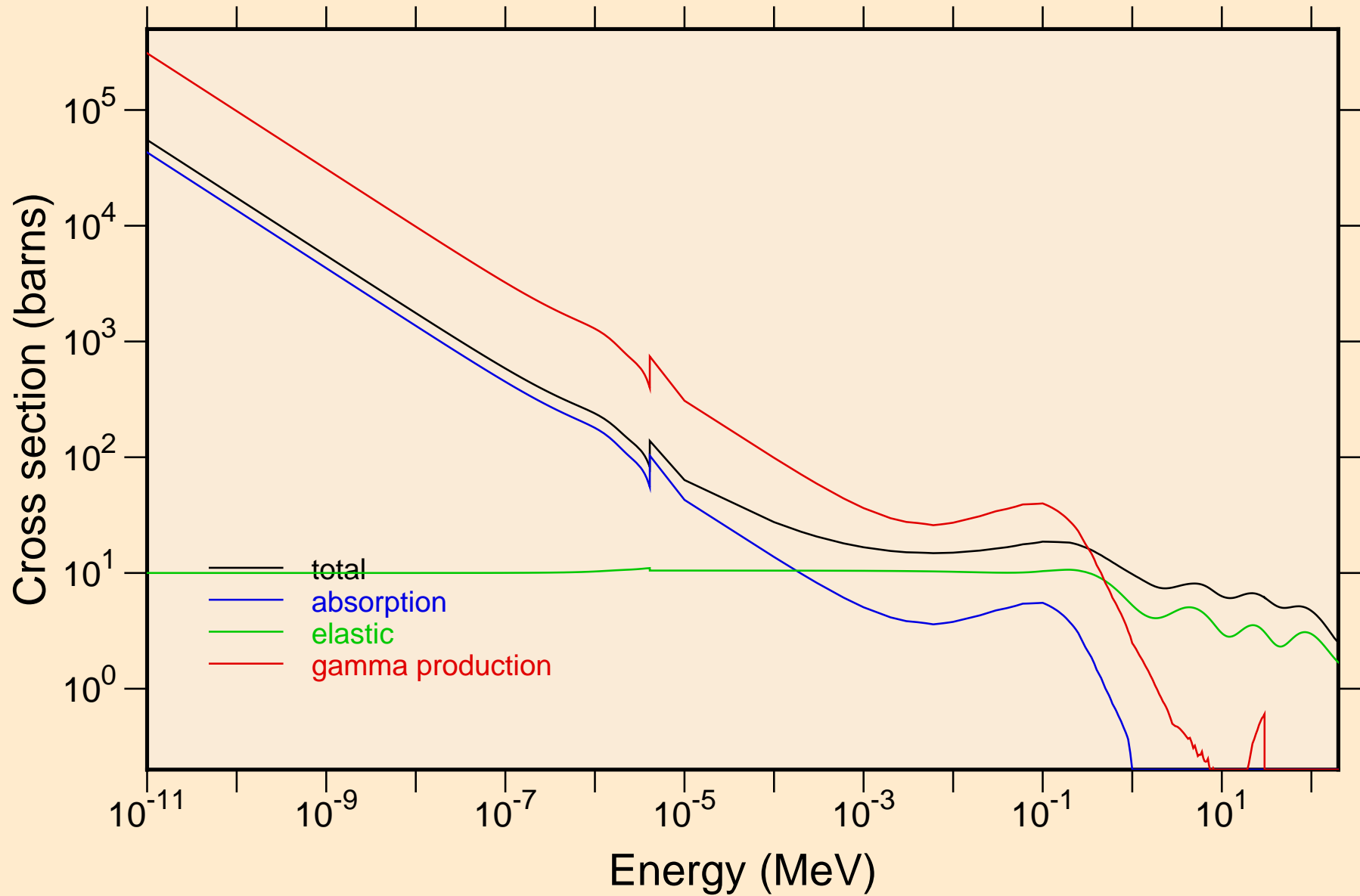


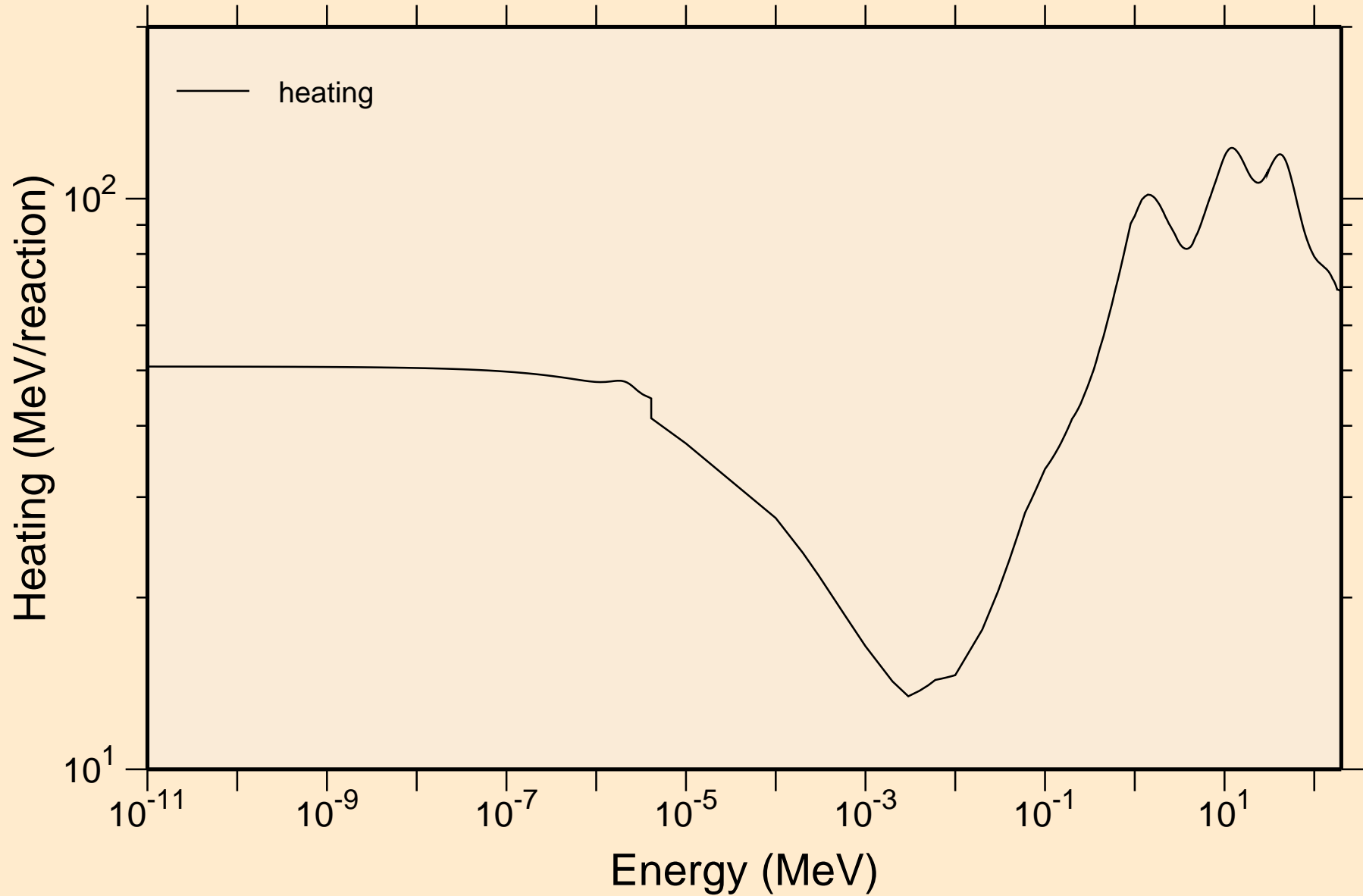
# MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

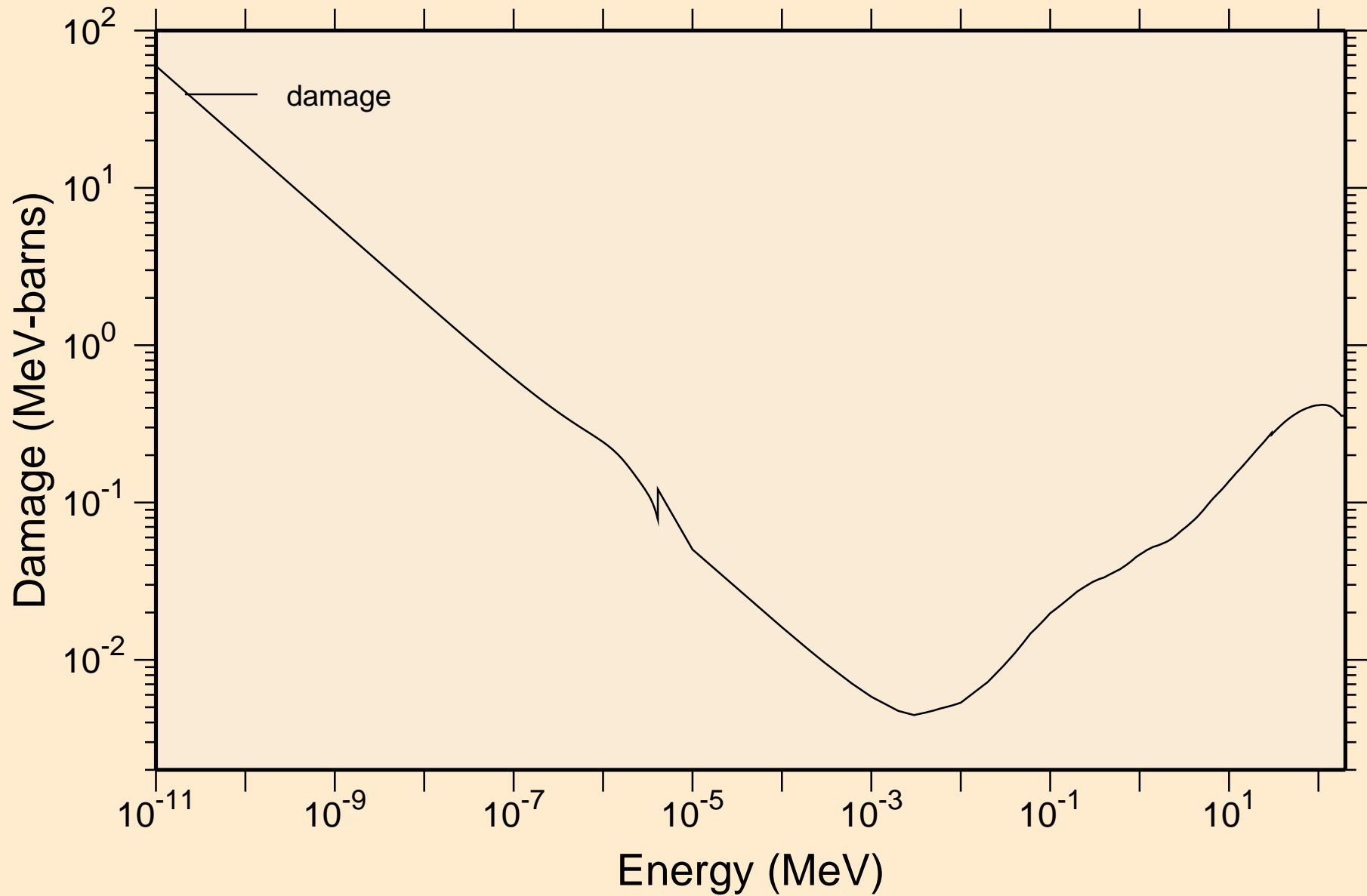


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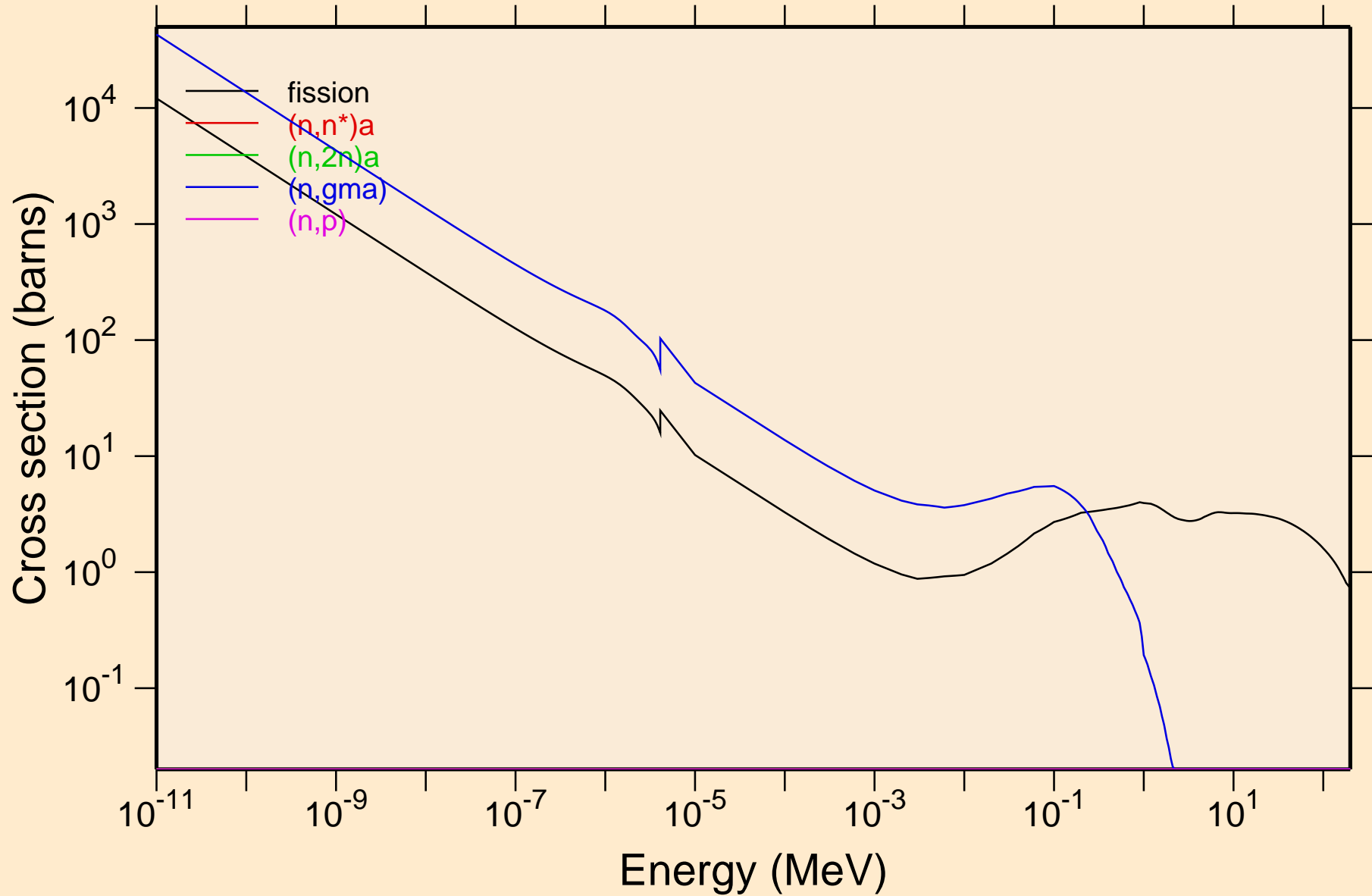
## Heating



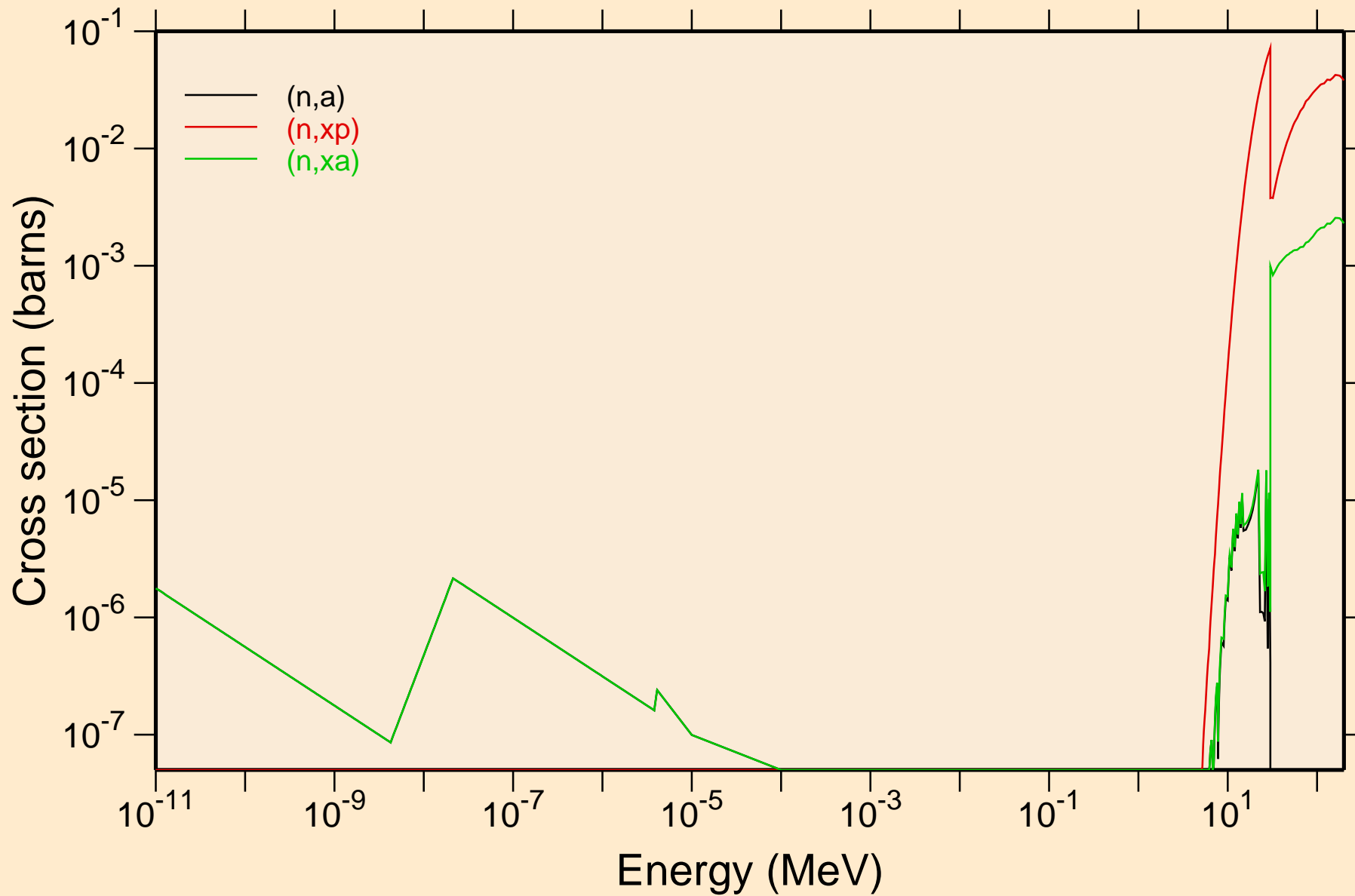
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

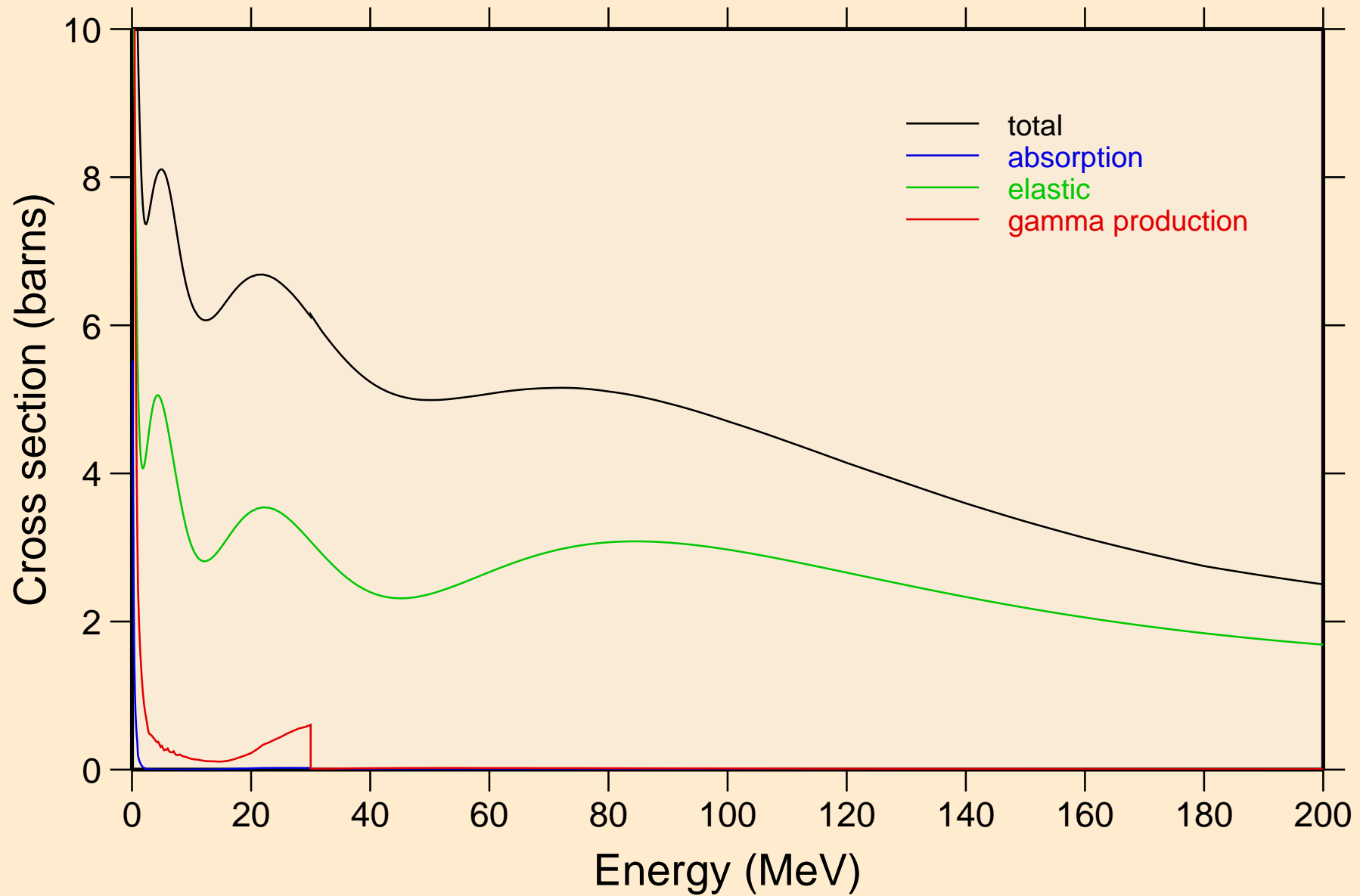


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Non-threshold reactions

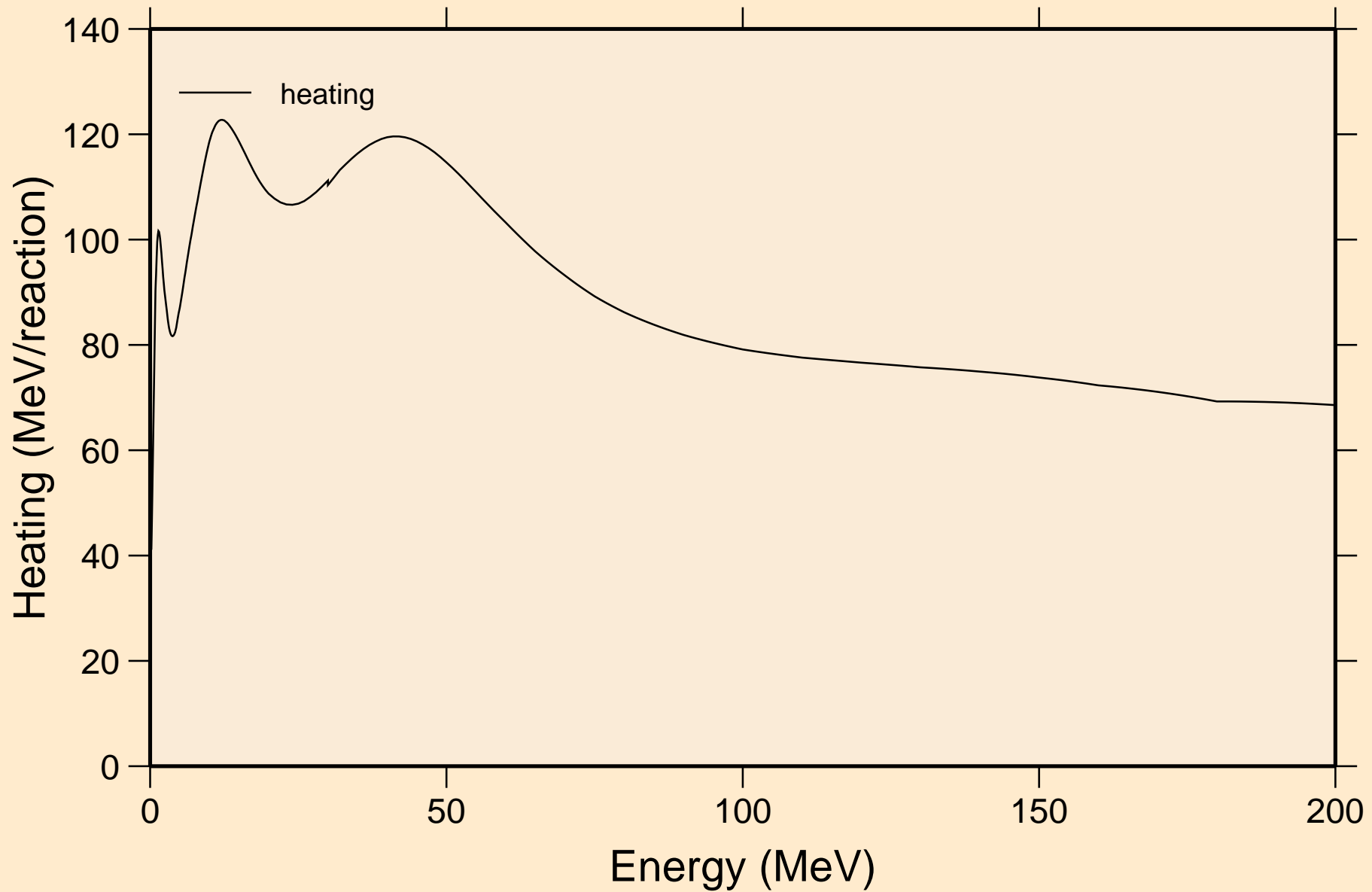


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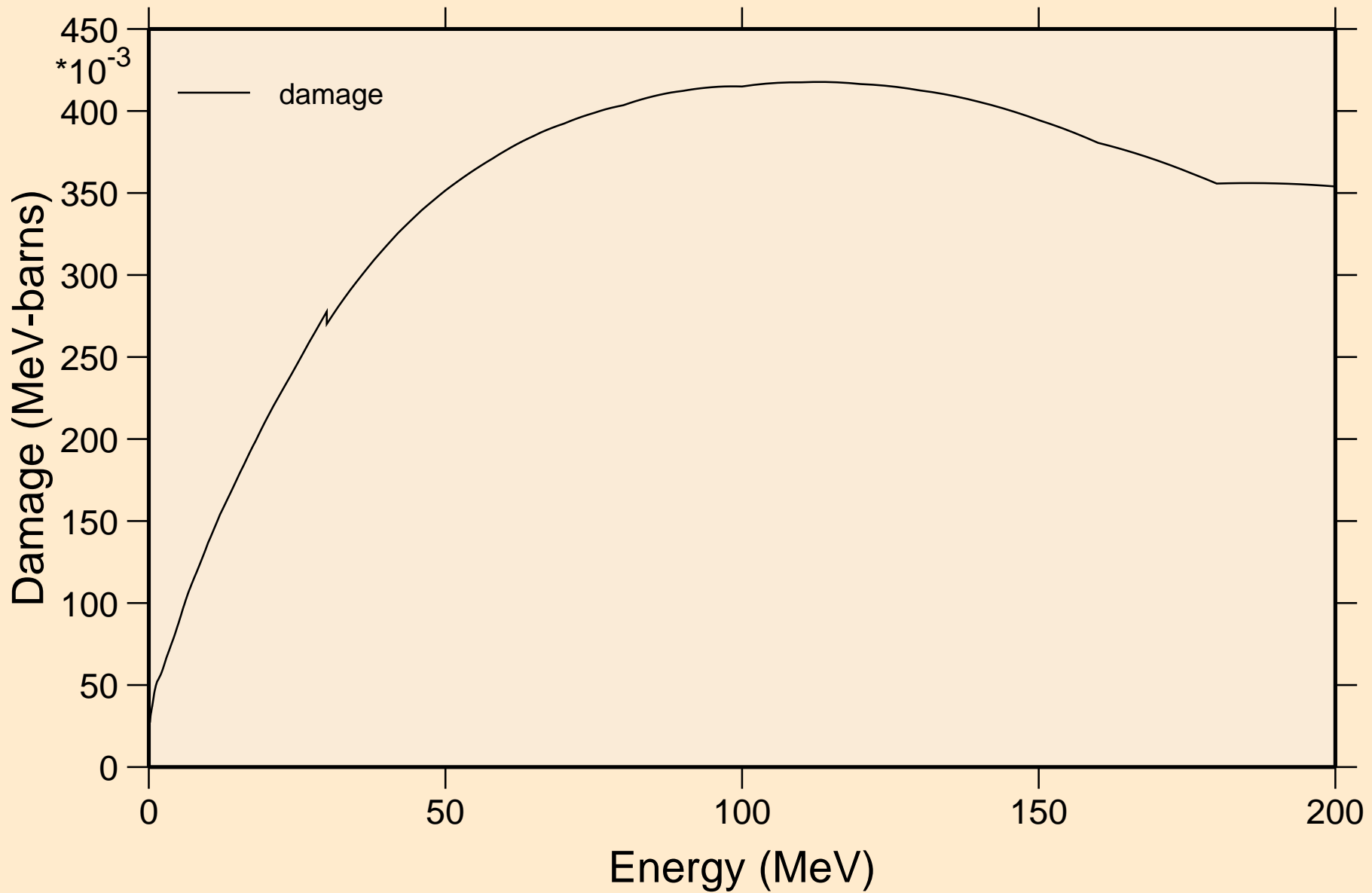
## Principal cross sections



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



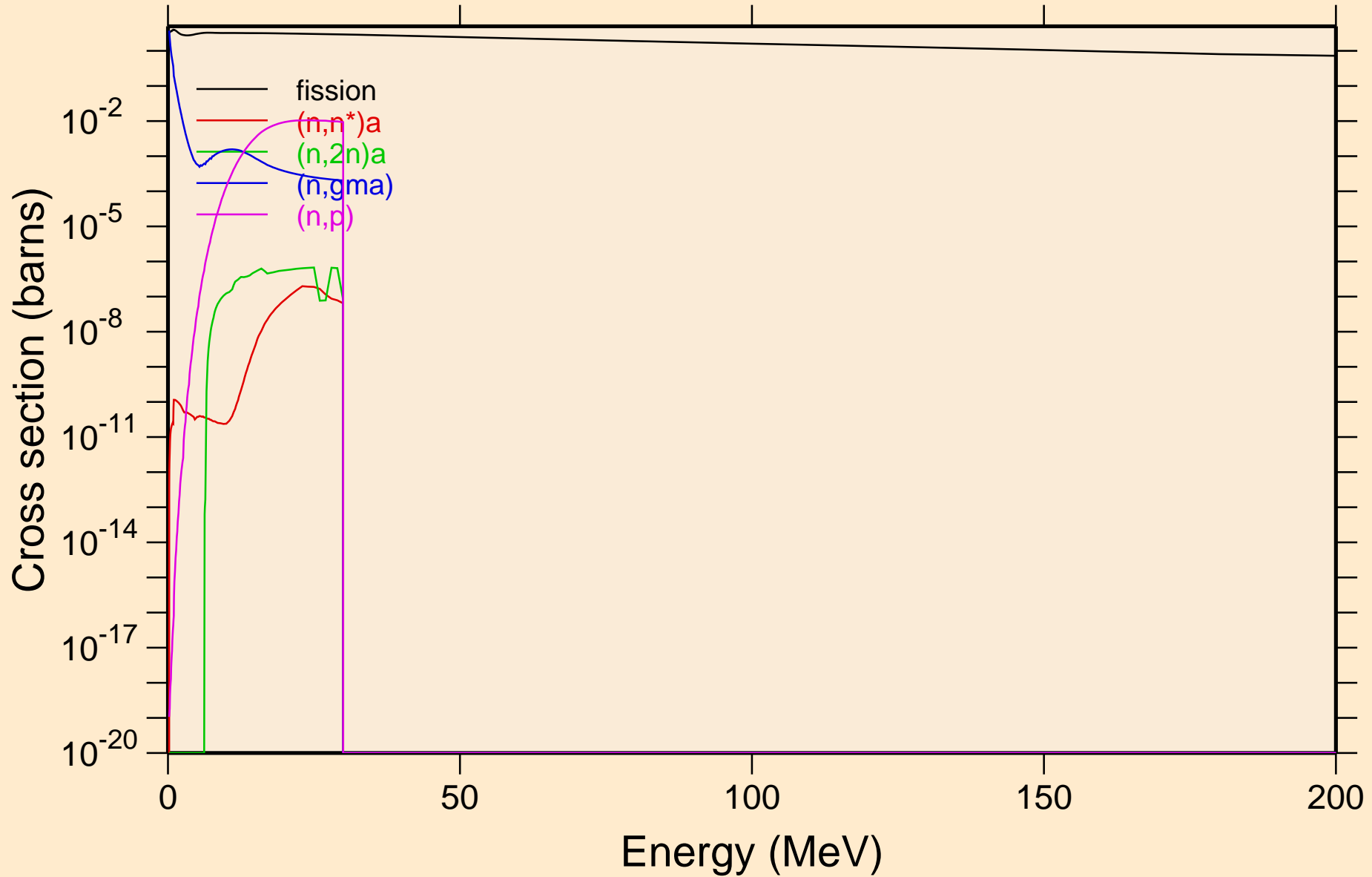
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Damage



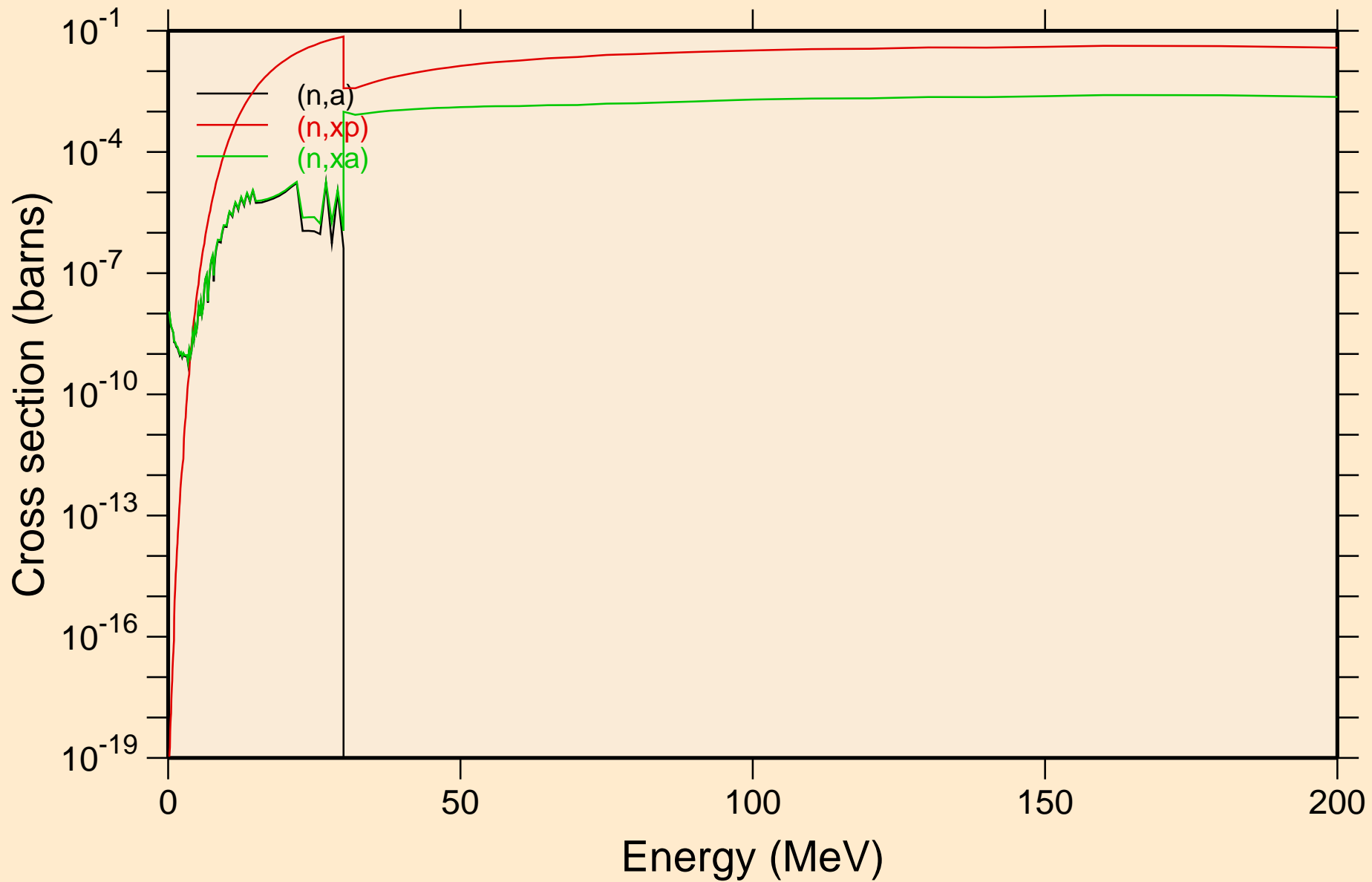


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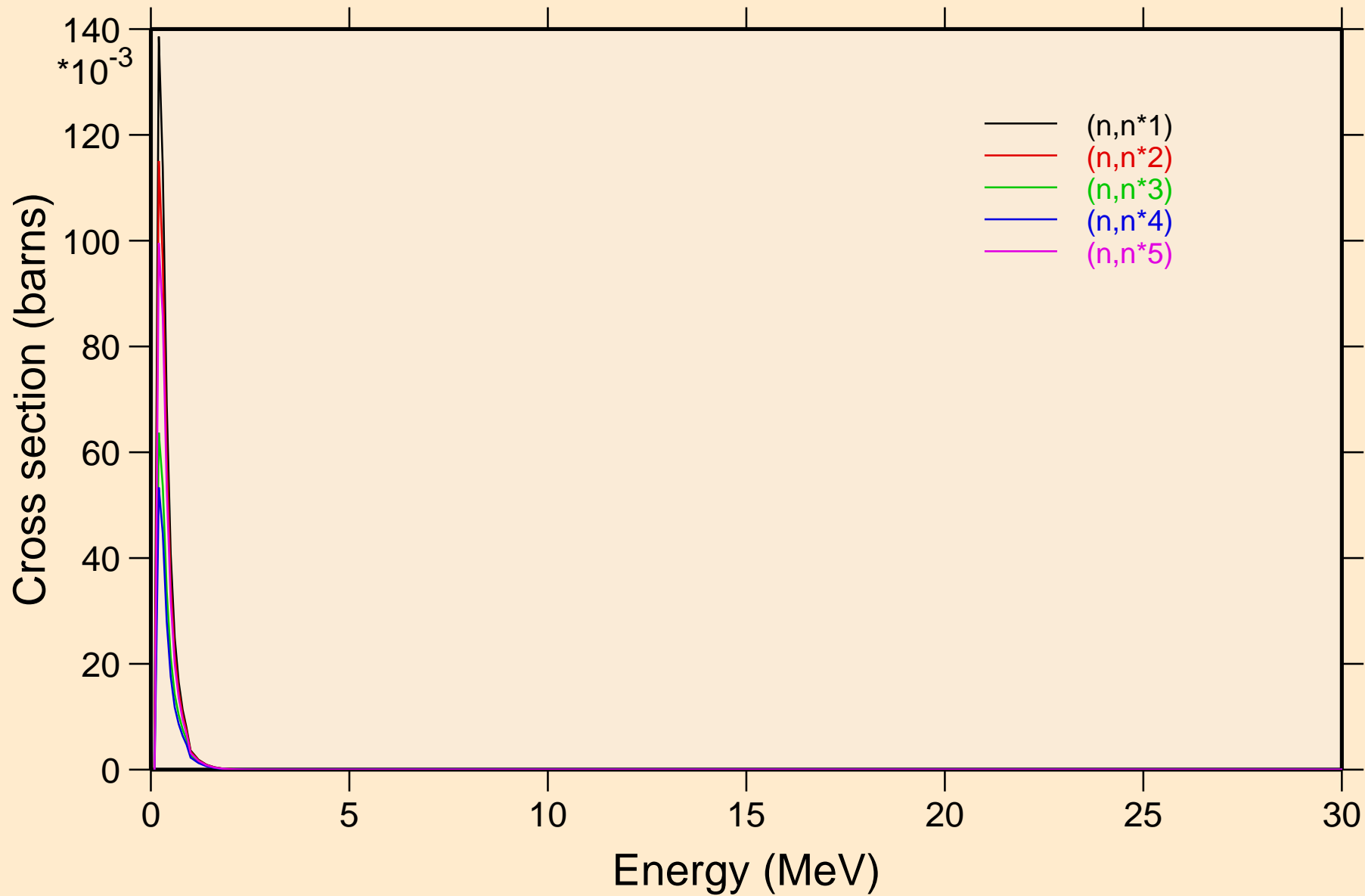
## Non-threshold reactions



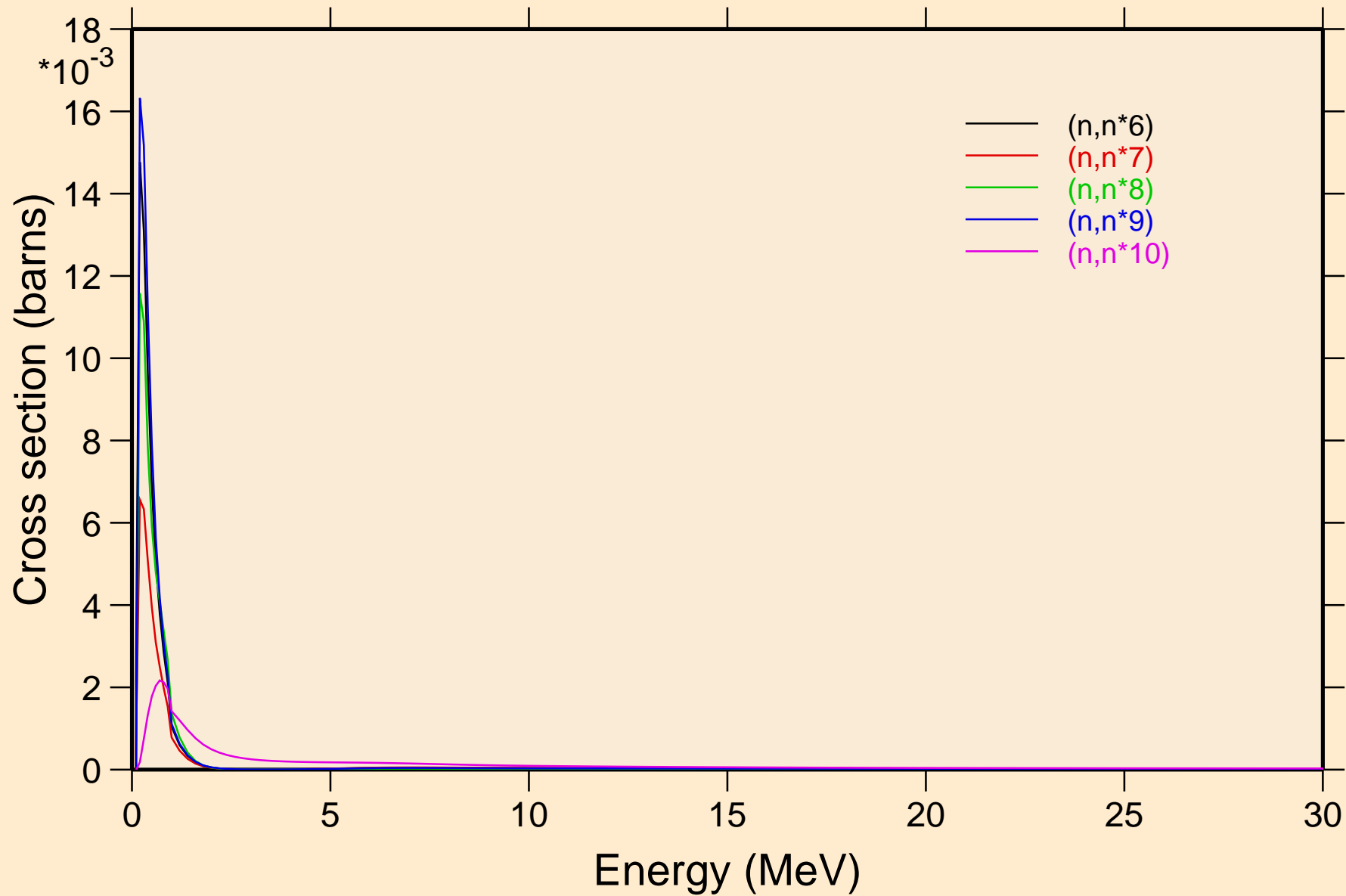
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Non-threshold reactions



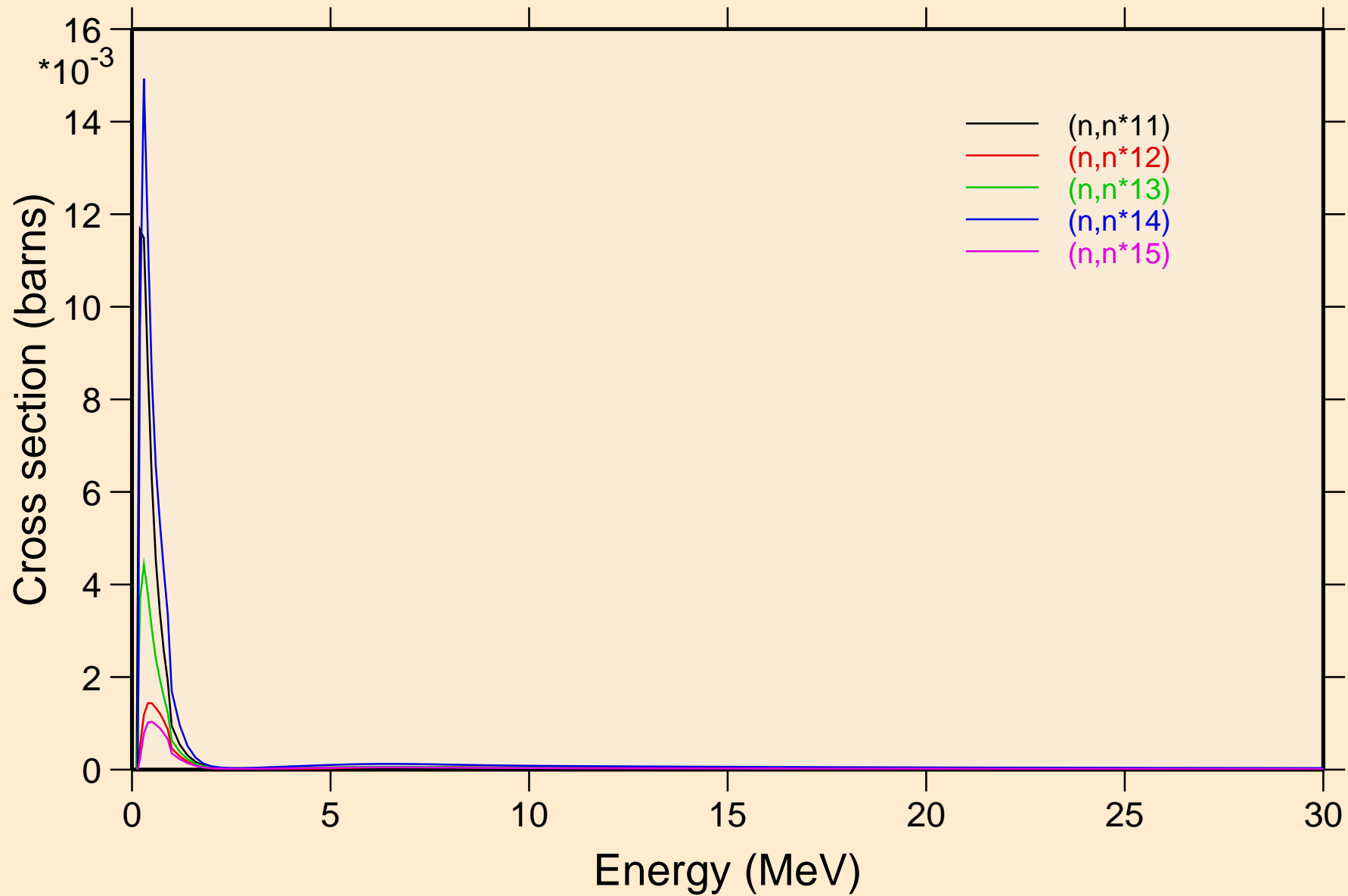
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Inelastic levels



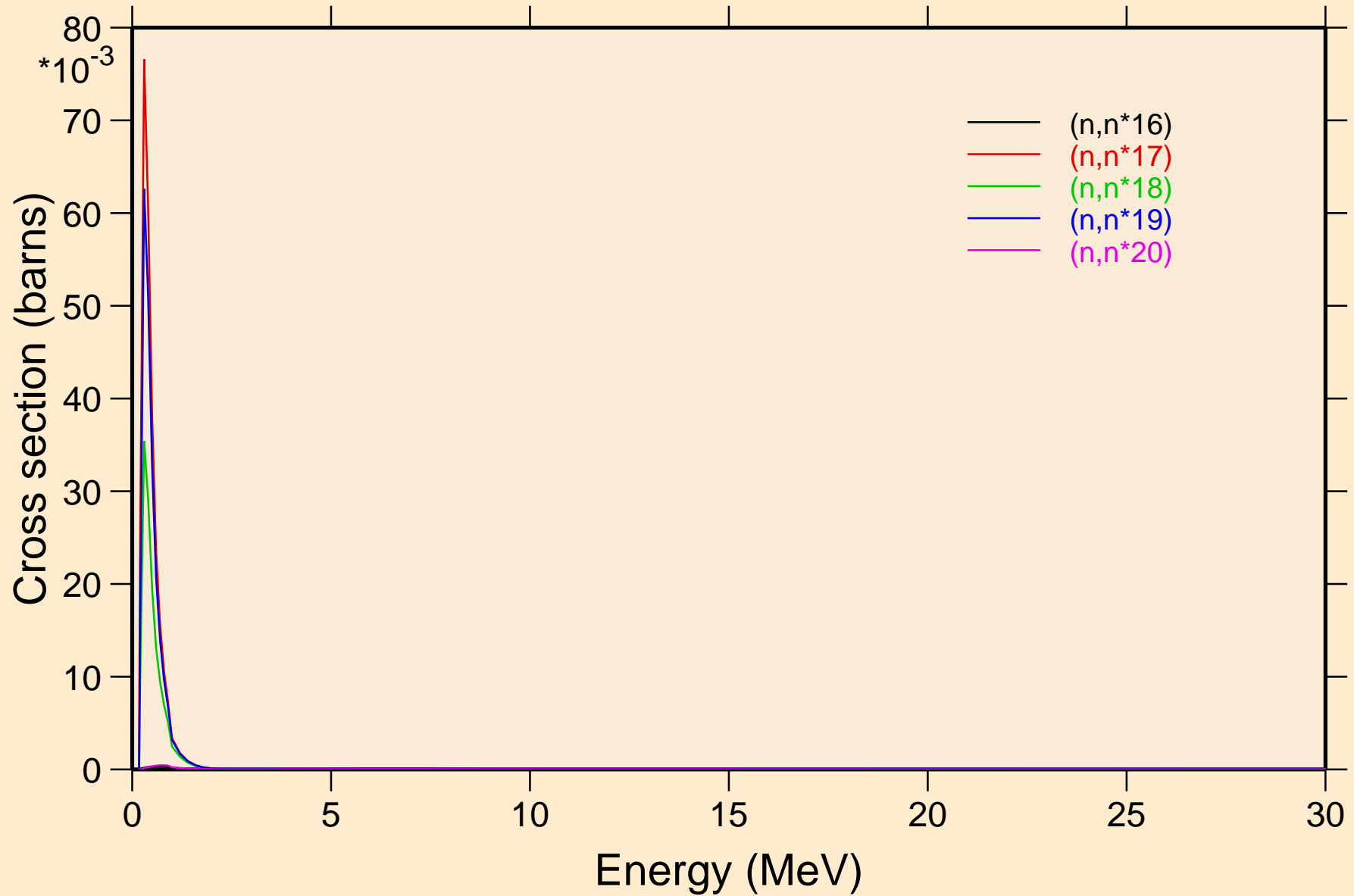
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Inelastic levels



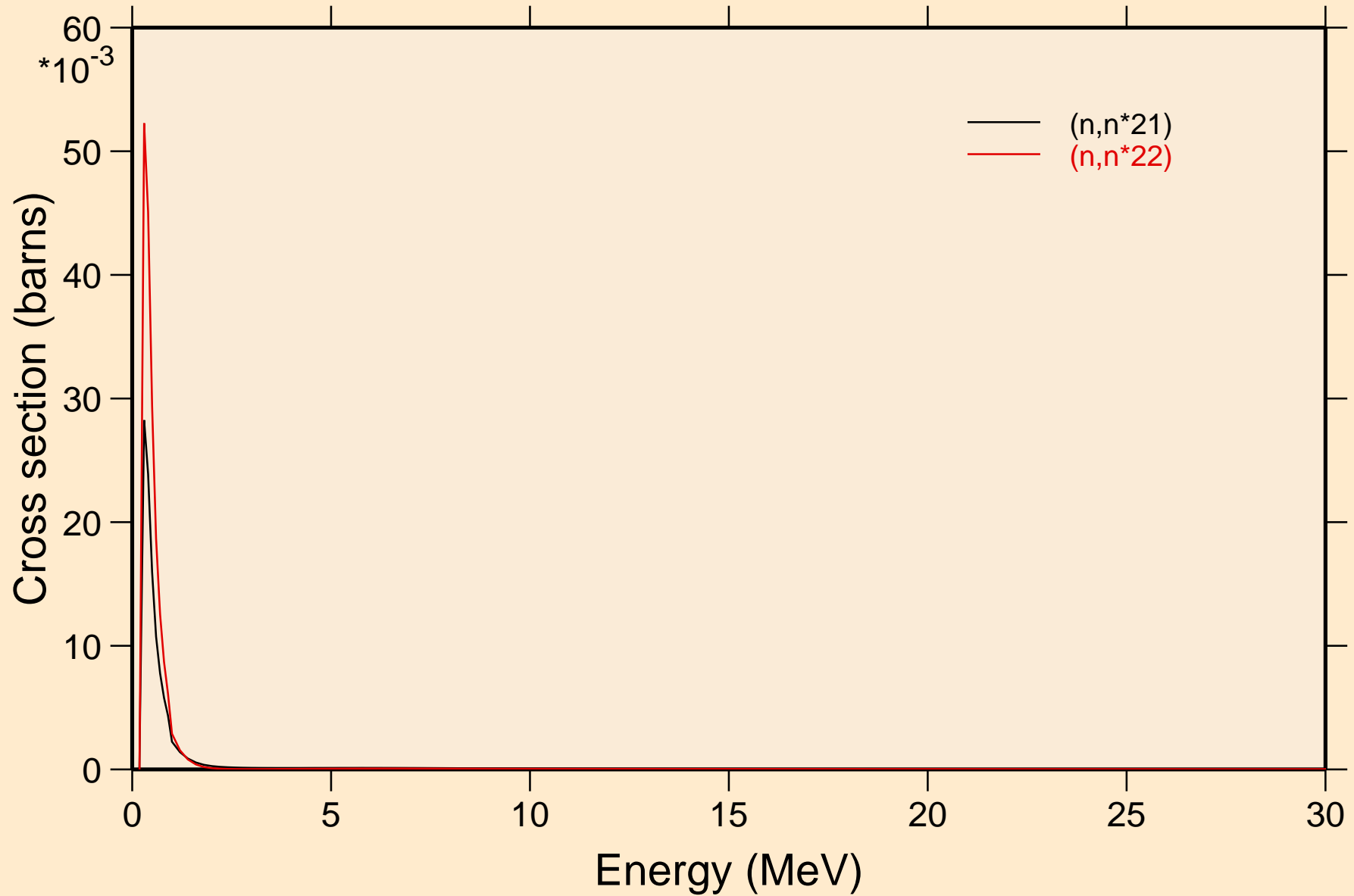
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Inelastic levels



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

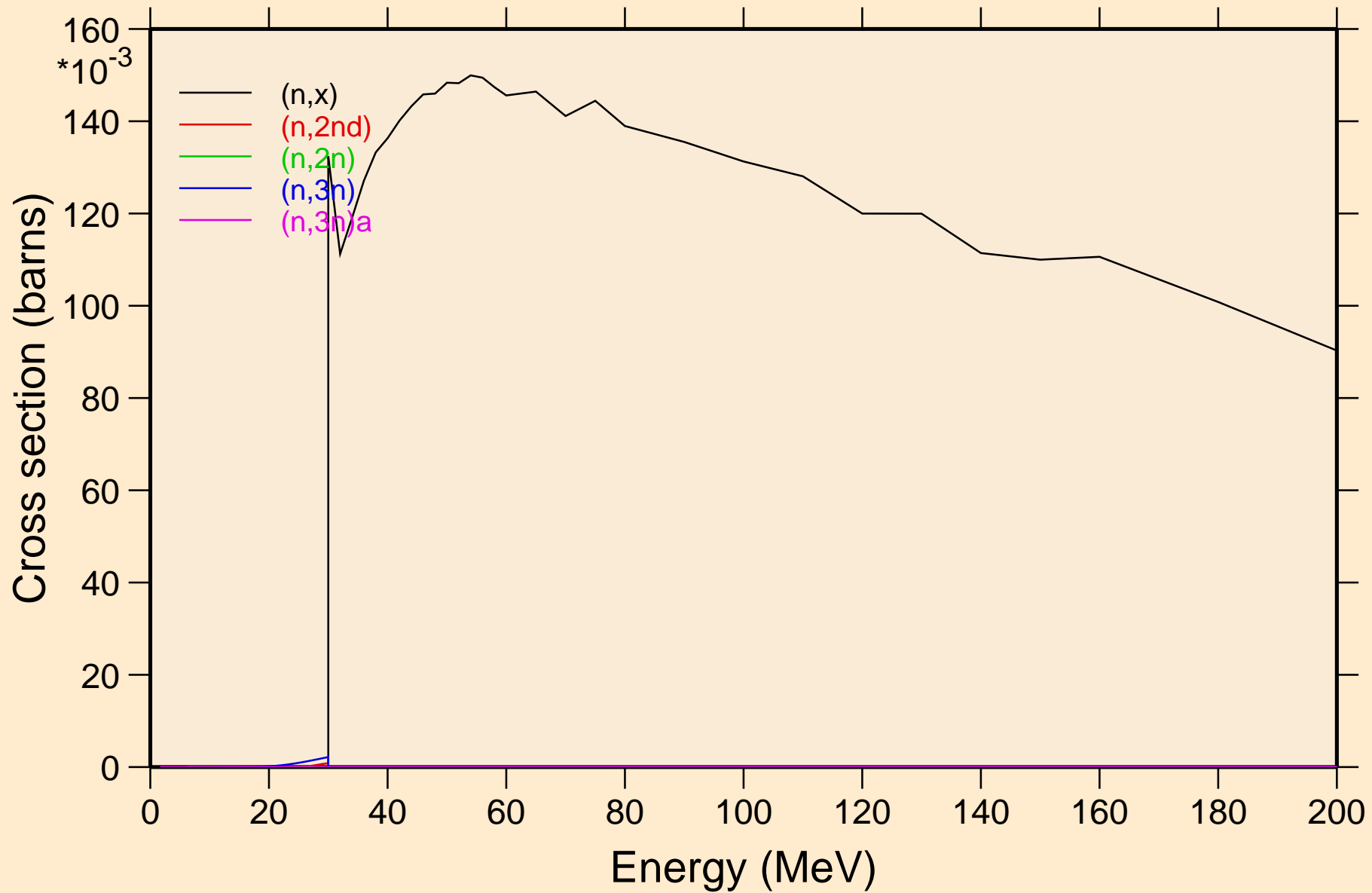


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Inelastic levels



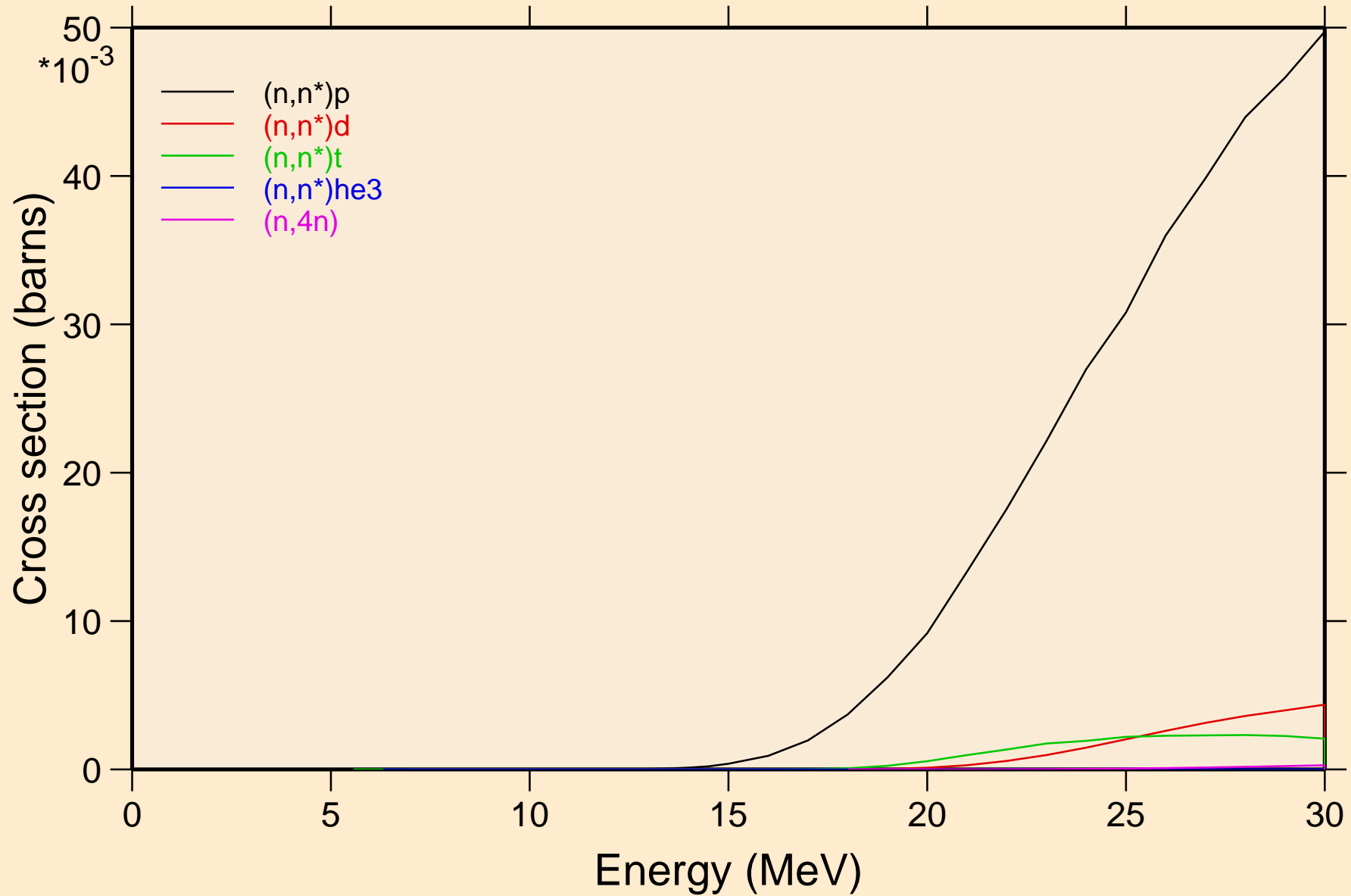
# MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



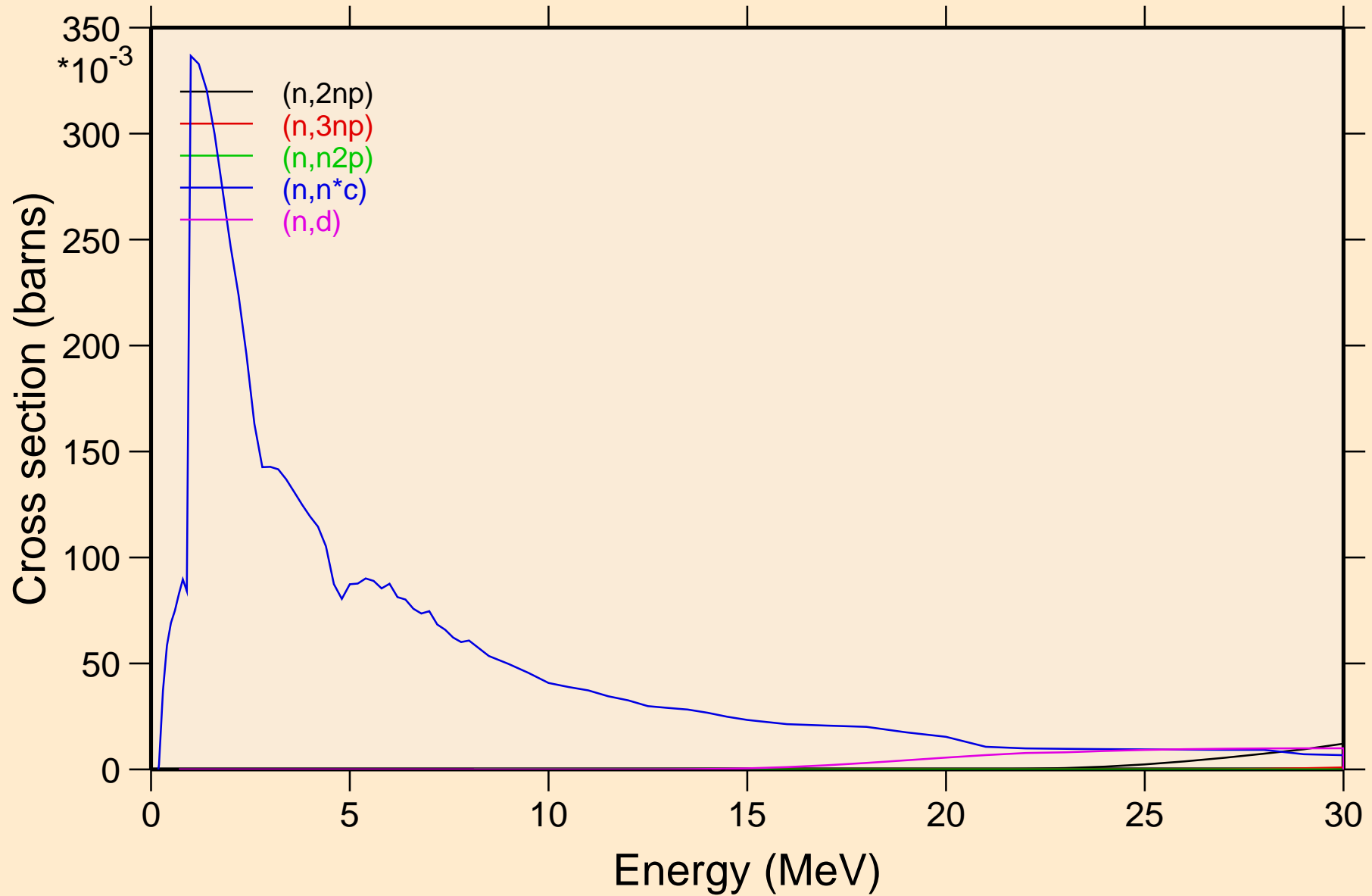


MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

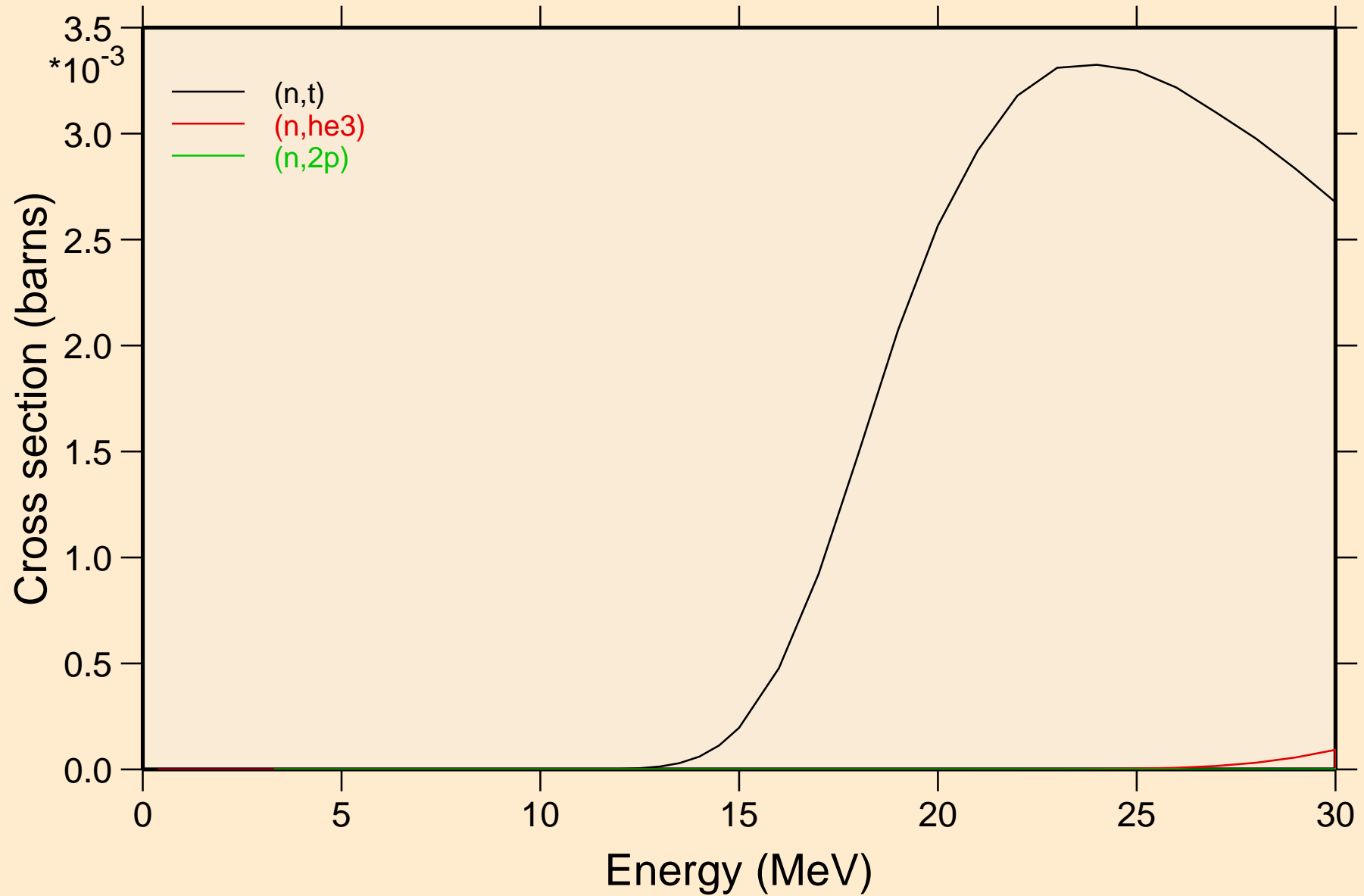


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## Threshold reactions

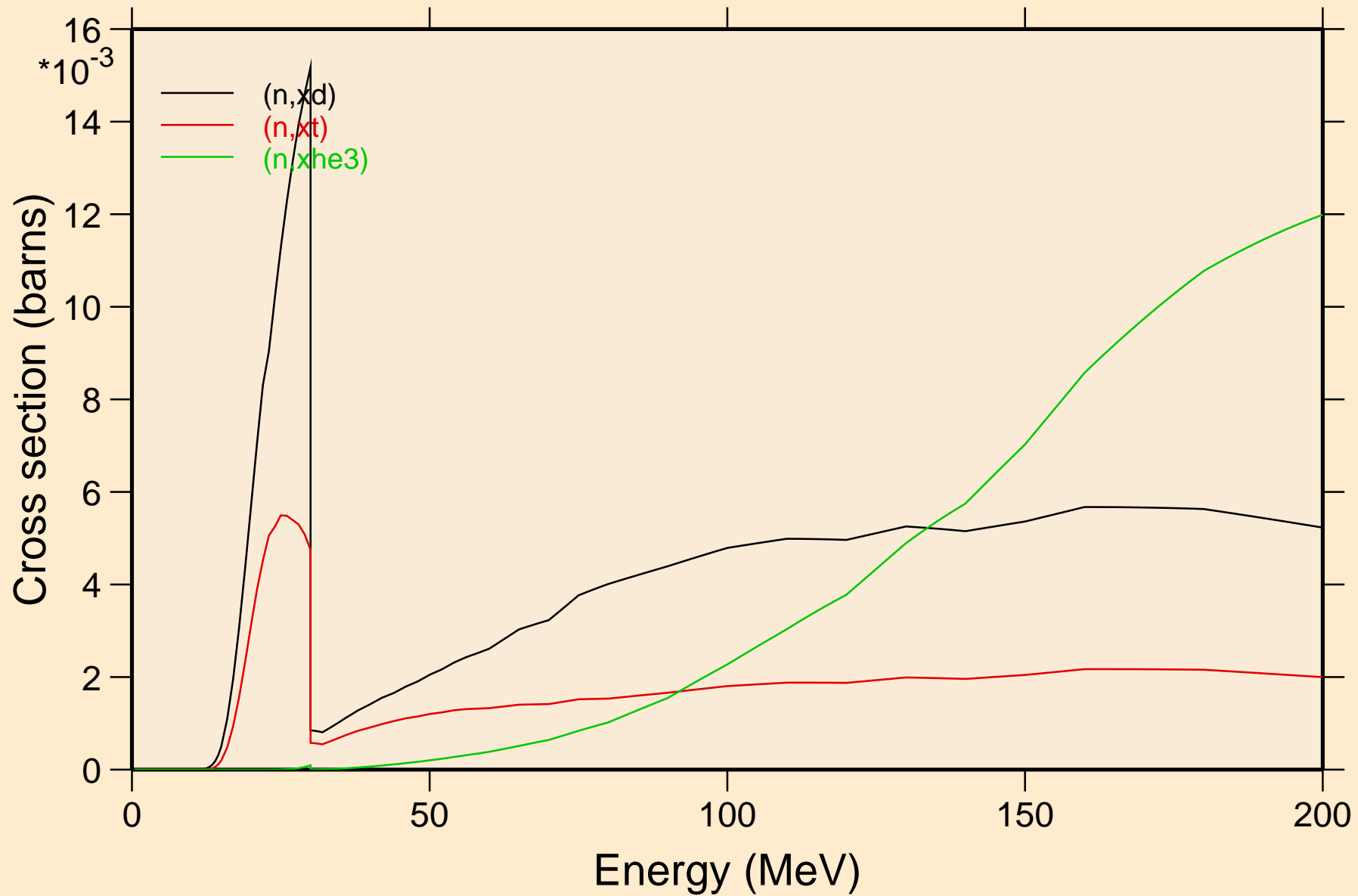


MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

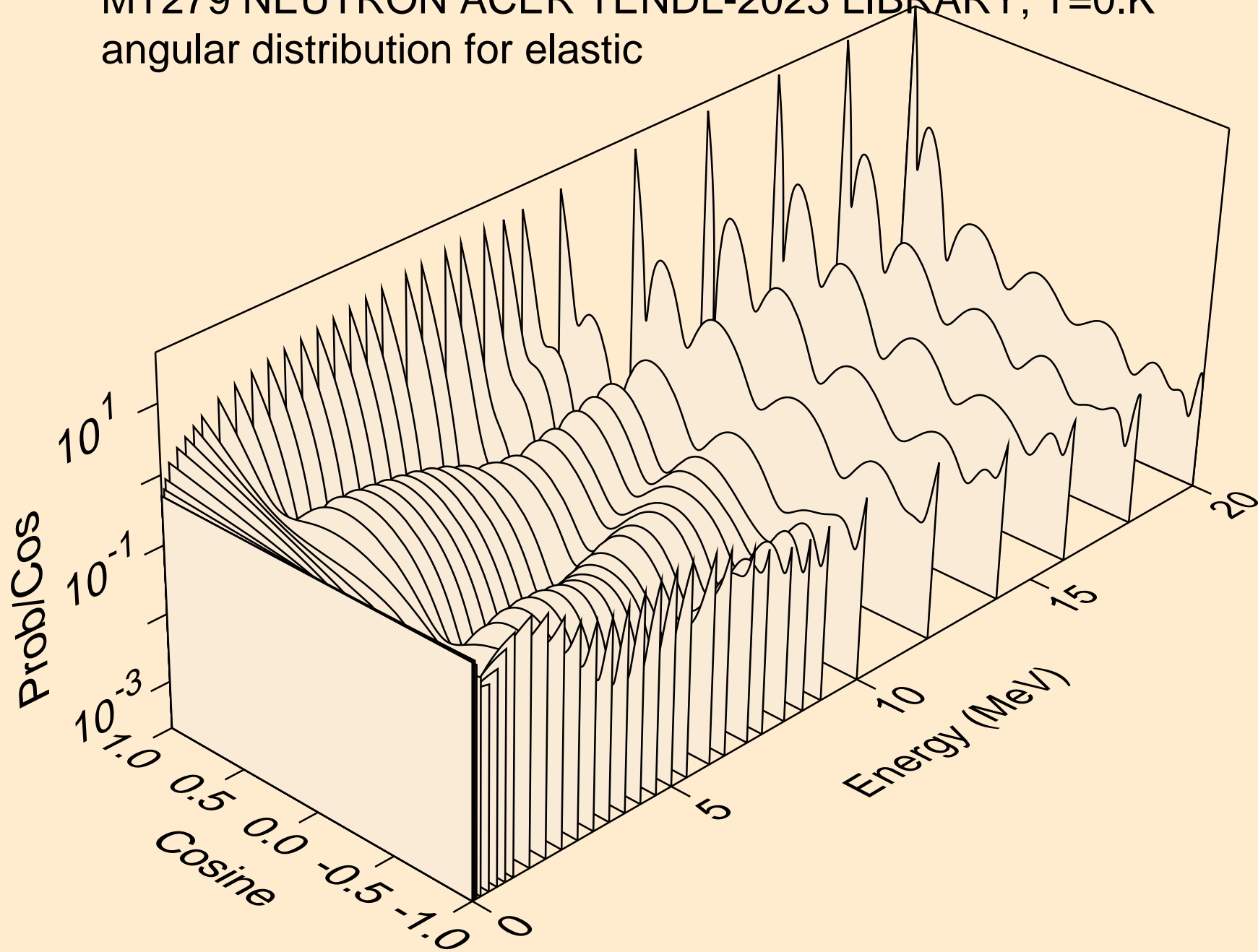


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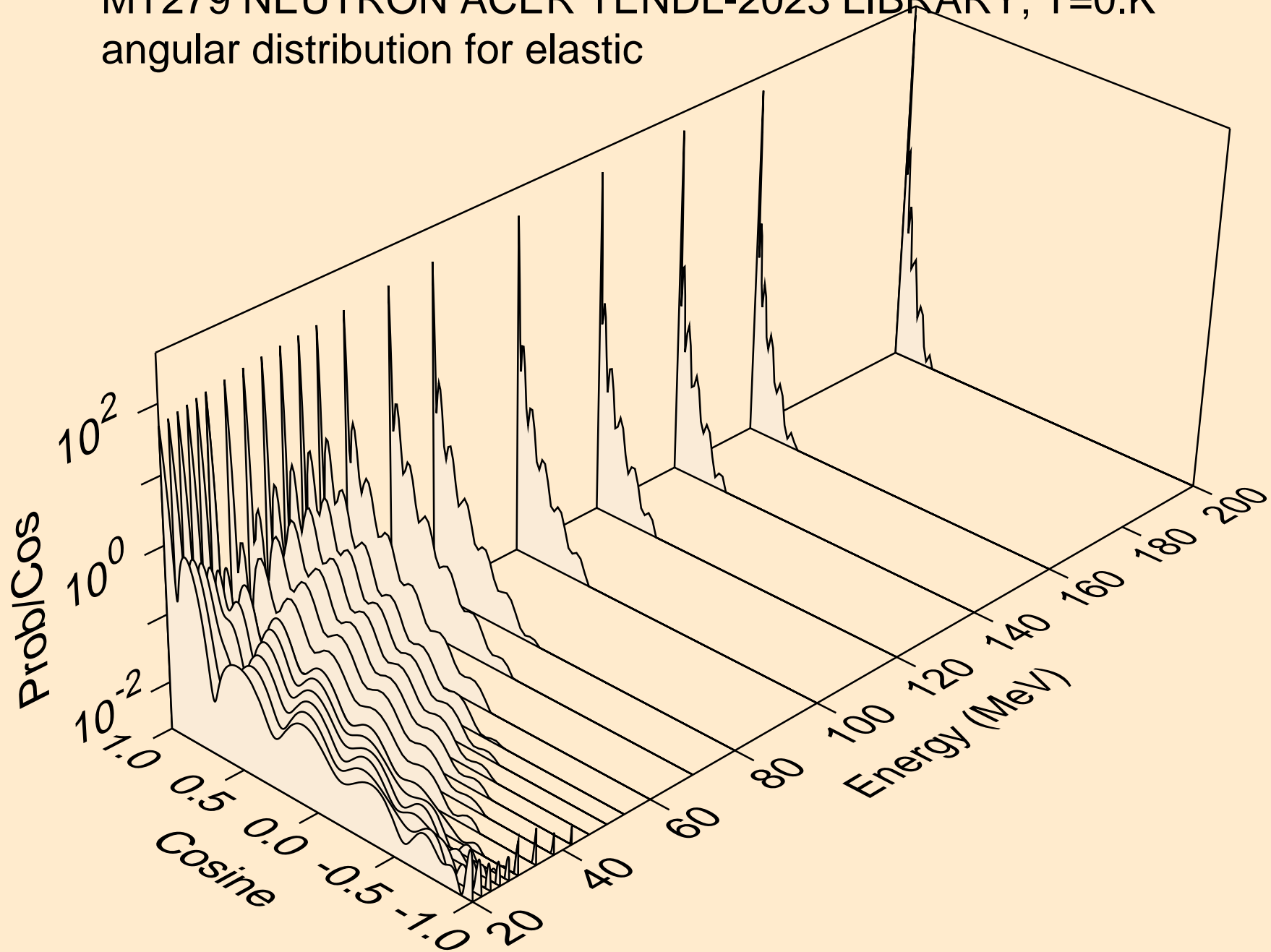
## Threshold reactions



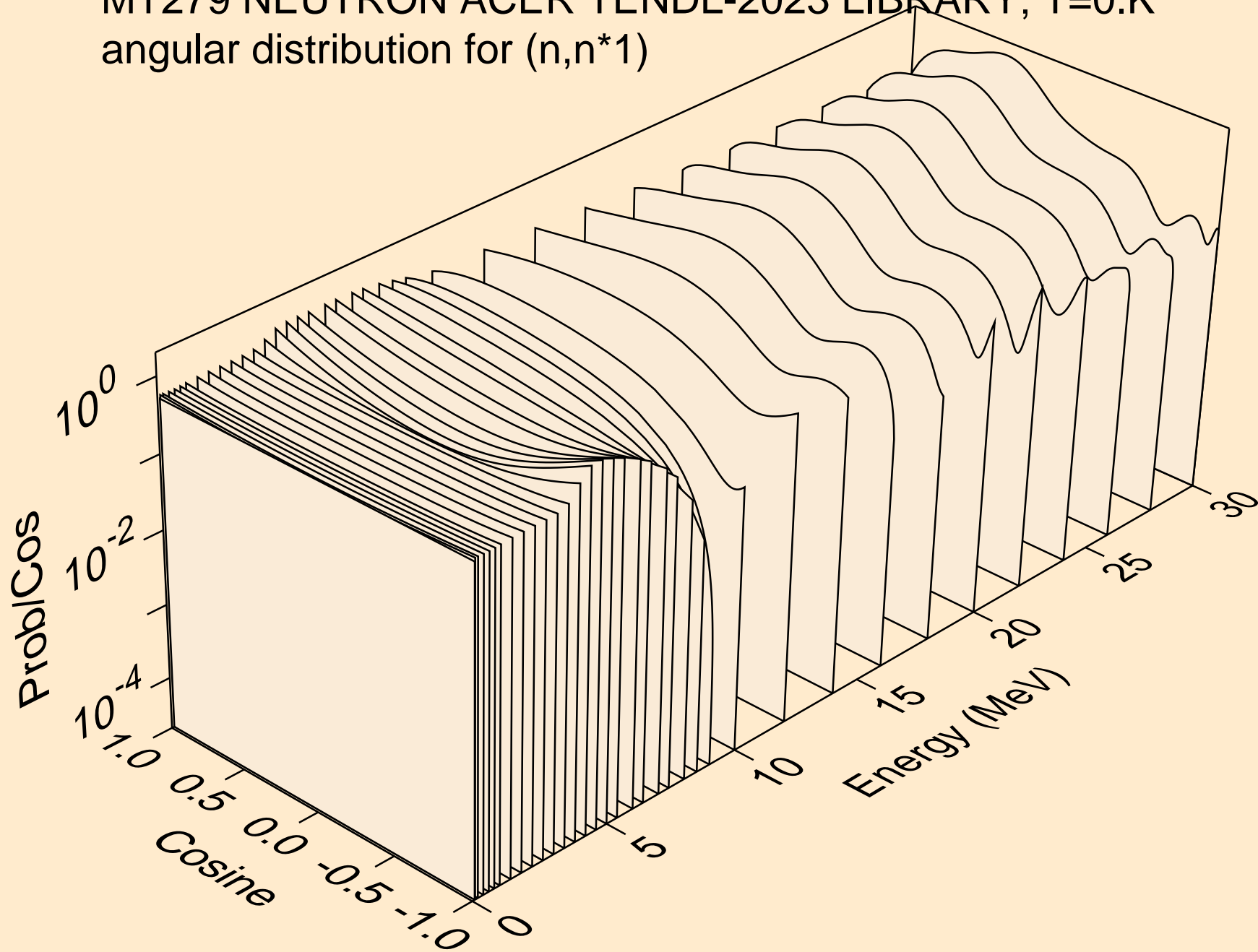
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



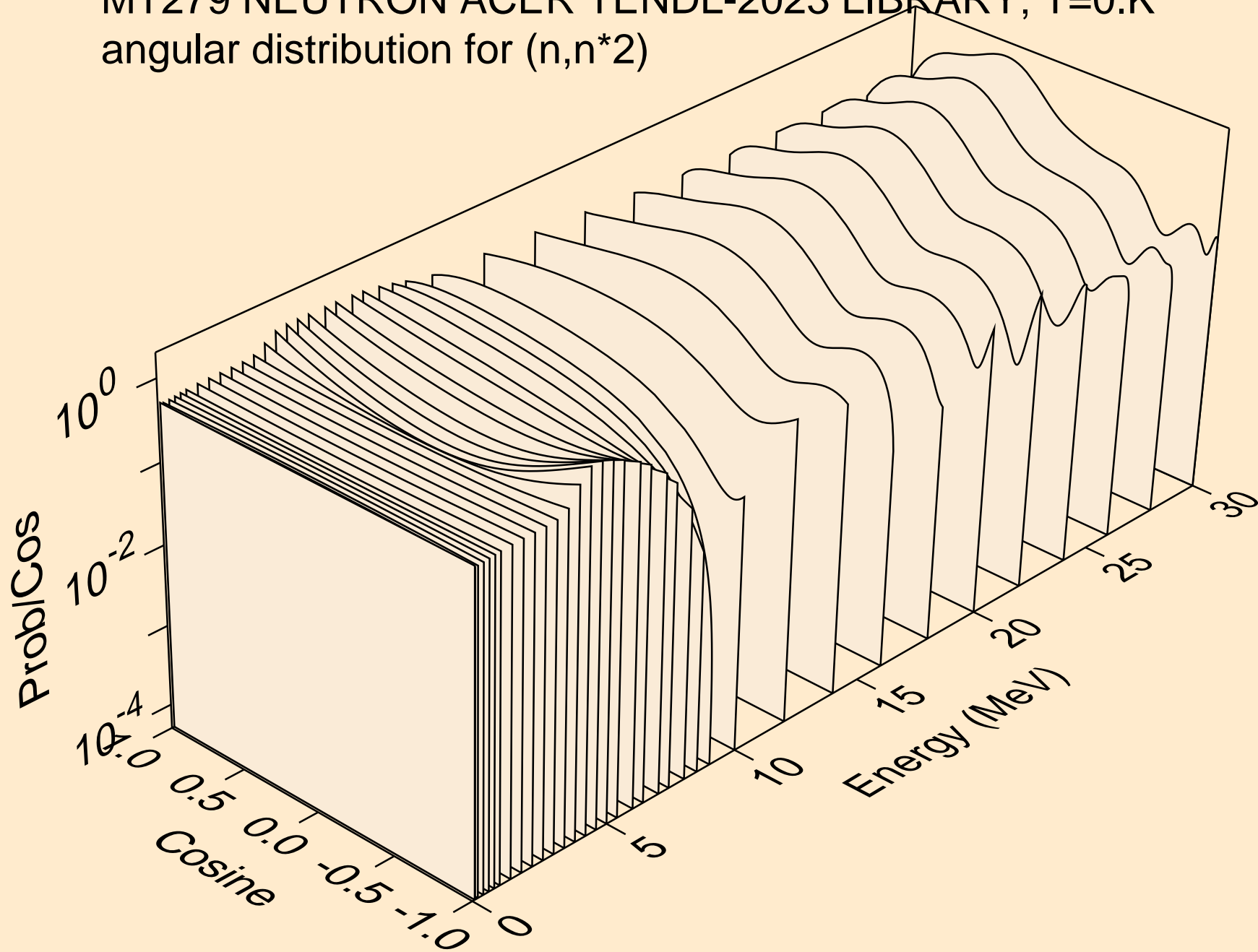
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

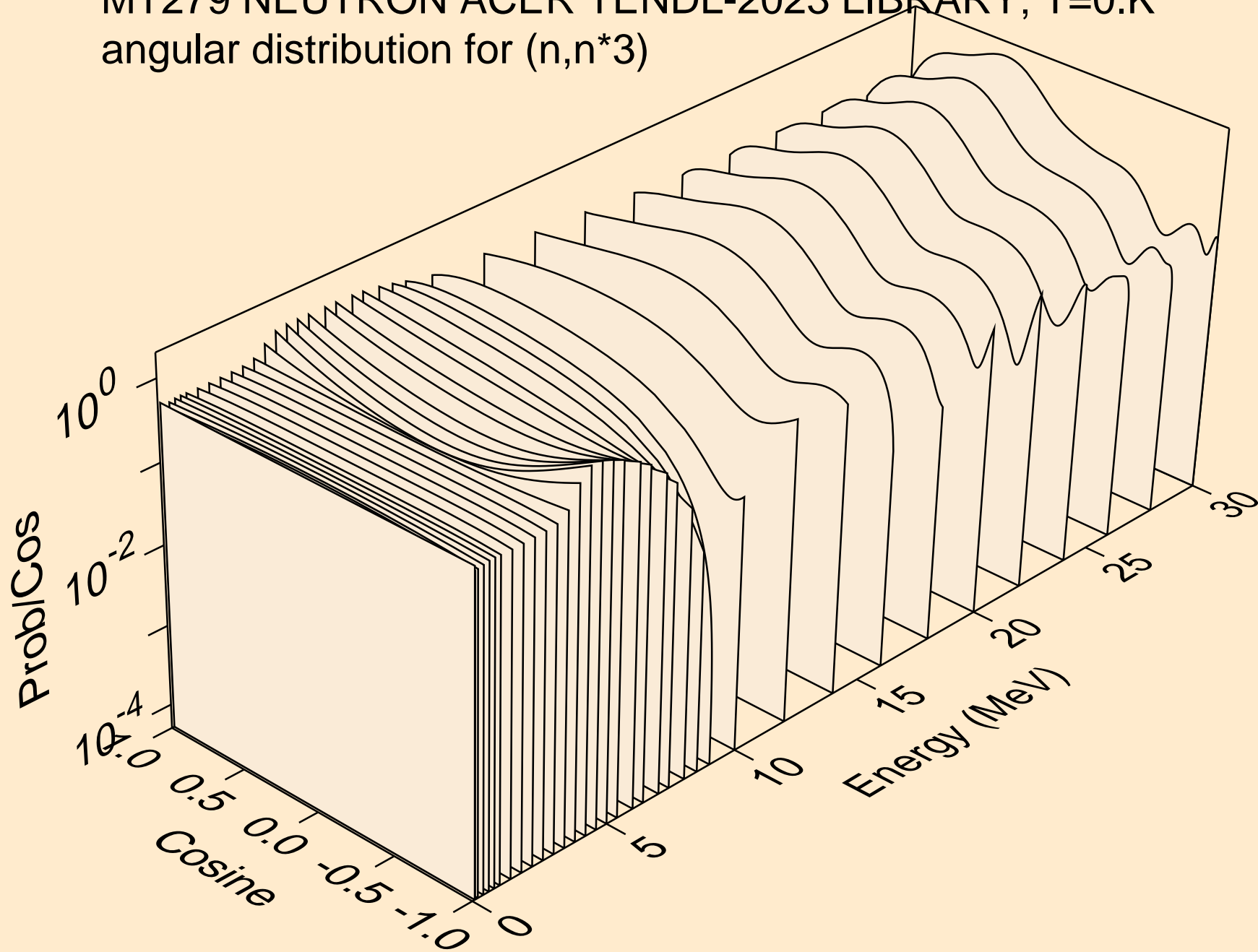


MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

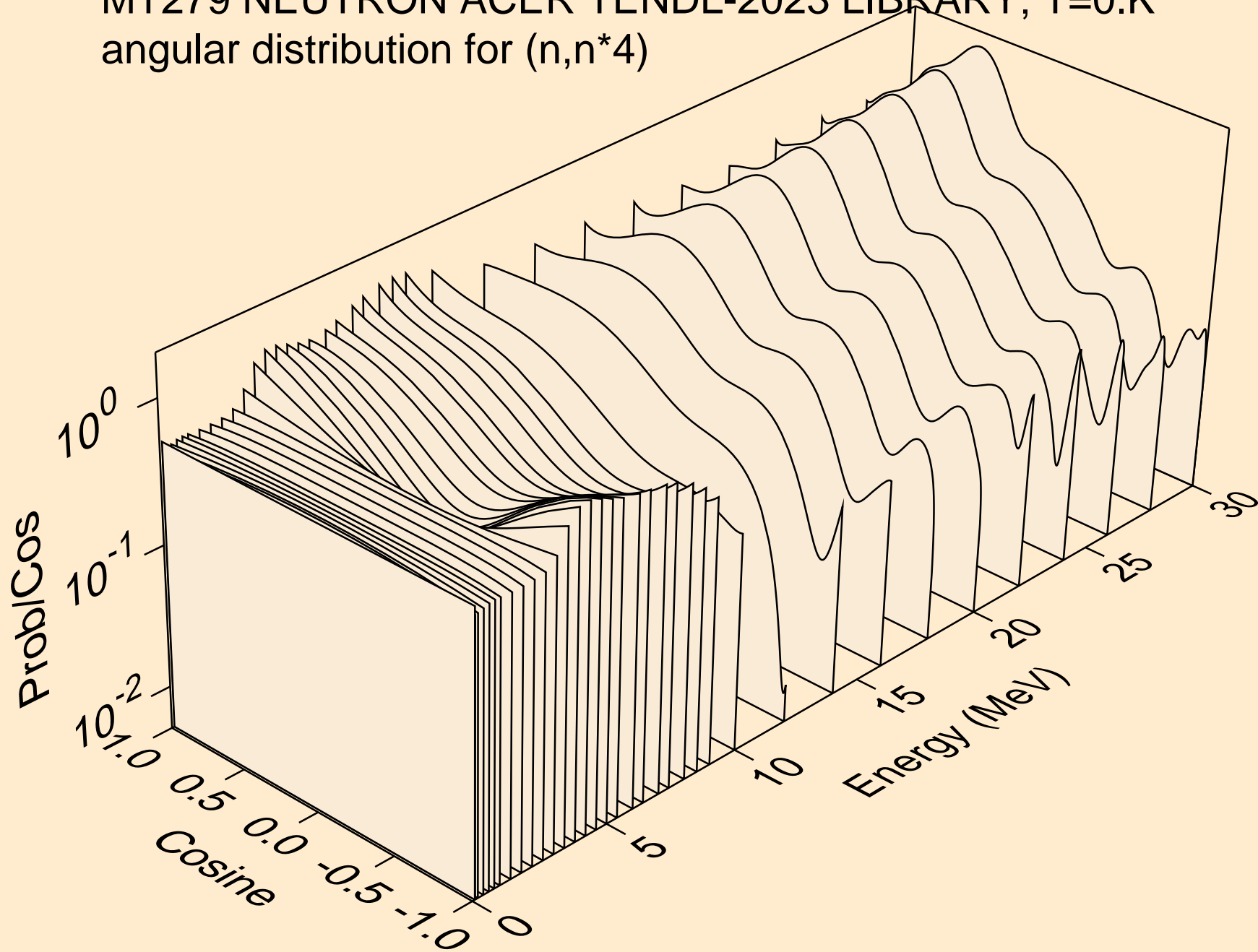




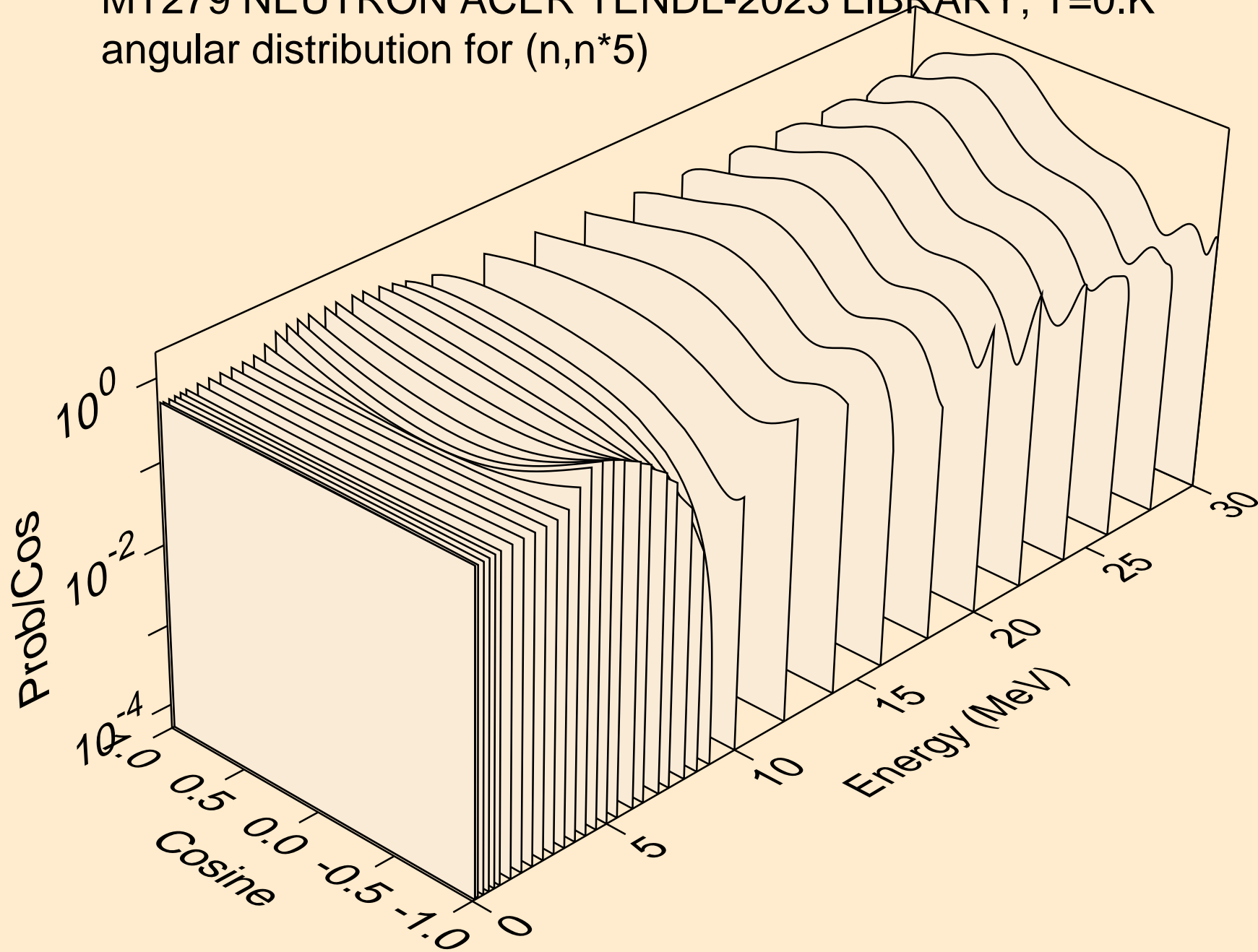
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angular distribution for (n,n\*3)



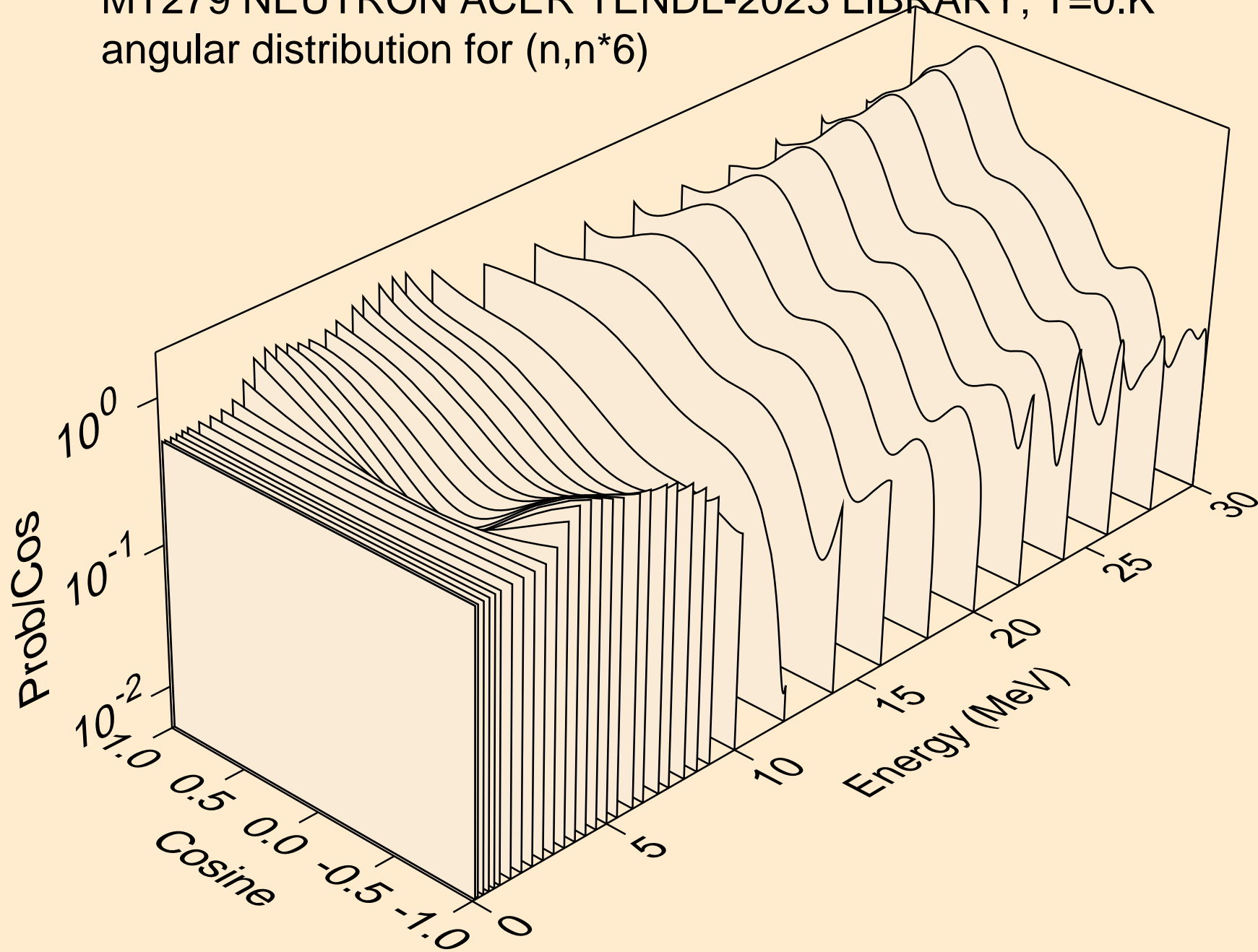
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angular distribution for (n,n\*4)



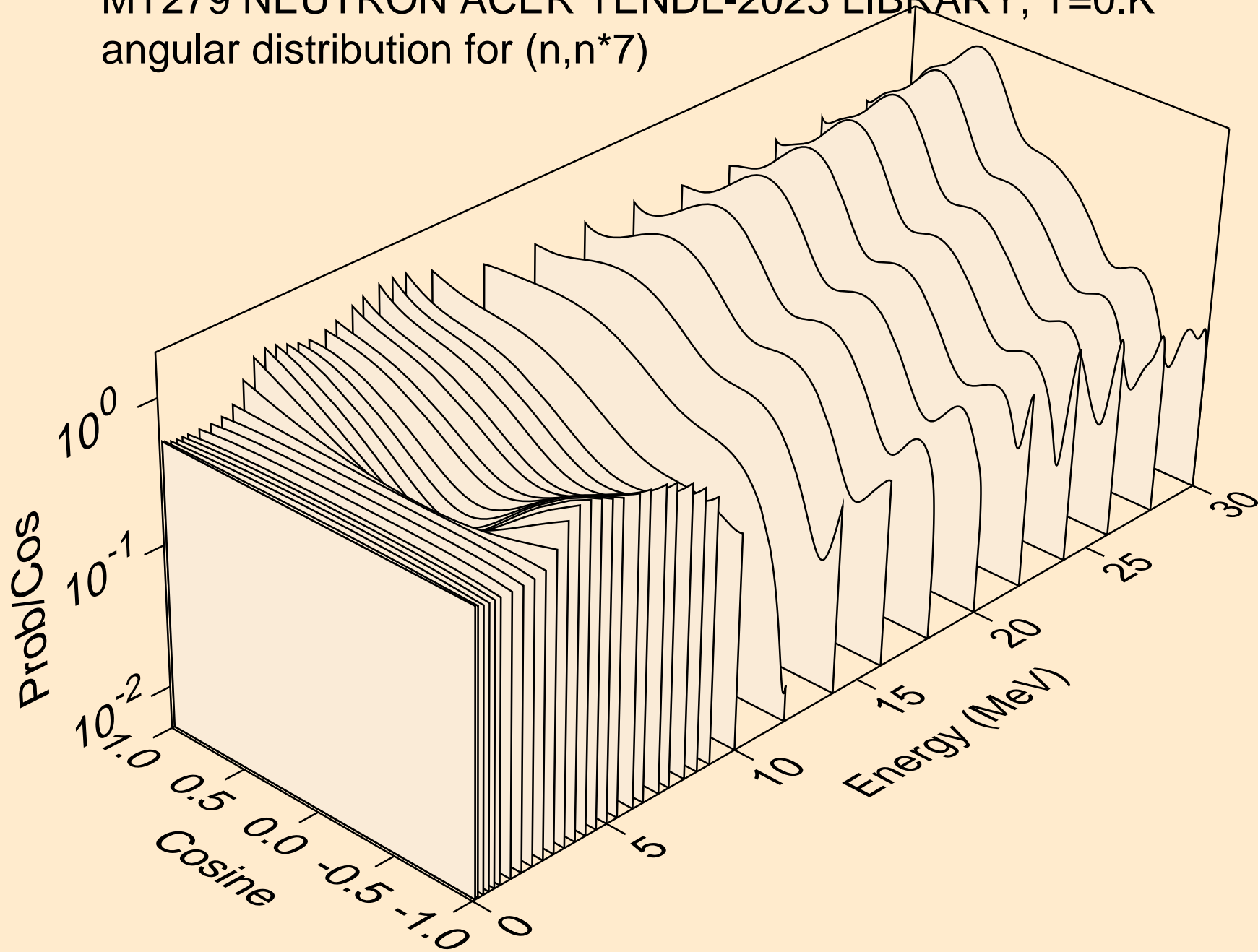
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angular distribution for (n,n\*5)



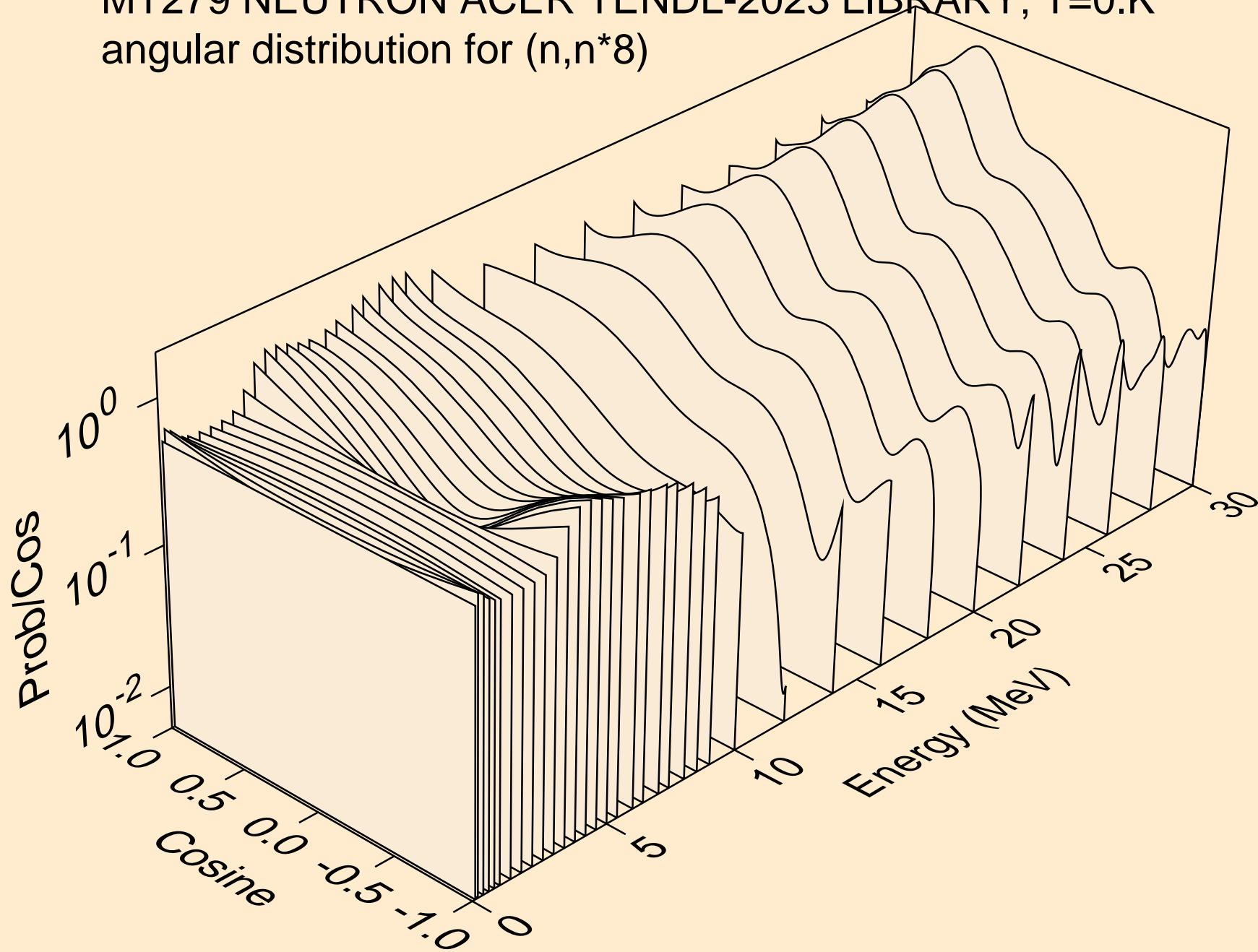
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angular distribution for (n,n\*6)



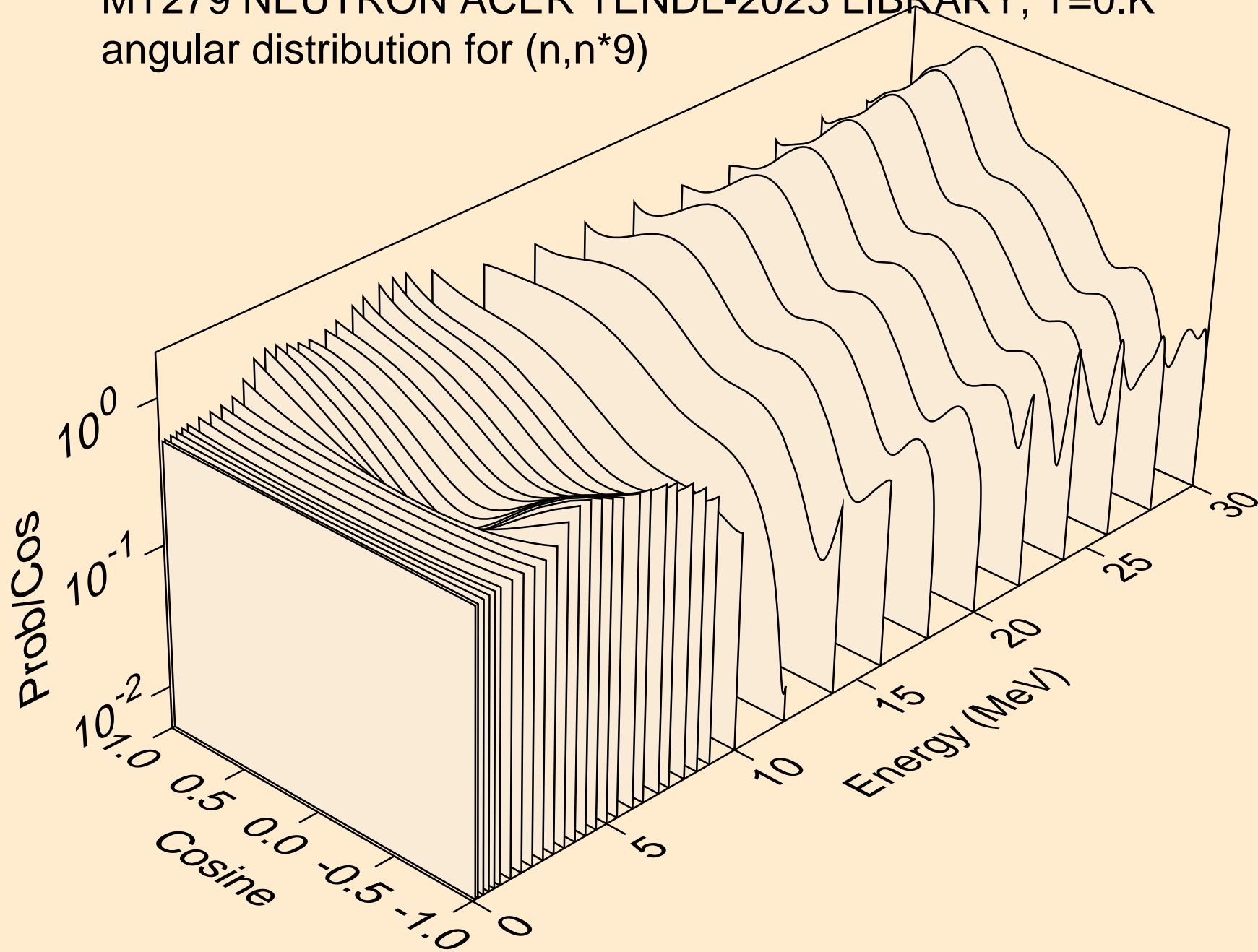
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

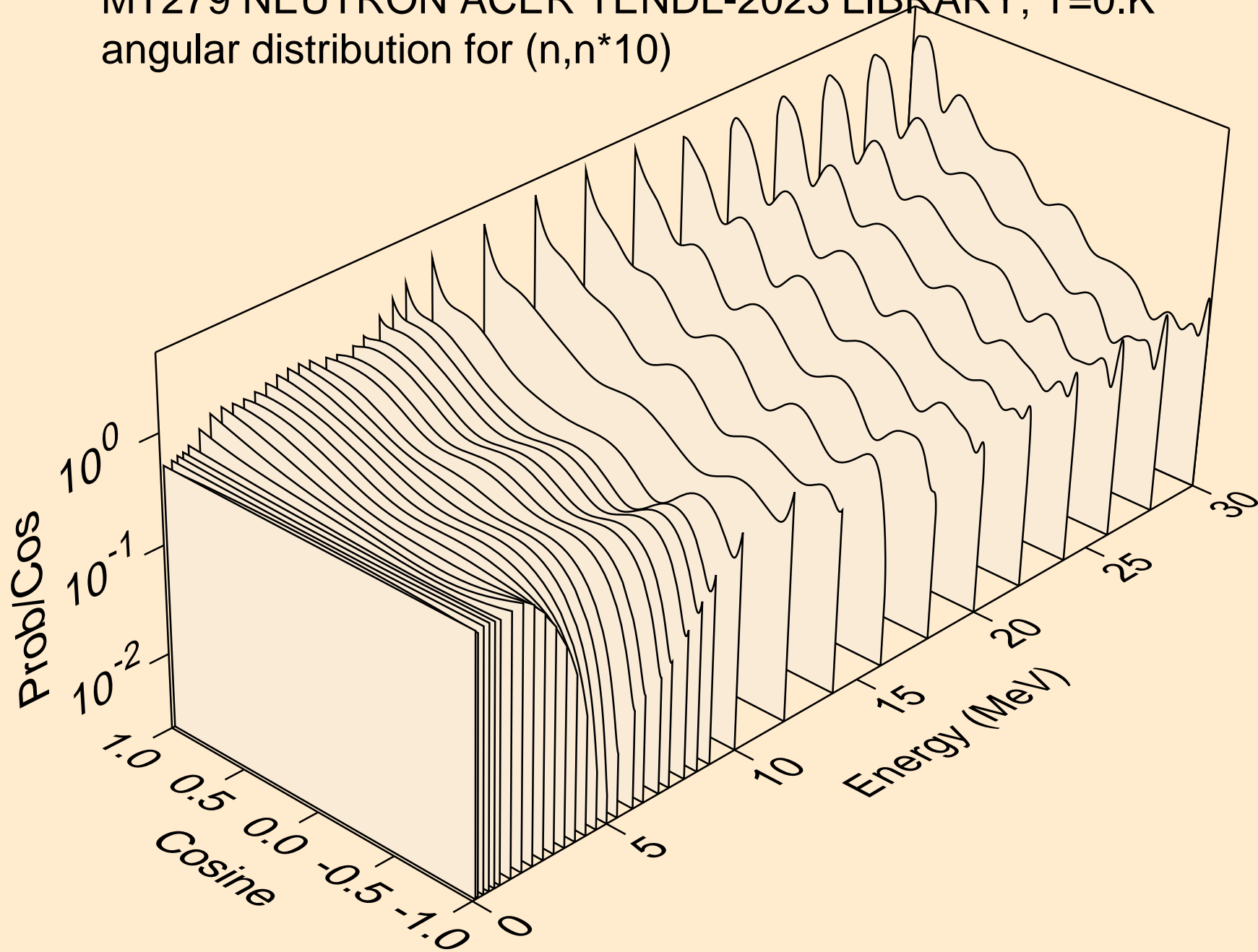


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angular distribution for (n,n\*9)



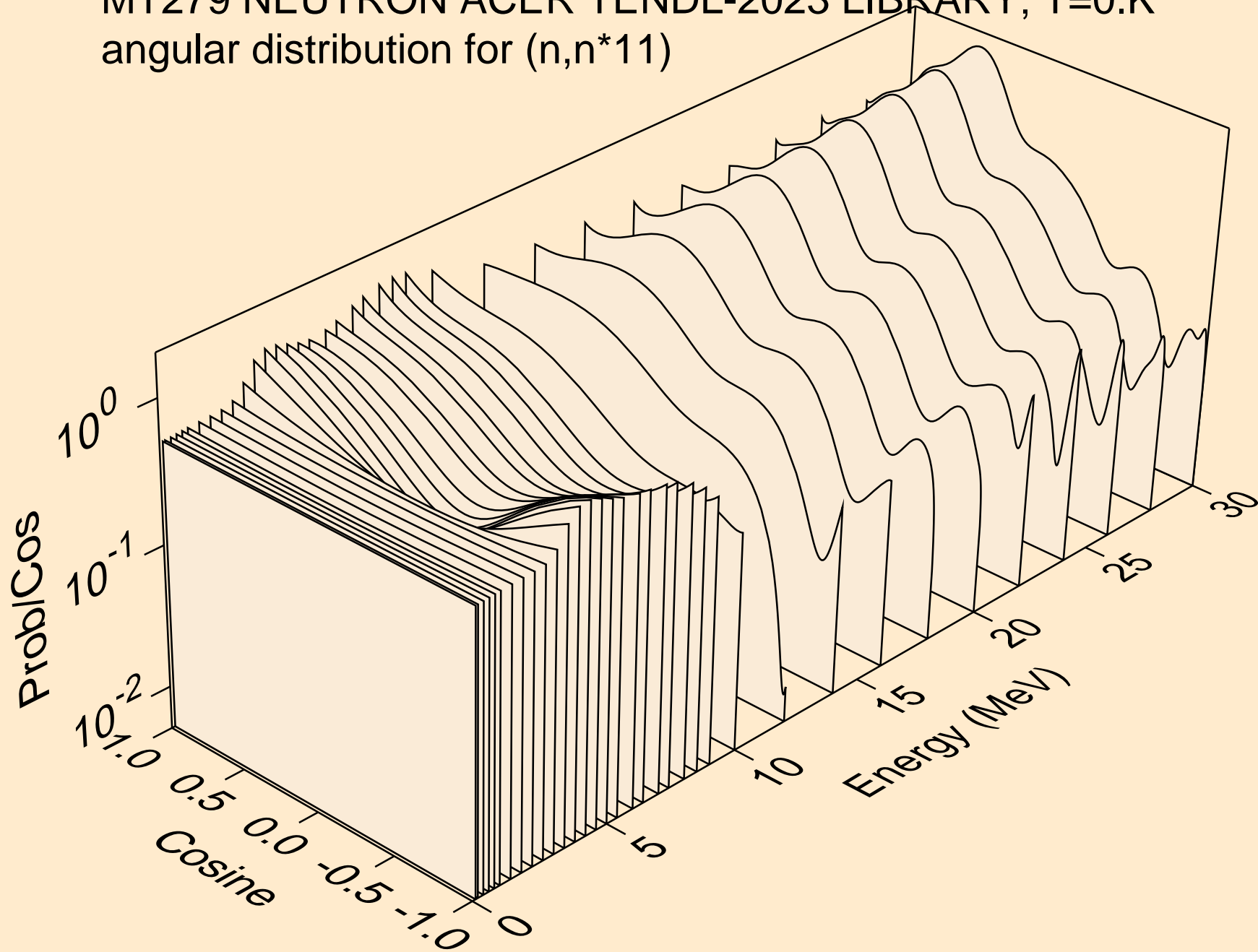


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angular distribution for (n,n\*10)

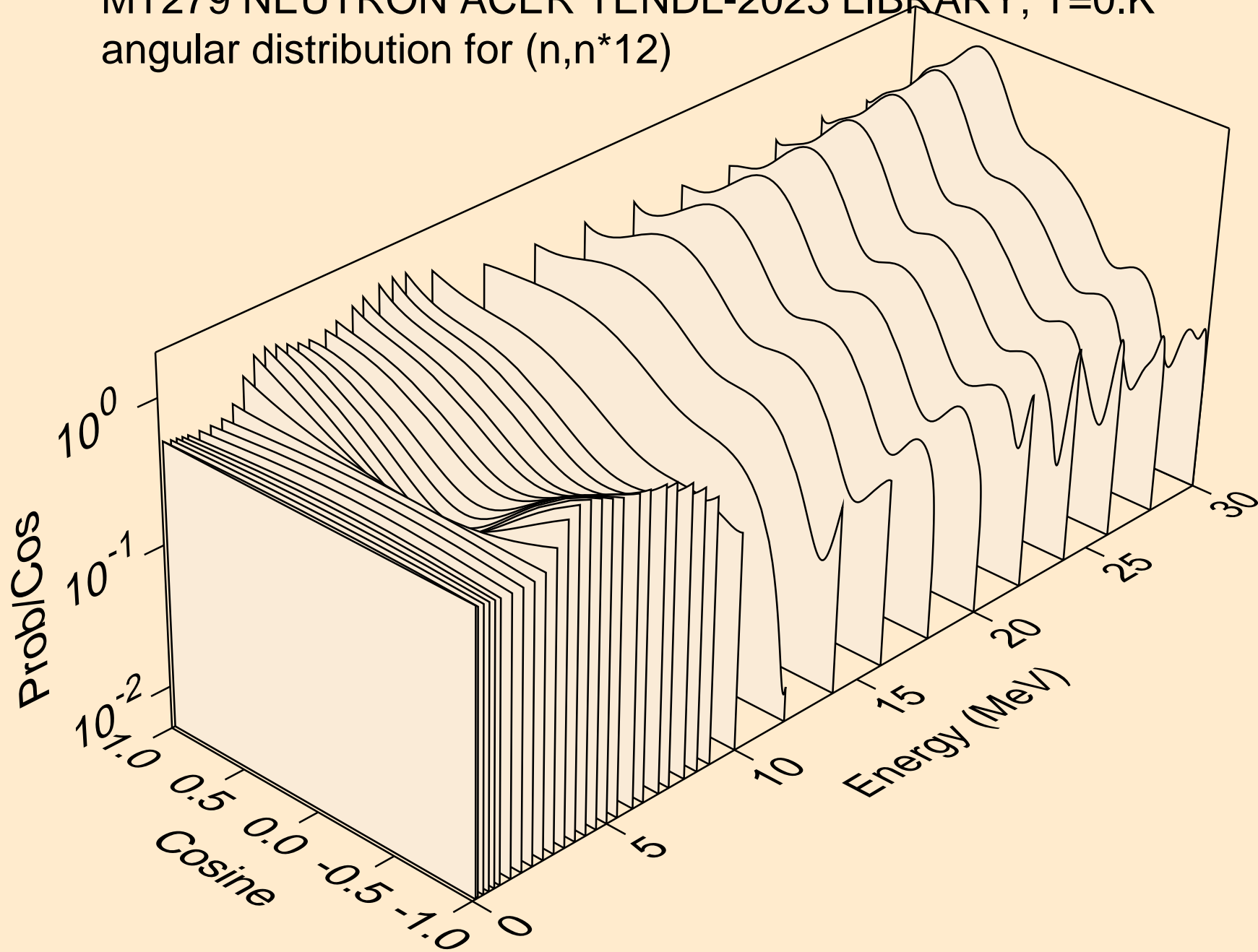




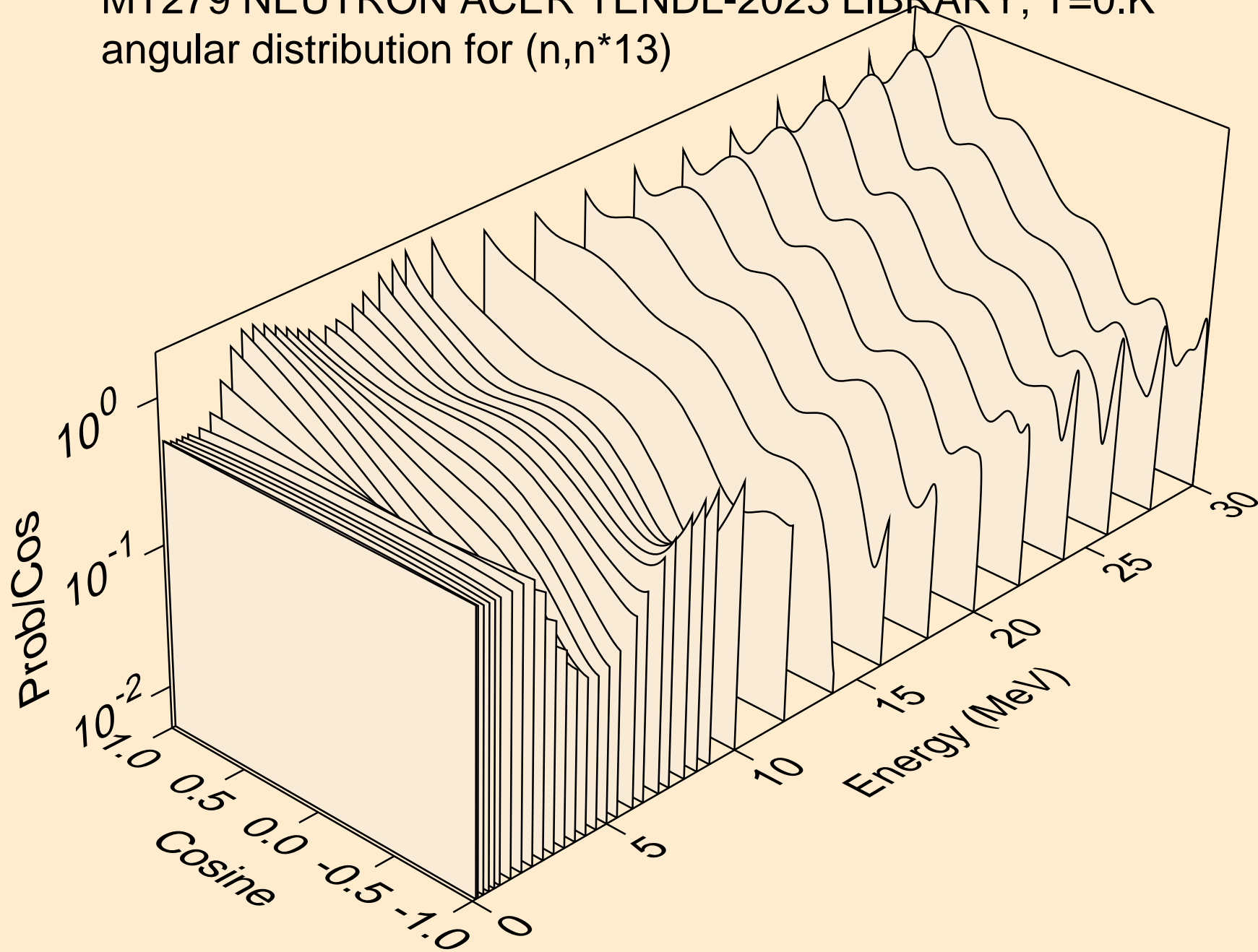
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angular distribution for (n,n\*11)



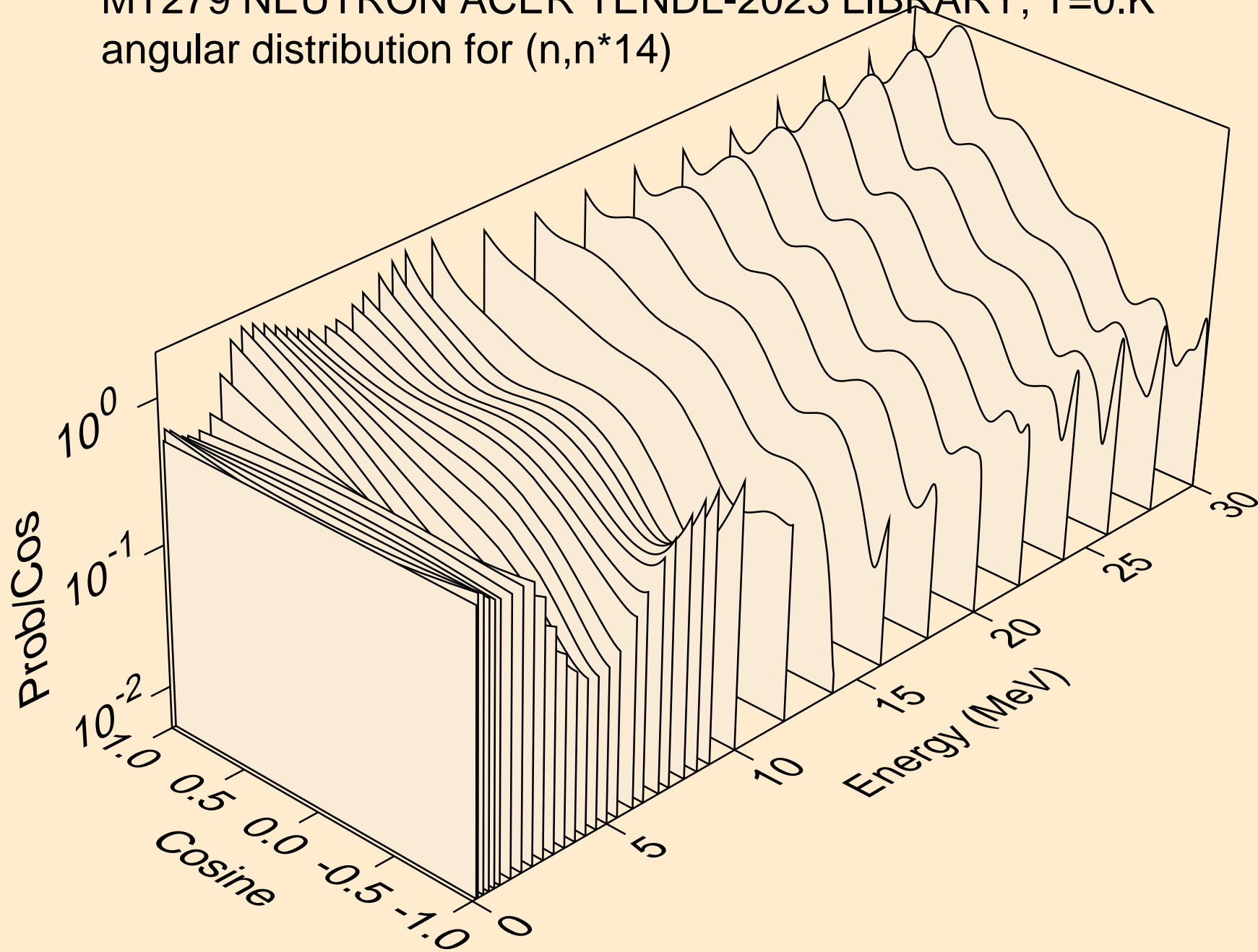
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angular distribution for (n,n\*12)



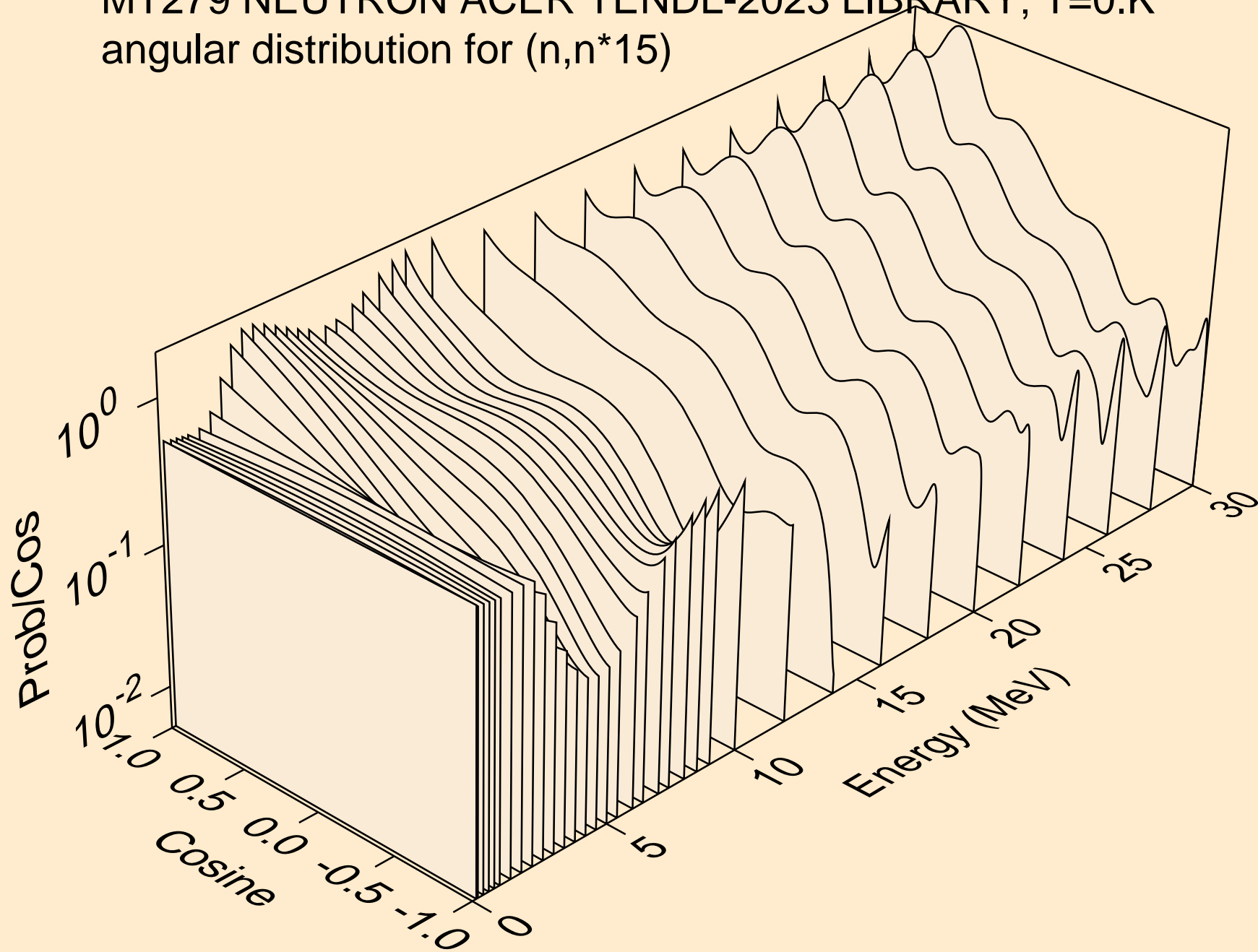
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angular distribution for (n,n\*13)



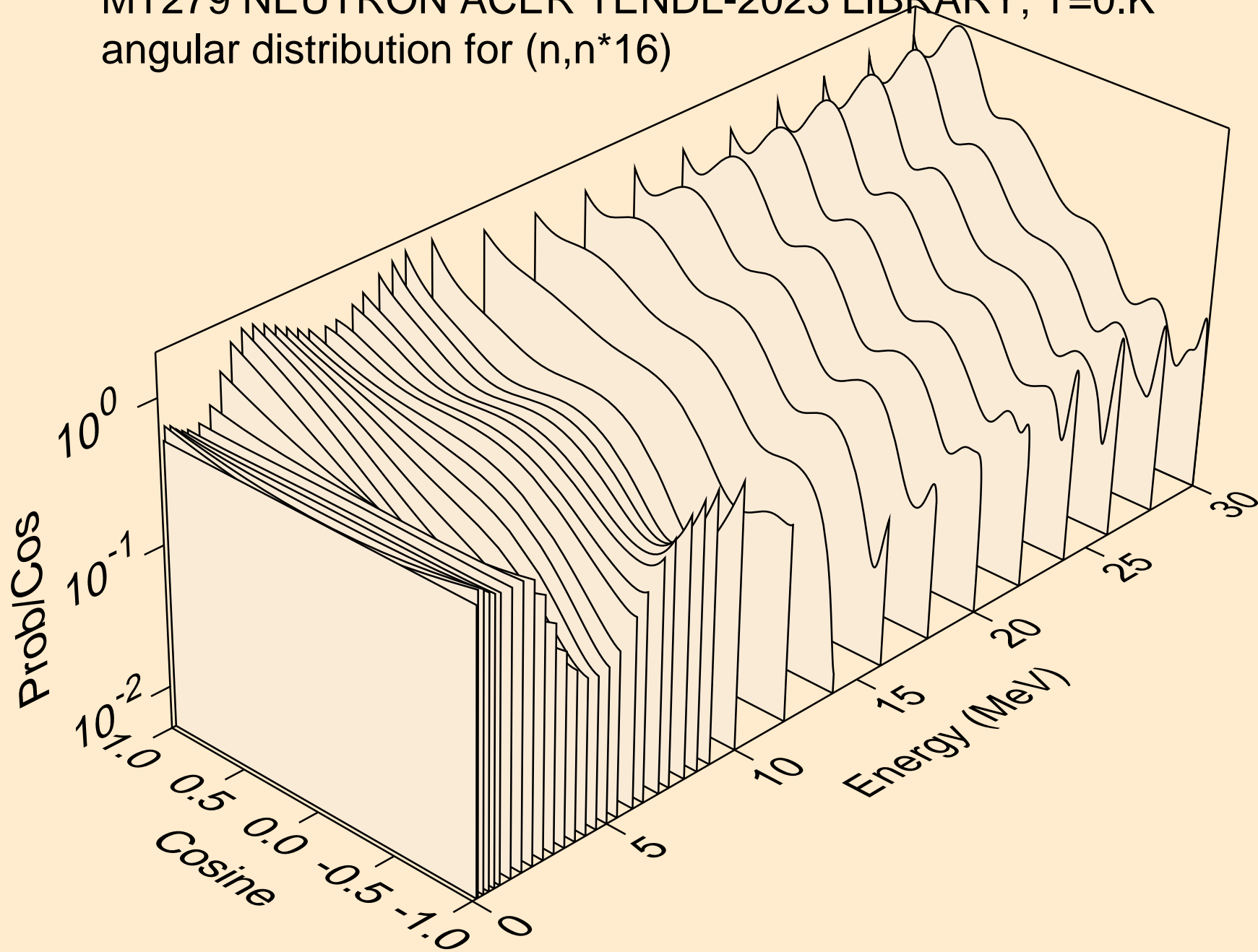
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angular distribution for (n,n\*14)



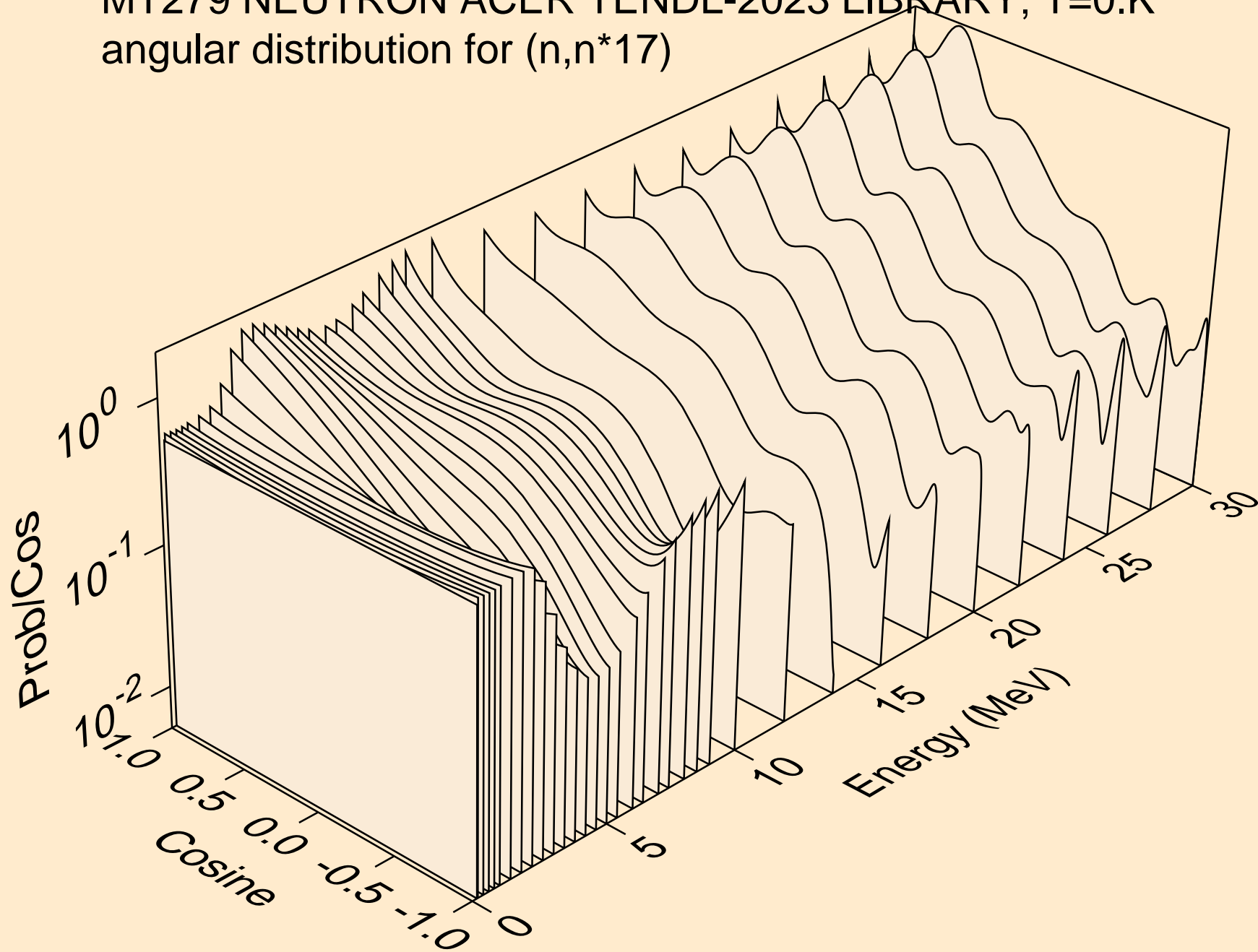
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angular distribution for (n,n\*15)



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

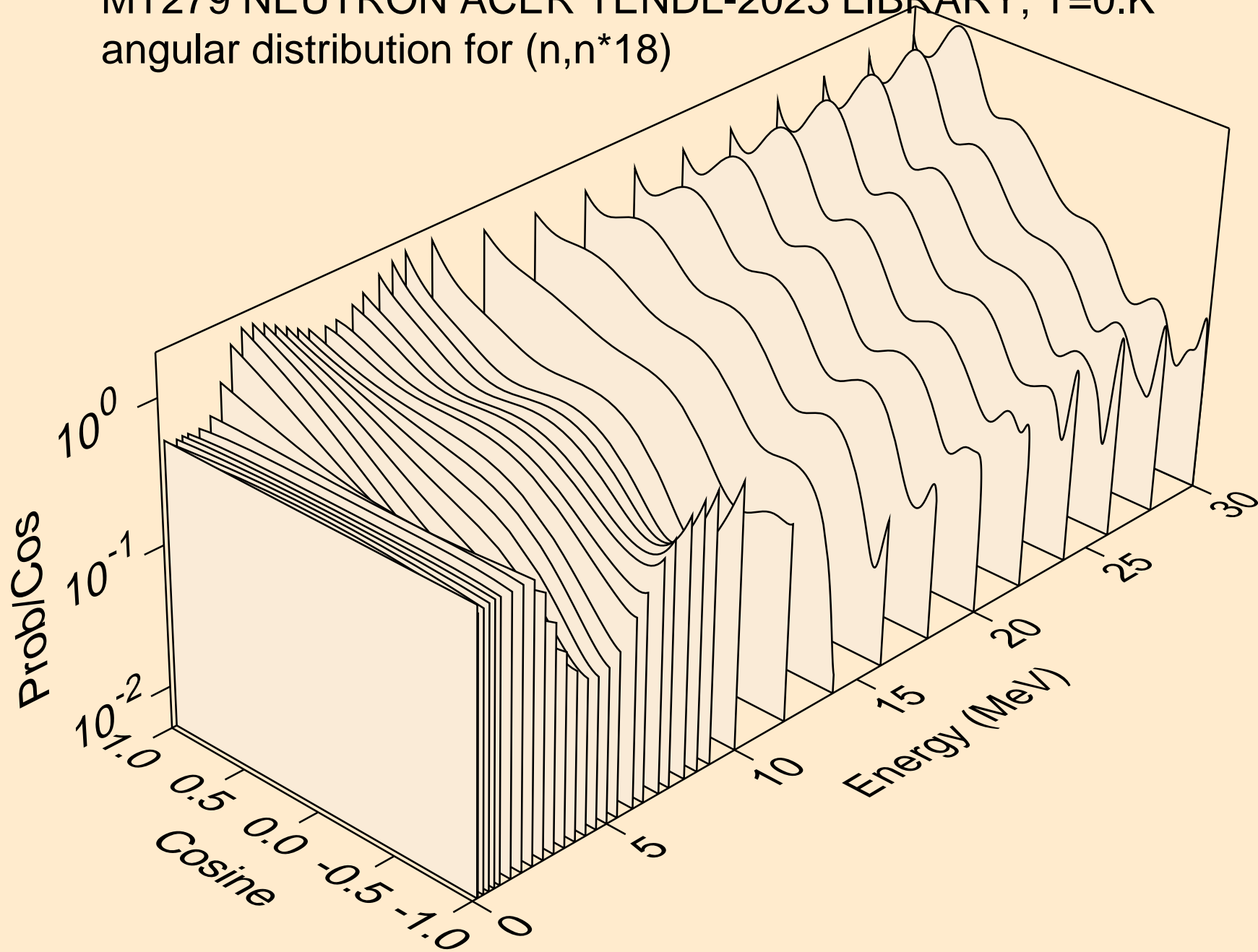


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angular distribution for (n,n\*17)



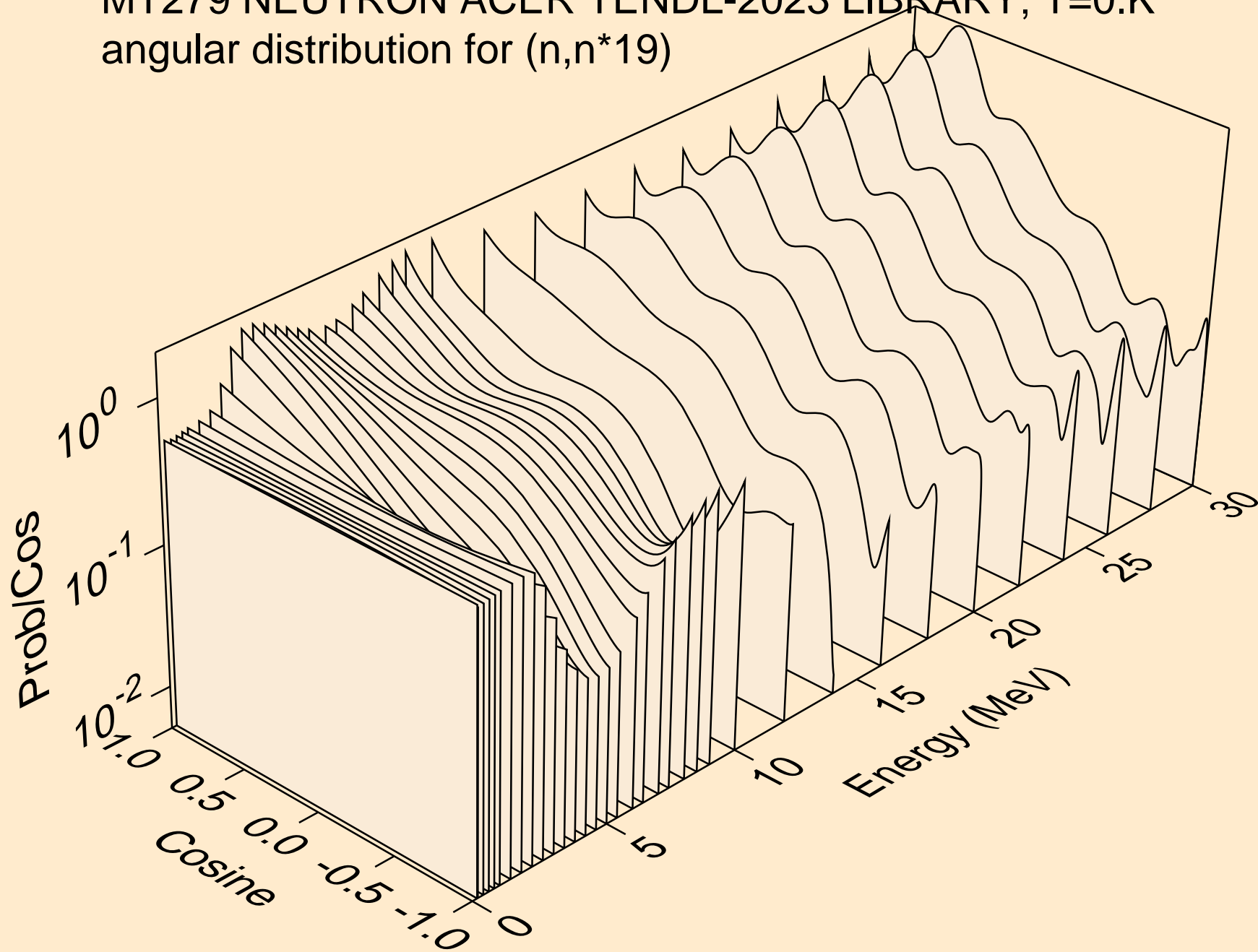


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angular distribution for (n,n\*18)

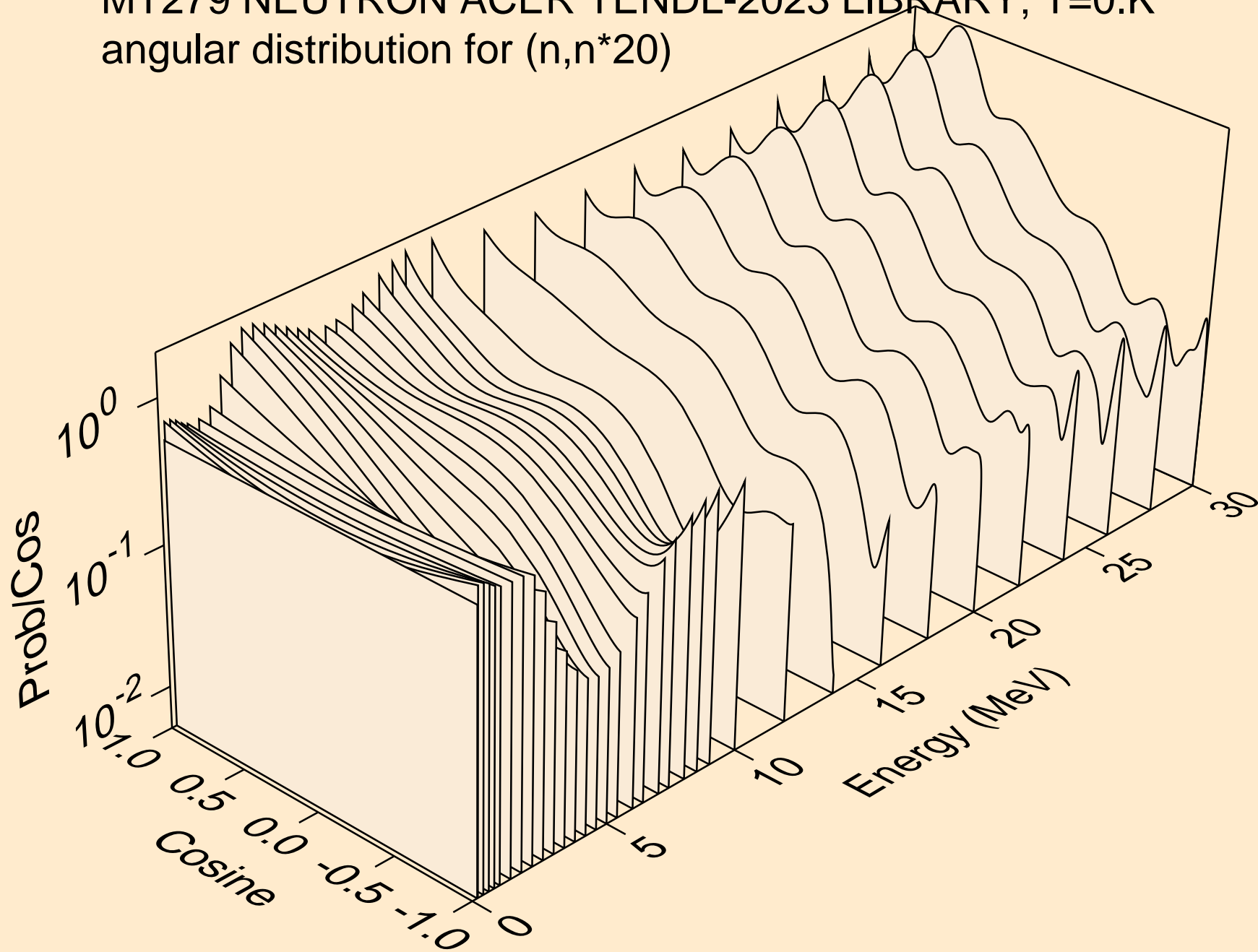




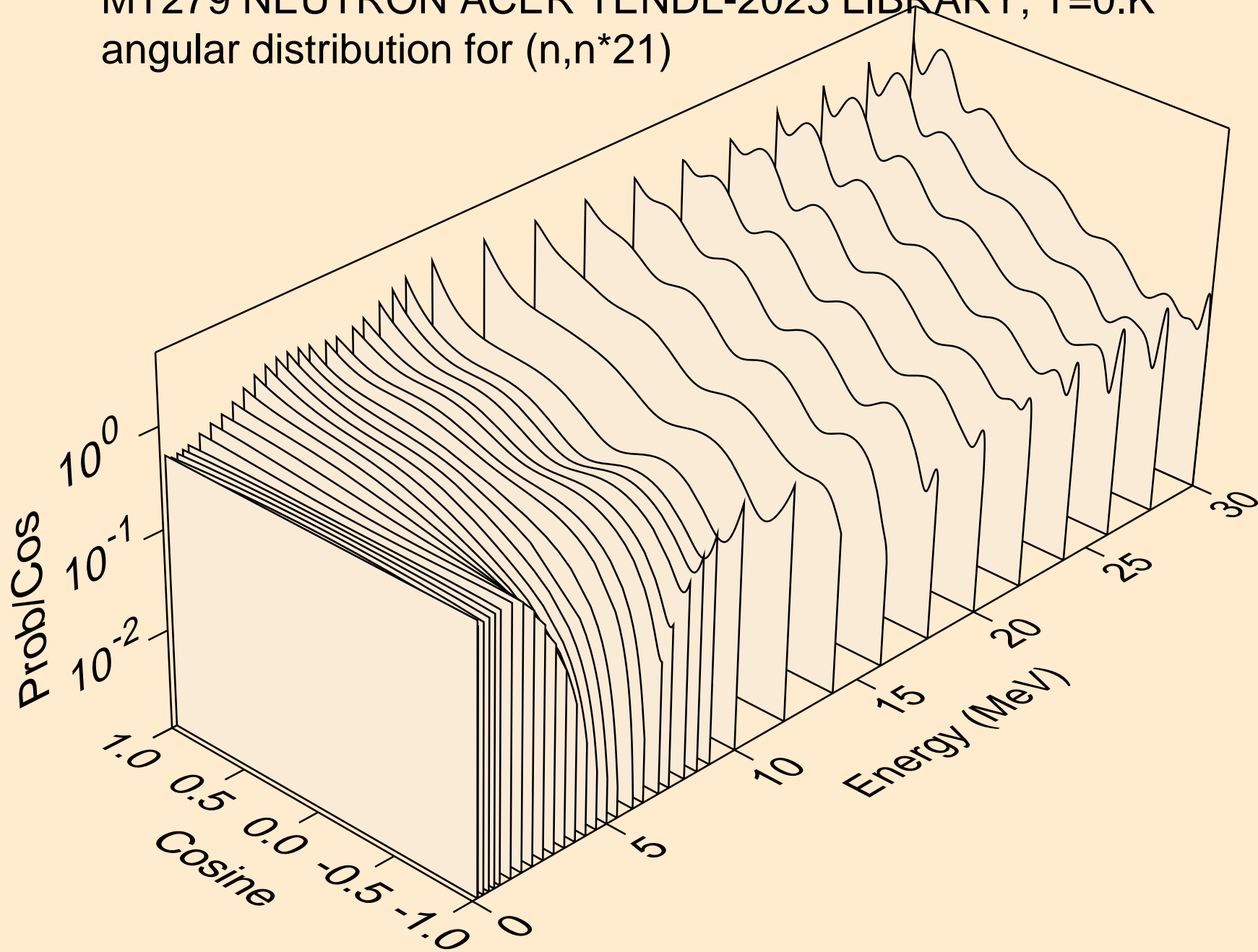
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angular distribution for (n,n\*19)



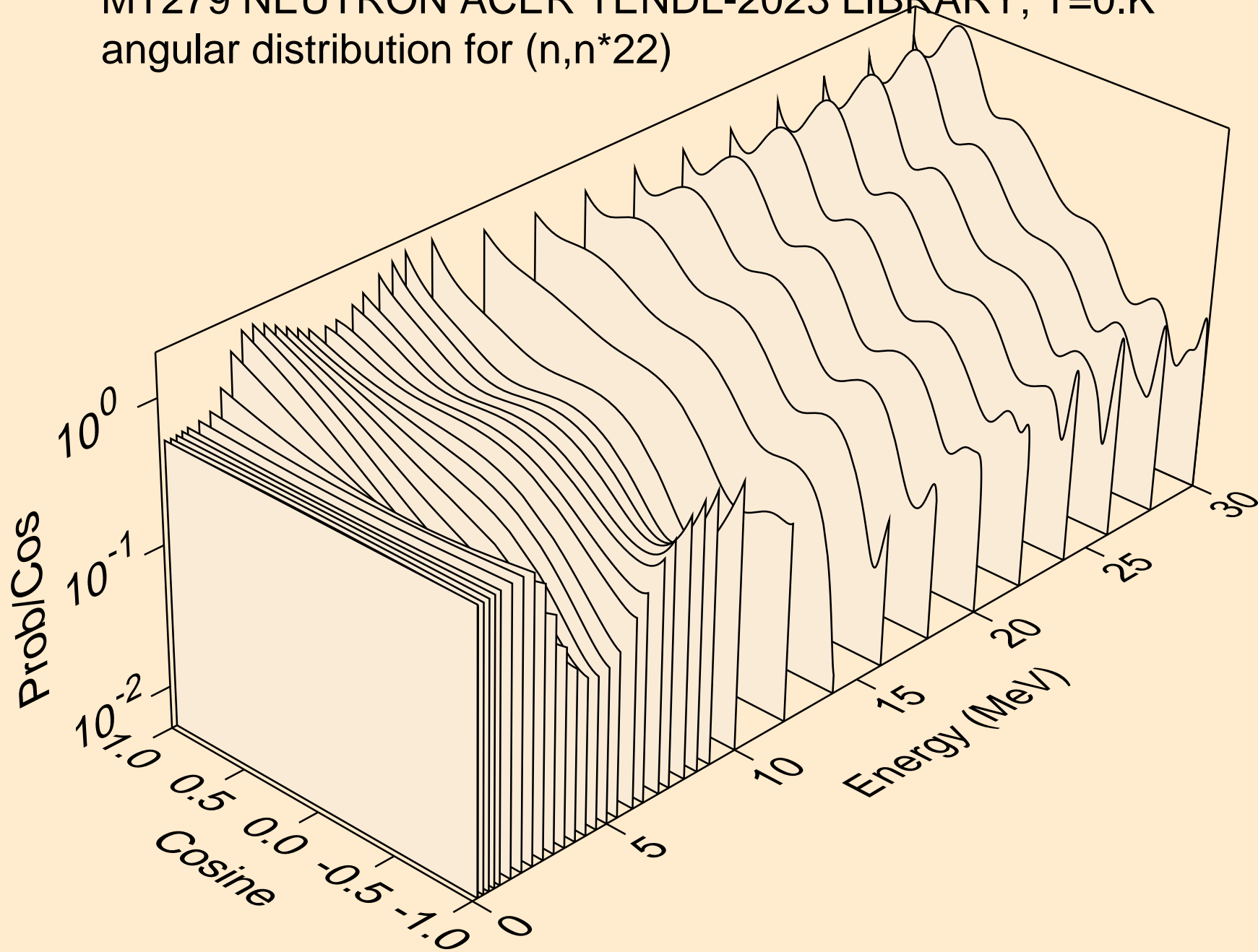
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angular distribution for (n,n\*20)



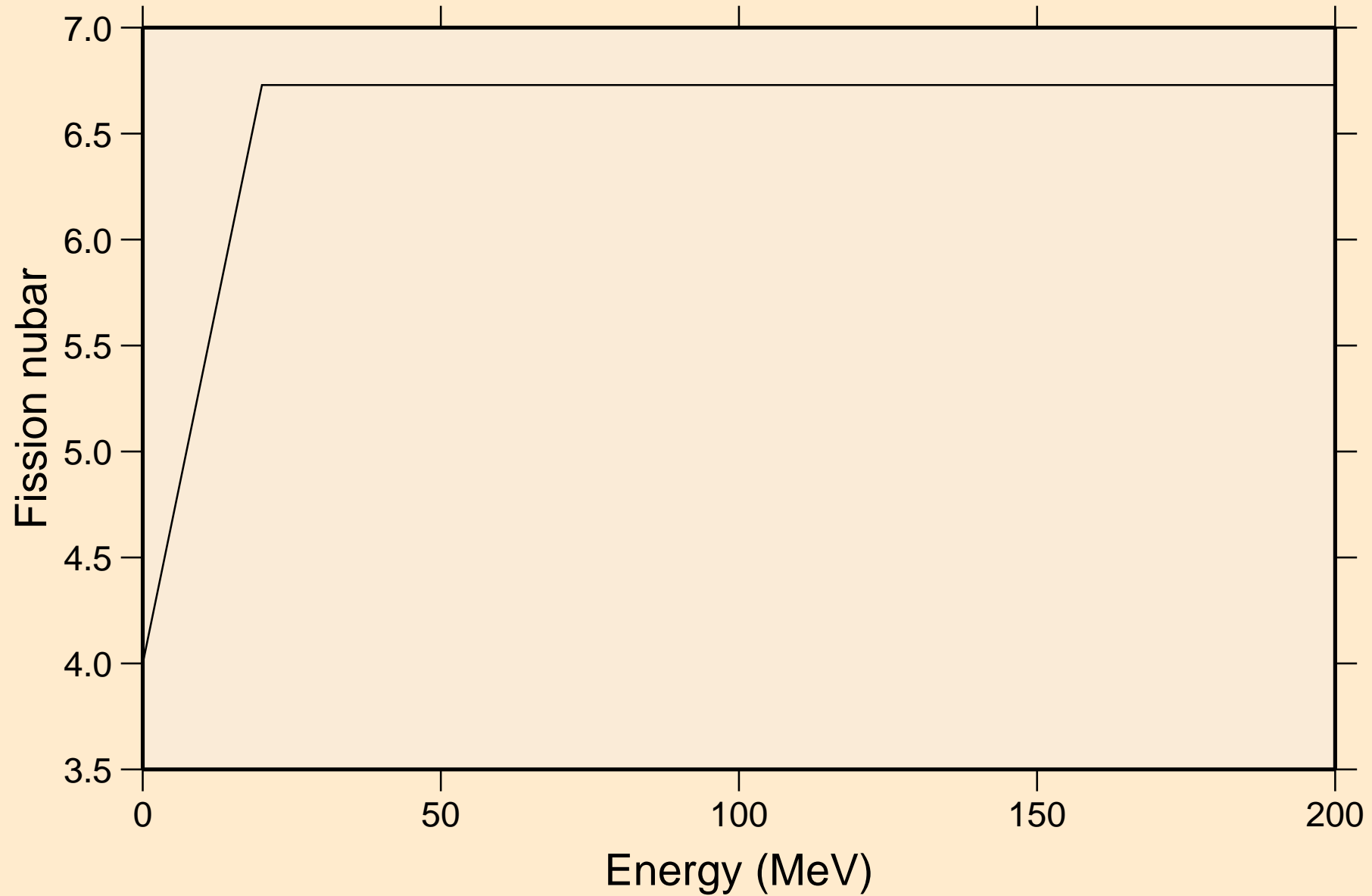
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angular distribution for (n,n\*21)



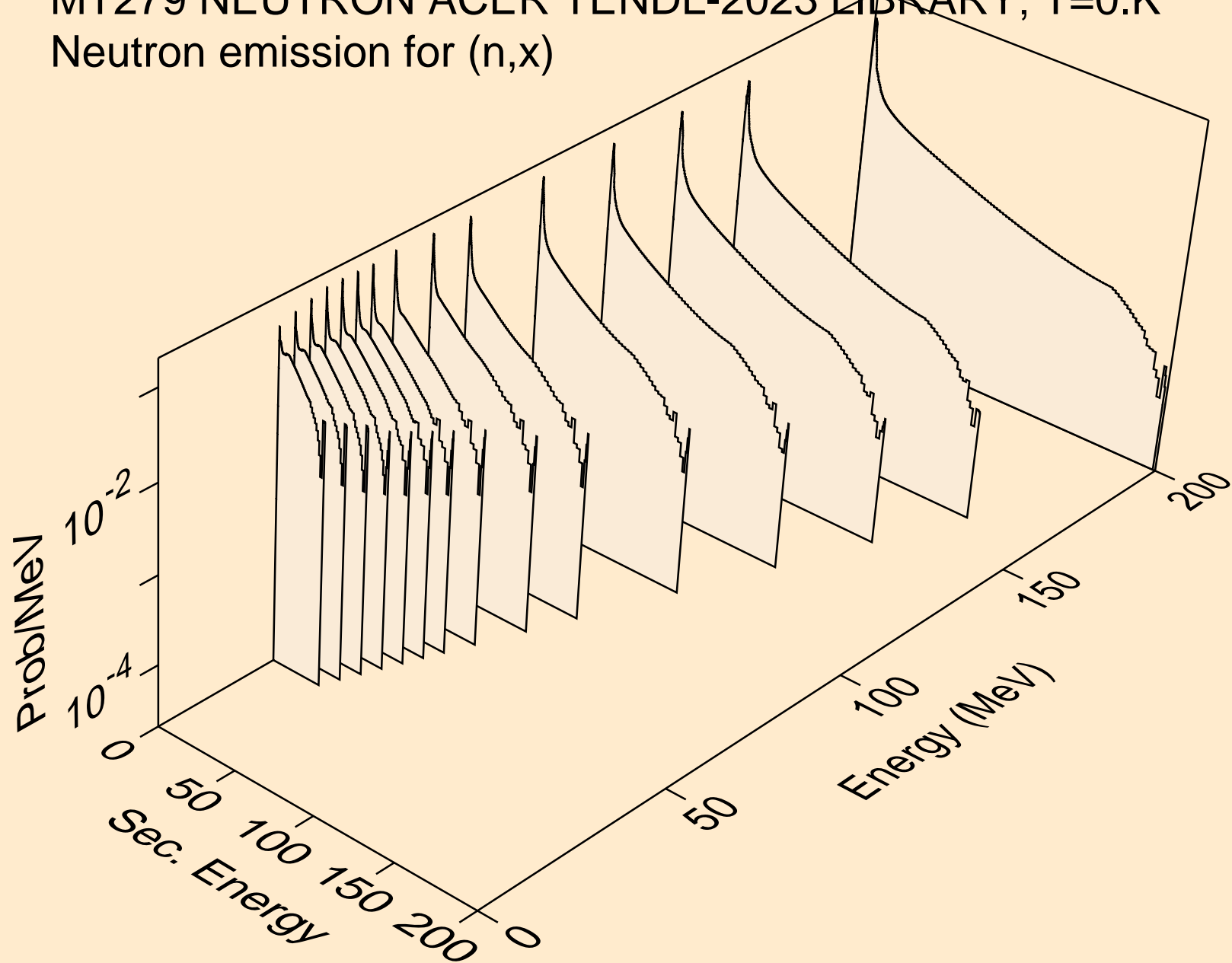
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angular distribution for (n,n\*22)



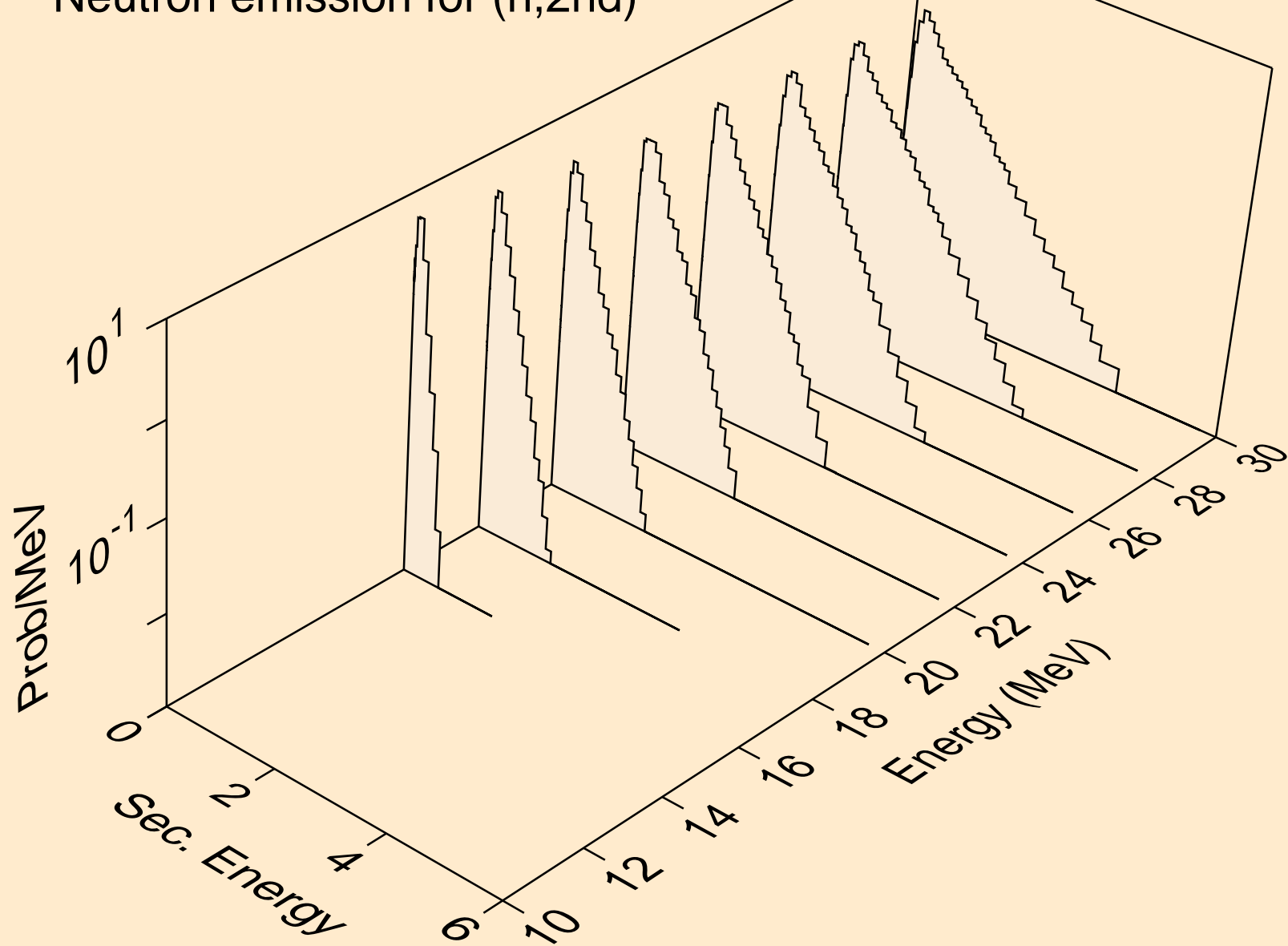
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Total fission nubar



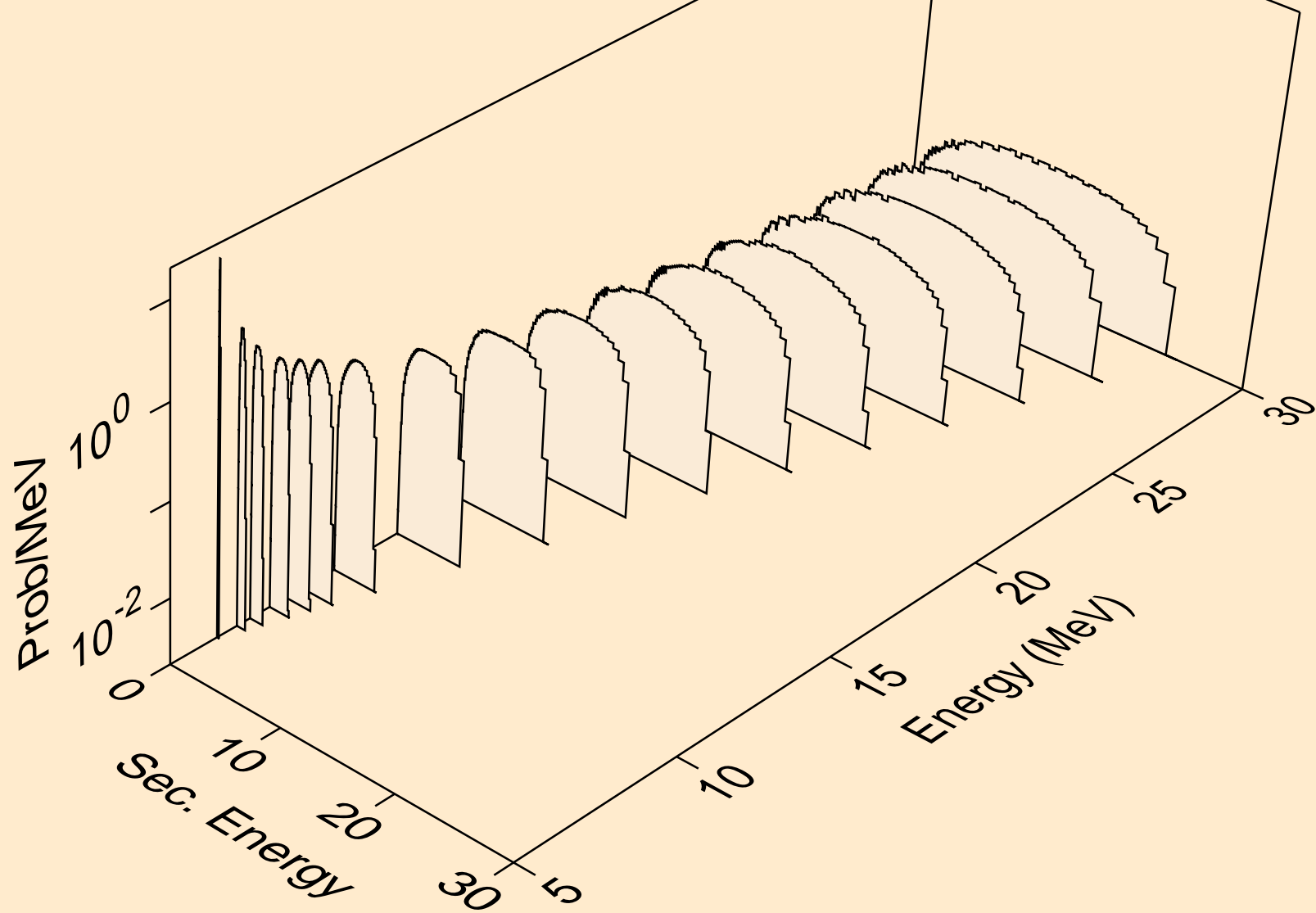
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

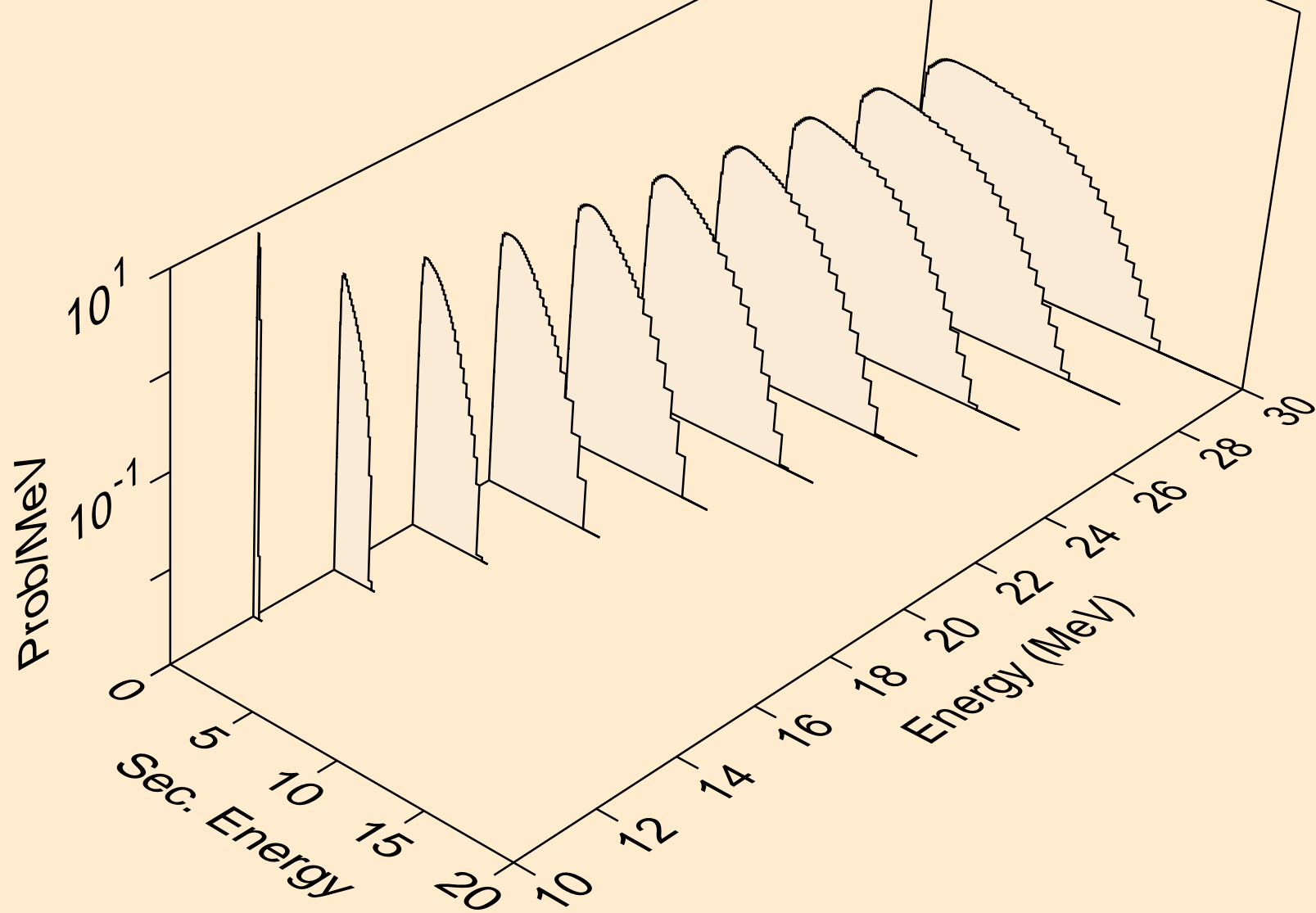


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Neutron emission for (n,2n)

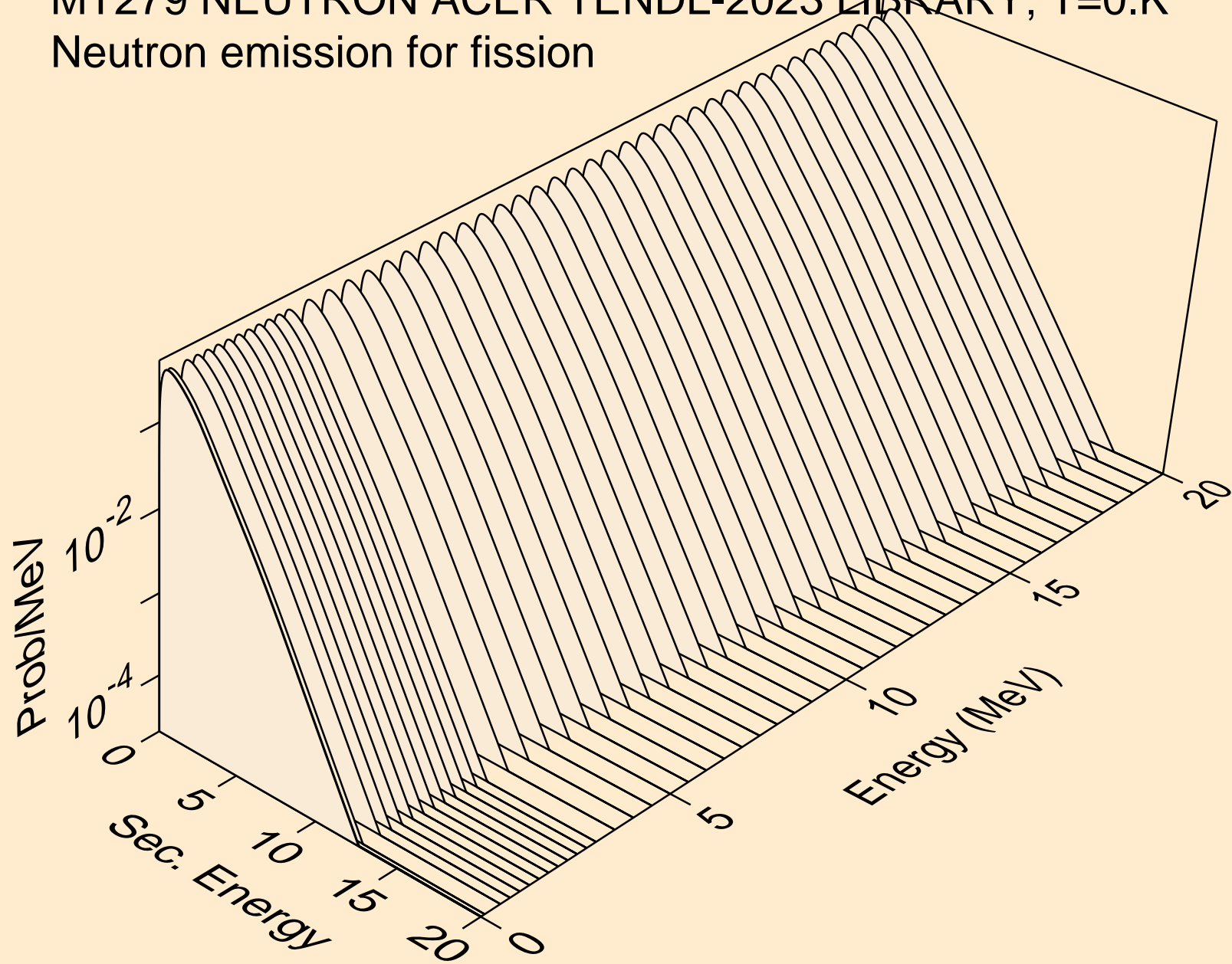




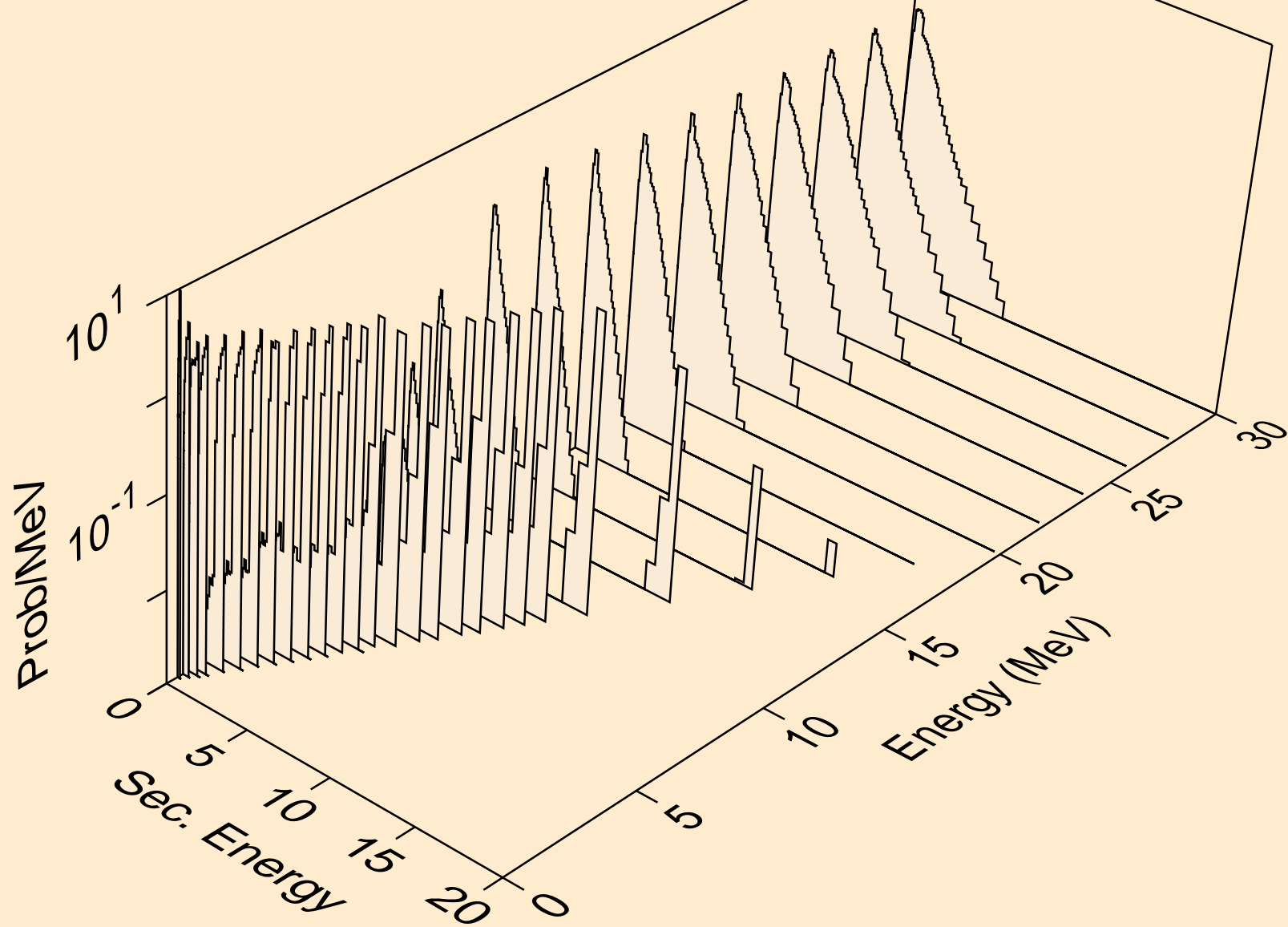
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Neutron emission for (n,3n)



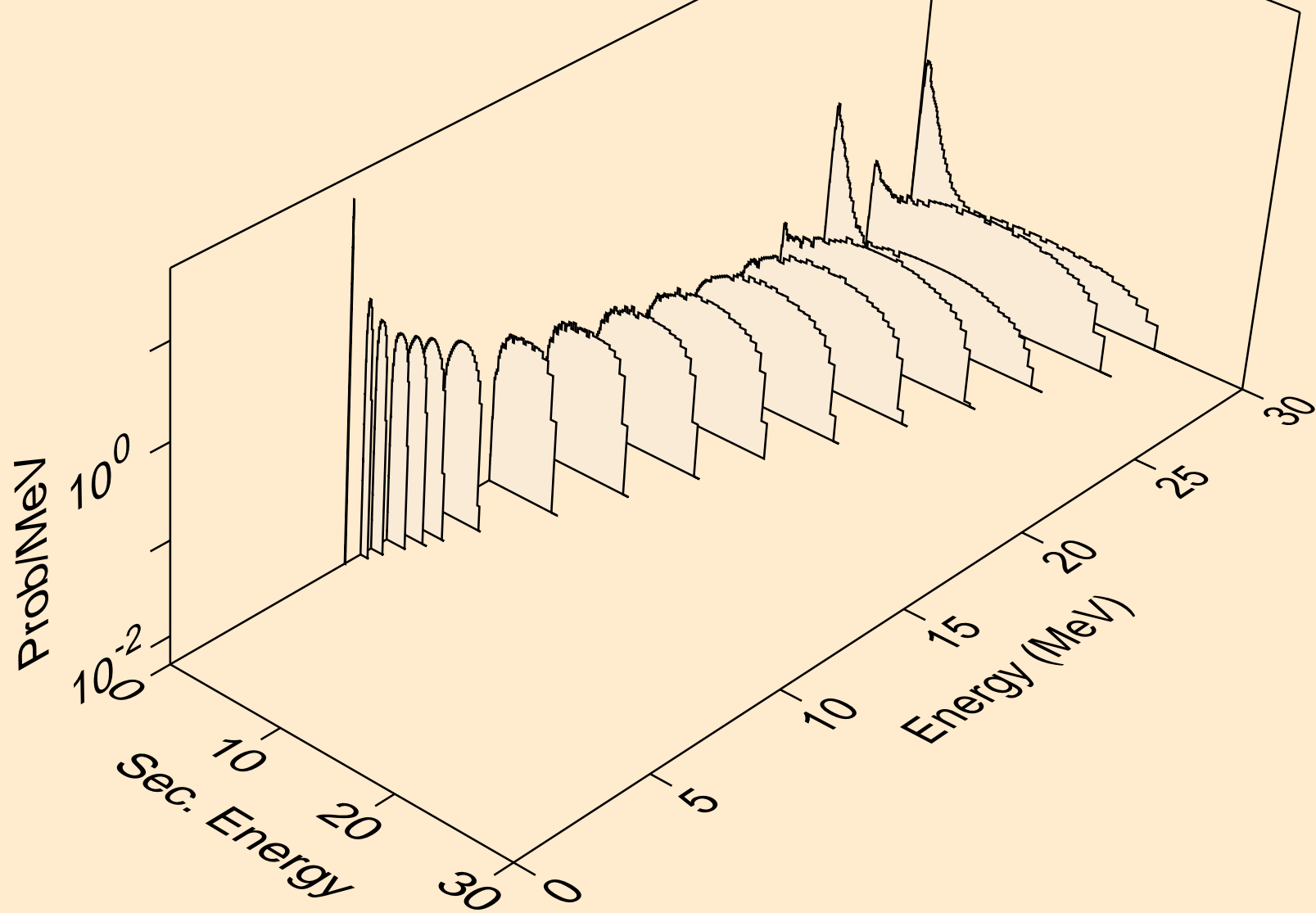
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Neutron emission for fission



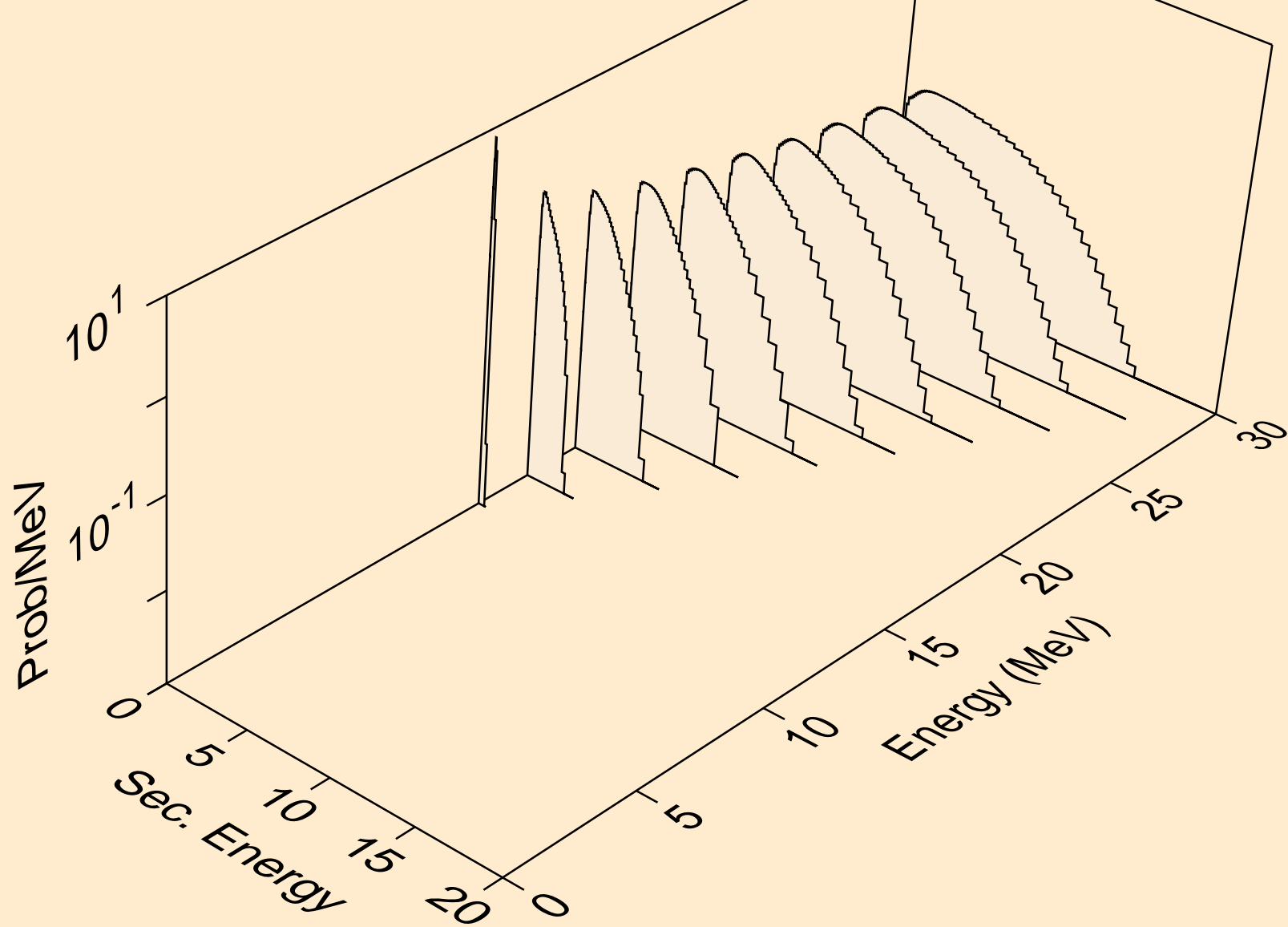
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Neutron emission for (n,n\*)a



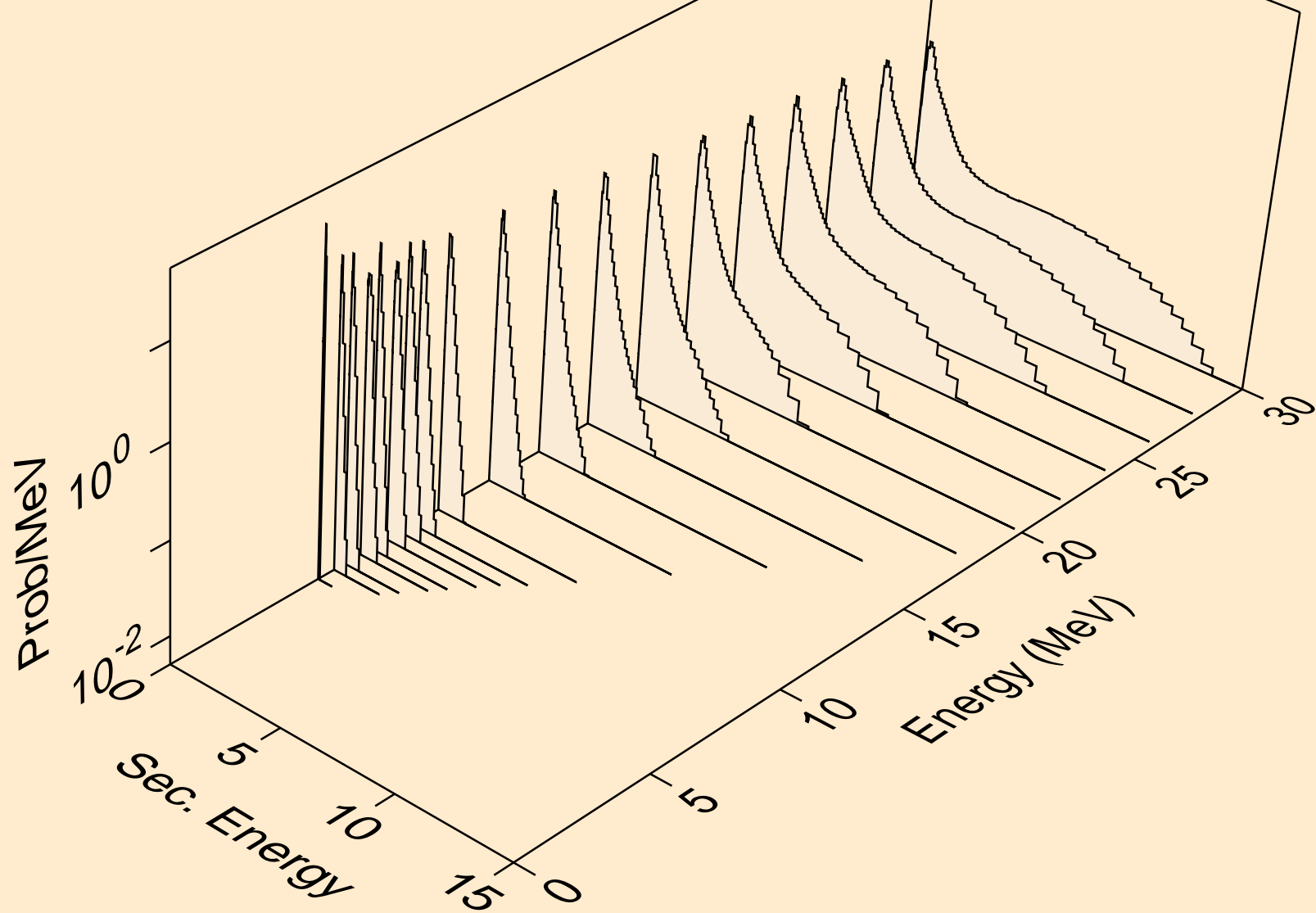
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Neutron emission for (n,2n)a



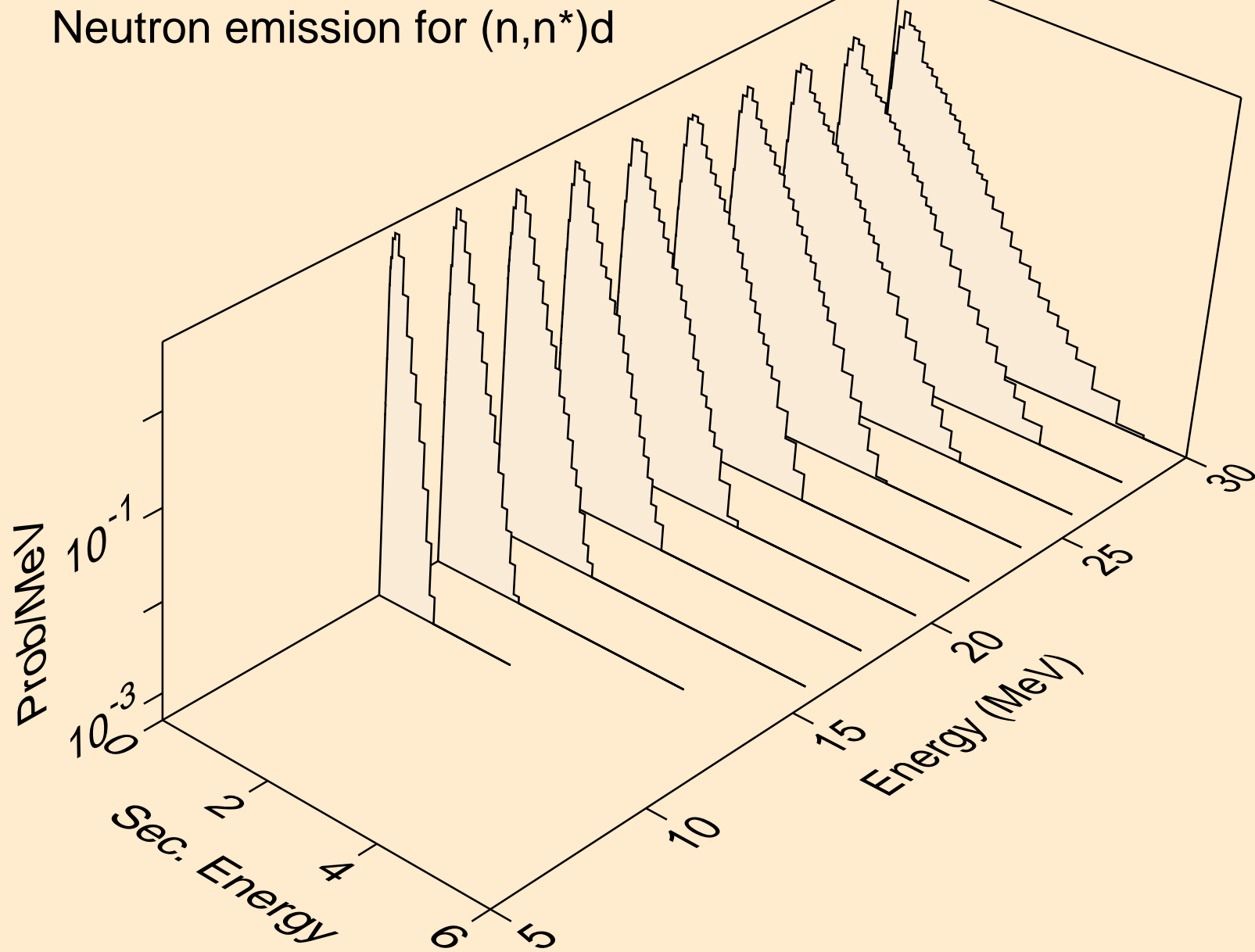
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Neutron emission for (n,3n)a



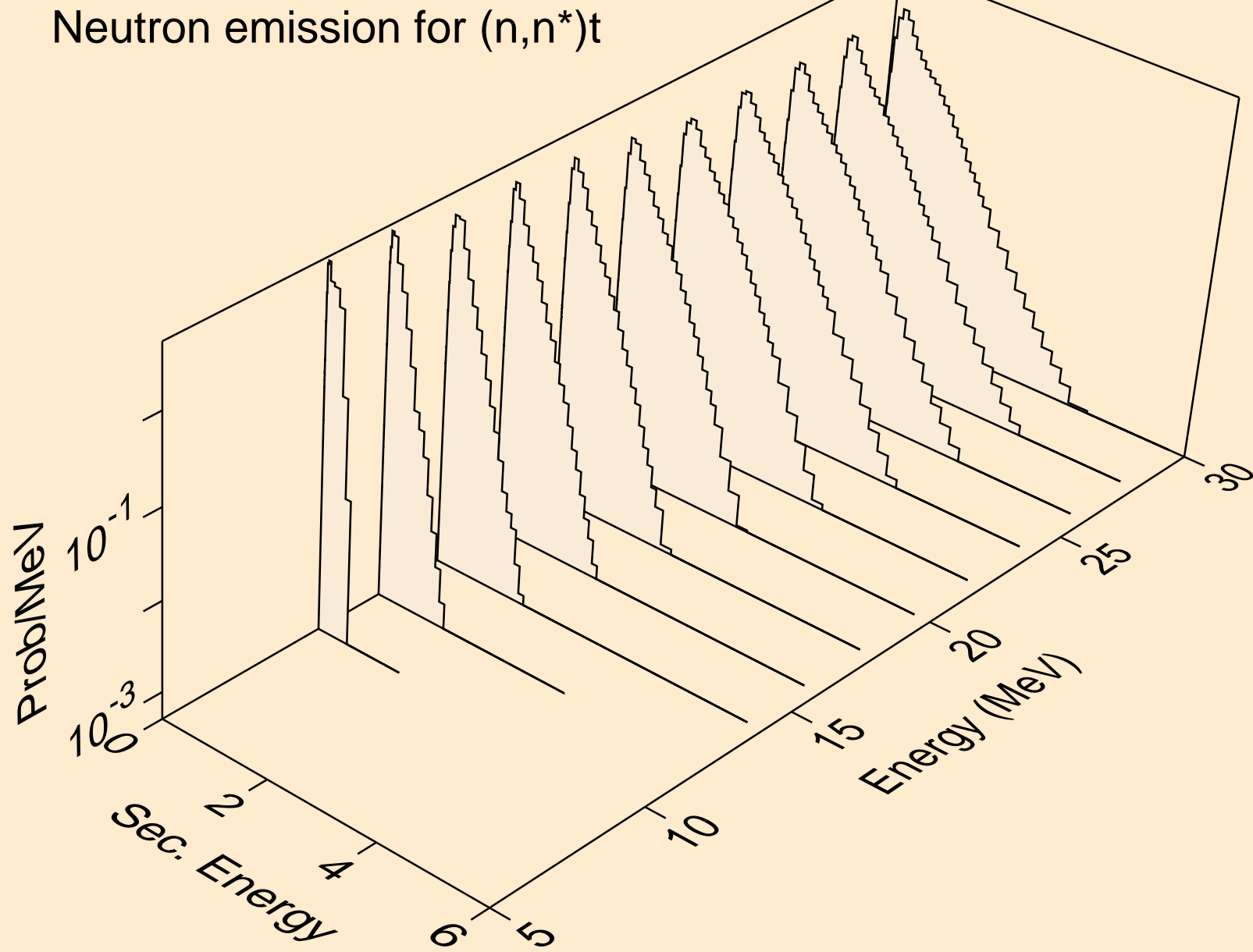
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

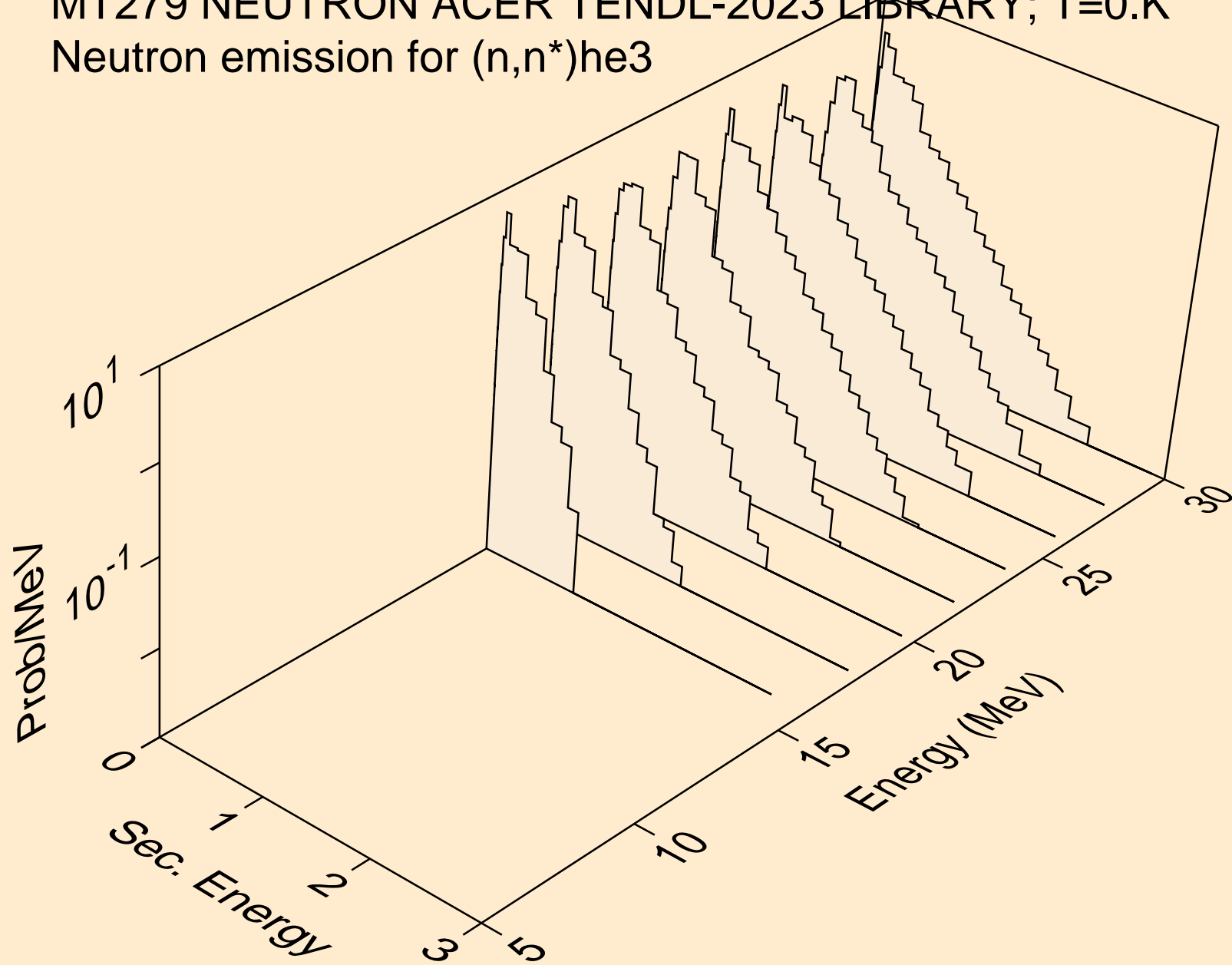


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Neutron emission for (n,n\*)t

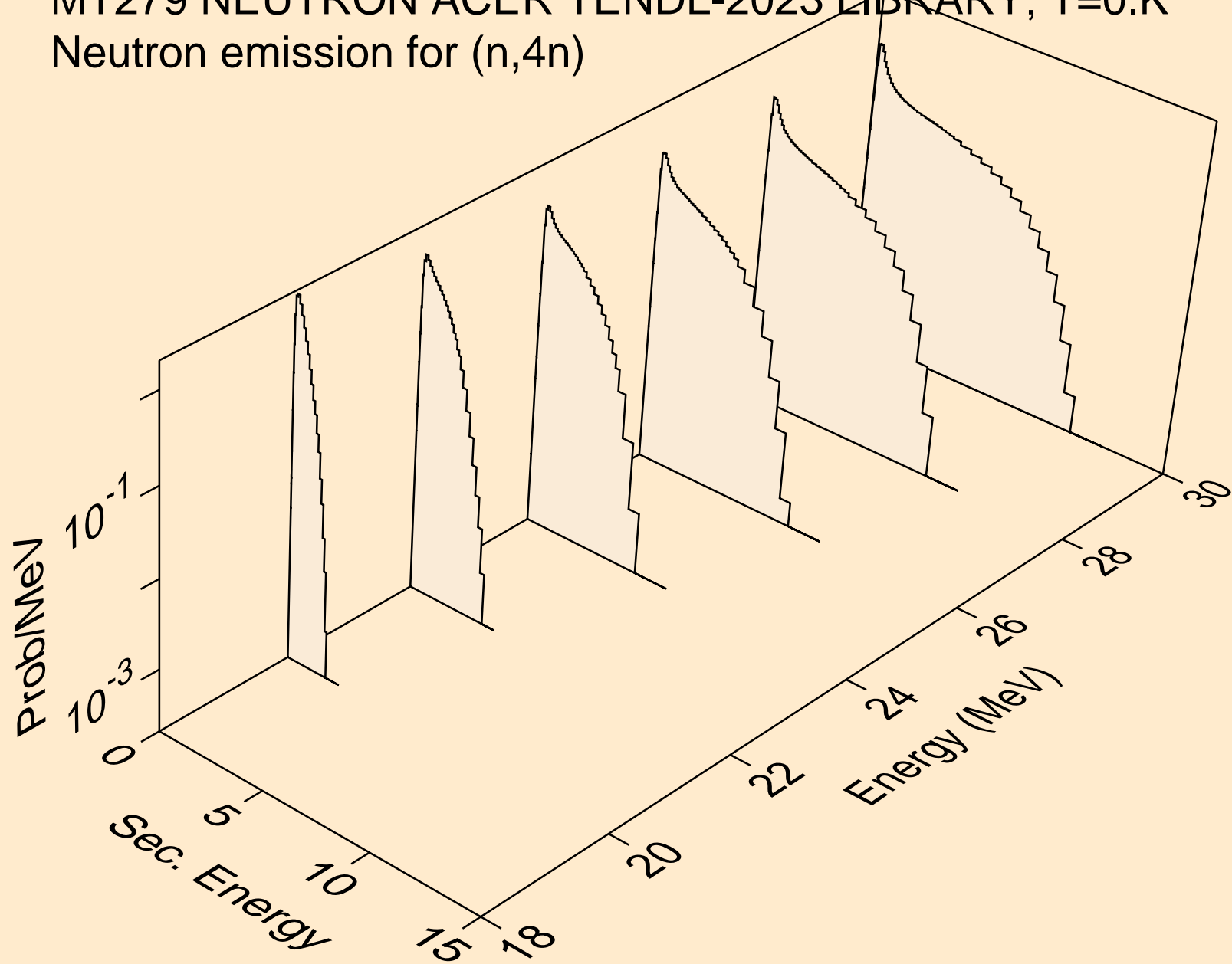




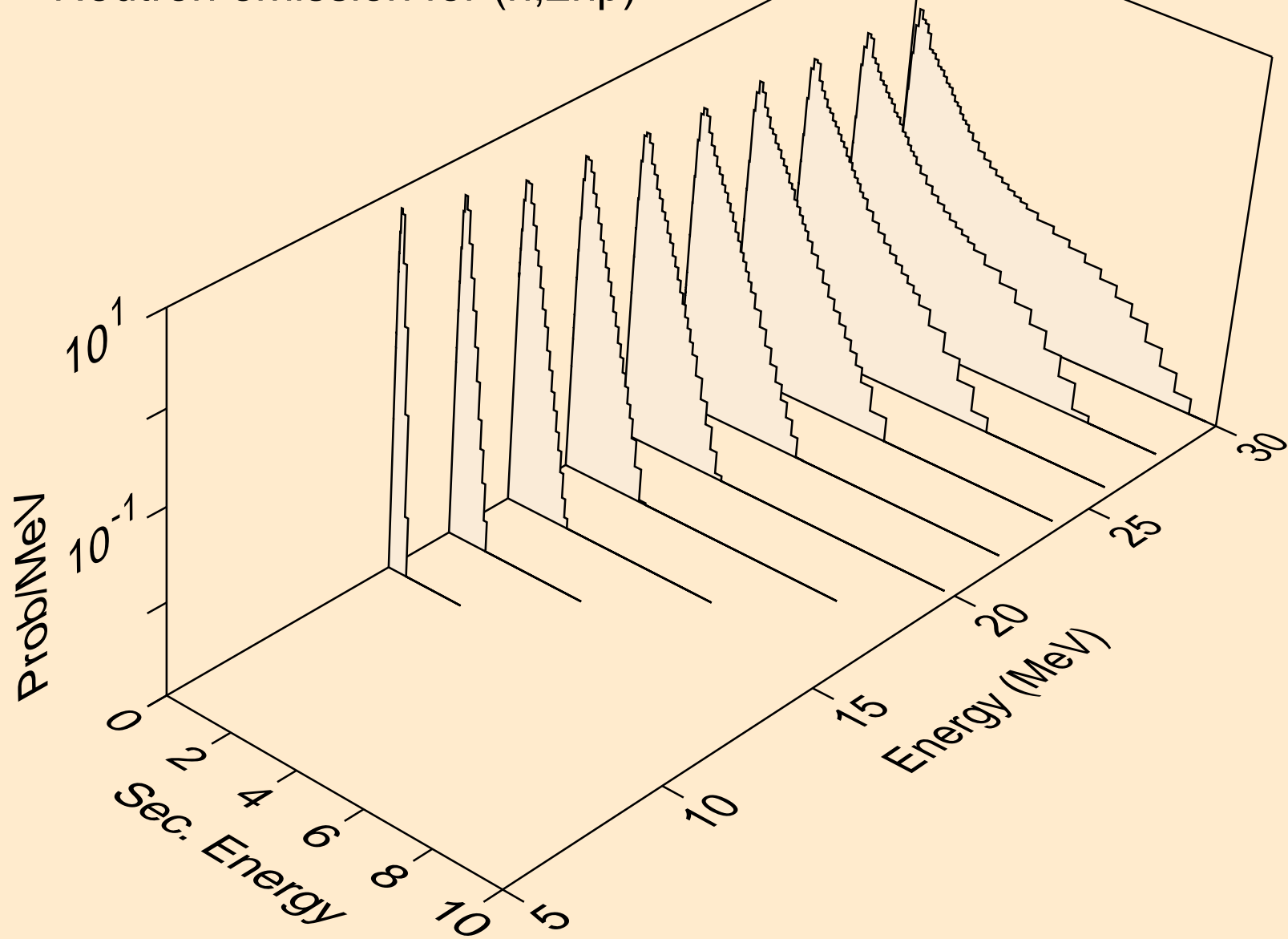
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Neutron emission for (n,n\*)he3



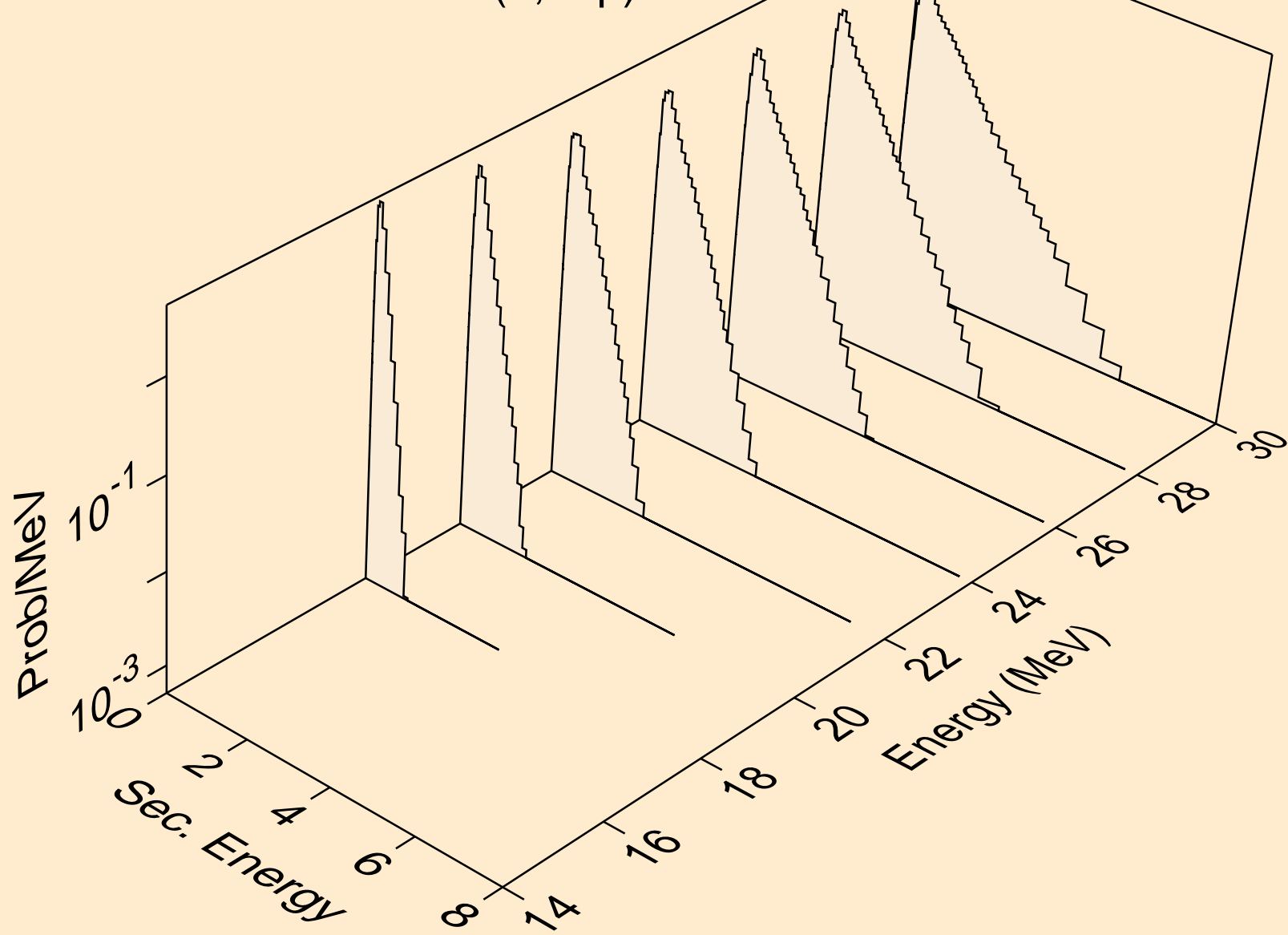
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Neutron emission for (n,4n)



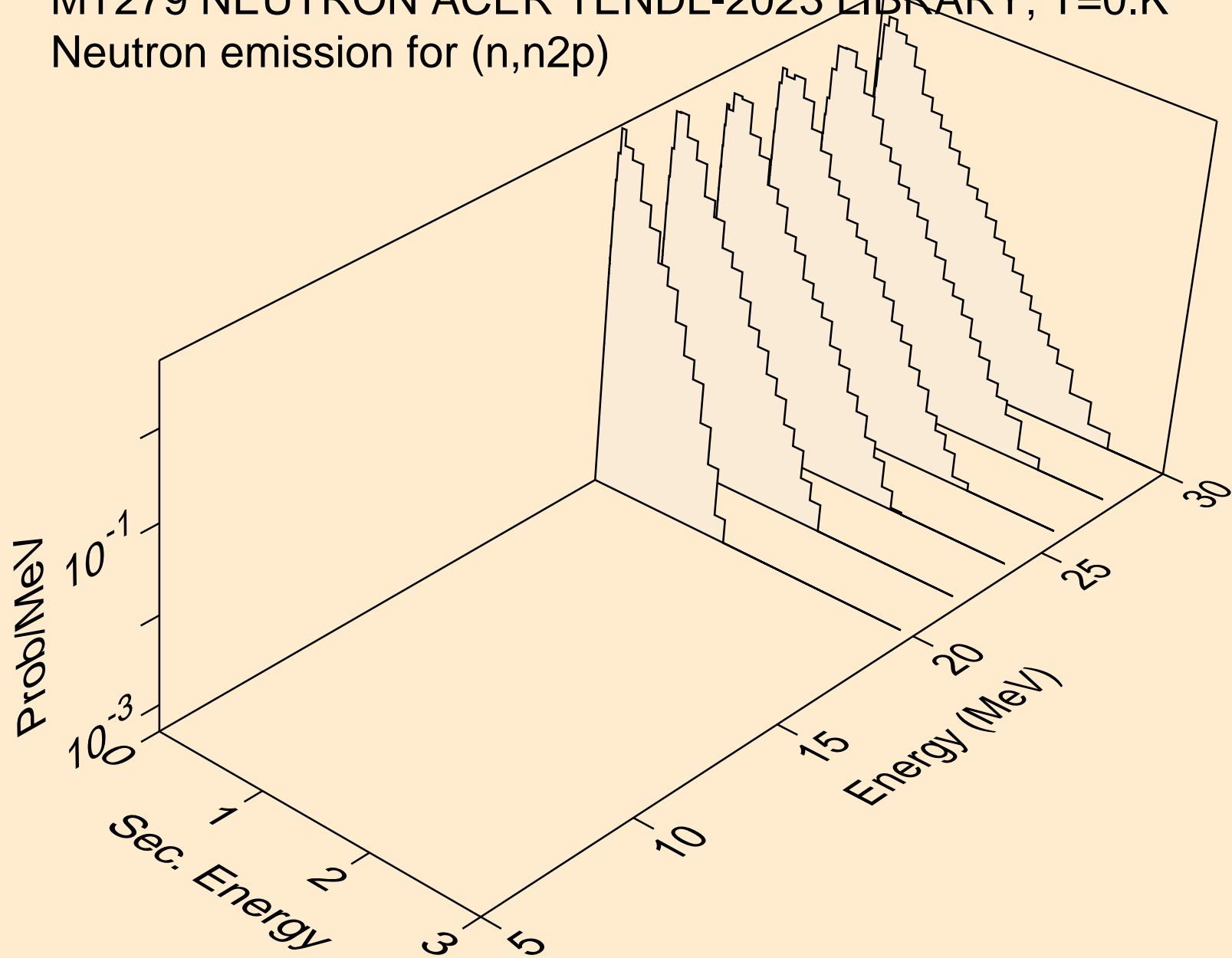
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



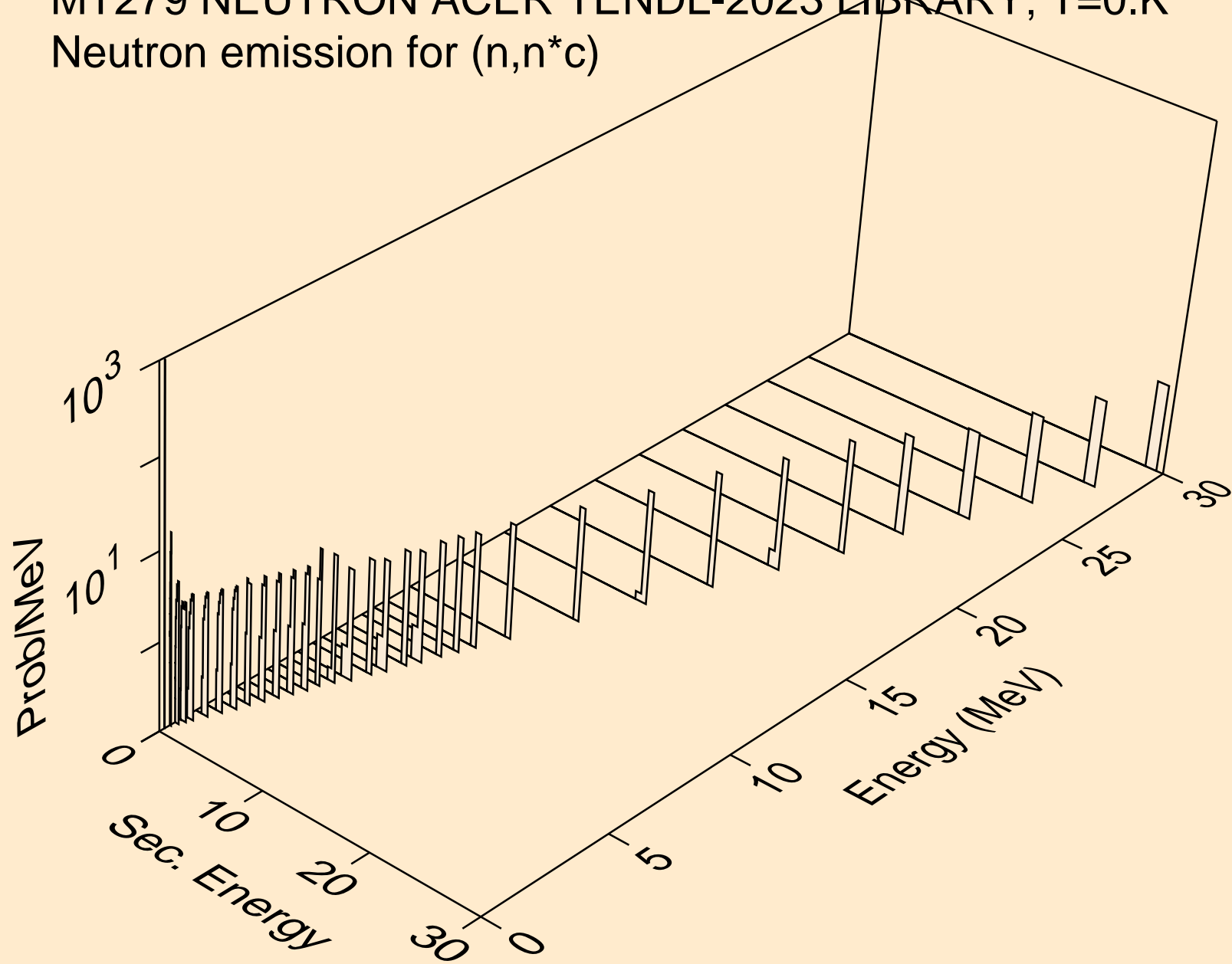
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

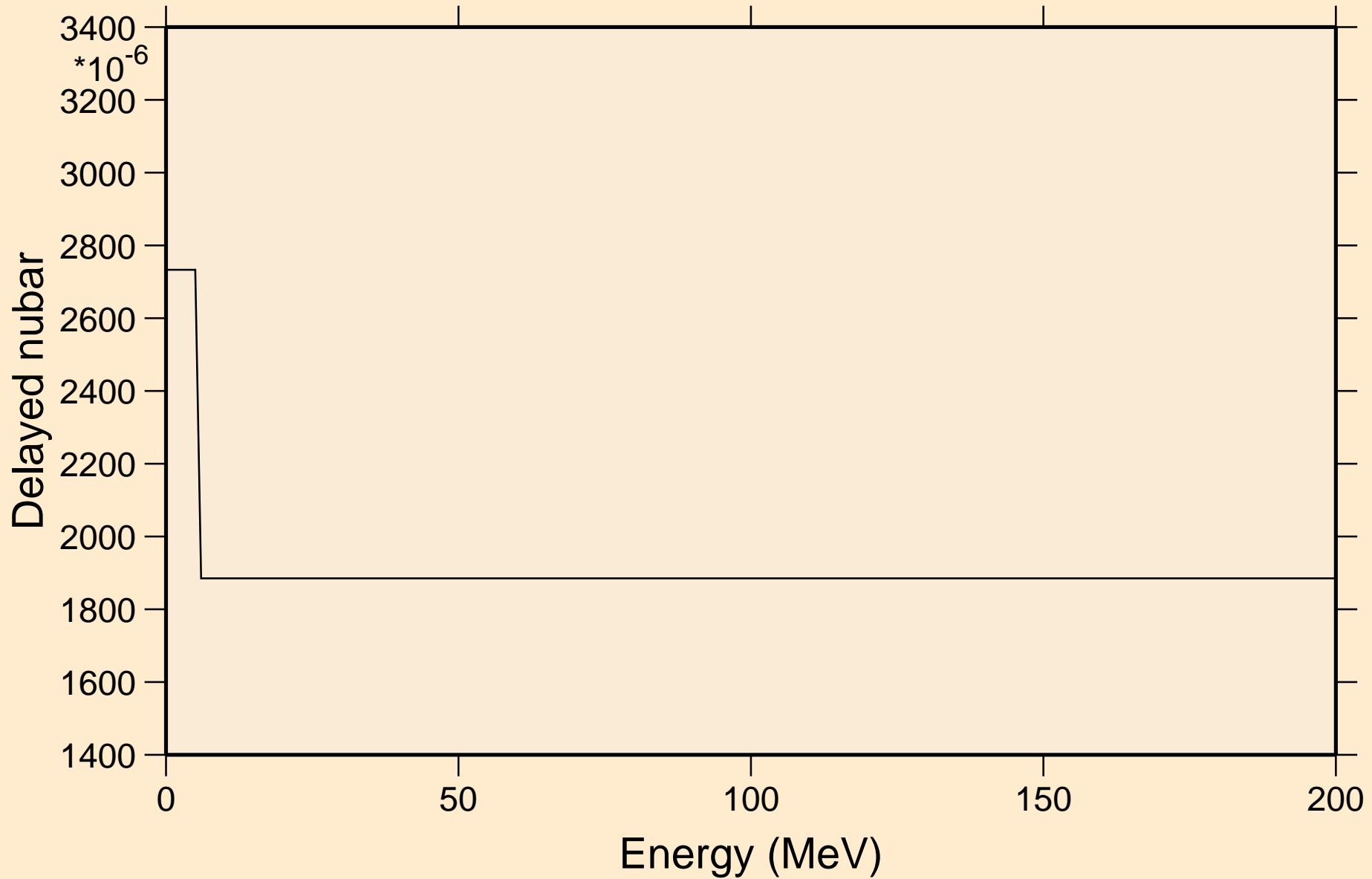


MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



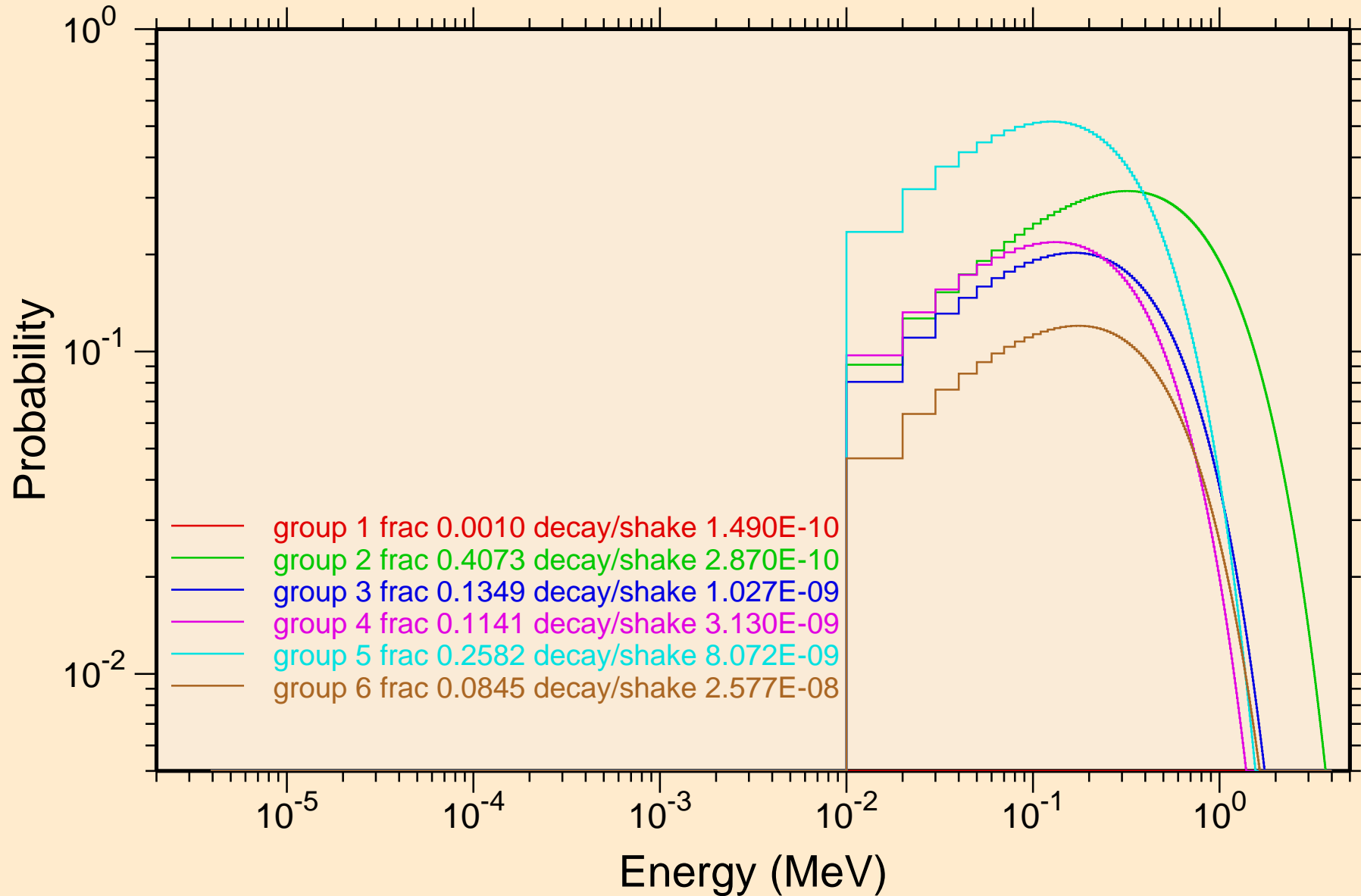
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## Delayed nubar



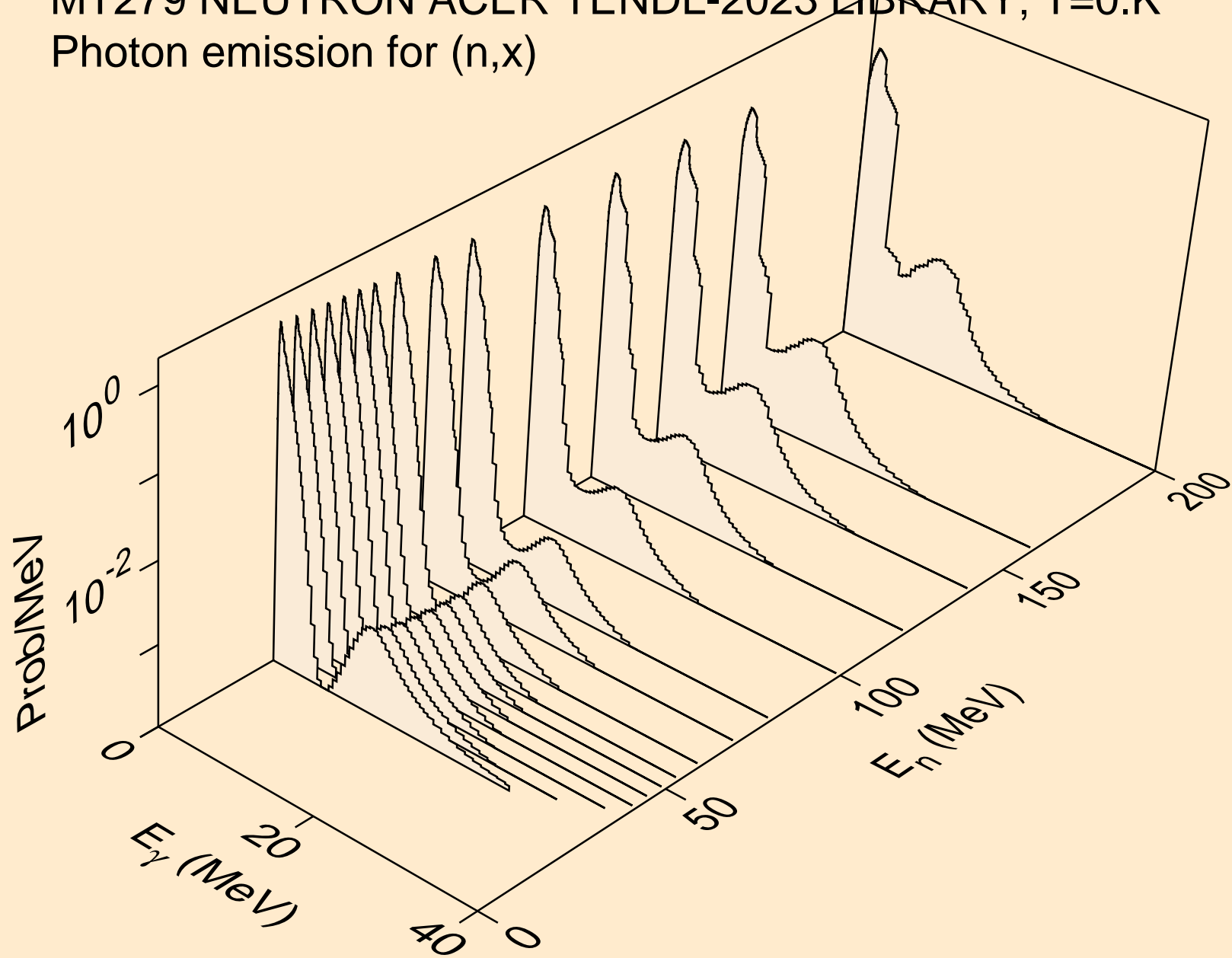
# MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed neutron spectra

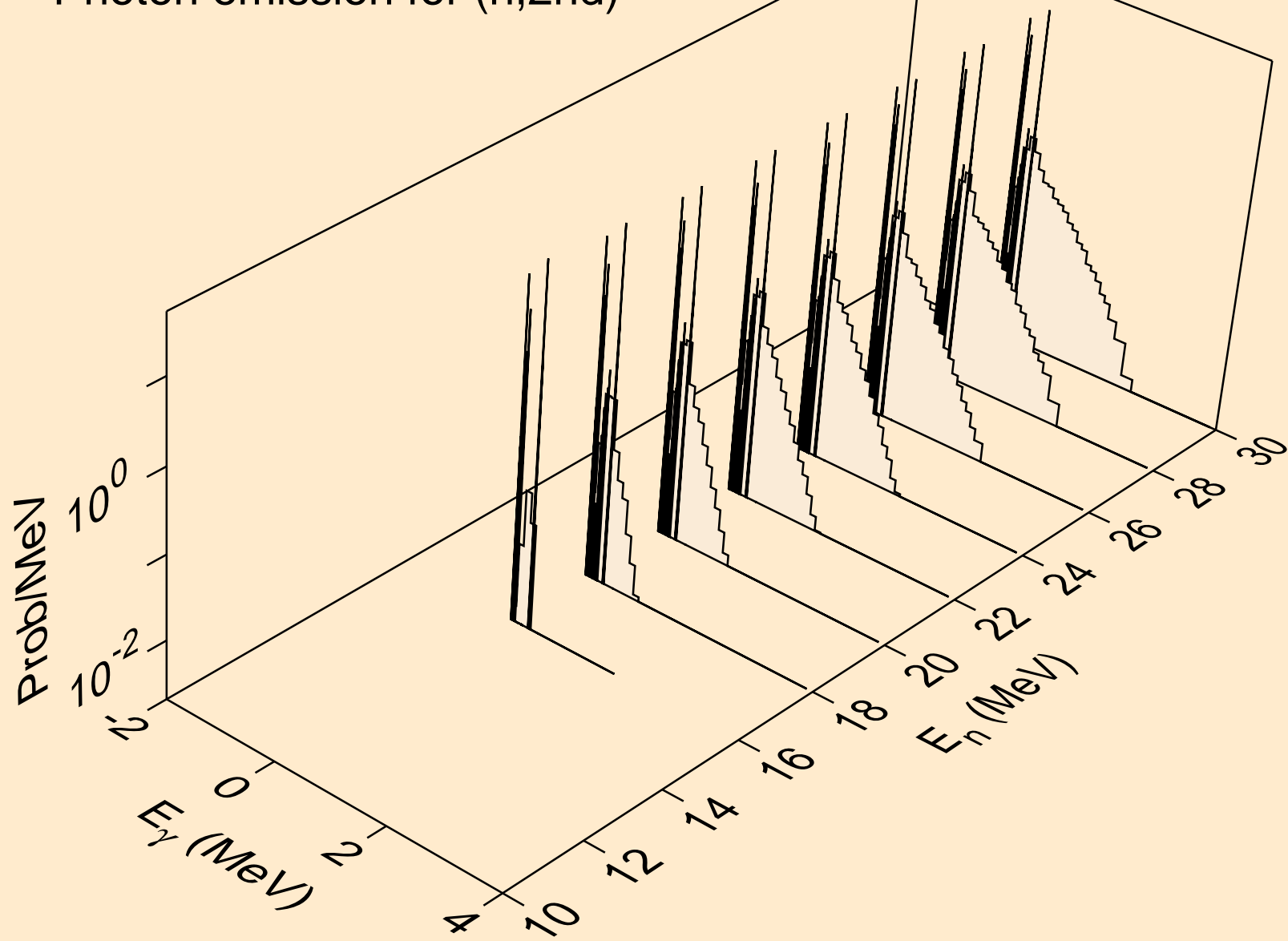




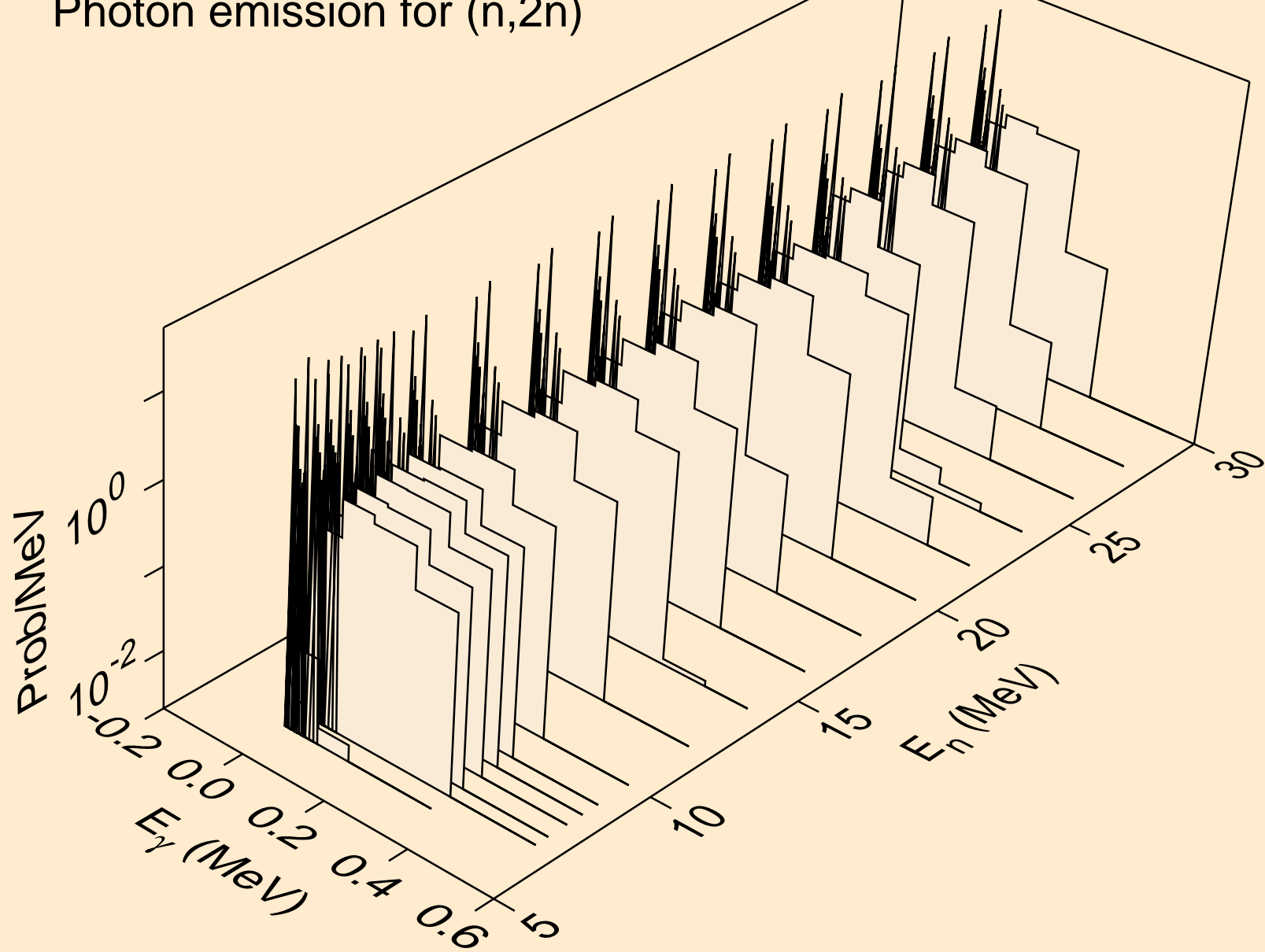
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



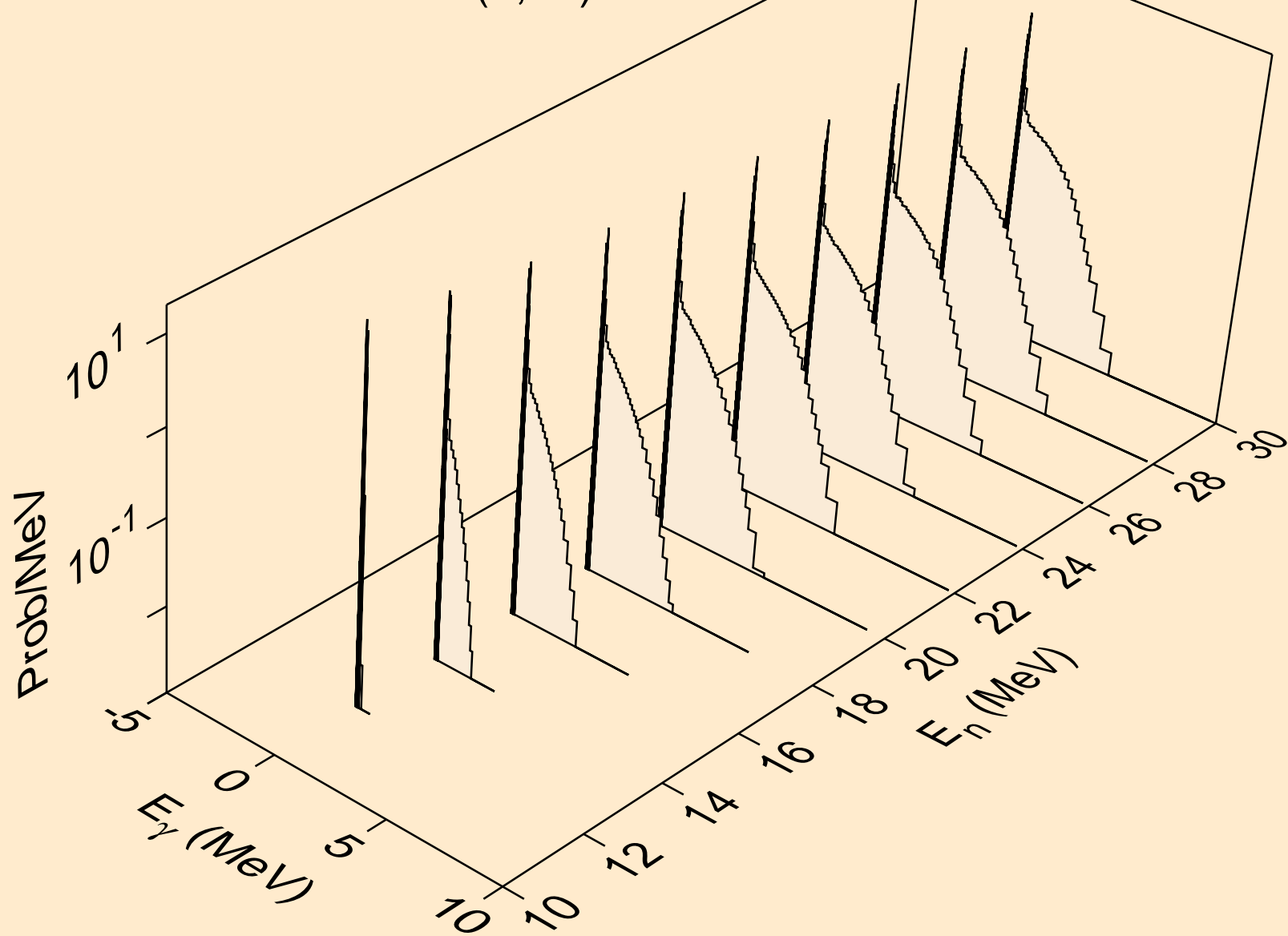
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



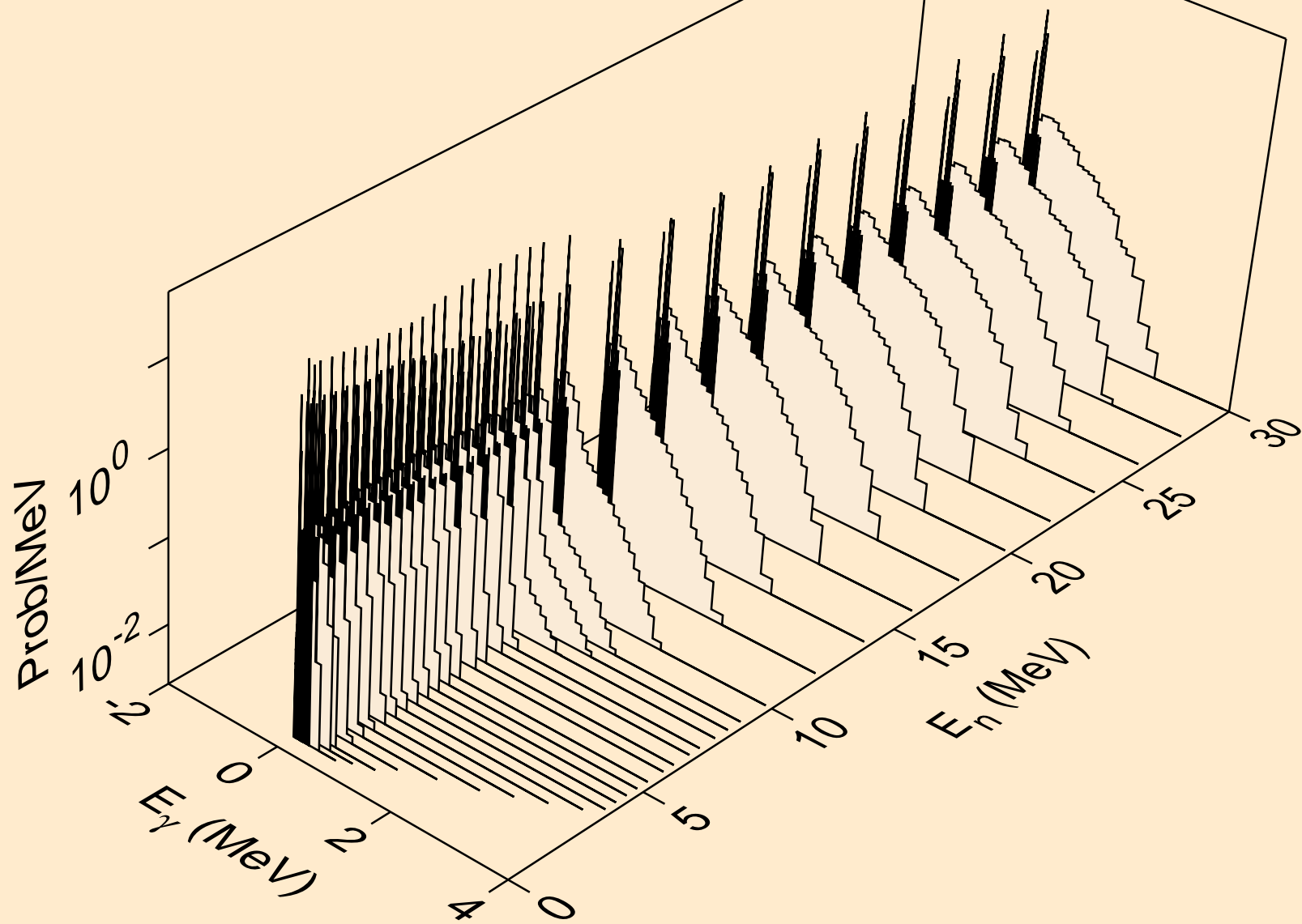
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Photon emission for (n,2n)



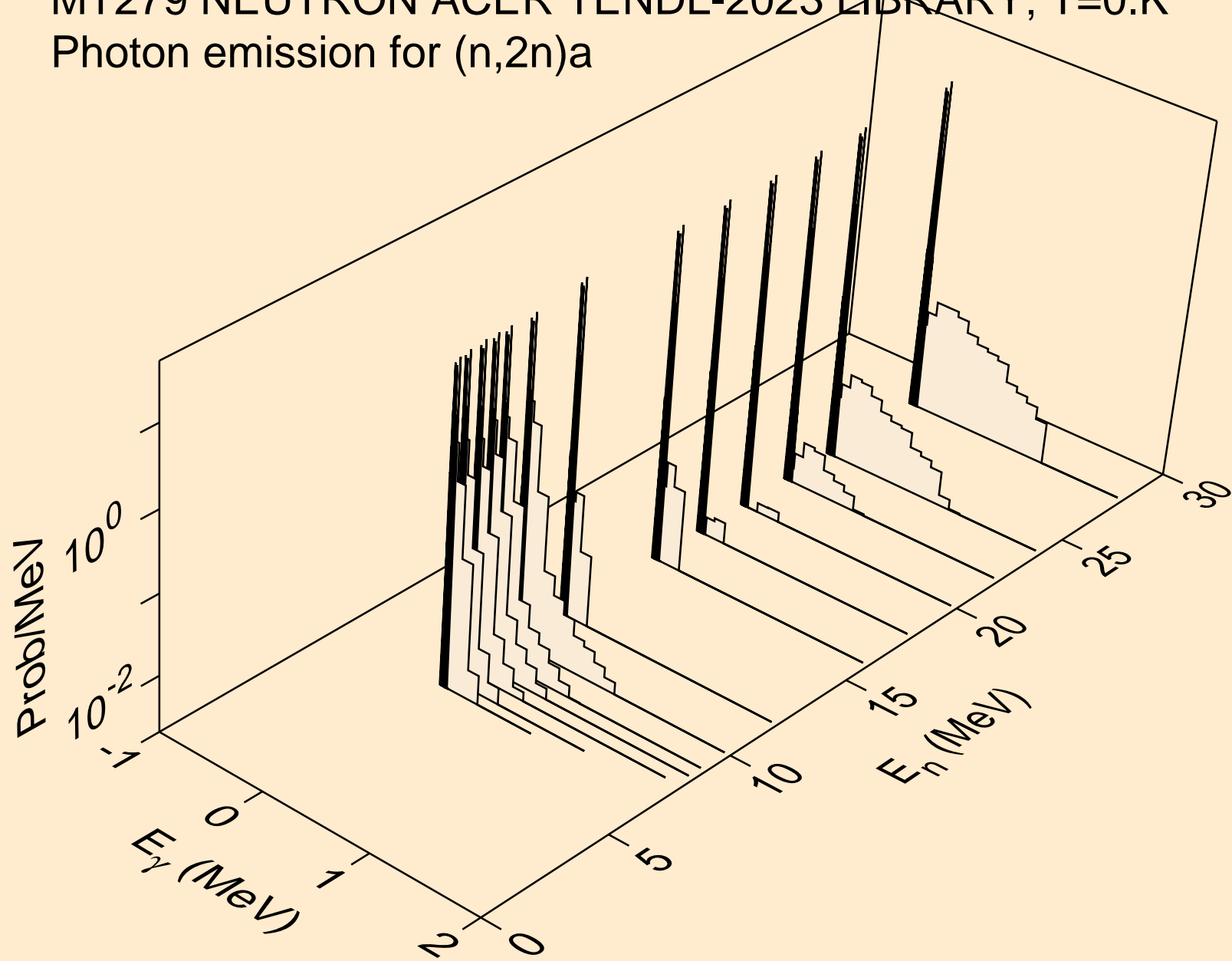
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



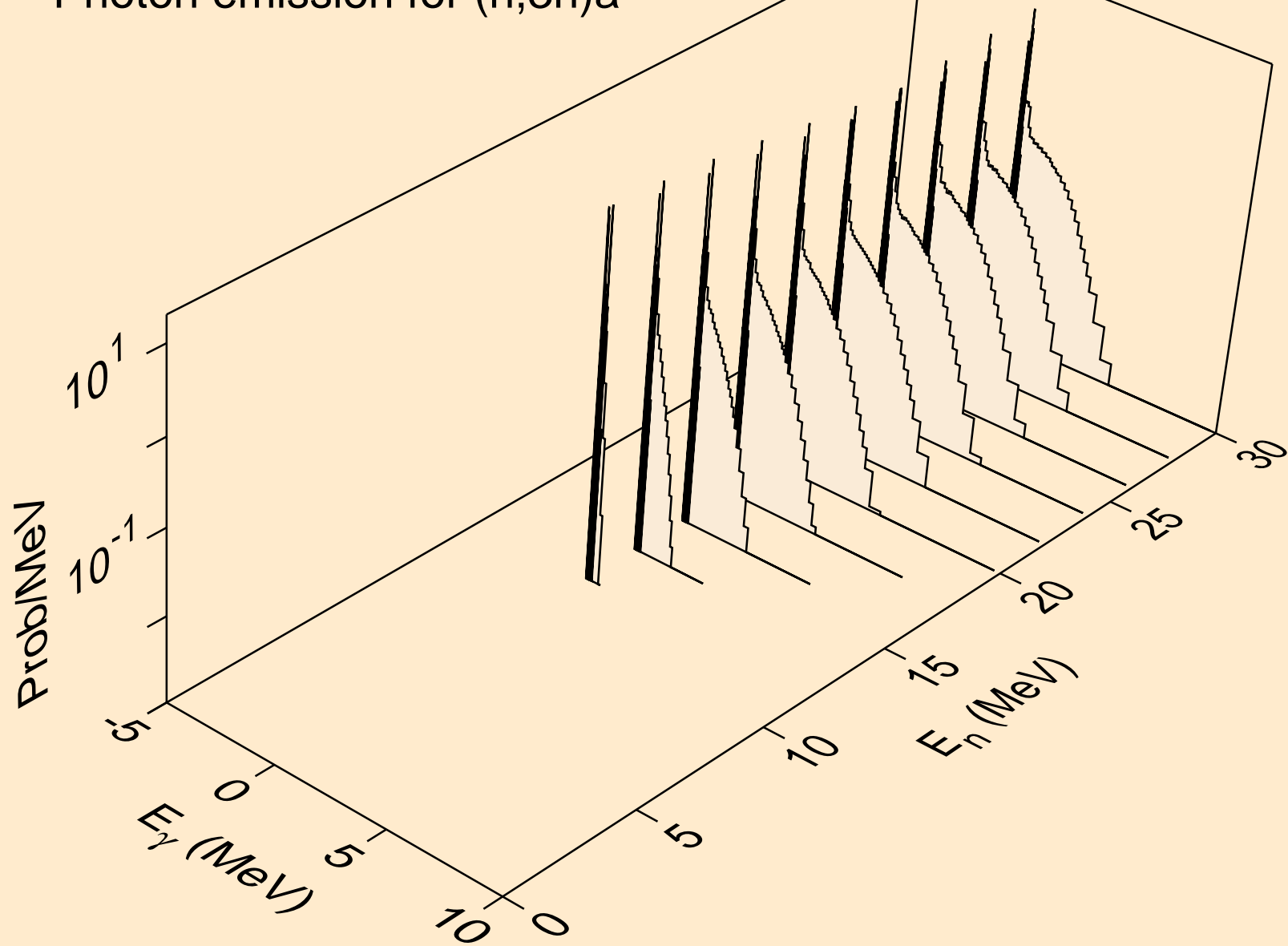
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



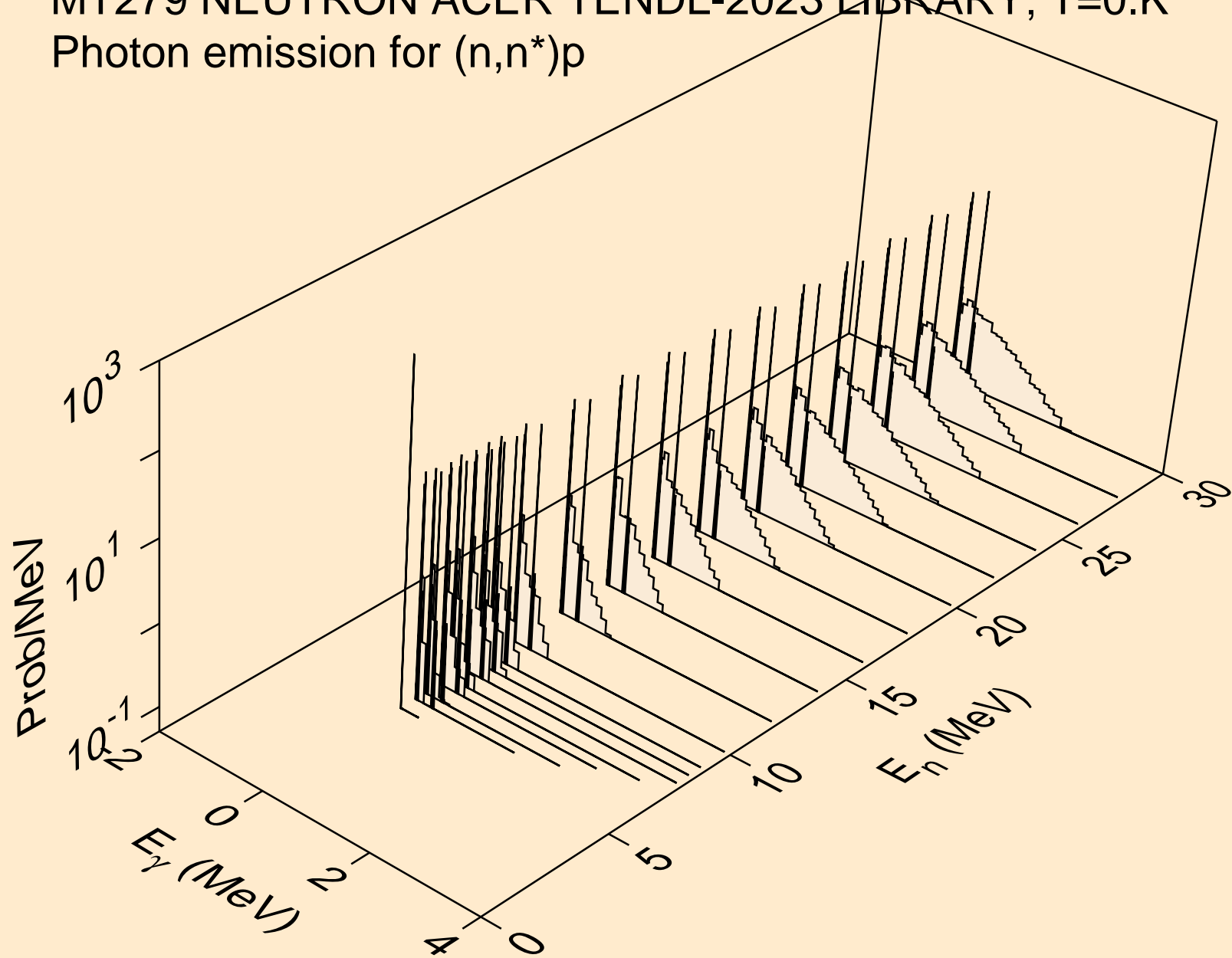
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

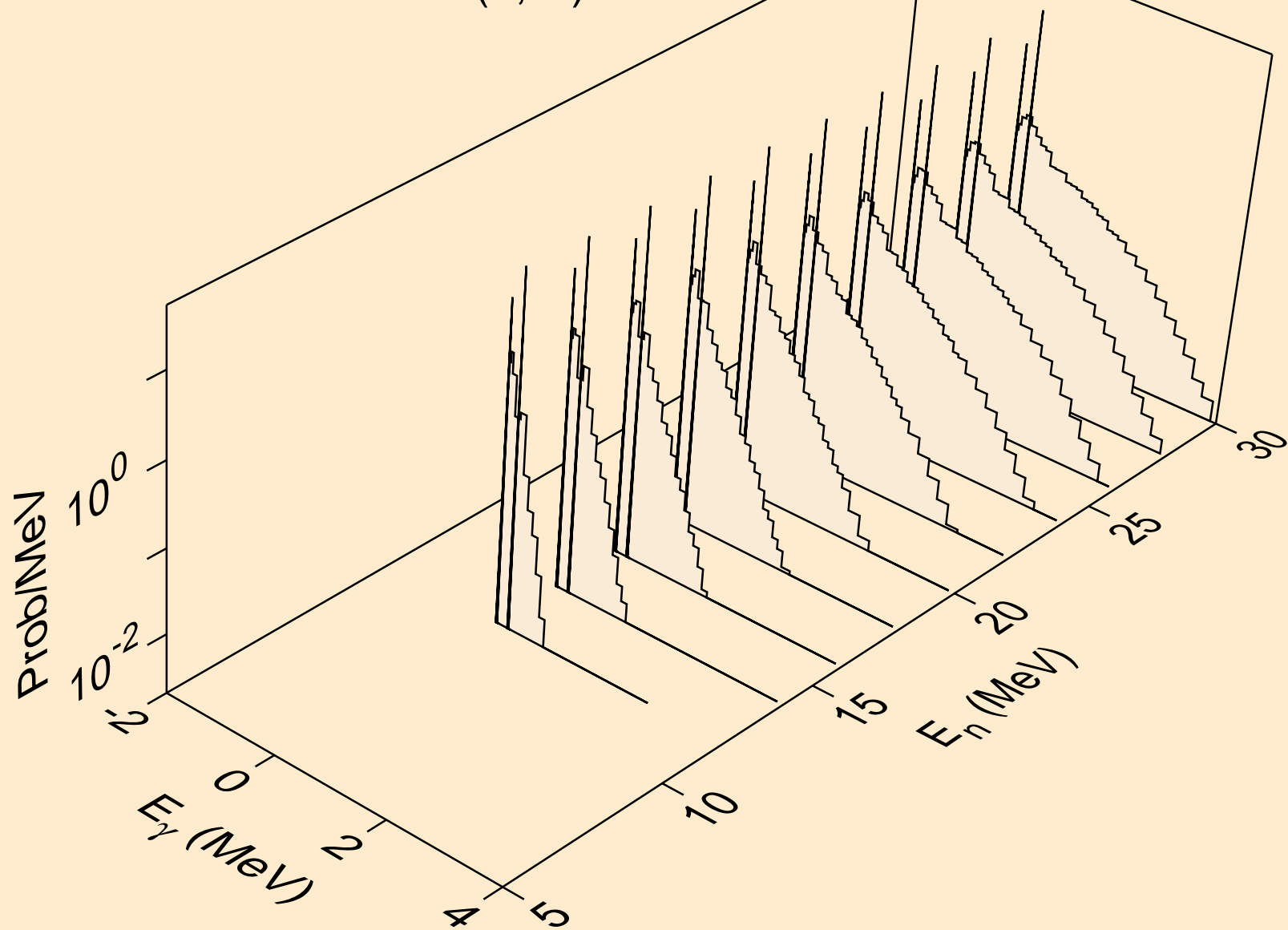


MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

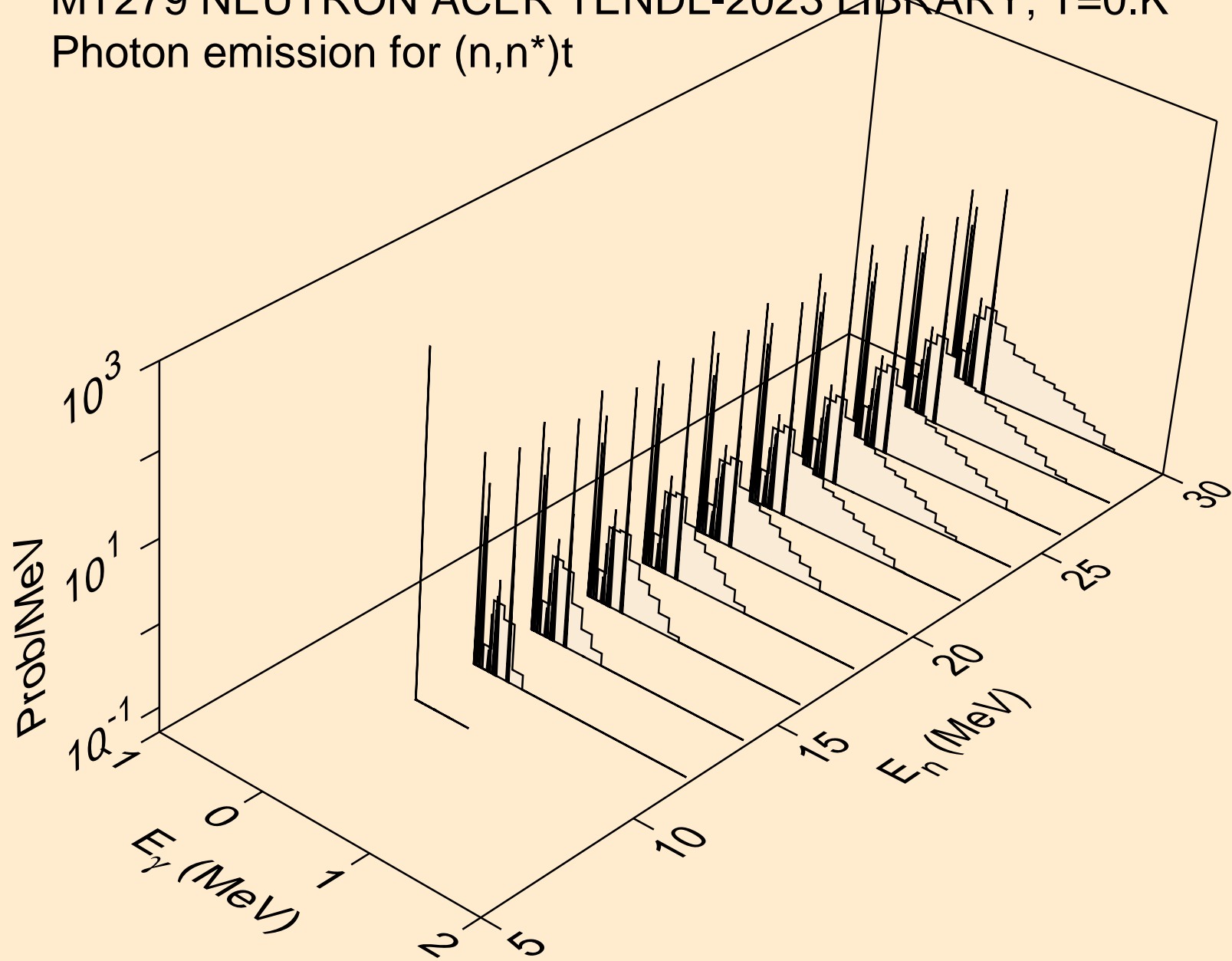




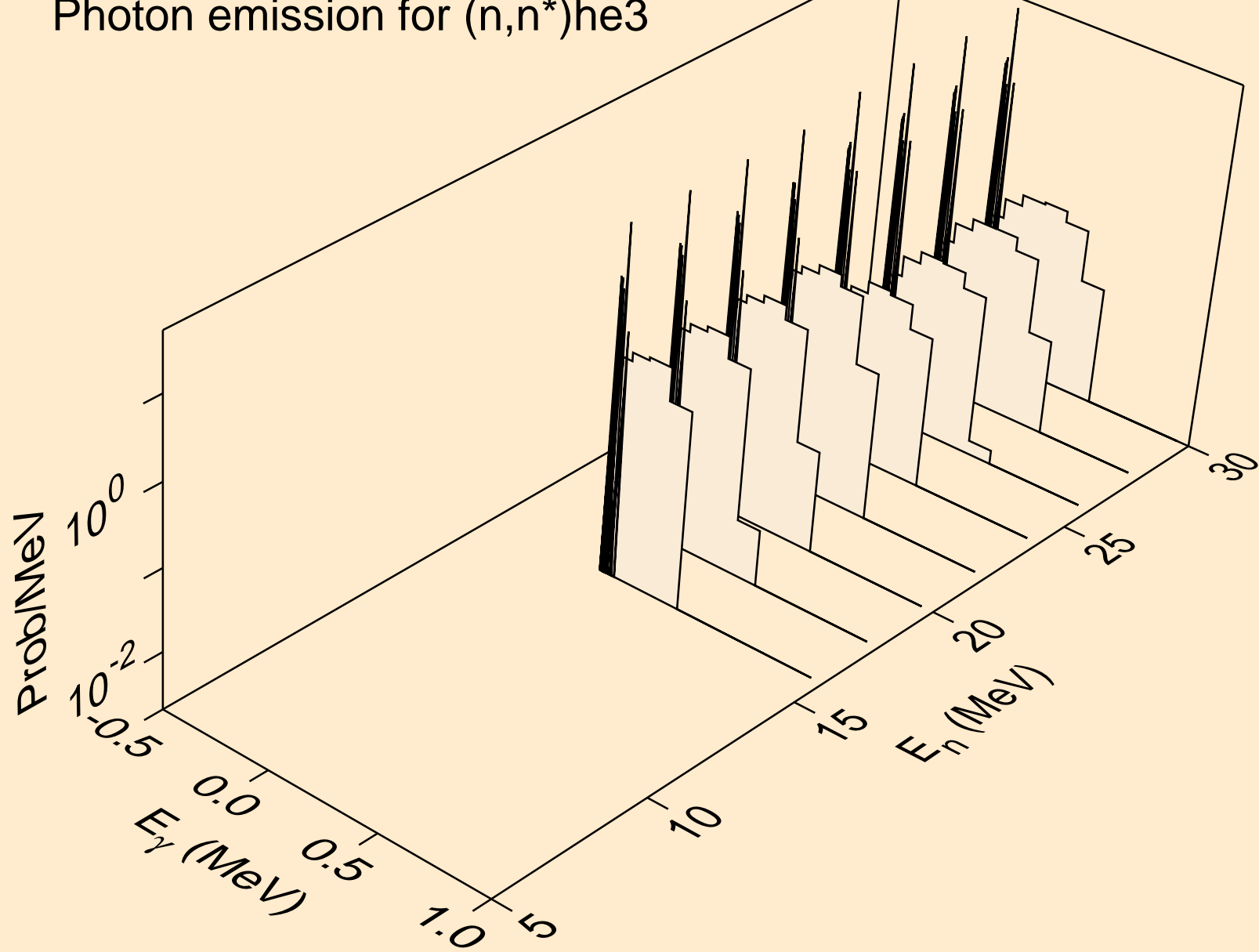
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



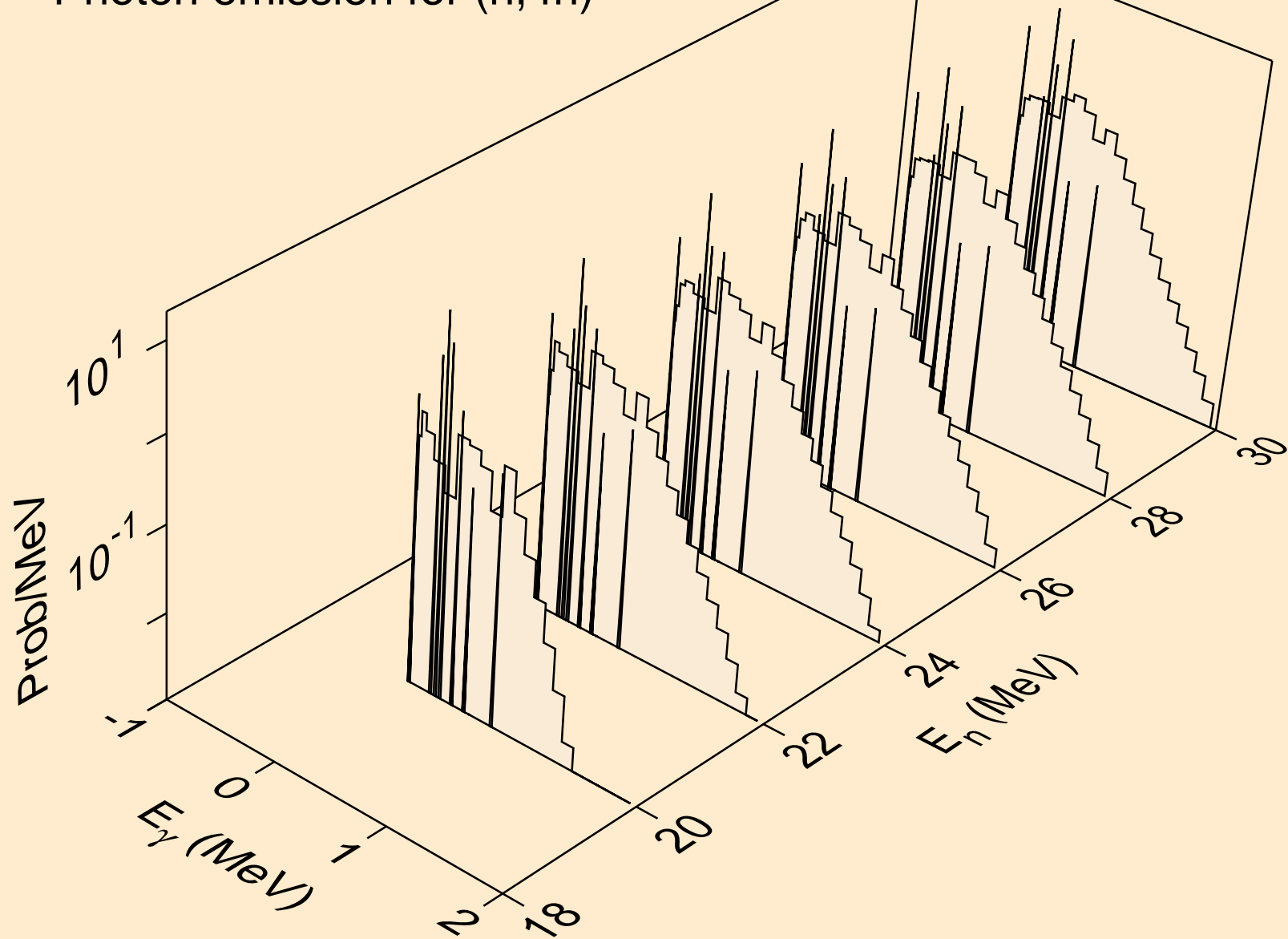
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



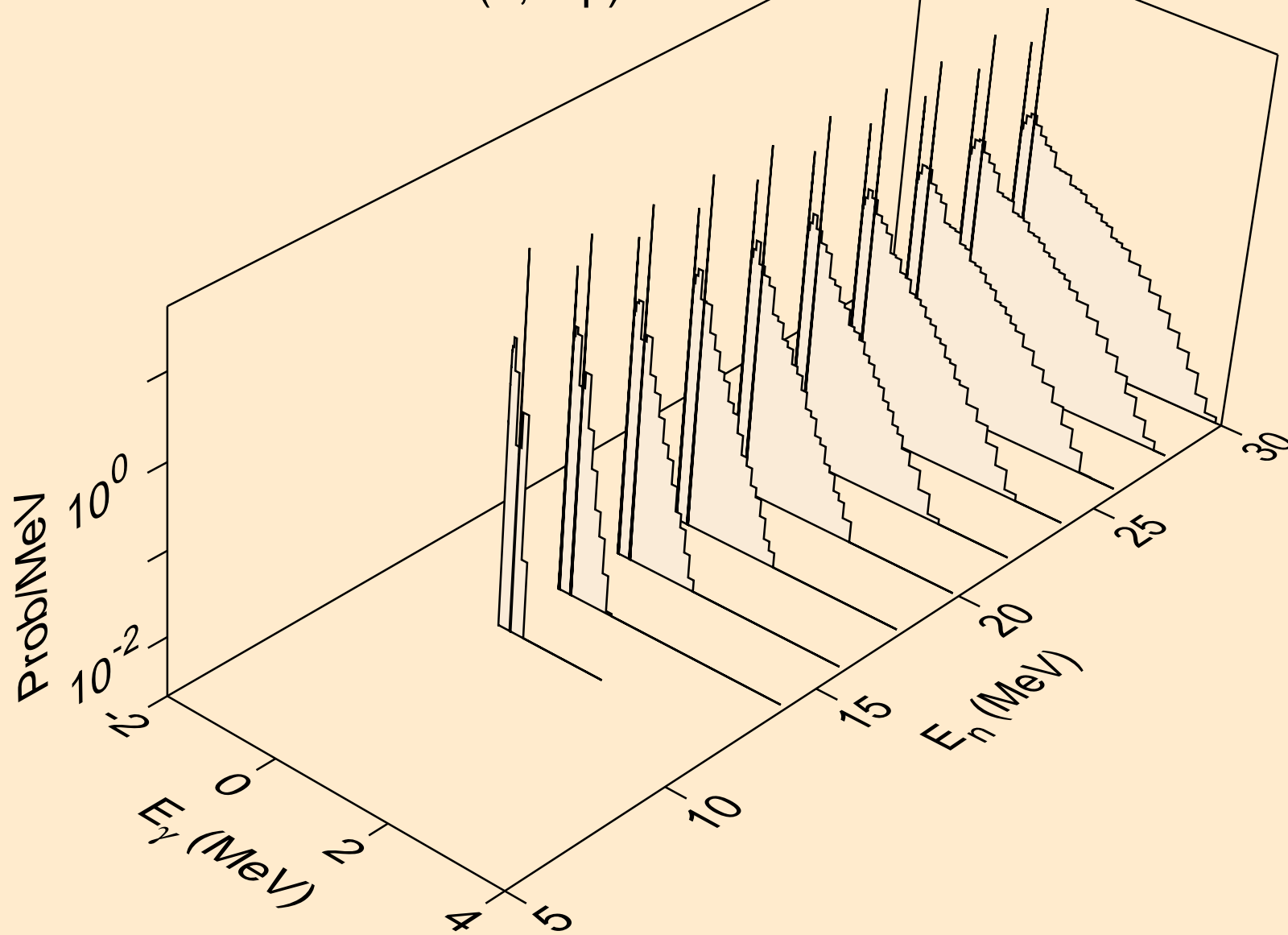
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



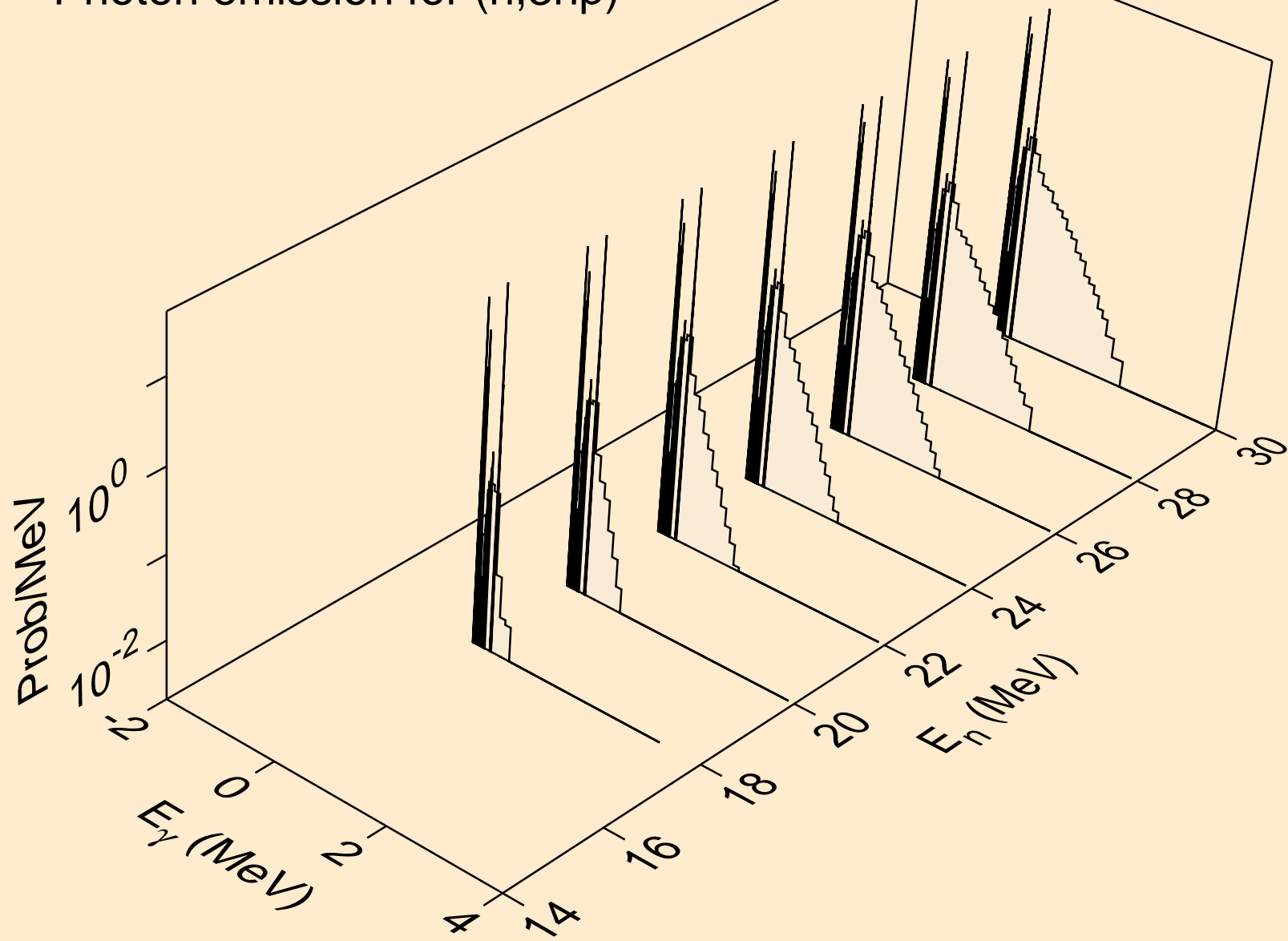
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



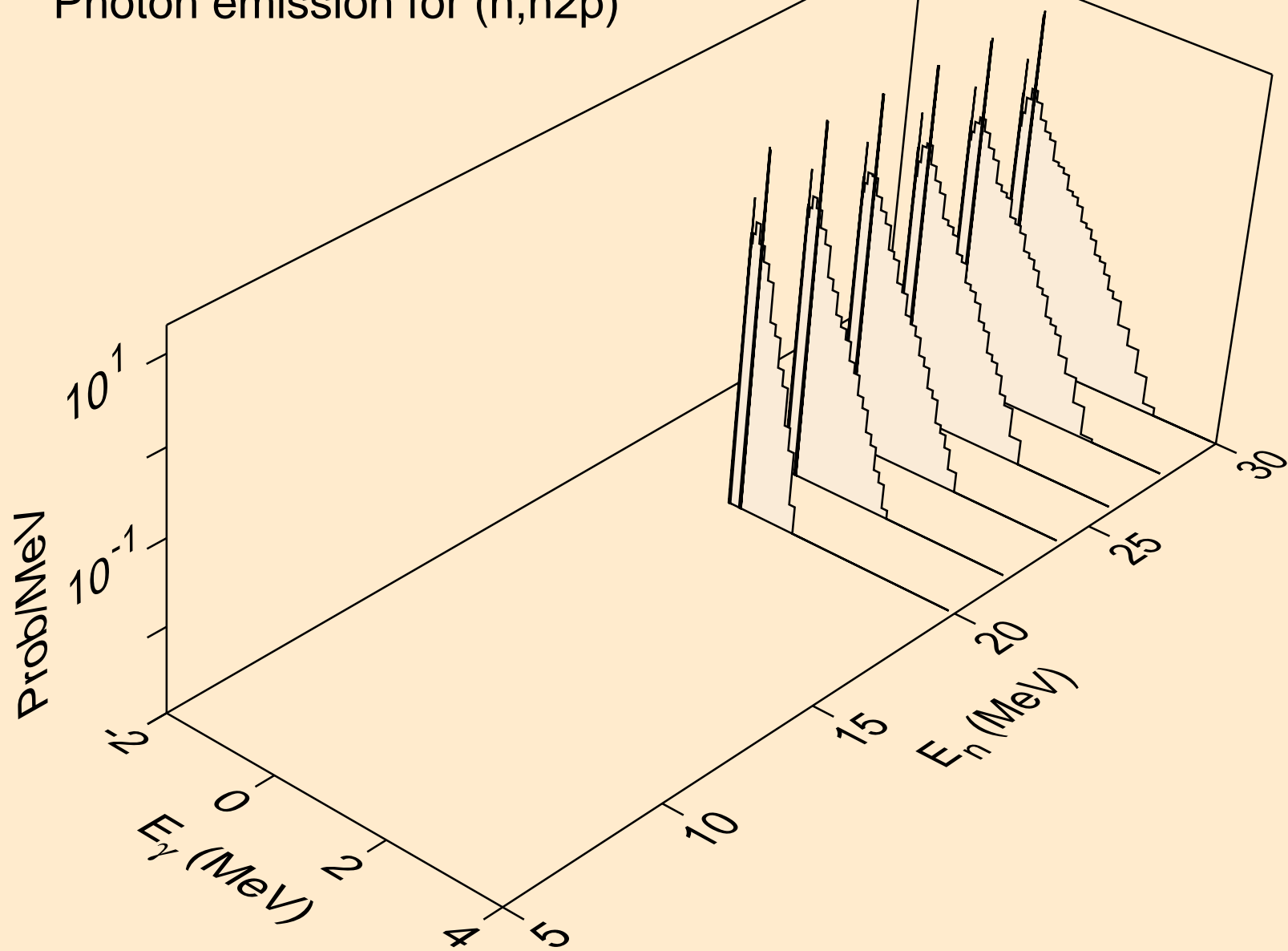
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



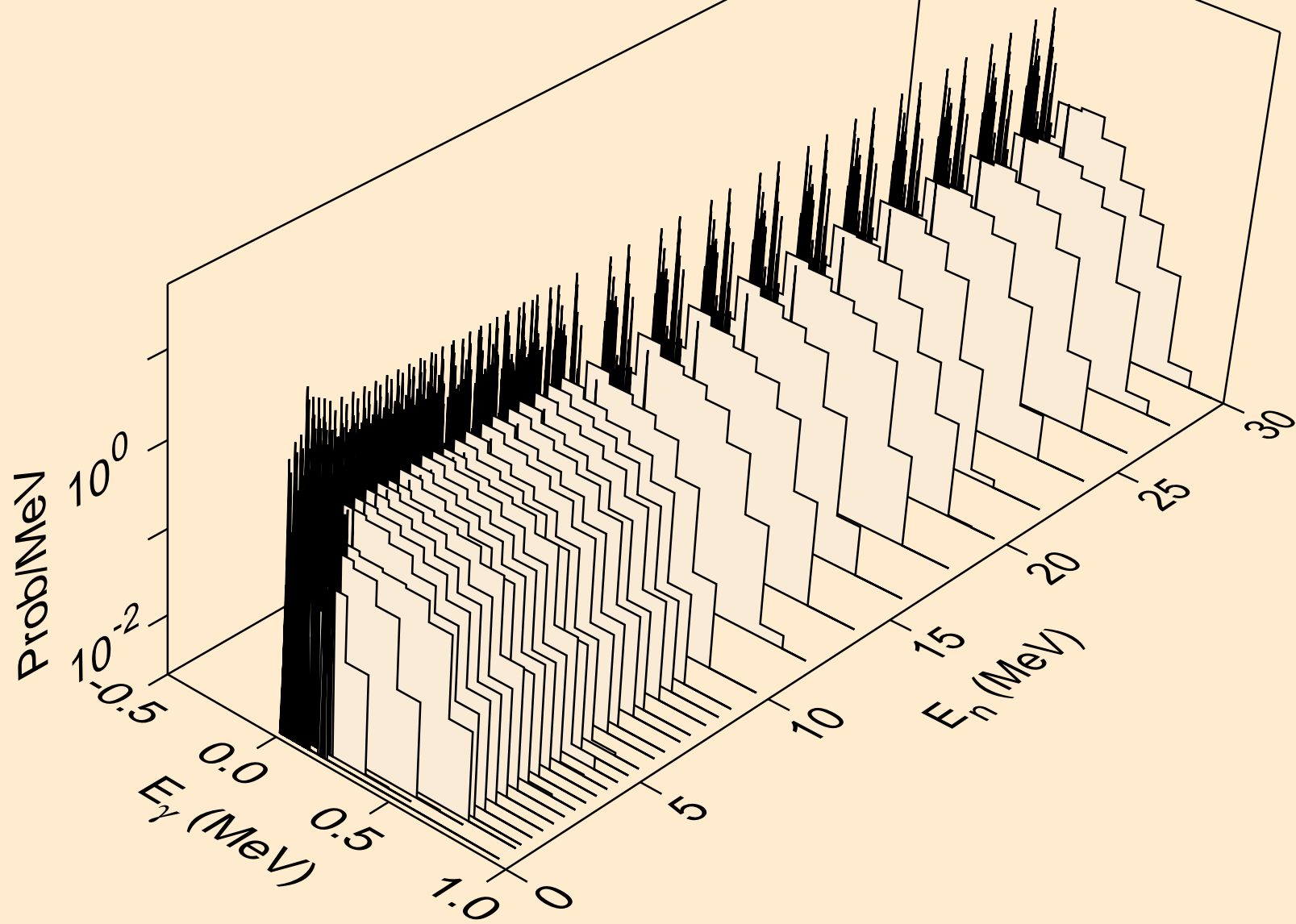
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

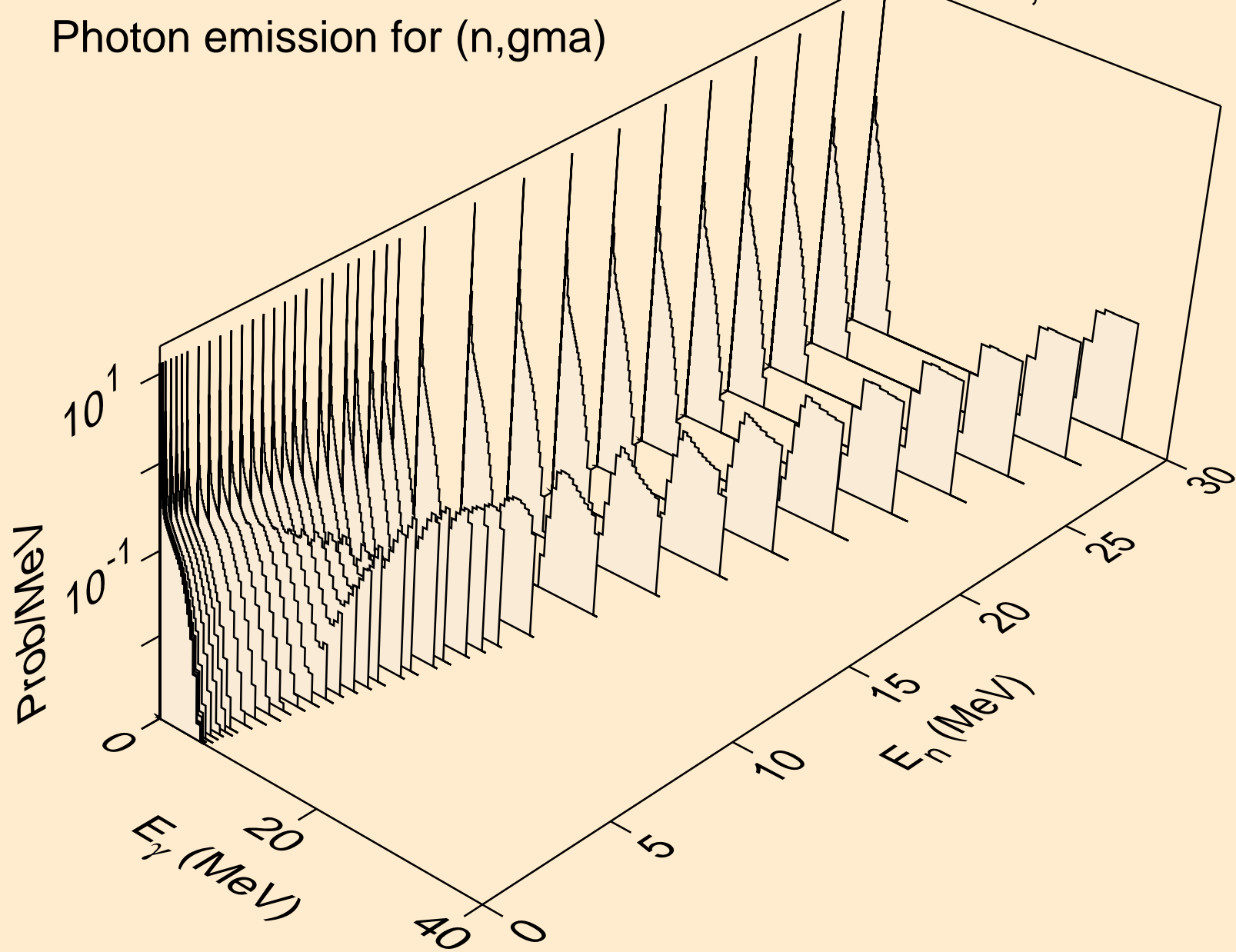


MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

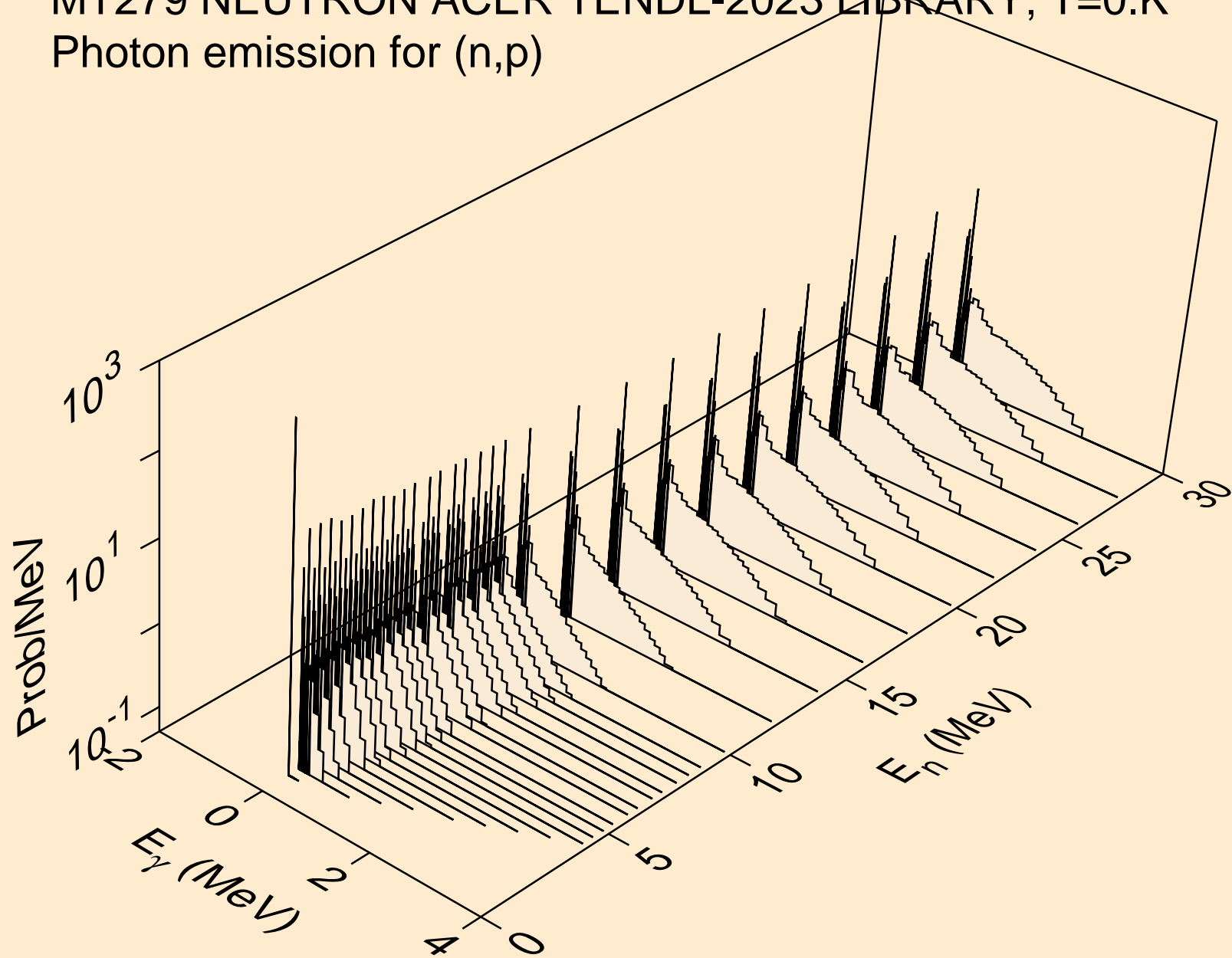




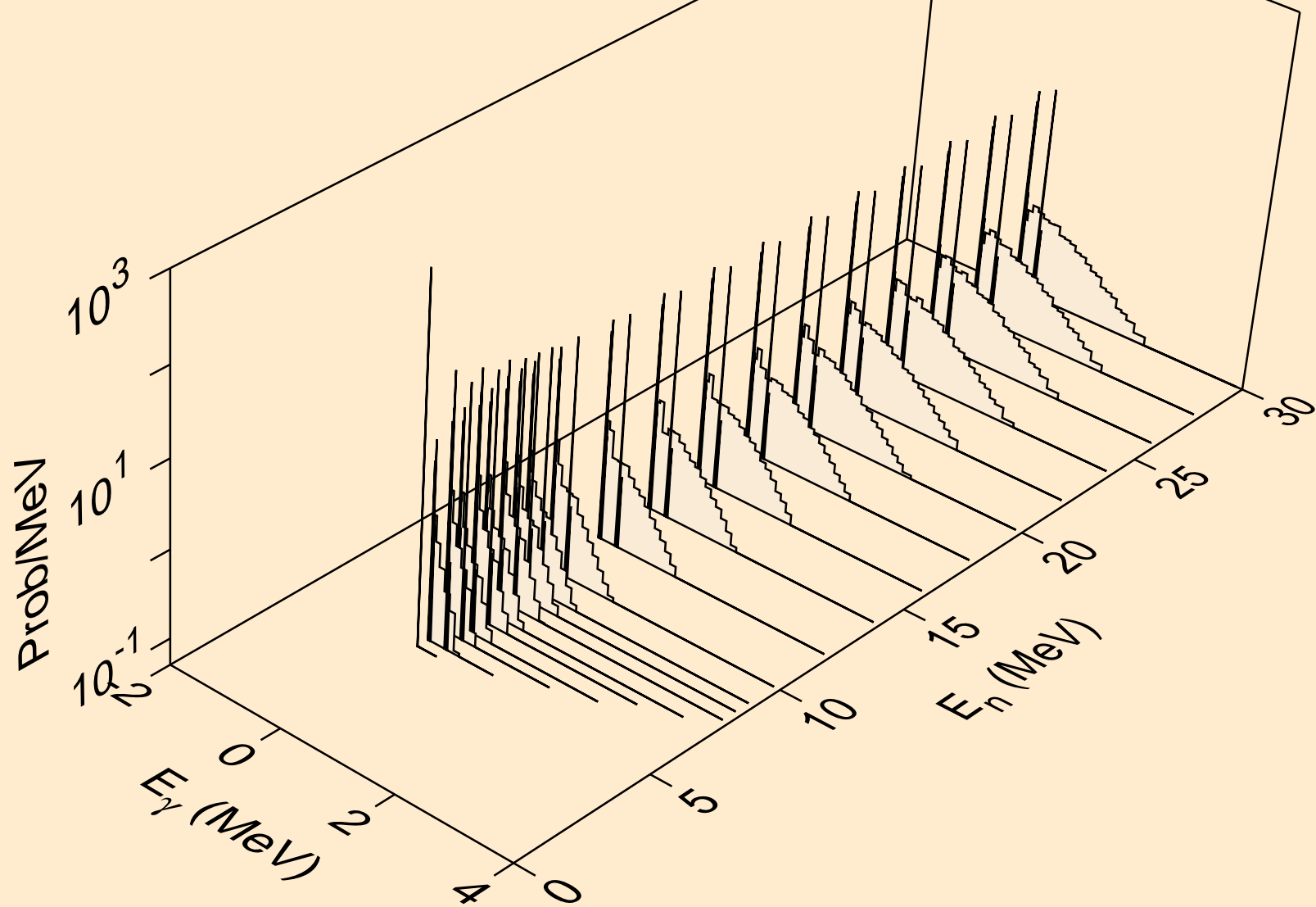
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



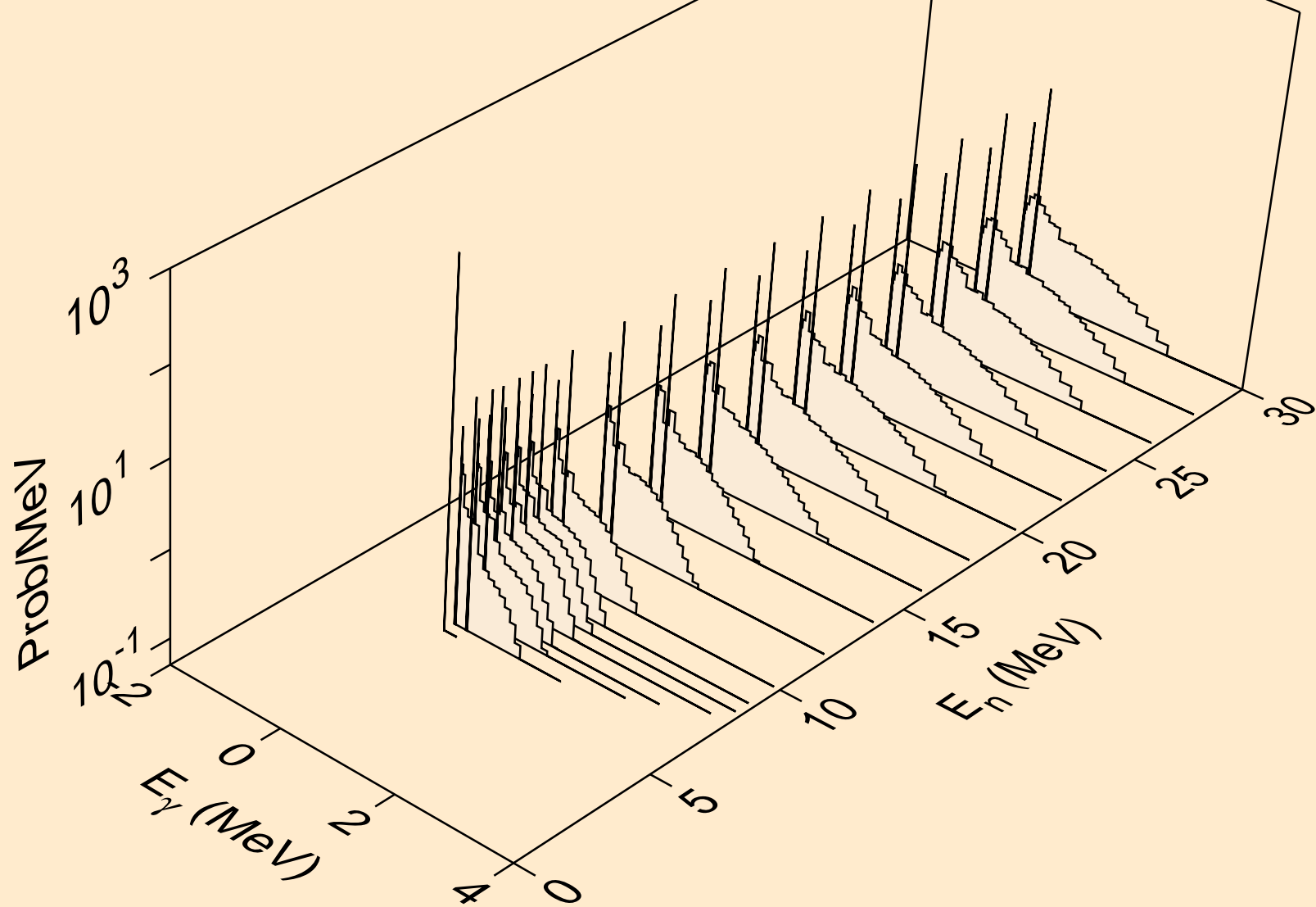
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



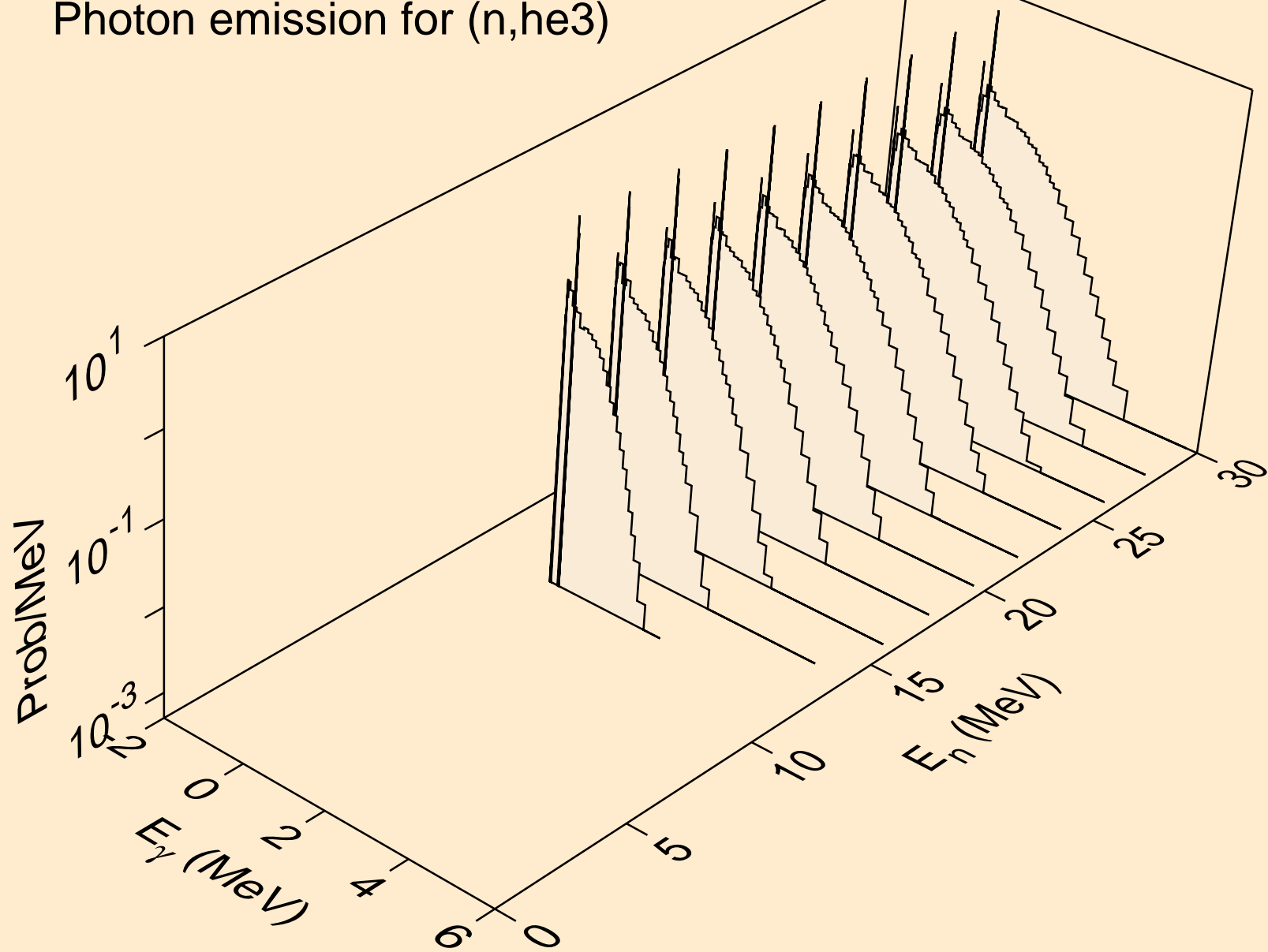
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



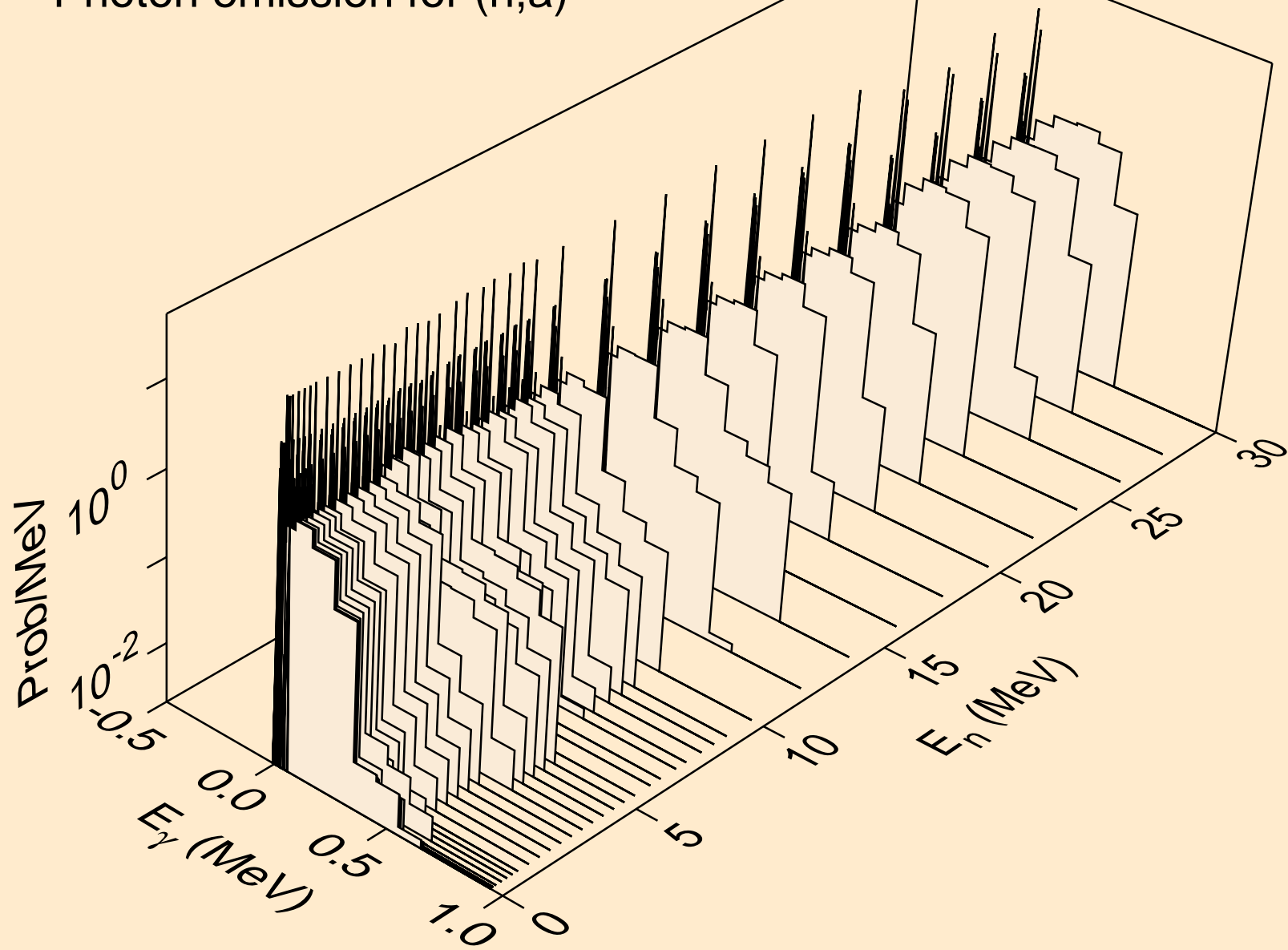
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



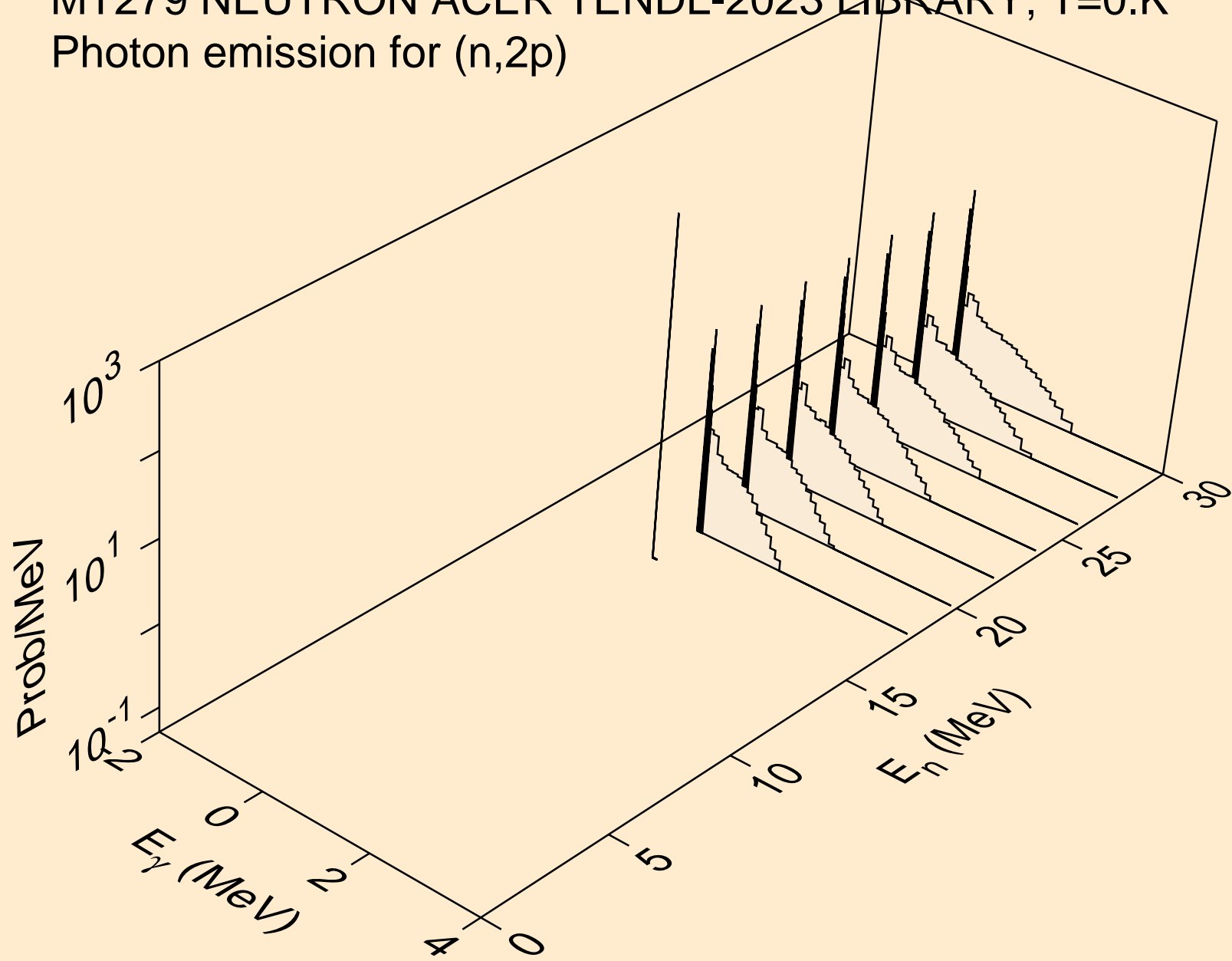
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



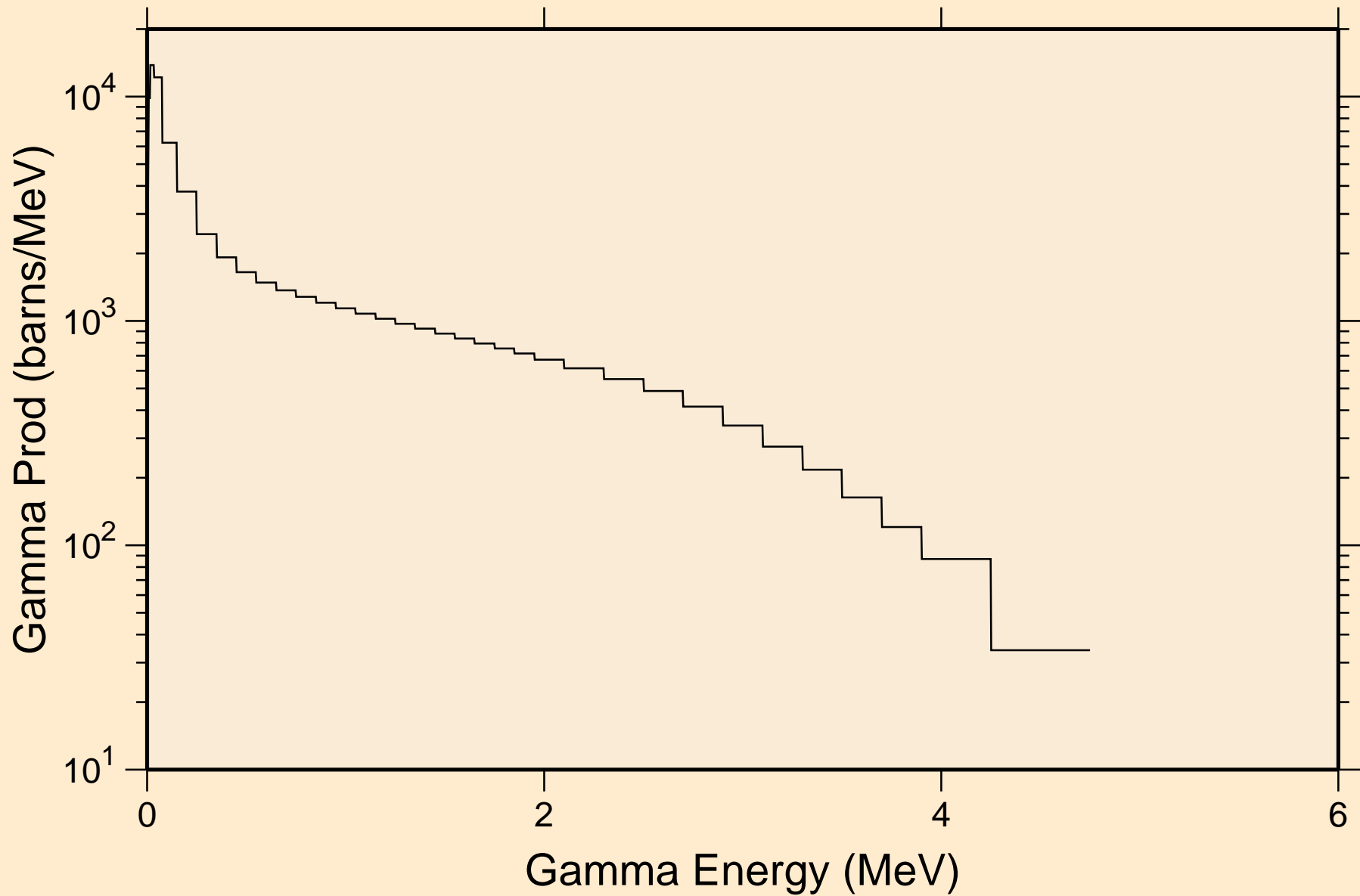
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

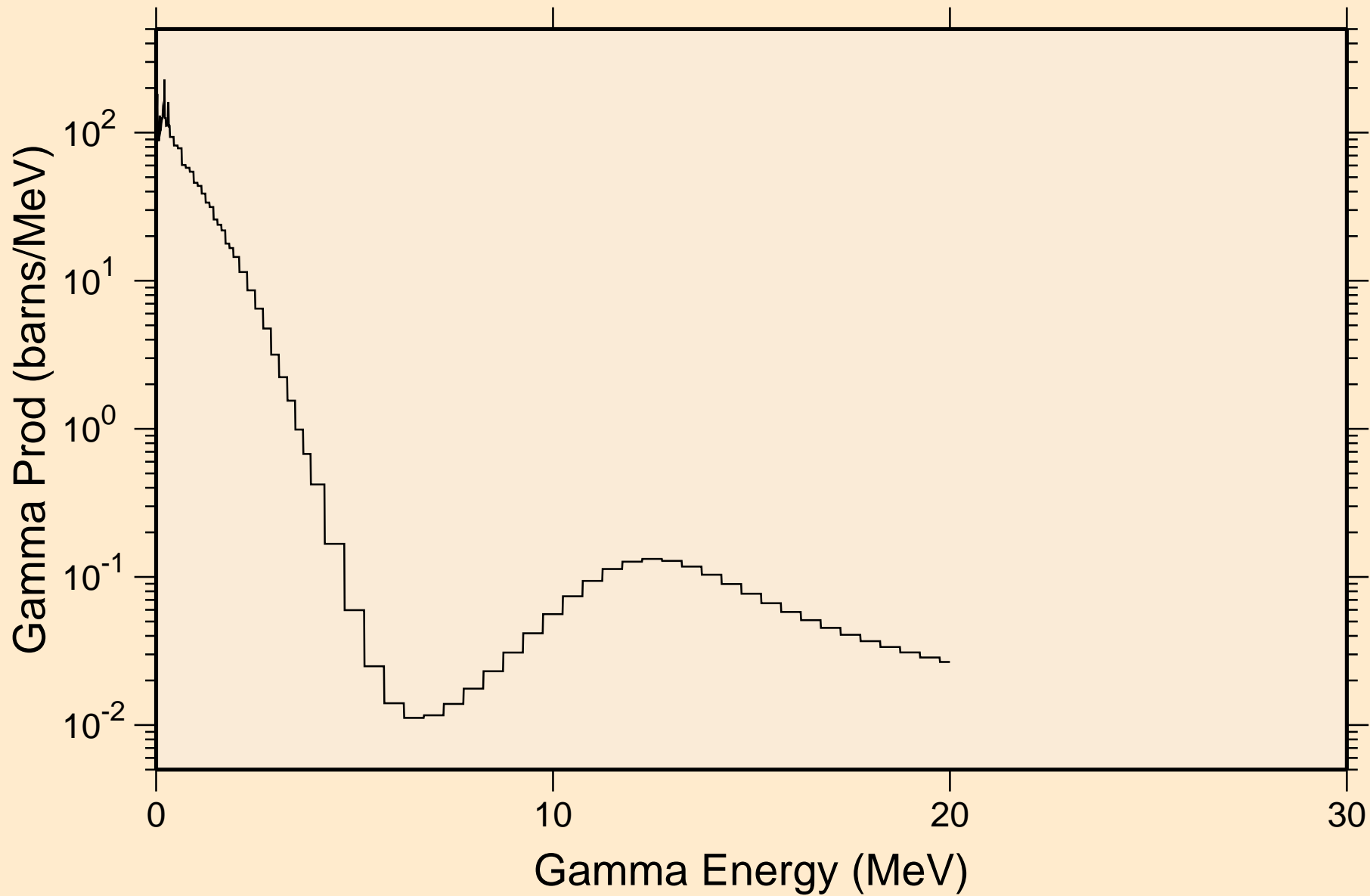


MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

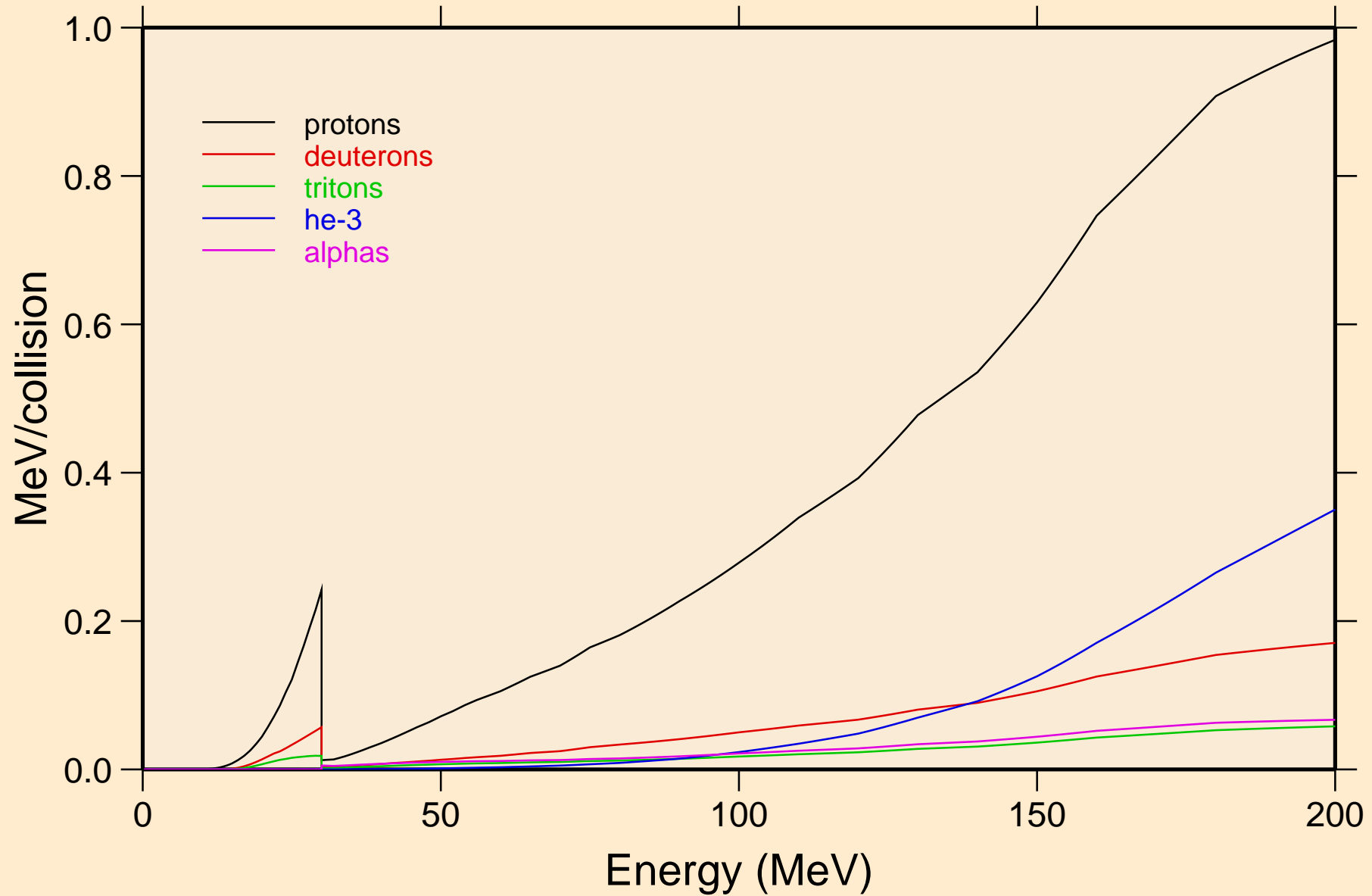




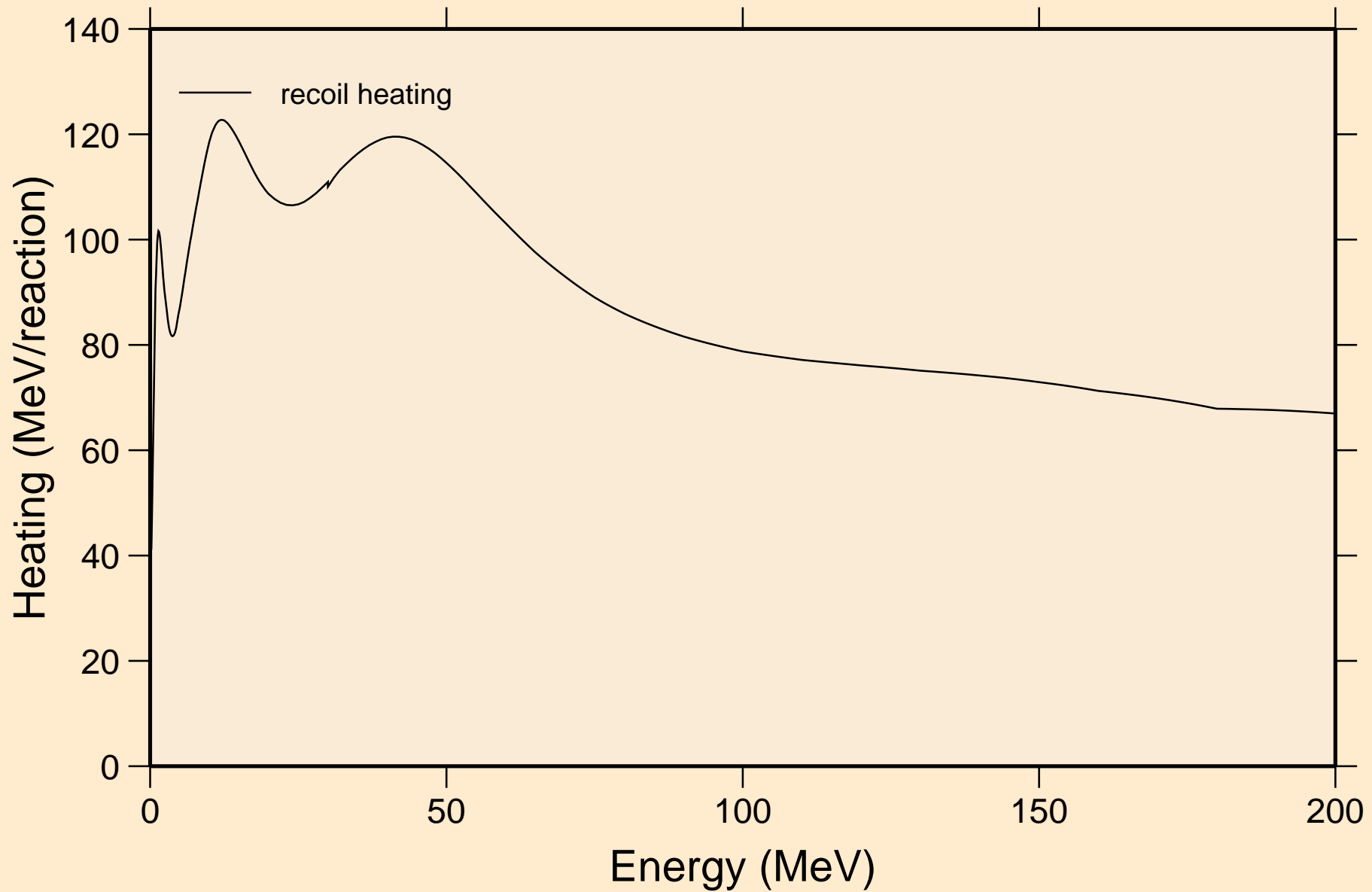
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

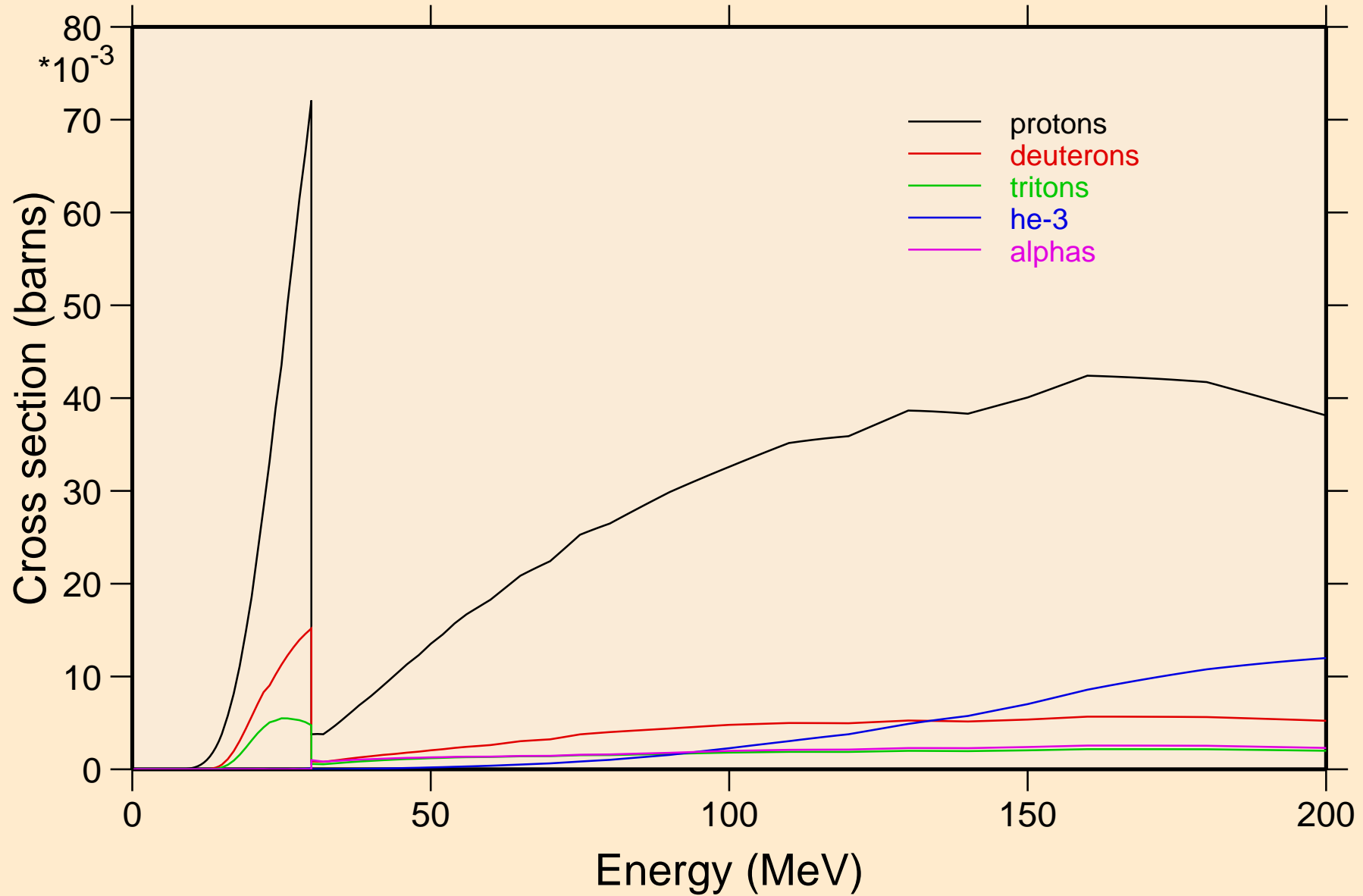


MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

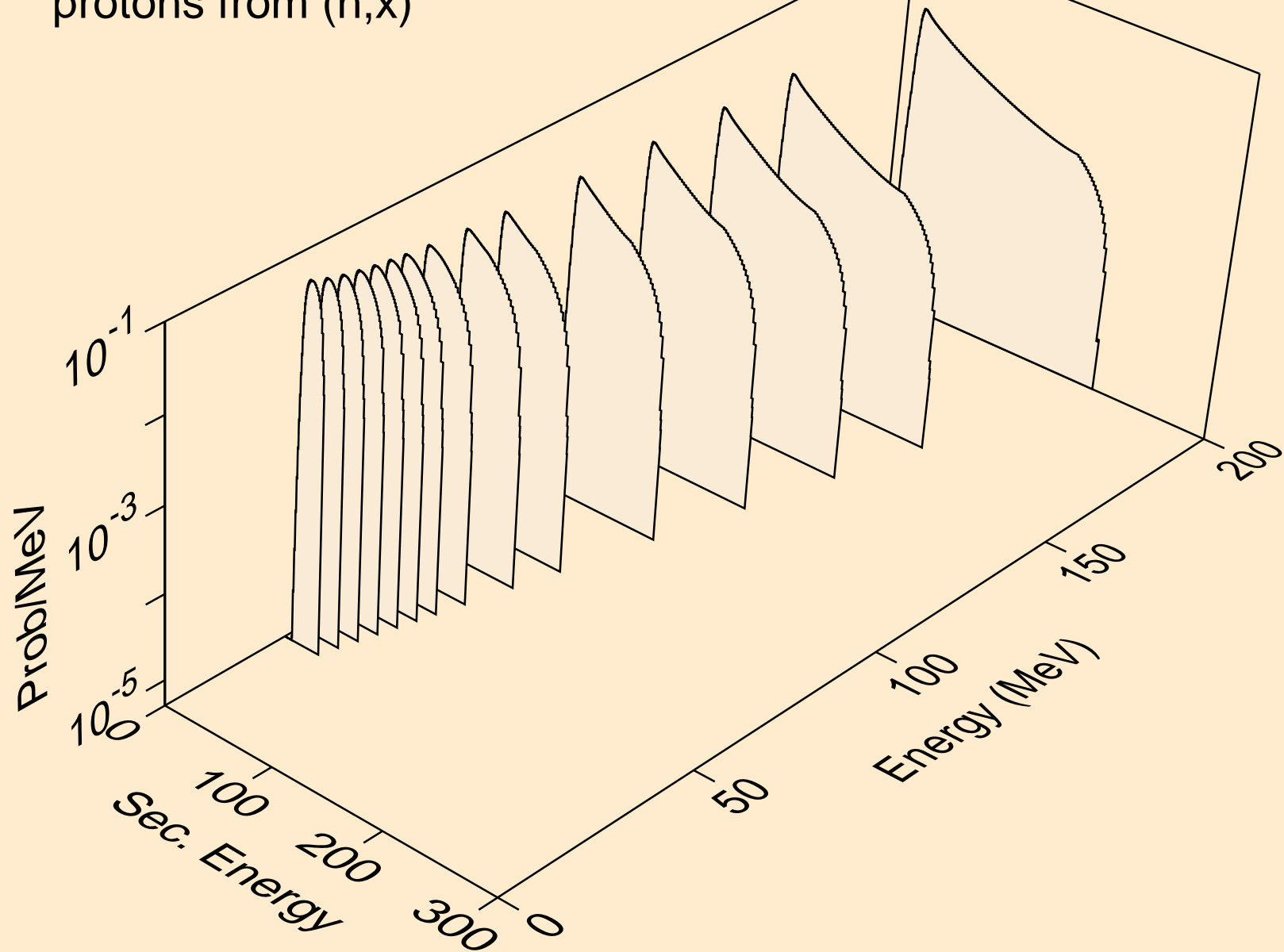


# MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

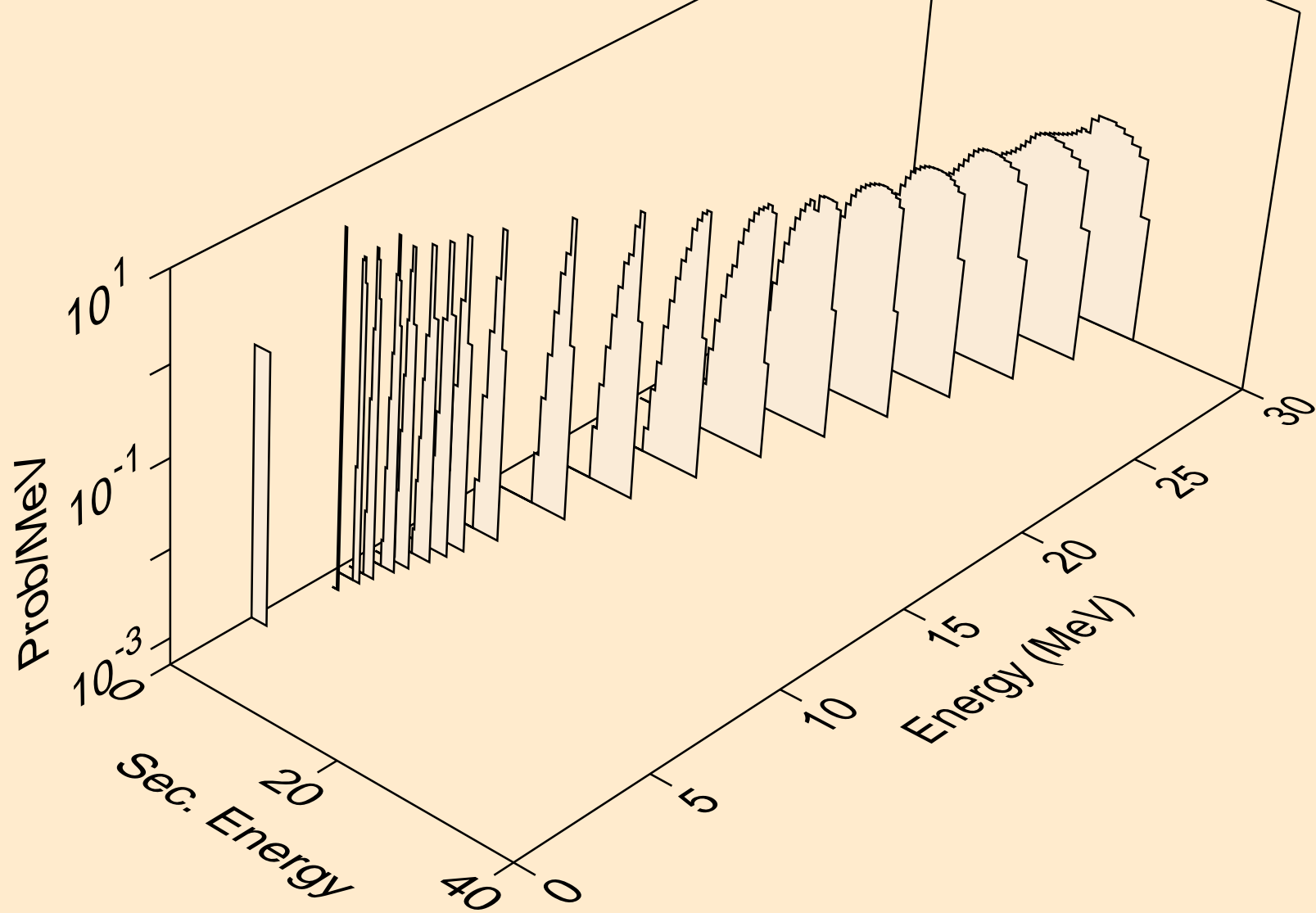
## Particle production cross sections



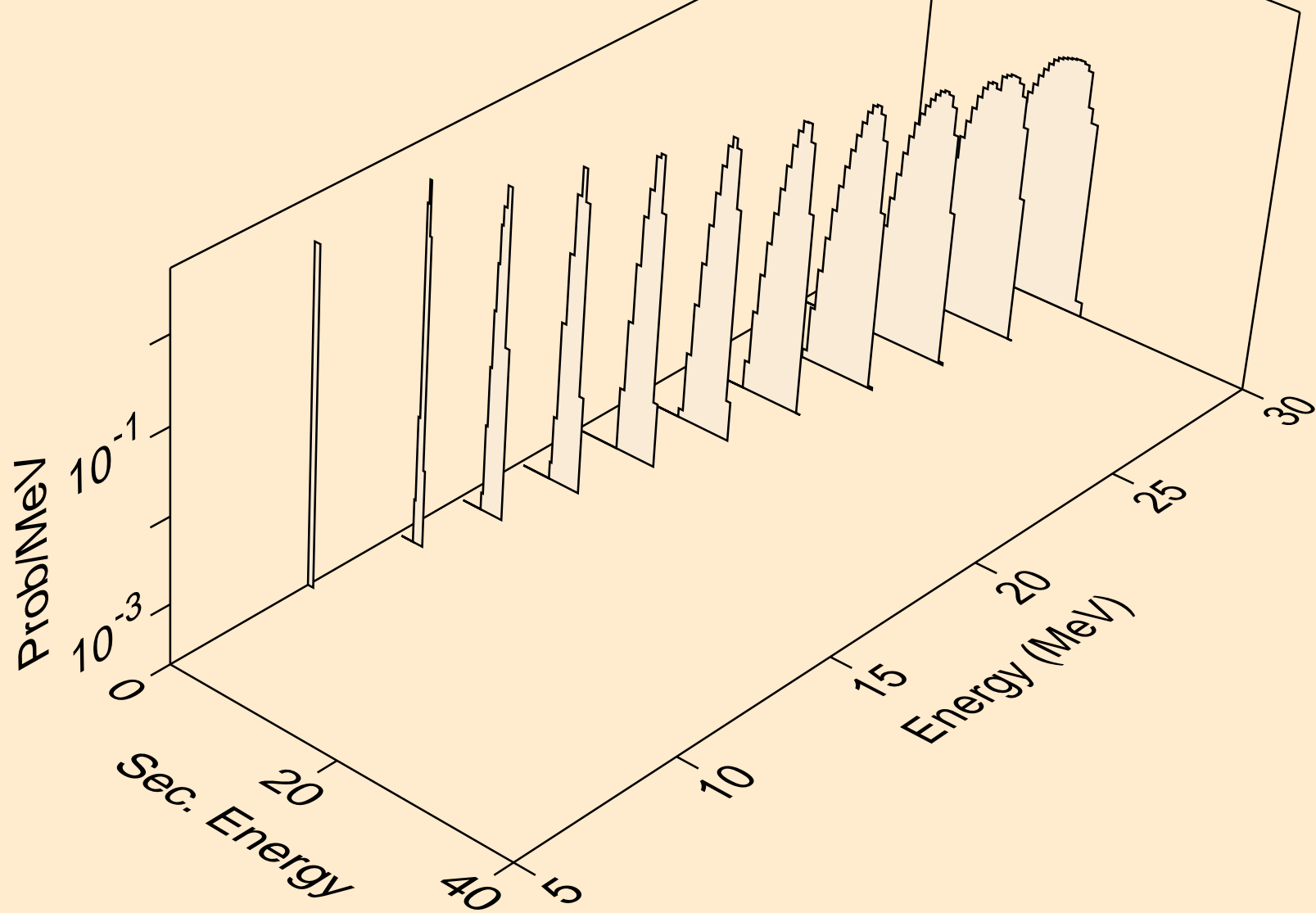
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



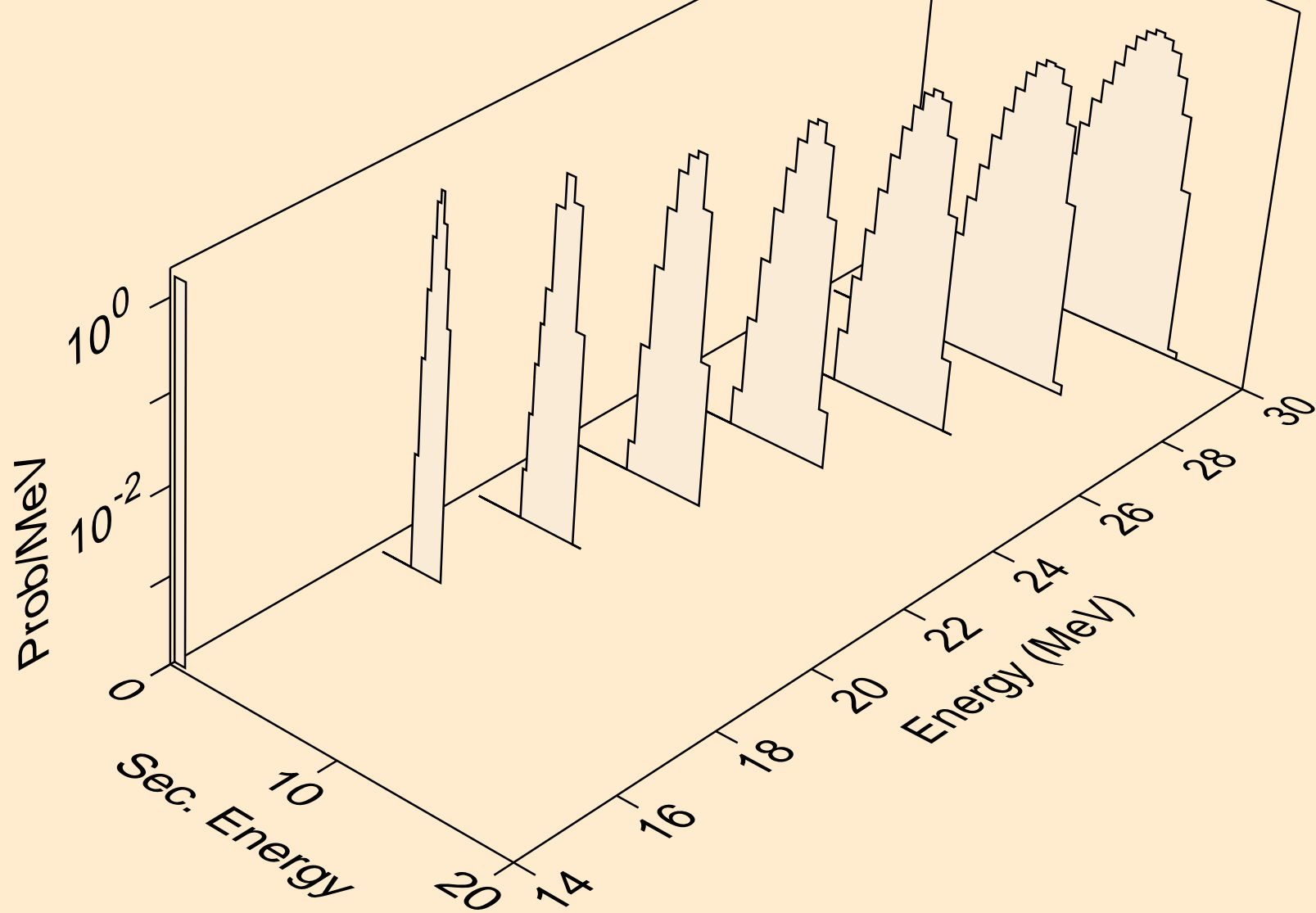
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2np)

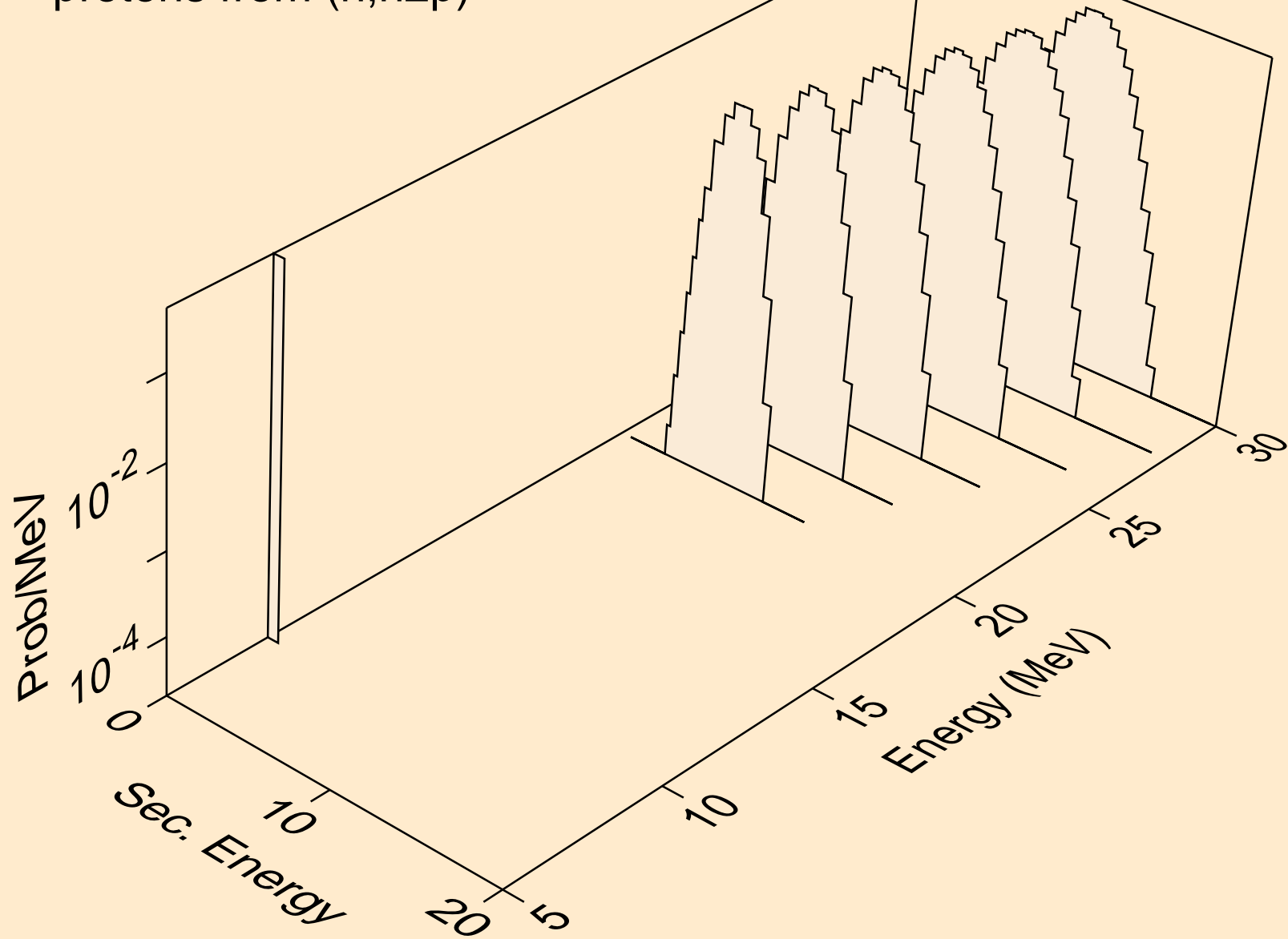


MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)

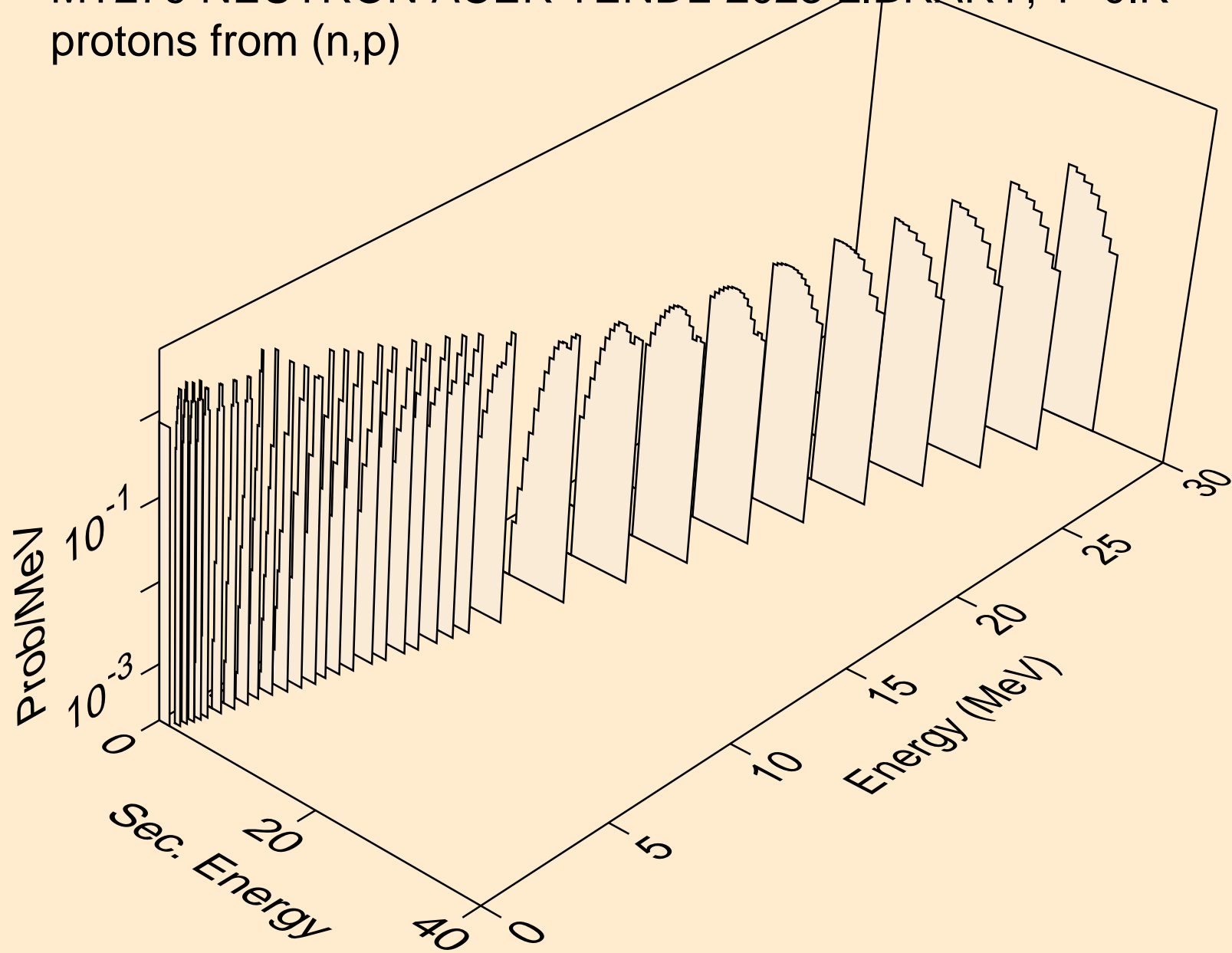




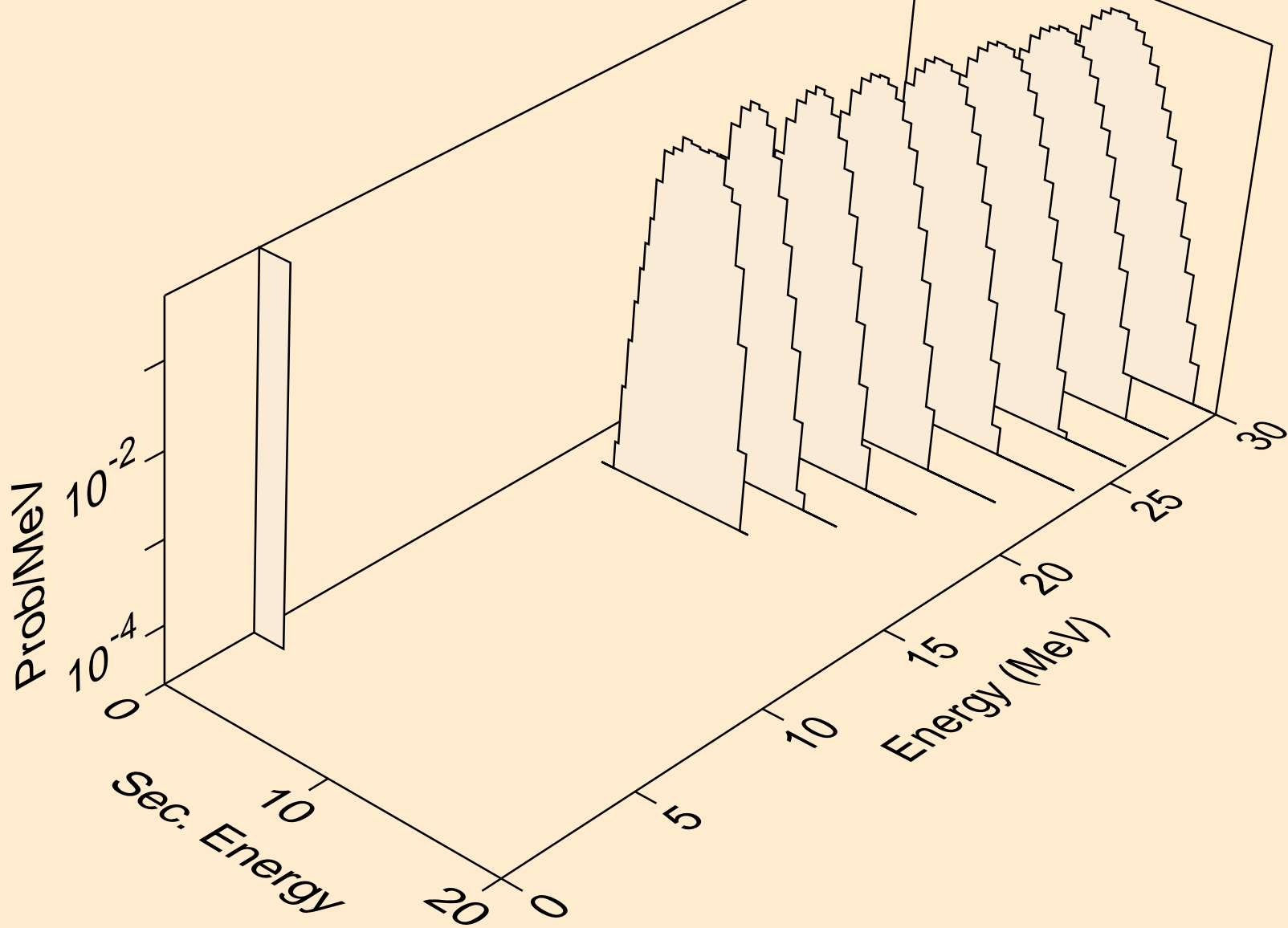
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protons from (n,n2p)



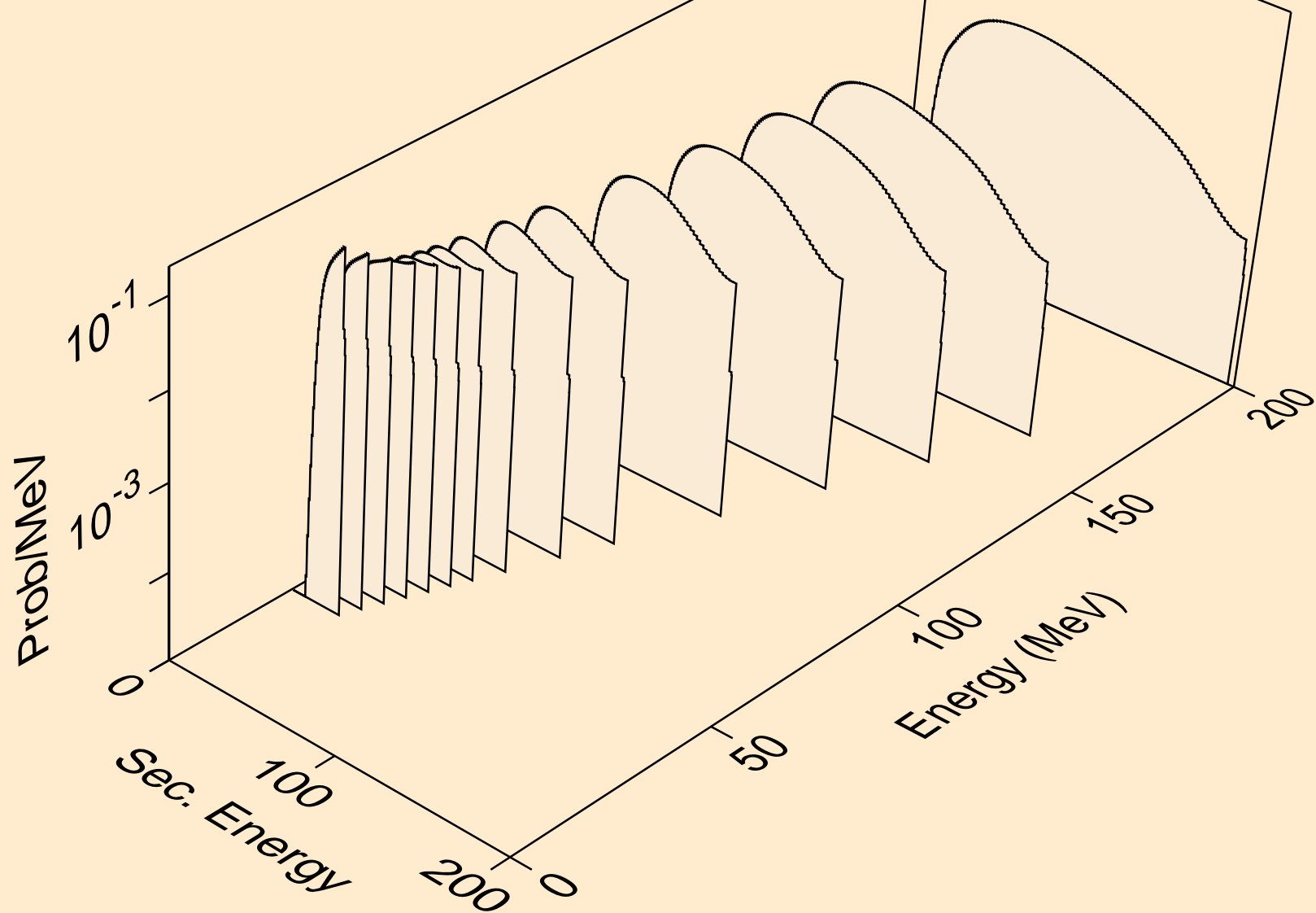
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protons from (n,p)



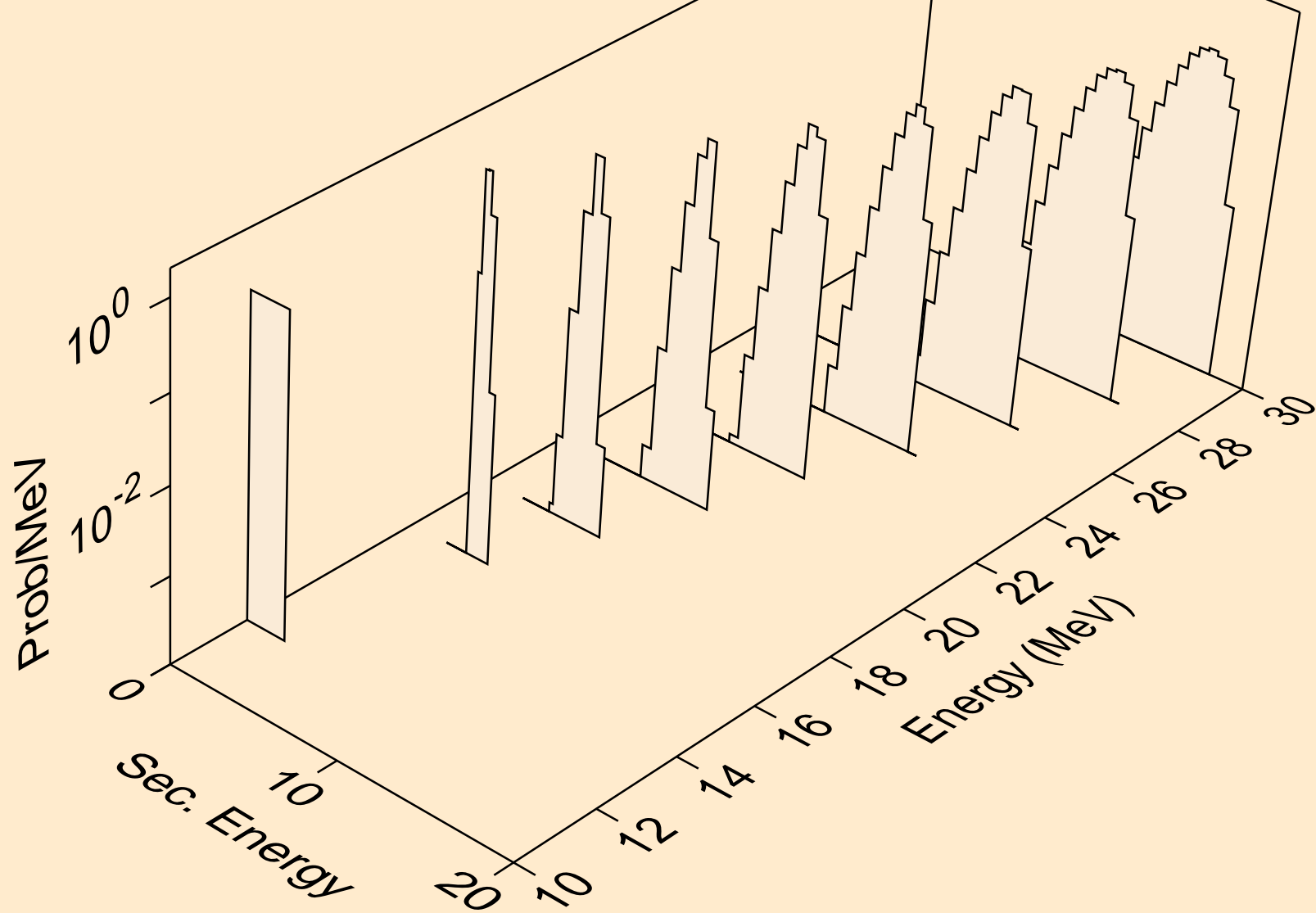
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protons from (n,2p)



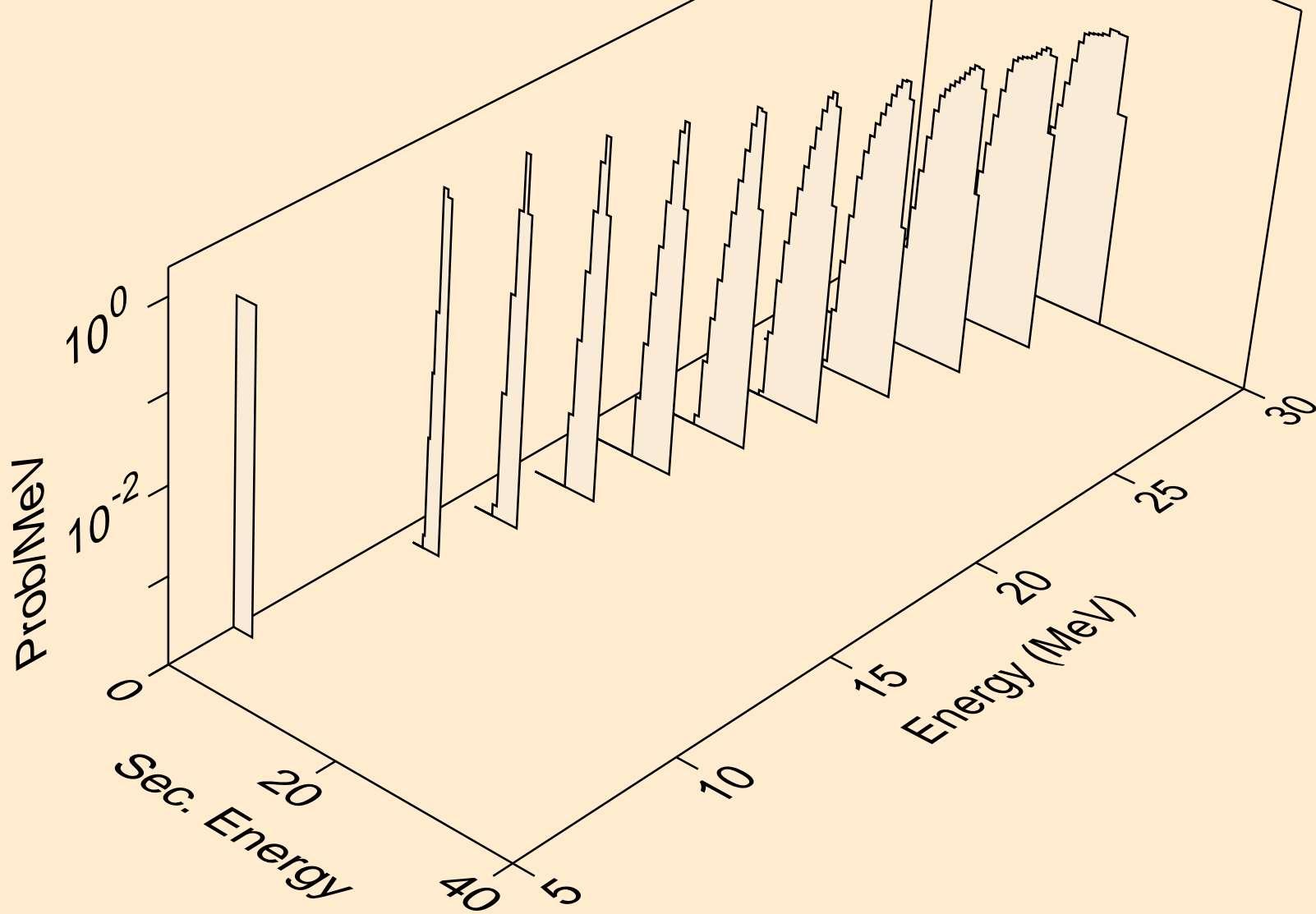
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)



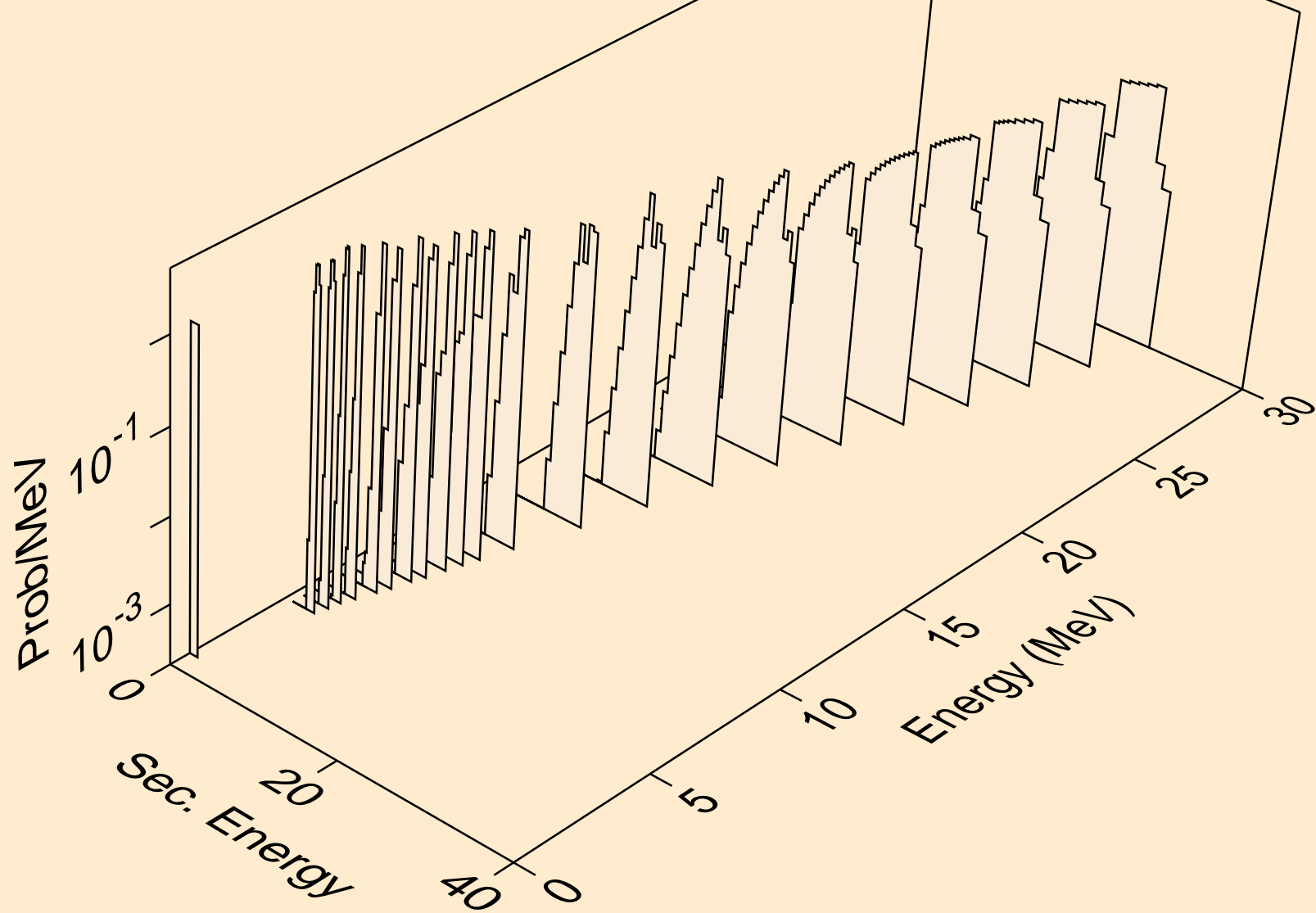
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deuterons from (n,2nd)



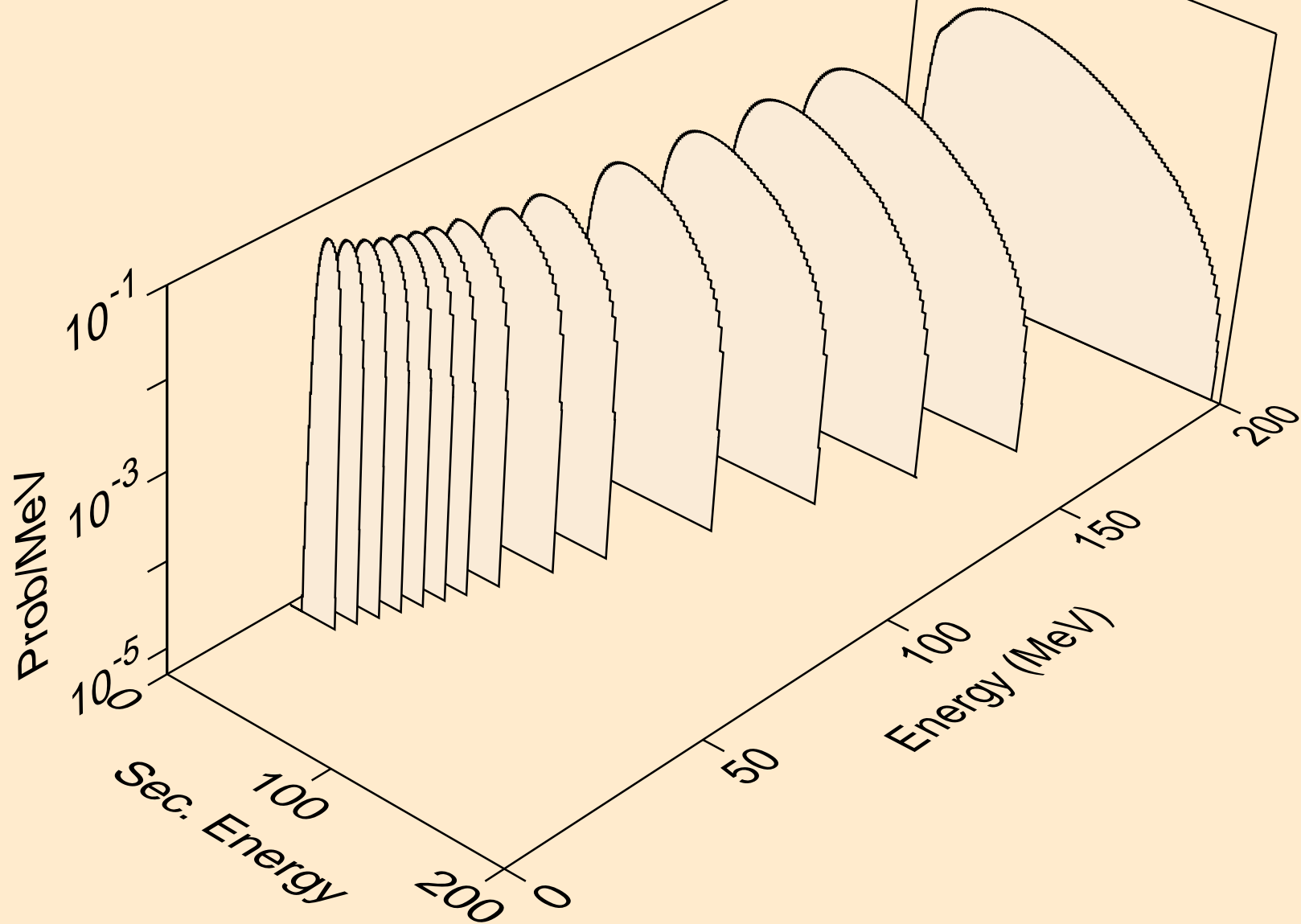
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,n\*)d



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,d)

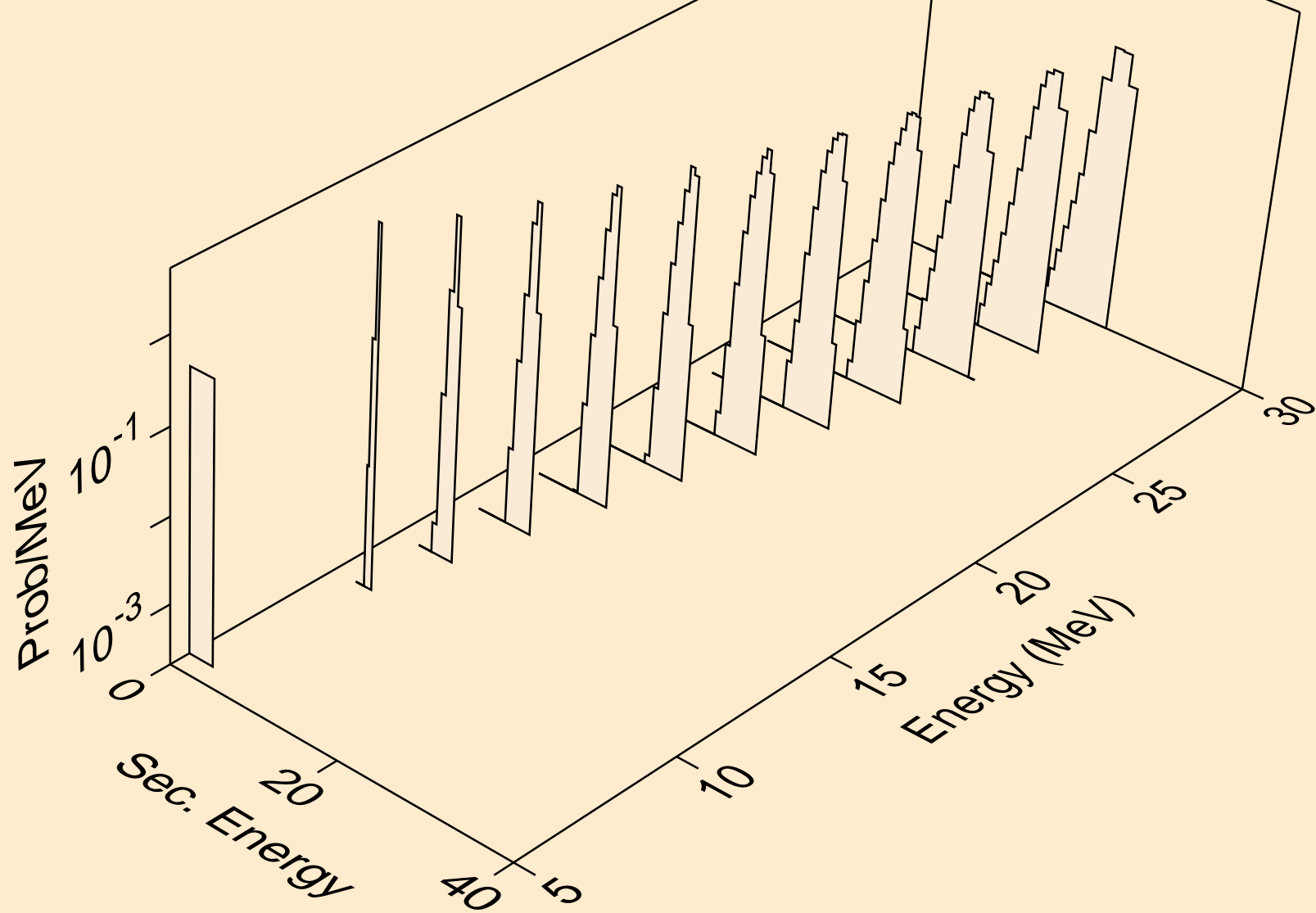


MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,x)

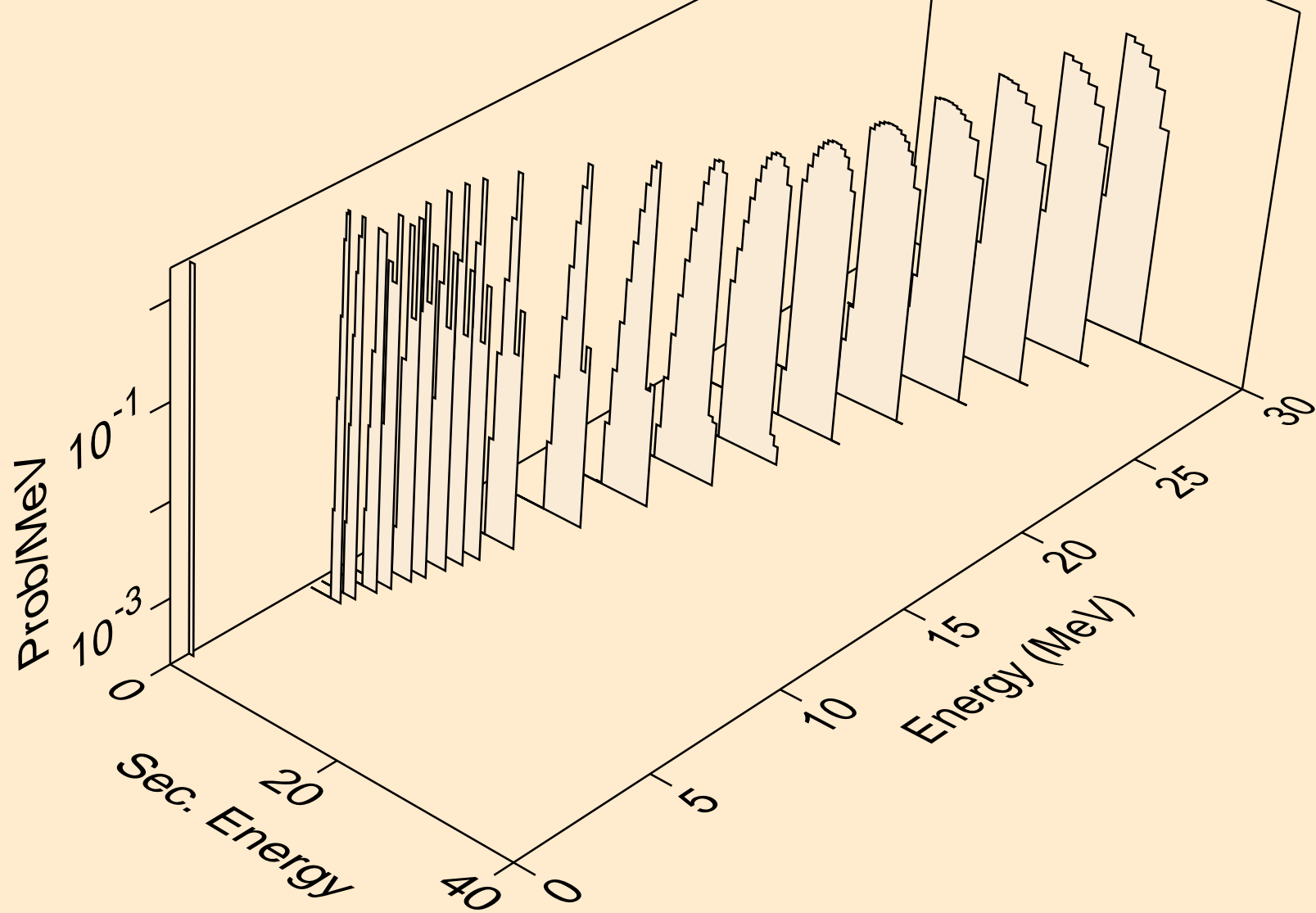




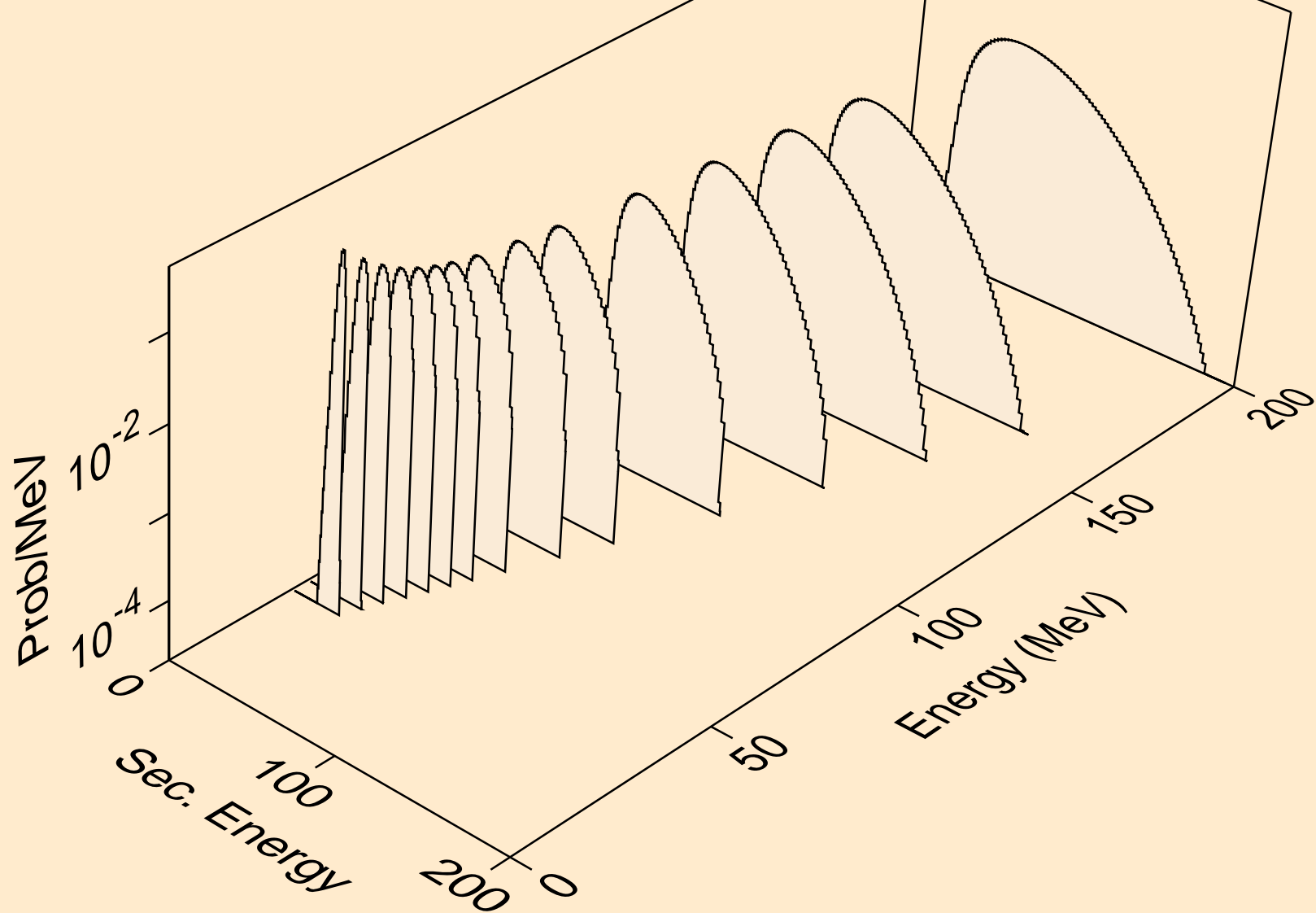
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



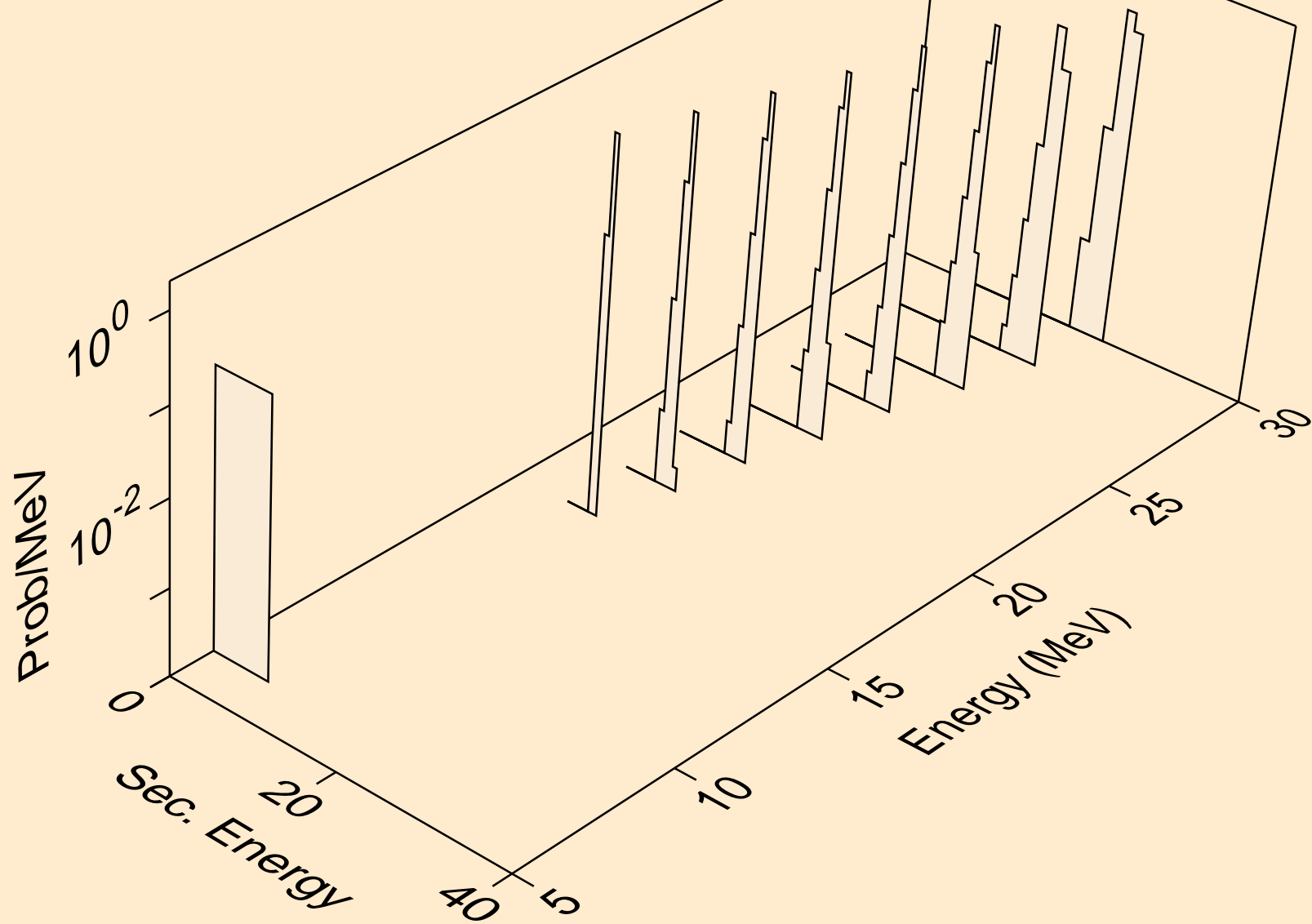
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tritons from (n,t)



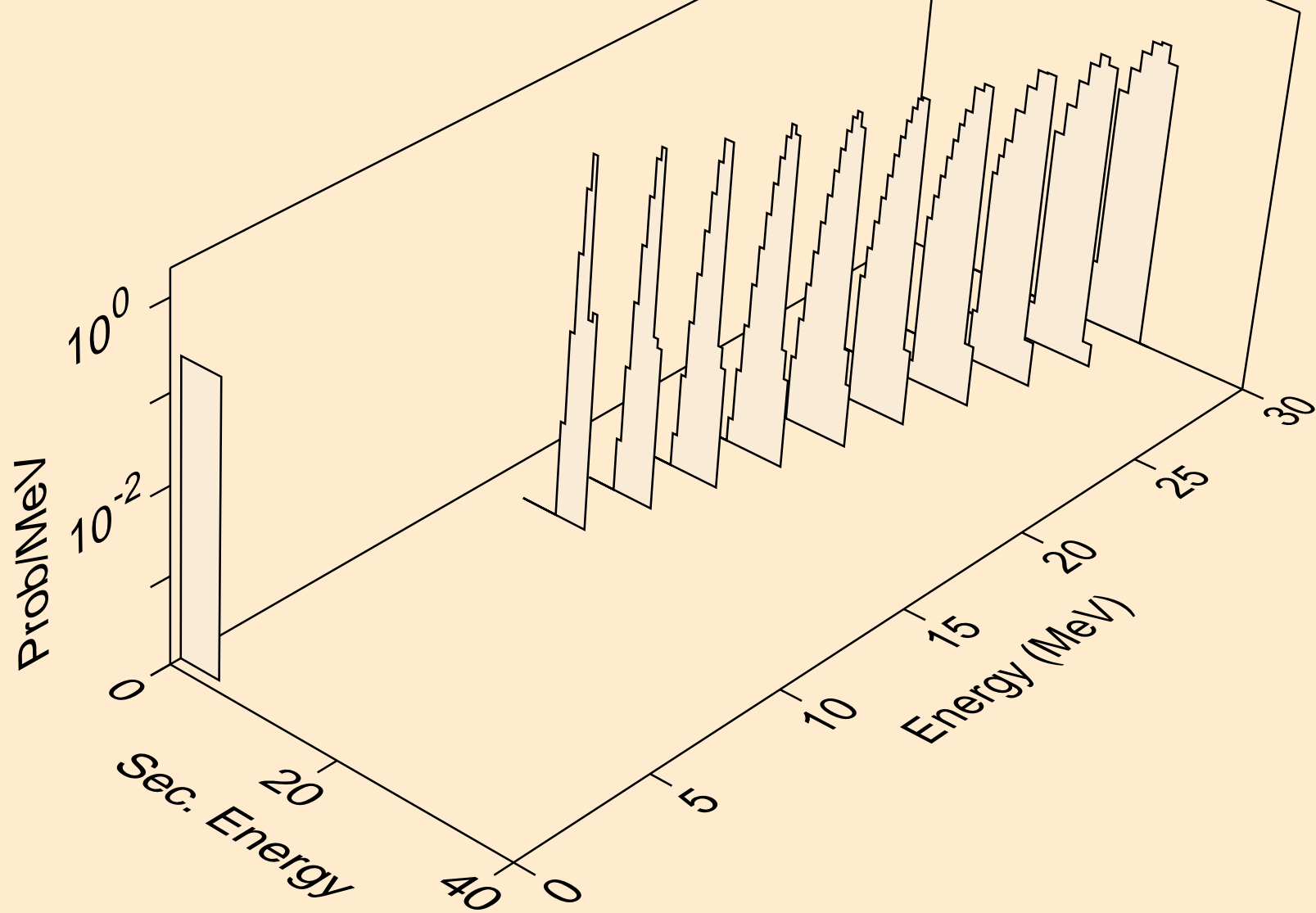
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)



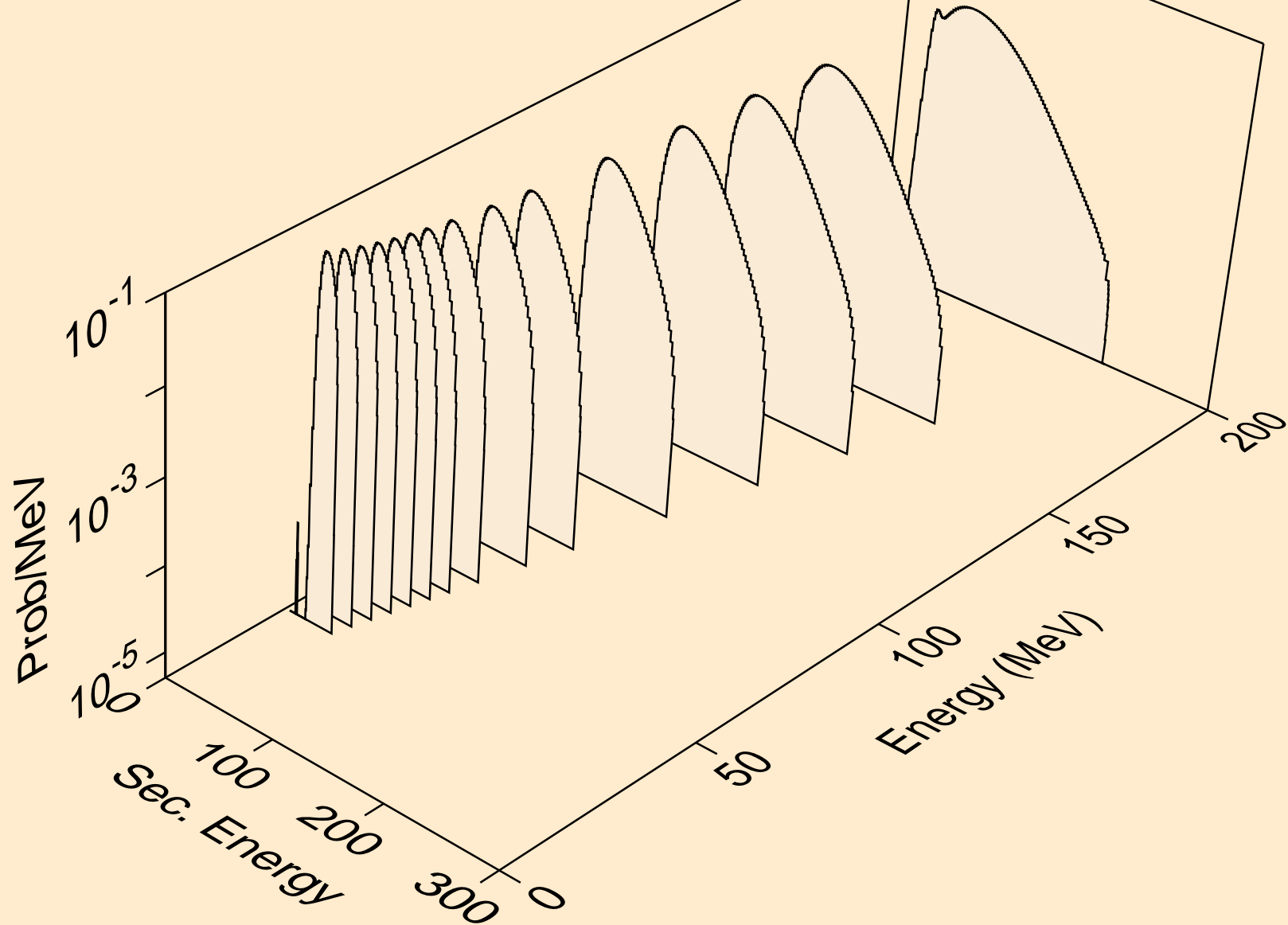
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,n\*)he3



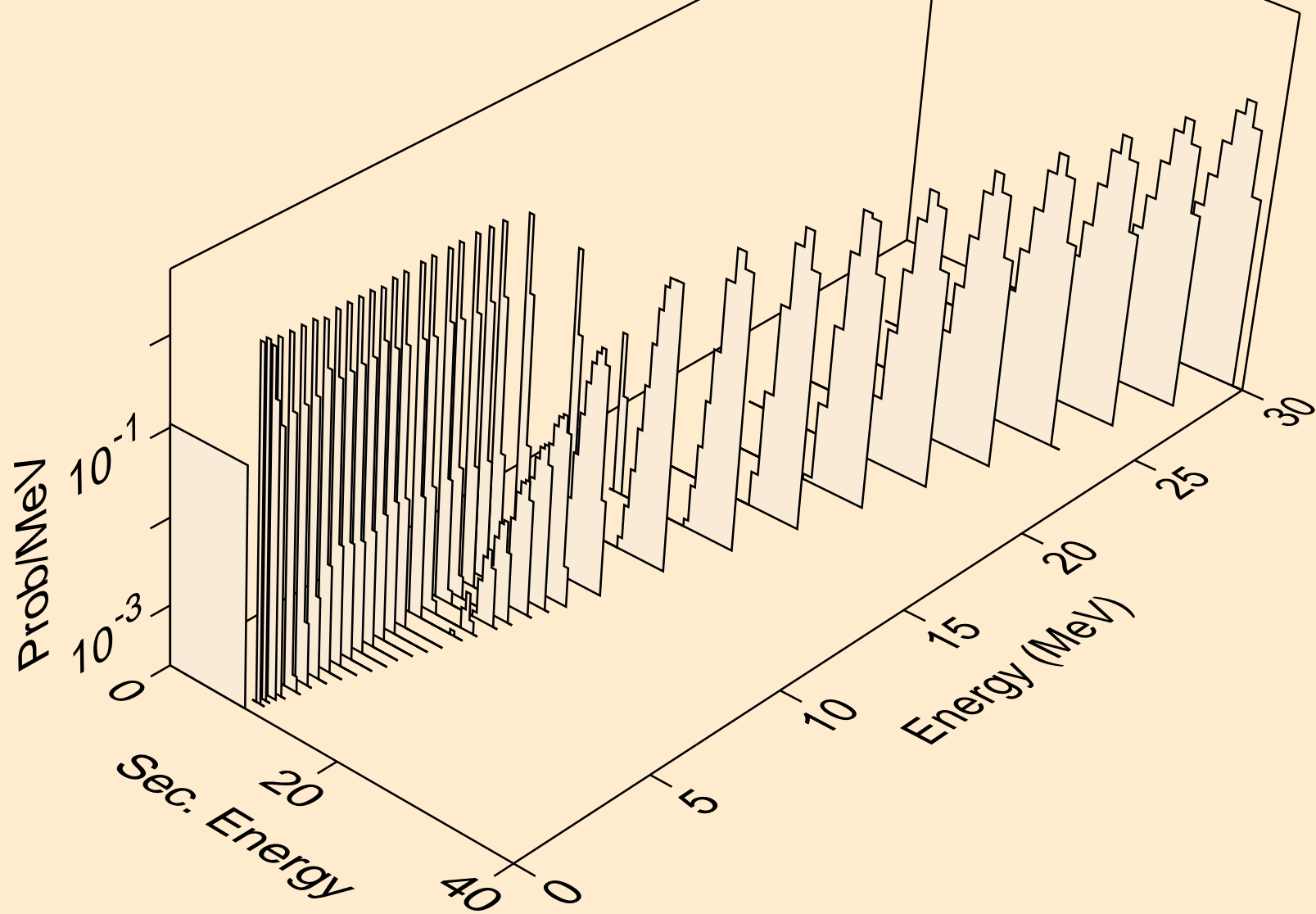
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he3s from (n,he3)



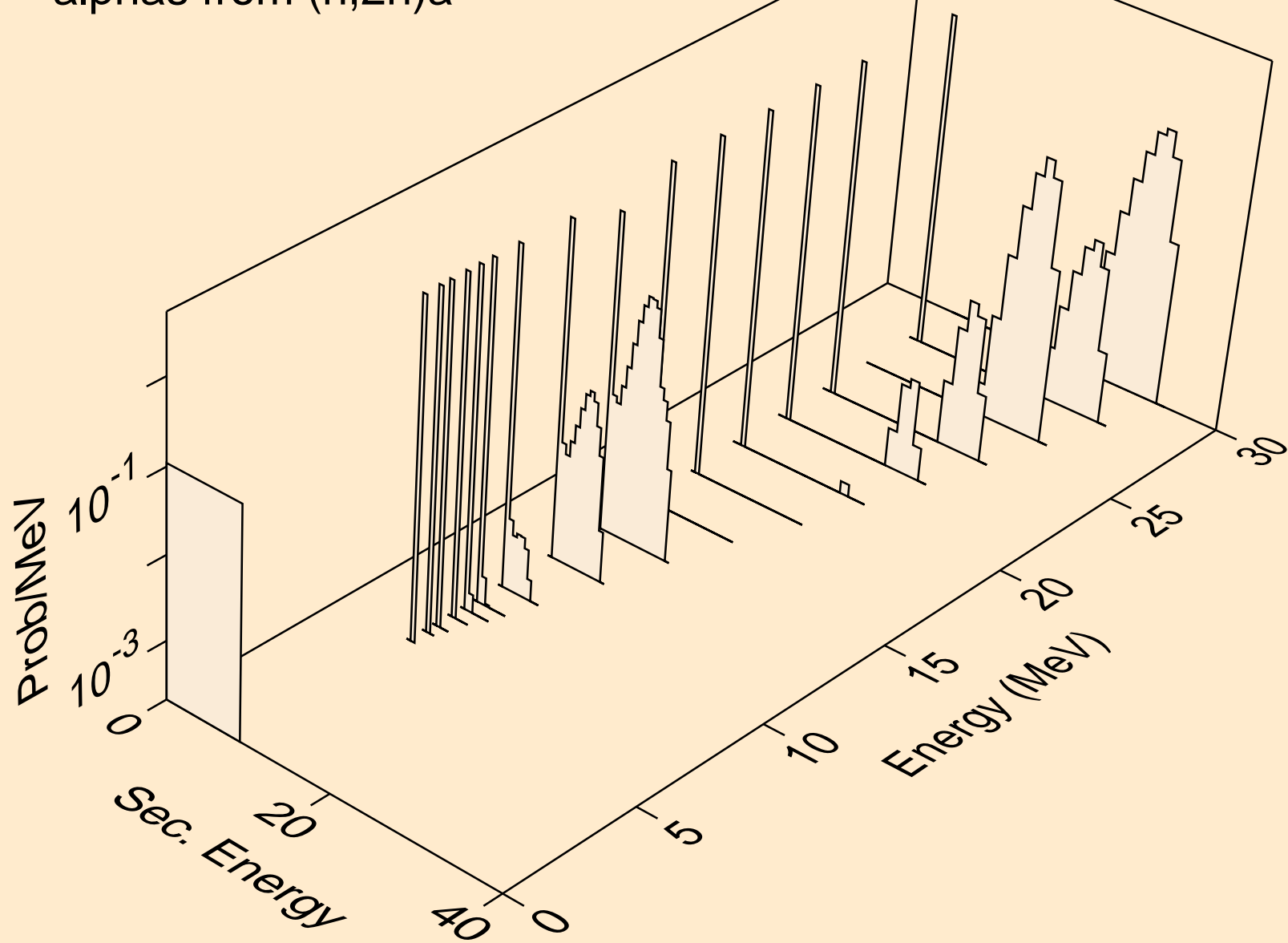
MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a

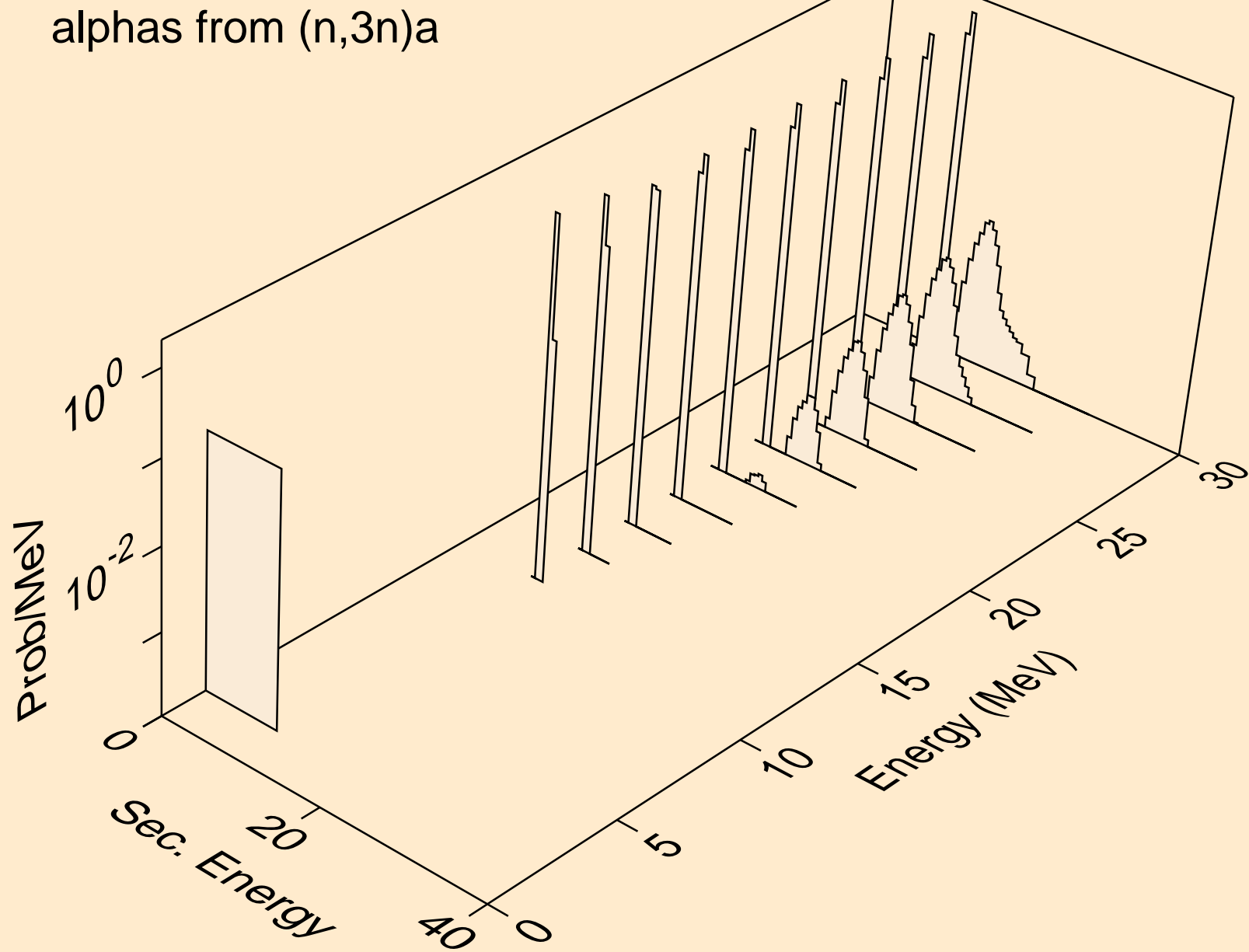


MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a





MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



MT279 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

