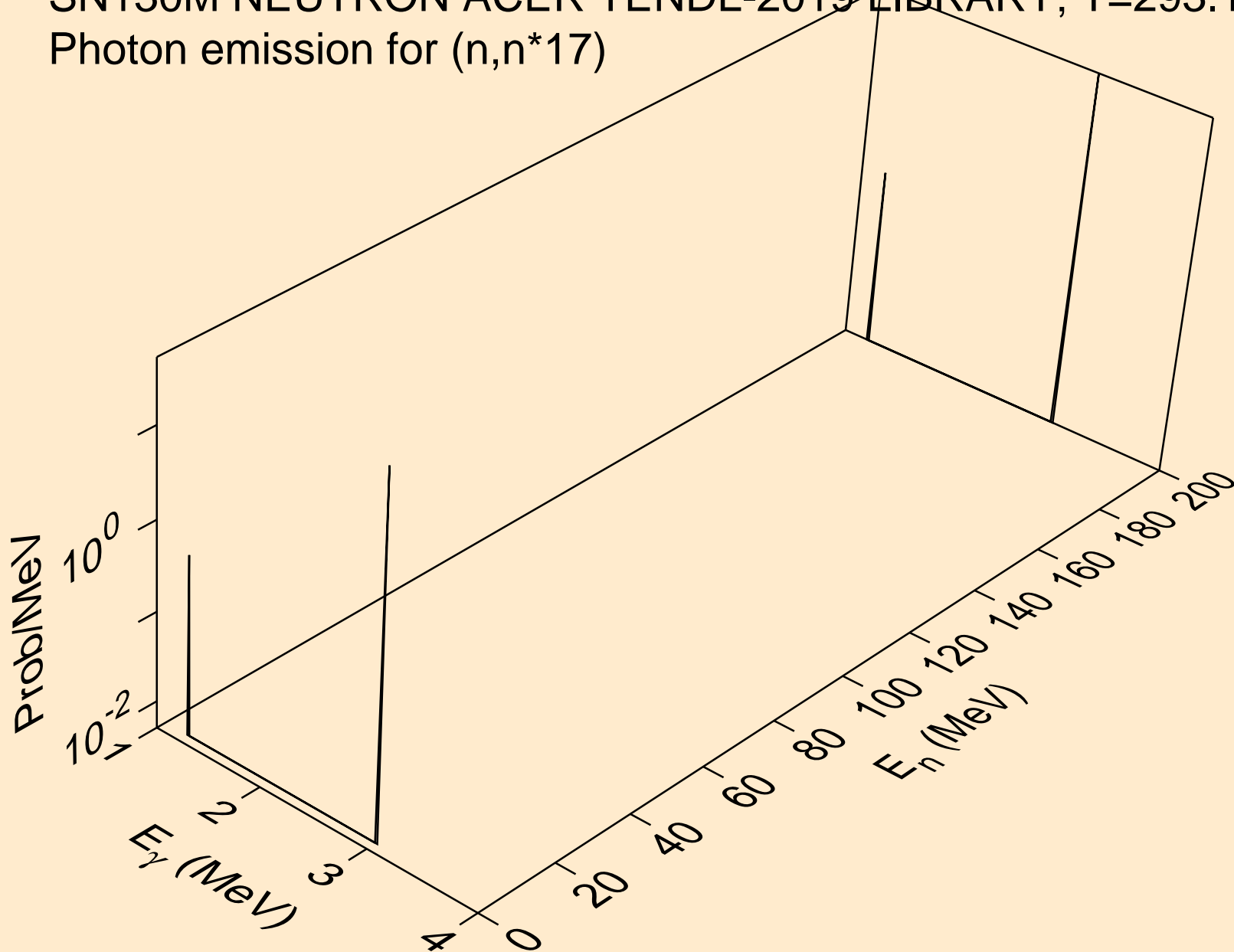
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Photon emission for (n,n\*15)



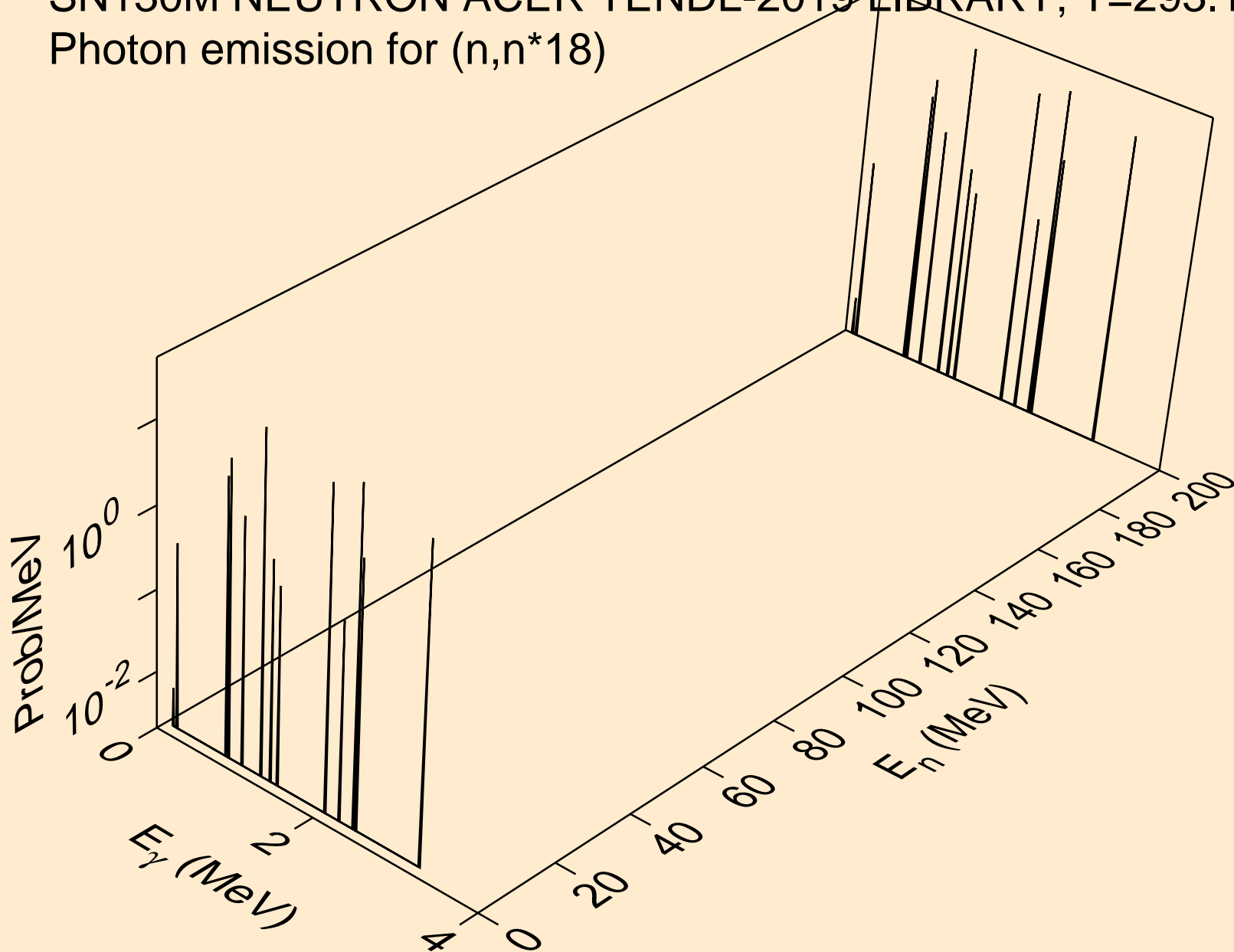
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Photon emission for (n,n\*16)



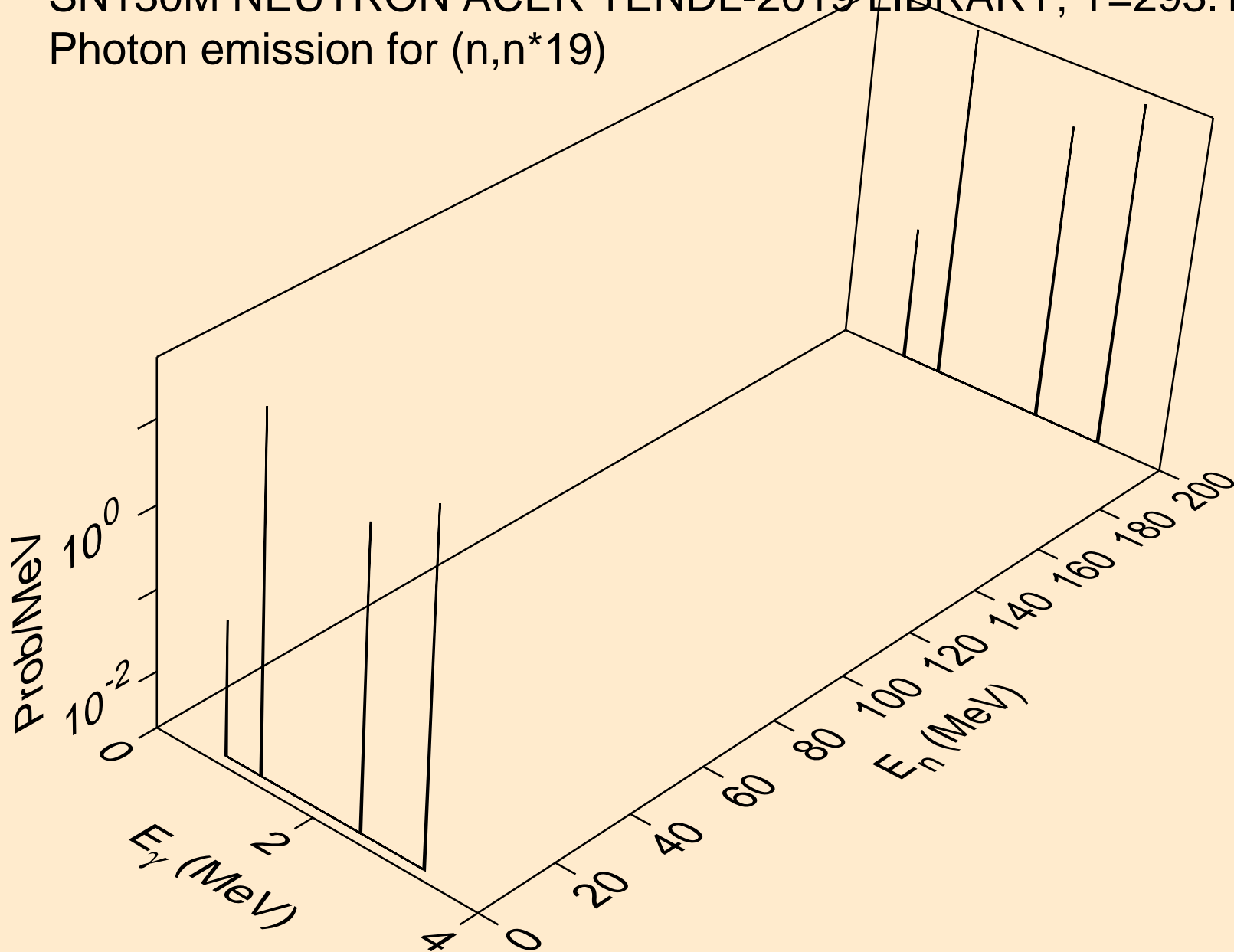
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Photon emission for (n,n\*17)



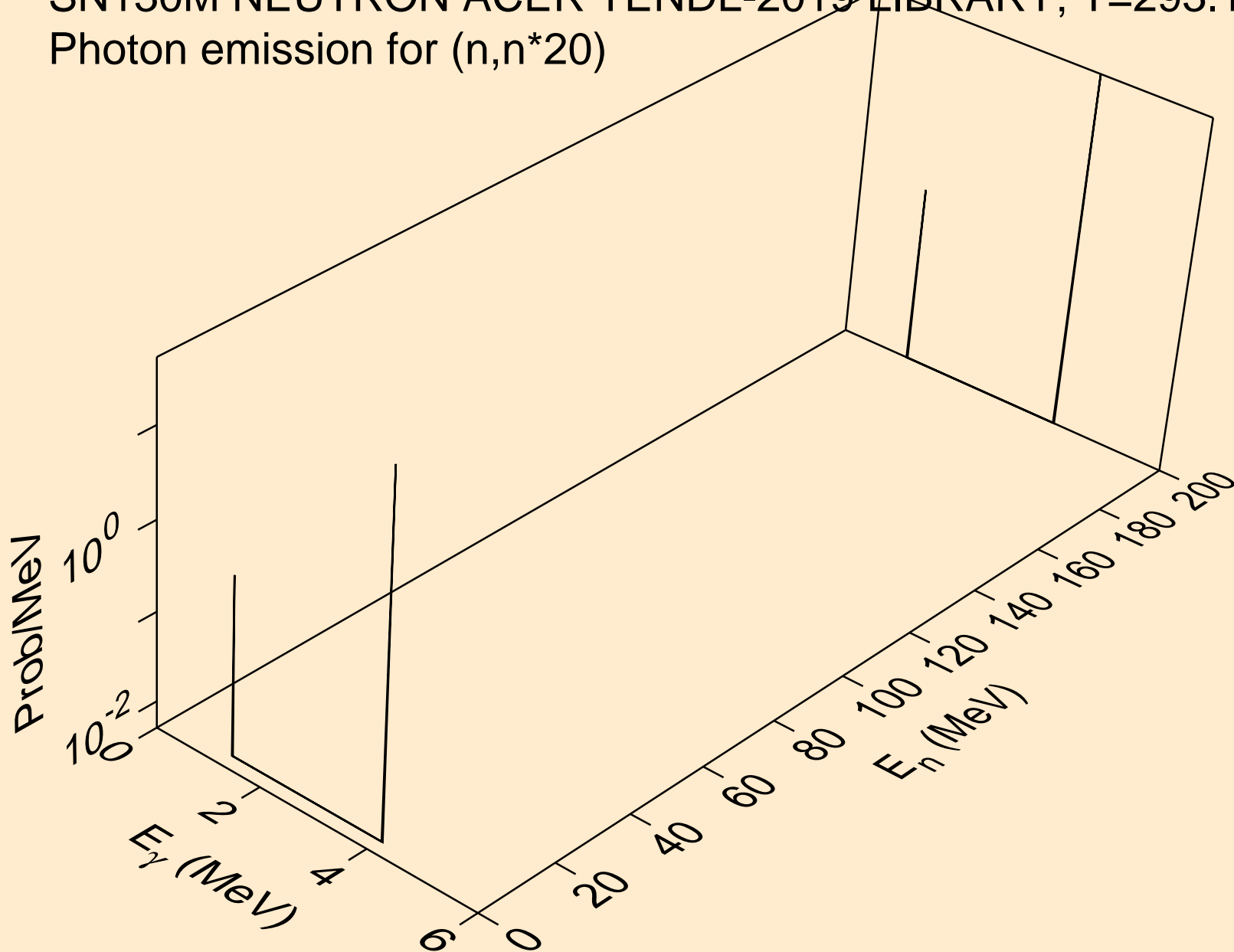
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*18)



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*19)

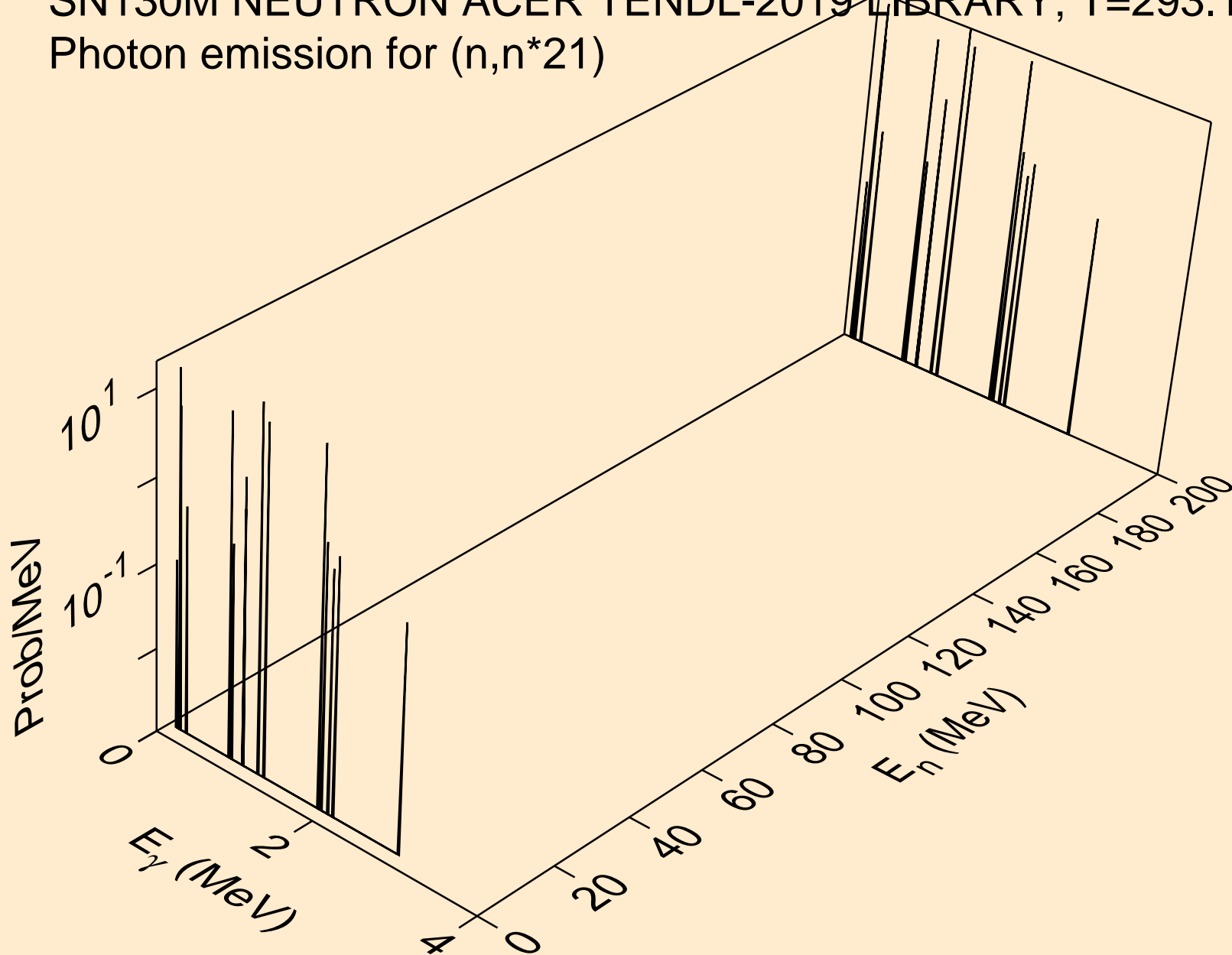


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*20)

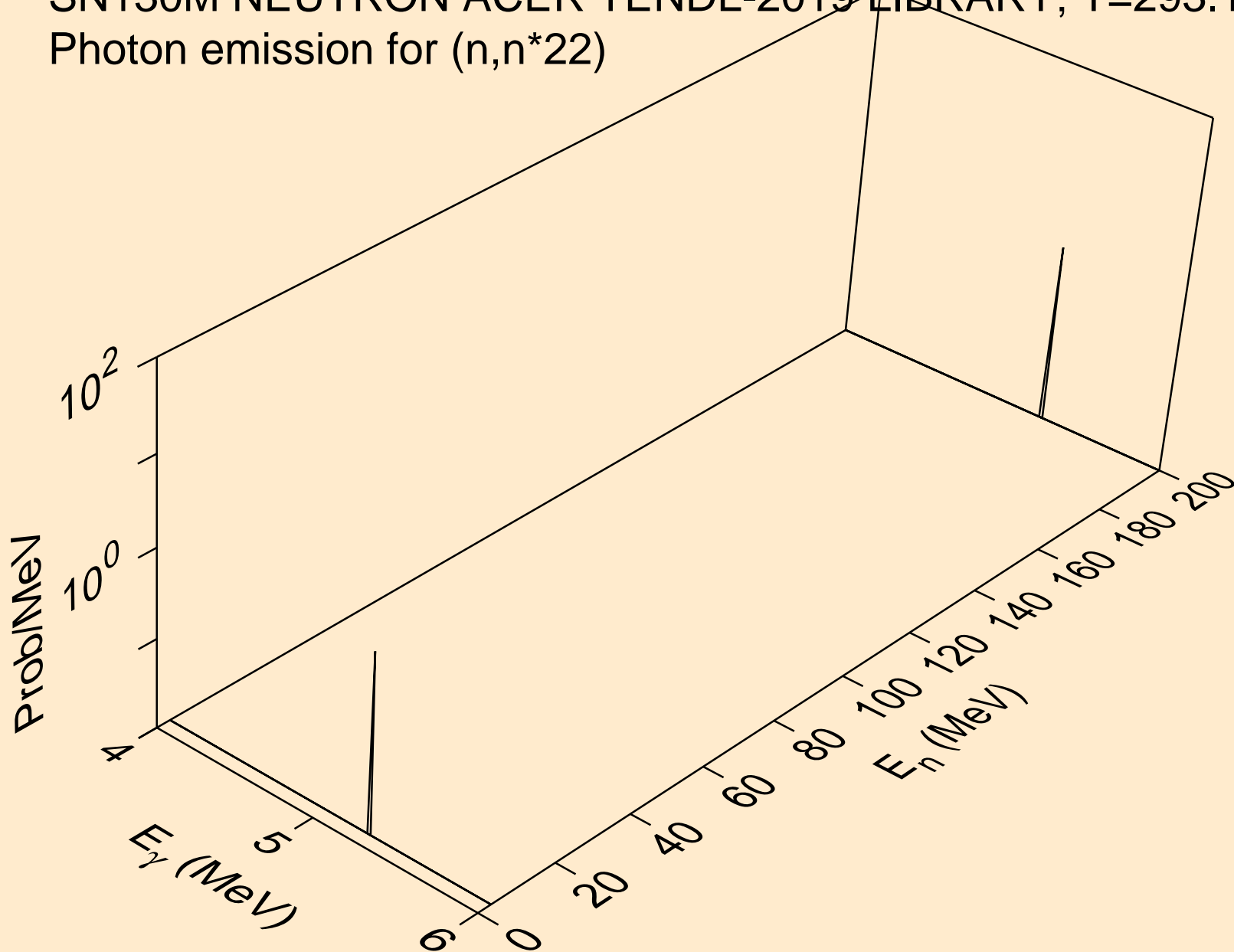




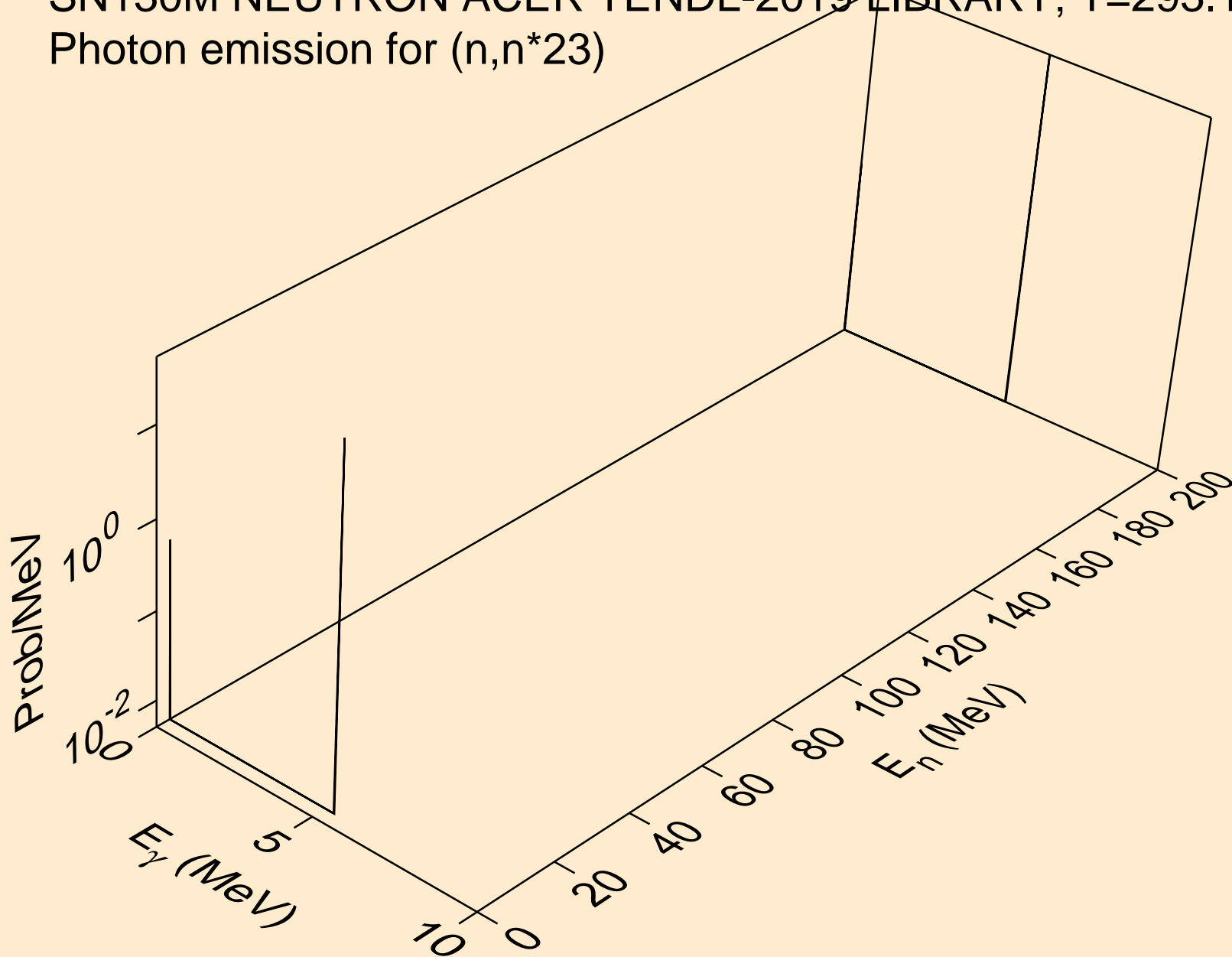
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*21)



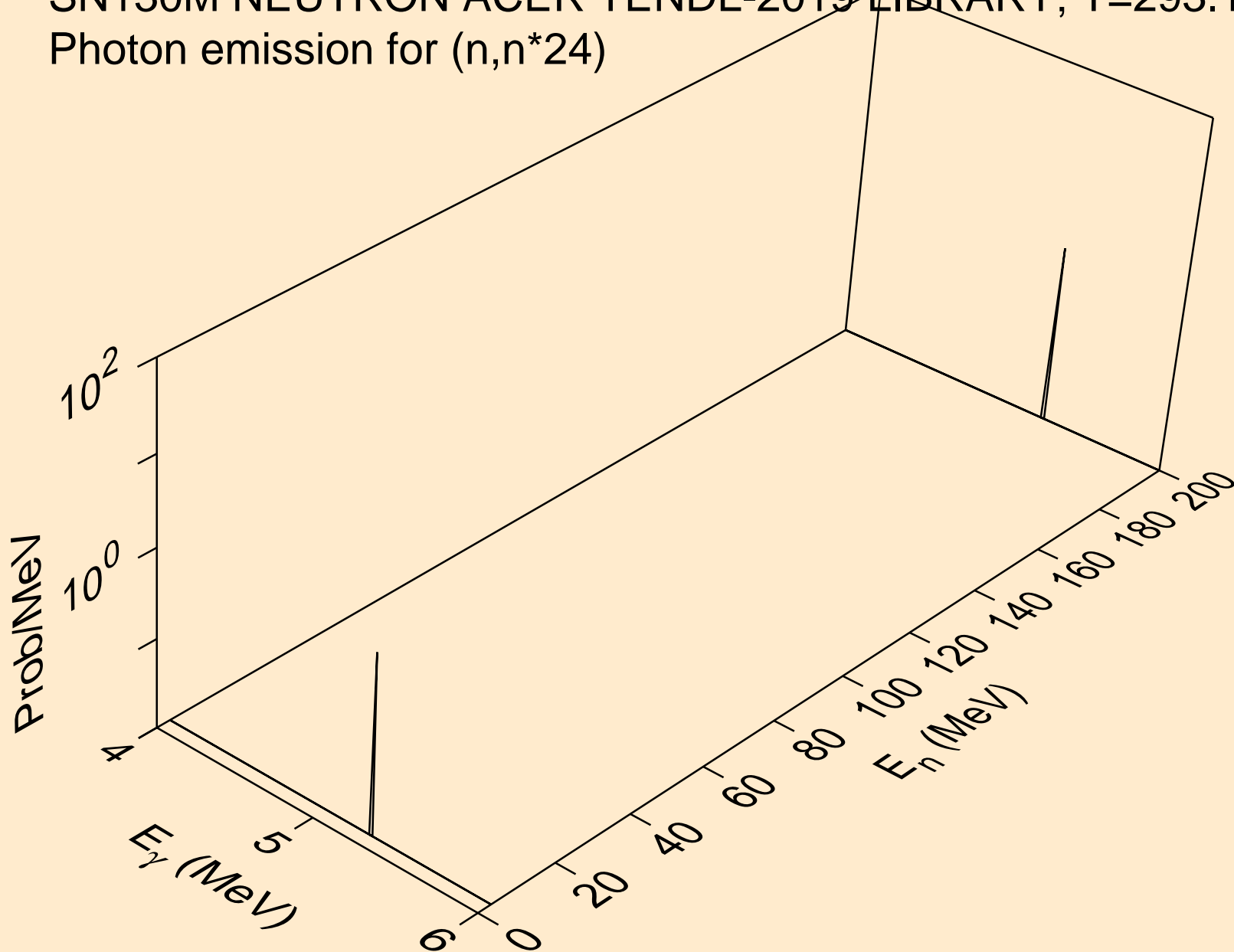
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*22)



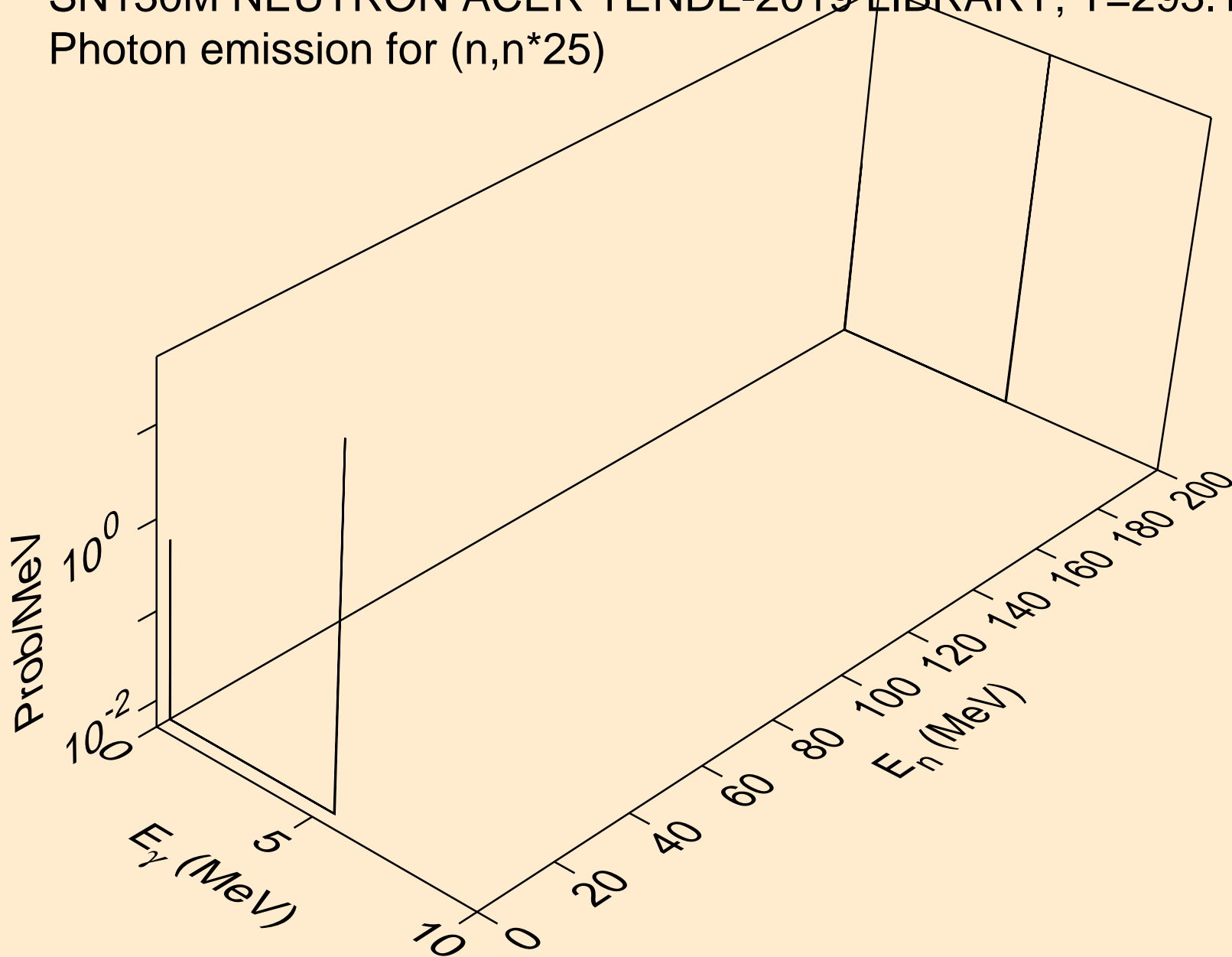
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*23)



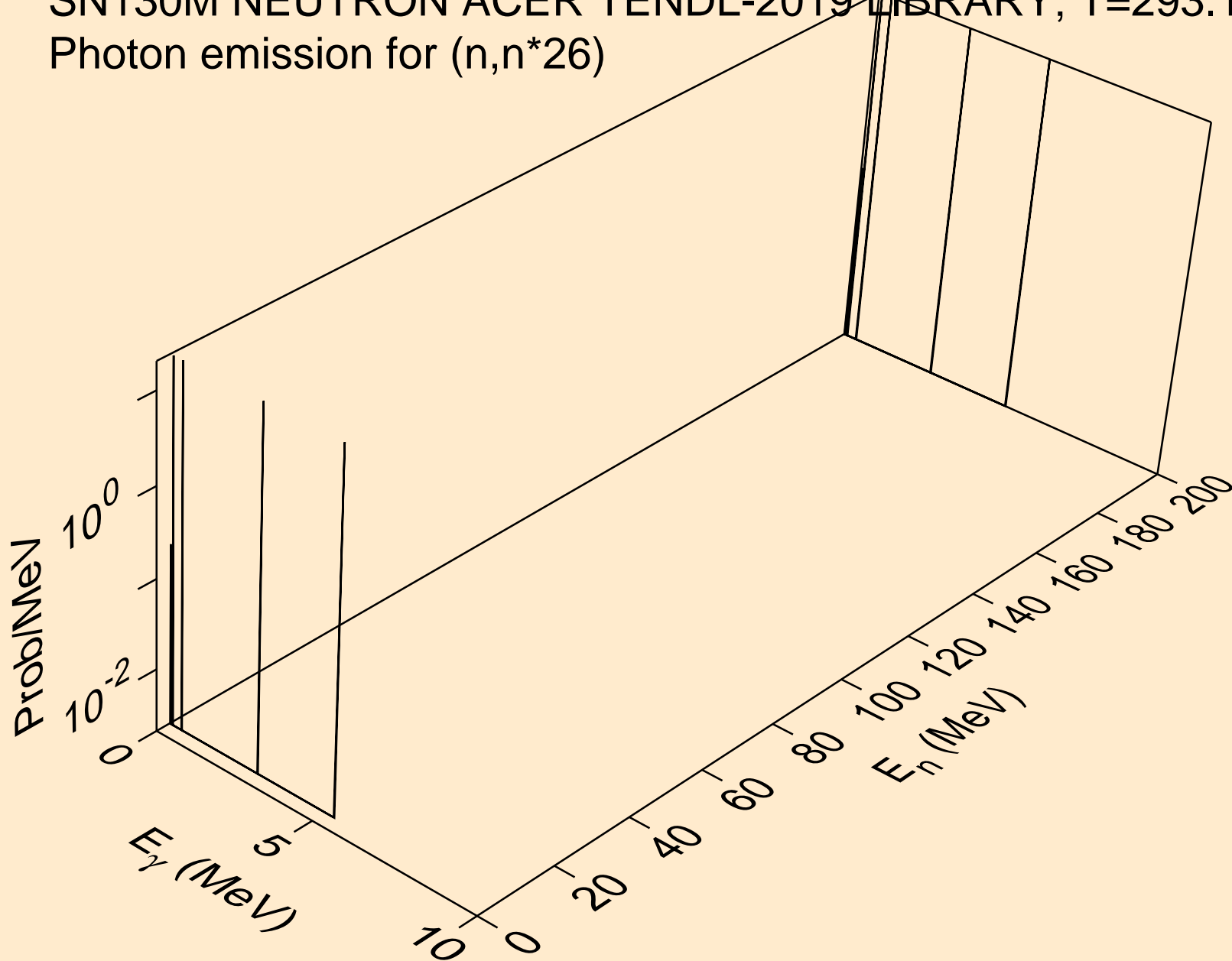
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*24)



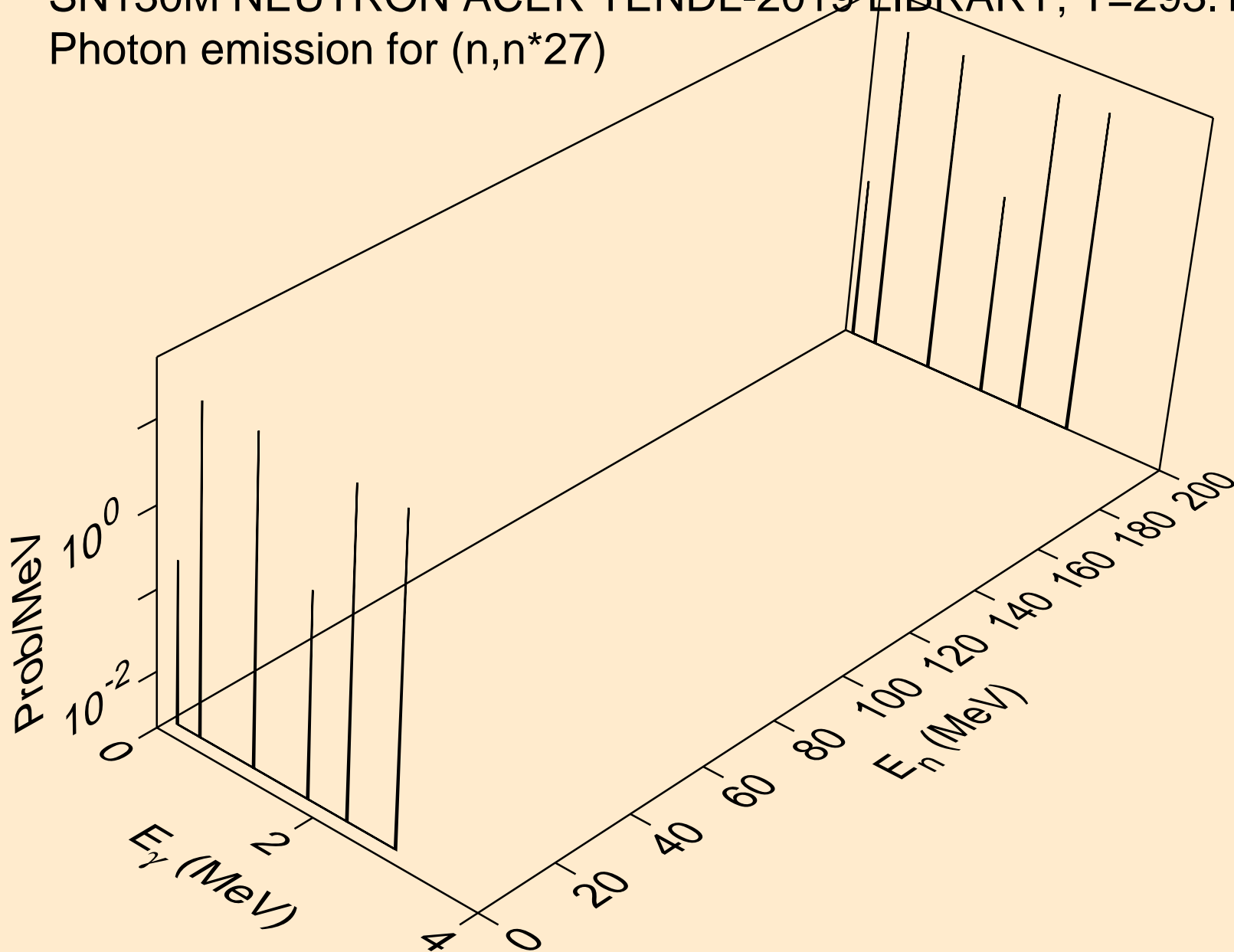
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Photon emission for (n,n\*25)



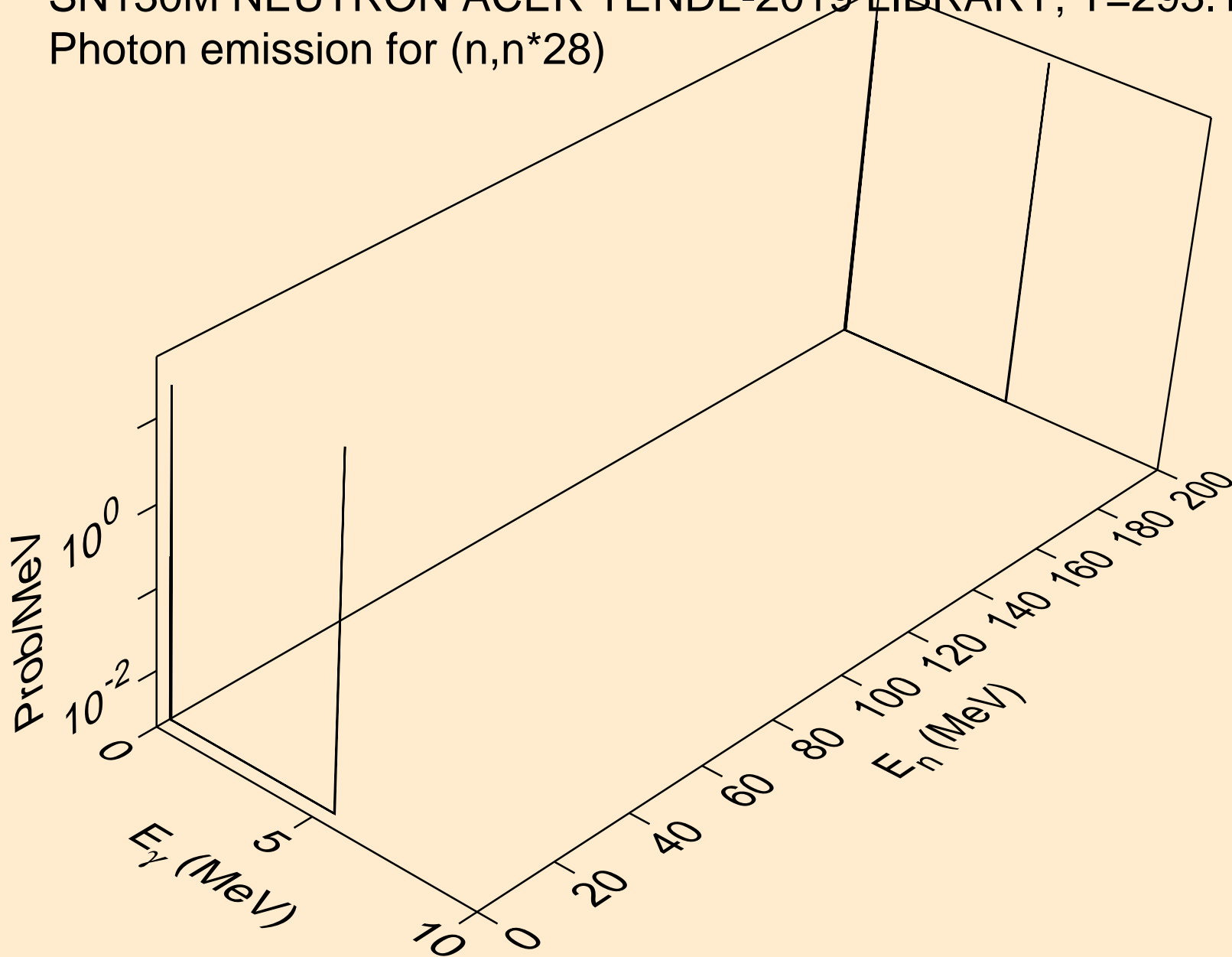
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*26)



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*27)

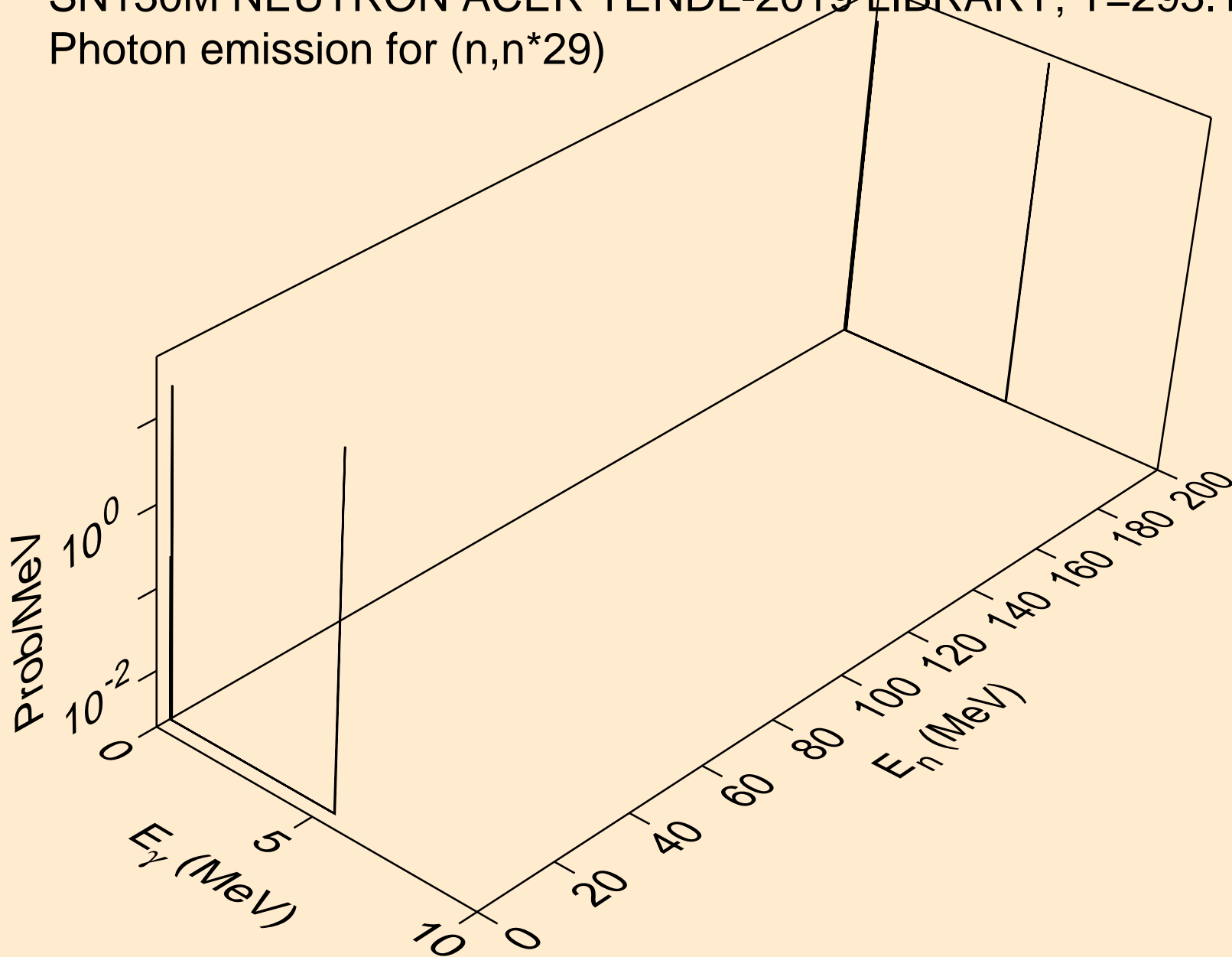


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*28)

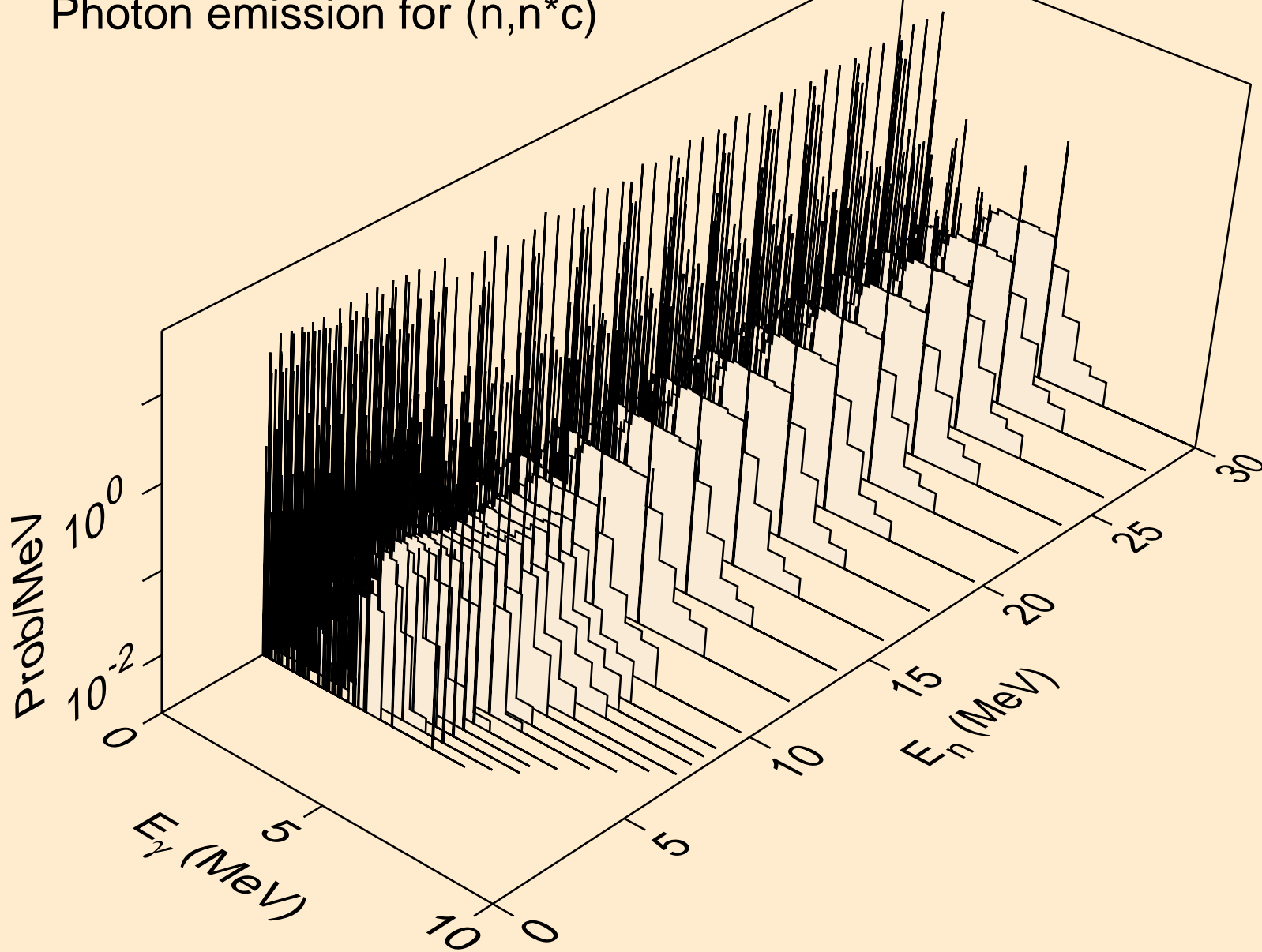




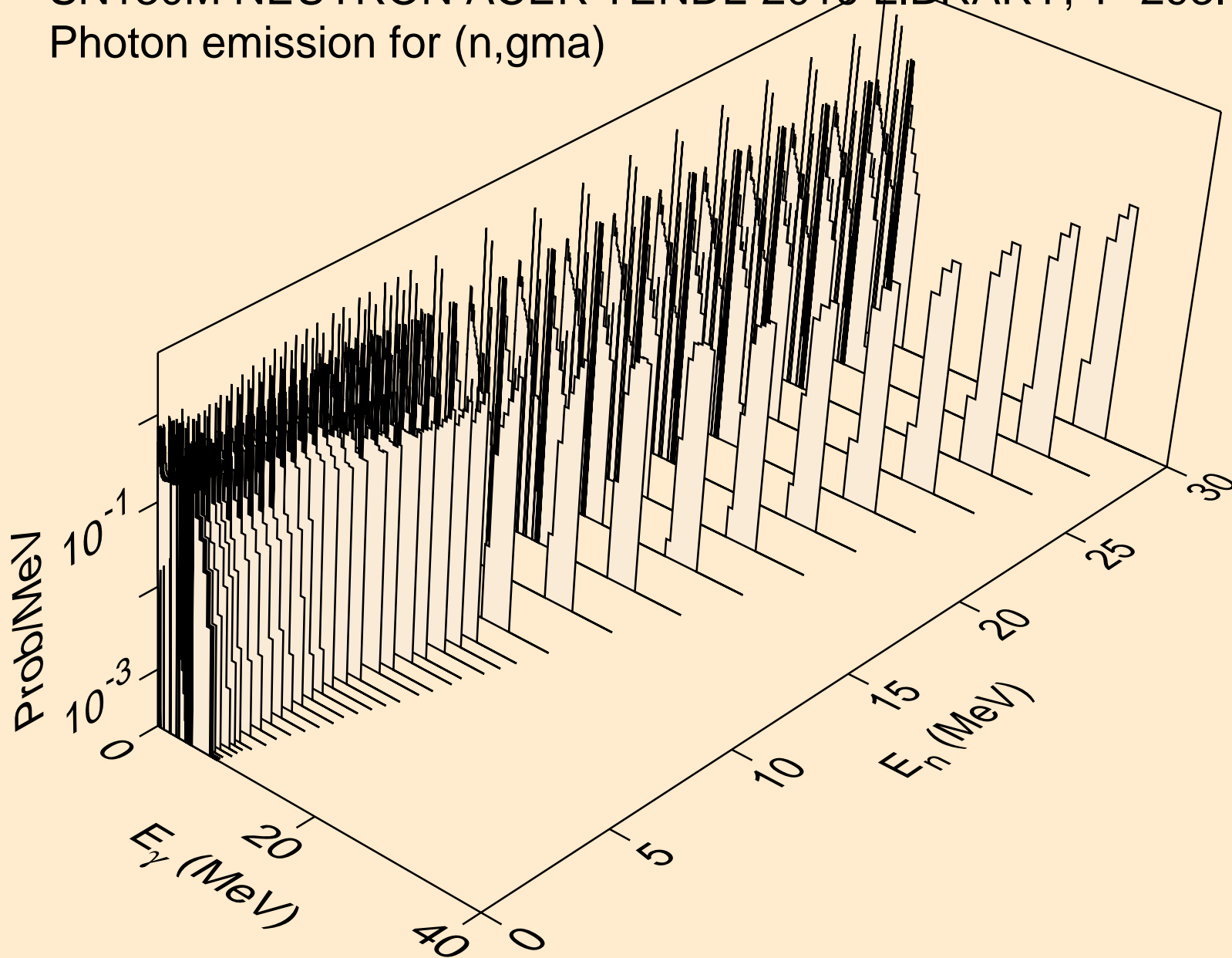
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*29)



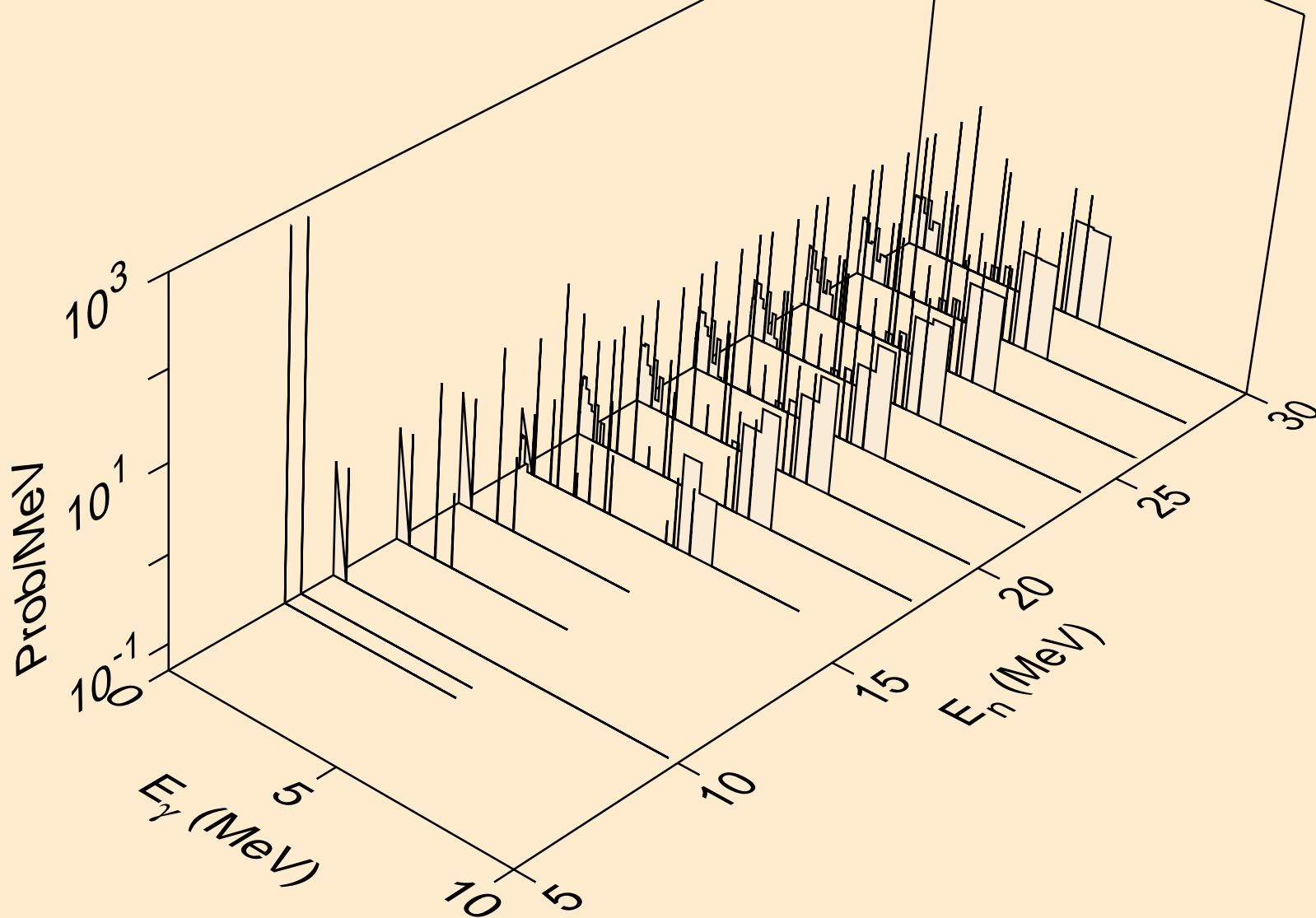
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



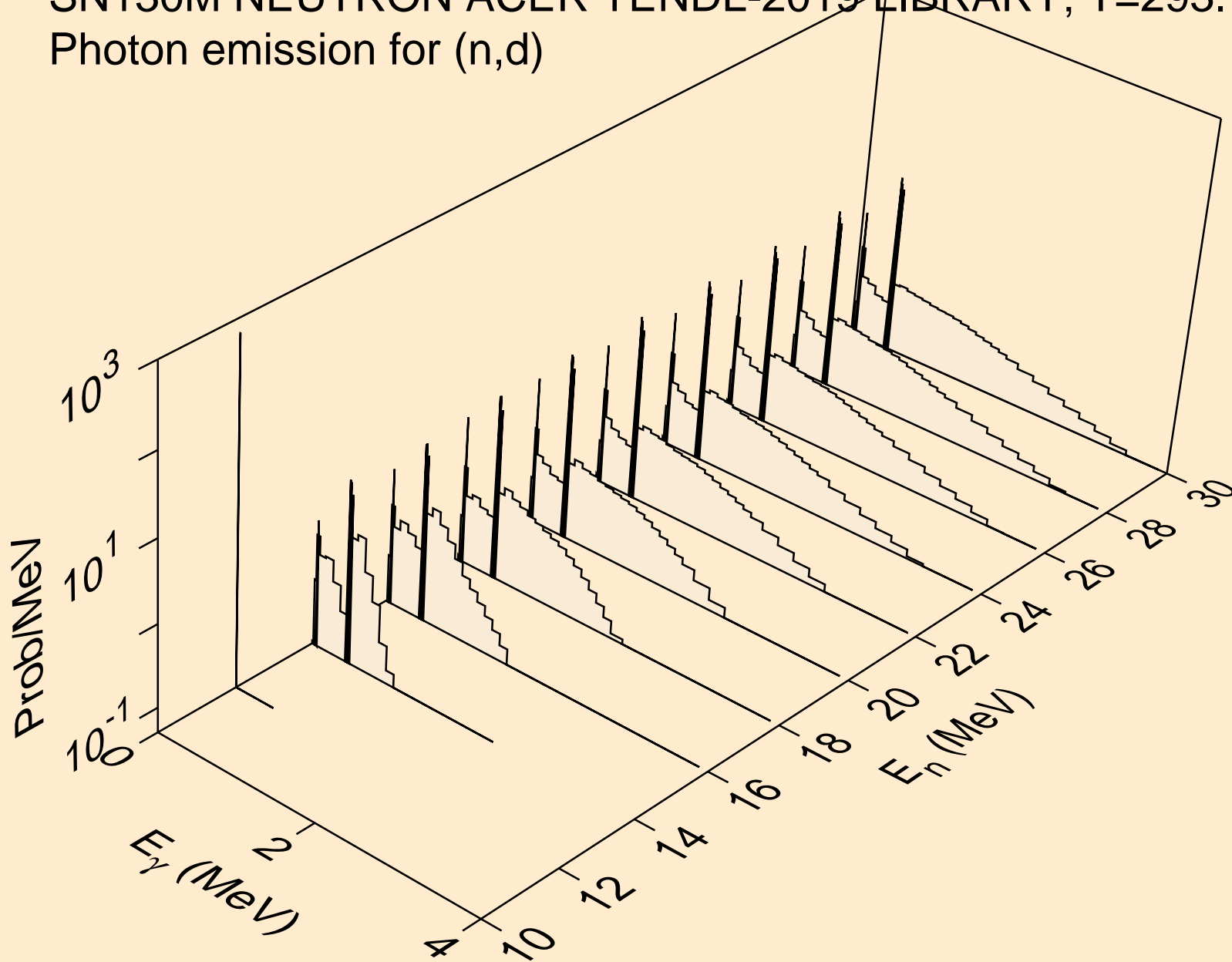
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



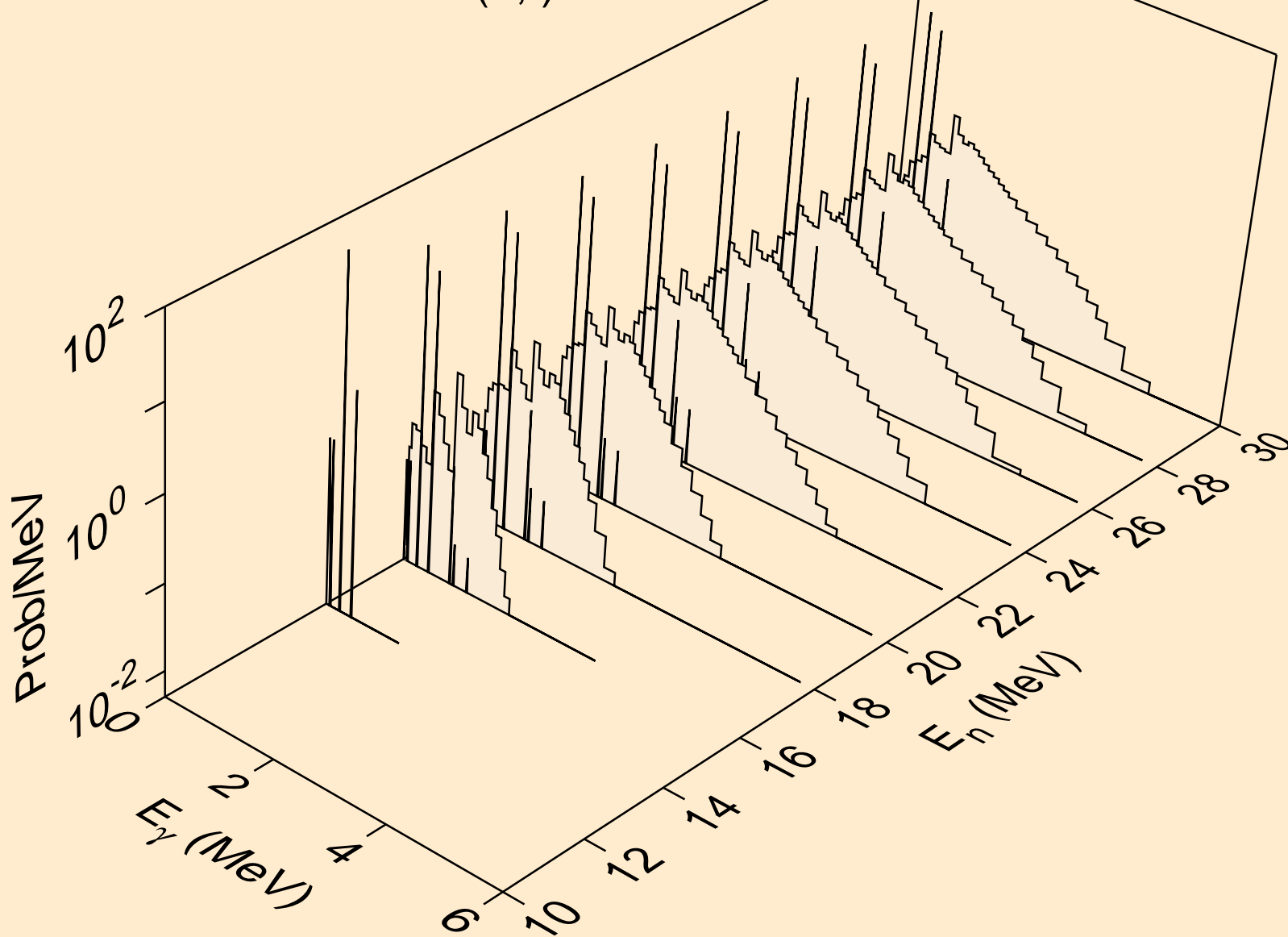
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



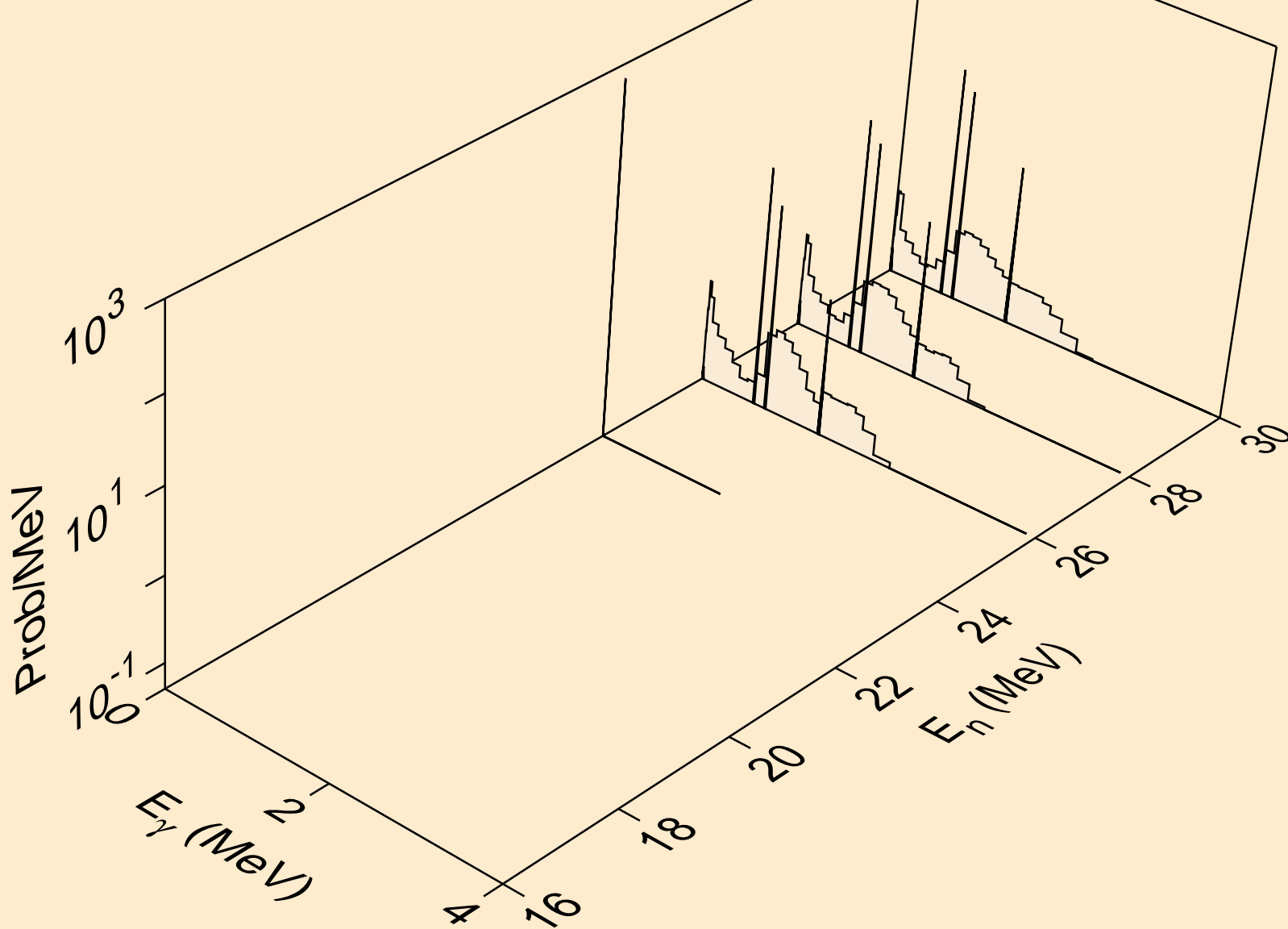
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



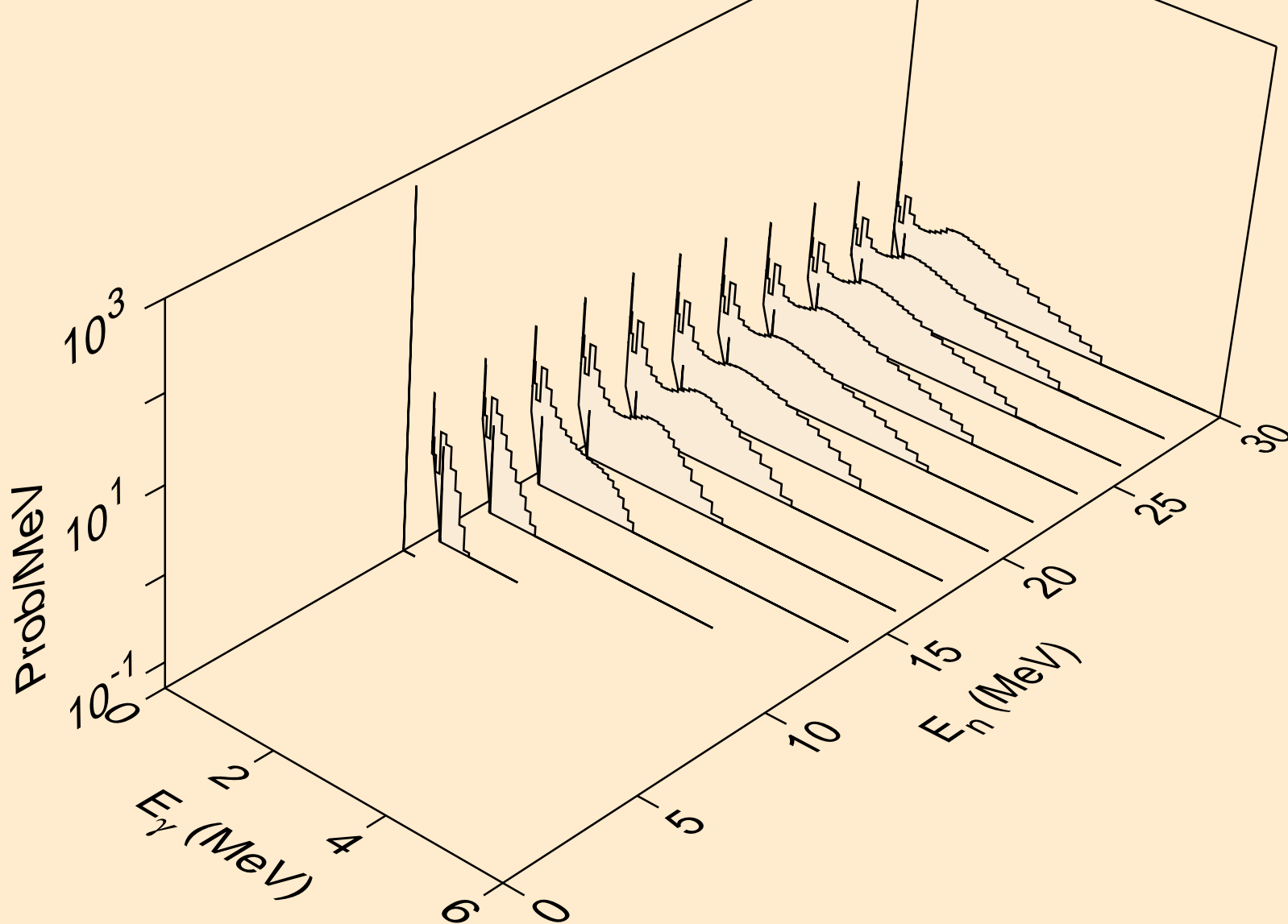
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)

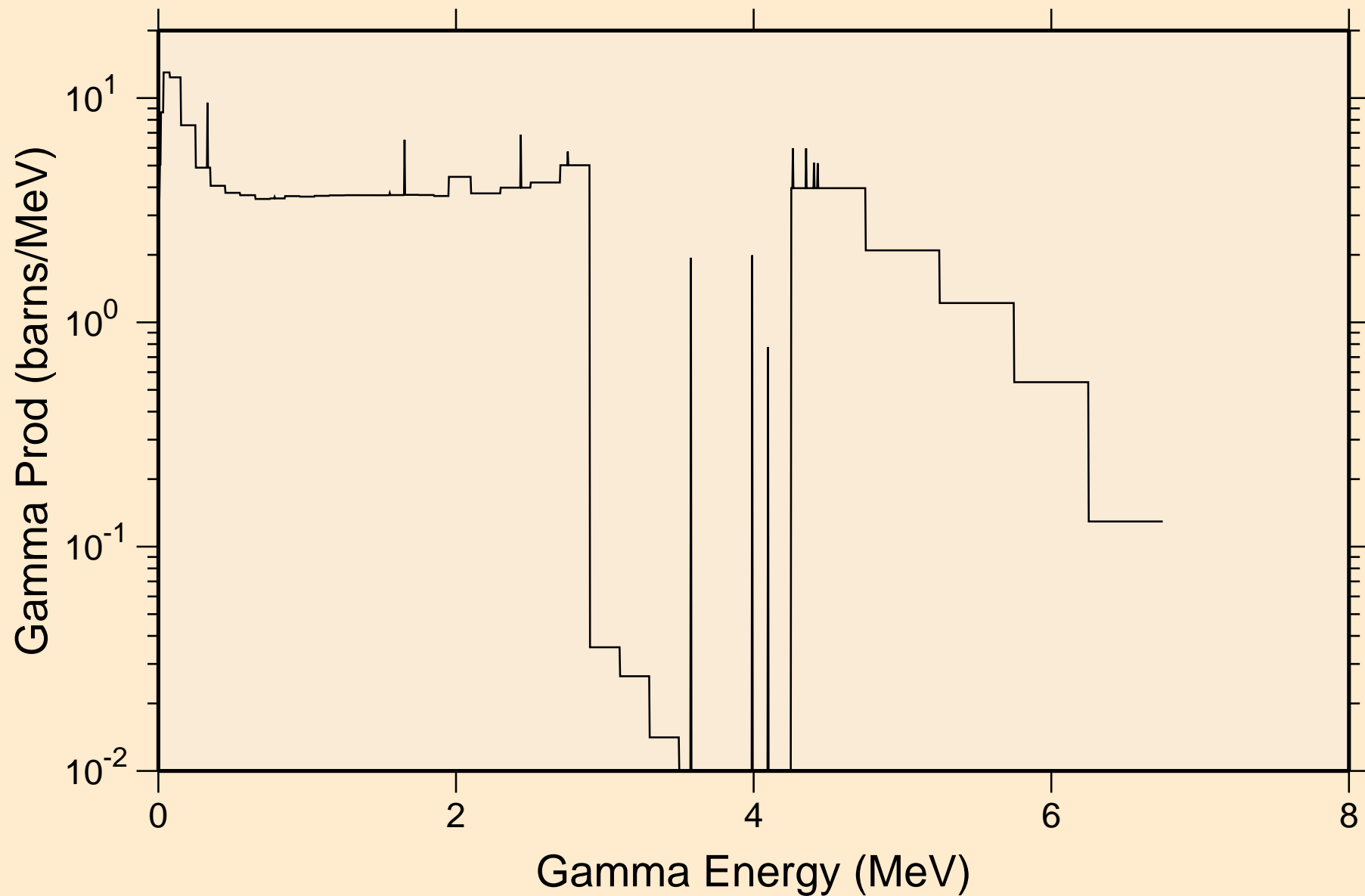


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)

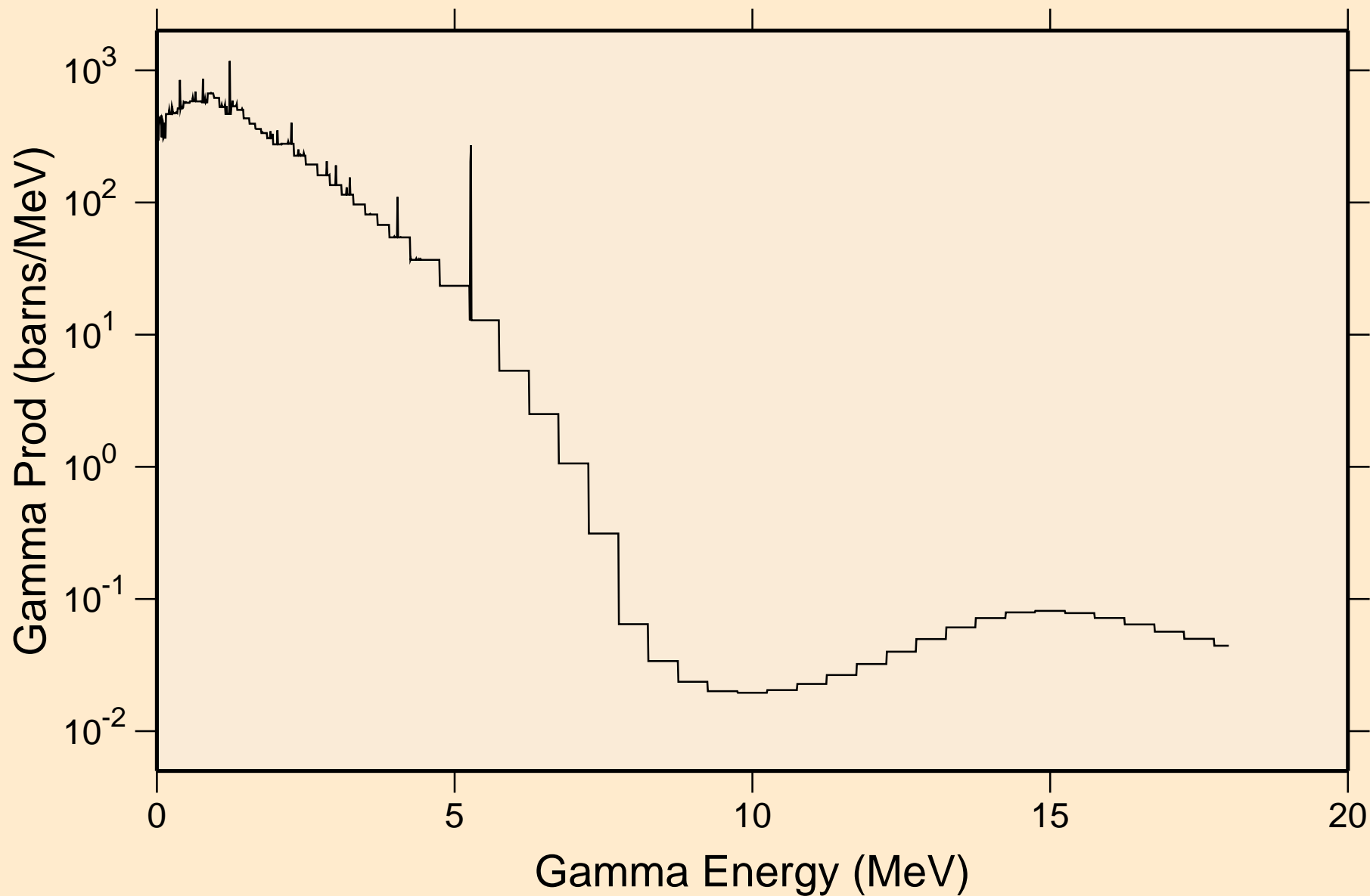




SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

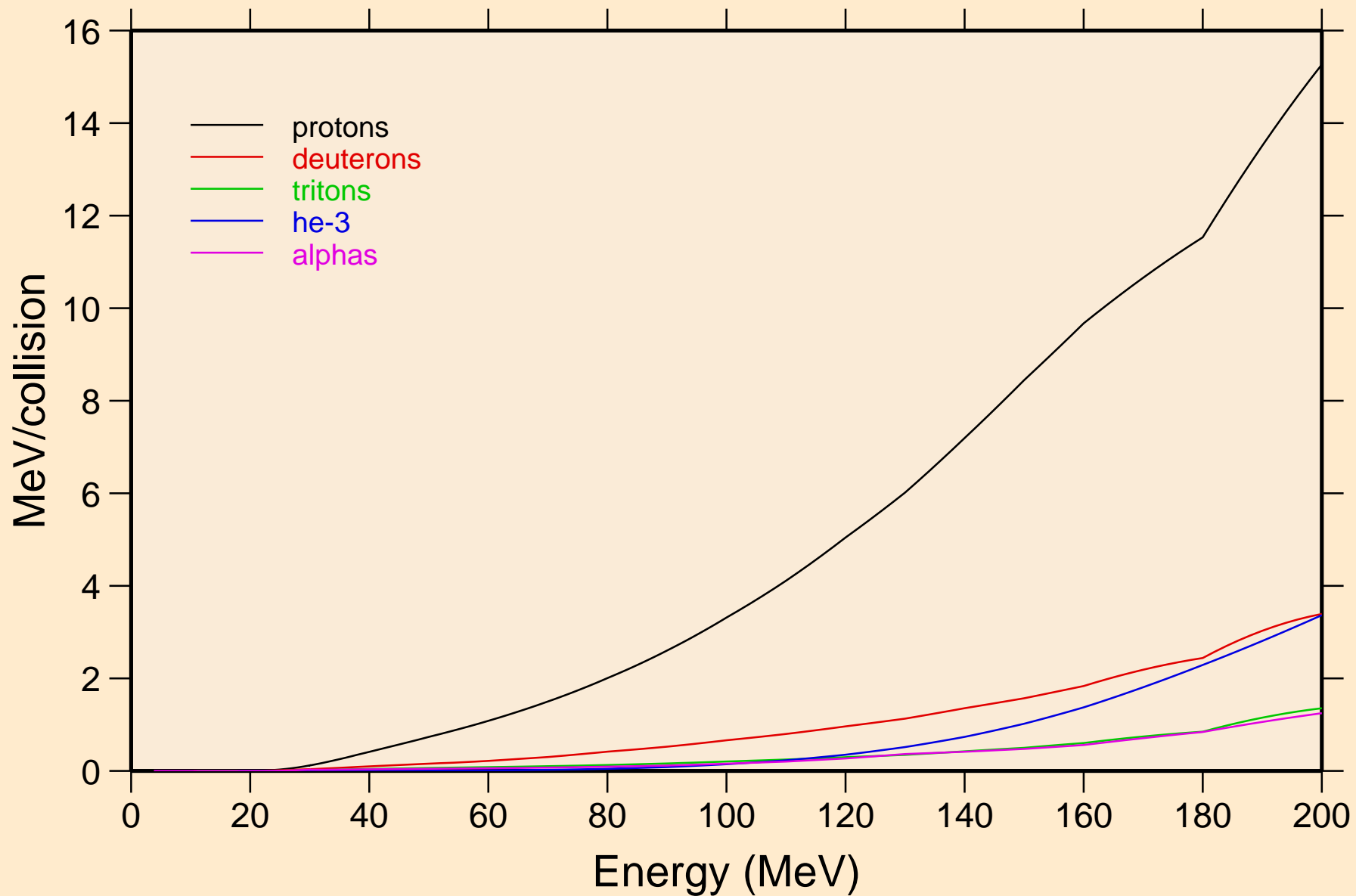


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

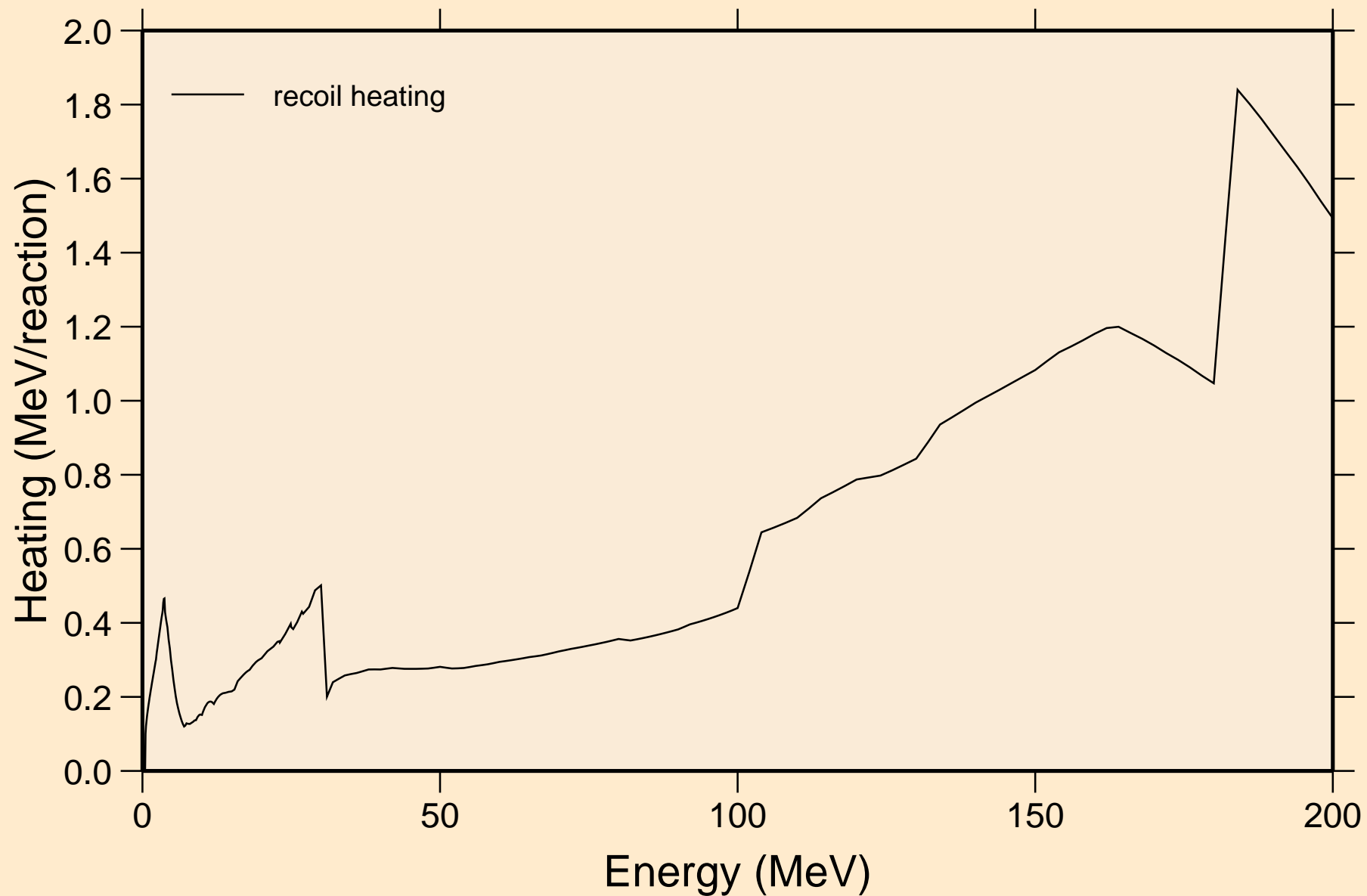


# SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

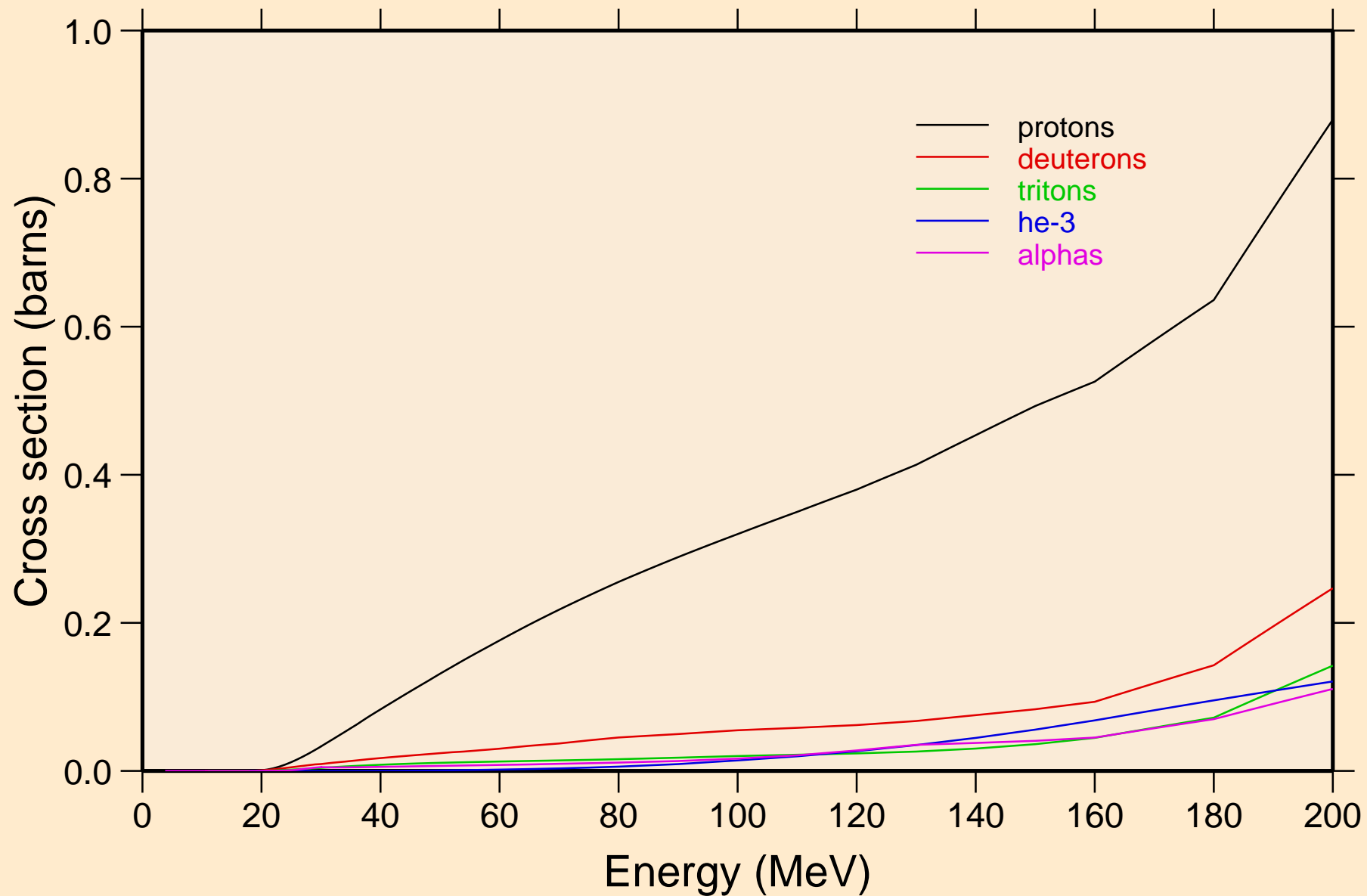
## Particle heating contributions



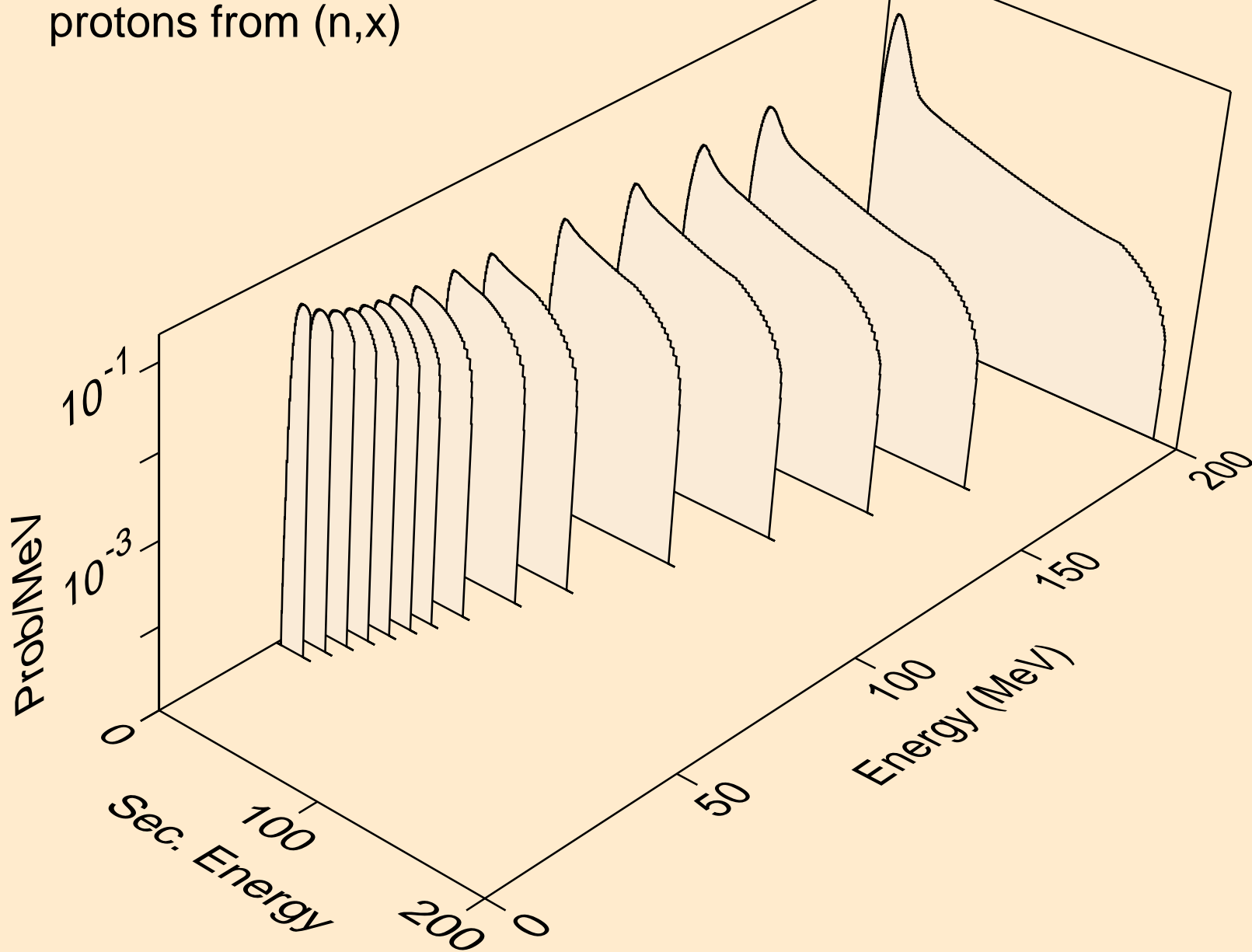
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



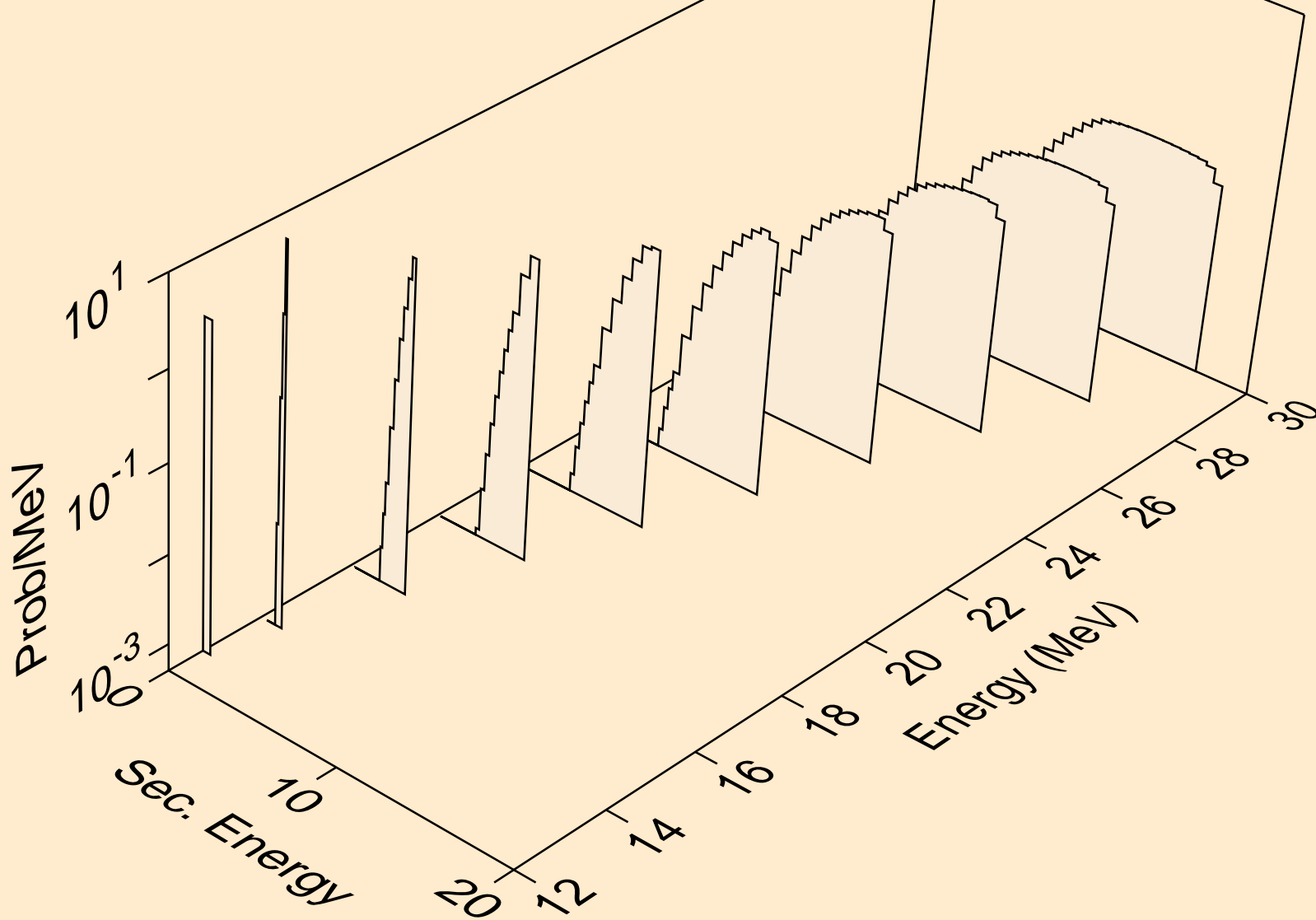
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



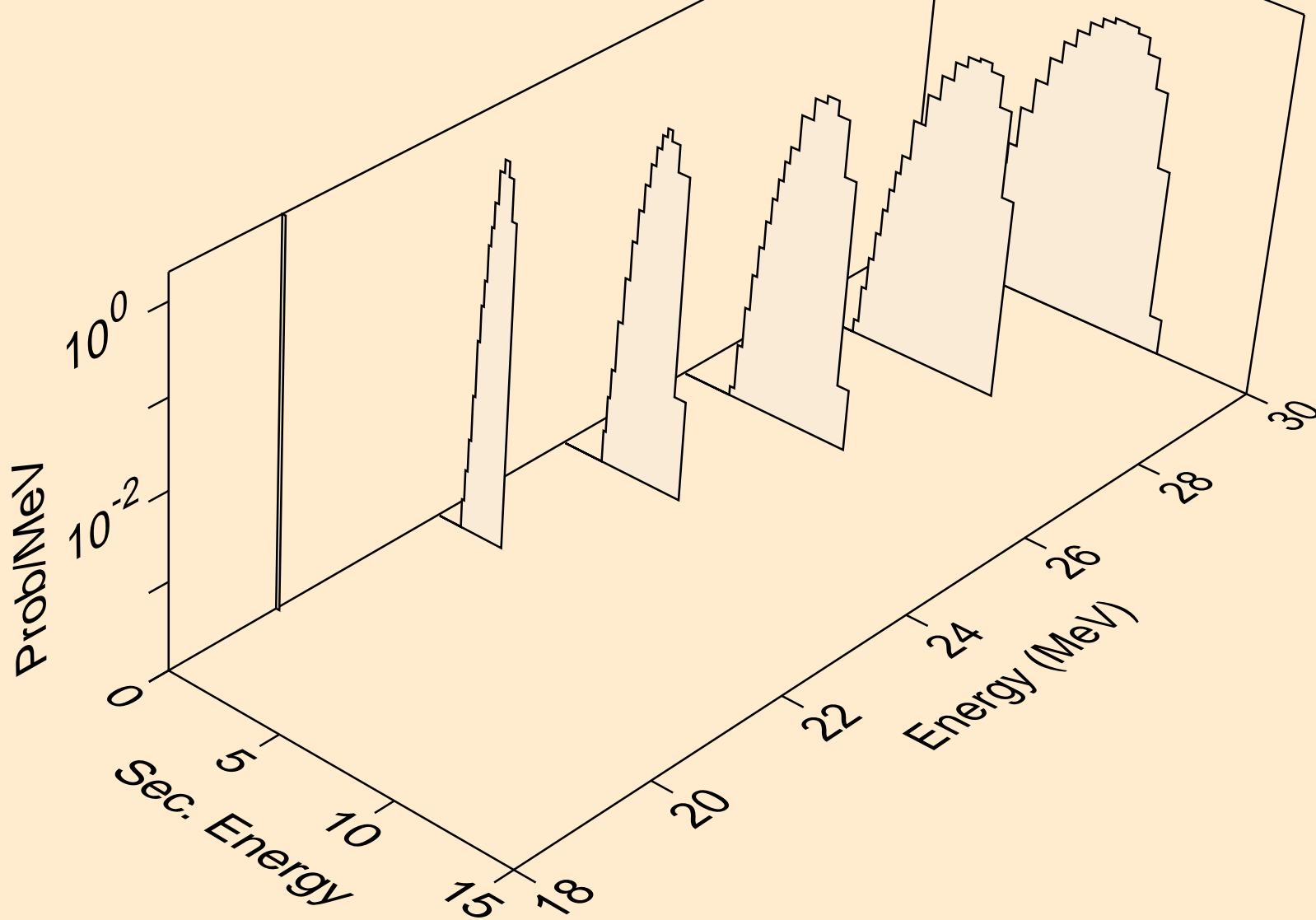
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p

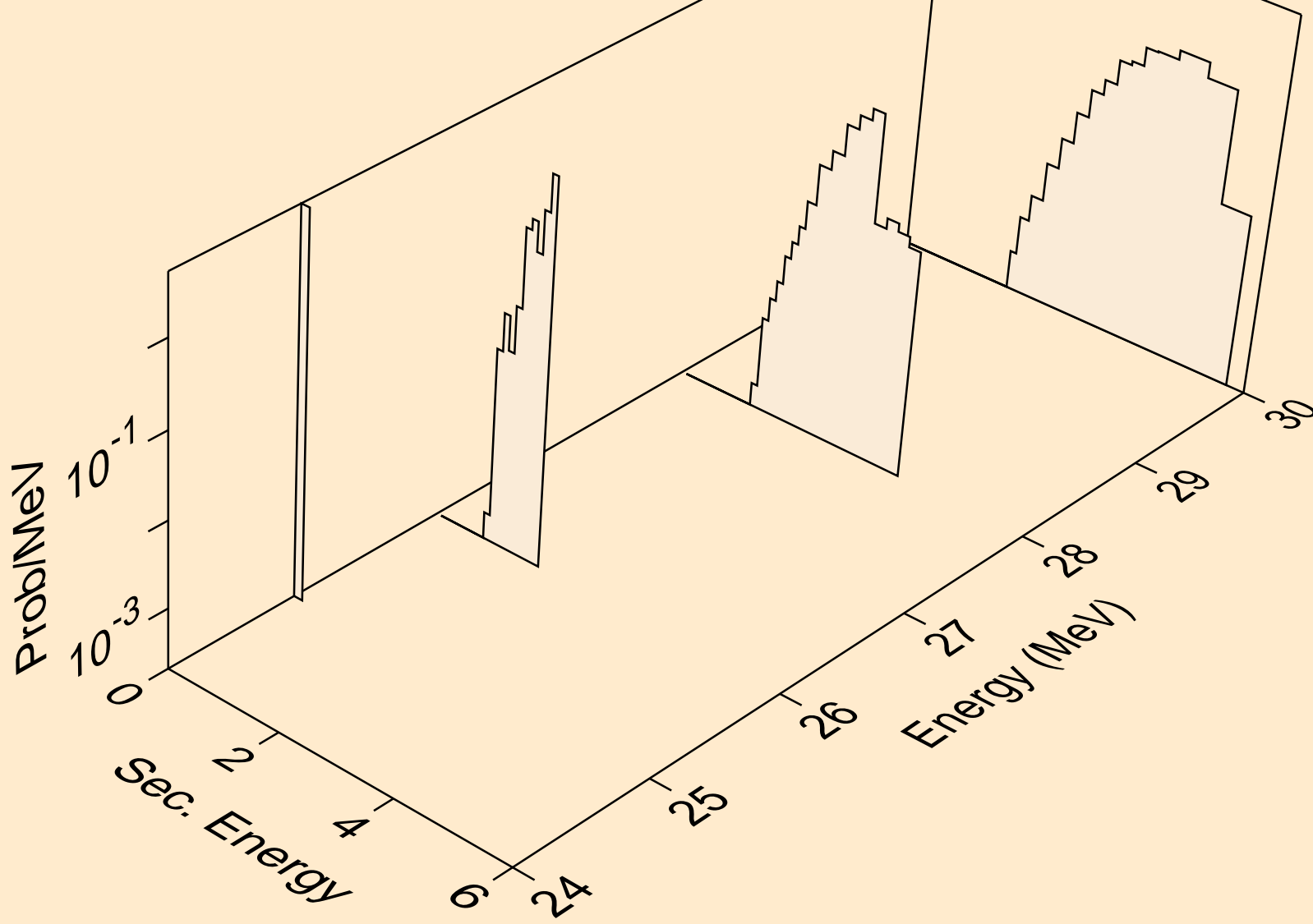


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)

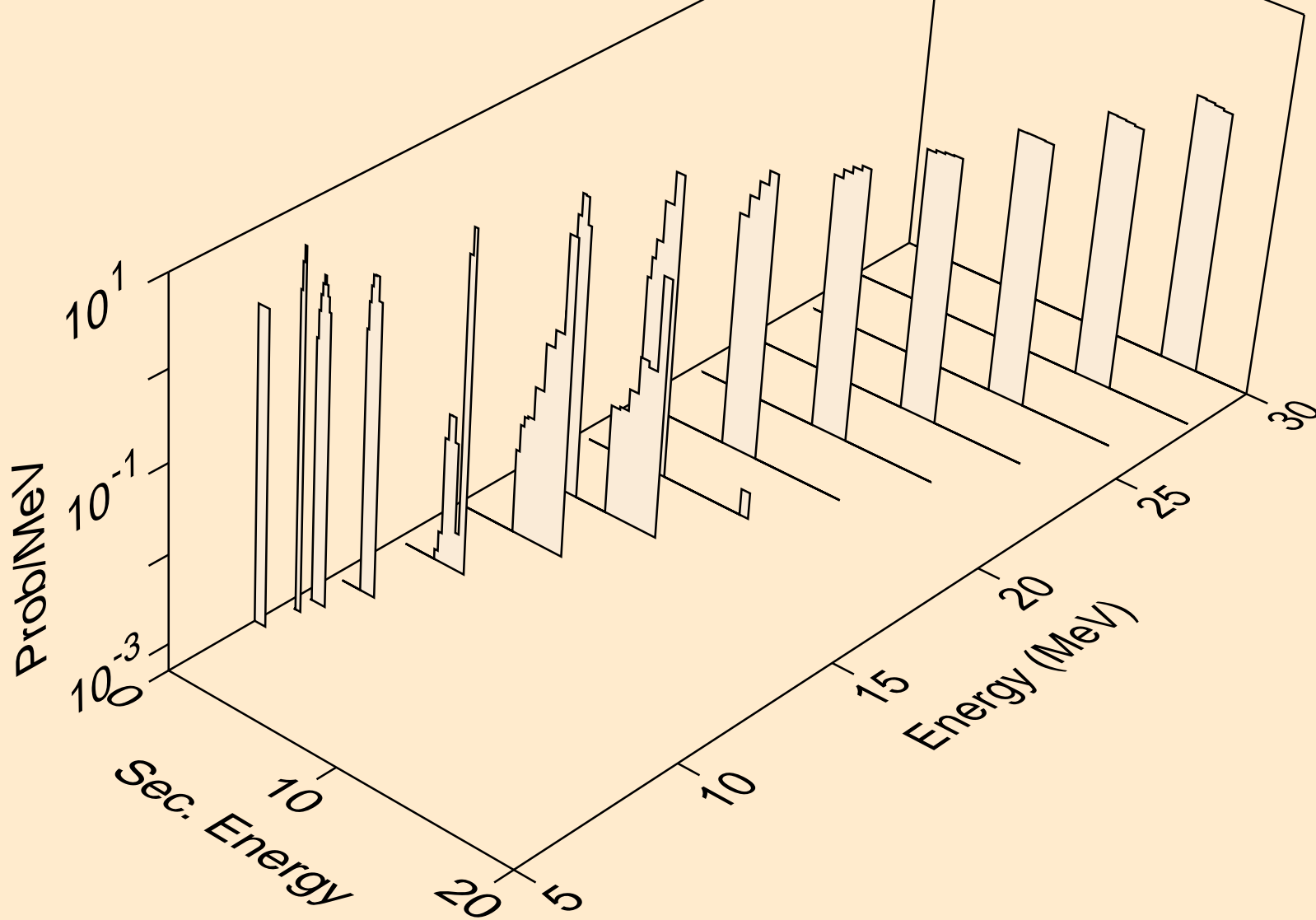




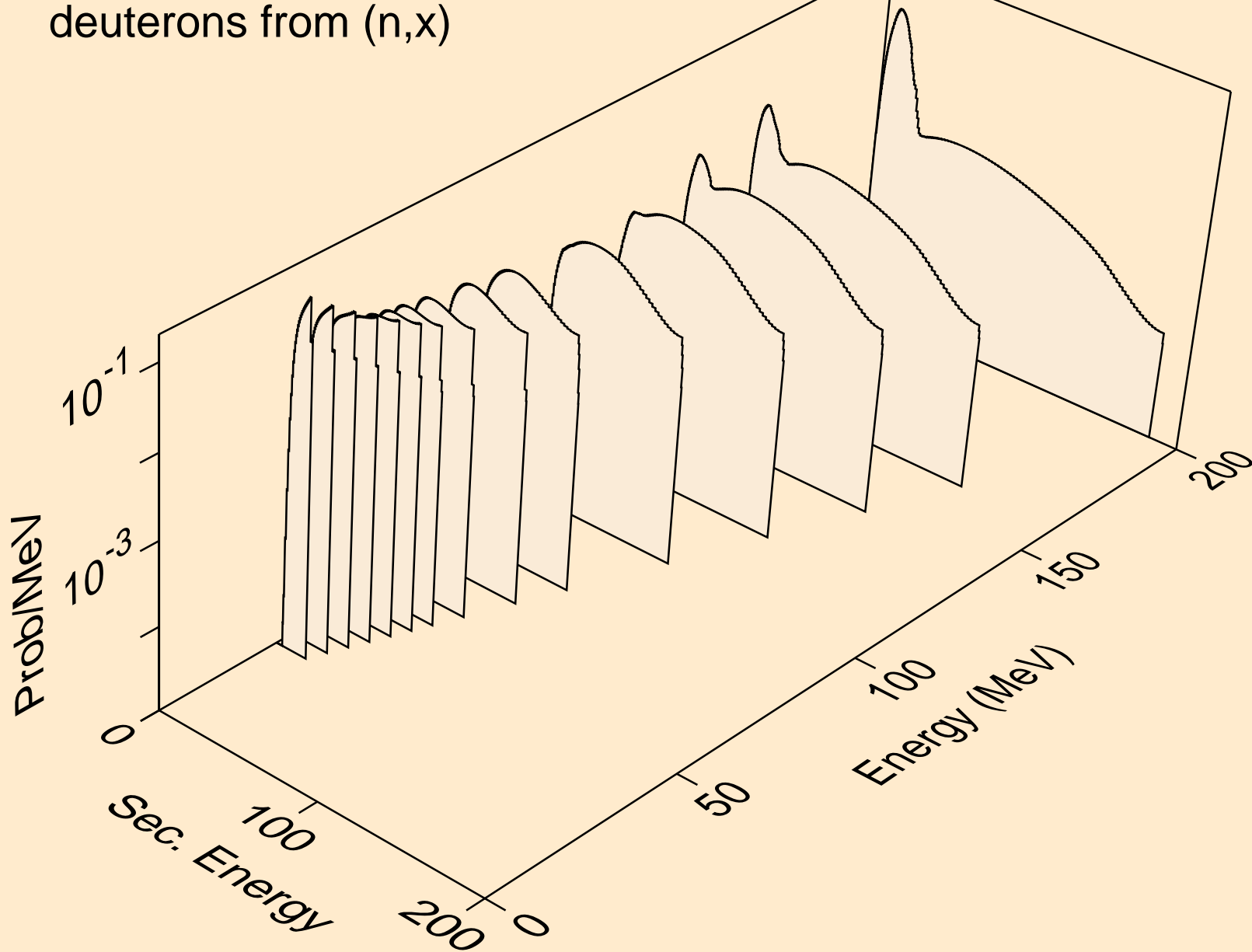
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



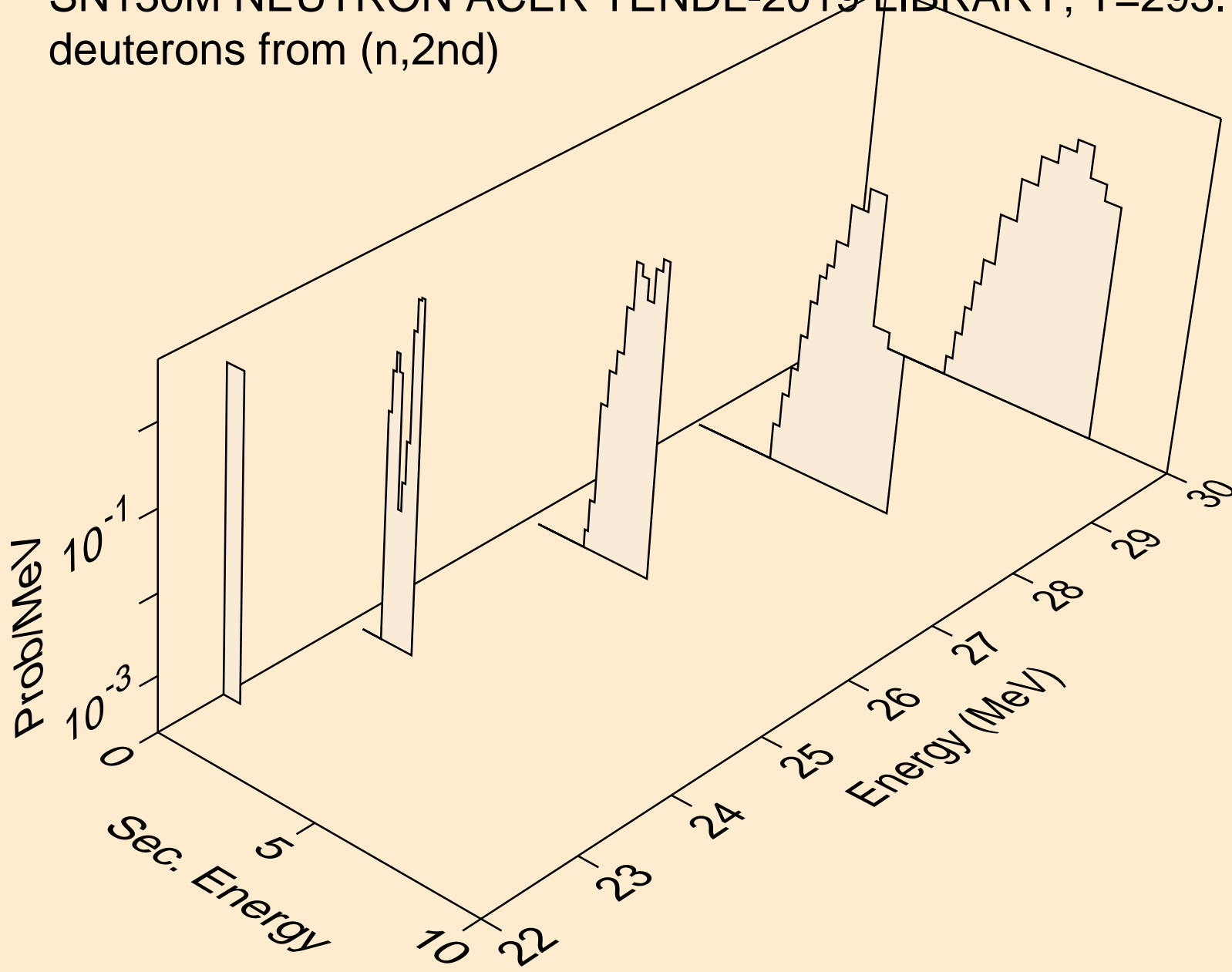
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,p)



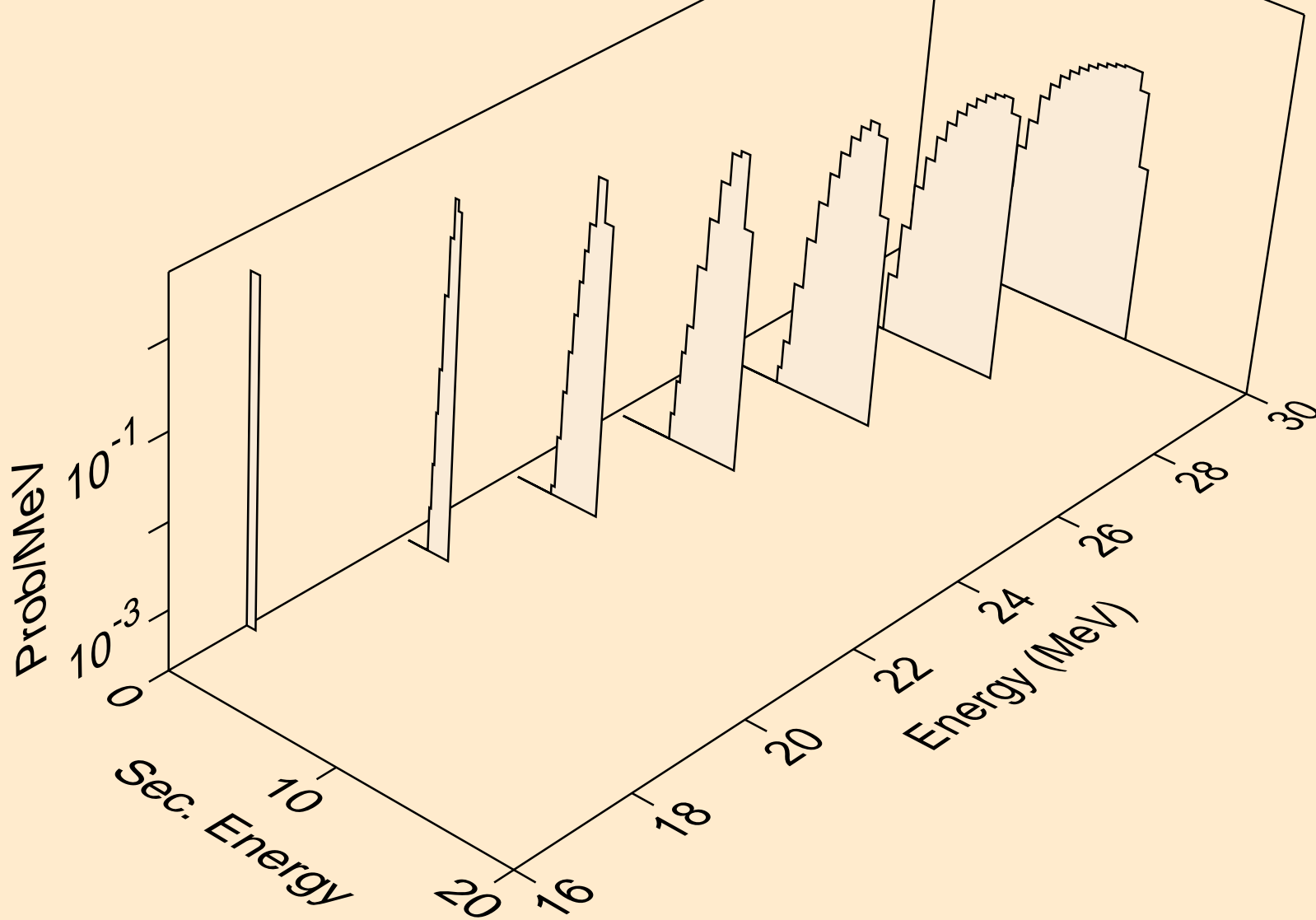
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deuterons from (n,x)



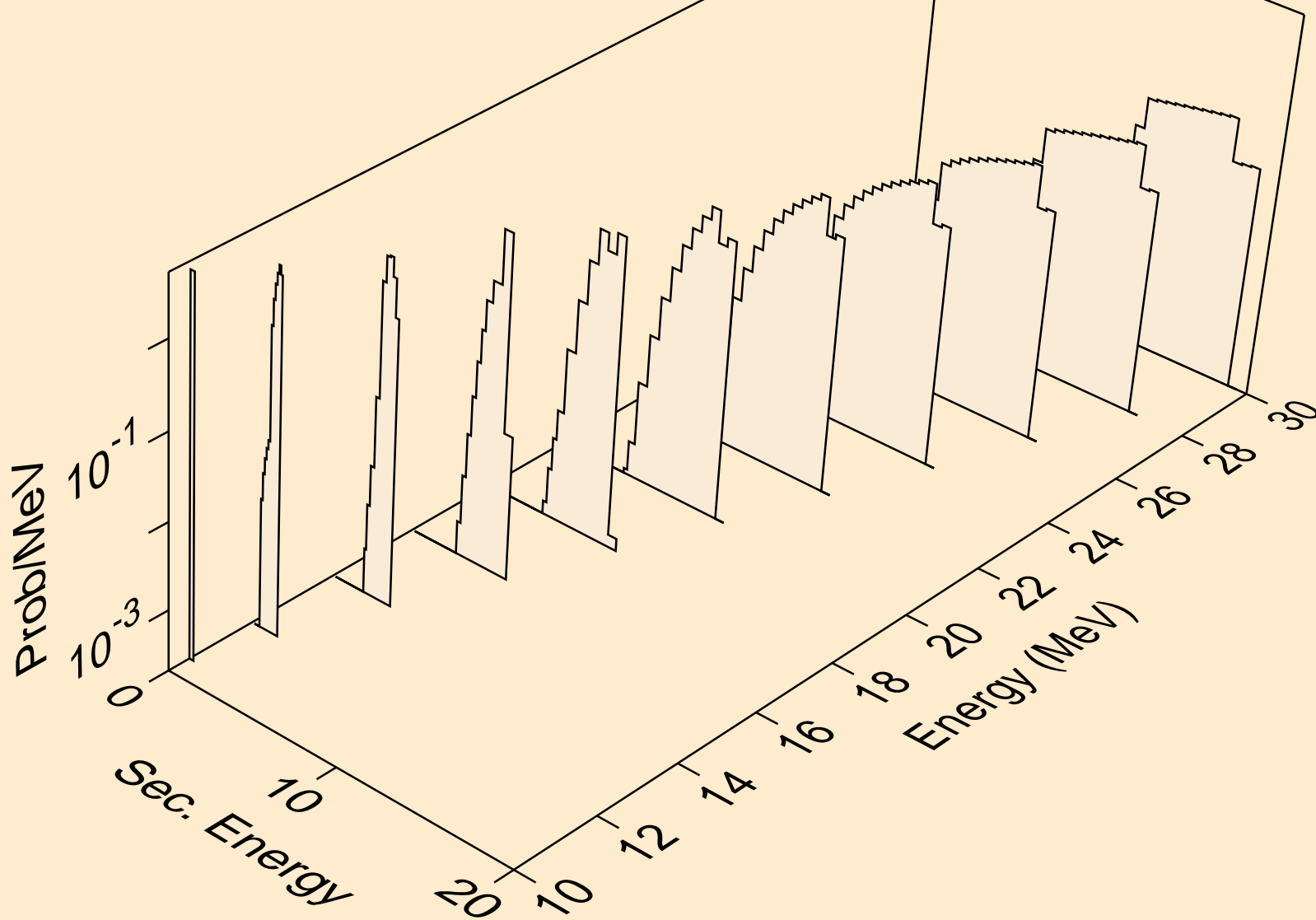
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deuterons from (n,2nd)



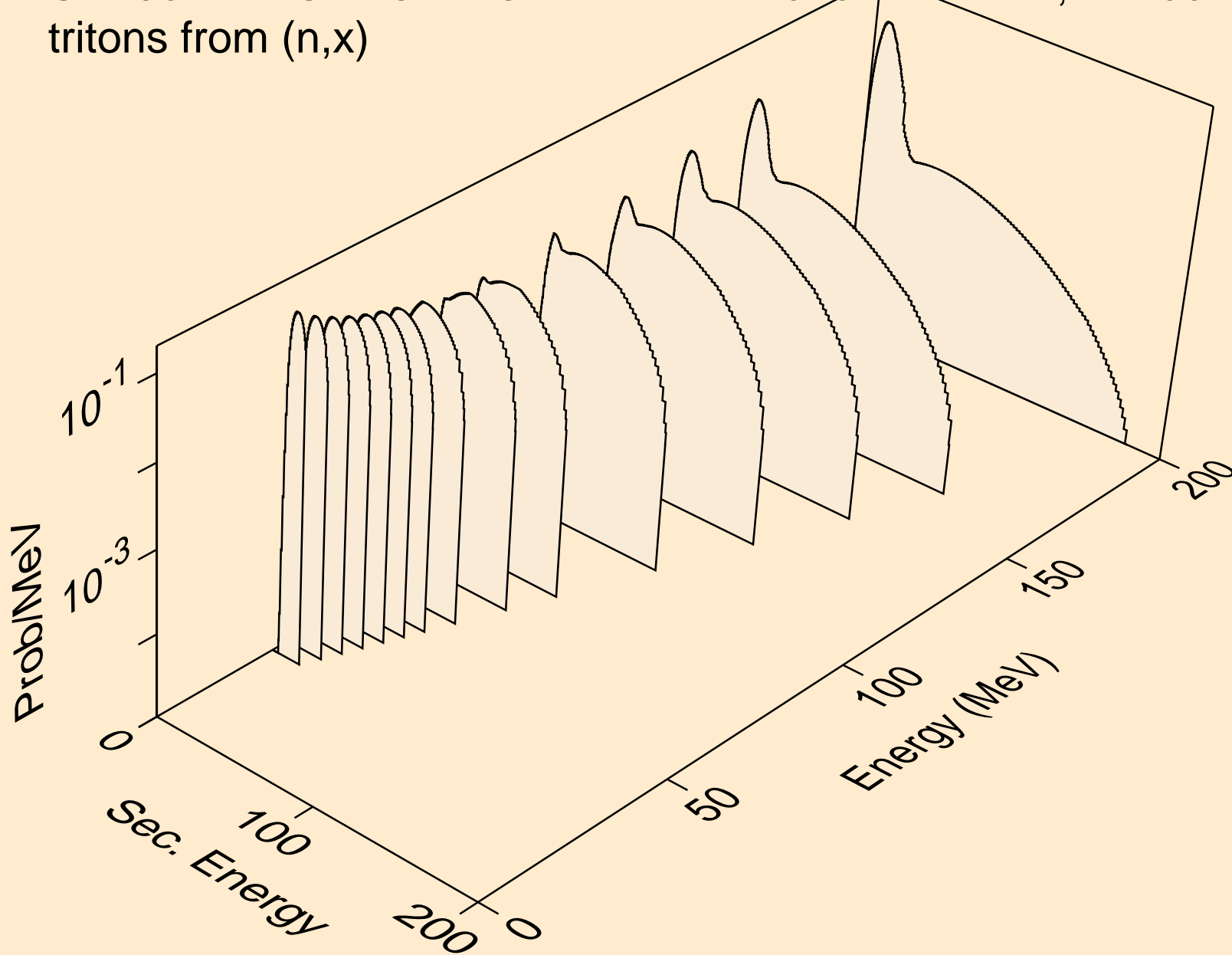
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



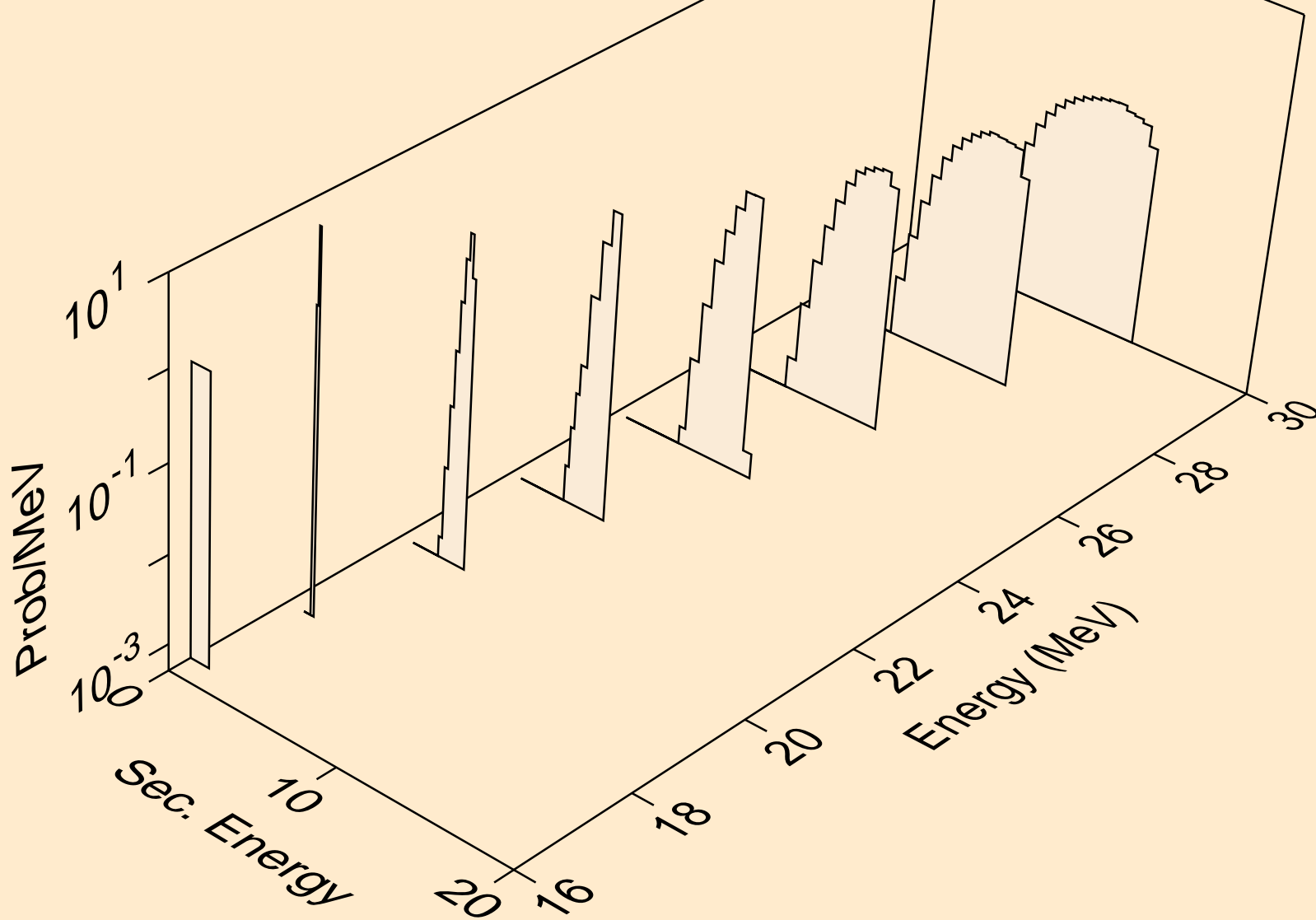
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)

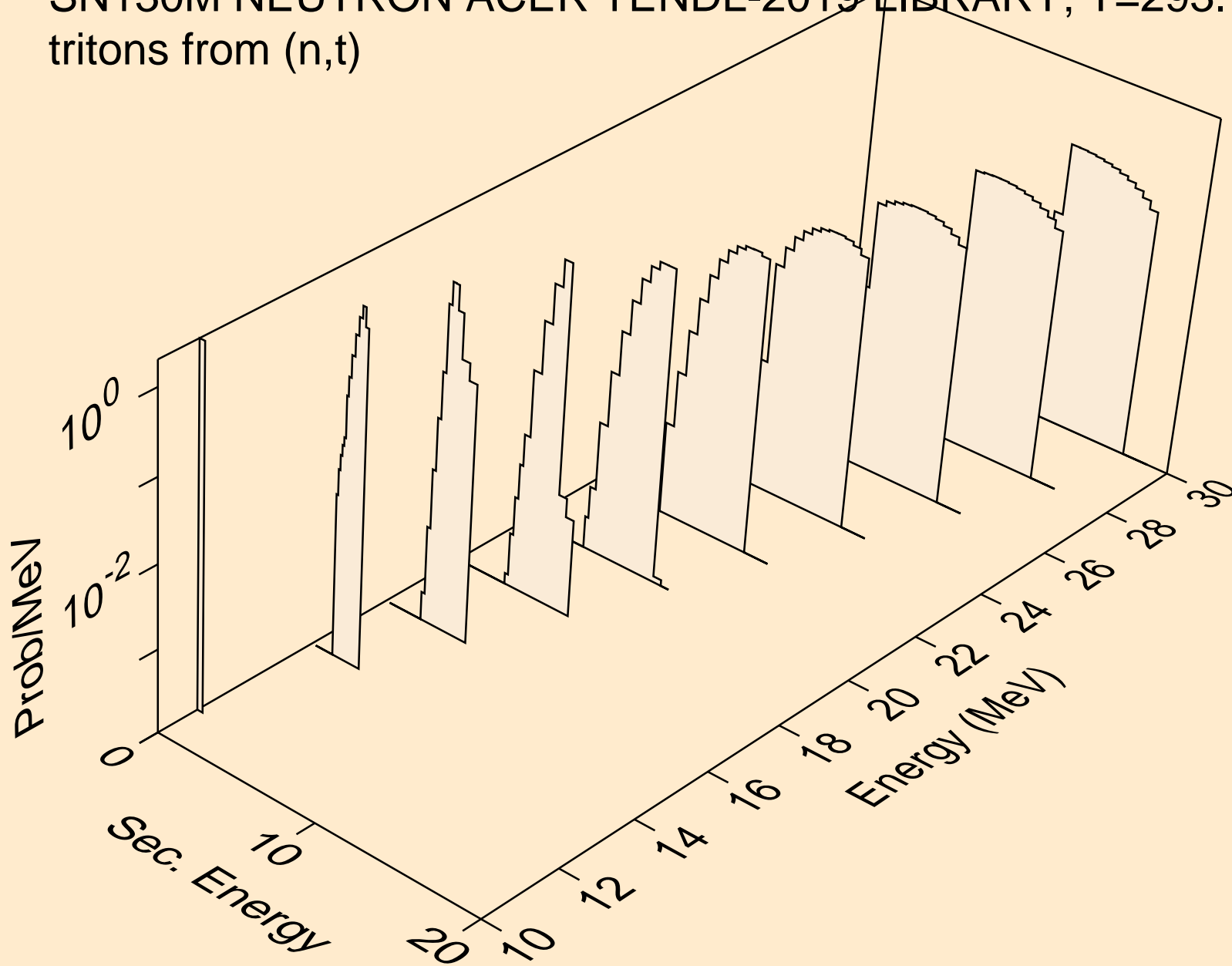


SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t

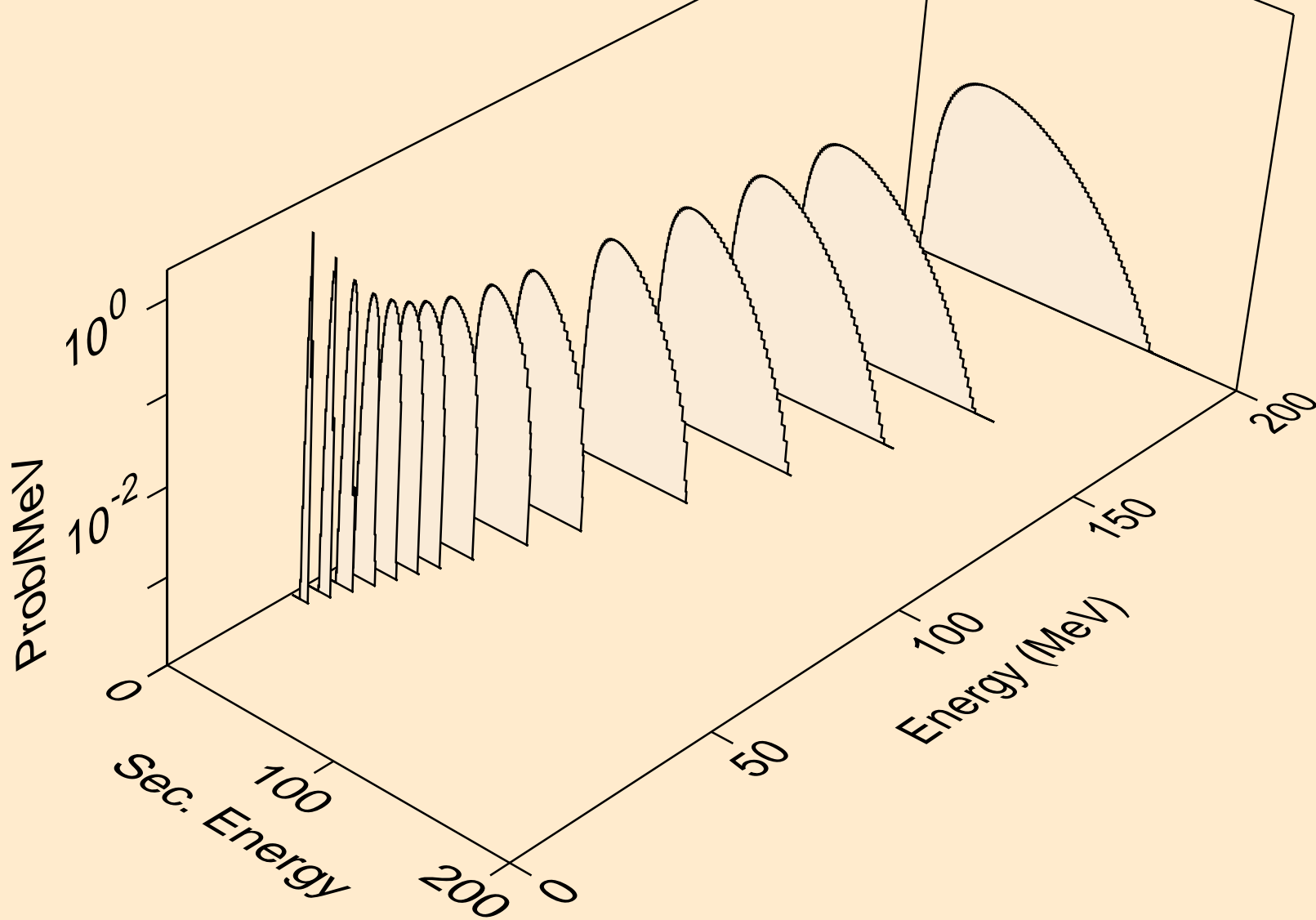




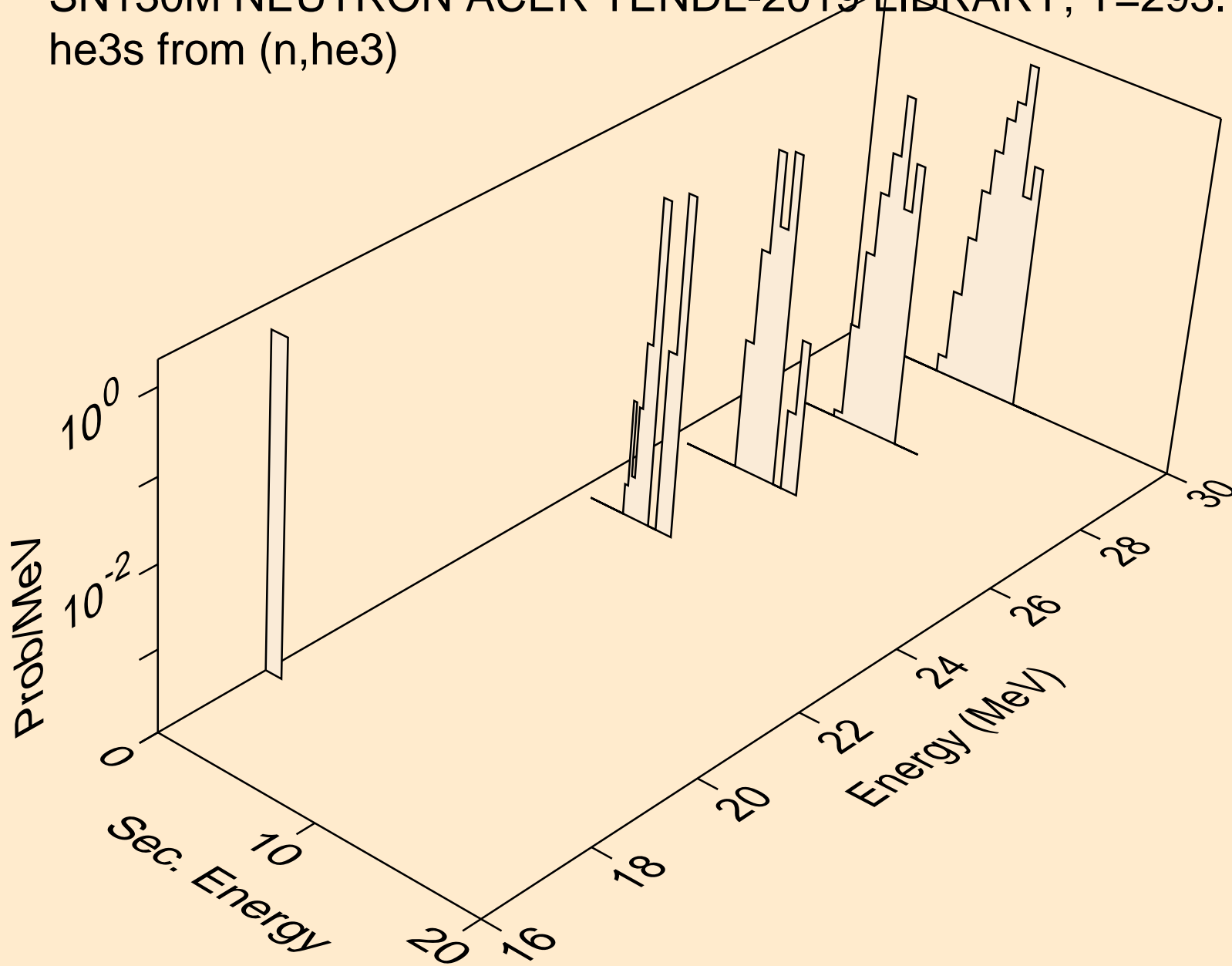
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,t)



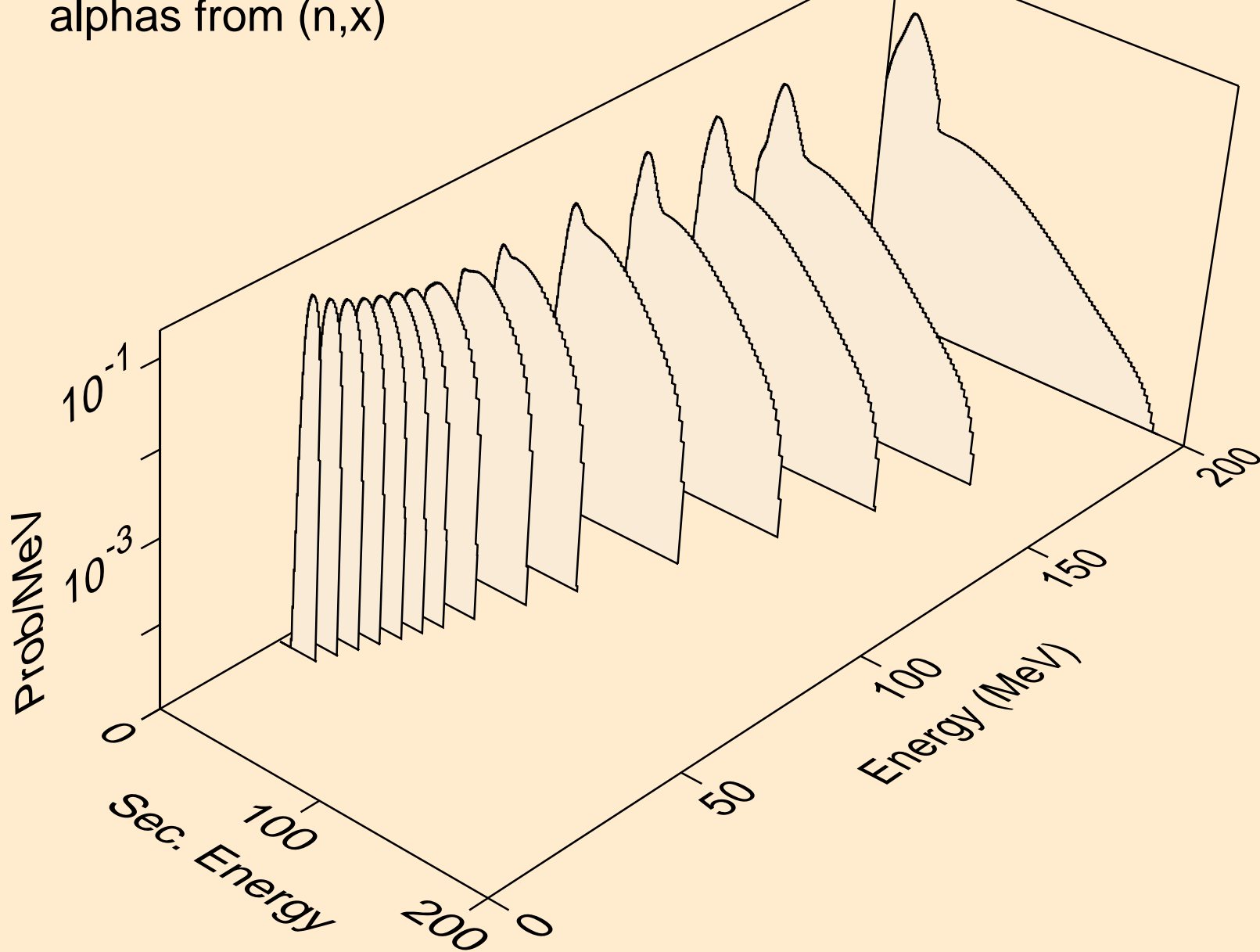
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



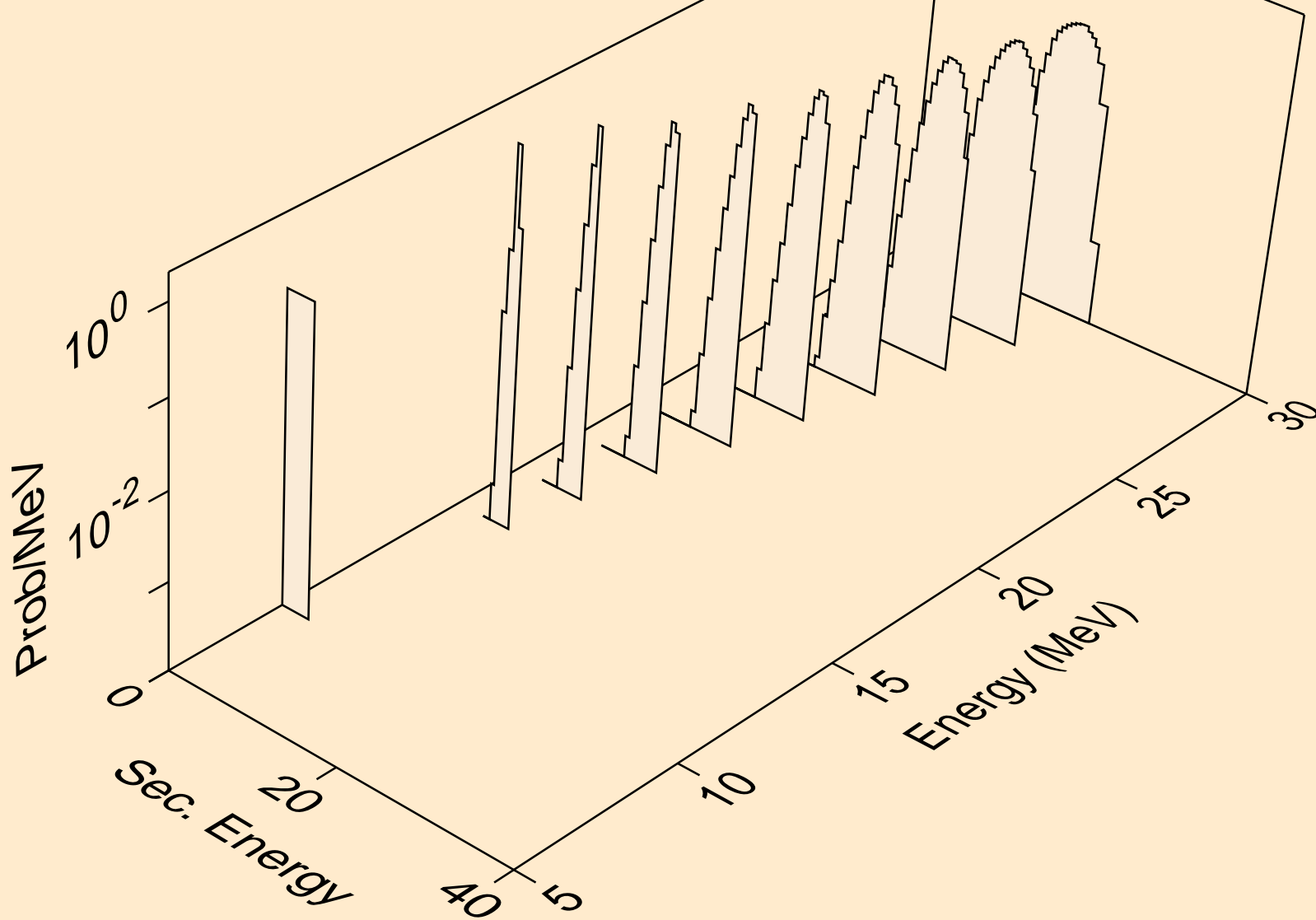
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)



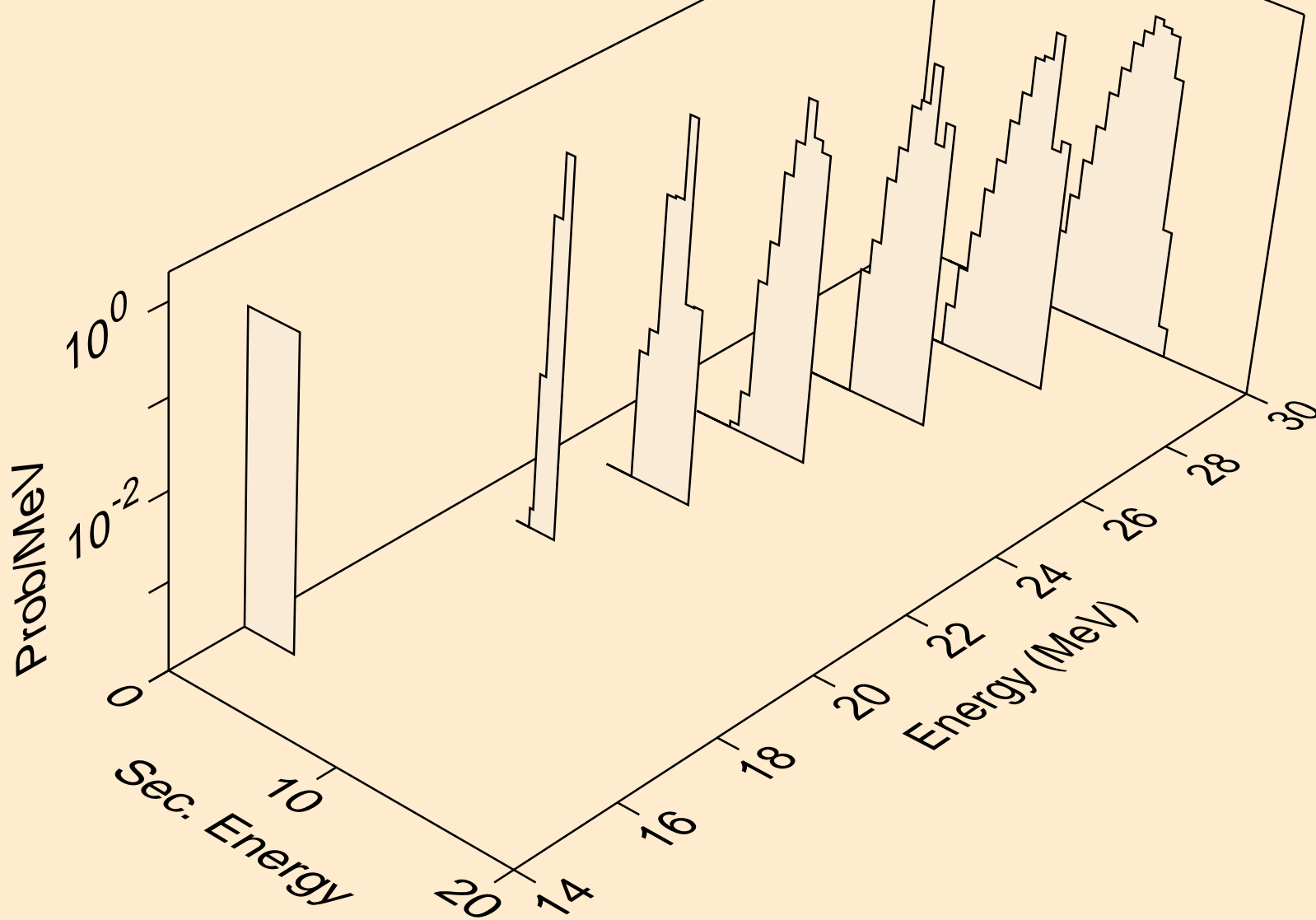
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



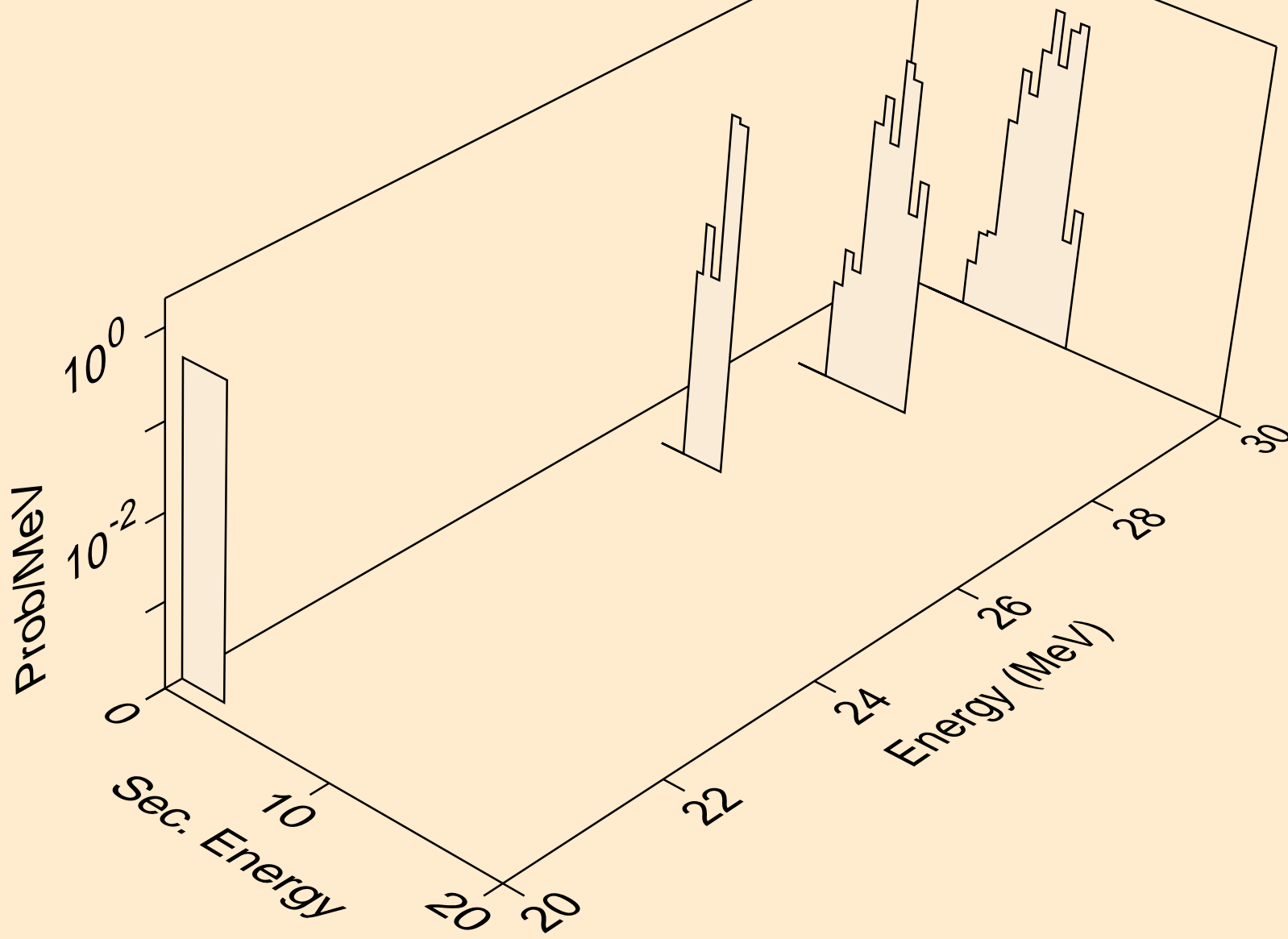
SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,2n)a



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



SN130M NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

