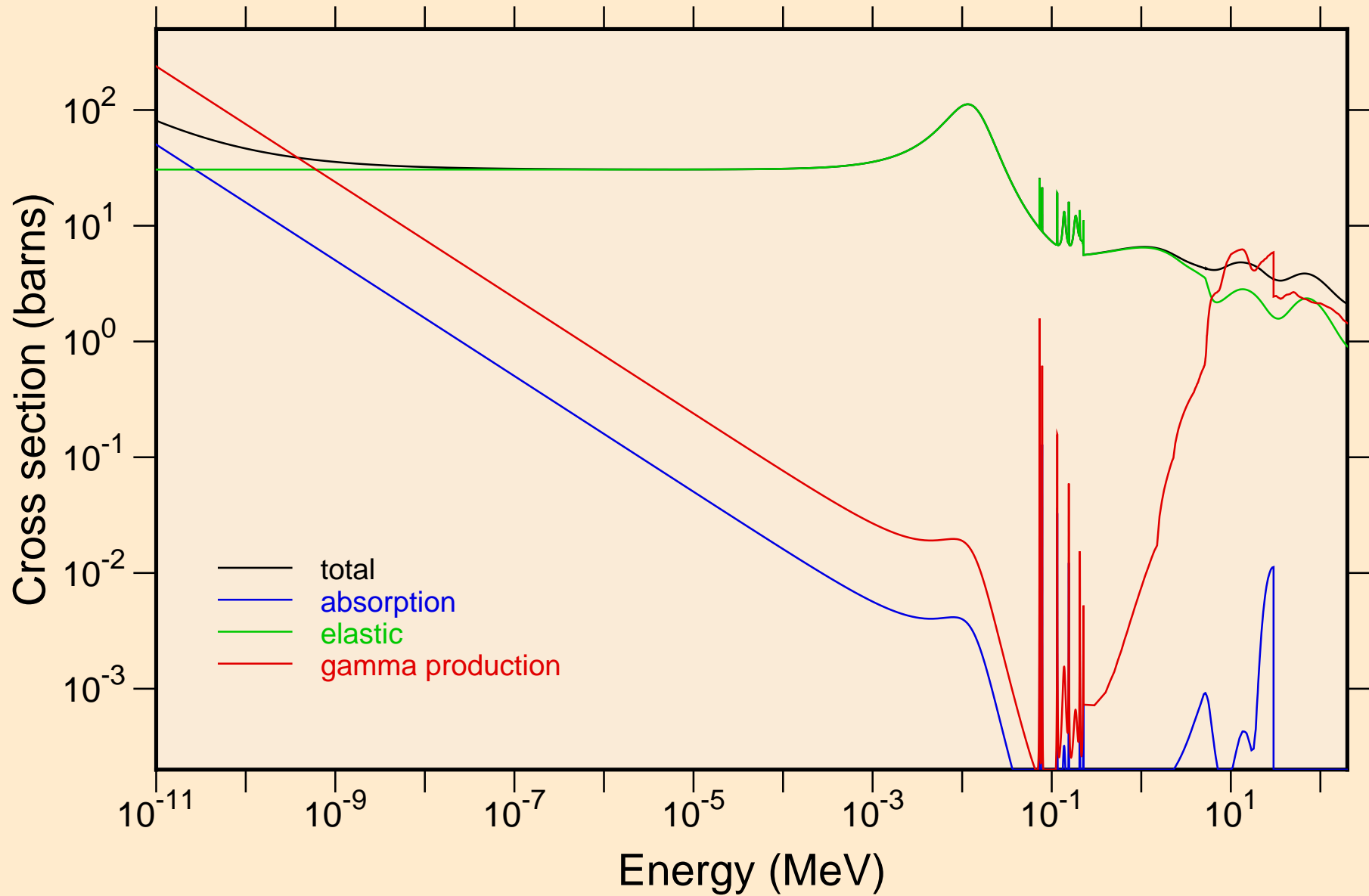
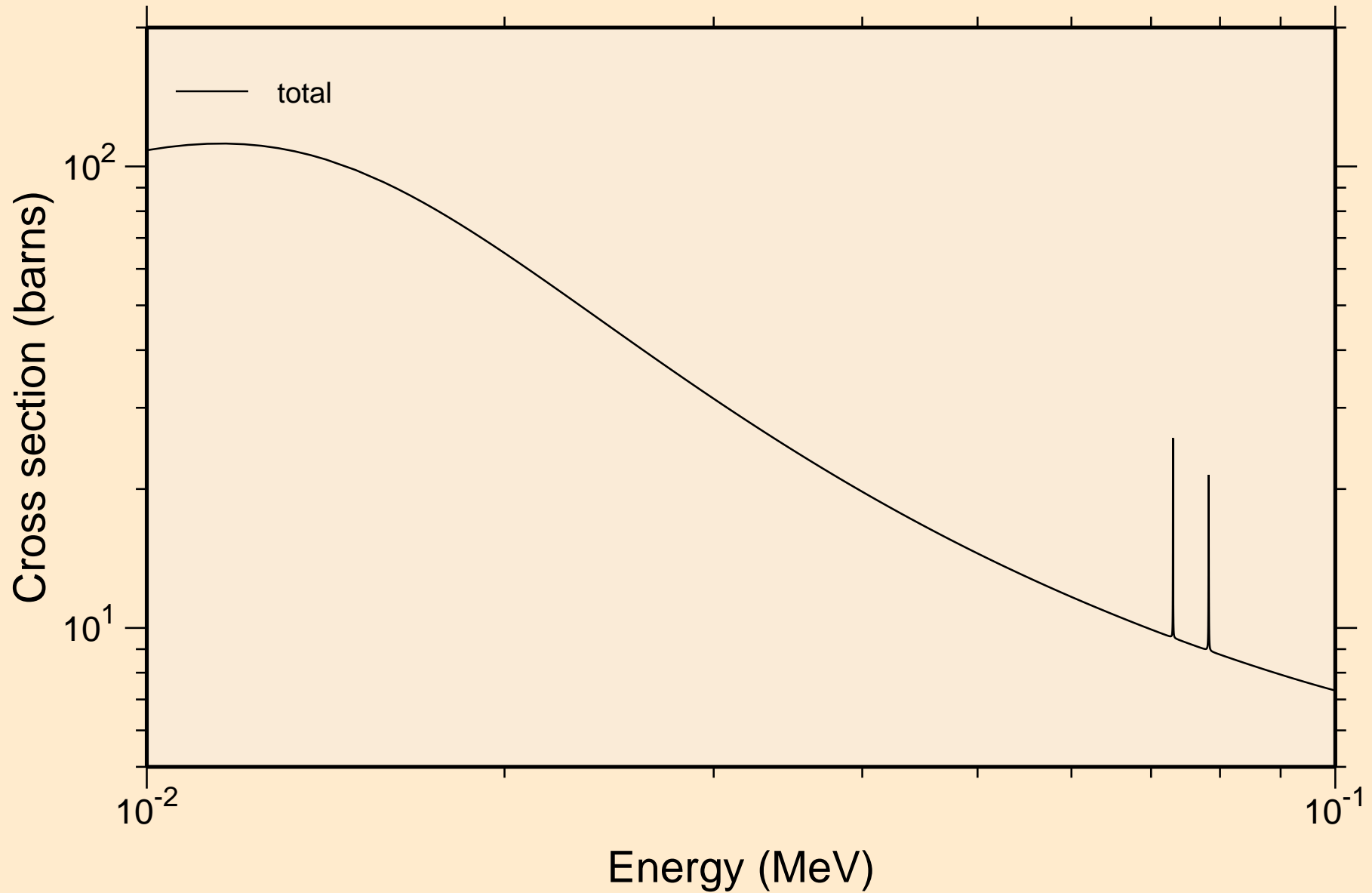


# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

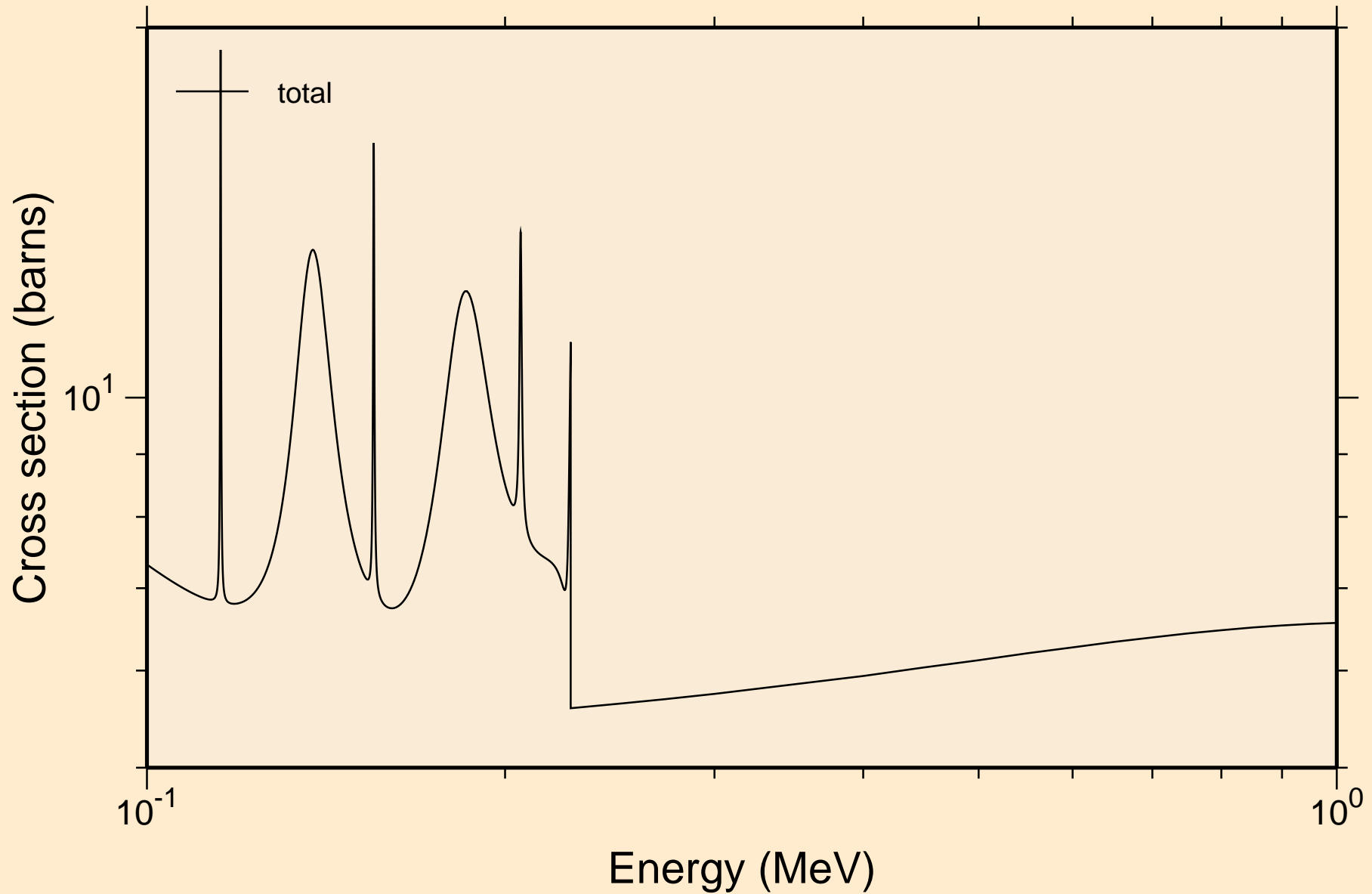
## Principal cross sections



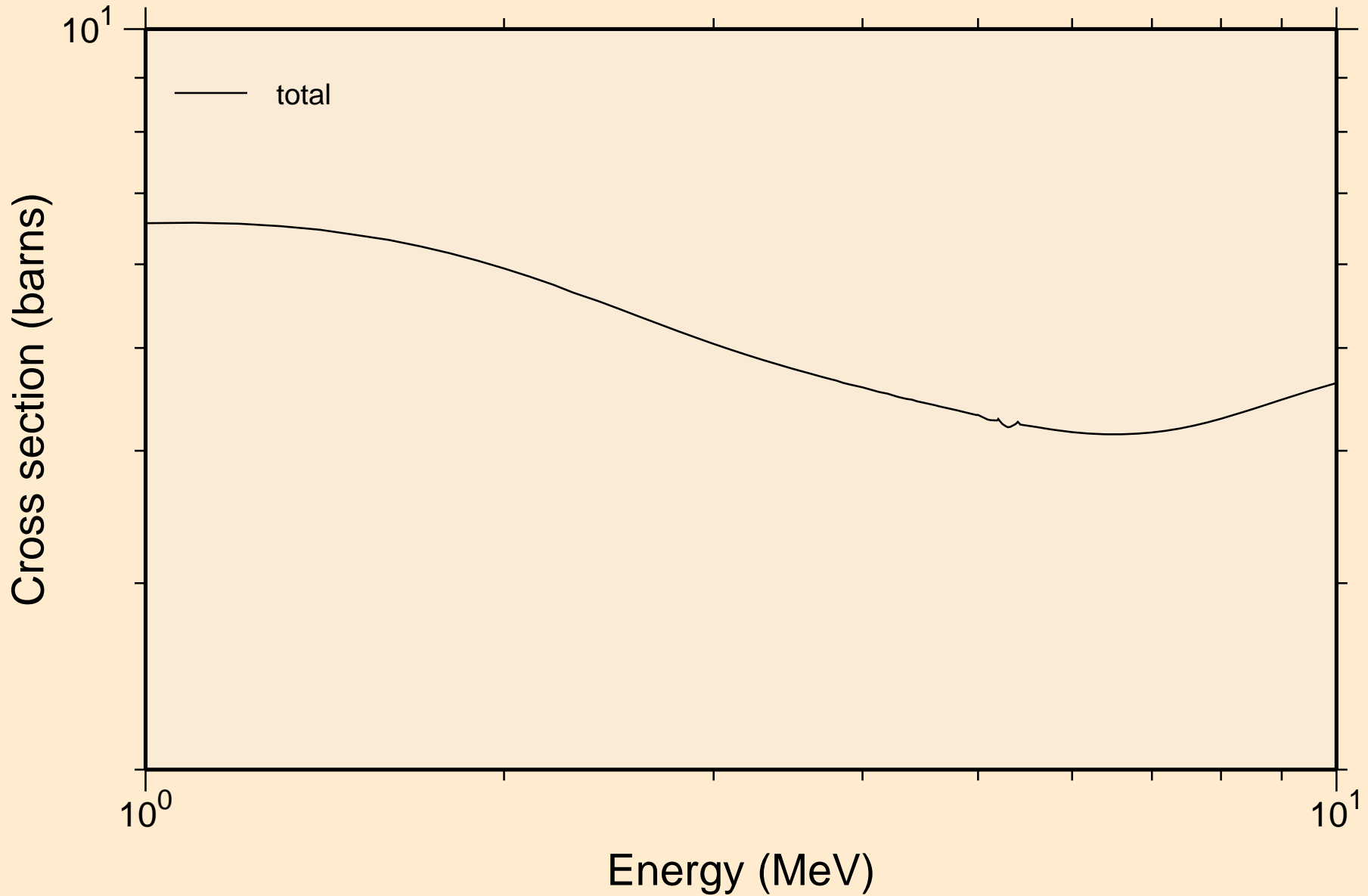
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



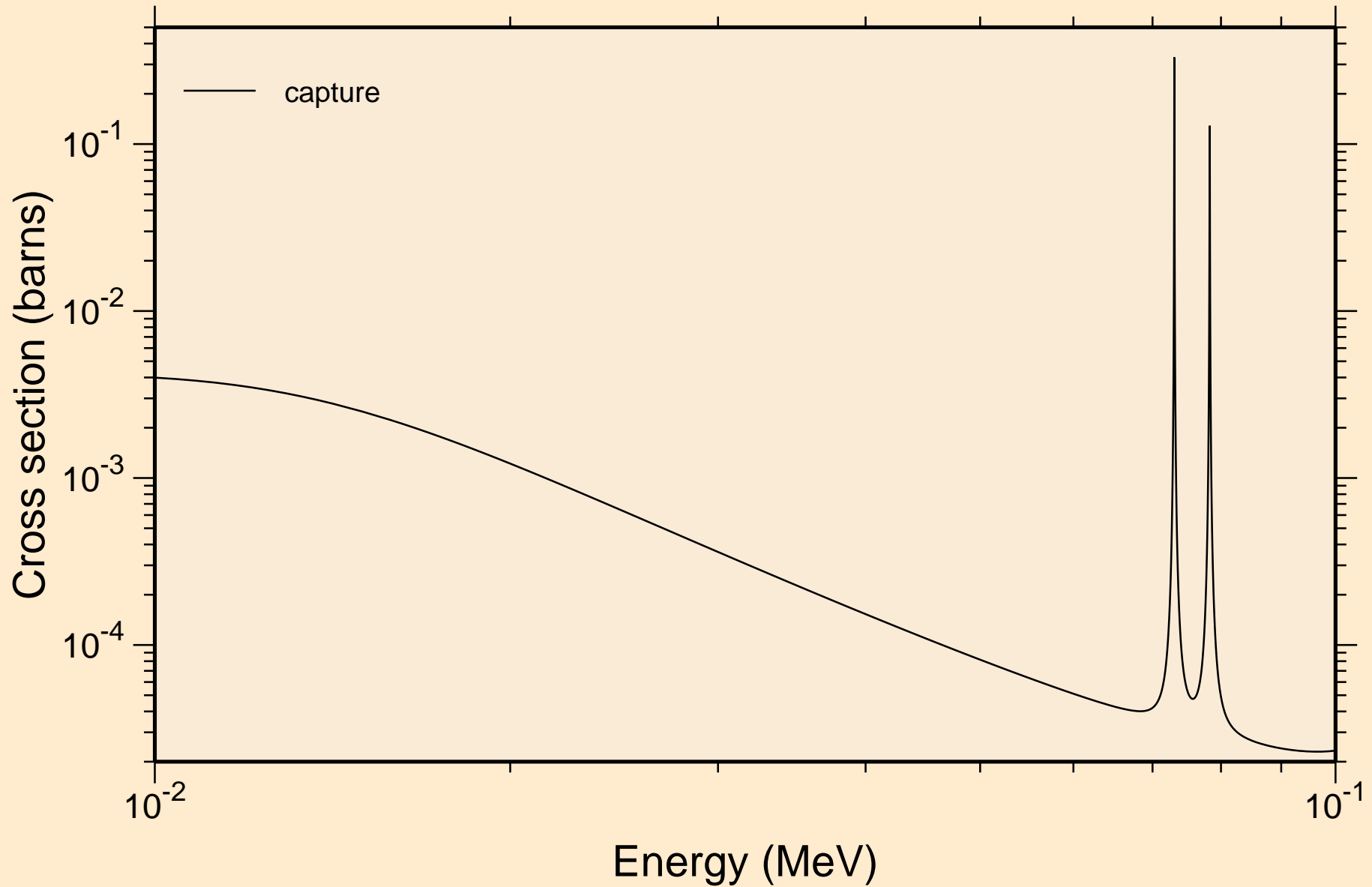
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



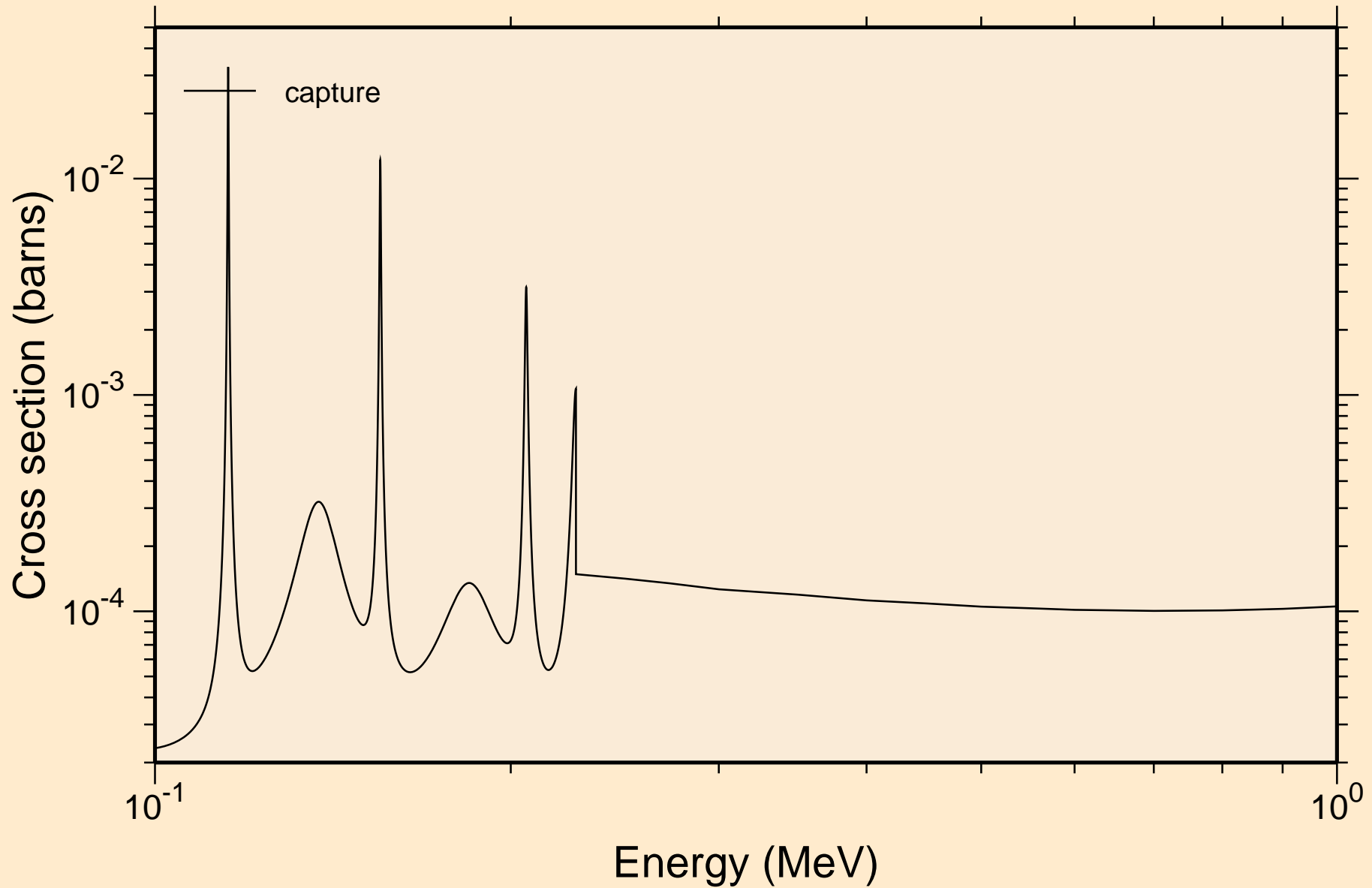
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



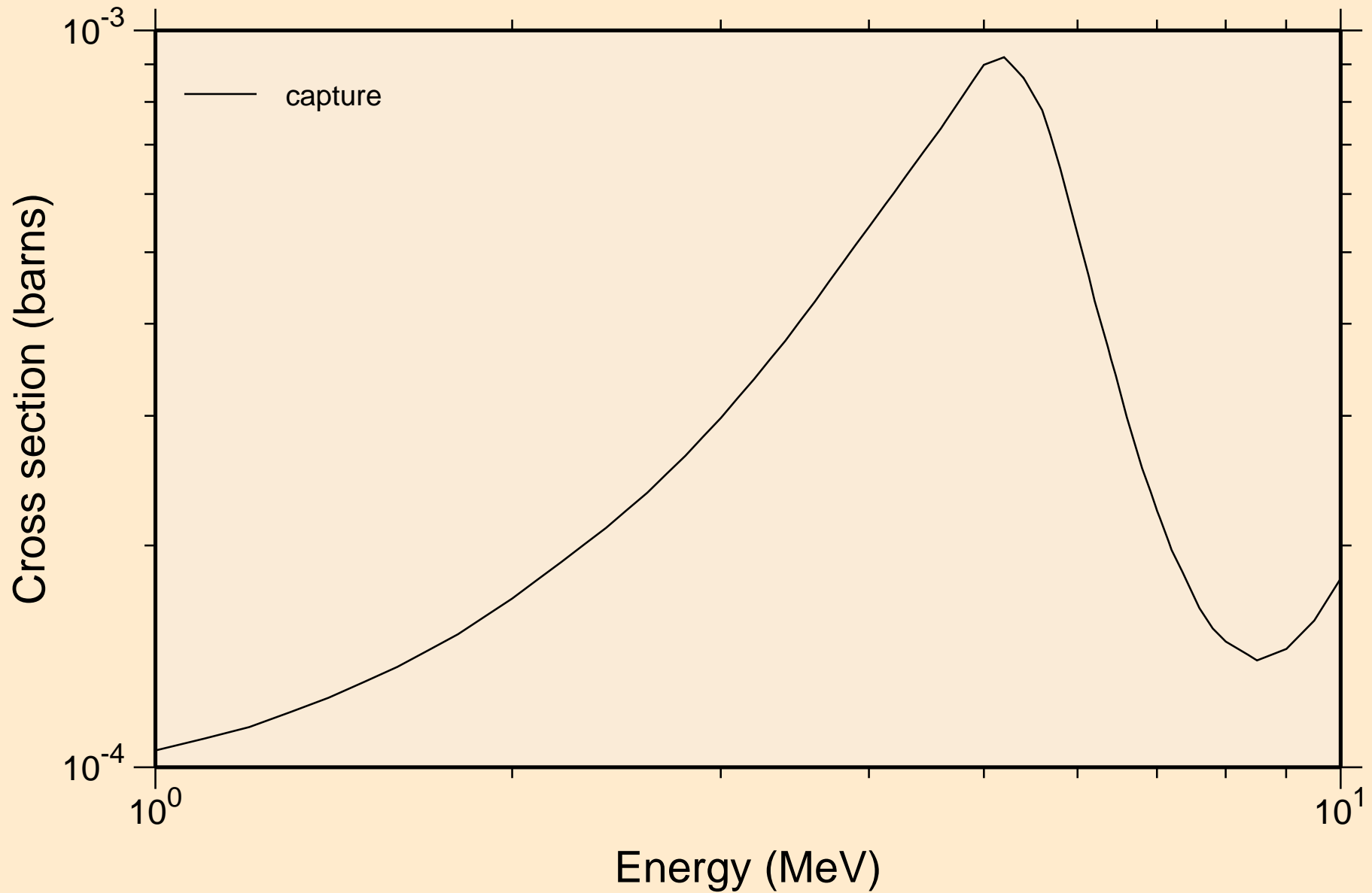
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K resonance absorption cross sections

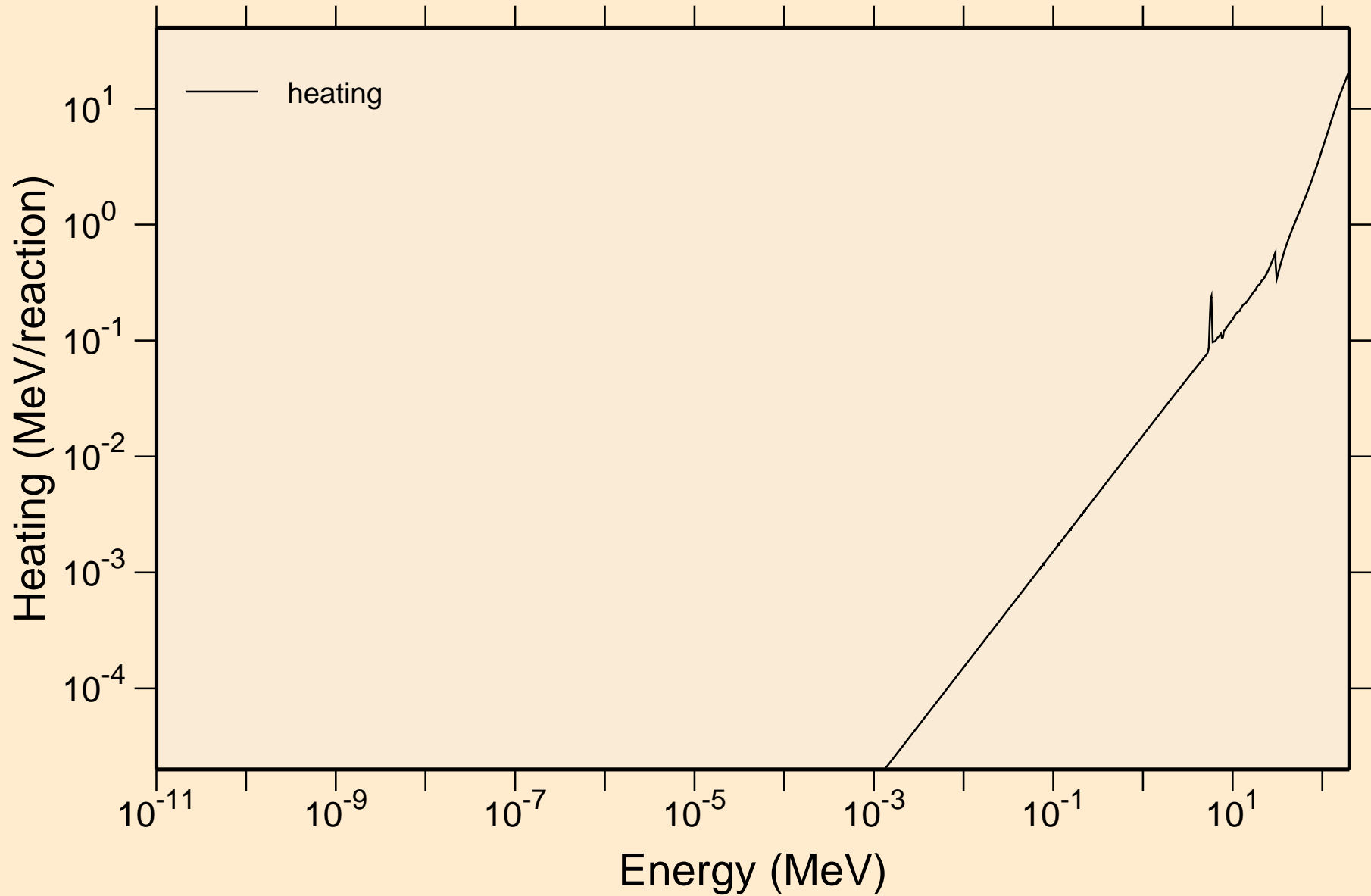


SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

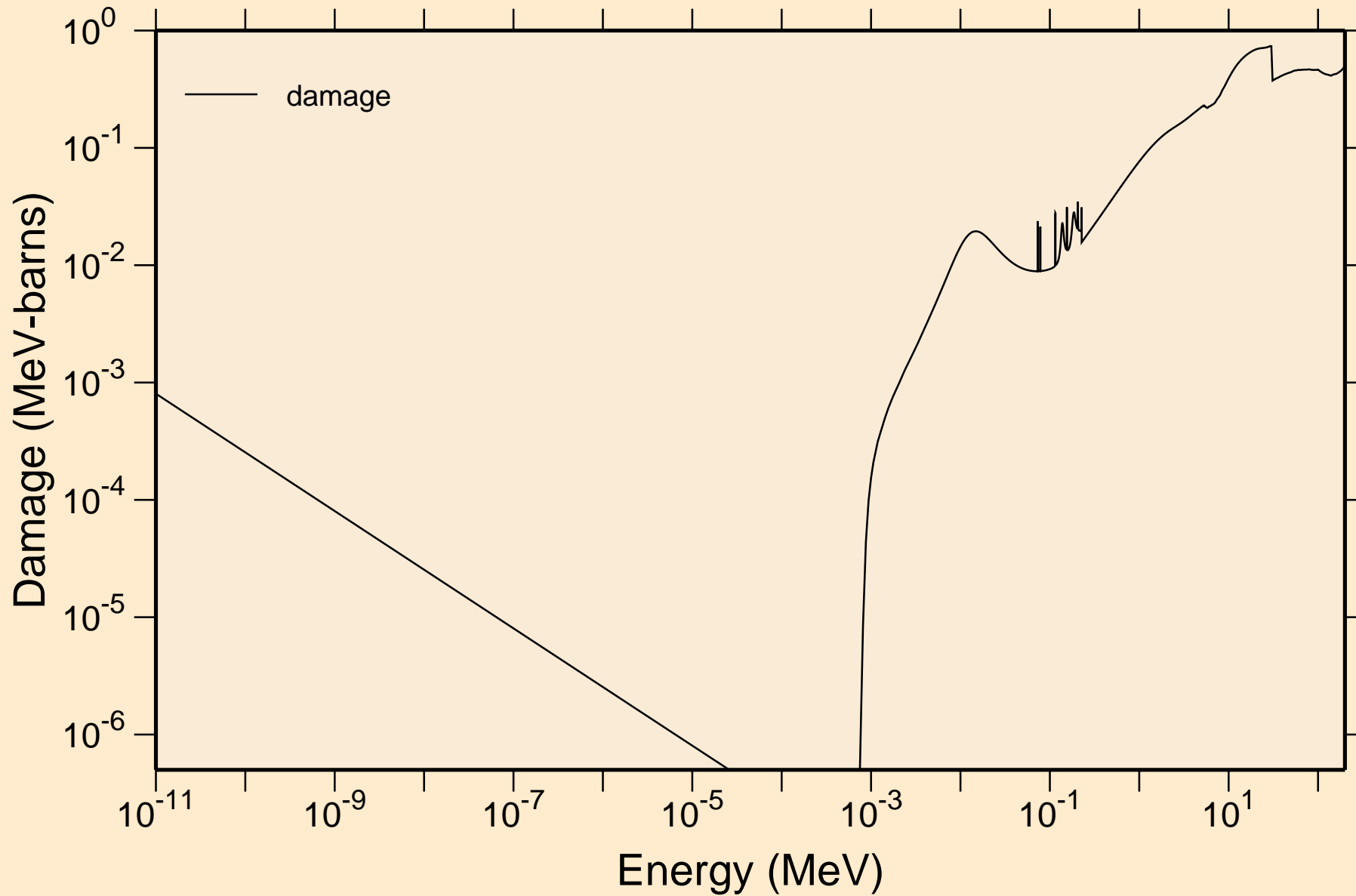
## Heating





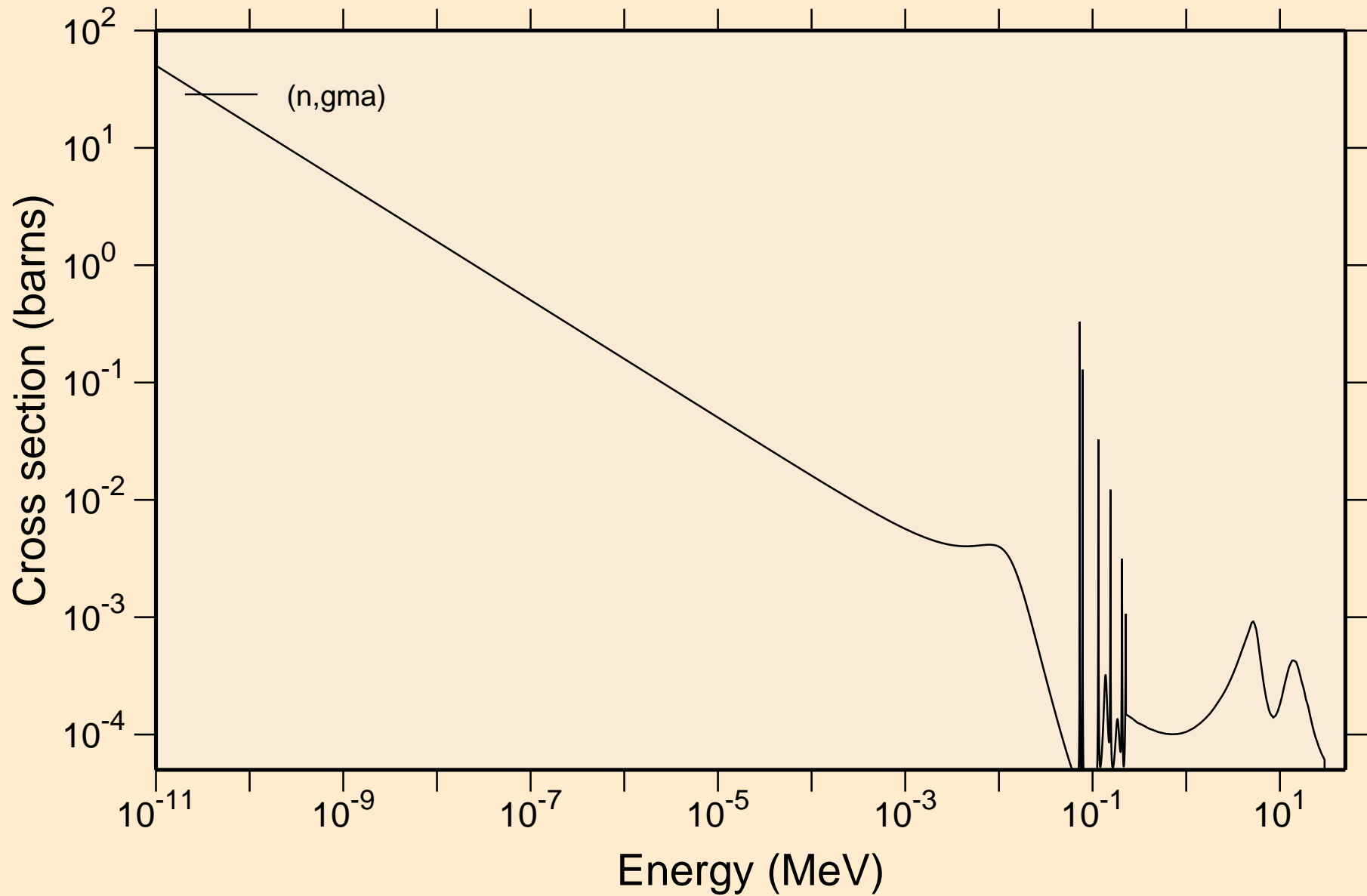
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



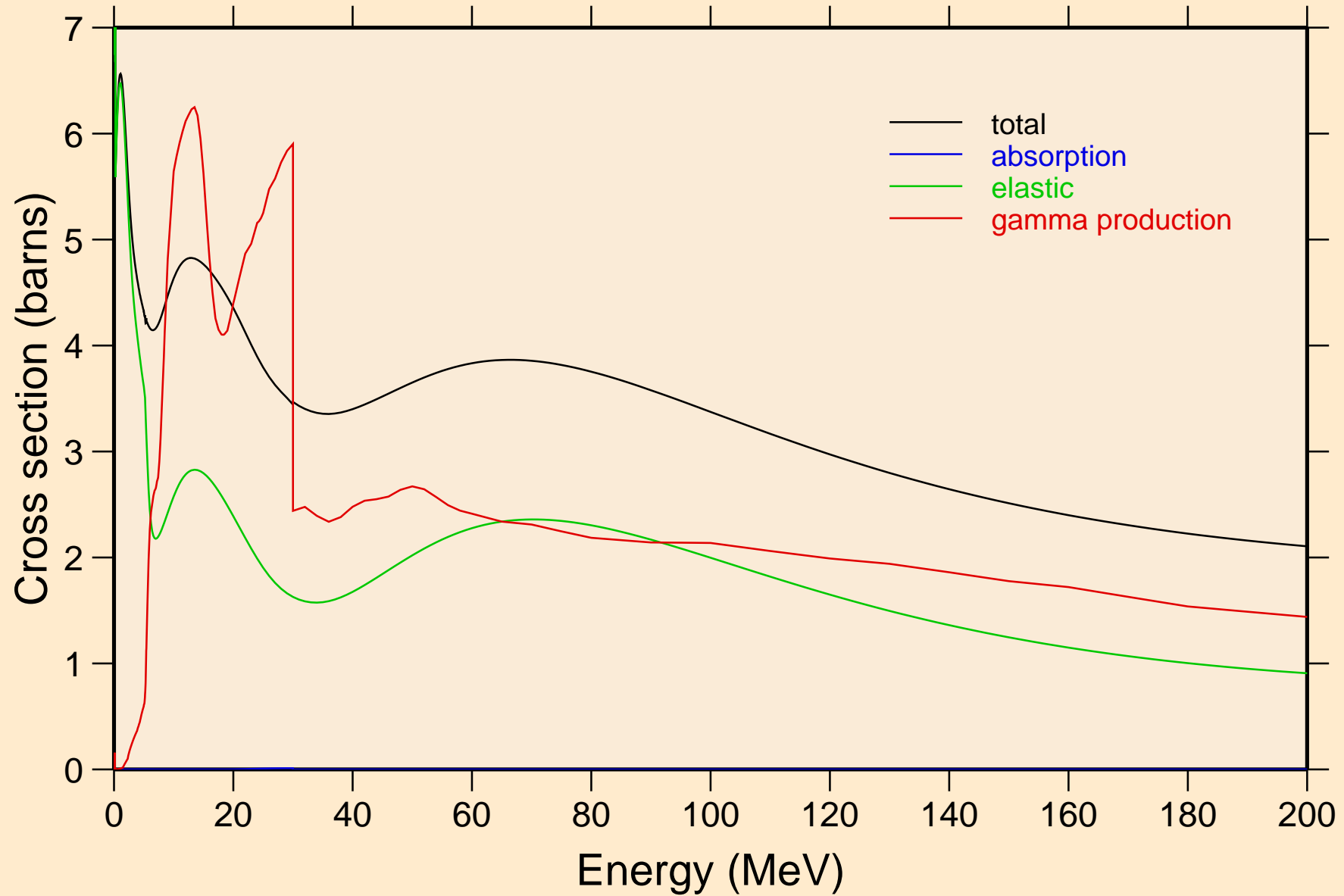
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



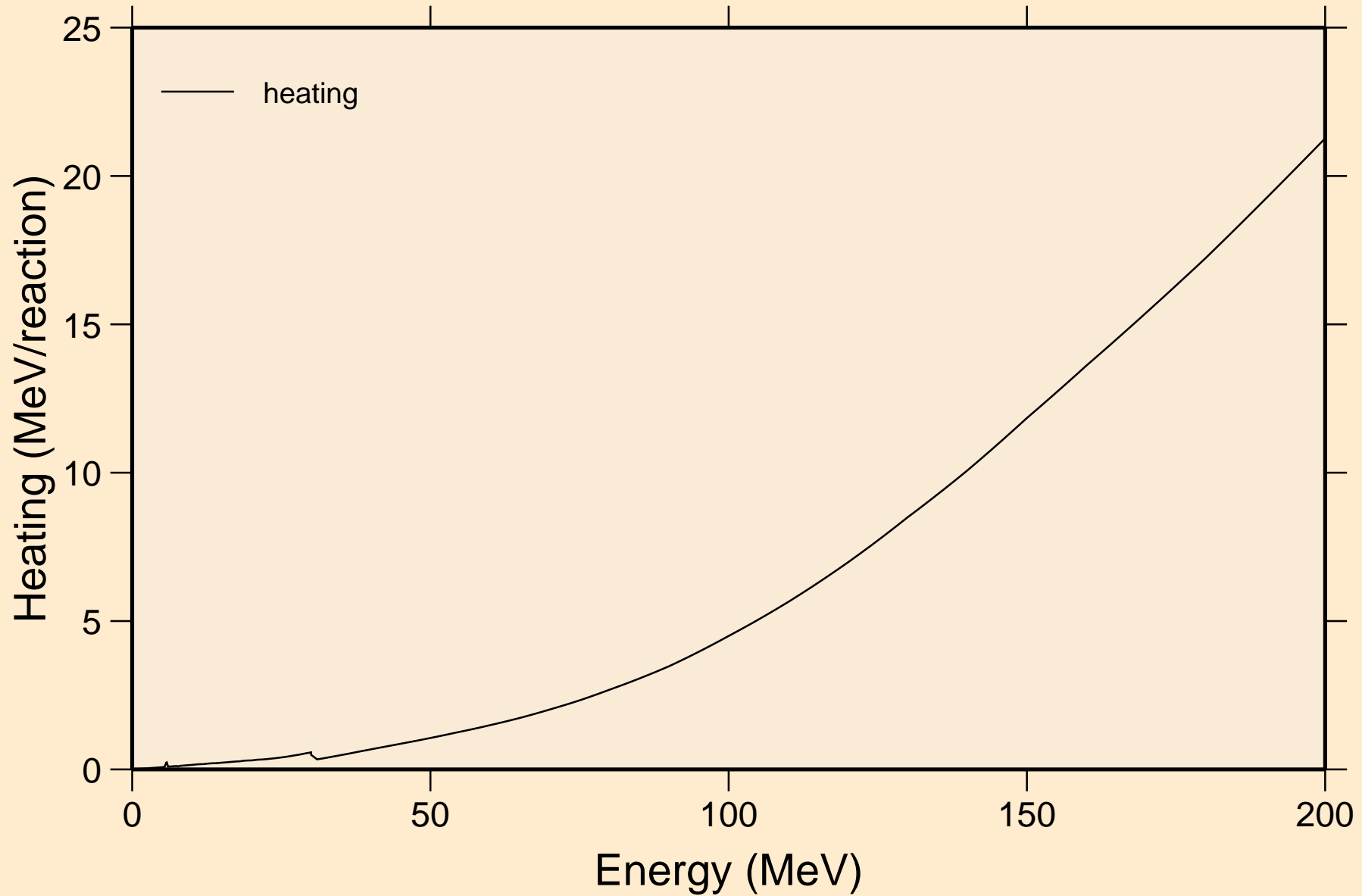
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



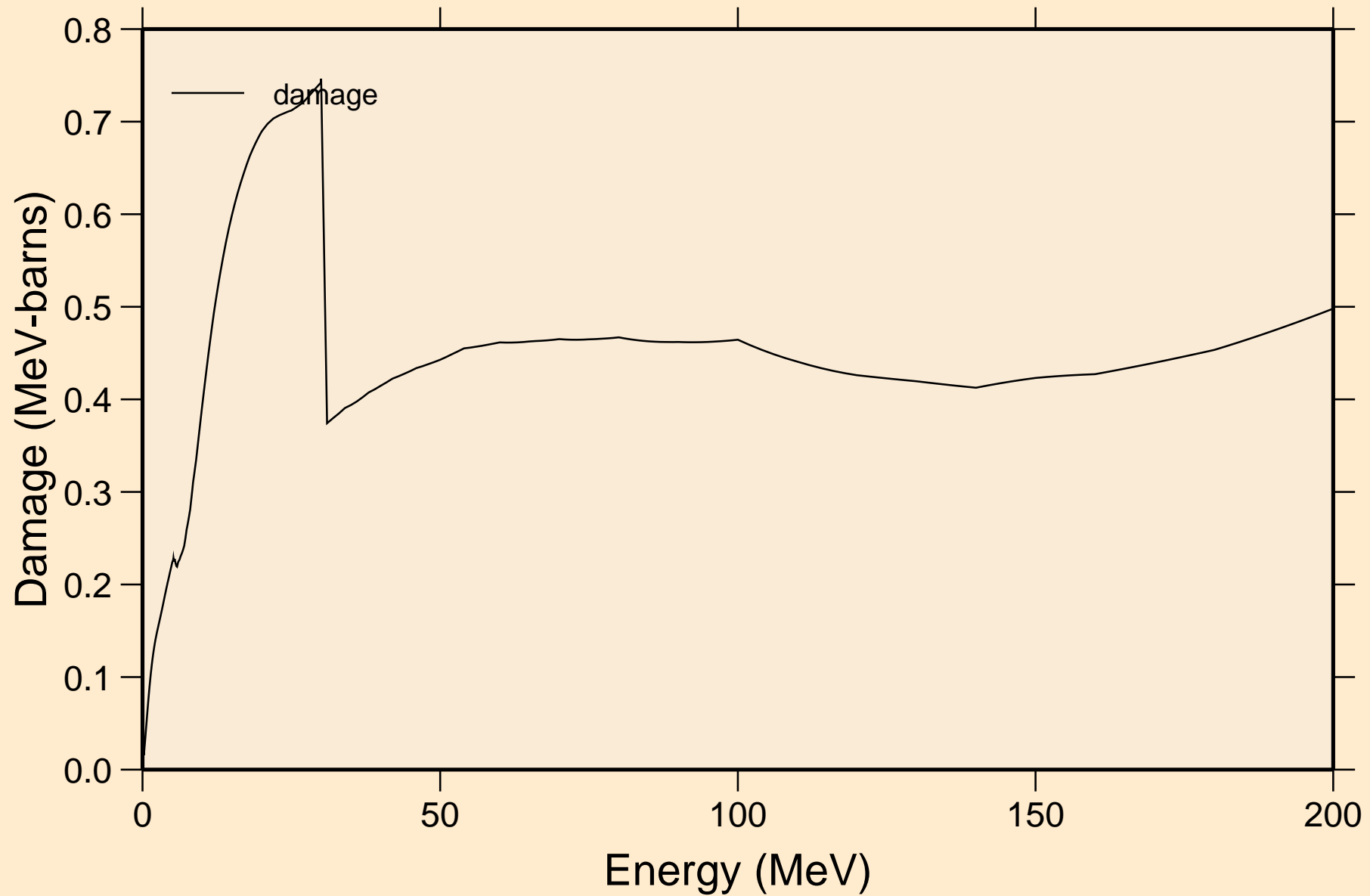
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

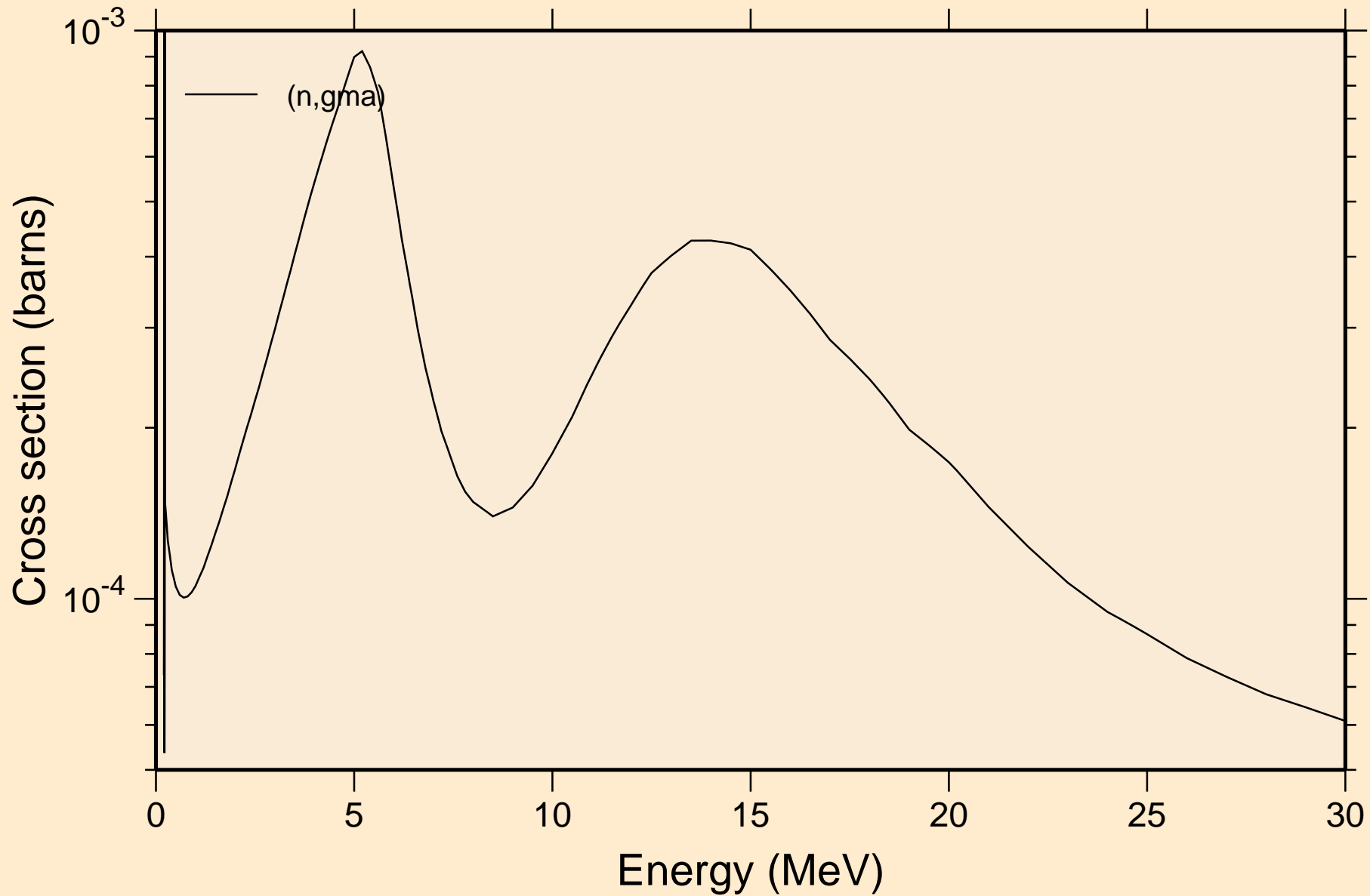


# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

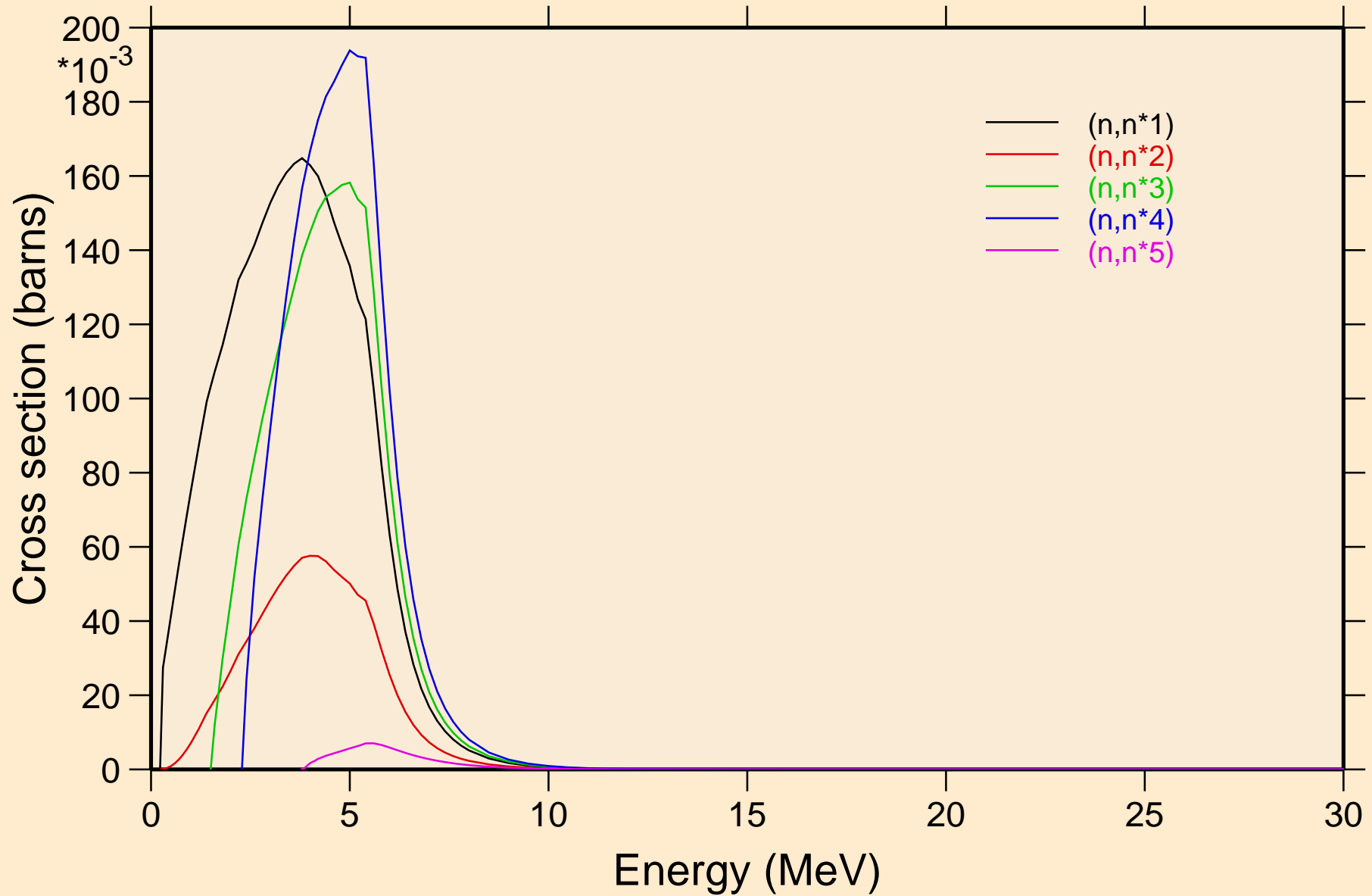


SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



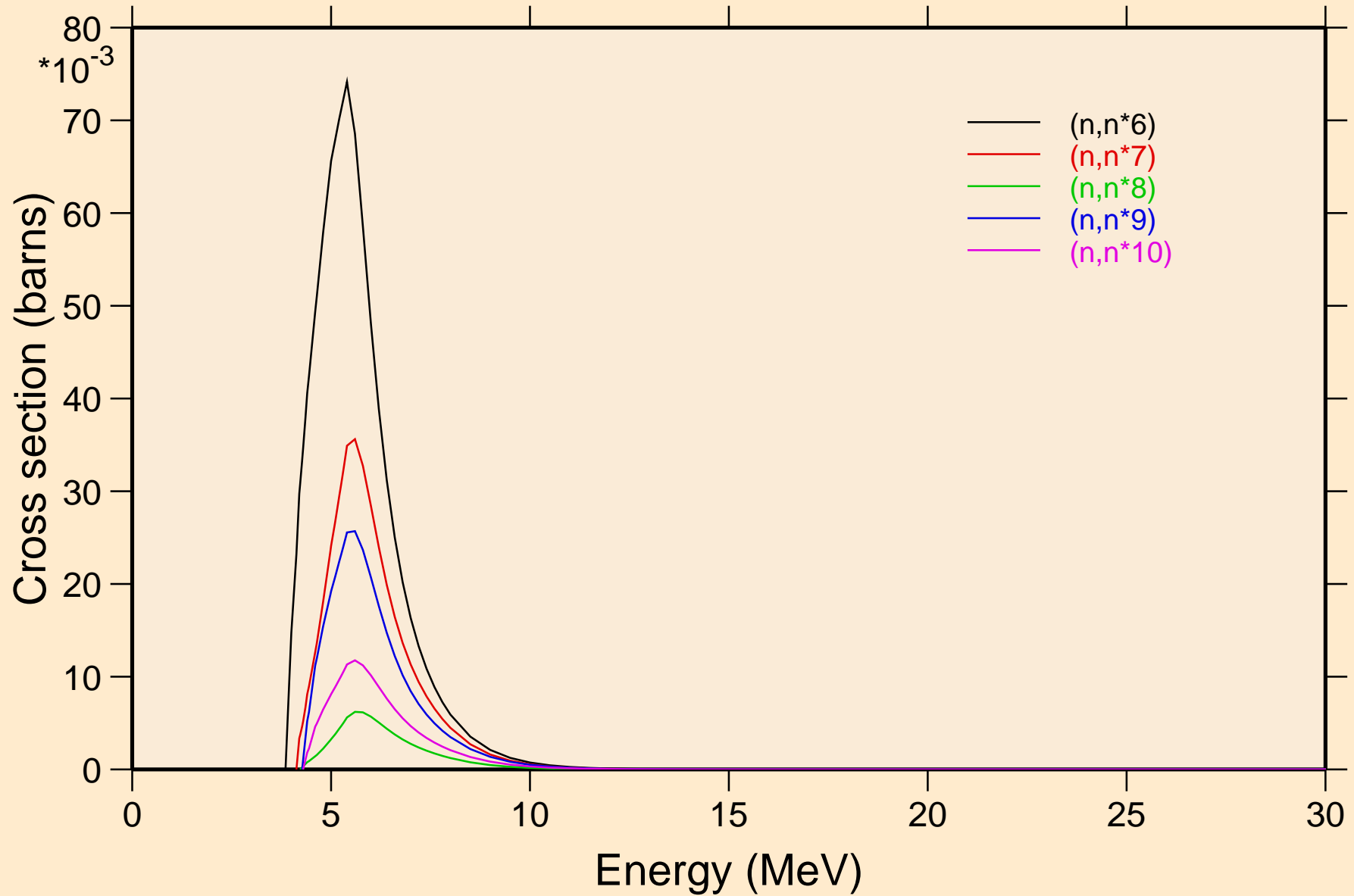
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

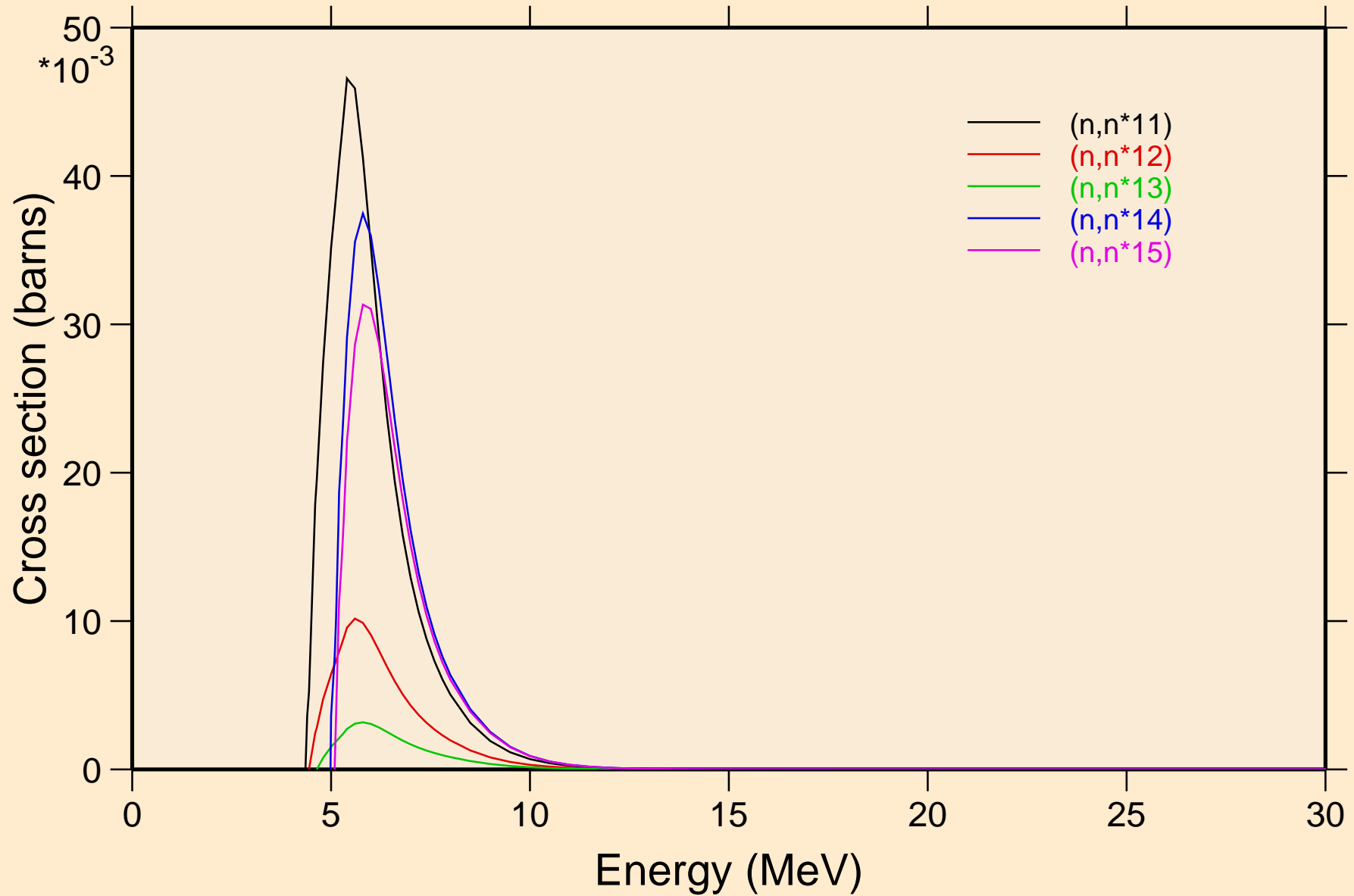
## Inelastic levels





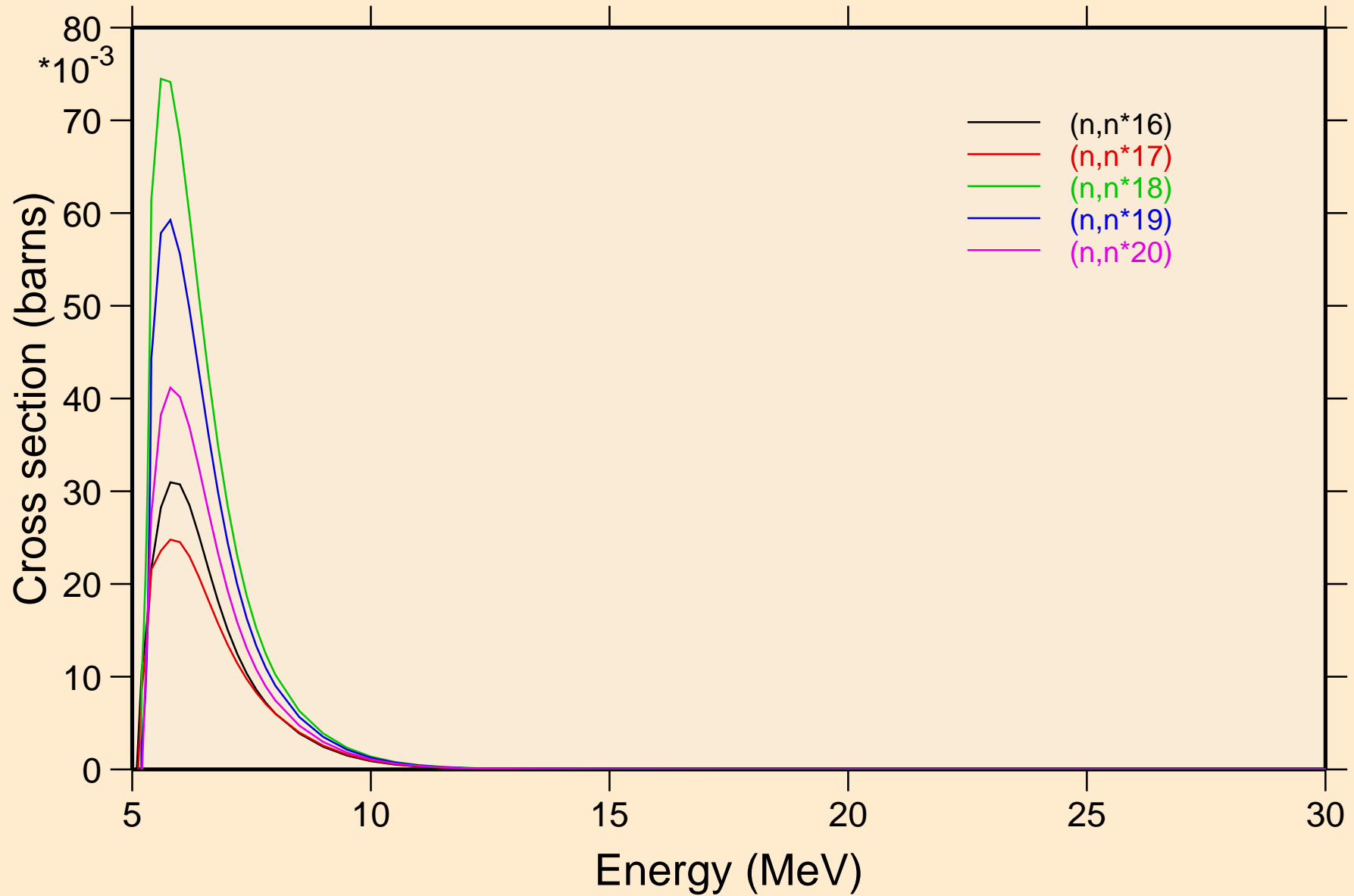
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



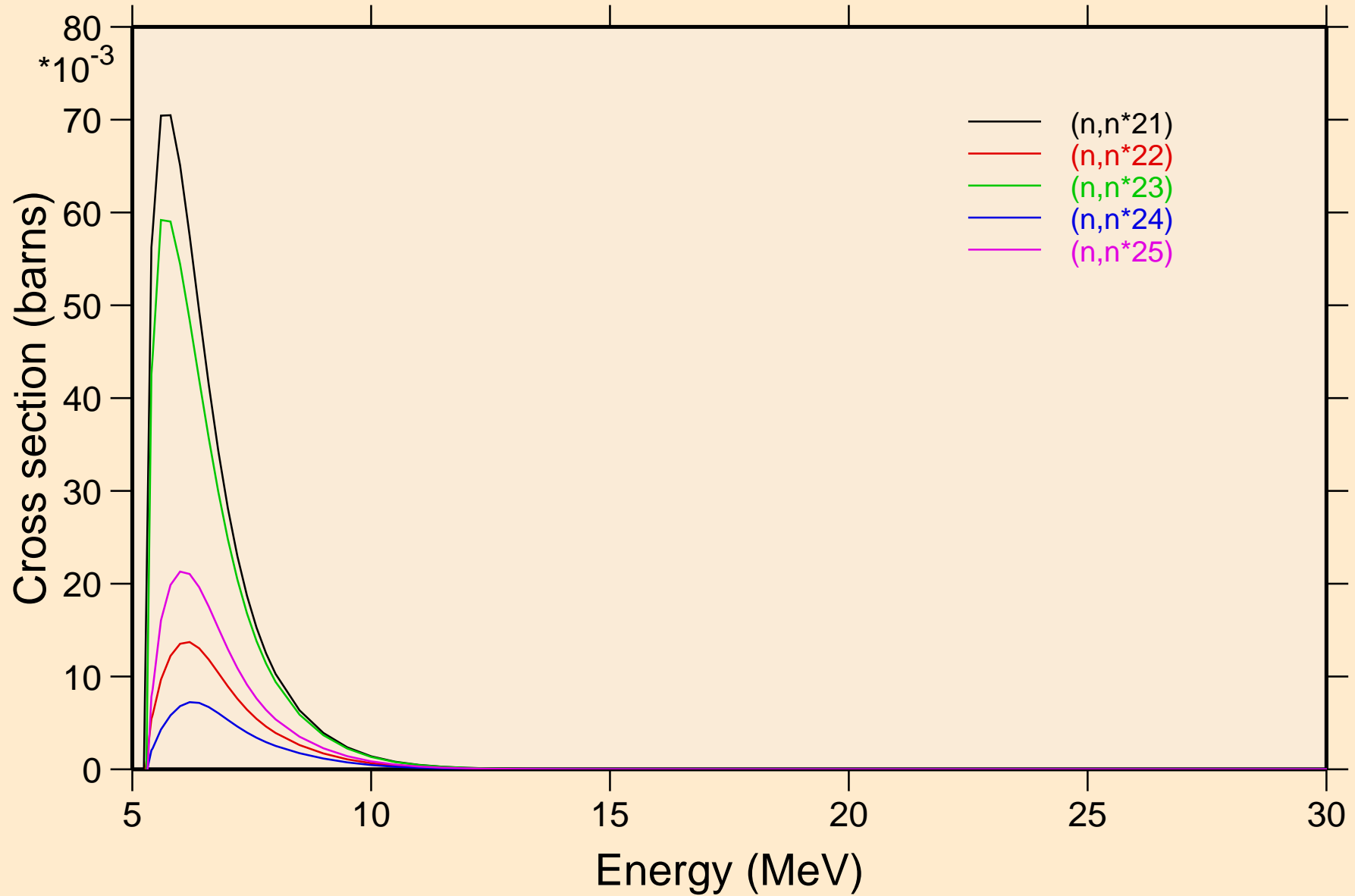
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



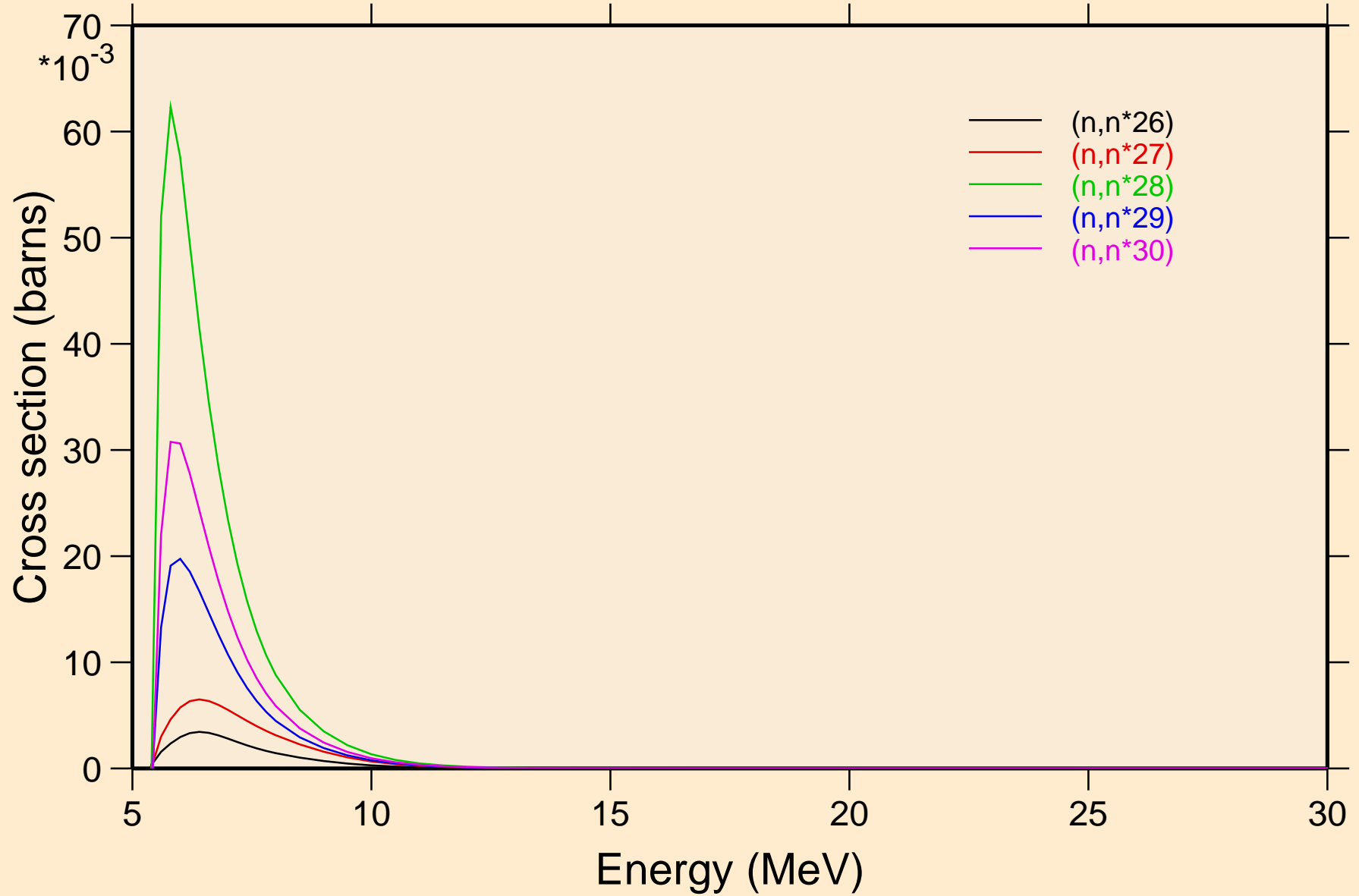
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



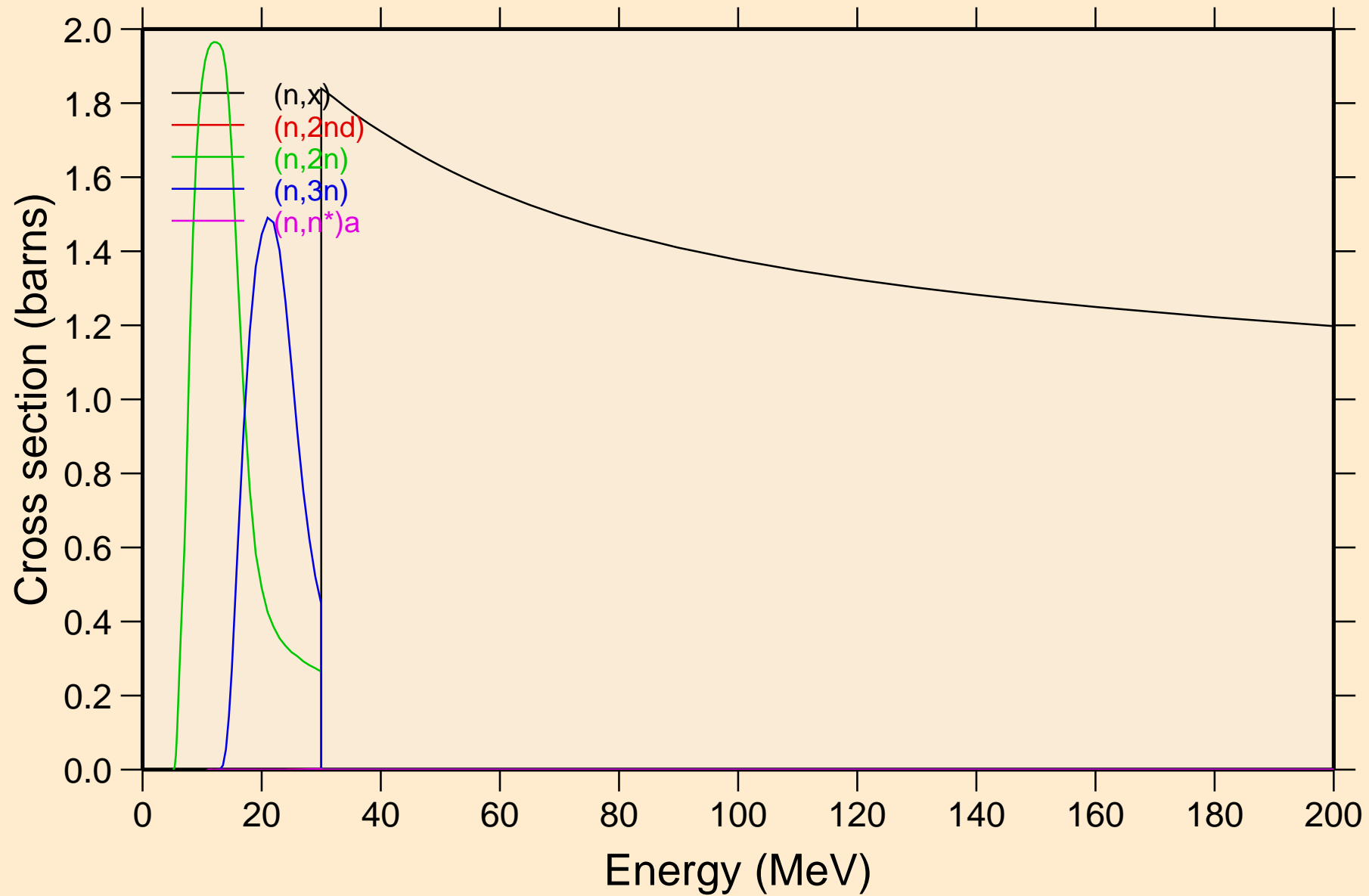
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



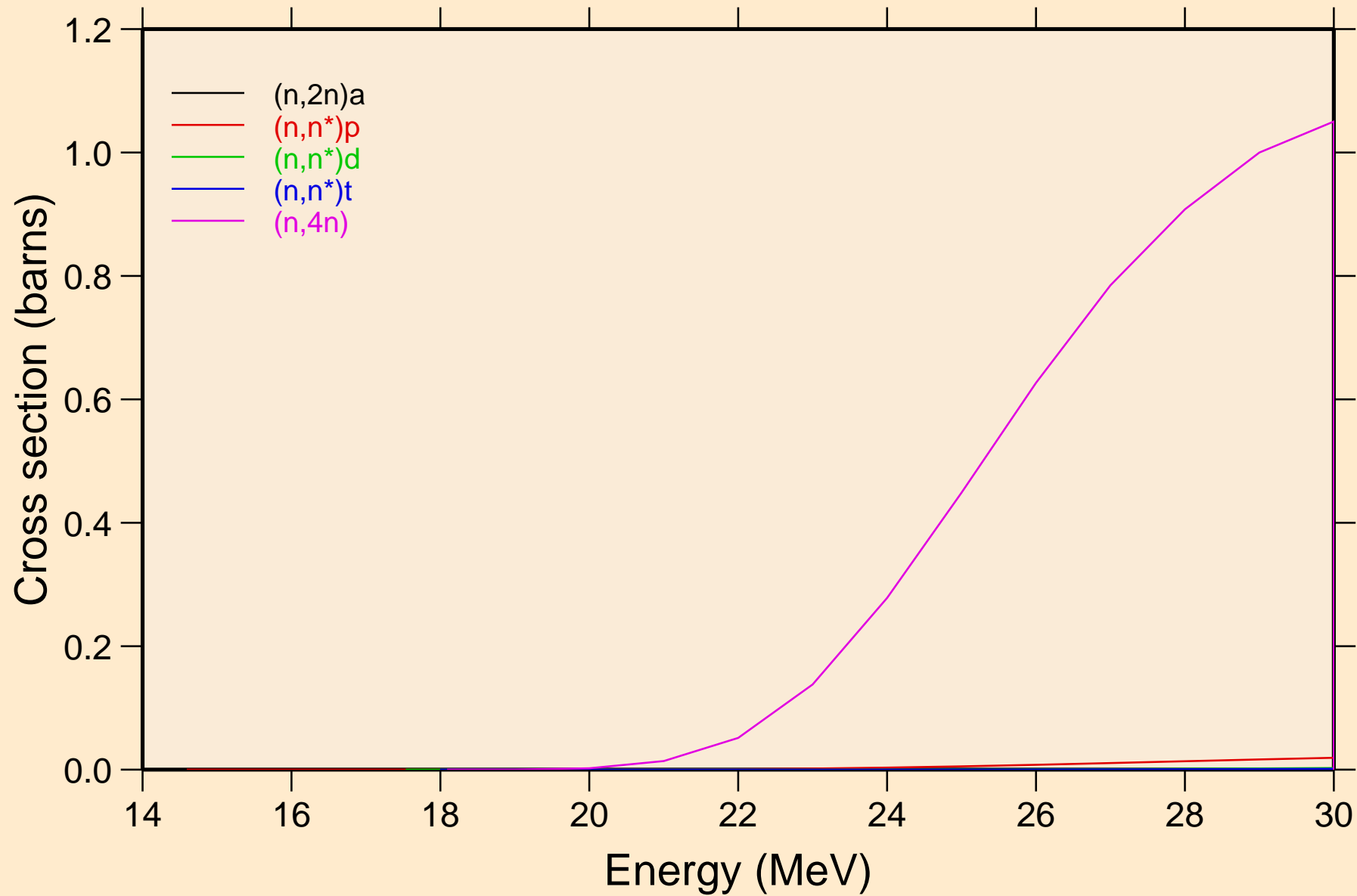
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



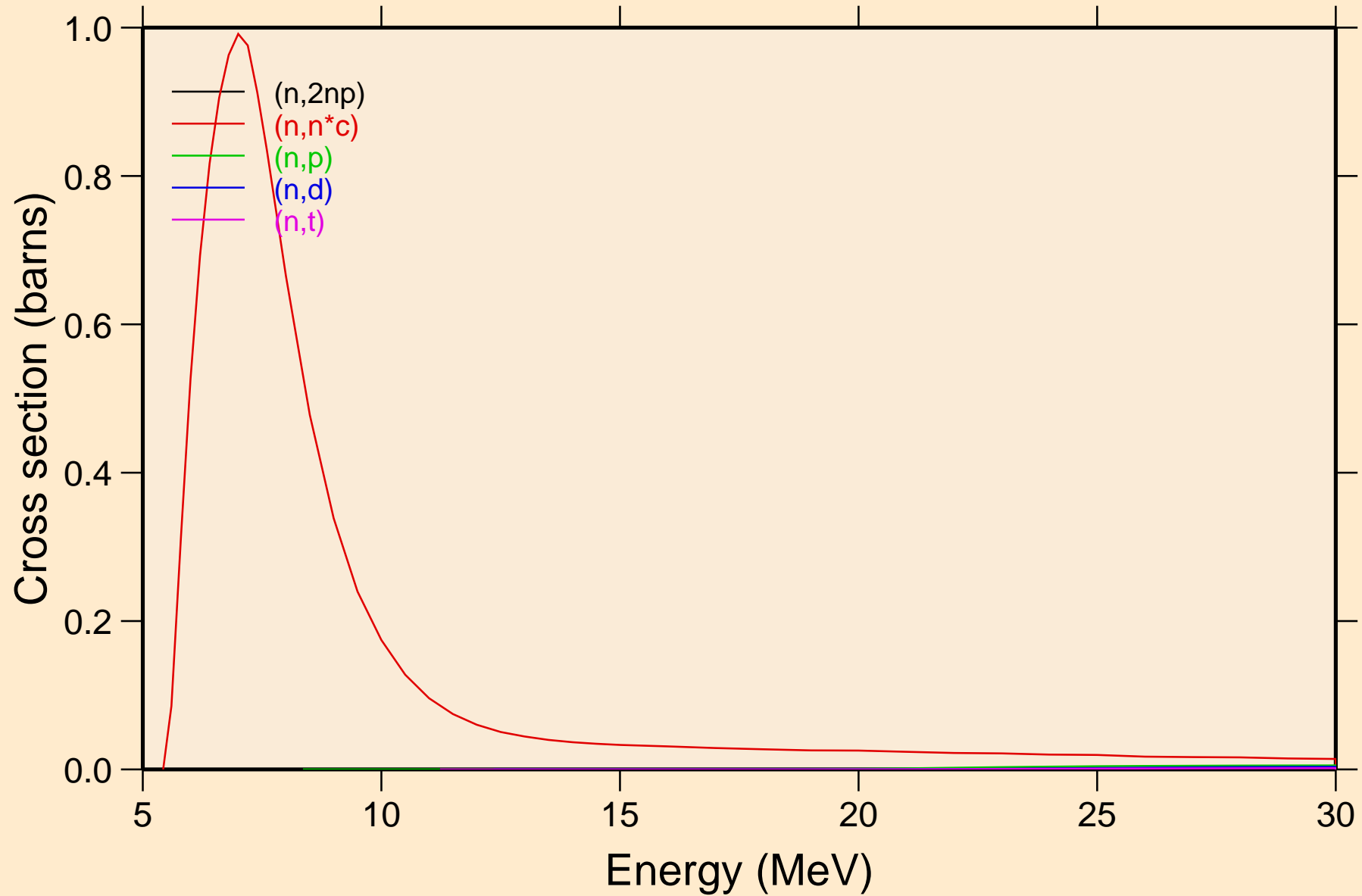
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



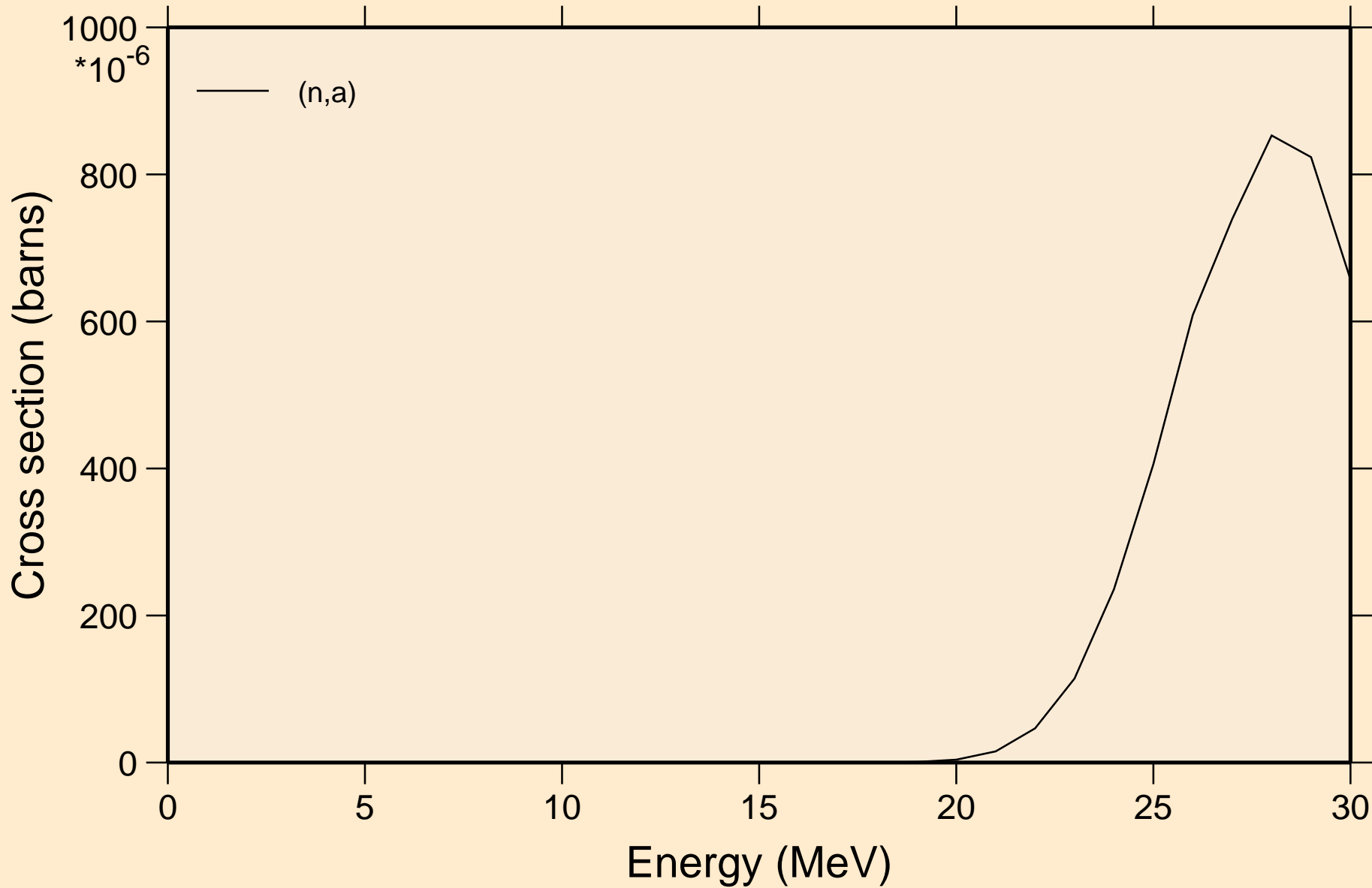
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

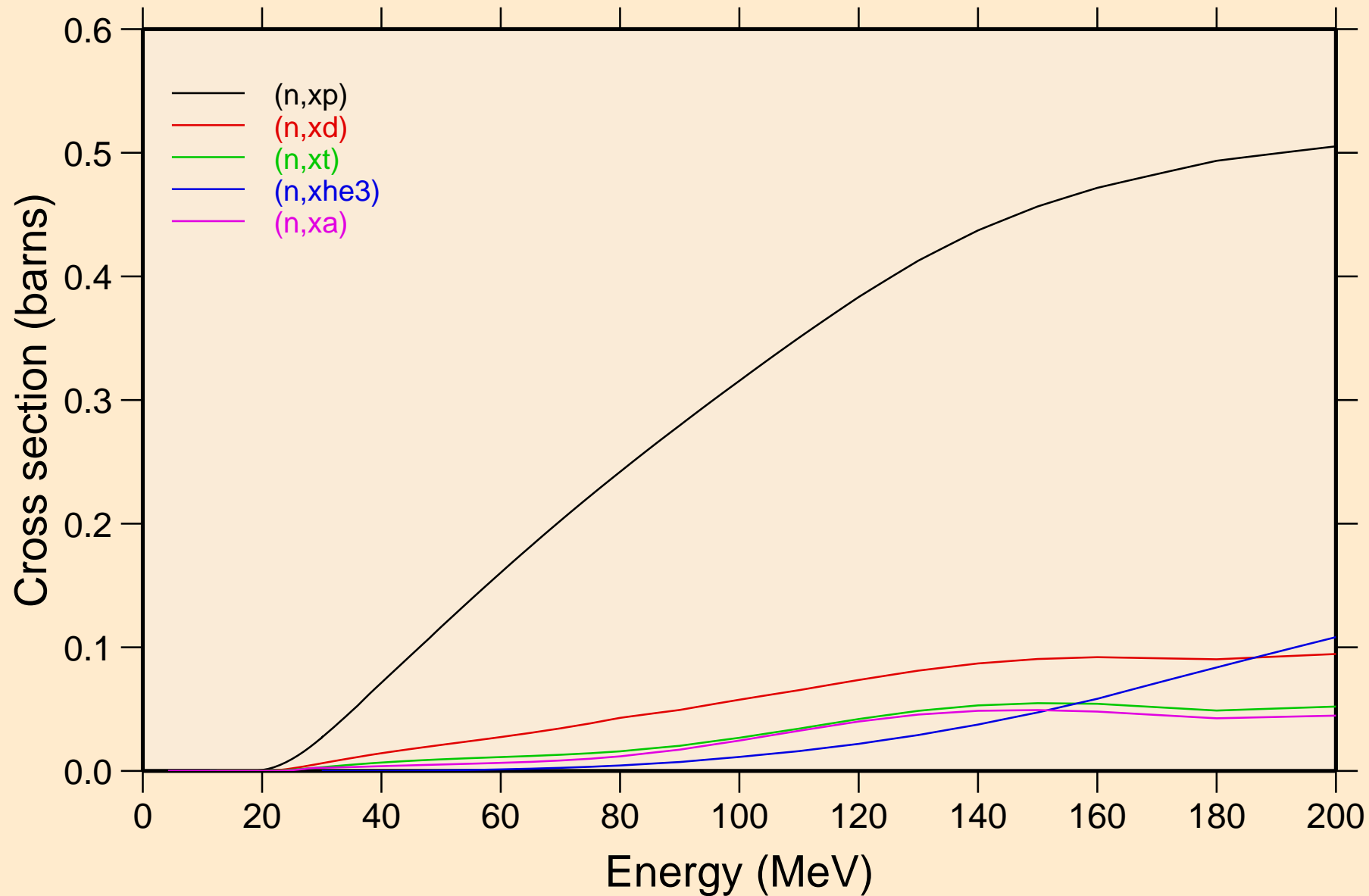
## Threshold reactions



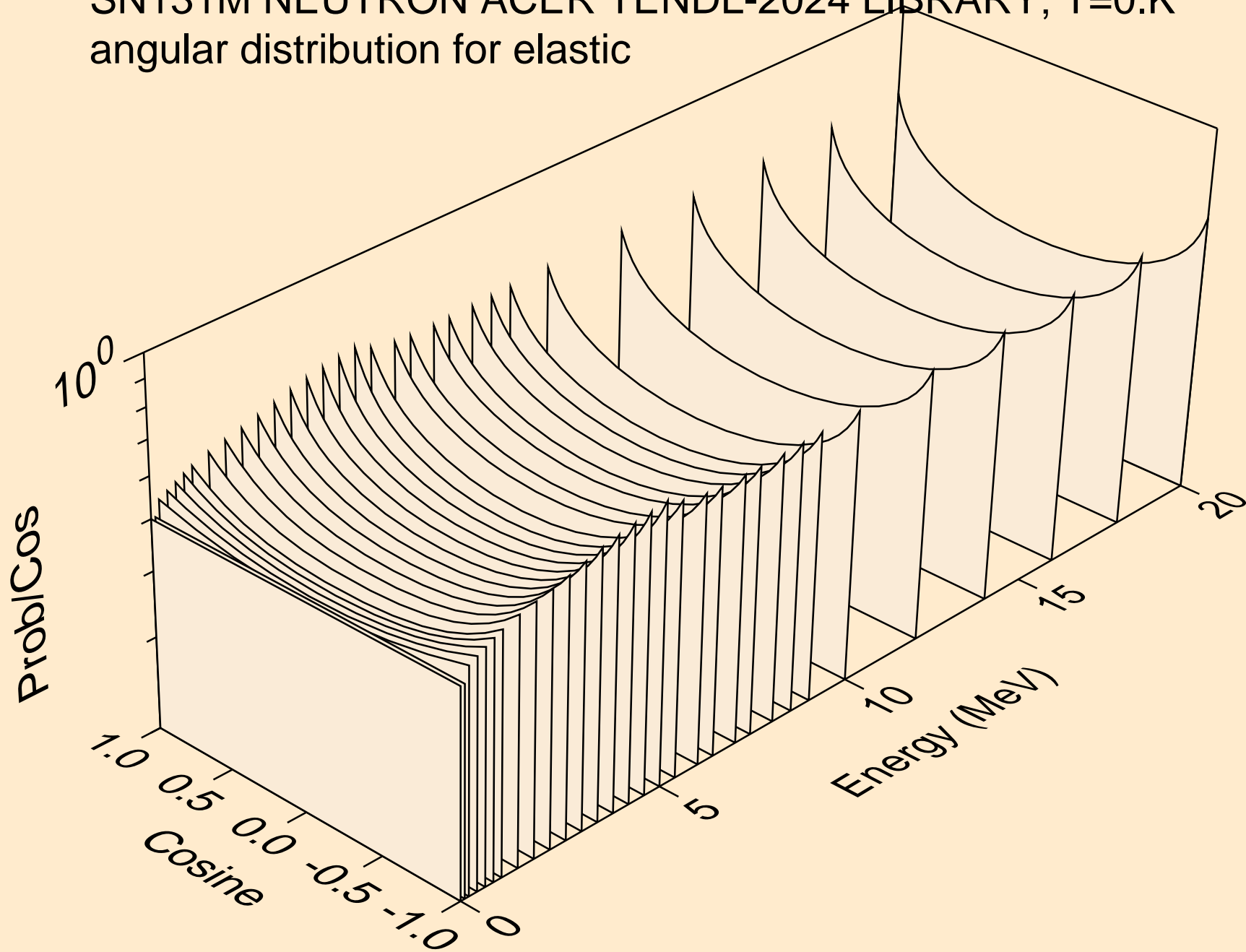


# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

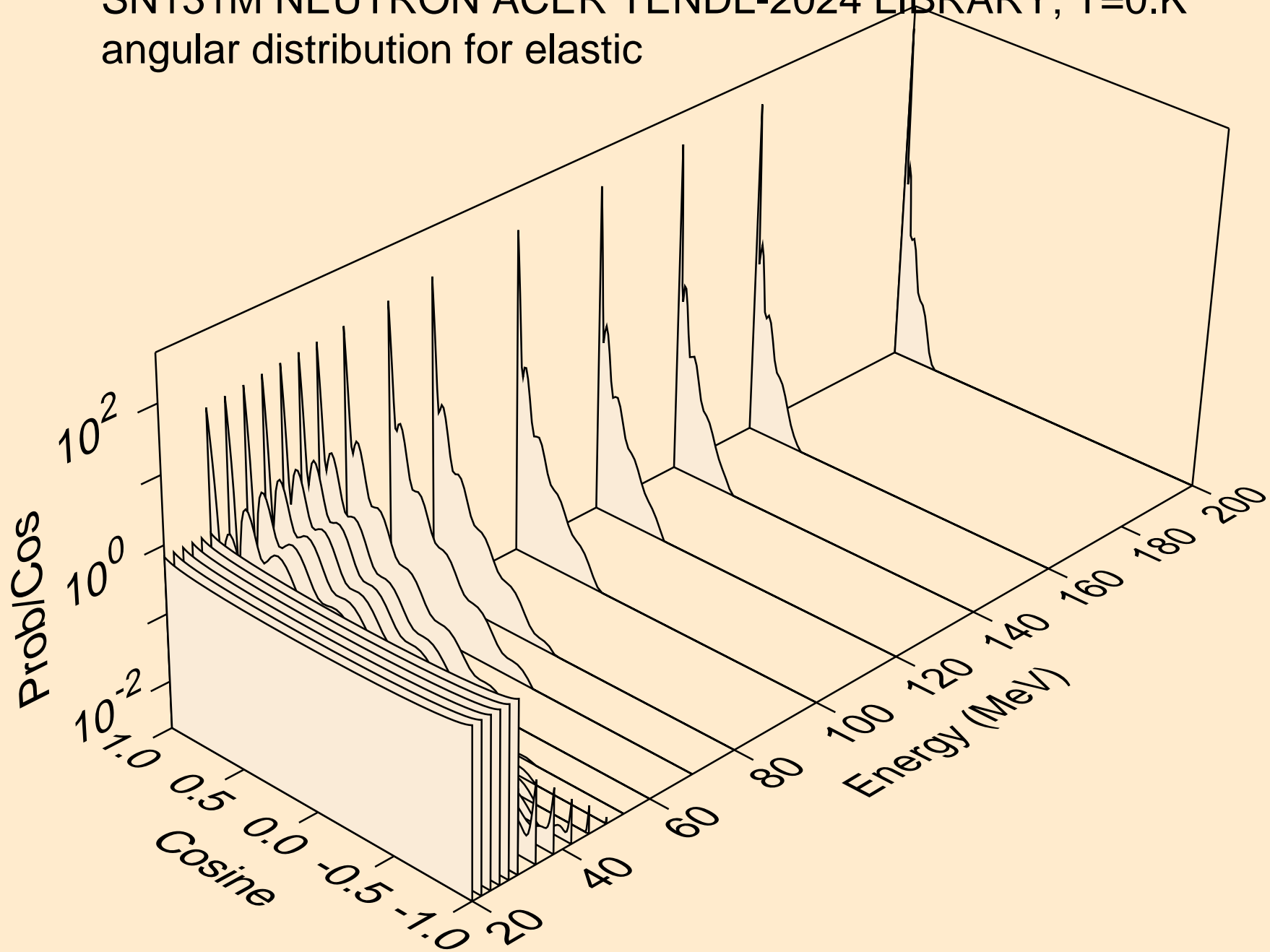
## Threshold reactions



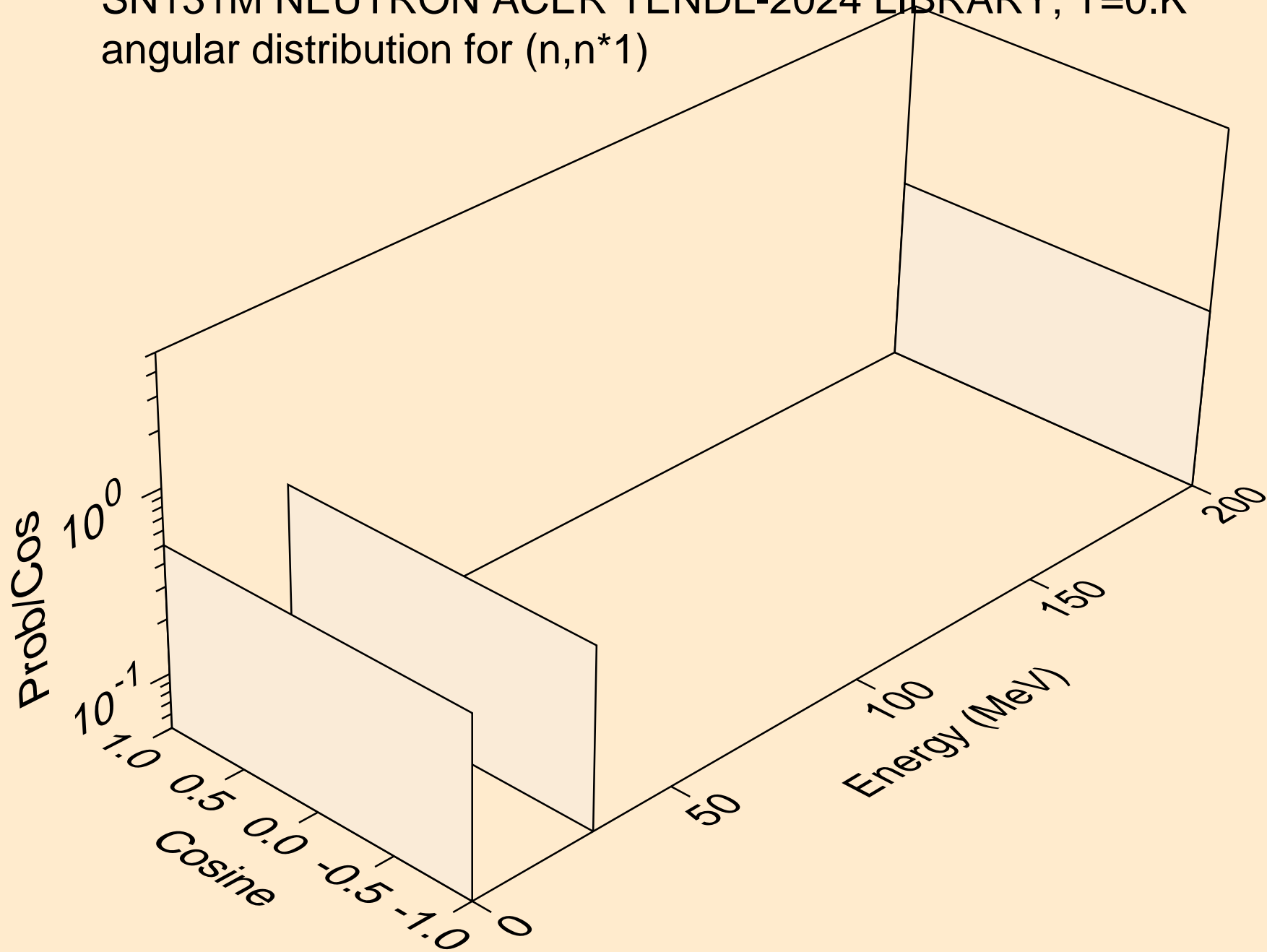
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



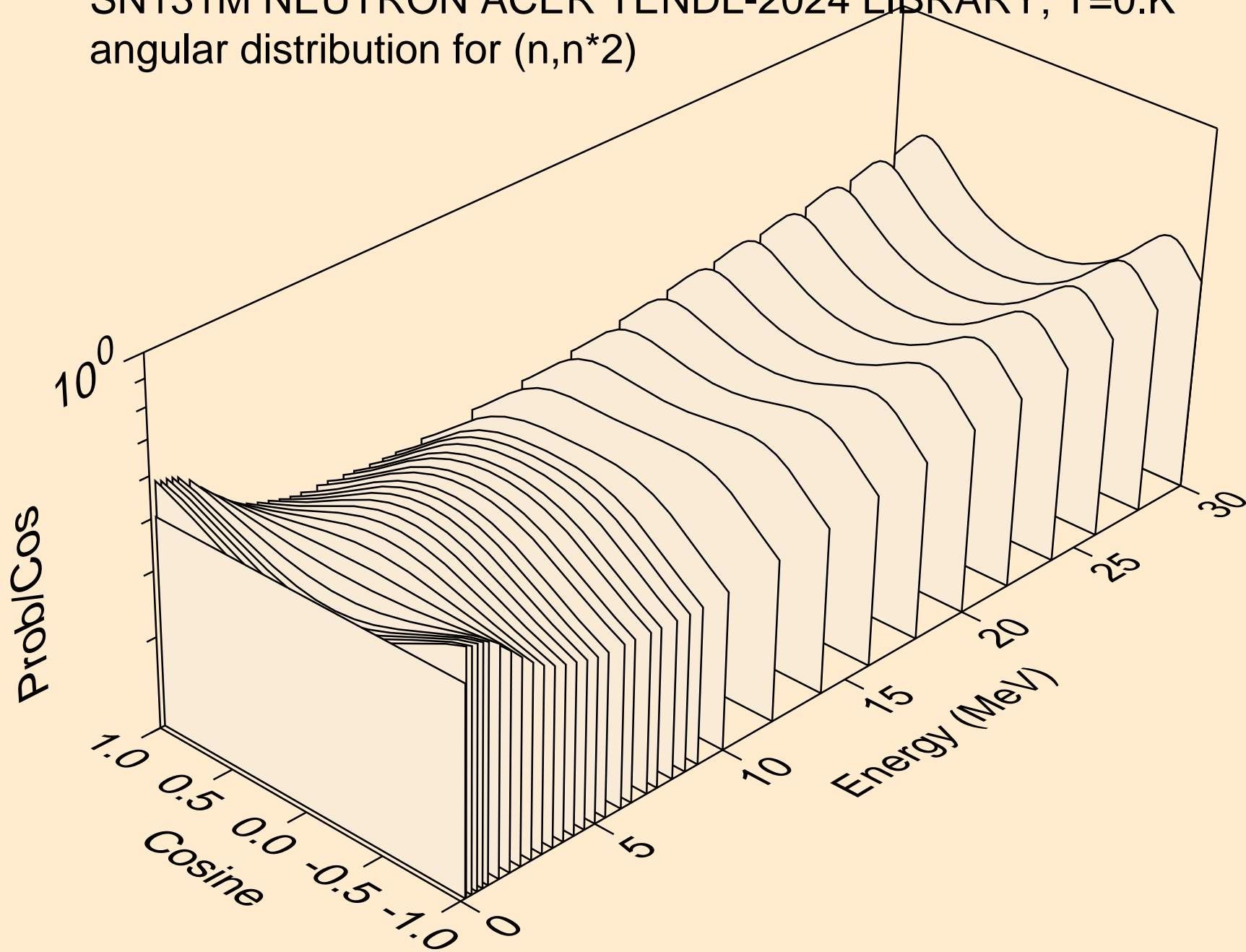
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



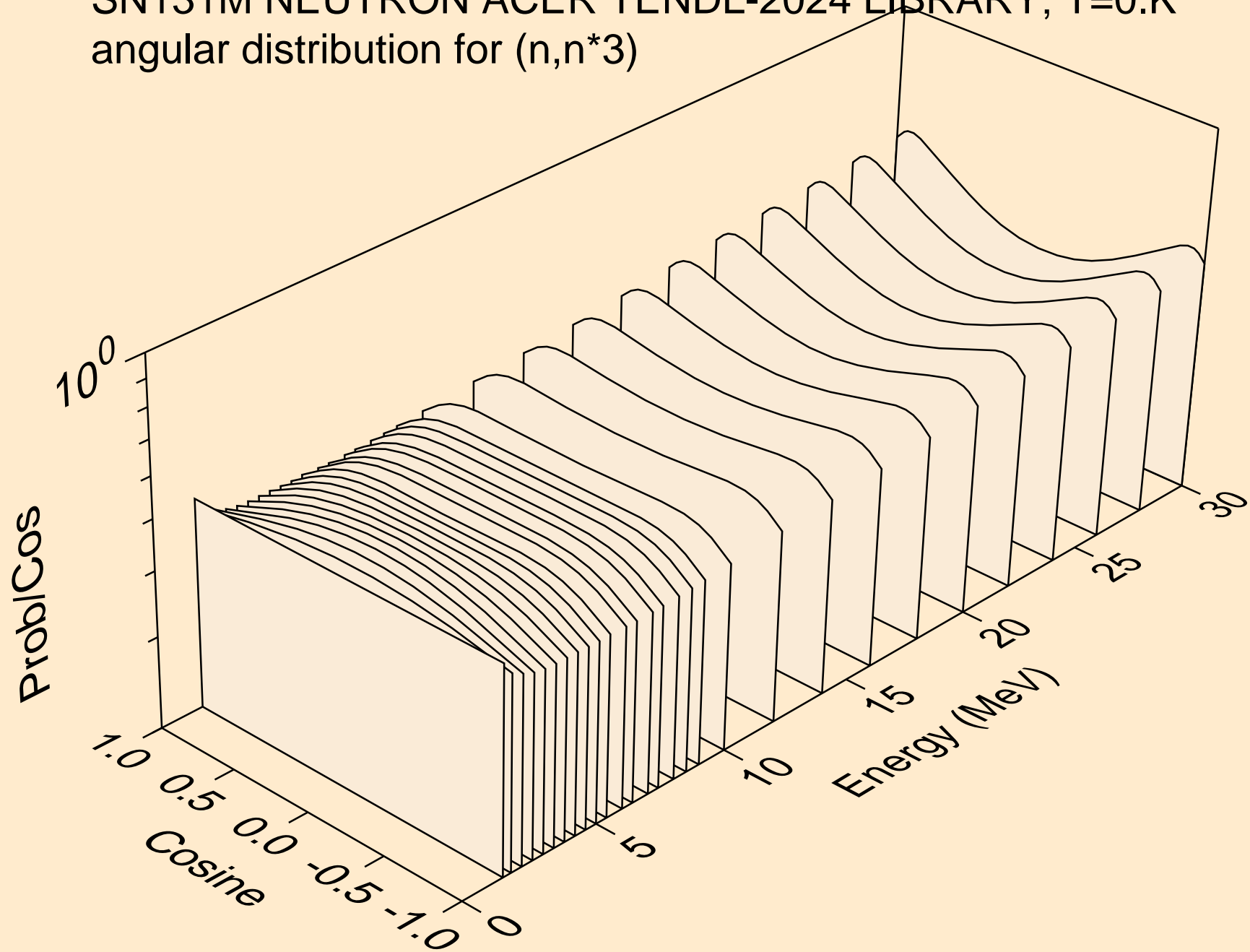
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



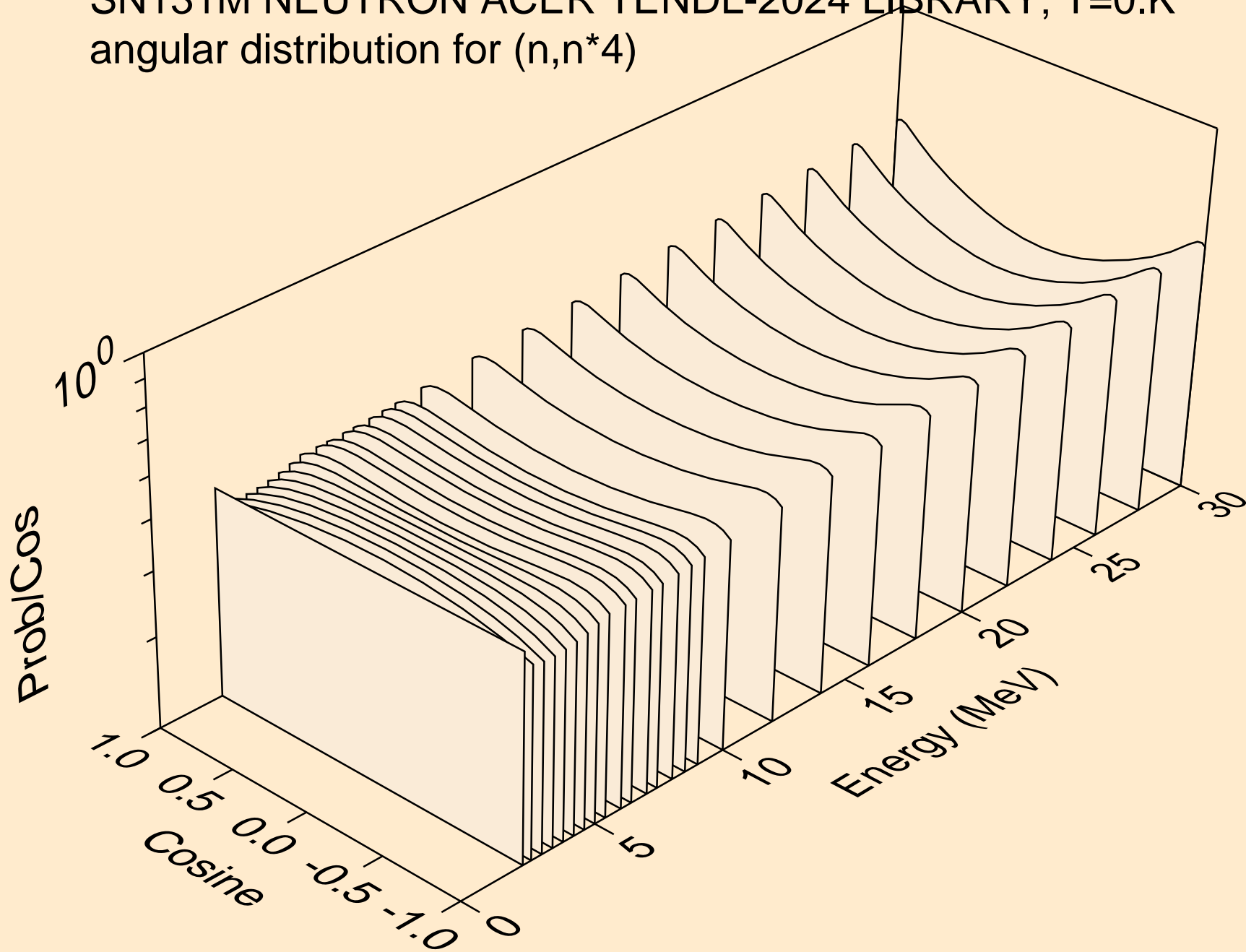
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



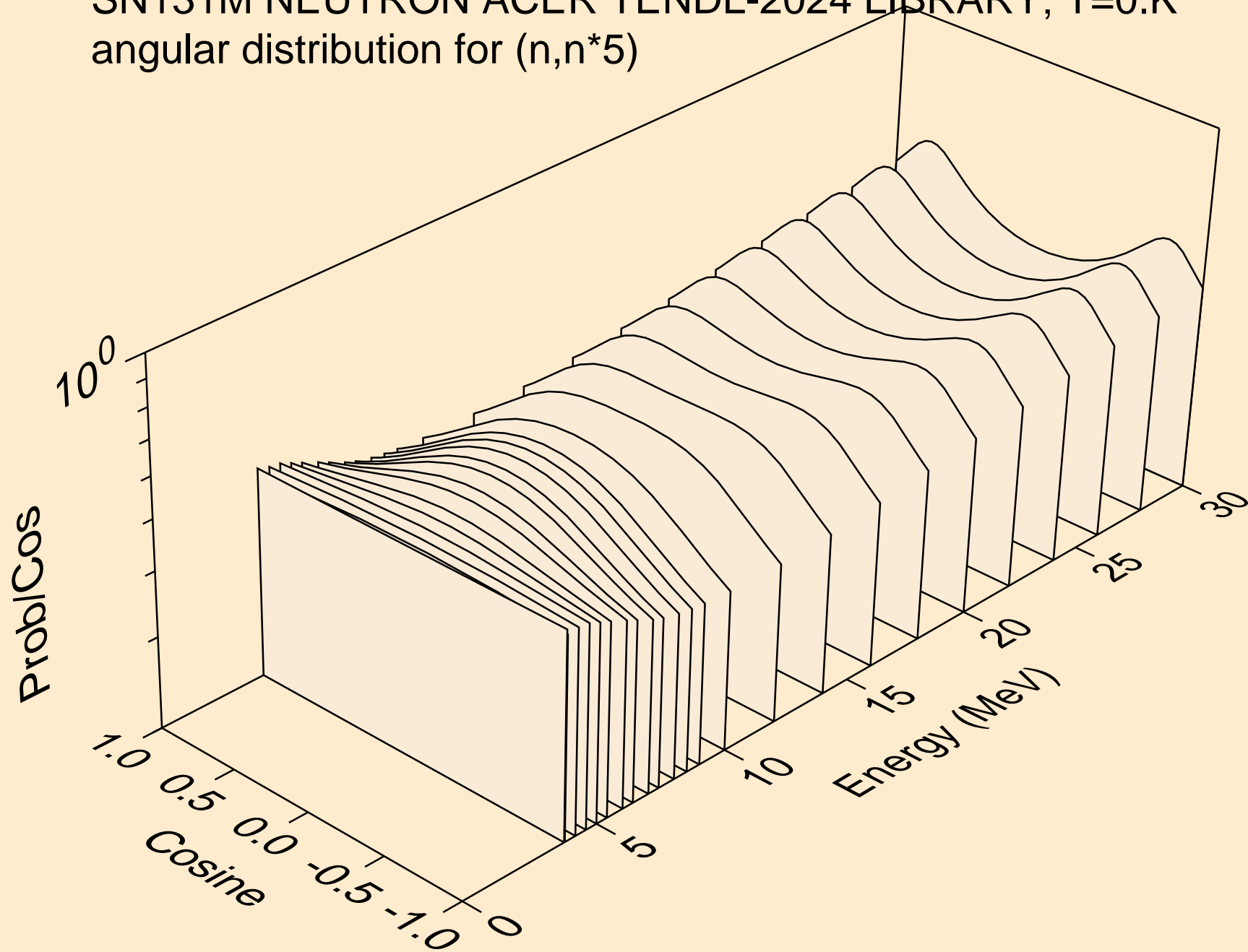
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)

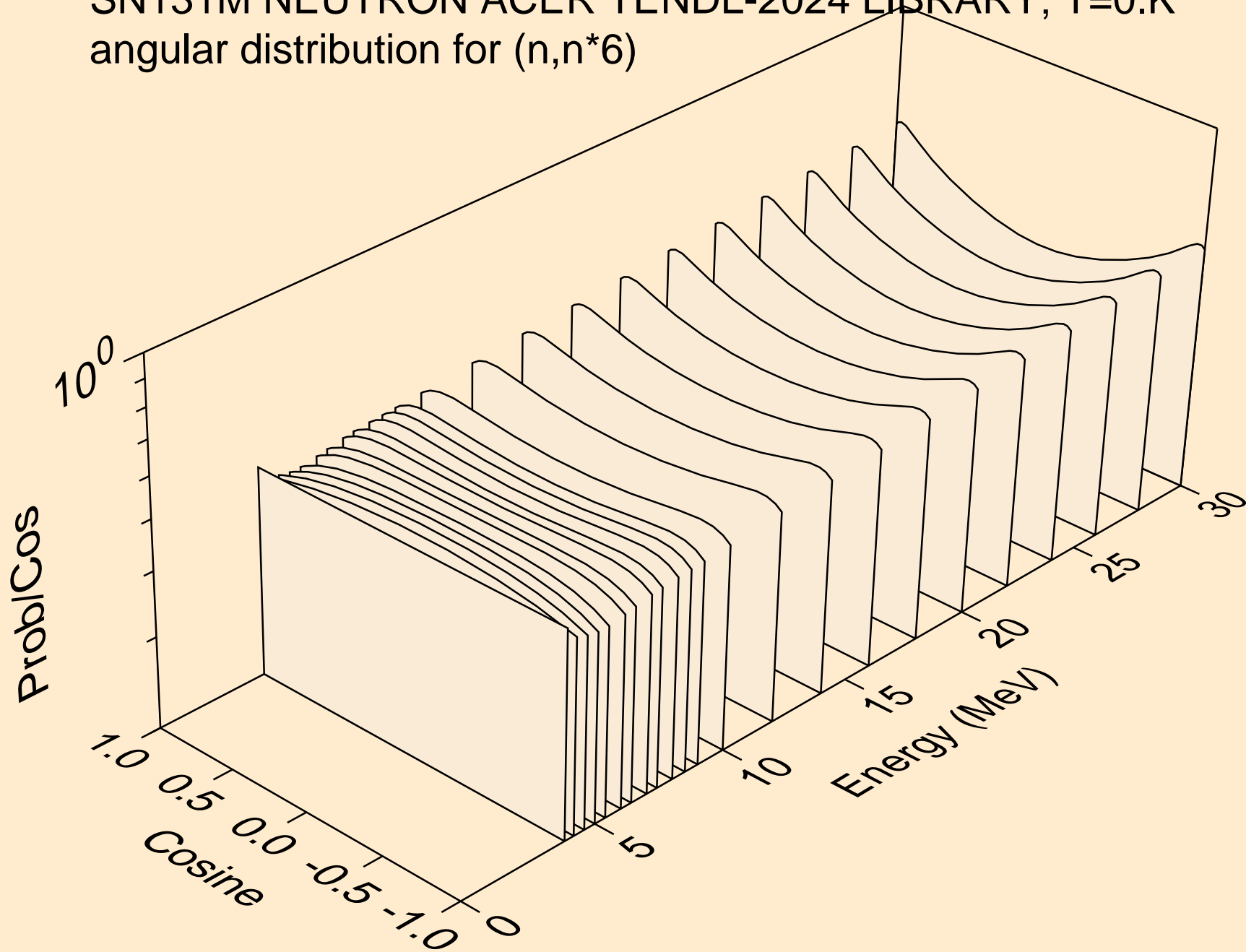


SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)

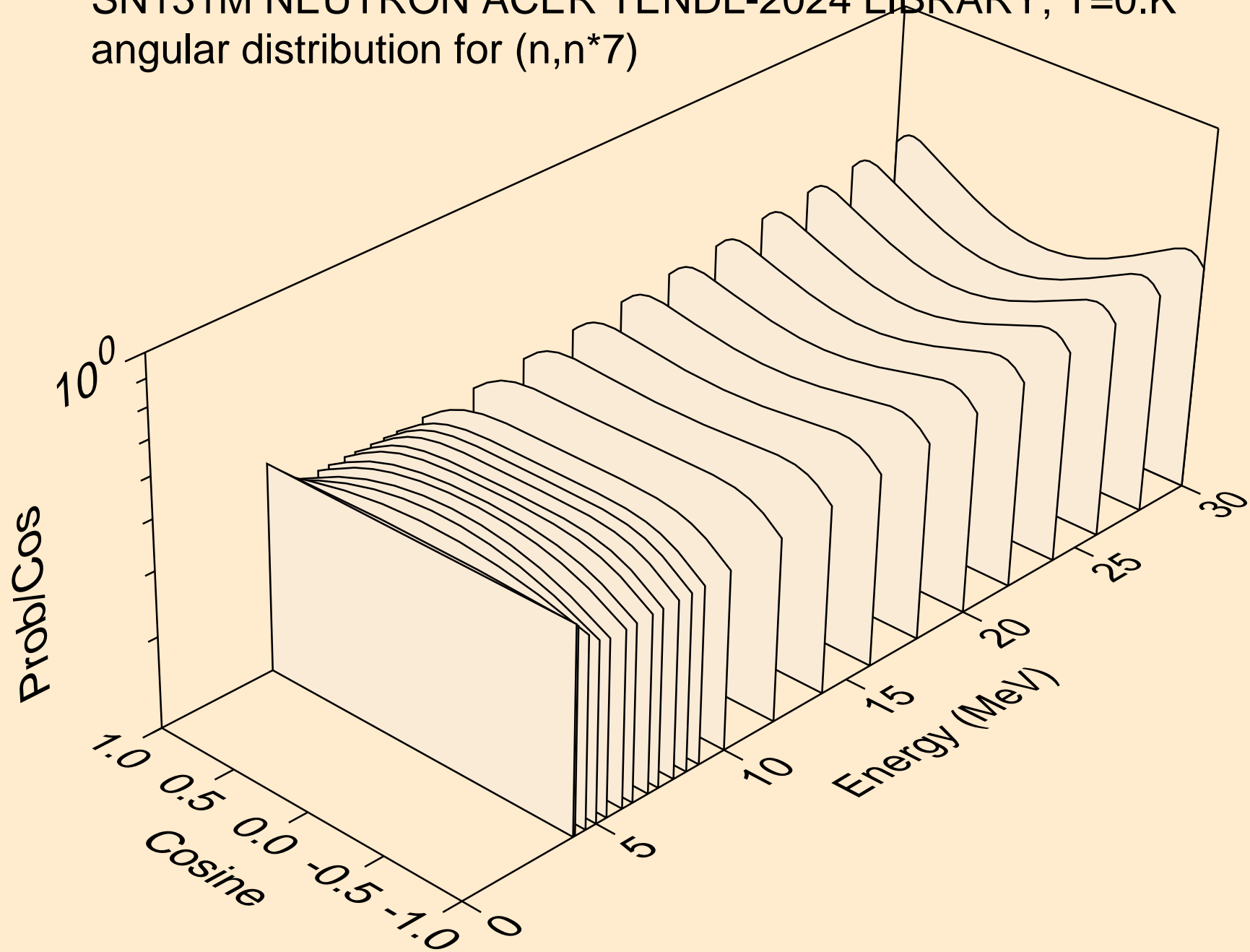




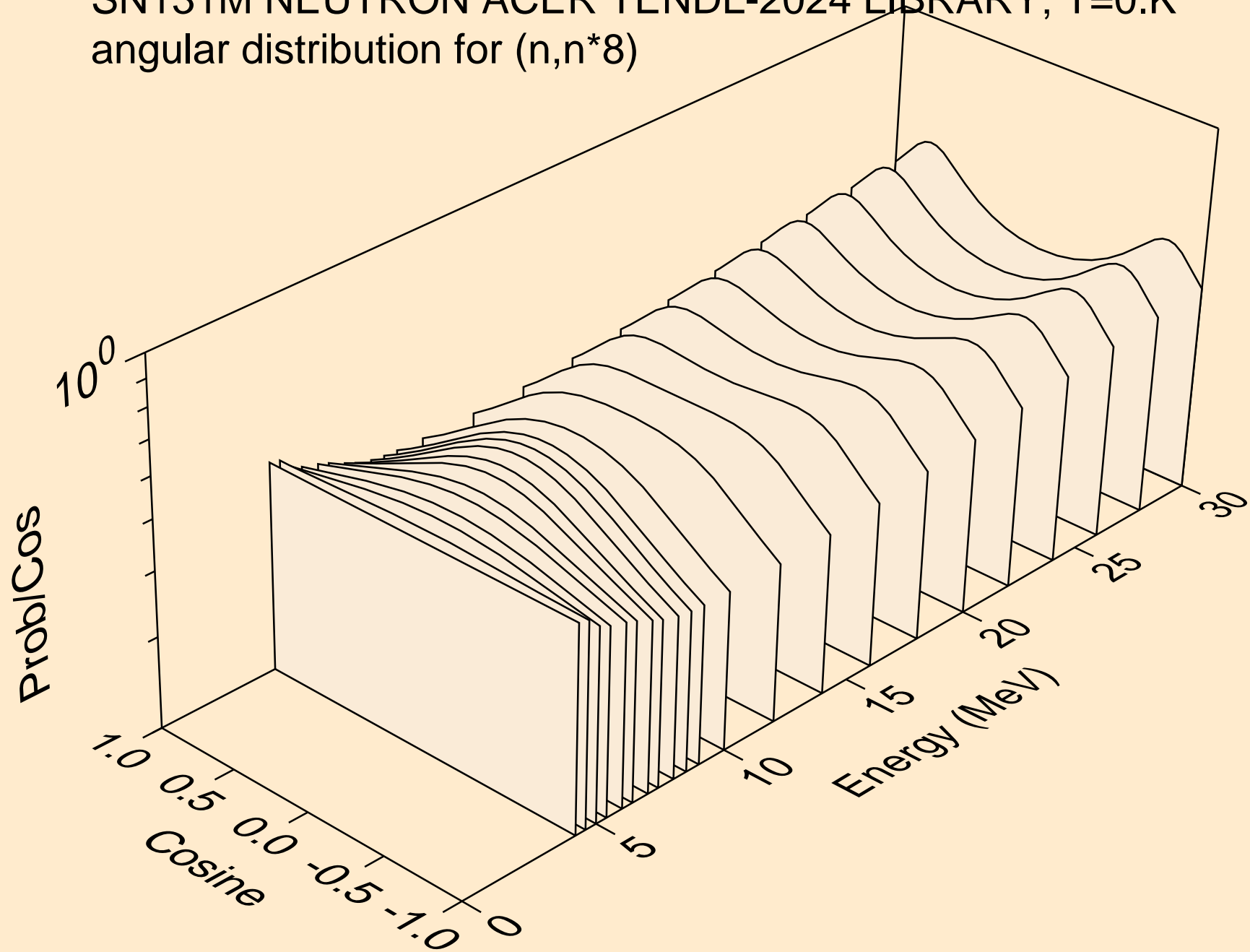
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



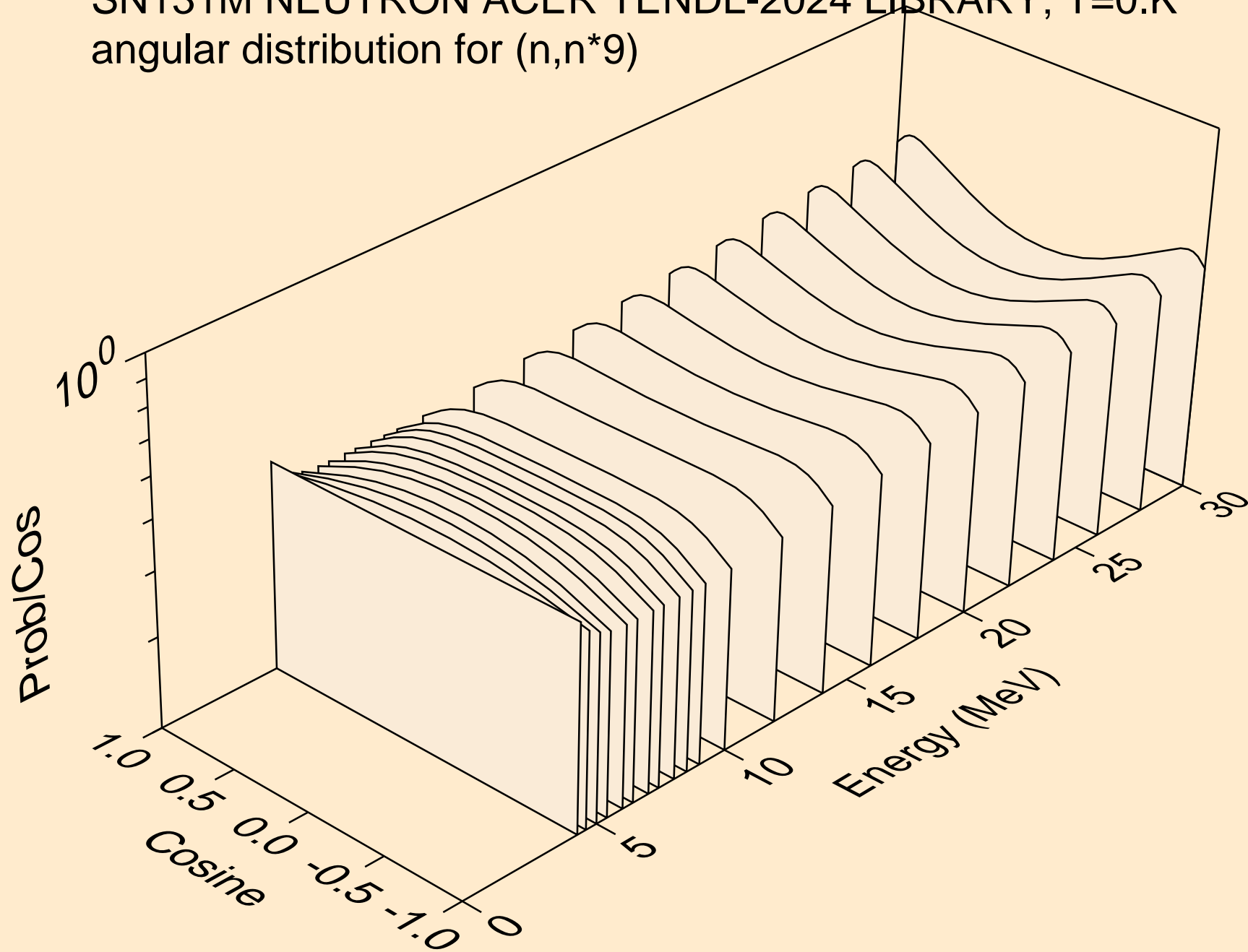
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



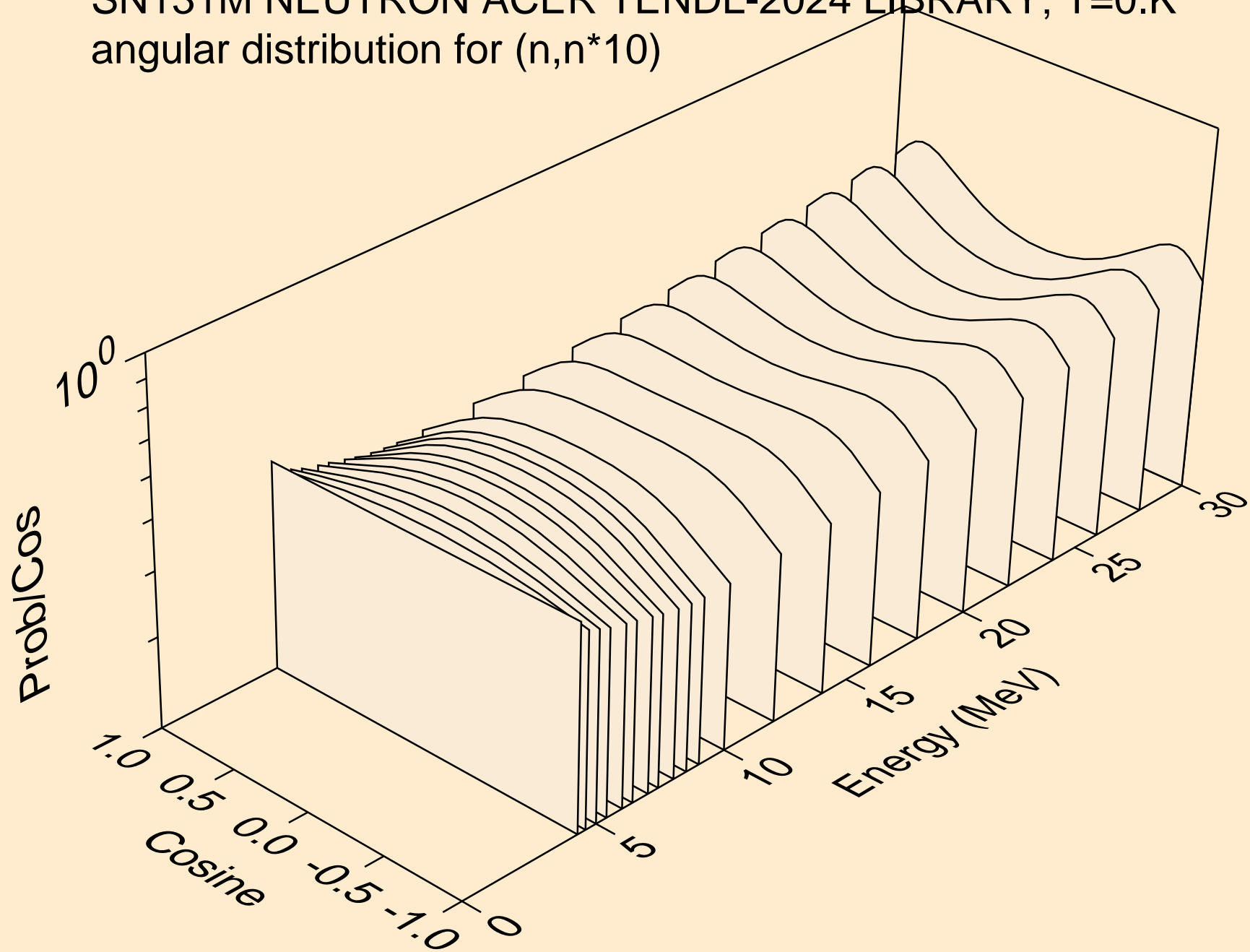
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



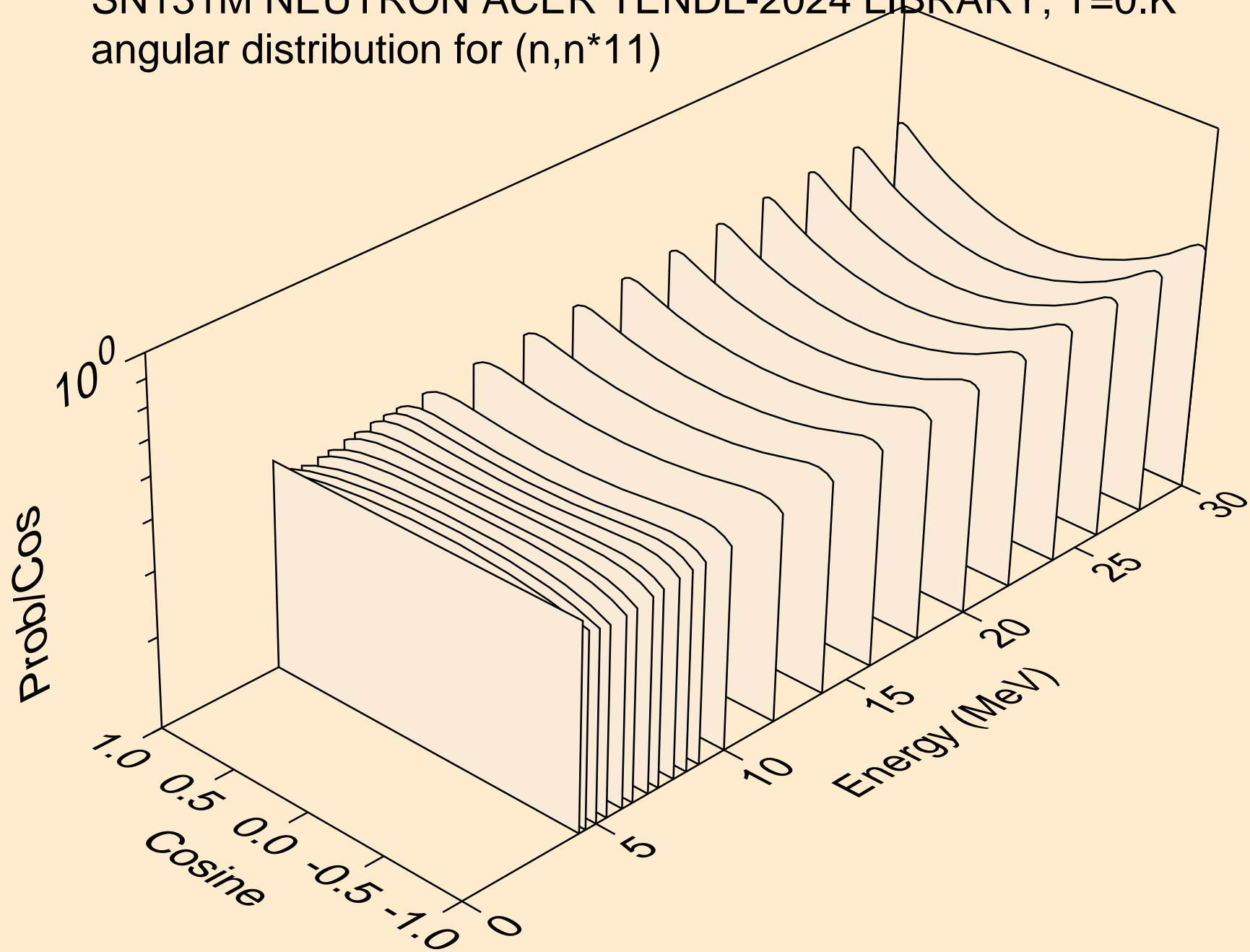
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



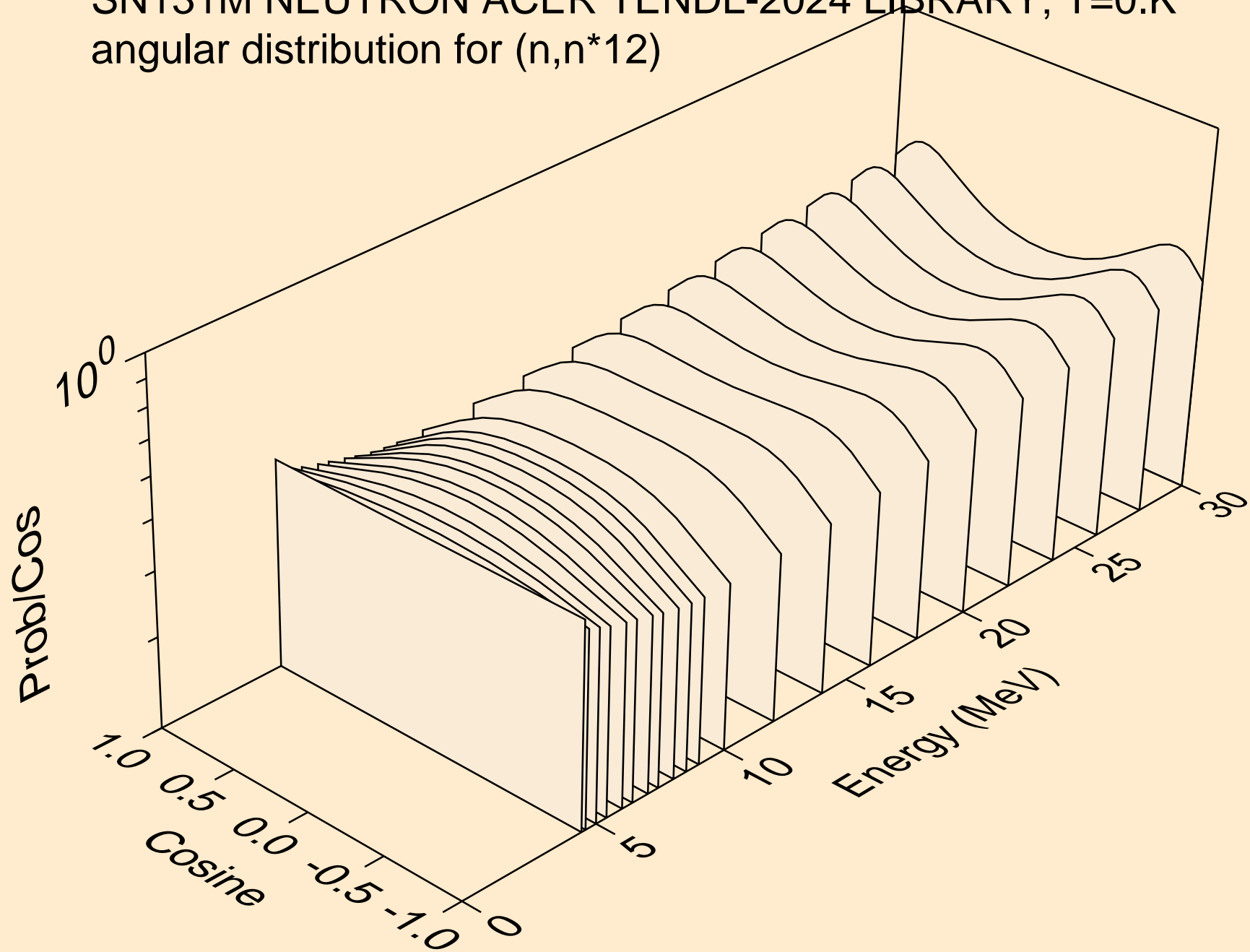
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



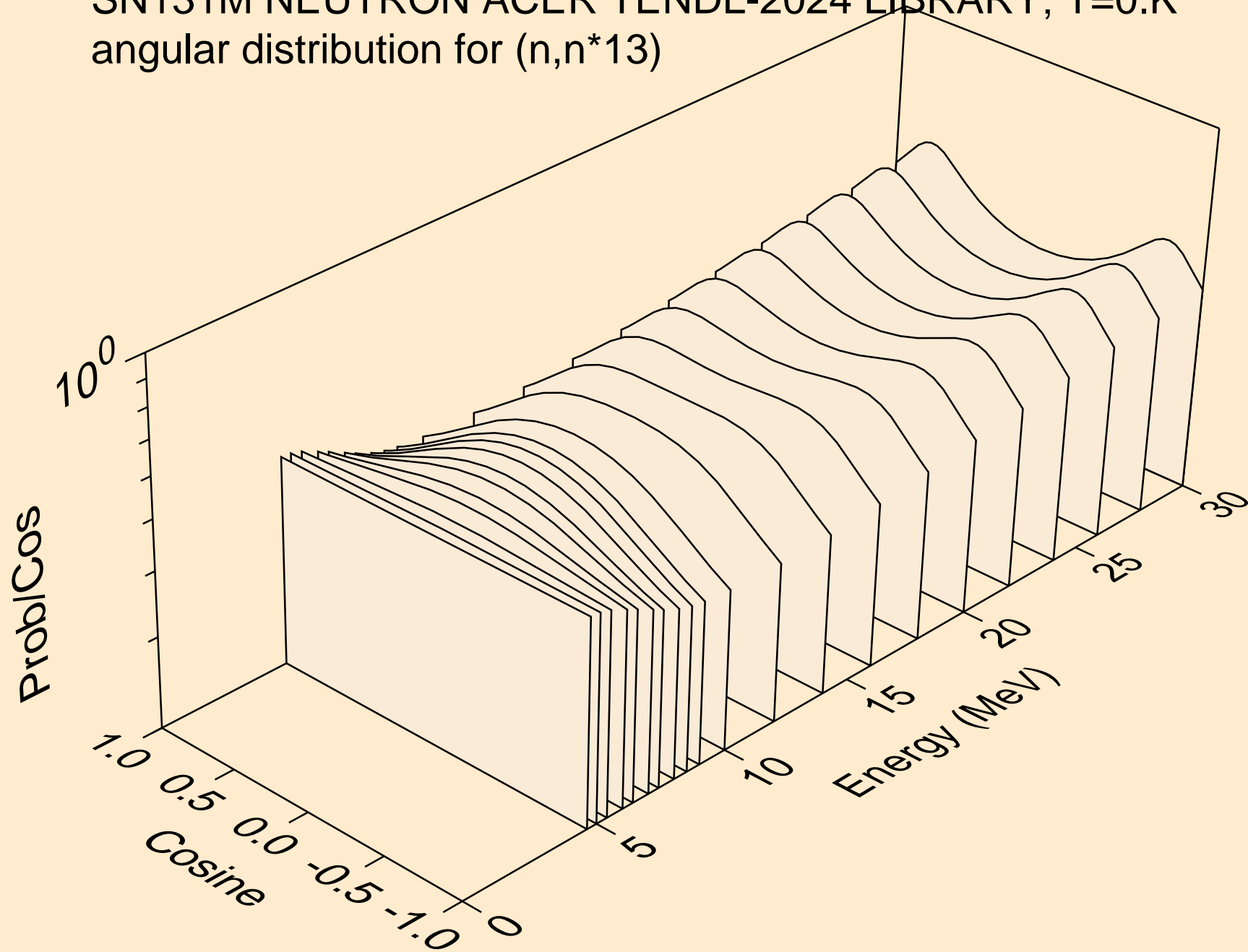
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)

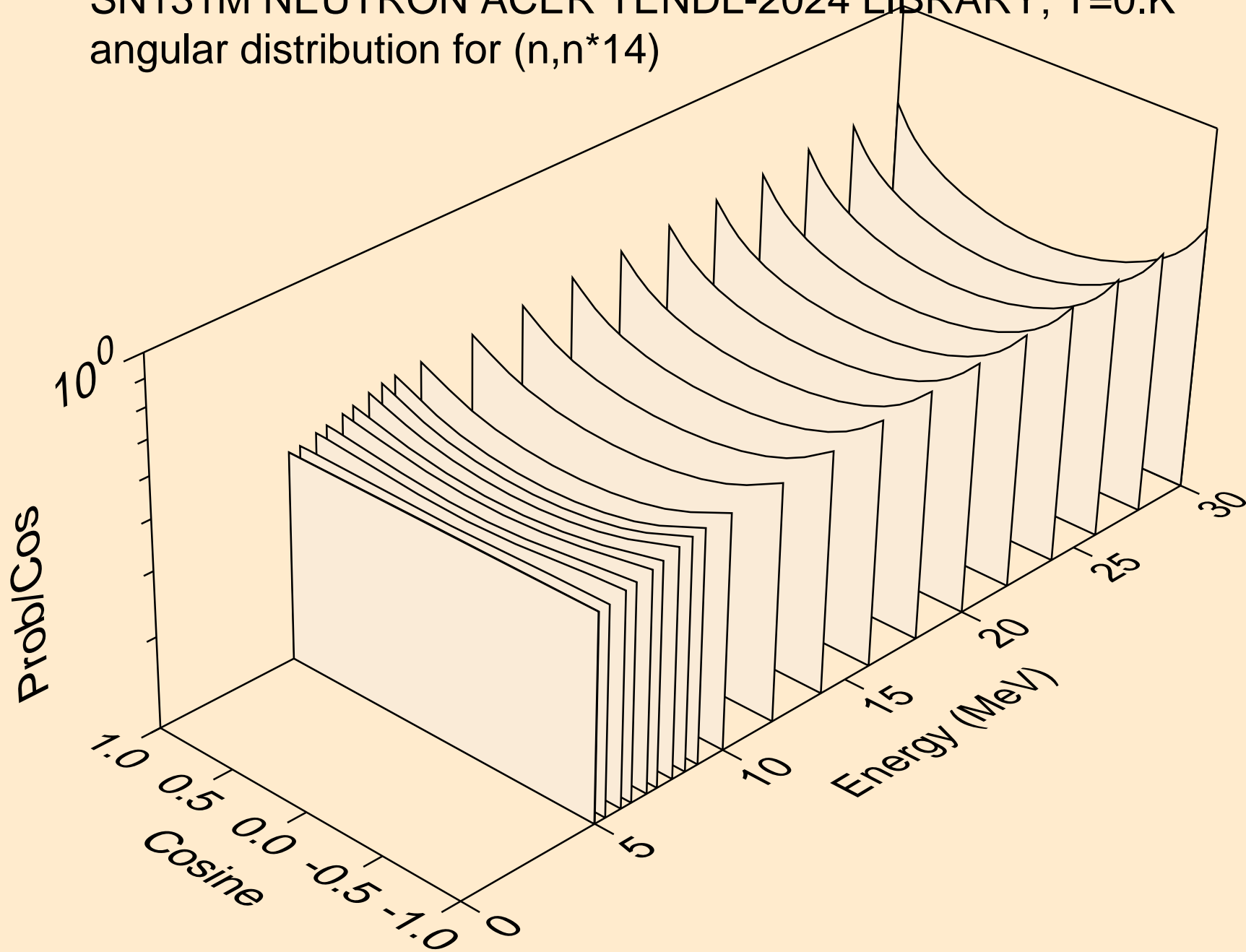


SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)

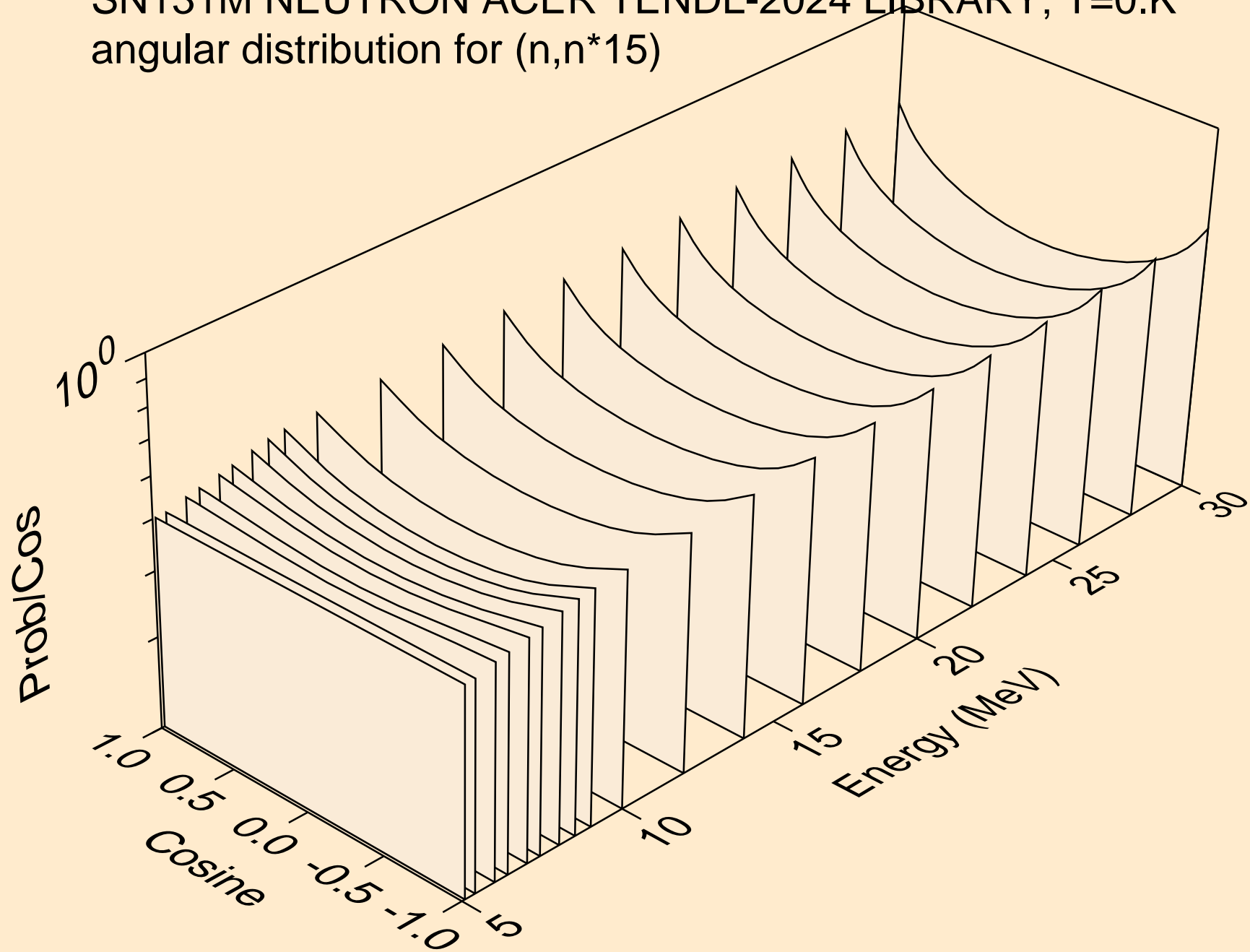




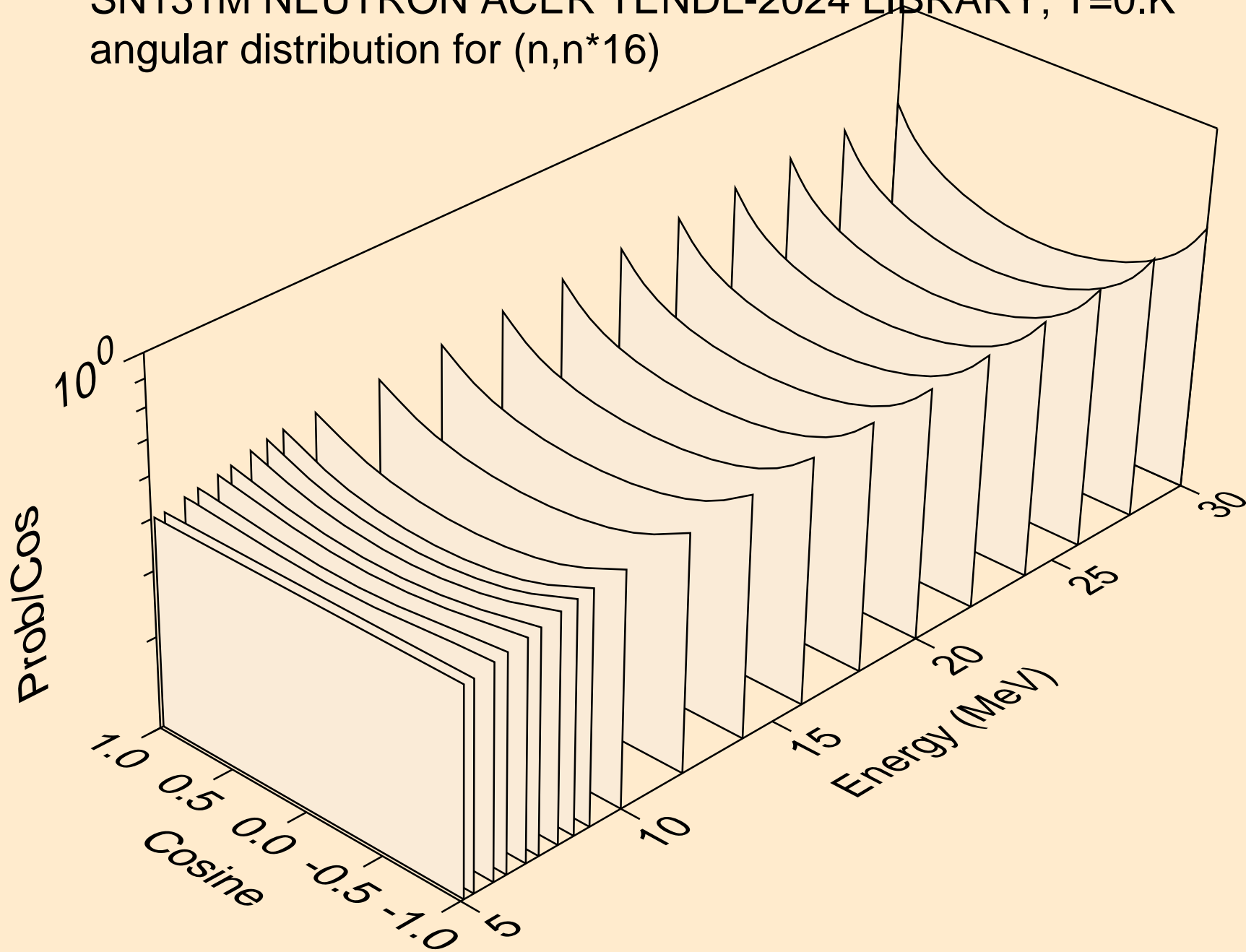
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



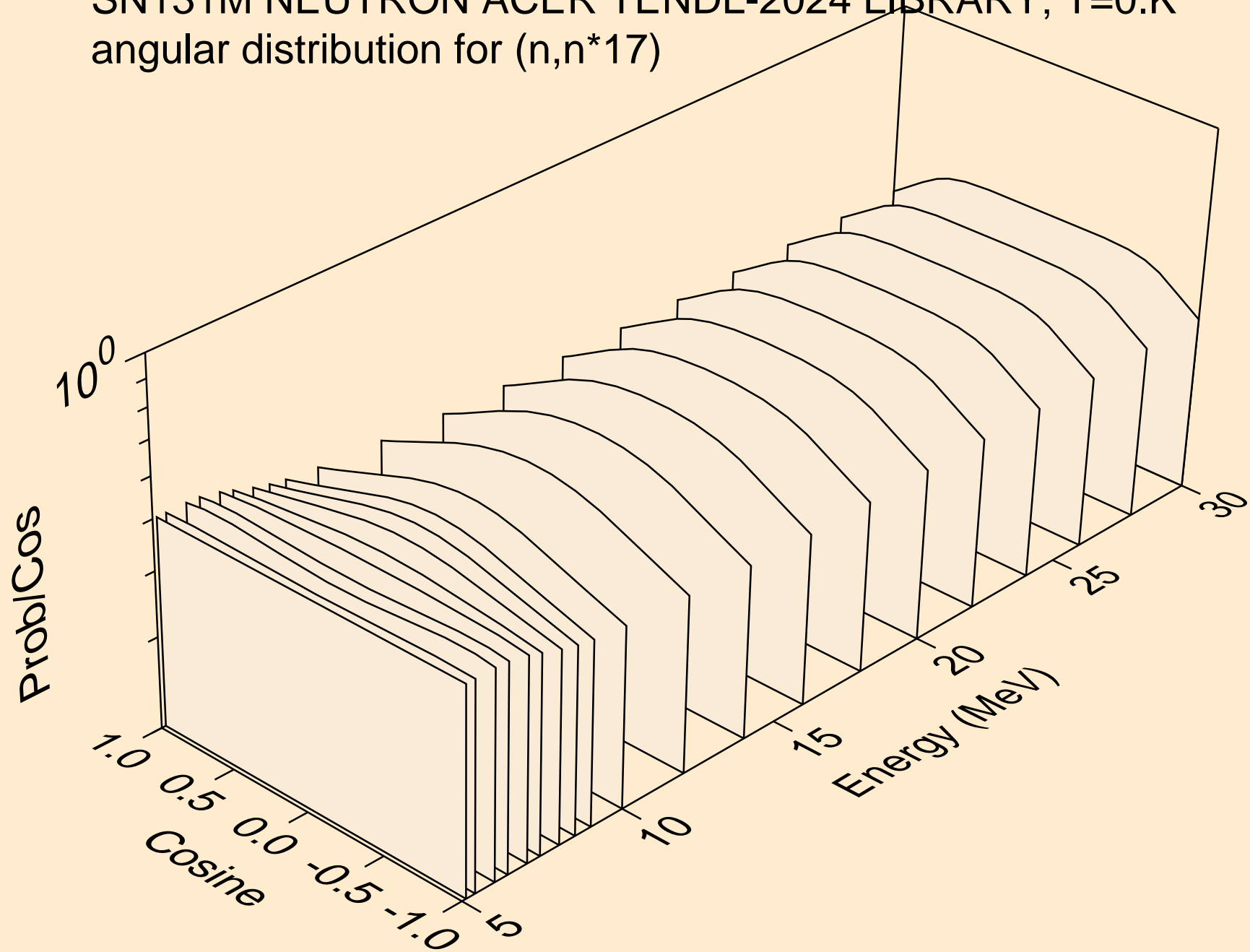
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



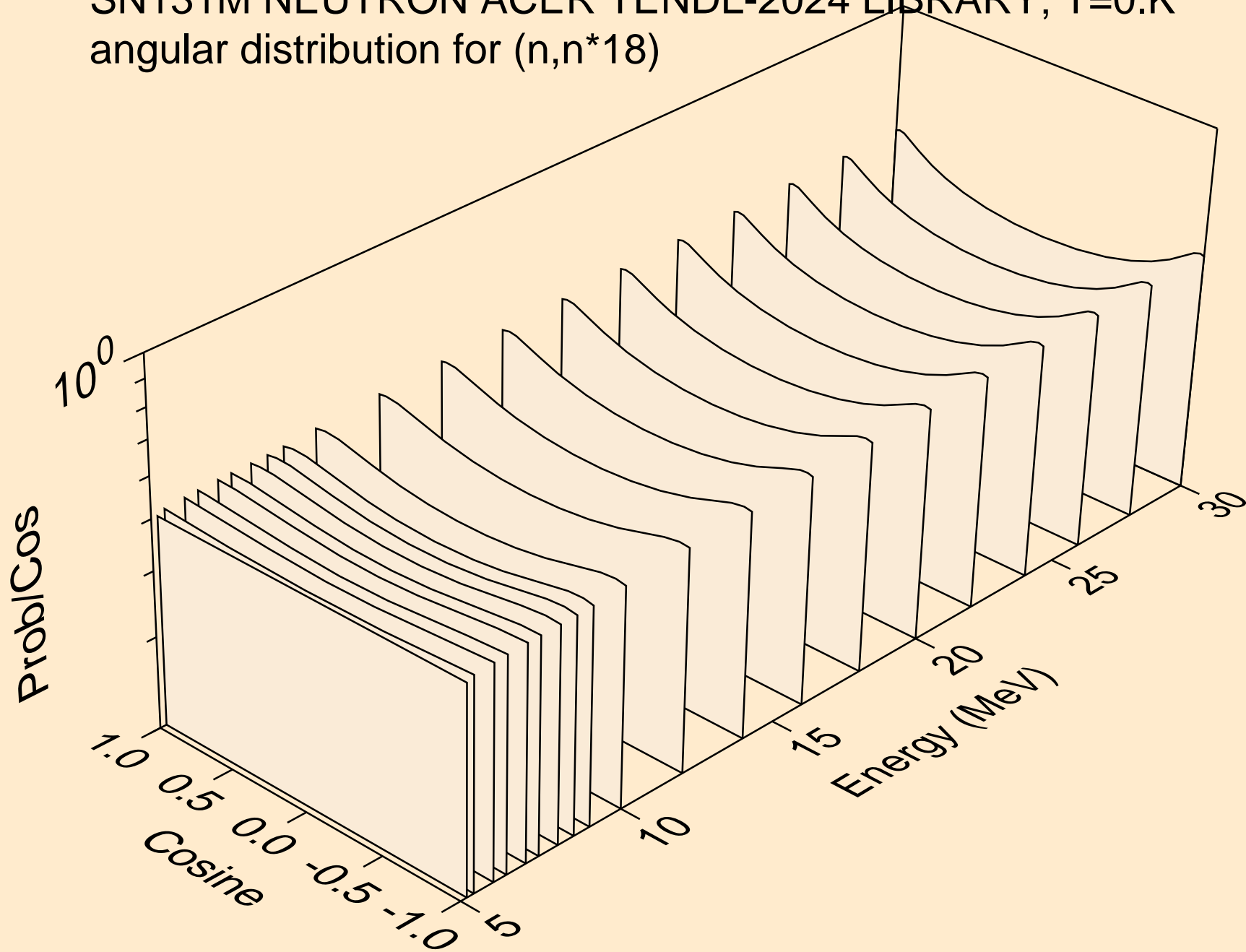
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



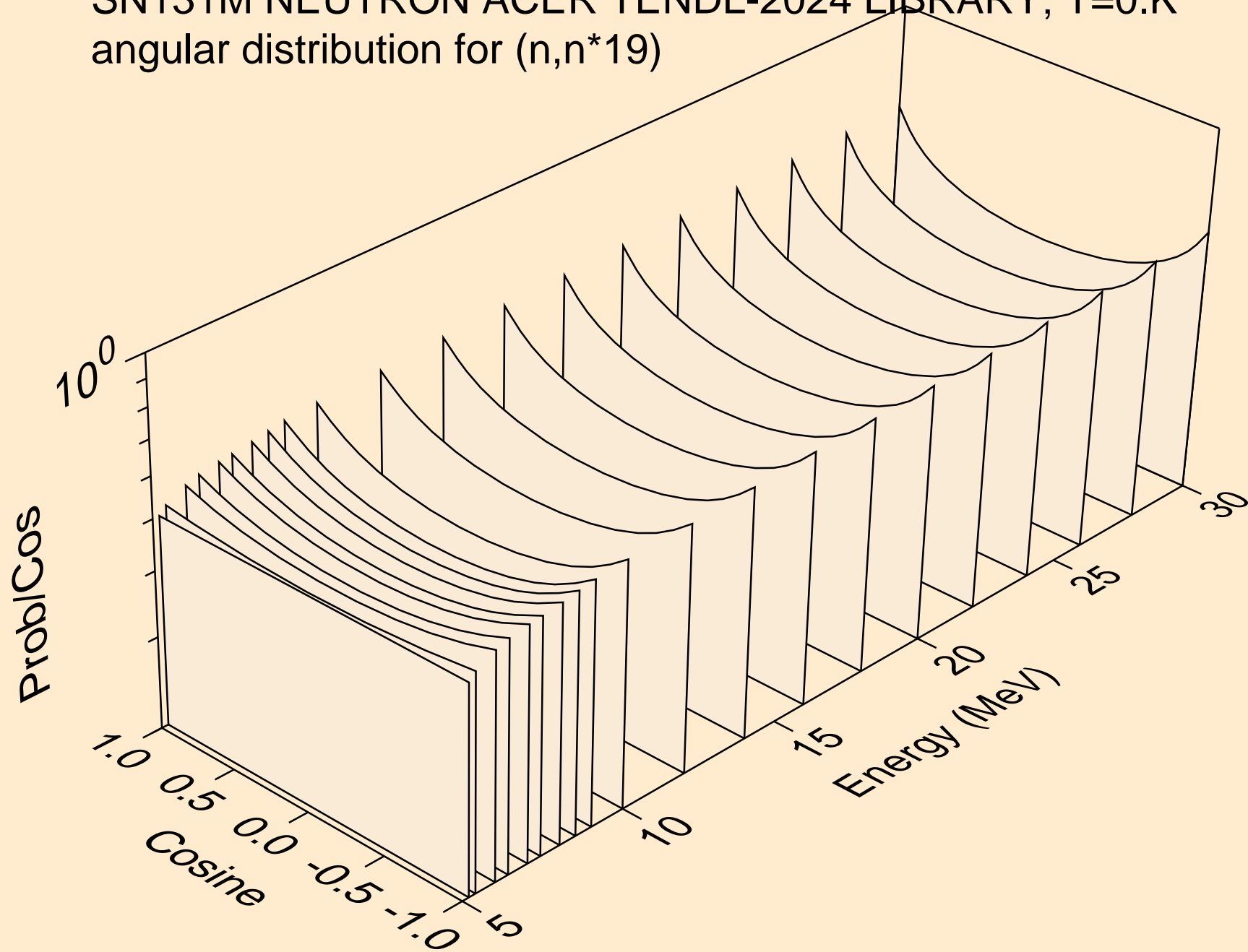
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



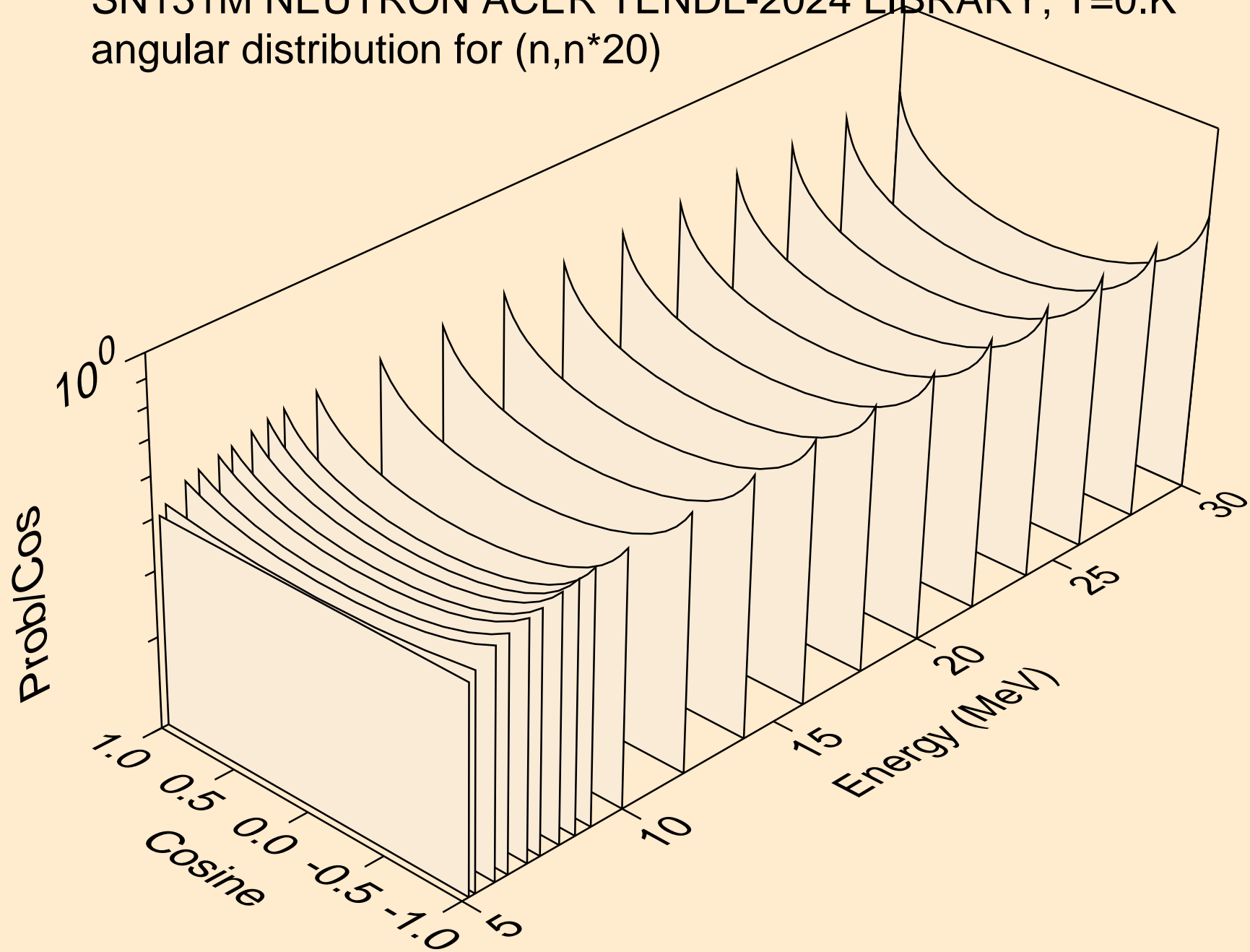
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angular distribution for (n,n\*18)



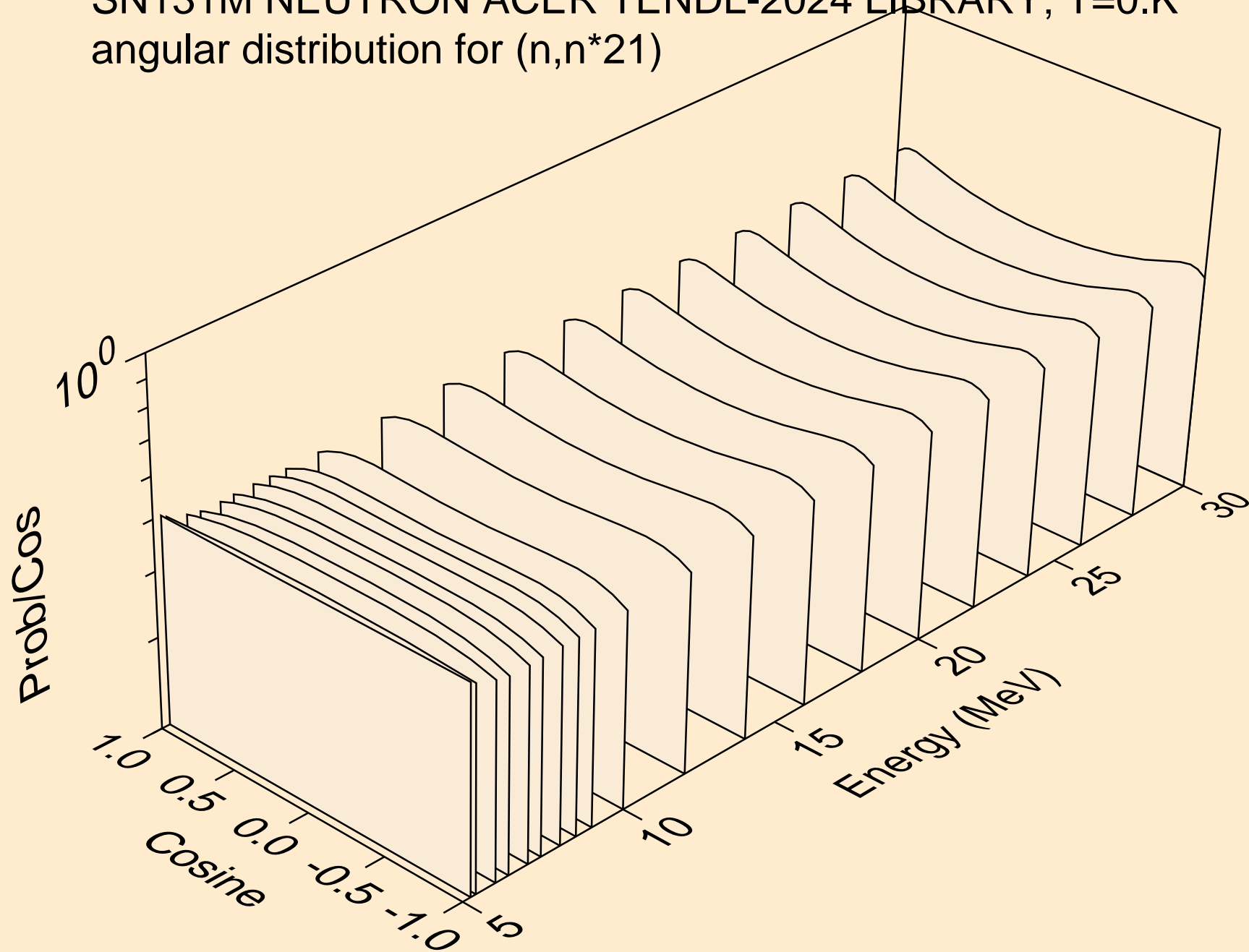
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)

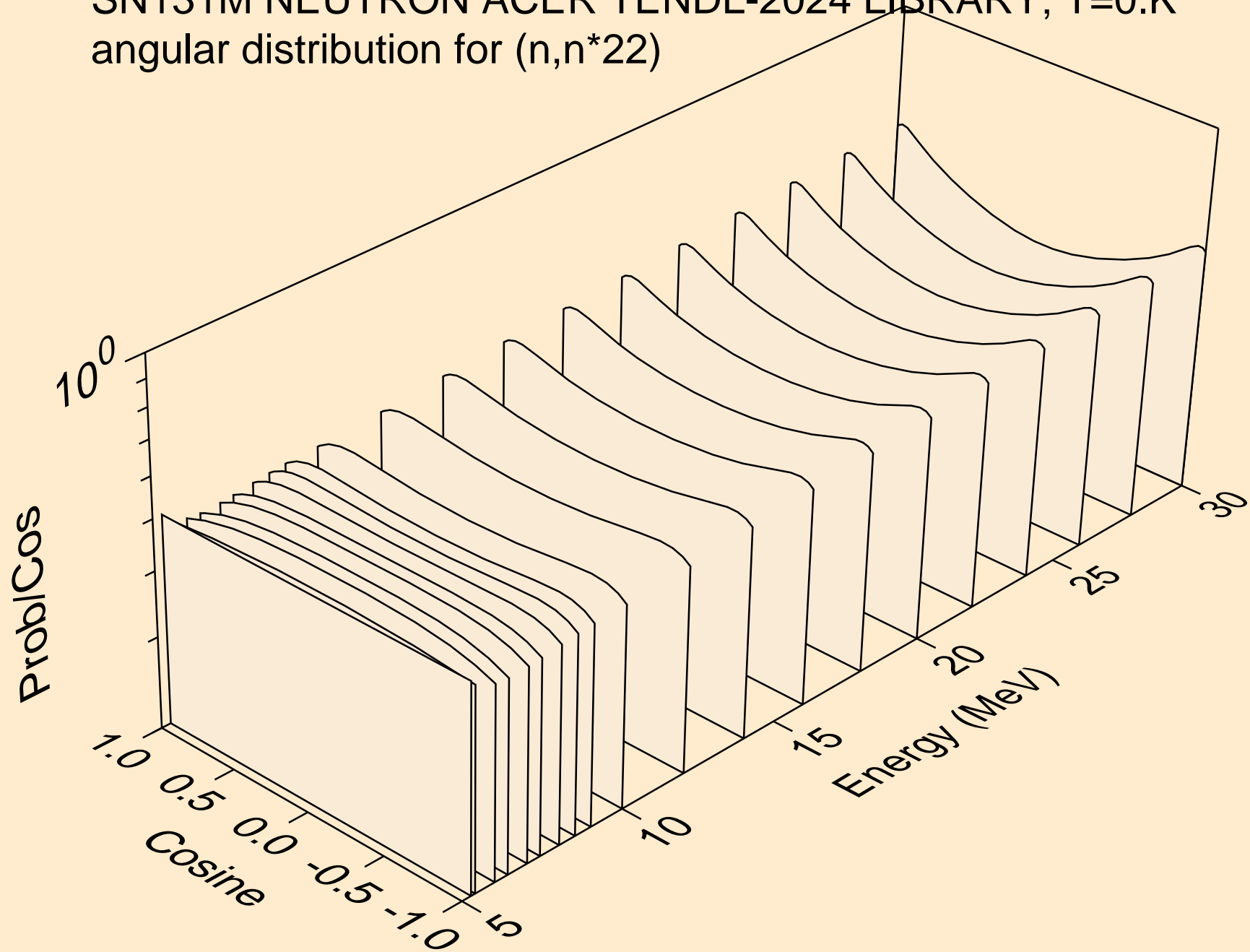


SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)

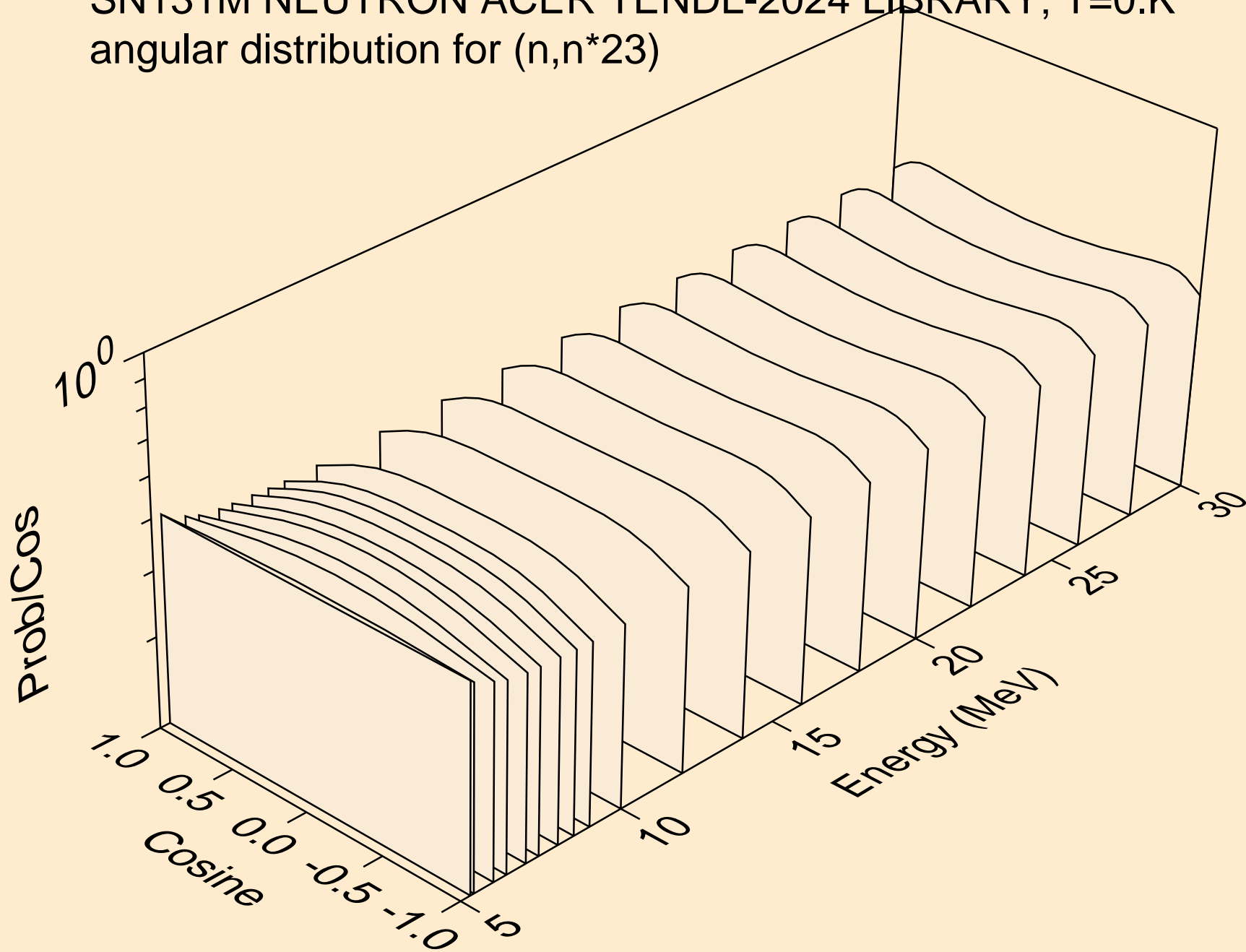




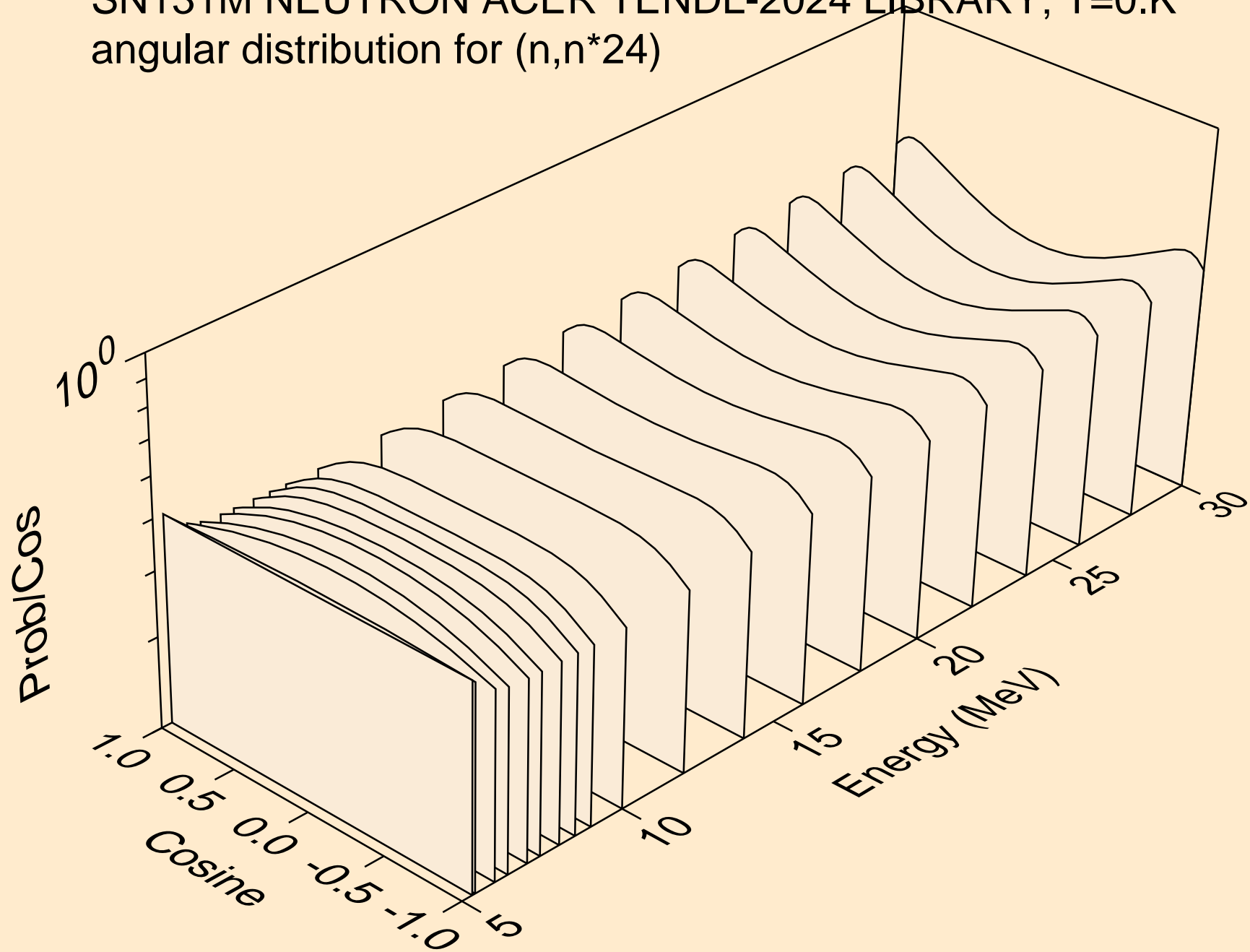
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



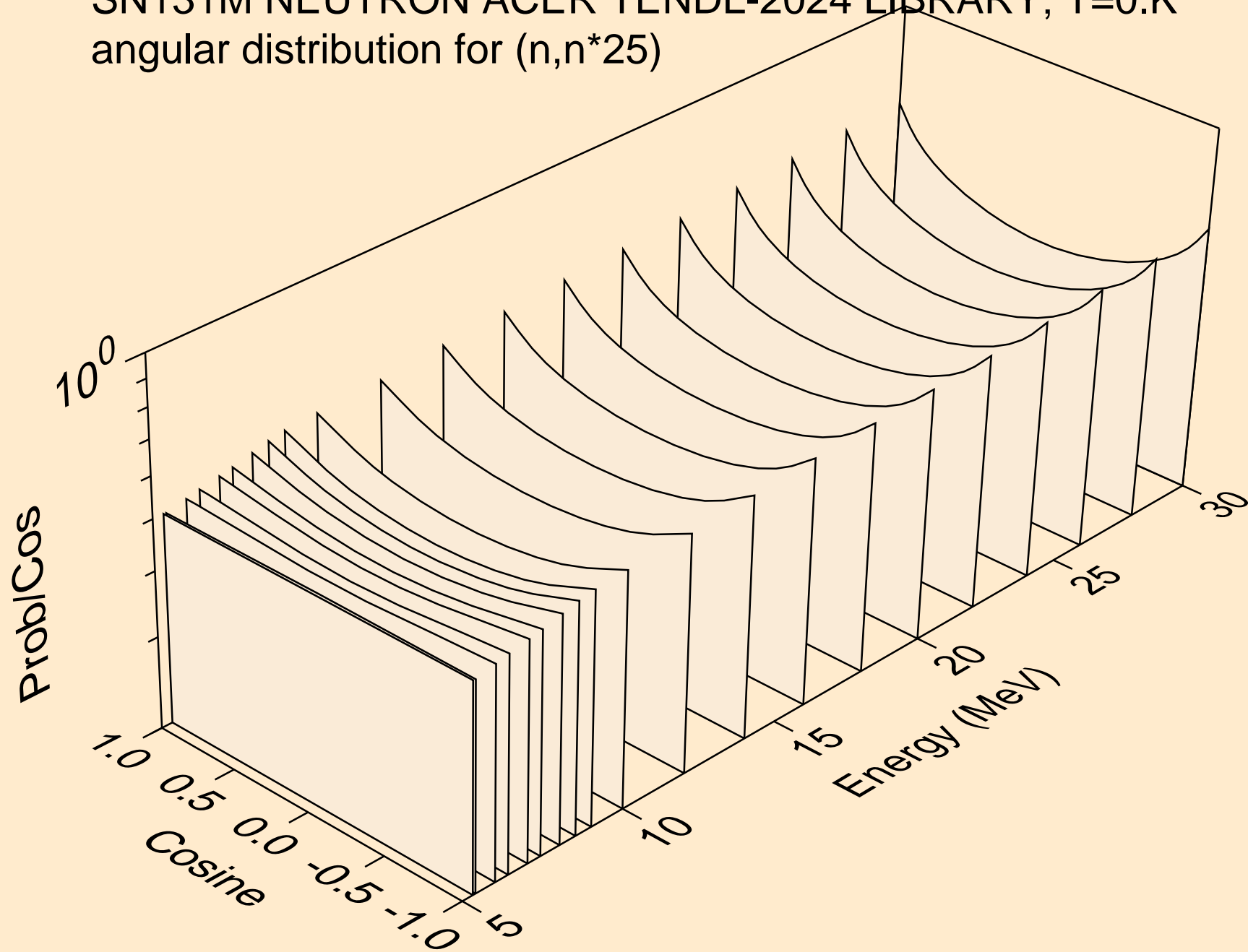
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angular distribution for (n,n\*23)



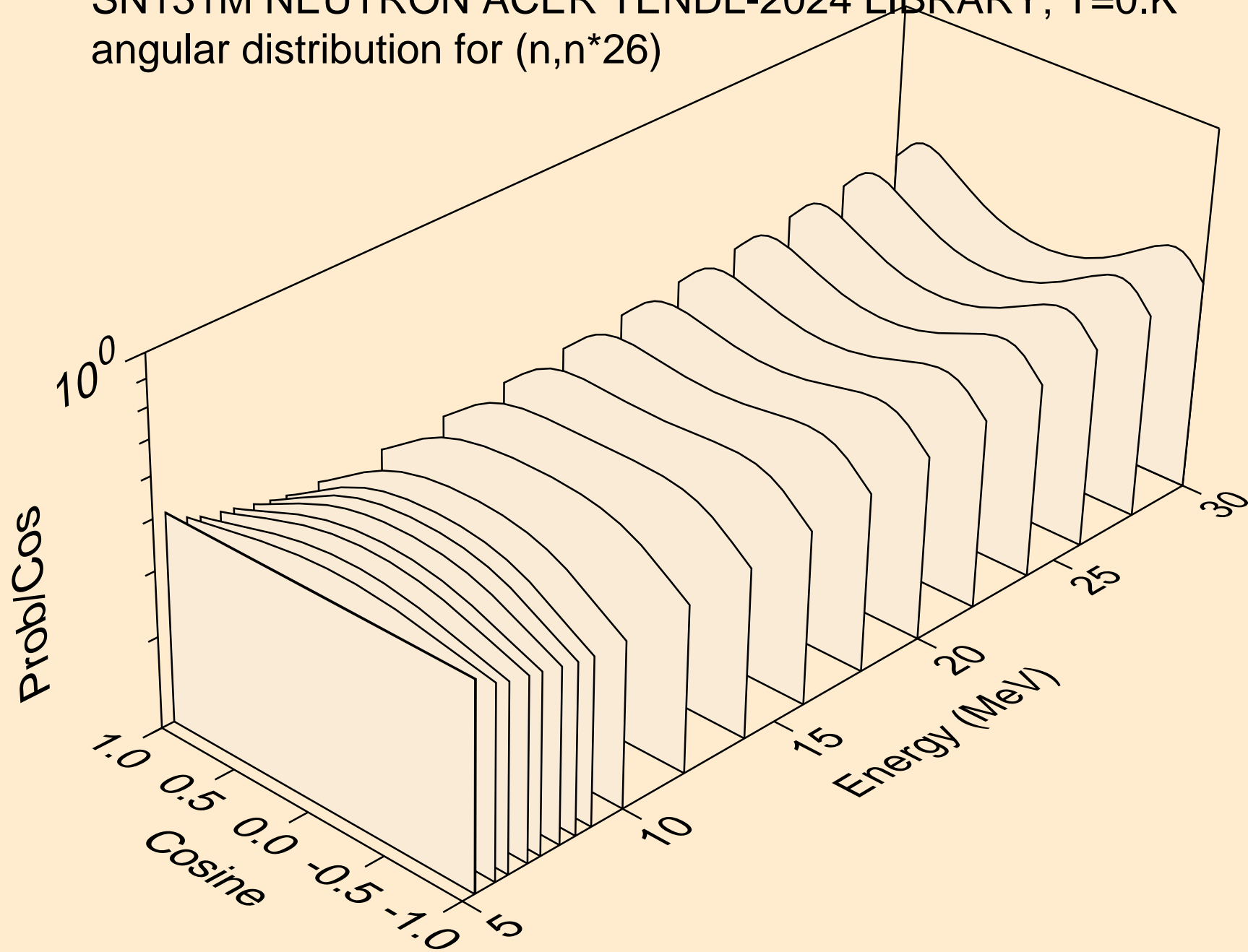
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angular distribution for (n,n\*24)



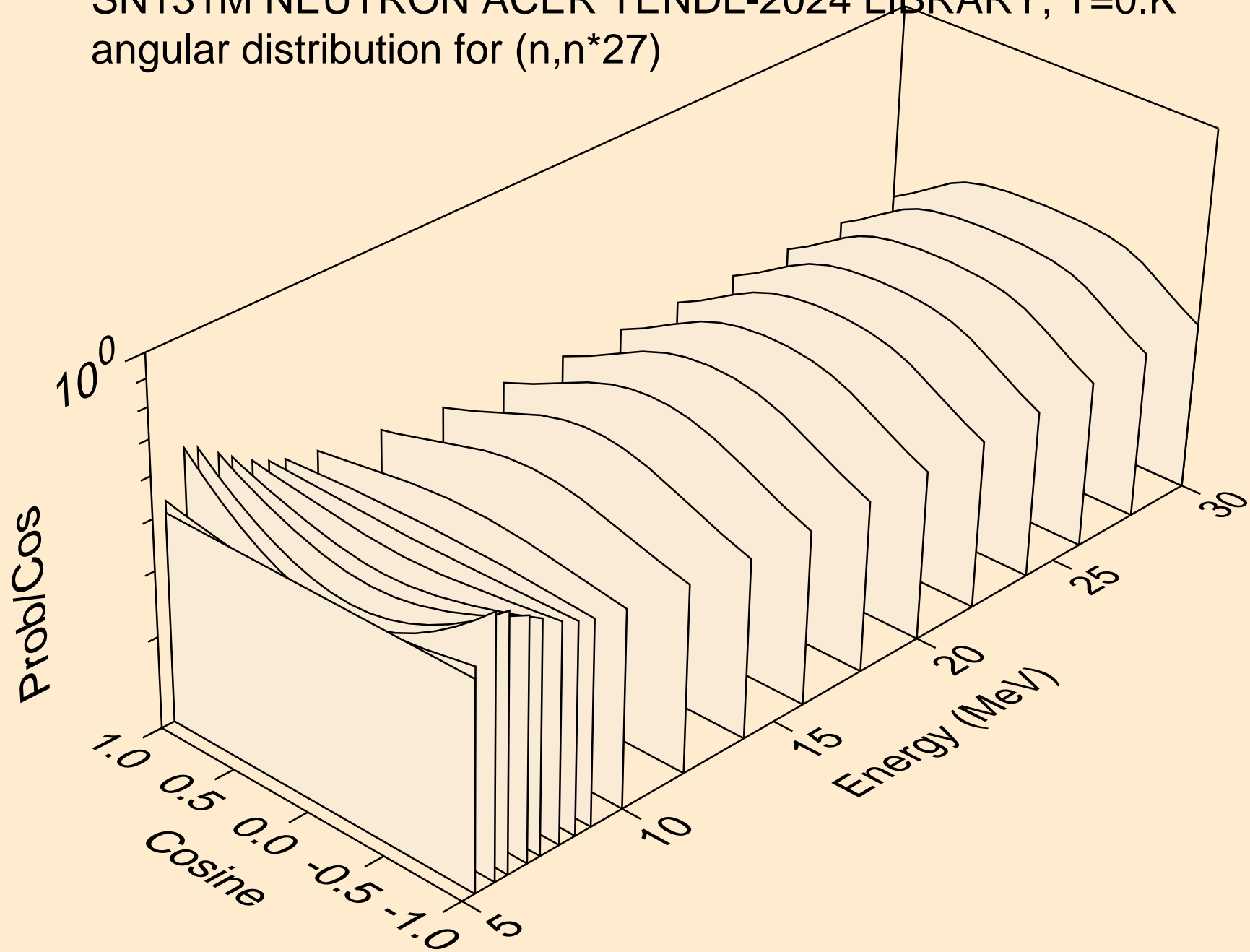
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



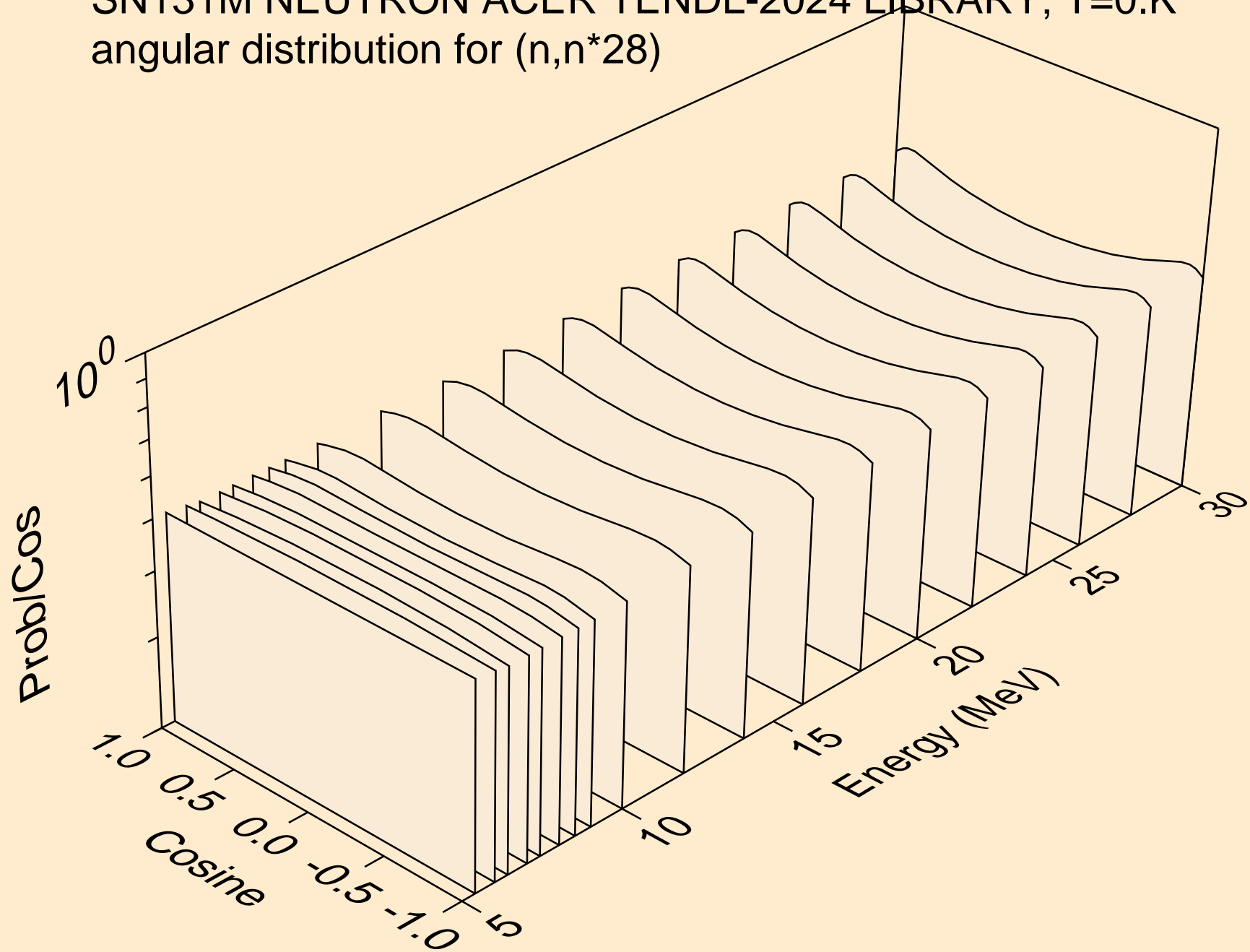
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



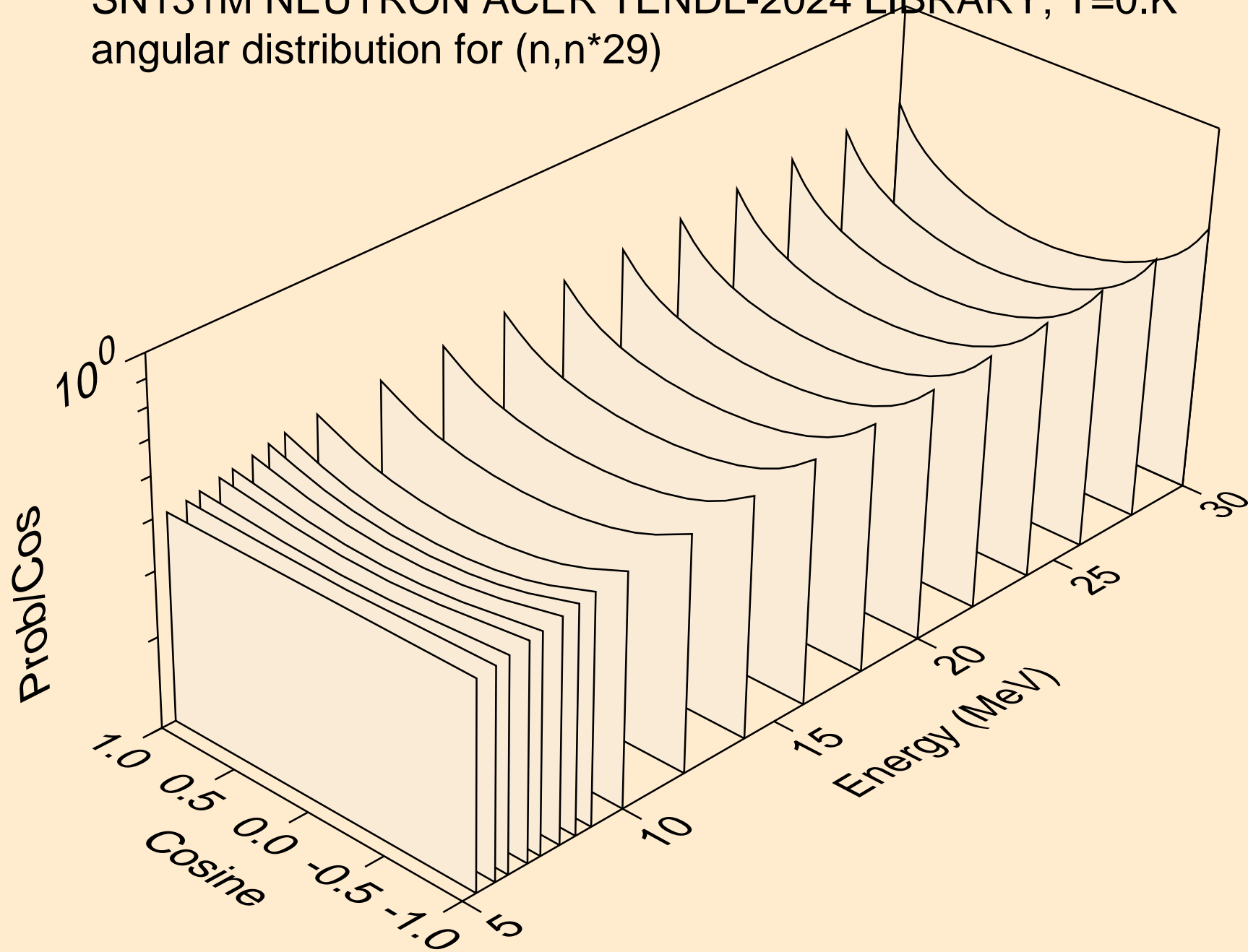
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)

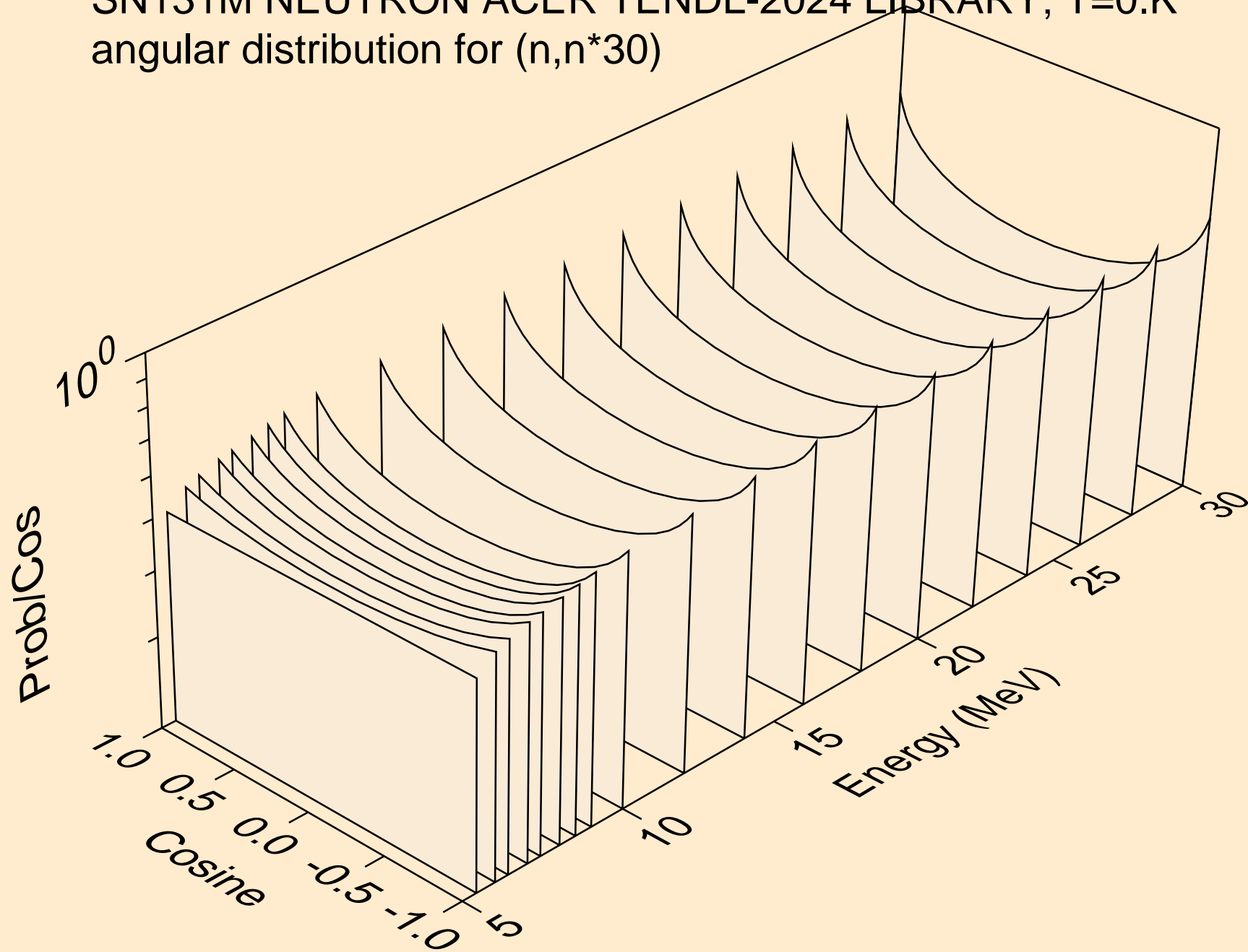


SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

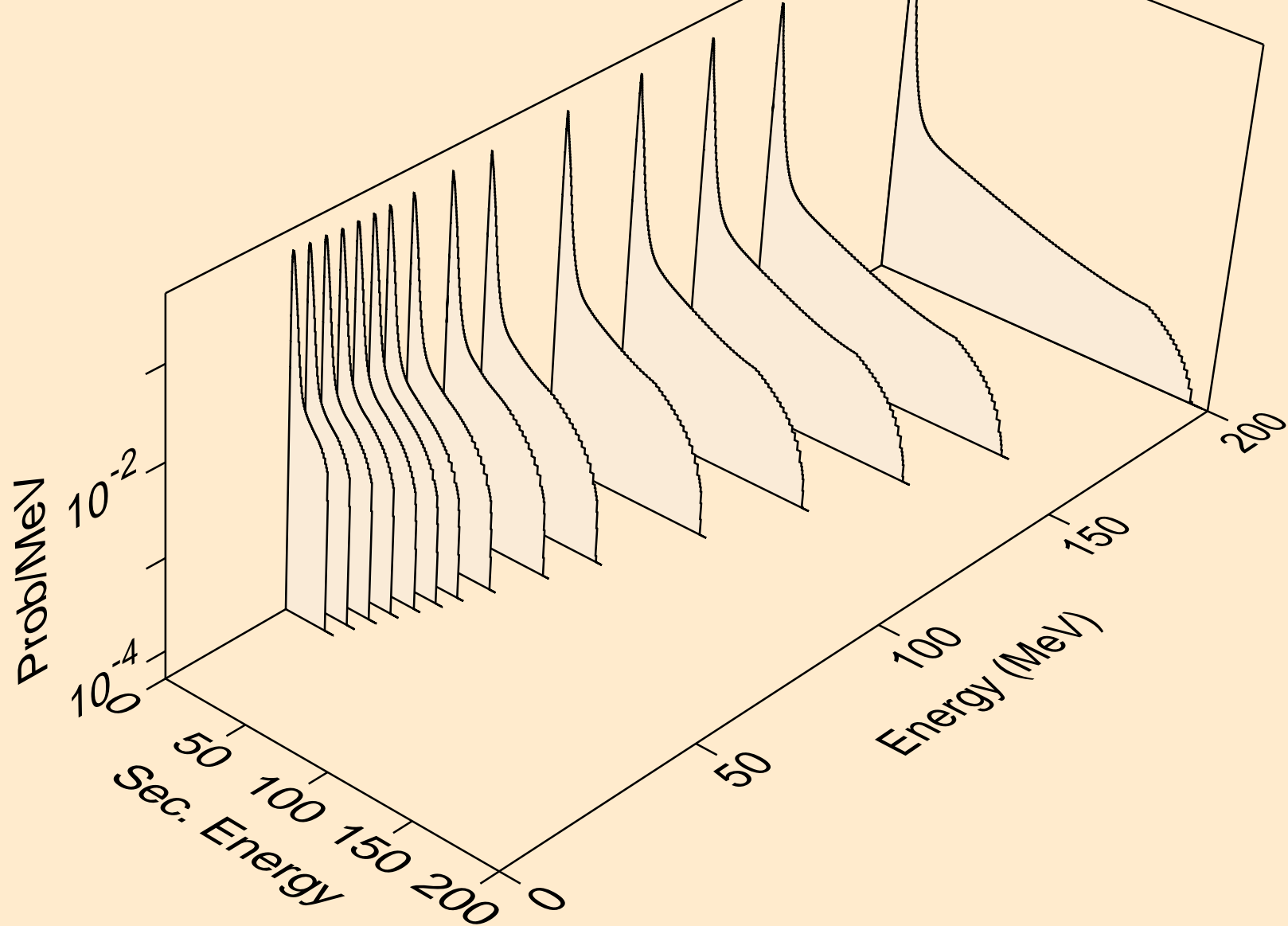




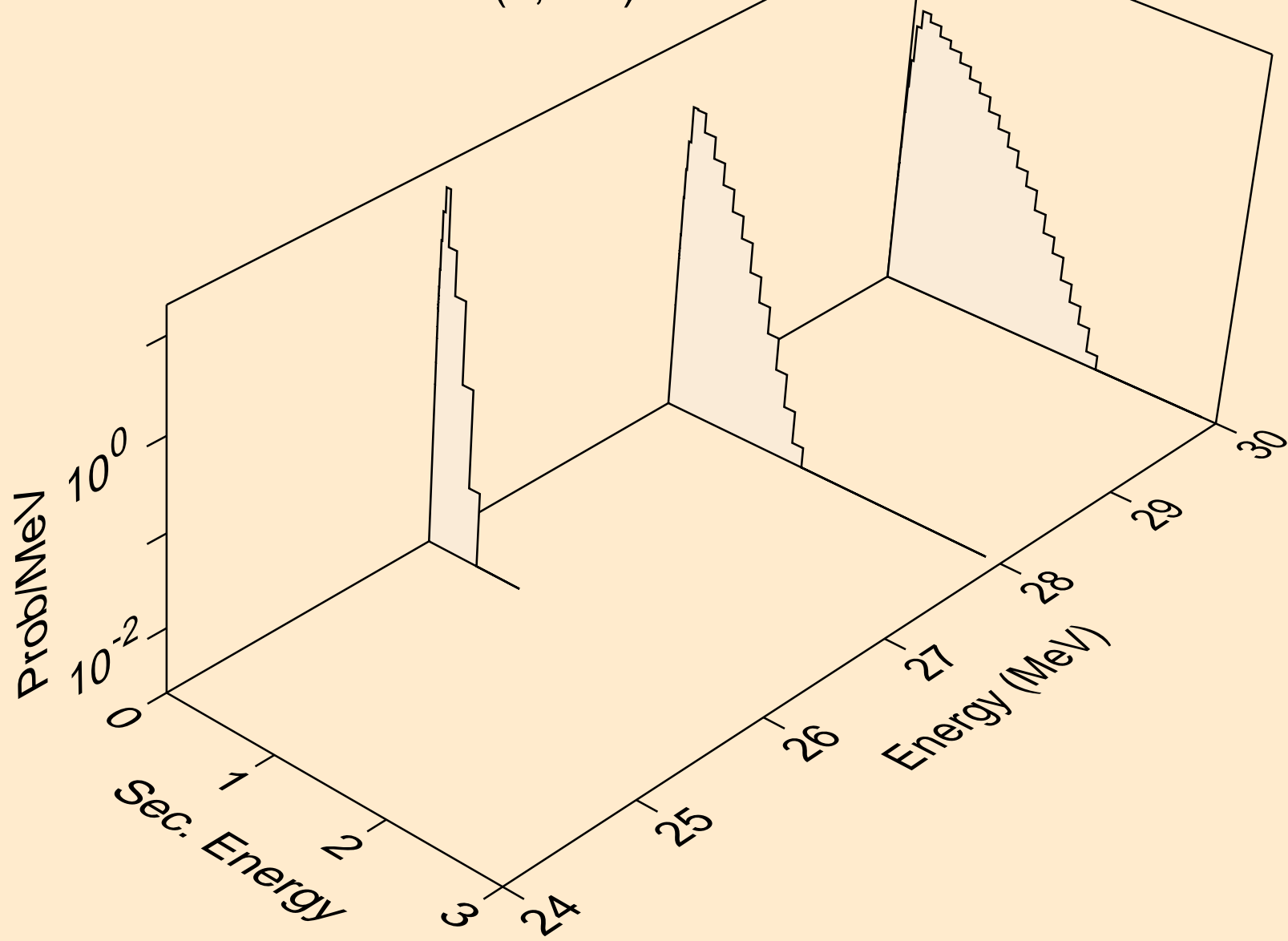
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*30)



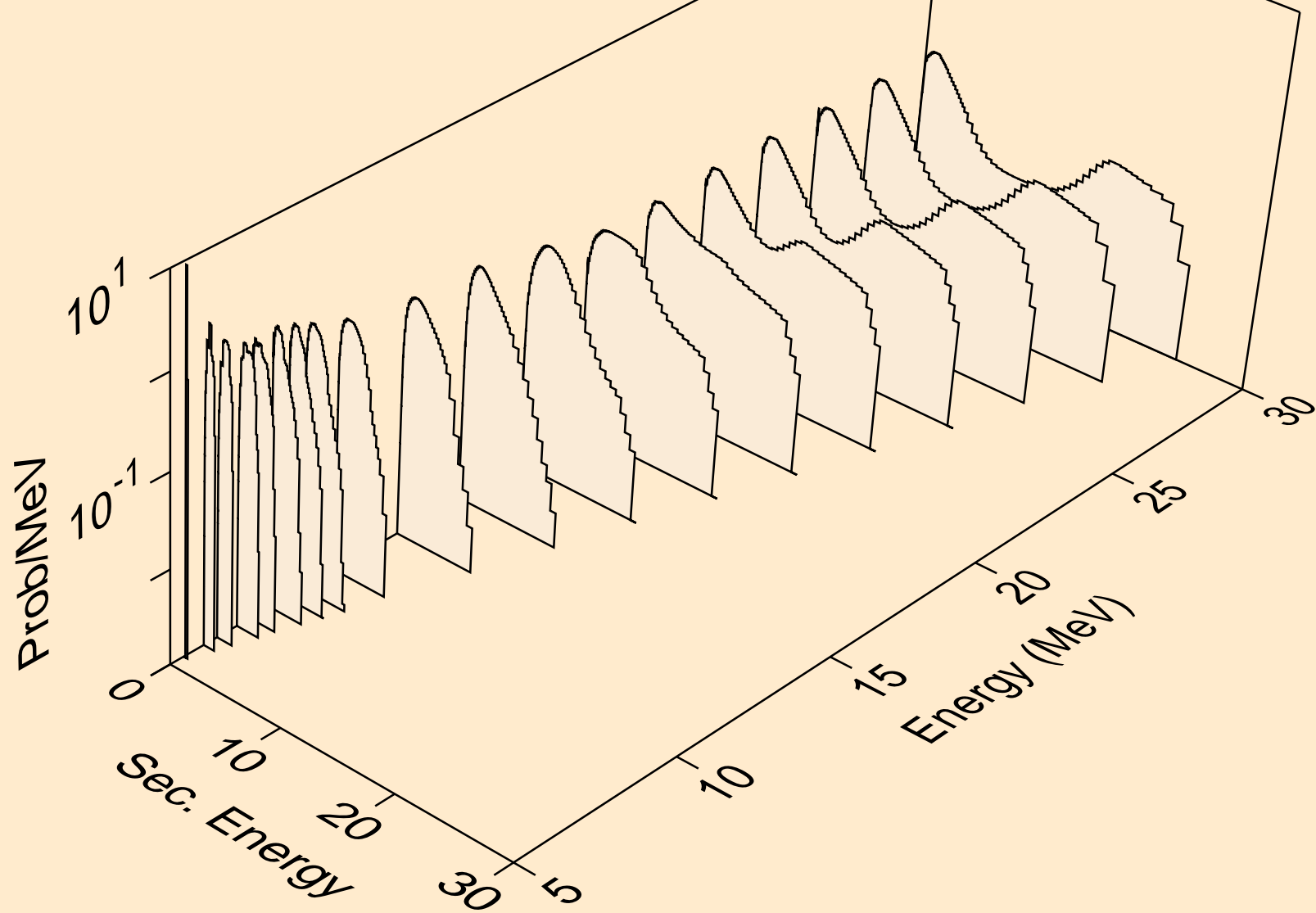
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



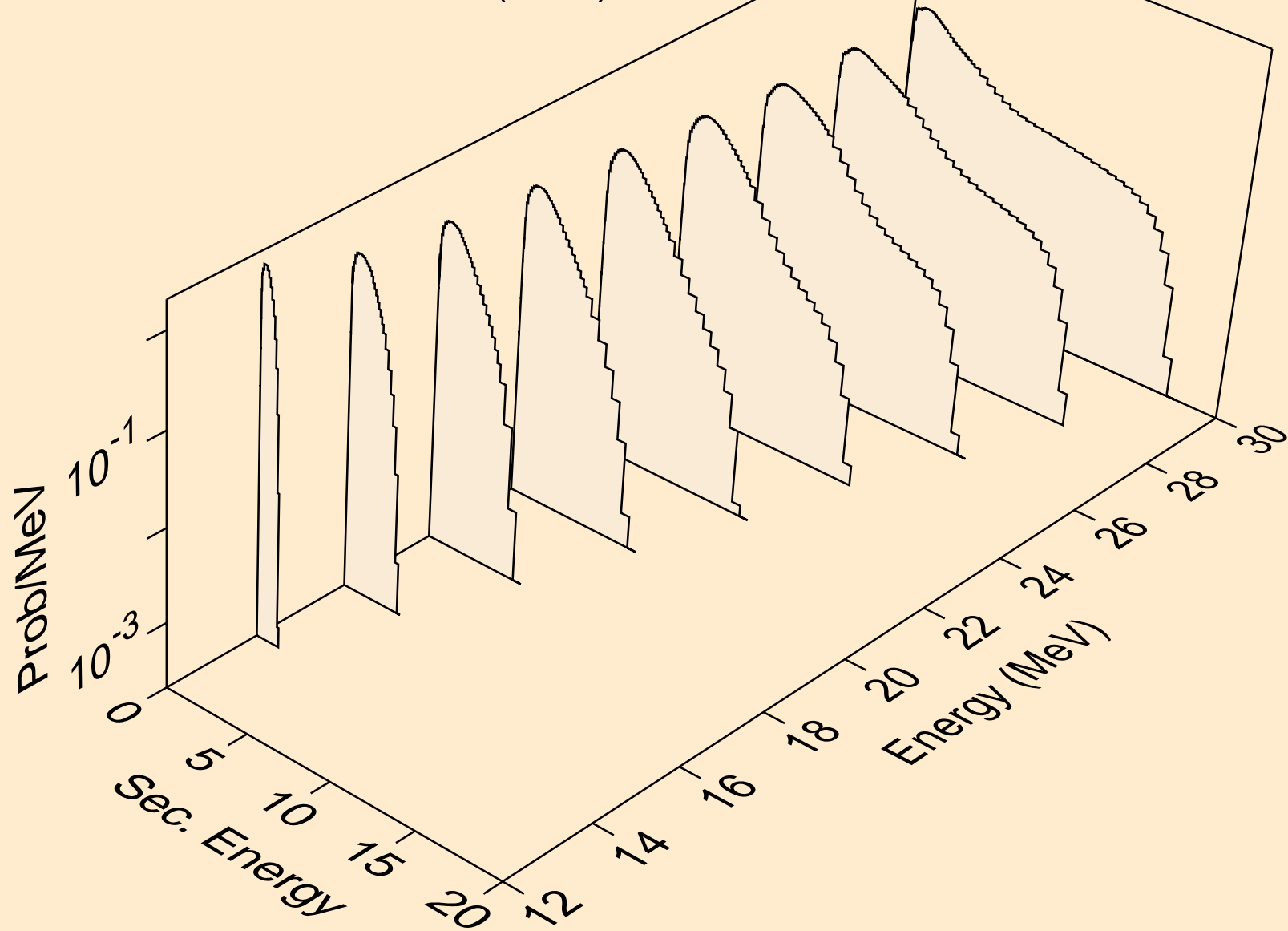
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



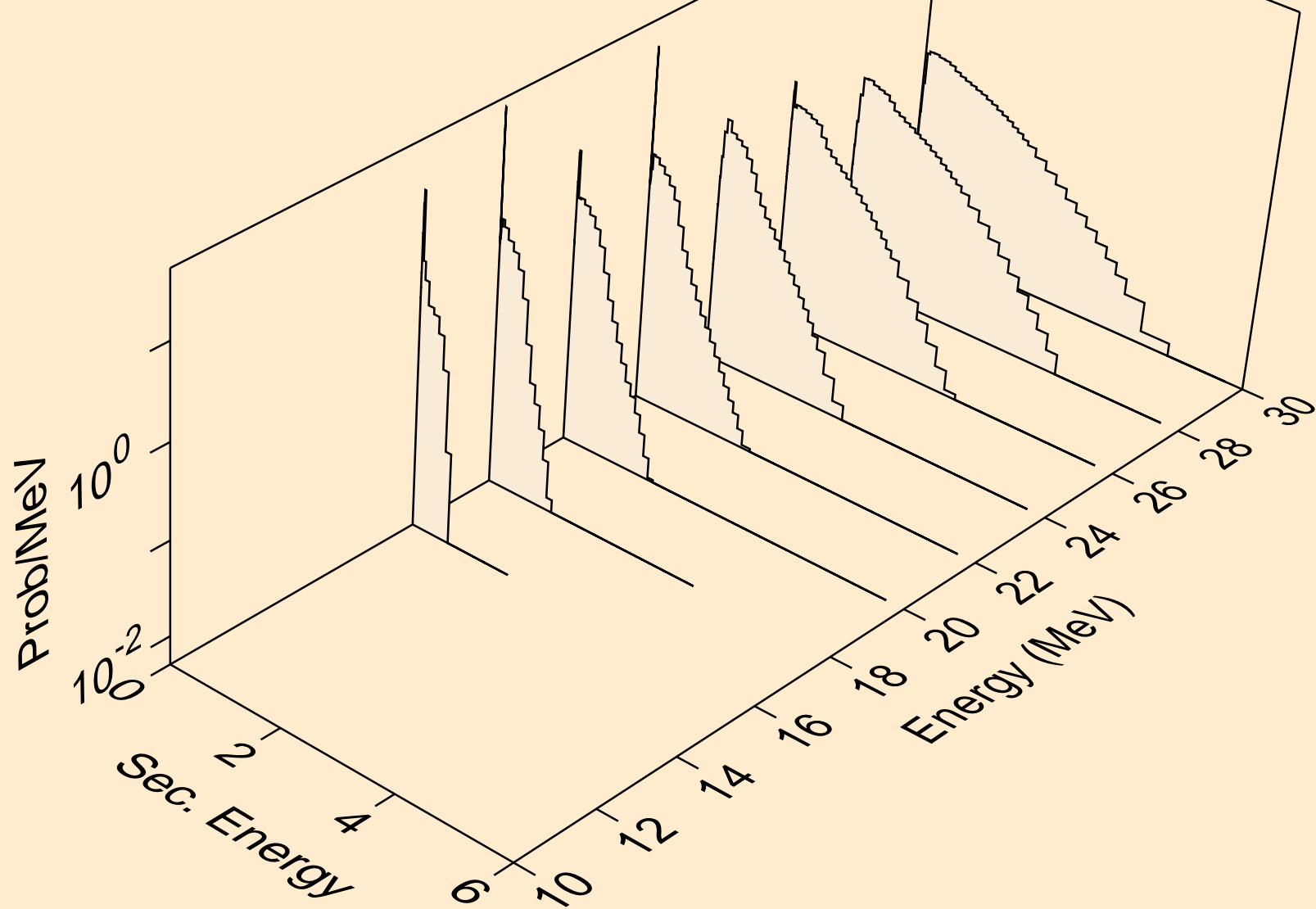
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



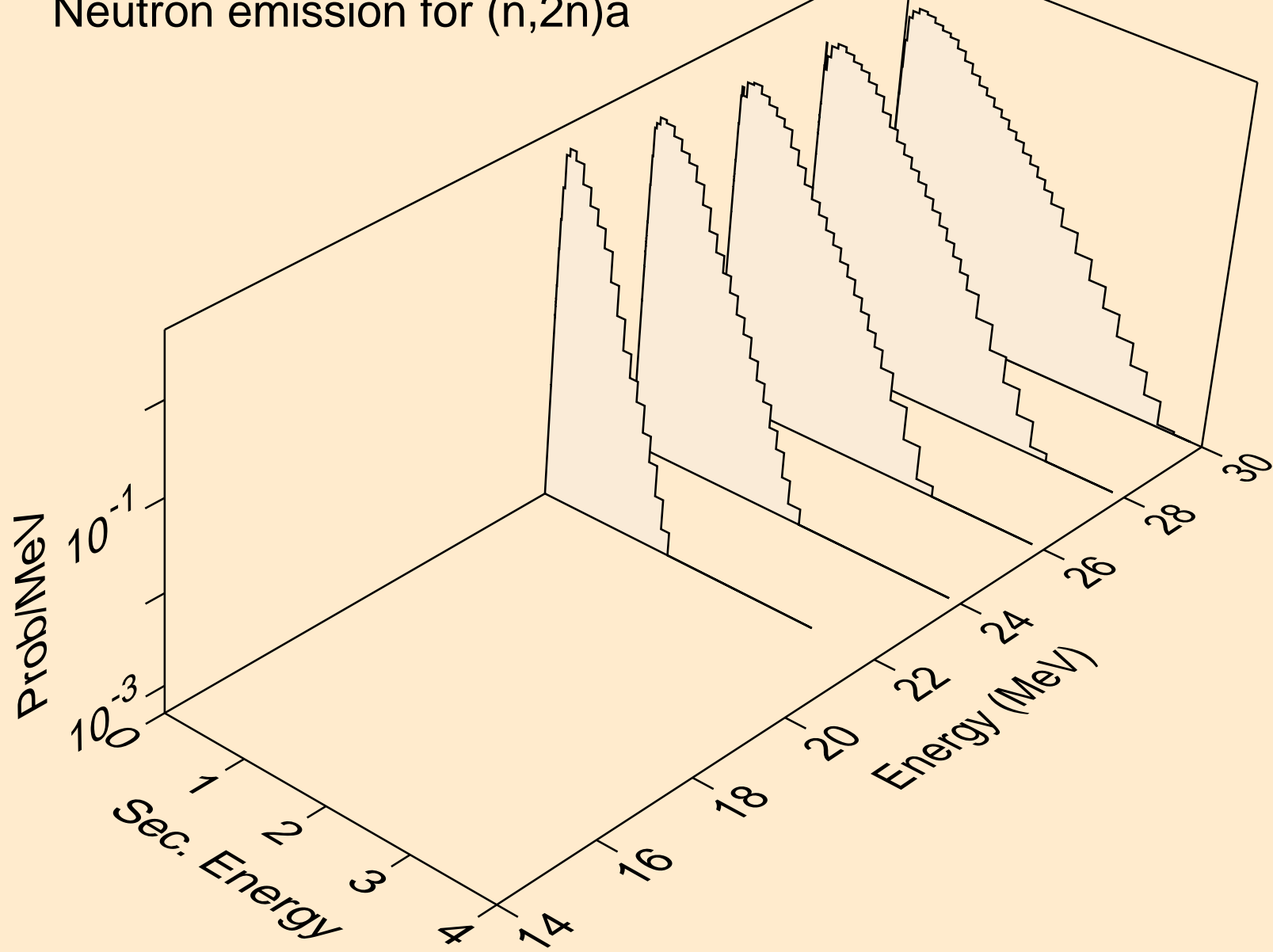
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



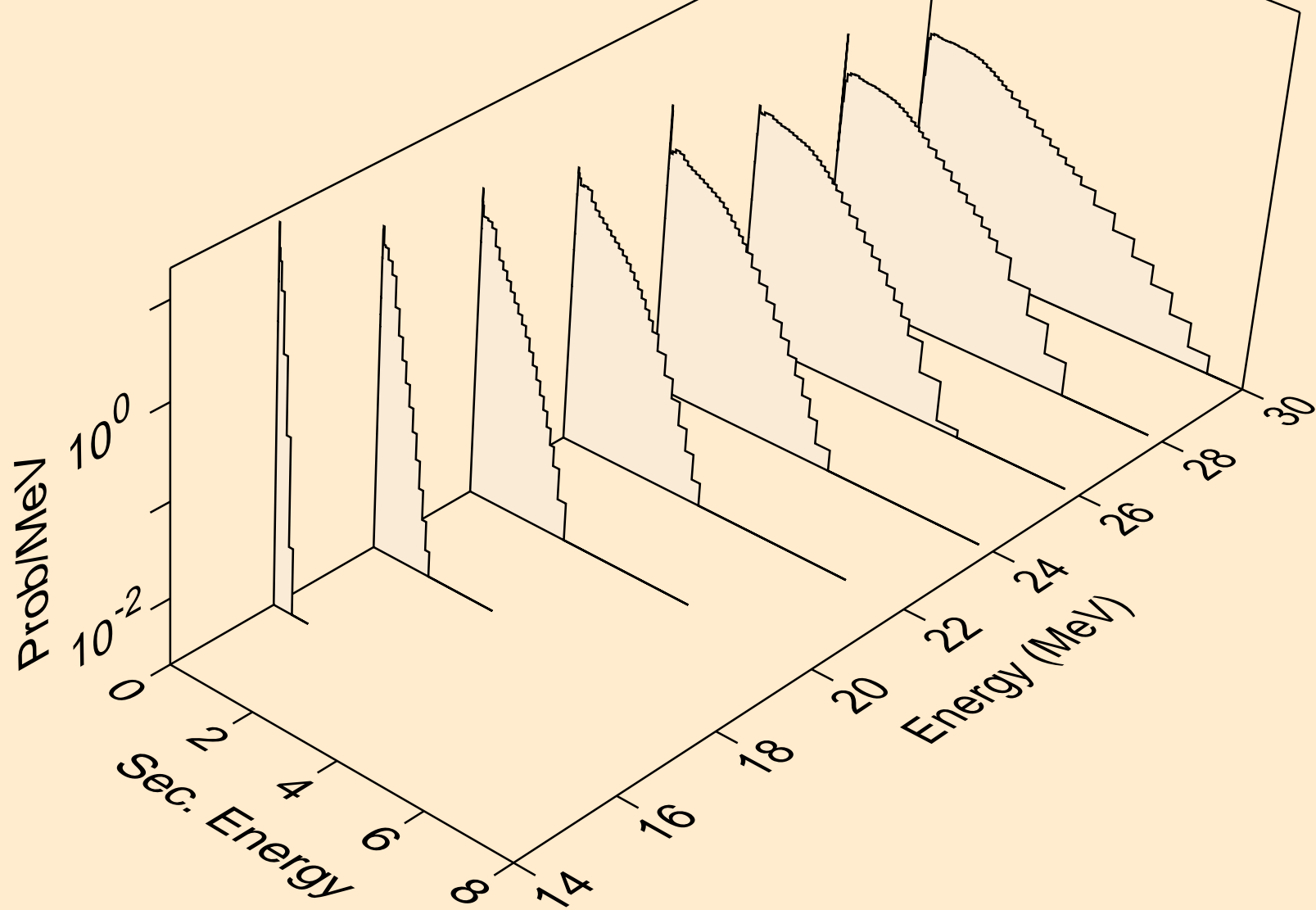
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

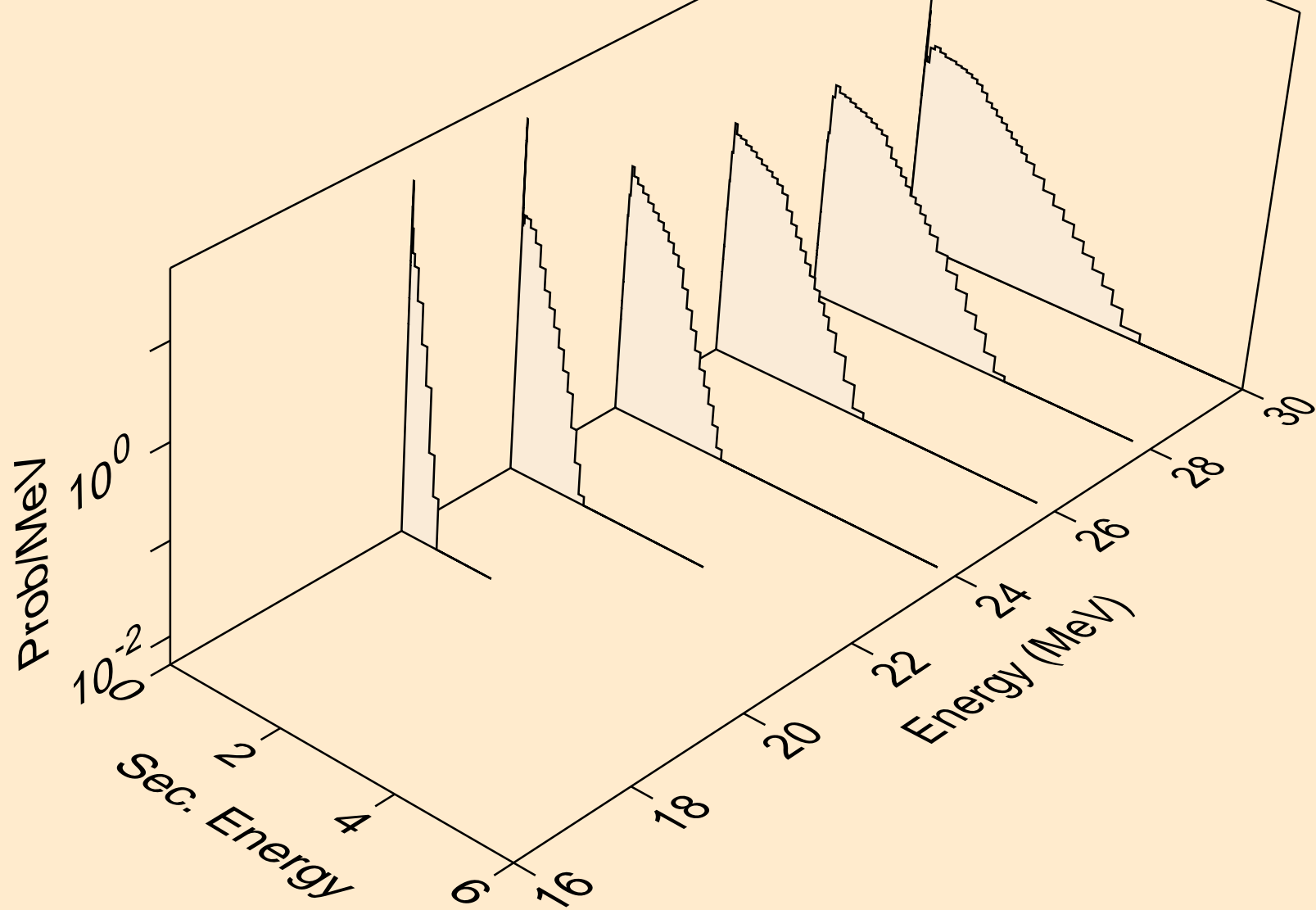


SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

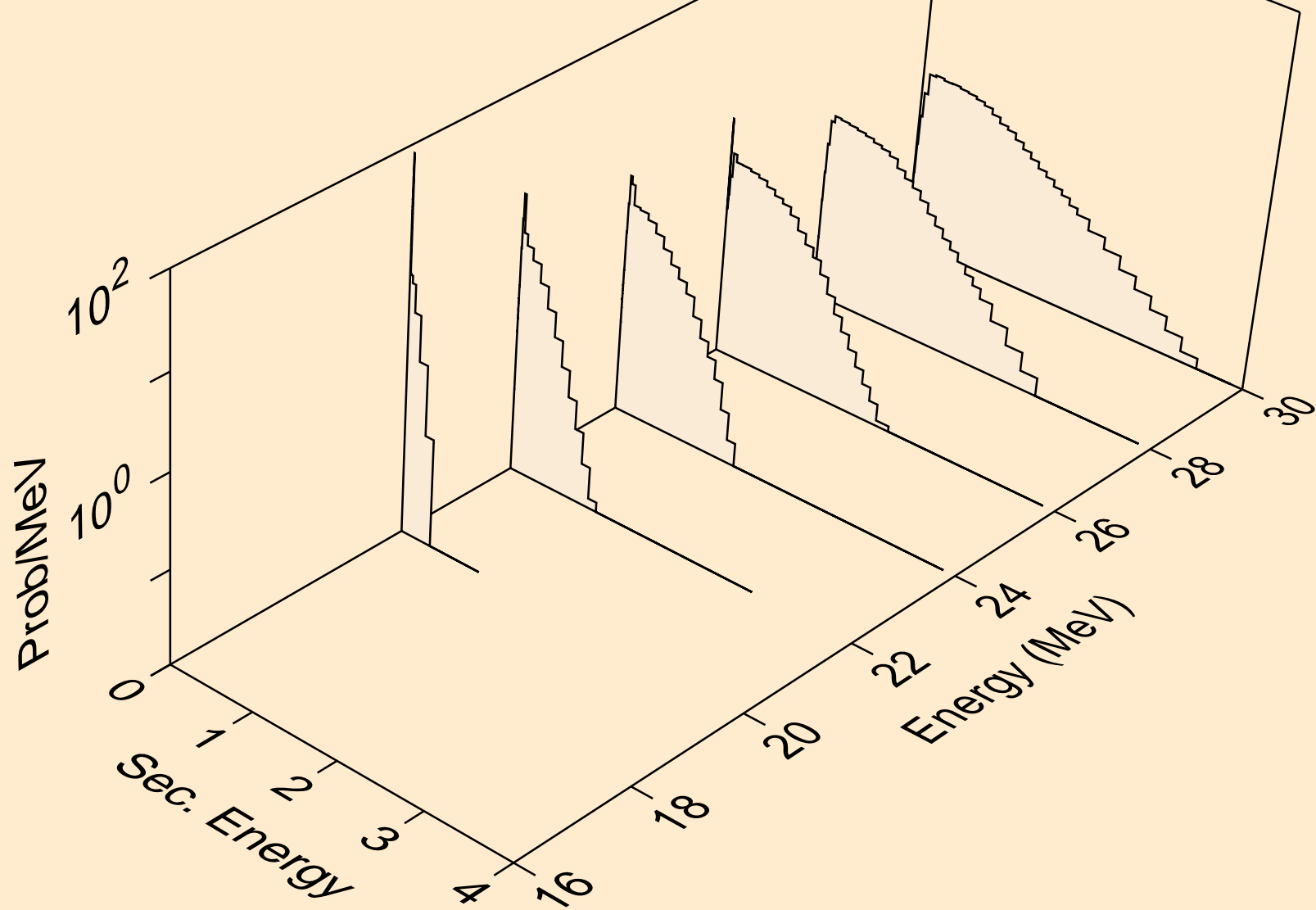




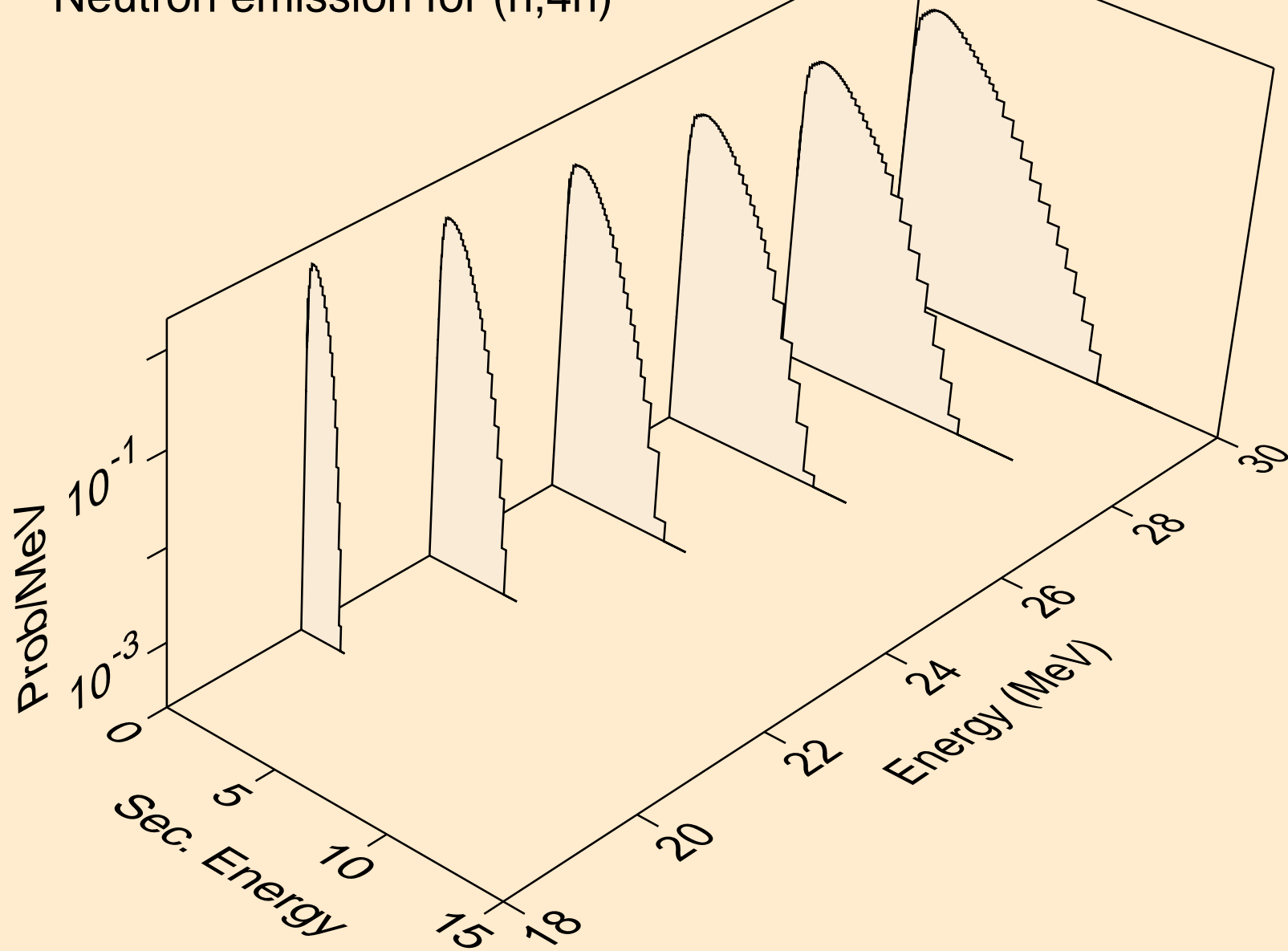
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



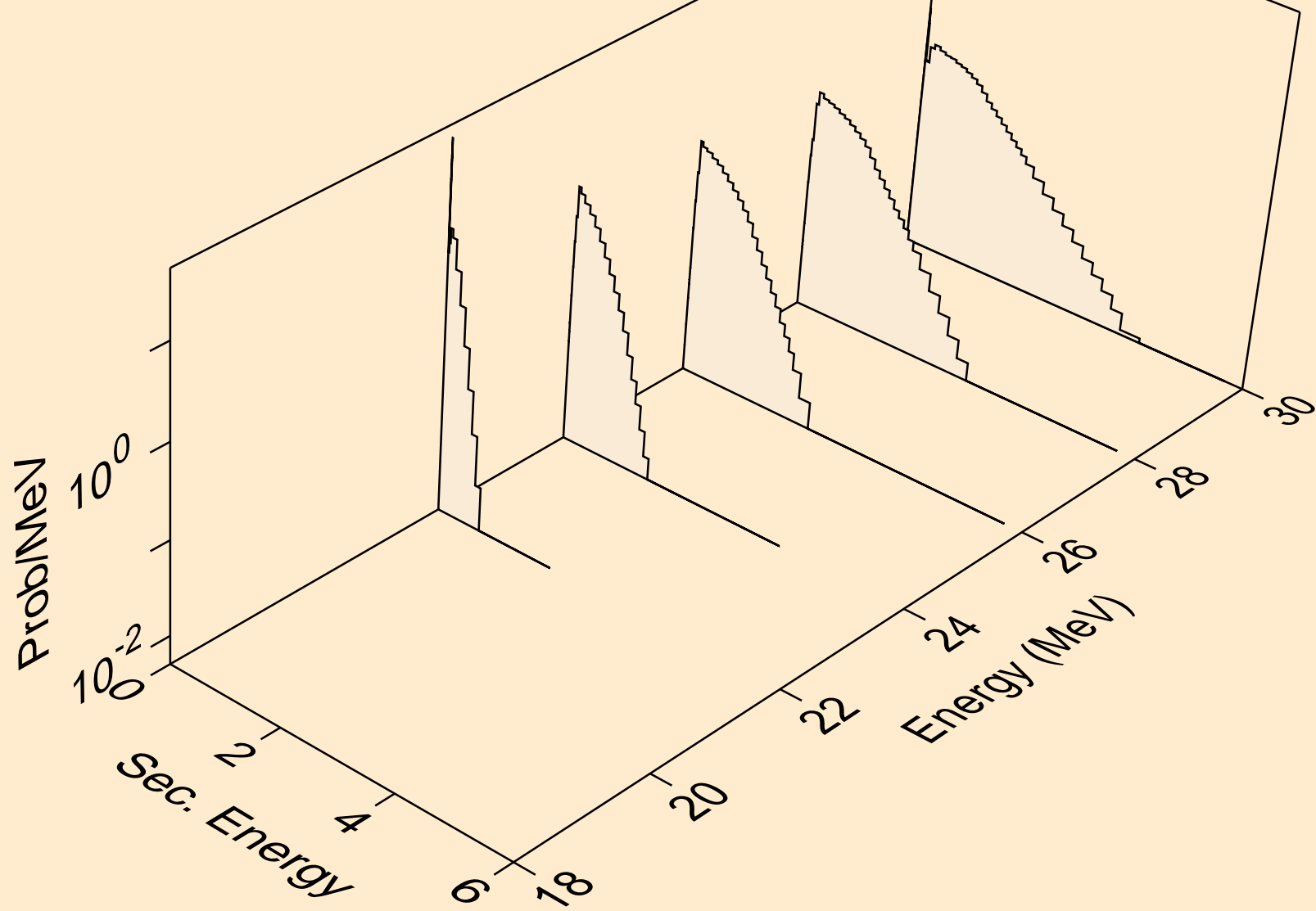
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



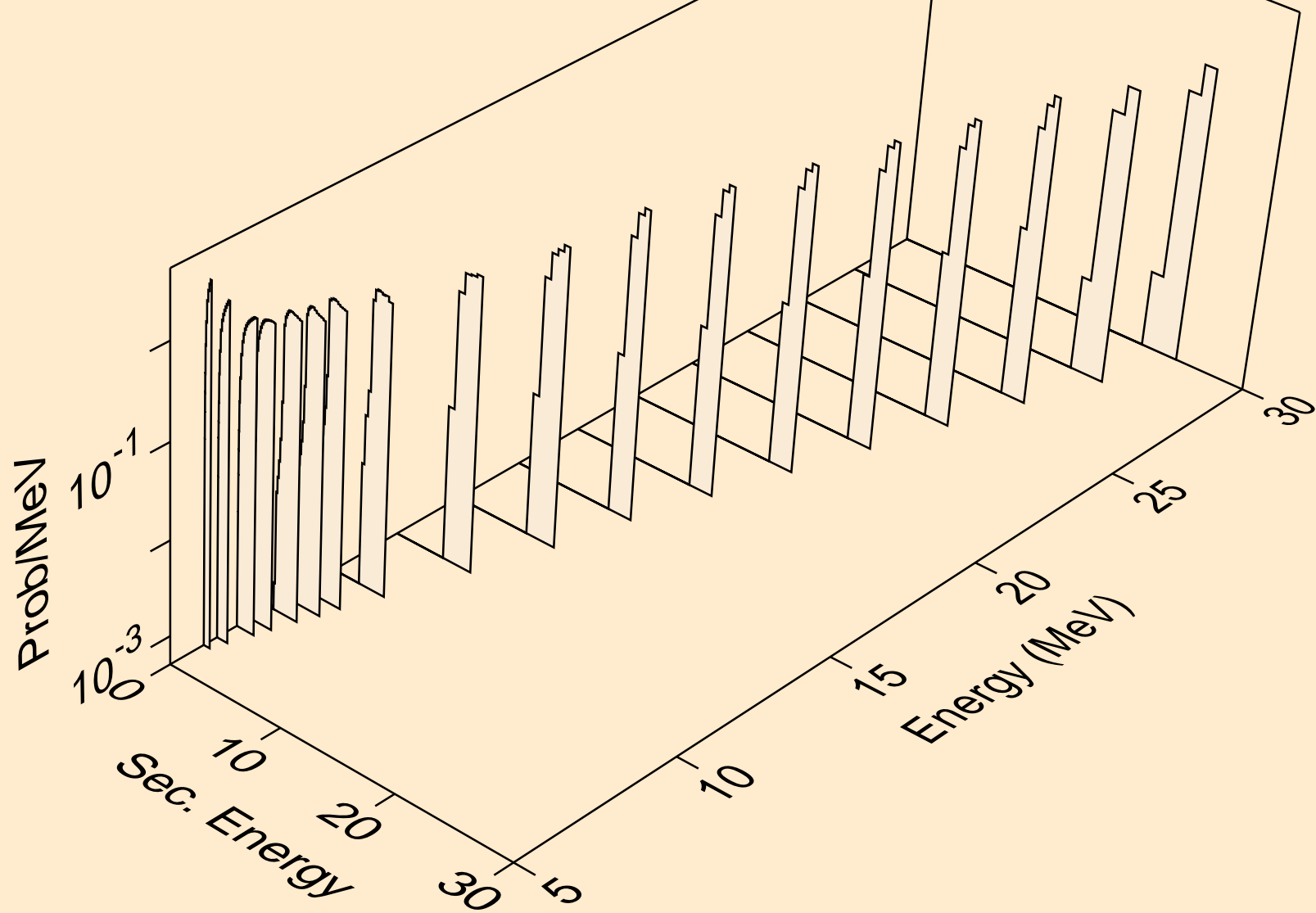
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



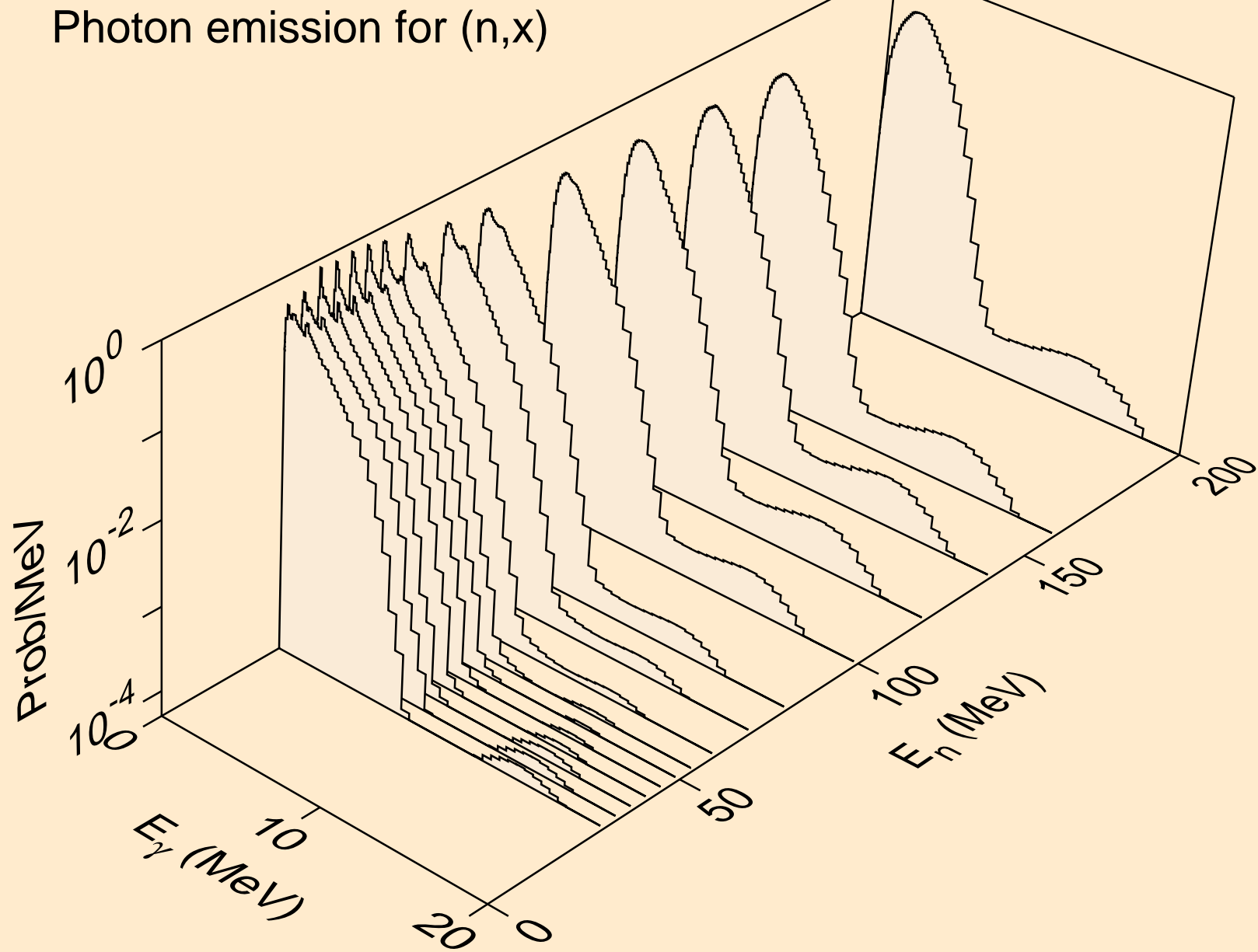
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



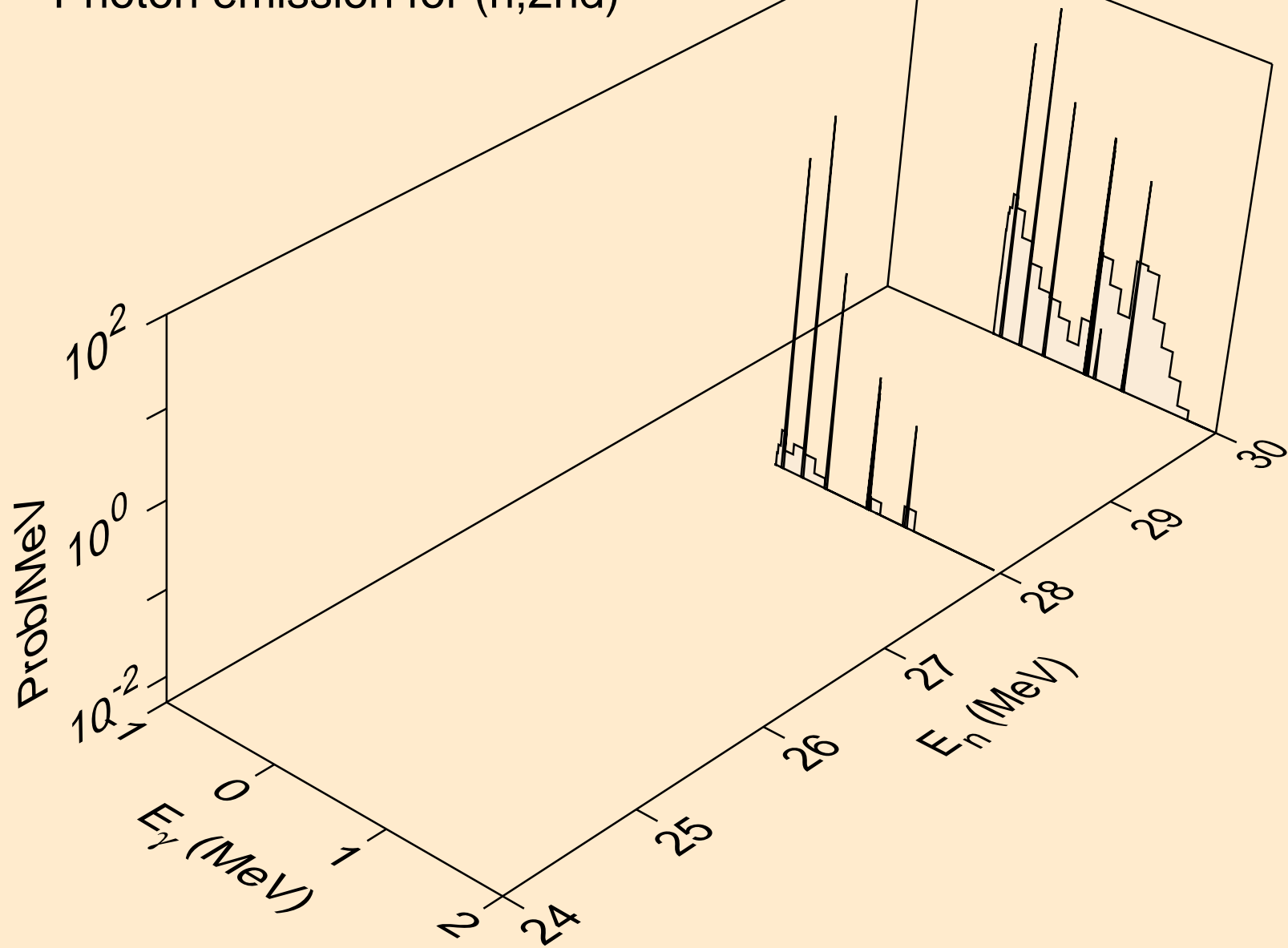
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Neutron emission for (n,n\*c)



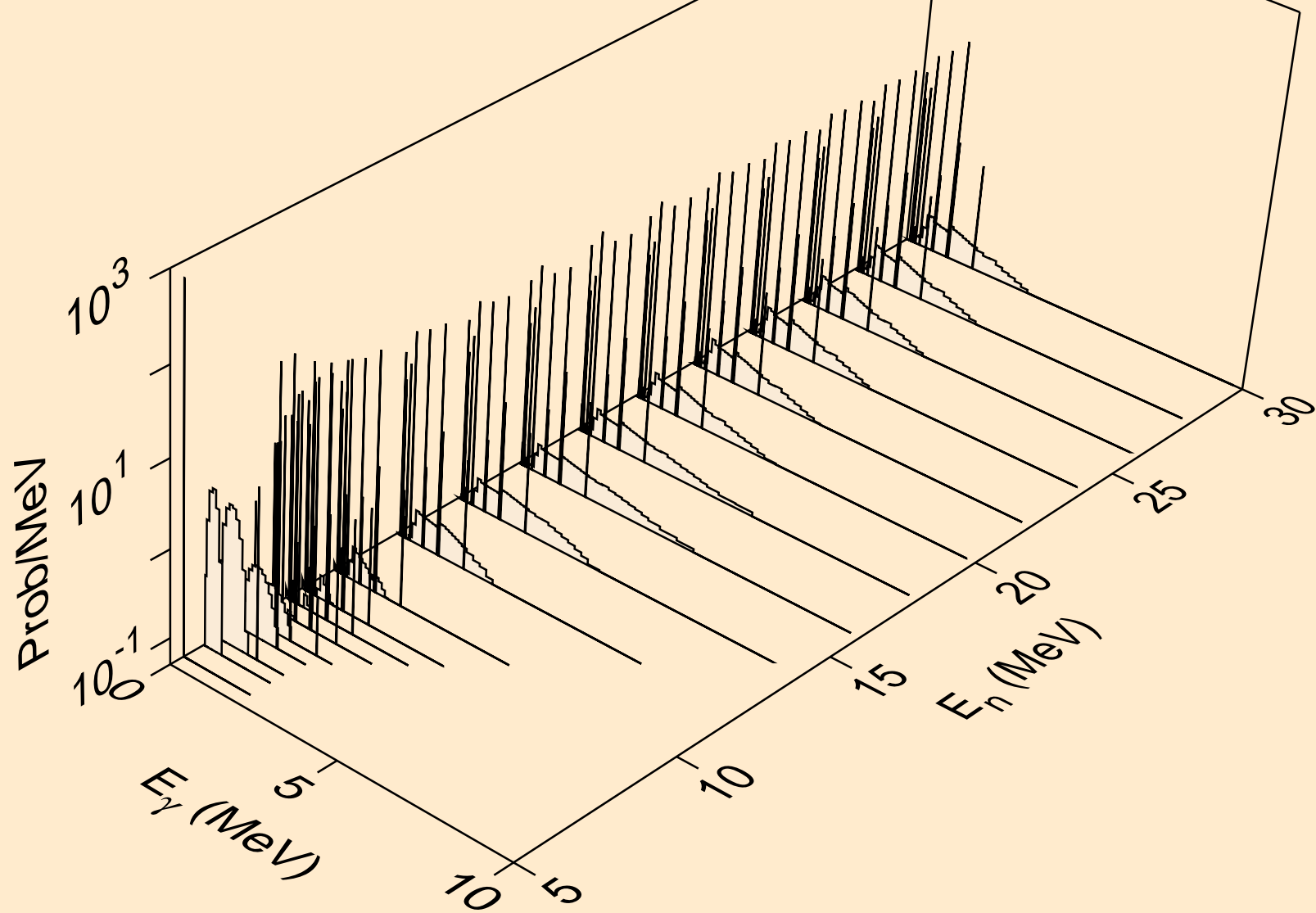
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

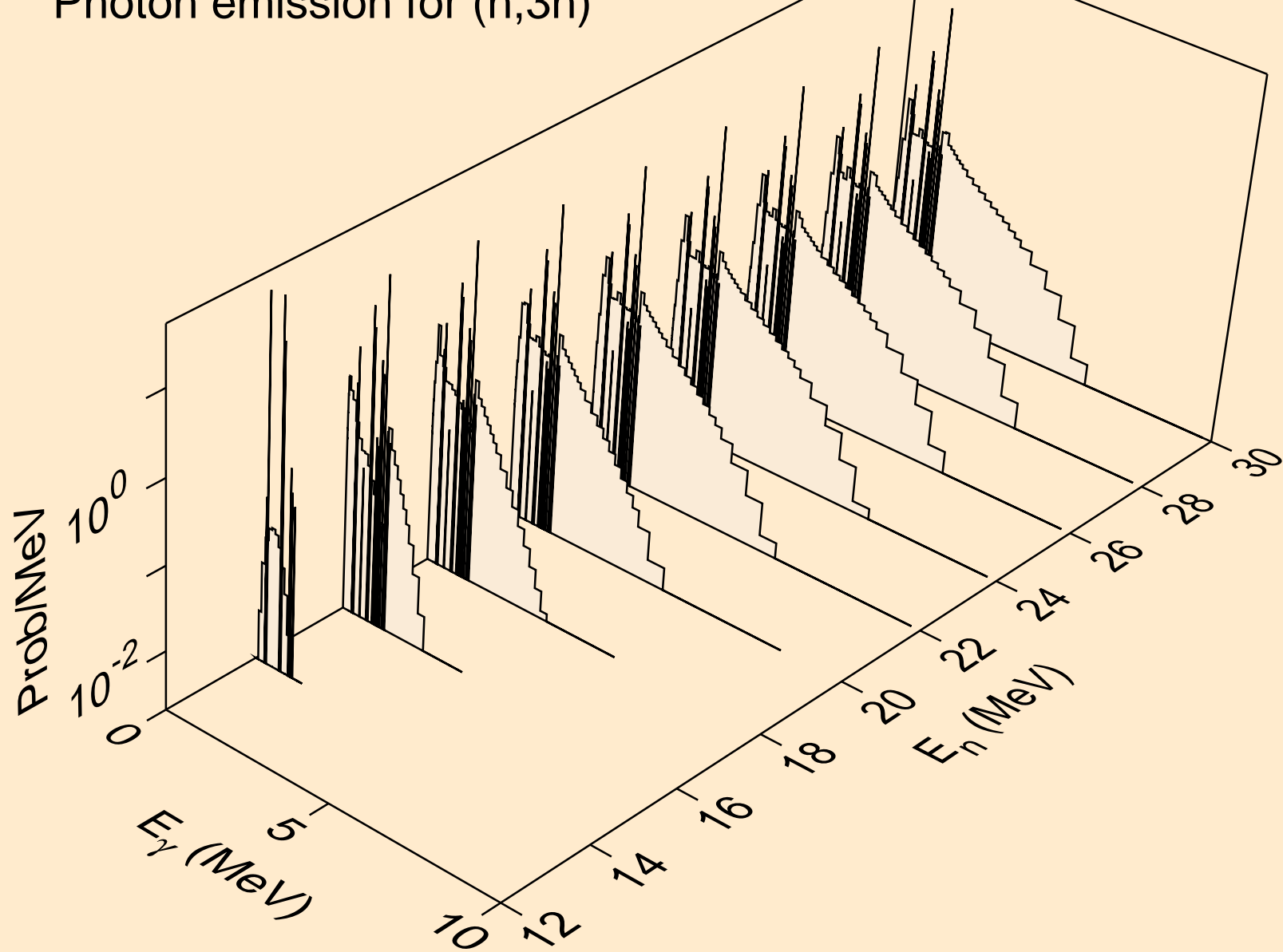


SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

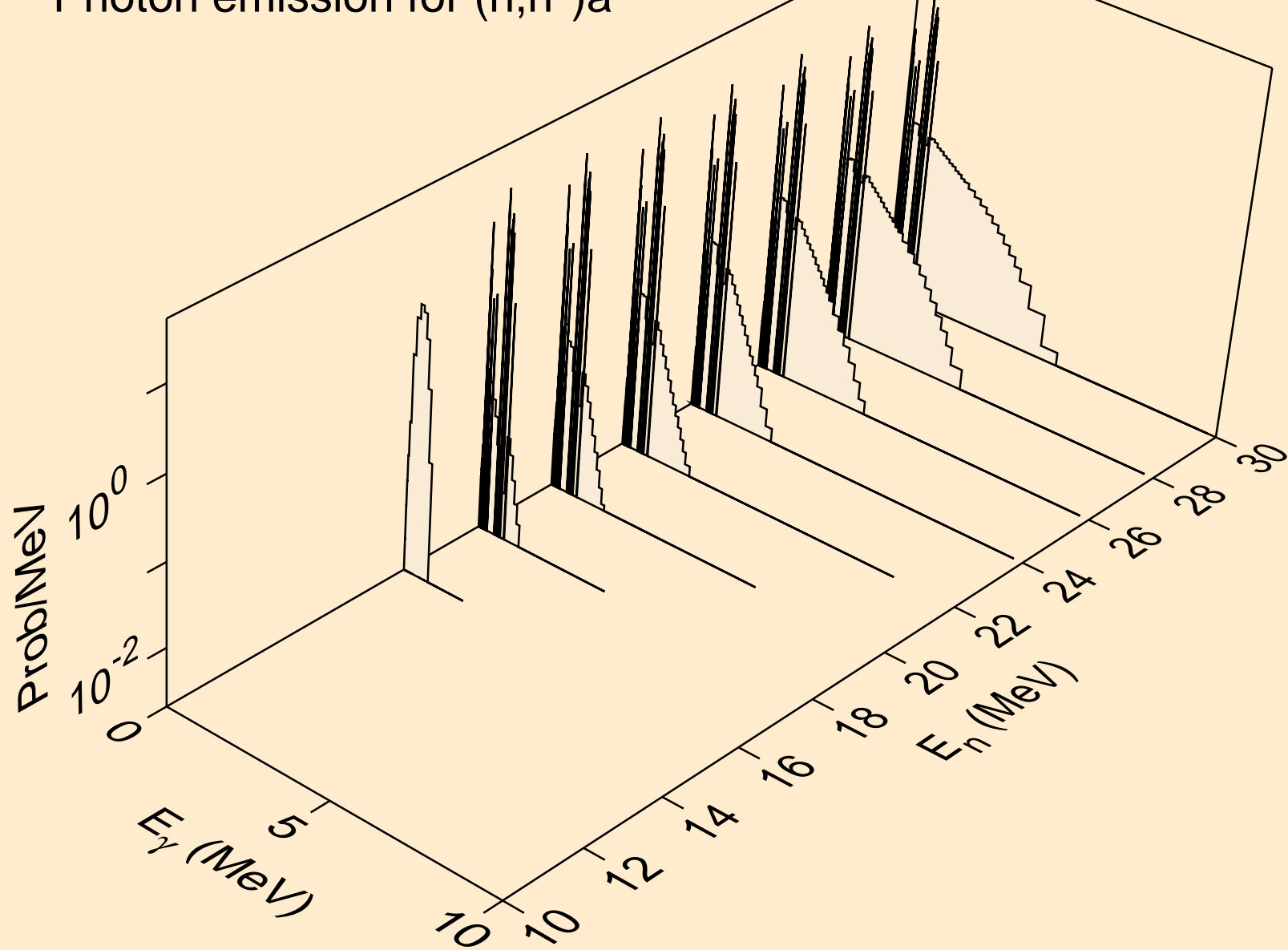




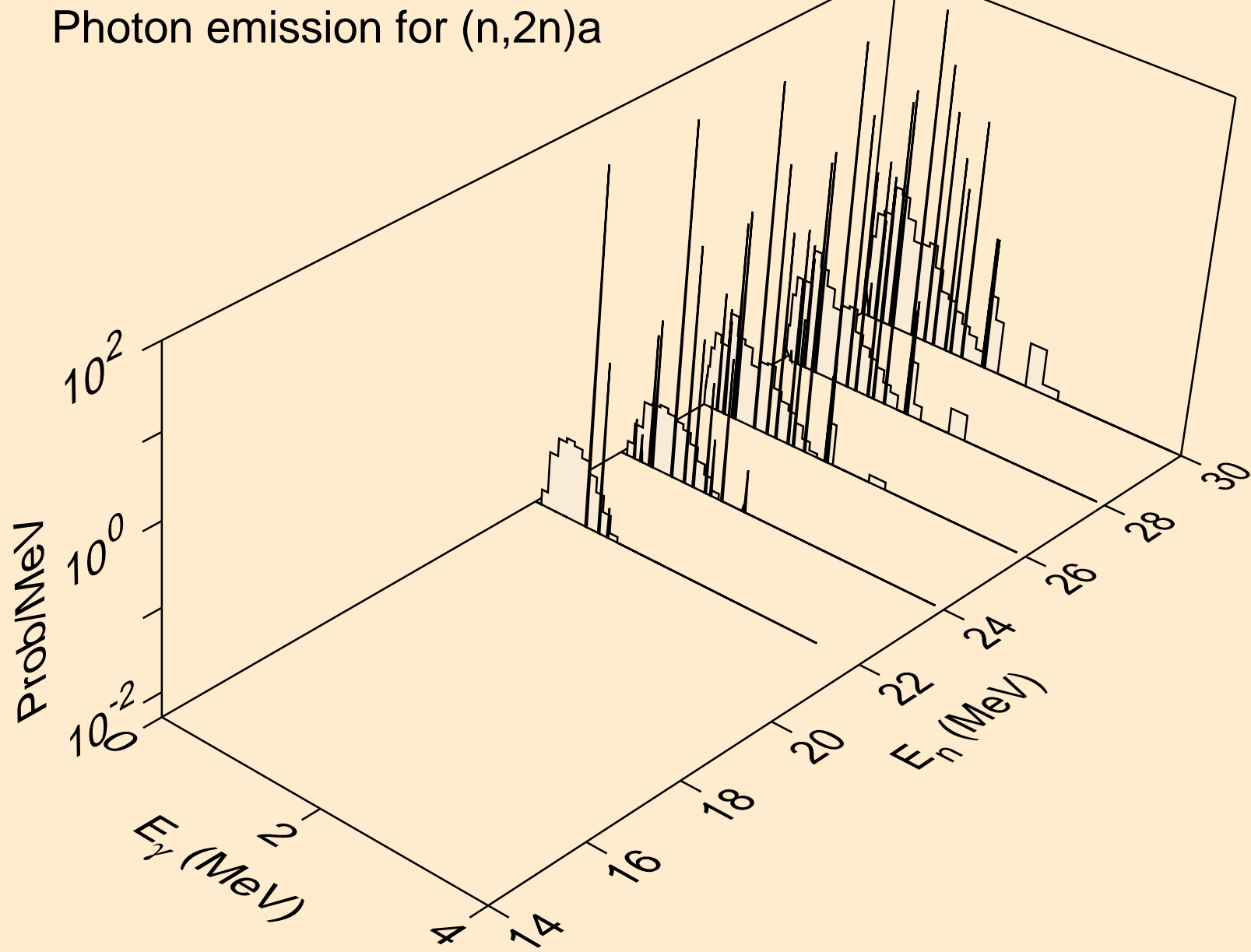
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Photon emission for (n,3n)



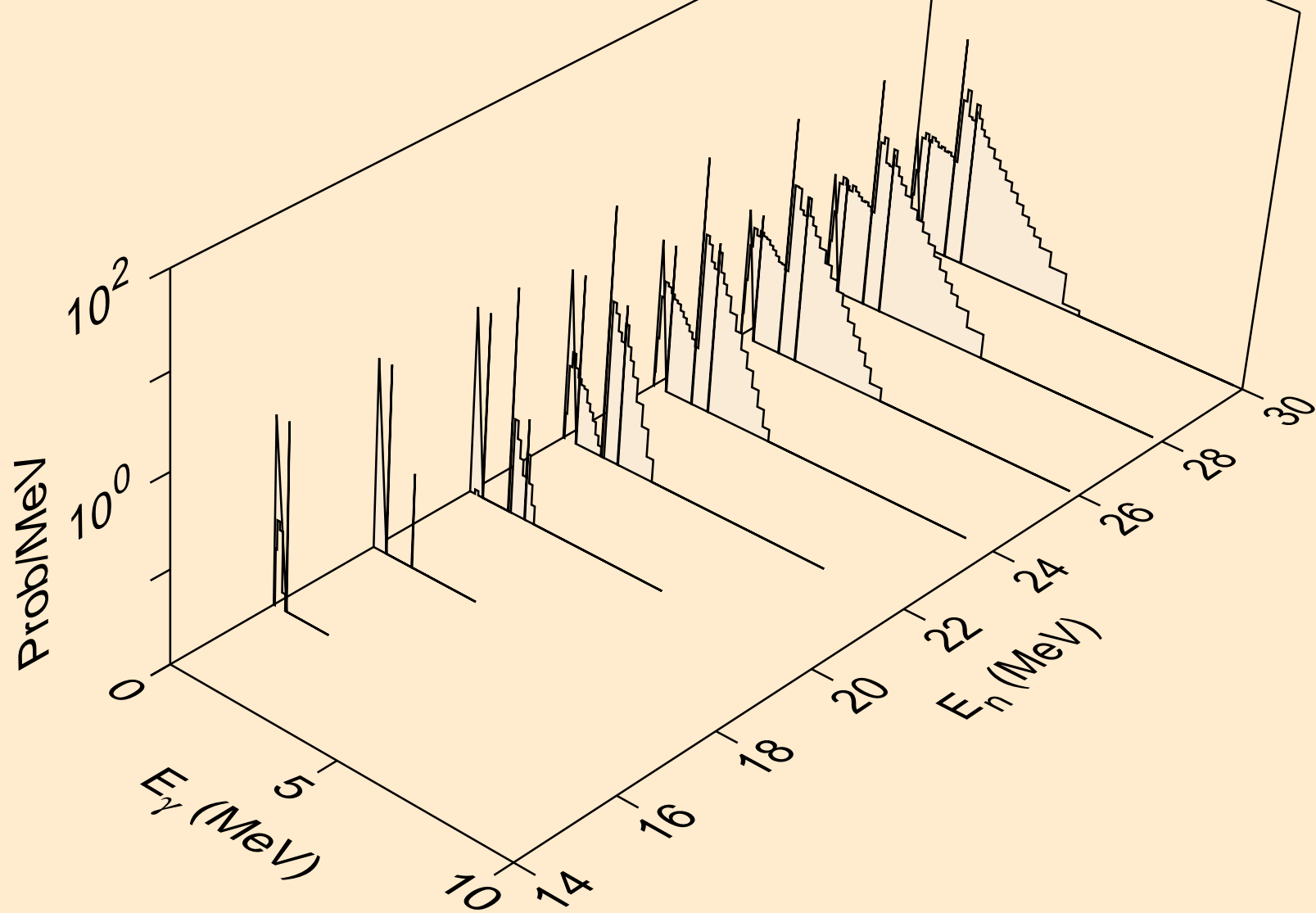
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



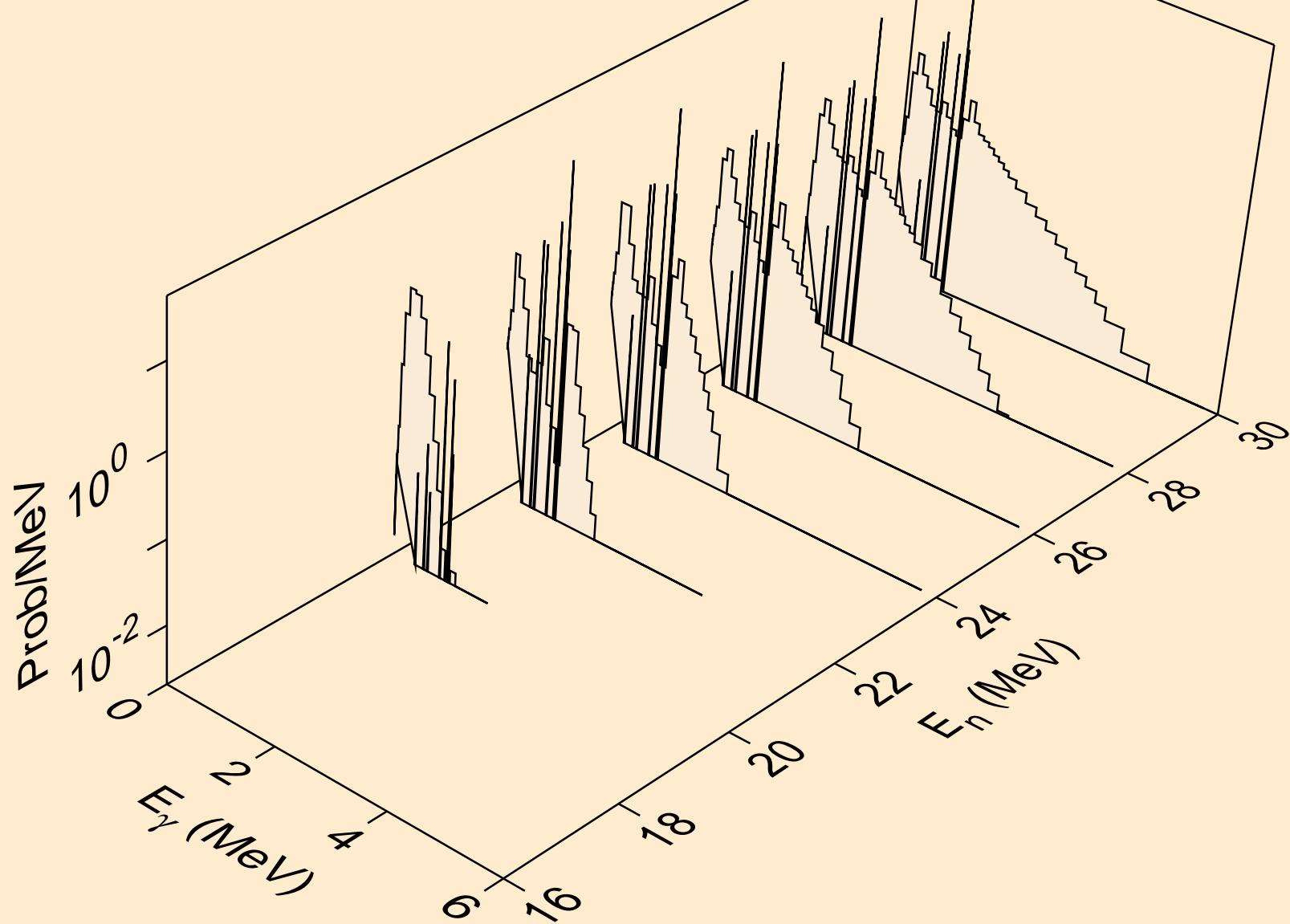
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Photon emission for (n,2n)a



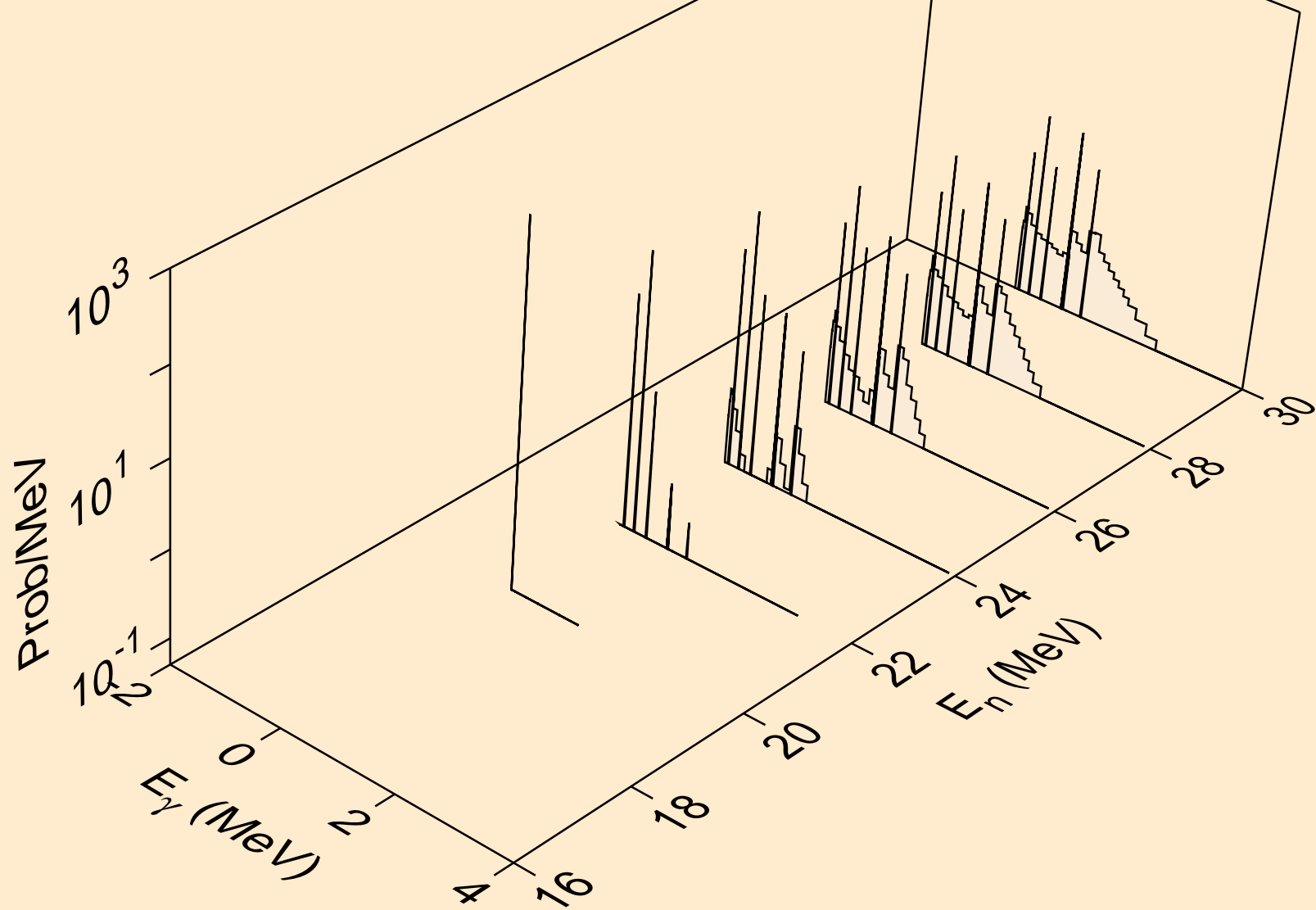
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Photon emission for (n,n\*)p



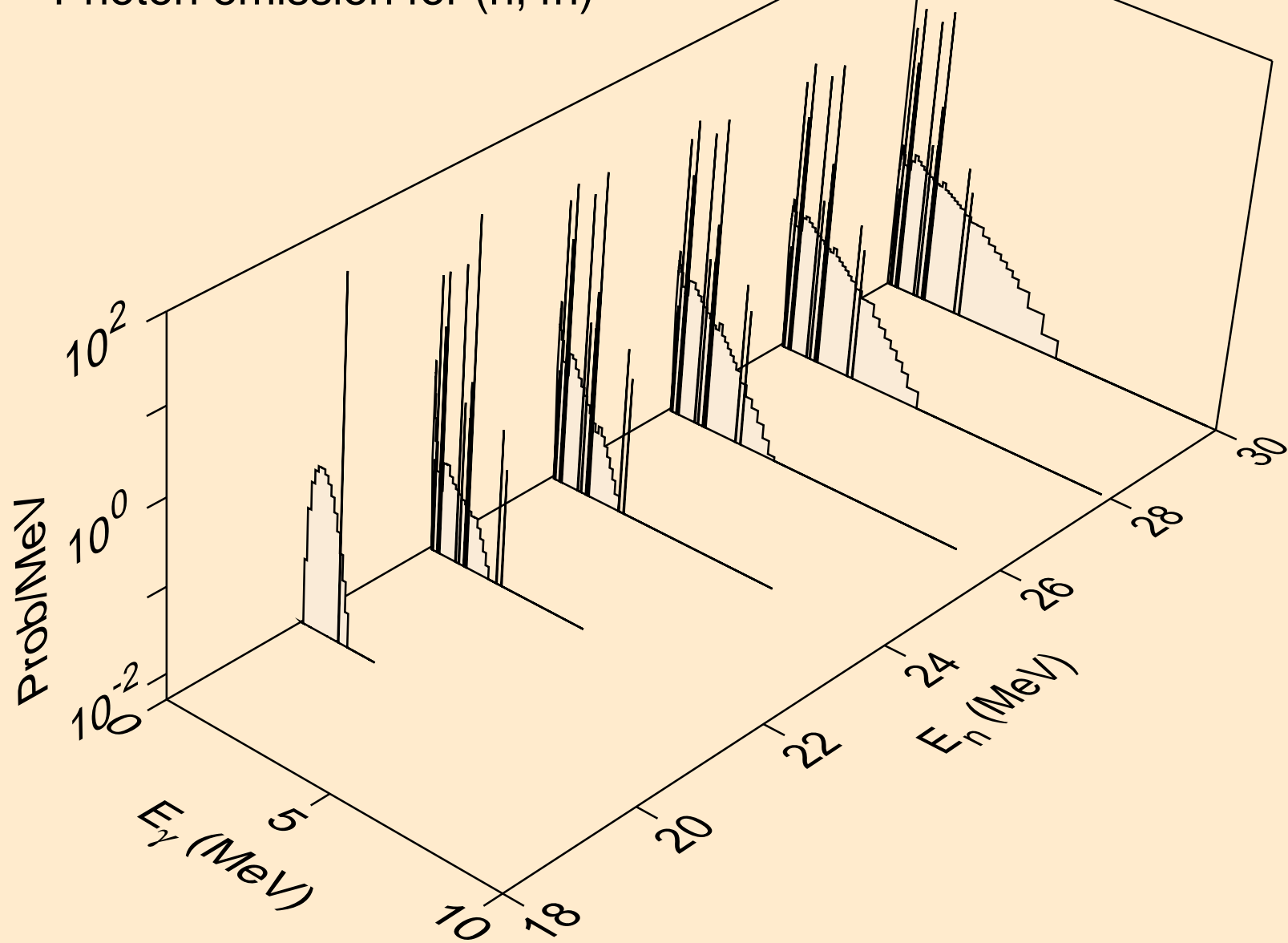
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Photon emission for (n,n\*)d



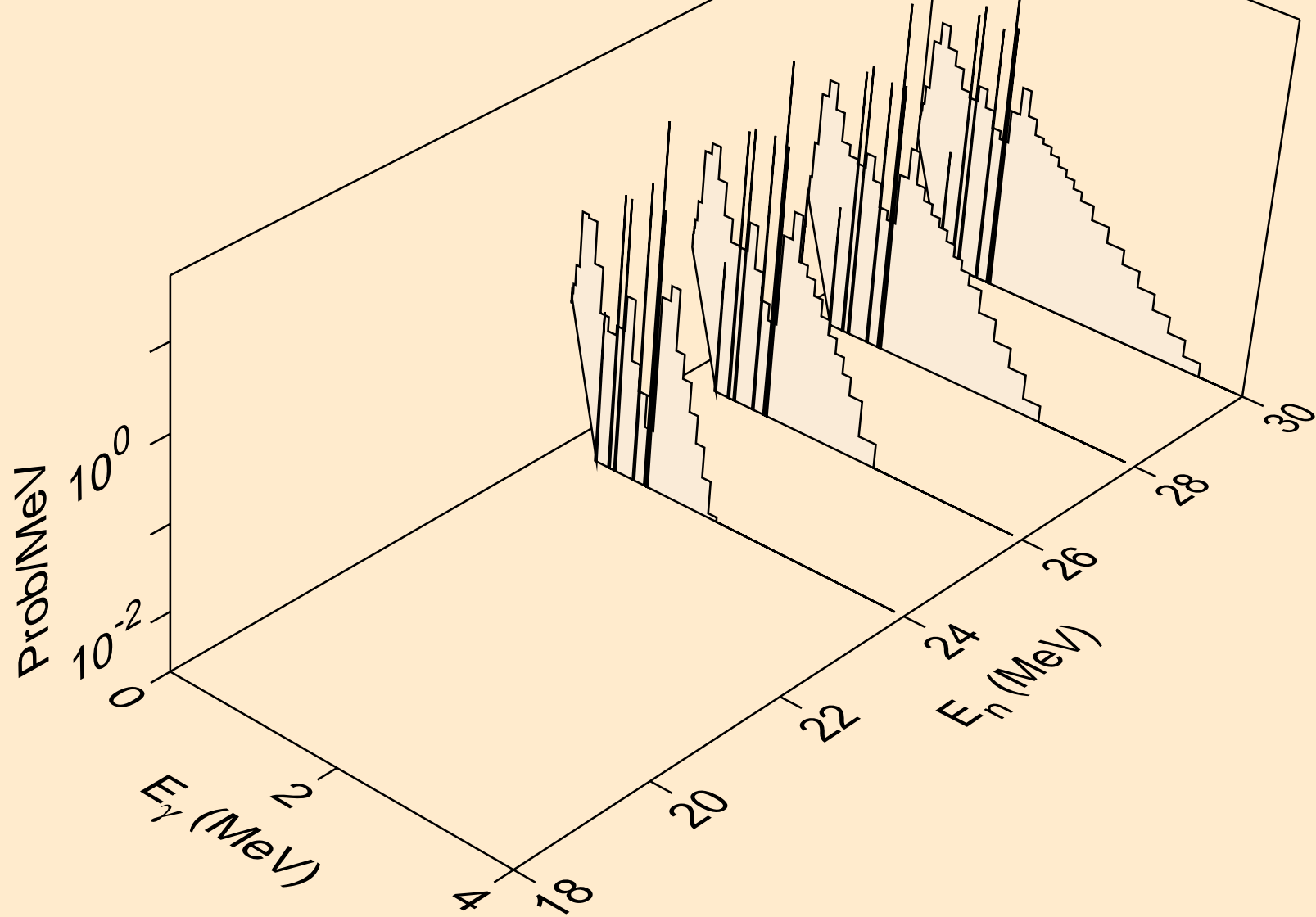
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

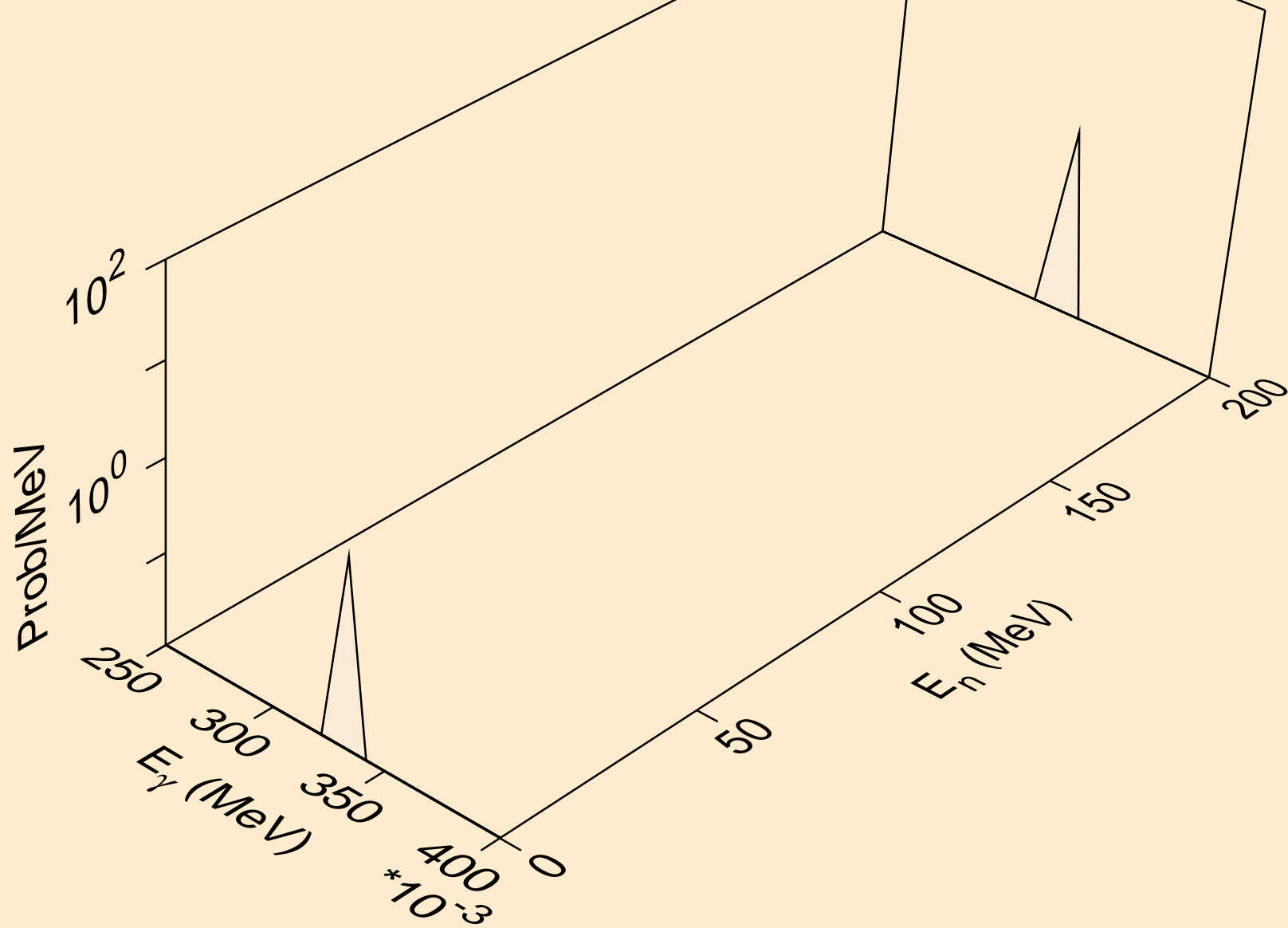


SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

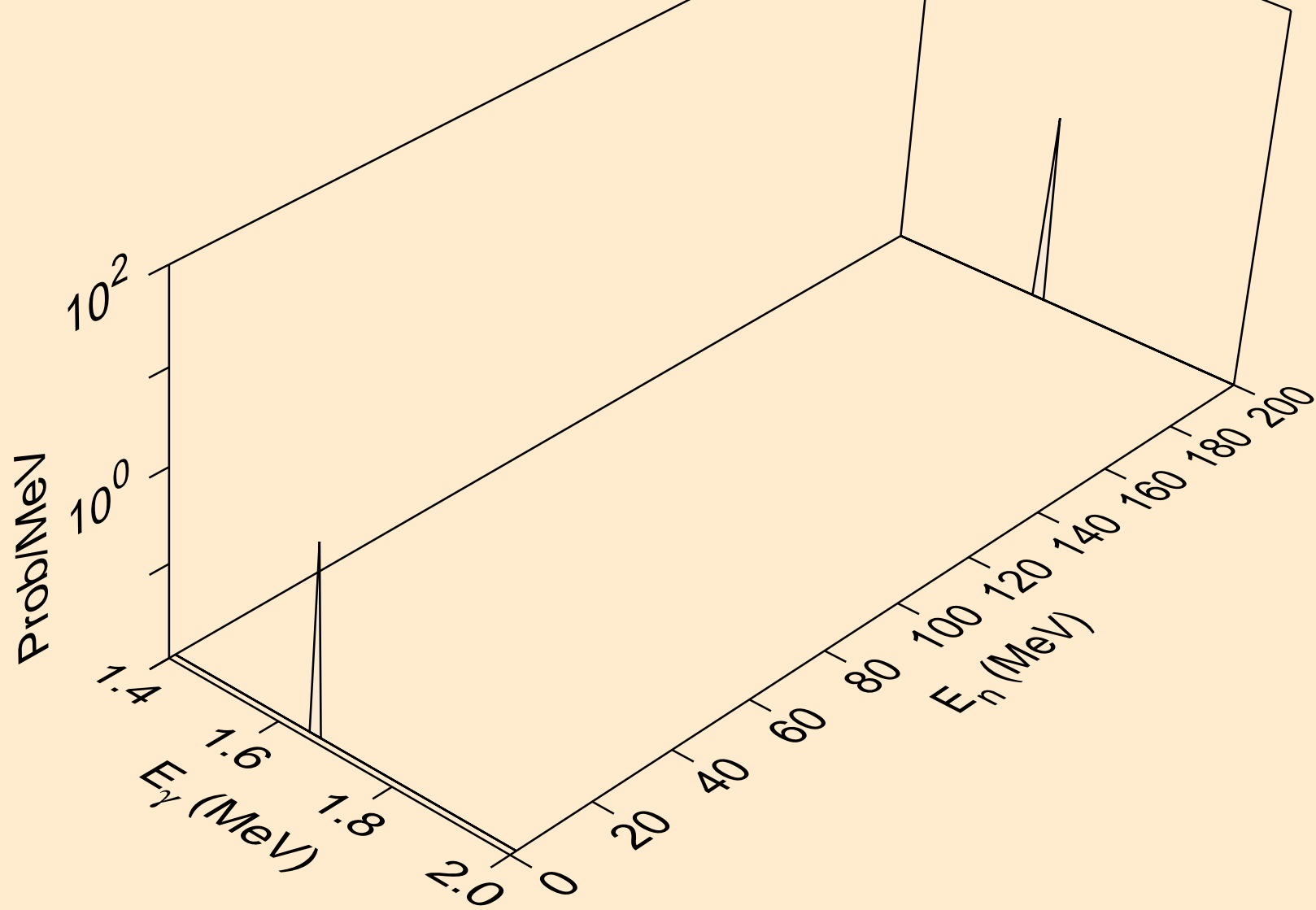




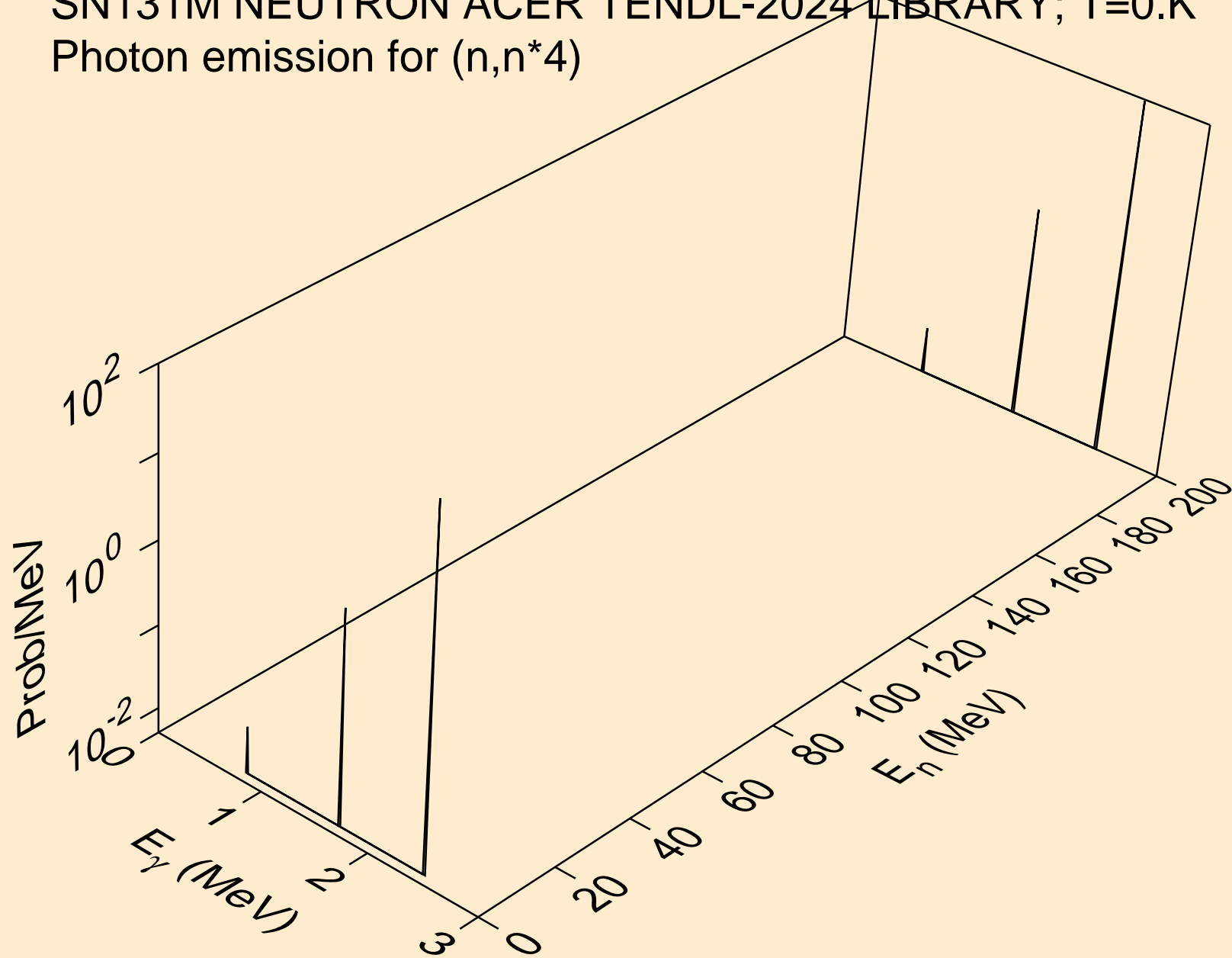
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Photon emission for (n,n\*2)



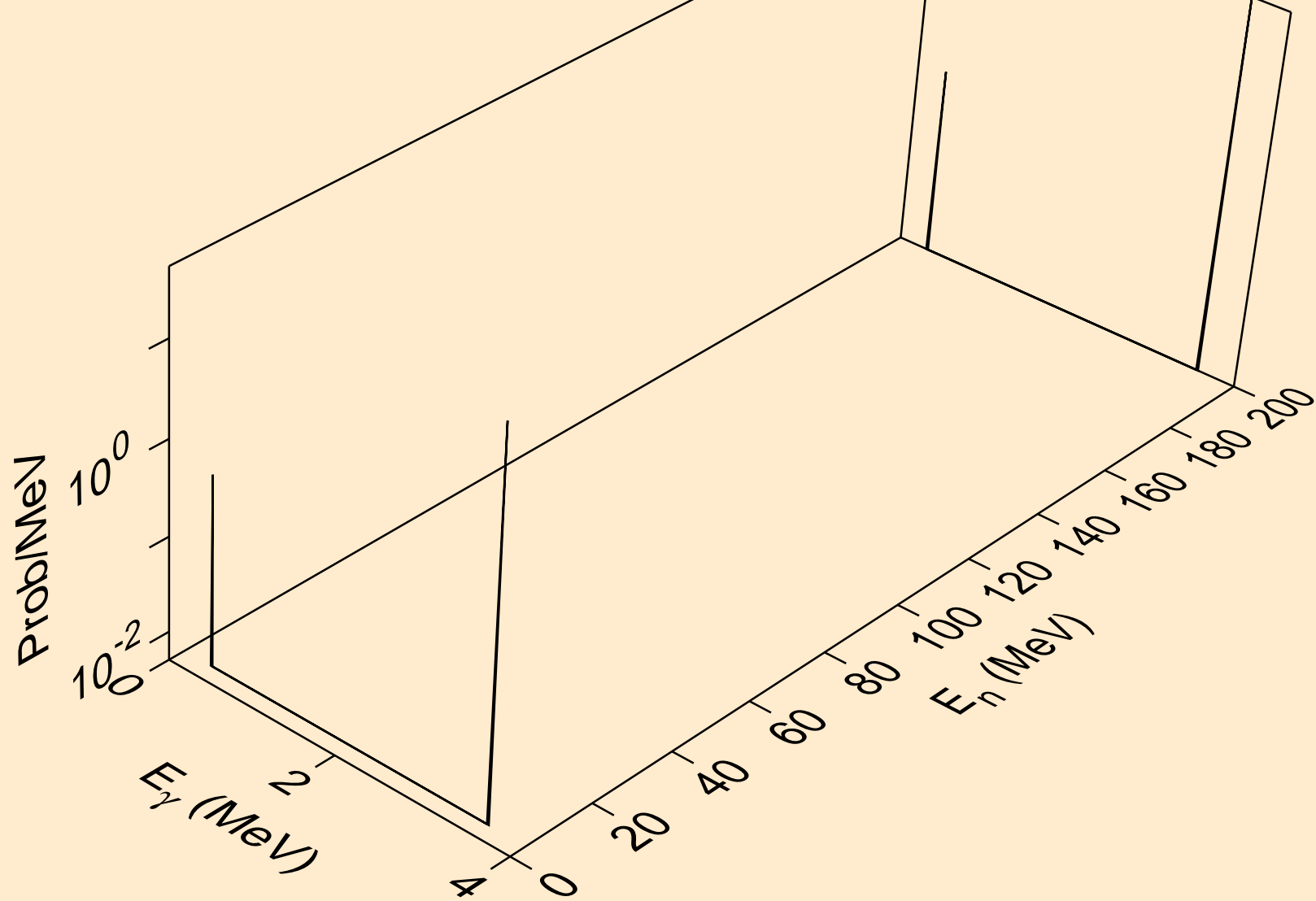
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Photon emission for (n,n\*3)



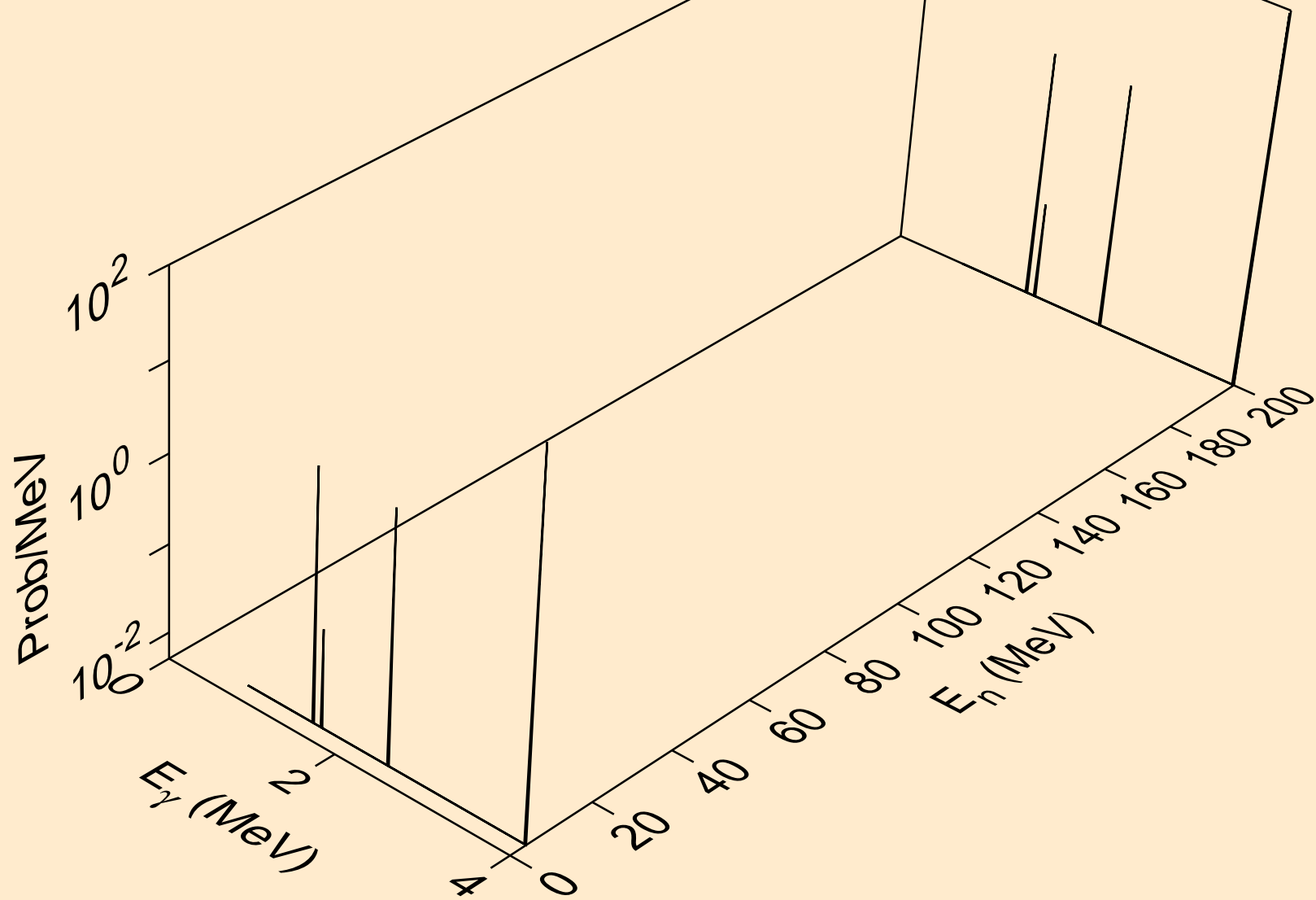
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Photon emission for (n,n\*4)



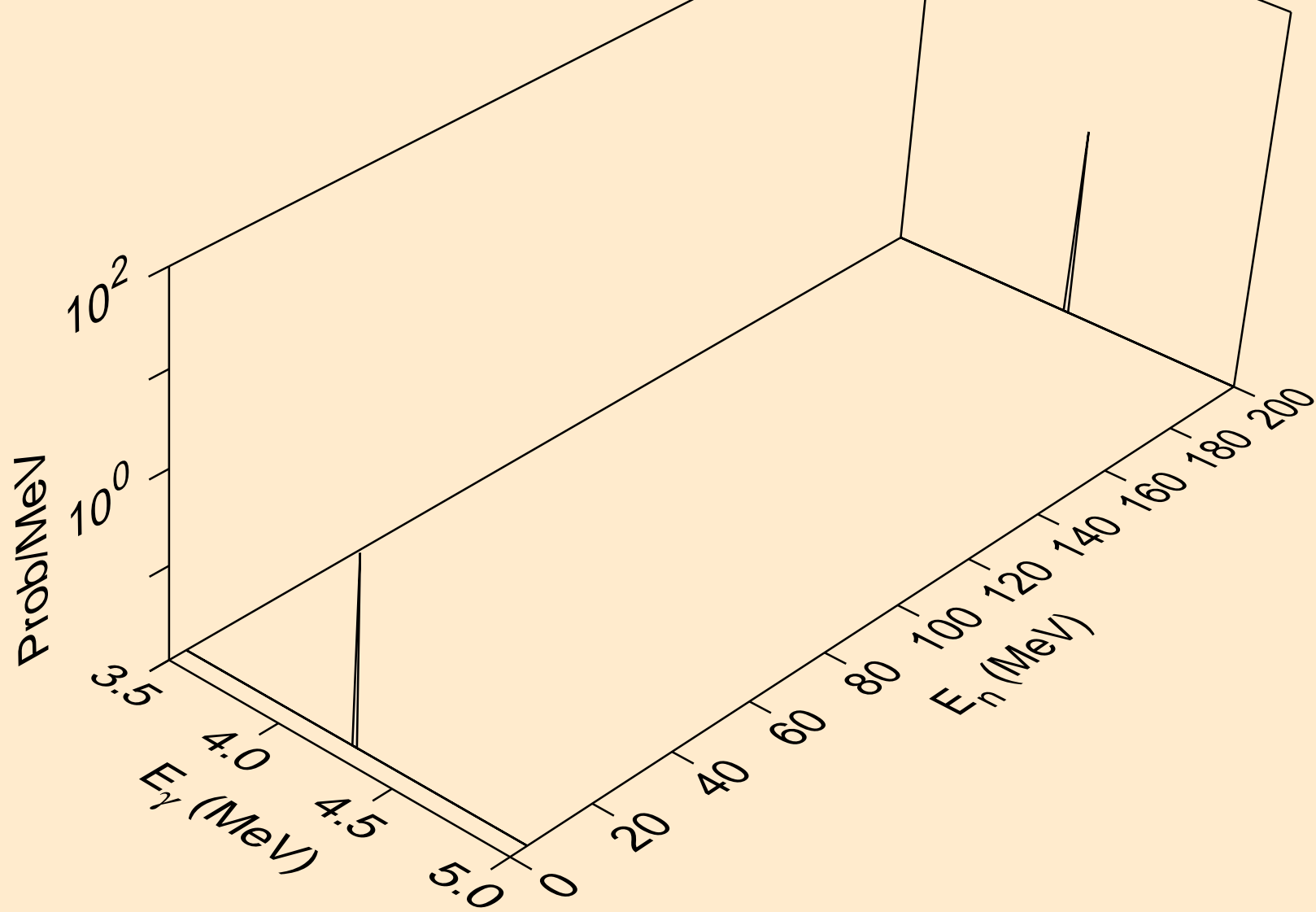
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Photon emission for (n,n\*5)



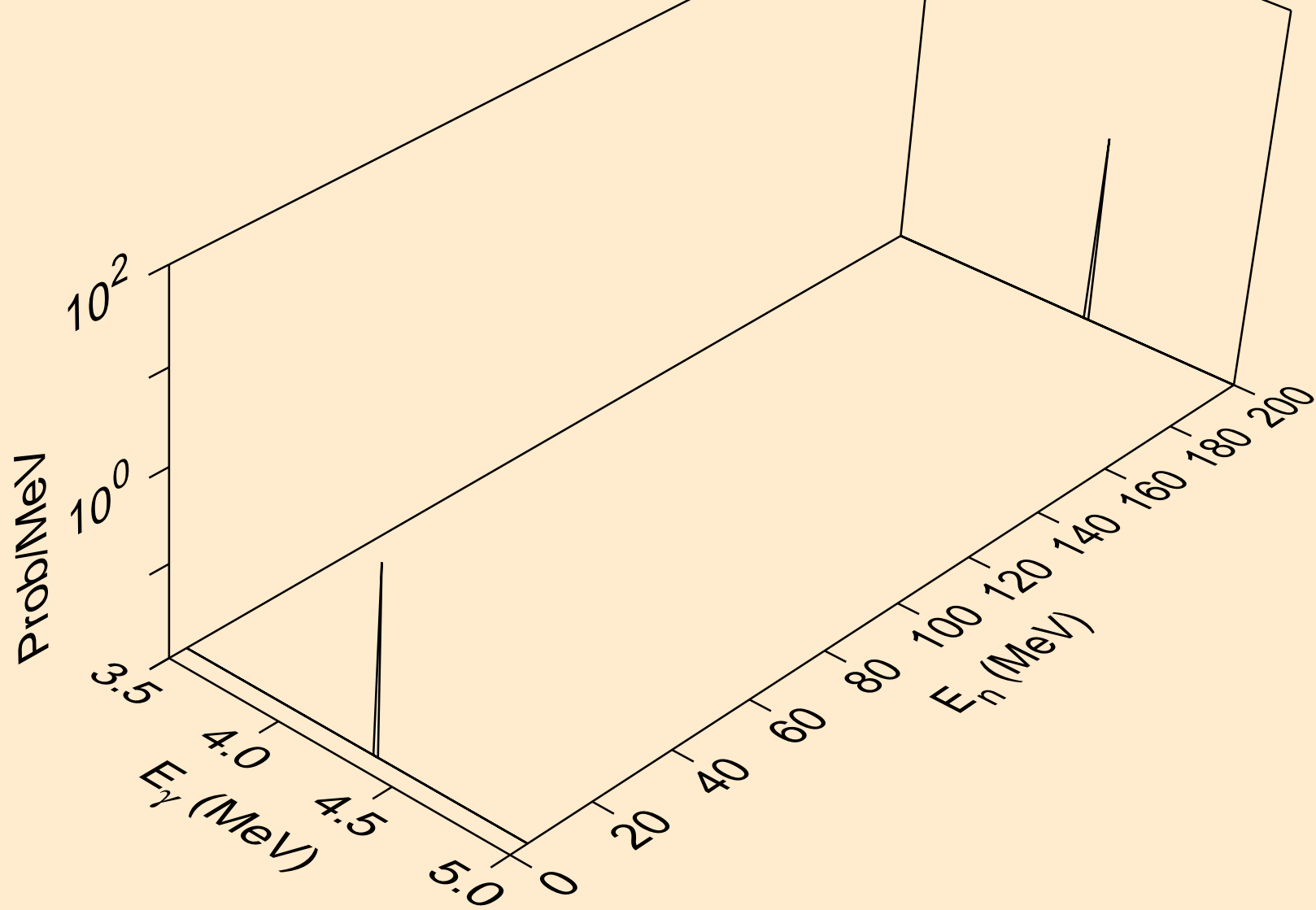
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Photon emission for (n,n\*6)



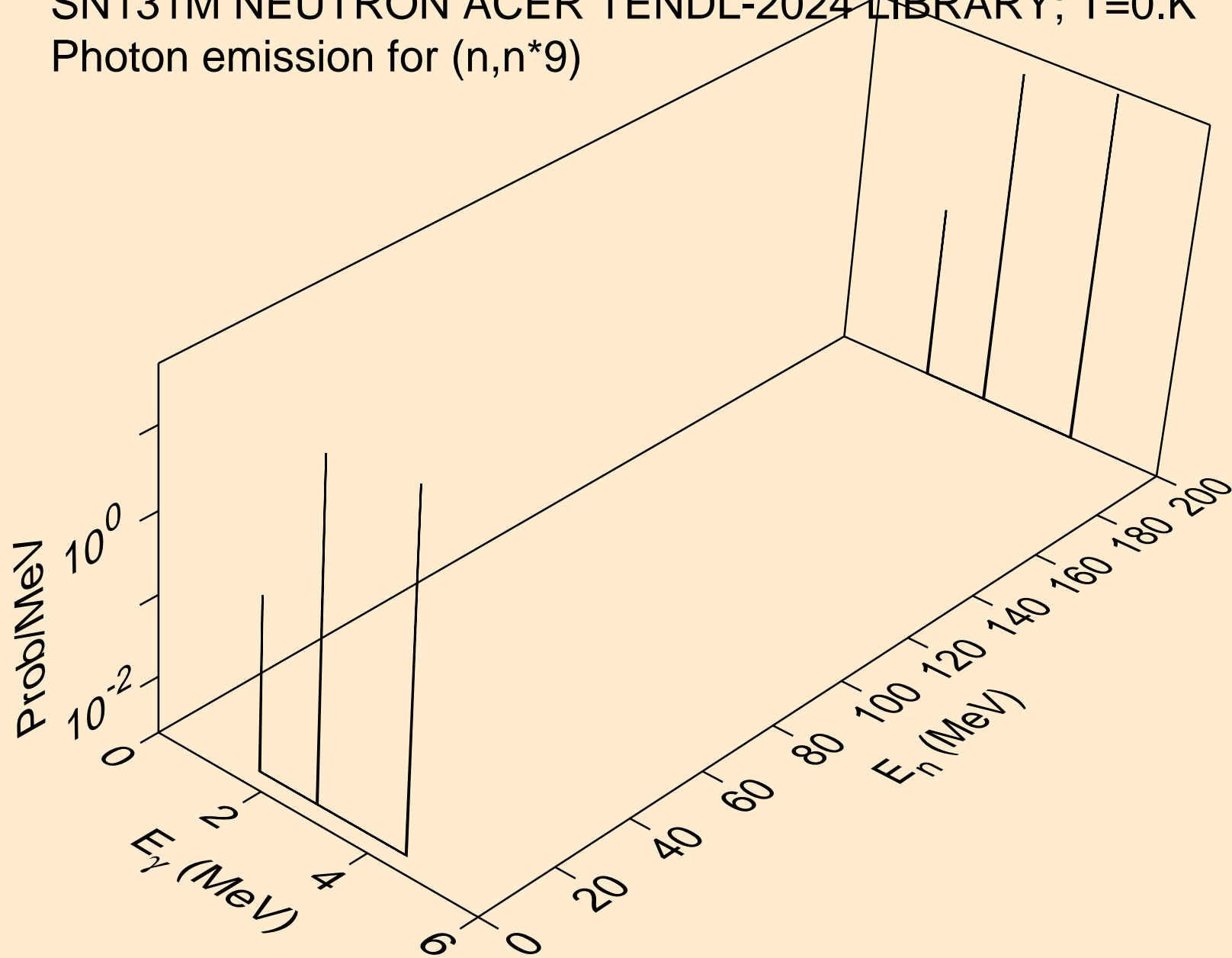
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*7)



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*8)

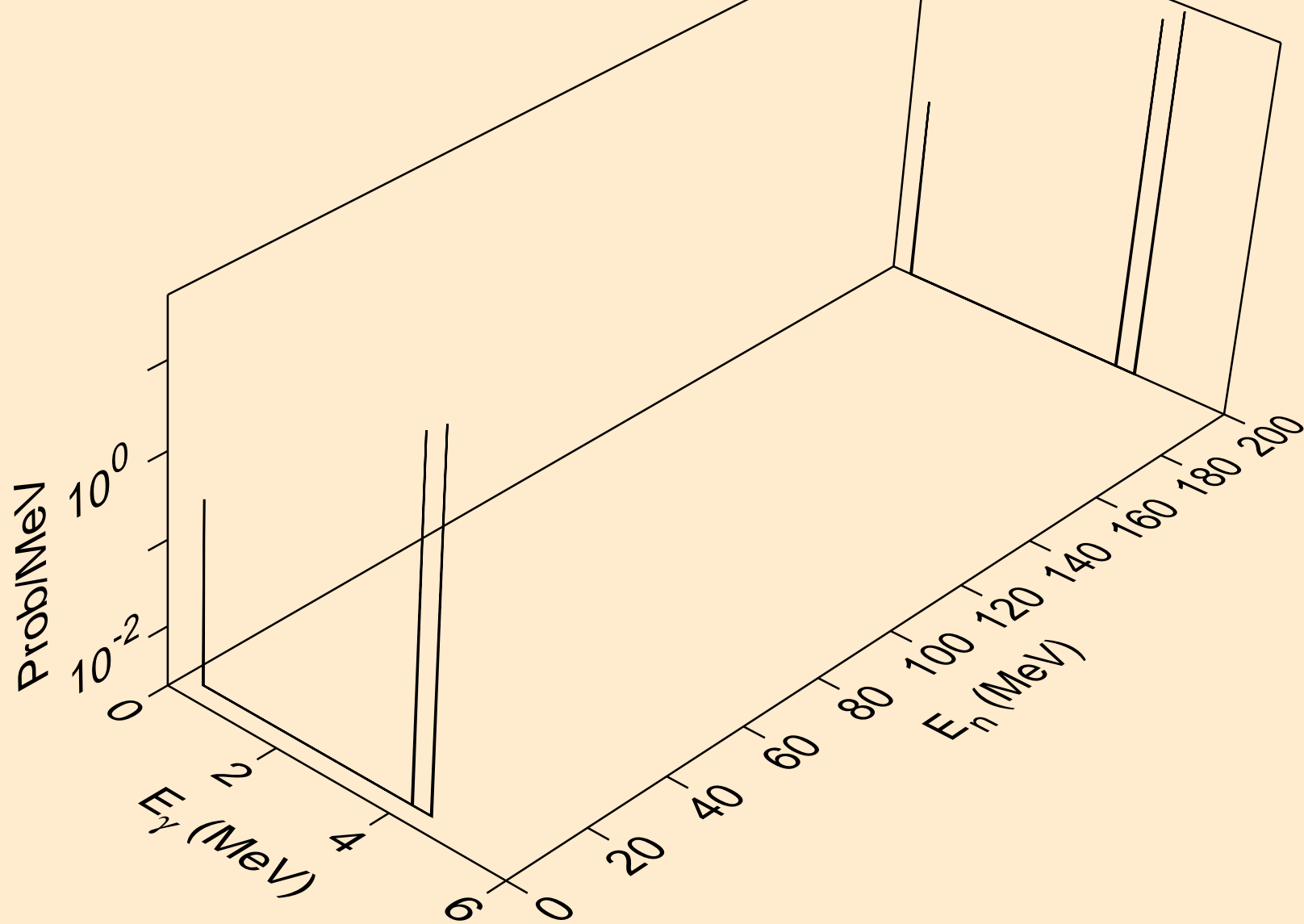


SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*9)

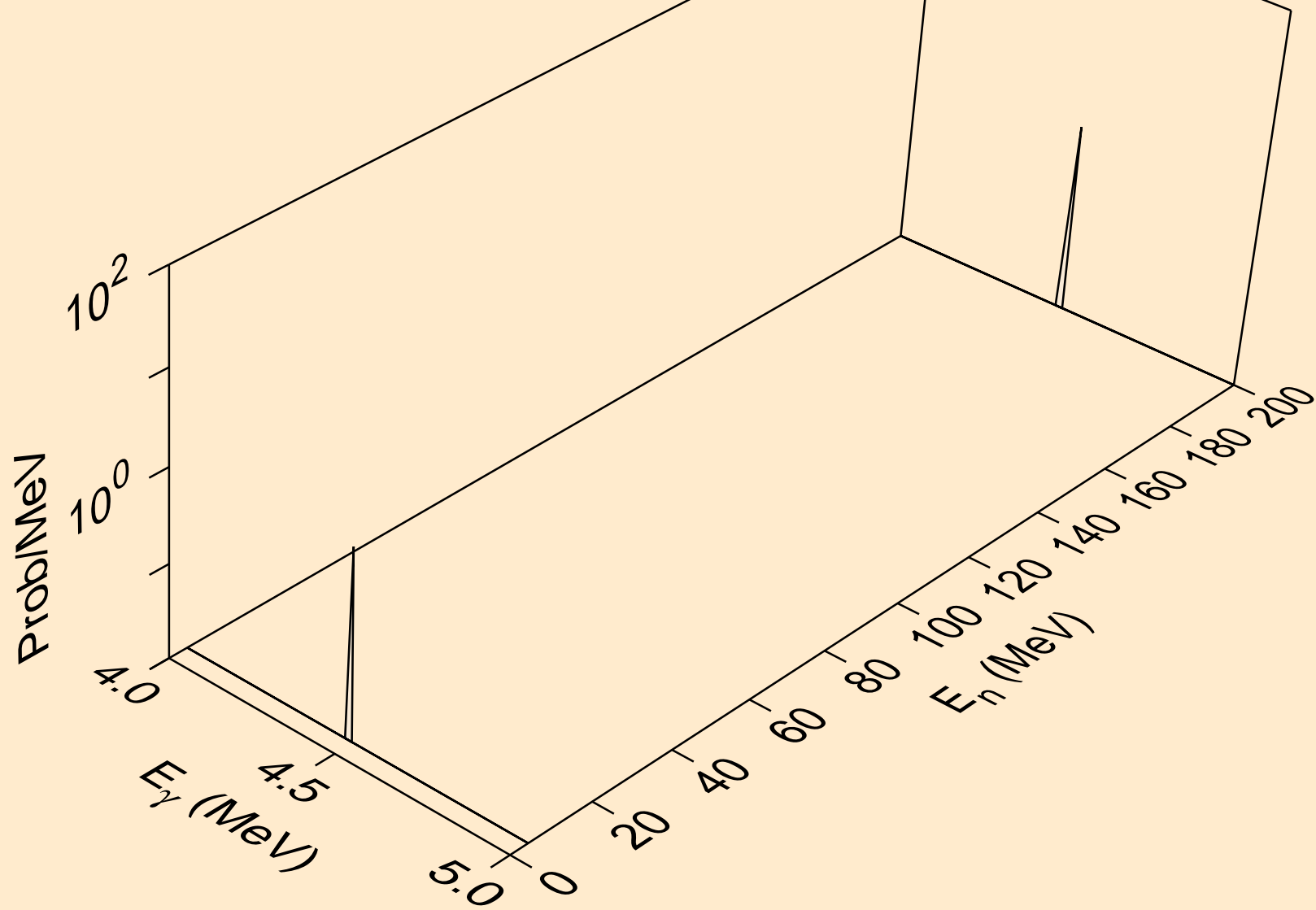




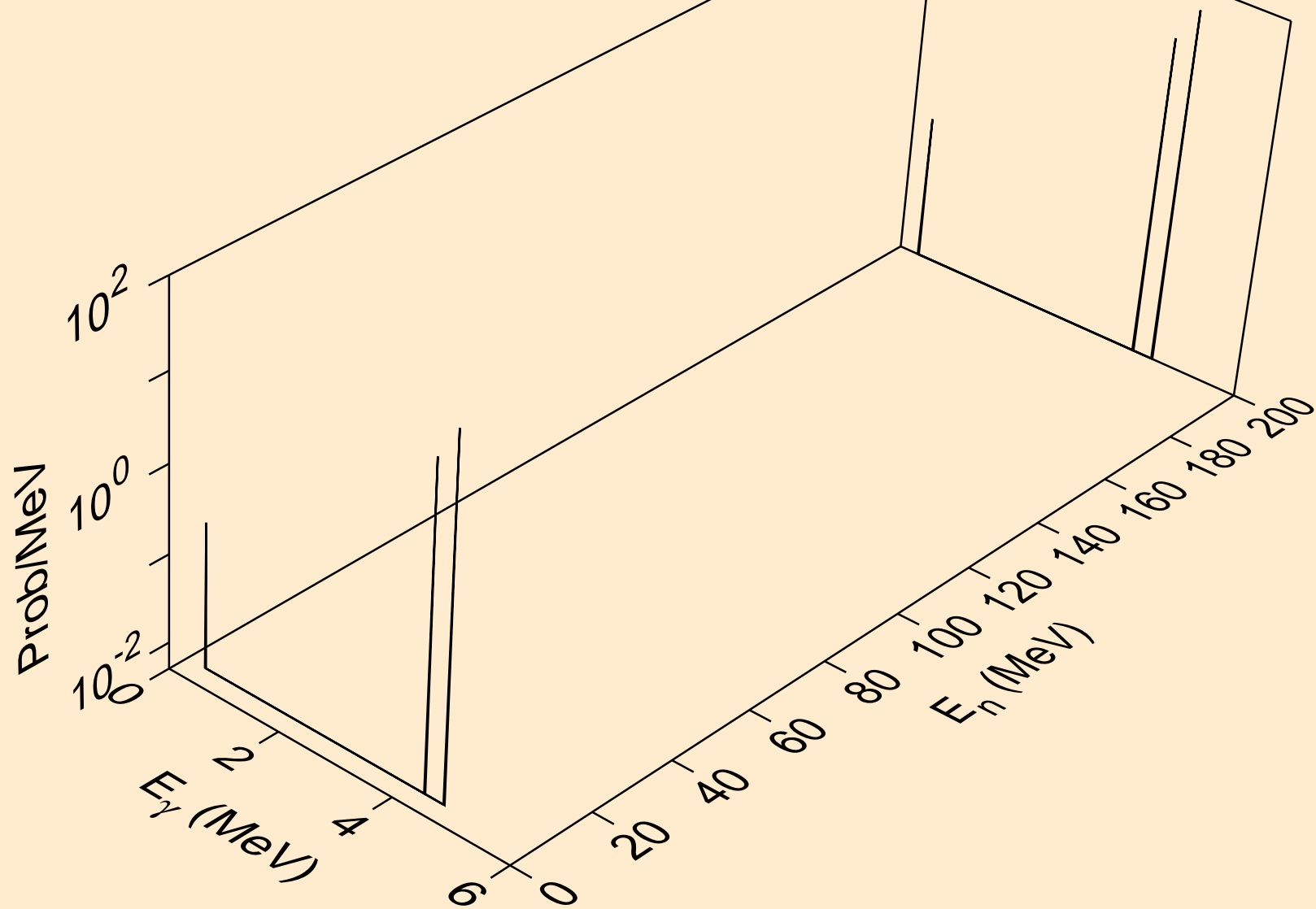
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Photon emission for (n,n\*10)



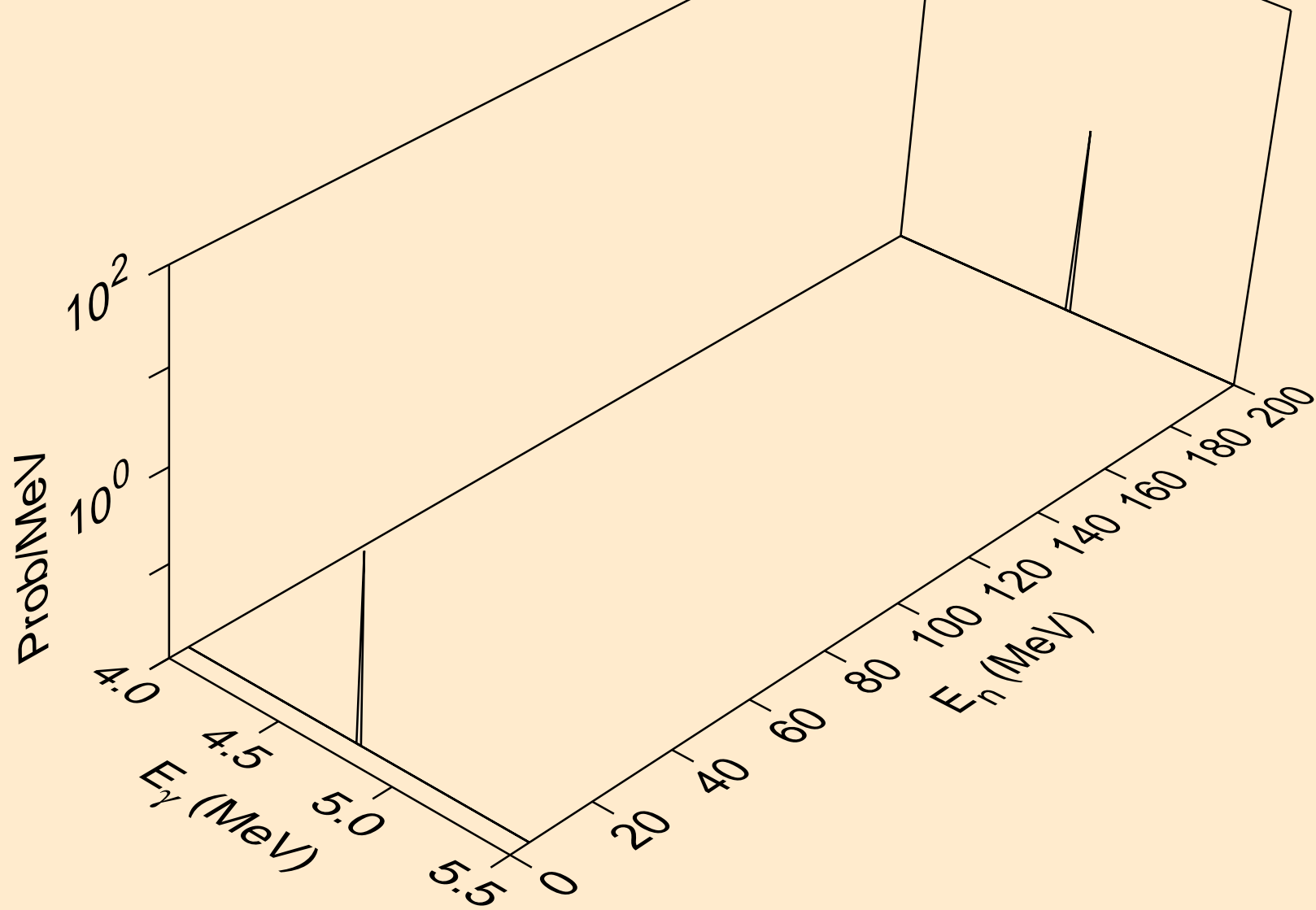
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Photon emission for (n,n\*11)



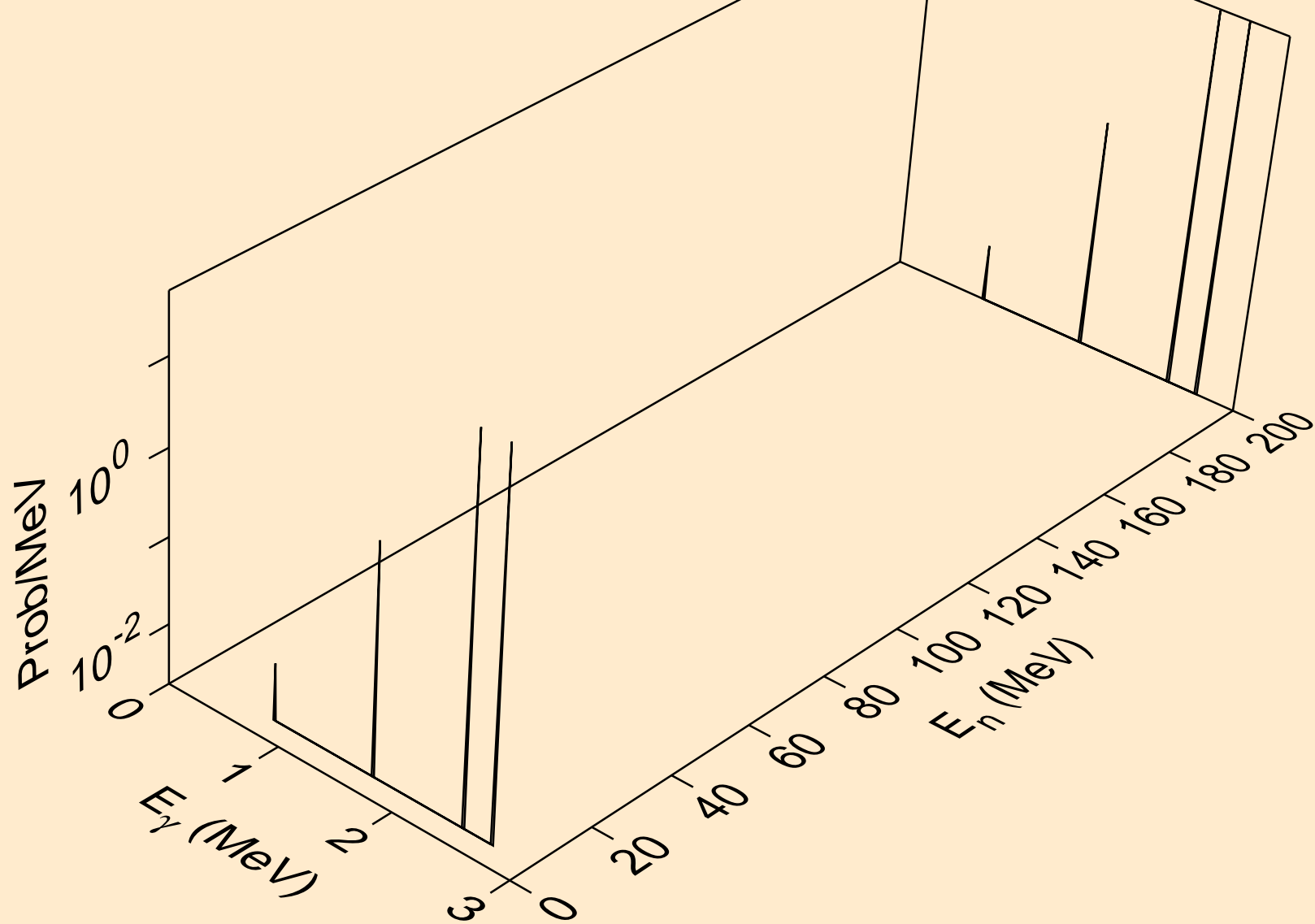
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Photon emission for (n,n\*12)



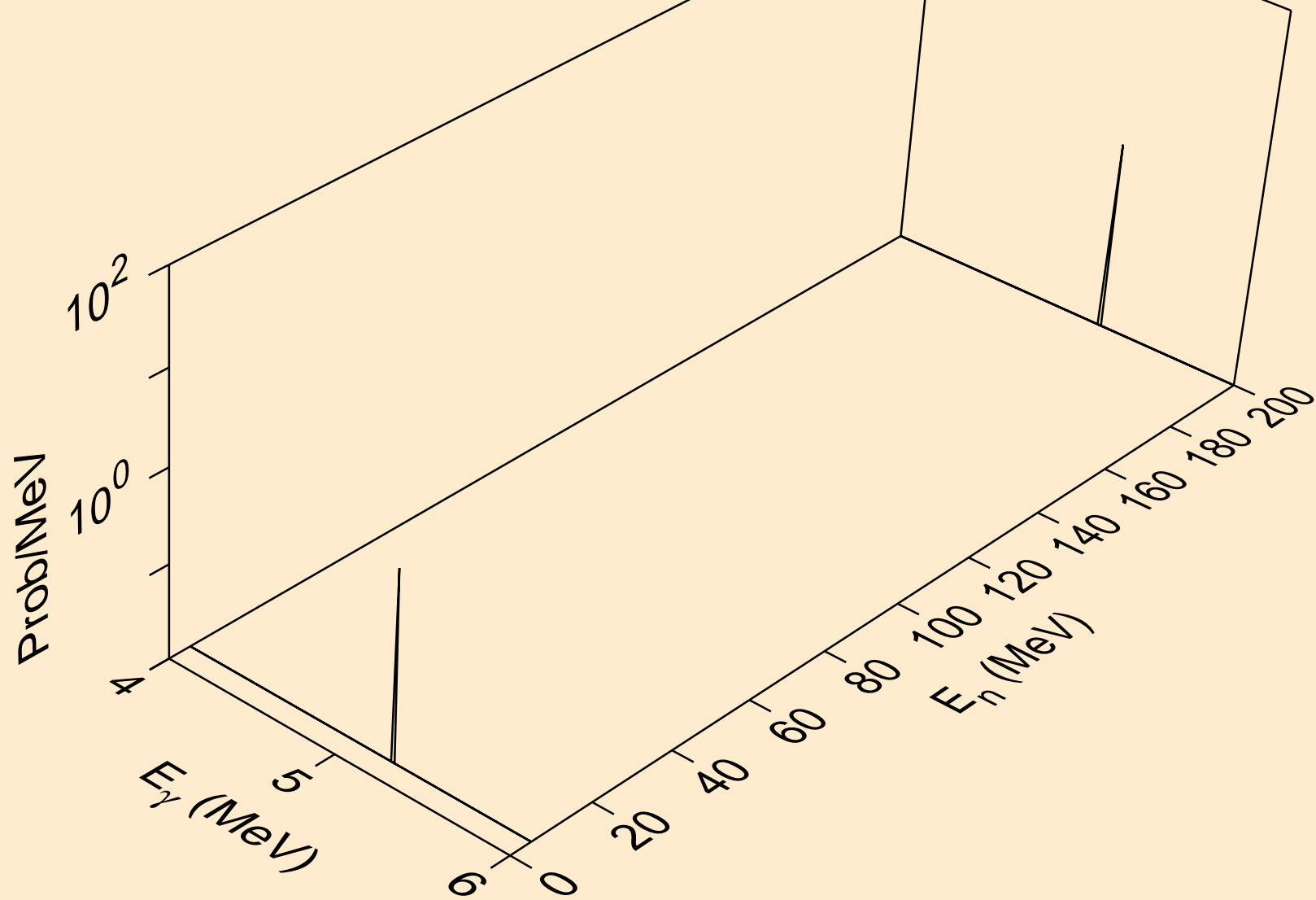
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Photon emission for (n,n\*13)



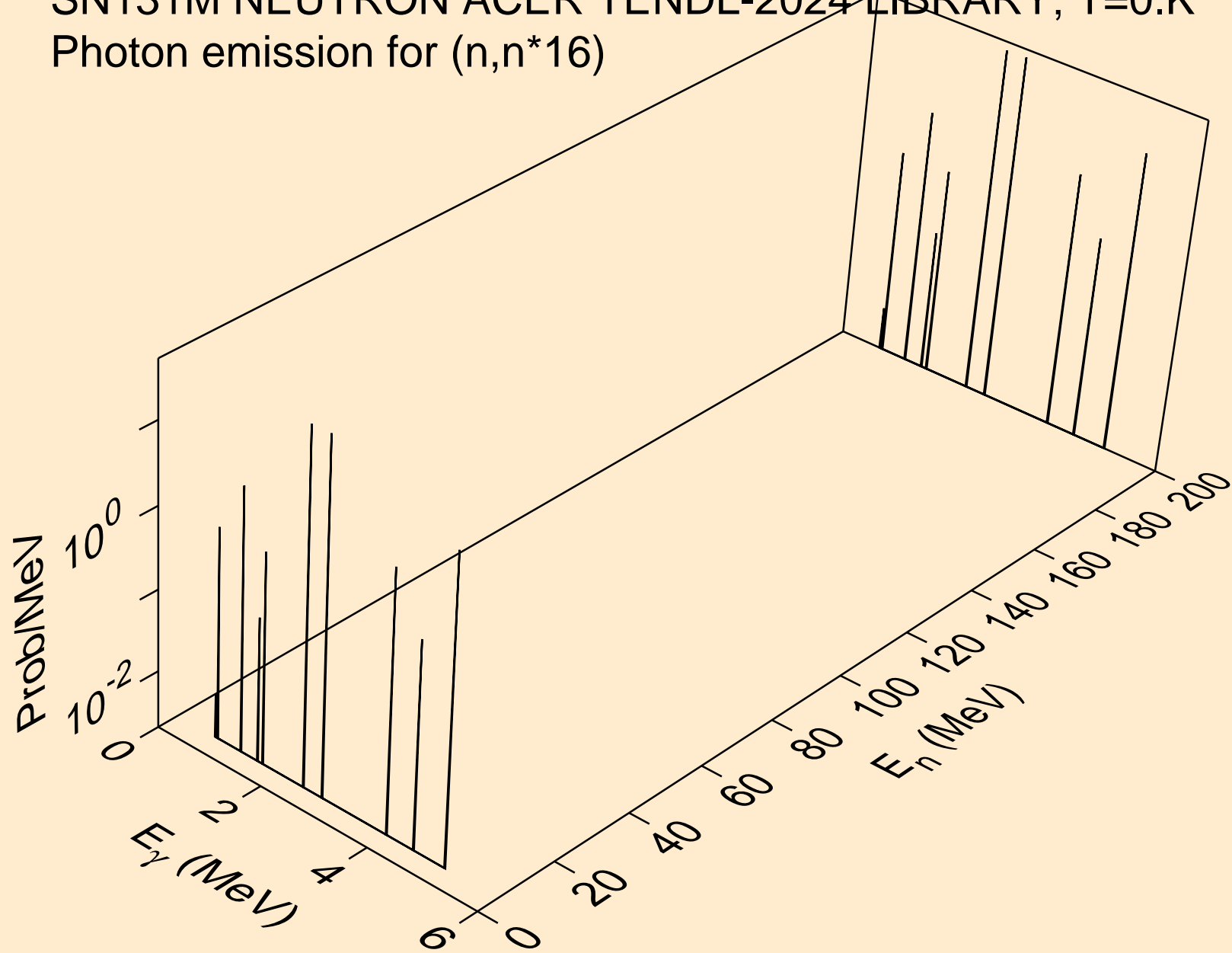
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Photon emission for (n,n\*14)



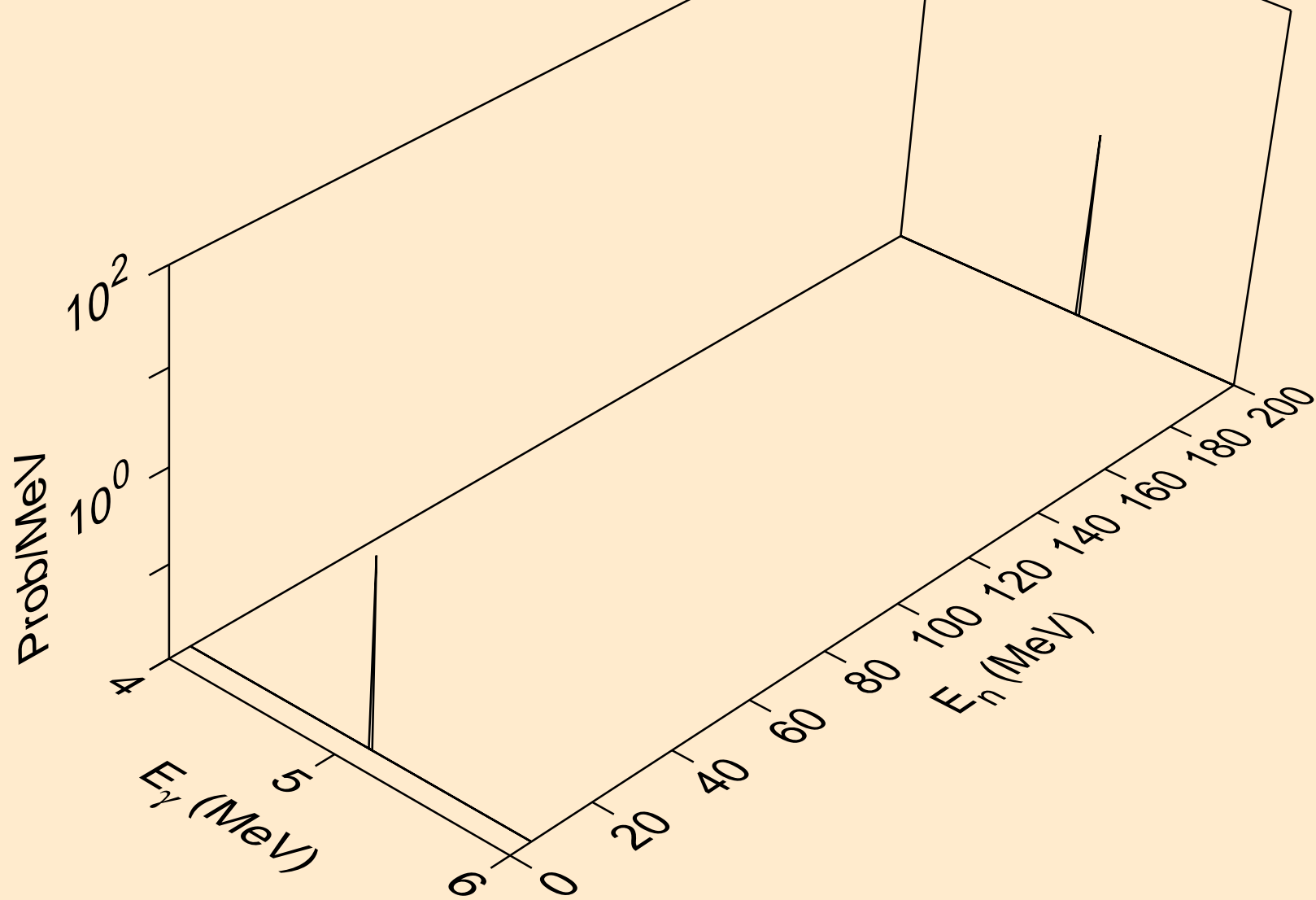
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*15)



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*16)

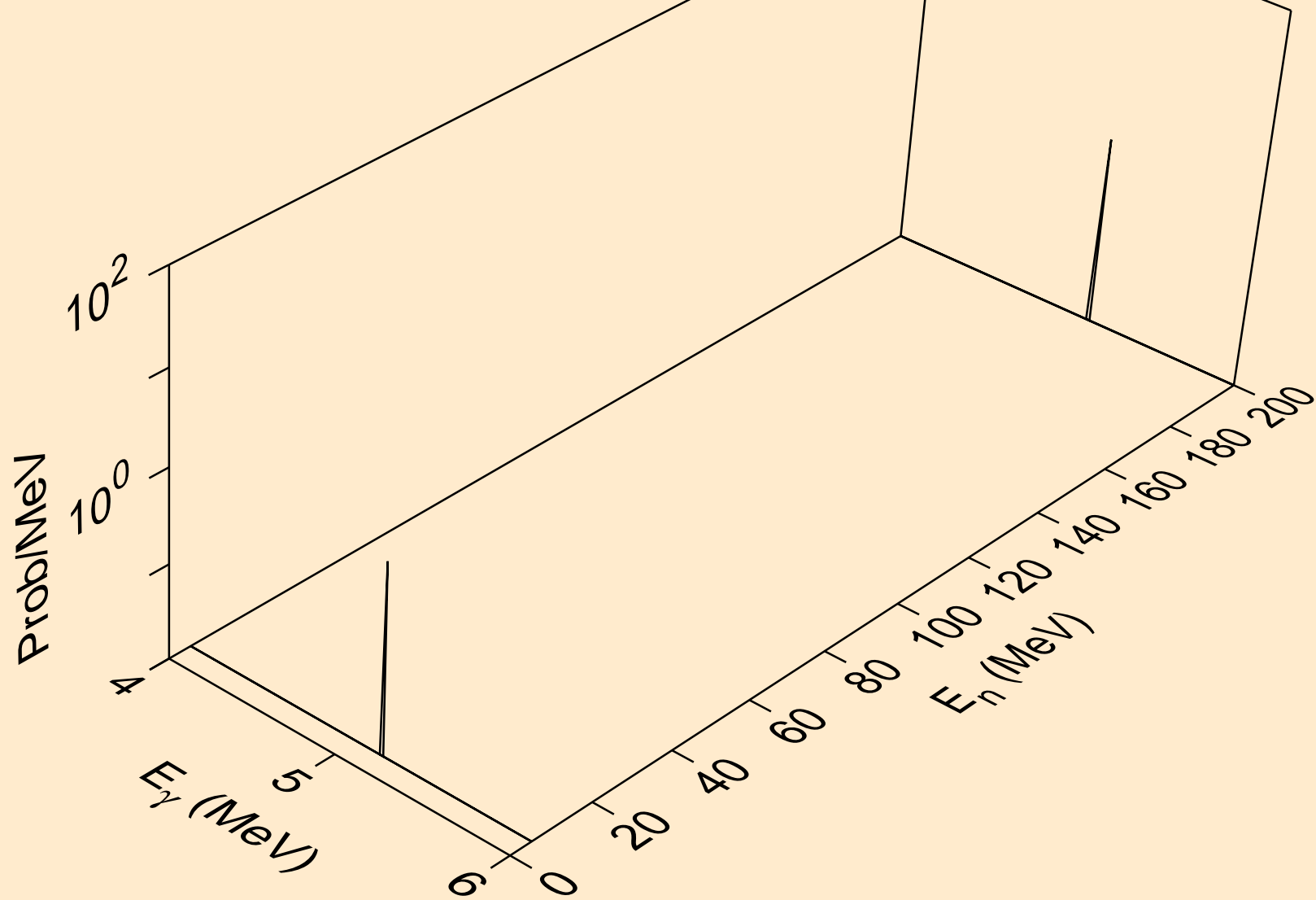


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Photon emission for (n,n\*17)

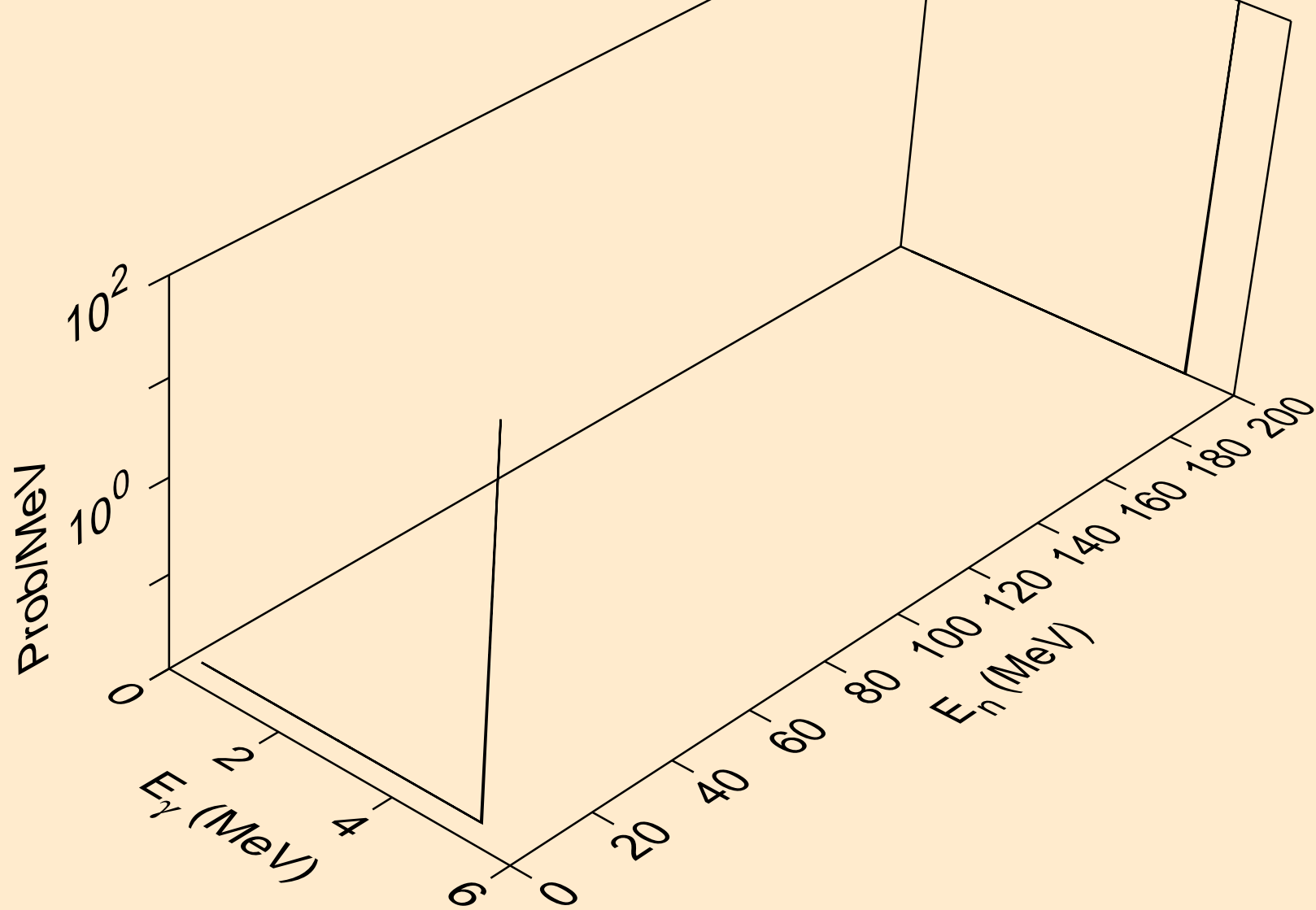




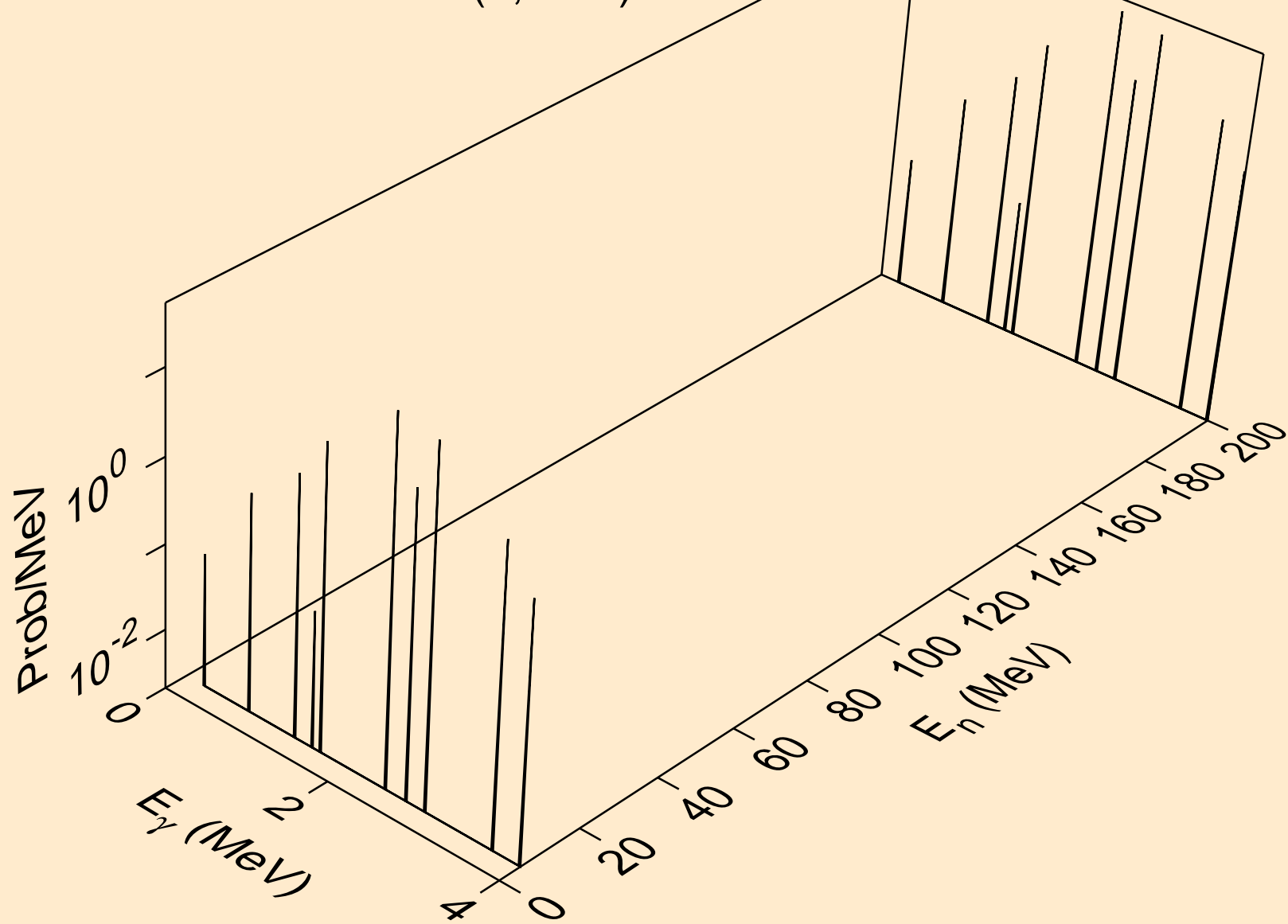
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Photon emission for (n,n\*18)



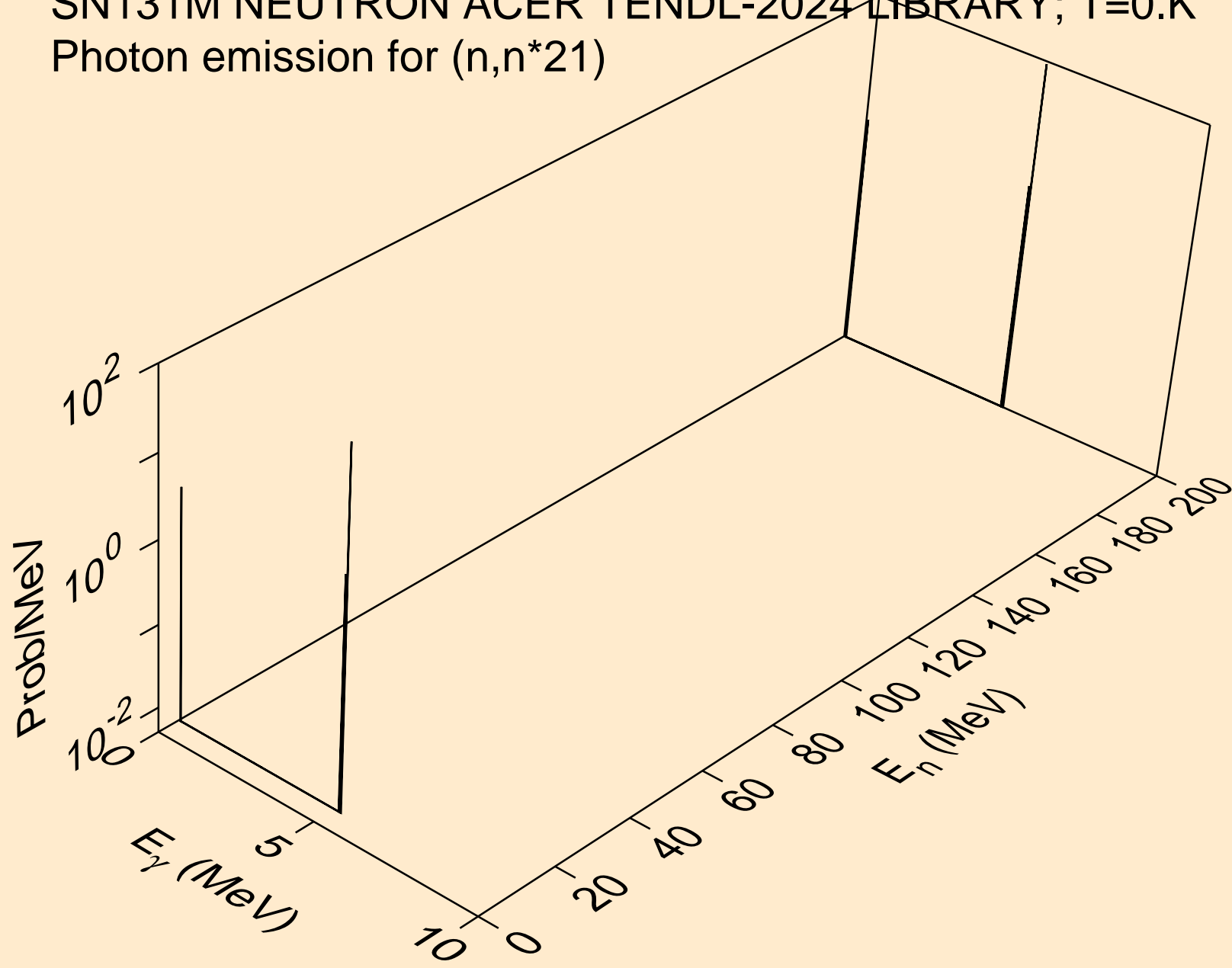
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Photon emission for (n,n\*19)



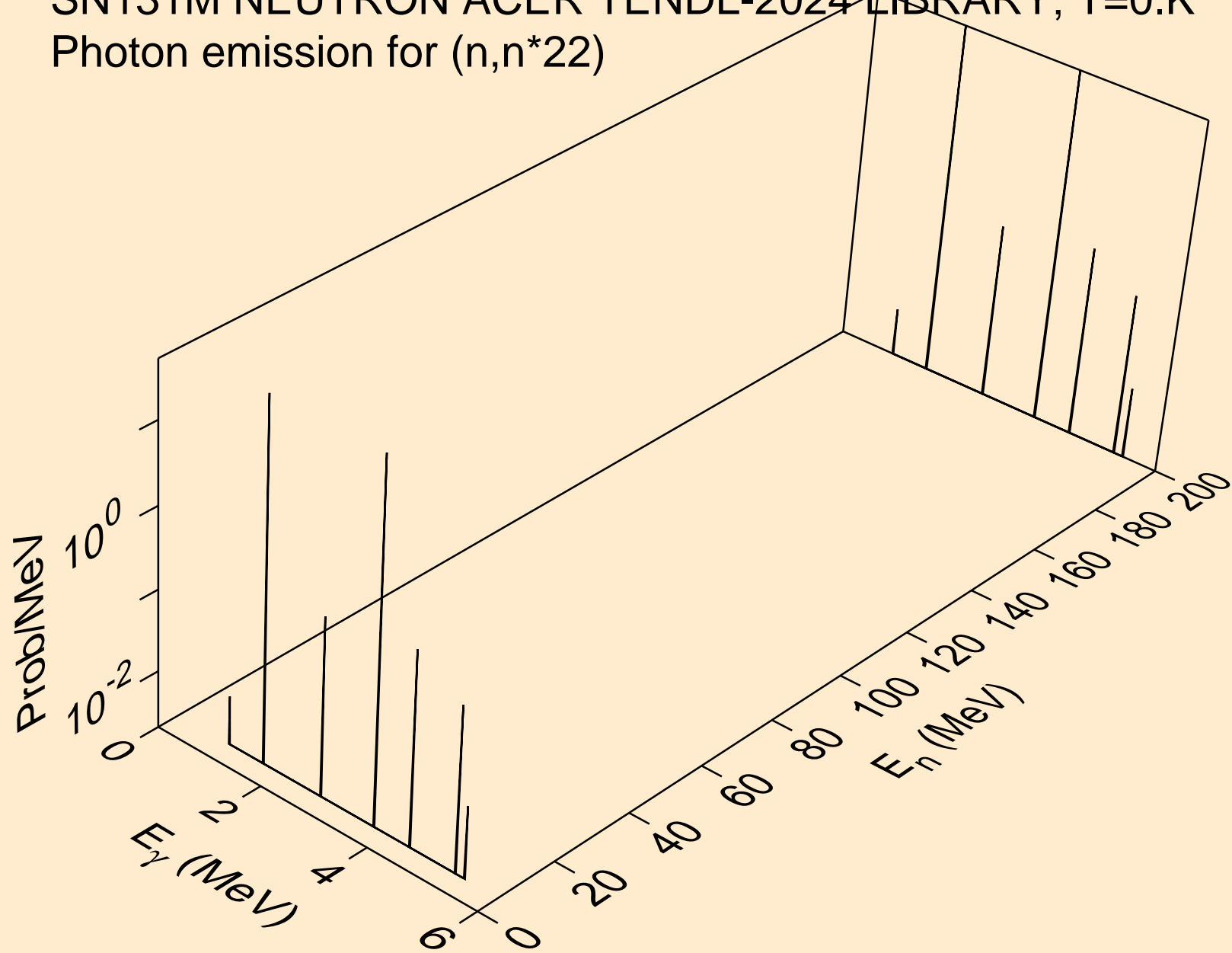
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Photon emission for (n,n\*20)



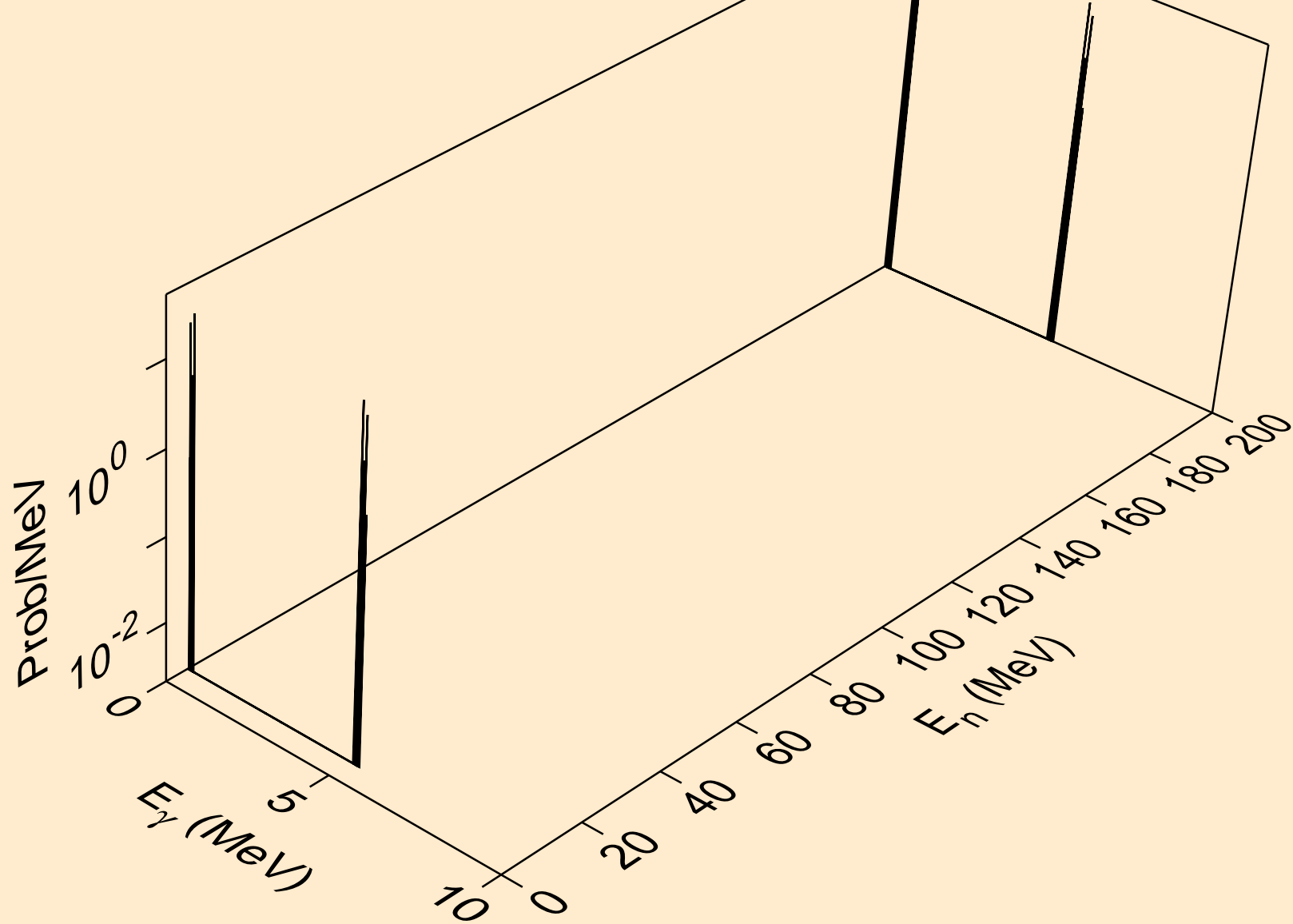
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Photon emission for (n,n\*21)



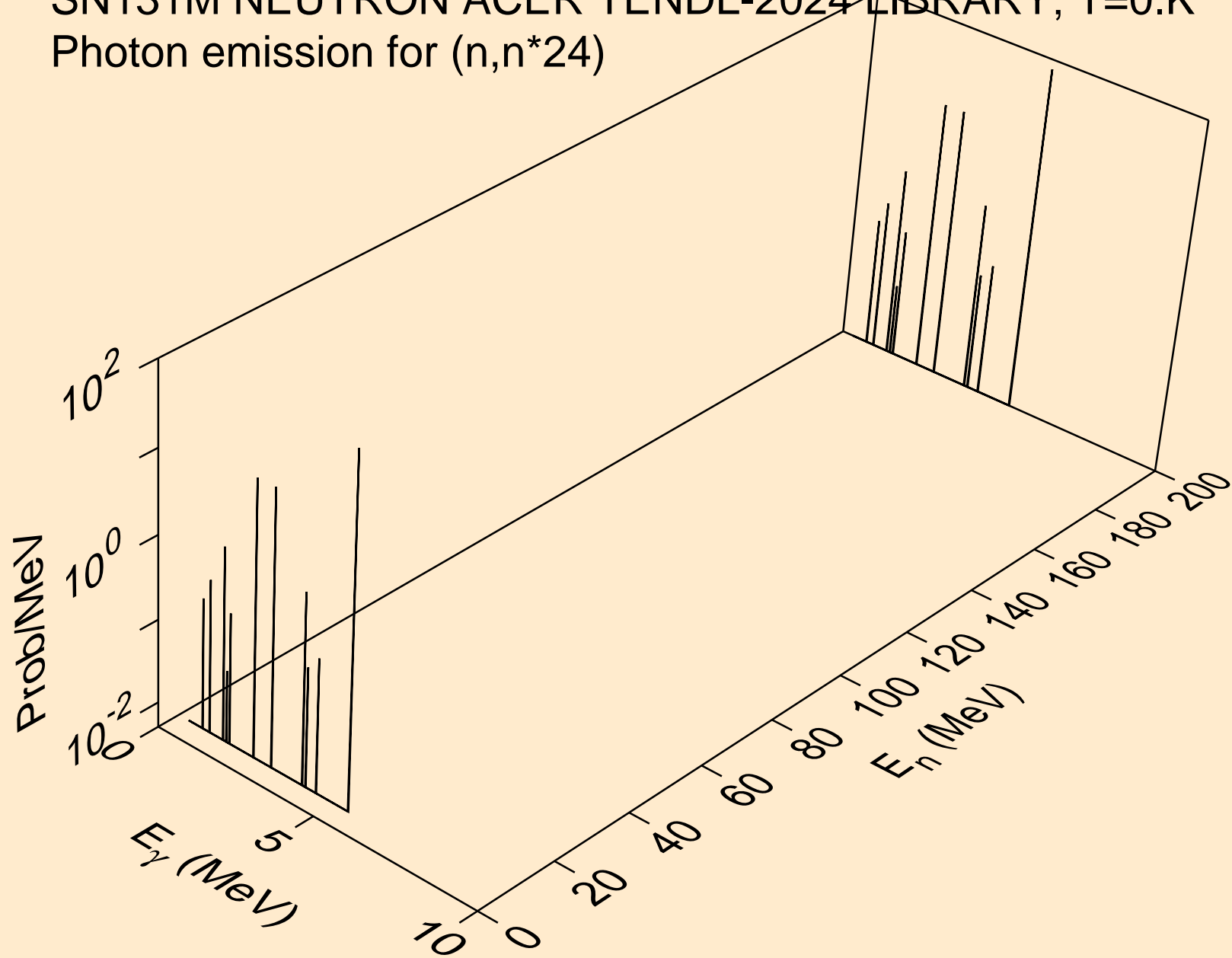
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Photon emission for (n,n\*22)



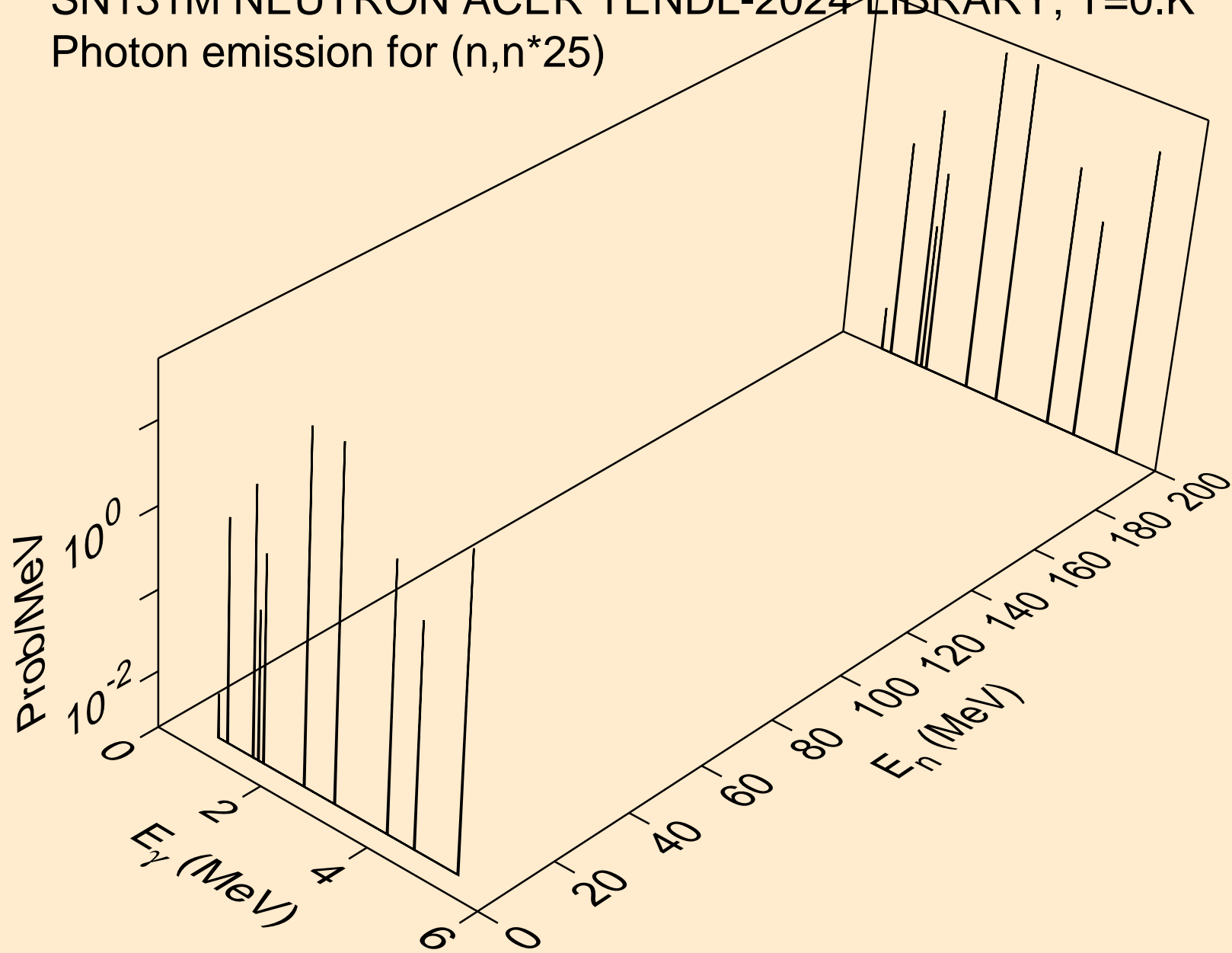
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Photon emission for (n,n\*23)



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*24)

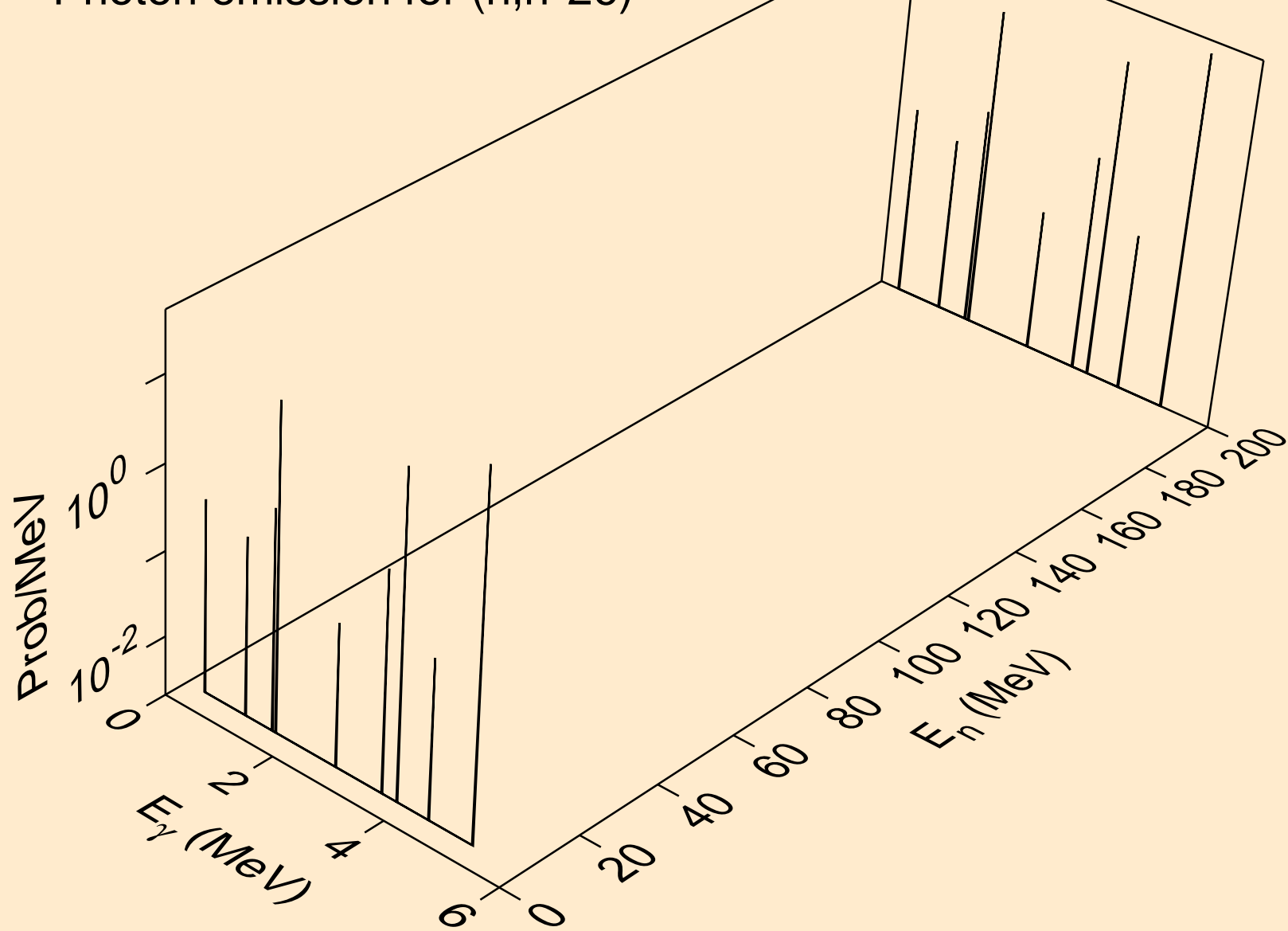


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Photon emission for (n,n\*25)

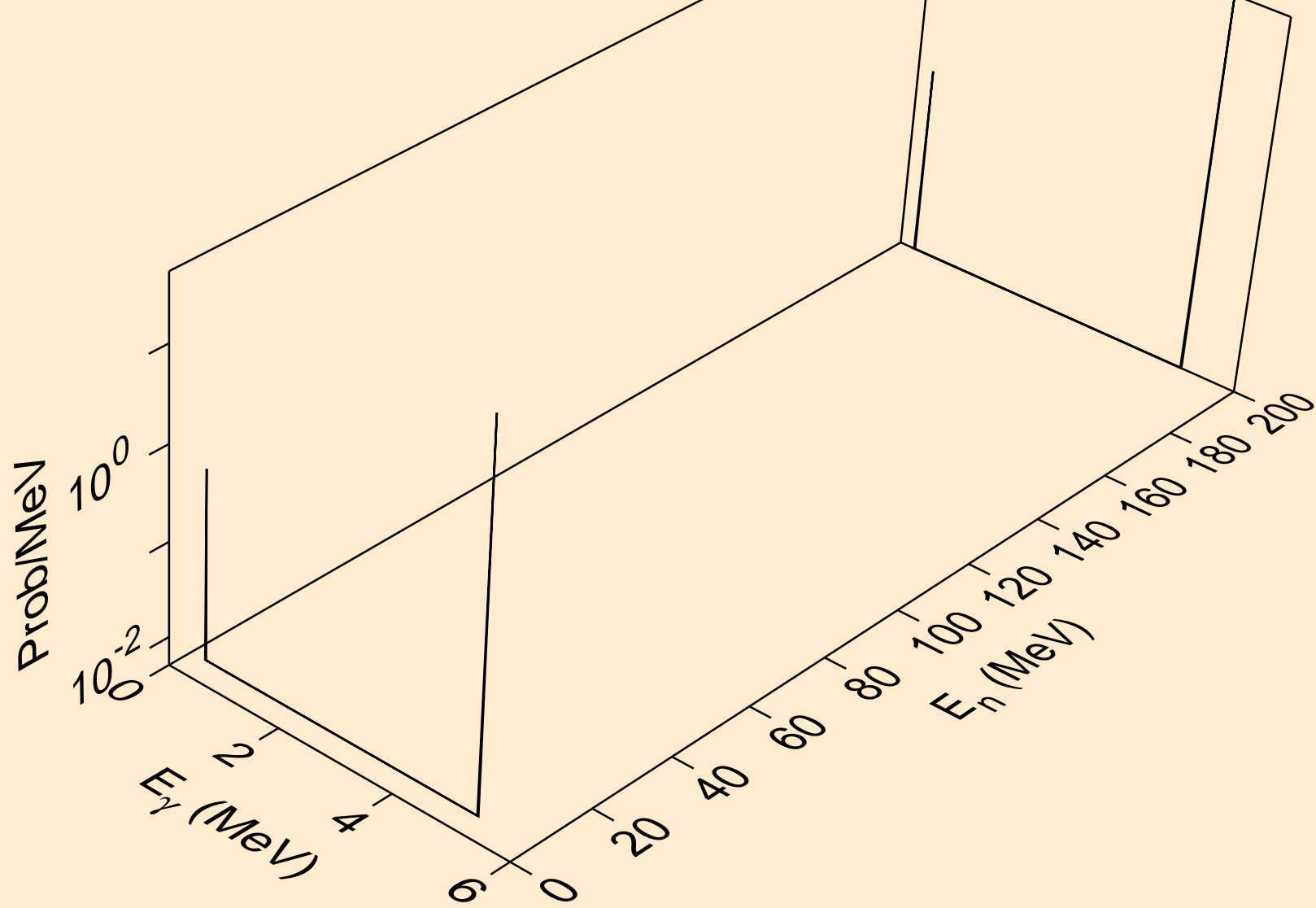




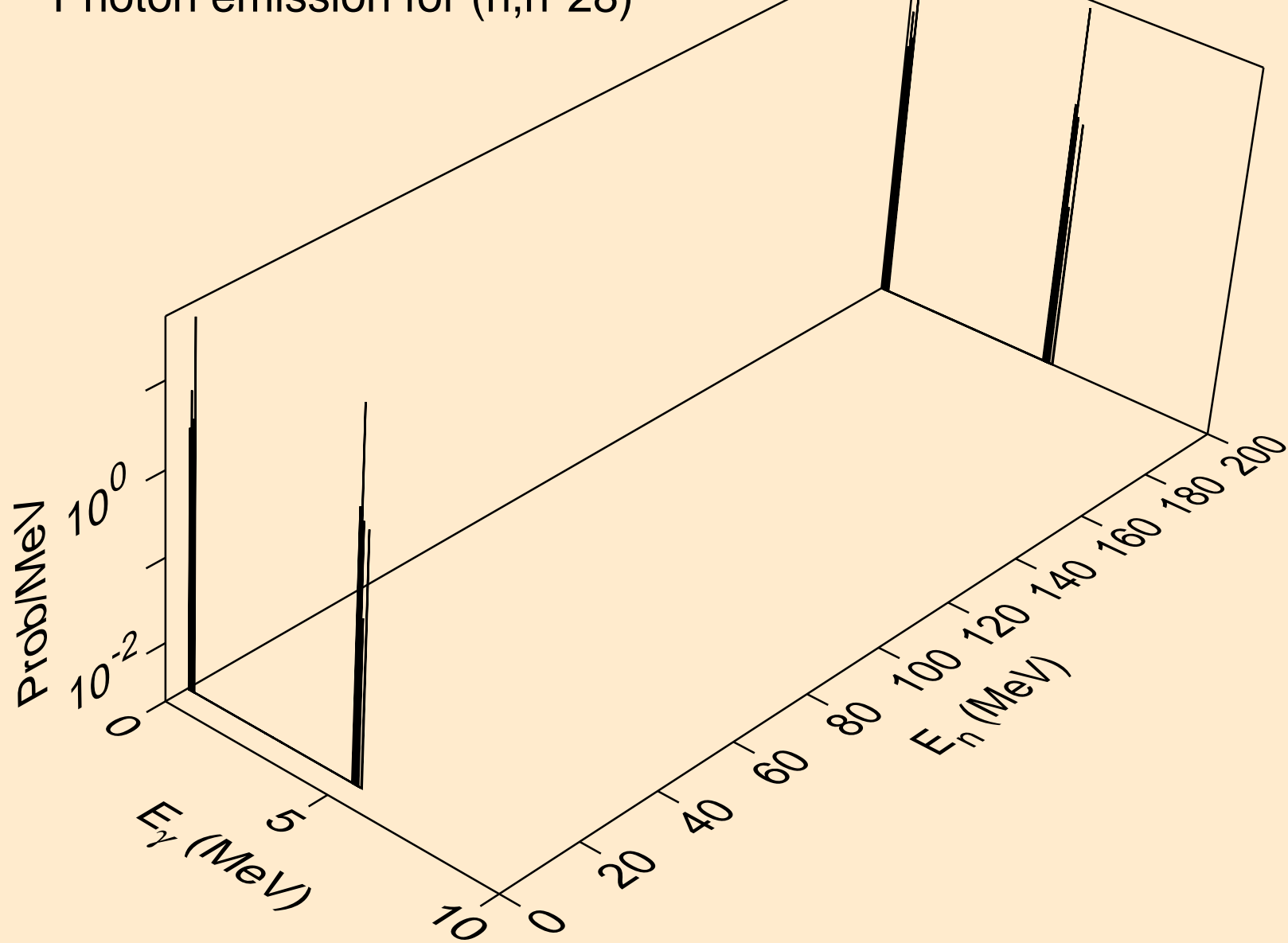
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Photon emission for (n,n\*26)



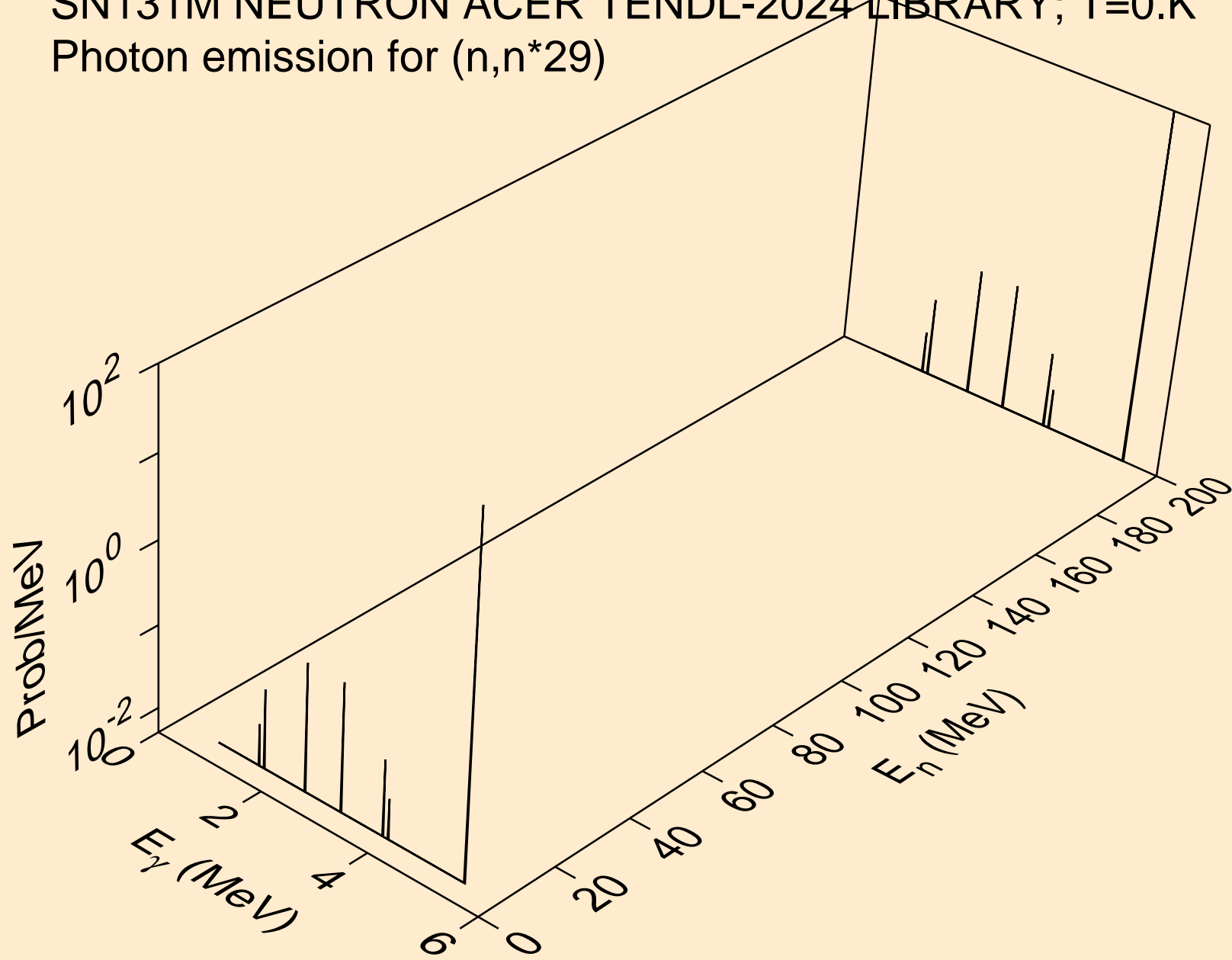
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Photon emission for (n,n\*27)



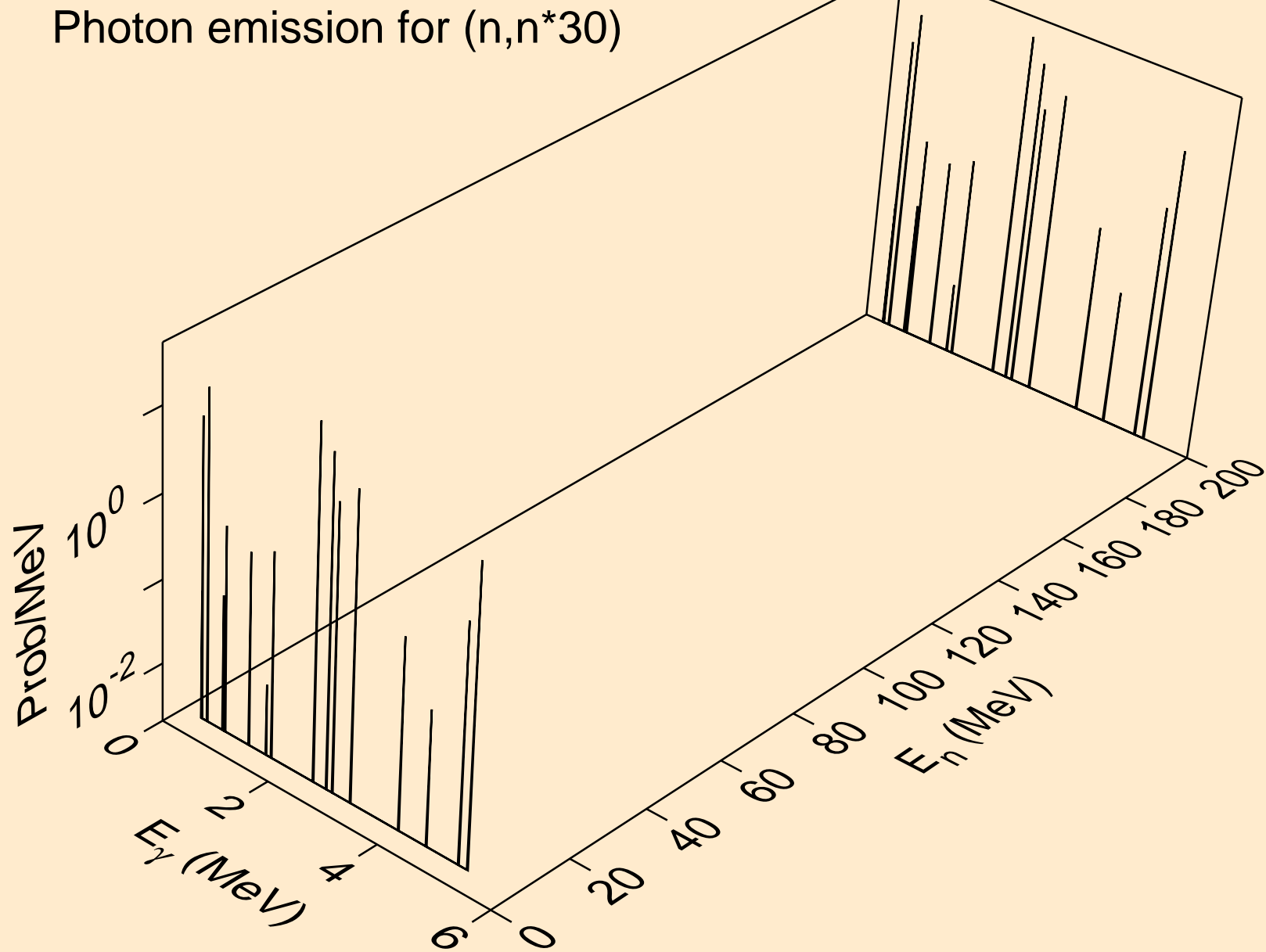
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Photon emission for (n,n\*28)



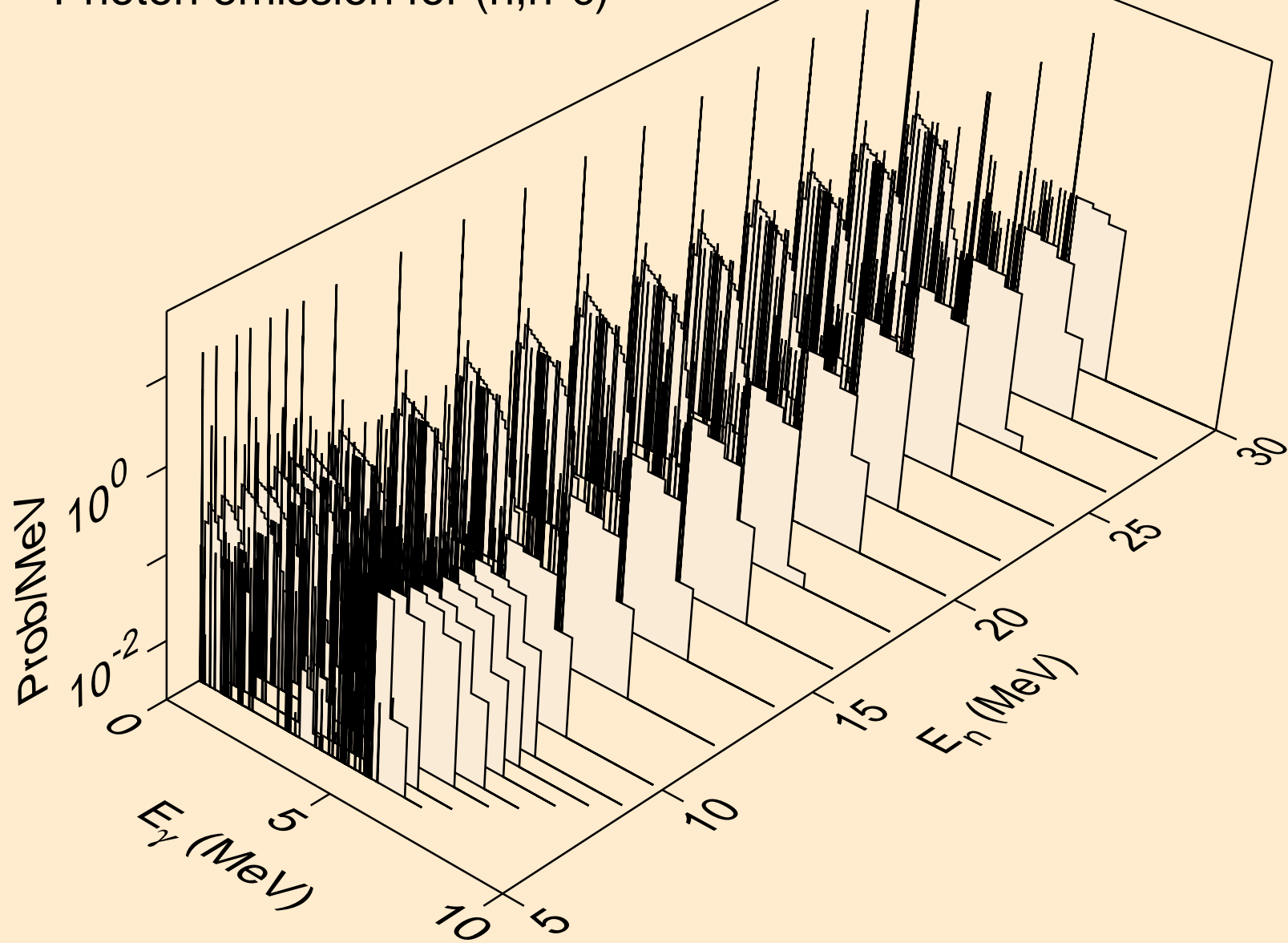
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Photon emission for (n,n\*29)



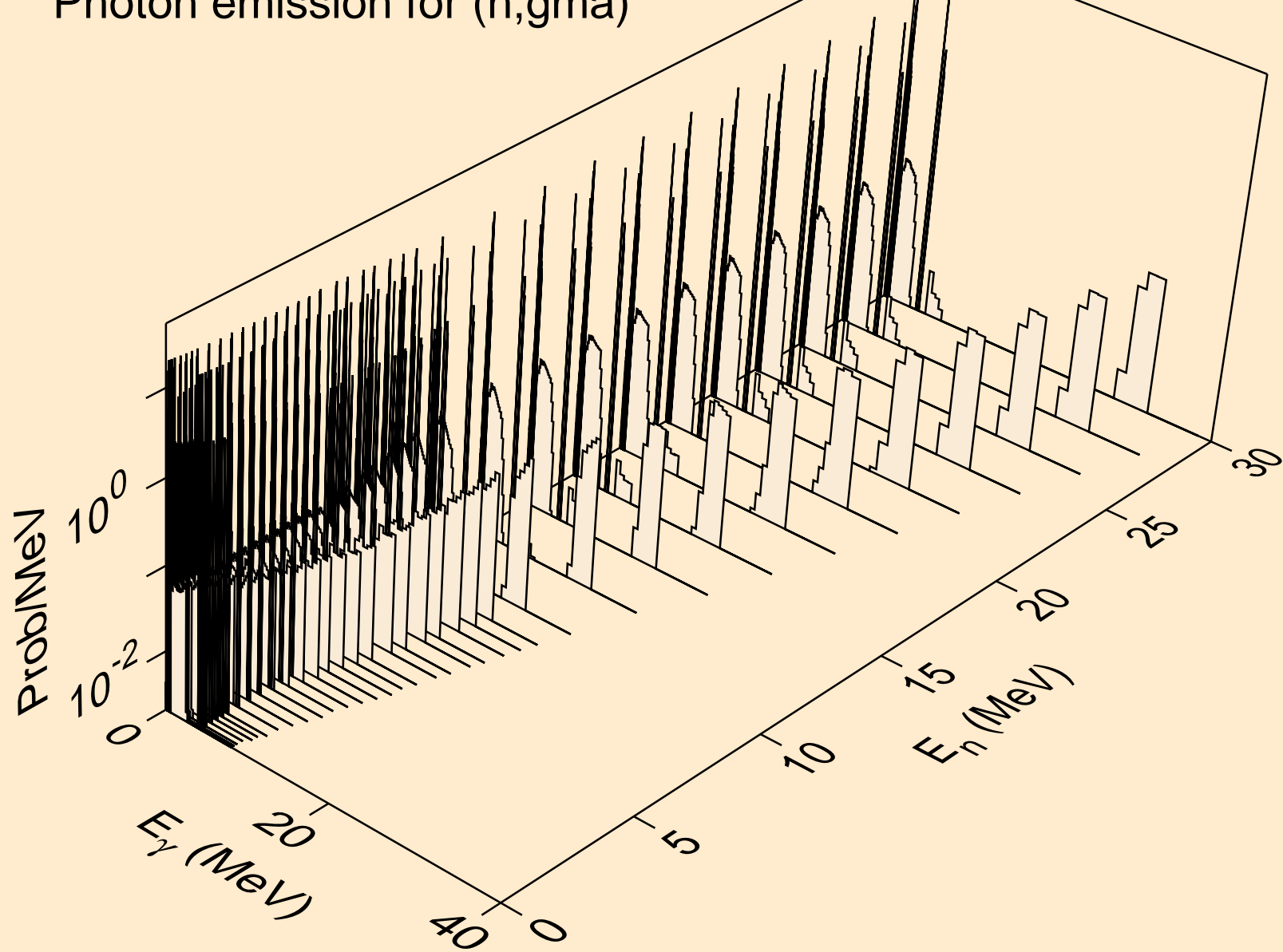
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Photon emission for (n,n\*30)



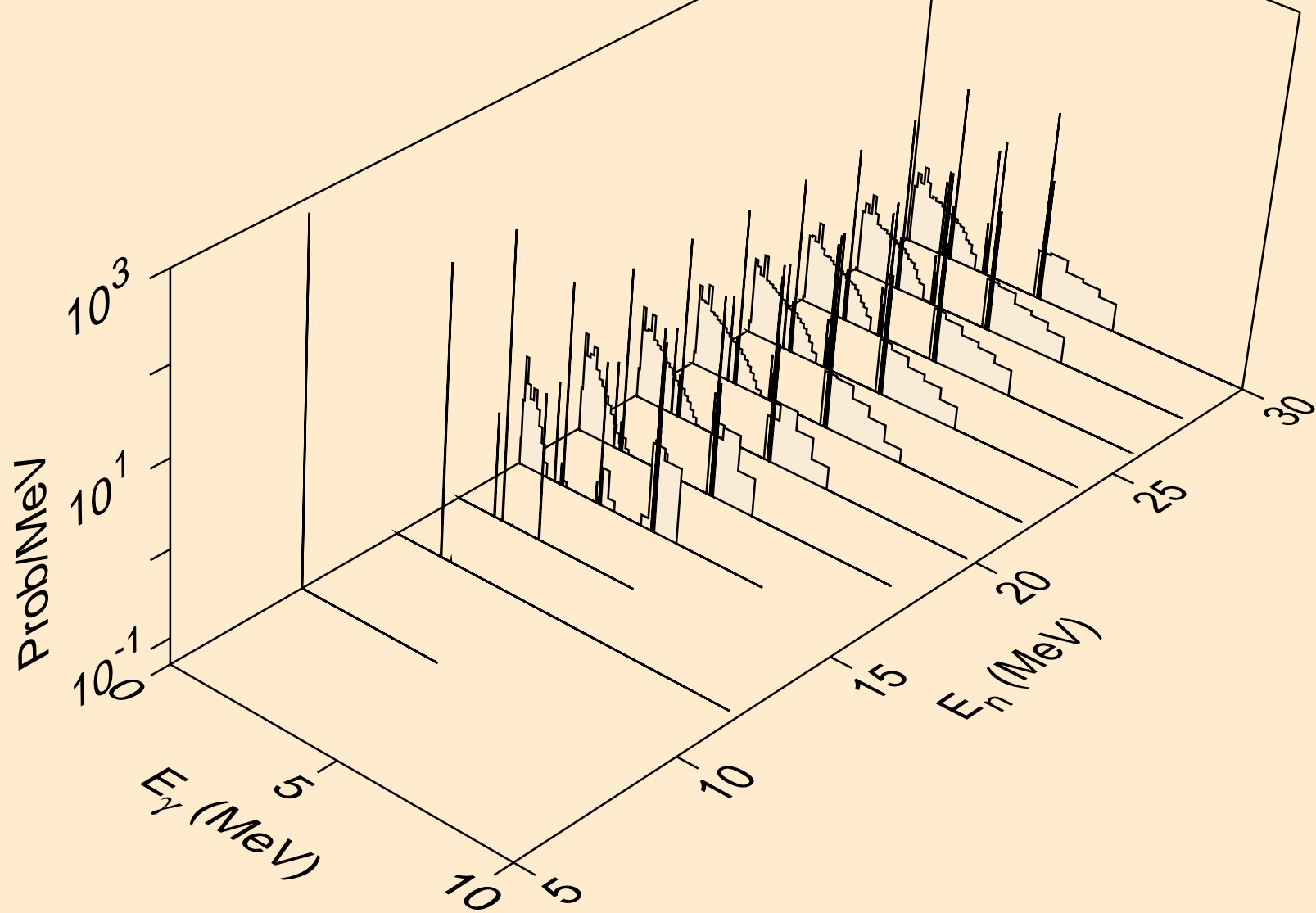
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

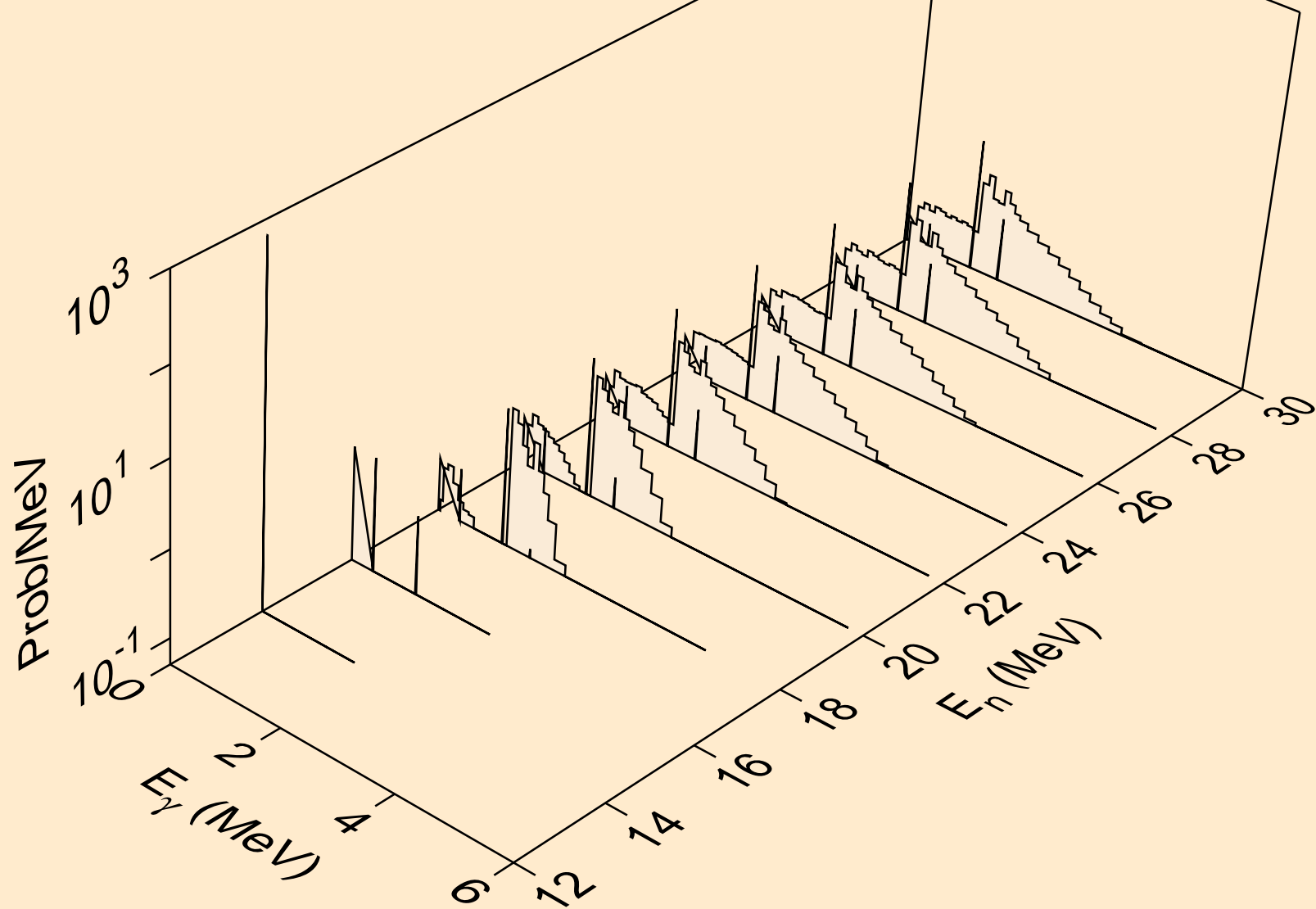


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Photon emission for (n,p)

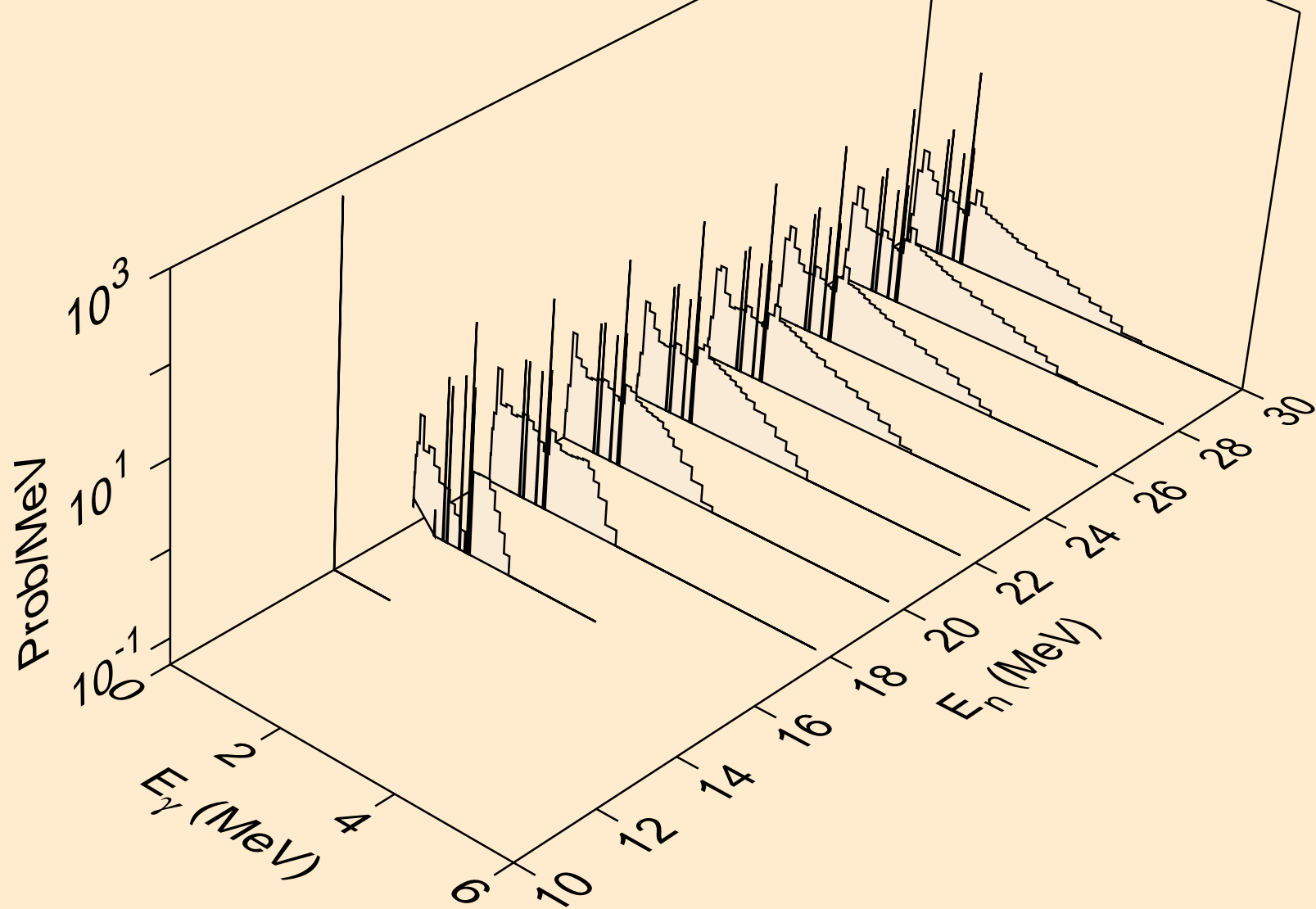




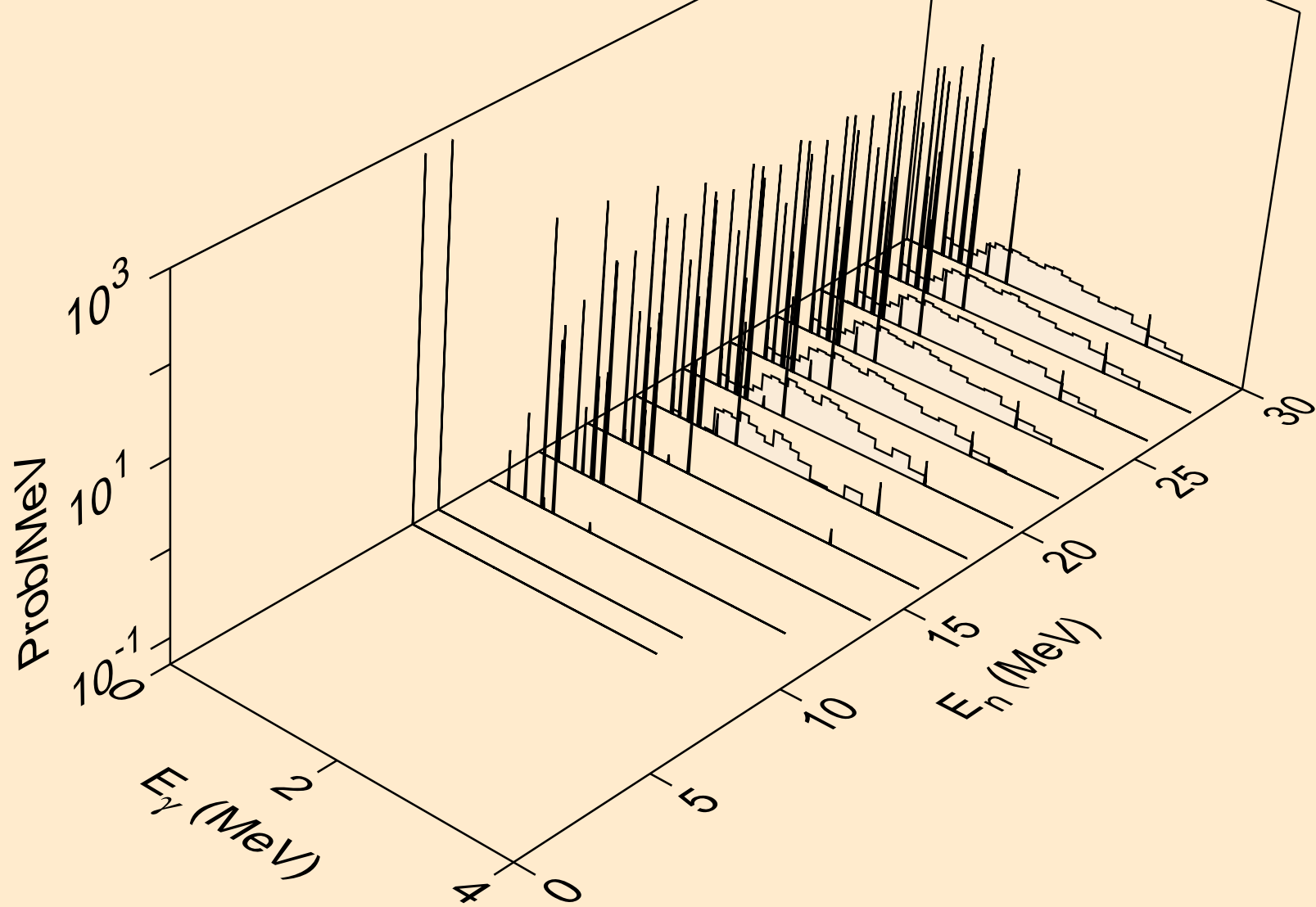
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Photon emission for (n,d)



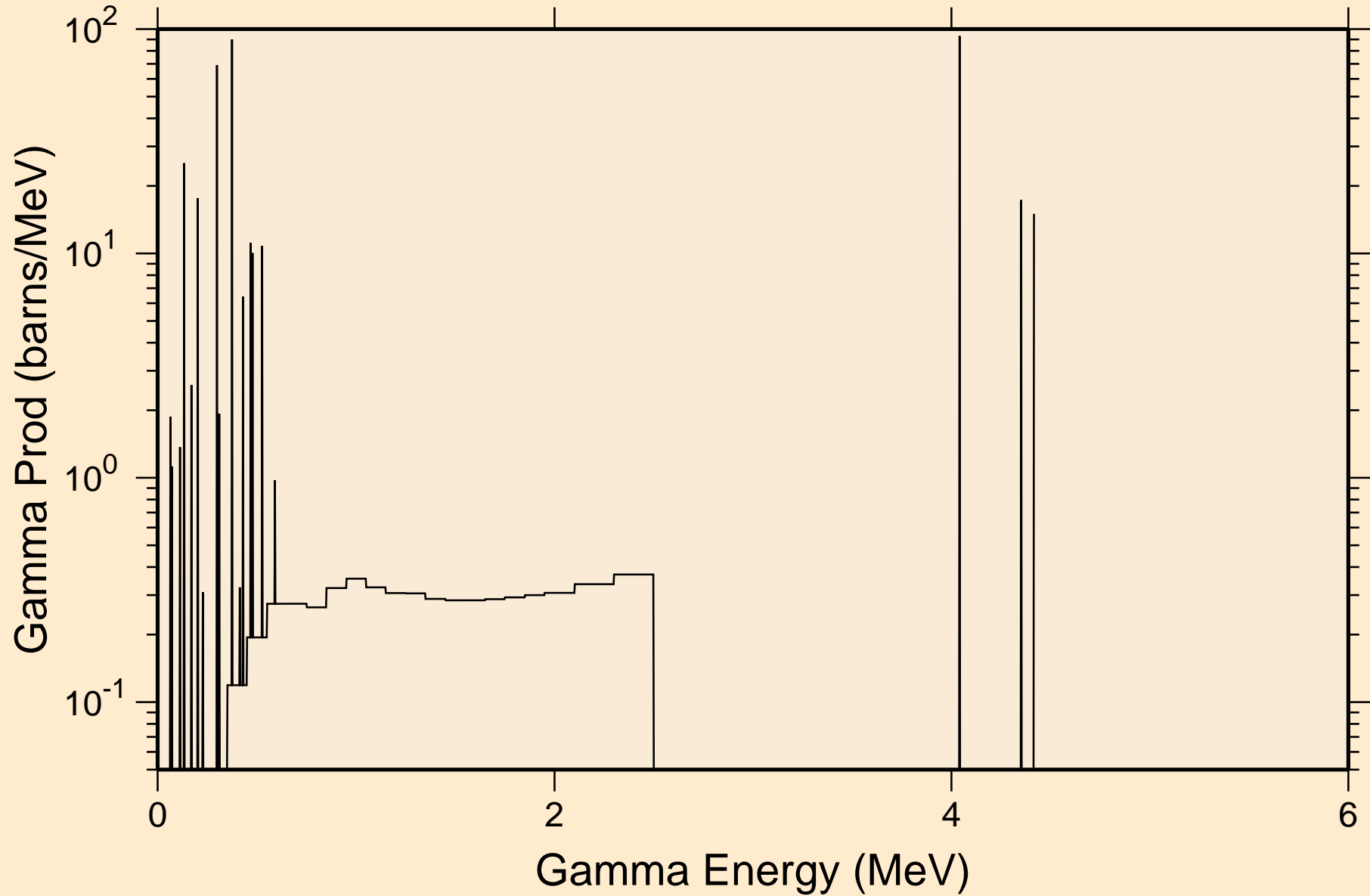
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Photon emission for (n,t)



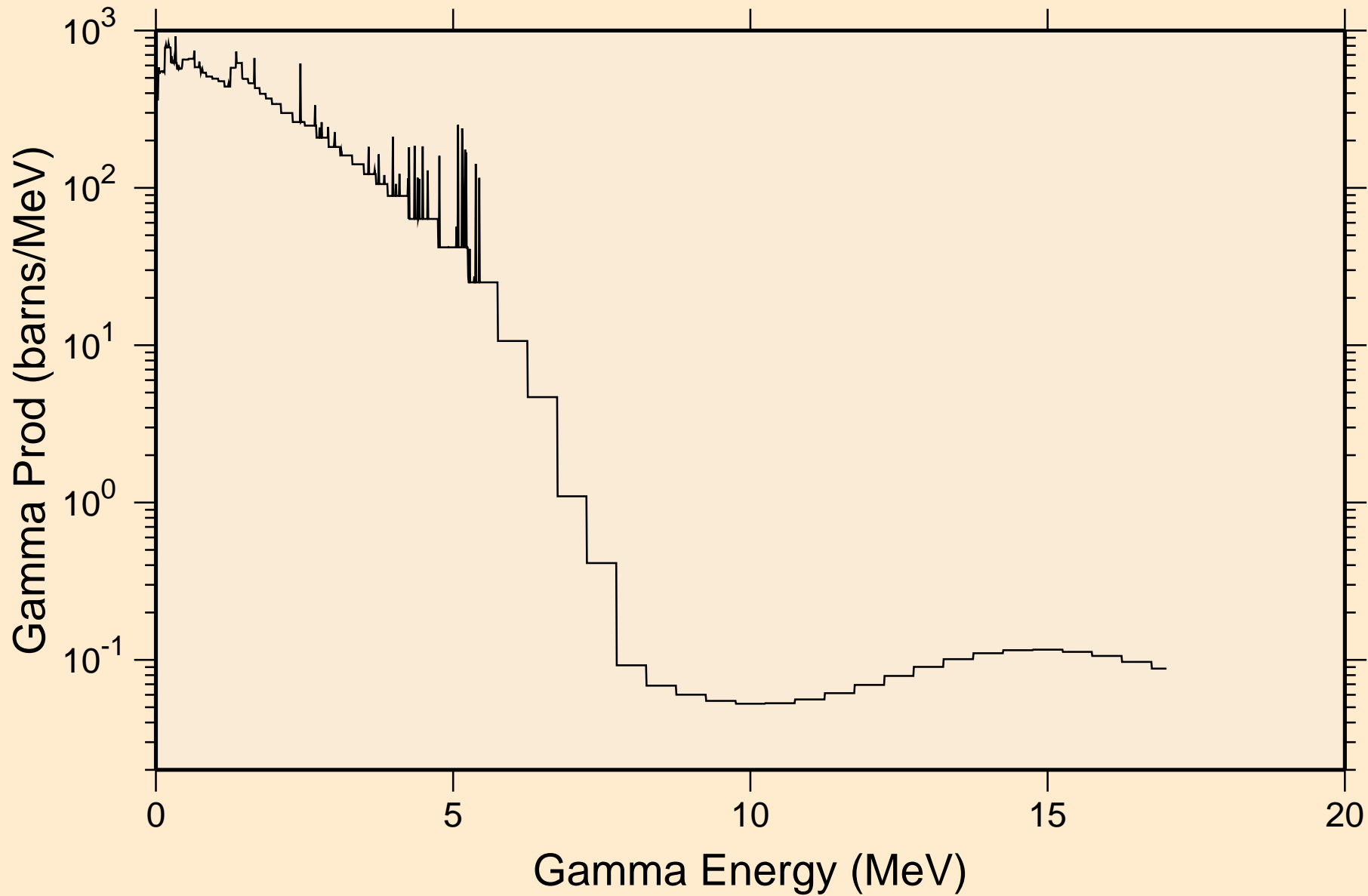
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

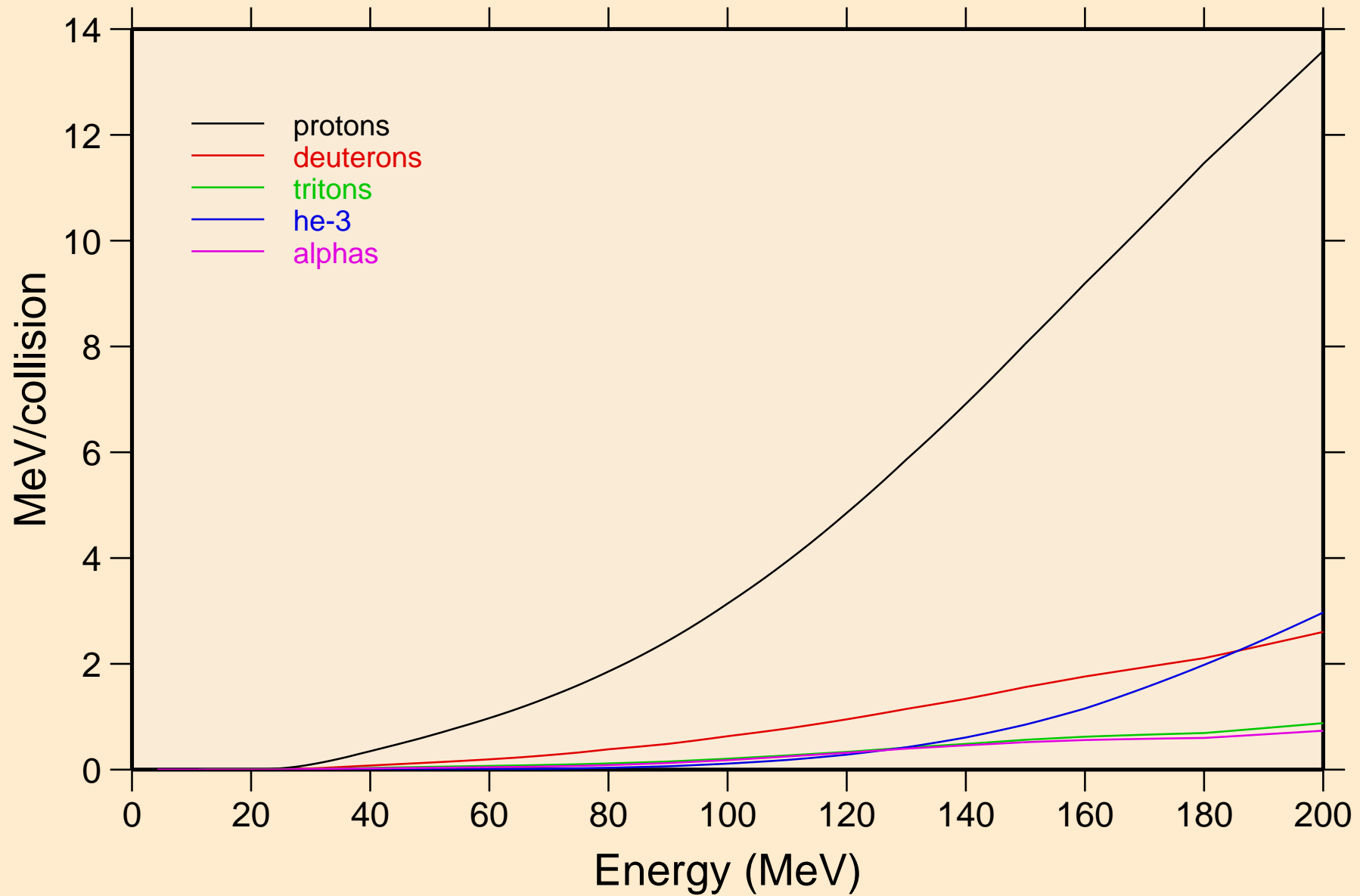


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14 MeV photon spectrum



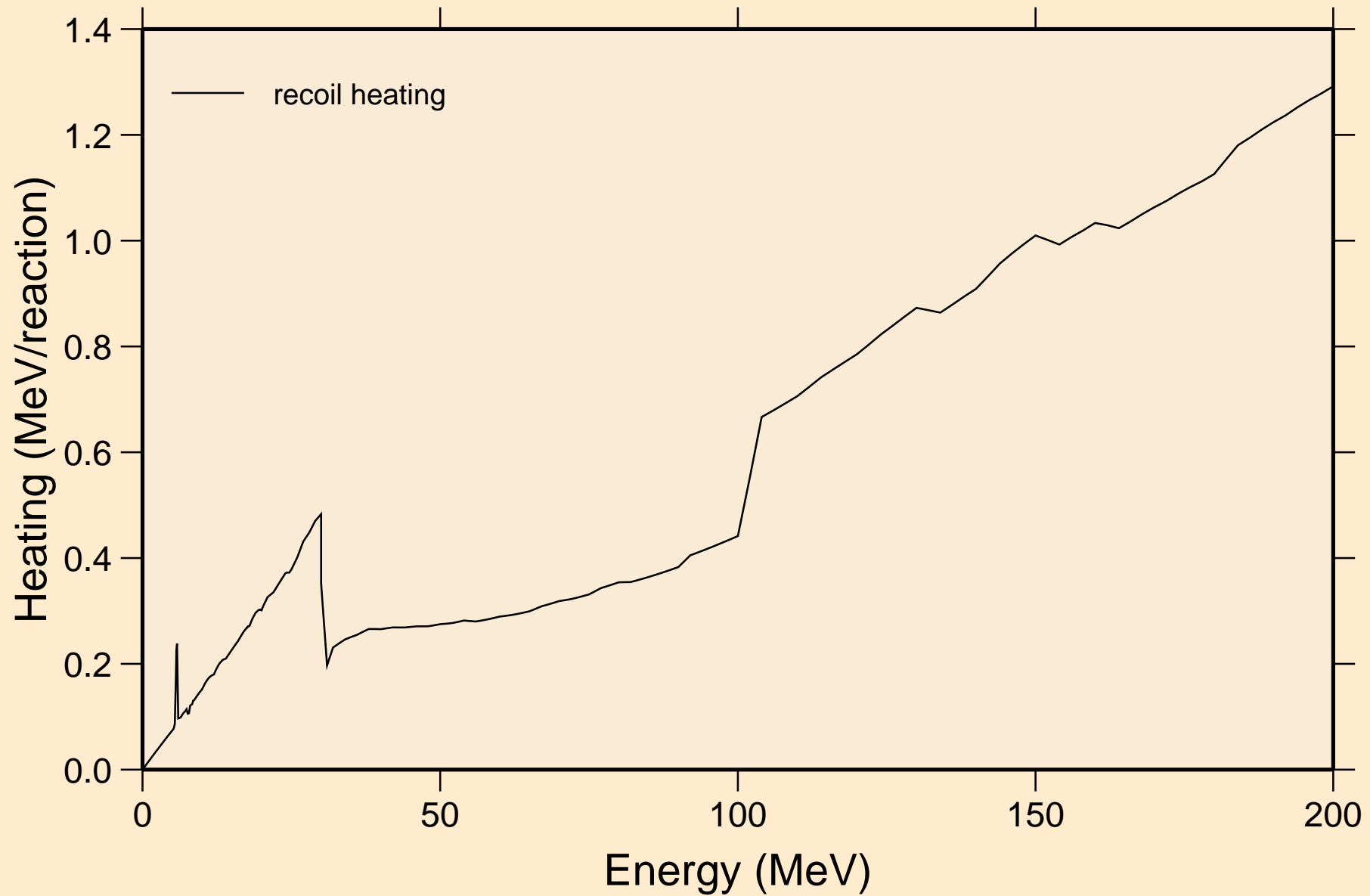
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



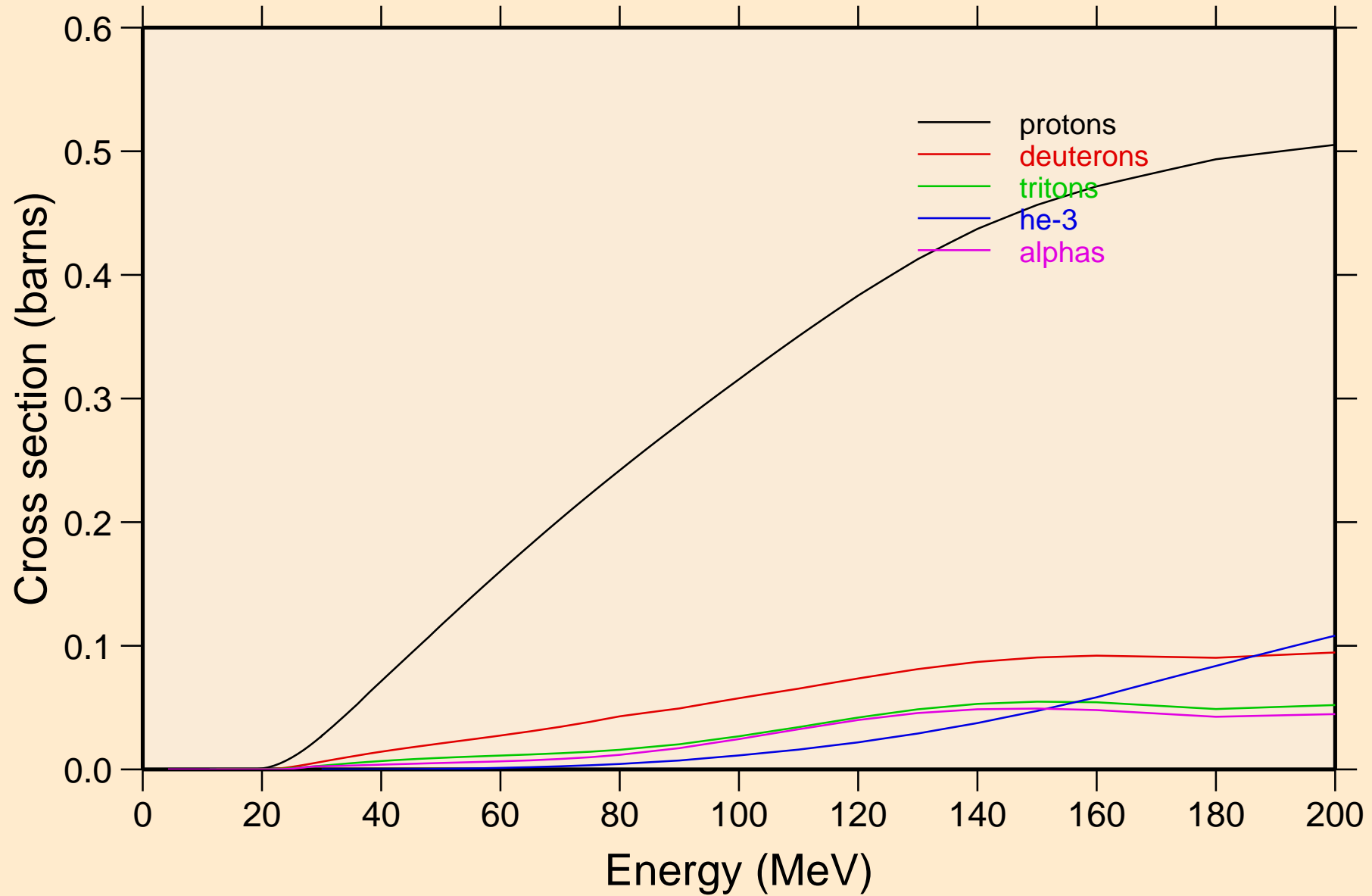
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Recoil Heating



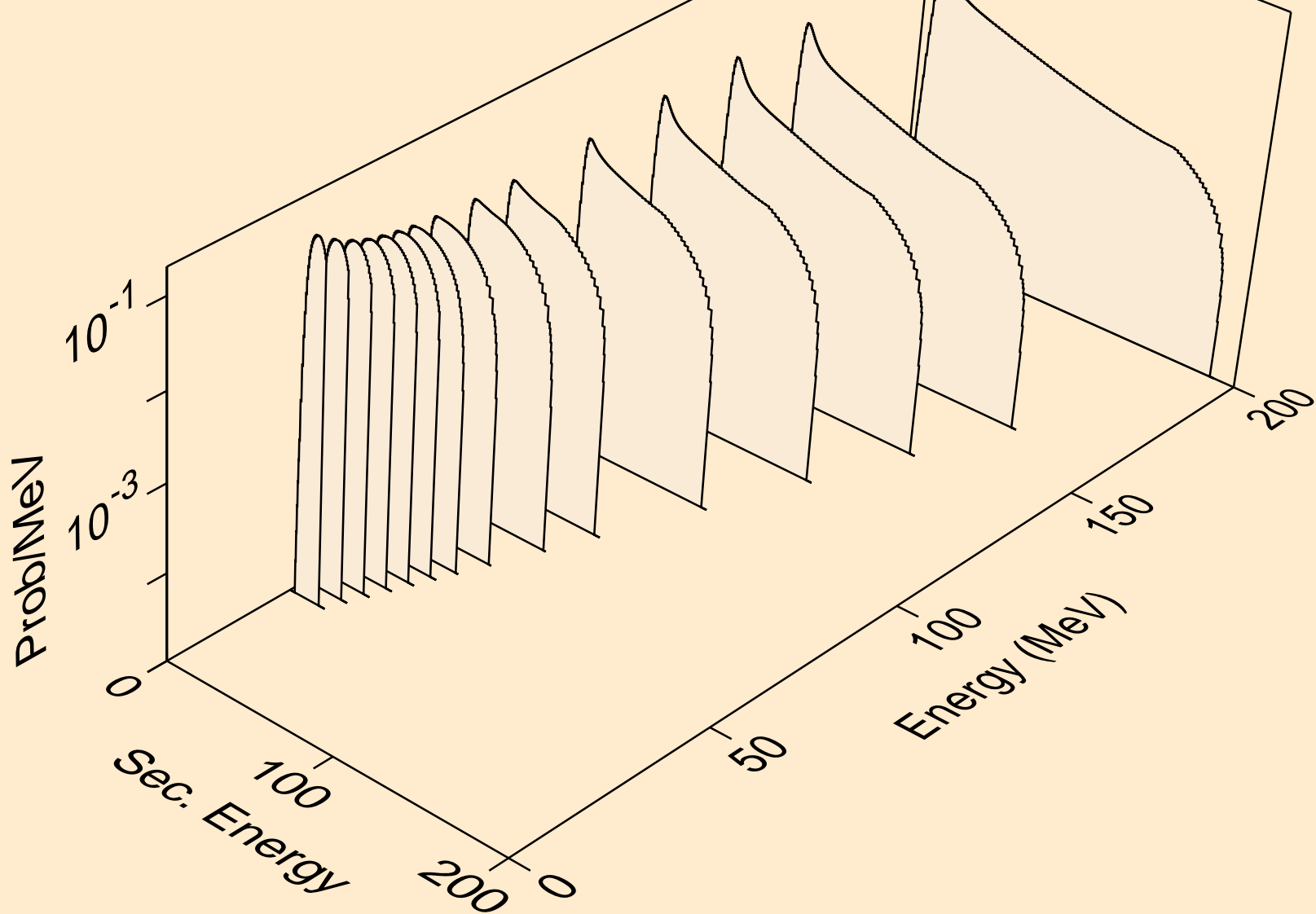
# SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

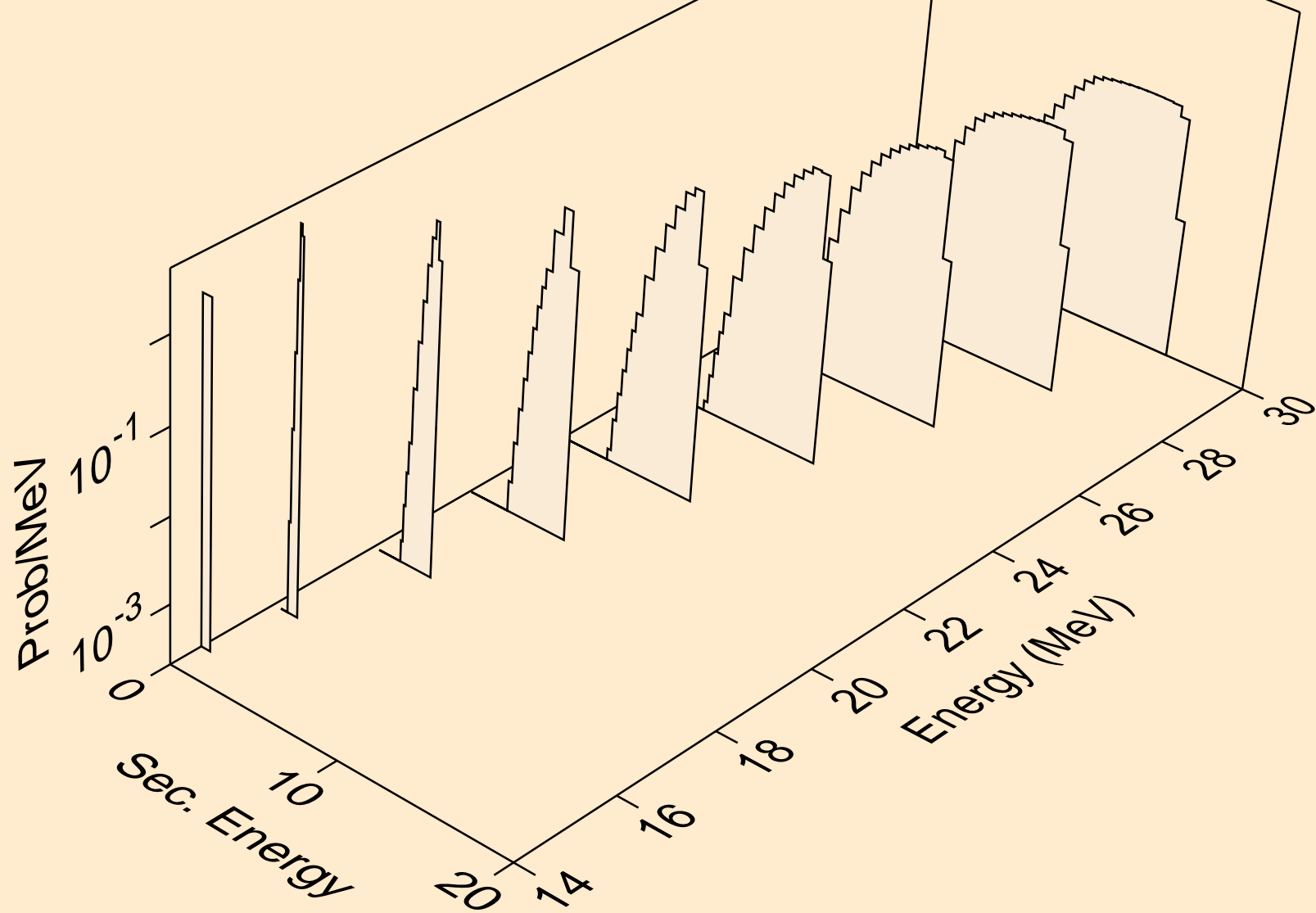




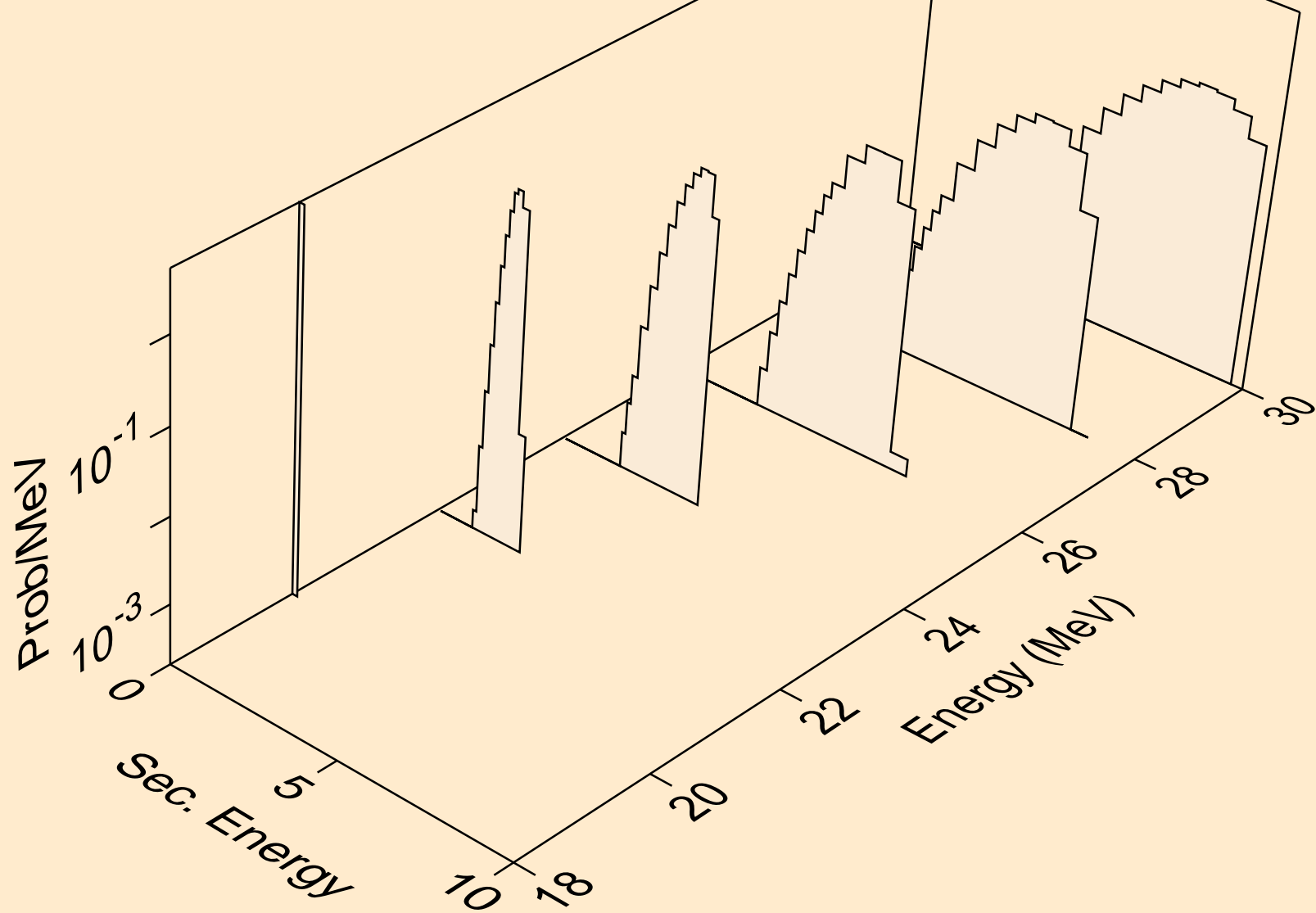
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



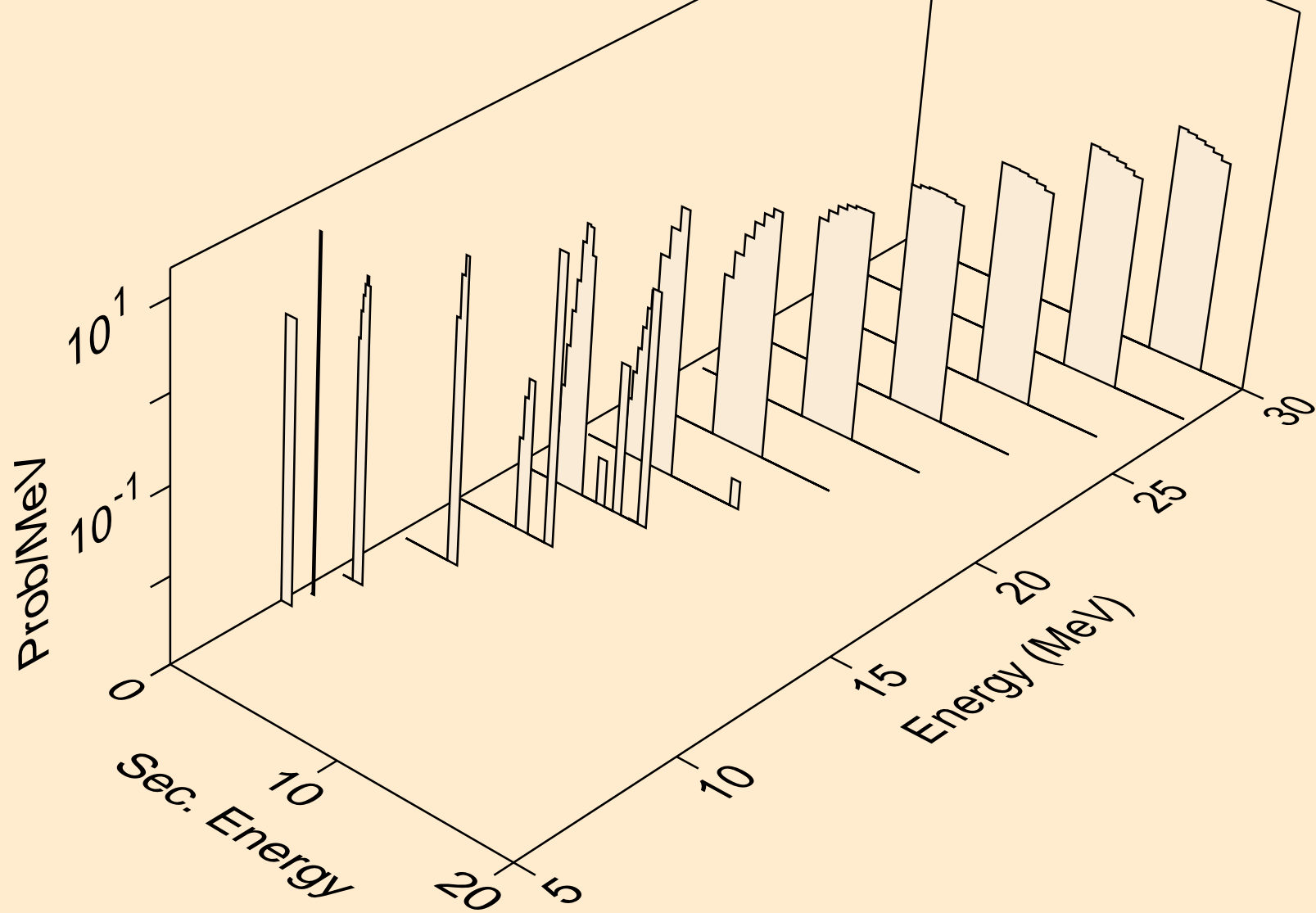
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protons from (n,n\*)p



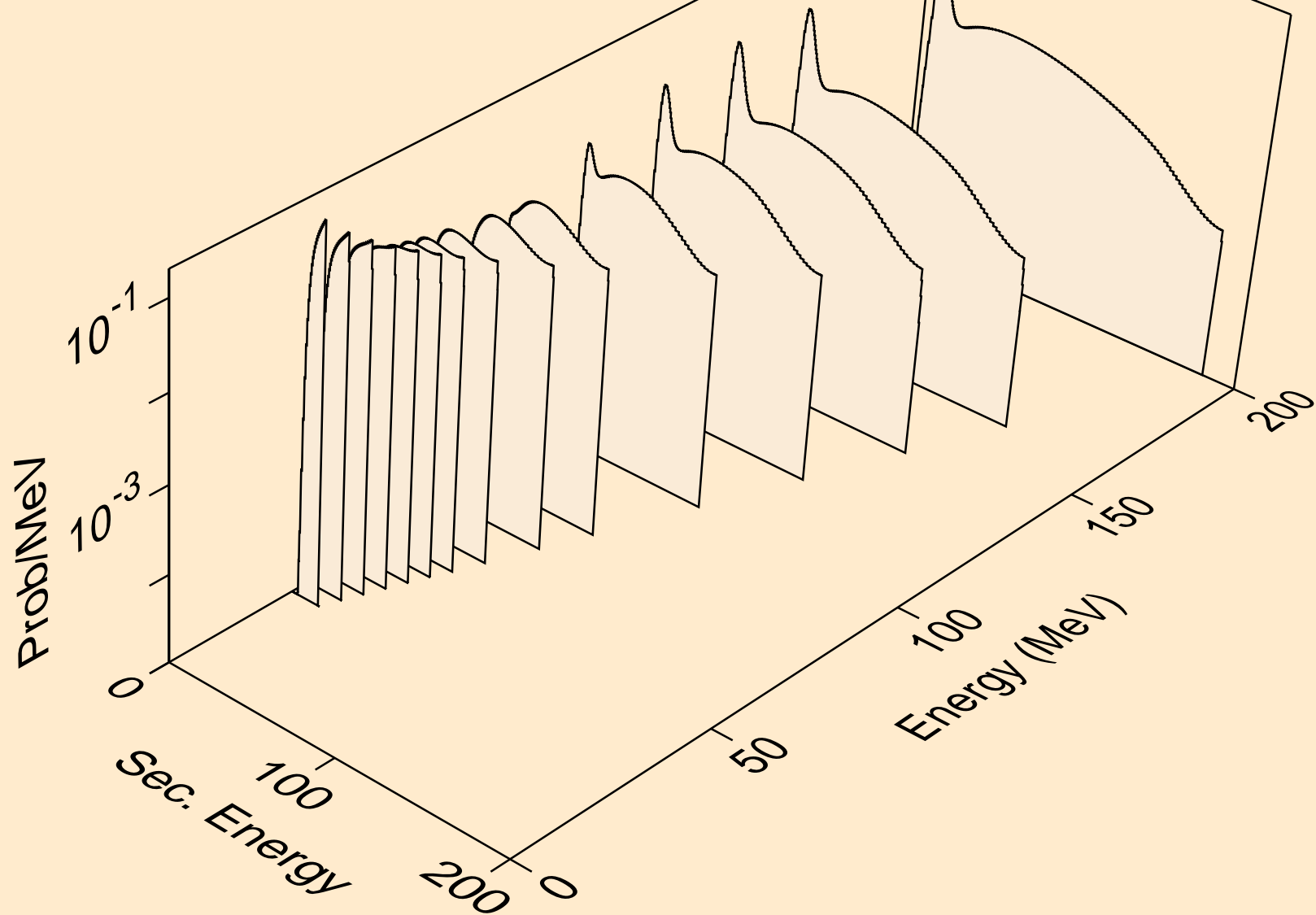
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protons from (n,2np)



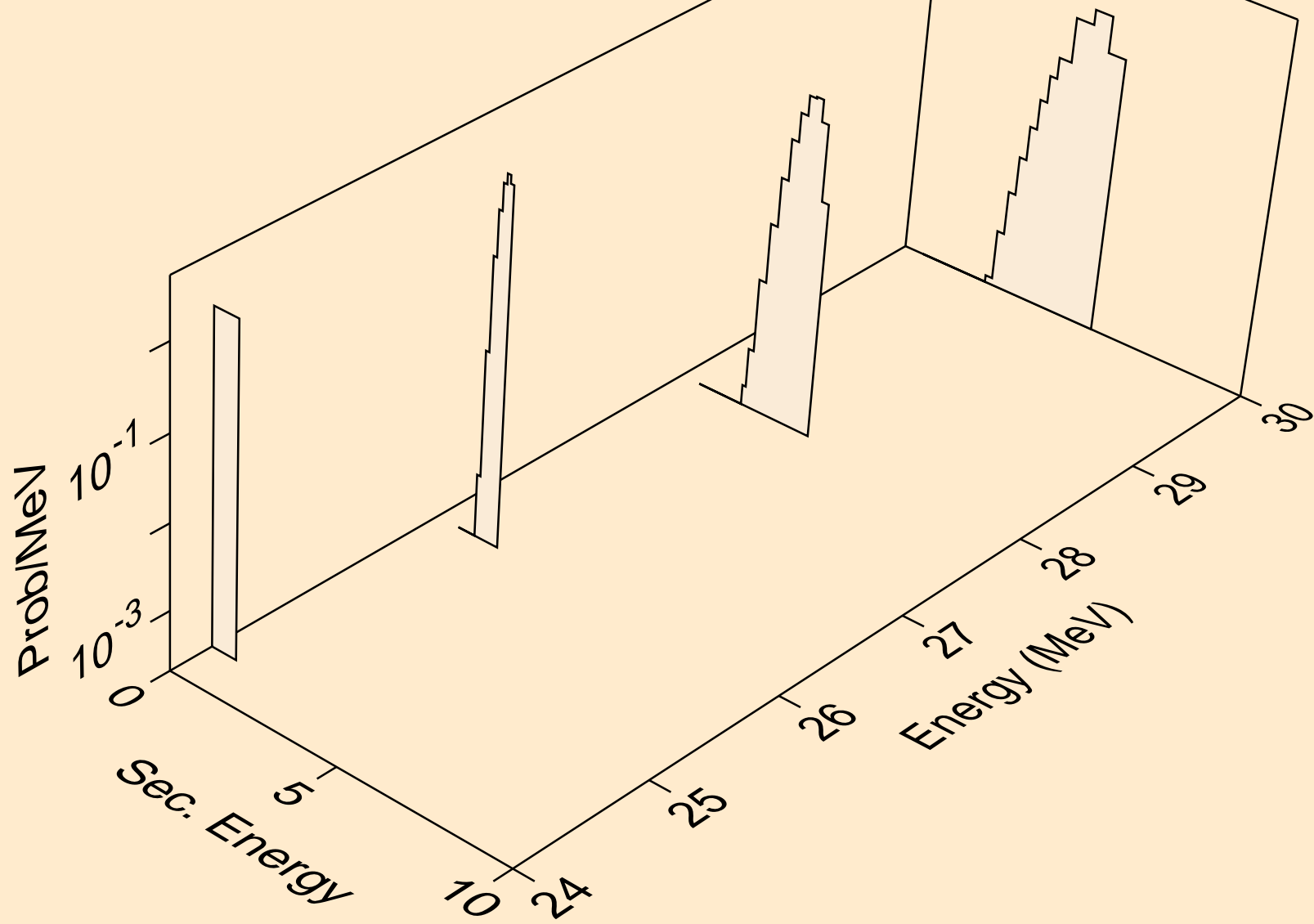
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protons from (n,p)



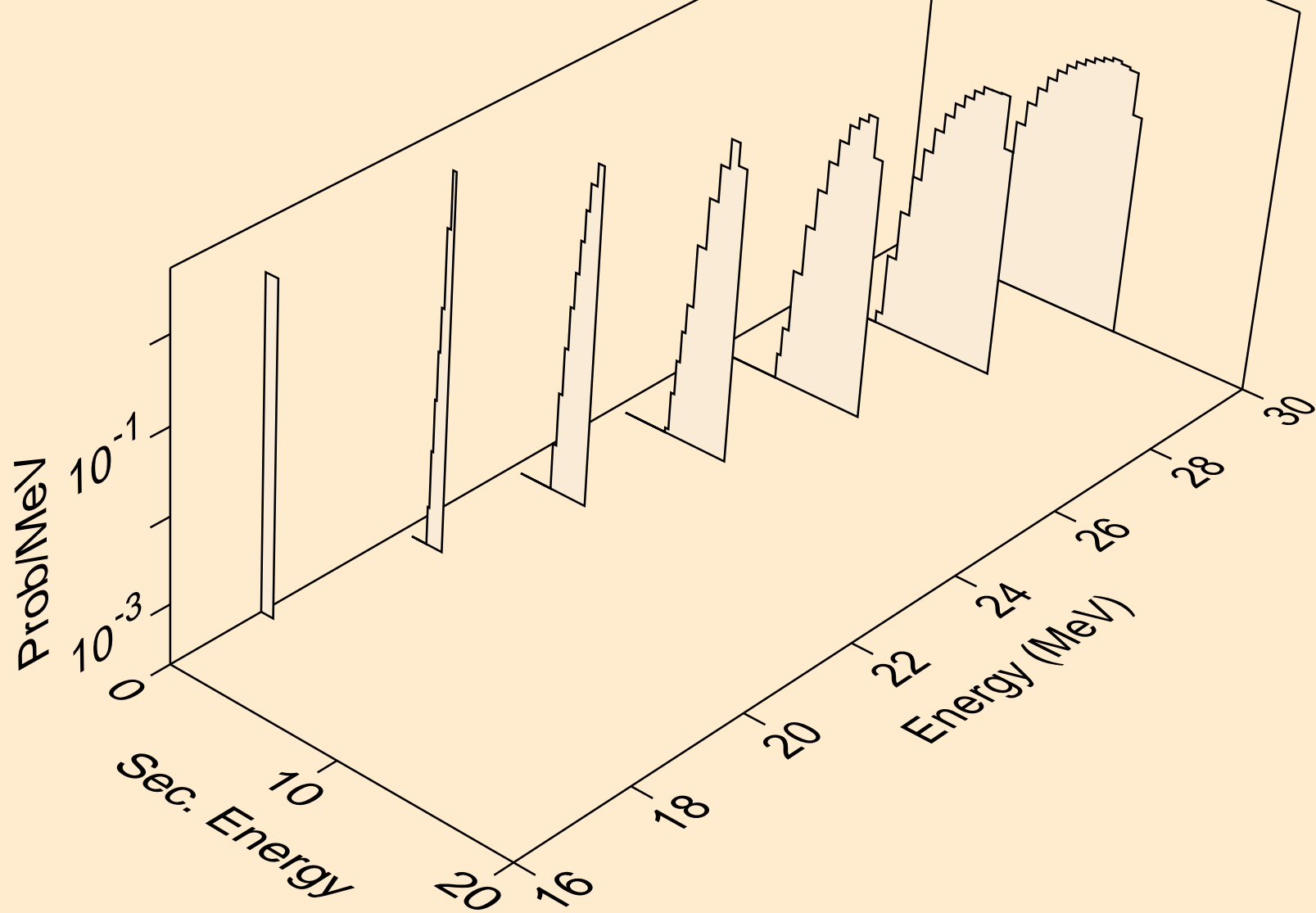
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deuterons from (n,x)



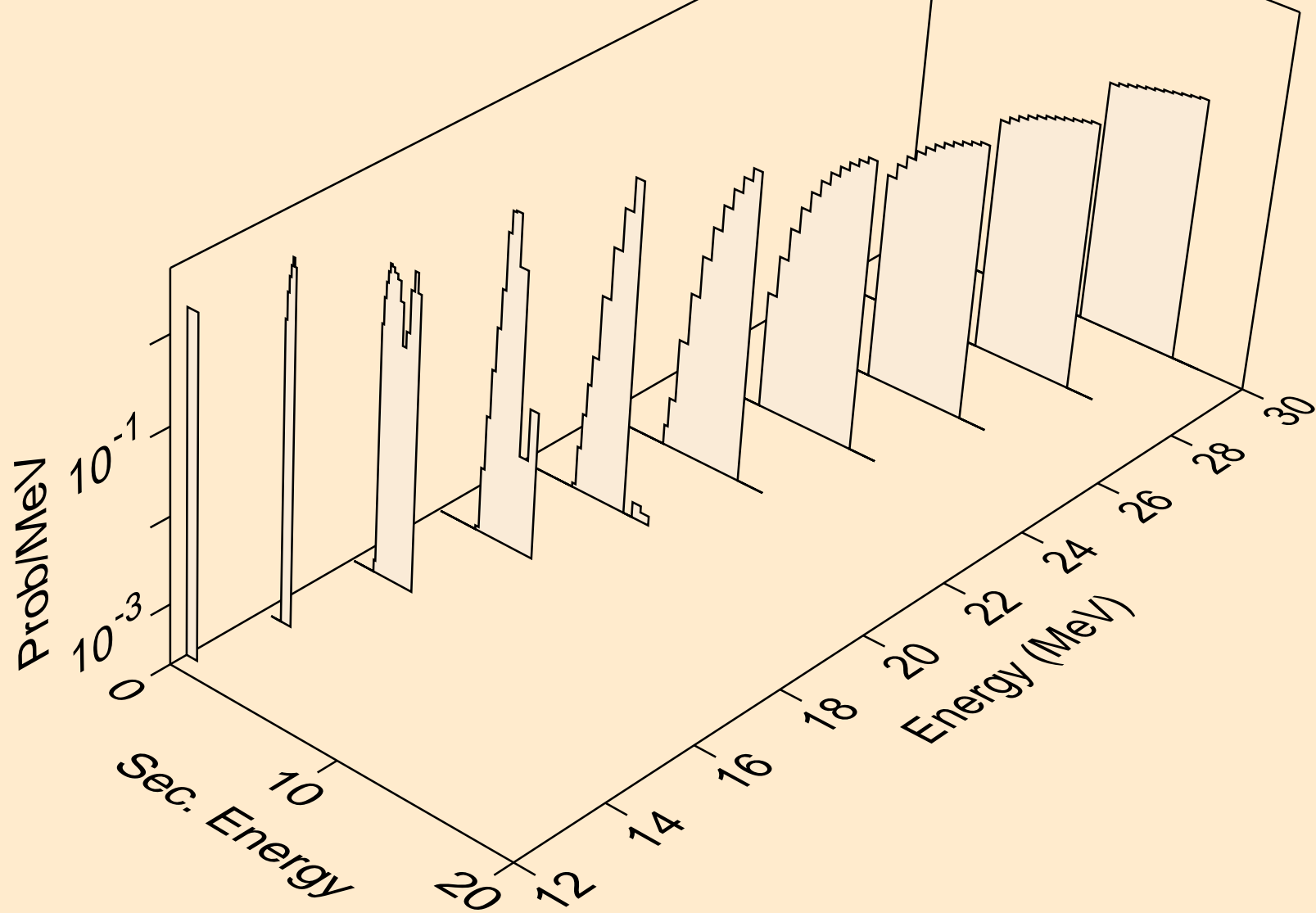
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deuterons from (n,2nd)



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

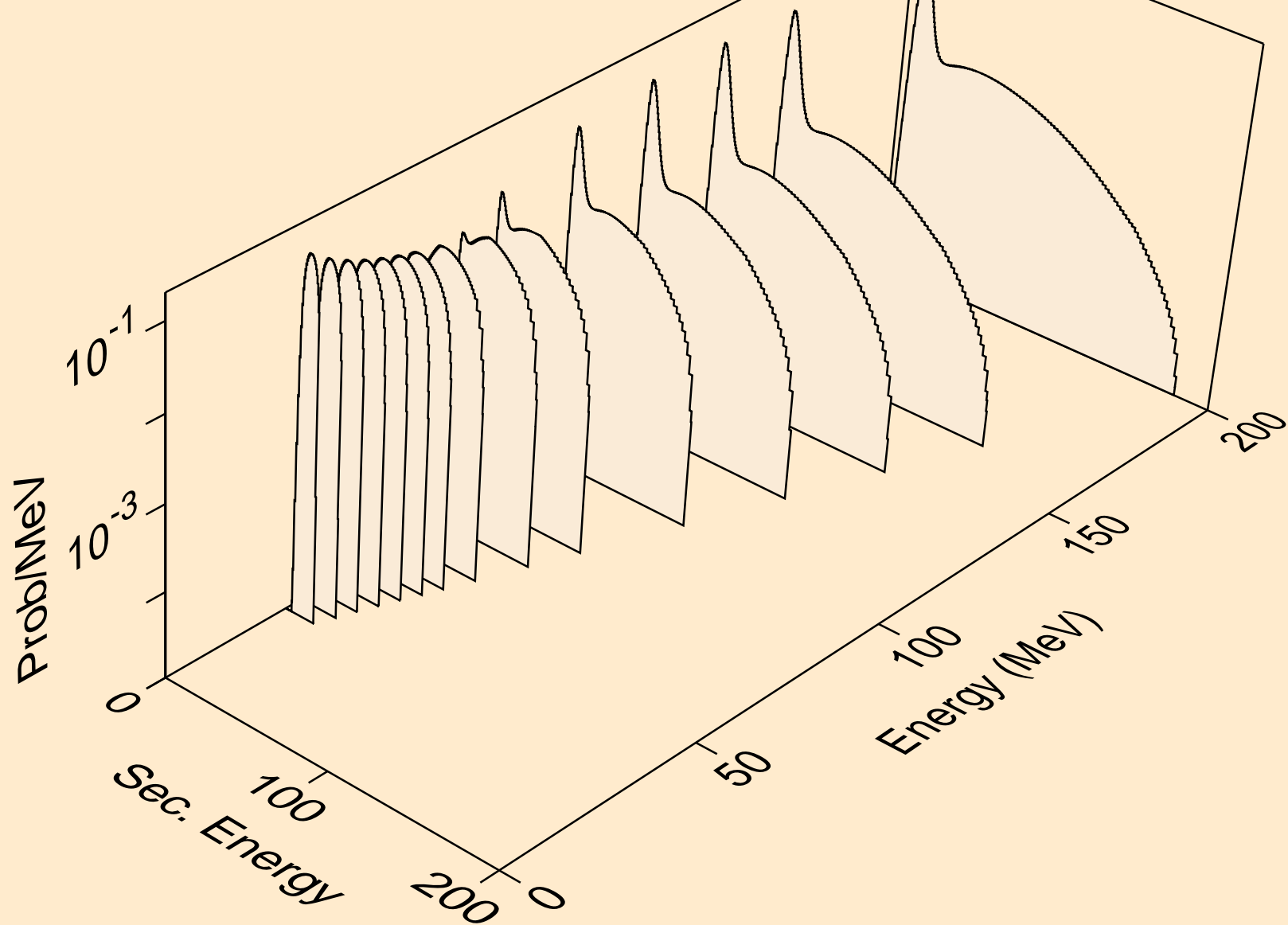


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deuterons from (n,d)

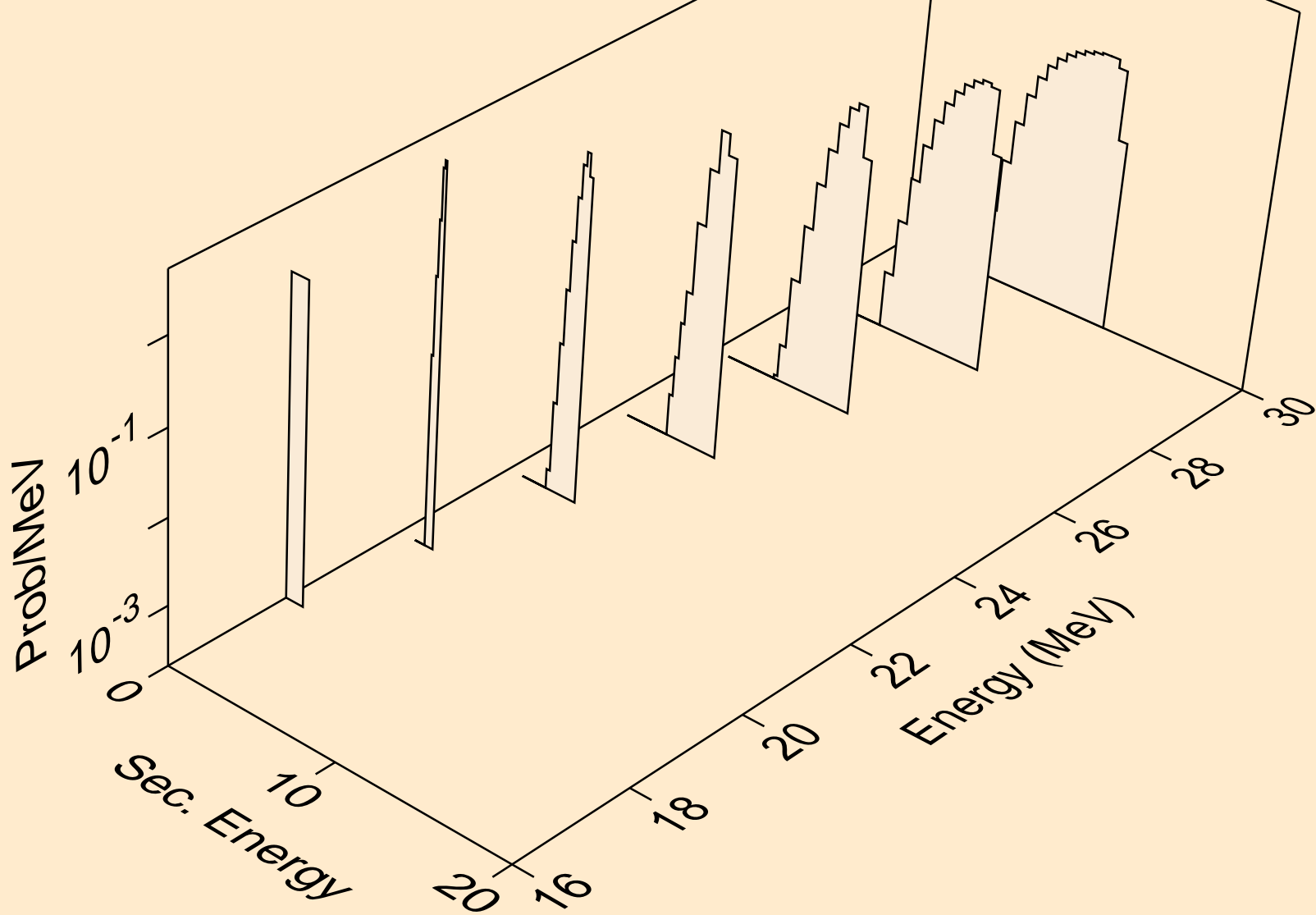




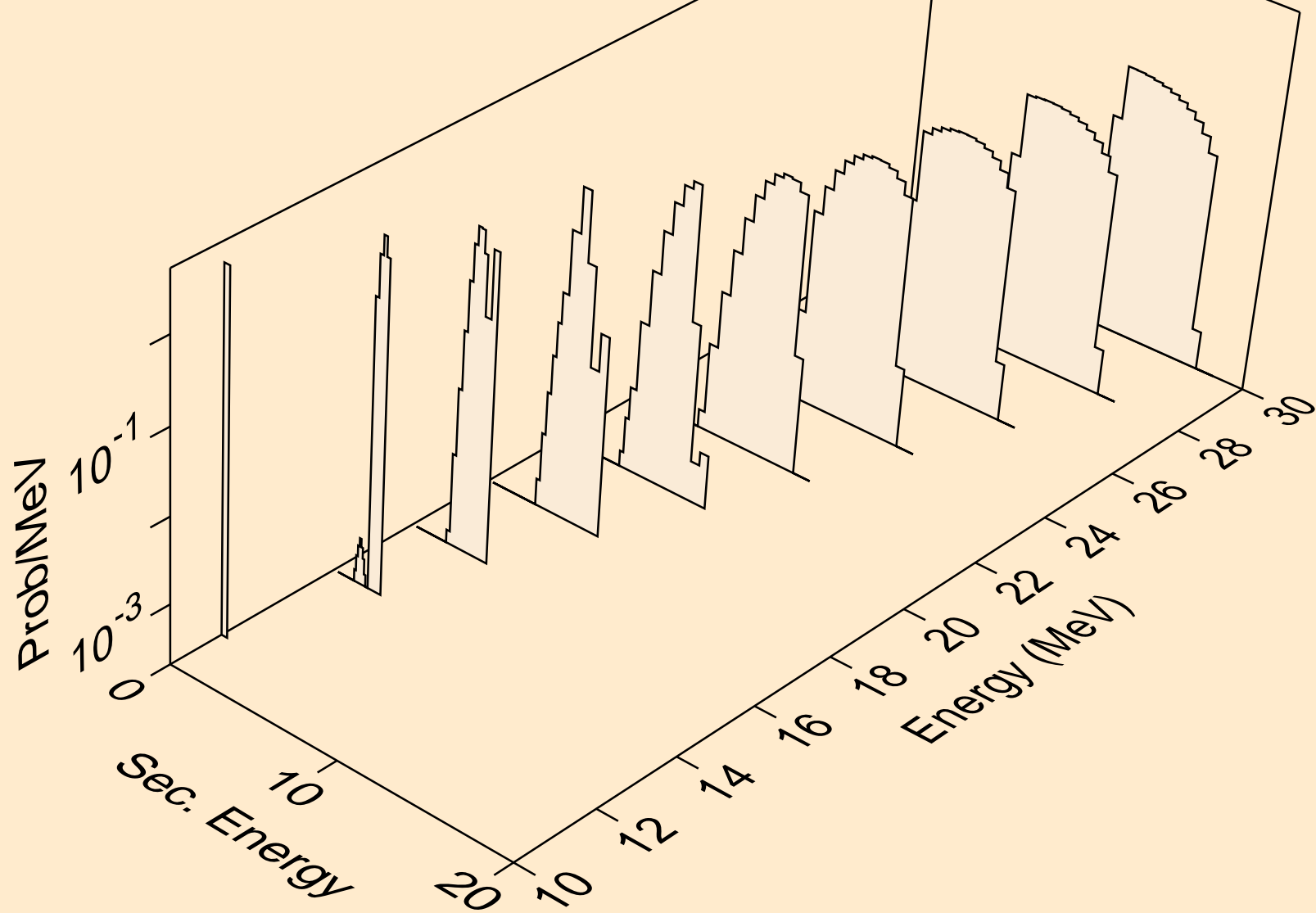
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tritons from (n,x)



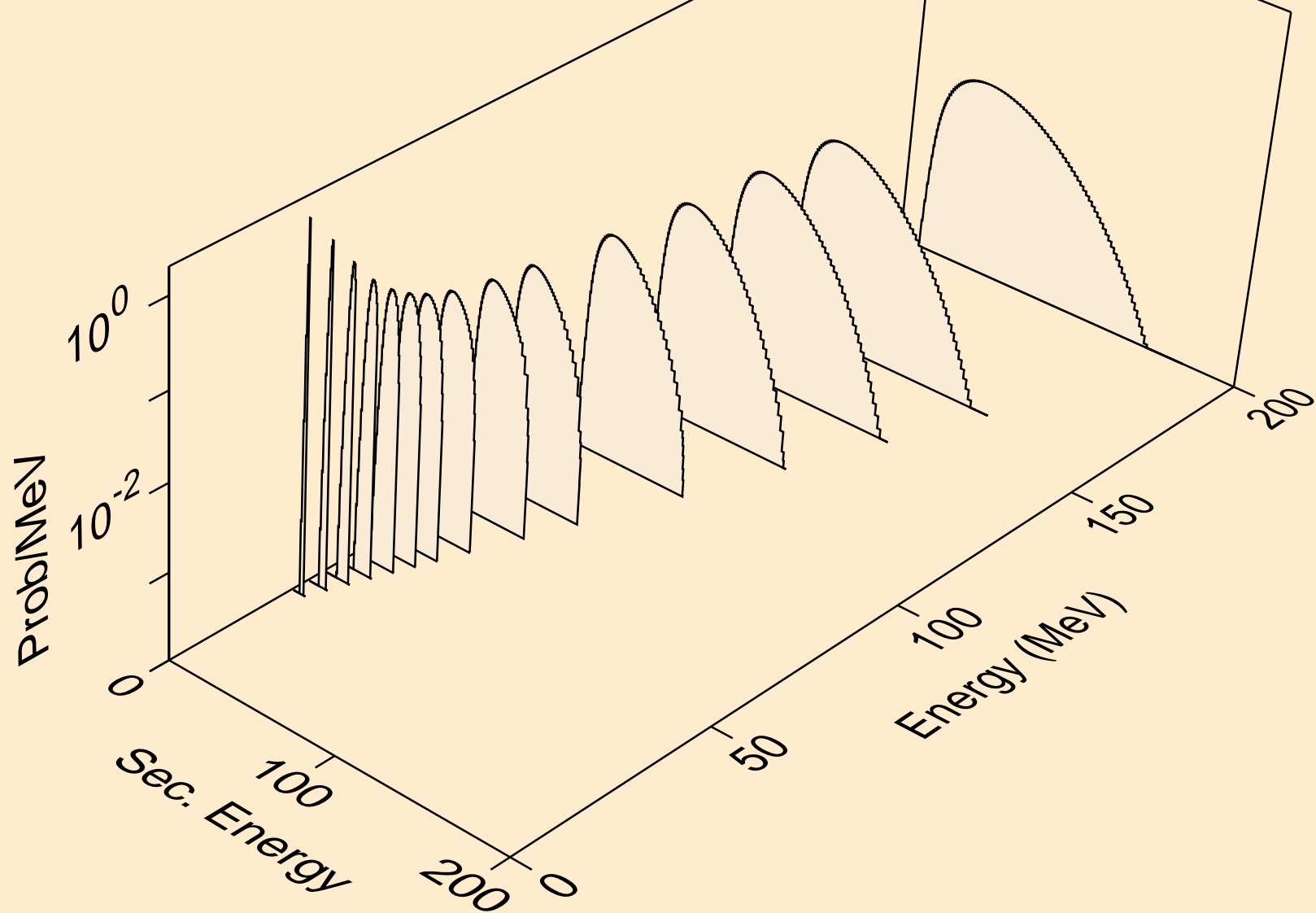
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tritons from (n,n\*)t



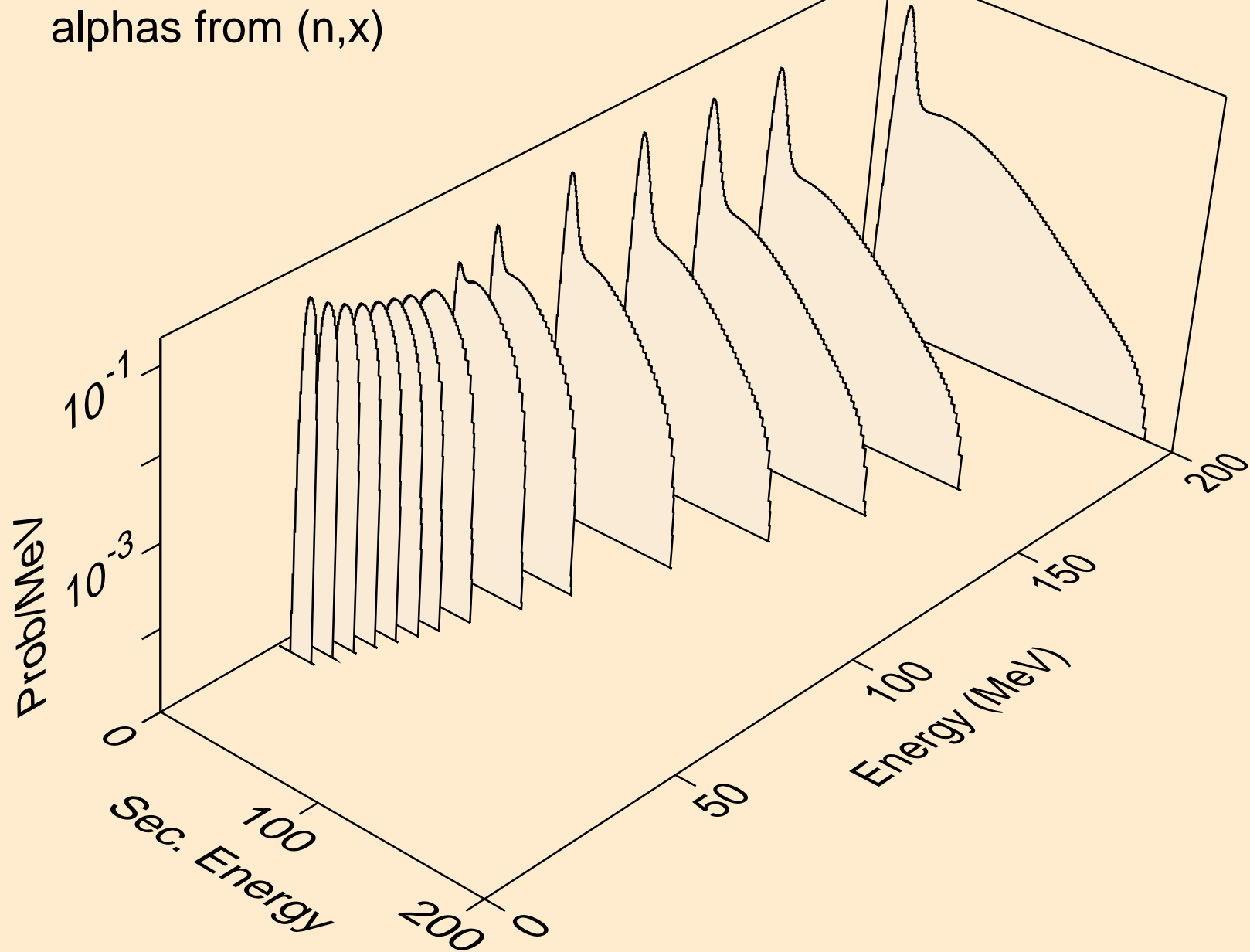
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tritons from (n,t)



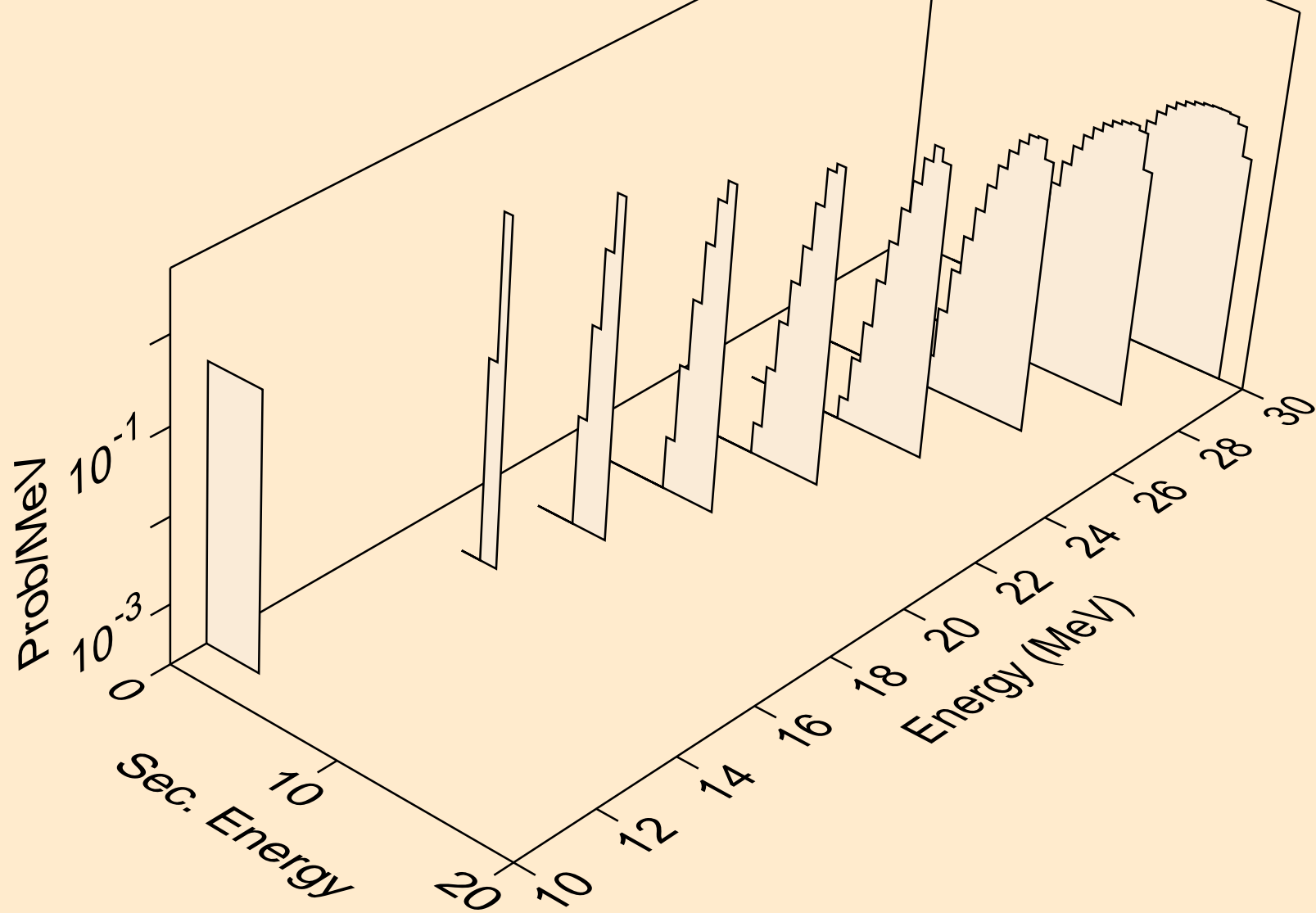
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



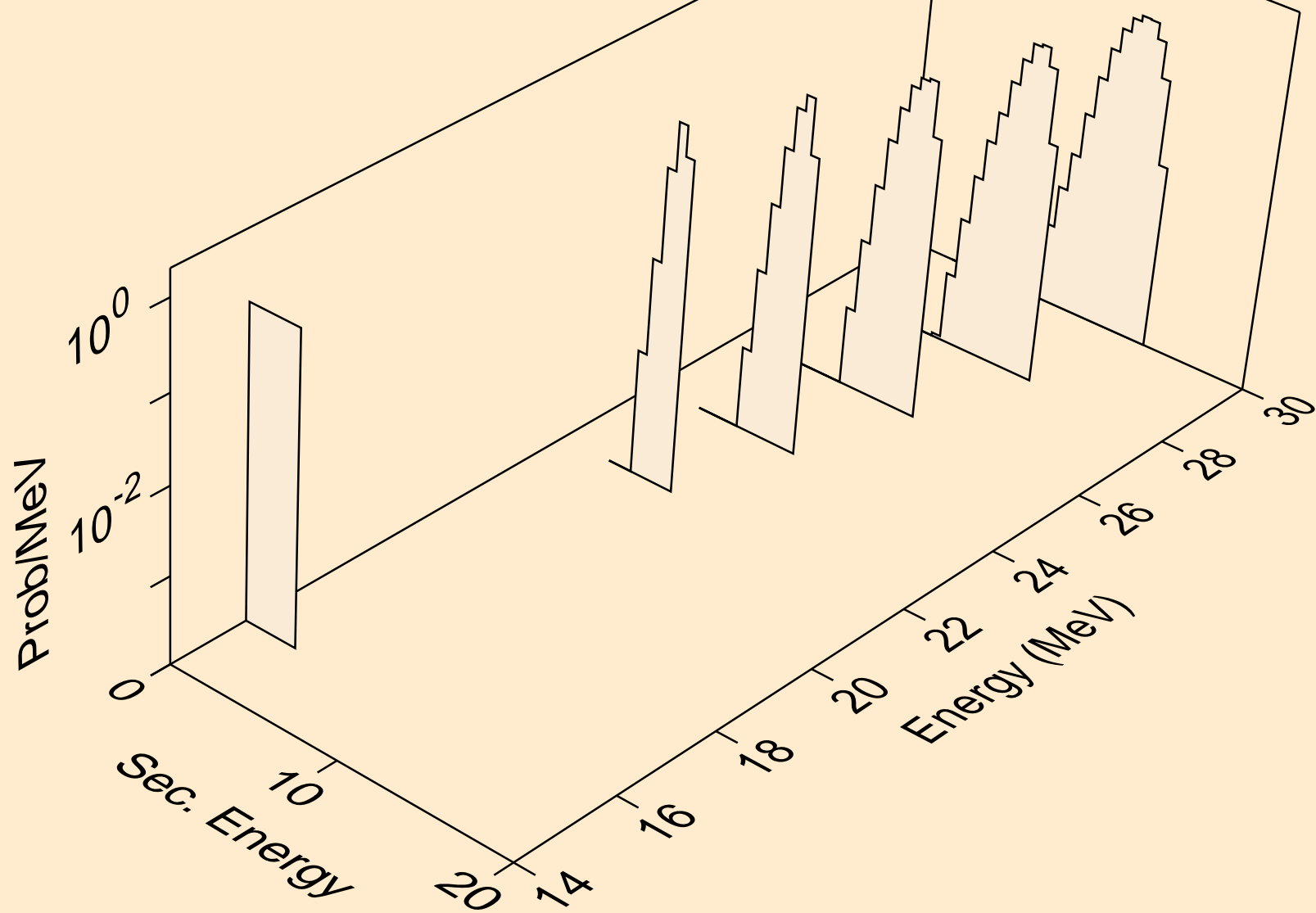
SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



SN131M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)

