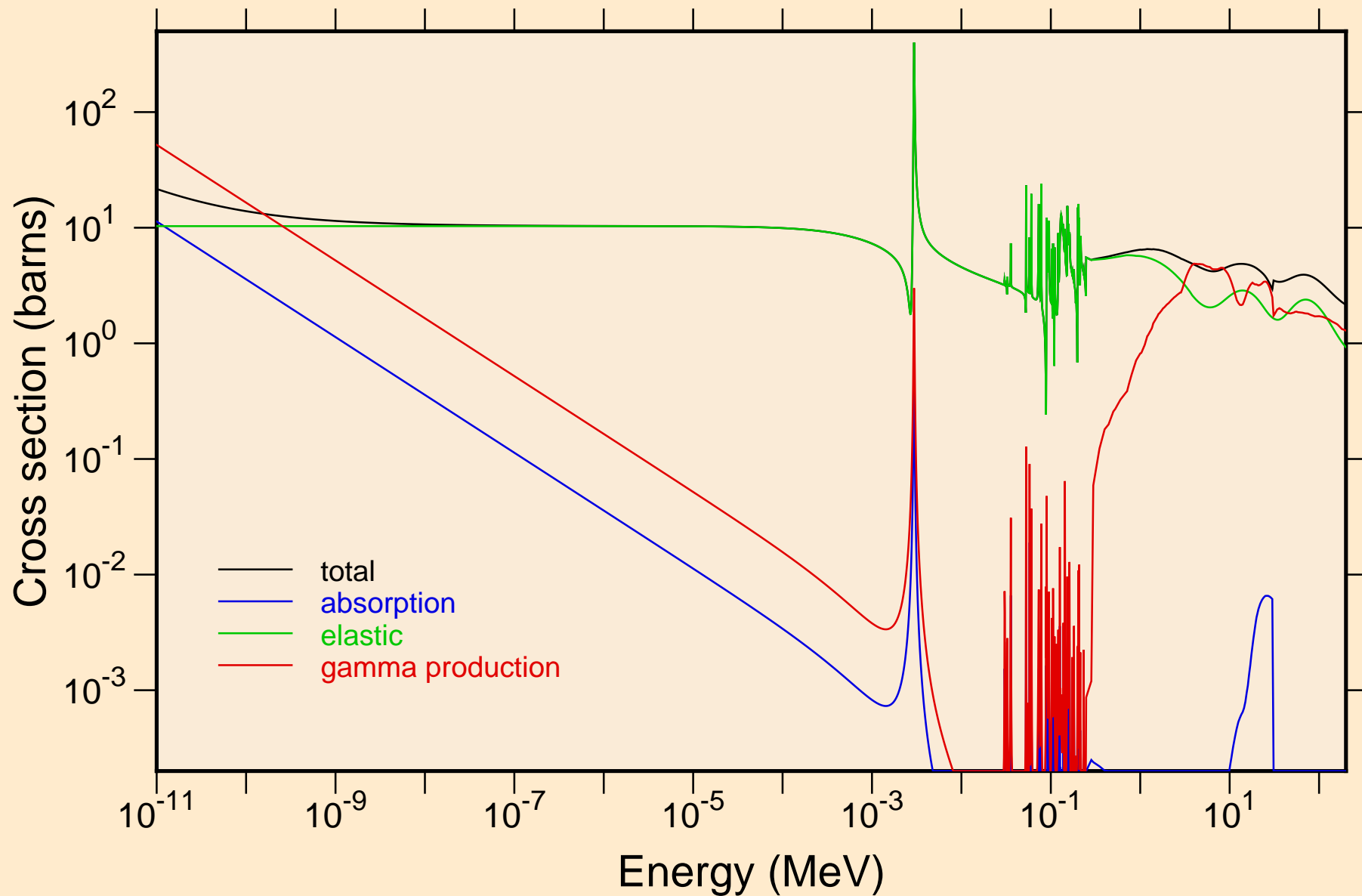
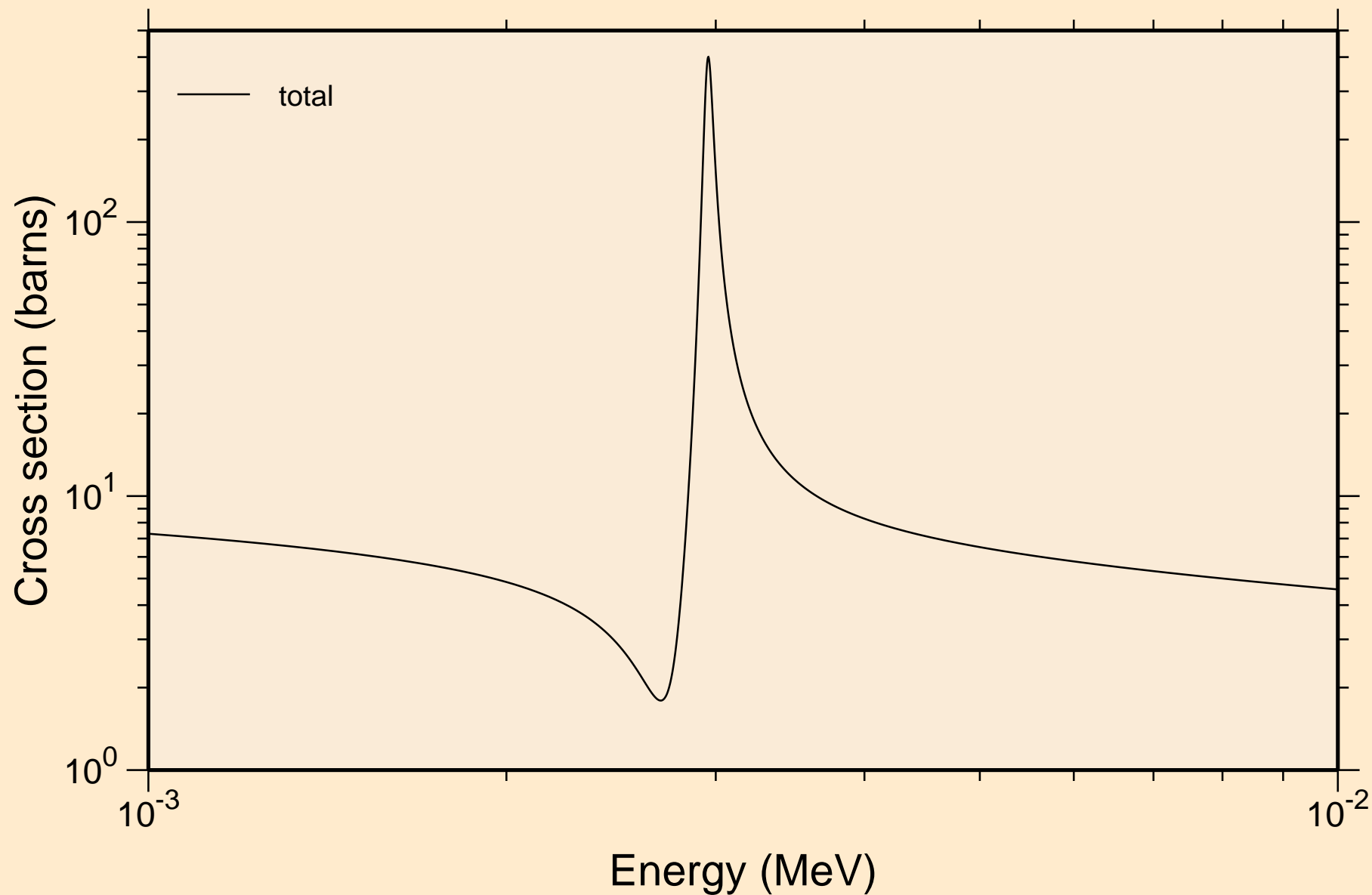


# SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

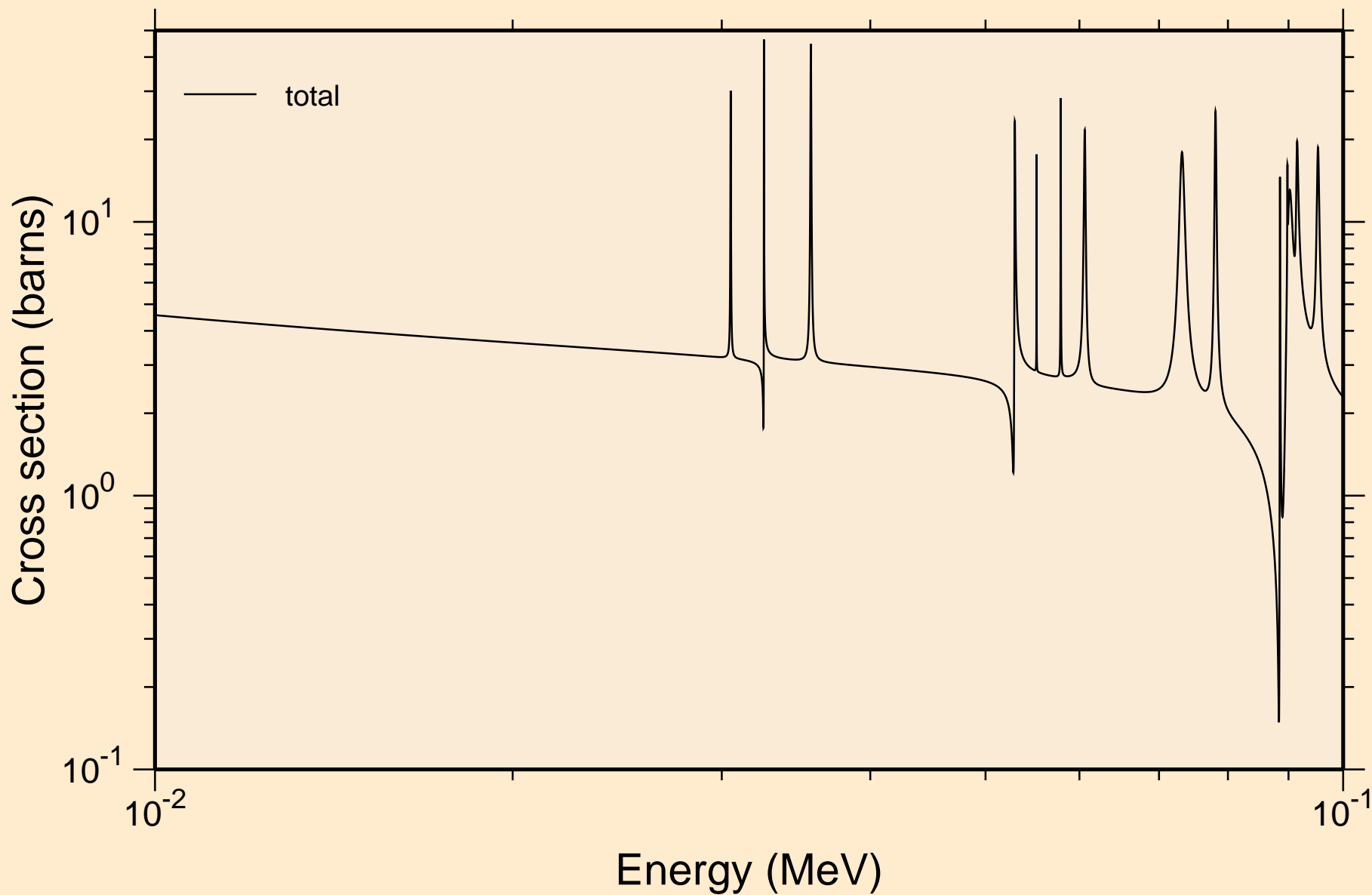
## Principal cross sections



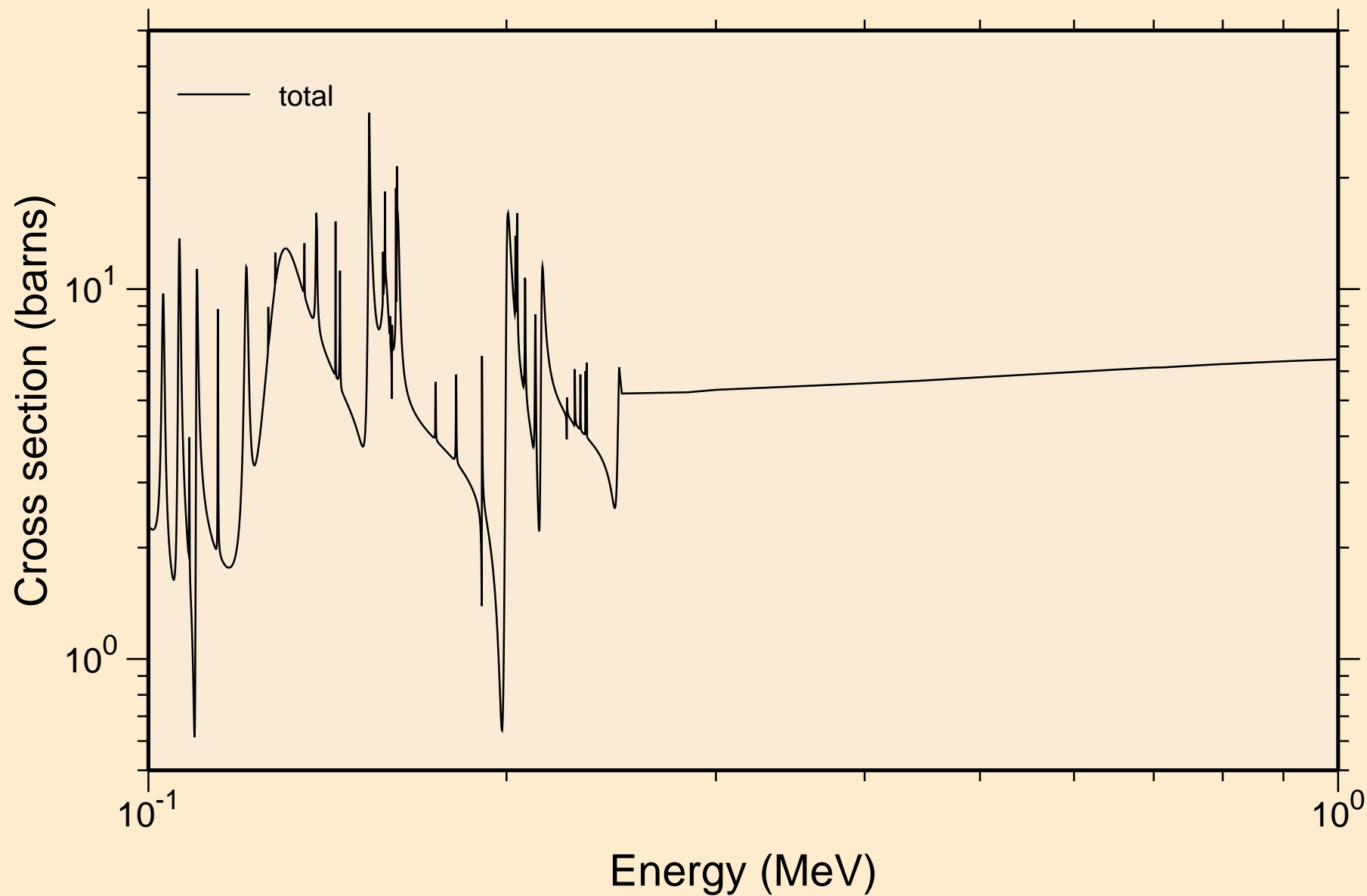
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



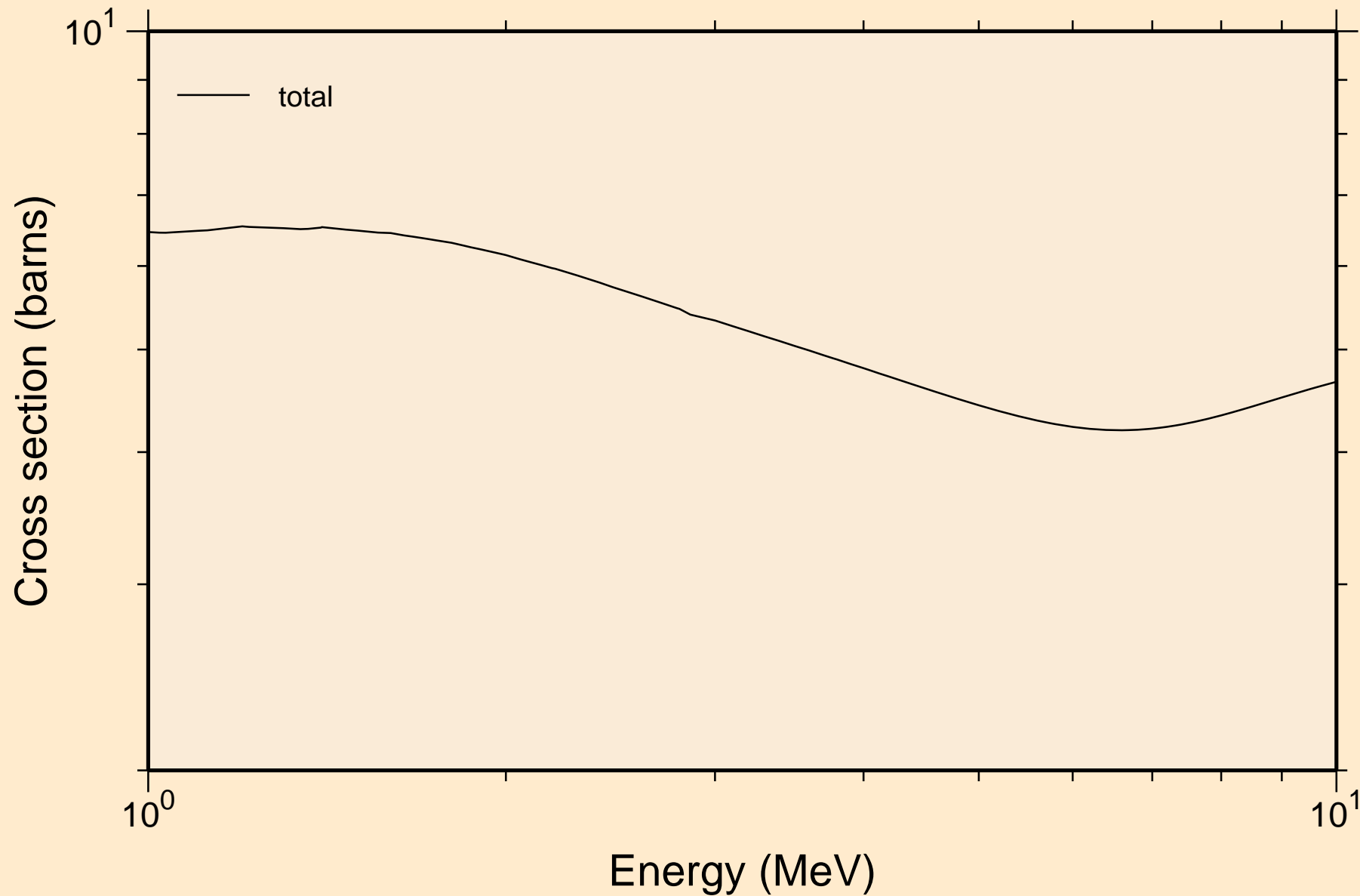
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



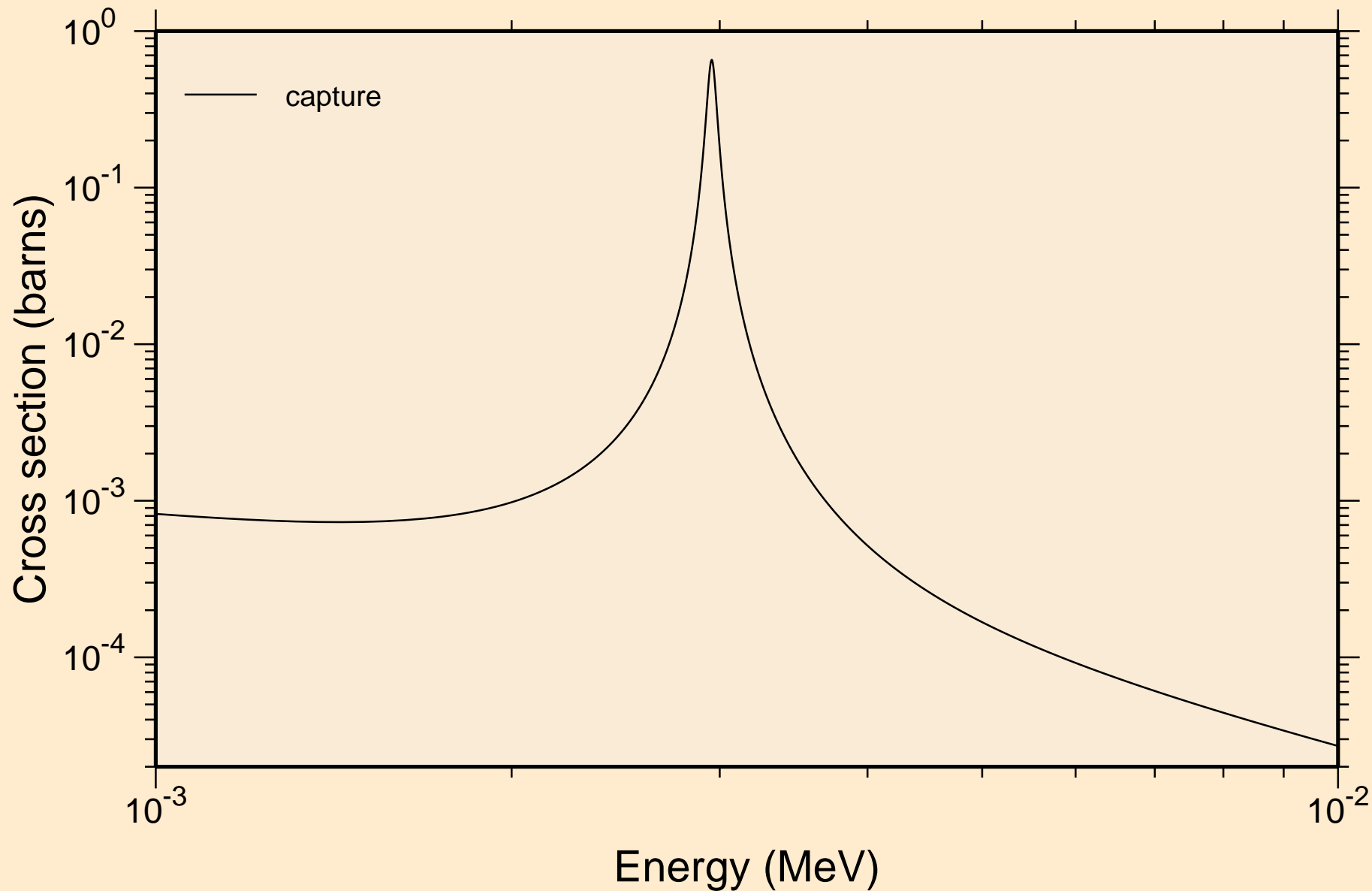
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



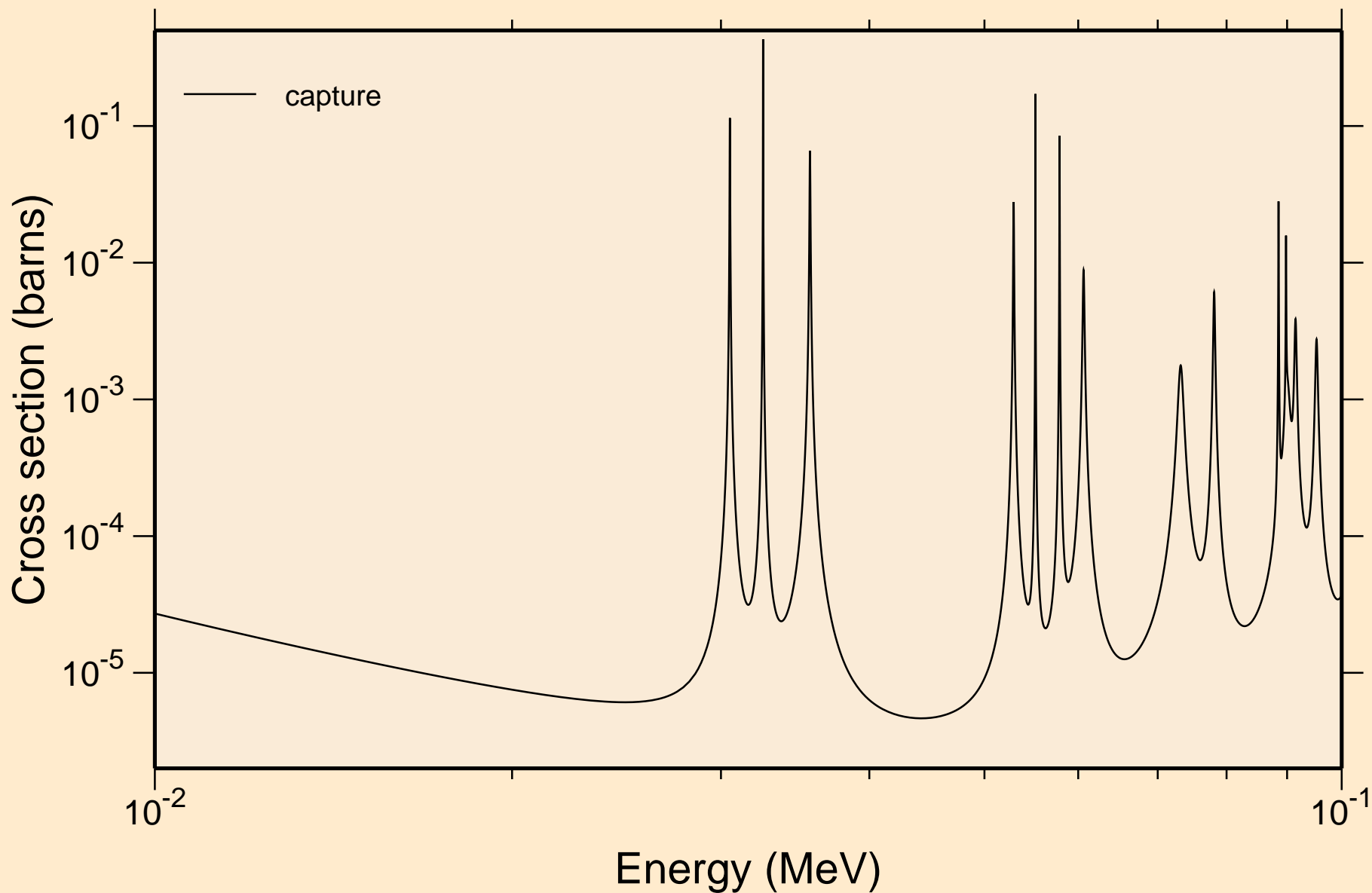
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



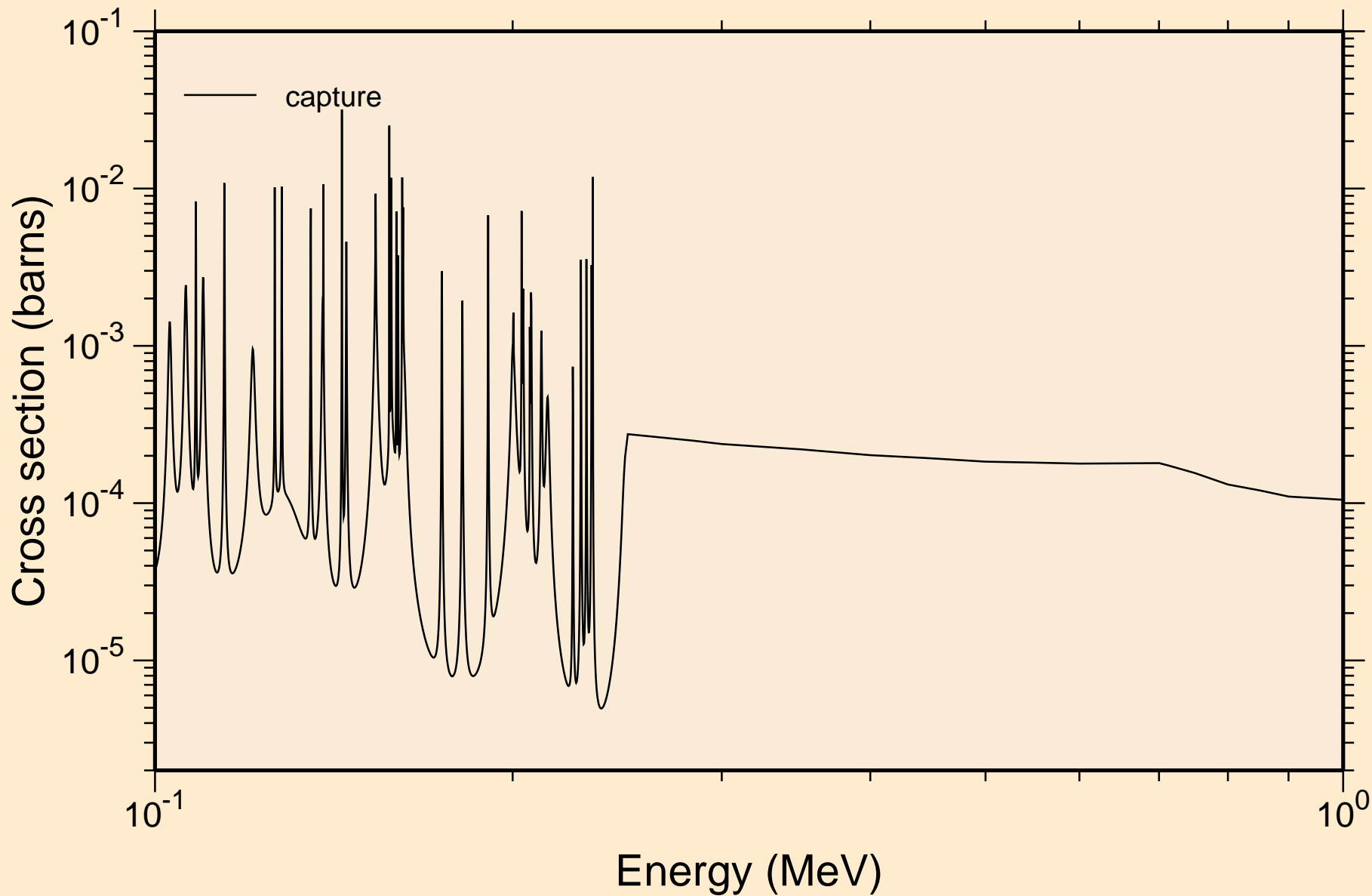
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

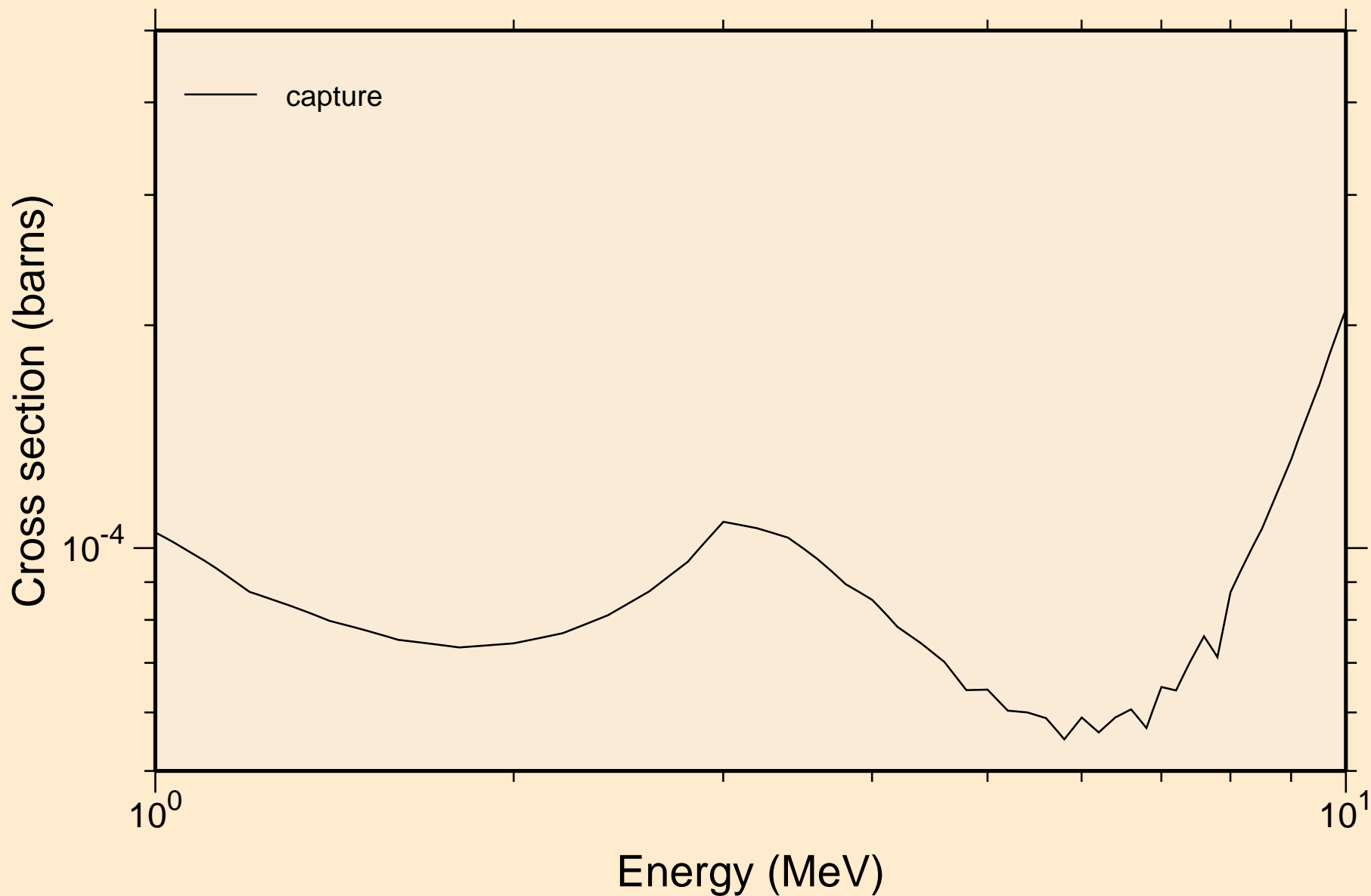


SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

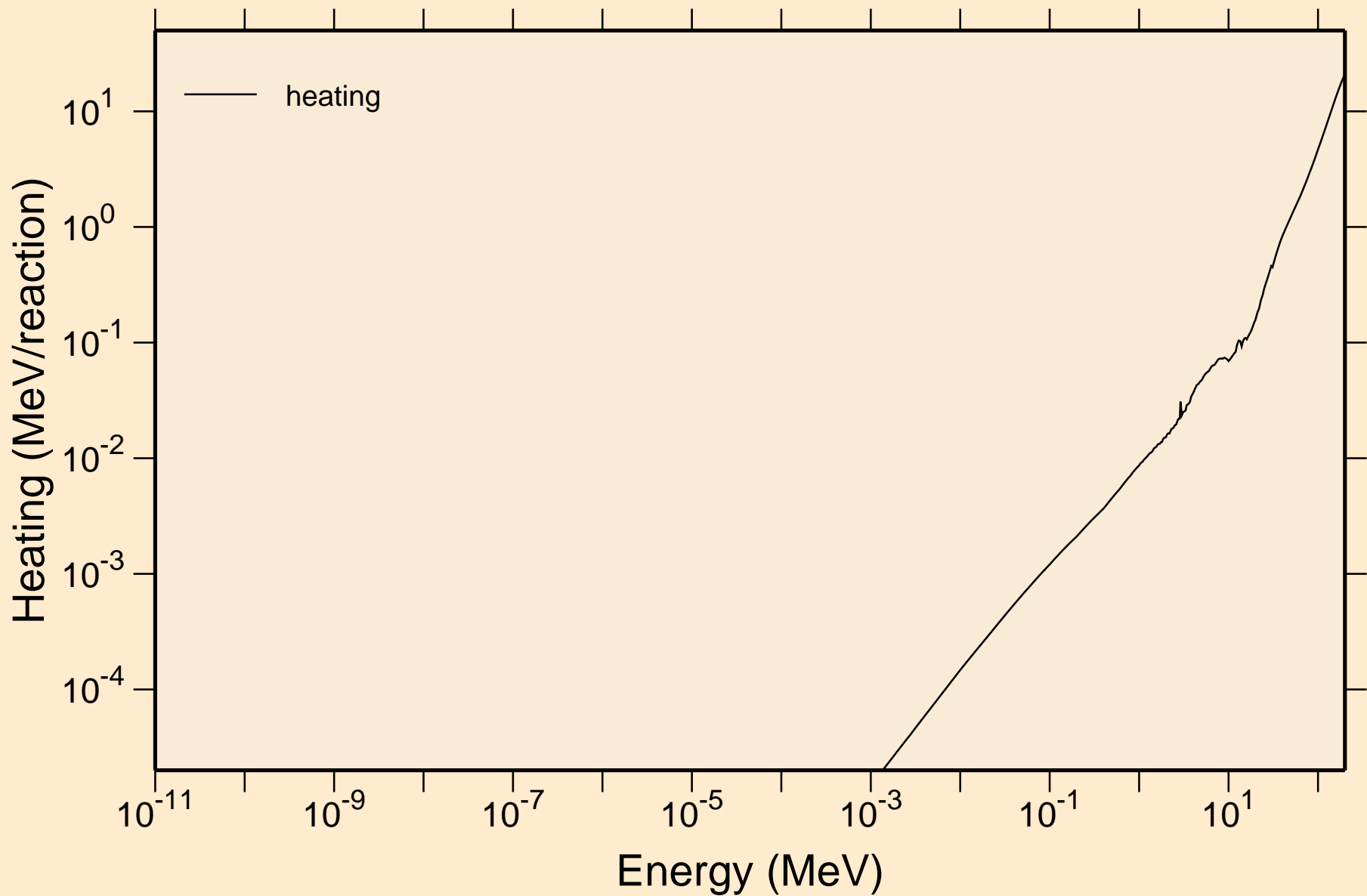




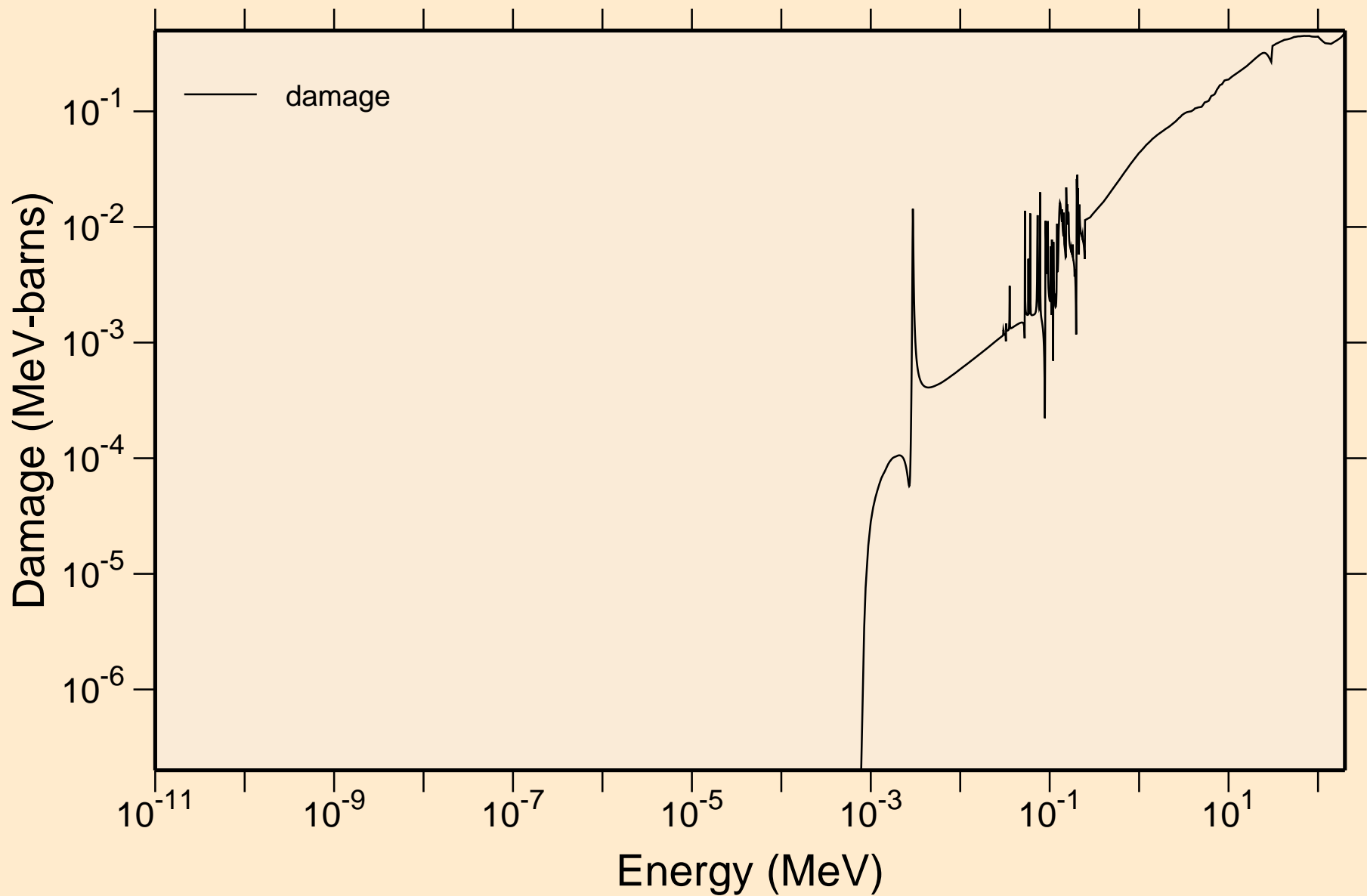
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



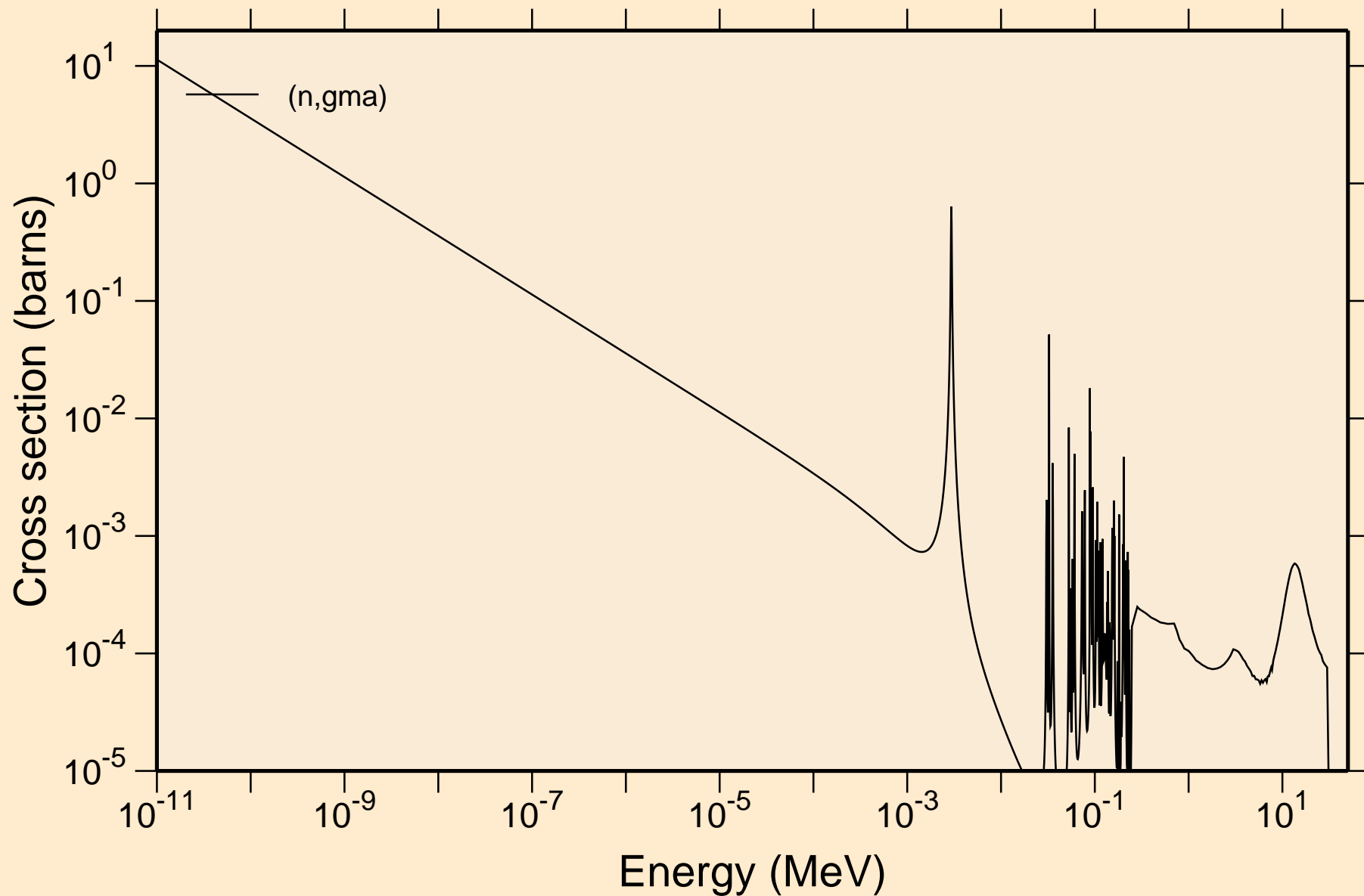
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Damage

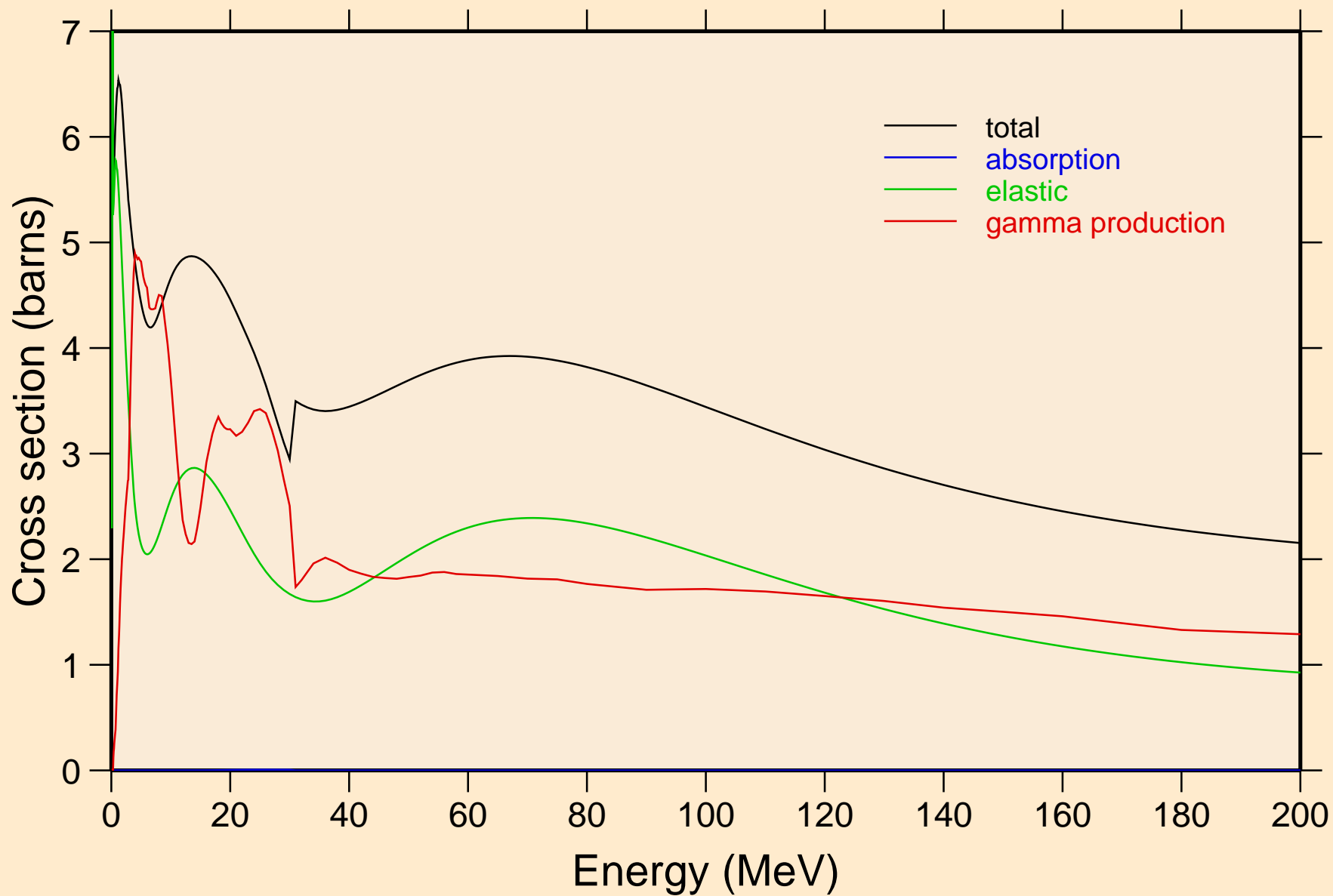


SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



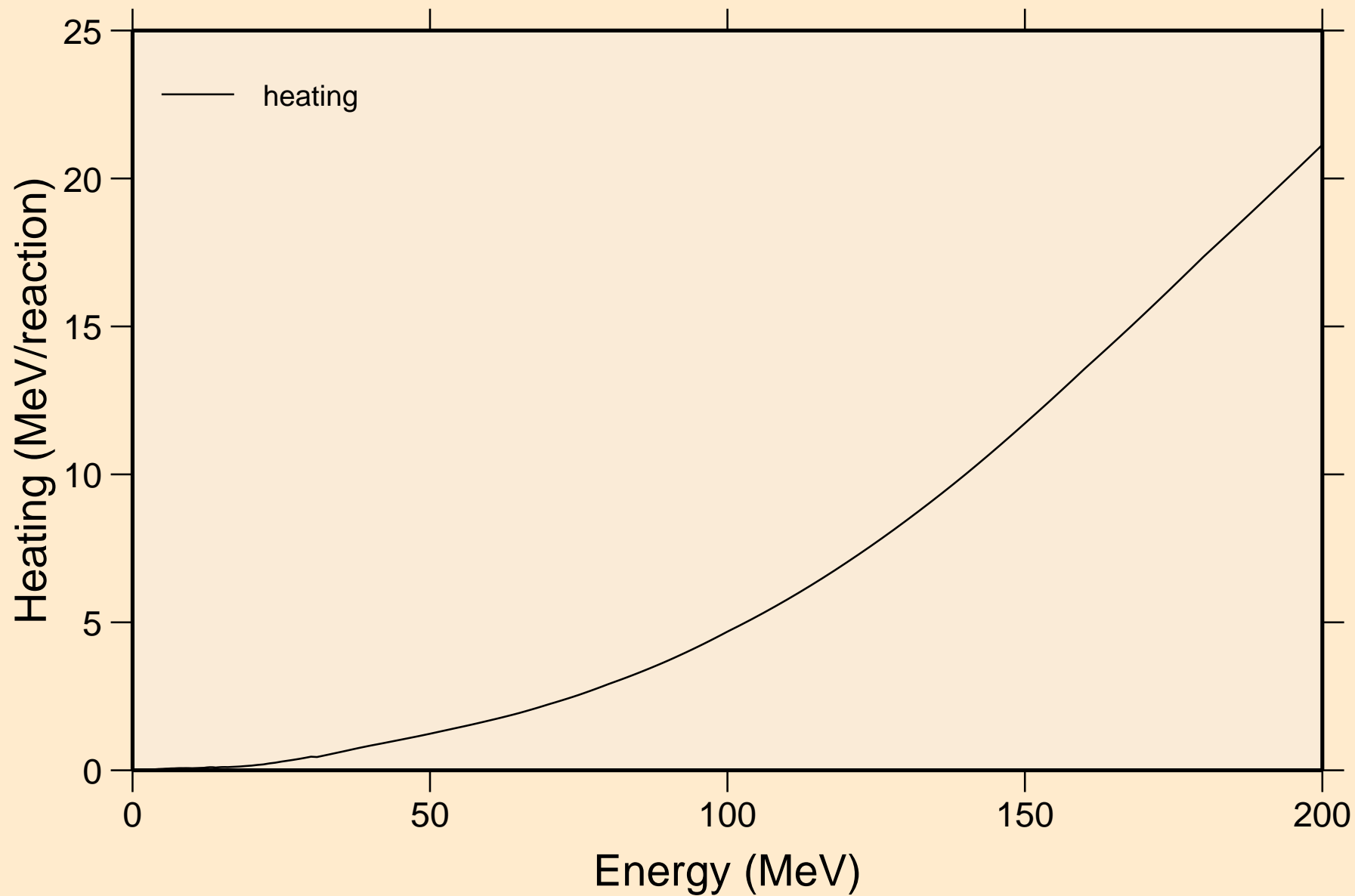
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## Principal cross sections



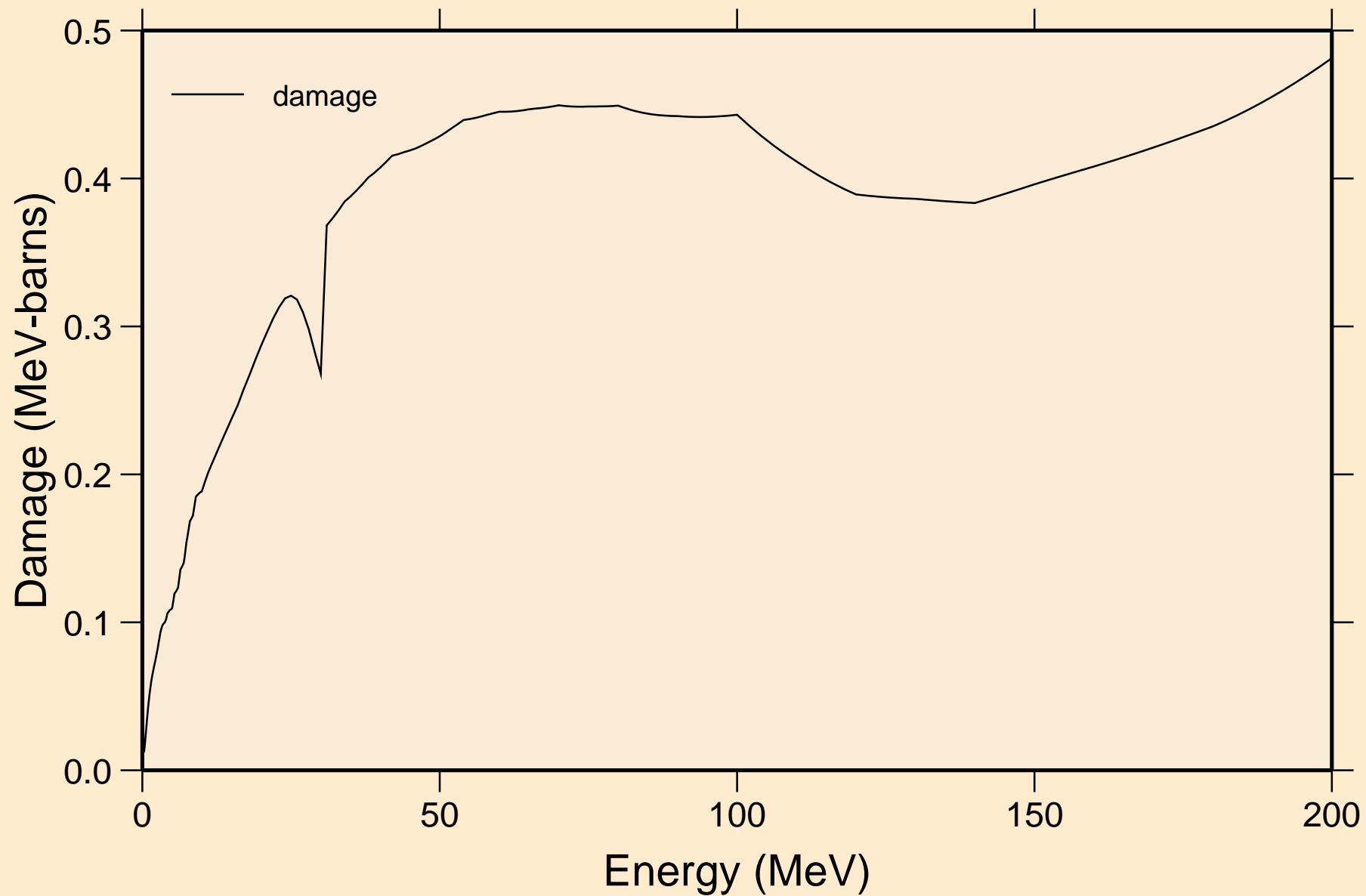
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## Heating

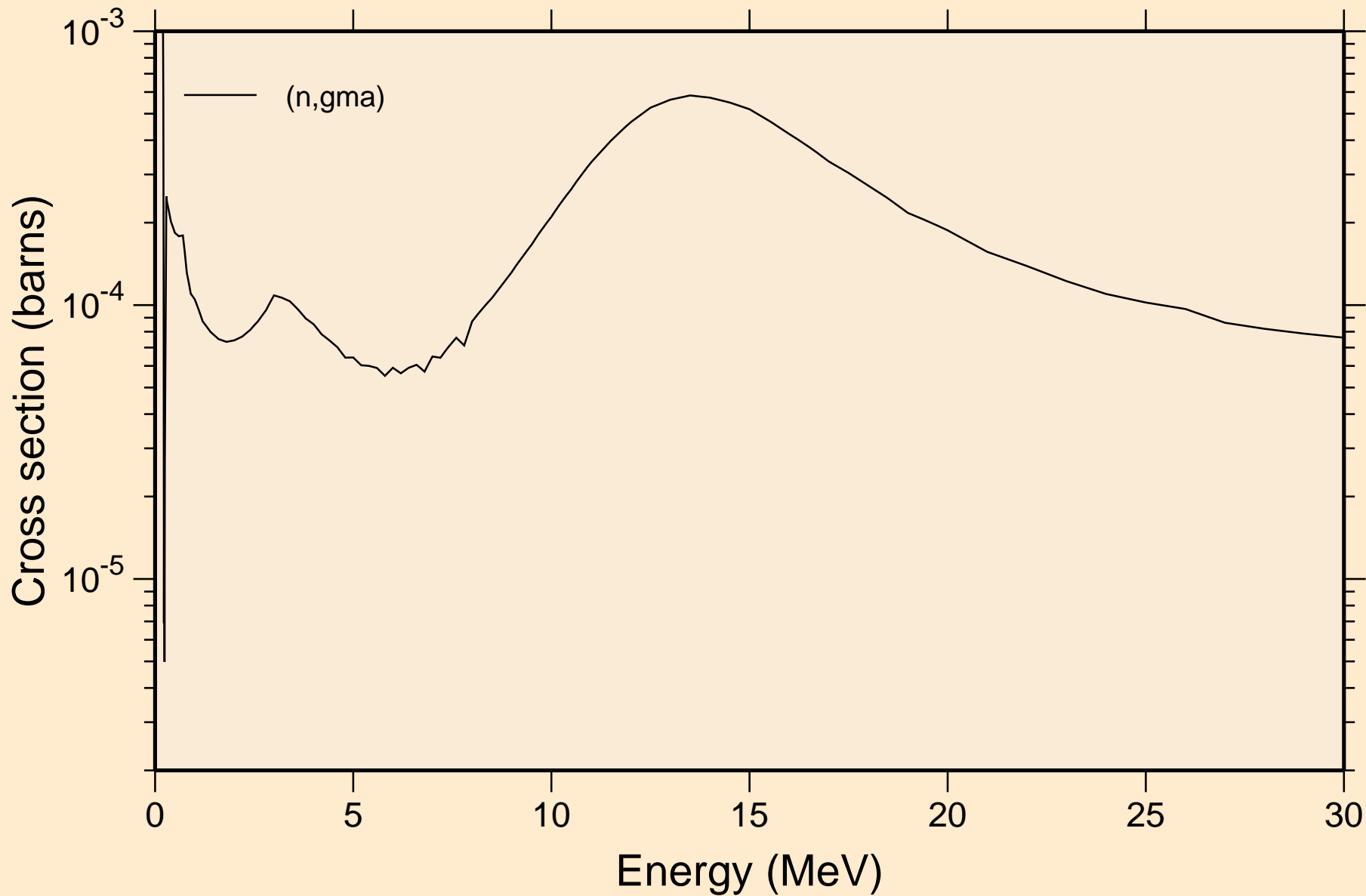


# SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



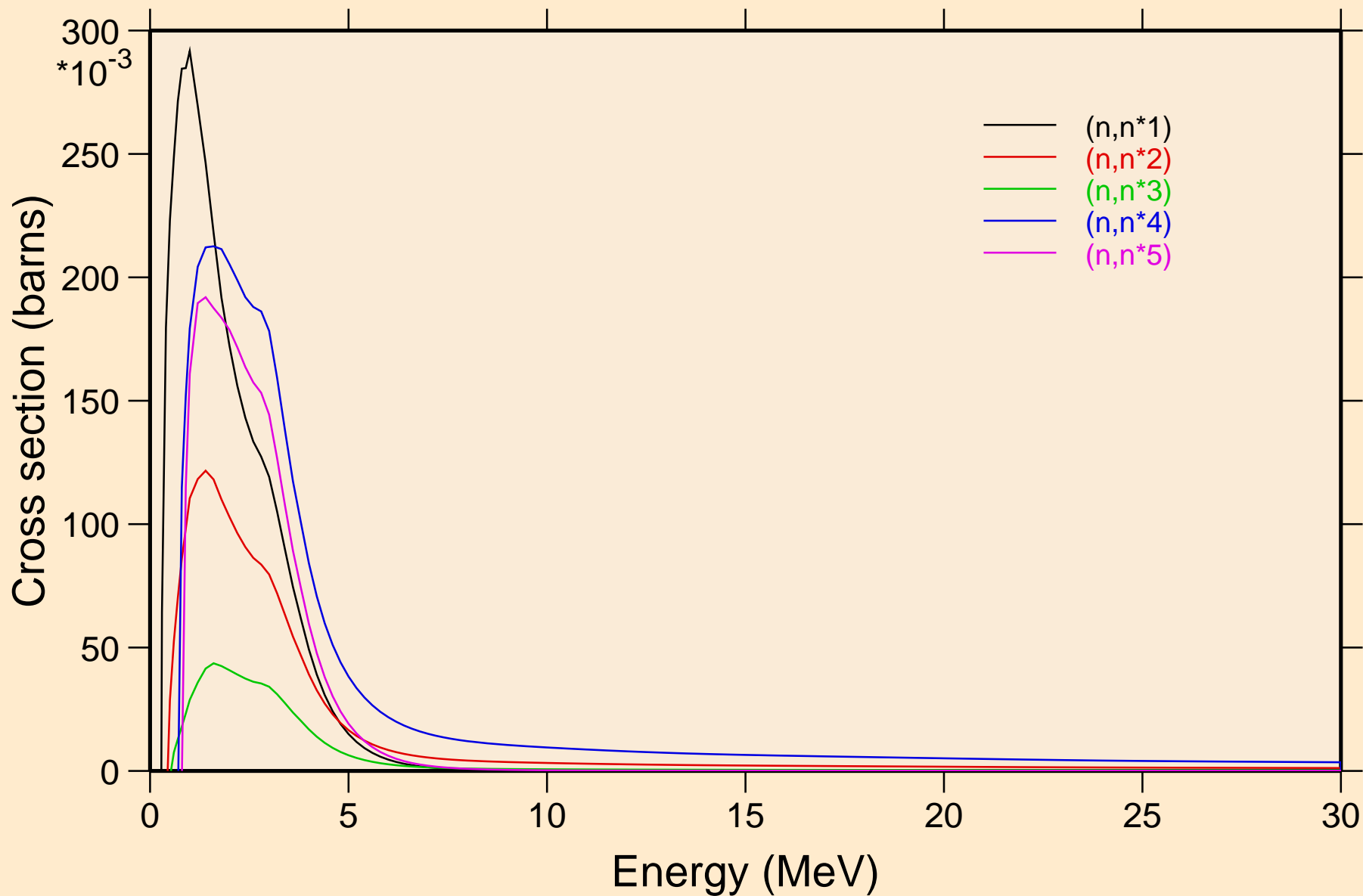
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions





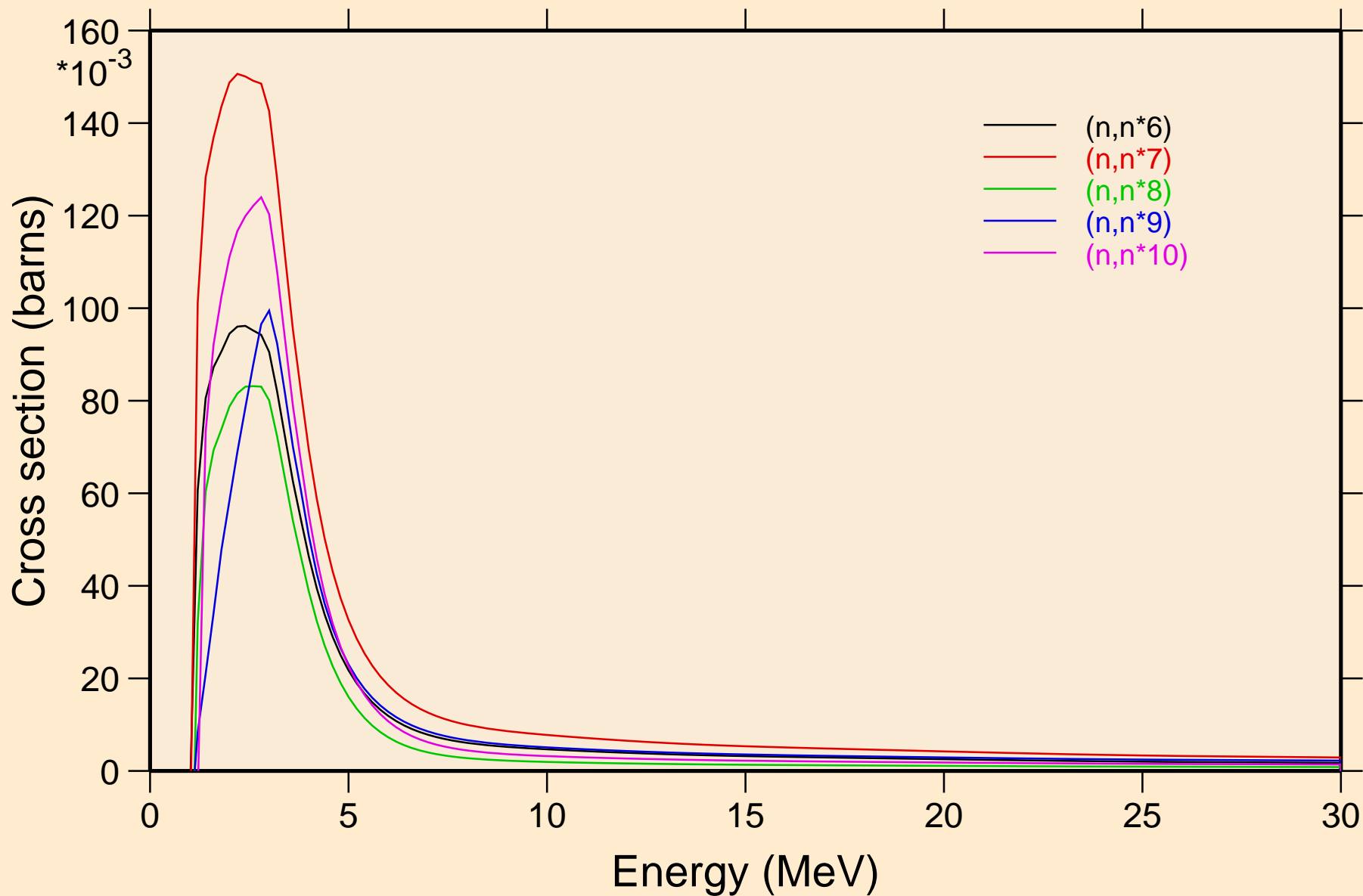
# SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Inelastic levels

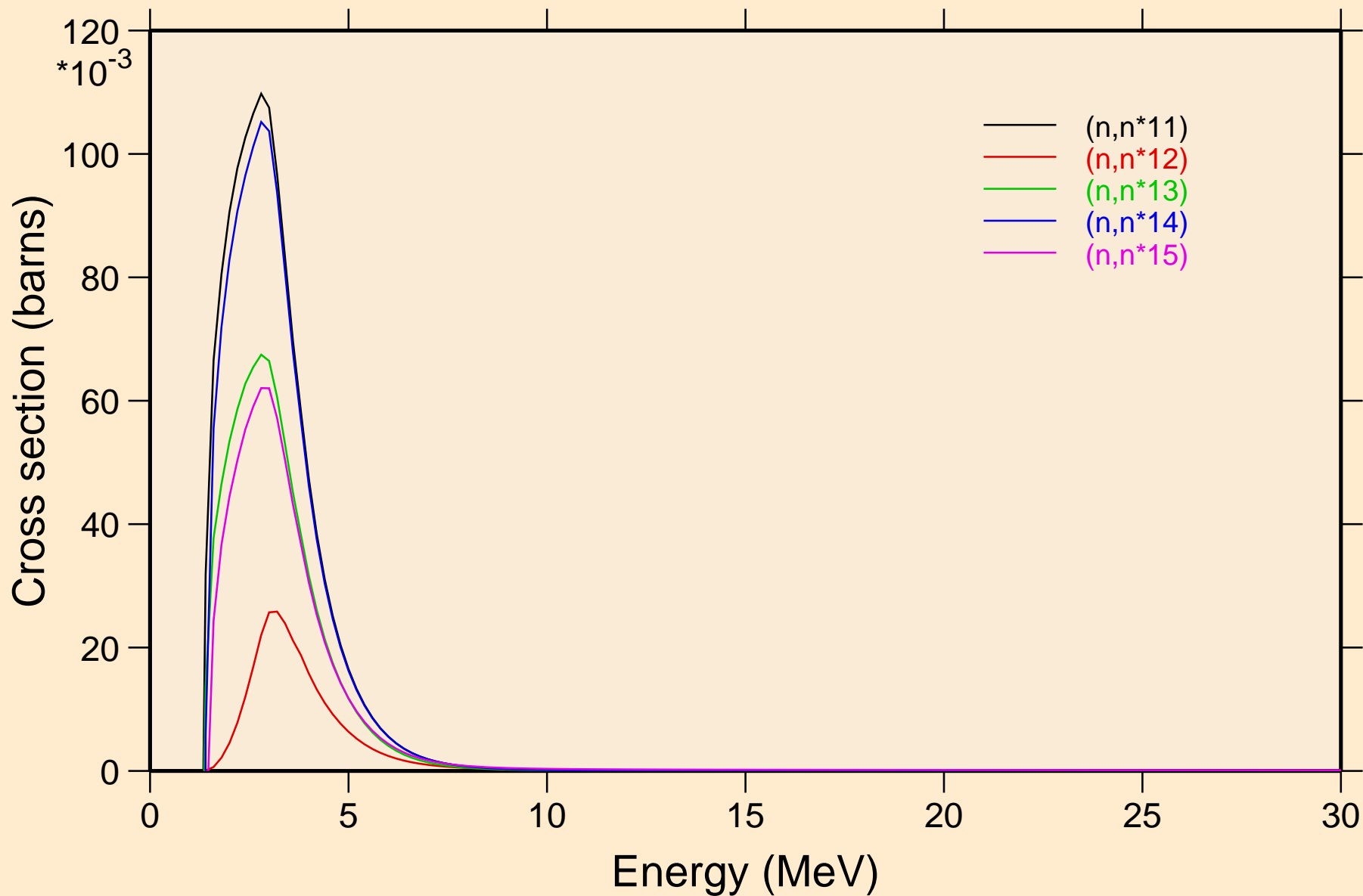


# SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

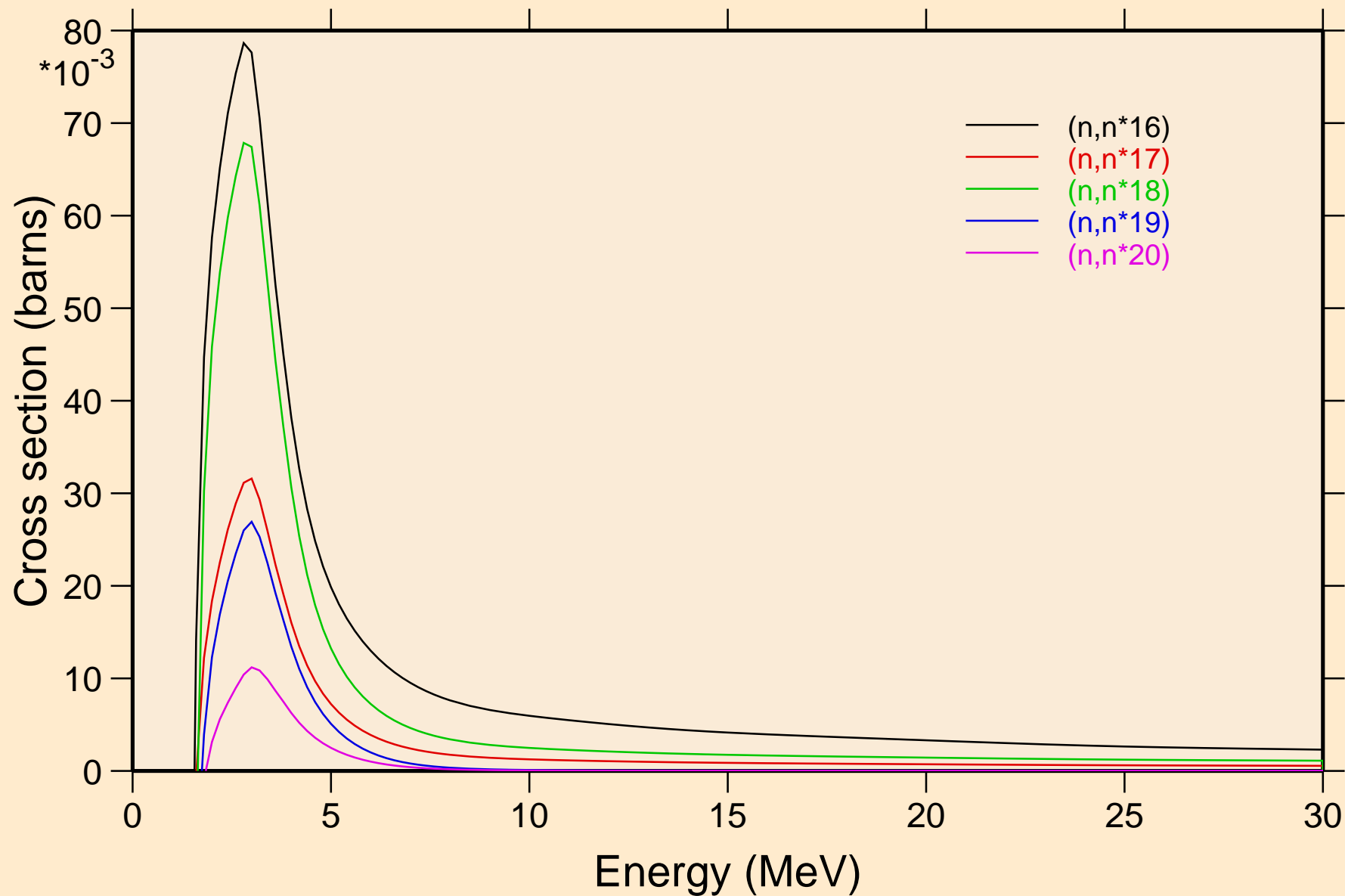
## Inelastic levels



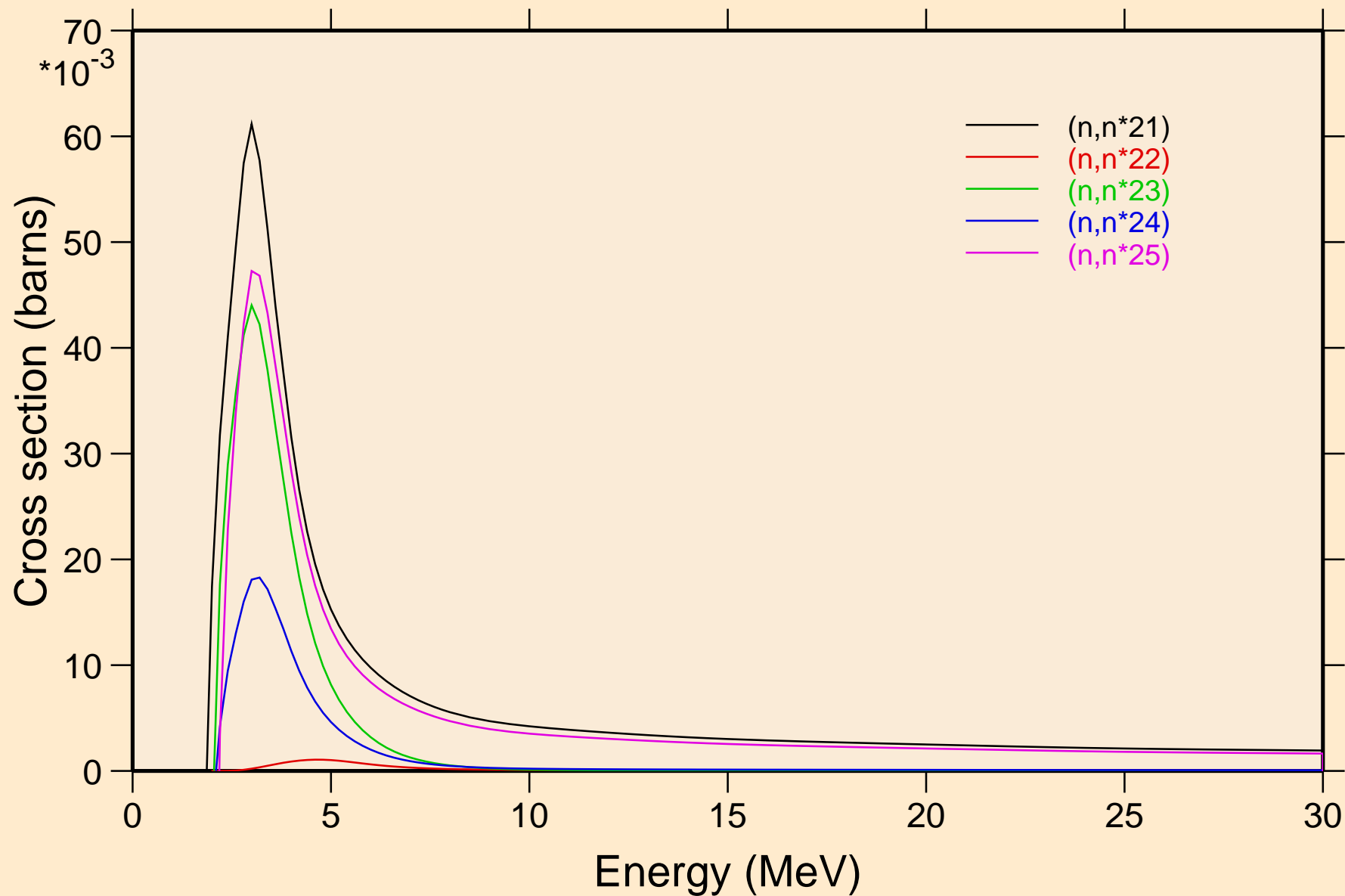
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



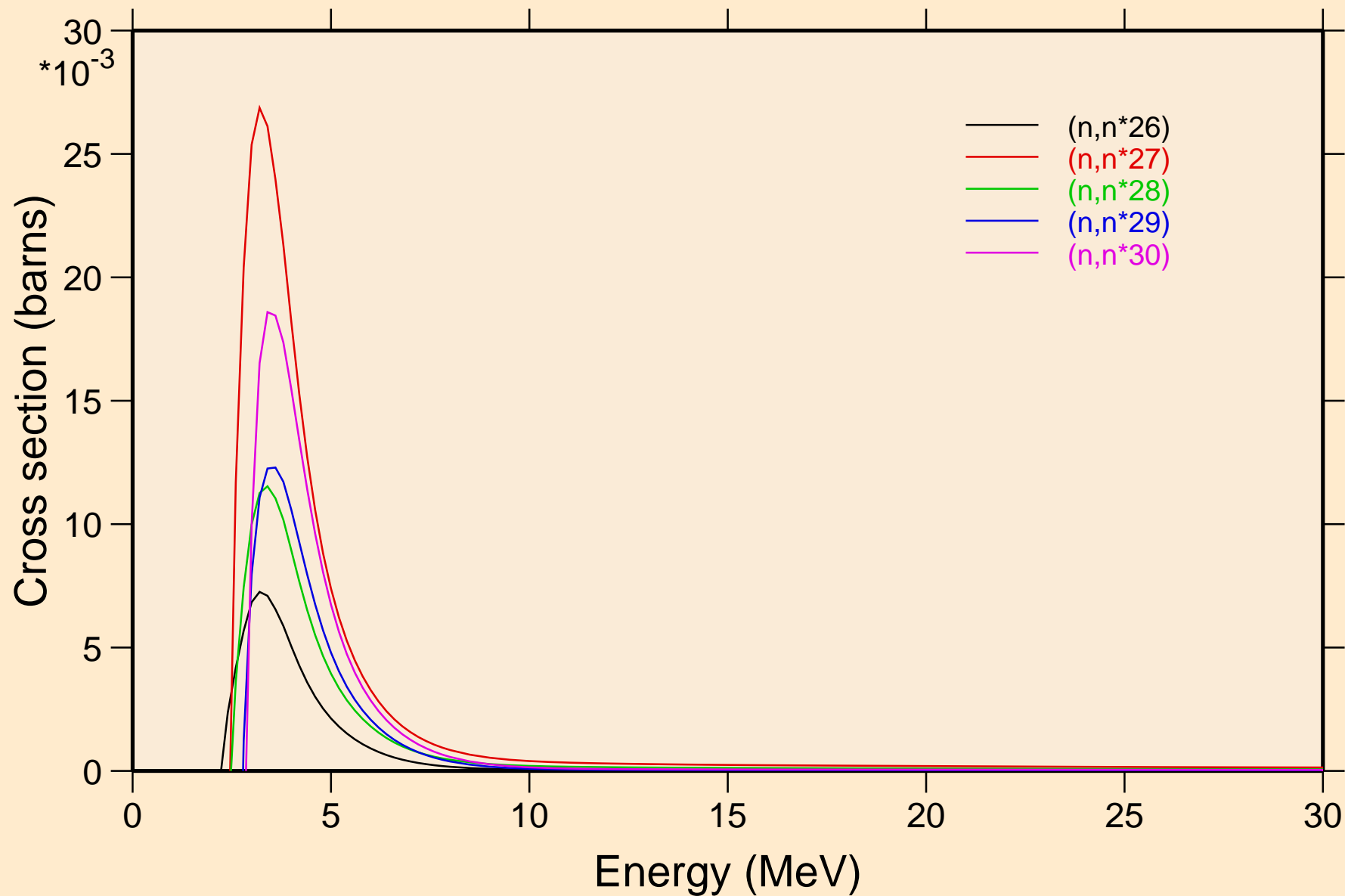
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

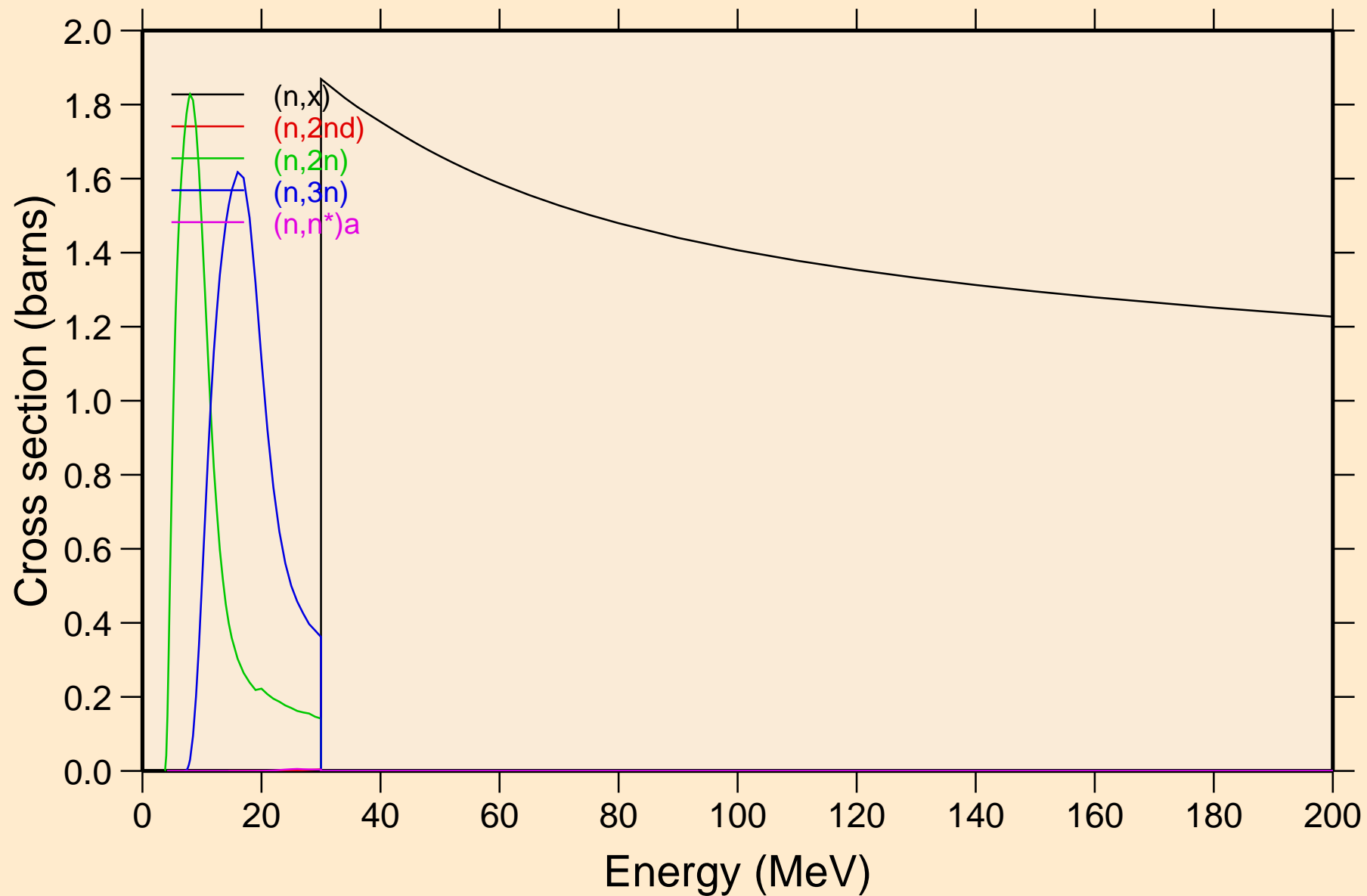


SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



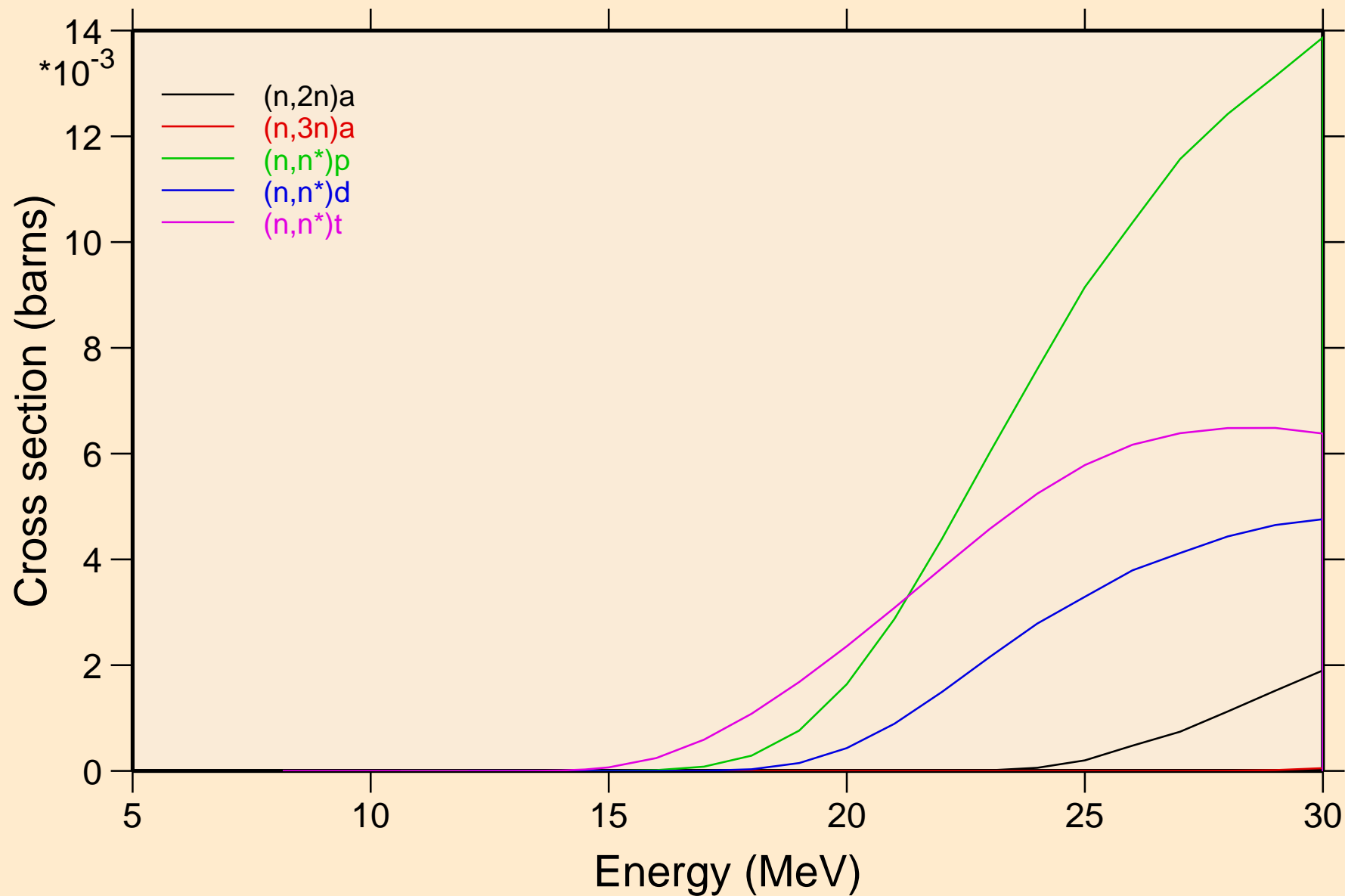
# SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

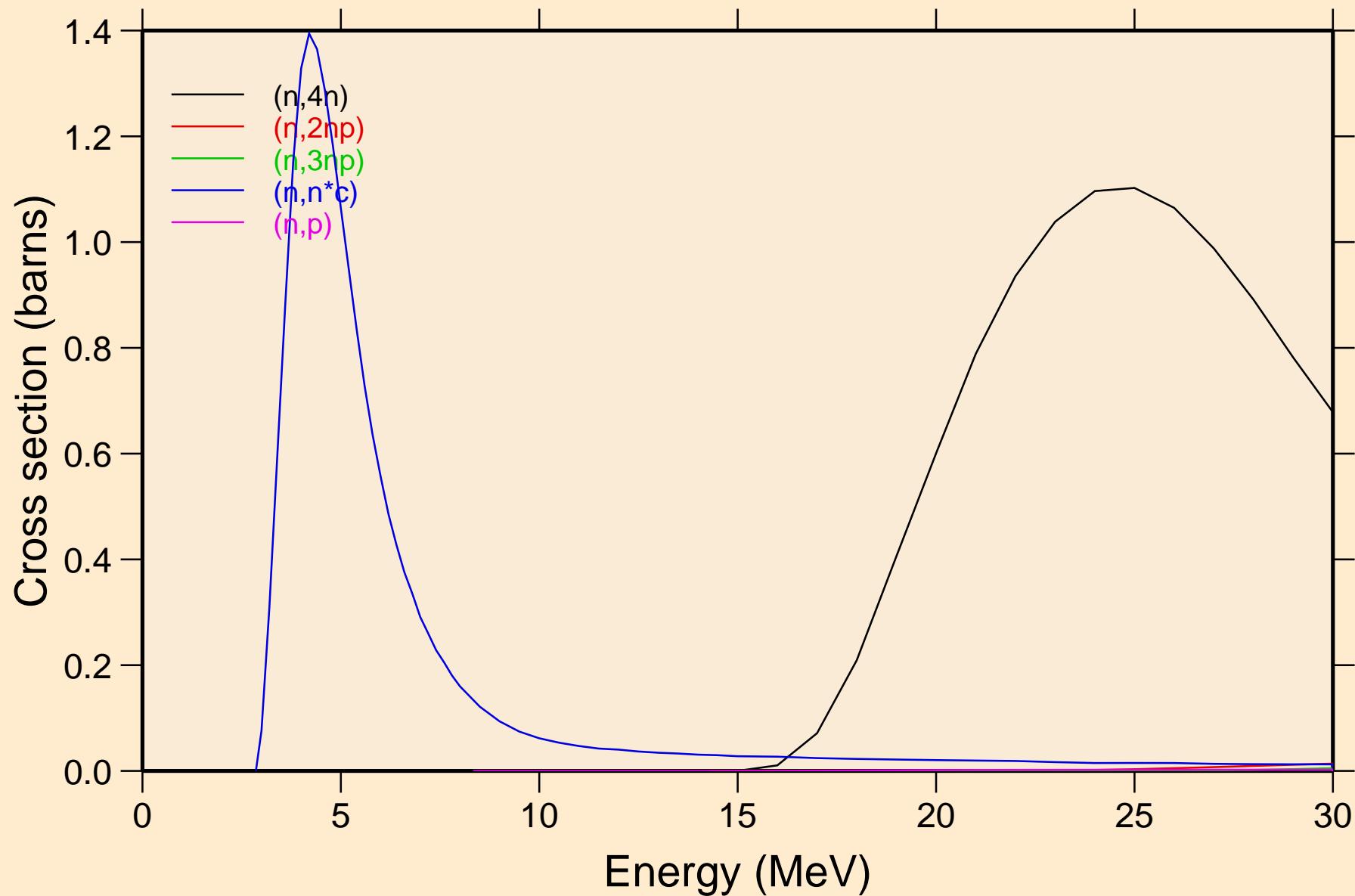
## Threshold reactions





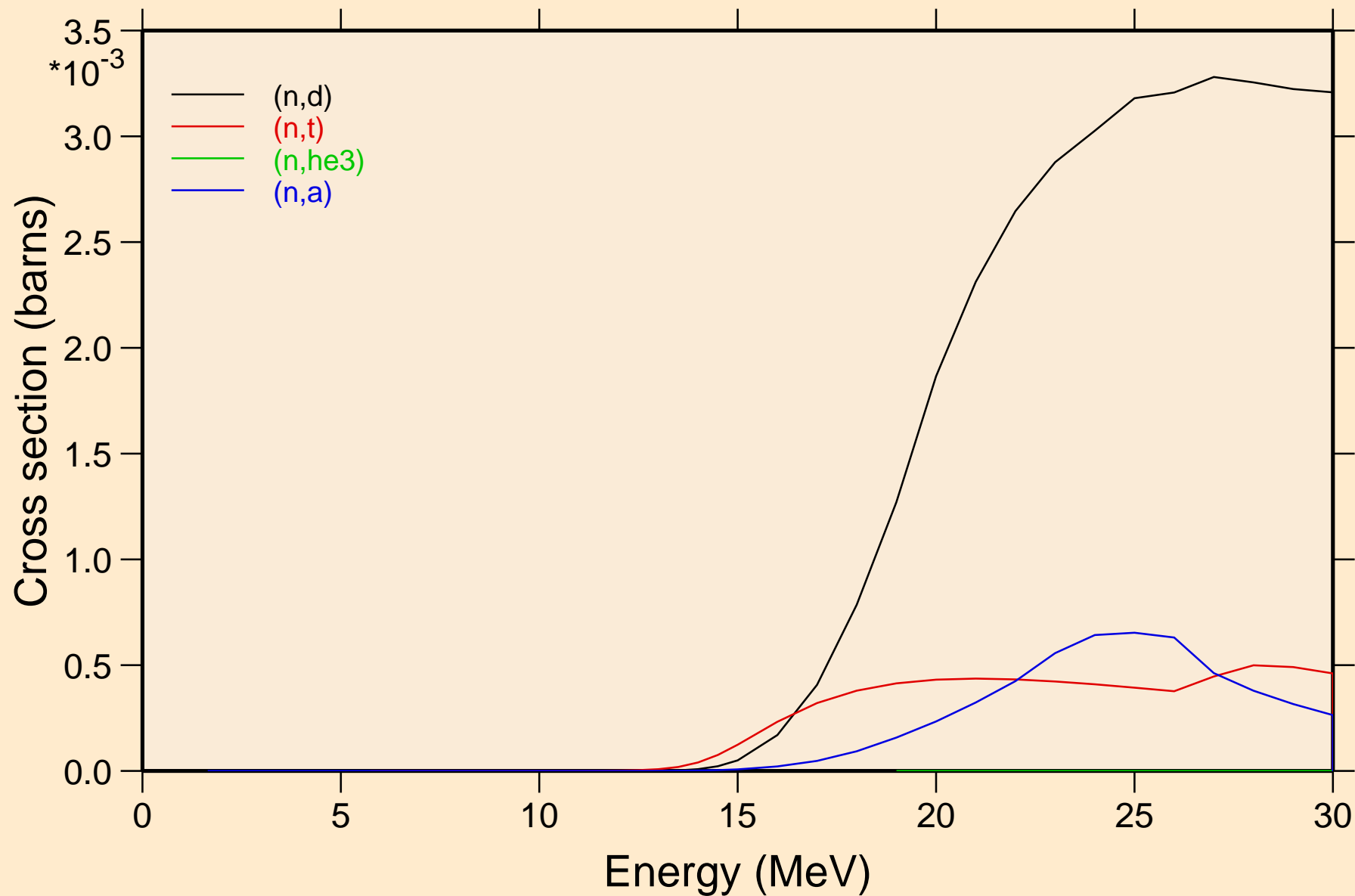
# SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



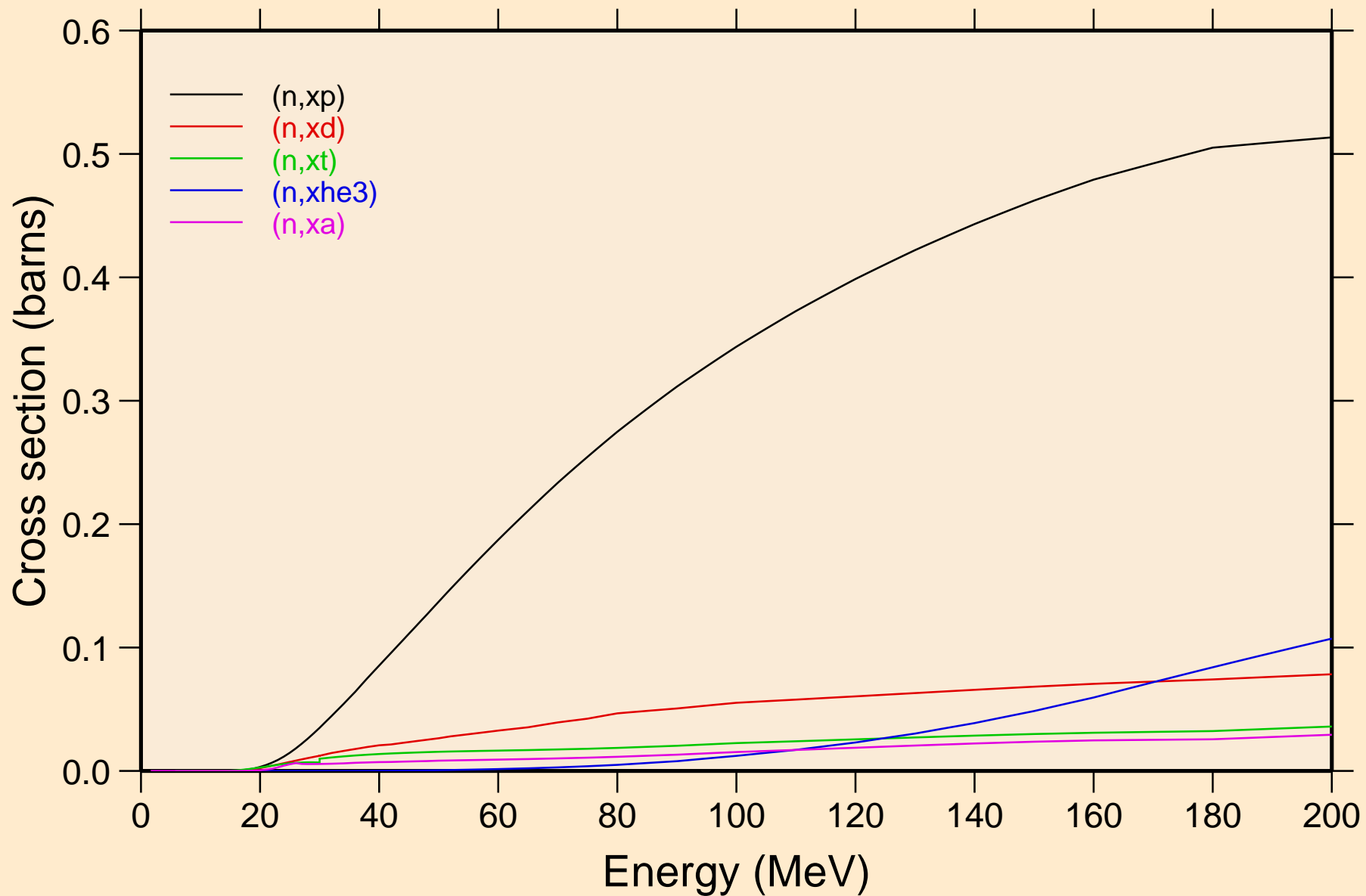
# SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

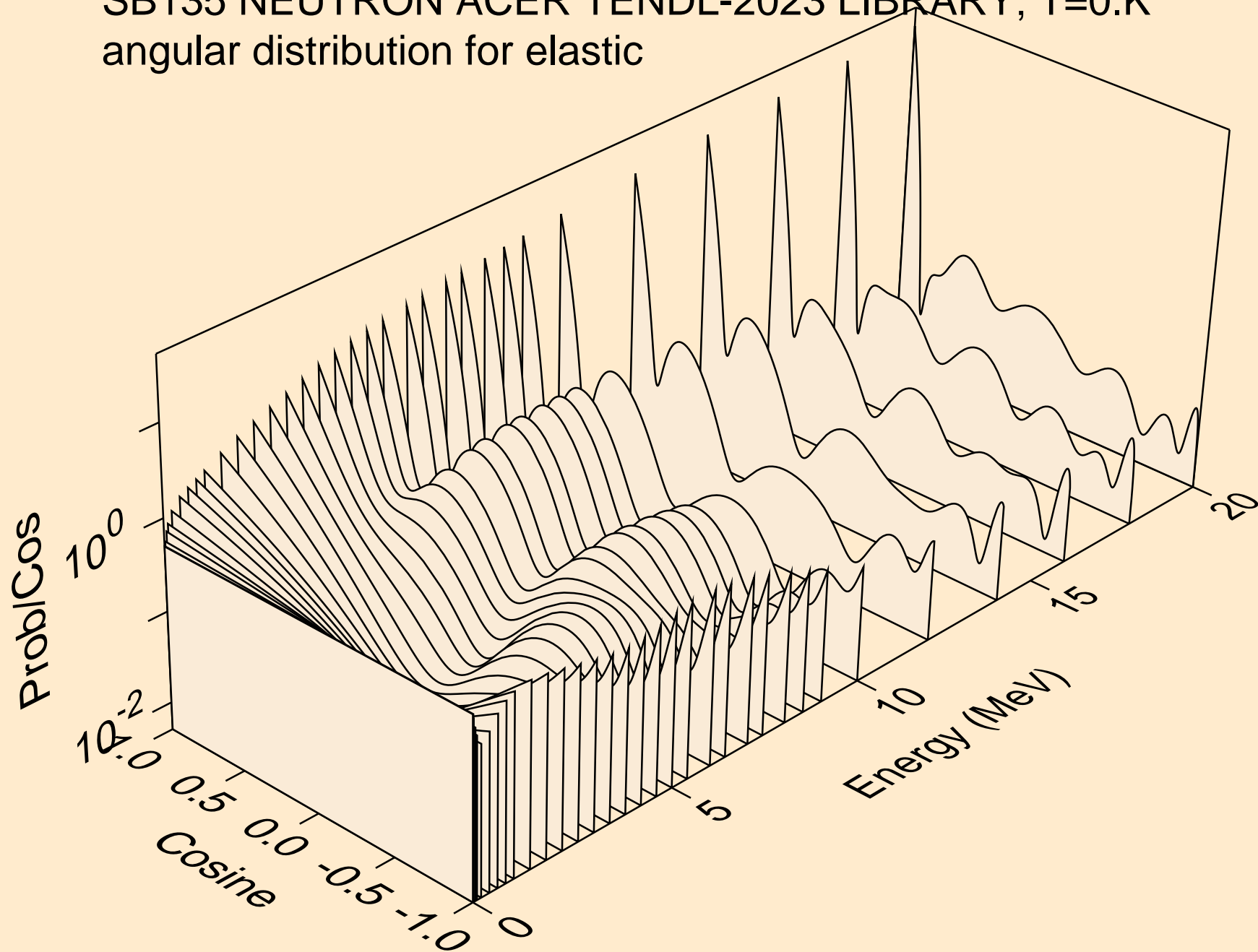


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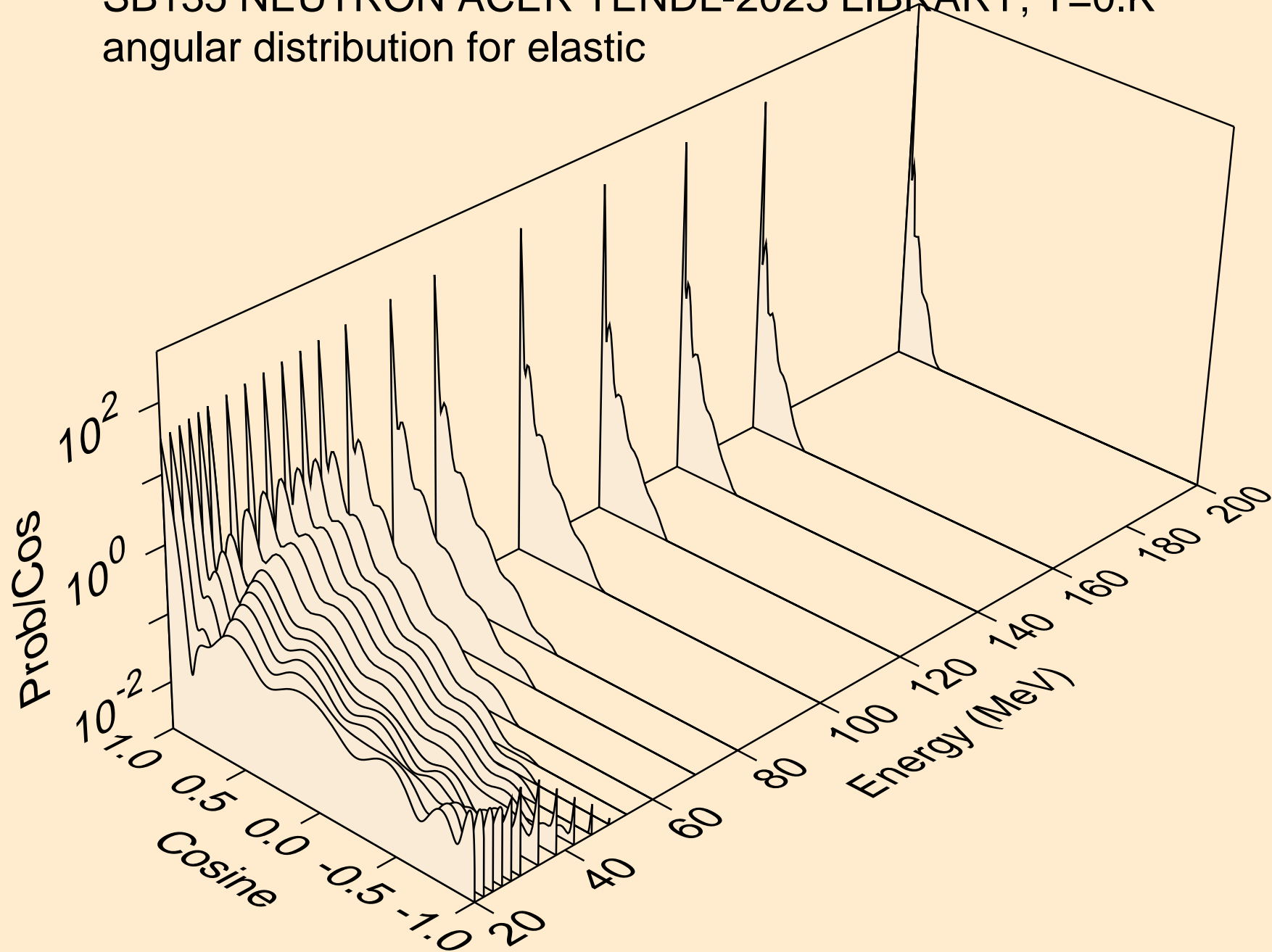
## Threshold reactions



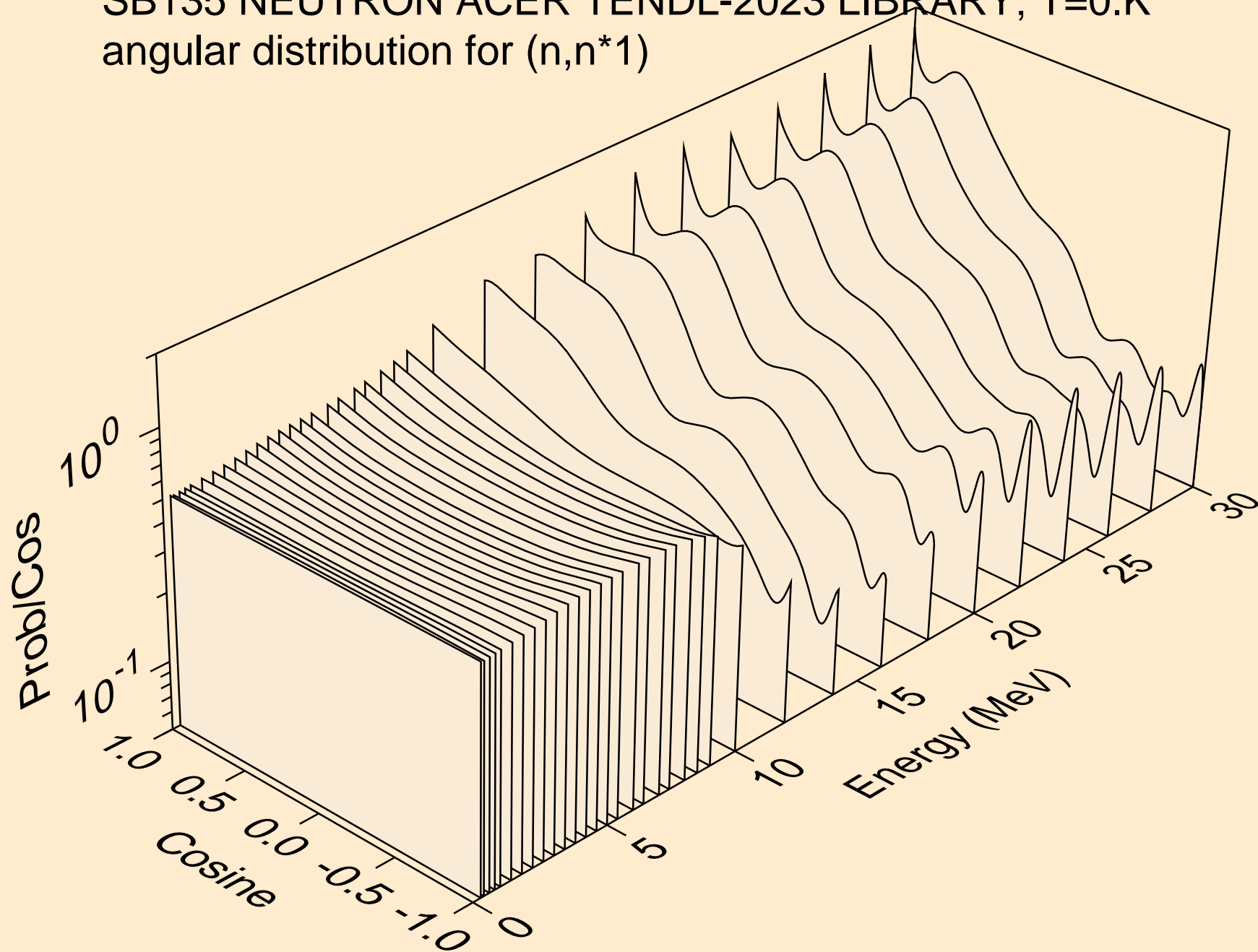
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



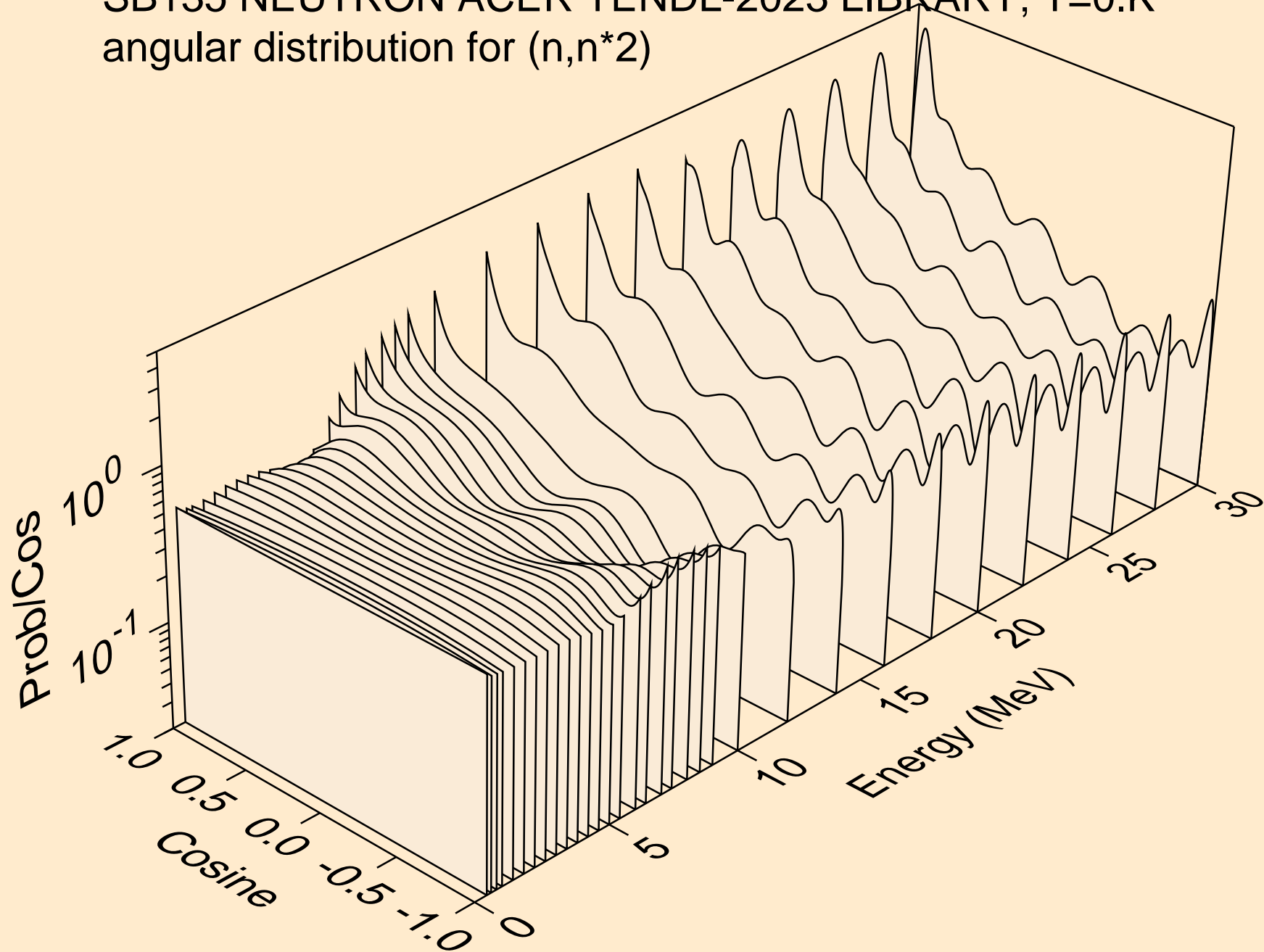
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



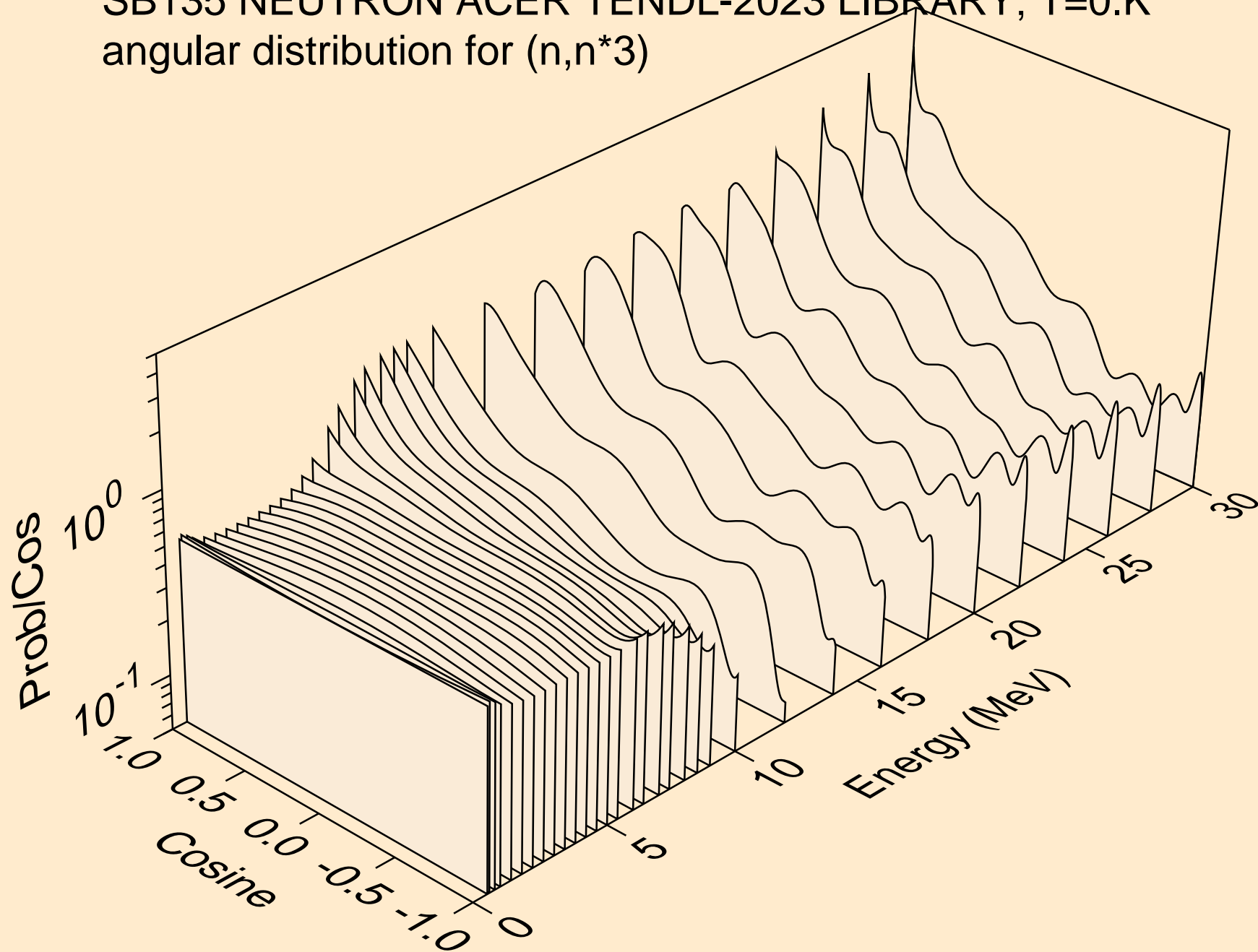
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

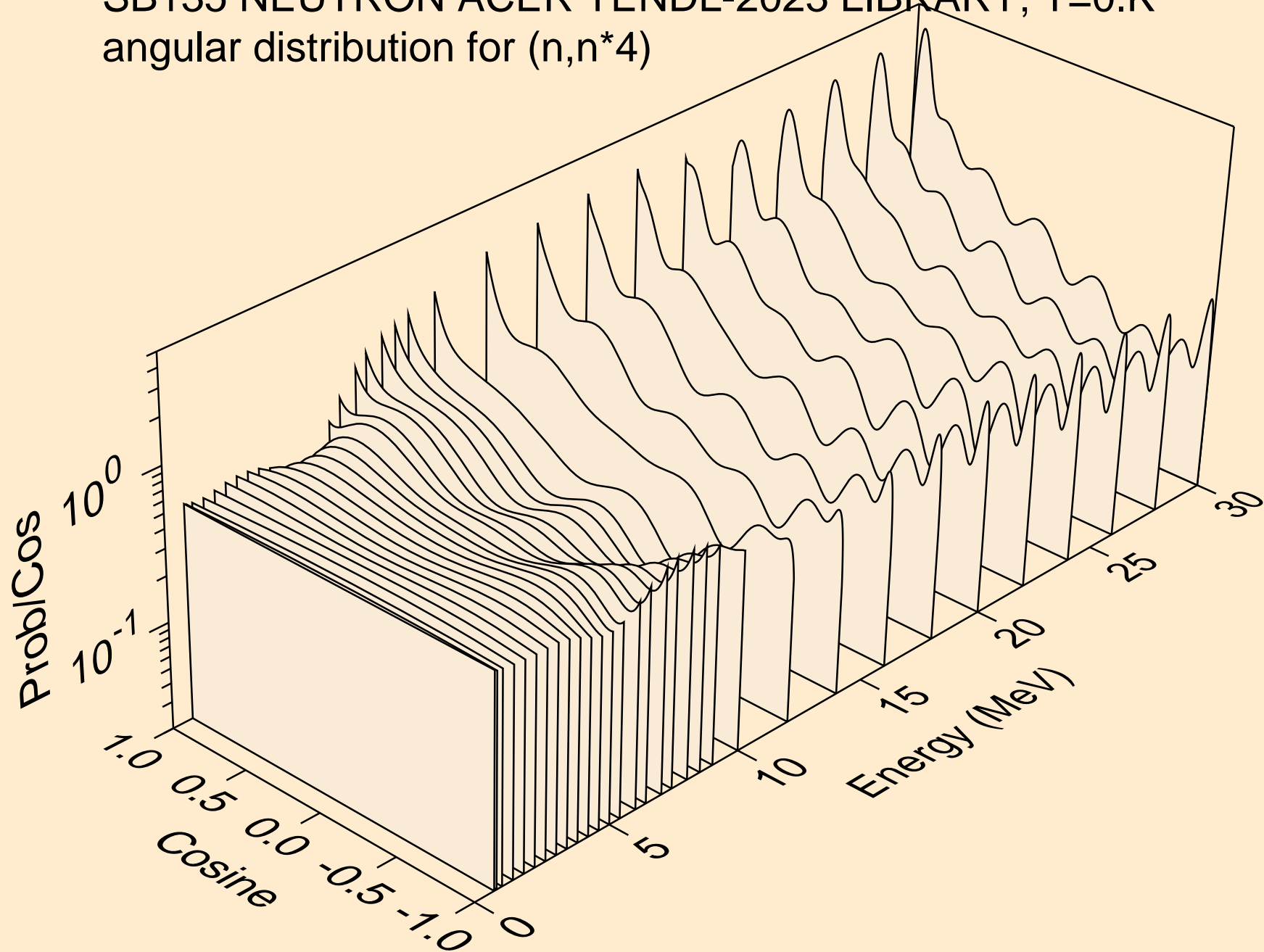


SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

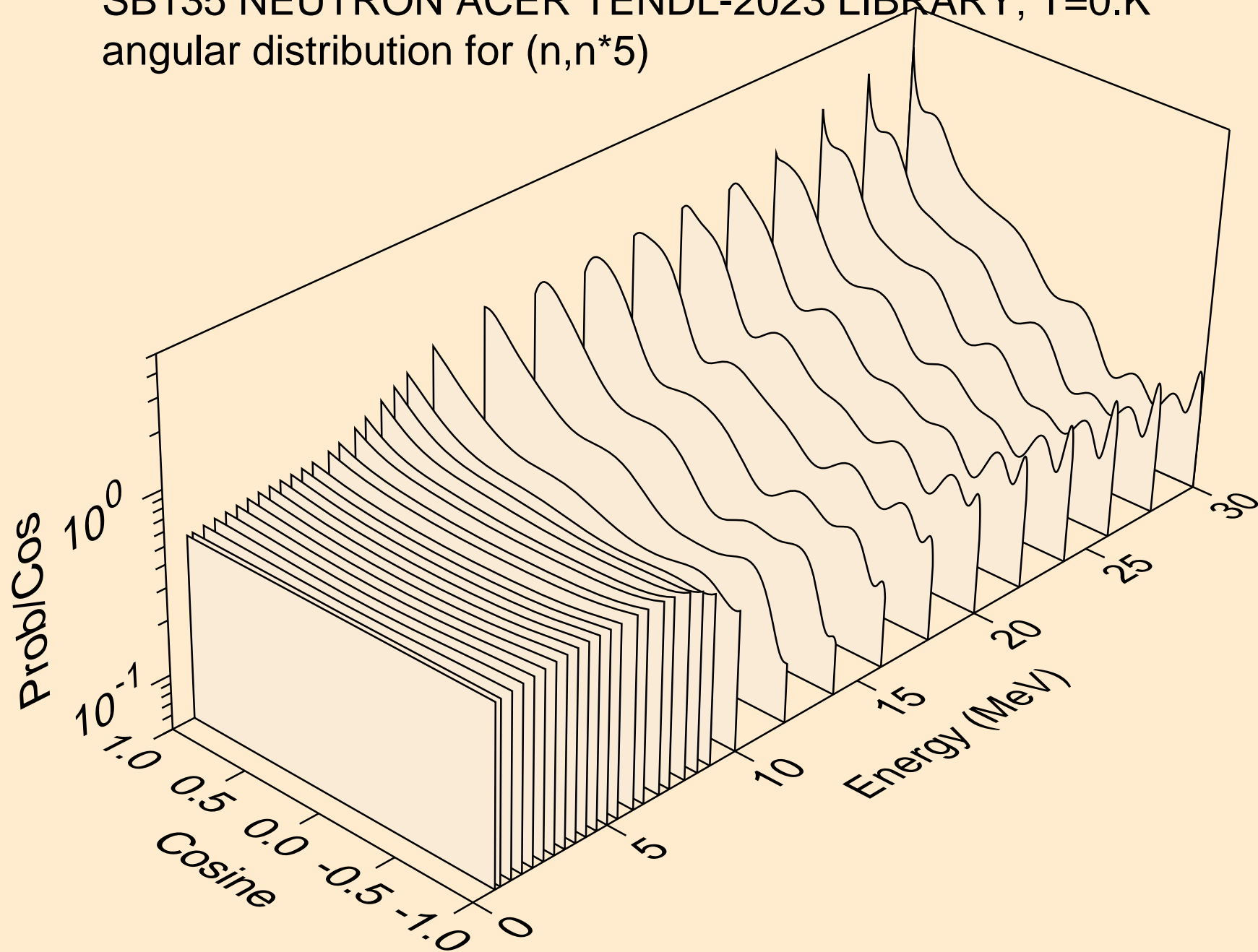




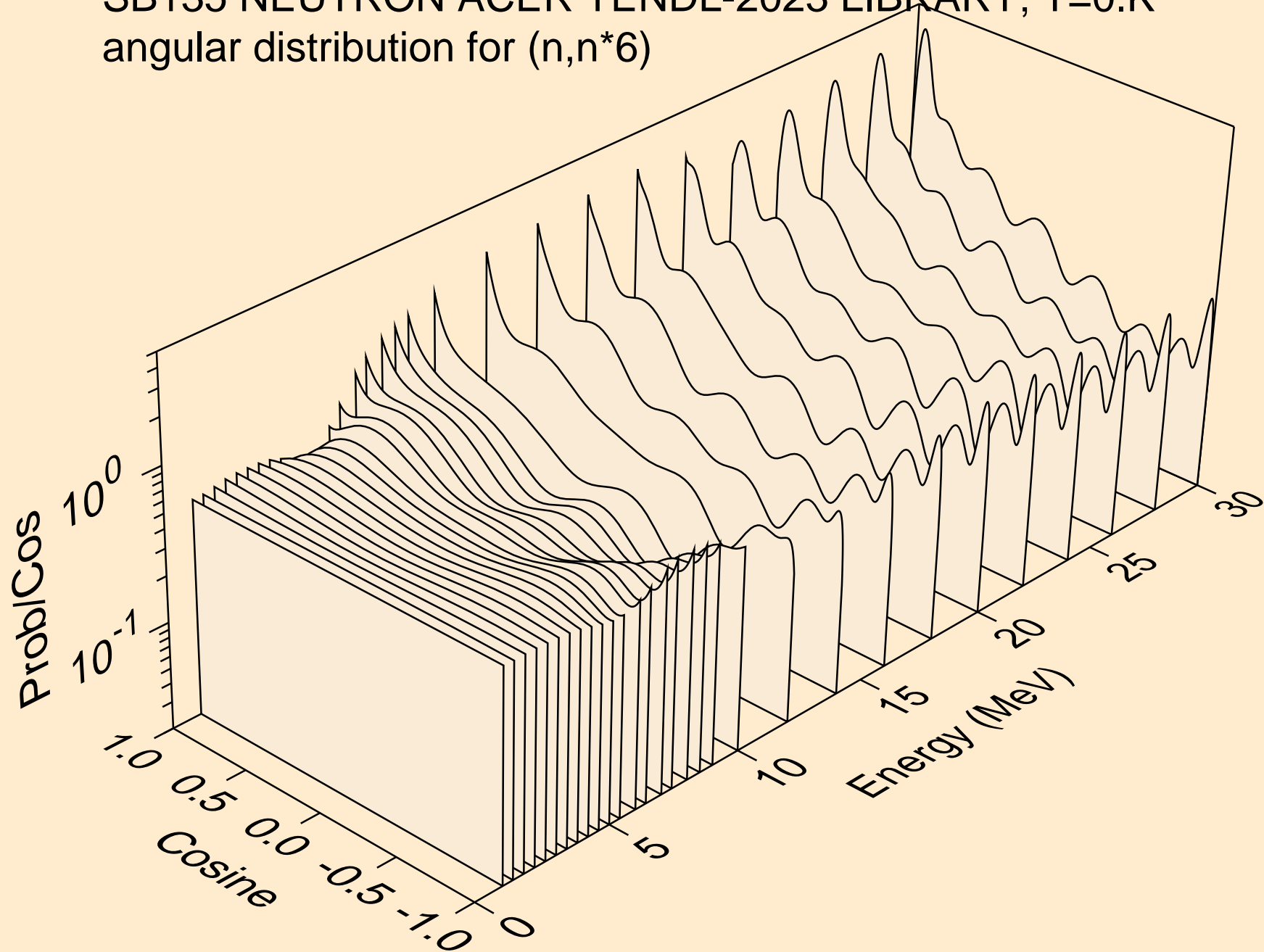
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angular distribution for (n,n\*4)



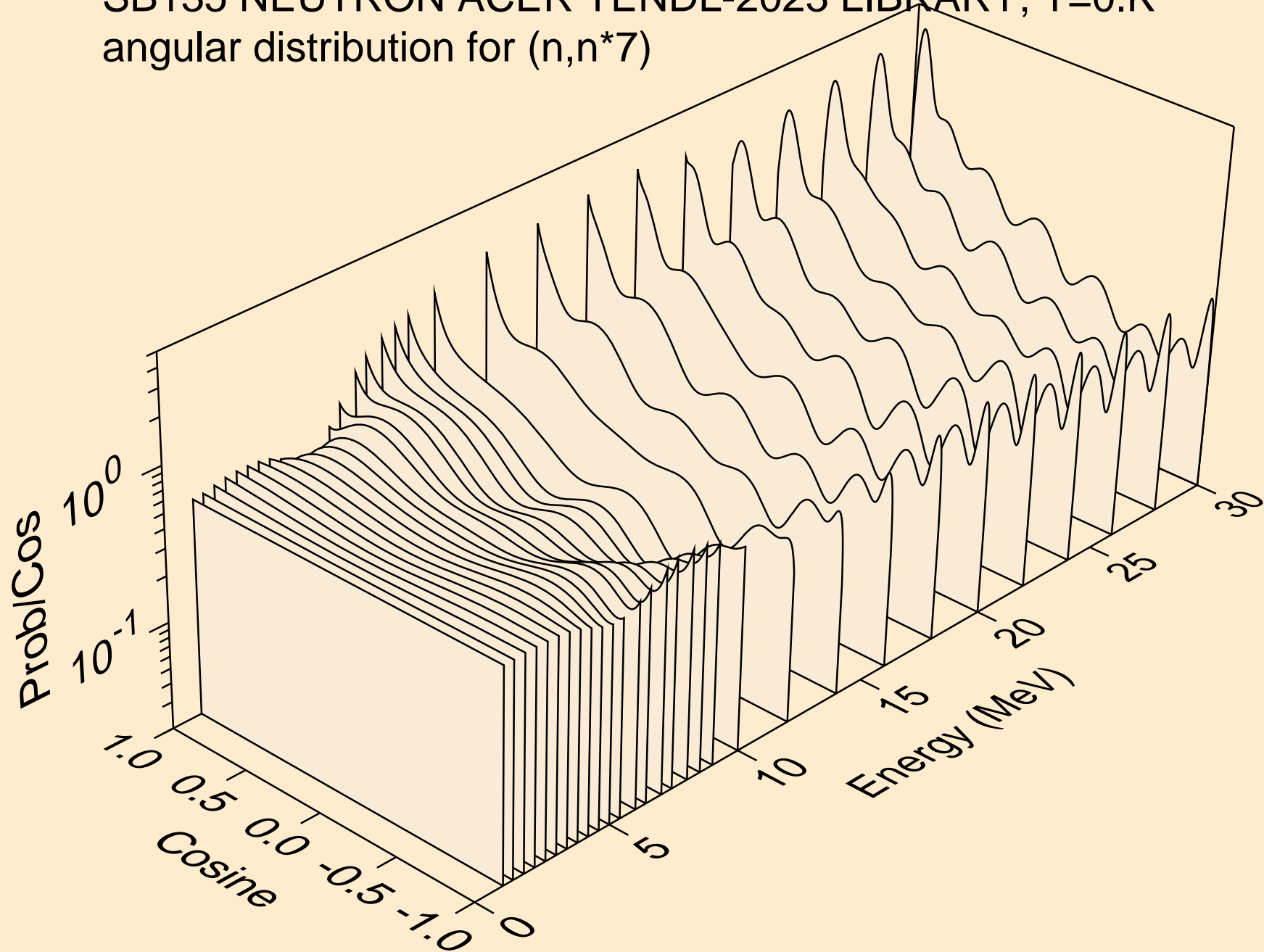
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angular distribution for (n,n\*5)



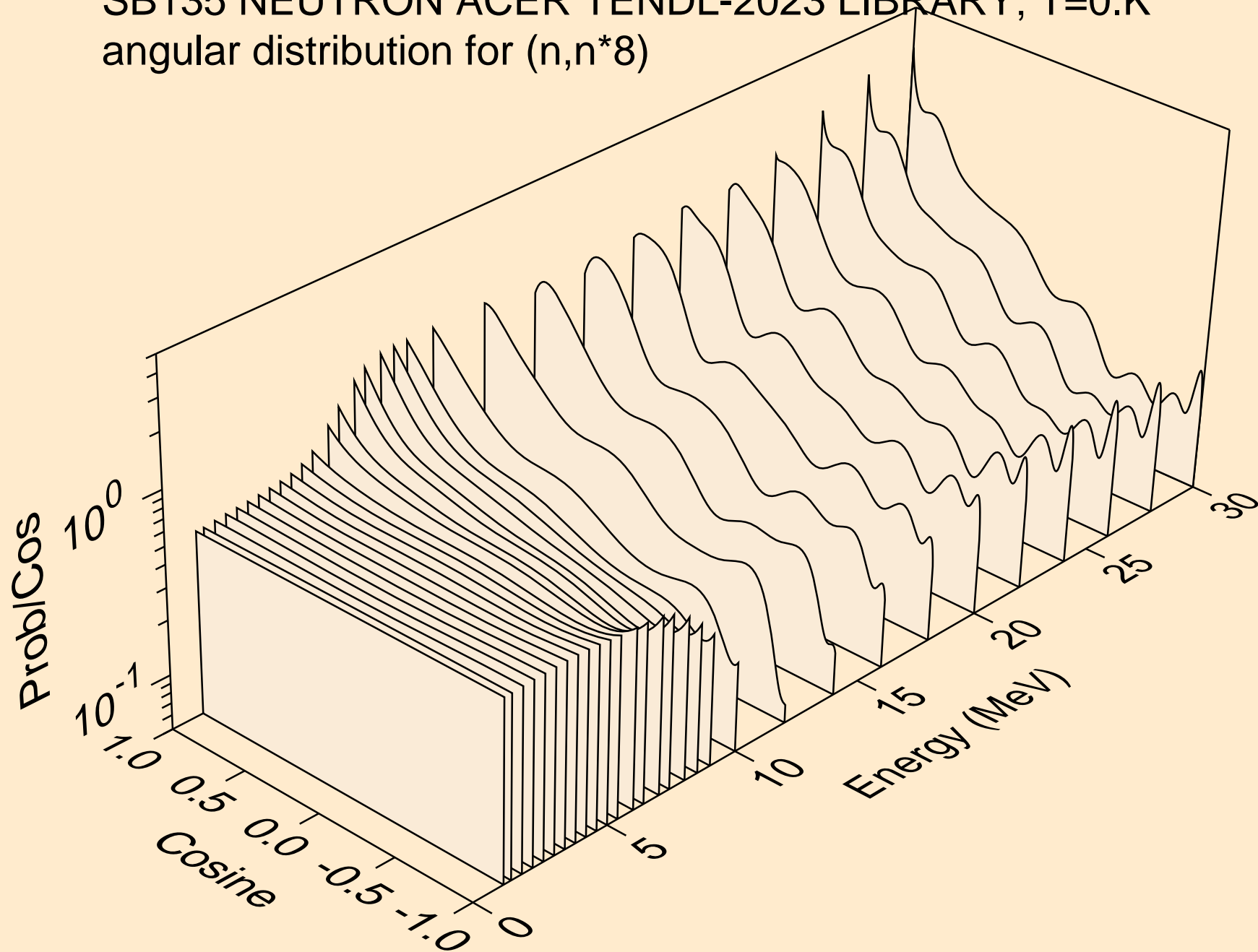
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angular distribution for (n,n\*6)



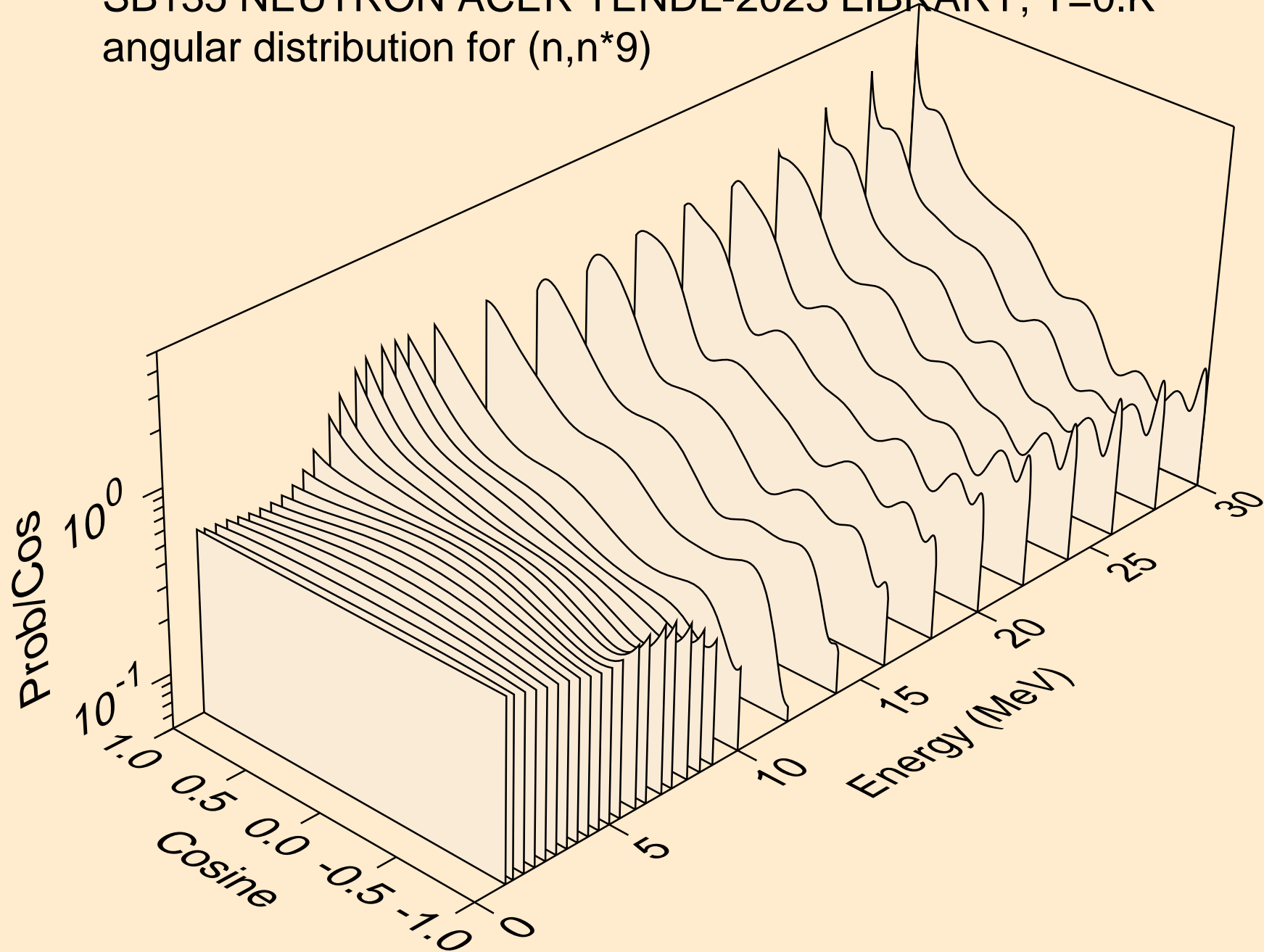
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angular distribution for (n,n\*7)



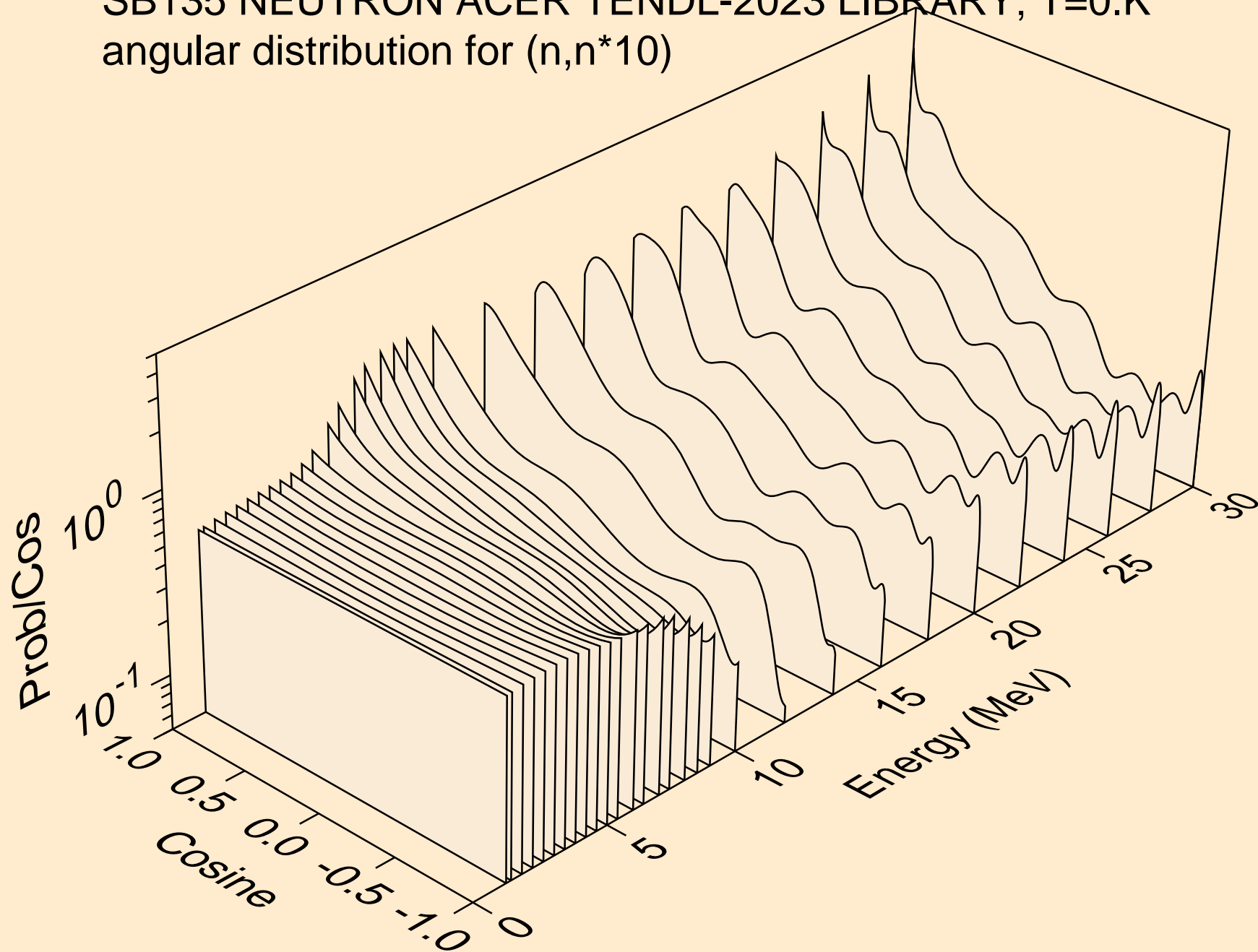
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angular distribution for (n,n\*8)



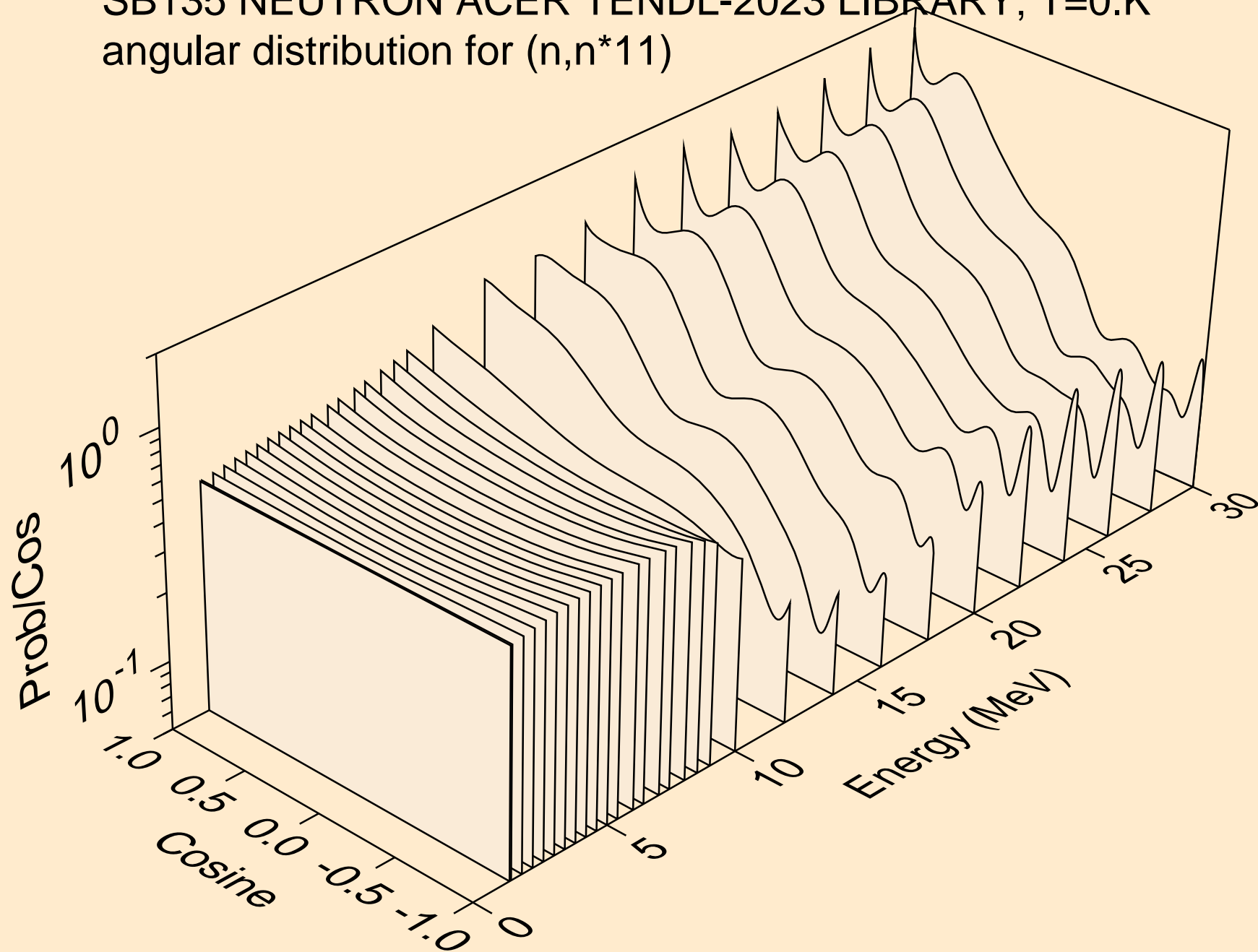
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

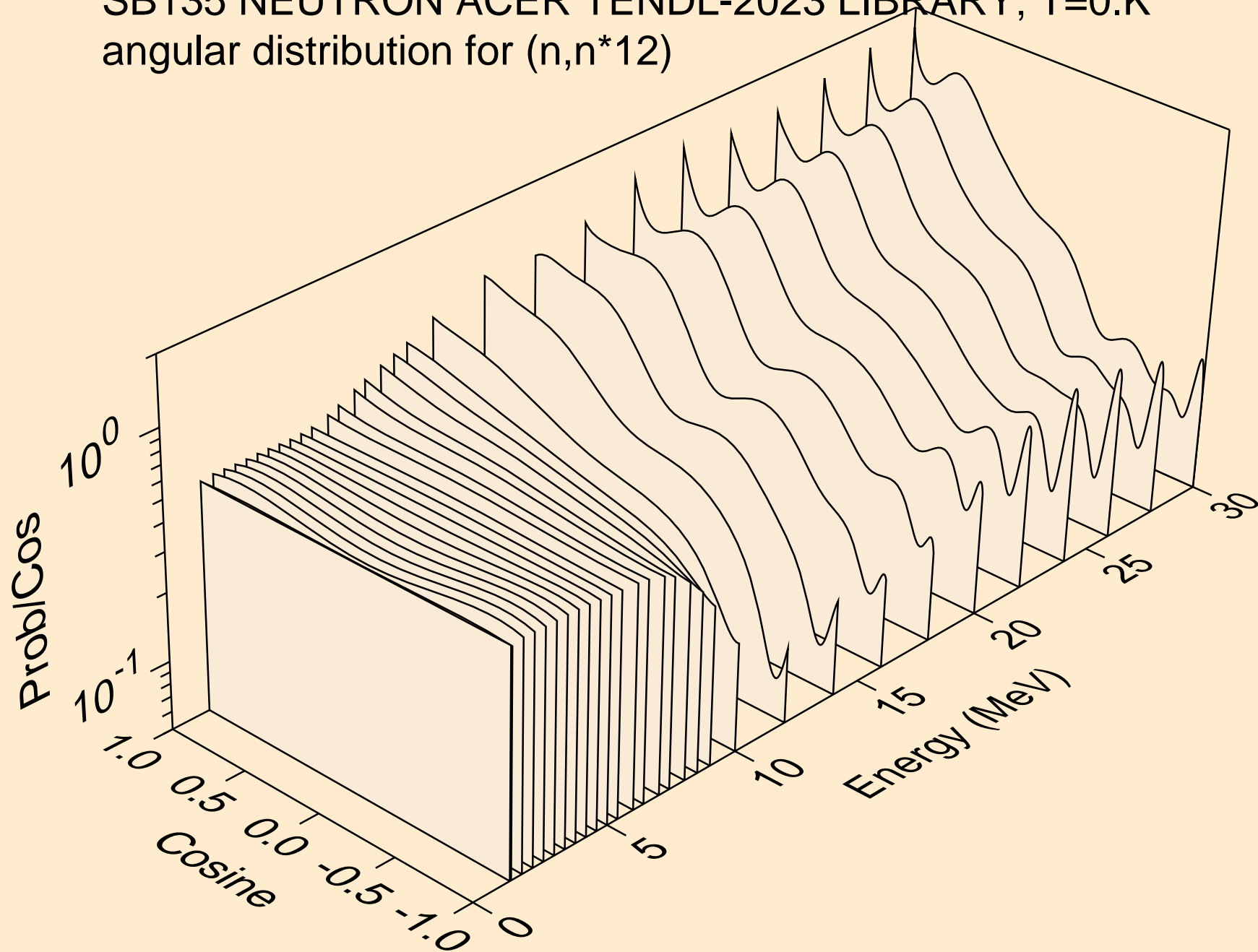


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angular distribution for (n,n\*11)

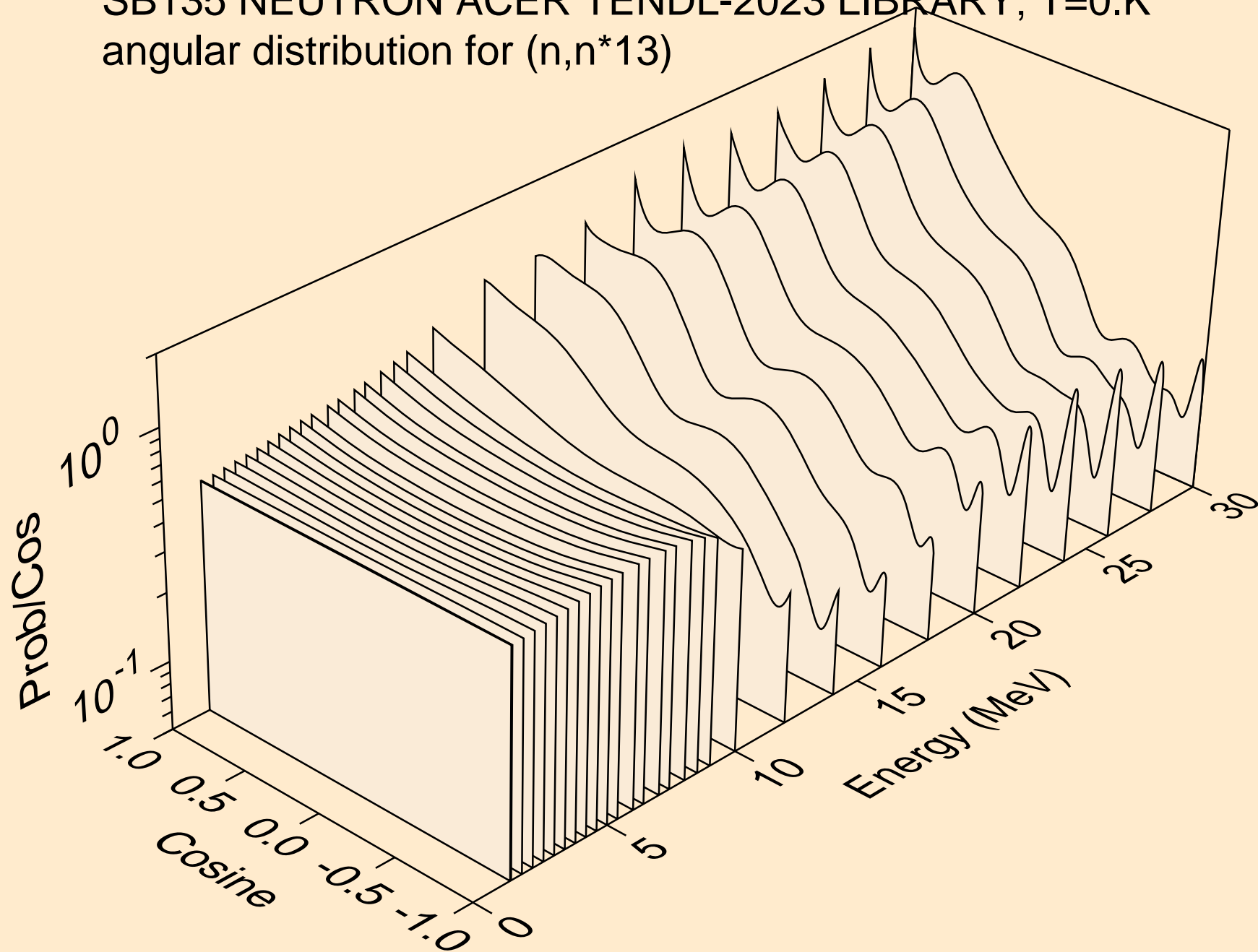




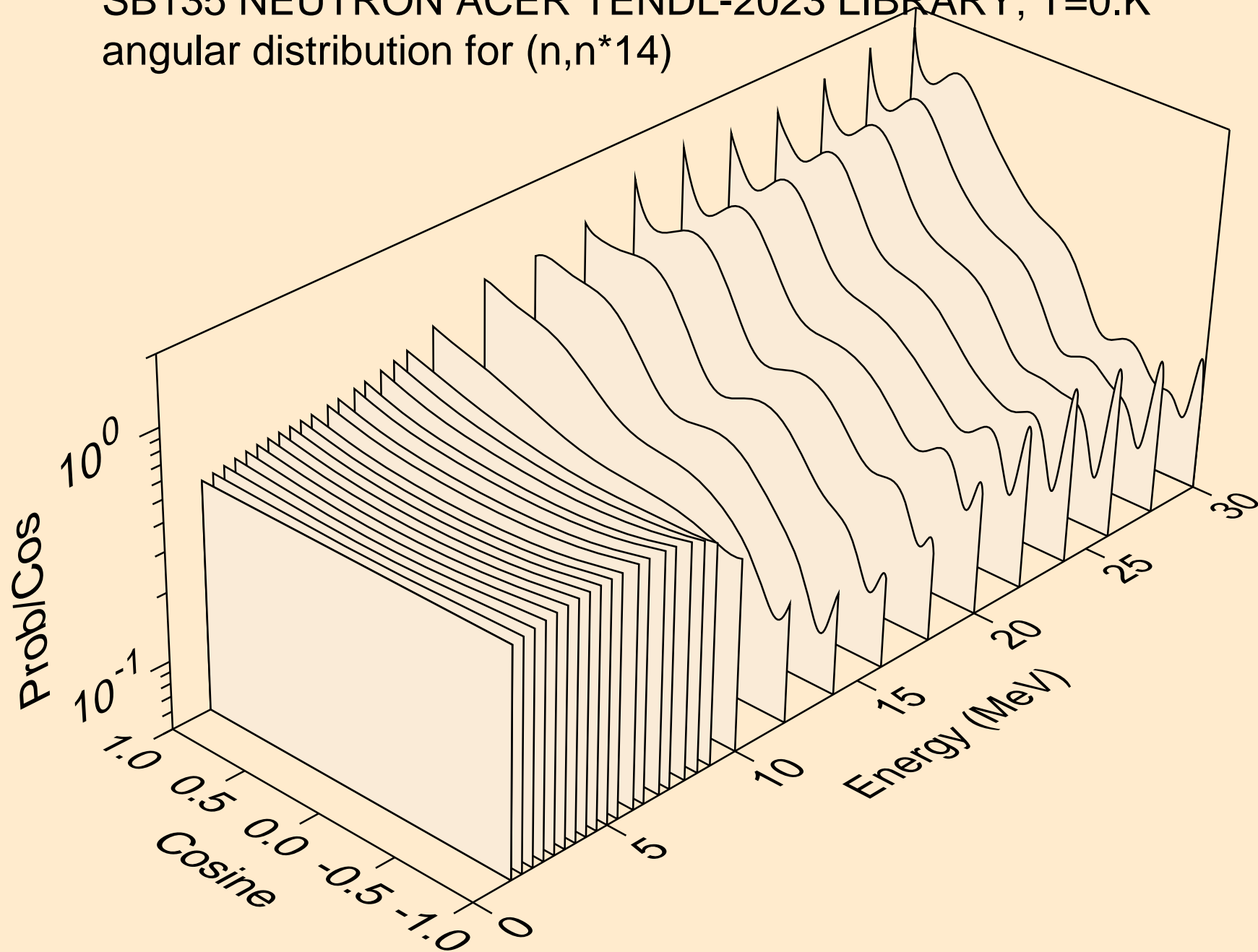
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angular distribution for (n,n\*12)



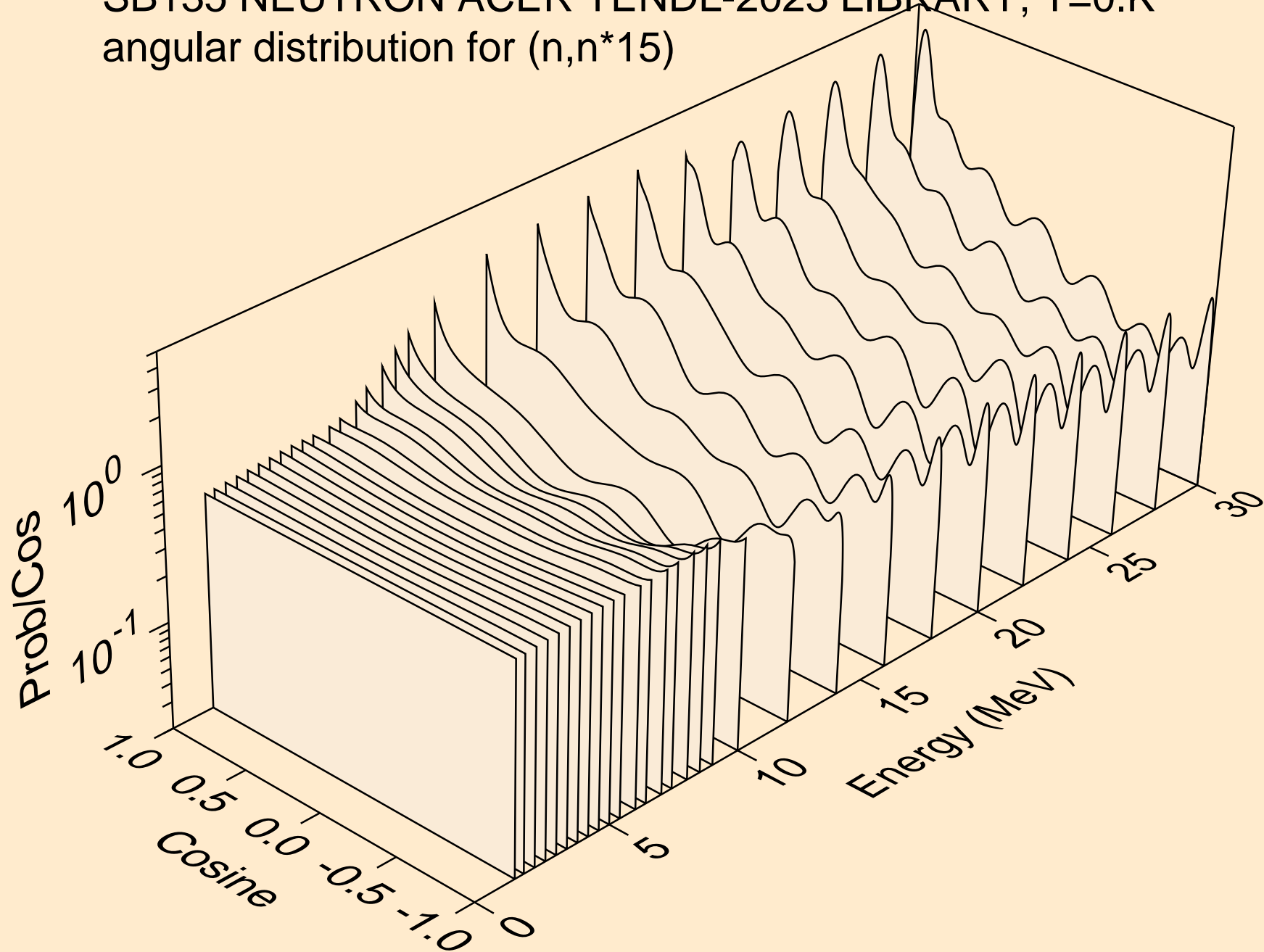
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angular distribution for (n,n\*13)



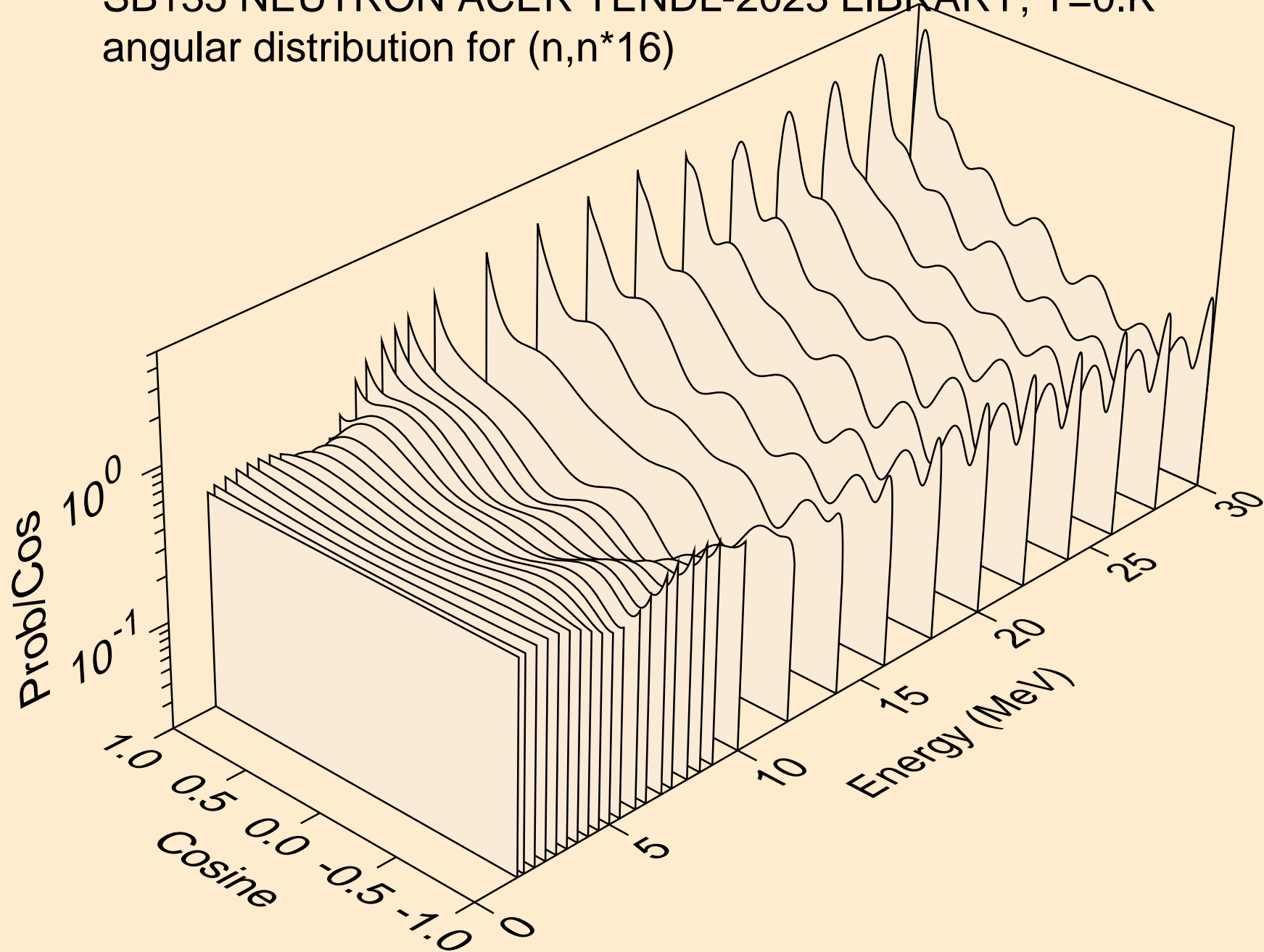
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angular distribution for (n,n\*14)



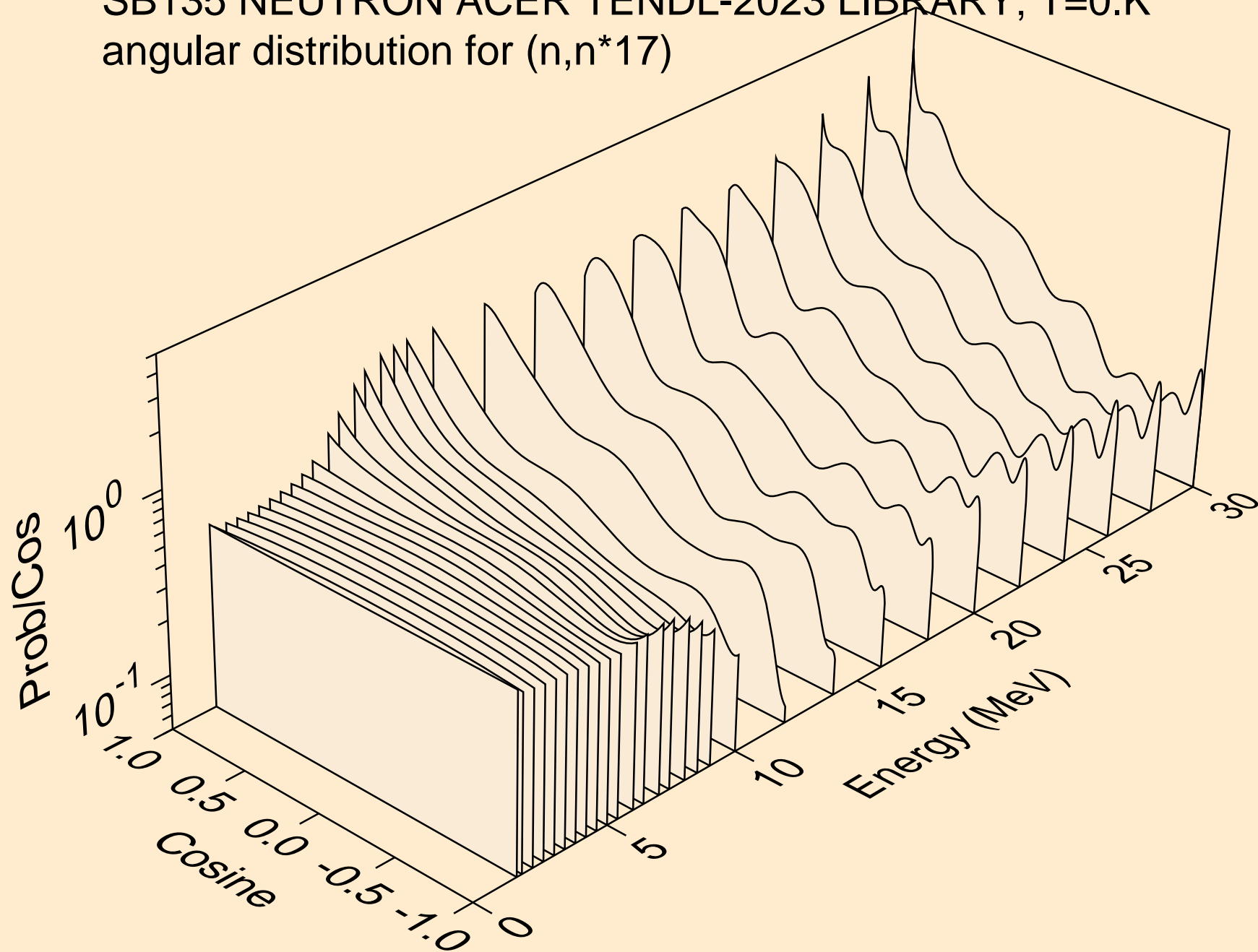
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angular distribution for (n,n\*15)



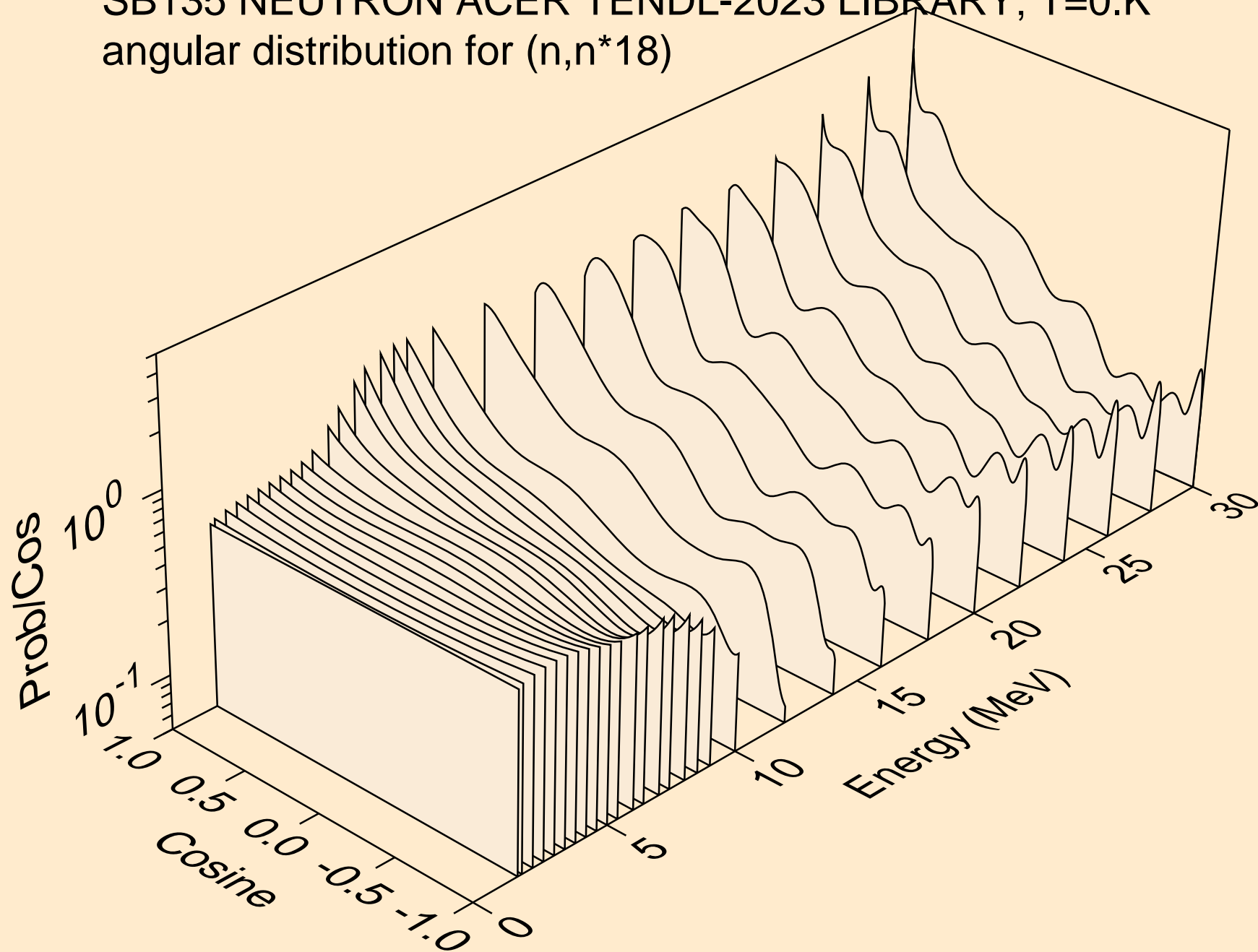
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angular distribution for (n,n\*16)



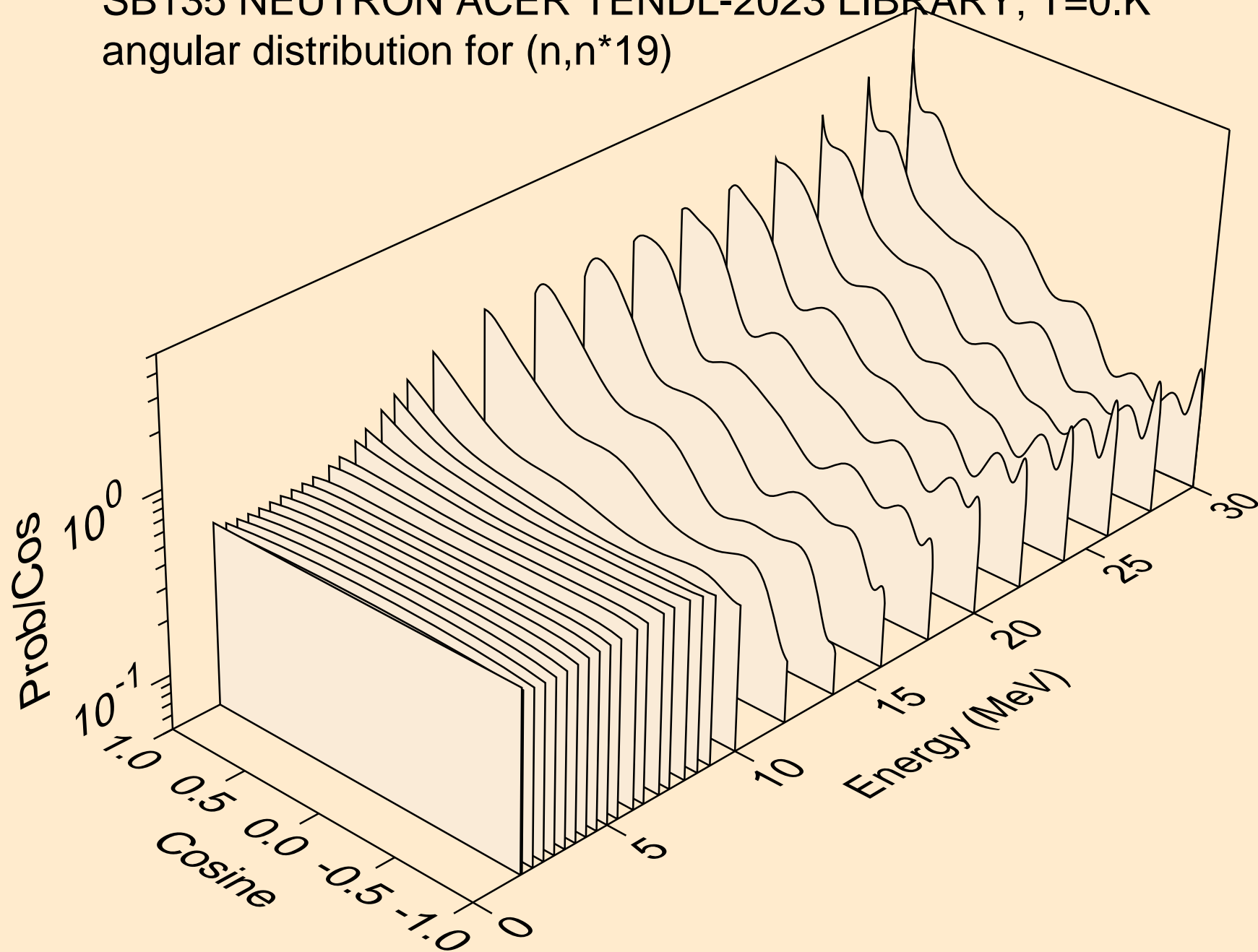
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

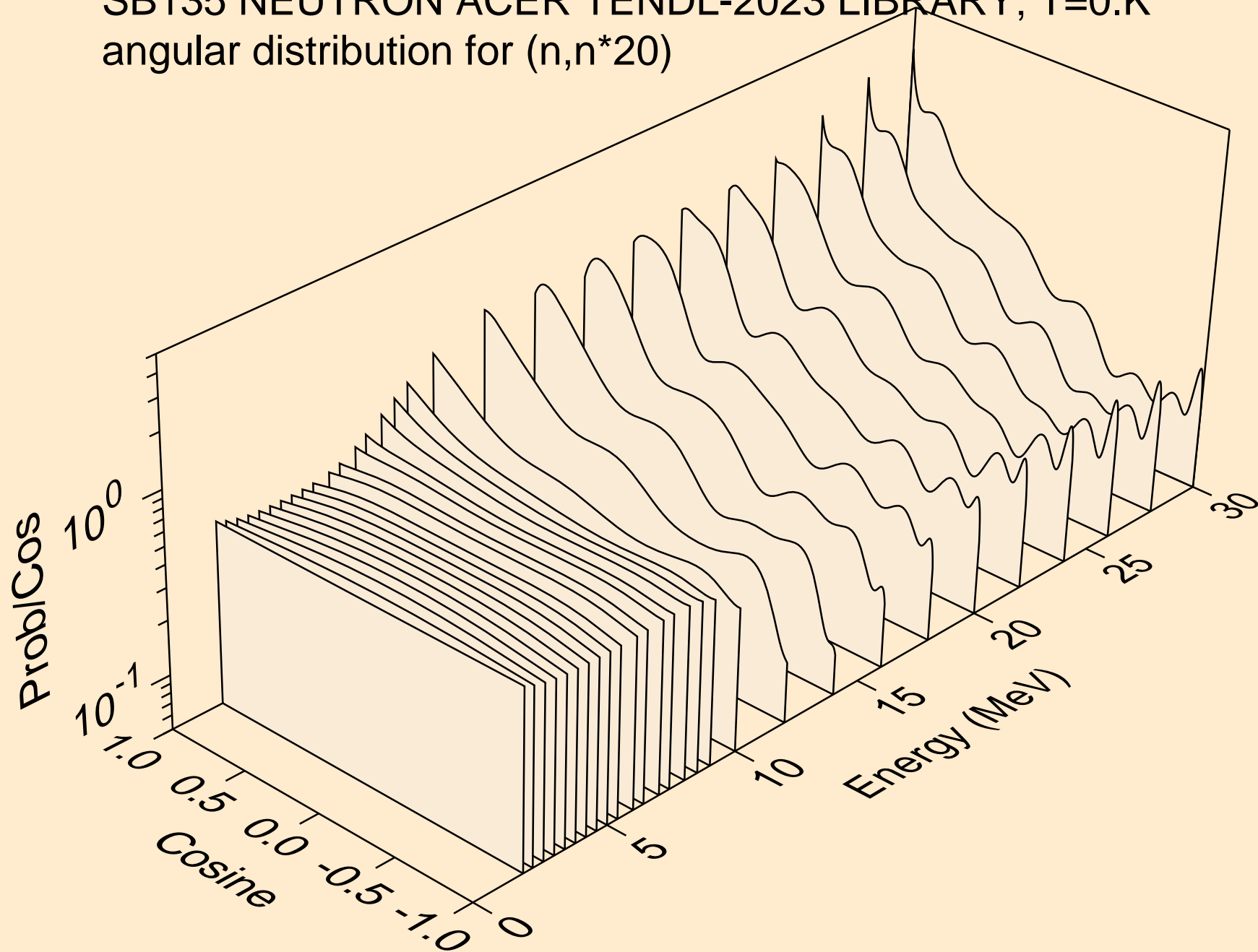


SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

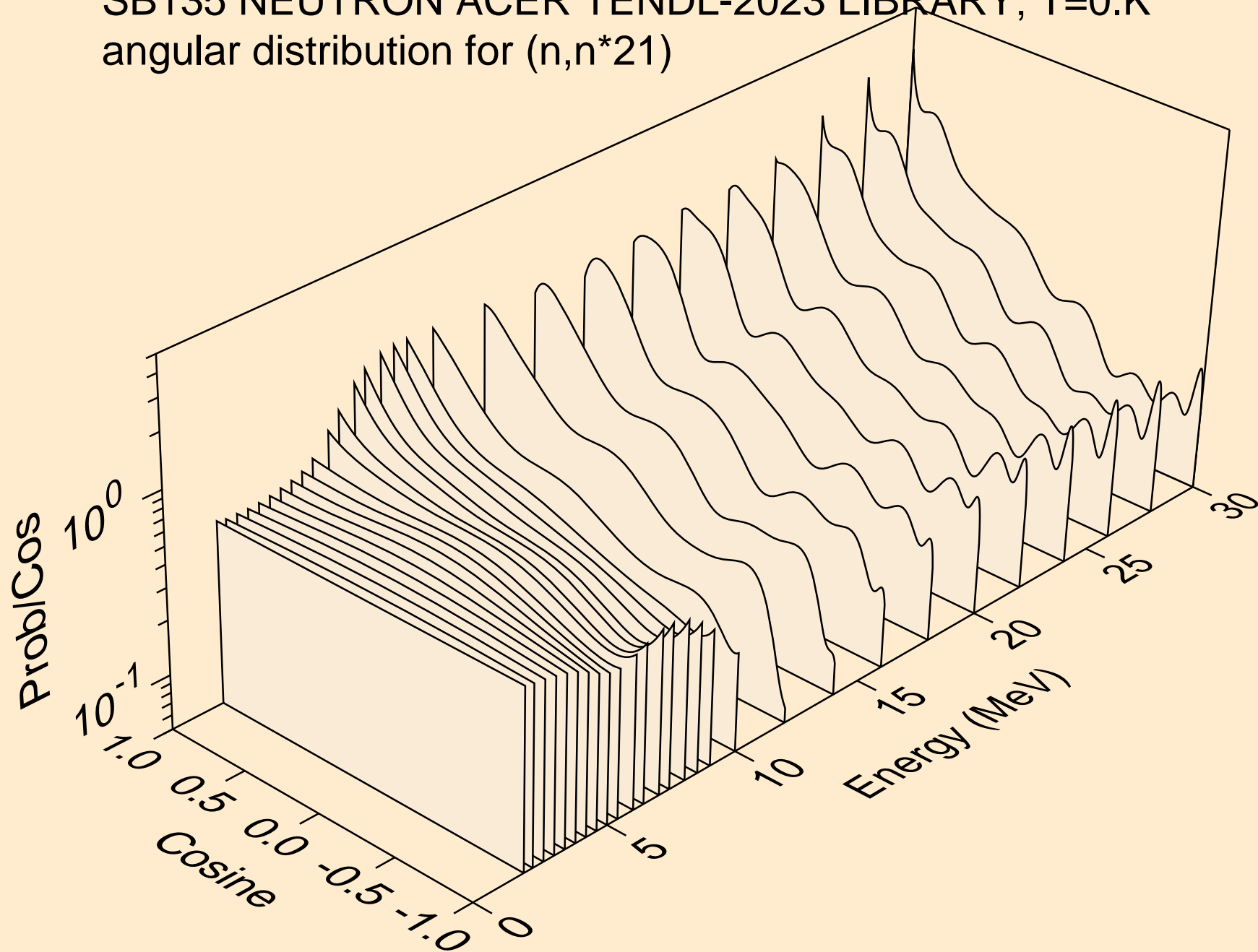




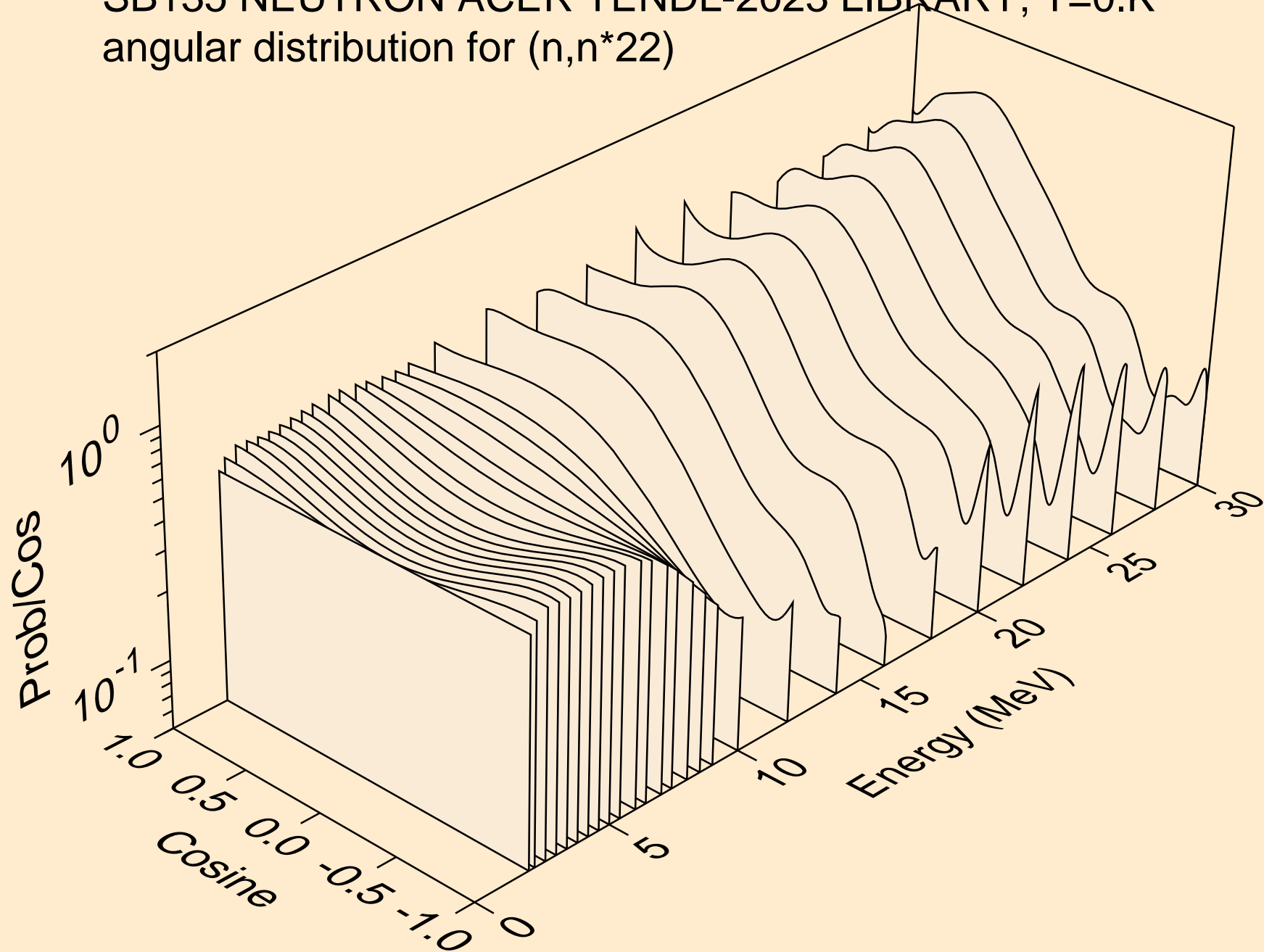
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angular distribution for (n,n\*20)



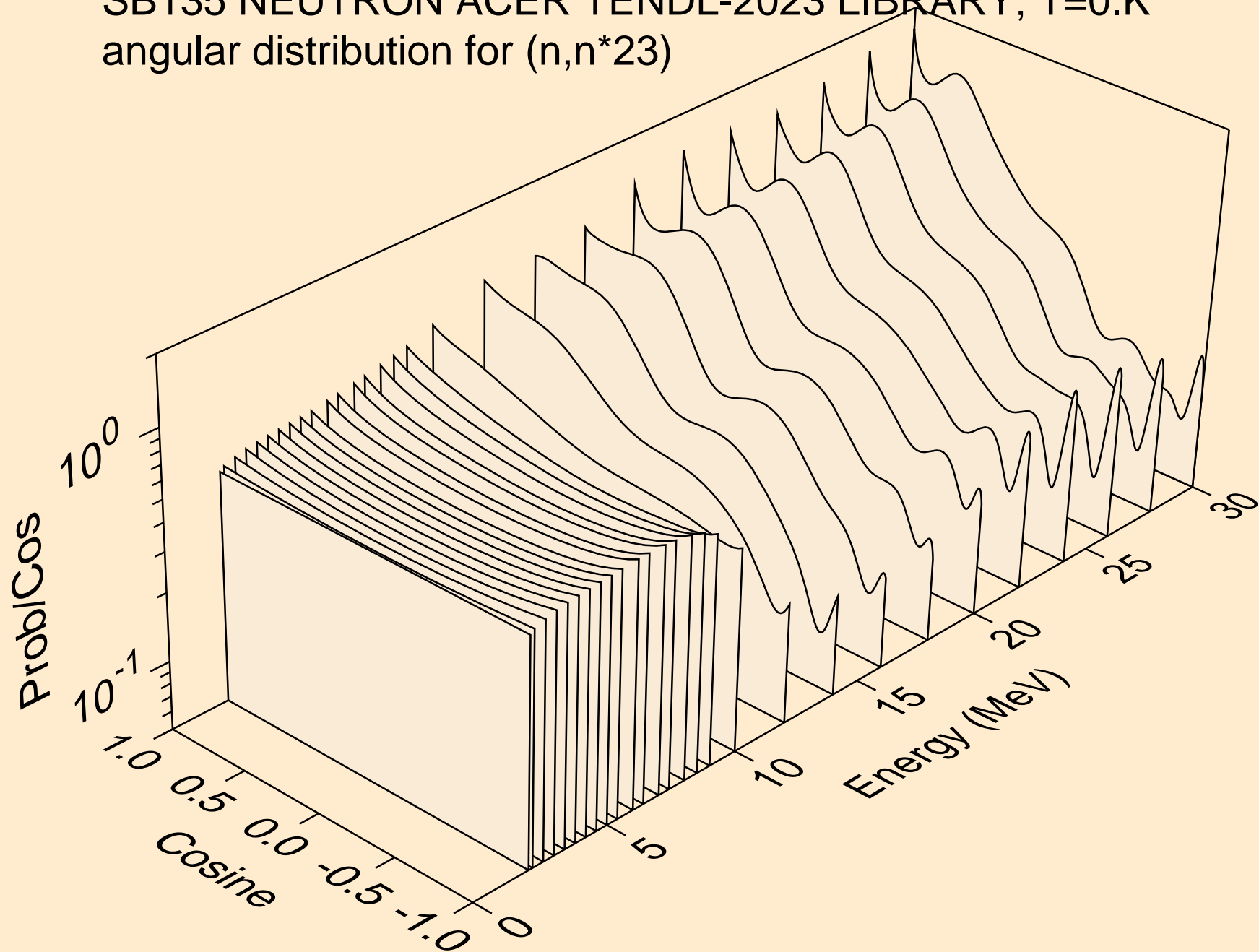
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angular distribution for (n,n\*21)



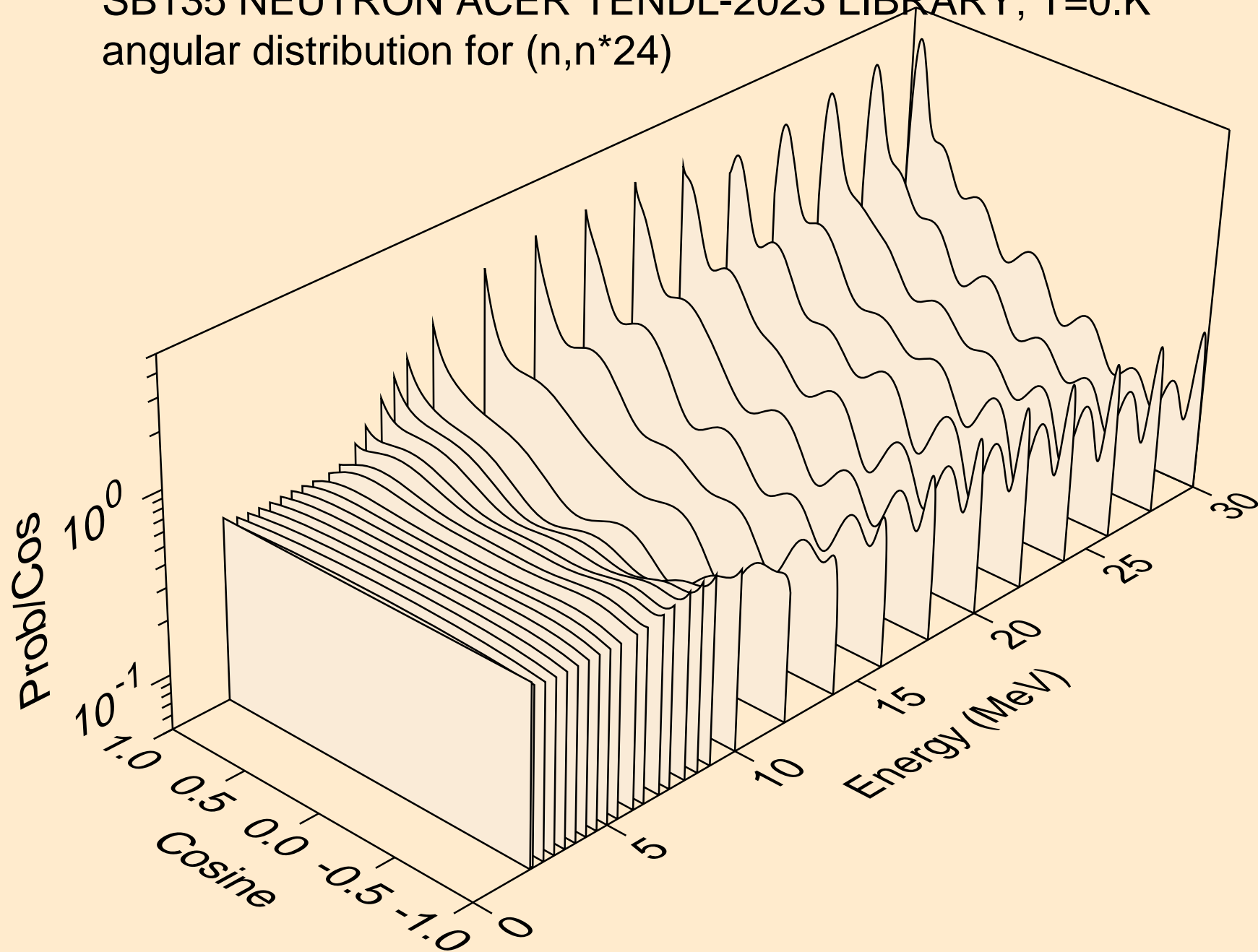
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angular distribution for (n,n\*22)



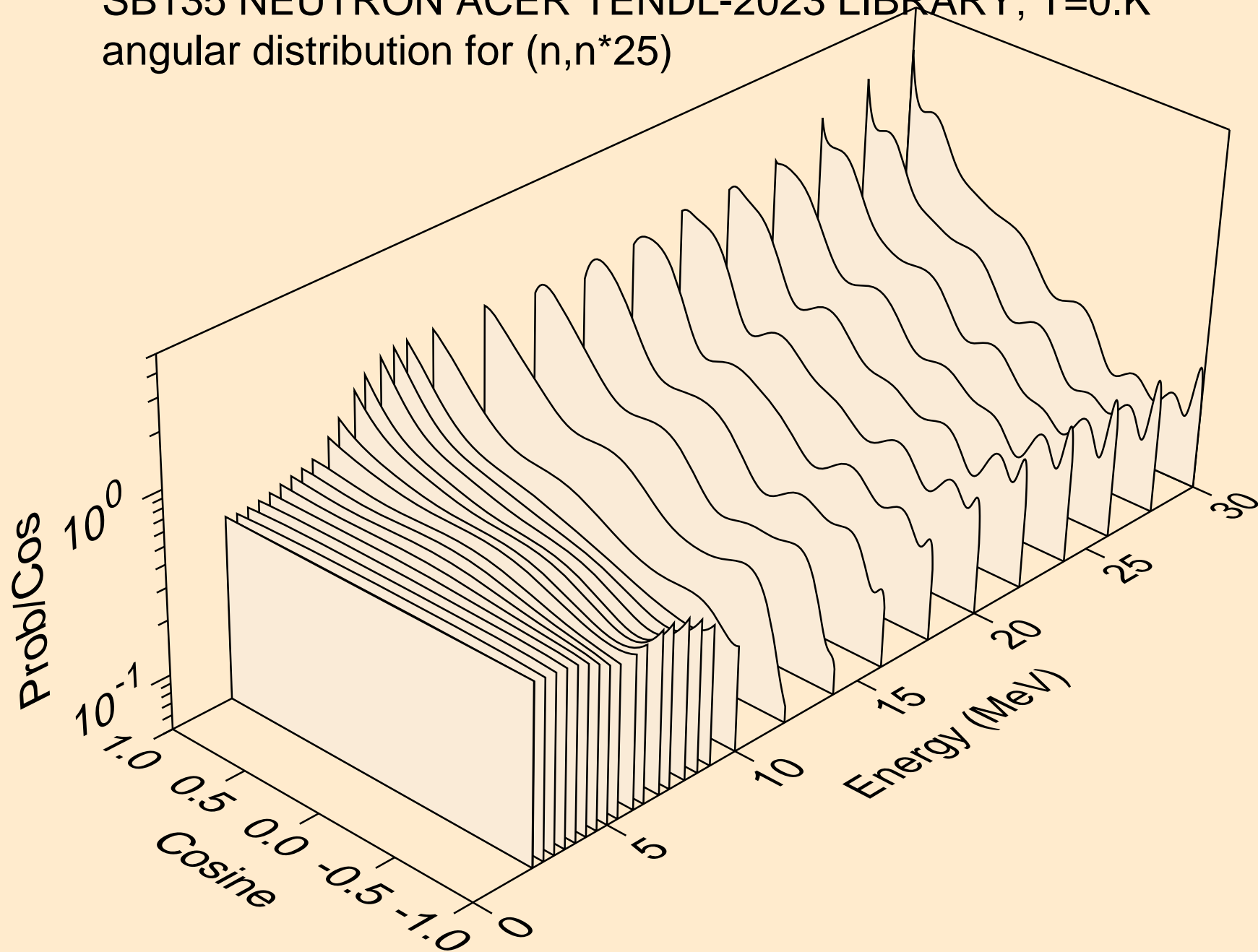
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angular distribution for (n,n\*23)



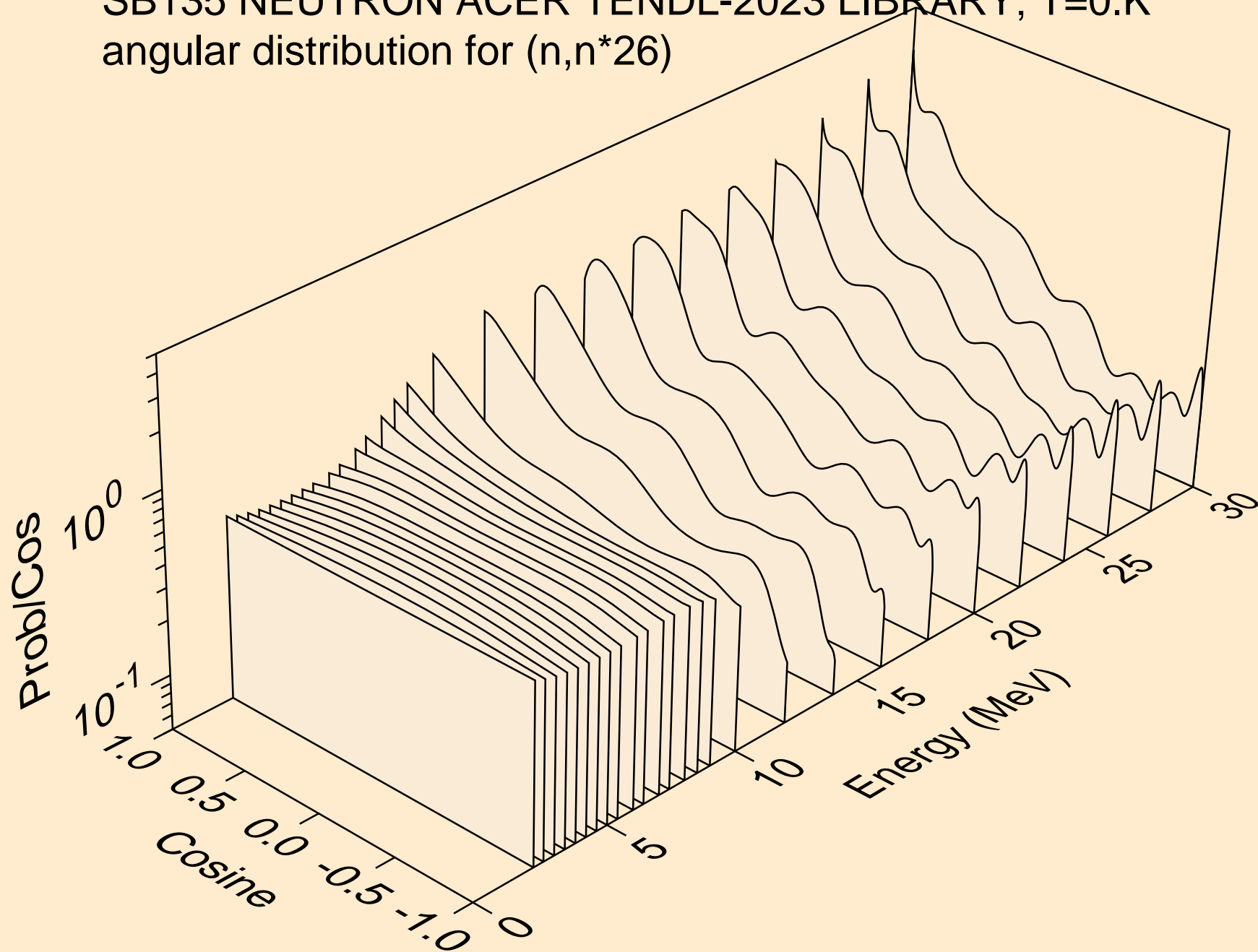
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angular distribution for (n,n\*24)



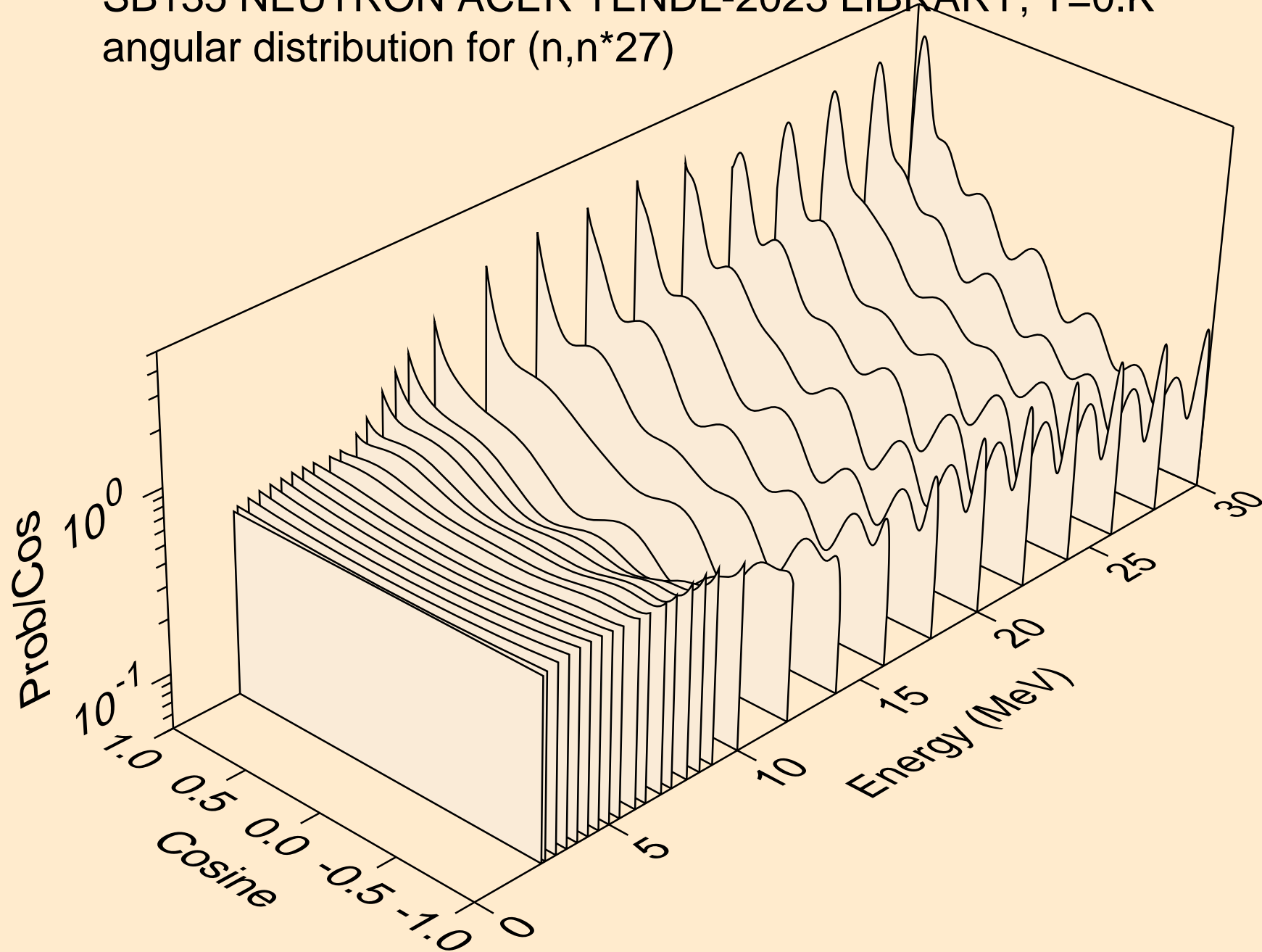
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

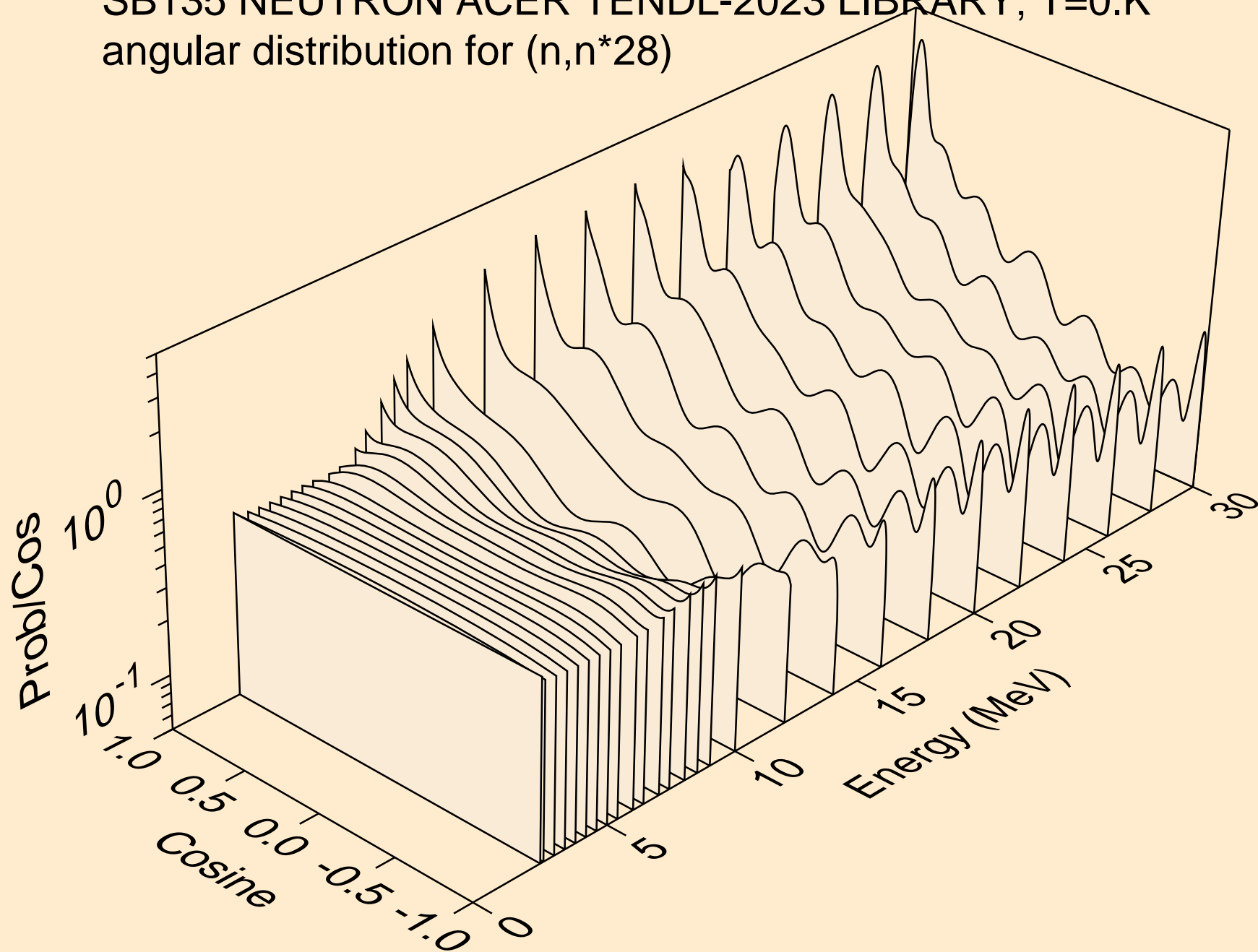


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angular distribution for (n,n\*27)

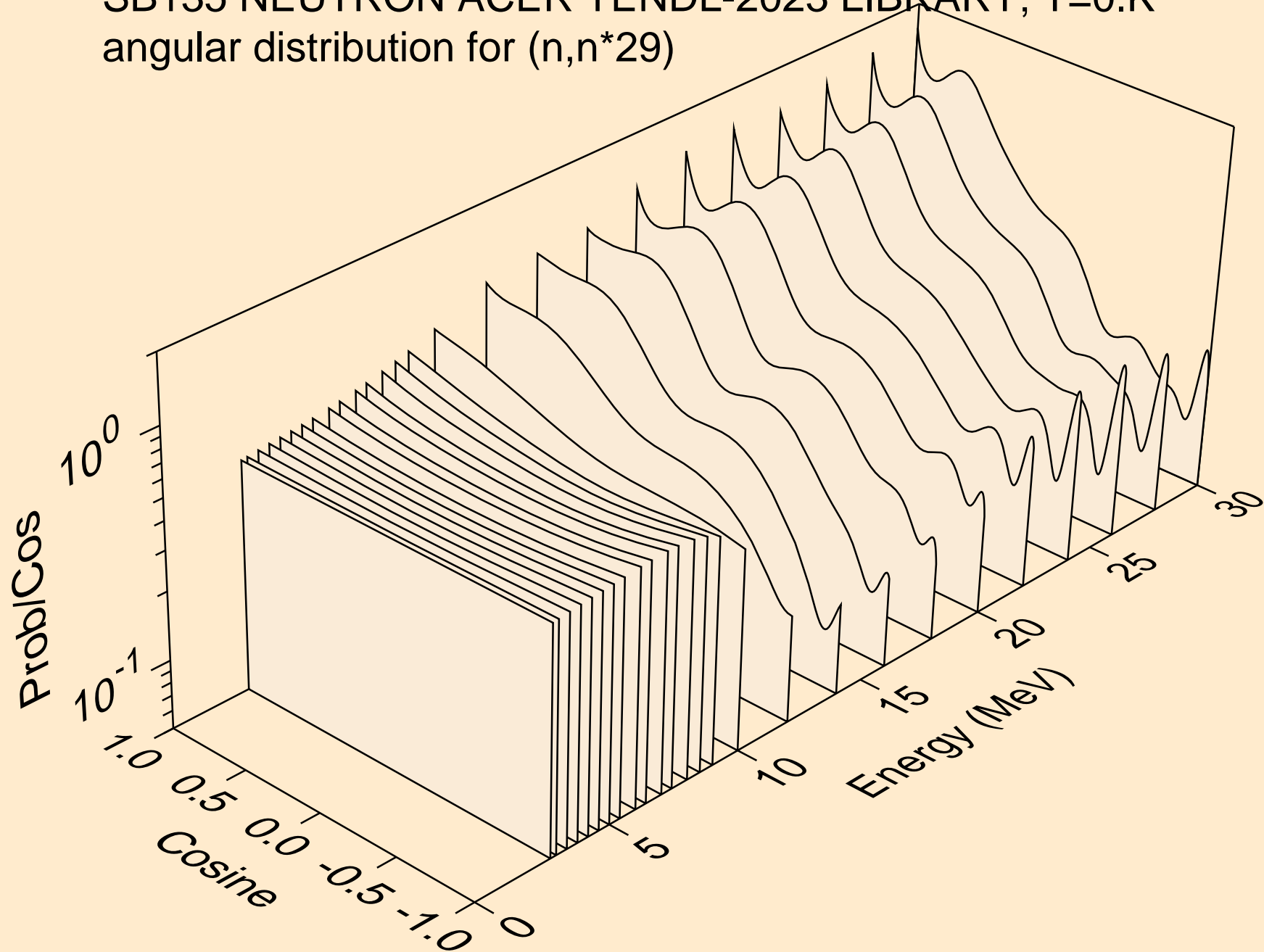




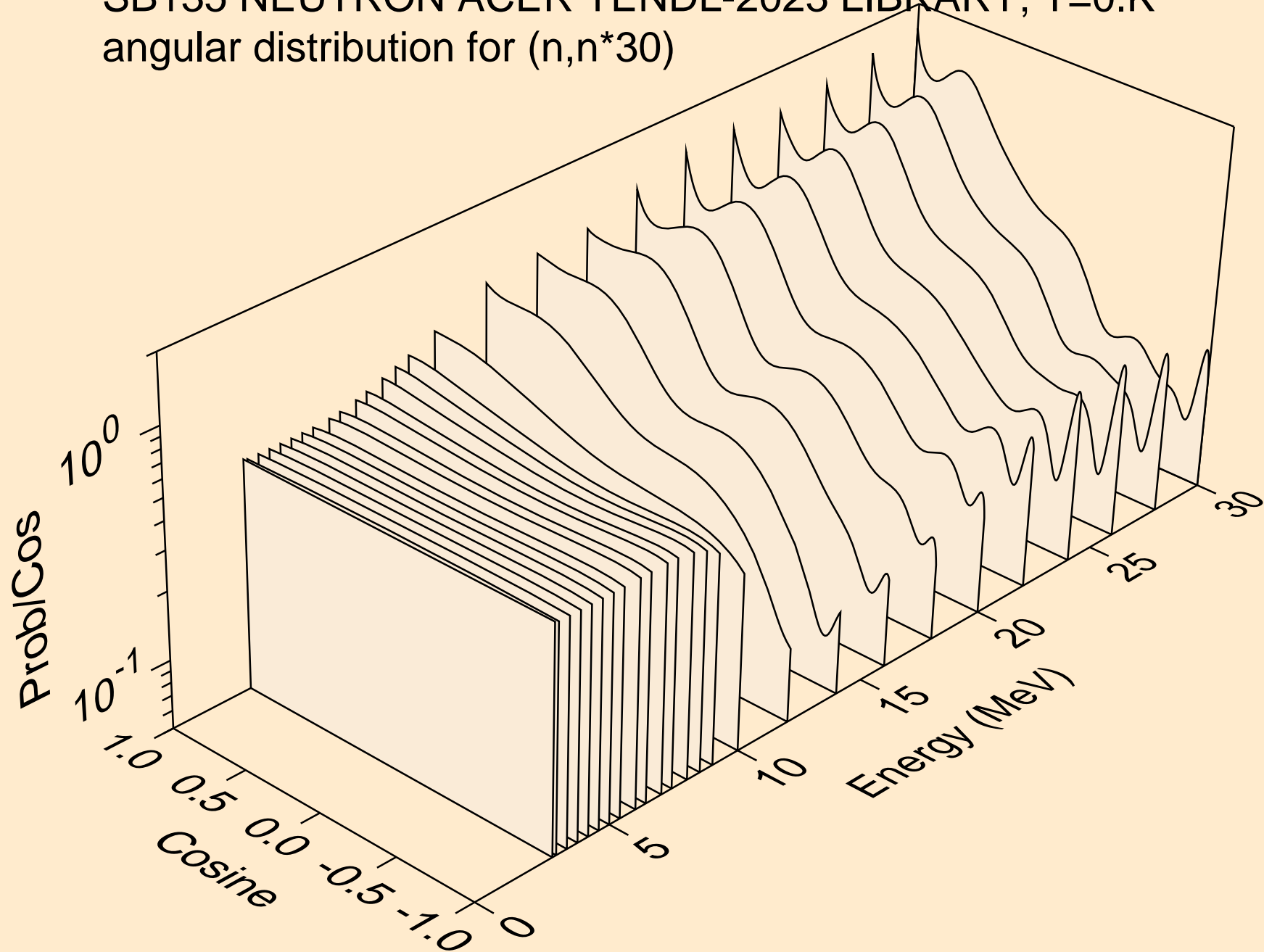
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angular distribution for (n,n\*28)



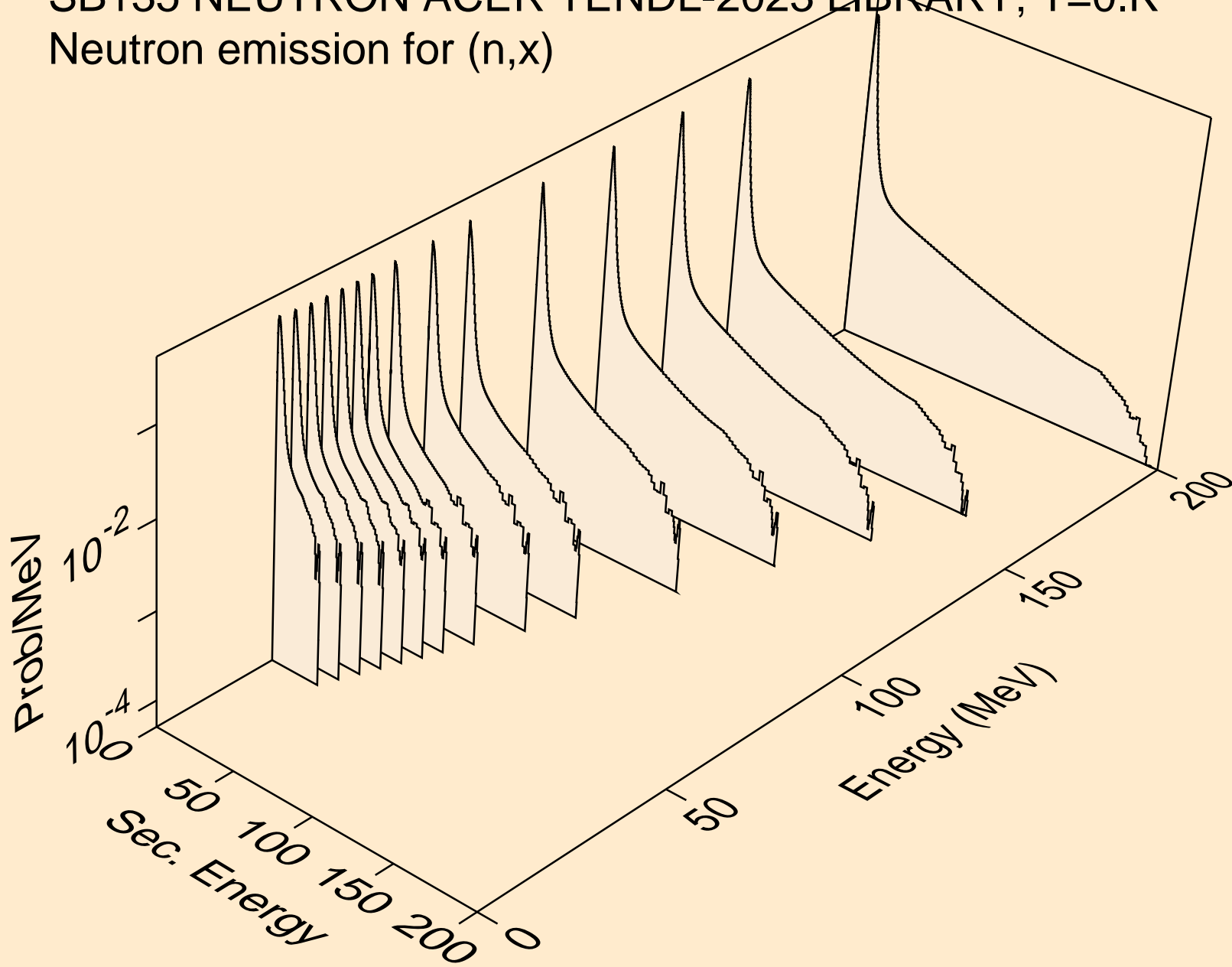
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angular distribution for (n,n\*29)



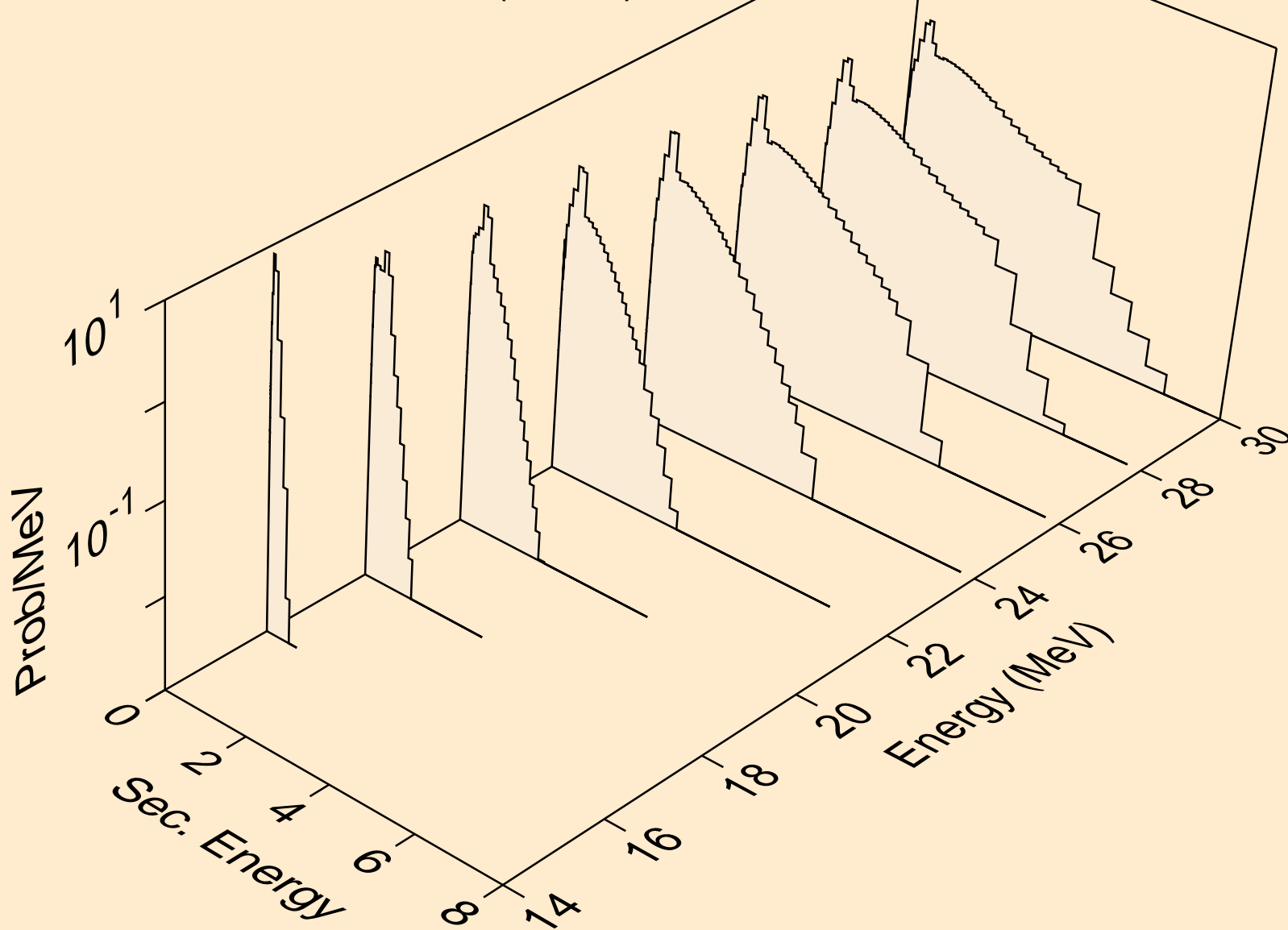
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angular distribution for (n,n\*30)



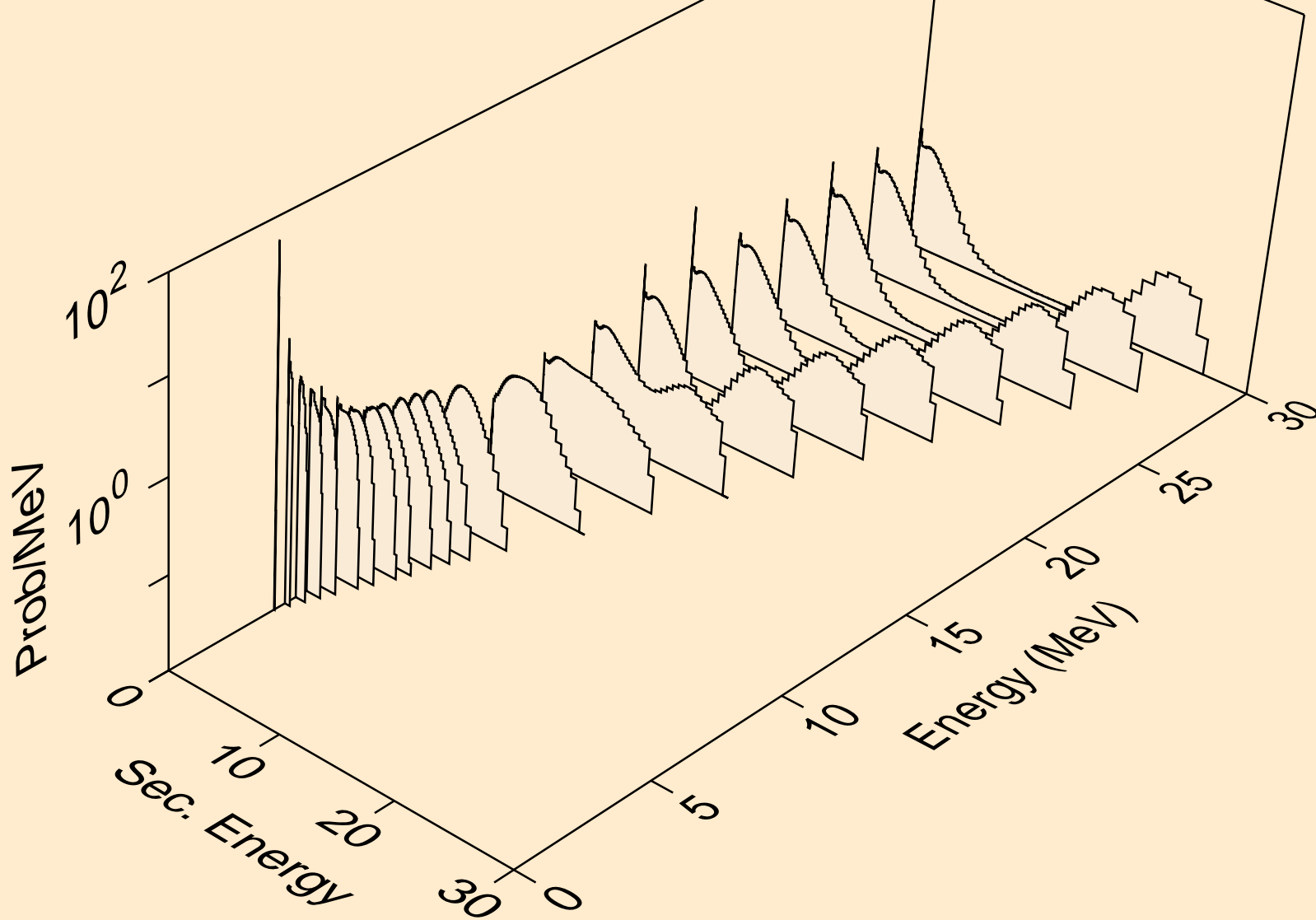
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



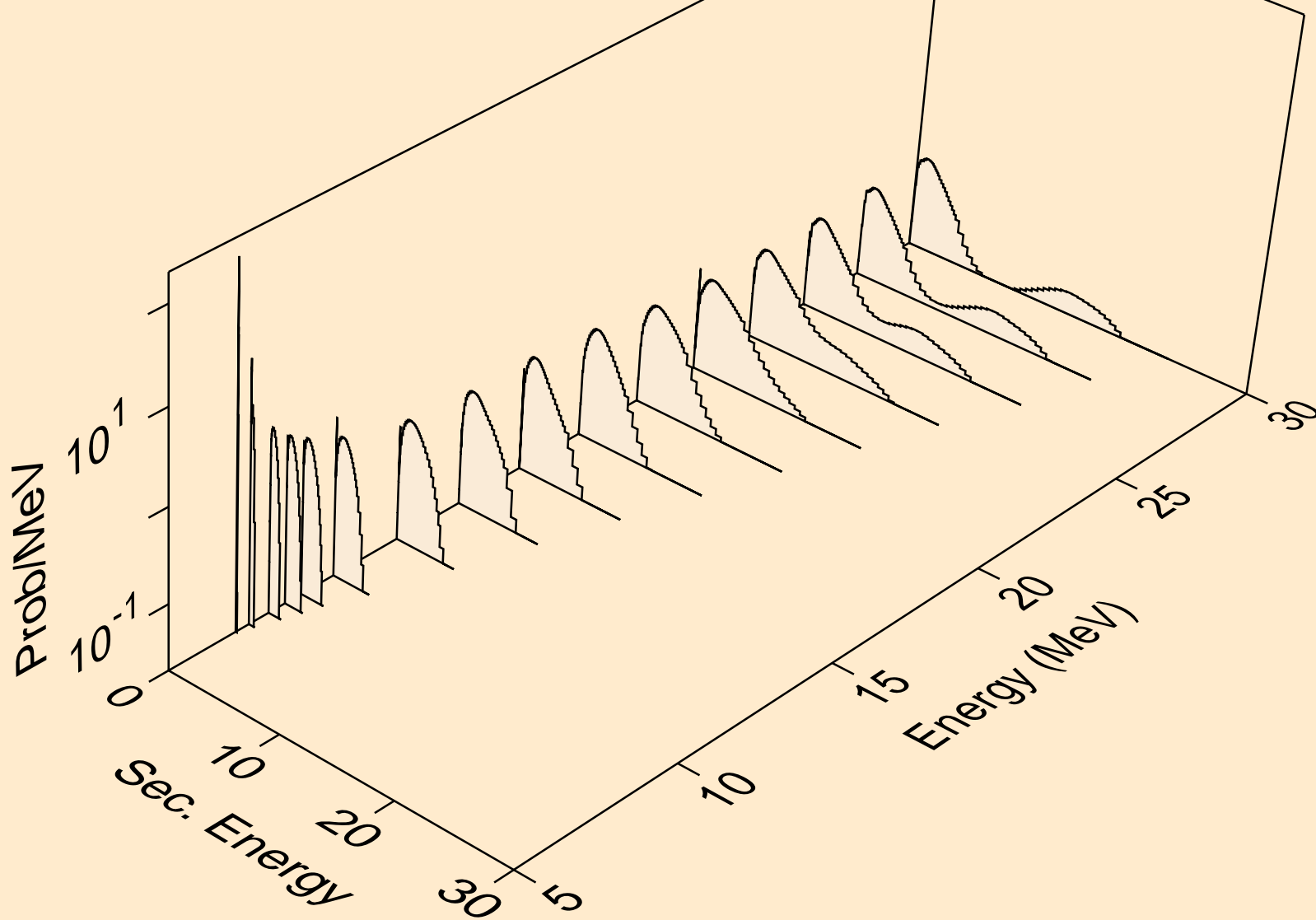
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



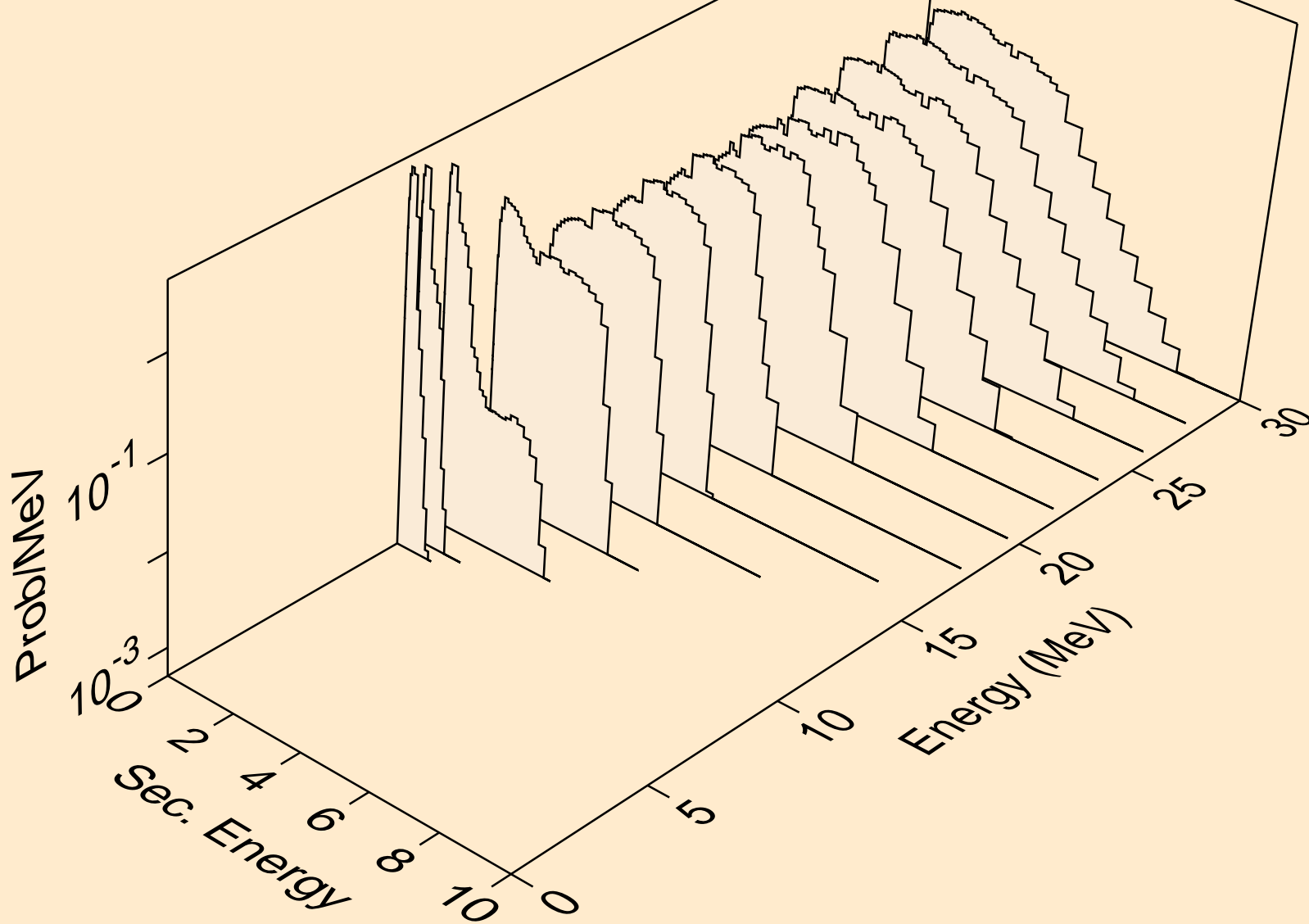
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

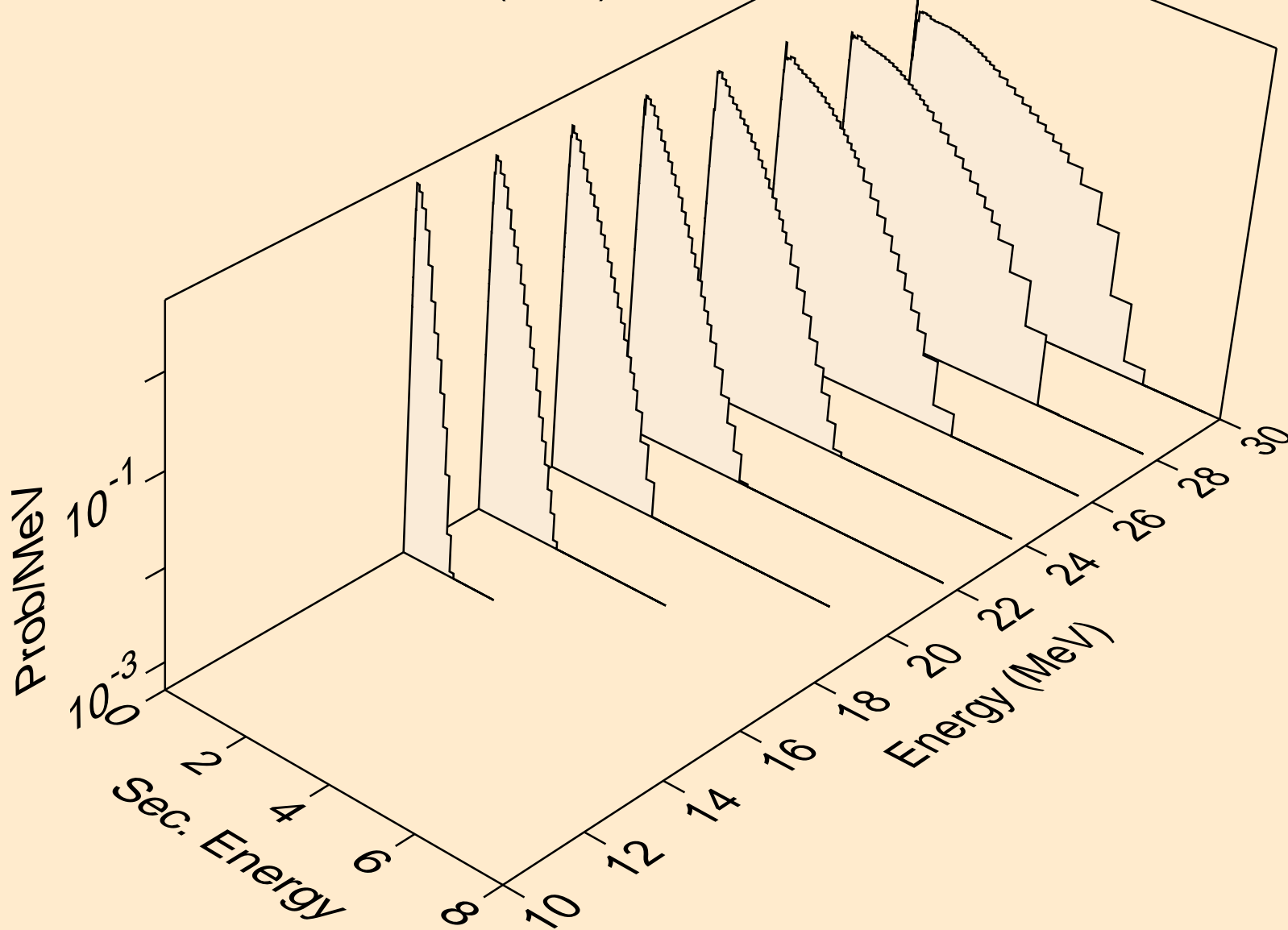


SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

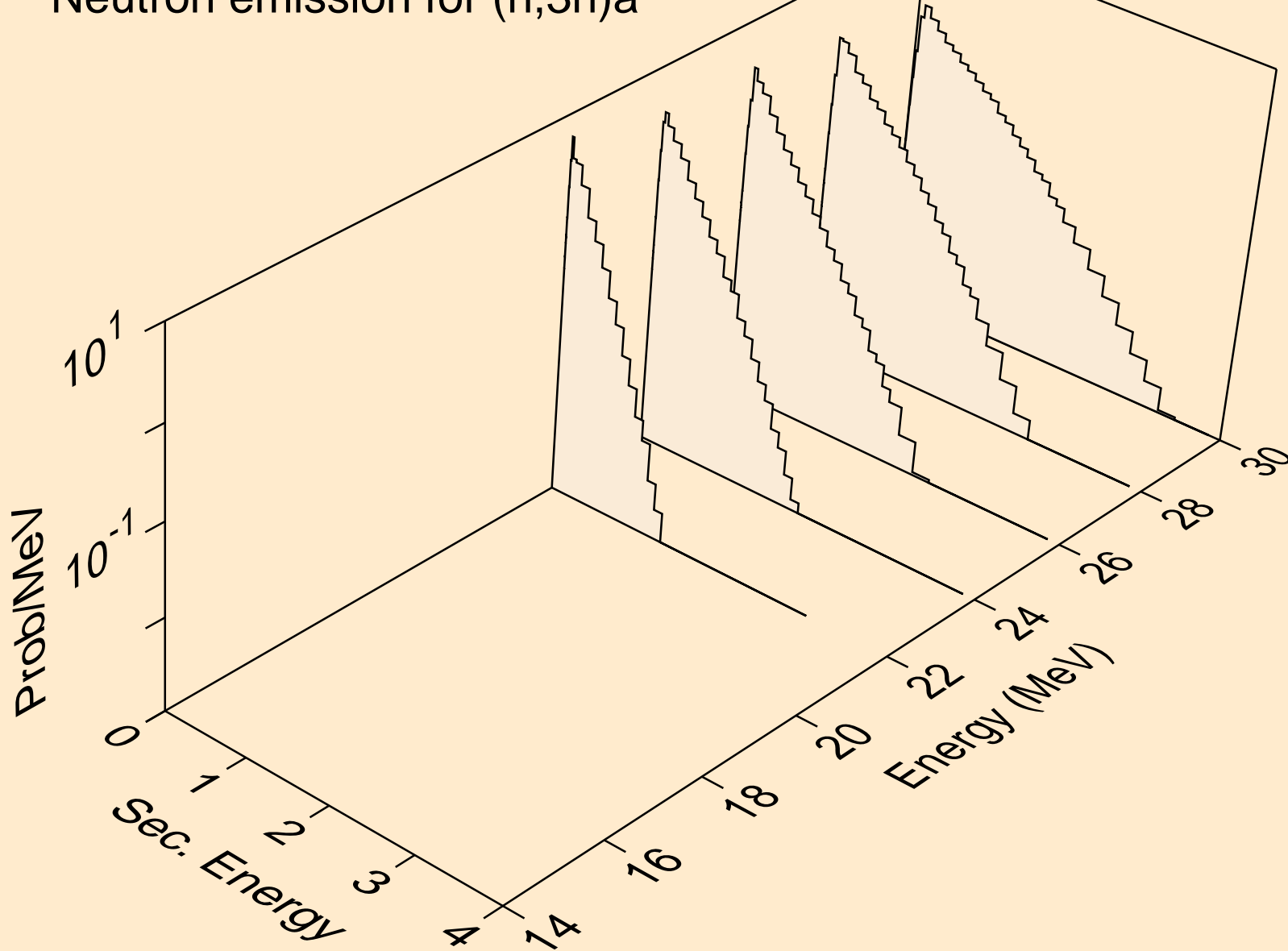




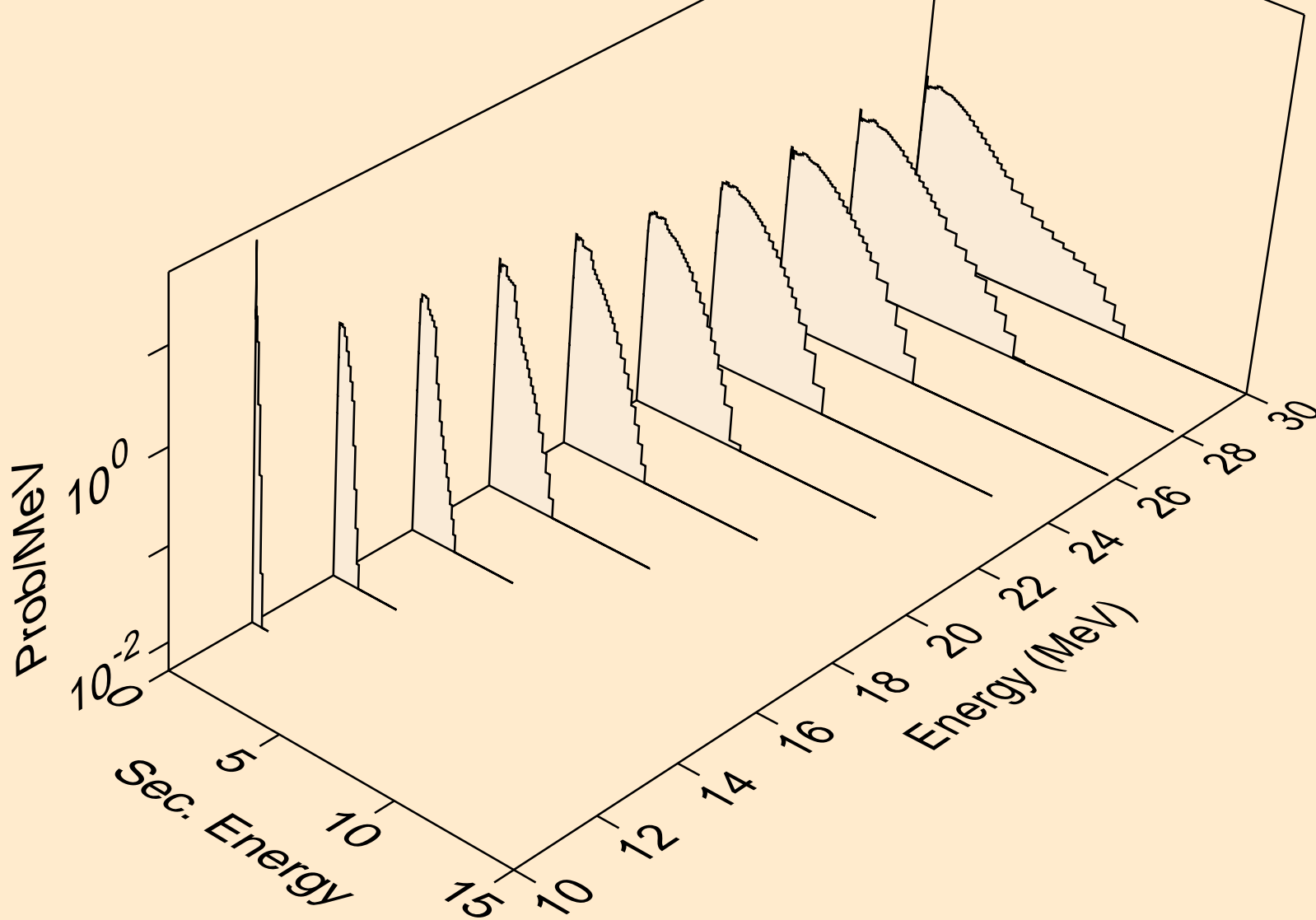
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Neutron emission for (n,2n)a



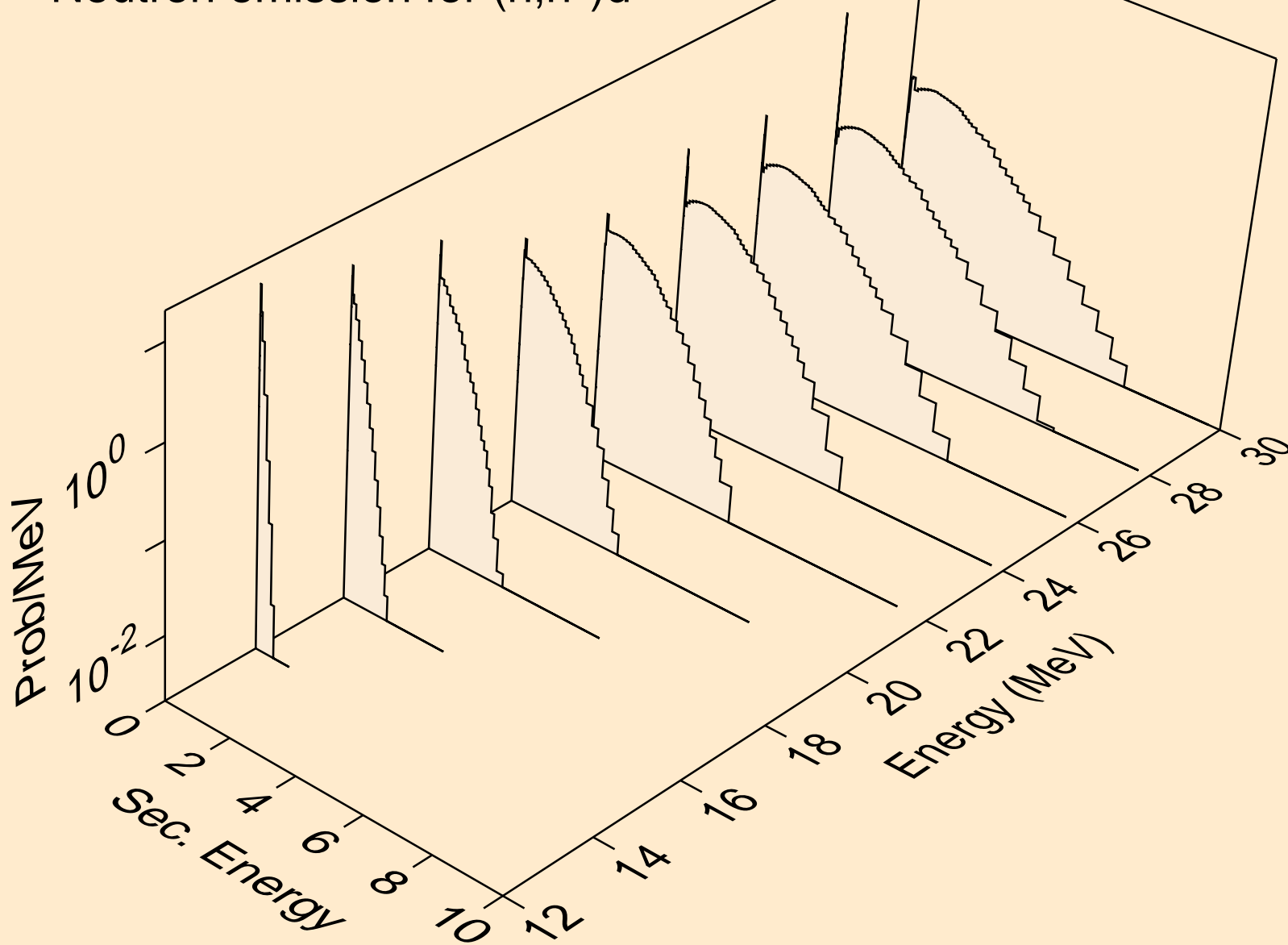
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



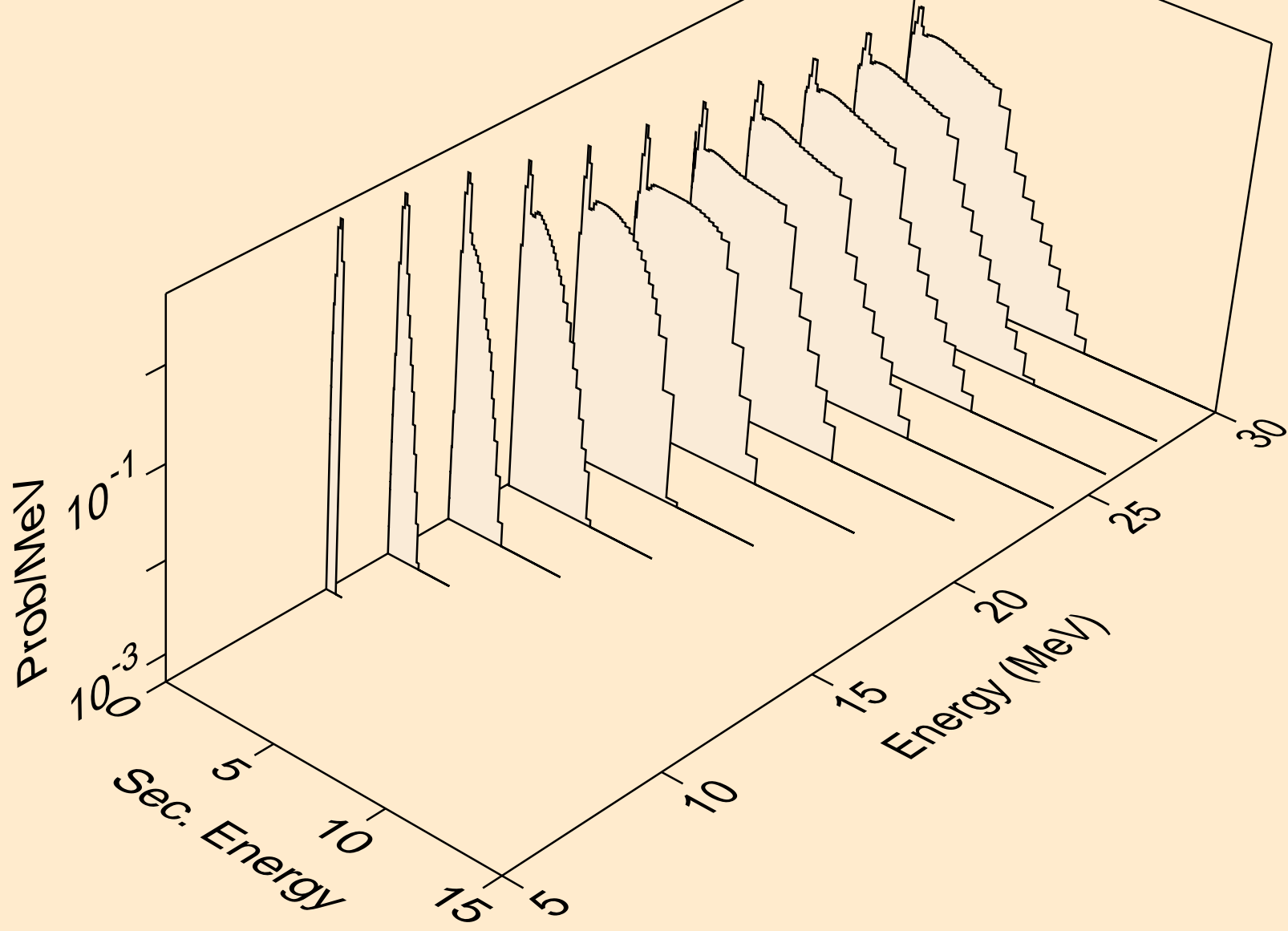
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



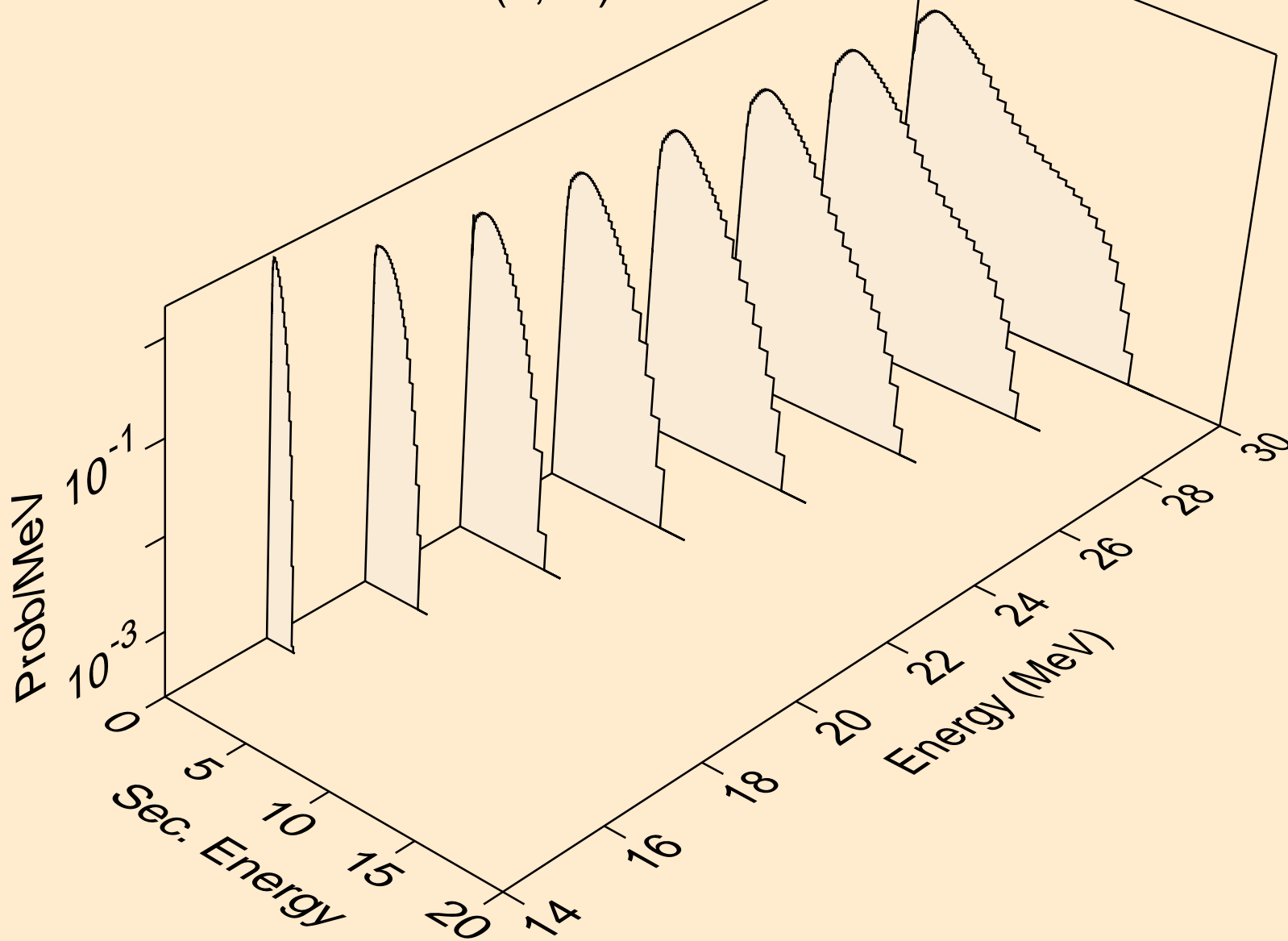
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



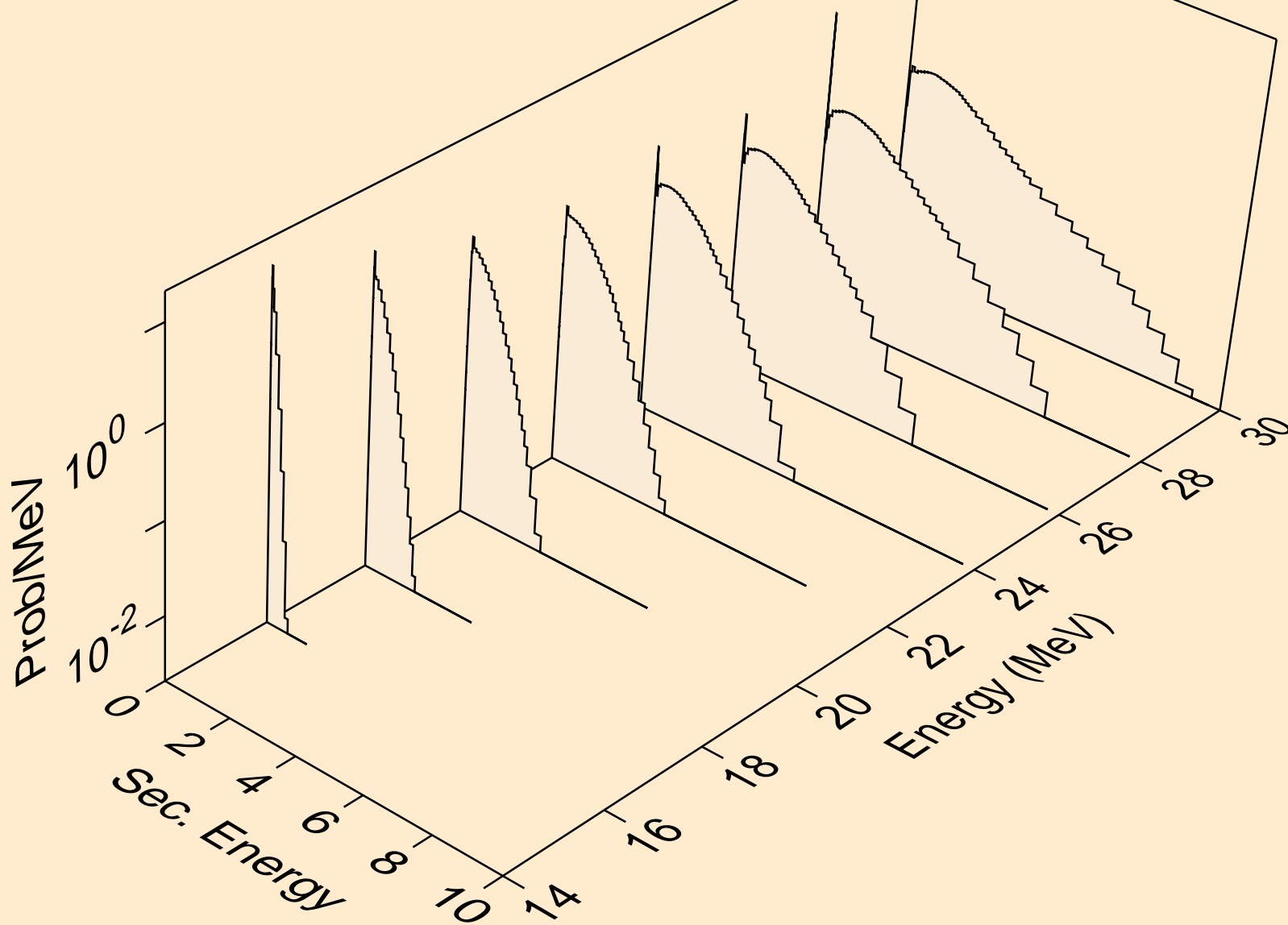
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



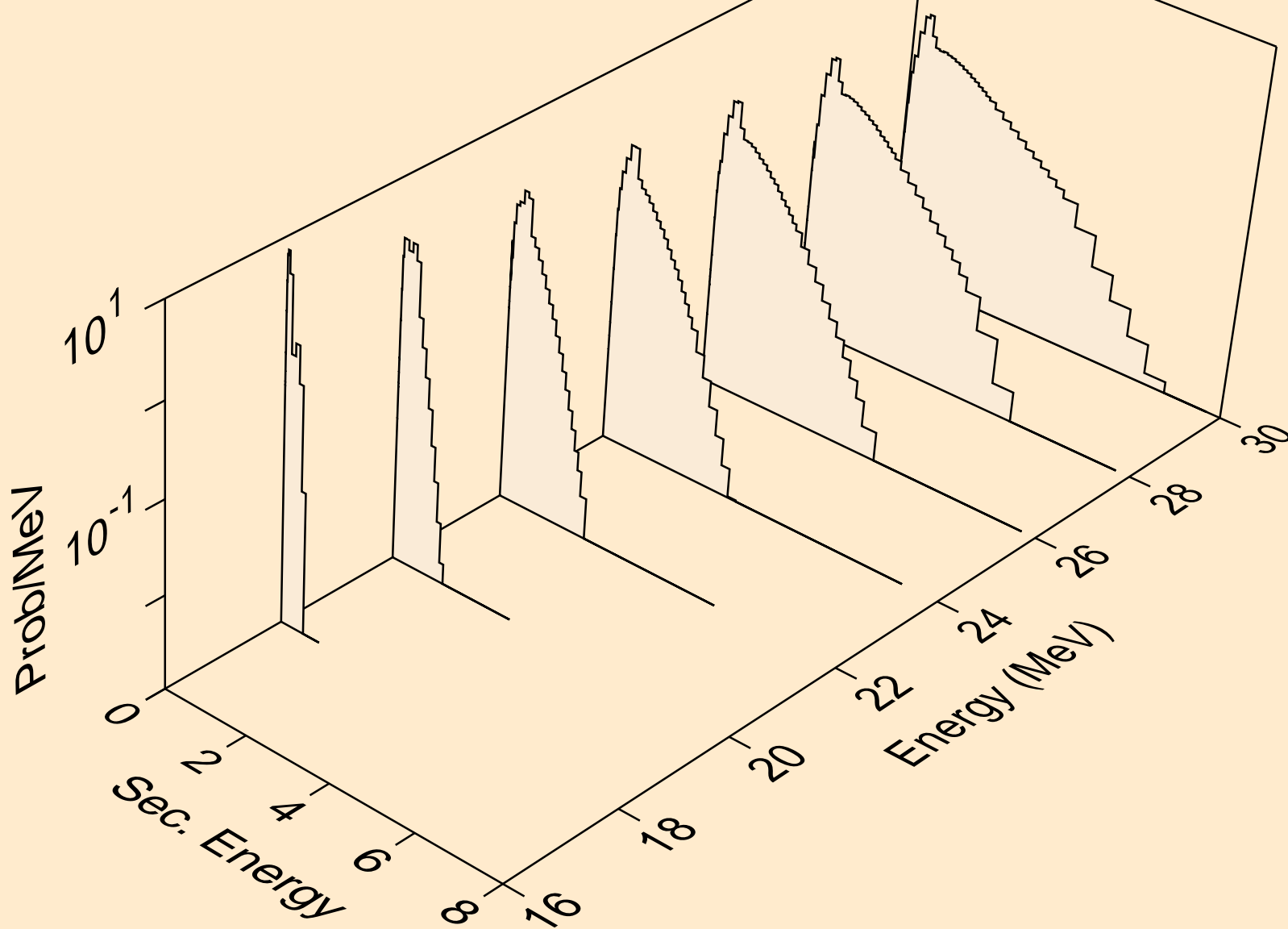
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

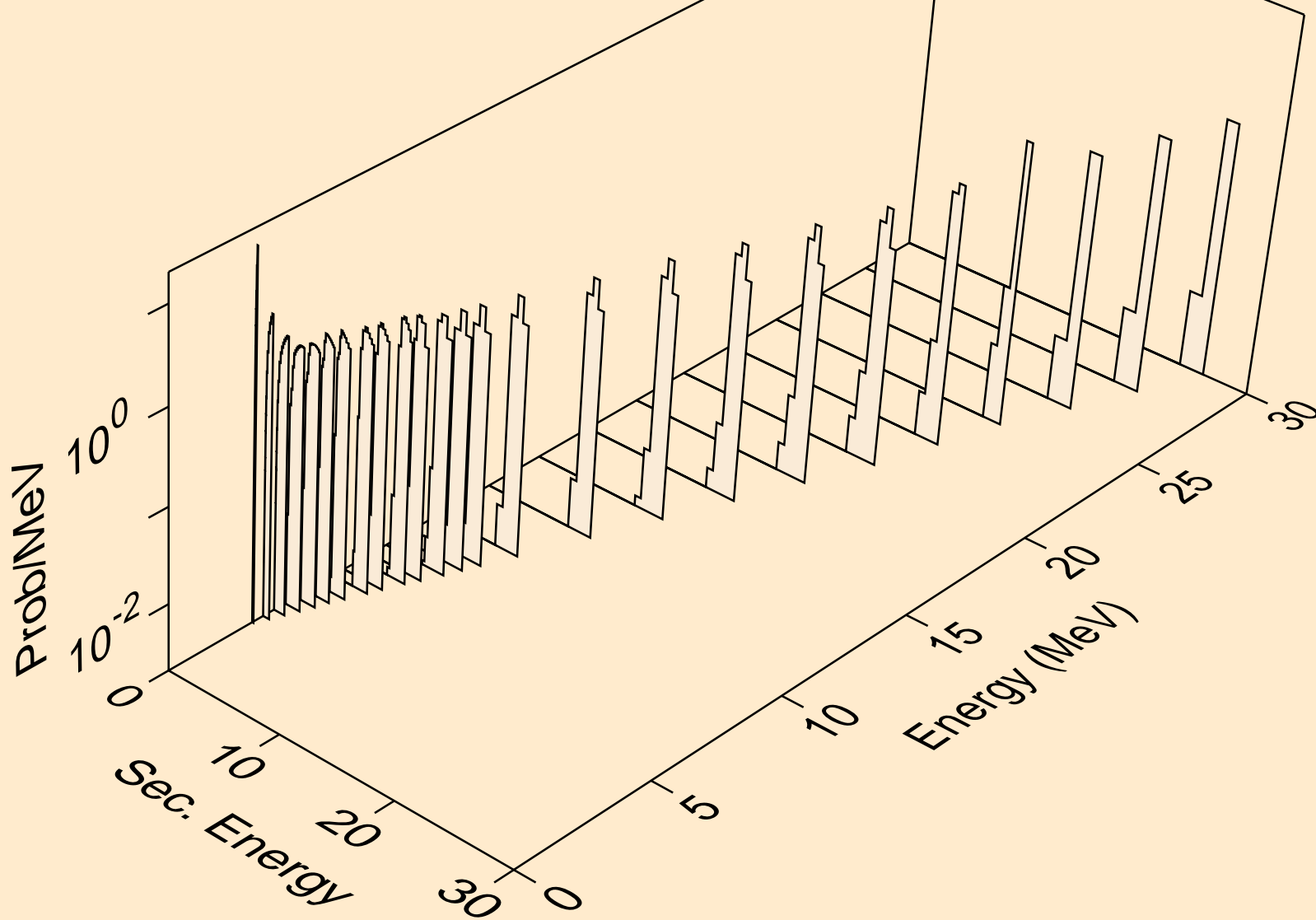


SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

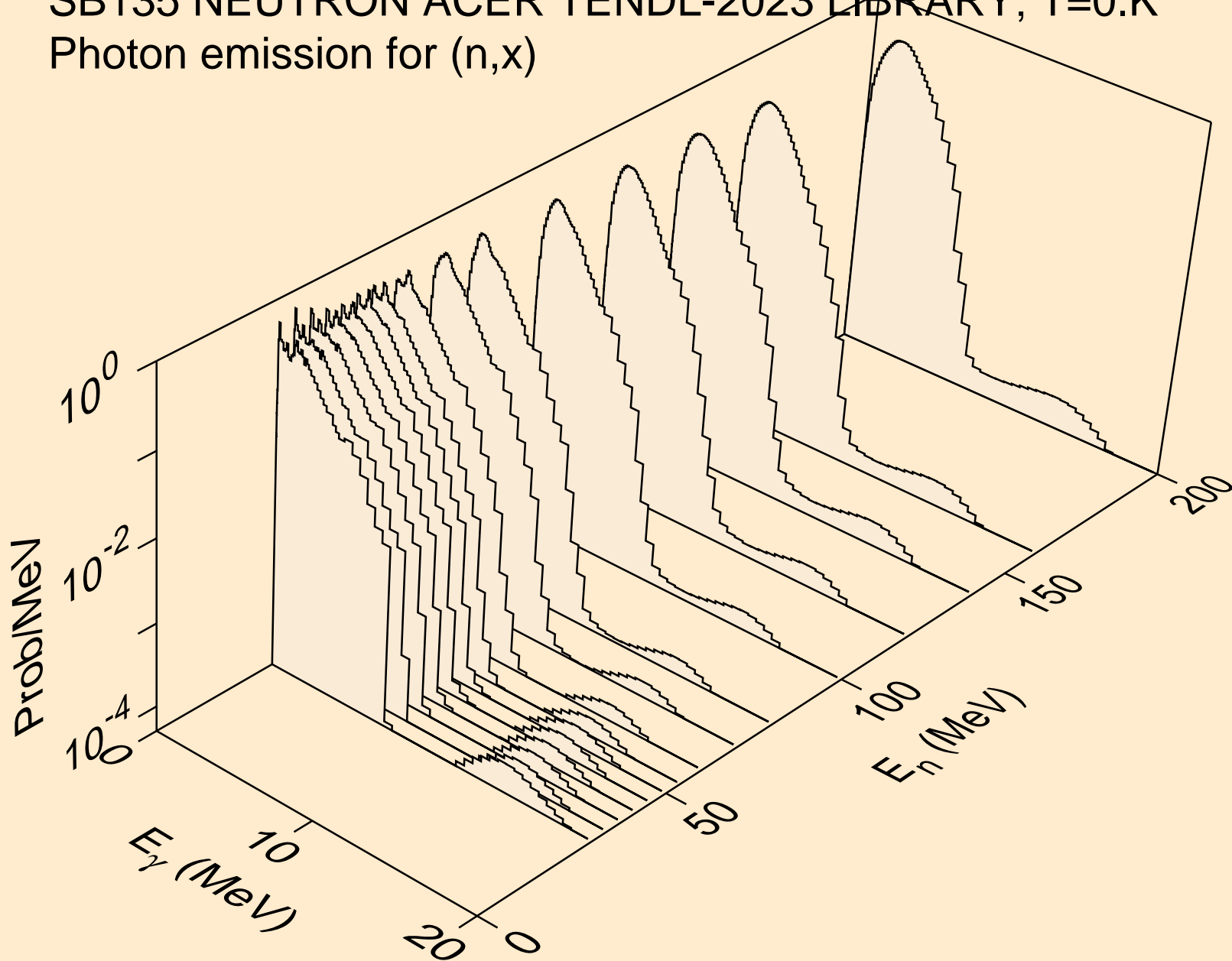




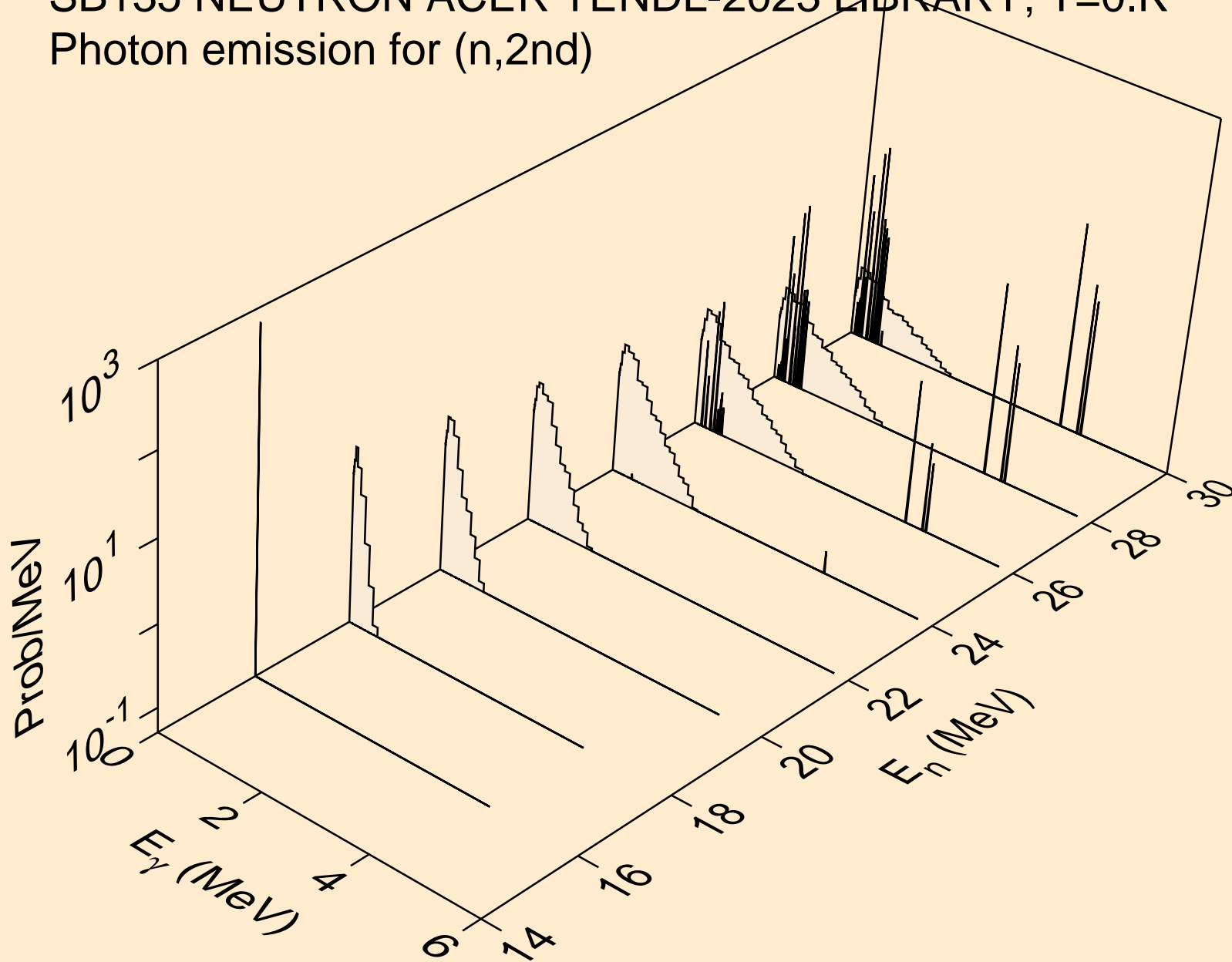
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



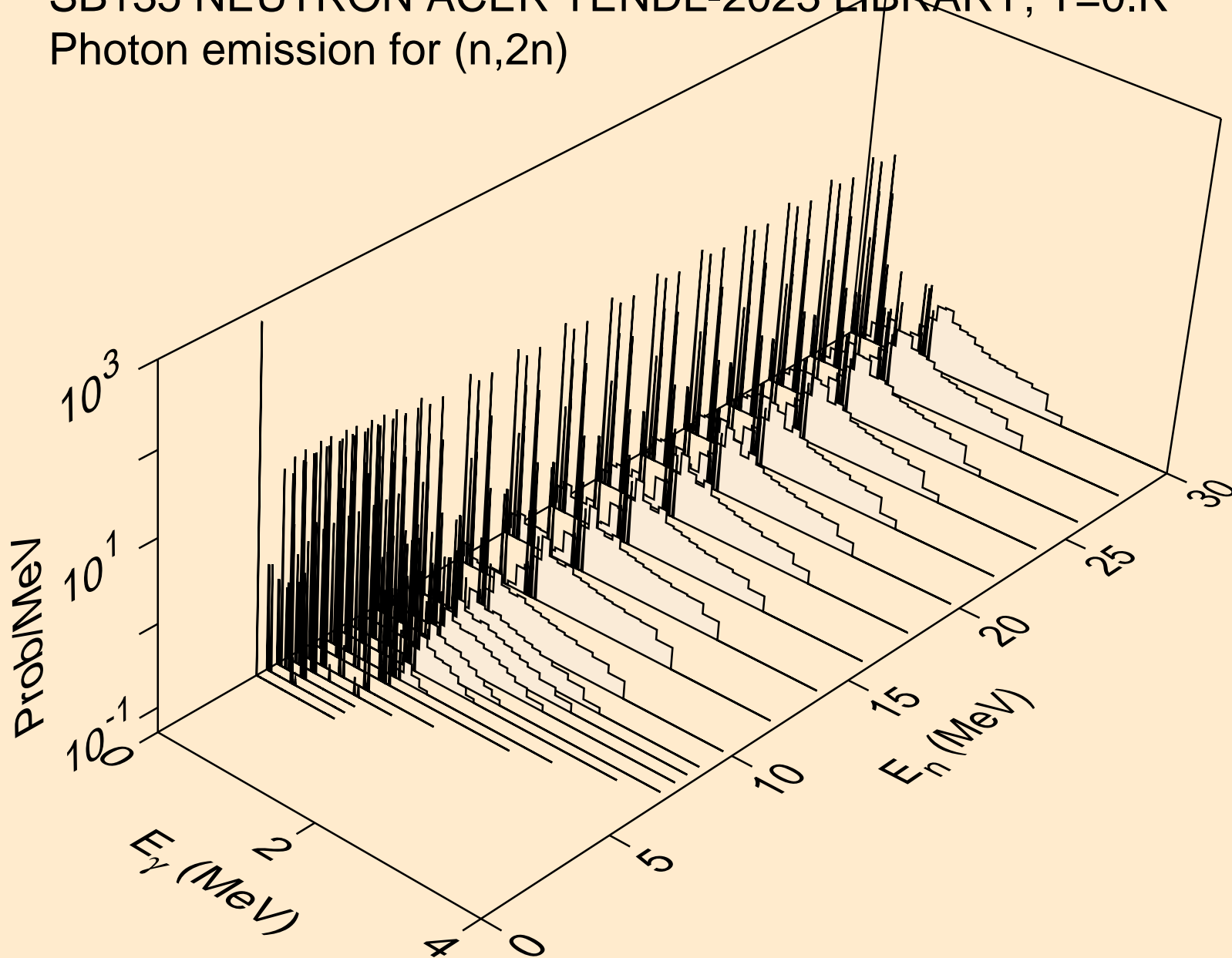
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



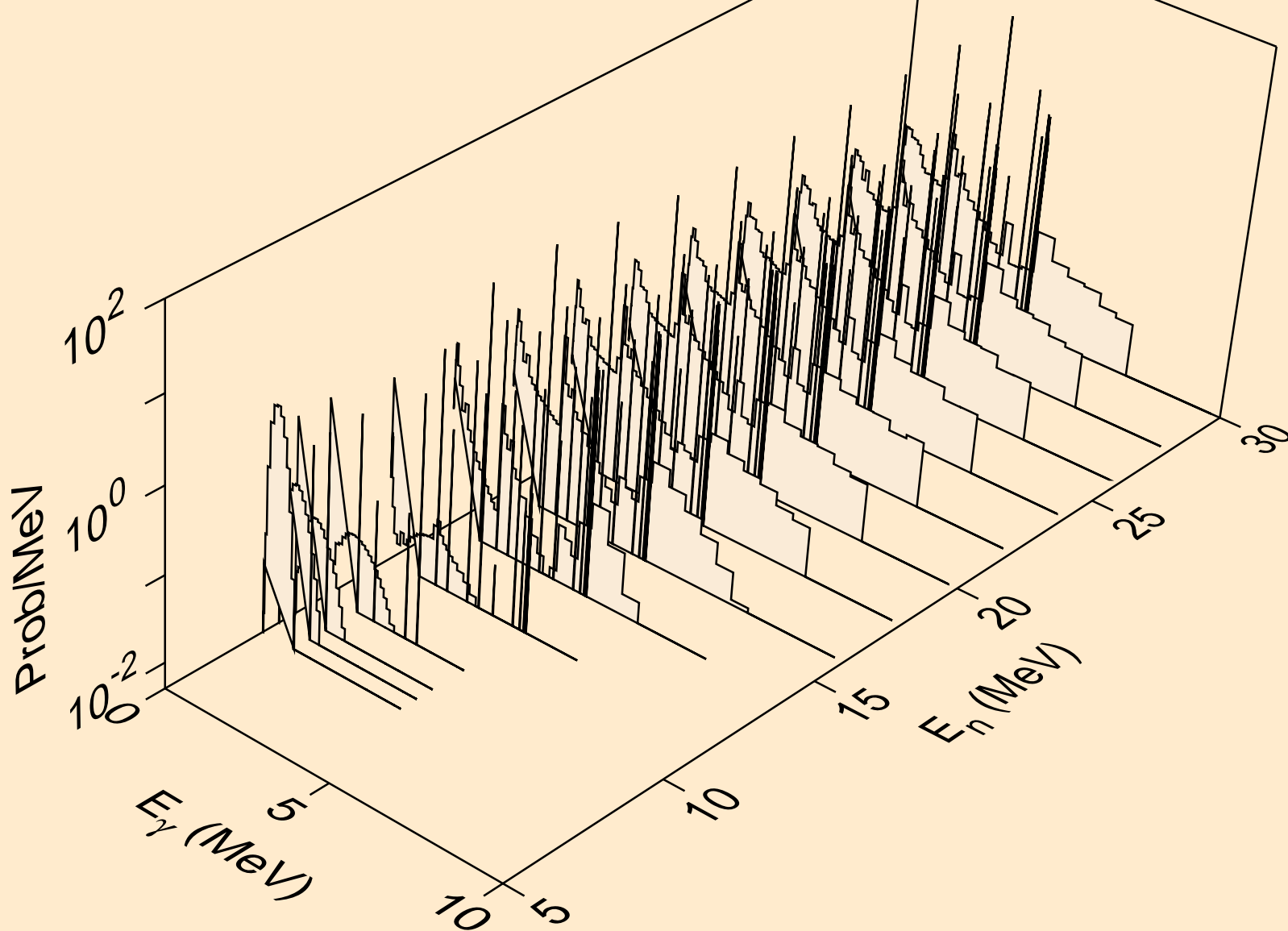
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Photon emission for (n,2nd)



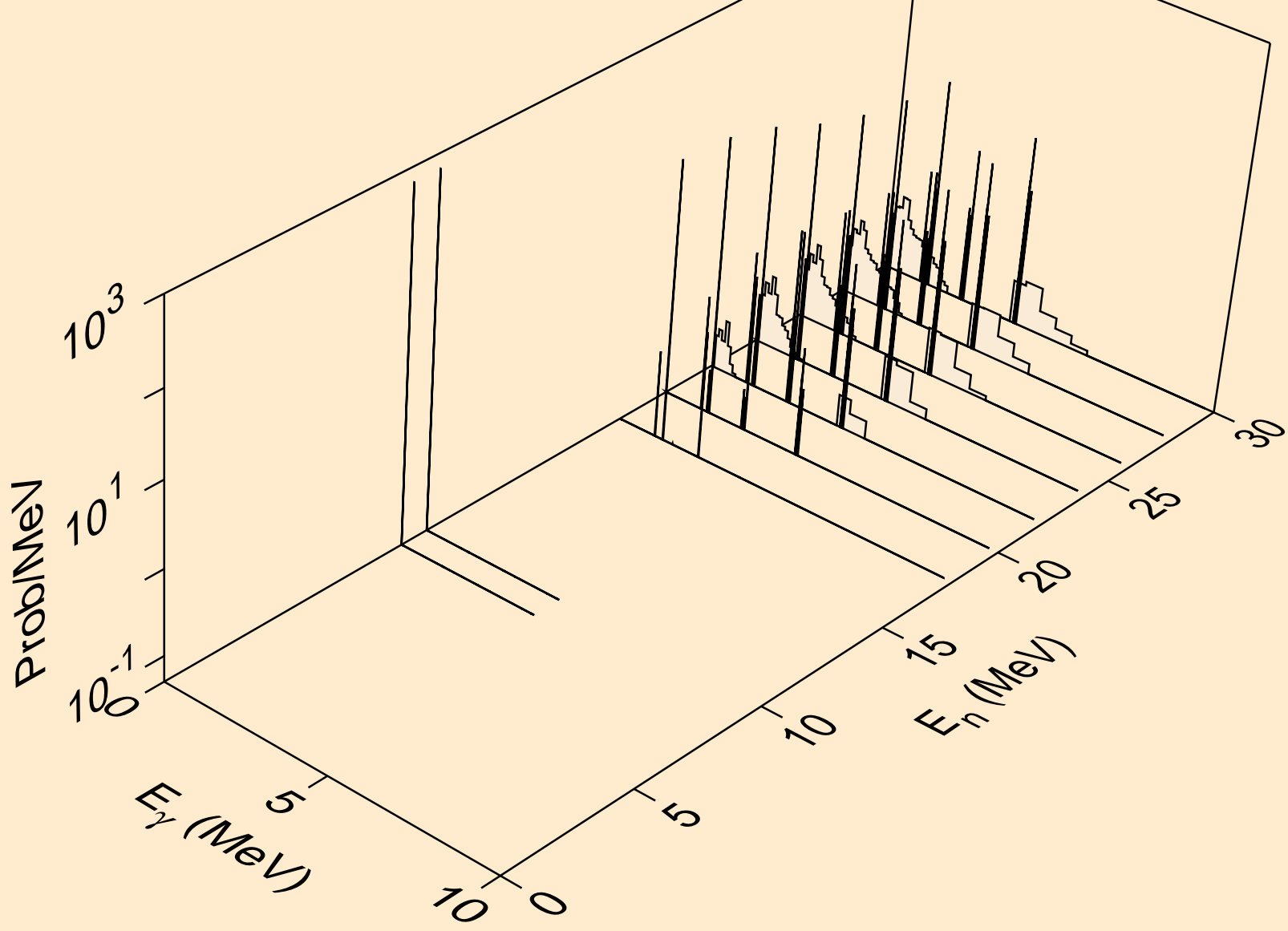
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Photon emission for (n,2n)



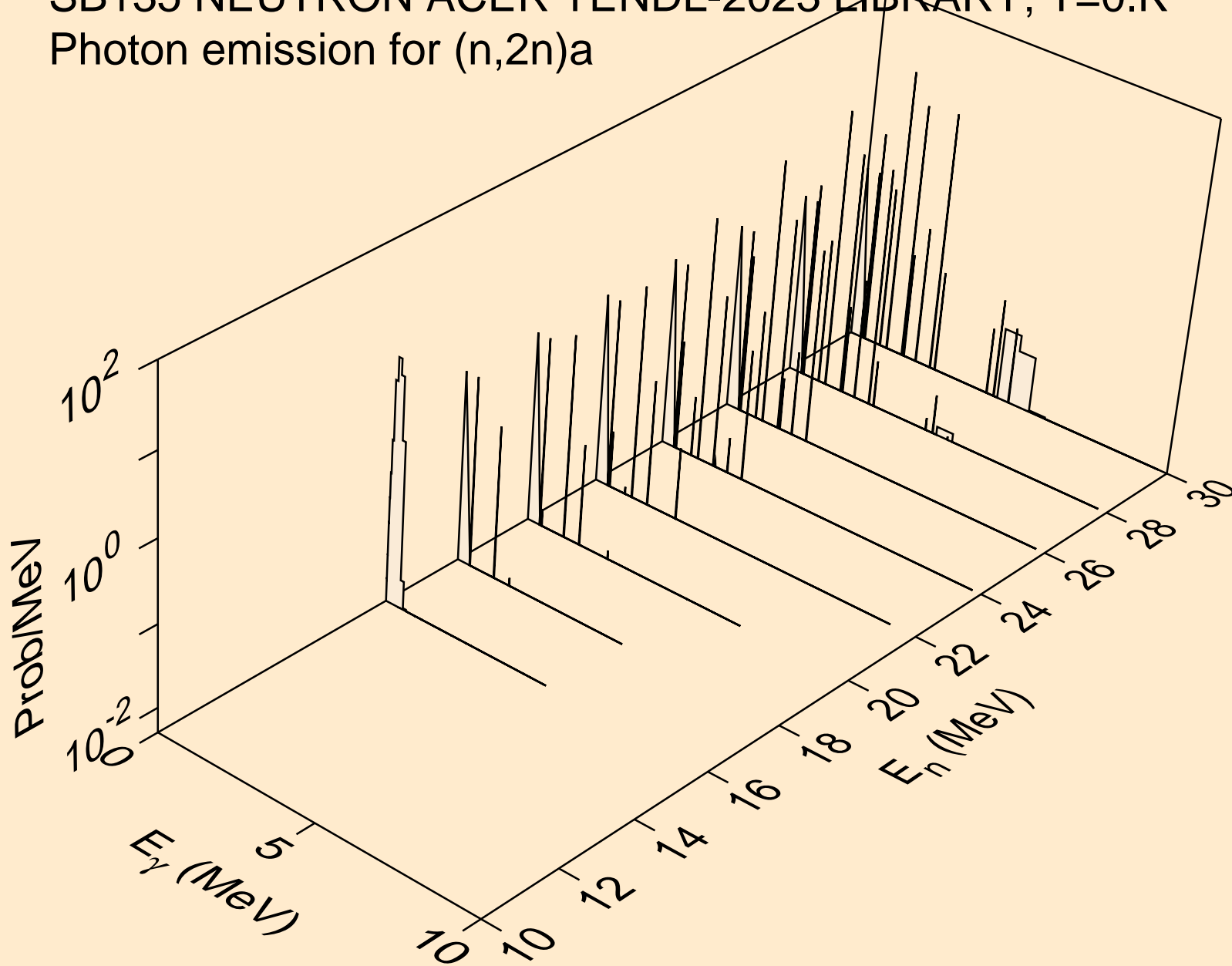
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Photon emission for (n,3n)



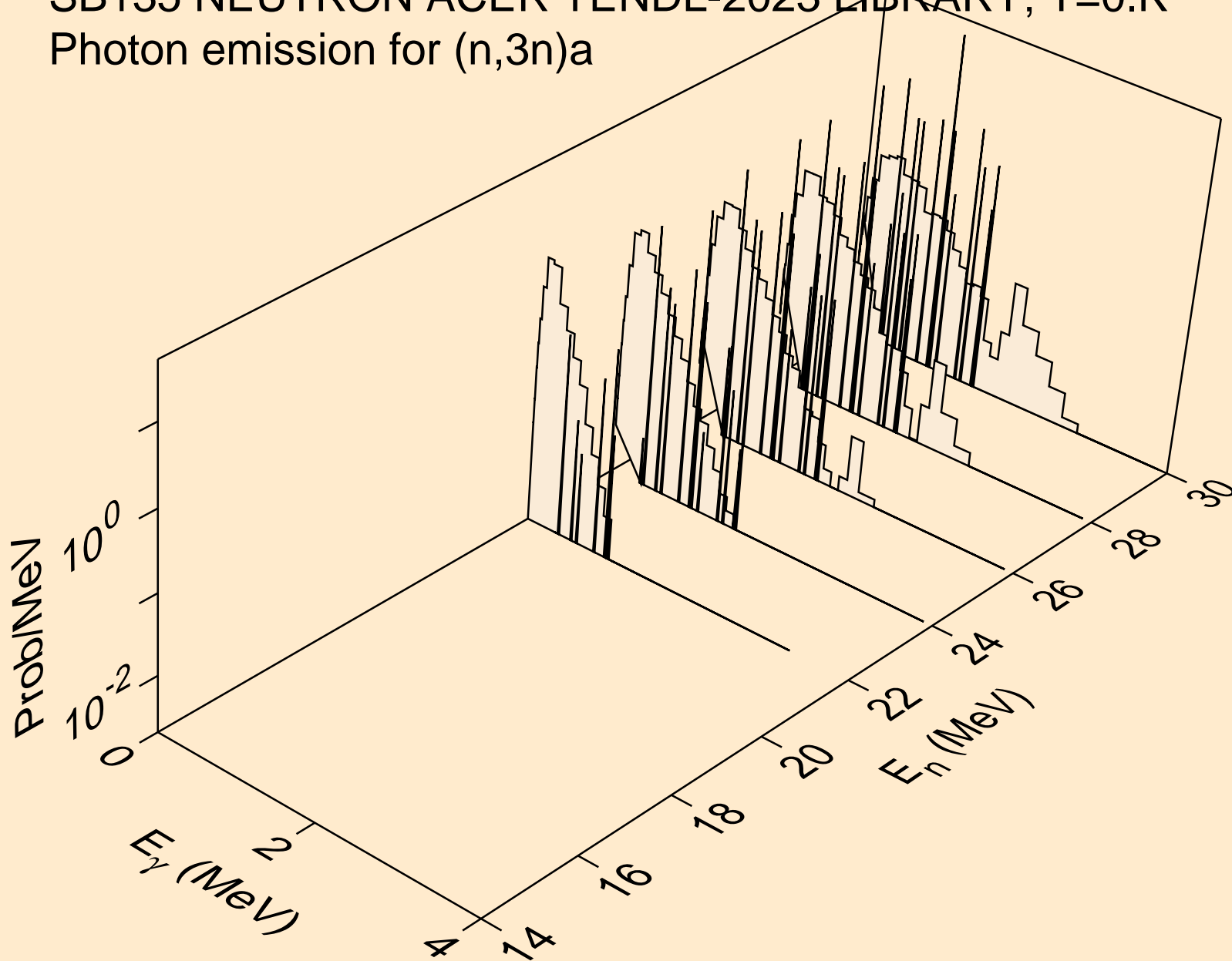
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

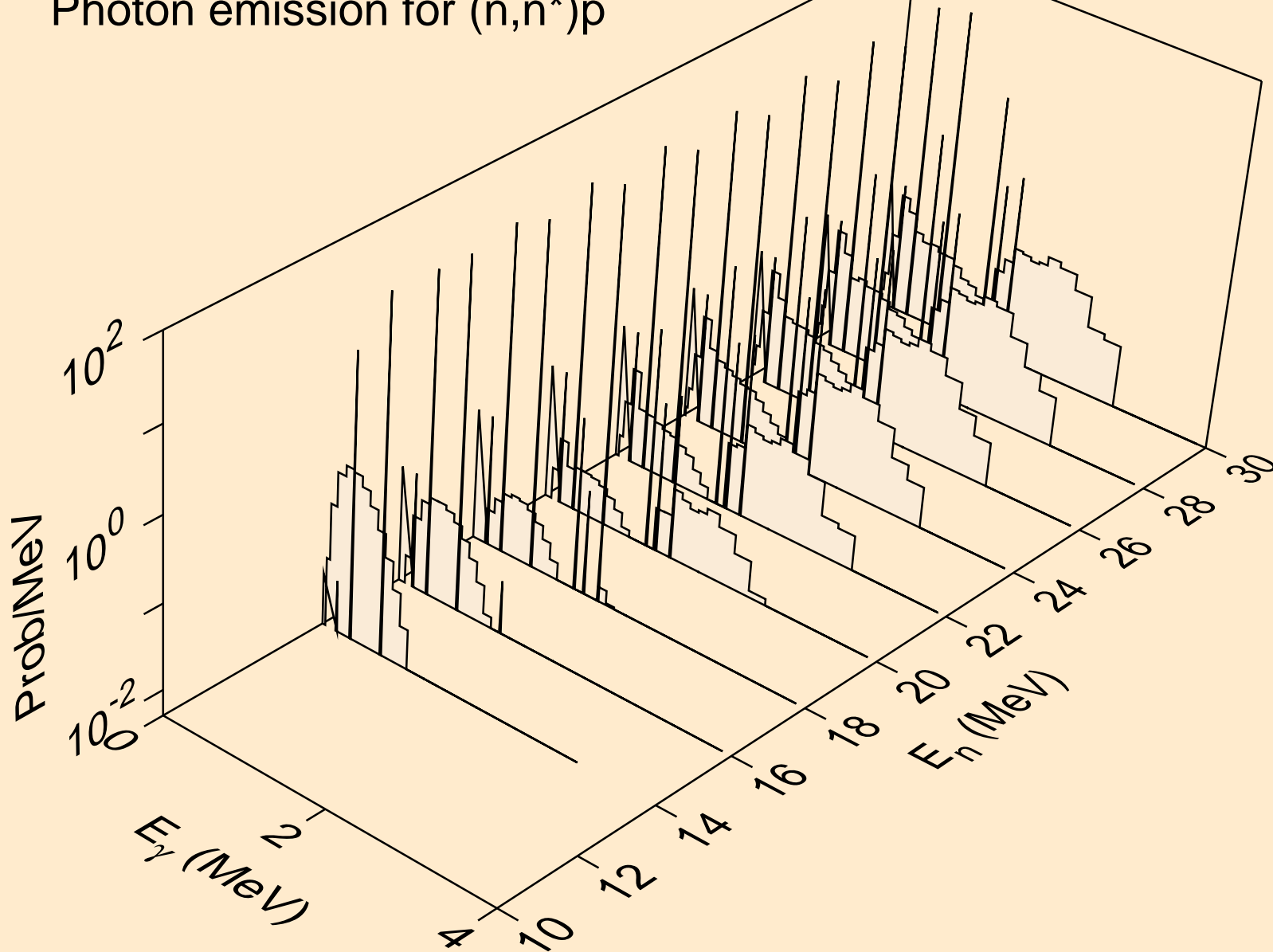


SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

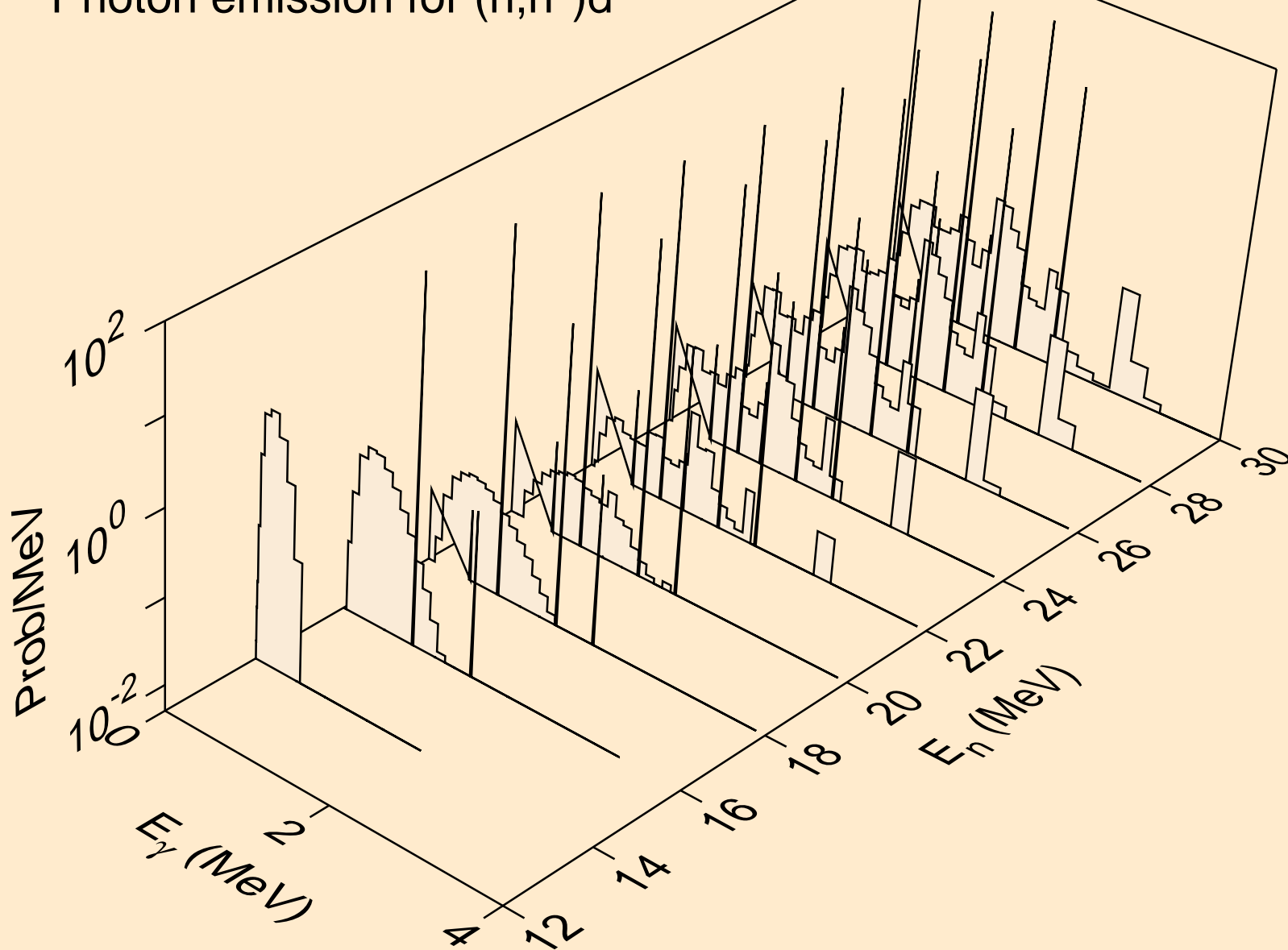




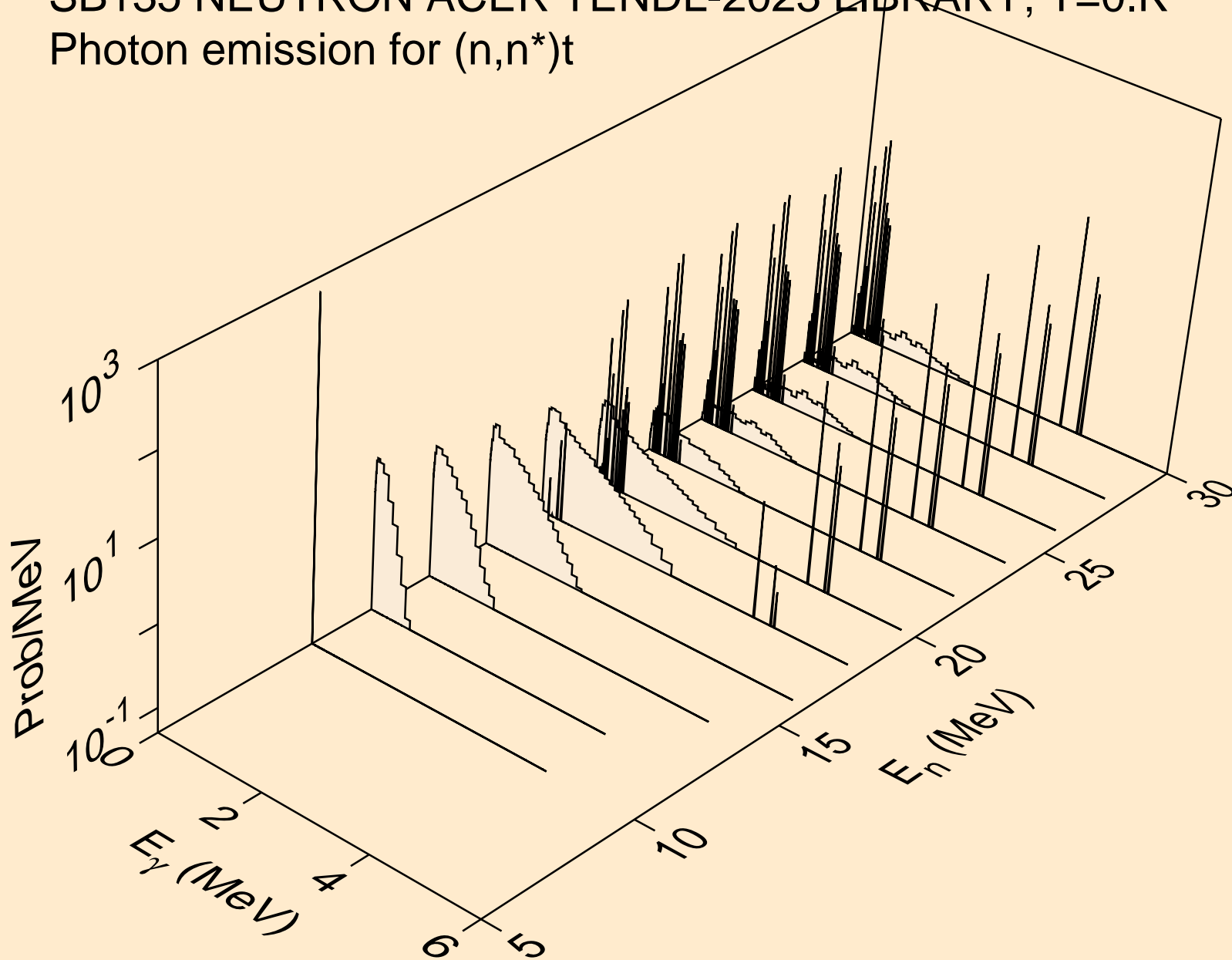
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



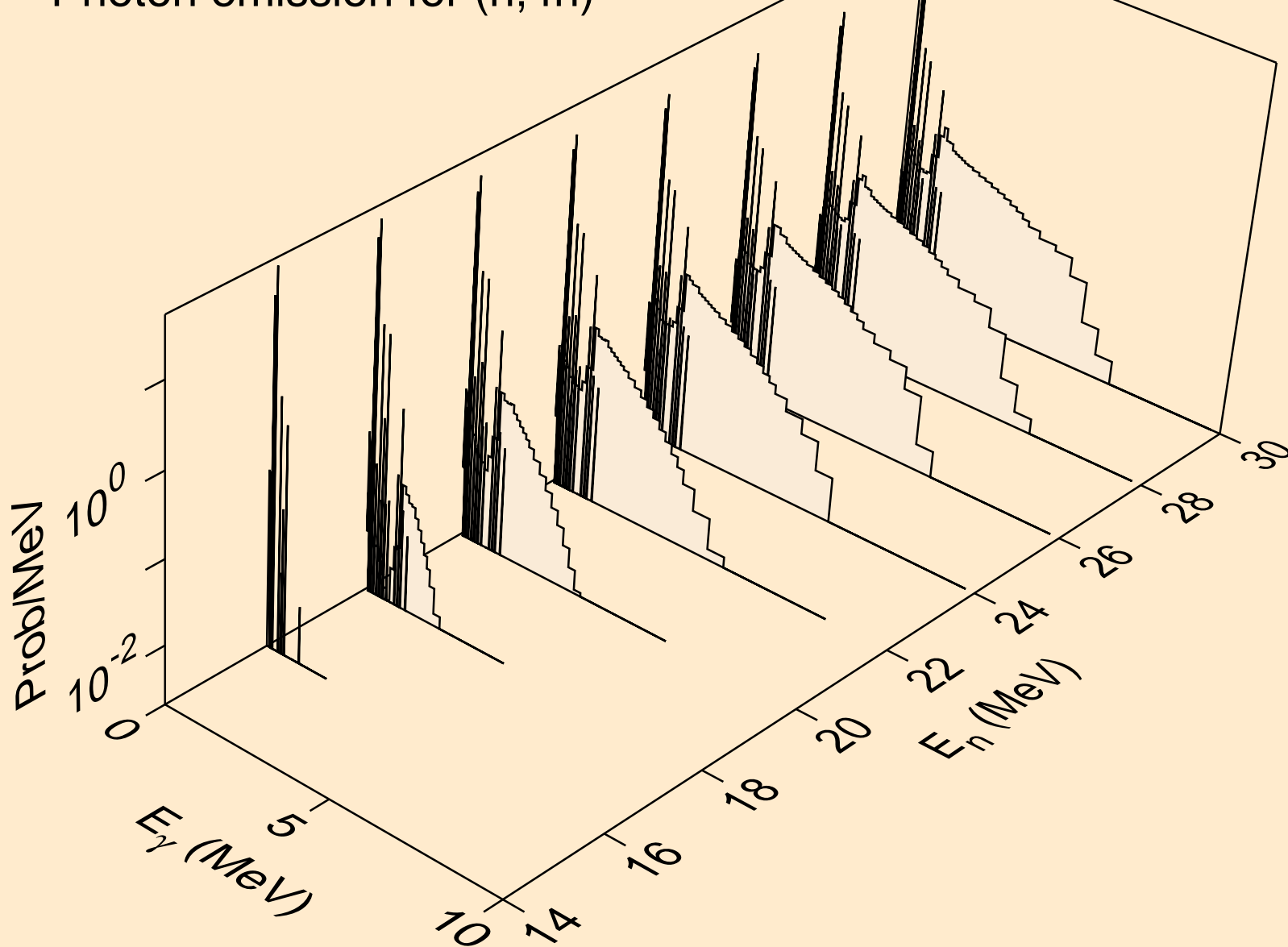
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



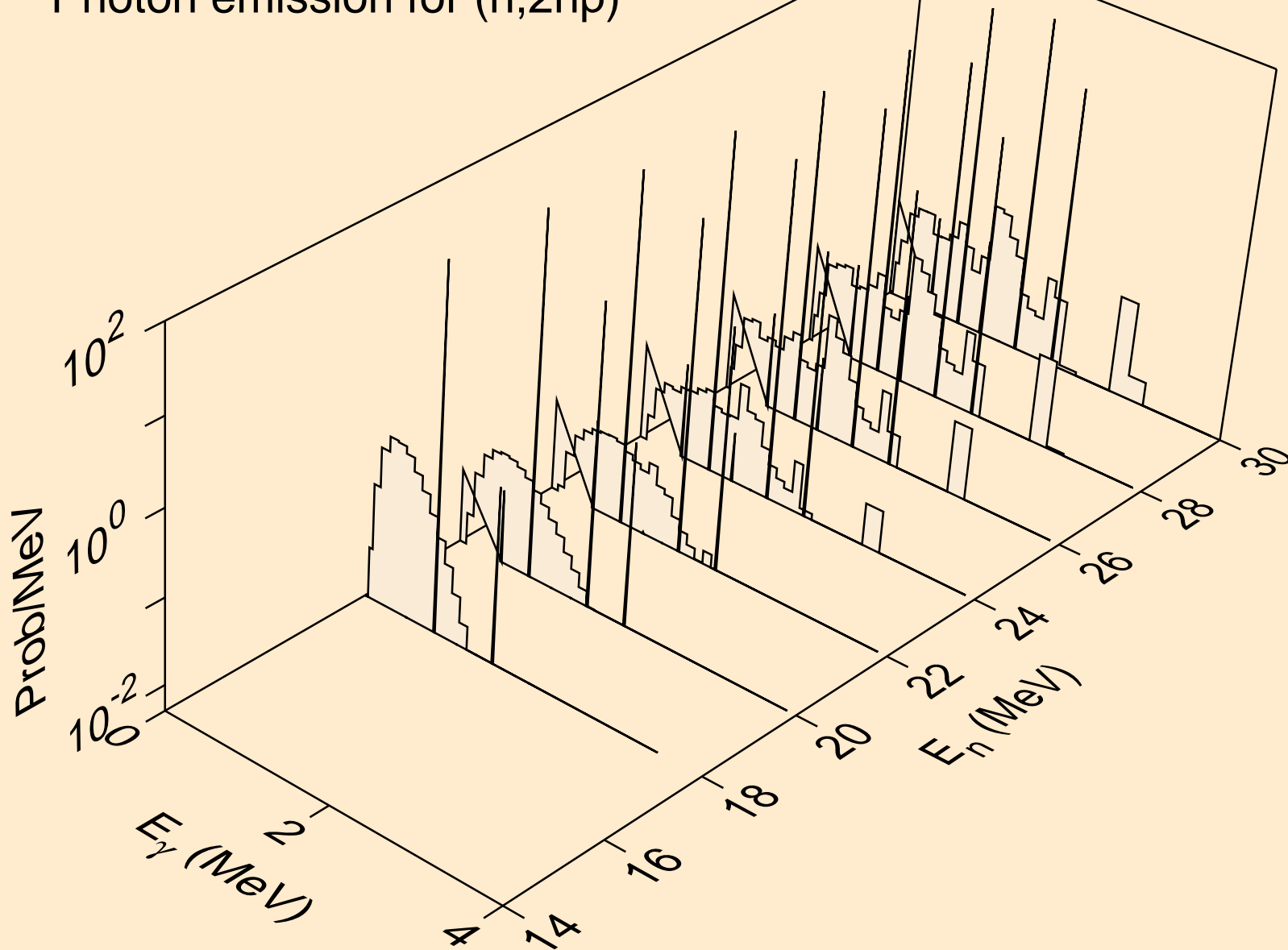
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Photon emission for (n,n\*)t



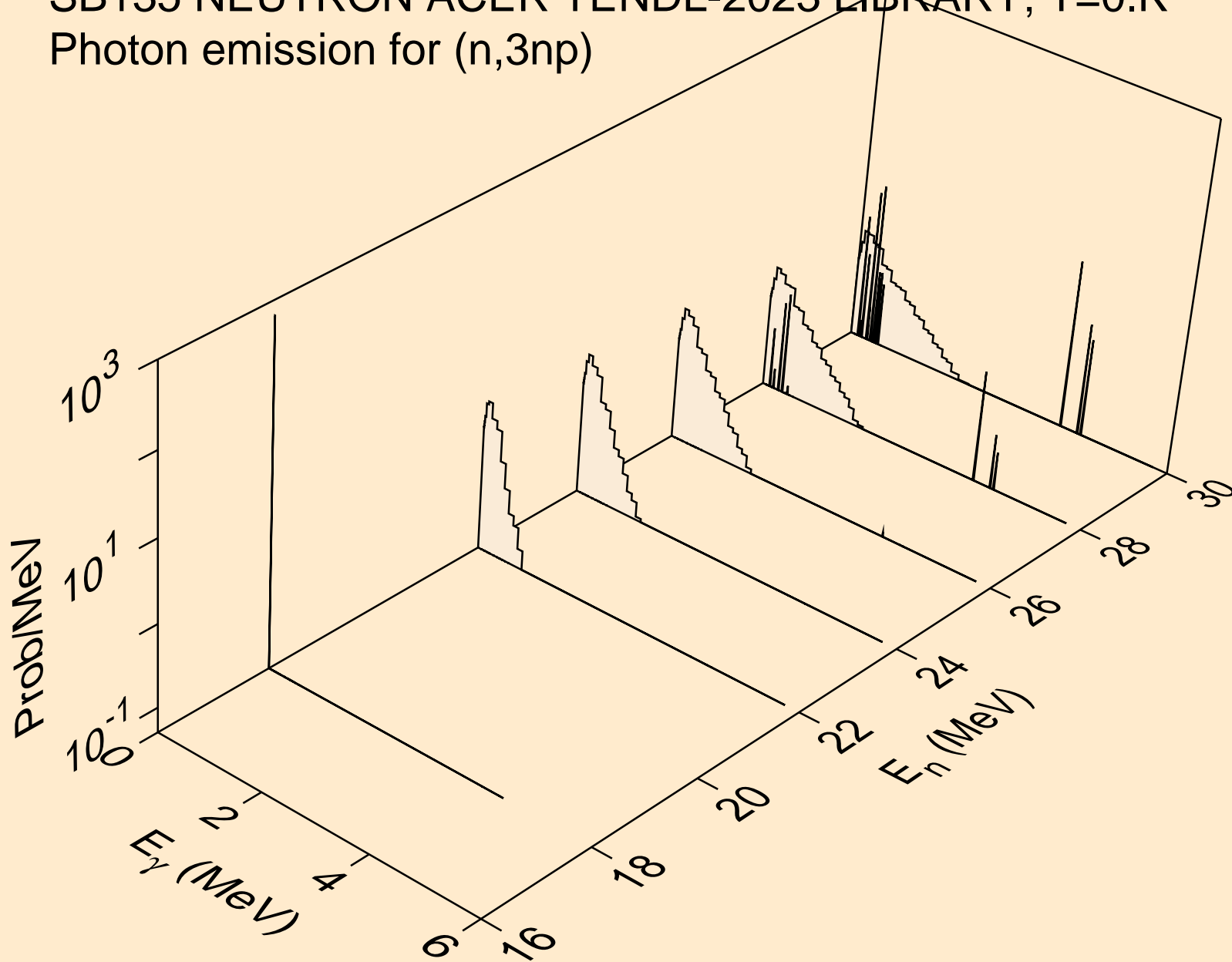
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Photon emission for (n,4n)



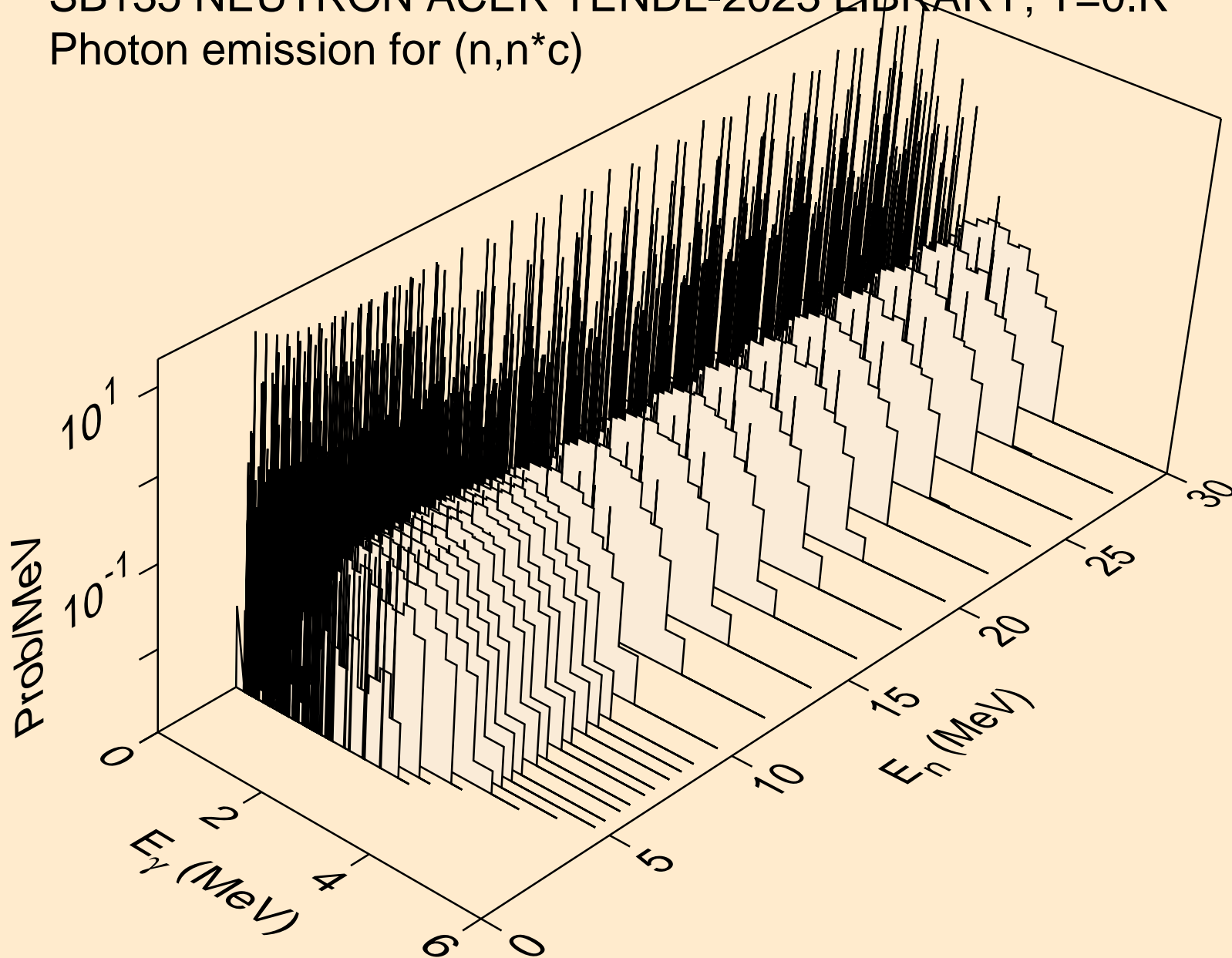
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Photon emission for (n,2np)



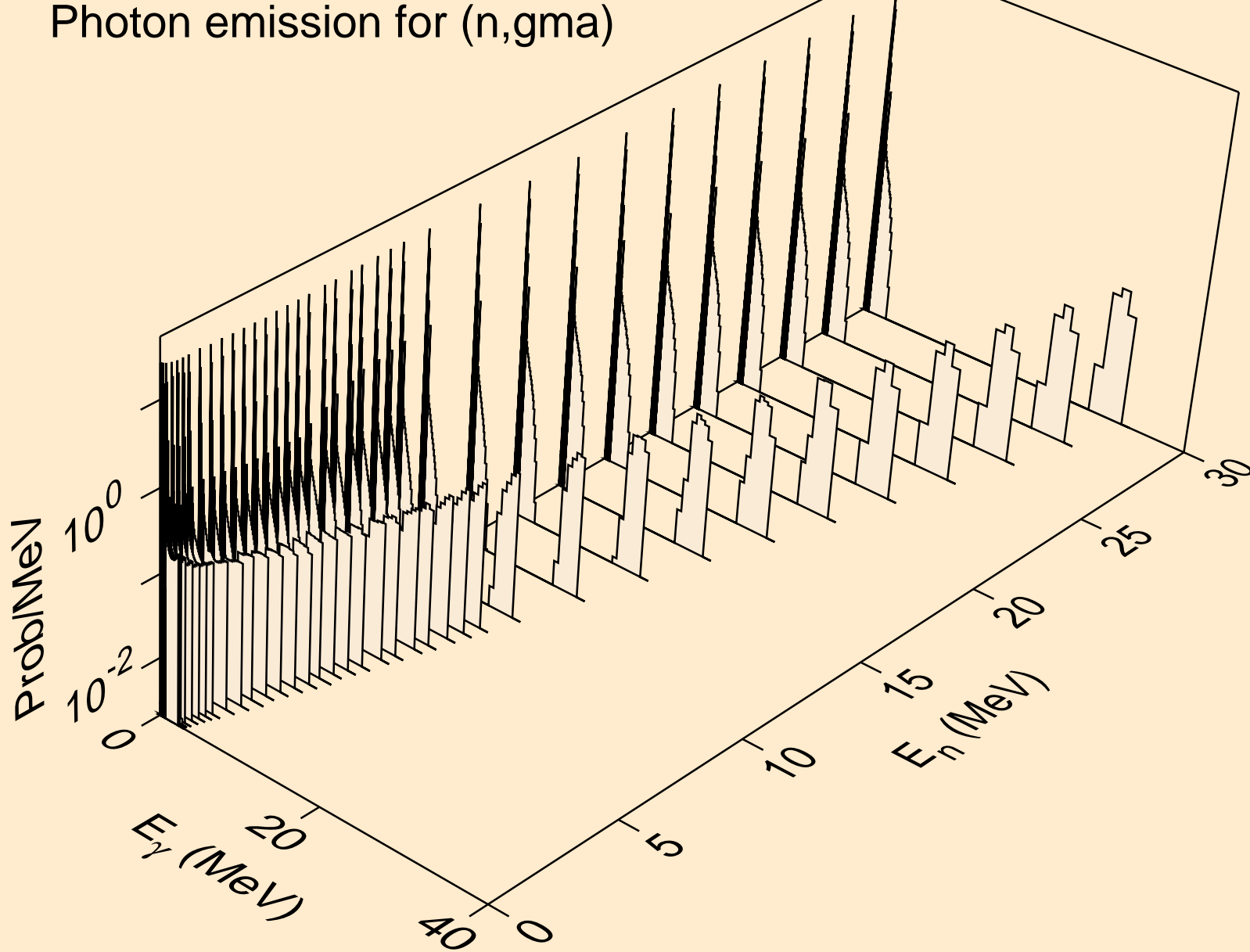
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

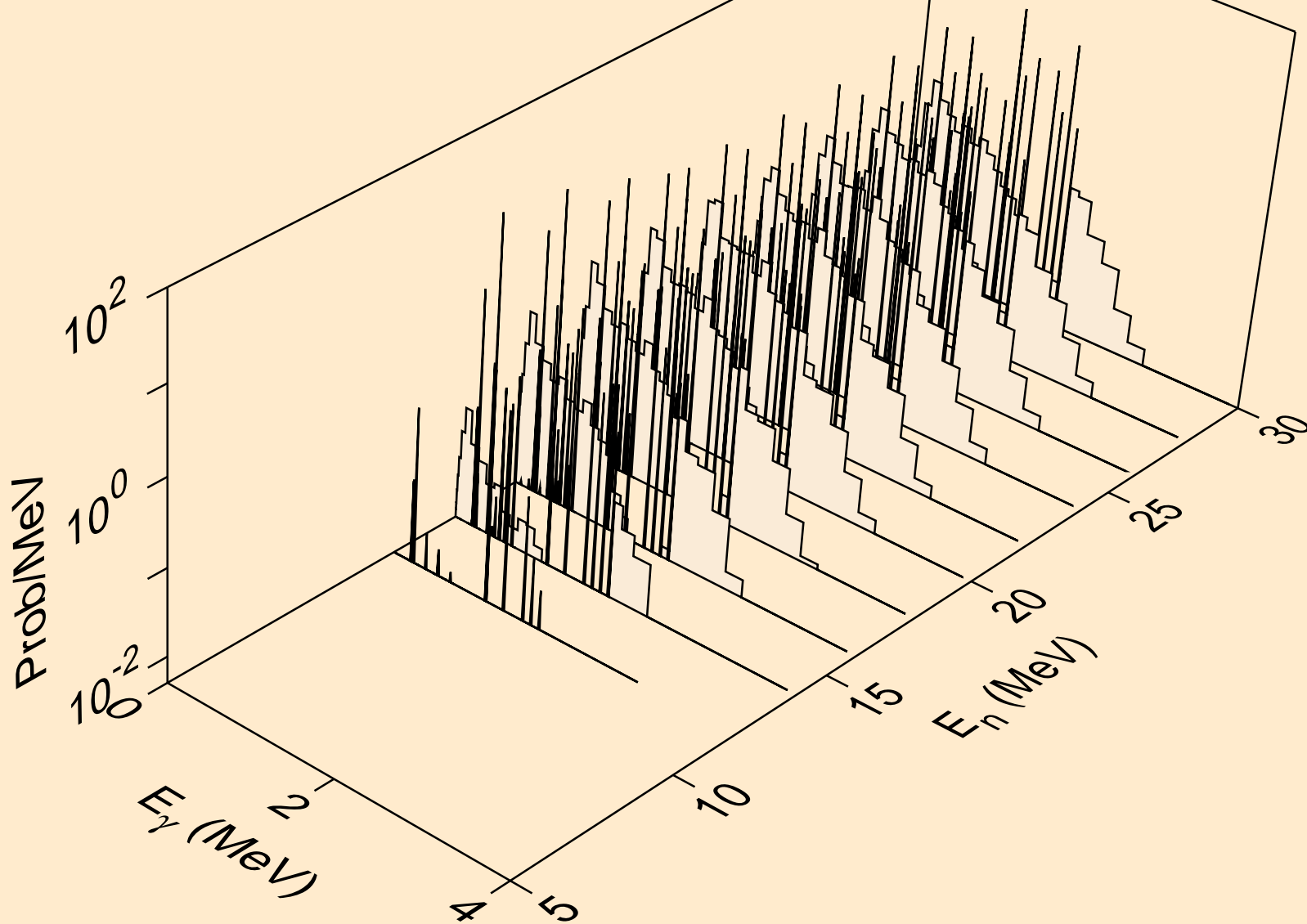


SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

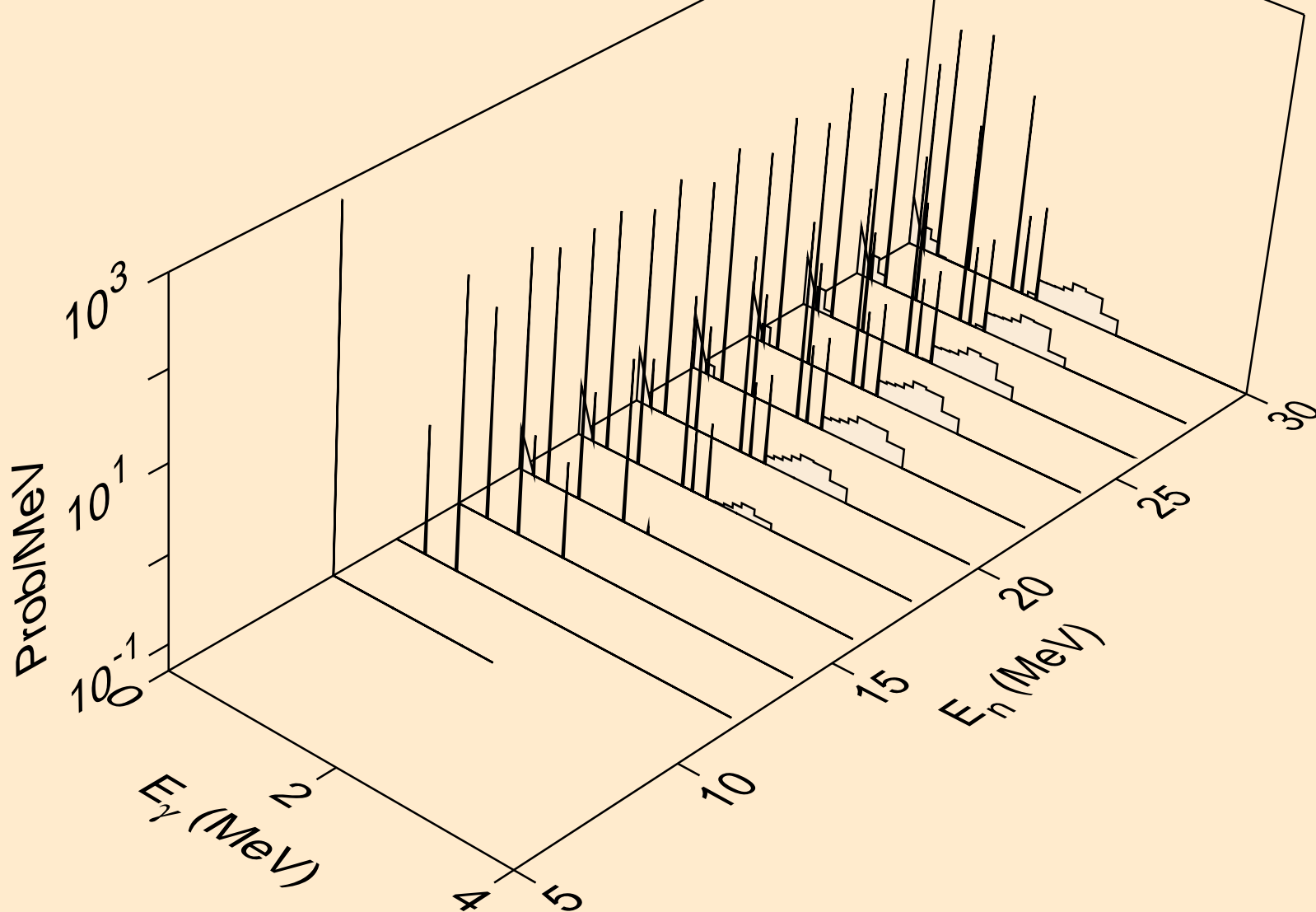




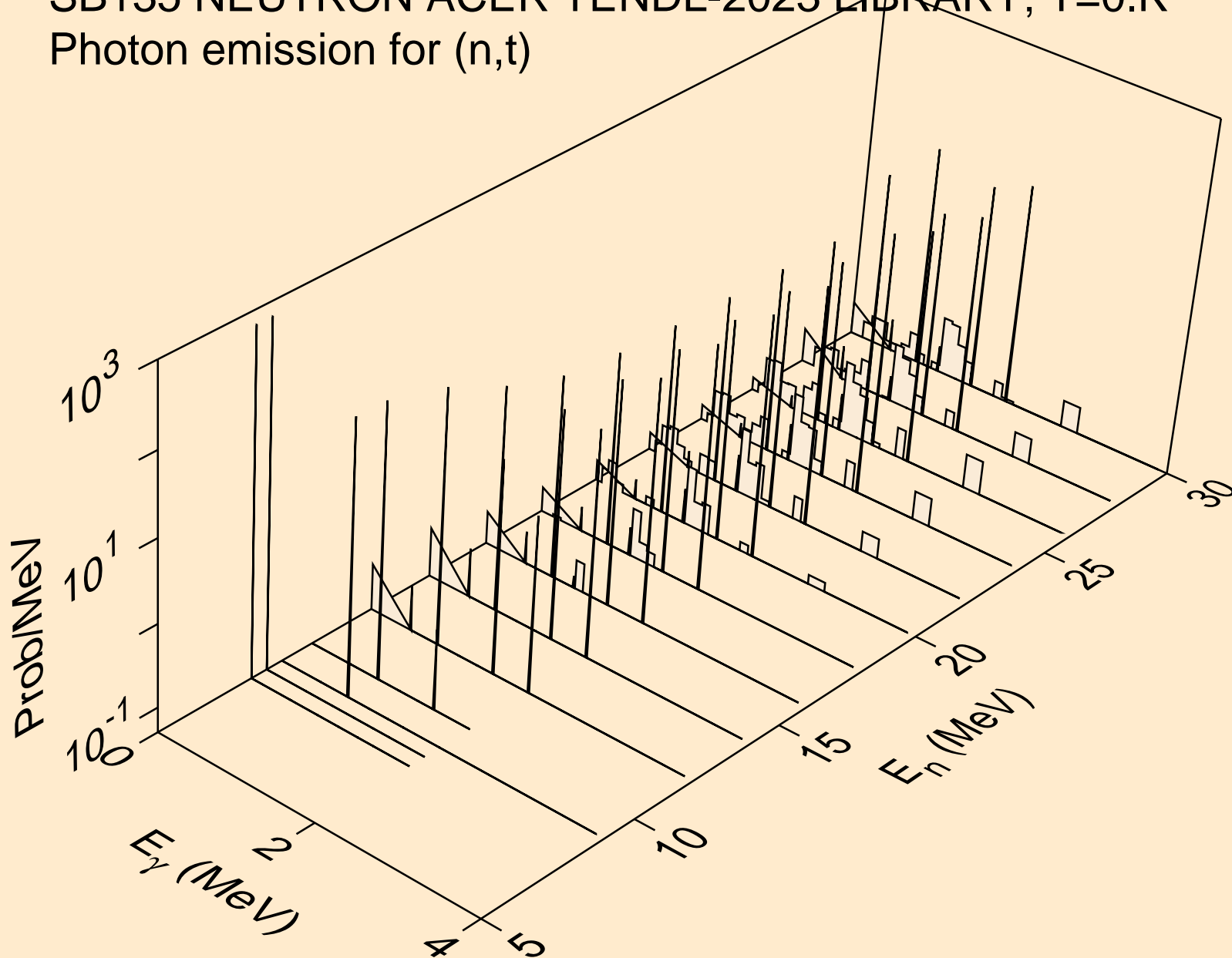
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



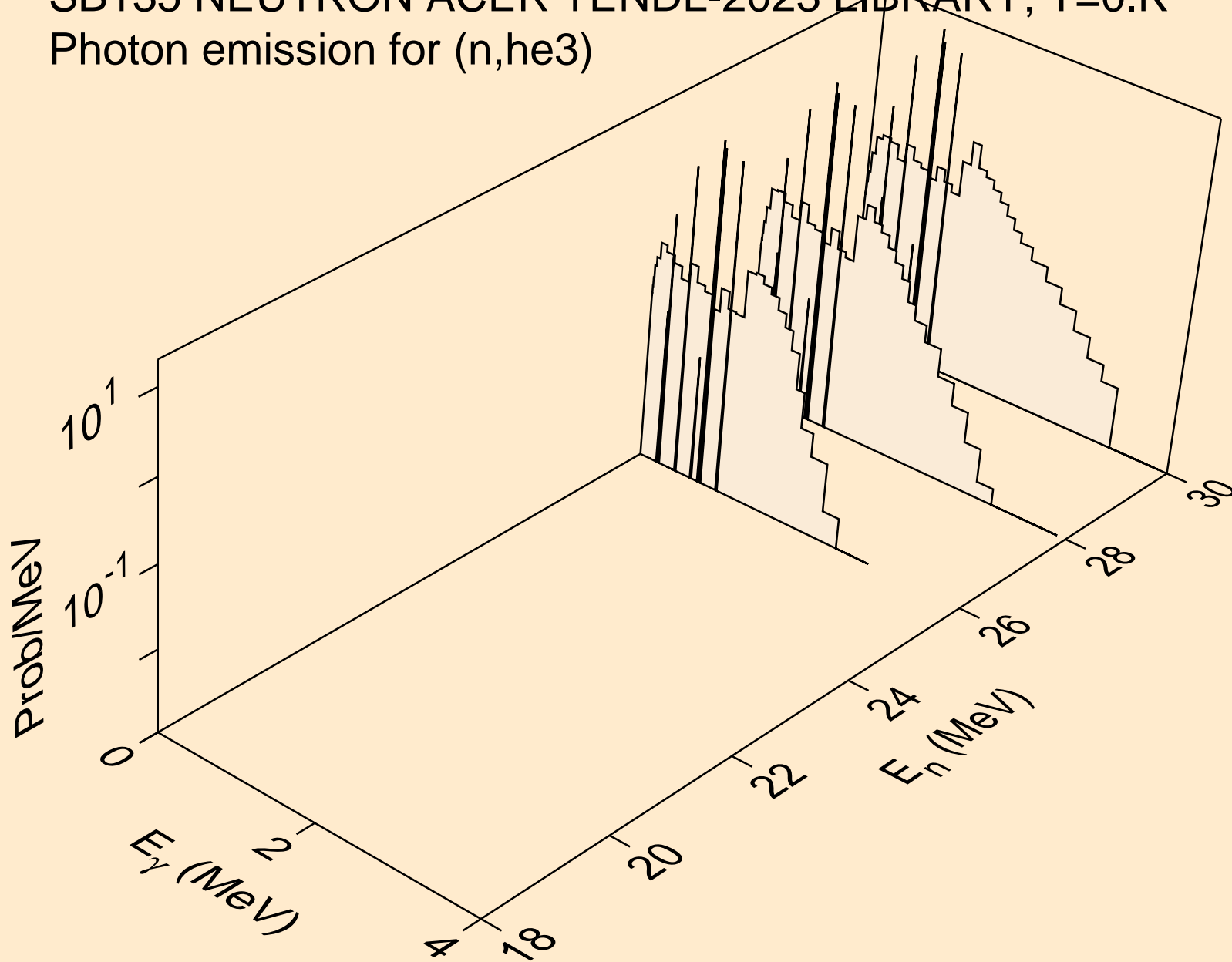
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Photon emission for (n,d)



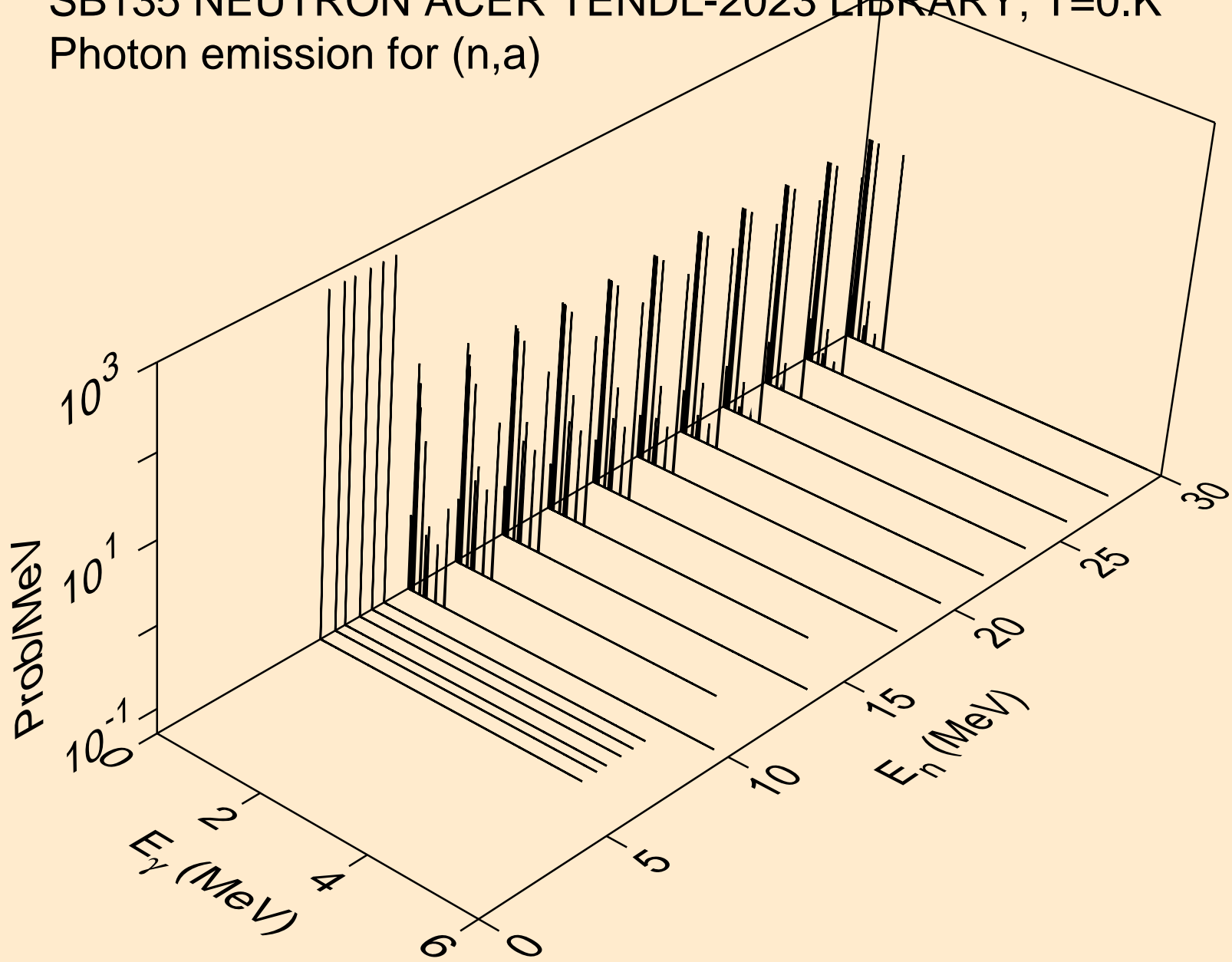
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Photon emission for (n,t)



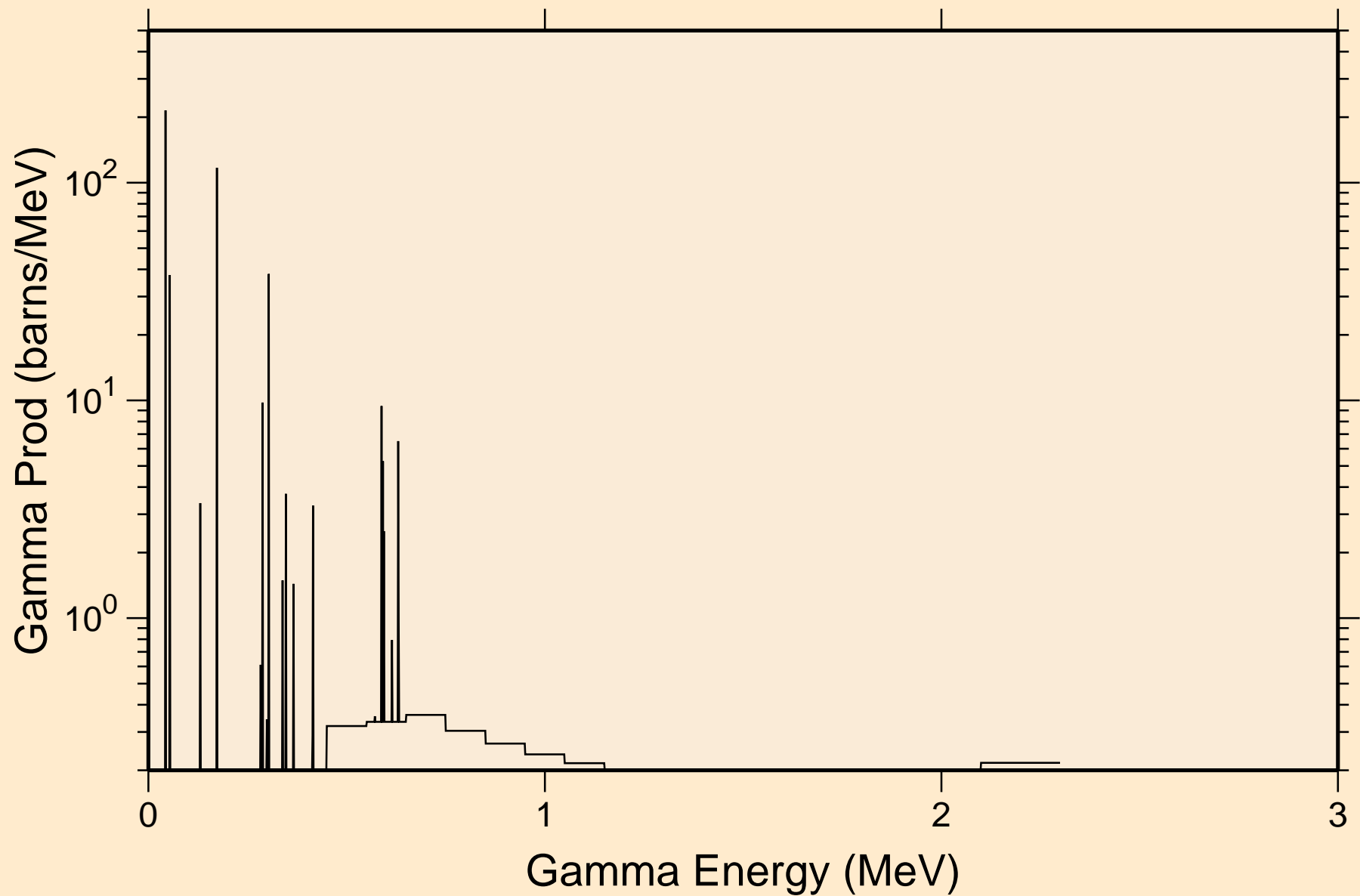
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Photon emission for (n,he3)



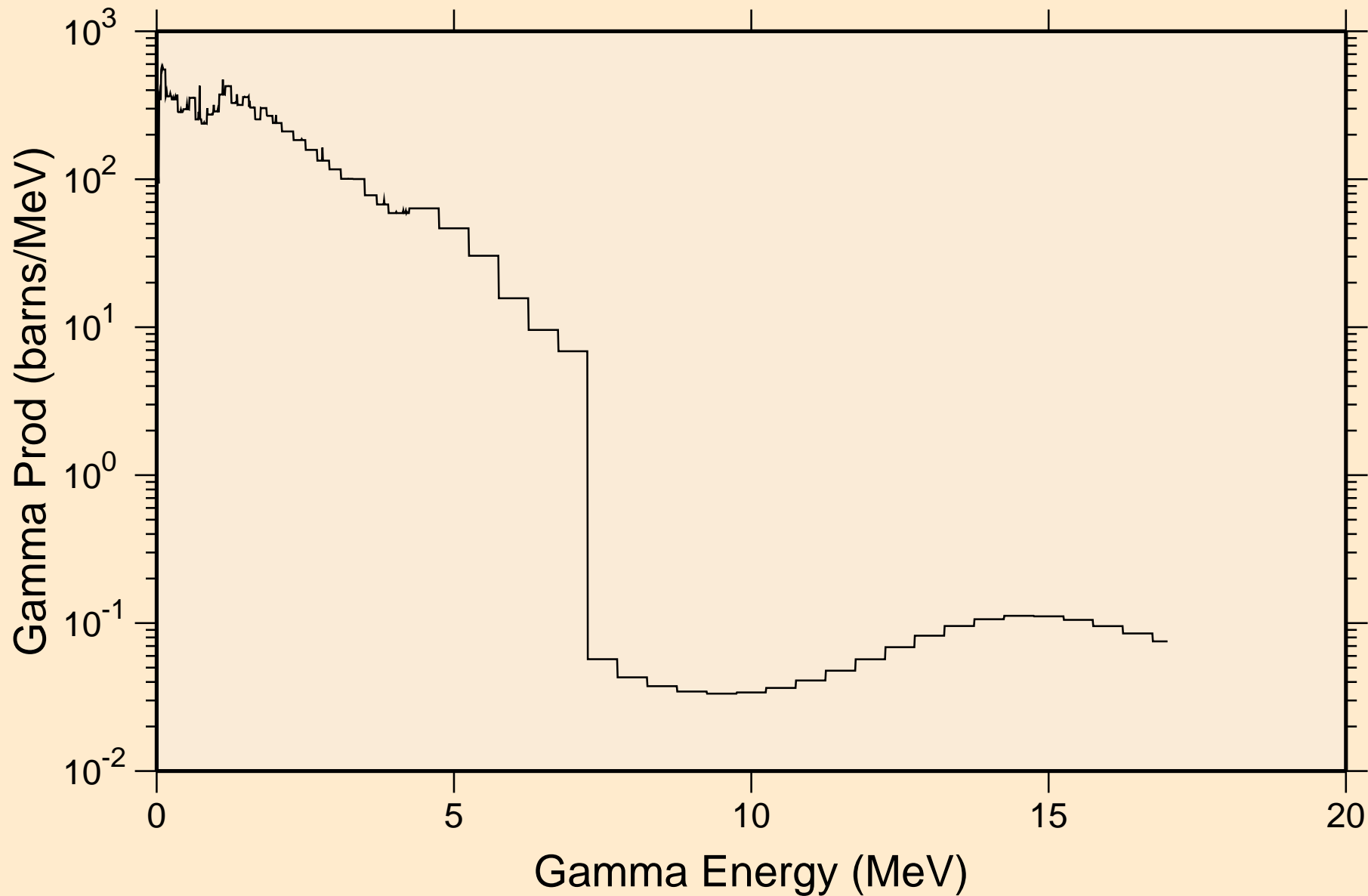
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

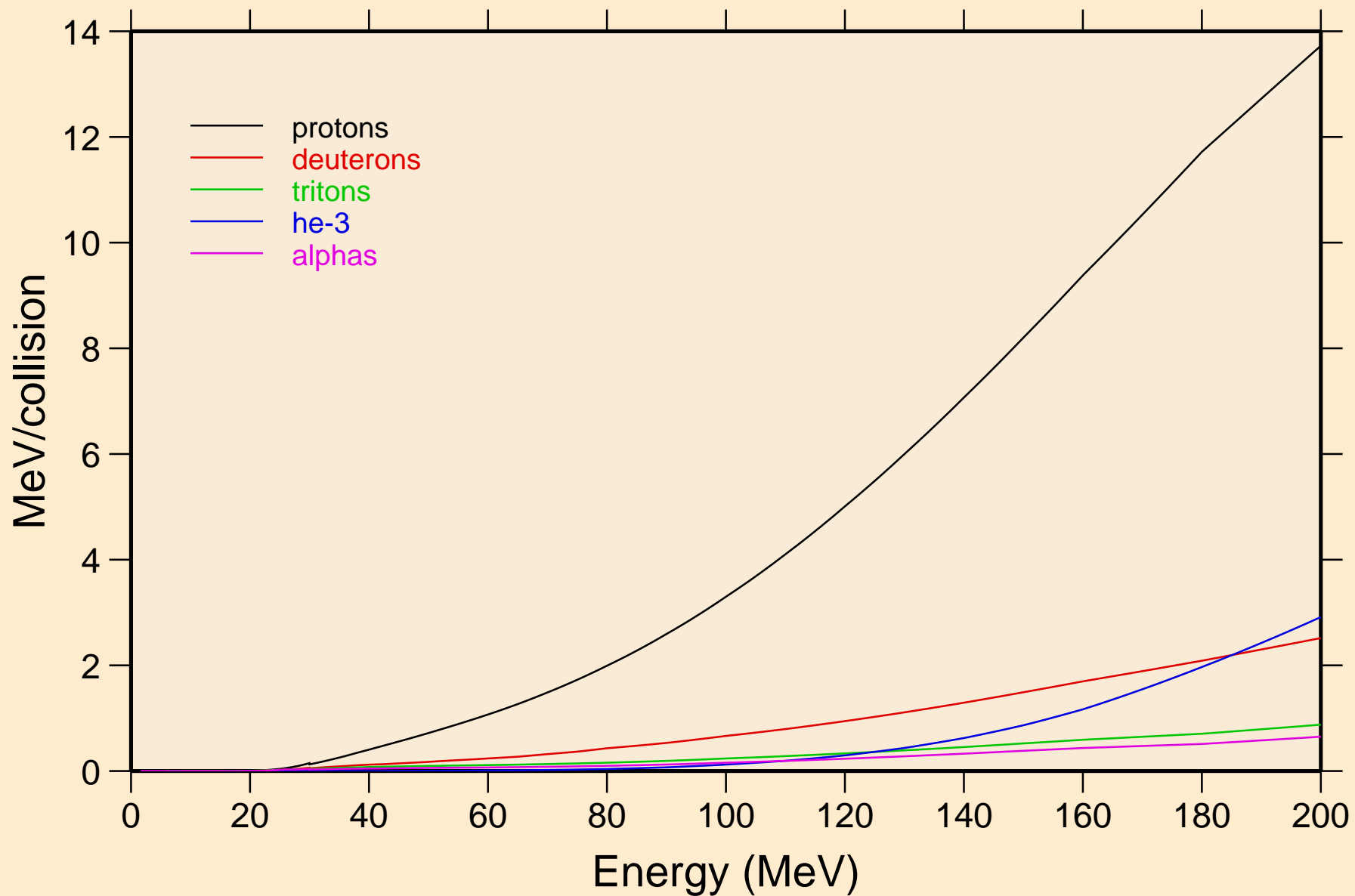


SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum



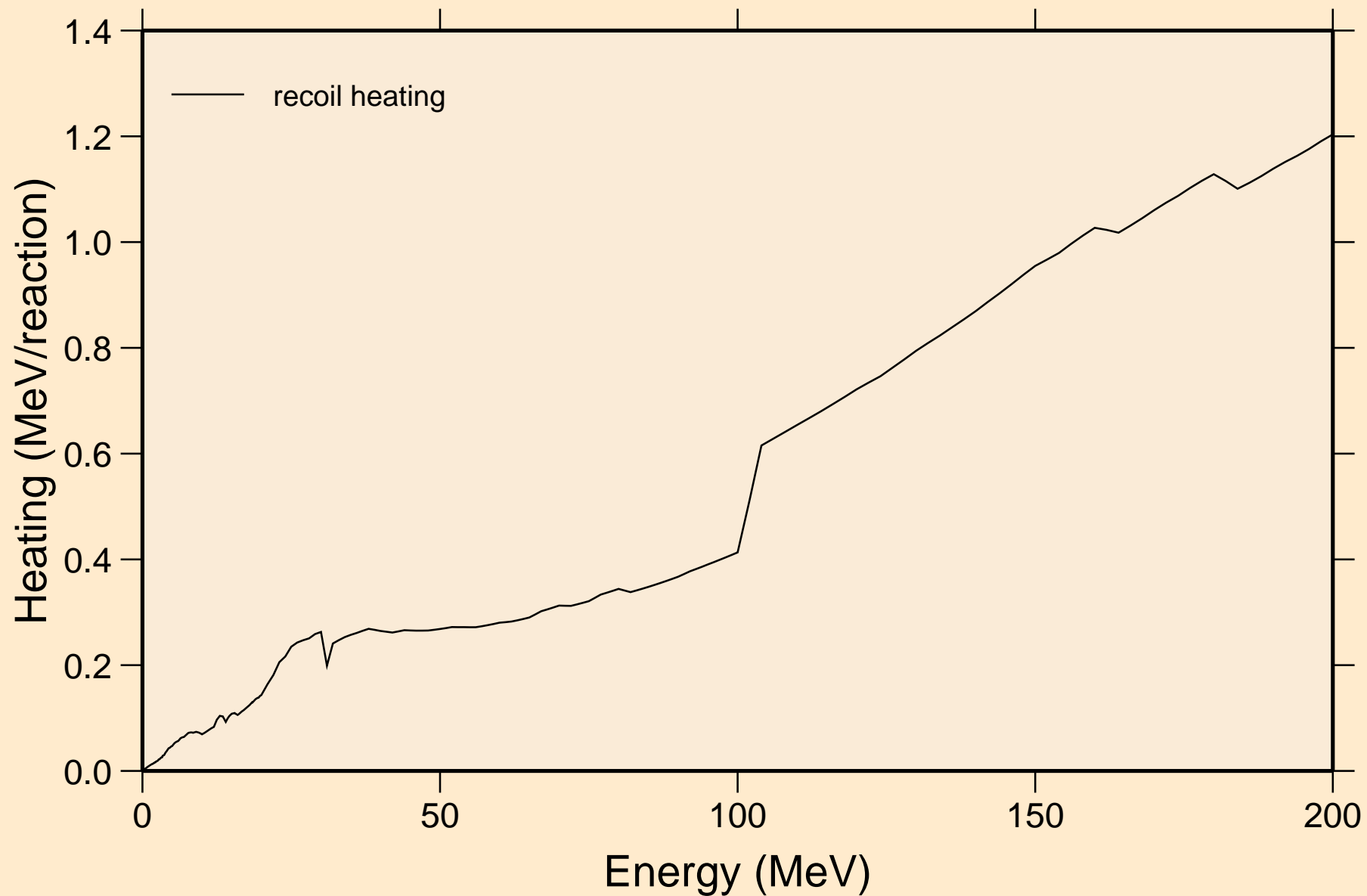
# SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



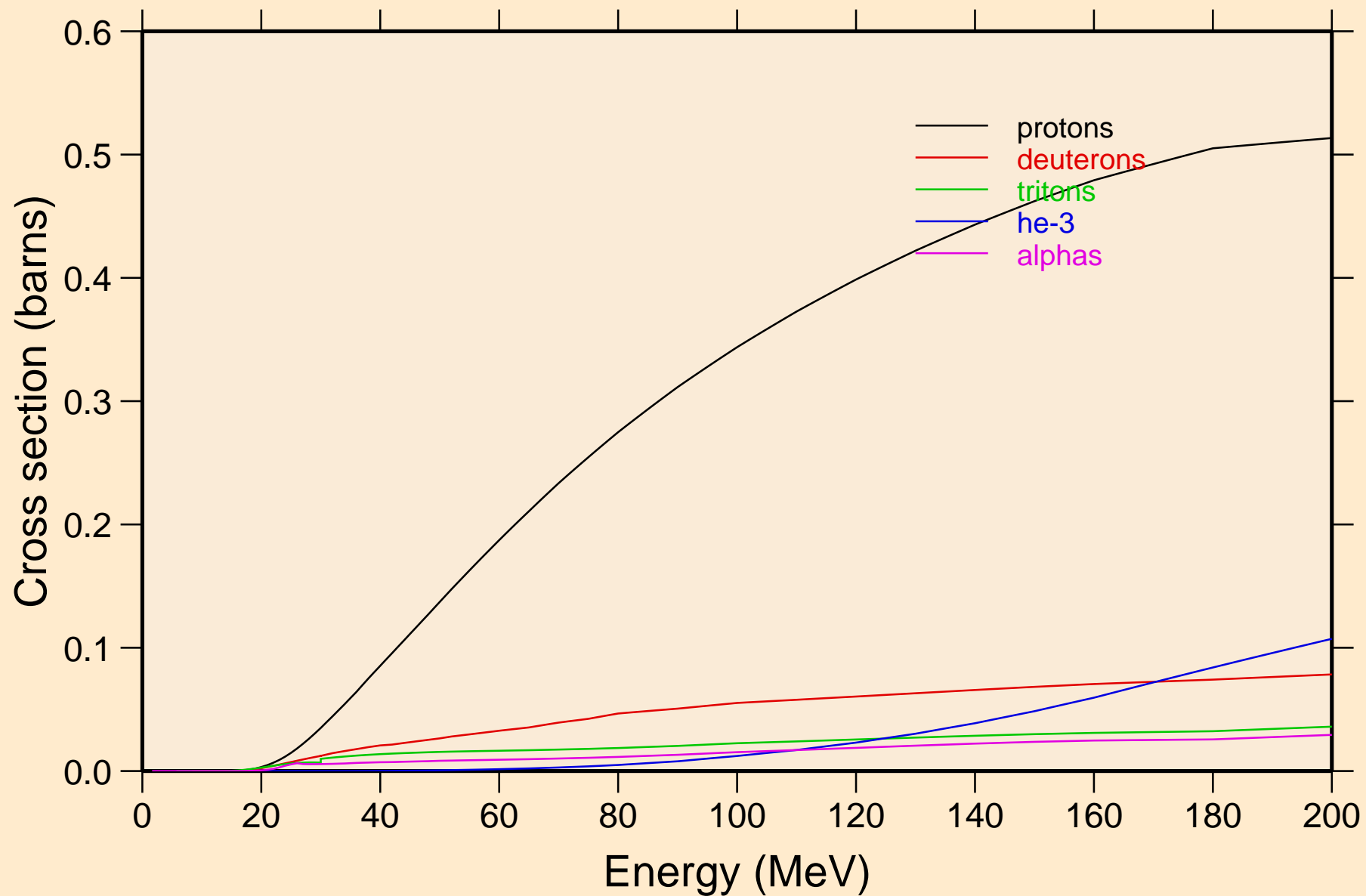


SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

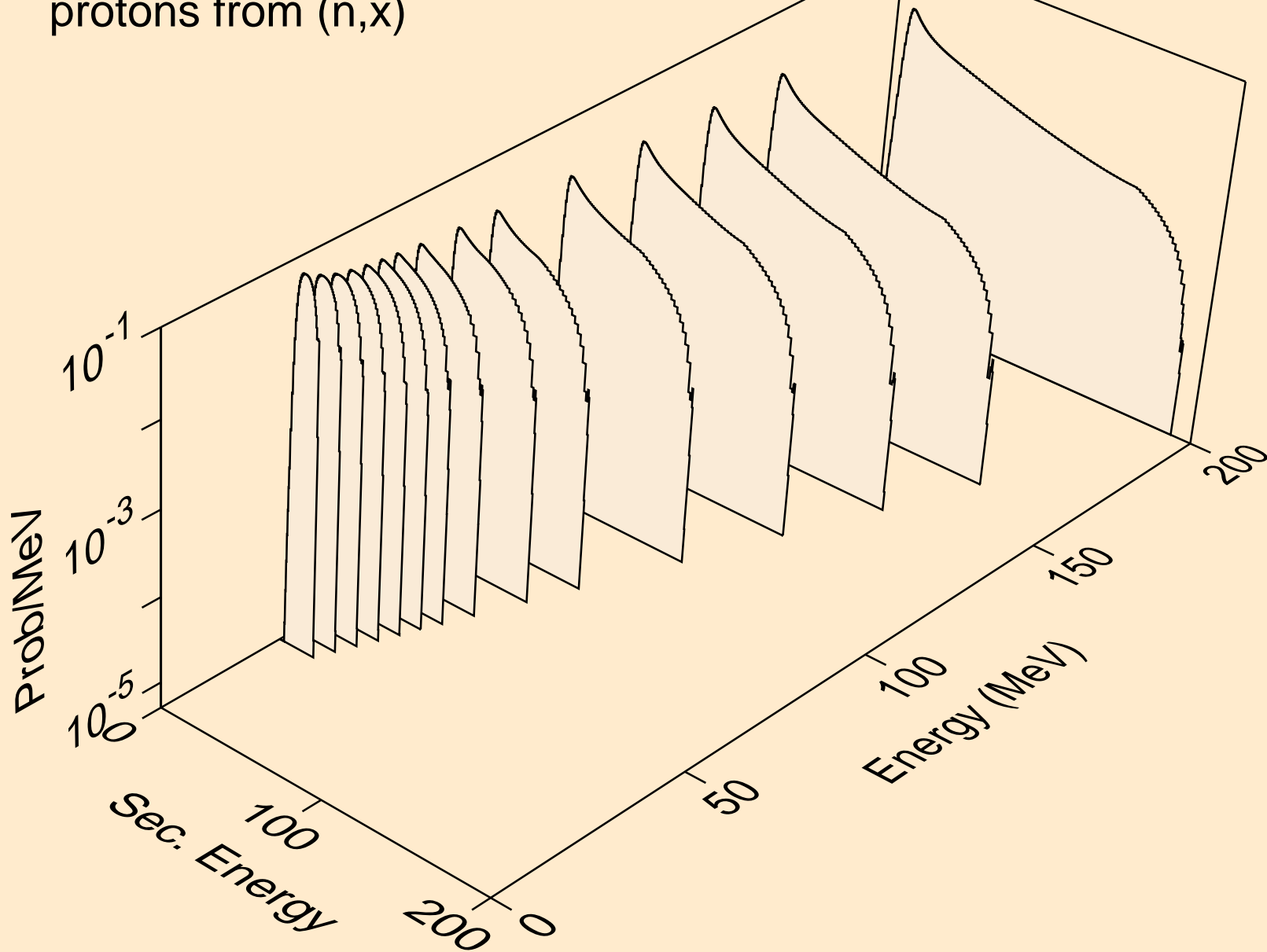


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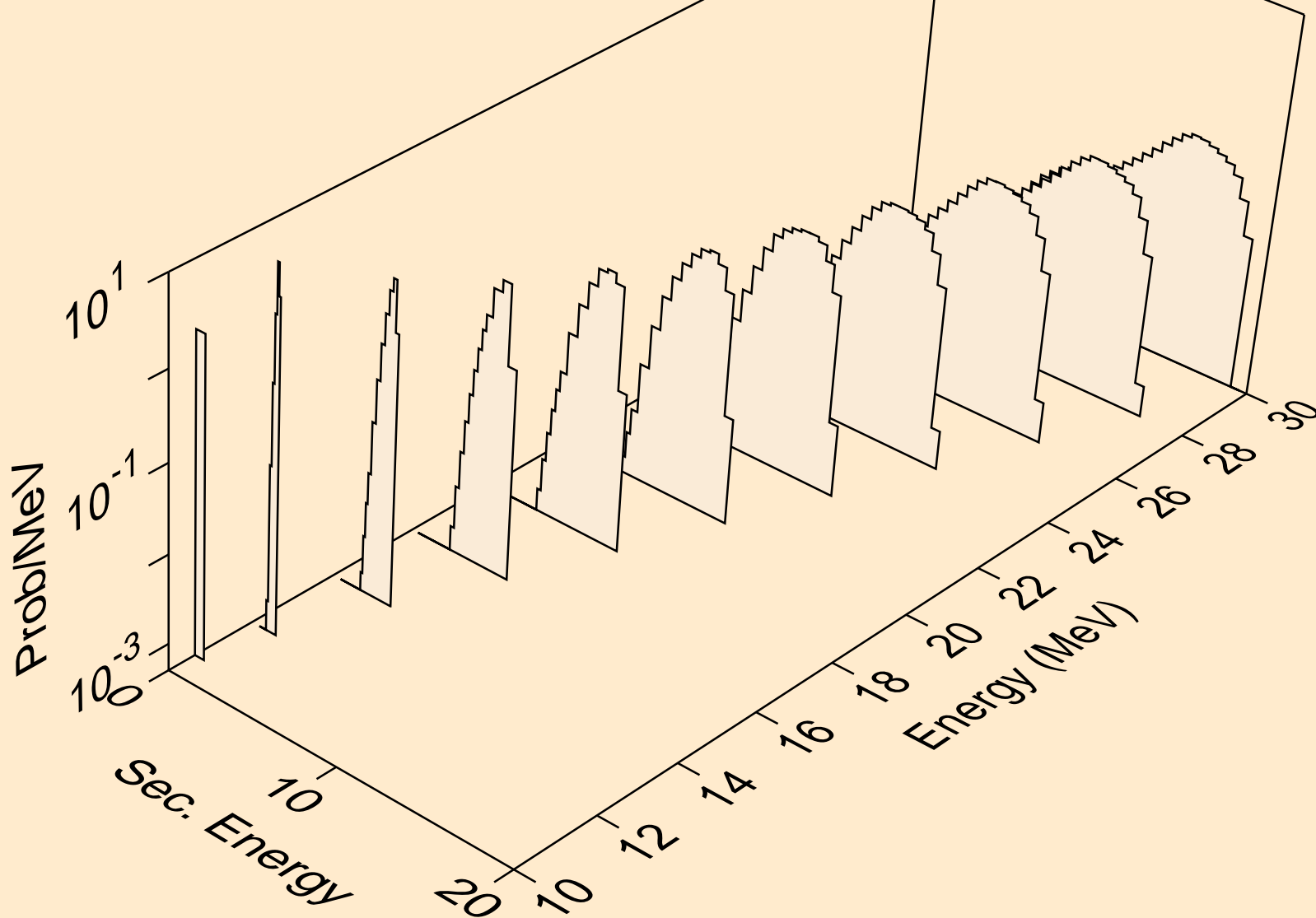
## Particle production cross sections



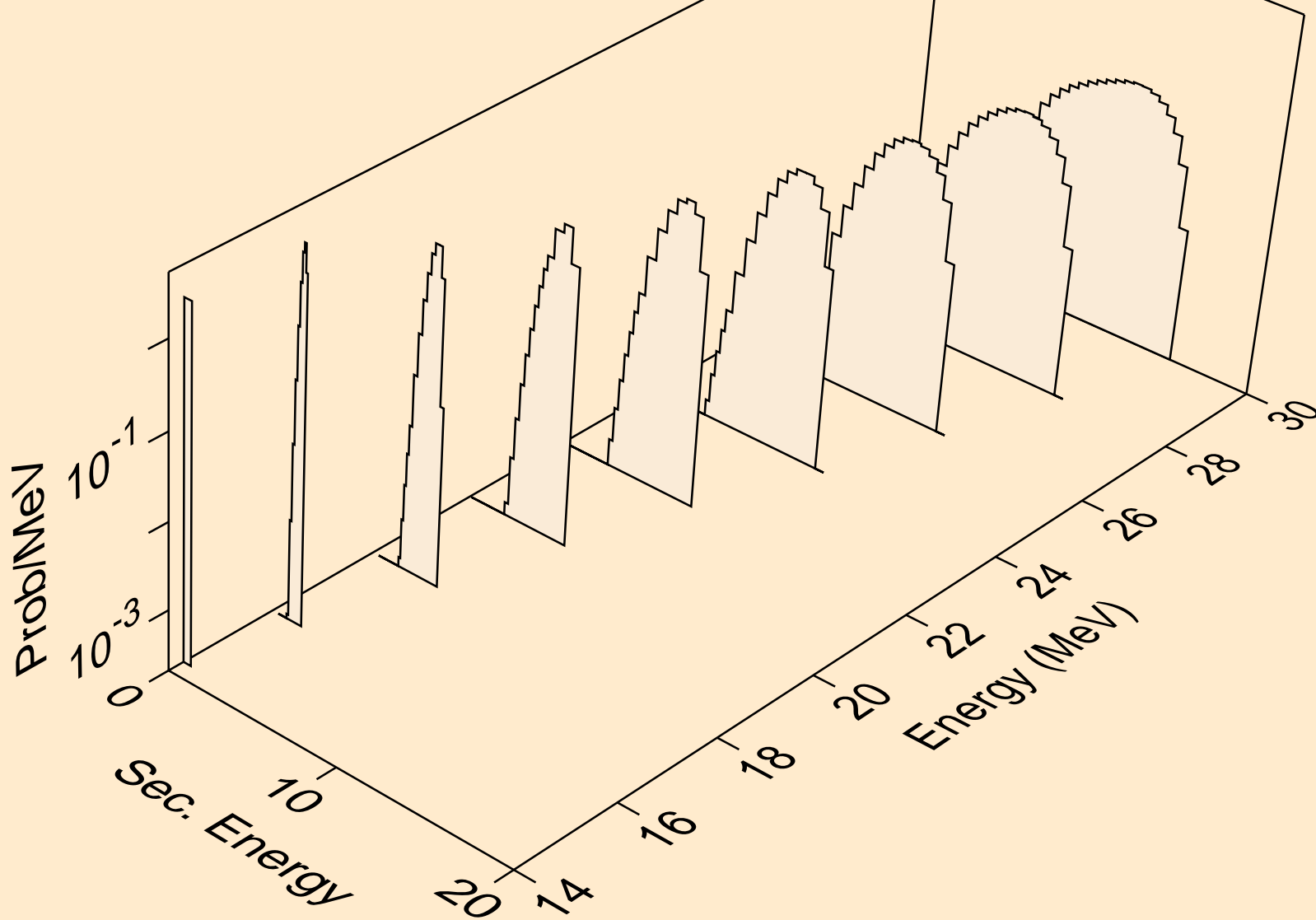
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



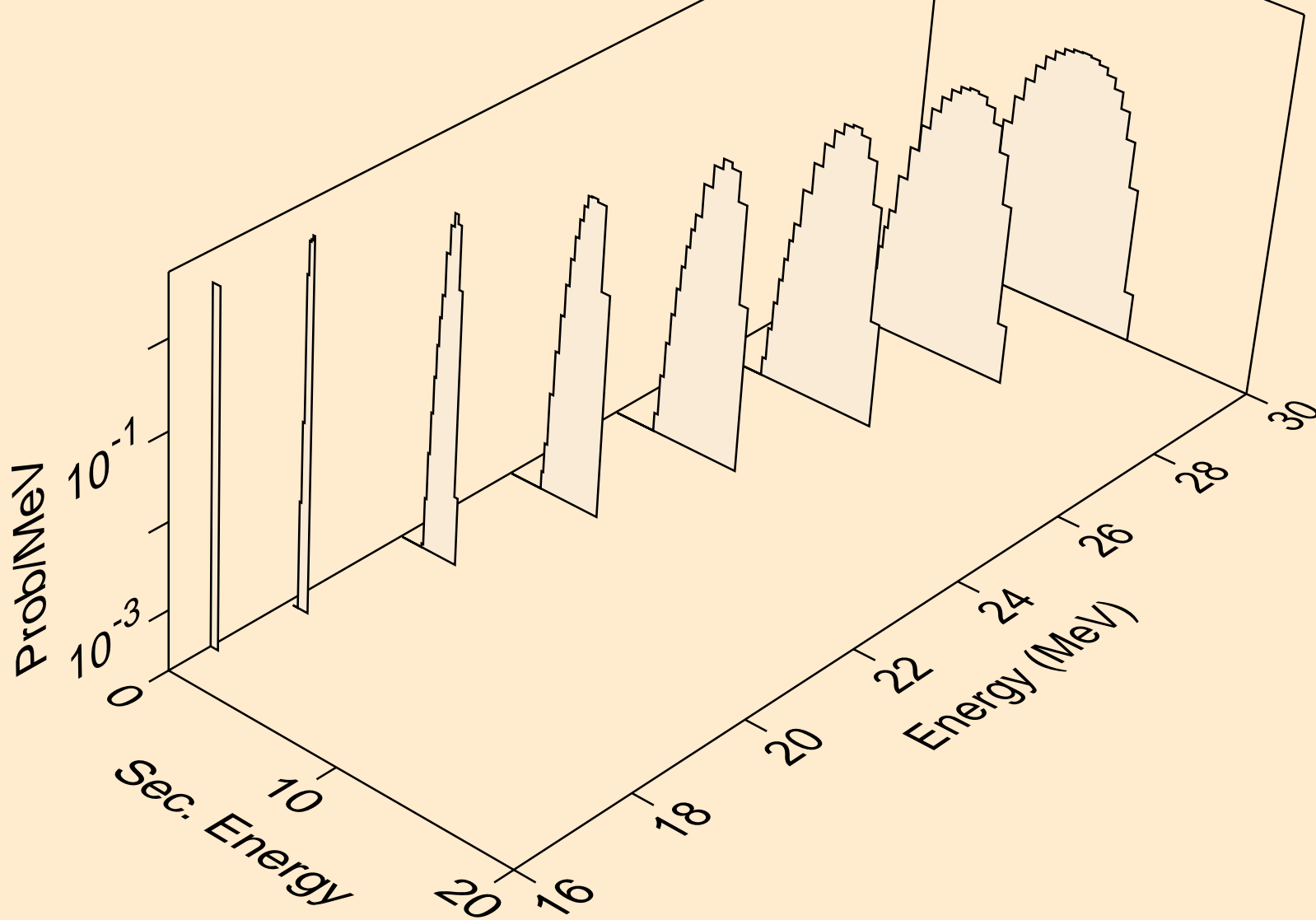
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



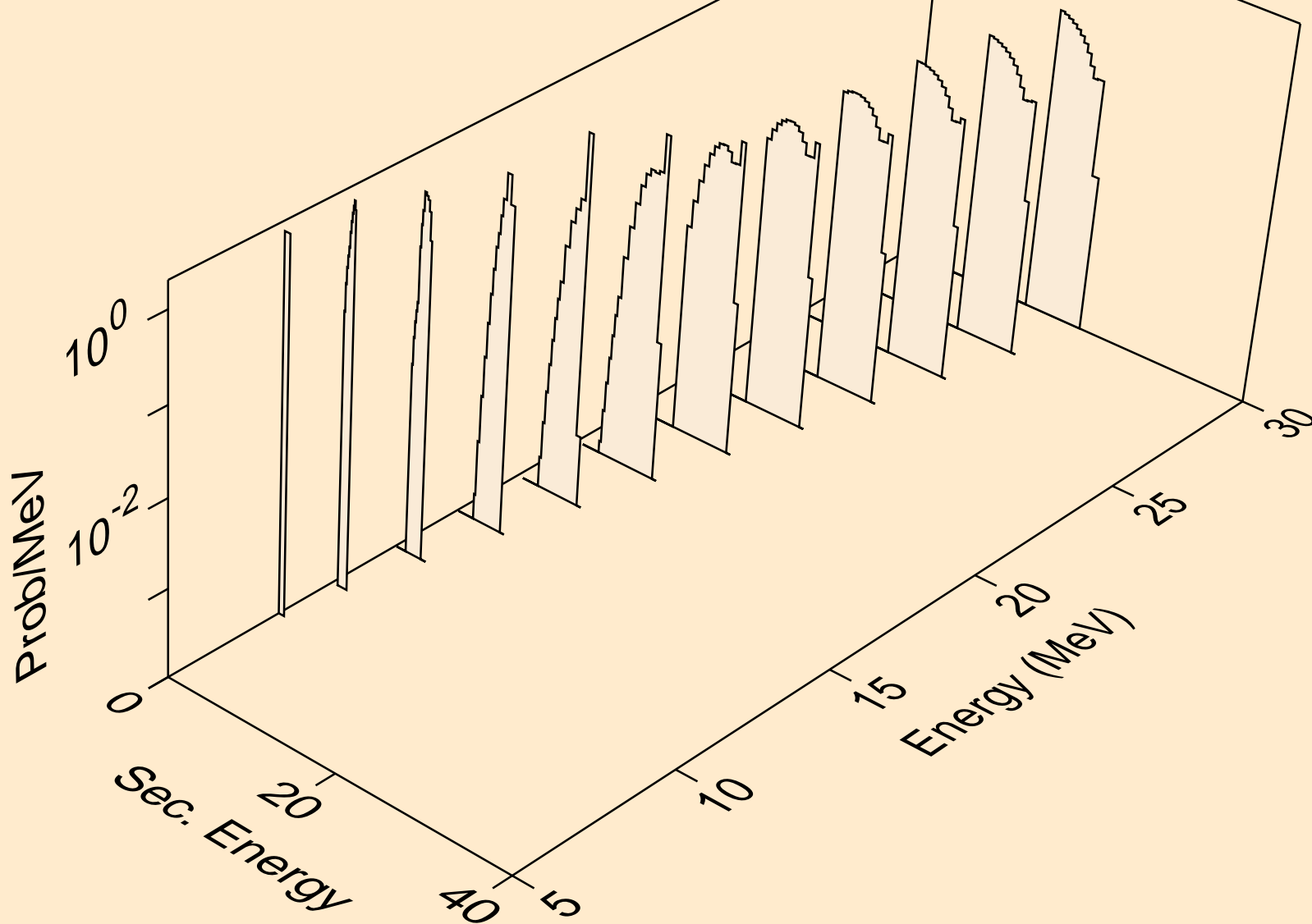
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protons from (n,2np)



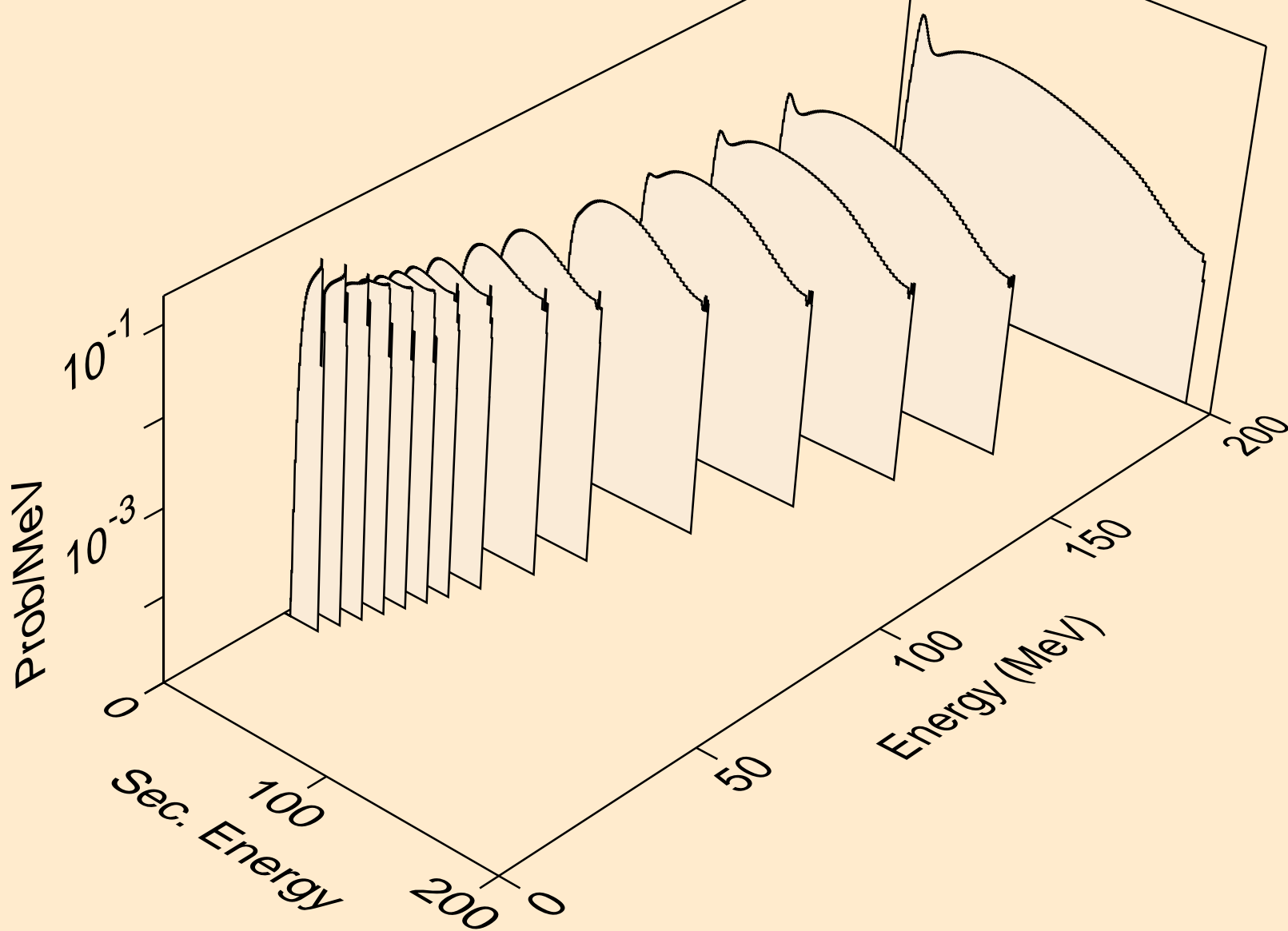
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,3np)



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,p)

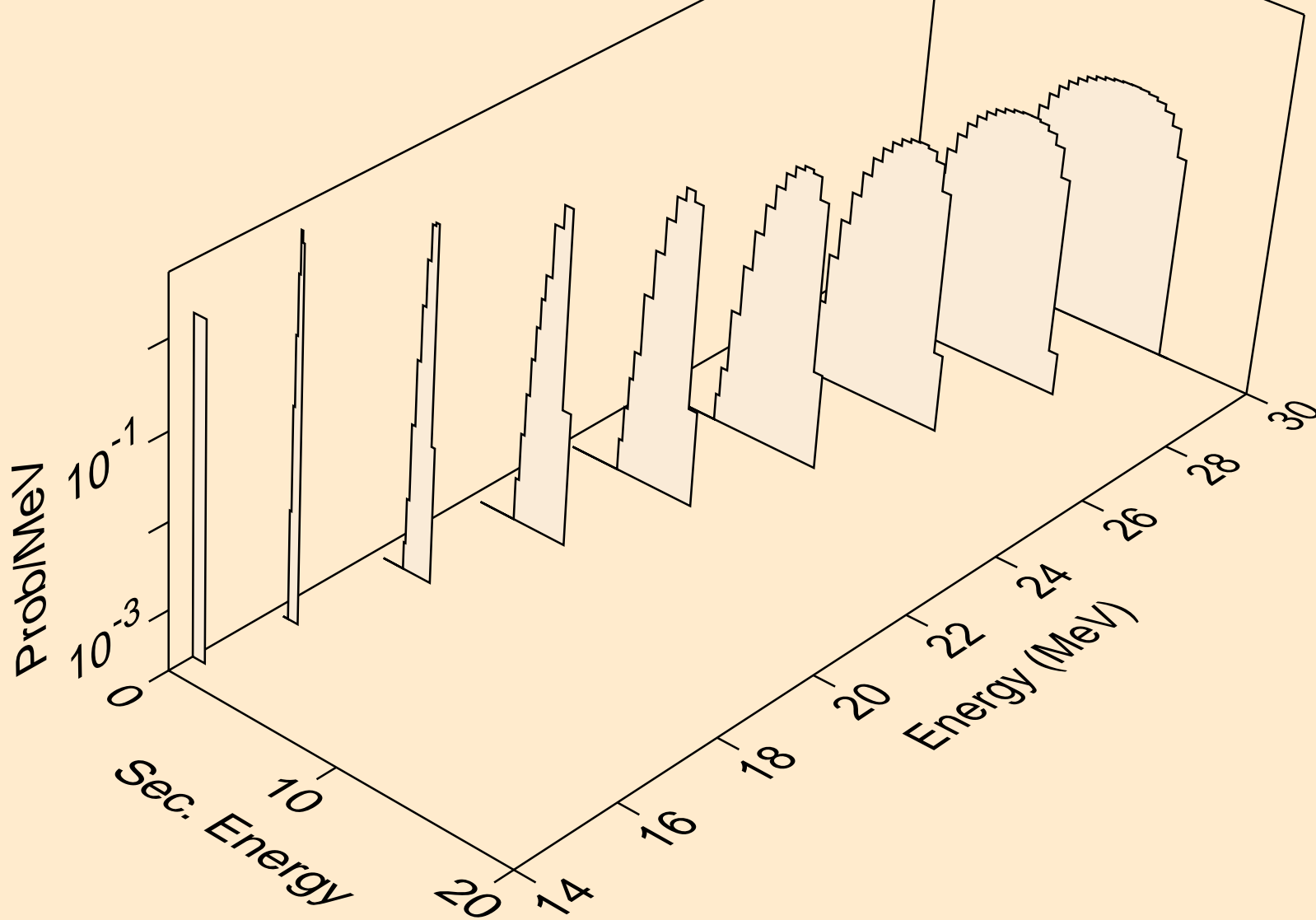


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deuterons from (n,x)

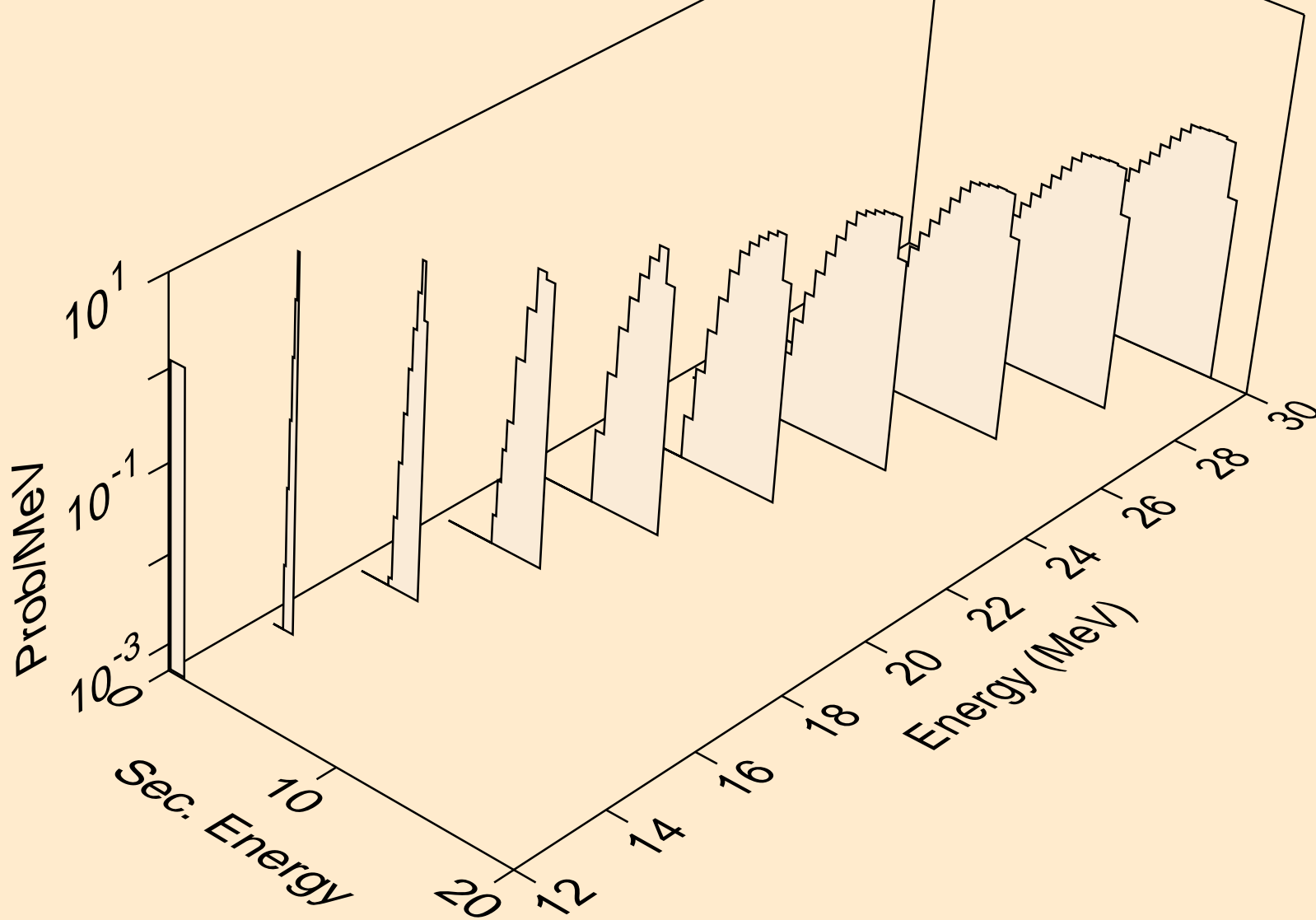




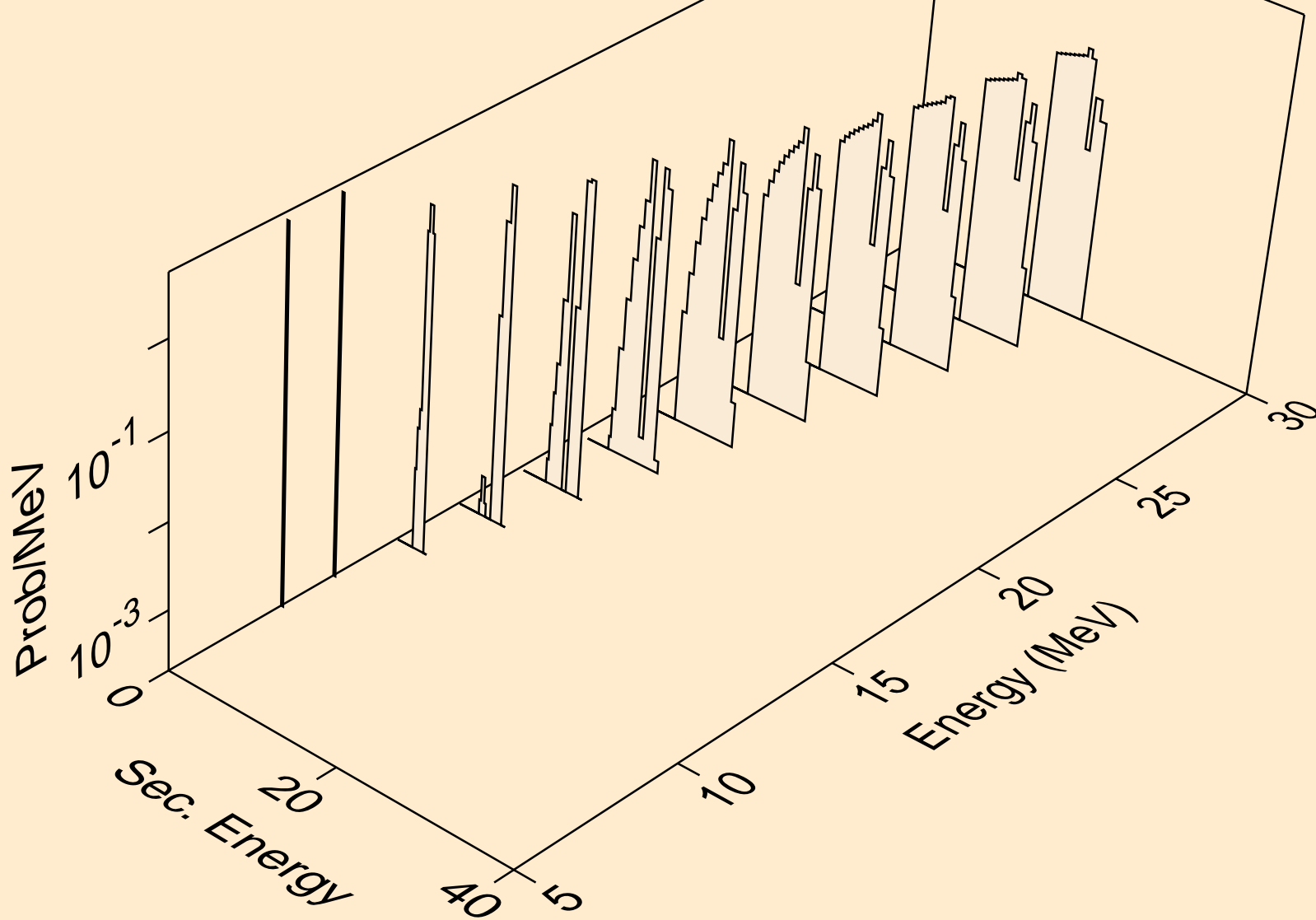
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deuterons from (n,2nd)



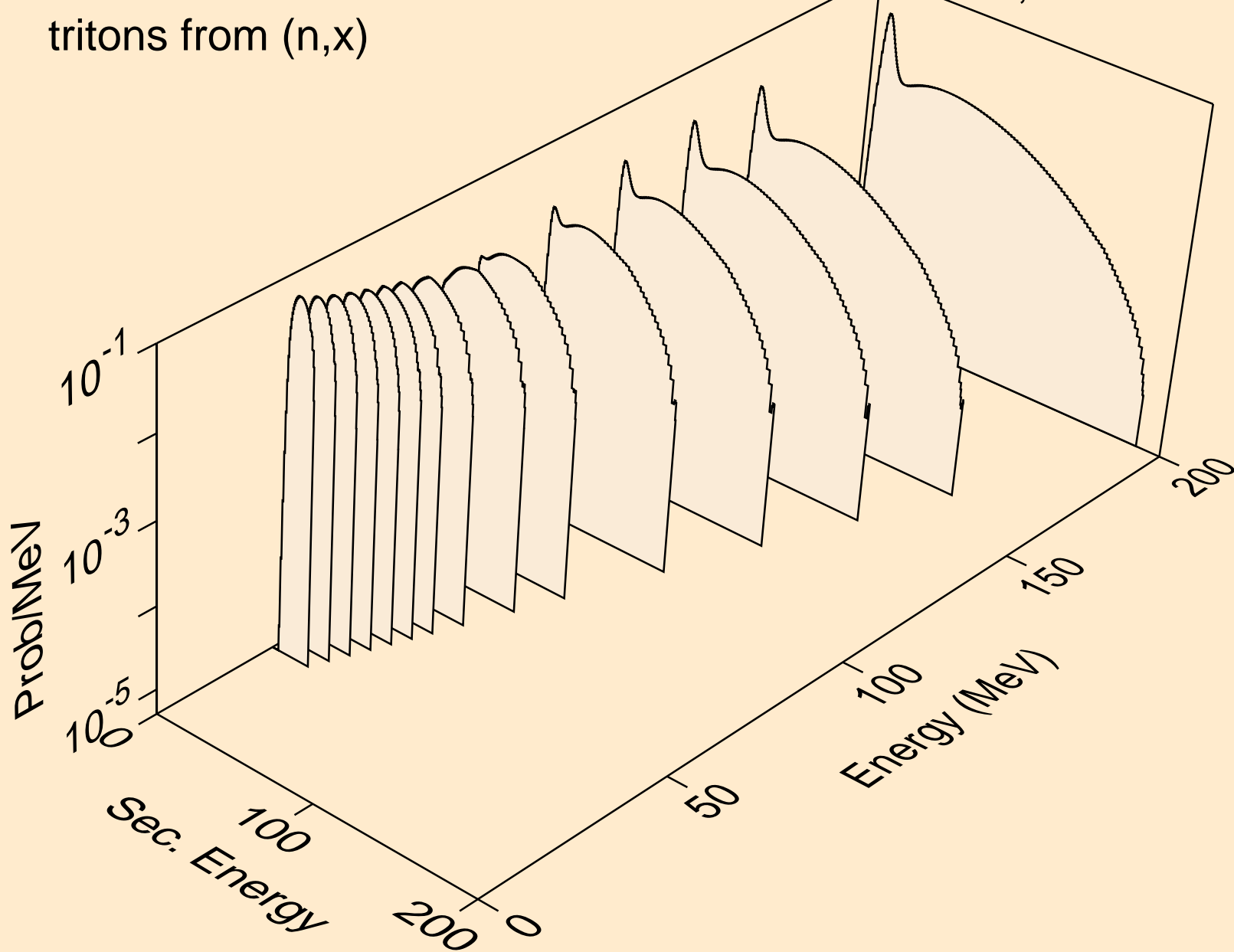
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deuterons from (n,n\*)d



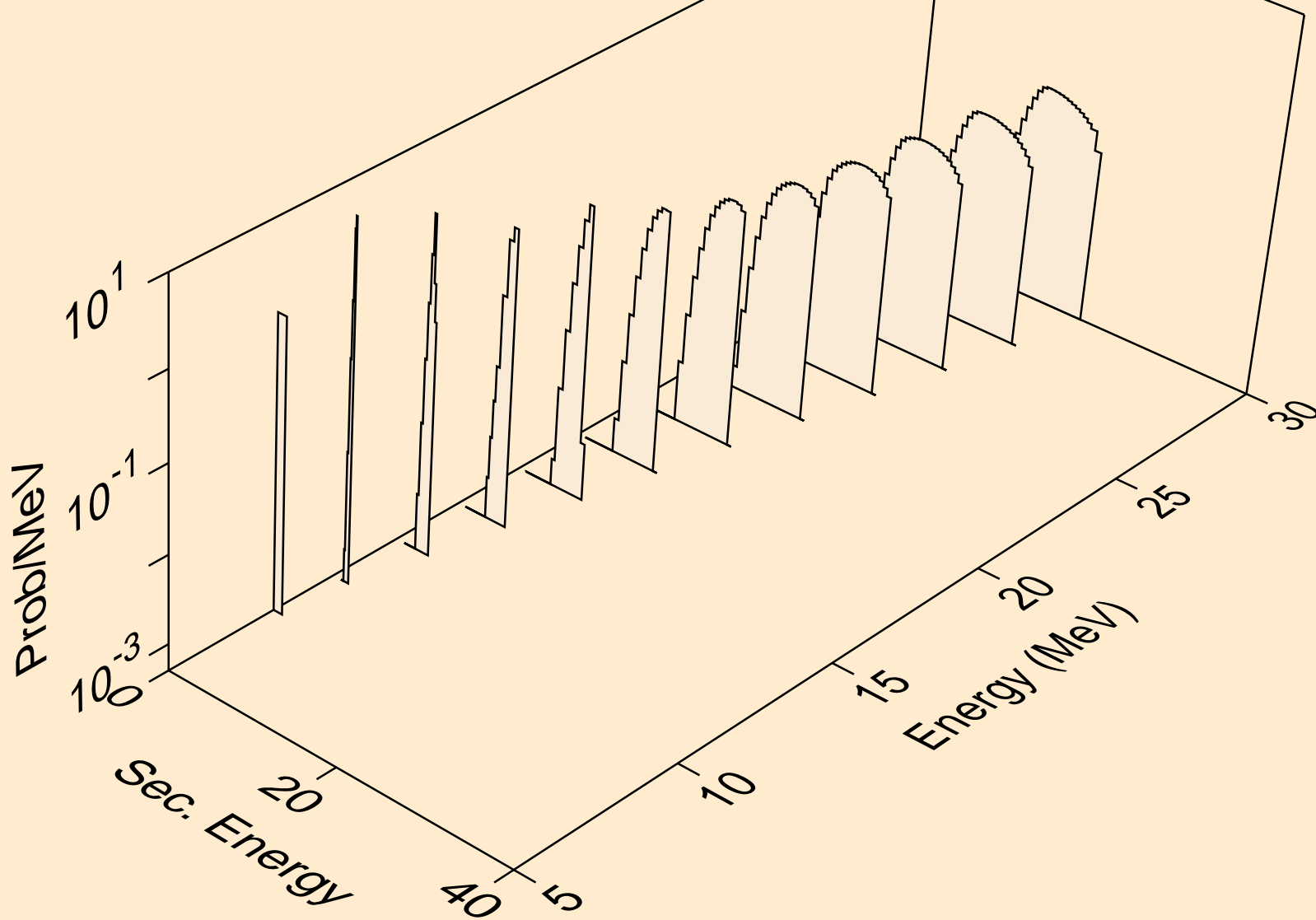
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deuterons from (n,d)



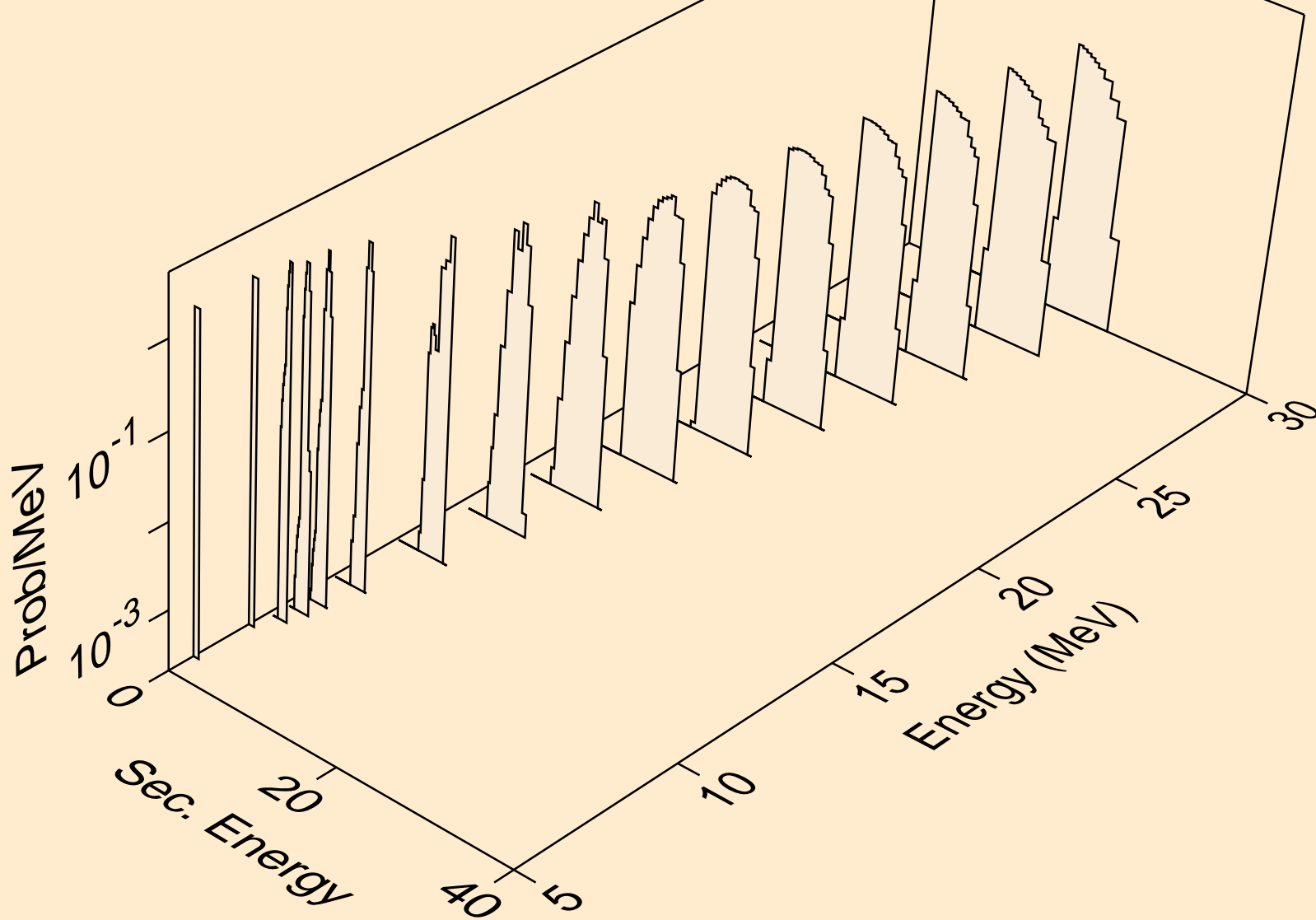
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tritons from (n,x)



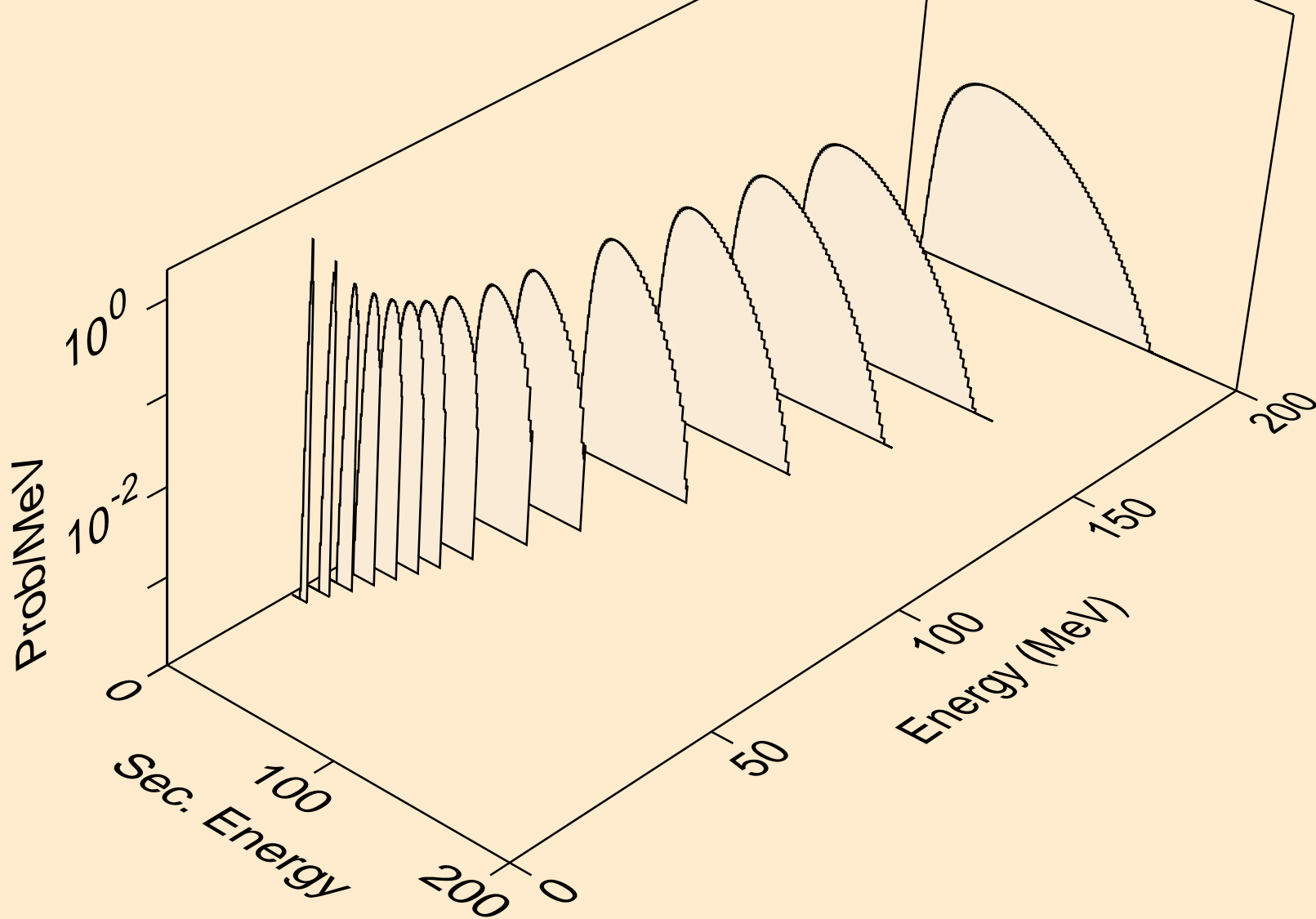
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tritons from (n,n\*)t



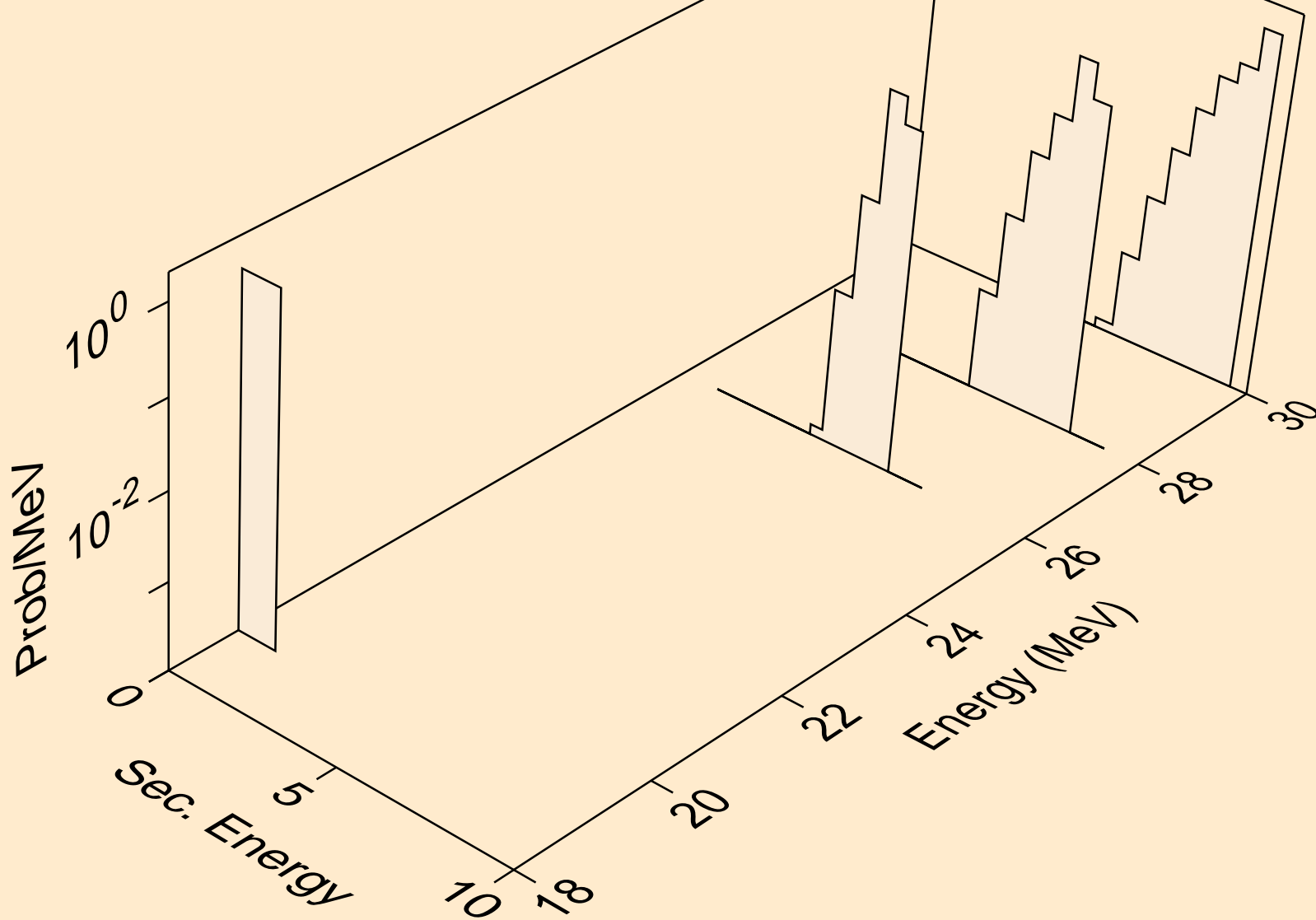
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

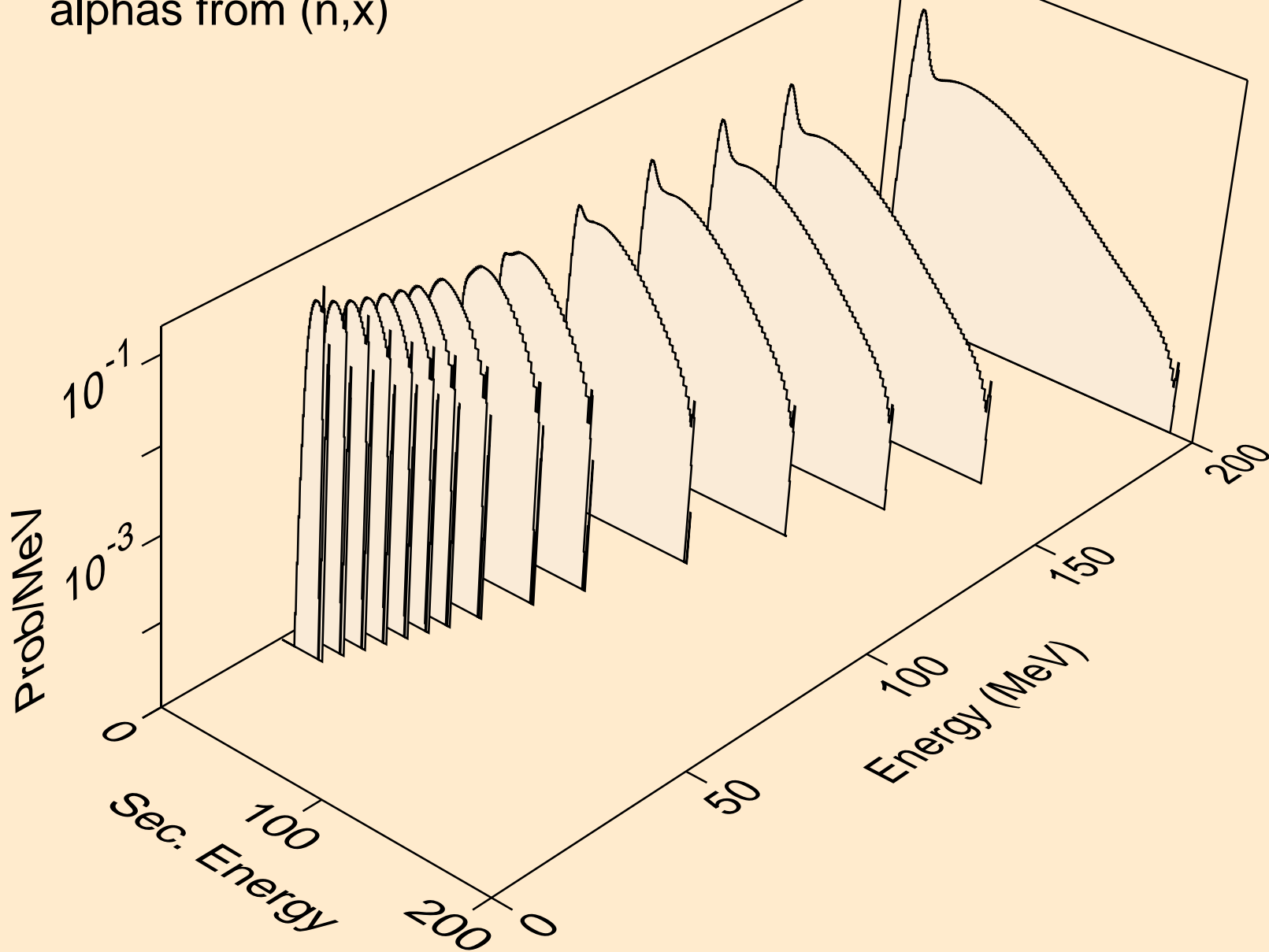


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he3s from (n,he3)

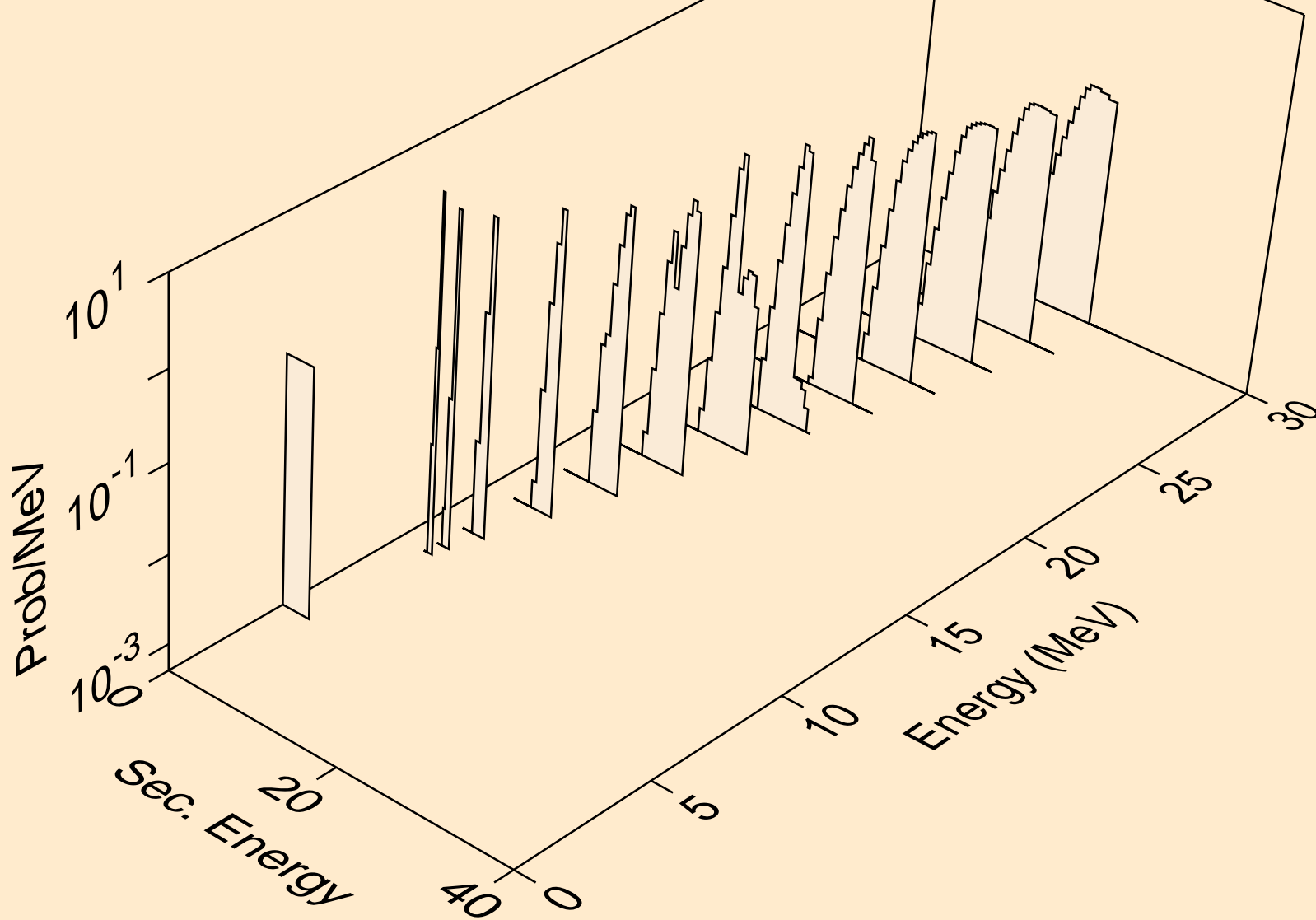




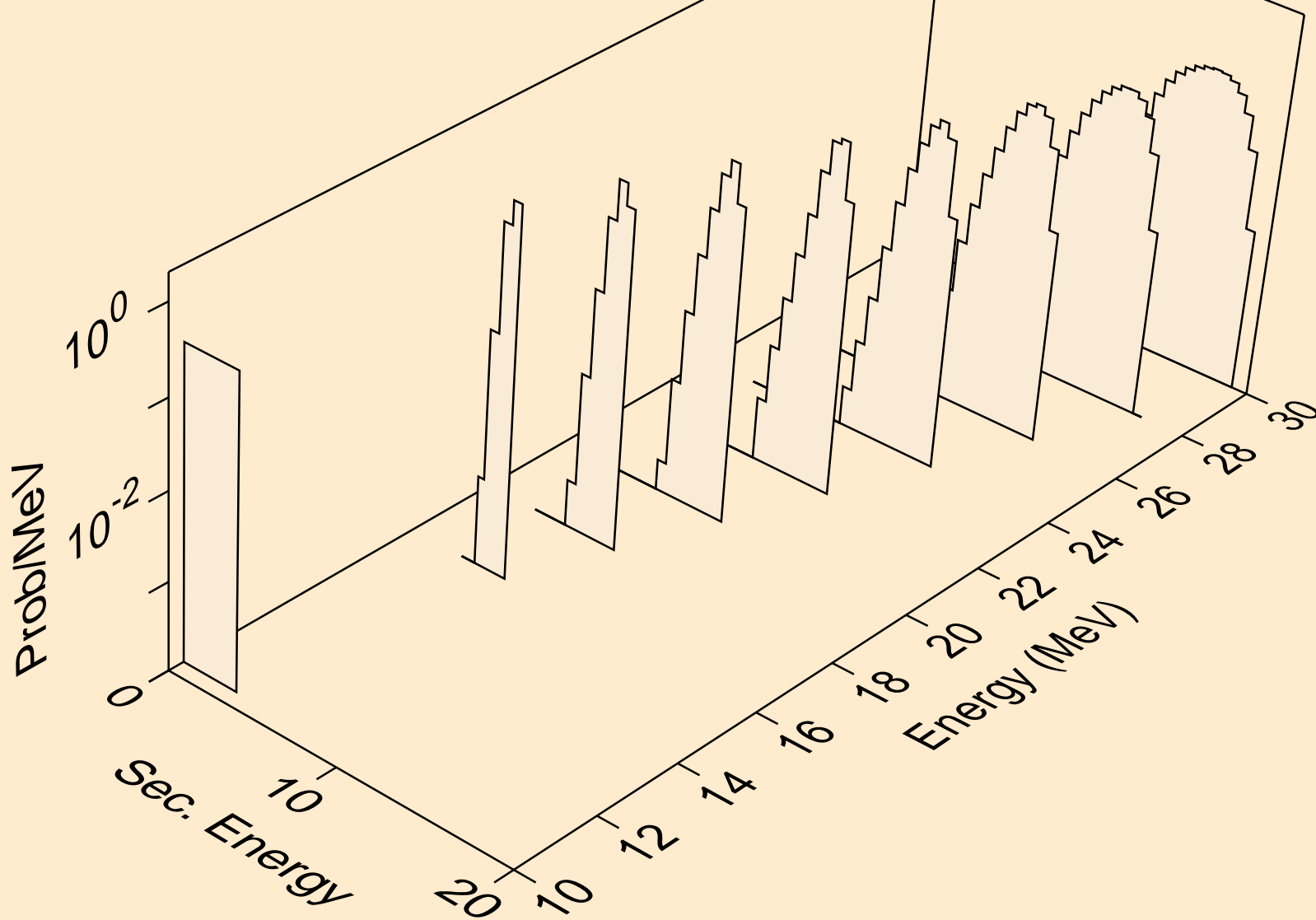
SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



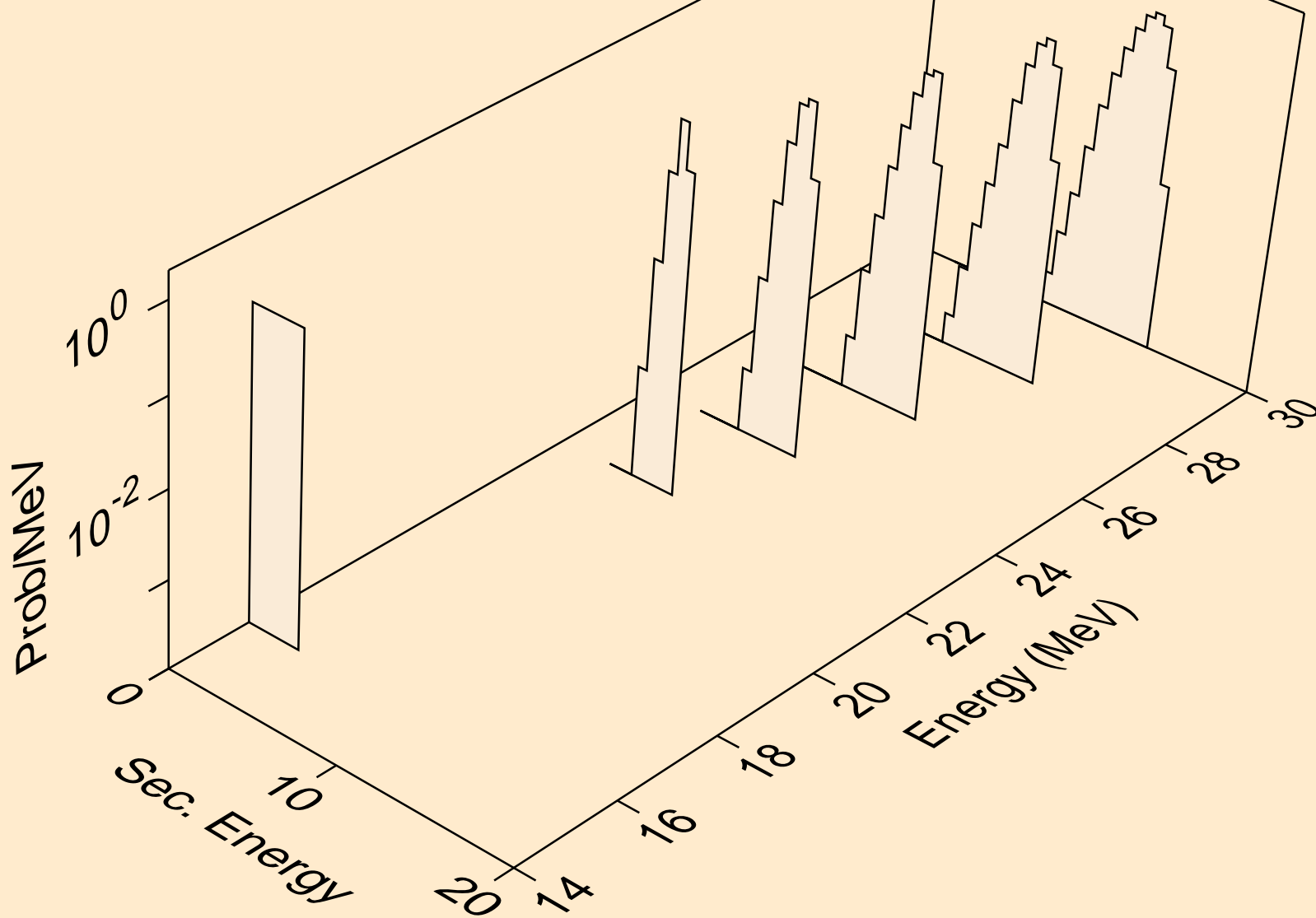
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alphas from (n,n\*)a



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



SB135 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

