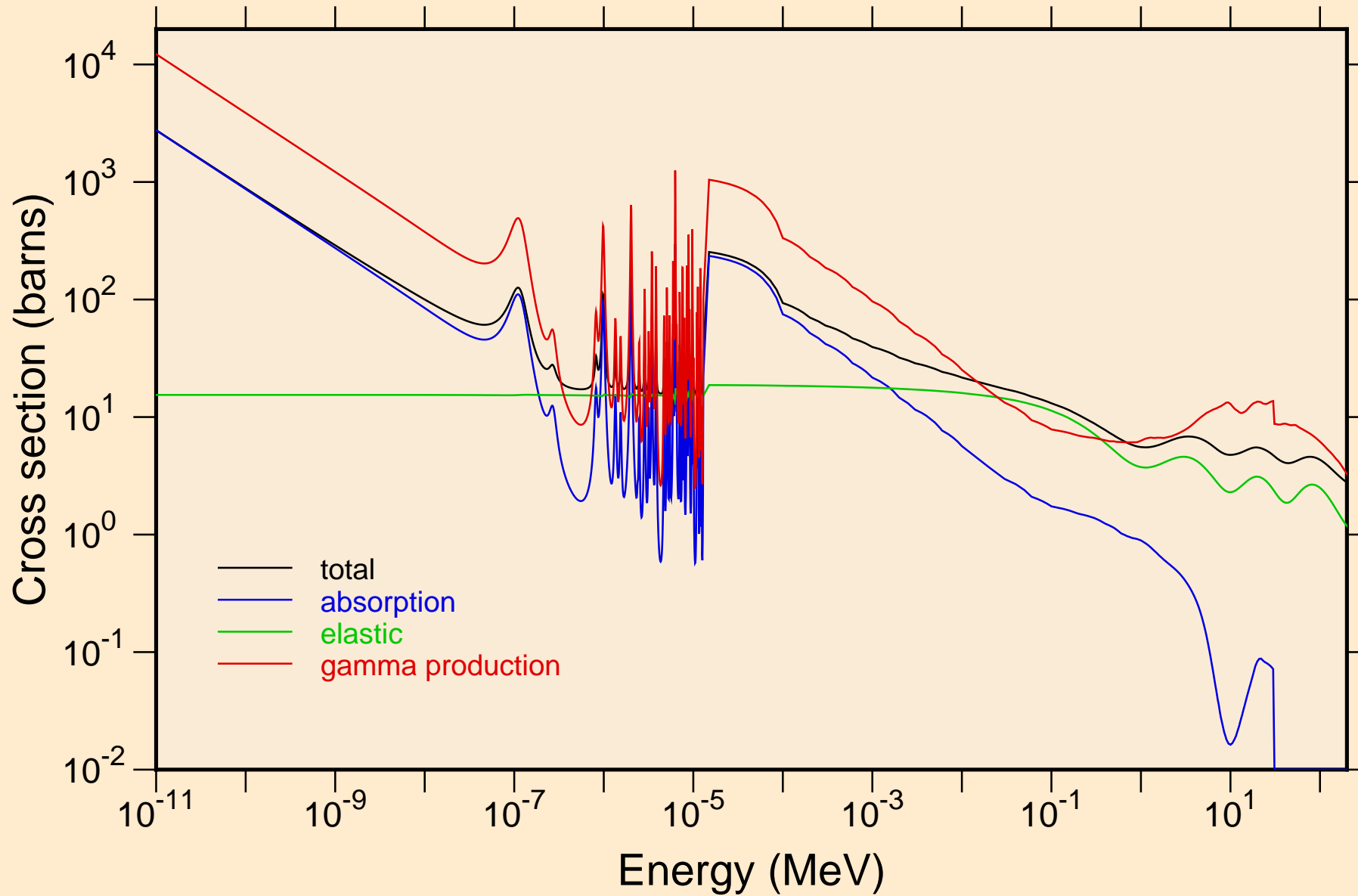
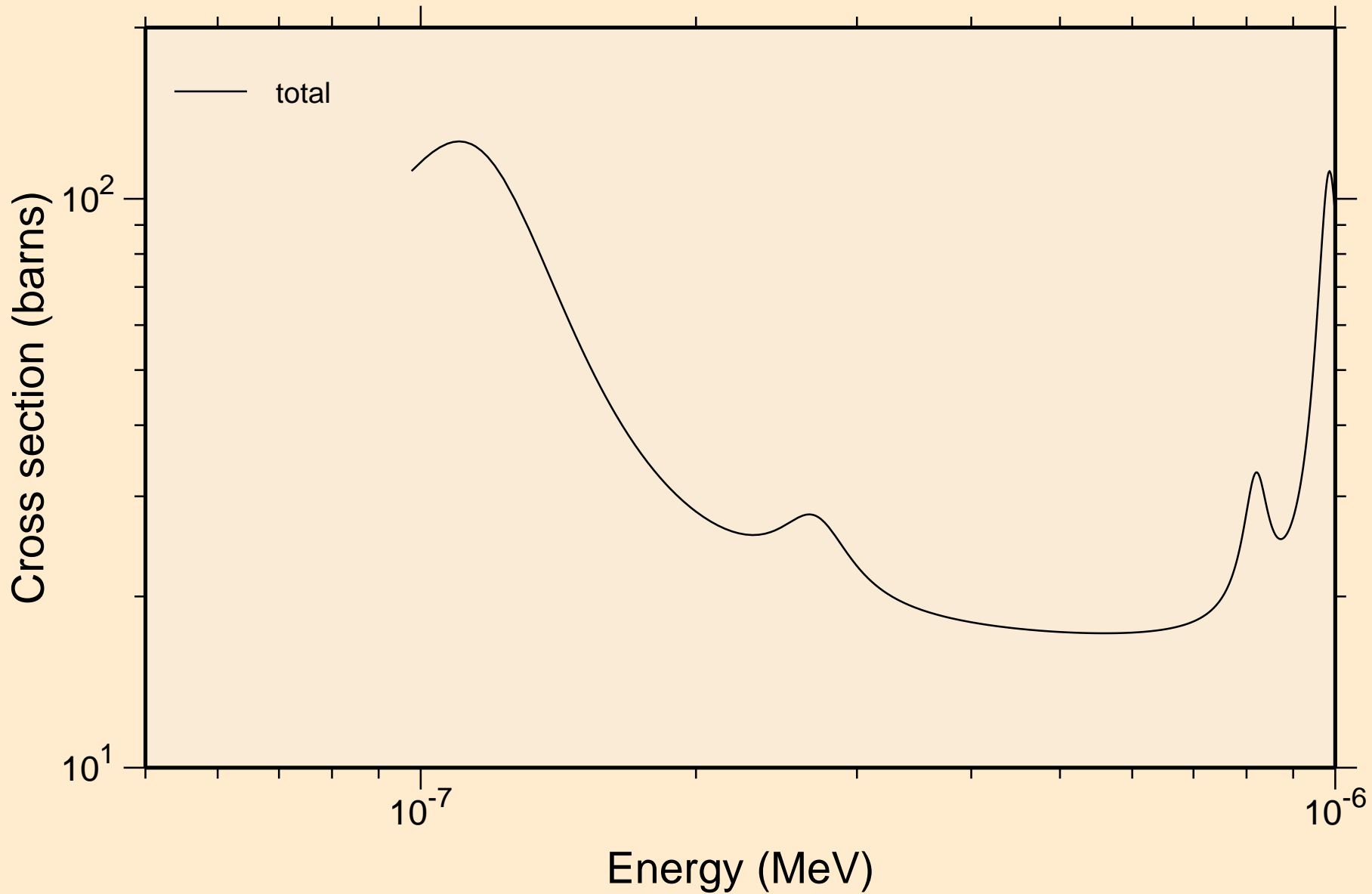


# IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

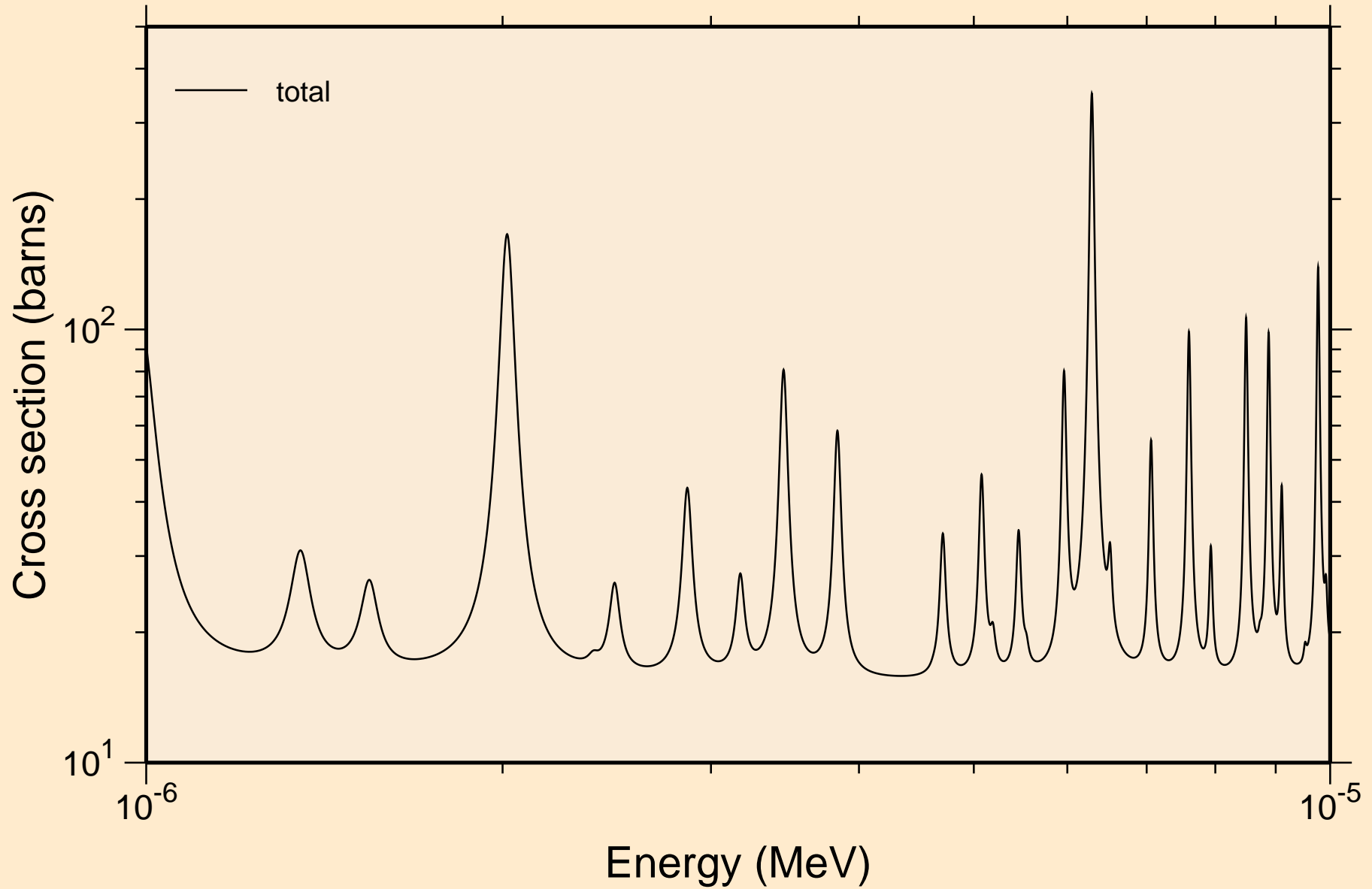
## Principal cross sections



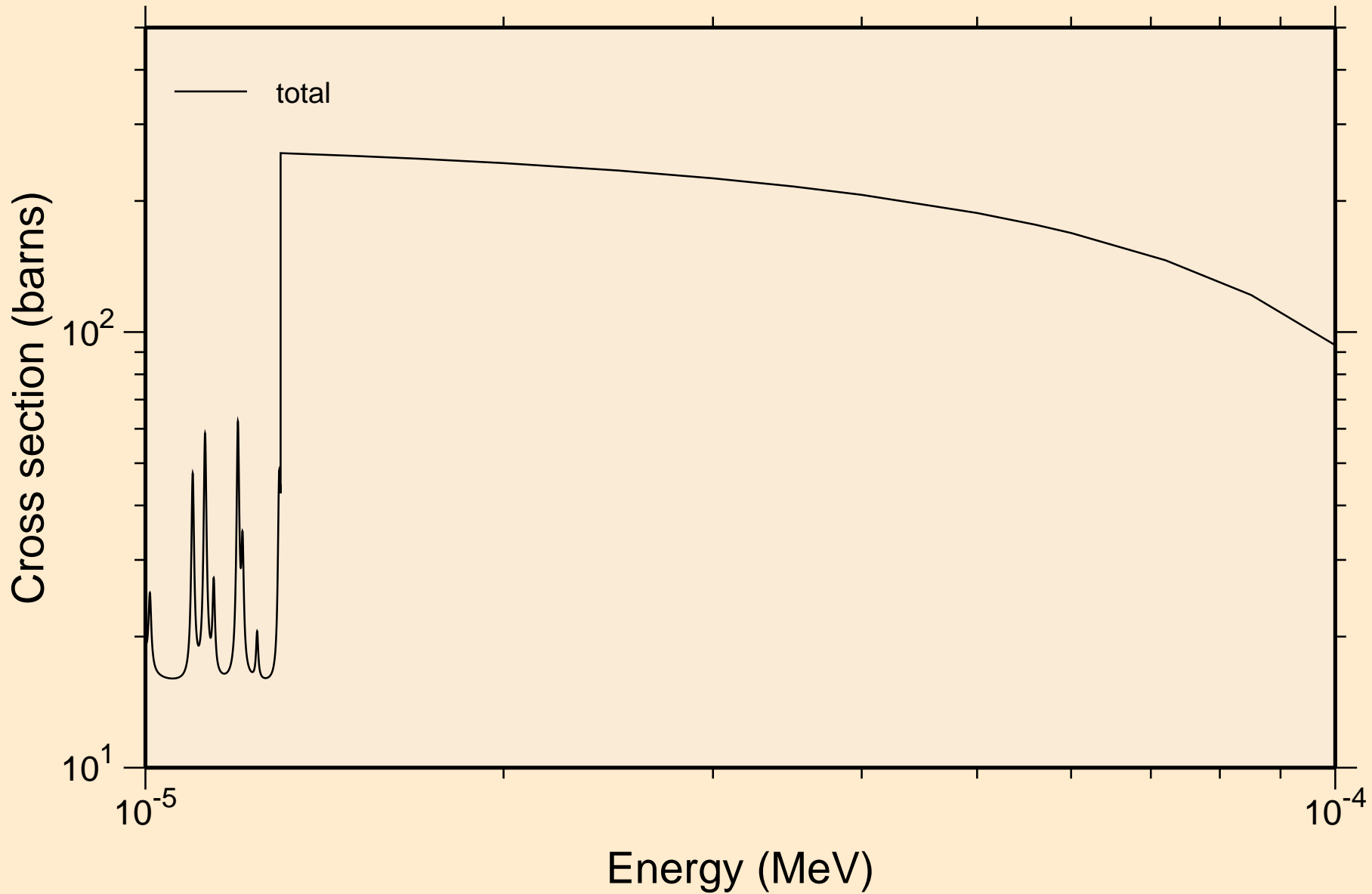
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



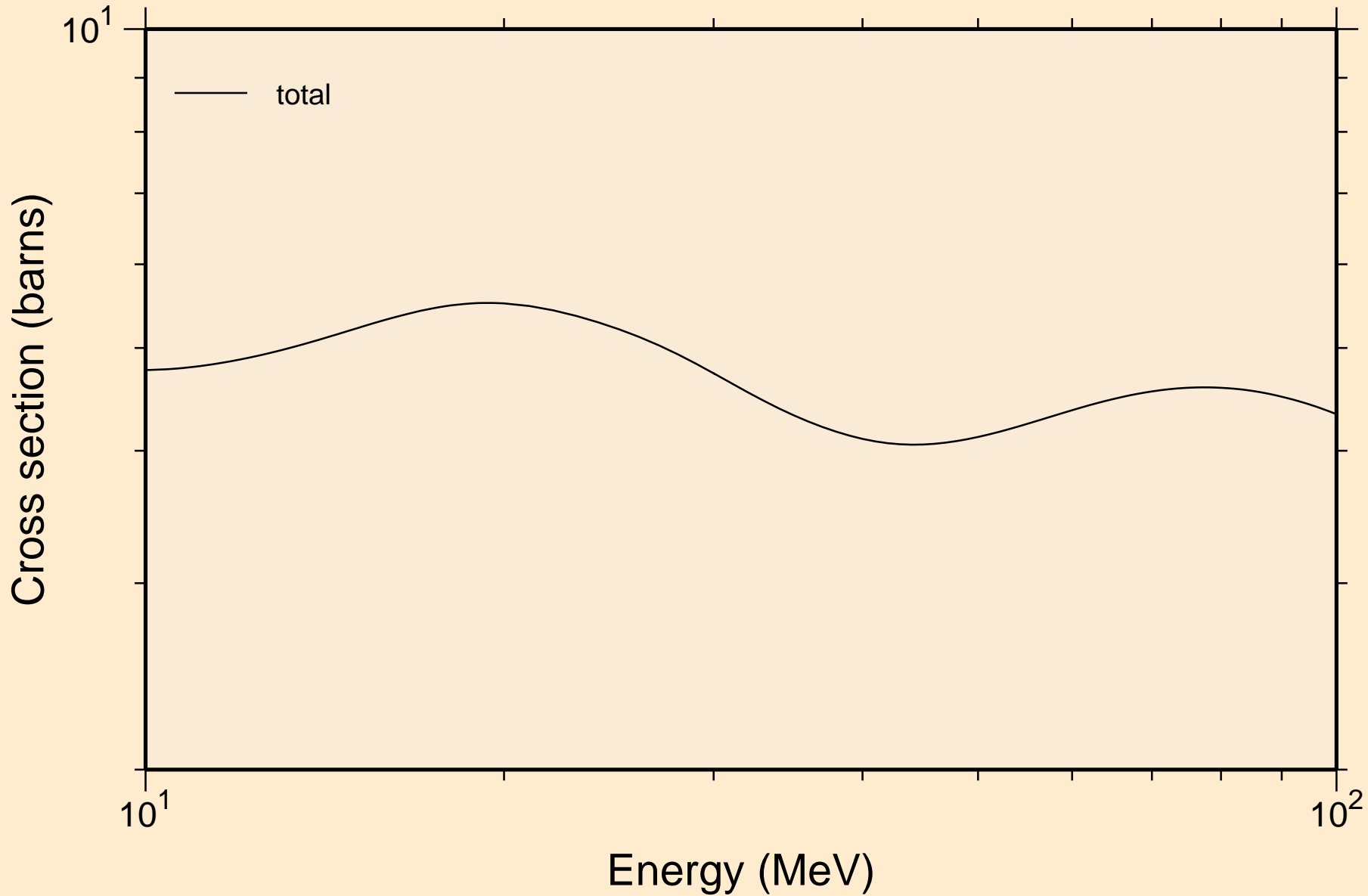
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



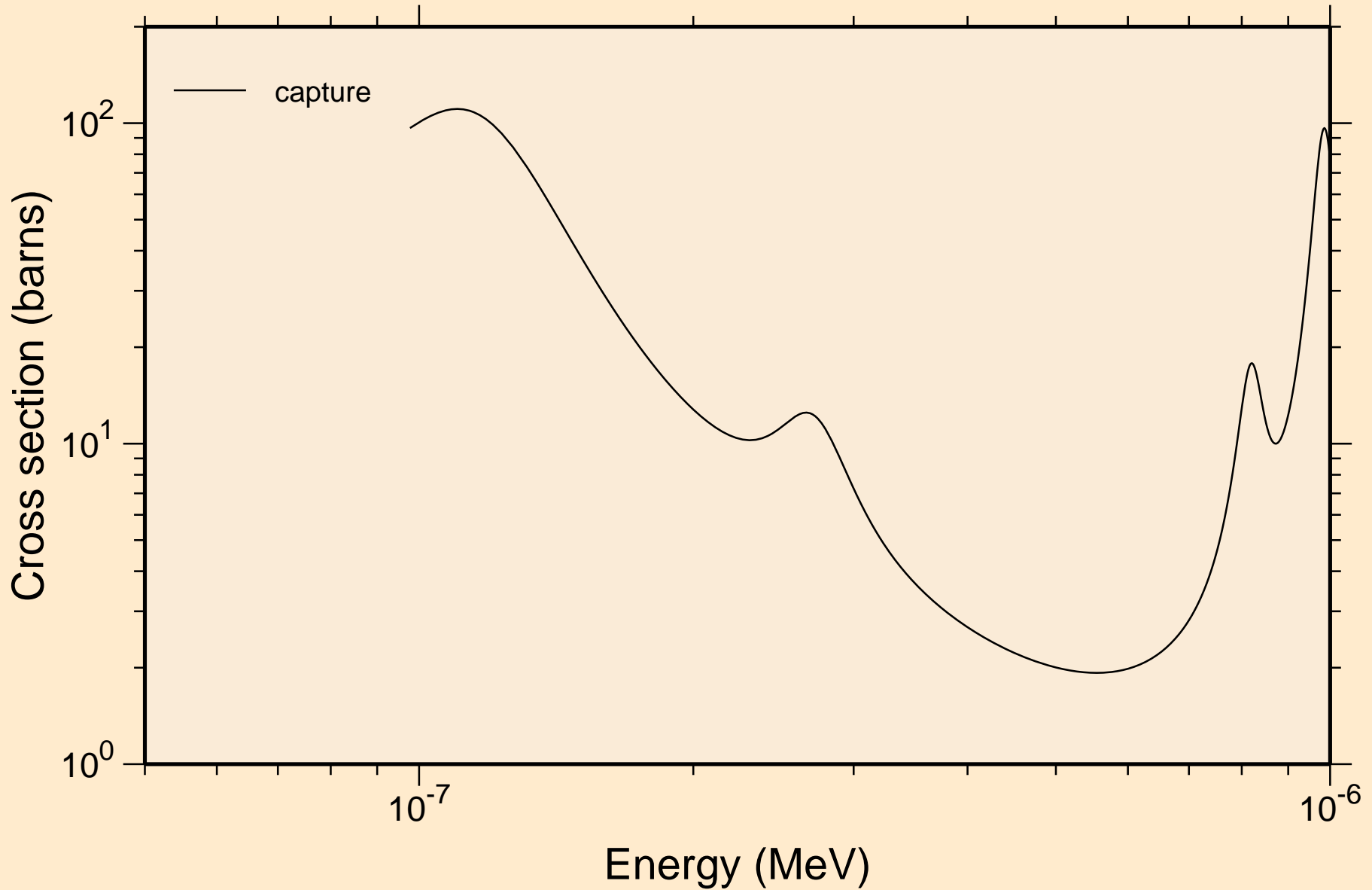
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



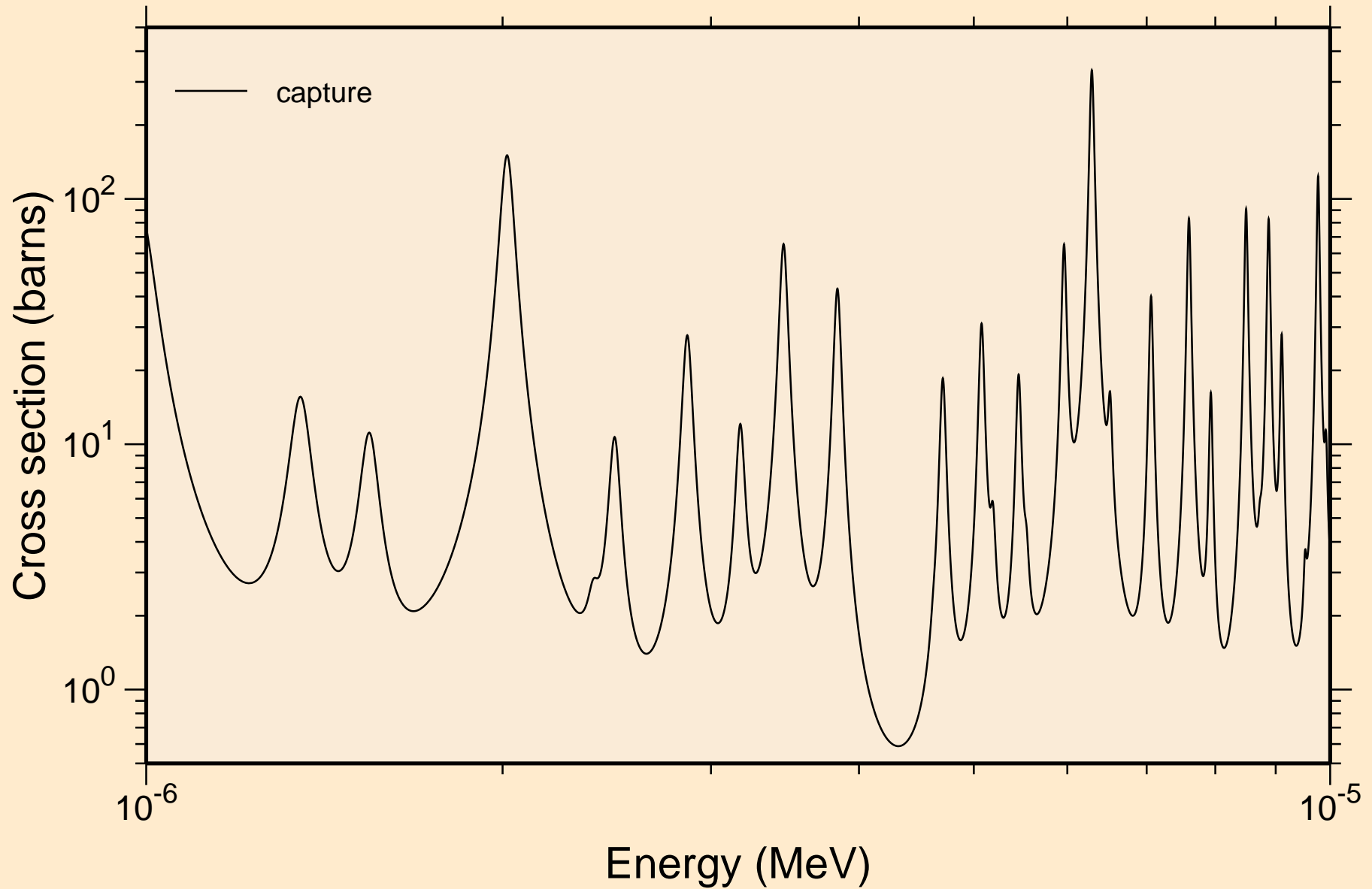
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



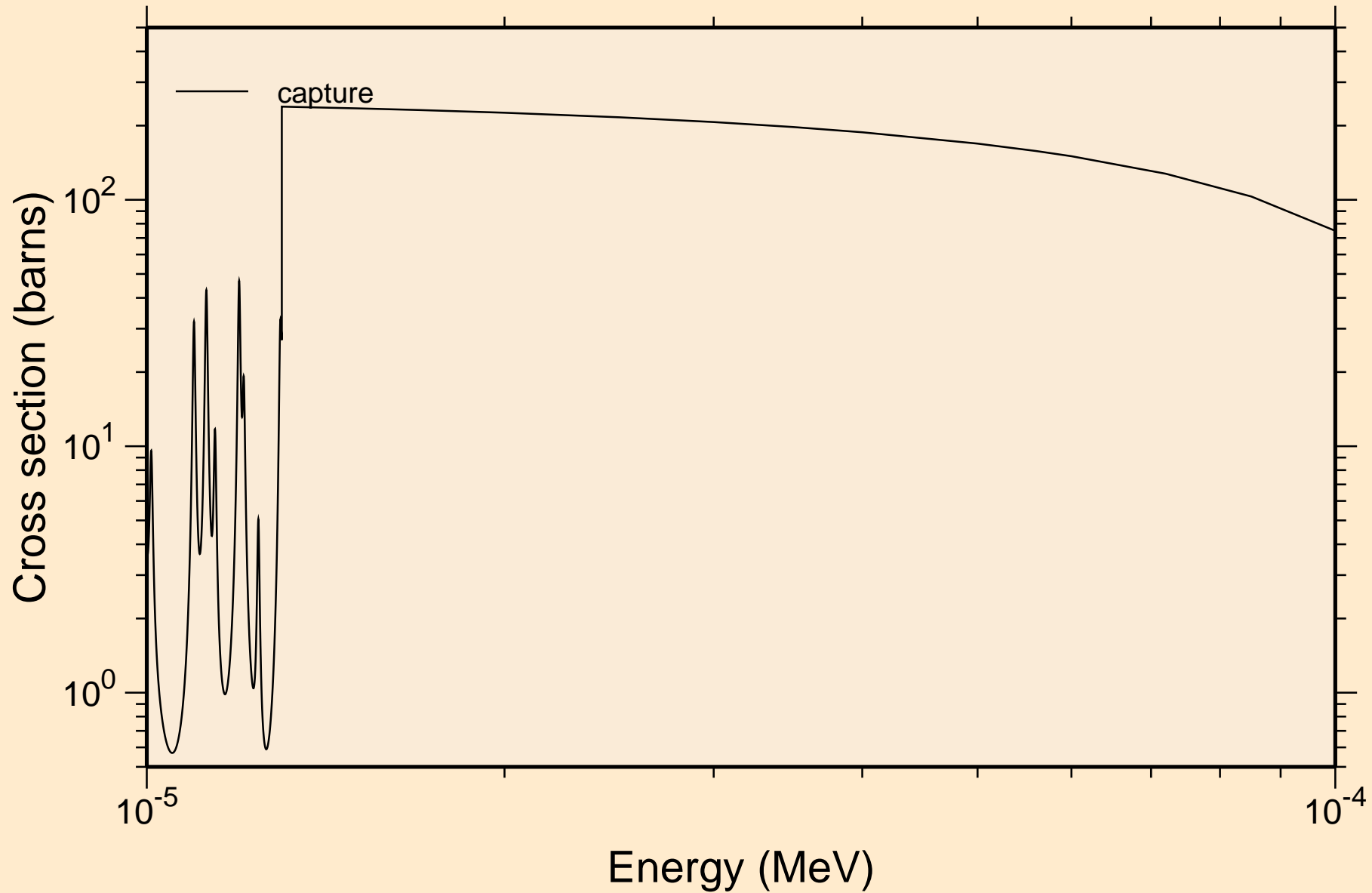
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

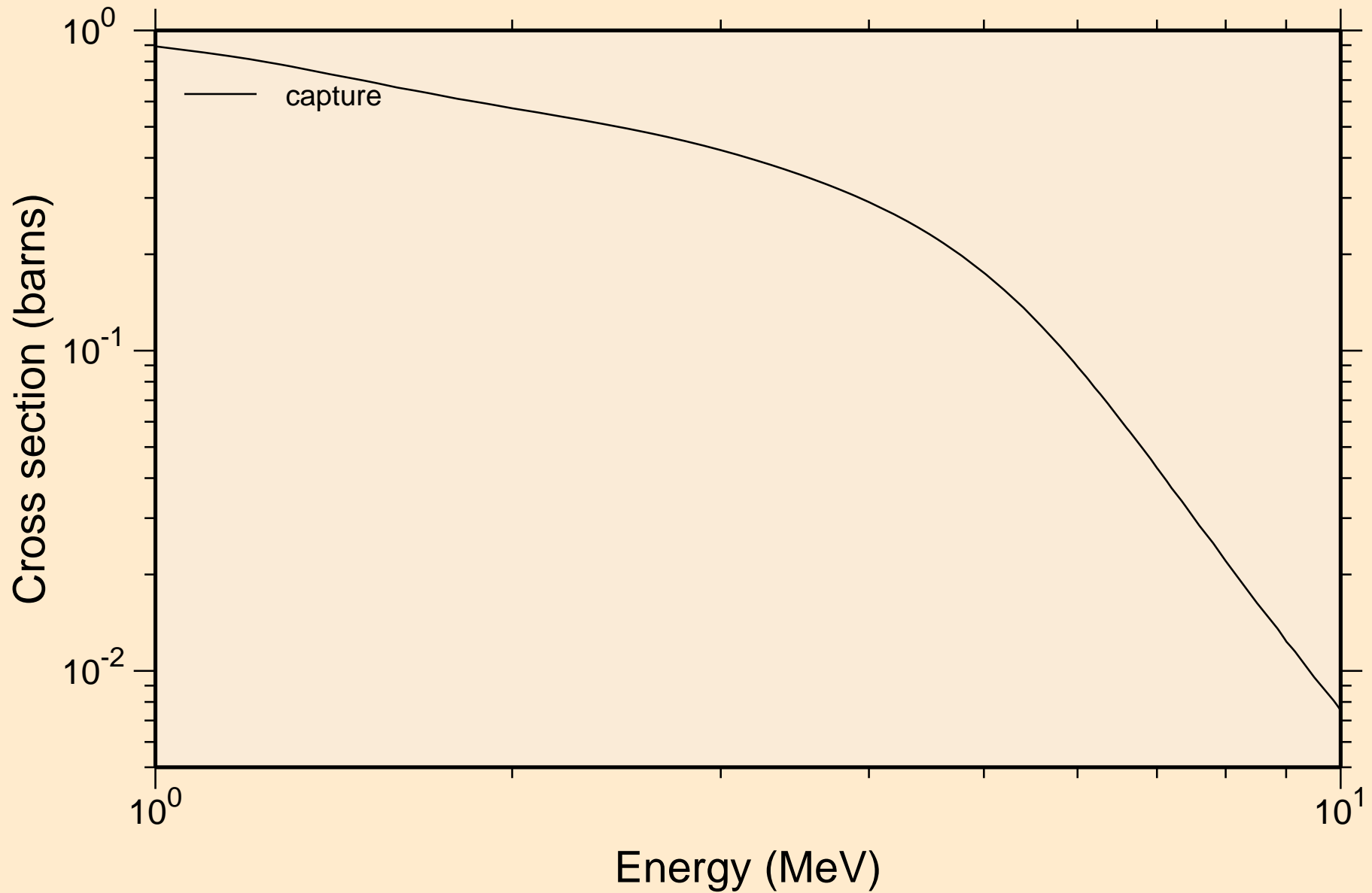


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

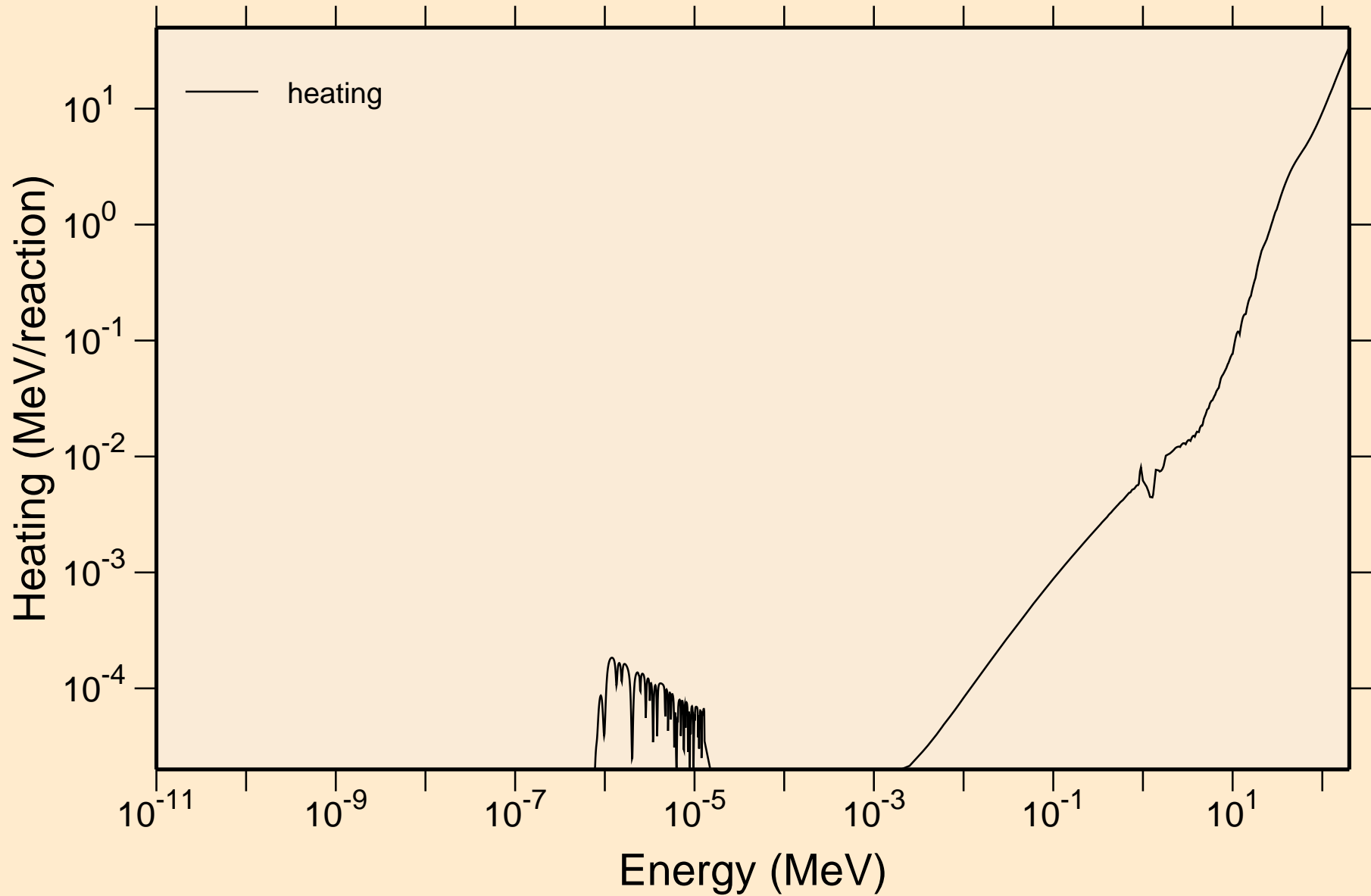




IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

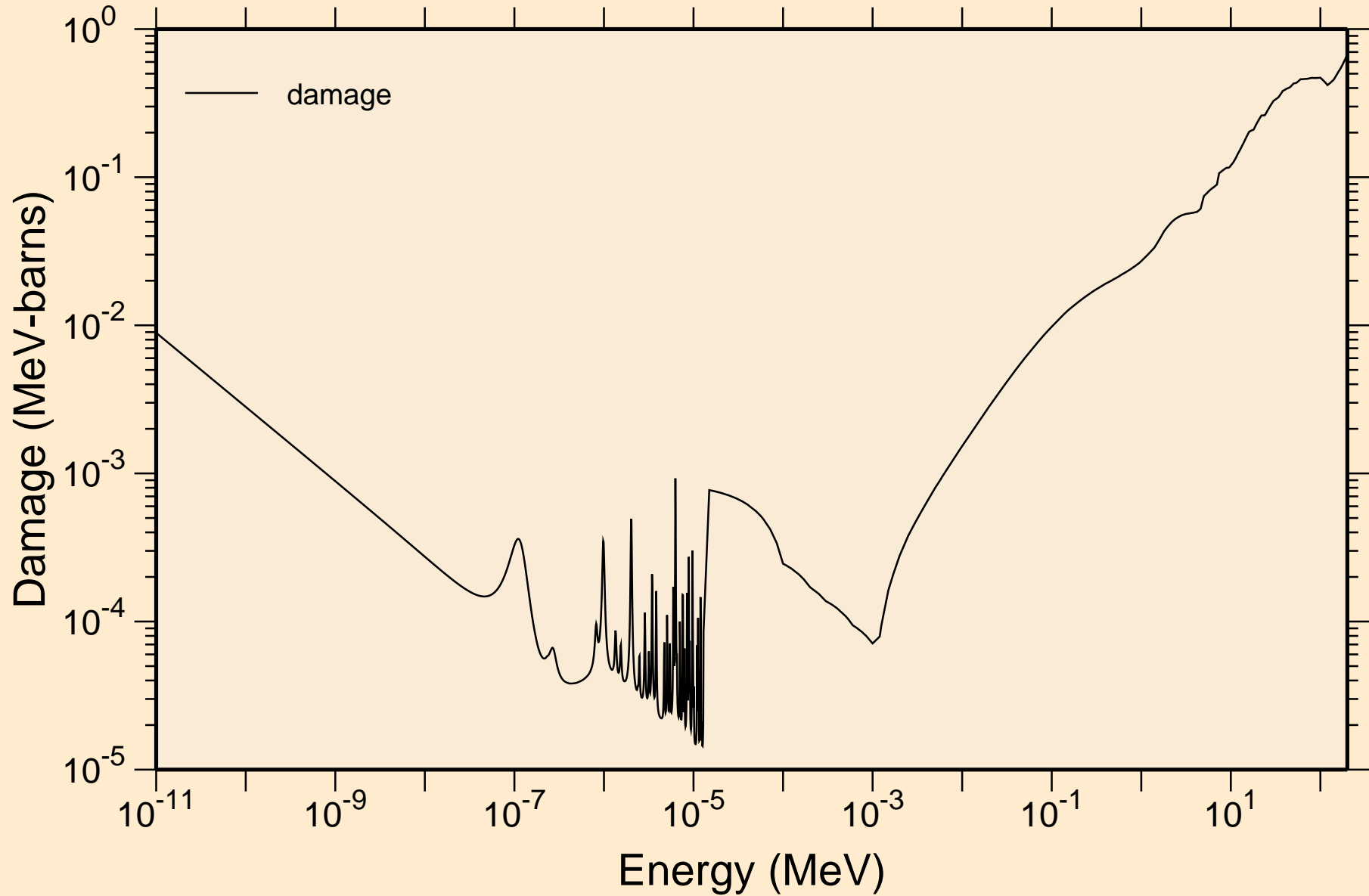


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



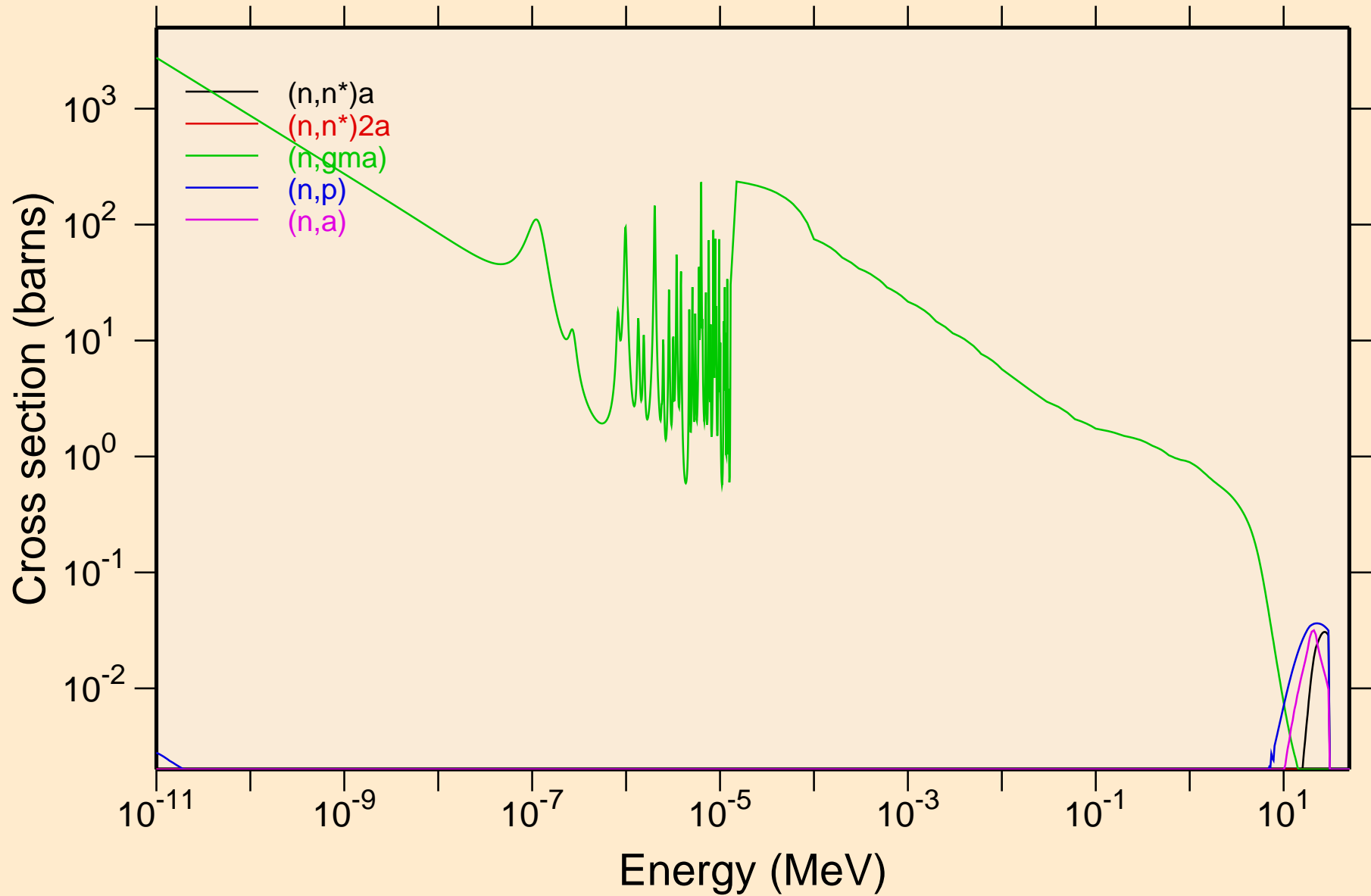
# IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

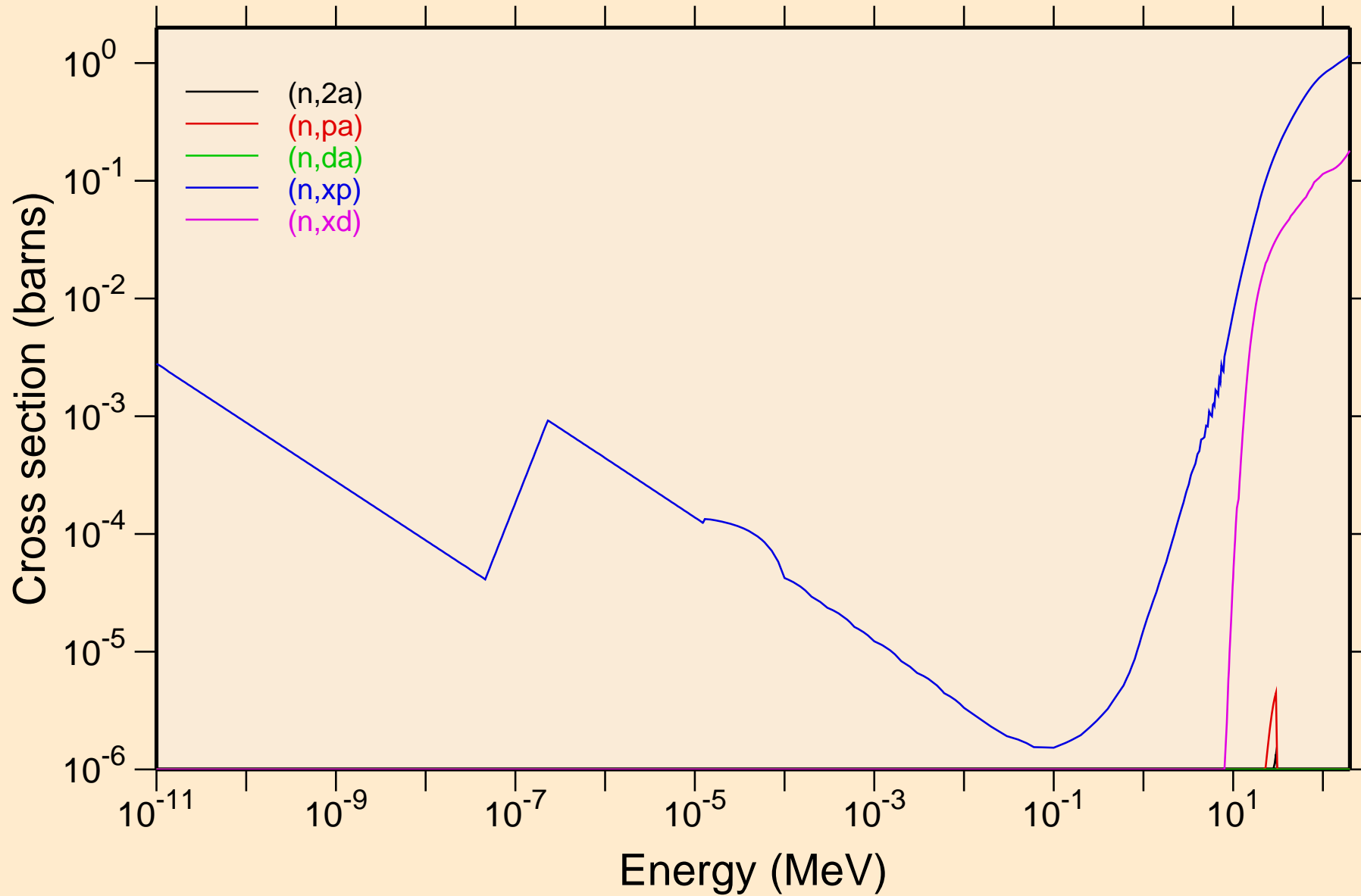


# IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

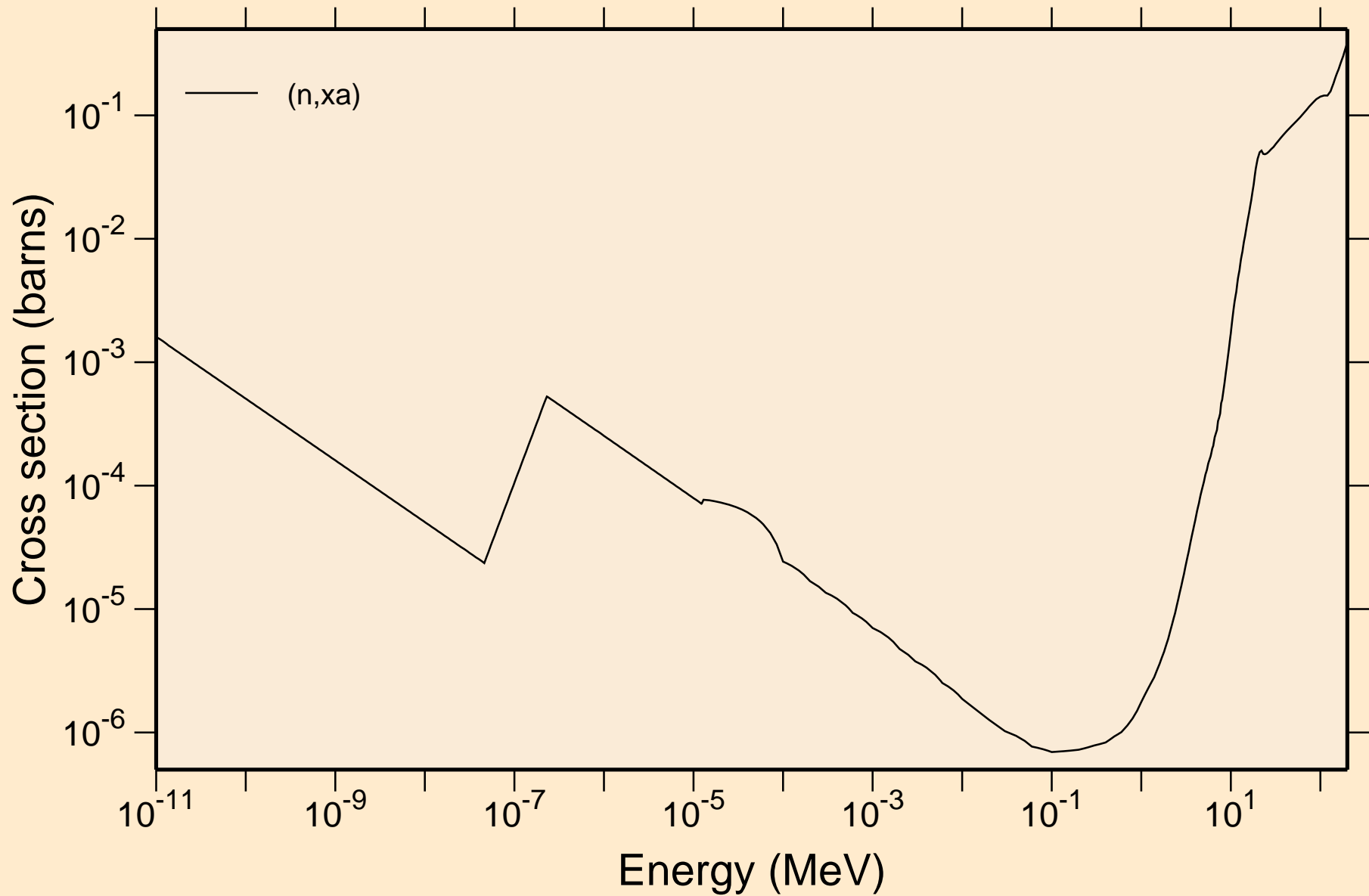
## Non-threshold reactions



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

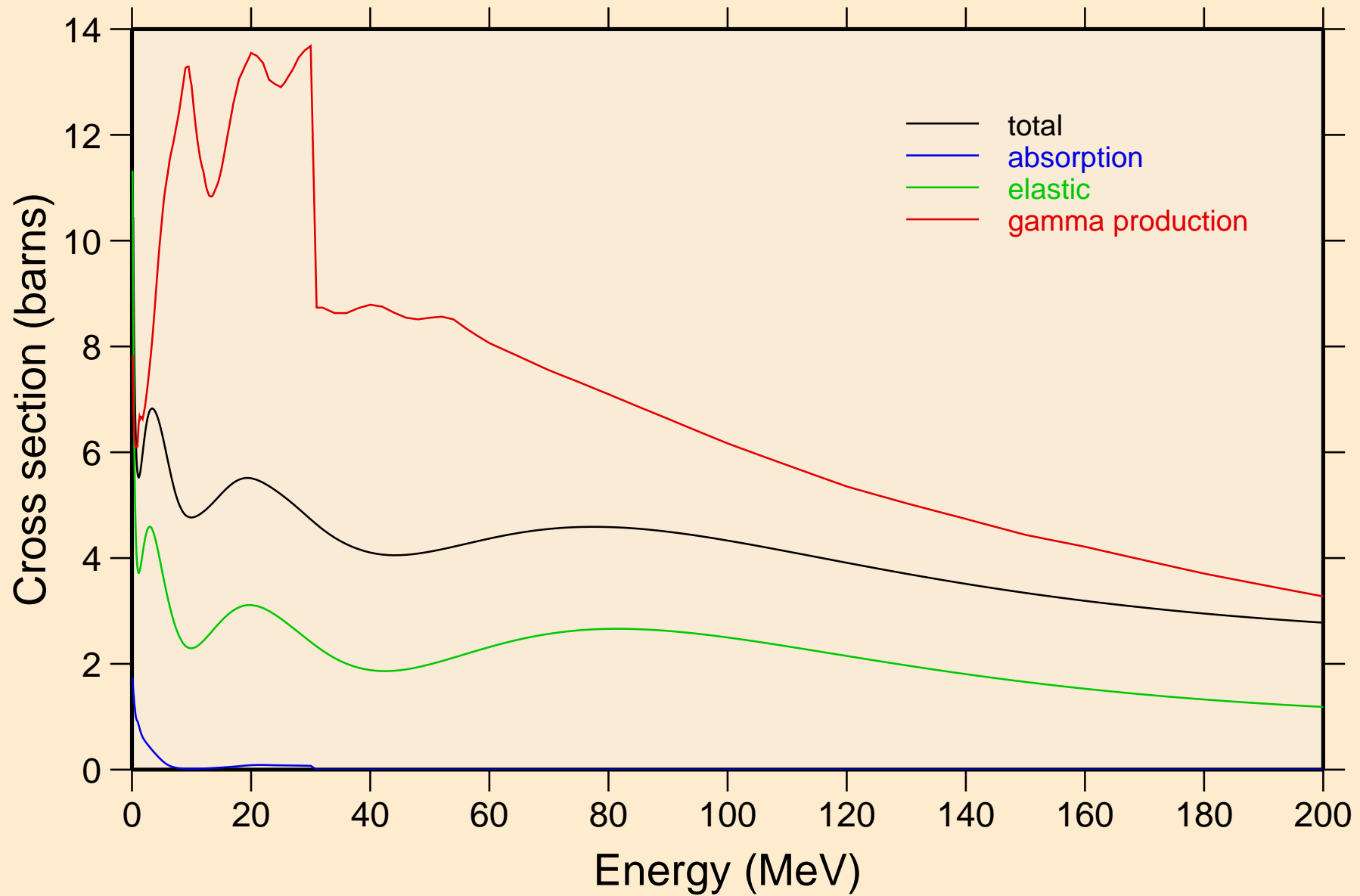


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



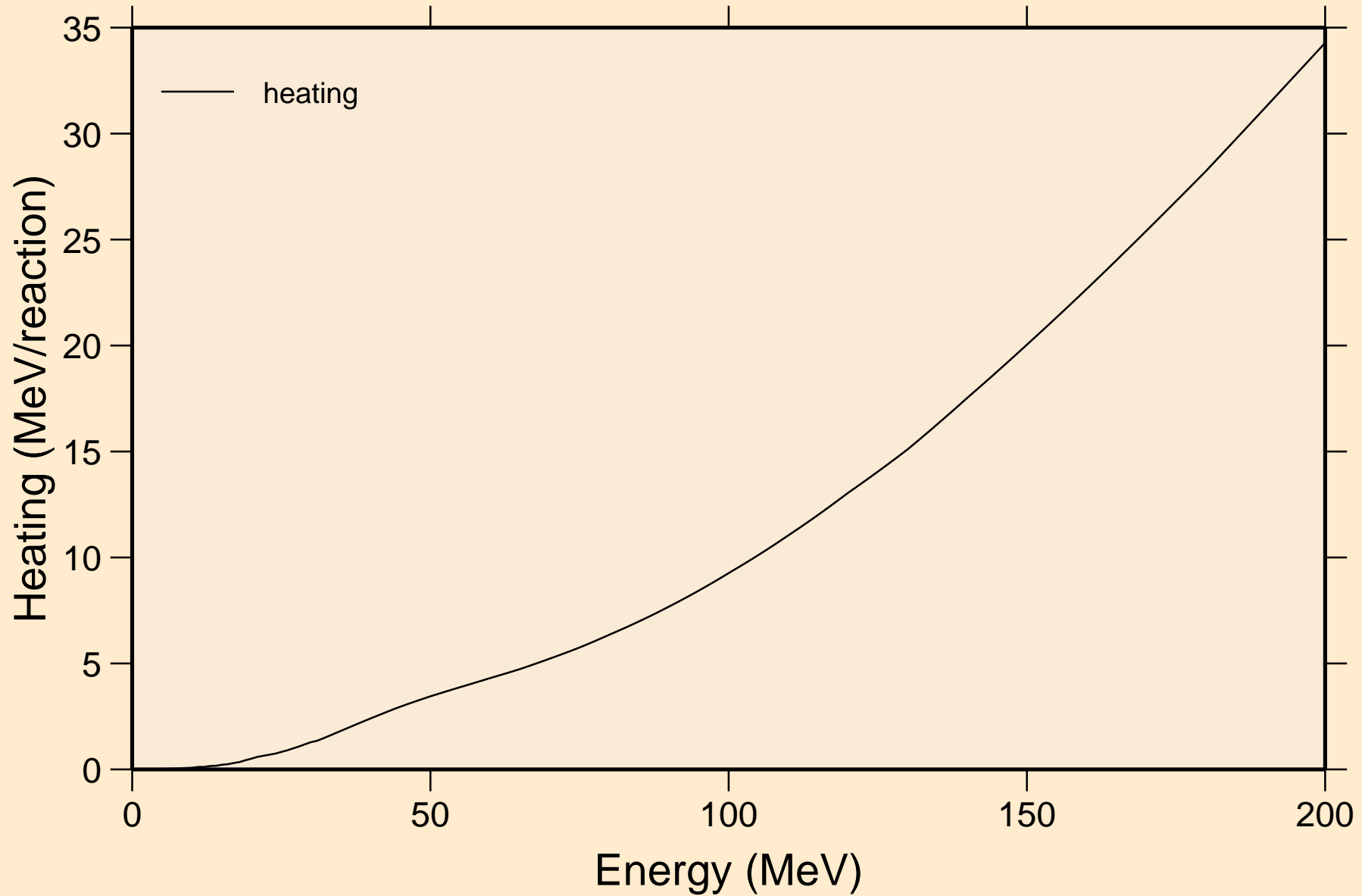
# IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



# IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

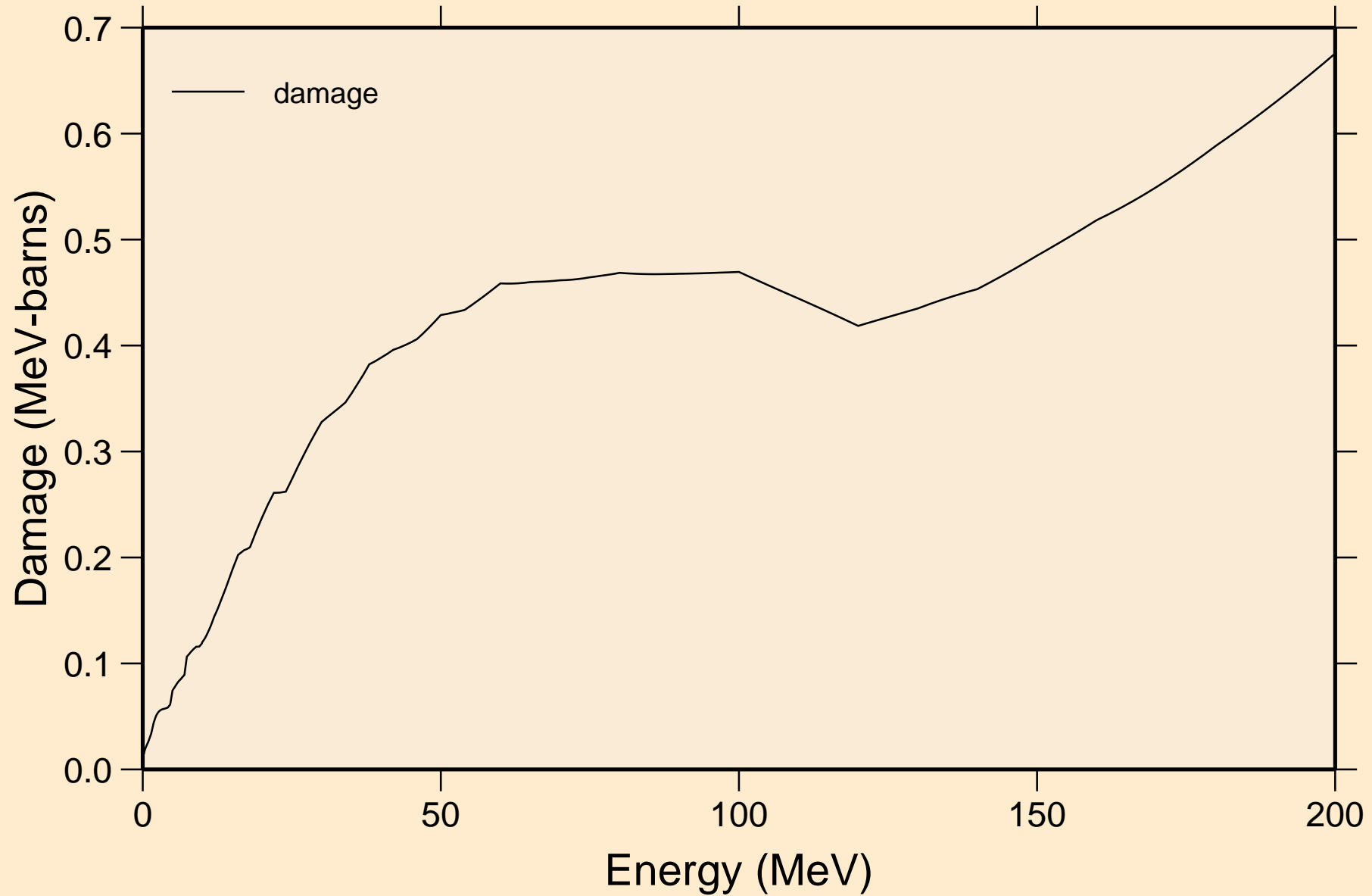
## Heating



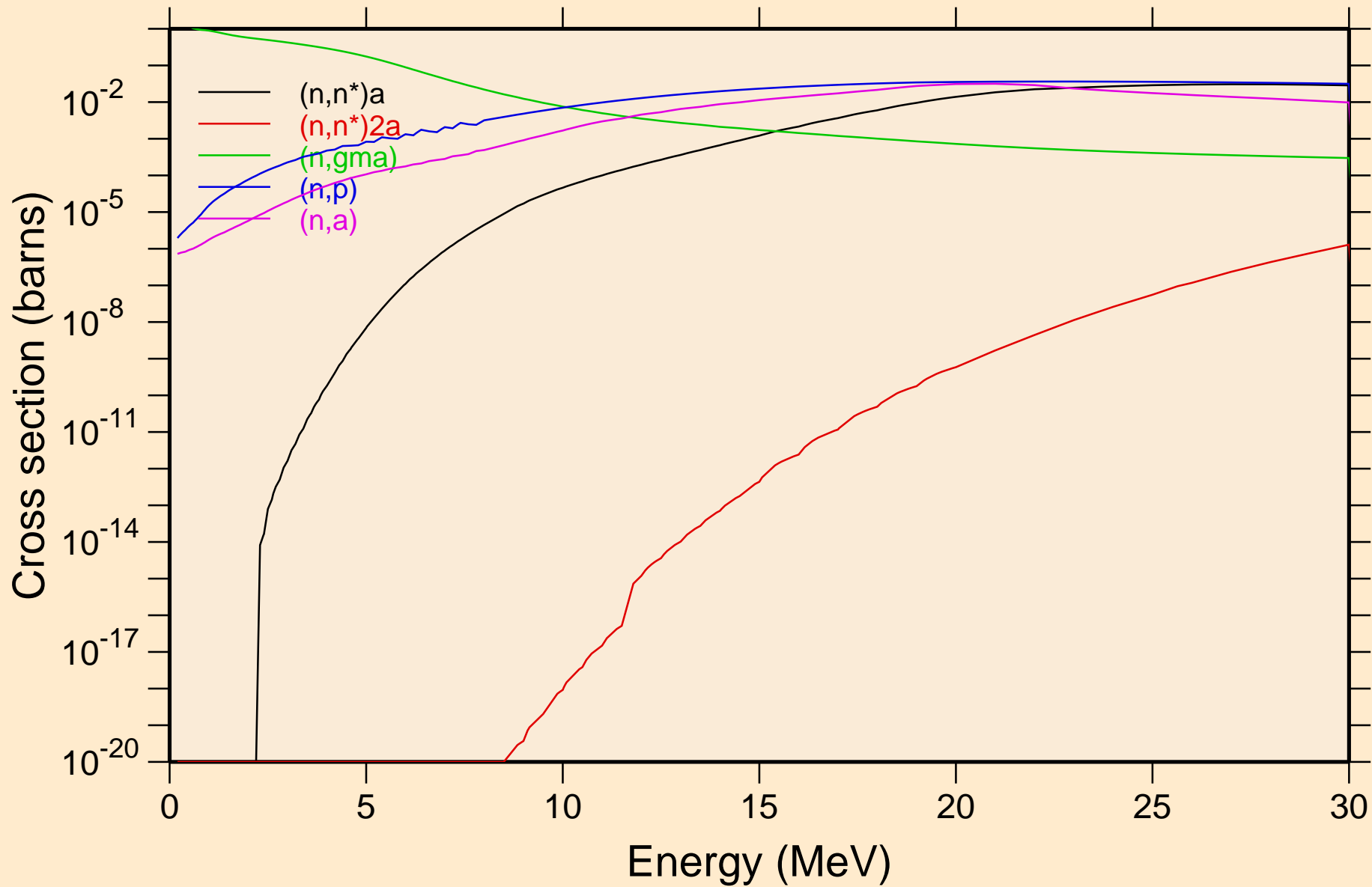


# IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

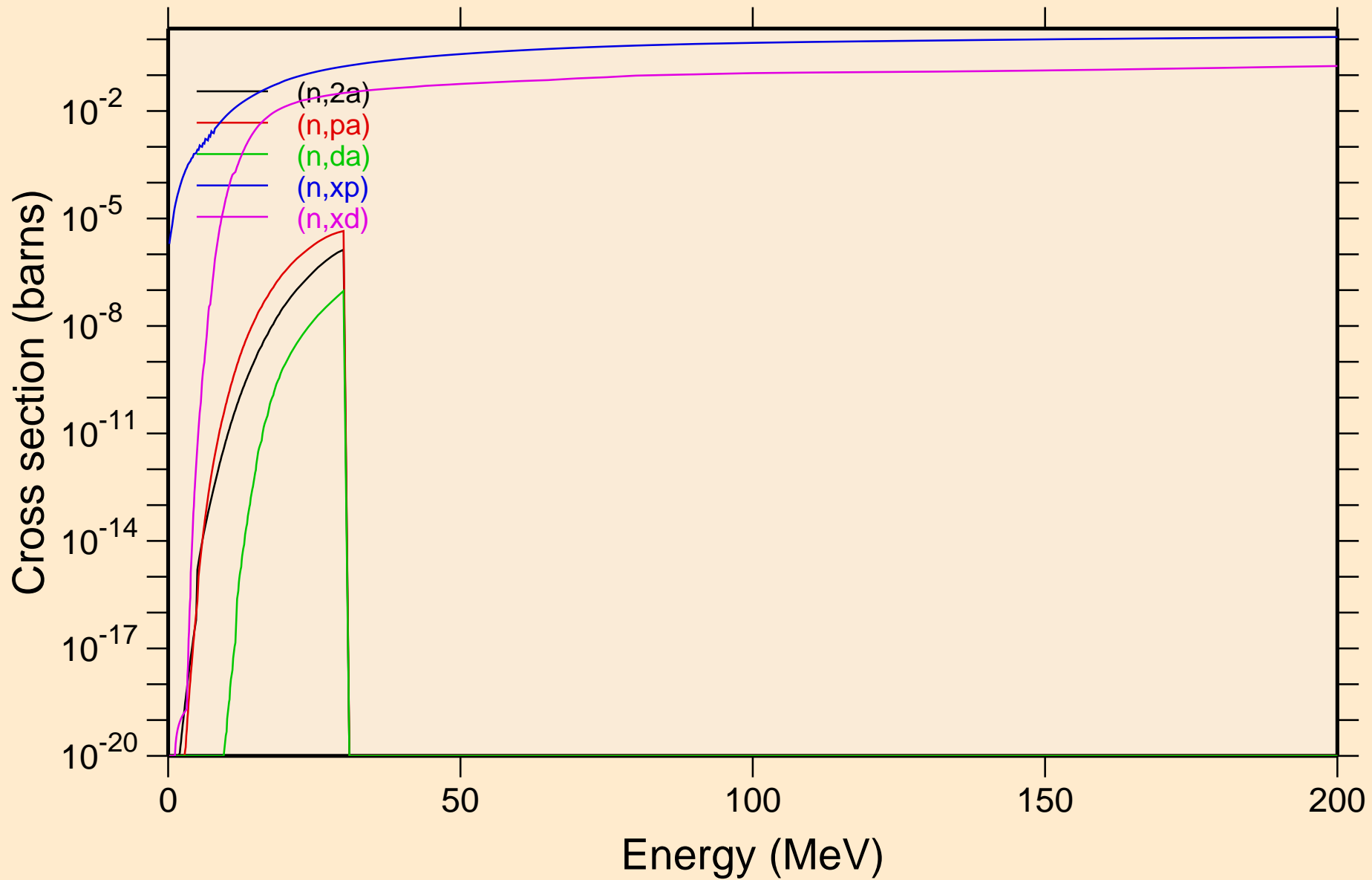
## Damage



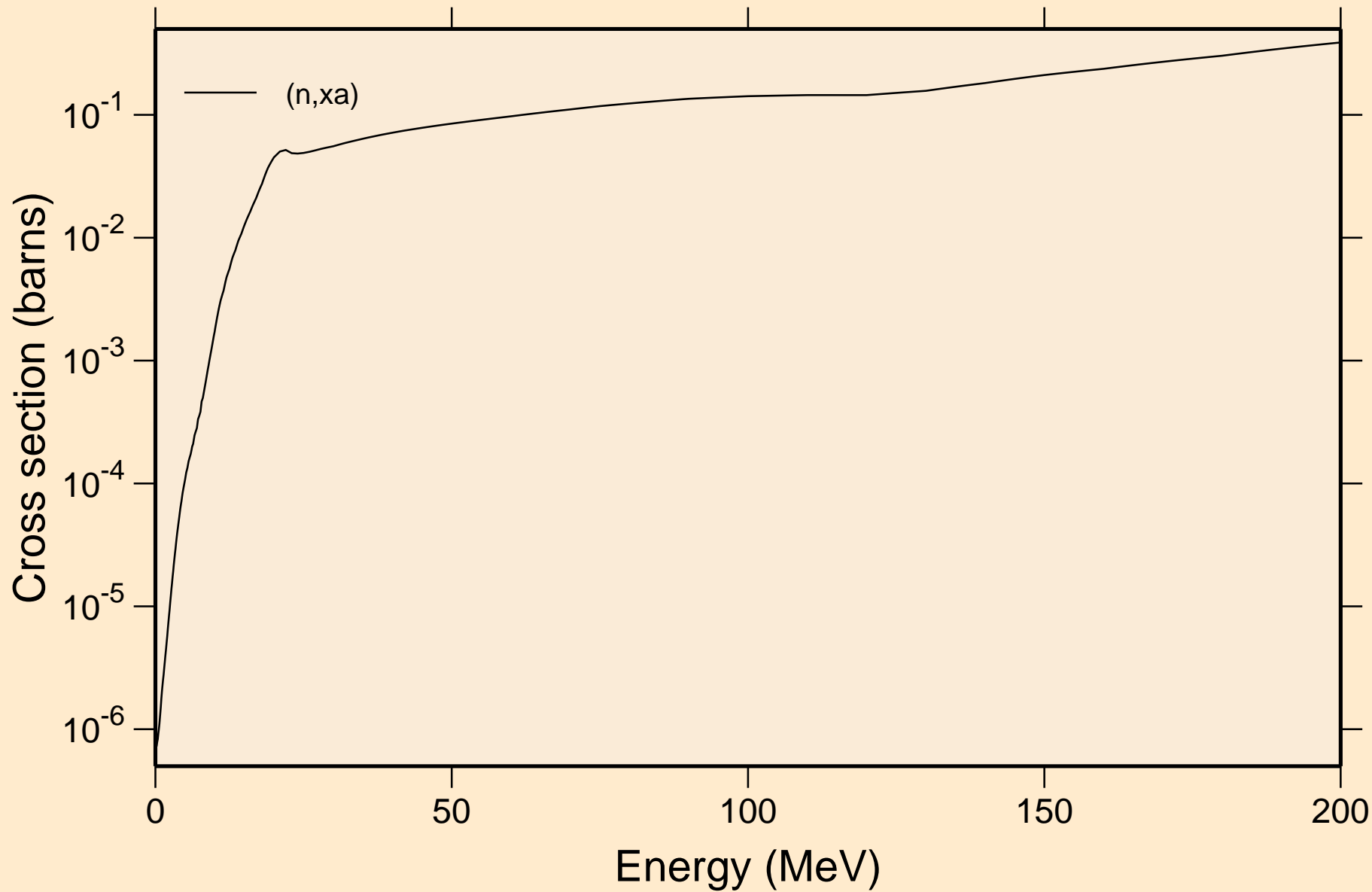
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

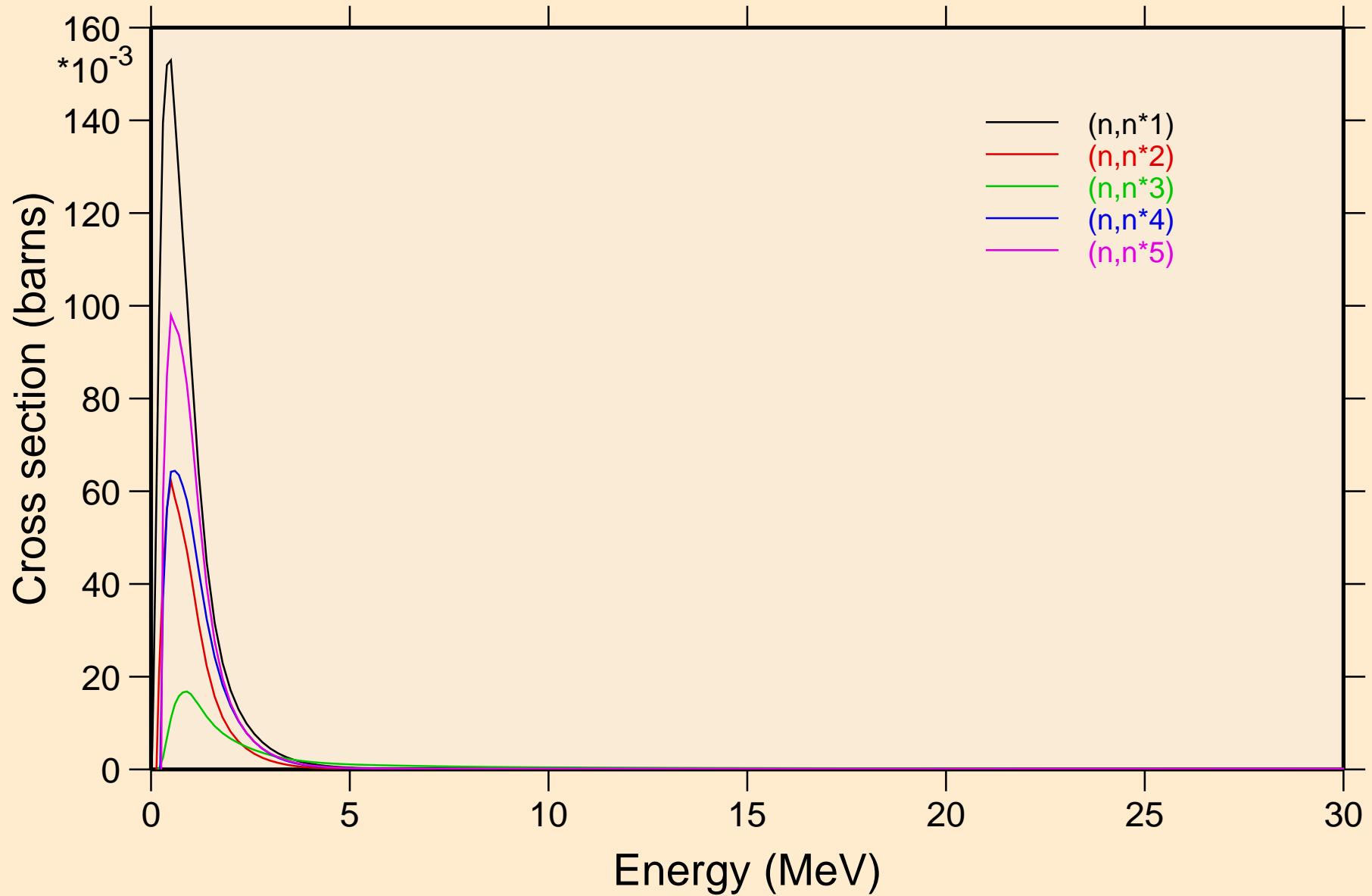


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

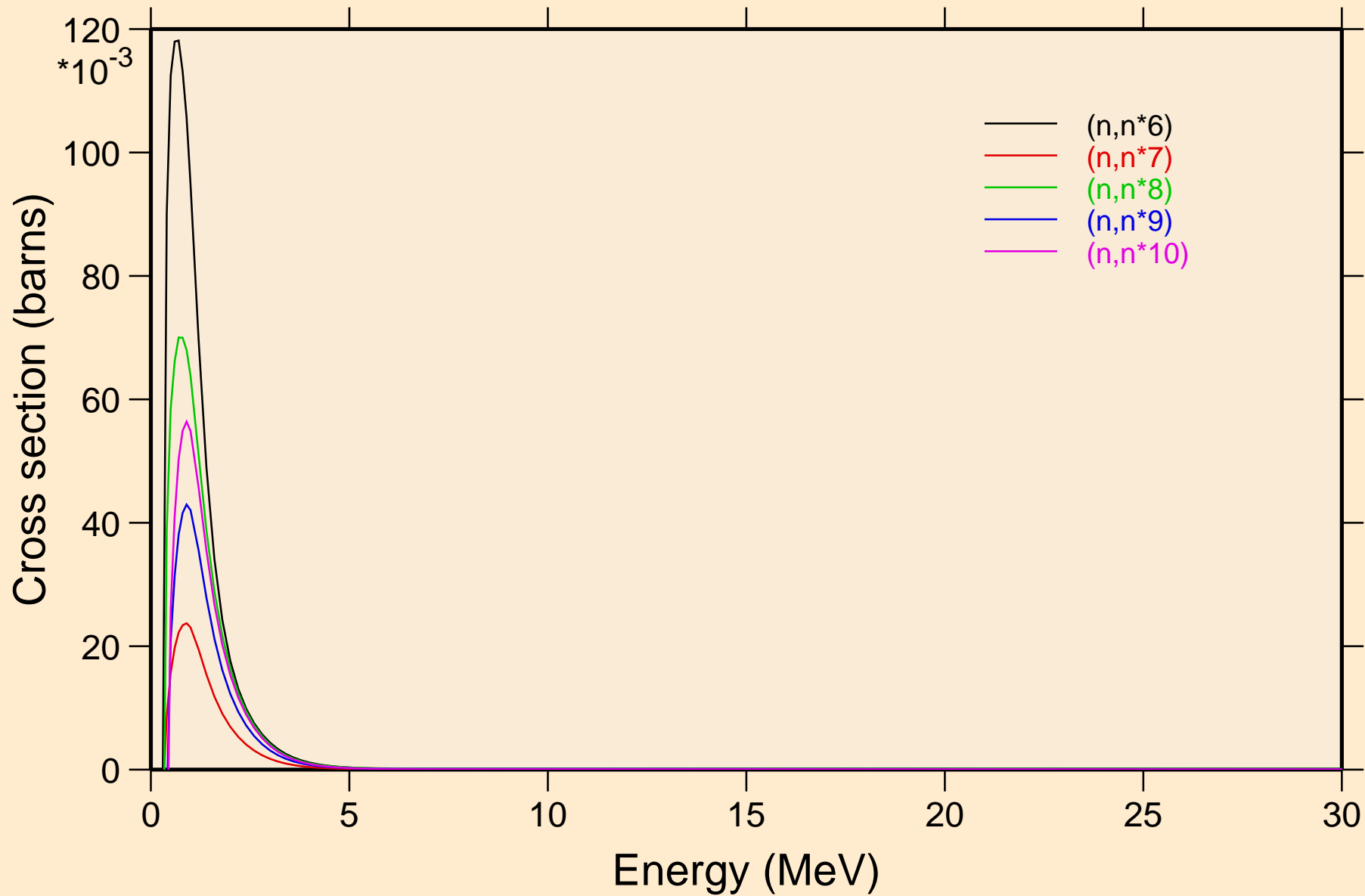


# IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

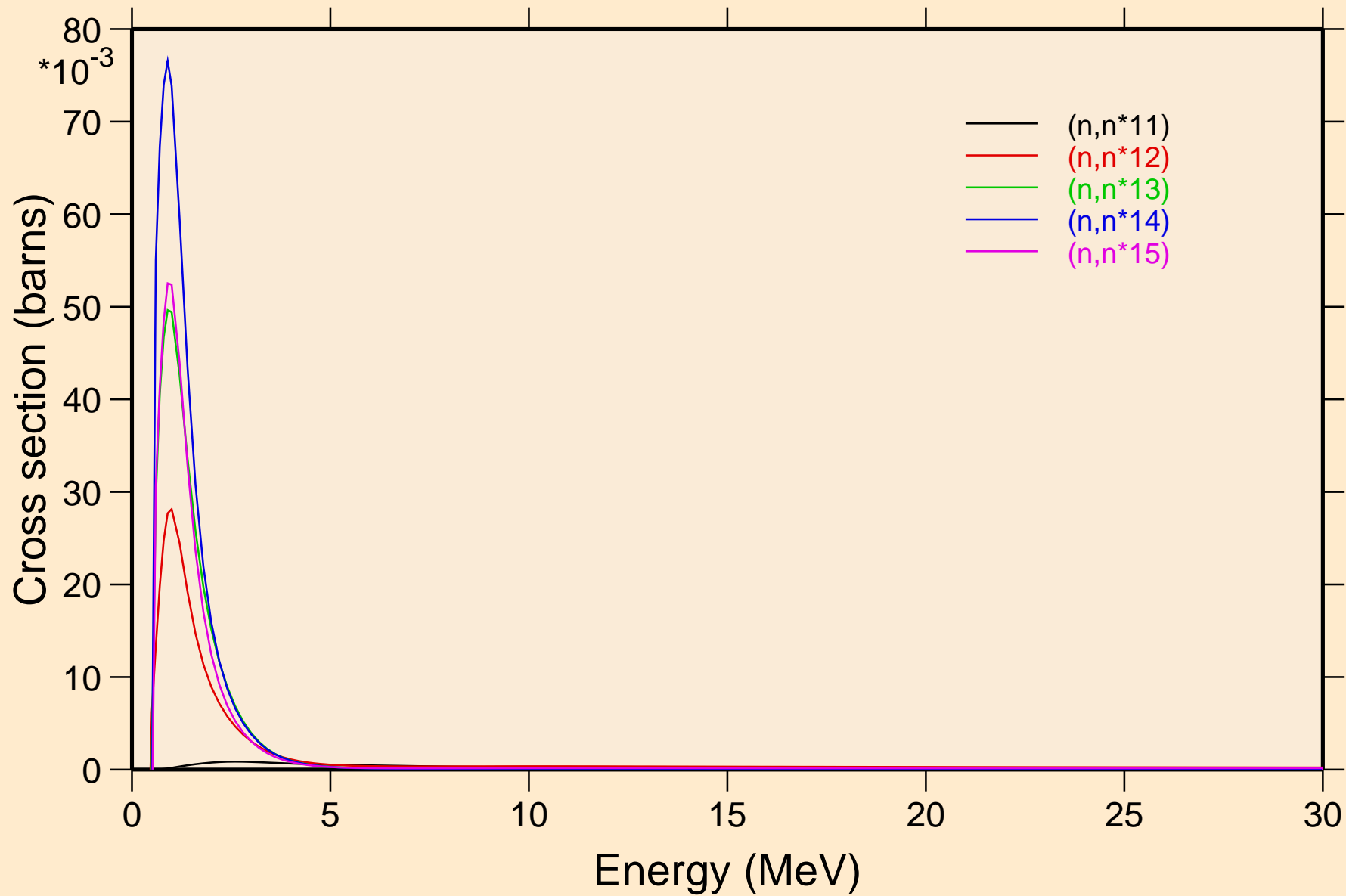
## Inelastic levels



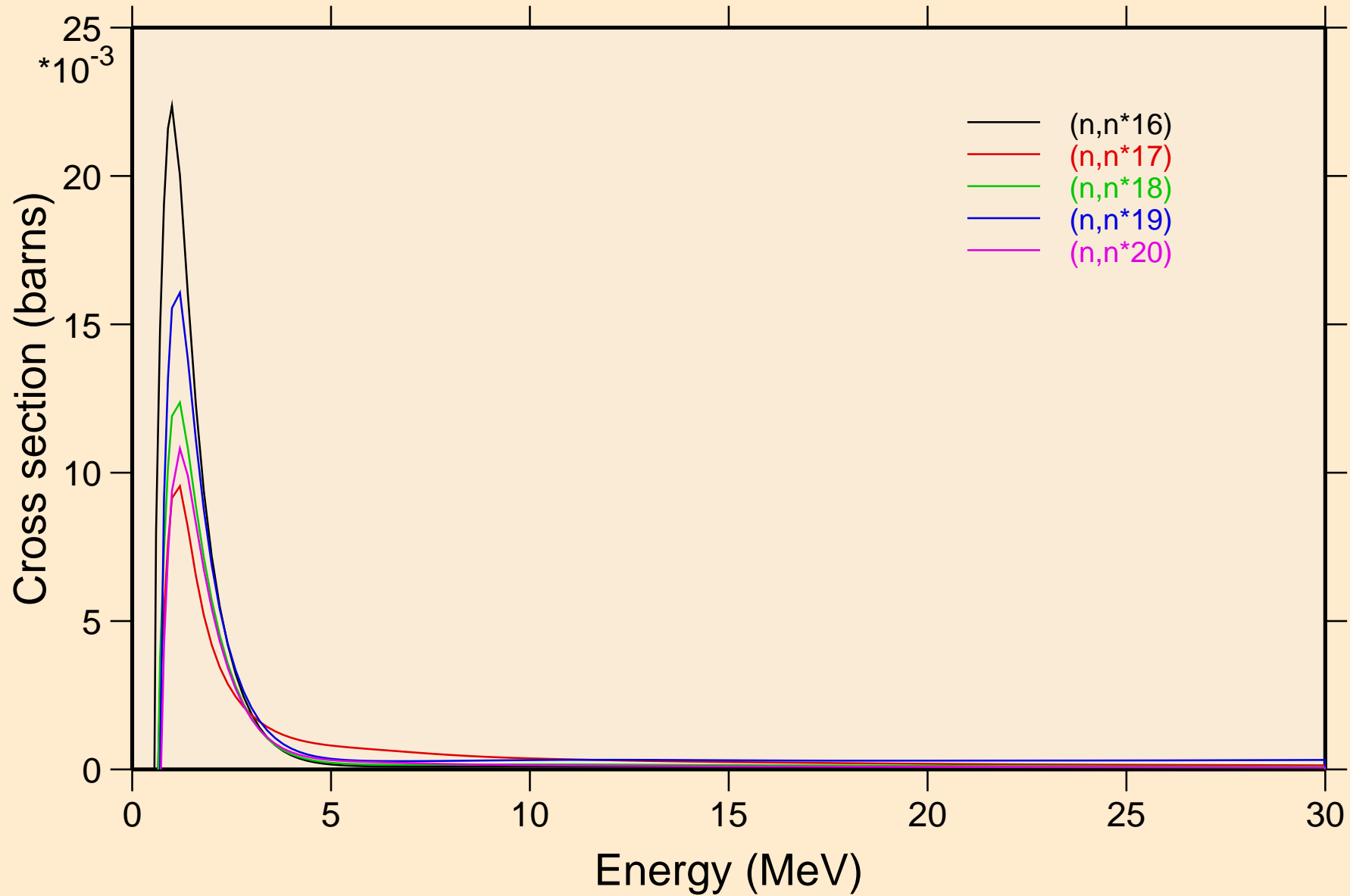
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

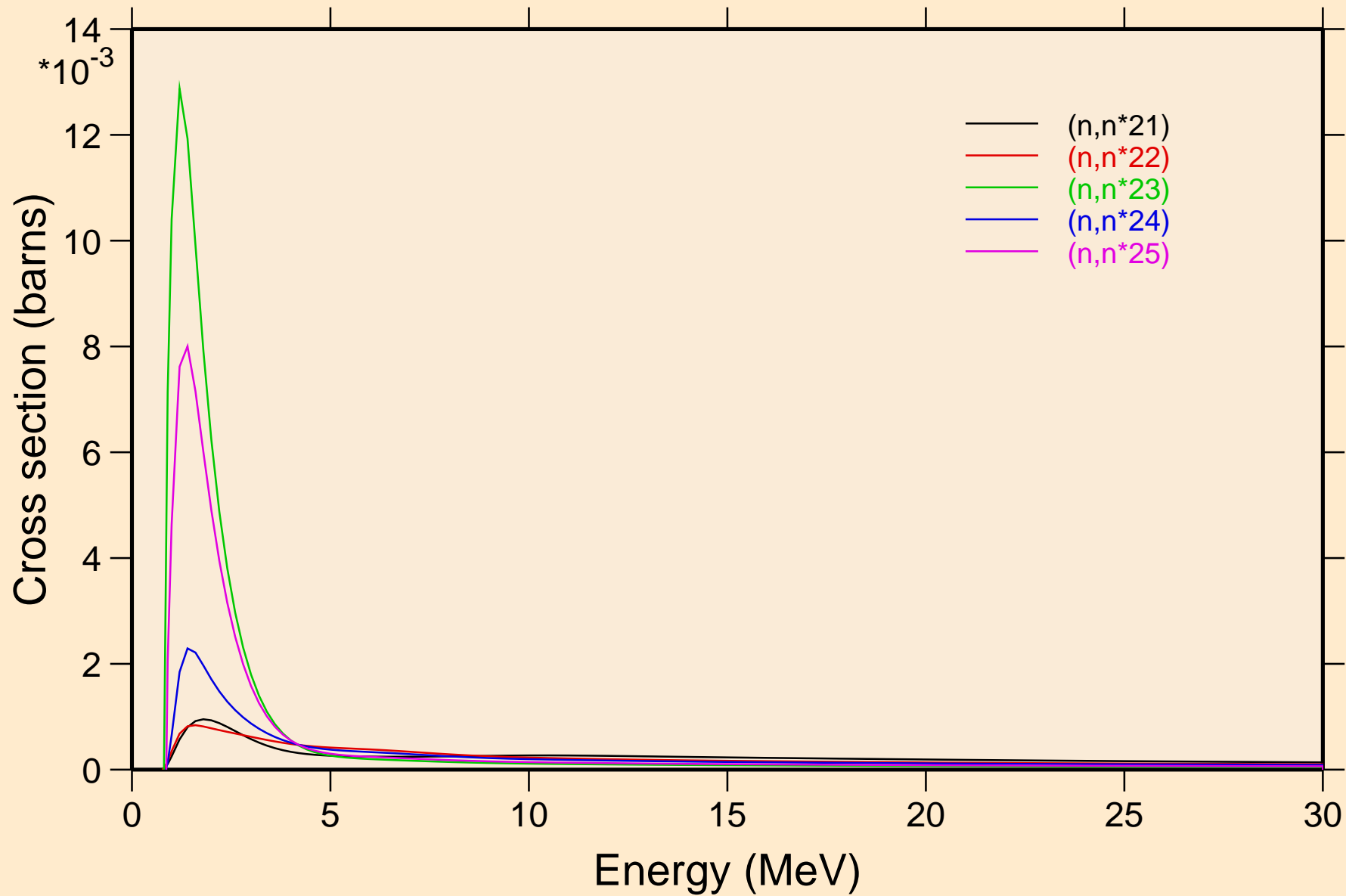


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

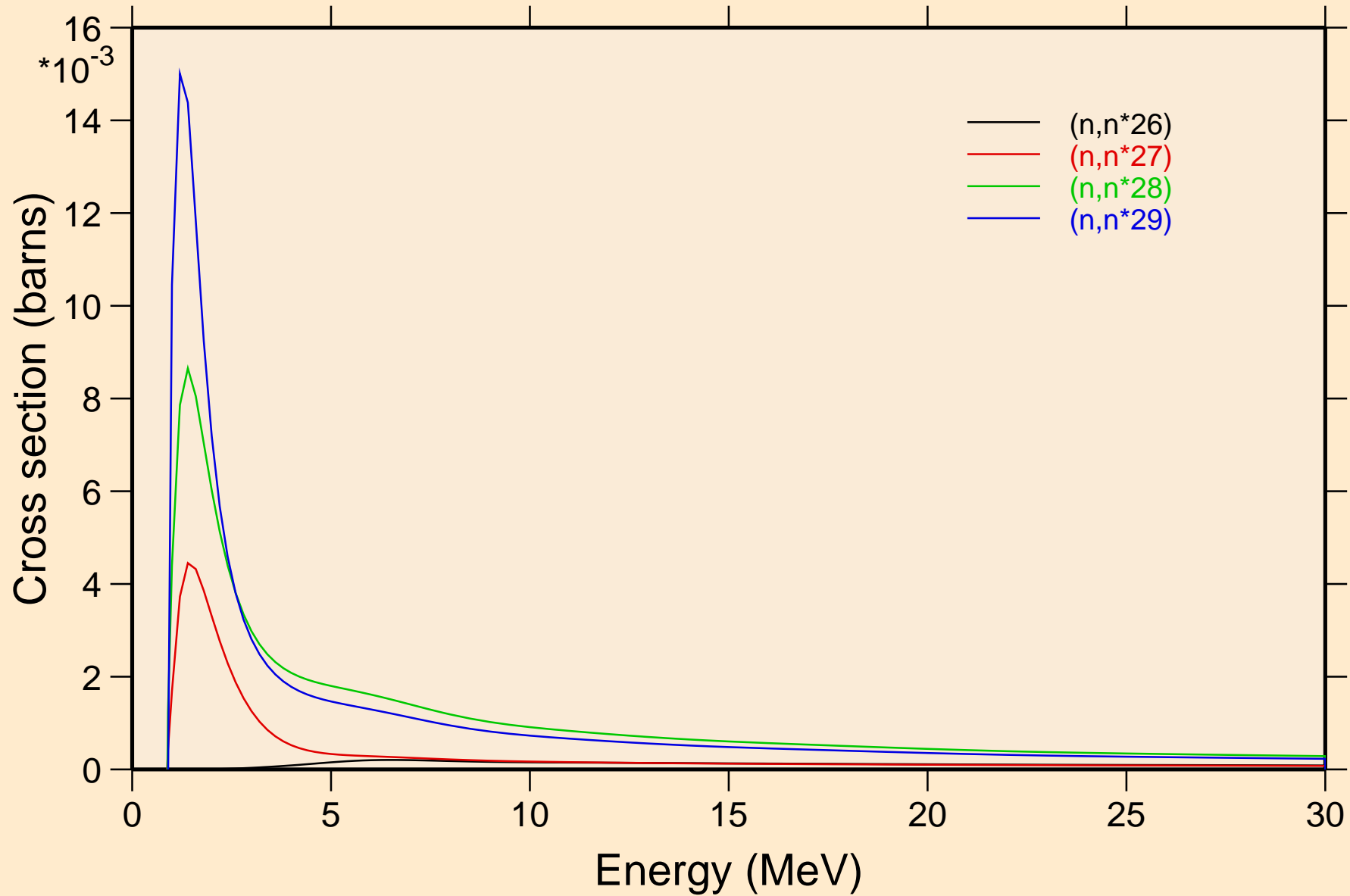




IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

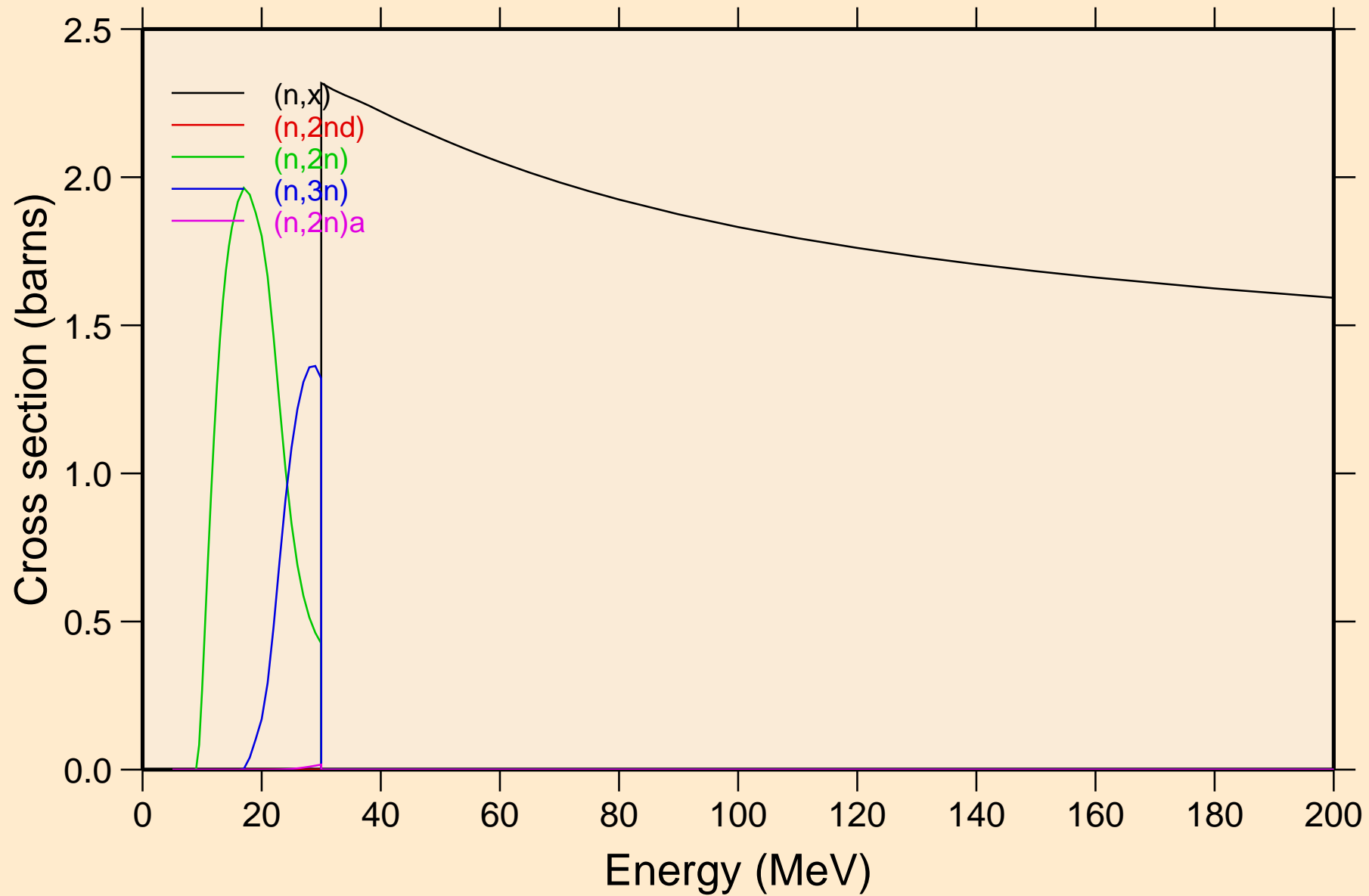


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

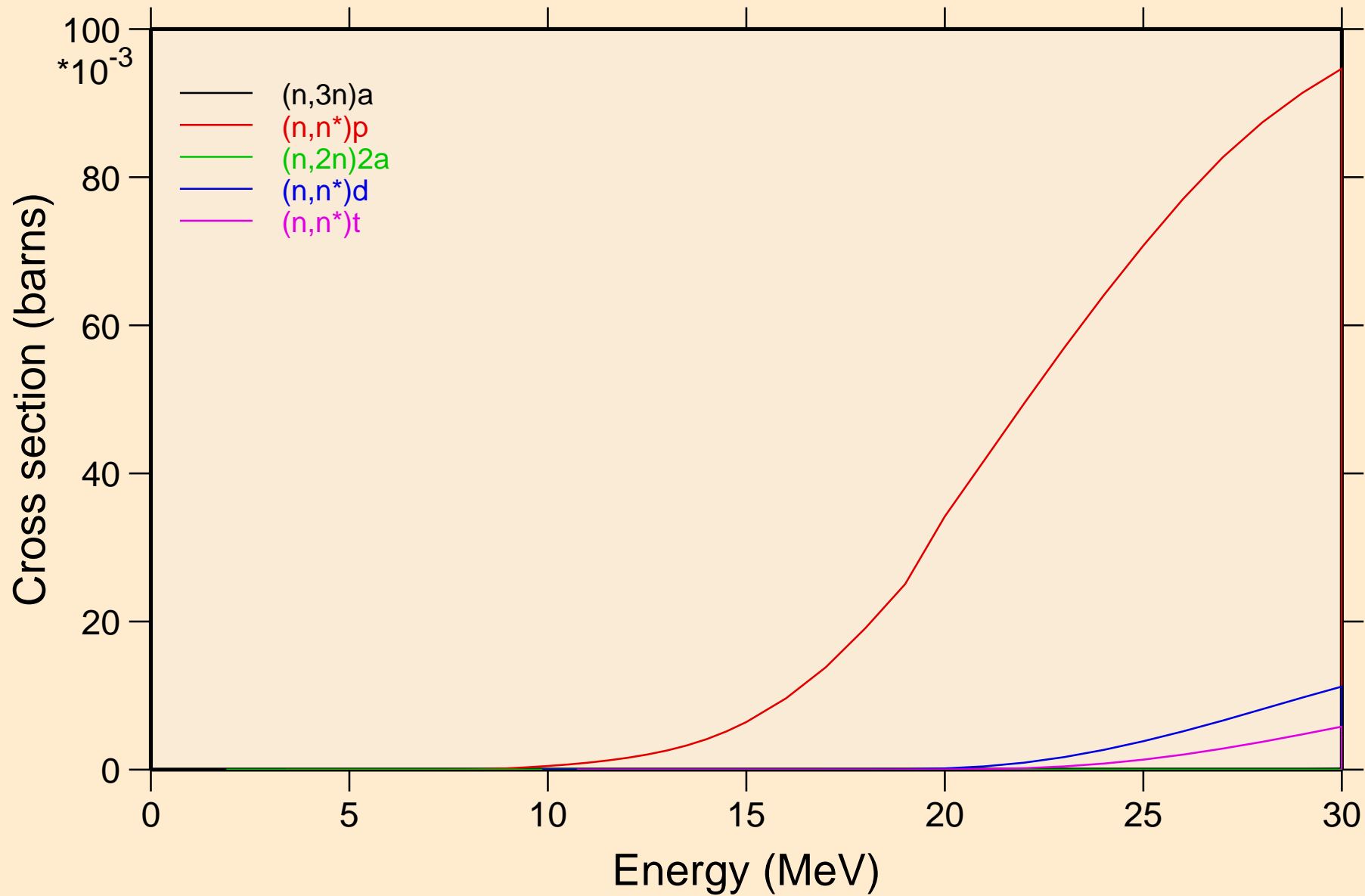


# IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

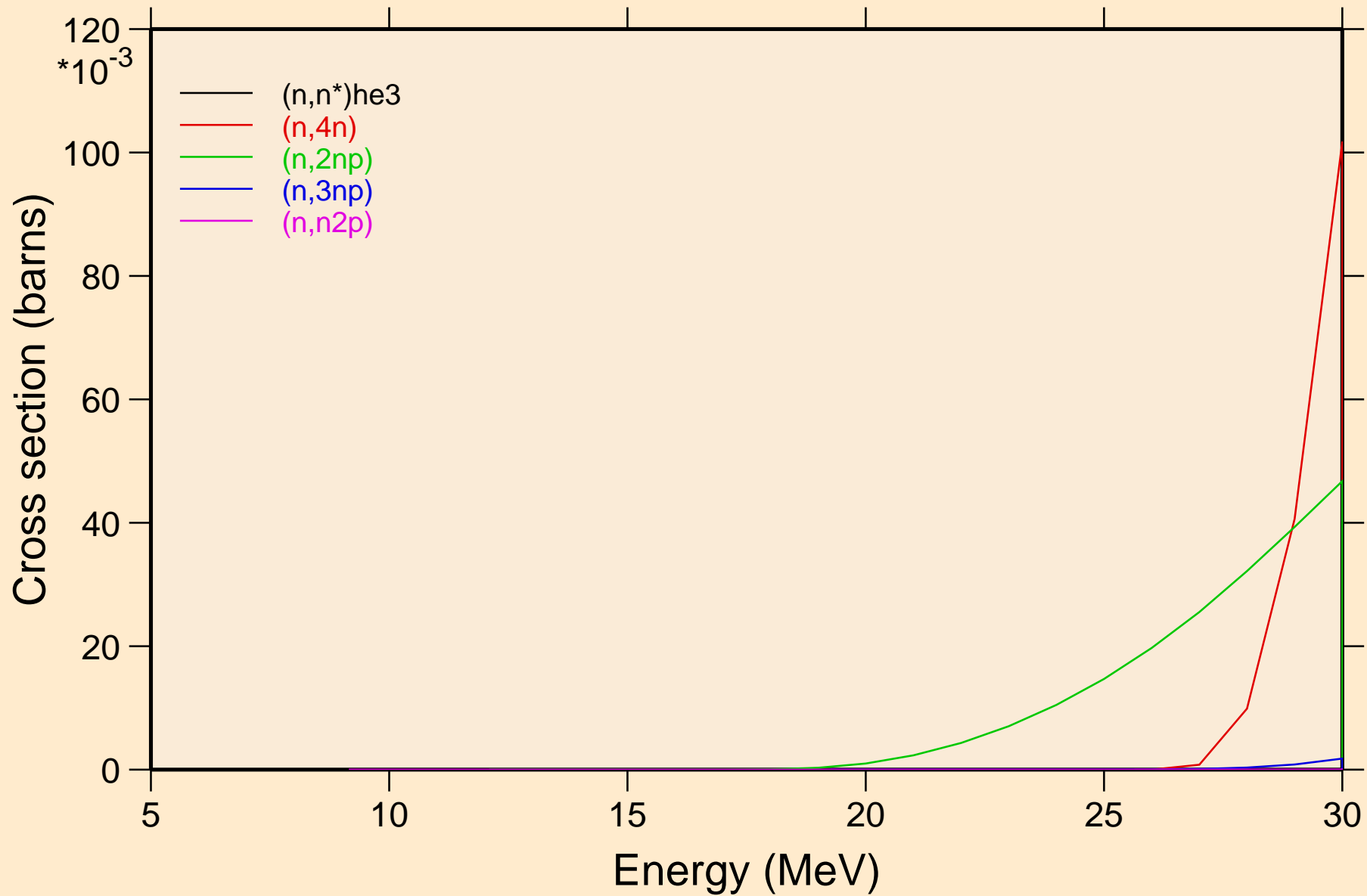


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

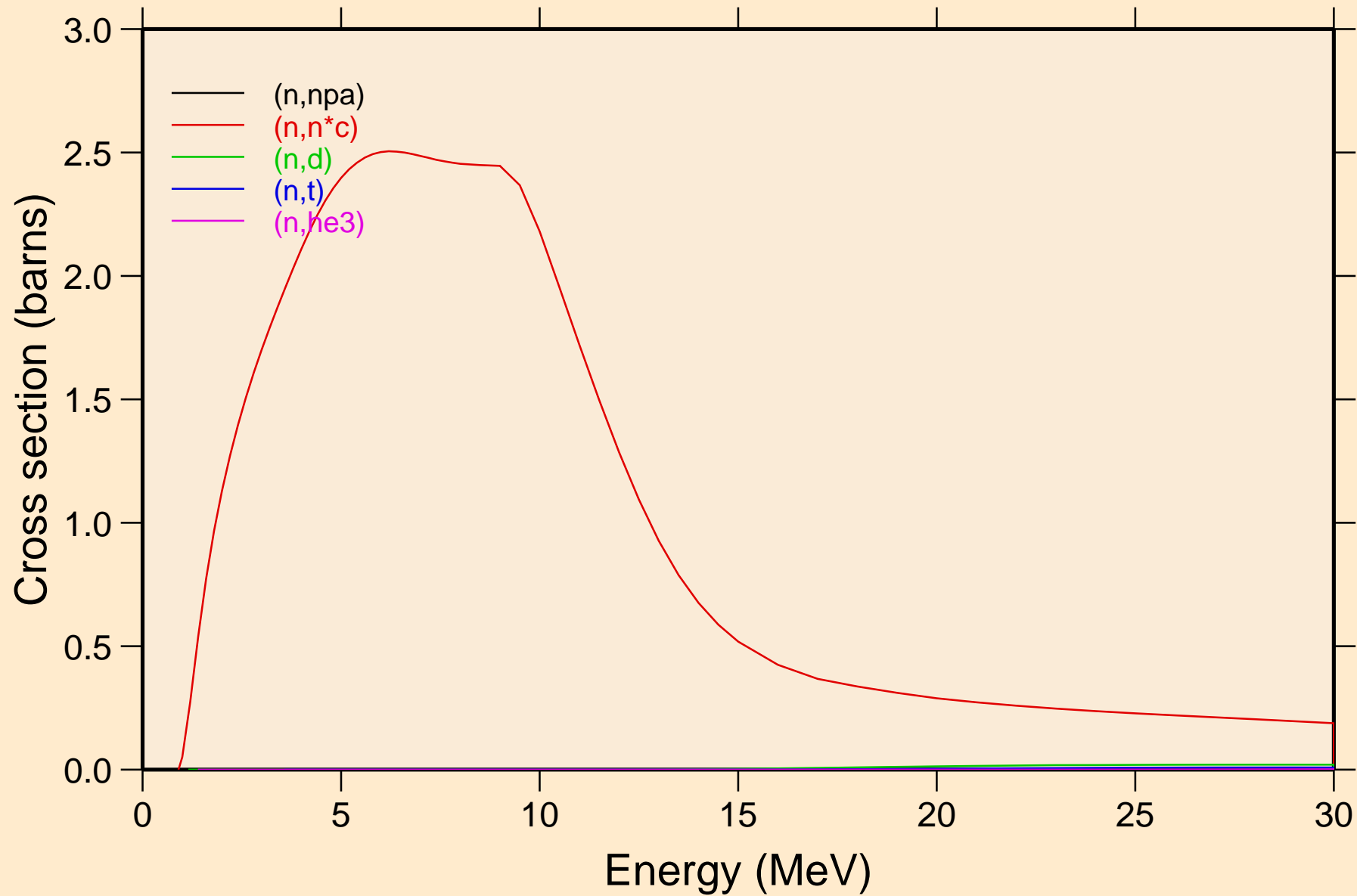


# IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

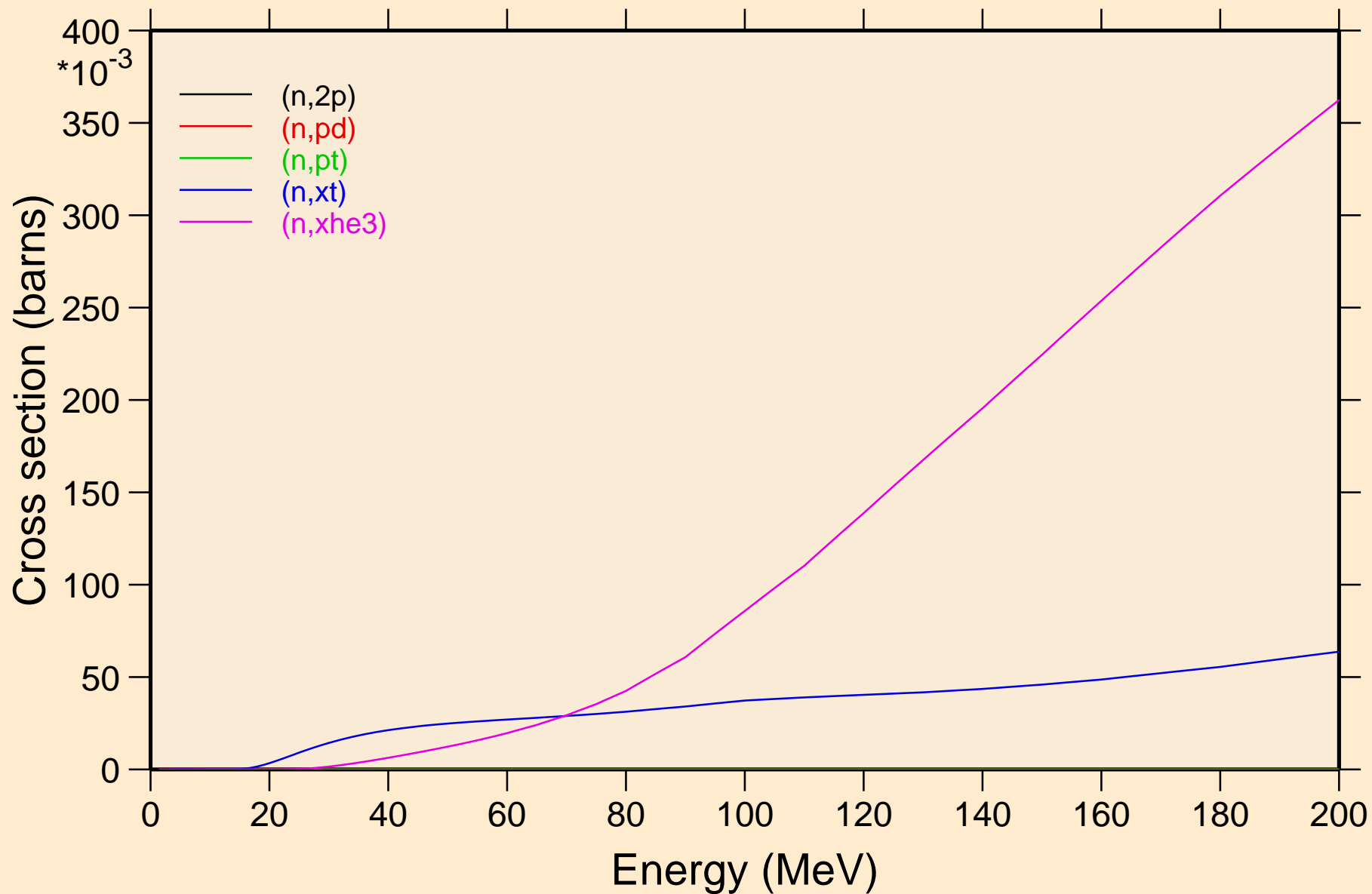


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

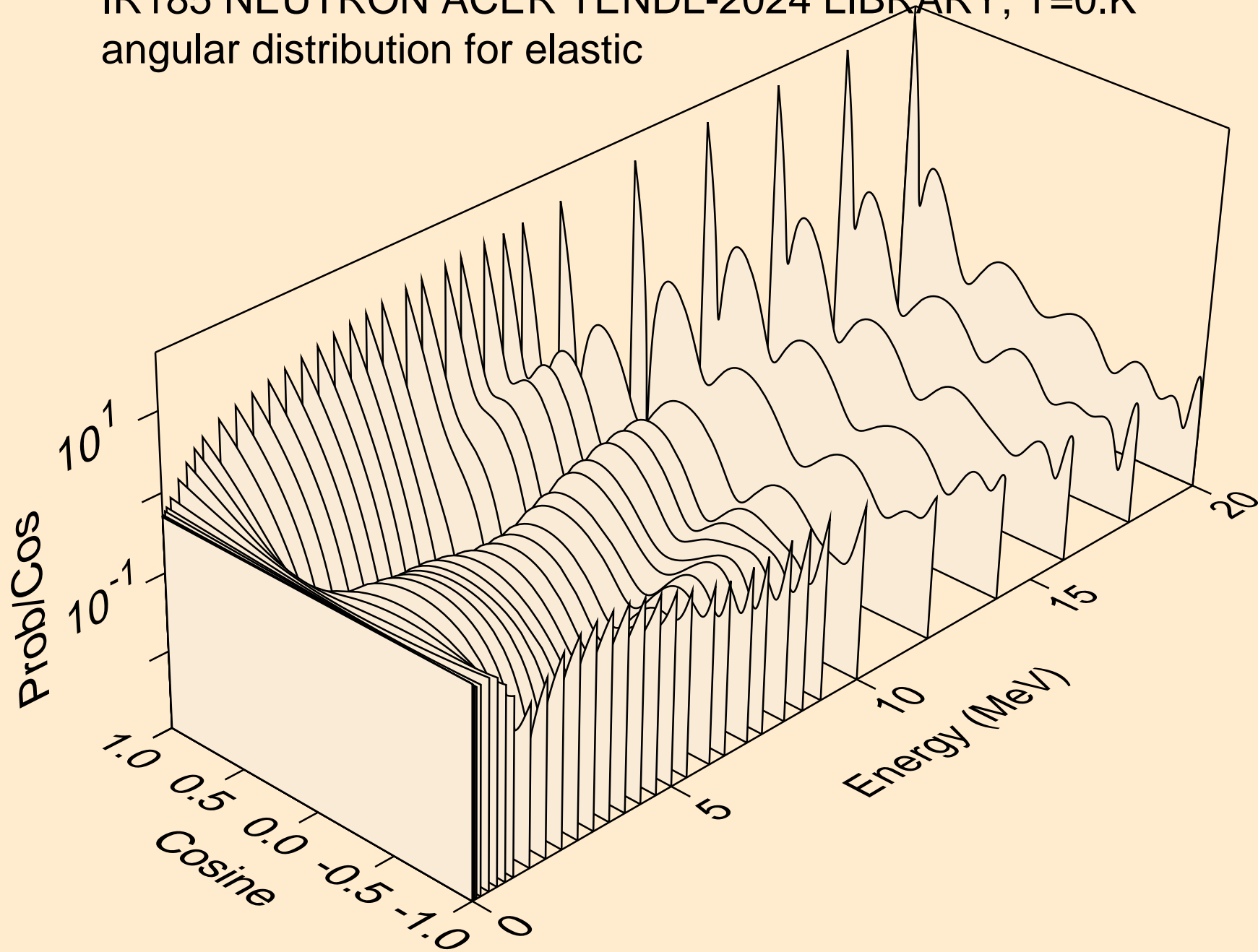


# IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

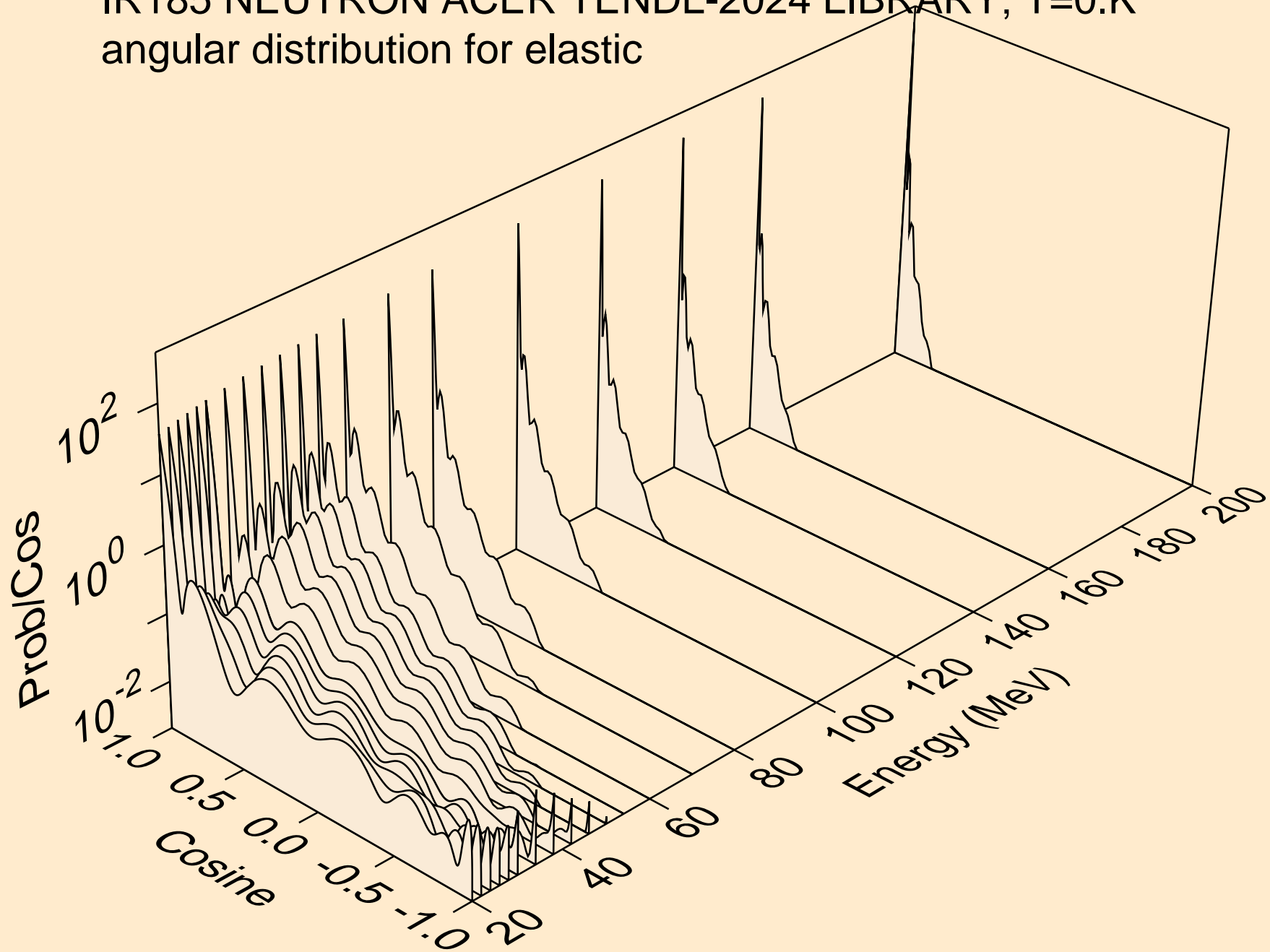


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

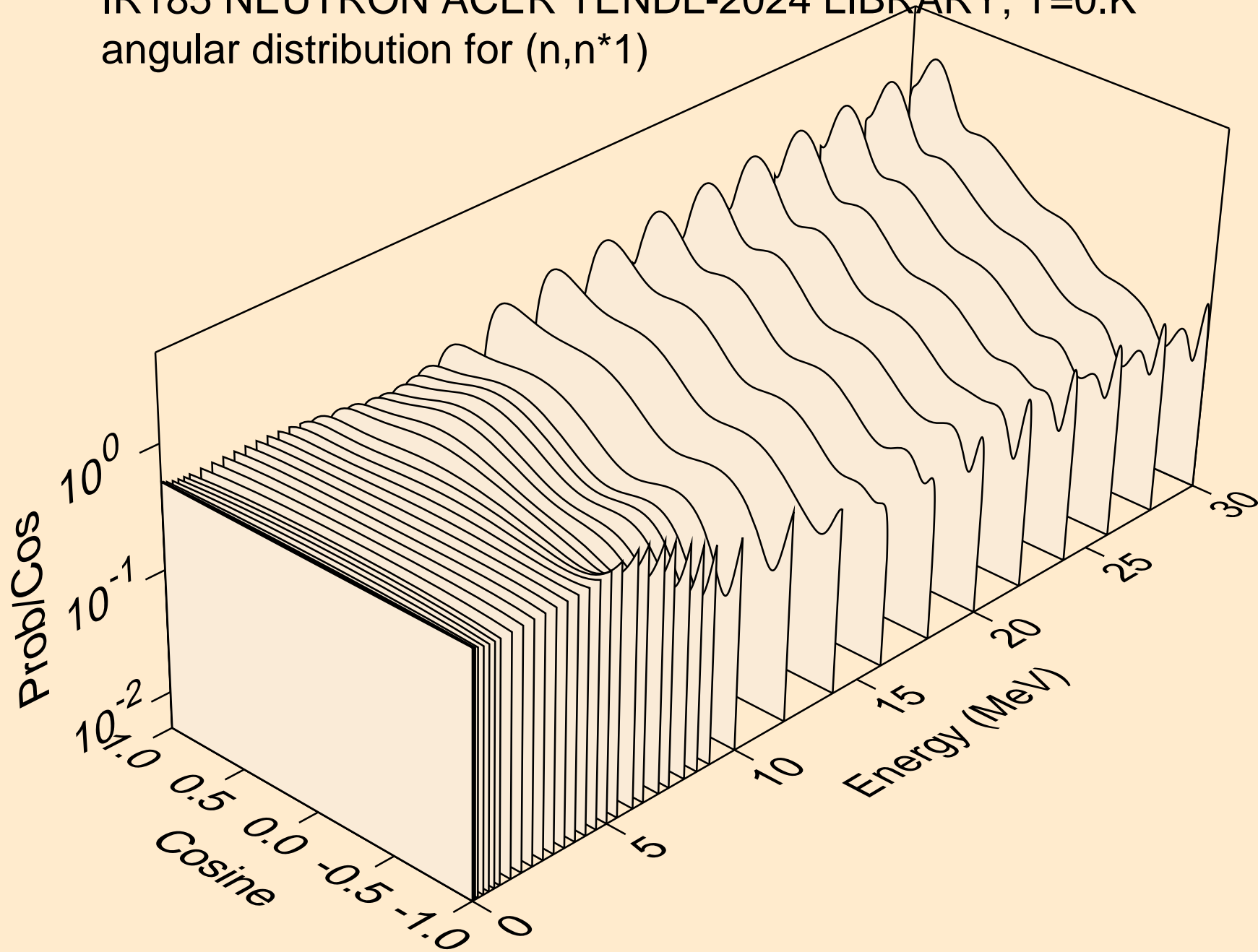




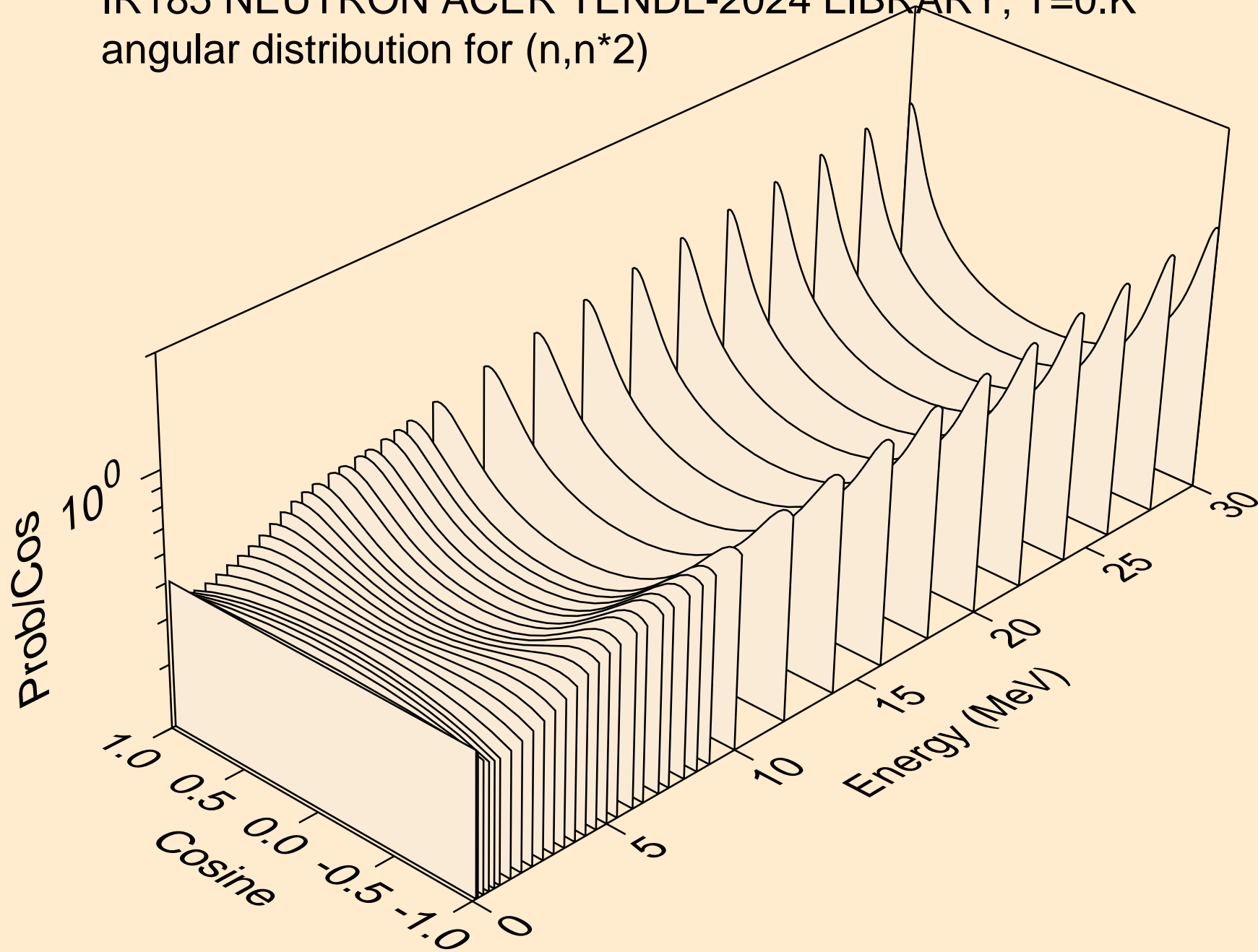
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



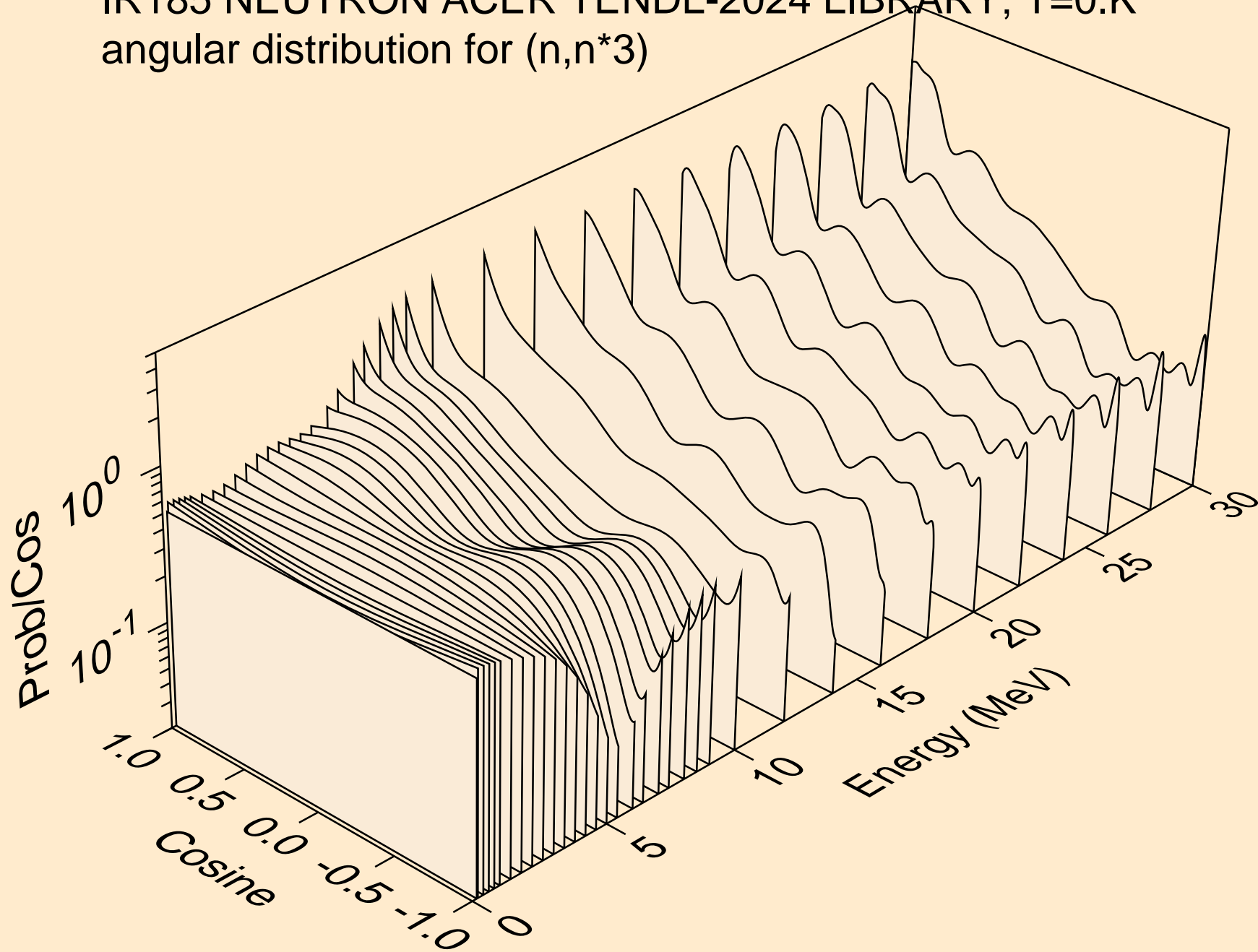
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



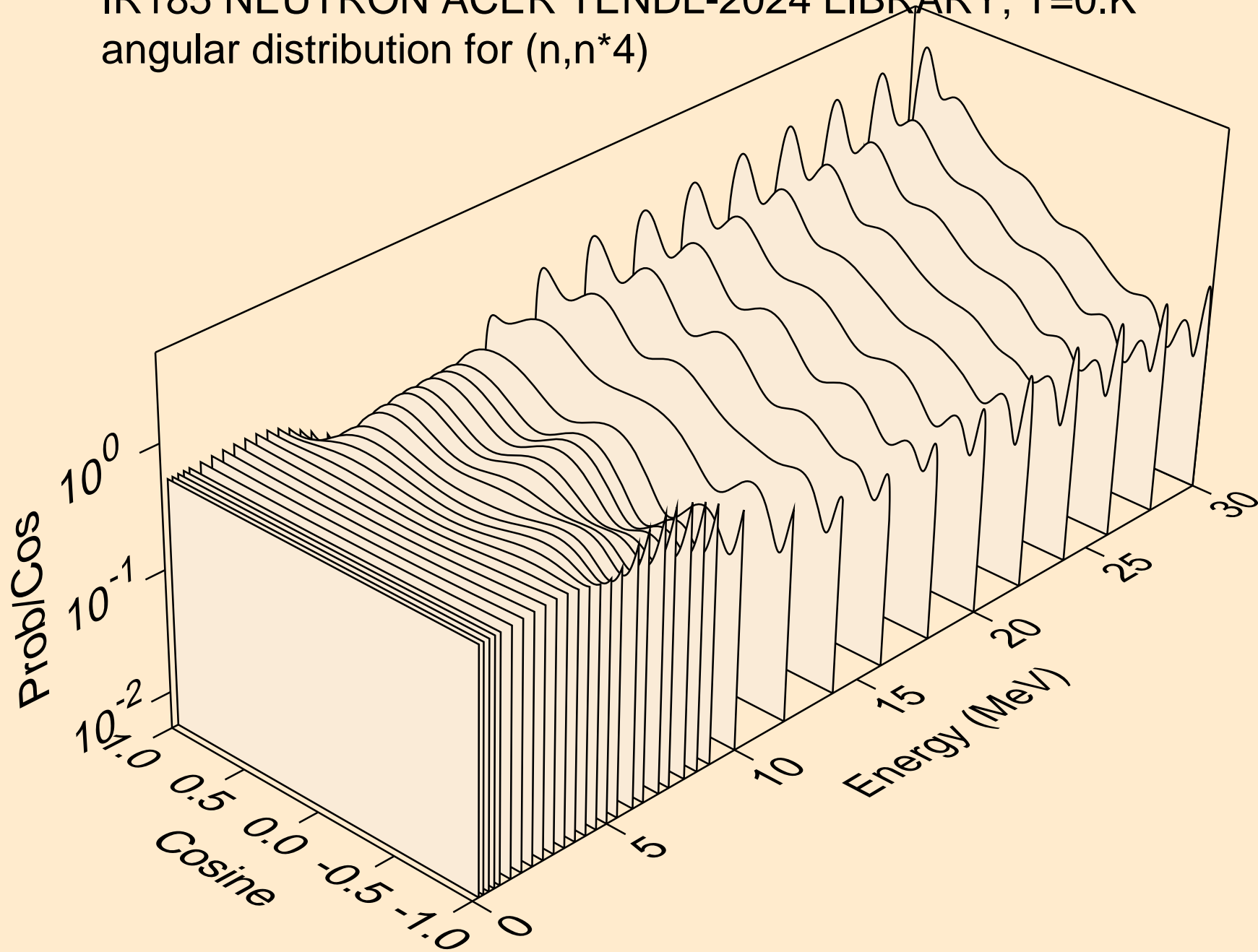
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angular distribution for (n,n\*2)



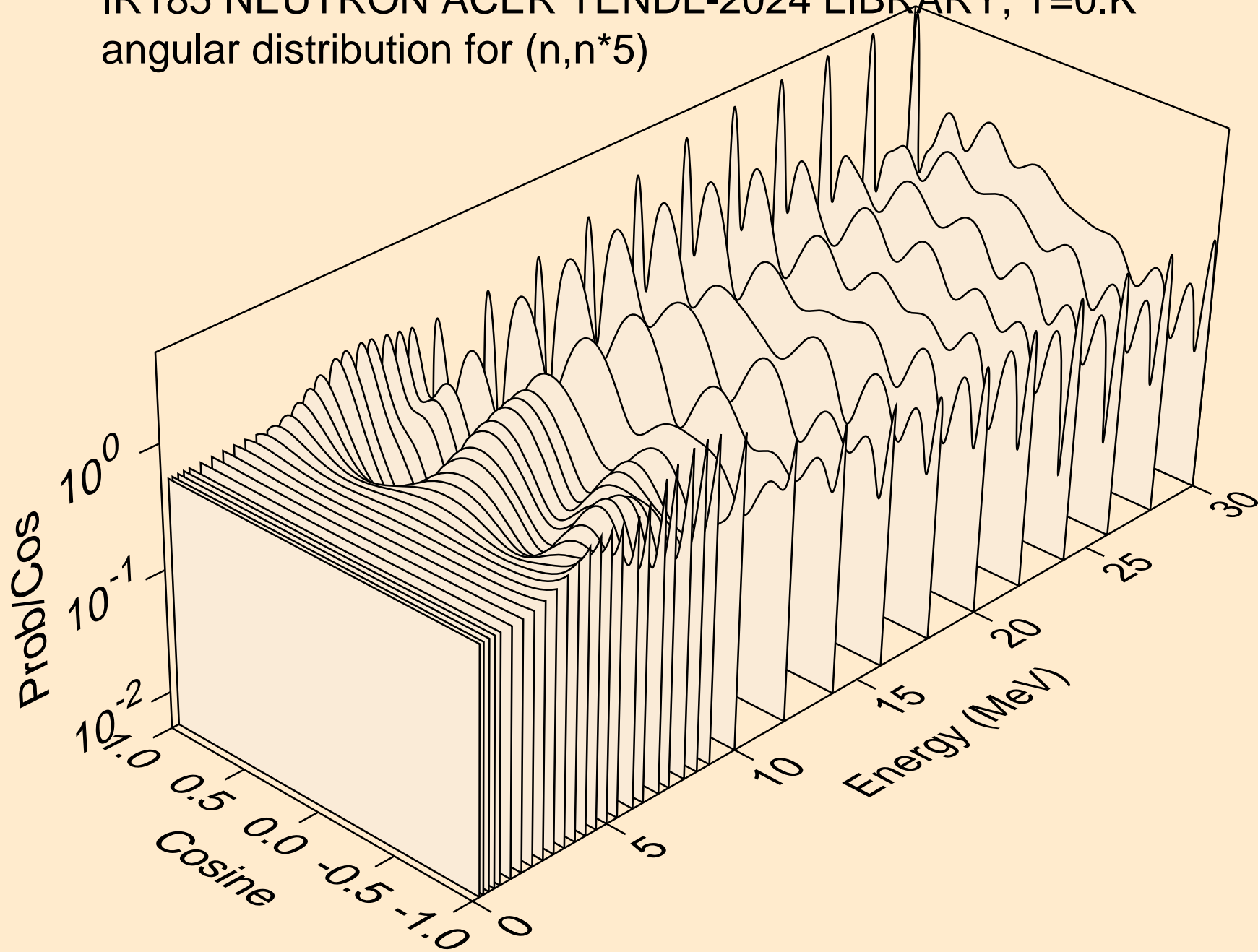
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angular distribution for (n,n\*3)



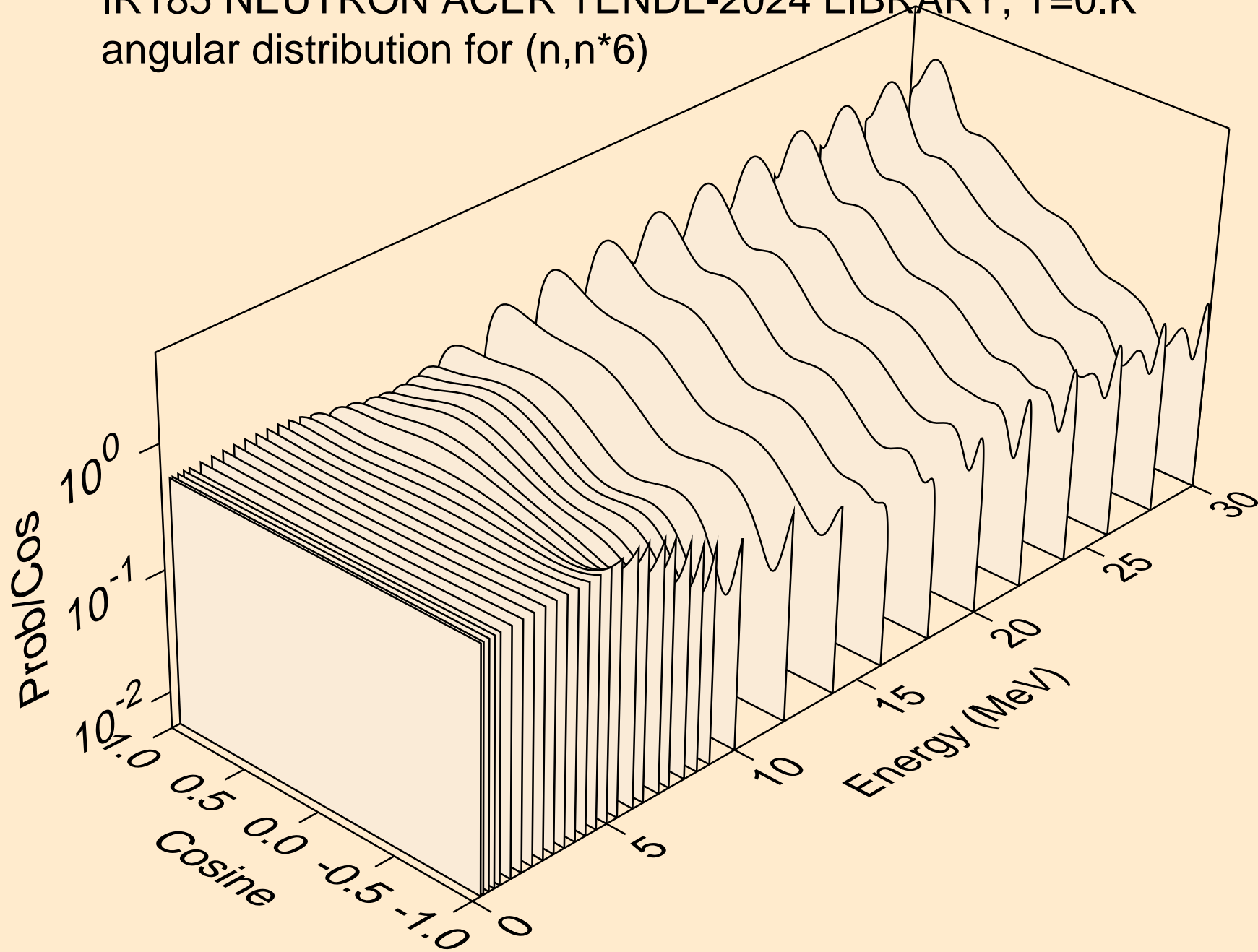
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angular distribution for (n,n\*4)



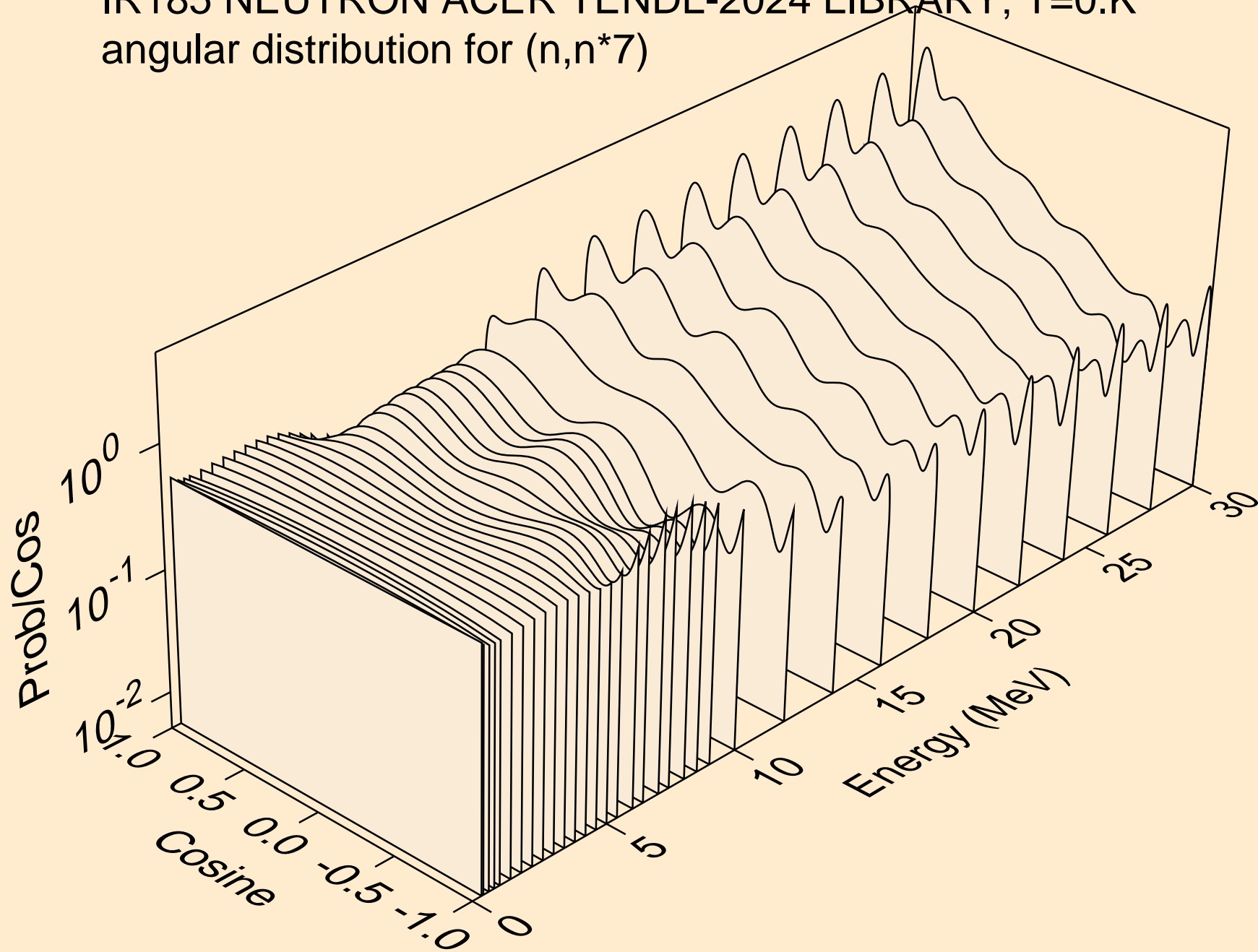
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

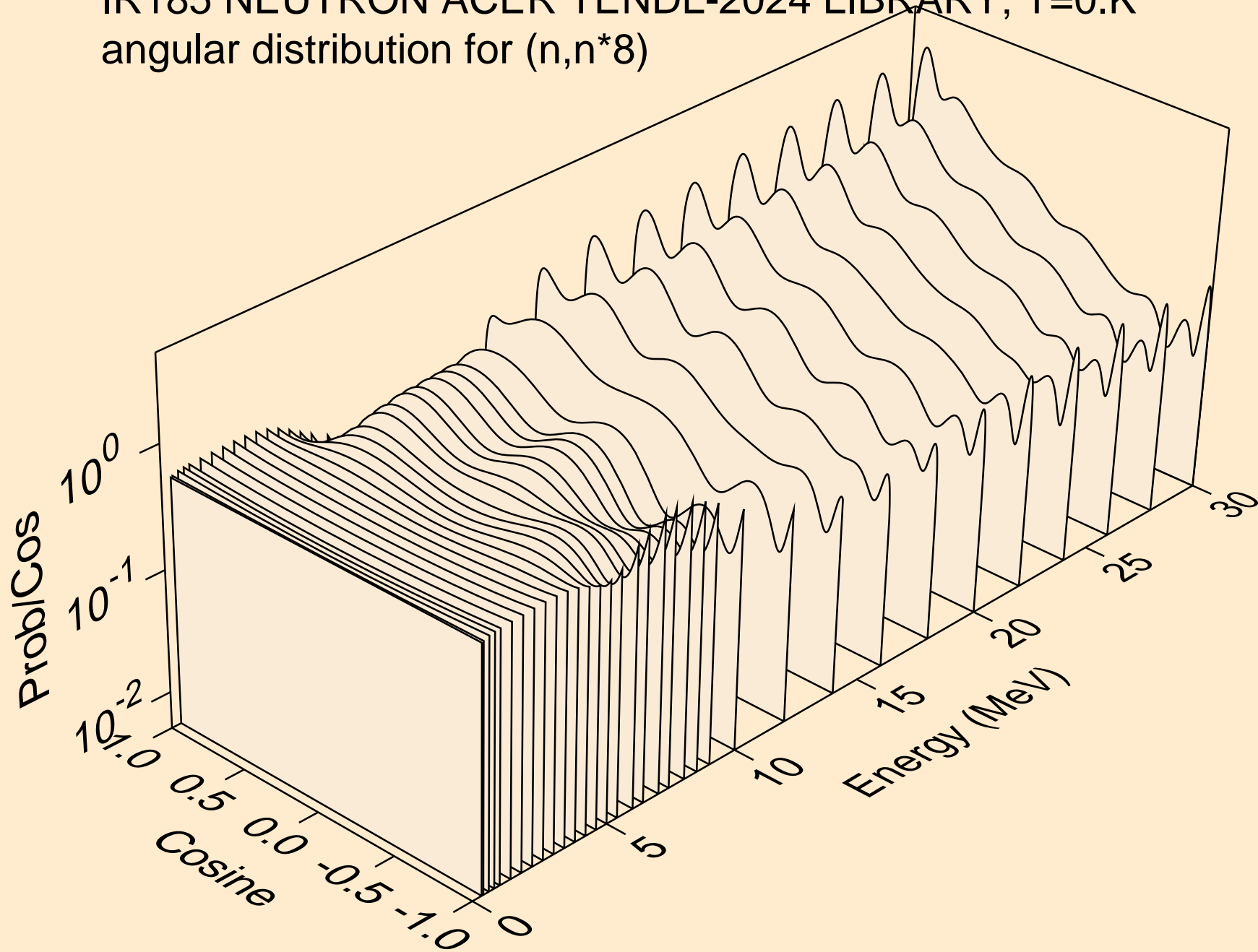


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

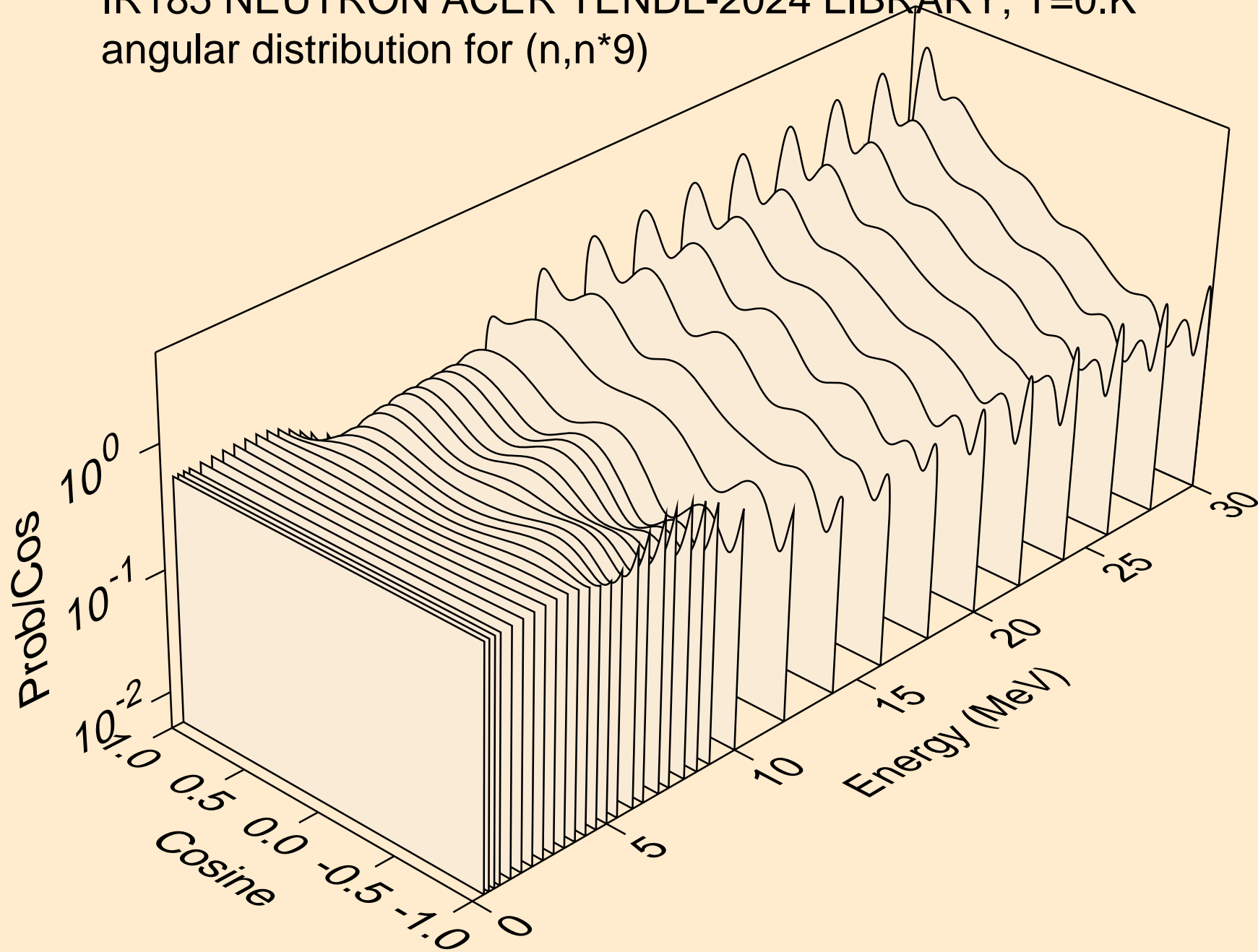




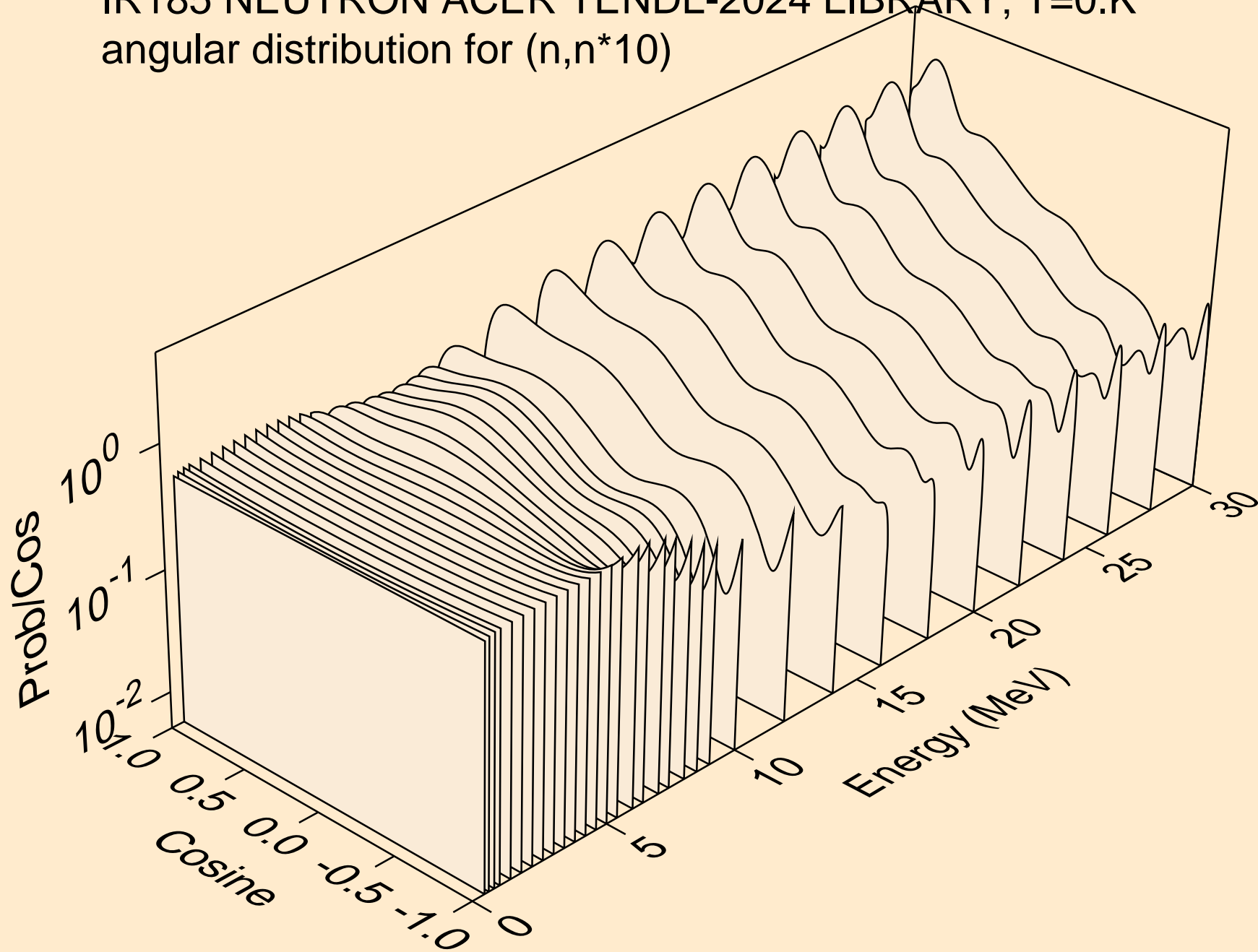
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angular distribution for (n,n\*8)



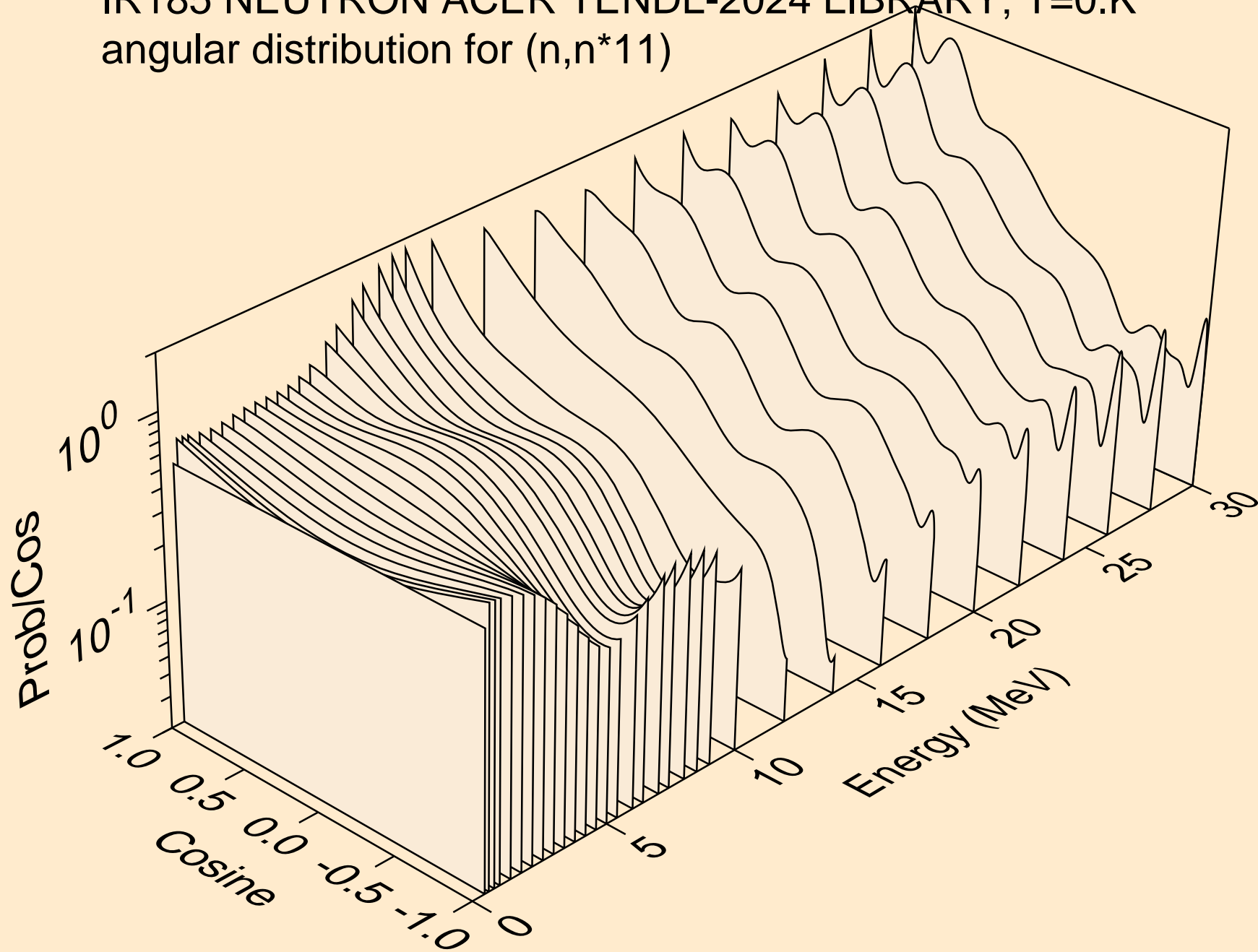
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angular distribution for (n,n\*9)



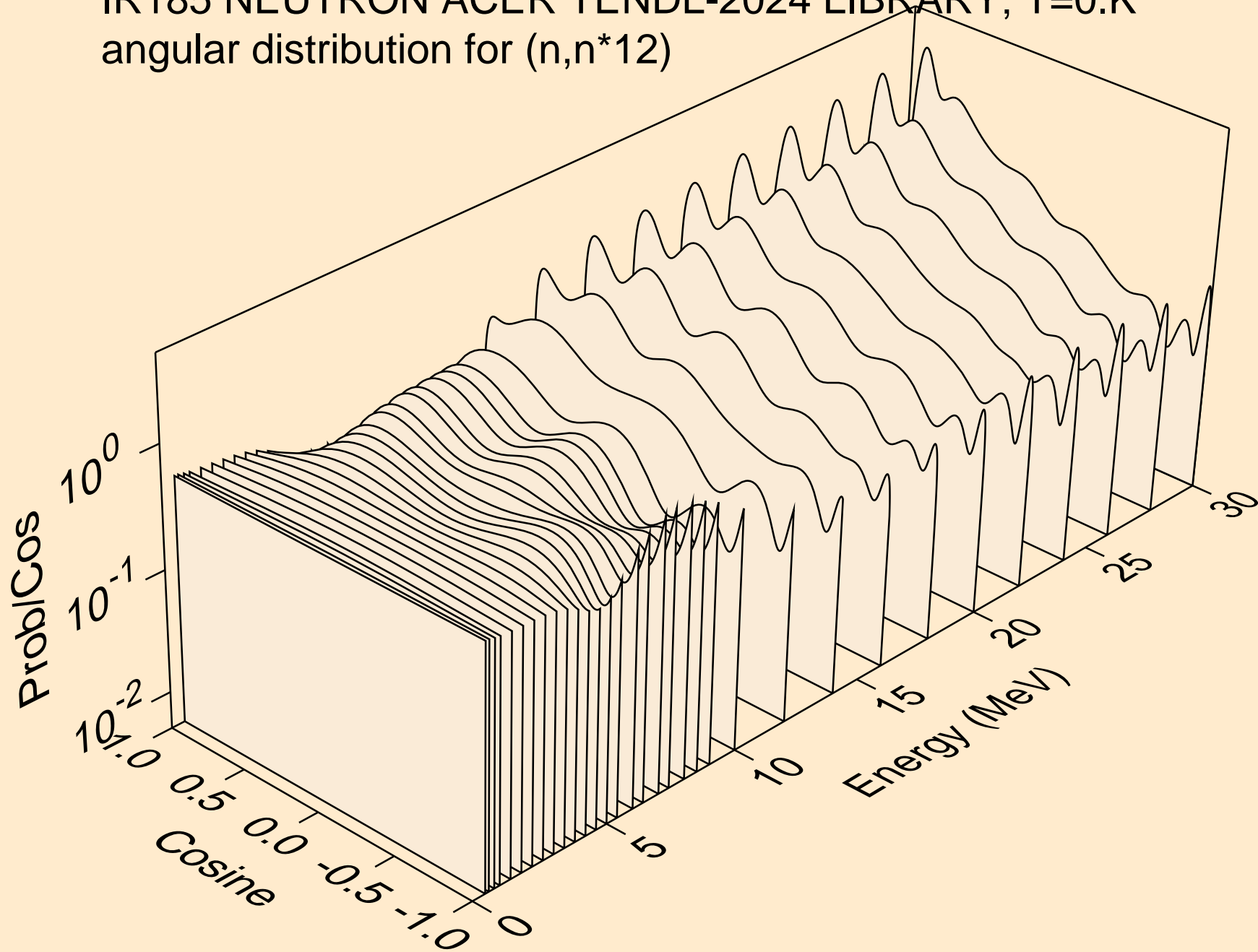
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angular distribution for (n,n\*10)



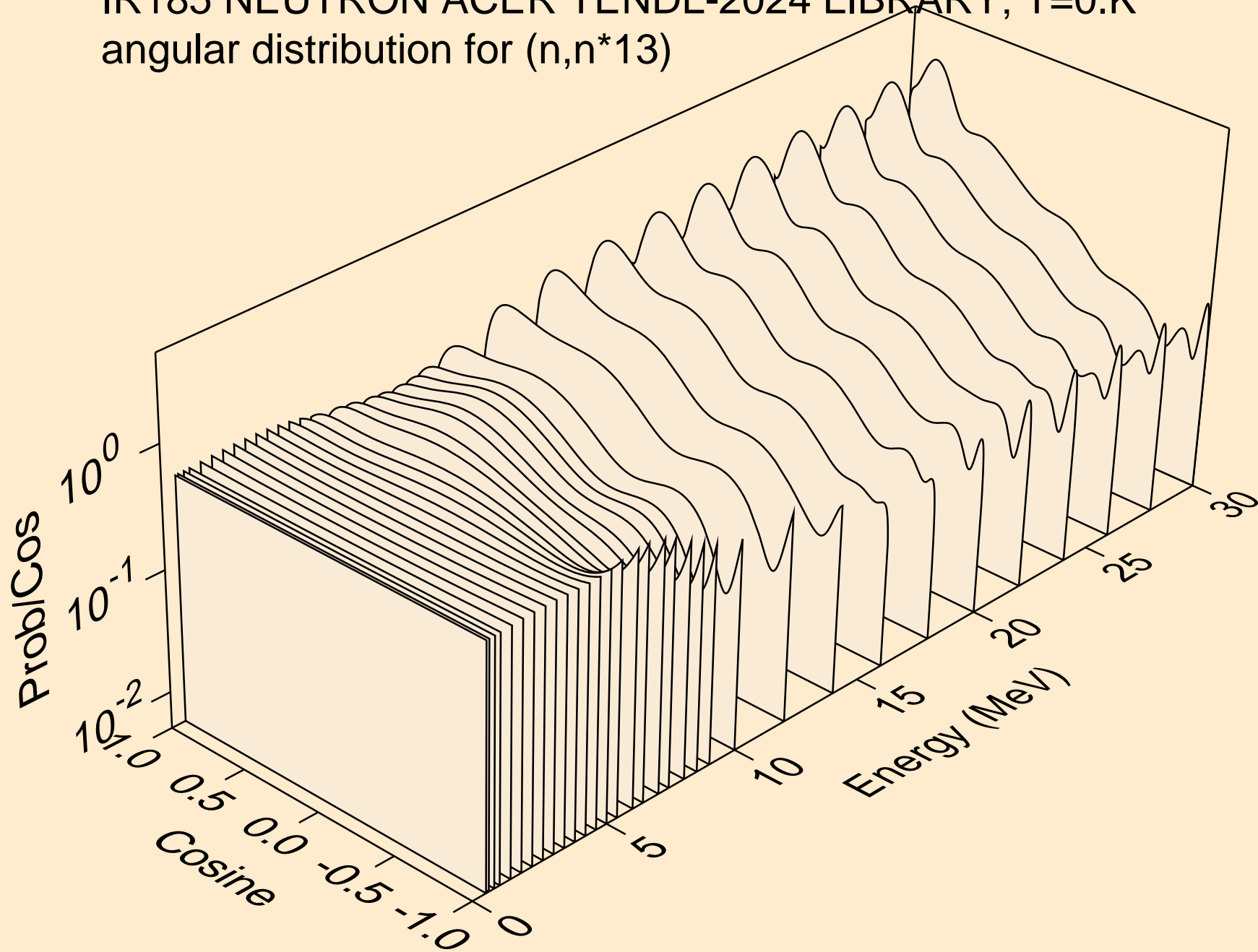
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angular distribution for (n,n\*11)



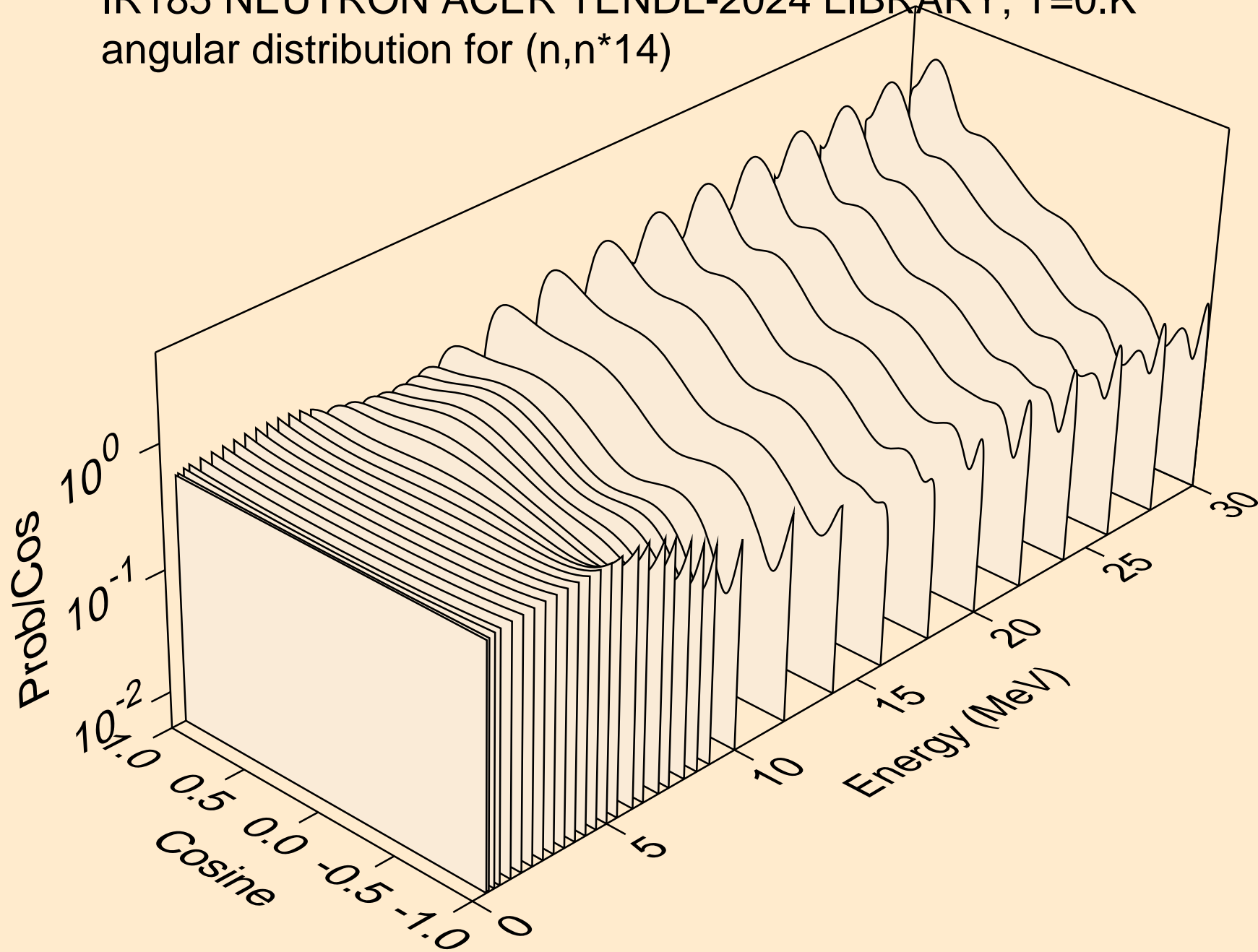
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angular distribution for (n,n\*12)



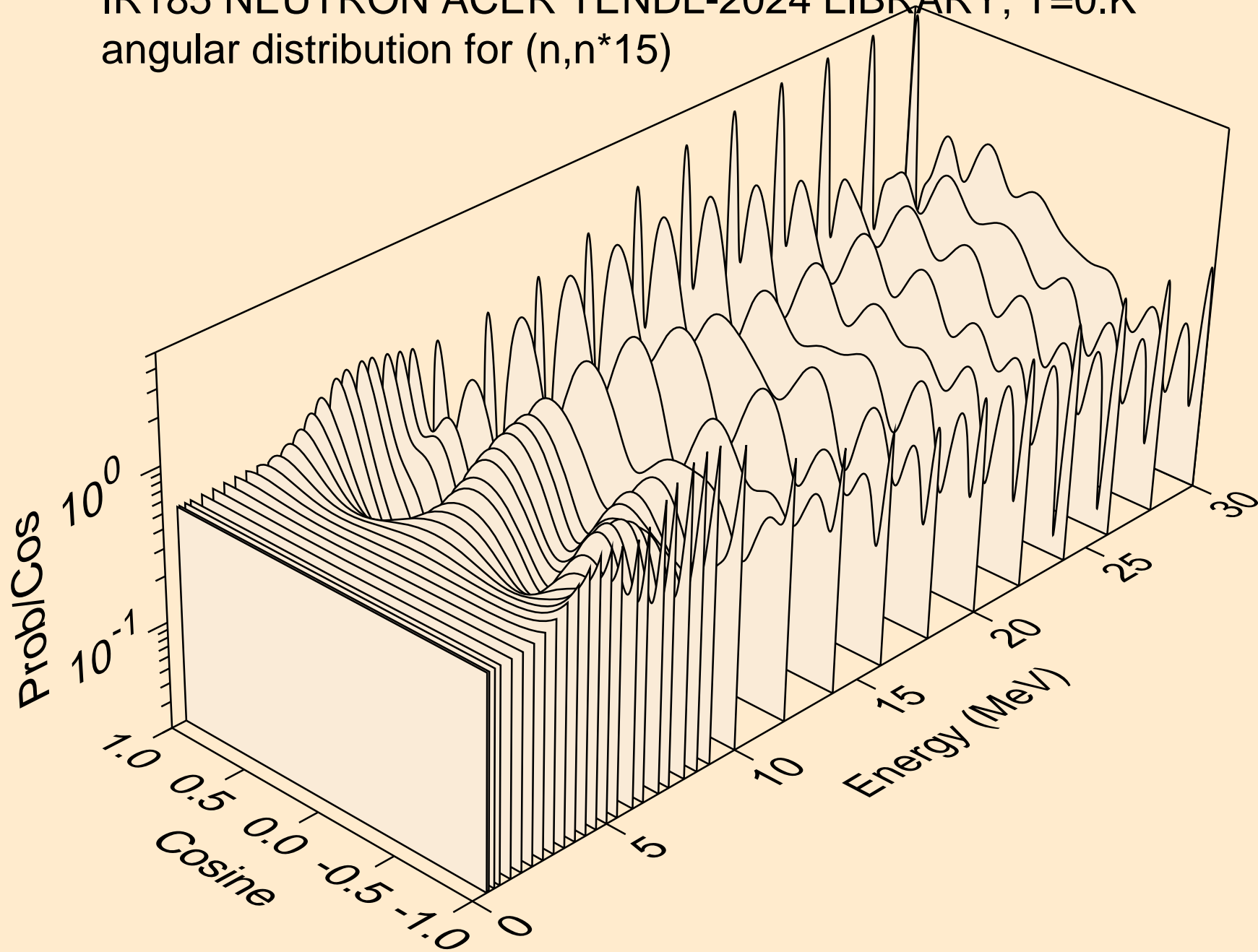
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

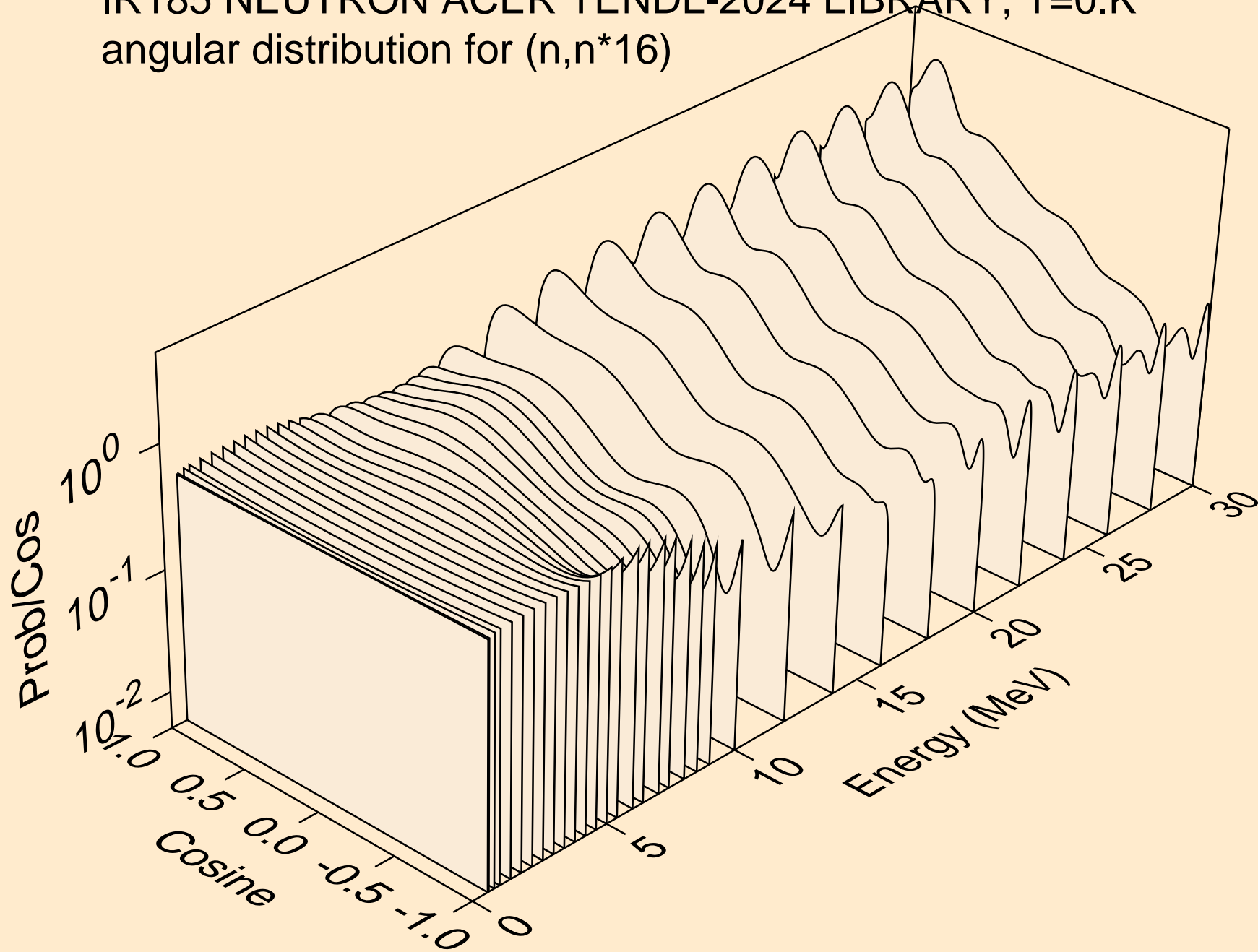


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

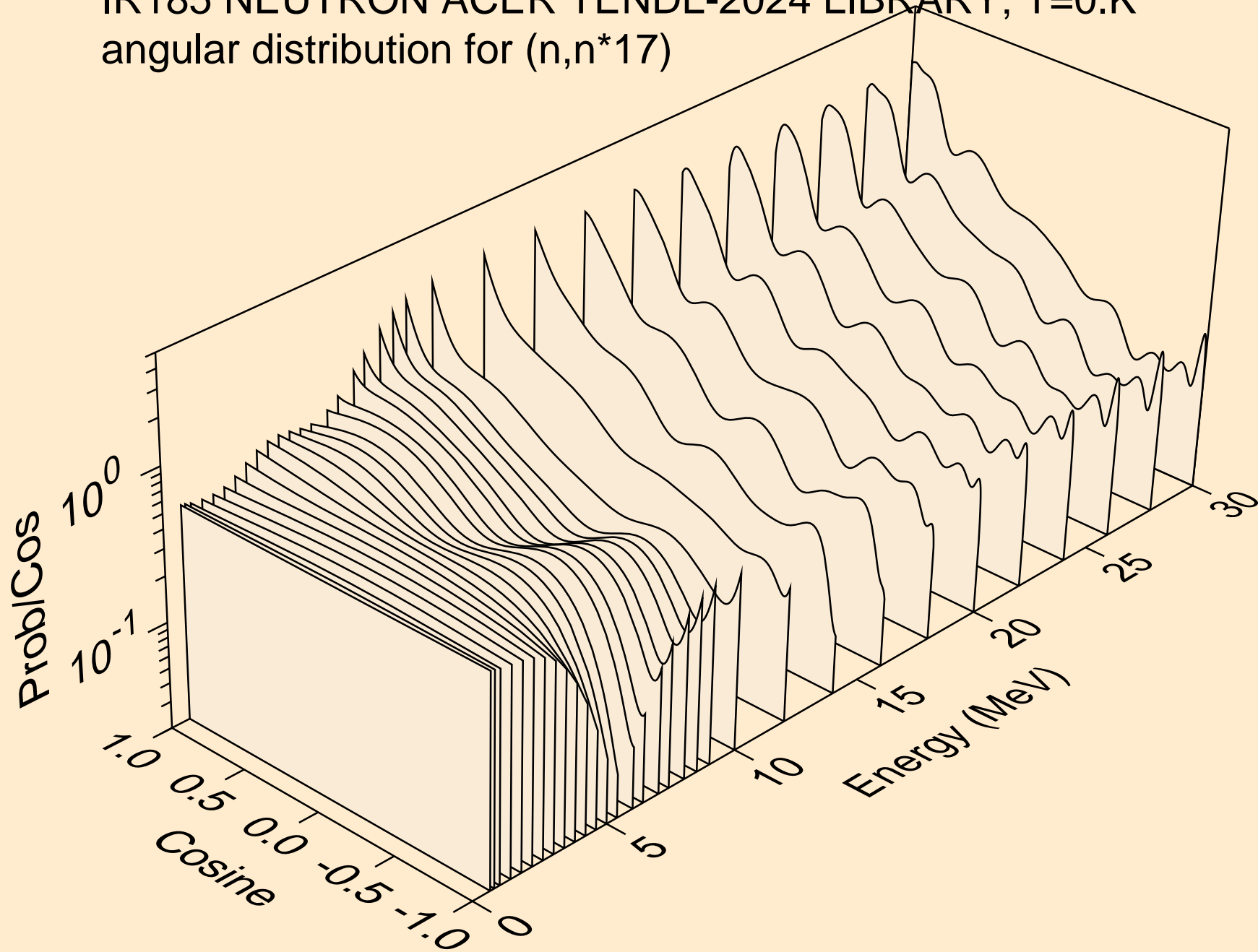




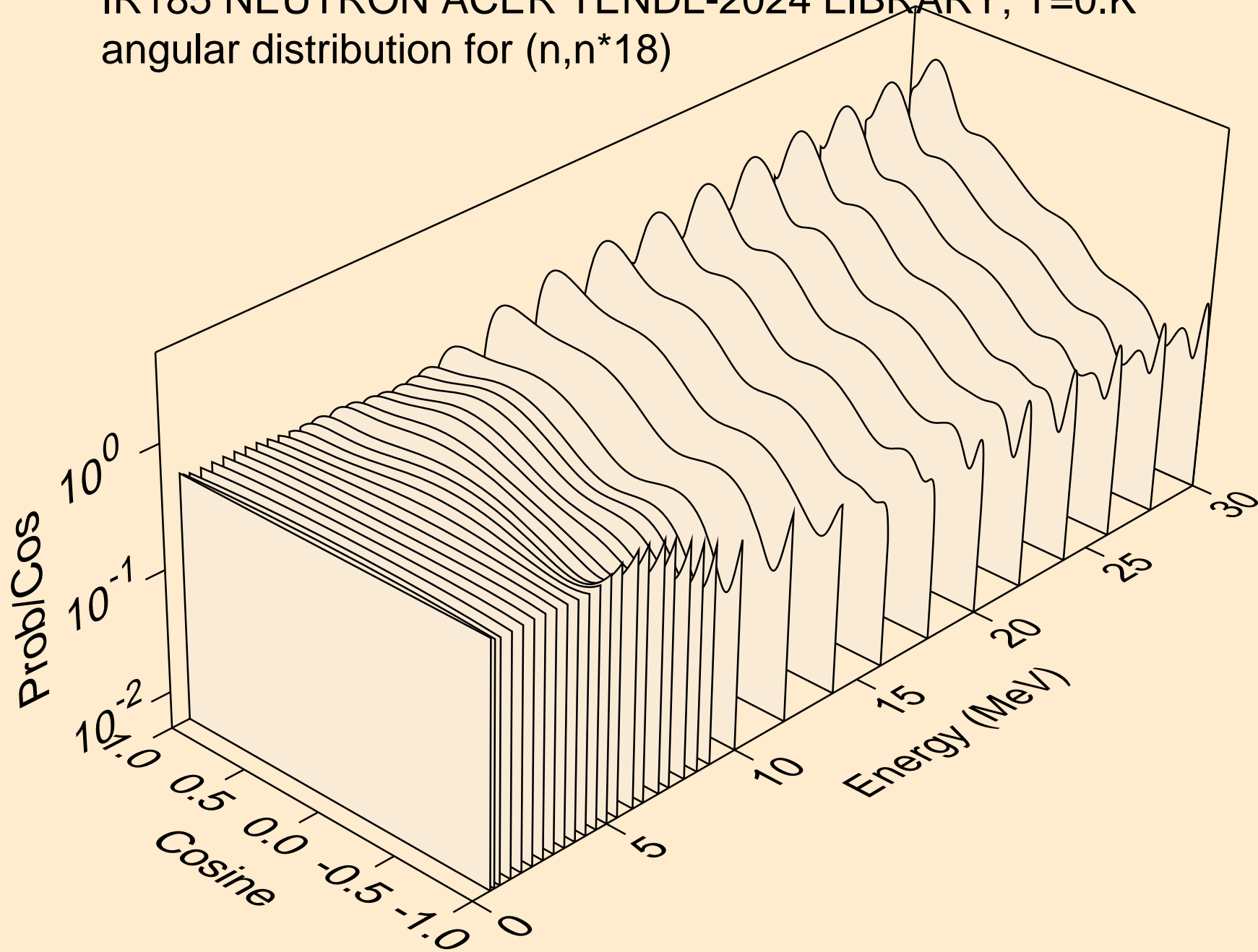
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angular distribution for (n,n\*16)



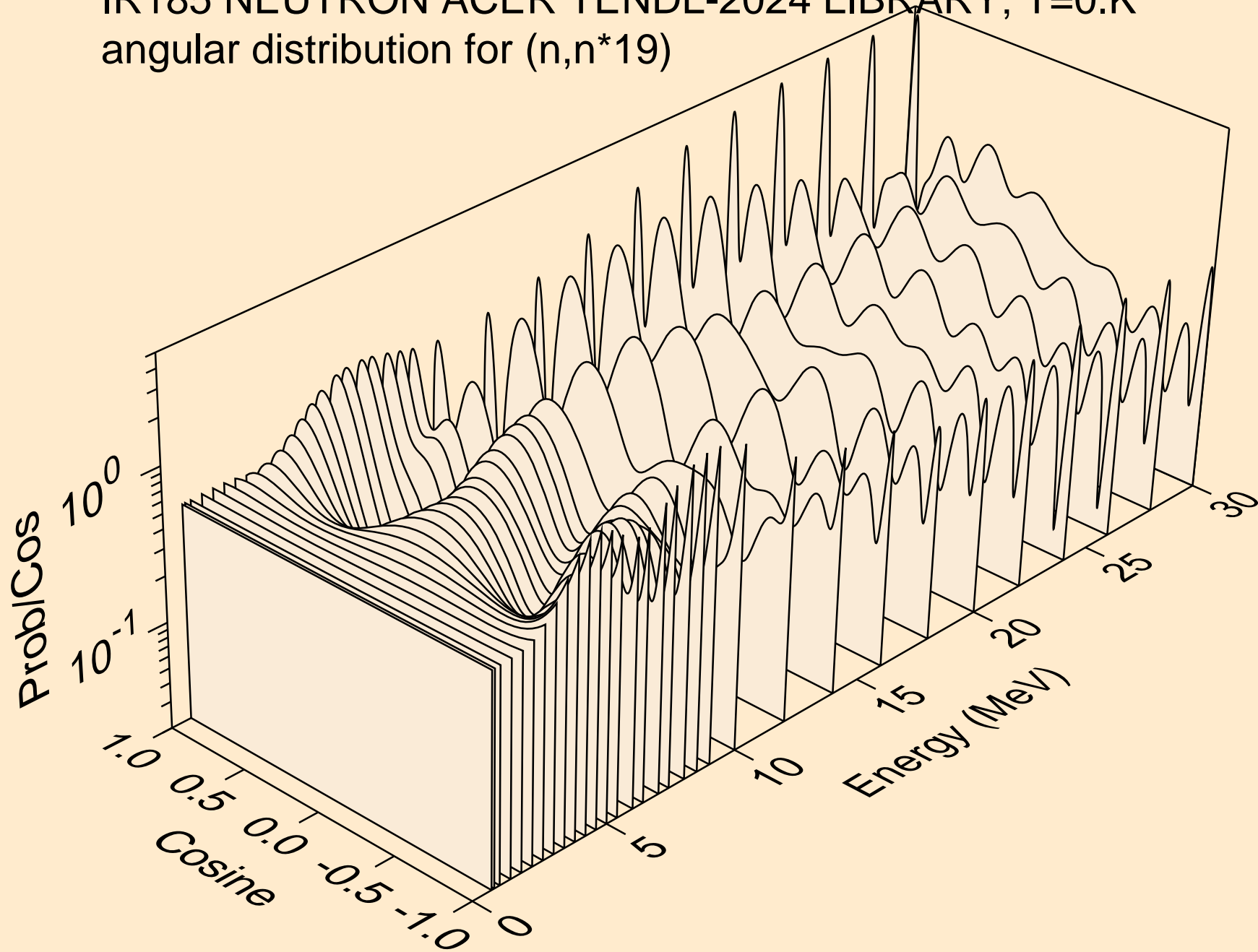
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angular distribution for (n,n\*17)



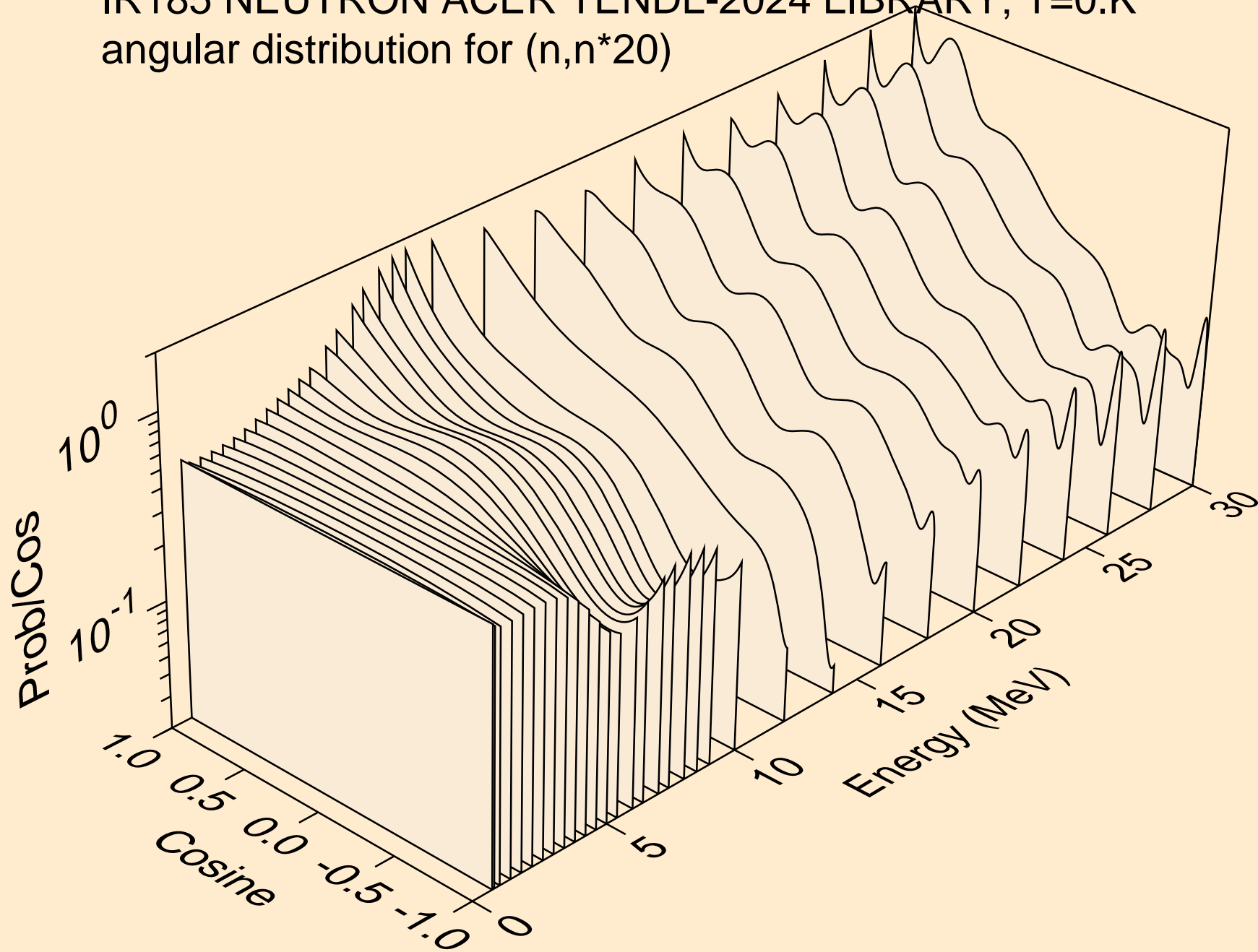
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angular distribution for (n,n\*18)



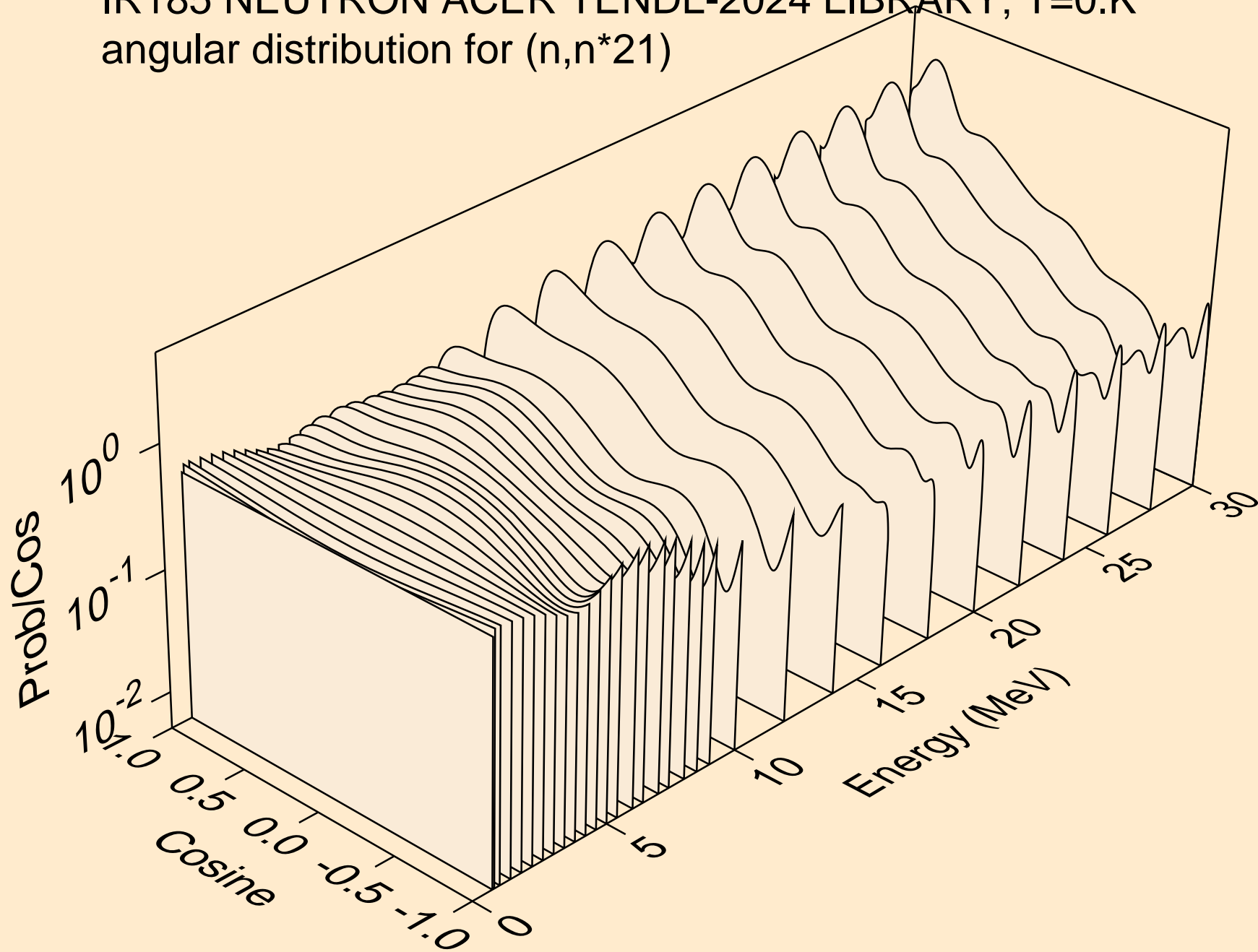
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angular distribution for (n,n\*19)



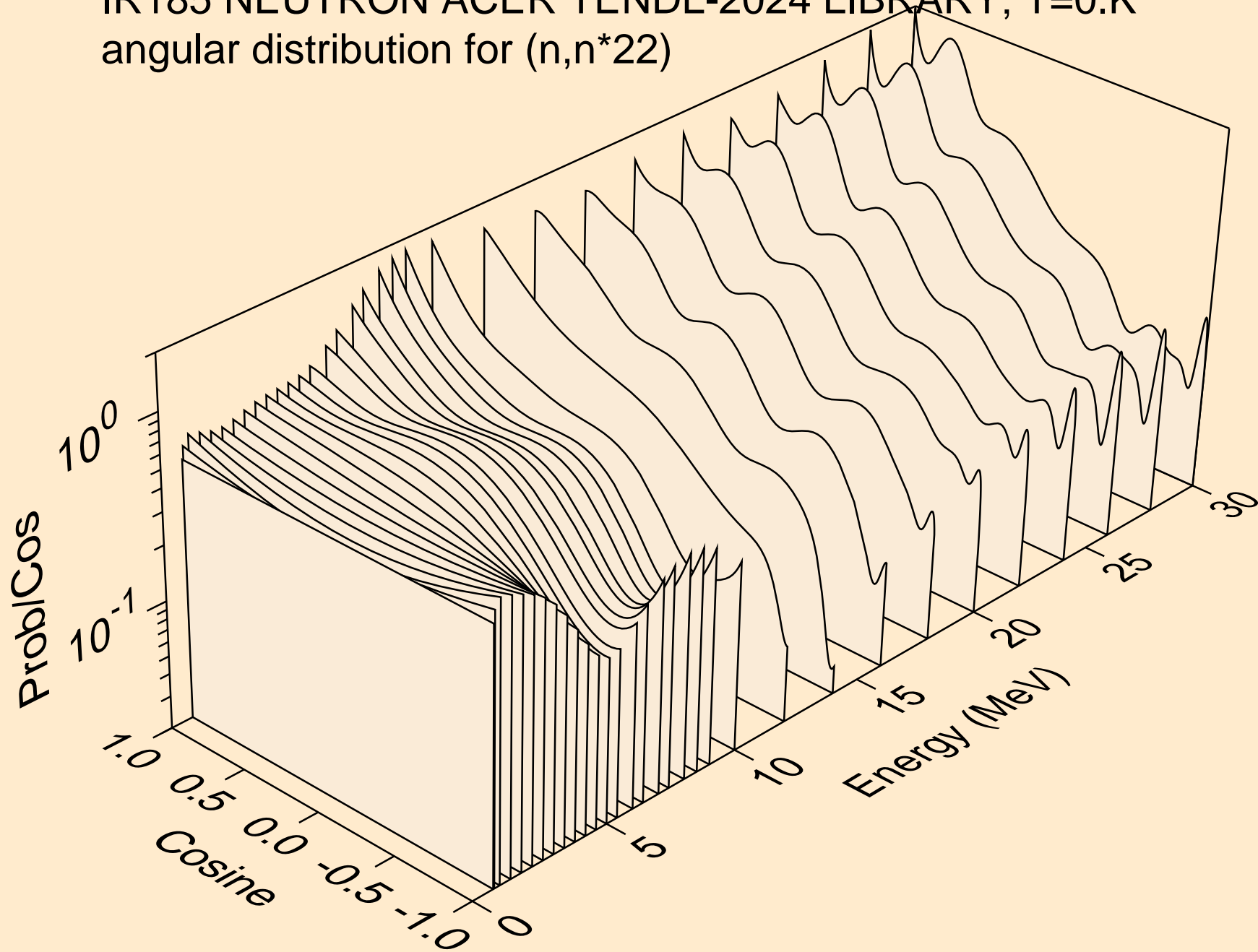
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angular distribution for (n,n\*20)



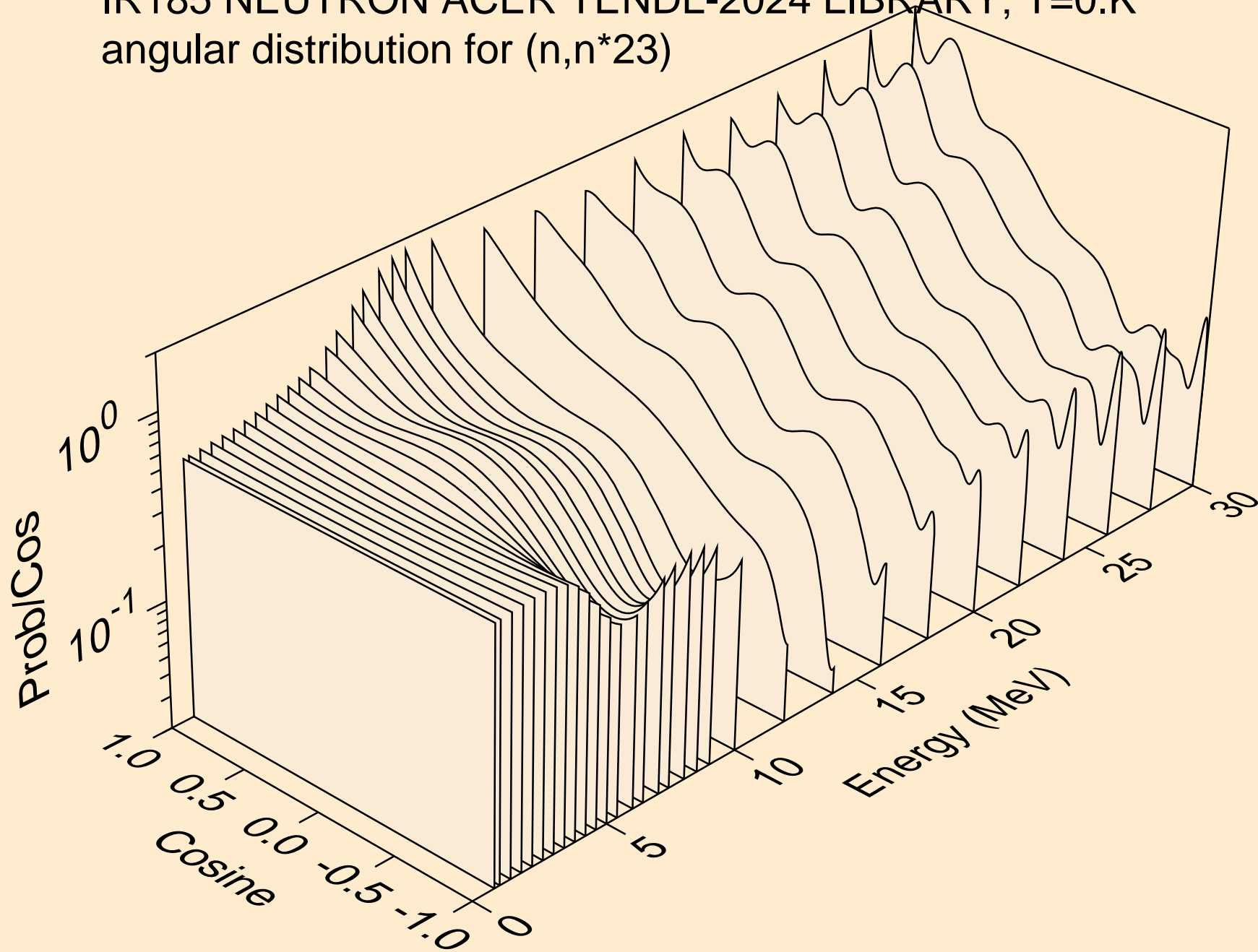
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

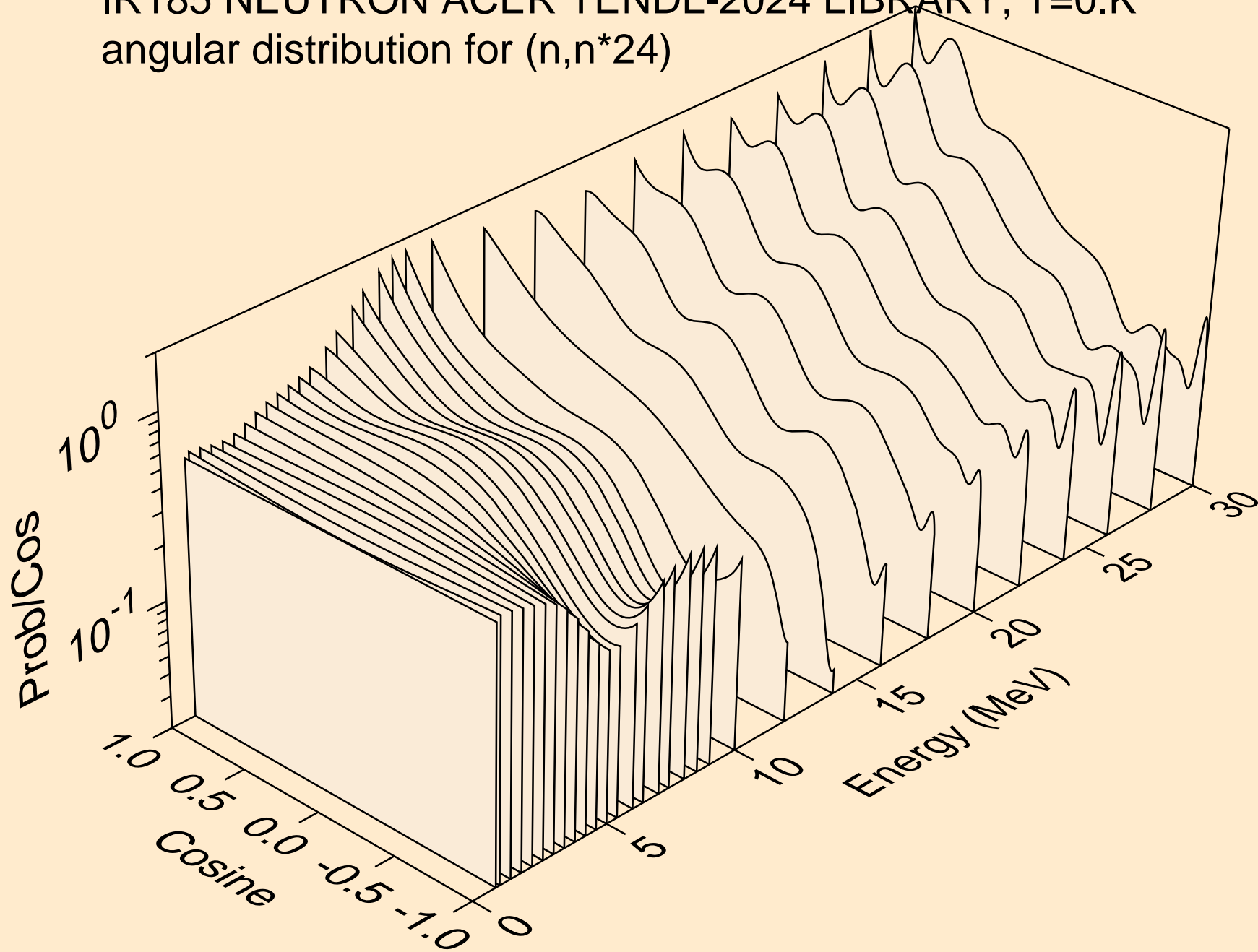


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

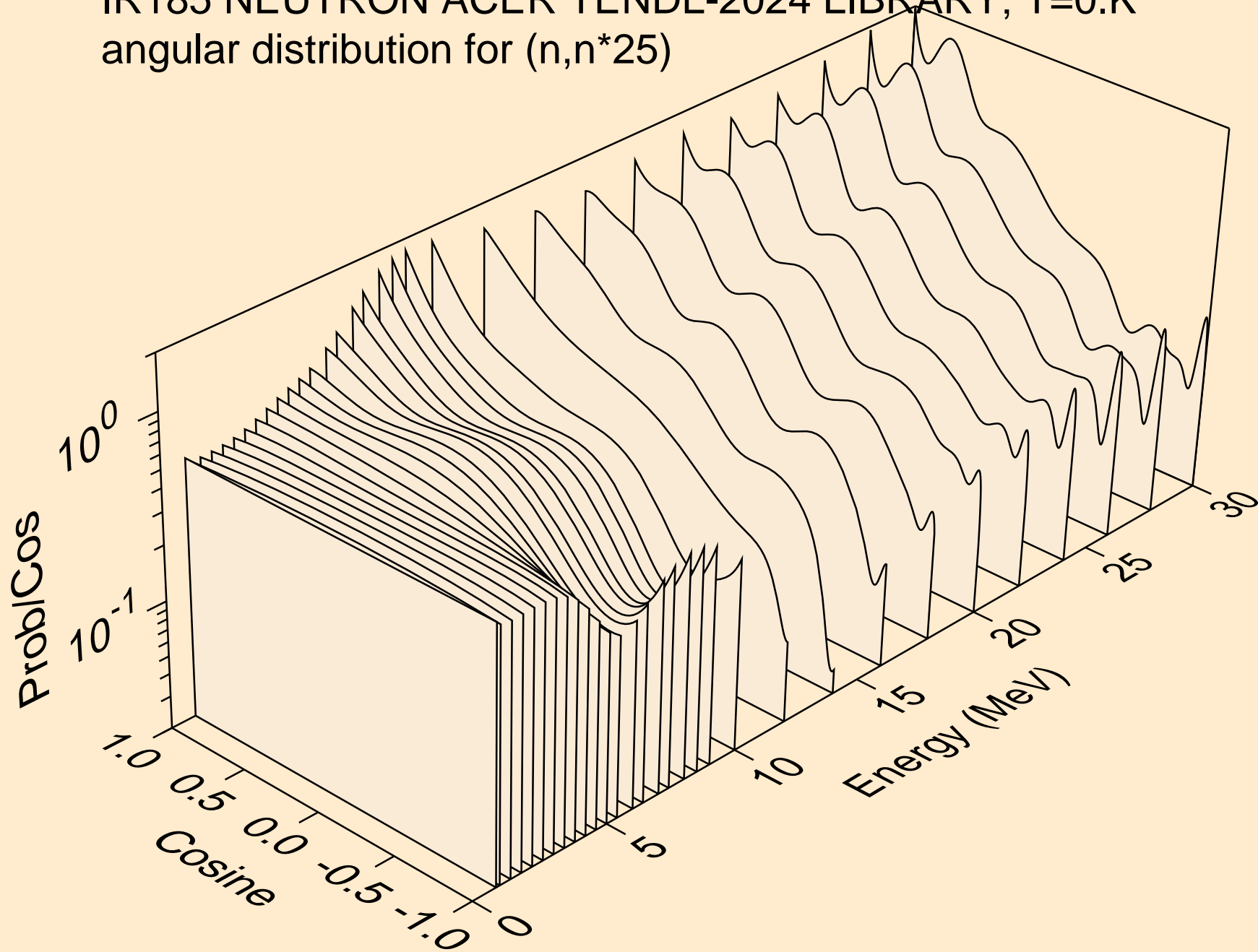




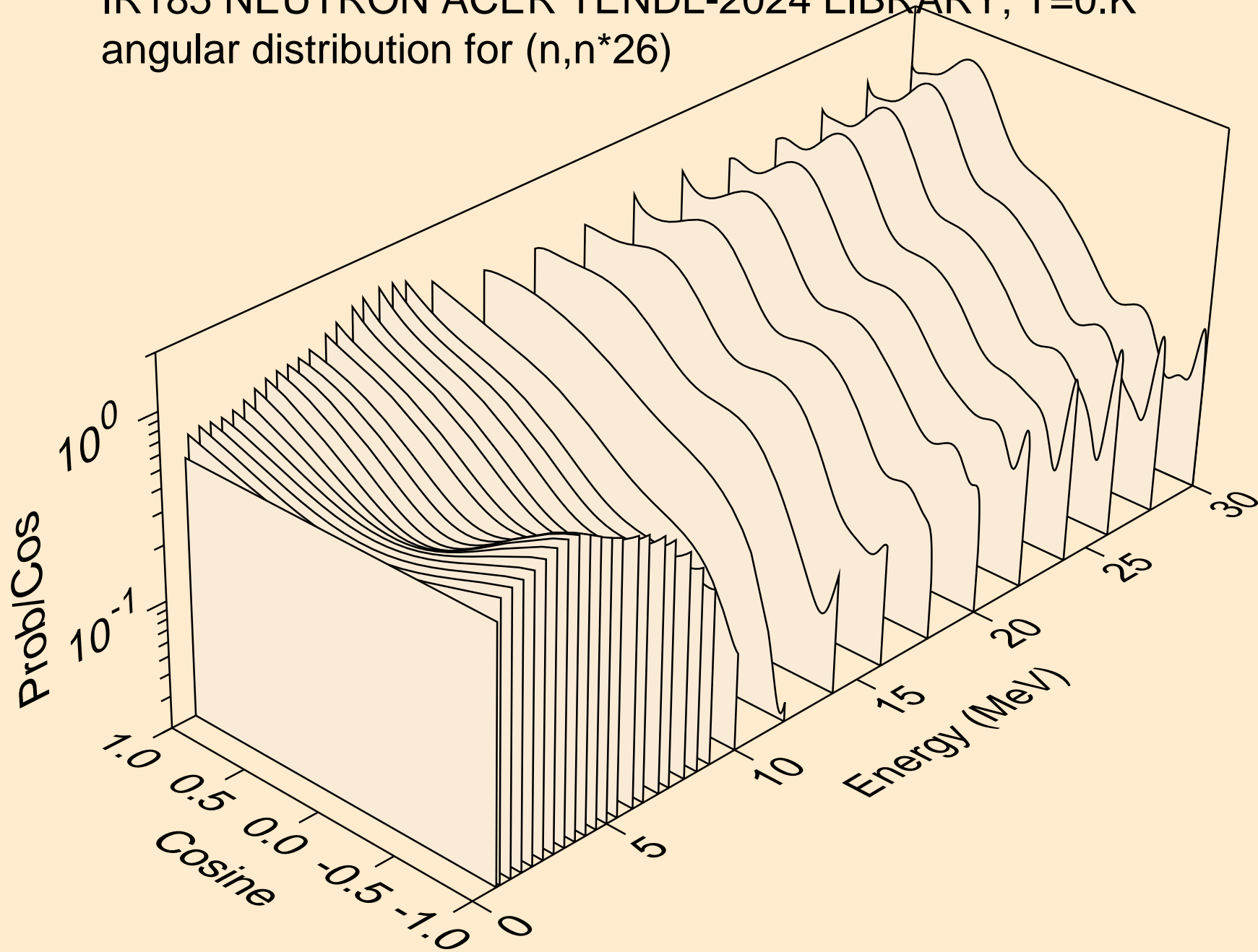
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angular distribution for (n,n\*24)



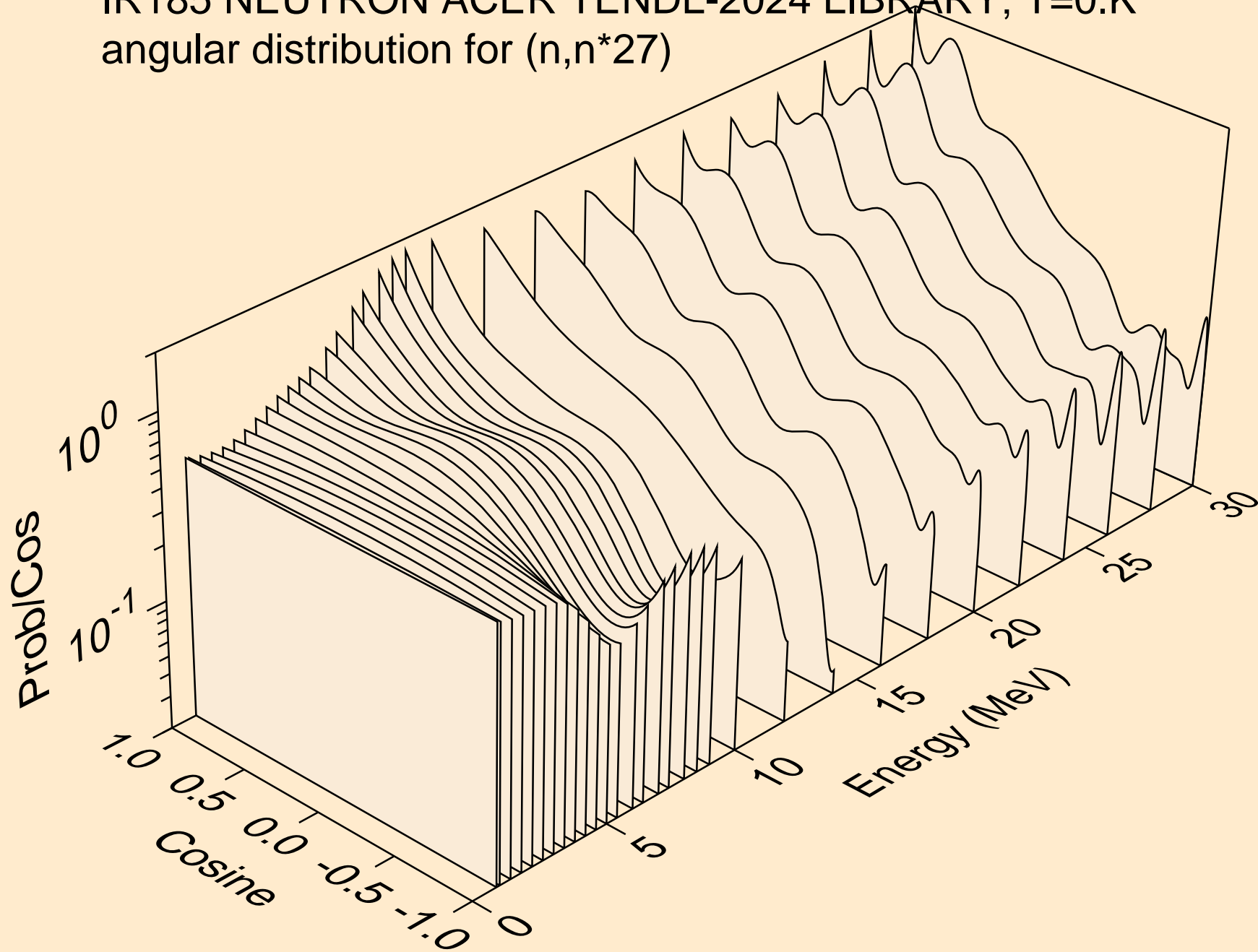
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



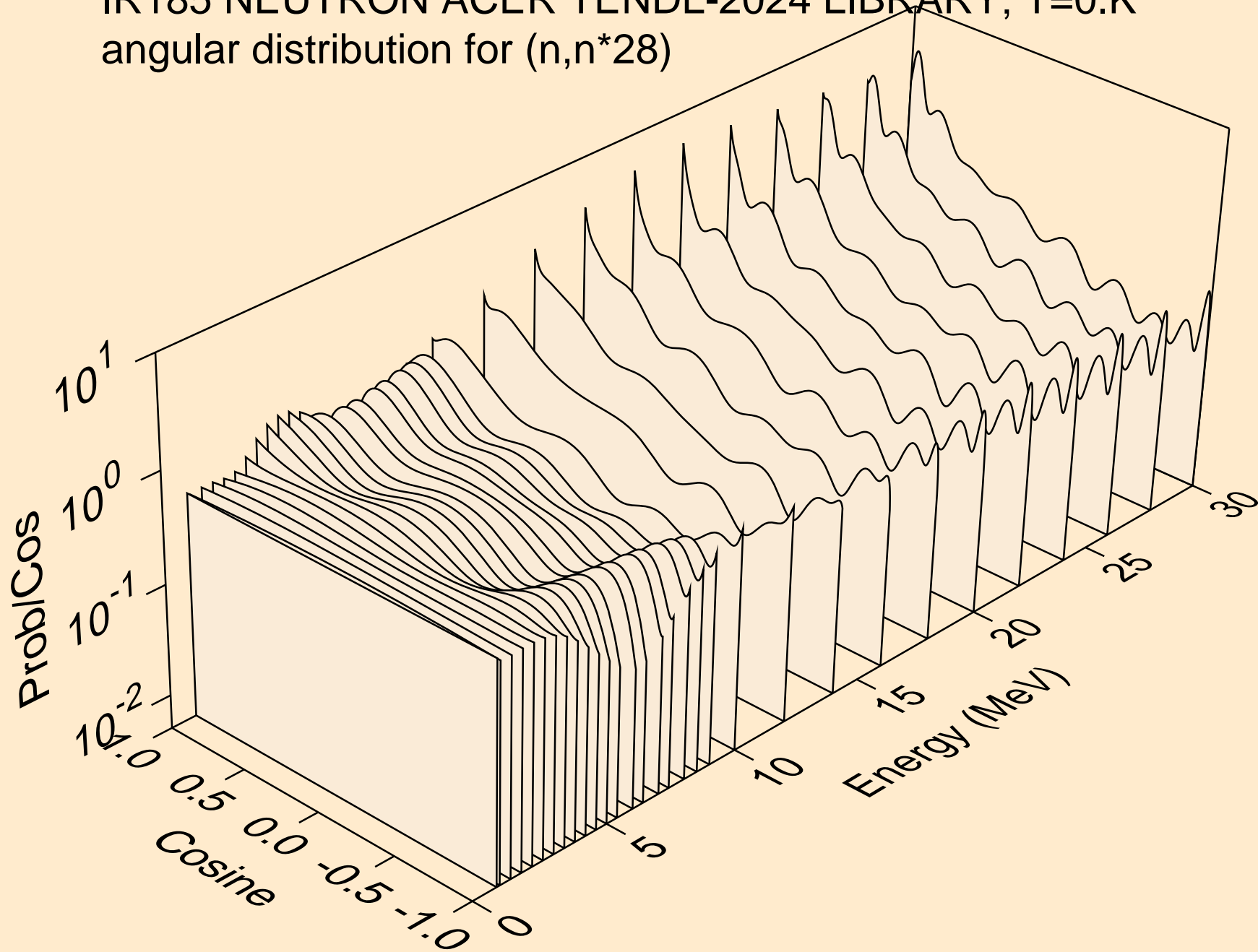
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angular distribution for (n,n\*26)



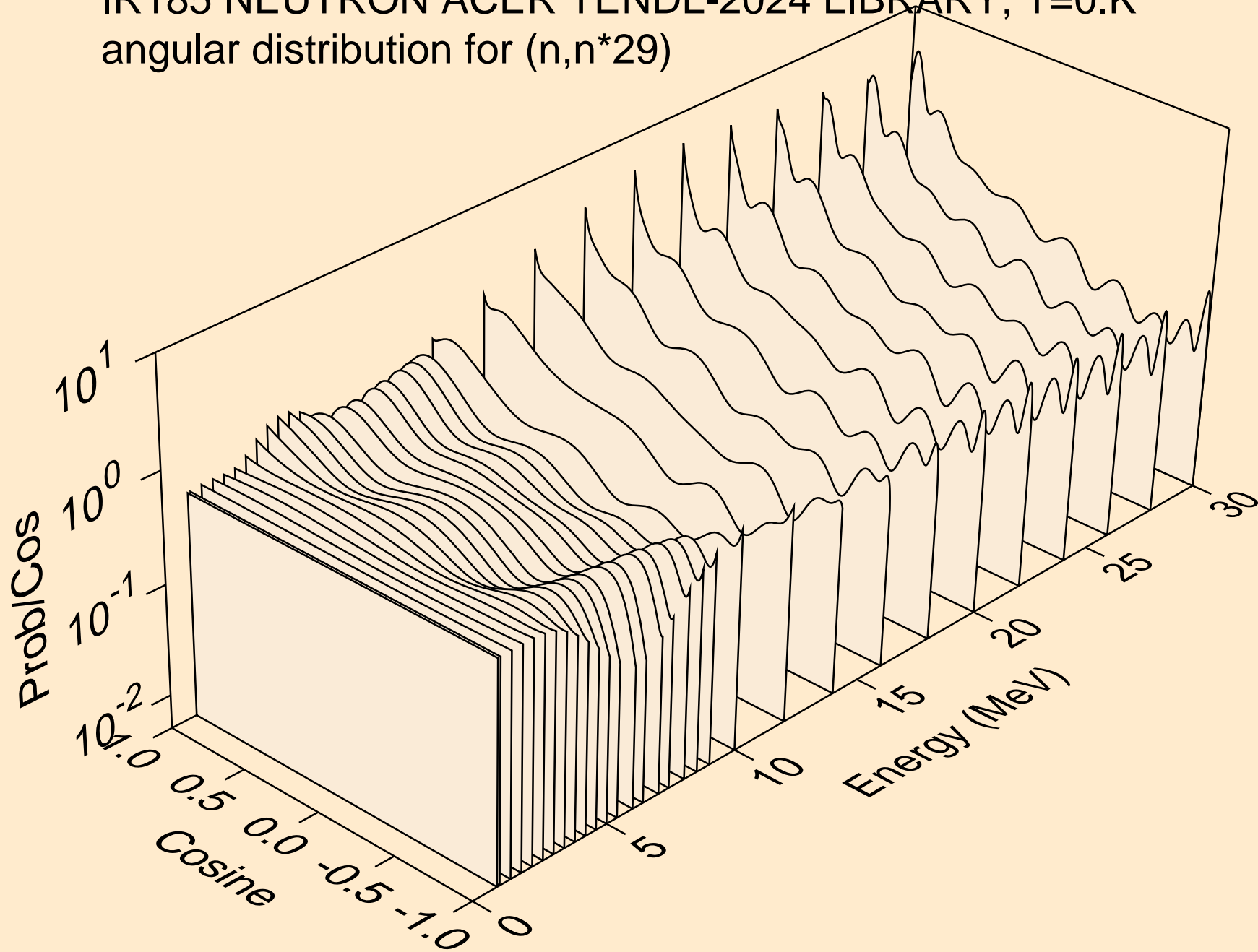
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angular distribution for (n,n\*27)



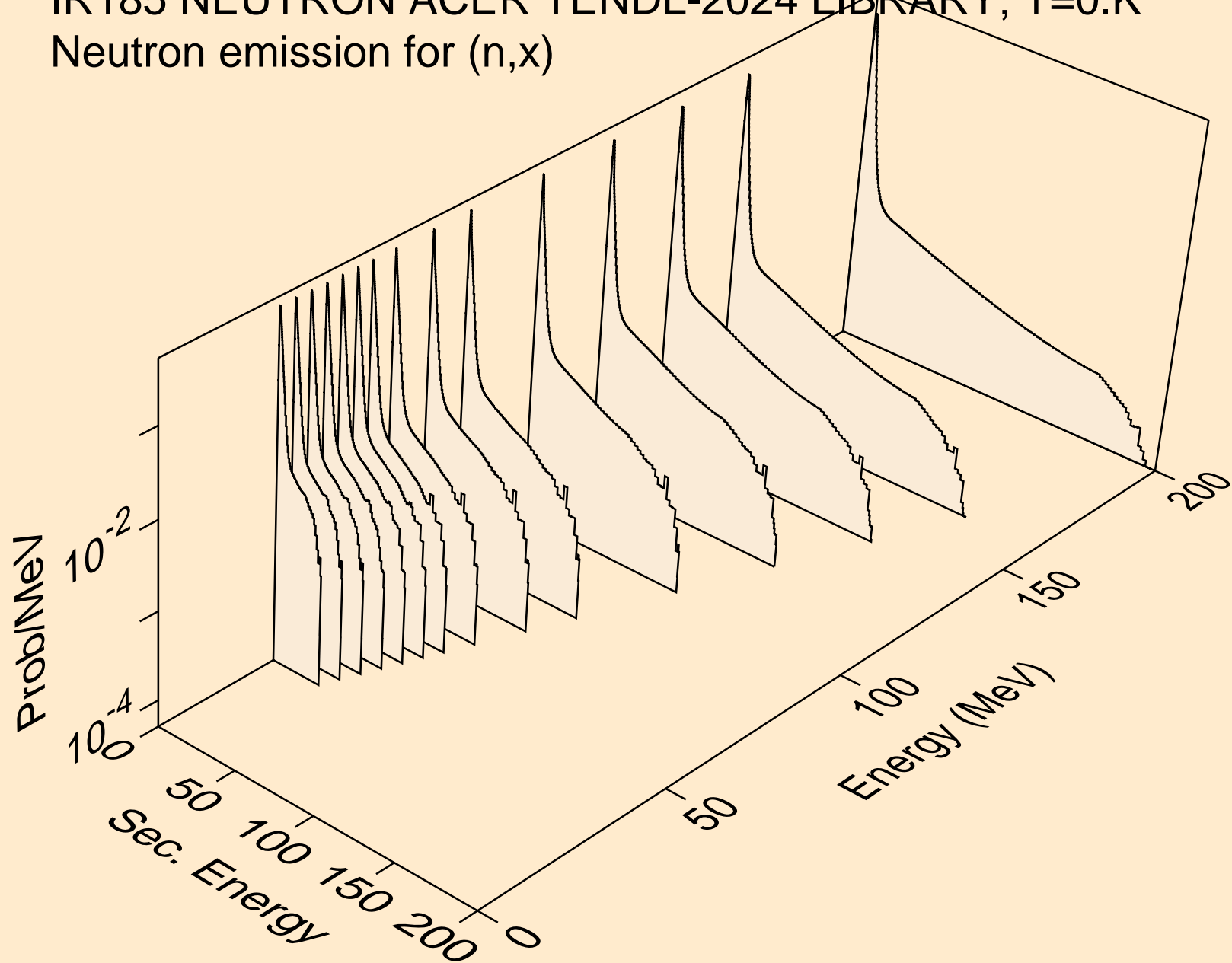
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



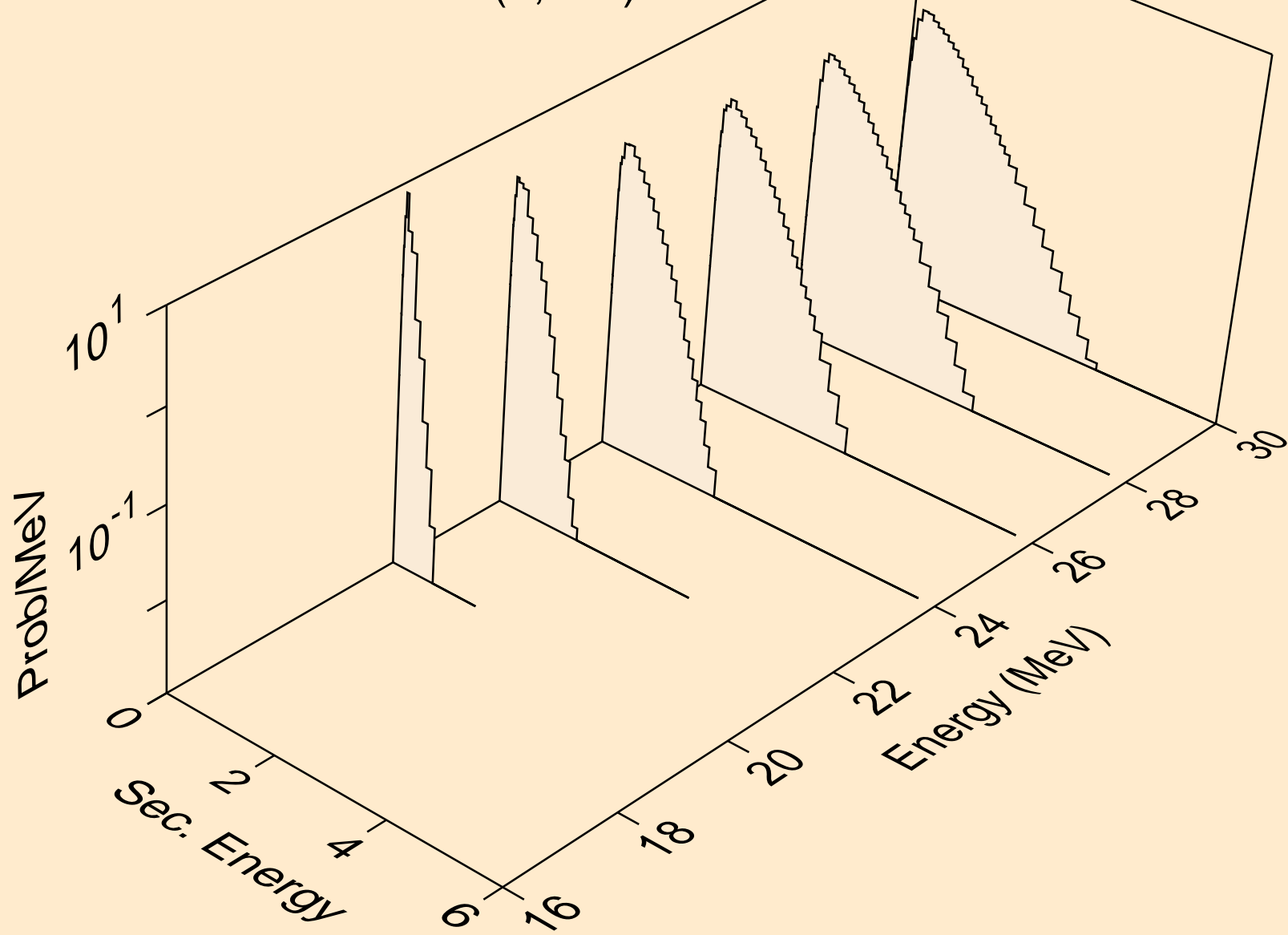
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*29)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

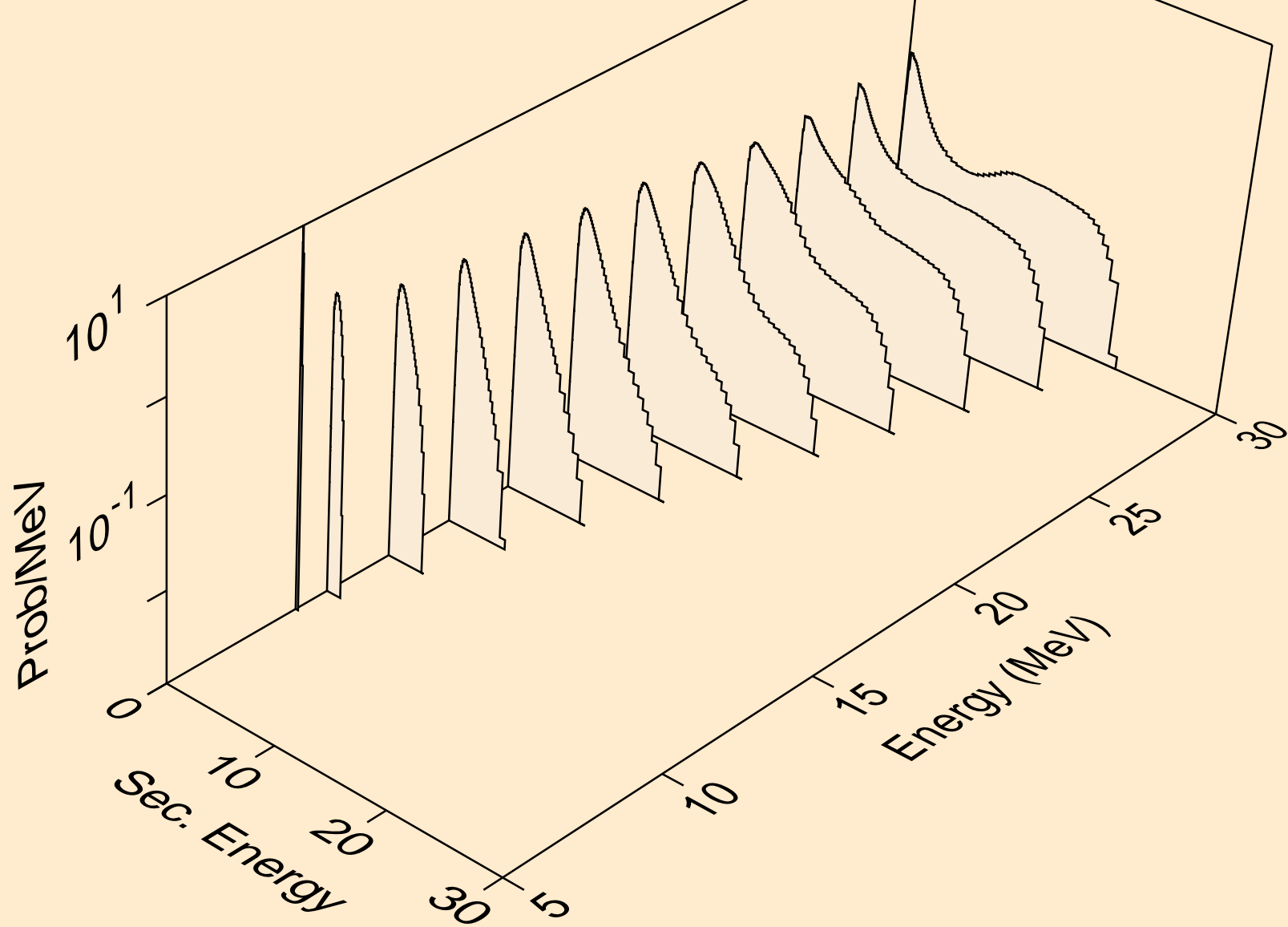


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

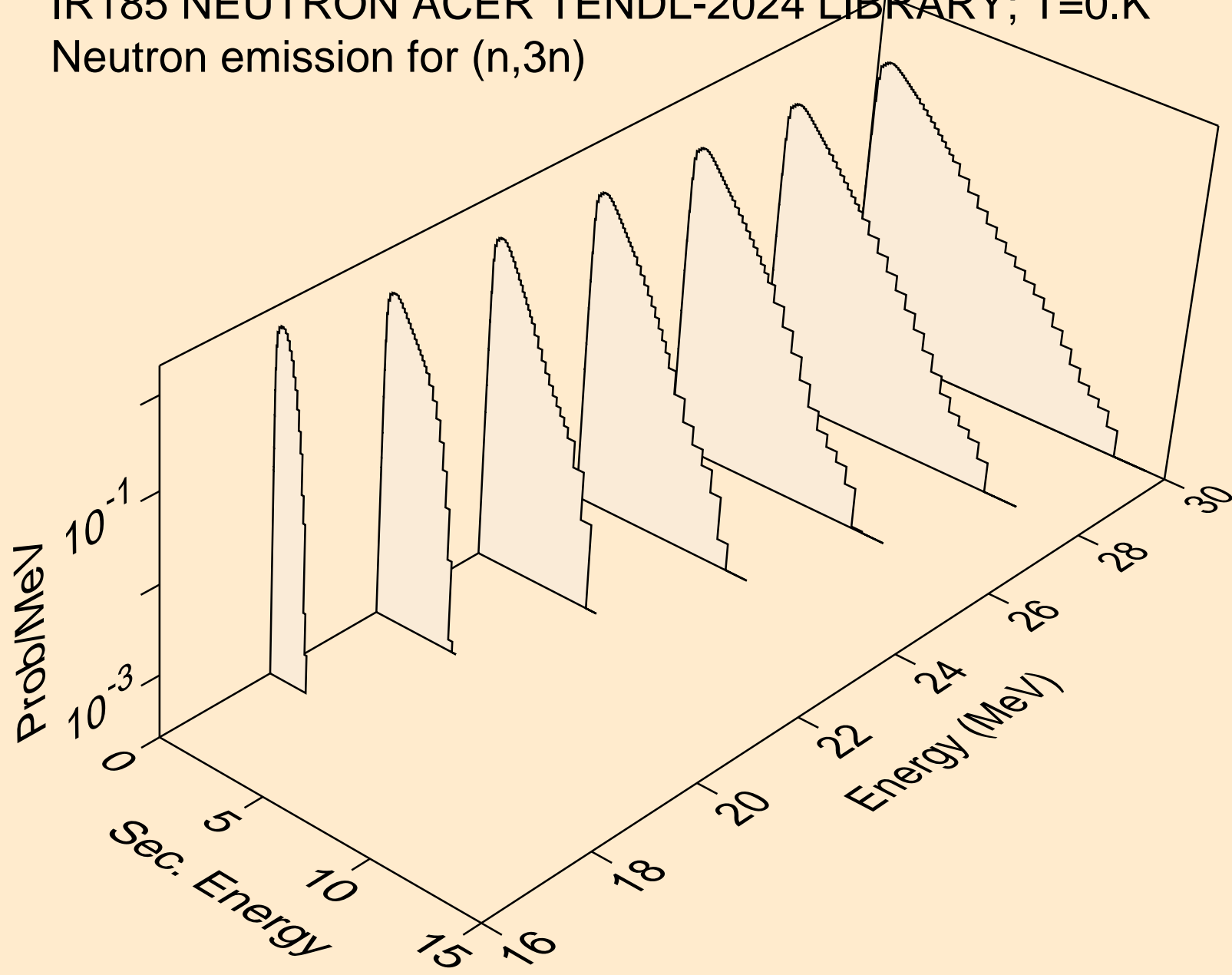




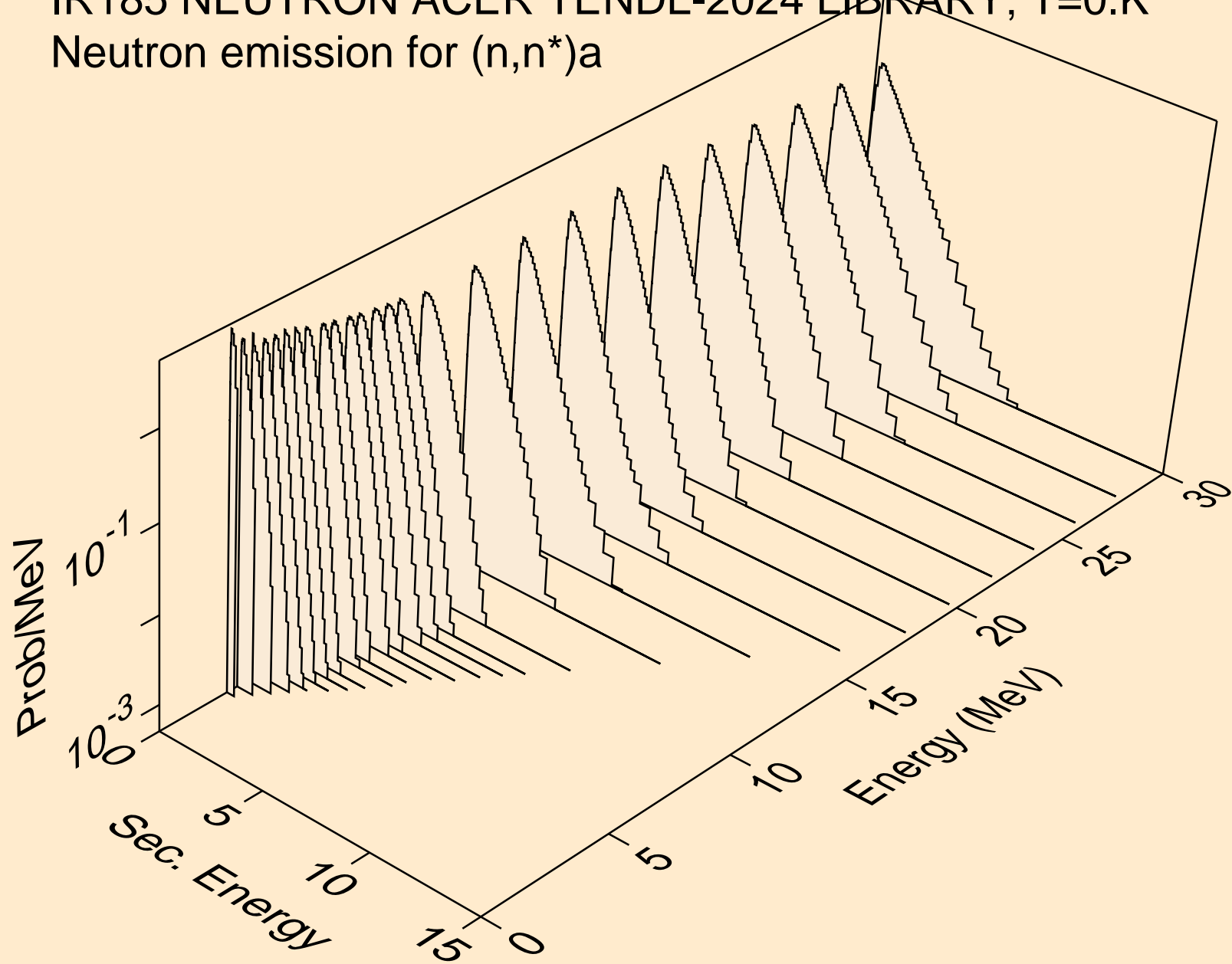
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



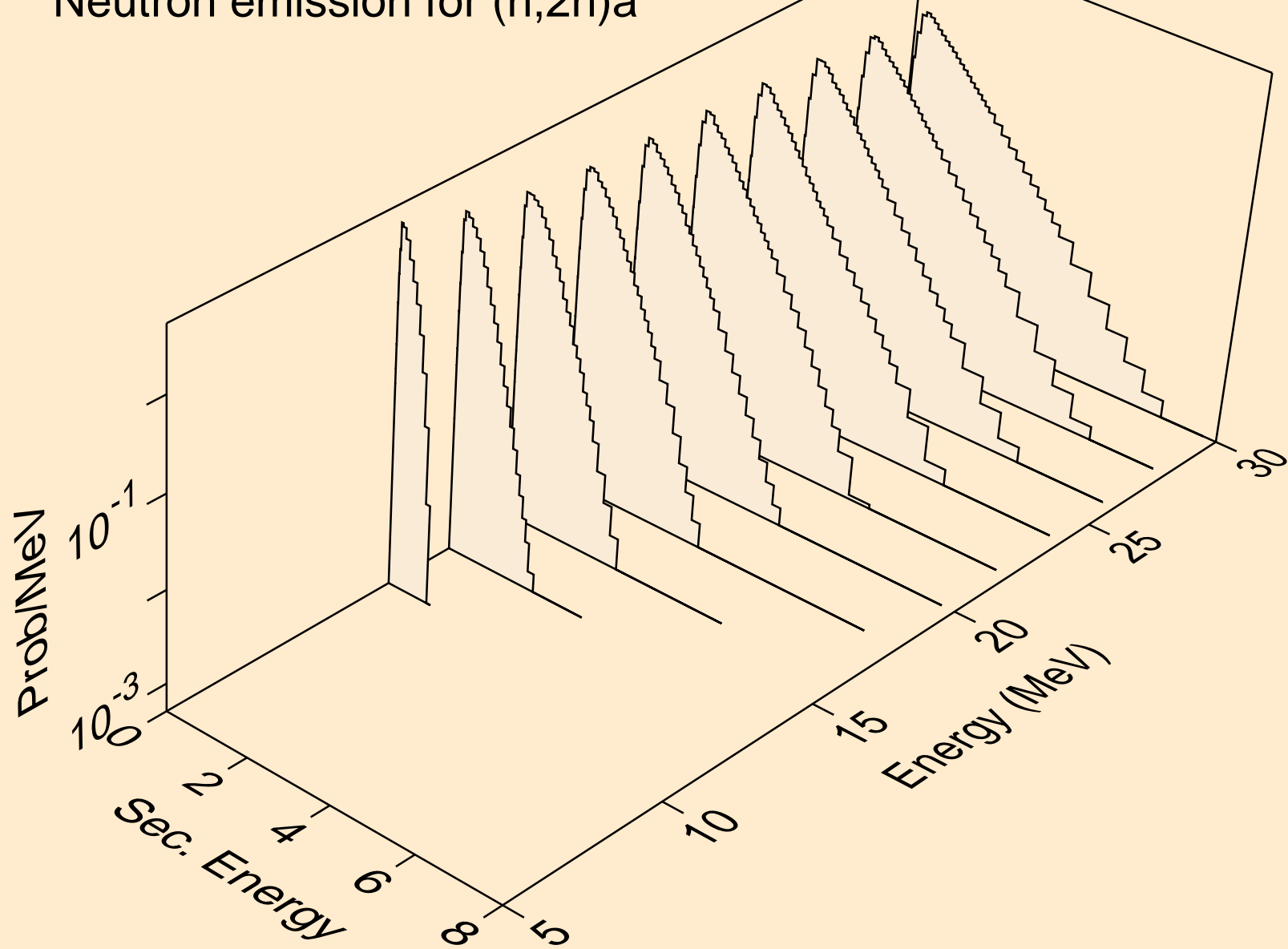
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



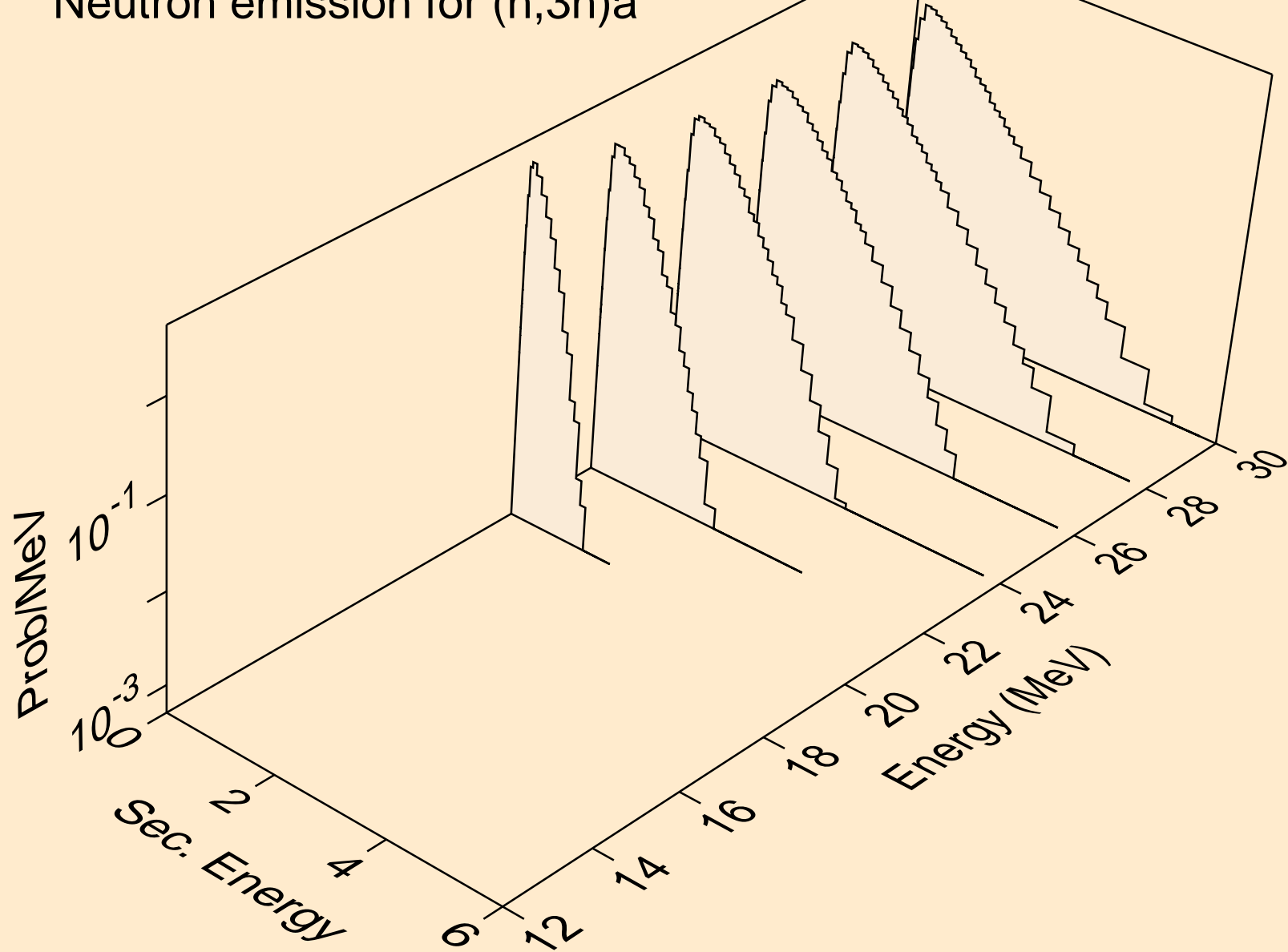
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



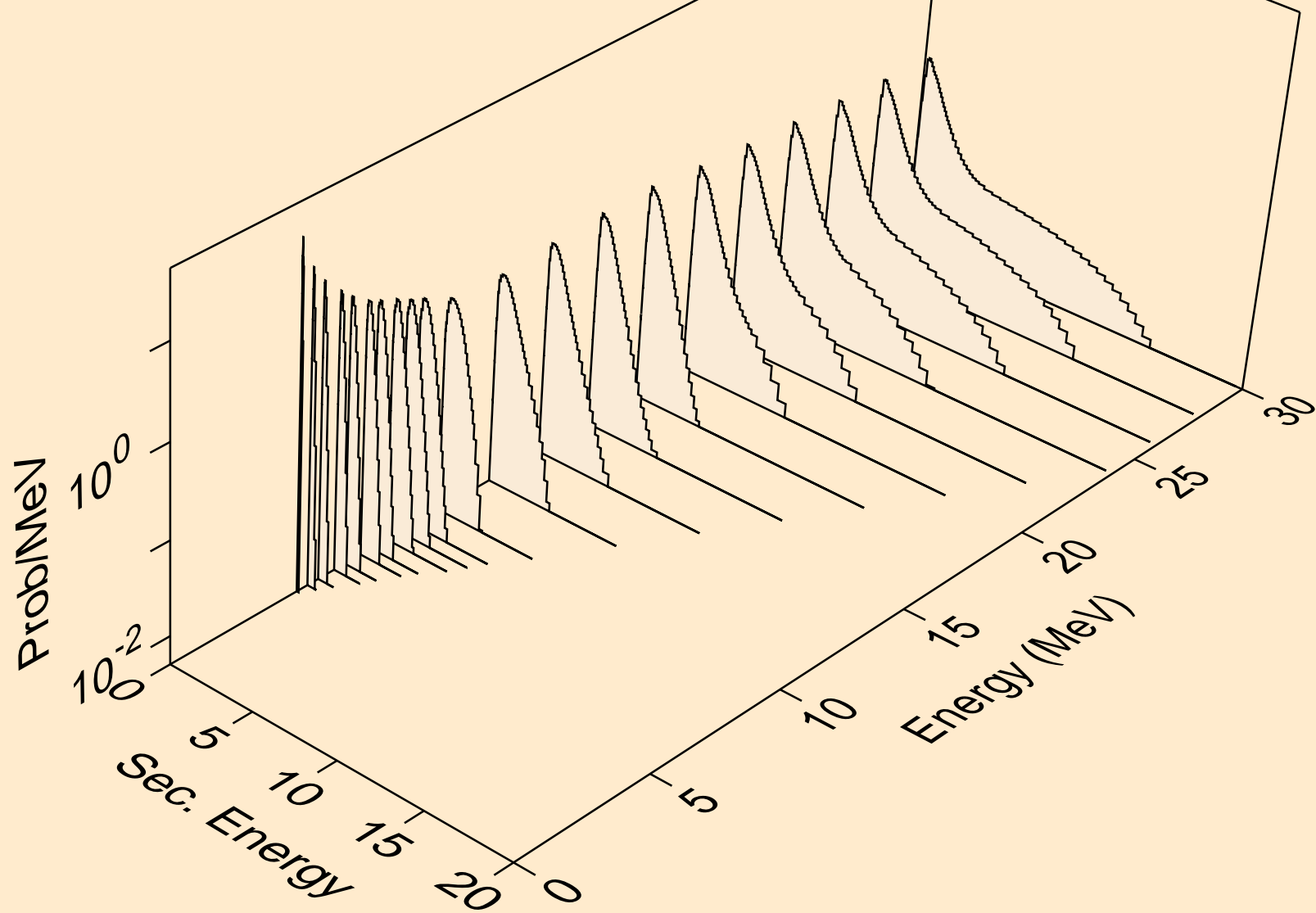
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



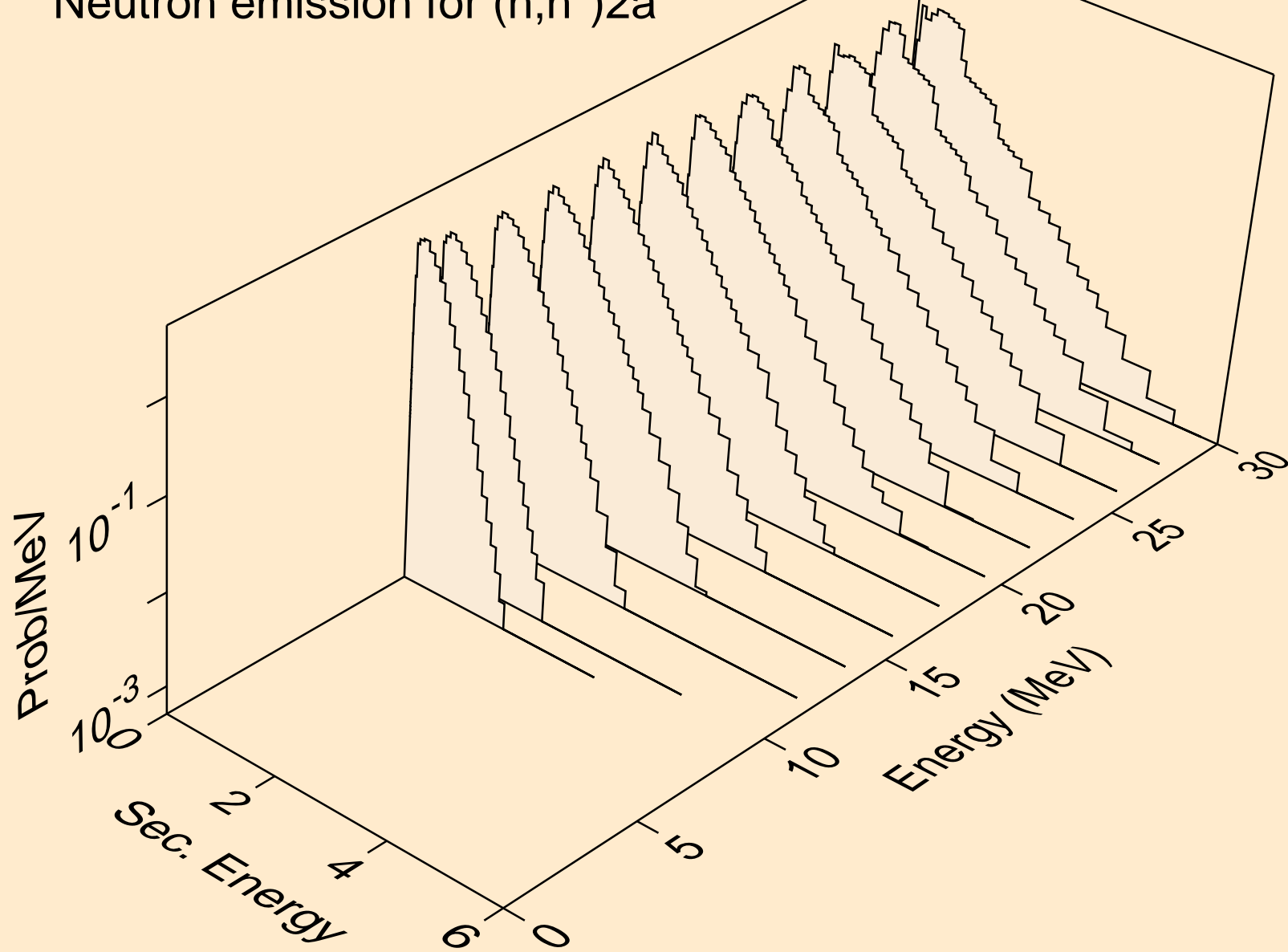
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



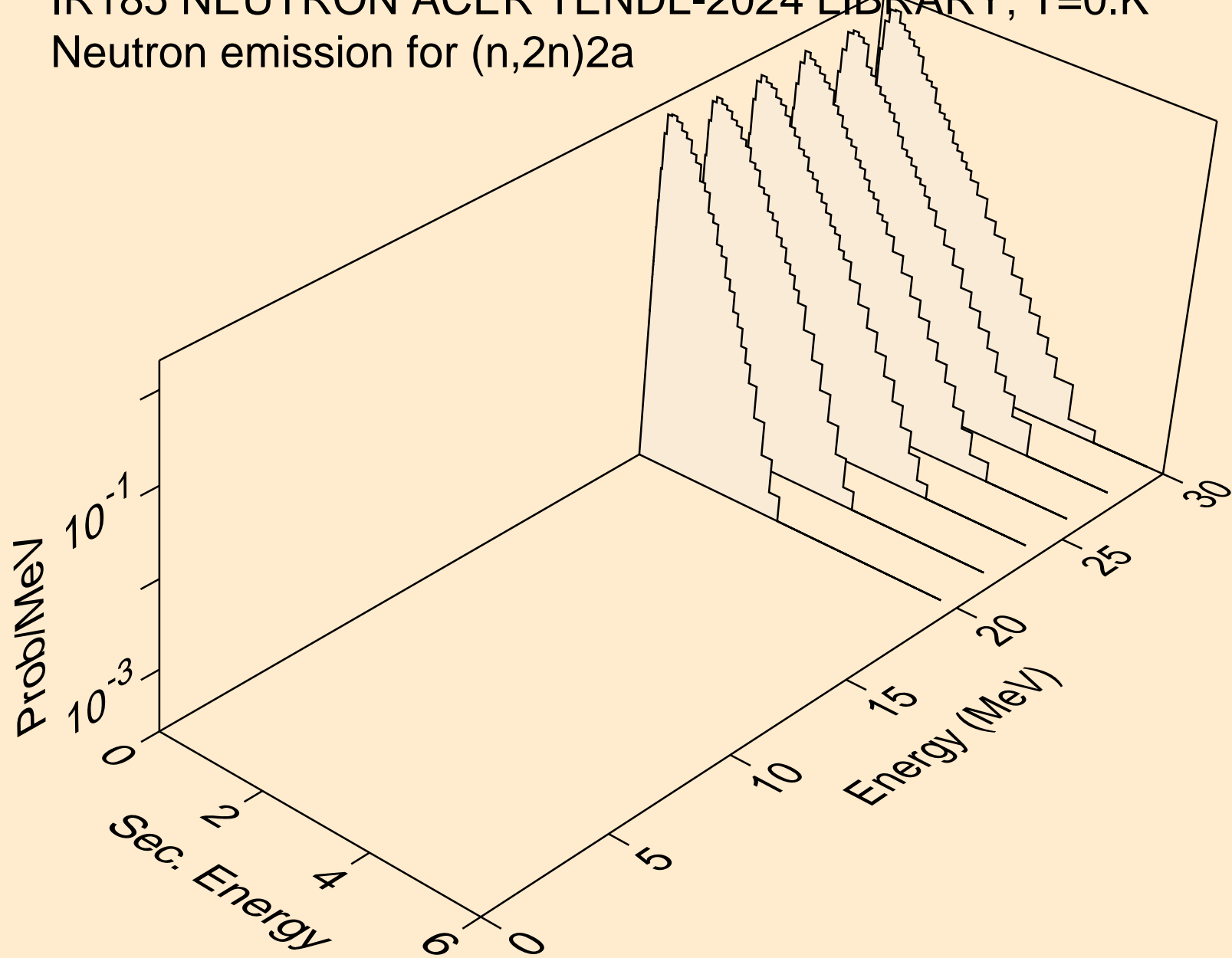
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

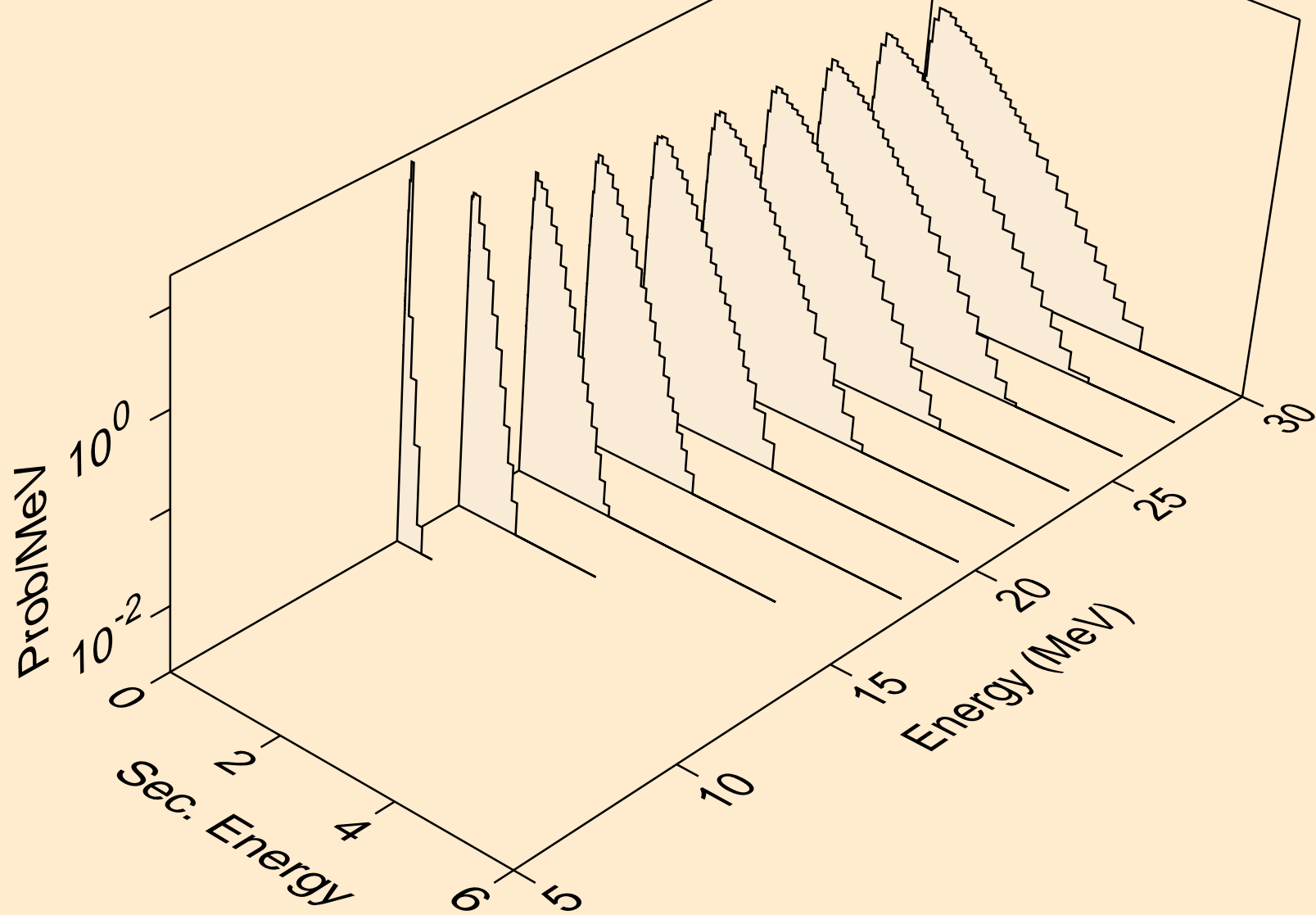


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

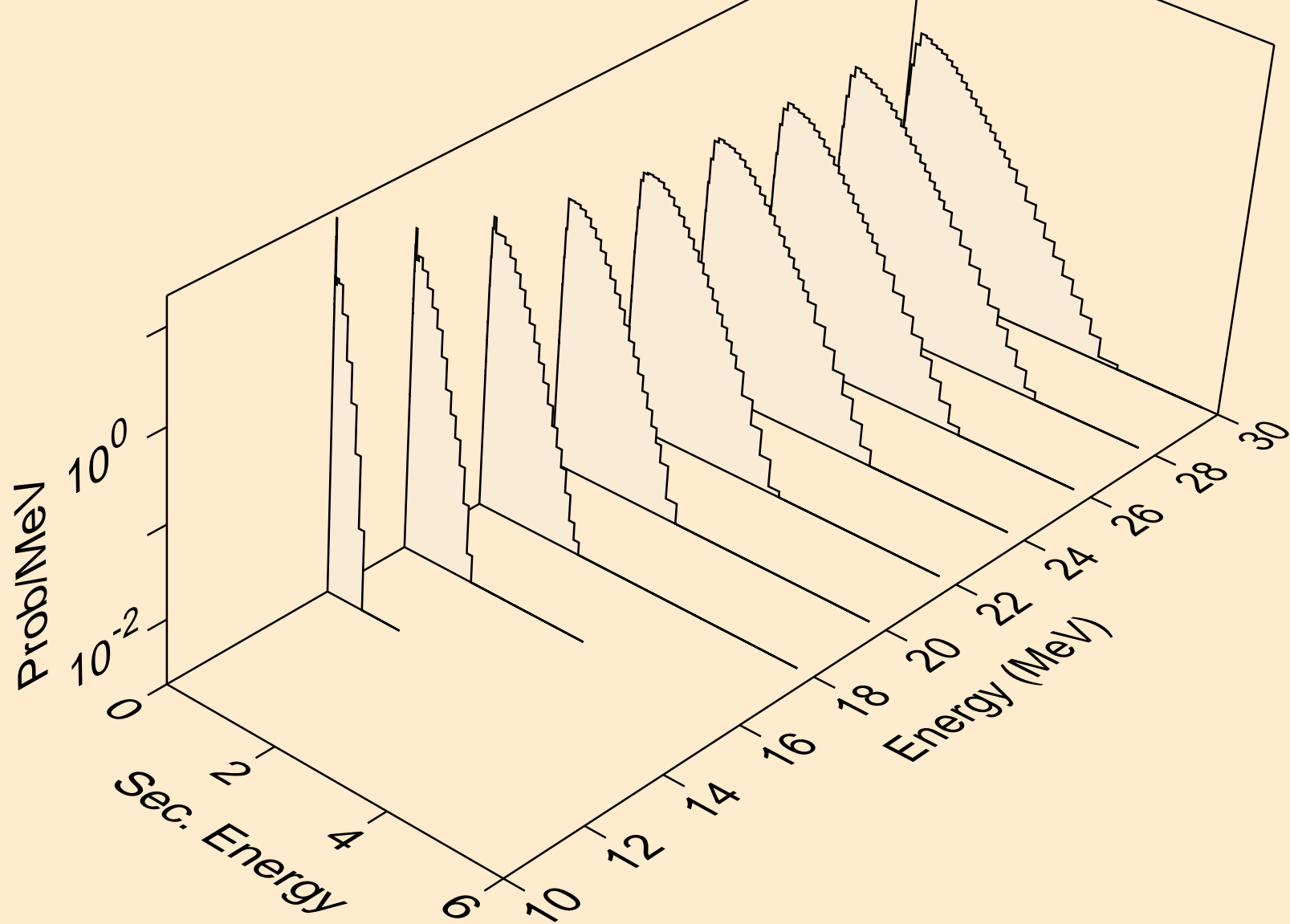




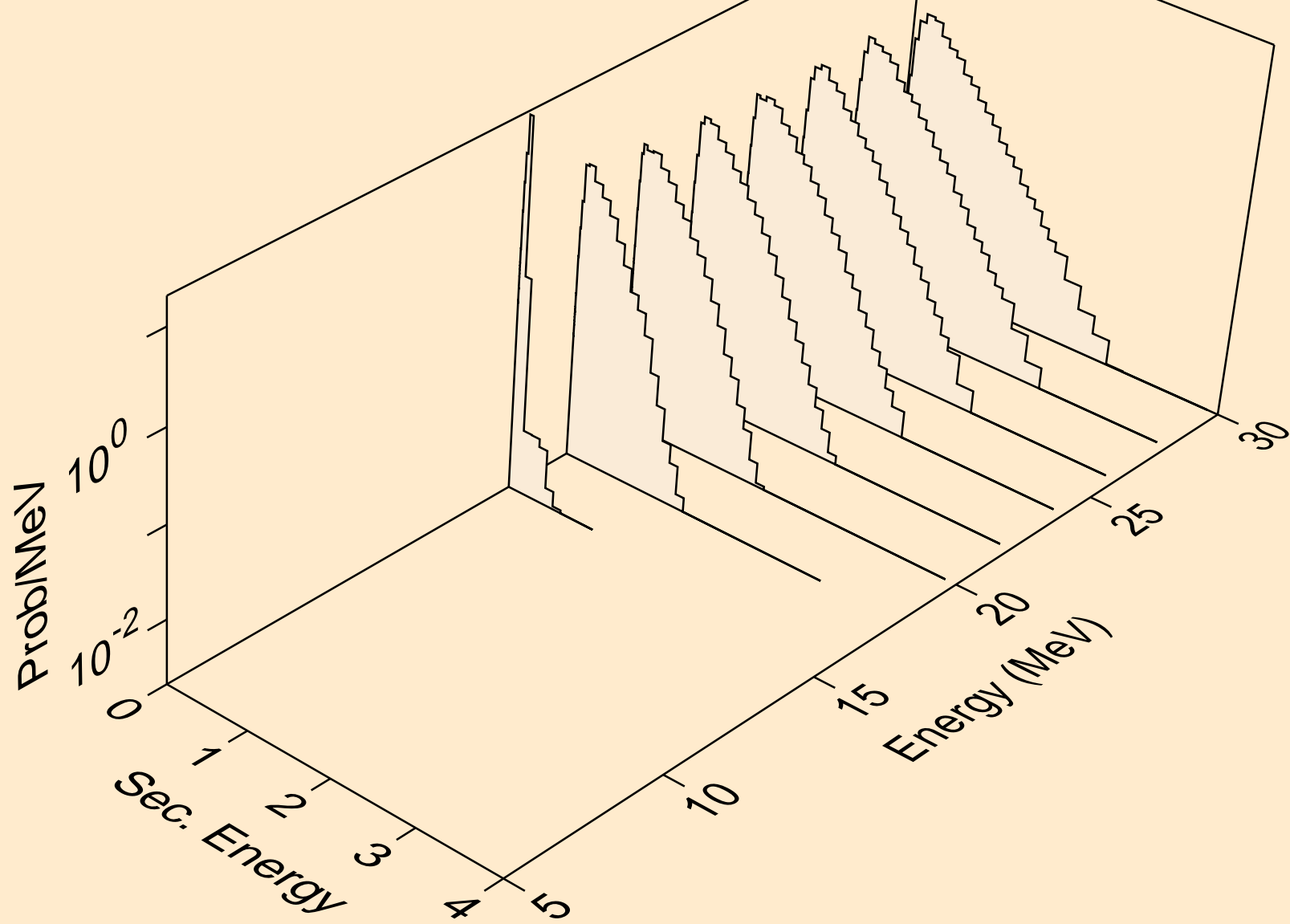
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



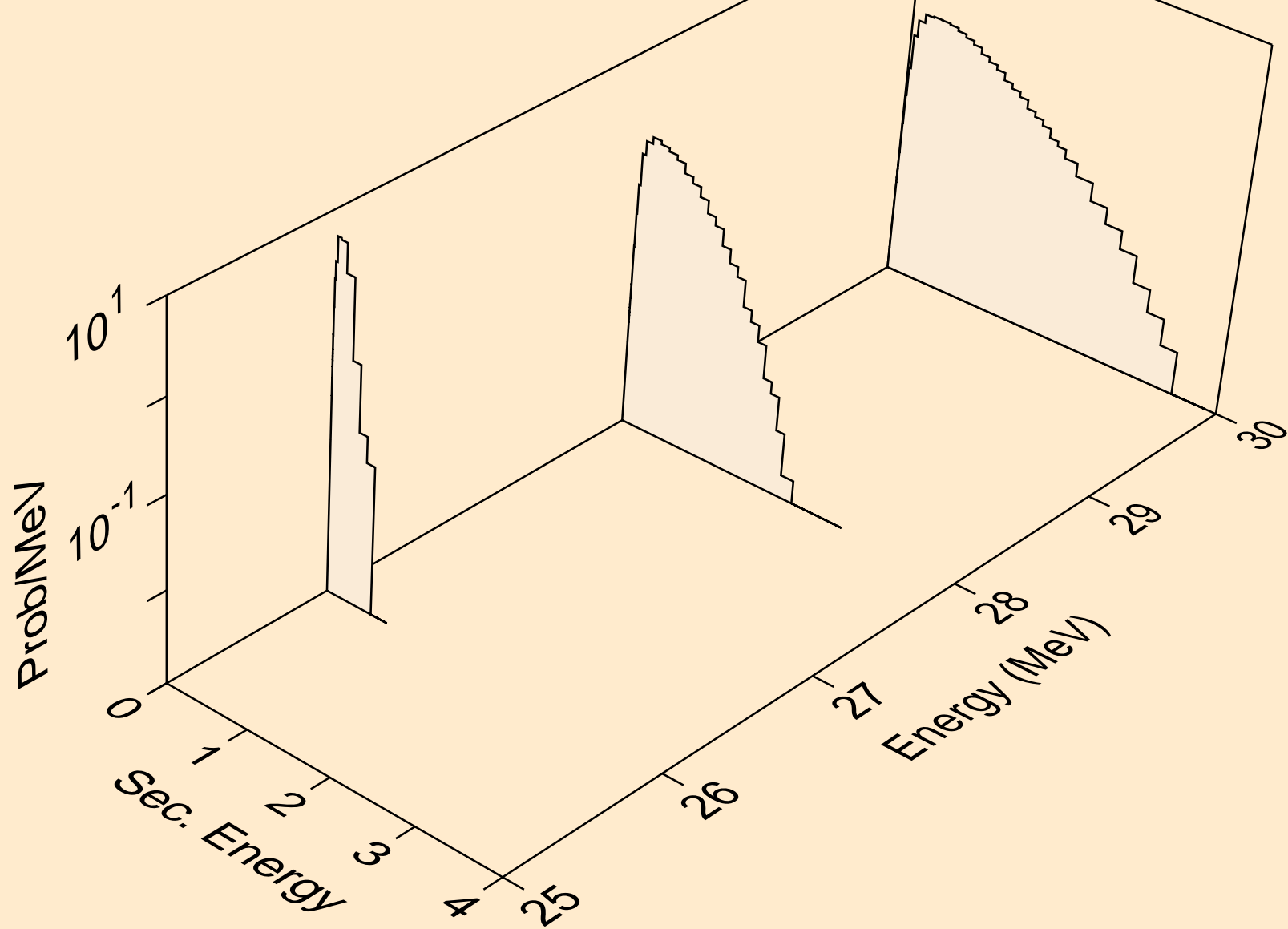
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



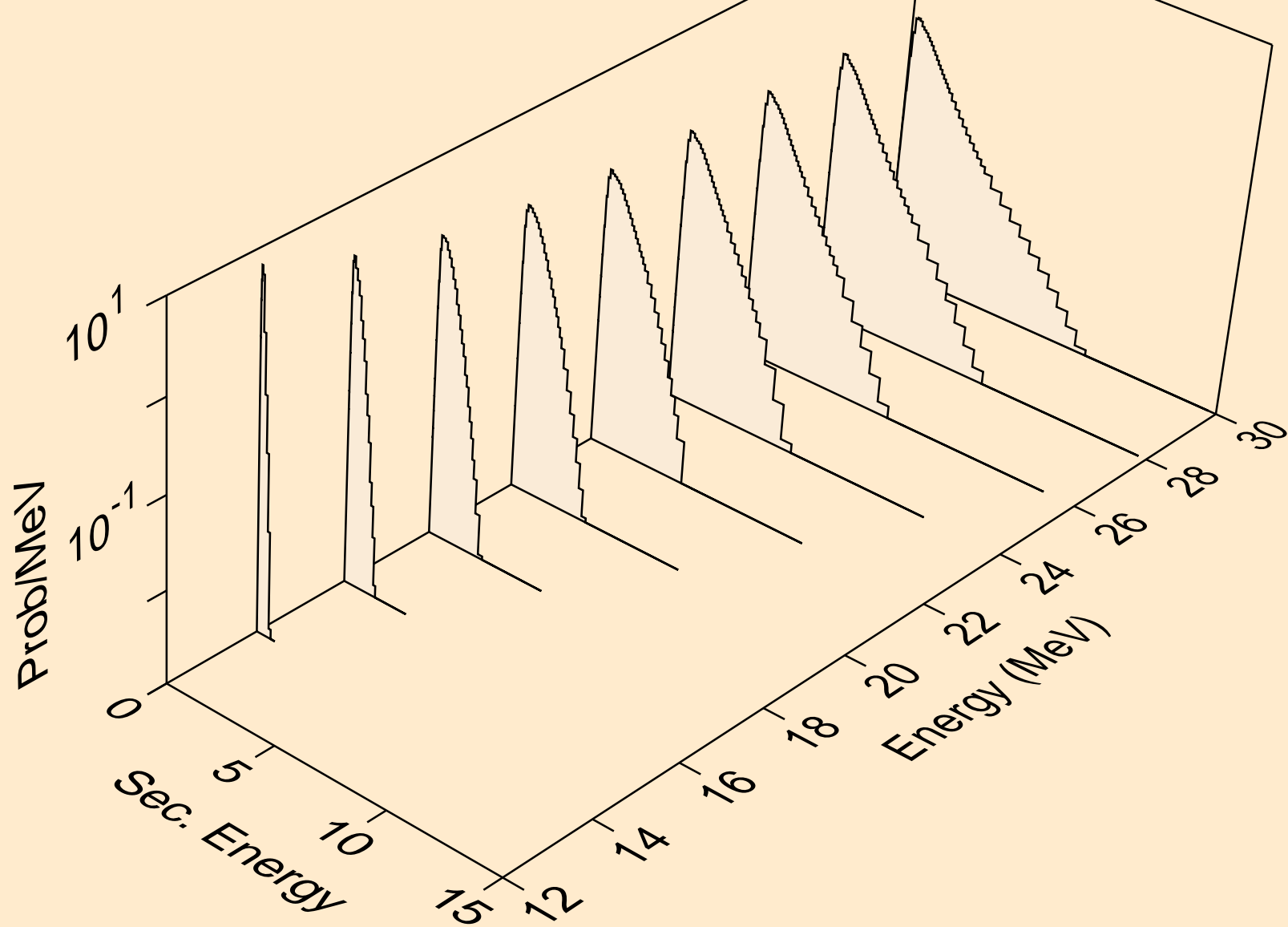
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



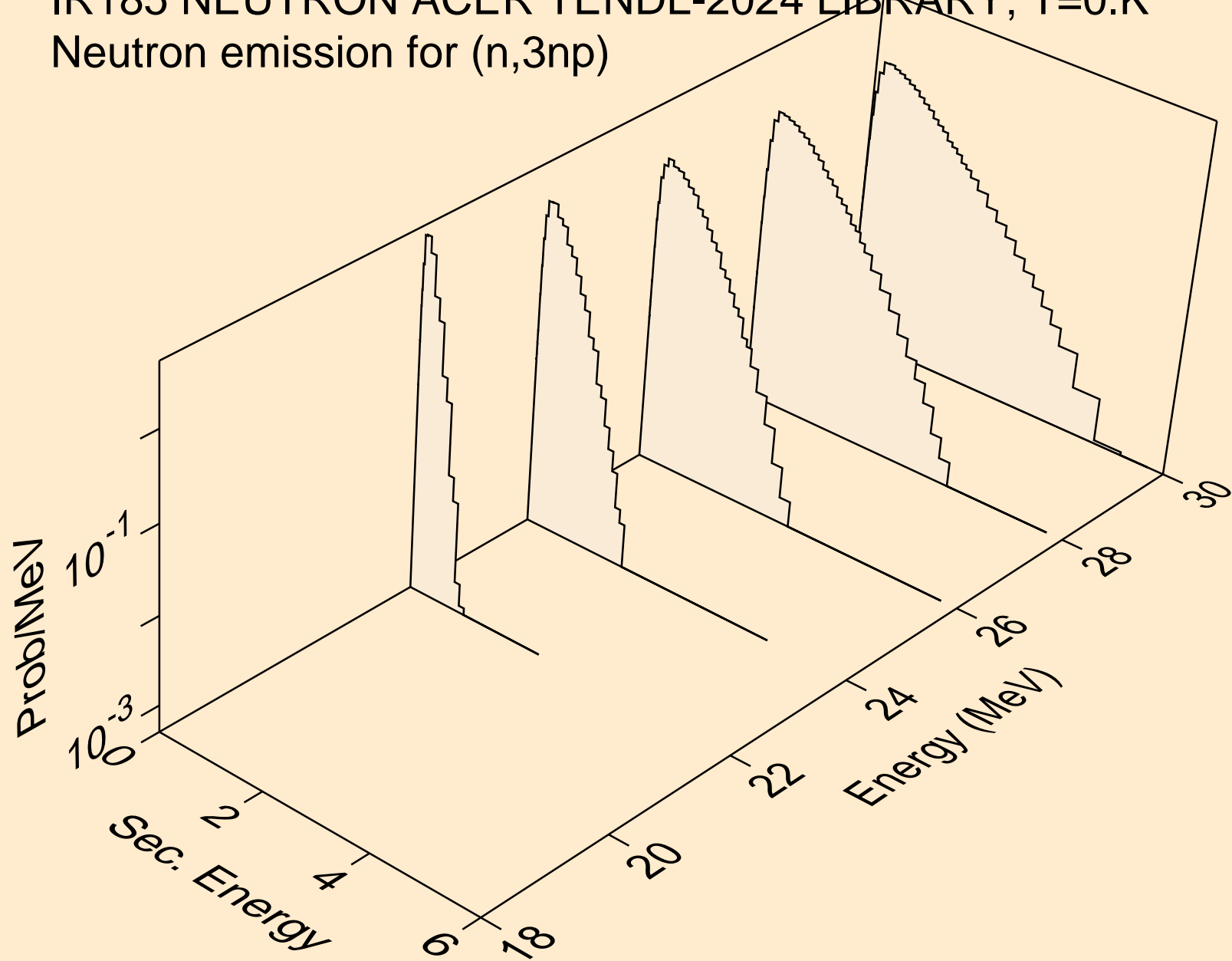
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



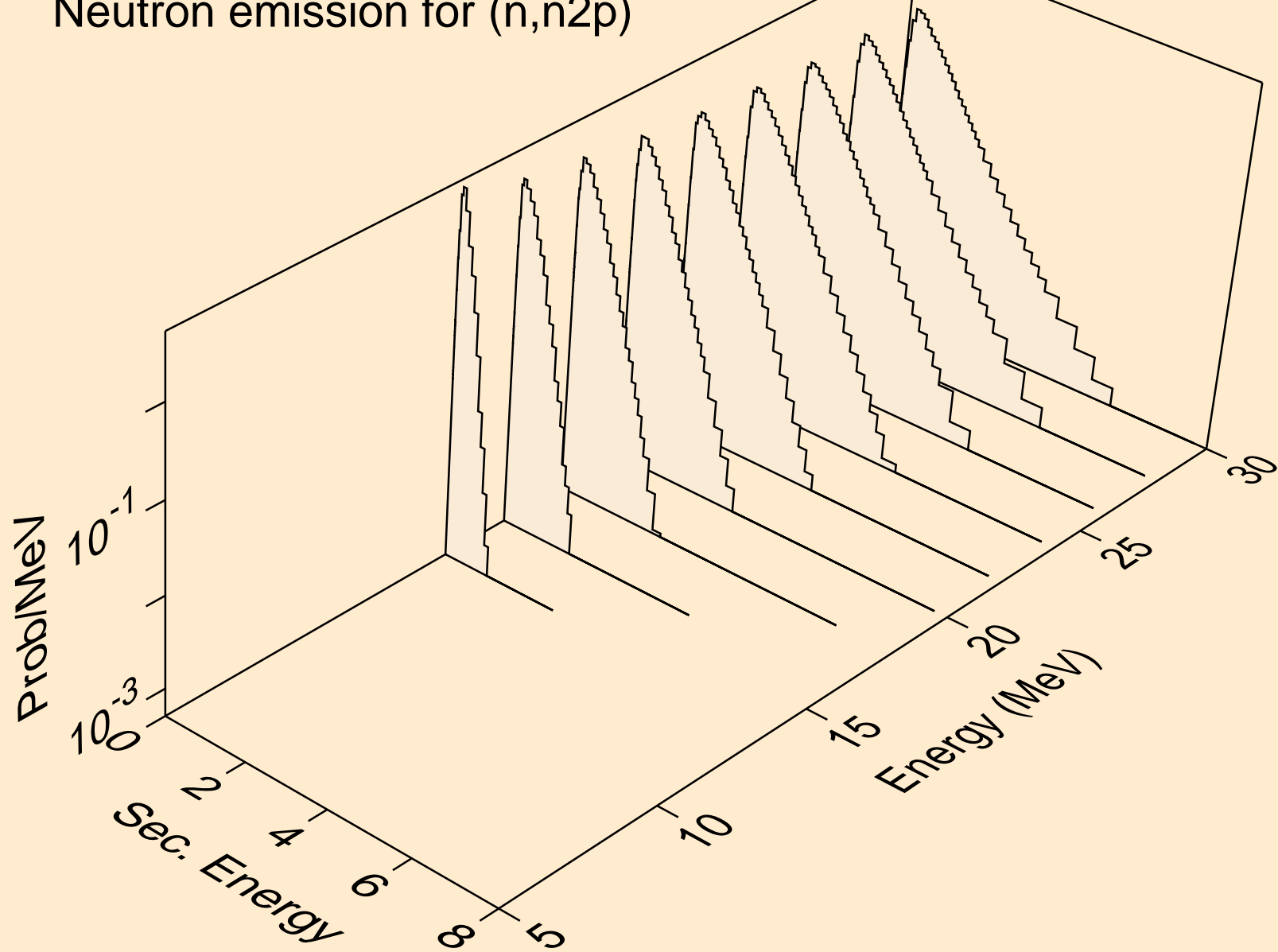
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Neutron emission for (n,2np)



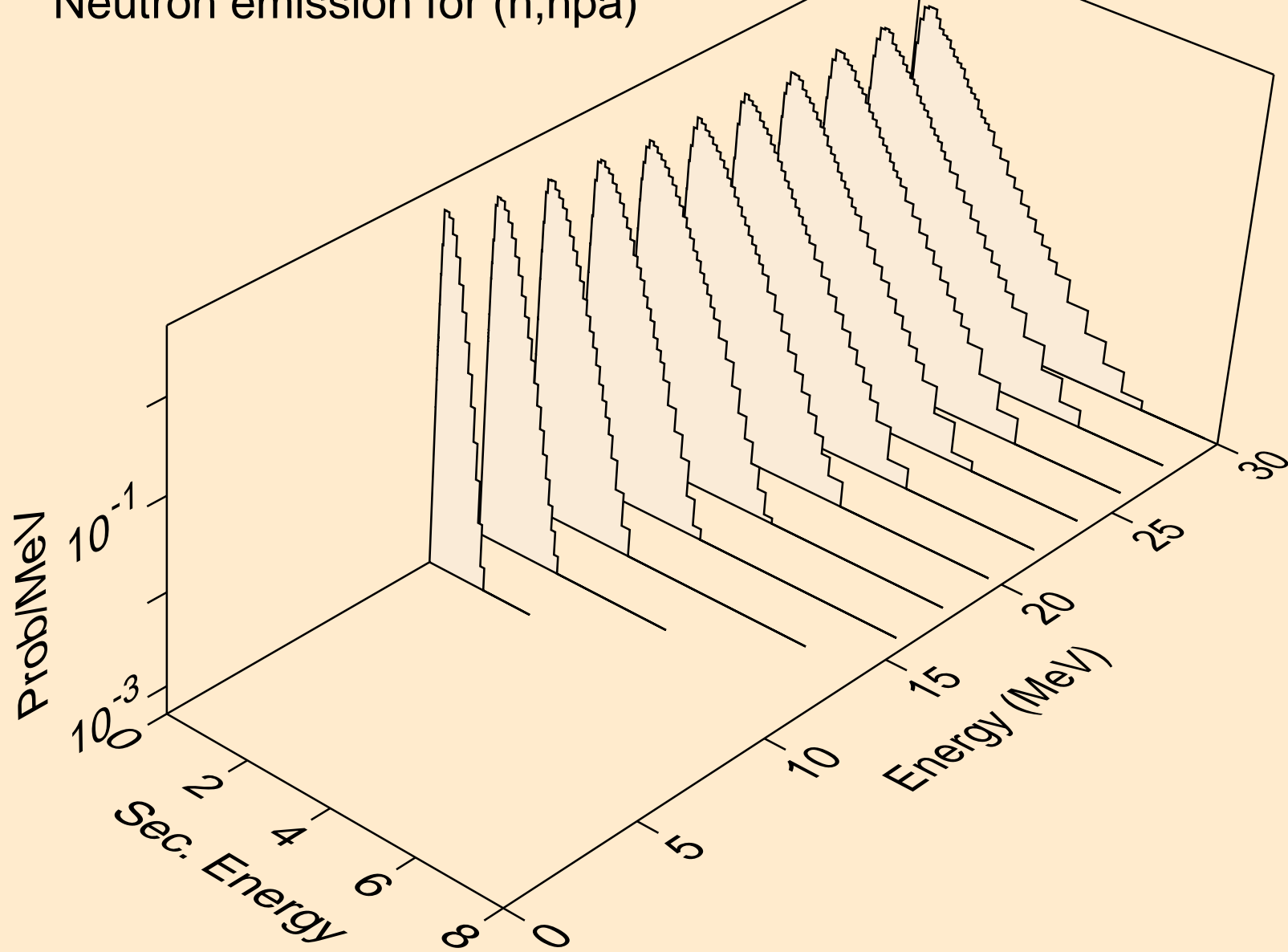
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

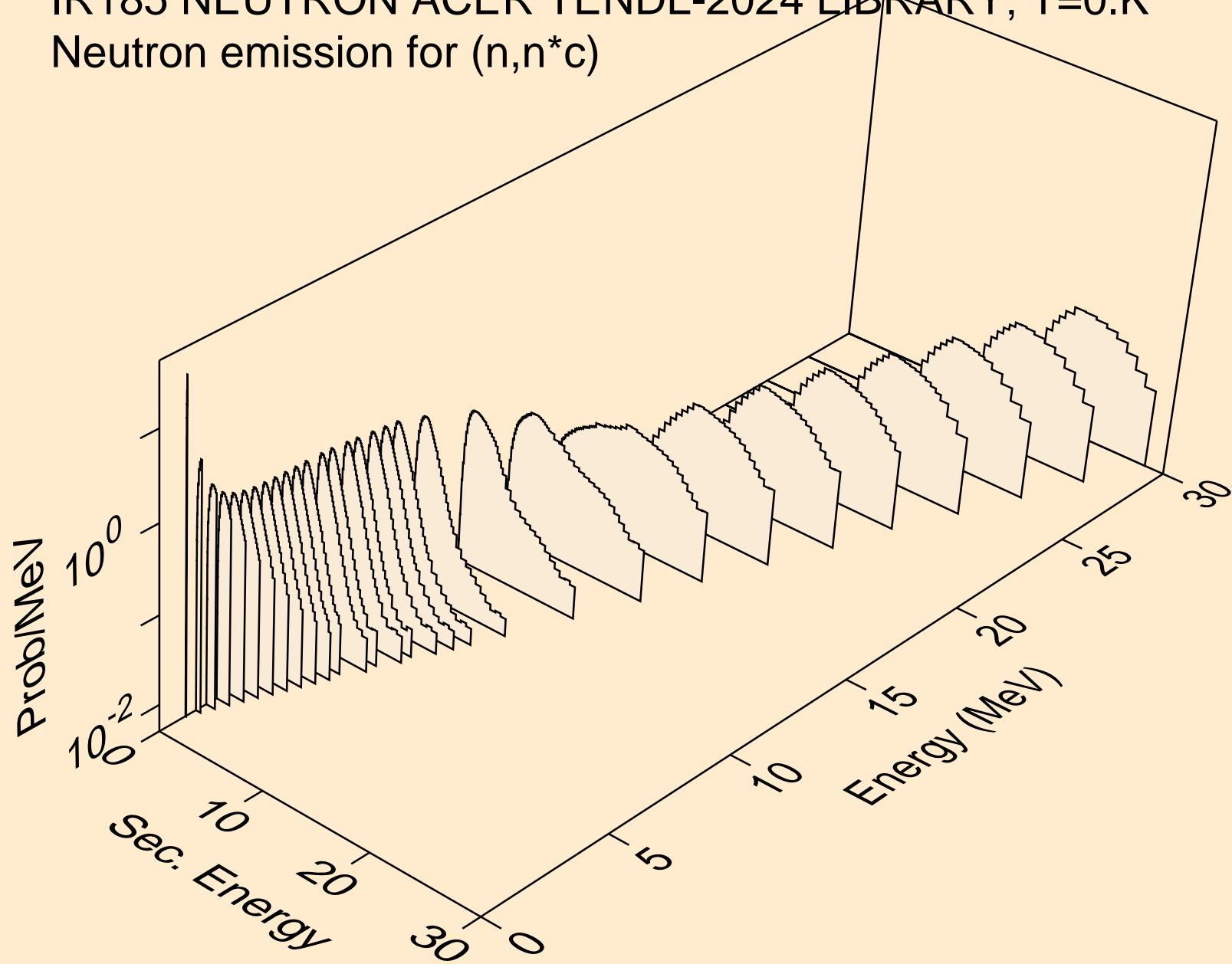


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)

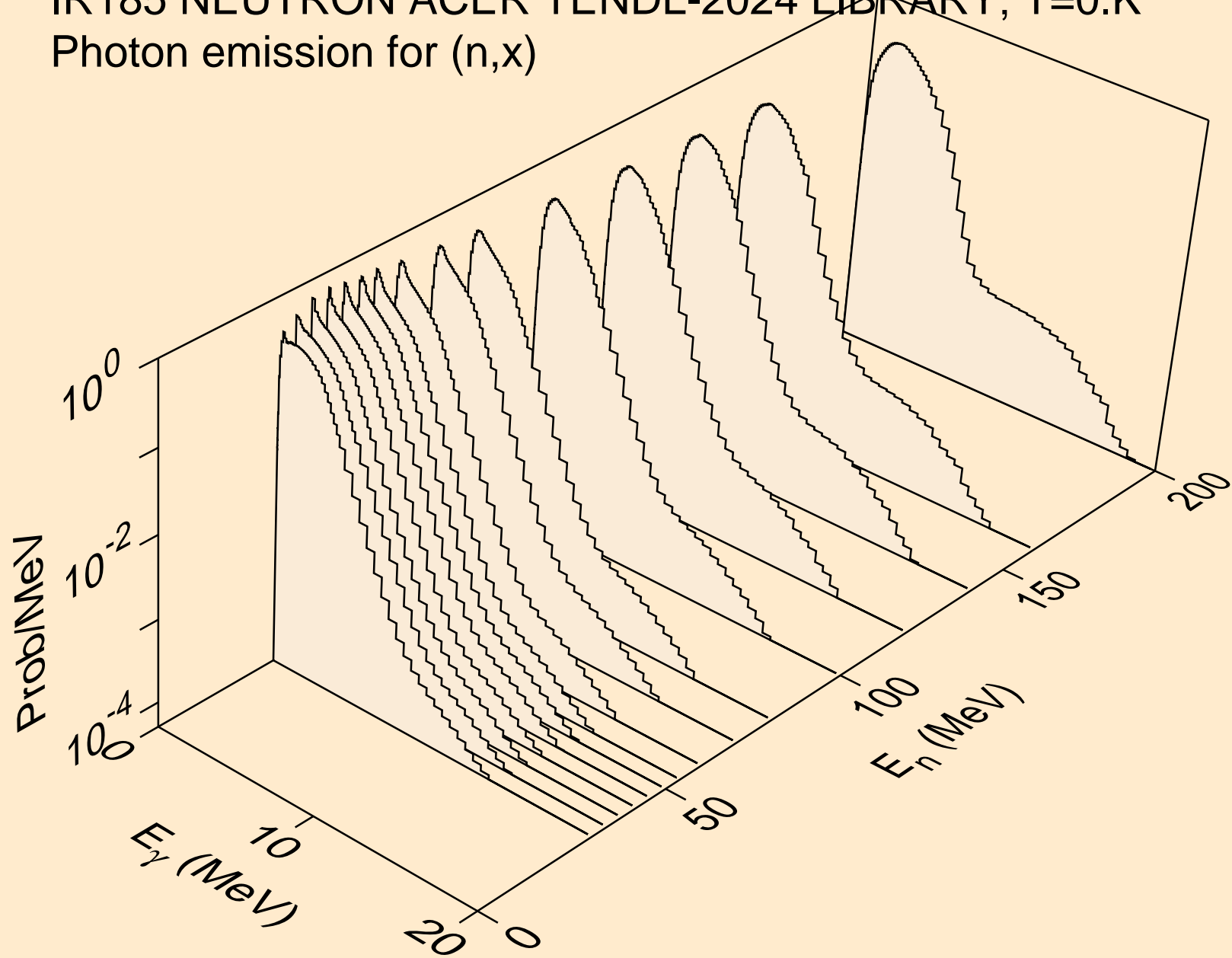




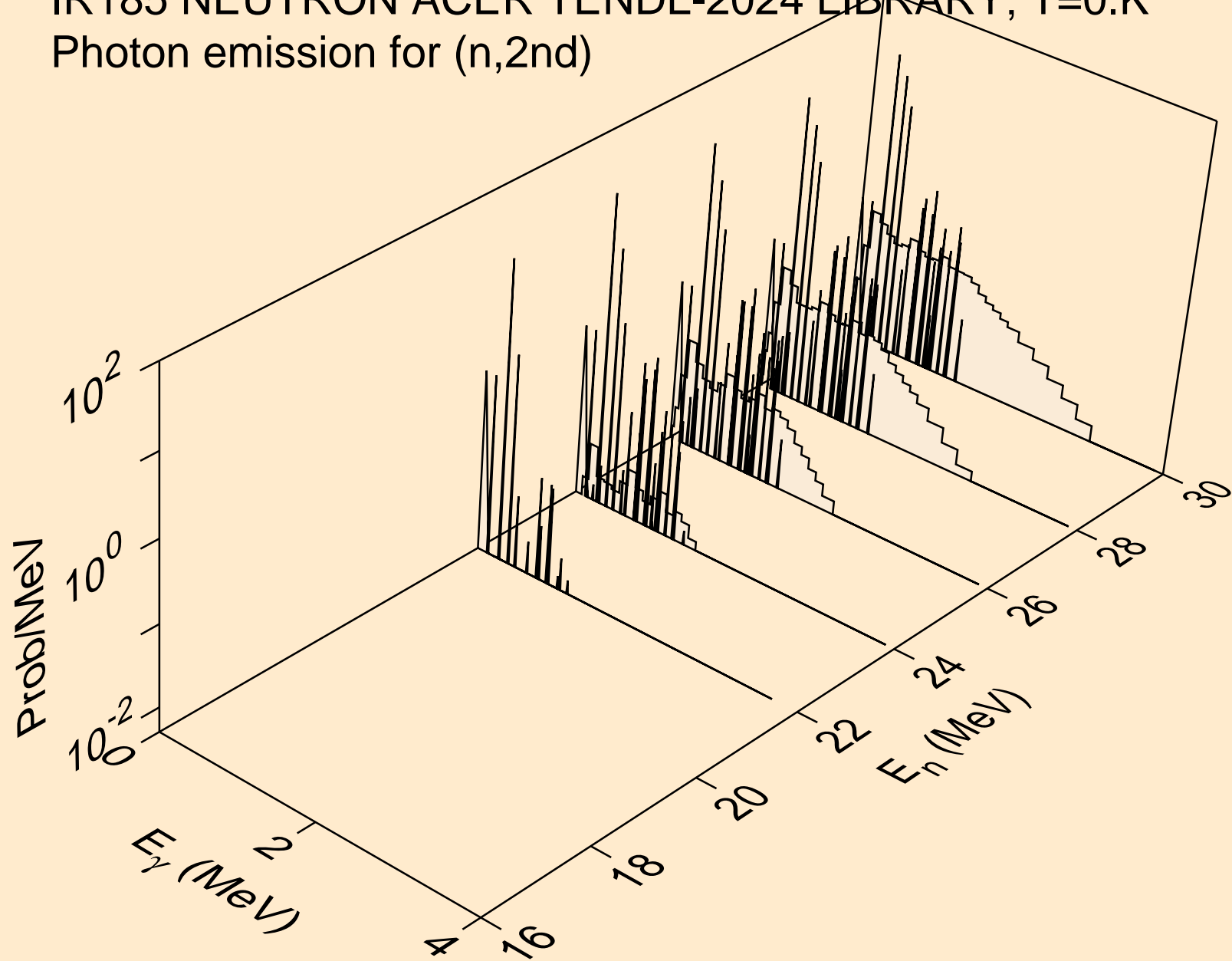
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



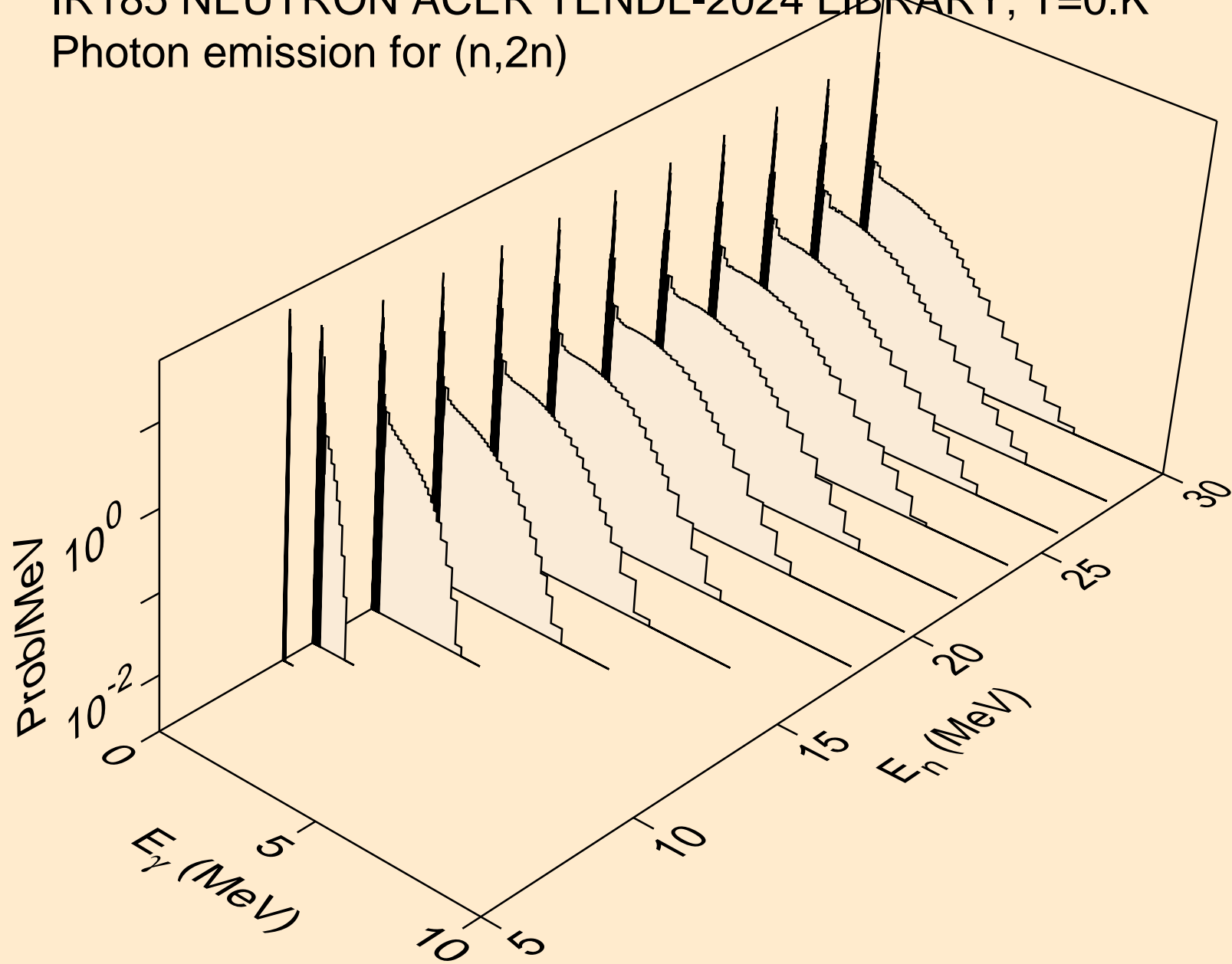
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



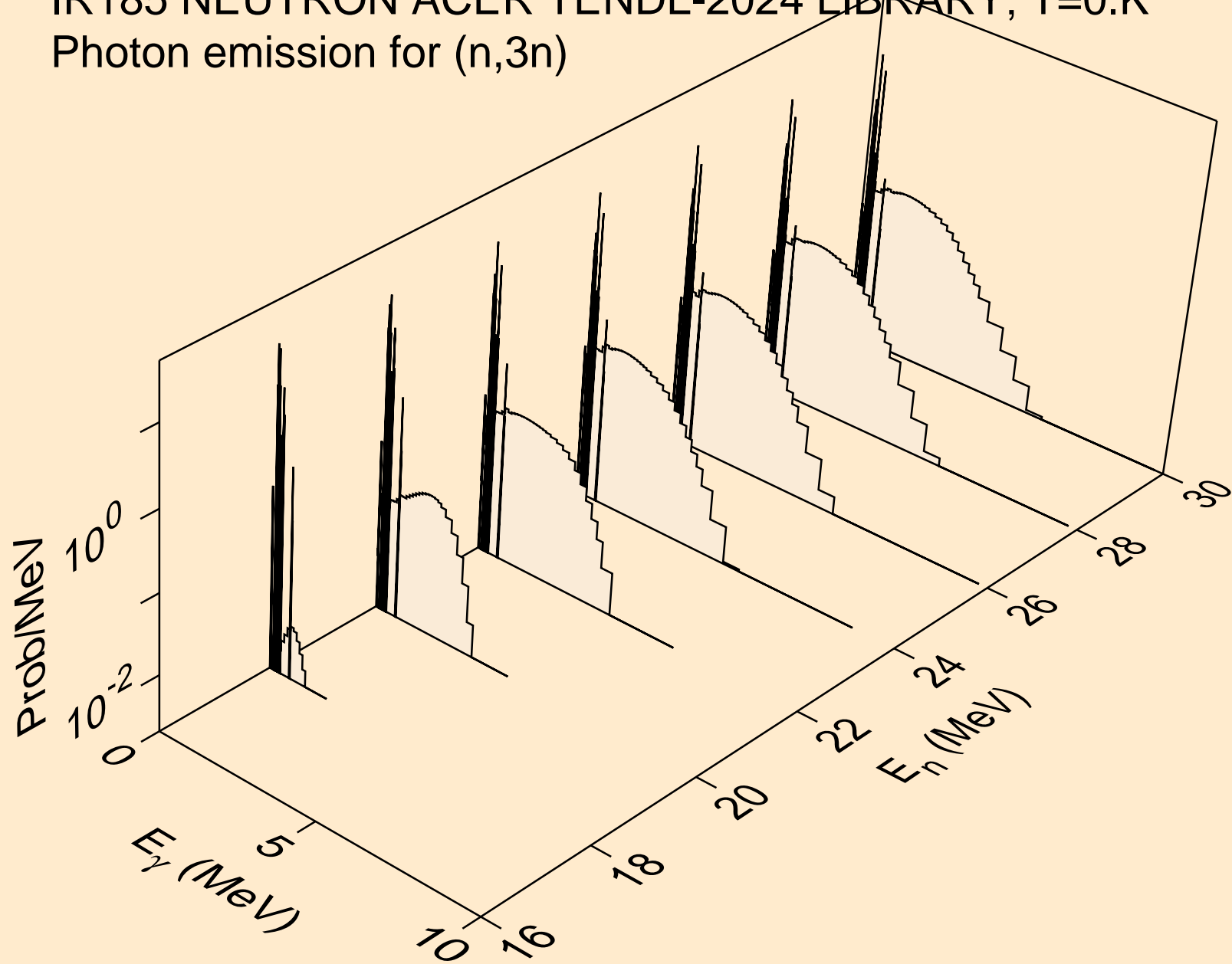
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Photon emission for (n,2nd)



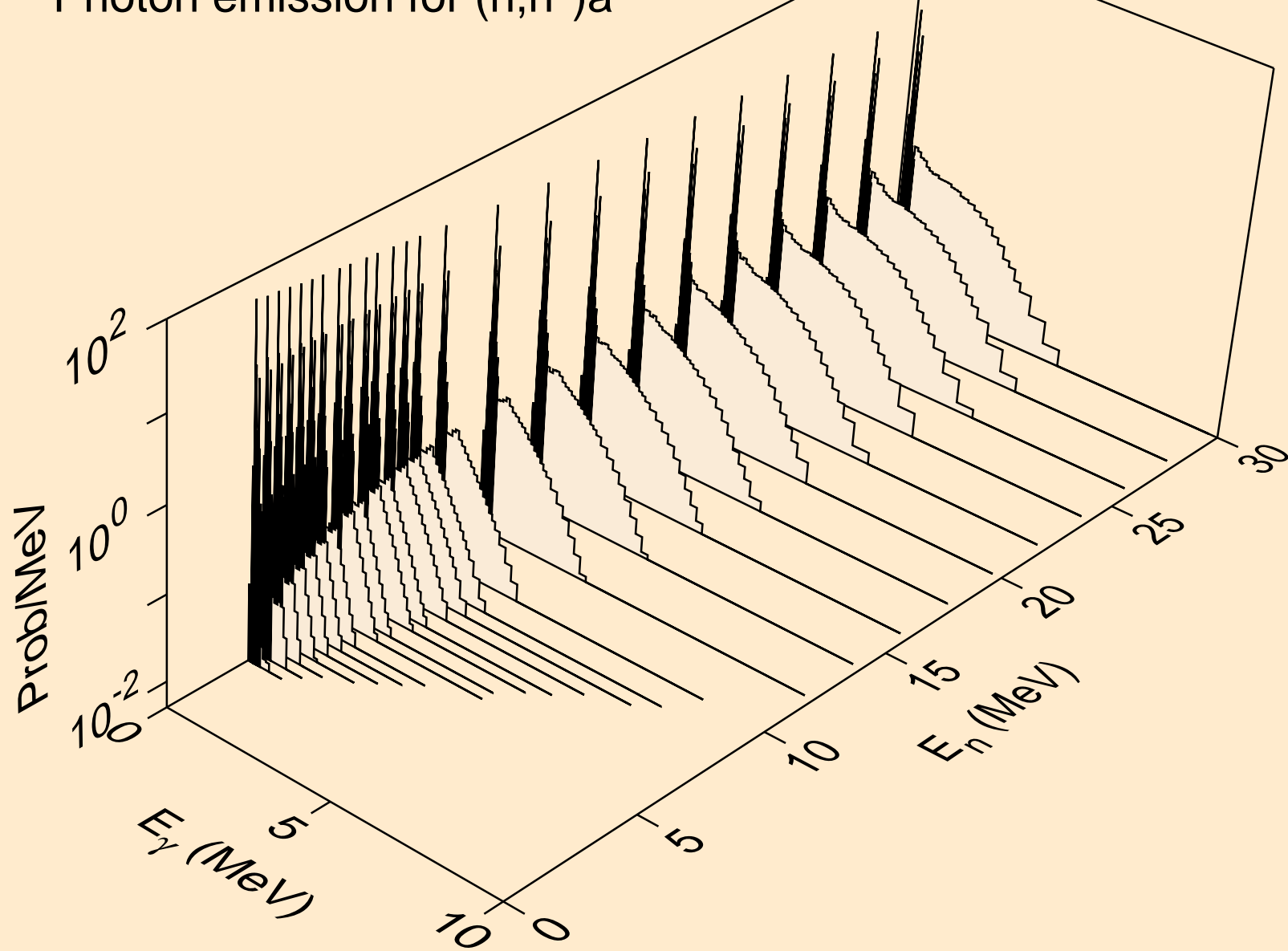
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Photon emission for (n,2n)



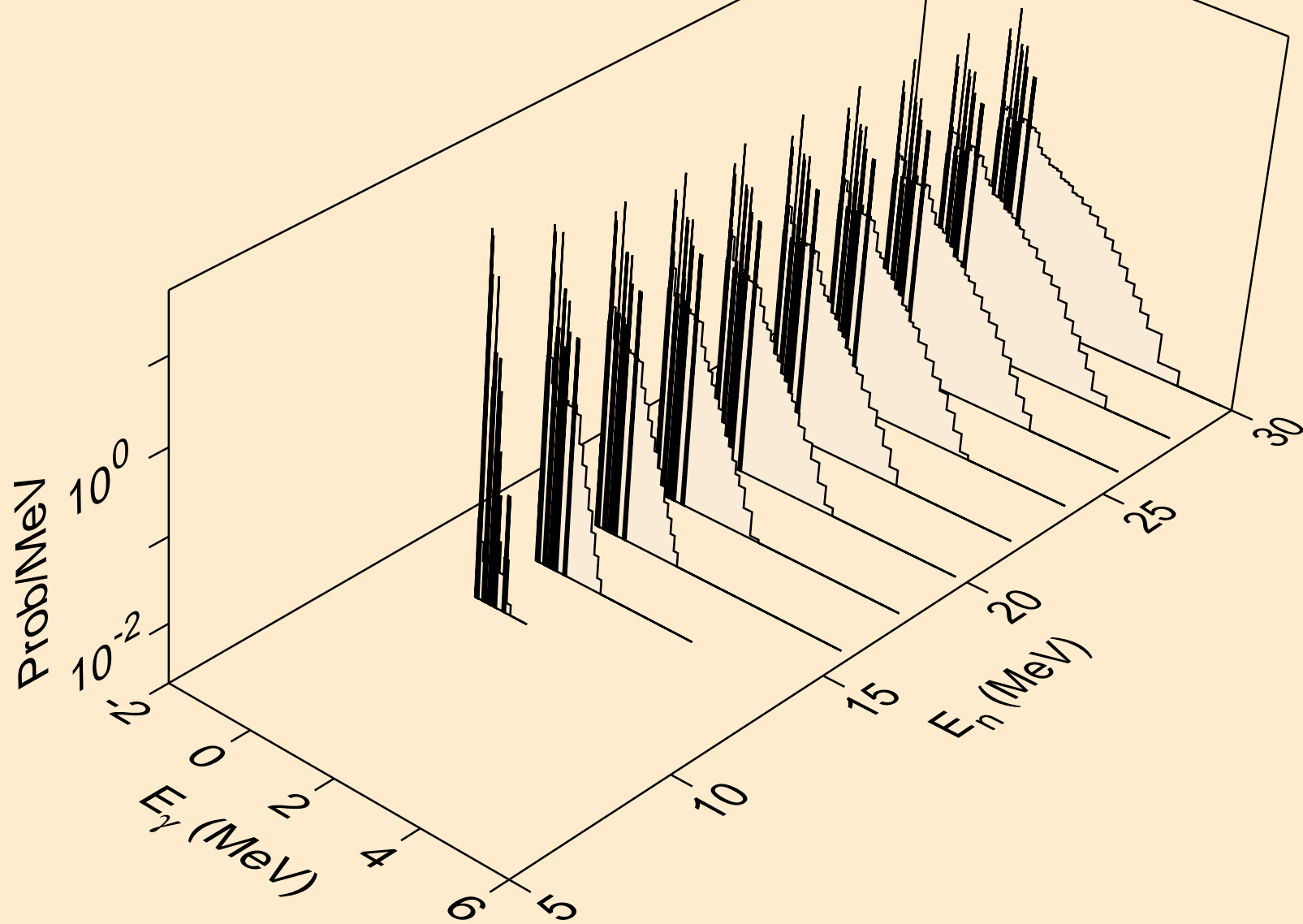
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Photon emission for (n,3n)



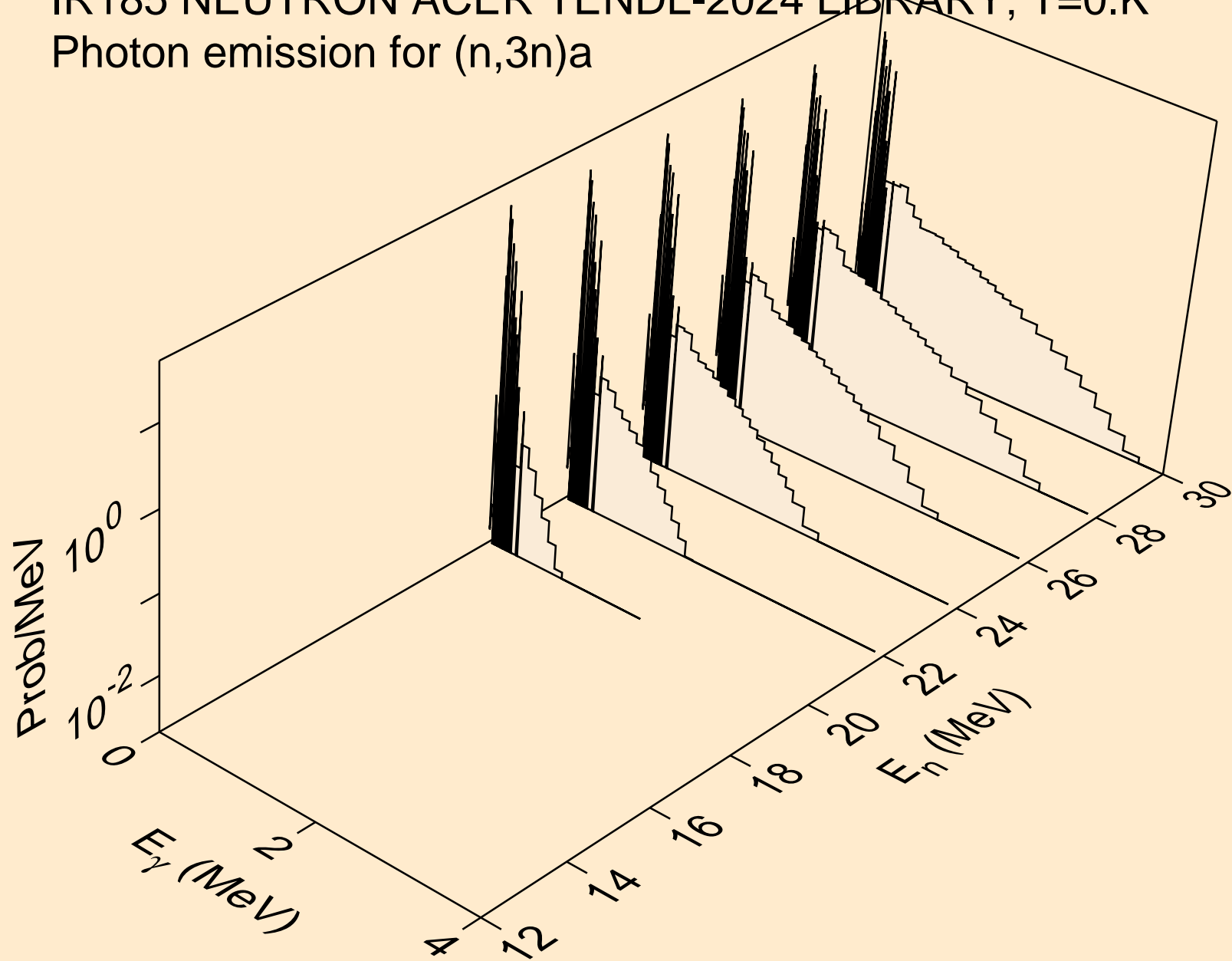
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

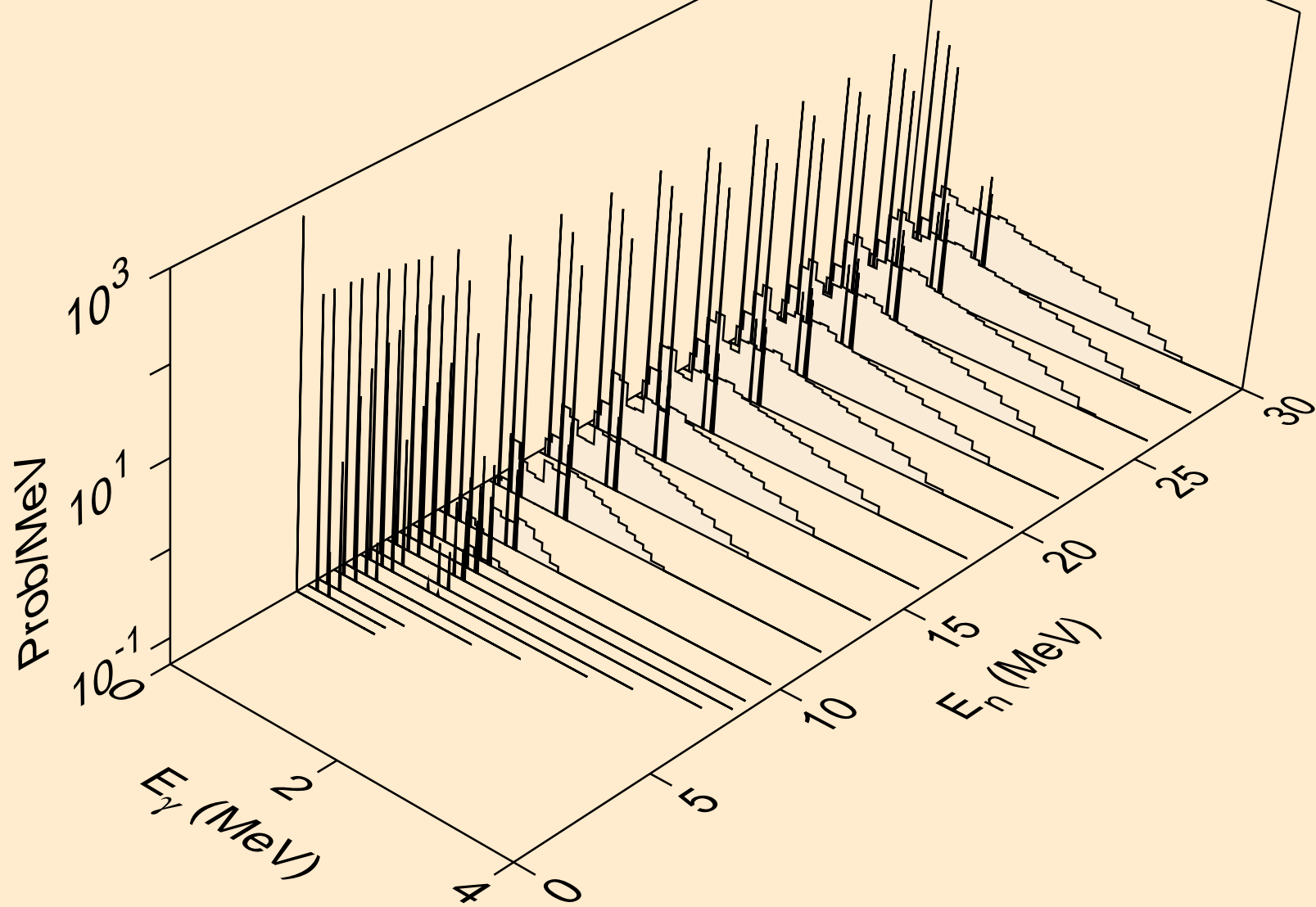


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a

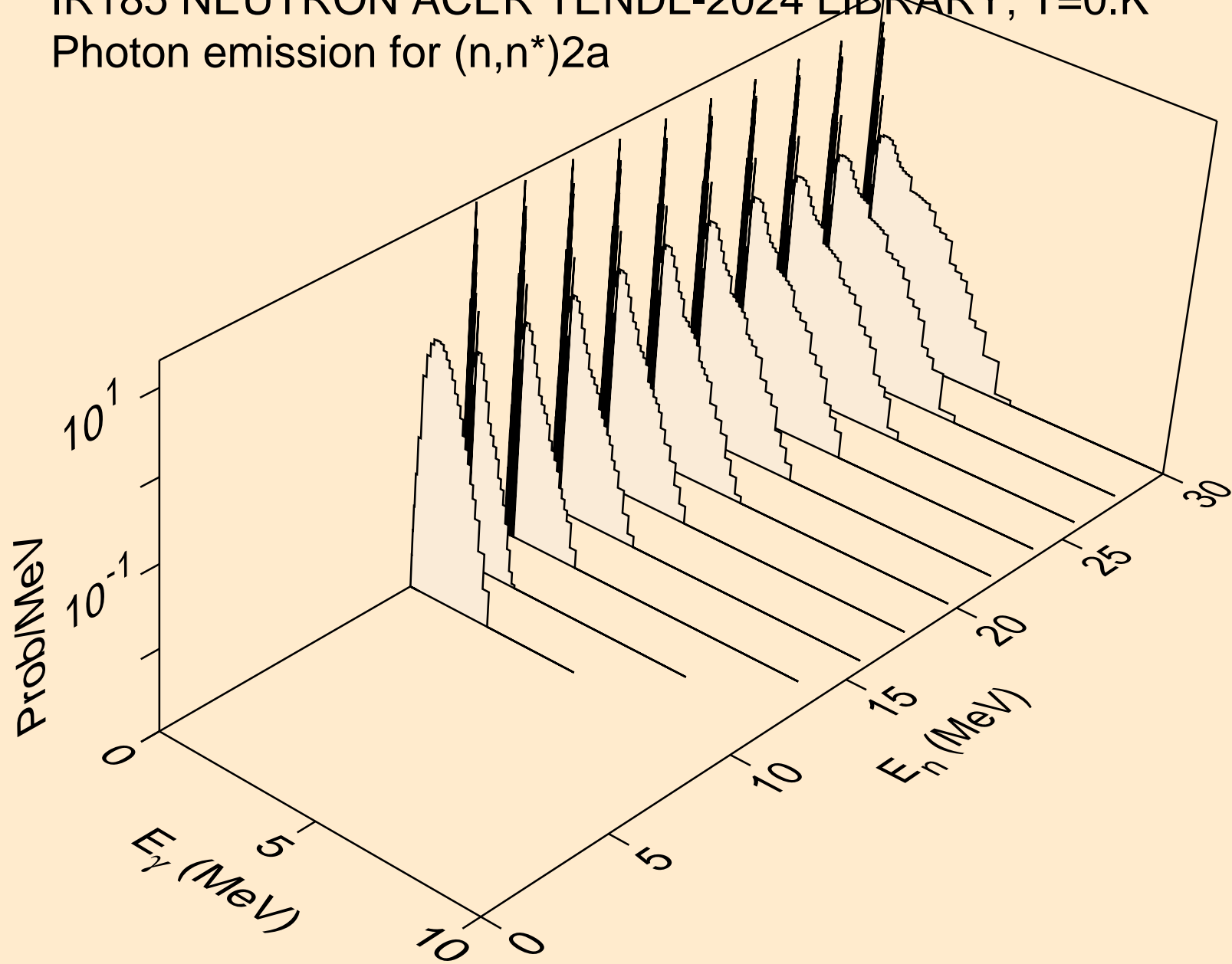




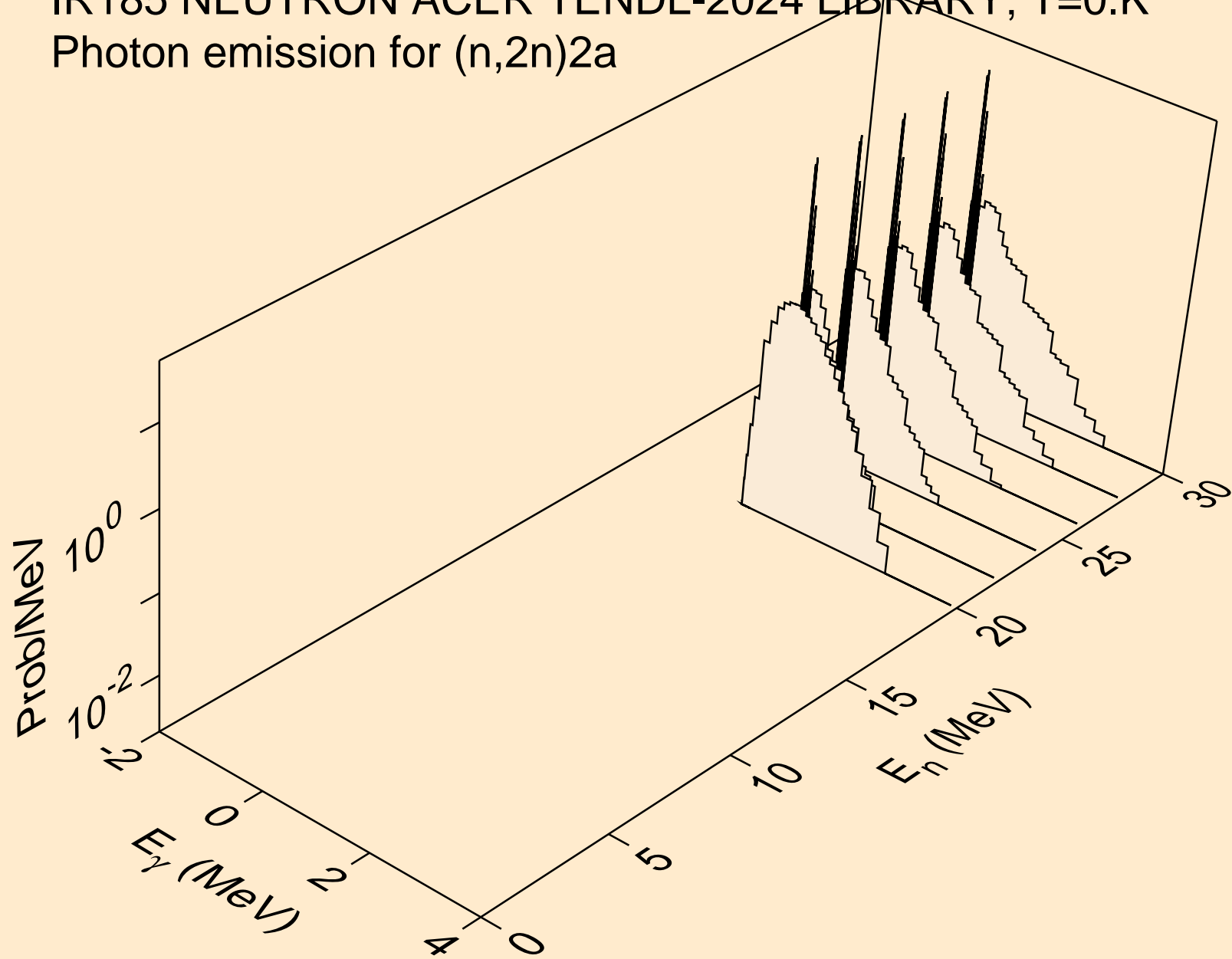
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



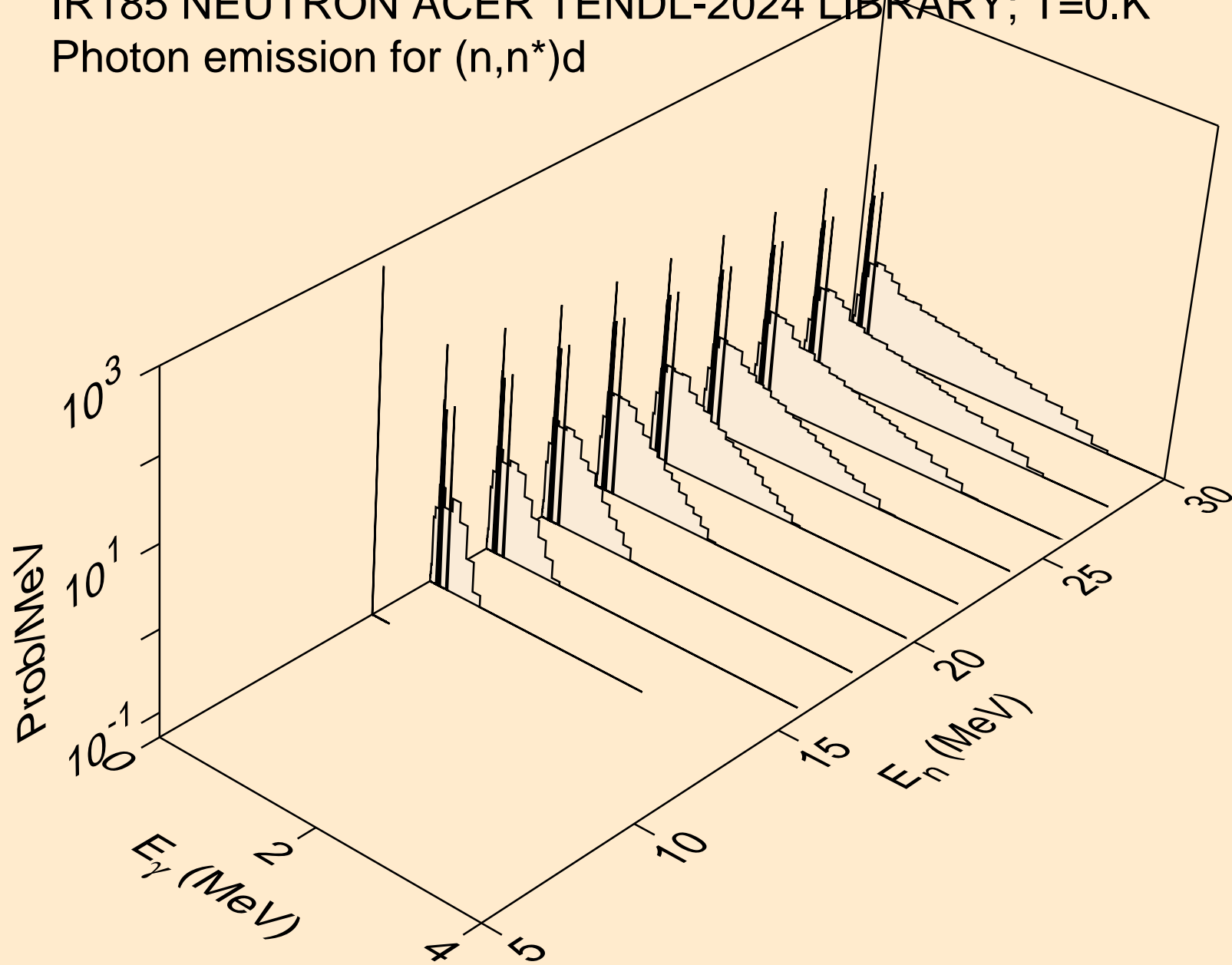
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Photon emission for (n,n\*)2a



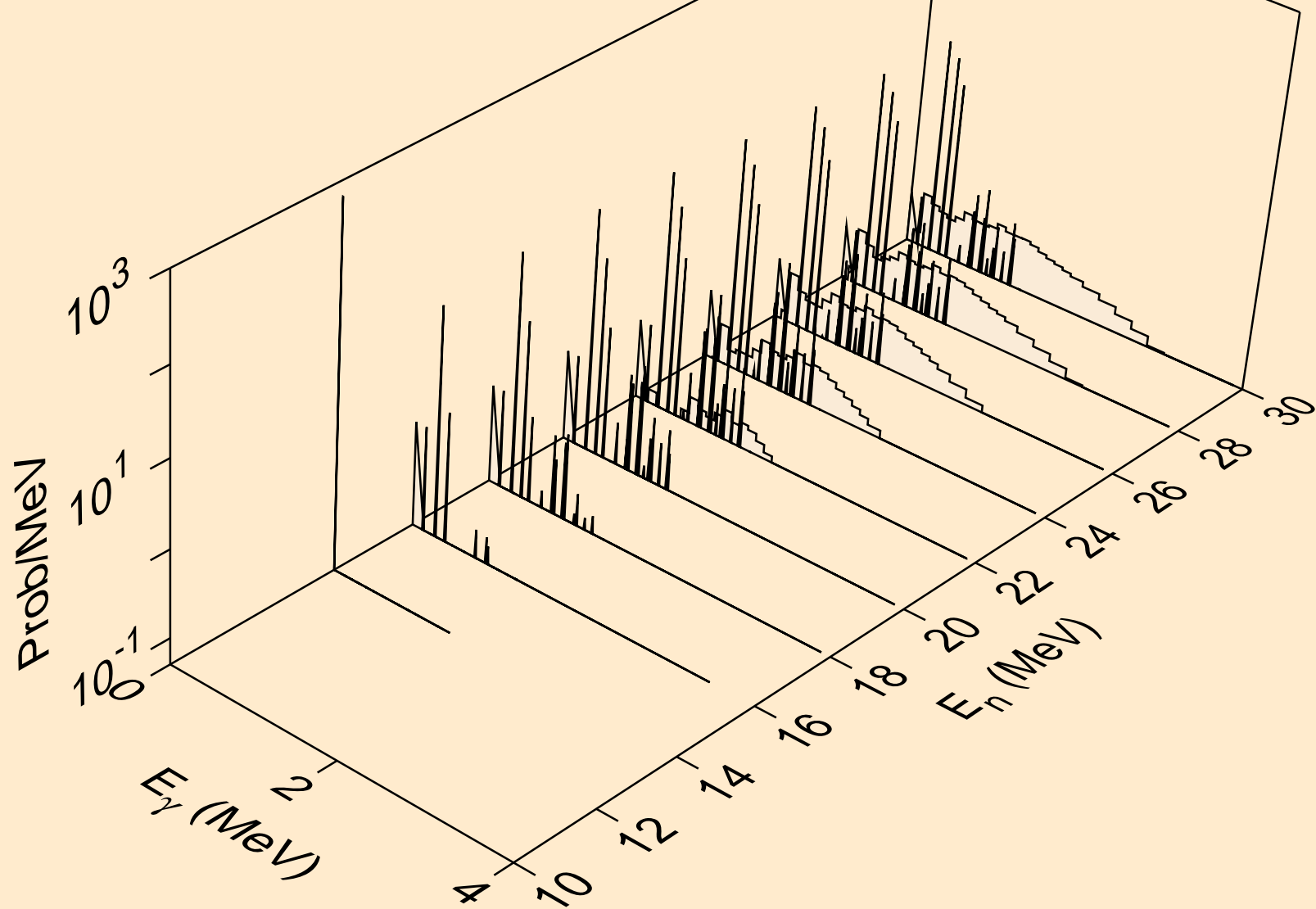
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Photon emission for (n,2n)2a



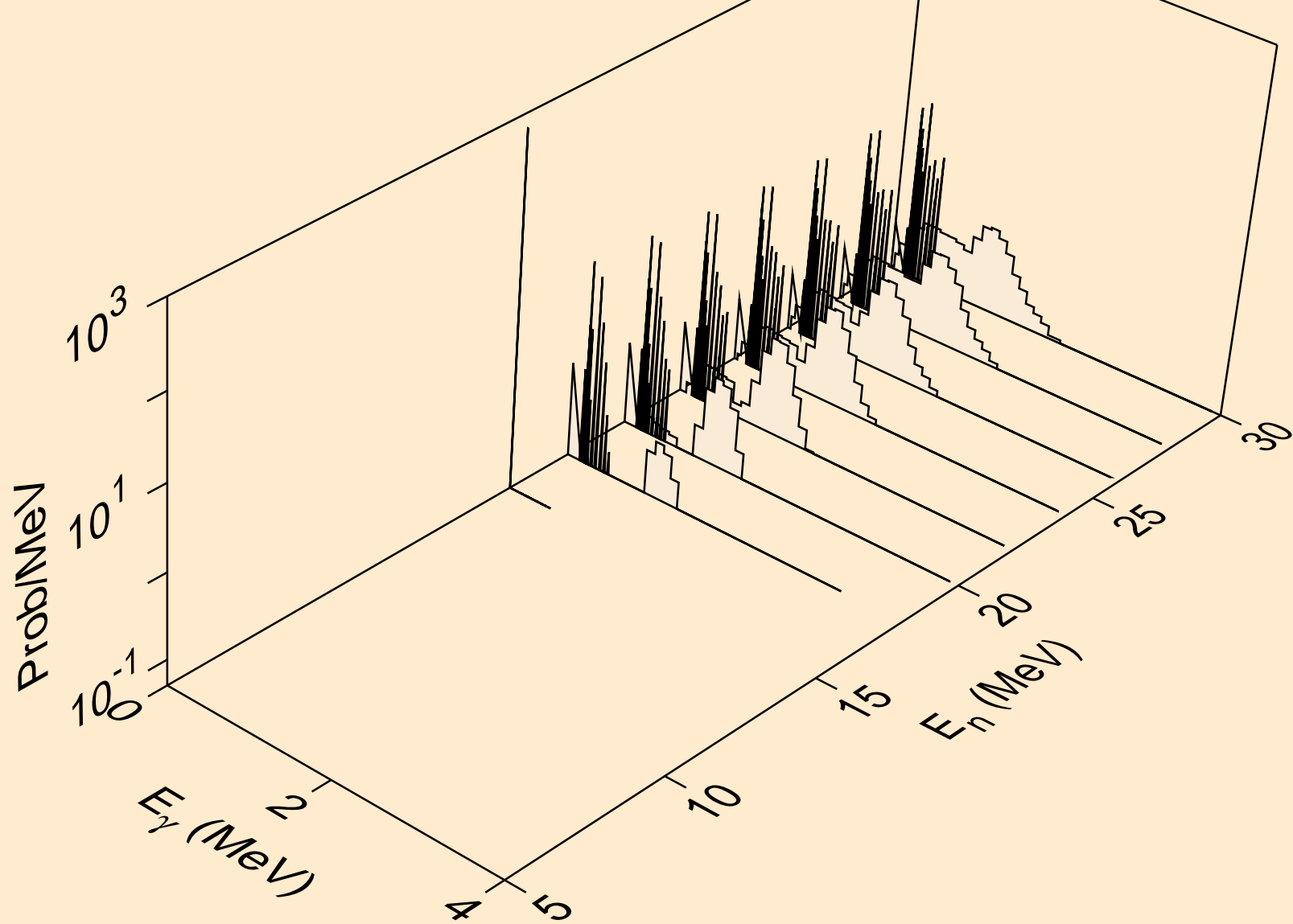
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Photon emission for (n,n\*)d



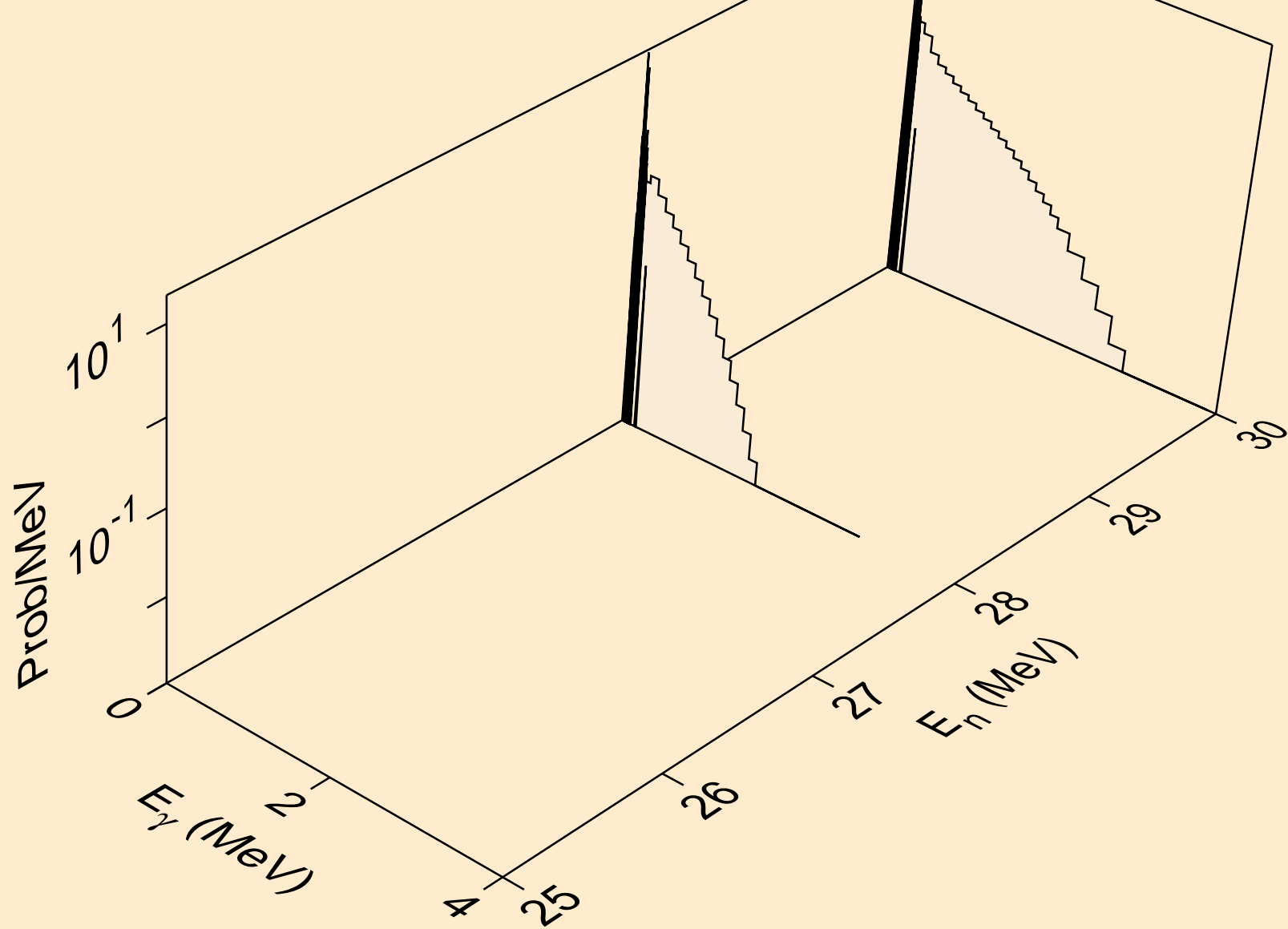
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Photon emission for (n,n\*)t



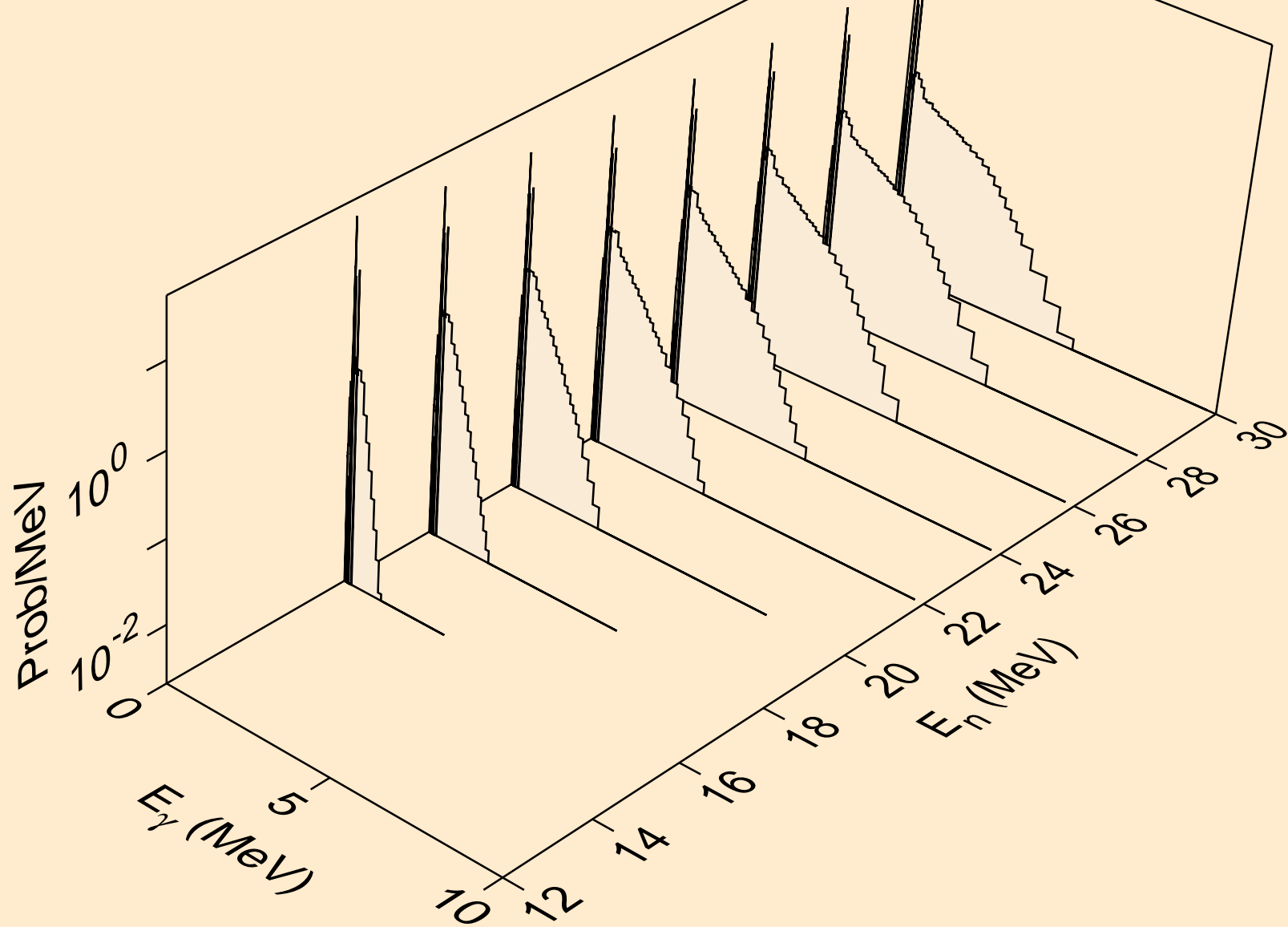
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

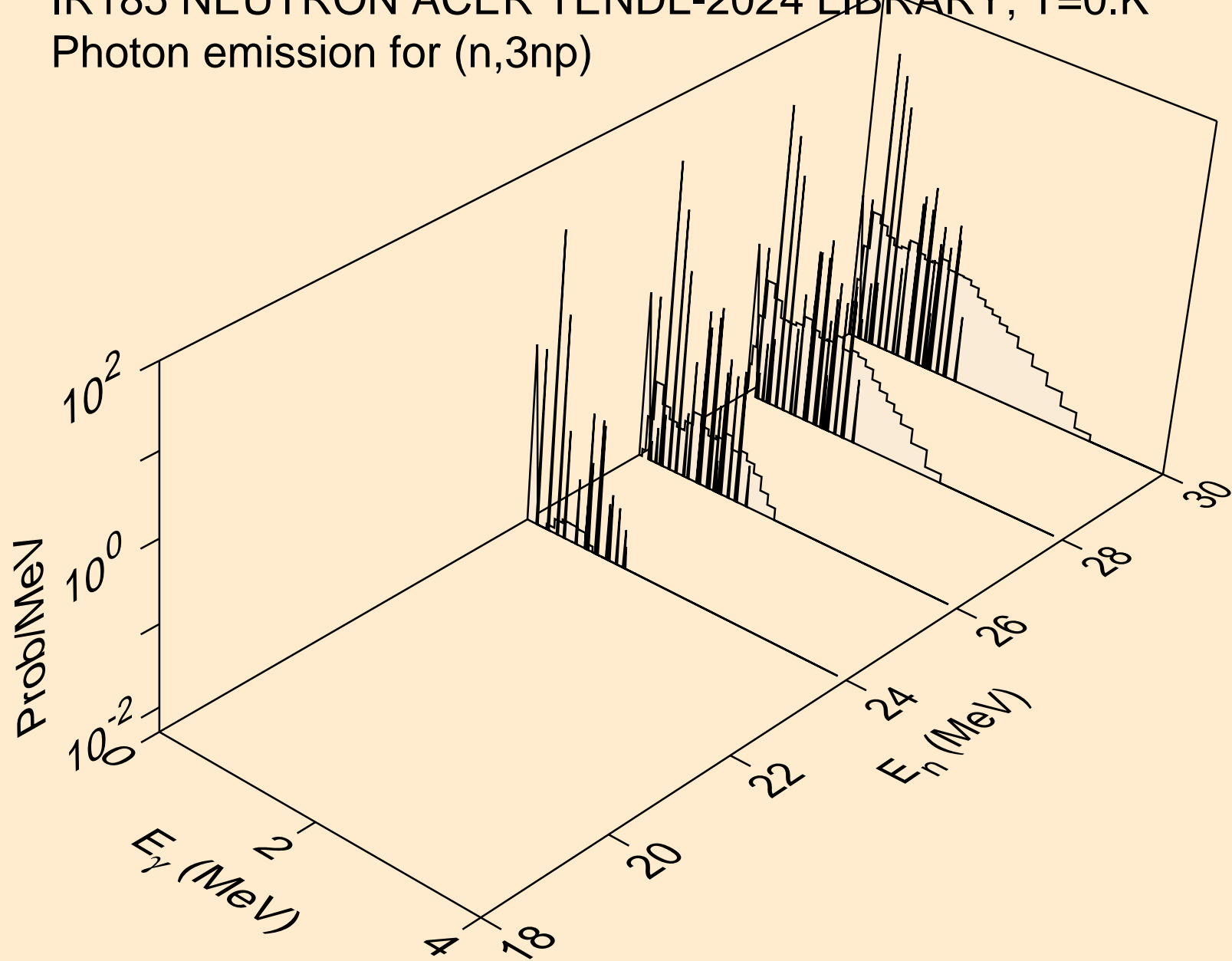


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Photon emission for (n,2np)

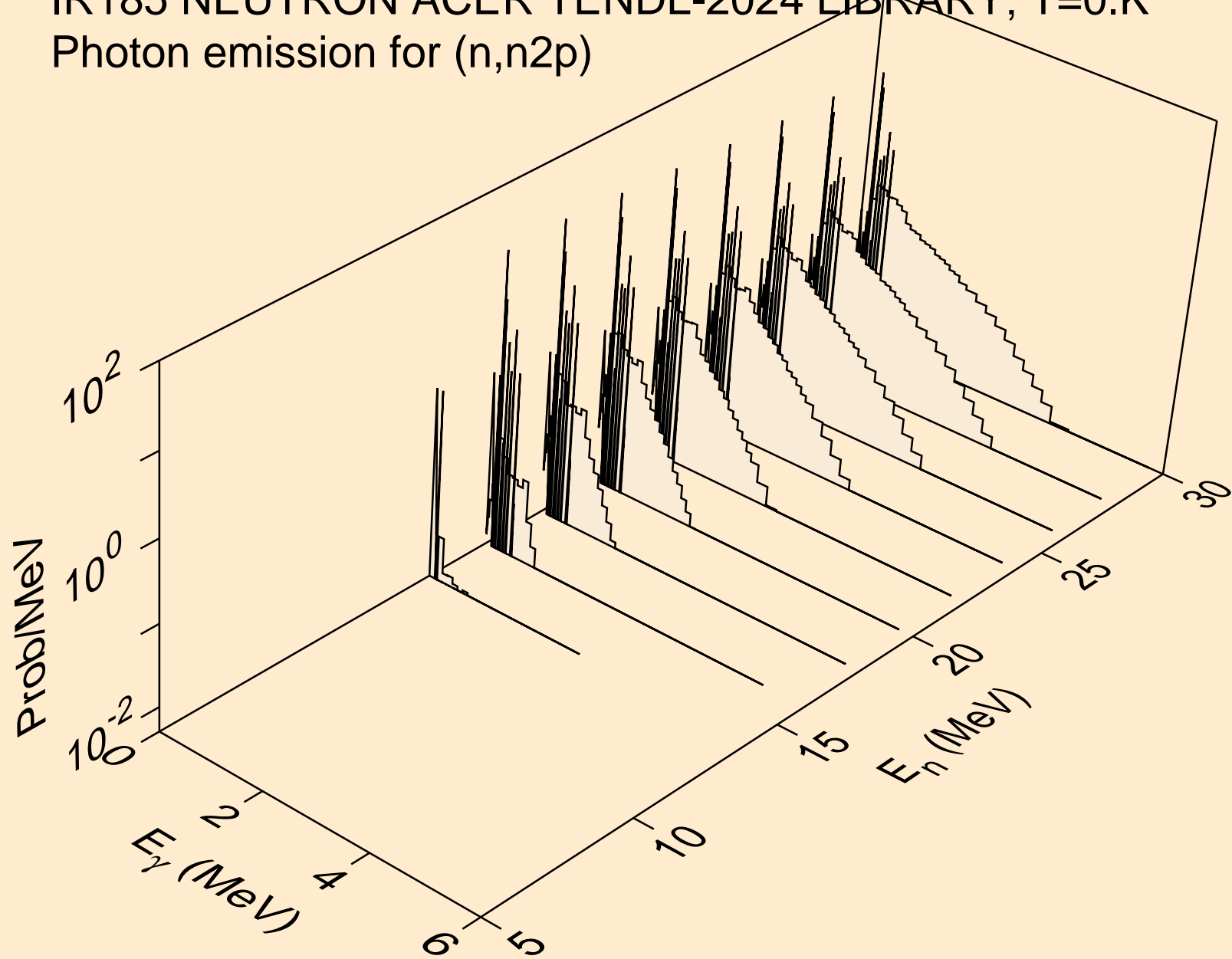




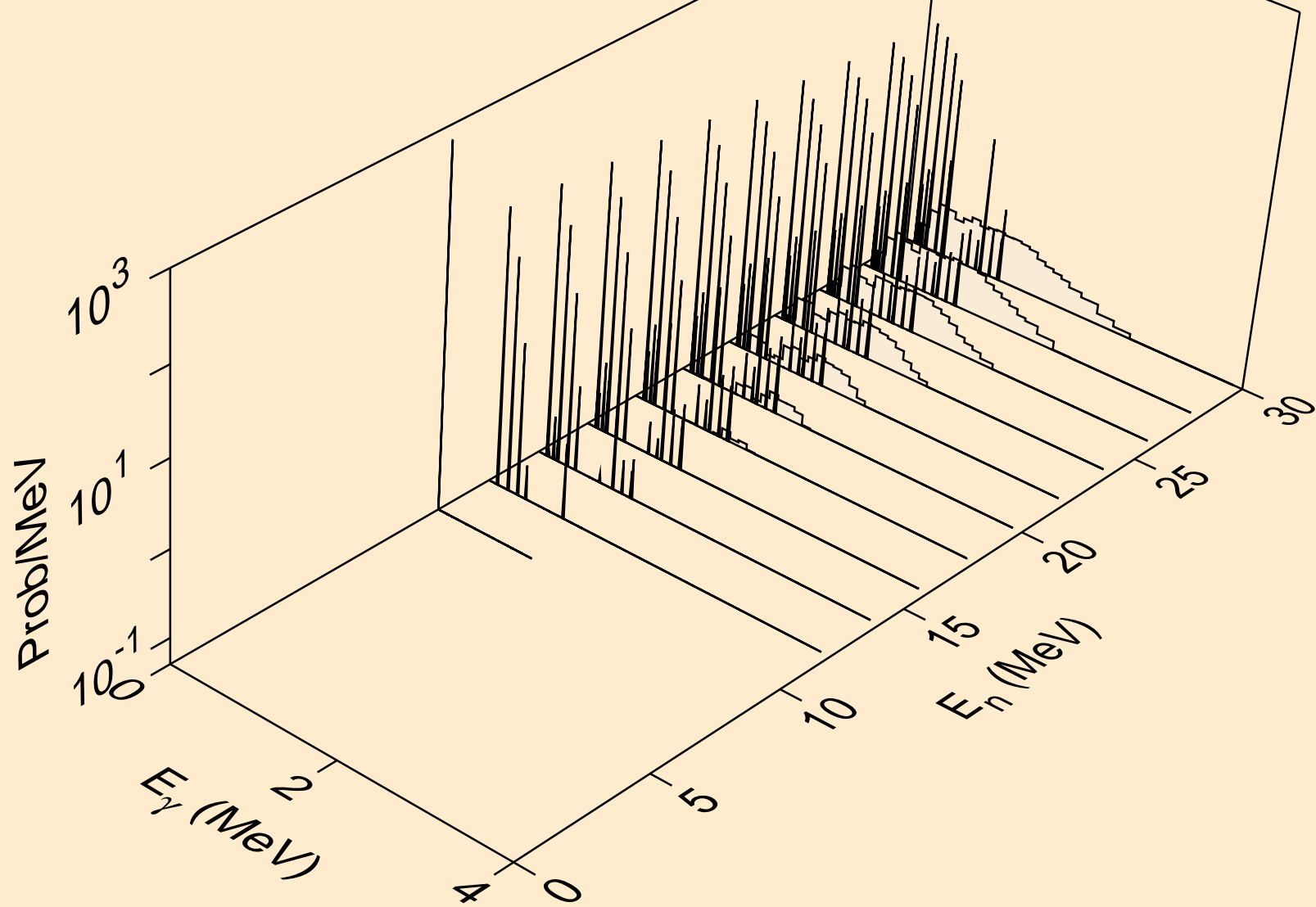
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Photon emission for (n,3np)



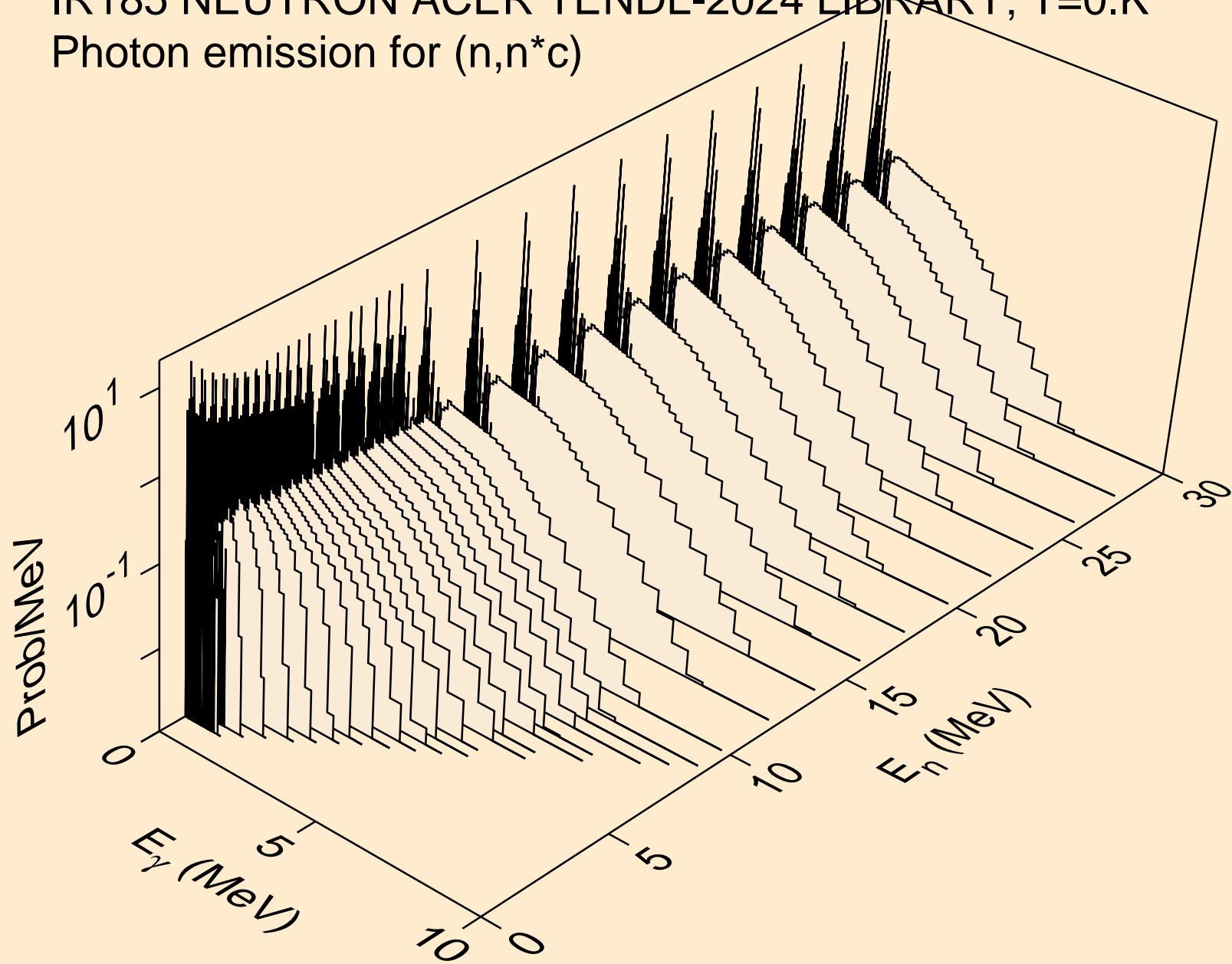
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Photon emission for (n,n2p)



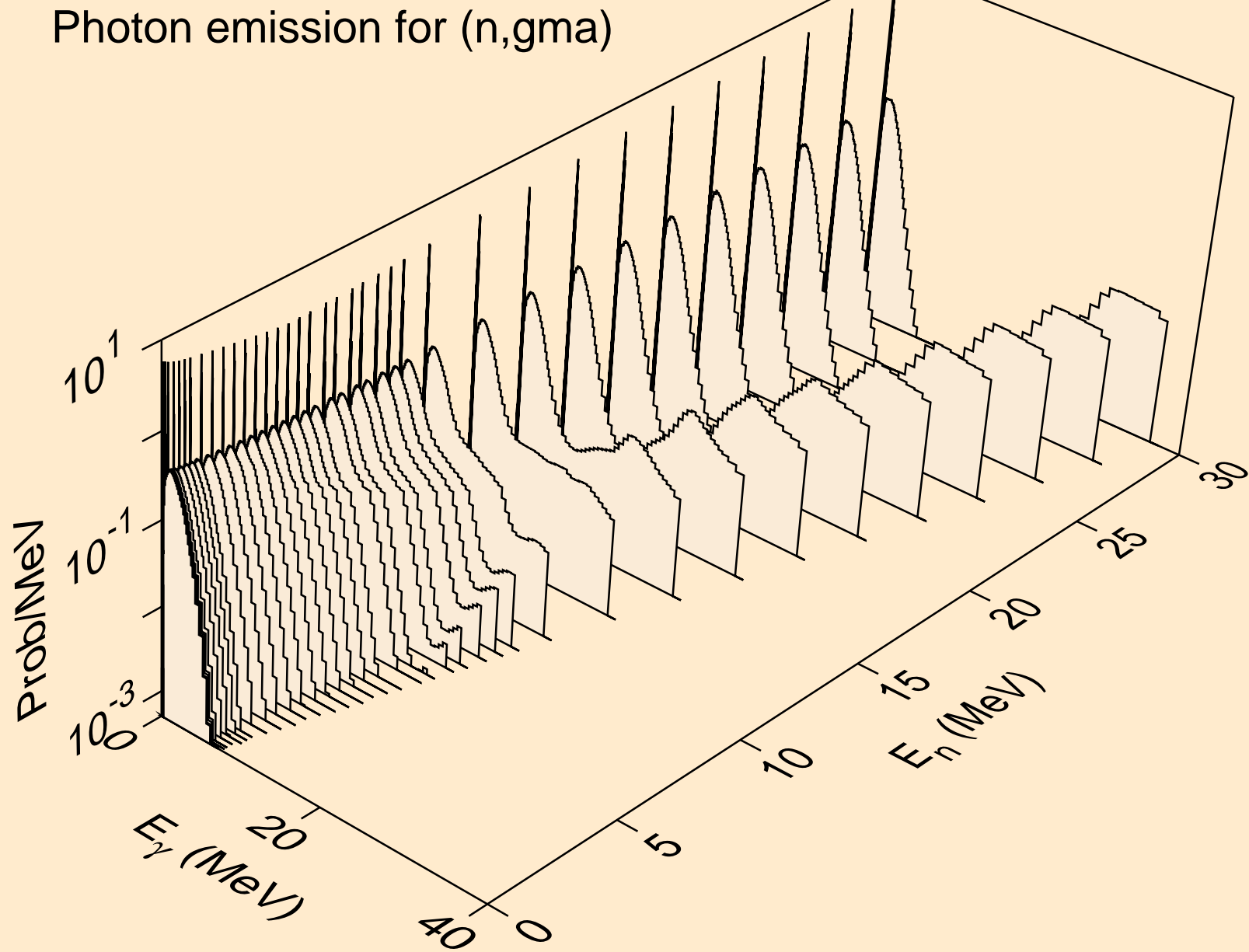
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Photon emission for (n,npa)



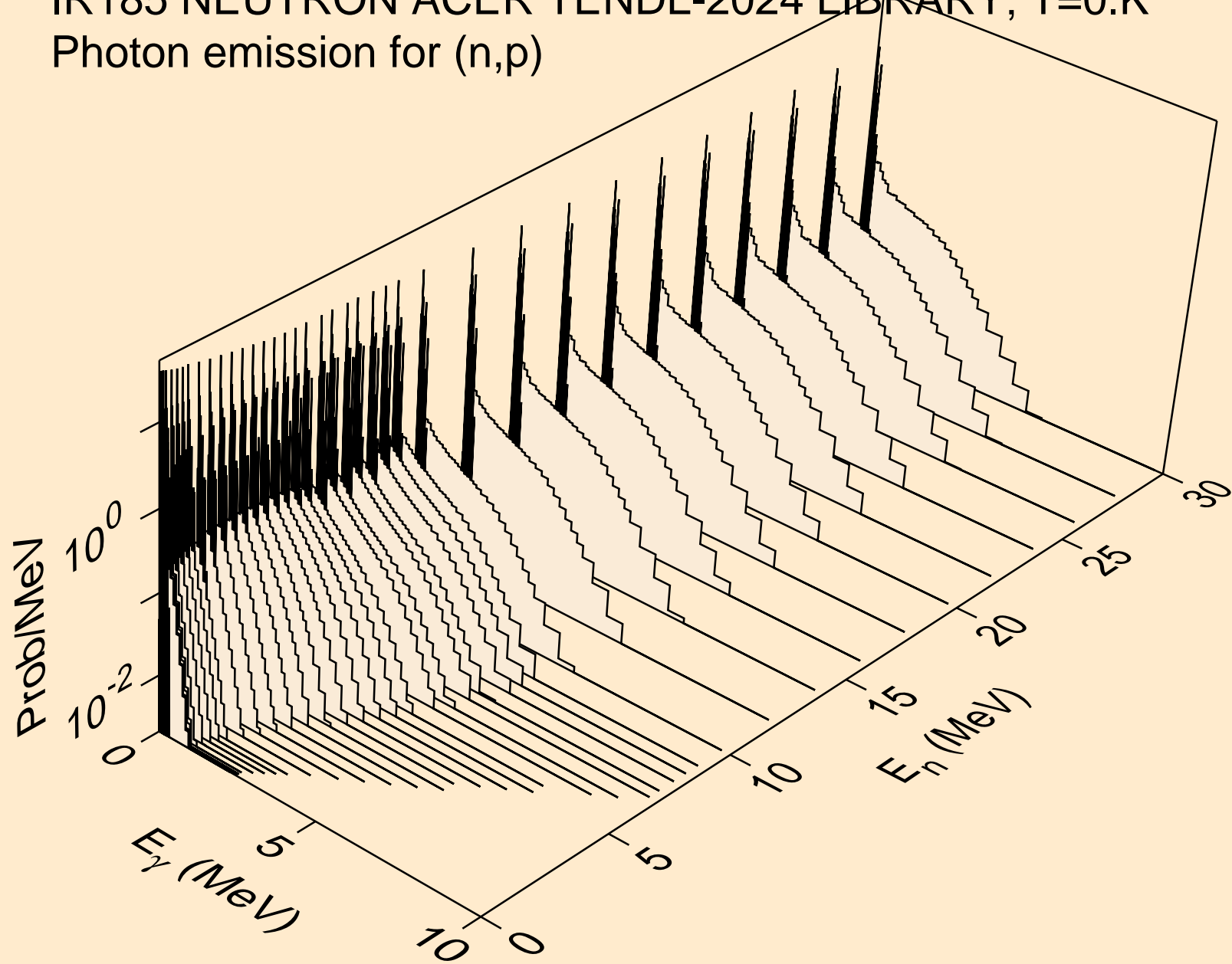
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Photon emission for (n,n\*c)



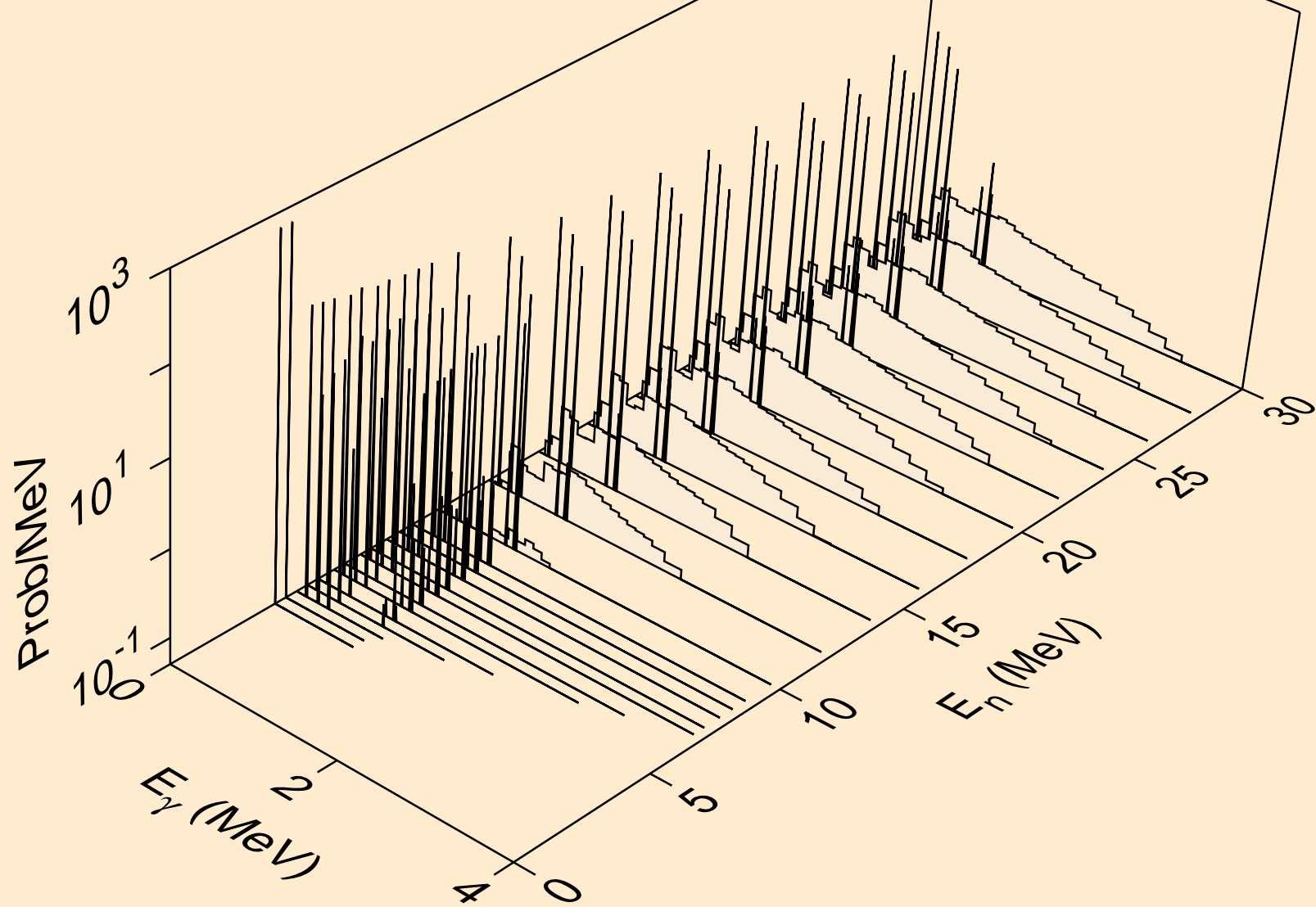
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Photon emission for (n,gma)



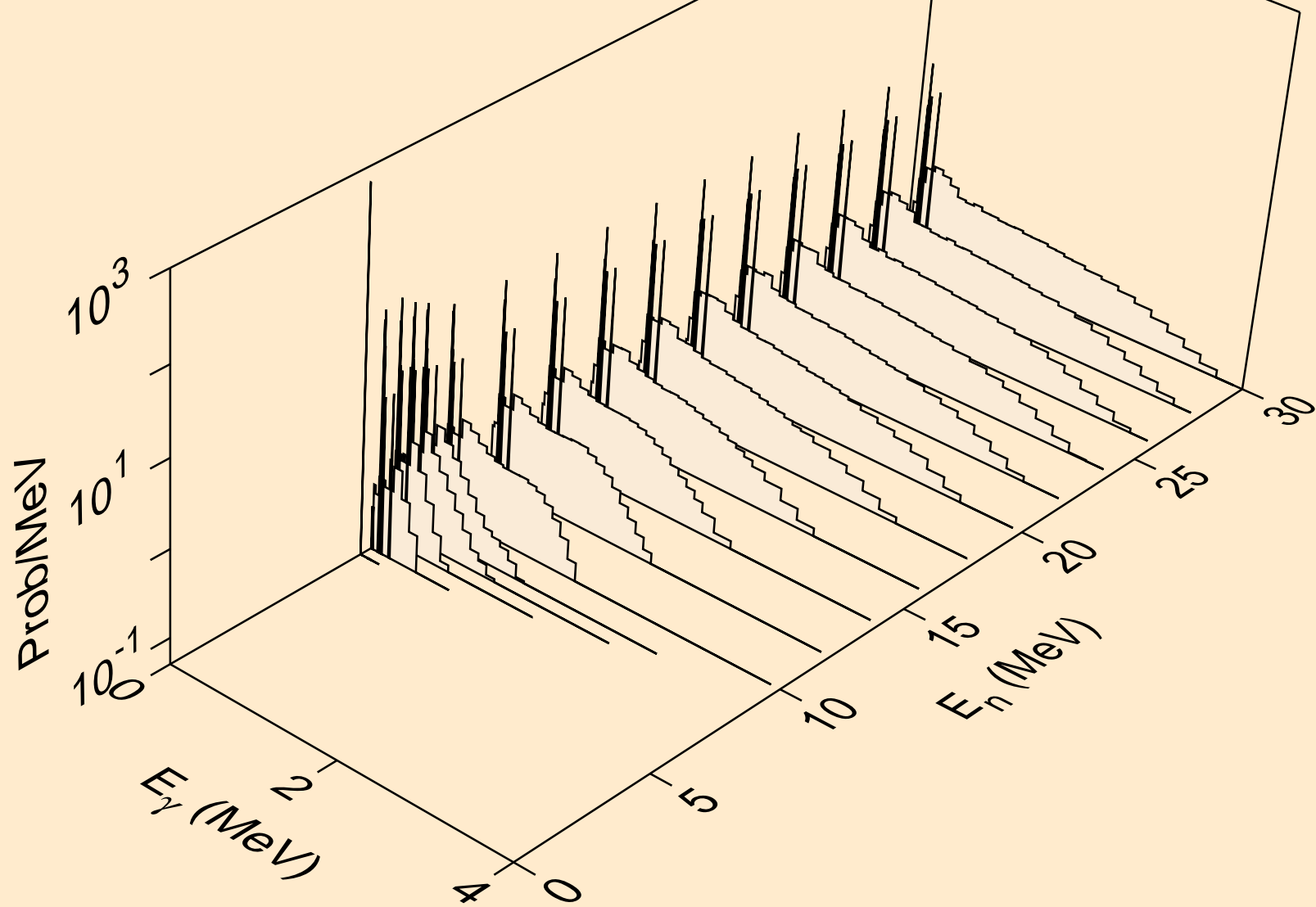
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Photon emission for (n,p)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

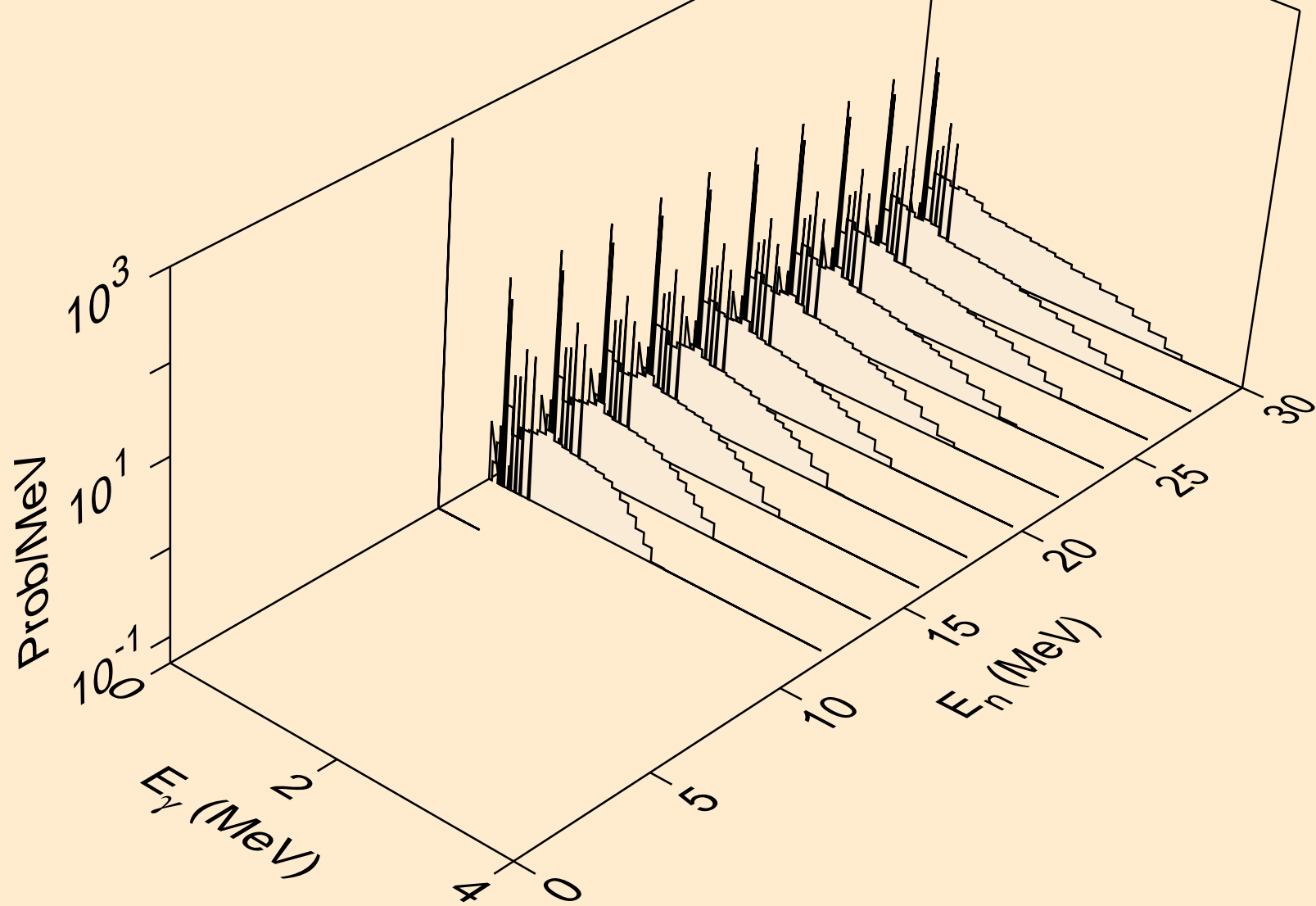


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Photon emission for (n,t)

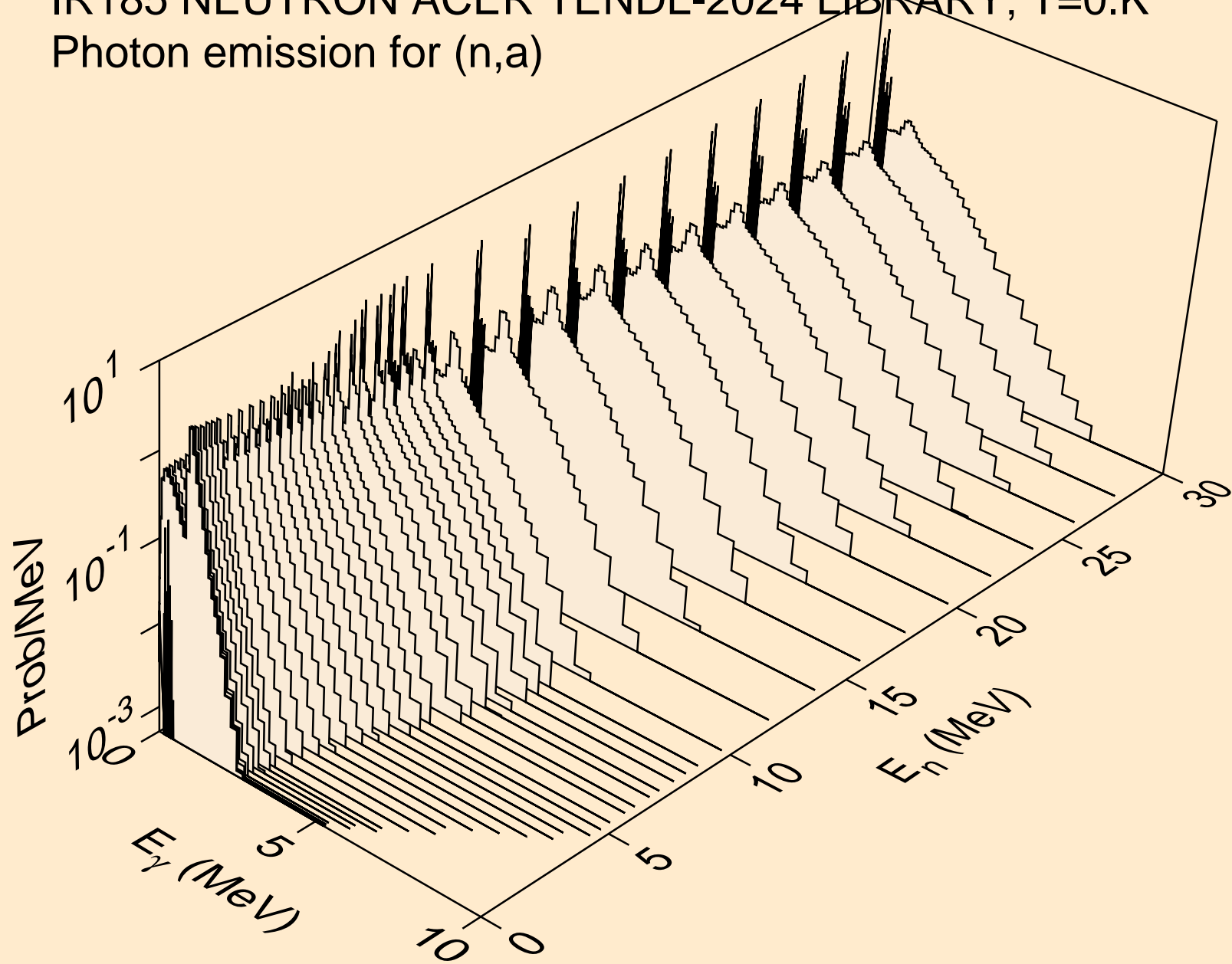




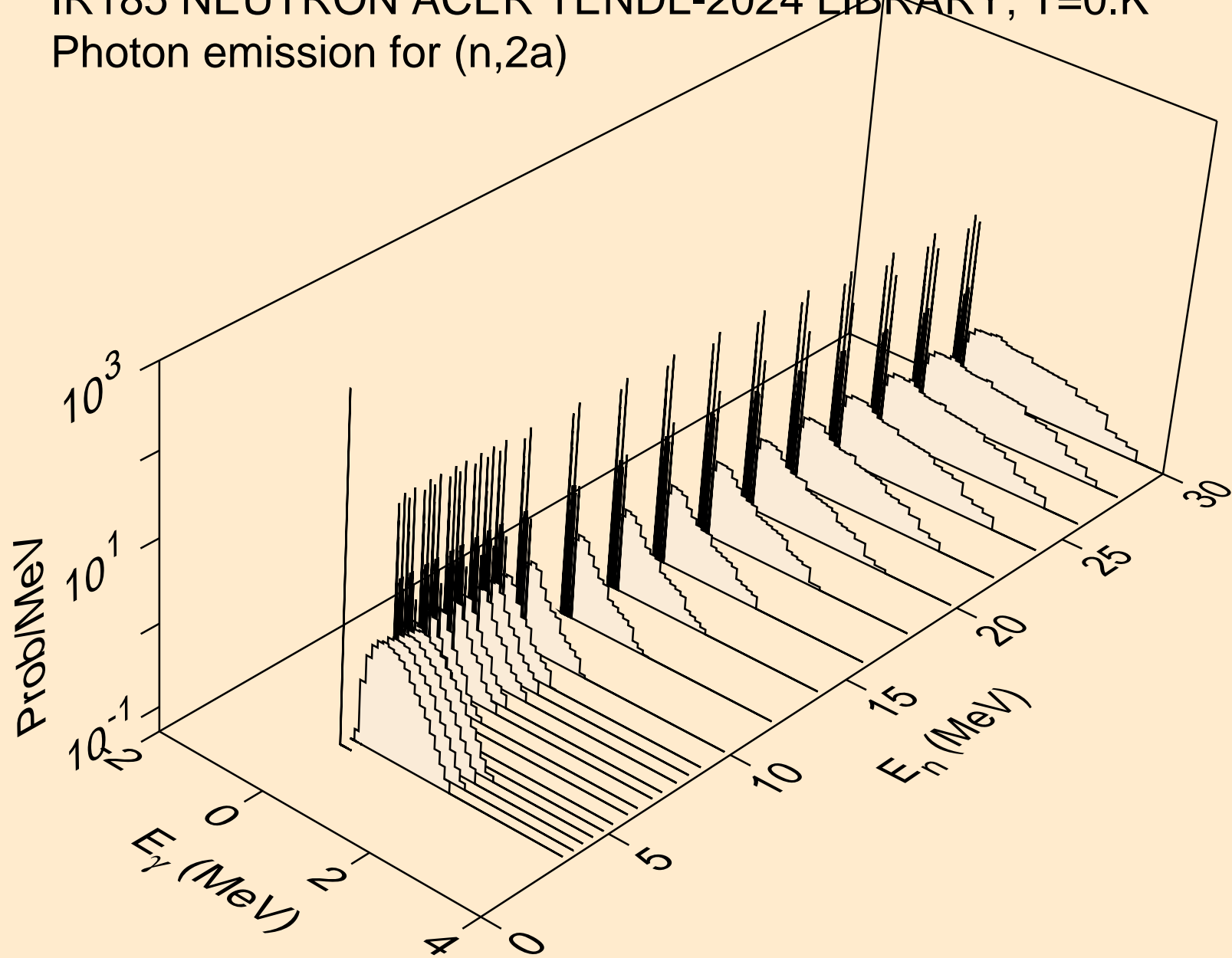
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Photon emission for (n,he3)



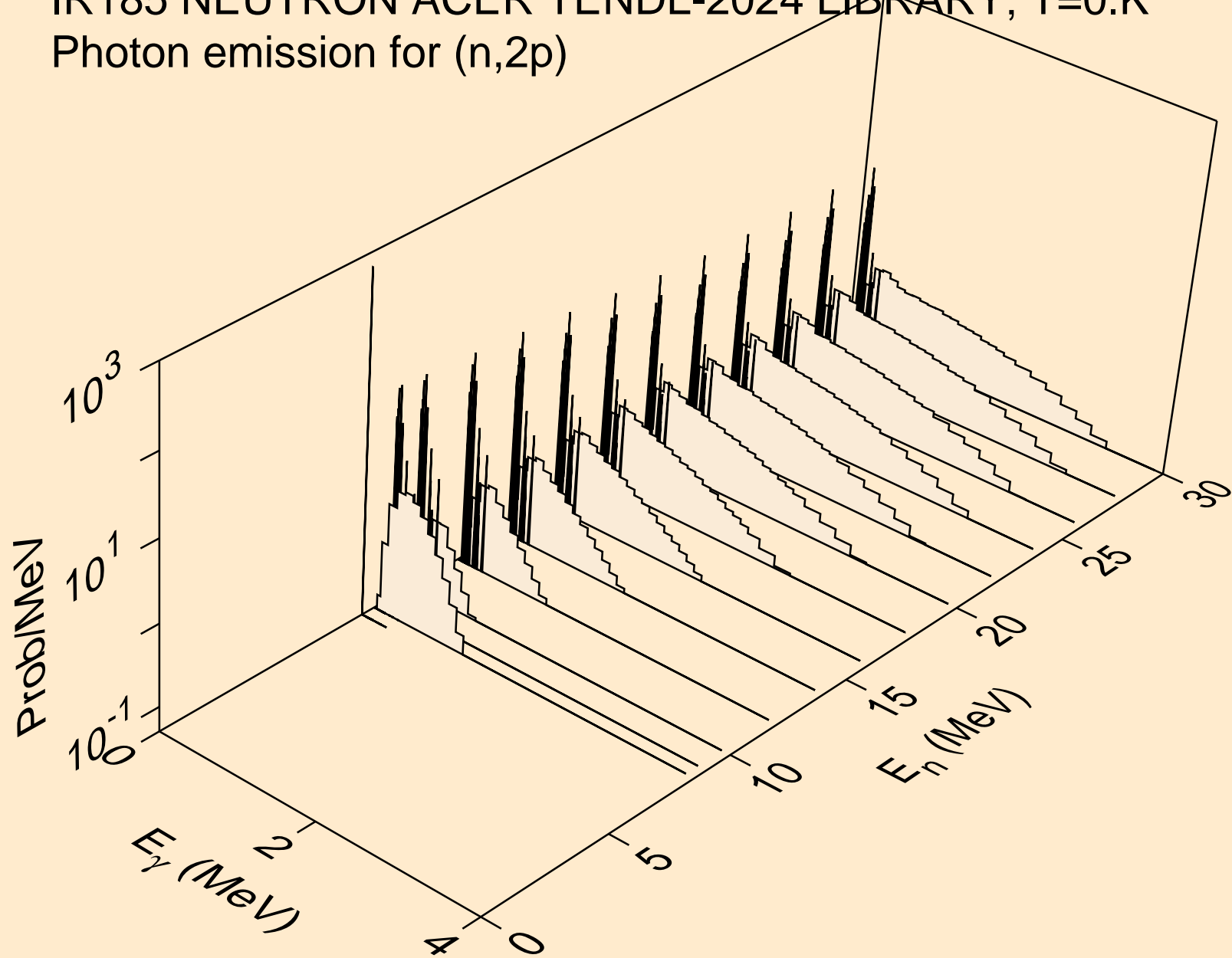
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Photon emission for (n,a)



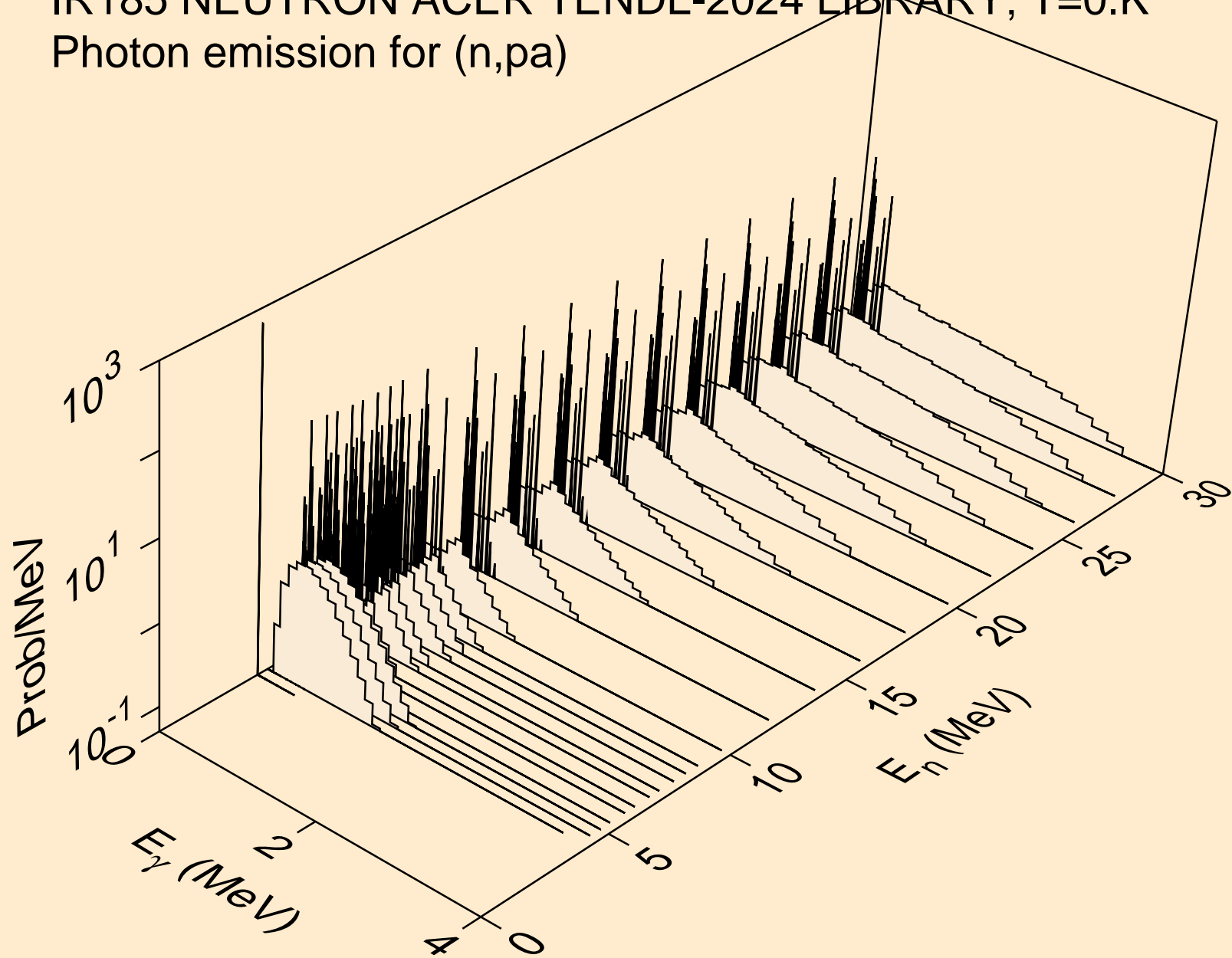
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Photon emission for (n,2a)



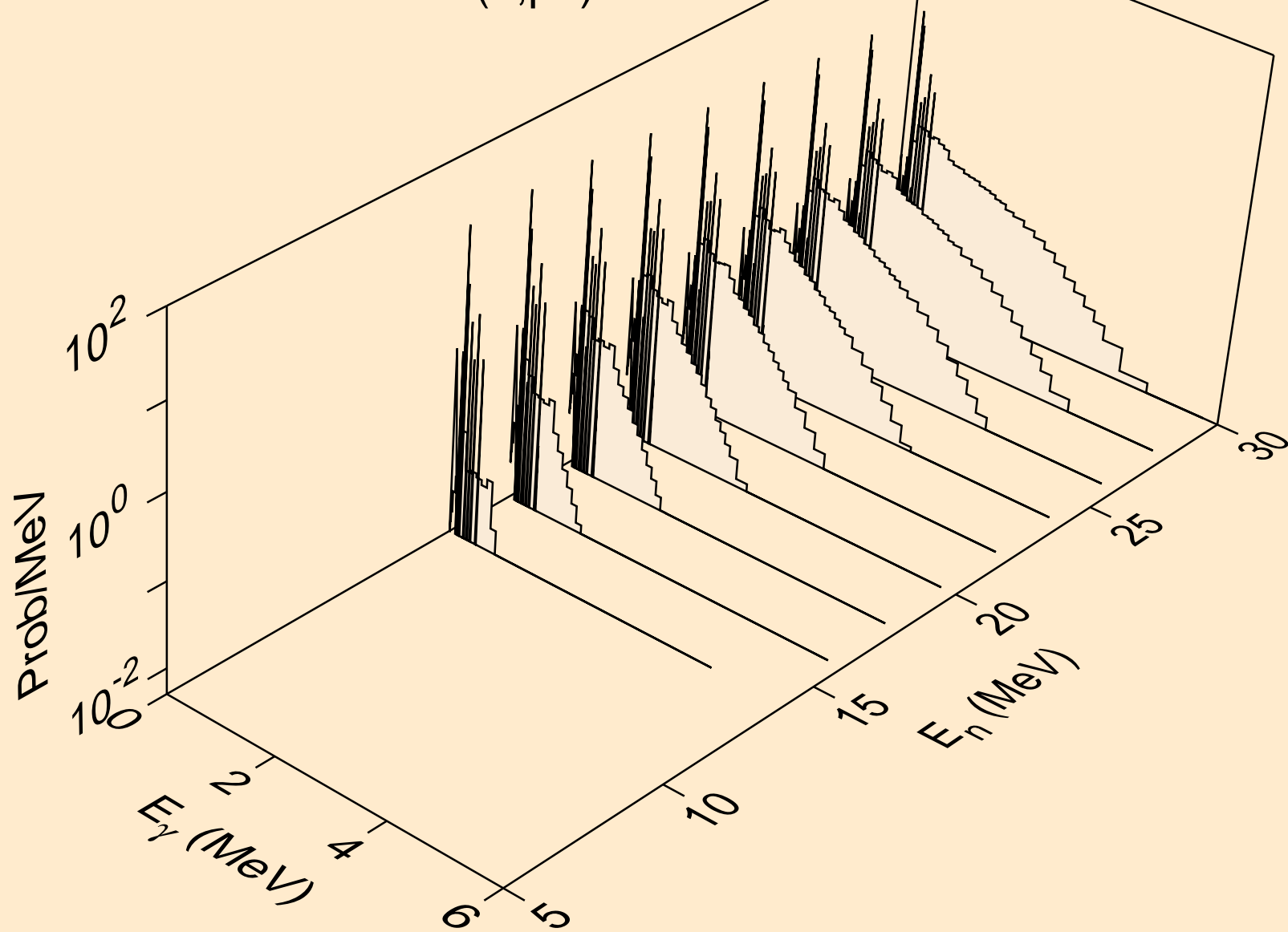
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Photon emission for (n,2p)



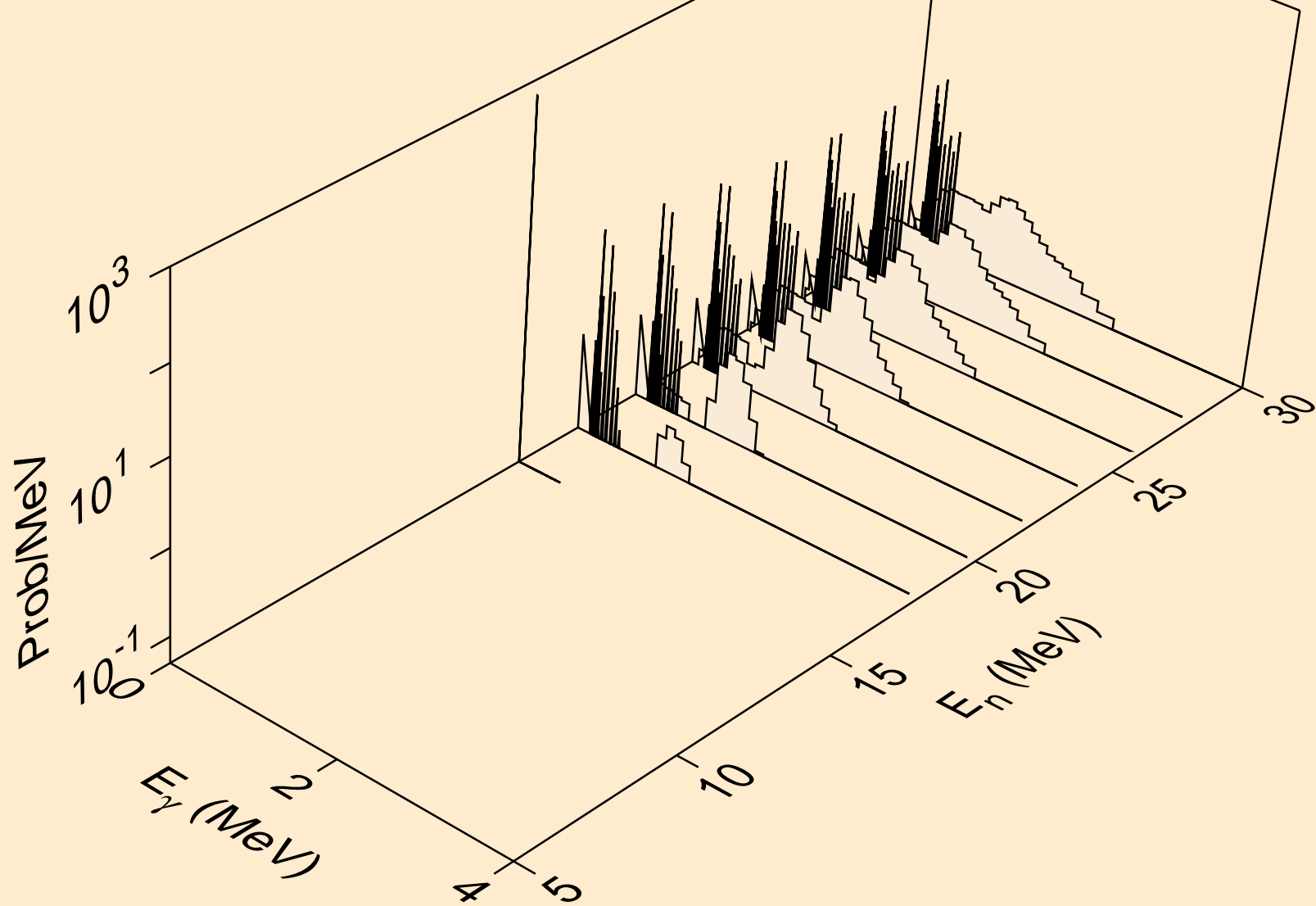
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Photon emission for (n,p)



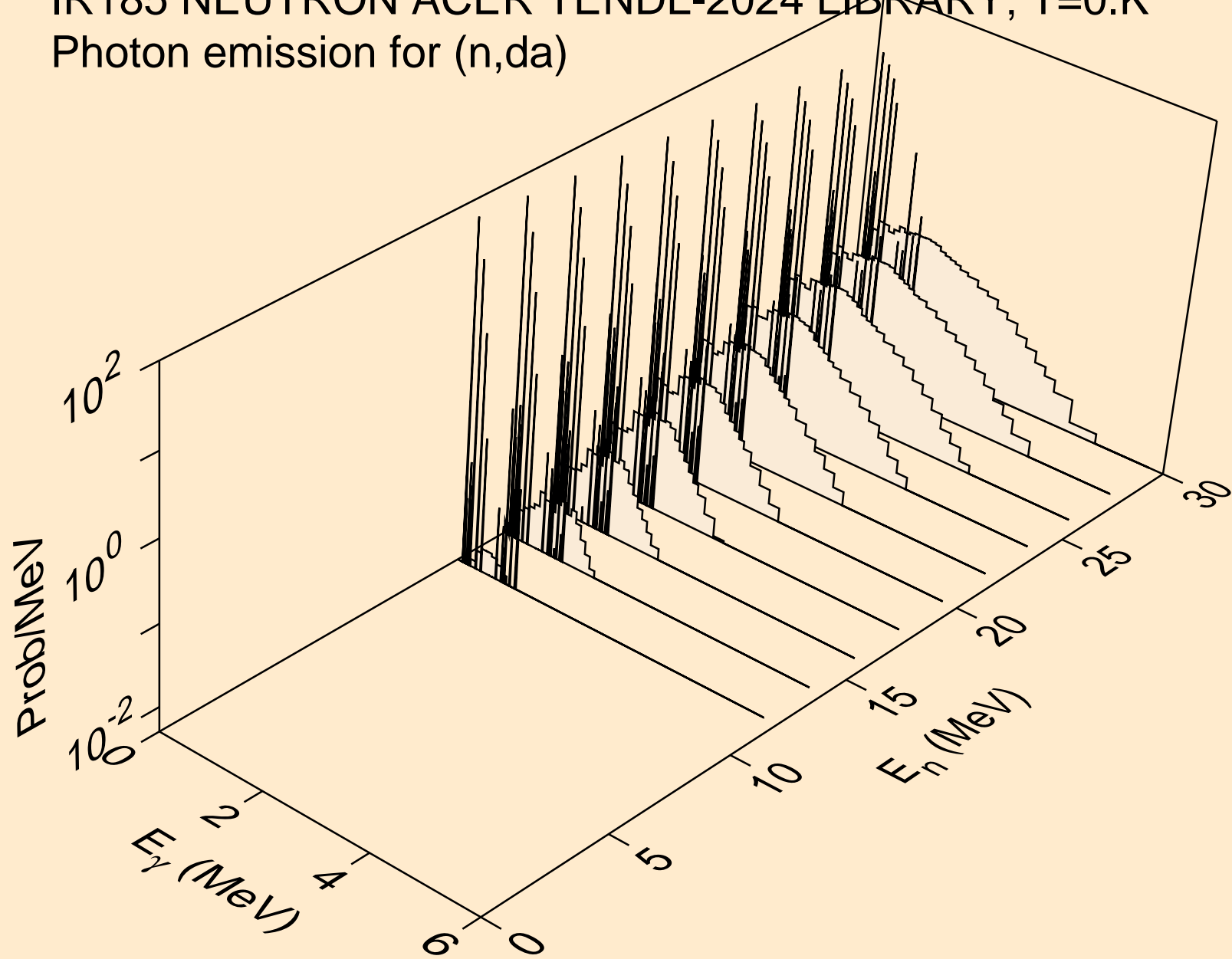
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

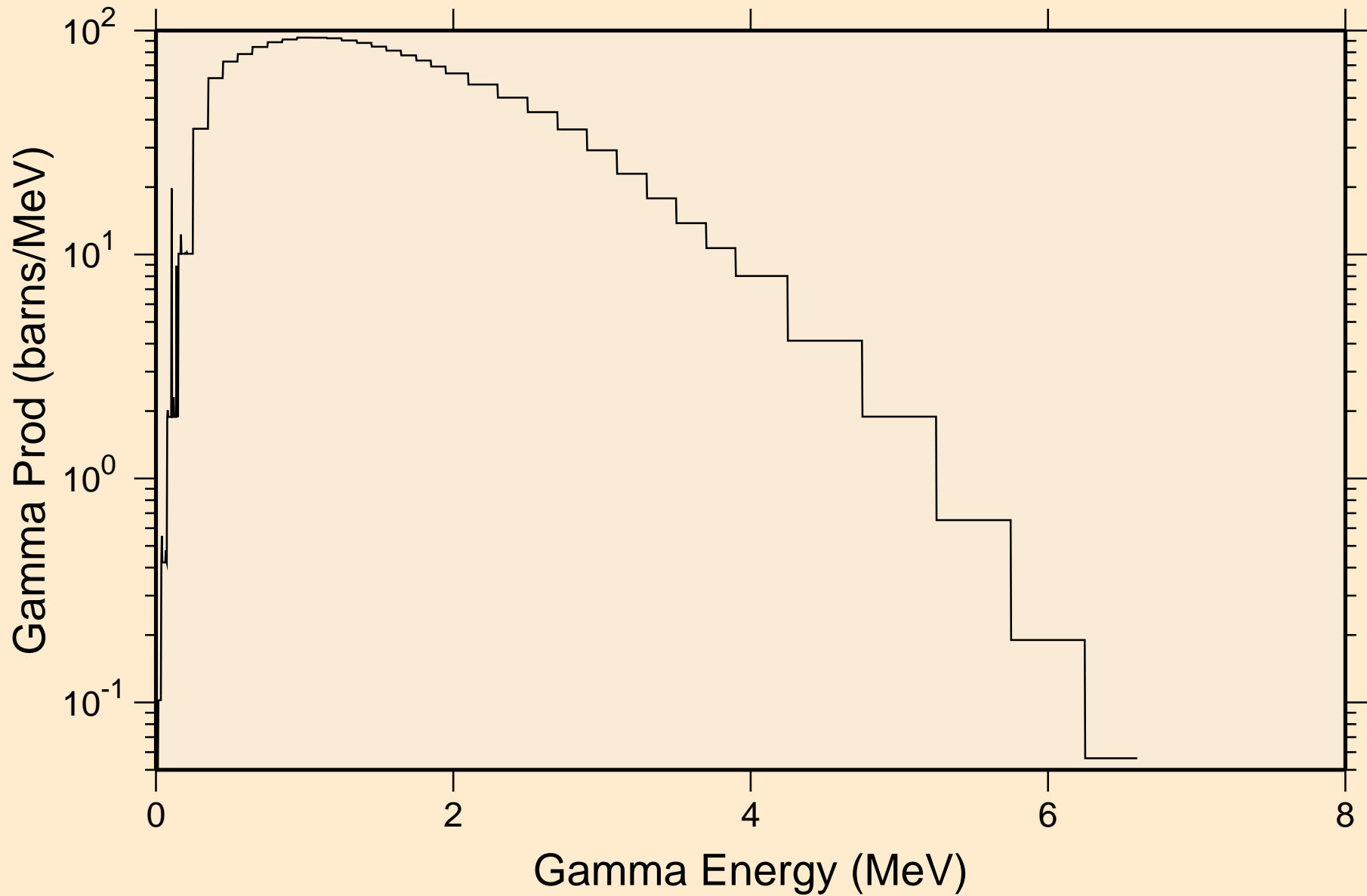


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Photon emission for (n,da)

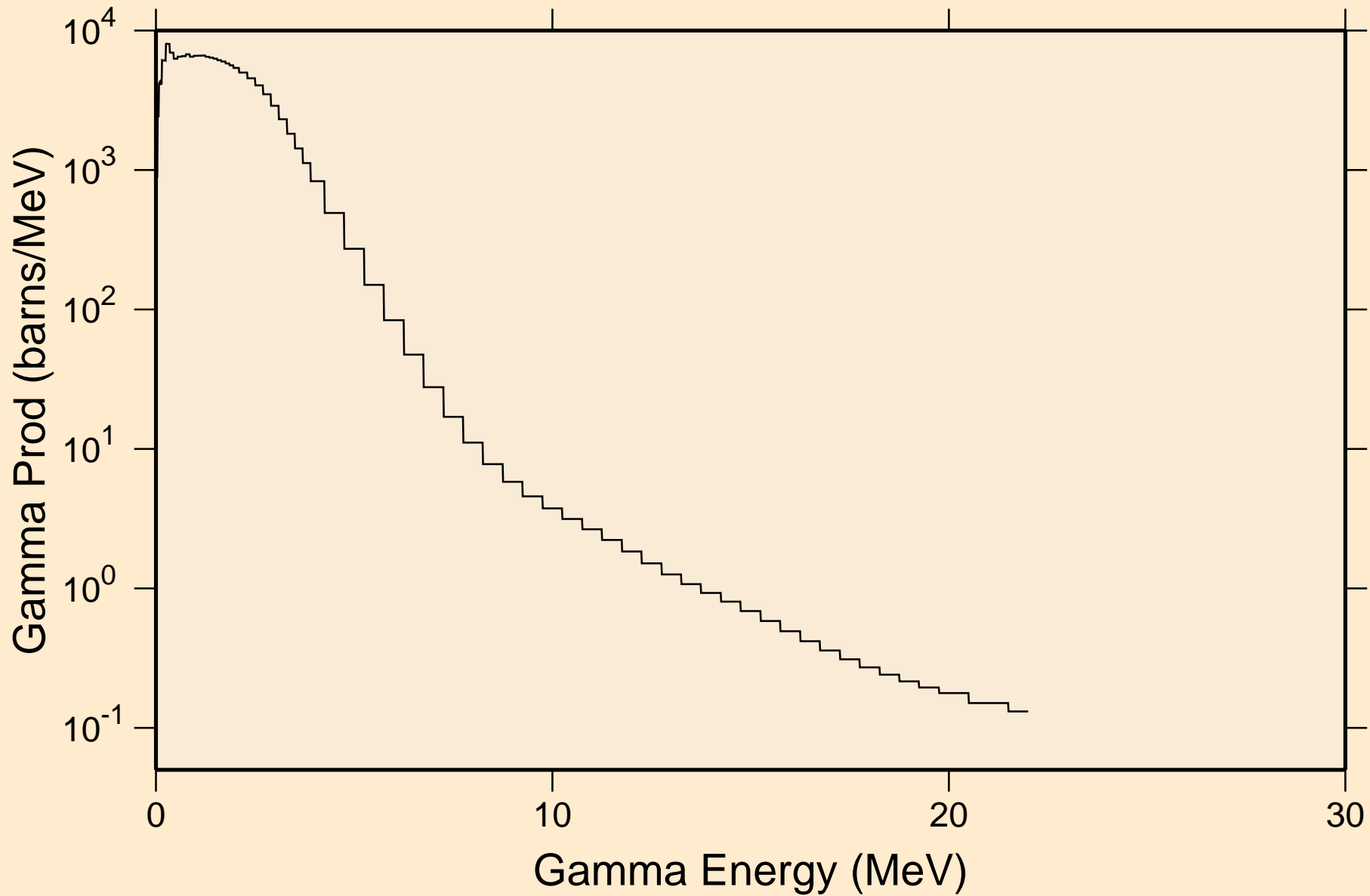




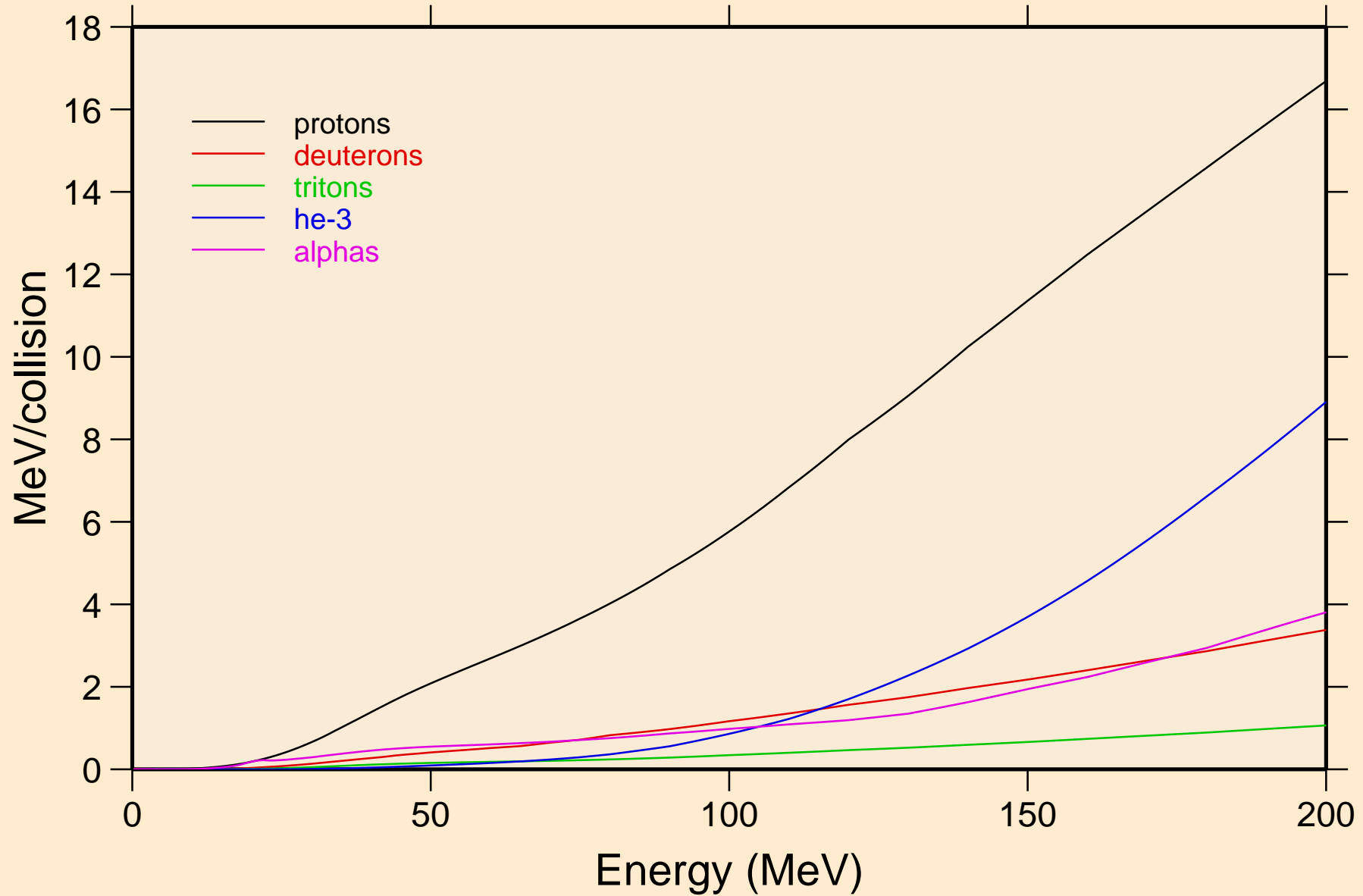
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thermal capture photon spectrum



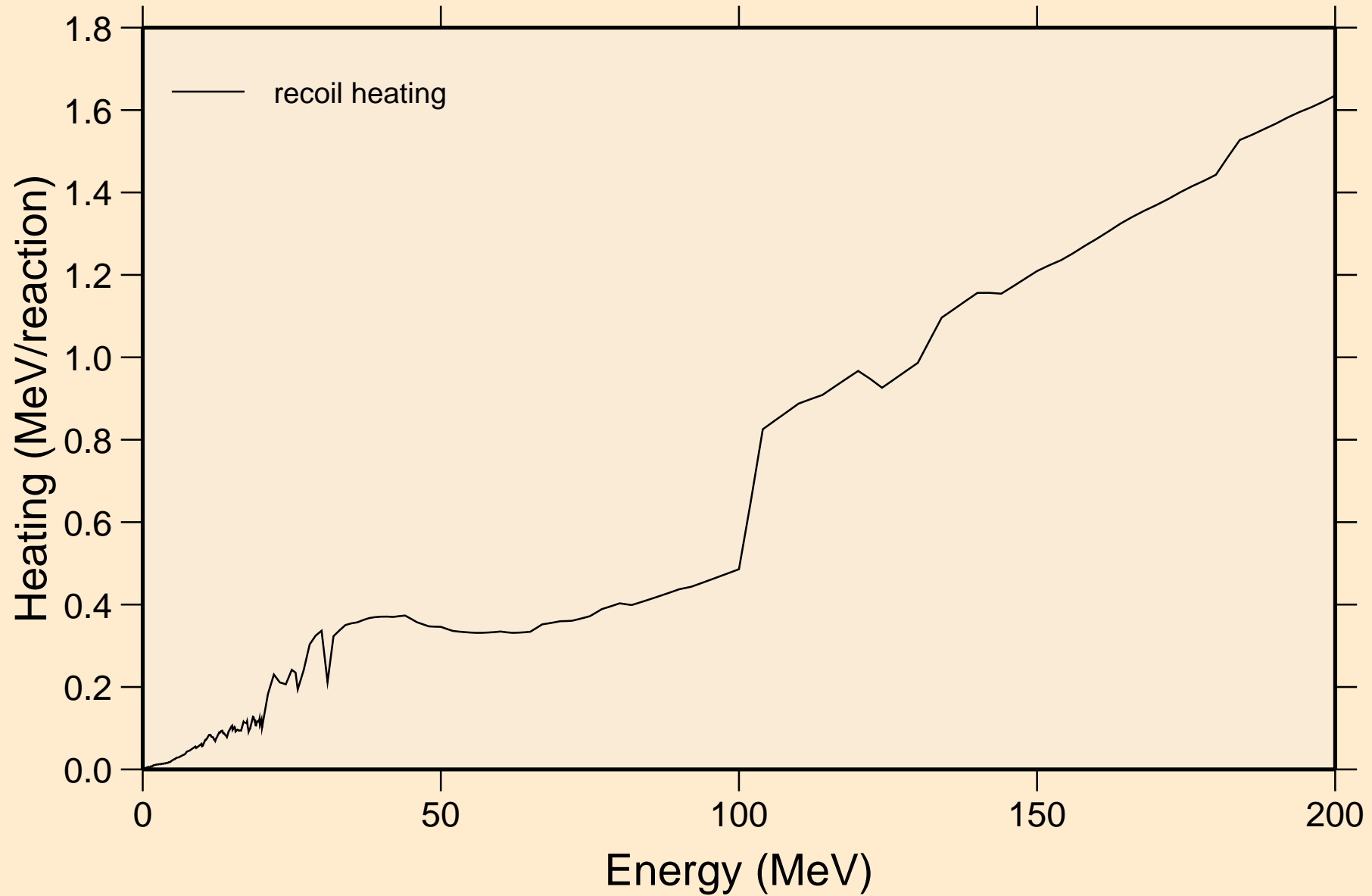
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14 MeV photon spectrum



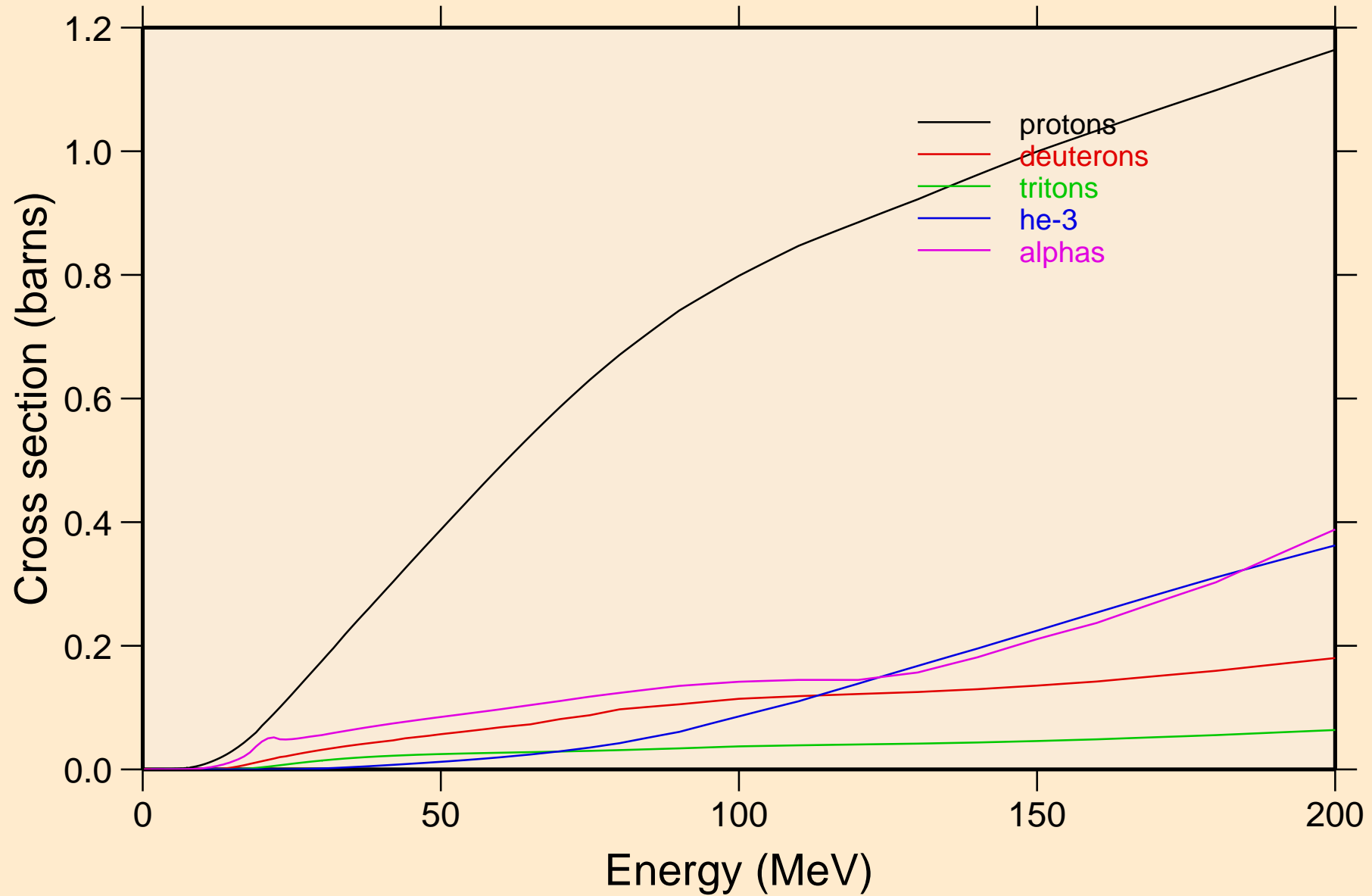
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



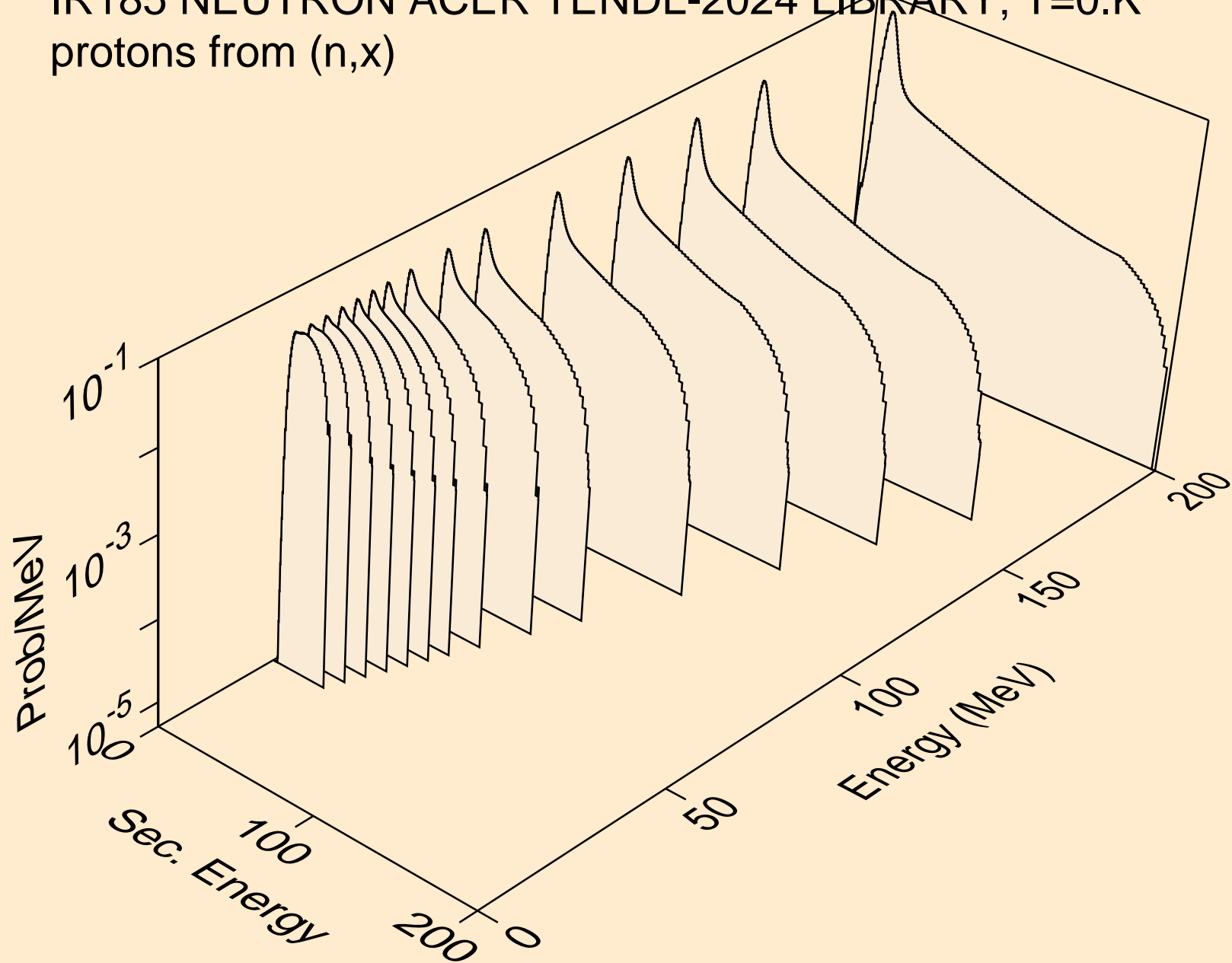
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Recoil Heating



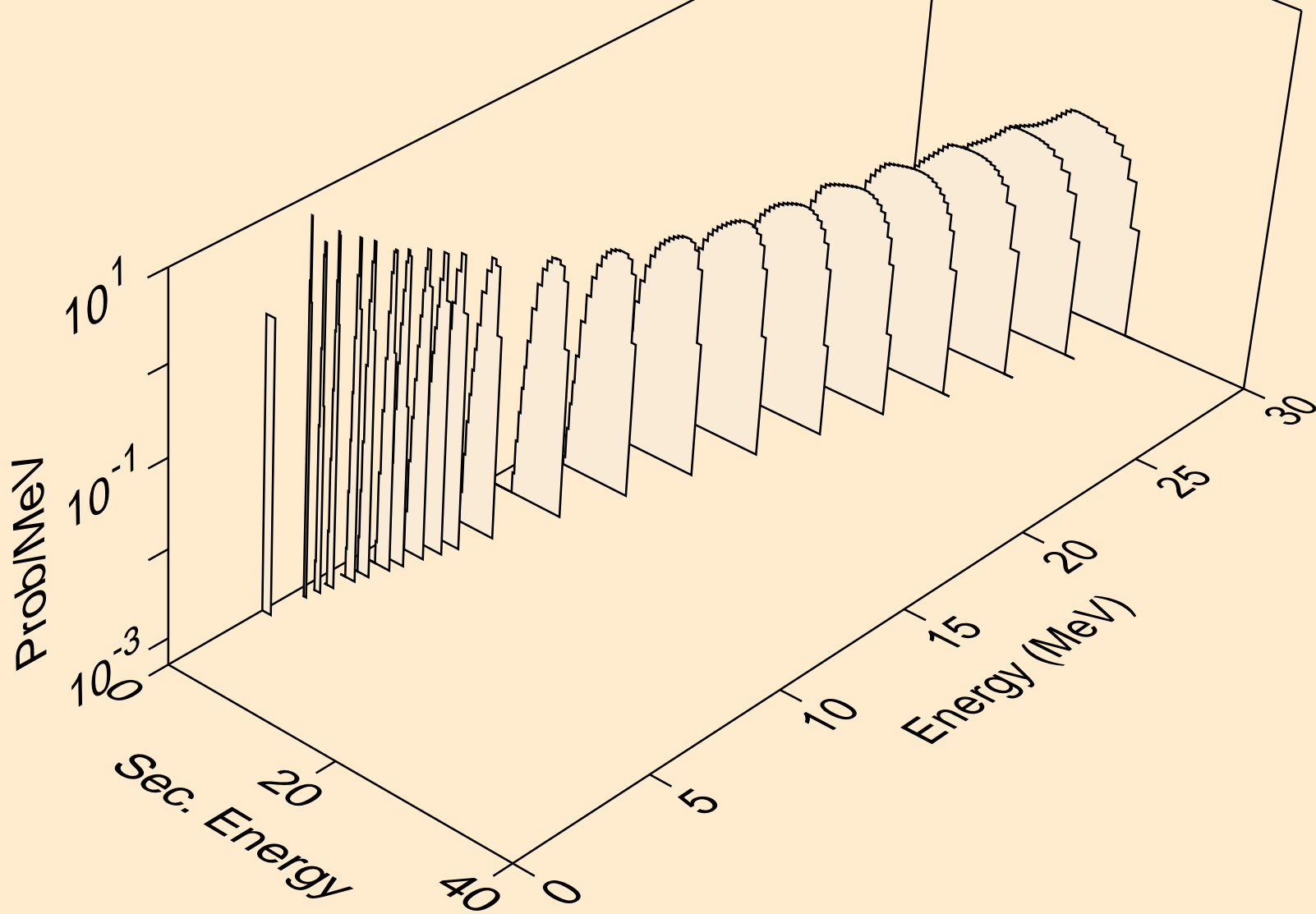
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Particle production cross sections



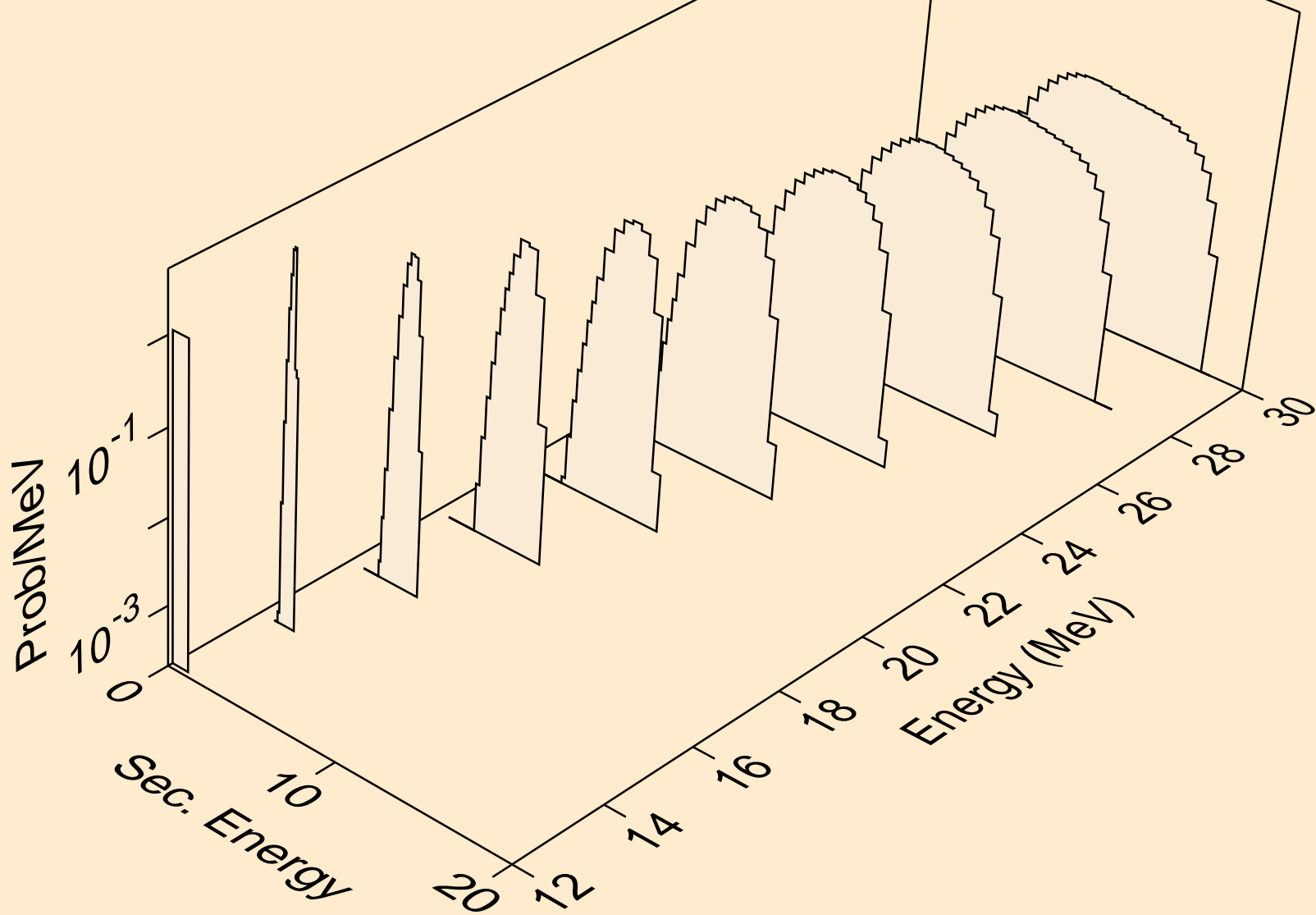
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

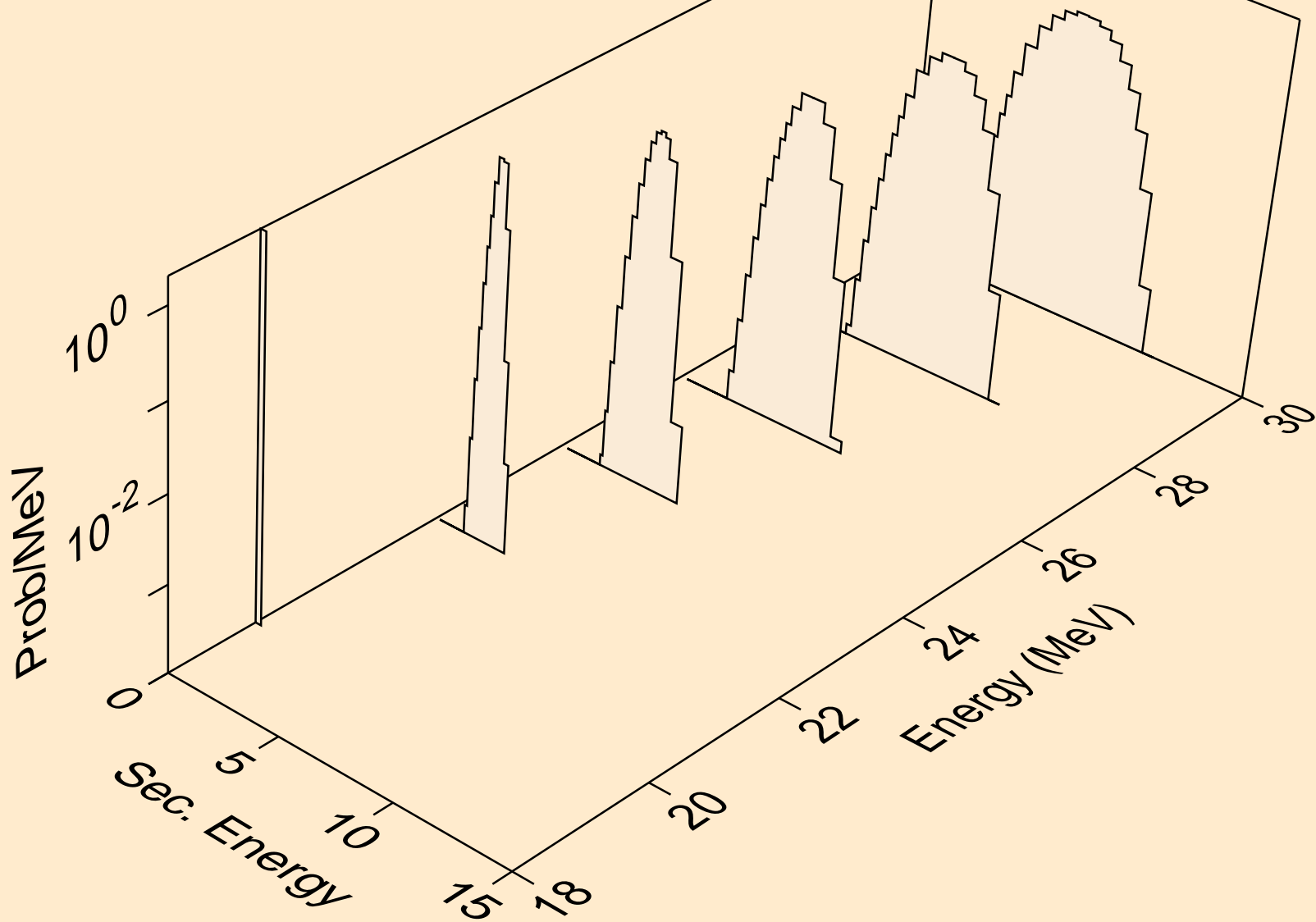


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protons from (n,2np)

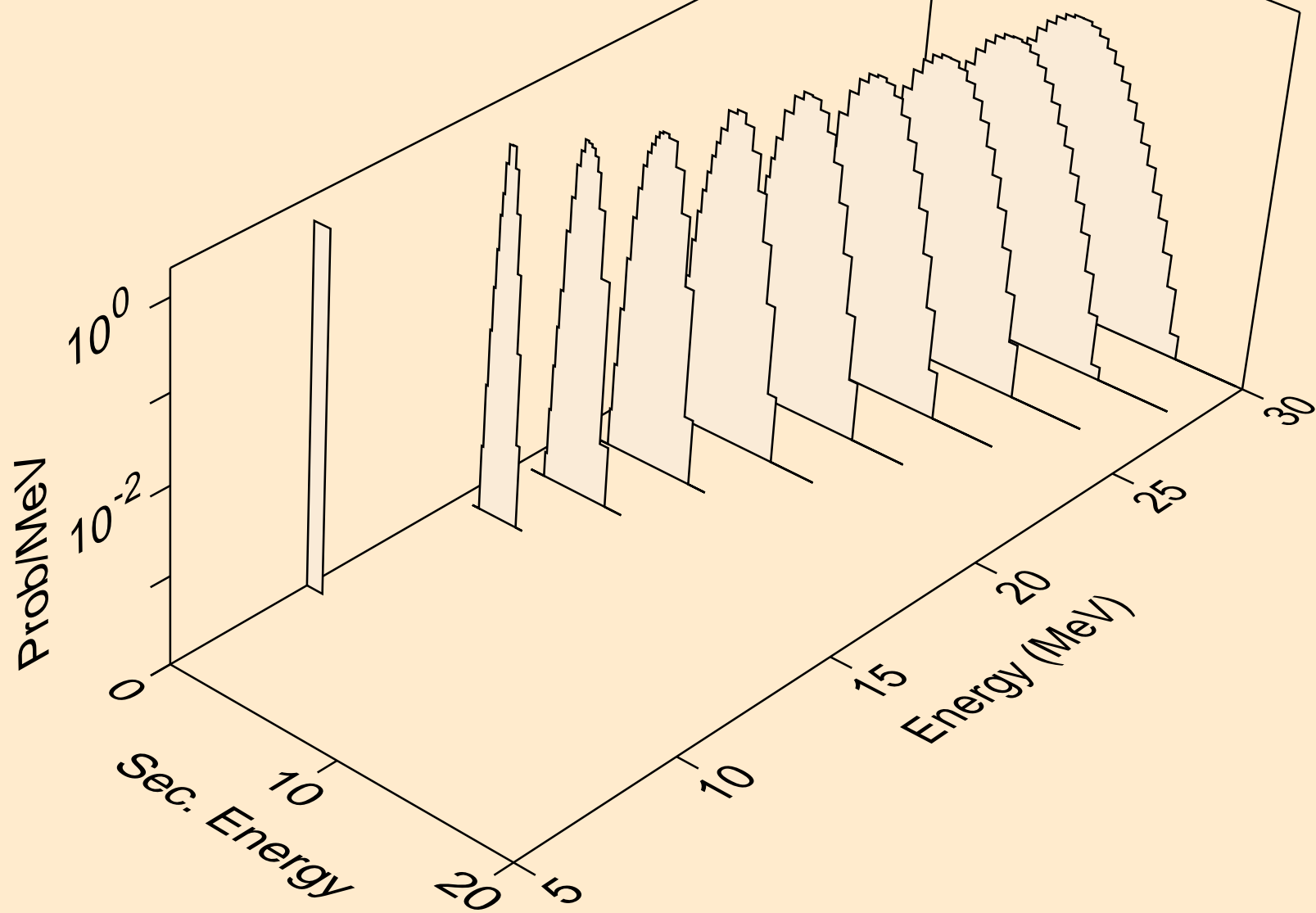




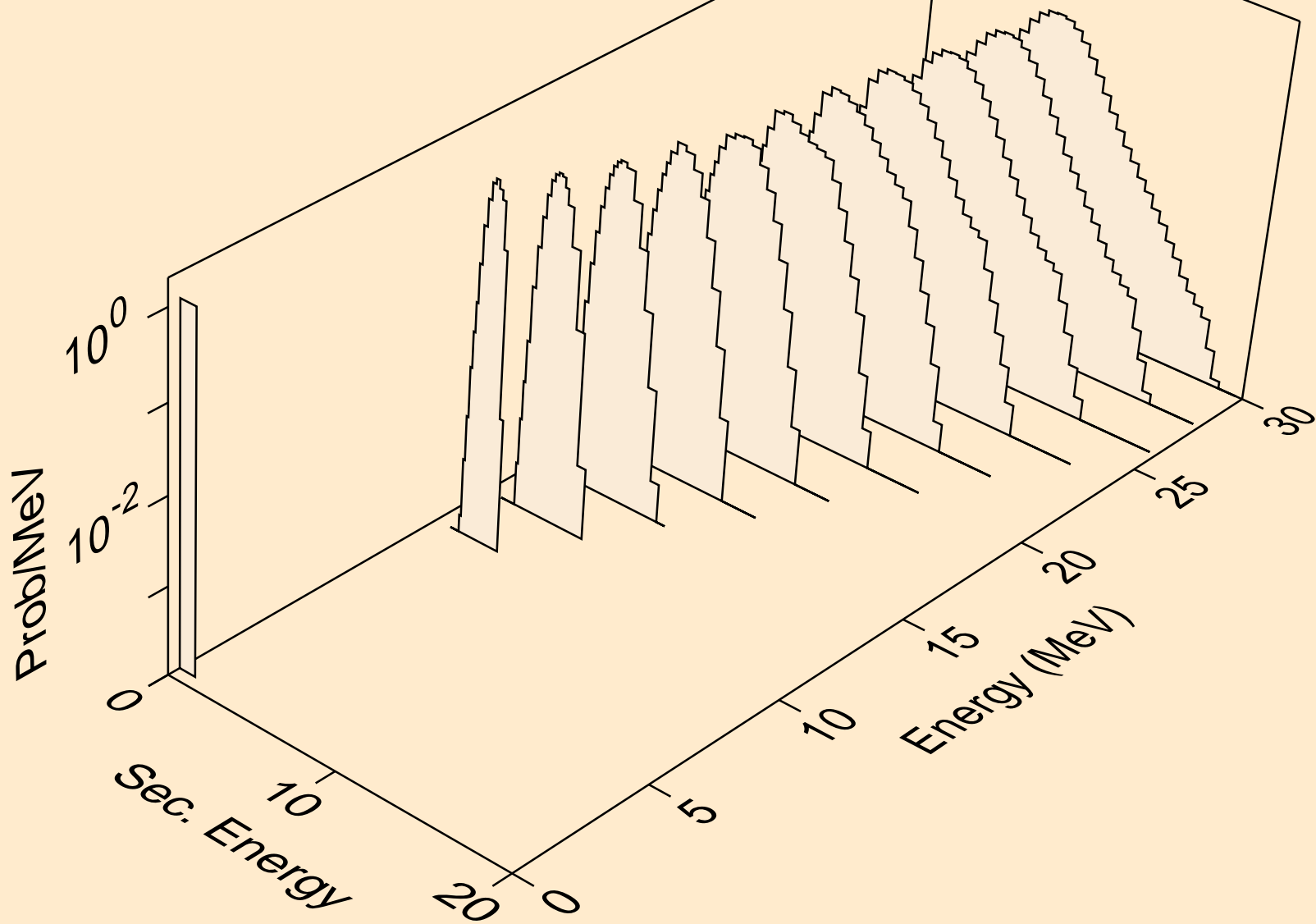
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protons from (n,3np)



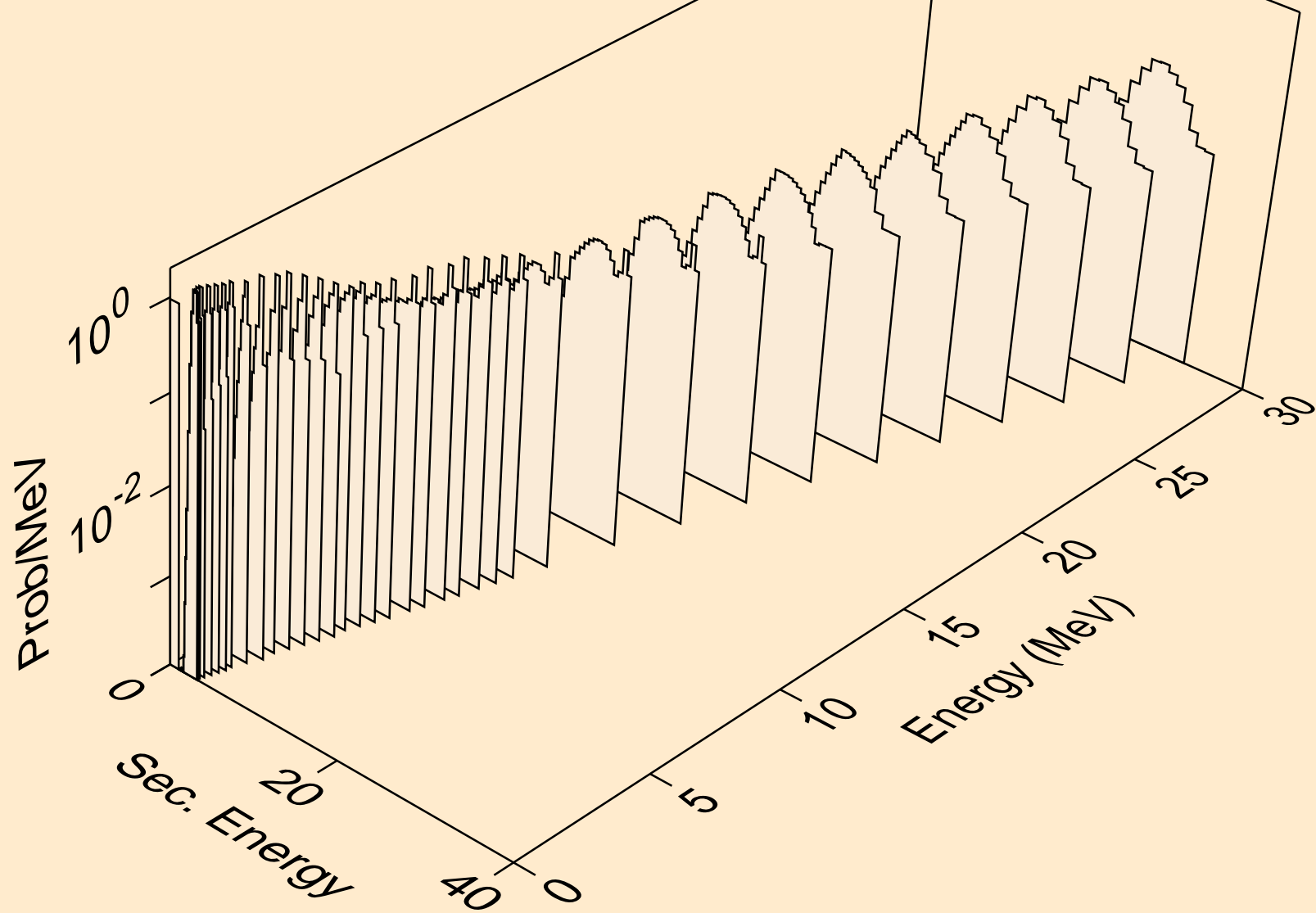
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protons from (n,n2p)



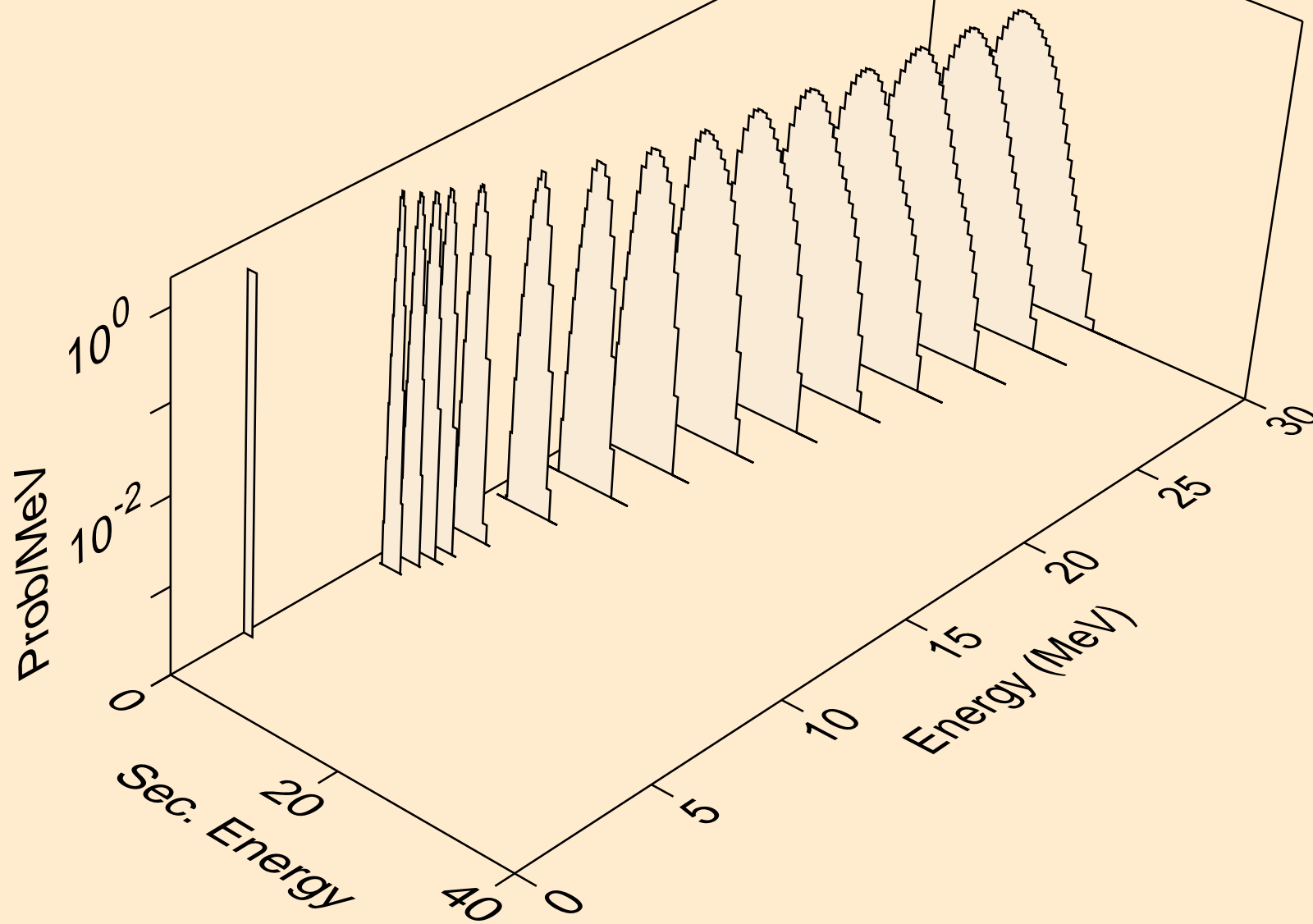
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protons from (n,npa)



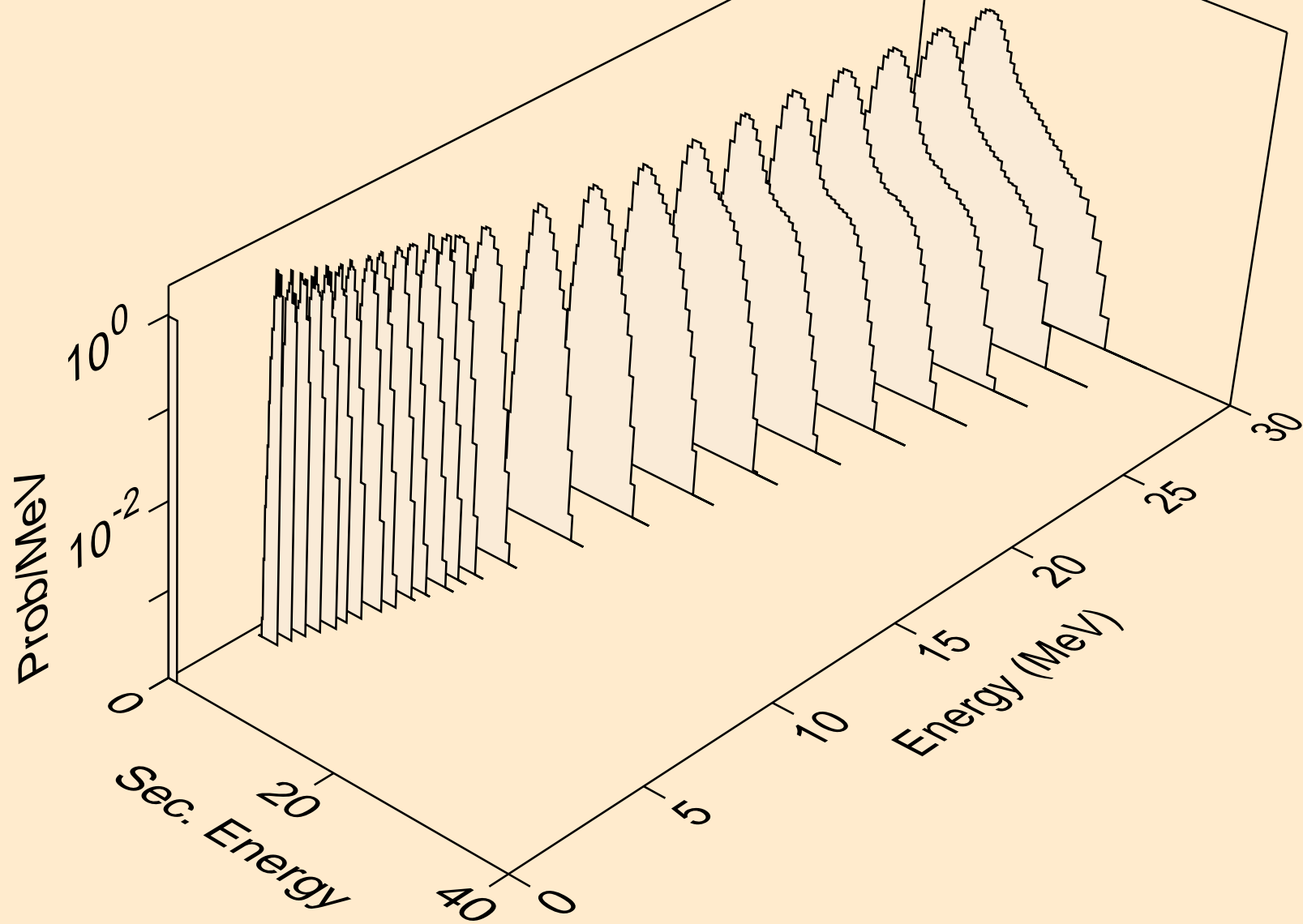
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protons from (n,p)



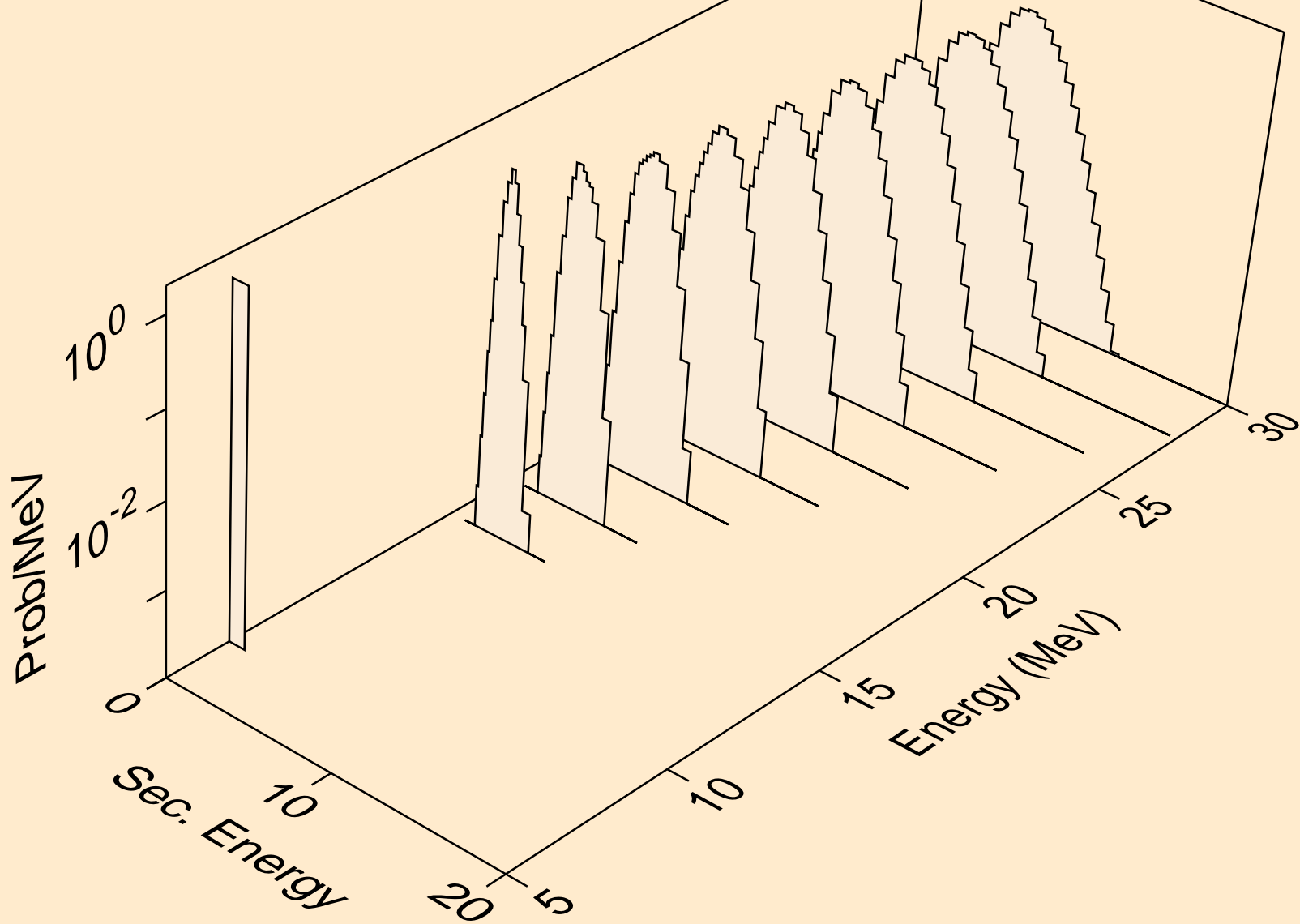
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protons from (n,2p)



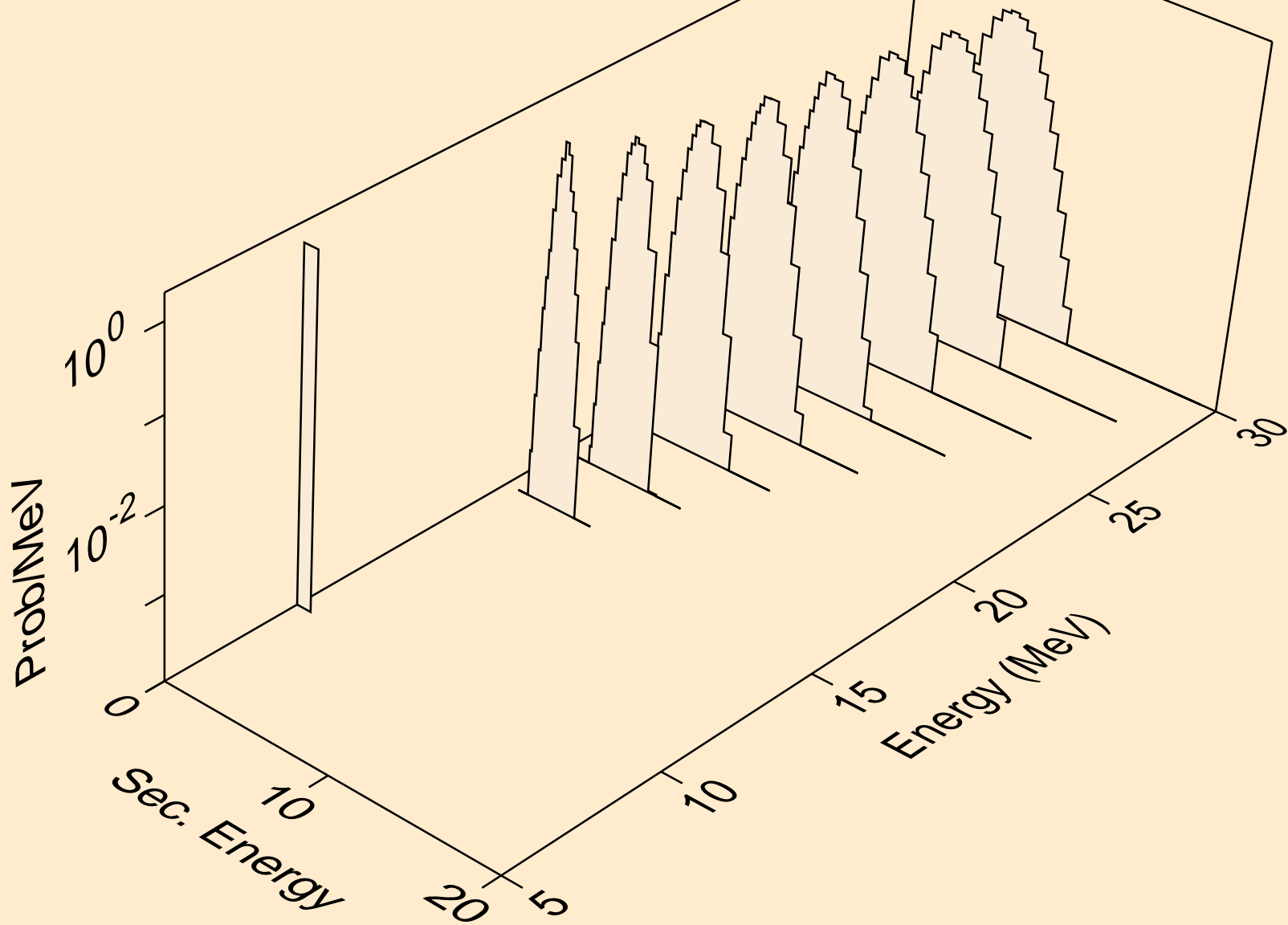
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protons from (n,p)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

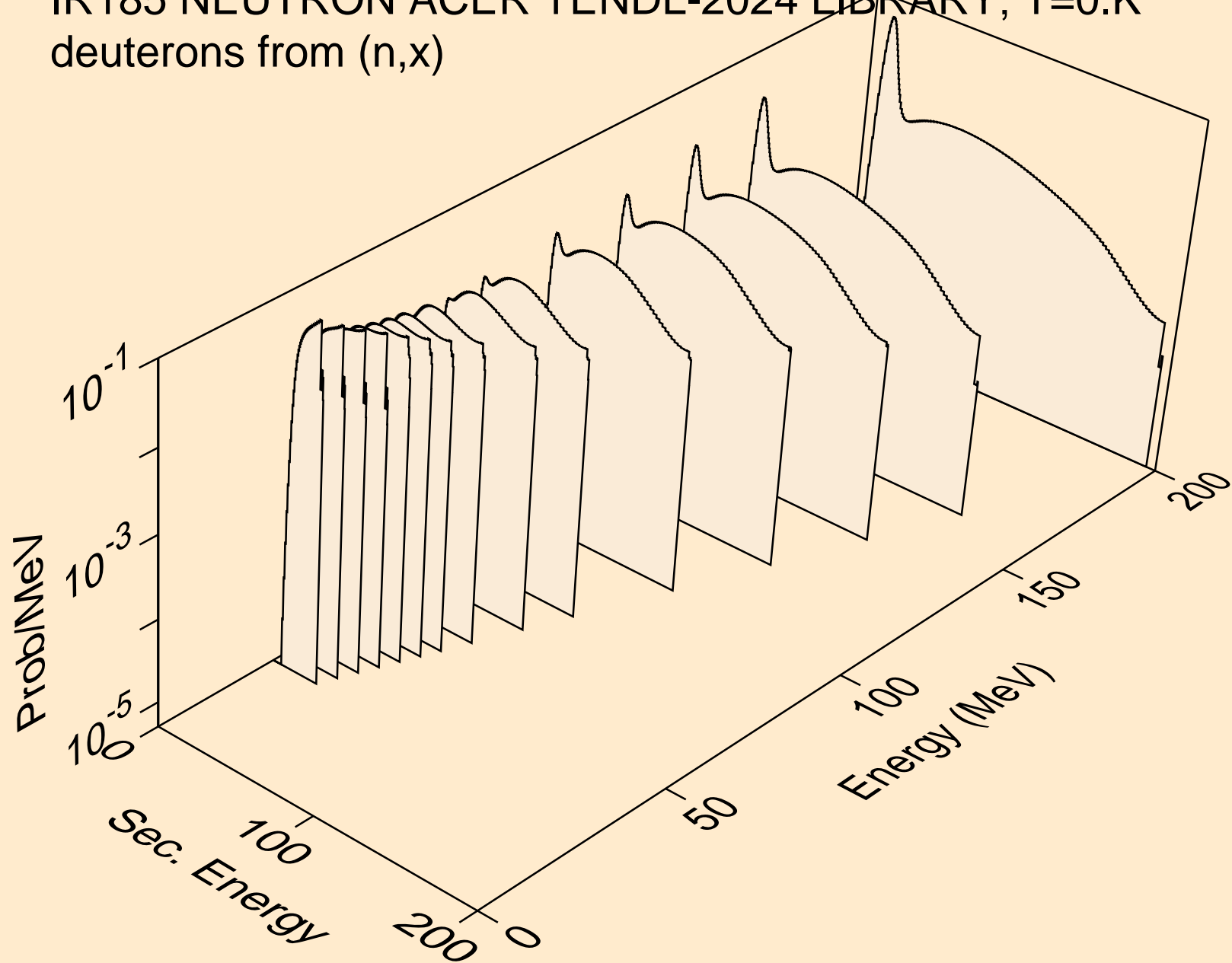


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protons from (n,pt)

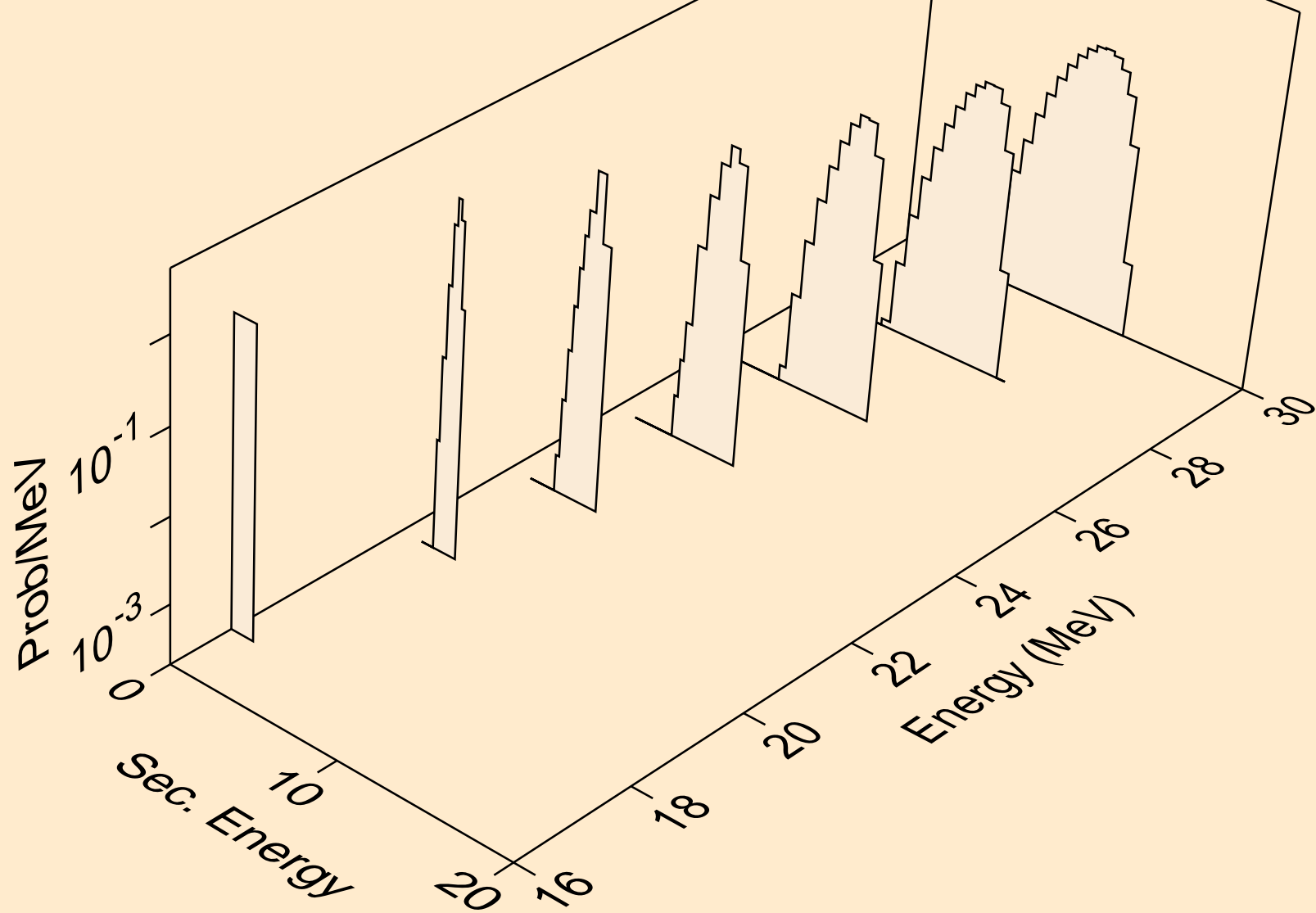




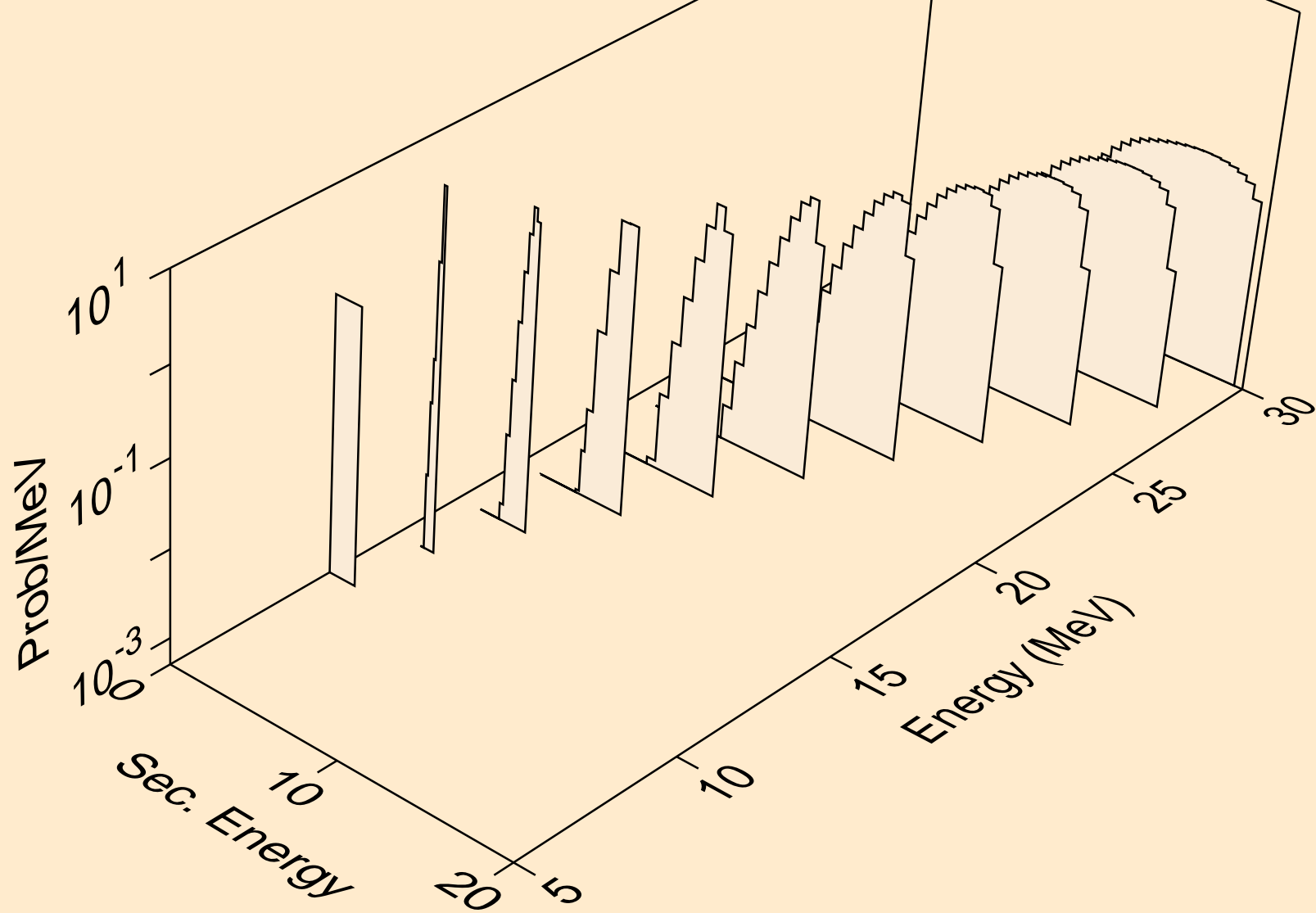
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deuterons from (n,x)



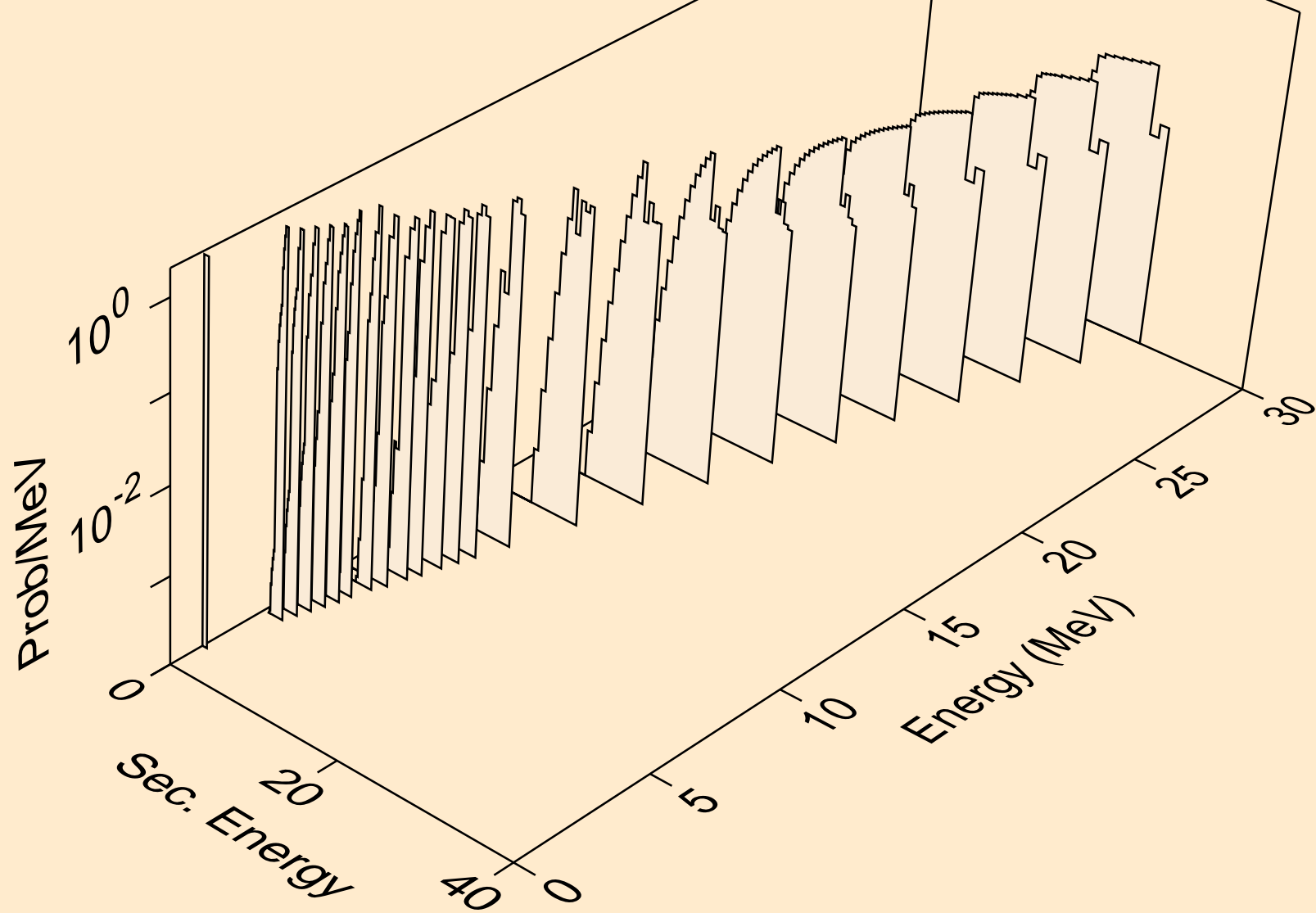
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deuterons from (n,2nd)



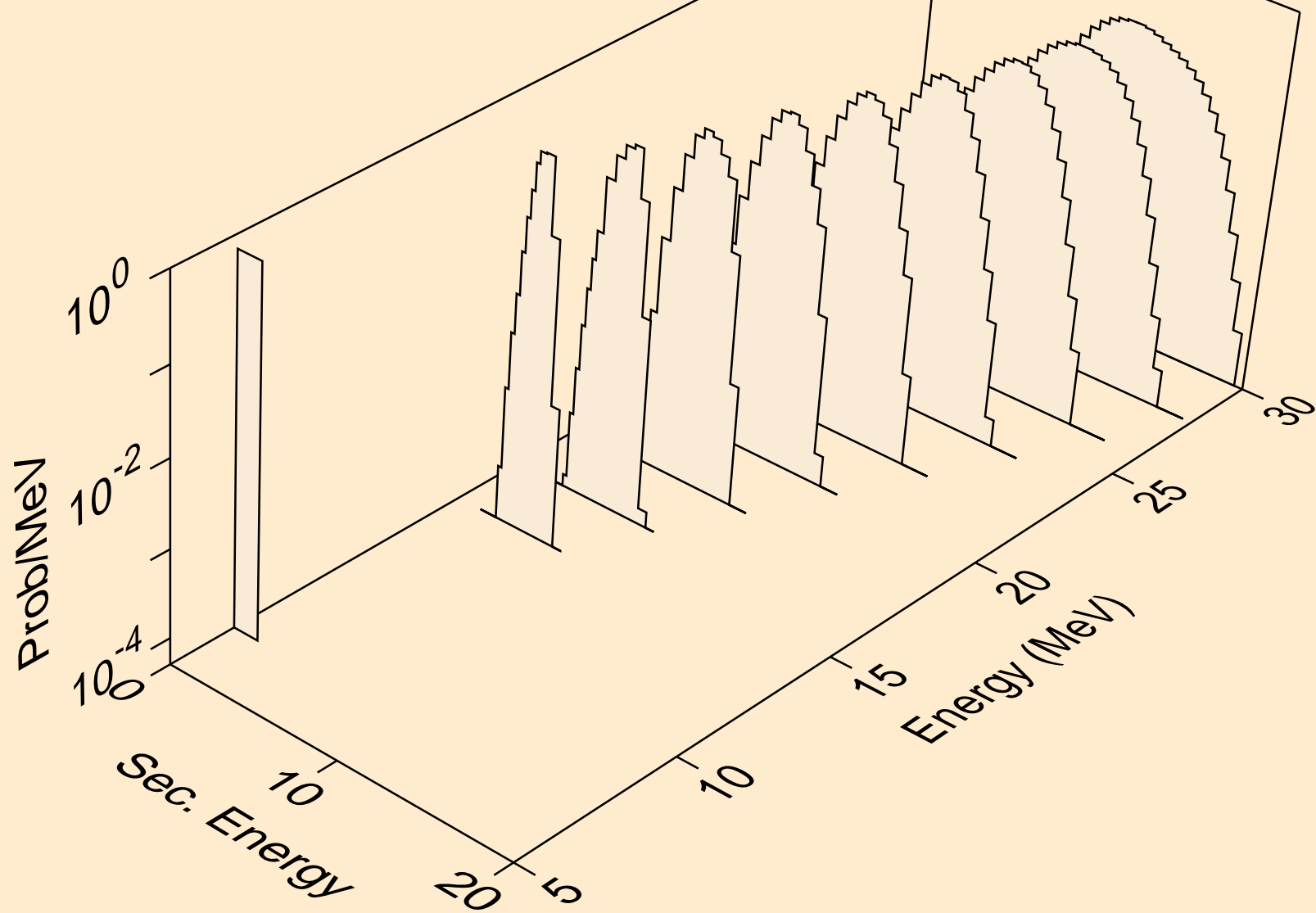
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deuterons from (n,n\*)d



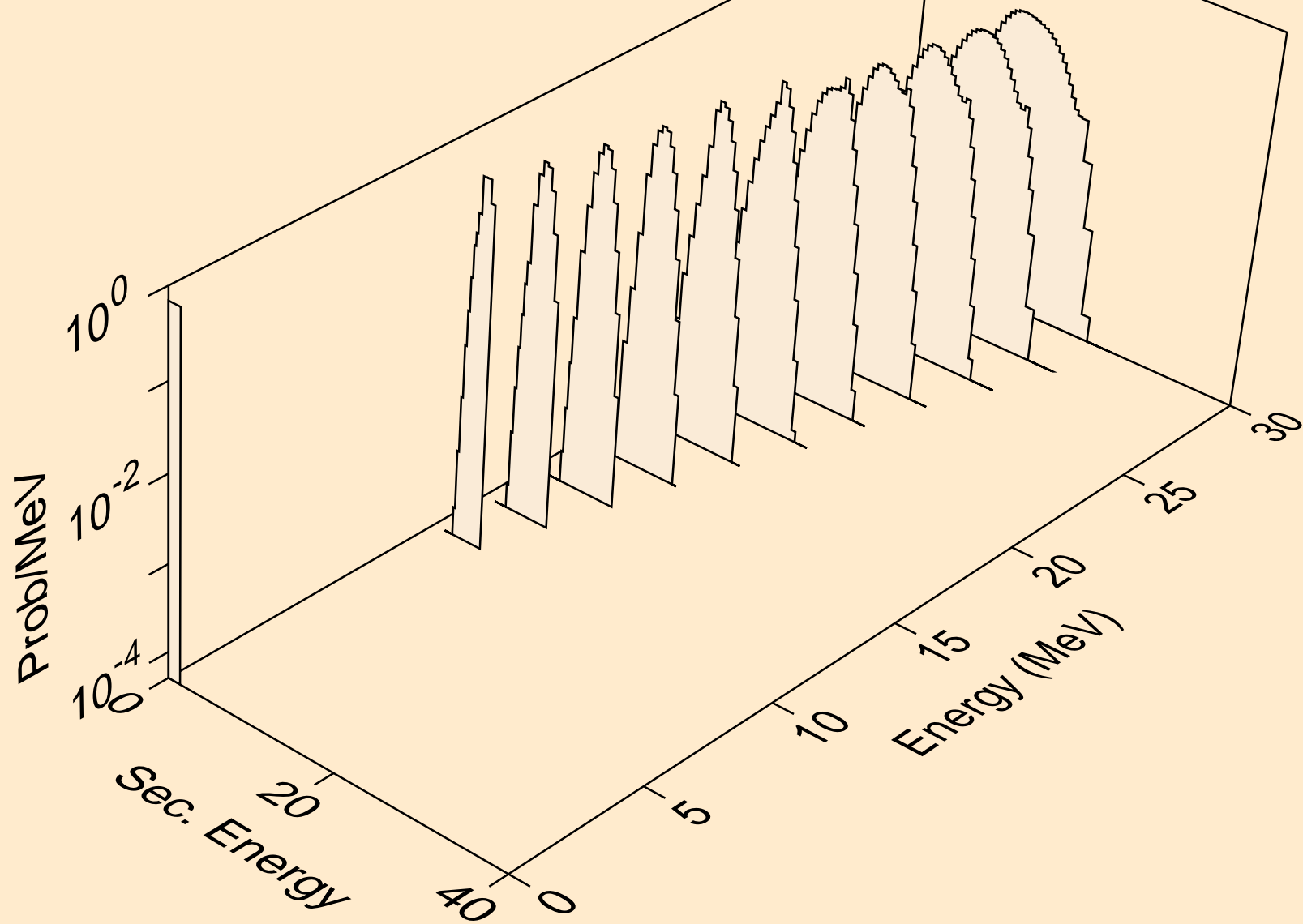
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deuterons from (n,d)



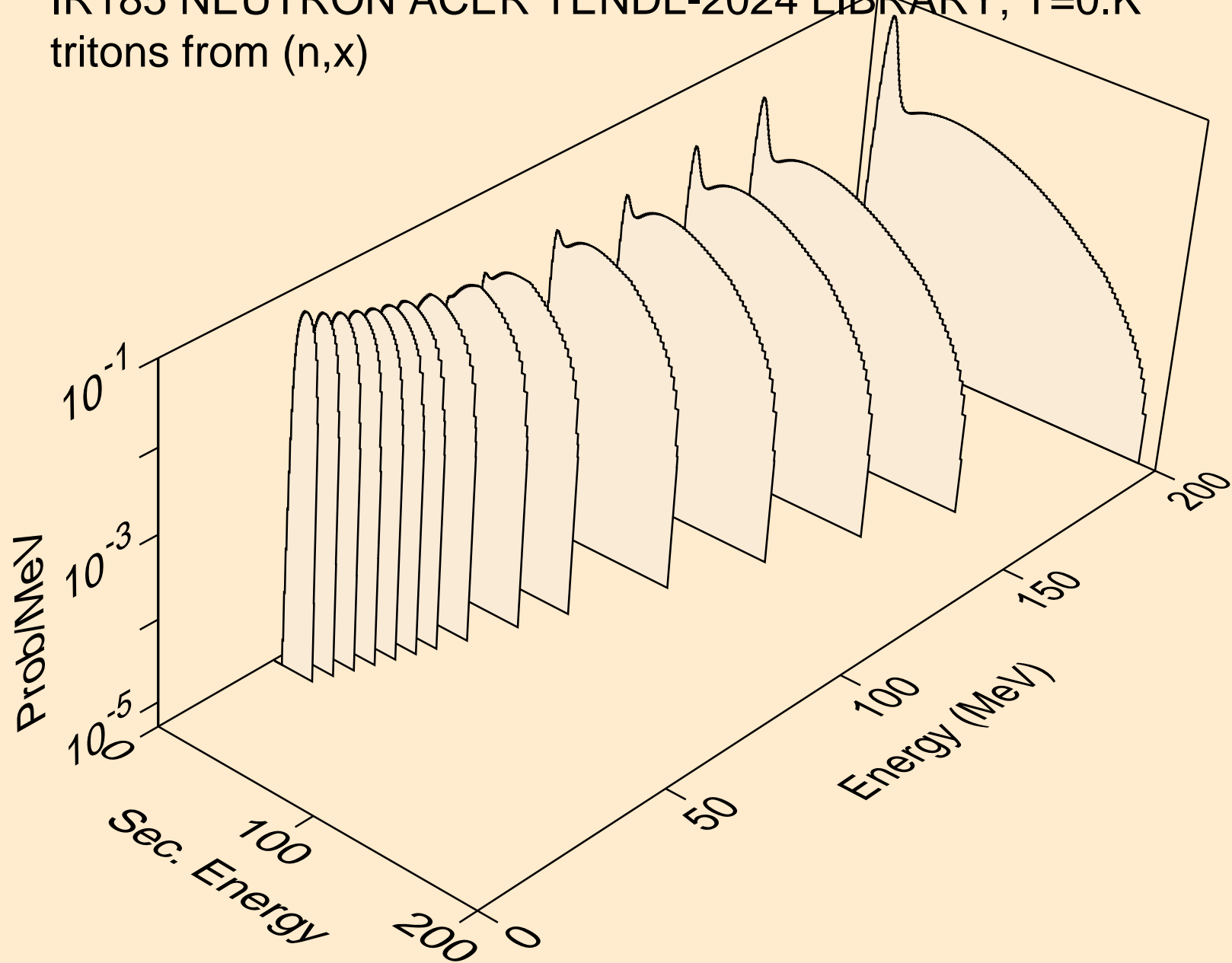
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deuterons from (n,pd)



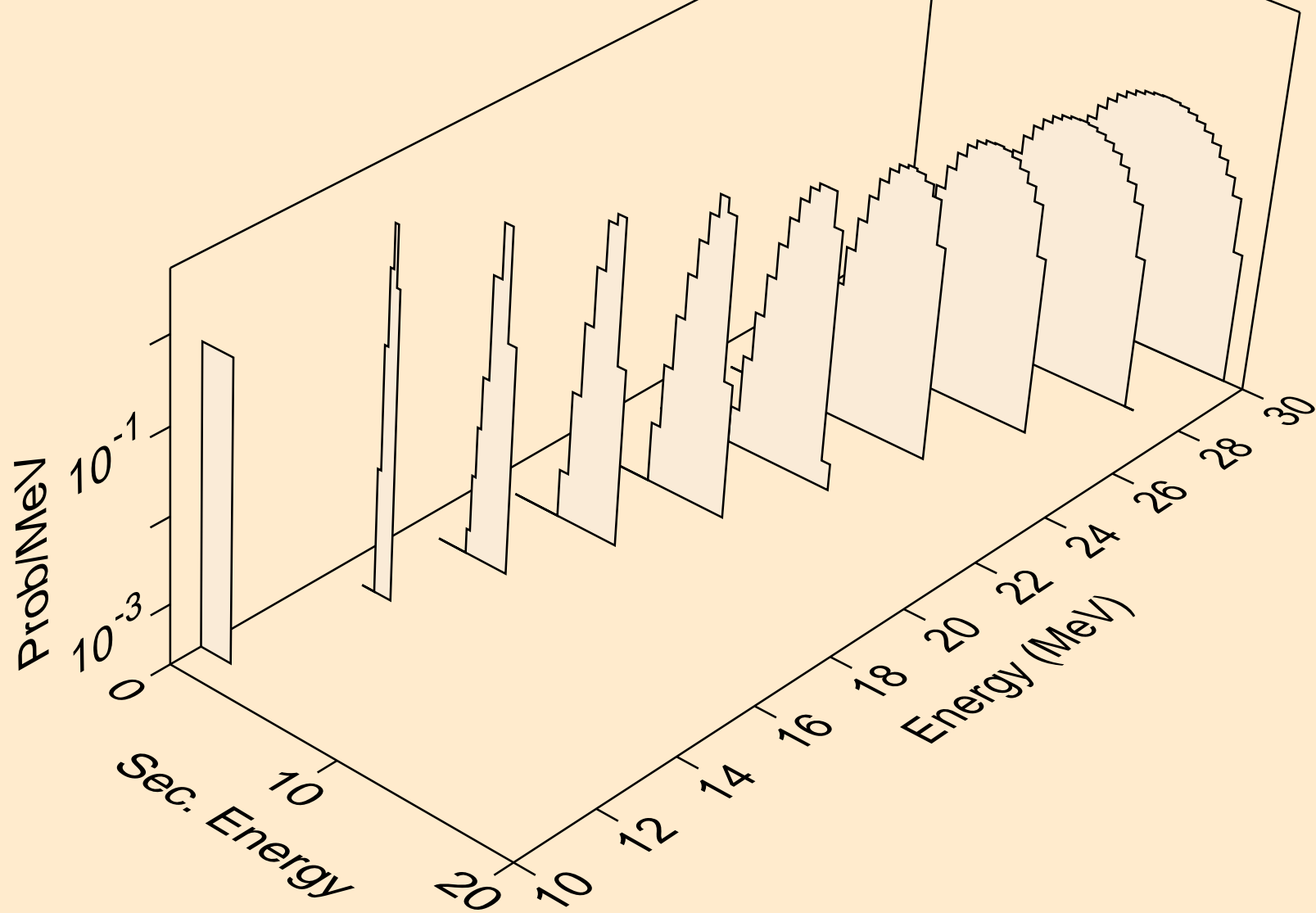
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

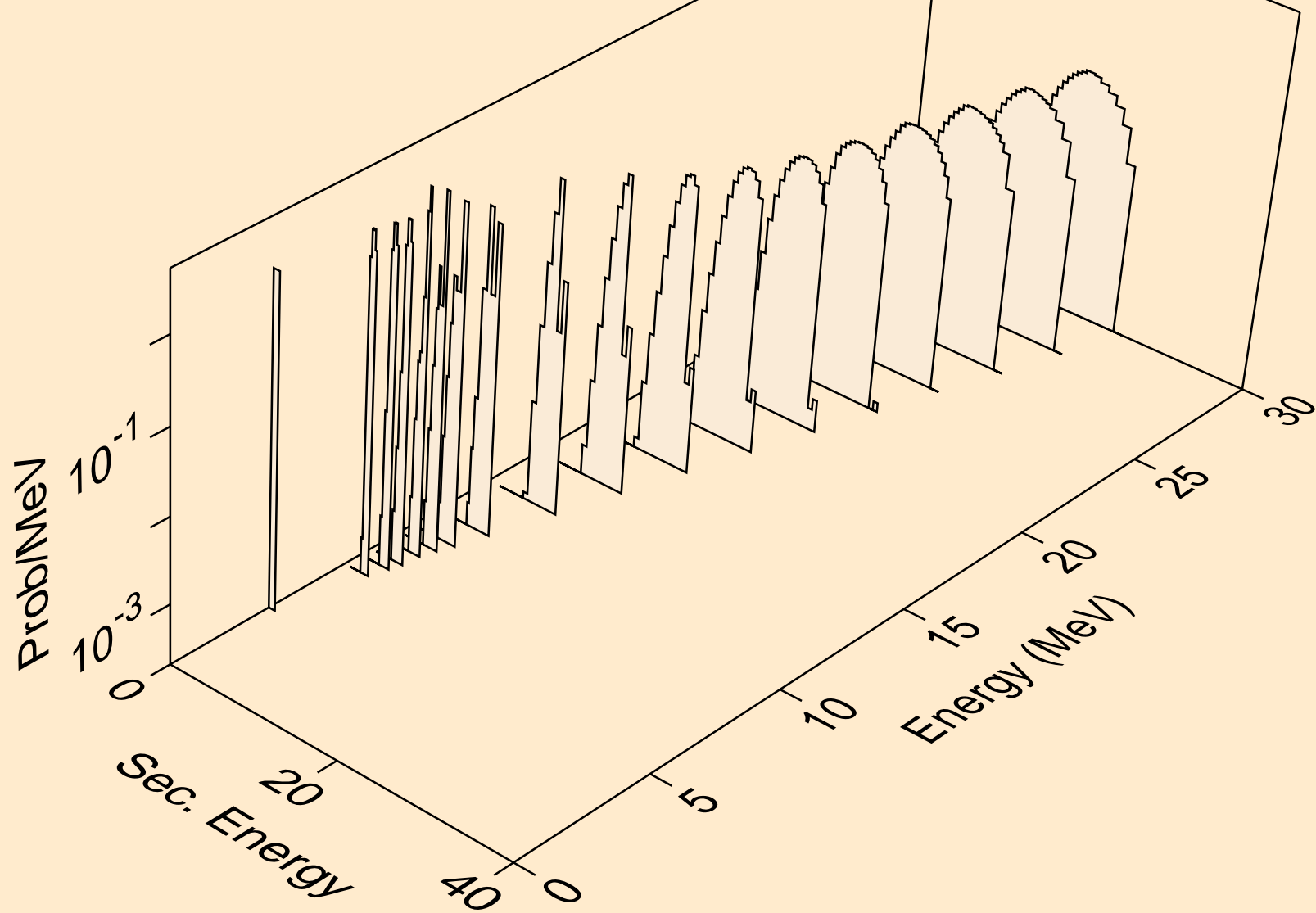


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

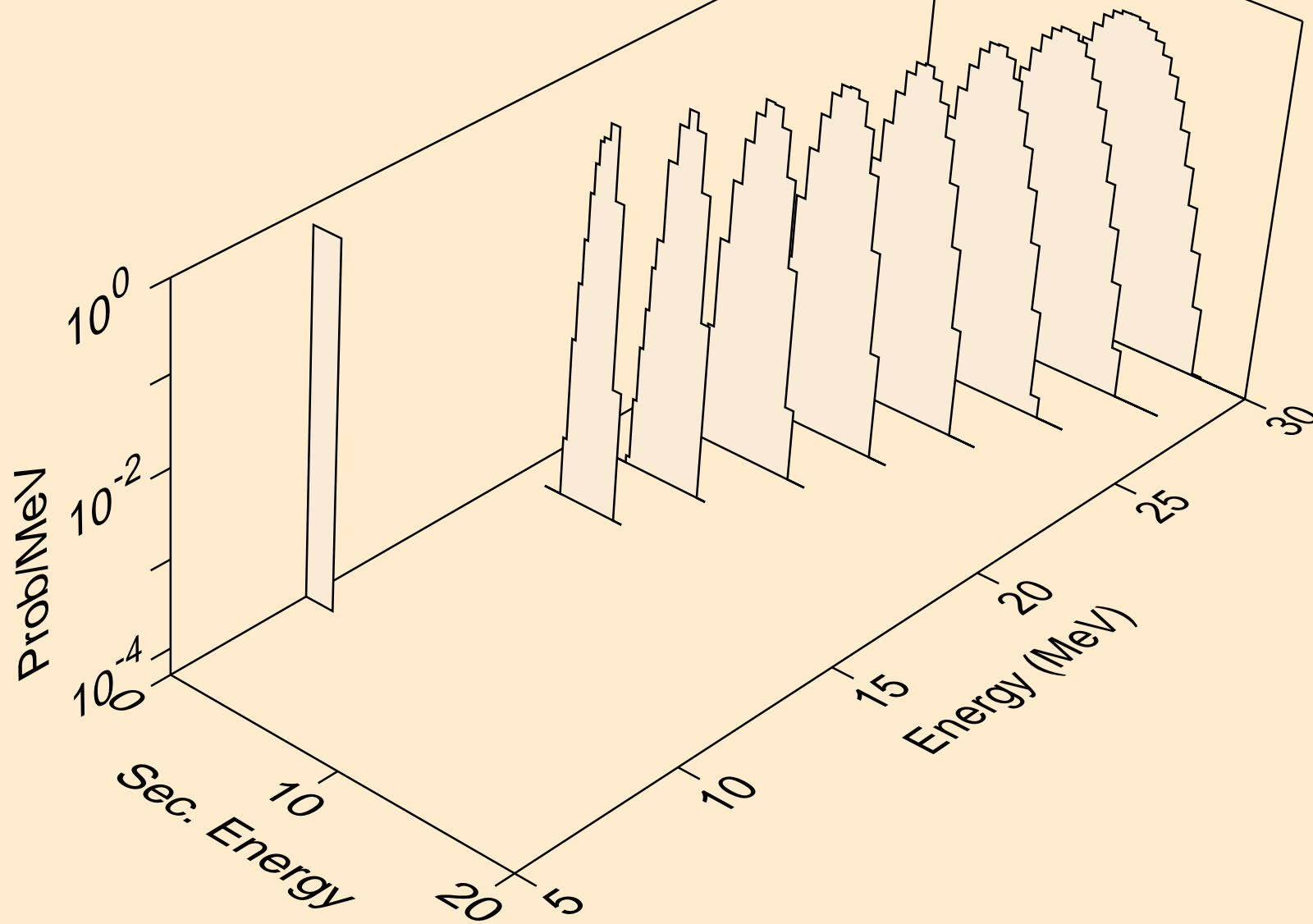




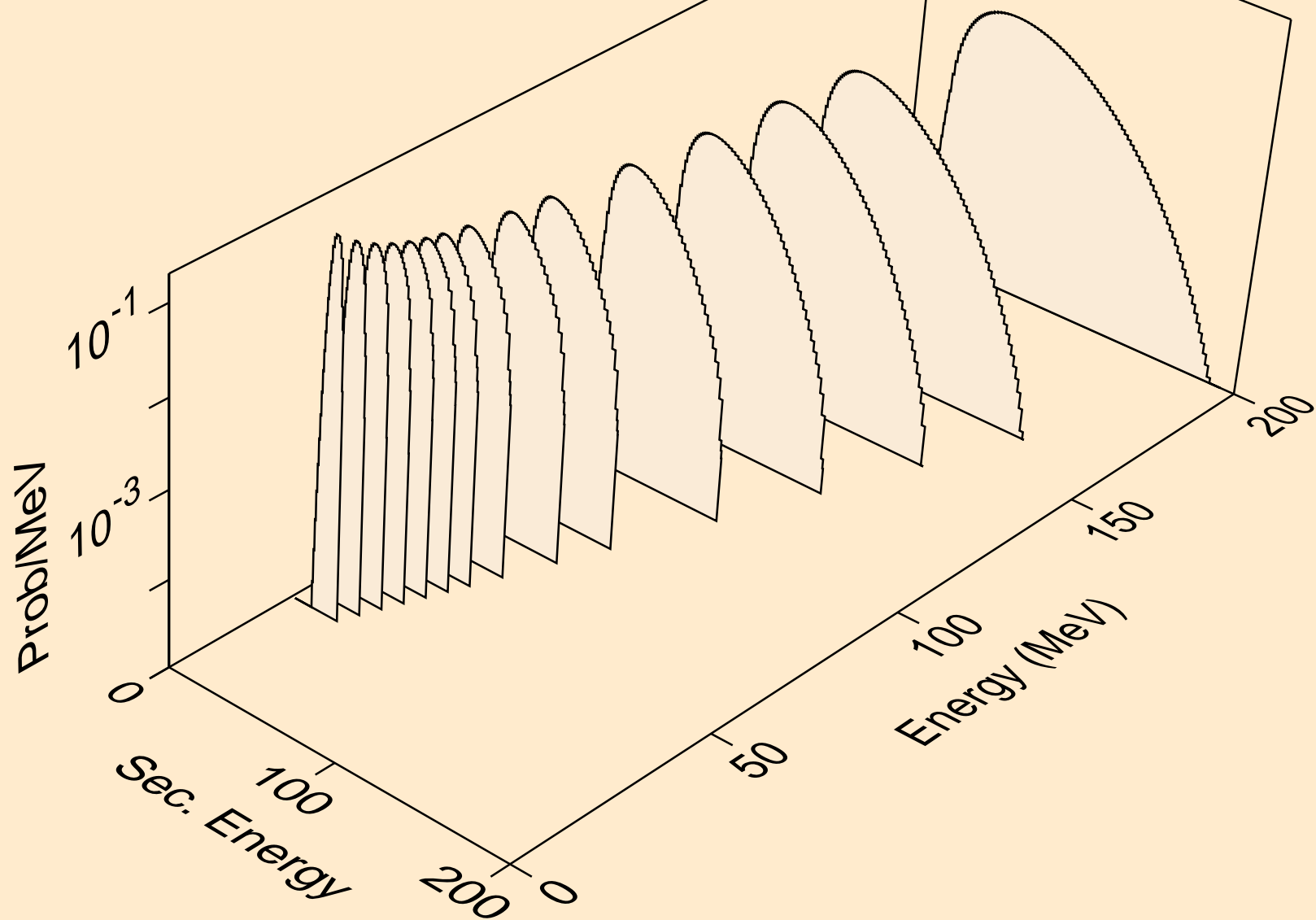
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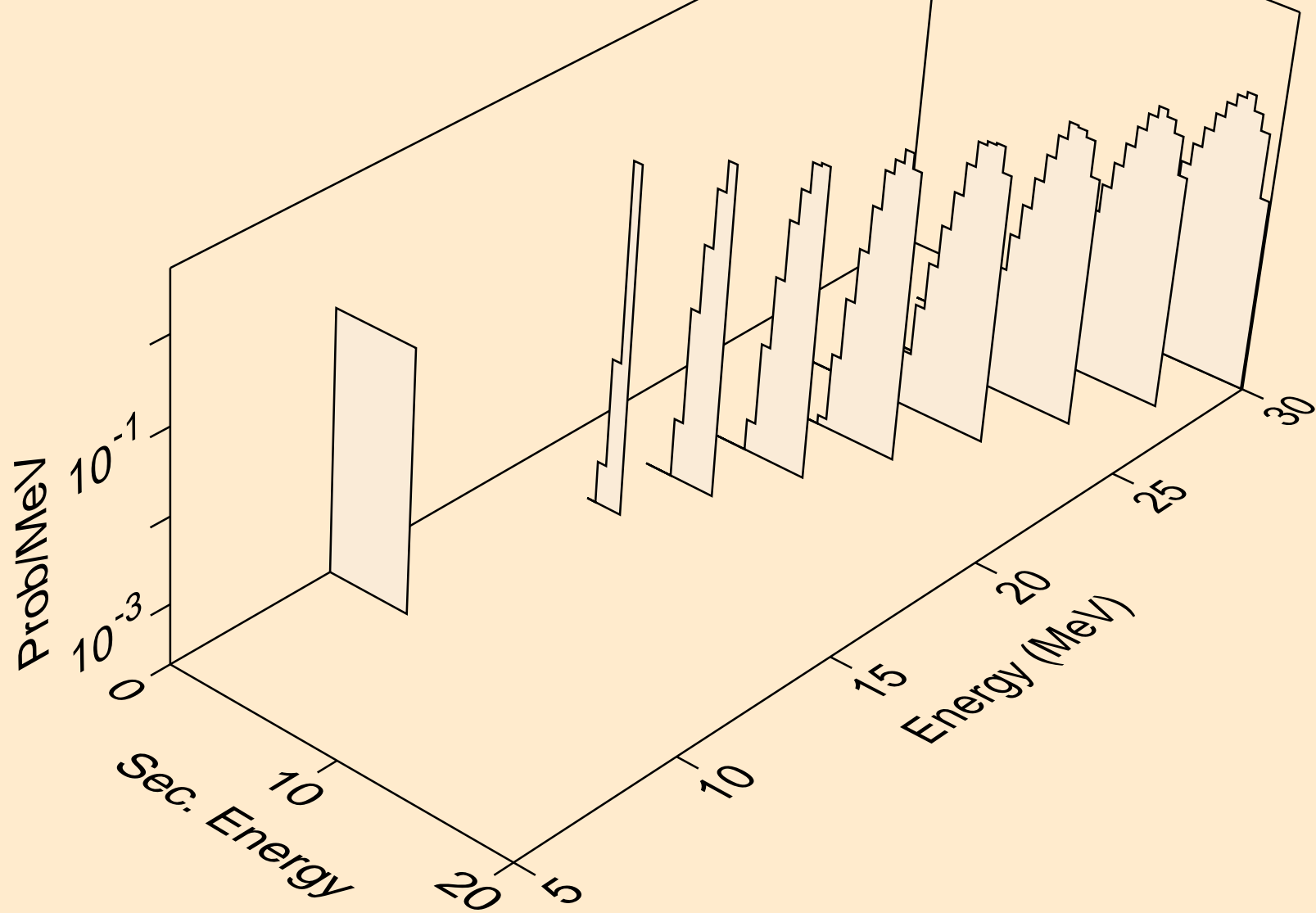
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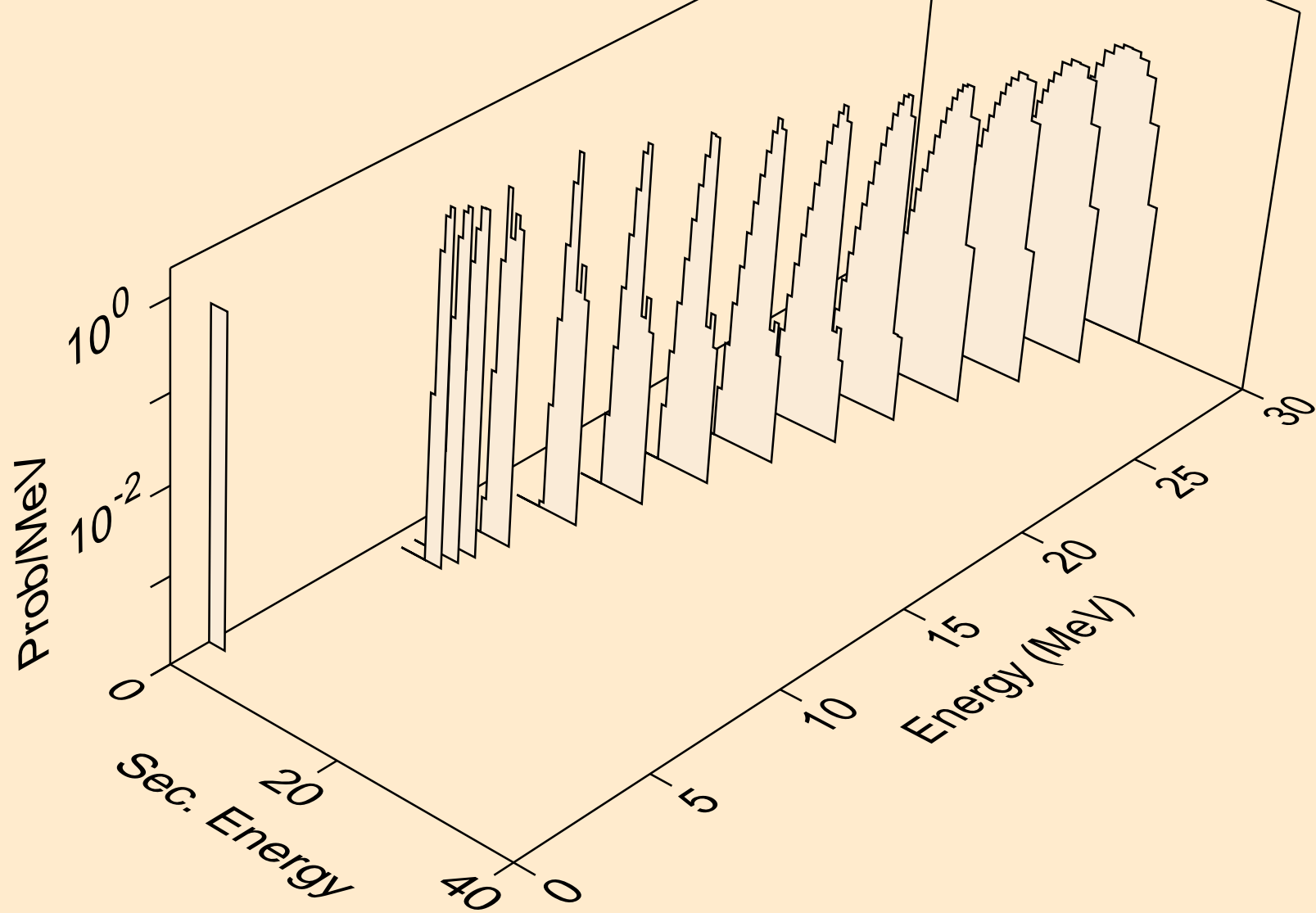
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he3s from (n,x)



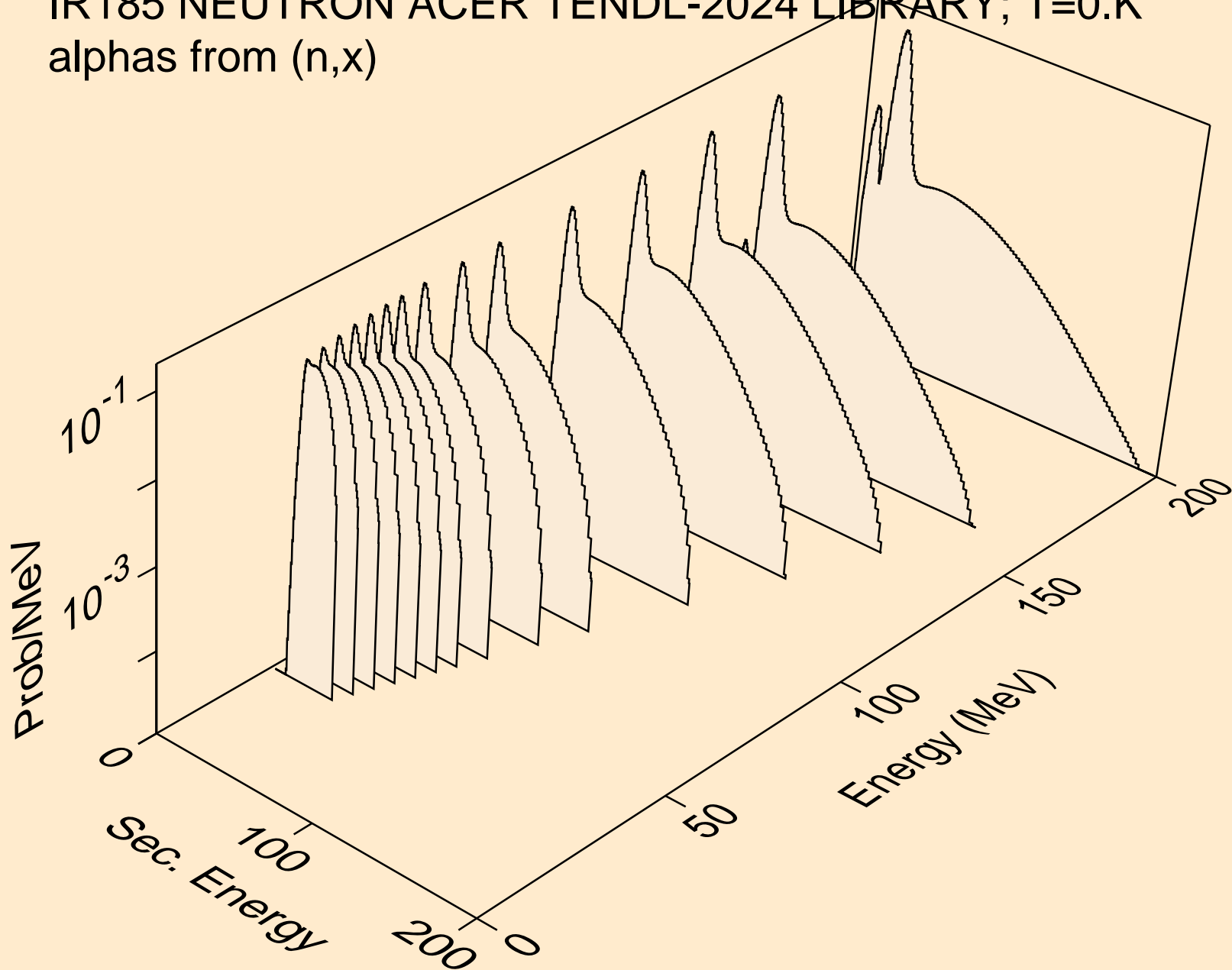
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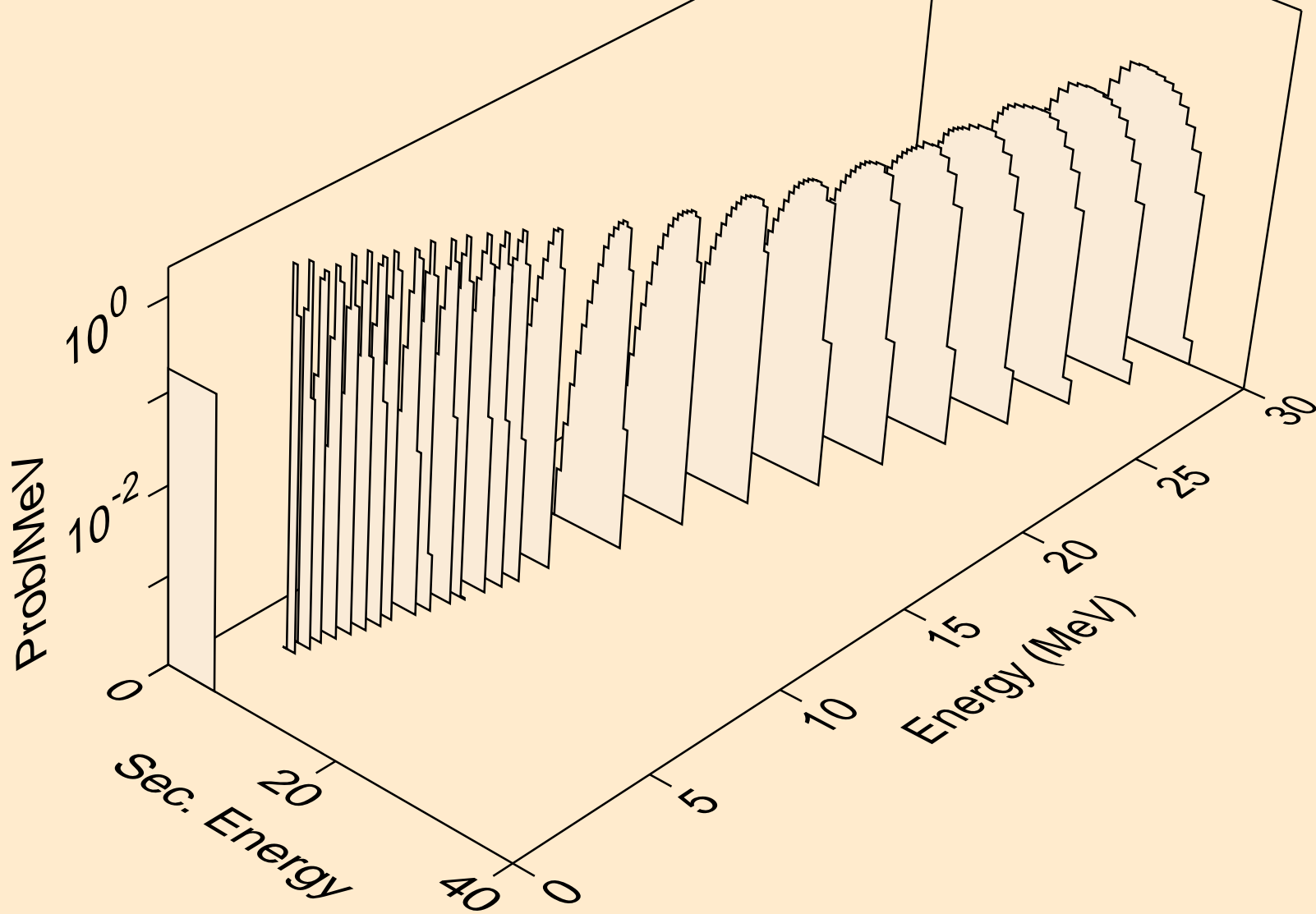
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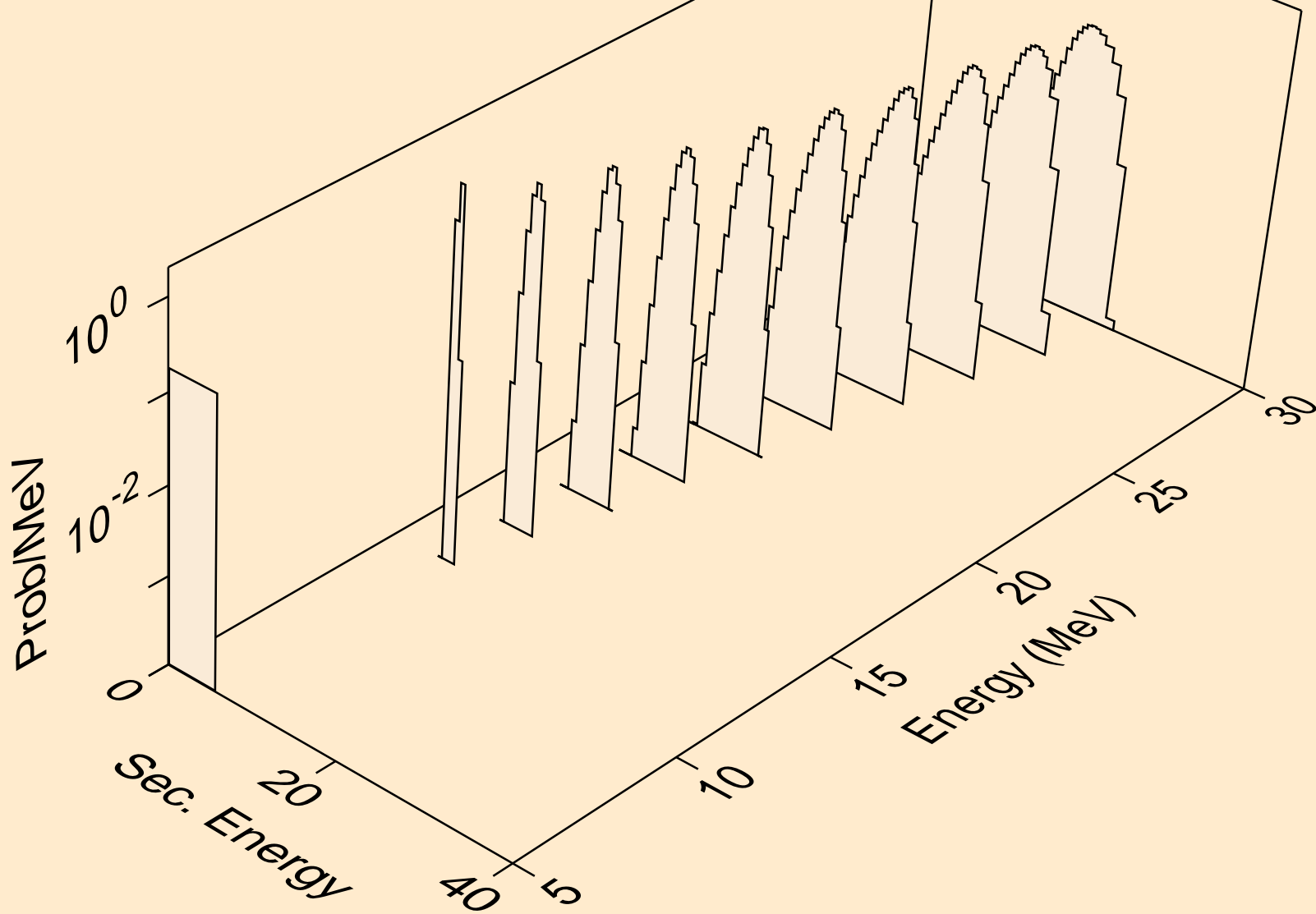
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alphas from (n,x)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

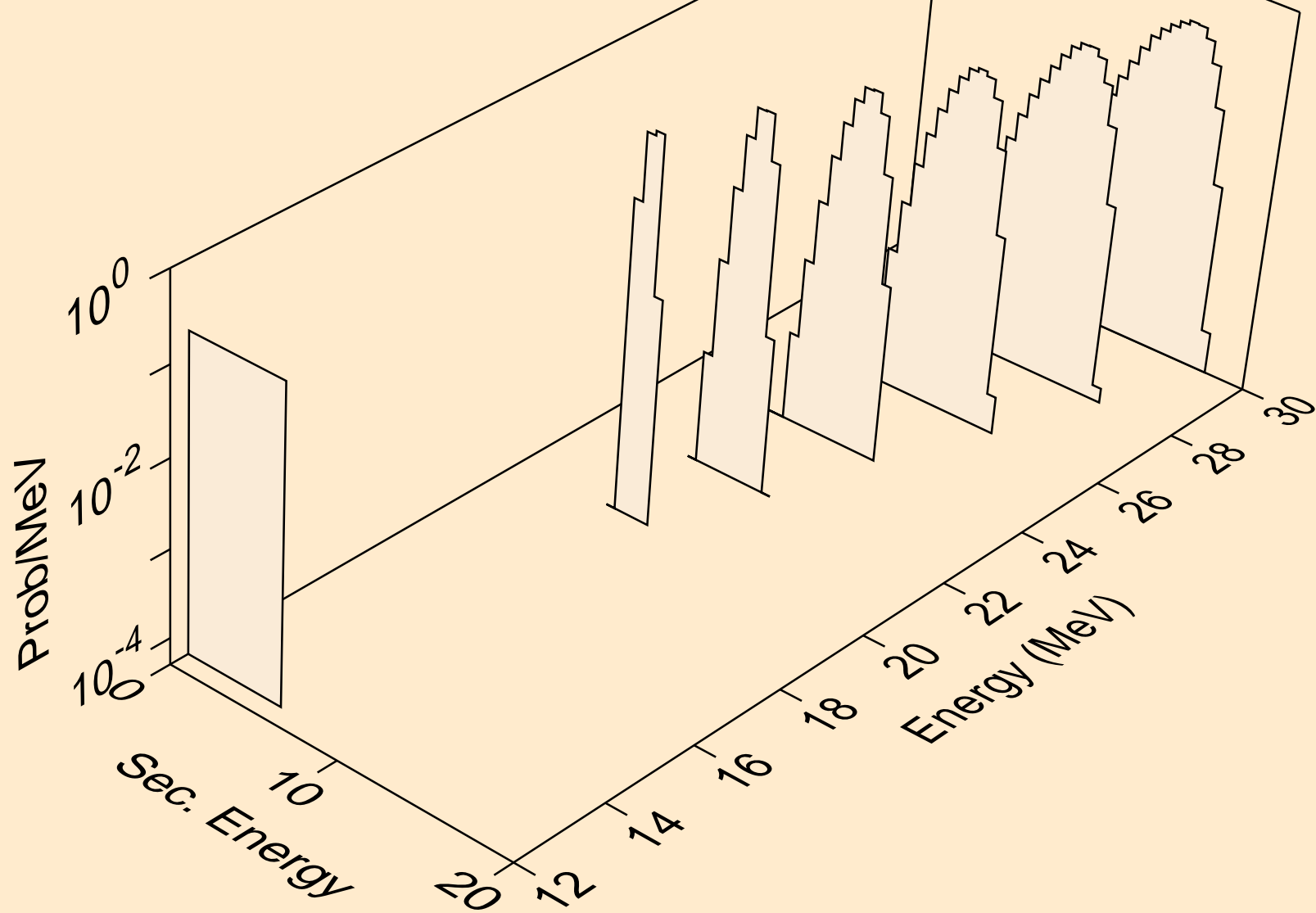


IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

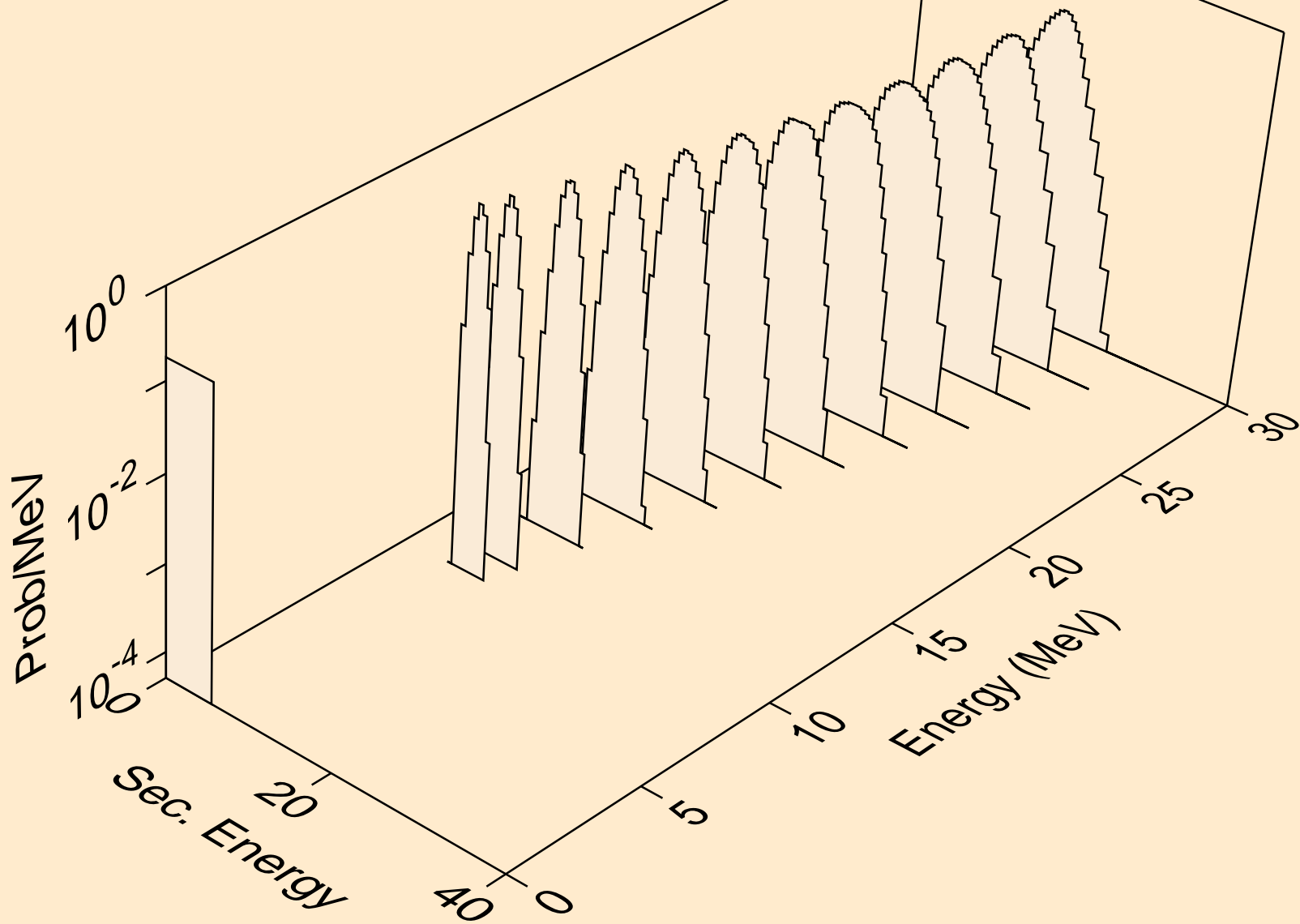




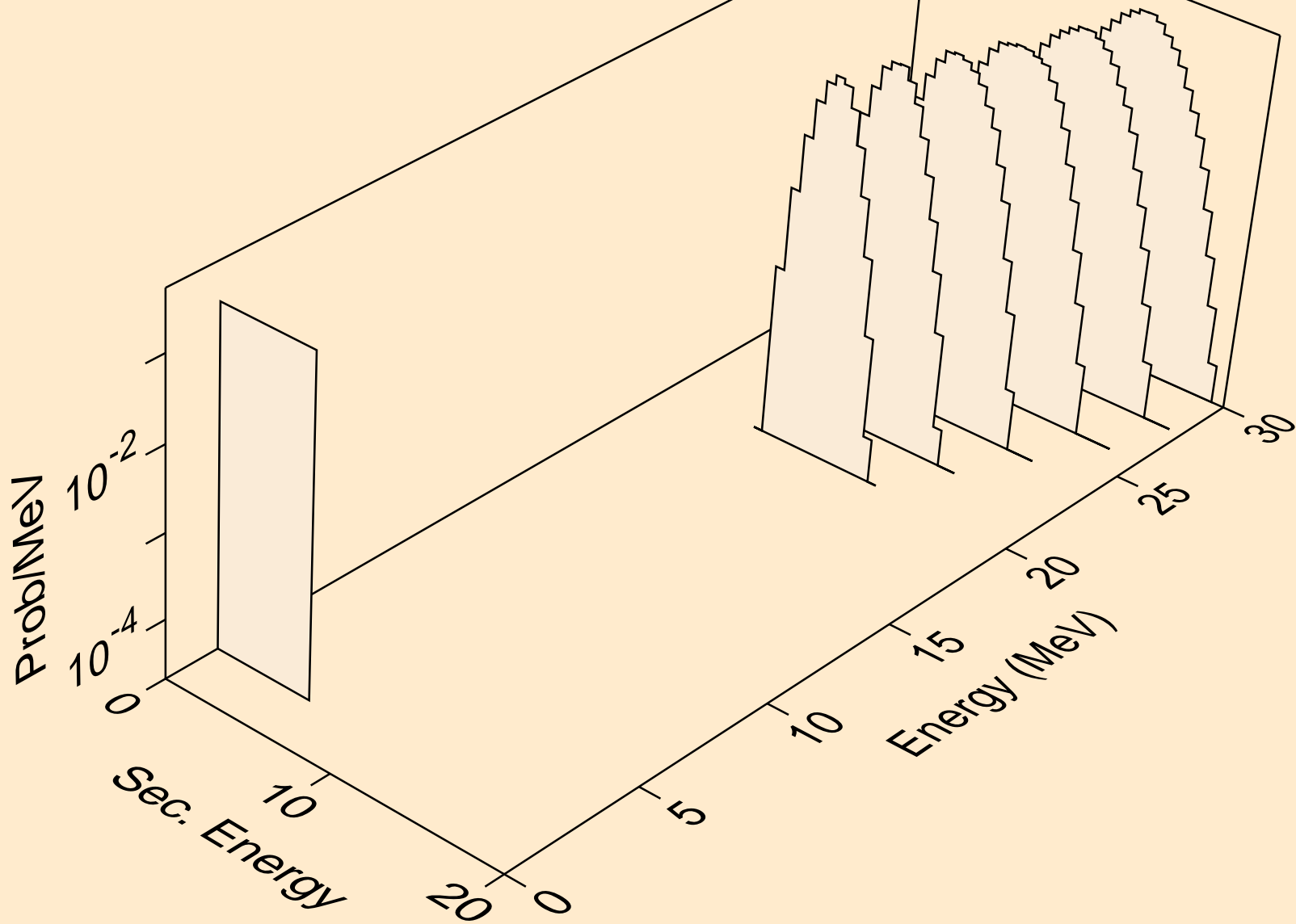
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alphas from (n,3n)a



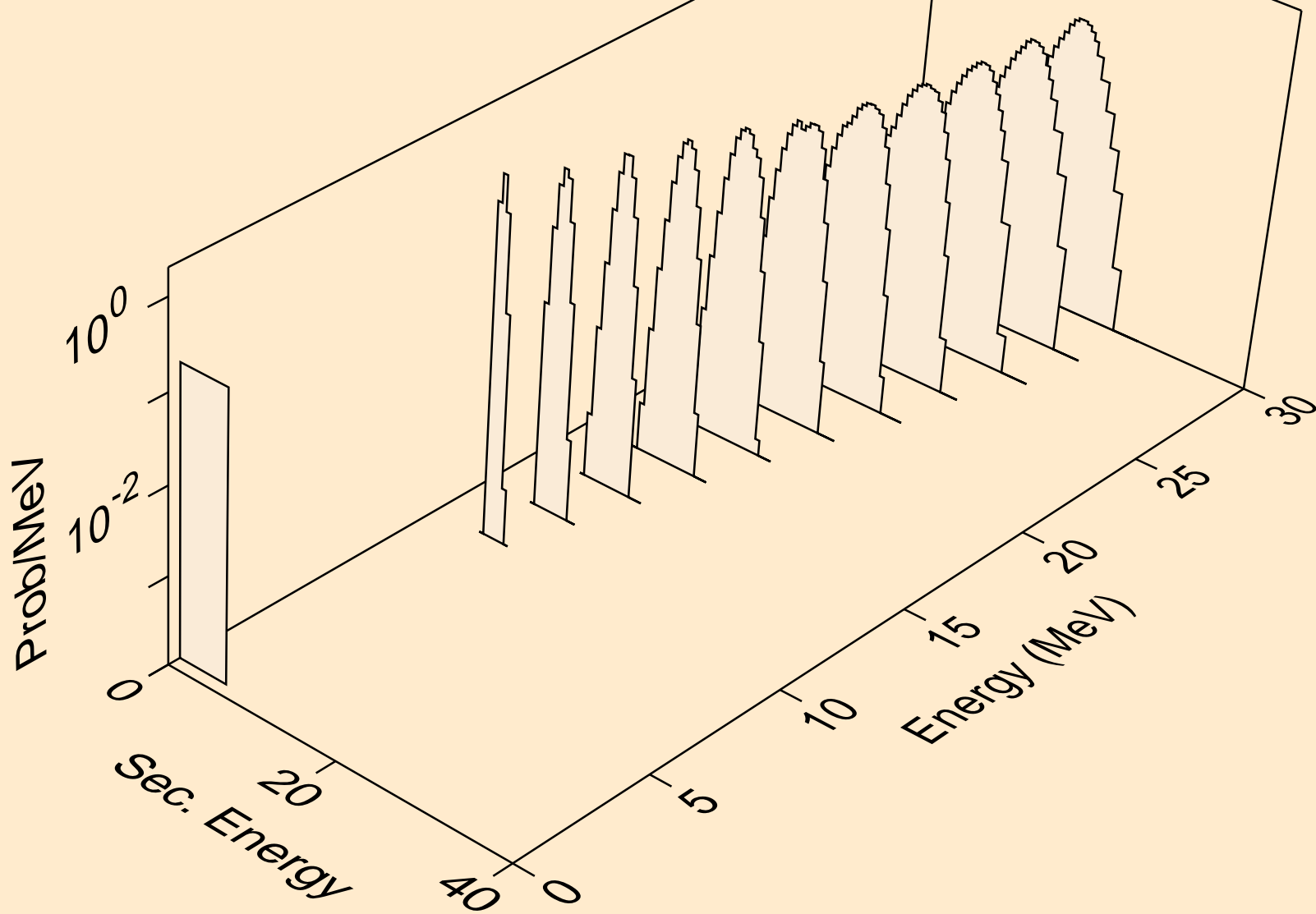
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



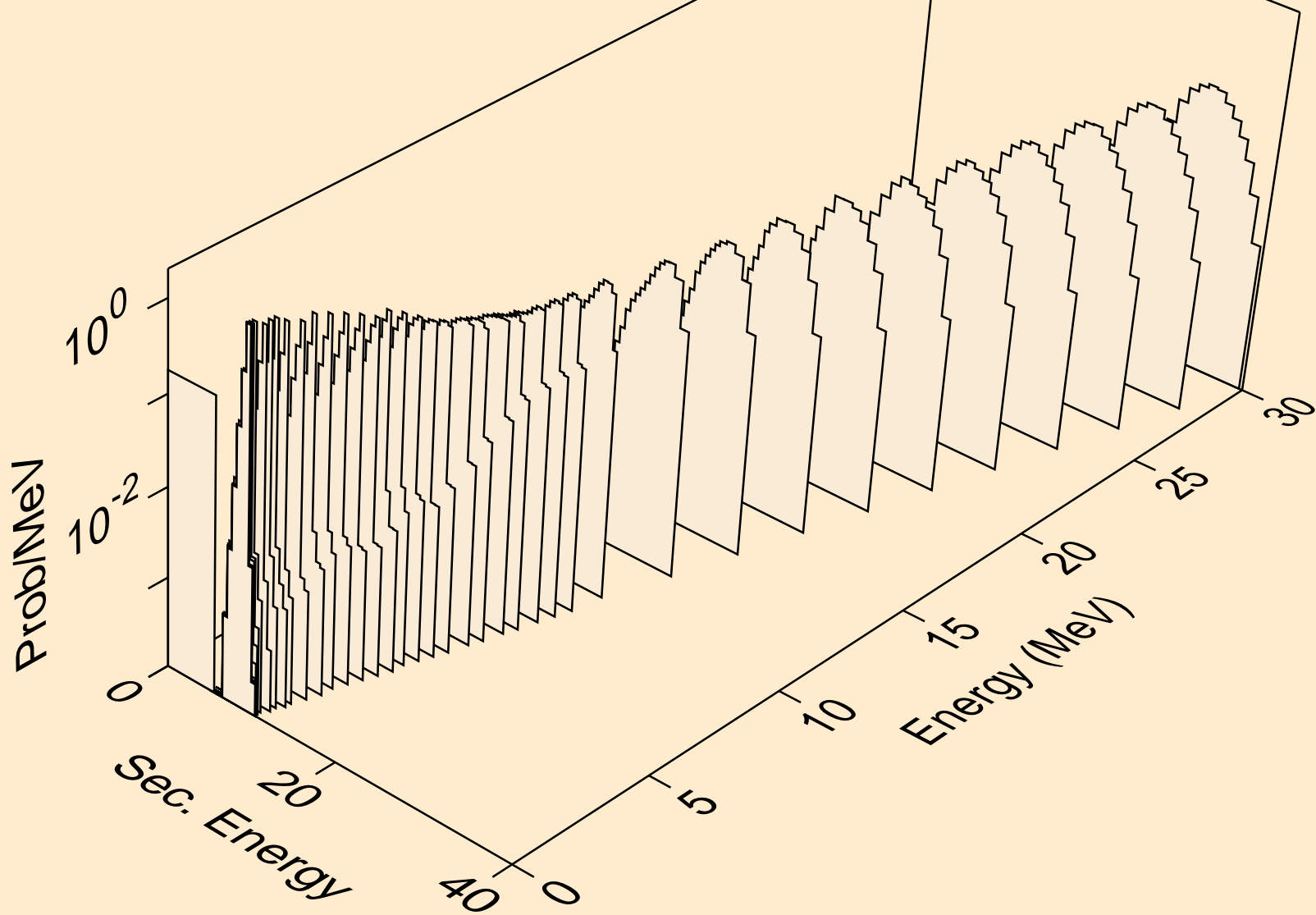
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



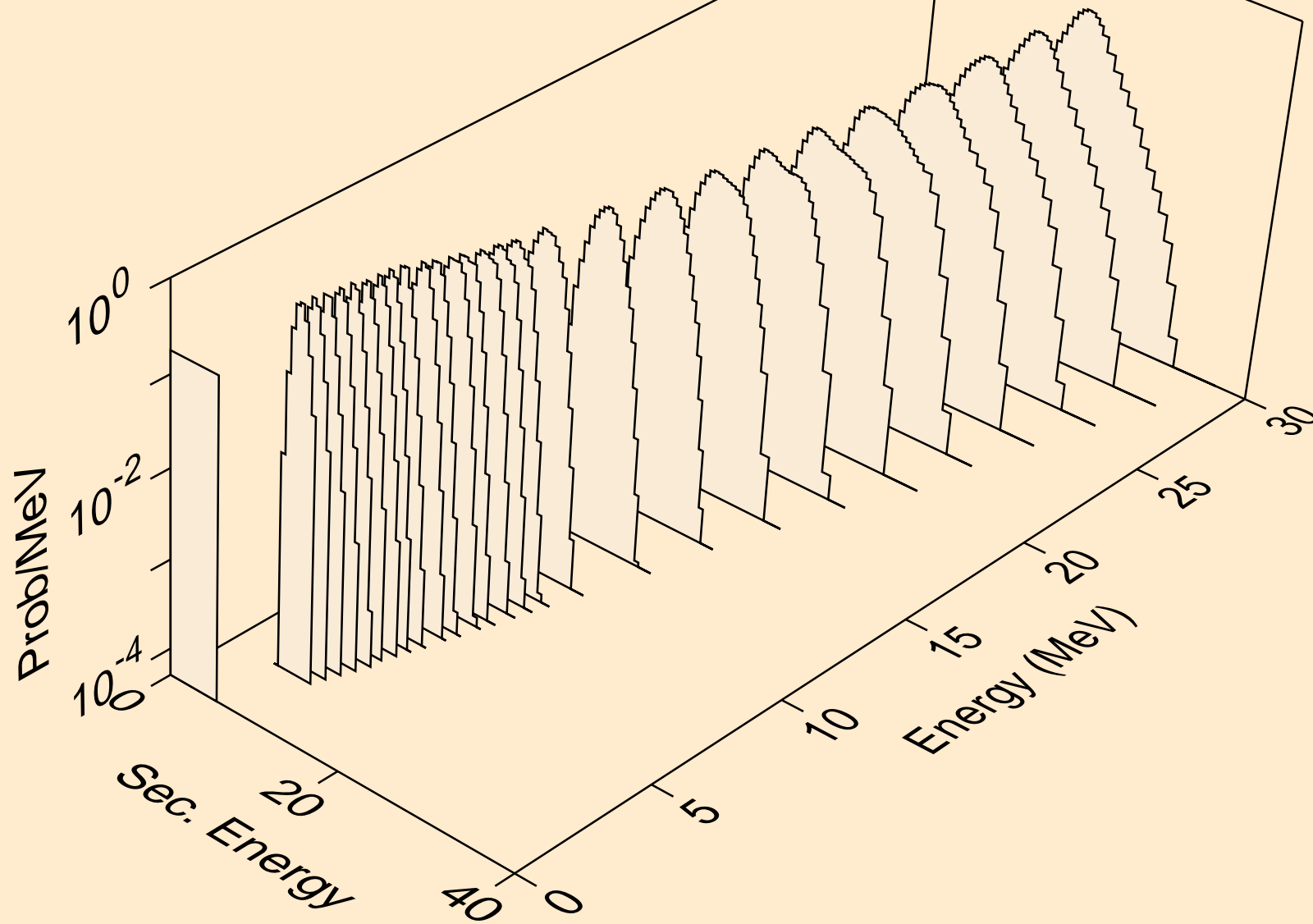
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



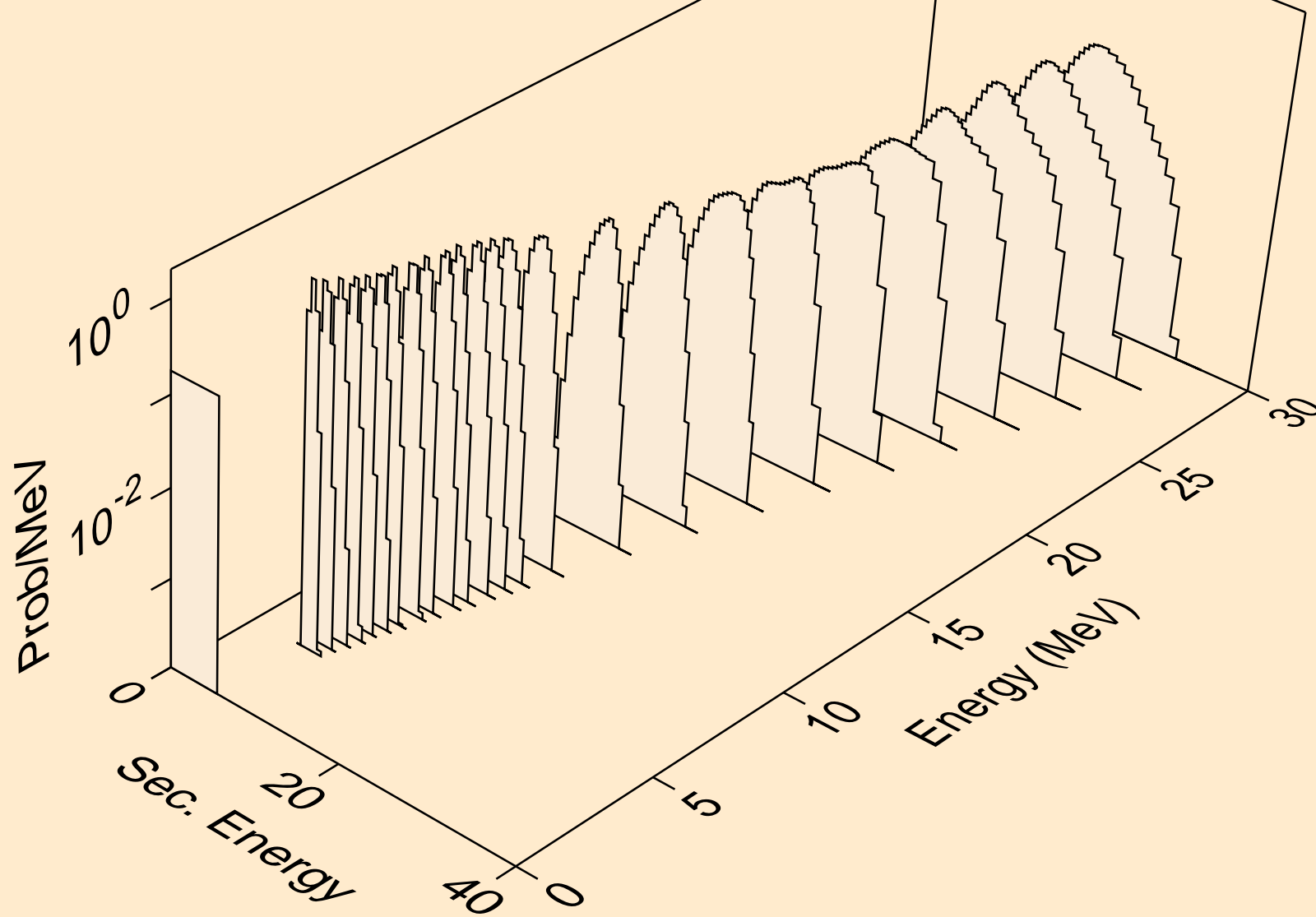
IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



IR185 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

