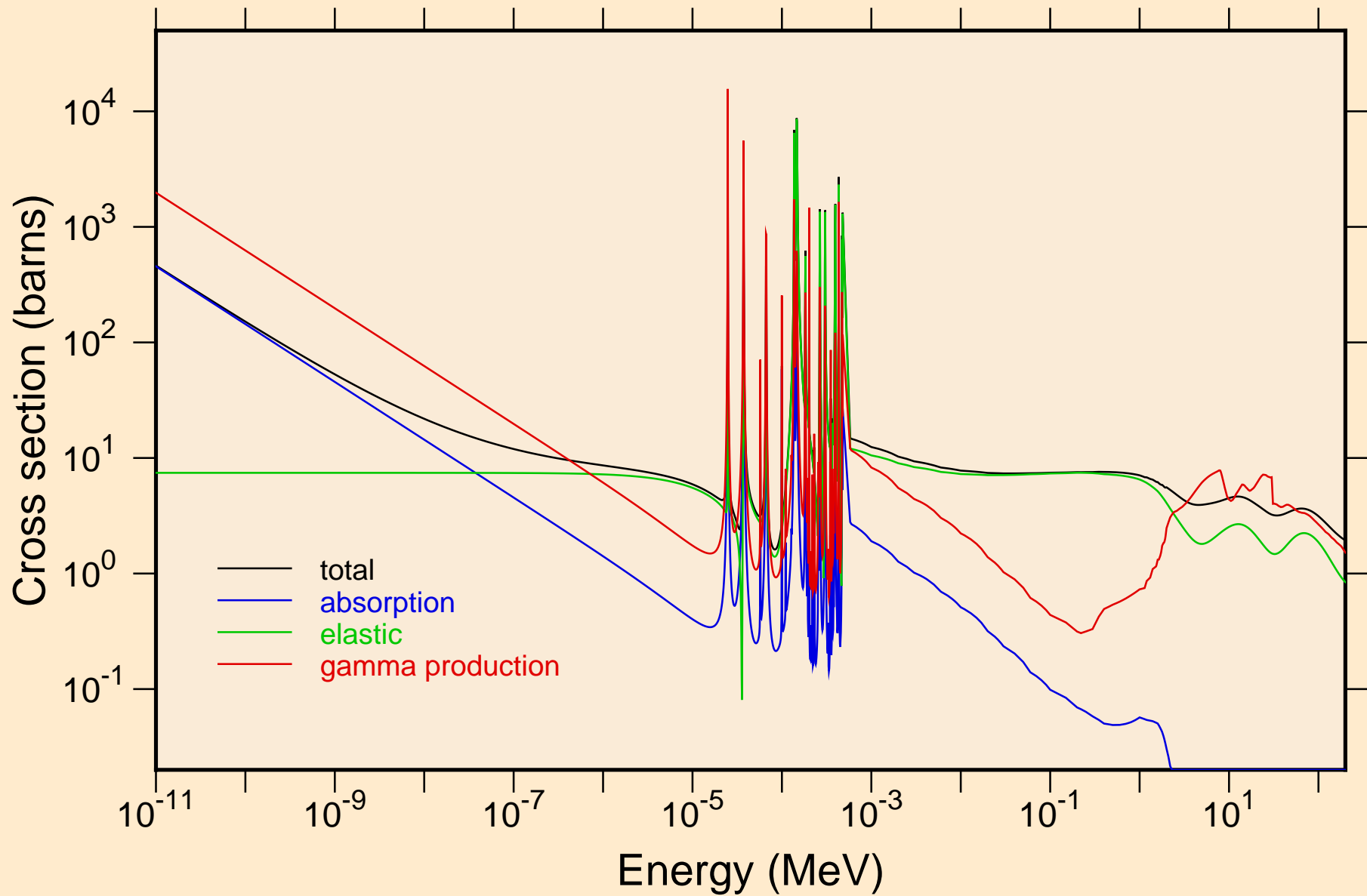
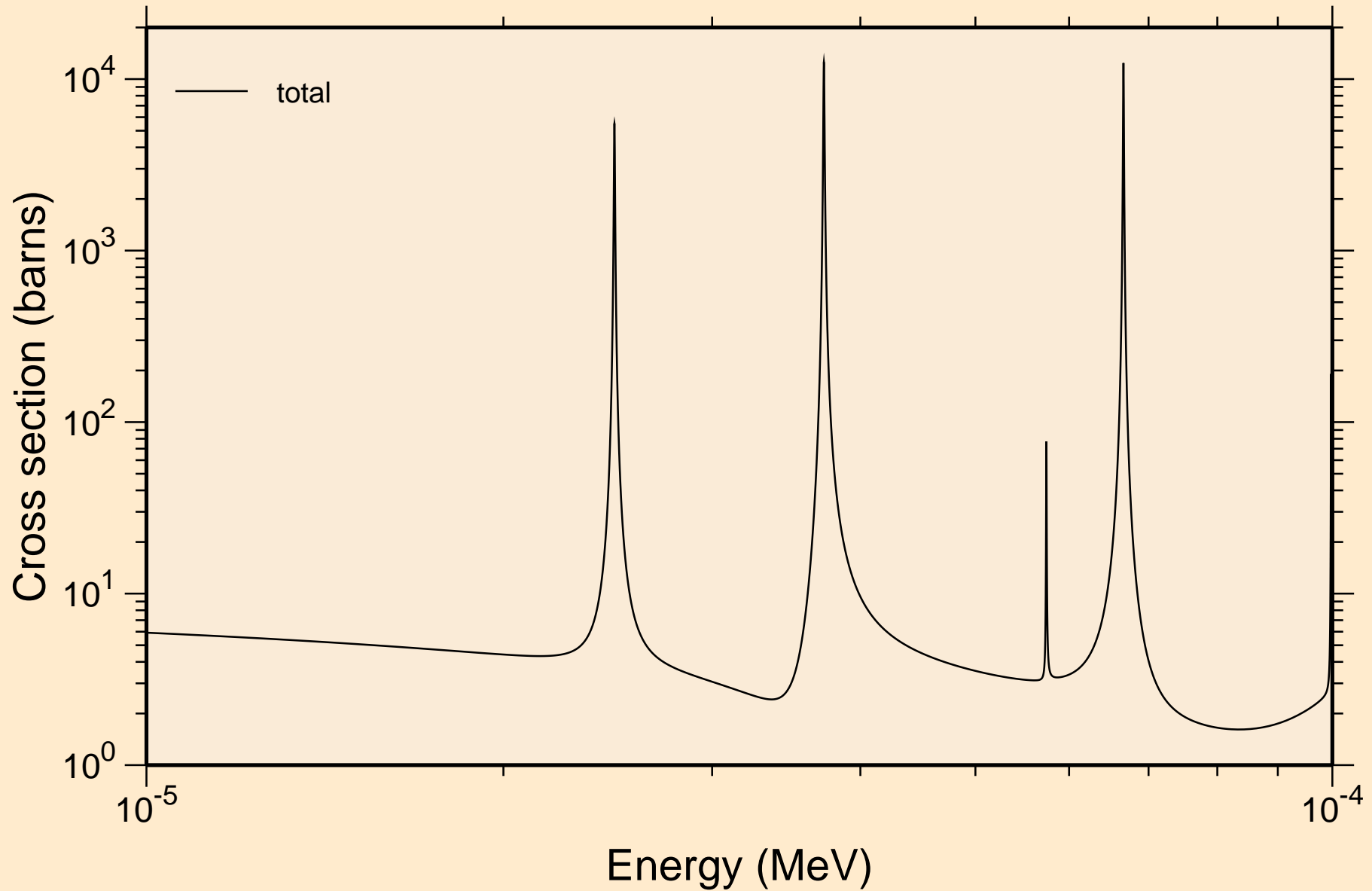


# AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

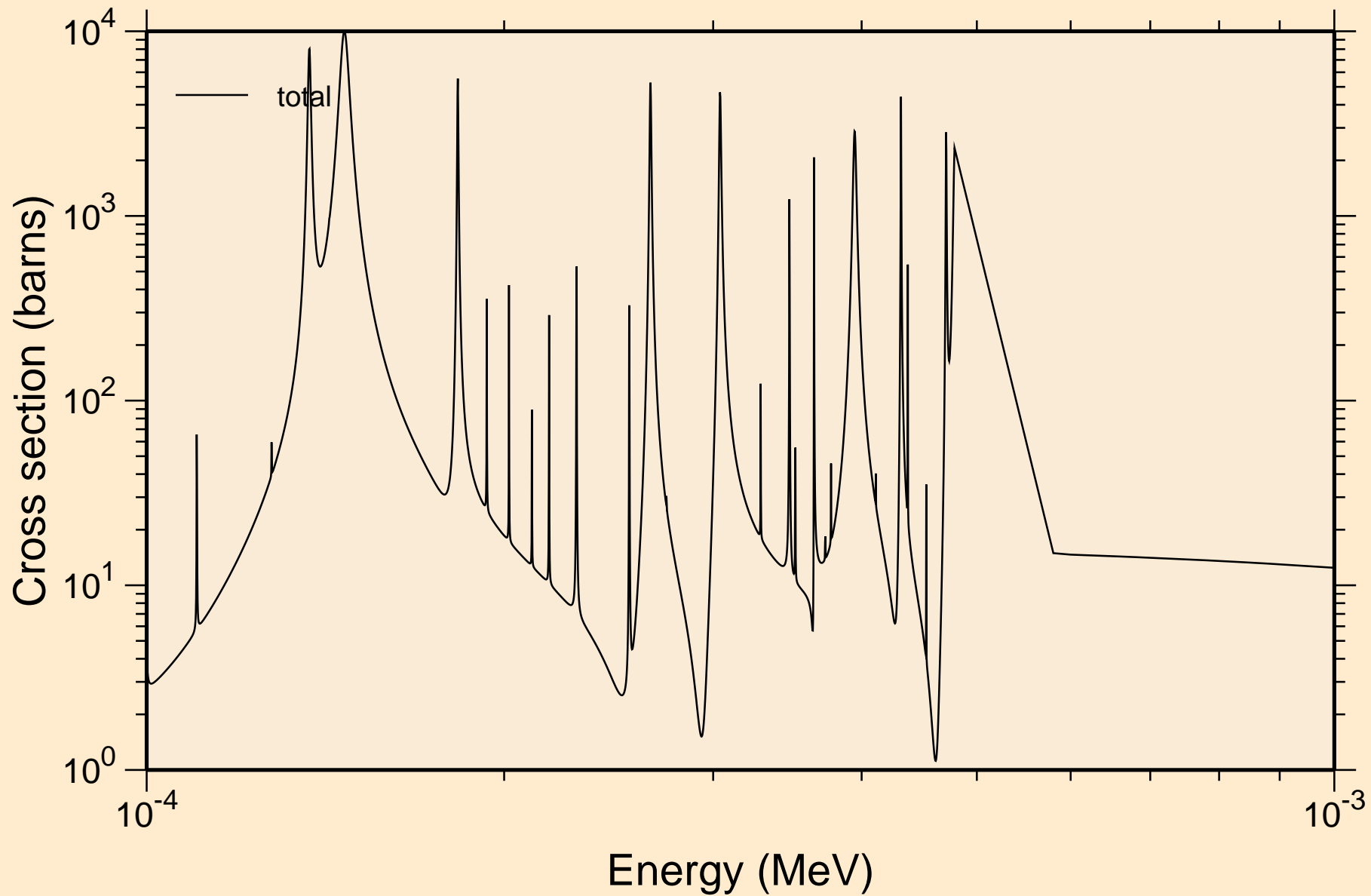
## Principal cross sections



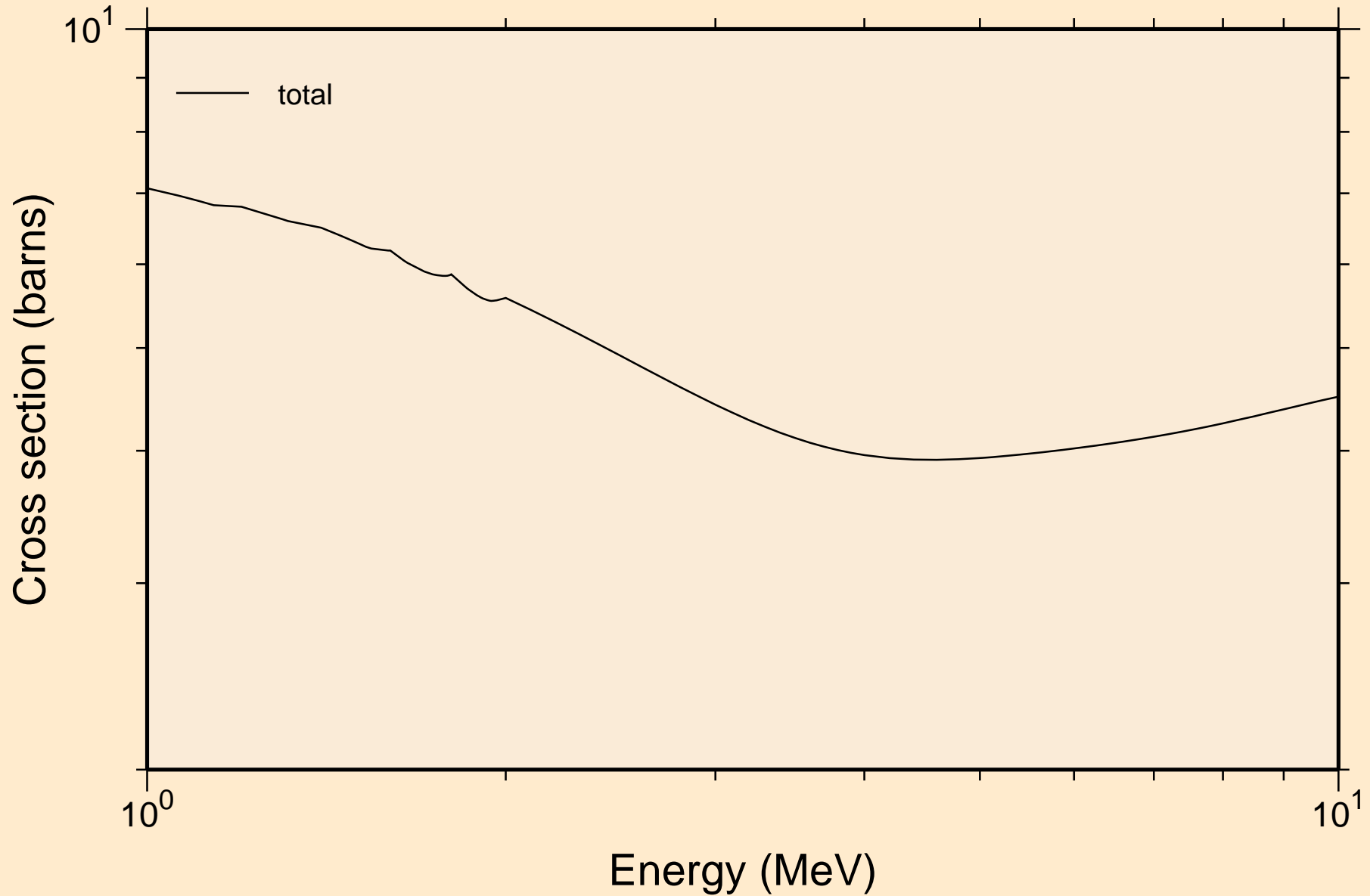
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



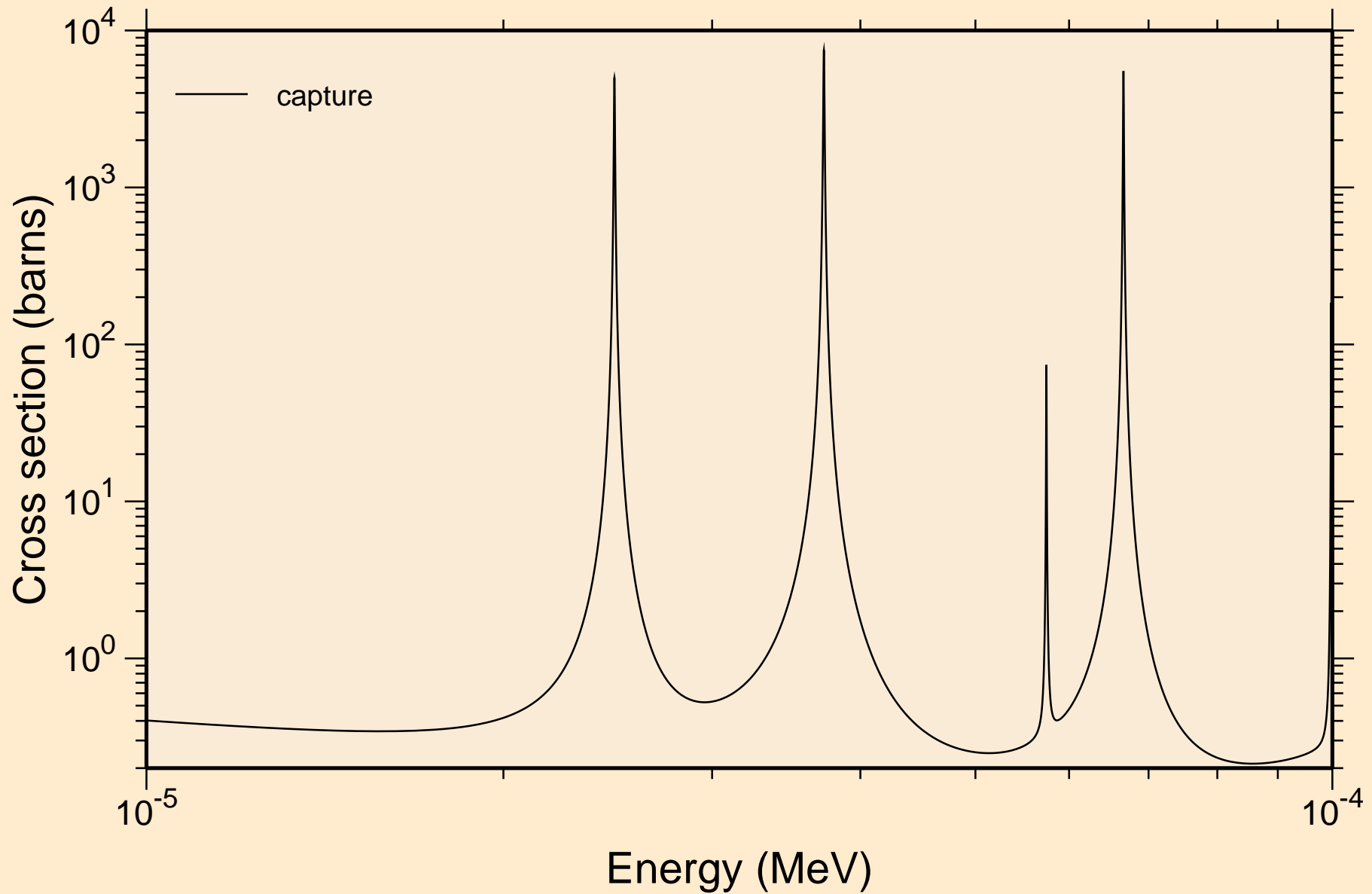
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resonance total cross section



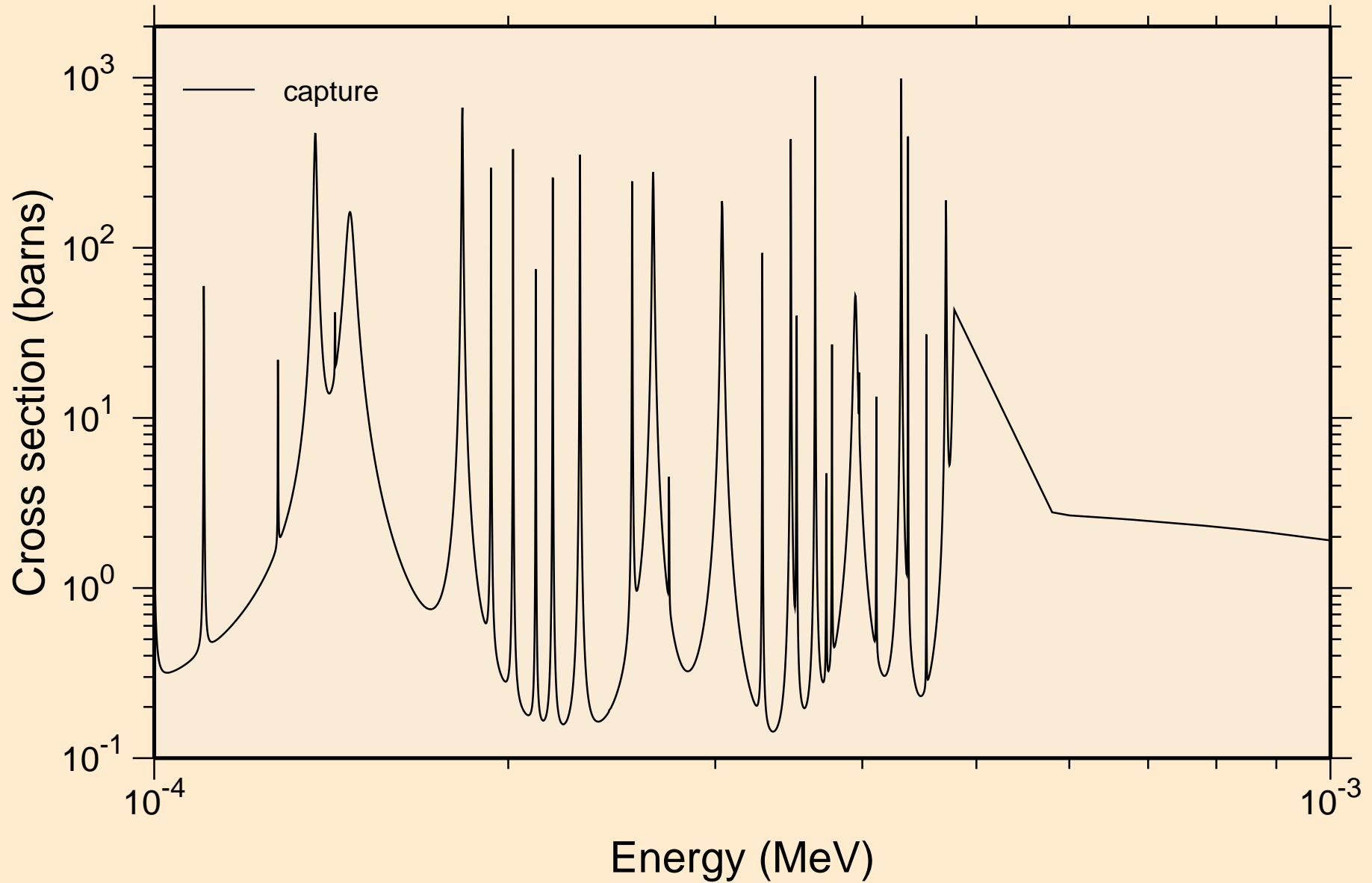
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resonance total cross section



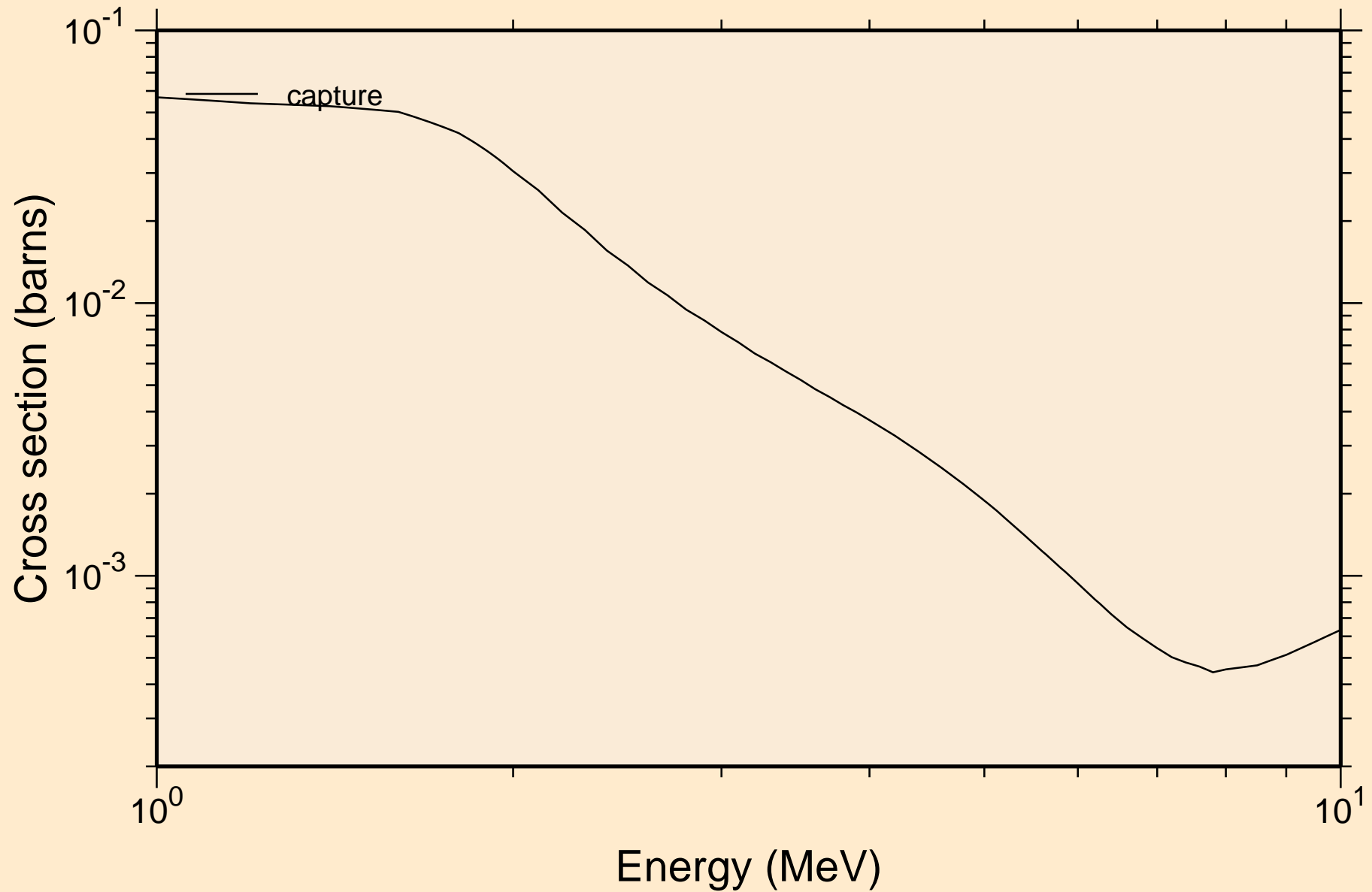
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



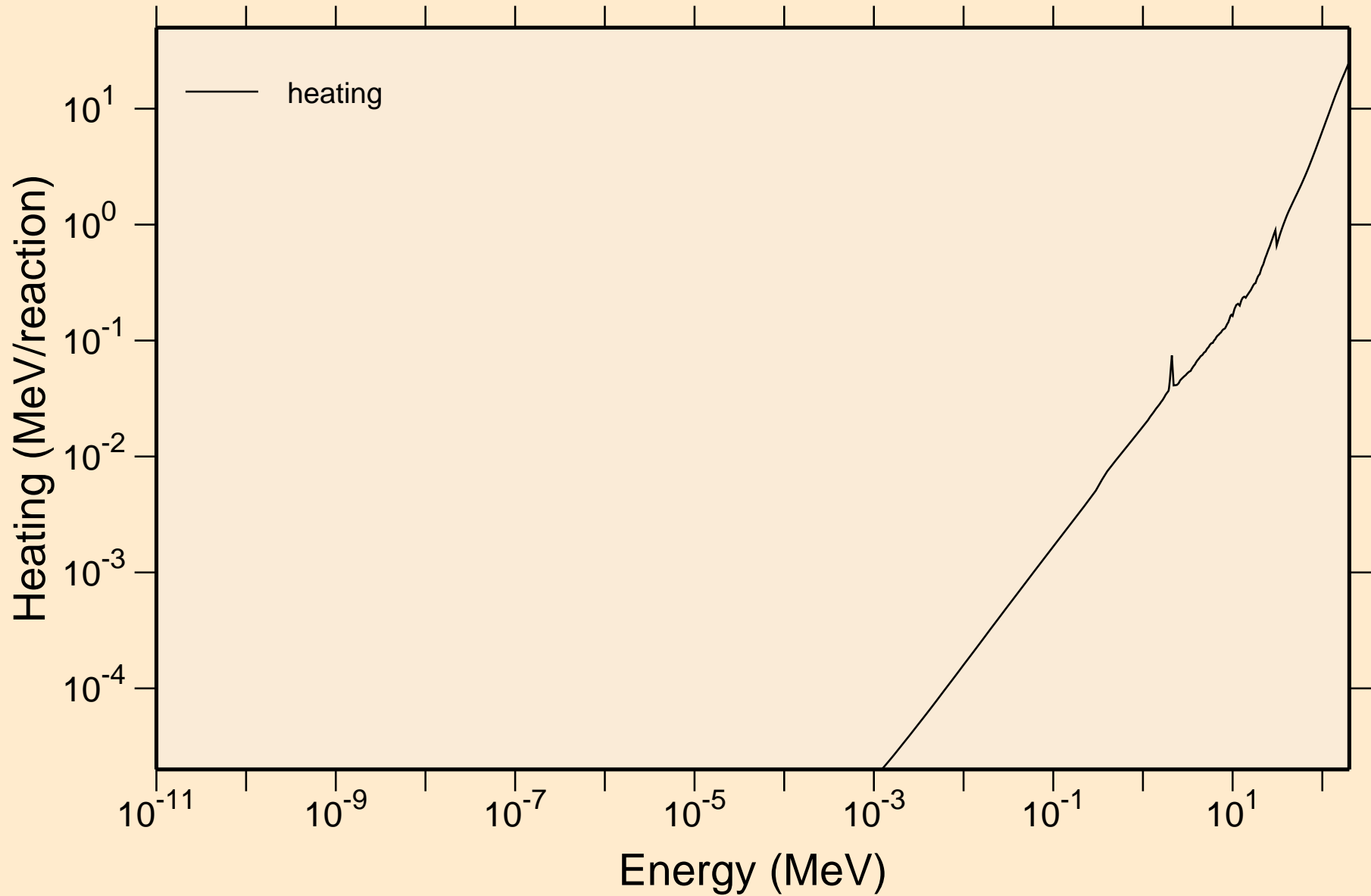
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



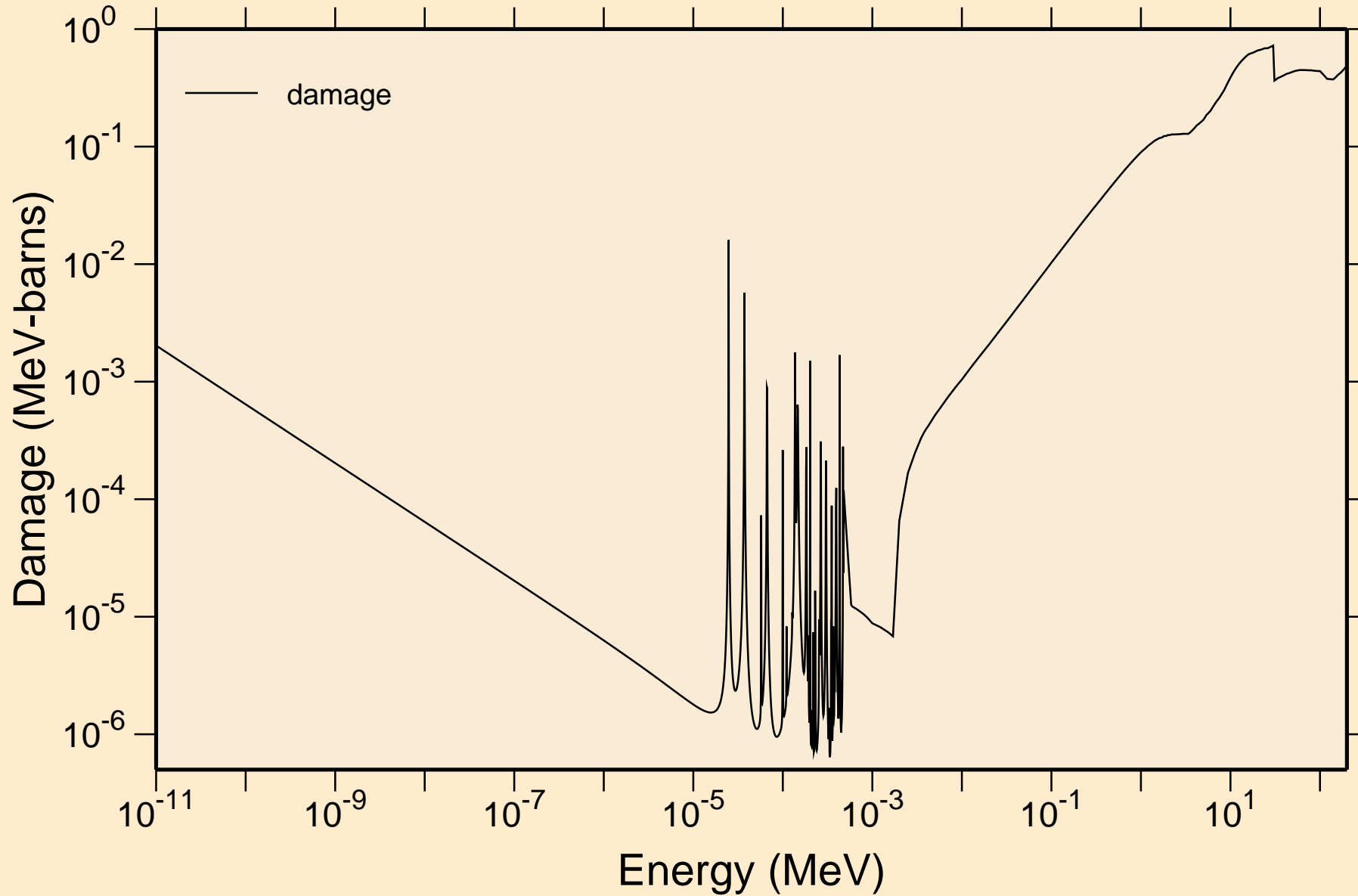
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



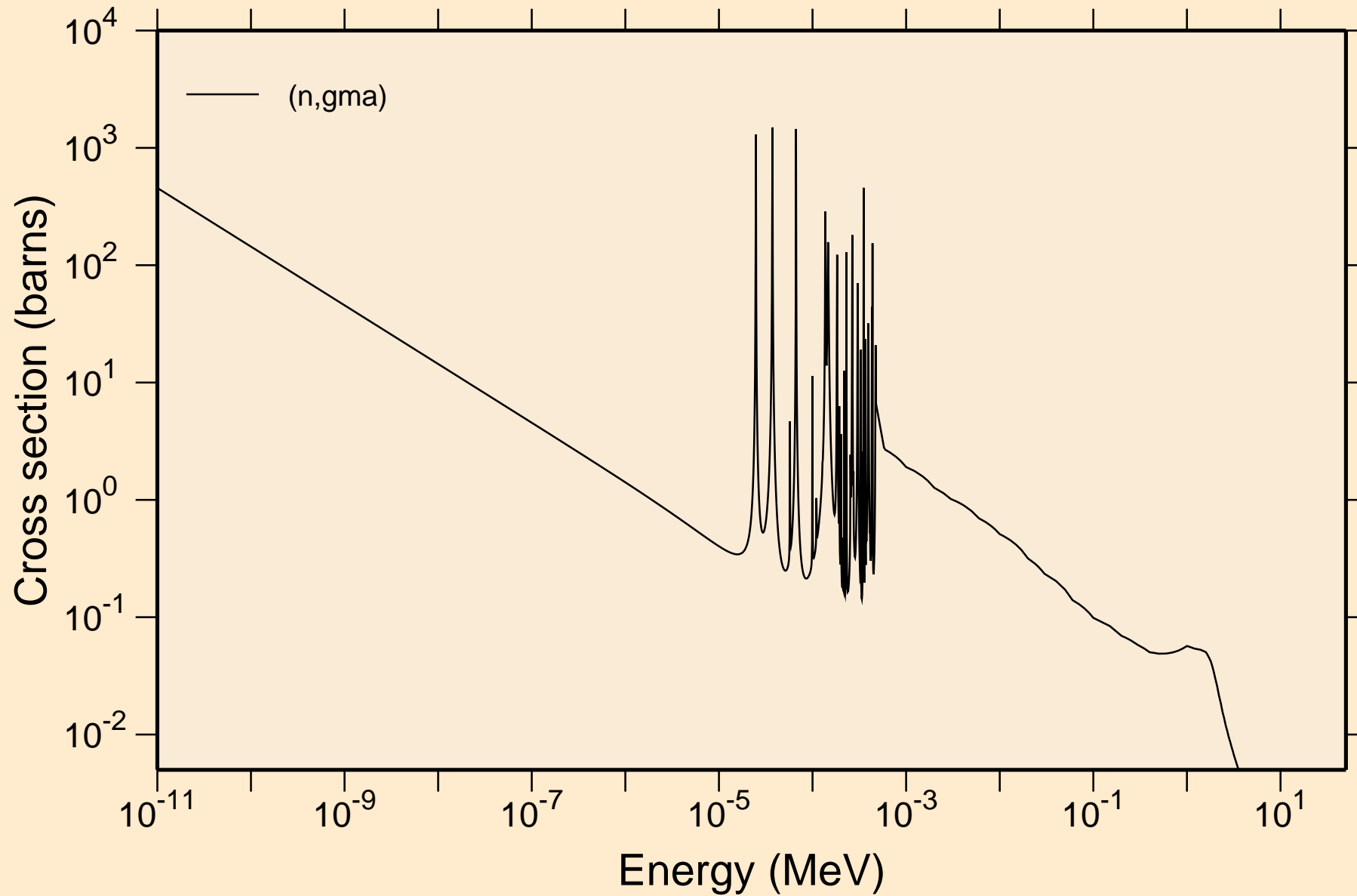


# AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

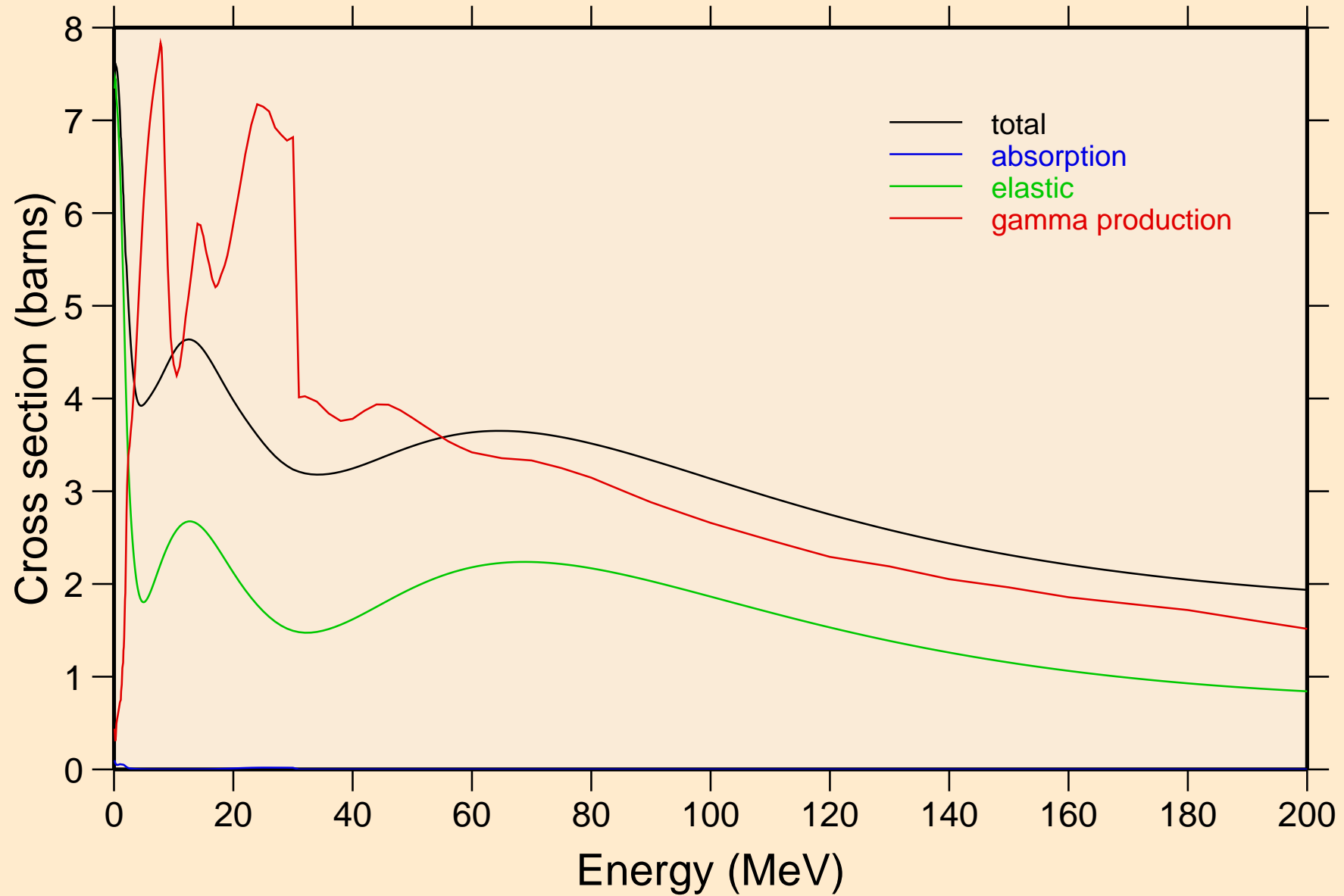


AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



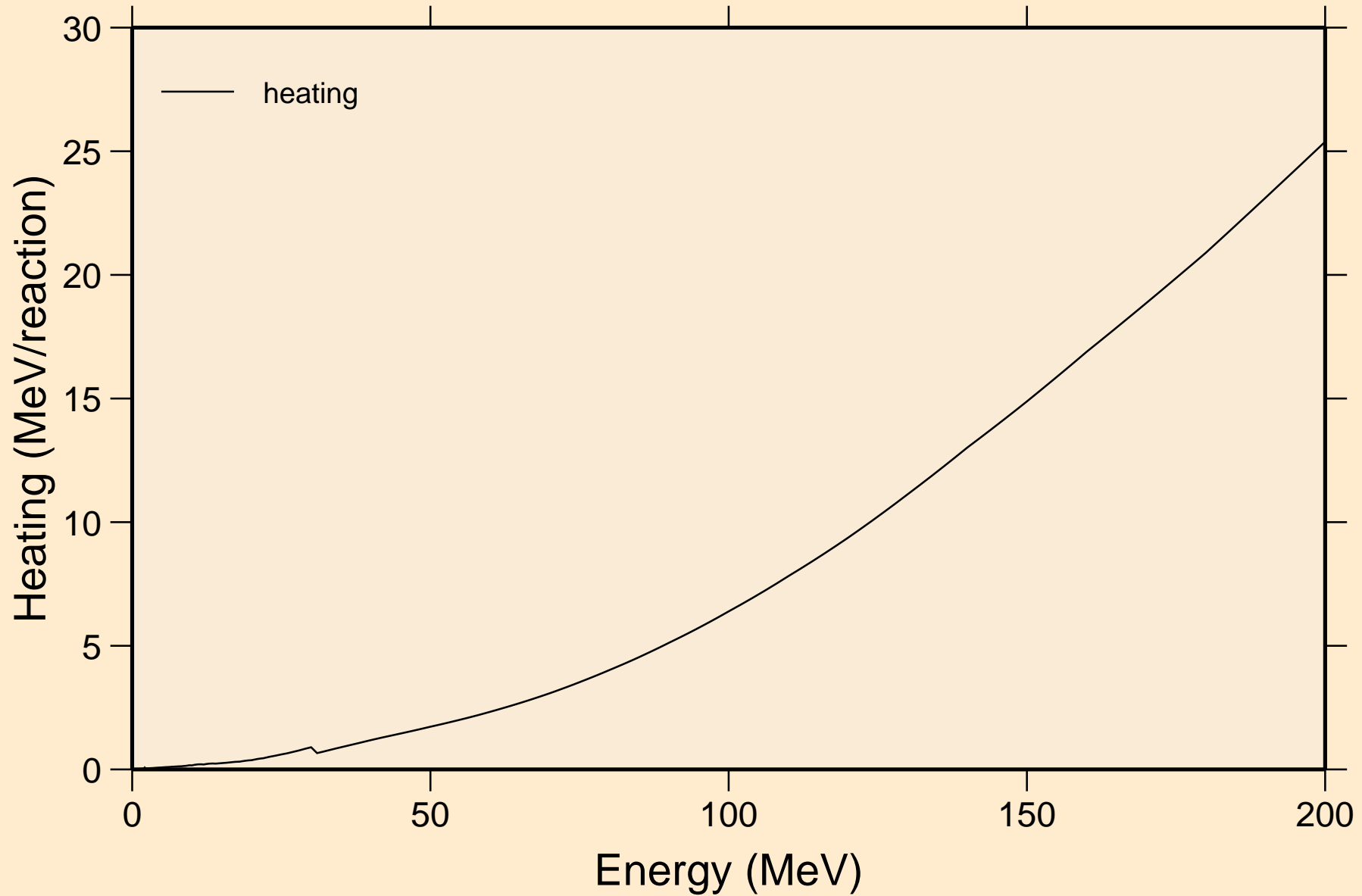
# AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

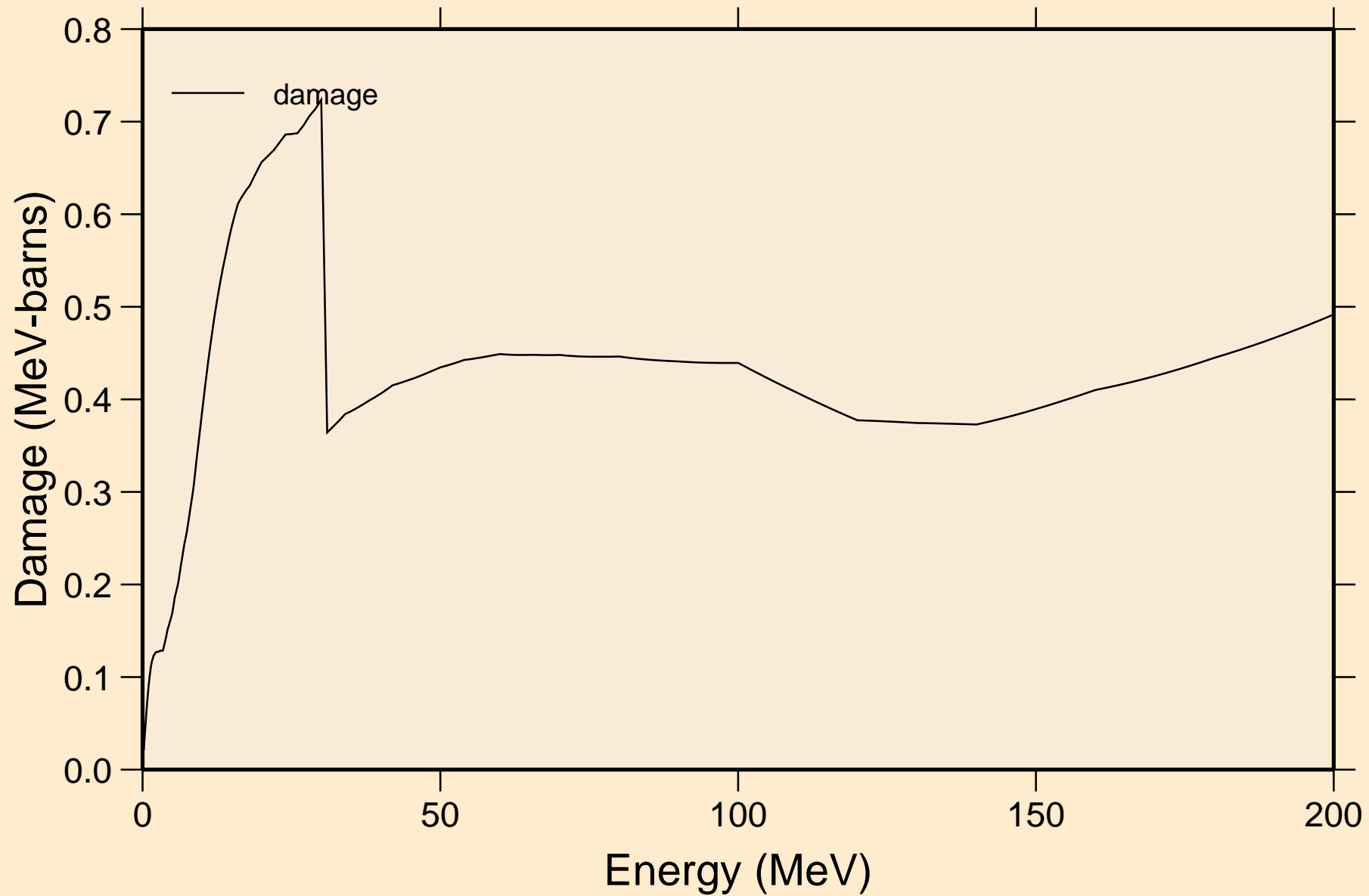


# AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

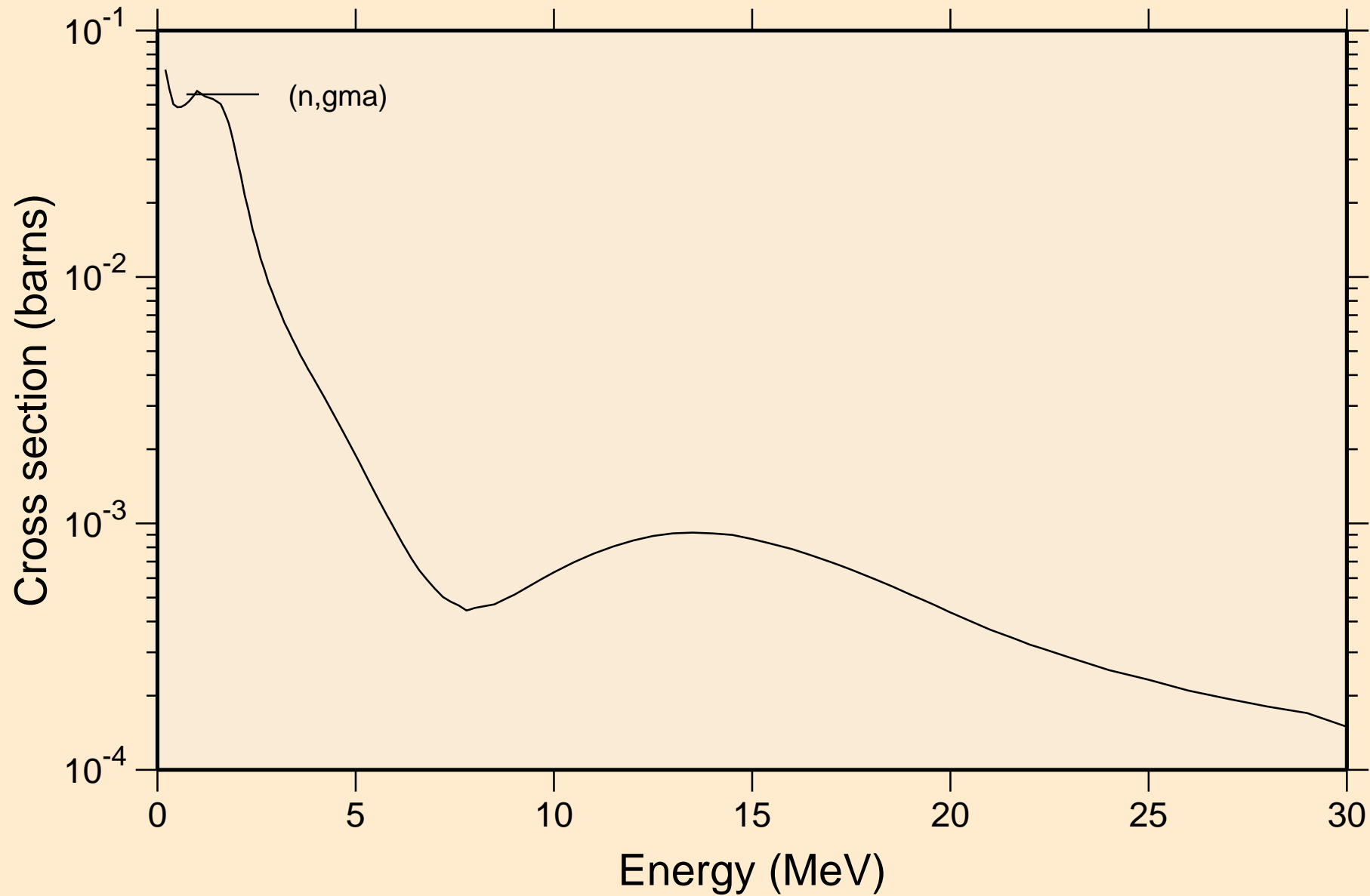
## Heating



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

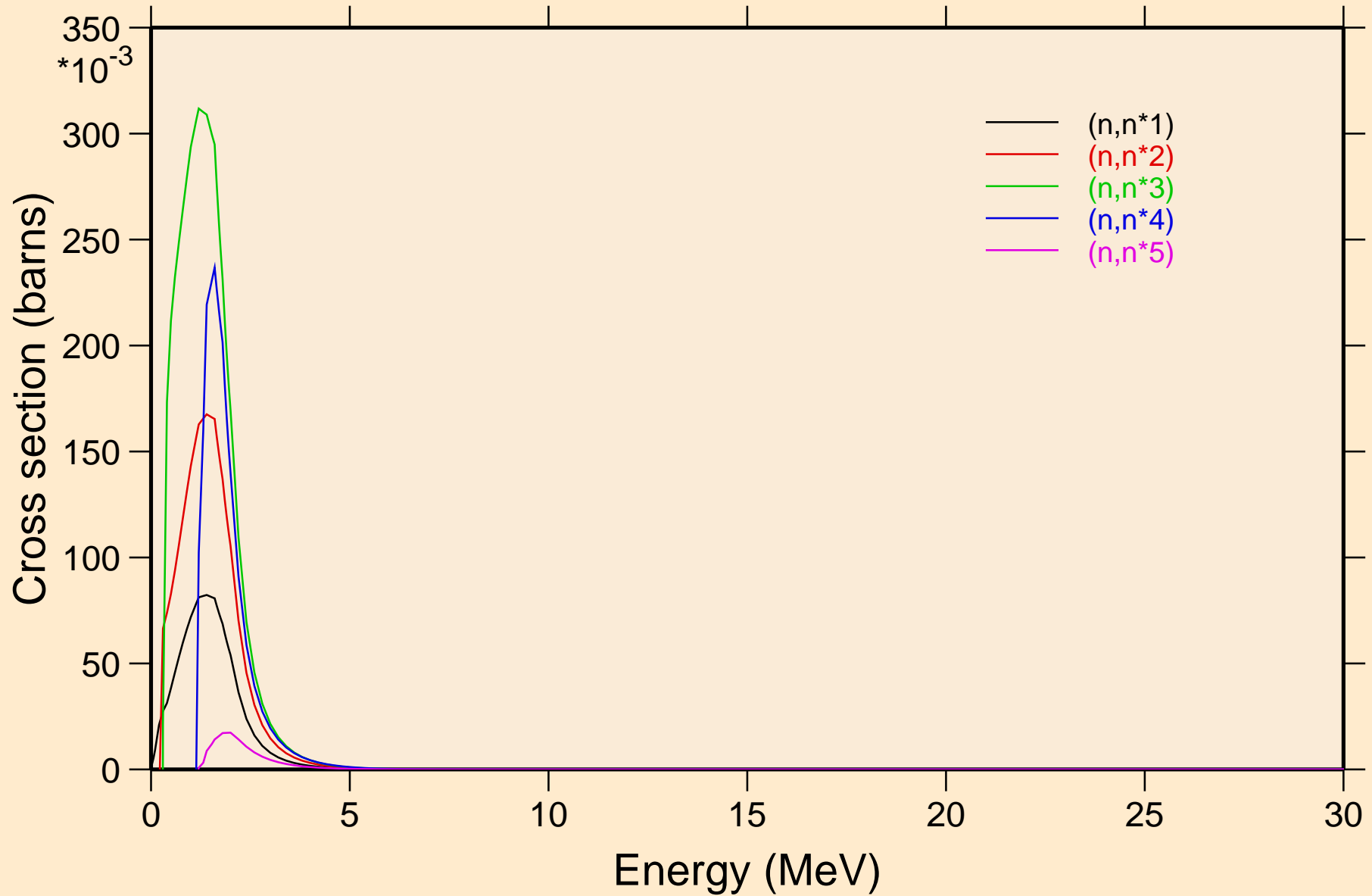


AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



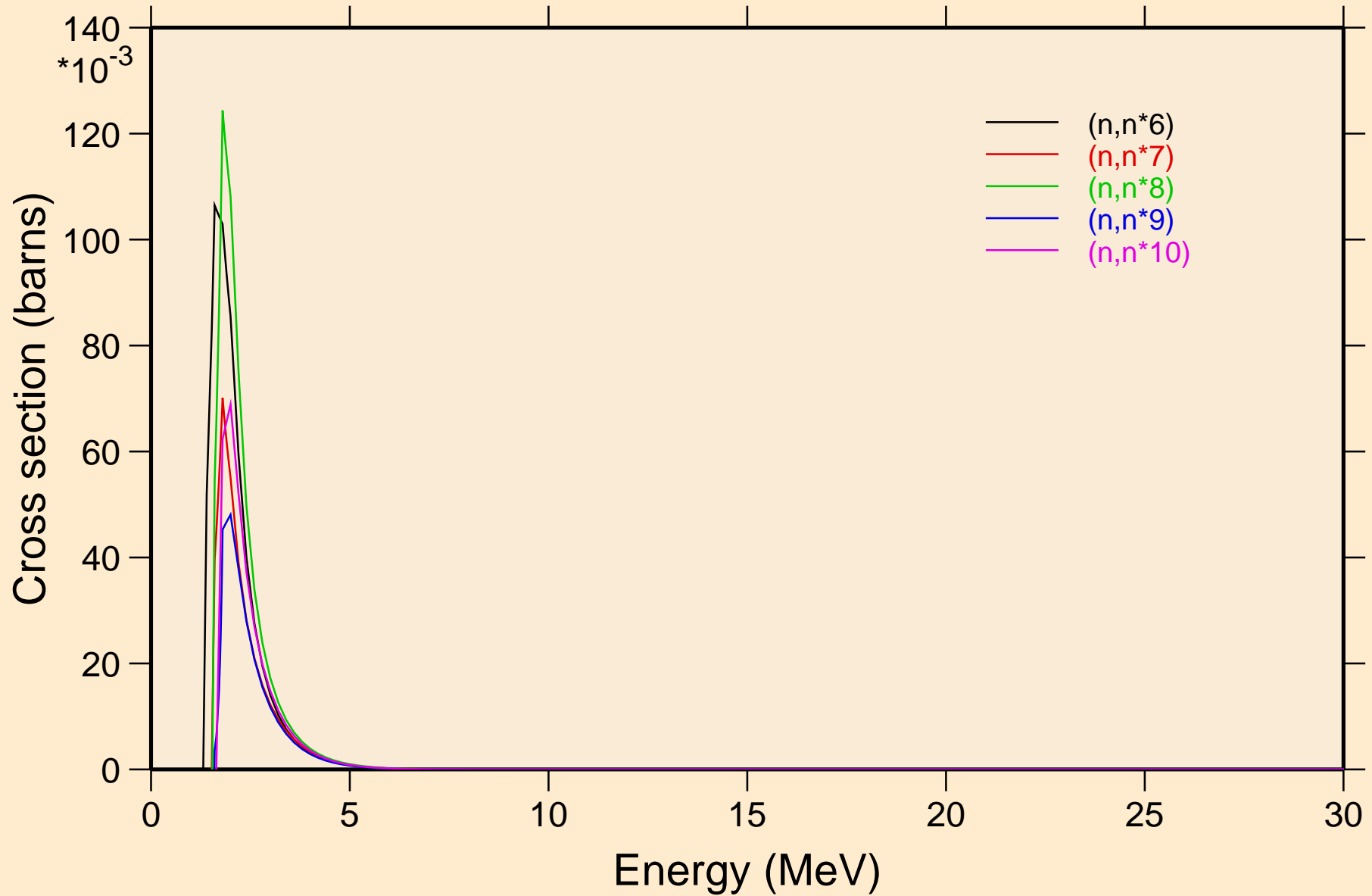
# AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



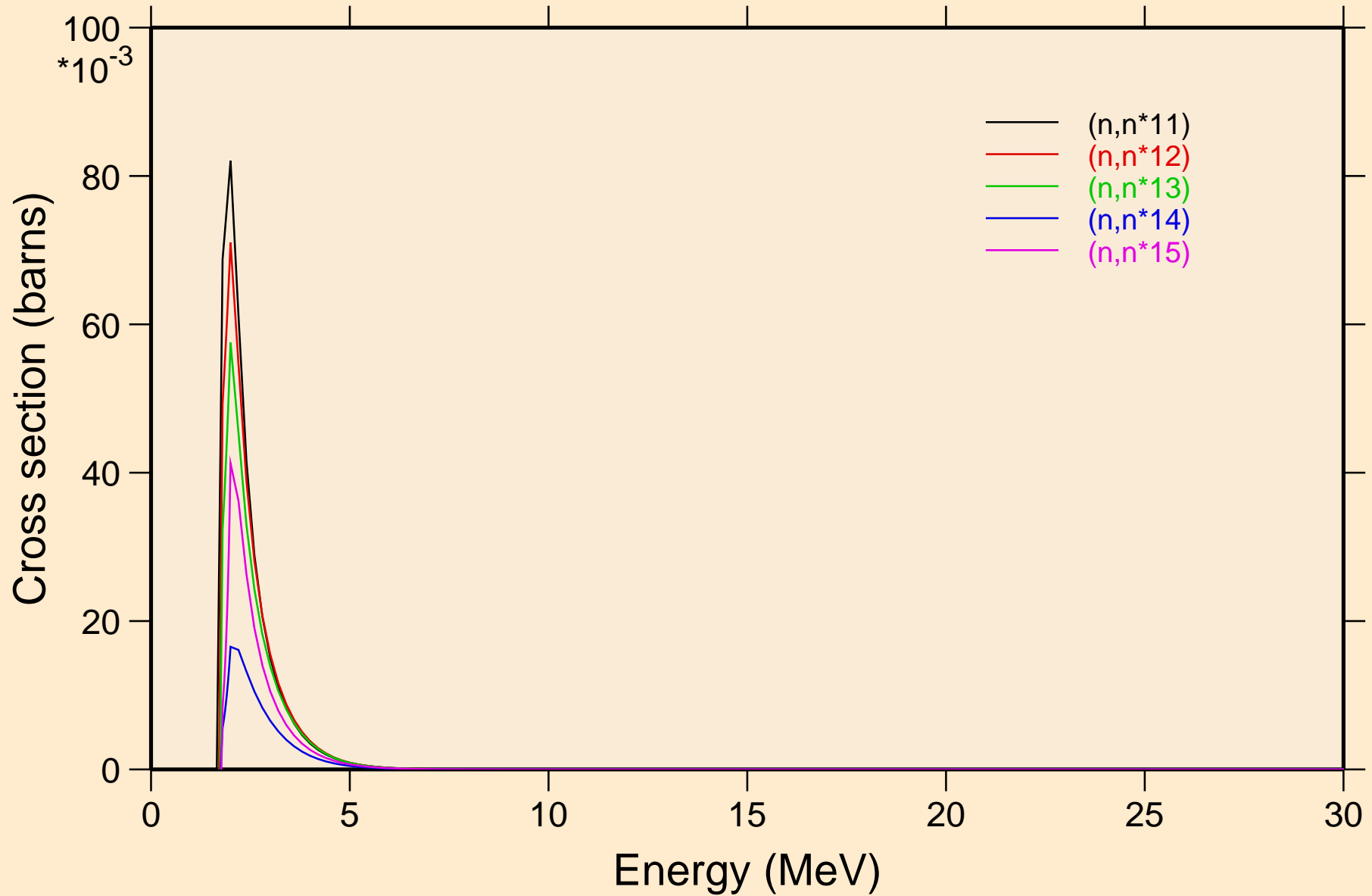
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## Inelastic levels

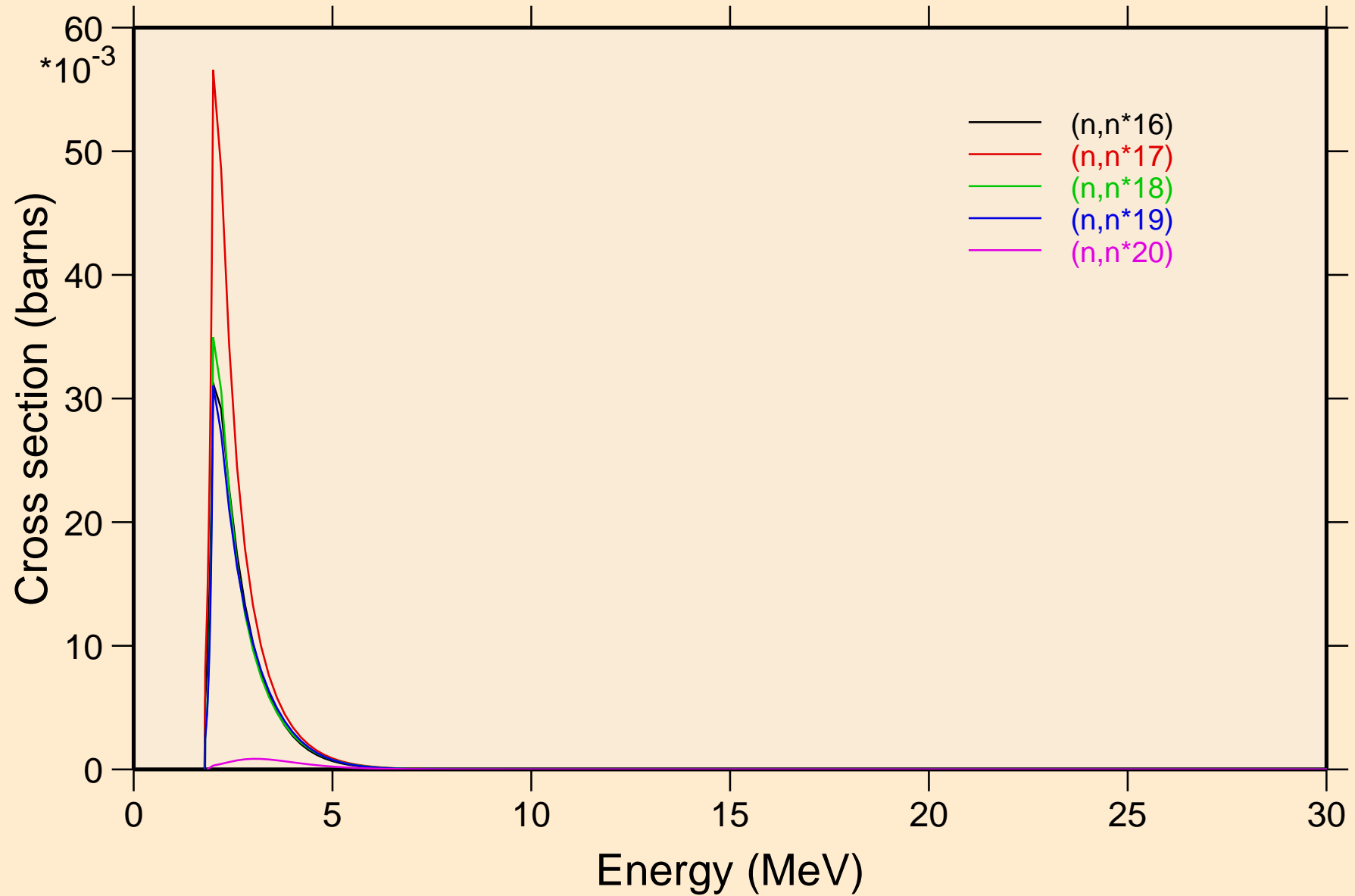




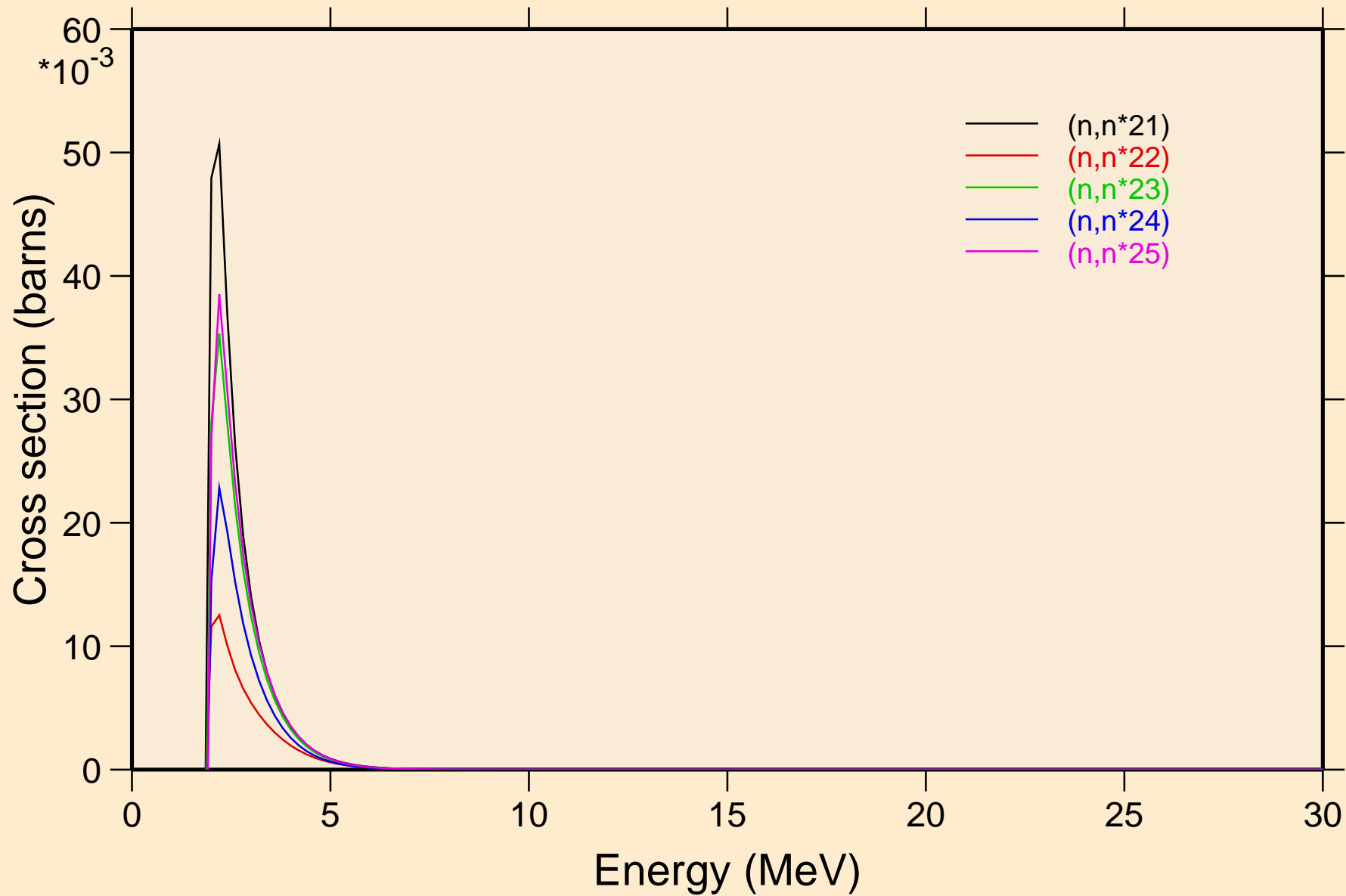
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



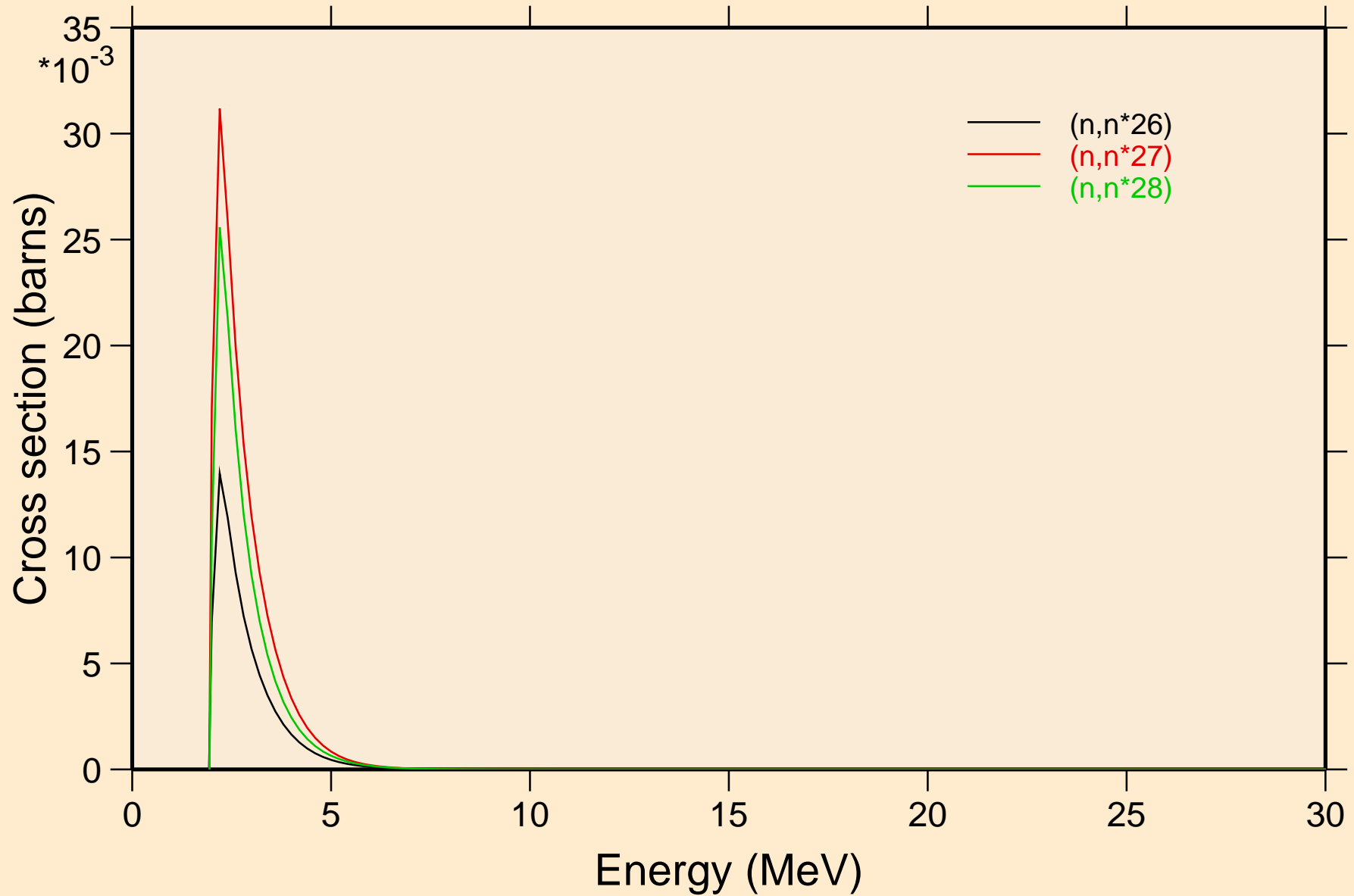
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

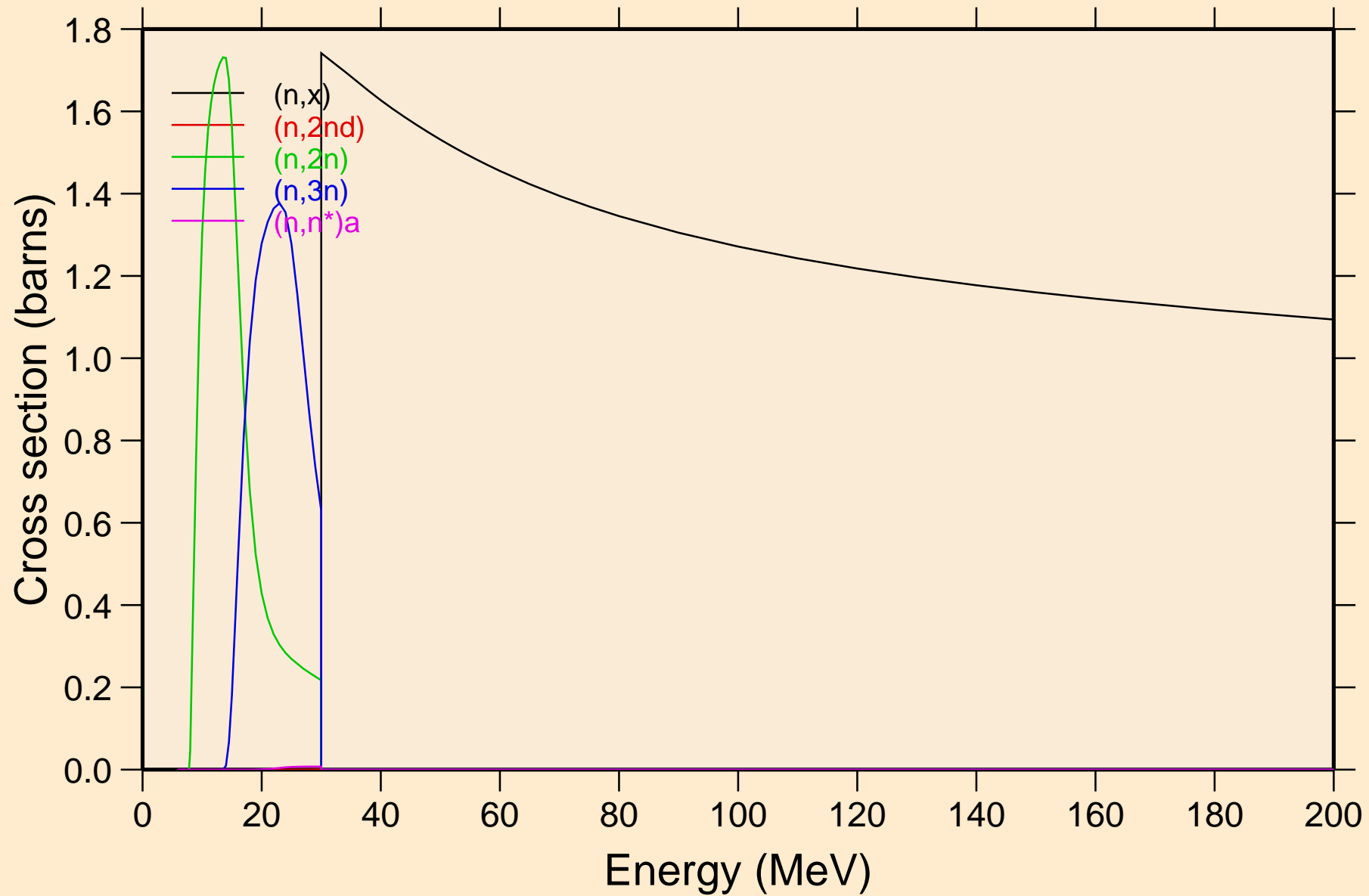


AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



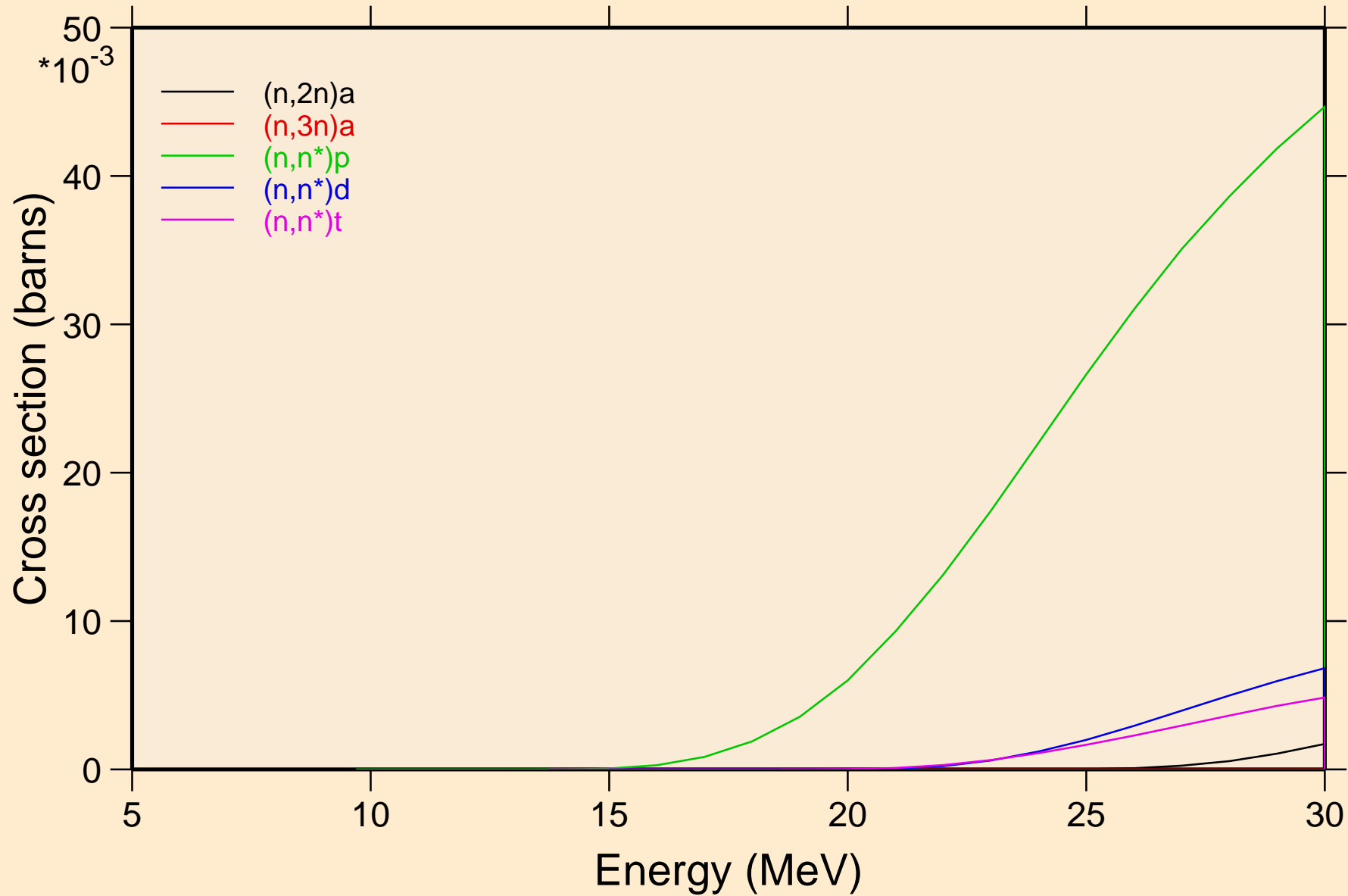
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## Threshold reactions



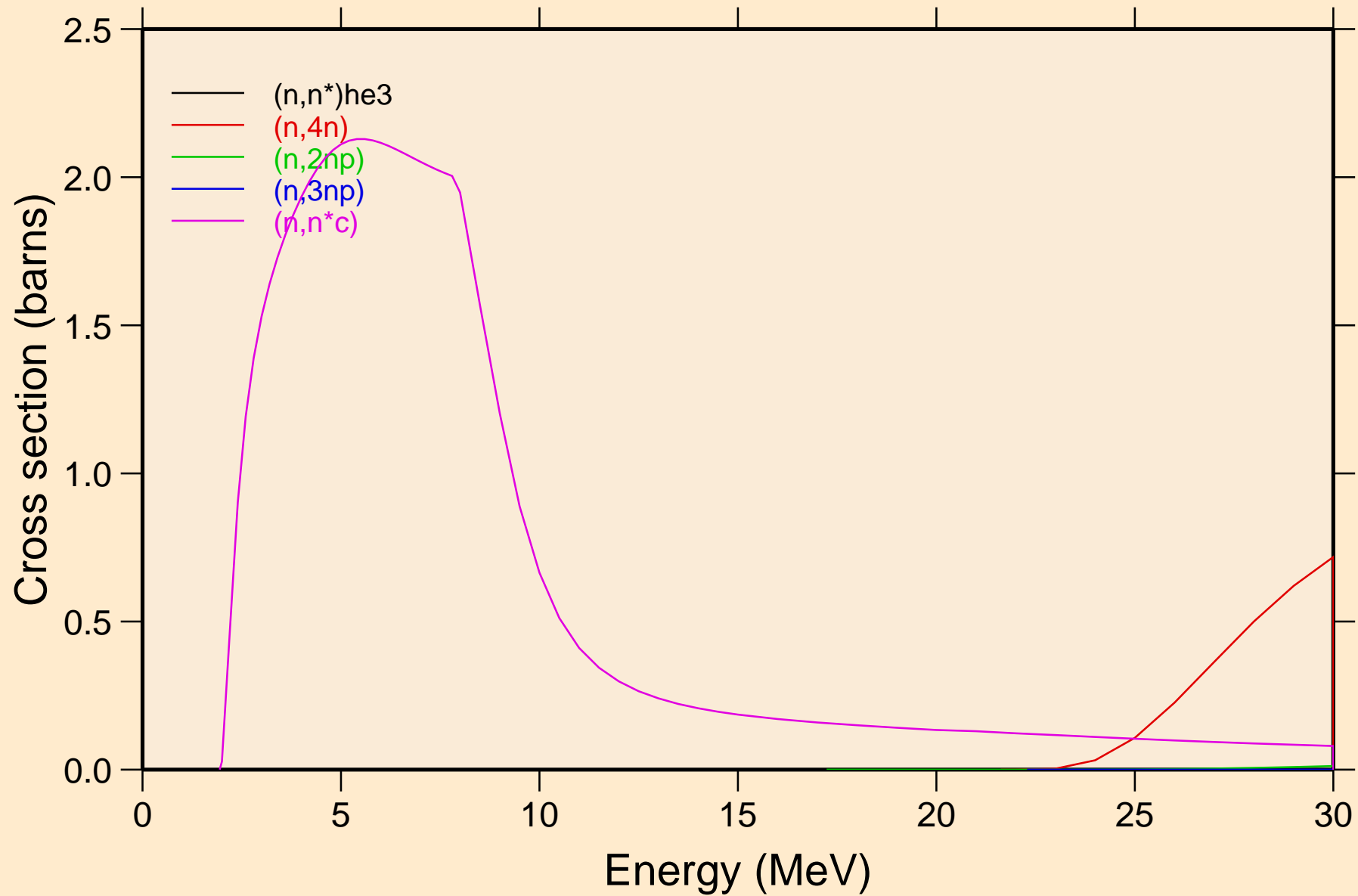
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## Threshold reactions



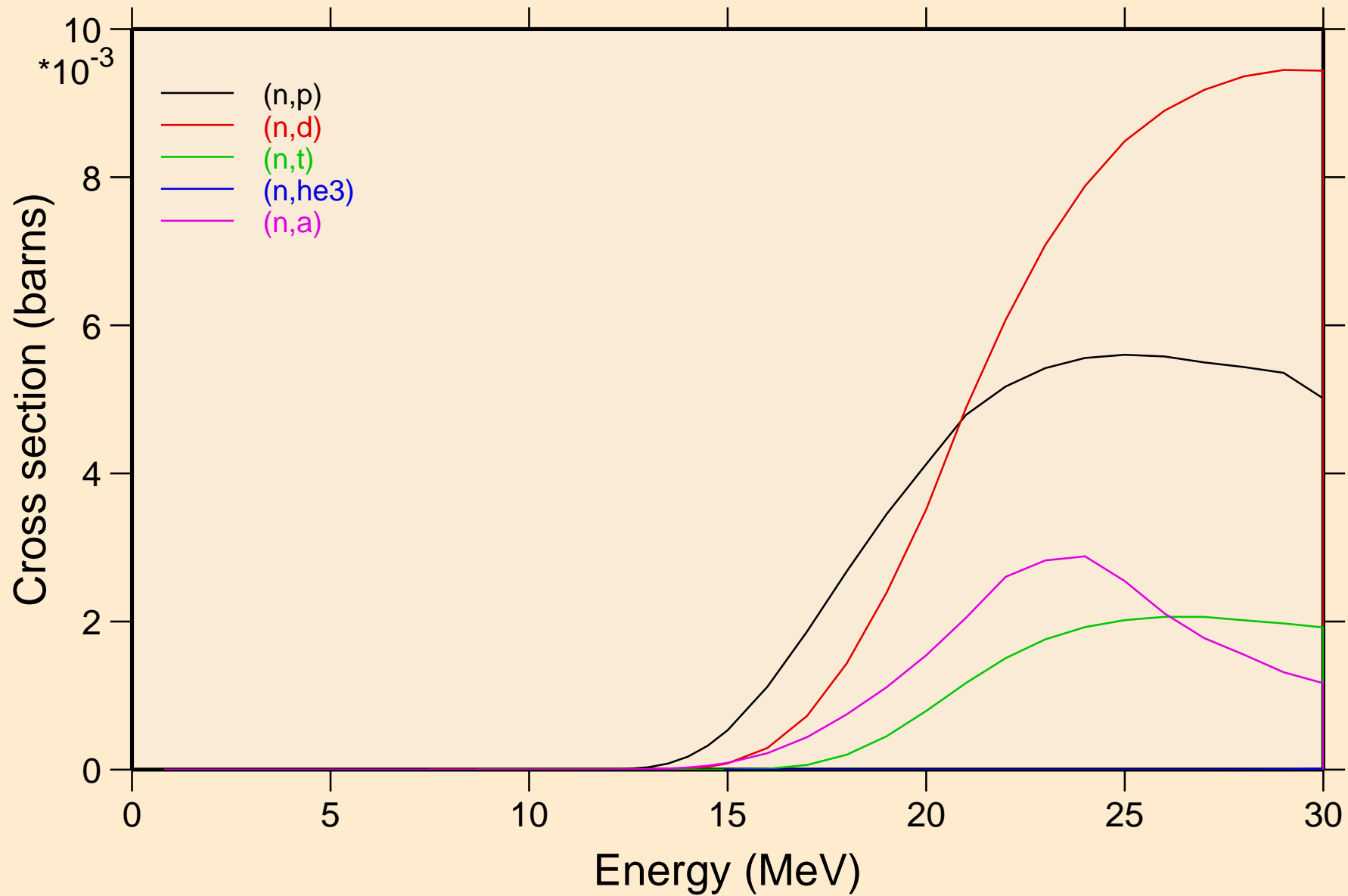
# AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

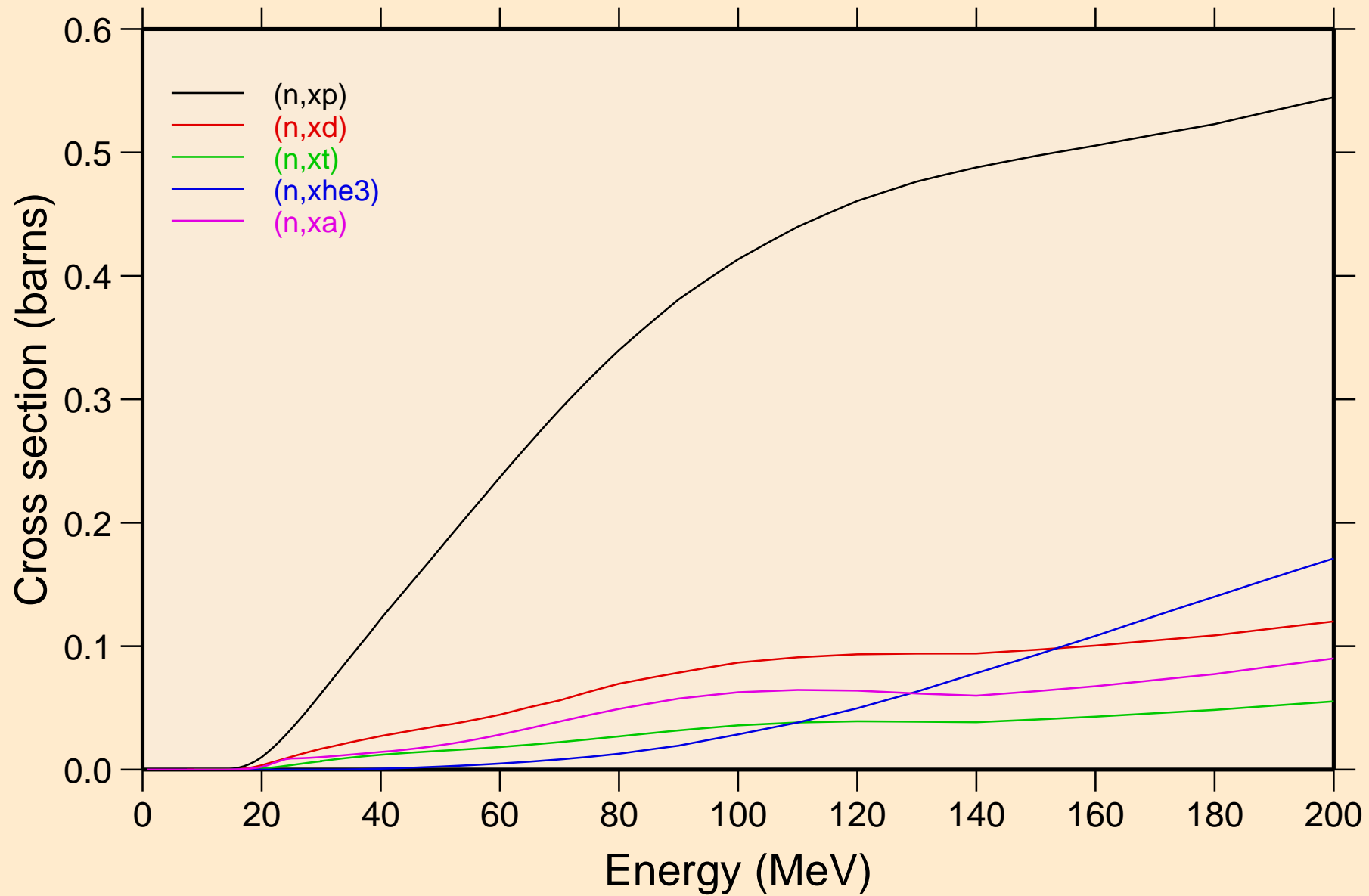
## Threshold reactions



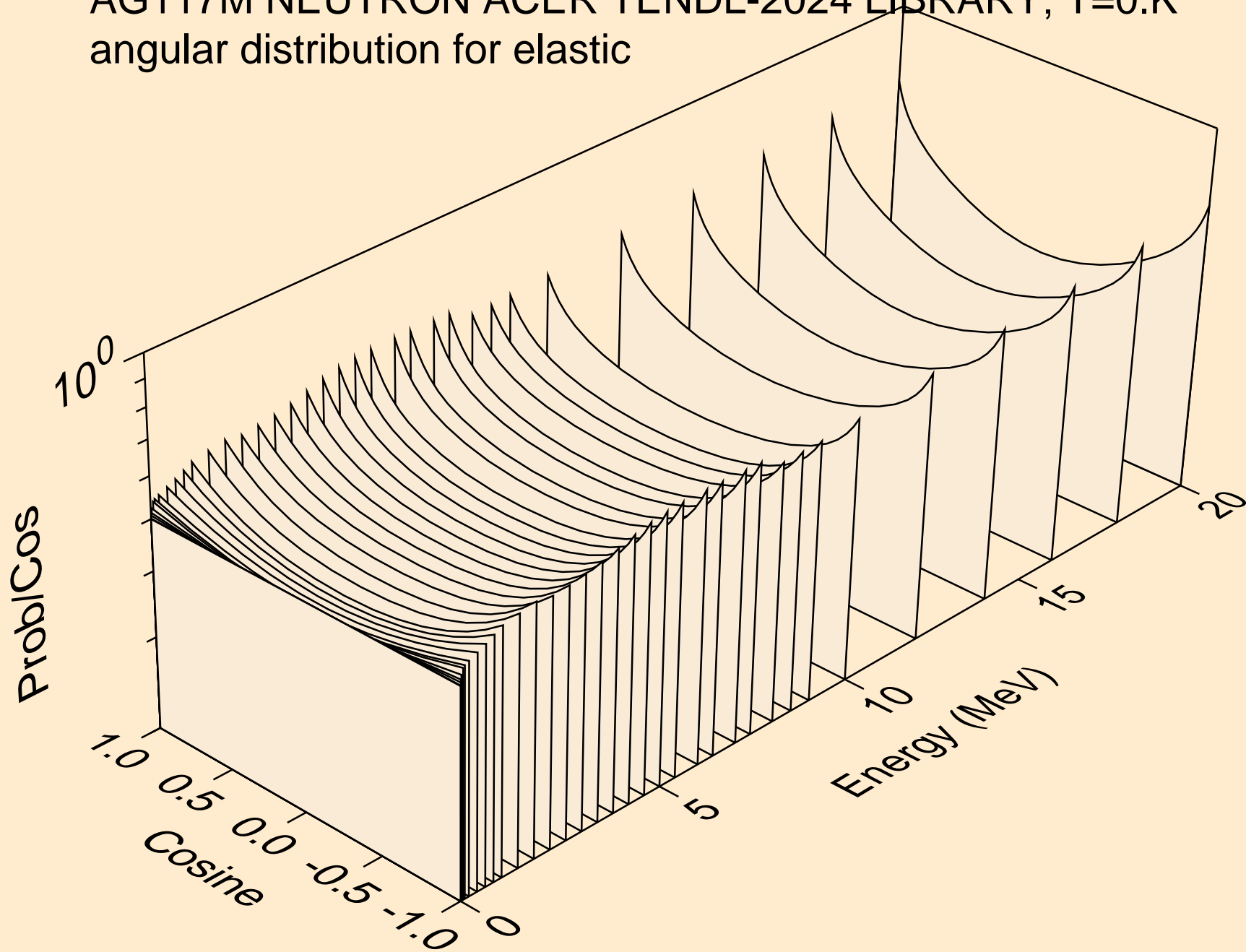


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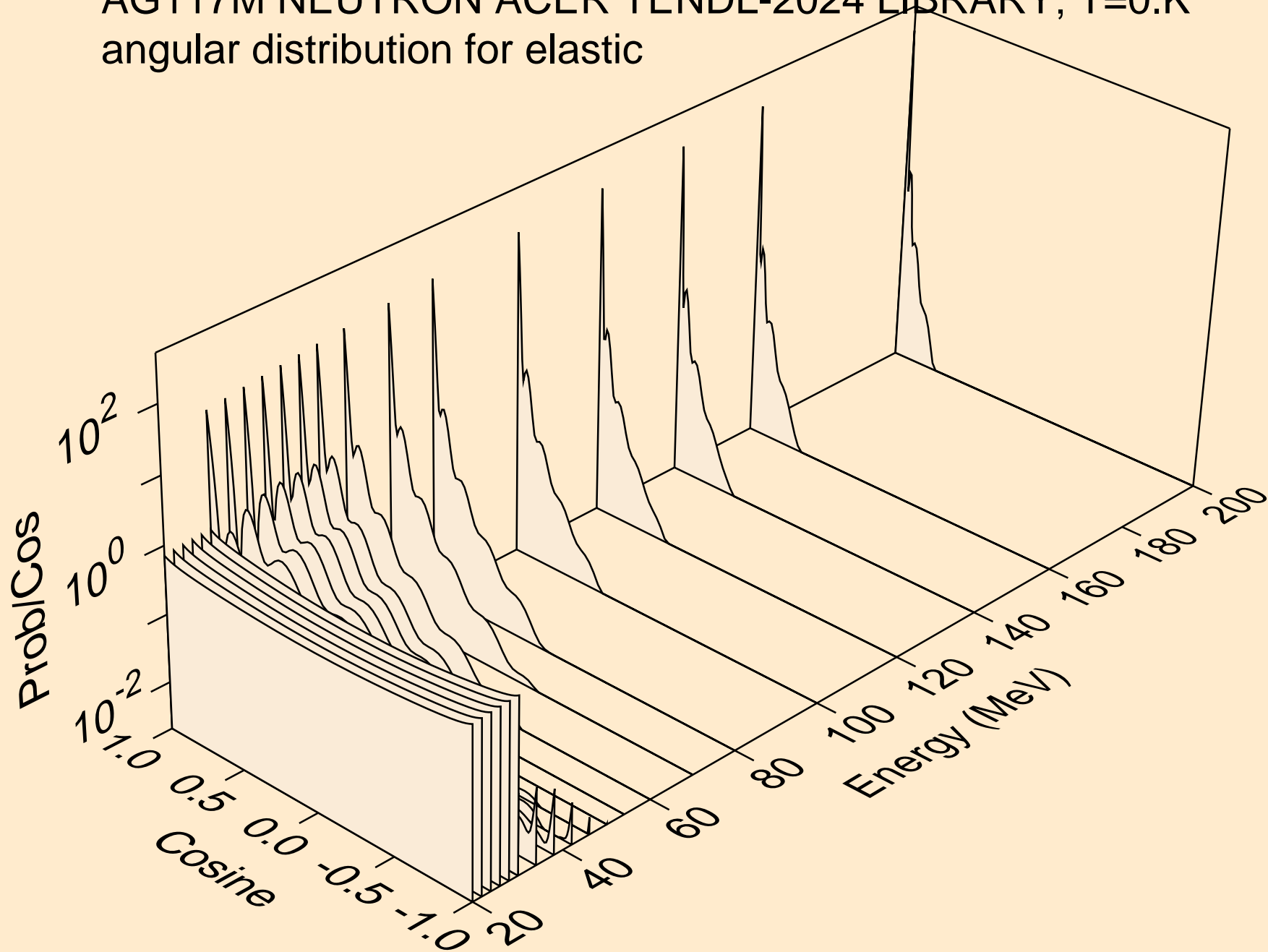
## Threshold reactions



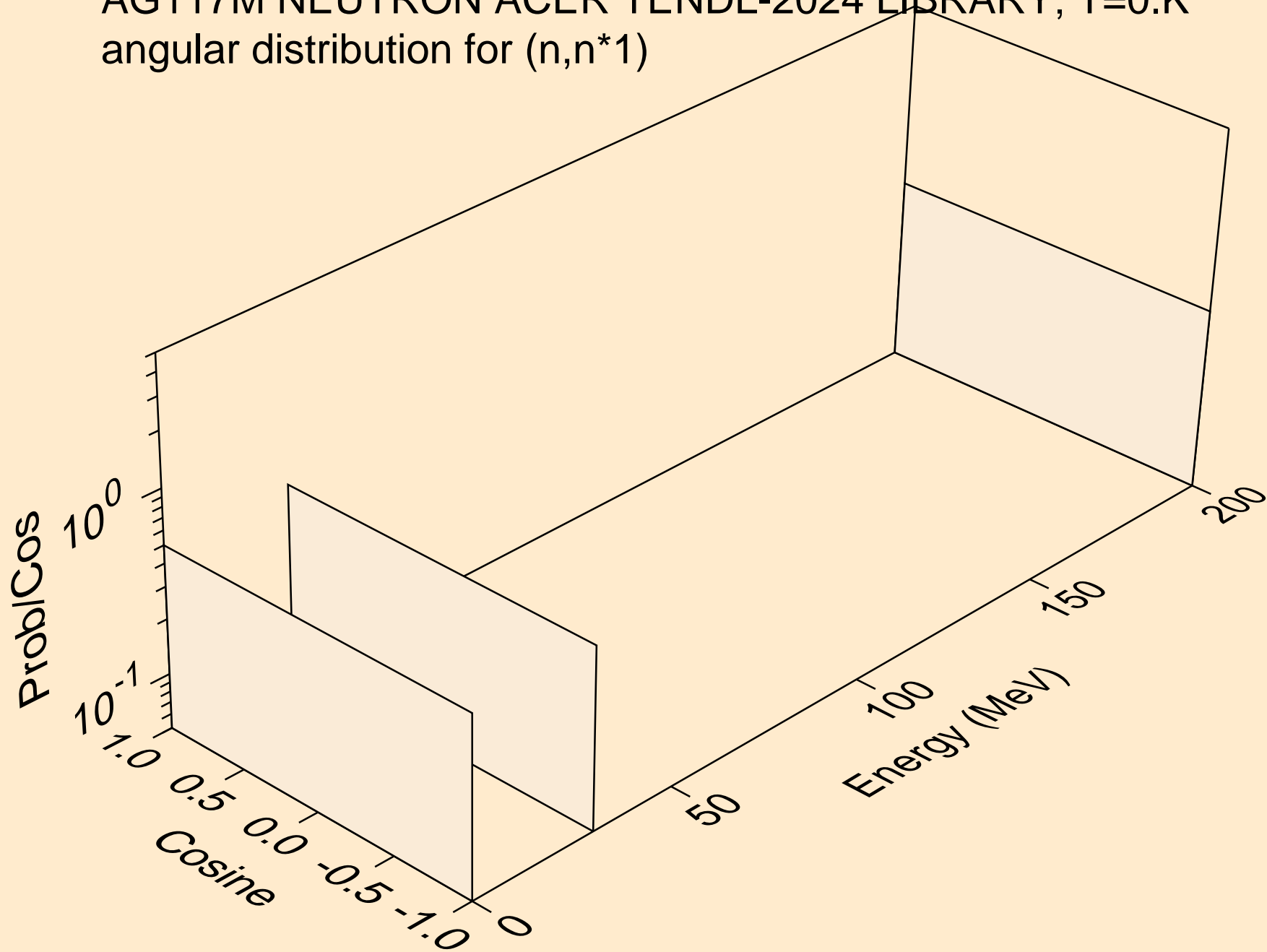
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angular distribution for elastic



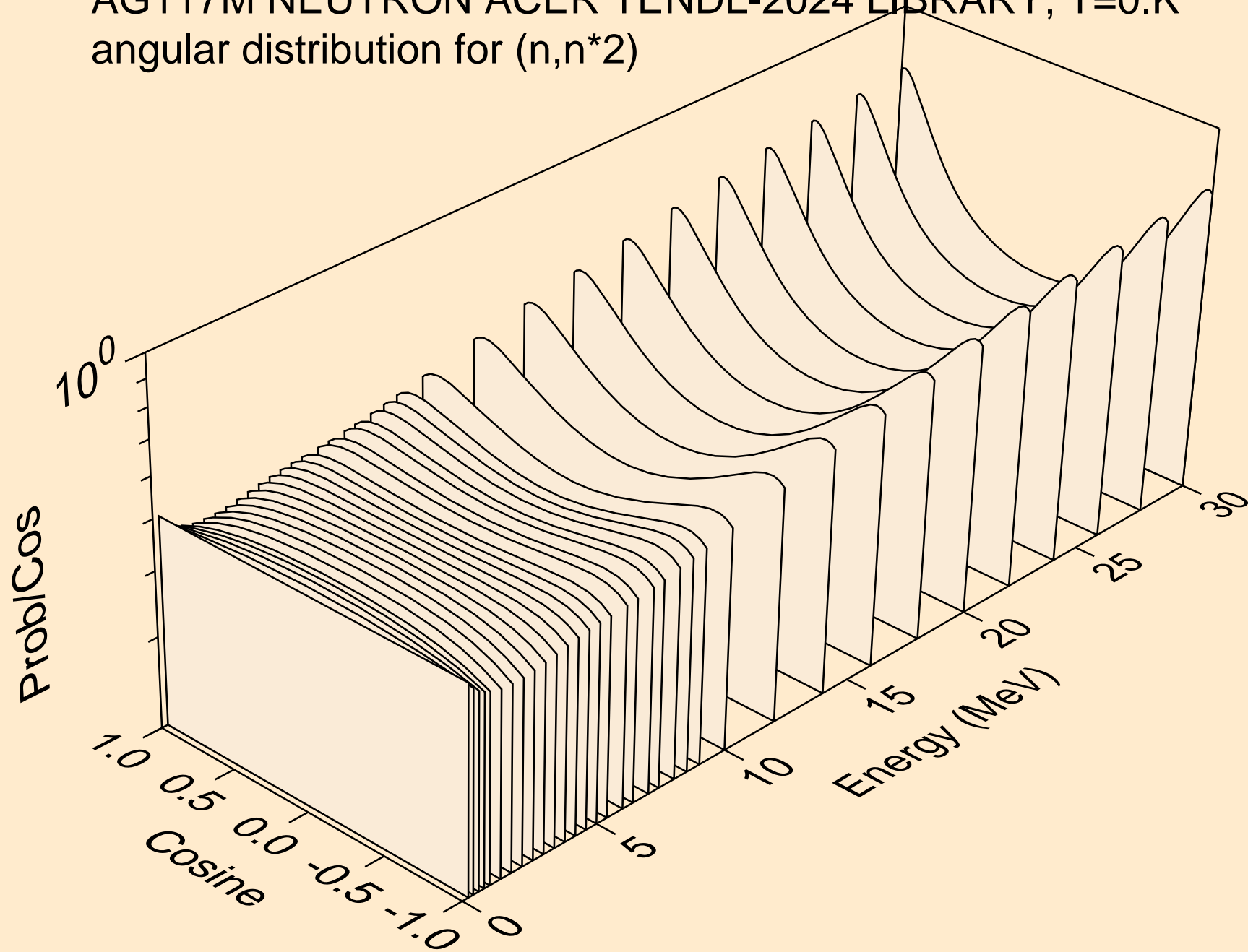
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angular distribution for elastic



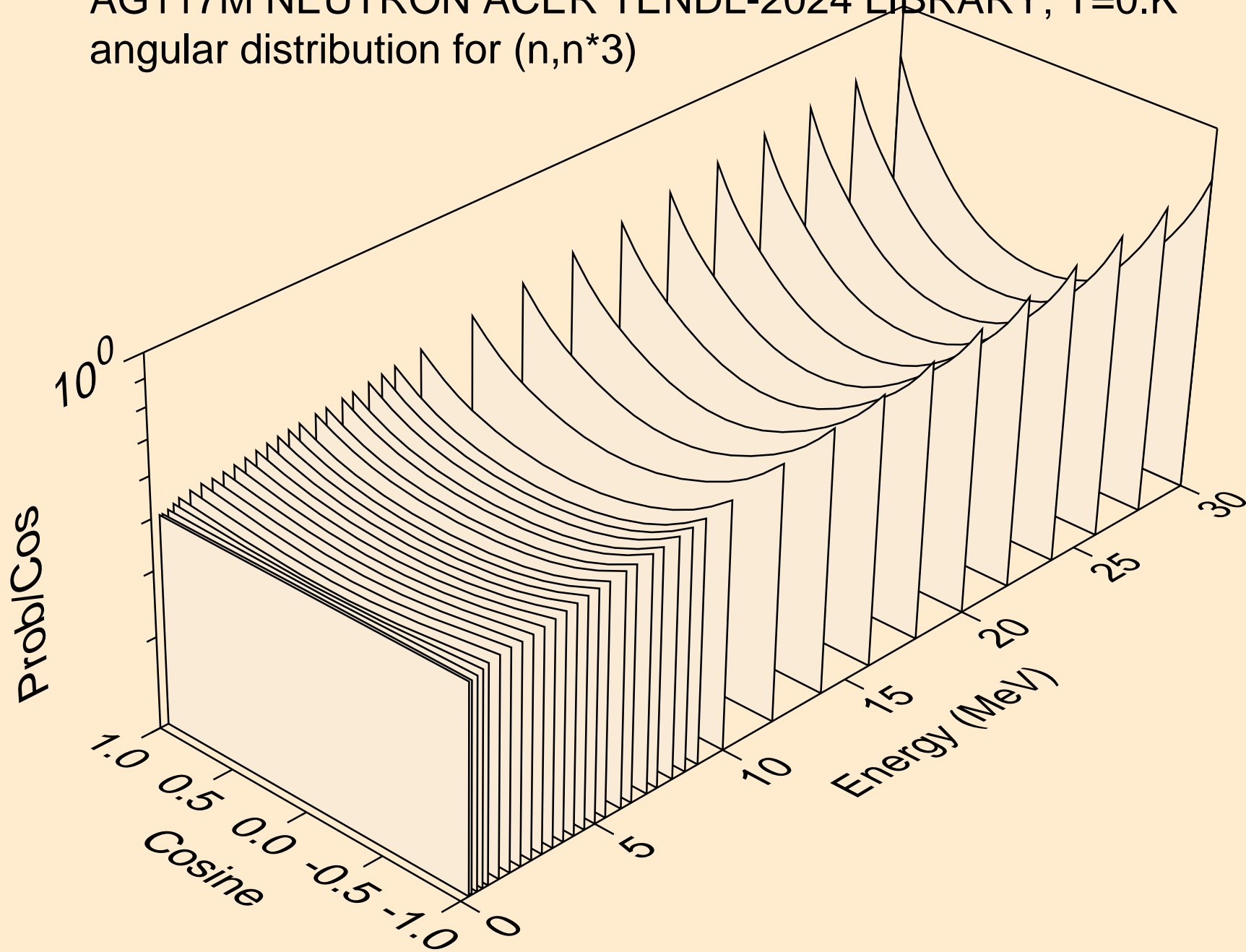
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



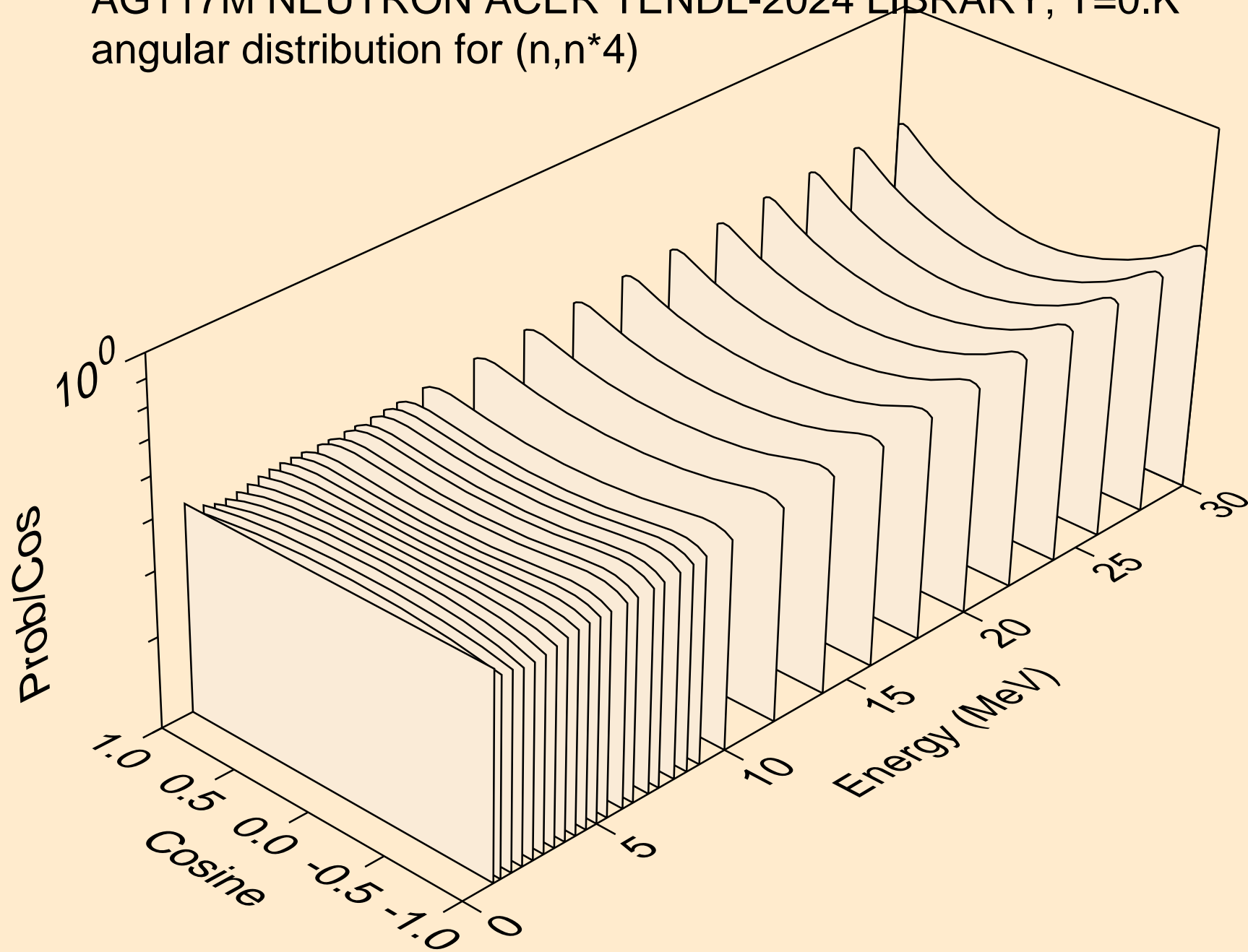
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angular distribution for (n,n\*2)



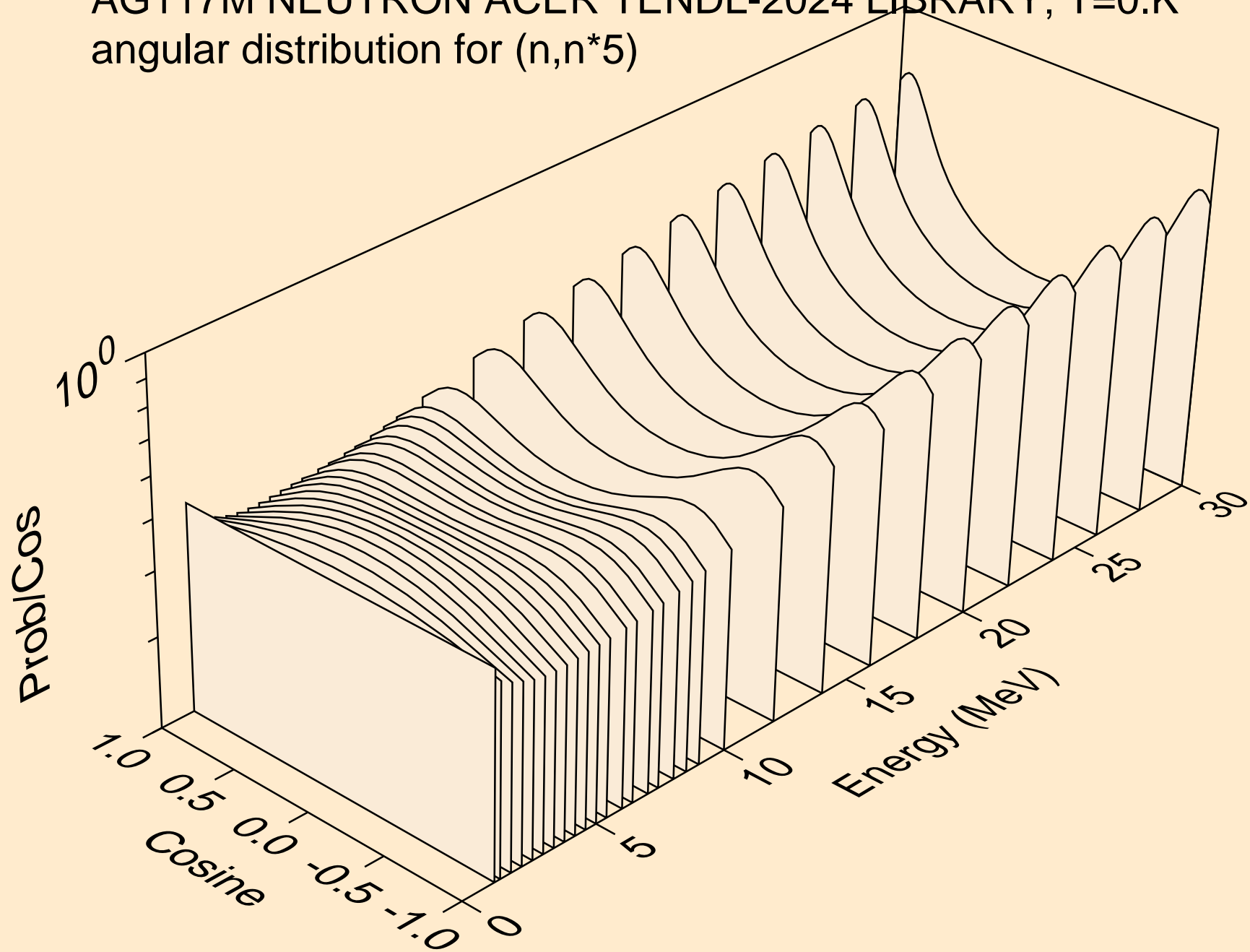
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

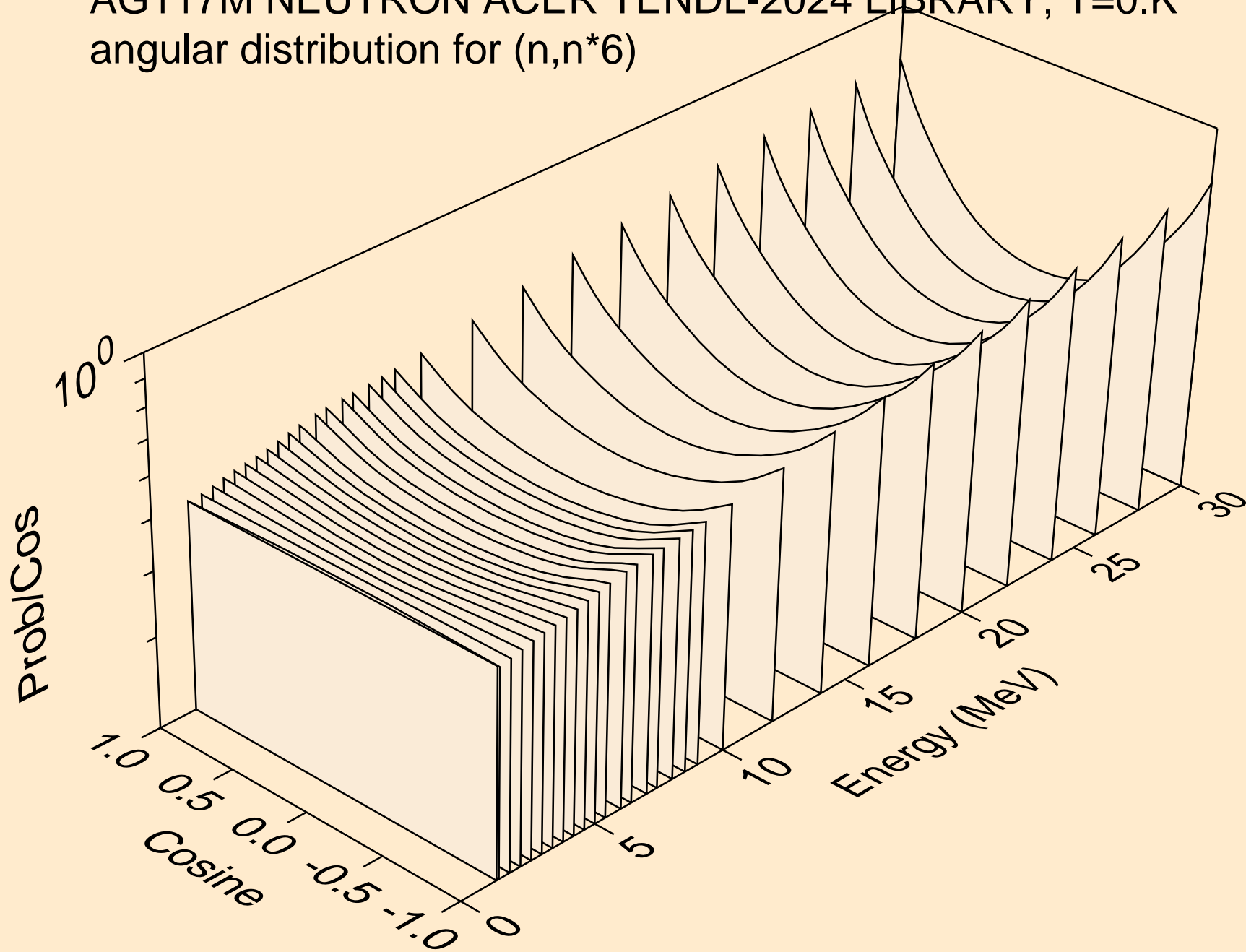


AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

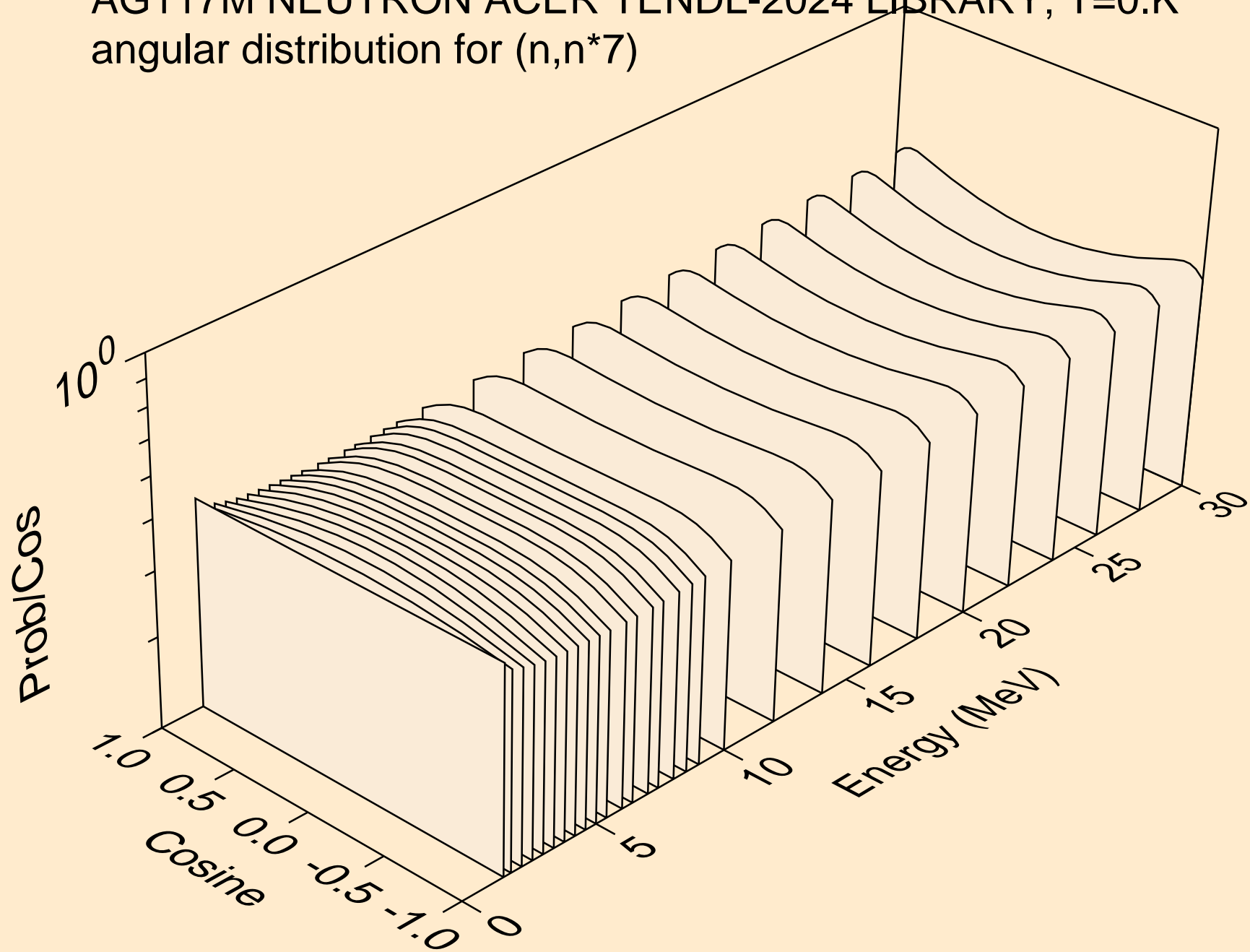




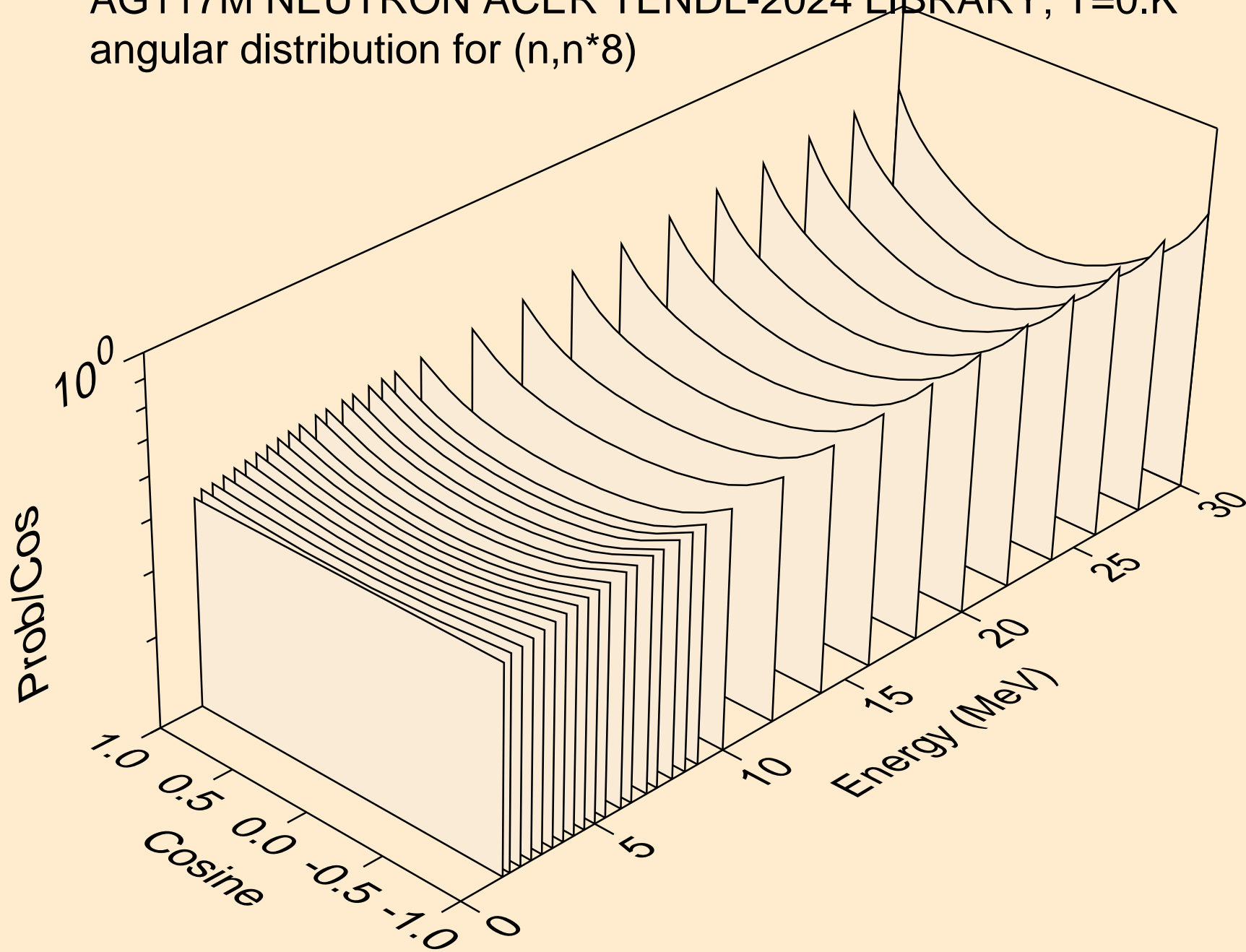
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angular distribution for (n,n\*6)



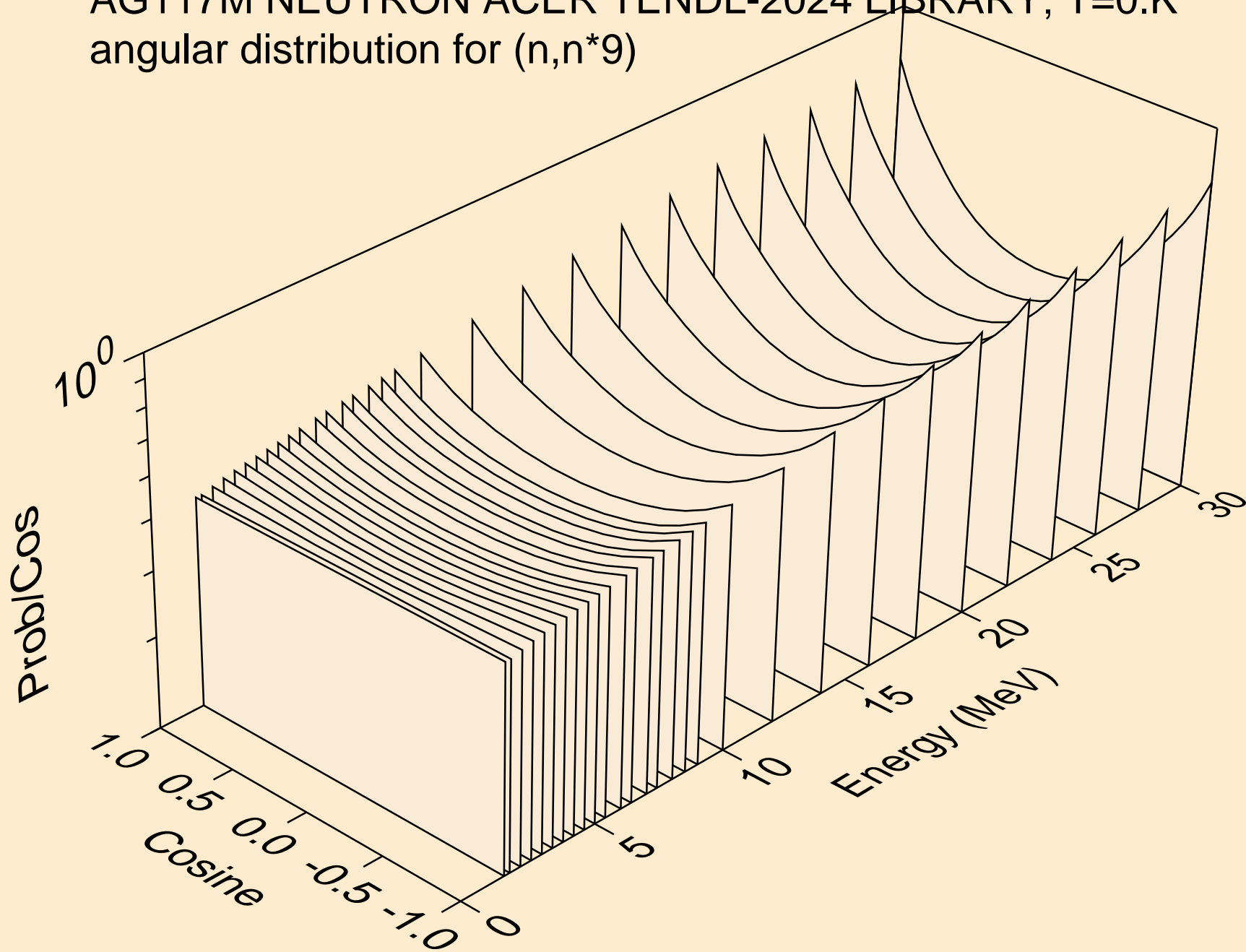
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angular distribution for (n,n\*7)



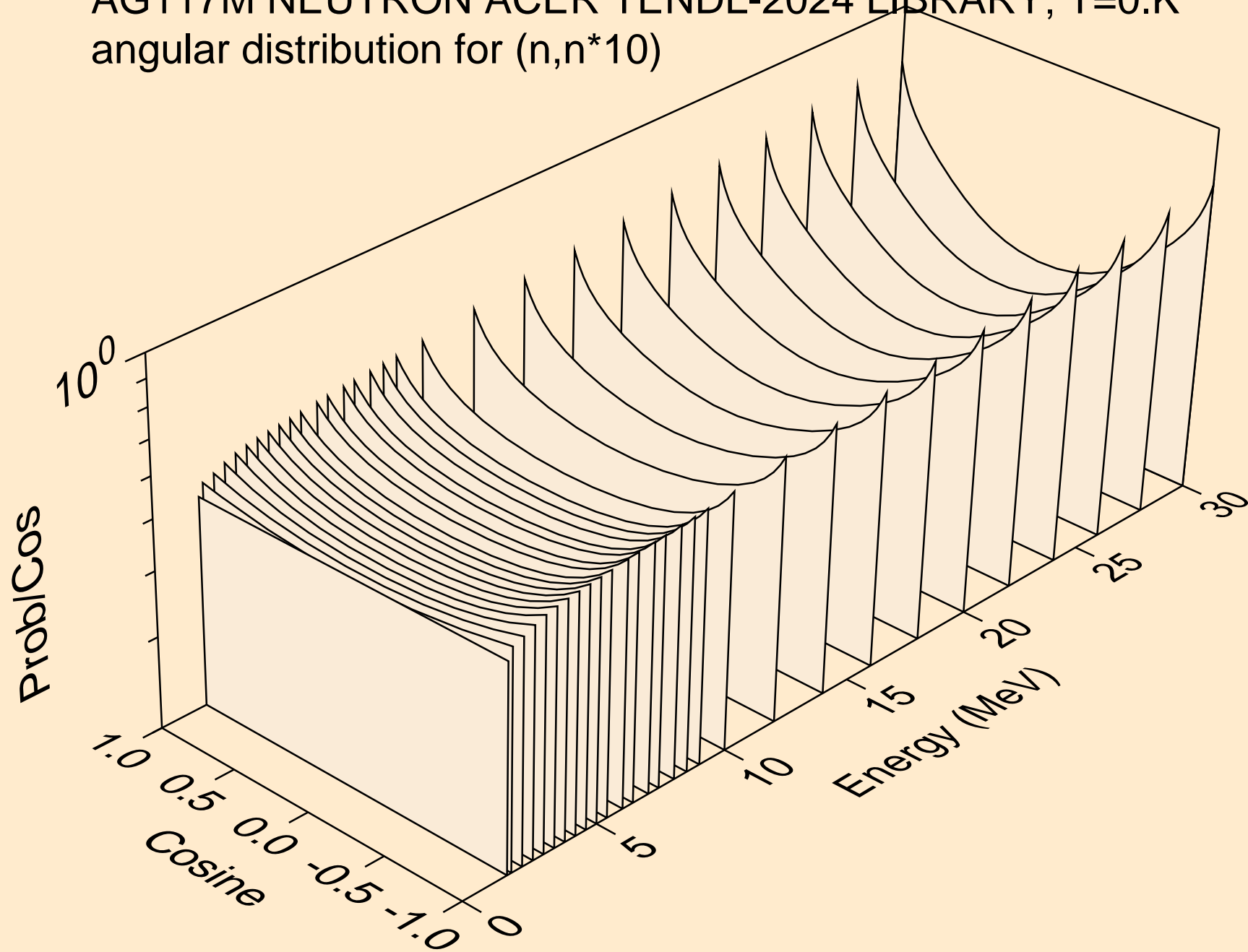
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angular distribution for (n,n\*8)



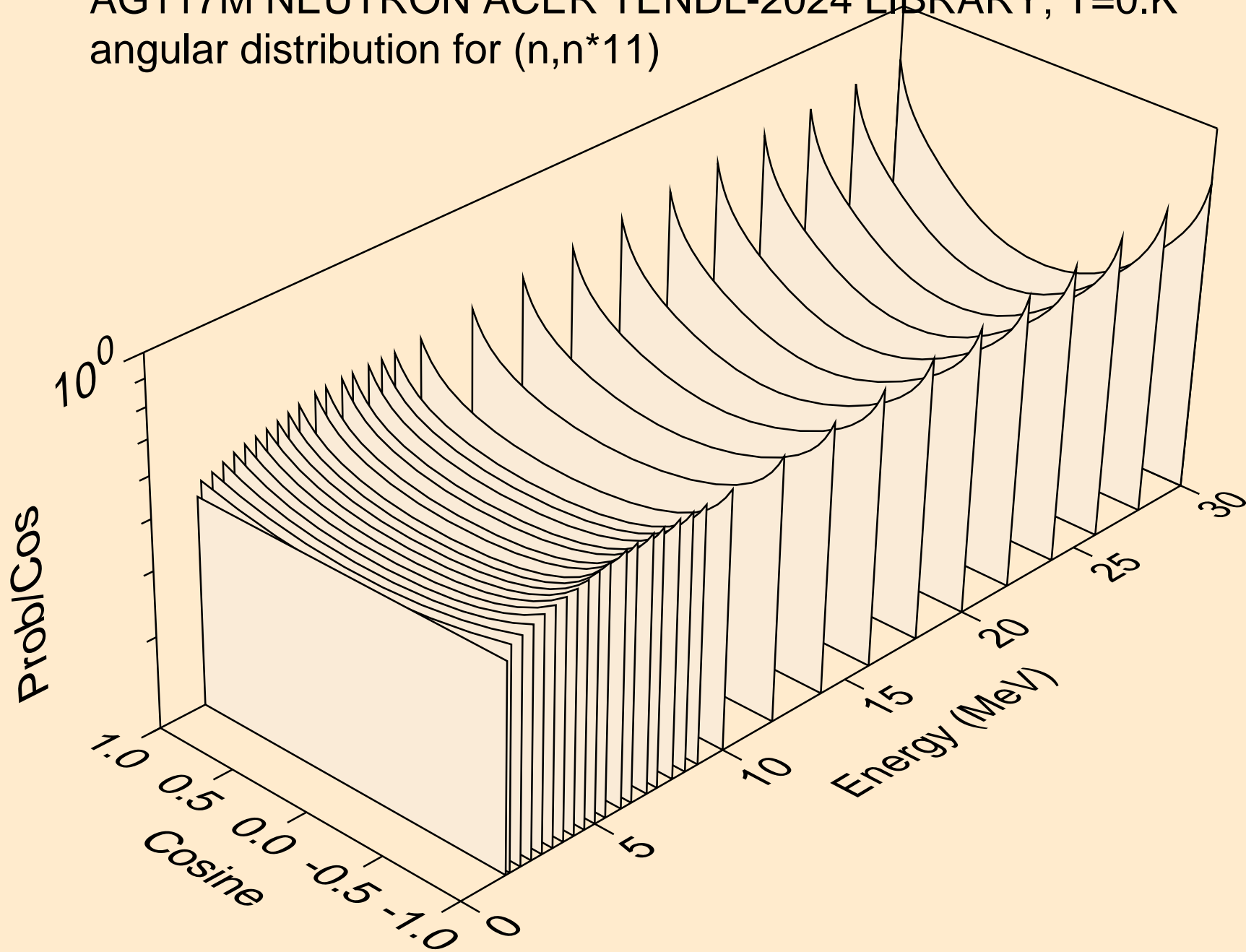
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angular distribution for (n,n\*9)



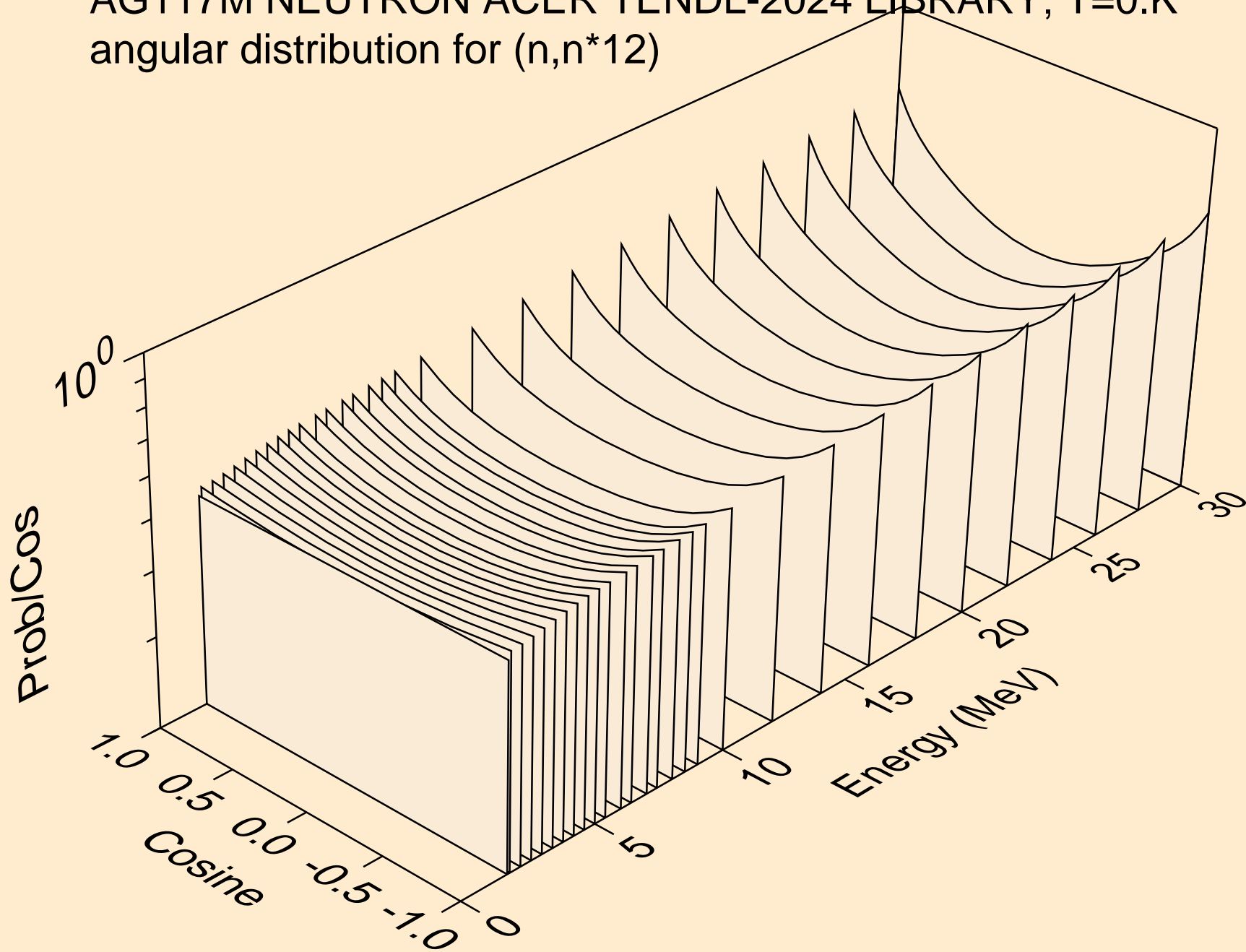
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angular distribution for (n,n\*10)



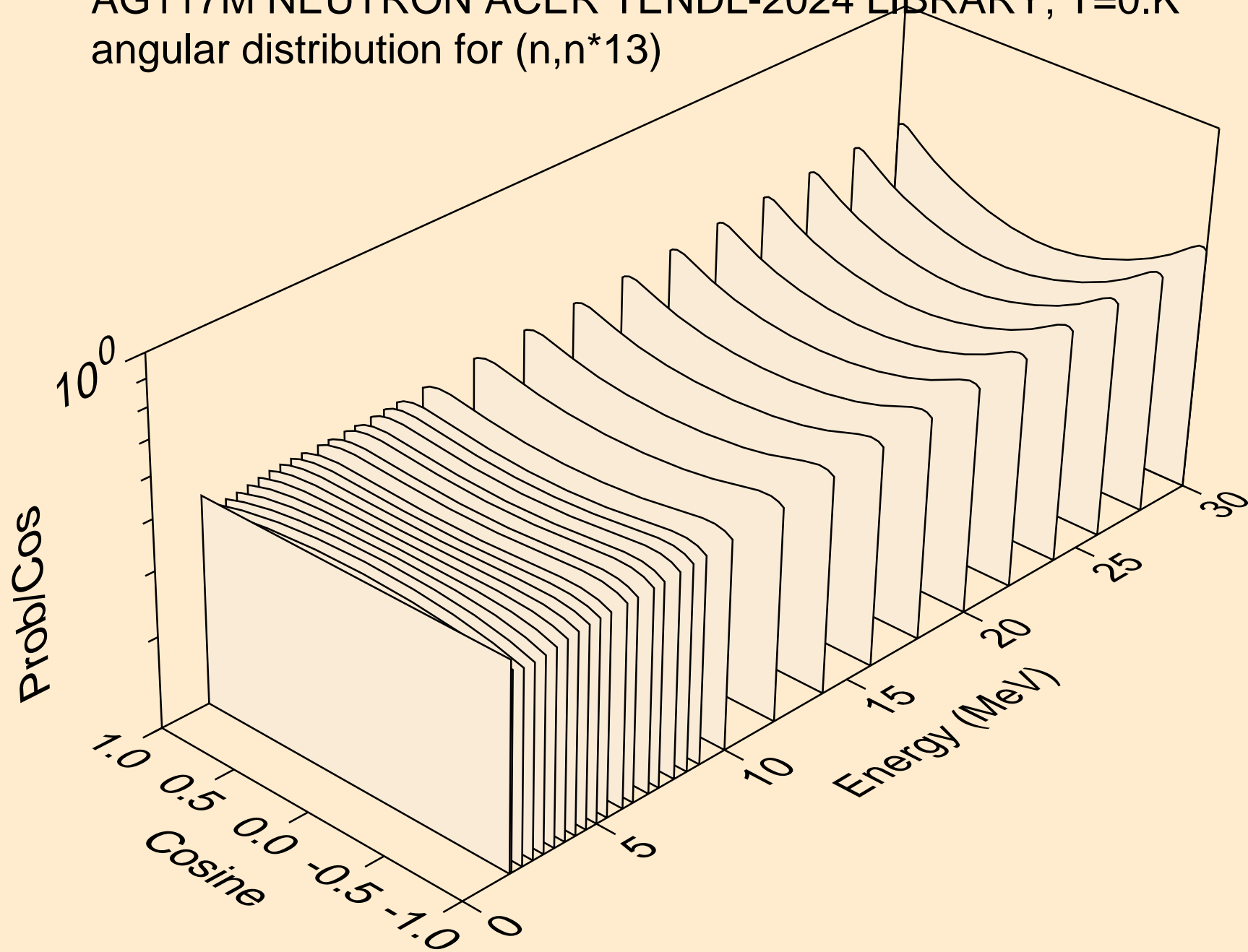
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

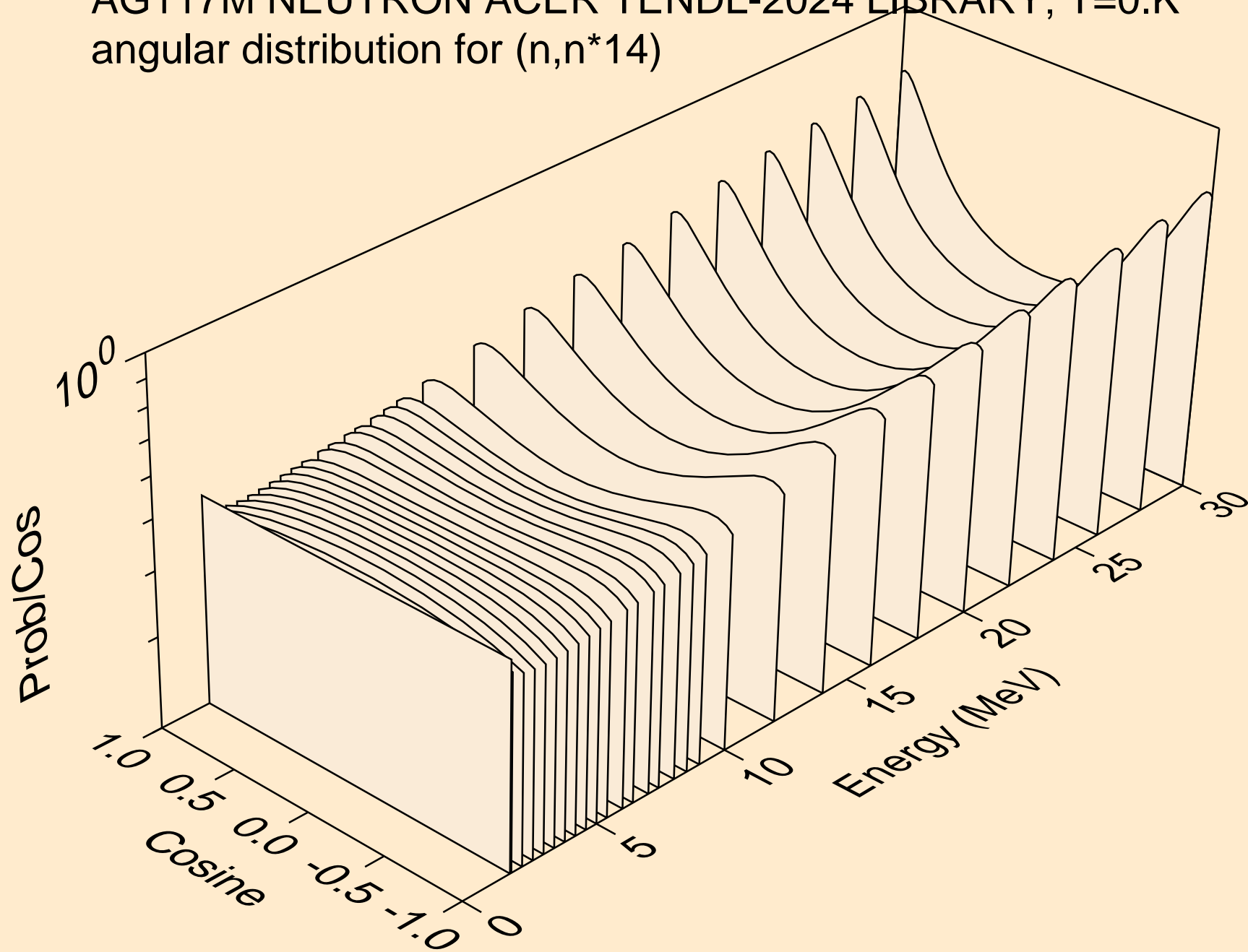


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angular distribution for (n,n\*13)

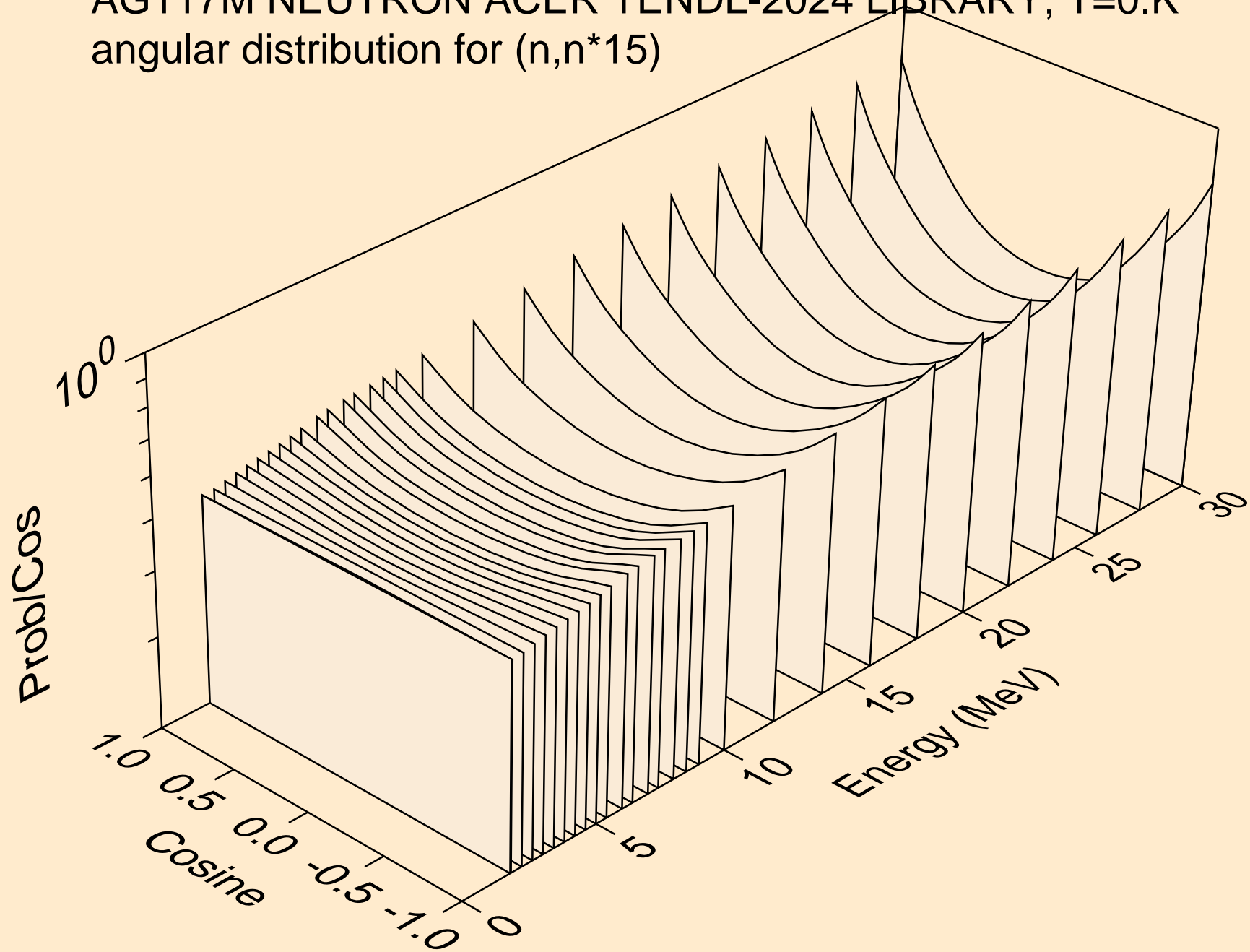




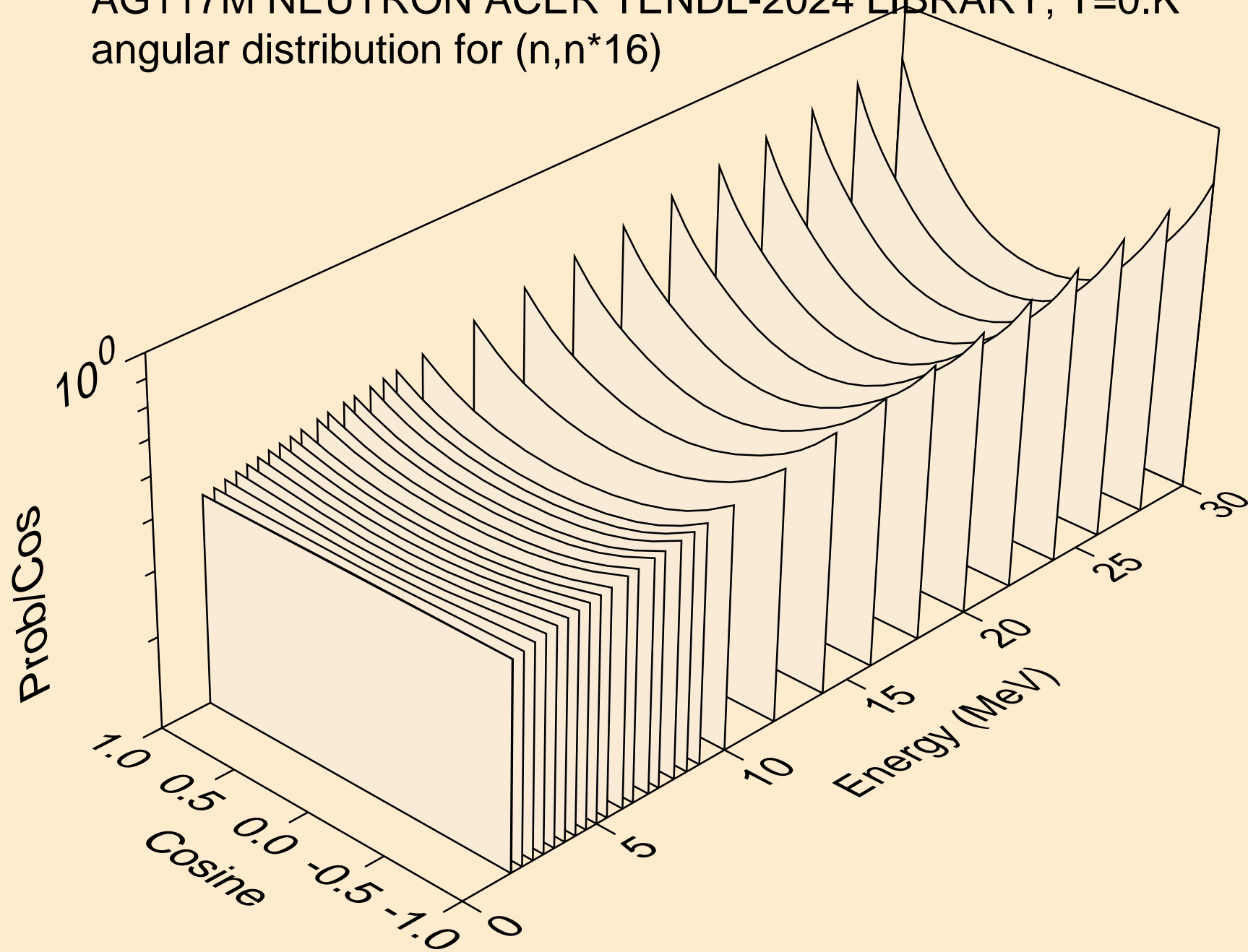
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angular distribution for (n,n\*14)



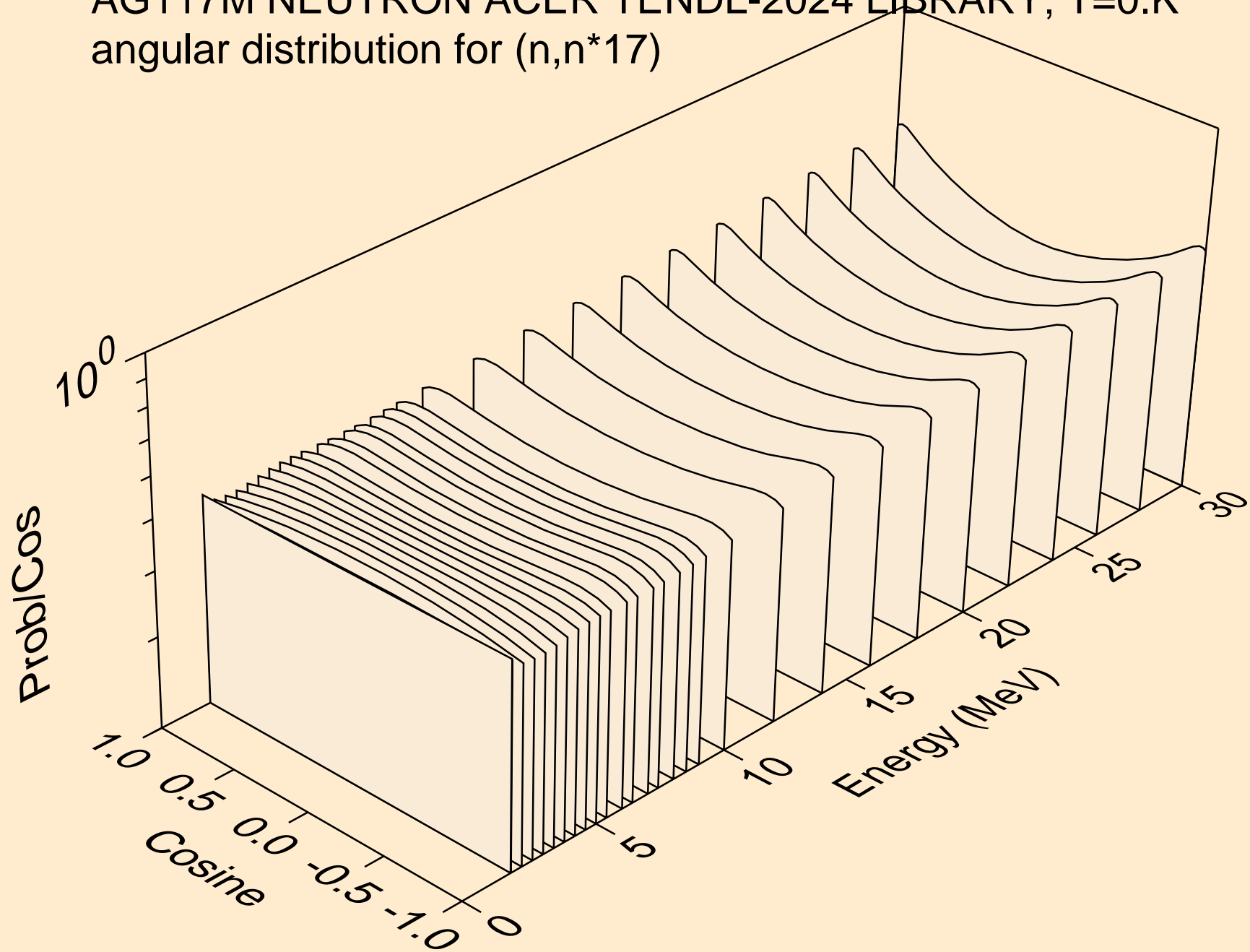
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angular distribution for (n,n\*15)



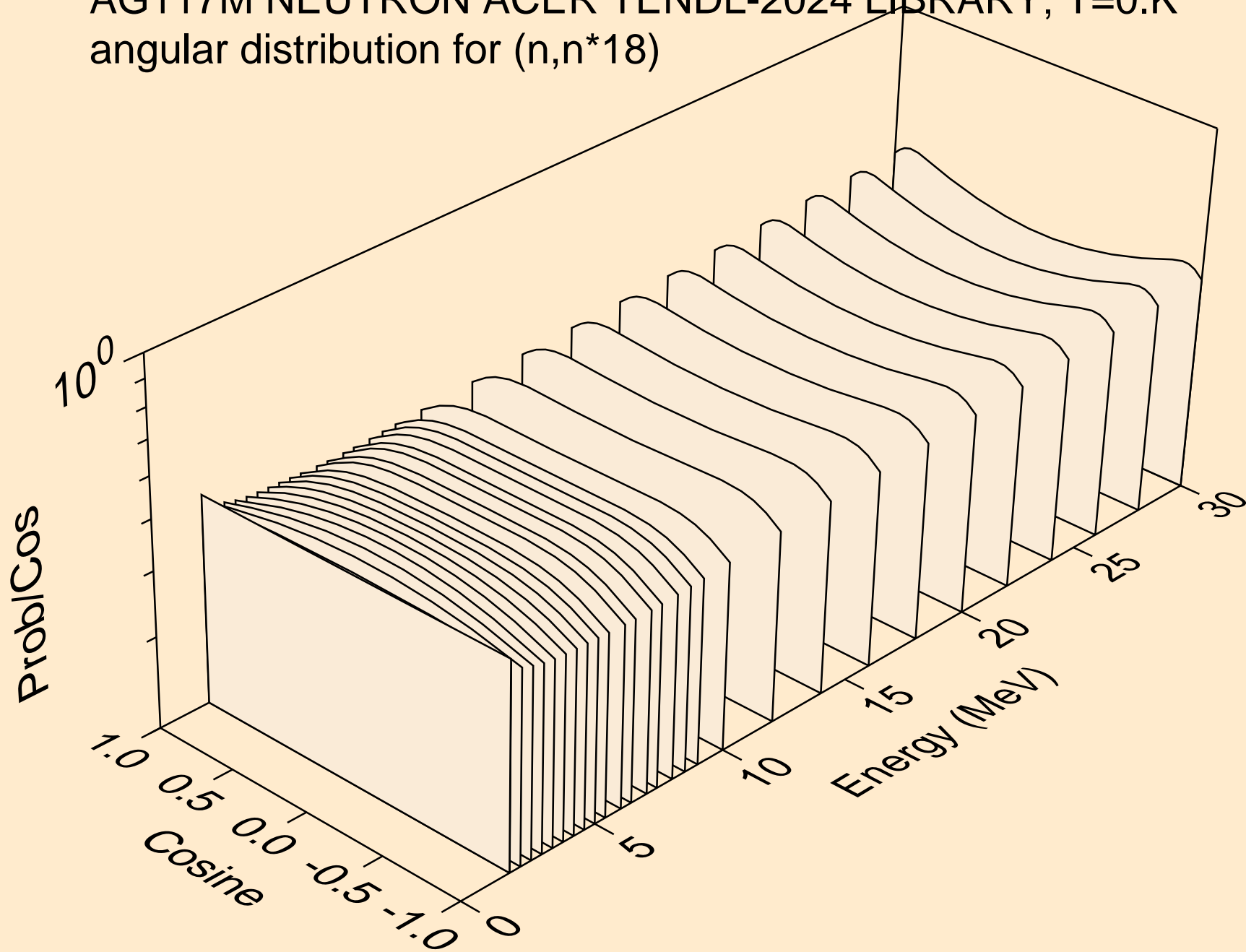
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angular distribution for (n,n\*16)



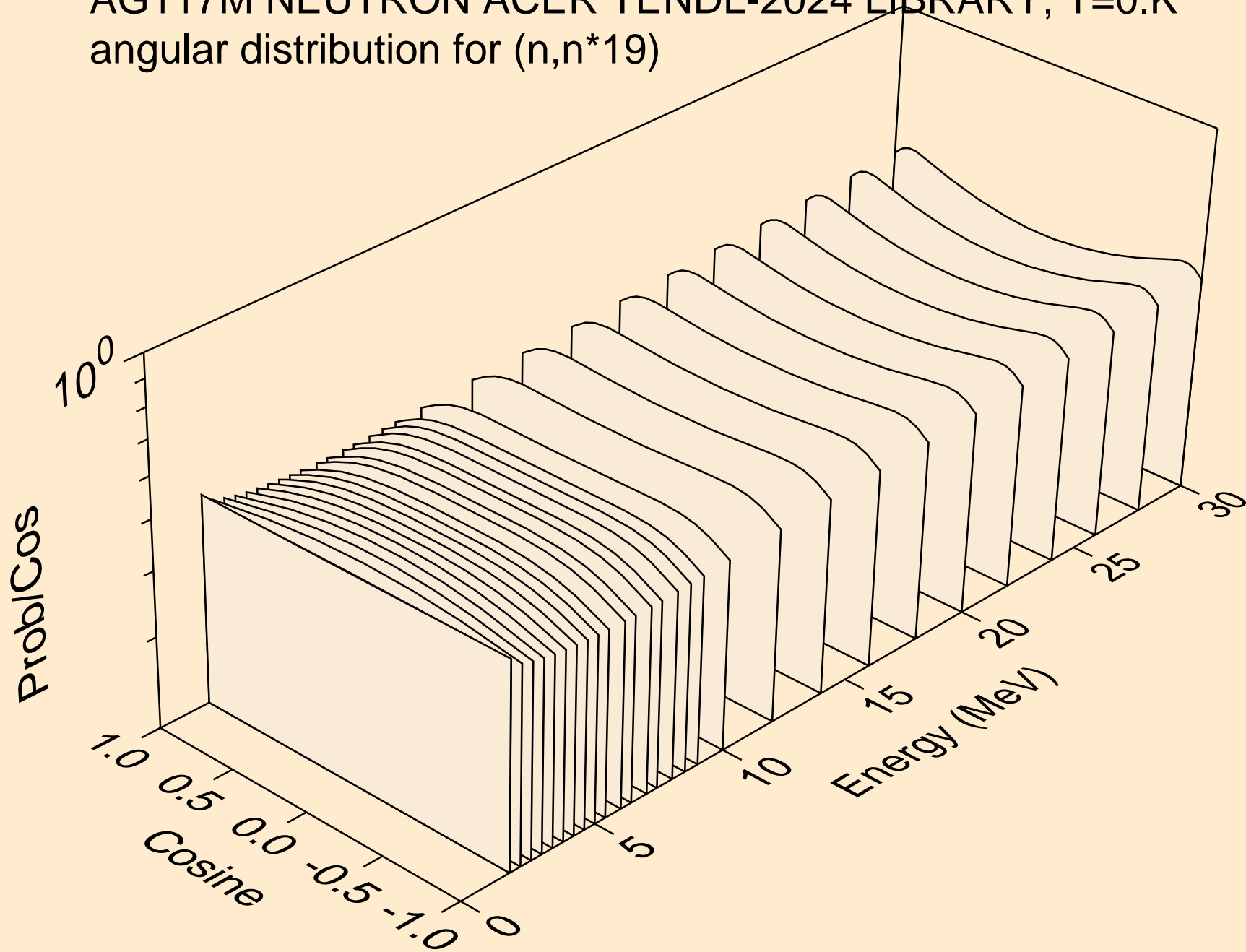
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angular distribution for (n,n\*17)



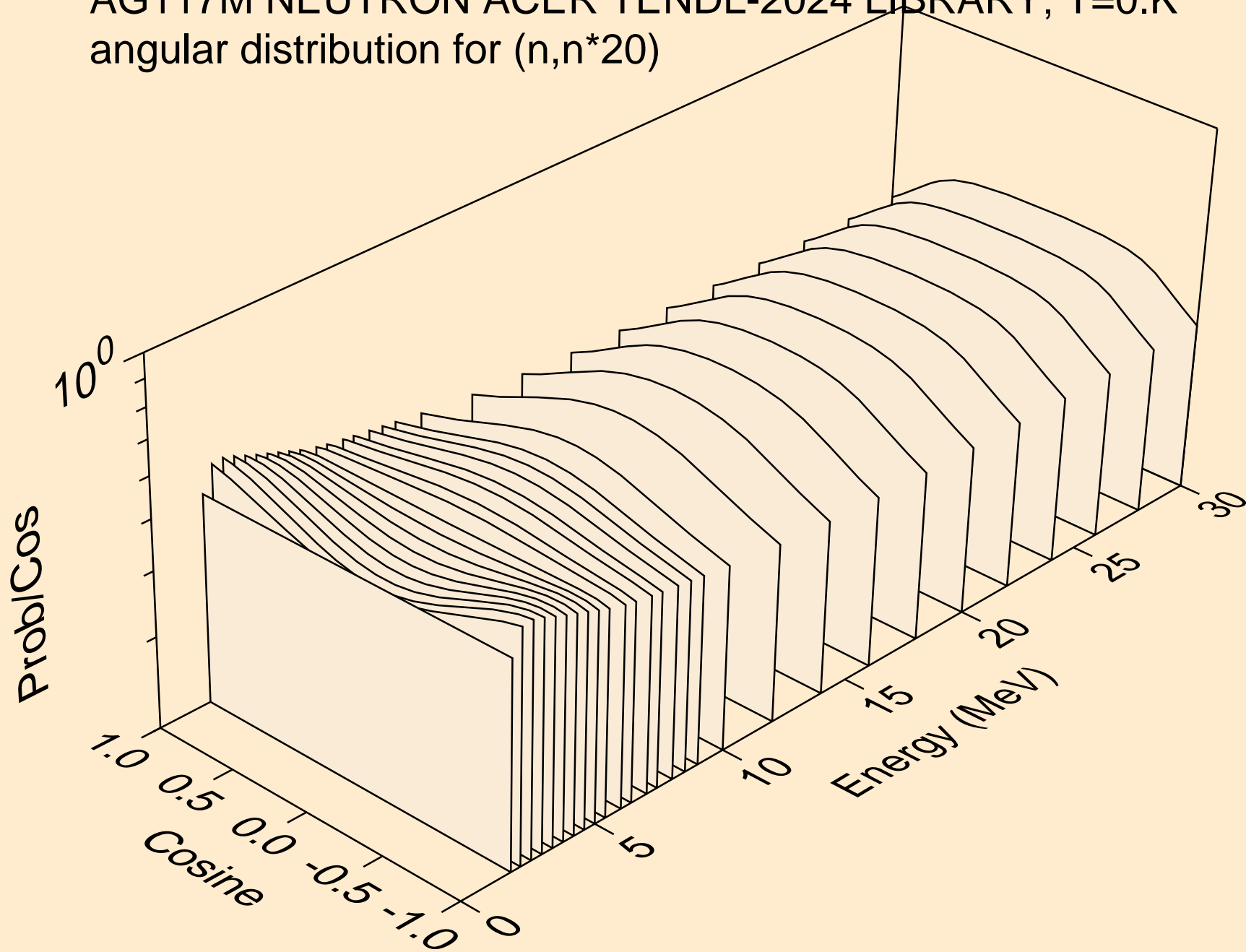
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angular distribution for (n,n\*18)



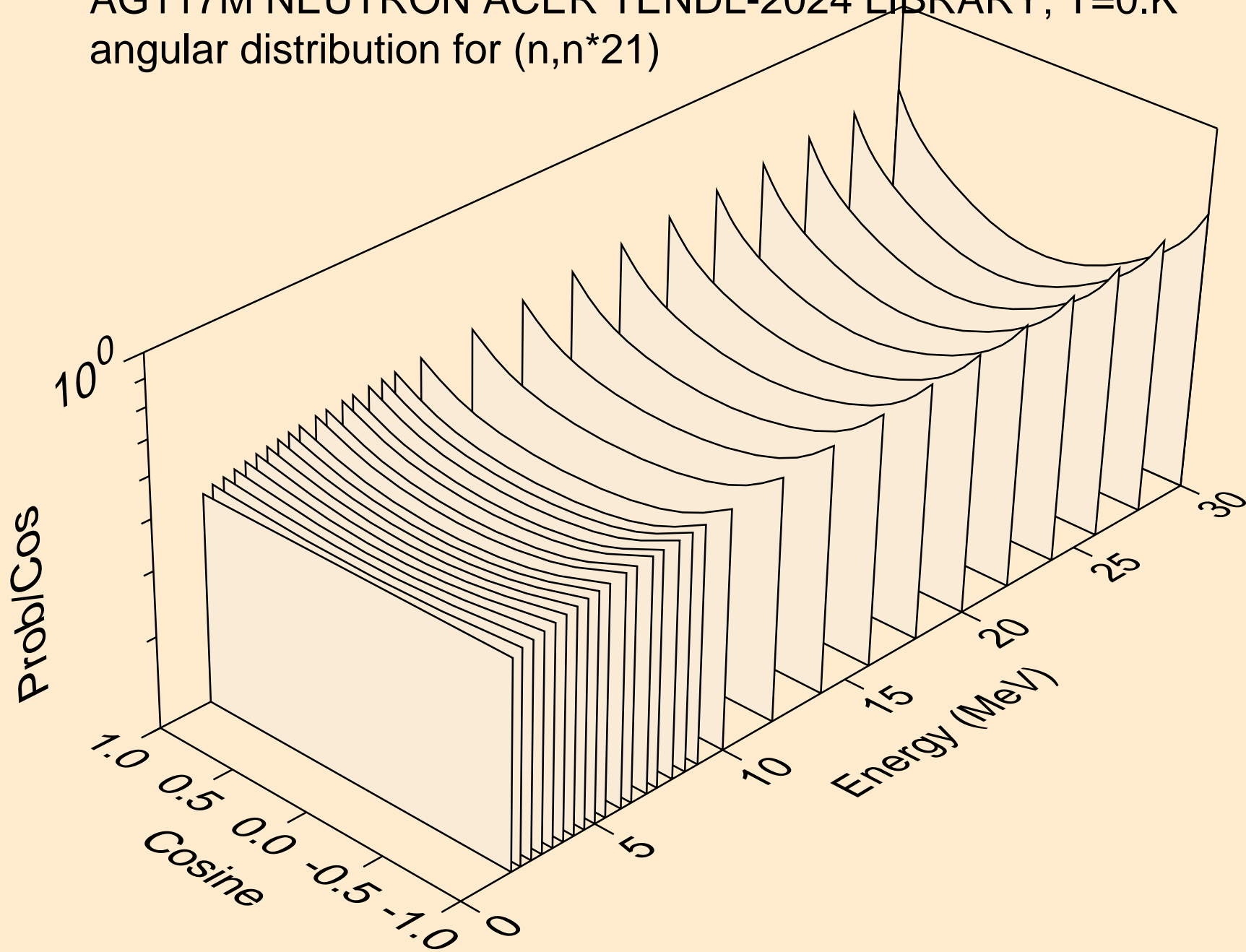
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

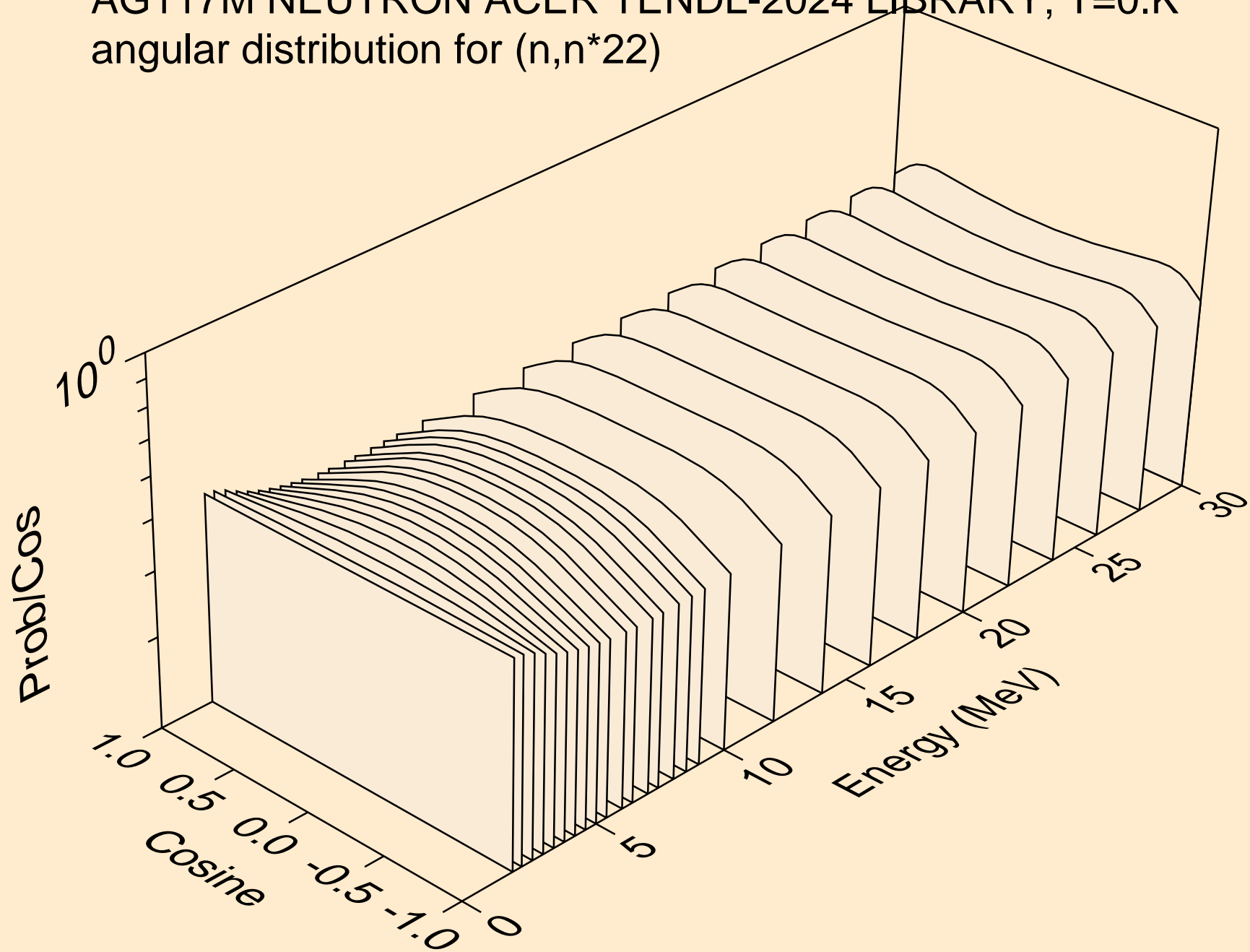


AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

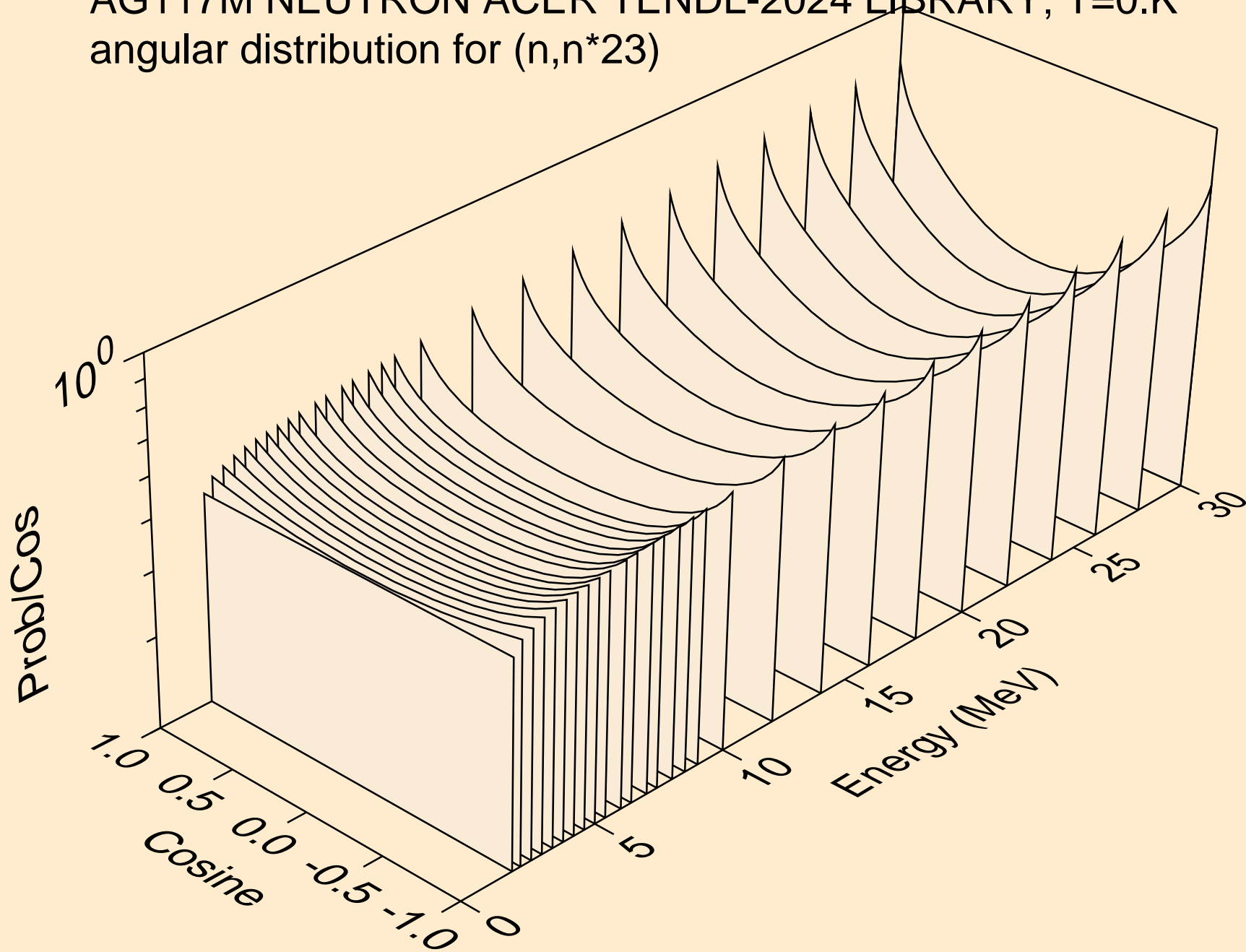




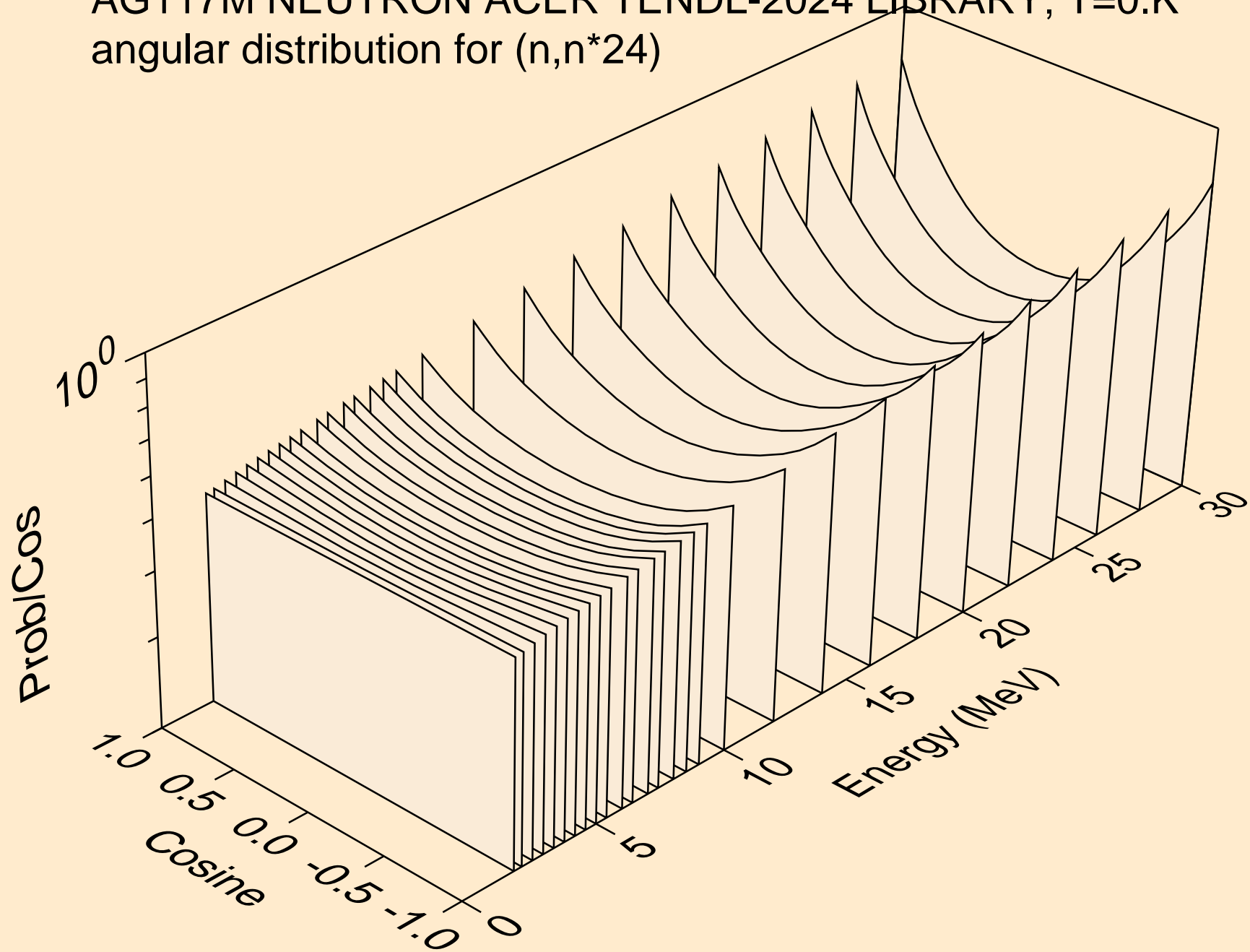
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angular distribution for (n,n\*22)



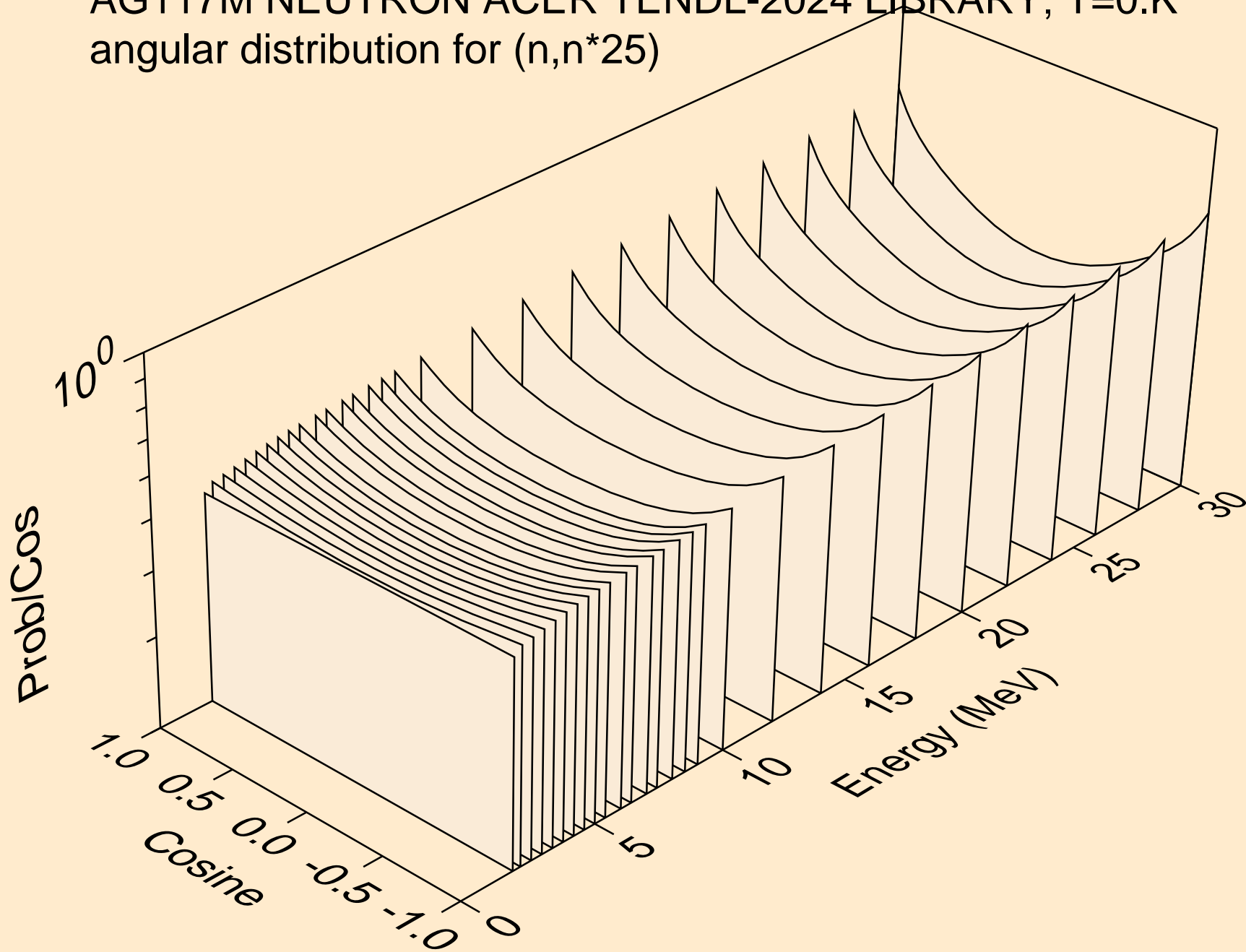
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angular distribution for (n,n\*23)



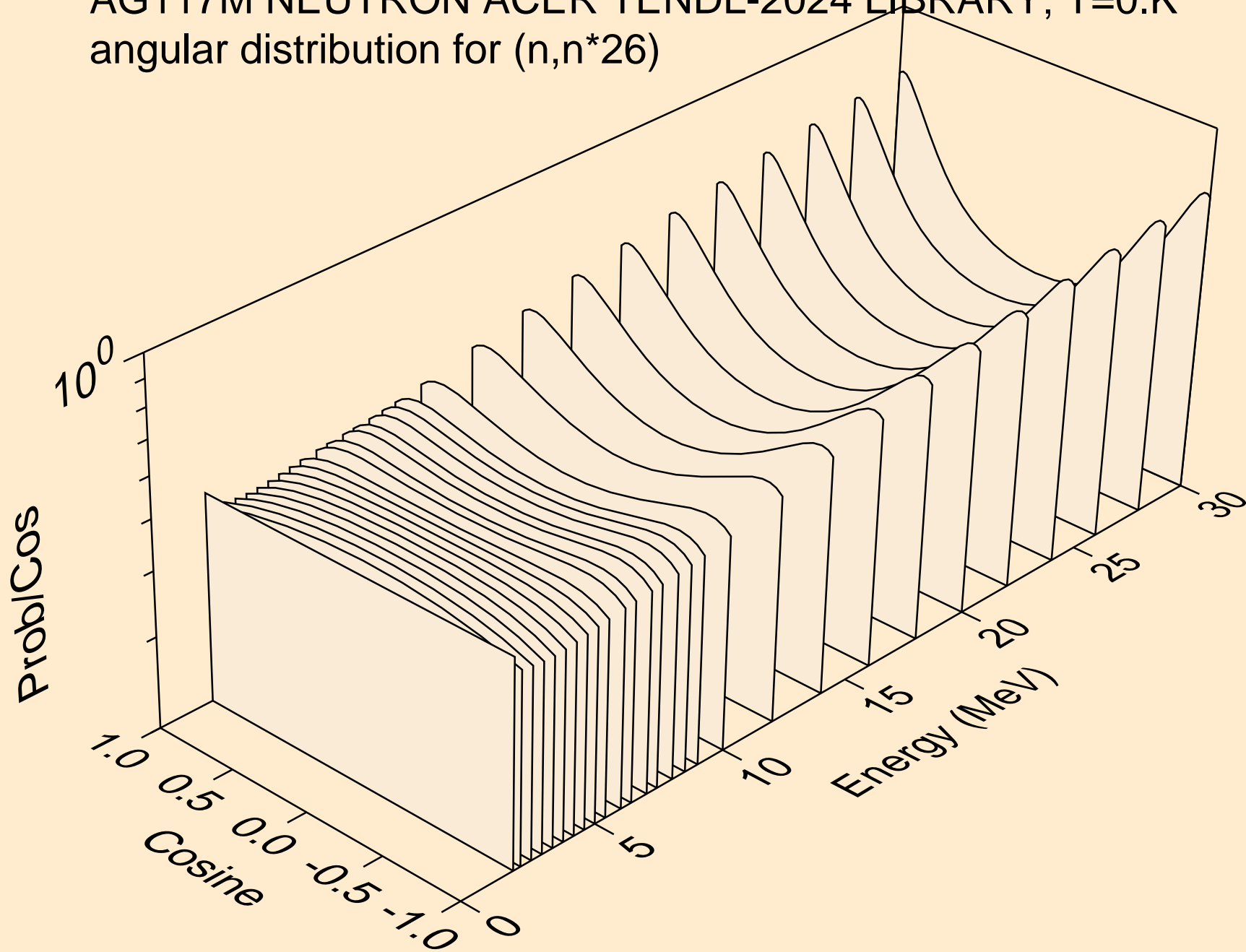
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angular distribution for (n,n\*24)



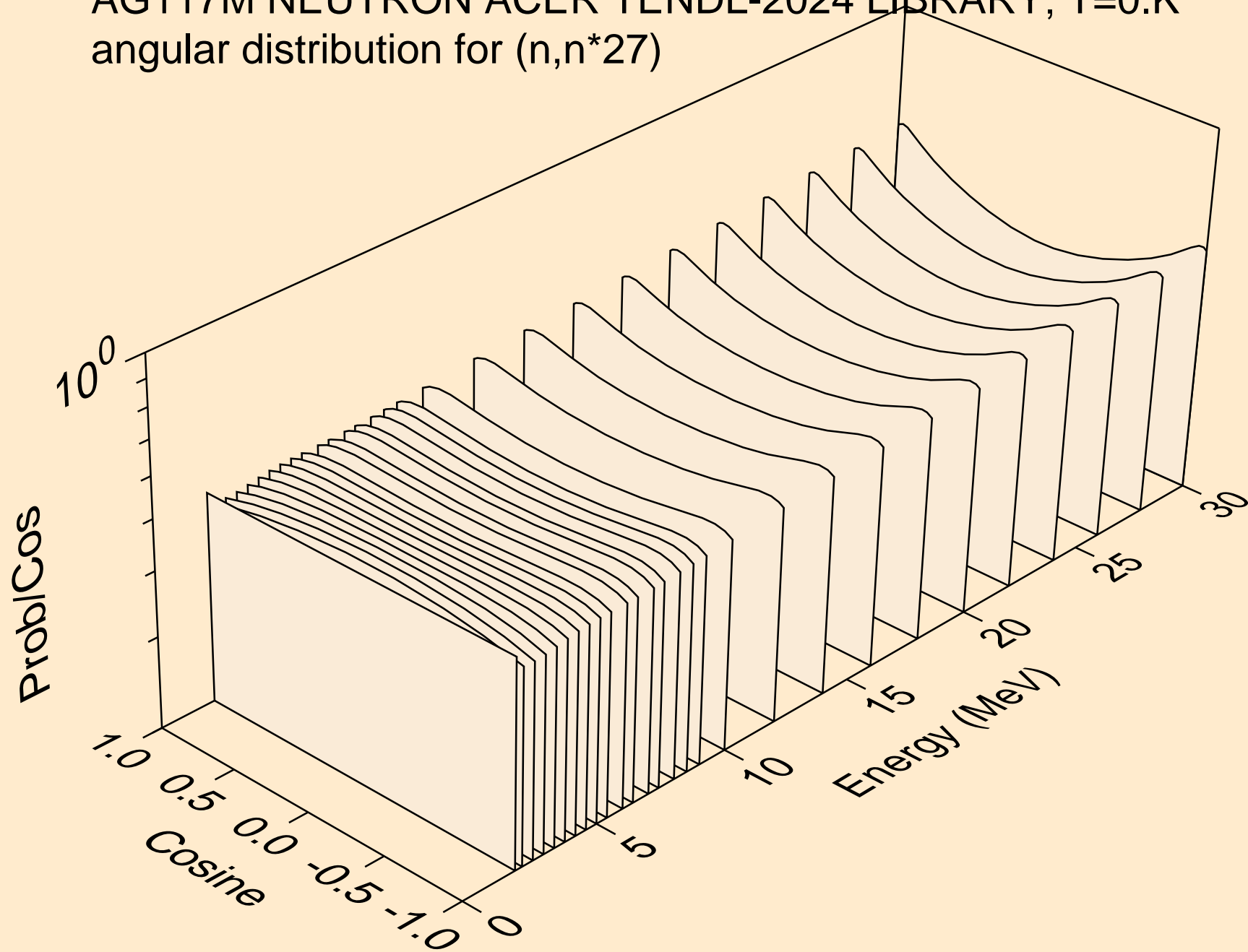
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angular distribution for (n,n\*25)



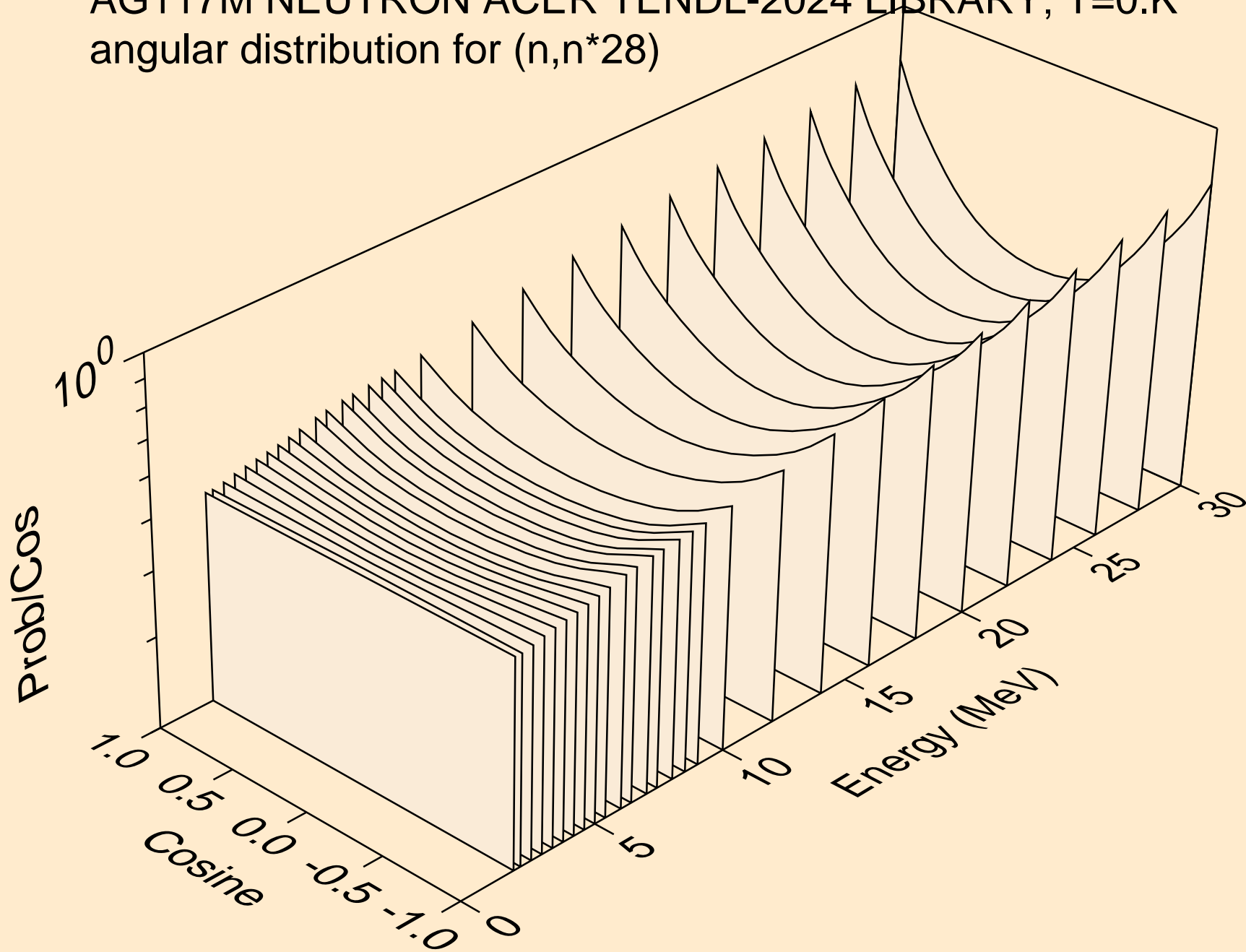
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angular distribution for (n,n\*26)



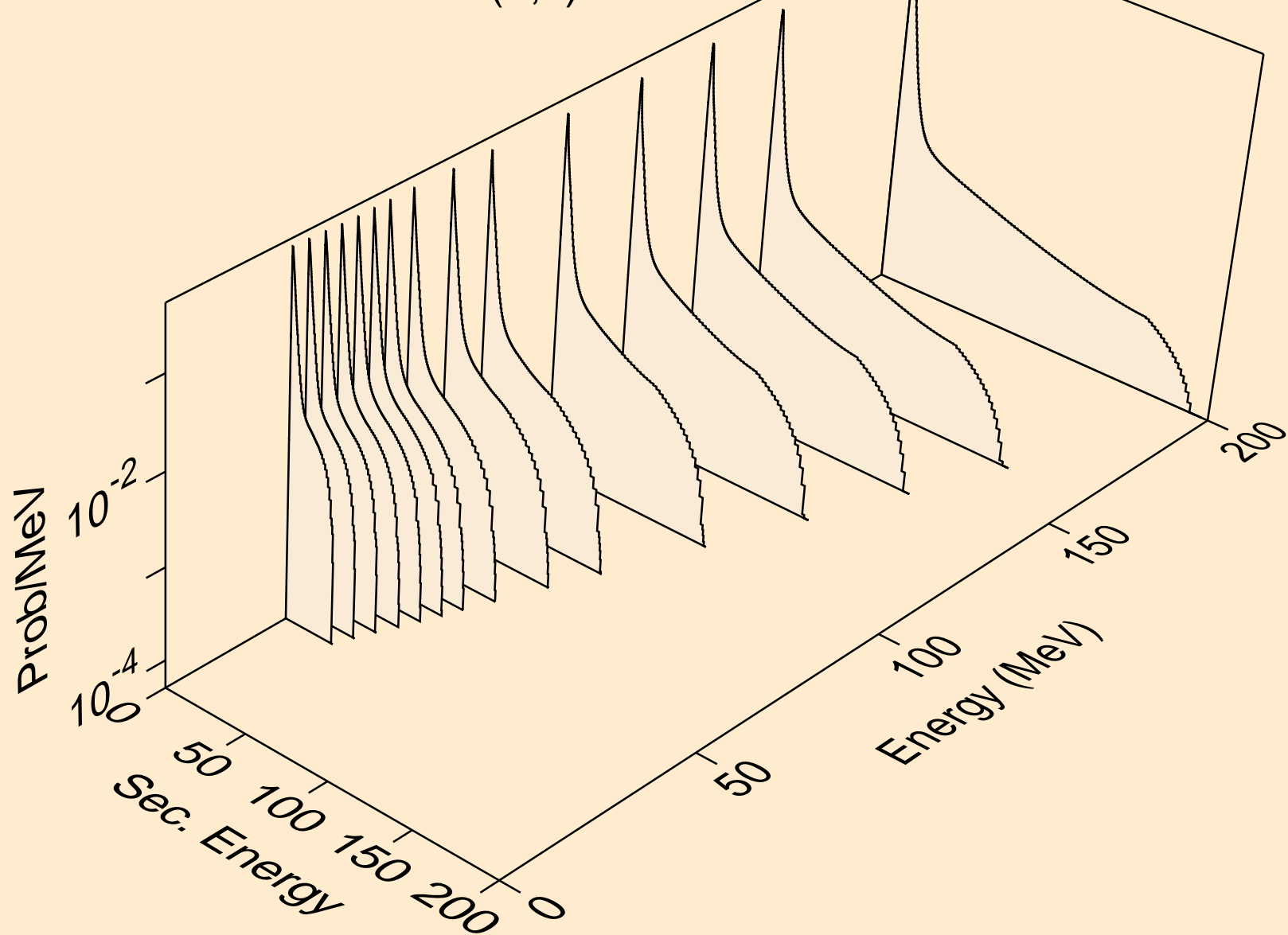
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

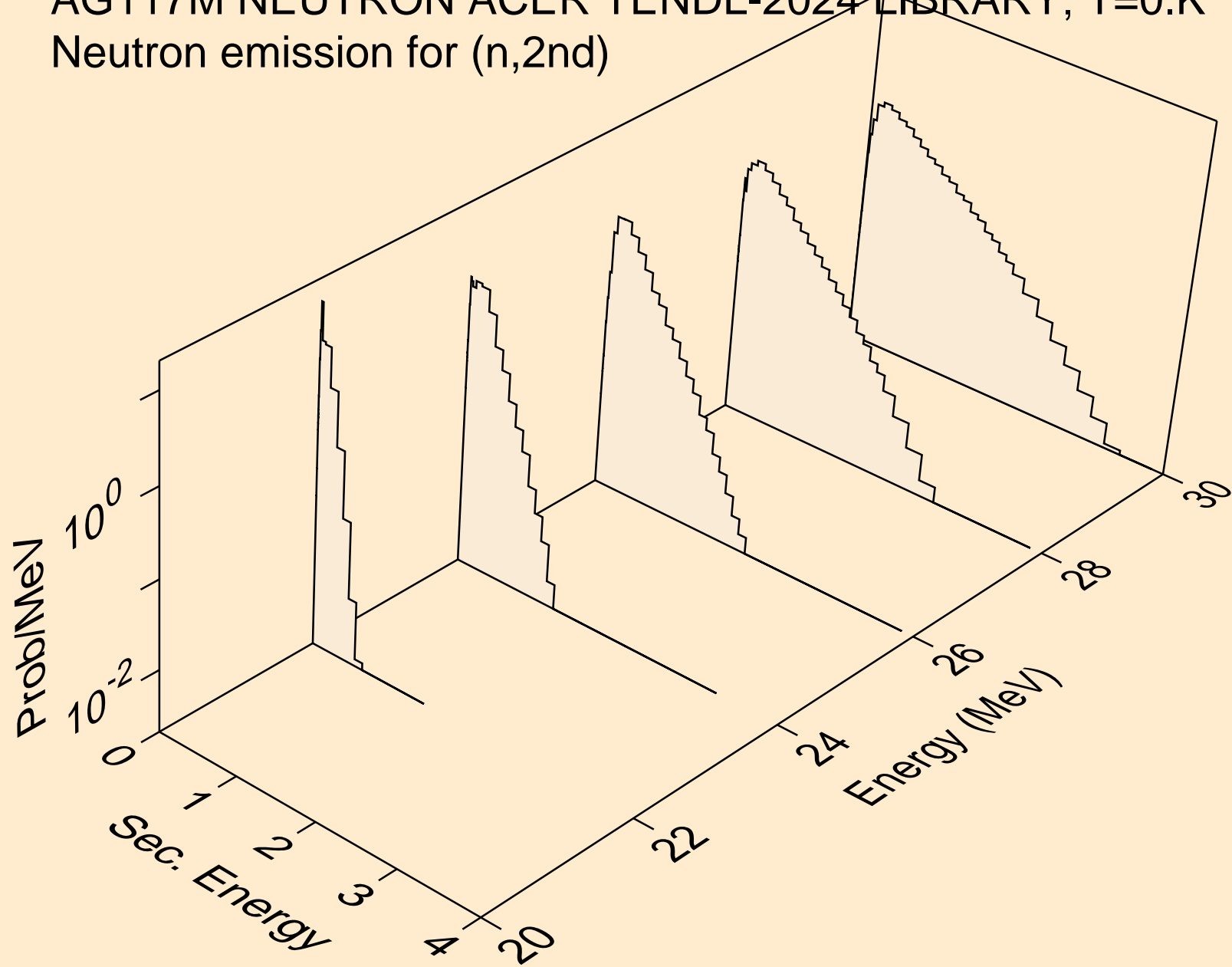


AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

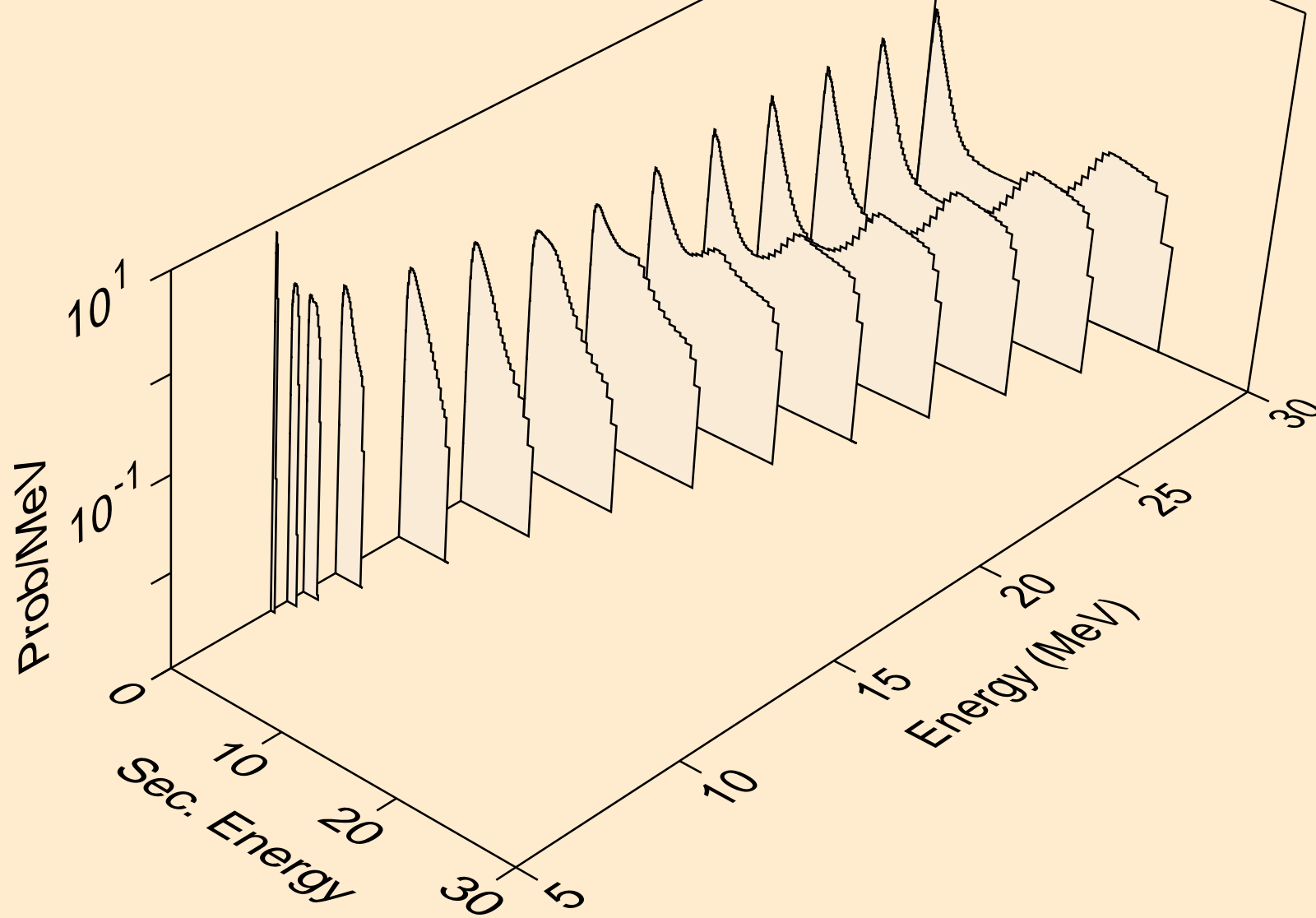




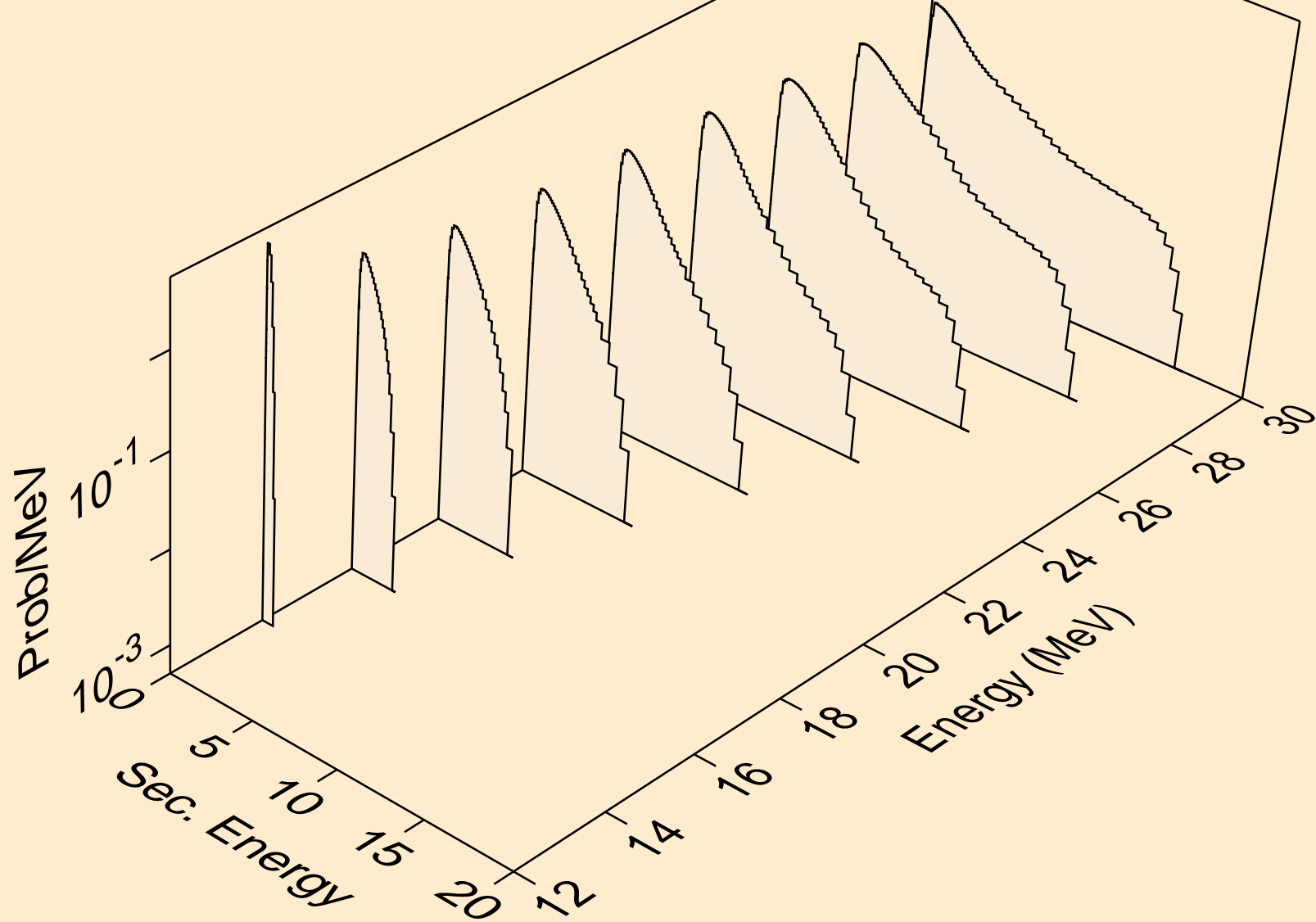
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



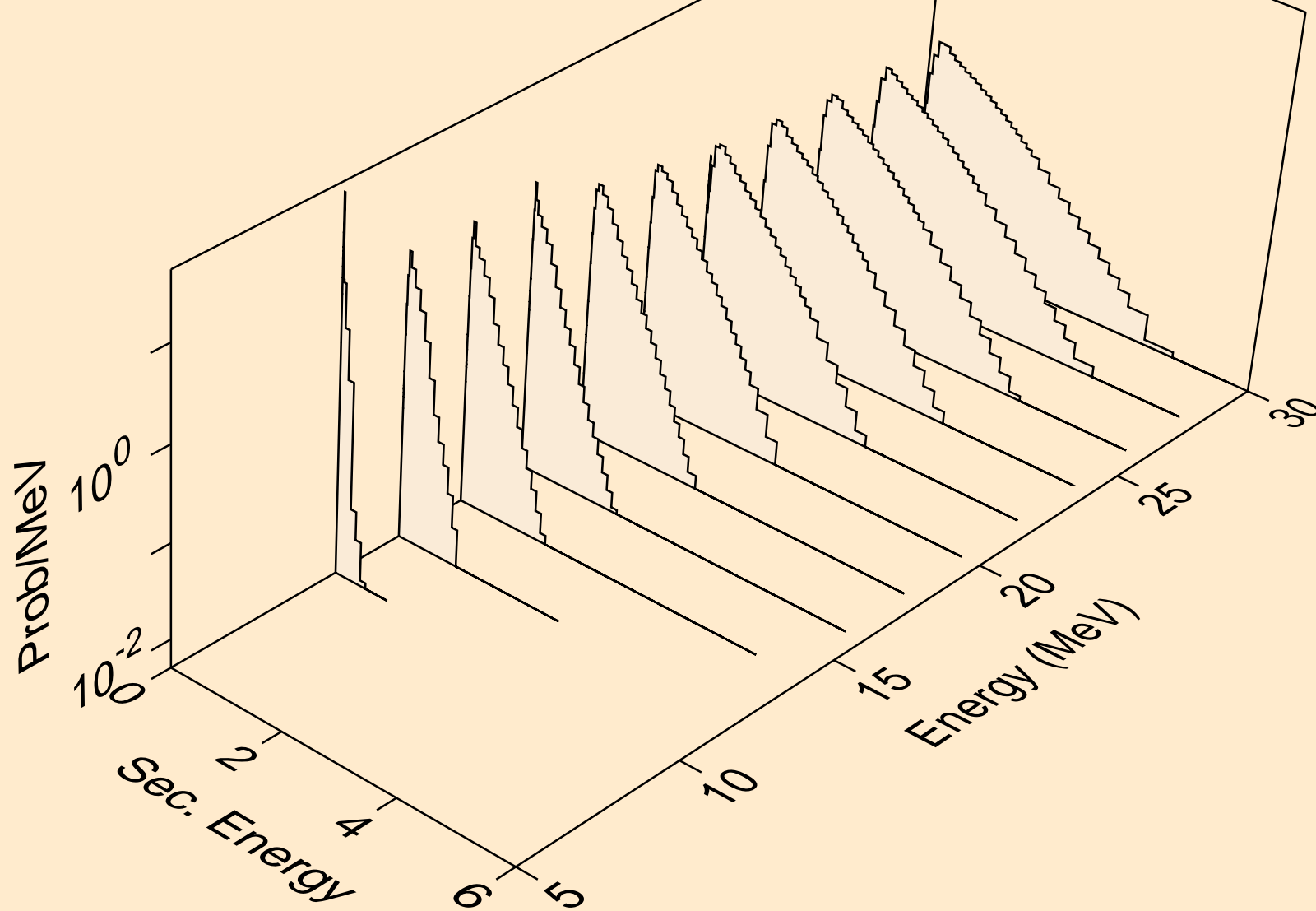
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Neutron emission for (n,2n)



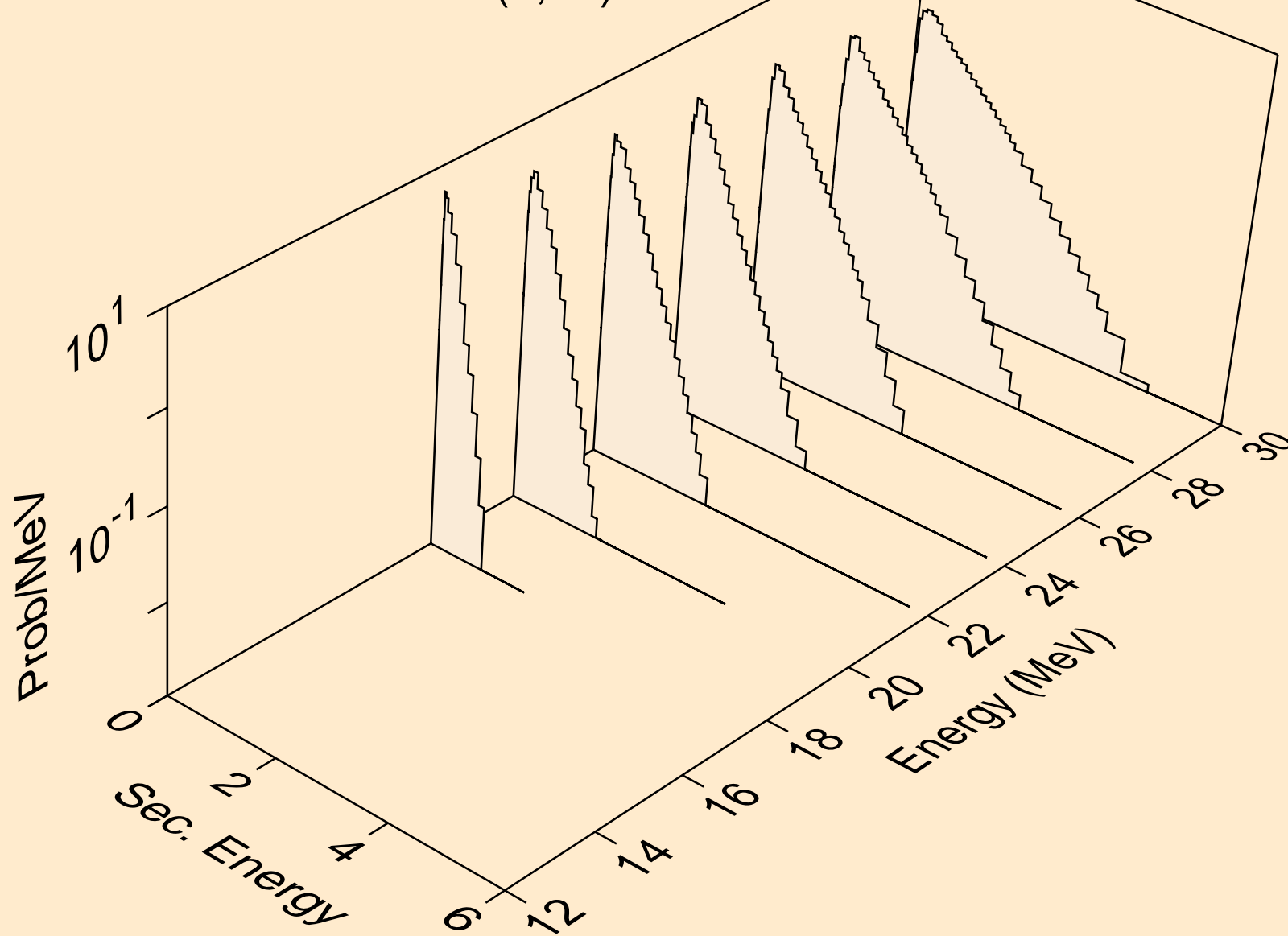
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



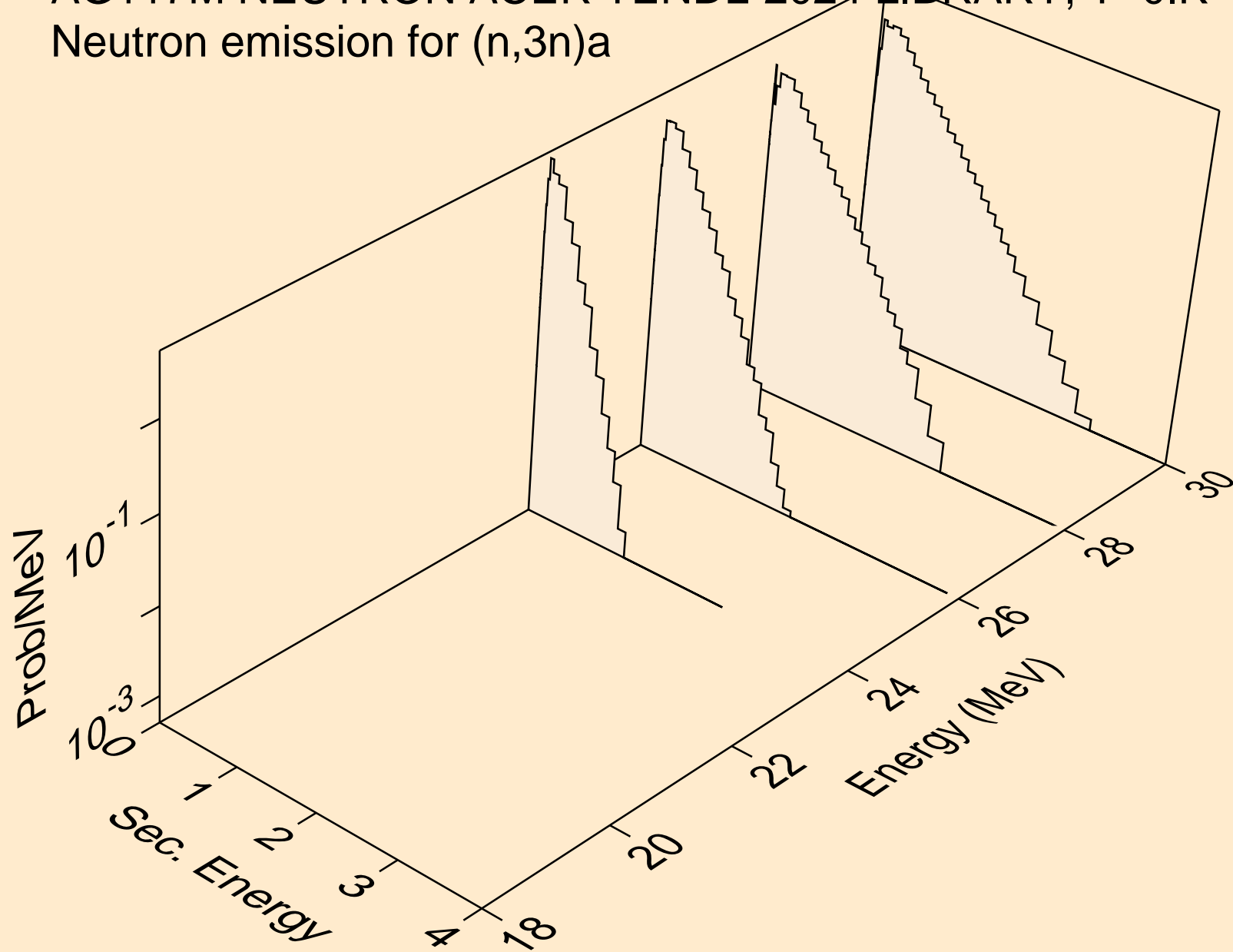
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



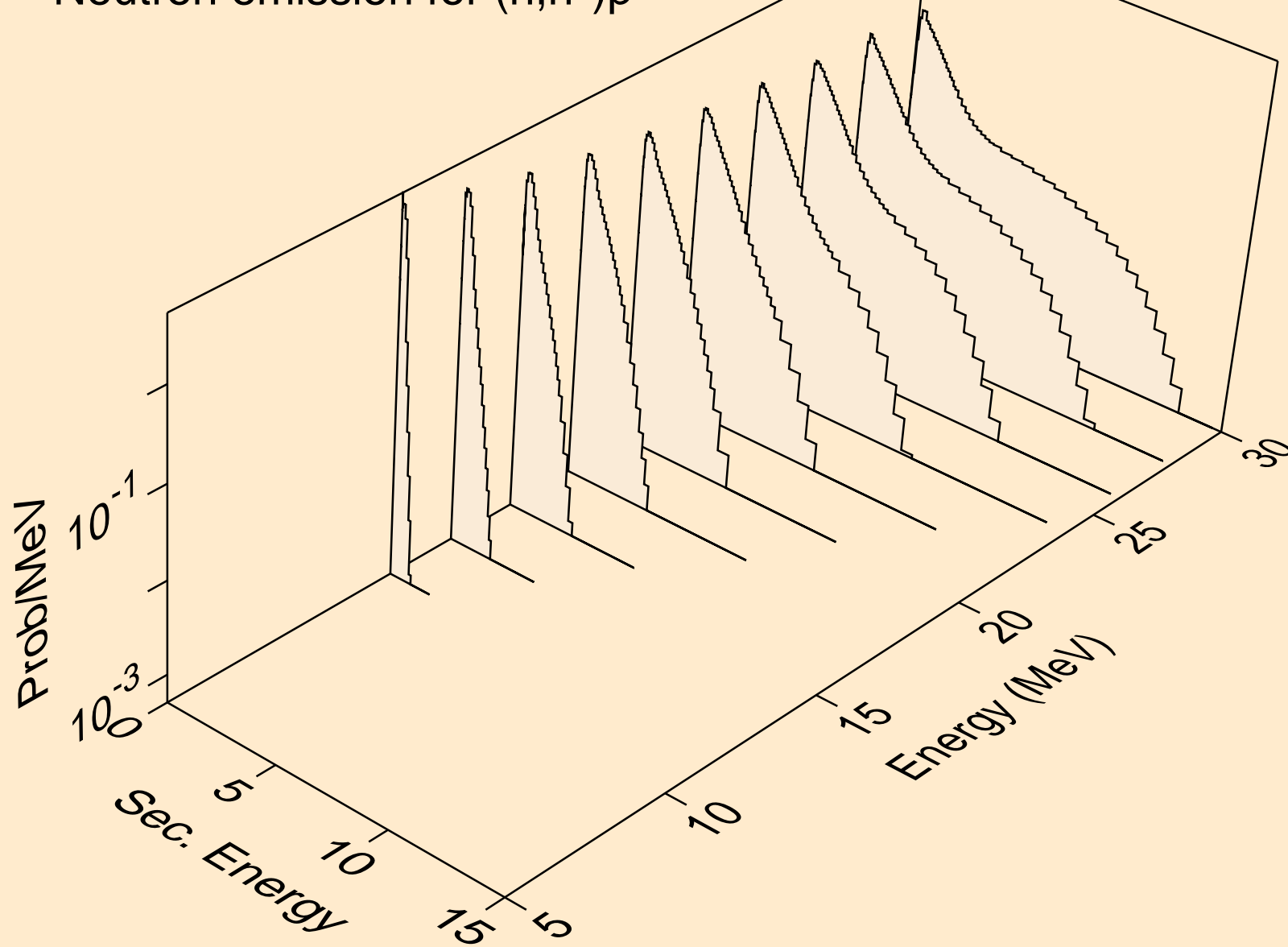
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Neutron emission for (n,2n)a



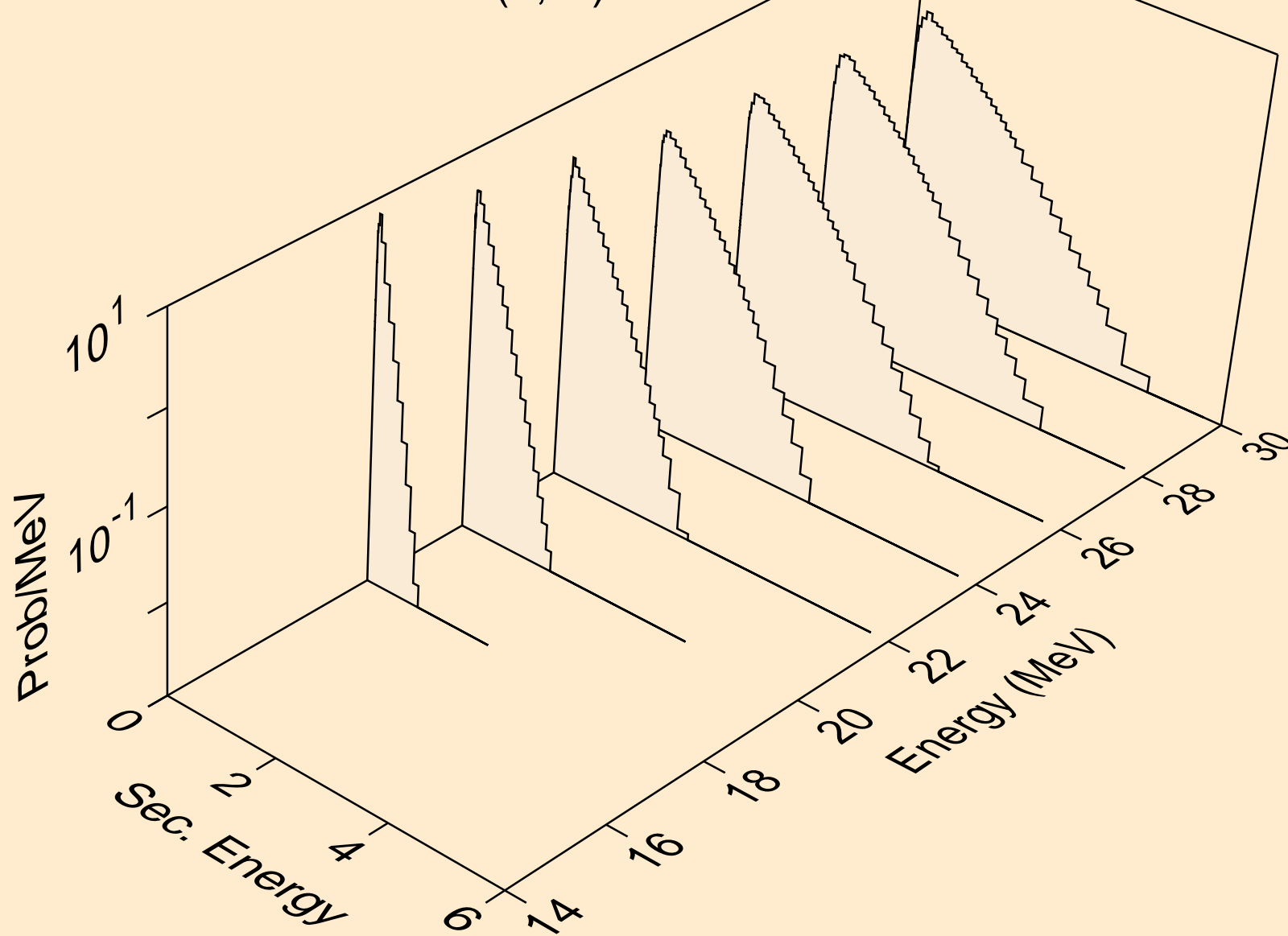
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

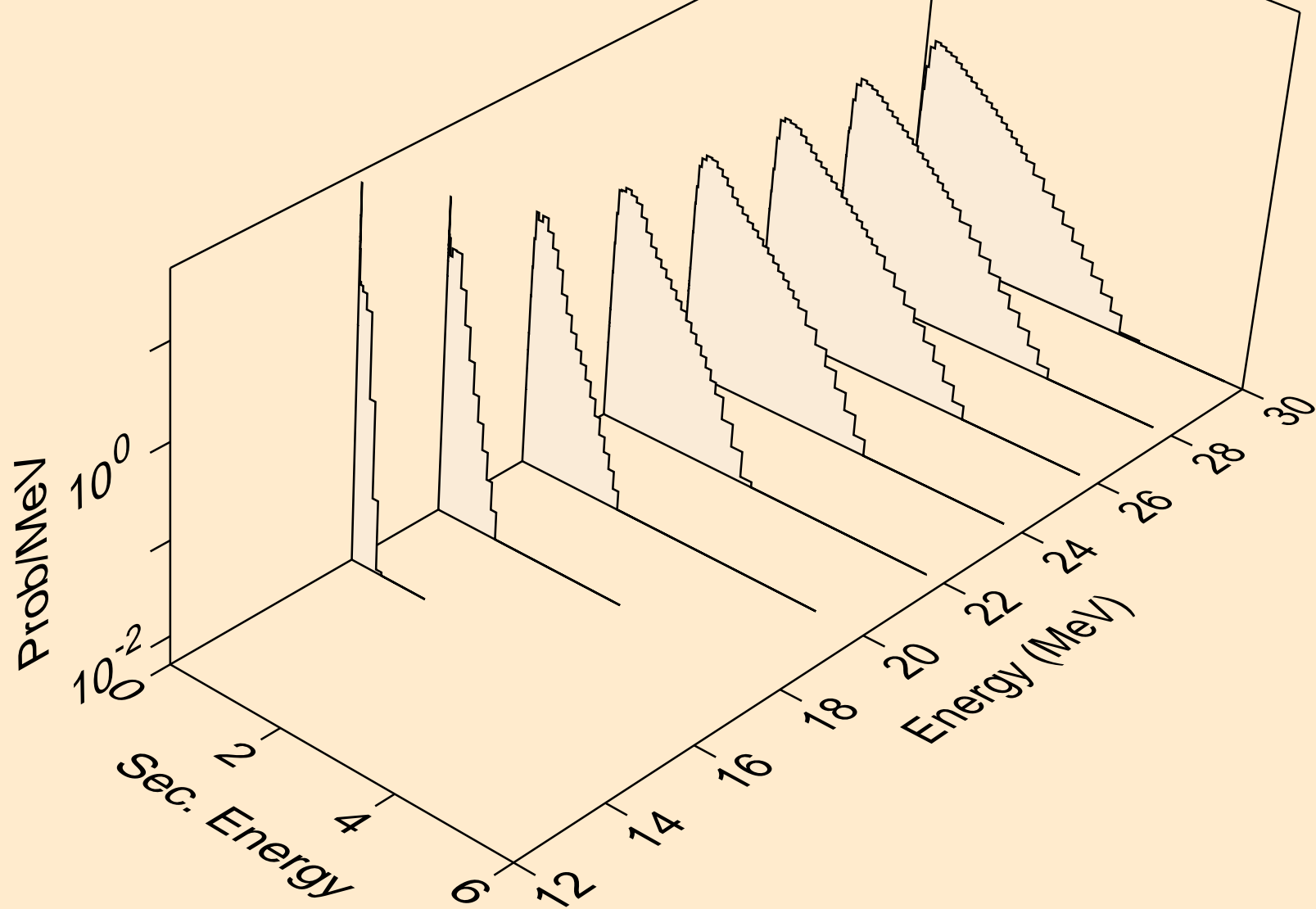


AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

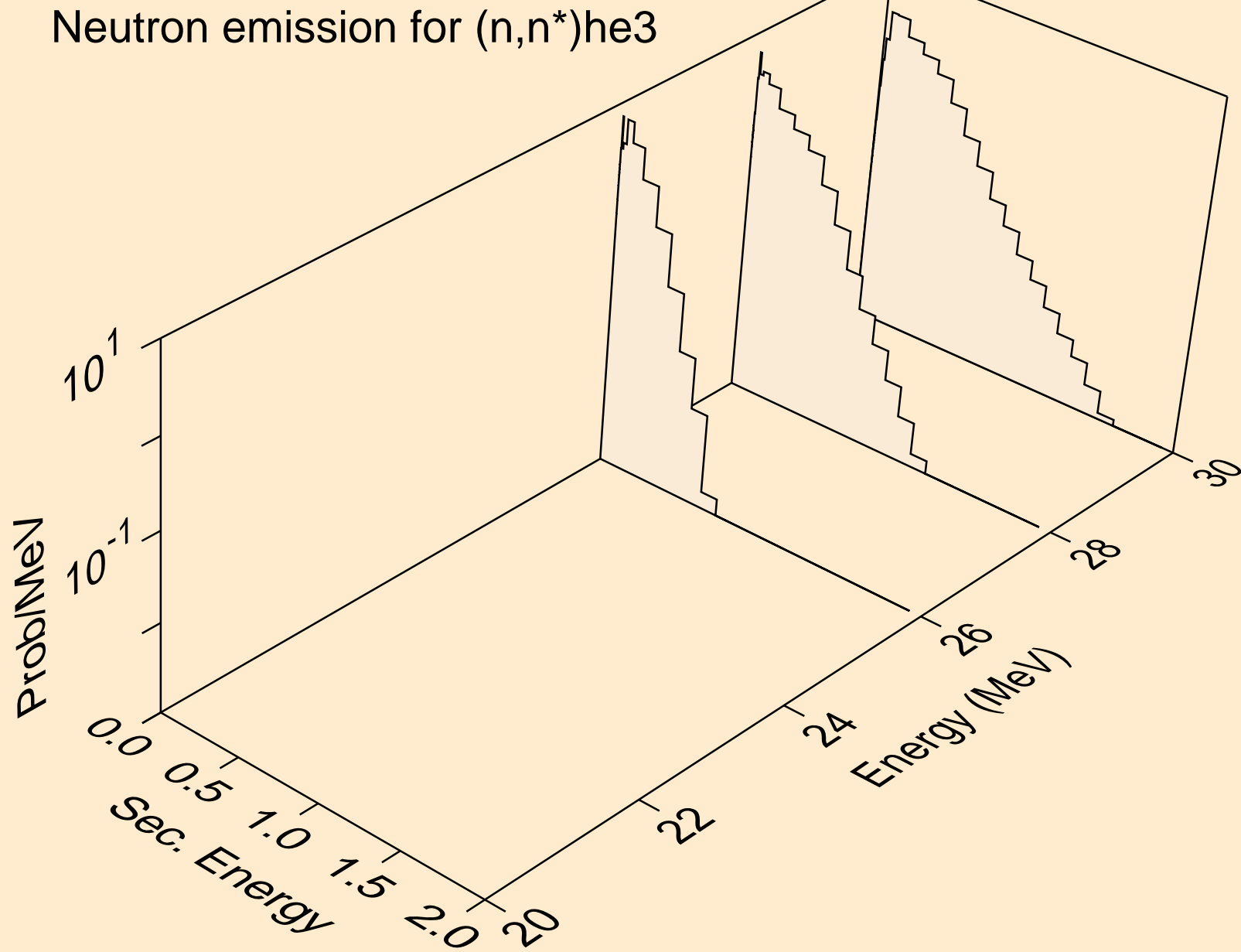




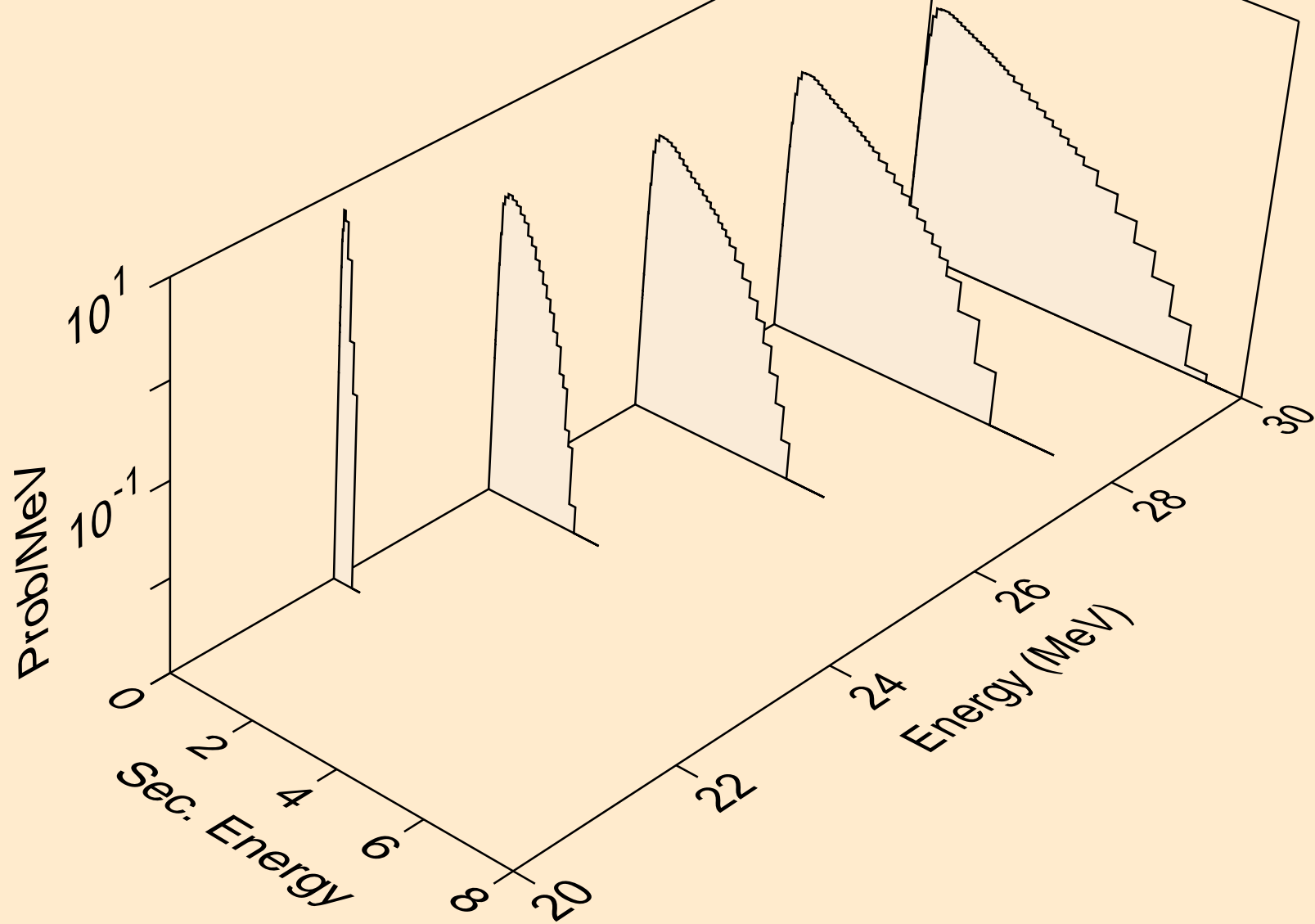
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Neutron emission for (n,n\*)t



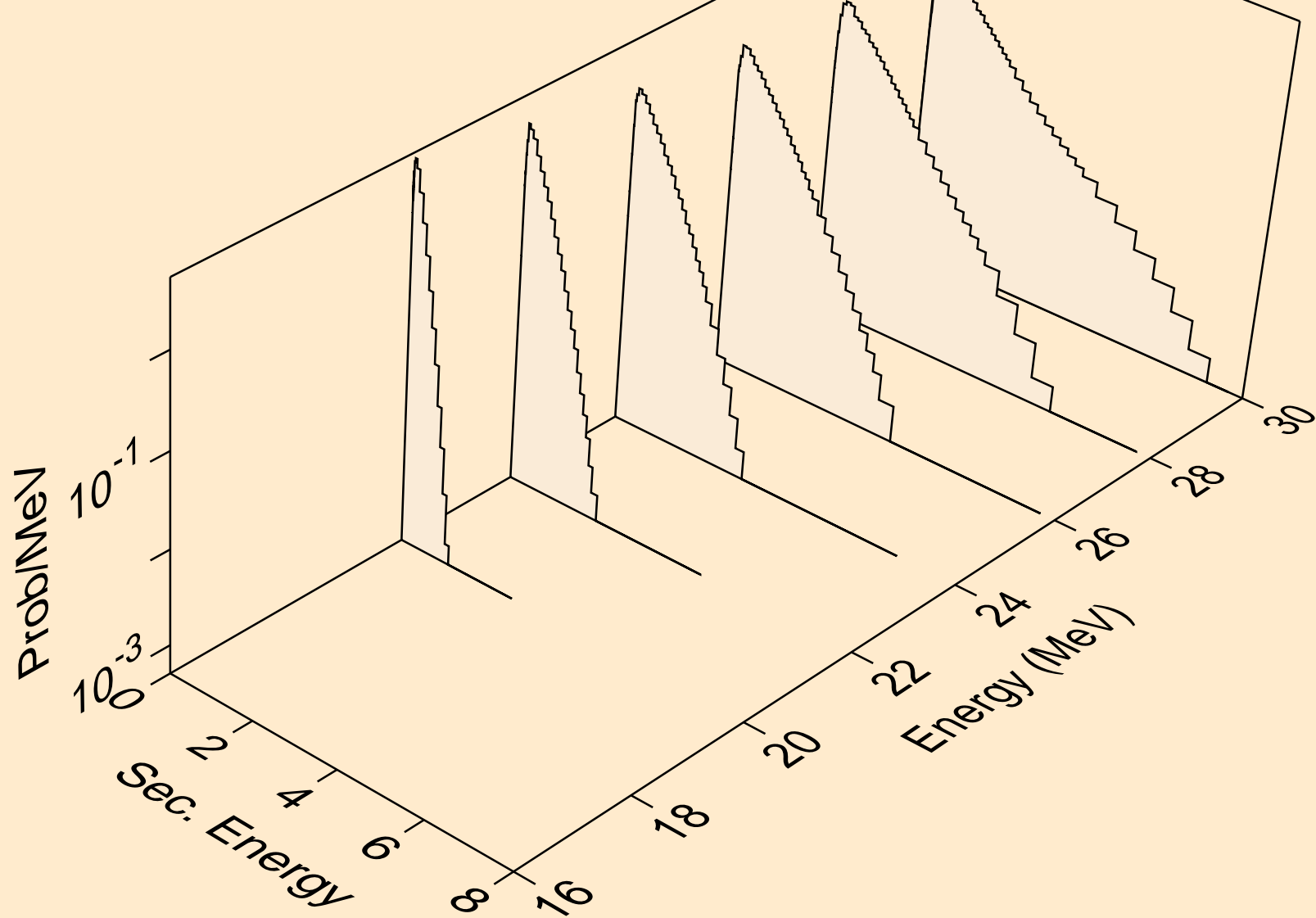
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



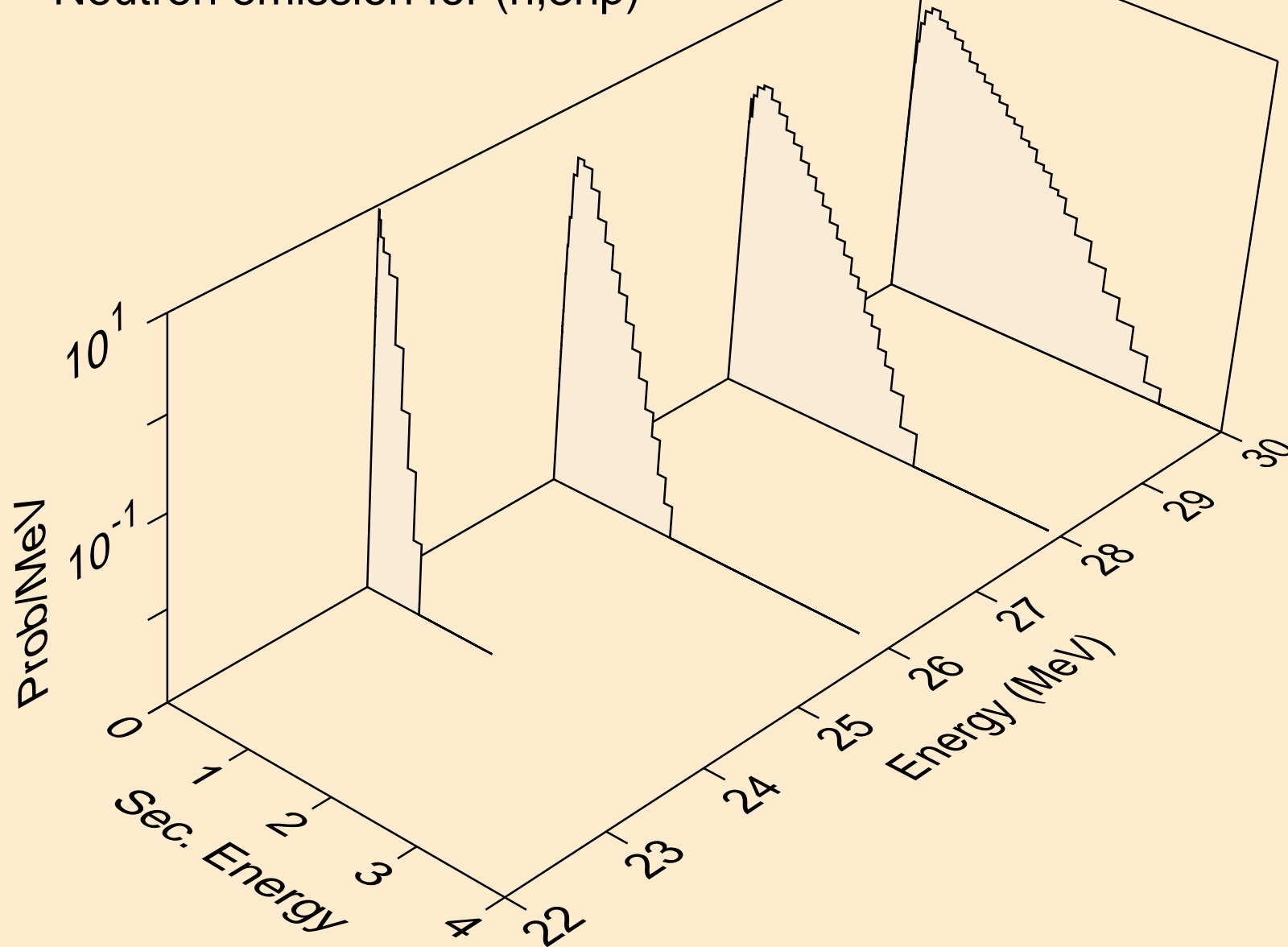
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



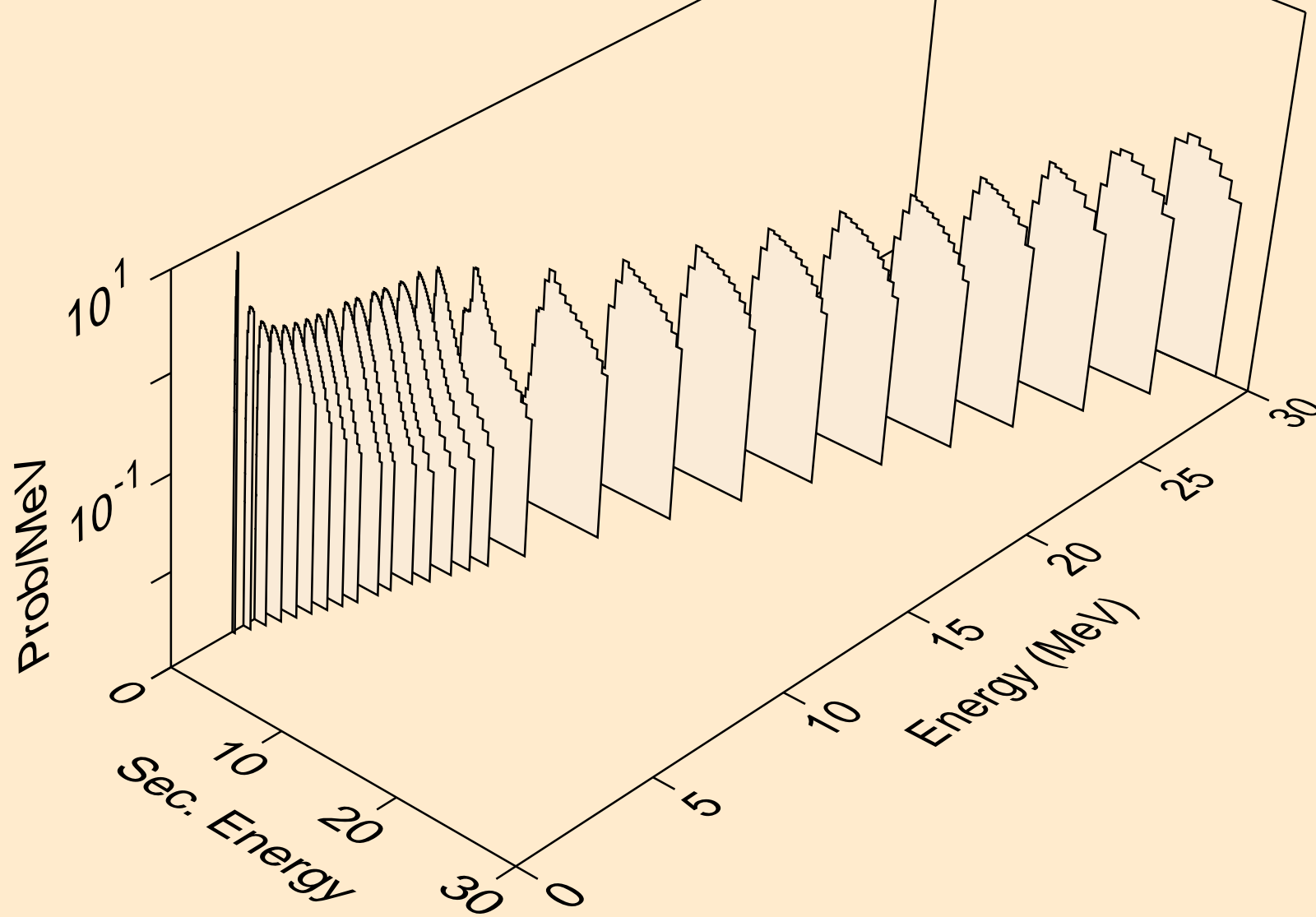
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



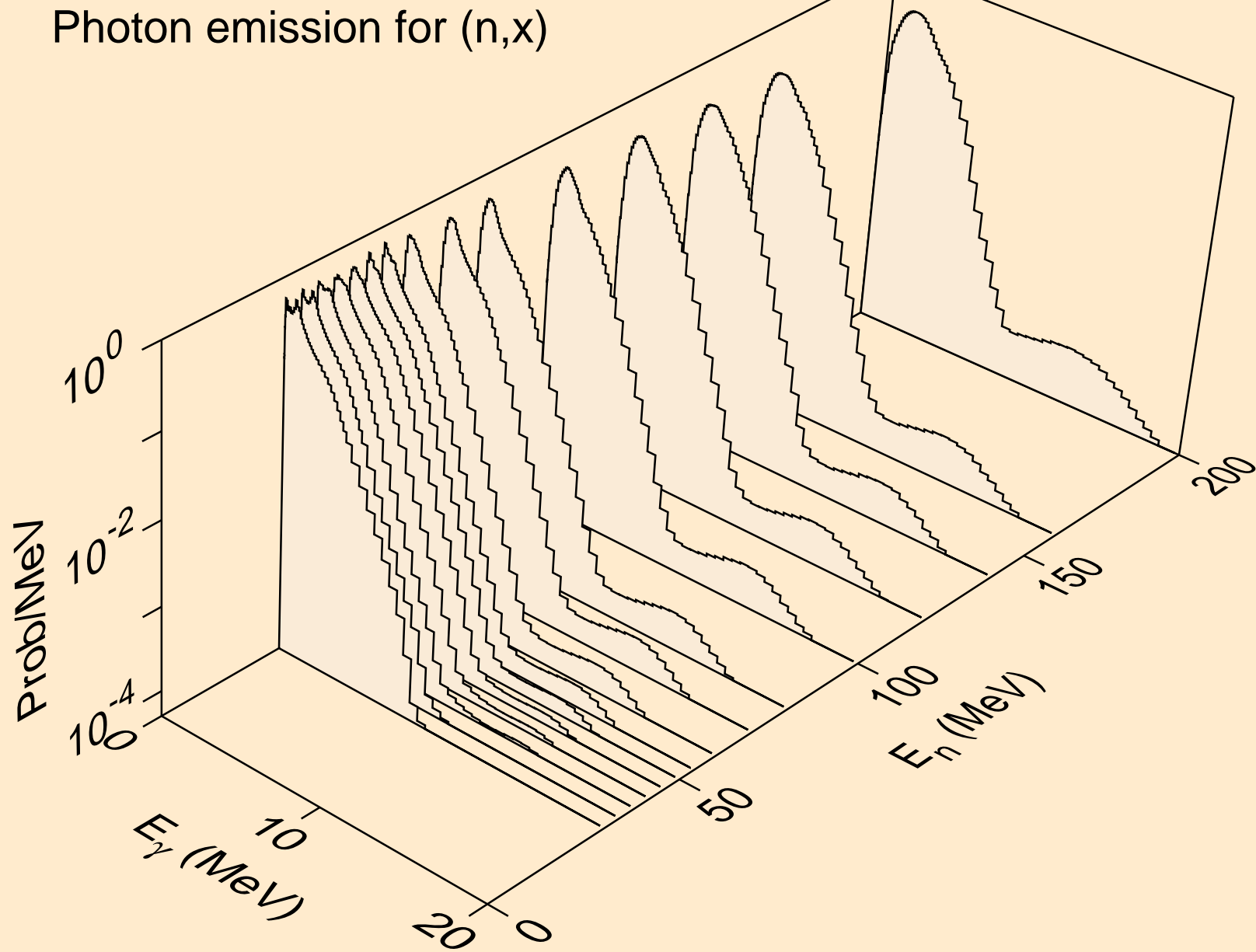
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



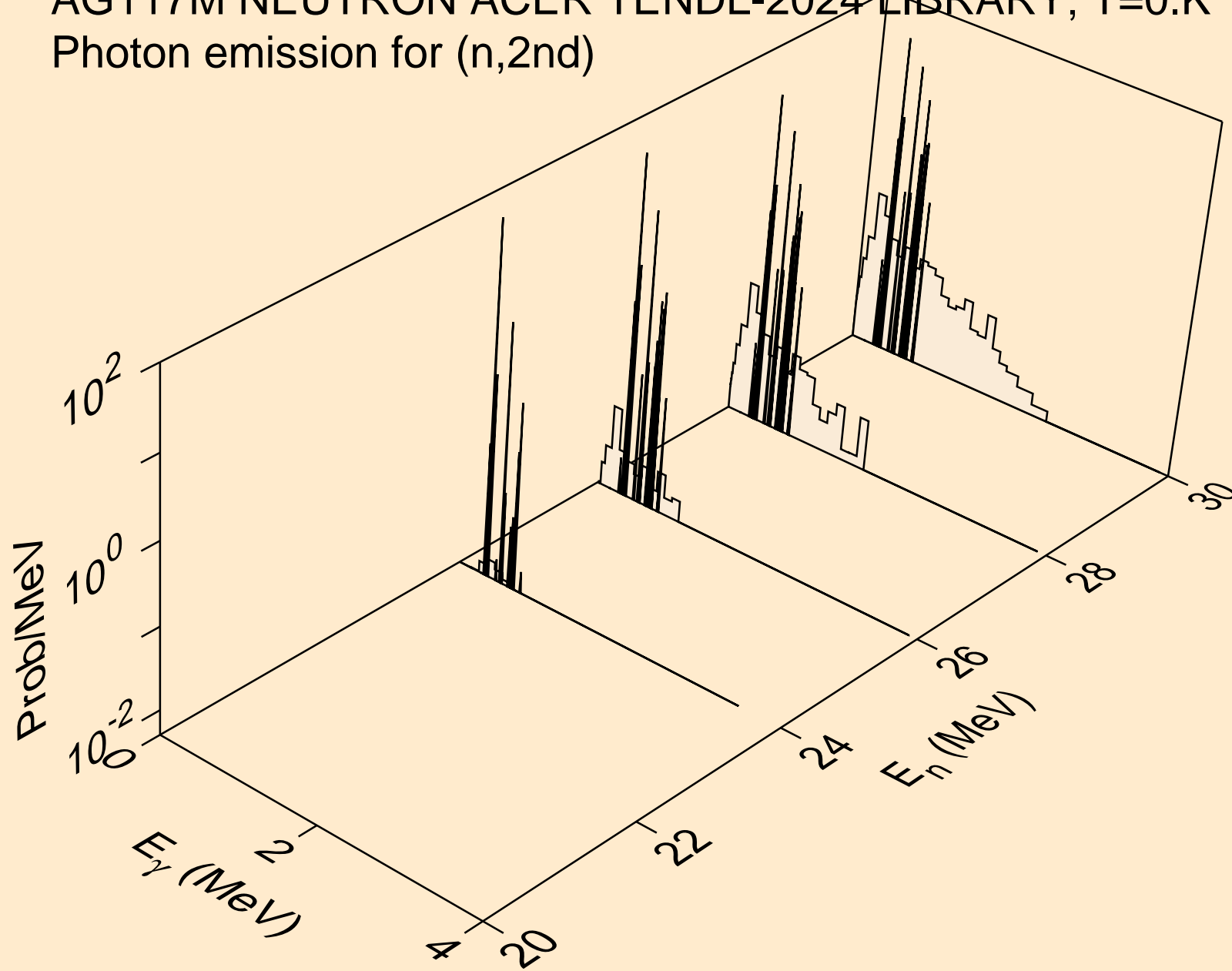
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)

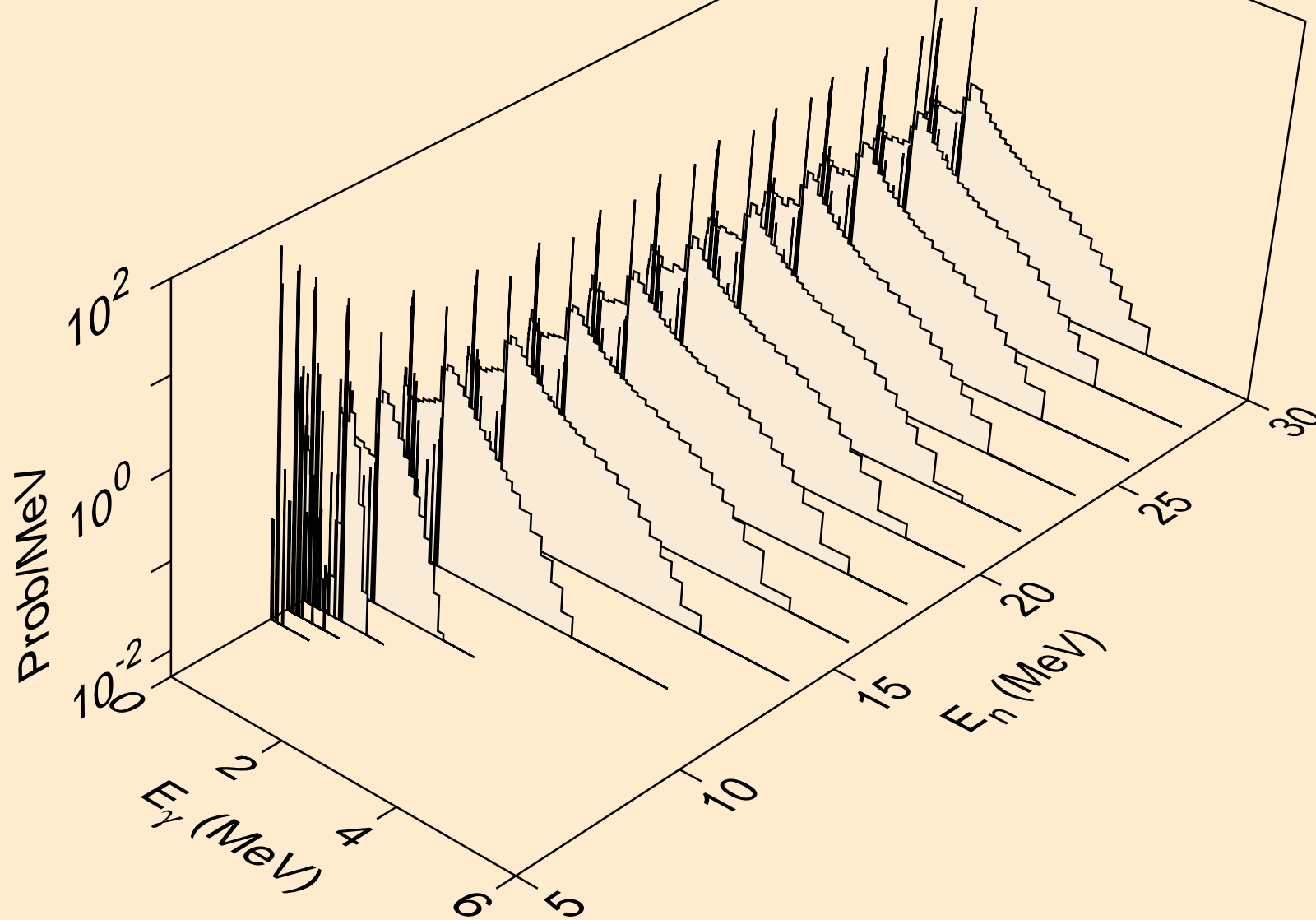


AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

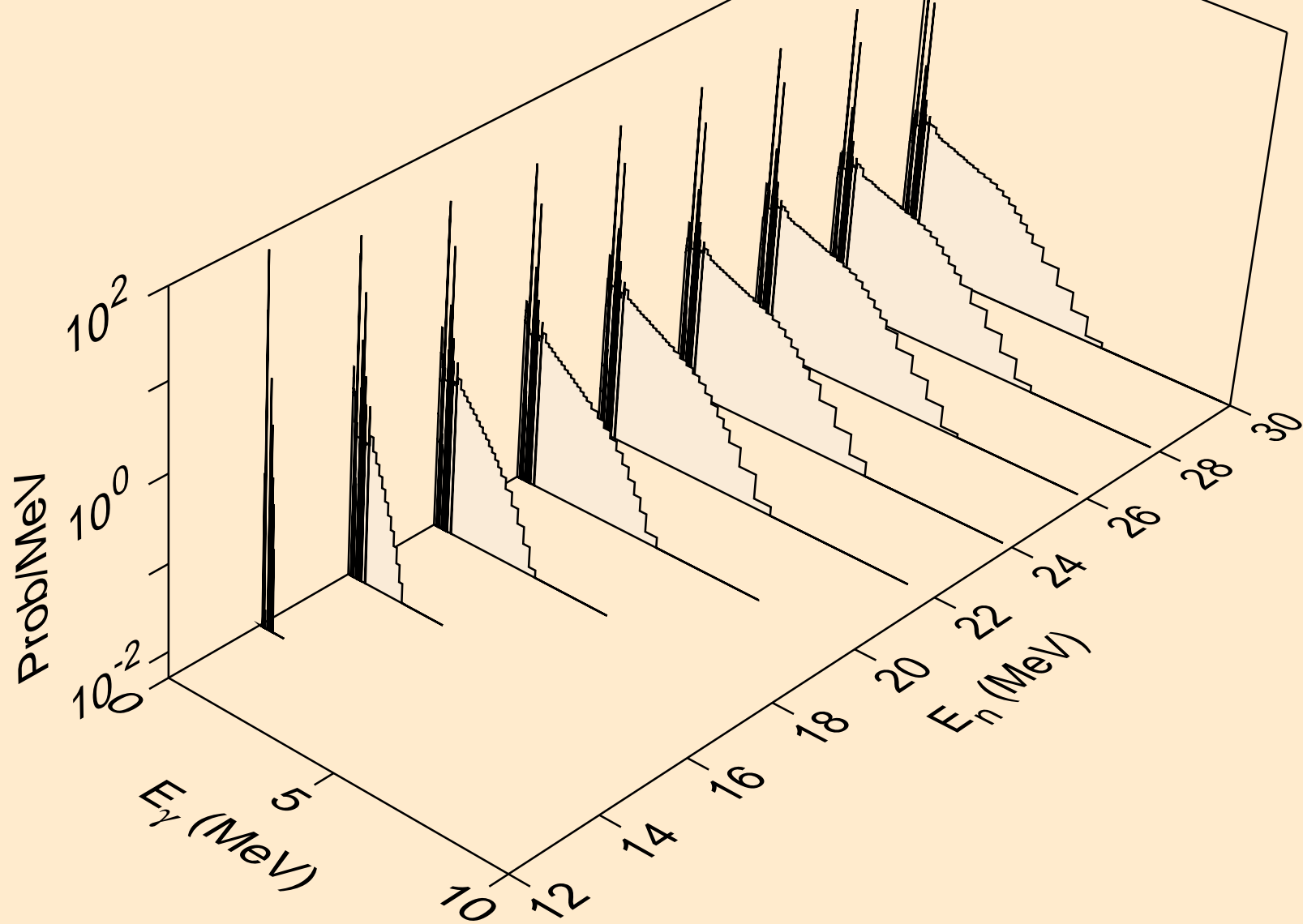




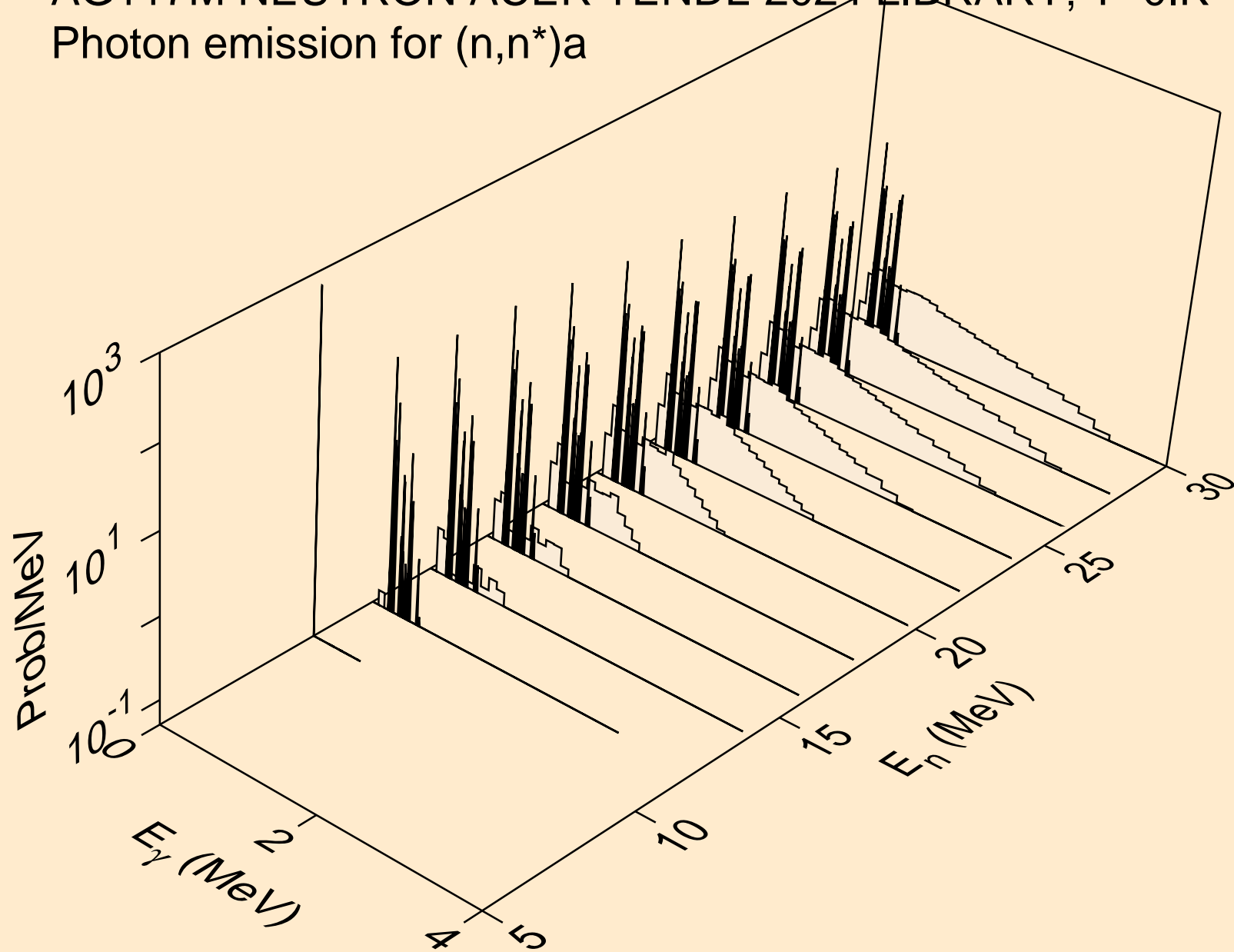
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Photon emission for (n,2n)



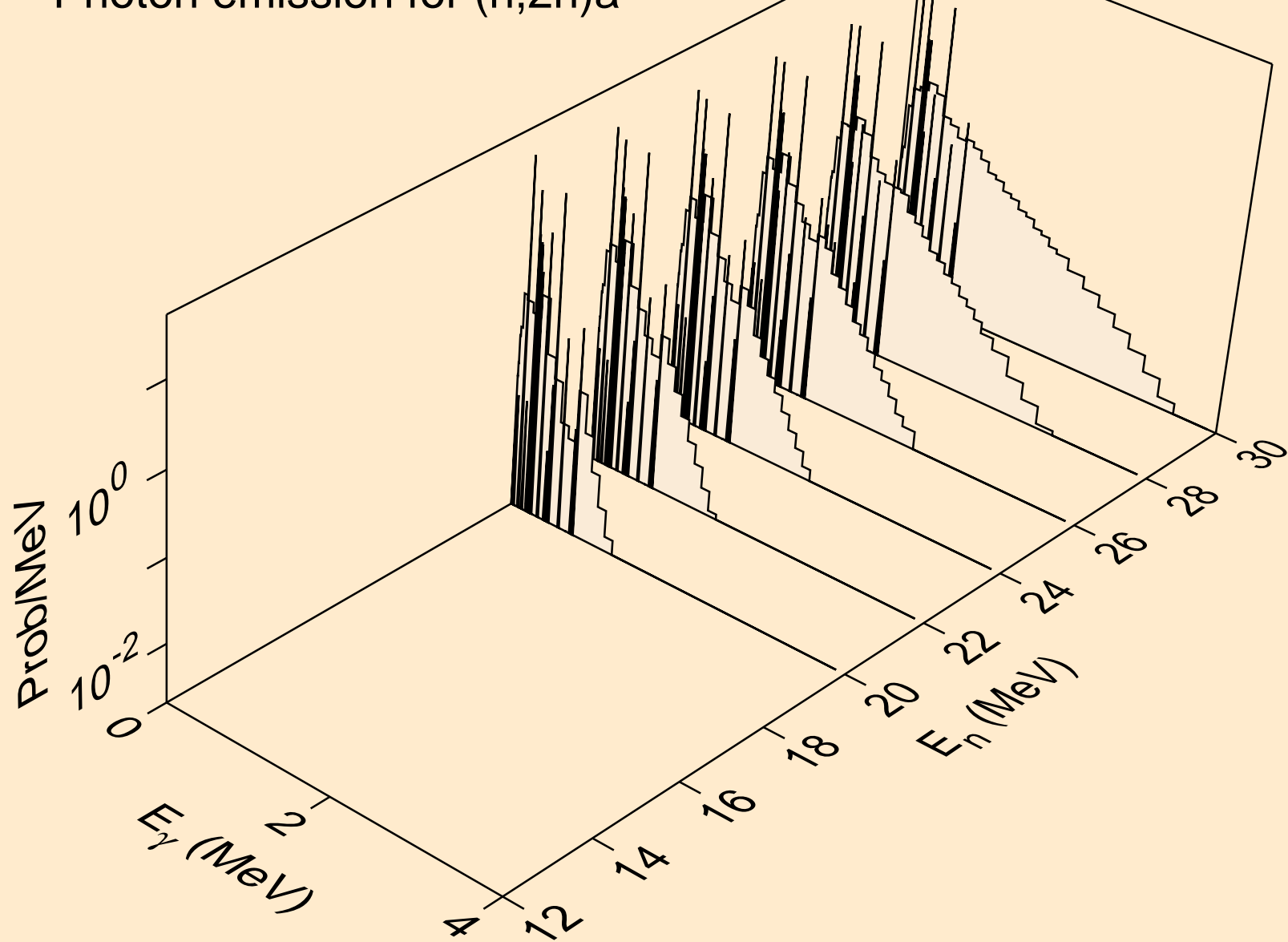
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Photon emission for (n,3n)



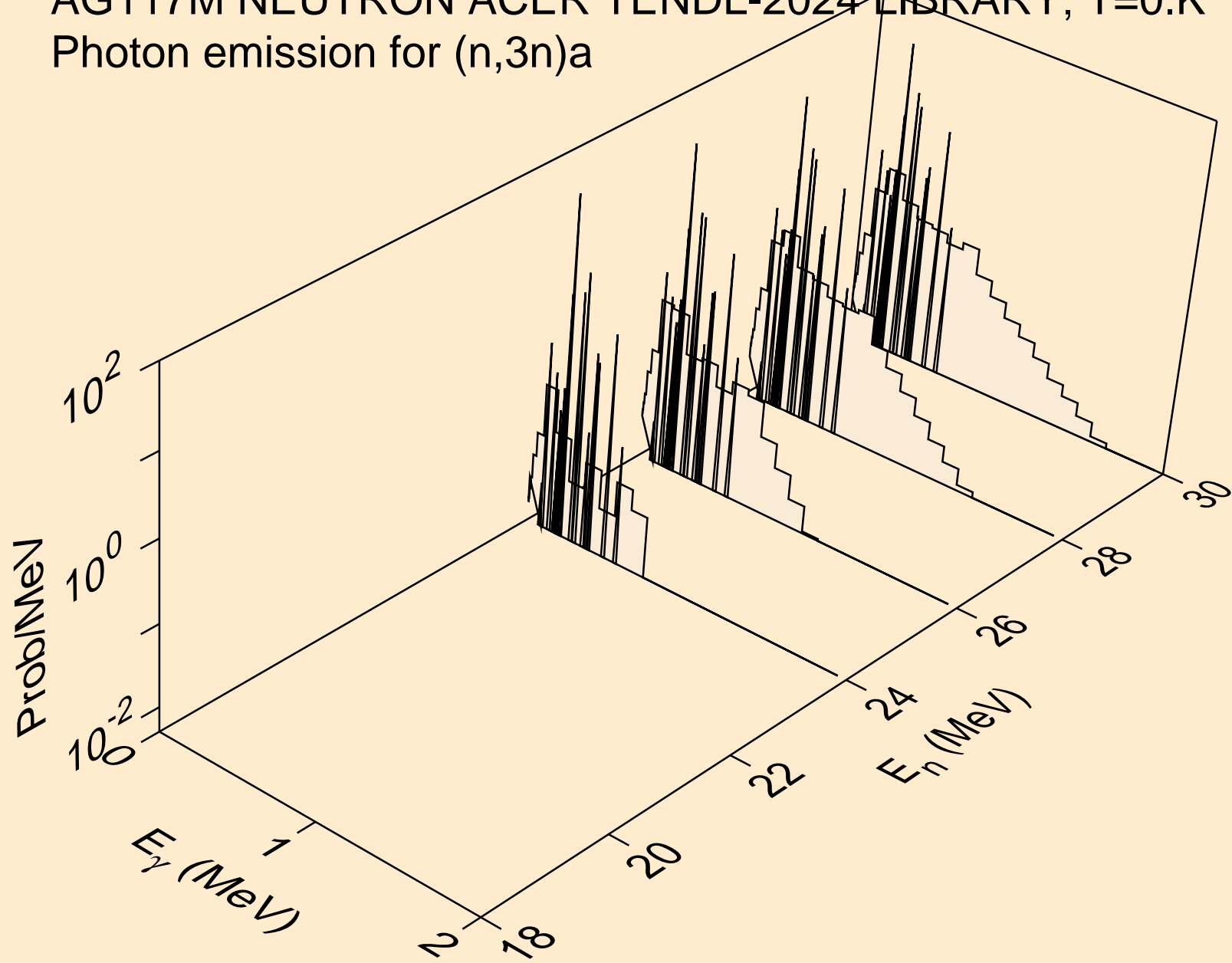
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Photon emission for (n,n\*)a



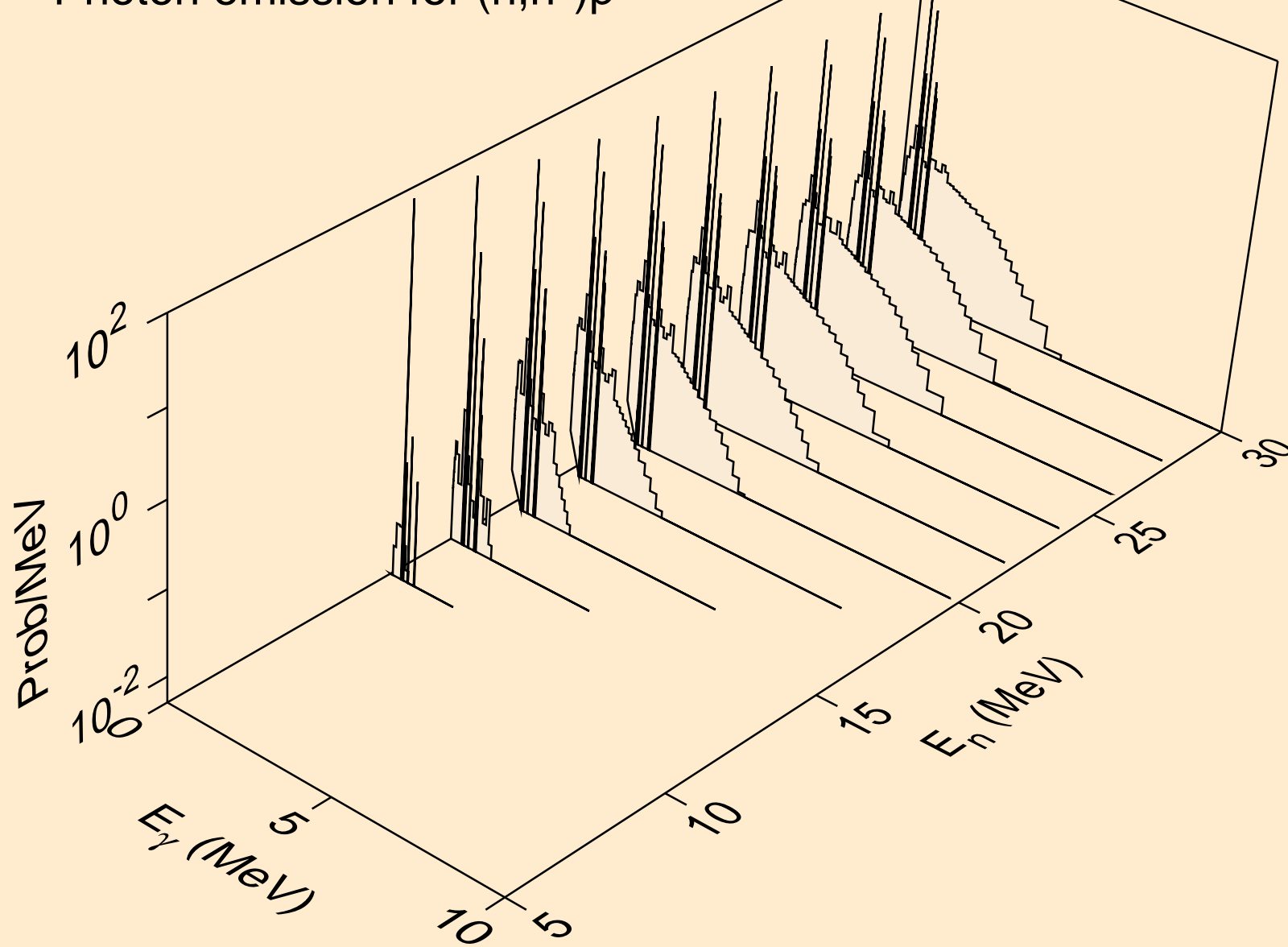
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Photon emission for (n,2n)a



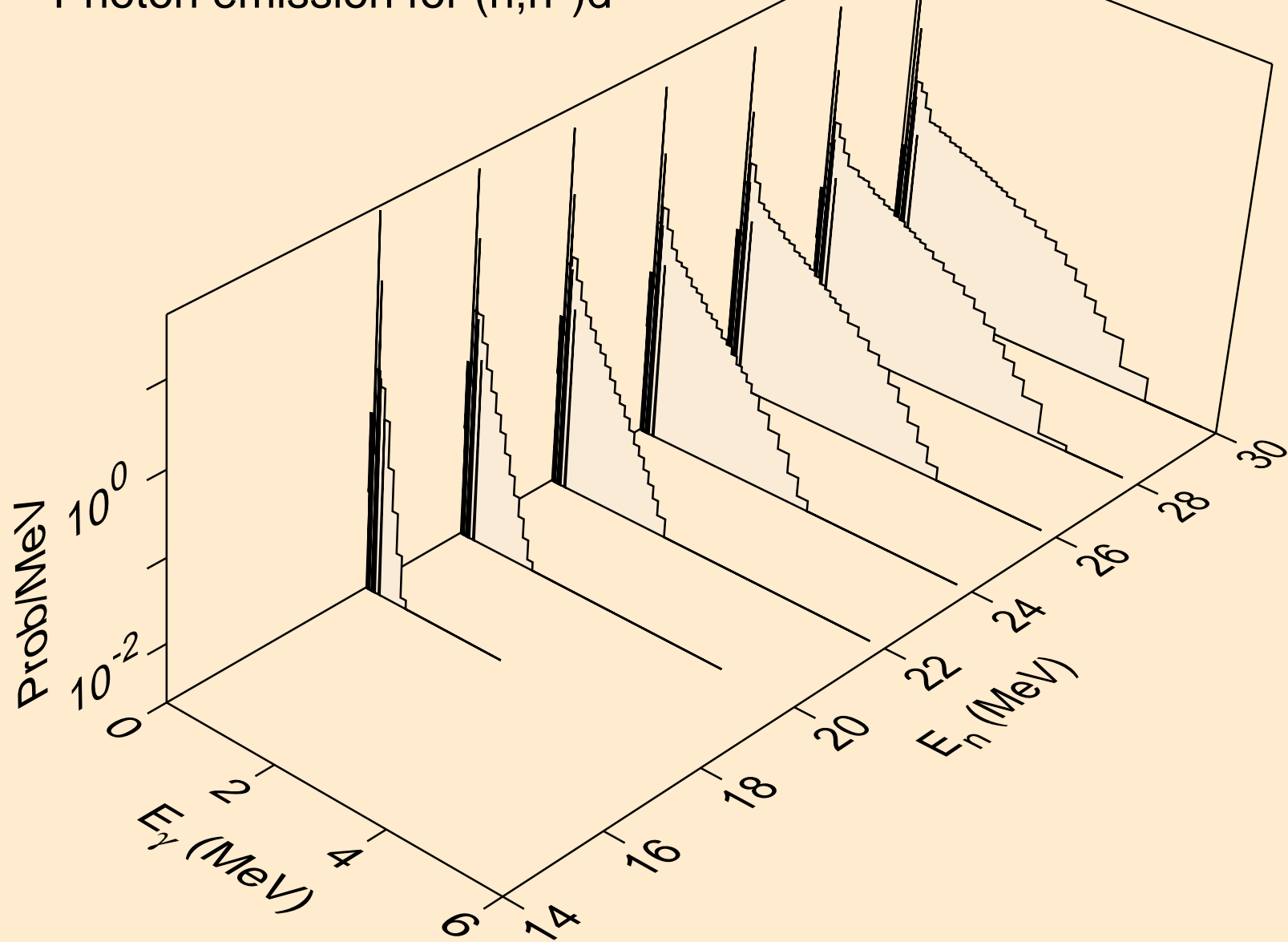
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Photon emission for (n,3n)a



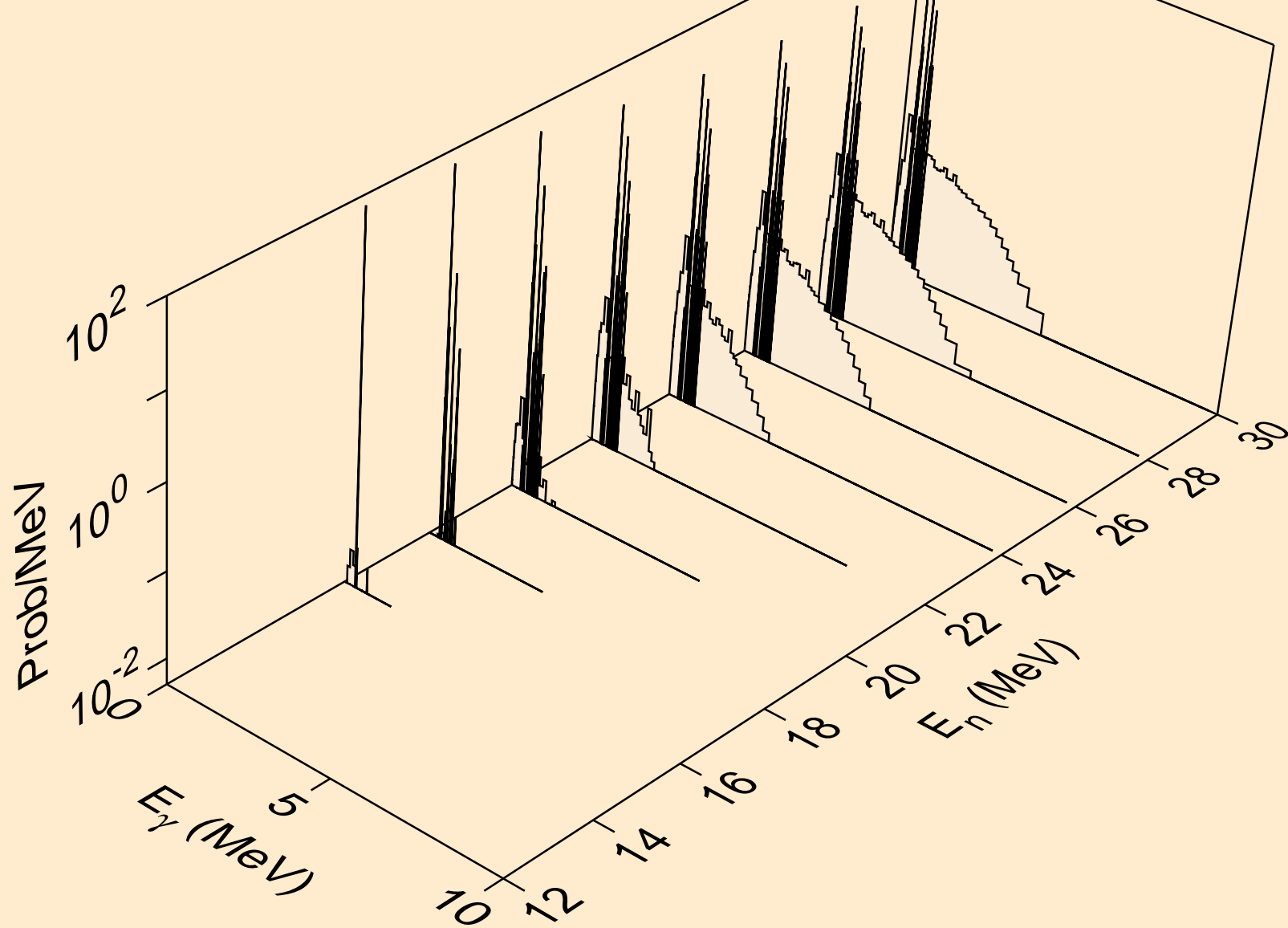
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

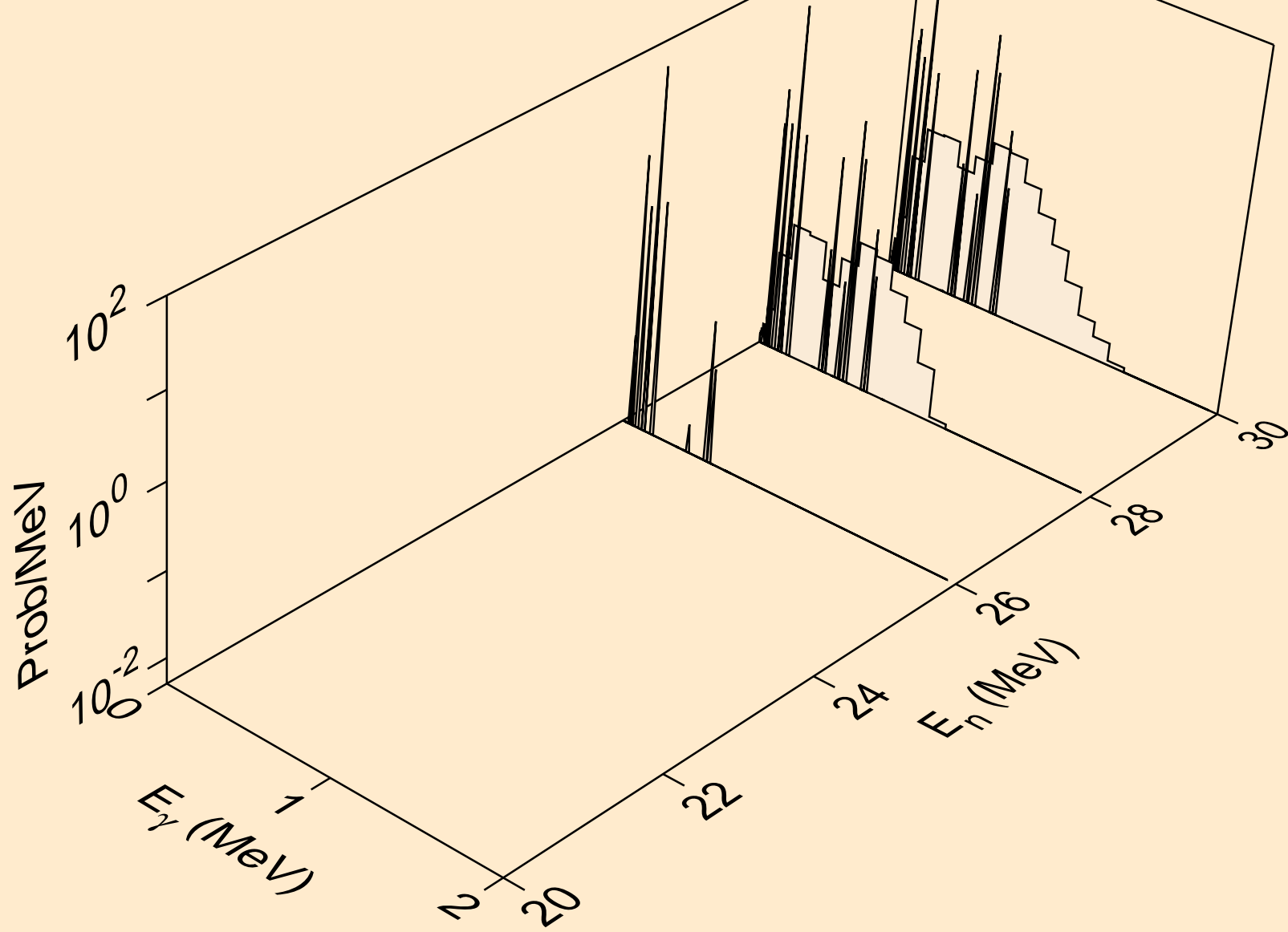


AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

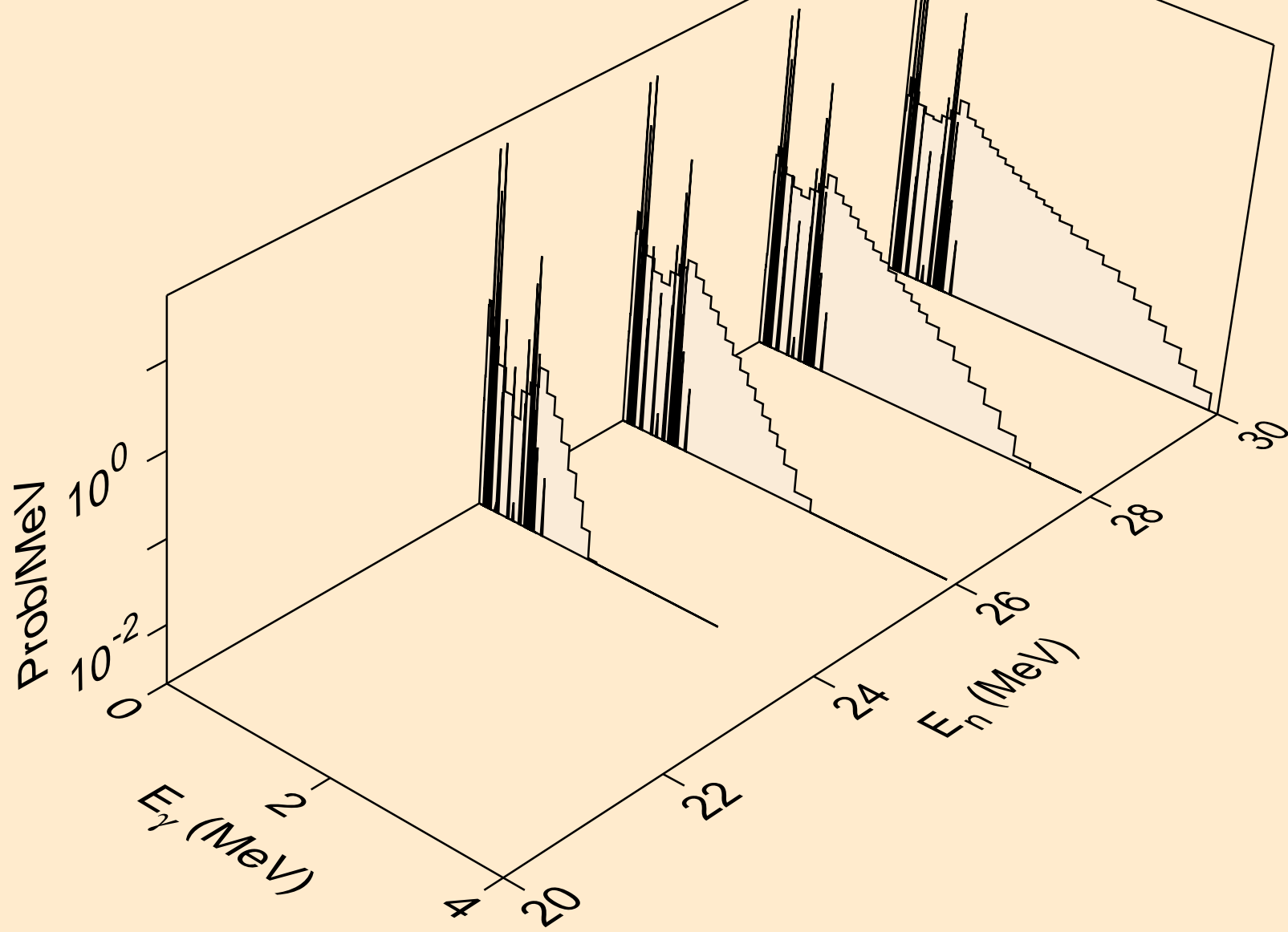




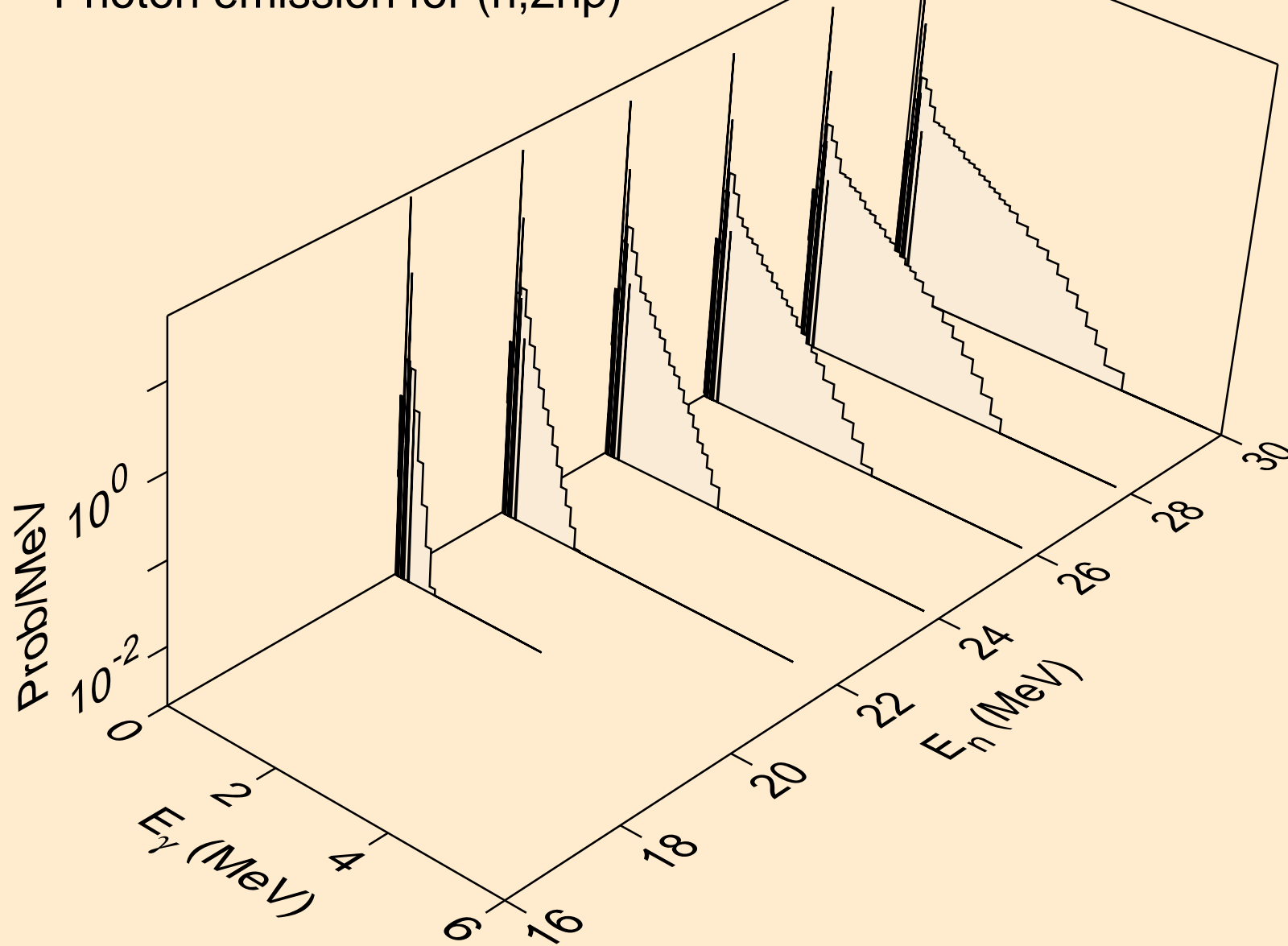
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



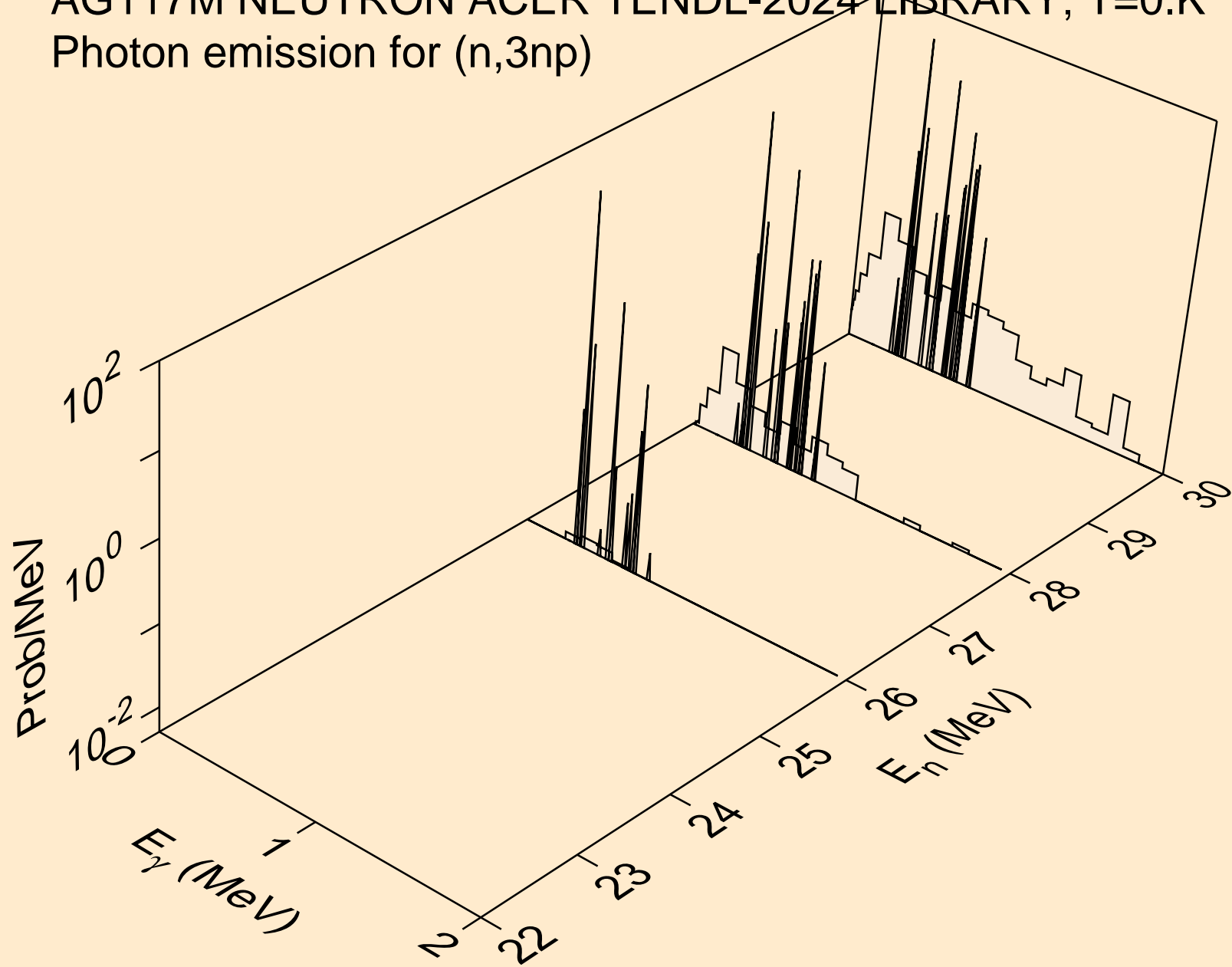
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Photon emission for (n,4n)



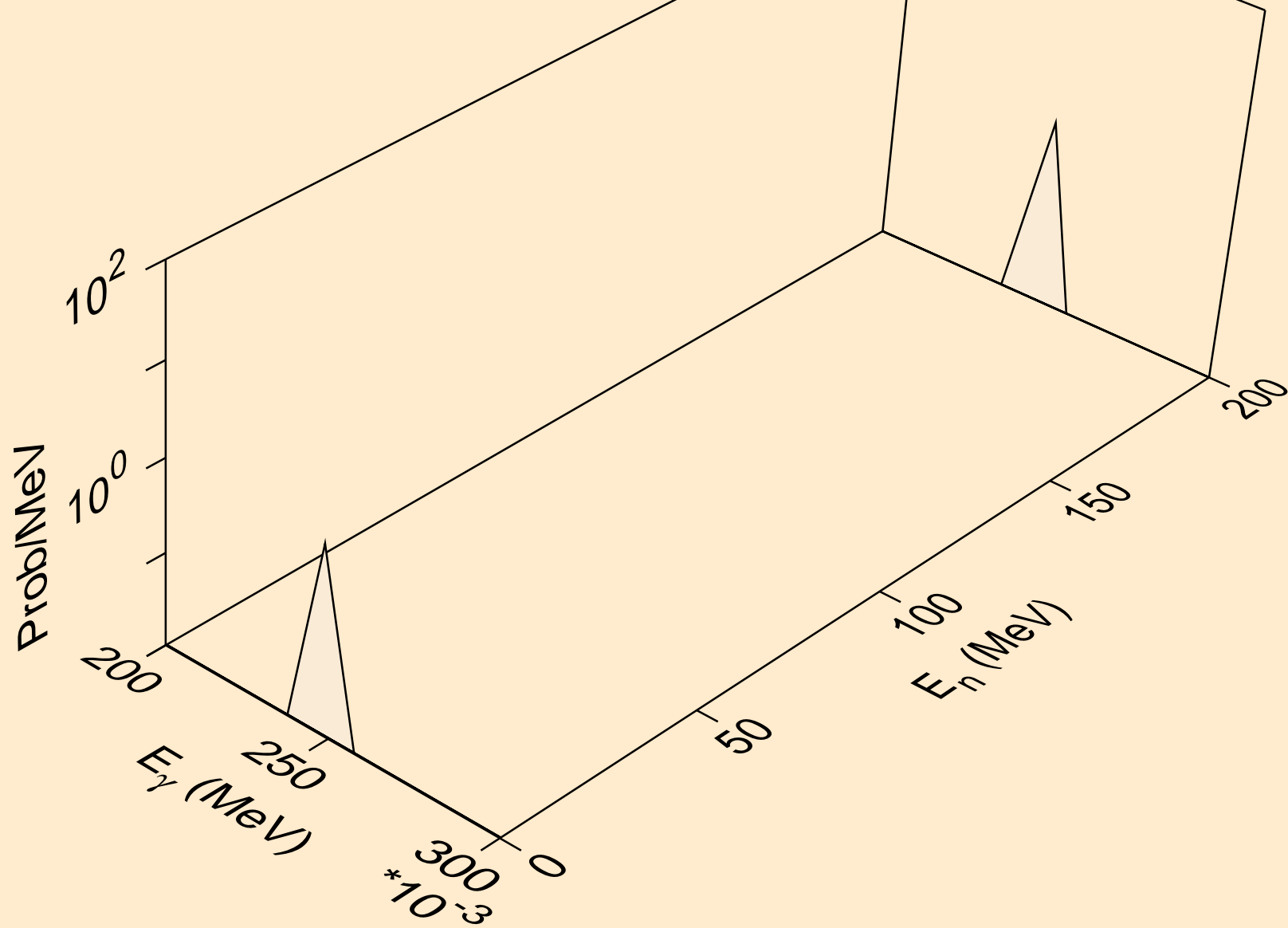
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Photon emission for (n,2np)



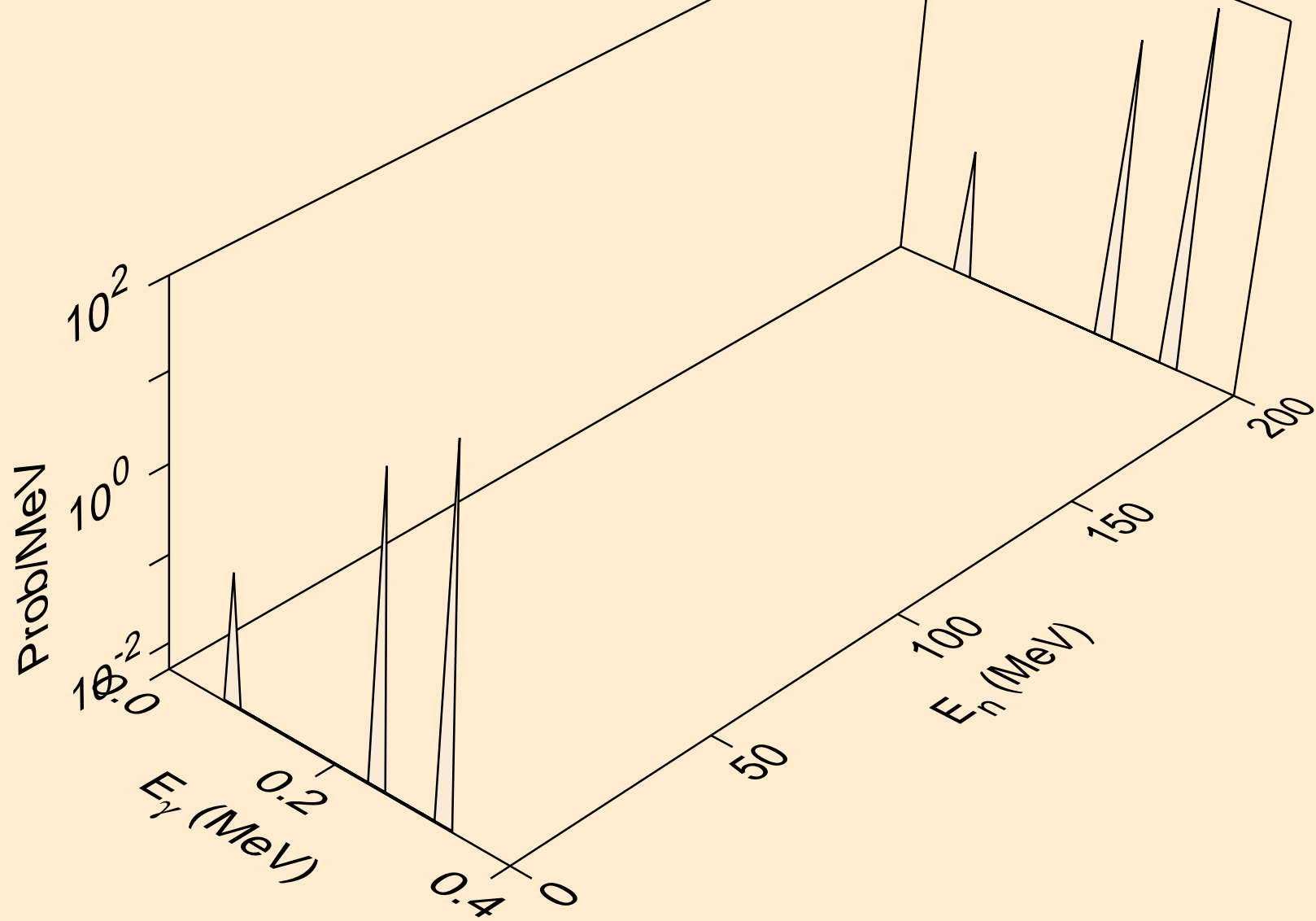
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Photon emission for (n,3np)



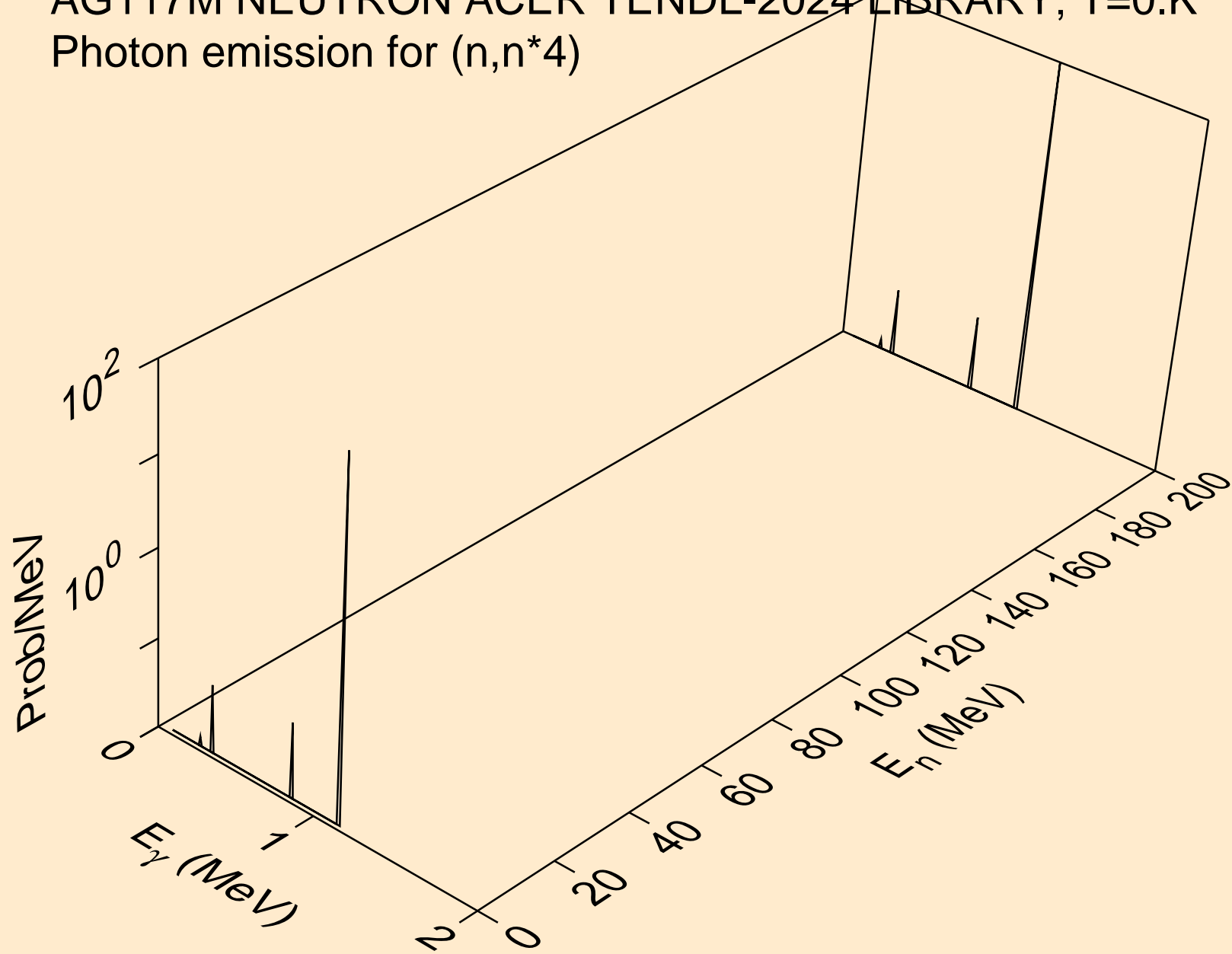
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Photon emission for (n,n\*2)



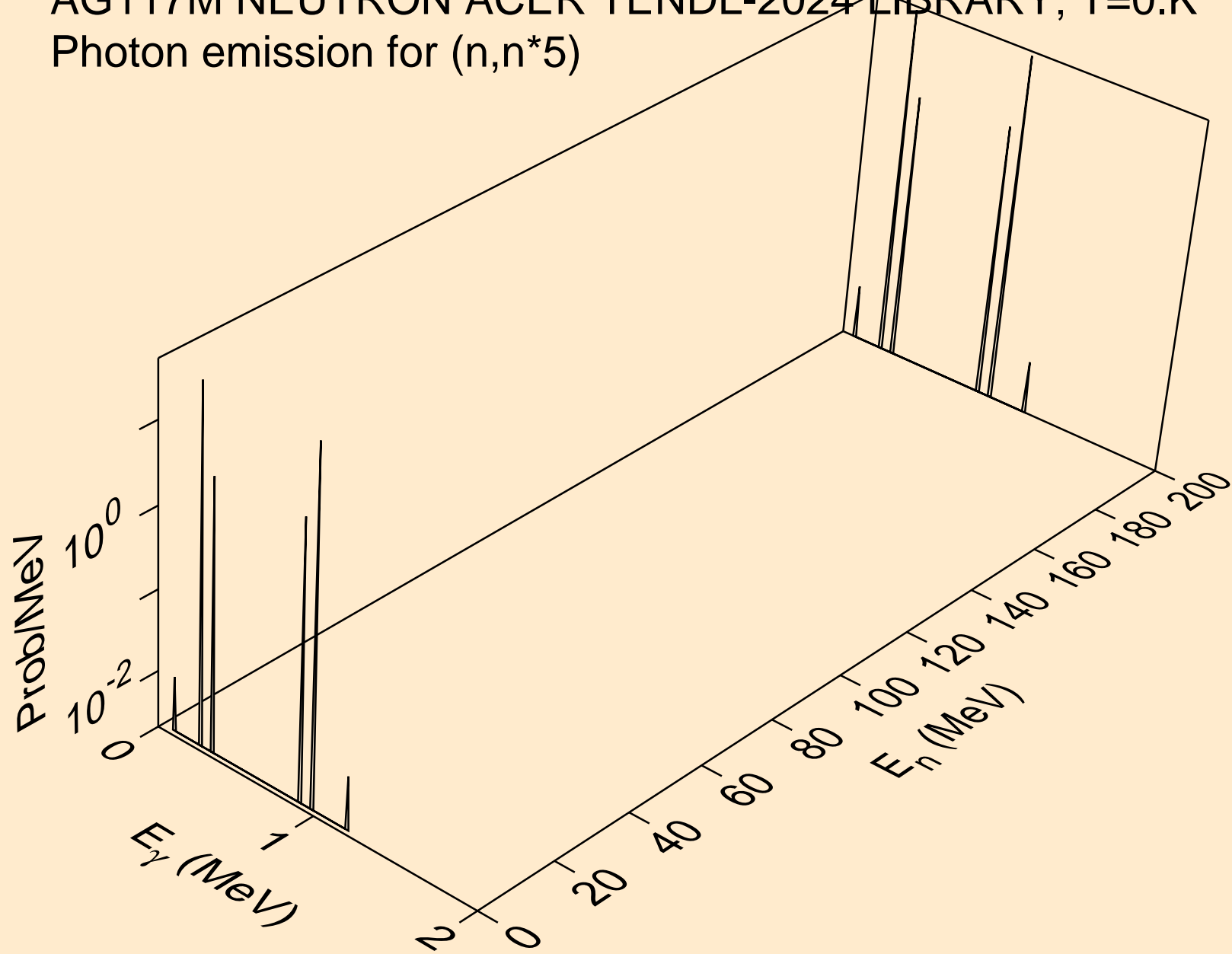
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*3)



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*4)

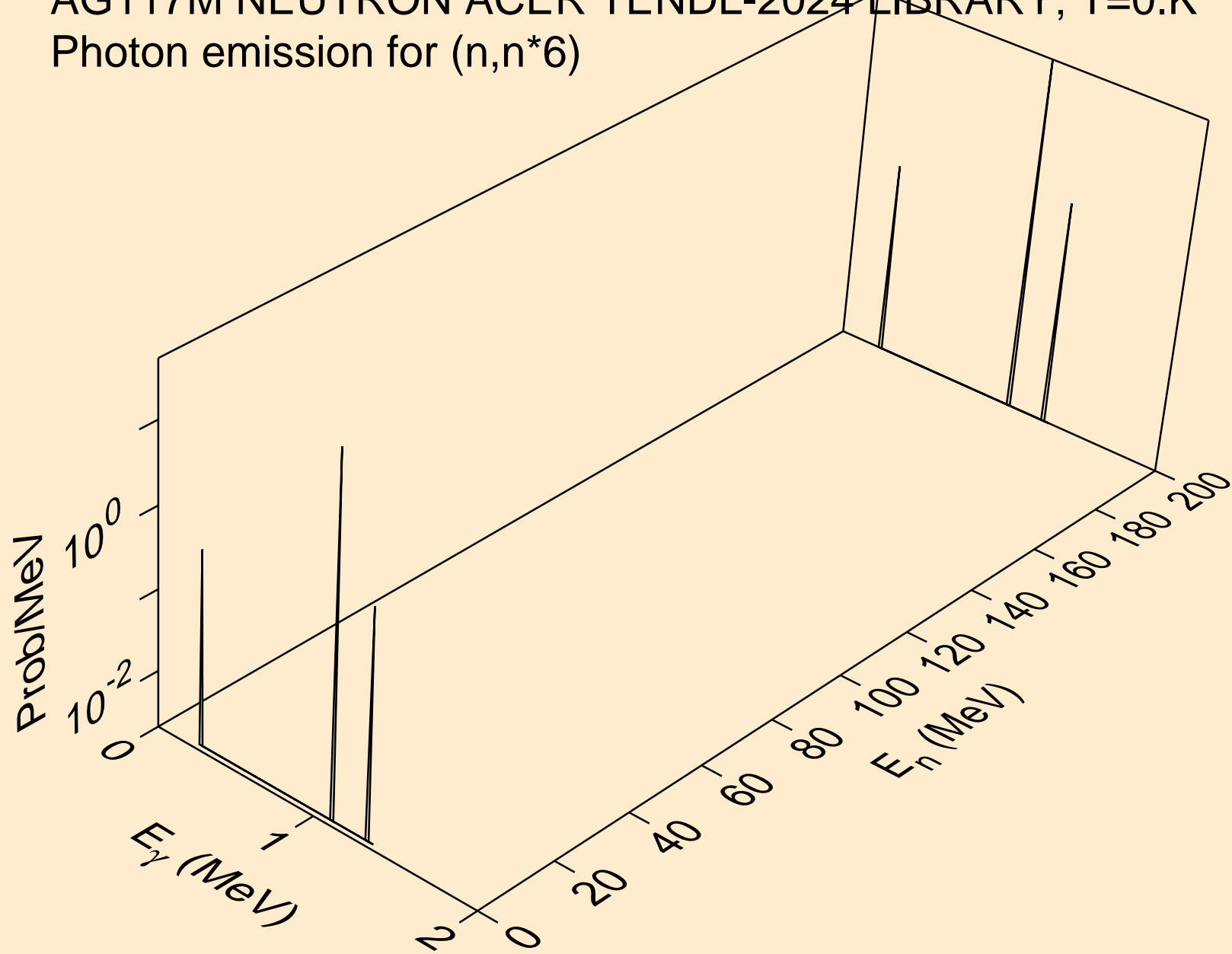


AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*5)

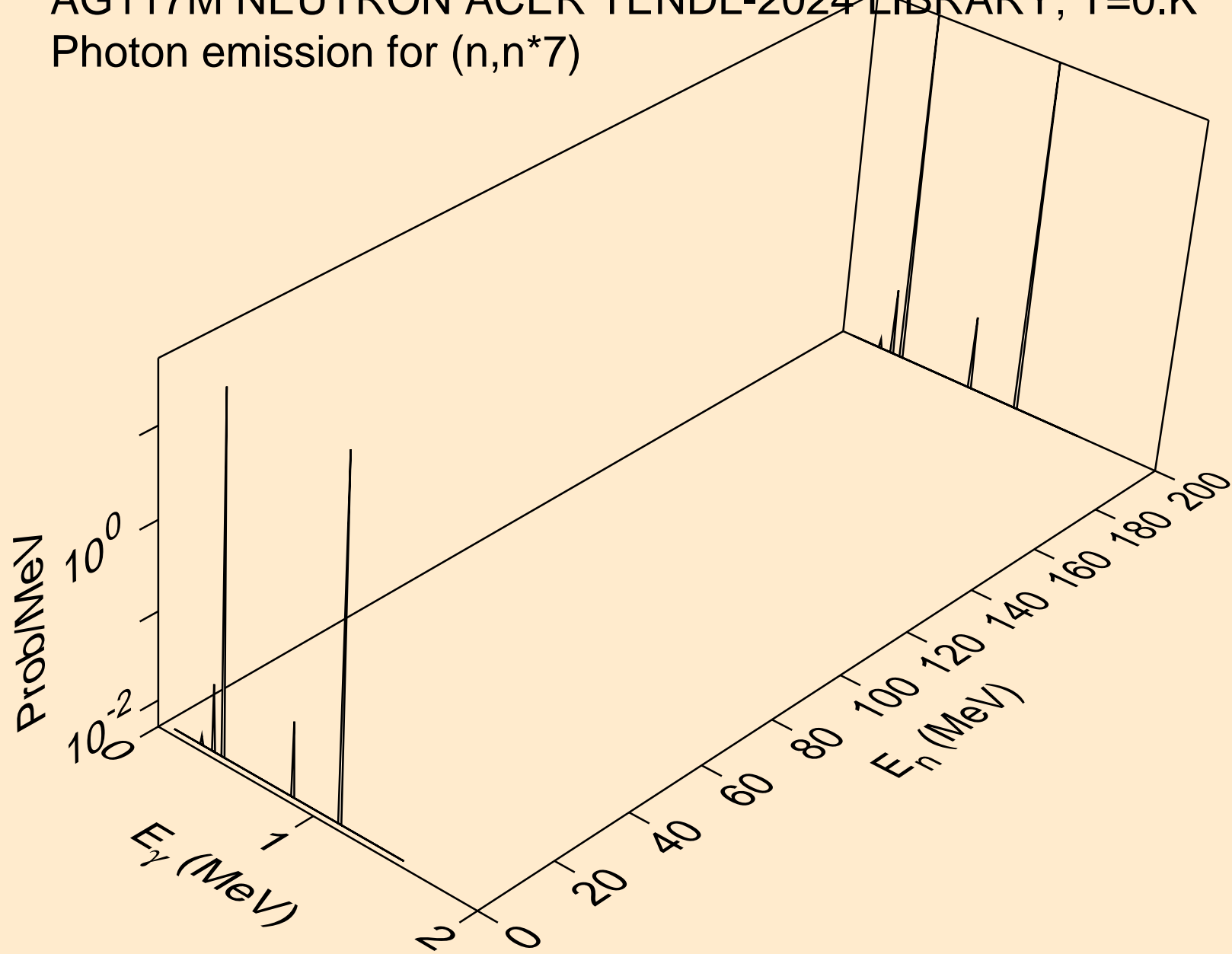




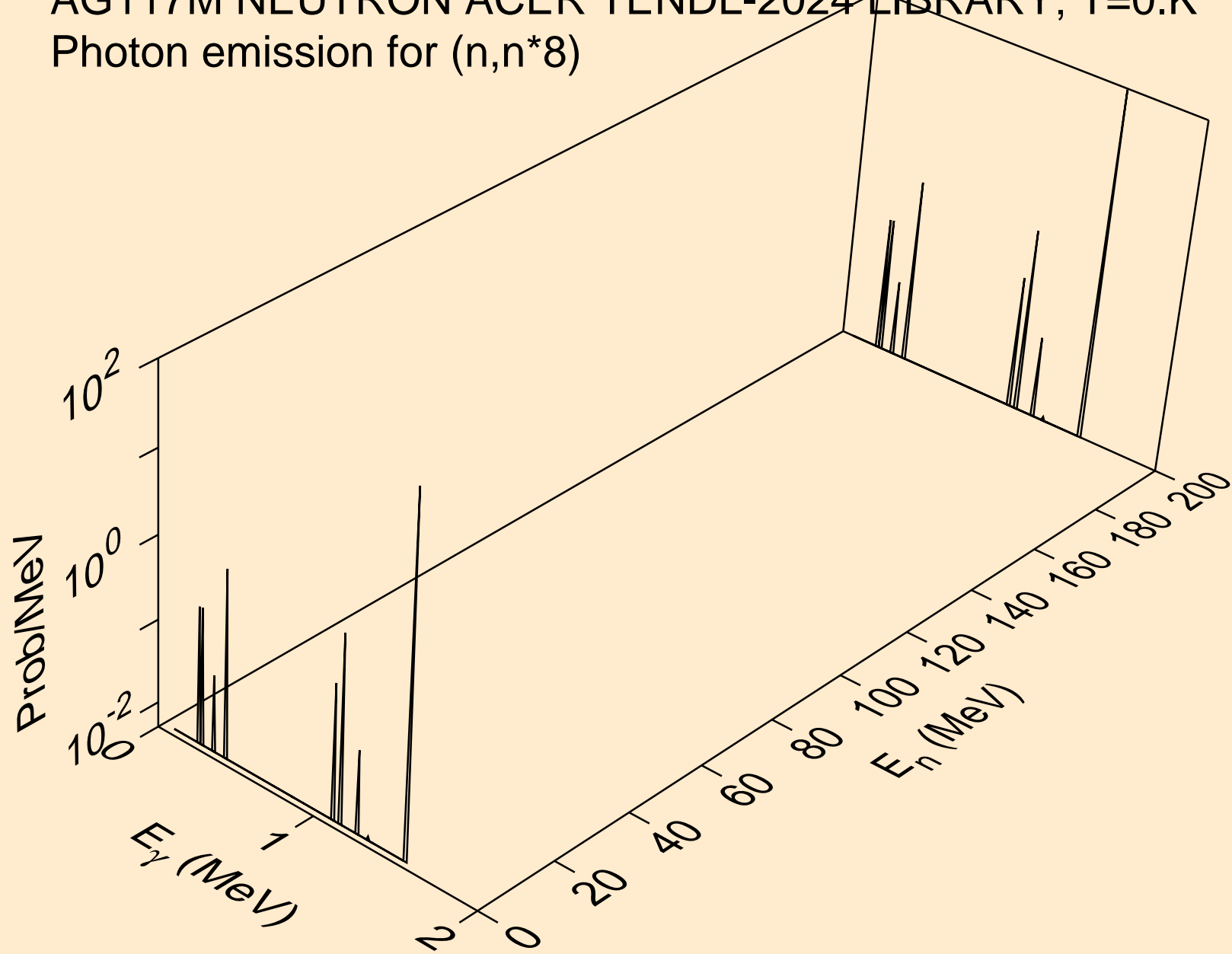
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Photon emission for (n,n\*6)



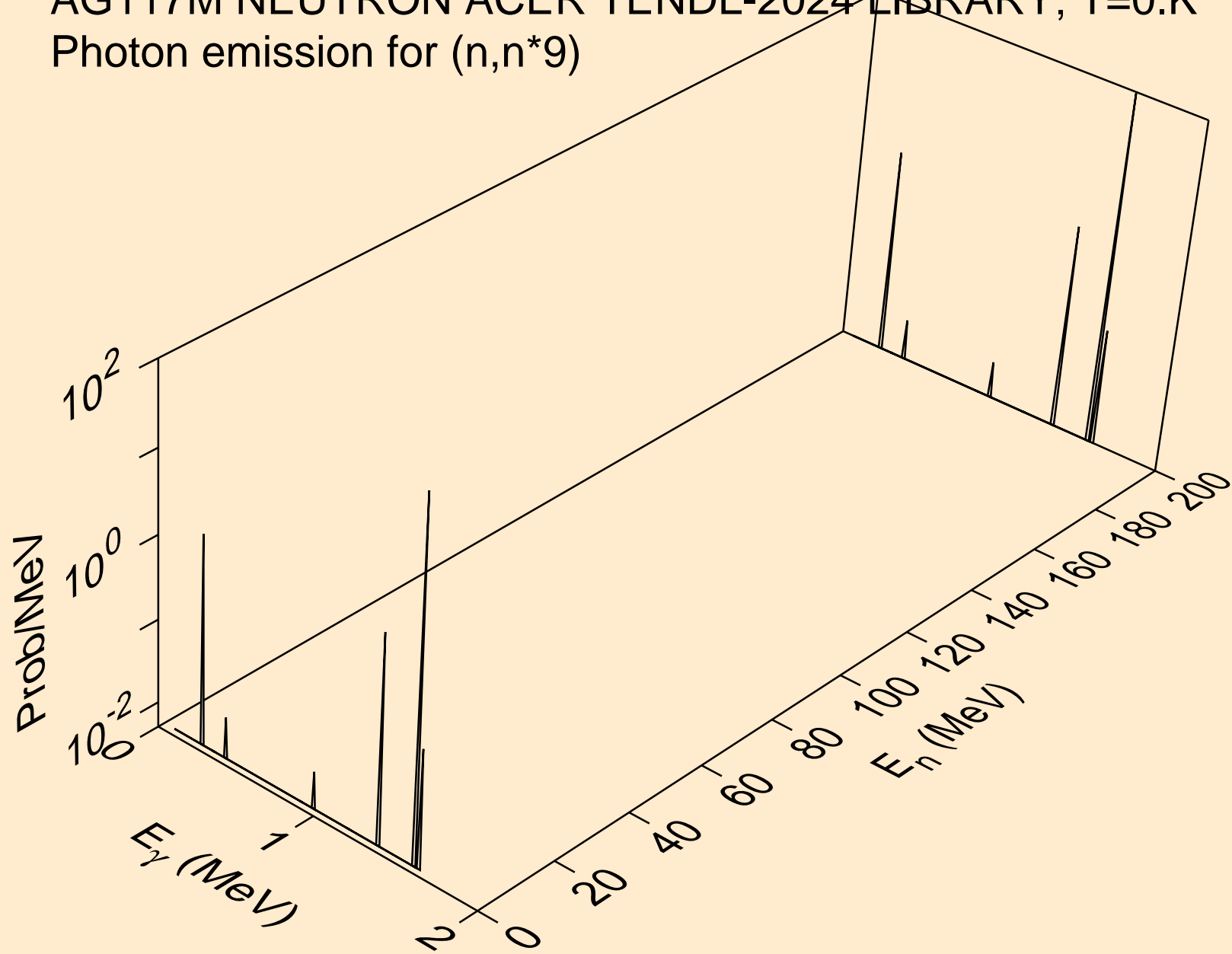
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Photon emission for (n,n\*7)



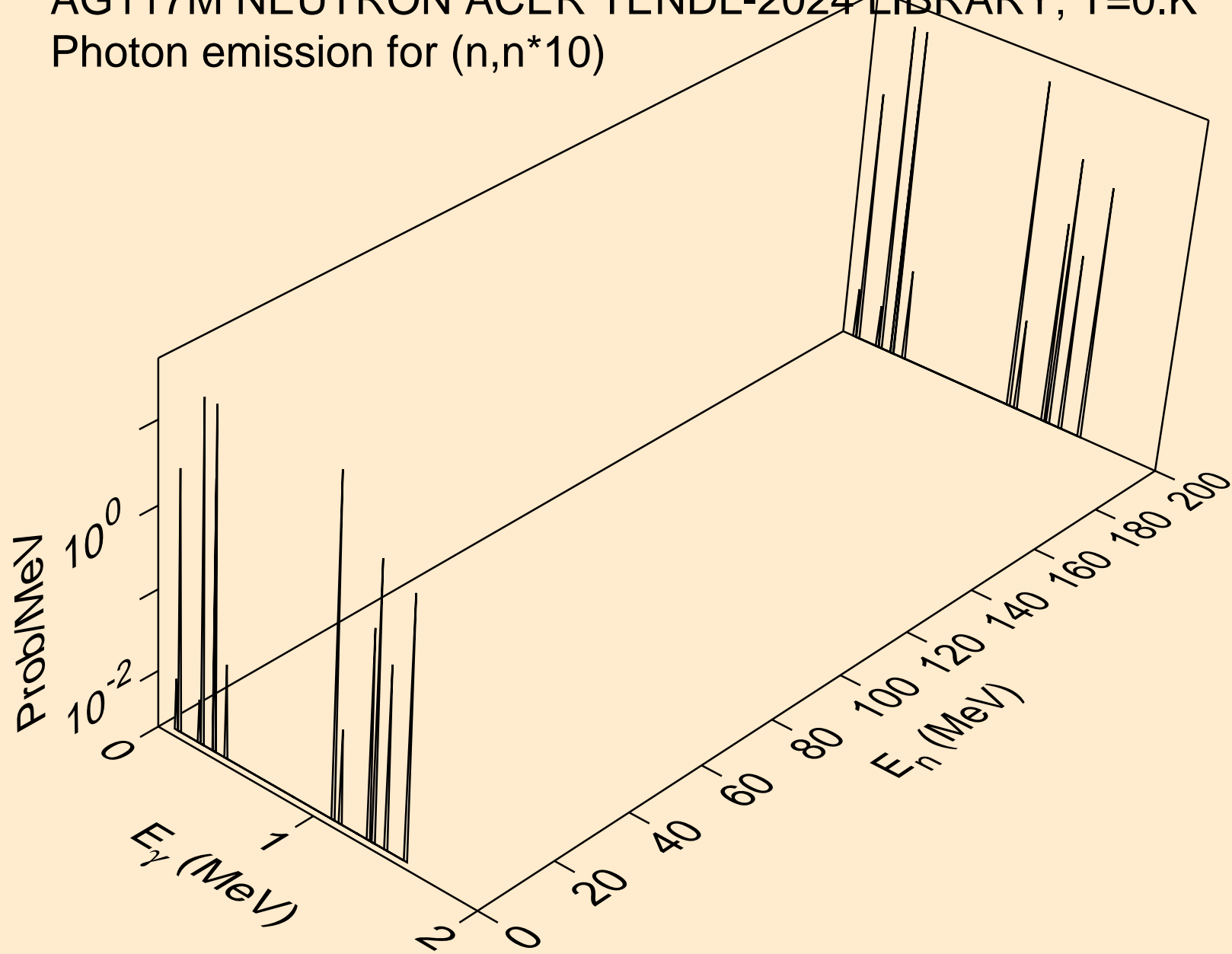
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Photon emission for (n,n\*8)



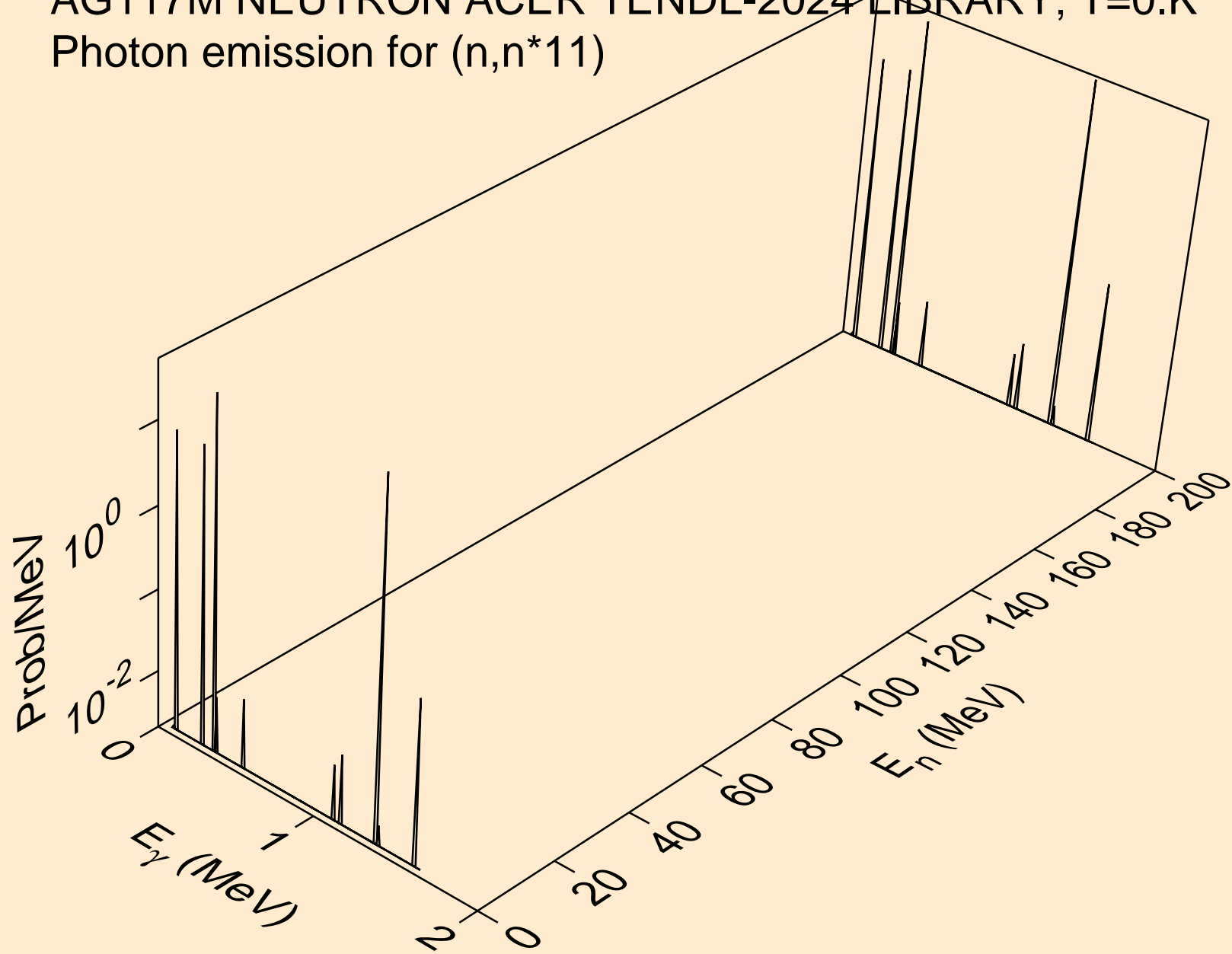
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Photon emission for (n,n\*9)



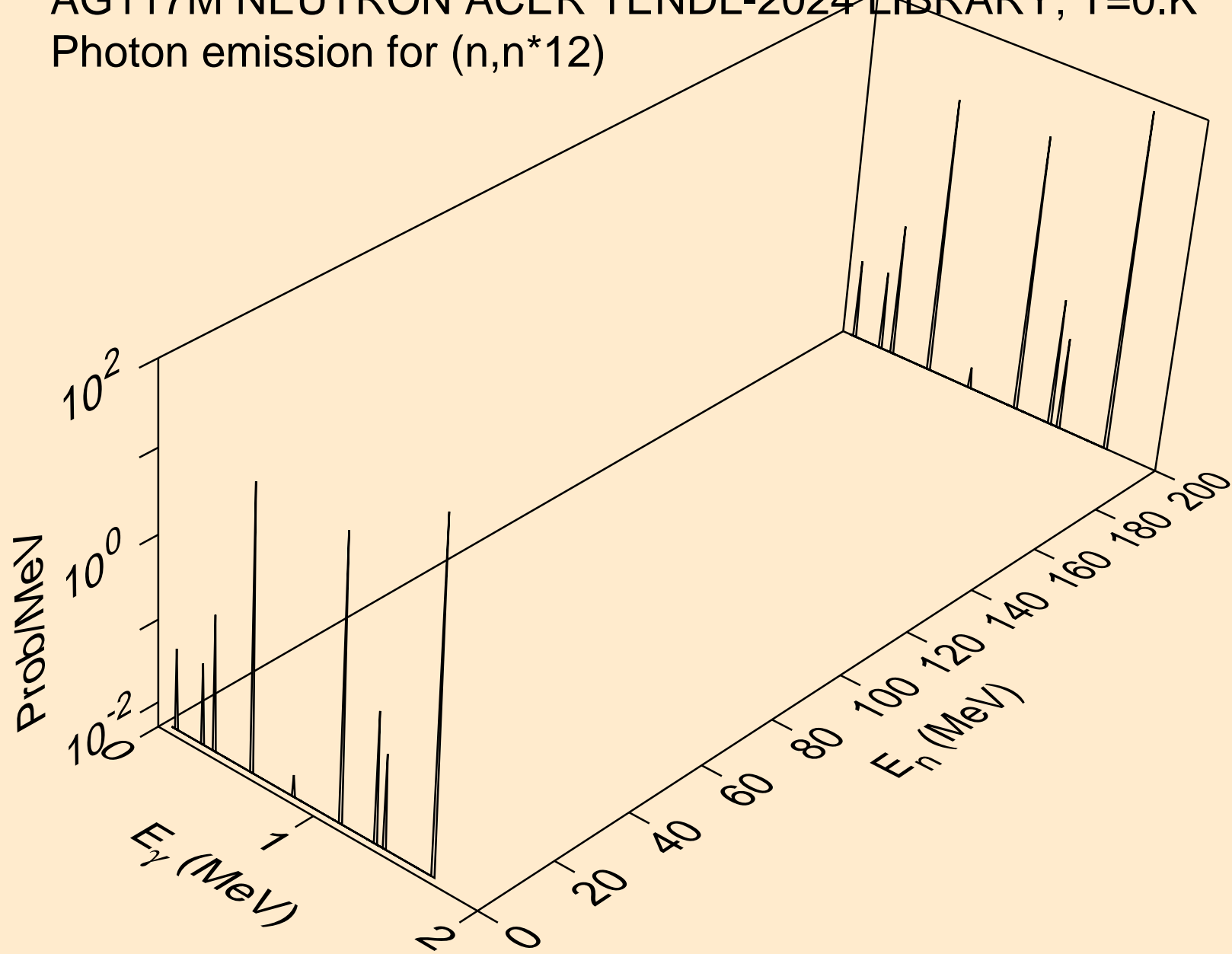
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Photon emission for (n,n\*10)



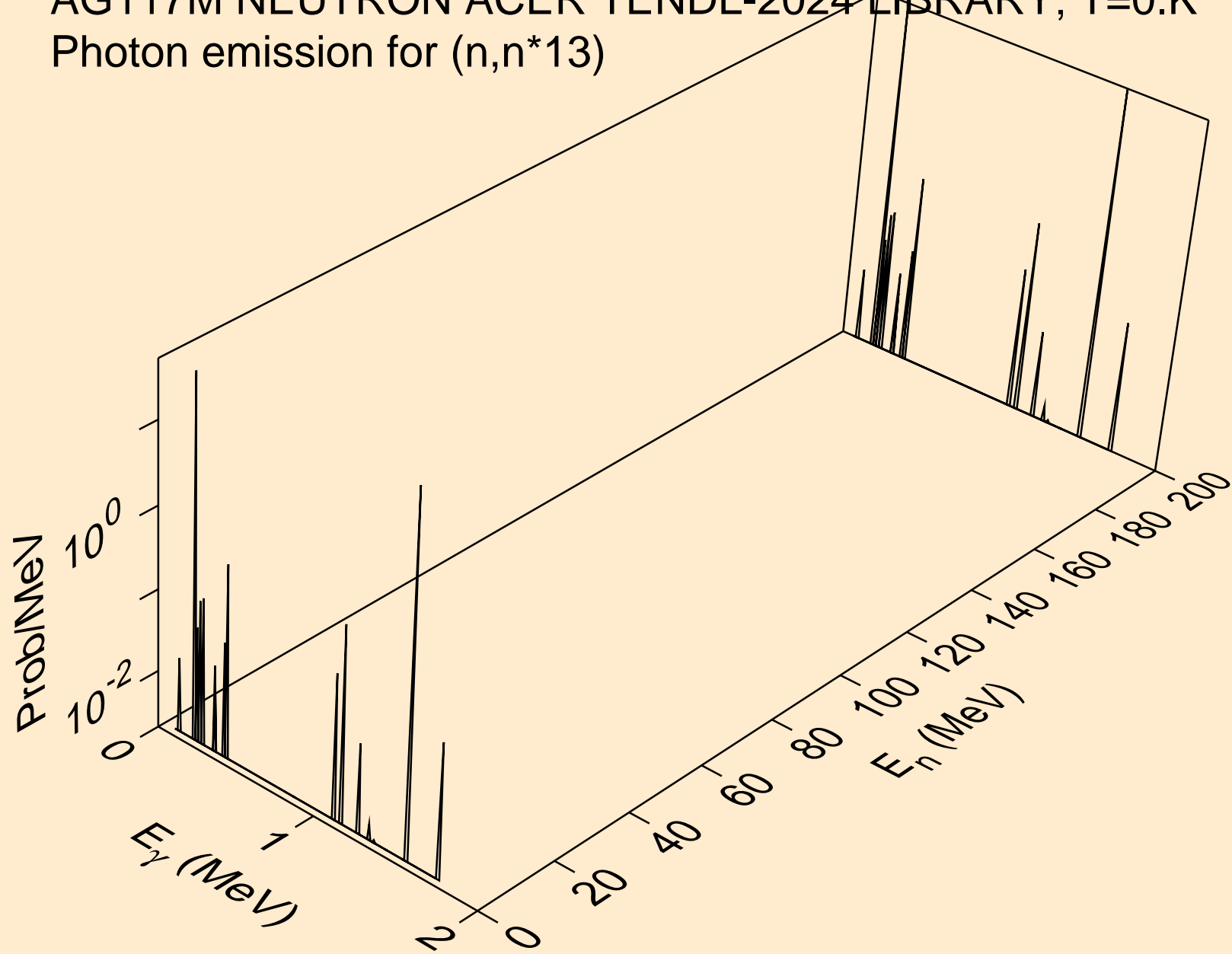
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*11)



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*12)

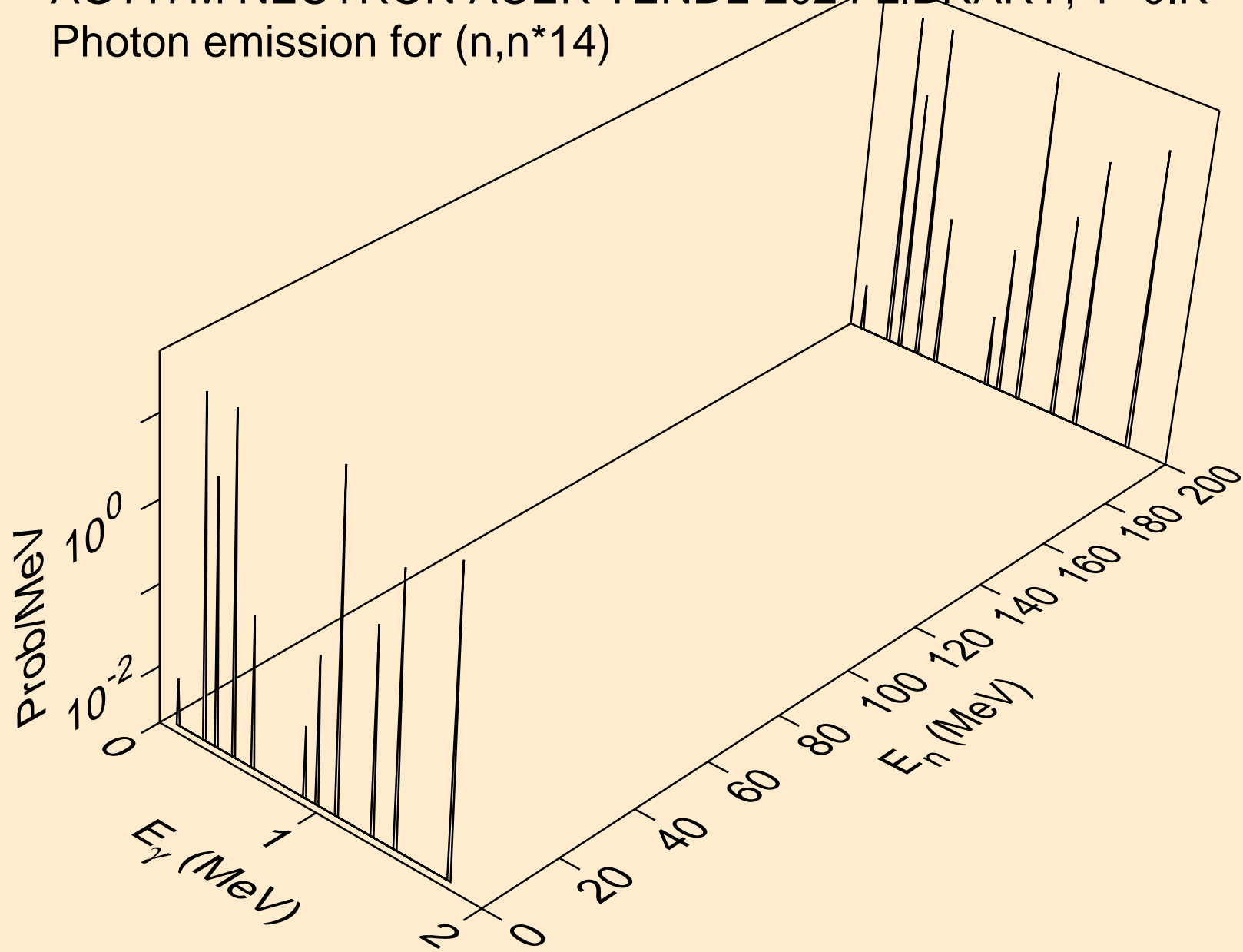


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Photon emission for (n,n\*13)

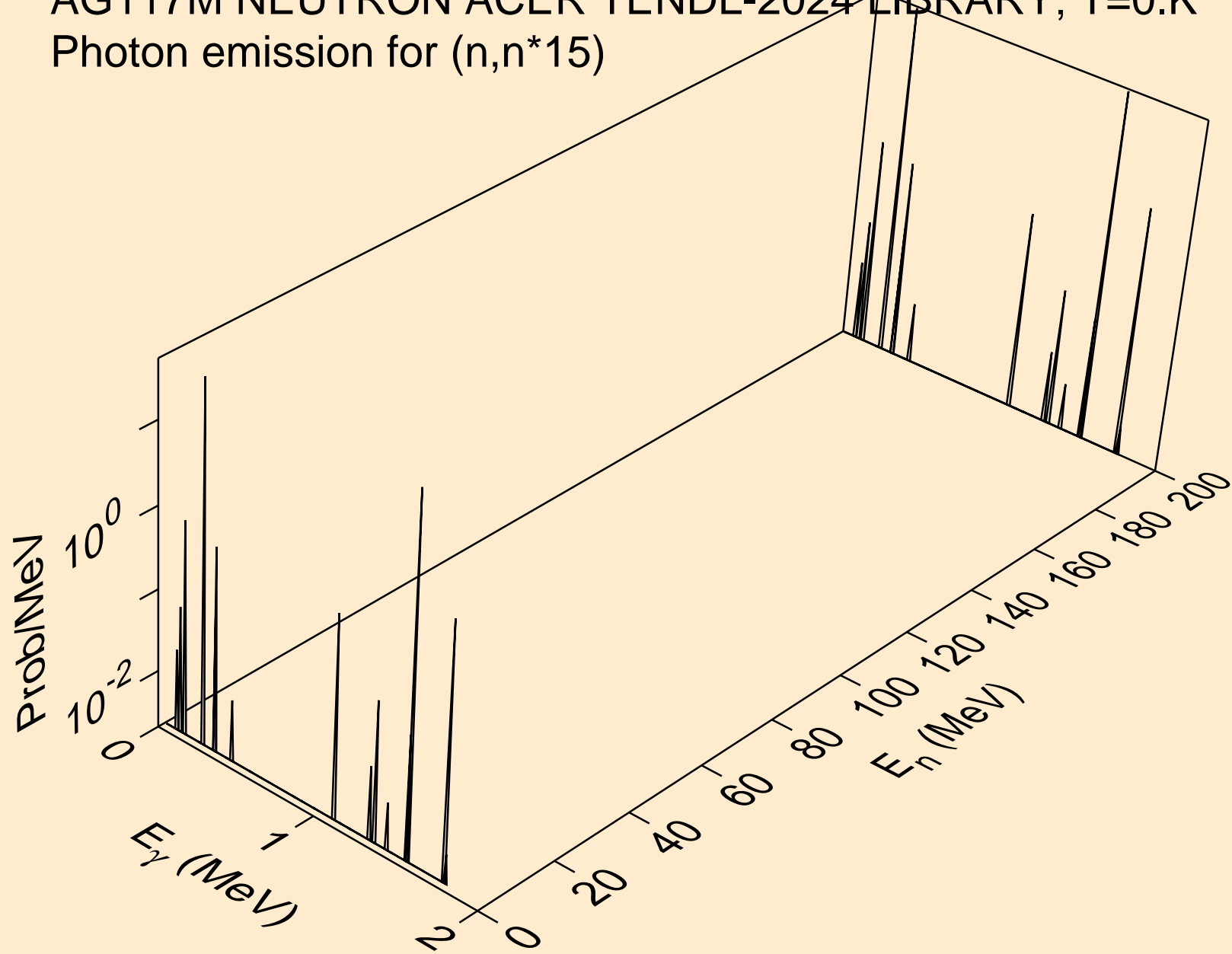




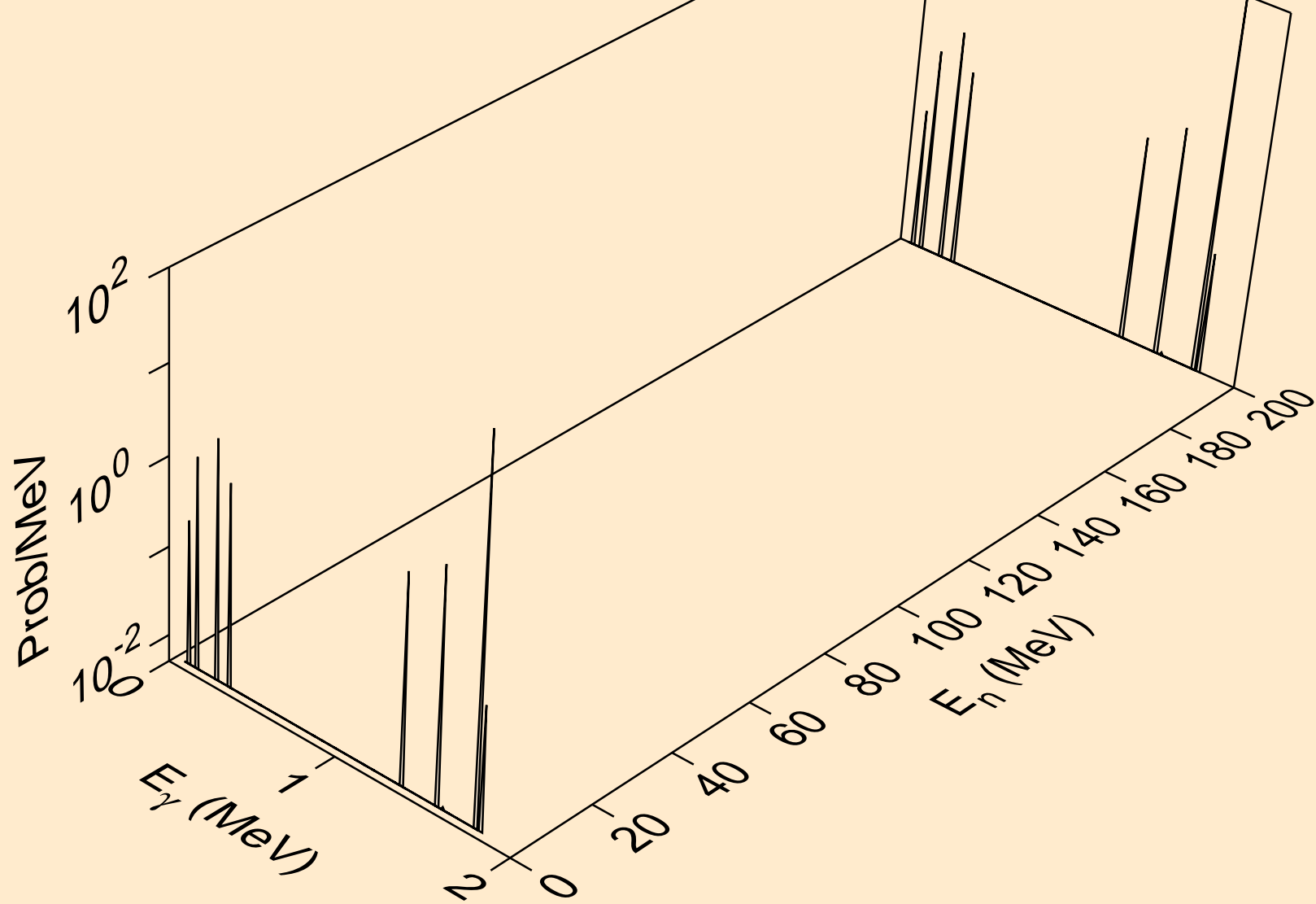
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Photon emission for (n,n\*14)



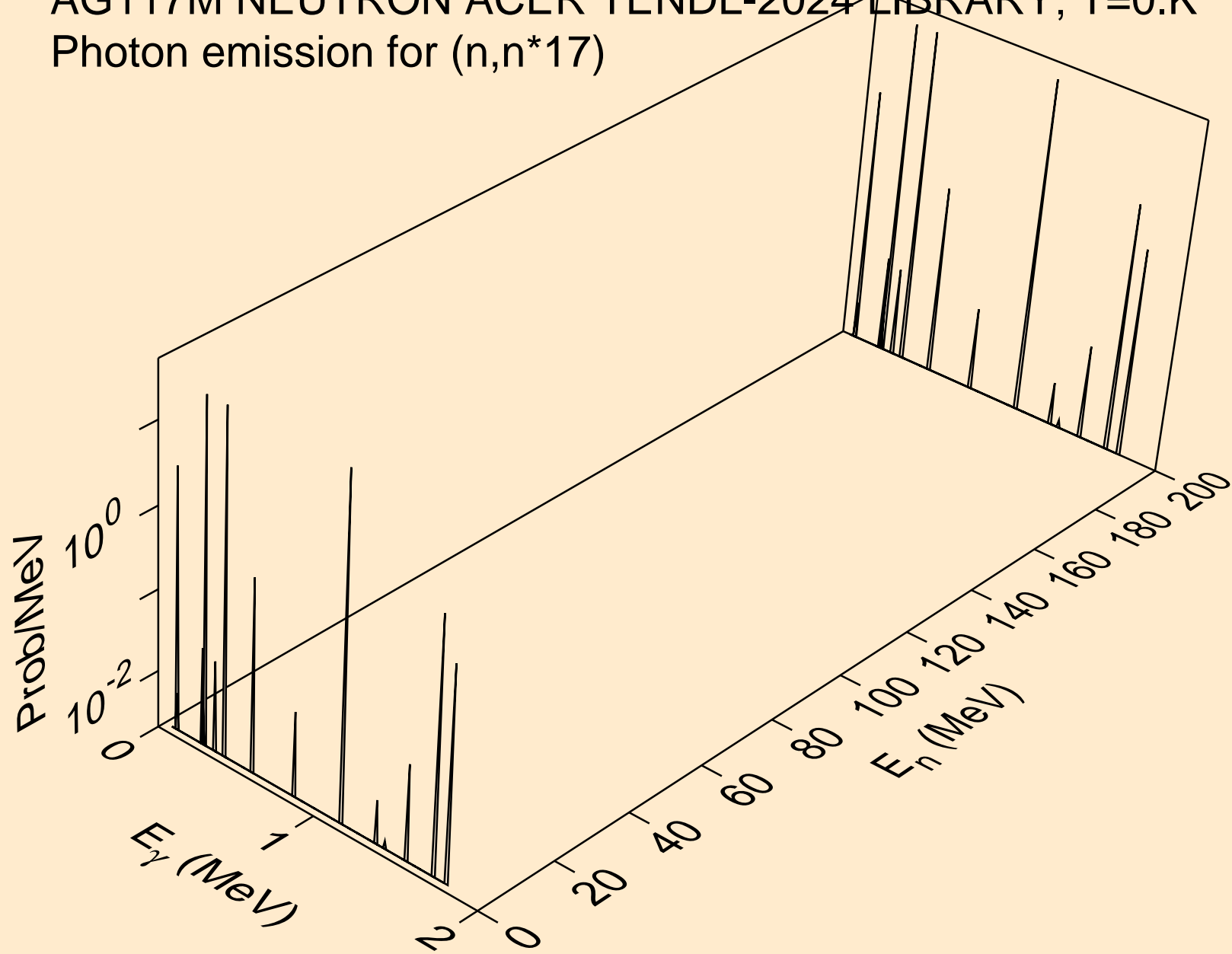
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Photon emission for (n,n\*15)



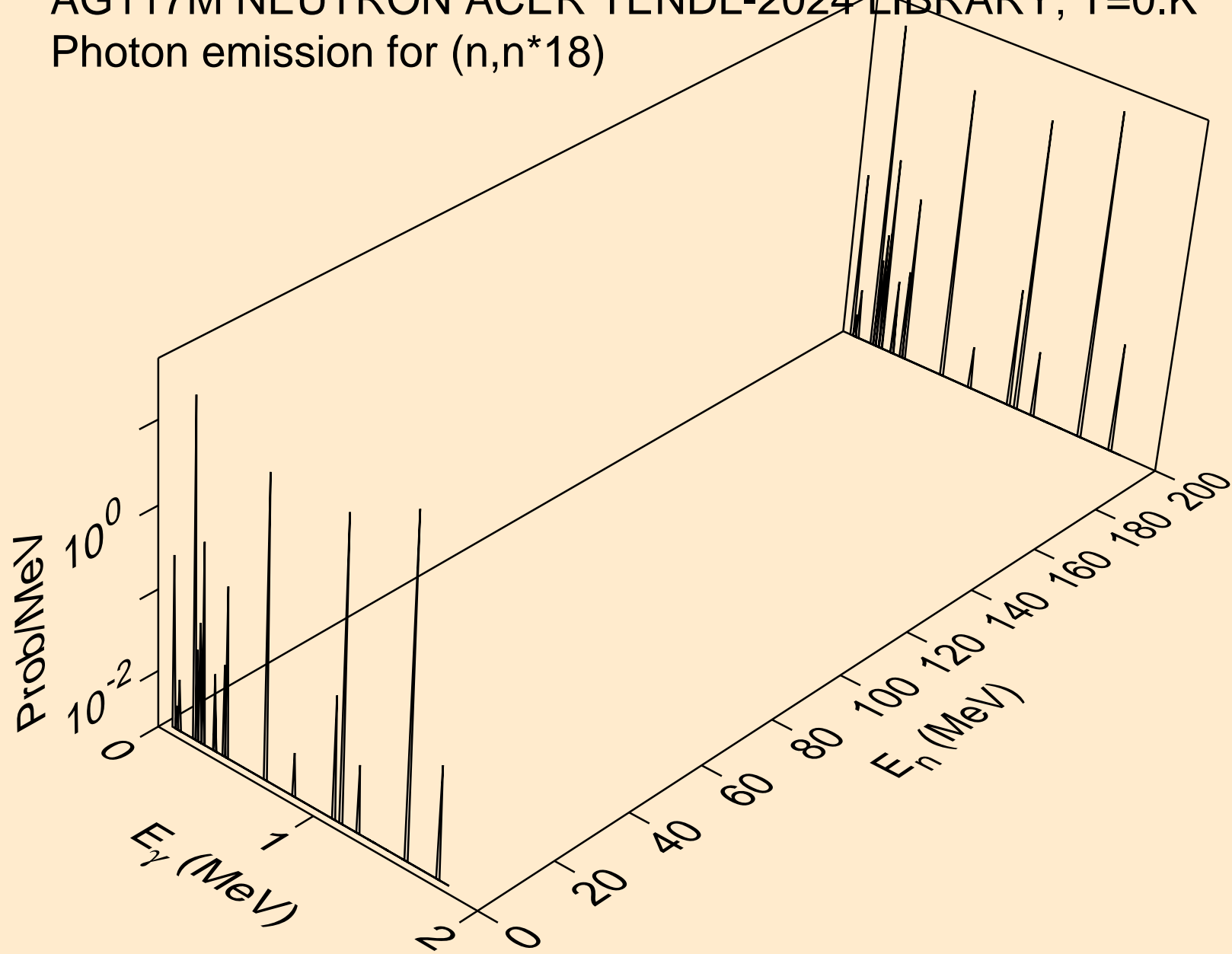
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Photon emission for (n,n\*16)



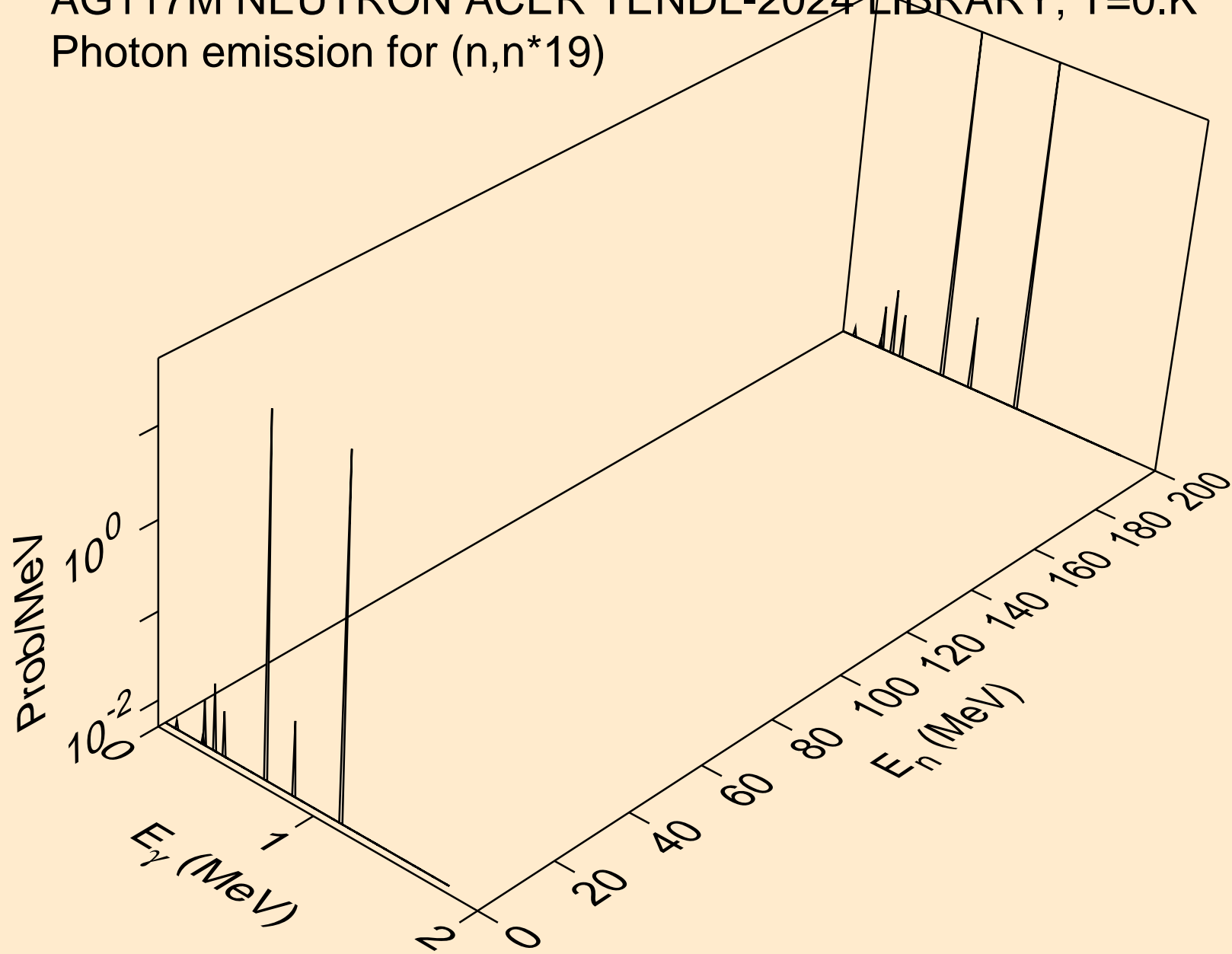
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Photon emission for (n,n\*17)



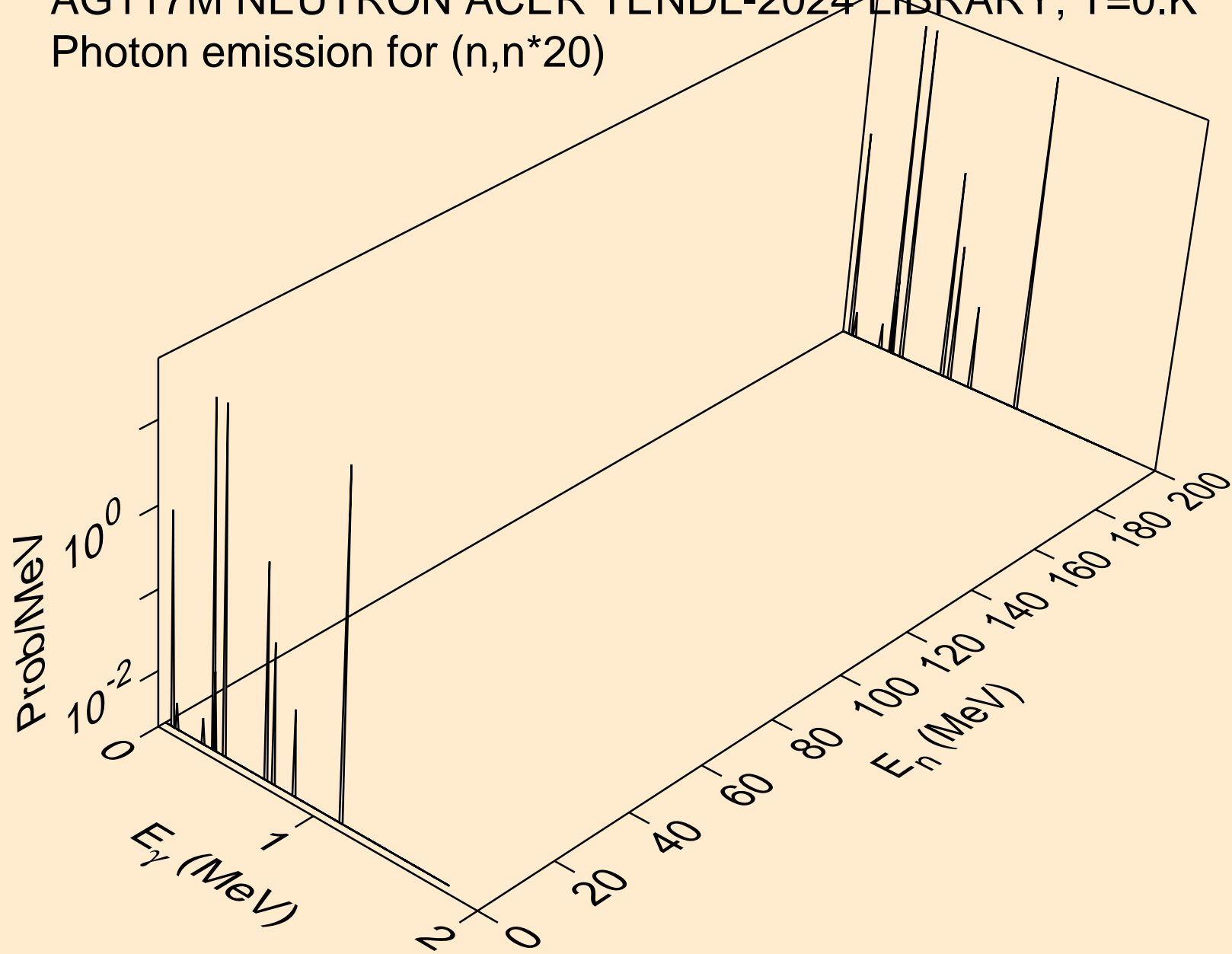
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Photon emission for (n,n\*18)



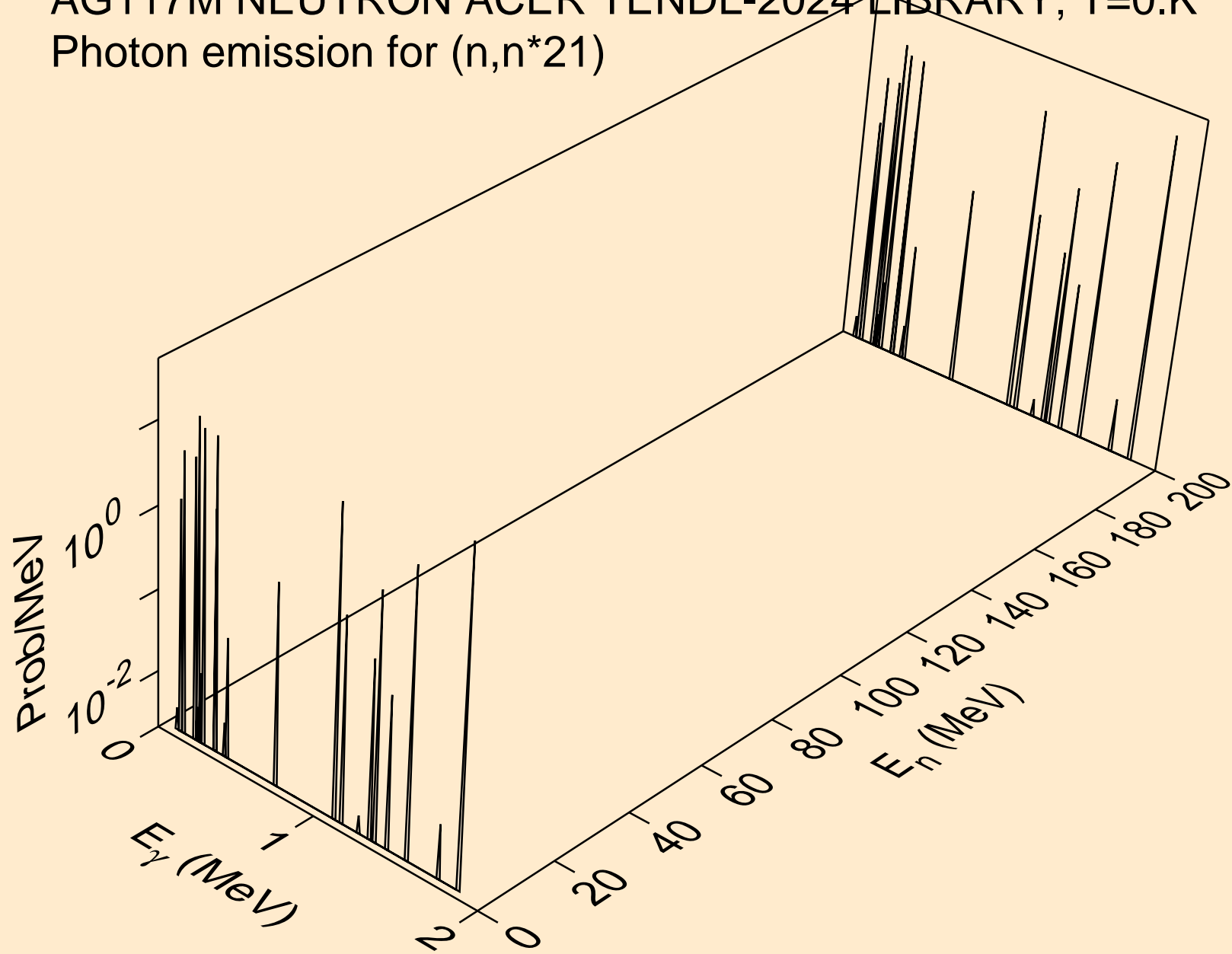
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*19)



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*20)

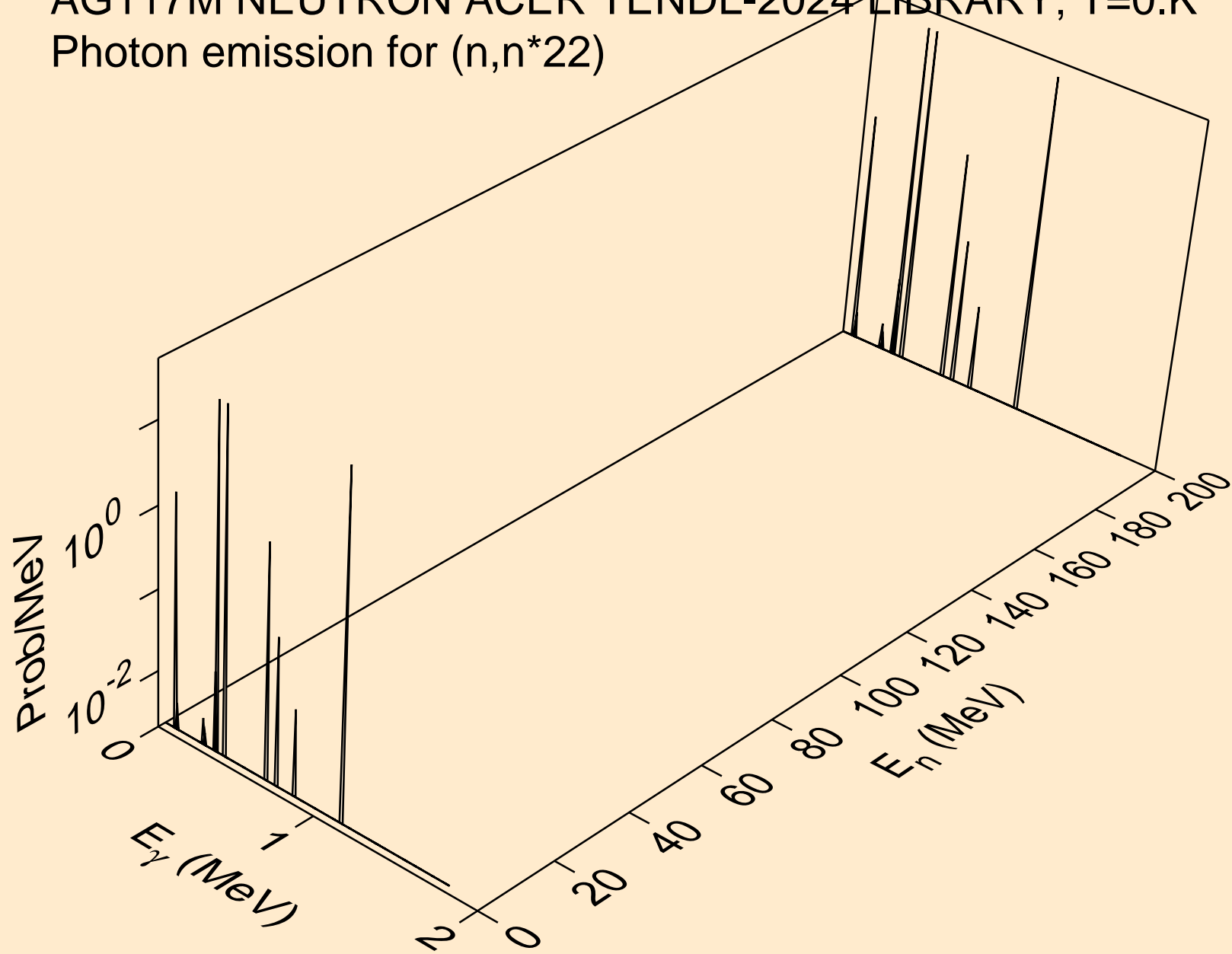


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Photon emission for (n,n\*21)

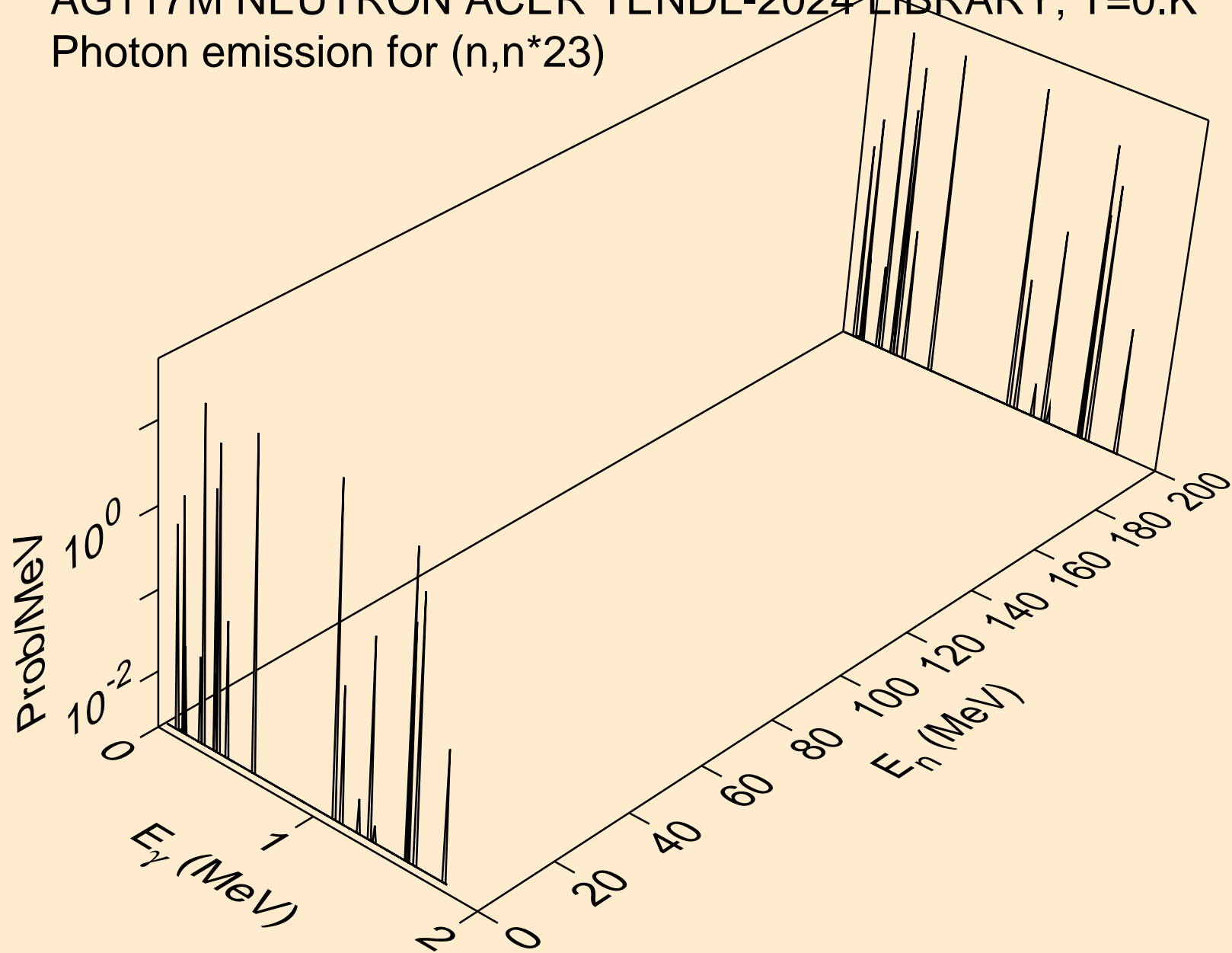




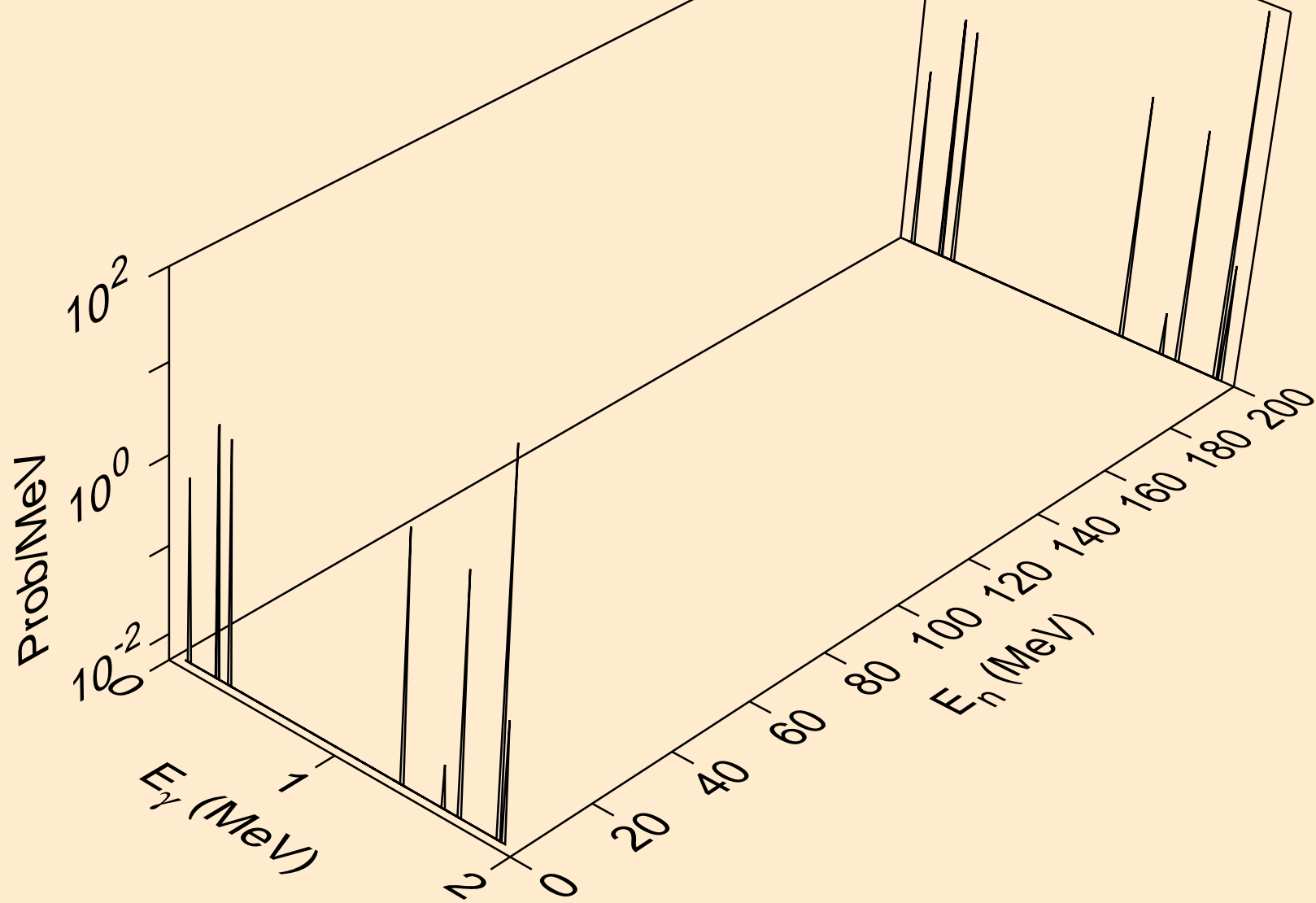
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Photon emission for (n,n\*22)



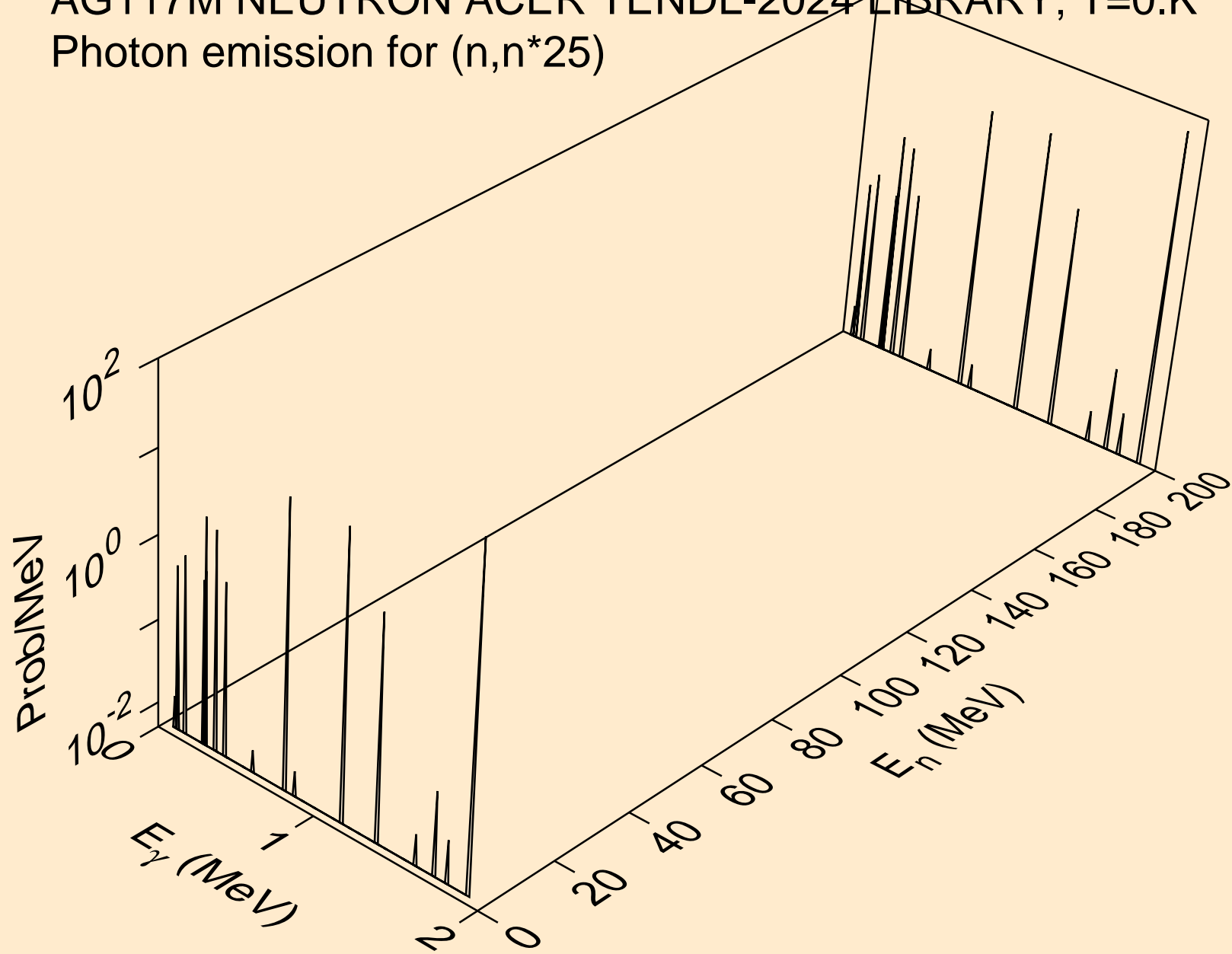
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Photon emission for (n,n\*23)



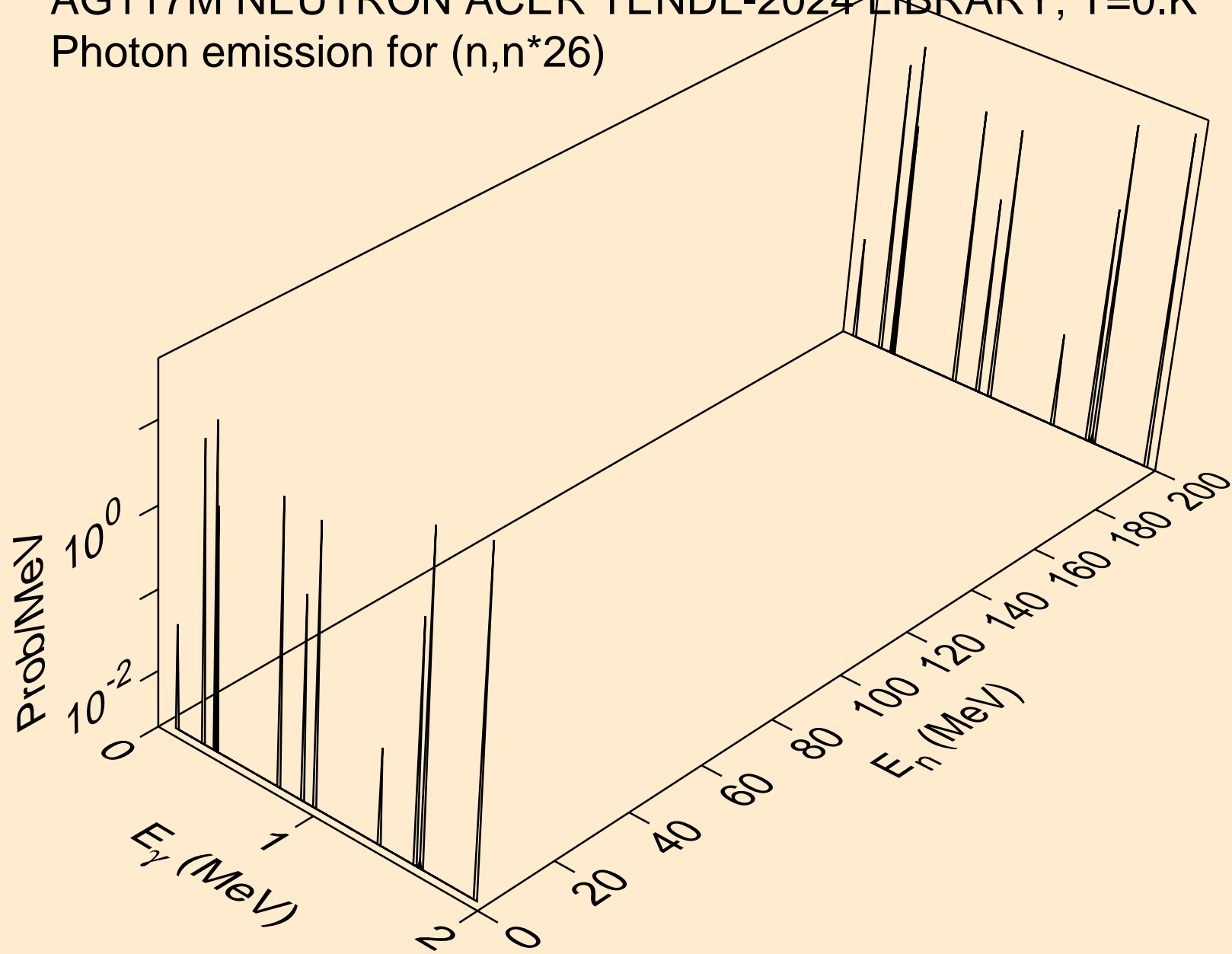
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Photon emission for (n,n\*24)



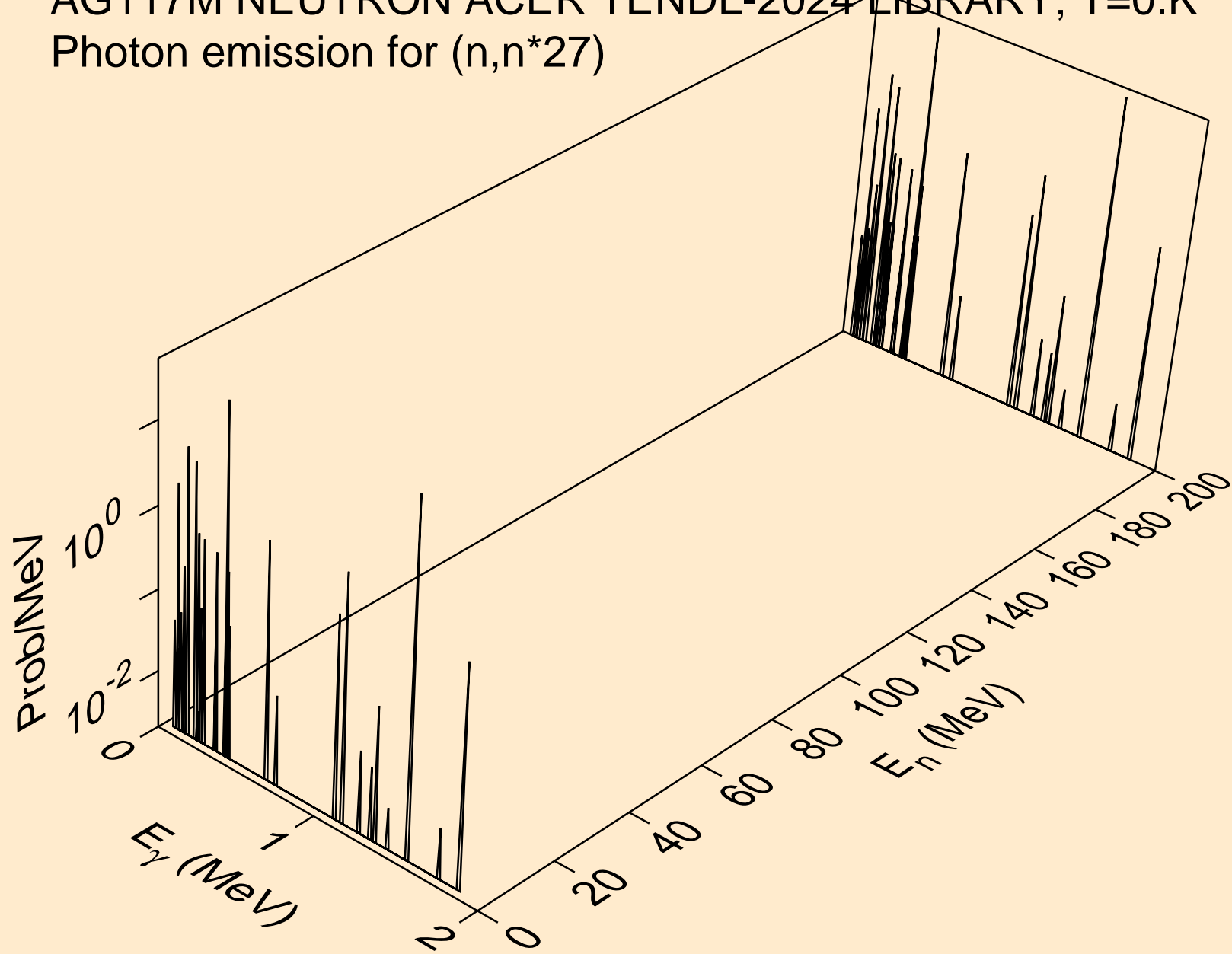
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Photon emission for (n,n\*25)



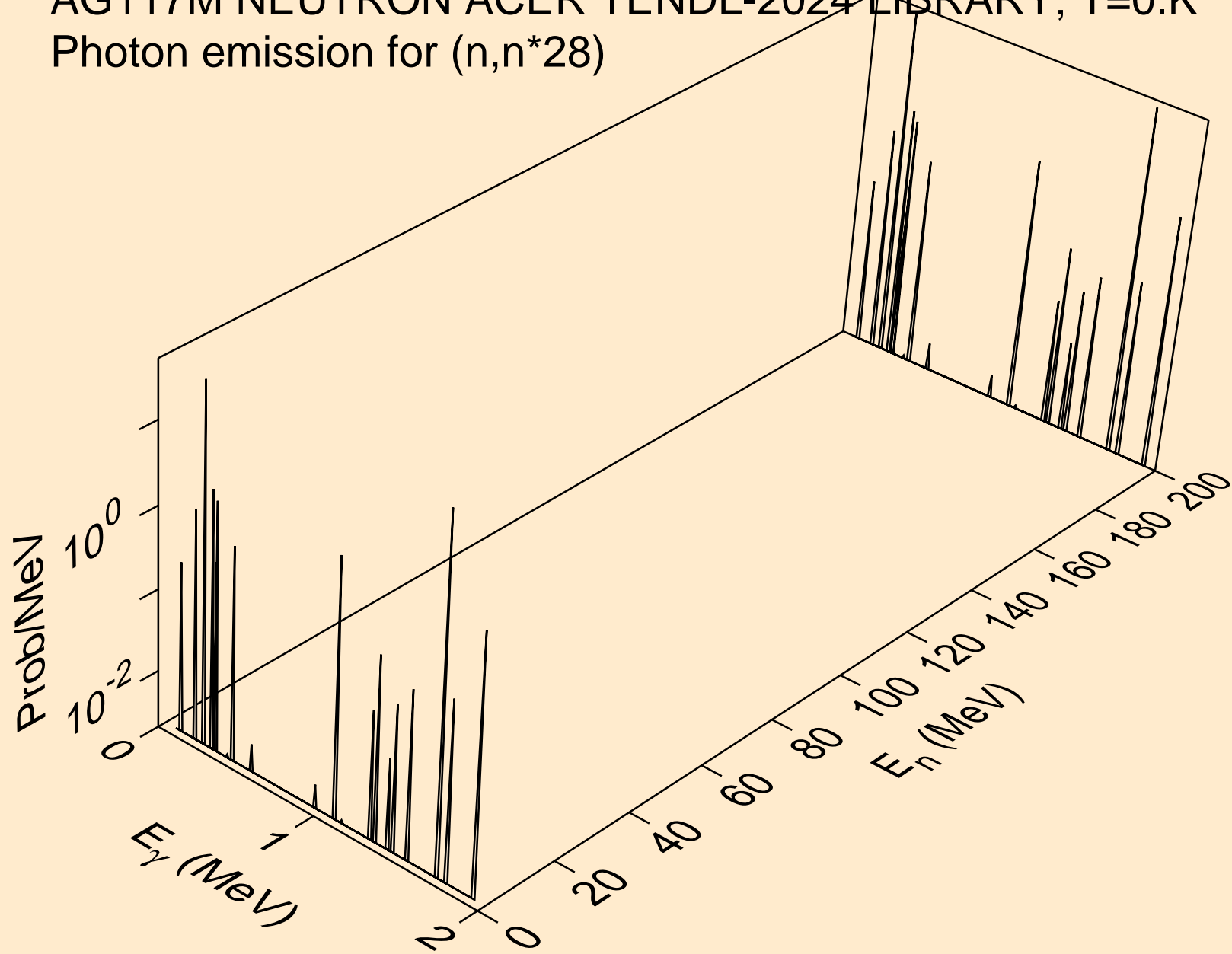
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Photon emission for (n,n\*26)



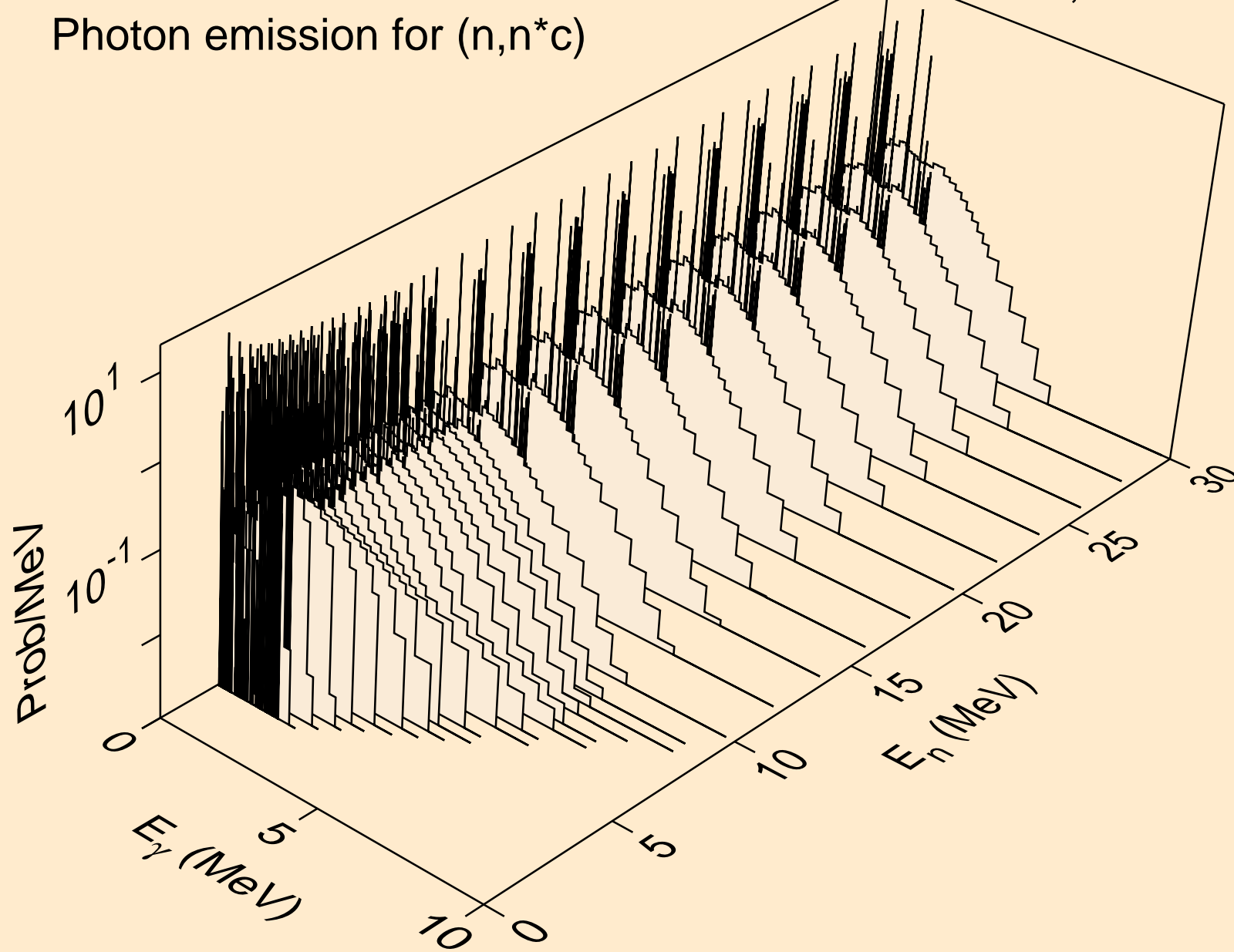
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*27)



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*28)

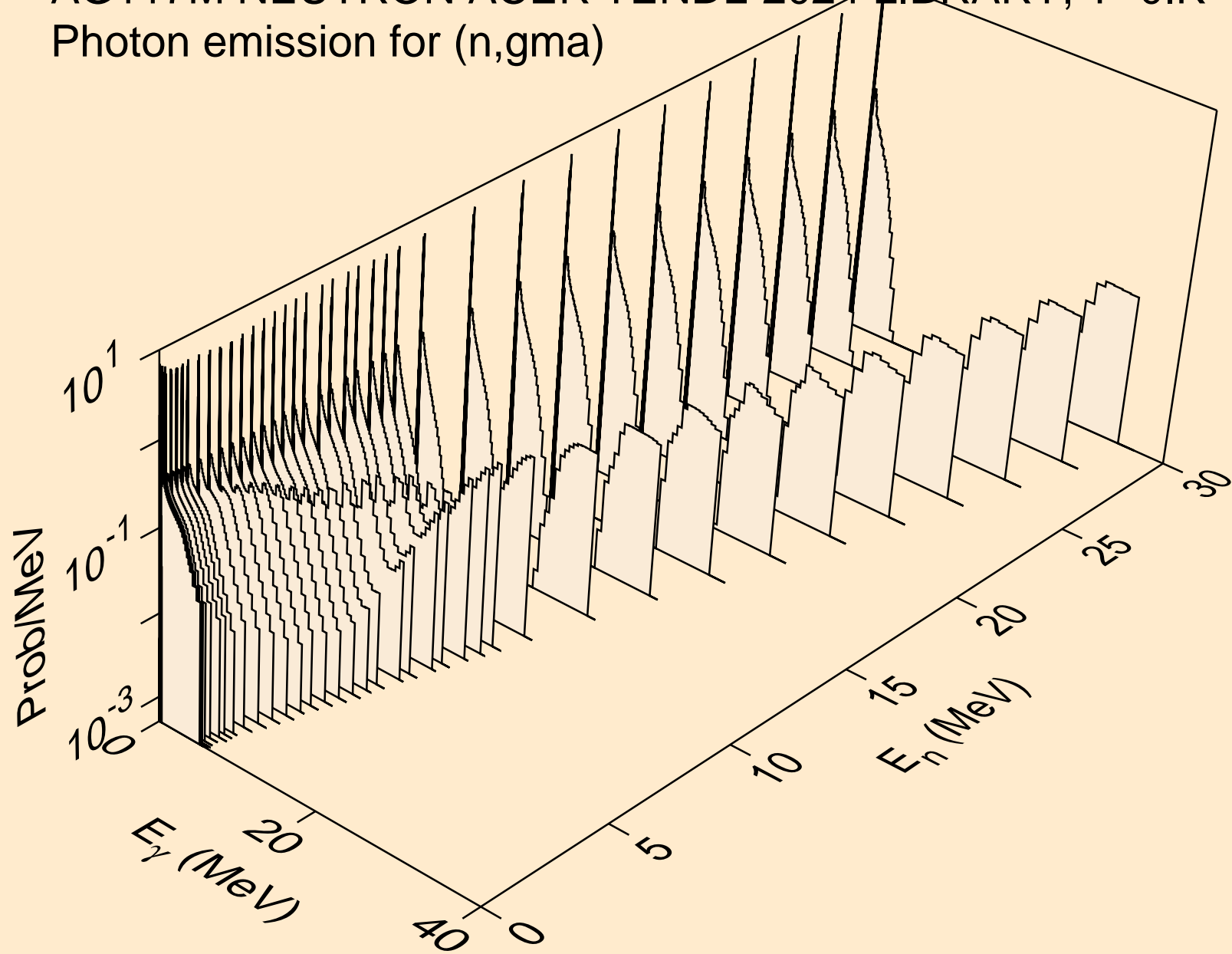


AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)

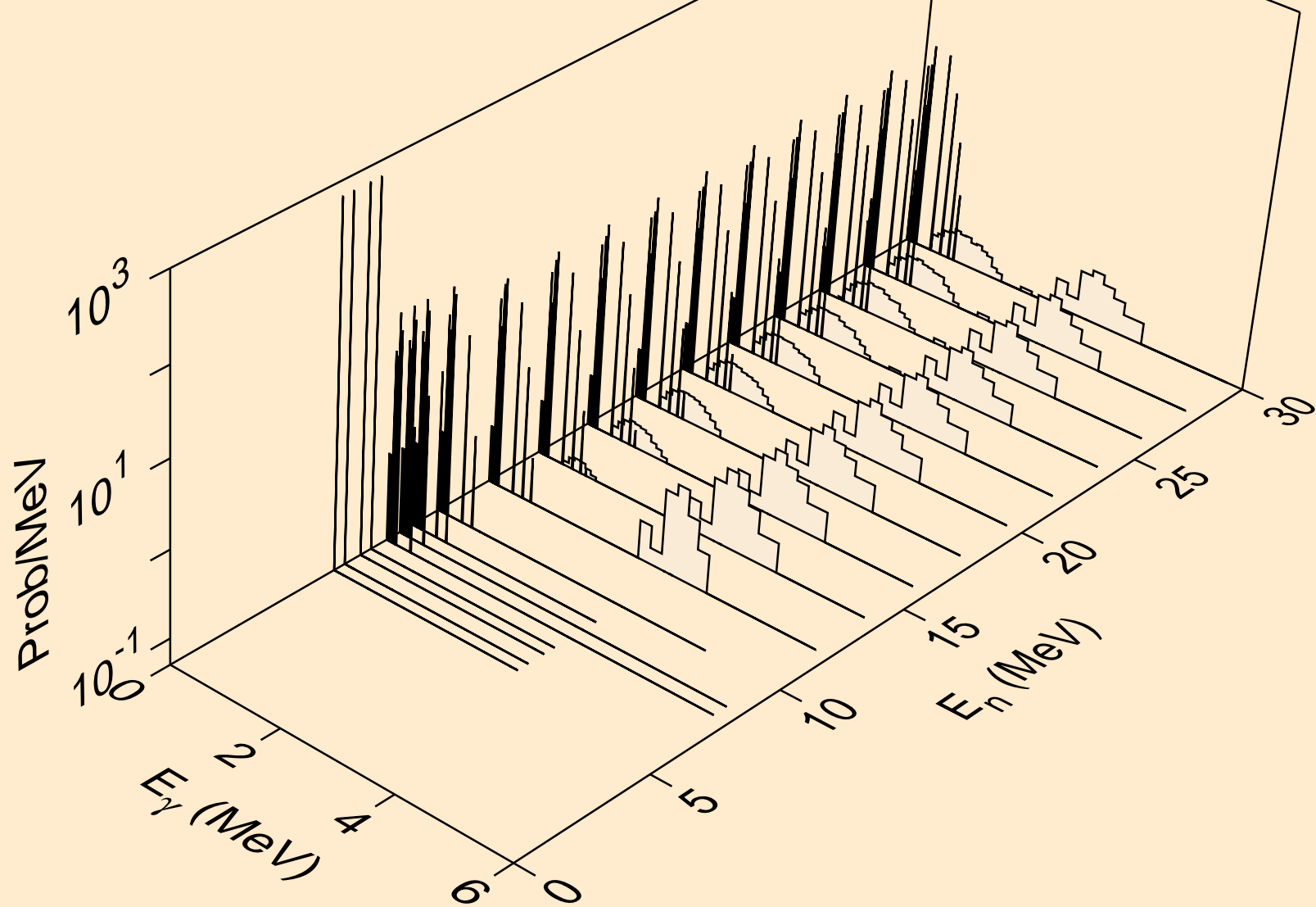




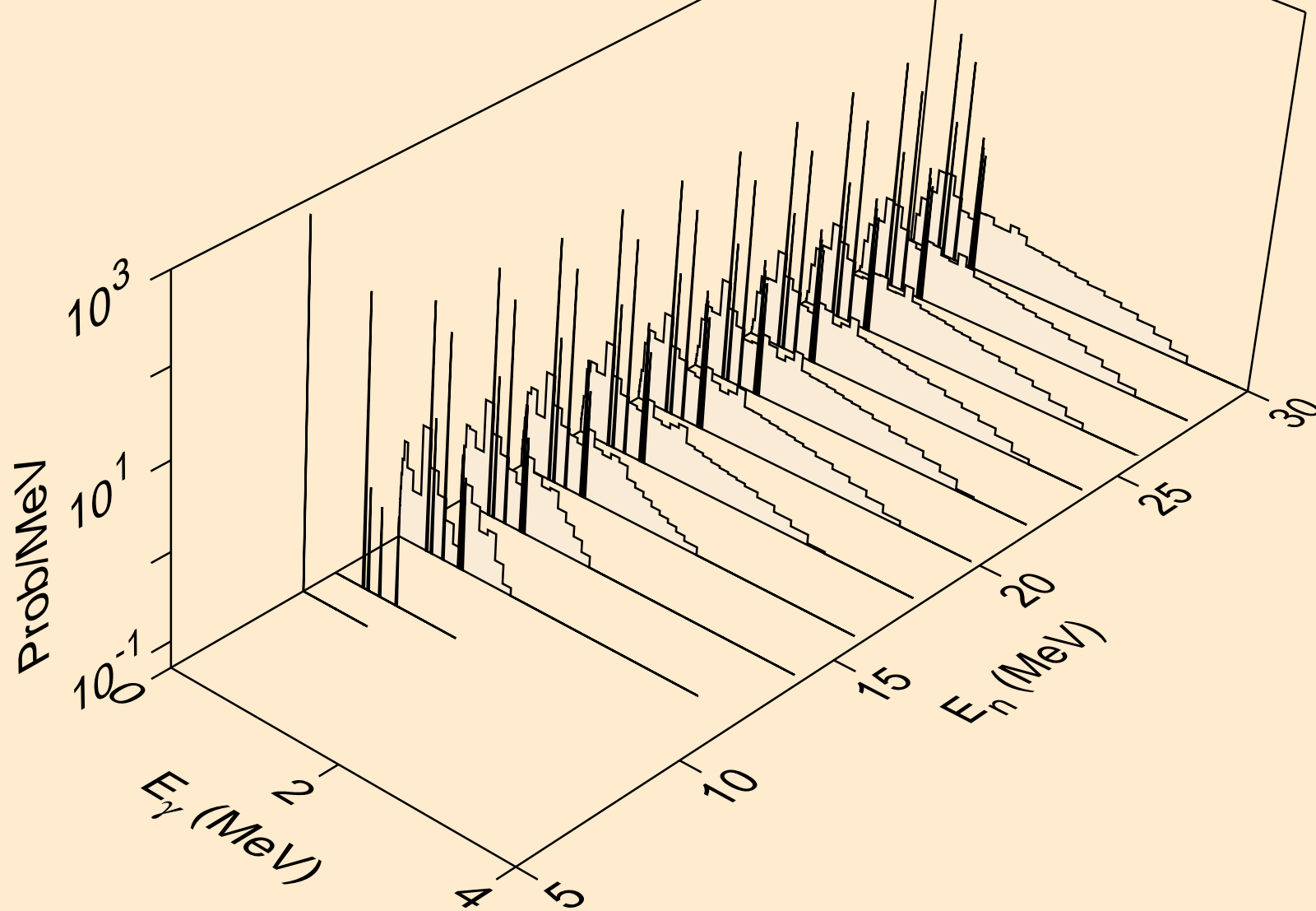
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Photon emission for (n,gma)



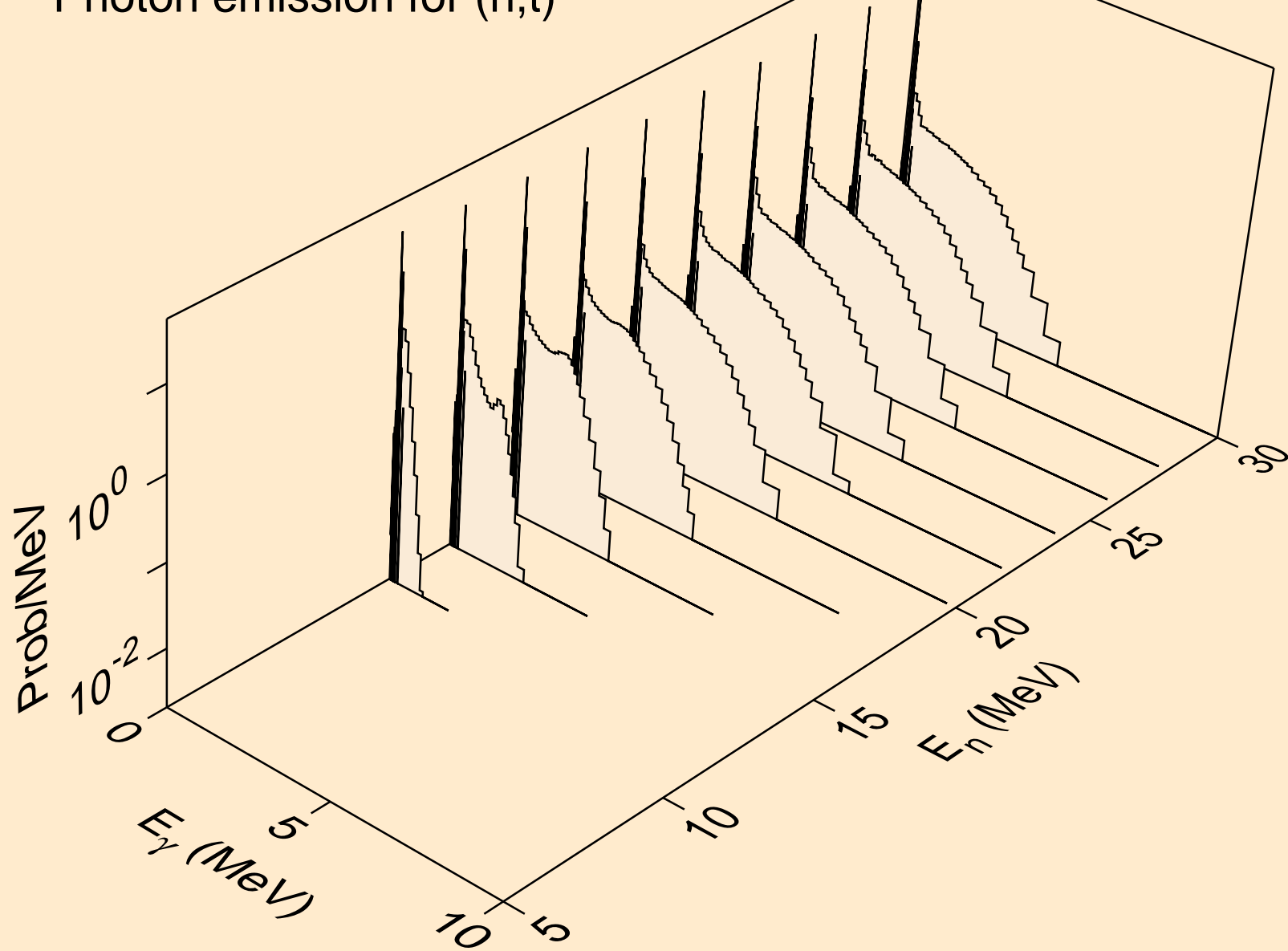
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Photon emission for (n,p)



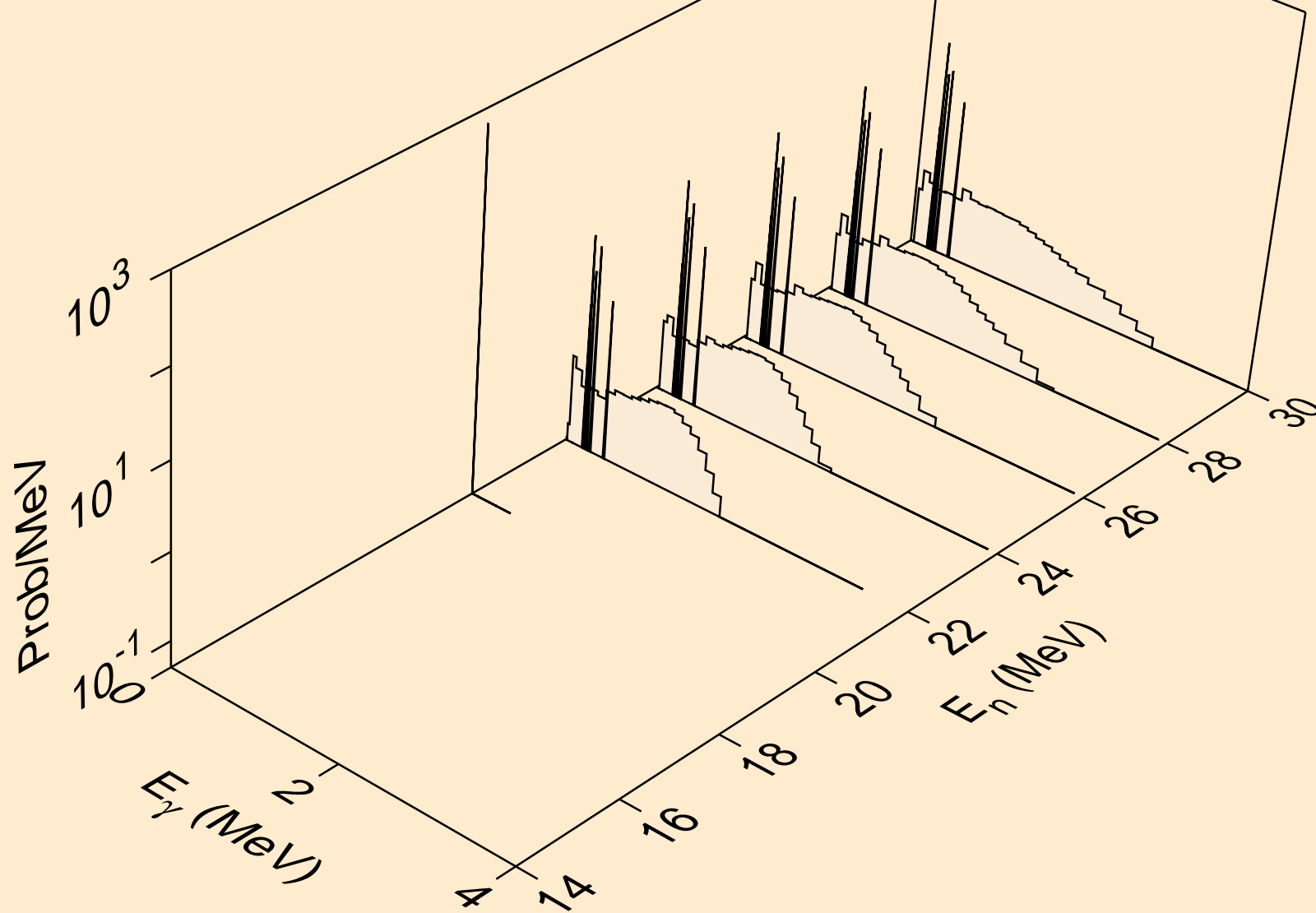
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Photon emission for (n,d)



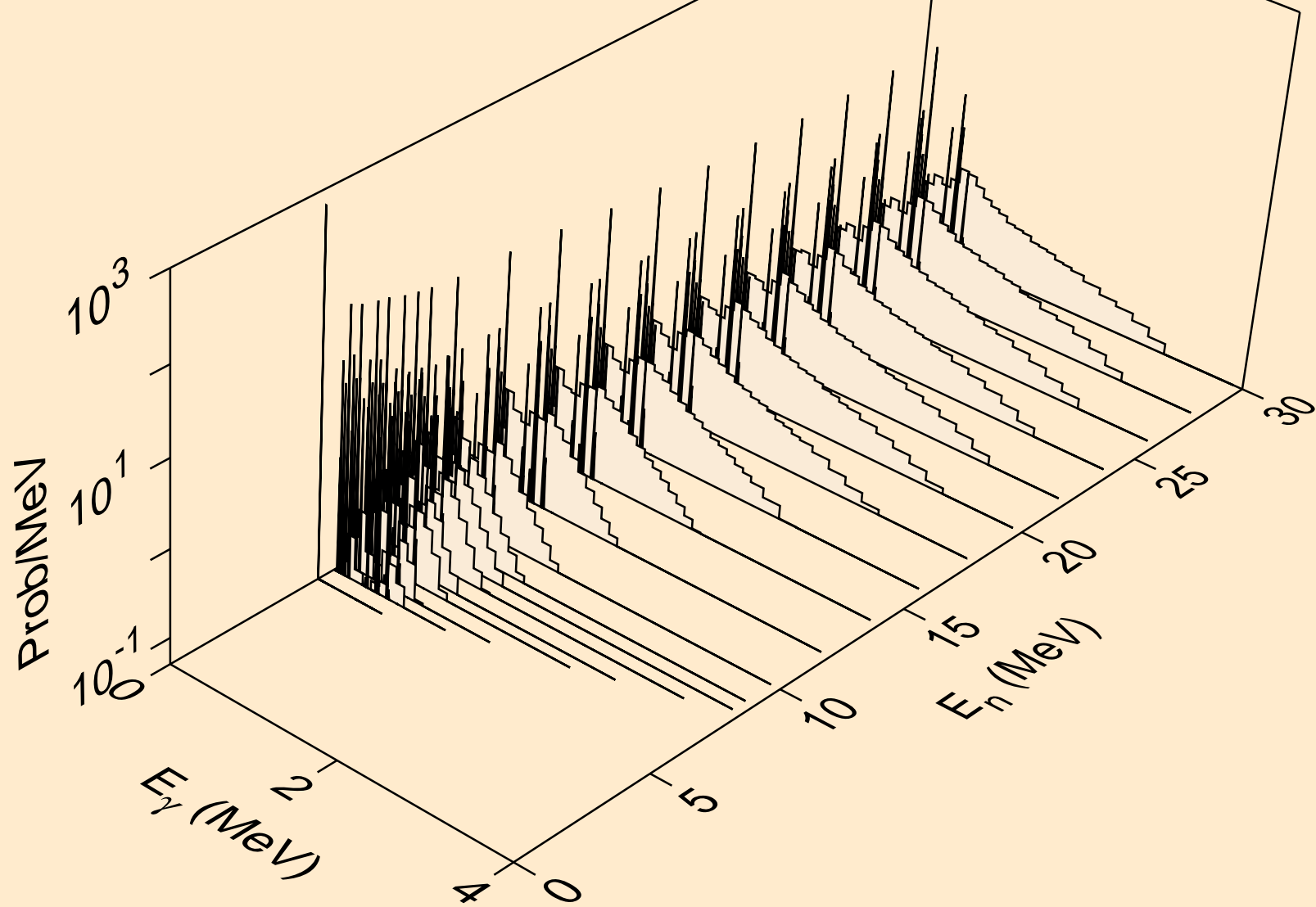
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Photon emission for (n,t)



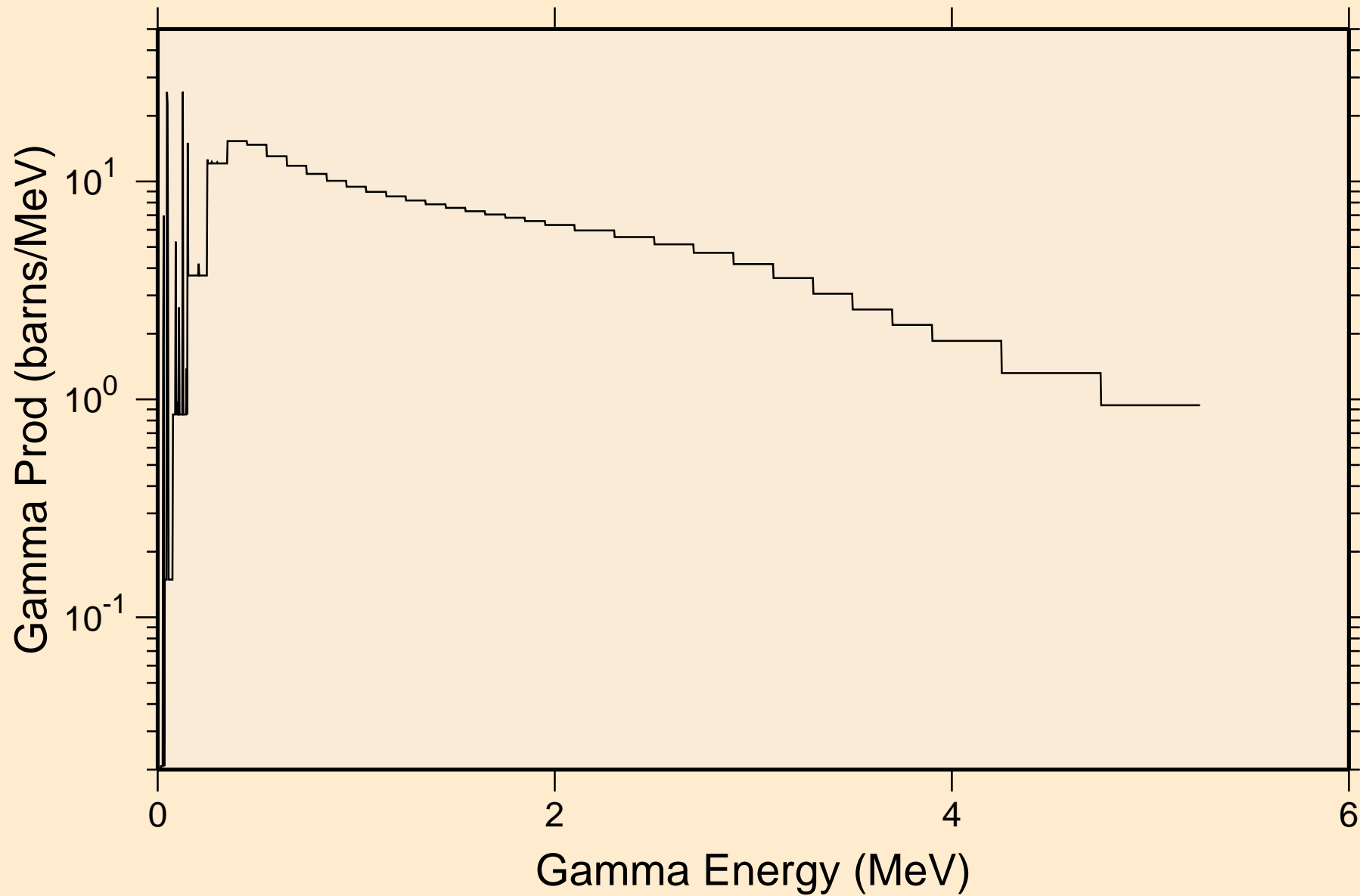
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Photon emission for (n,he3)



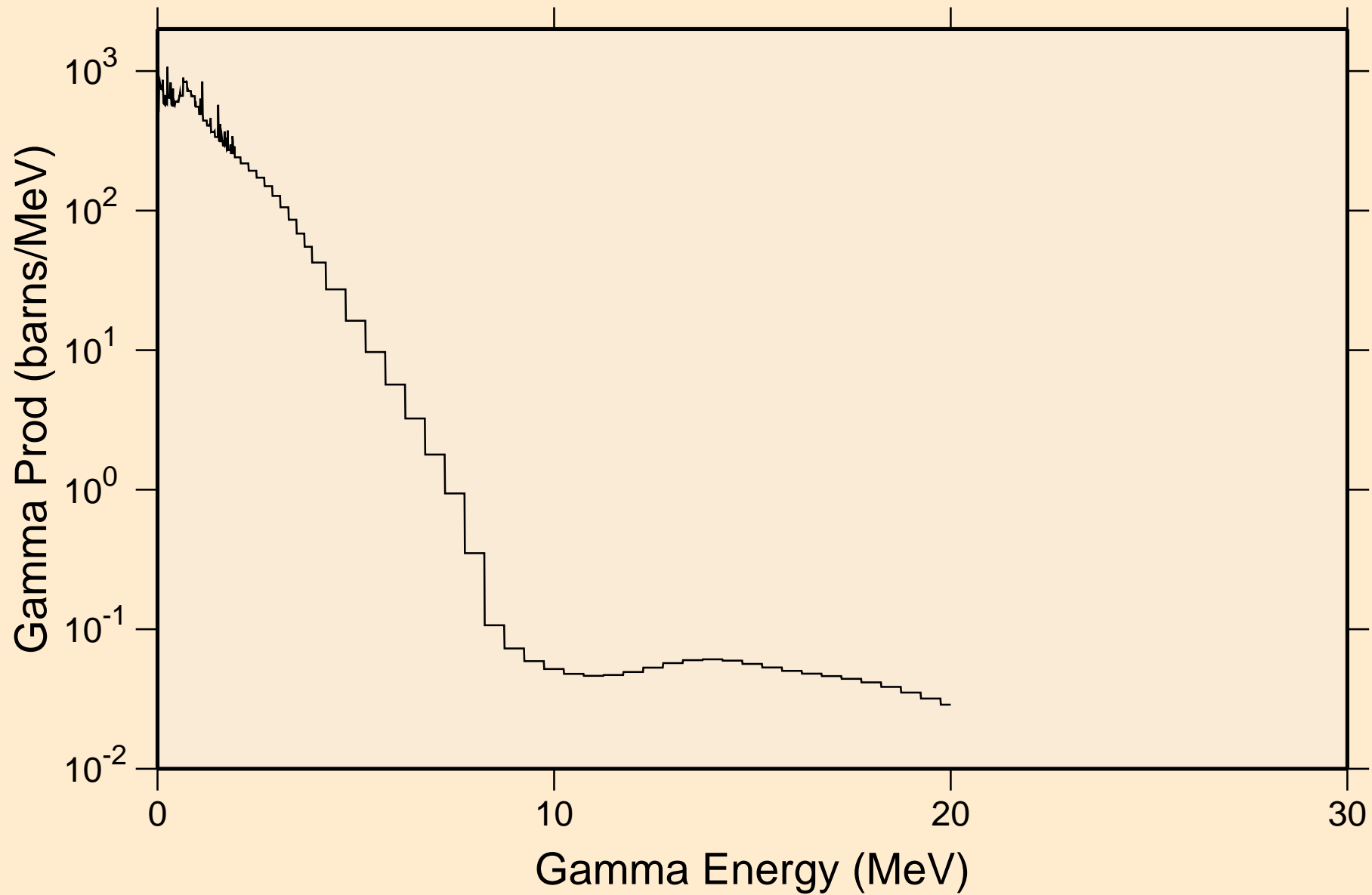
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



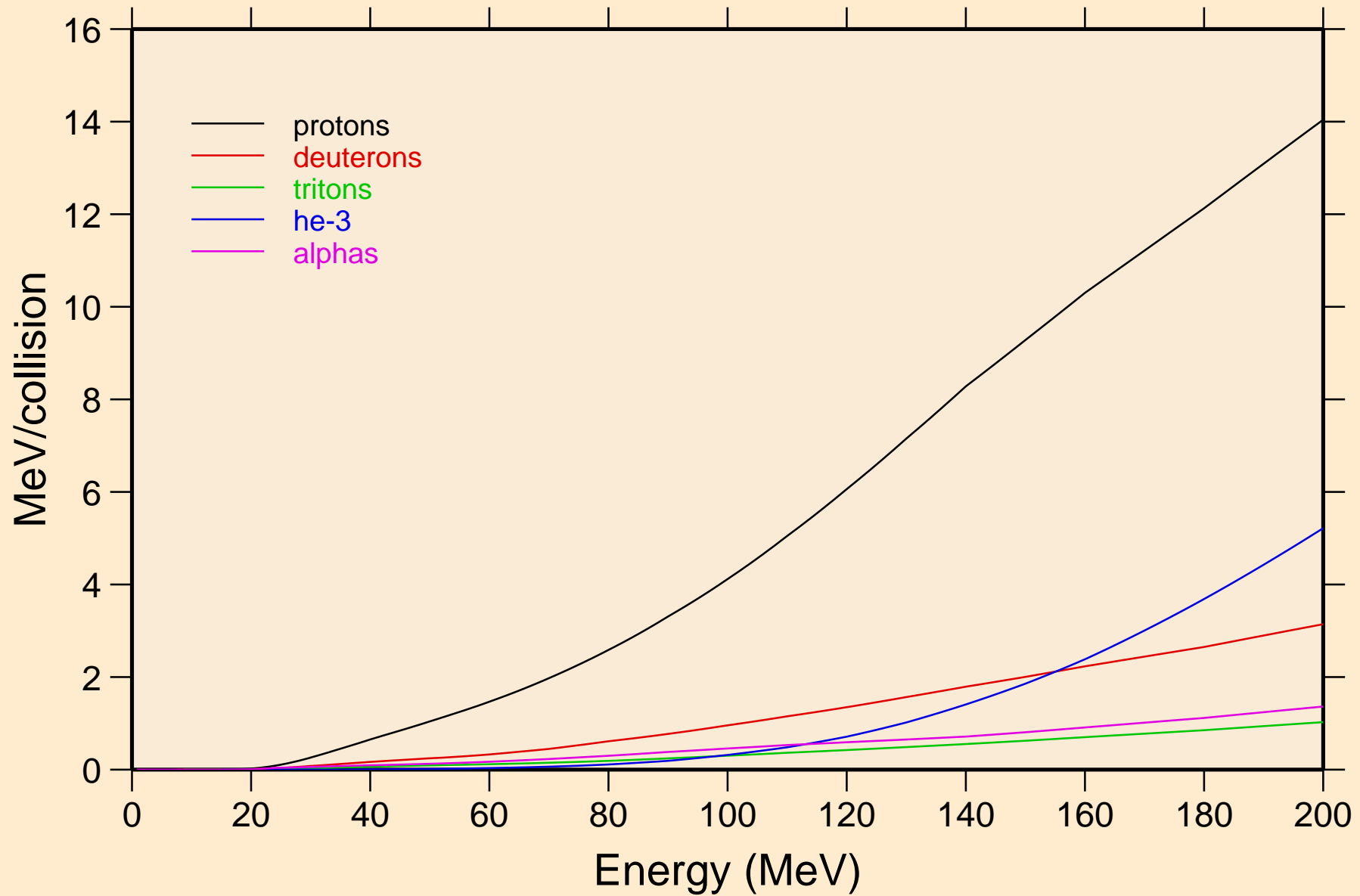
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum





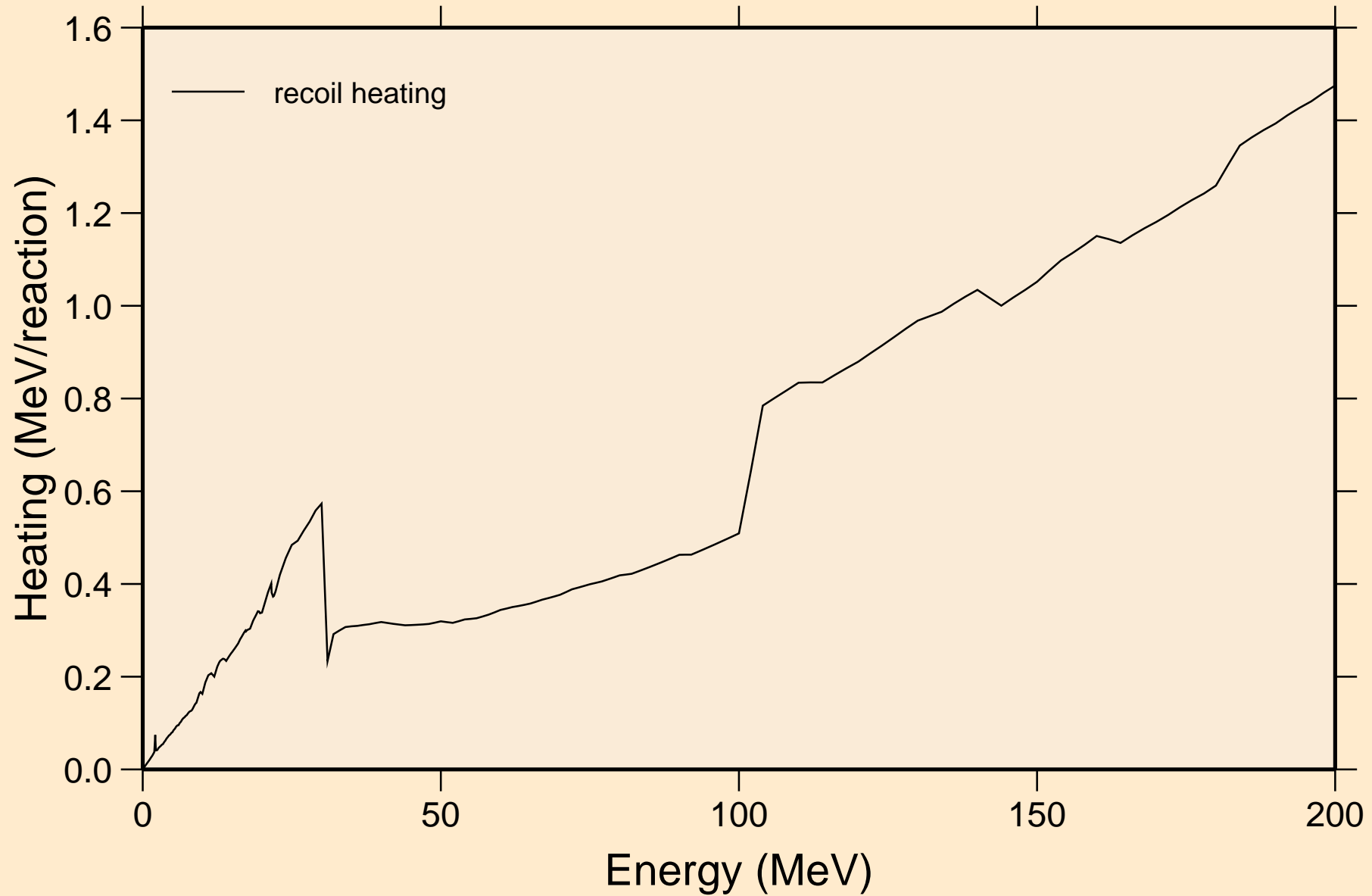
# AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



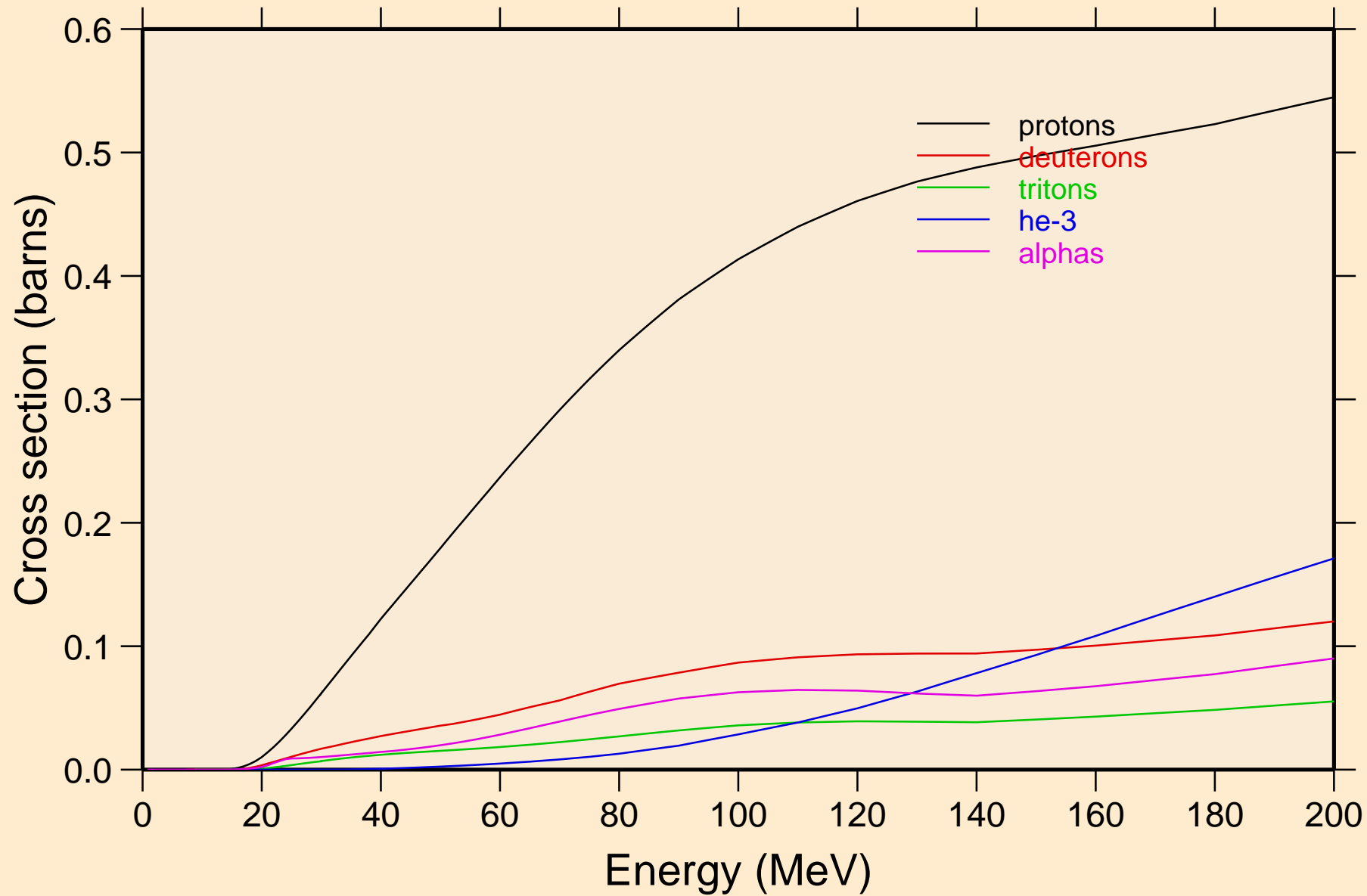
# AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating

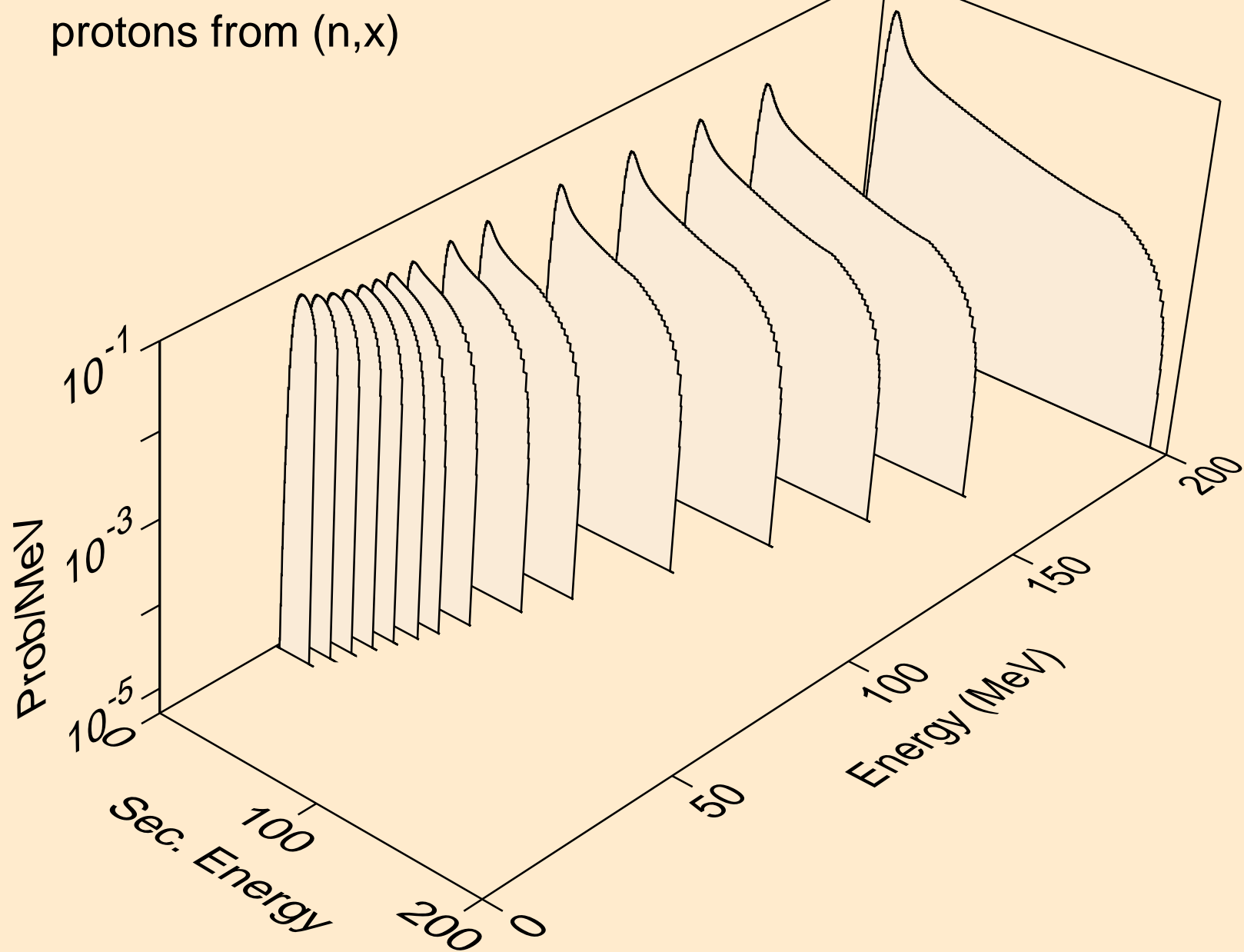


# AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

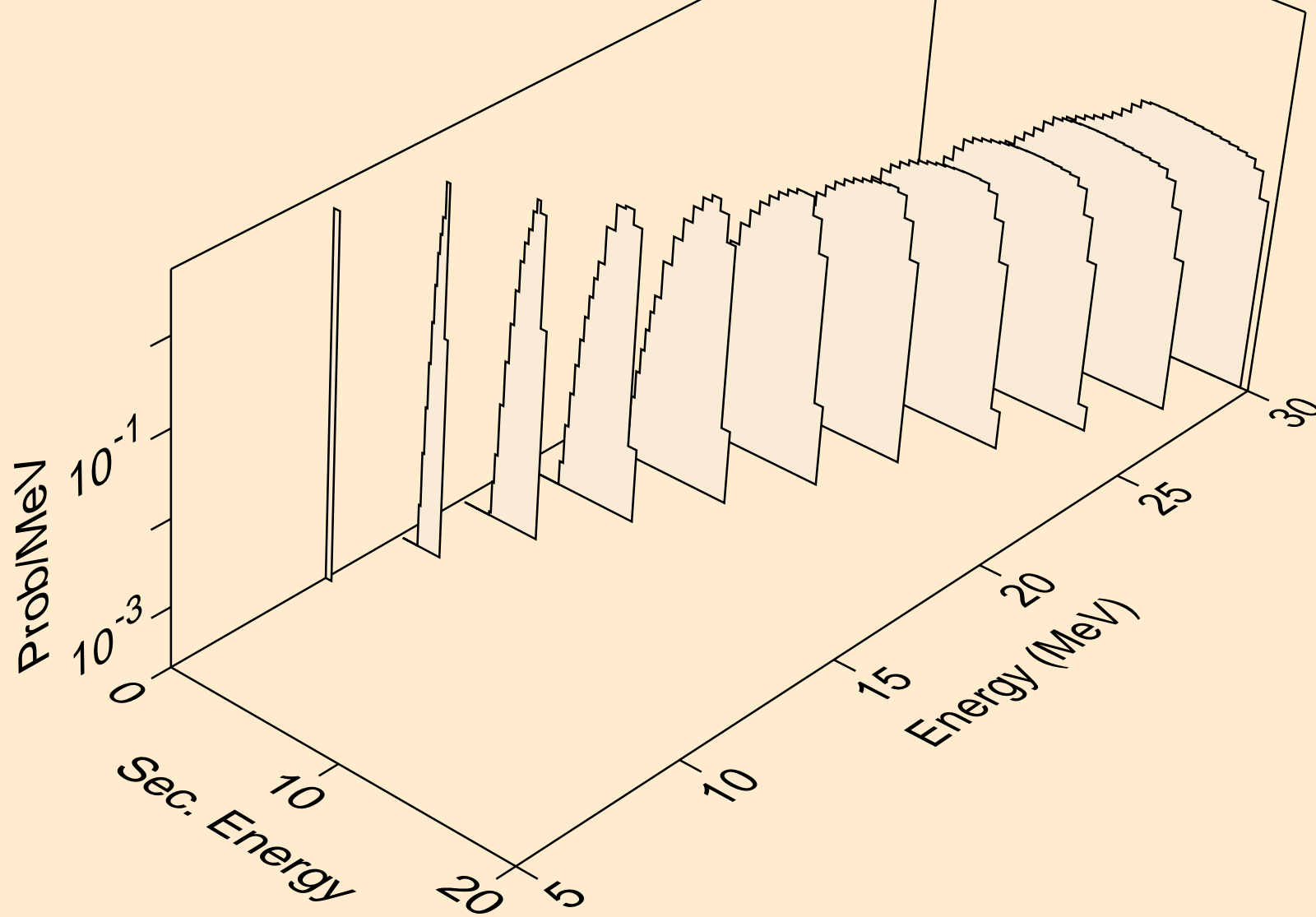
## Particle production cross sections



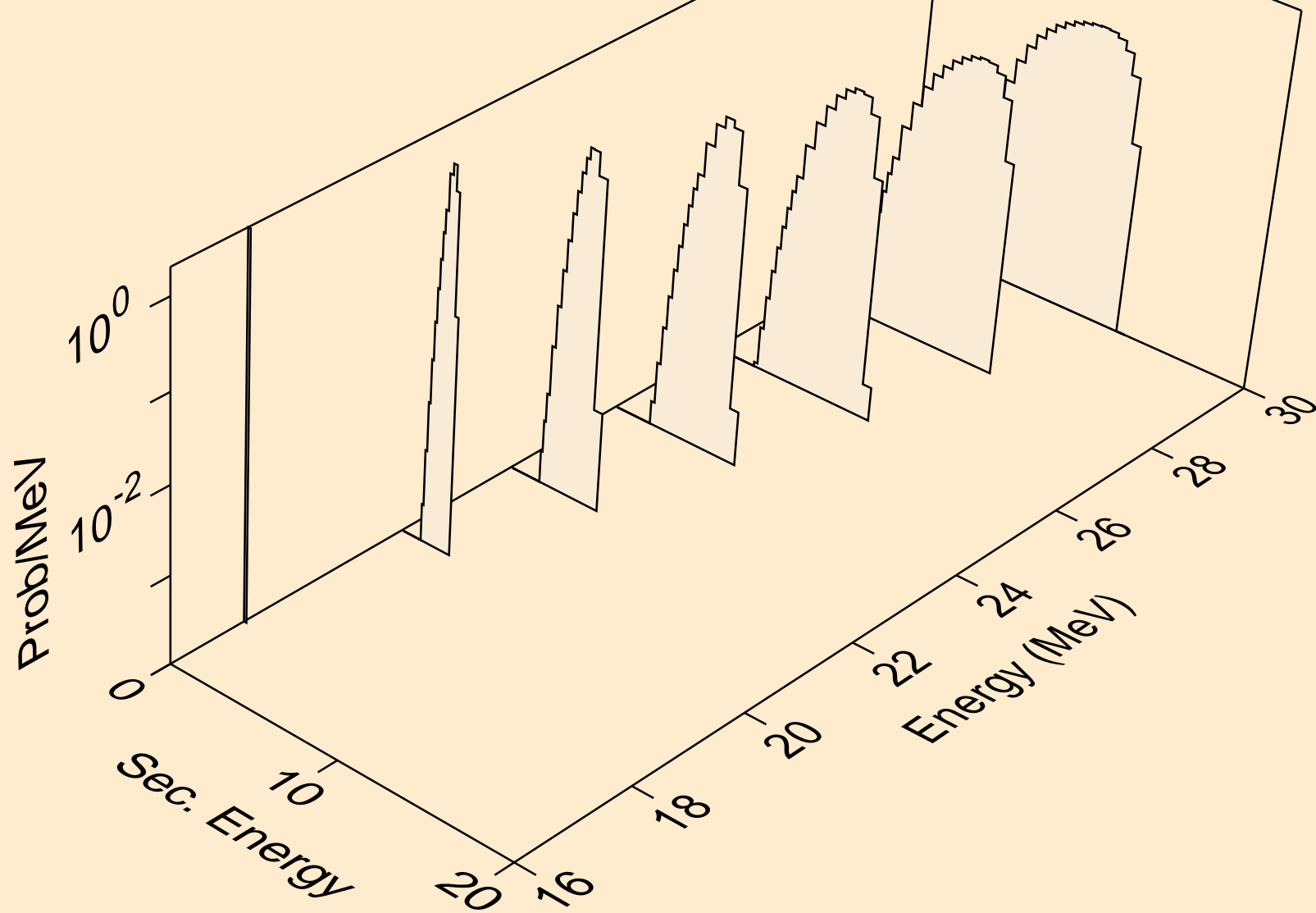
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



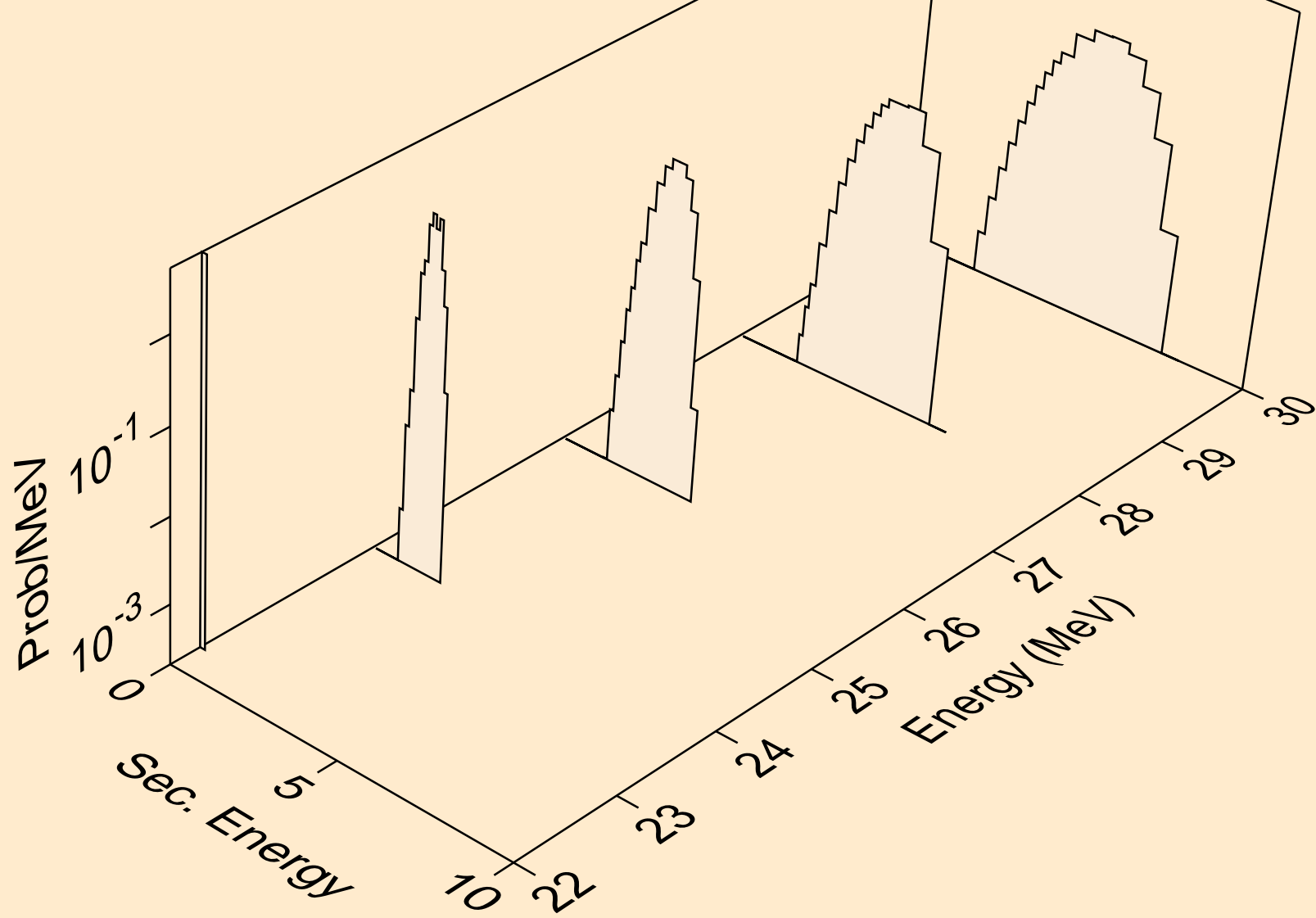
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protons from (n,n\*)p



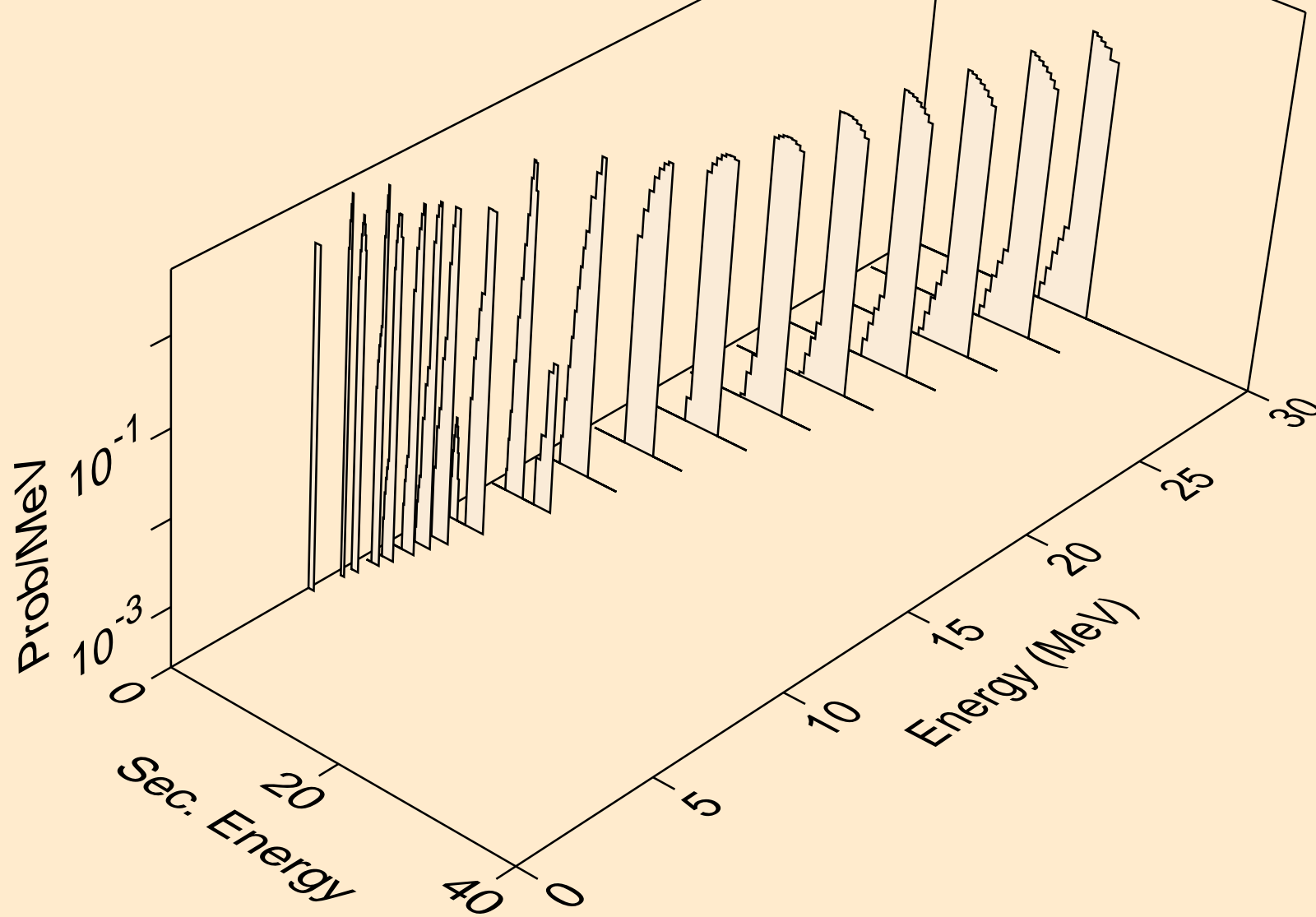
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protons from (n,2np)



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)

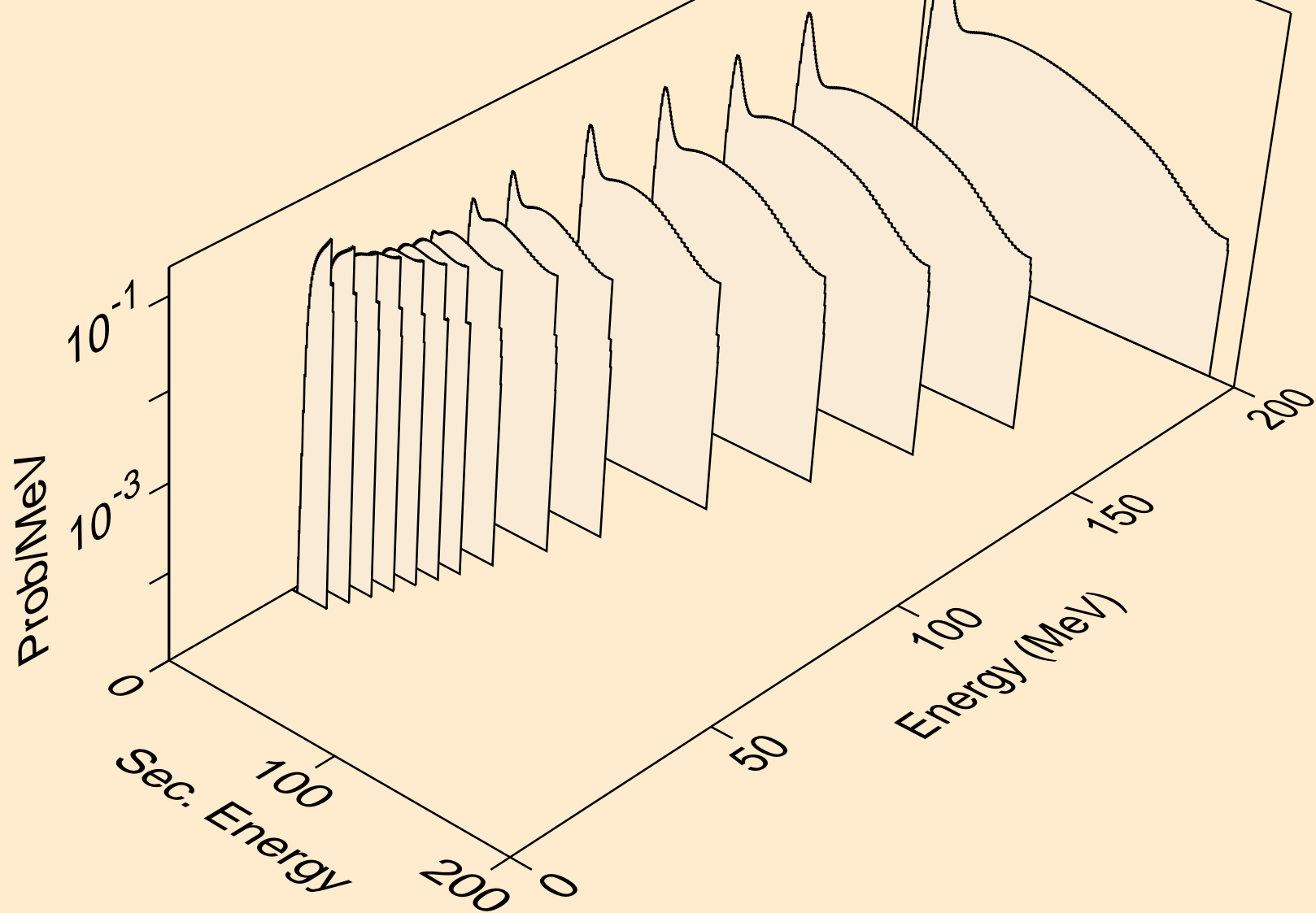


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protons from (n,p)

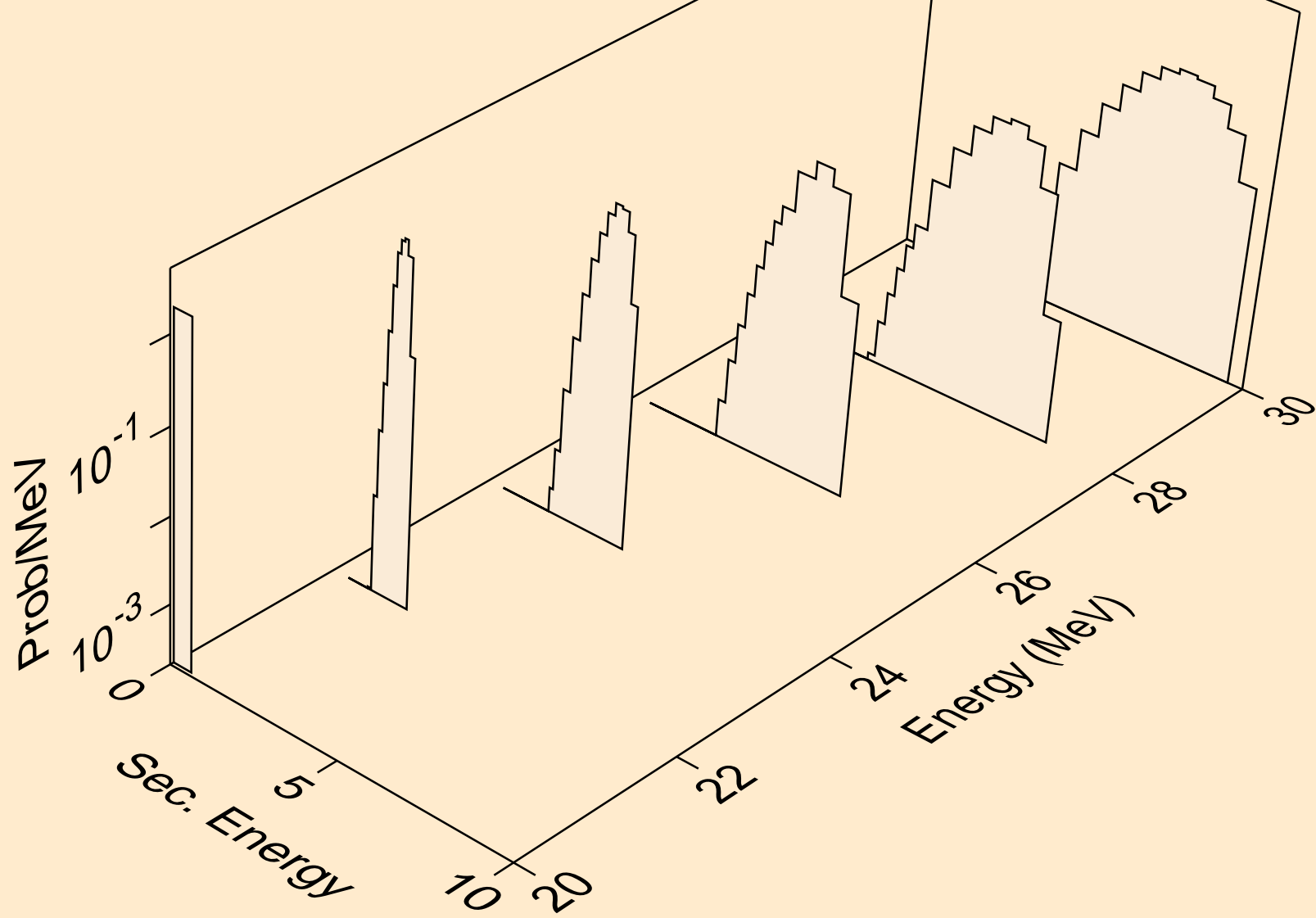




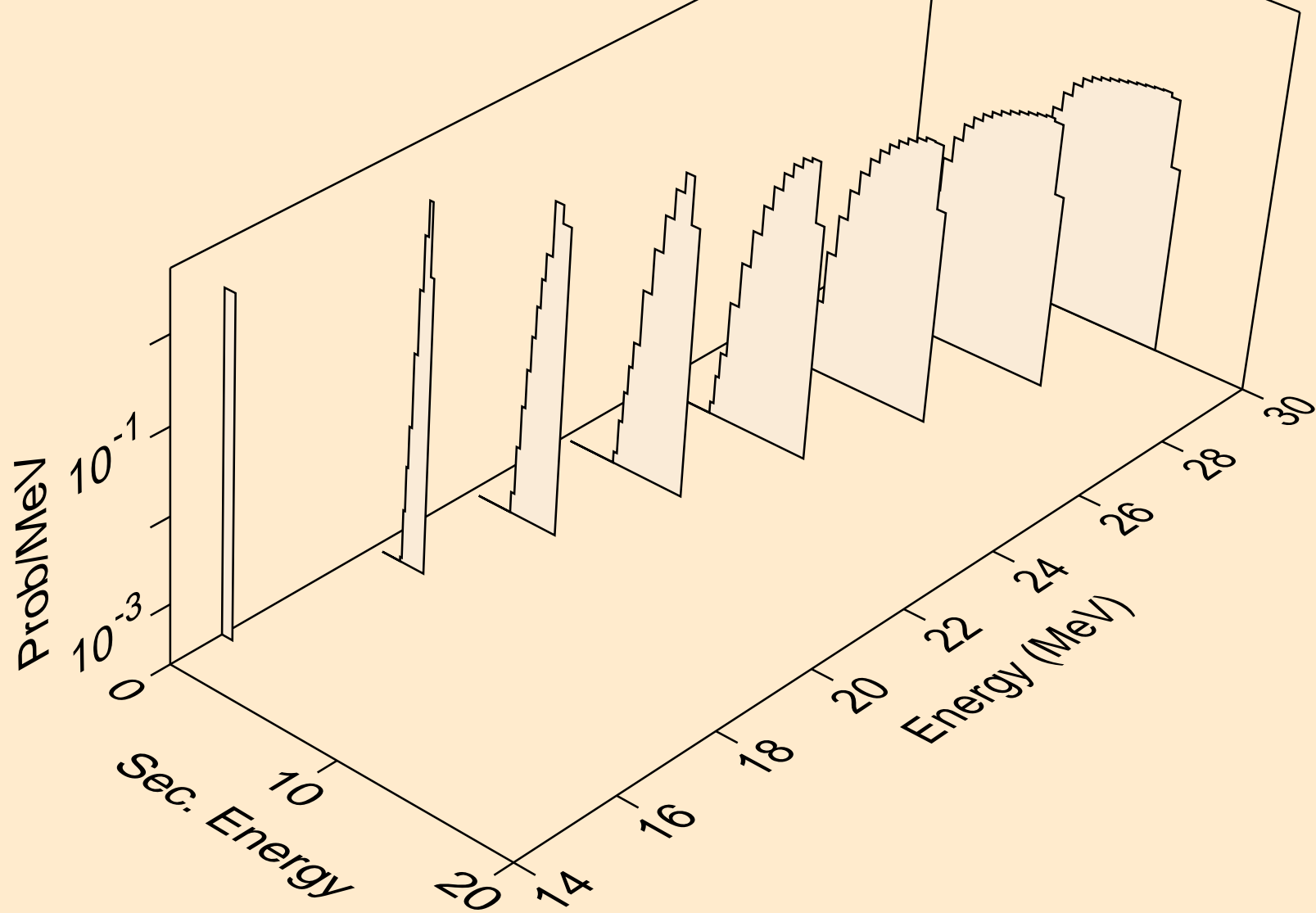
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deuterons from (n,x)



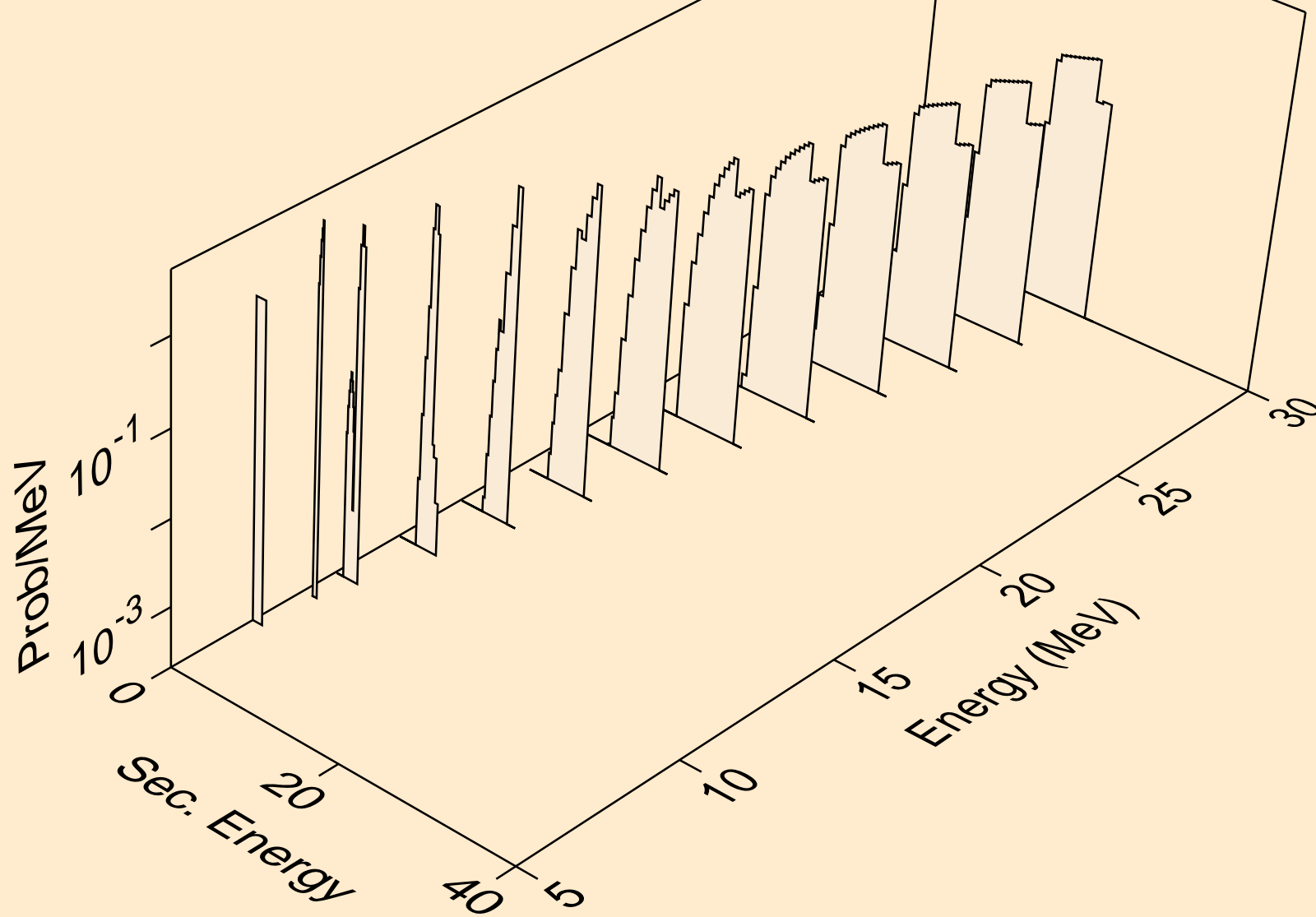
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deuterons from (n,2nd)



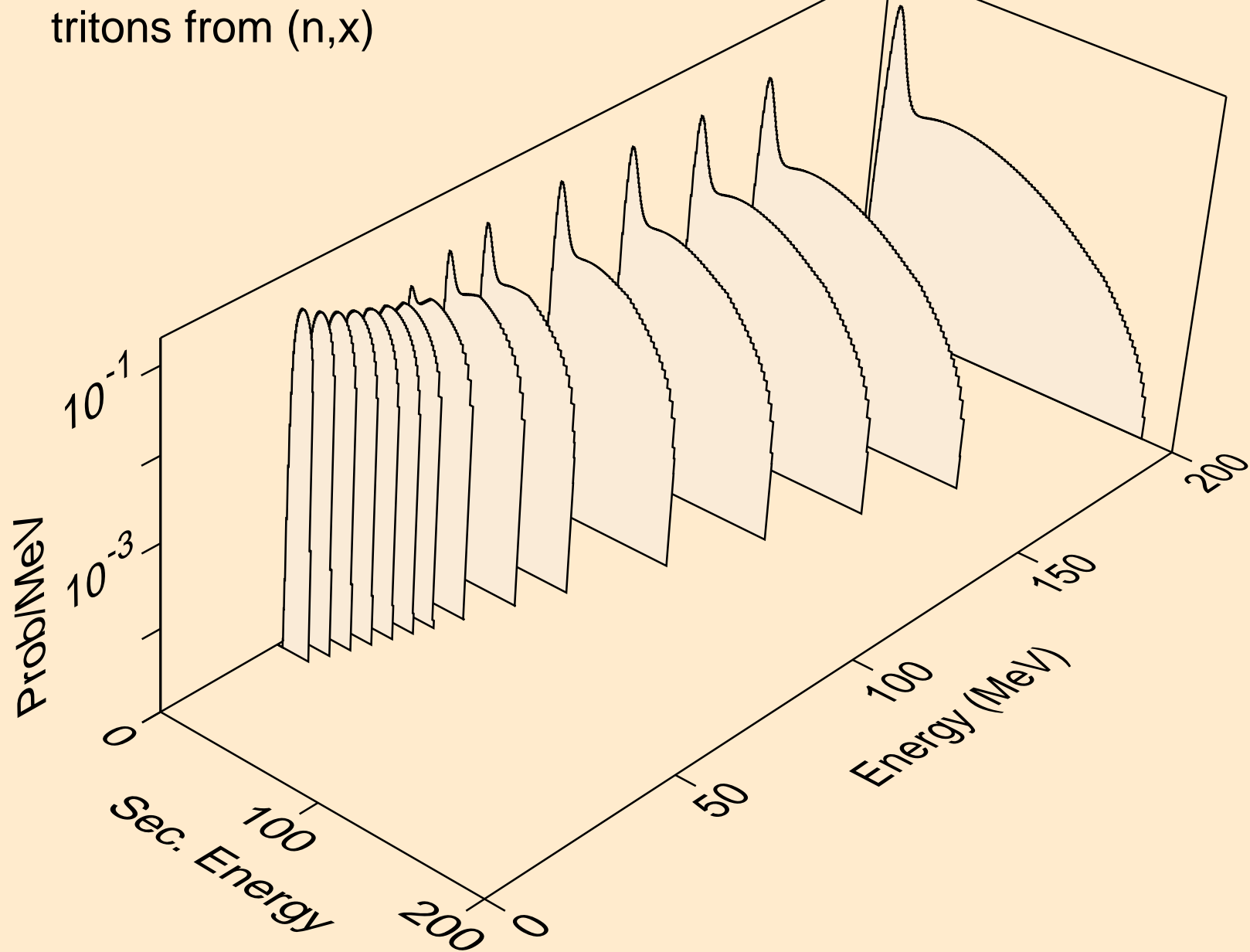
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deuterons from (n,n\*)d



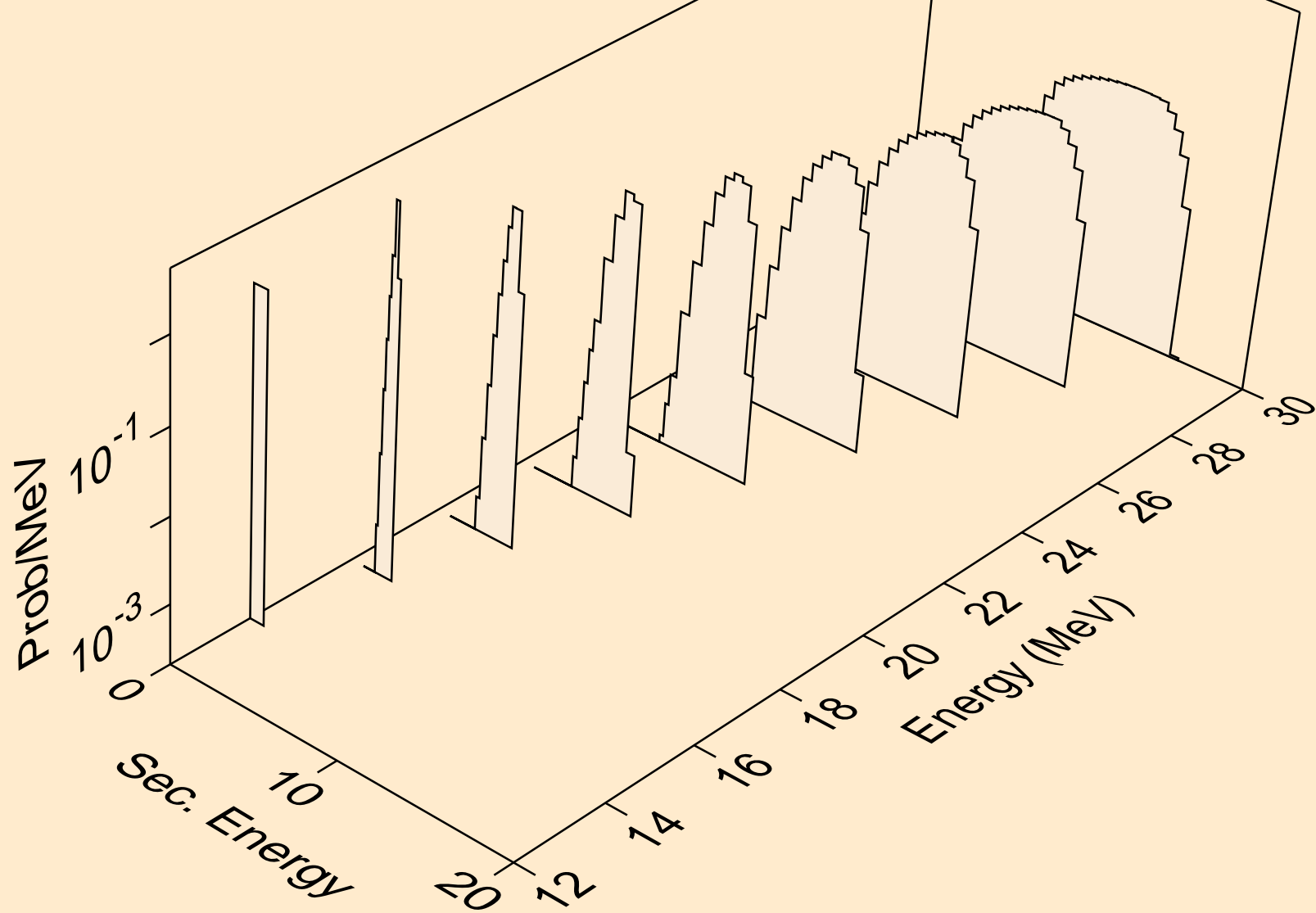
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deuterons from (n,d)



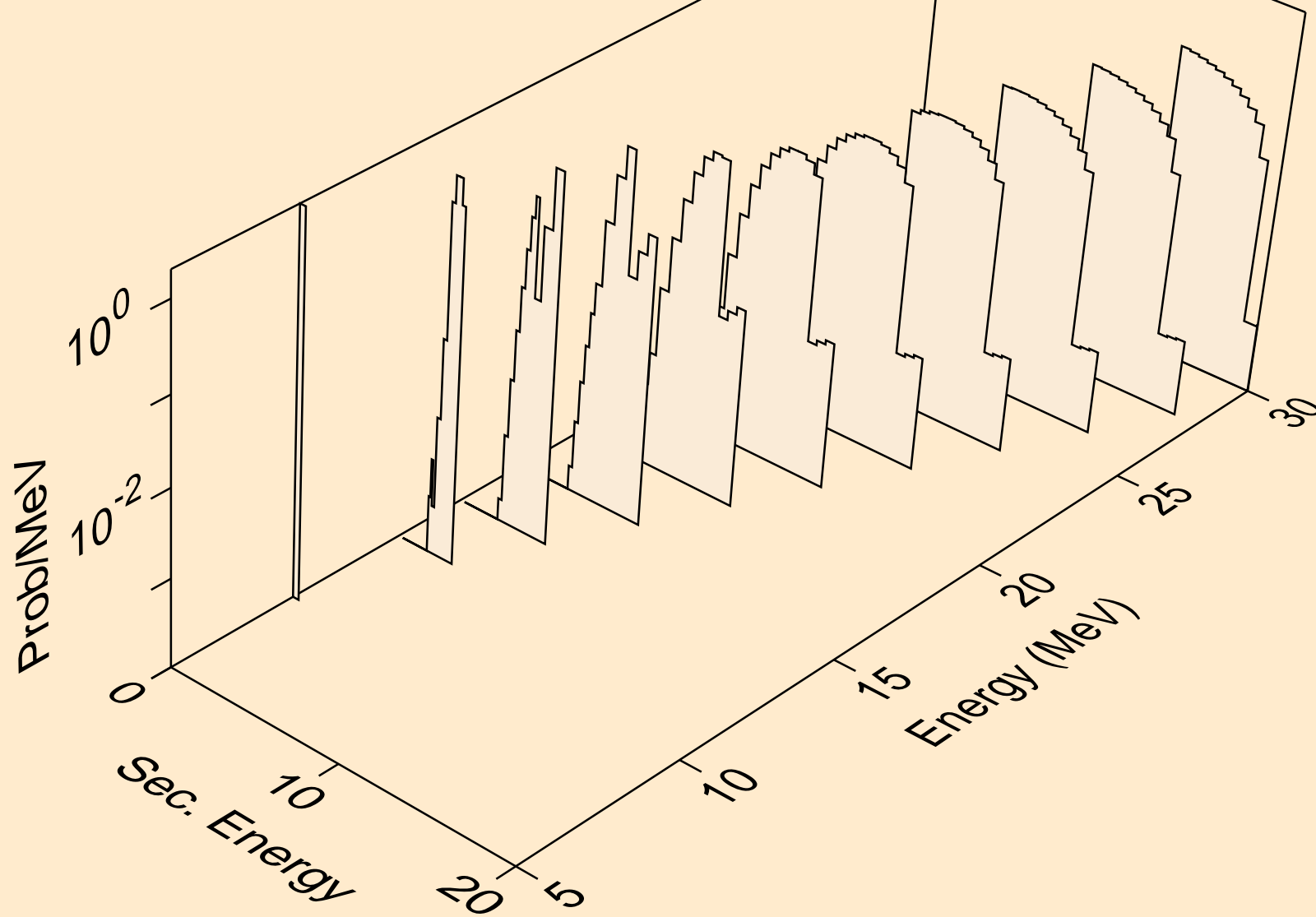
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



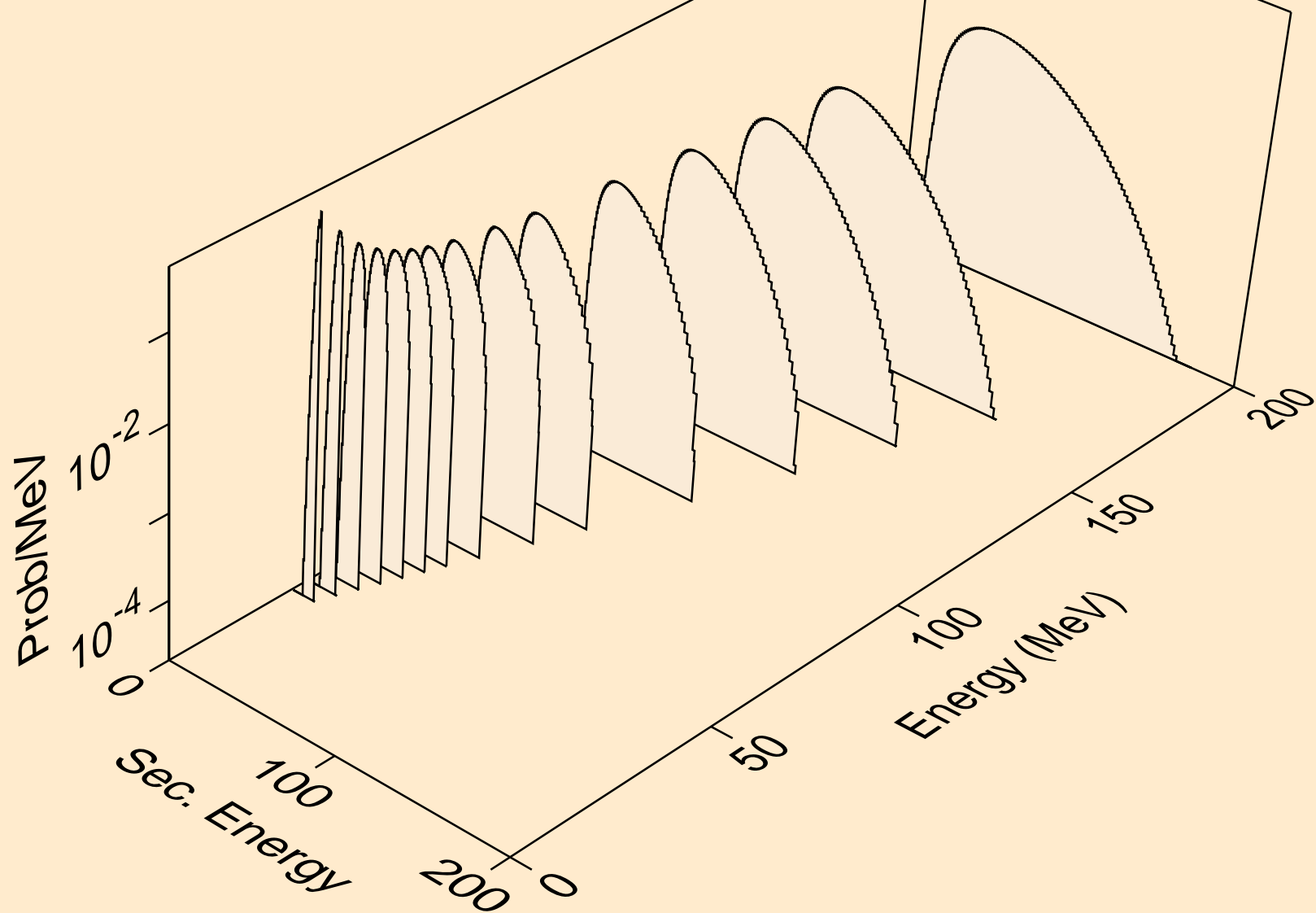
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

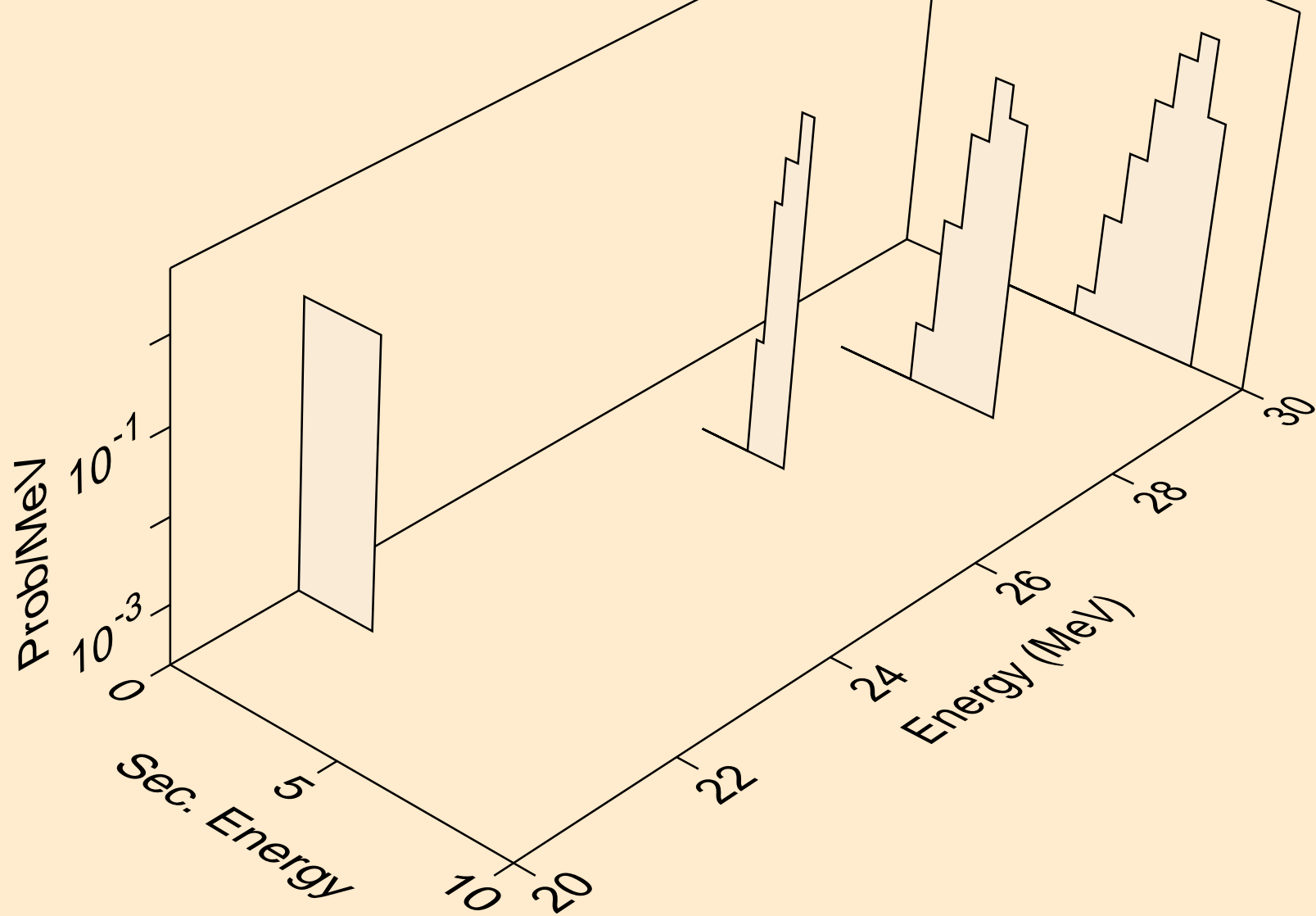


AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

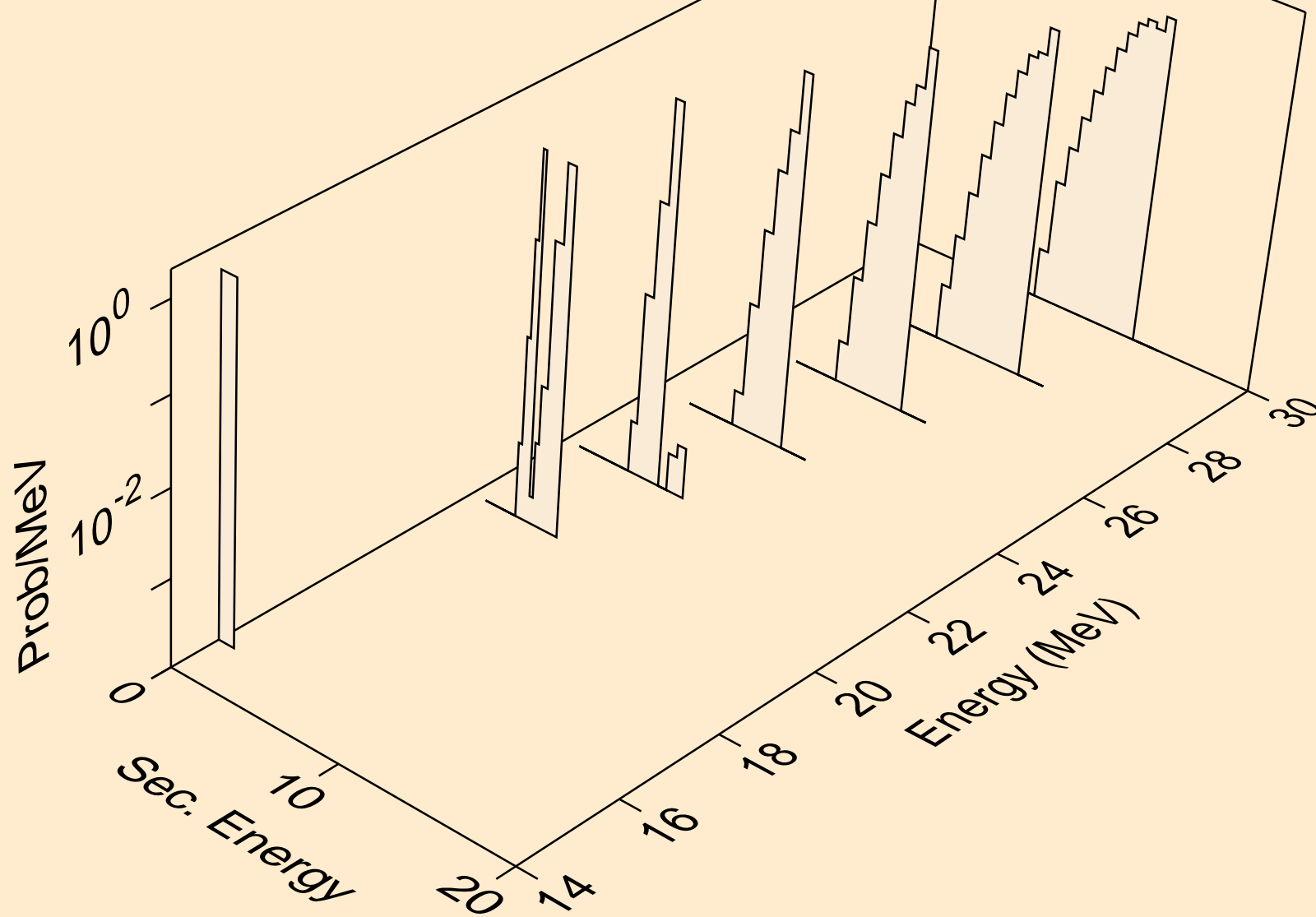




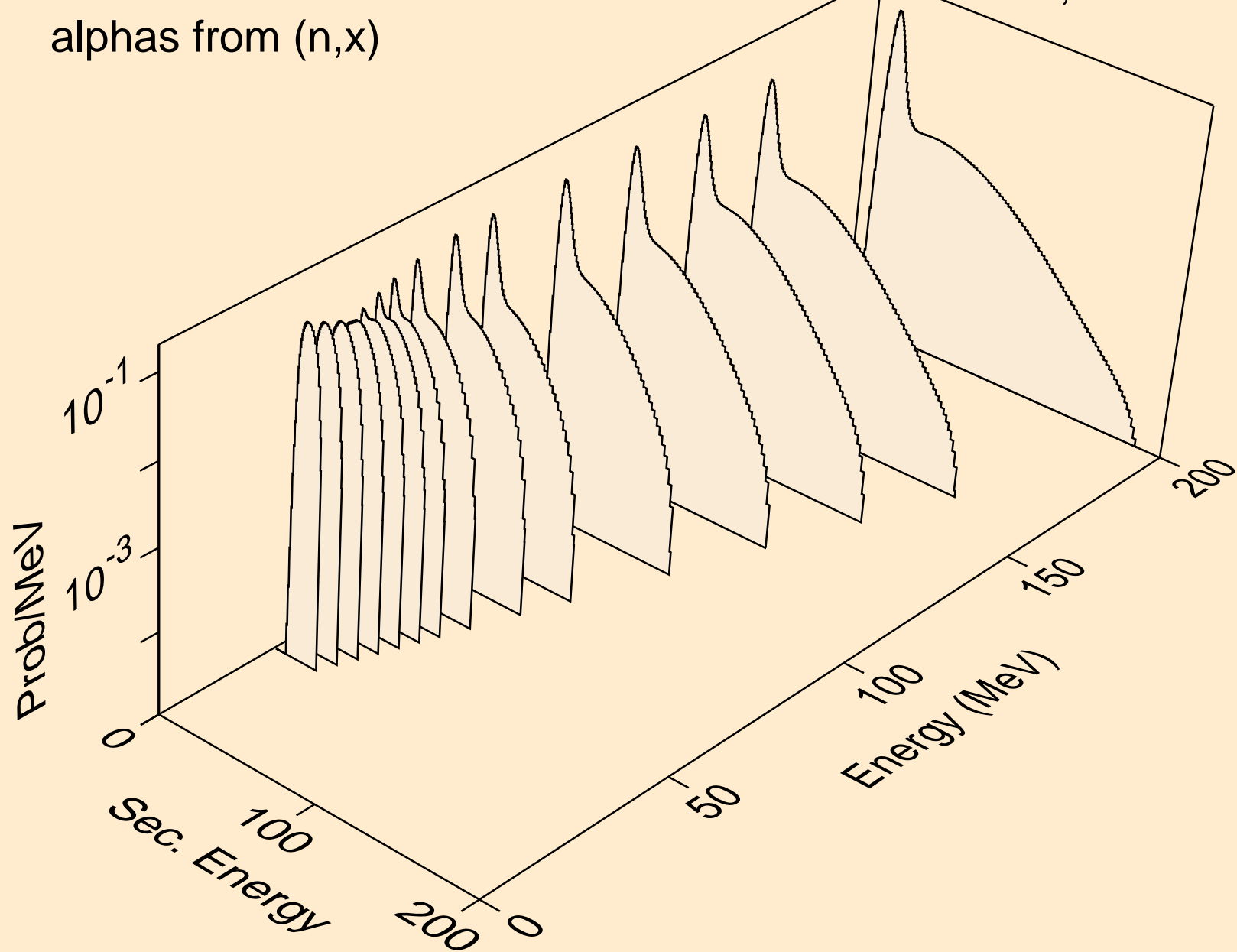
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



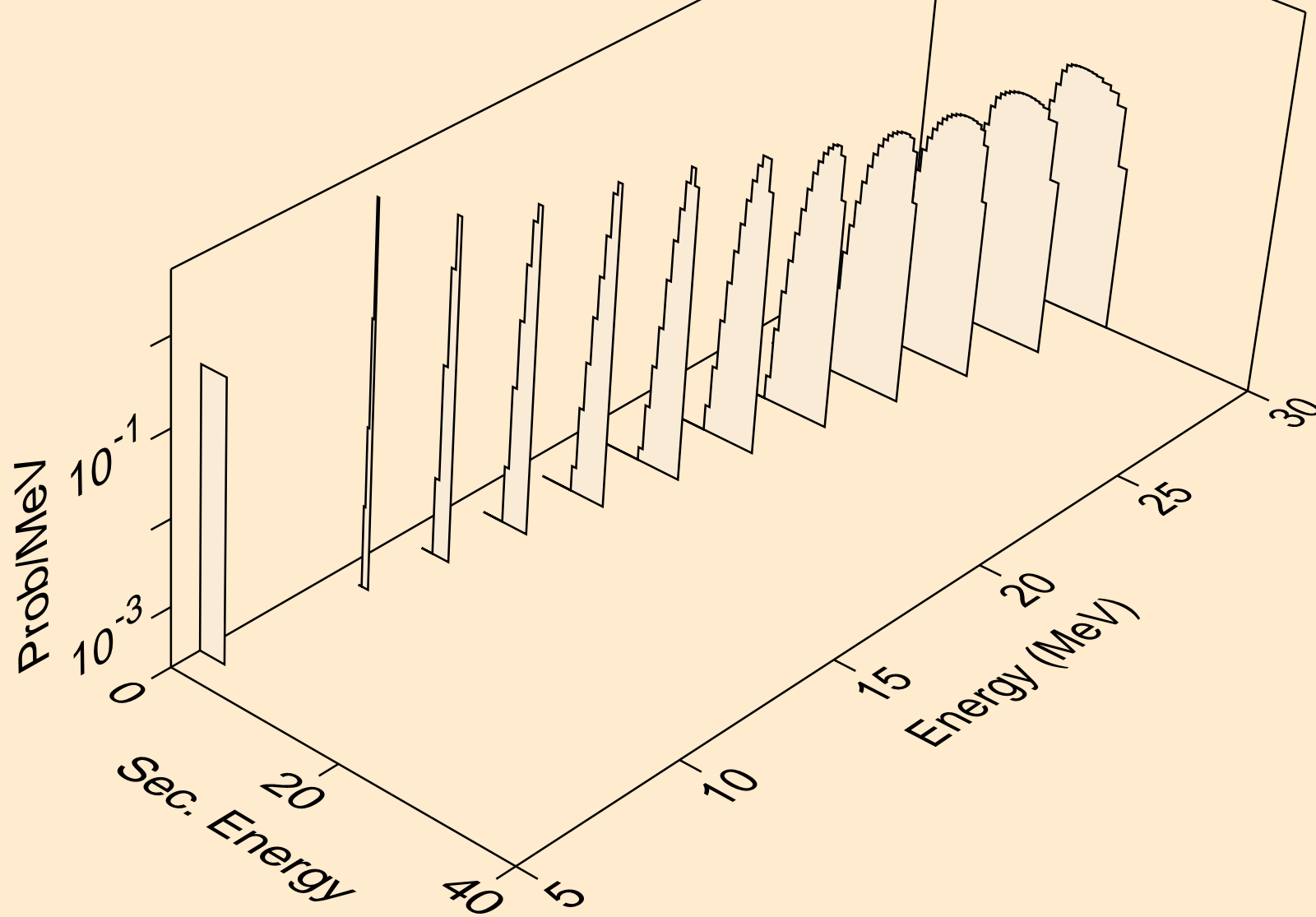
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



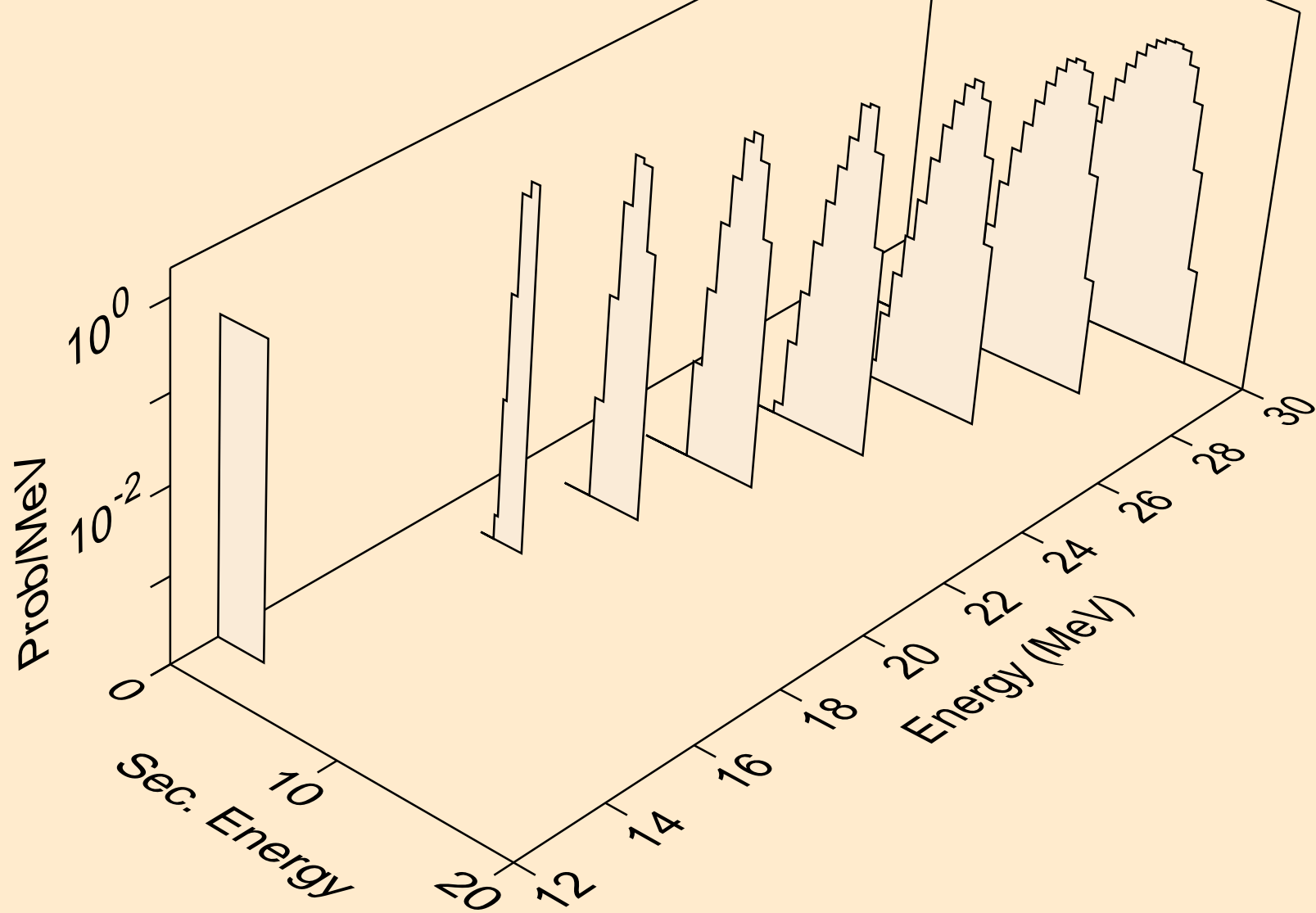
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



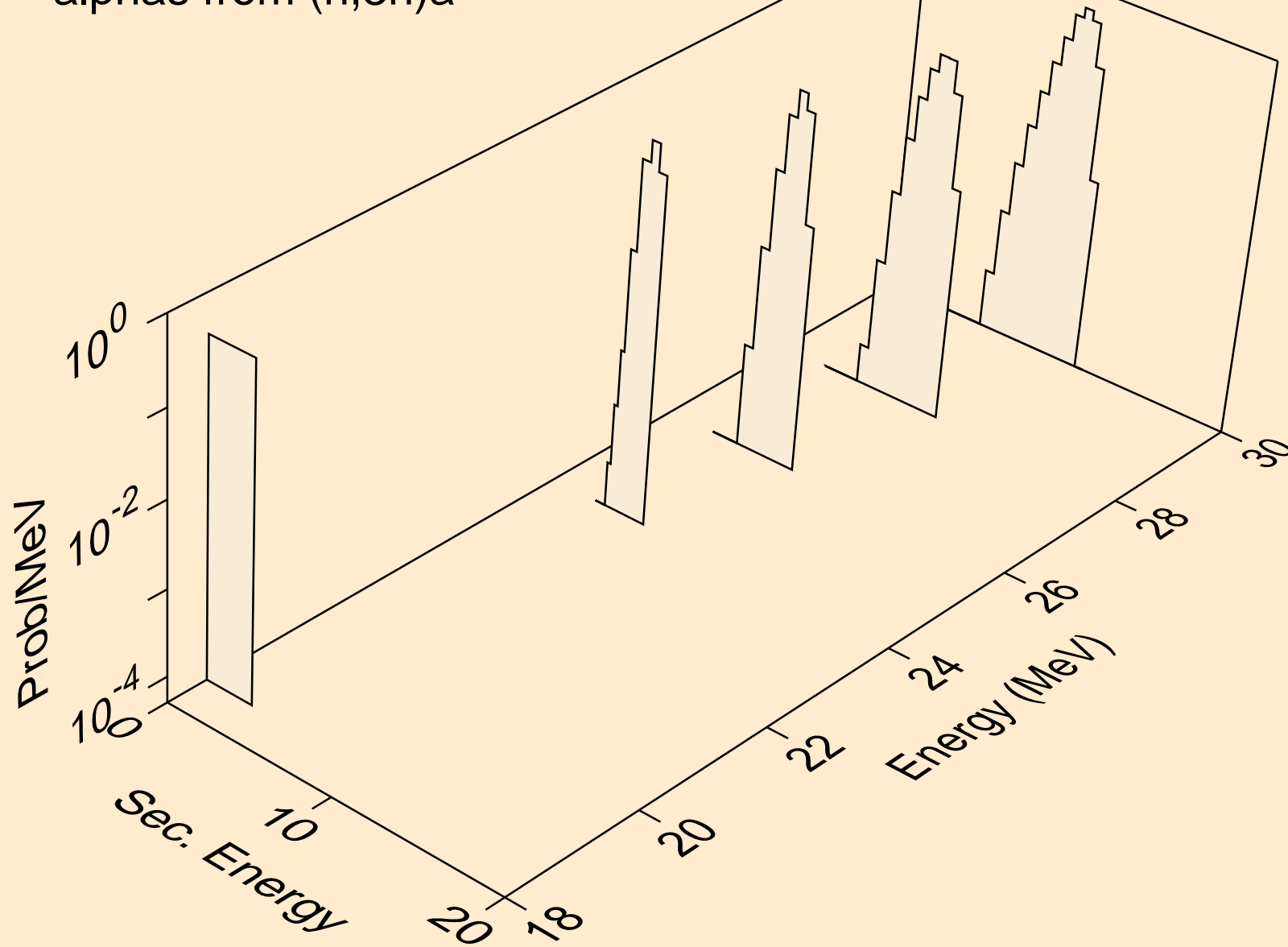
AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



AG117M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

