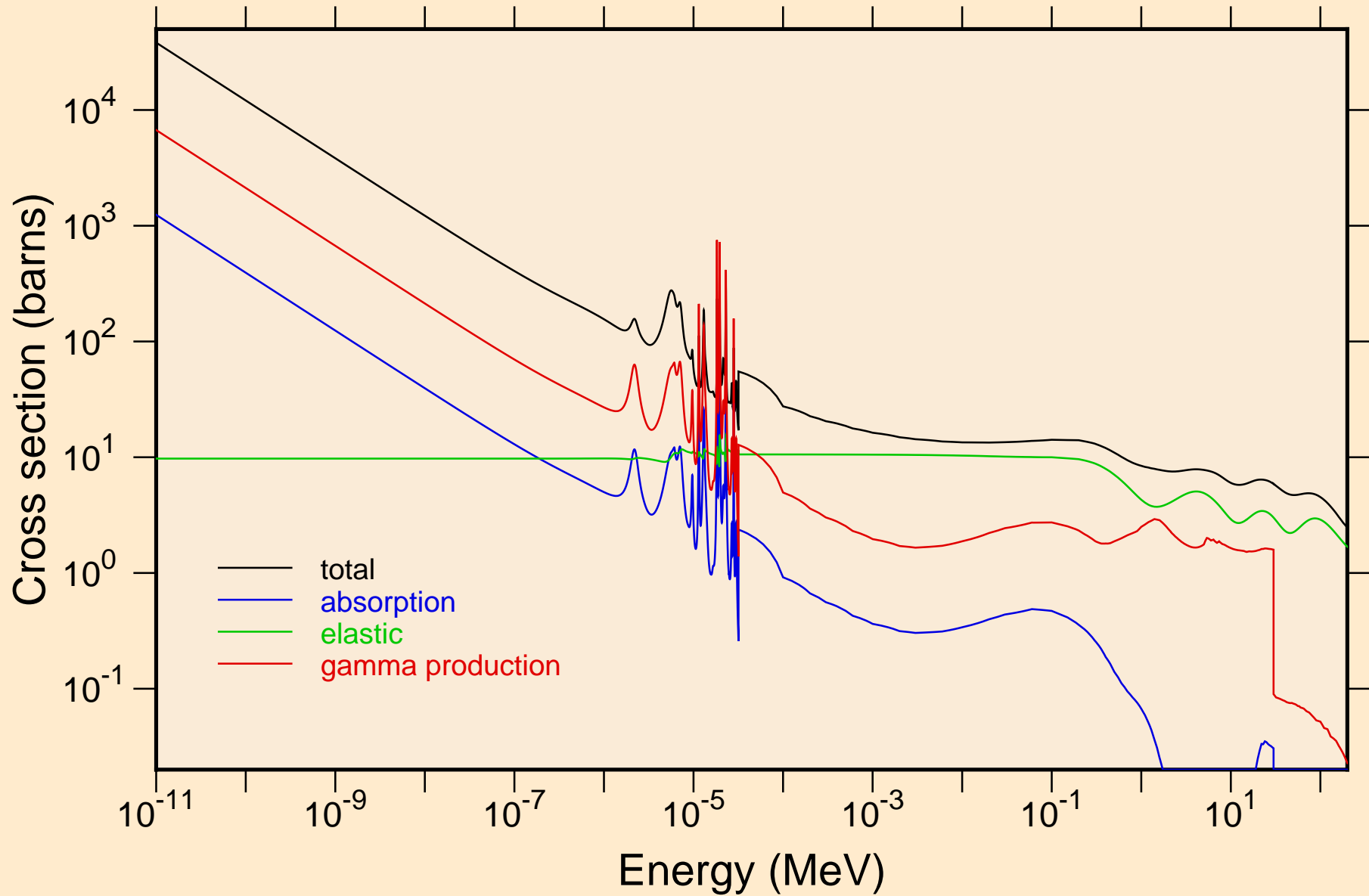
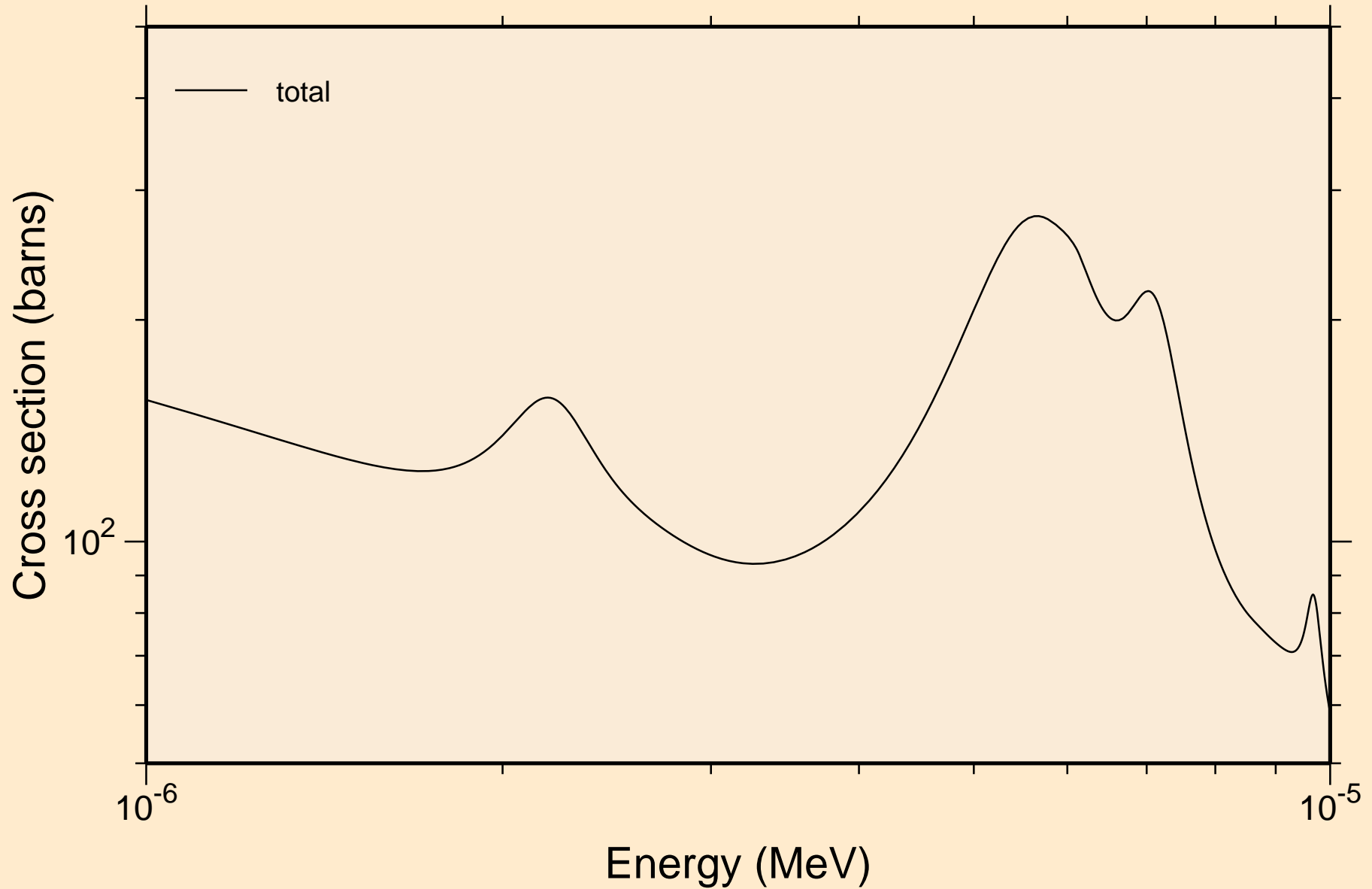


# FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

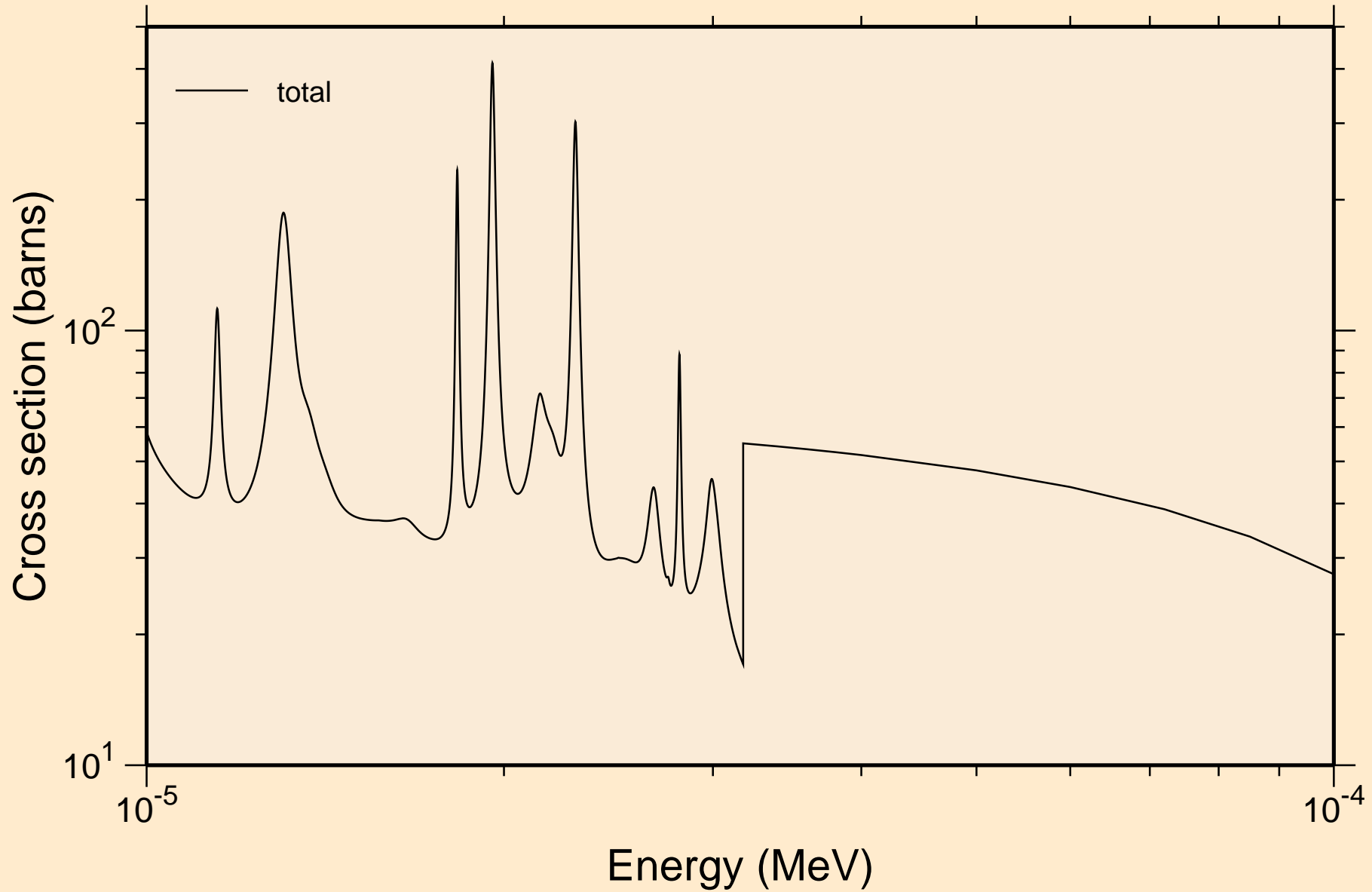
## Principal cross sections



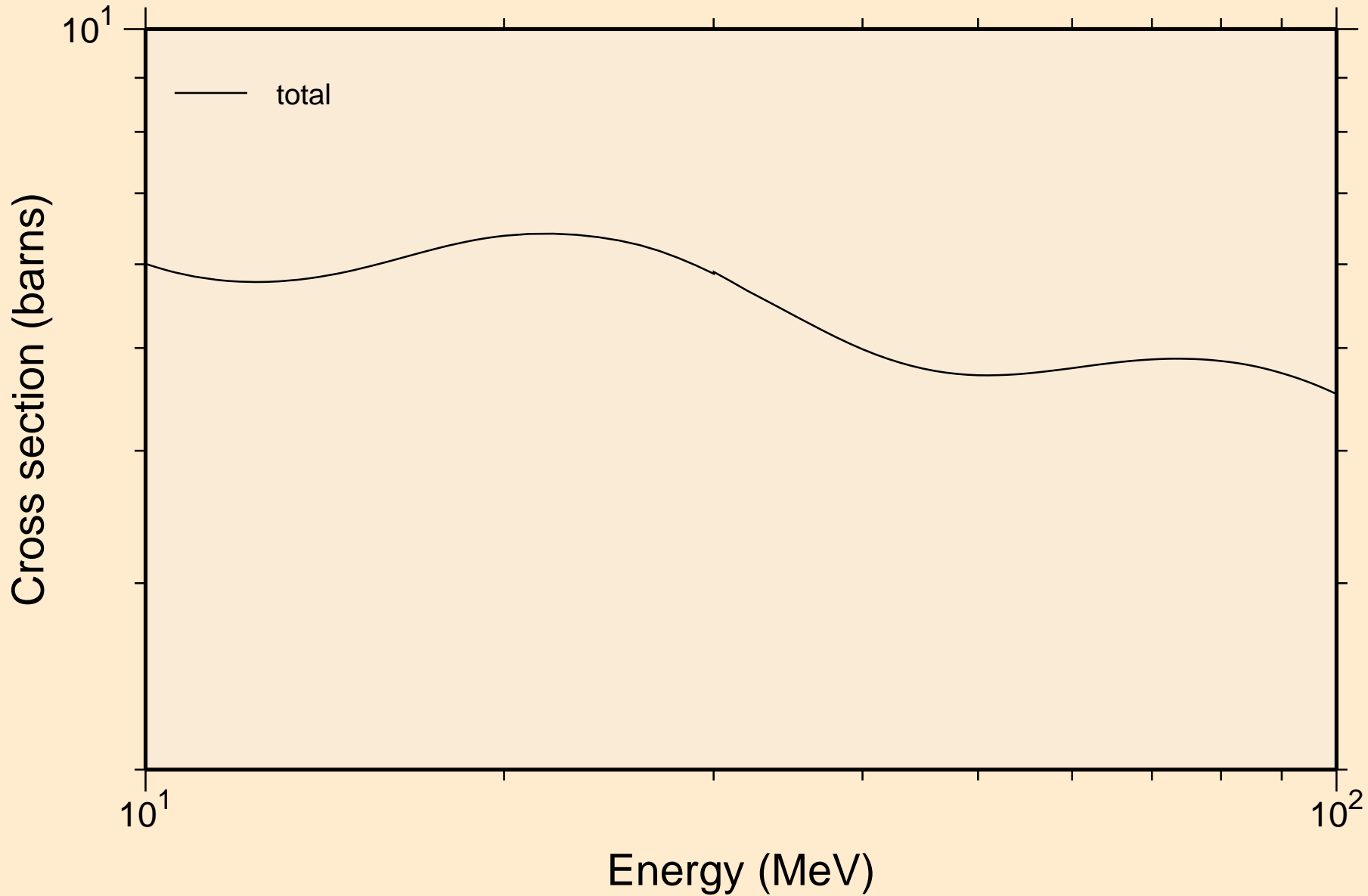
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



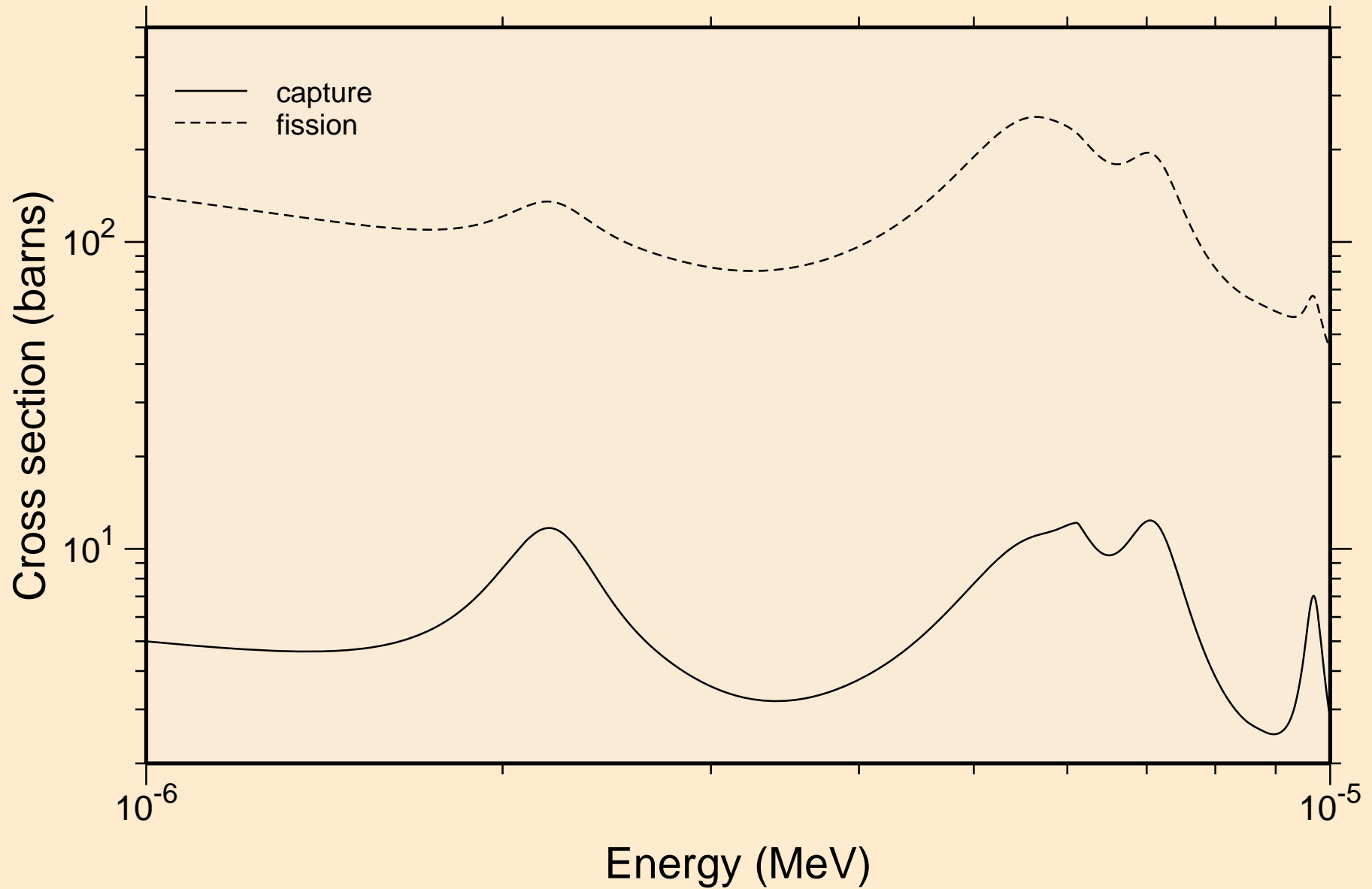
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resonance total cross section



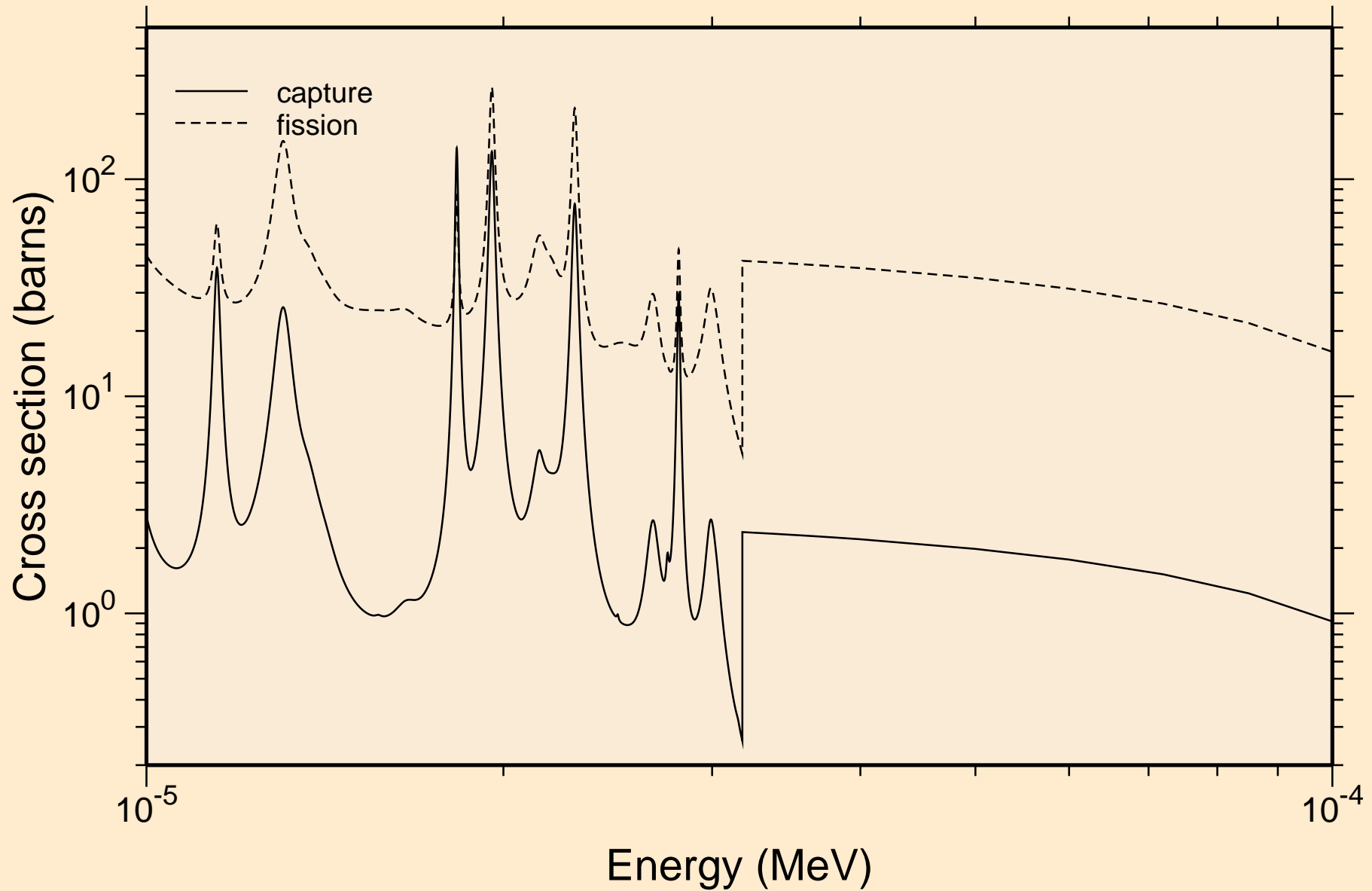
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resonance total cross section



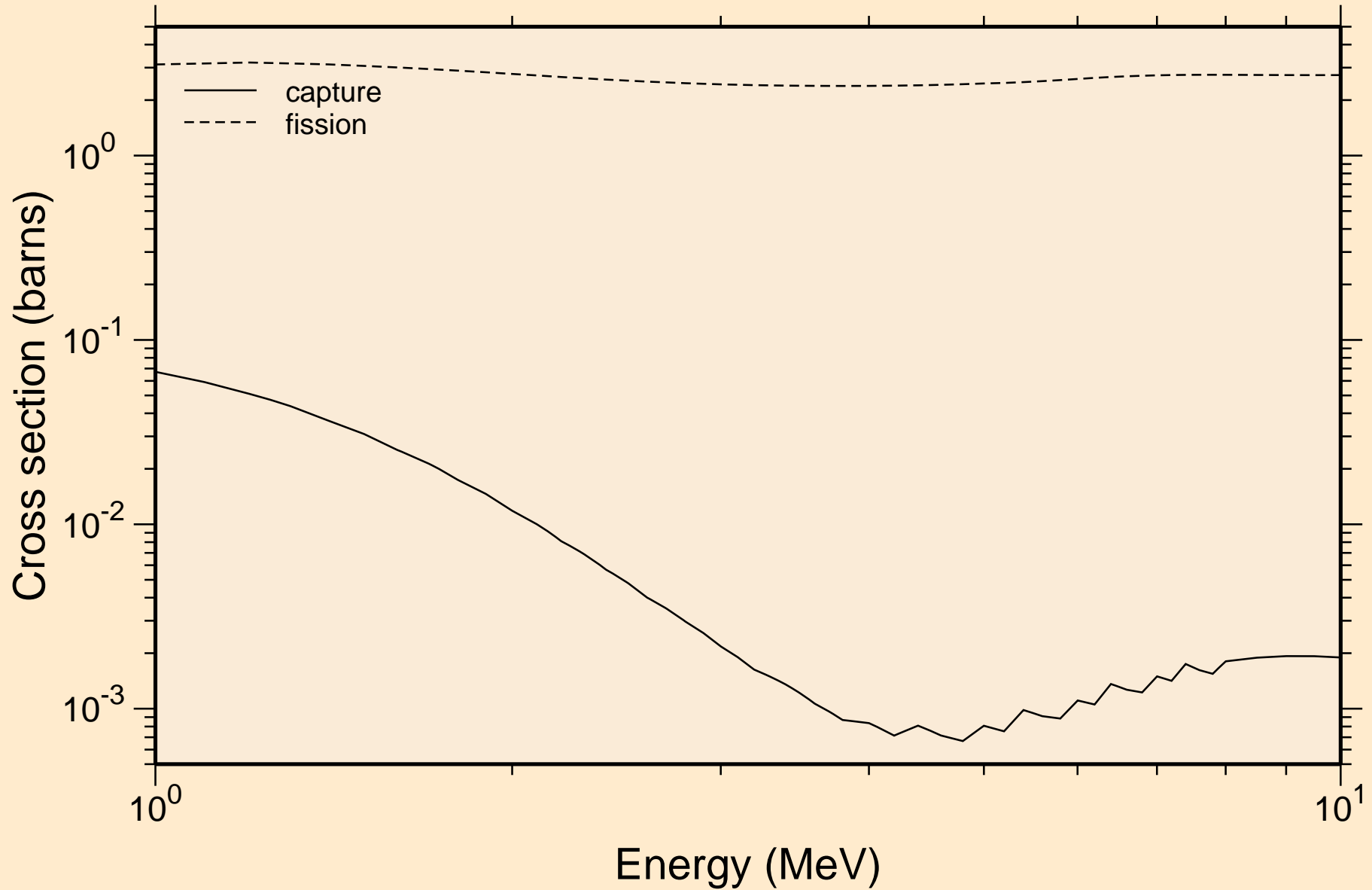
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



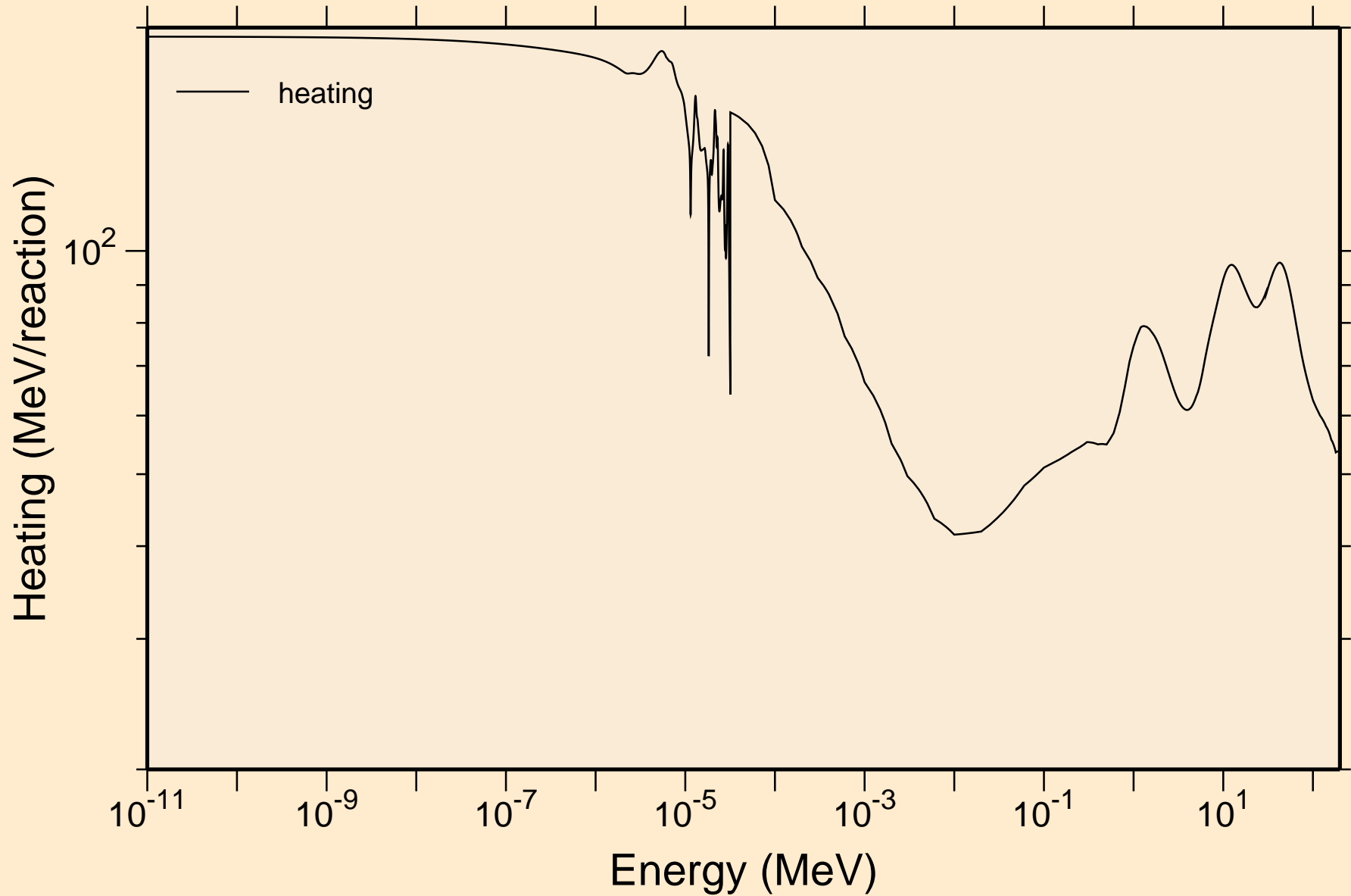
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

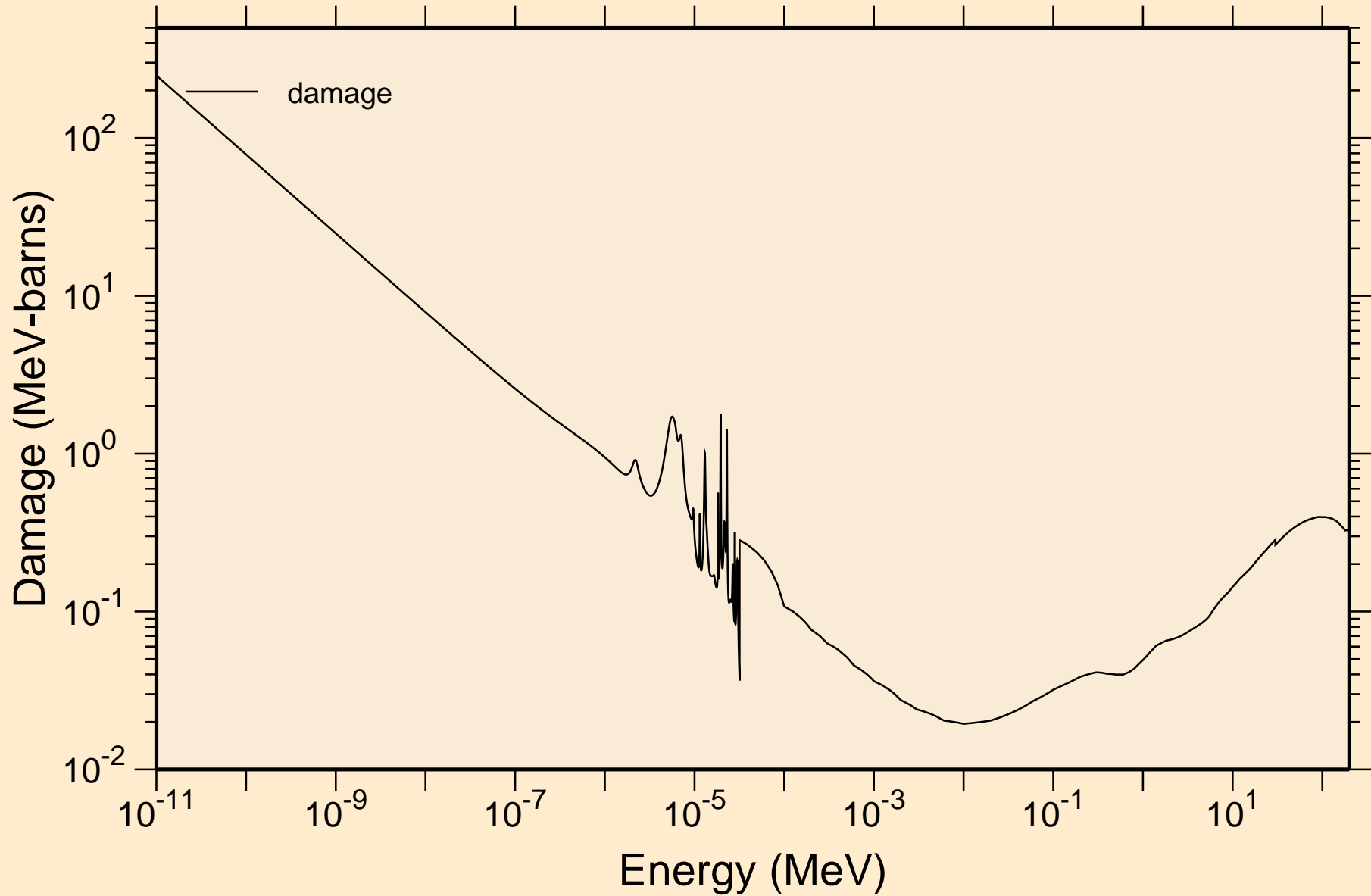


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



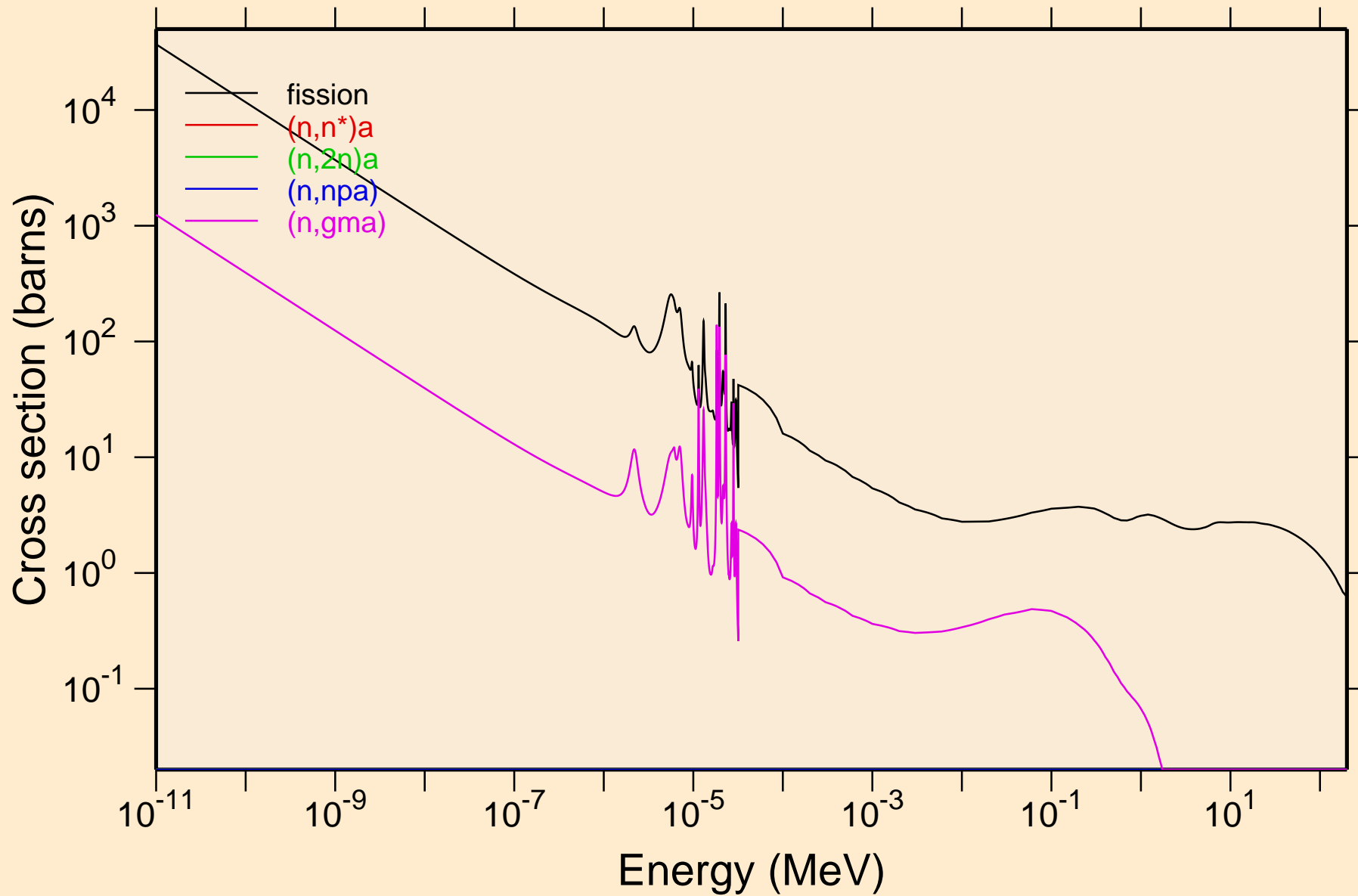


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

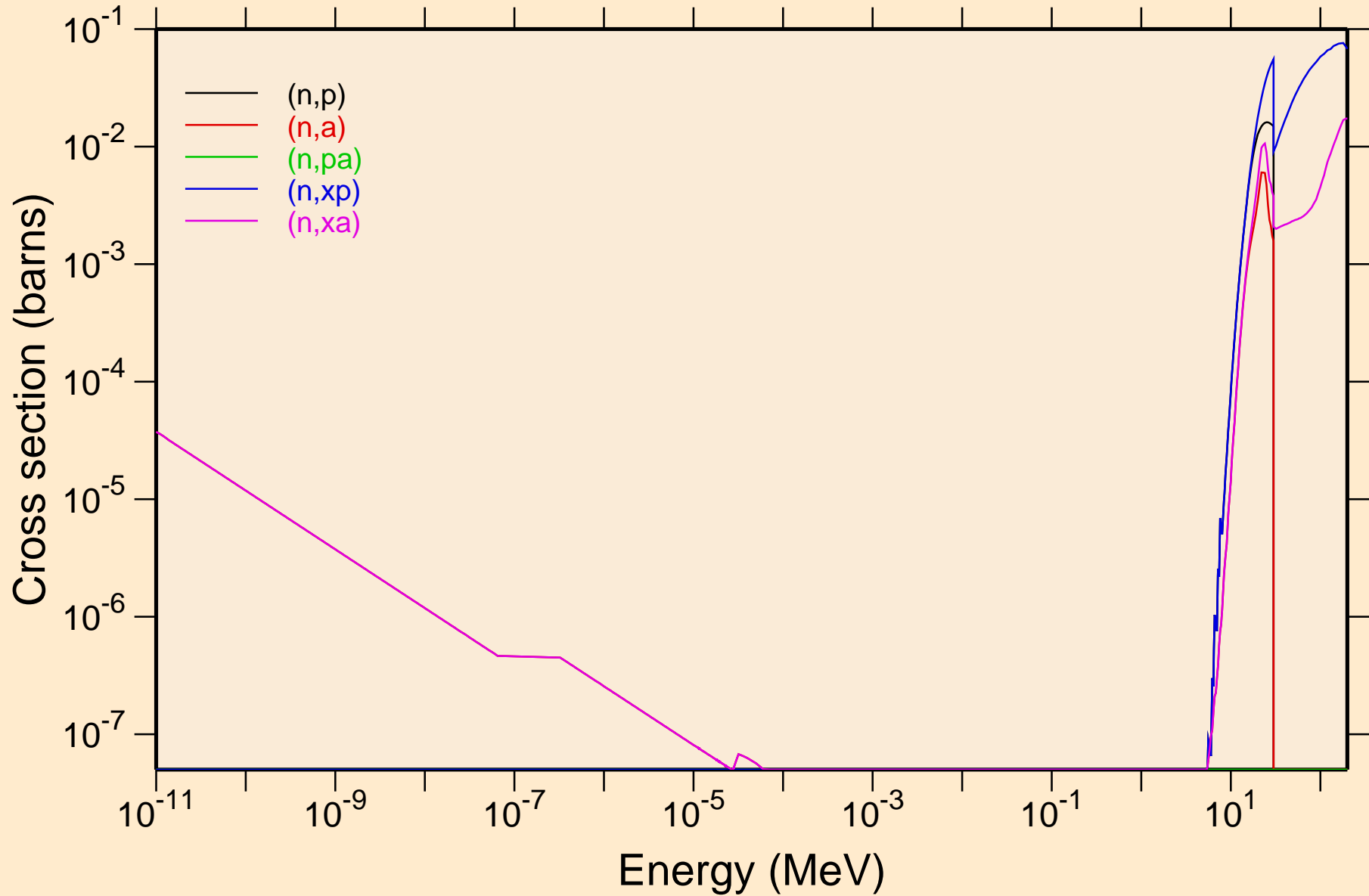


# FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

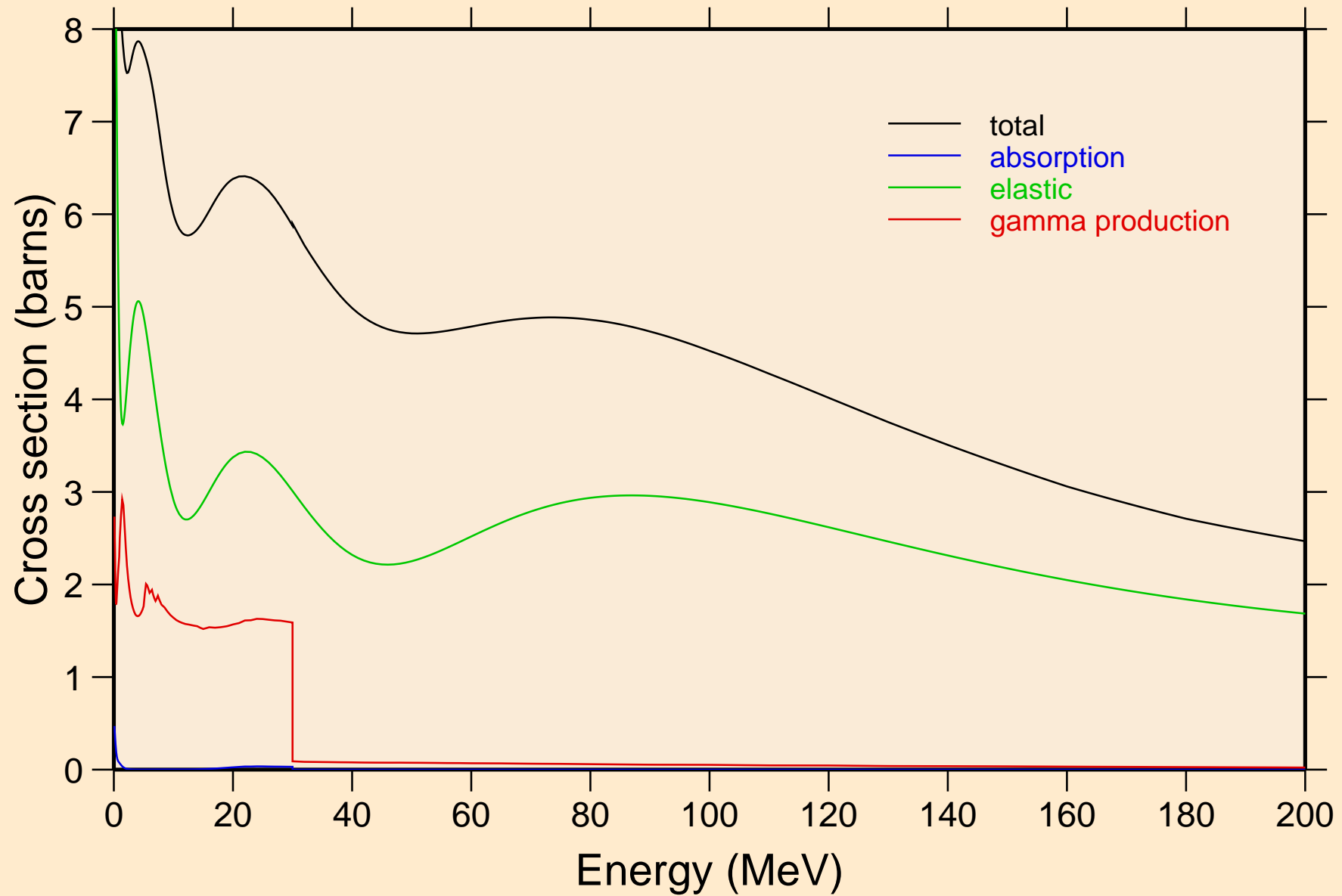


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

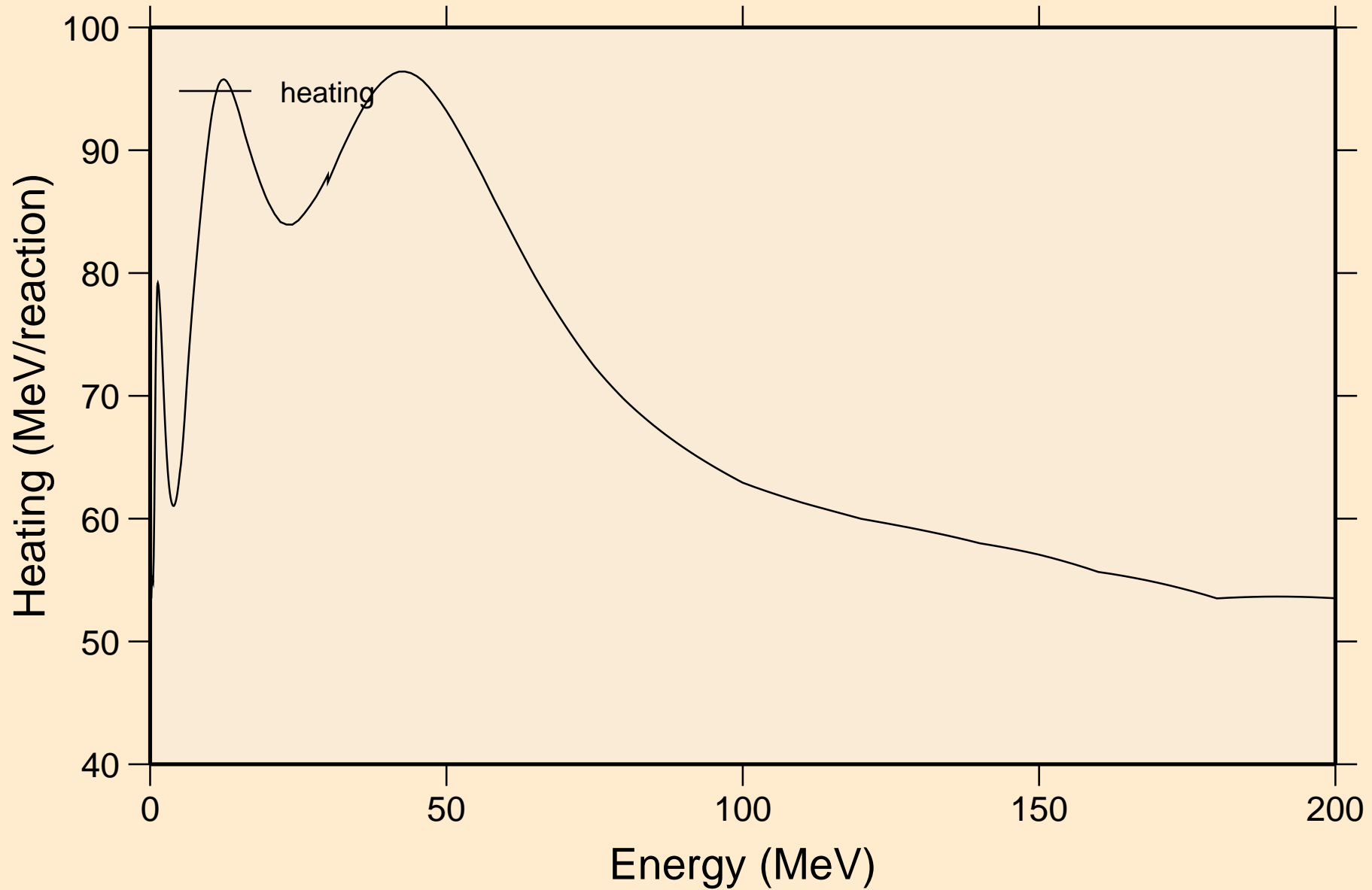


# FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

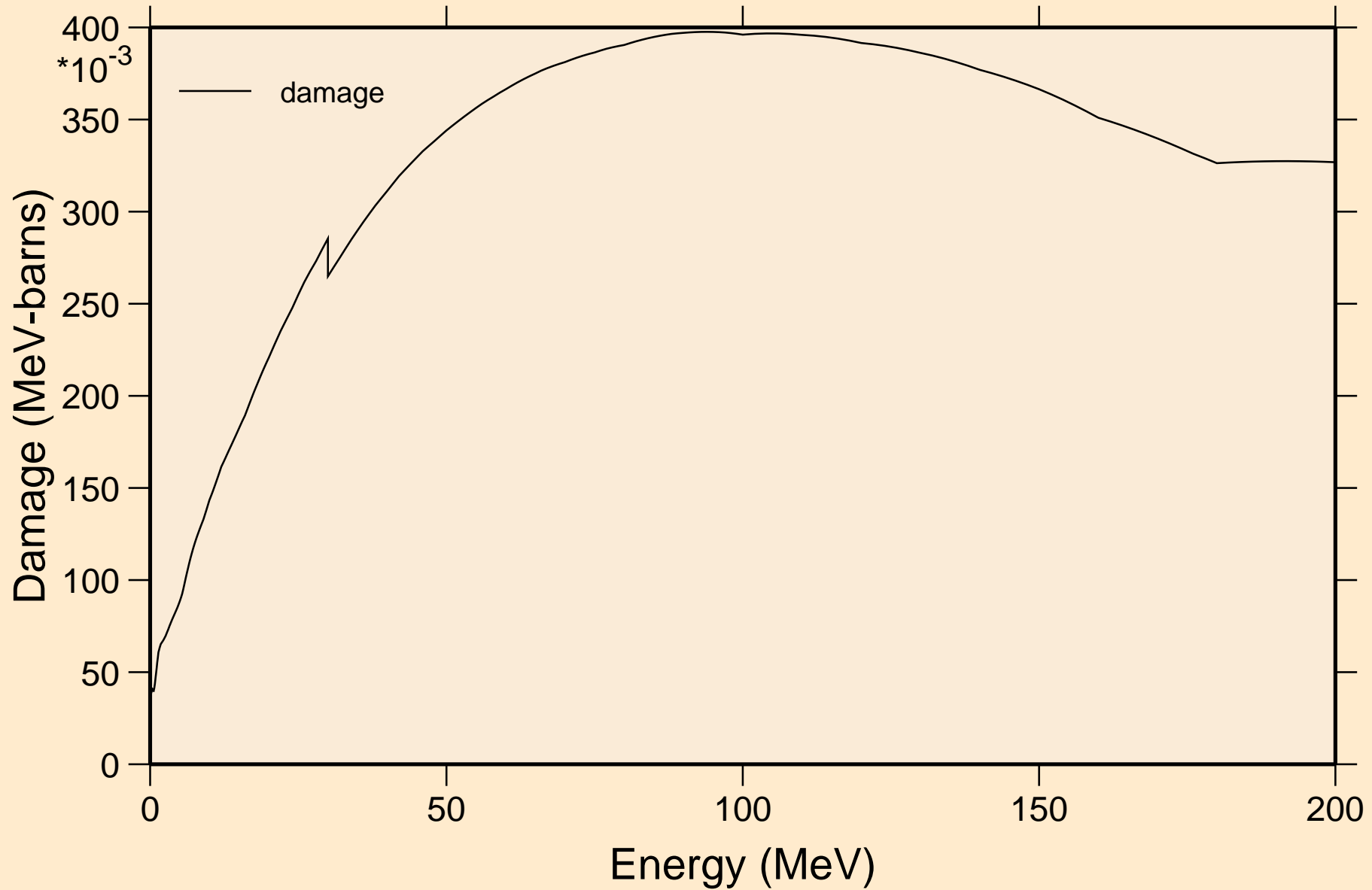
## Principal cross sections



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

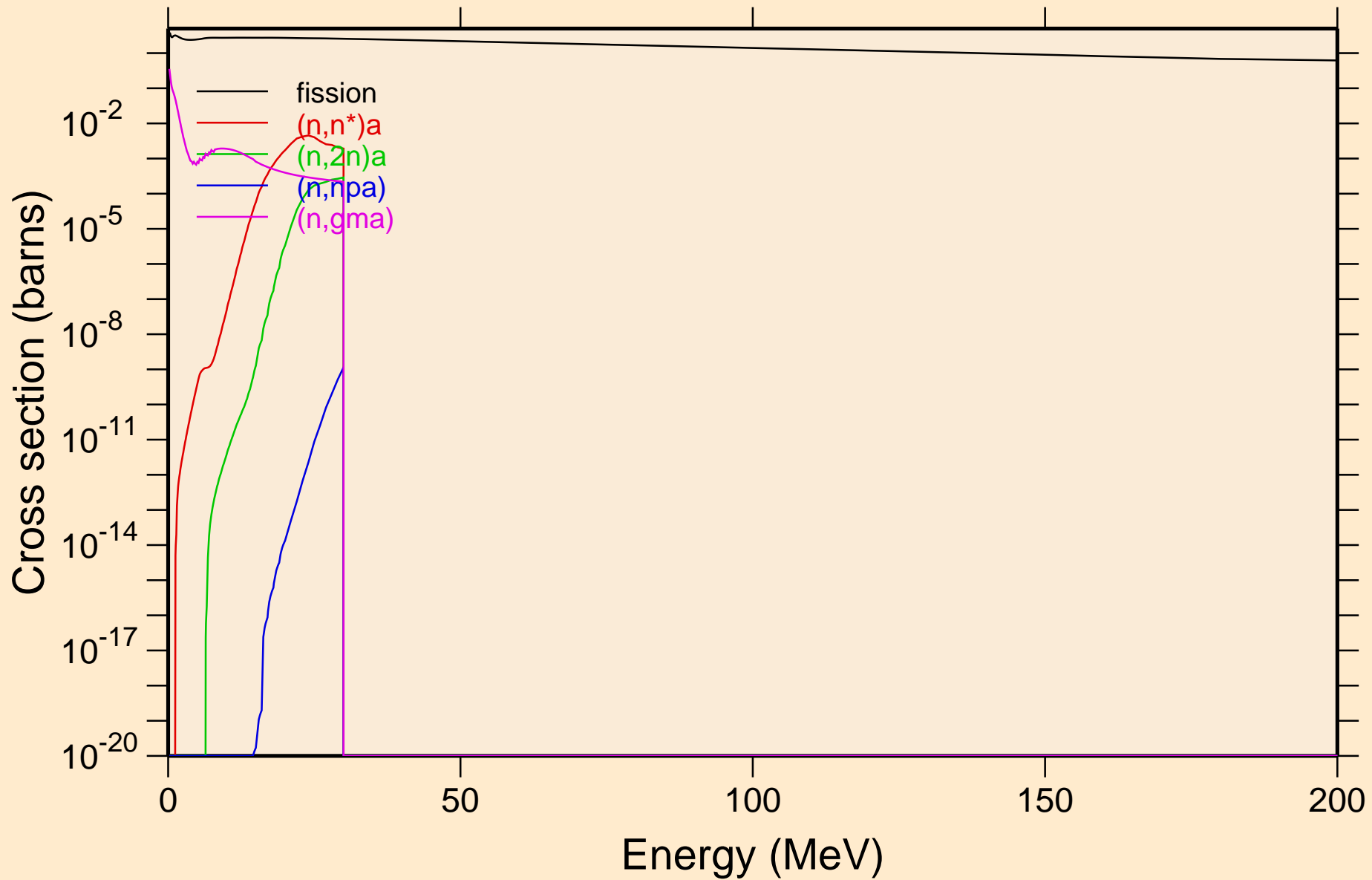


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



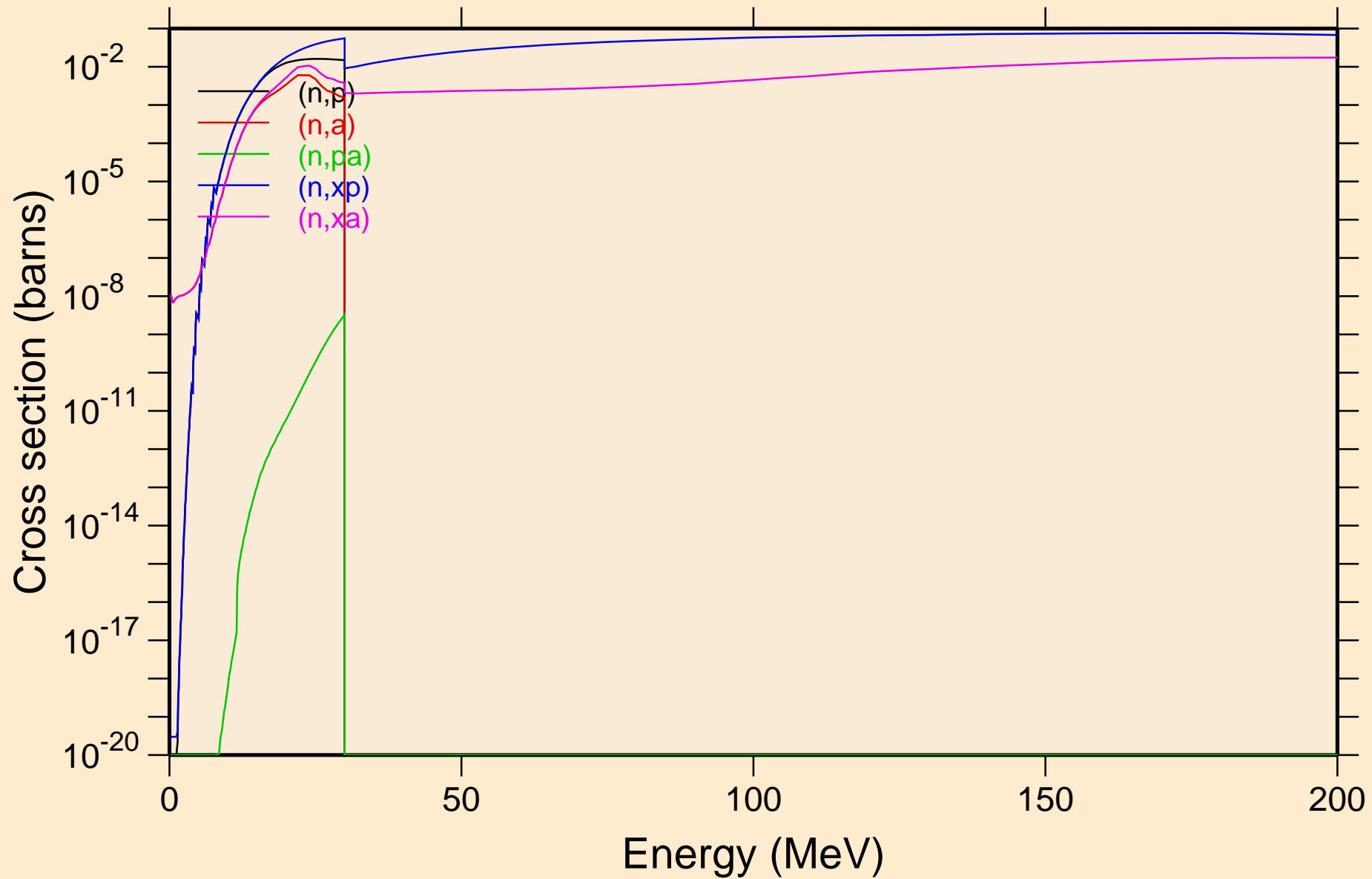
# FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



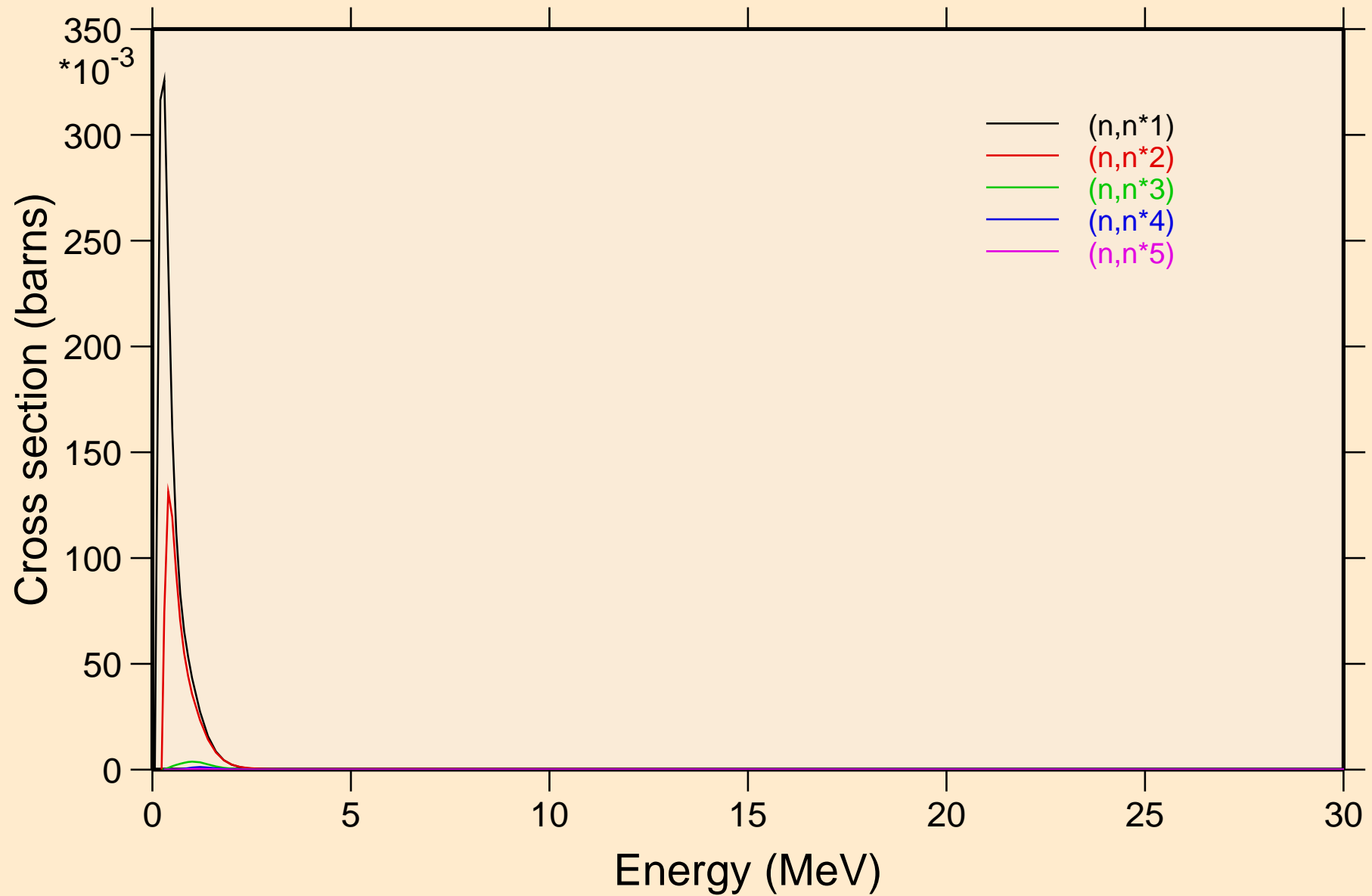
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## Non-threshold reactions

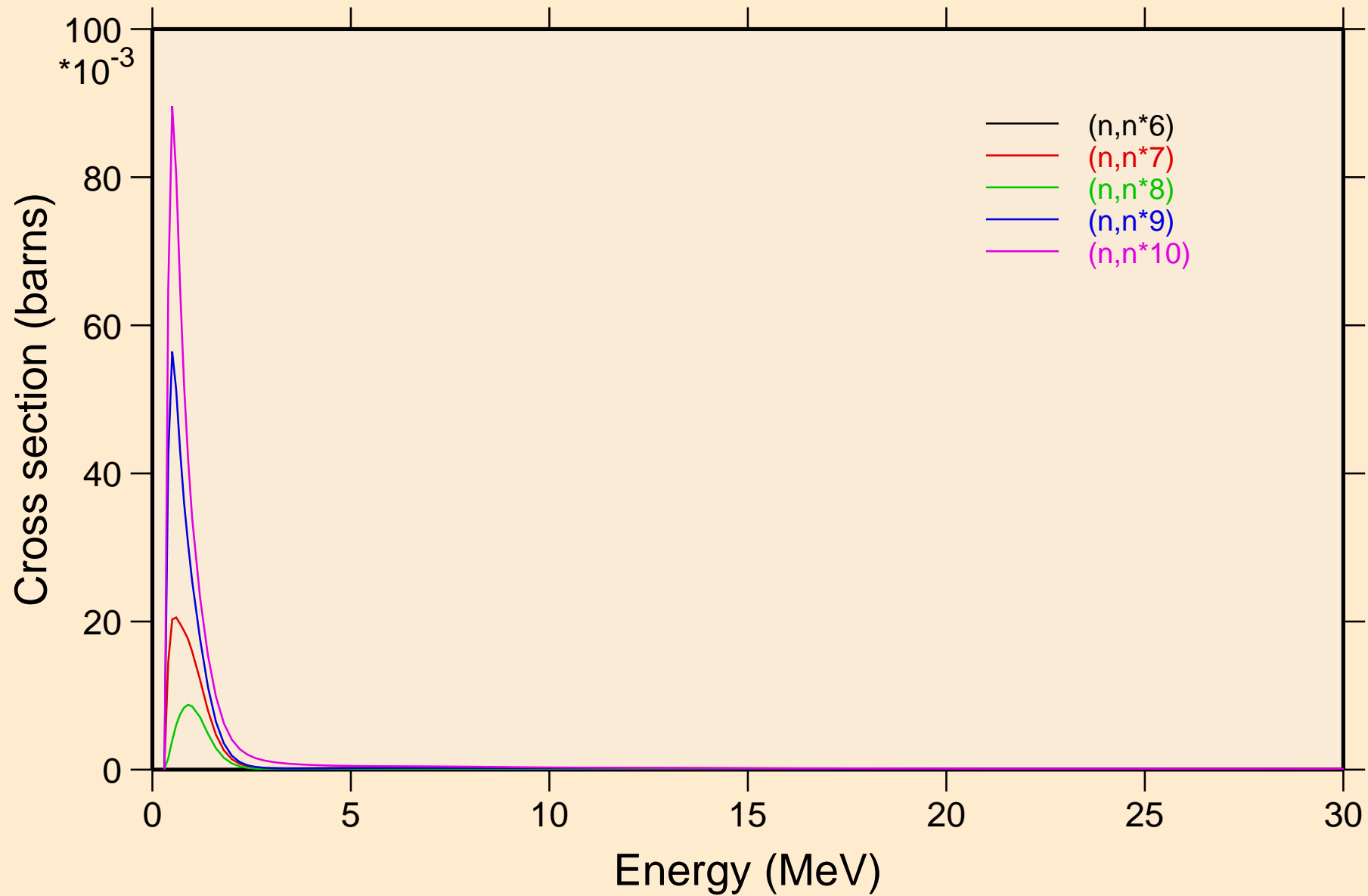




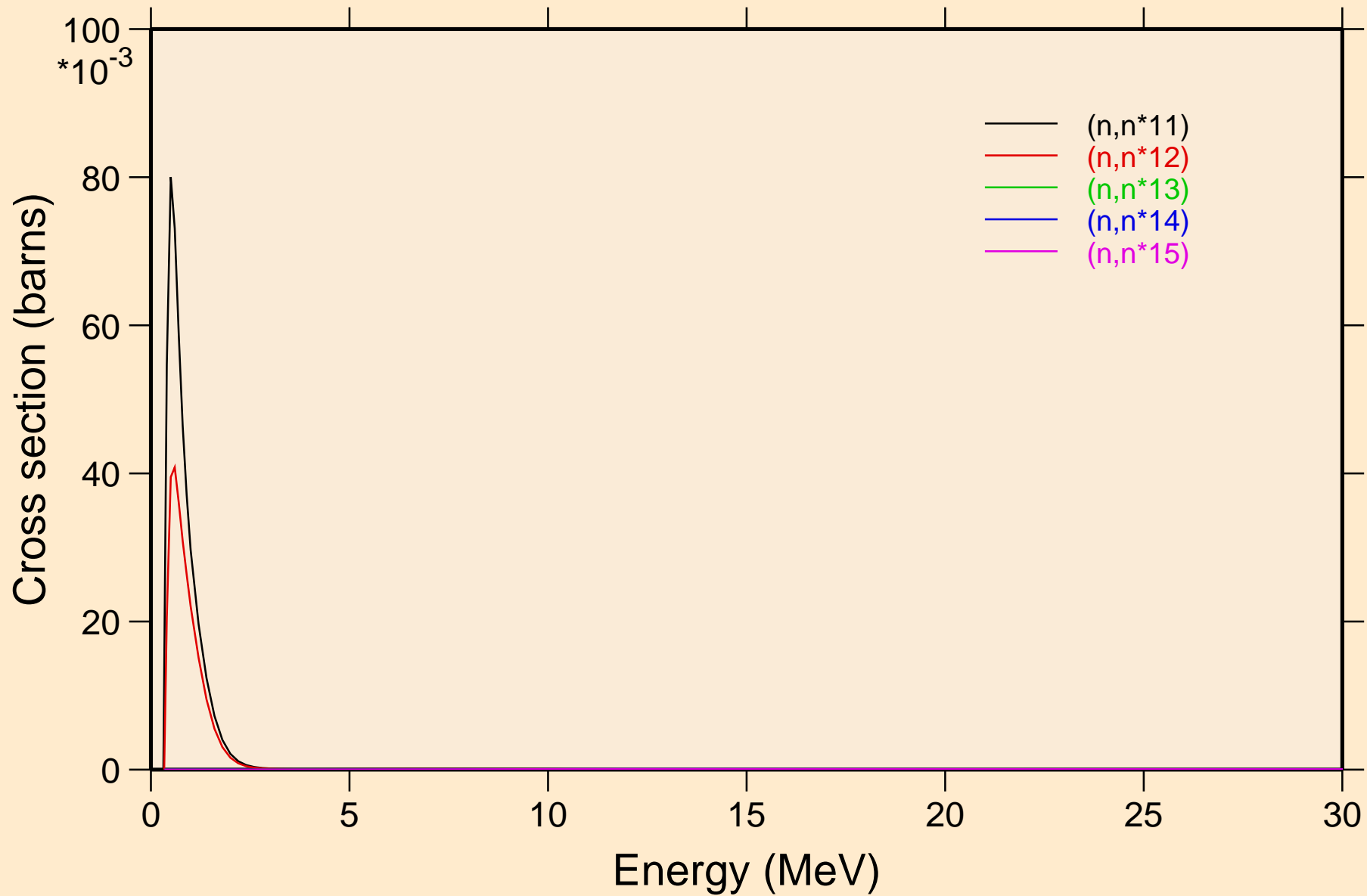
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



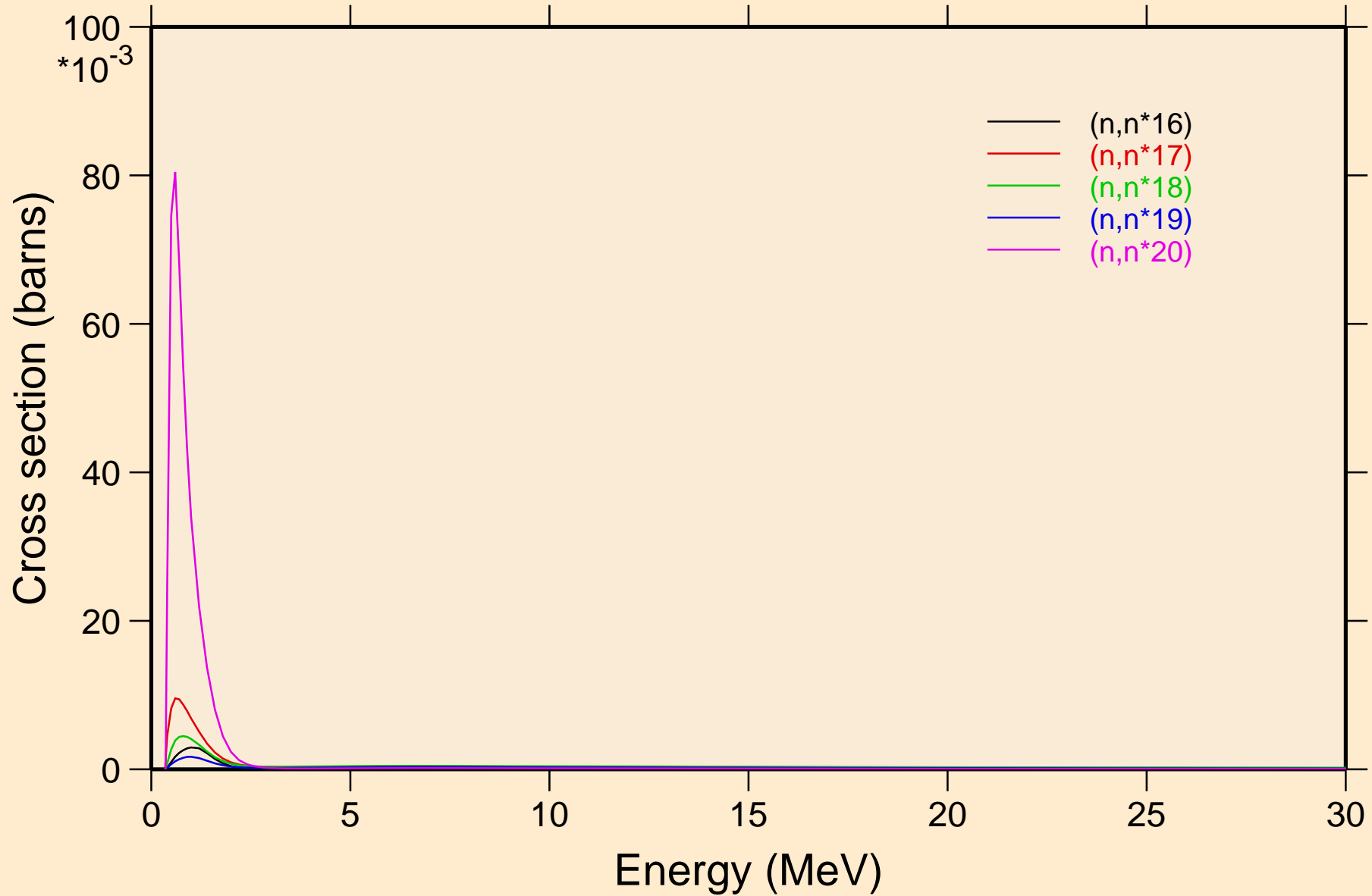
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



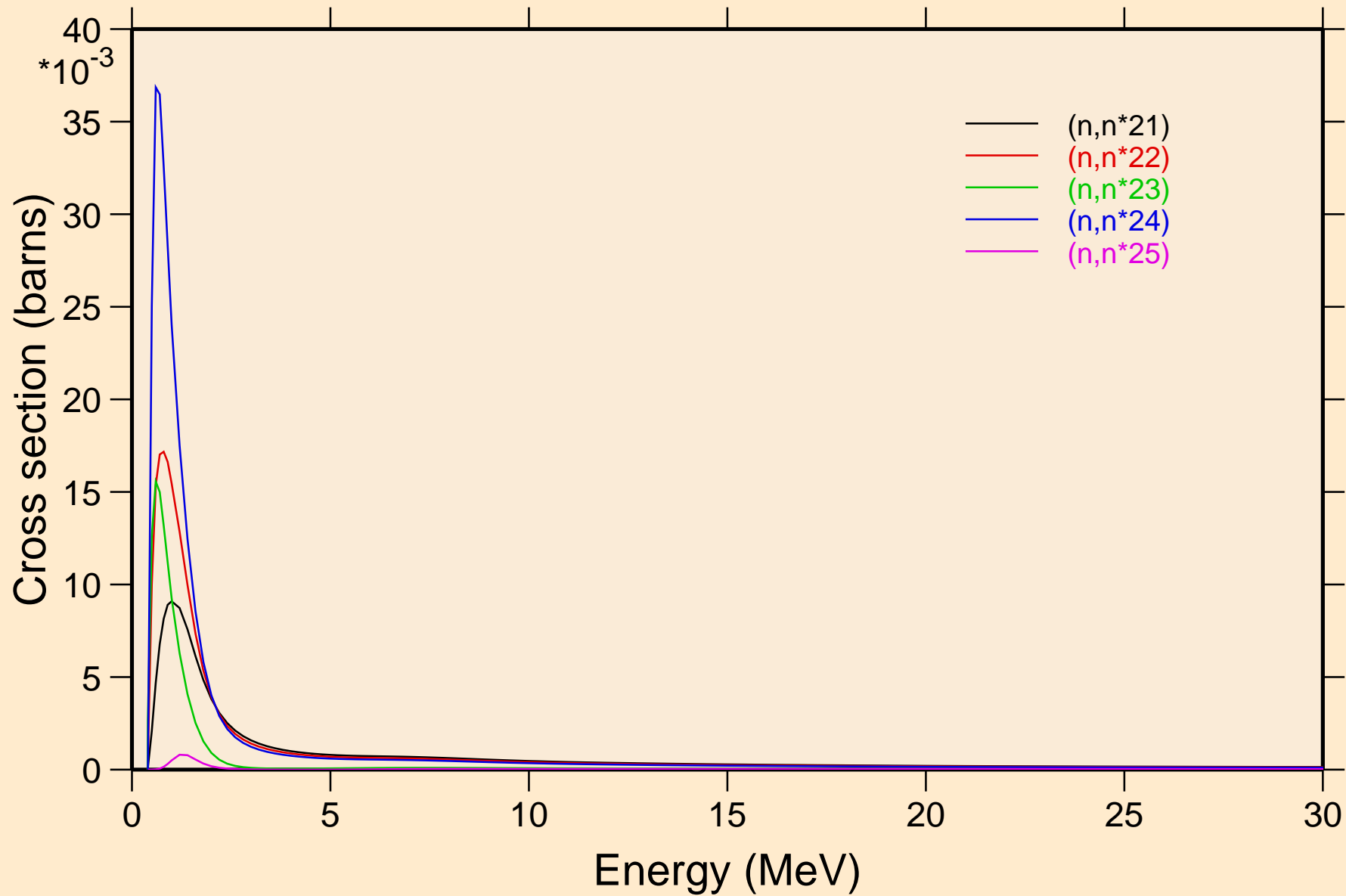
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



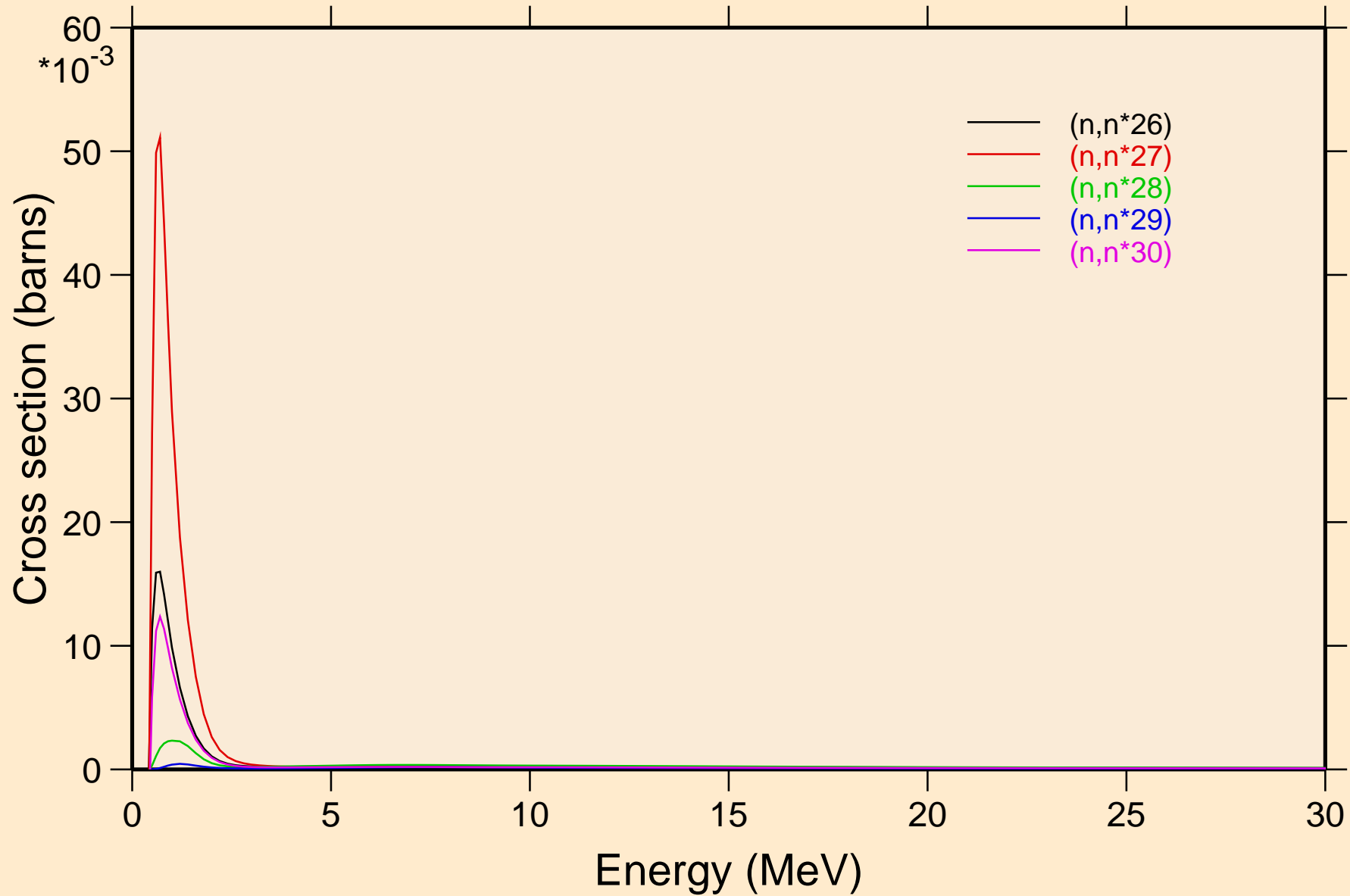
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

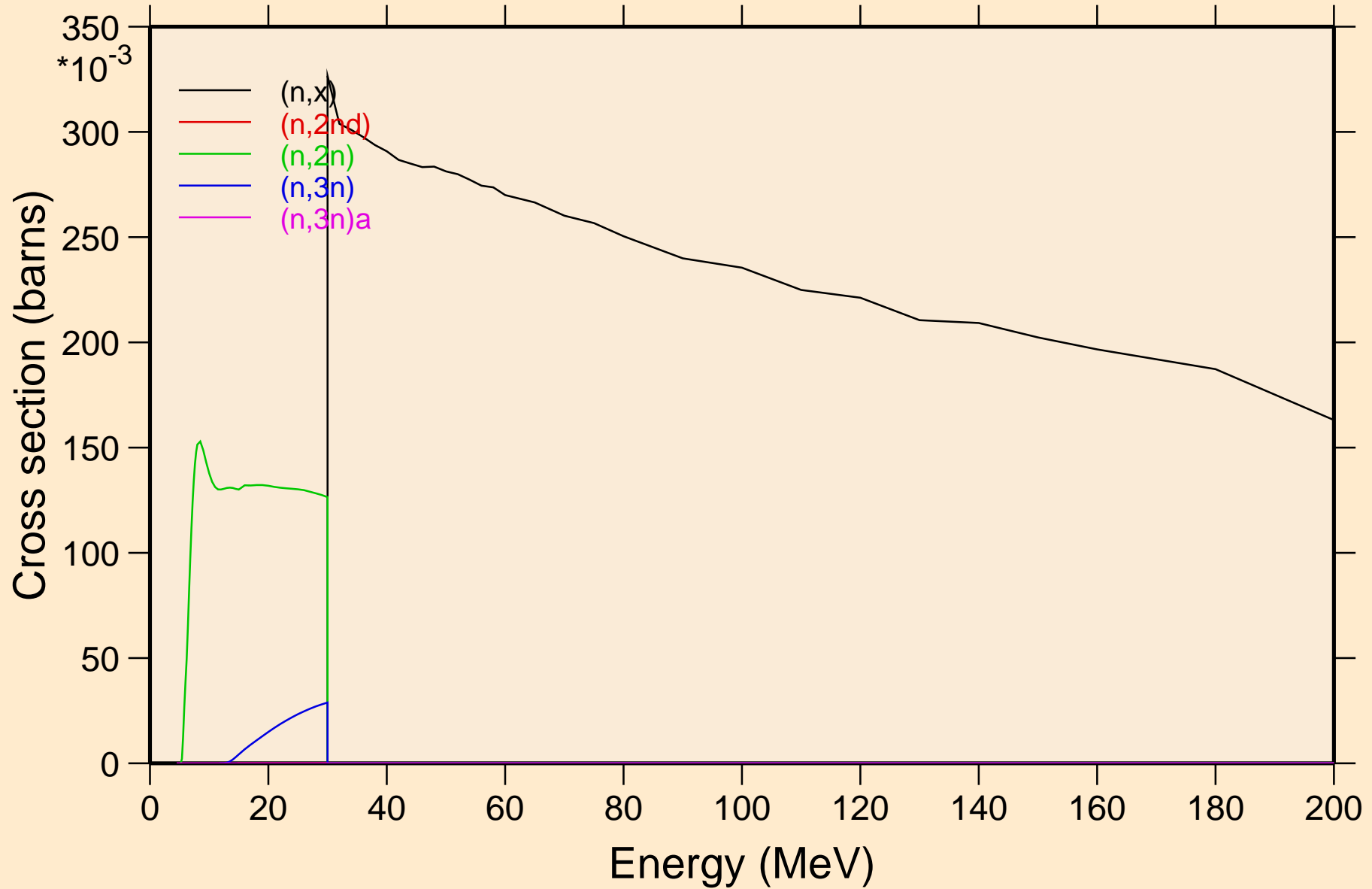


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



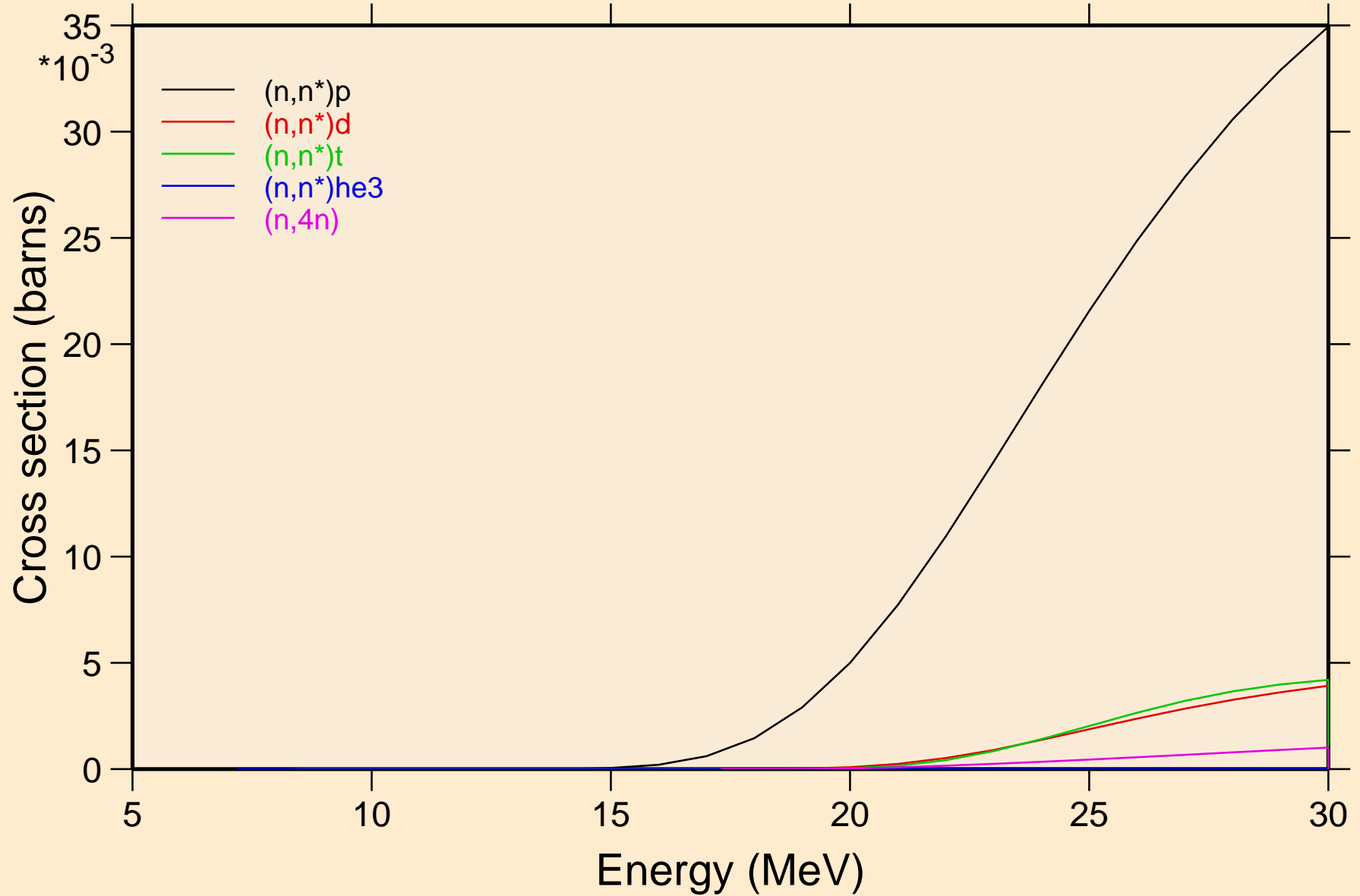
# FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

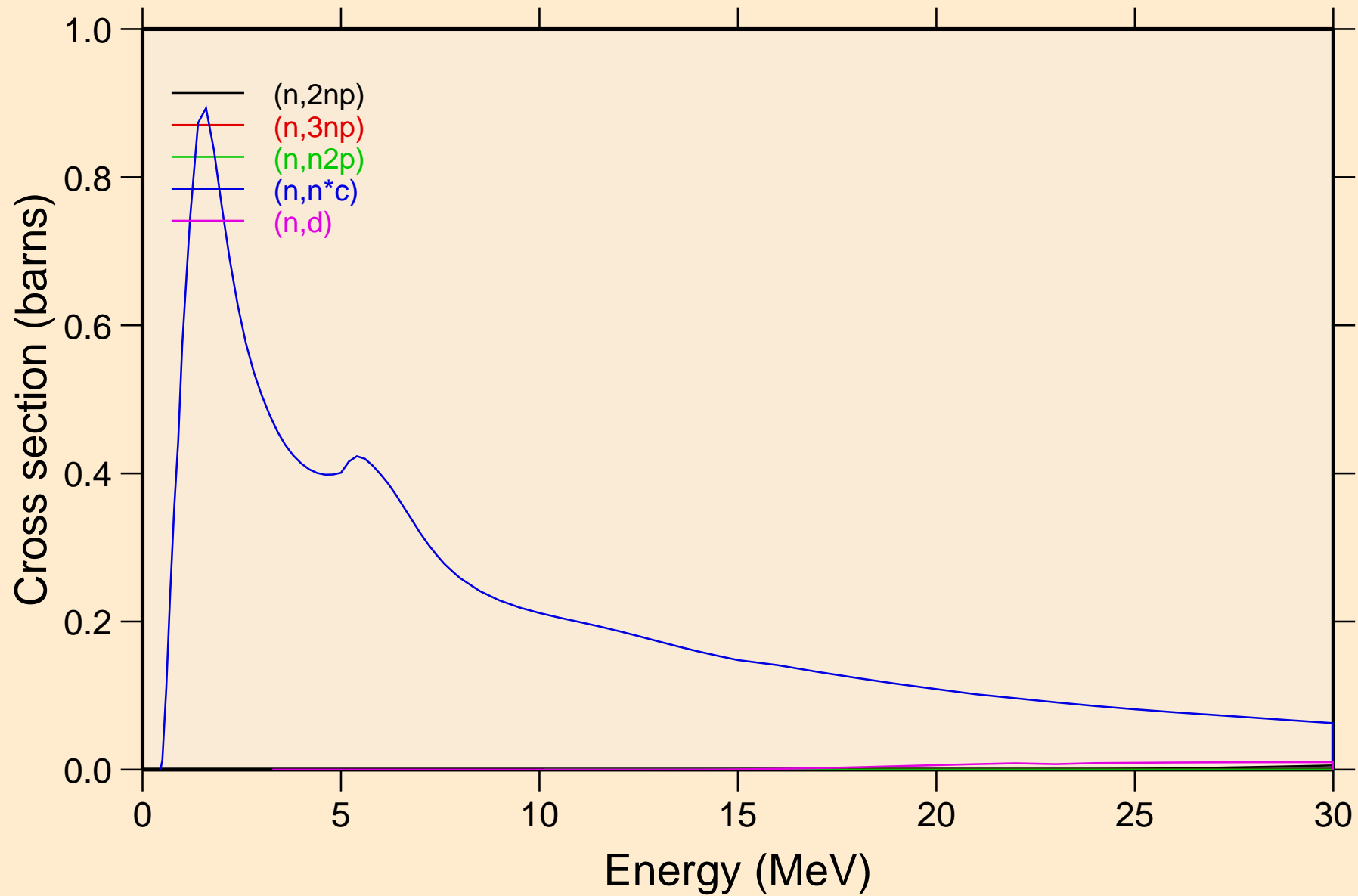
## Threshold reactions





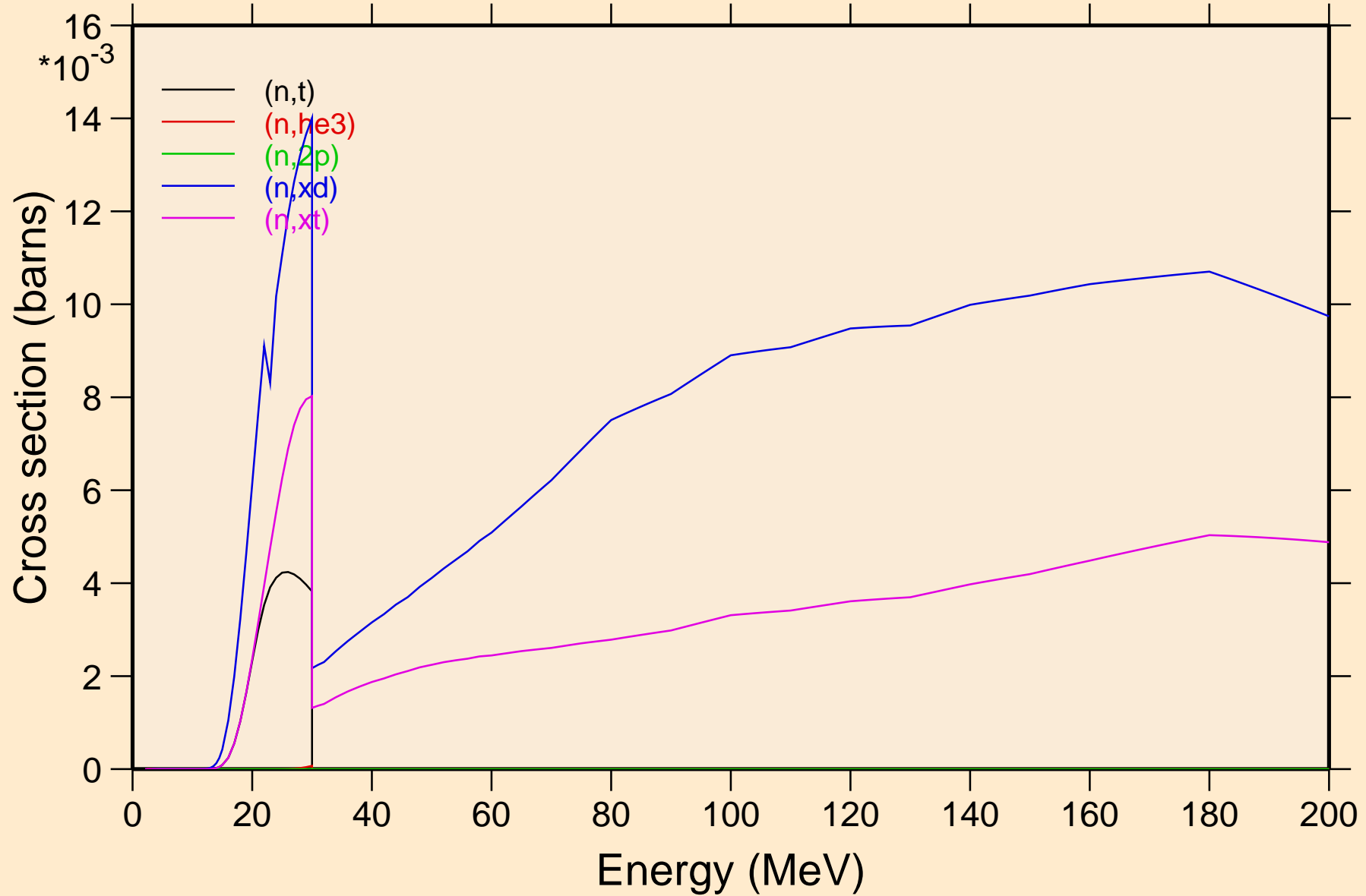
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## Threshold reactions

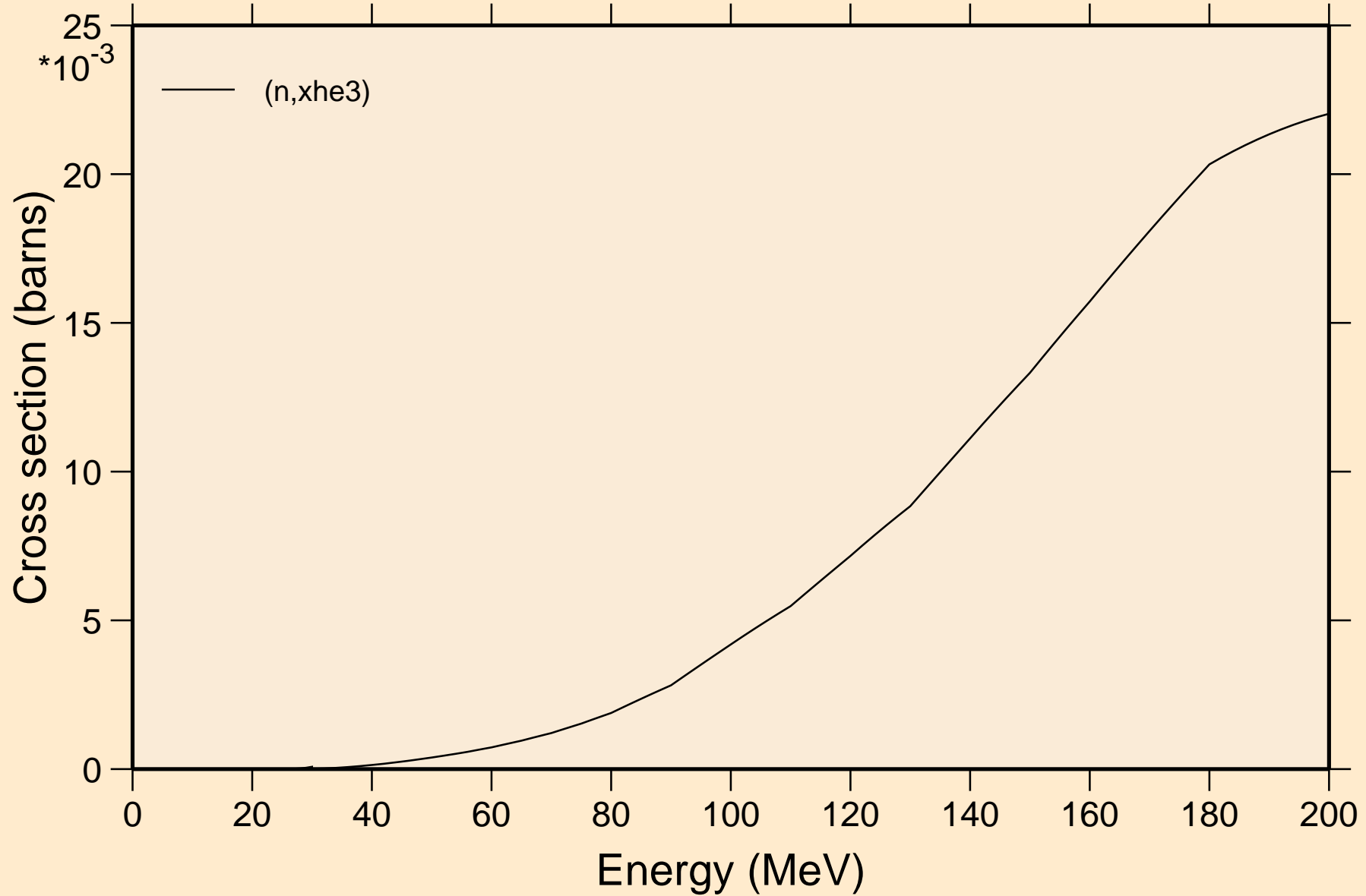


# FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

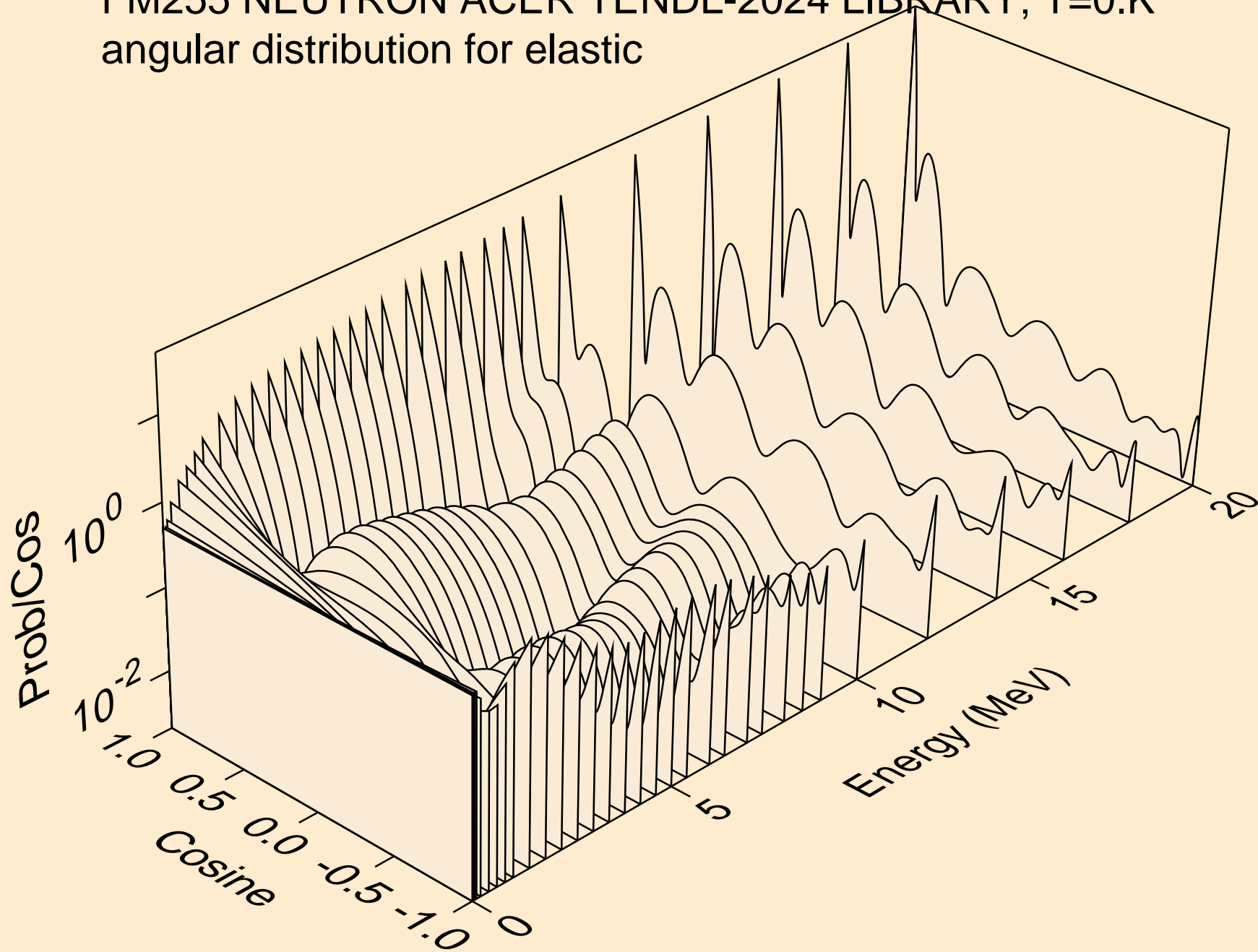
## Threshold reactions



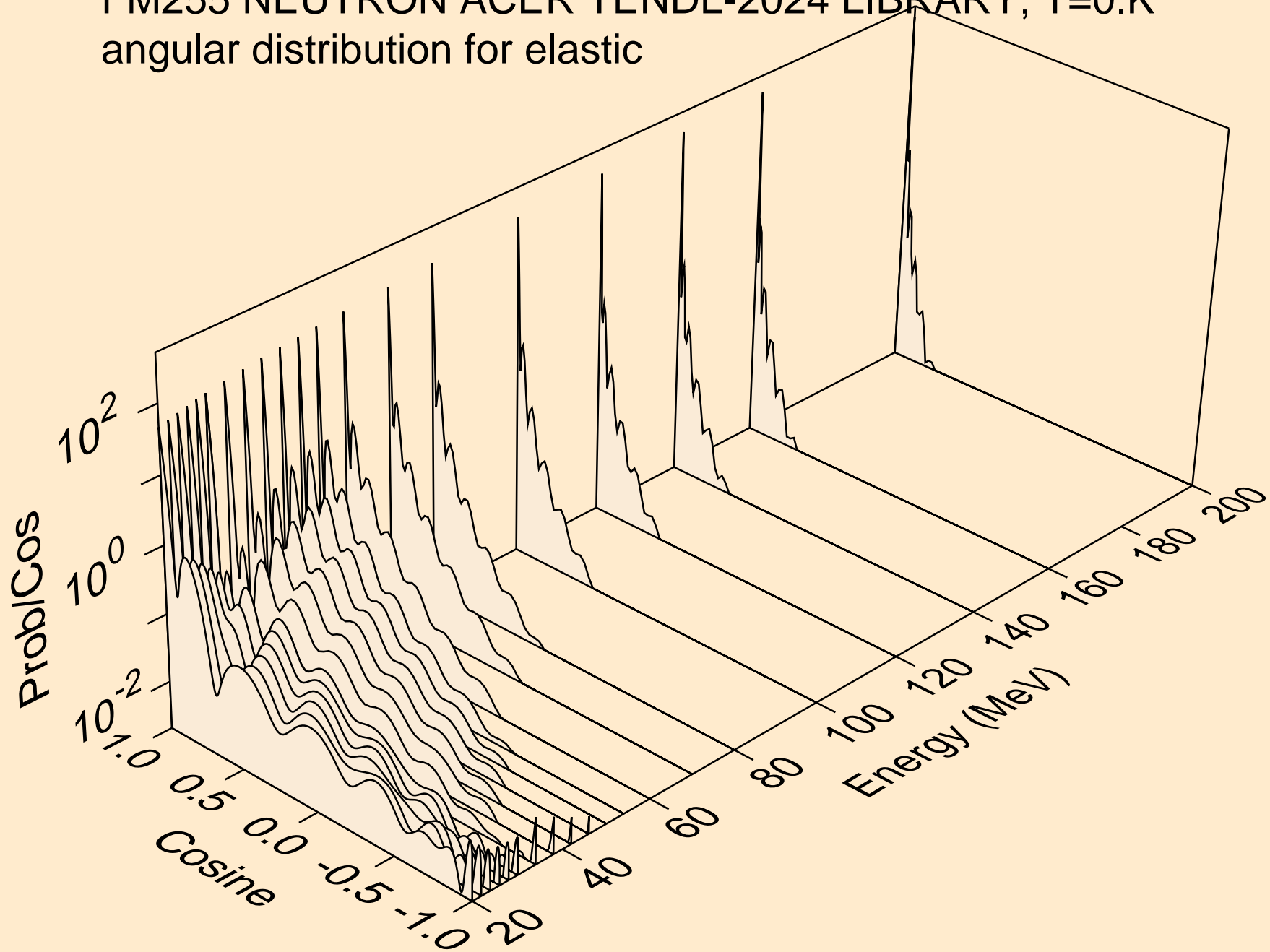
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



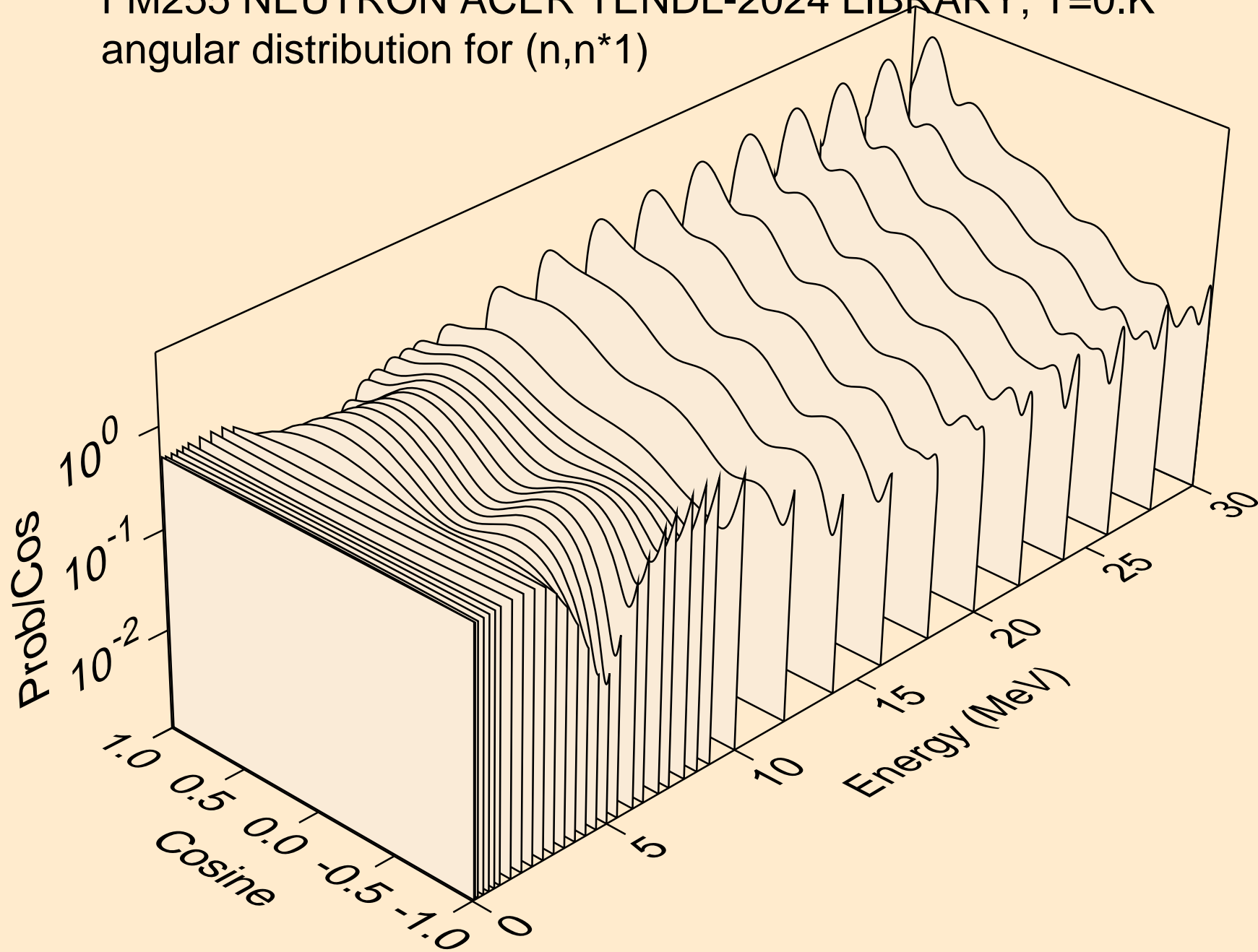
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



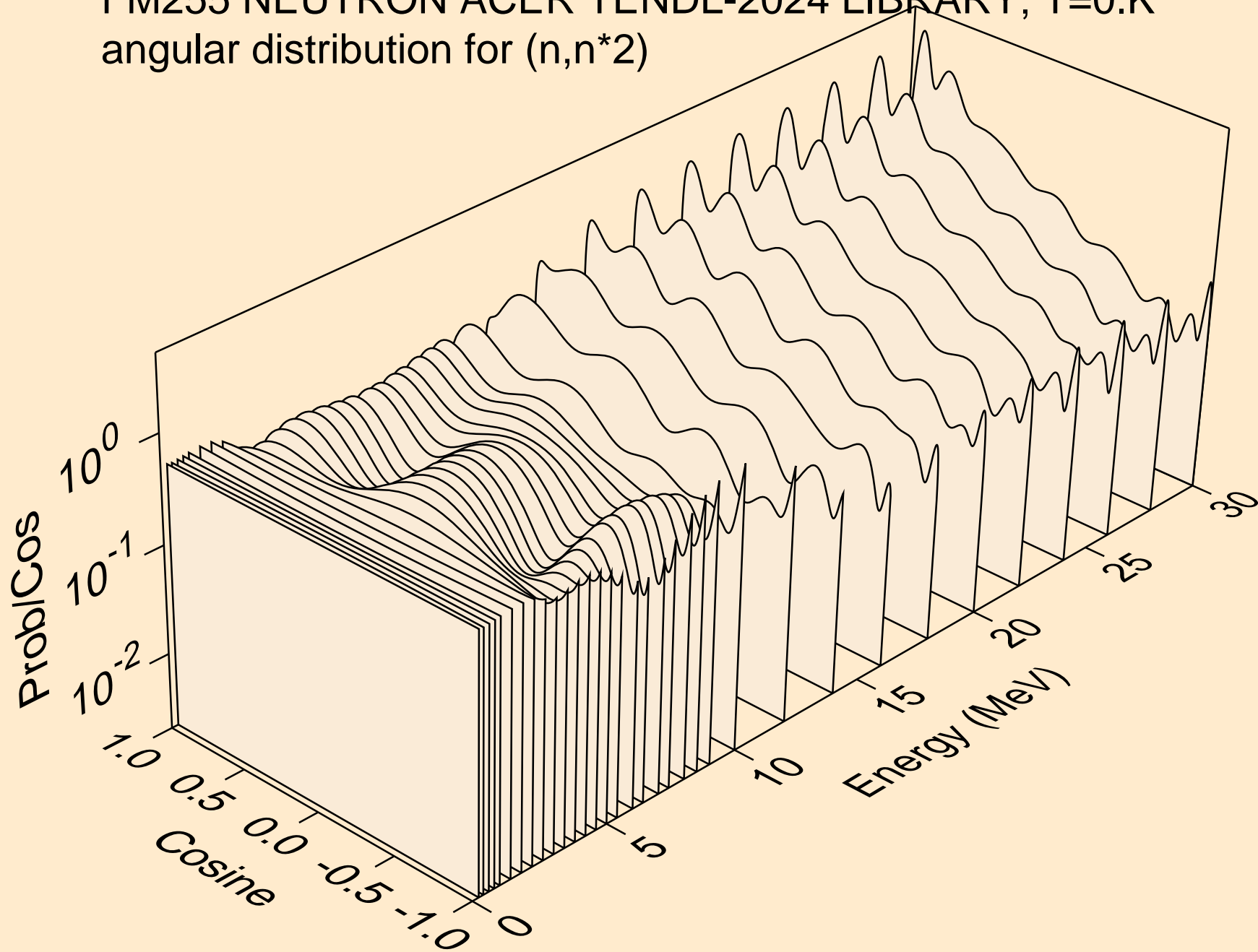
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angular distribution for elastic



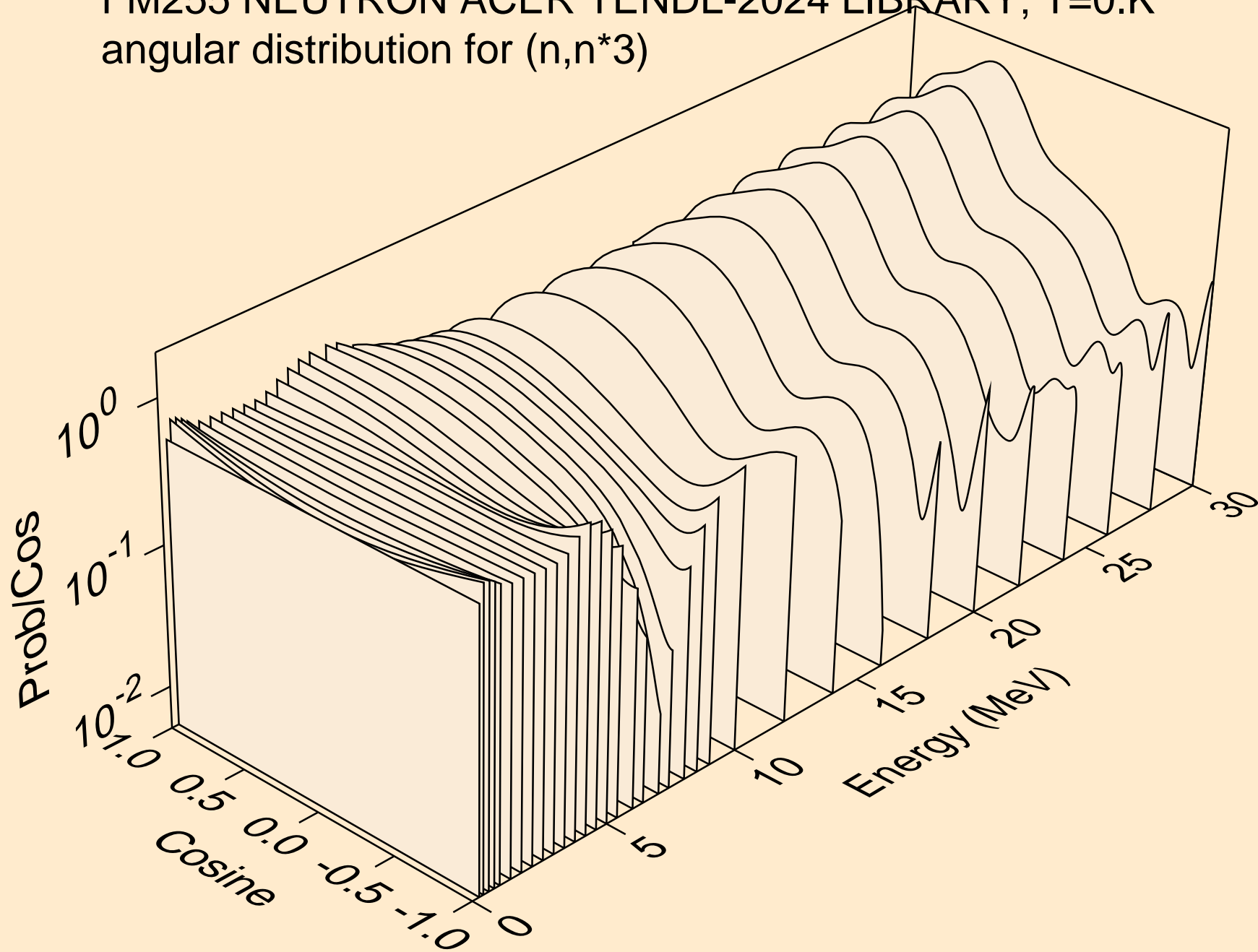
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

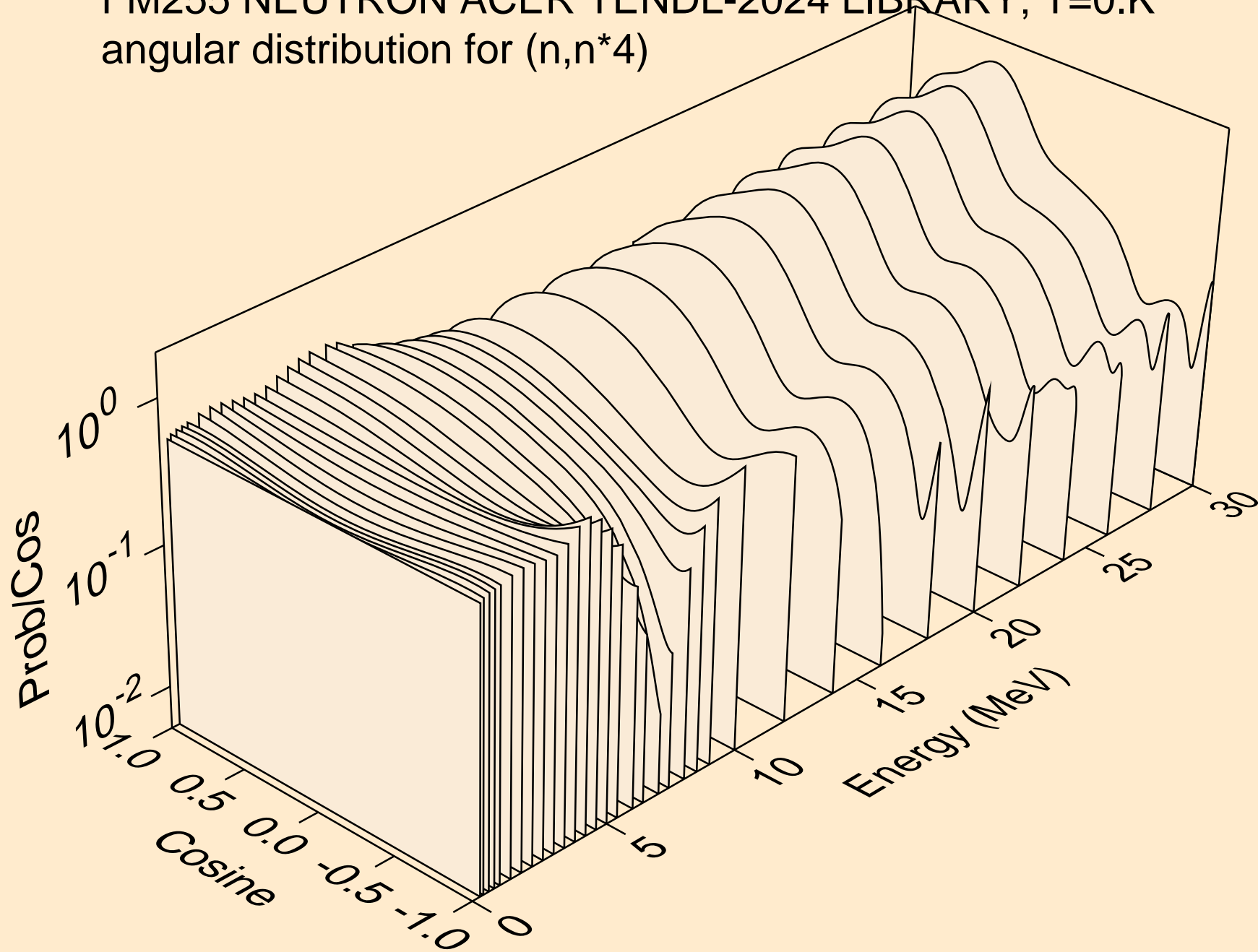


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

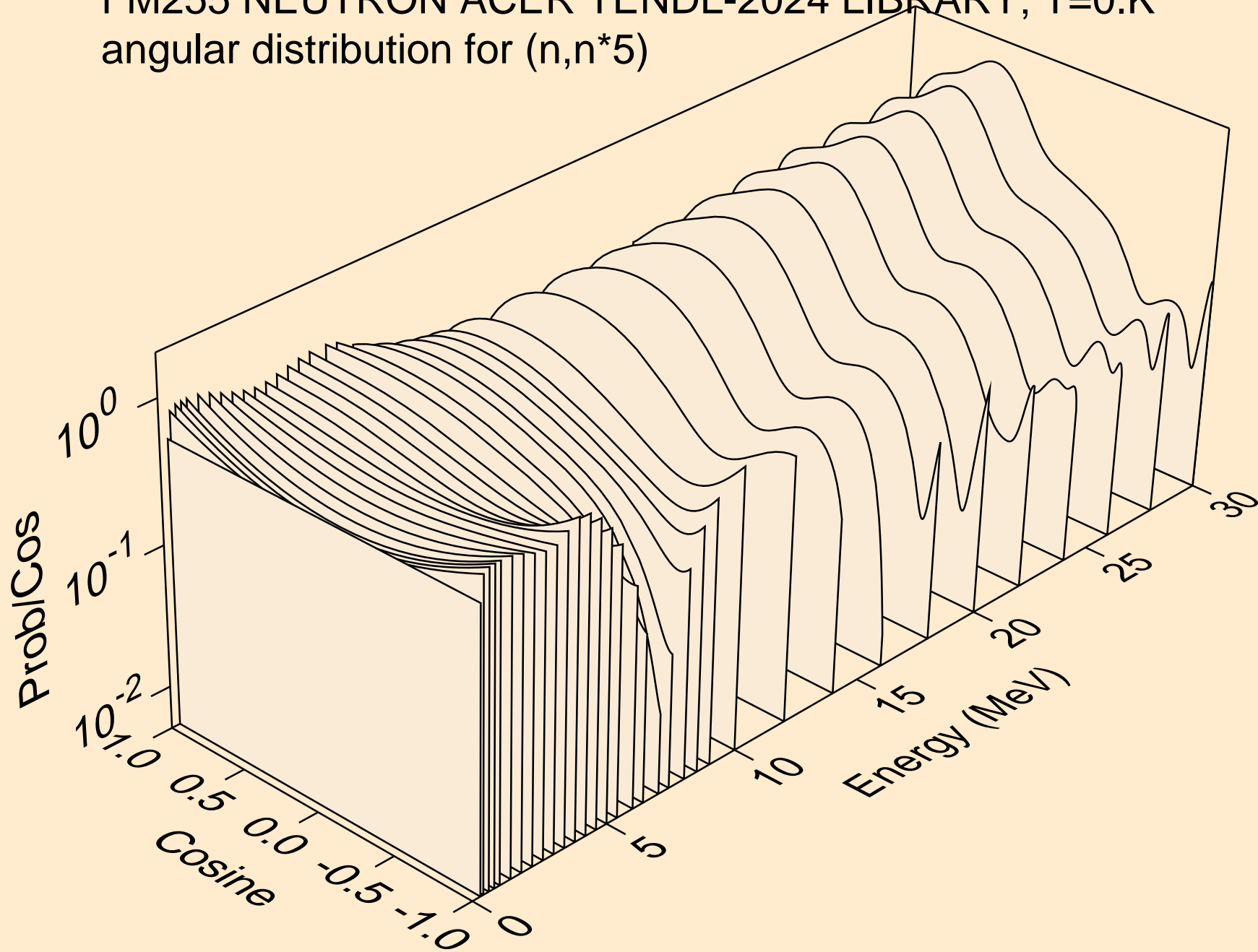




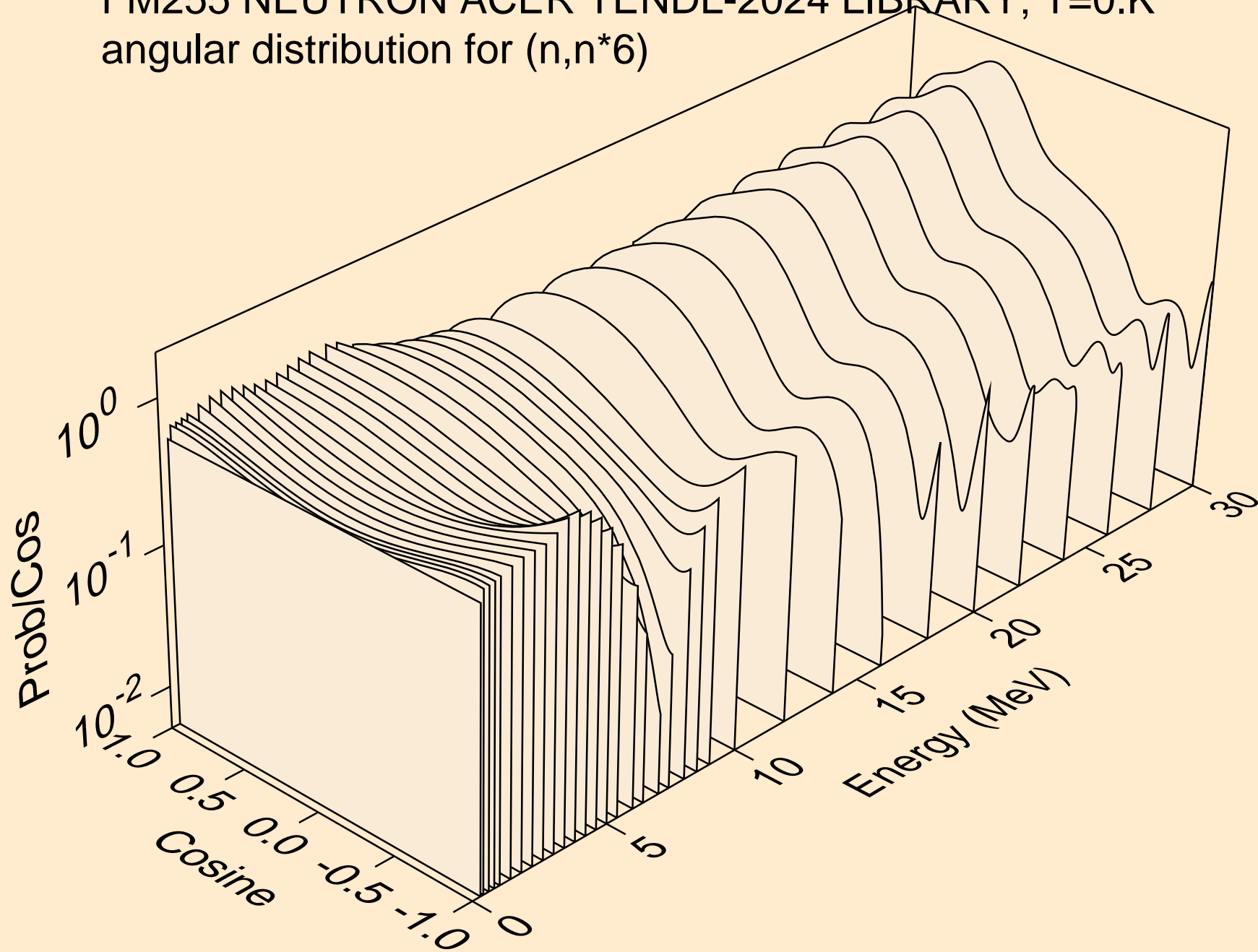
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angular distribution for (n,n\*4)



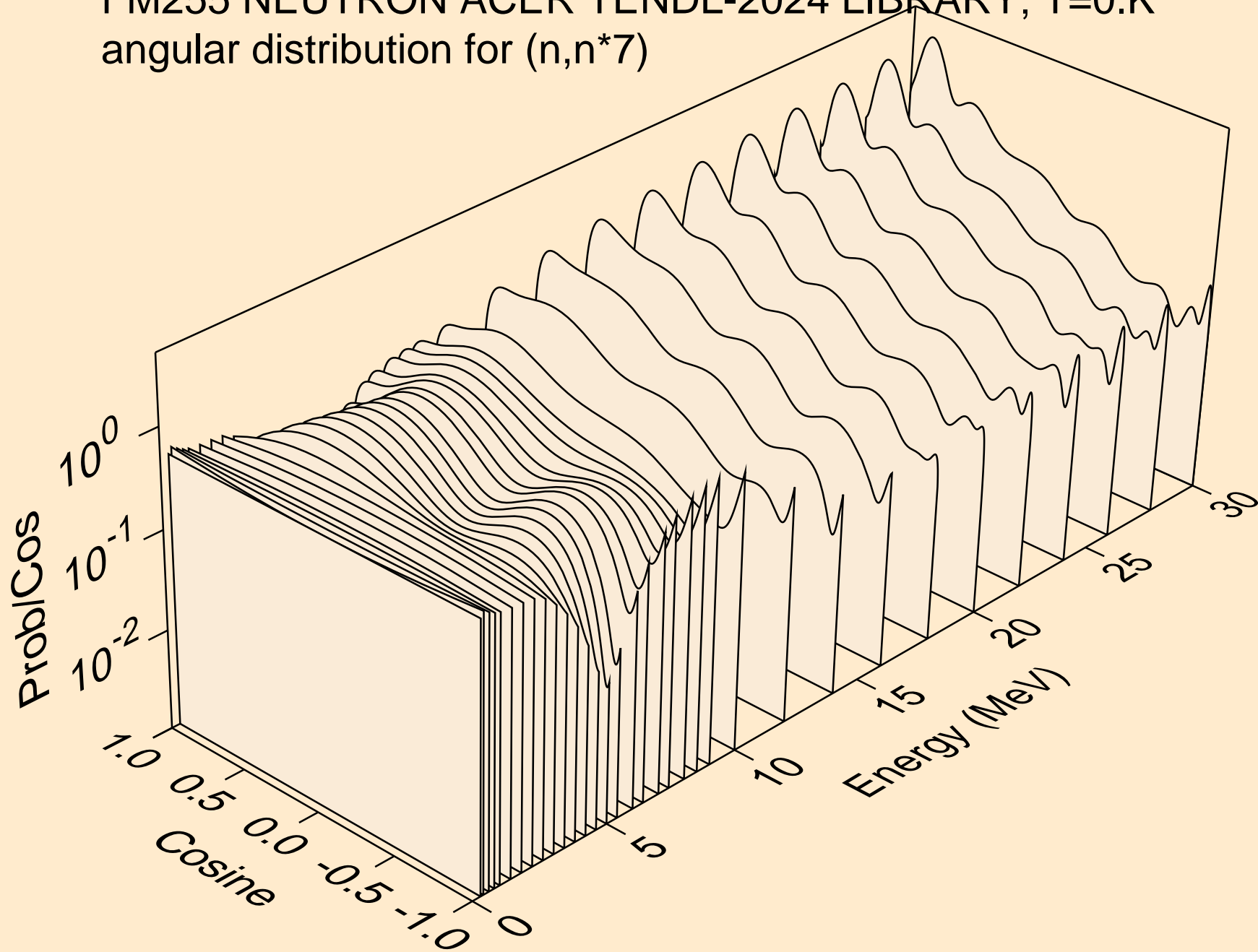
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angular distribution for (n,n\*5)



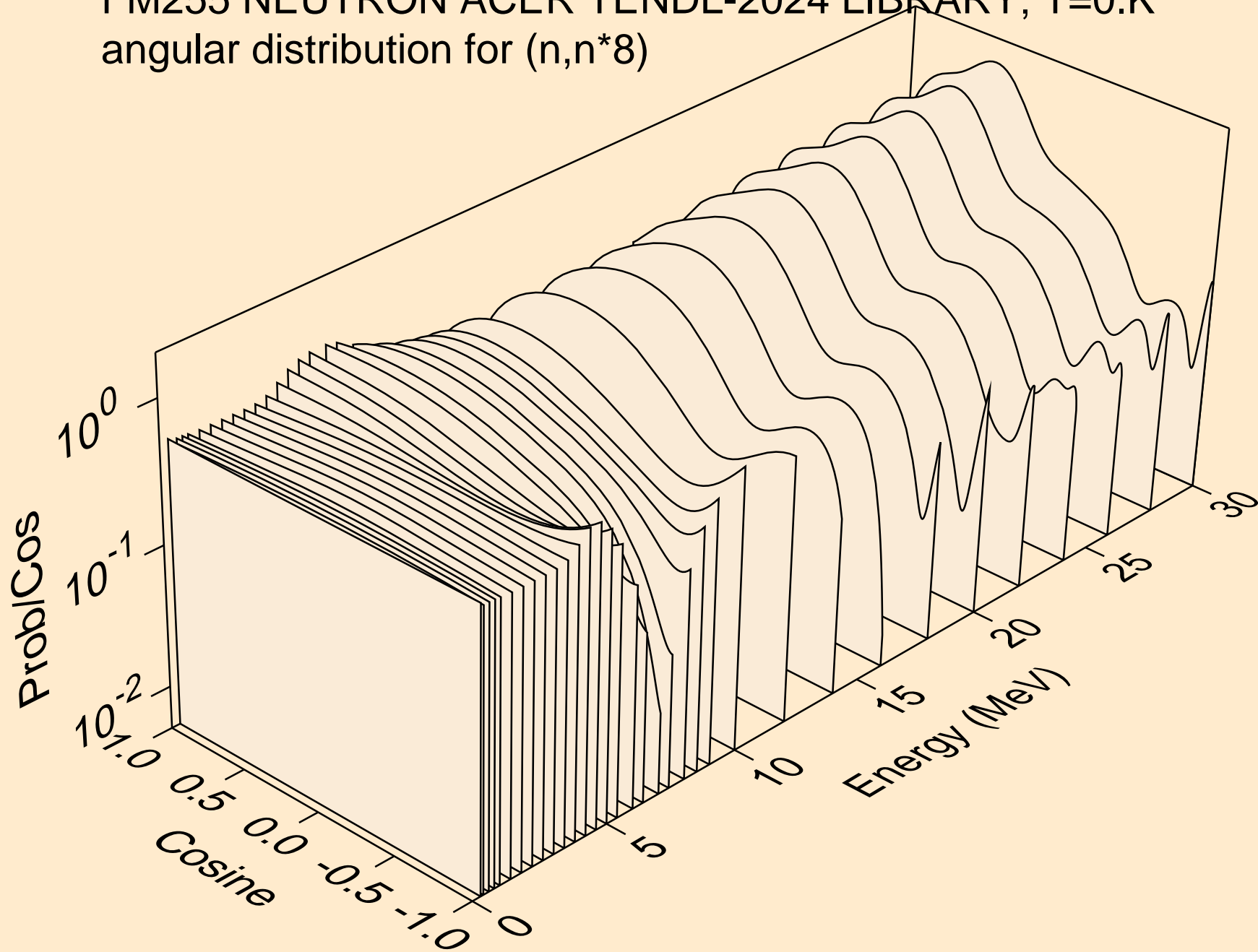
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angular distribution for (n,n\*6)



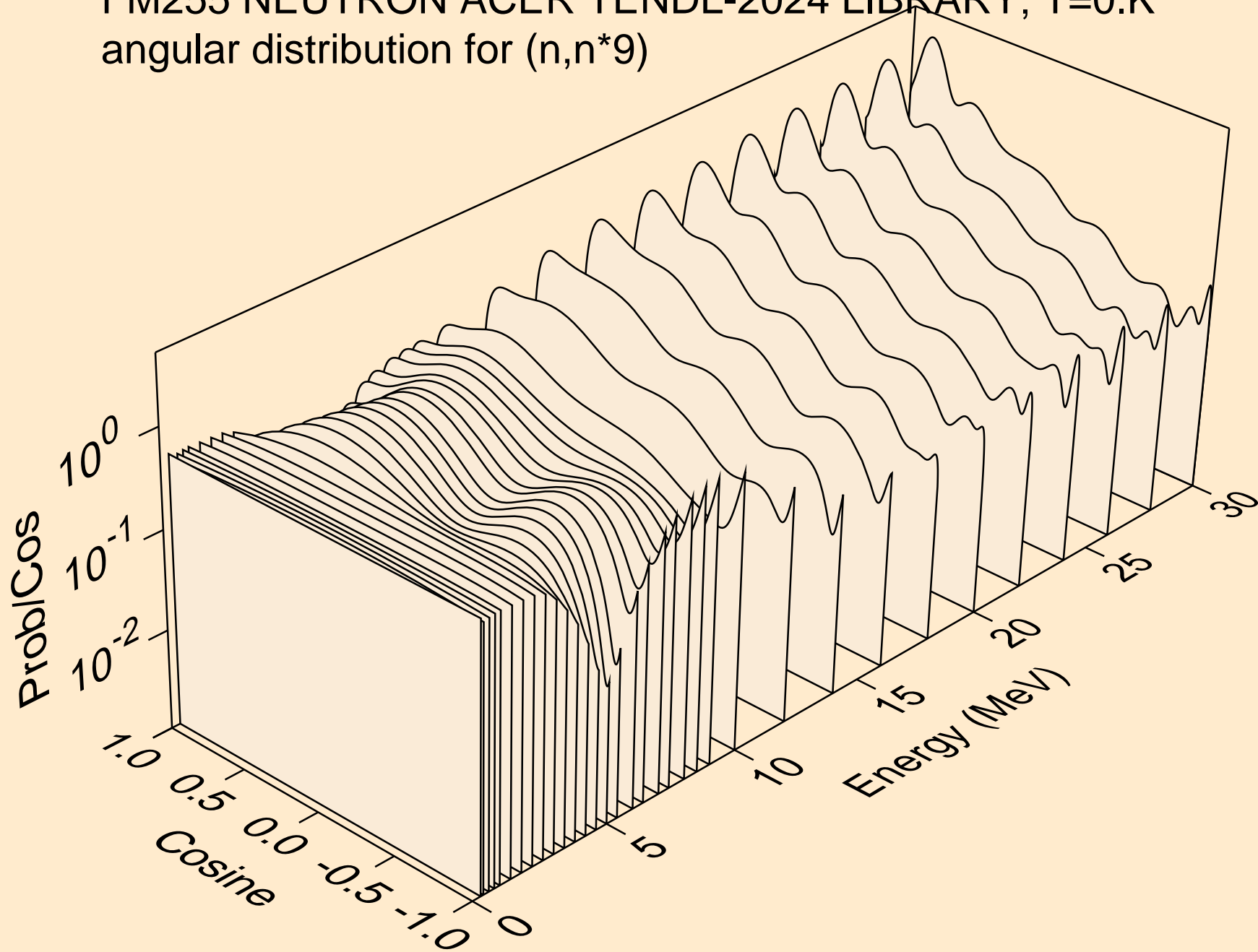
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angular distribution for (n,n\*7)



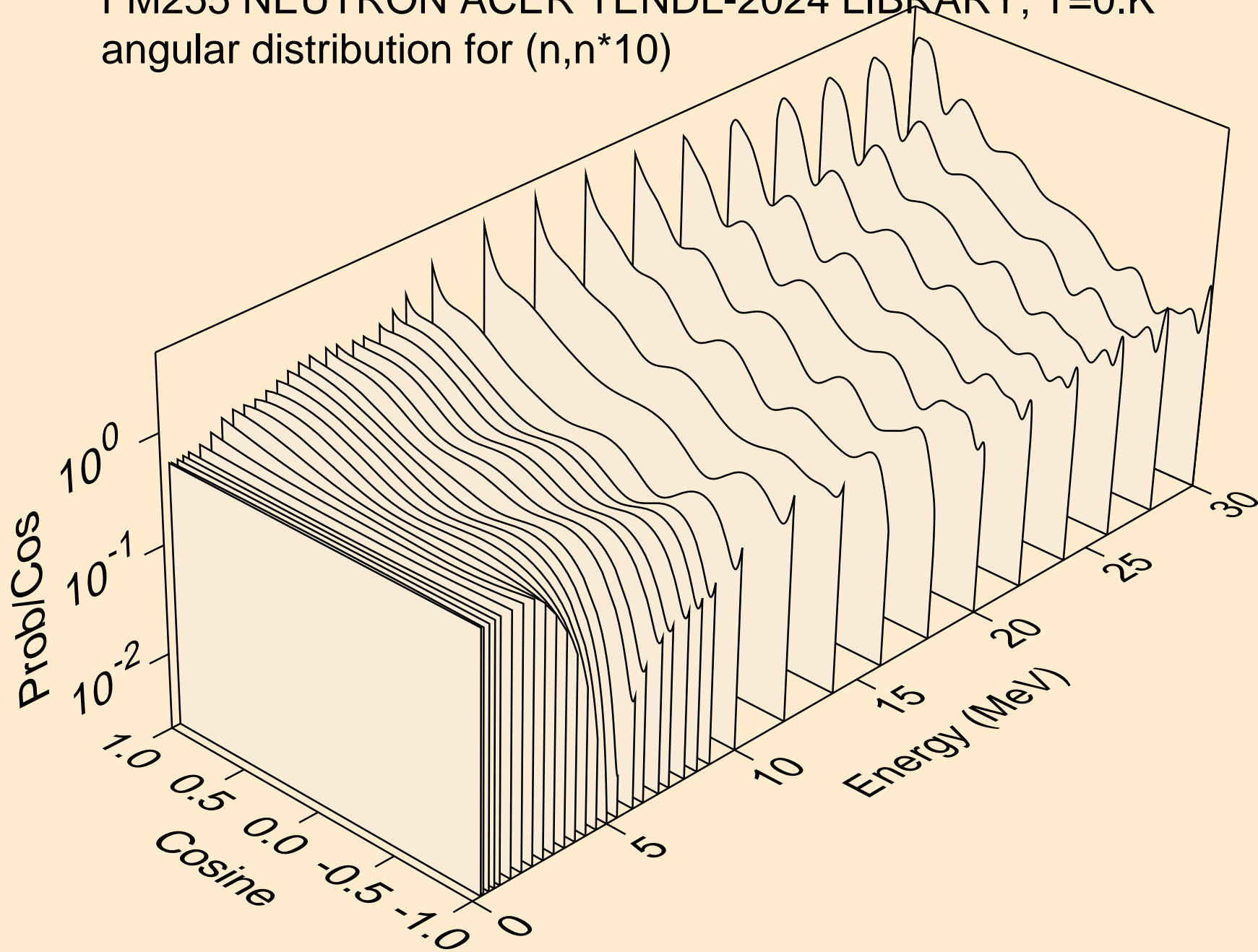
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angular distribution for (n,n\*8)



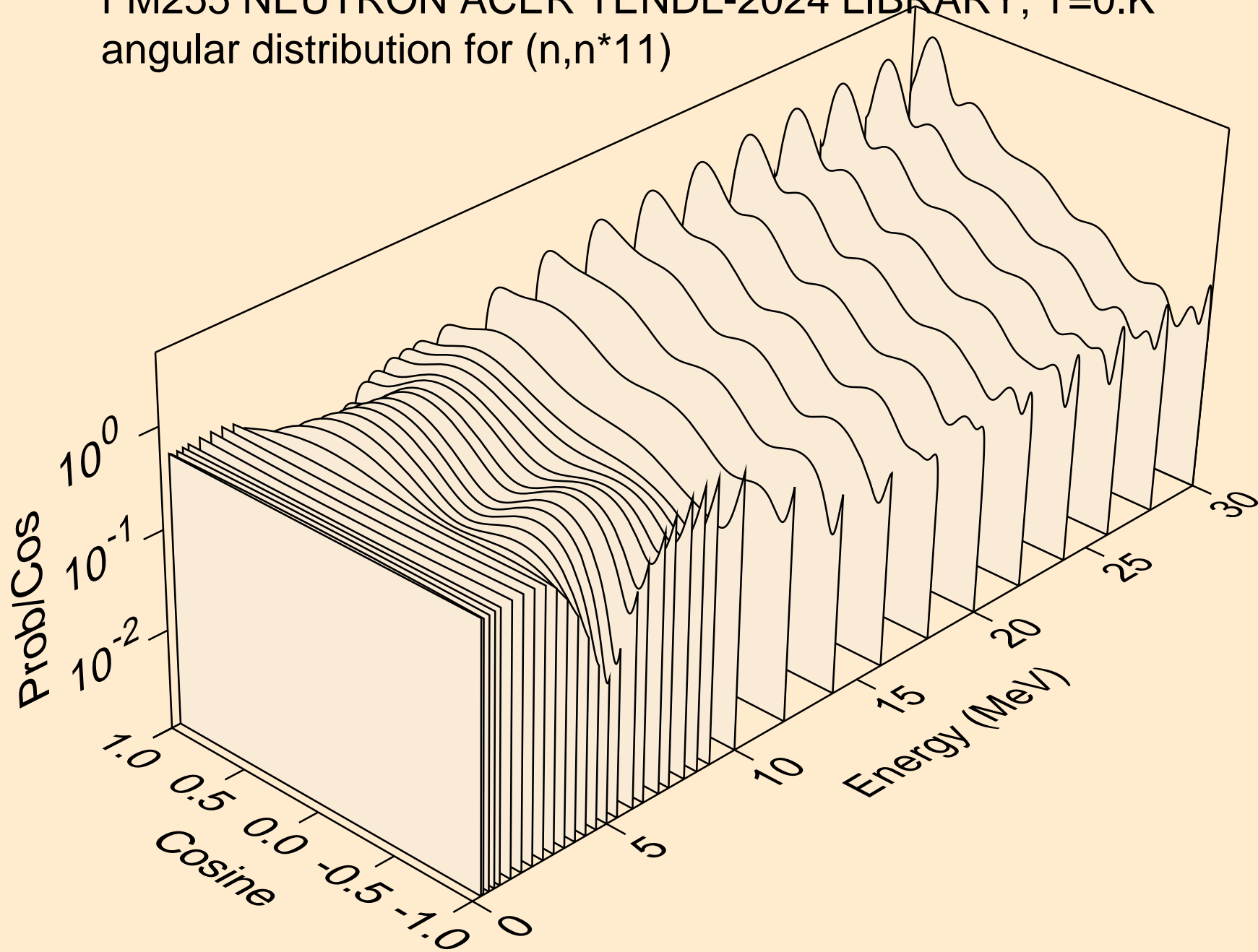
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

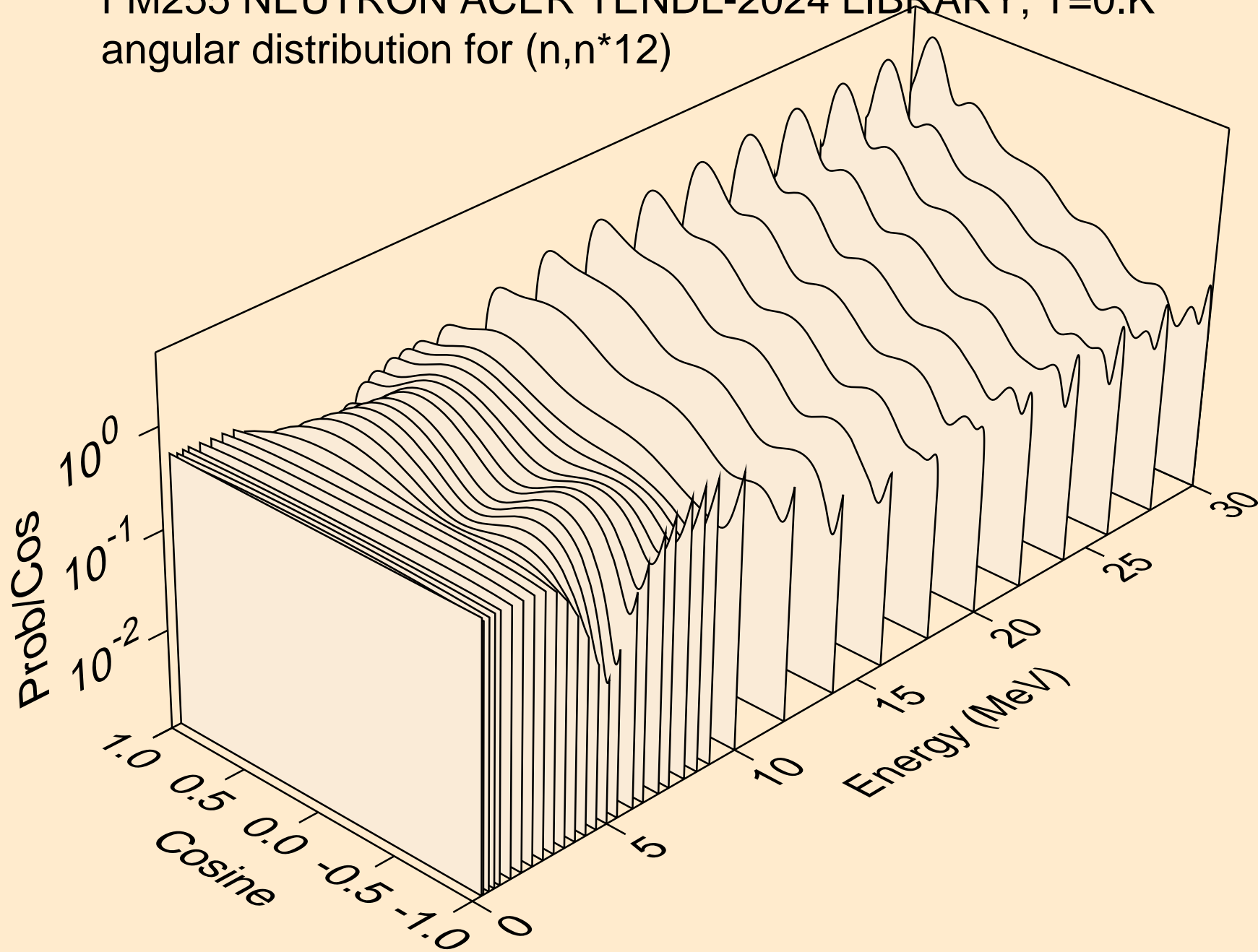


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angular distribution for (n,n\*11)

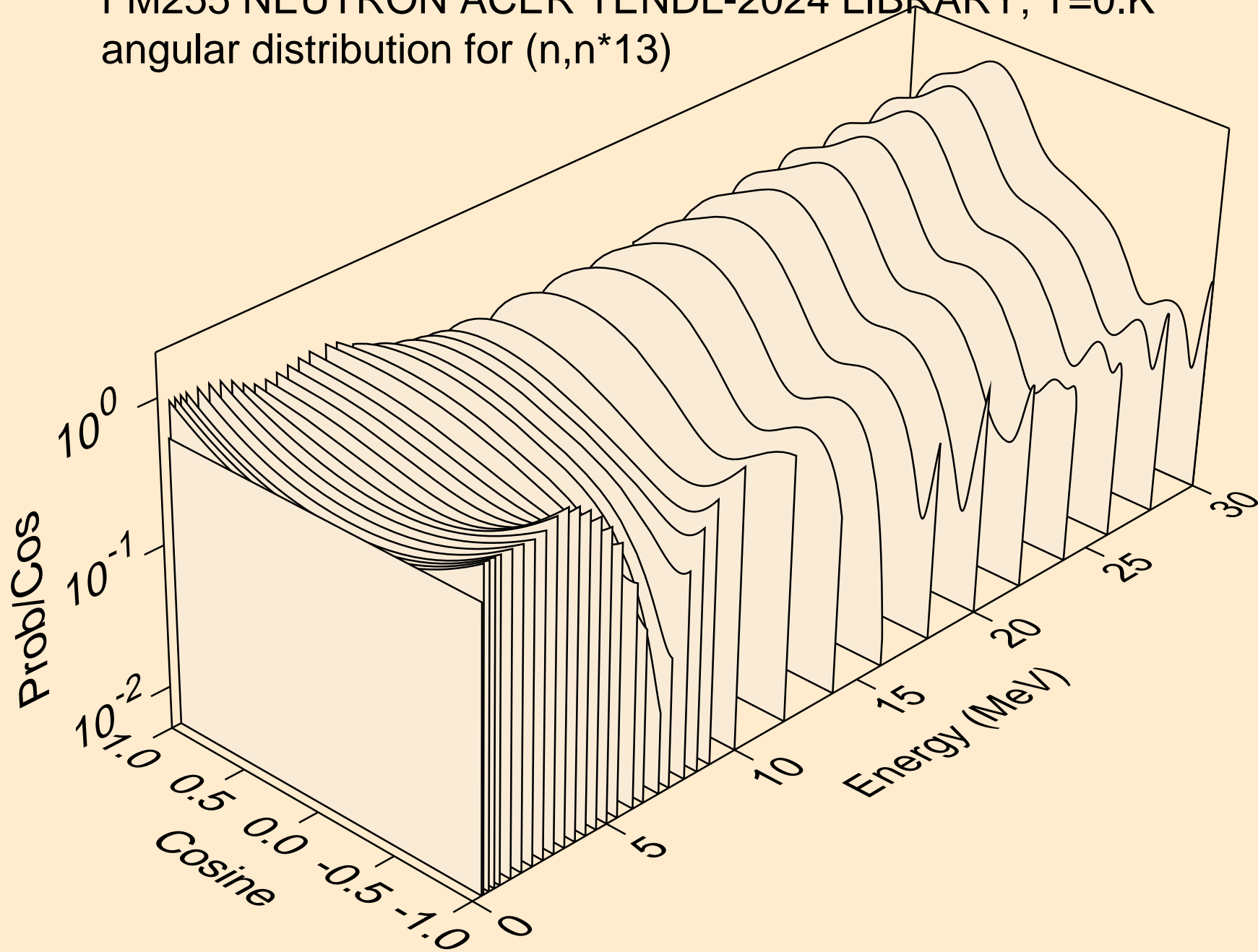




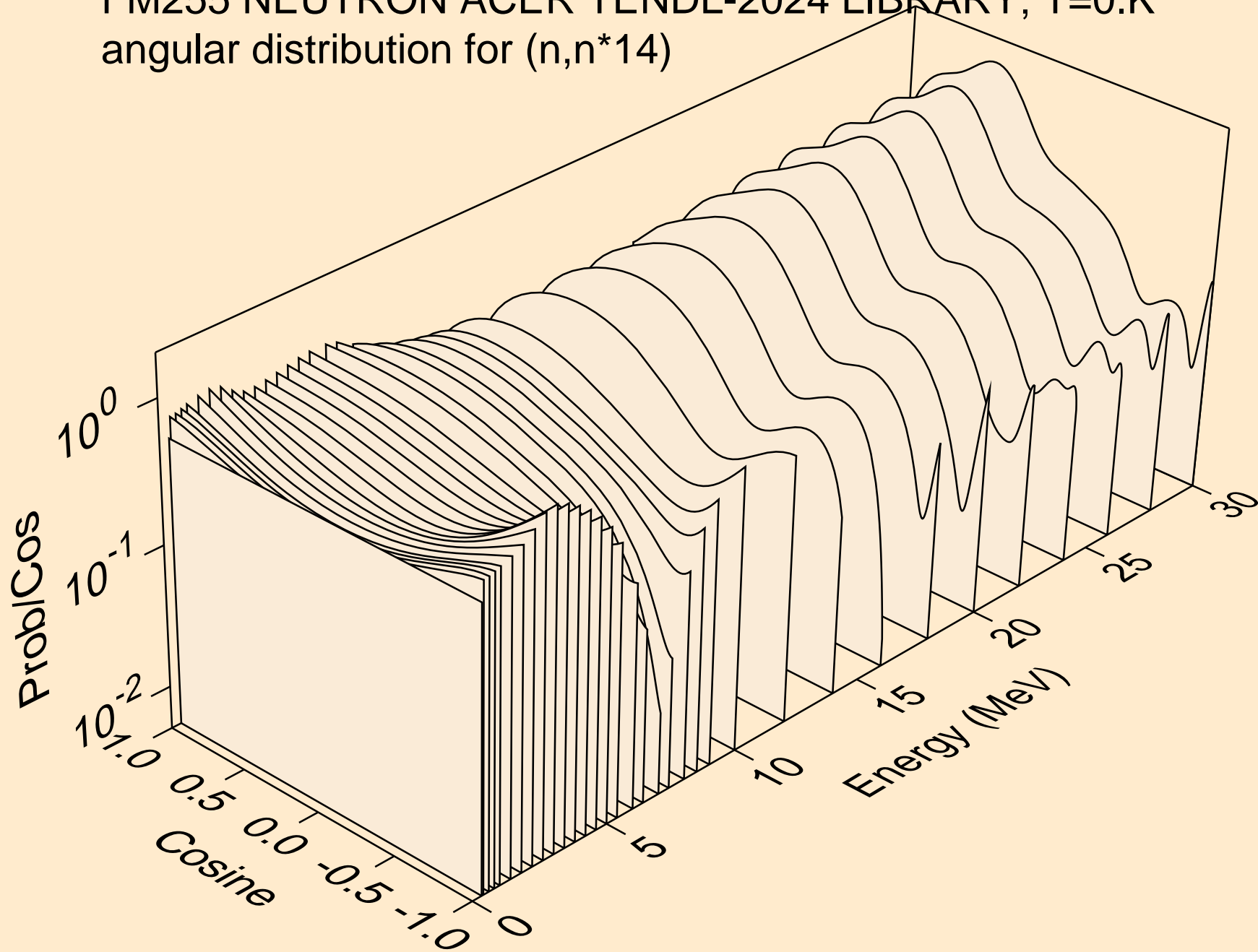
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angular distribution for (n,n\*12)



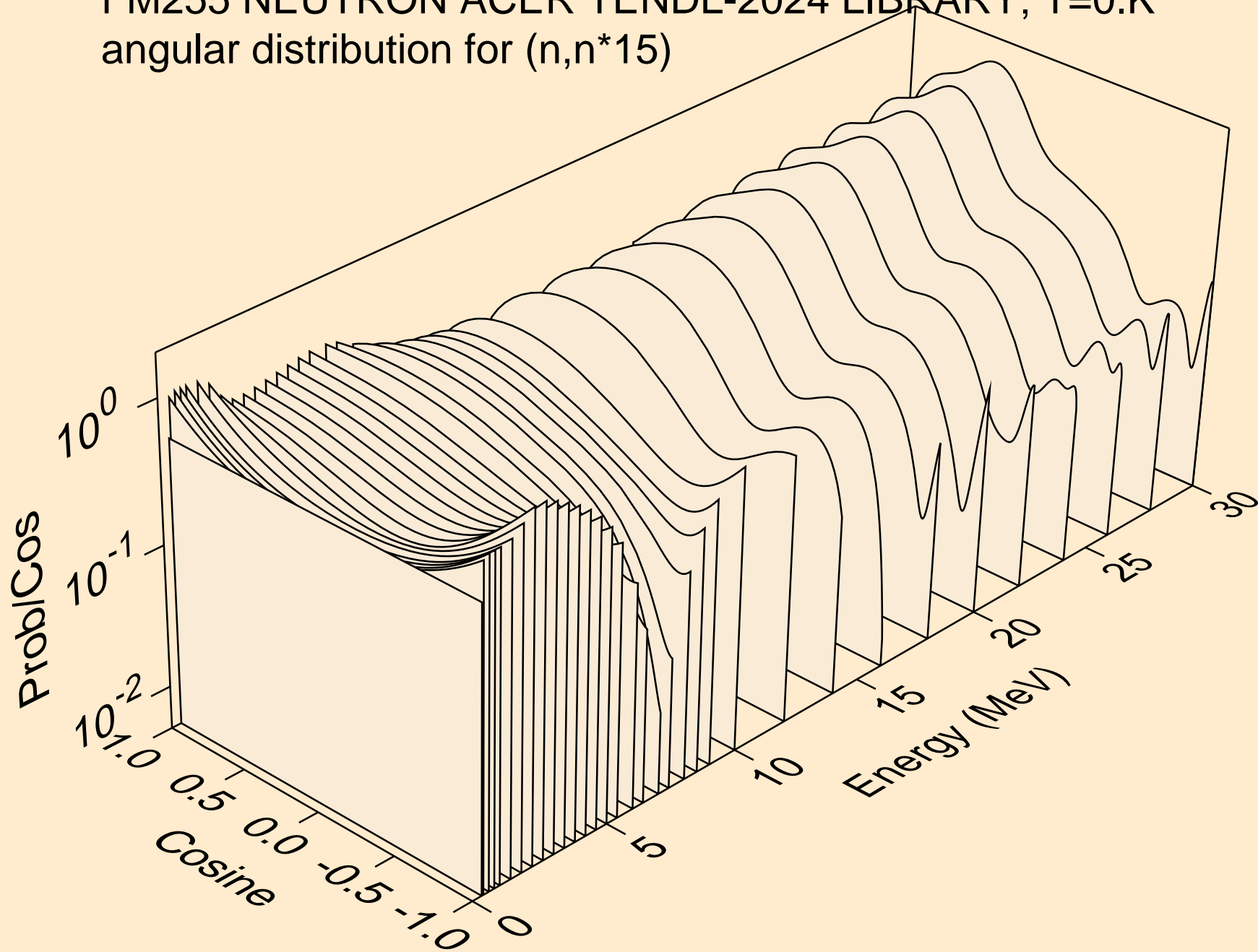
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angular distribution for (n,n\*13)



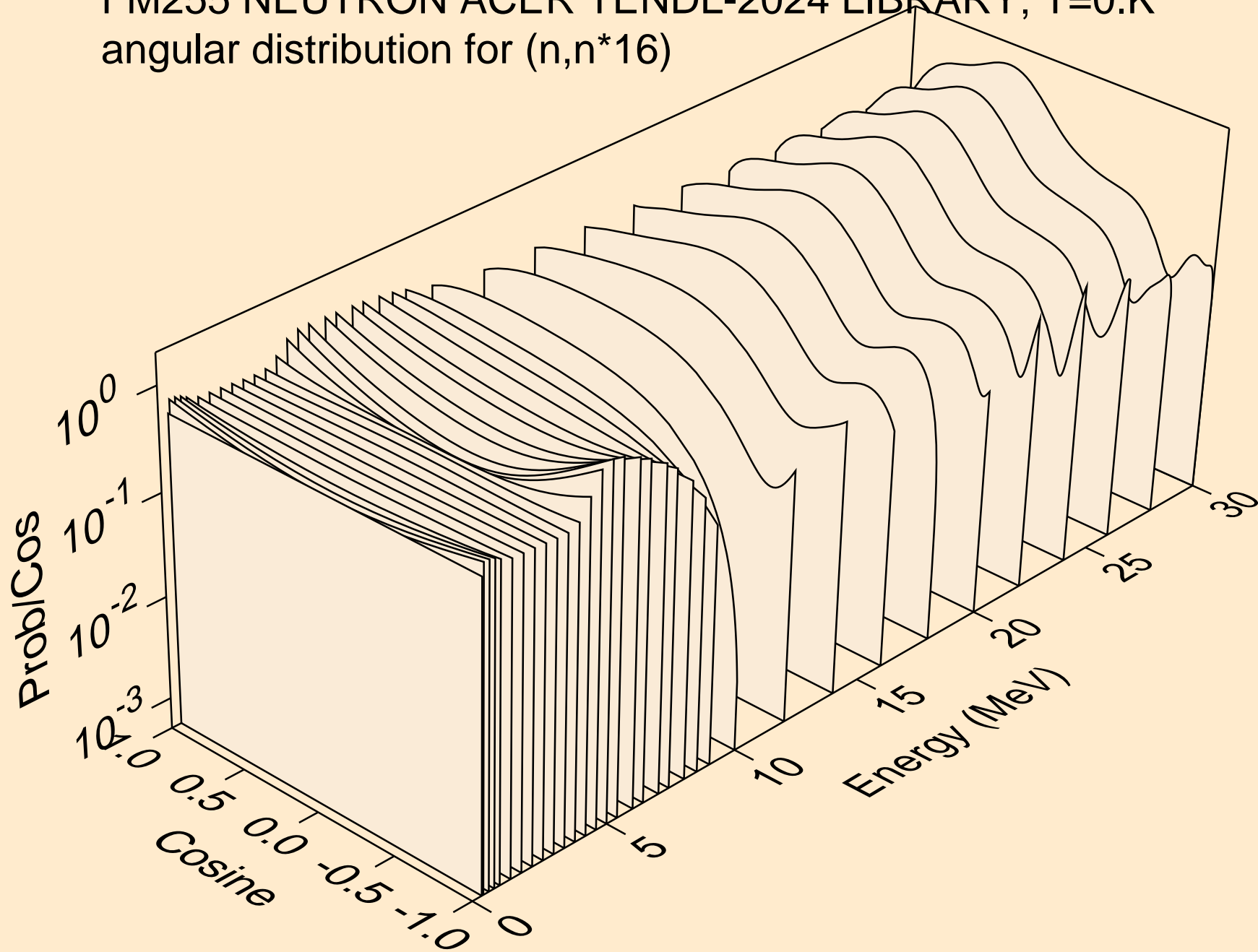
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angular distribution for (n,n\*14)



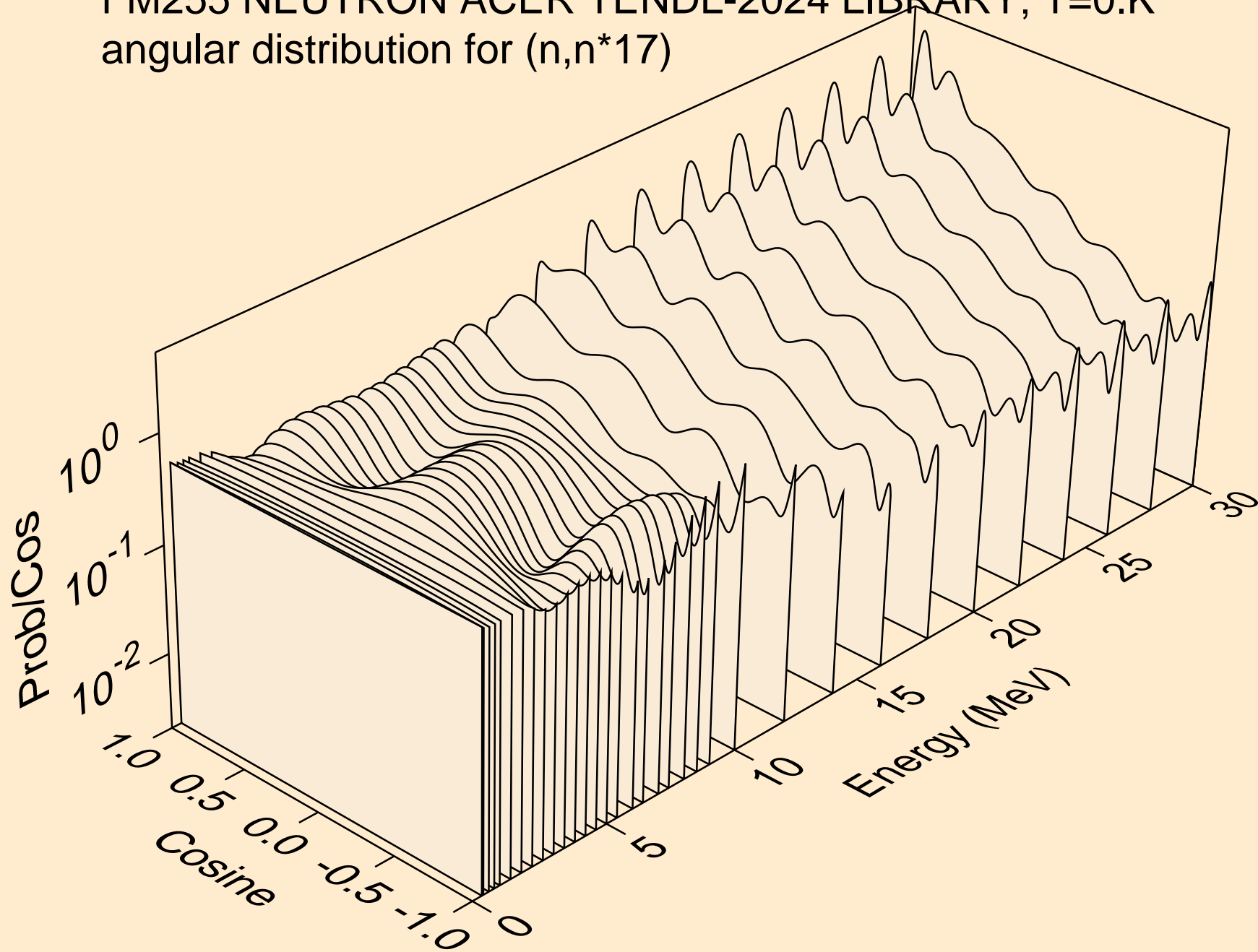
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angular distribution for (n,n\*15)



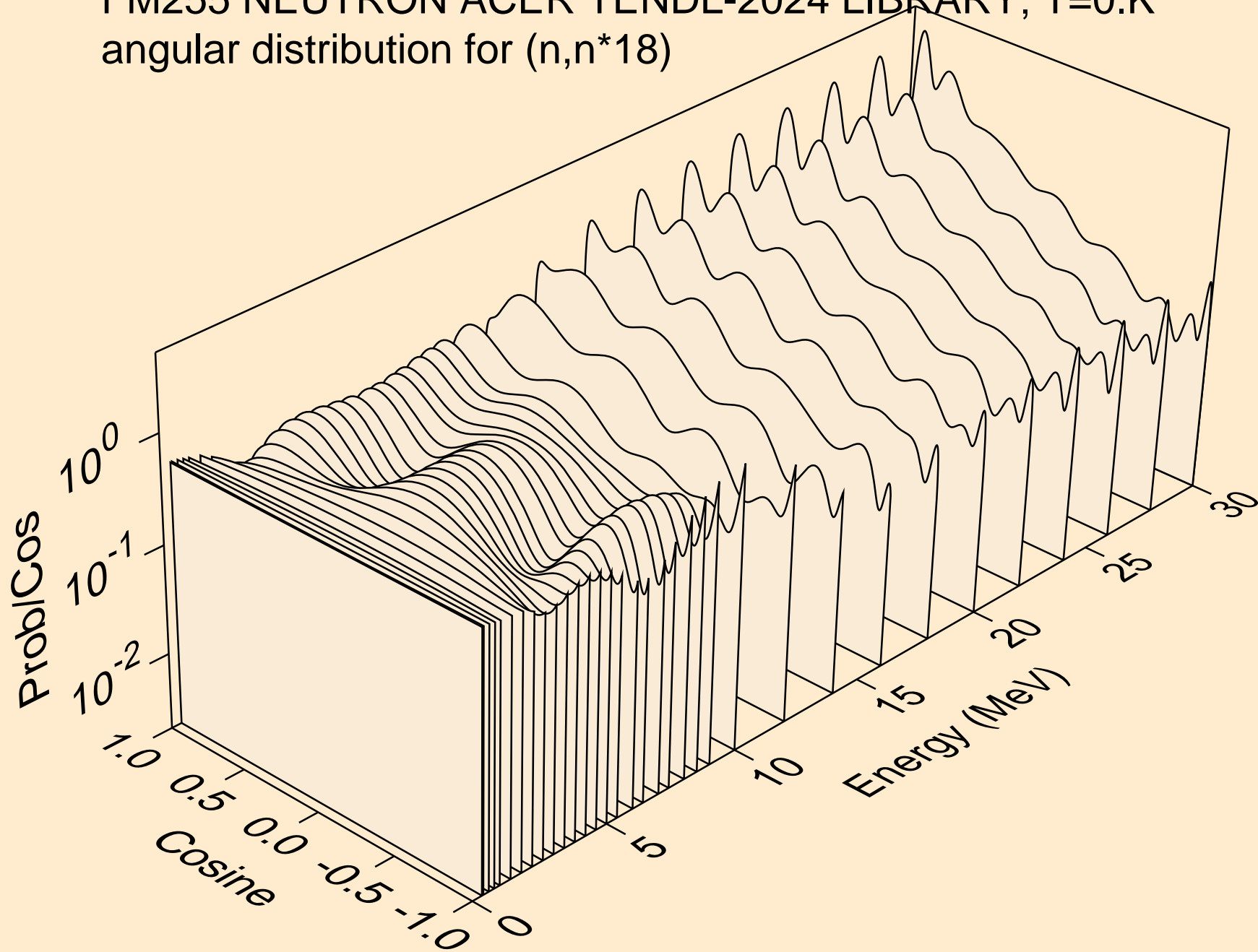
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angular distribution for (n,n\*16)



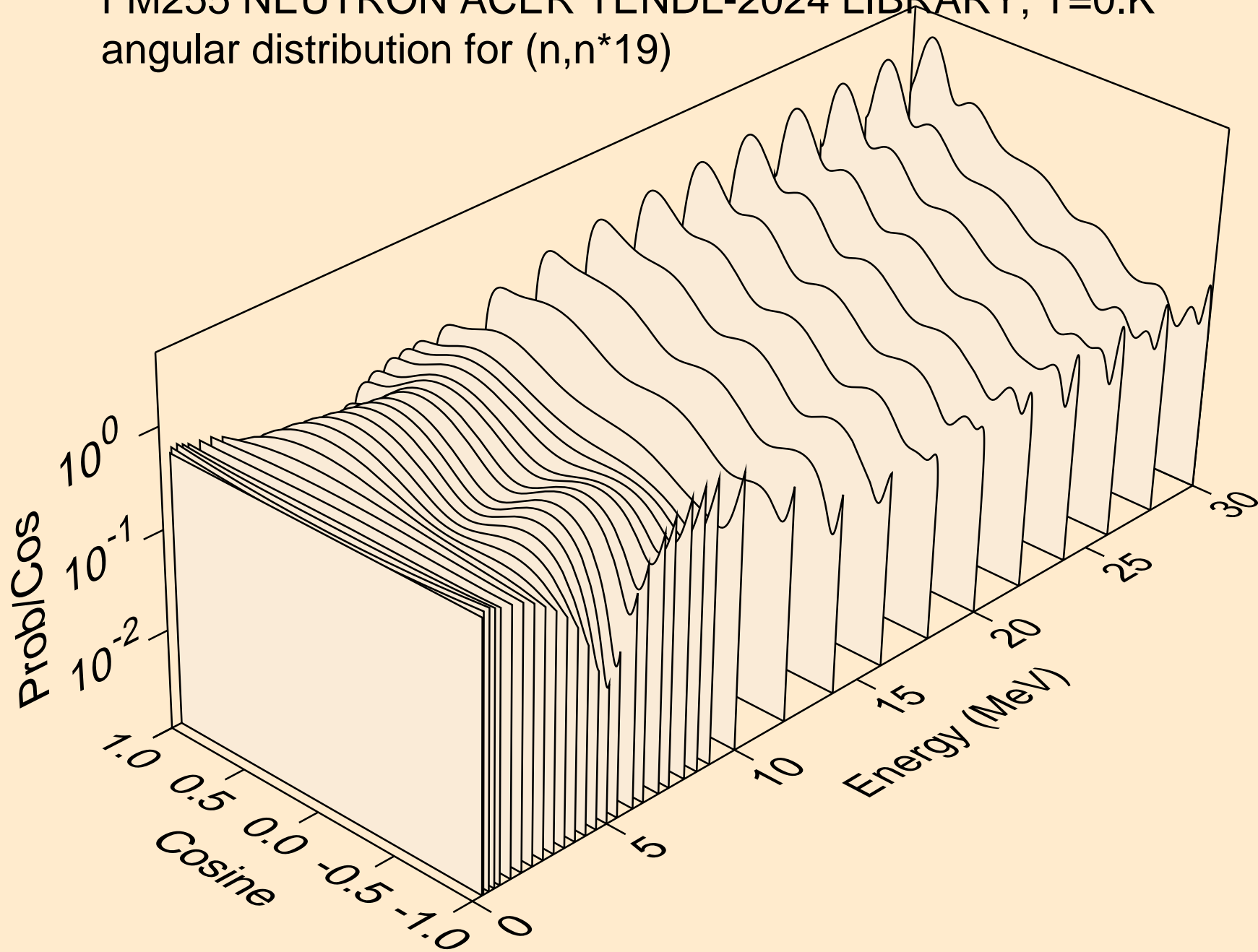
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angular distribution for (n,n\*17)



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

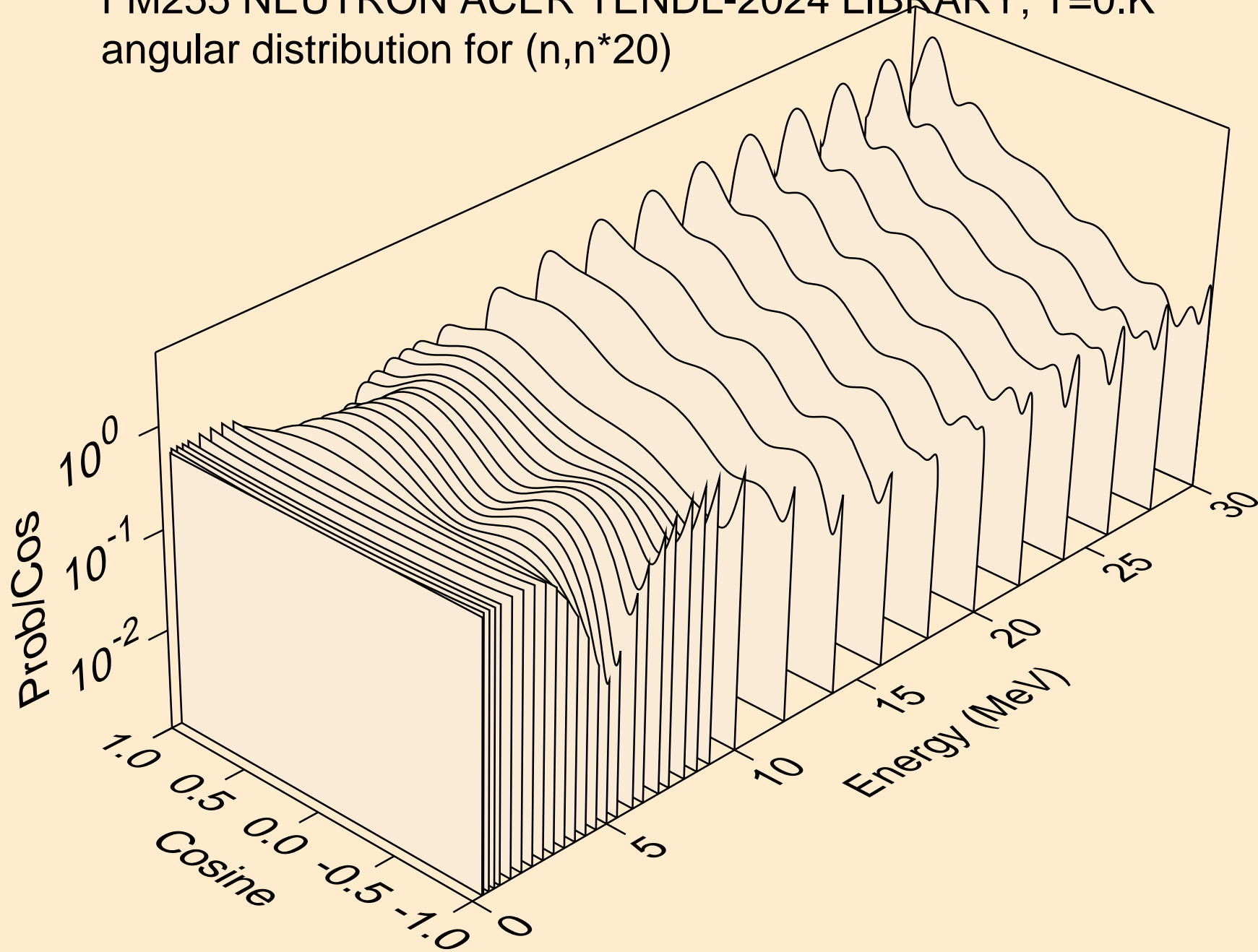


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angular distribution for (n,n\*19)

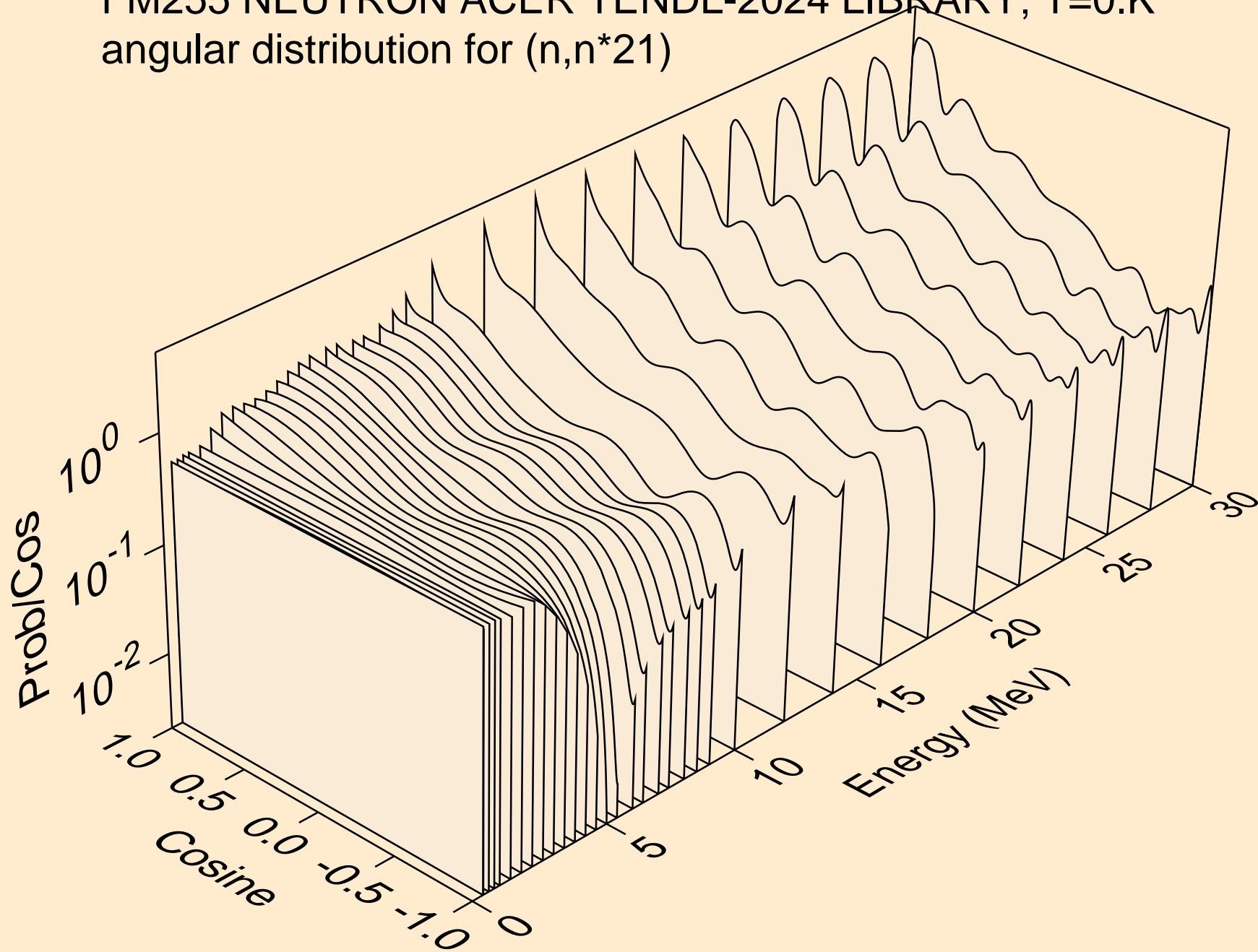




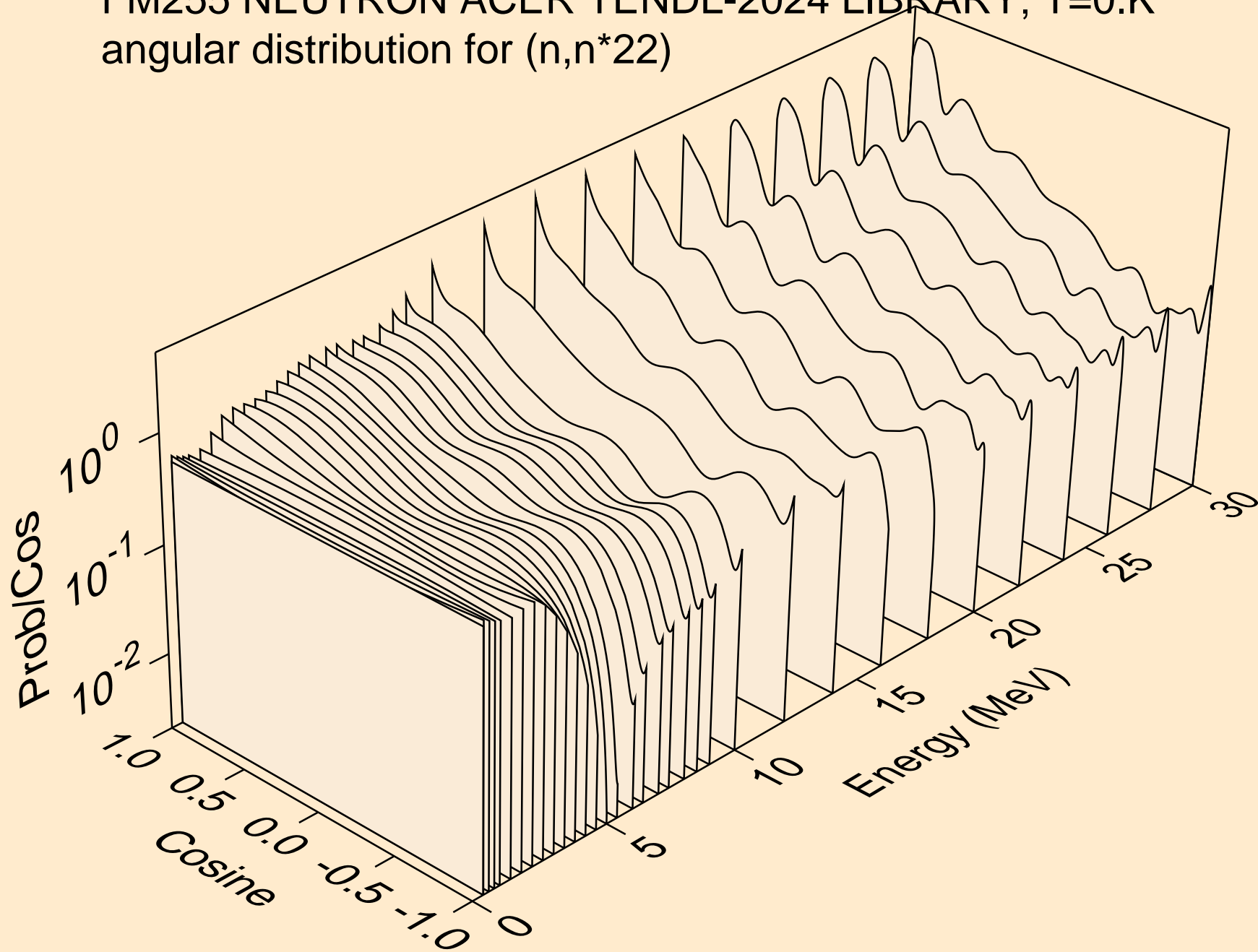
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angular distribution for (n,n\*20)



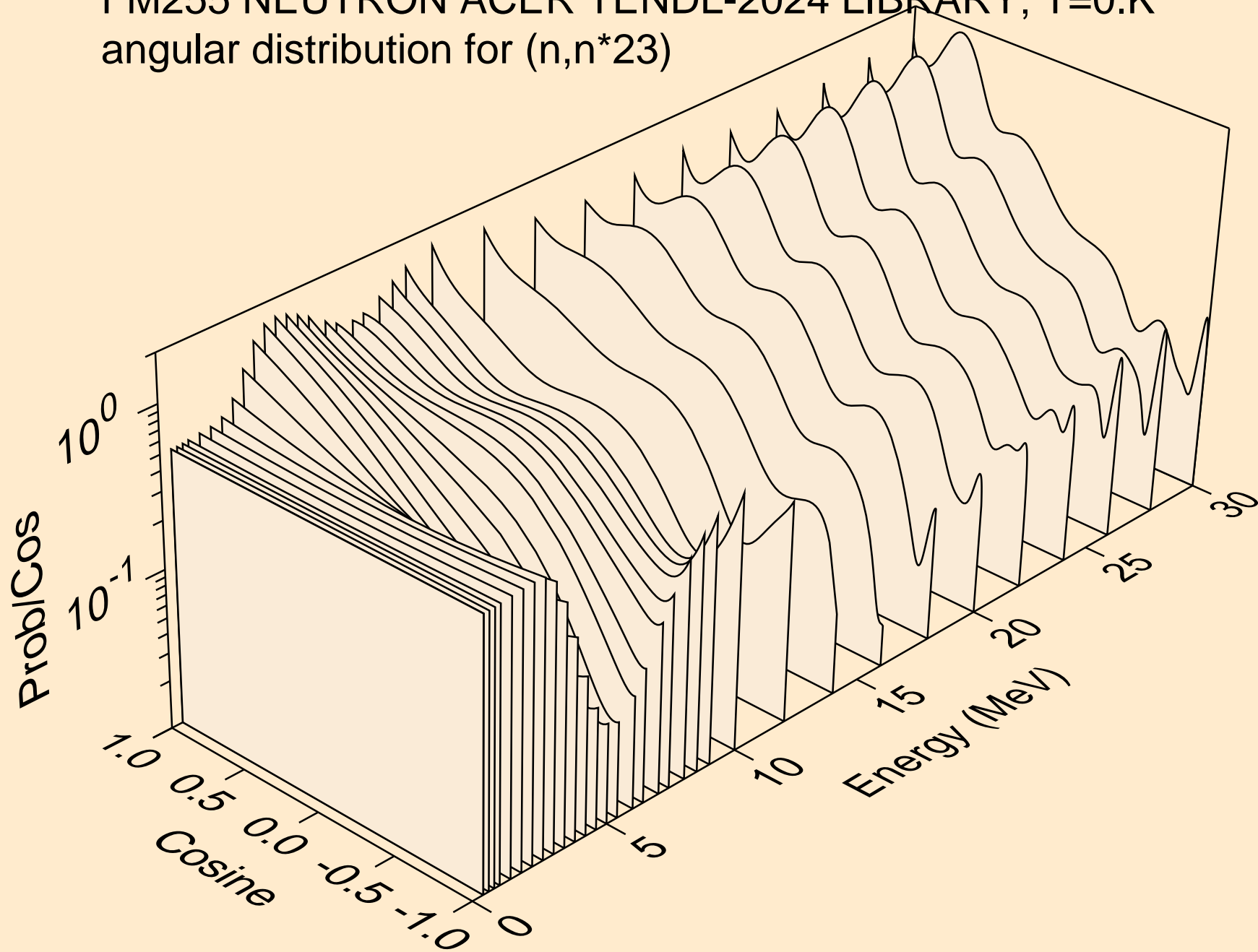
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angular distribution for (n,n\*21)



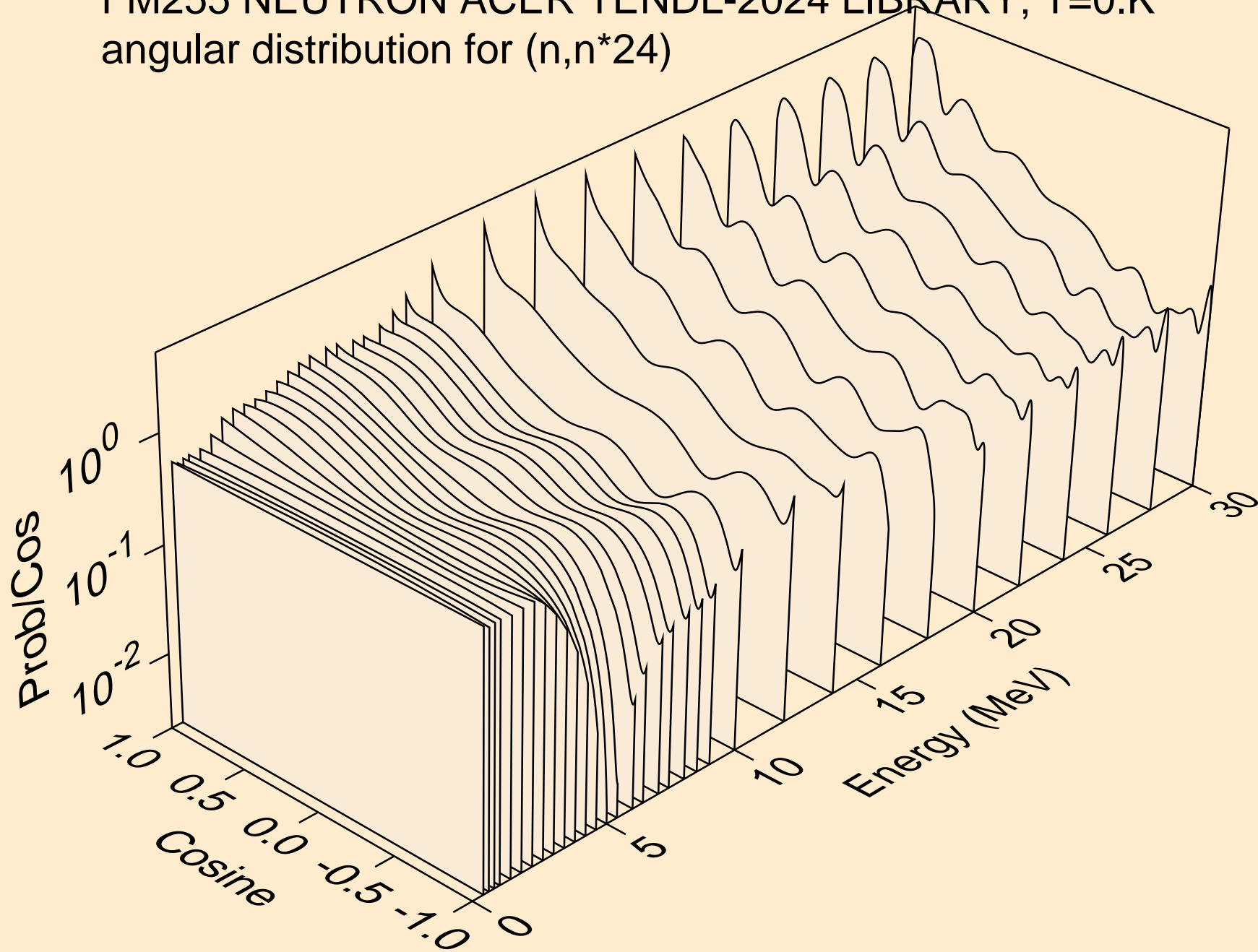
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angular distribution for (n,n\*22)



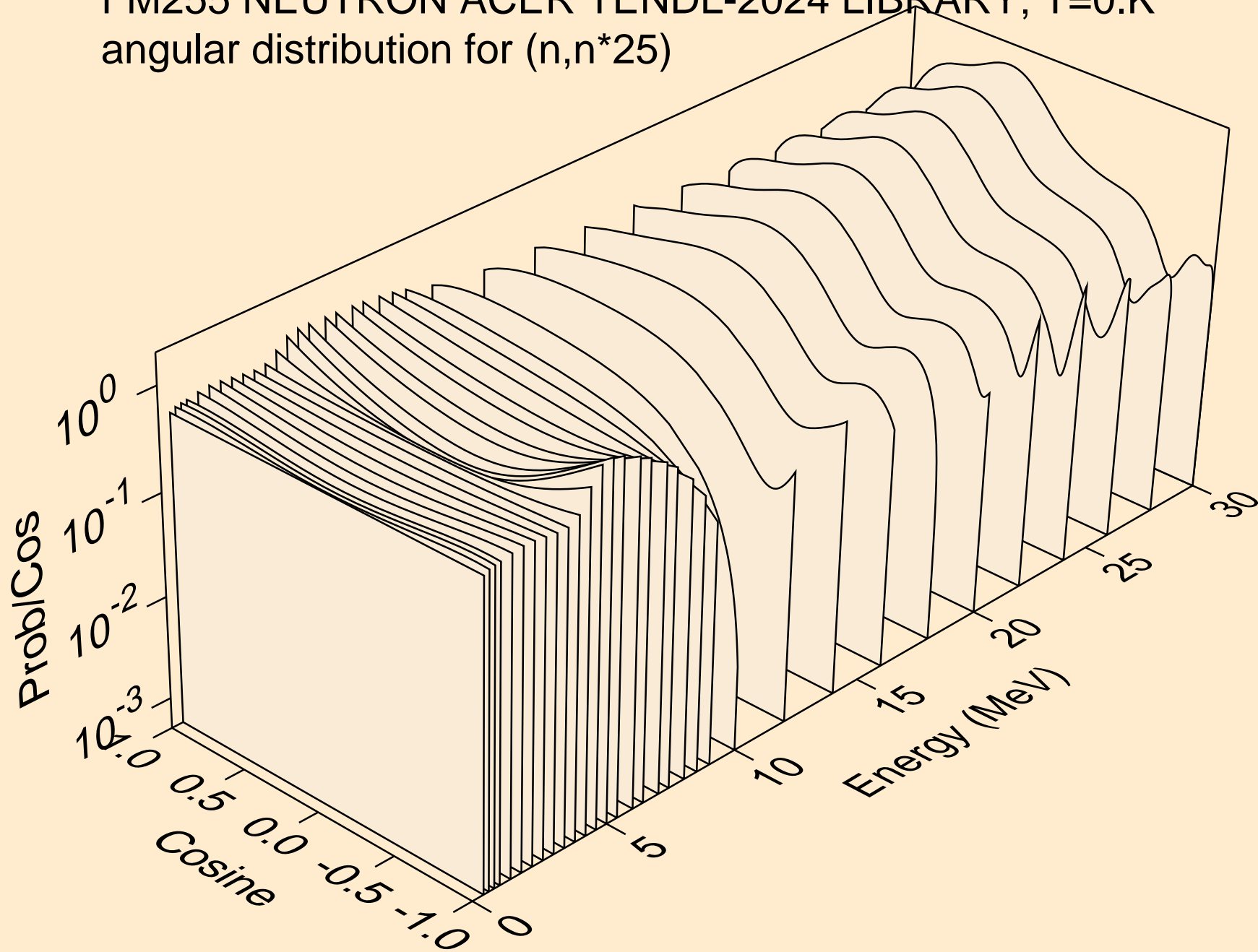
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angular distribution for (n,n\*23)



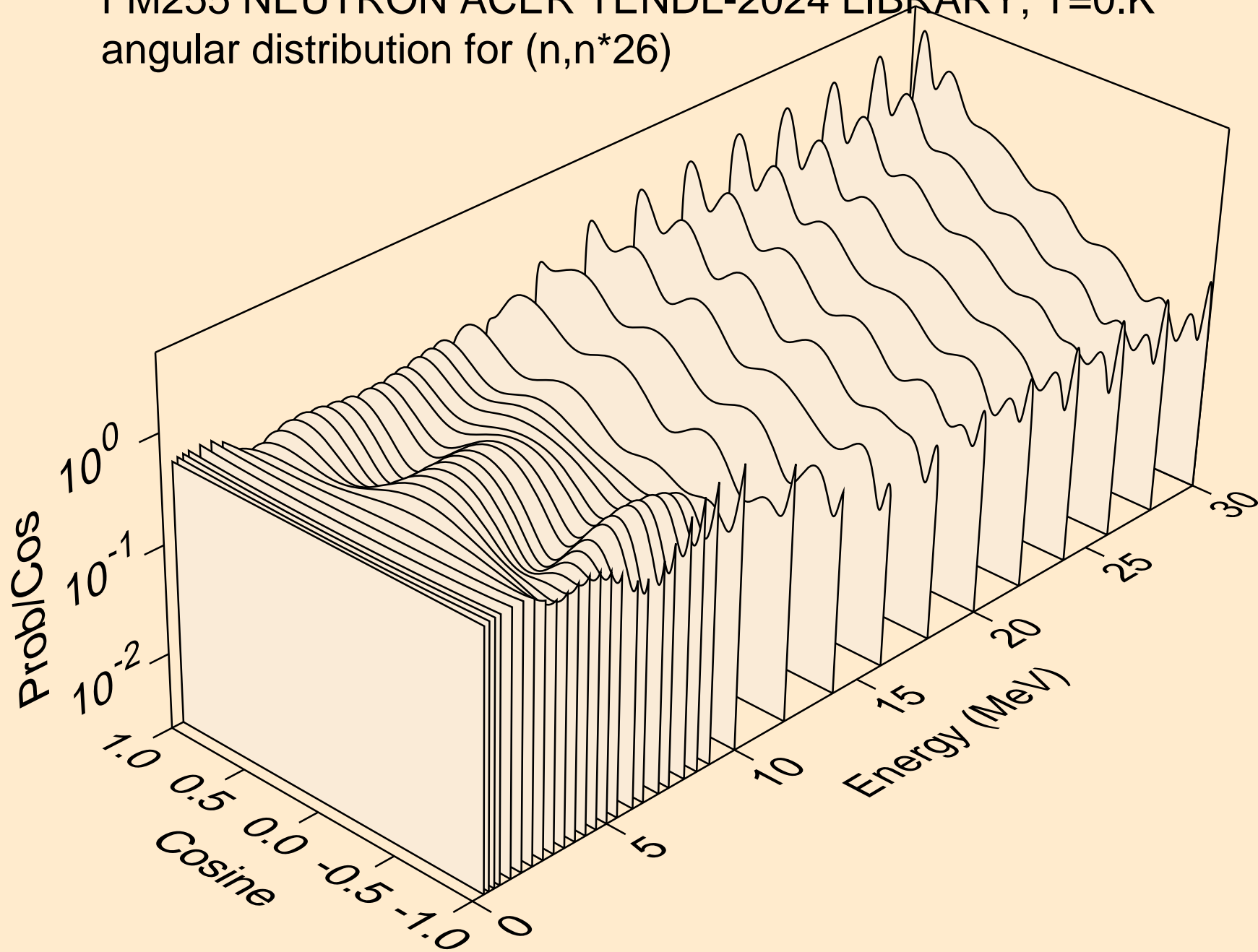
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angular distribution for (n,n\*24)



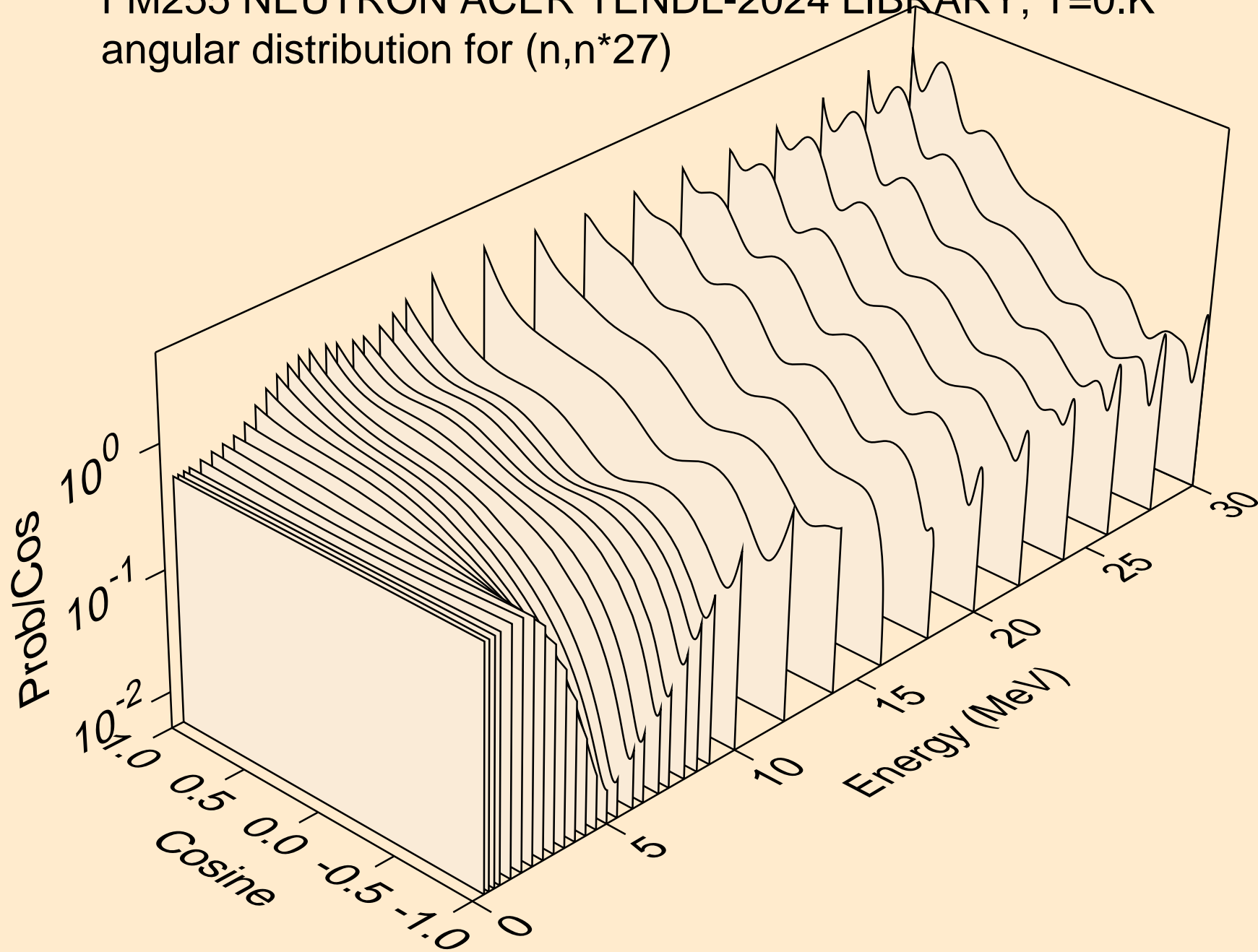
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

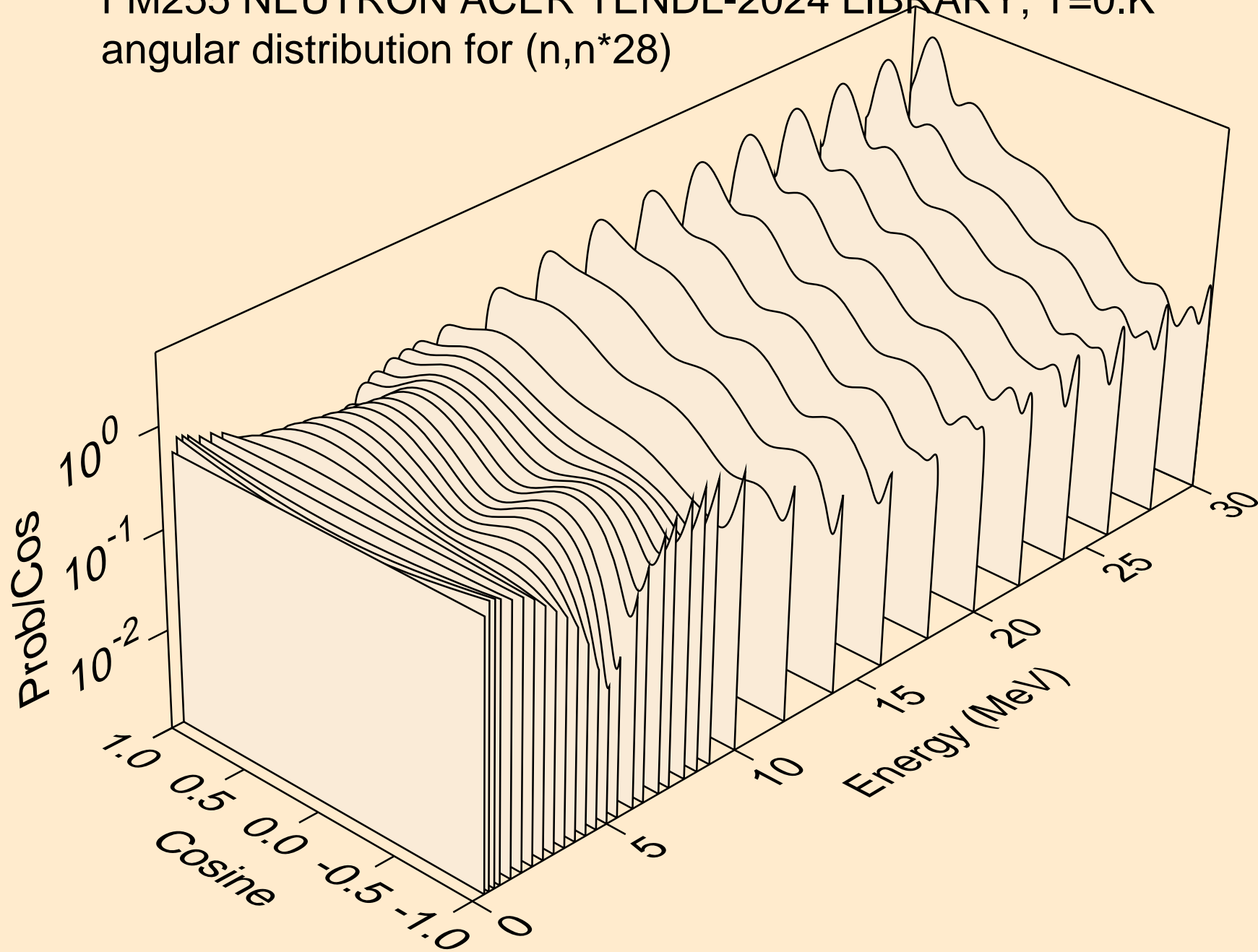


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

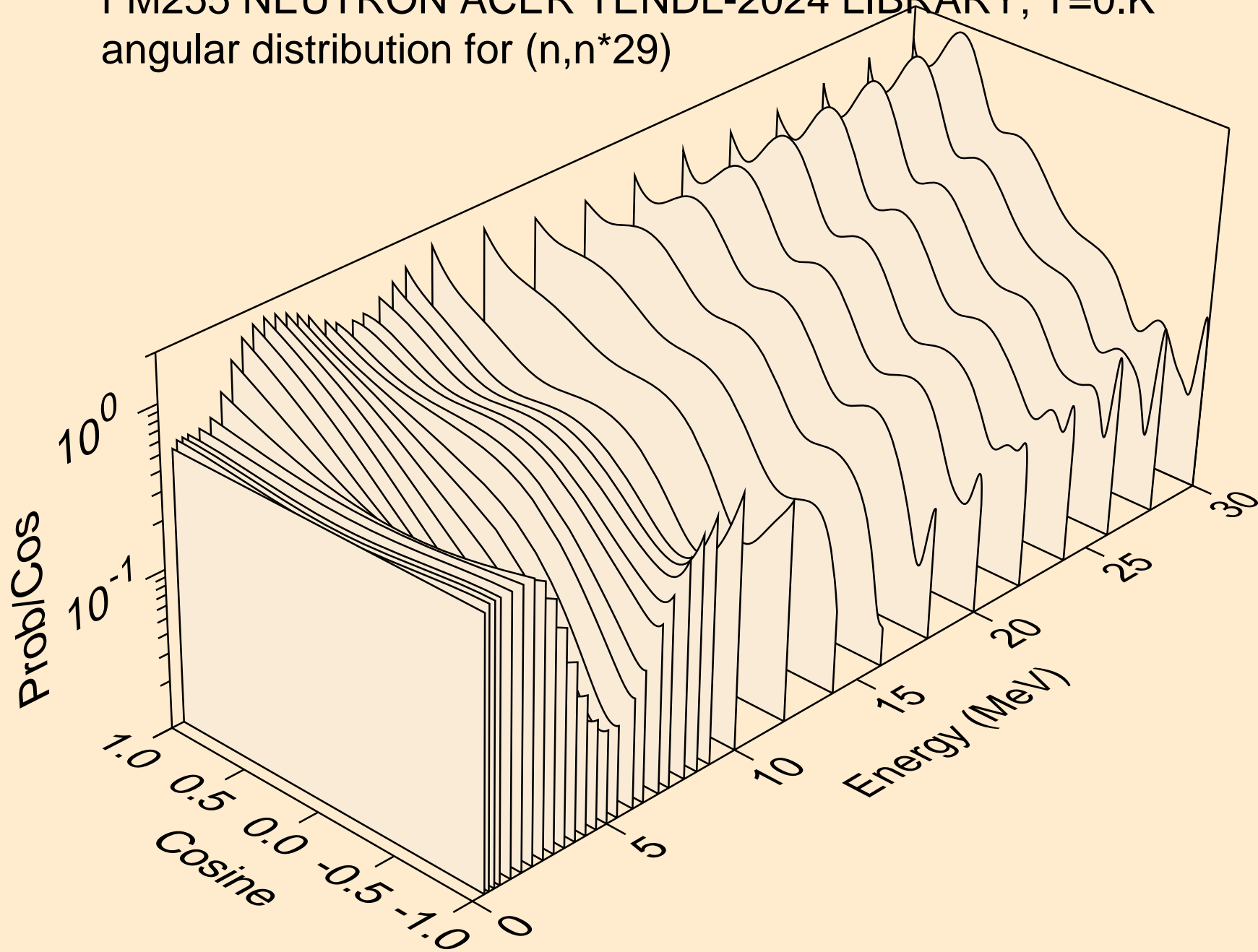




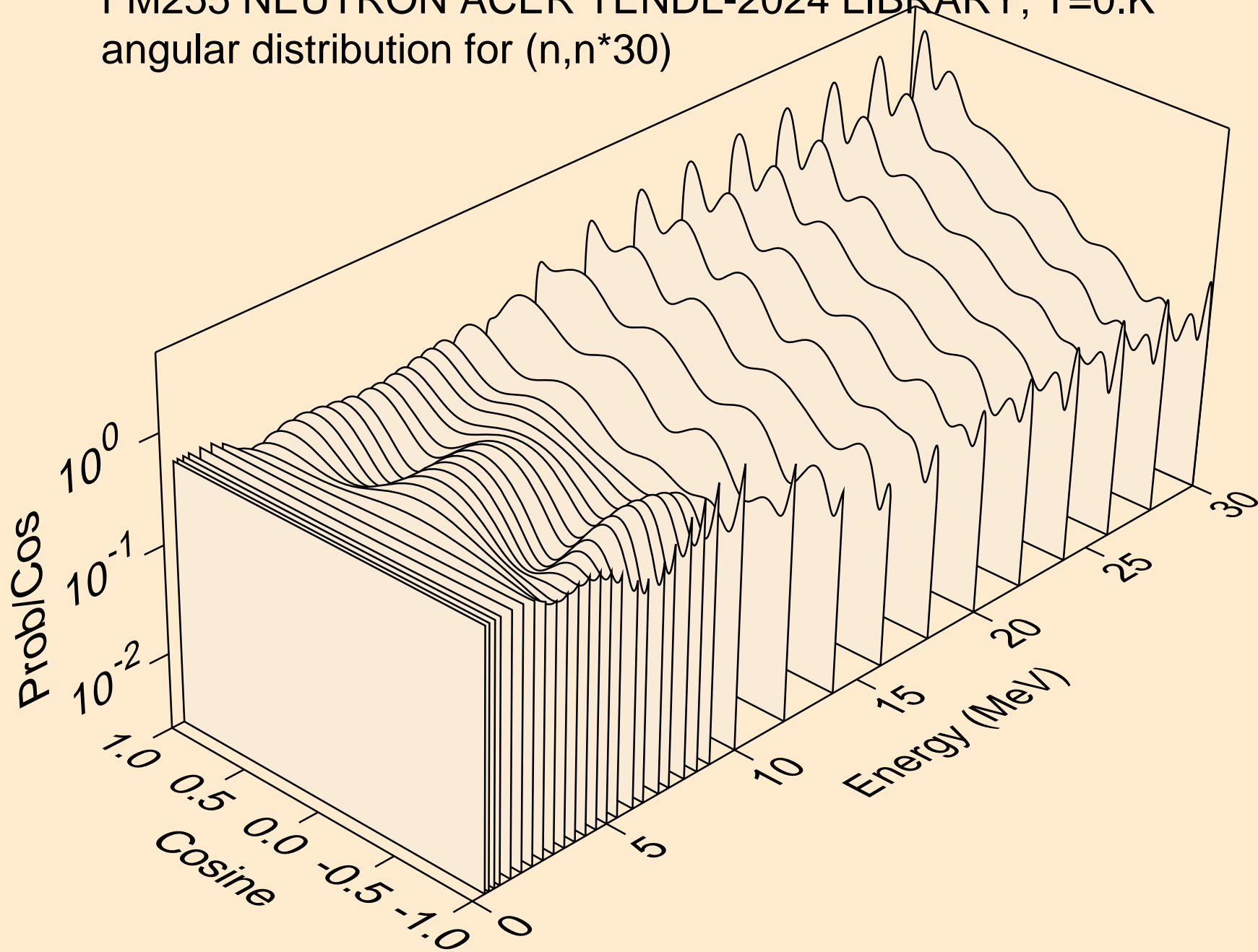
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



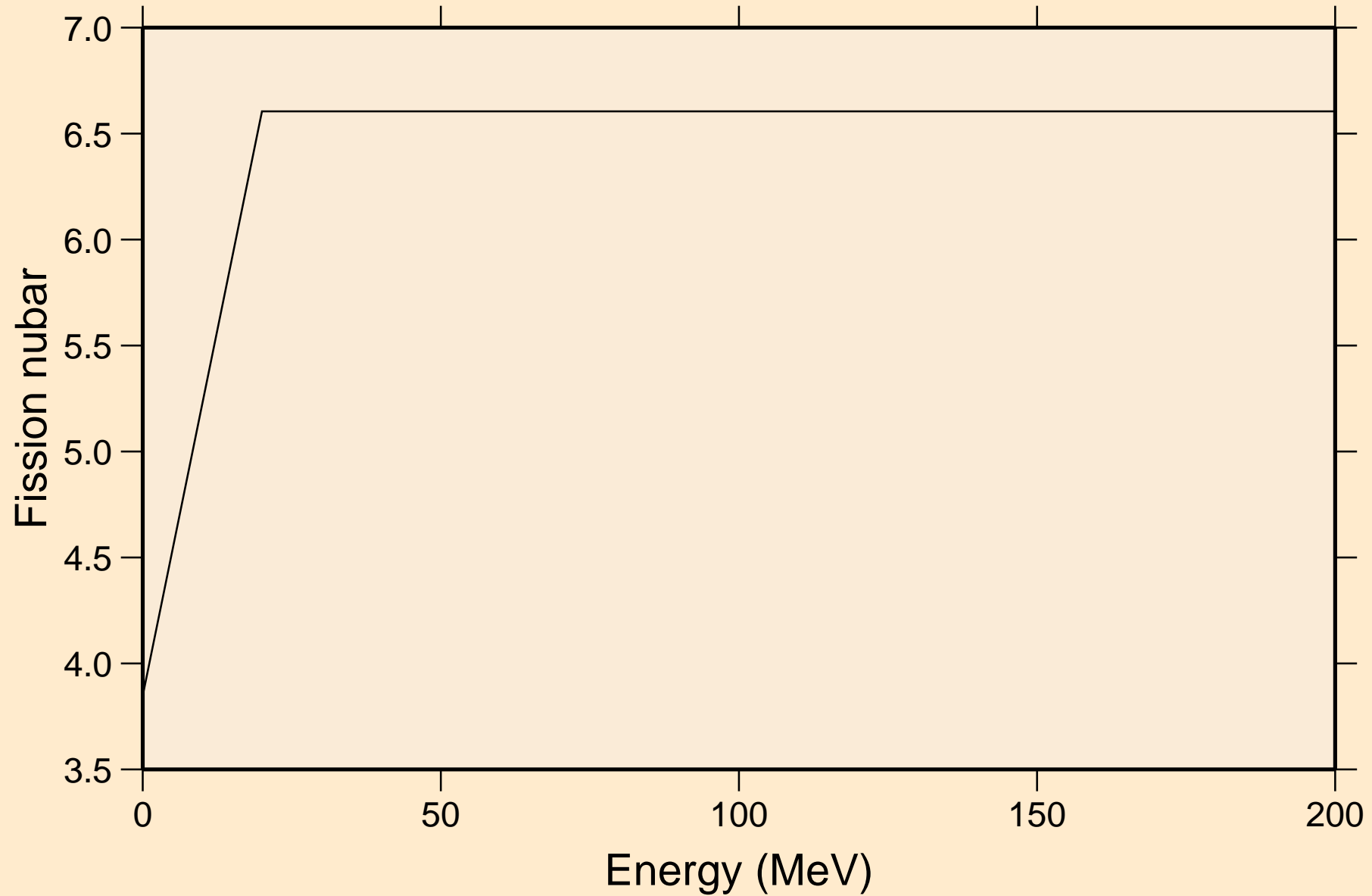
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



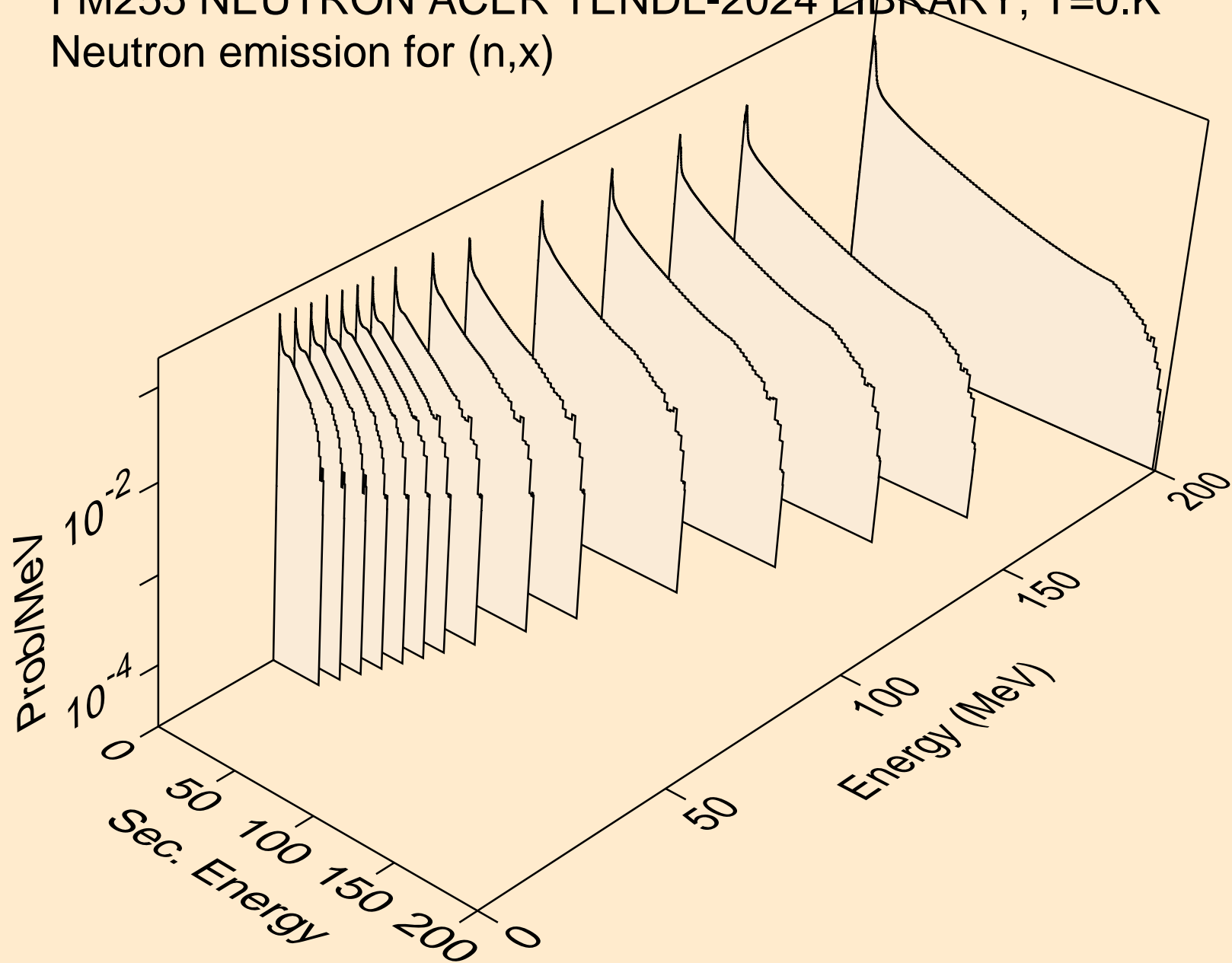
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



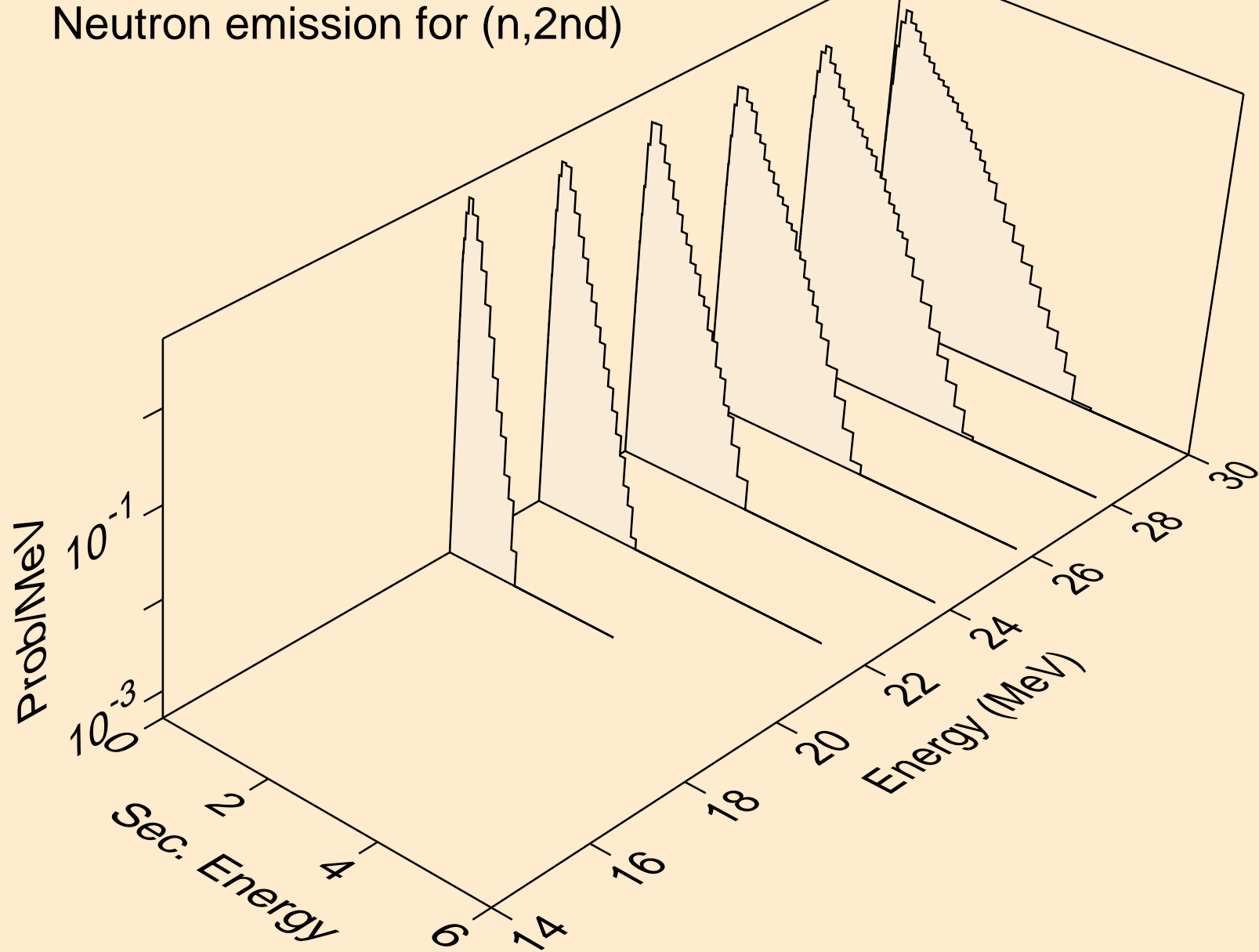
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Total fission nubar



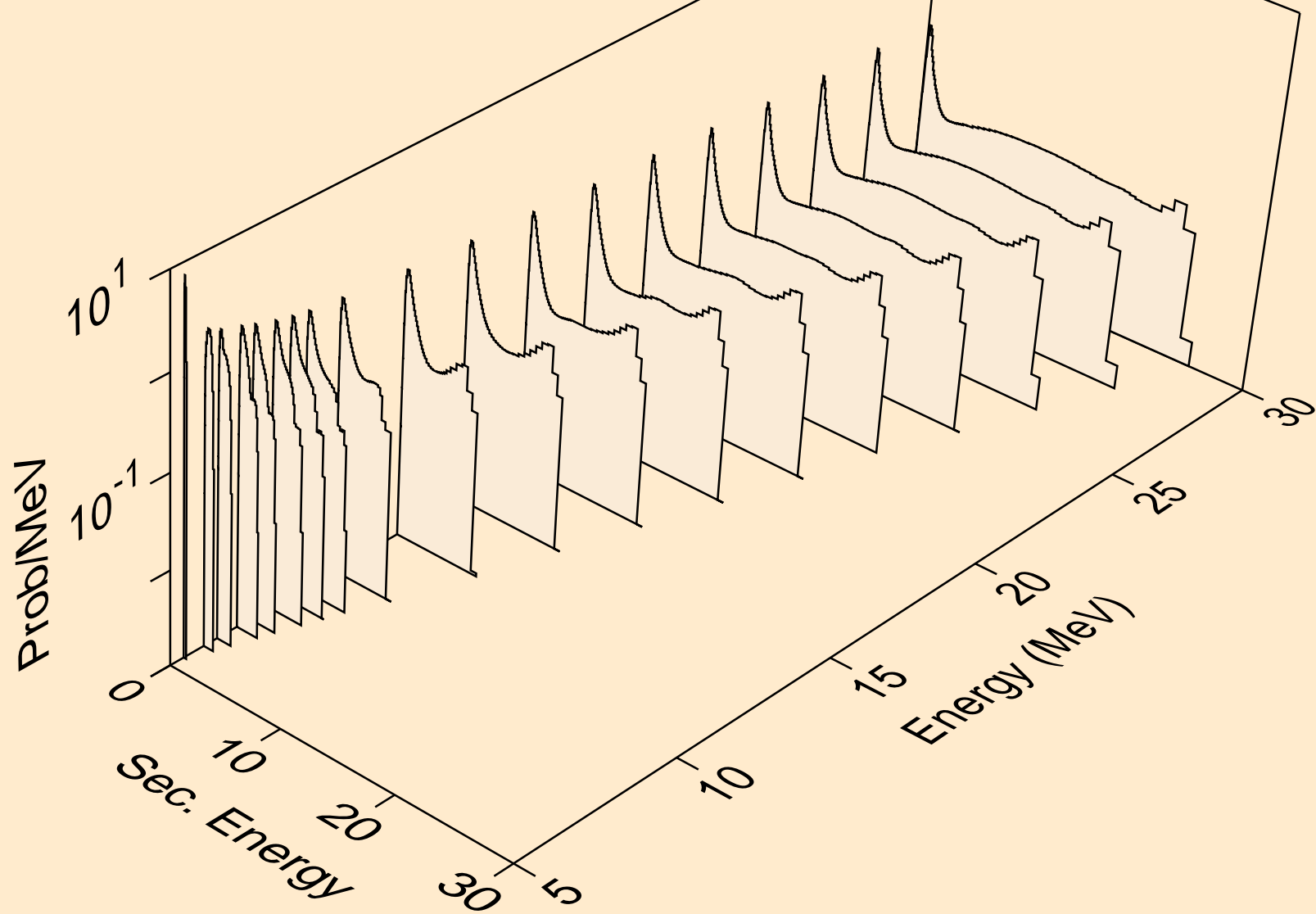
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



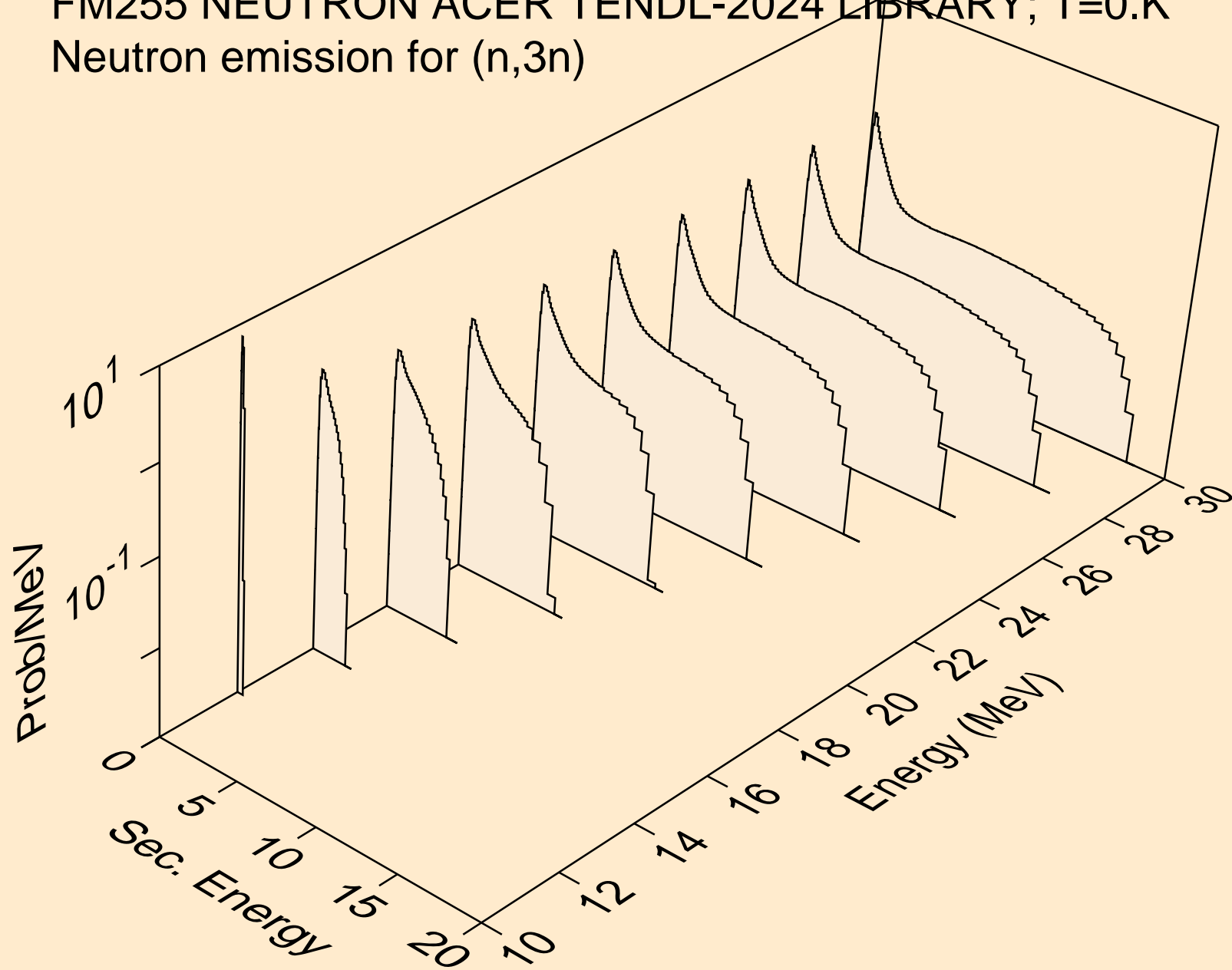
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

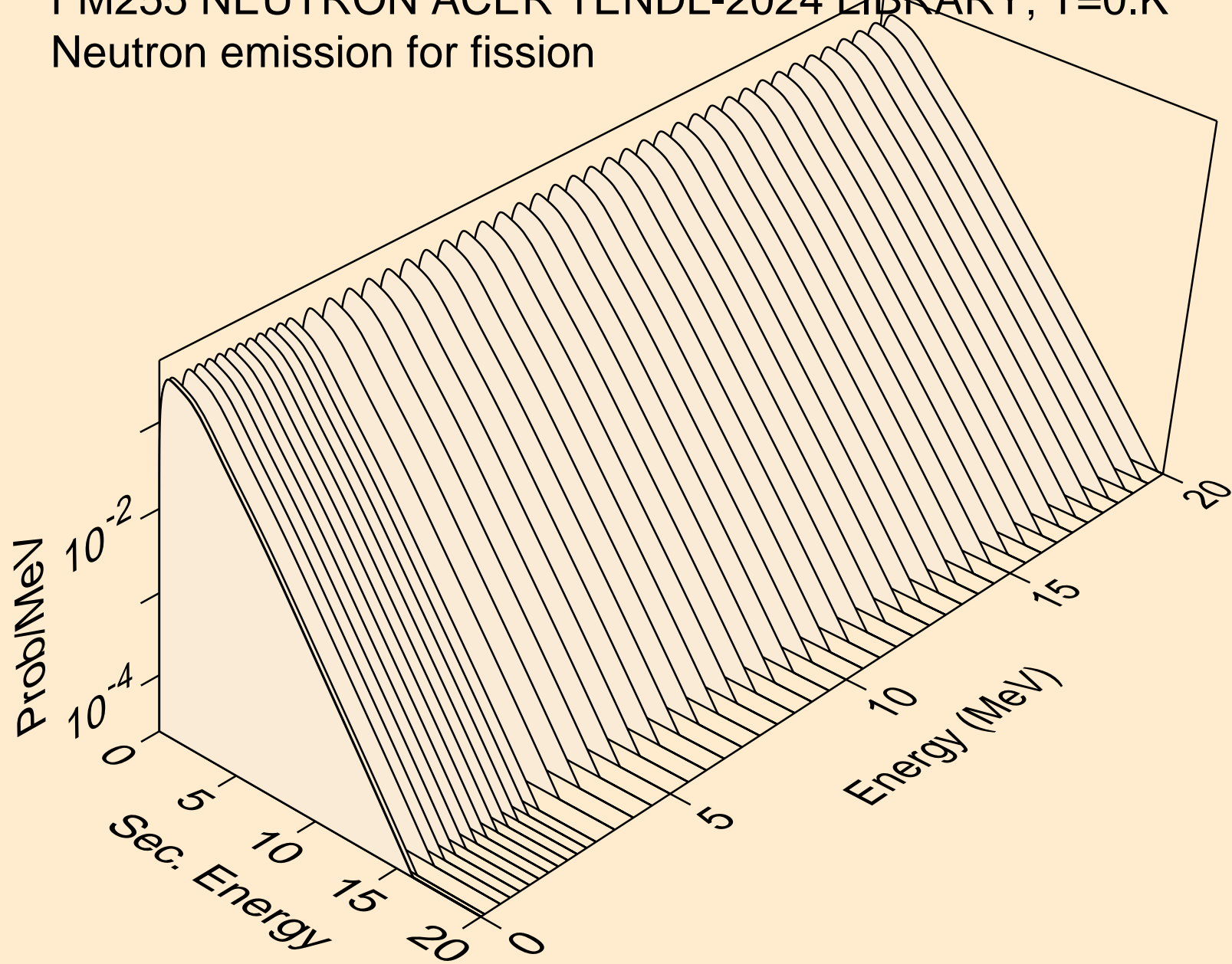


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)

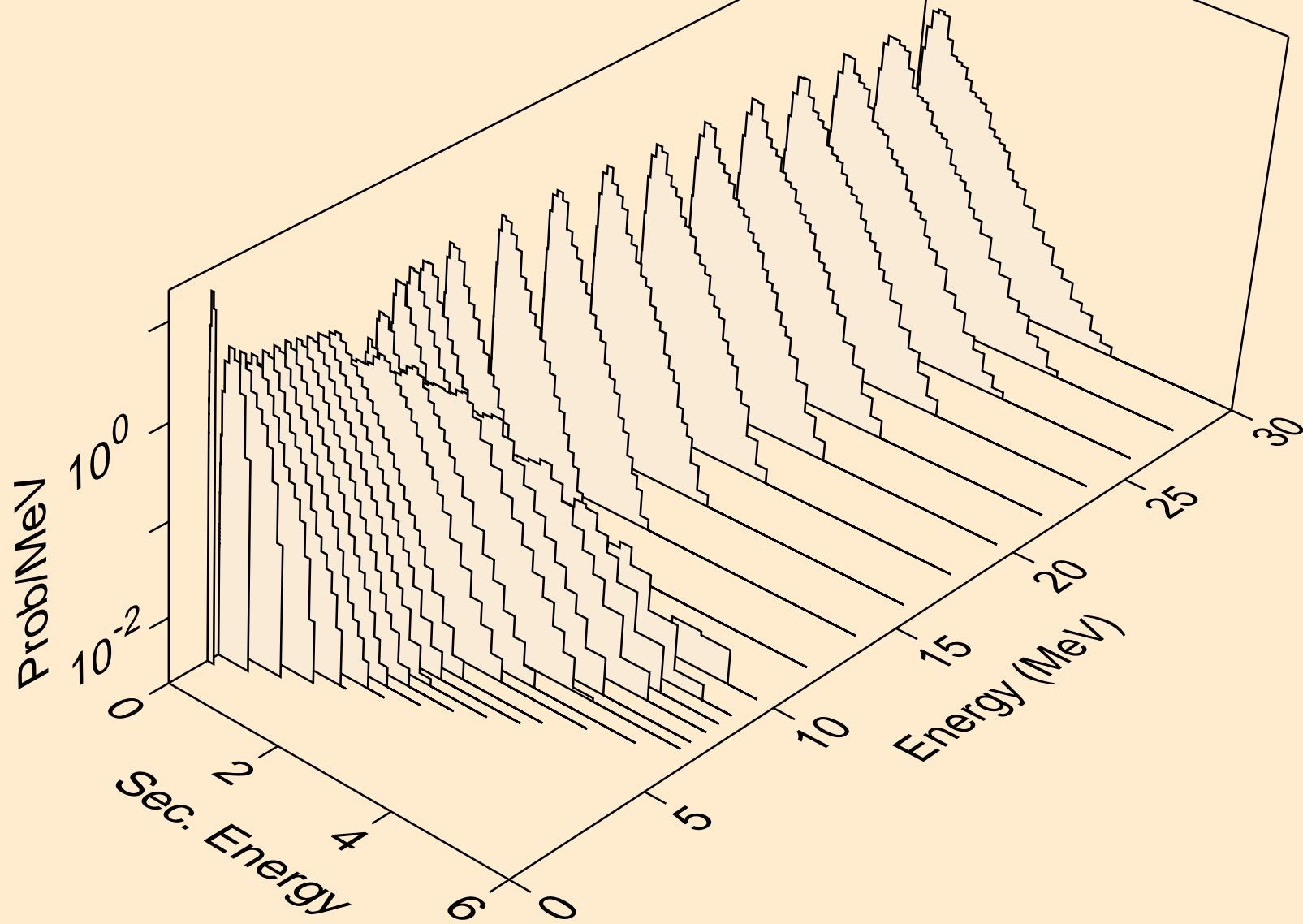




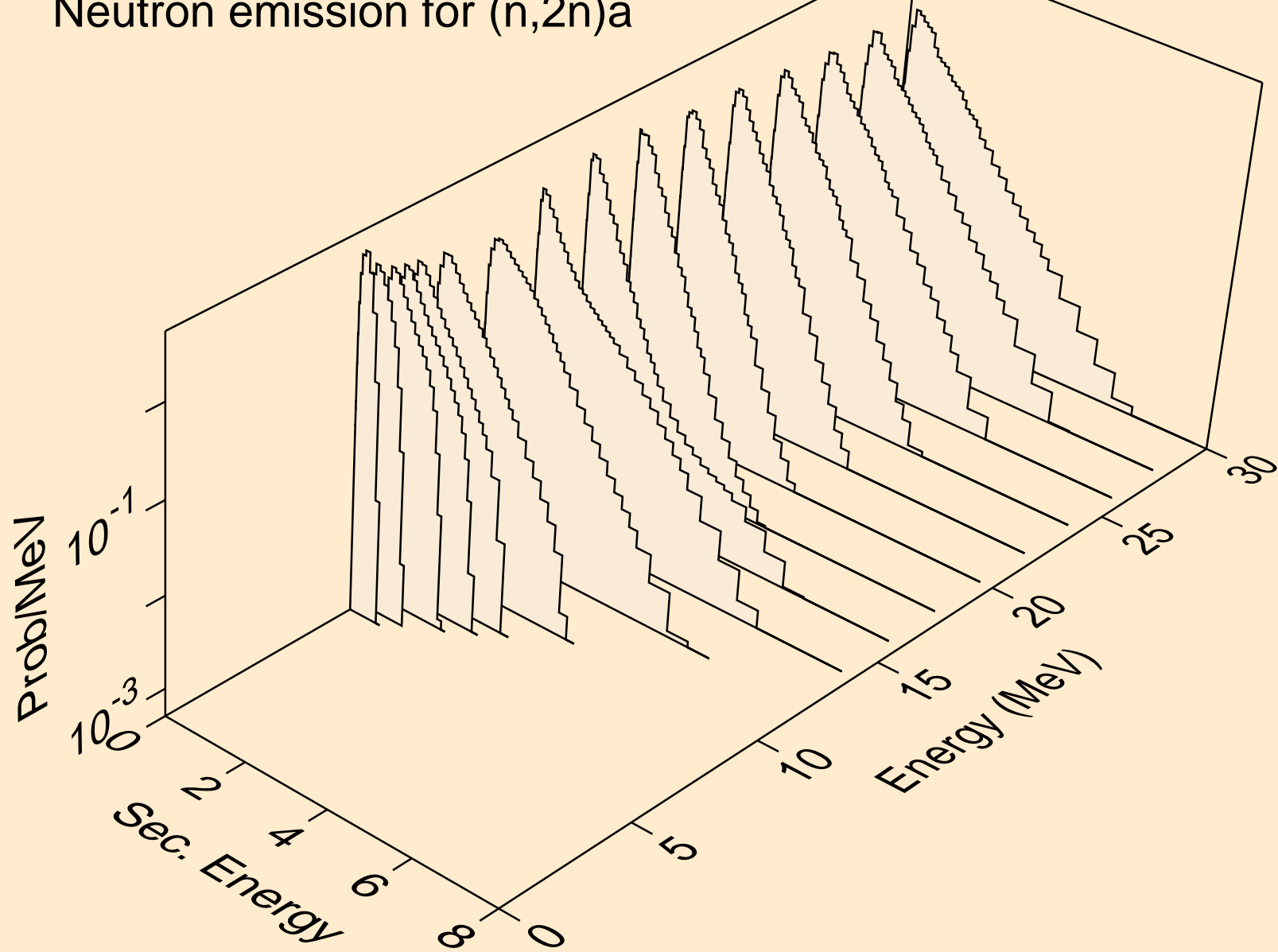
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



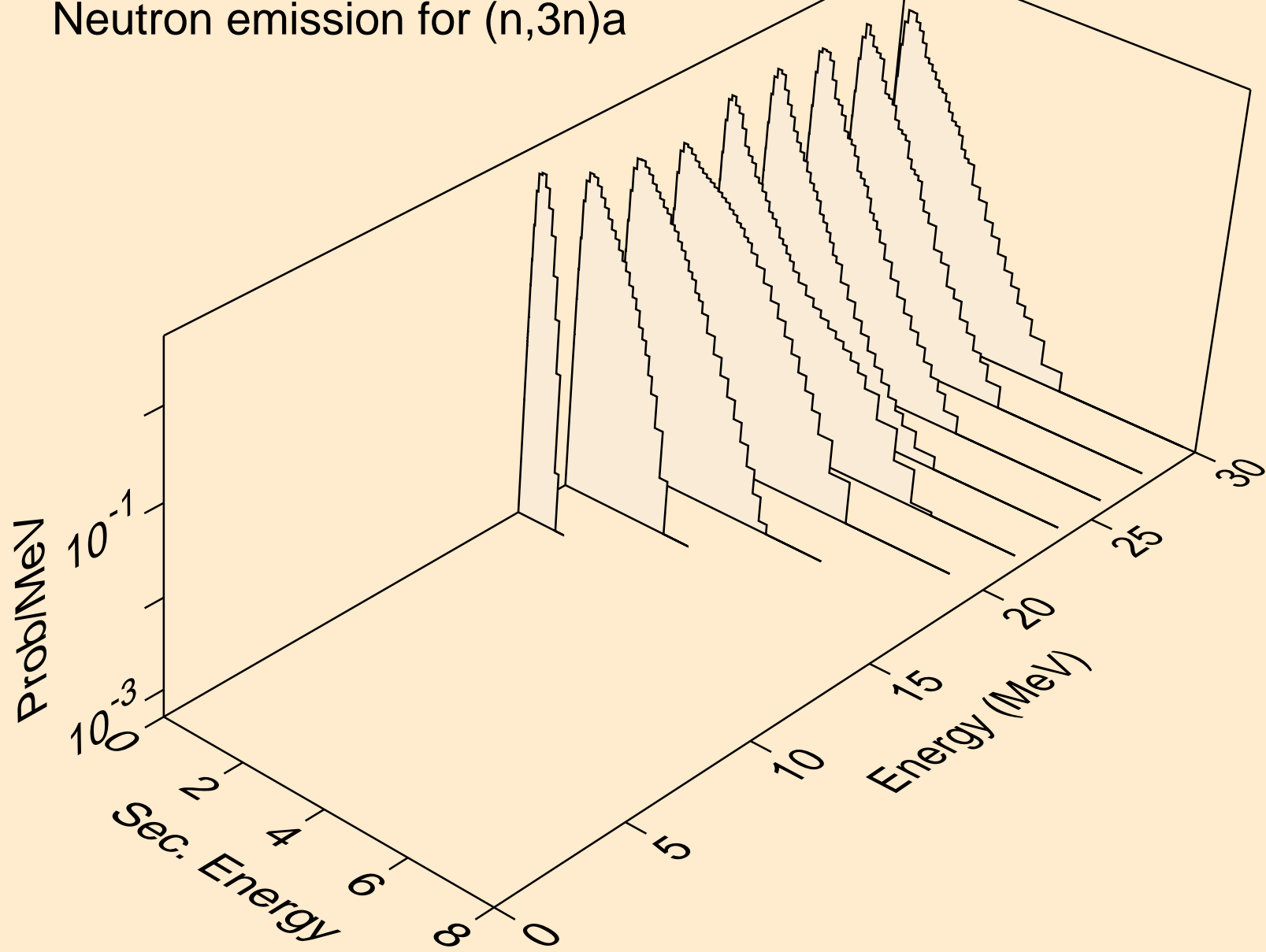
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



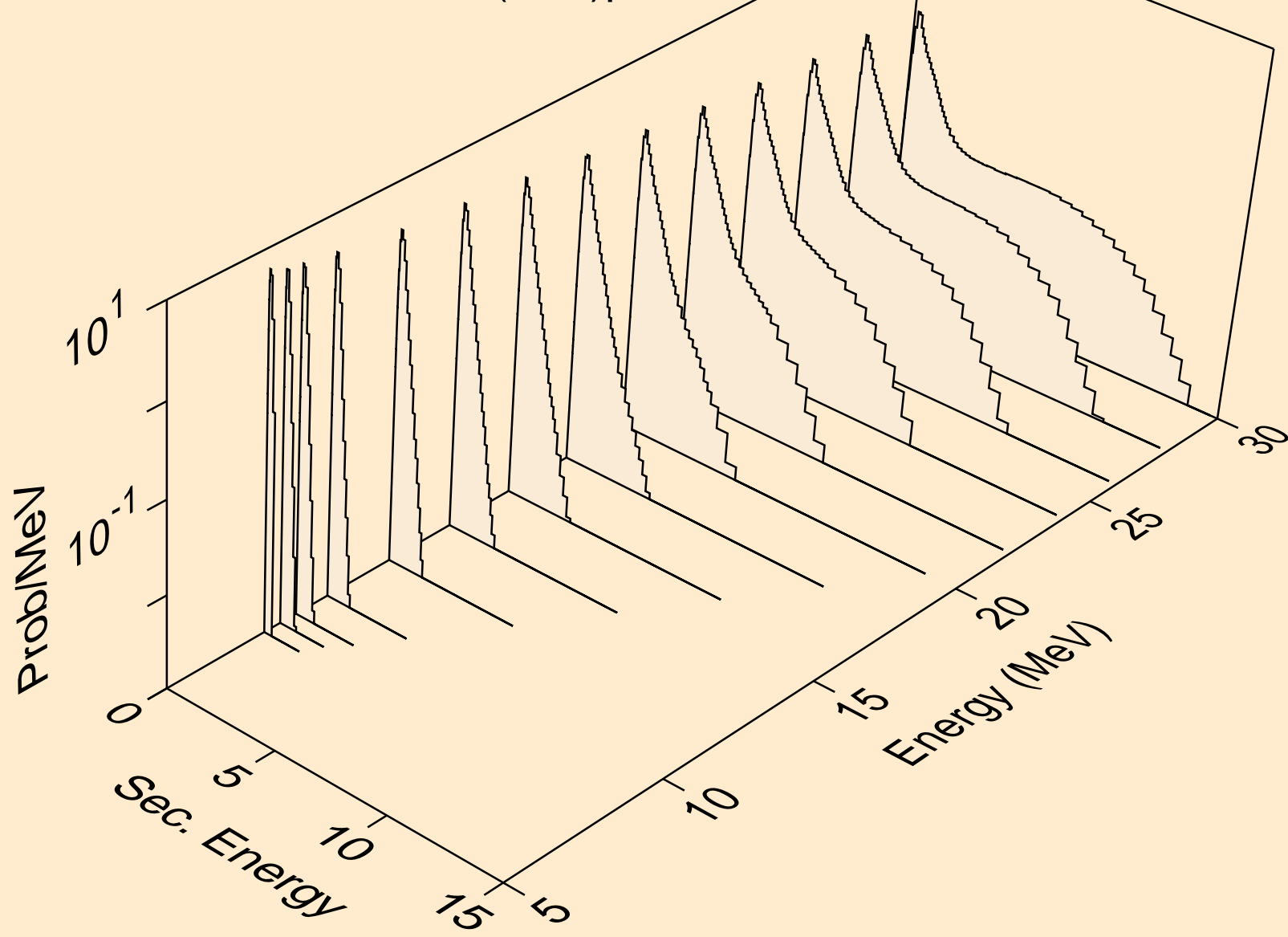
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



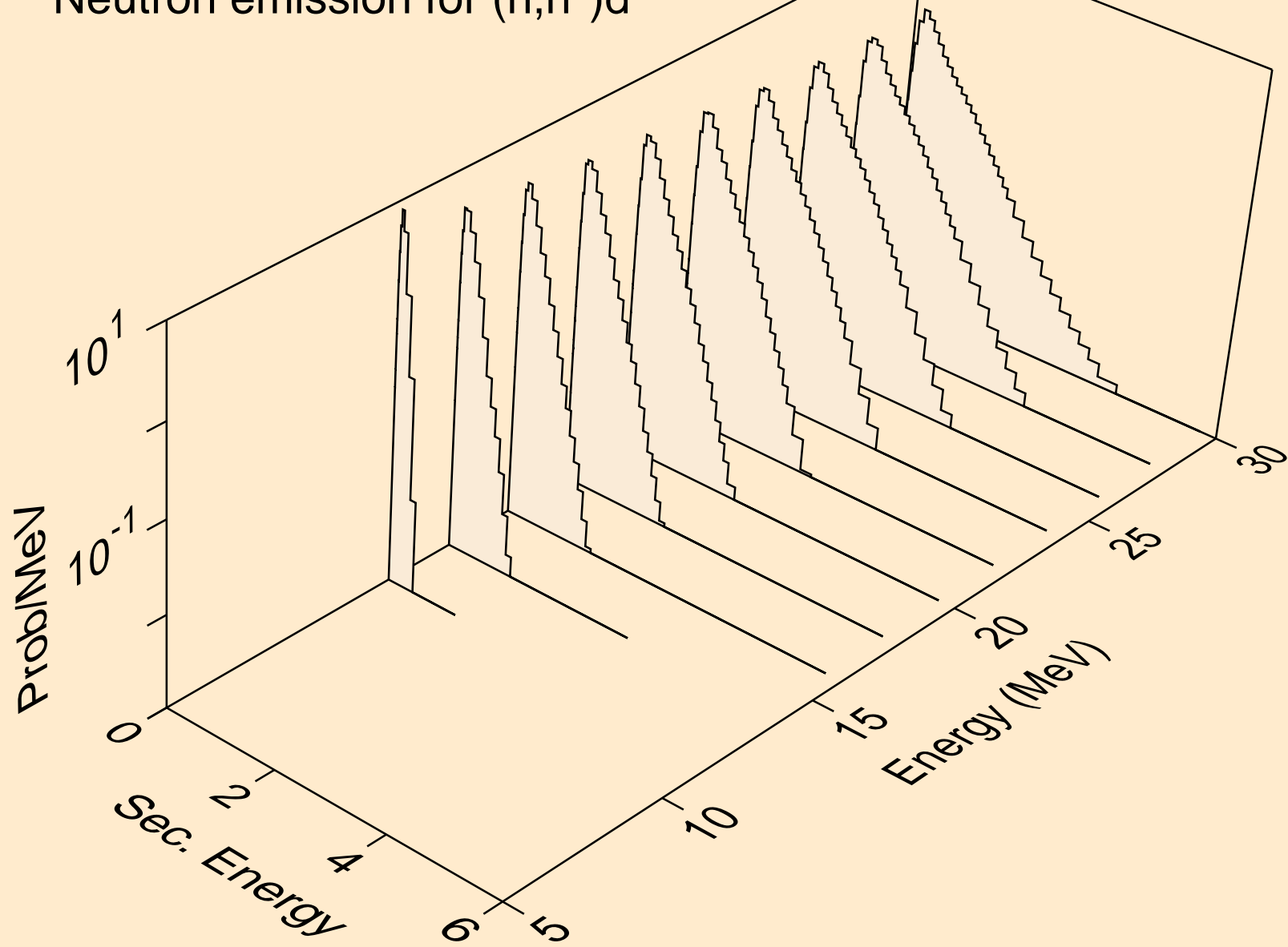
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



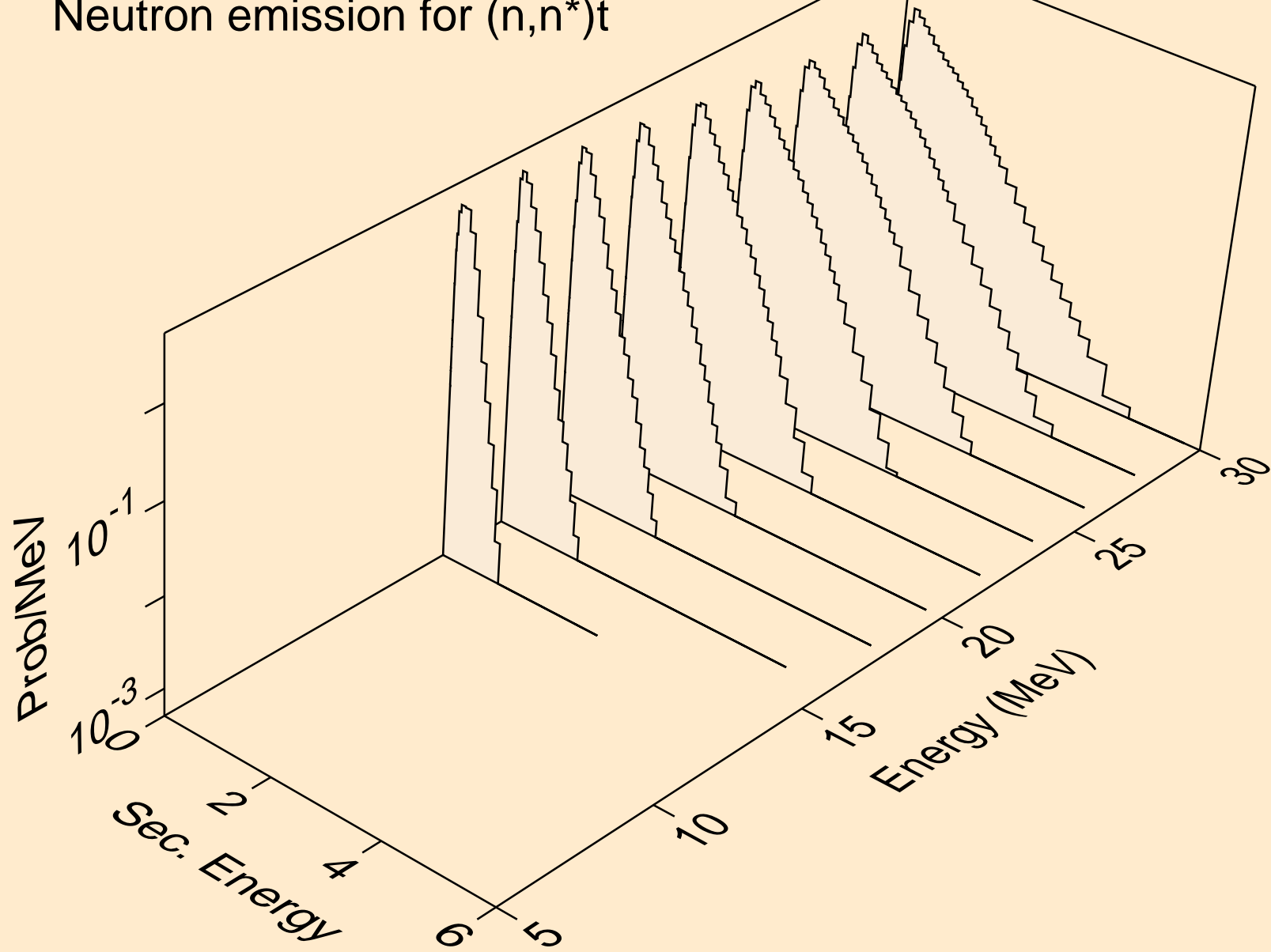
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



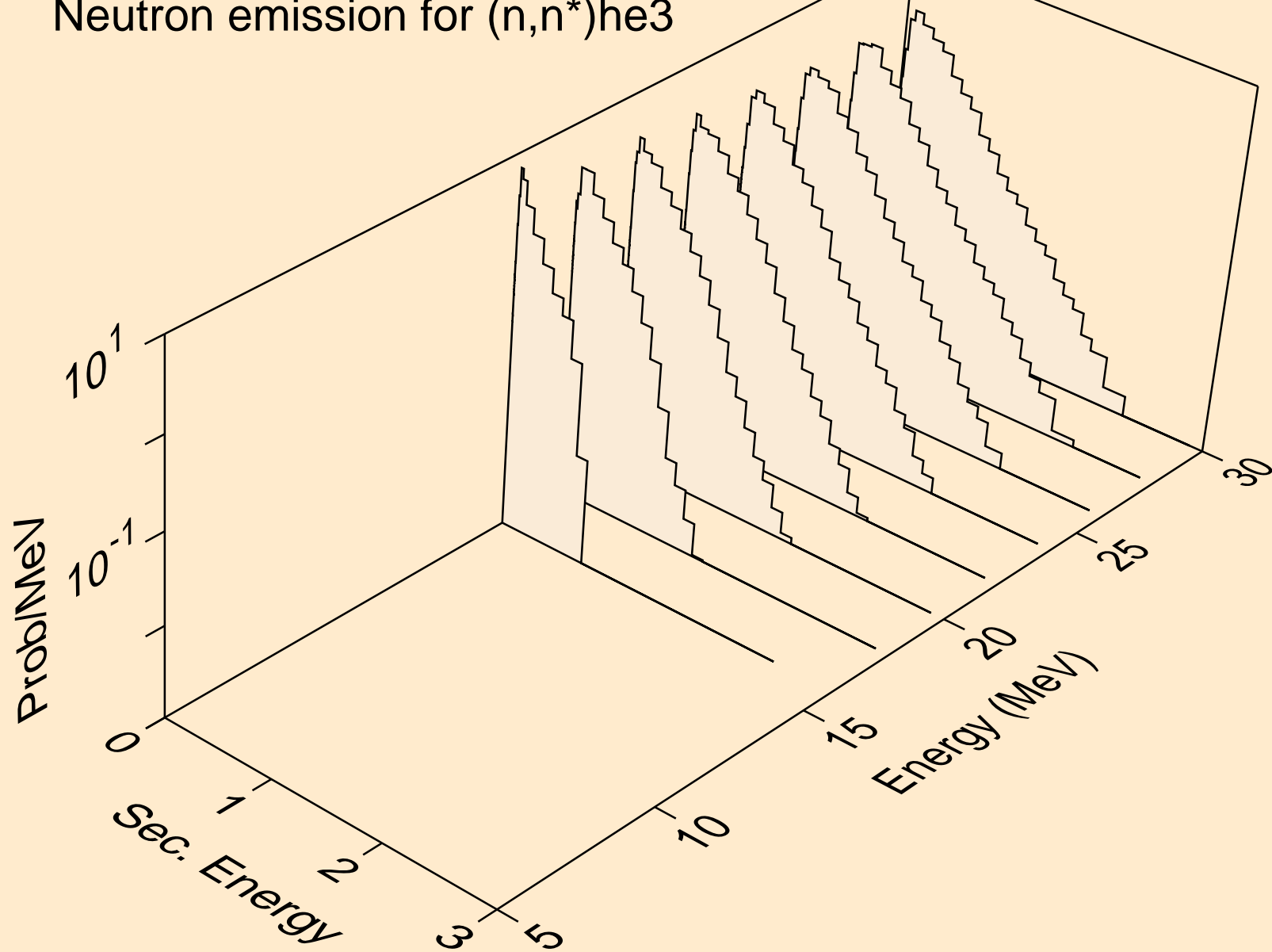
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

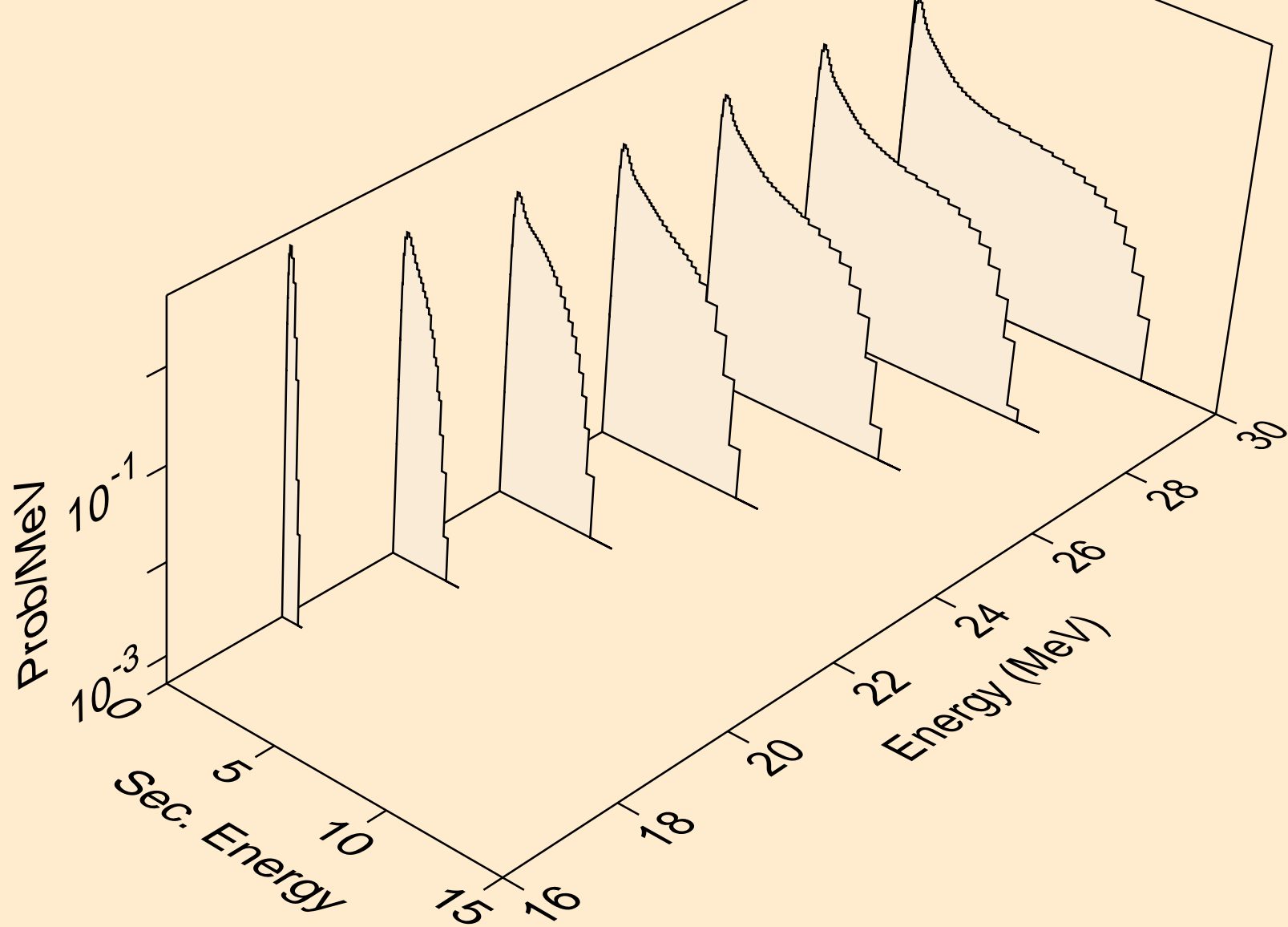


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

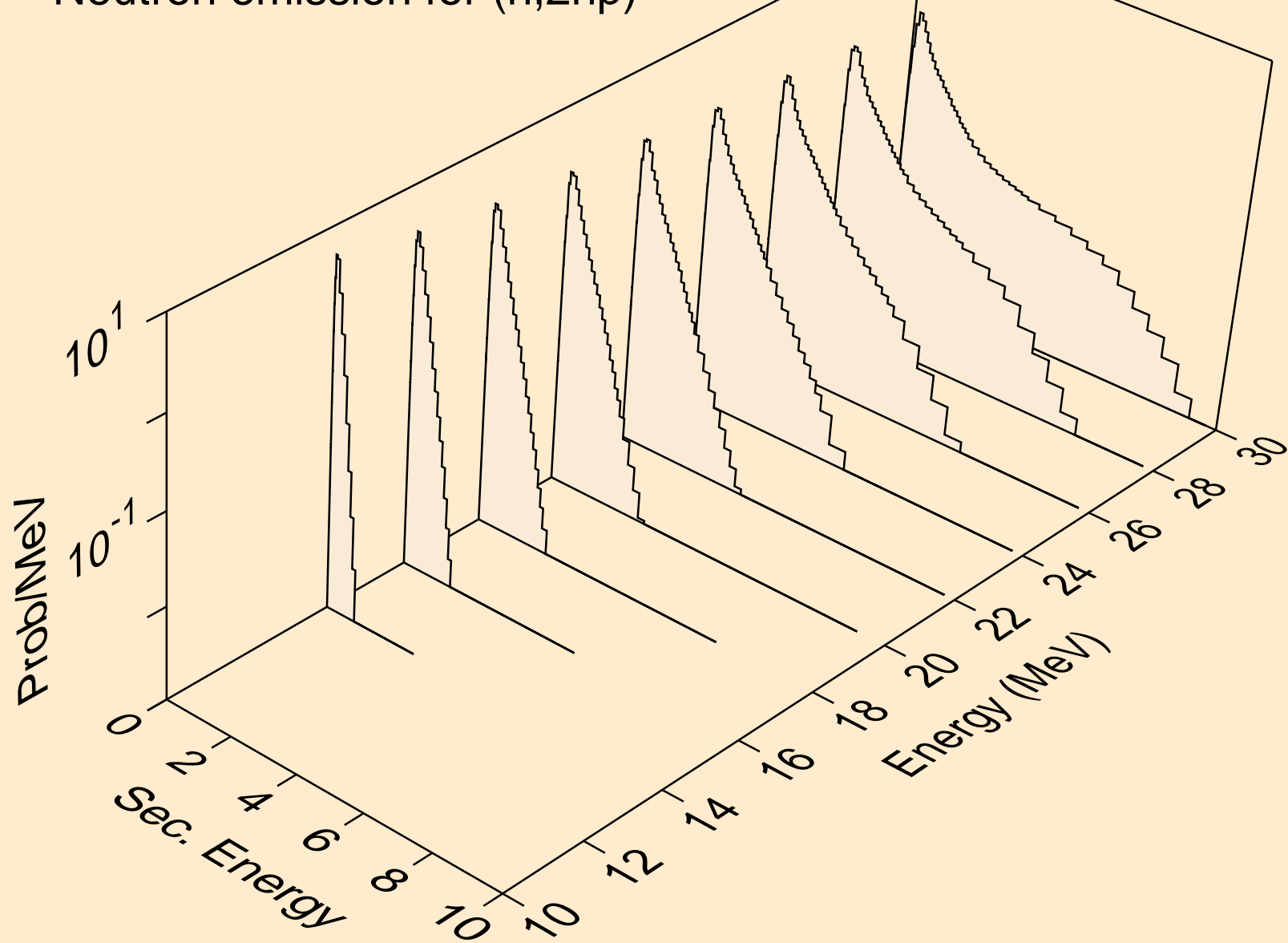




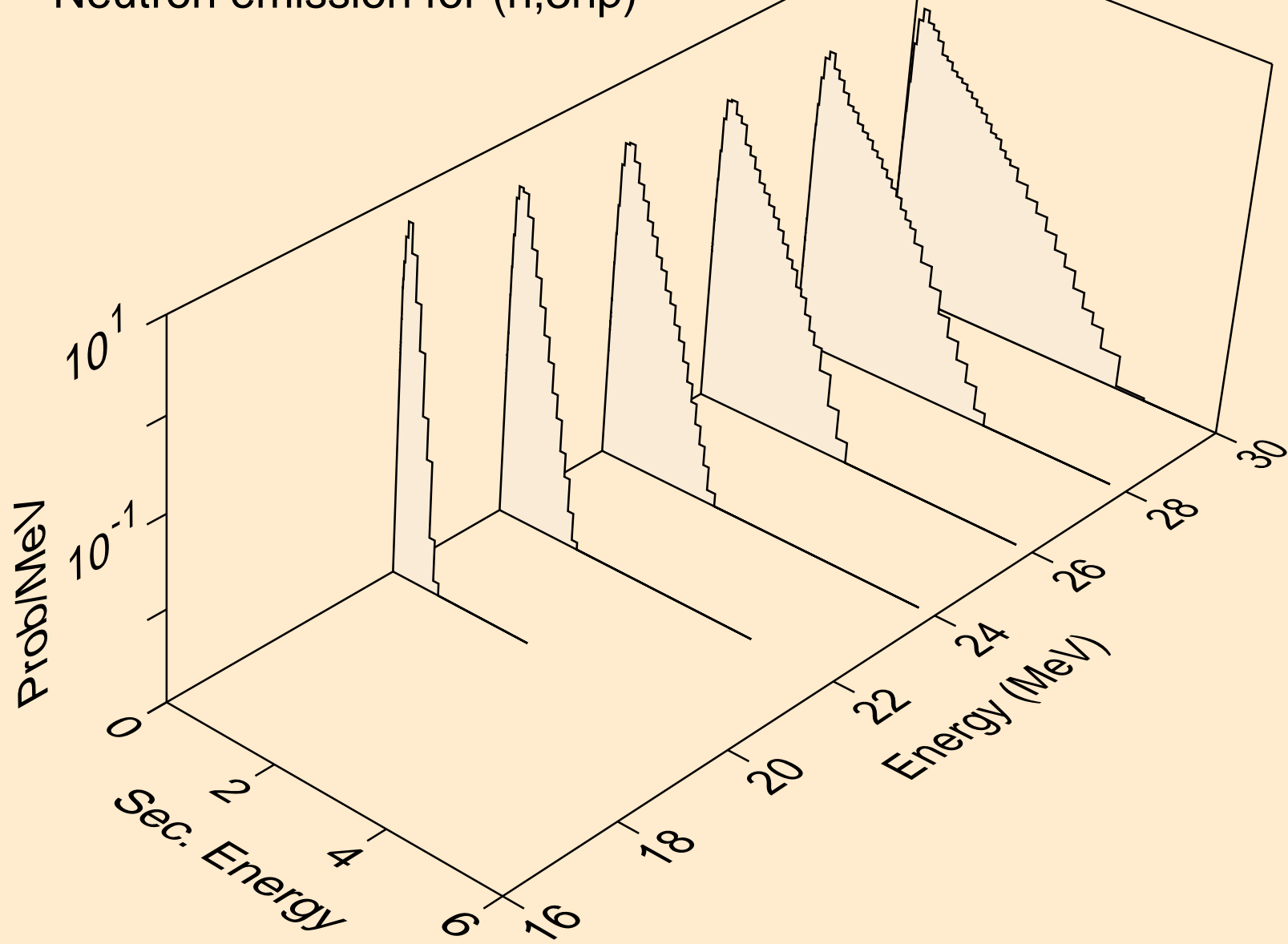
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



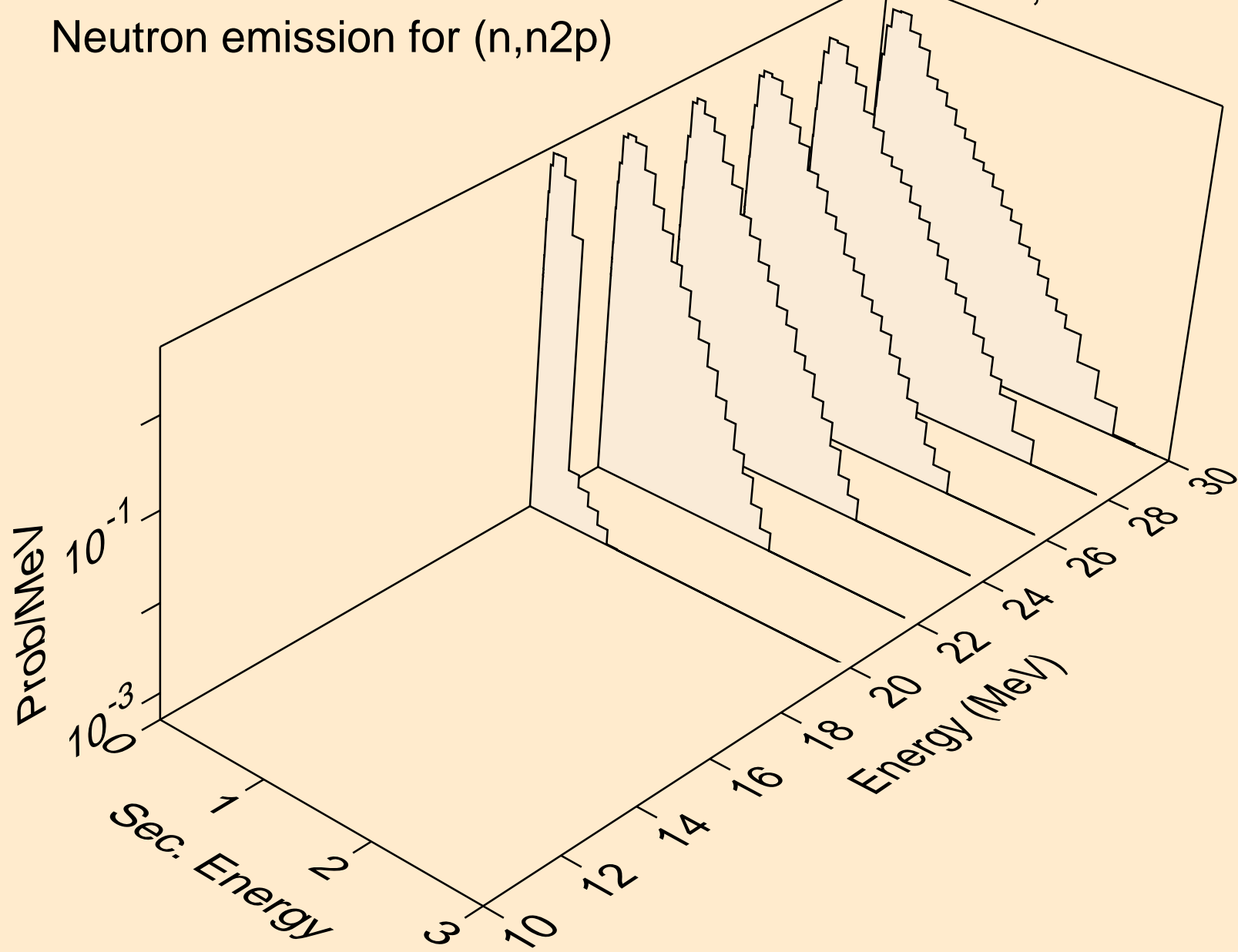
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Neutron emission for (n,2np)



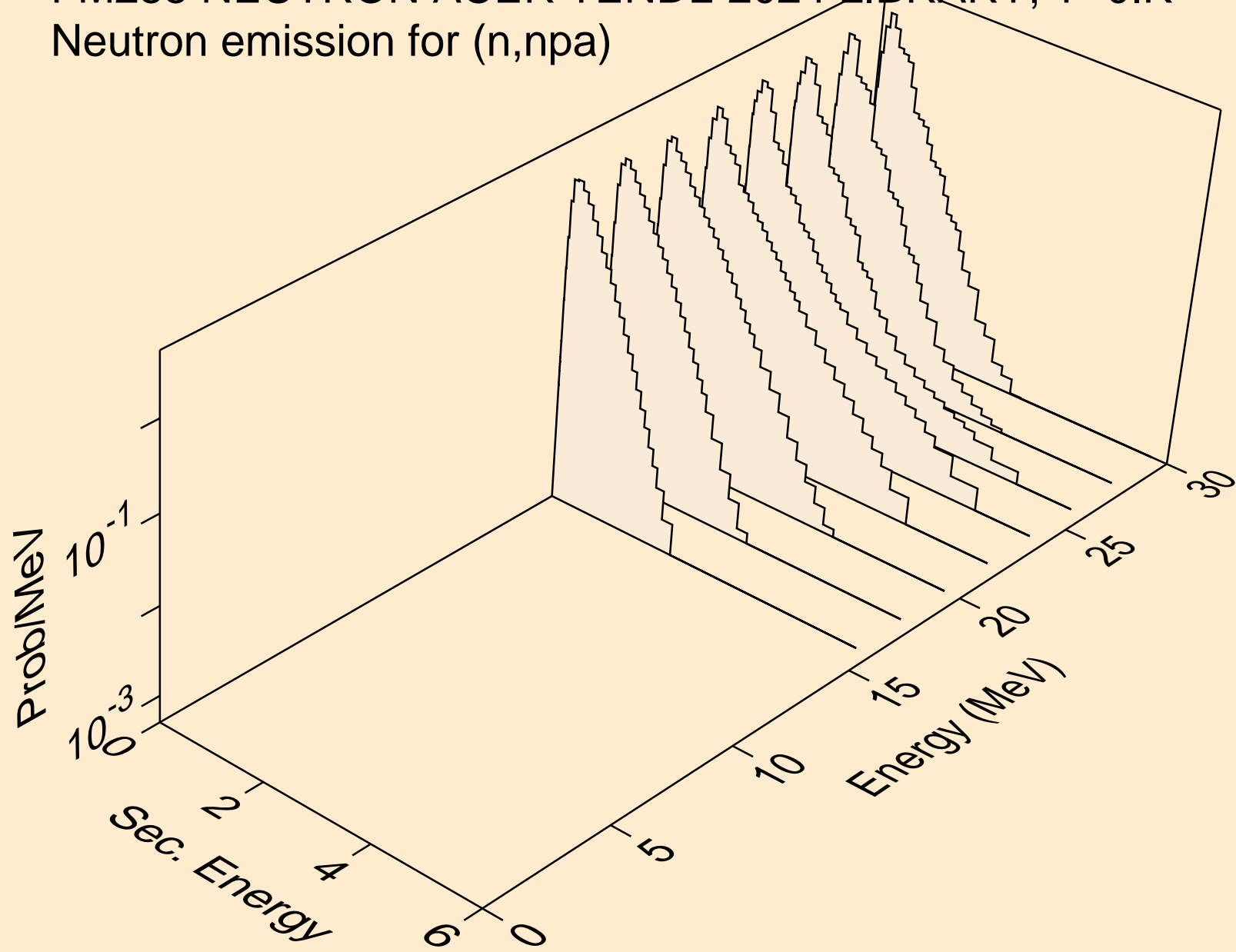
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Neutron emission for (n,3np)



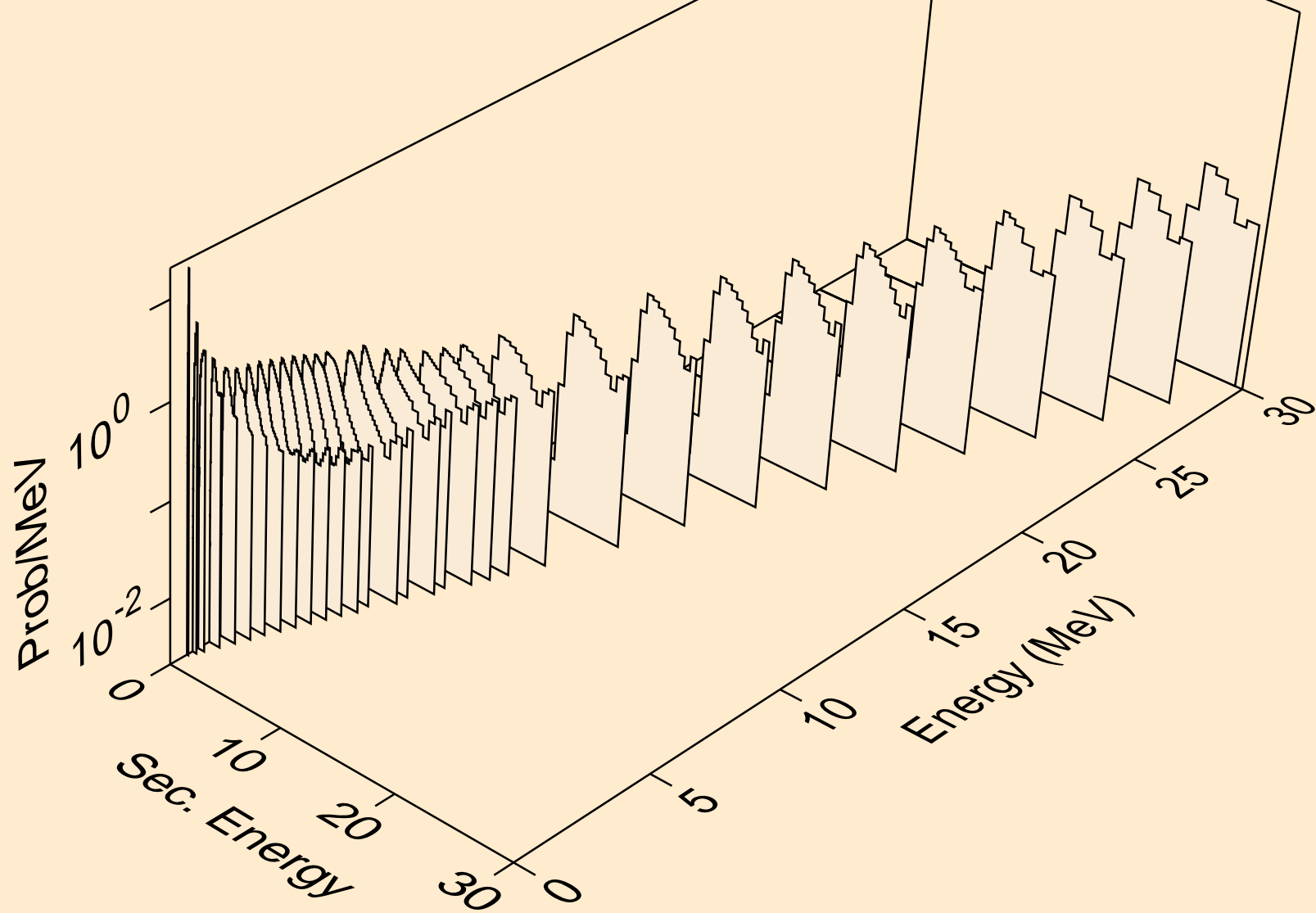
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Neutron emission for (n,n2p)



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

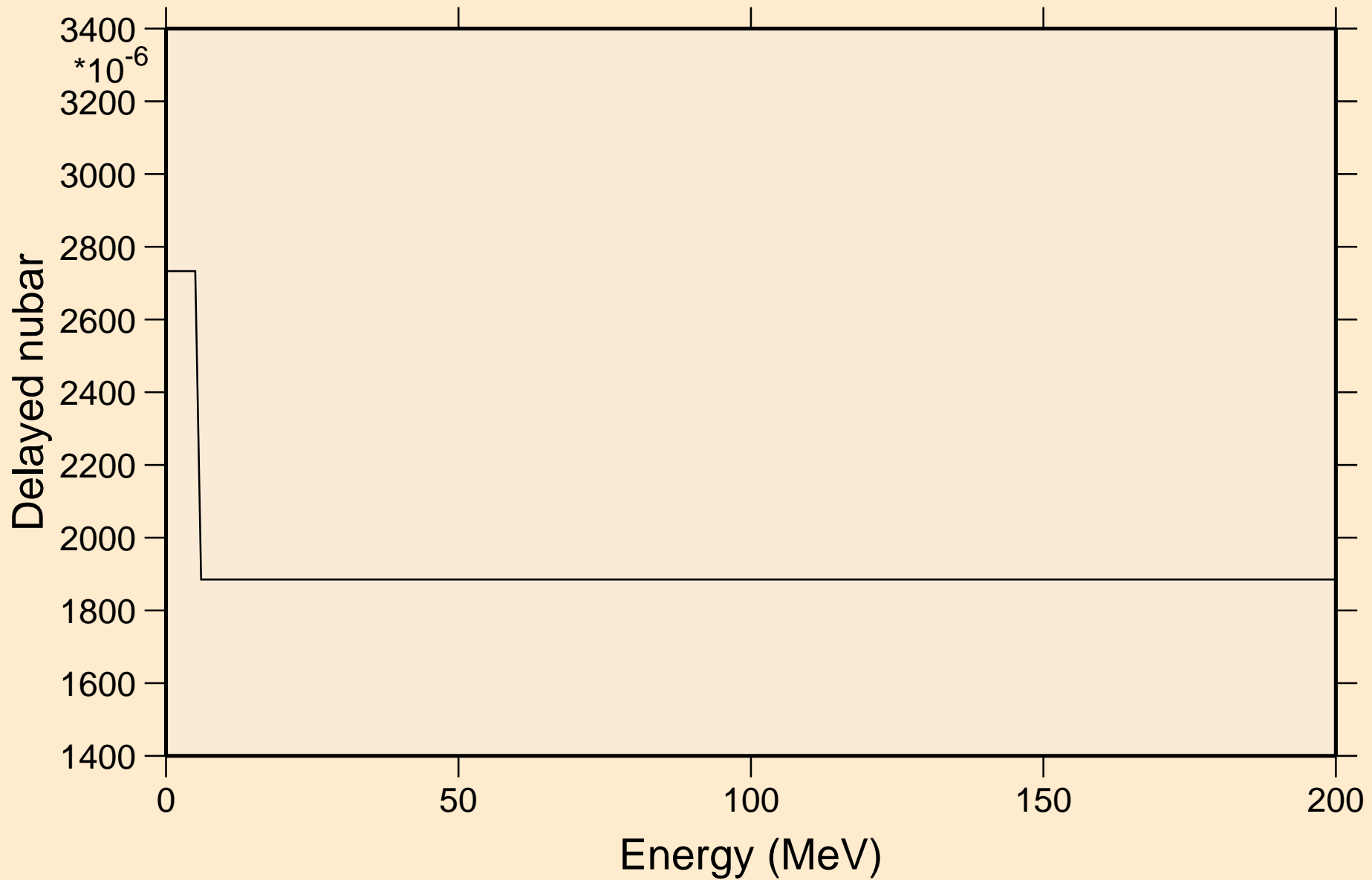


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



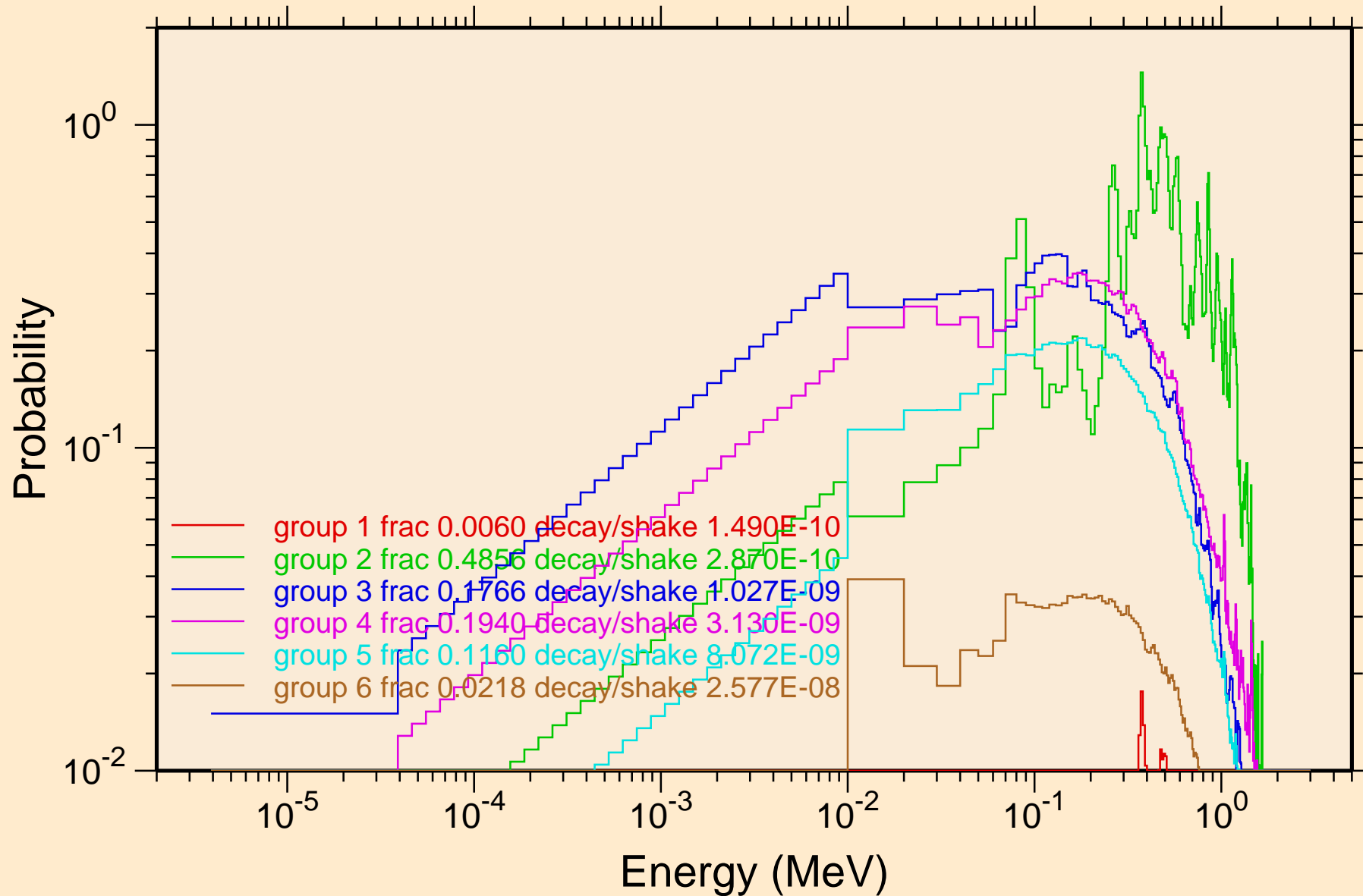
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## Delayed nubar



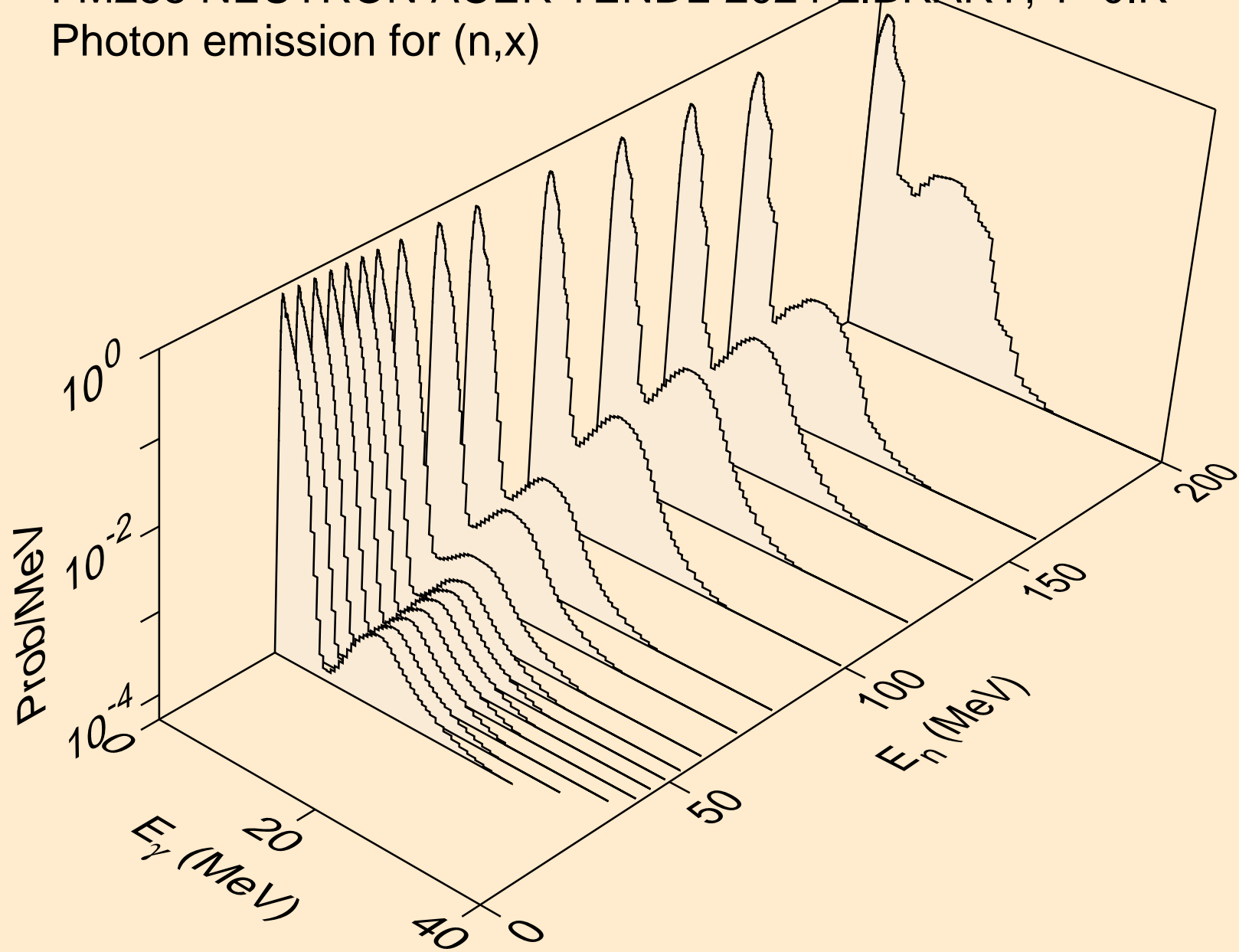
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## Delayed neutron spectra

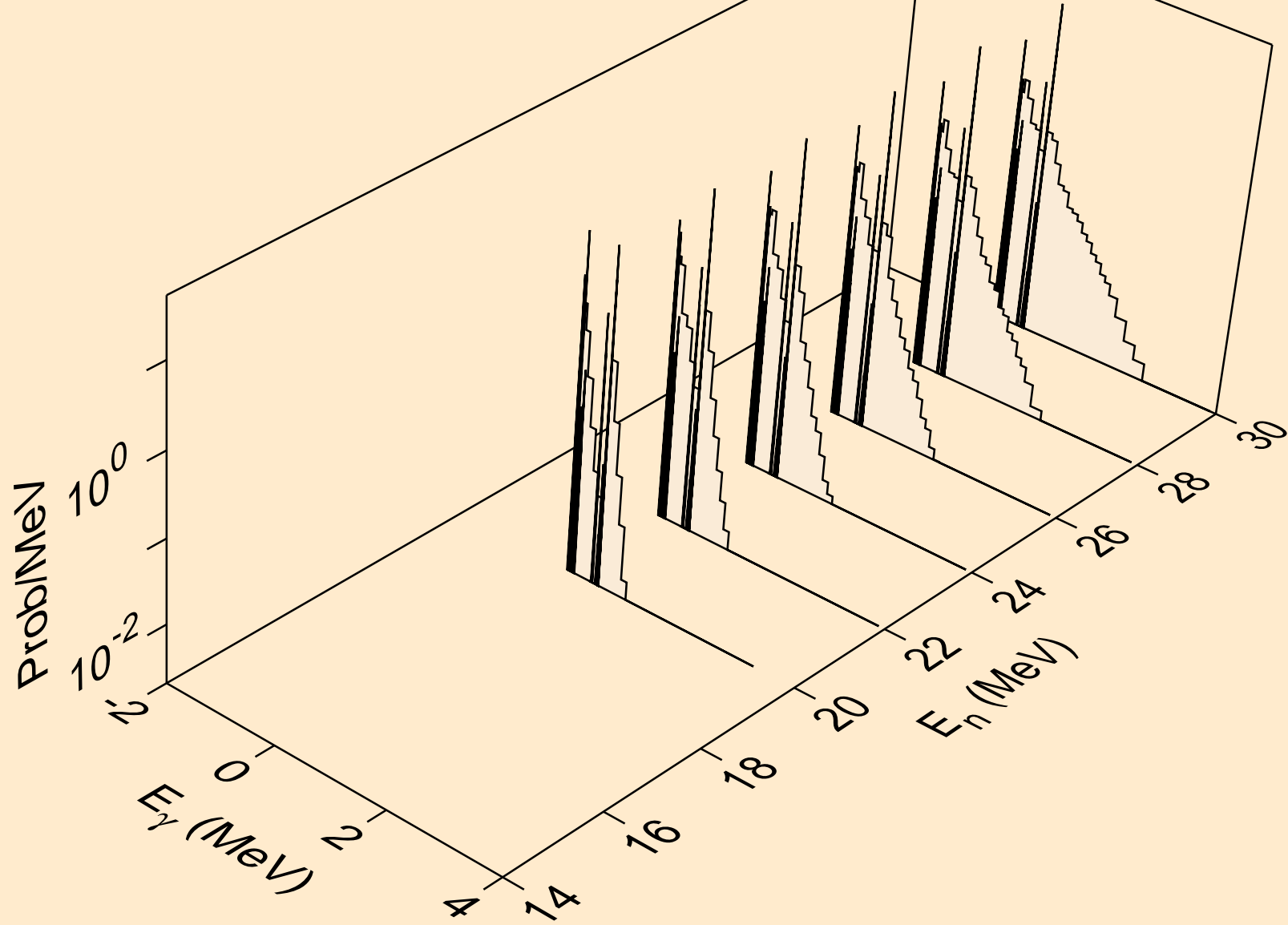




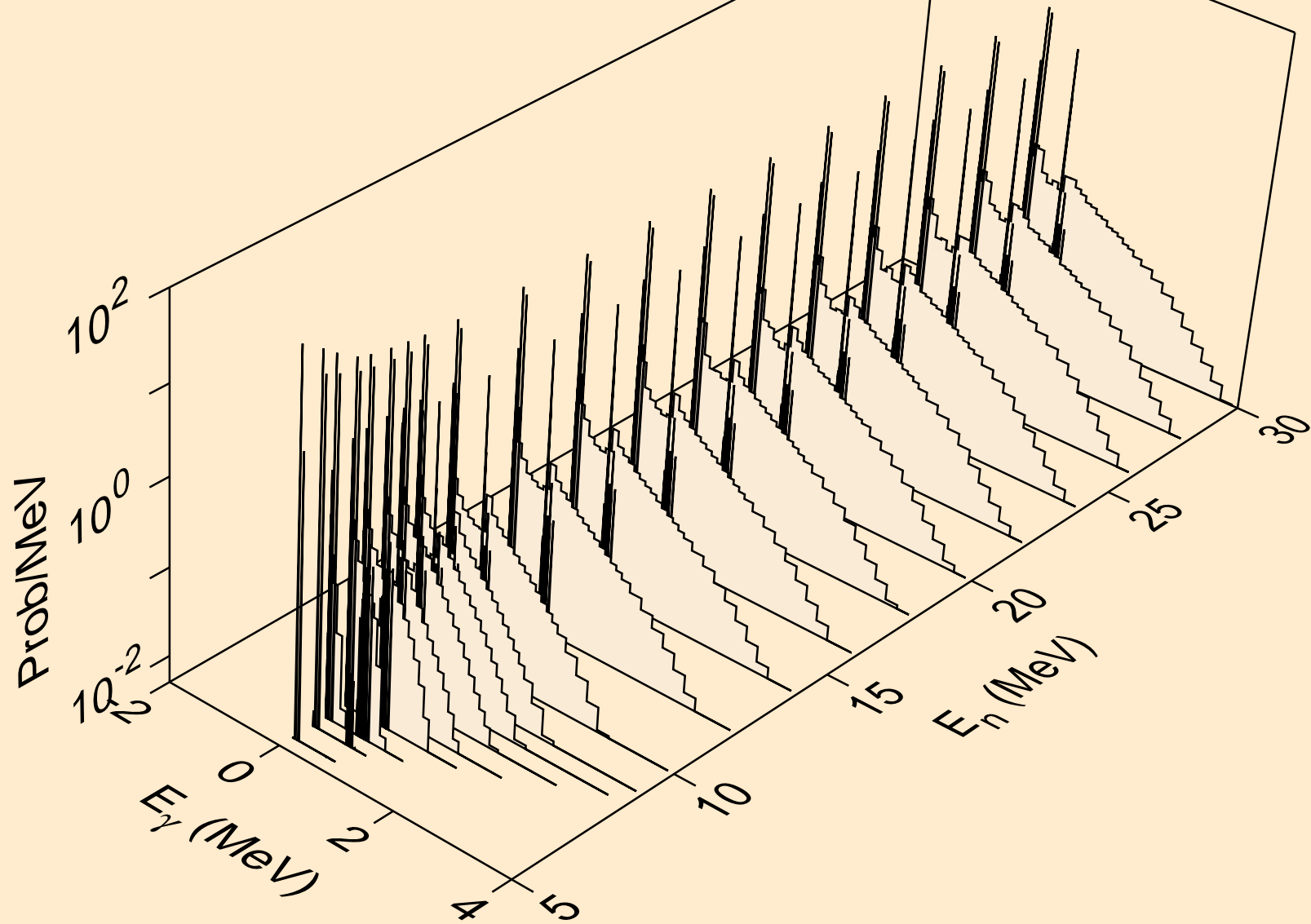
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



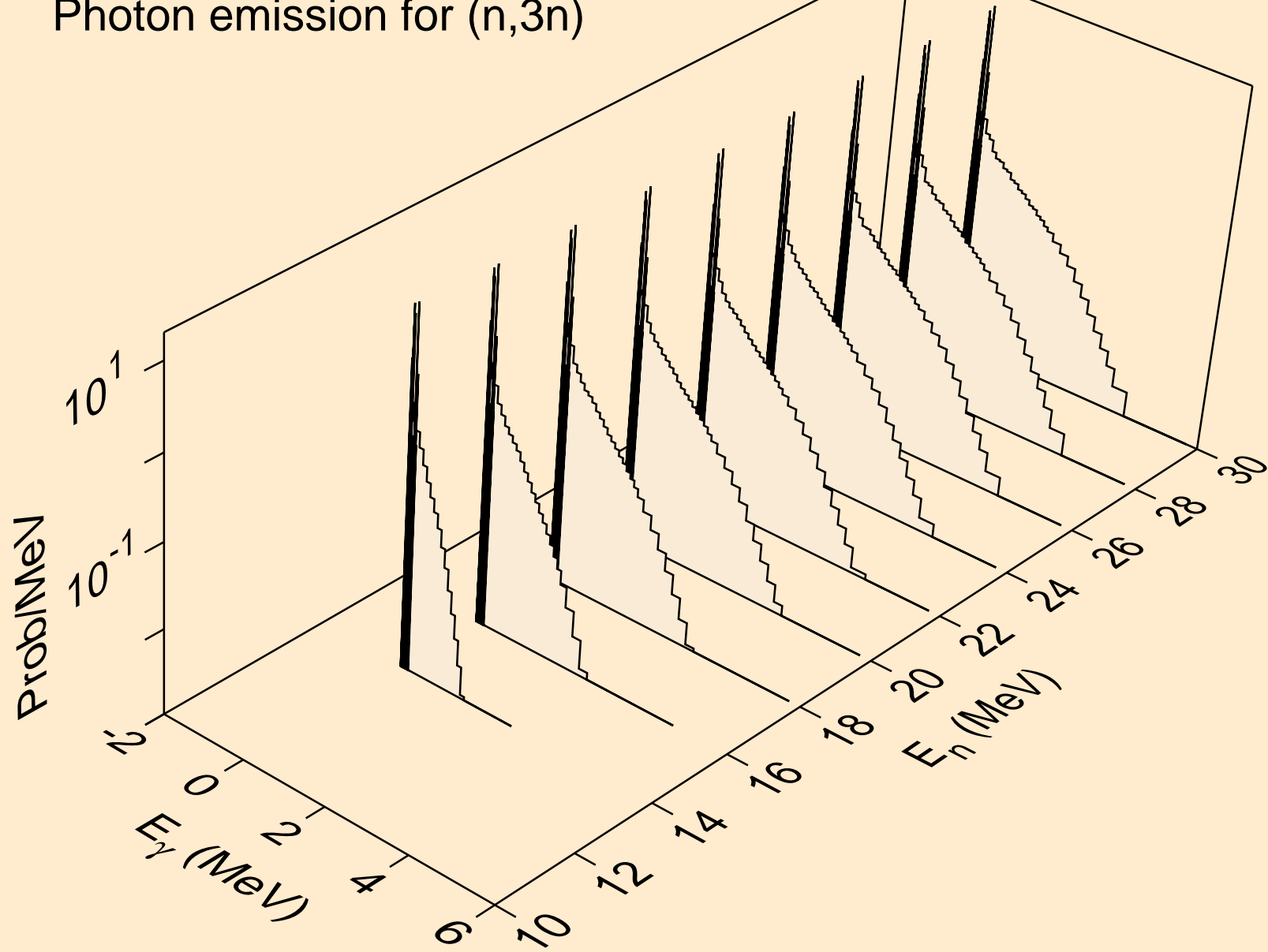
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



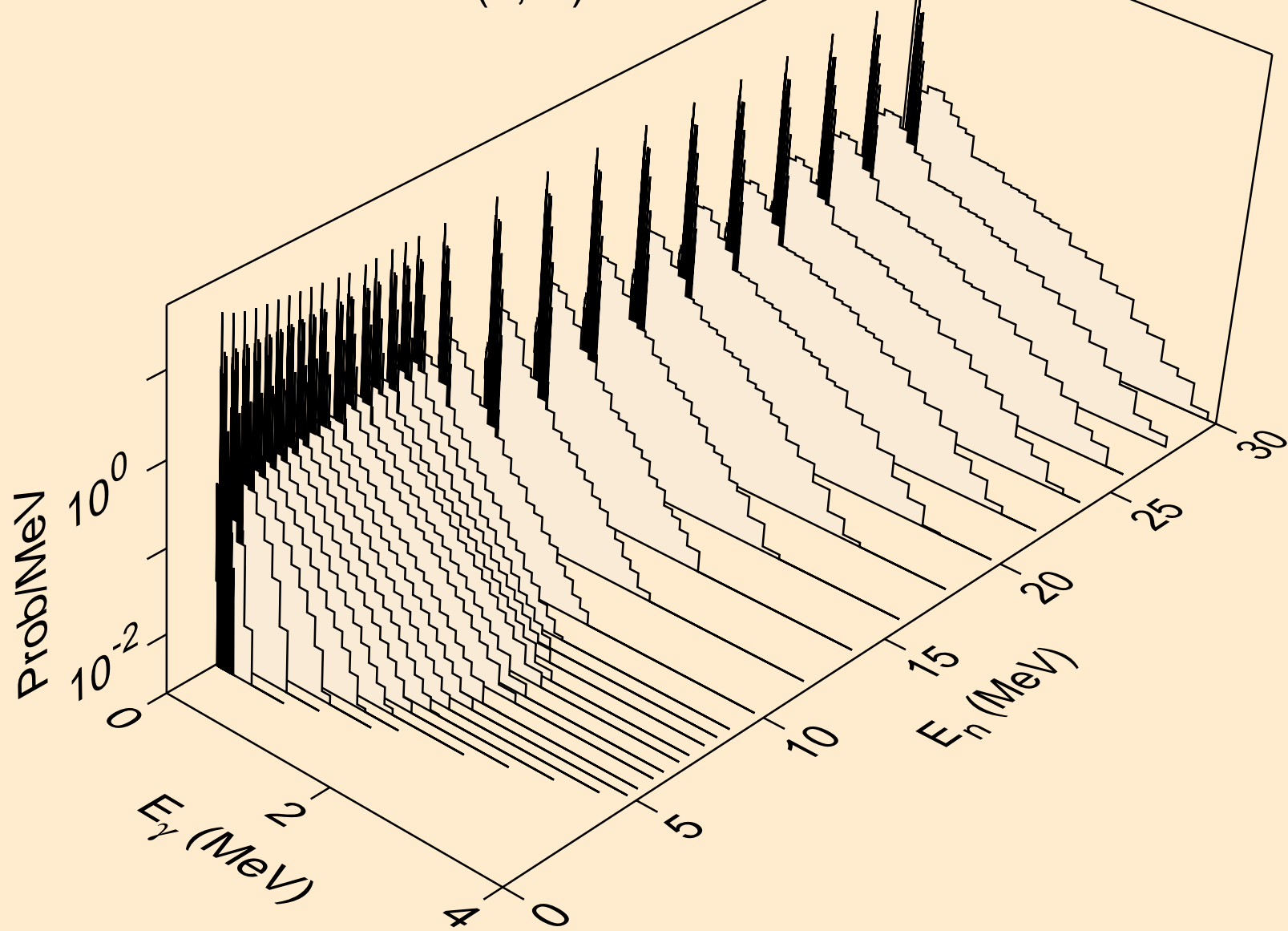
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Photon emission for (n,2n)



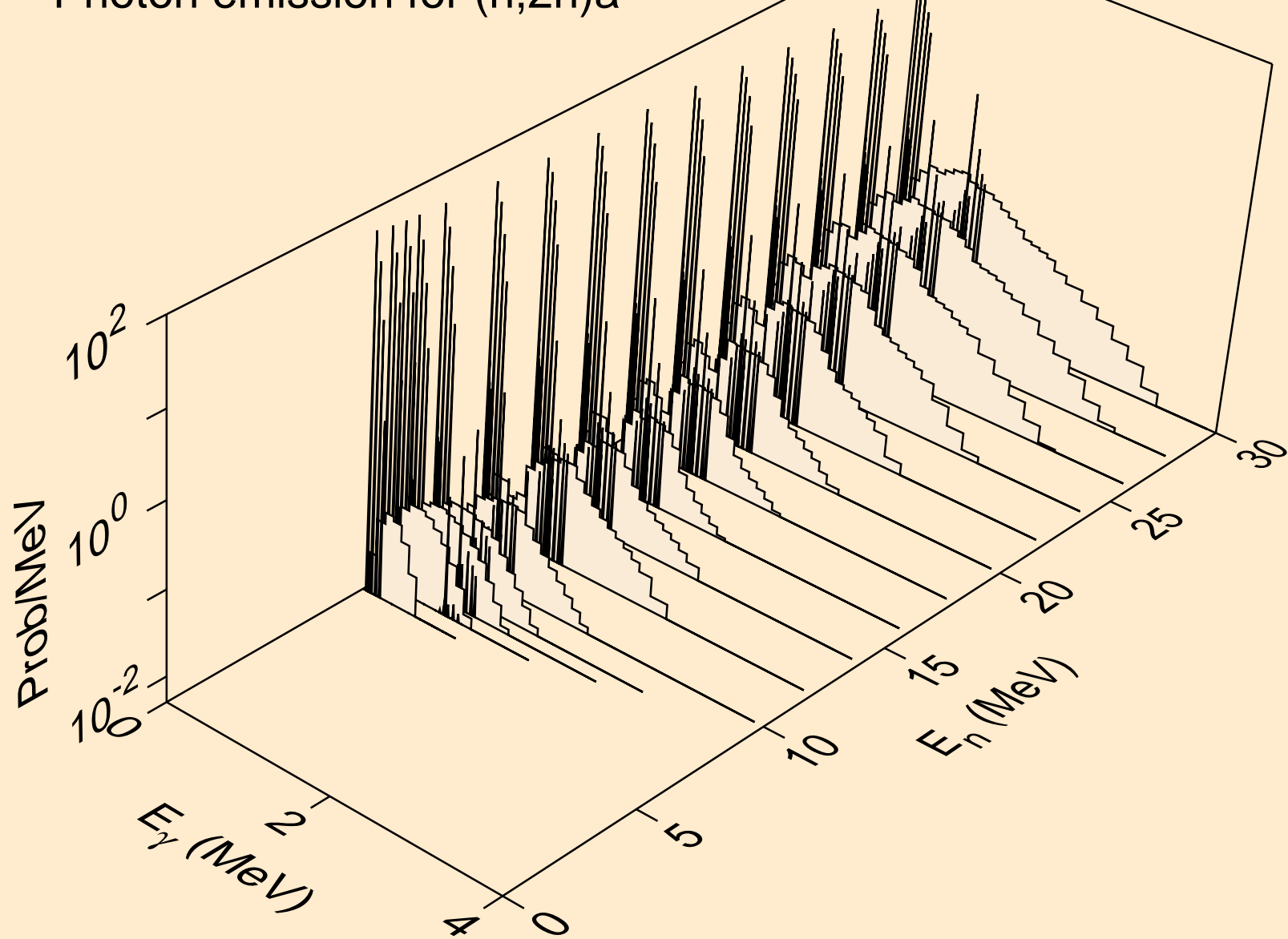
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Photon emission for (n,3n)



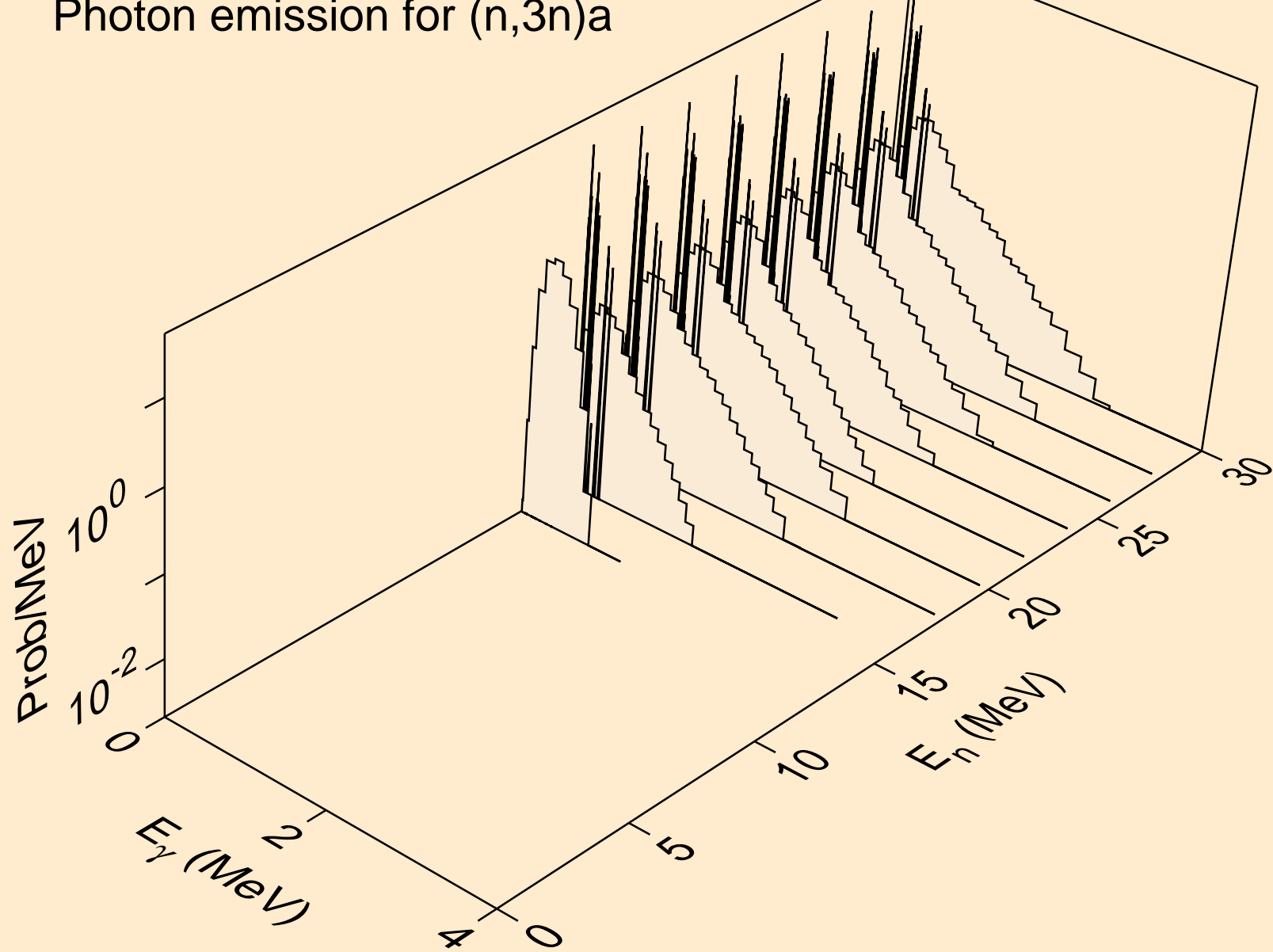
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Photon emission for (n,n\*)a



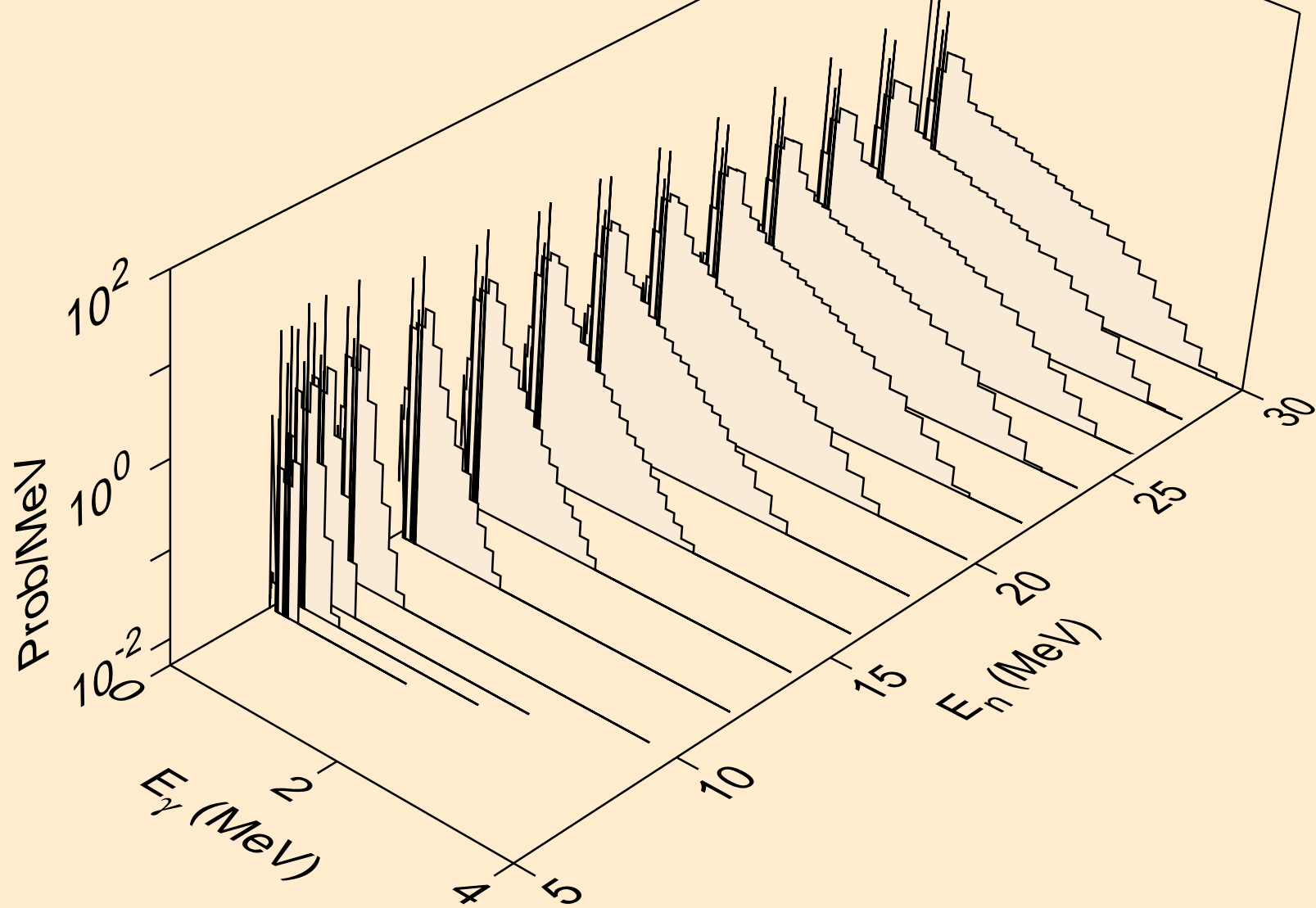
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

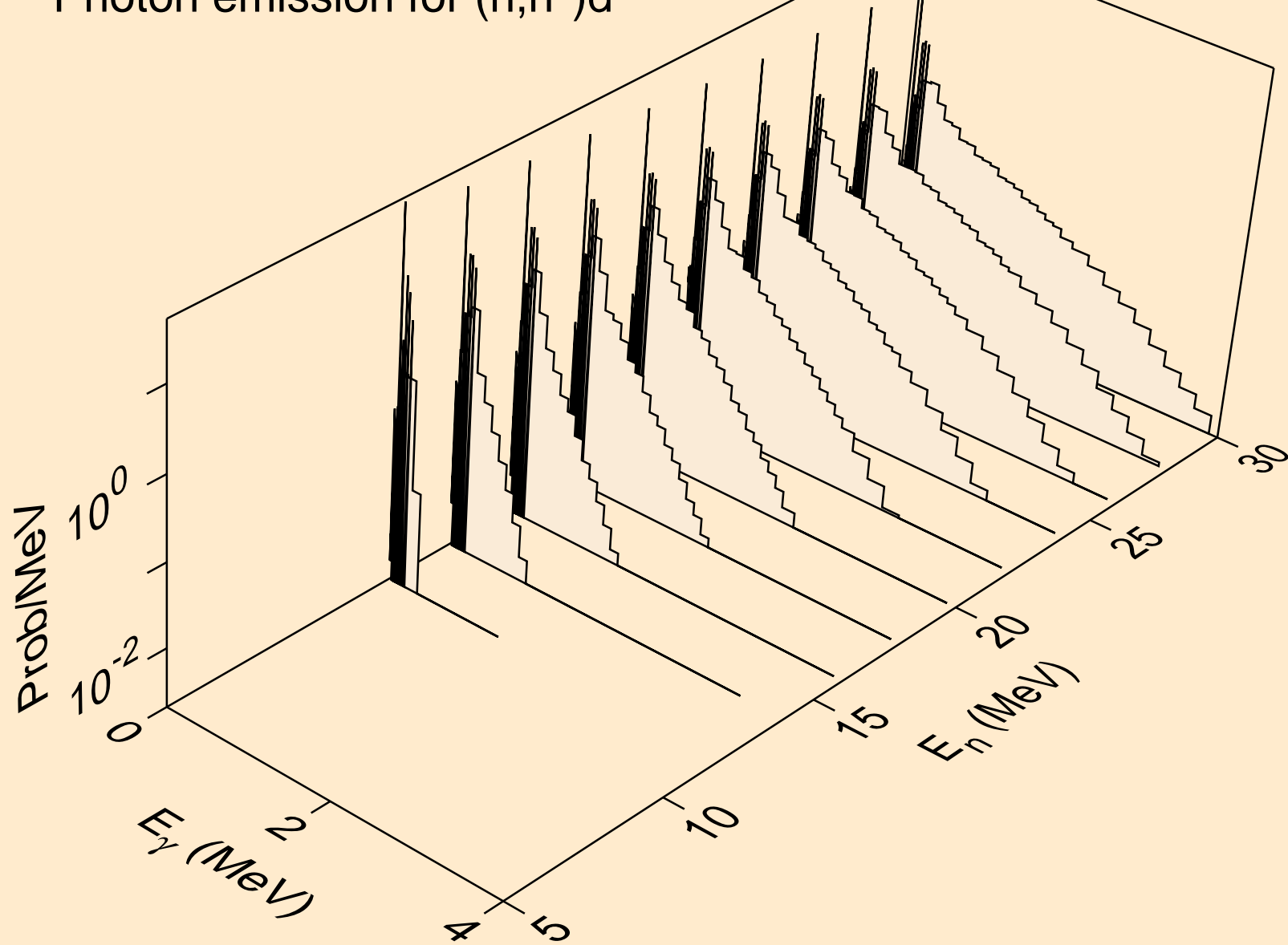


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

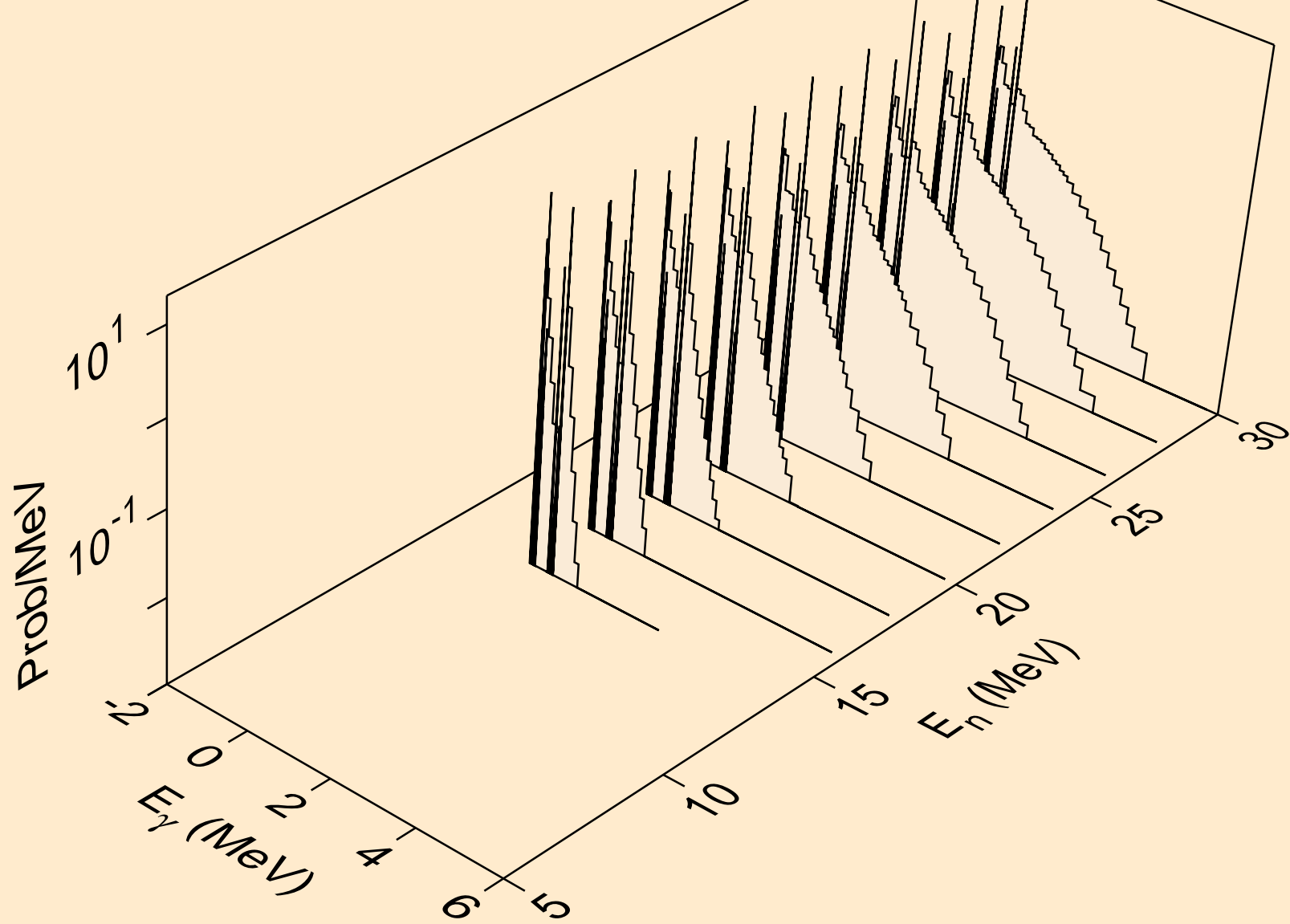




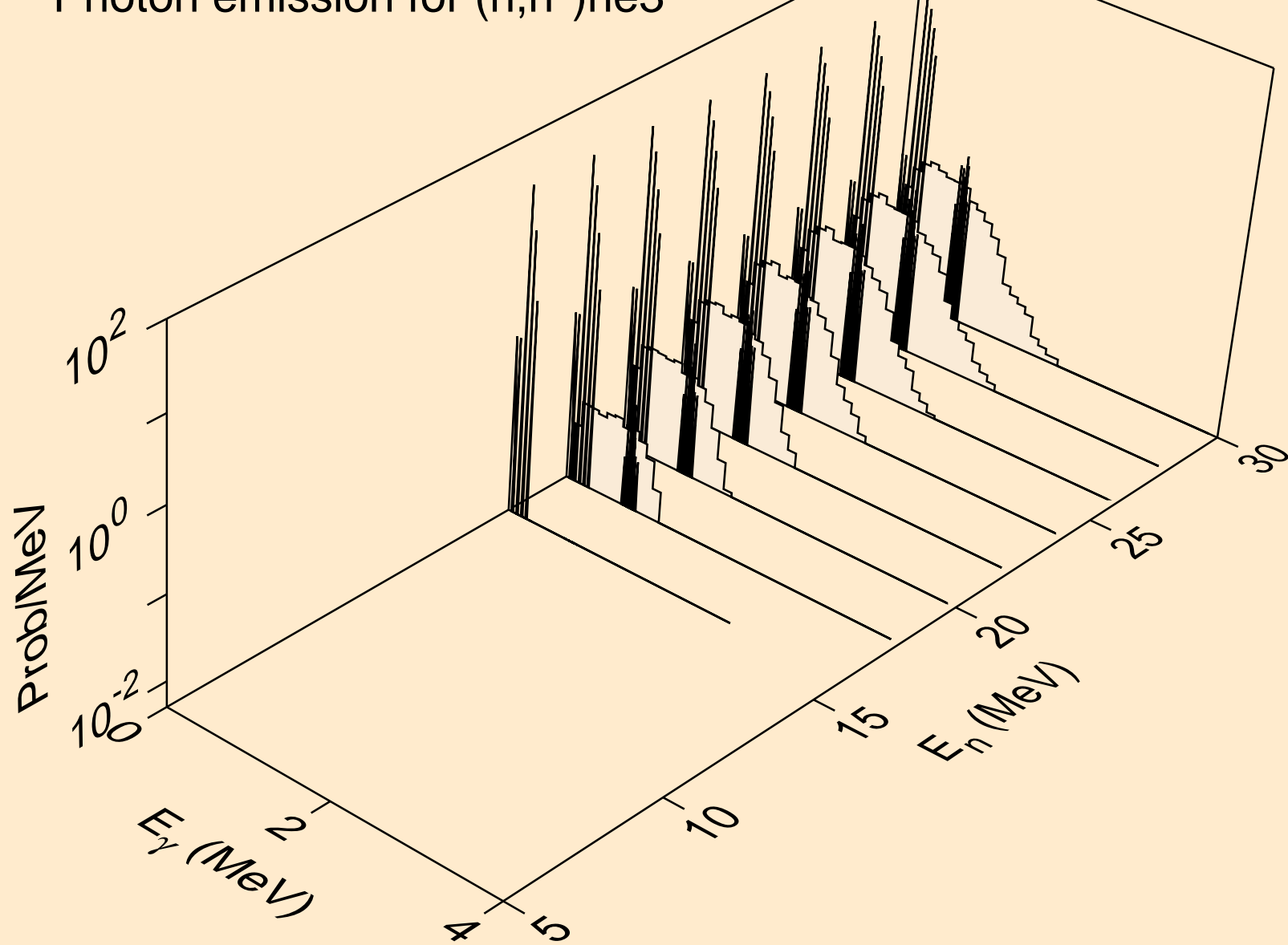
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



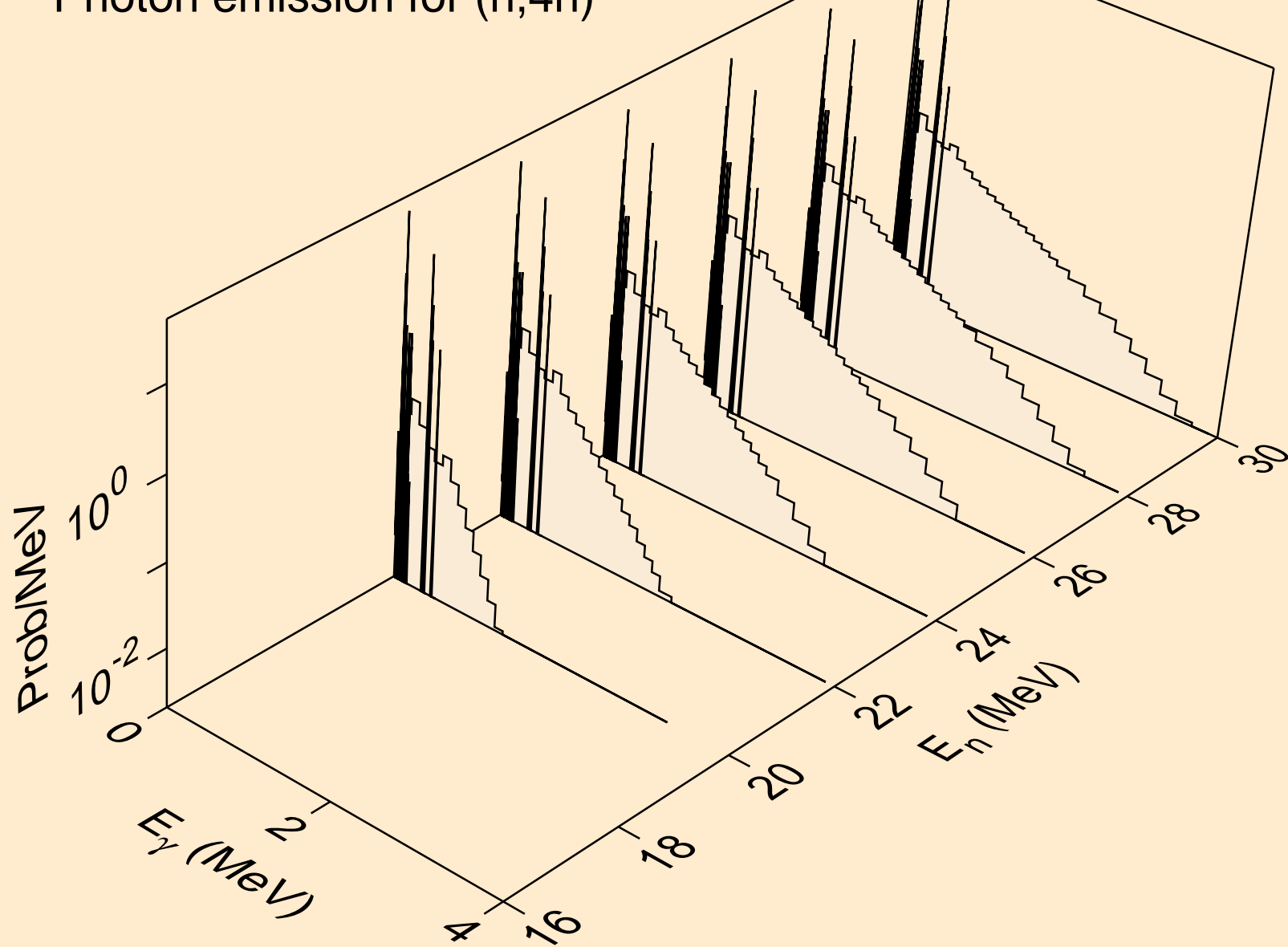
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Photon emission for (n,n\*)t



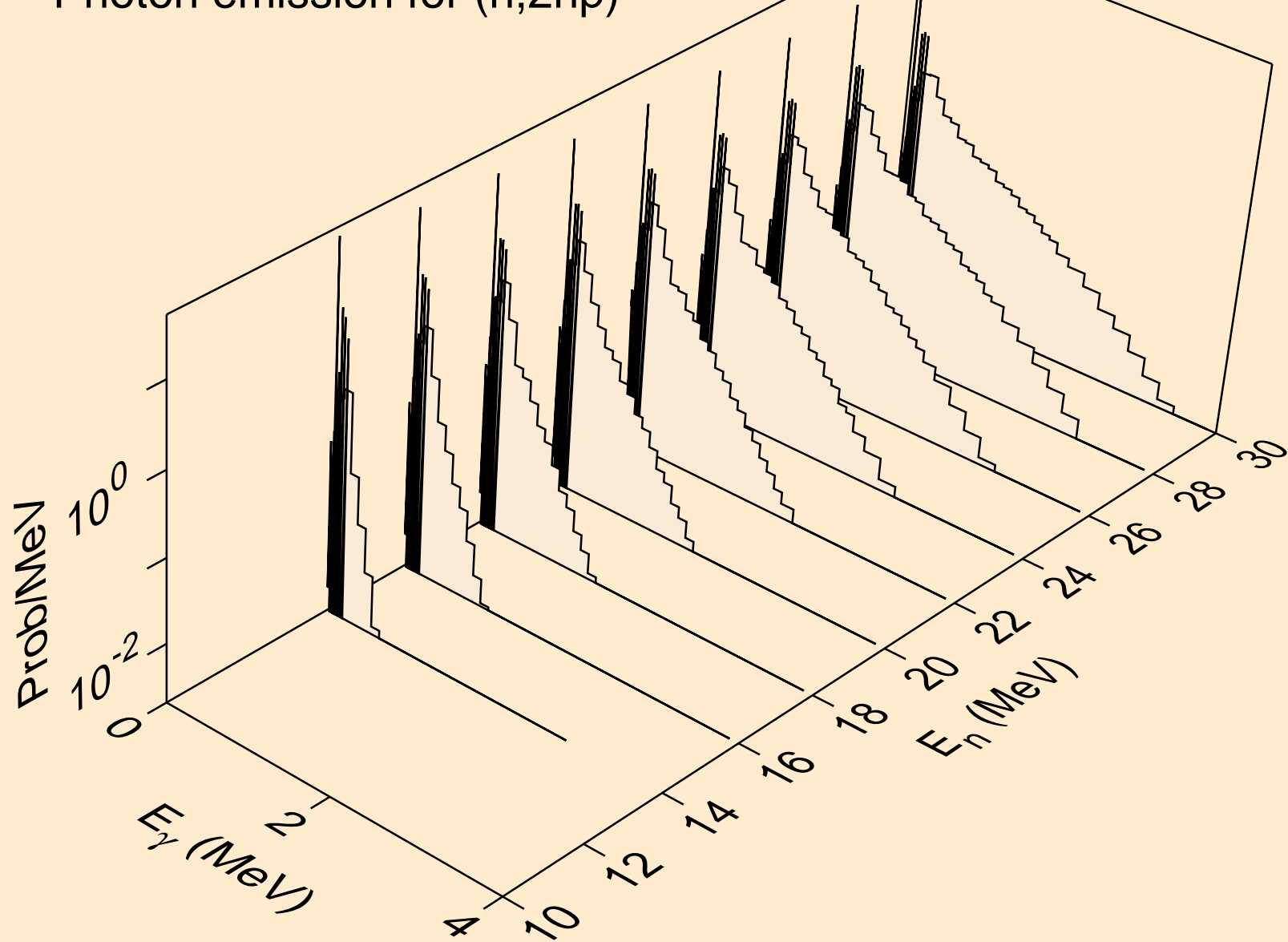
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Photon emission for (n,n\*)he3



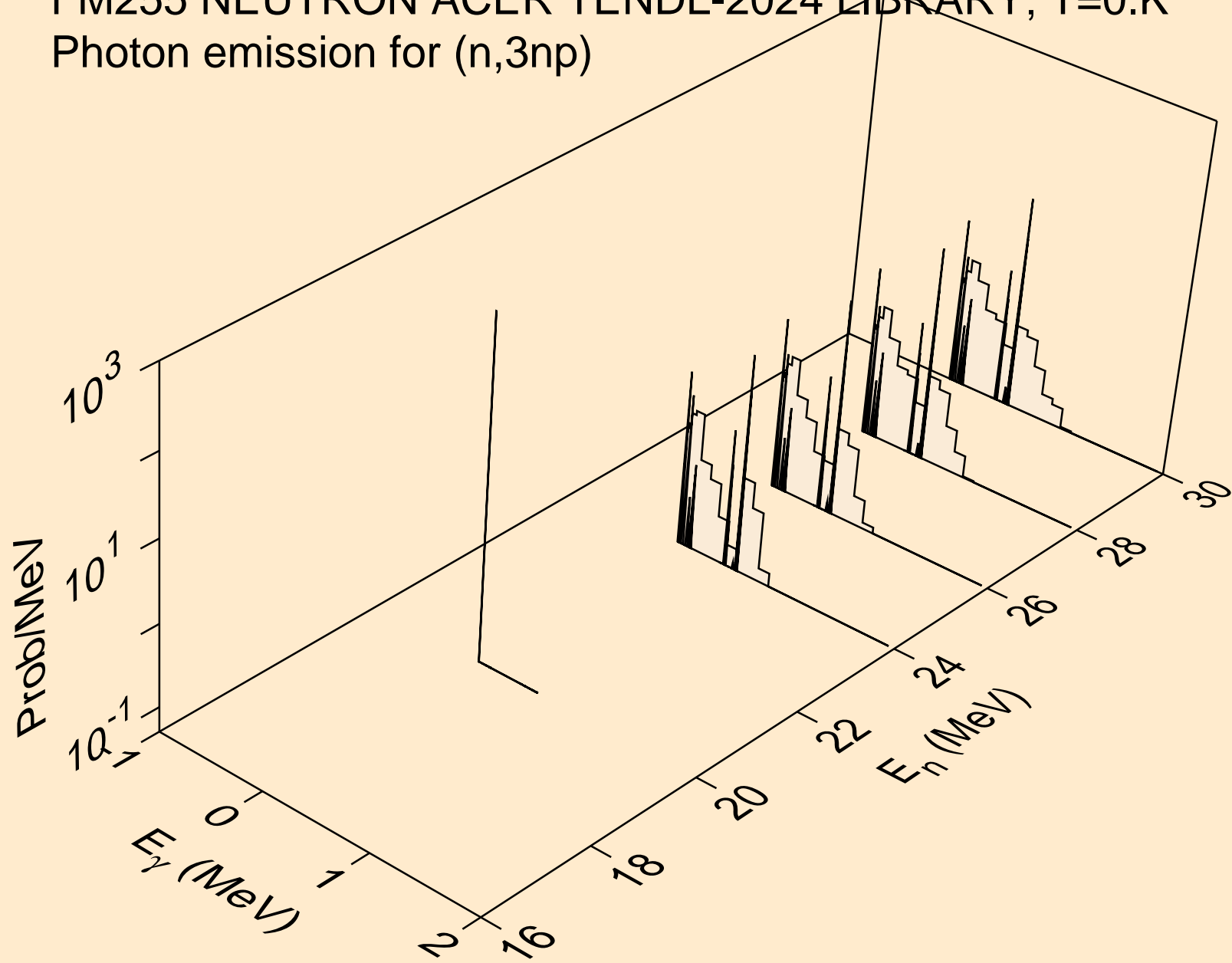
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



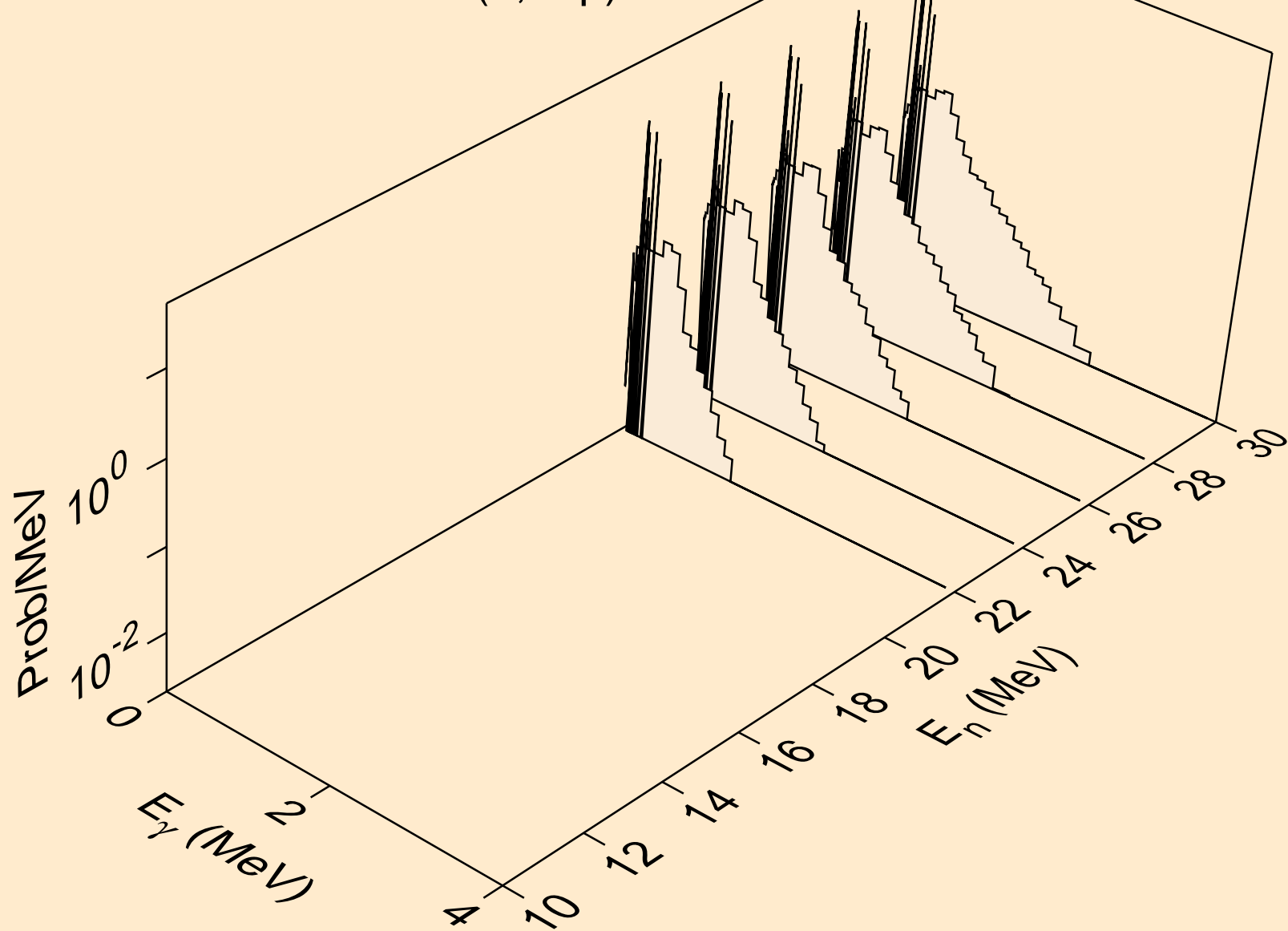
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



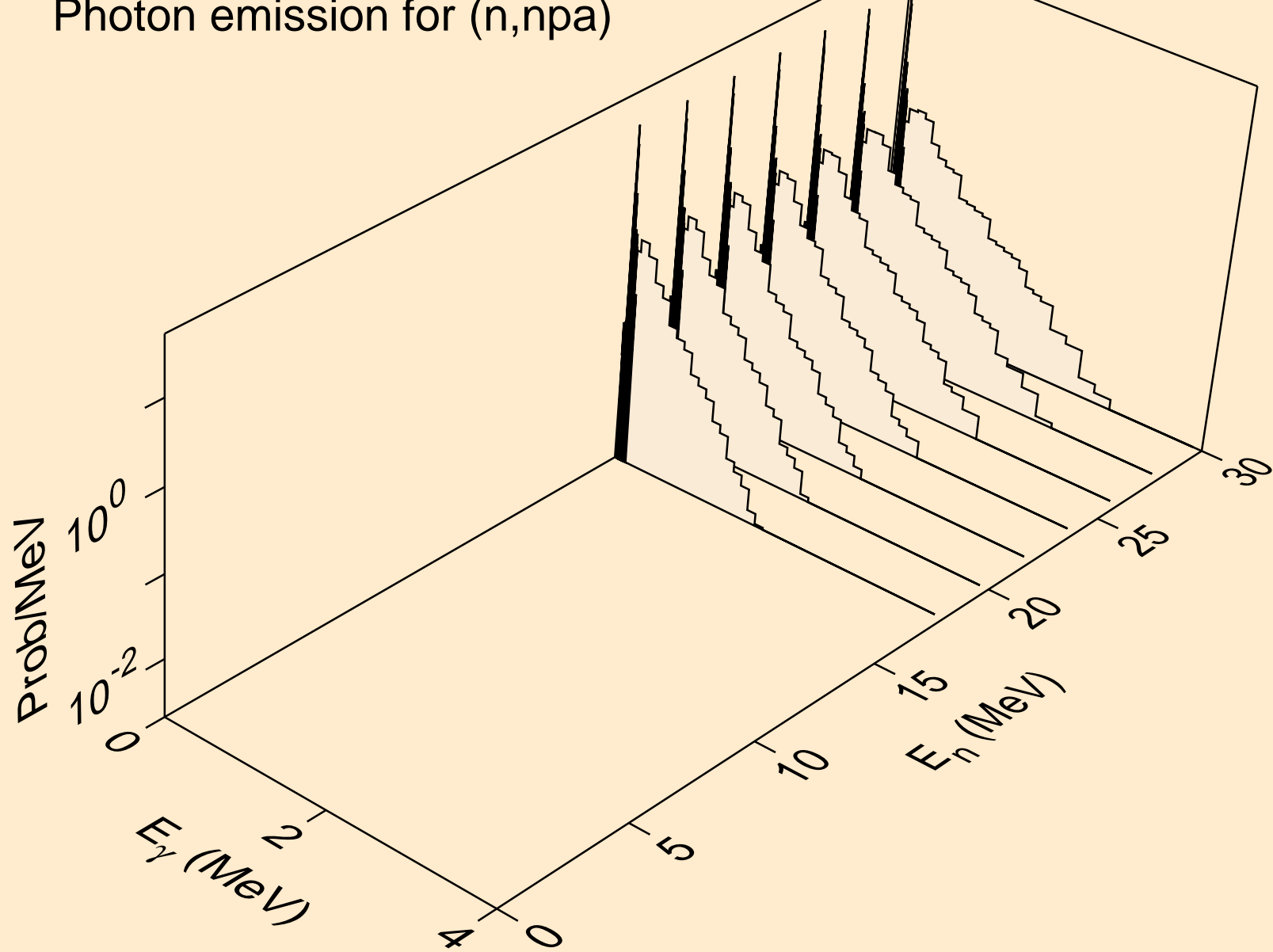
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)

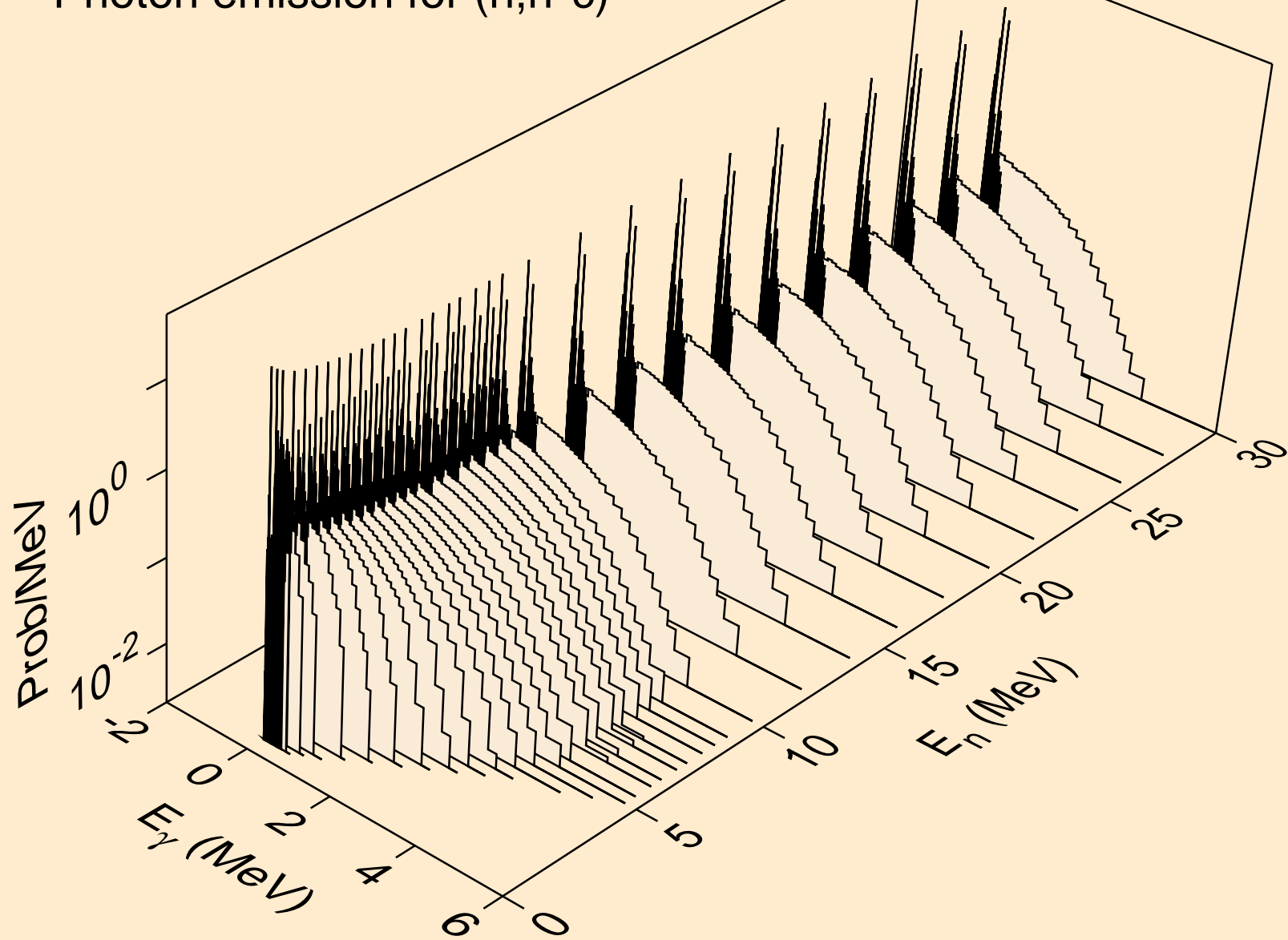


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)

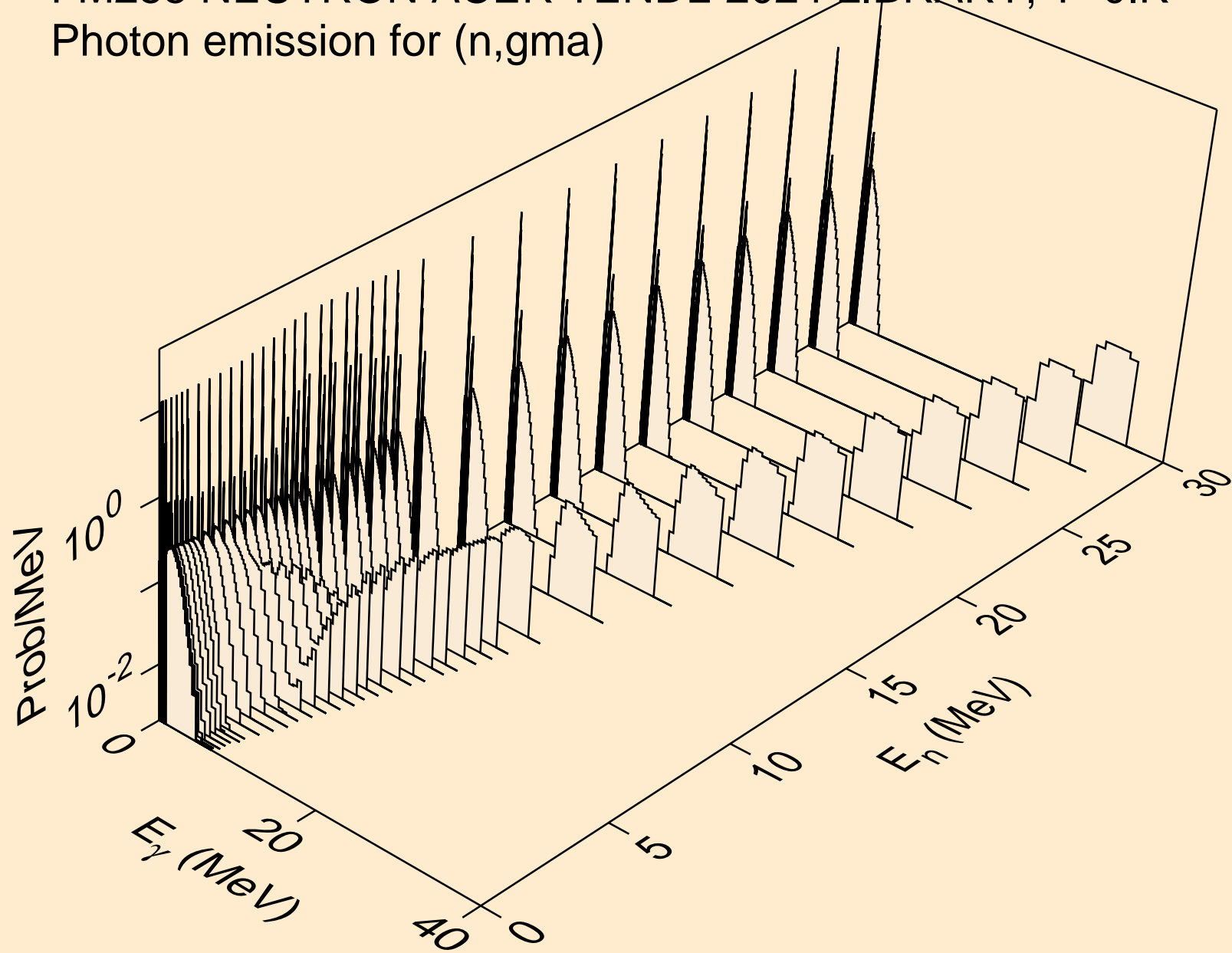




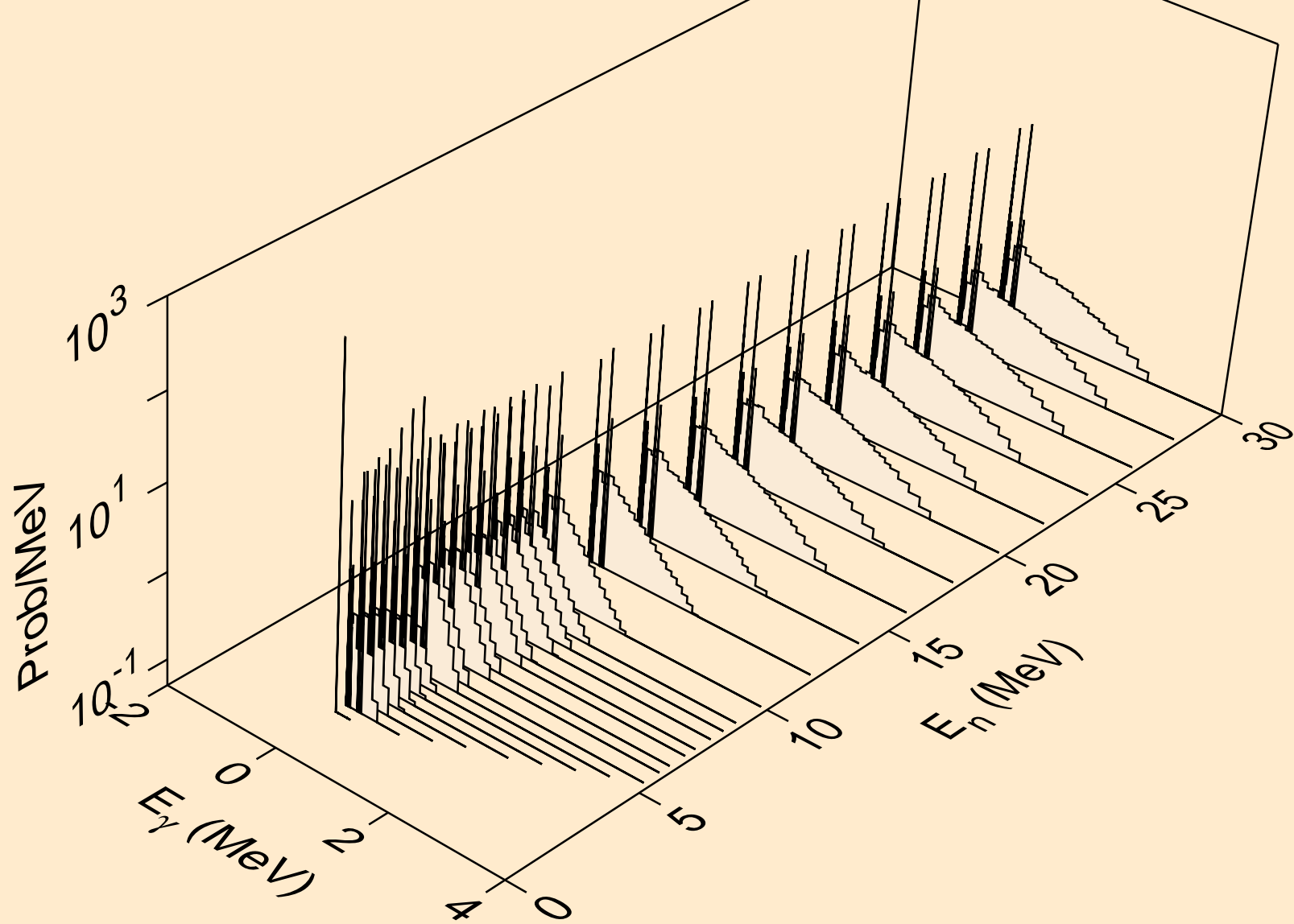
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Photon emission for (n,n\*c)



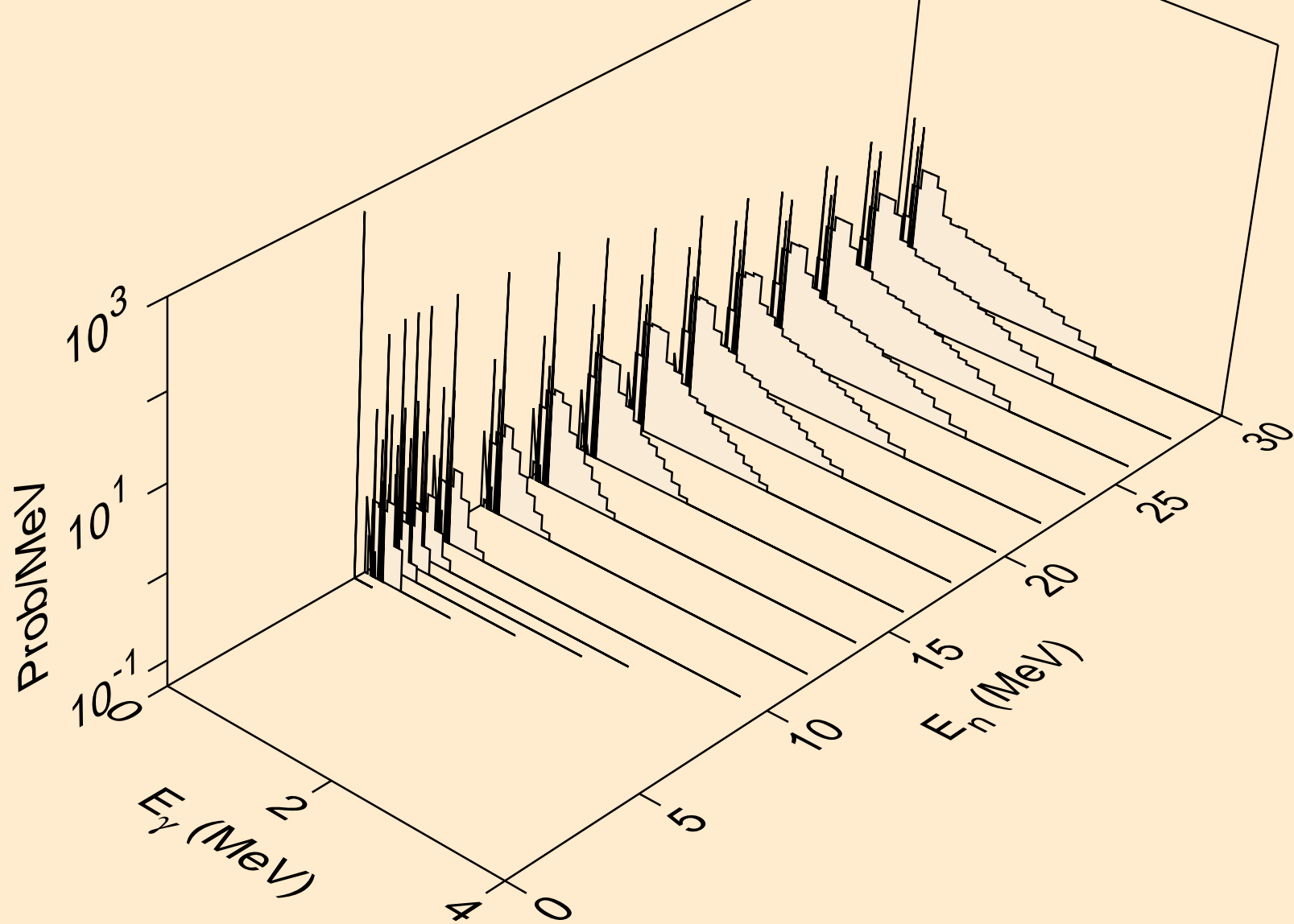
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Photon emission for (n,gma)



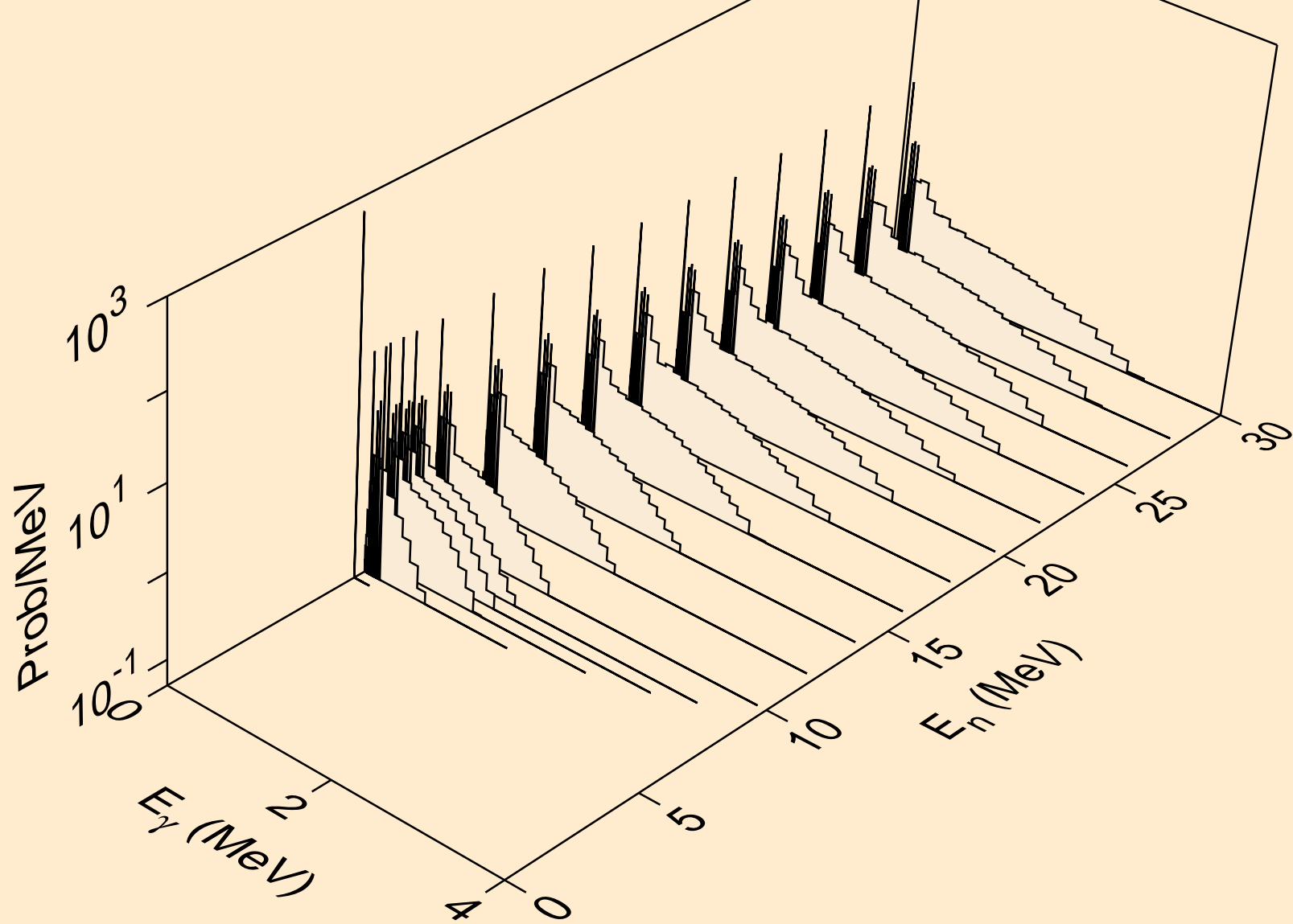
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Photon emission for (n,p)



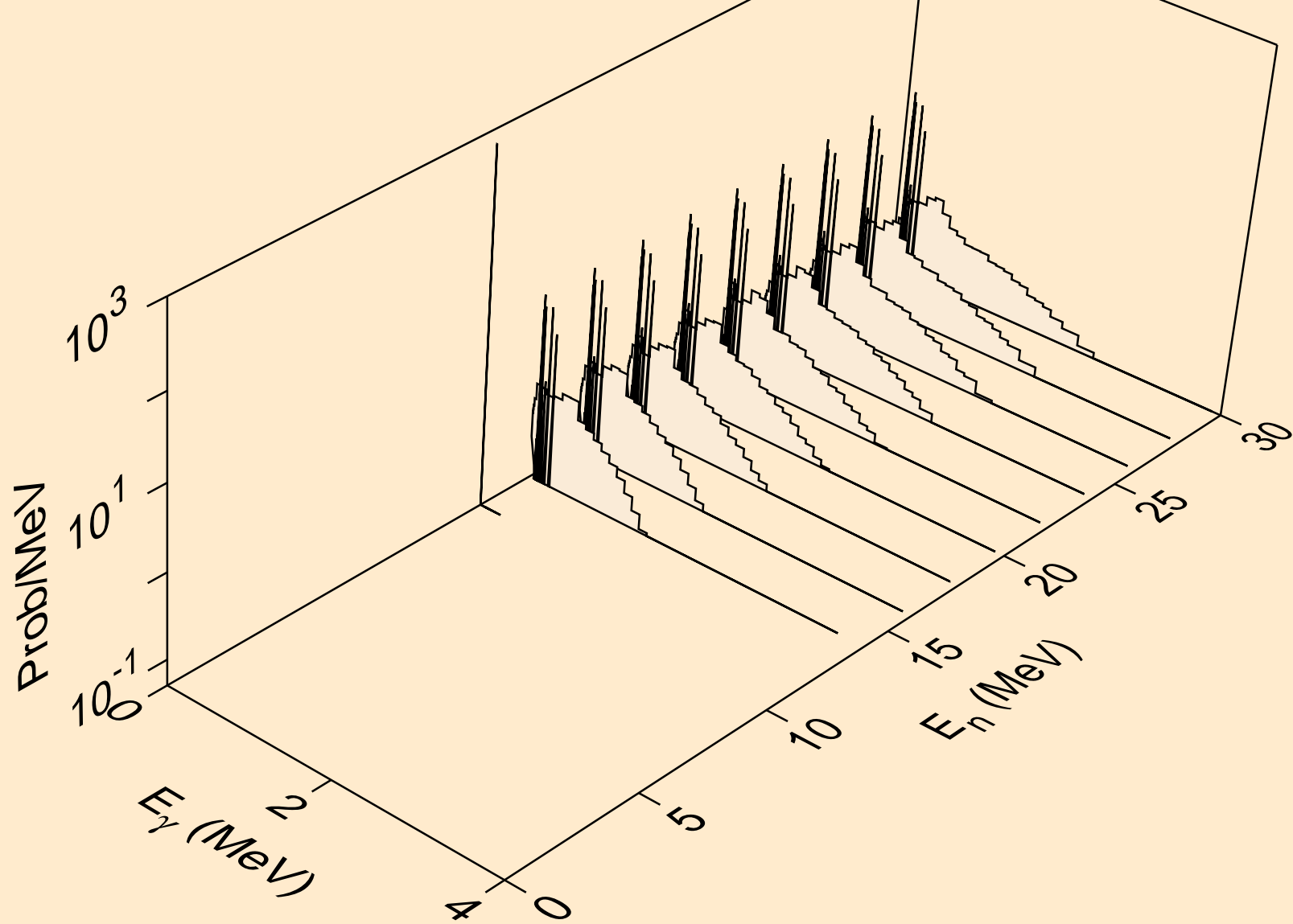
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Photon emission for (n,d)



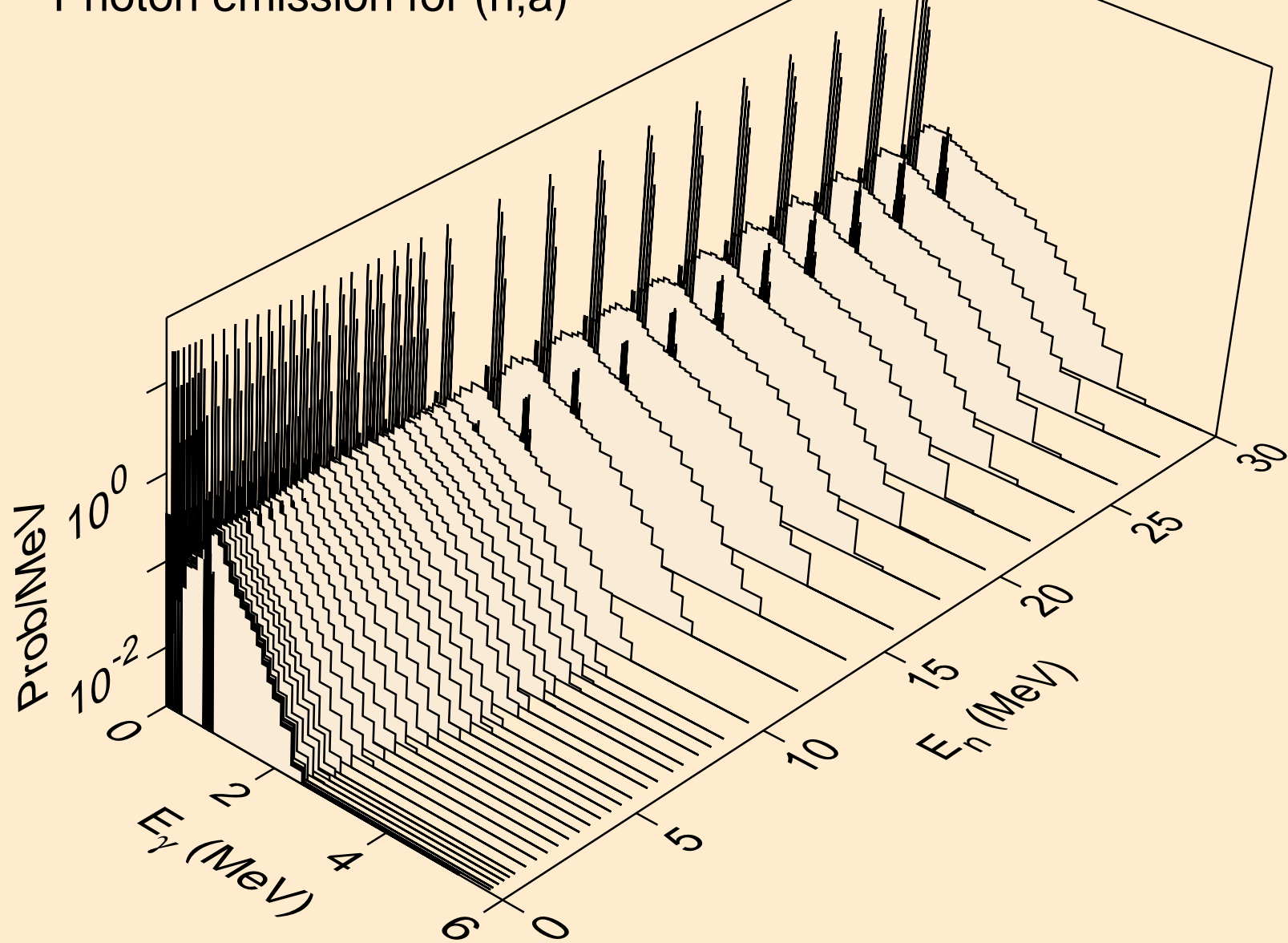
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Photon emission for (n,t)



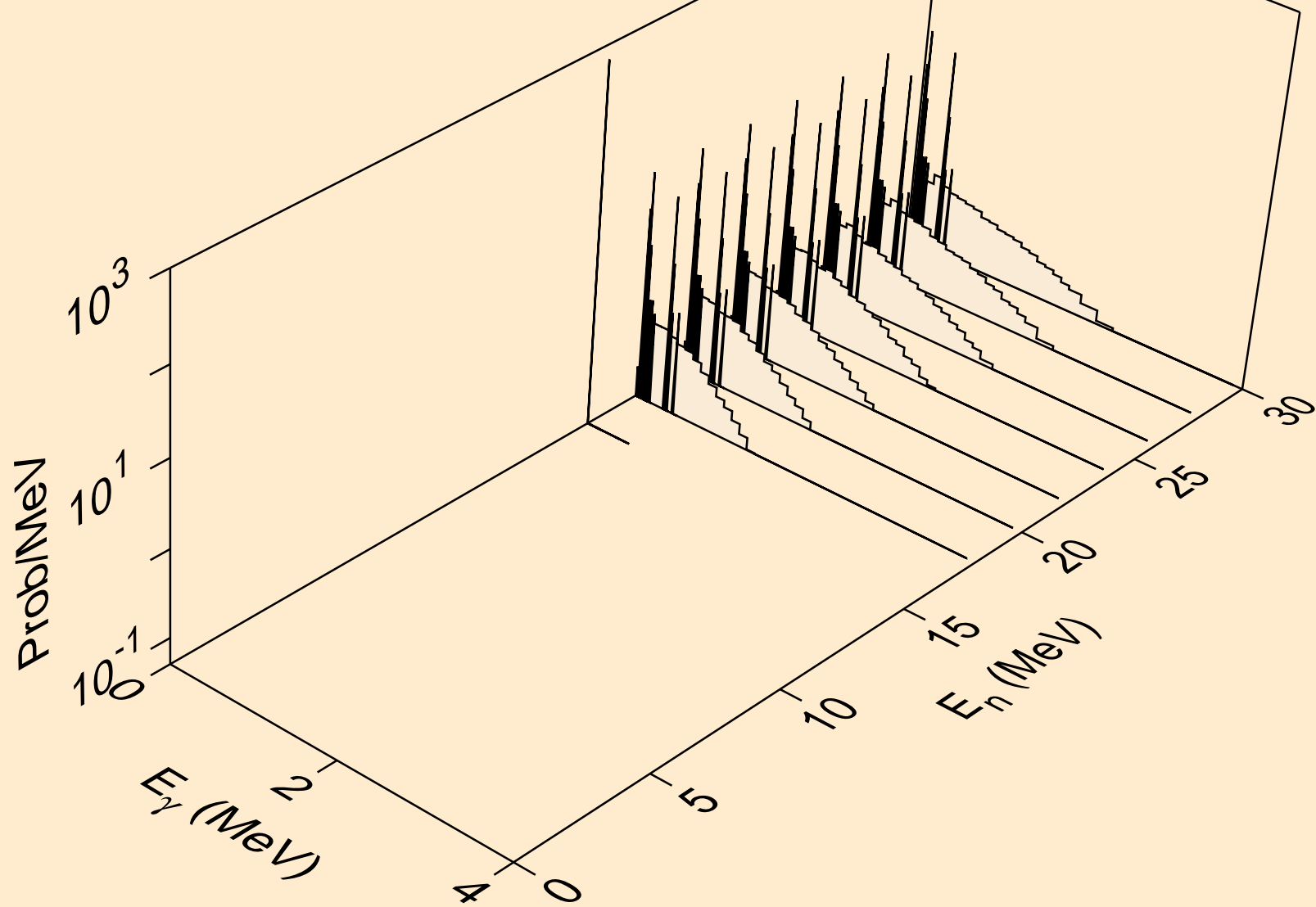
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

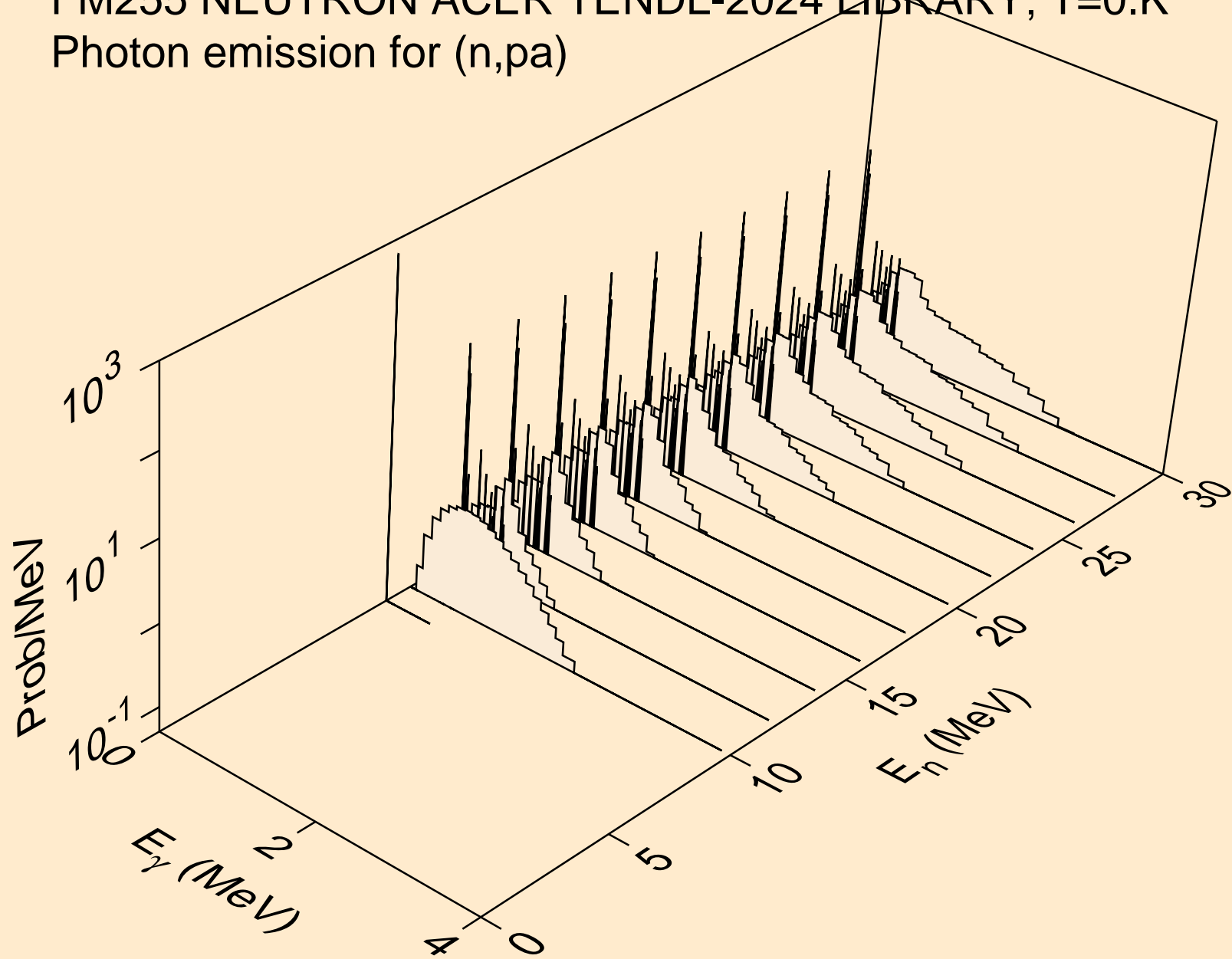


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

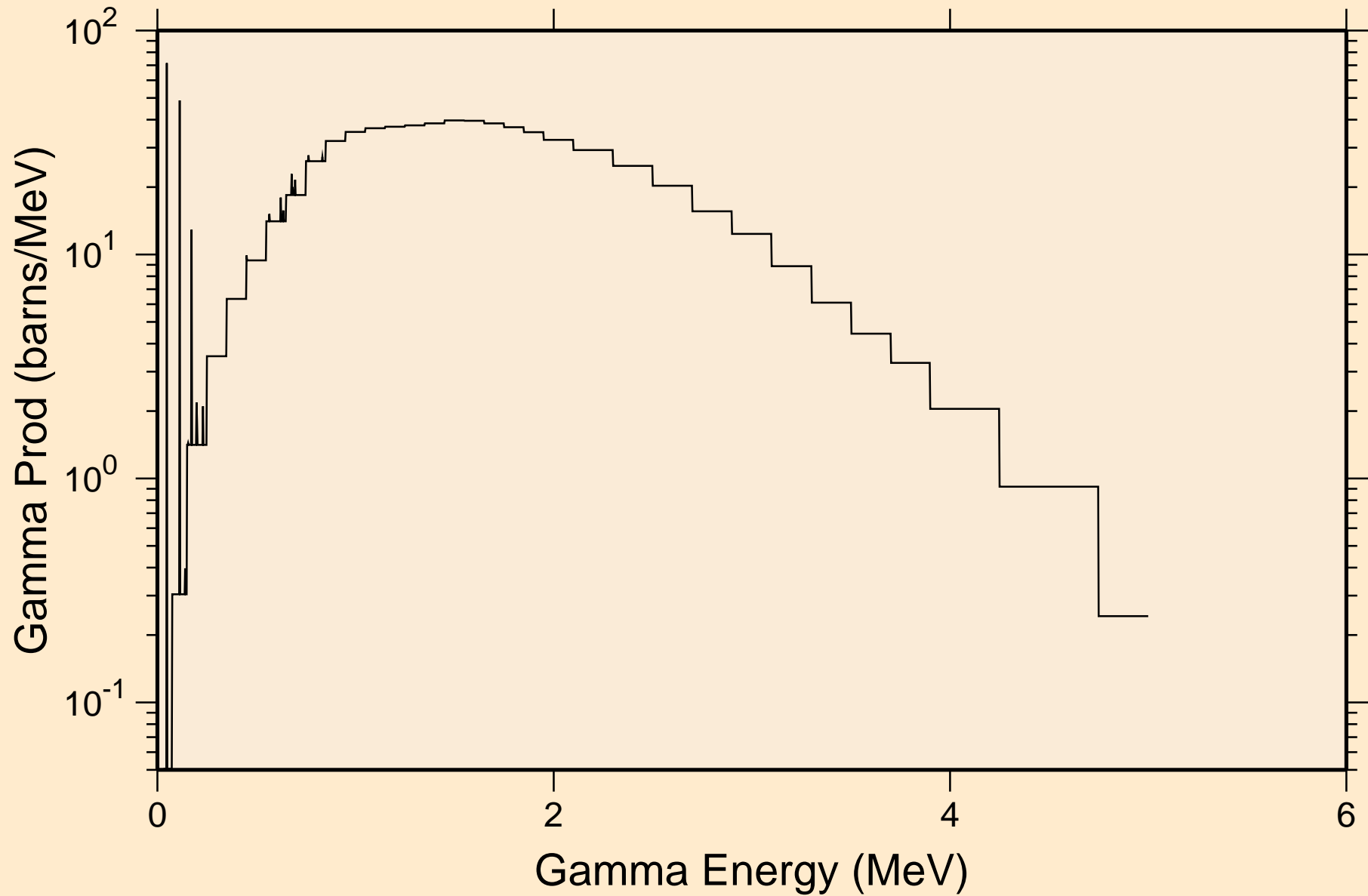




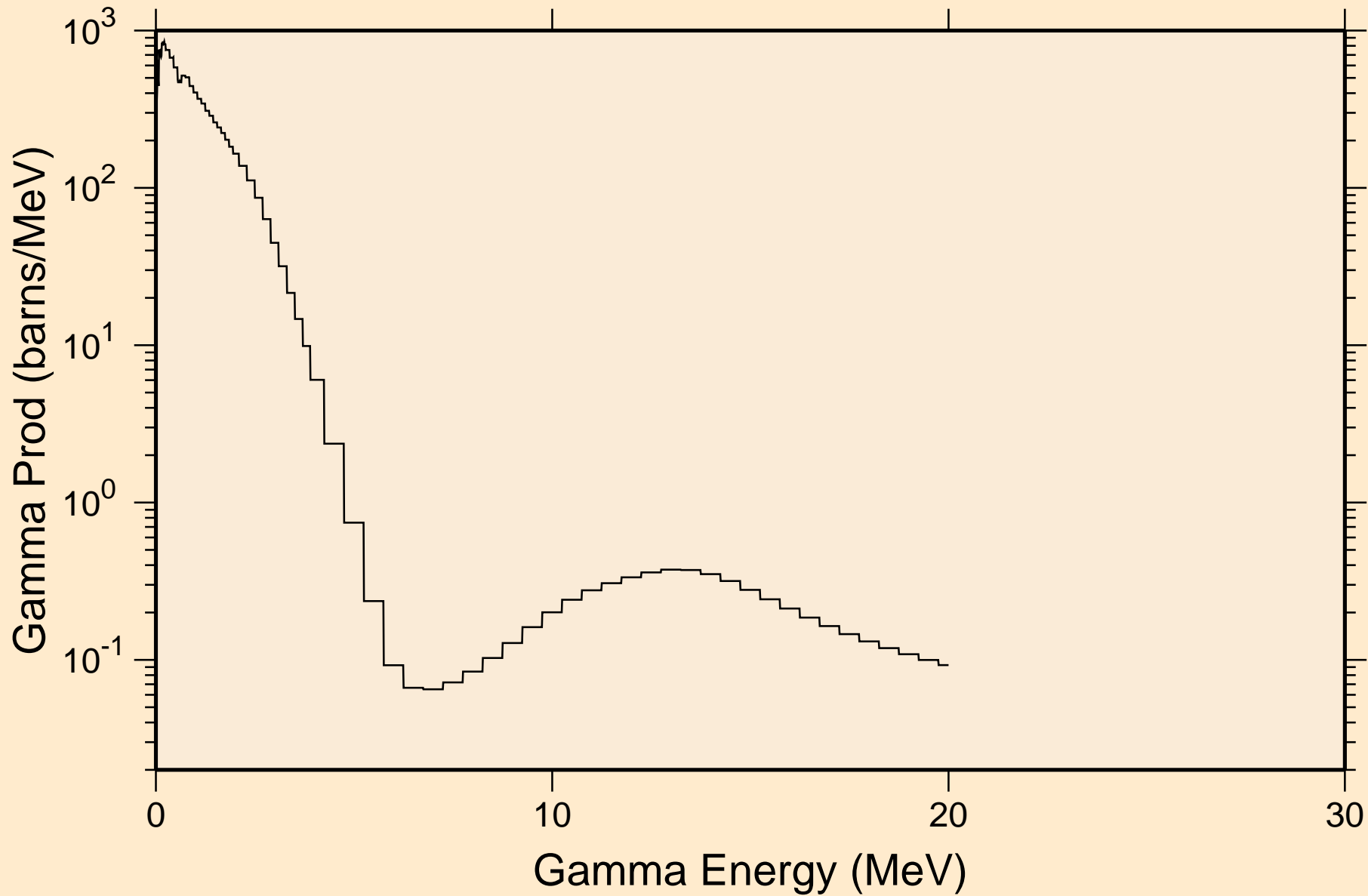
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

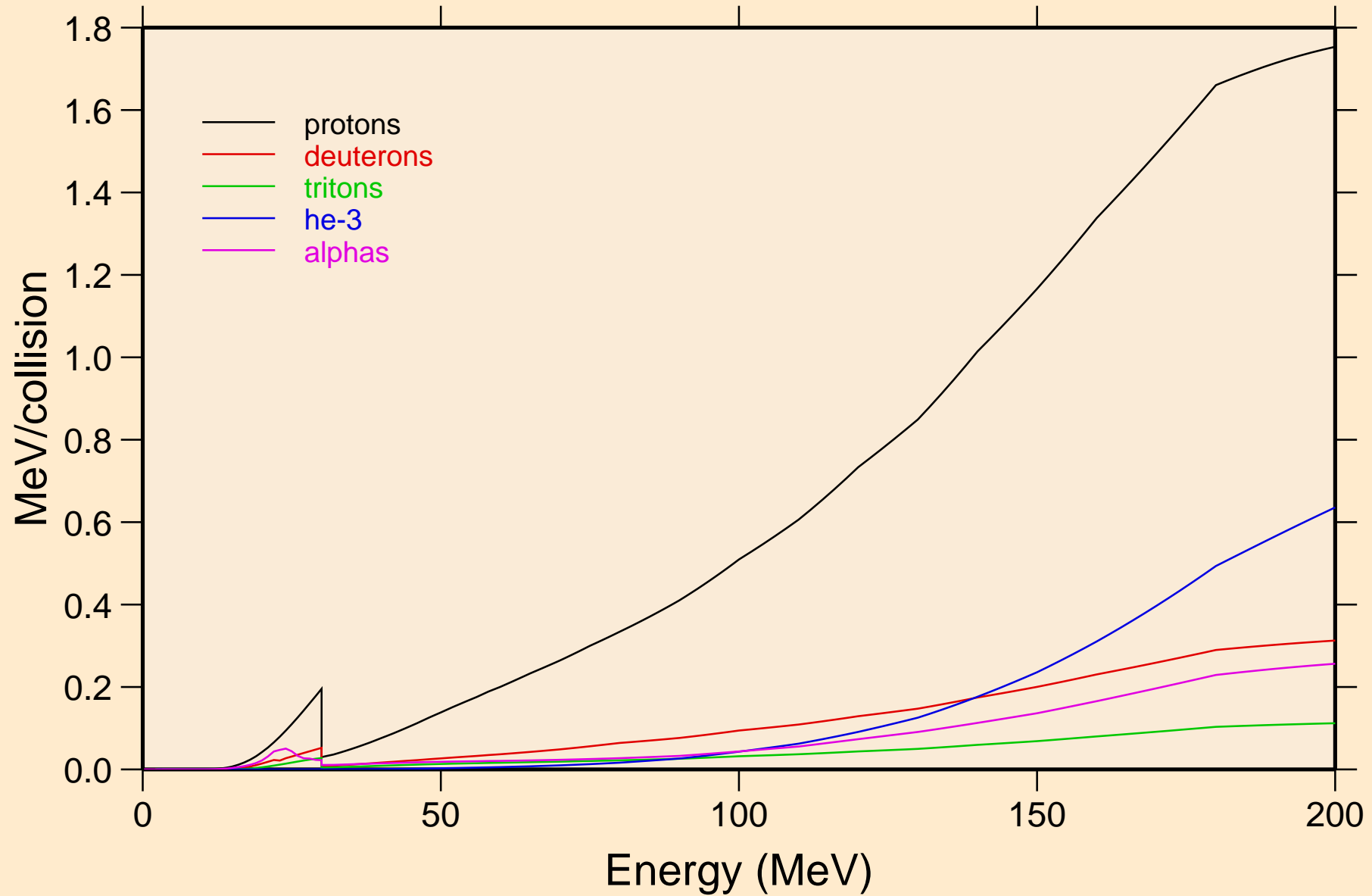


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

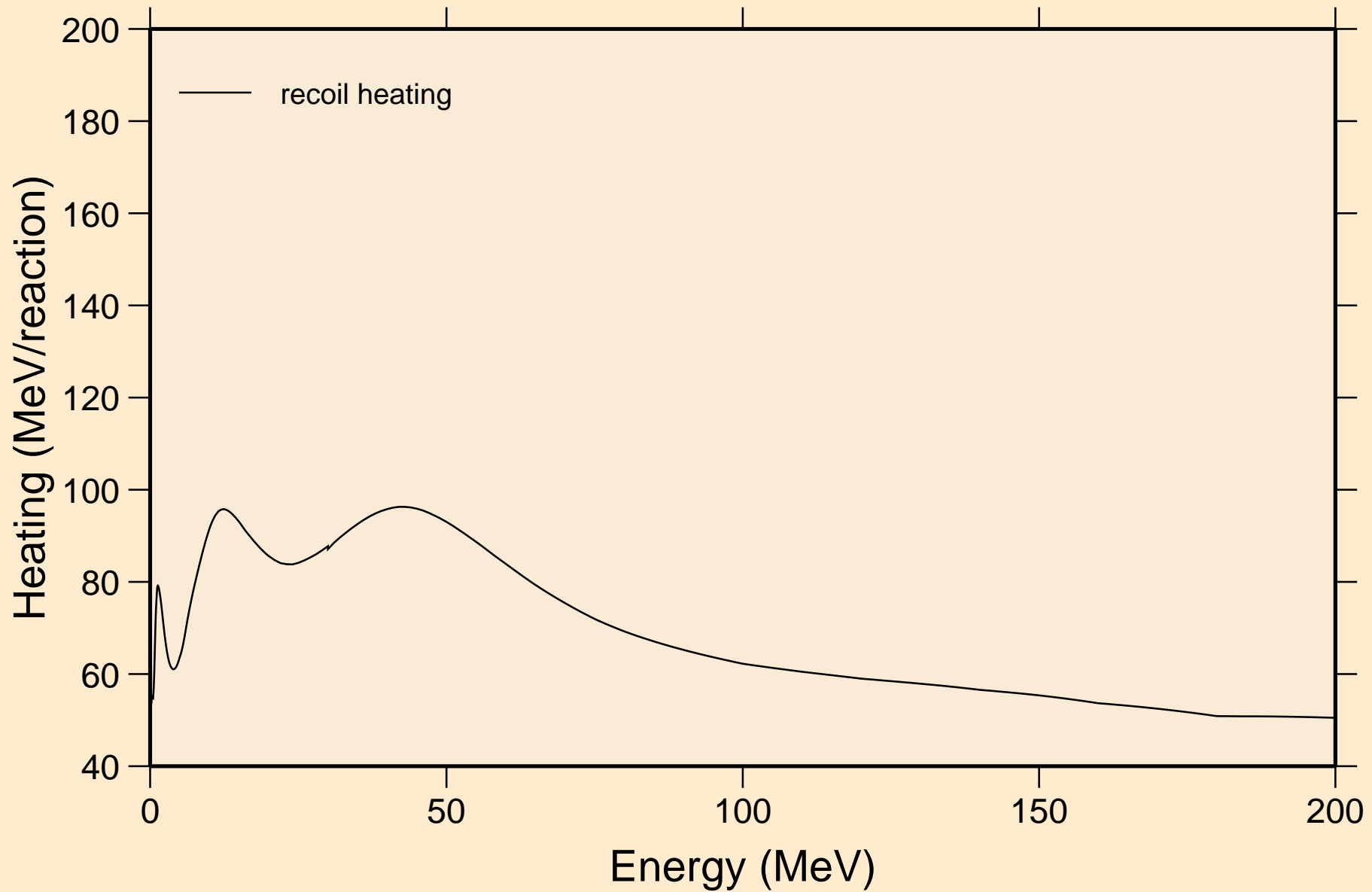


# FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

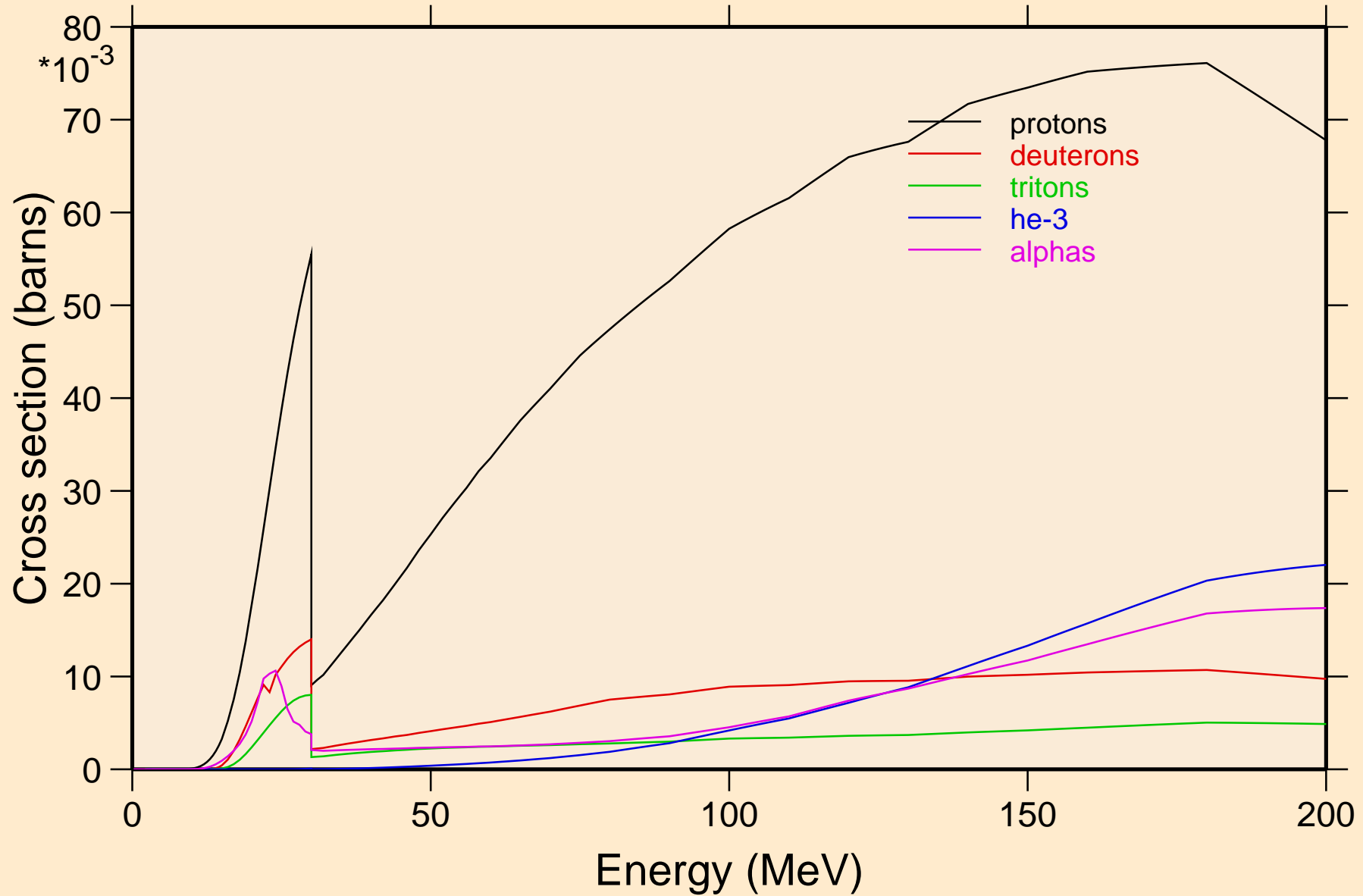


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Recoil Heating

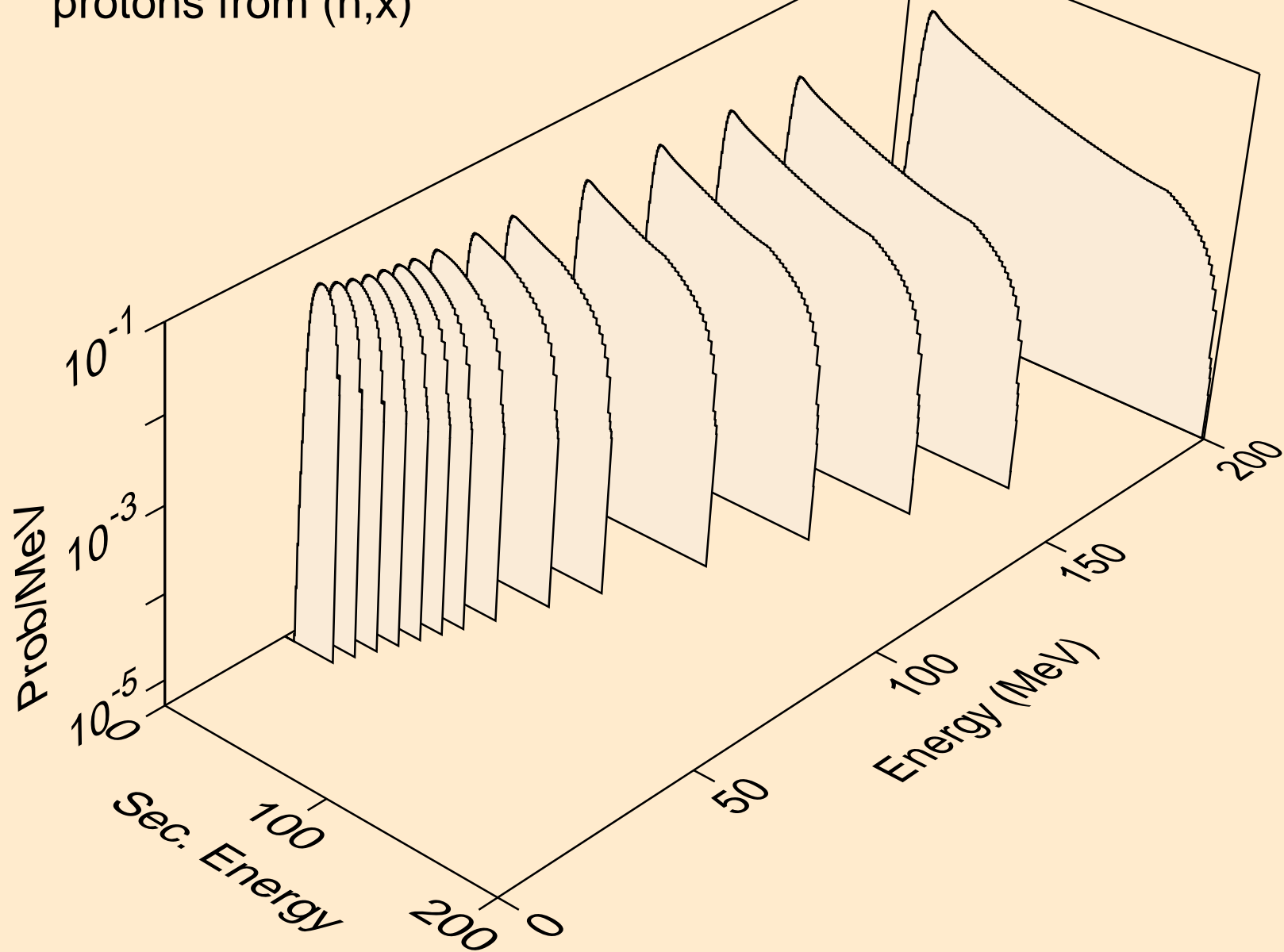


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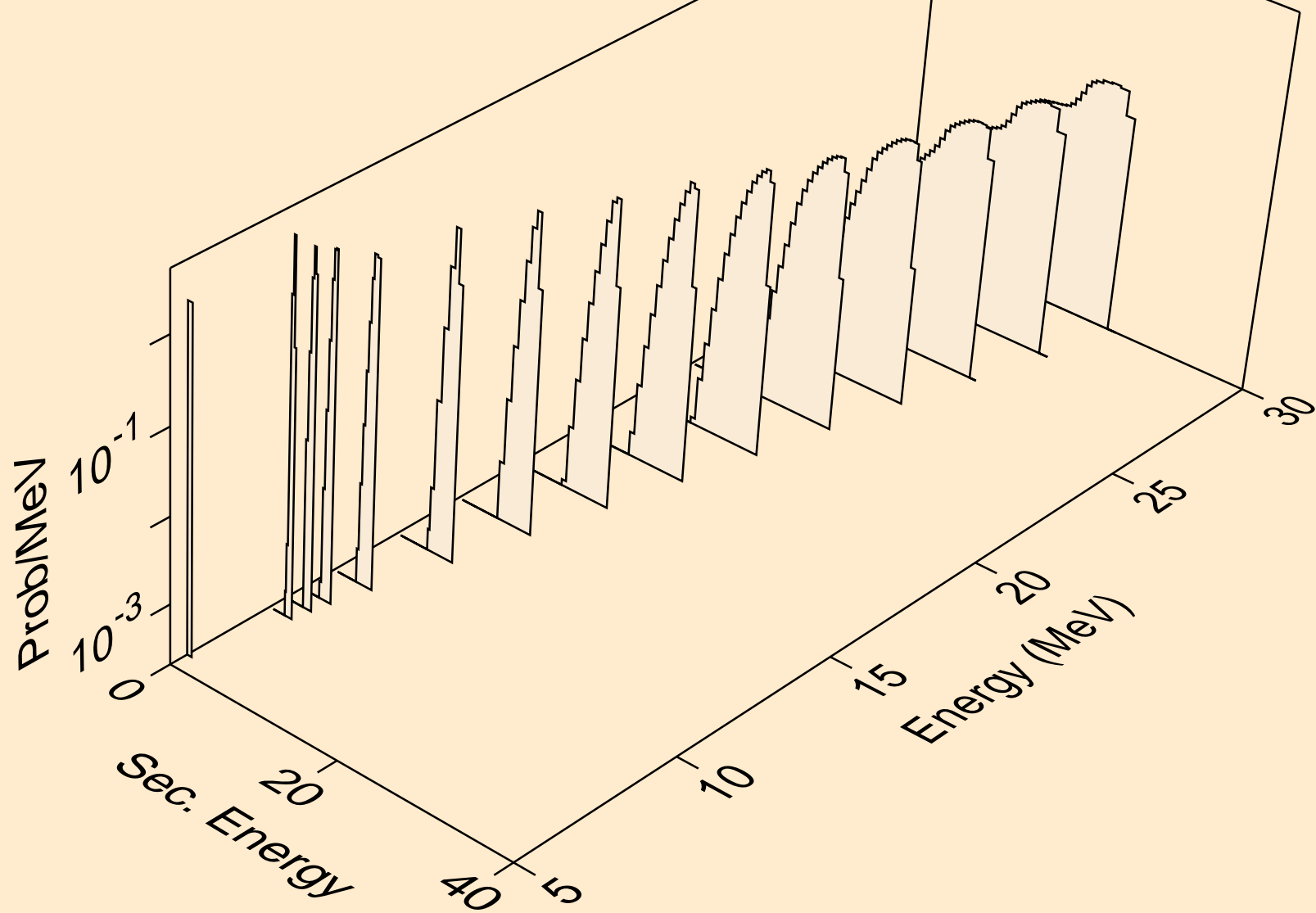
## Particle production cross sections



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

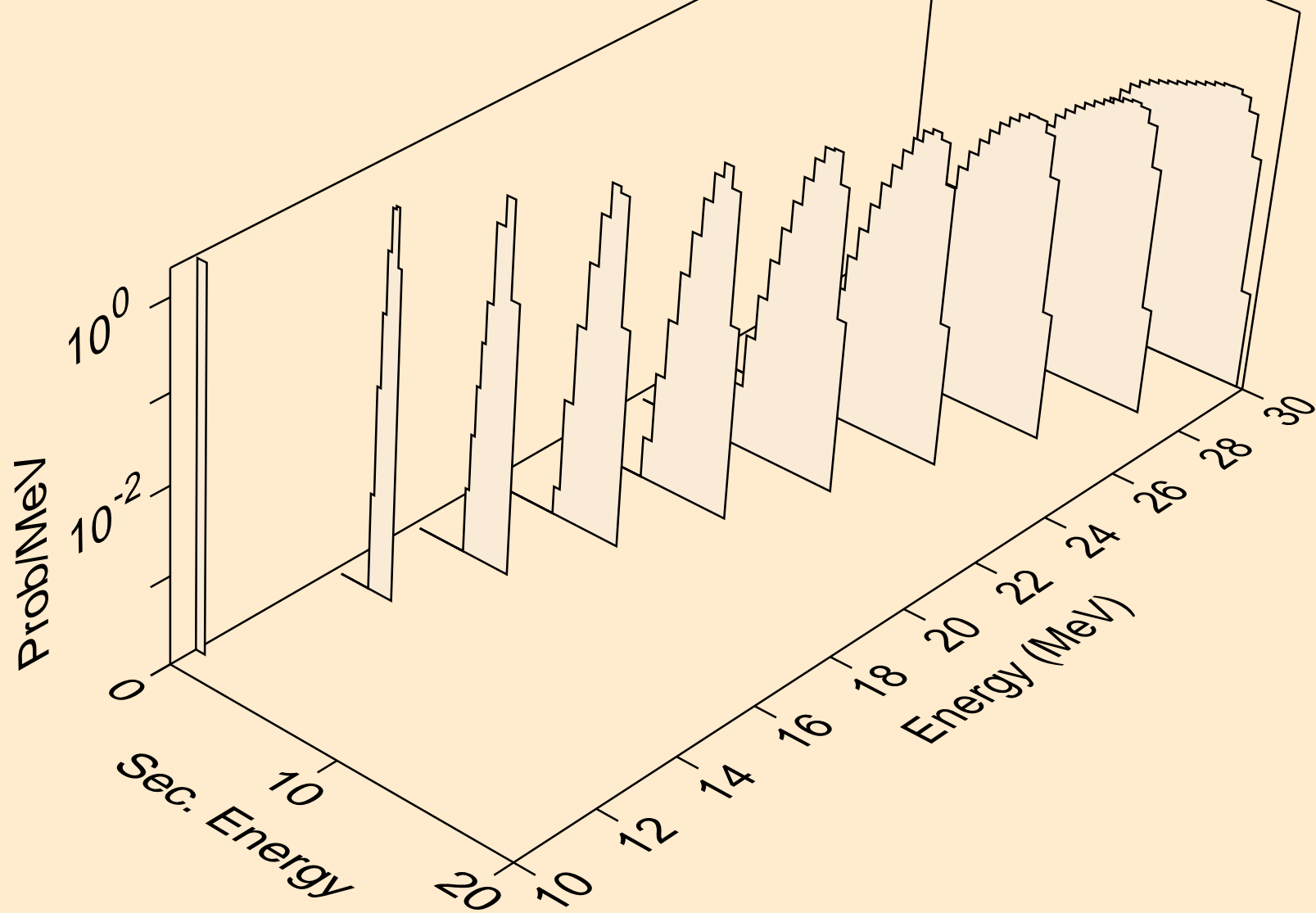


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

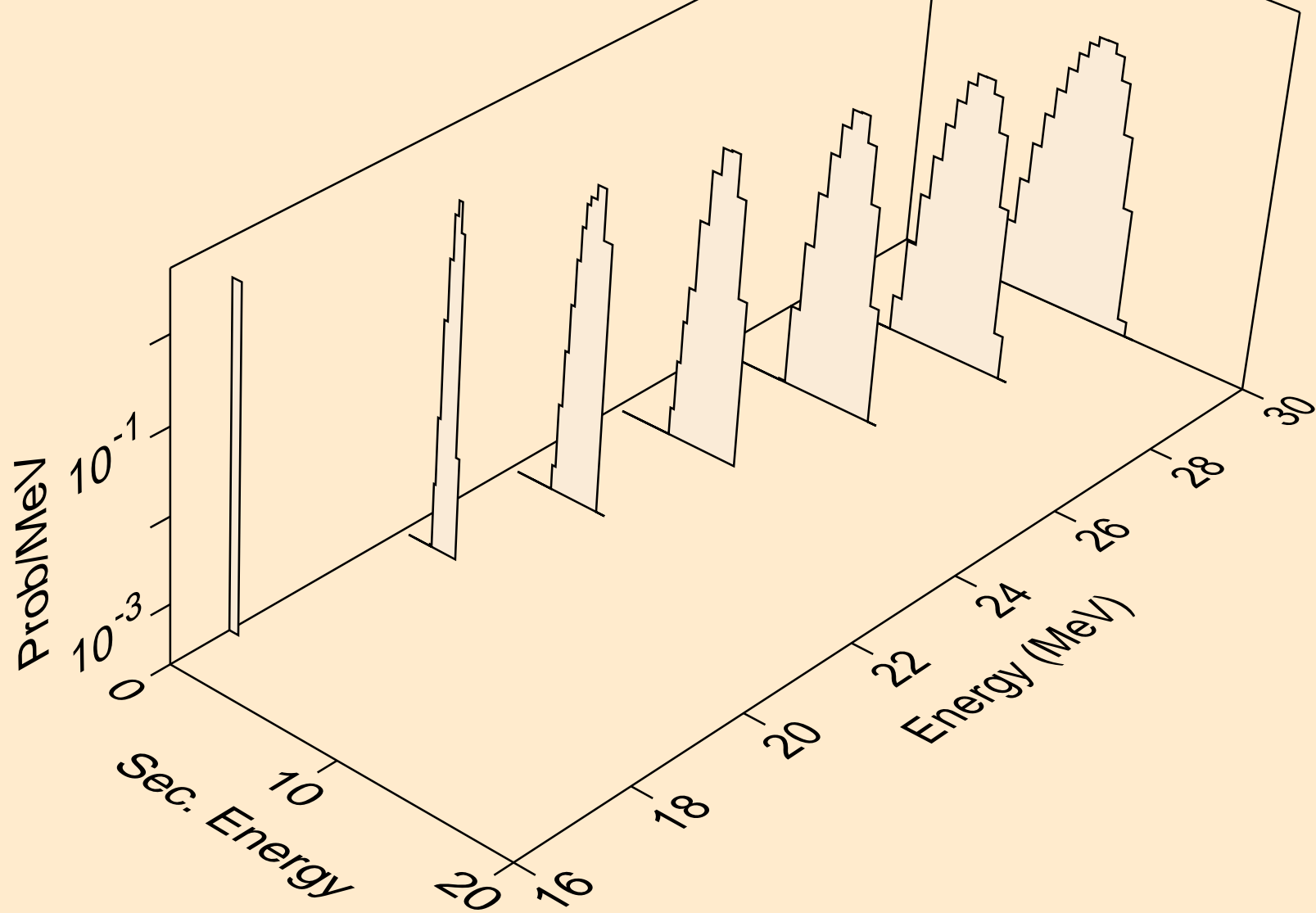




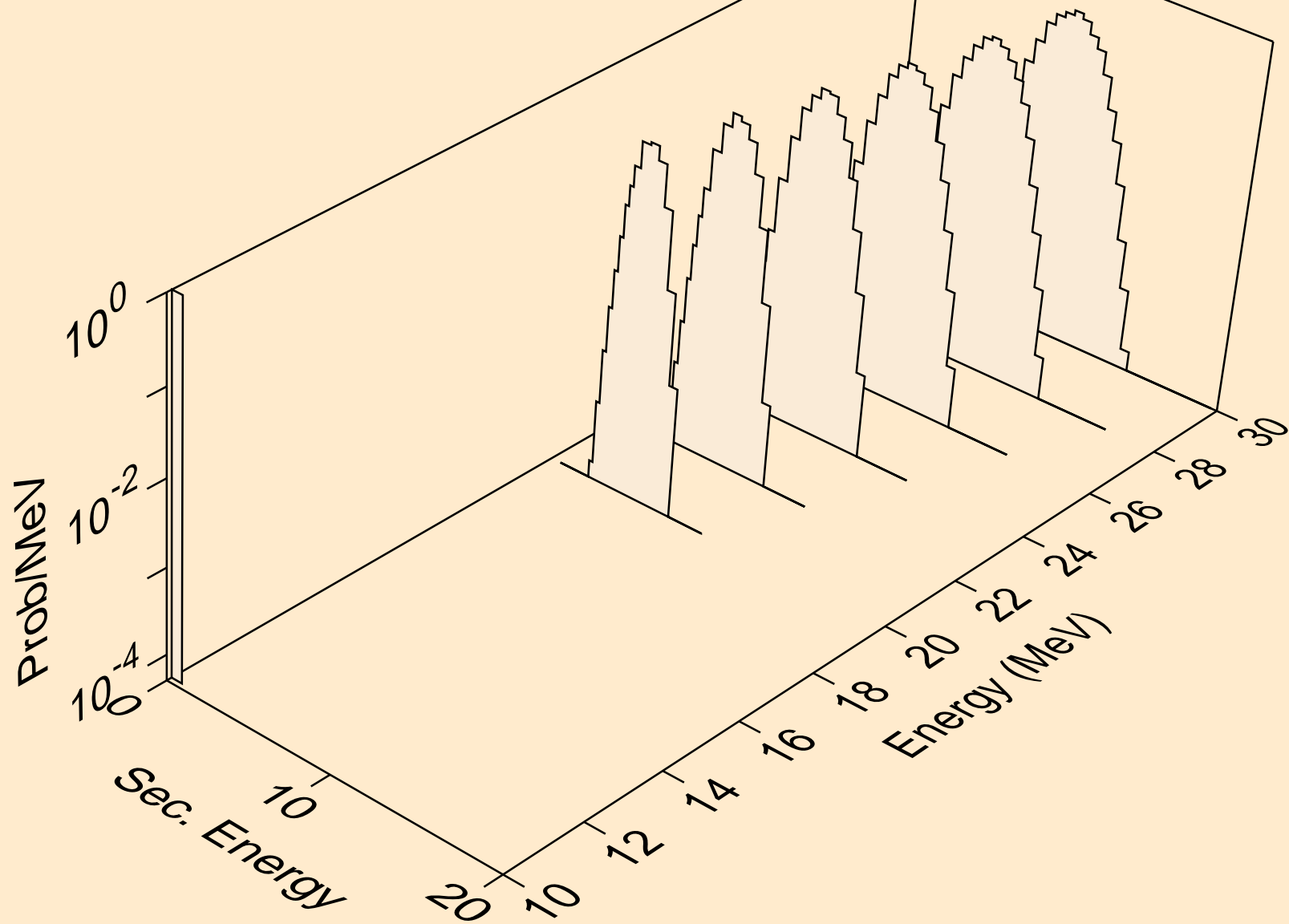
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protons from (n,2np)



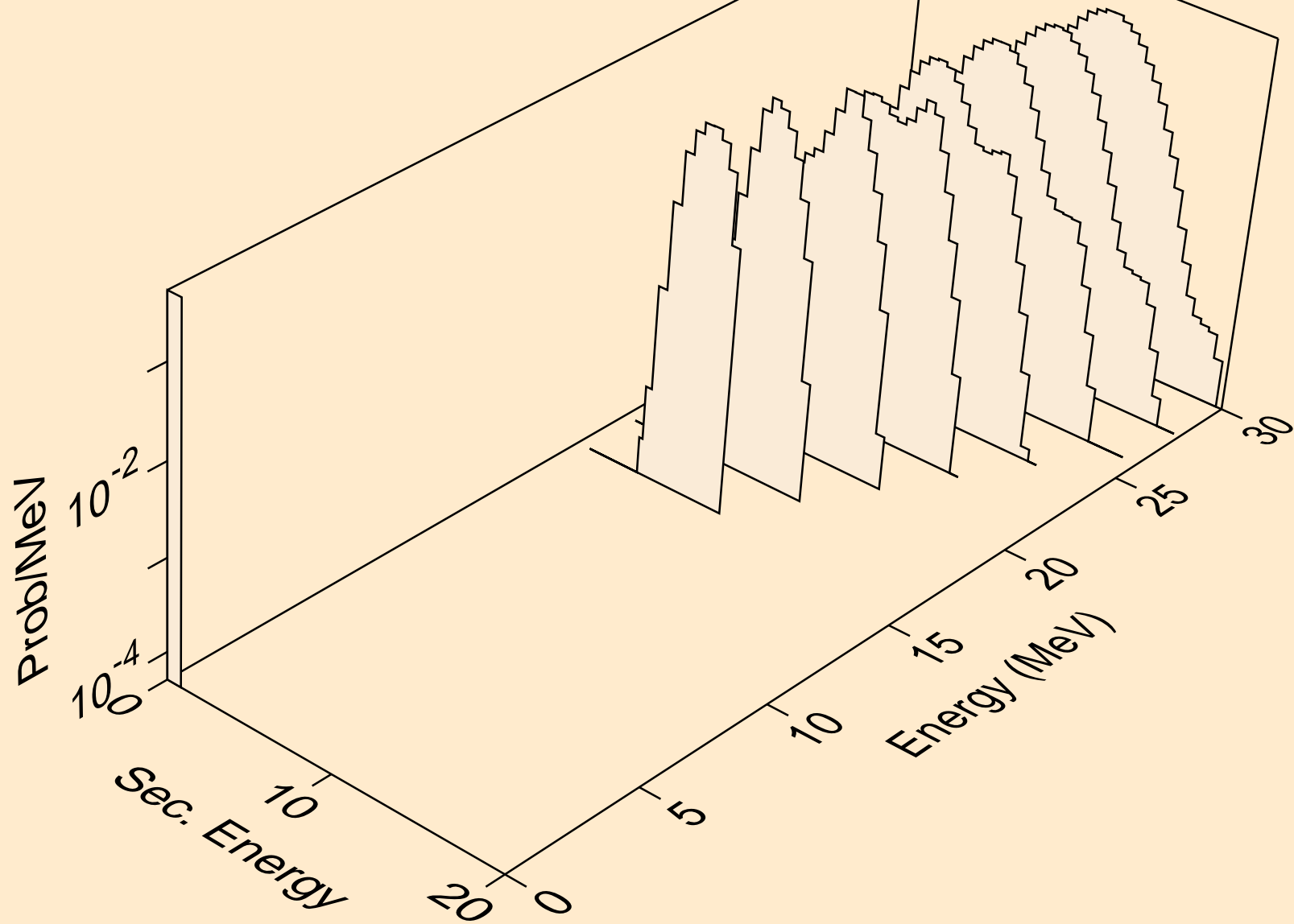
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protons from (n,3np)



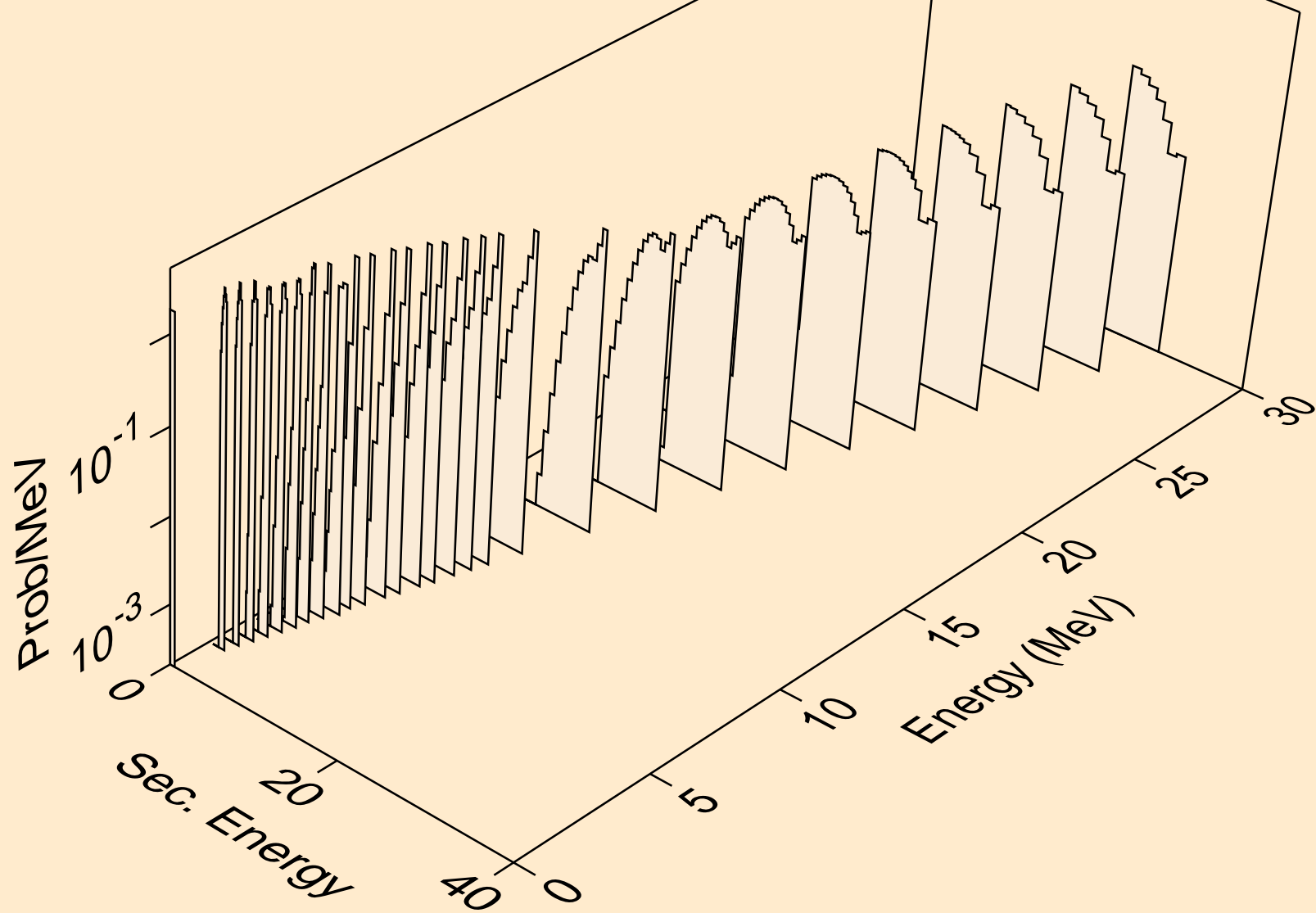
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protons from (n,n2p)



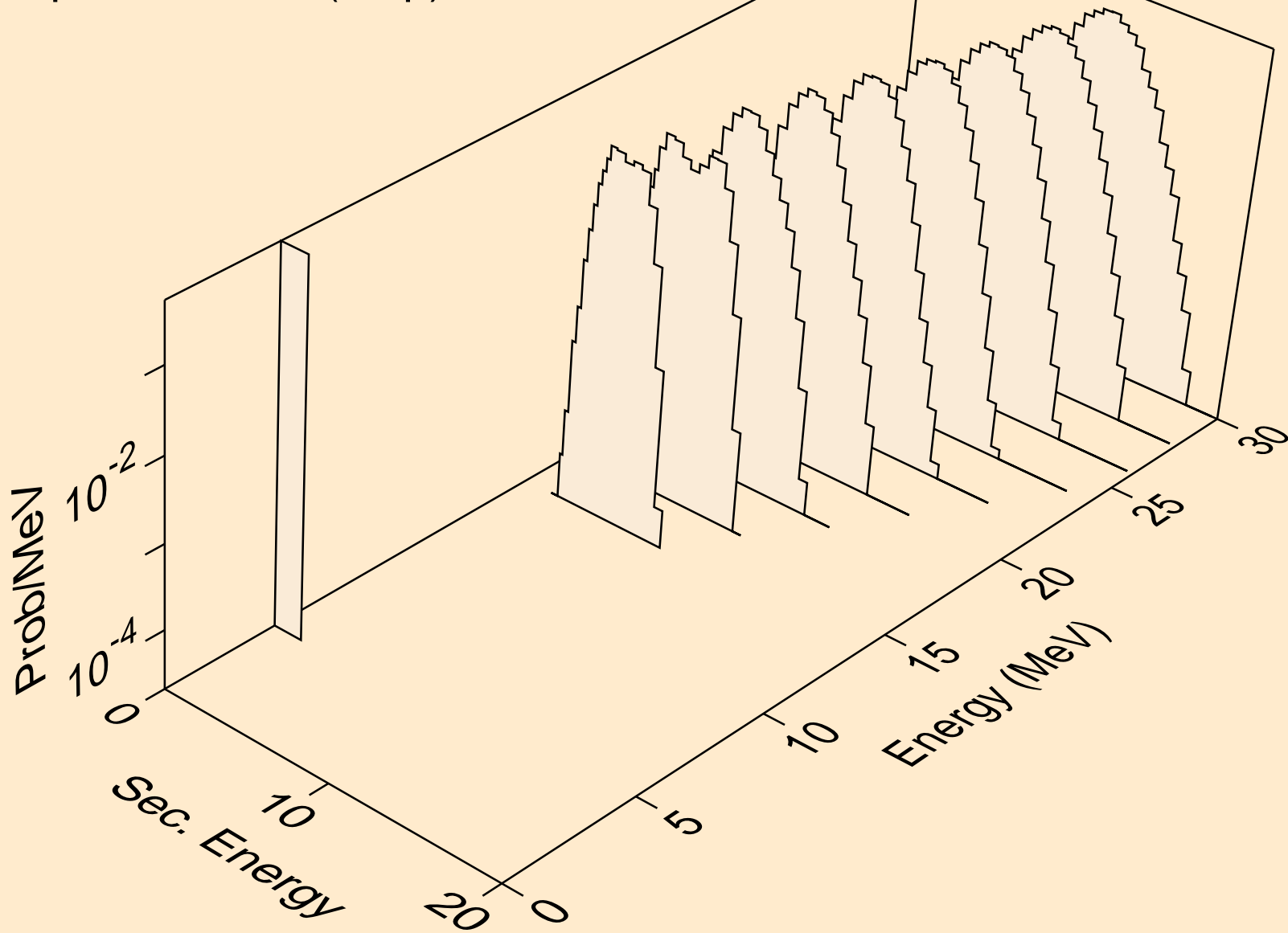
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protons from (n,npa)



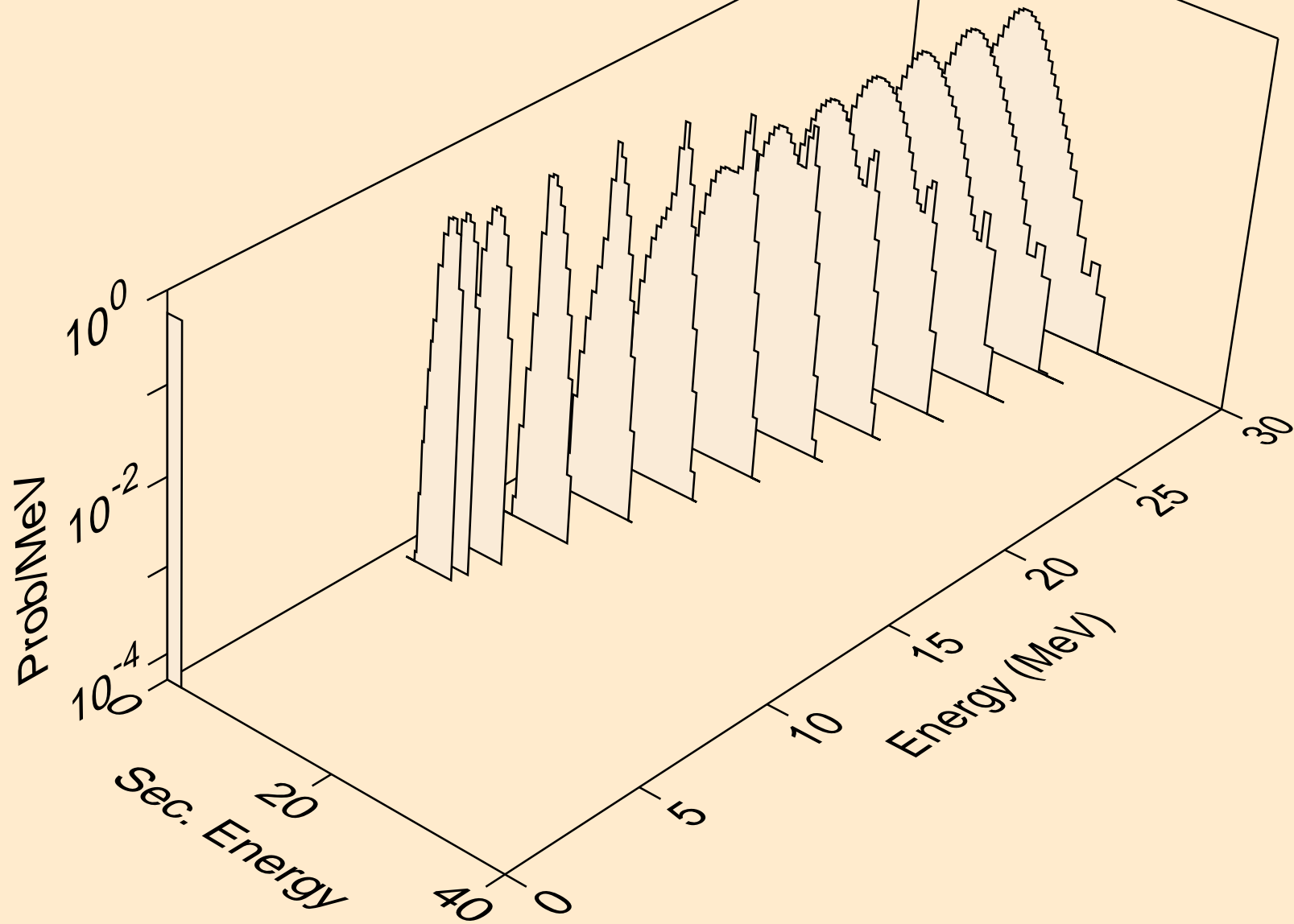
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protons from (n,p)



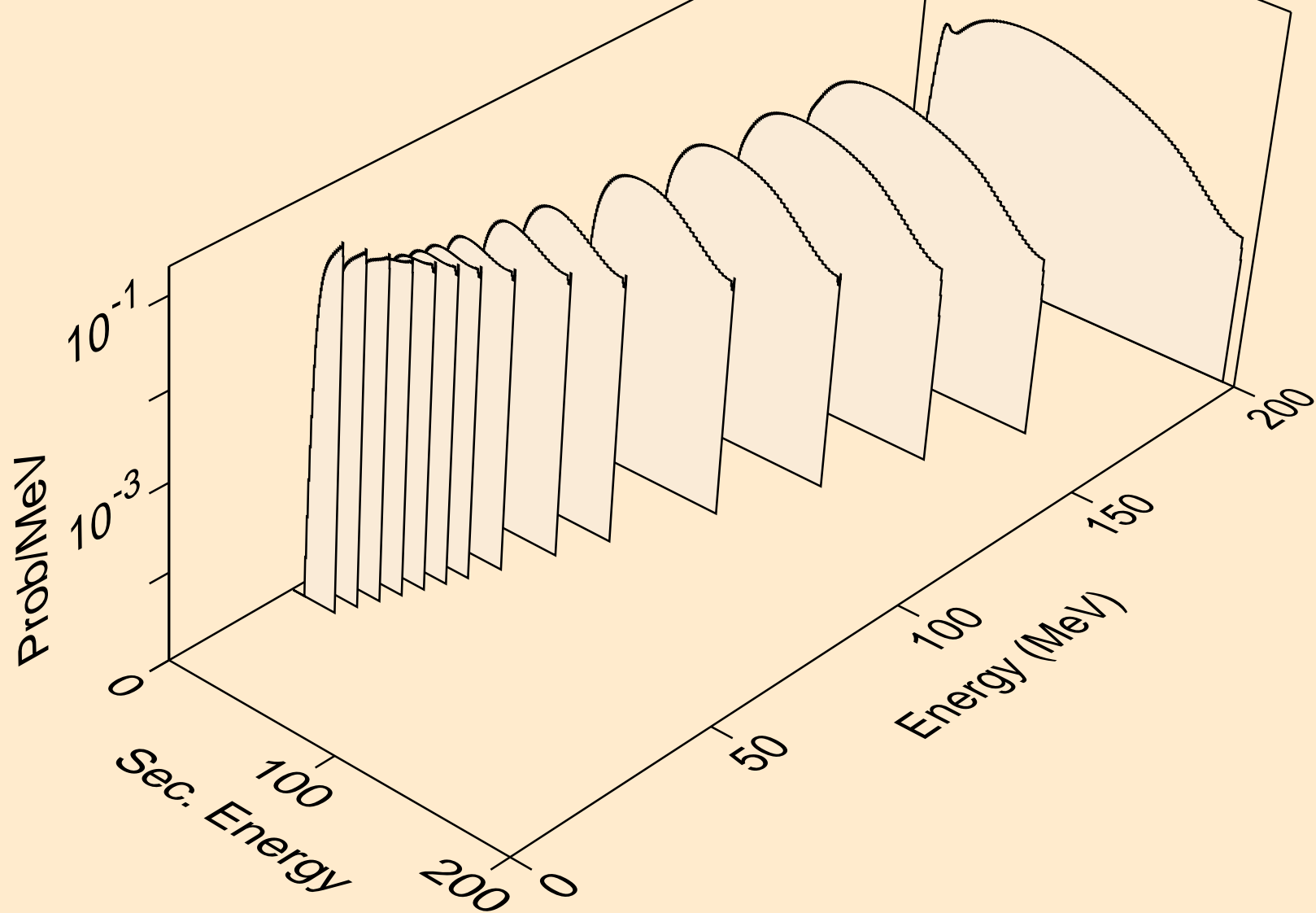
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protons from (n,2p)



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

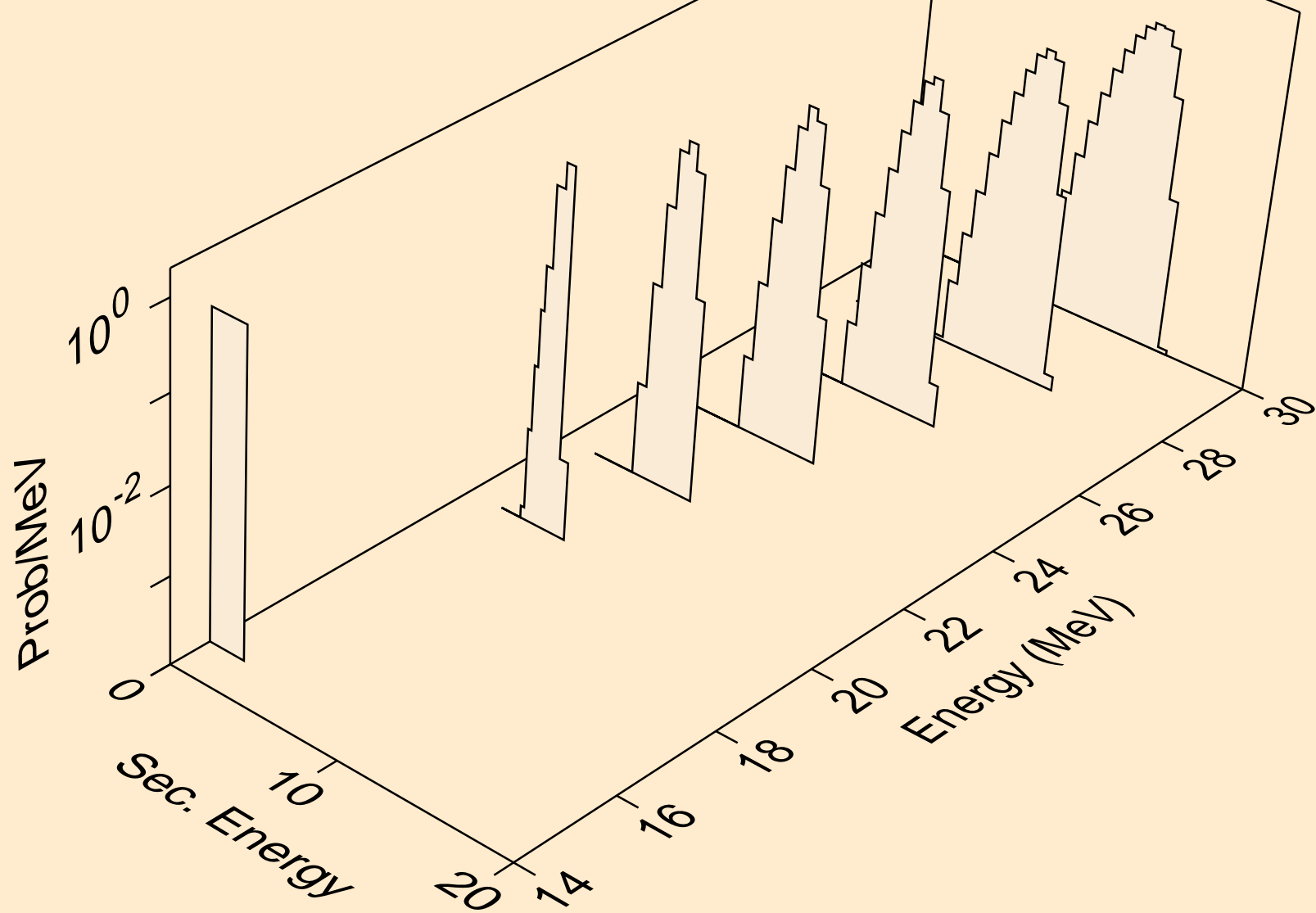


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deuterons from (n,x)

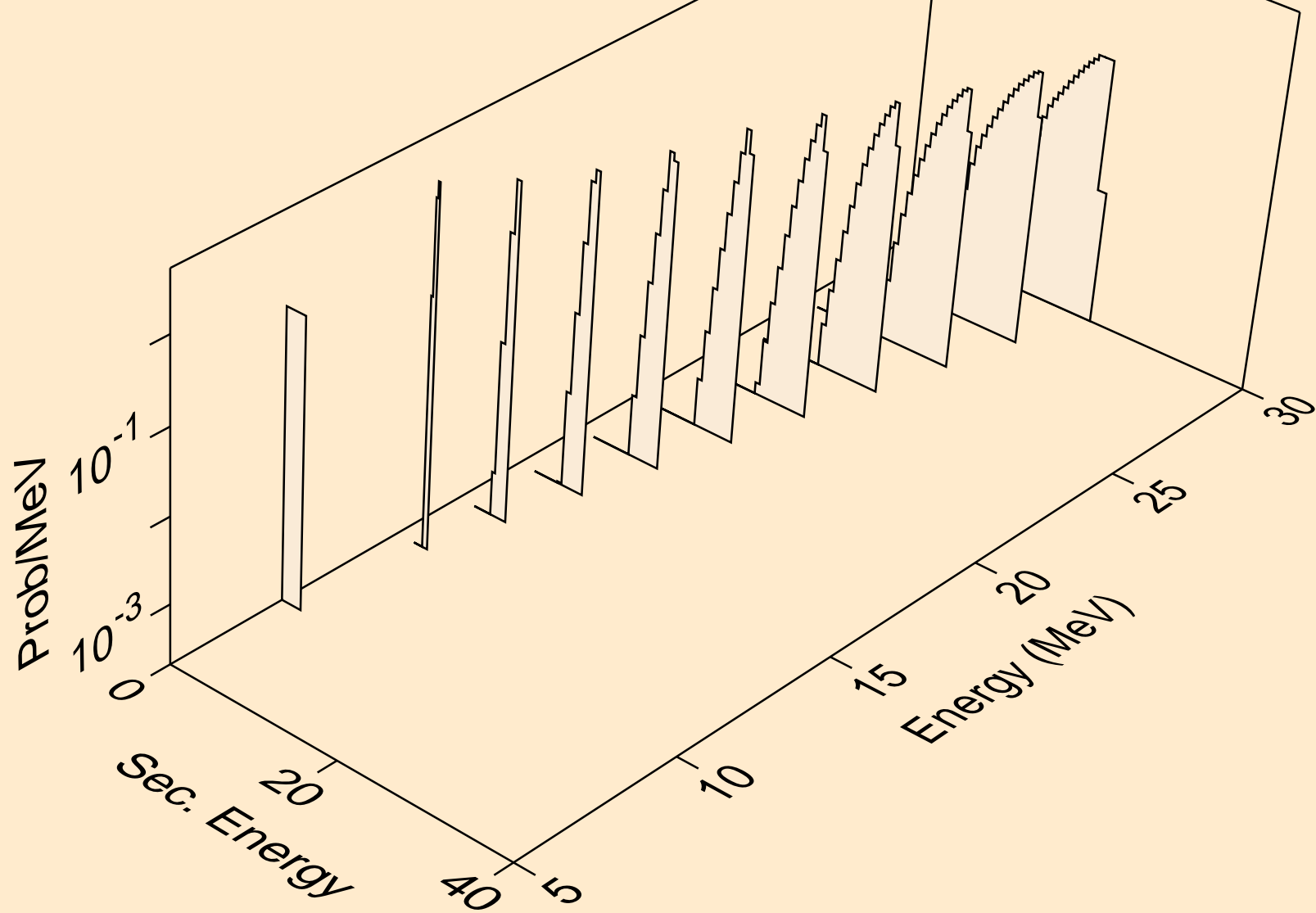




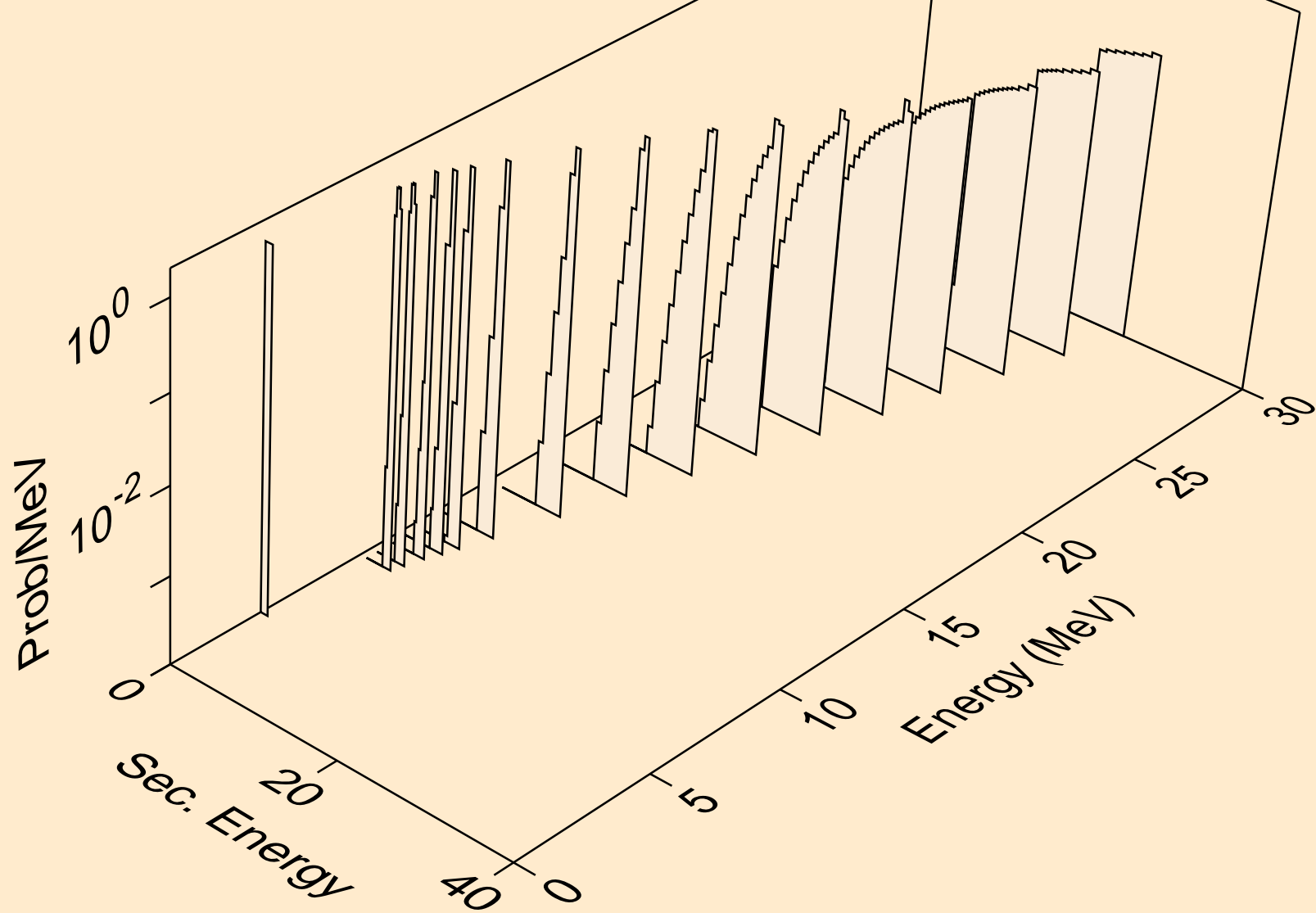
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deuterons from (n,2nd)



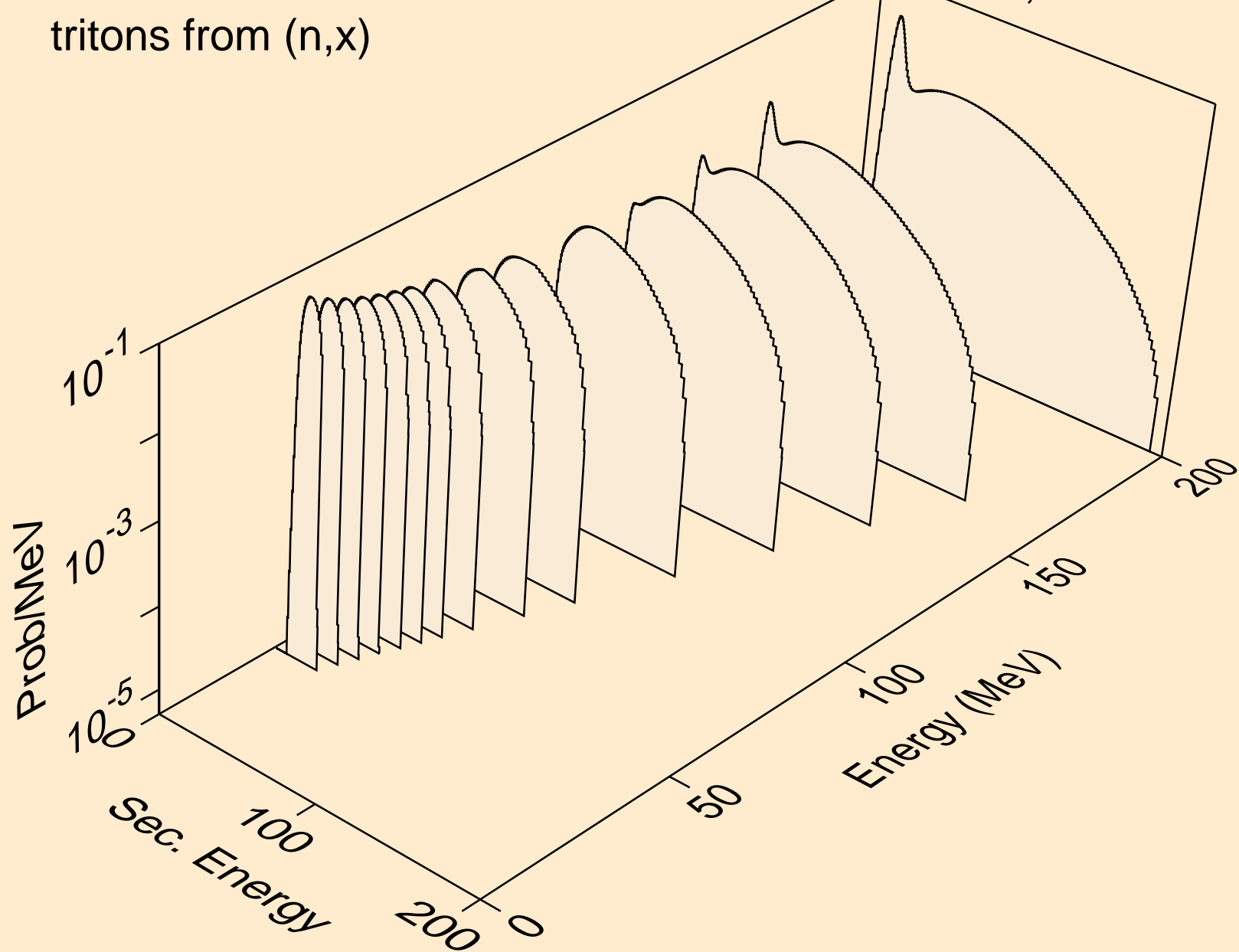
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deuterons from (n,n\*)d



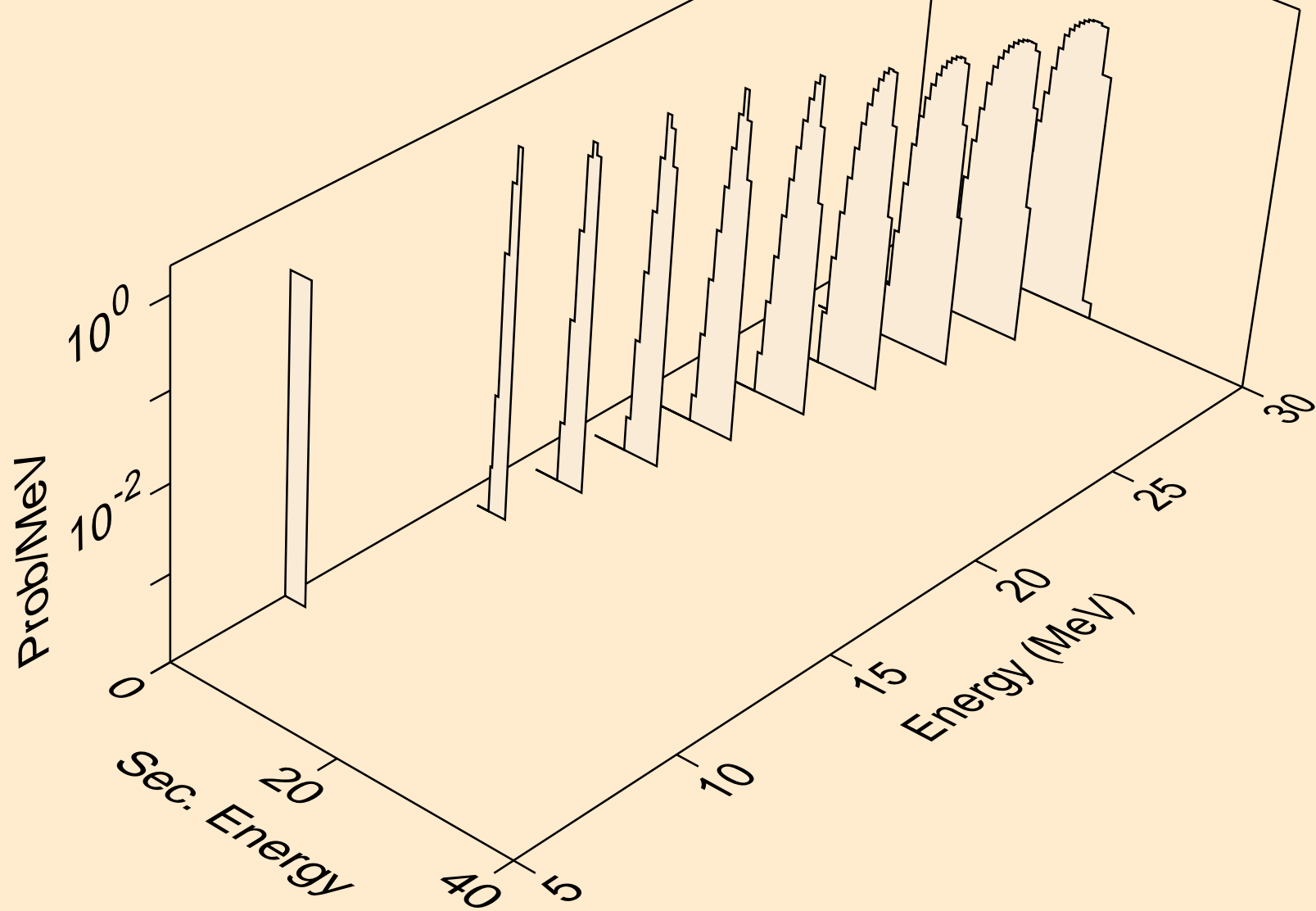
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deuterons from (n,d)



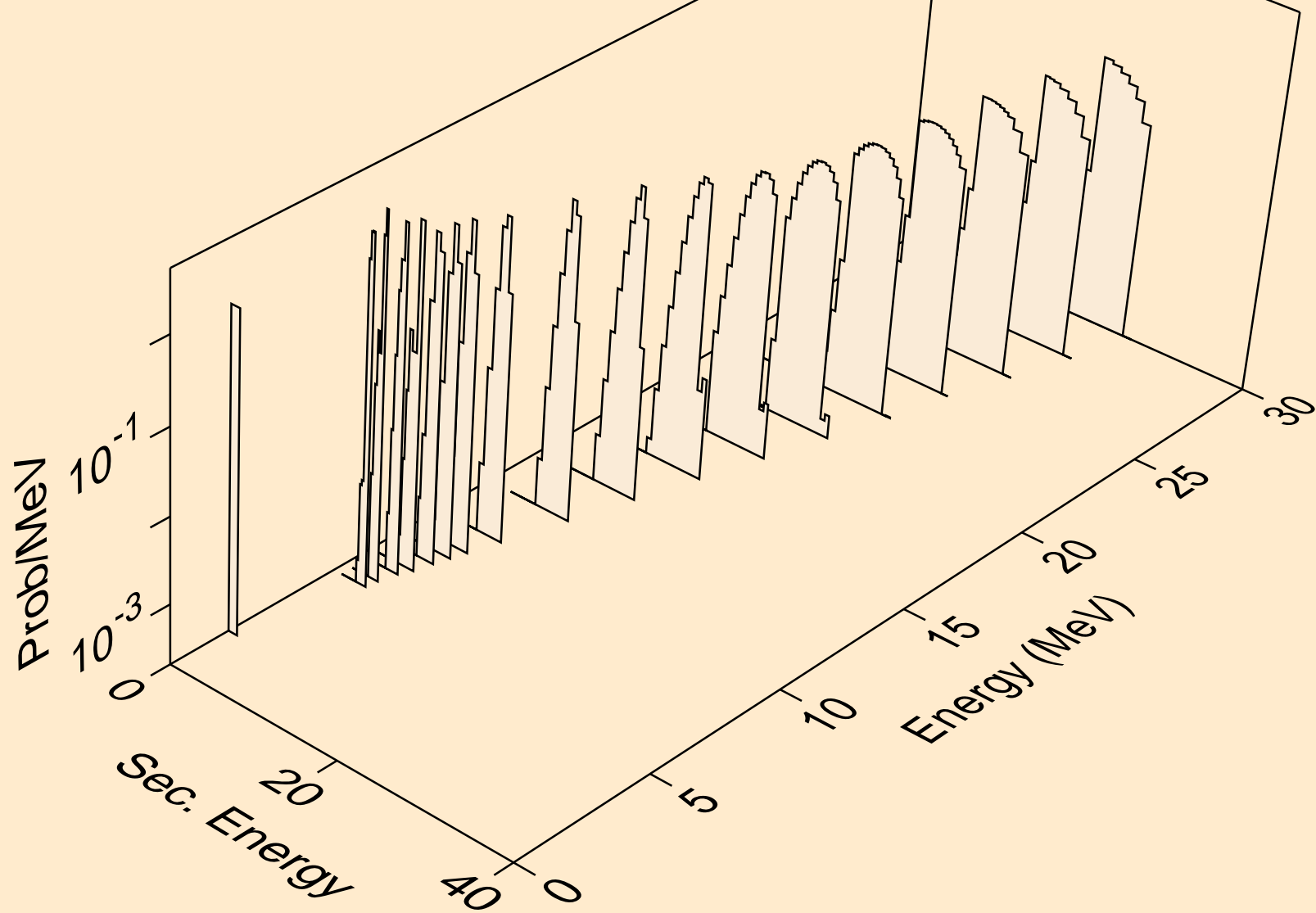
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



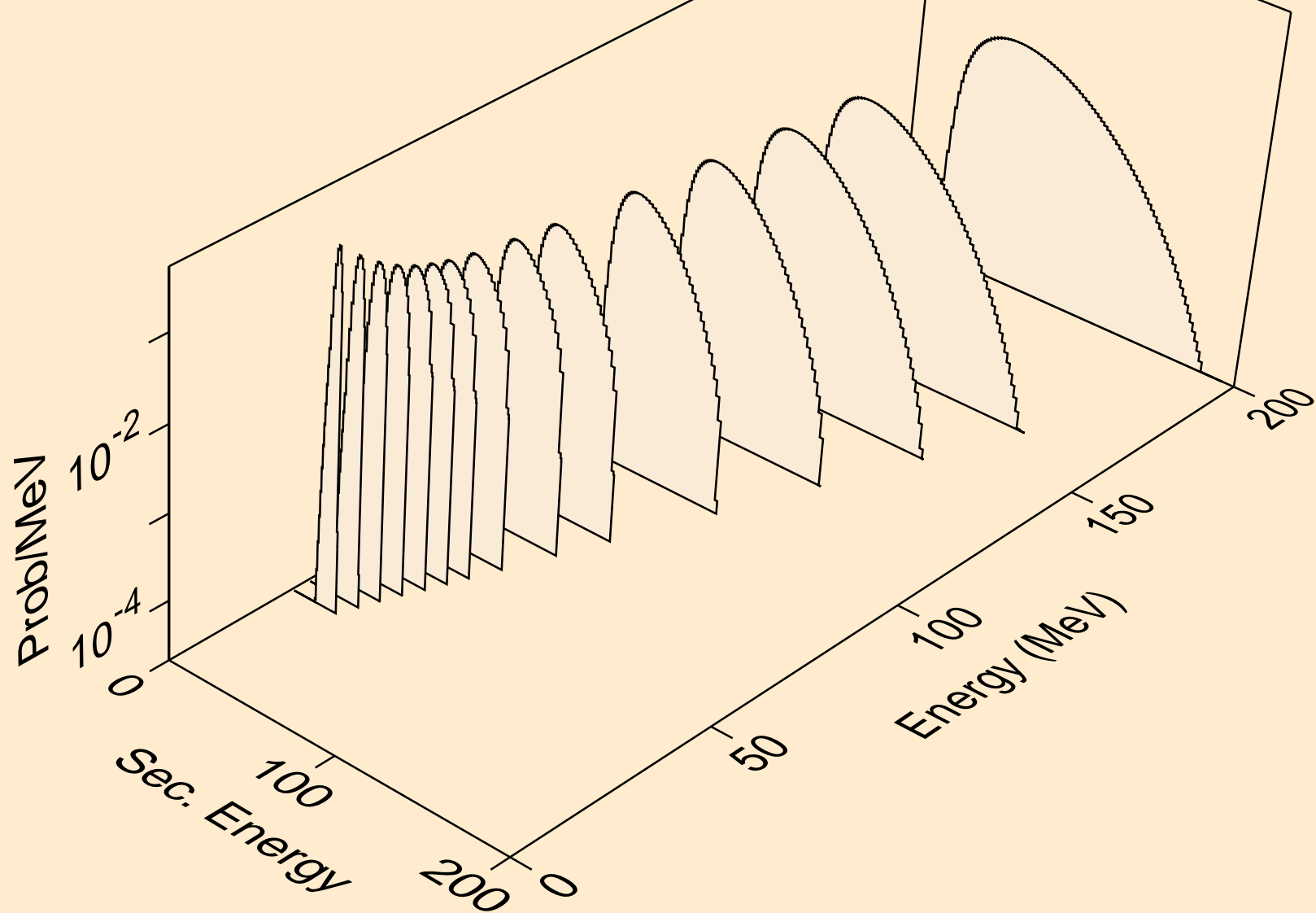
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



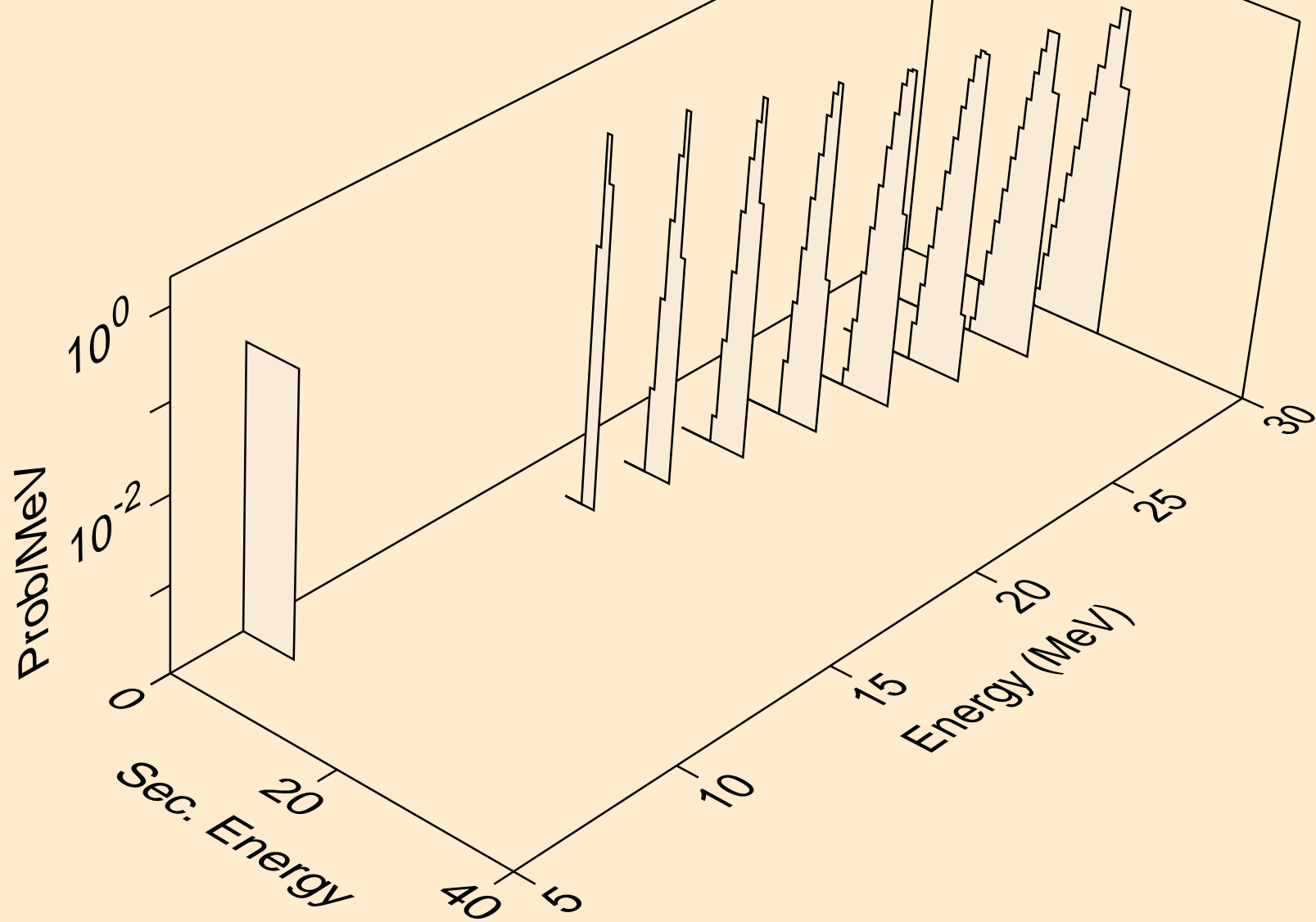
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

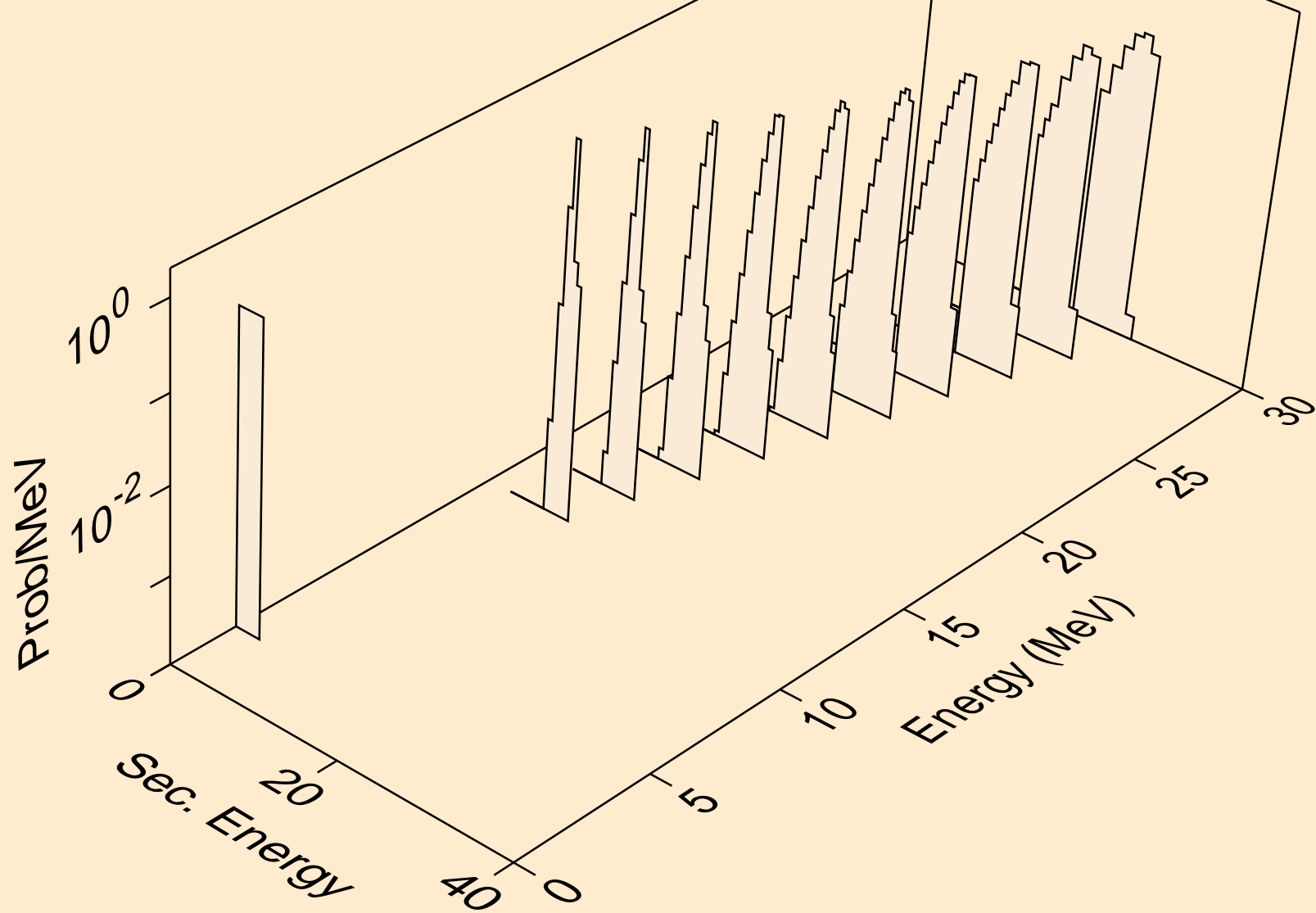


FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

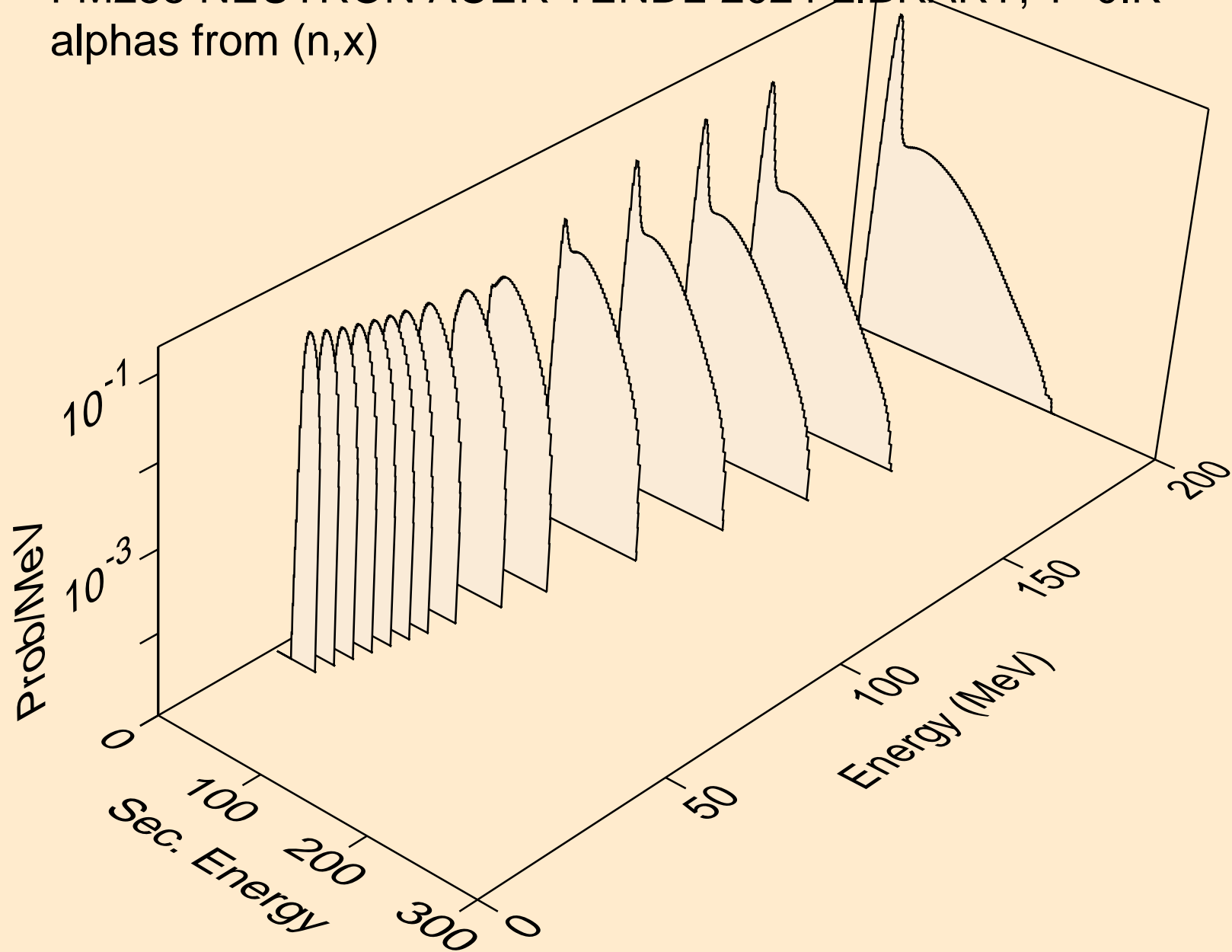




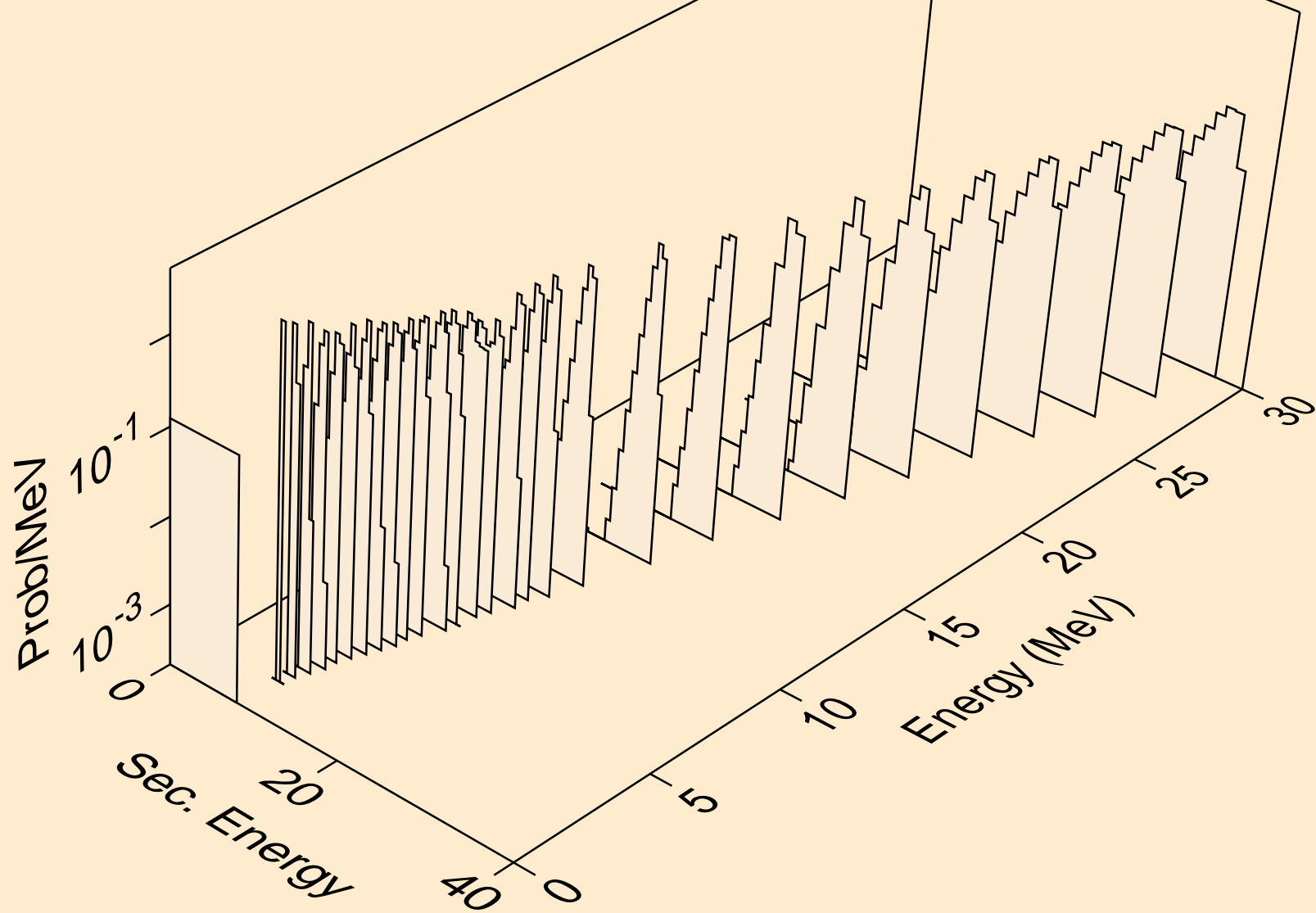
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he3s from (n,he3)



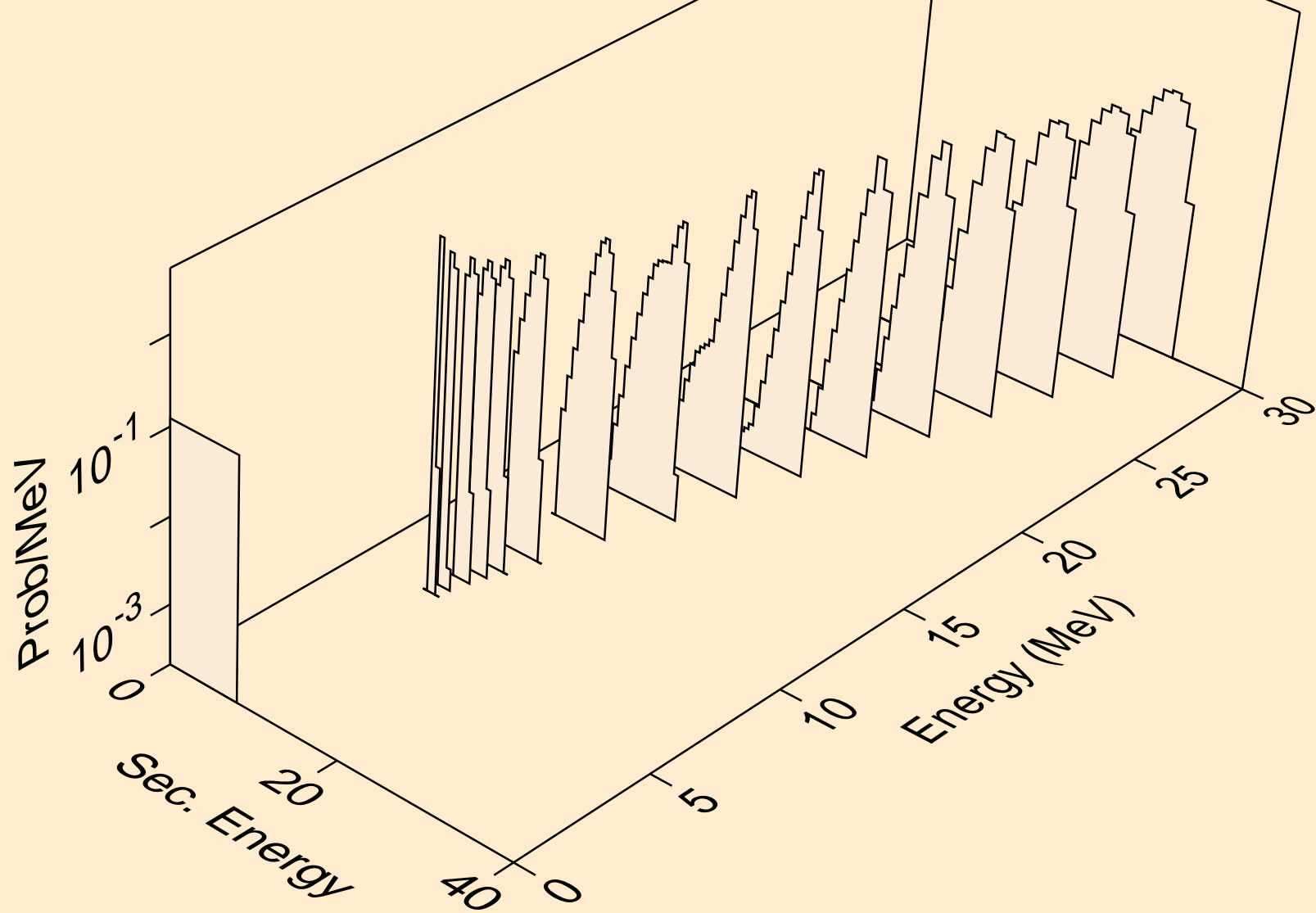
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alphas from (n,x)



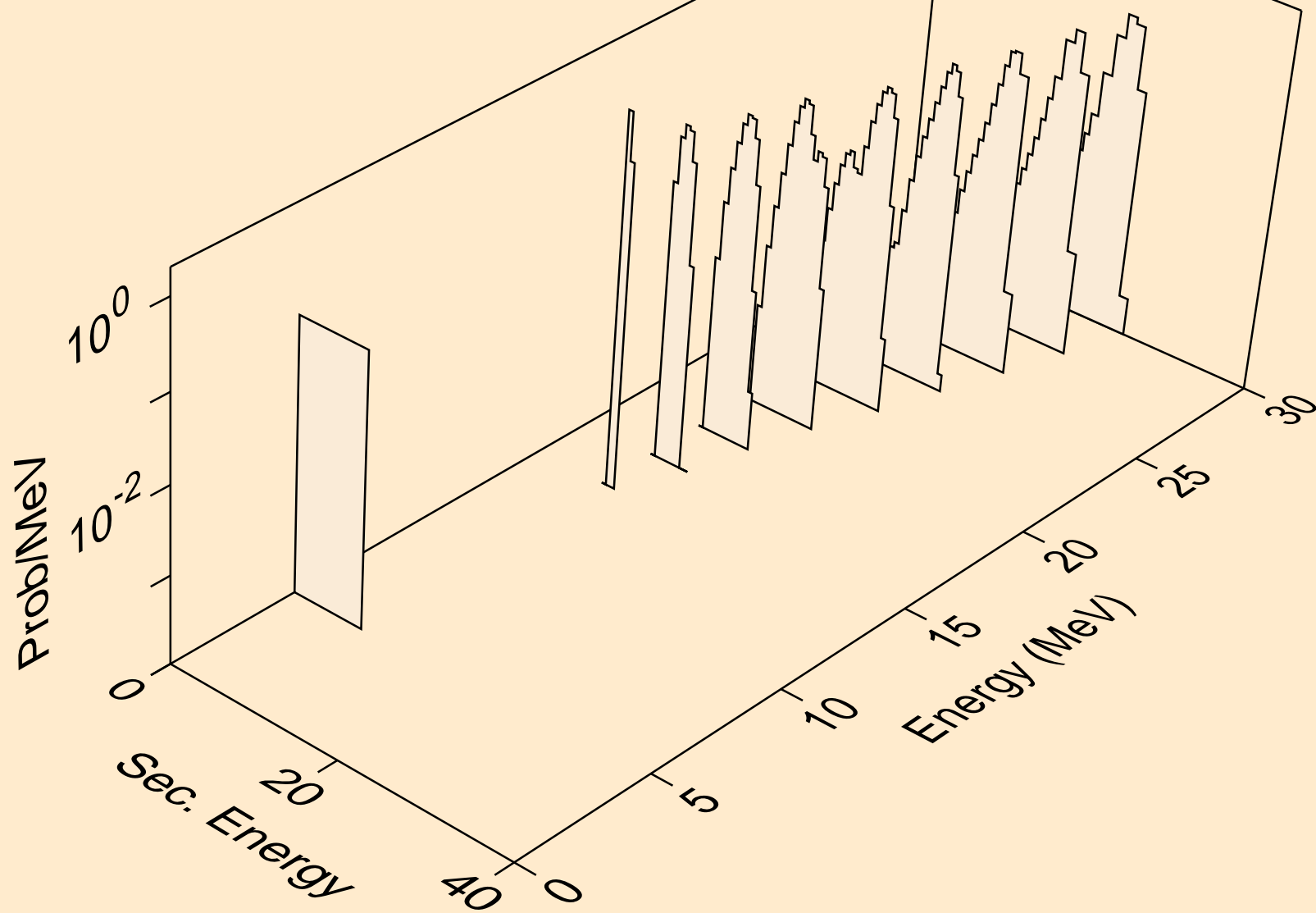
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alphas from (n,n\*)a



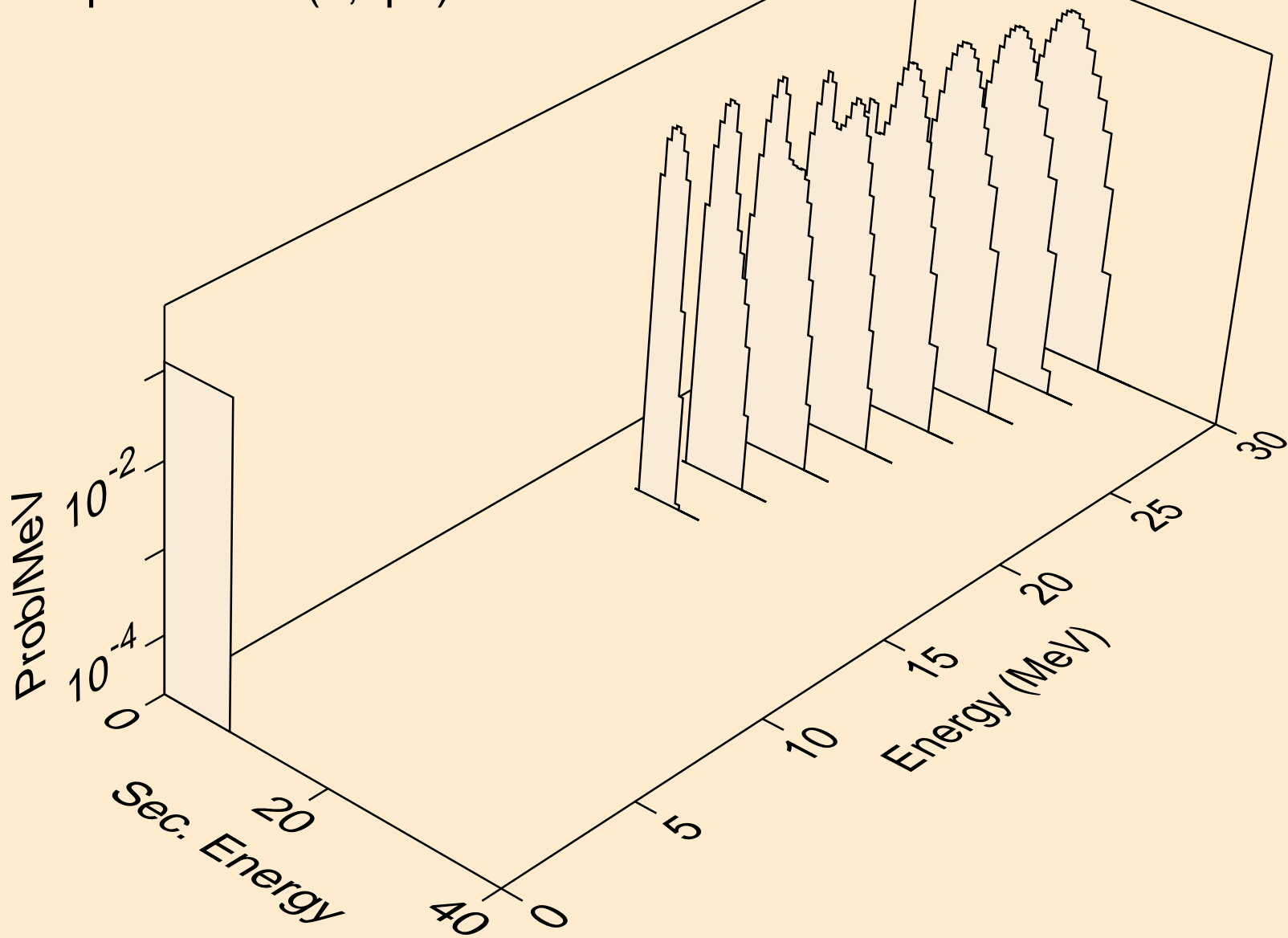
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alphas from (n,2n)a



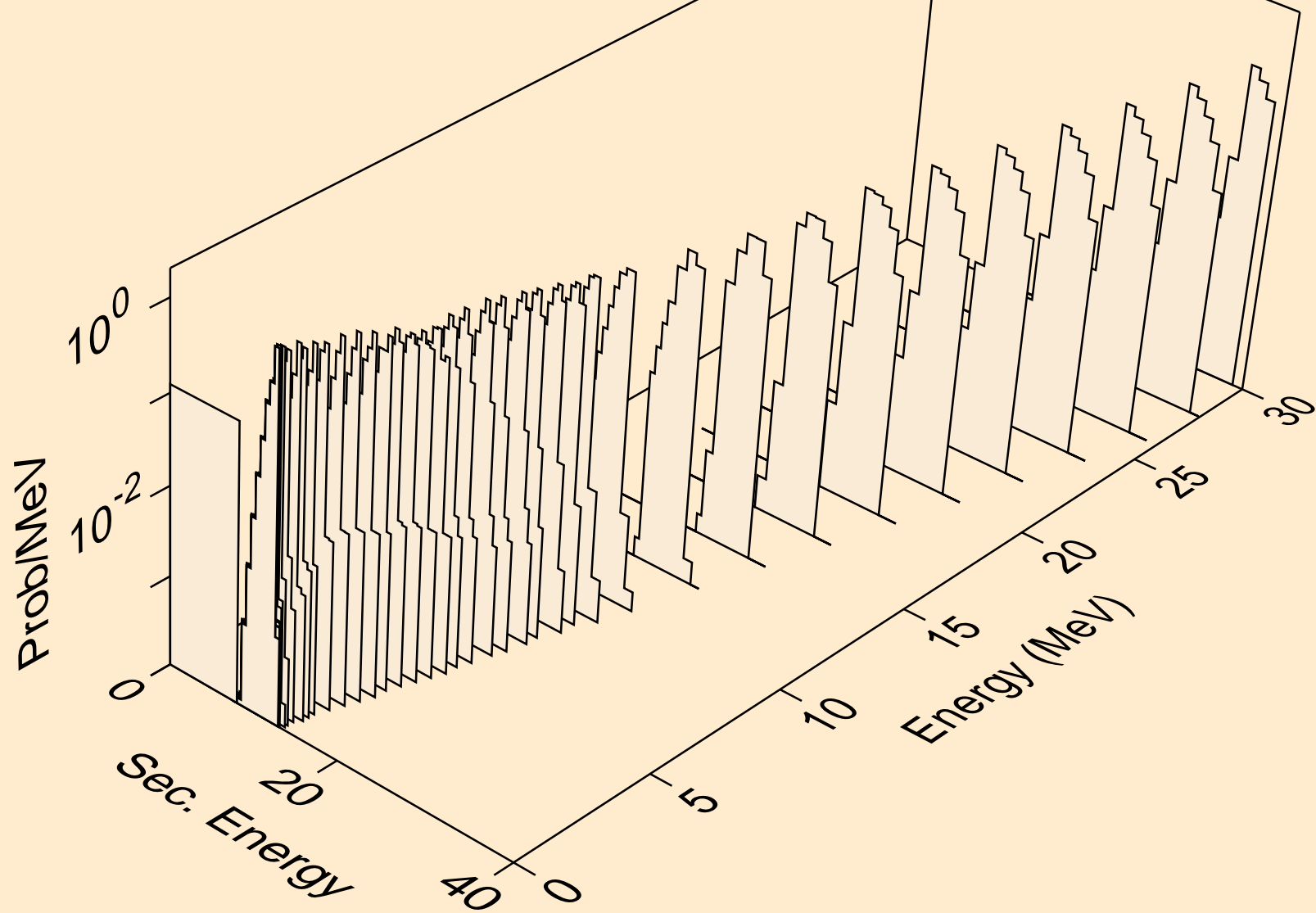
FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



FM255 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

