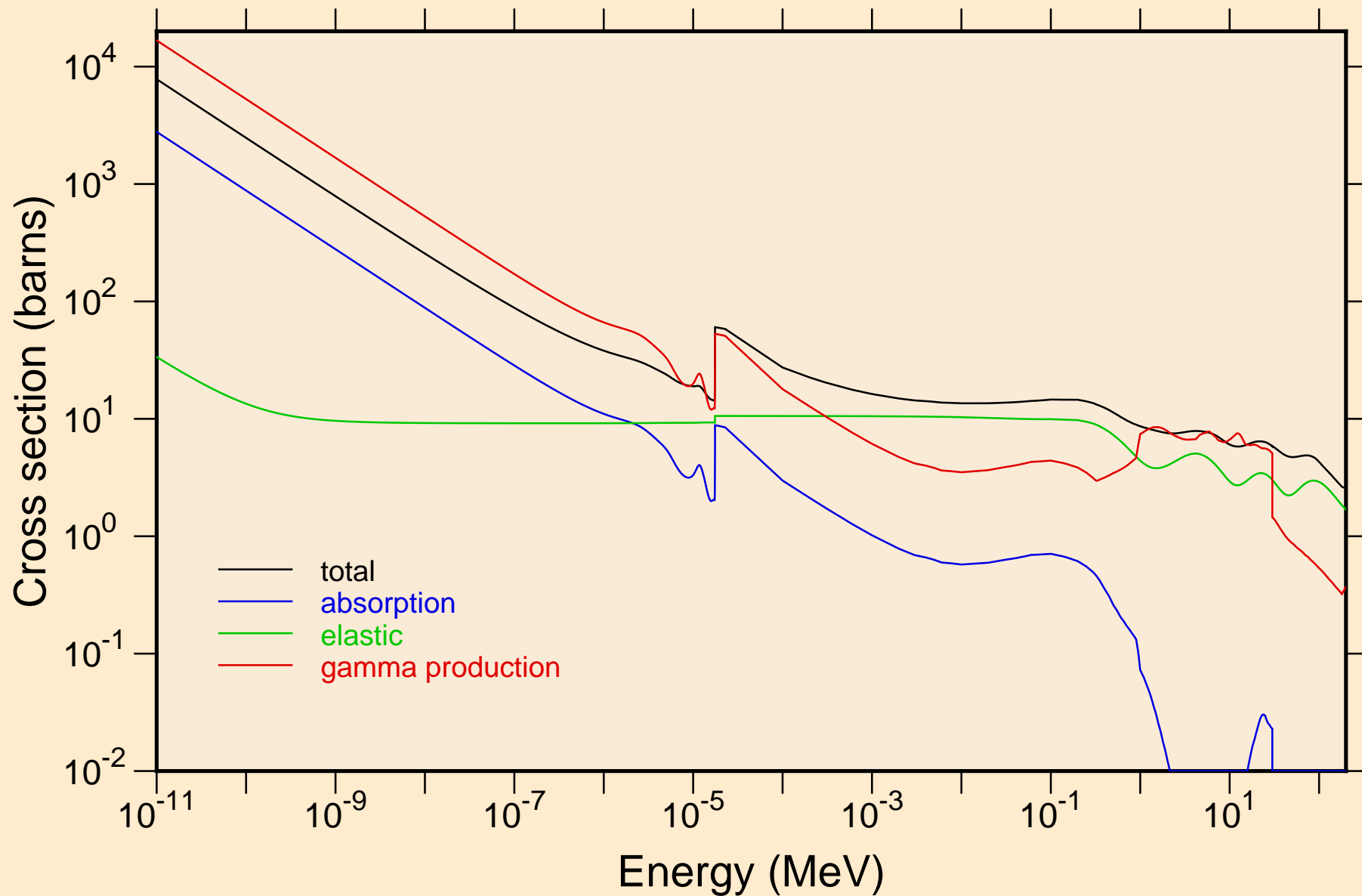
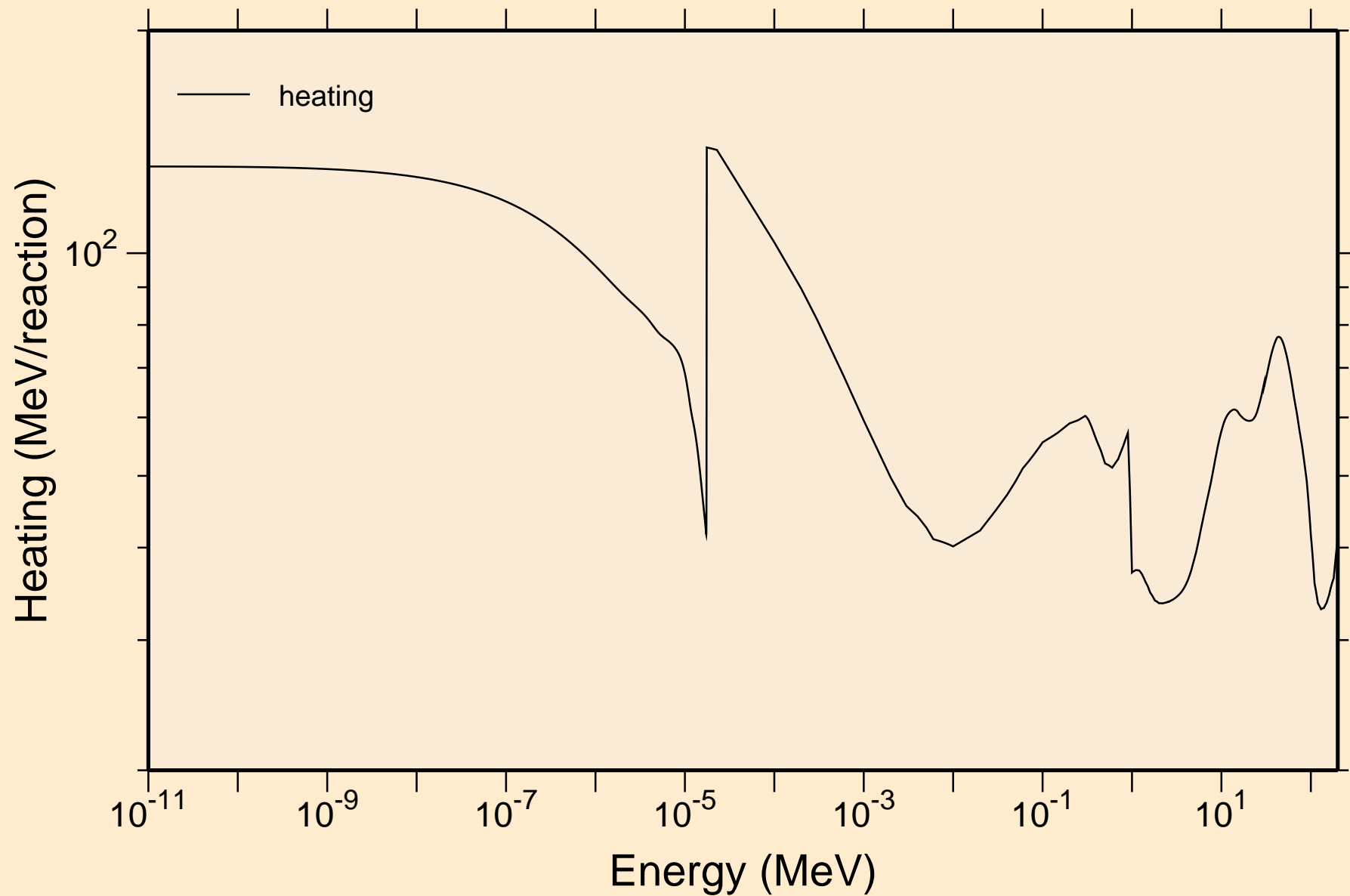


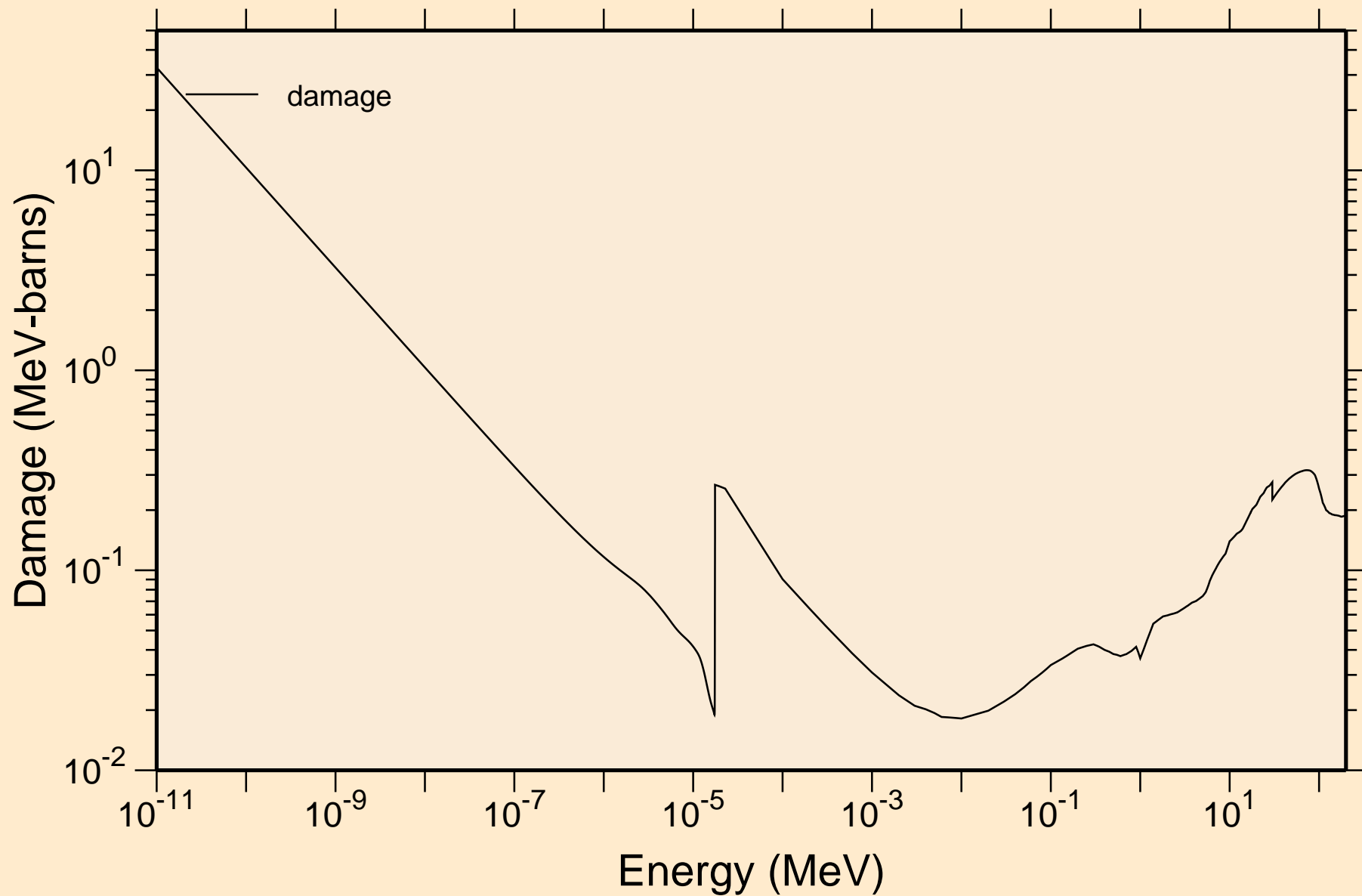
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Principal cross sections



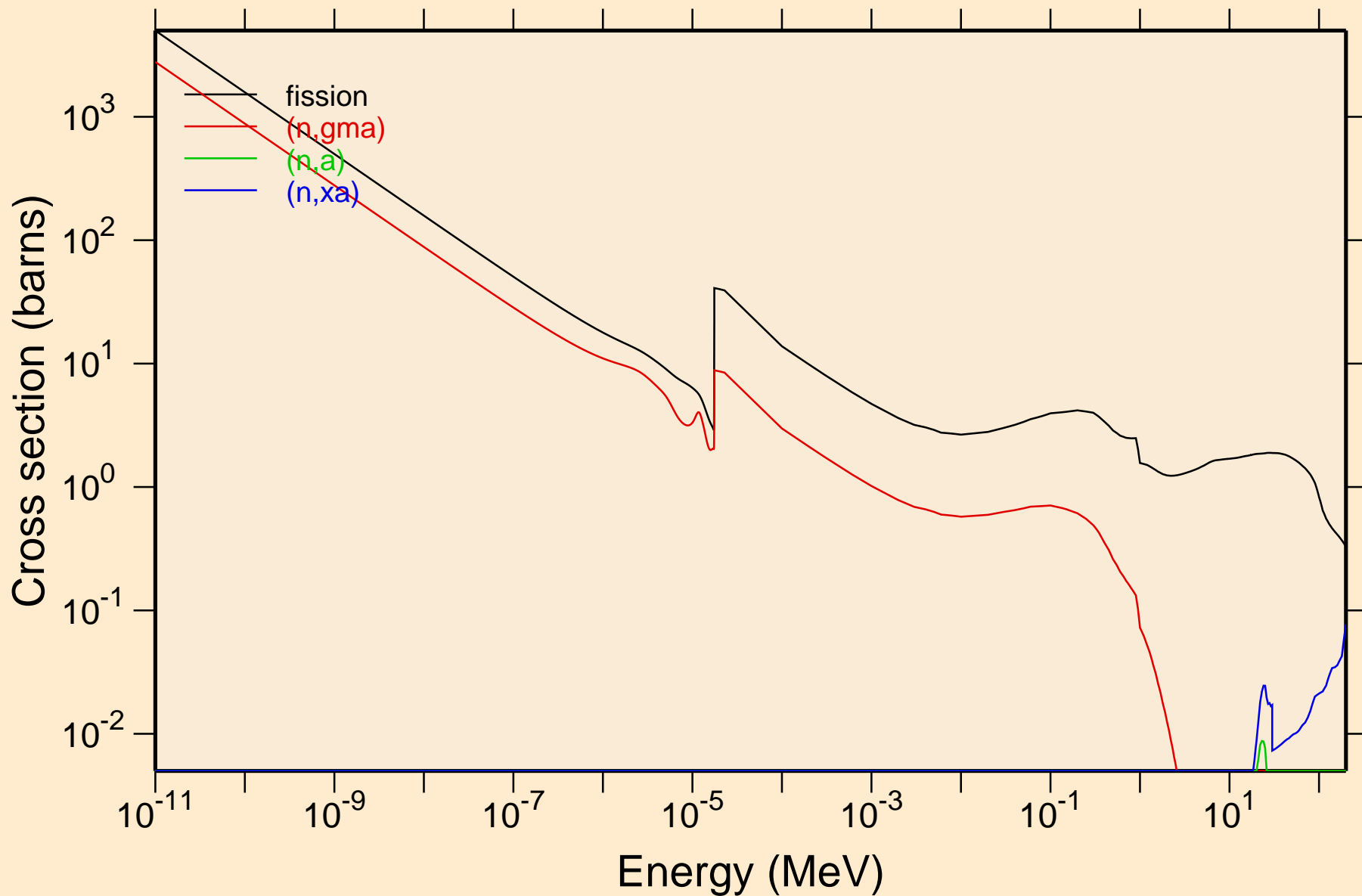
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

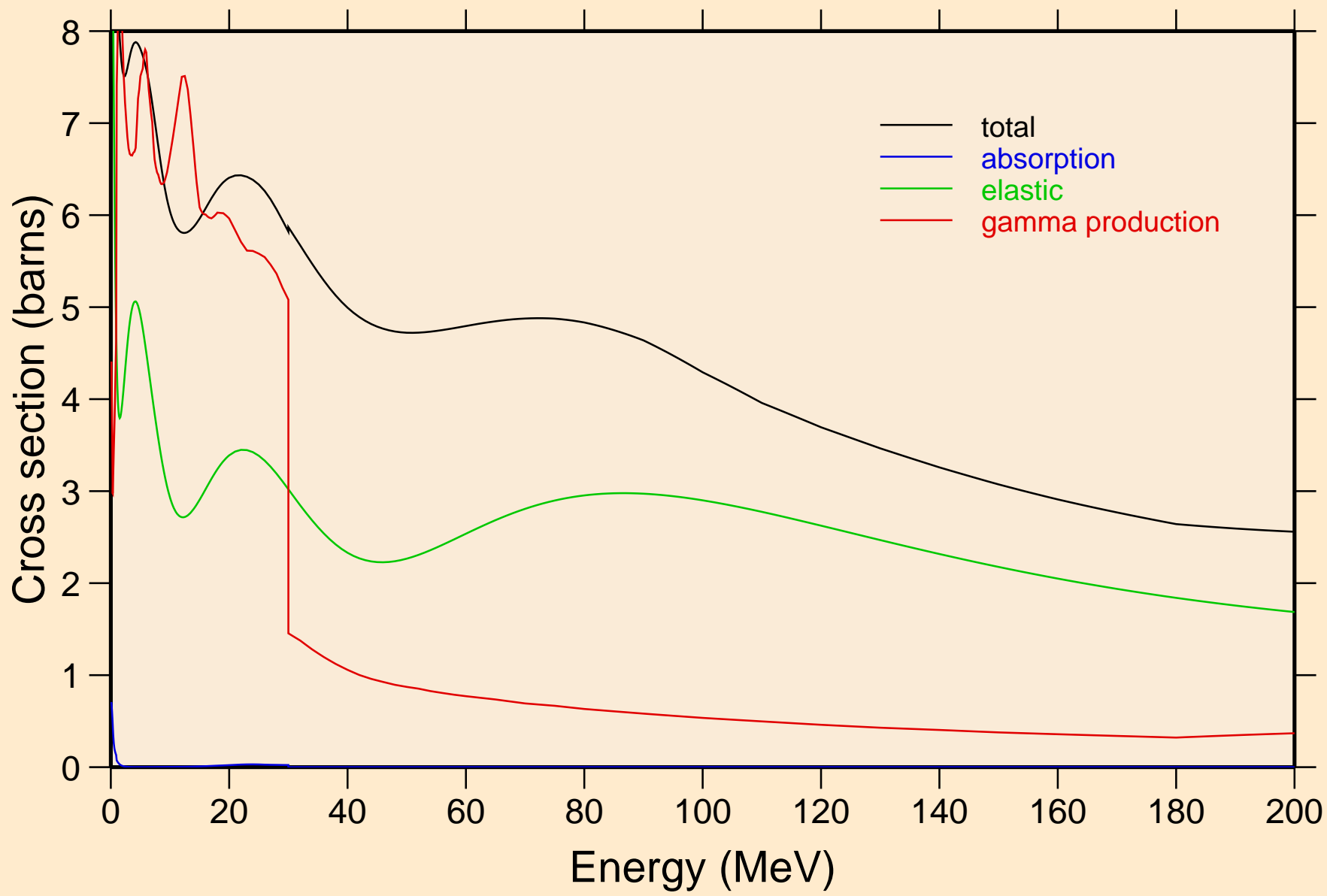


MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

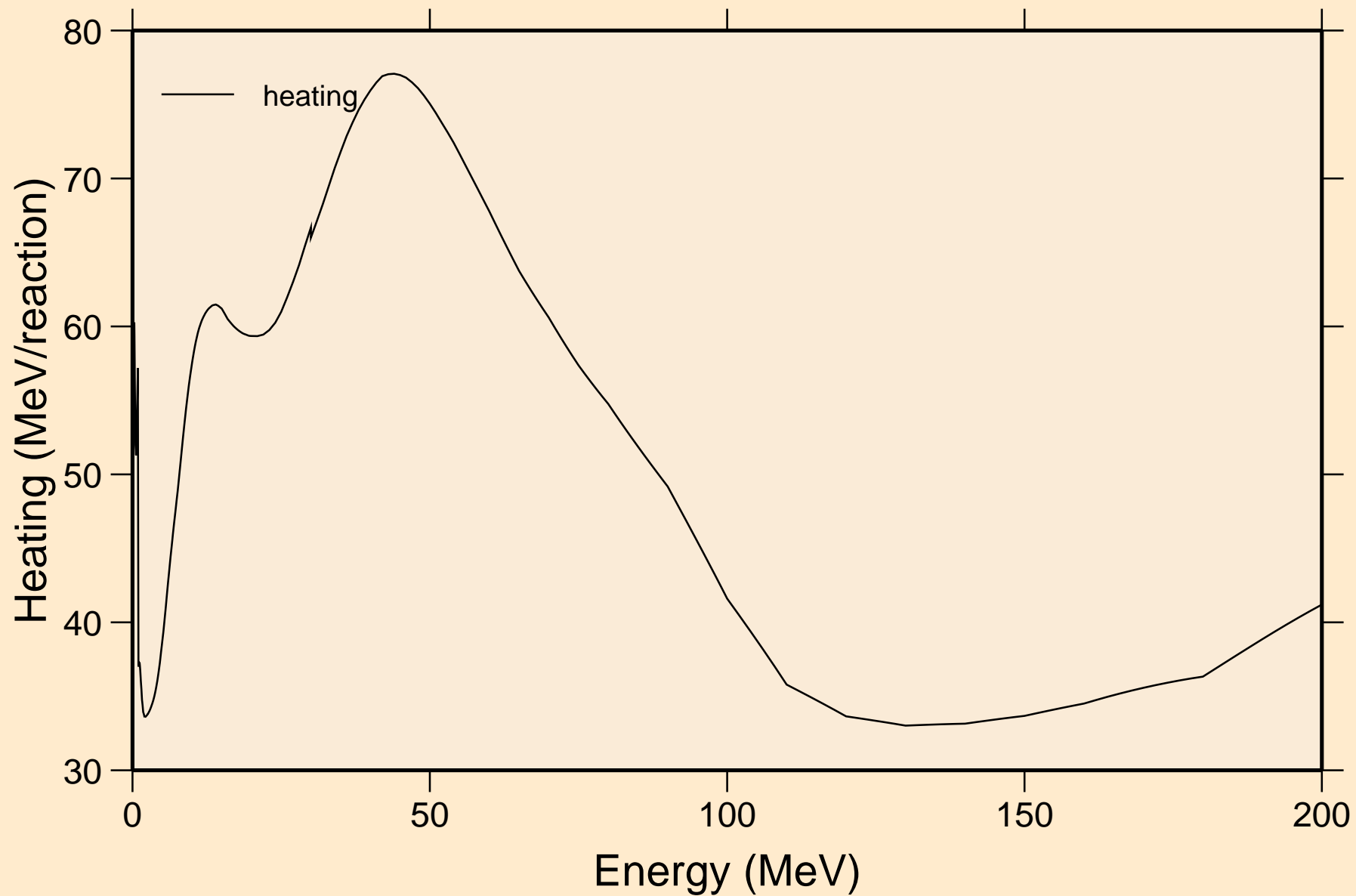


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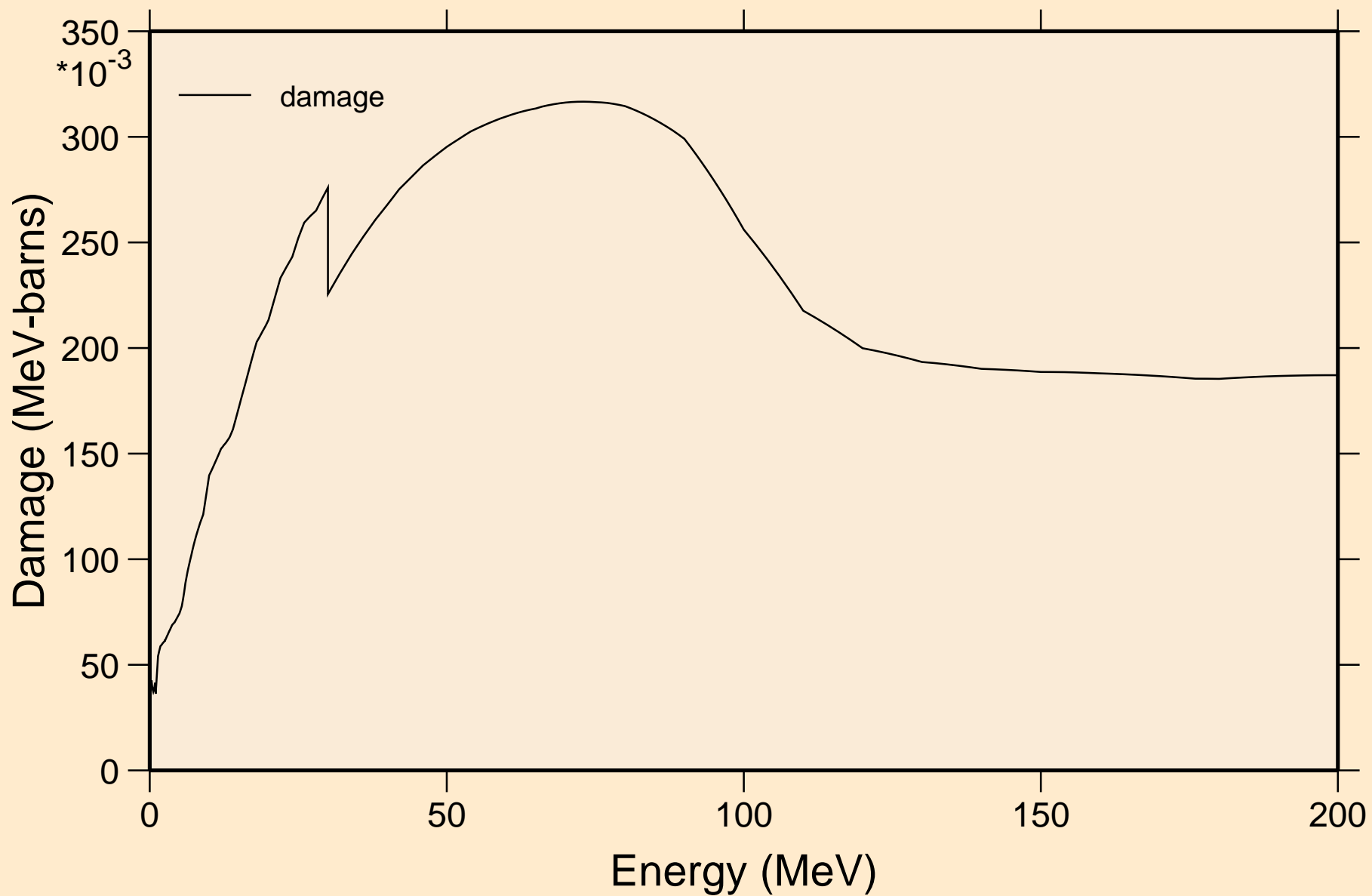
## Principal cross sections



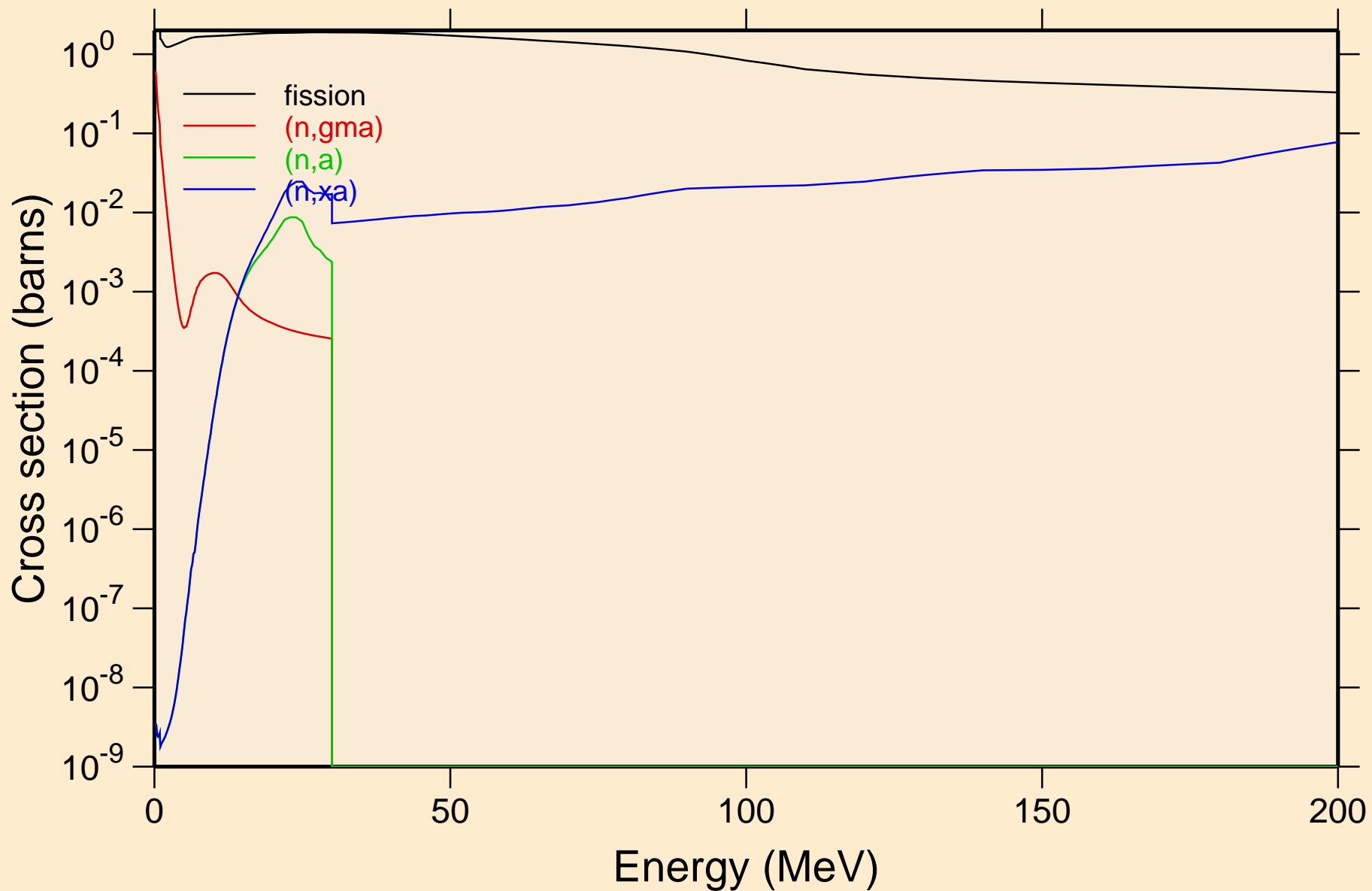
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Heating



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Damage

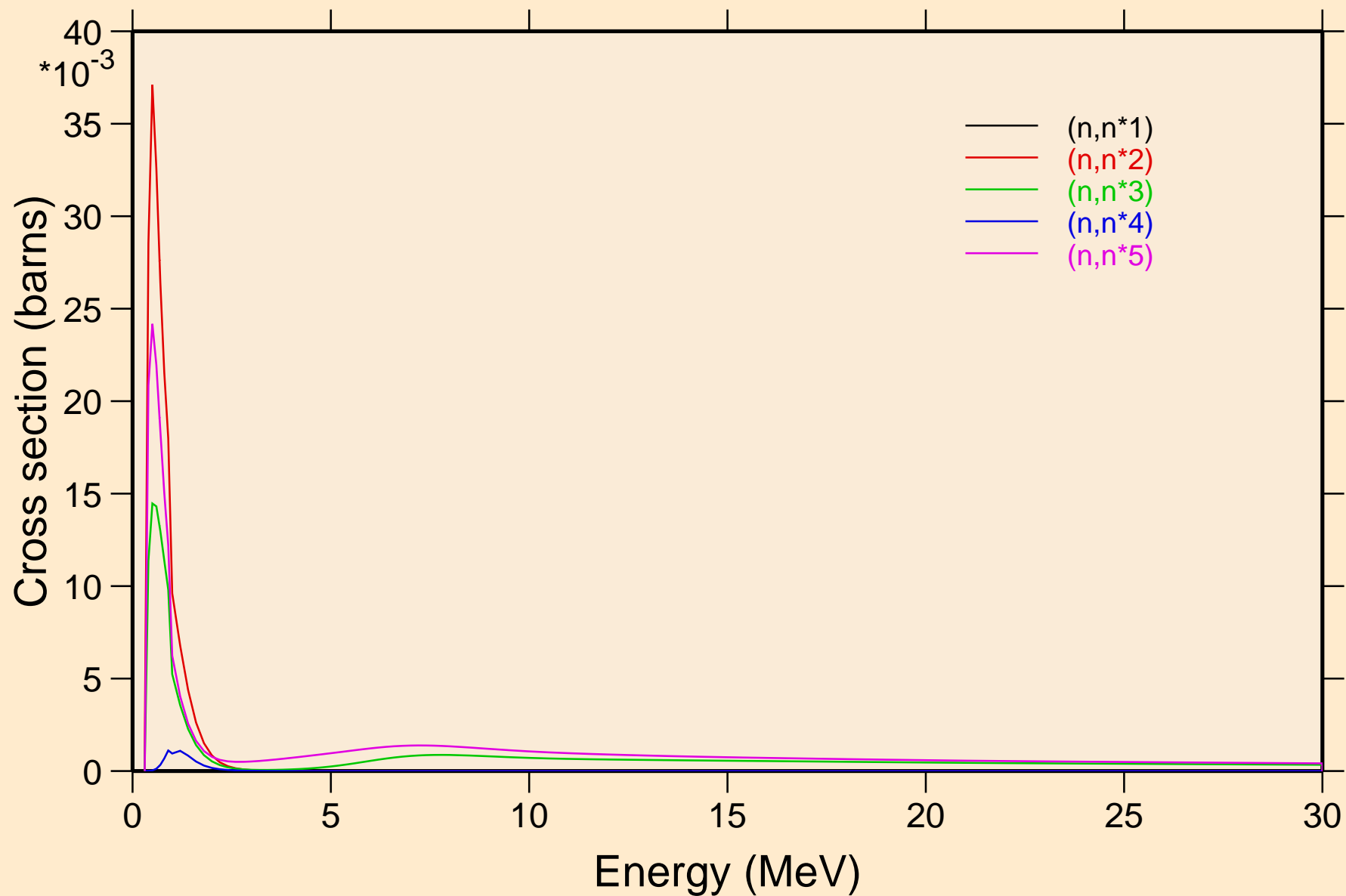


MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Non-threshold reactions

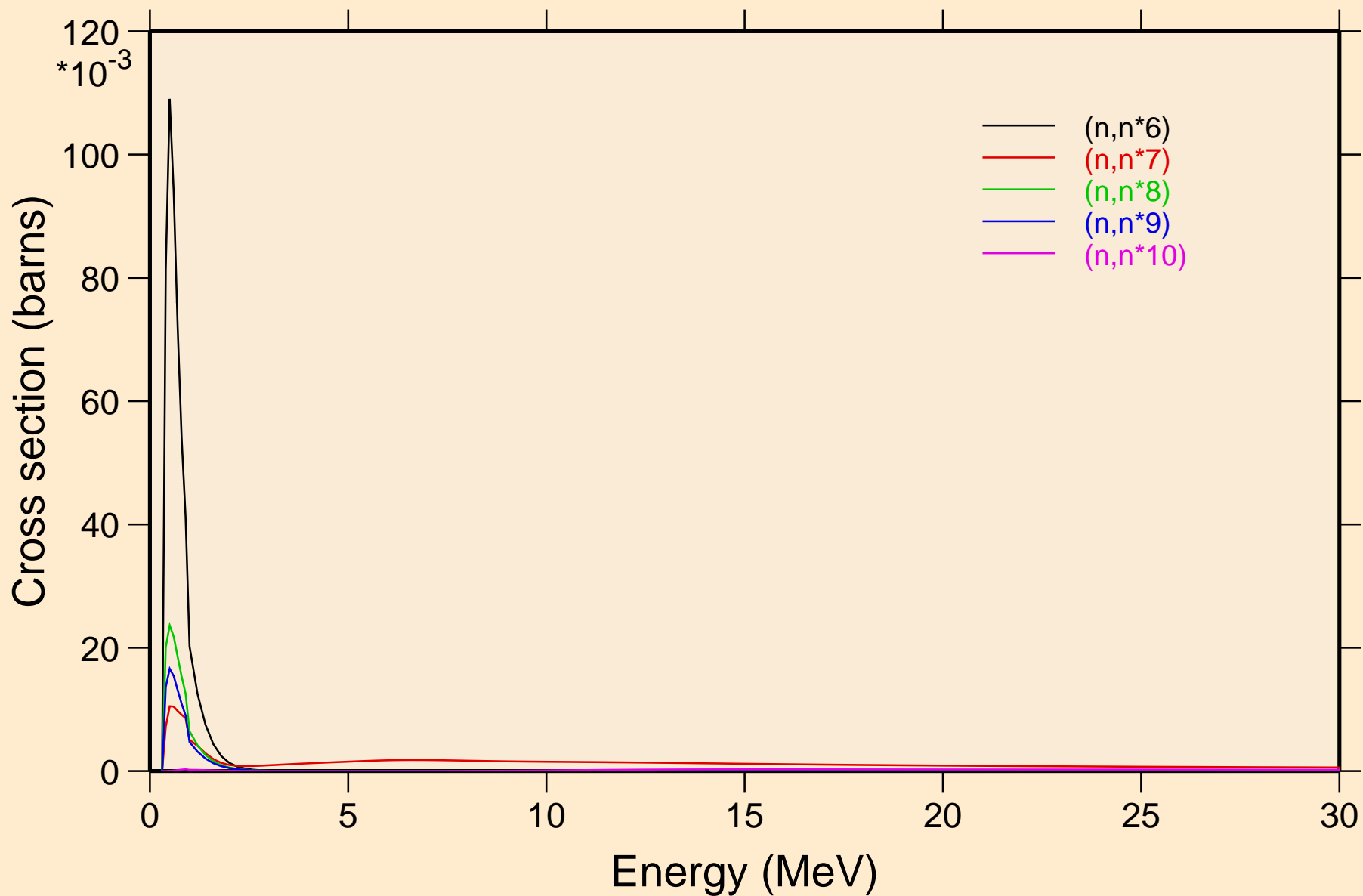




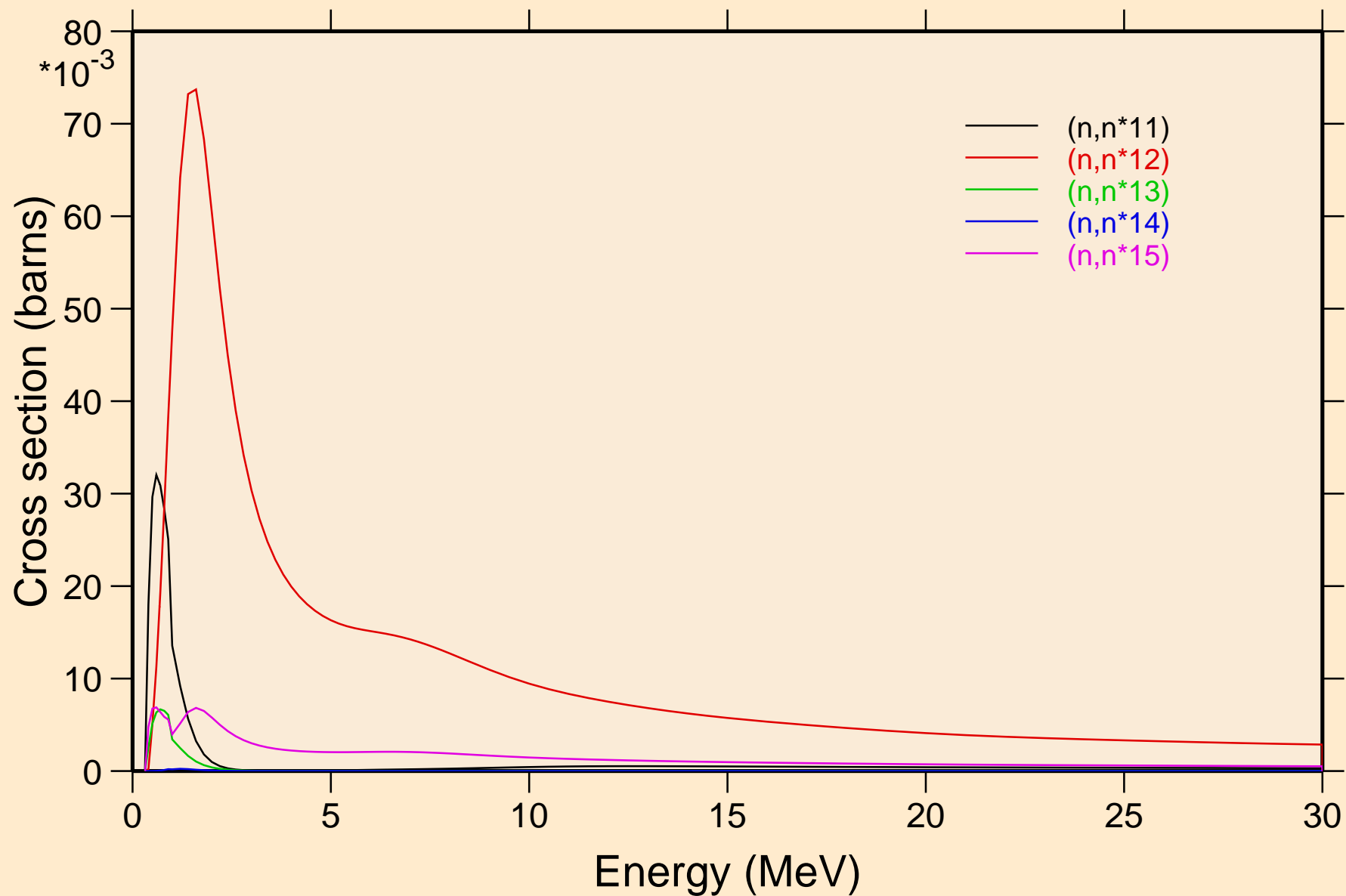
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Inelastic levels



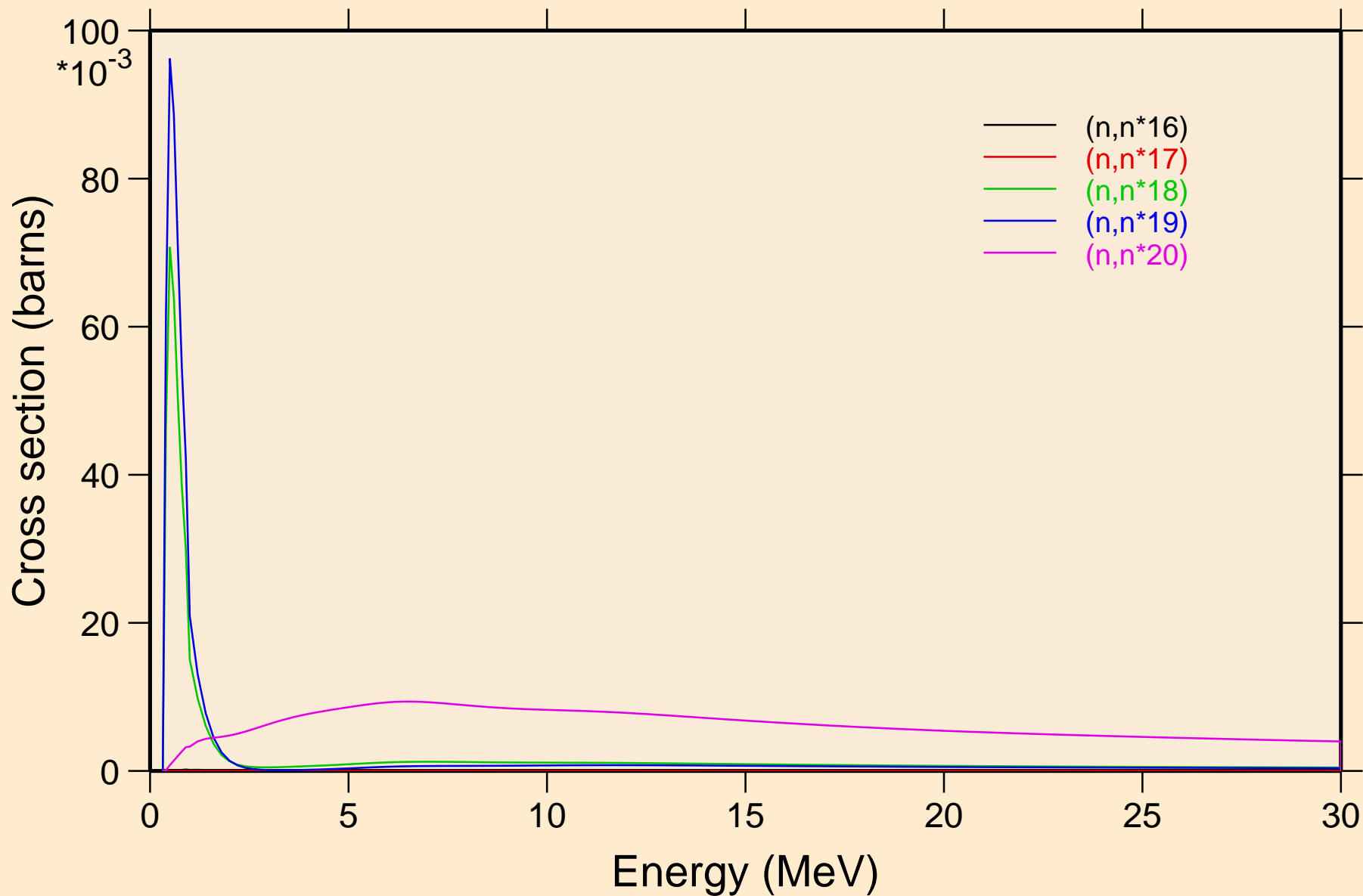
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Inelastic levels



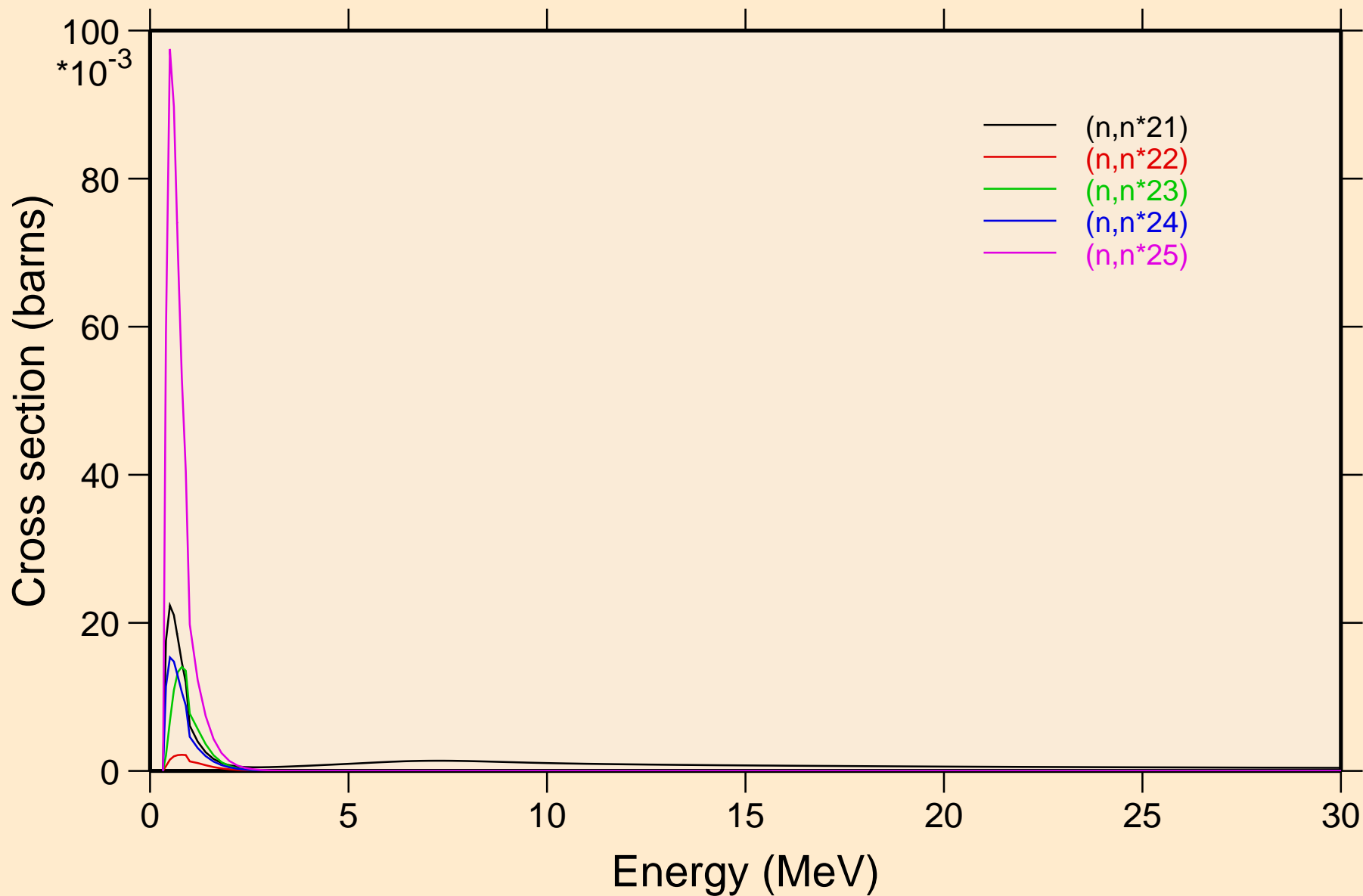
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Inelastic levels



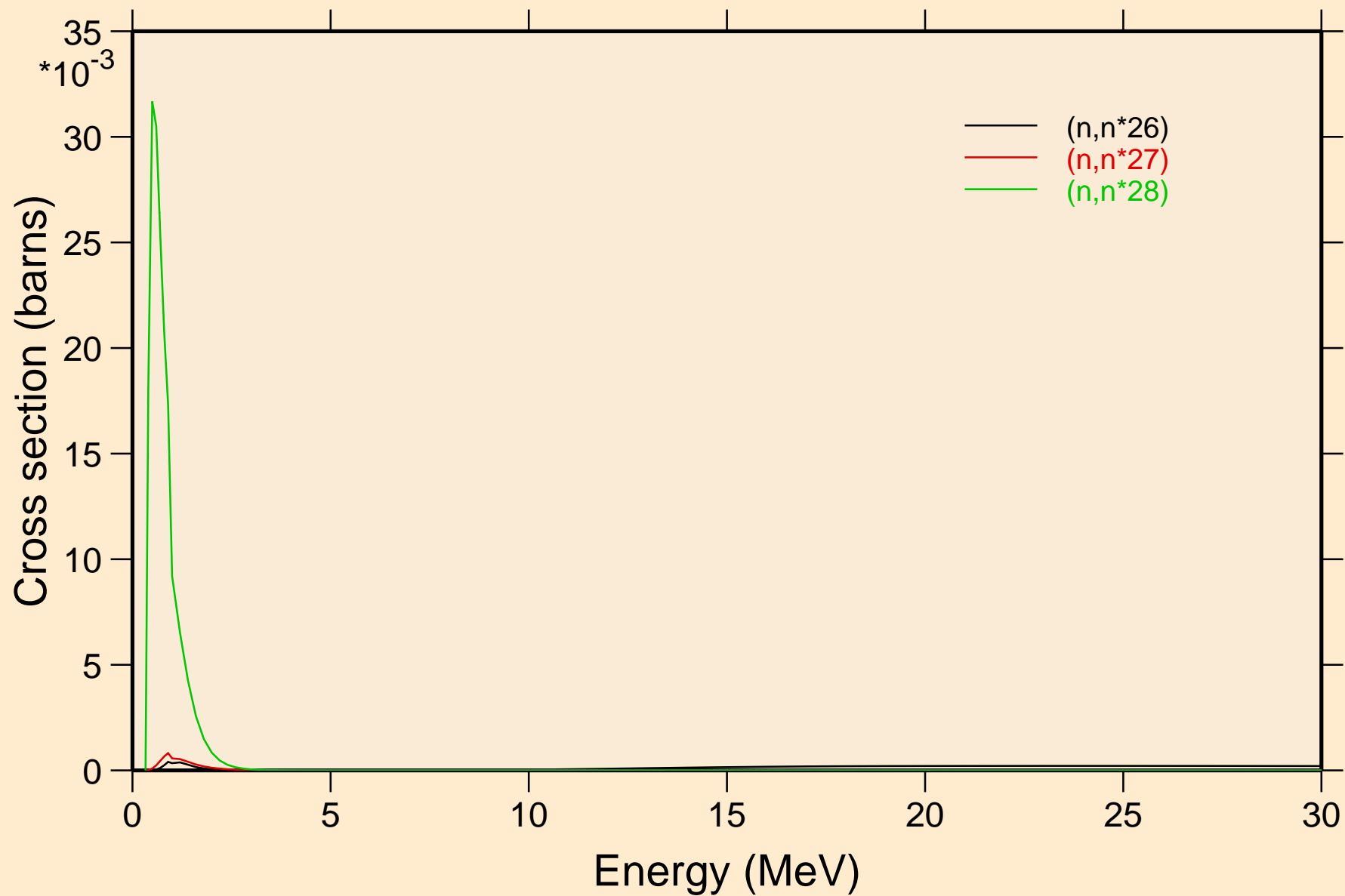
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Inelastic levels



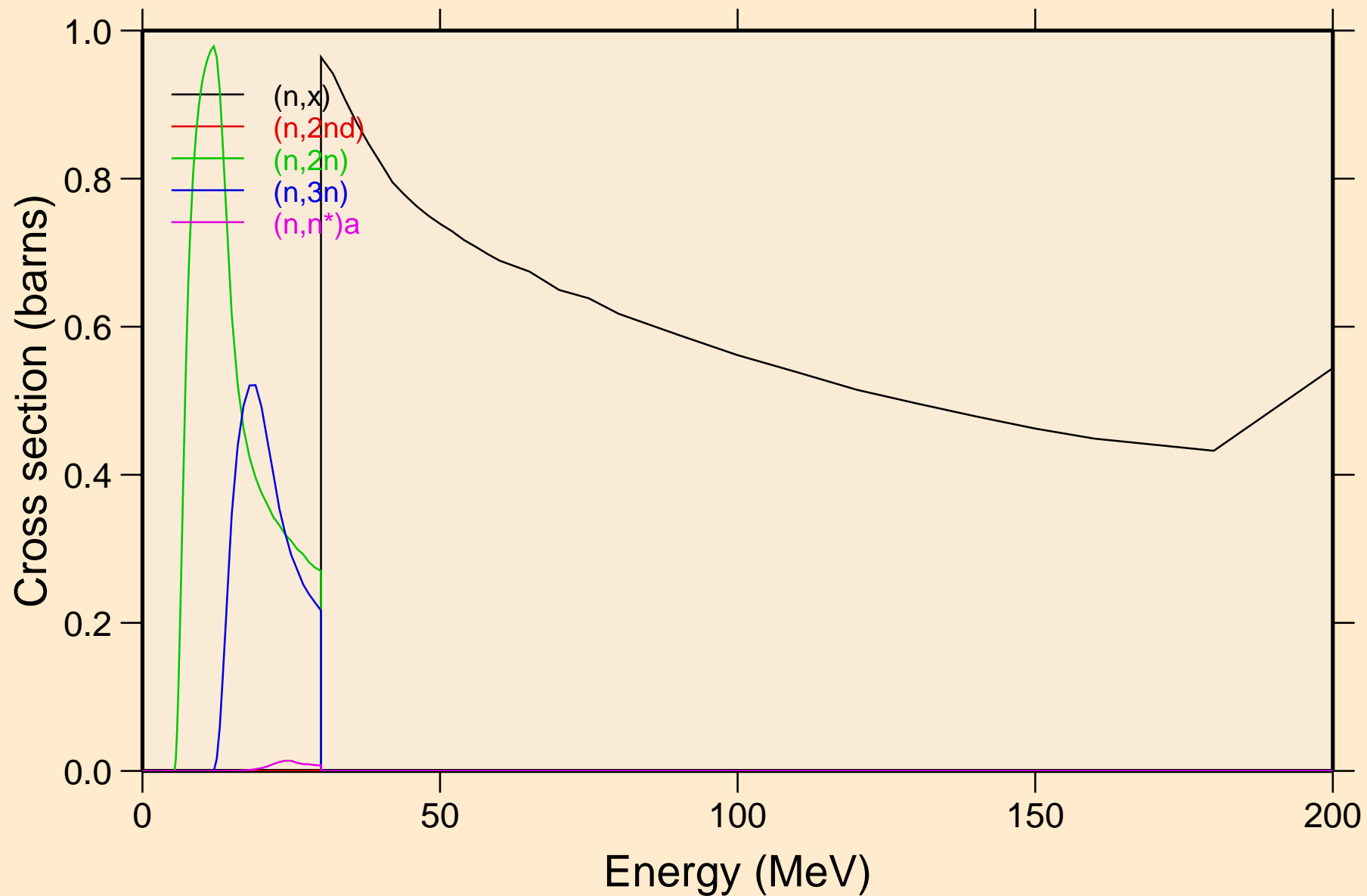
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Inelastic levels



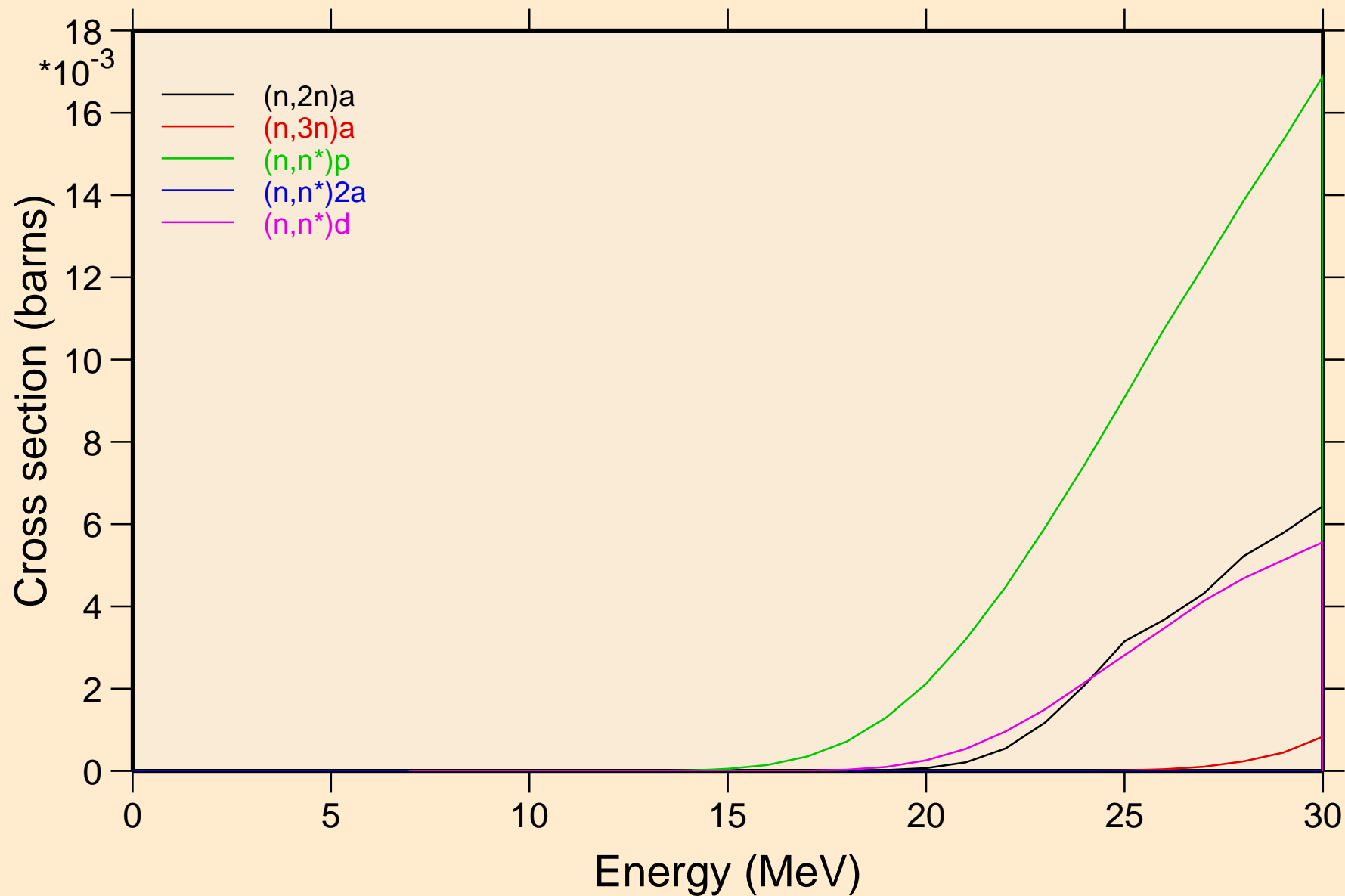
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Inelastic levels



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

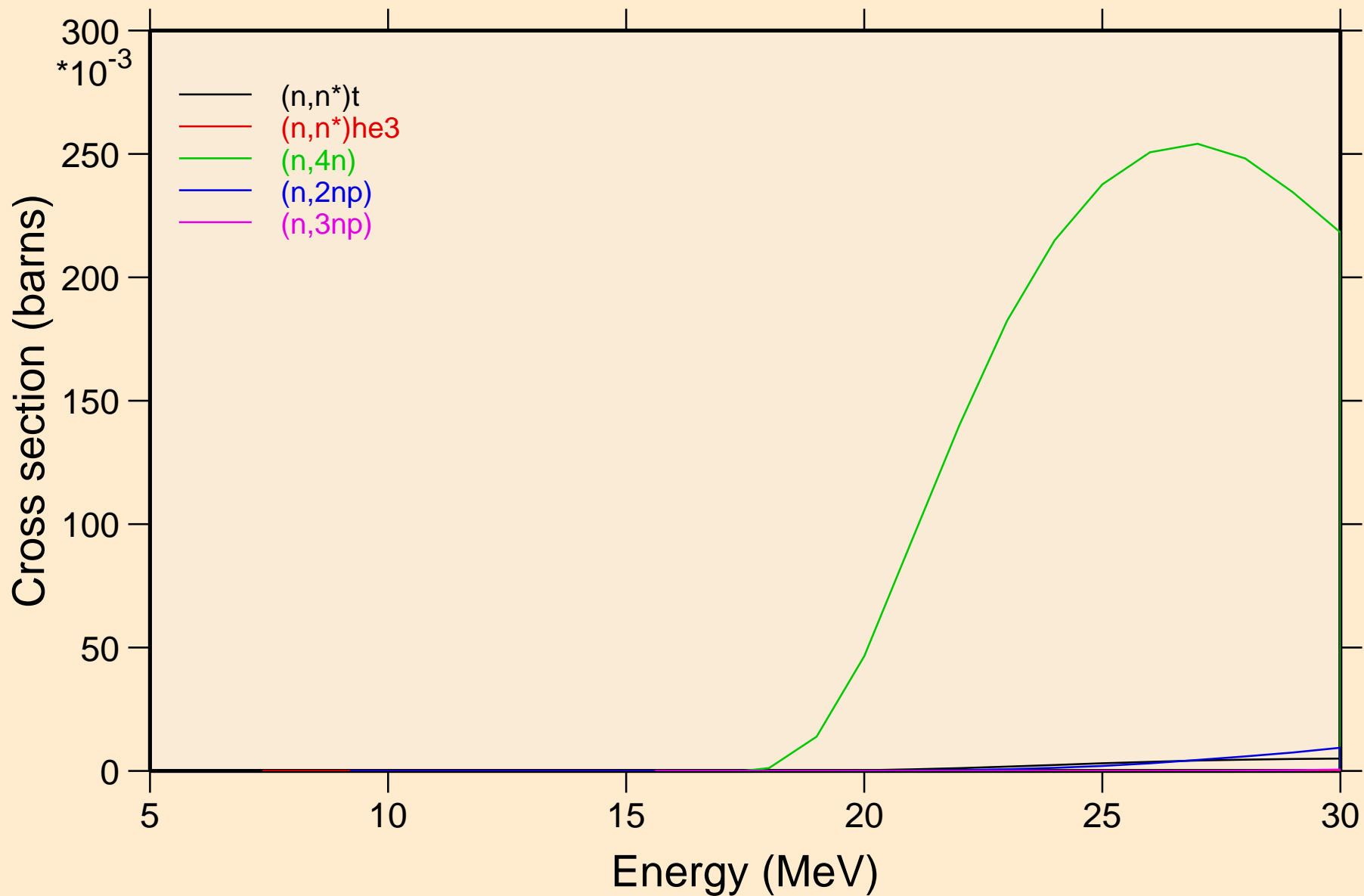


MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Threshold reactions

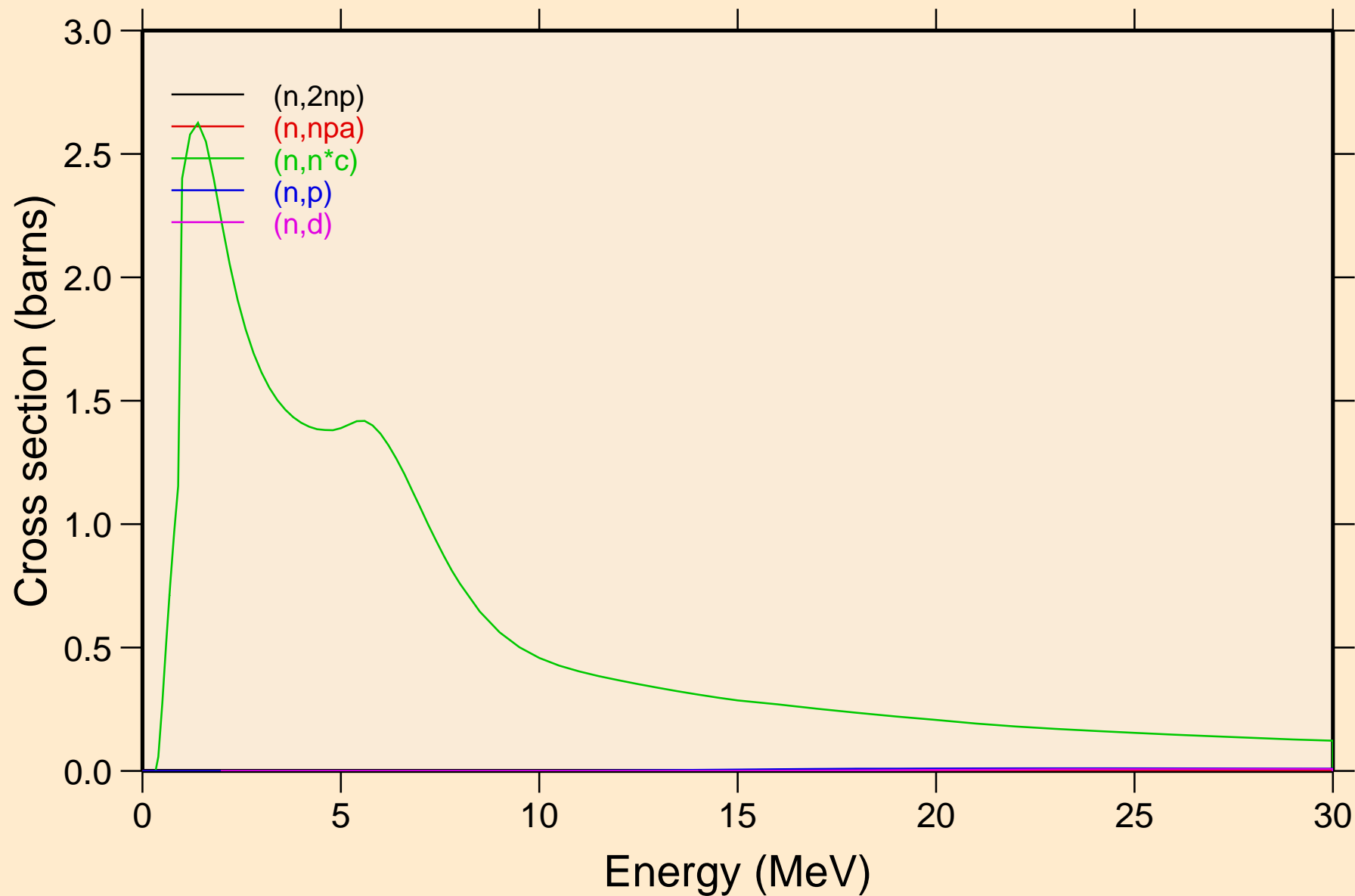




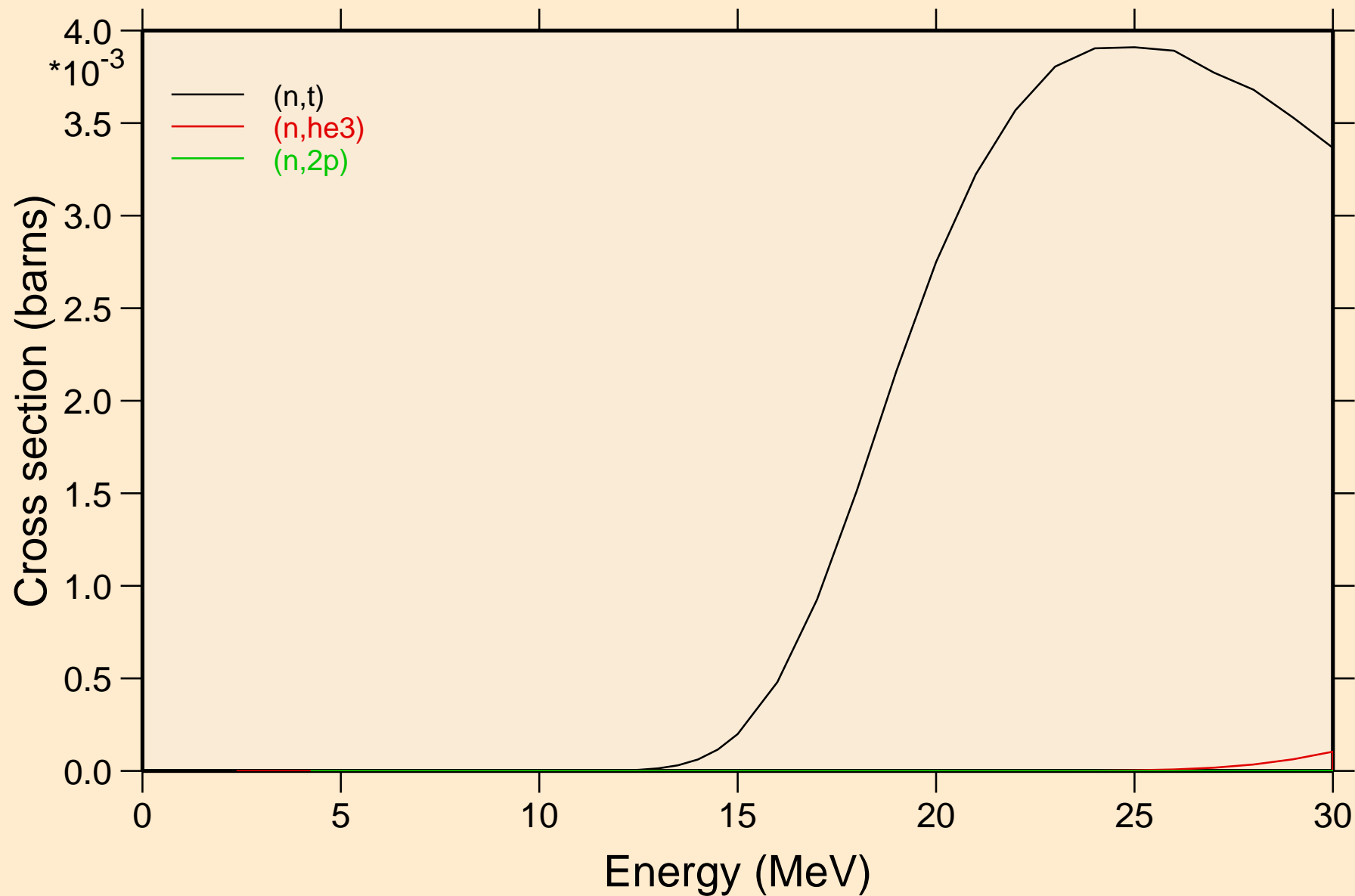
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Threshold reactions



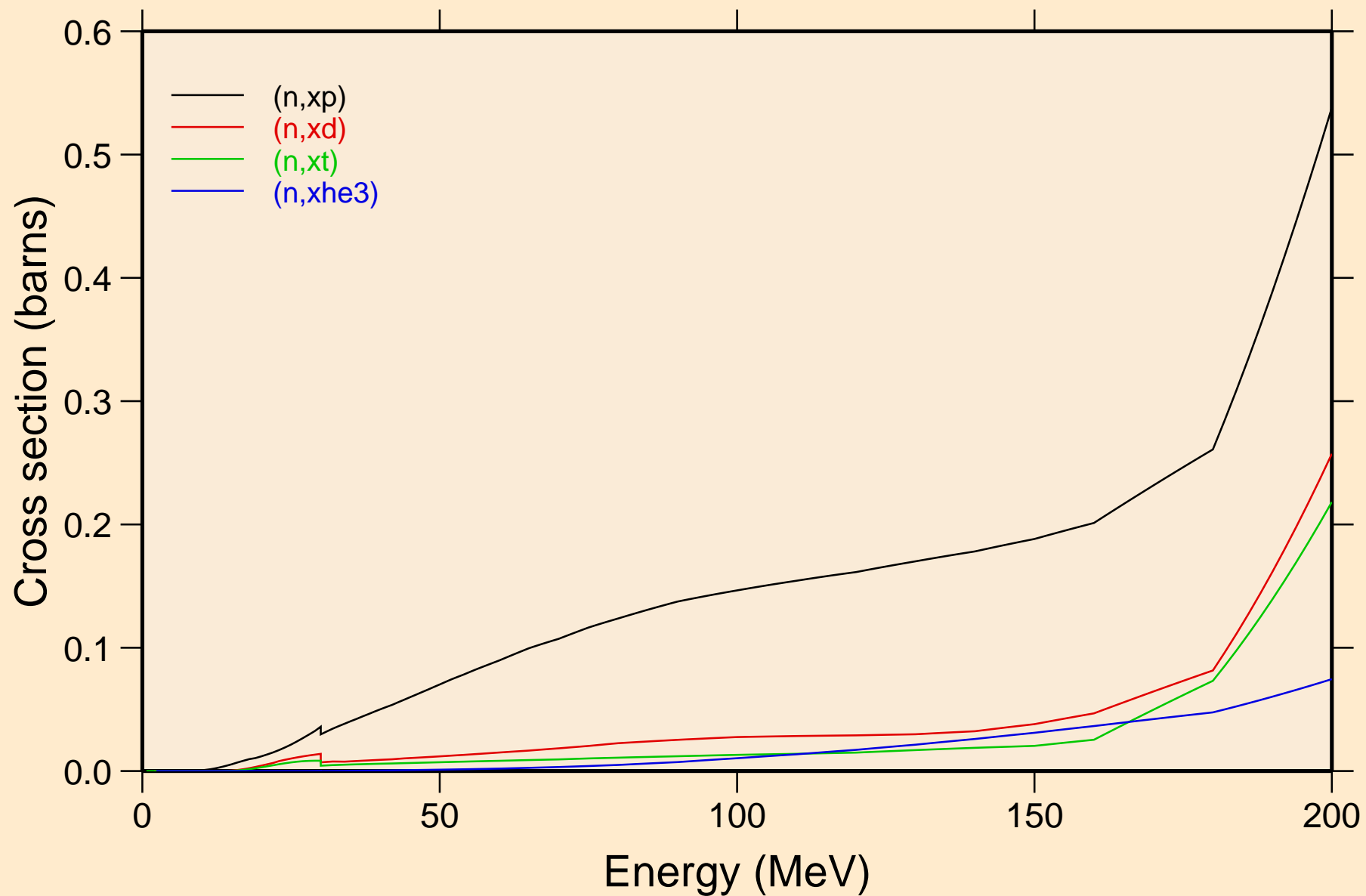
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Threshold reactions



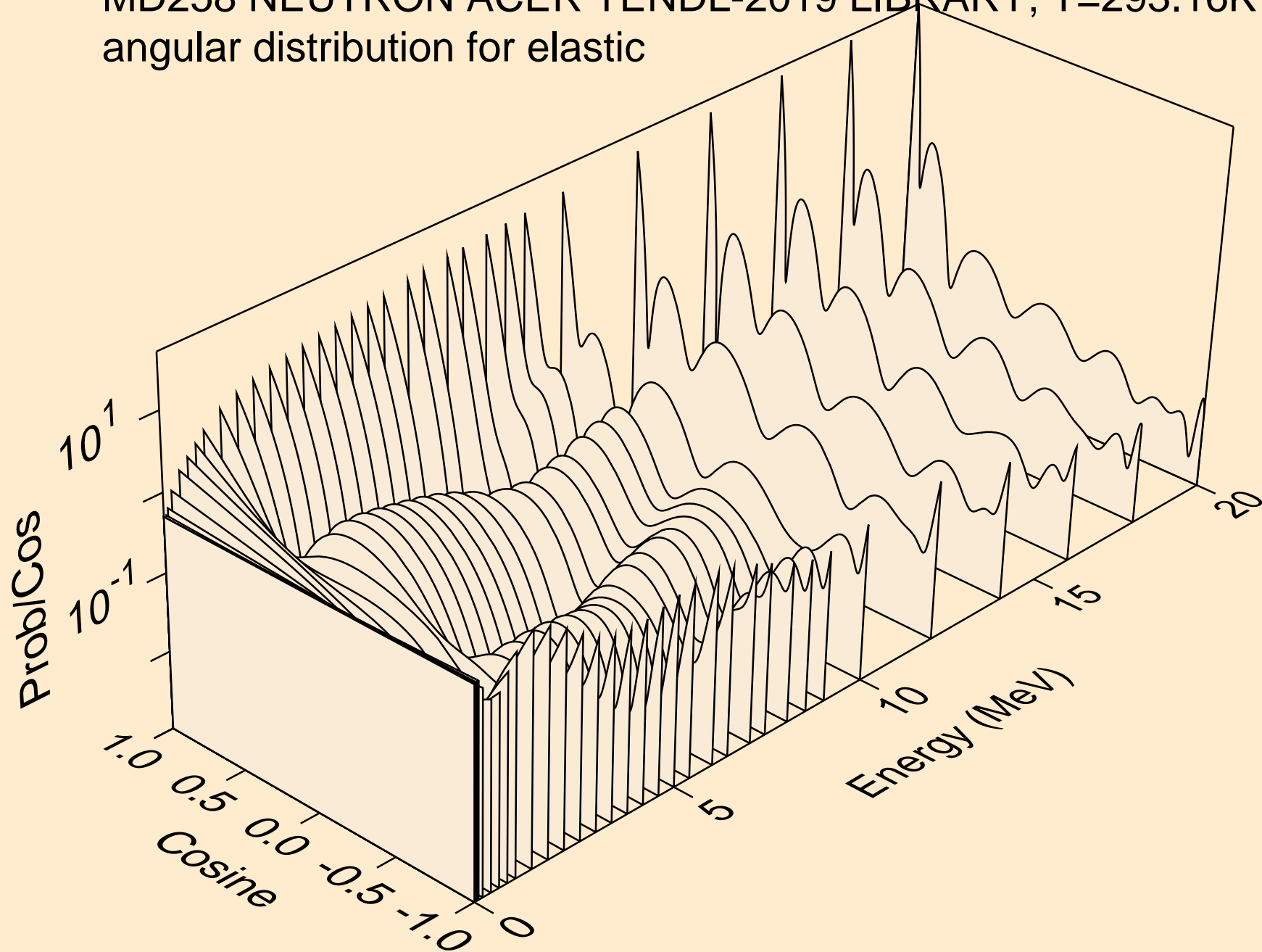
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Threshold reactions



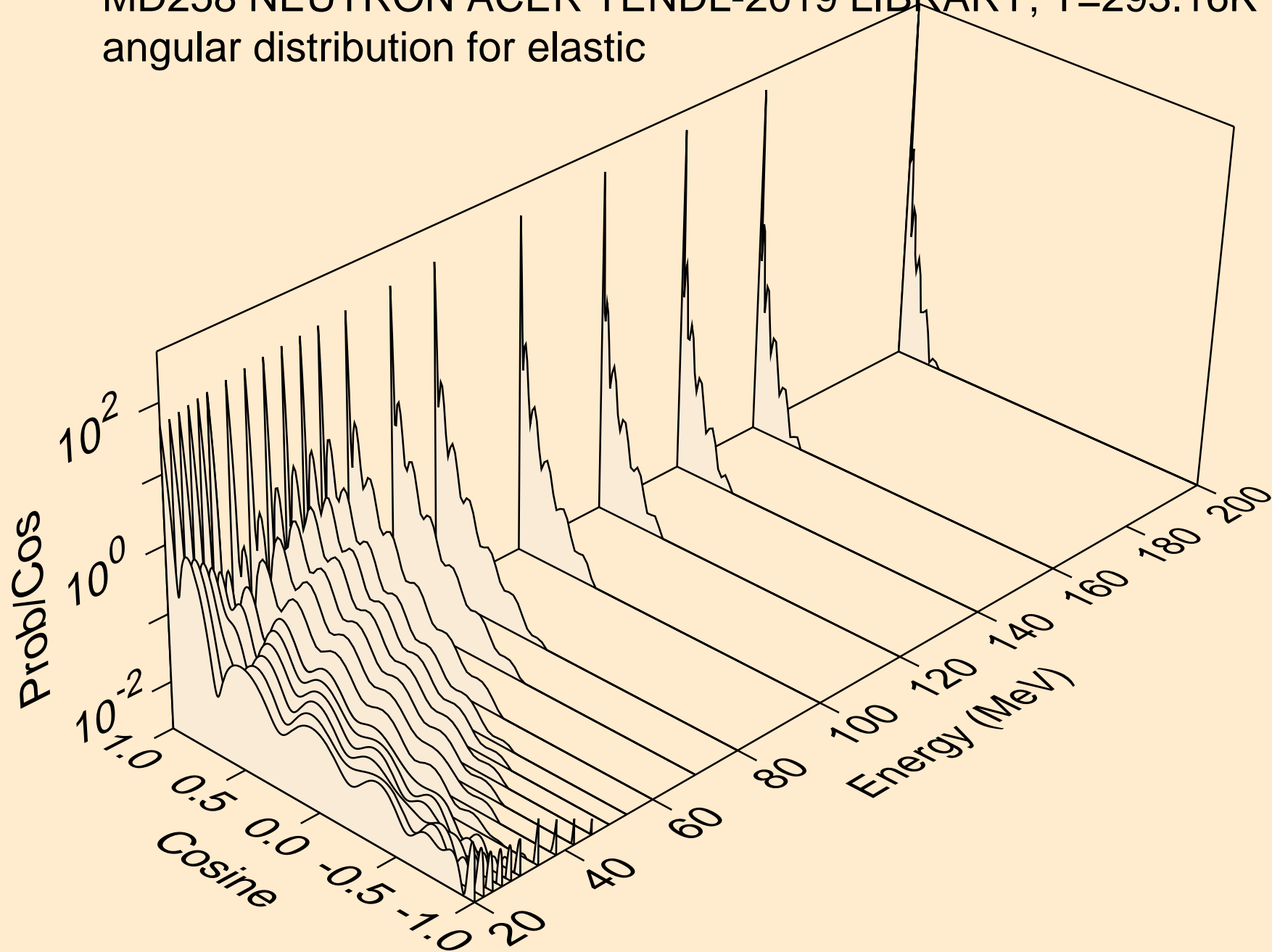
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Threshold reactions



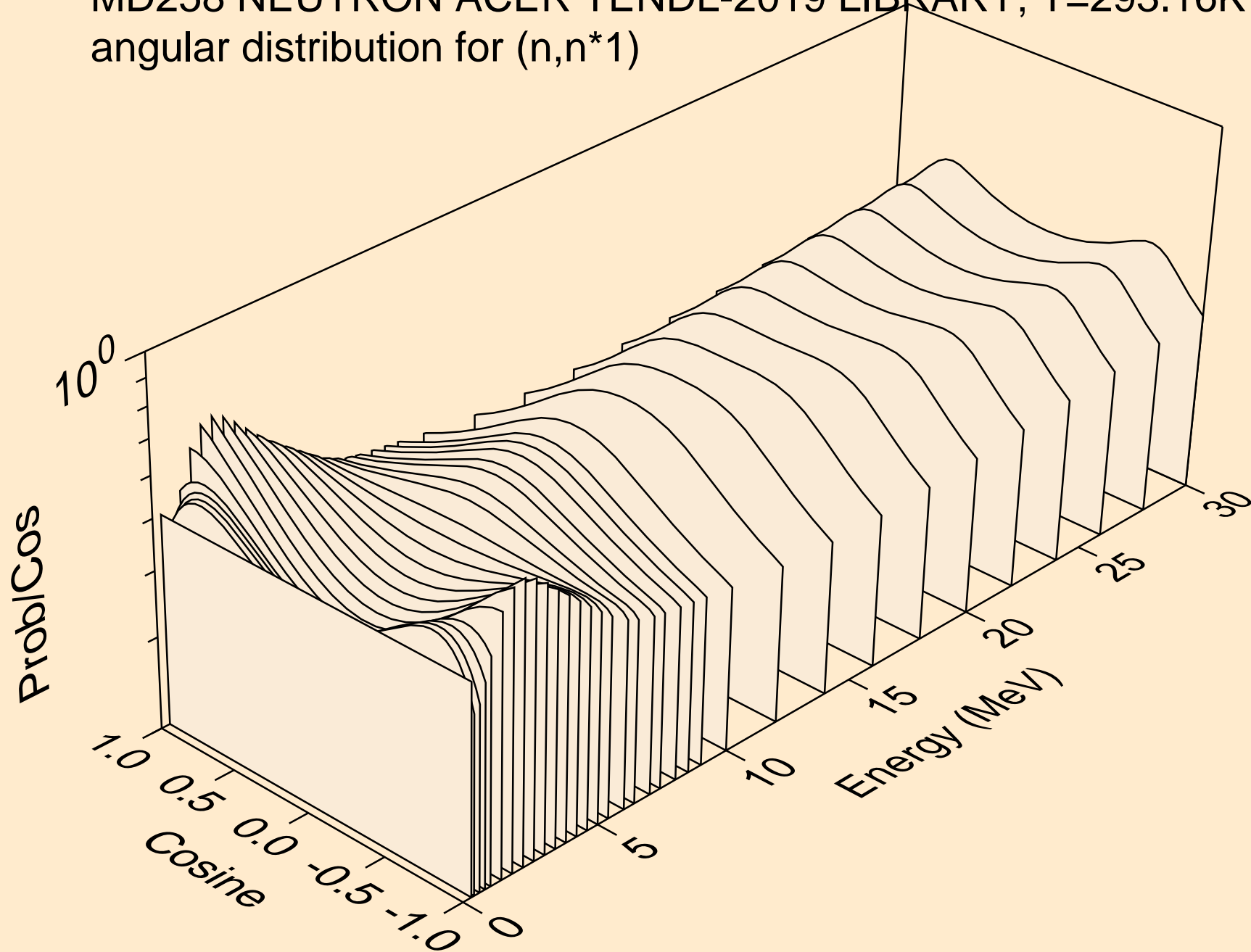
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angular distribution for elastic



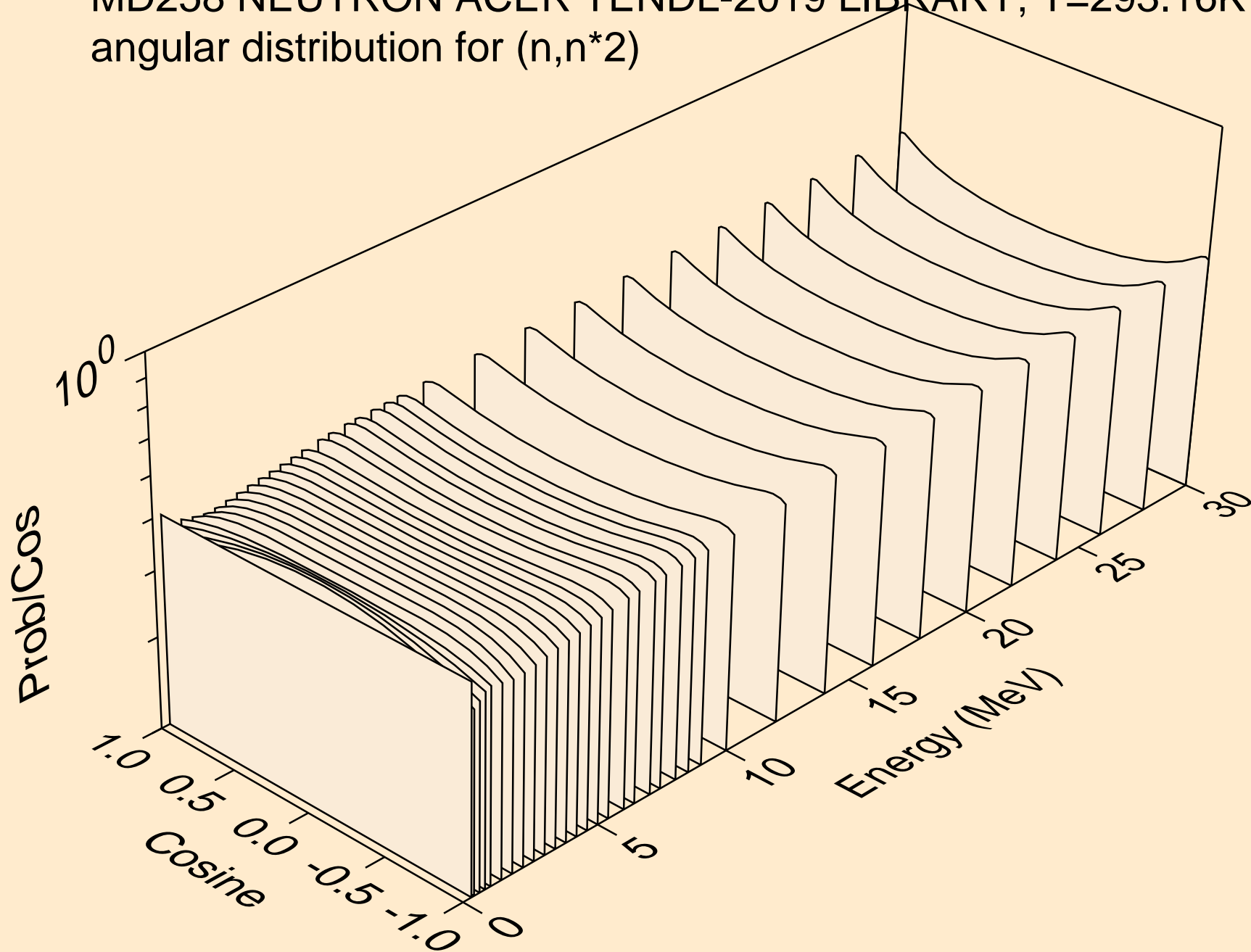
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for elastic



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*1)

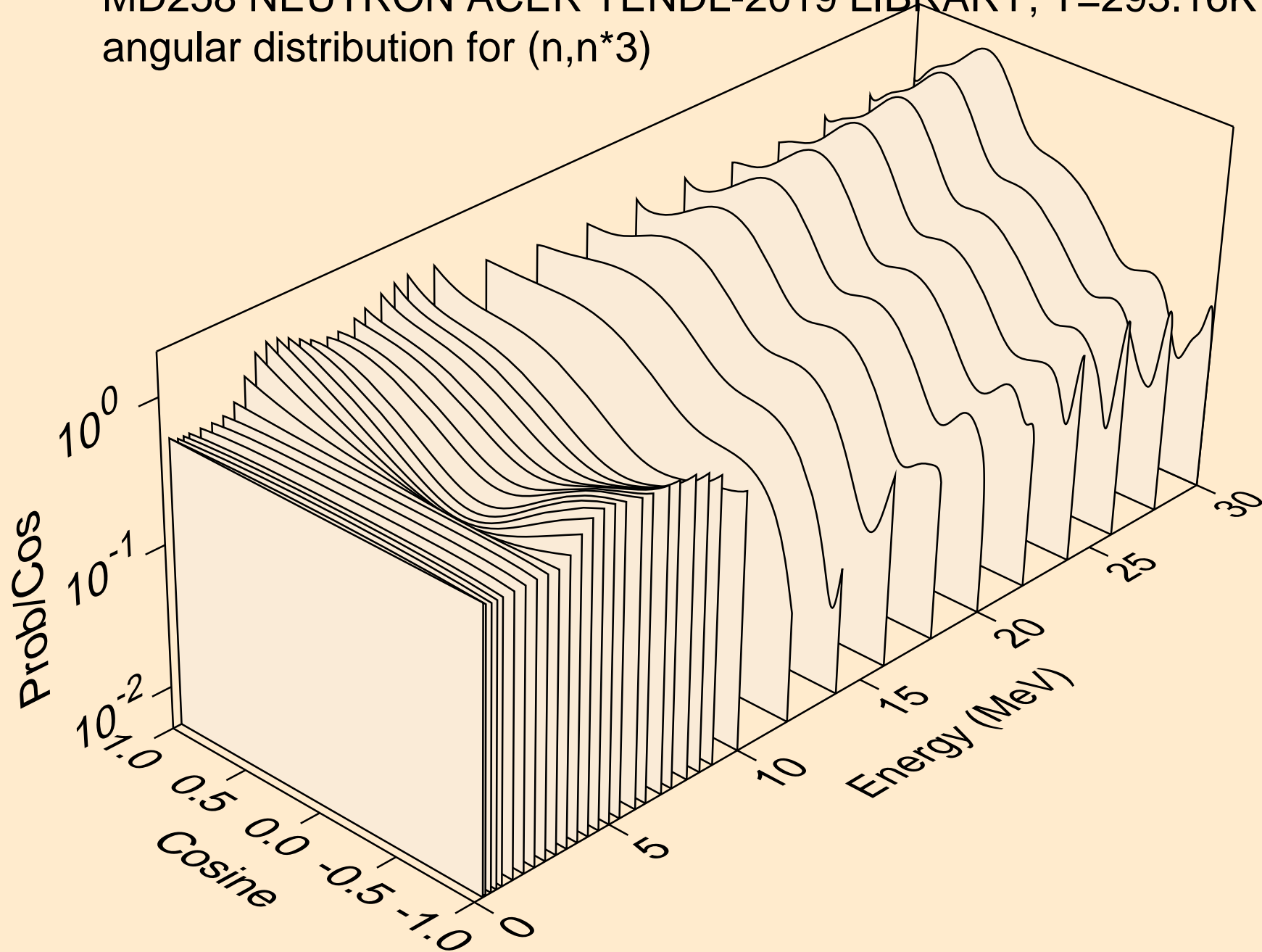


MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*2)

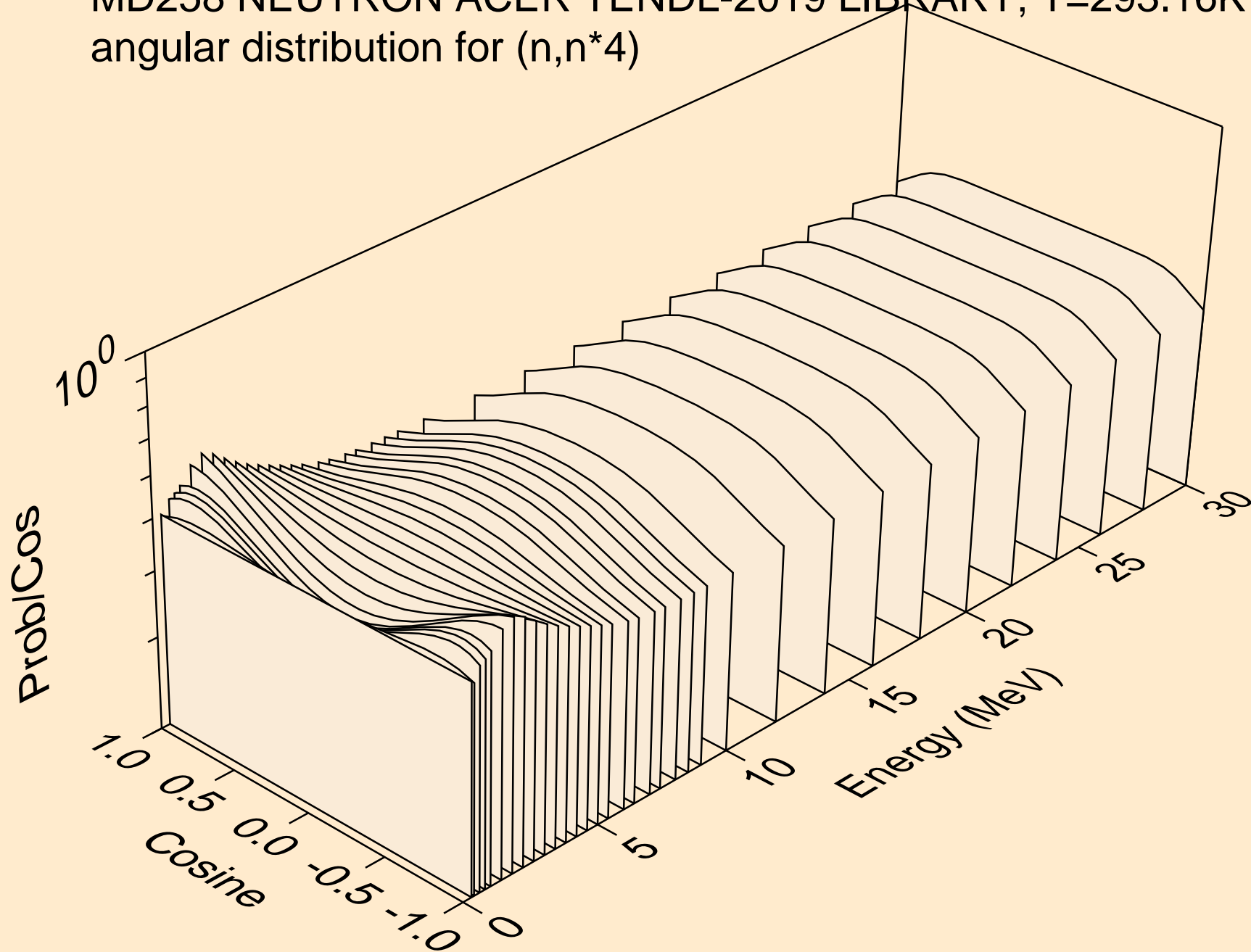




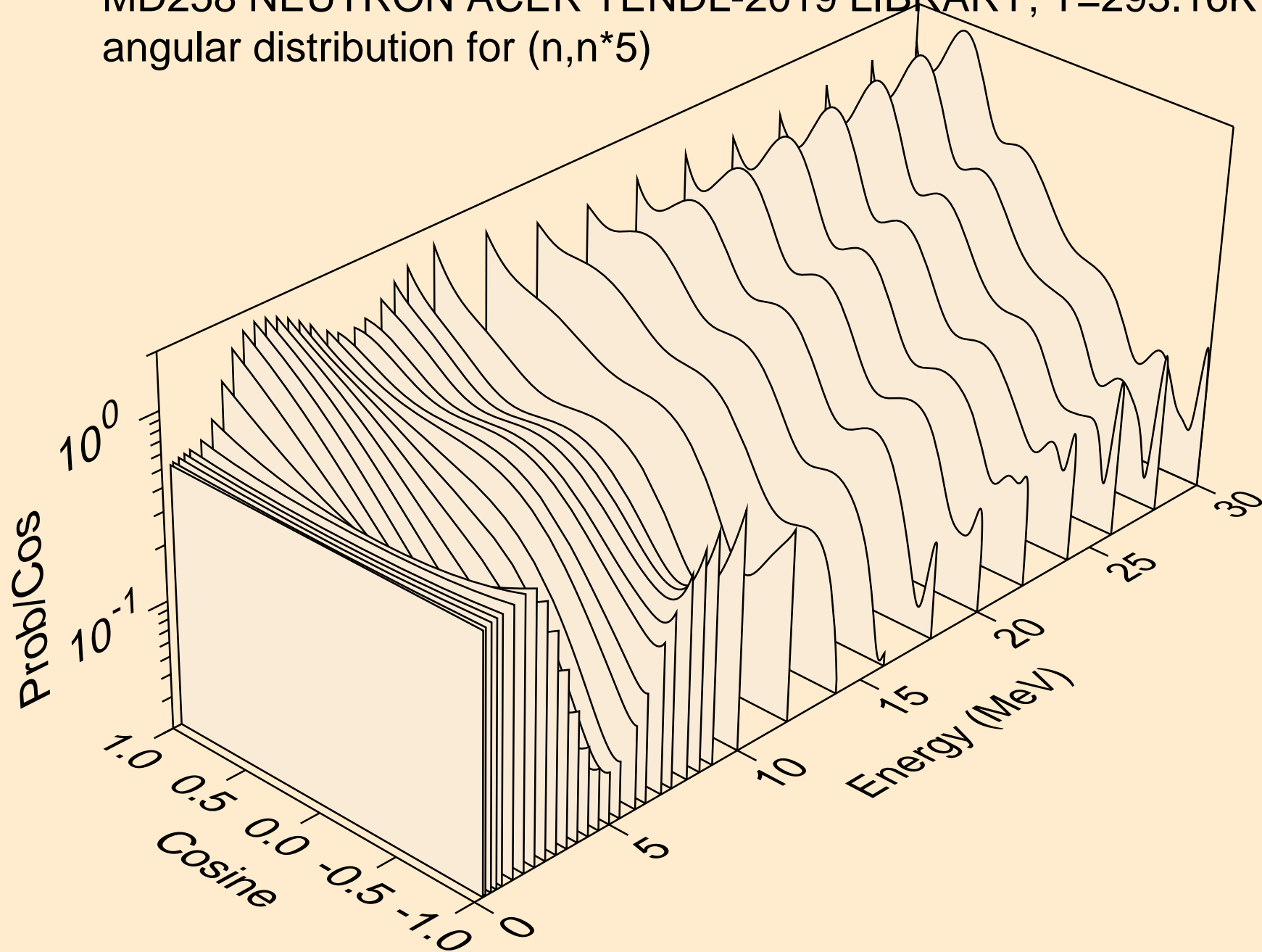
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angular distribution for (n,n\*3)



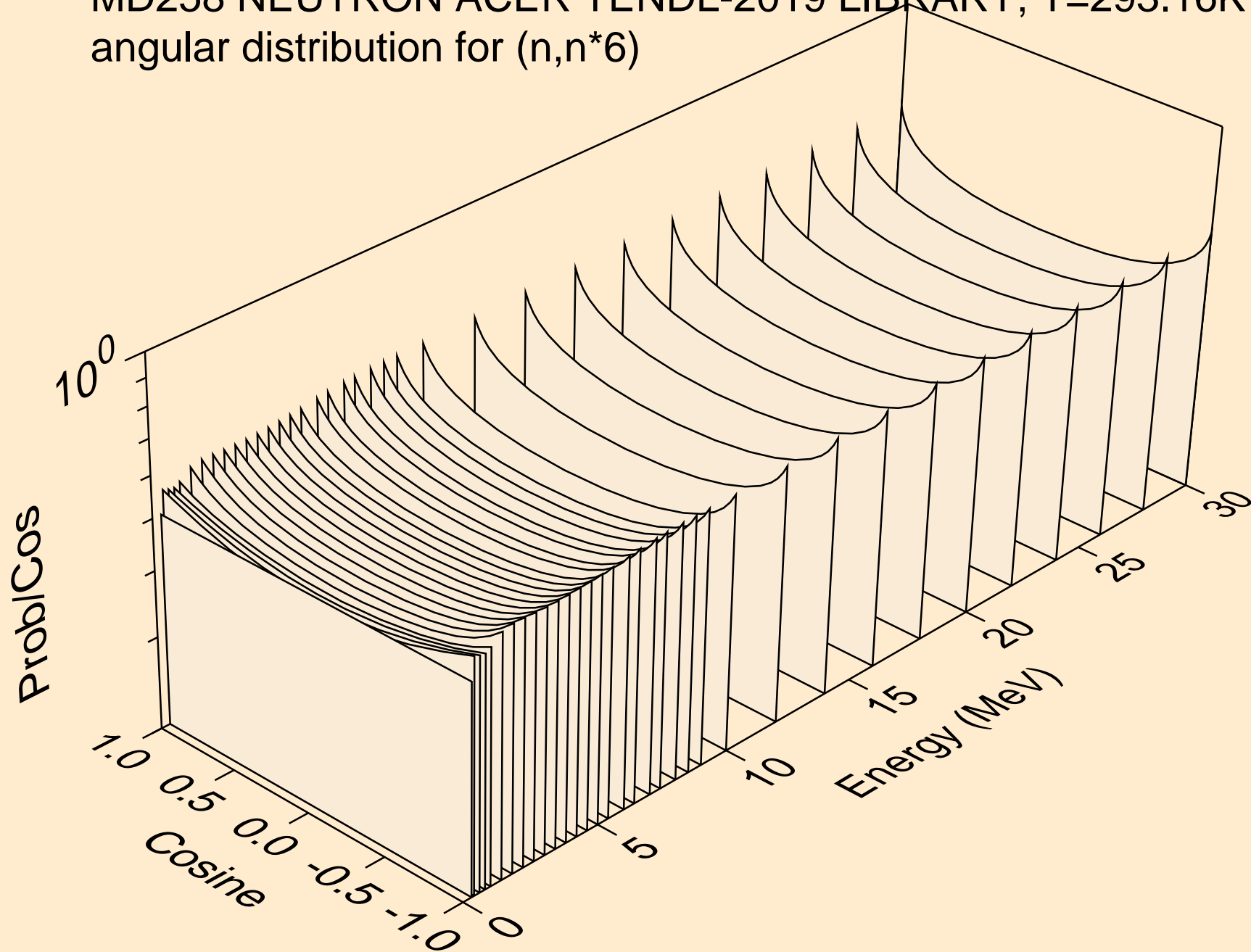
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angular distribution for (n,n\*4)



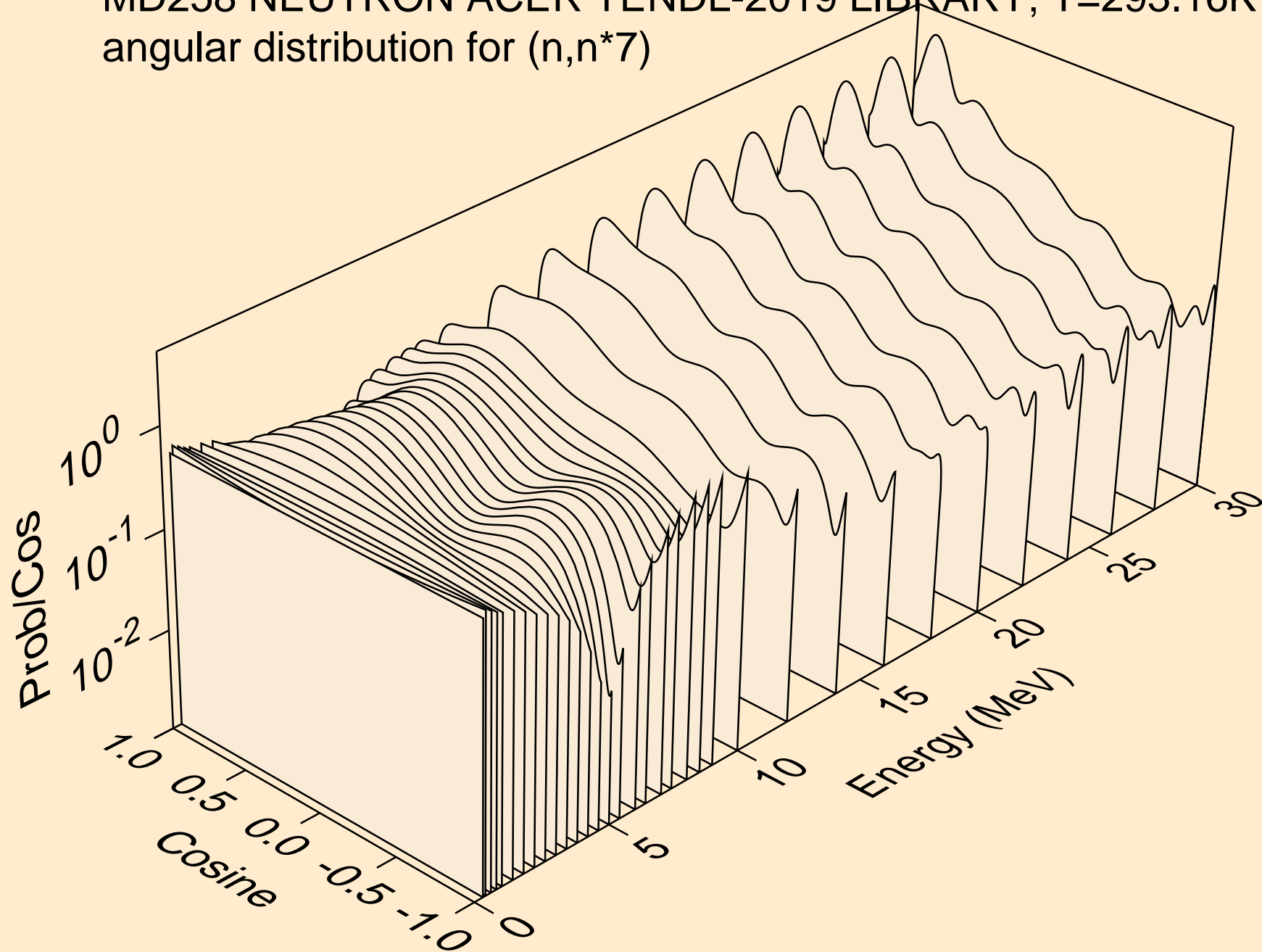
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angular distribution for (n,n\*5)



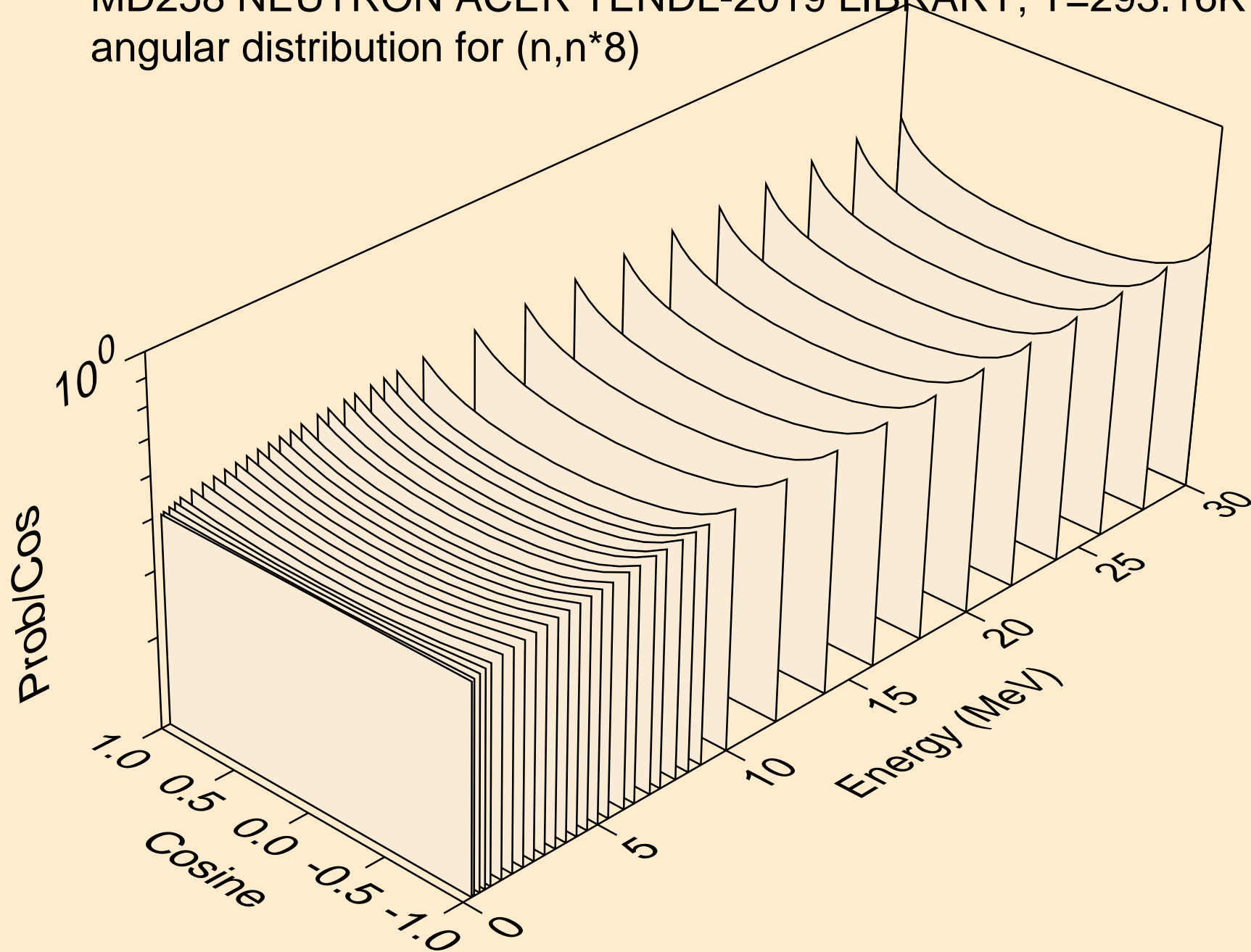
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angular distribution for (n,n\*6)



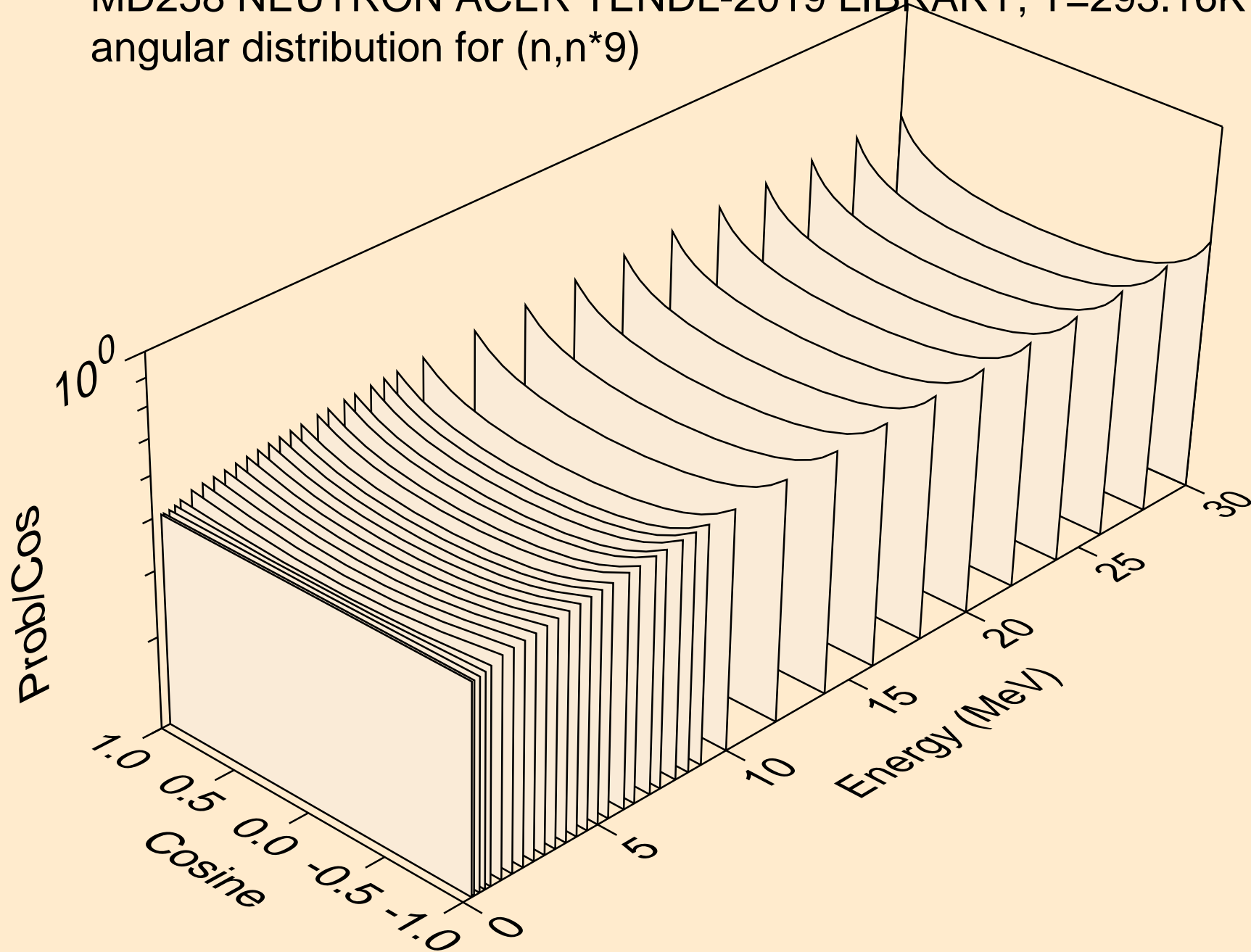
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angular distribution for (n,n\*7)



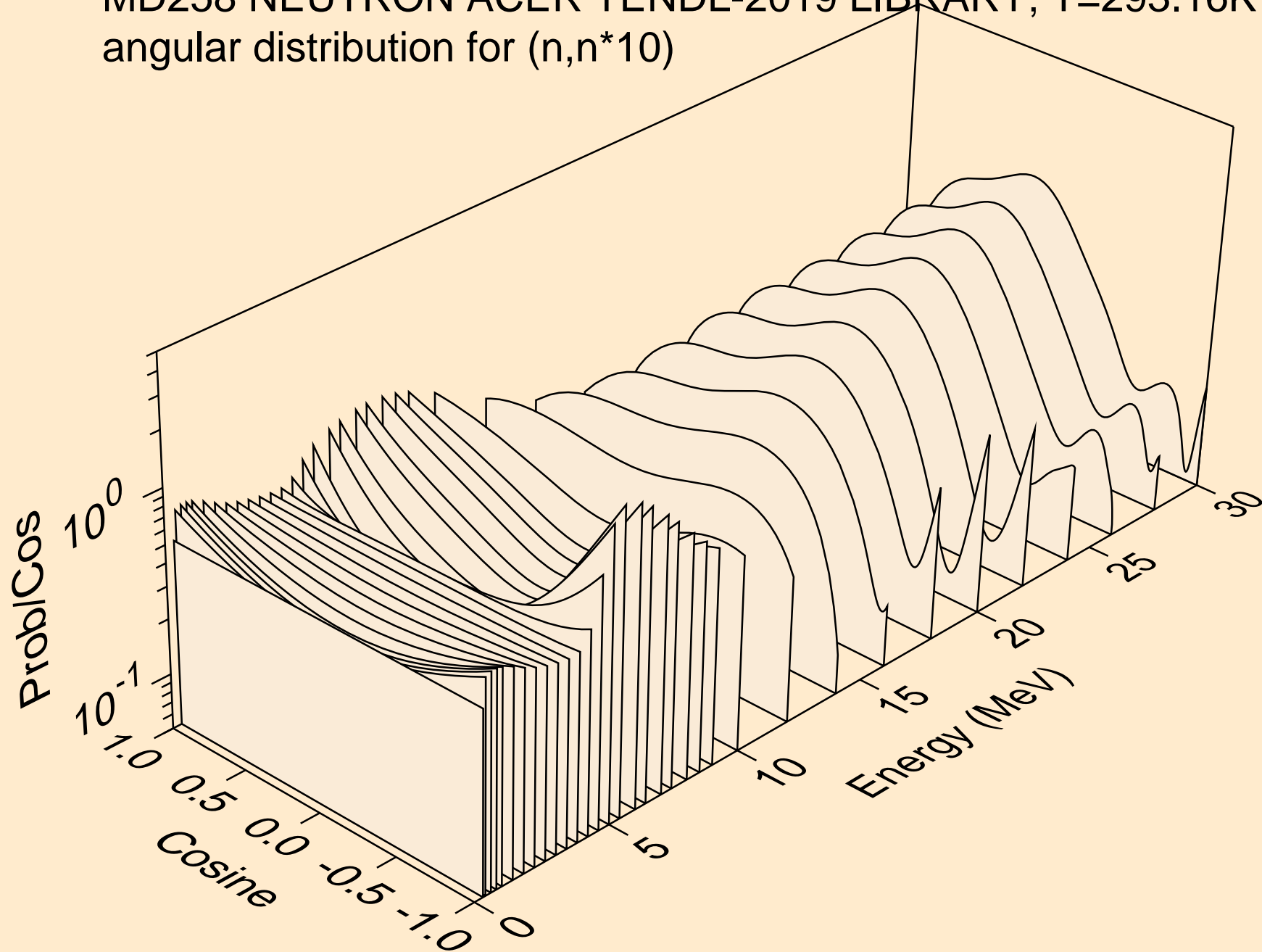
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angular distribution for (n,n\*8)



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*9)

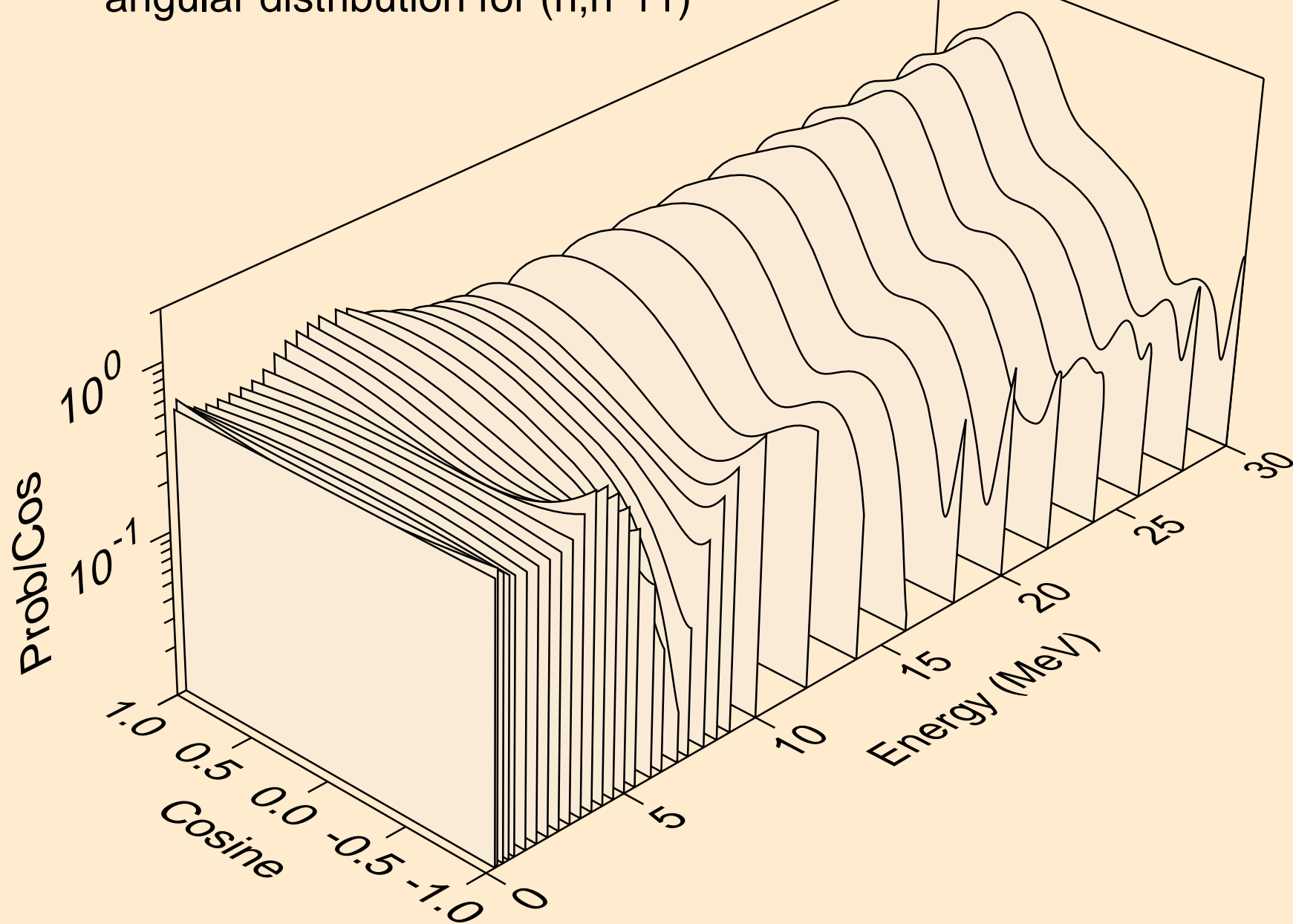


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angular distribution for (n,n\*10)

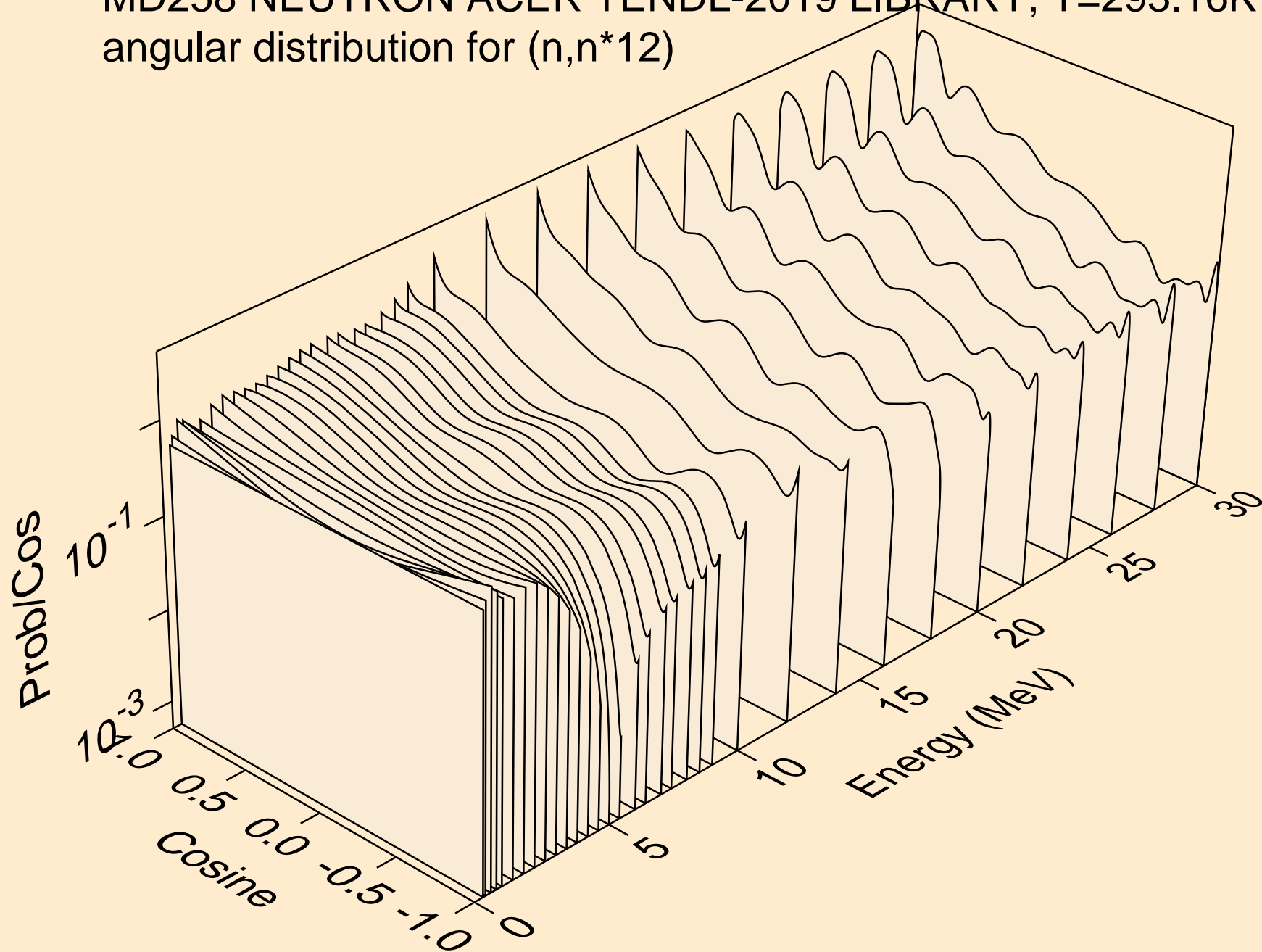




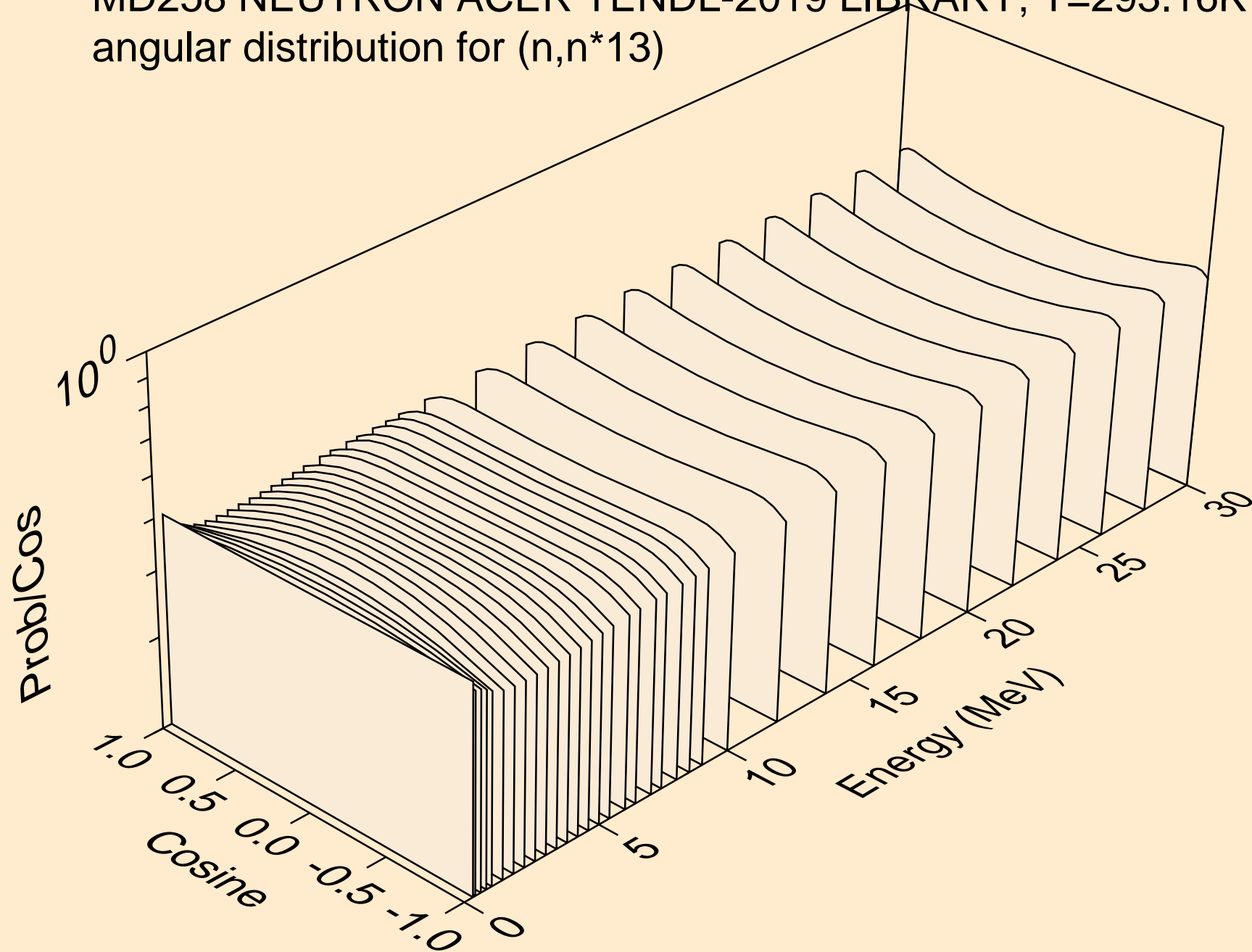
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angular distribution for (n,n\*11)



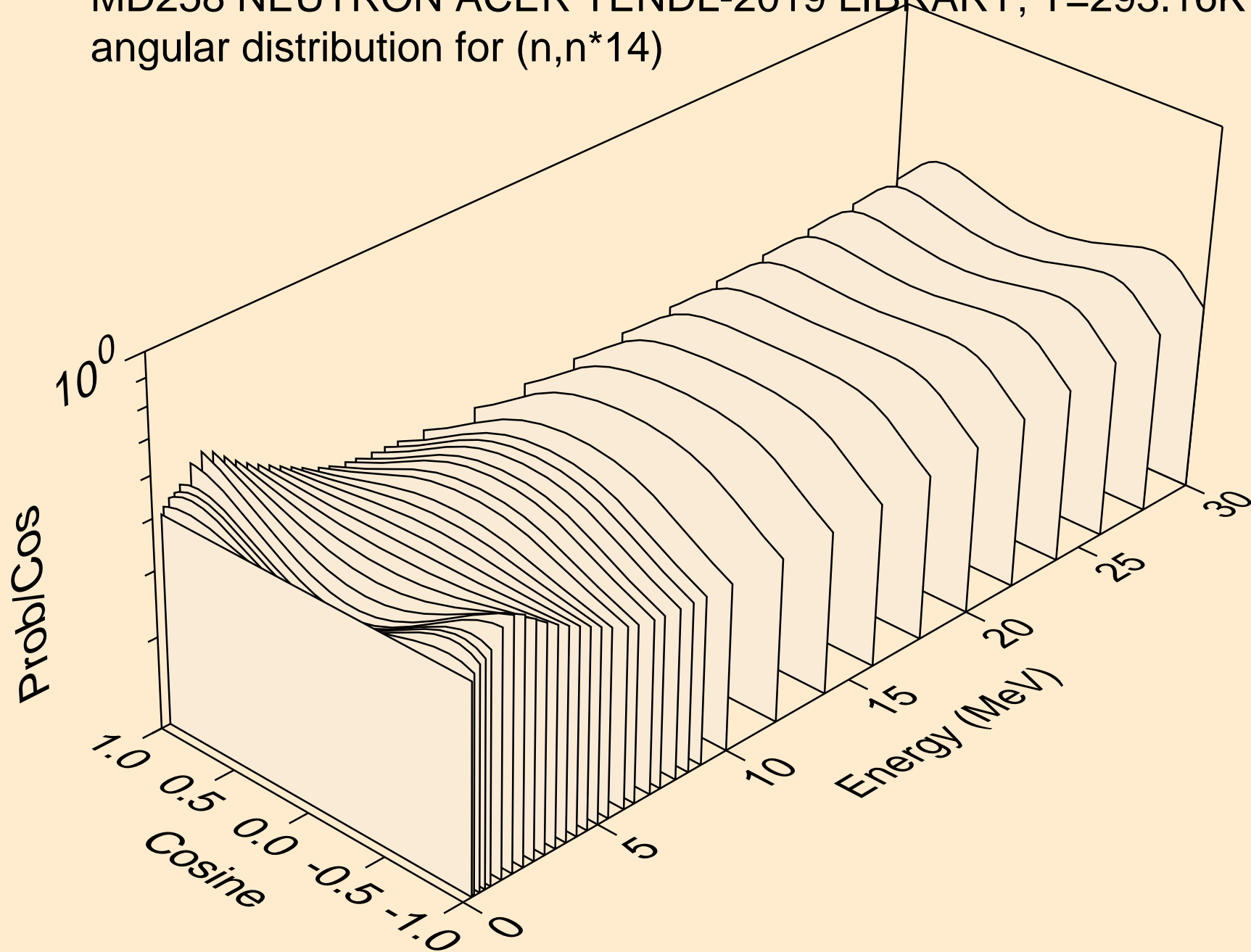
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angular distribution for (n,n\*12)



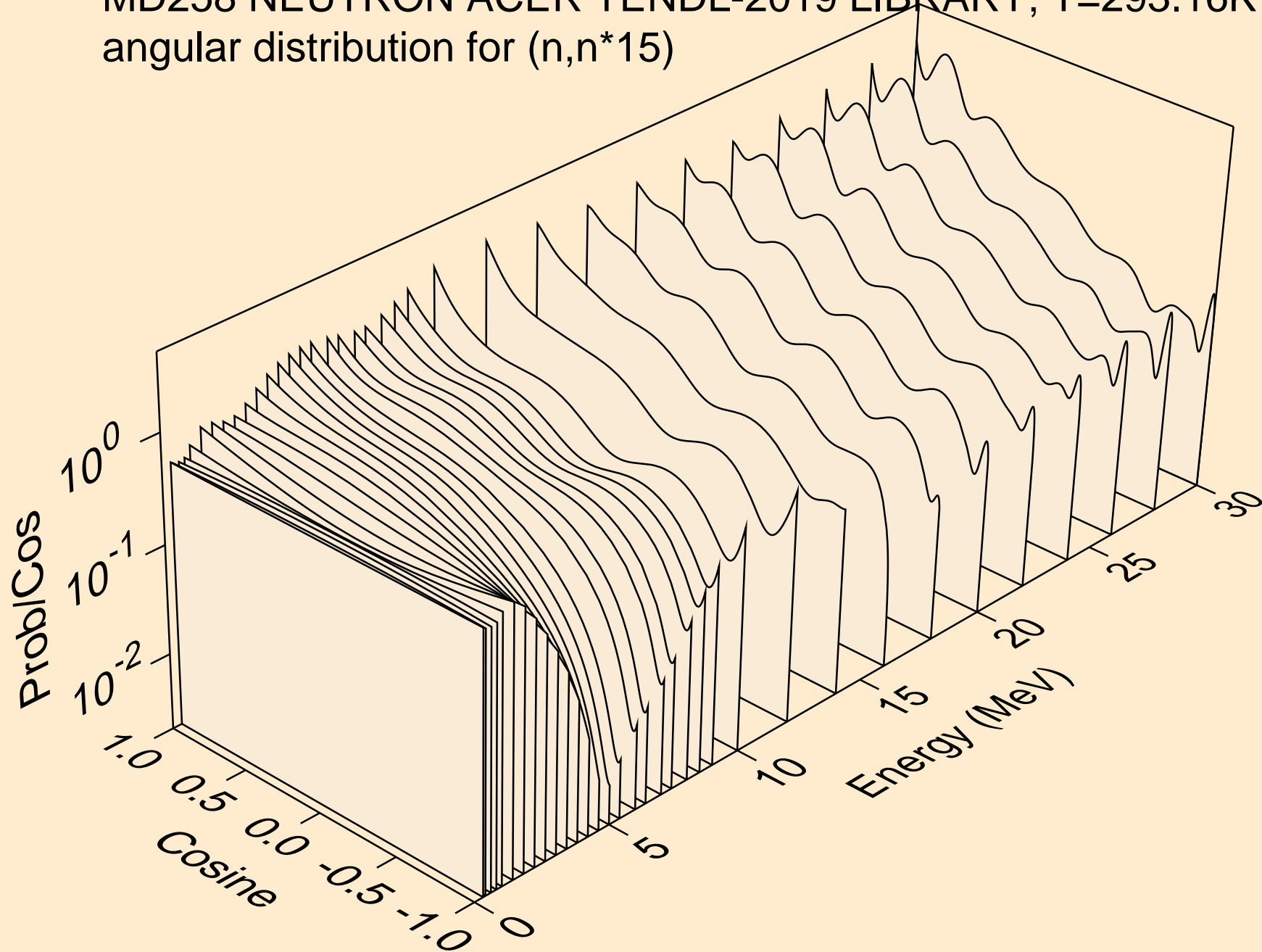
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angular distribution for (n,n\*13)



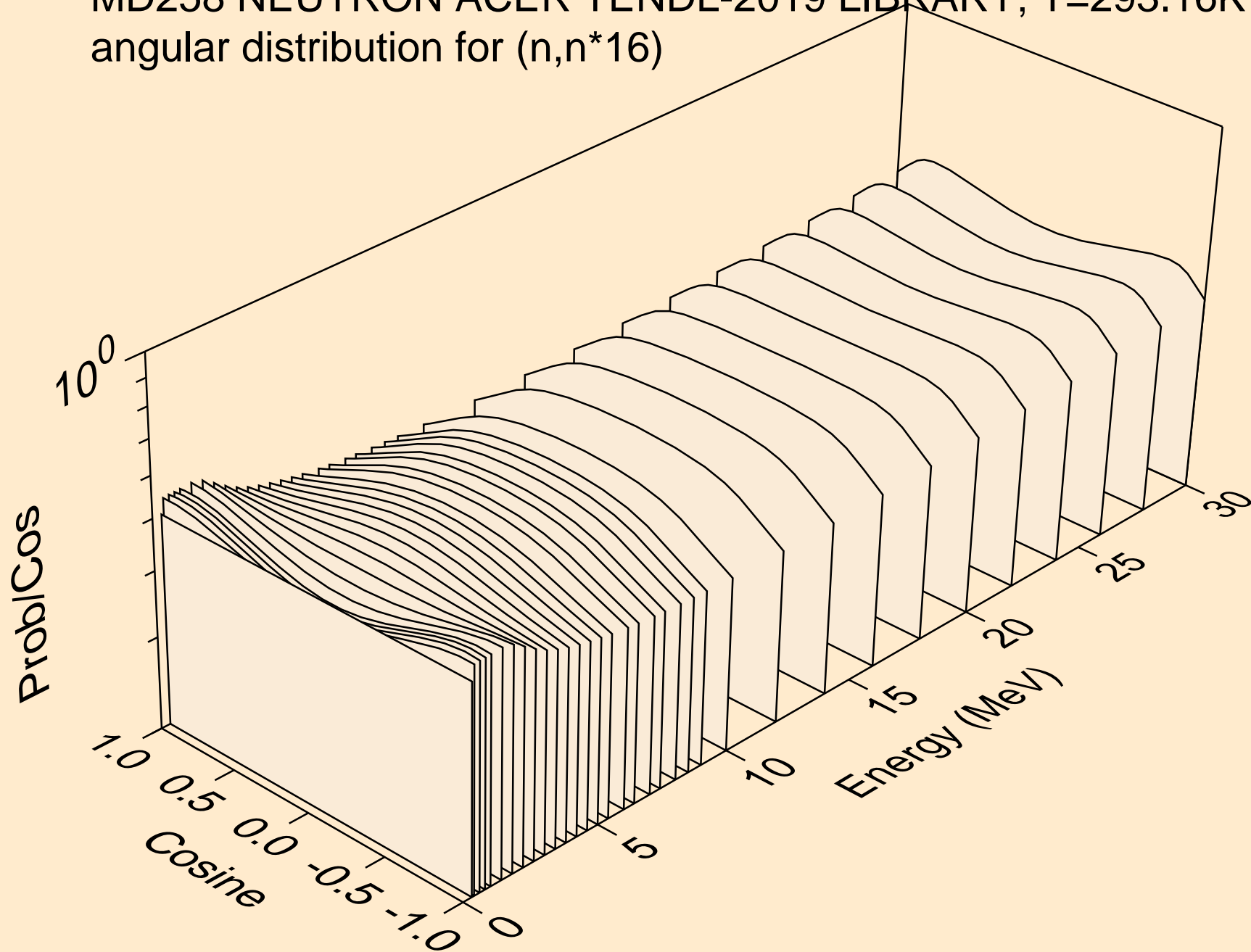
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angular distribution for (n,n\*14)



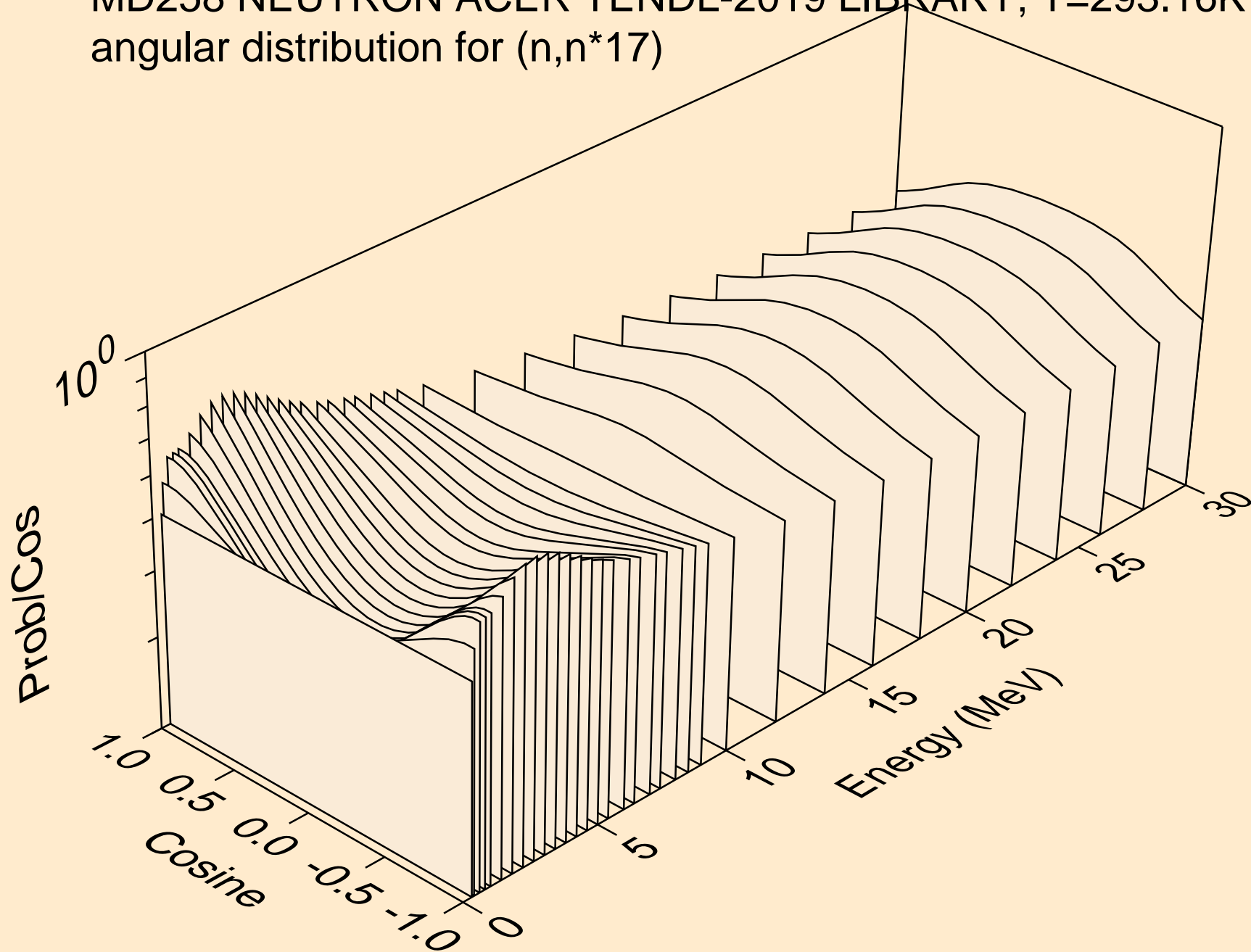
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angular distribution for (n,n\*15)



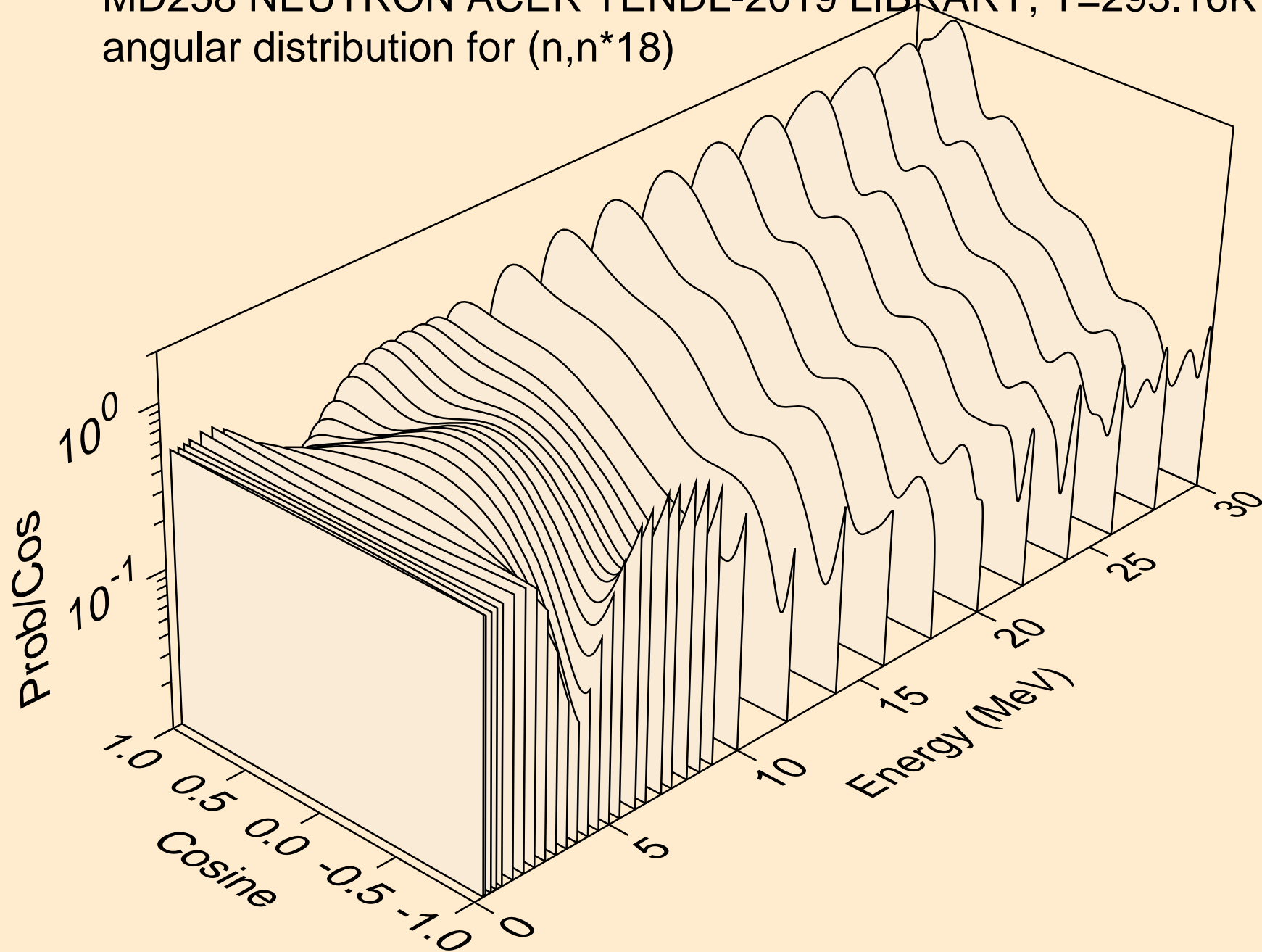
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angular distribution for (n,n\*16)



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*17)

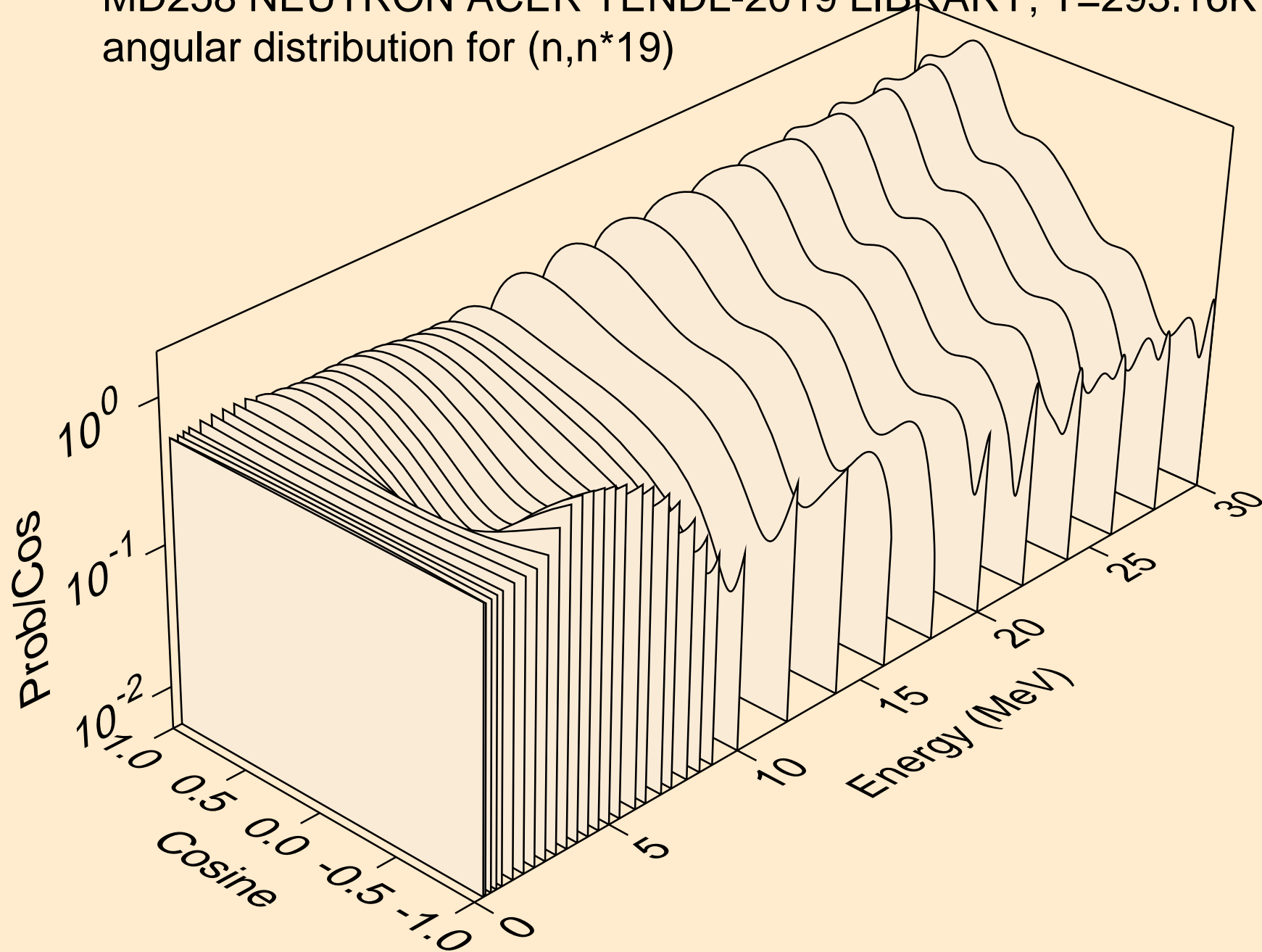


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angular distribution for (n,n\*18)

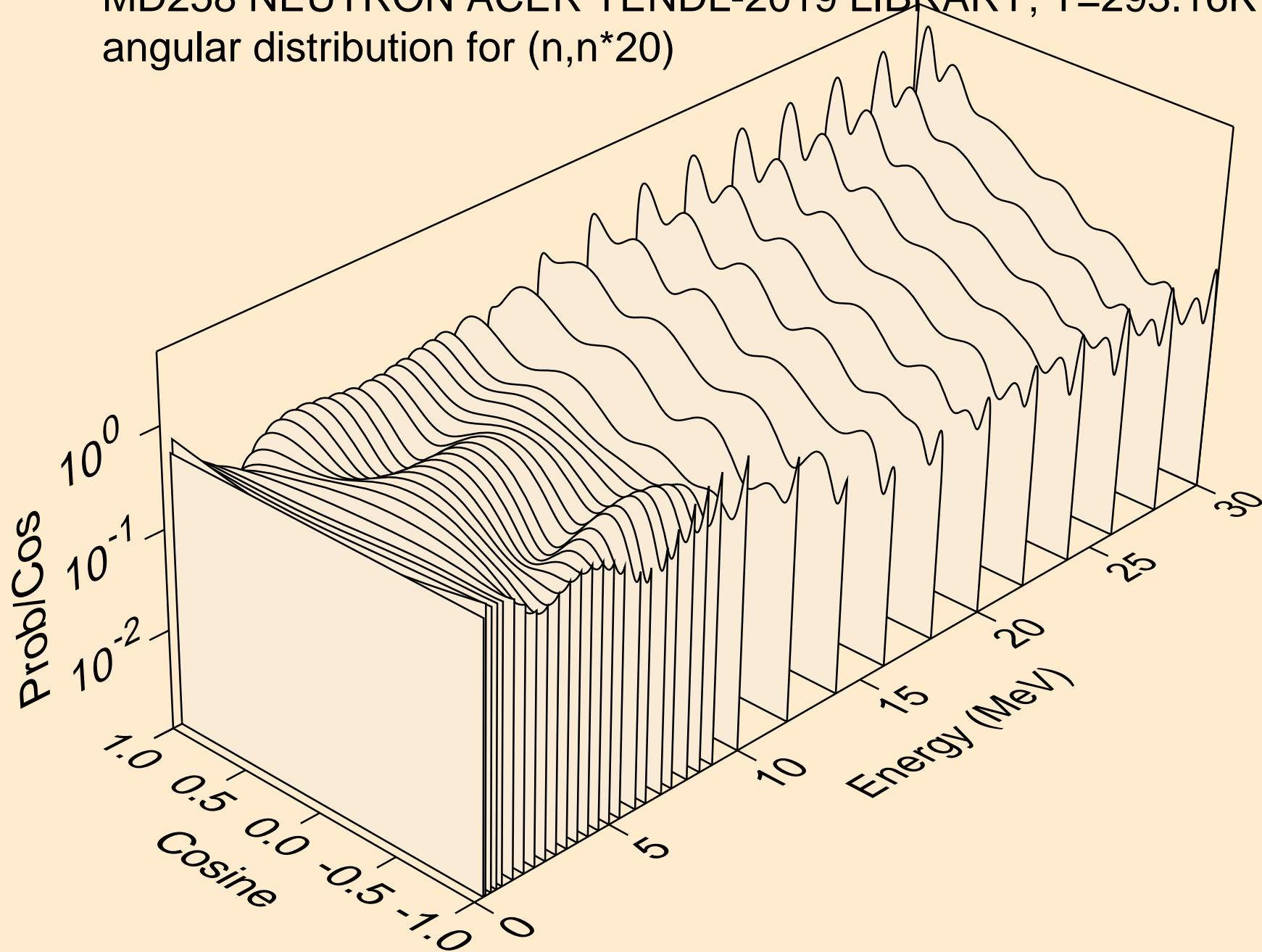




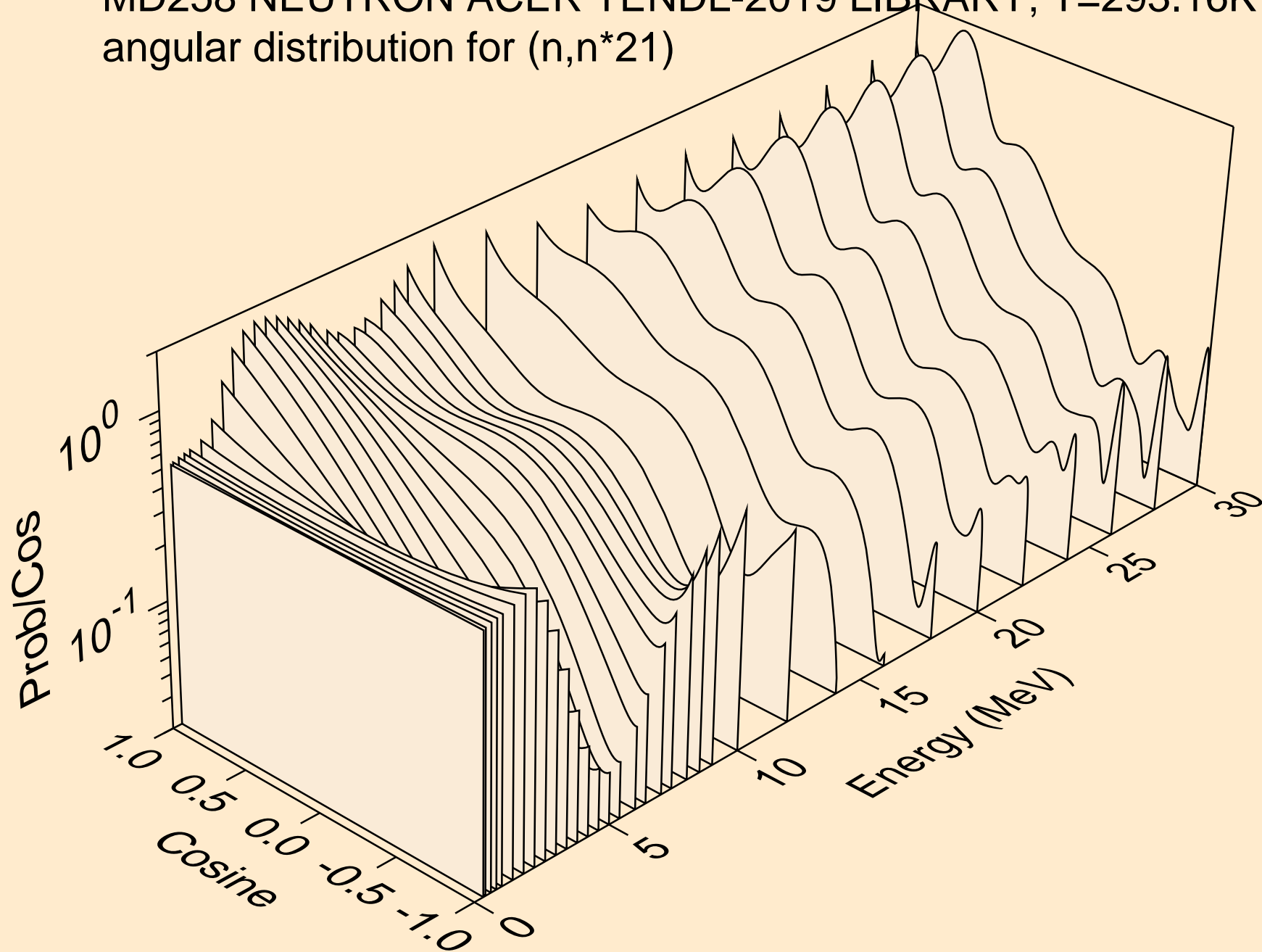
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angular distribution for (n,n\*19)



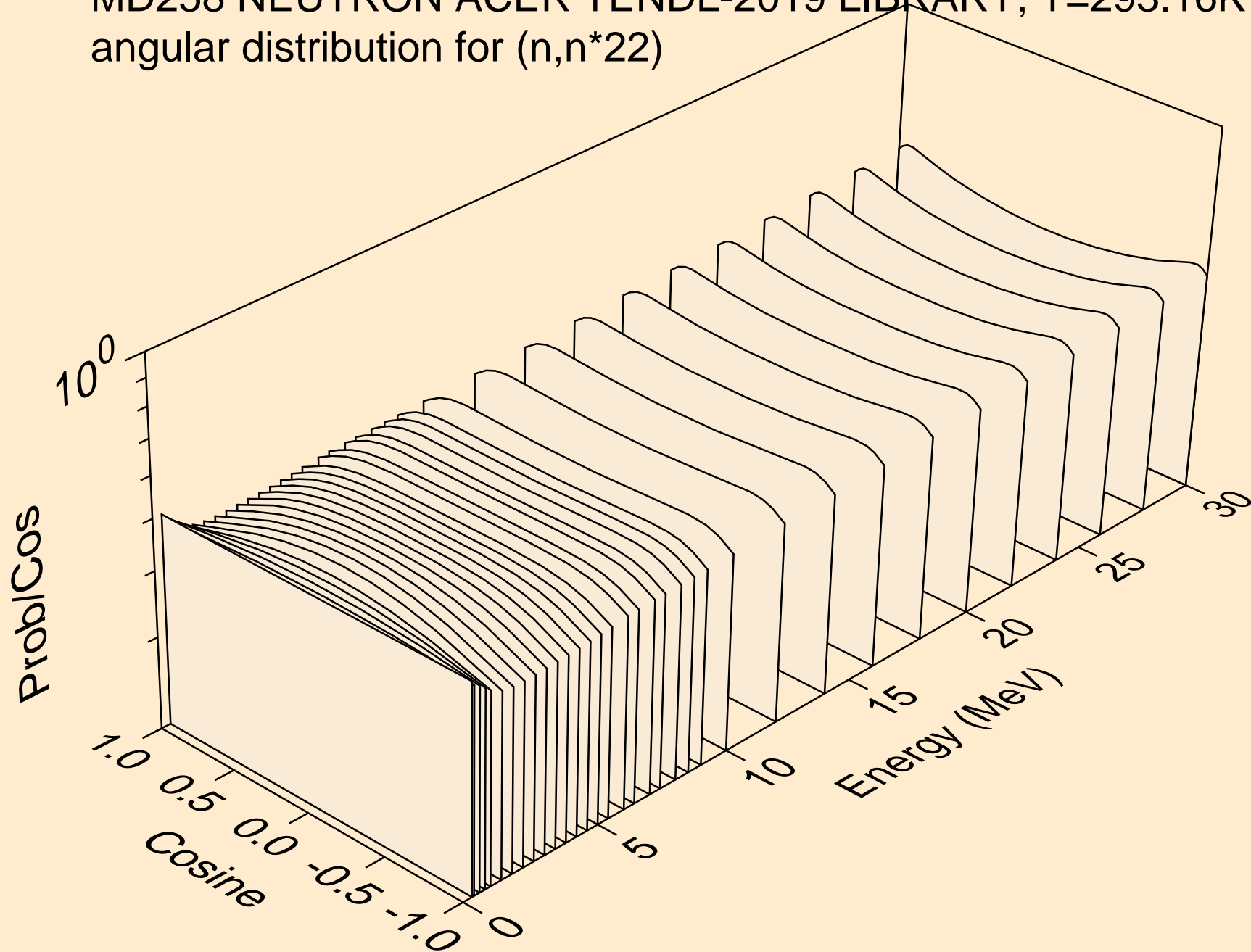
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angular distribution for (n,n\*20)



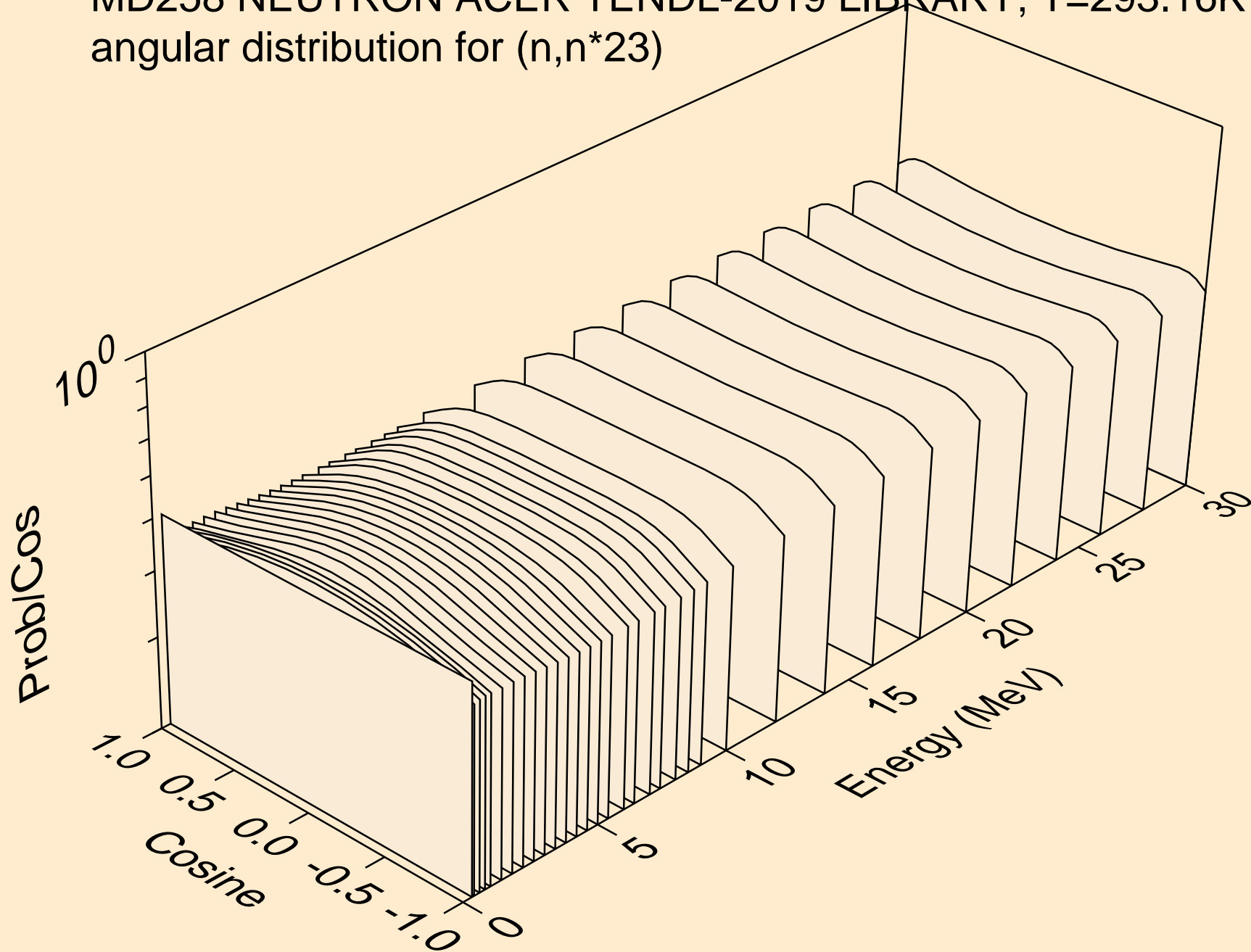
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angular distribution for (n,n\*21)



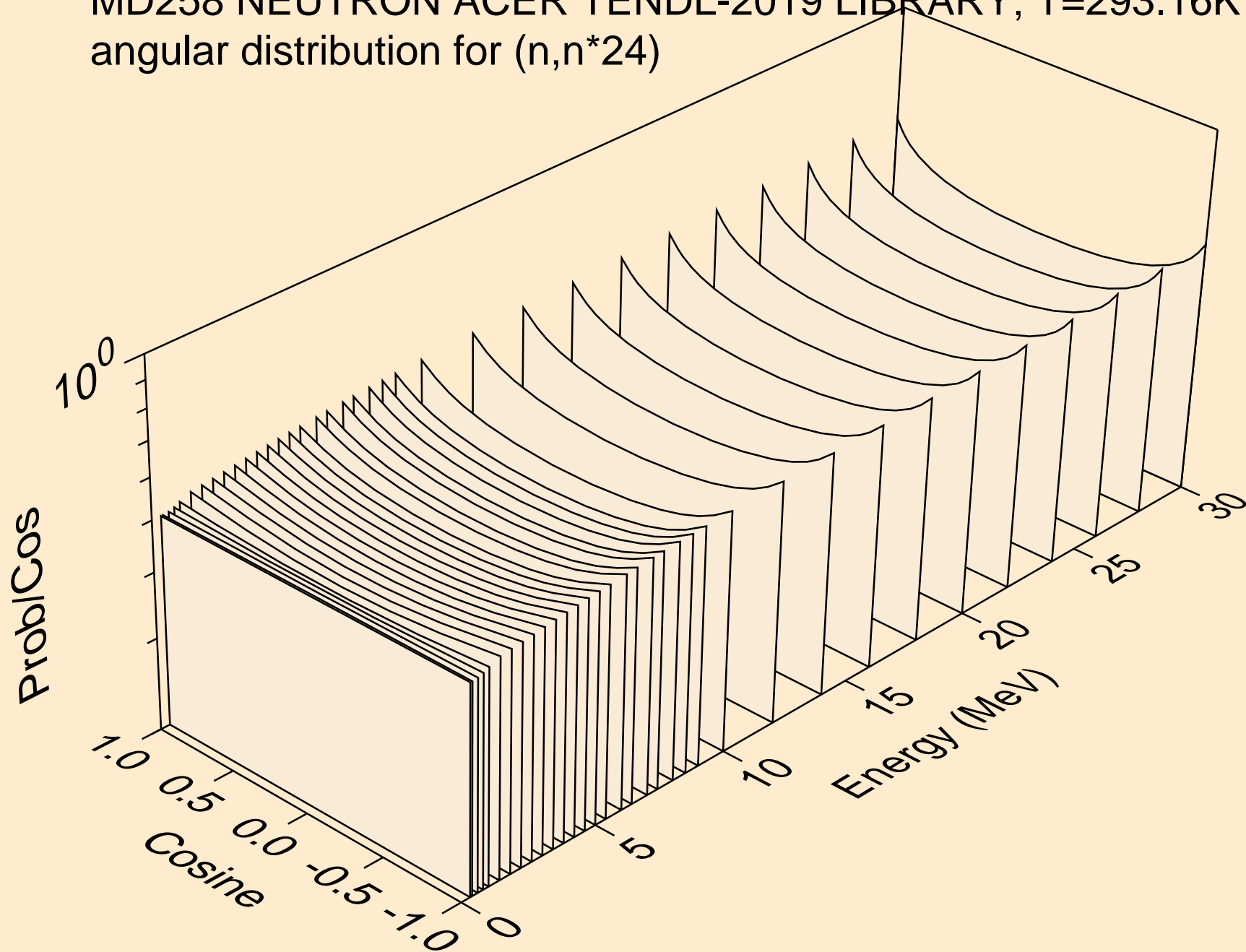
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angular distribution for (n,n\*22)



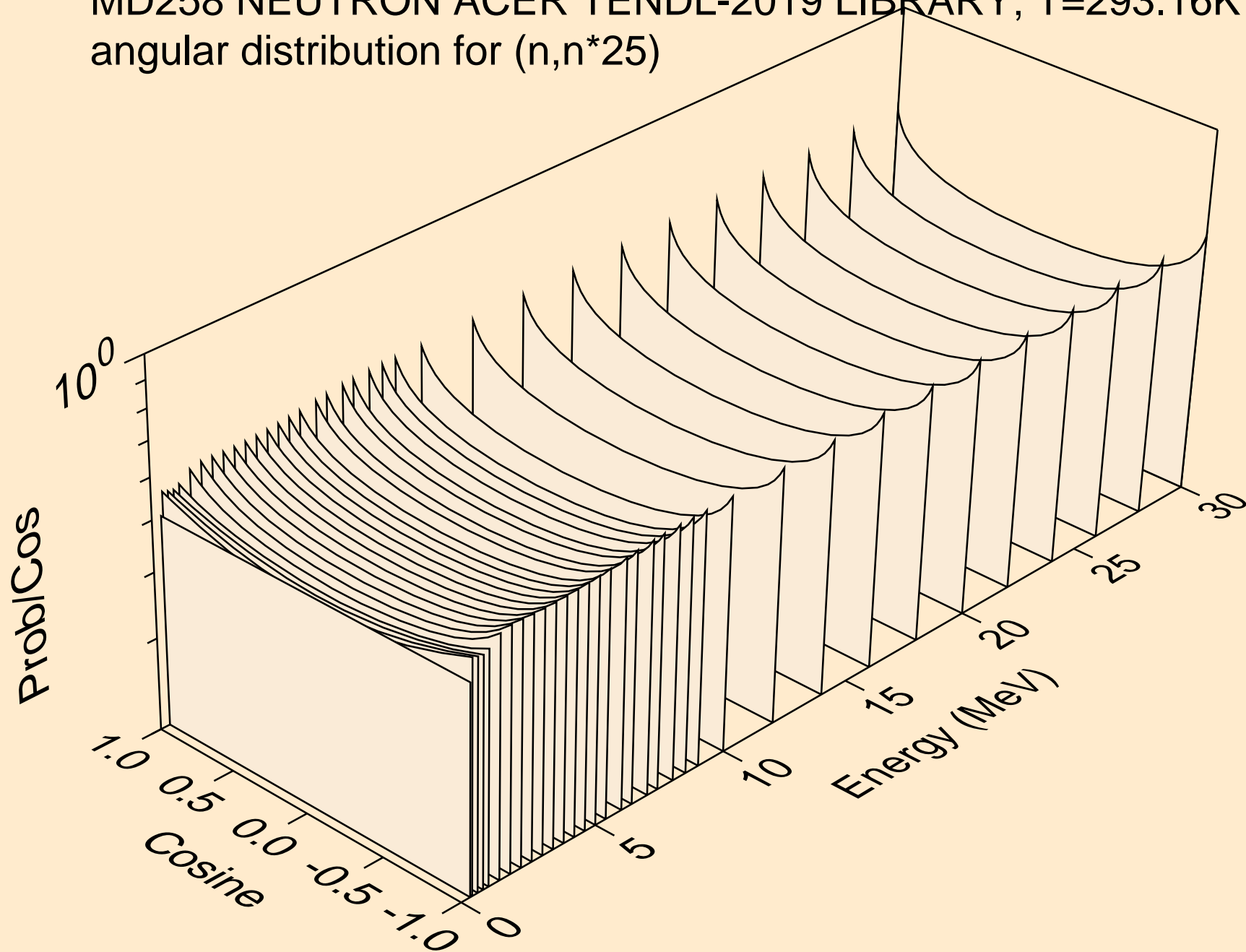
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angular distribution for (n,n\*23)



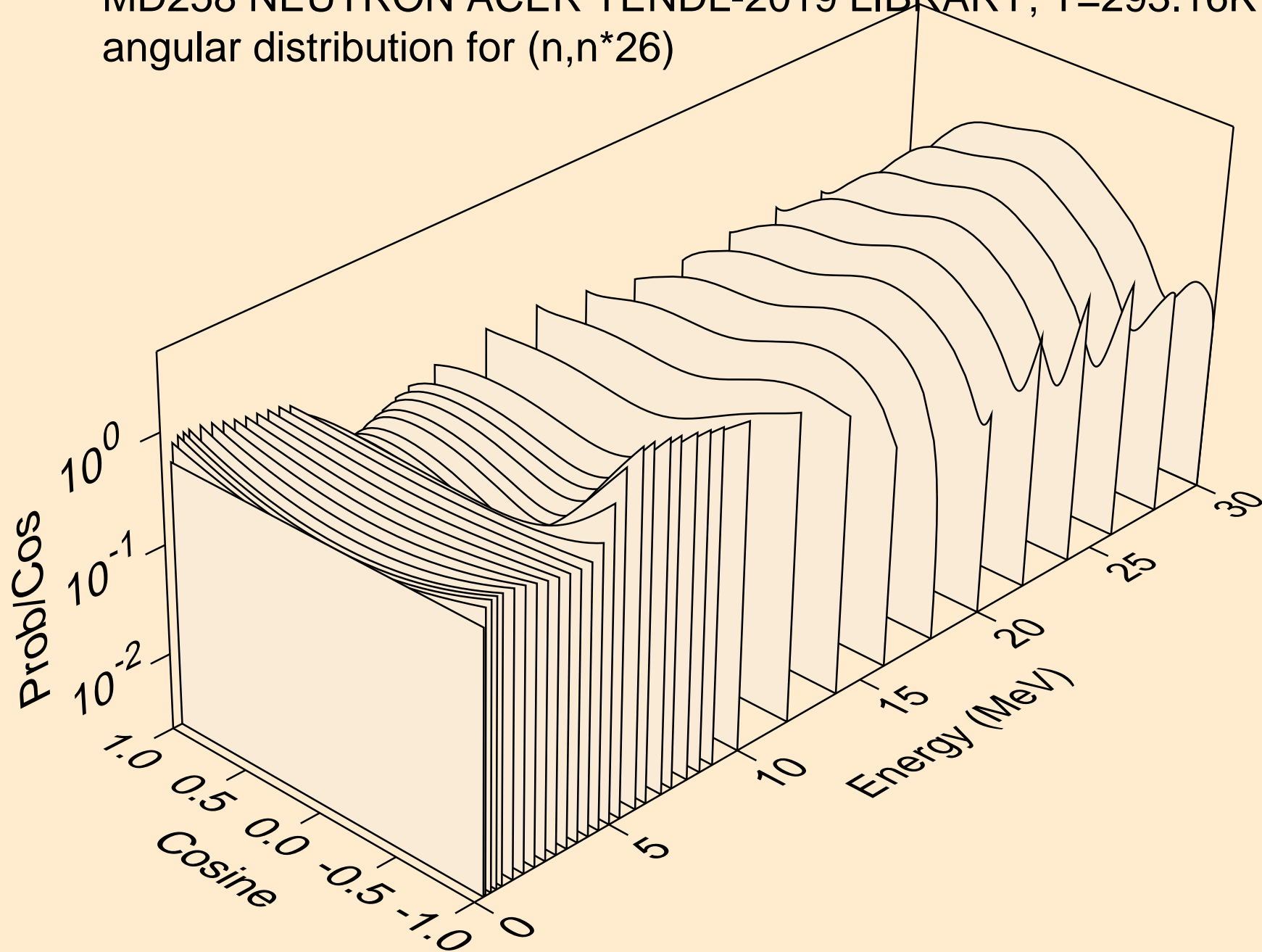
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angular distribution for (n,n\*24)



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
angular distribution for (n,n\*25)

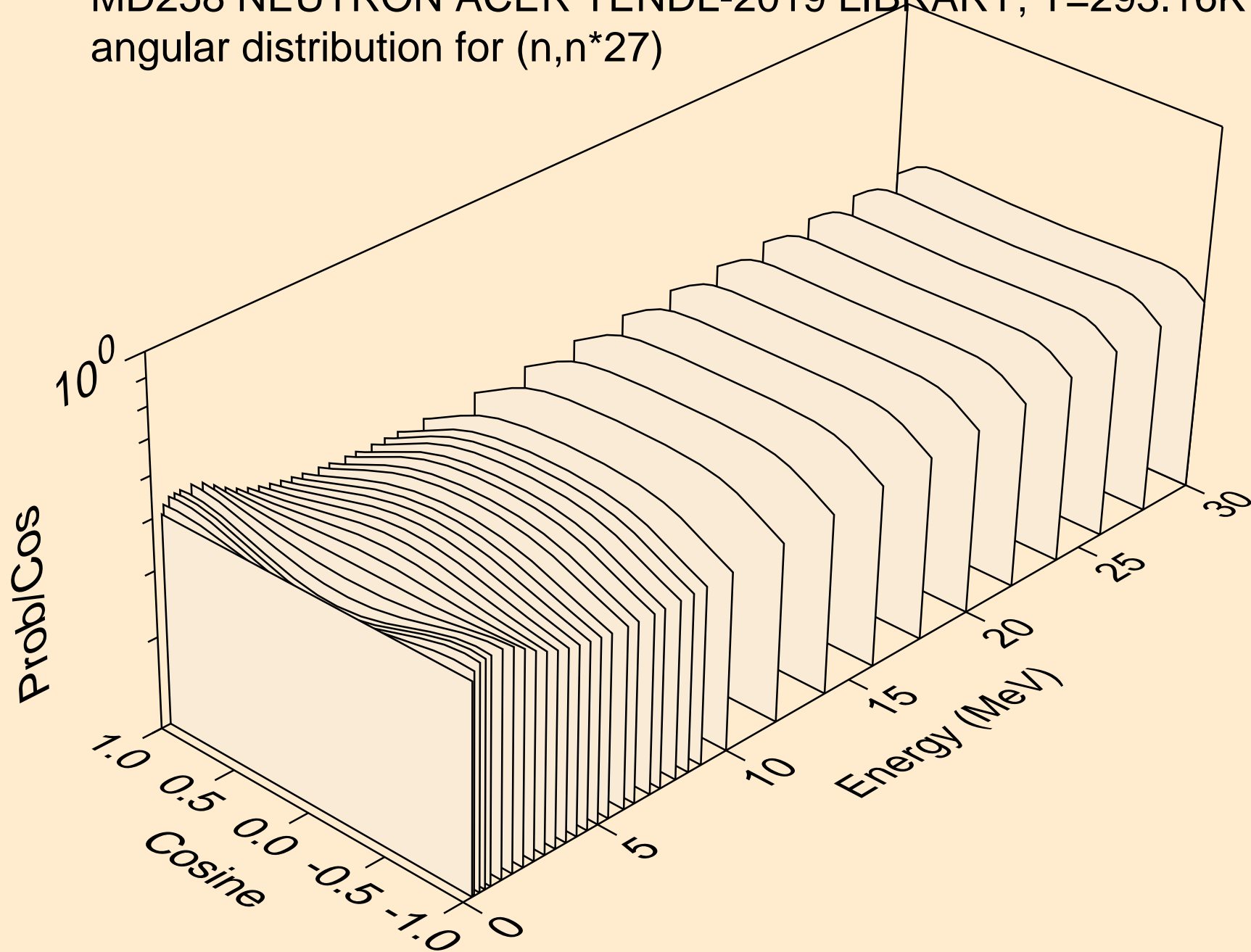


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angular distribution for (n,n\*26)

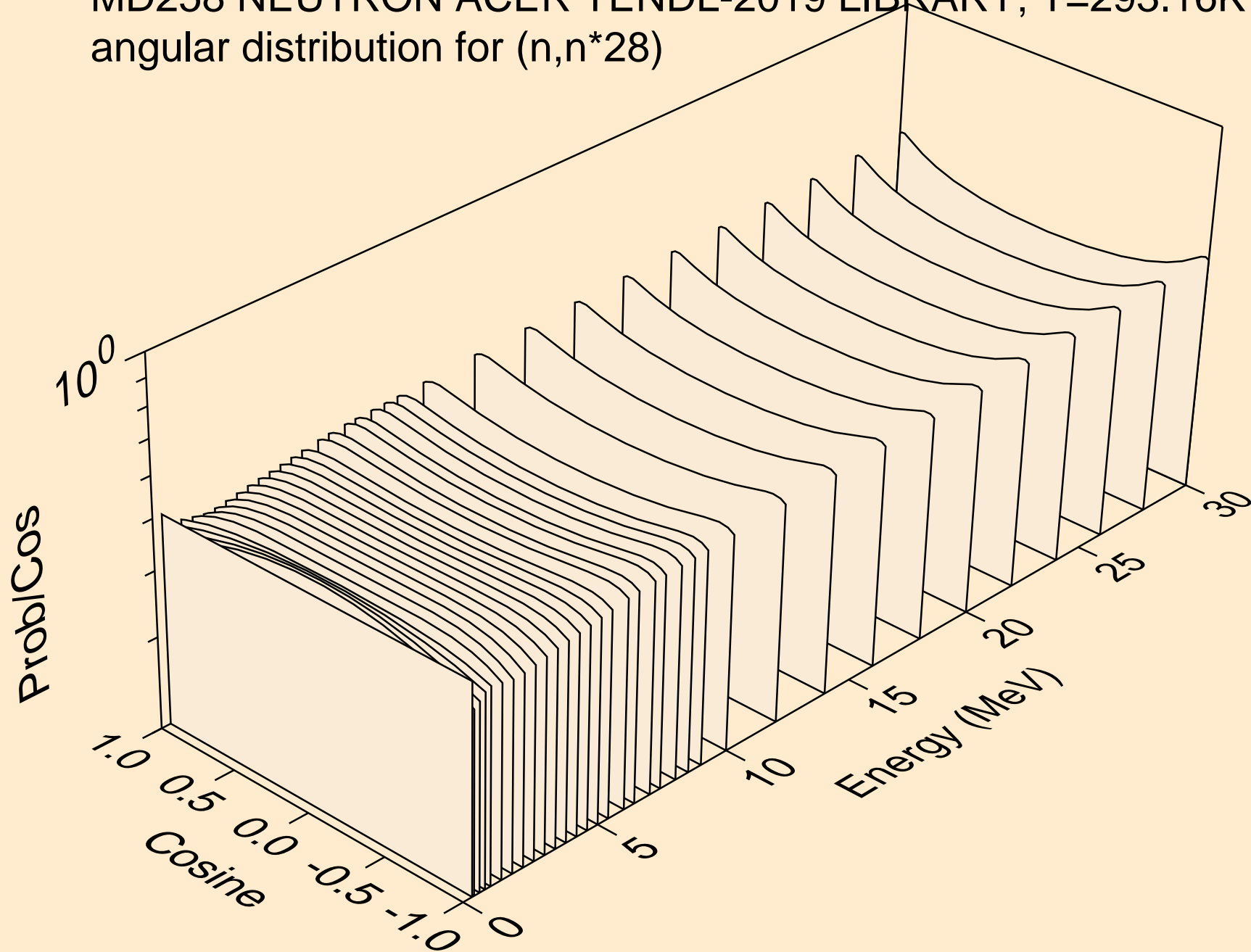




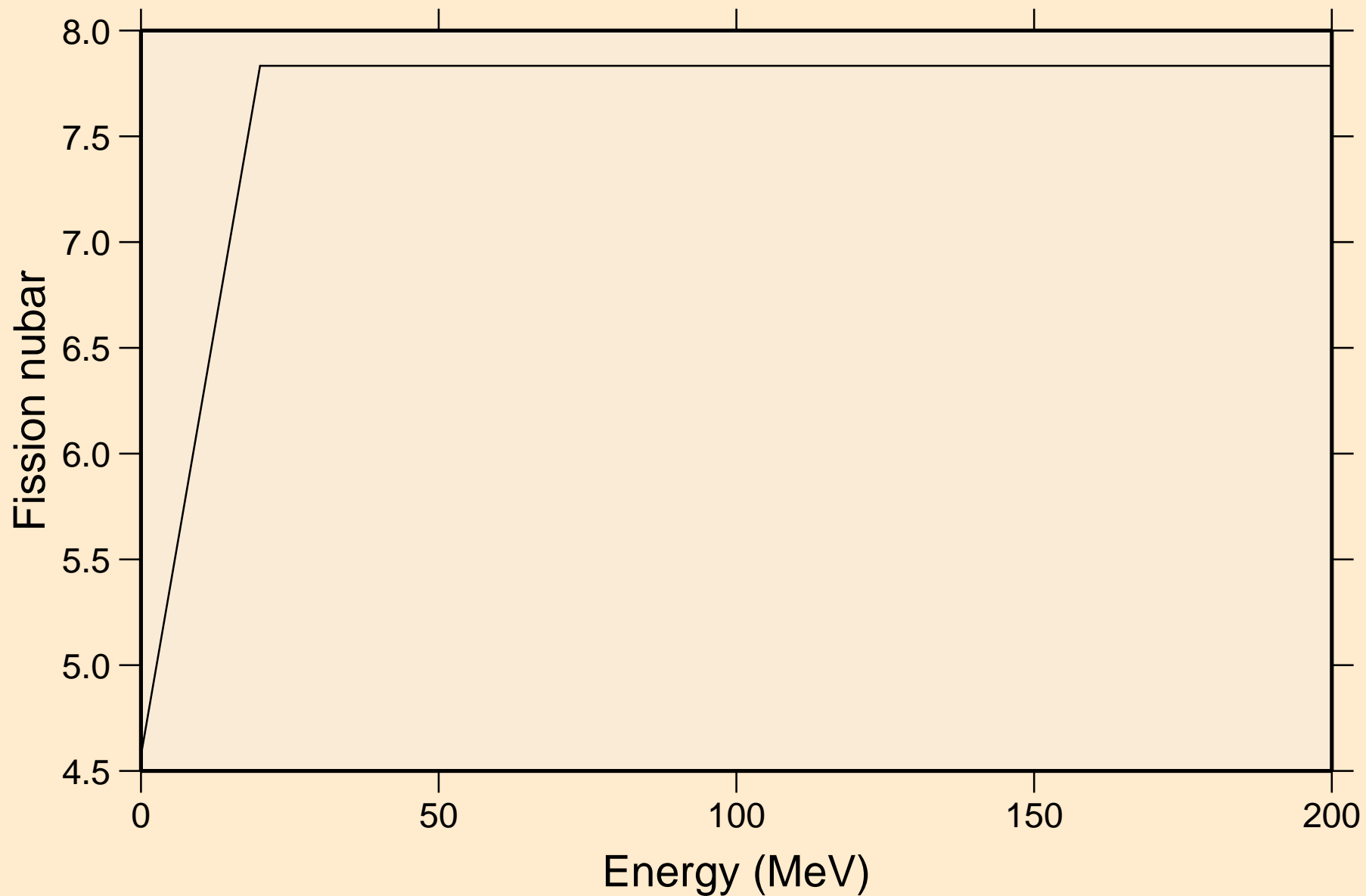
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angular distribution for (n,n\*27)



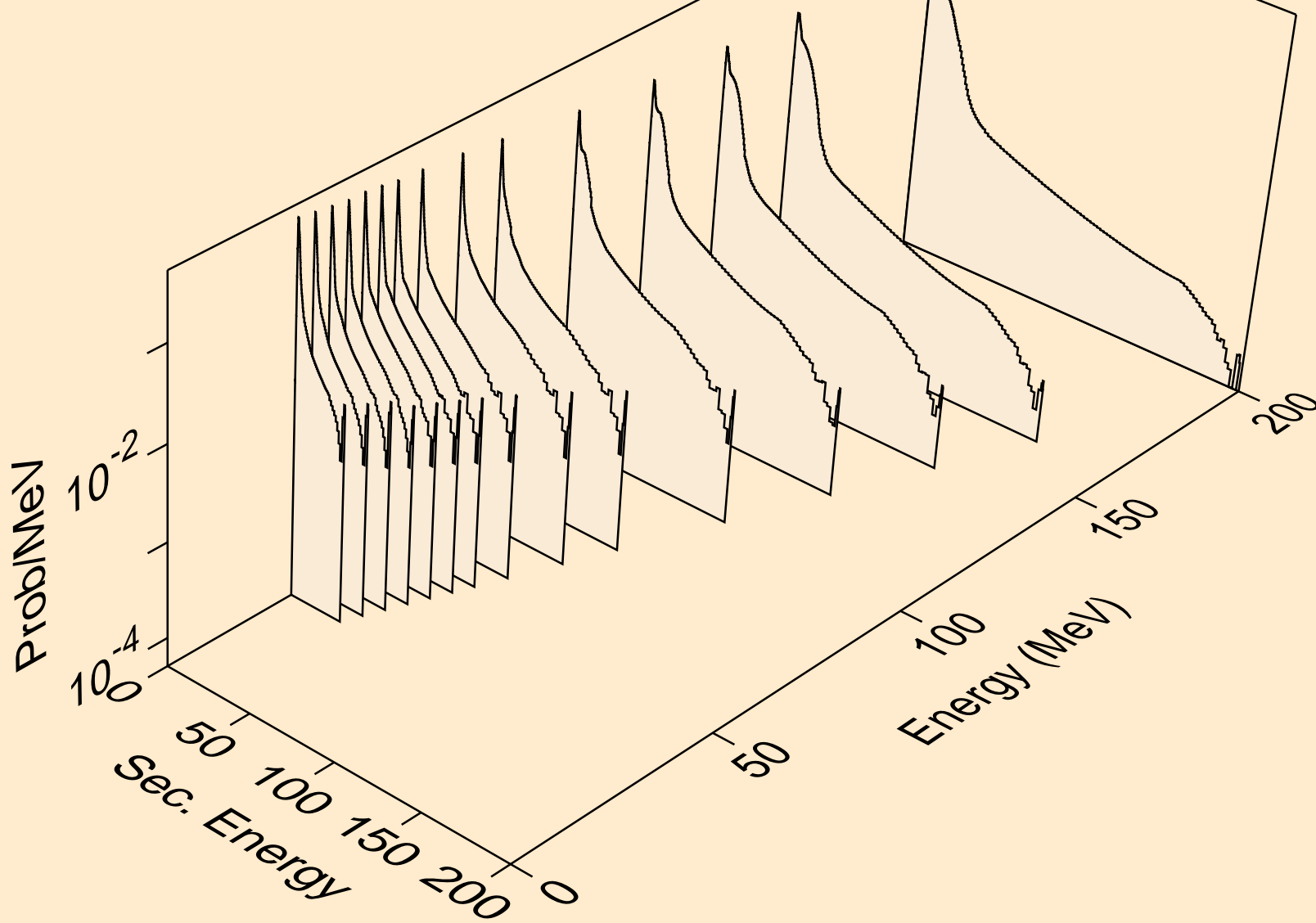
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angular distribution for (n,n\*28)



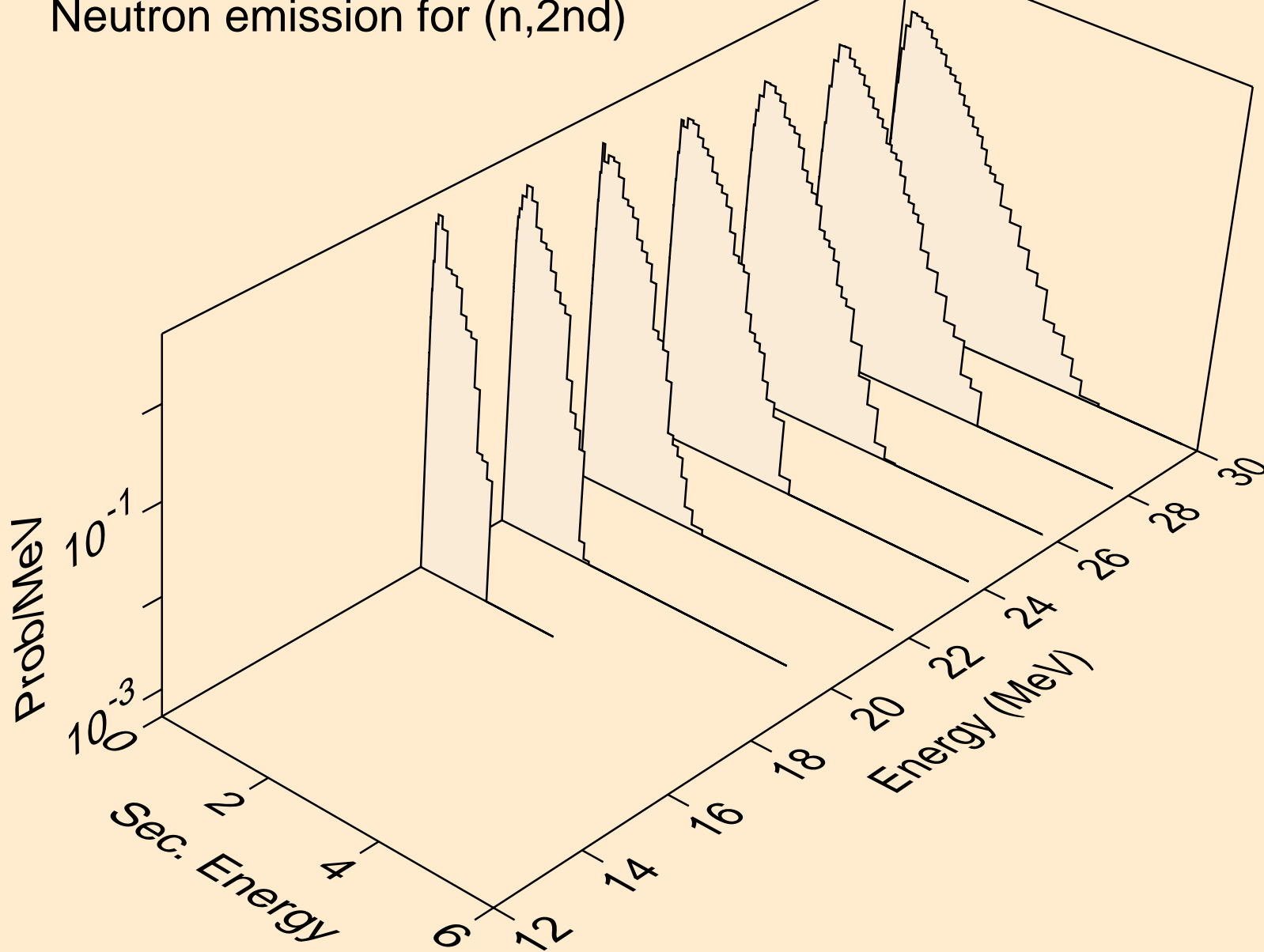
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Total fission nuabar



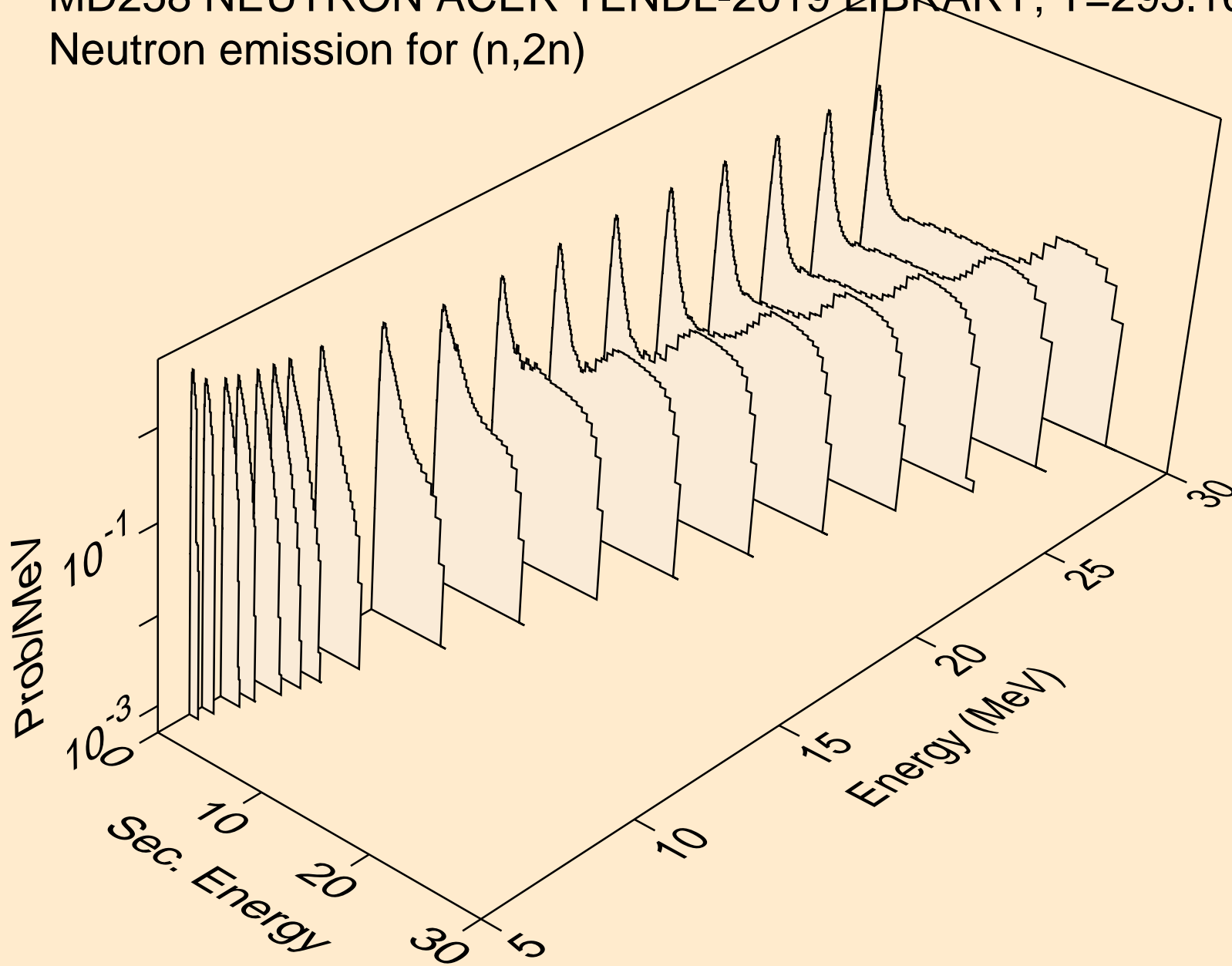
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Neutron emission for (n,x)



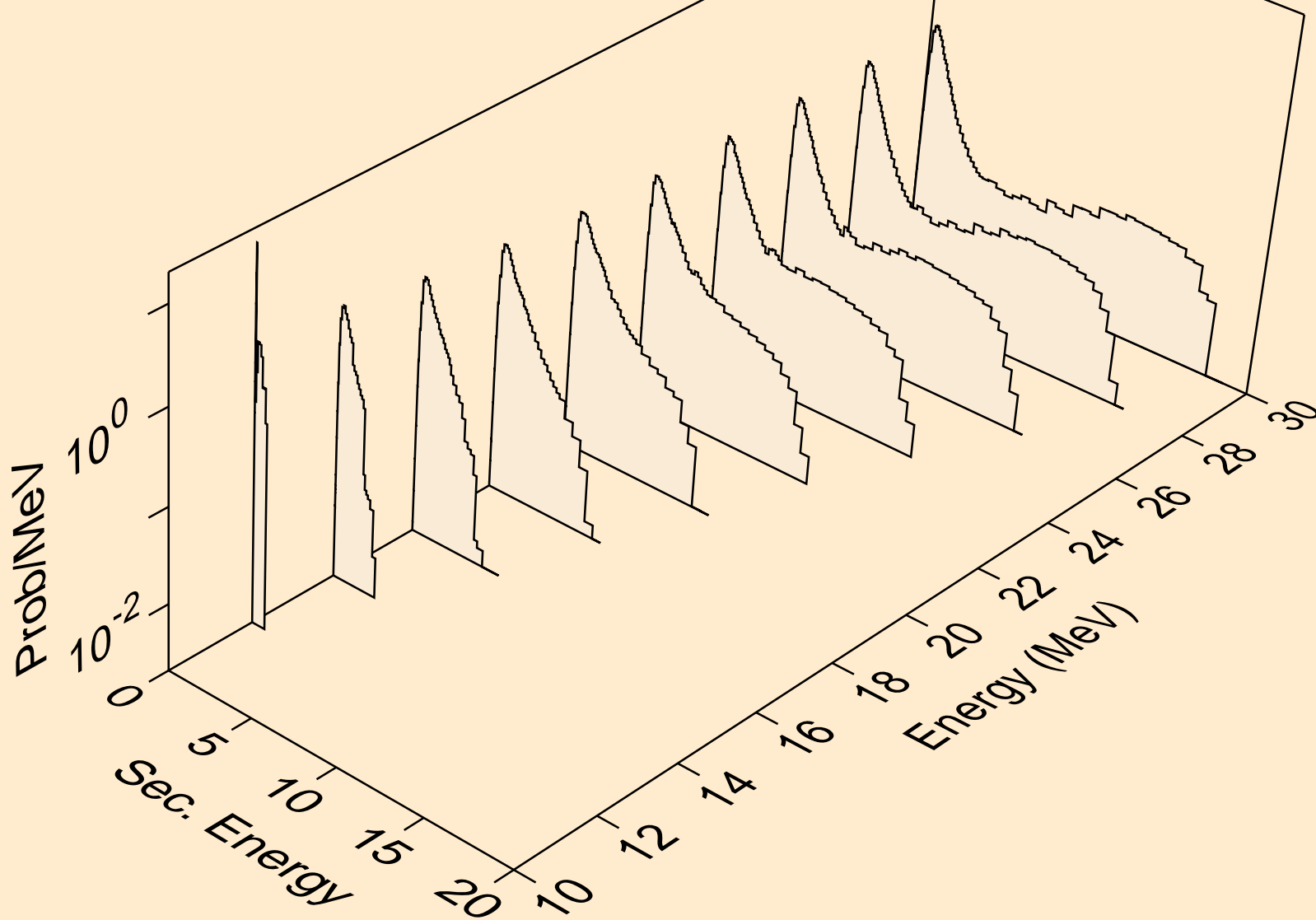
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2nd)



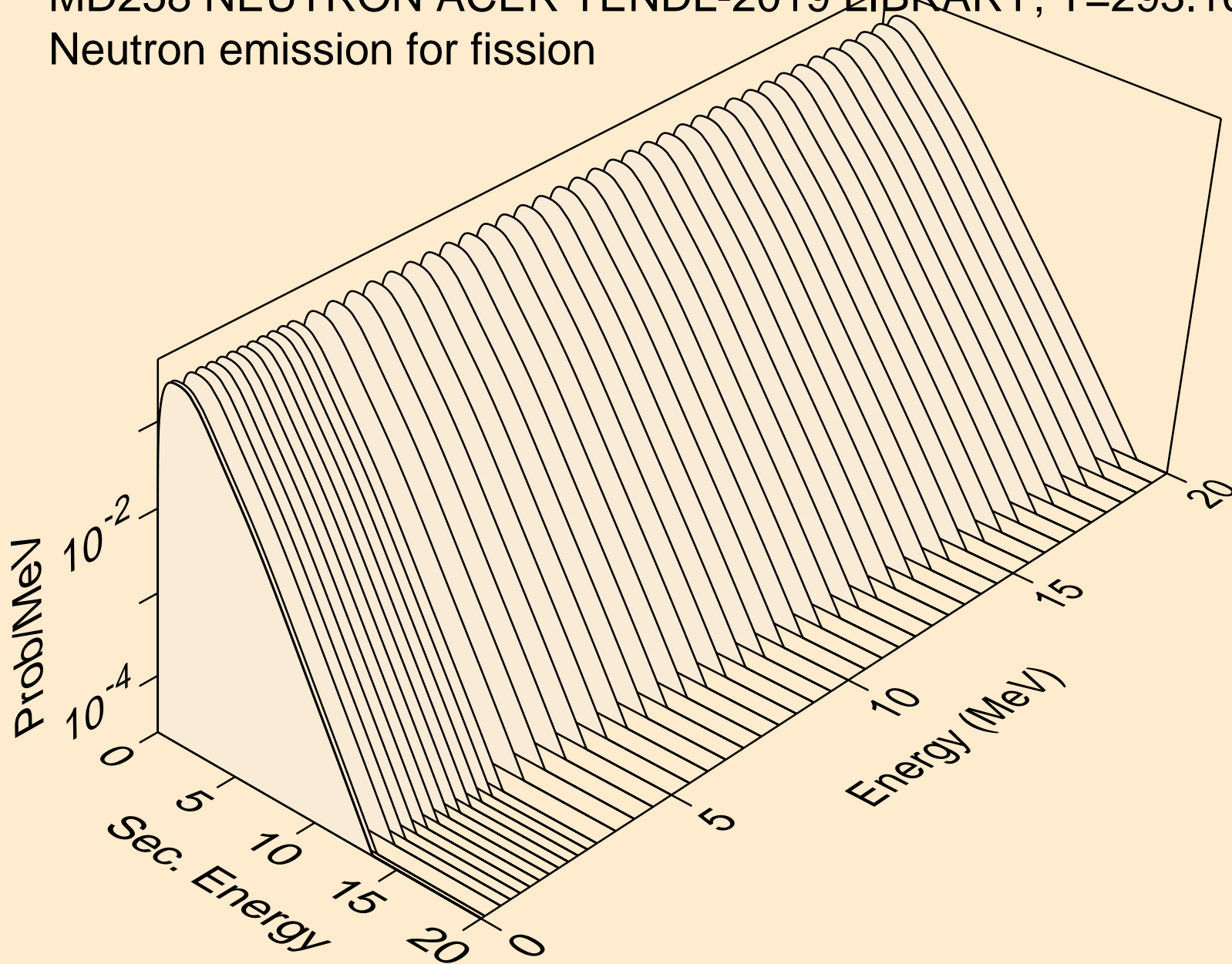
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2n)



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3n)

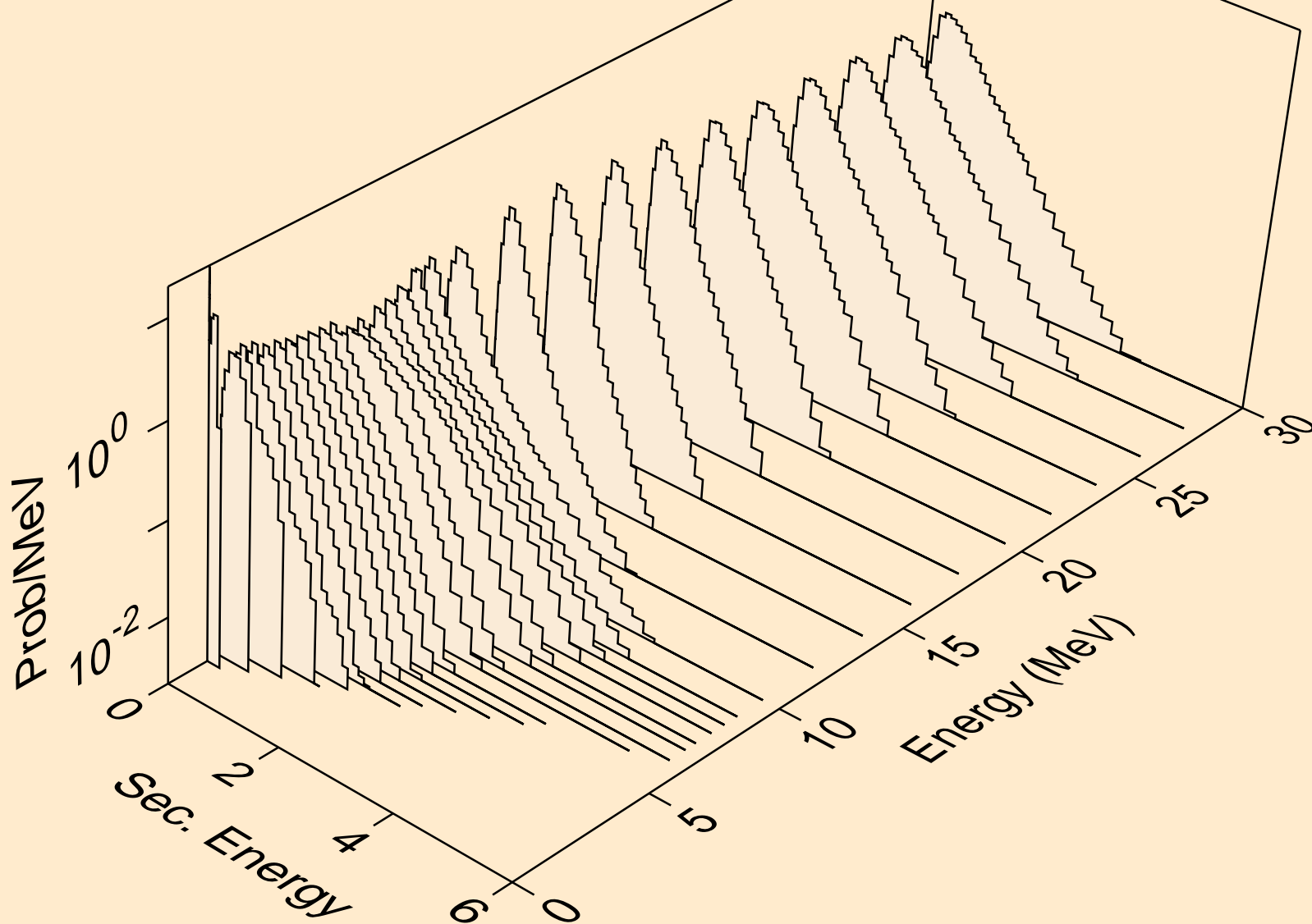


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Neutron emission for fission

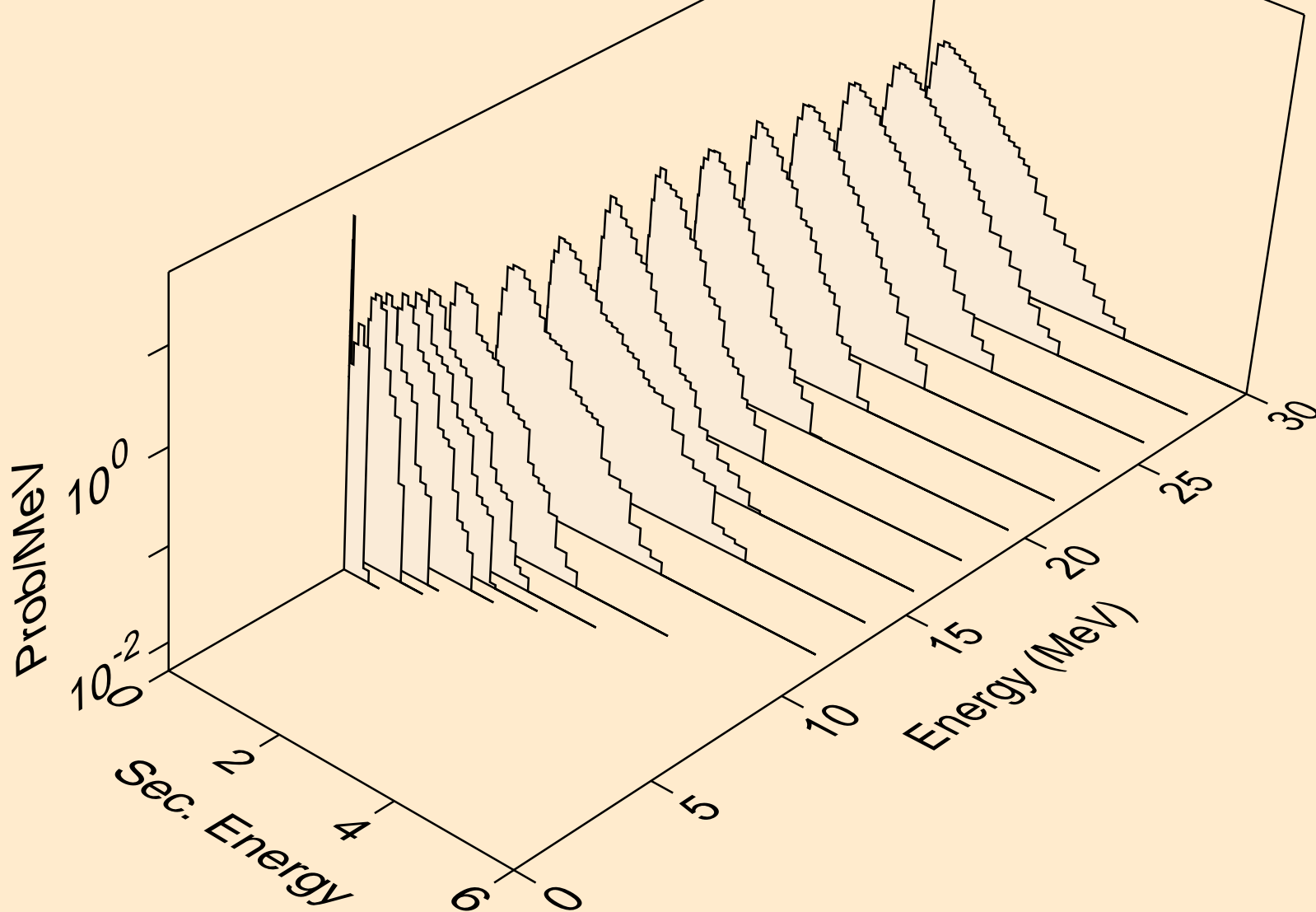




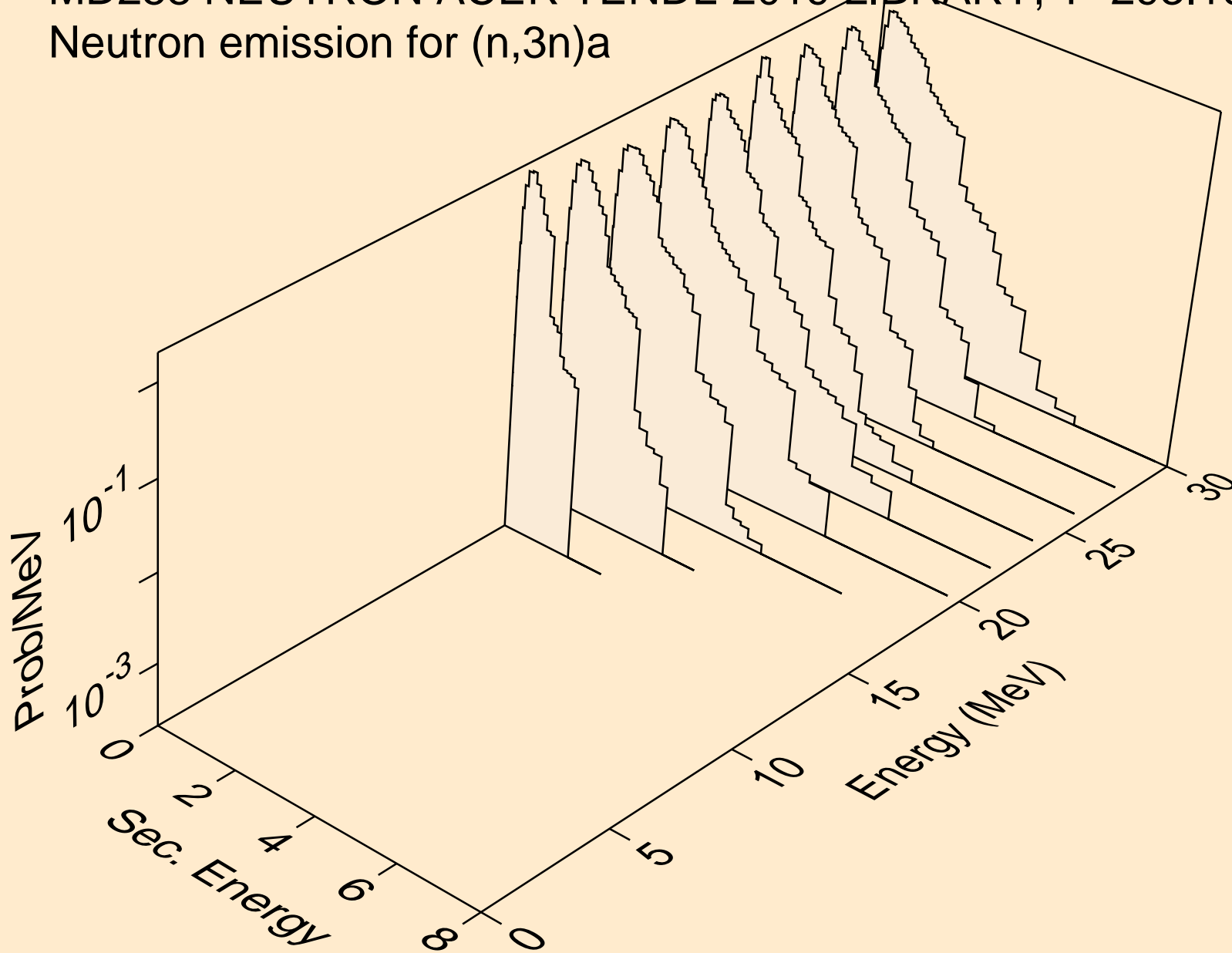
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Neutron emission for (n,n\*)a



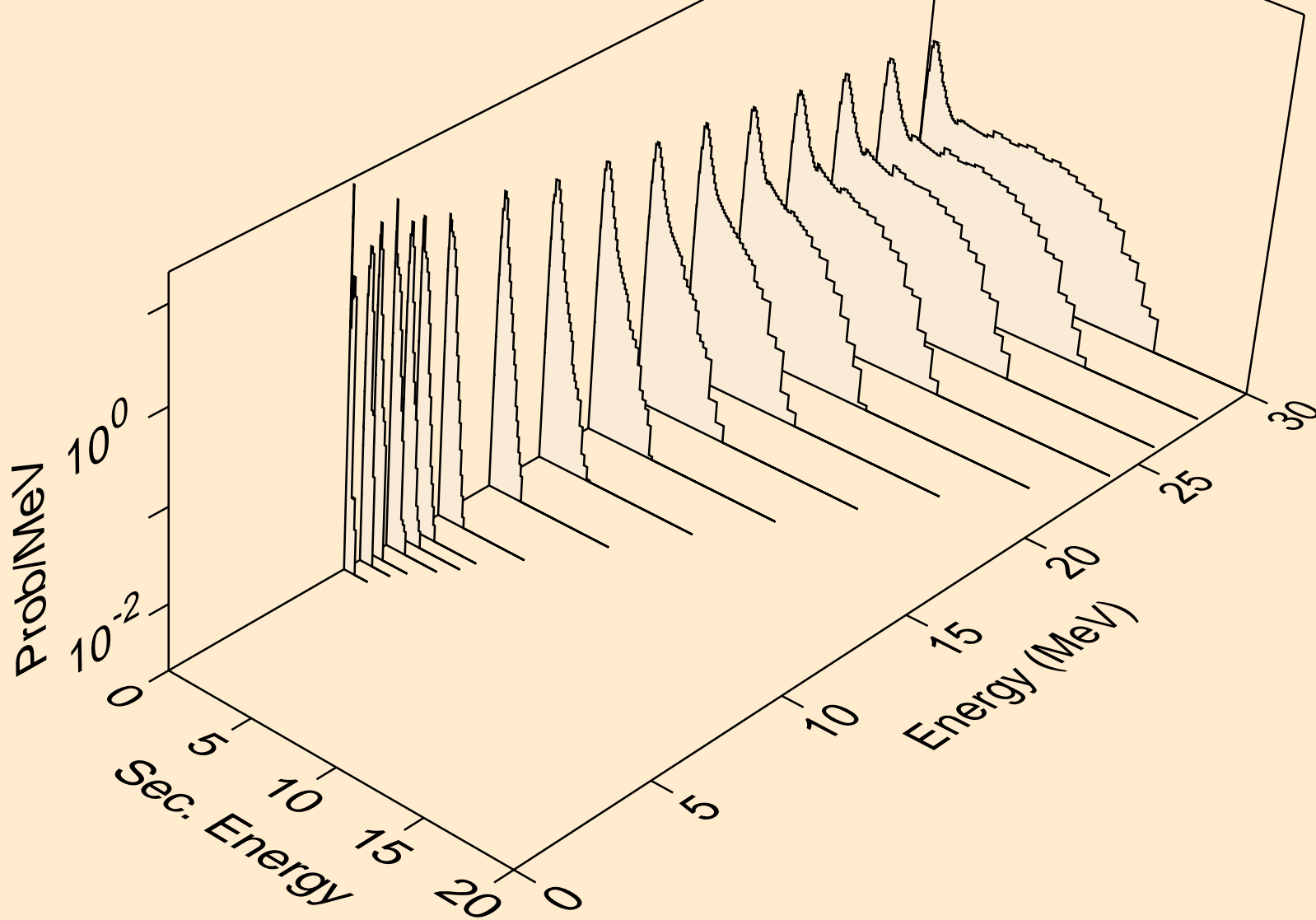
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Neutron emission for (n,2n)a



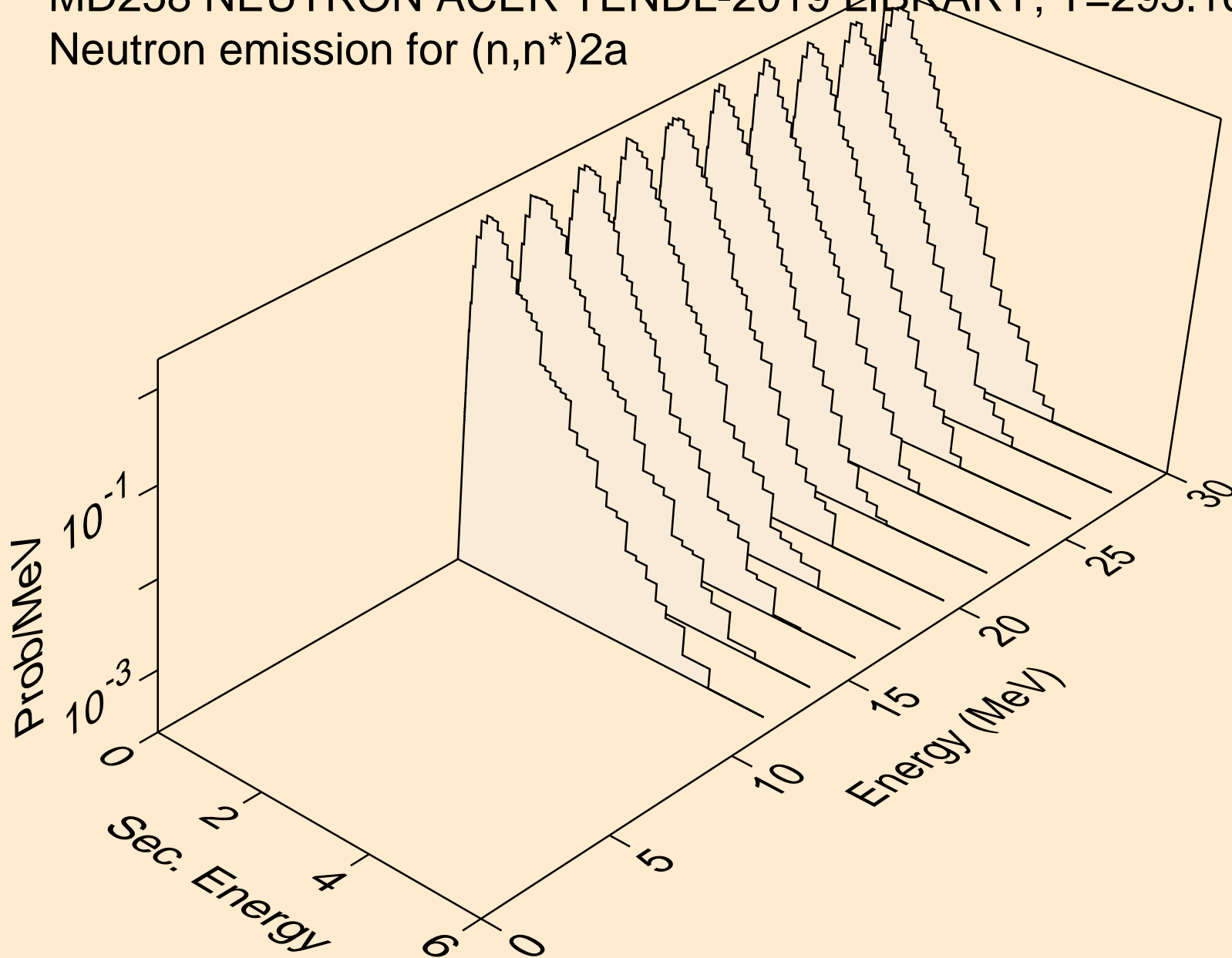
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Neutron emission for (n,3n)a



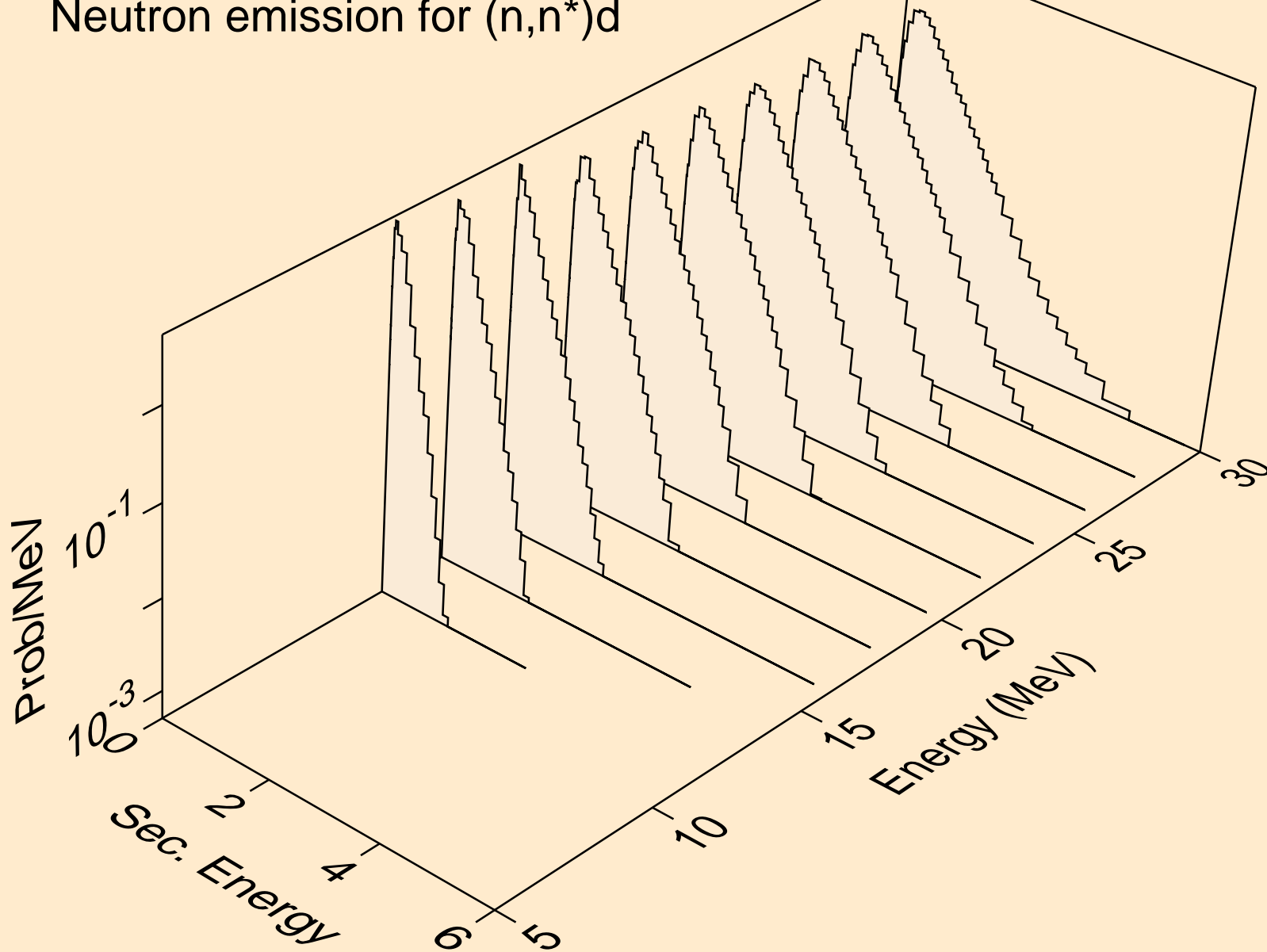
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Neutron emission for (n,n\*)p



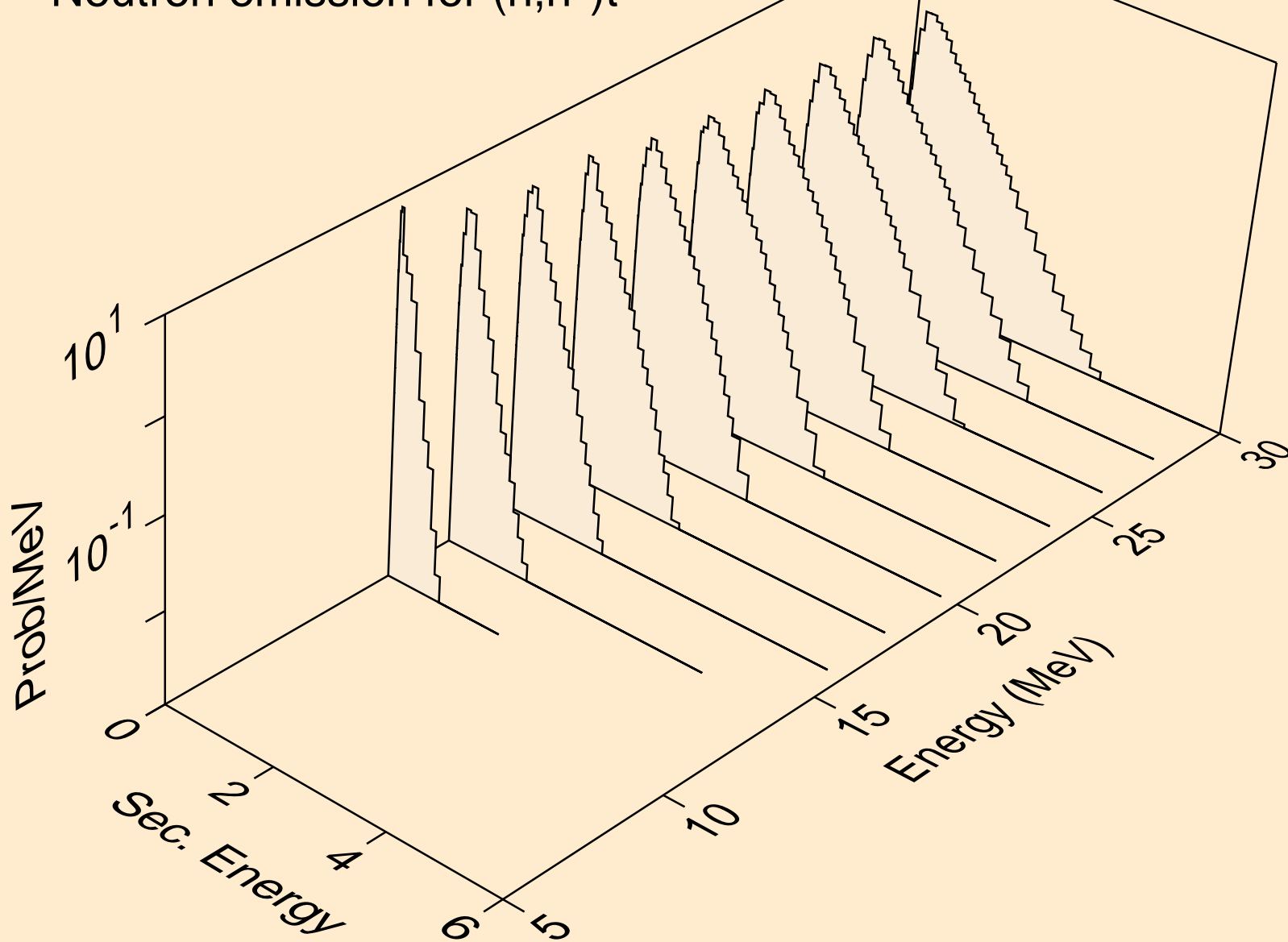
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Neutron emission for (n,n\*)2a



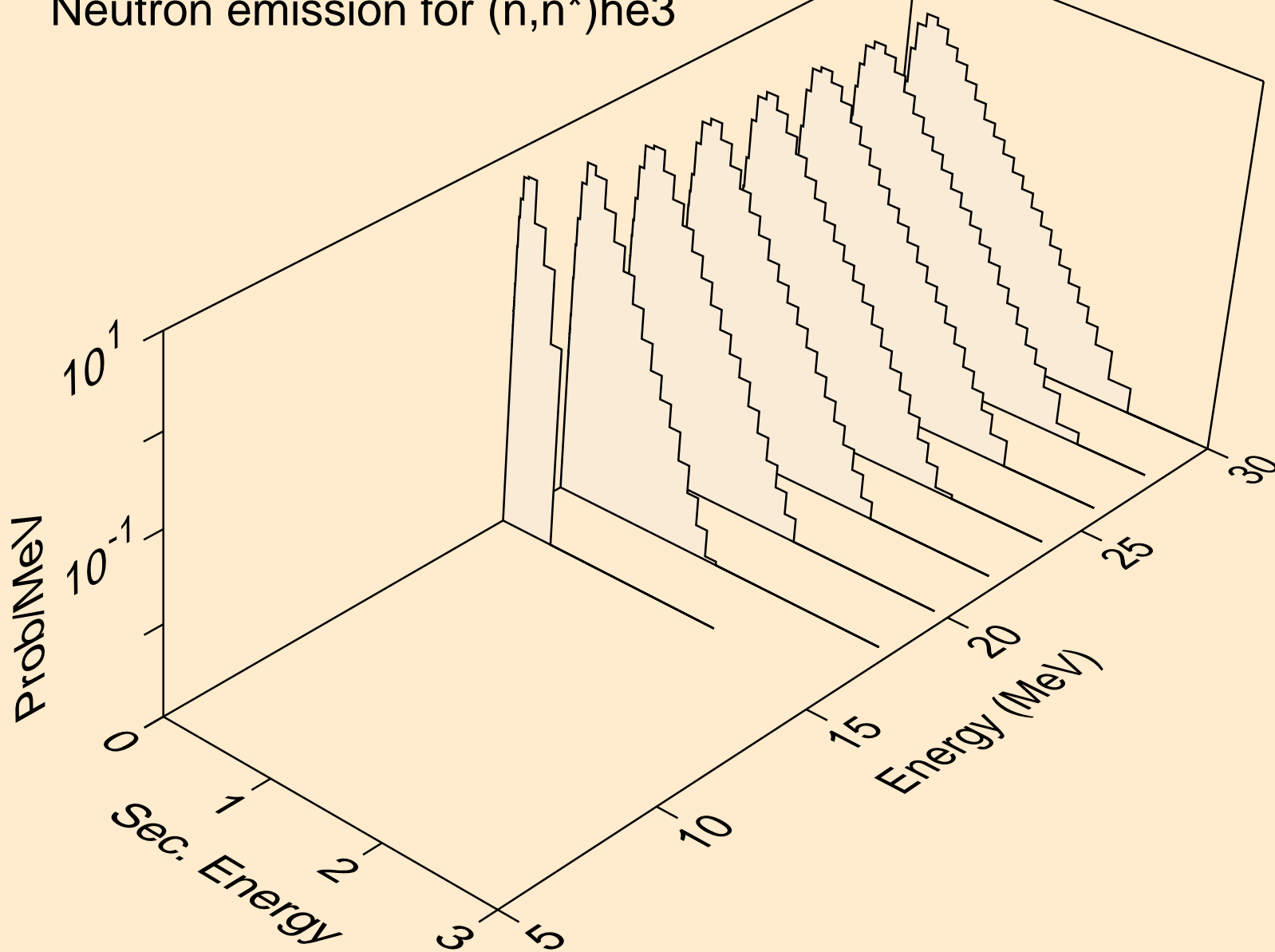
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)d



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)t

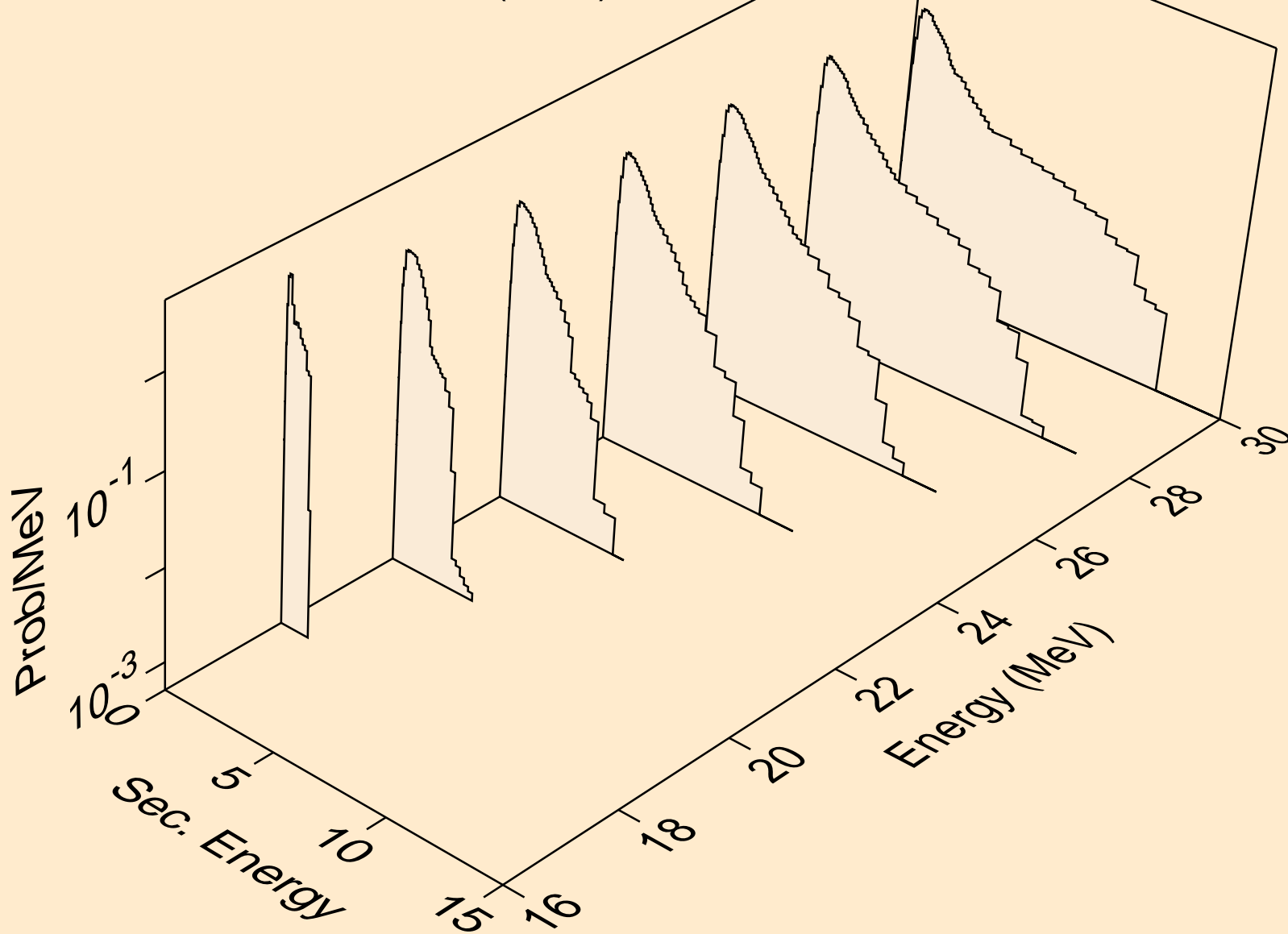


MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*)he3

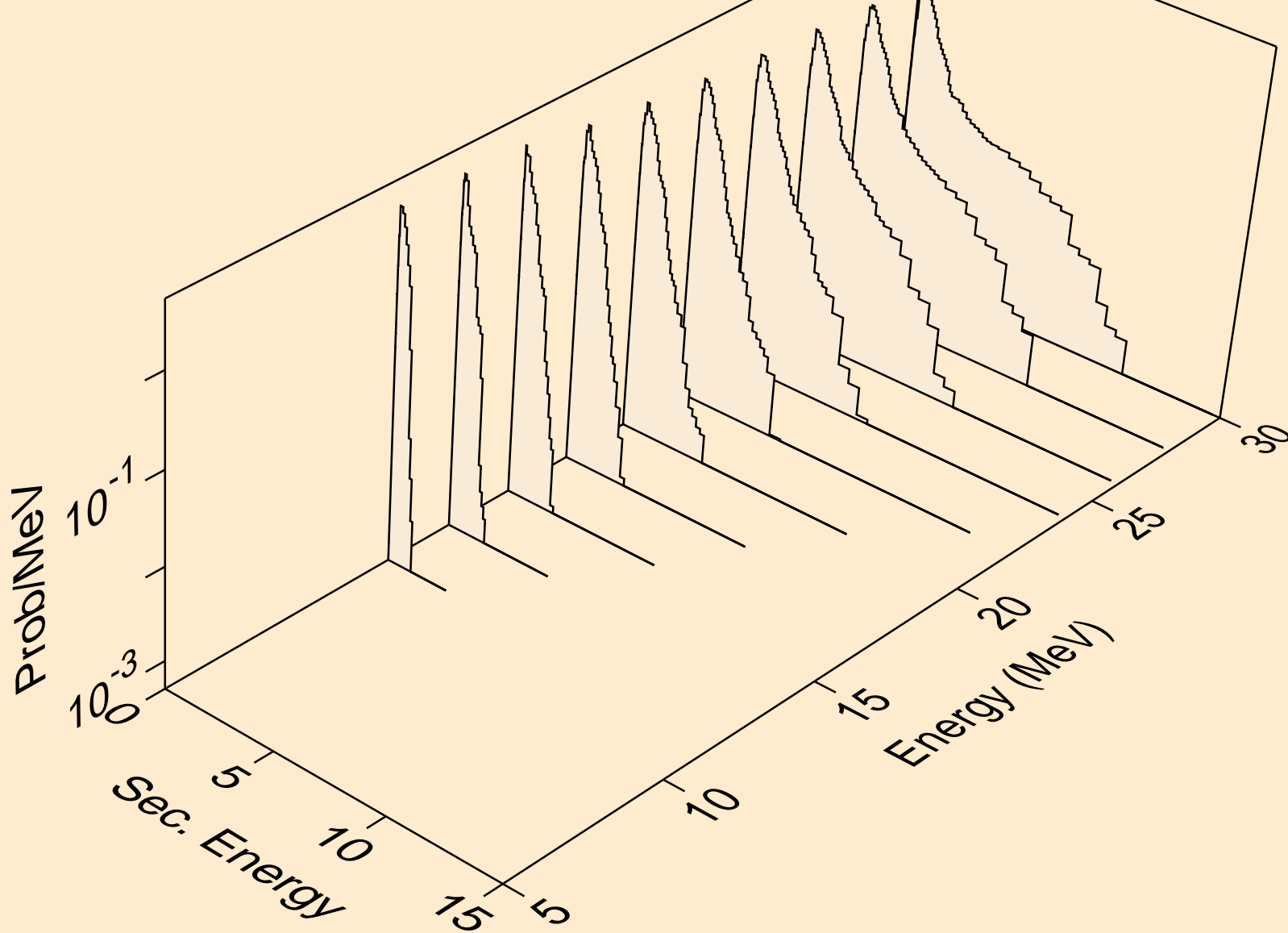




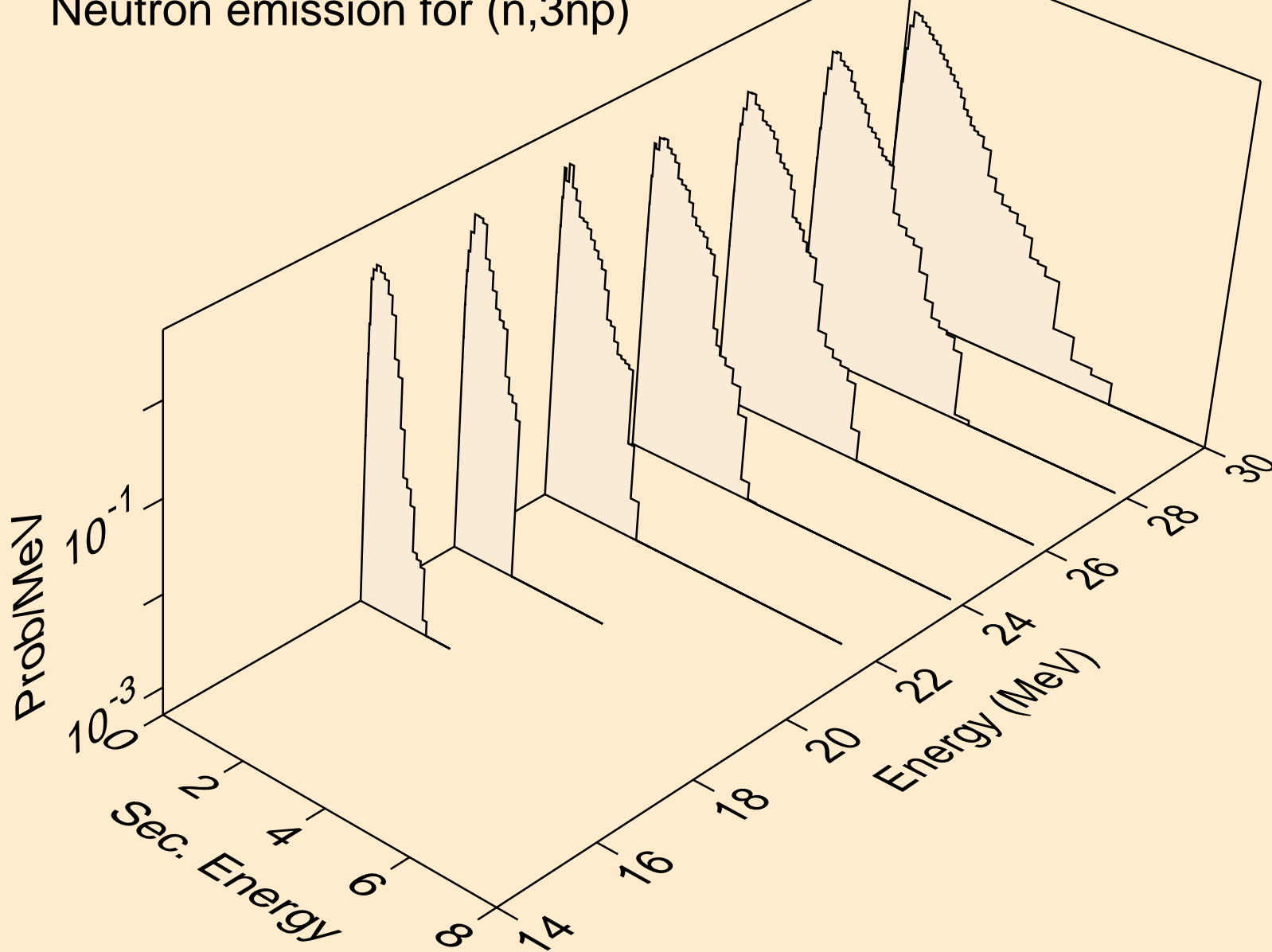
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Neutron emission for (n,4n)



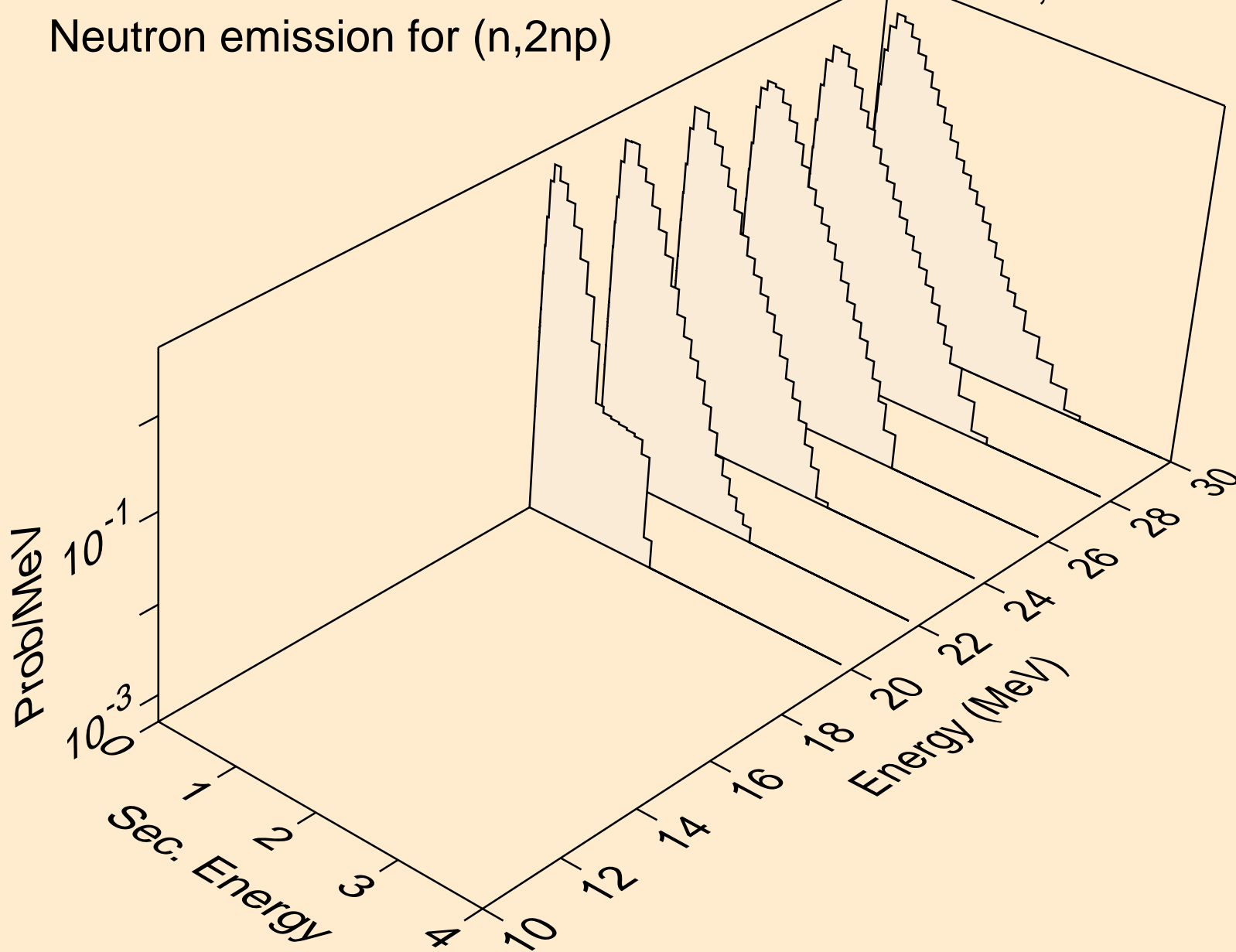
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Neutron emission for (n,2np)



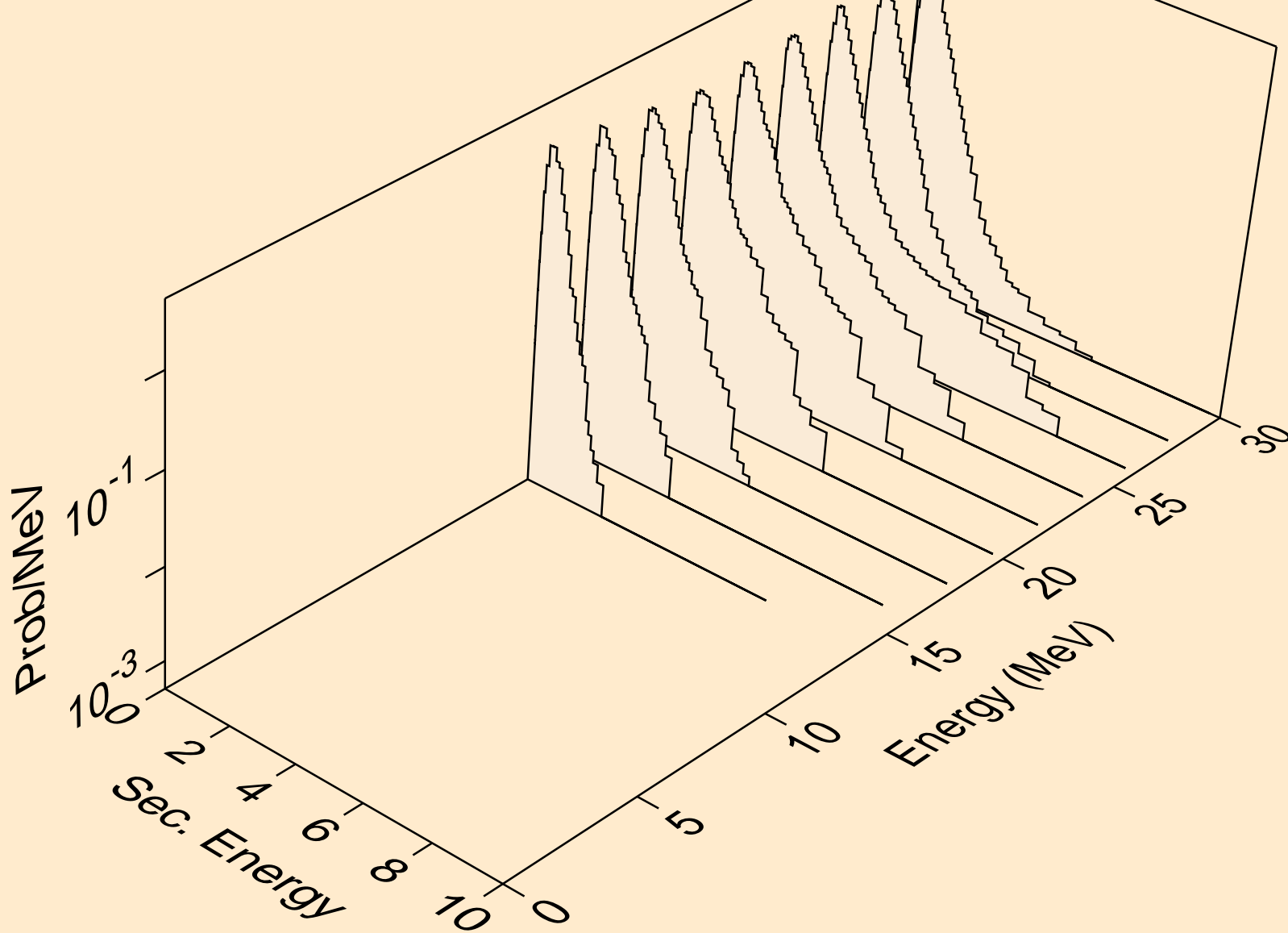
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,3np)



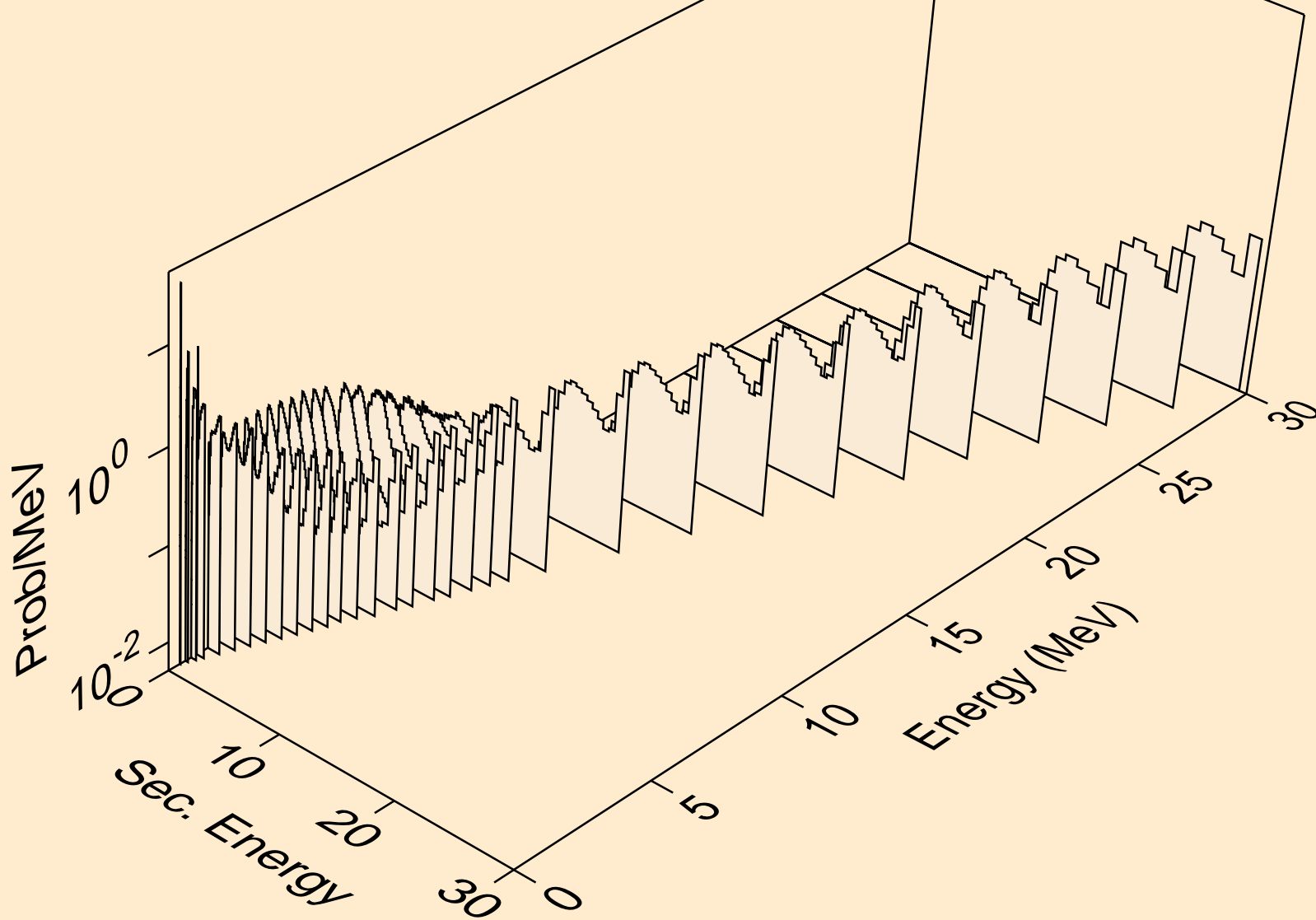
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,2np)



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,npa)

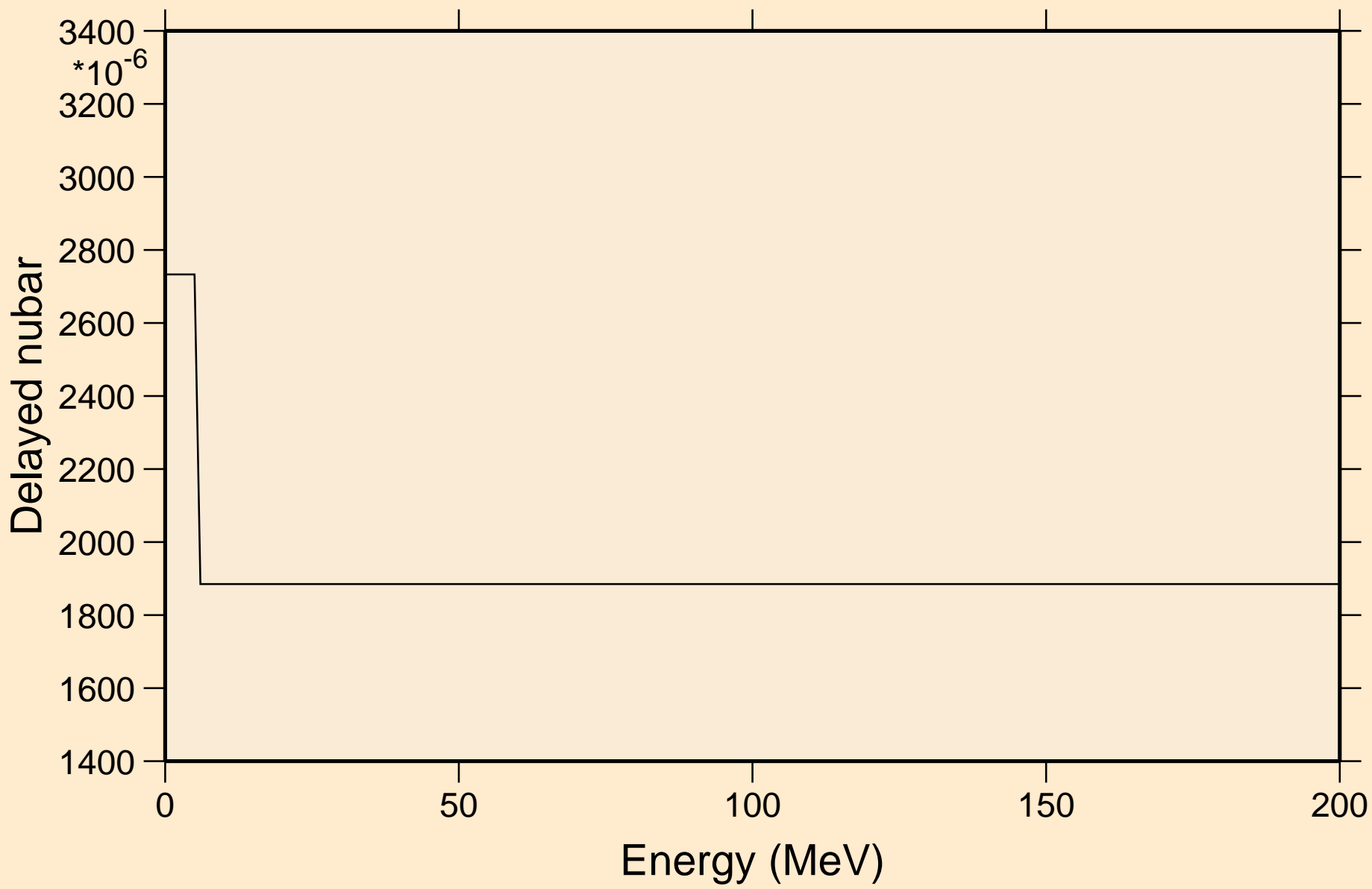


MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Neutron emission for (n,n\*c)



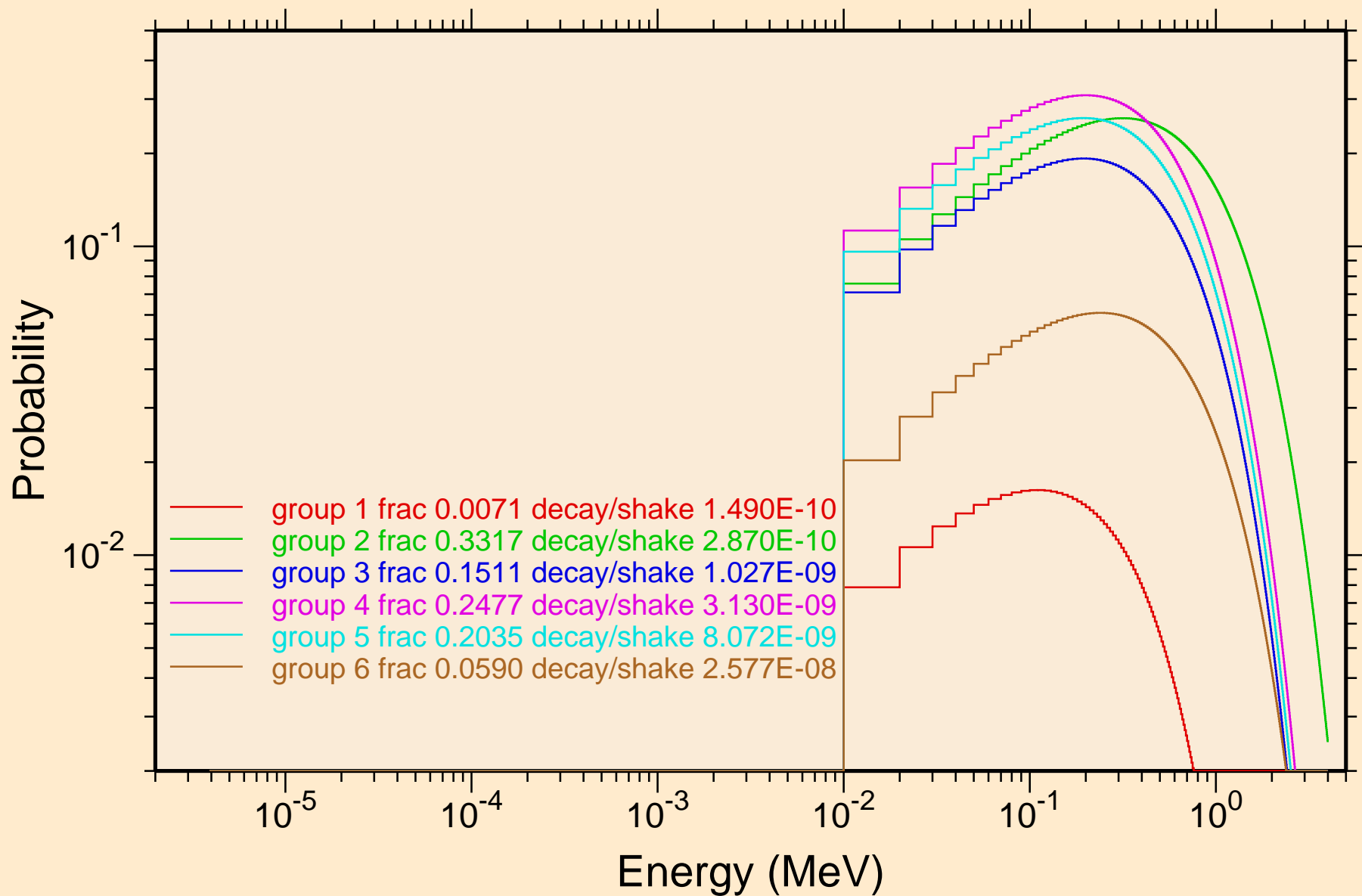
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Delayed nubar



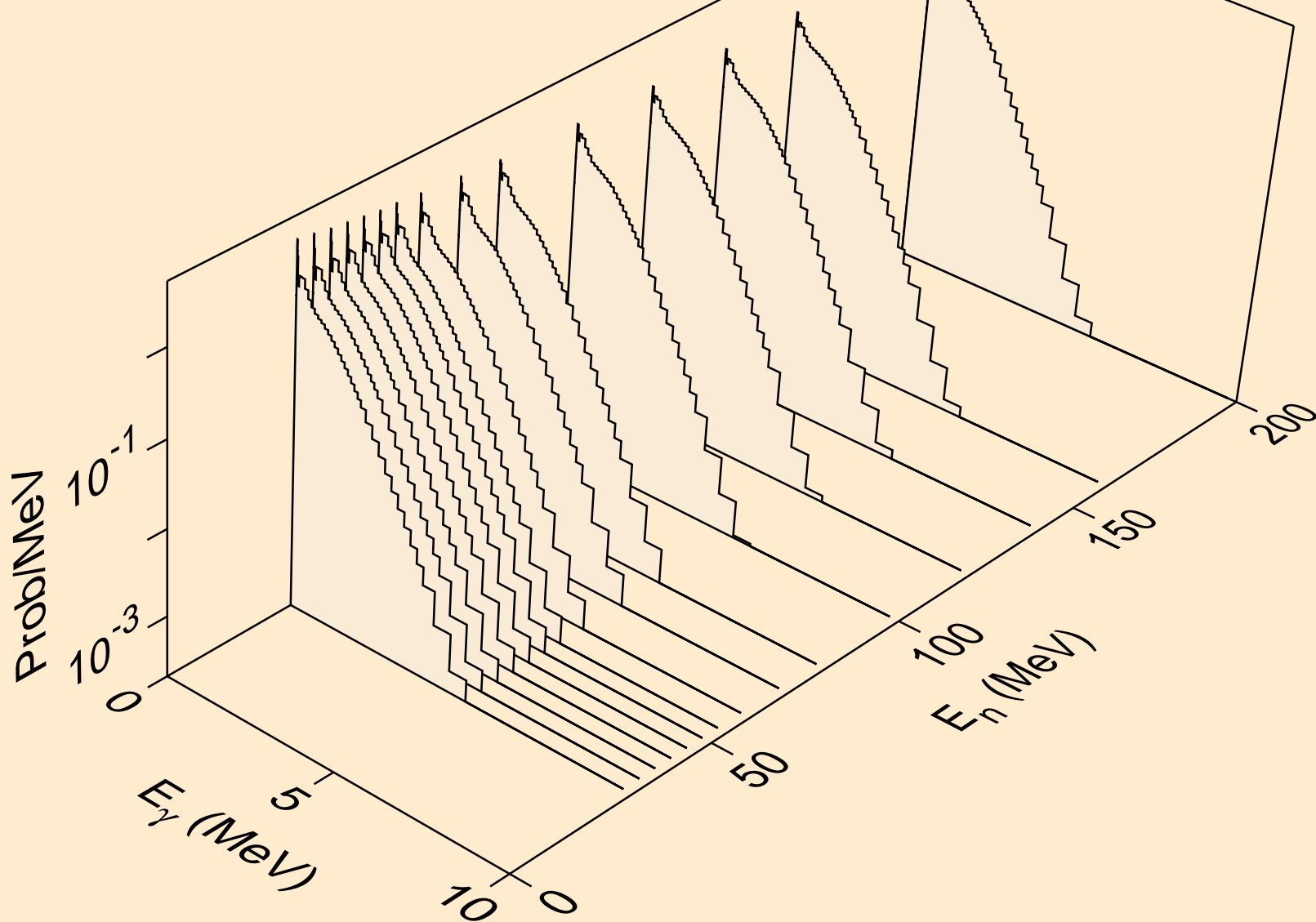
# MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

## Delayed neutron spectra

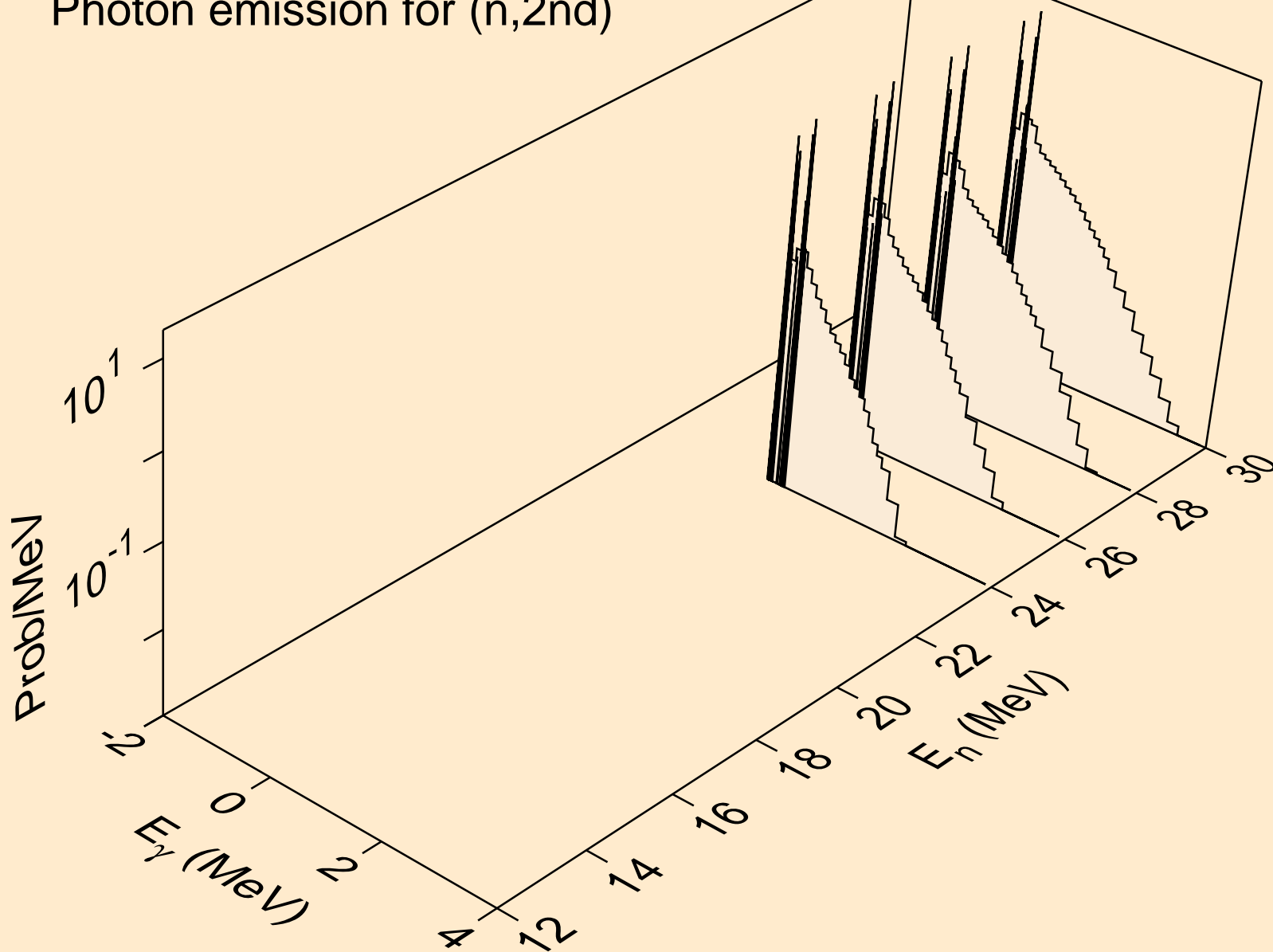




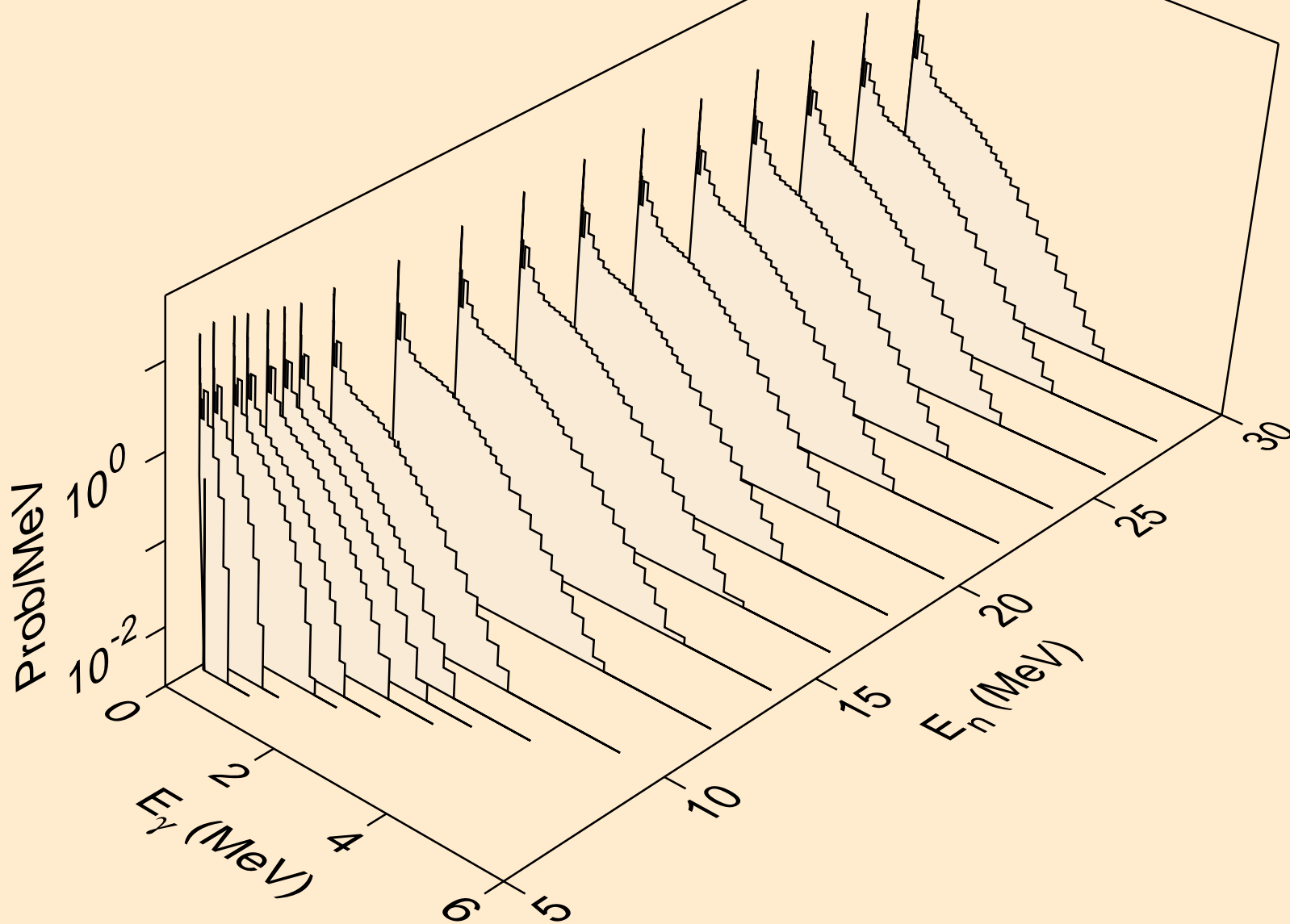
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,x)



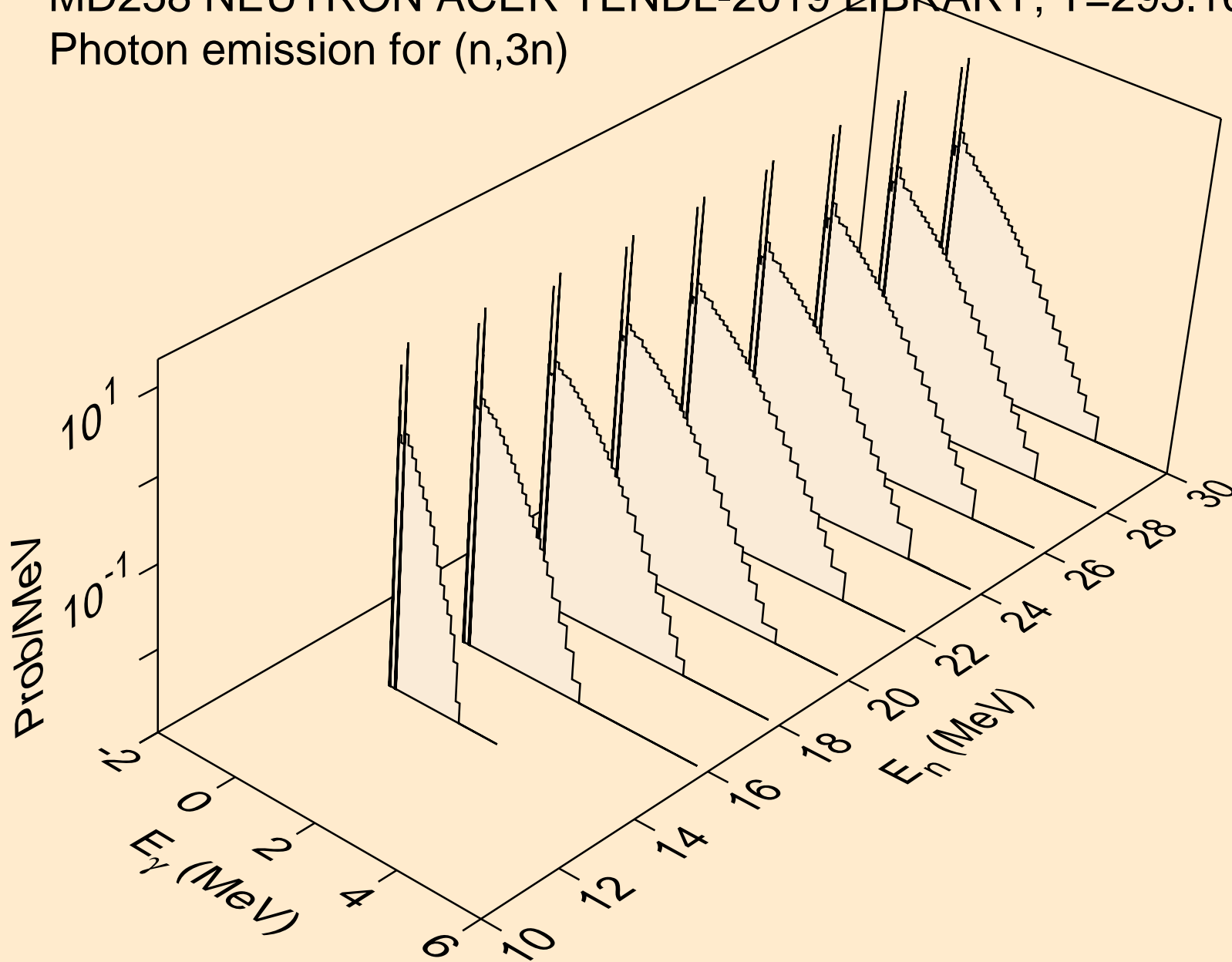
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2nd)



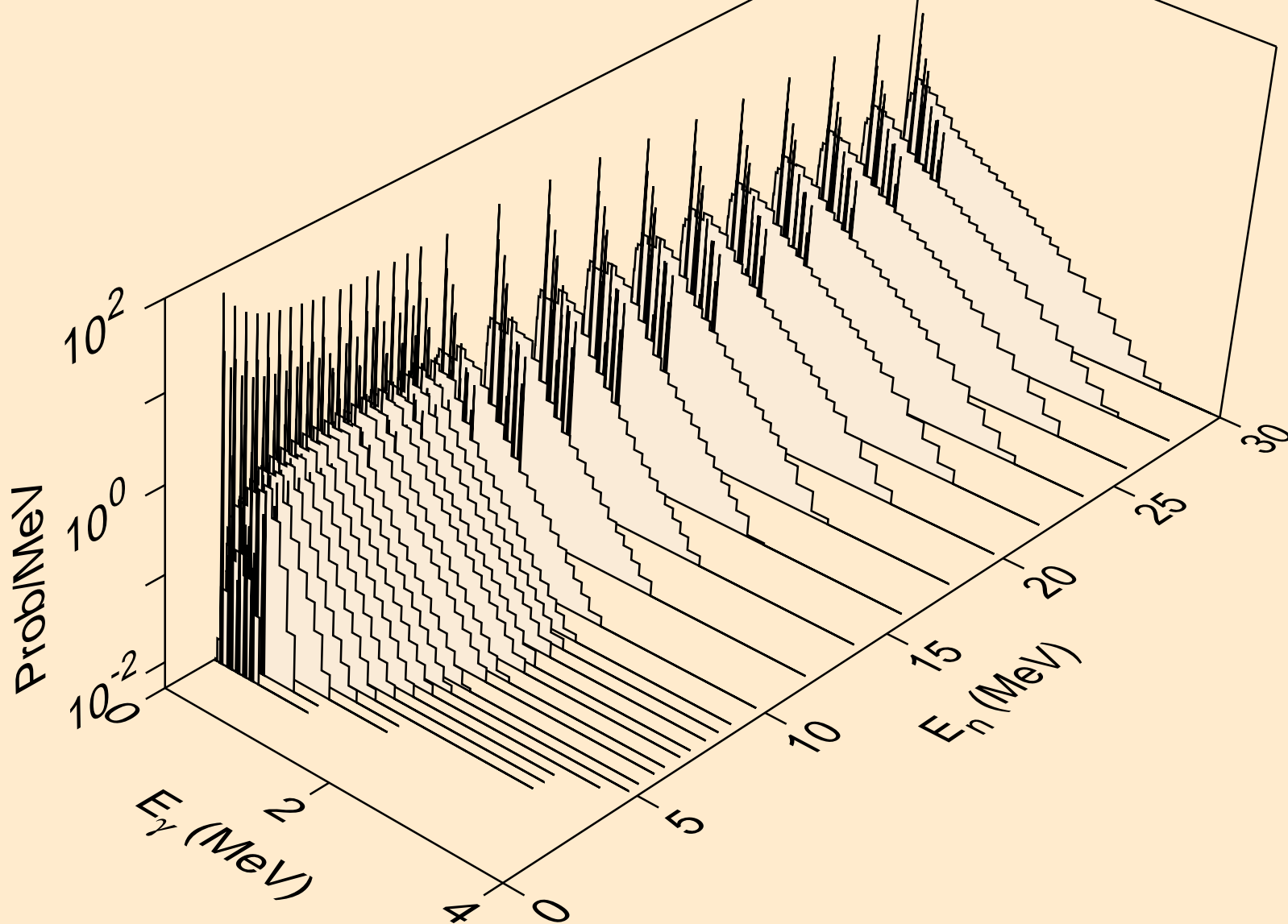
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)



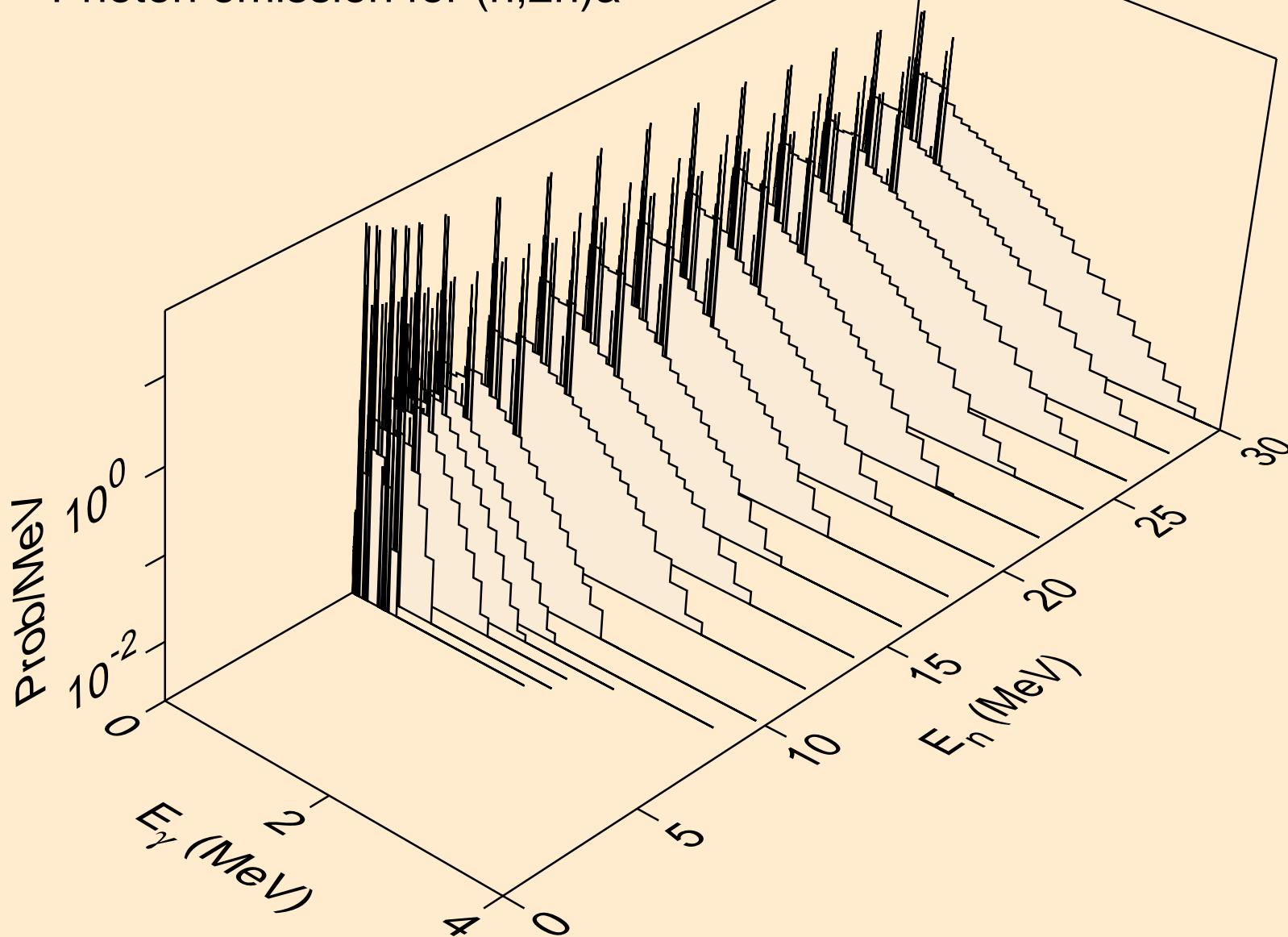
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)



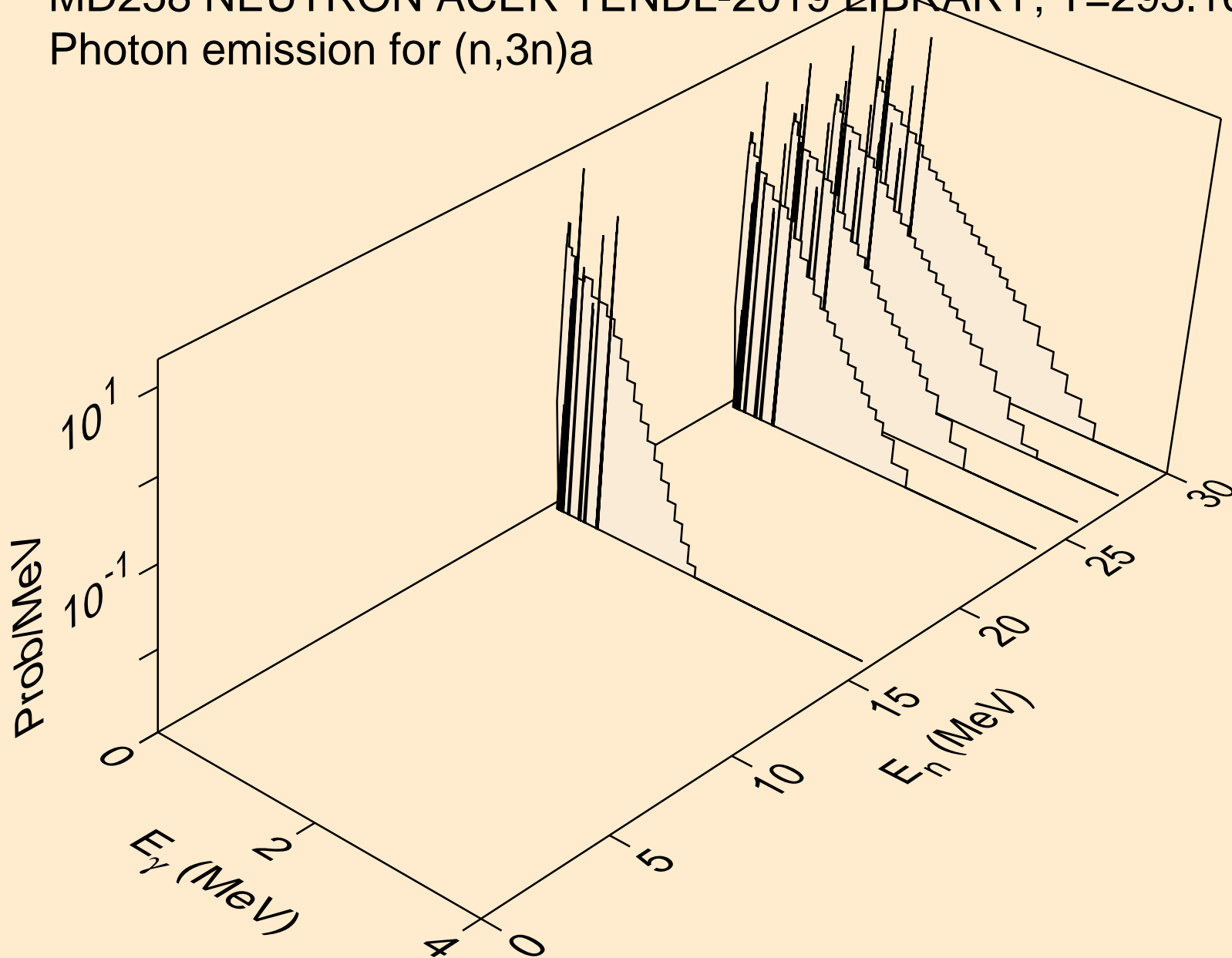
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)a



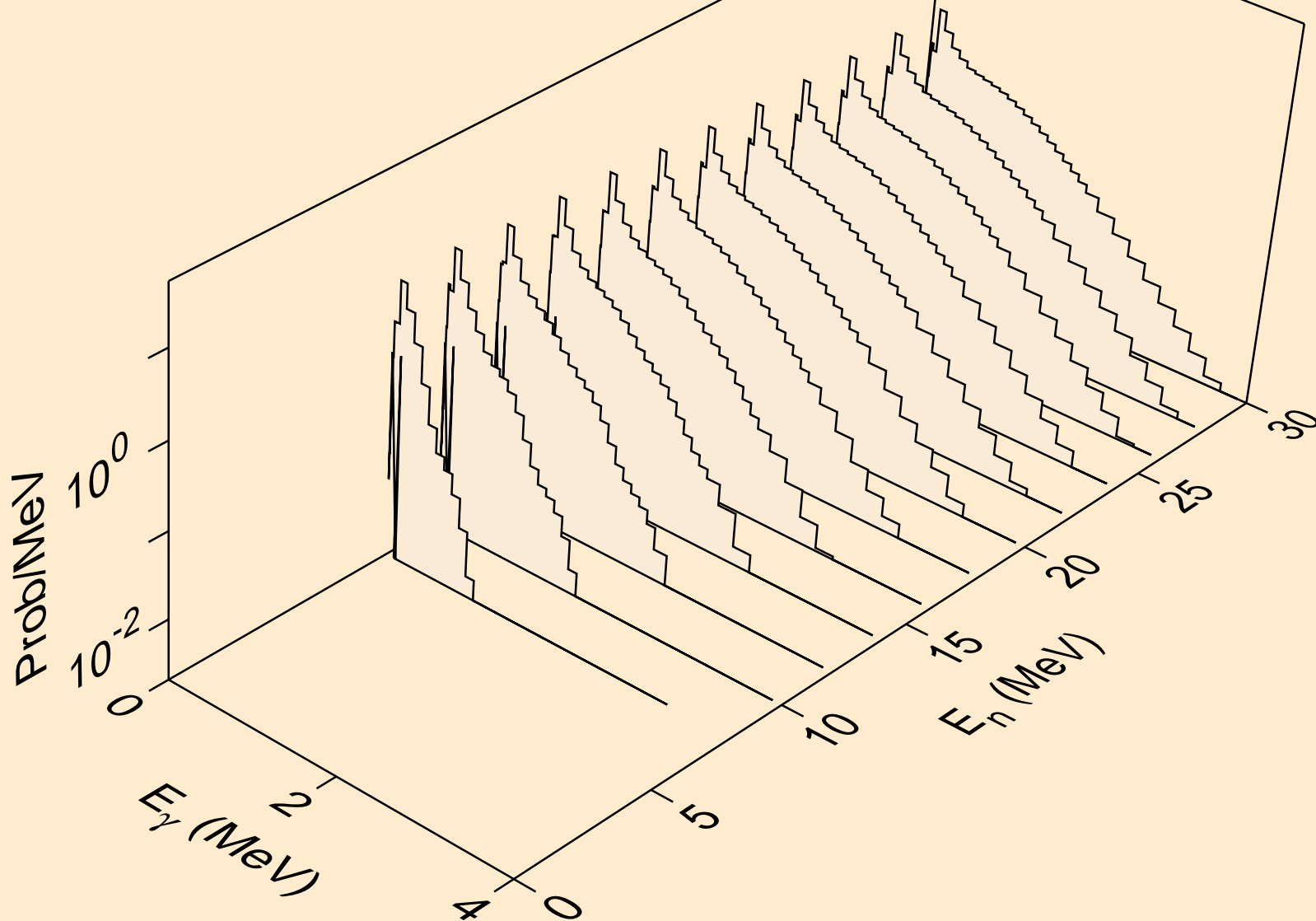
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2n)a



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3n)a

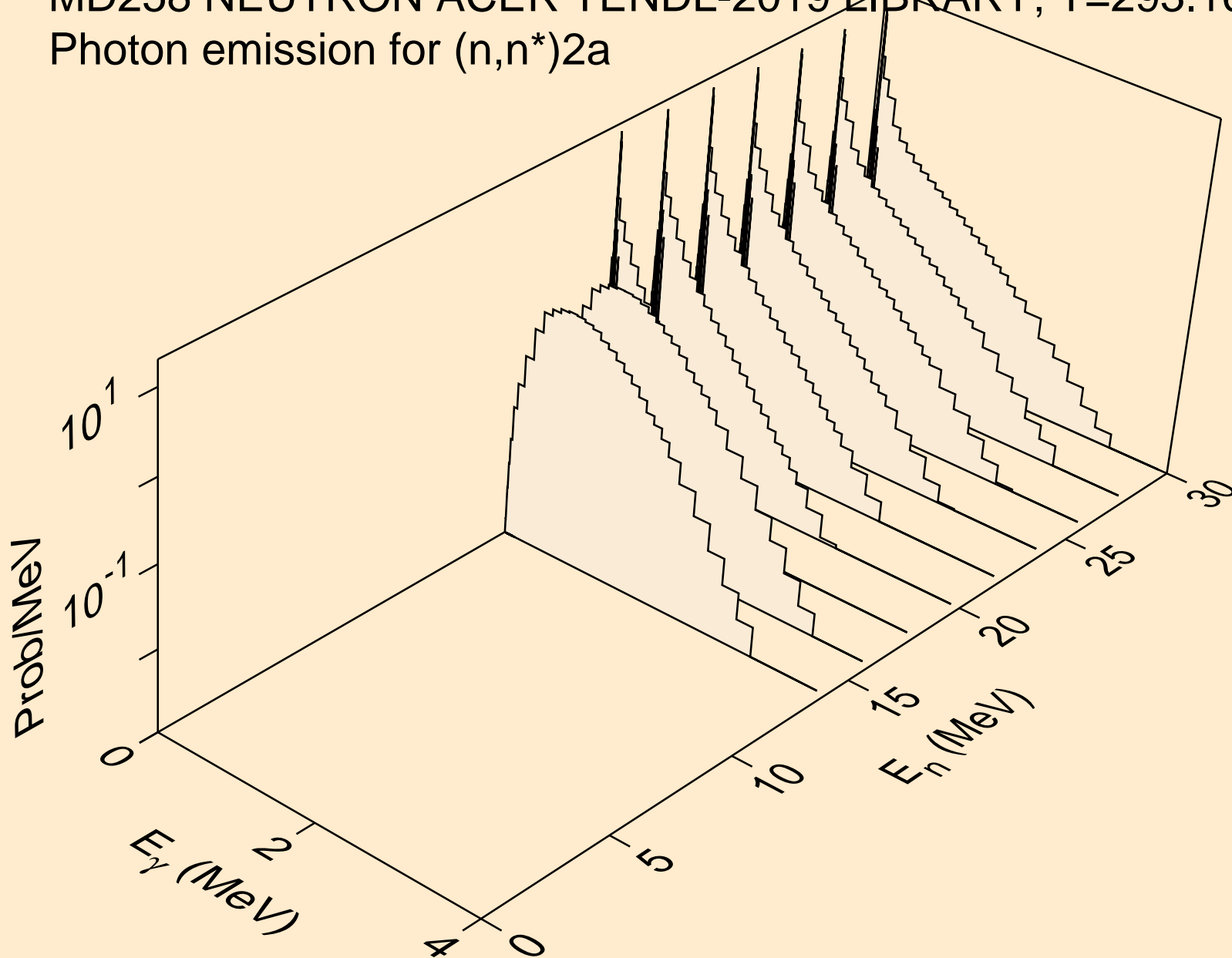


MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)p

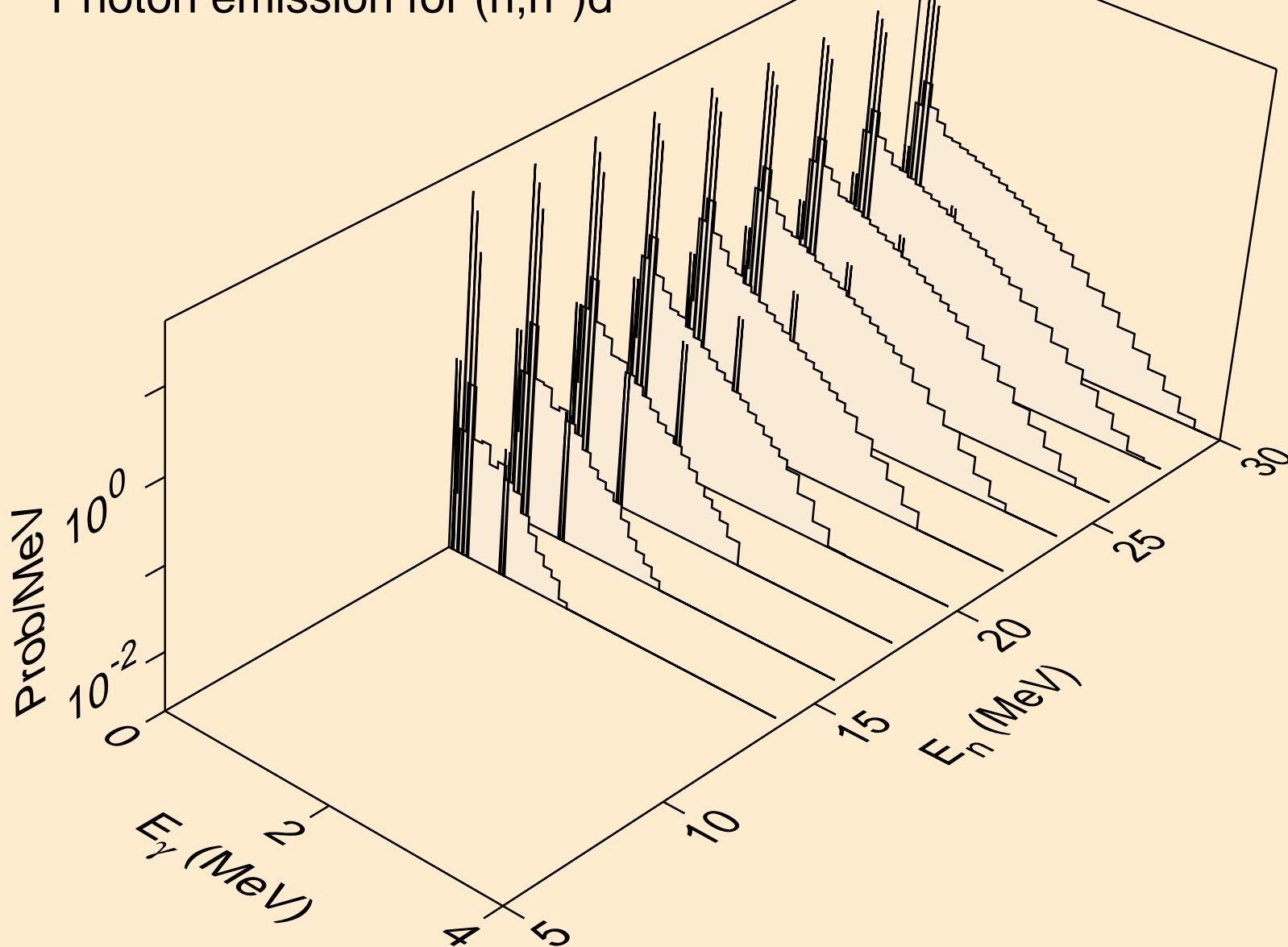




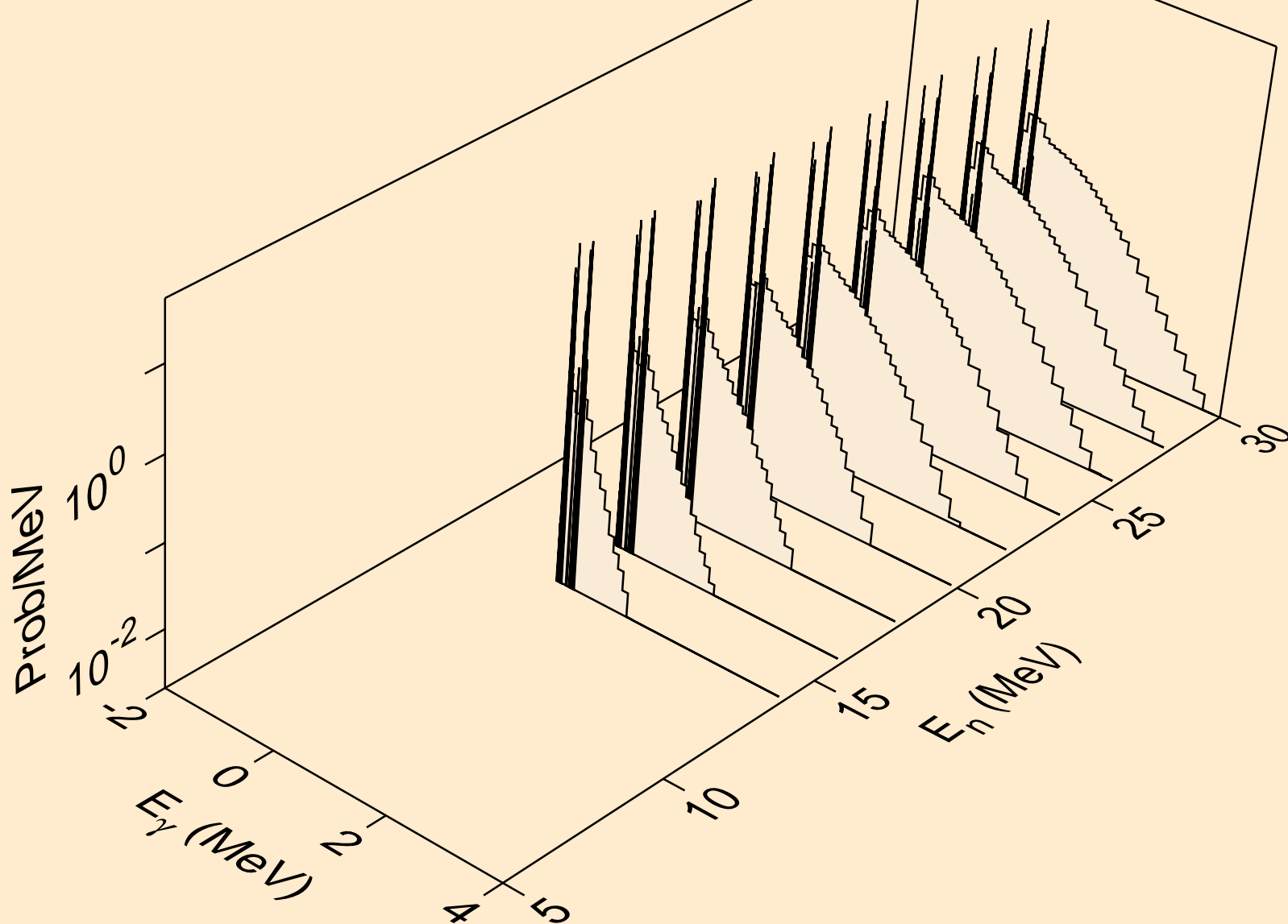
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)2a



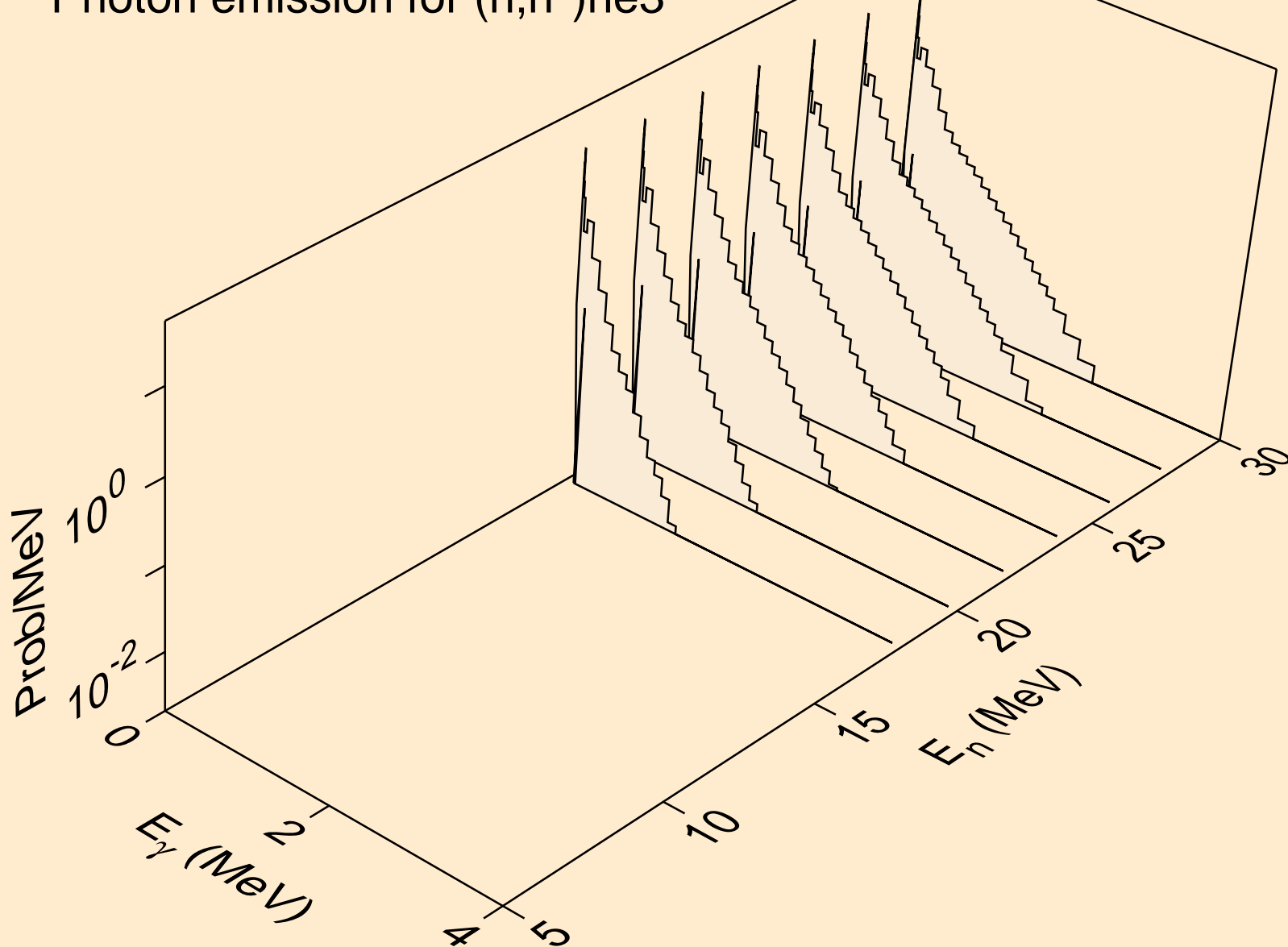
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)d



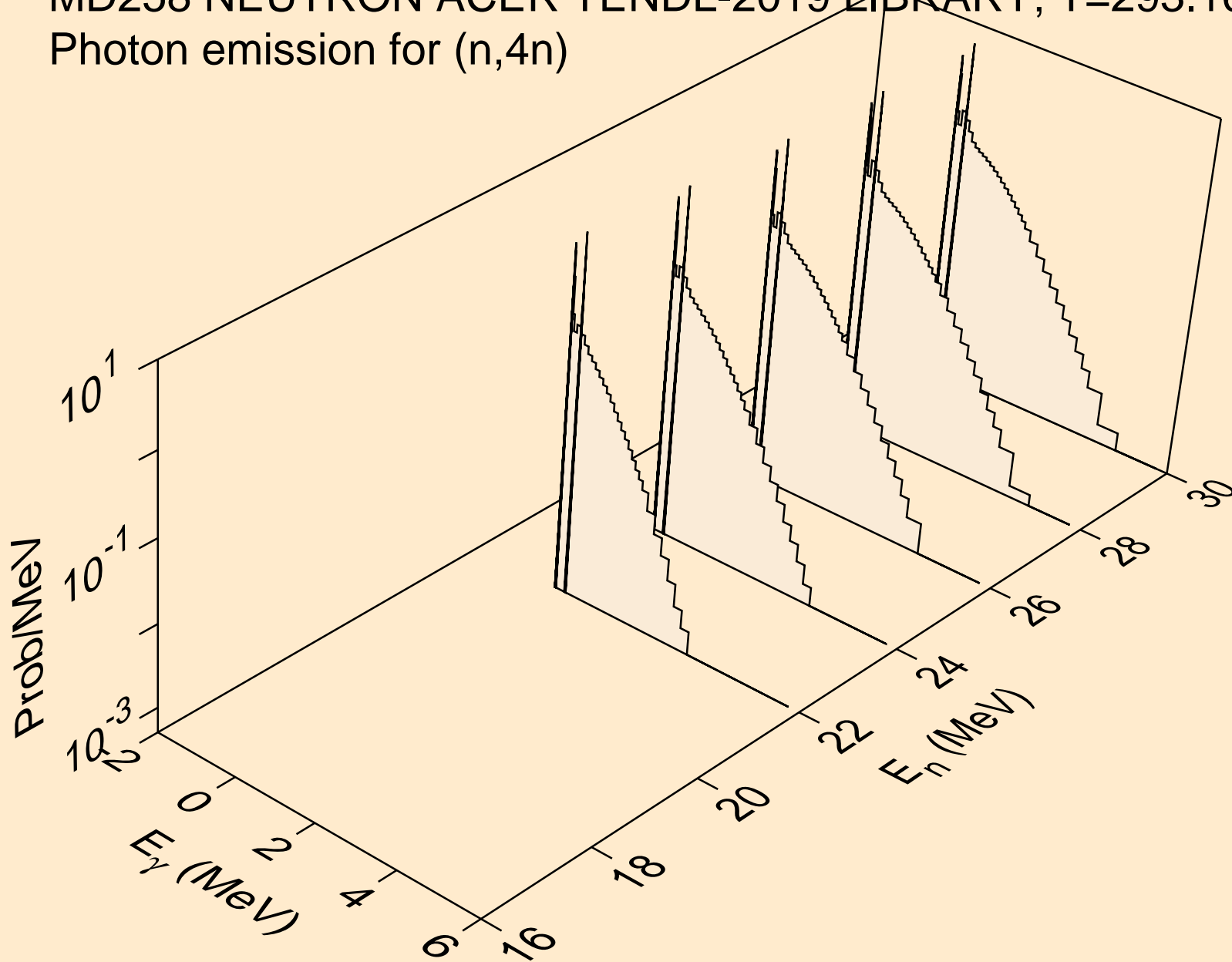
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)t



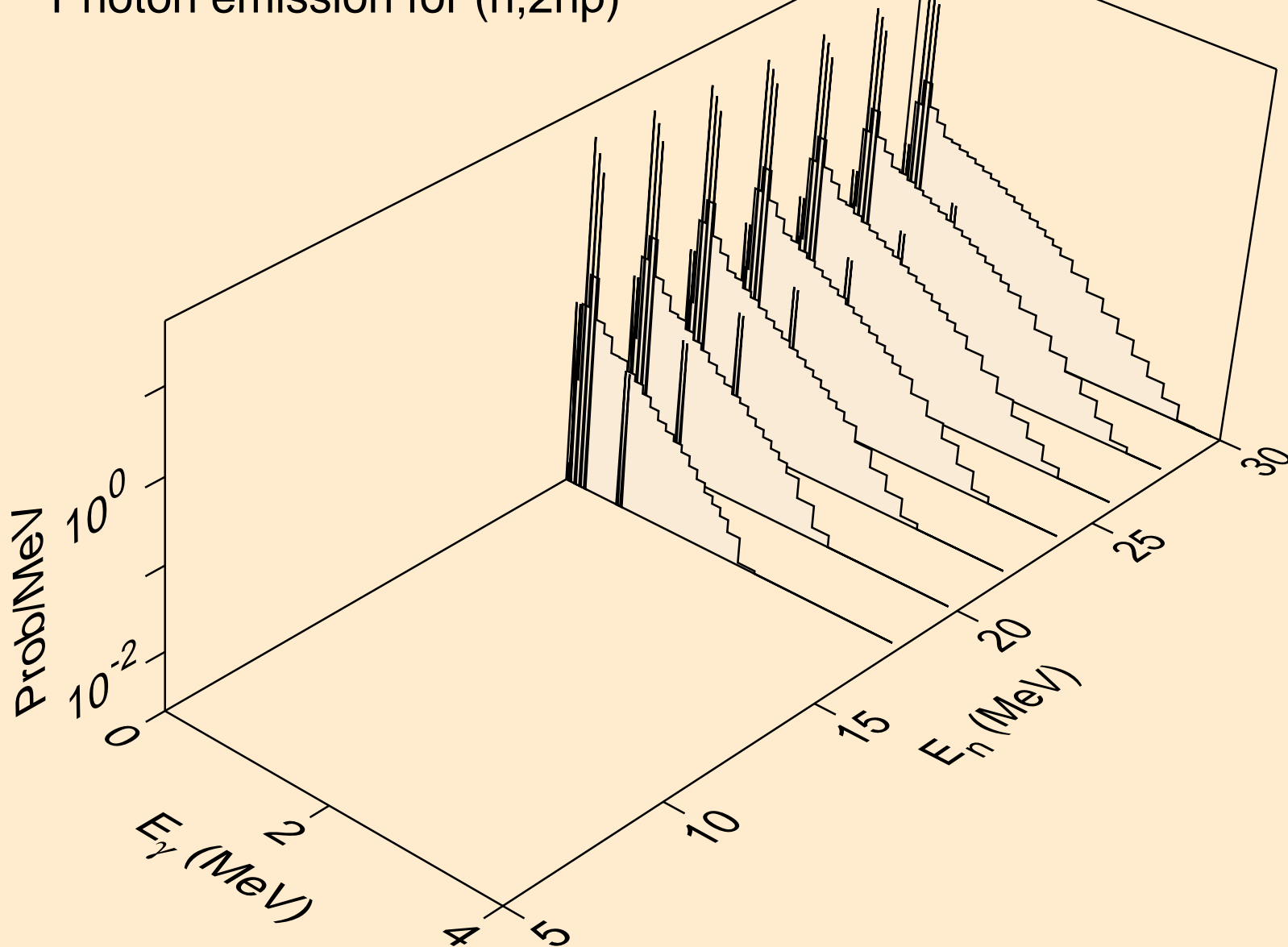
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*)he3



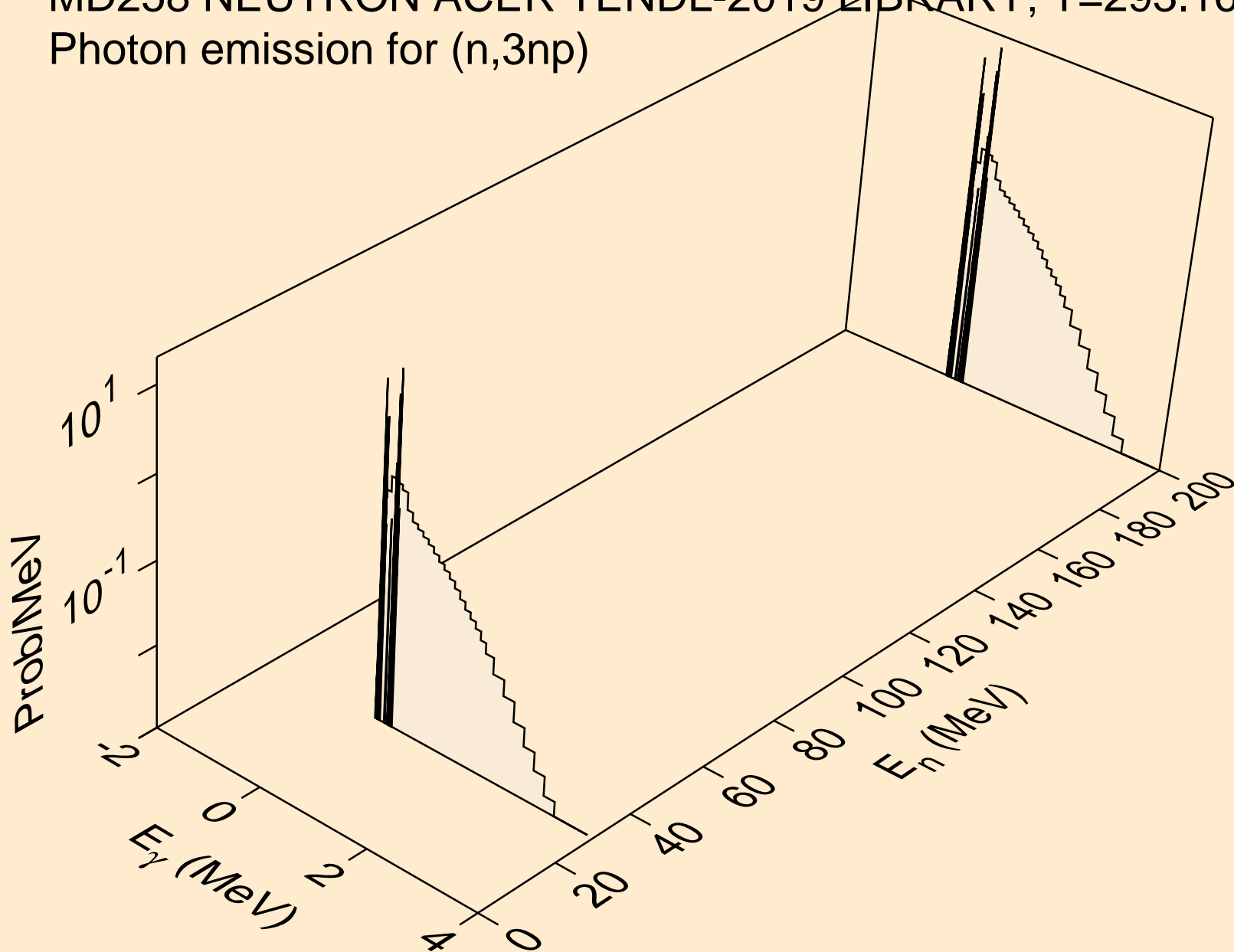
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,4n)



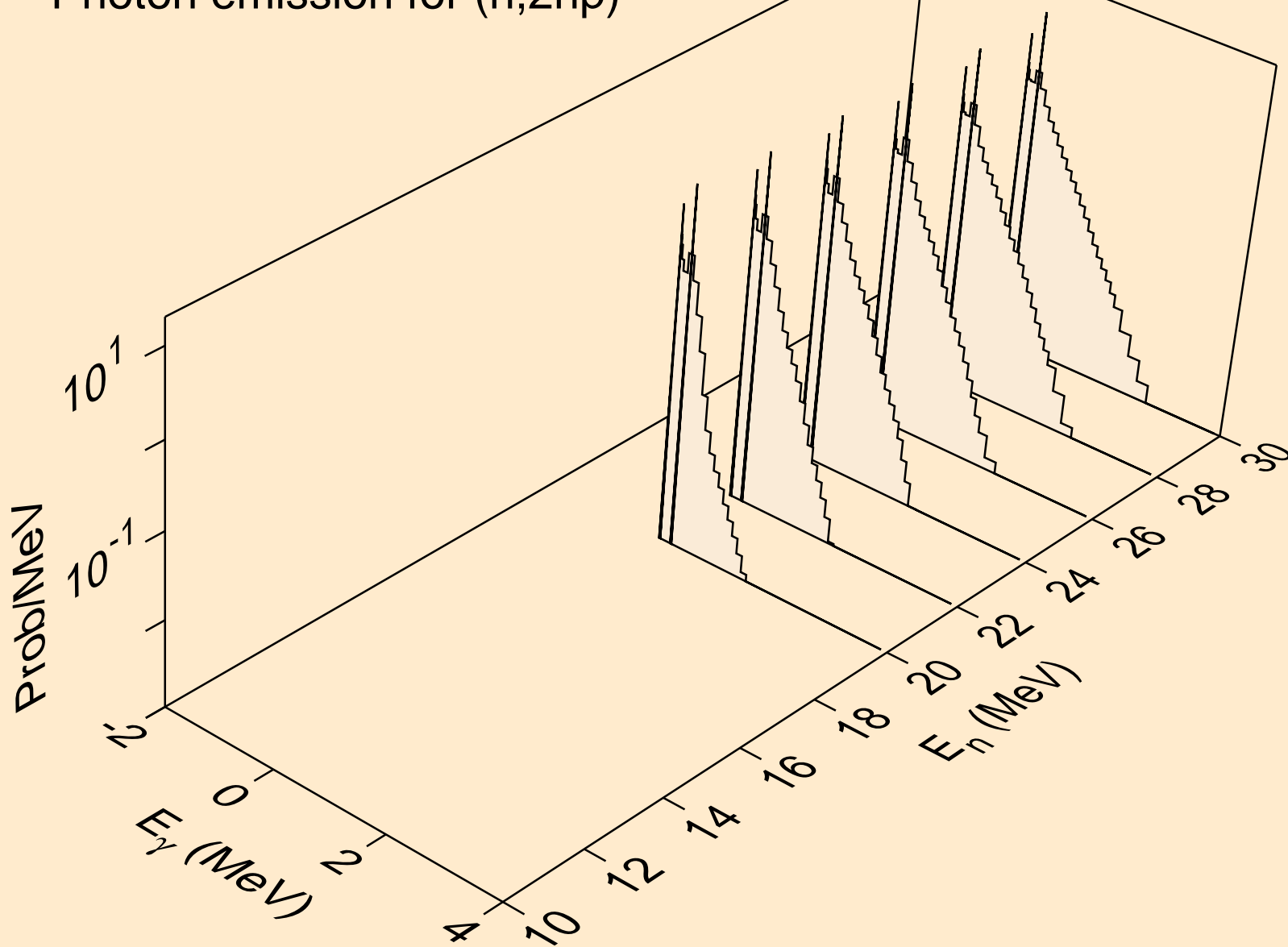
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,3np)

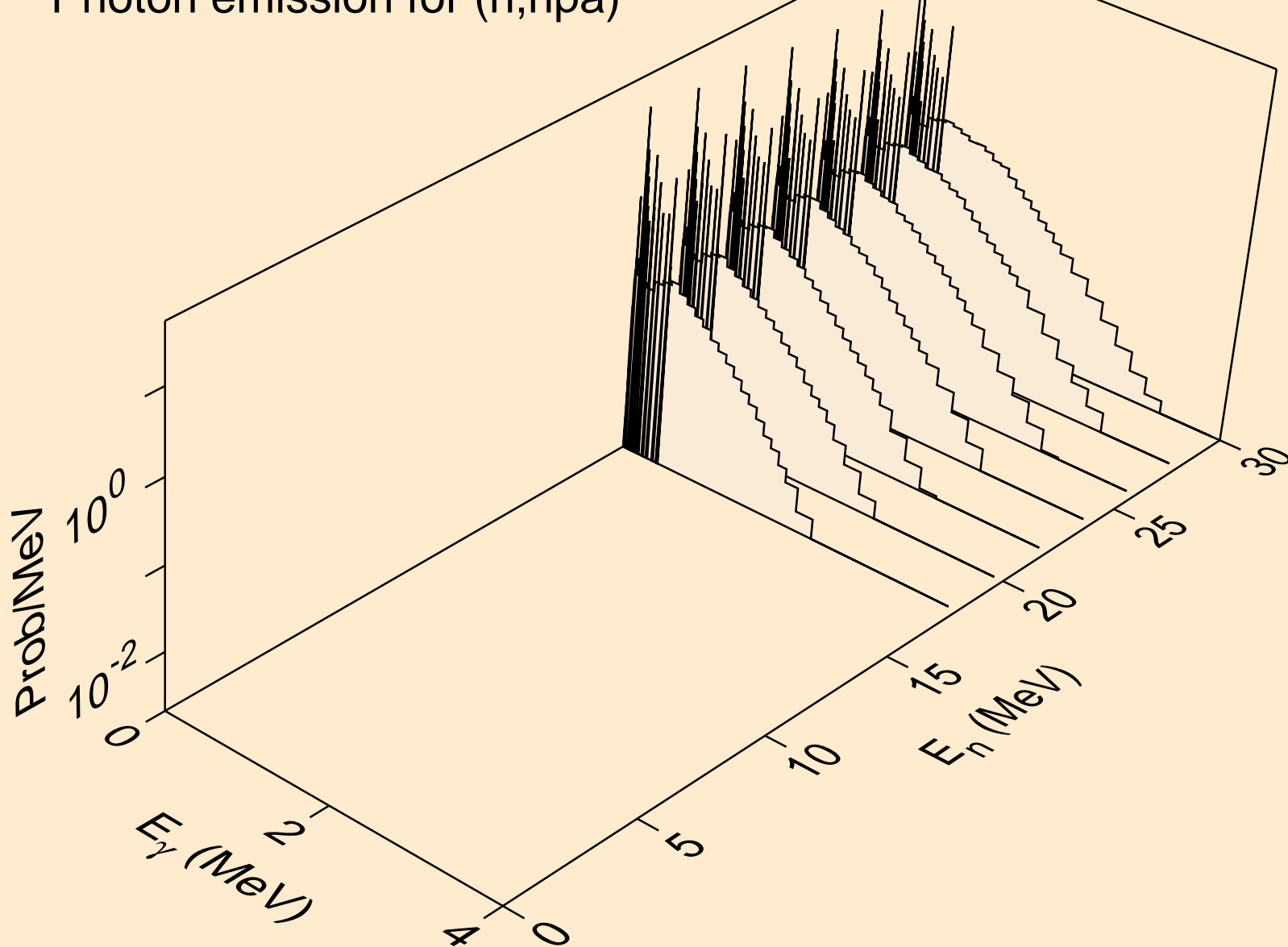


MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2np)

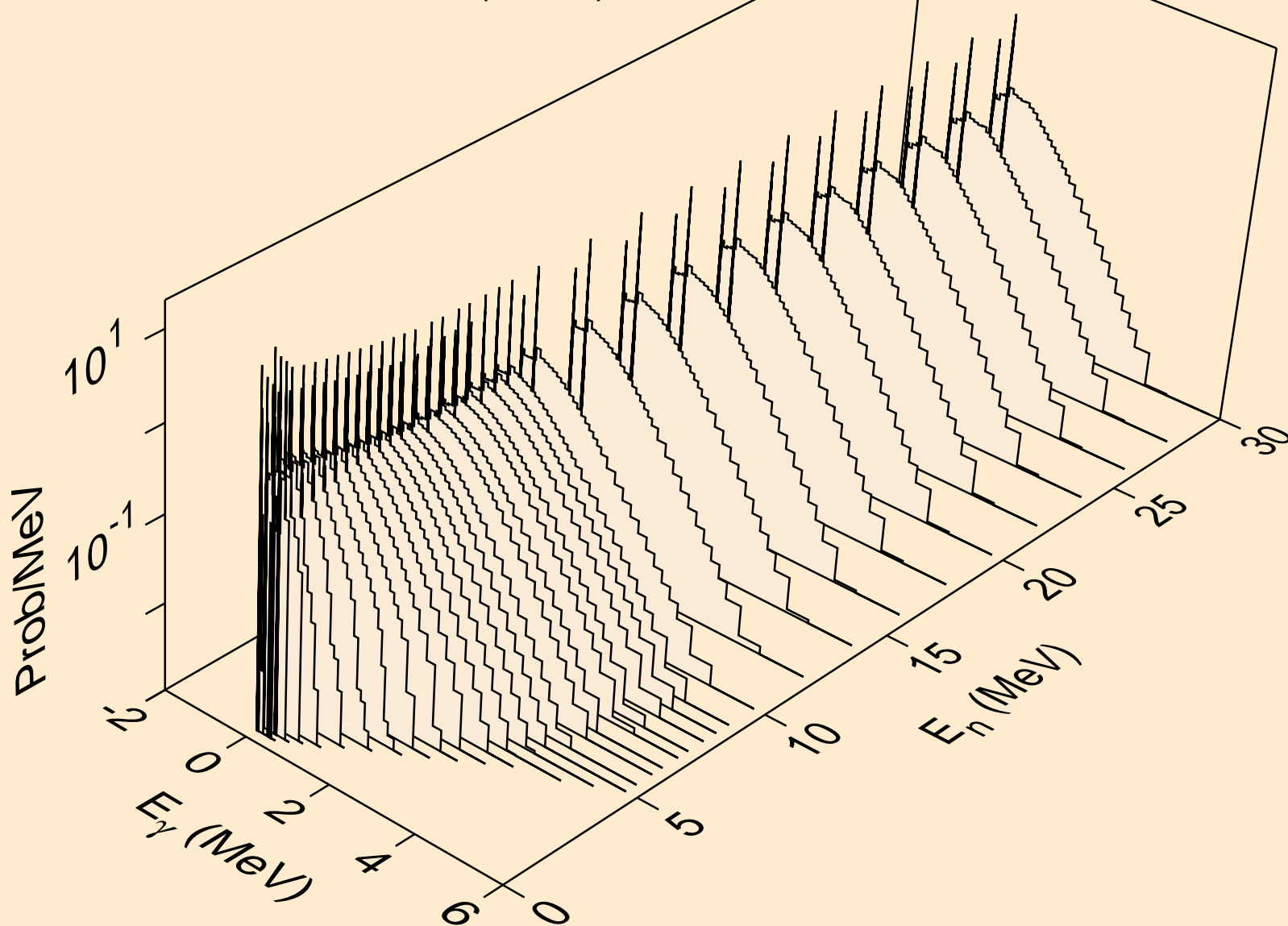




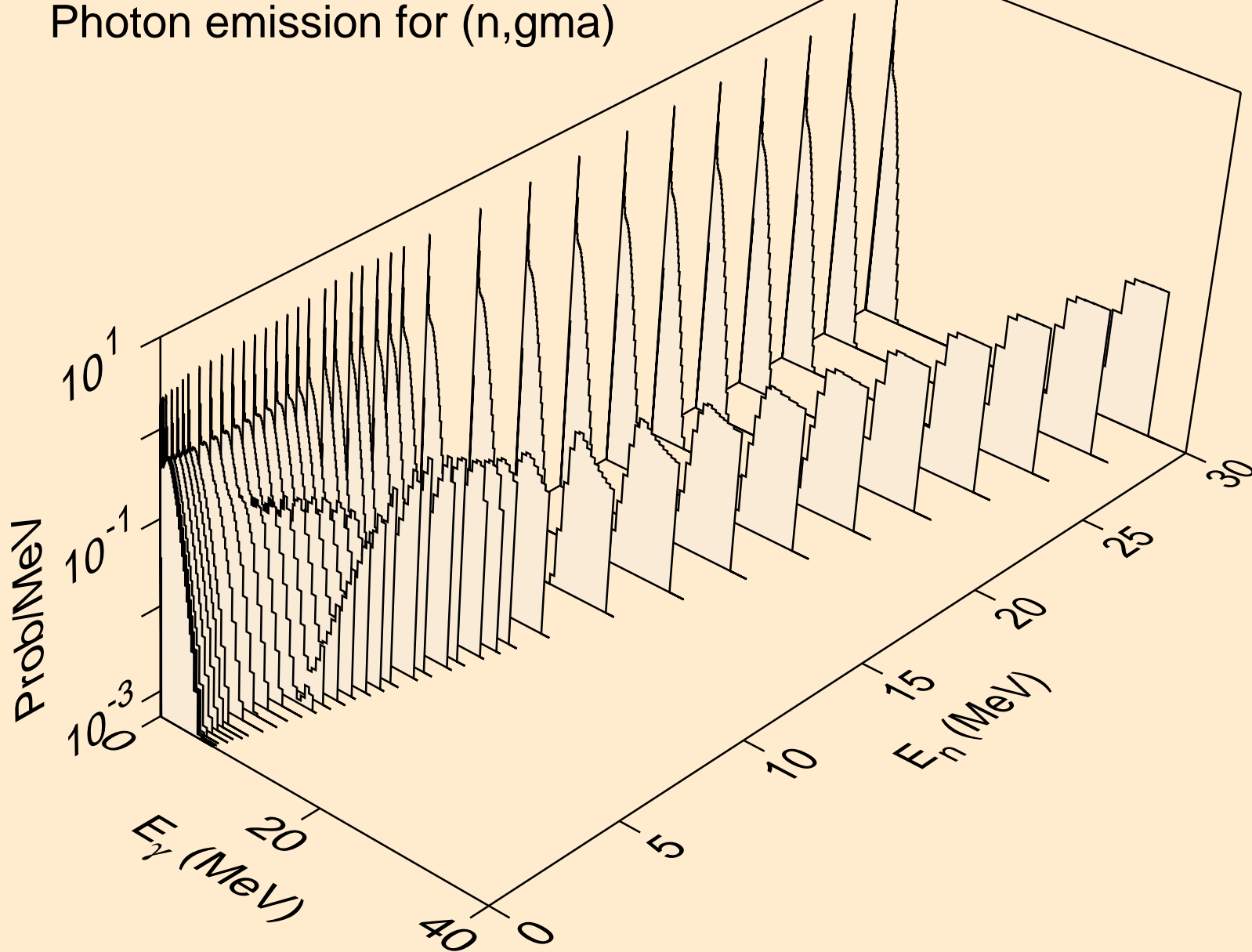
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,npa)



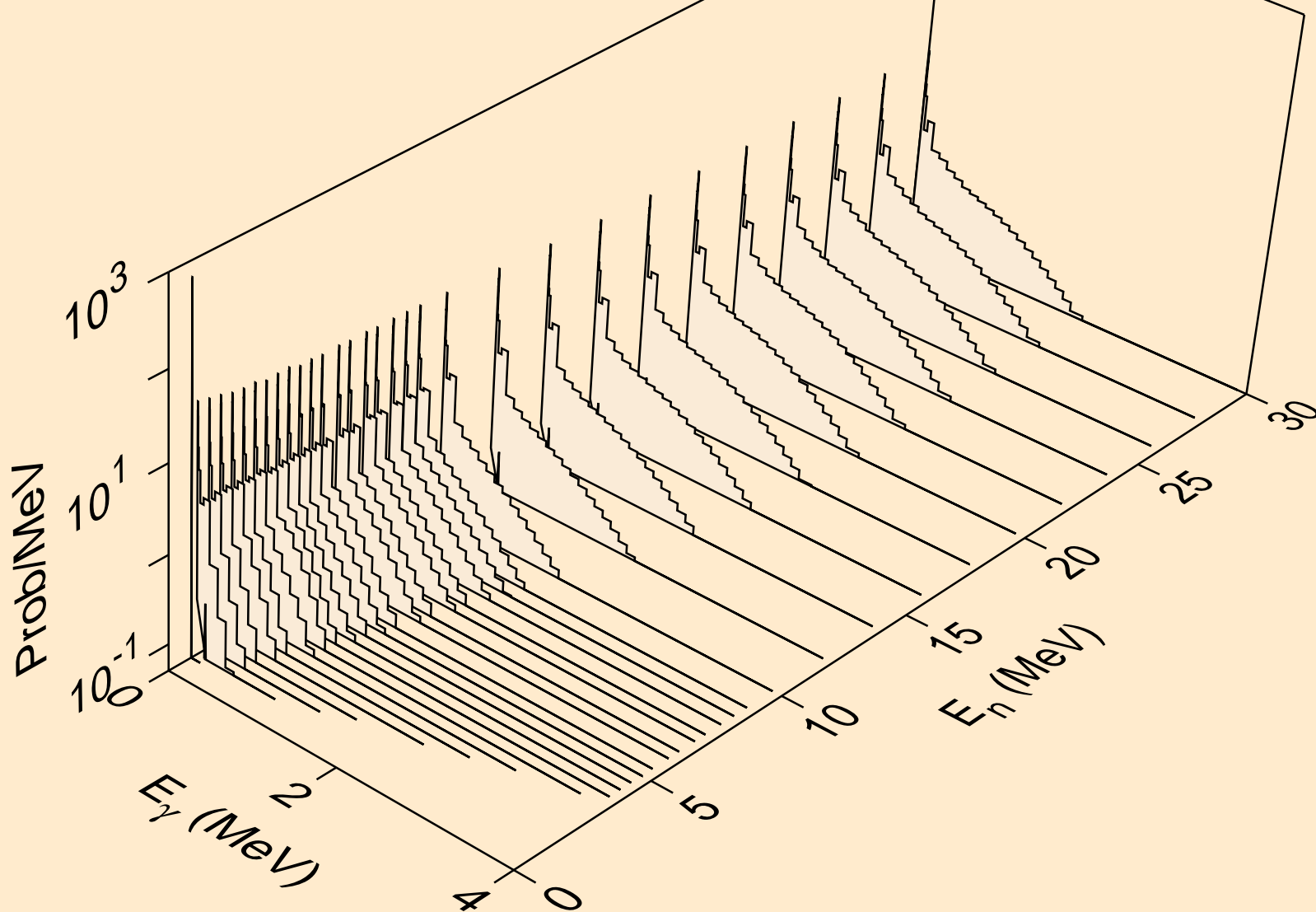
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,n\*c)



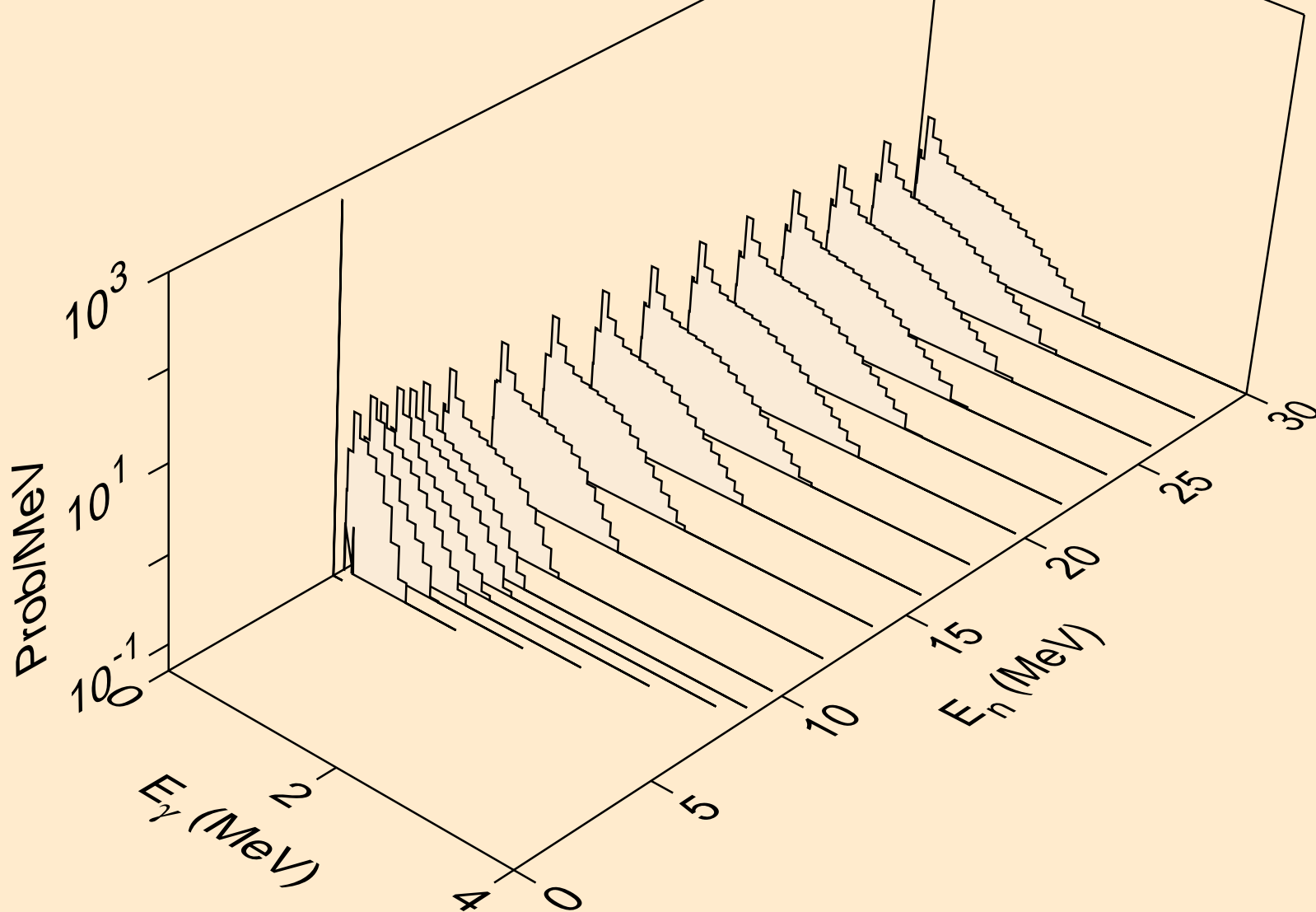
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,gma)



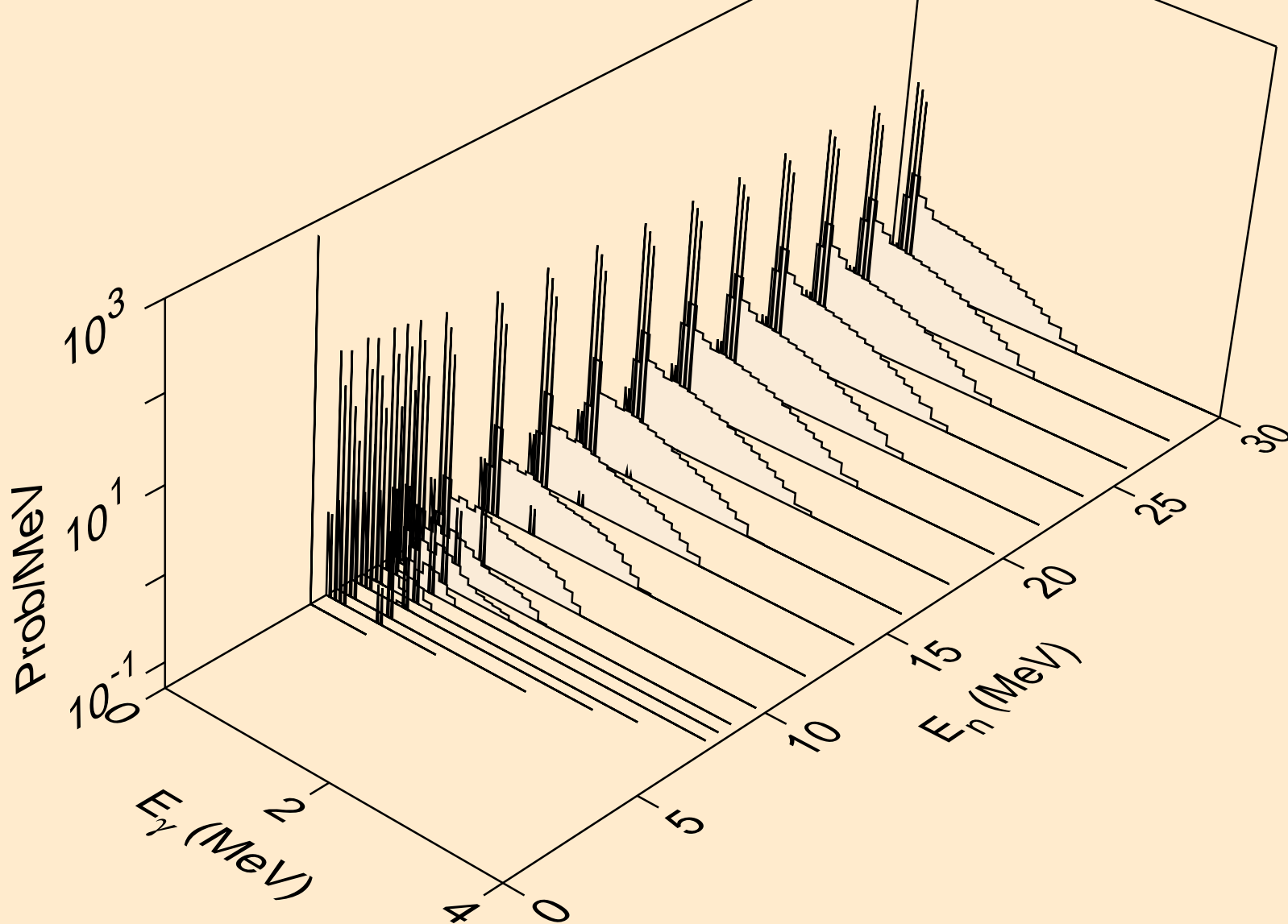
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,p)



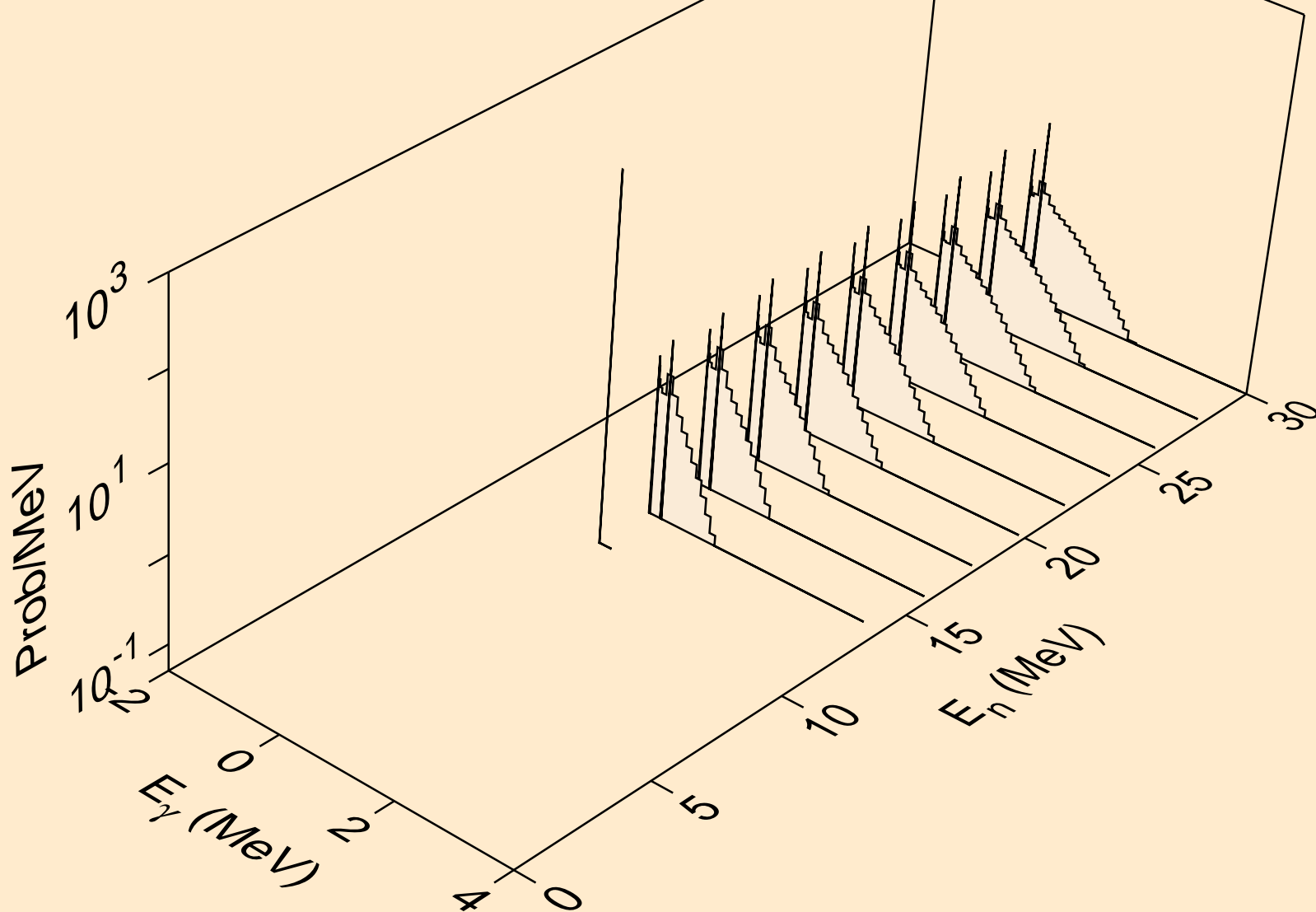
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,d)



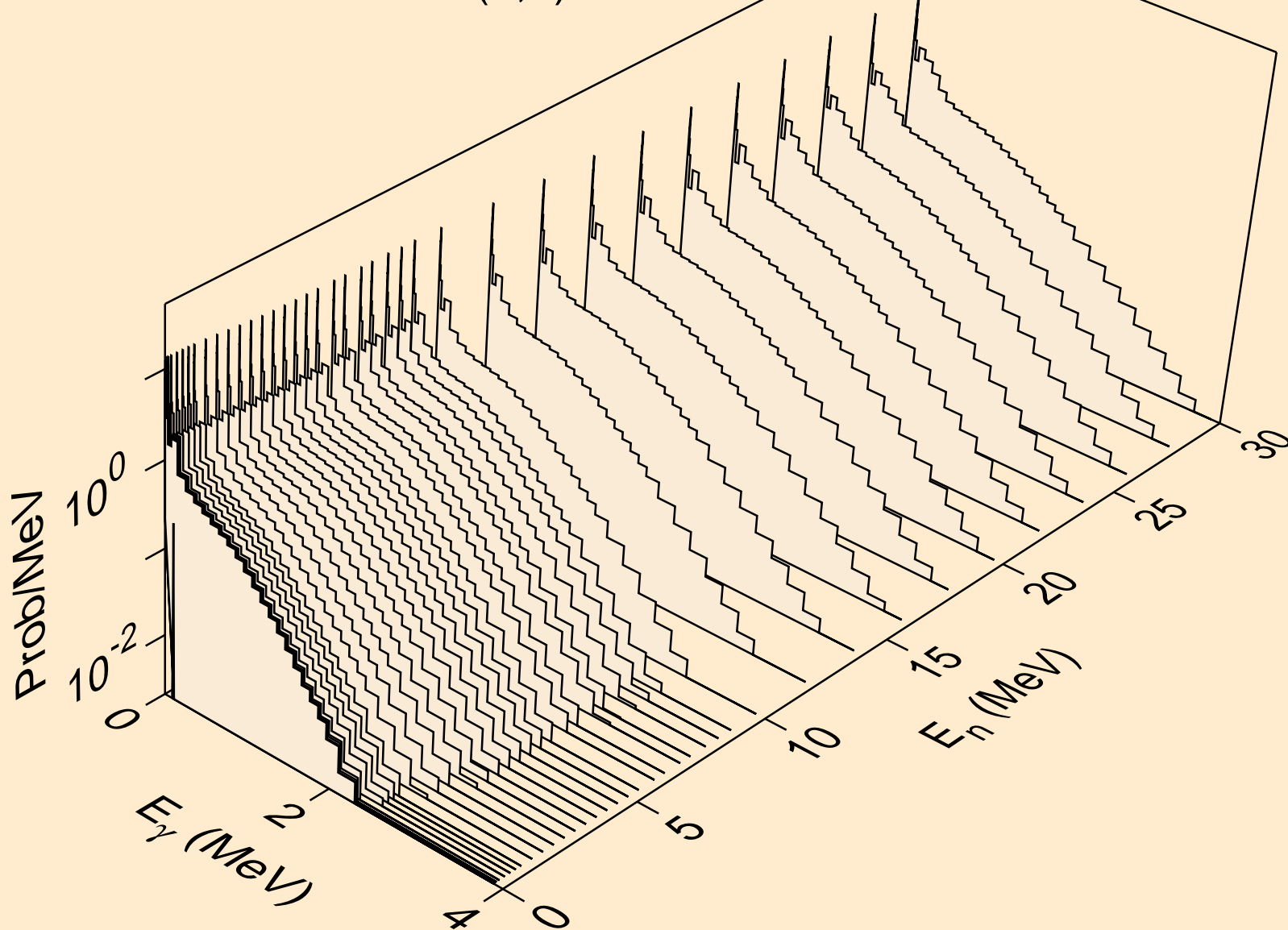
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,t)



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,he3)

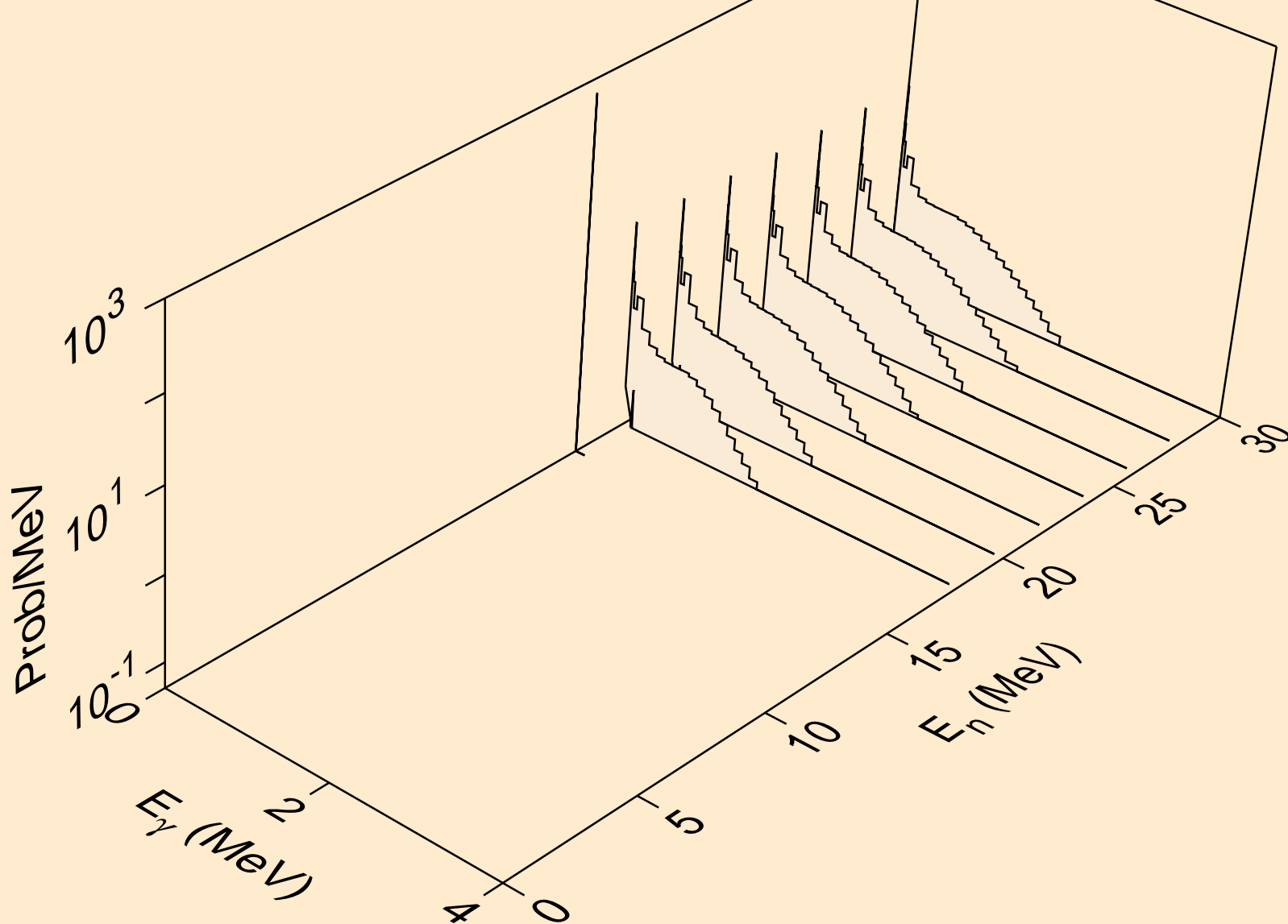


MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,a)

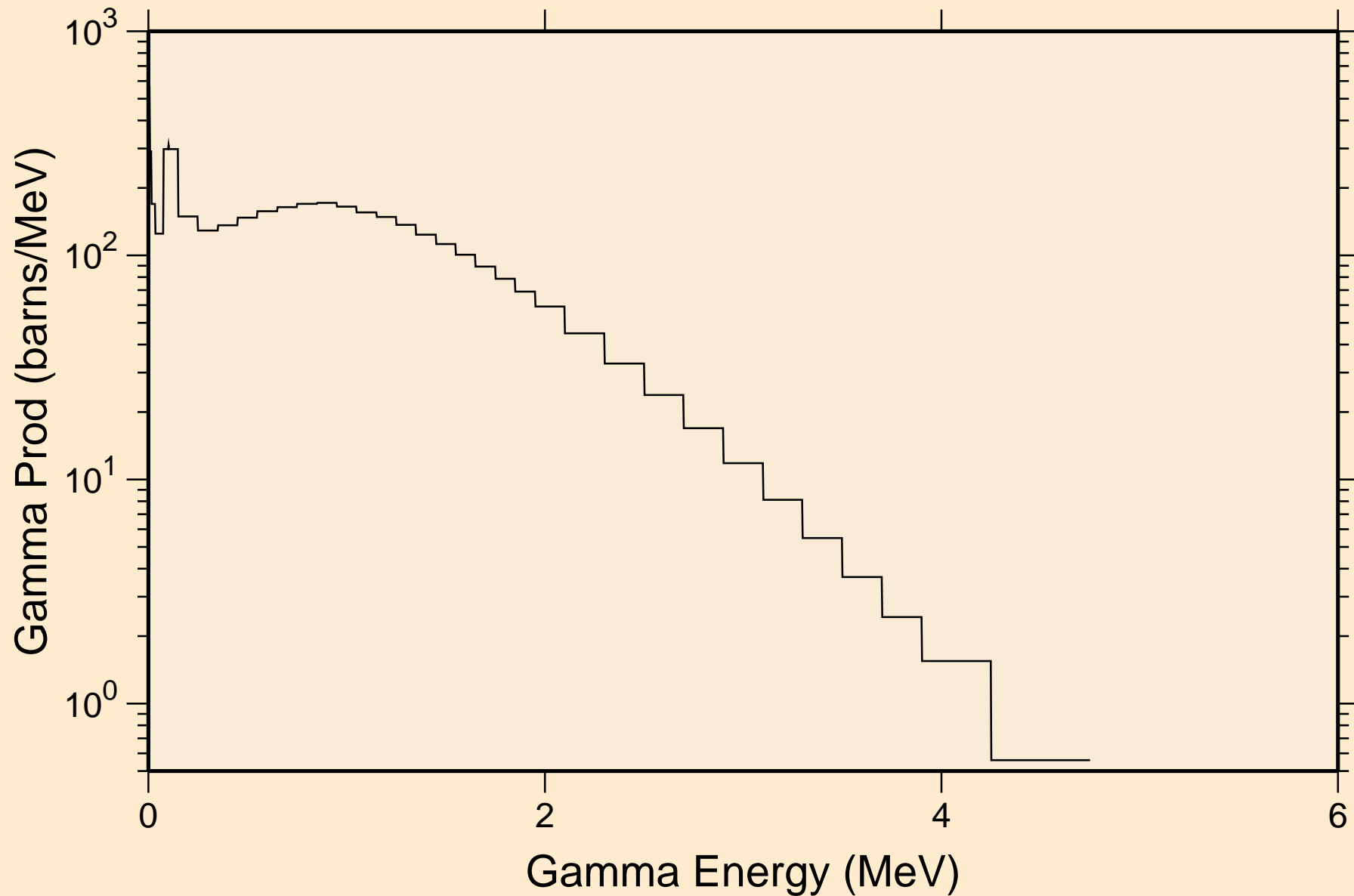




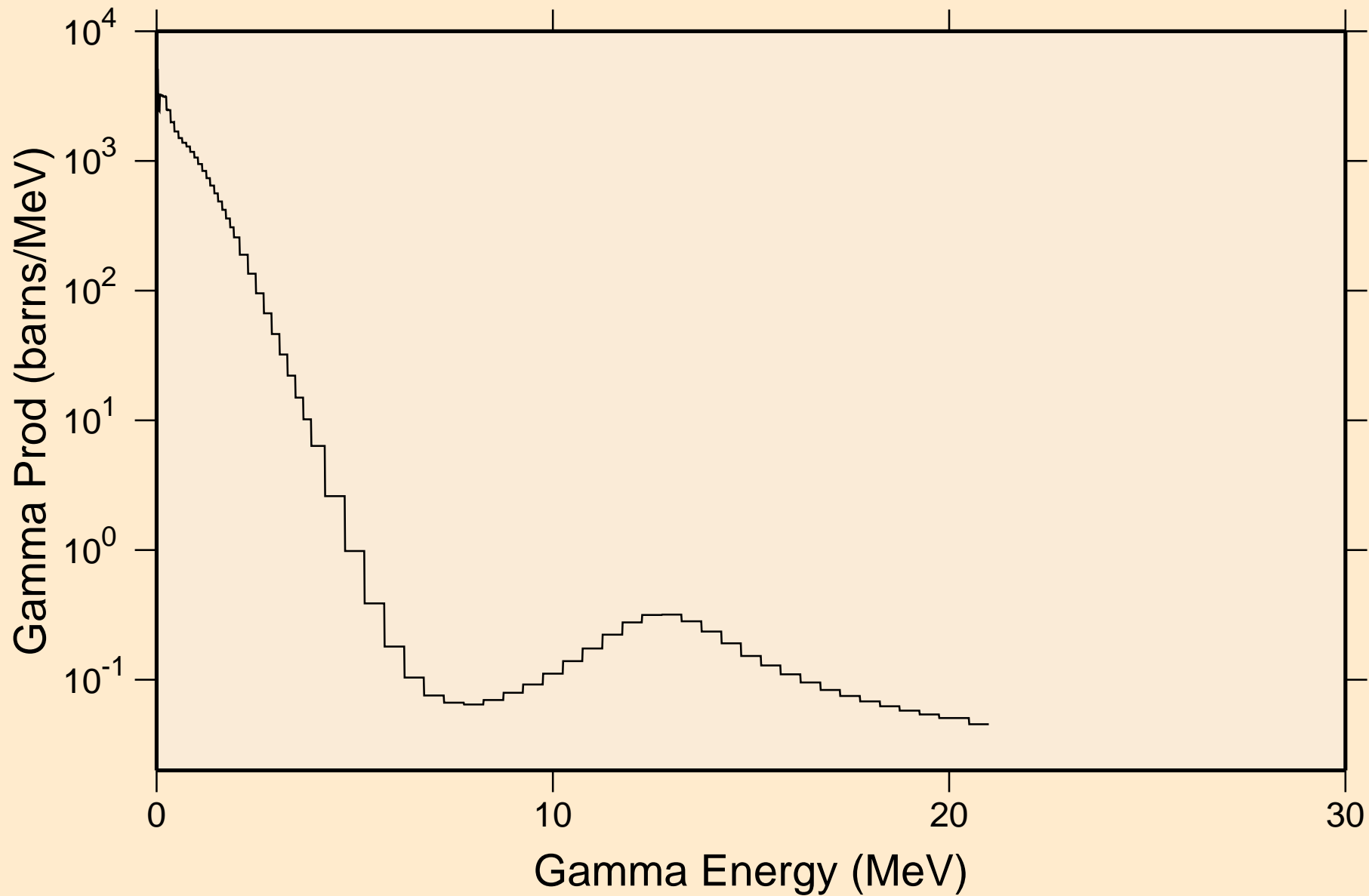
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Photon emission for (n,2p)



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
thermal capture photon spectrum

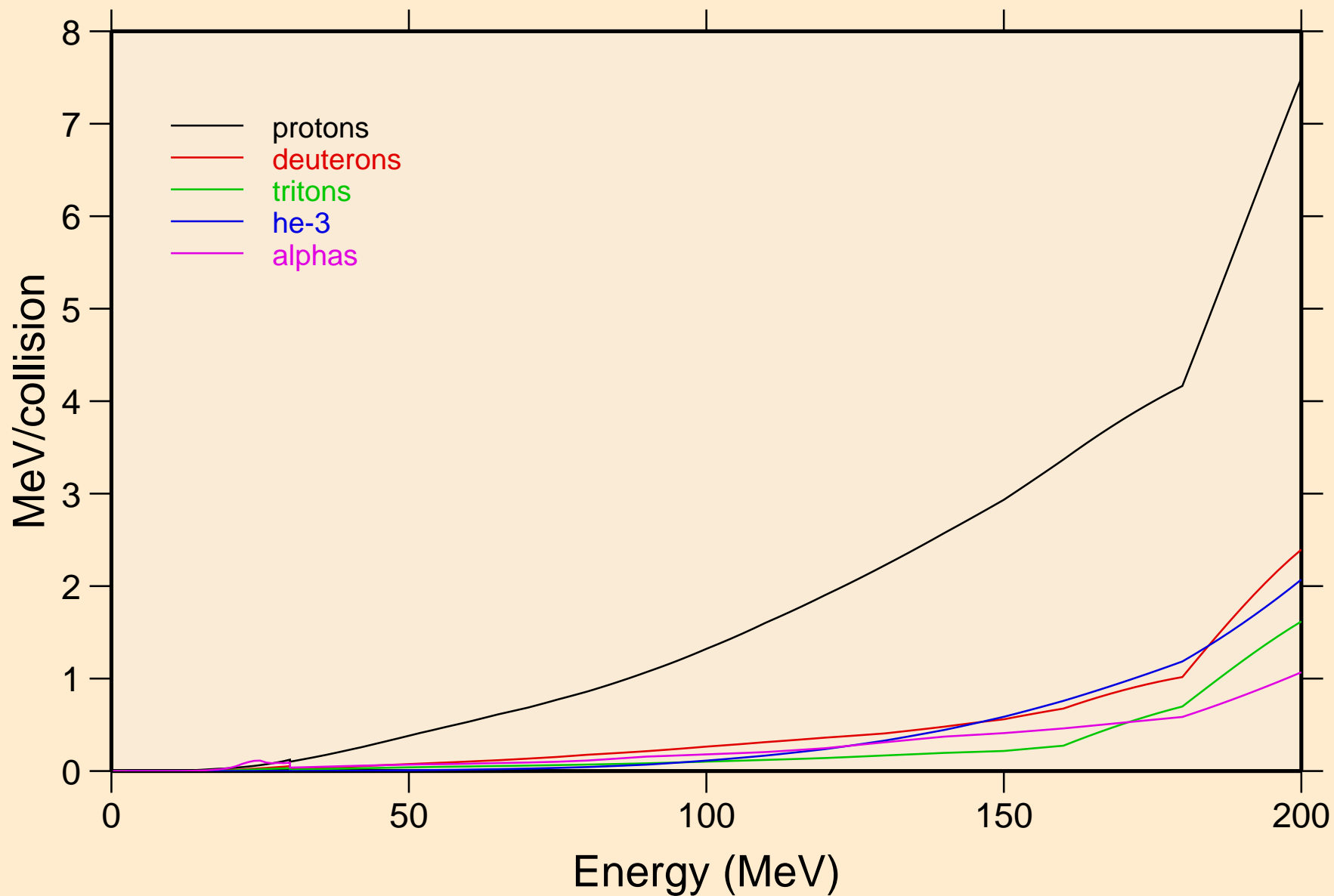


MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
14 MeV photon spectrum

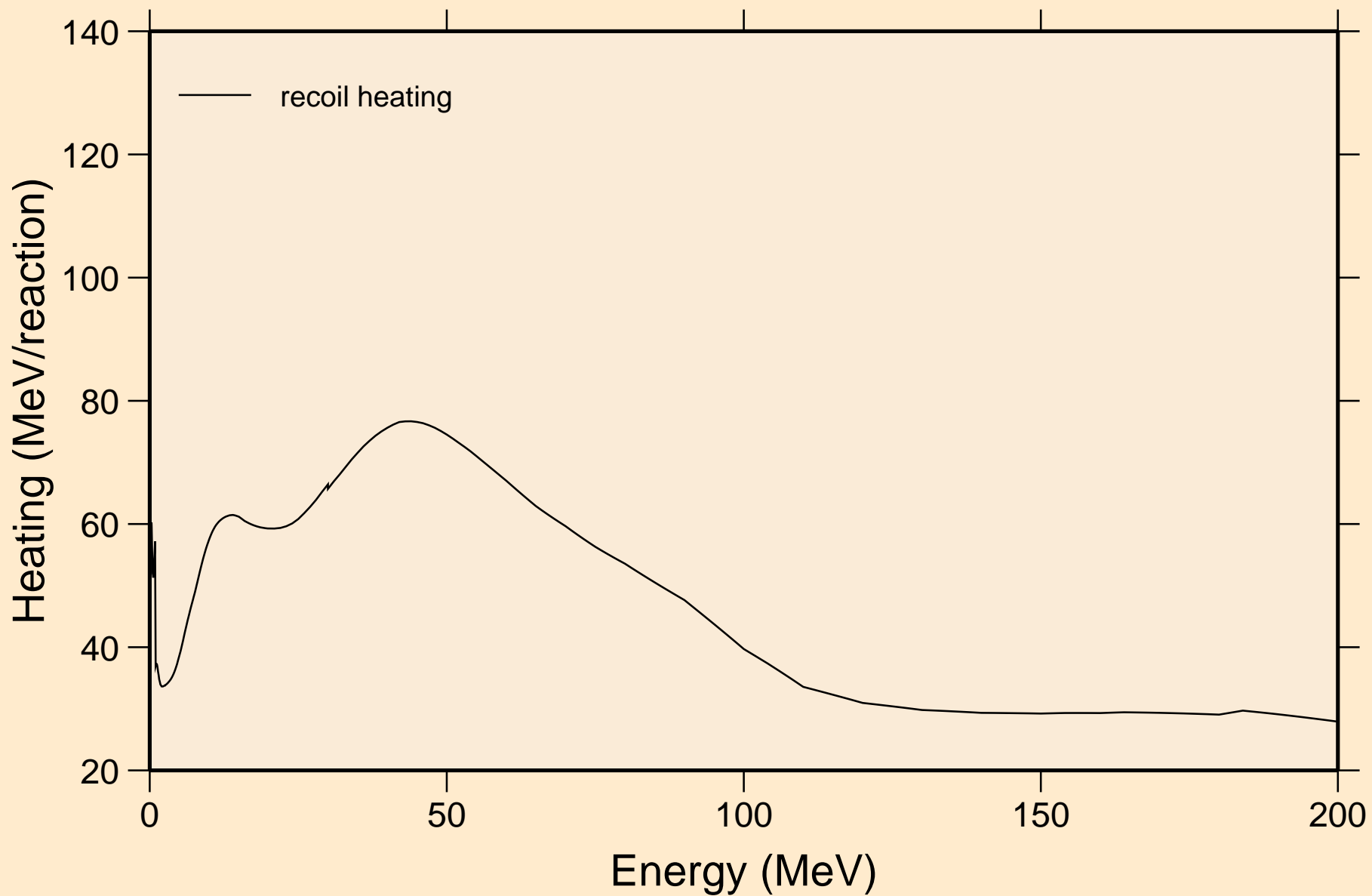


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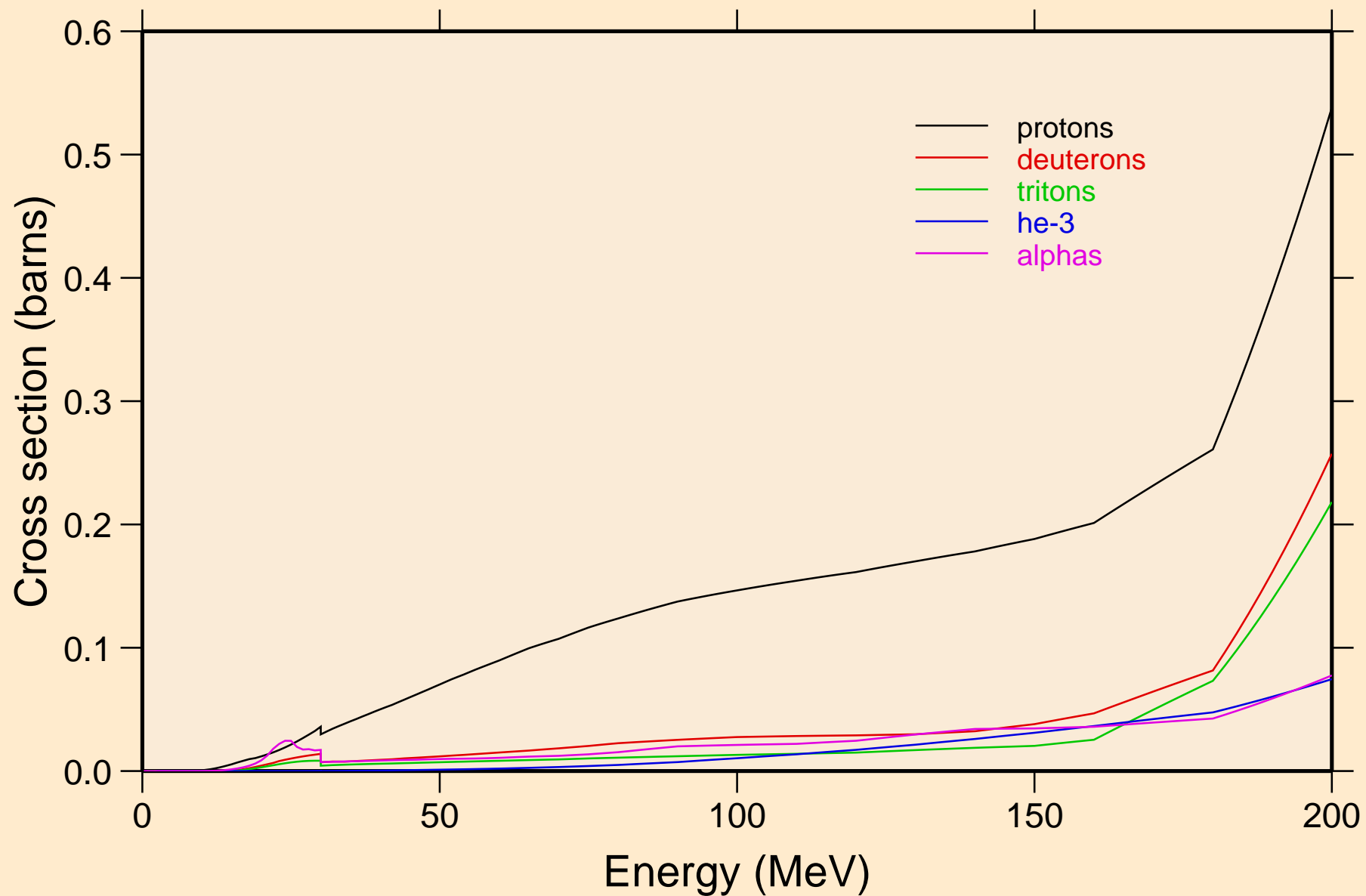
## Particle heating contributions



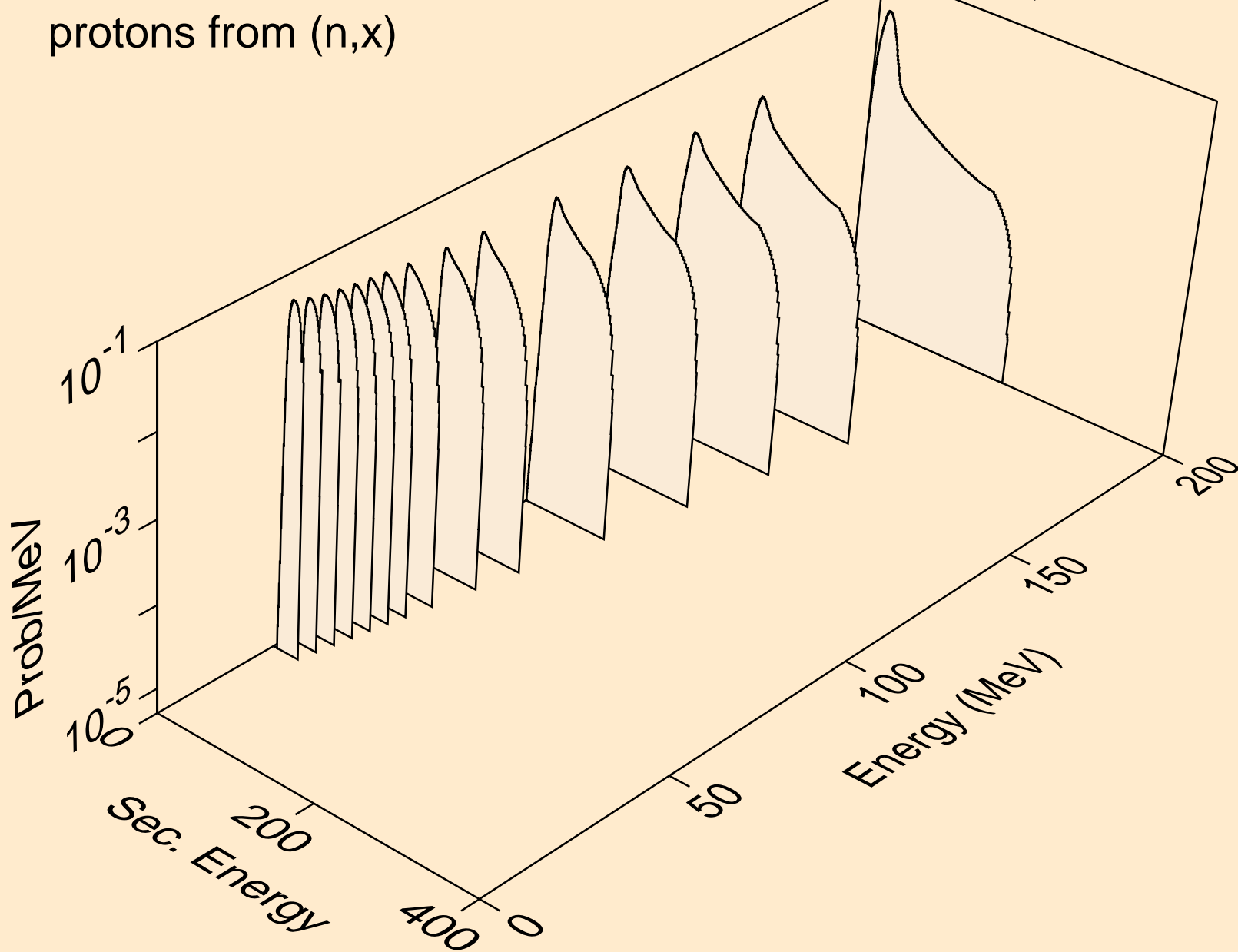
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Recoil Heating



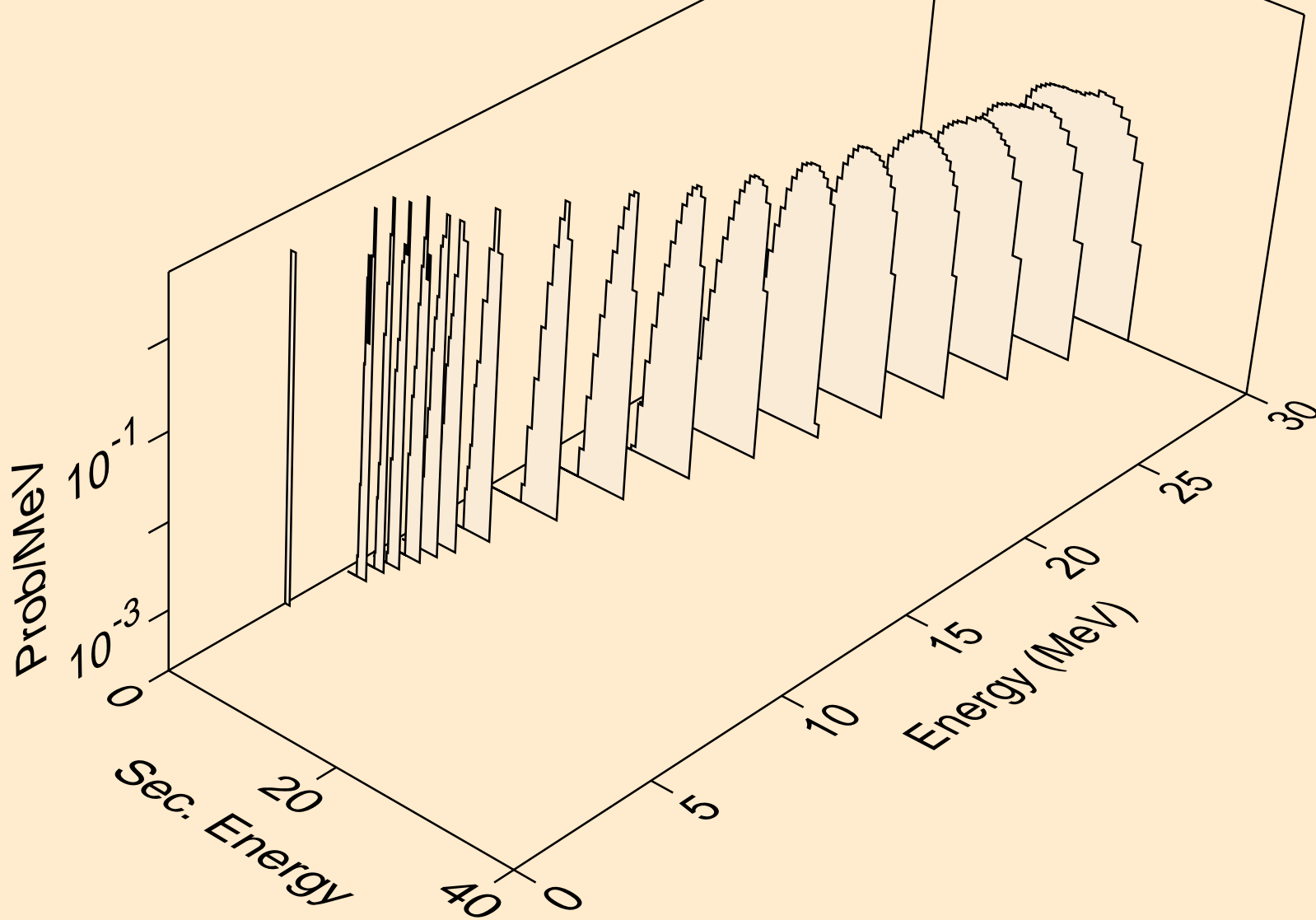
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
Particle production cross sections



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,x)

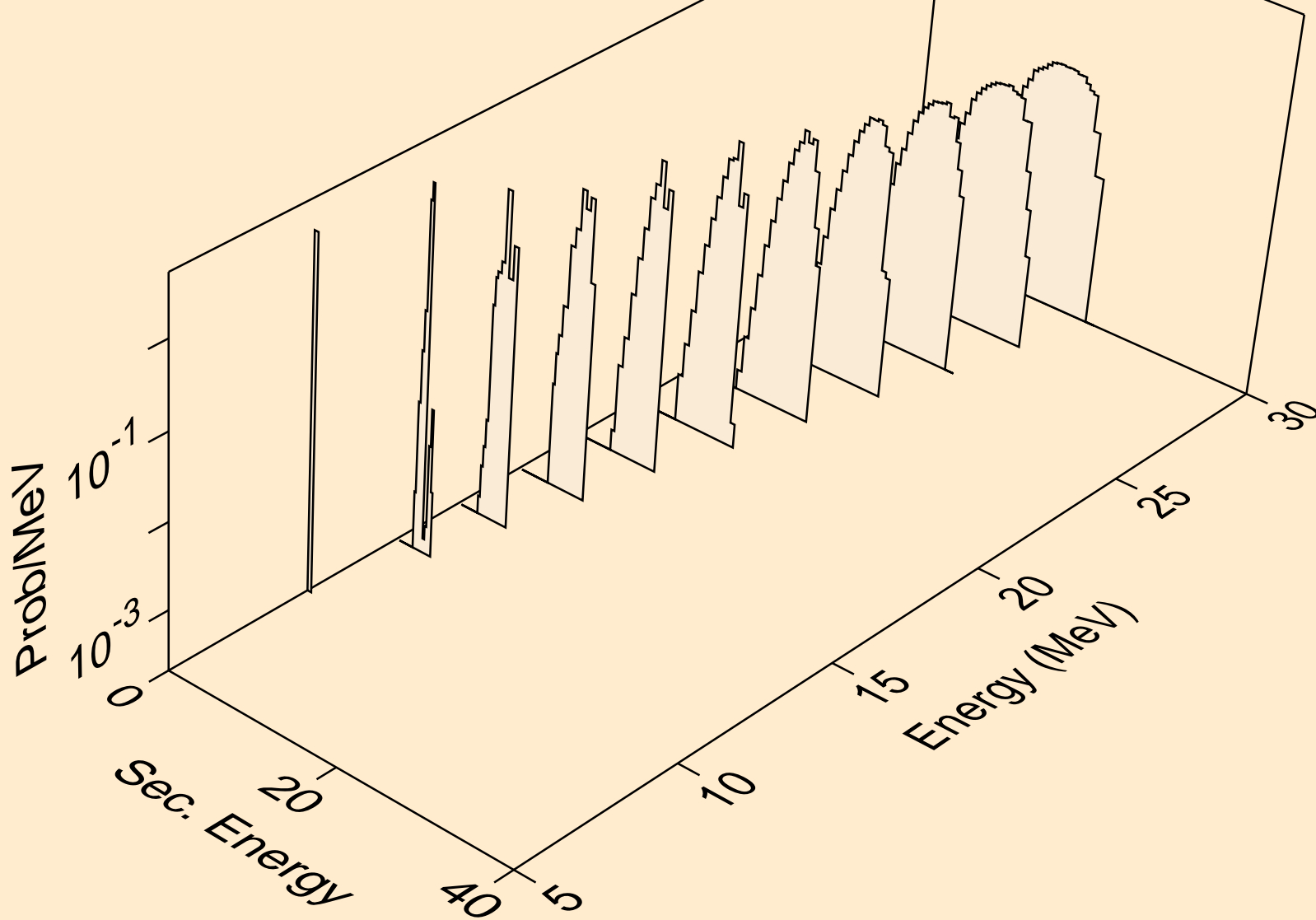


MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,n\*)p

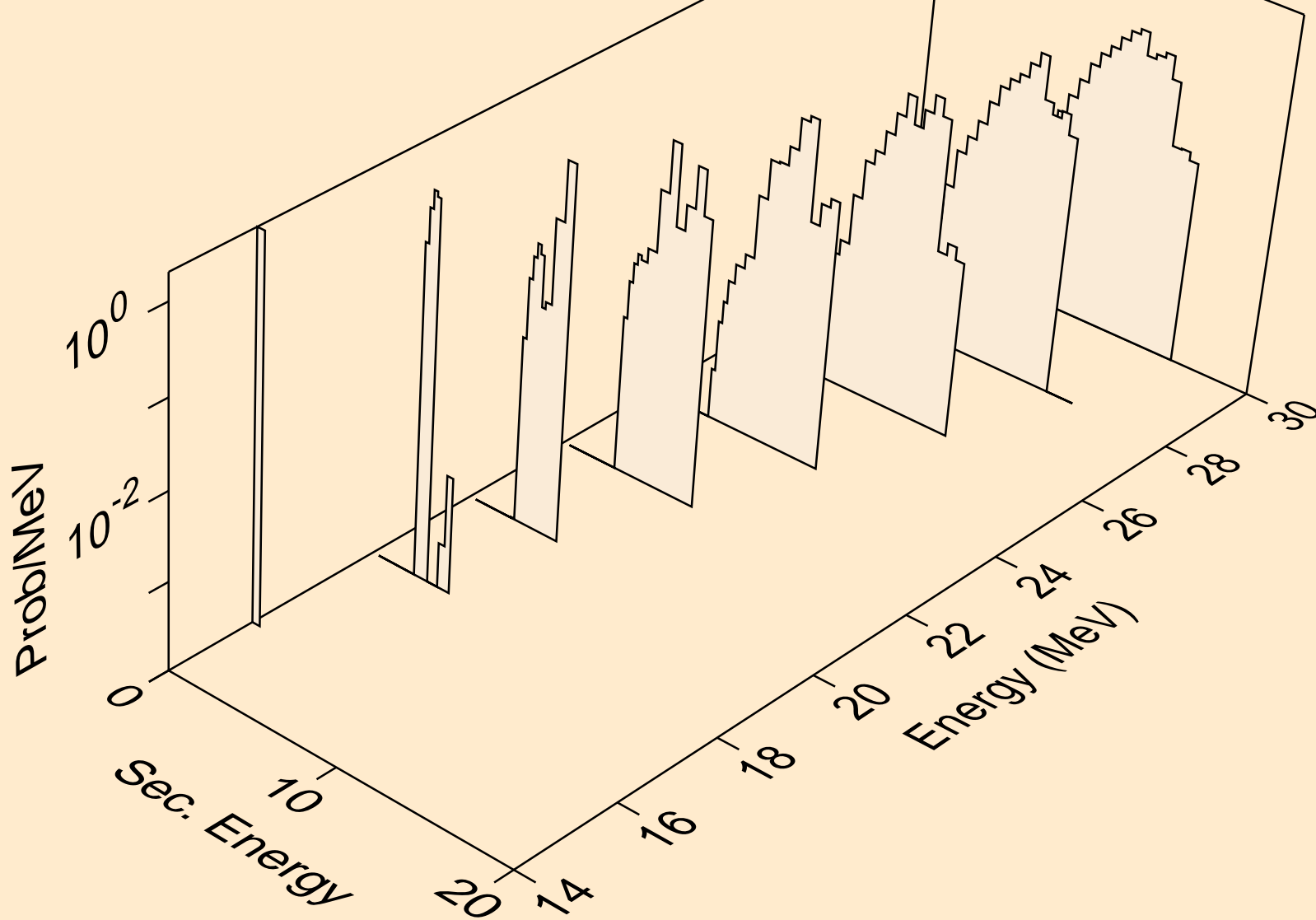




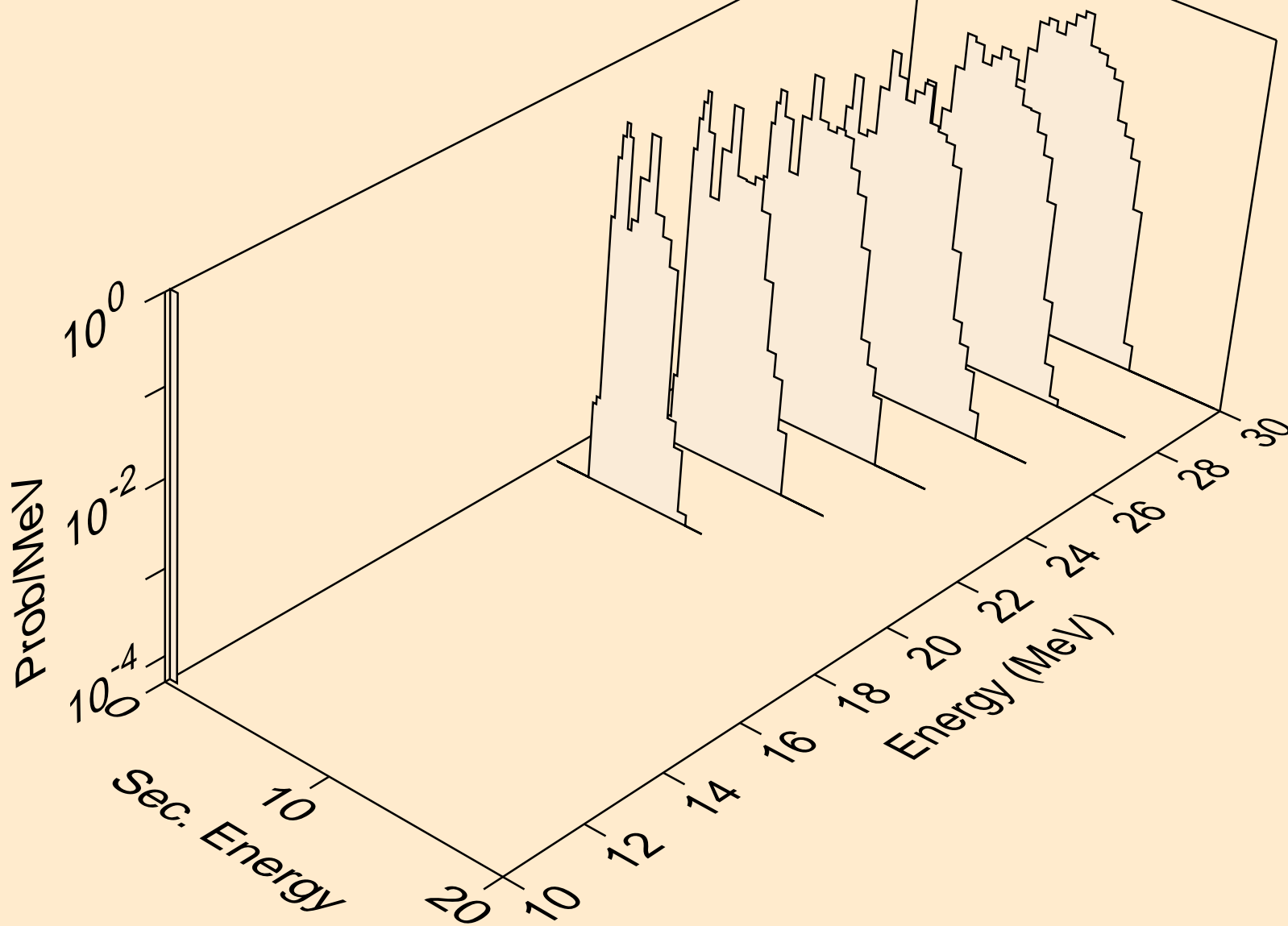
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



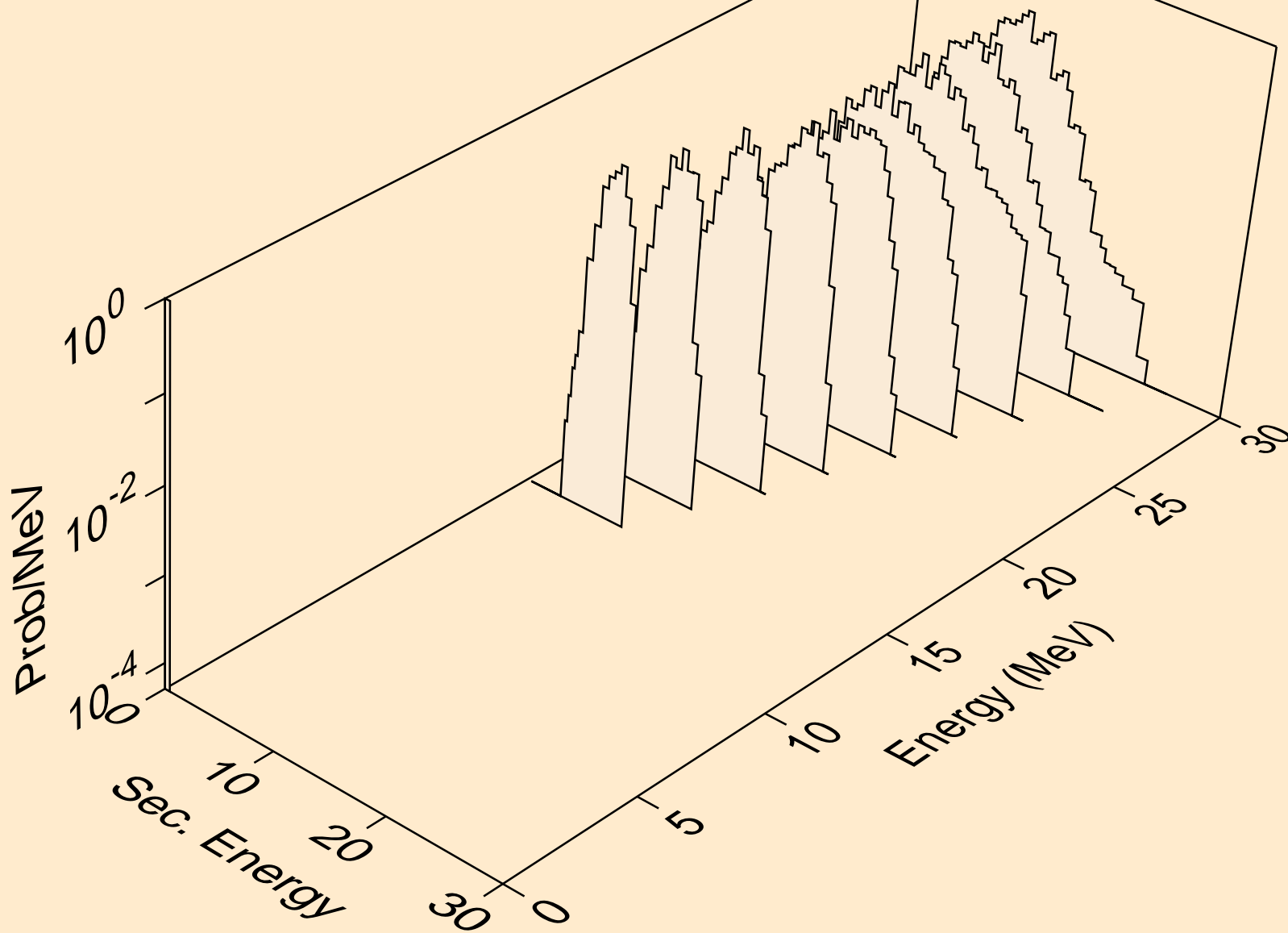
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,3np)



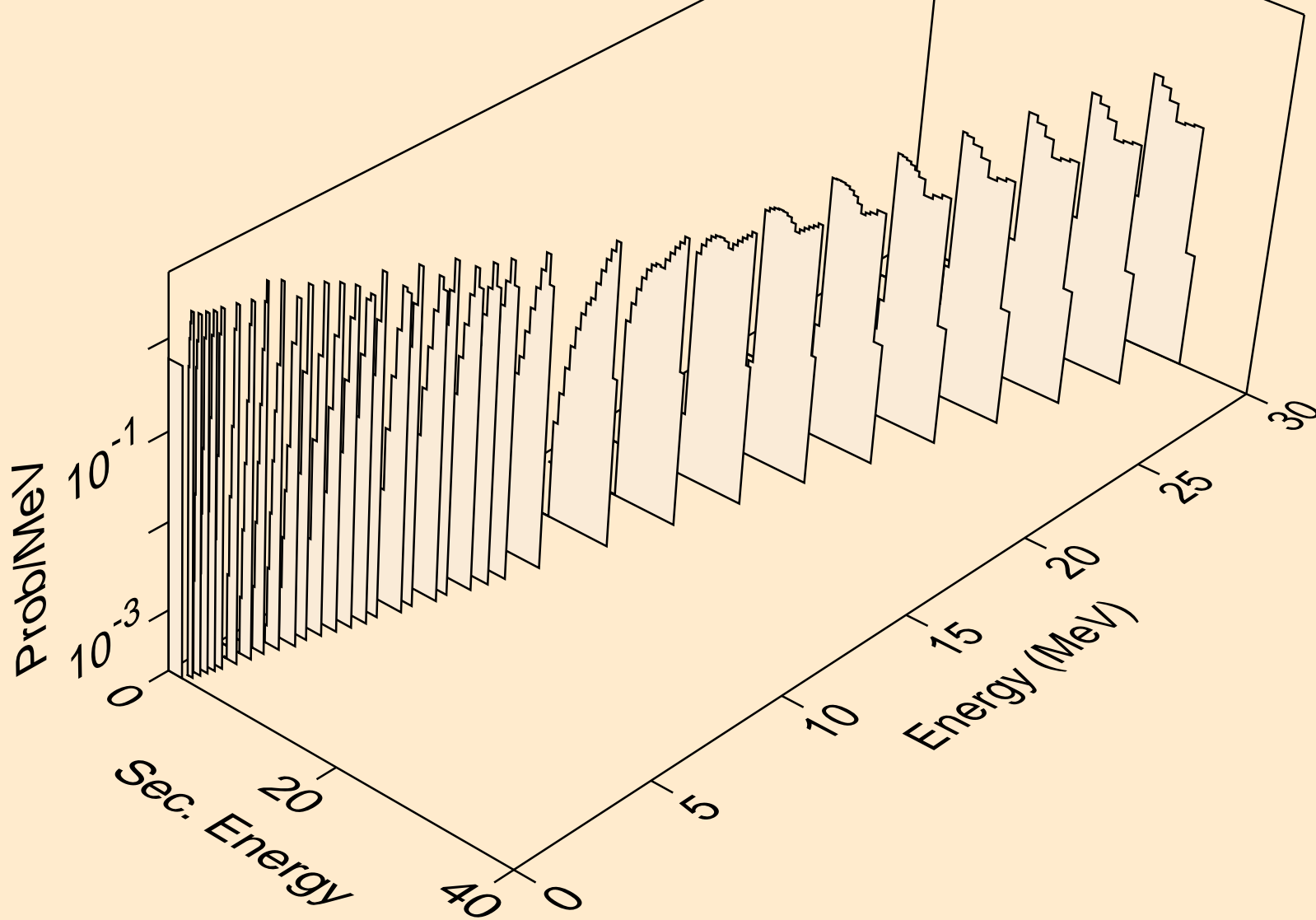
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2np)



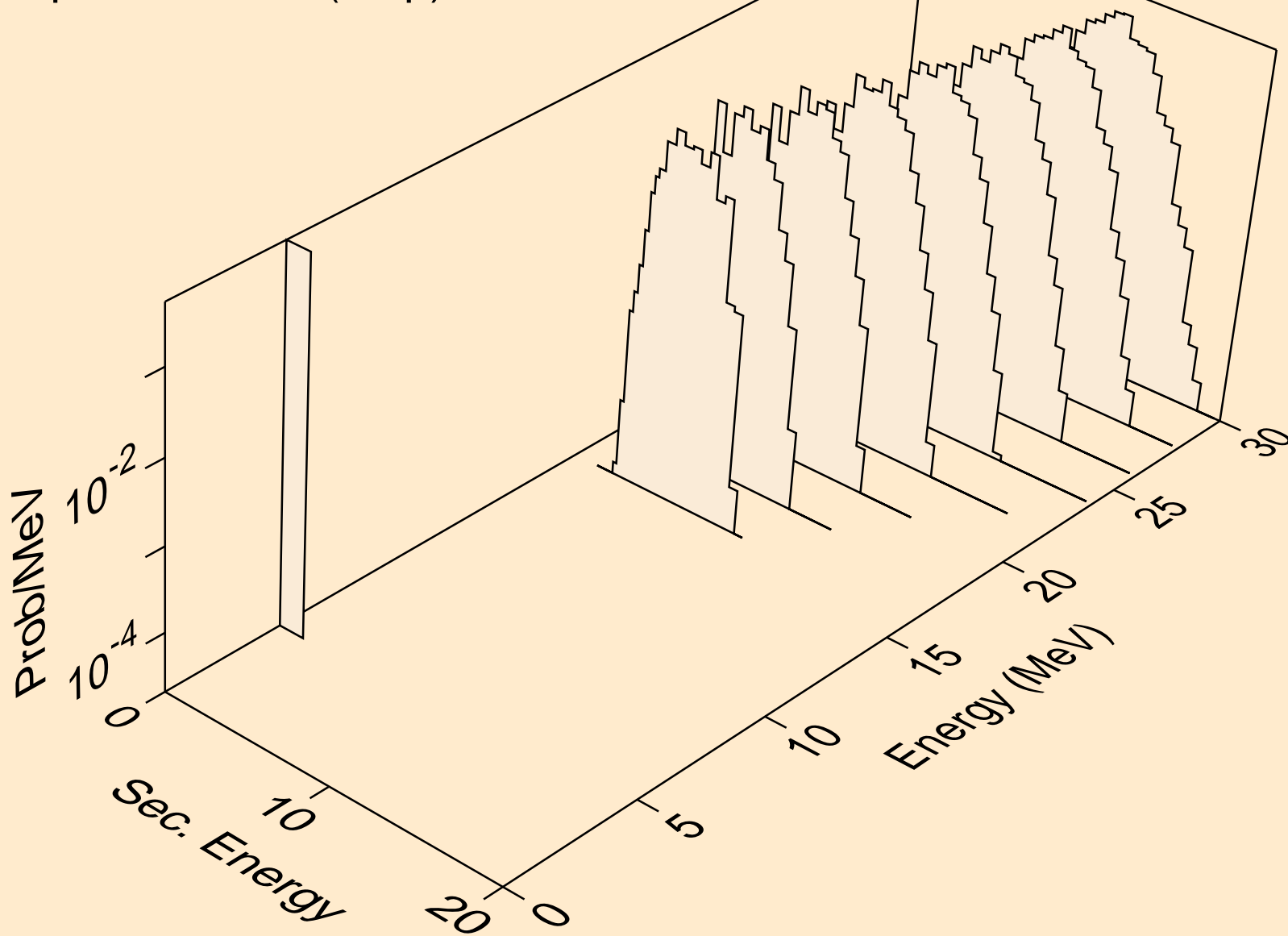
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,npa)



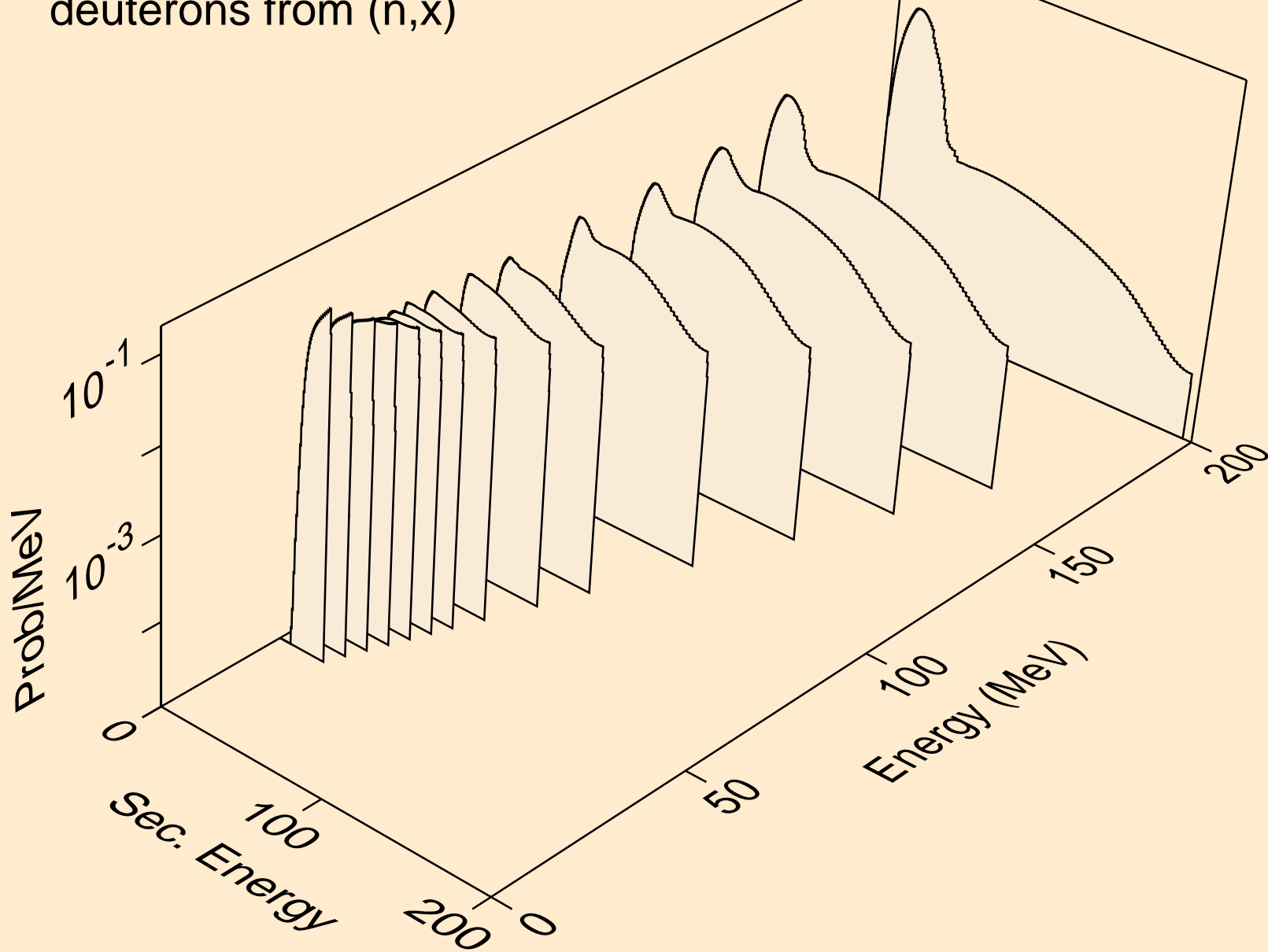
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protons from (n,p)



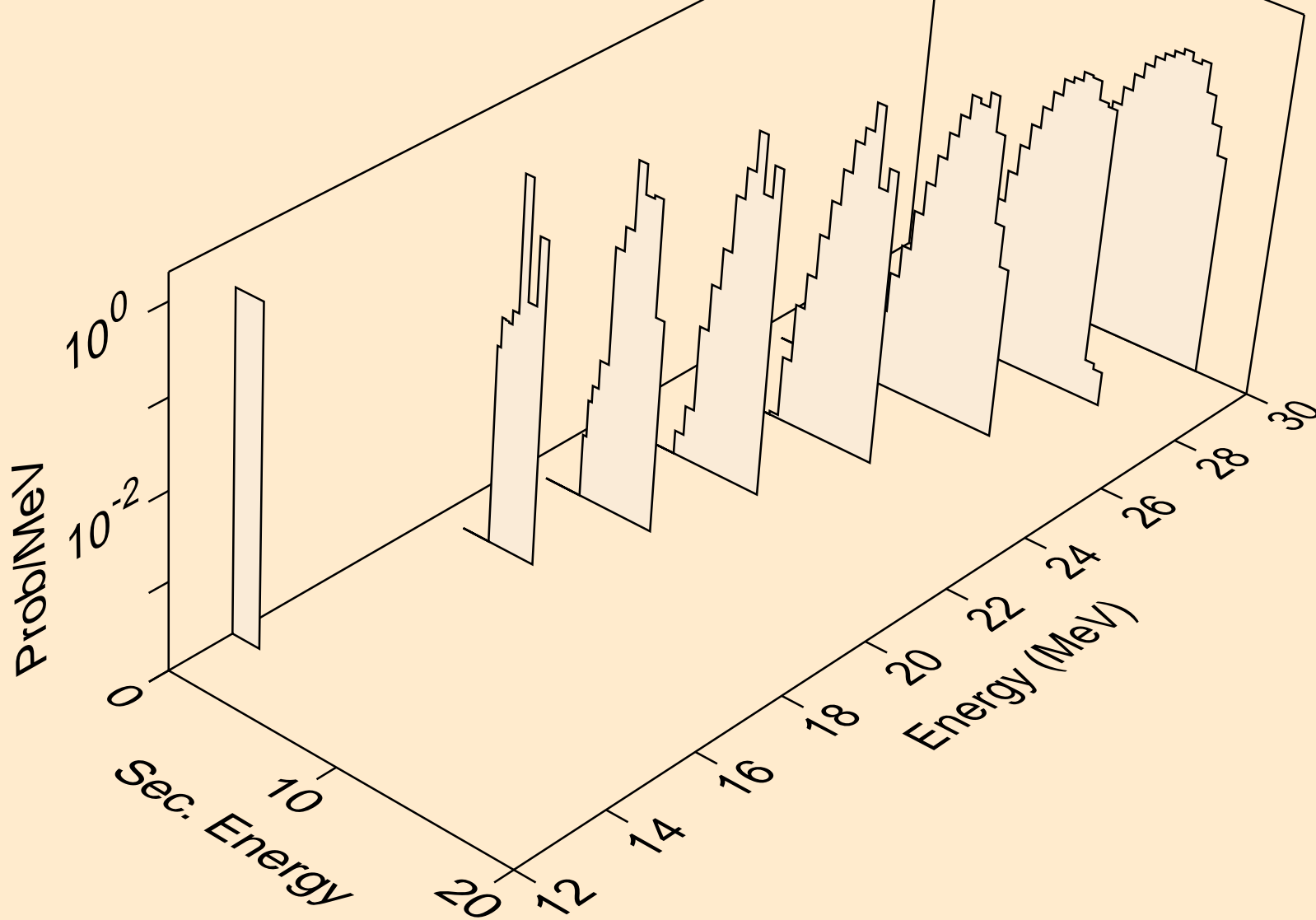
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
protons from (n,2p)



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,x)

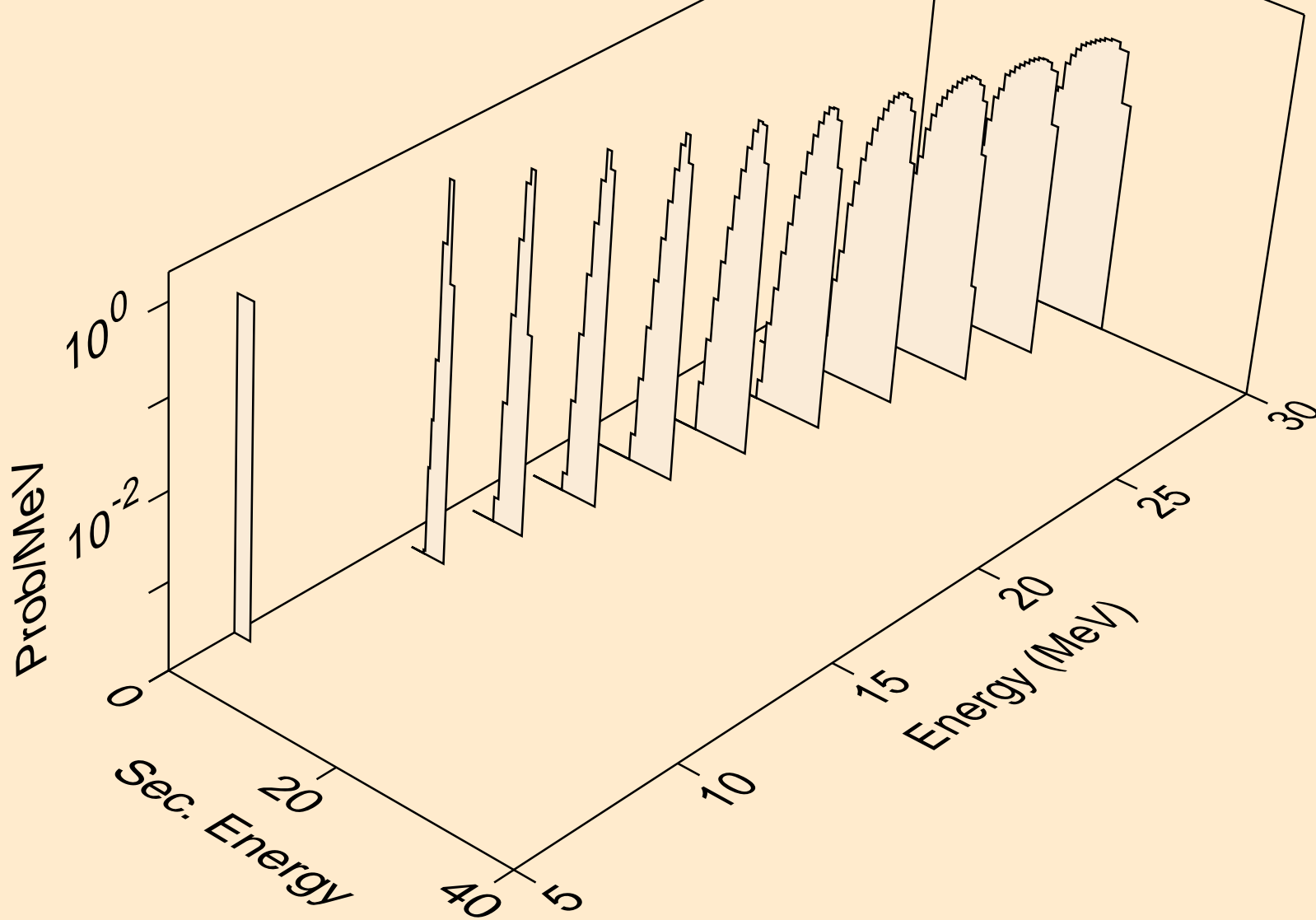


MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,2nd)

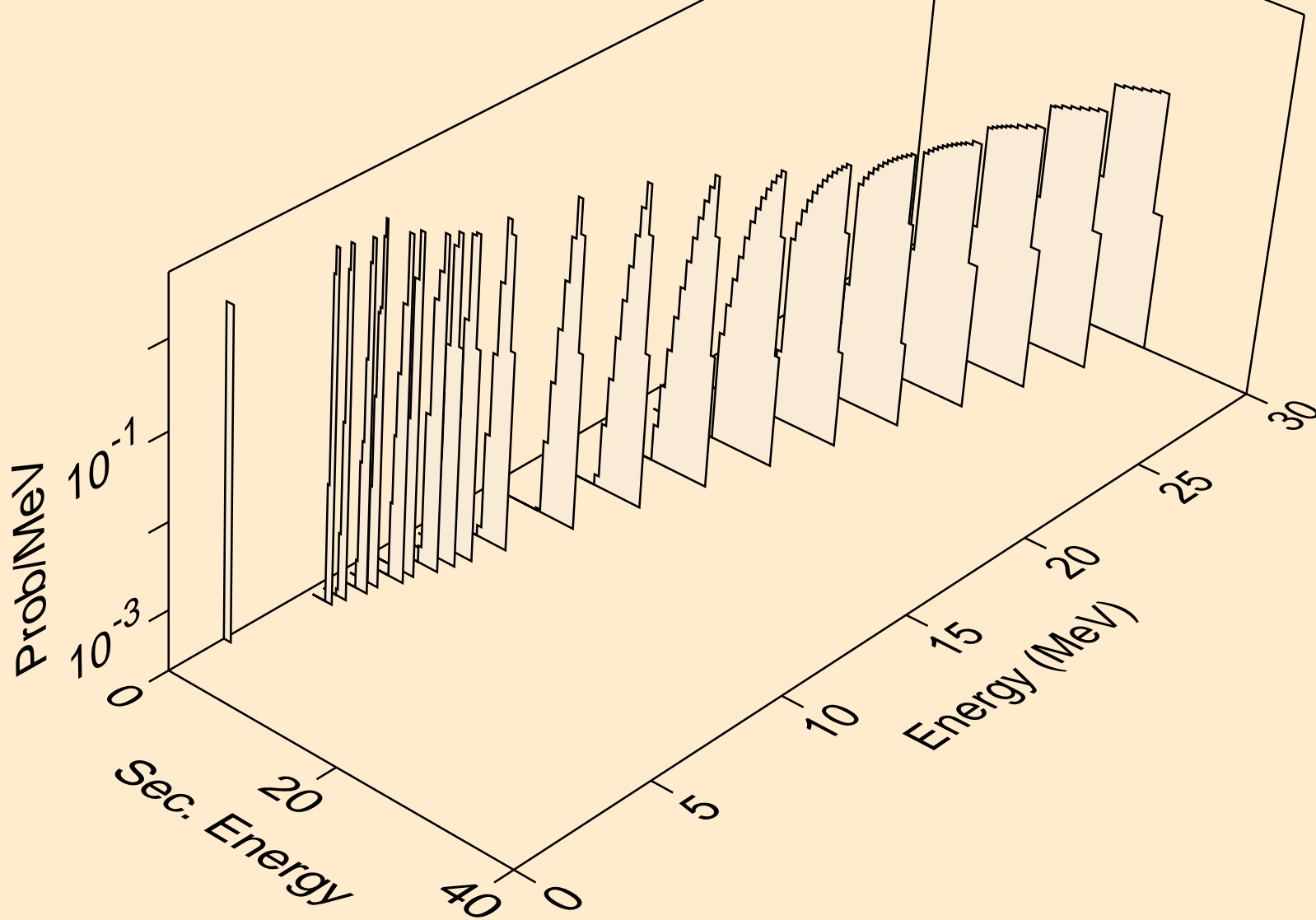




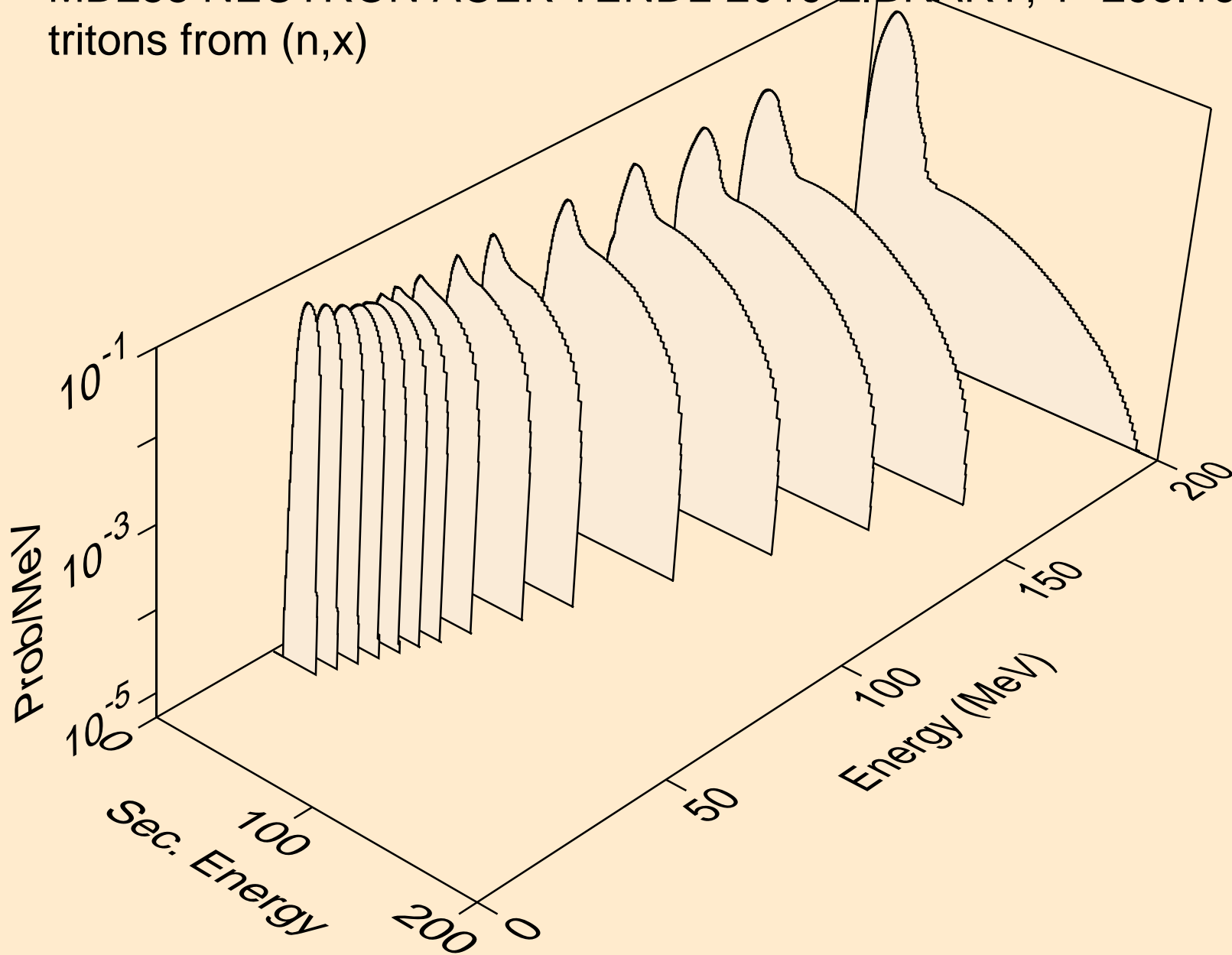
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,n\*)d



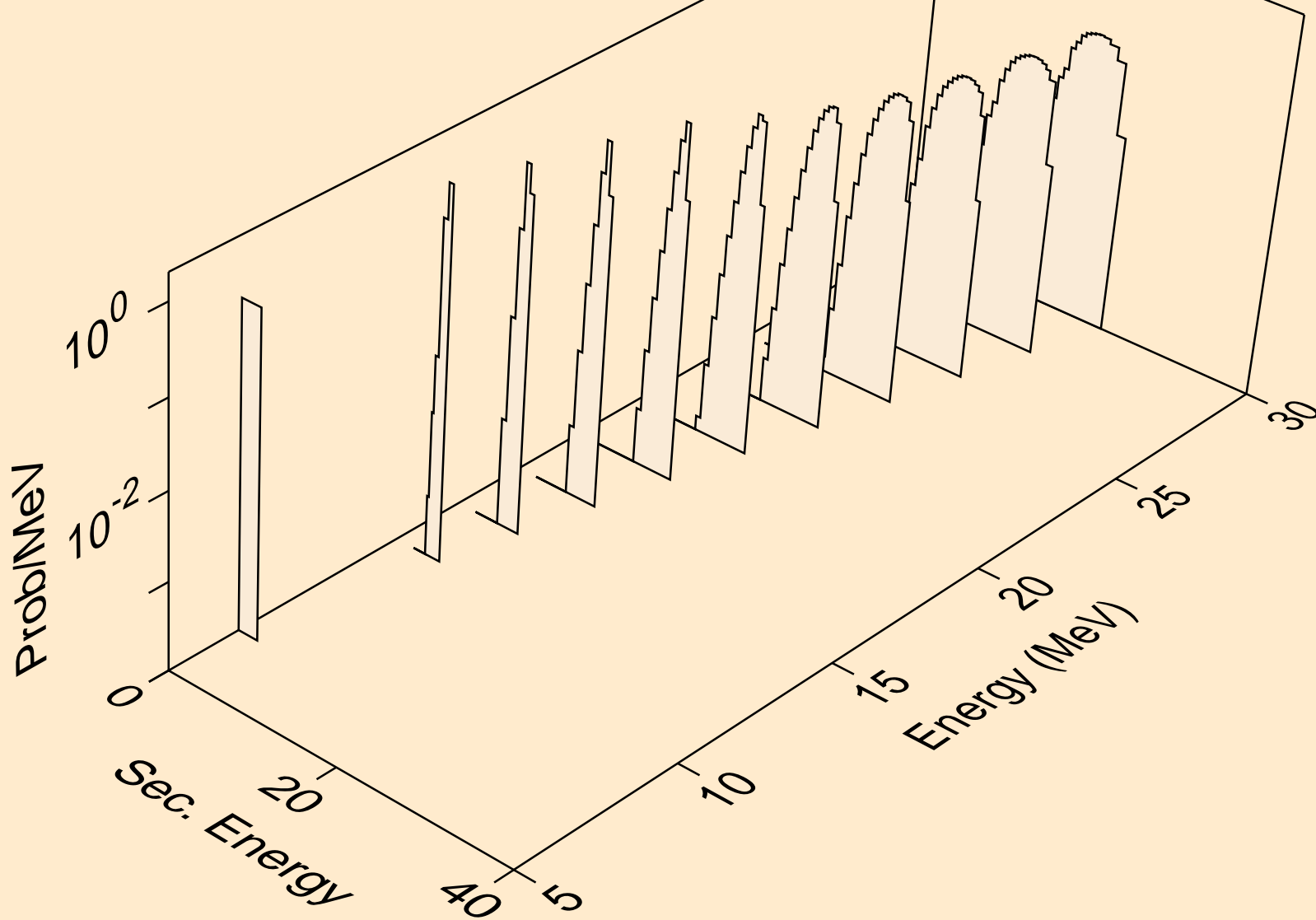
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
deuterons from (n,d)



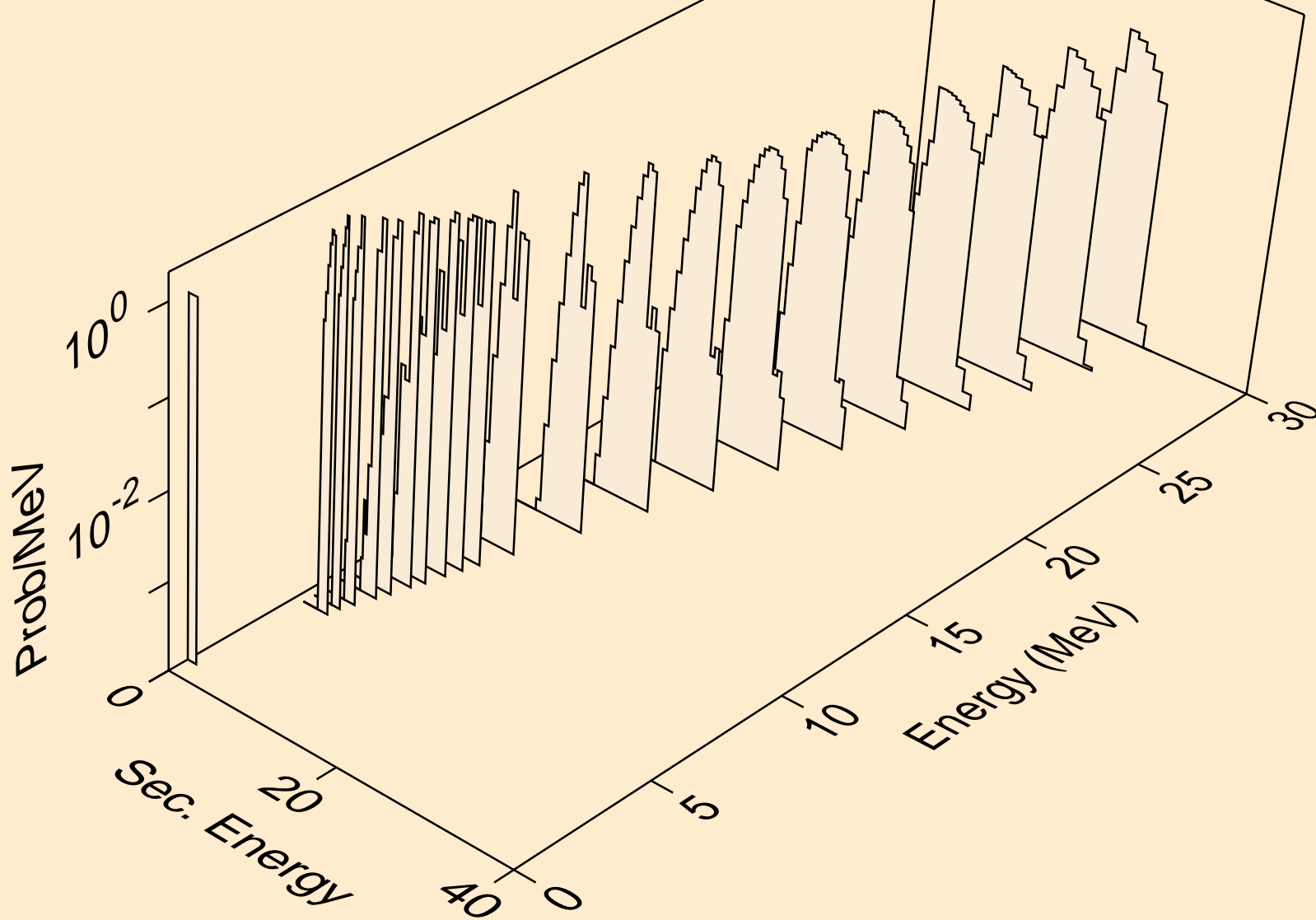
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,x)



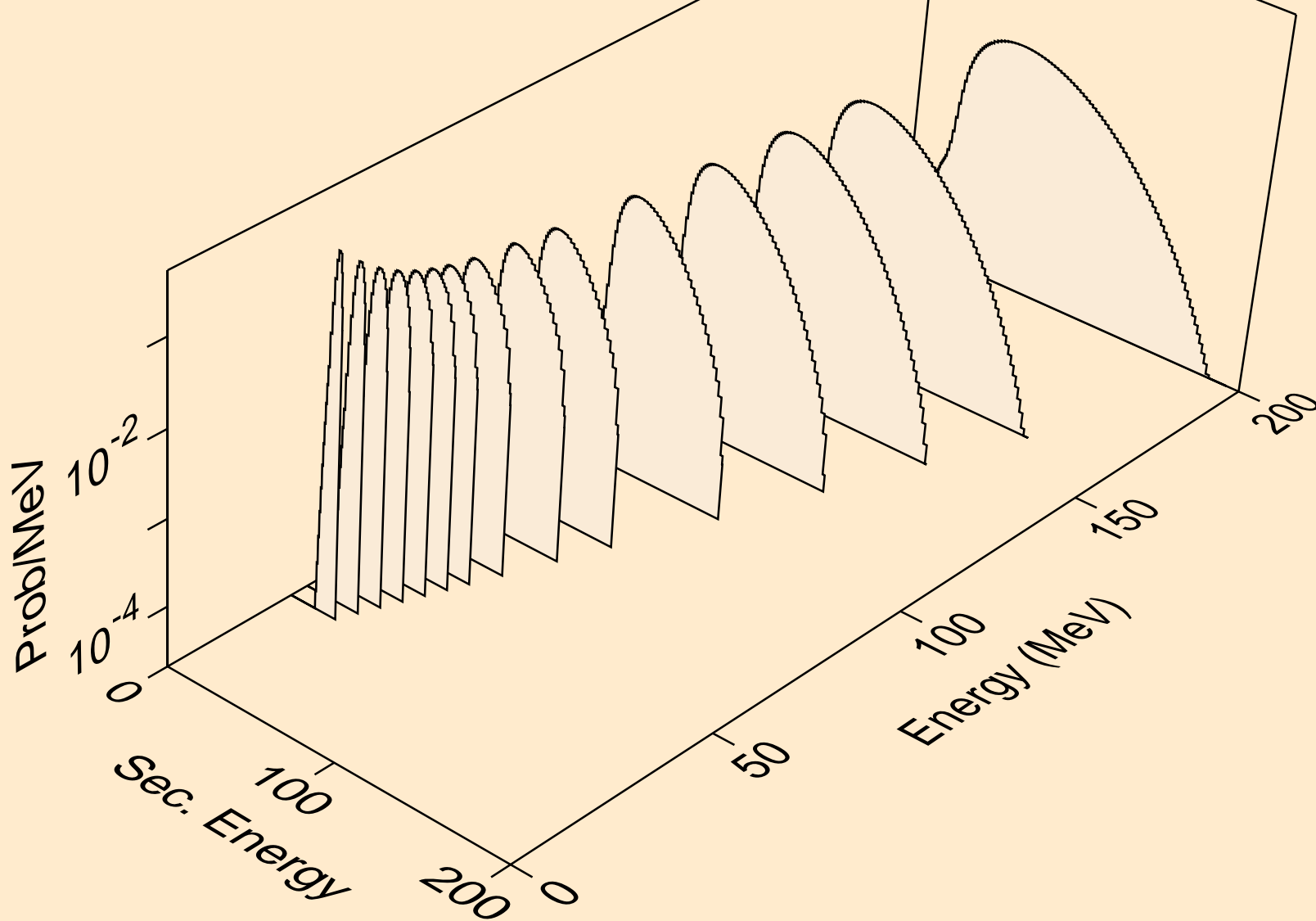
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
tritons from (n,n\*)t



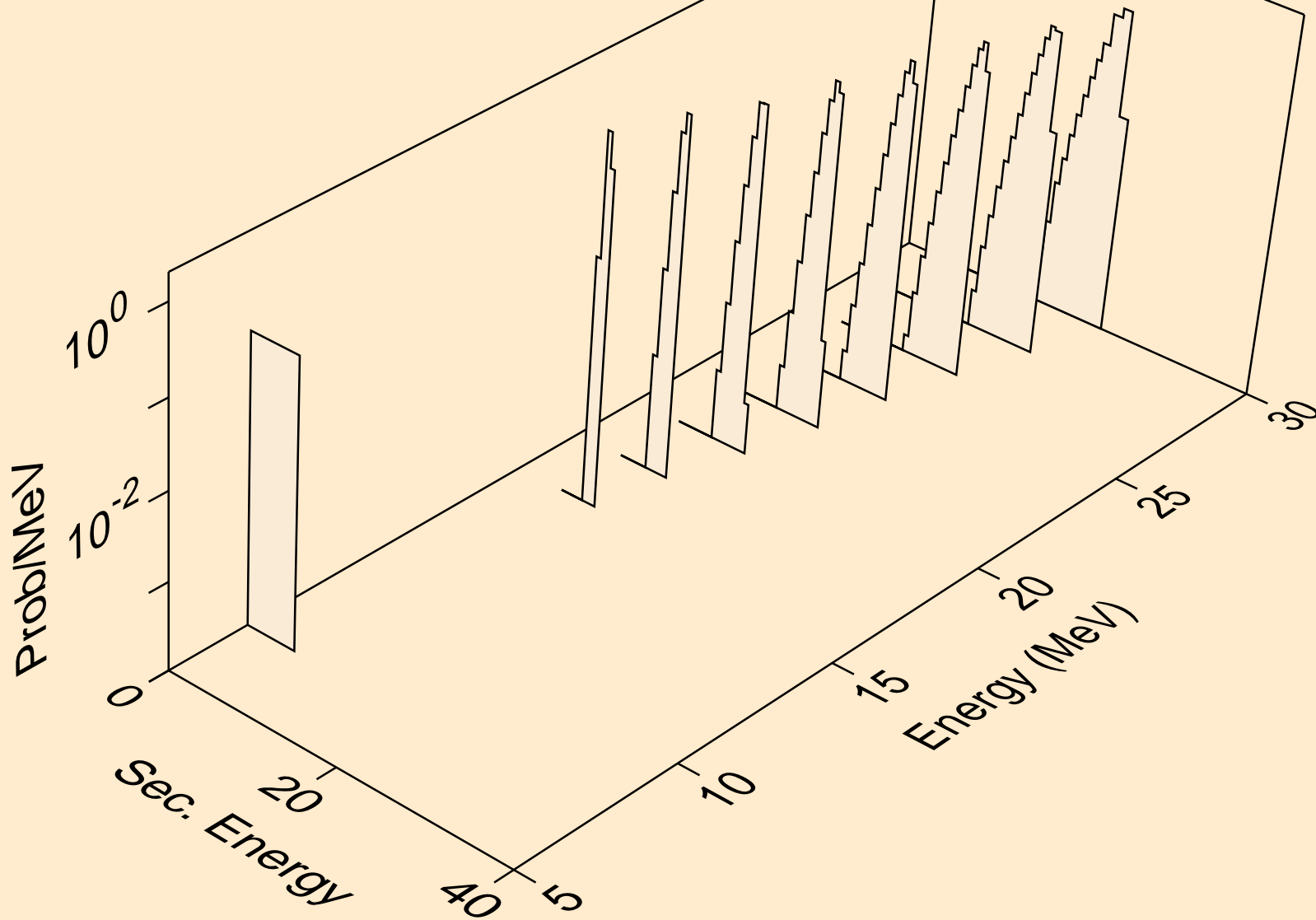
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tritons from (n,t)



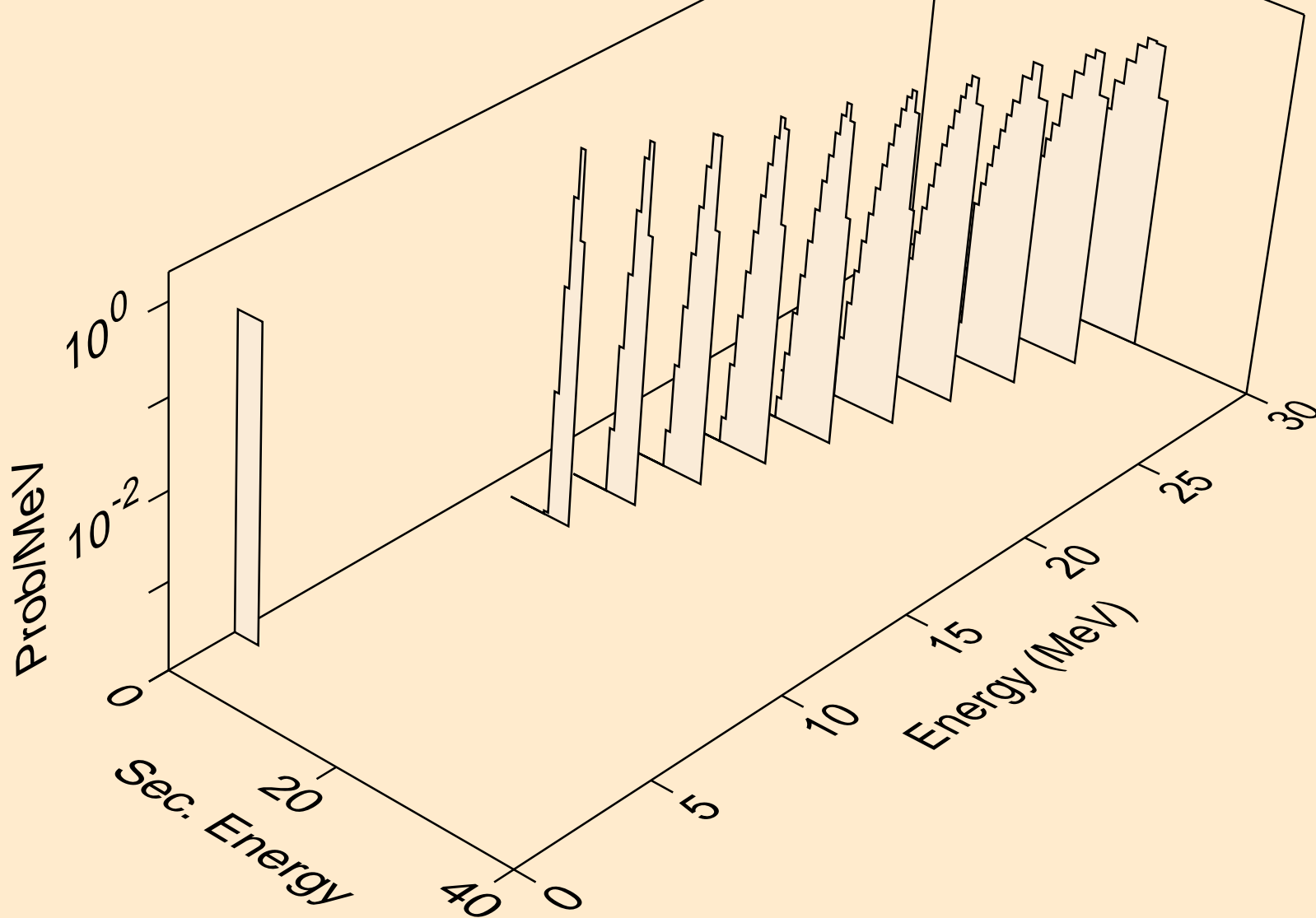
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,x)



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,n\*)he3

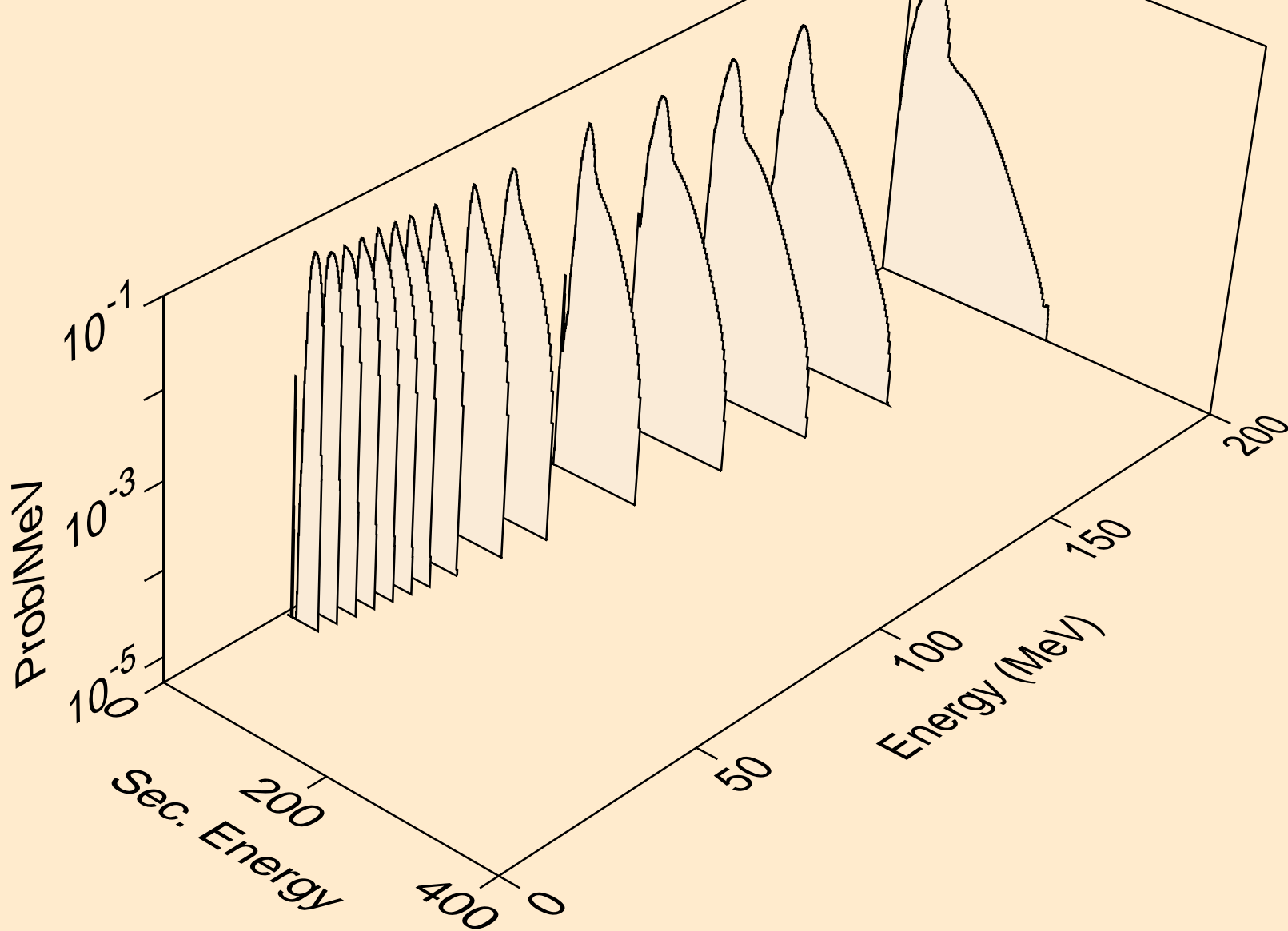


MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
he3s from (n,he3)

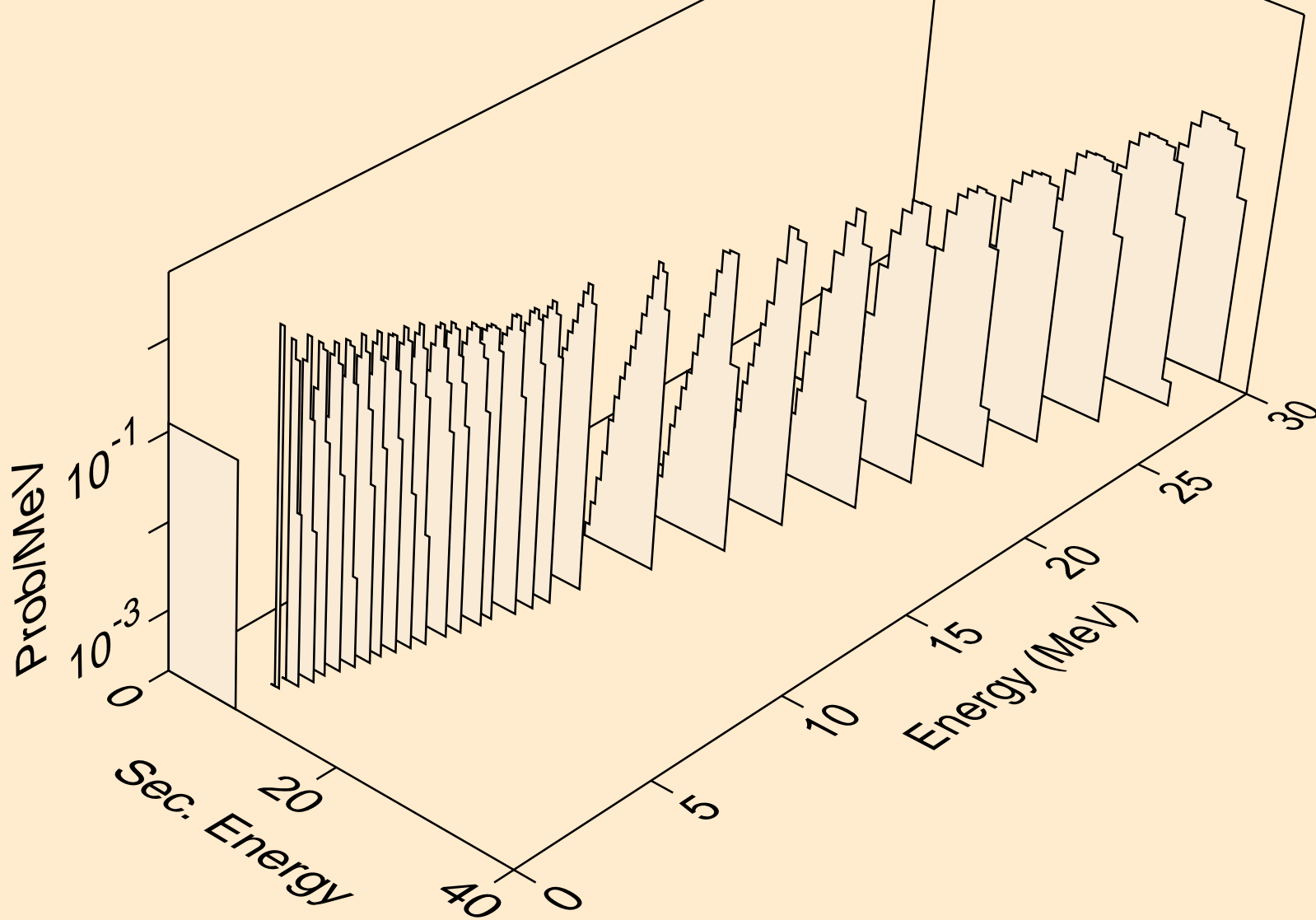




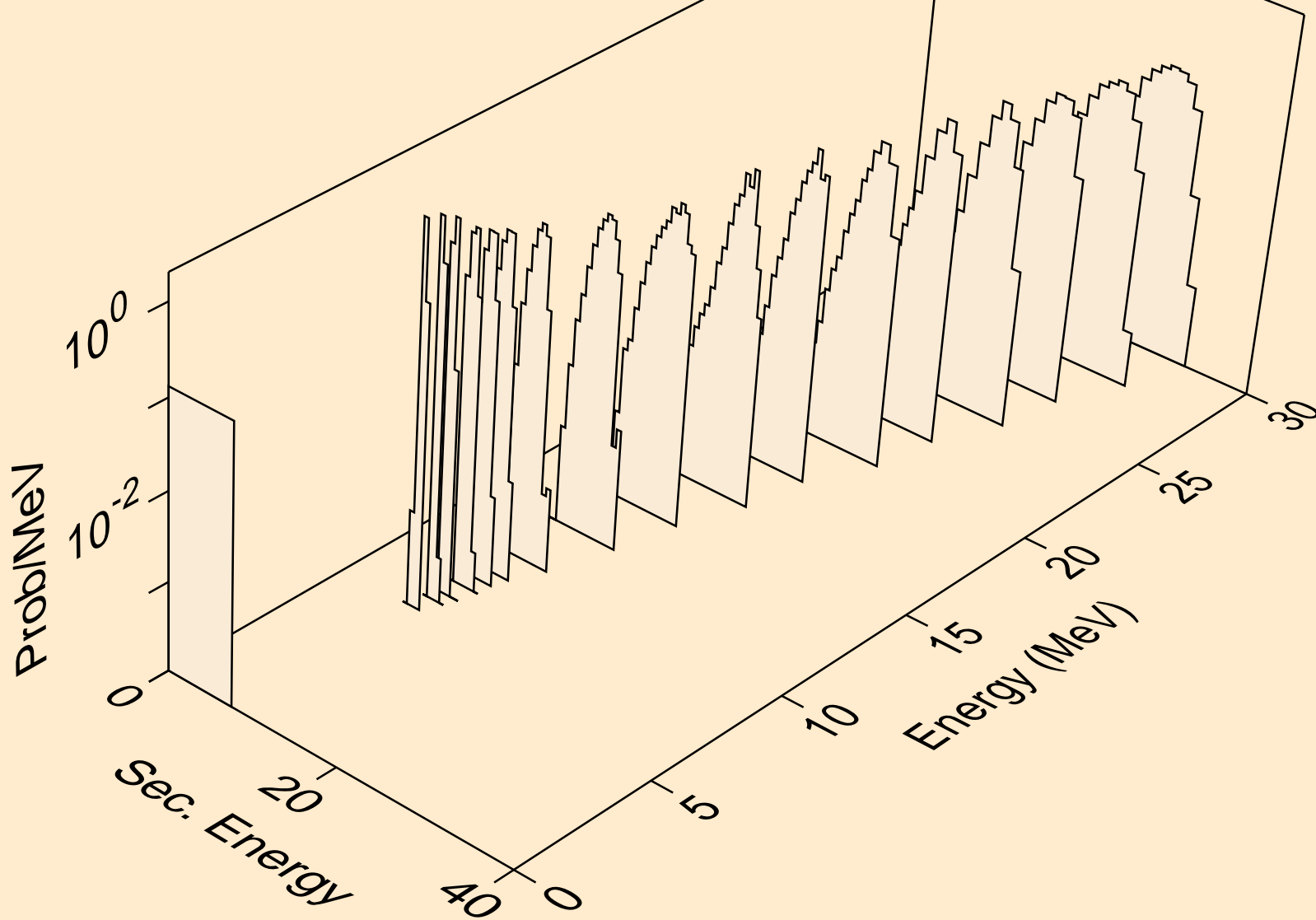
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,x)



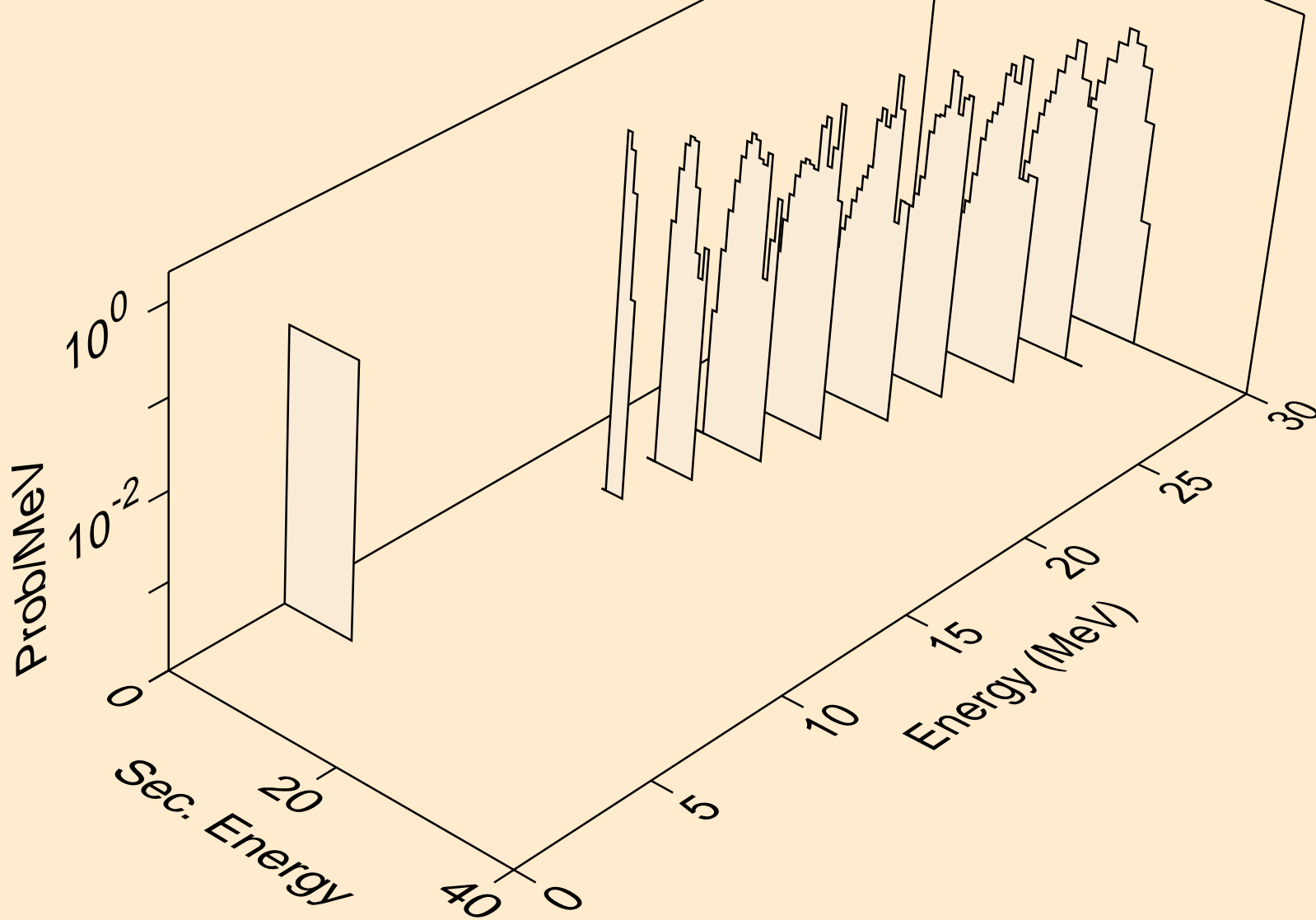
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)a



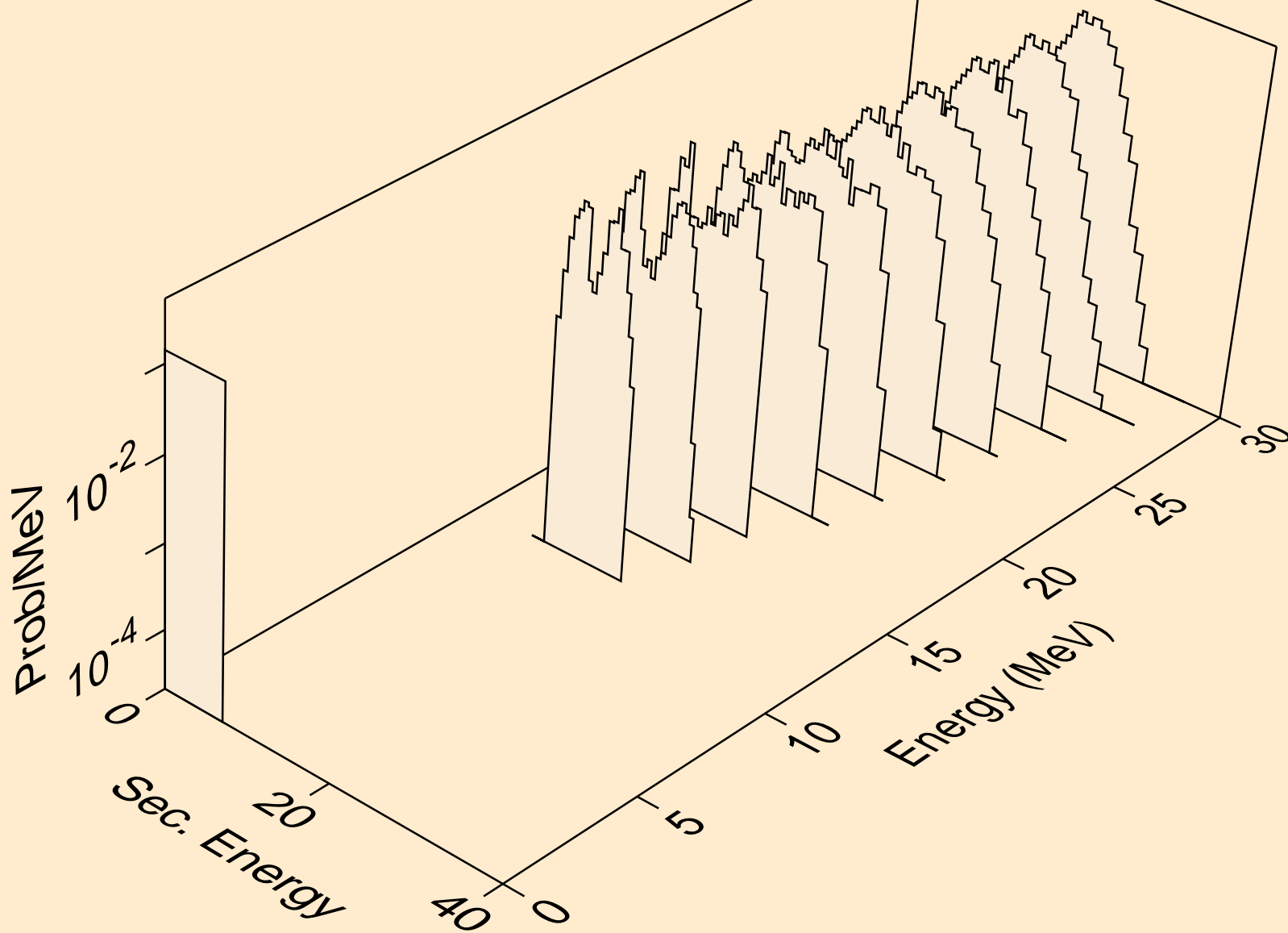
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alphas from (n,2n)a



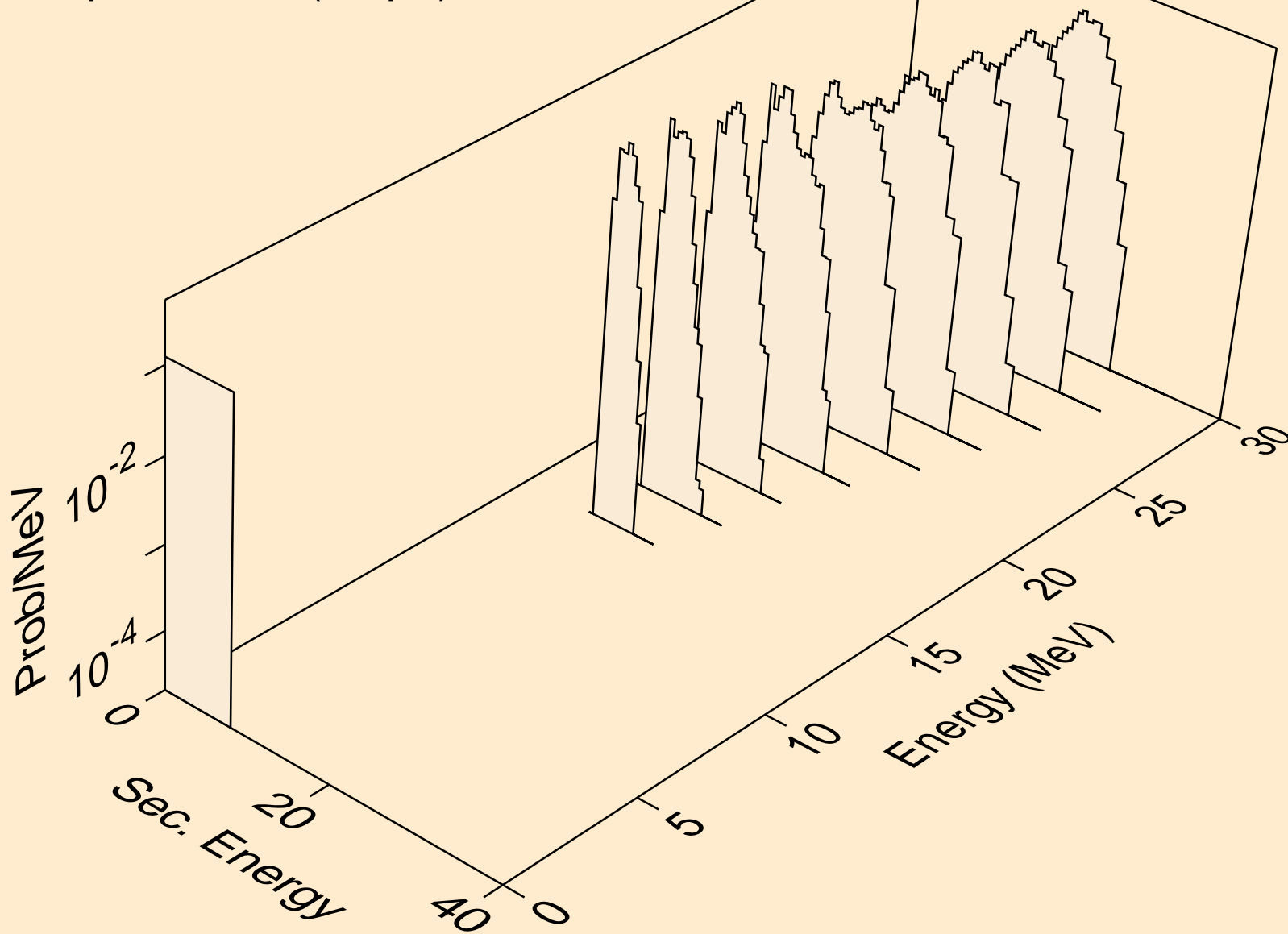
MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,3n)a



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,n\*)2a



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,npa)



MD258 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K  
alphas from (n,a)

