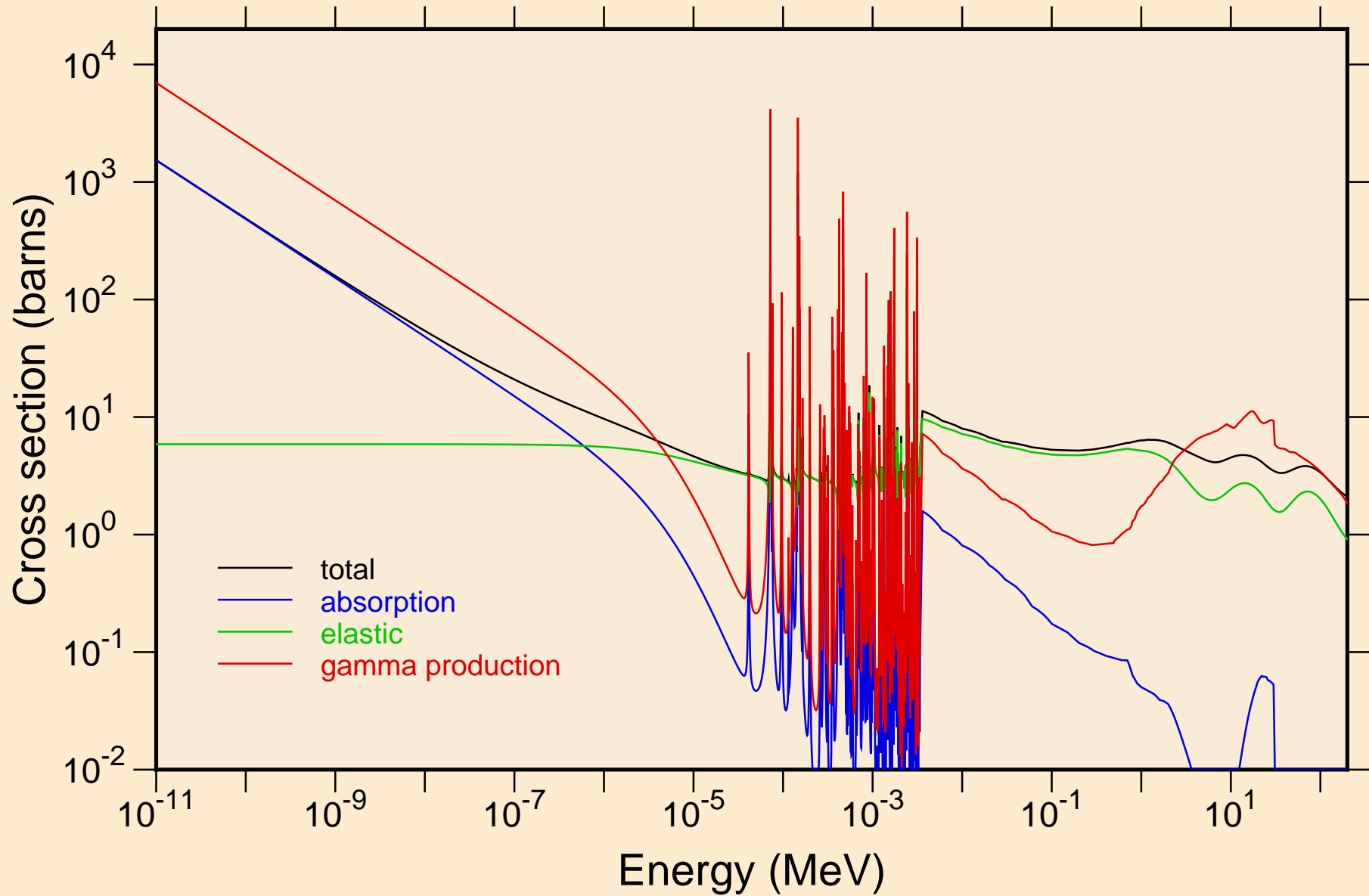
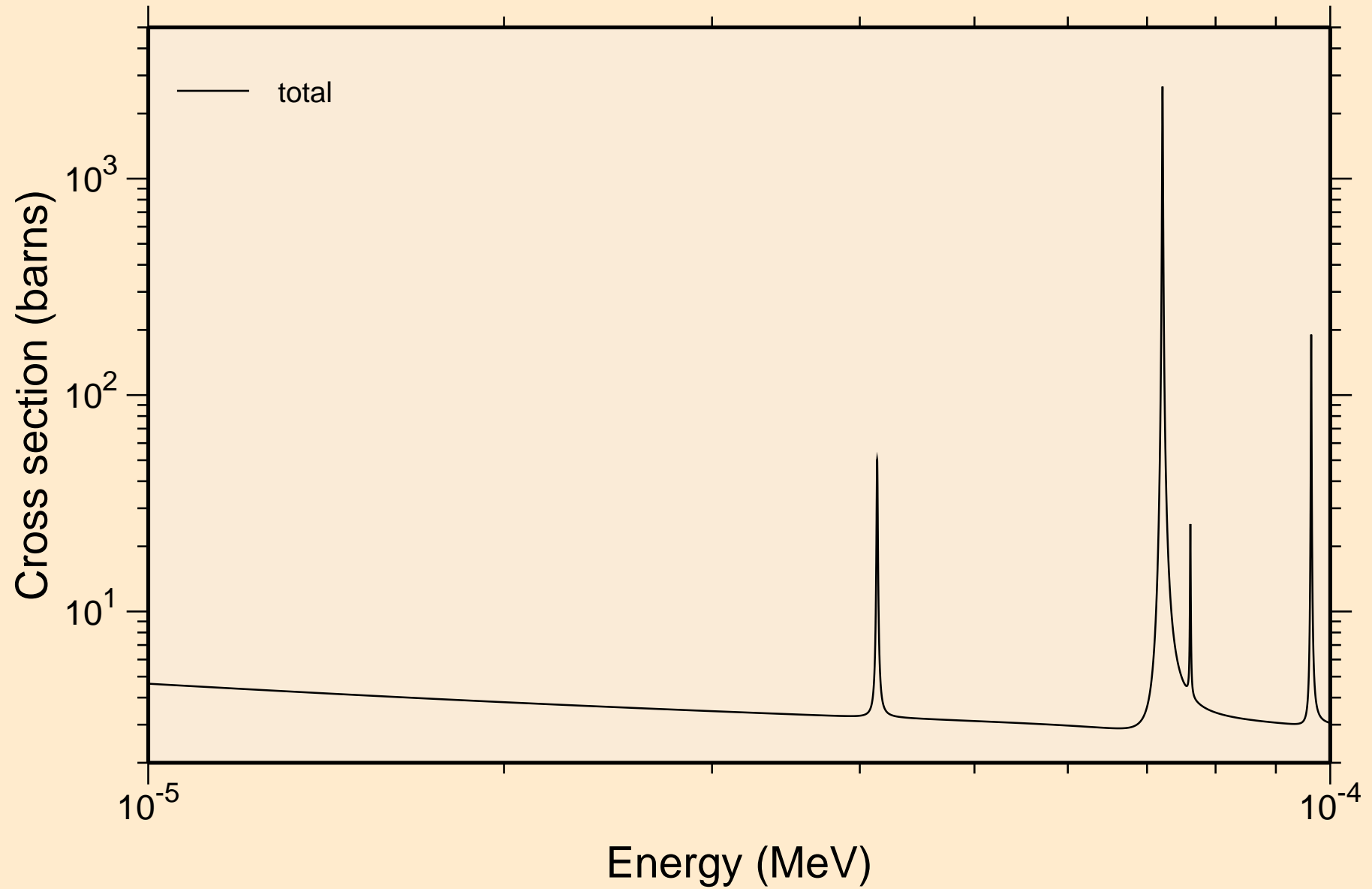


# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

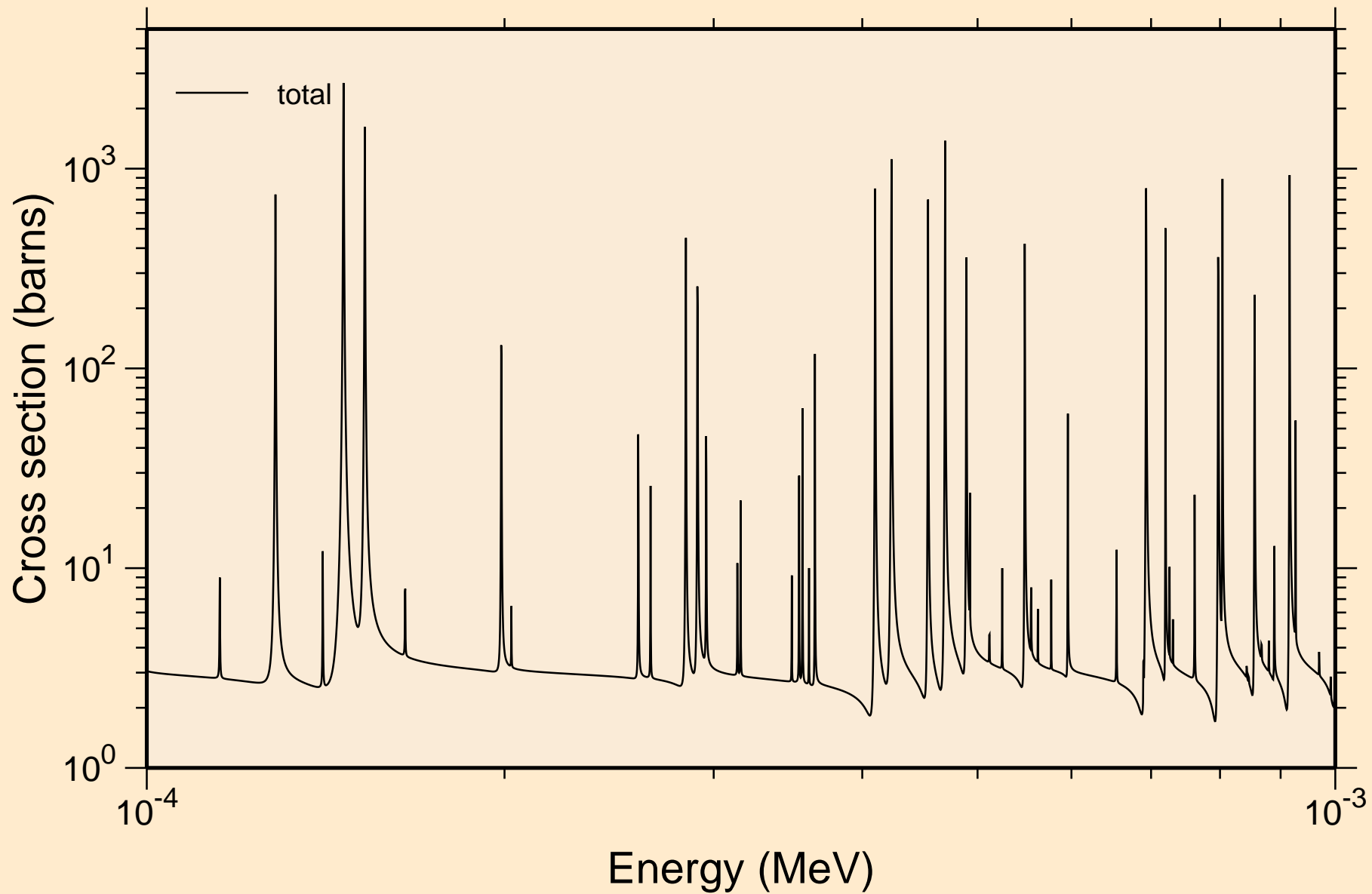
## Principal cross sections



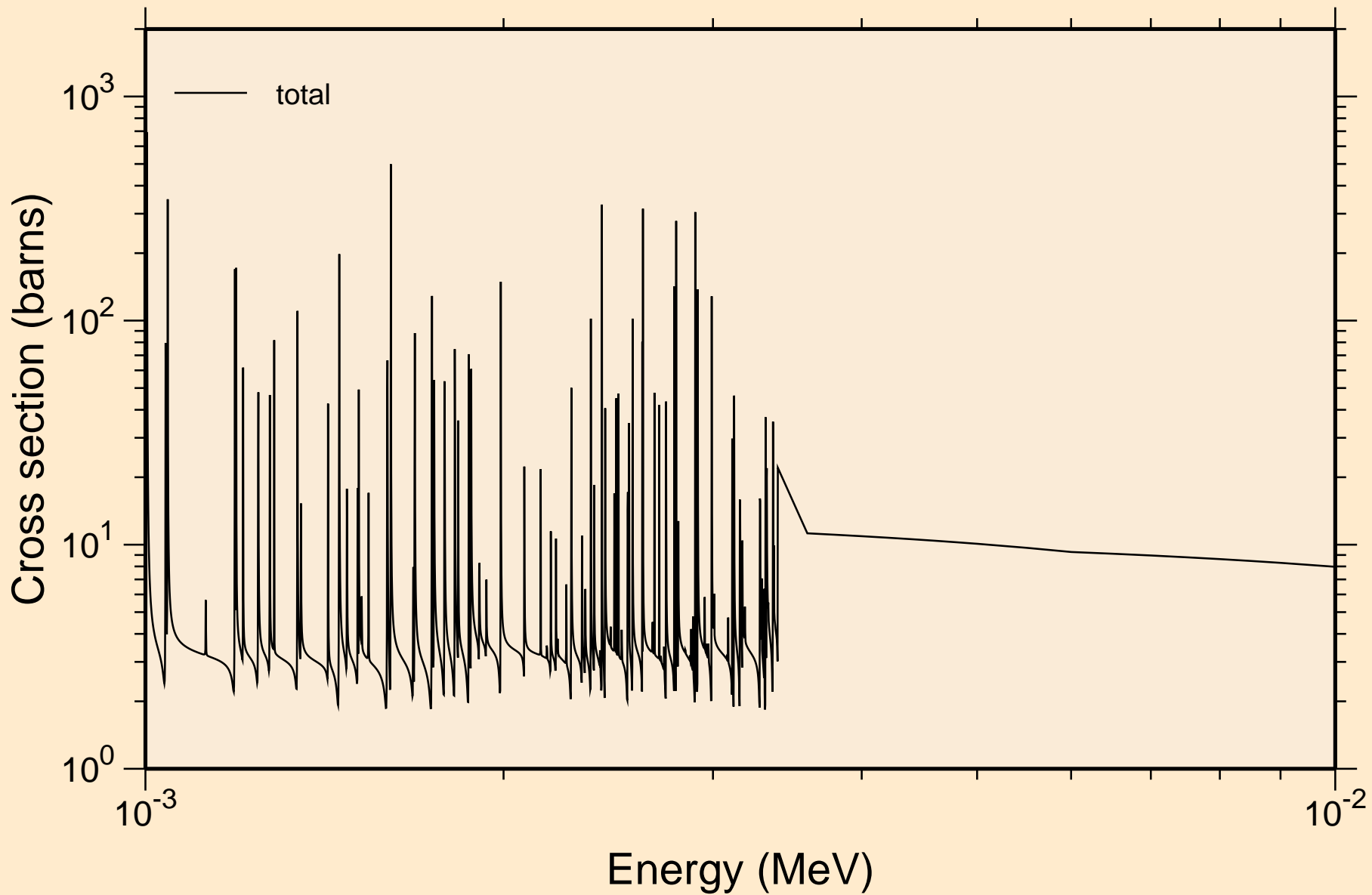
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



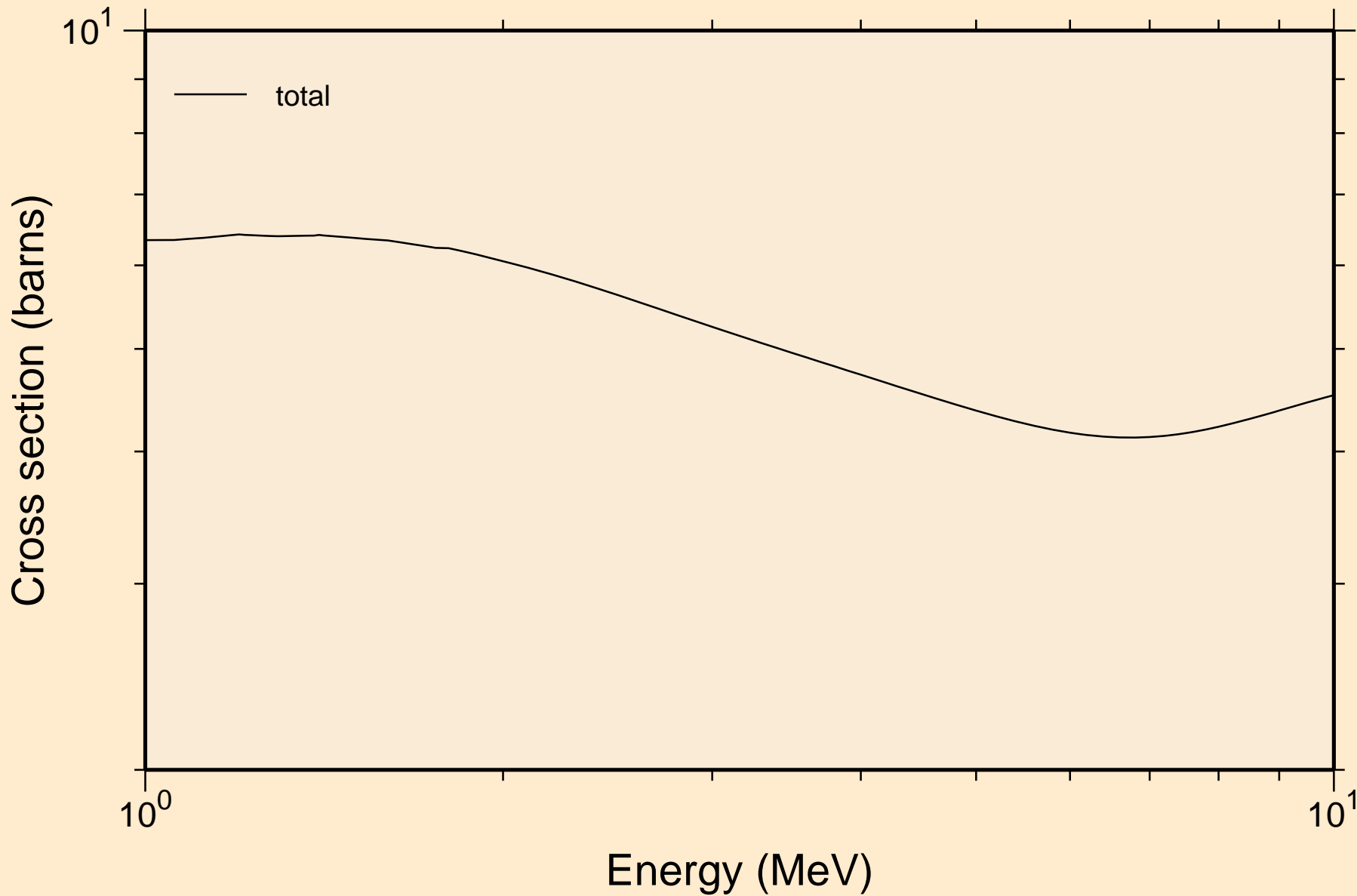
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



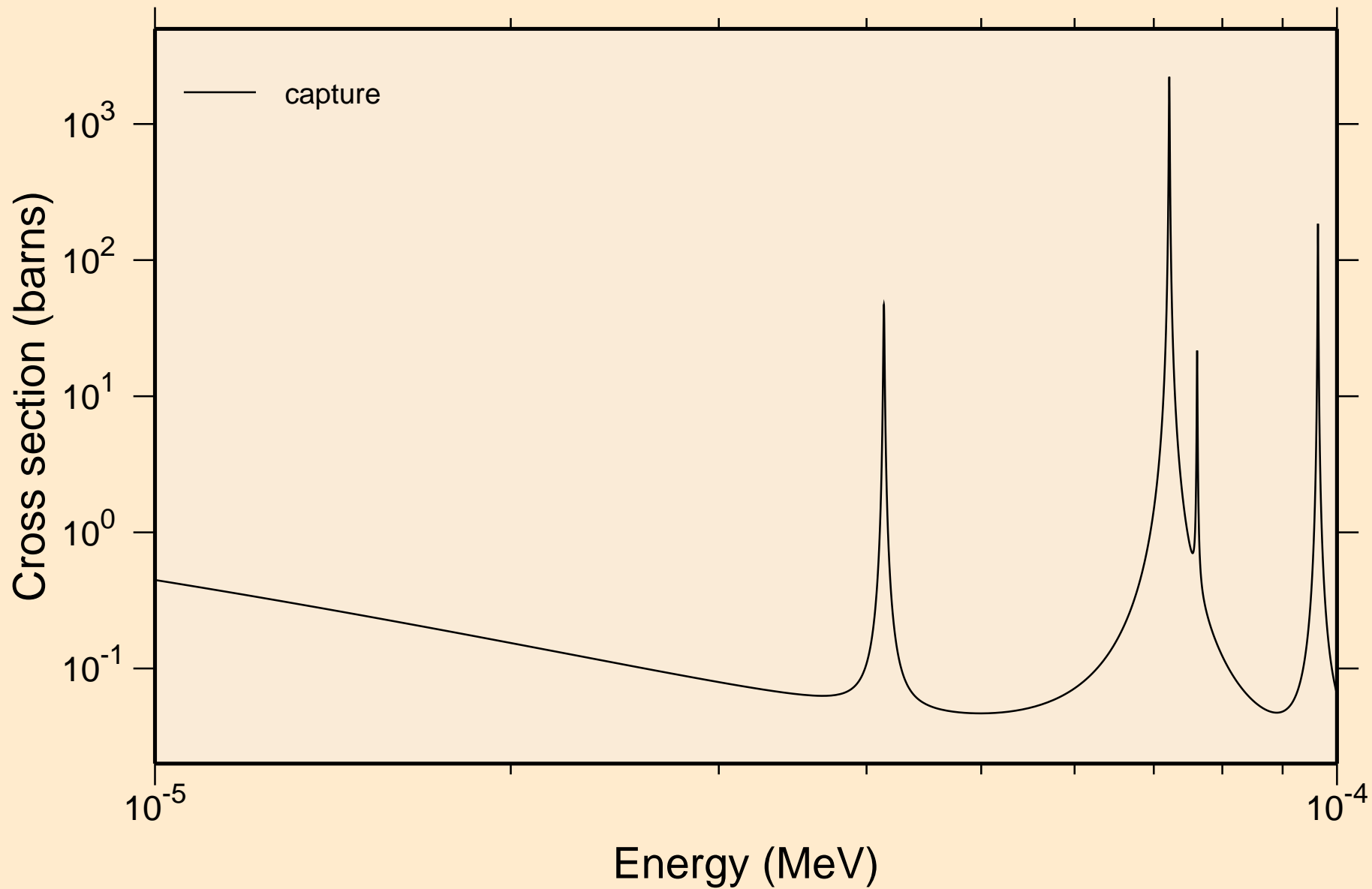
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



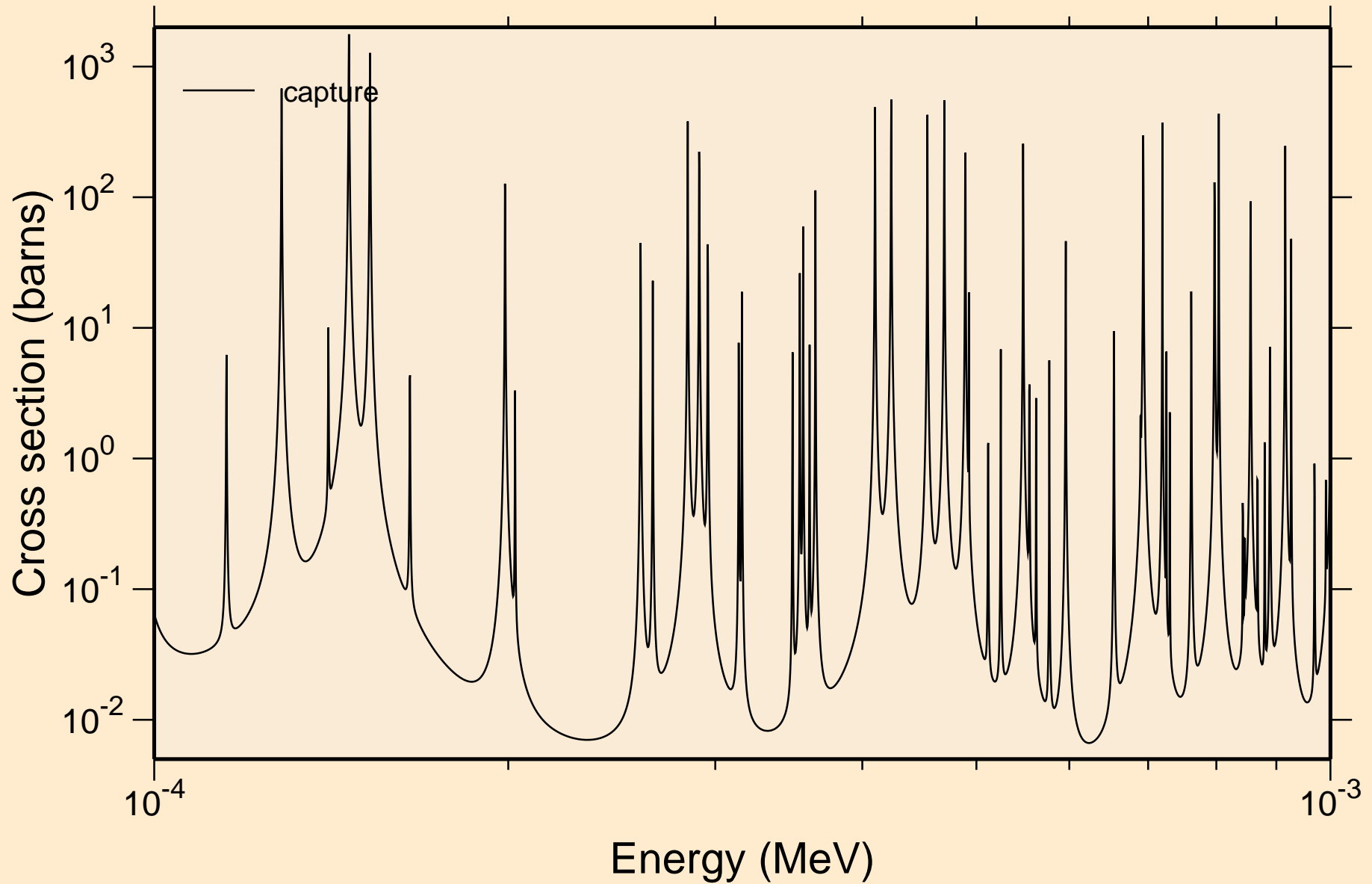
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



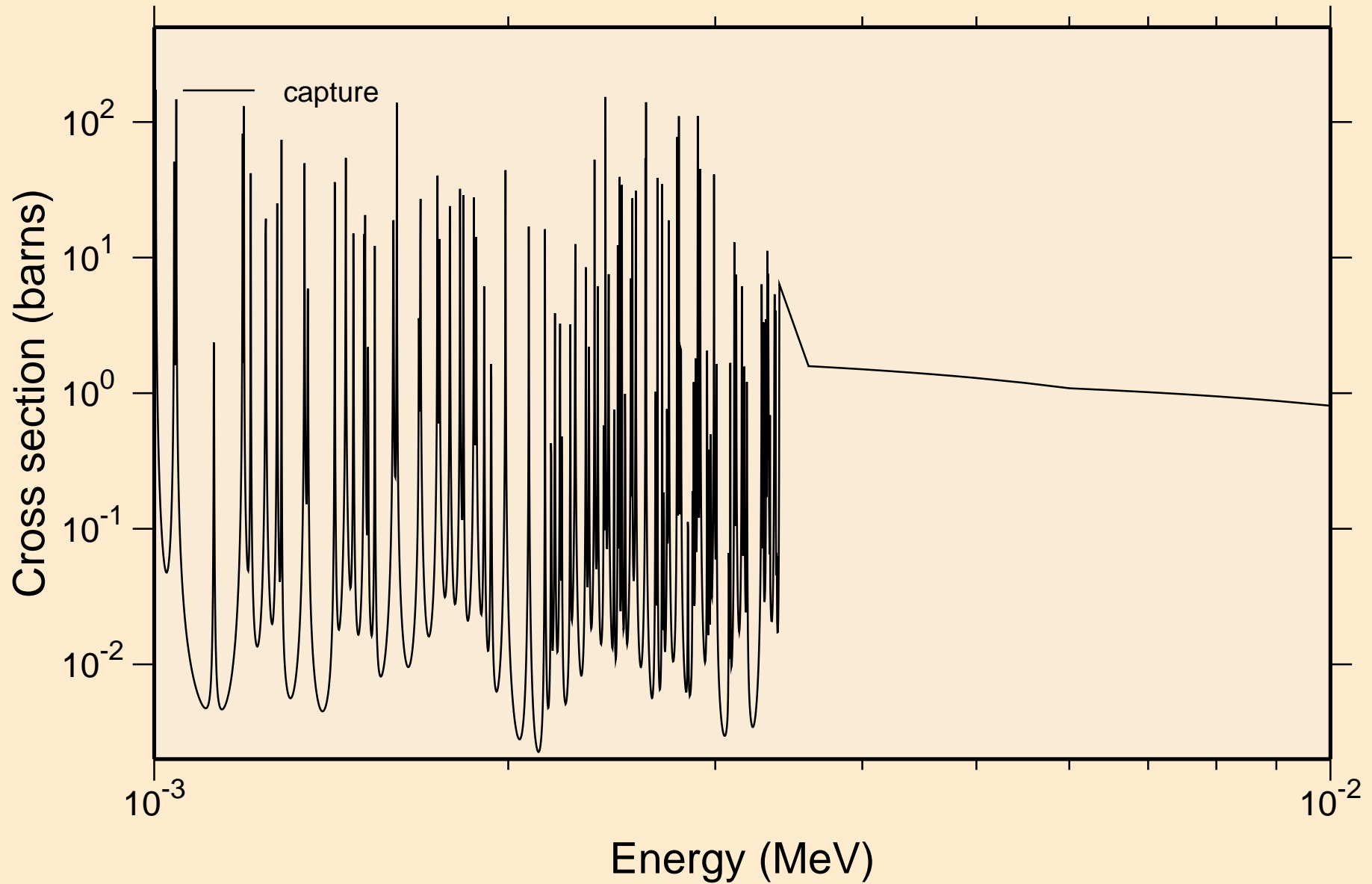
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

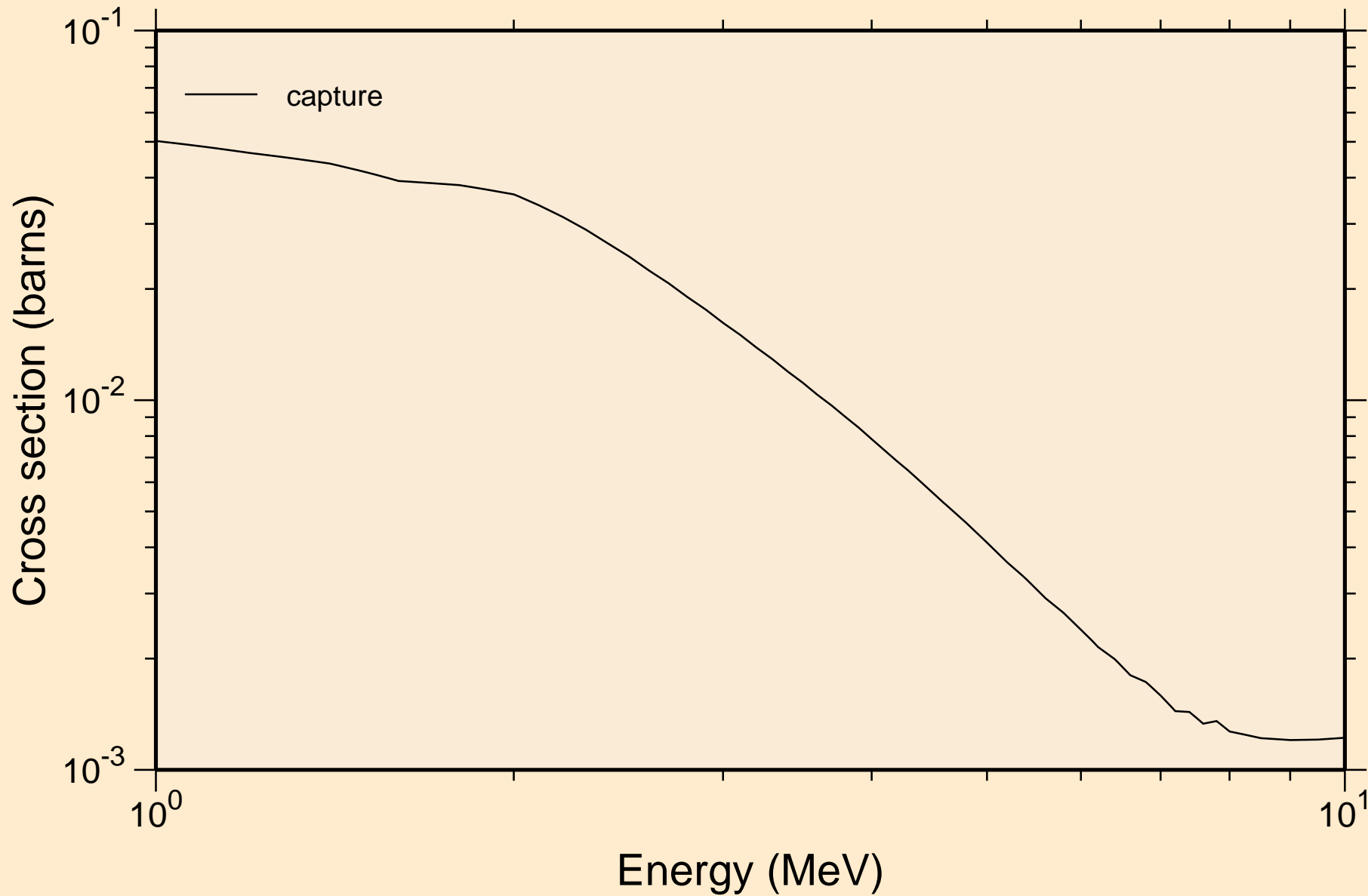


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



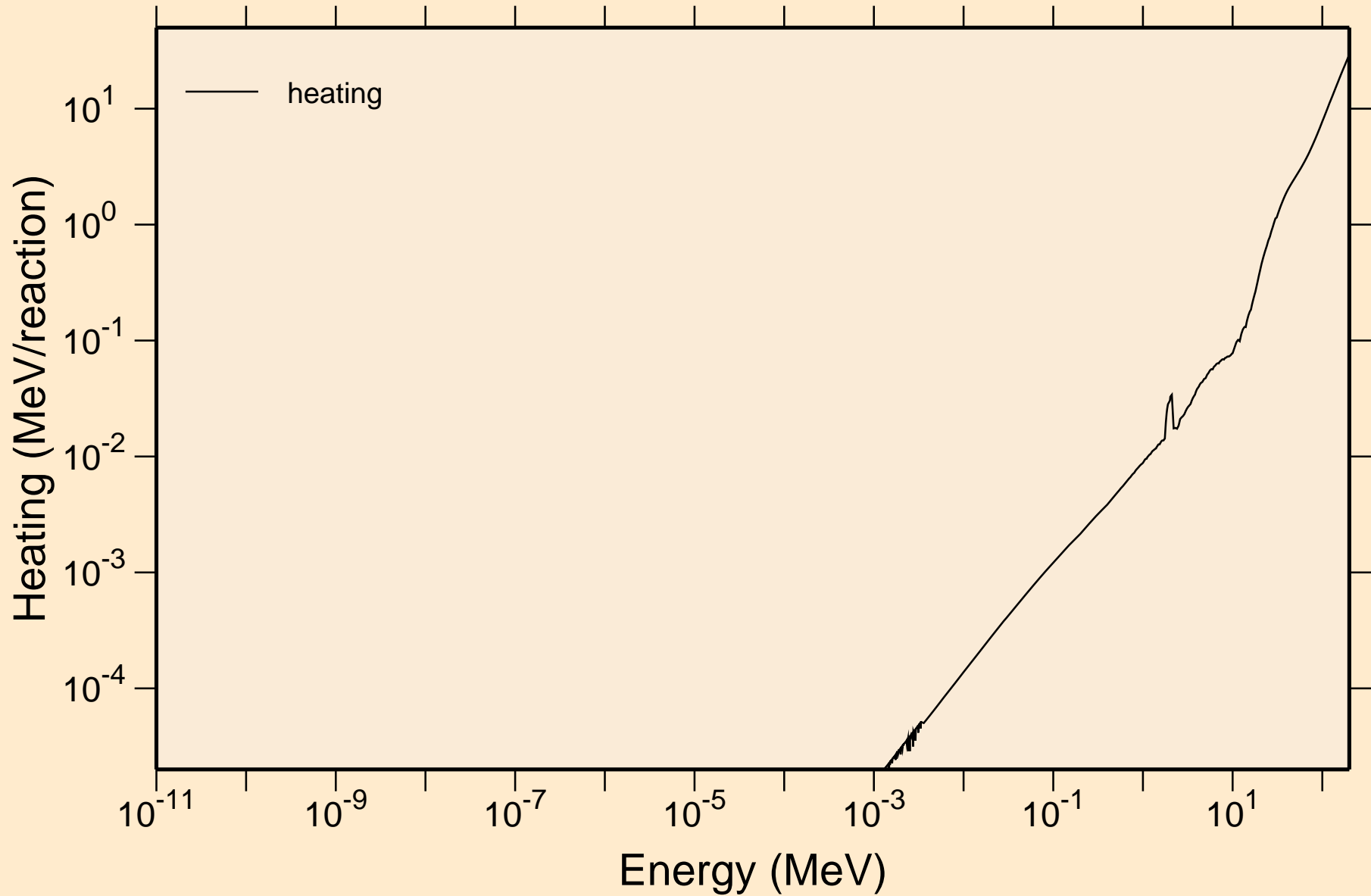


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



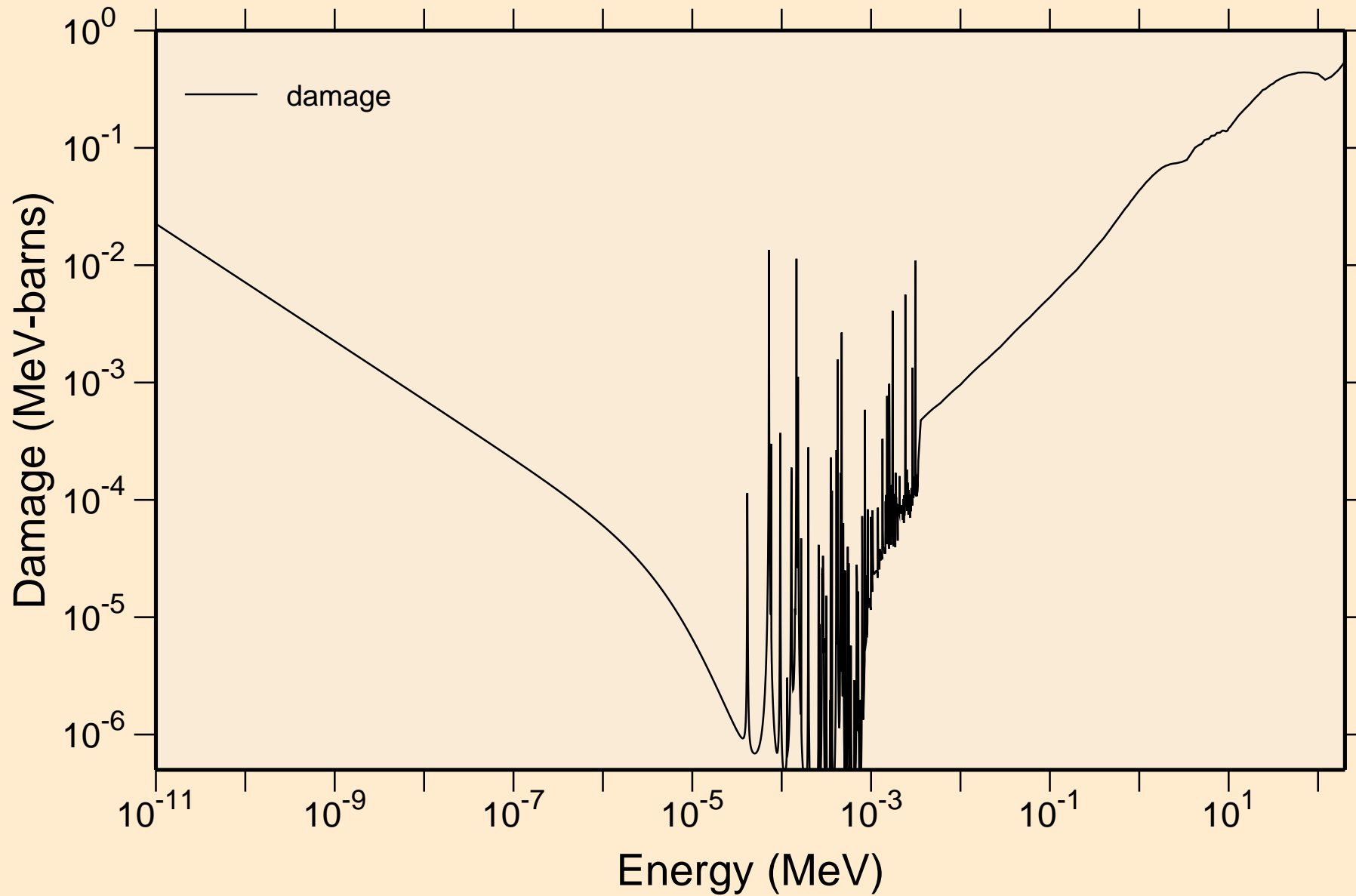
# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

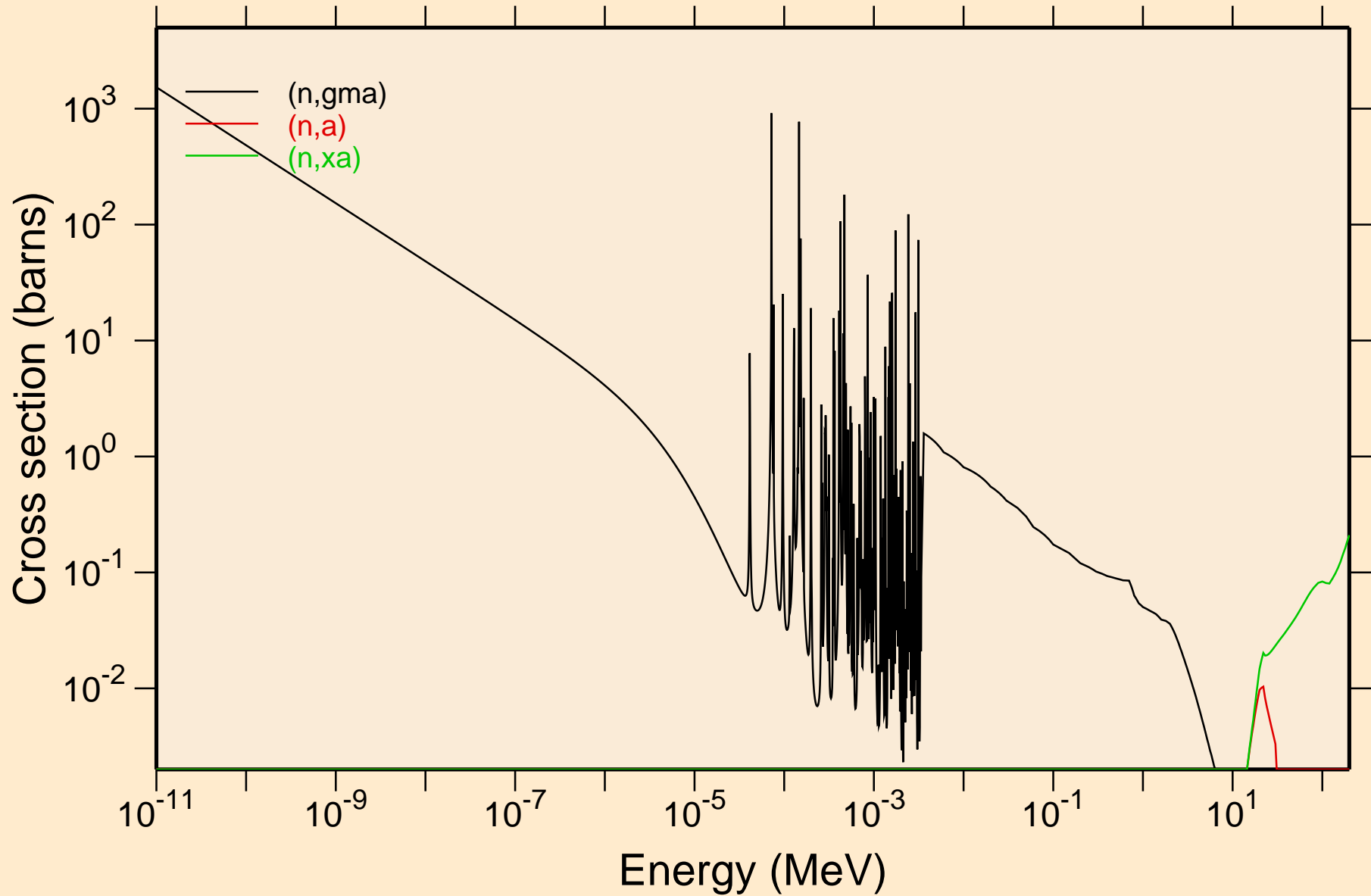


# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

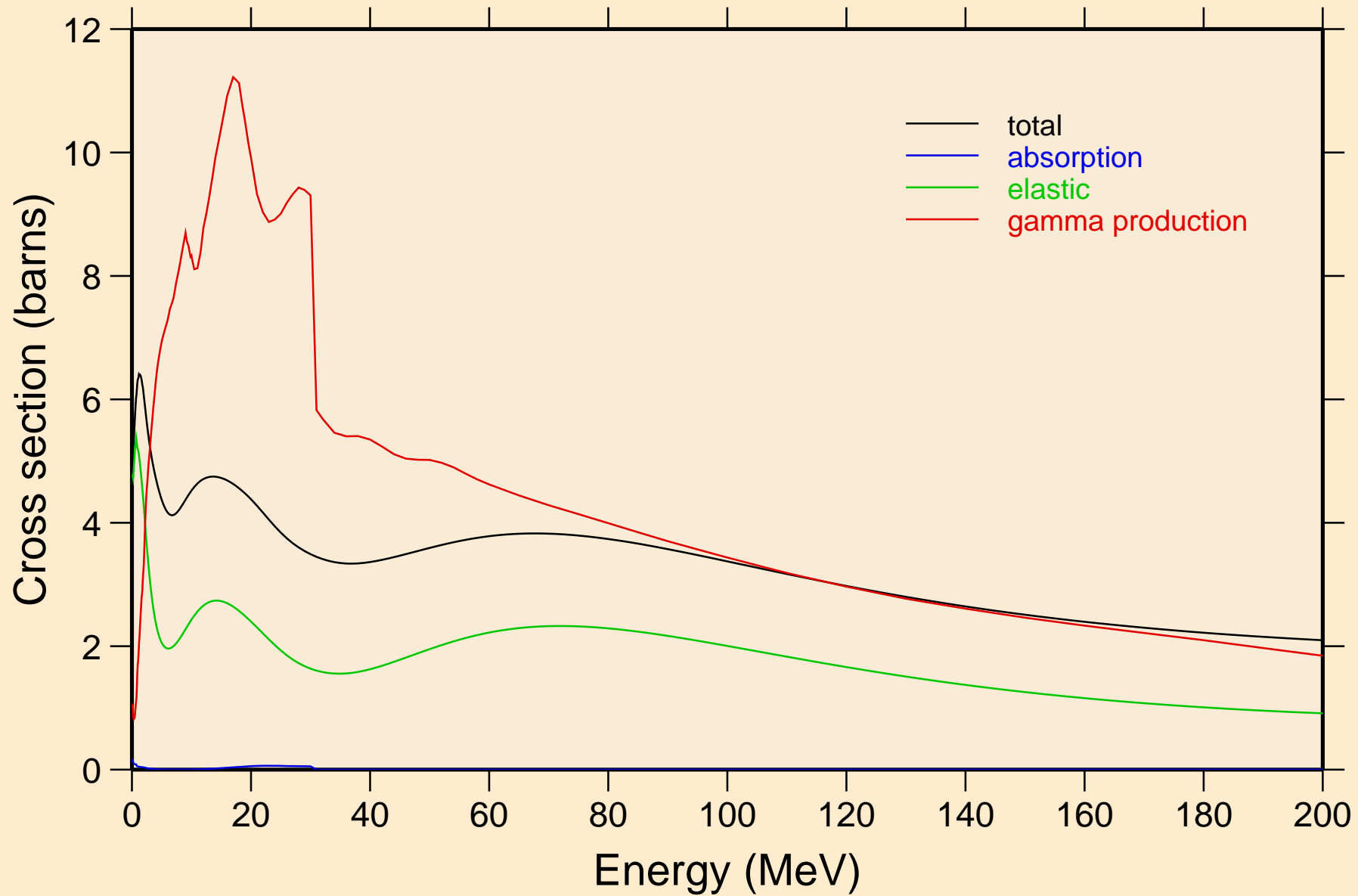


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



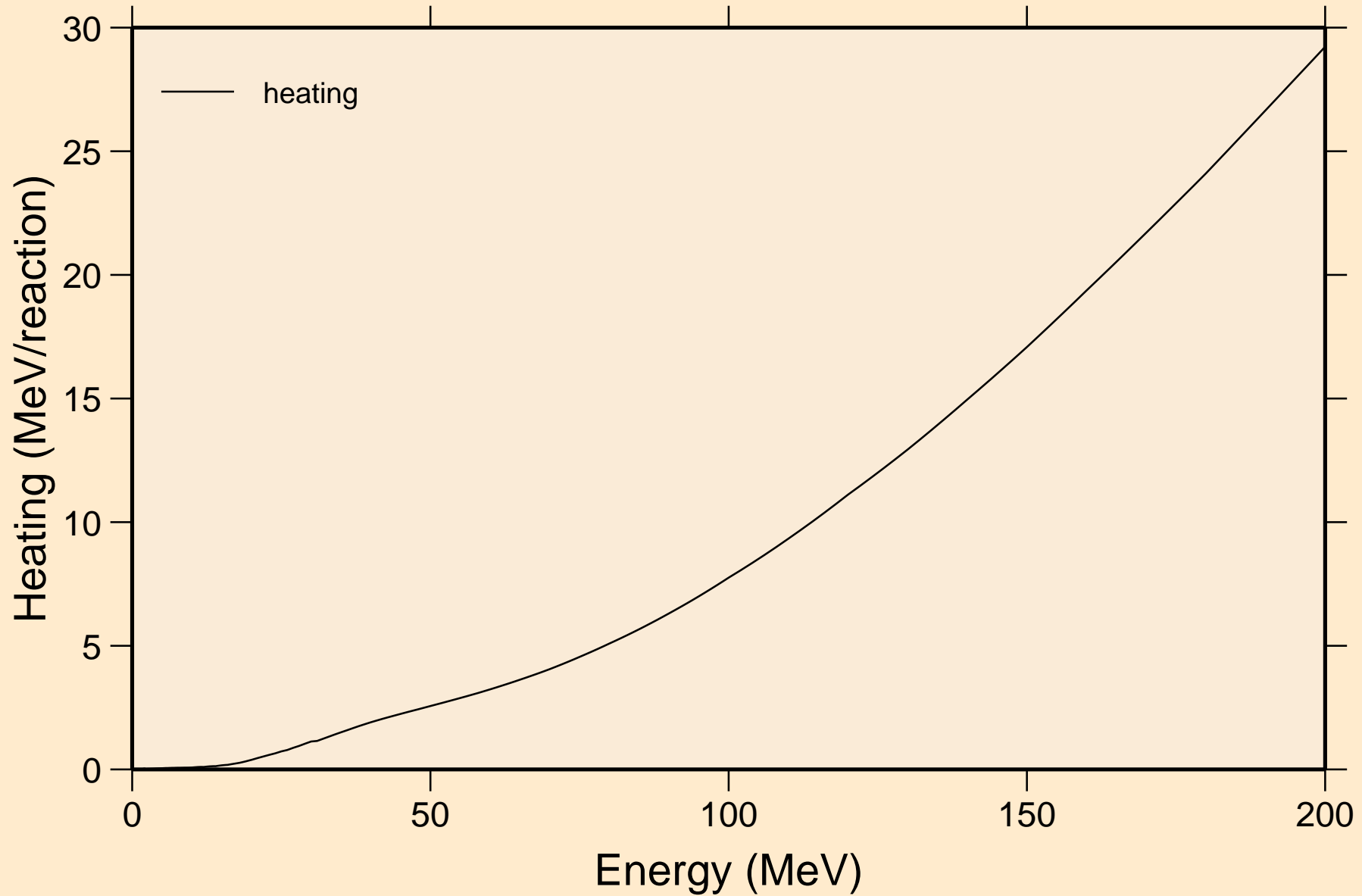
# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



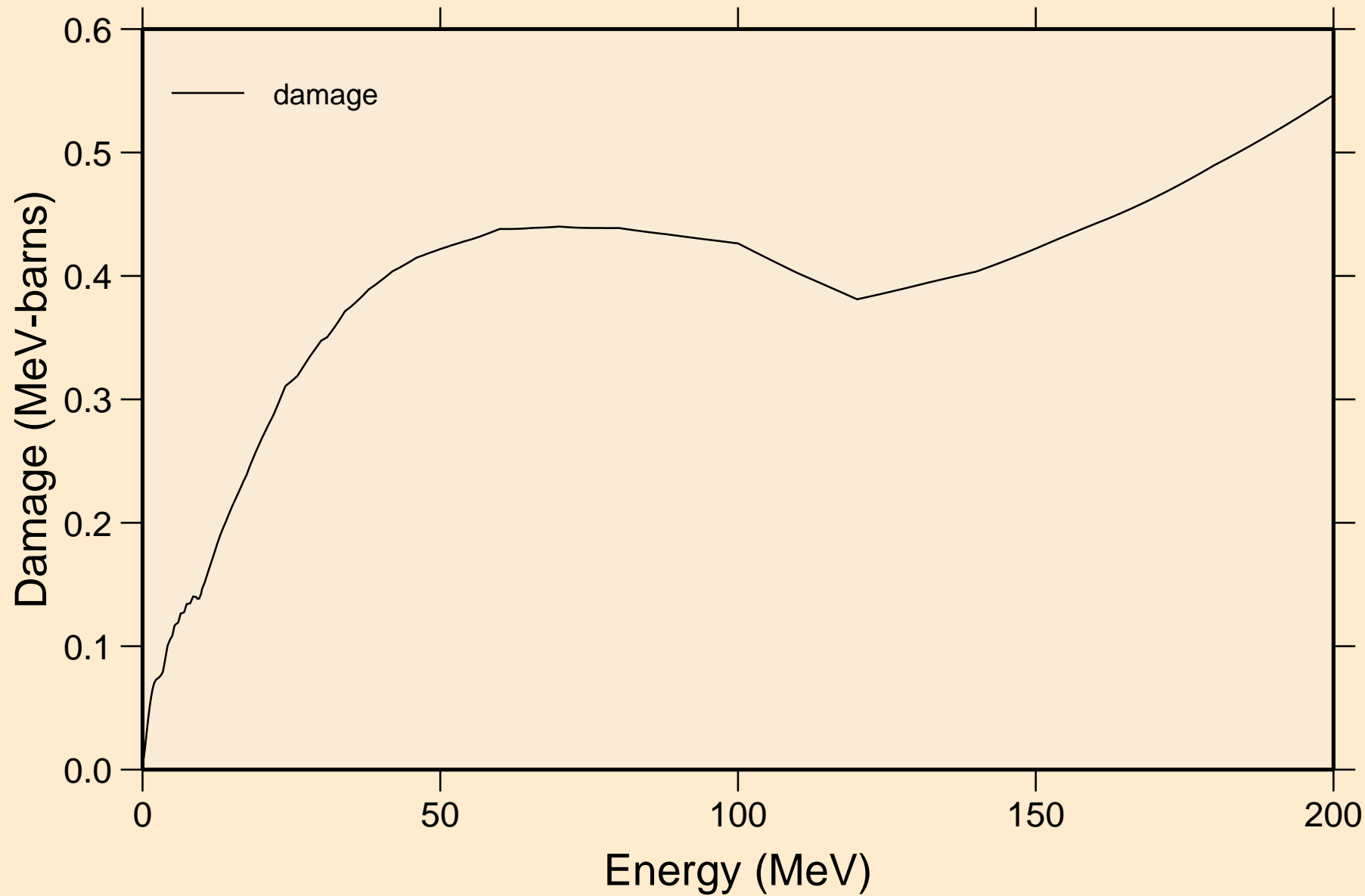
# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



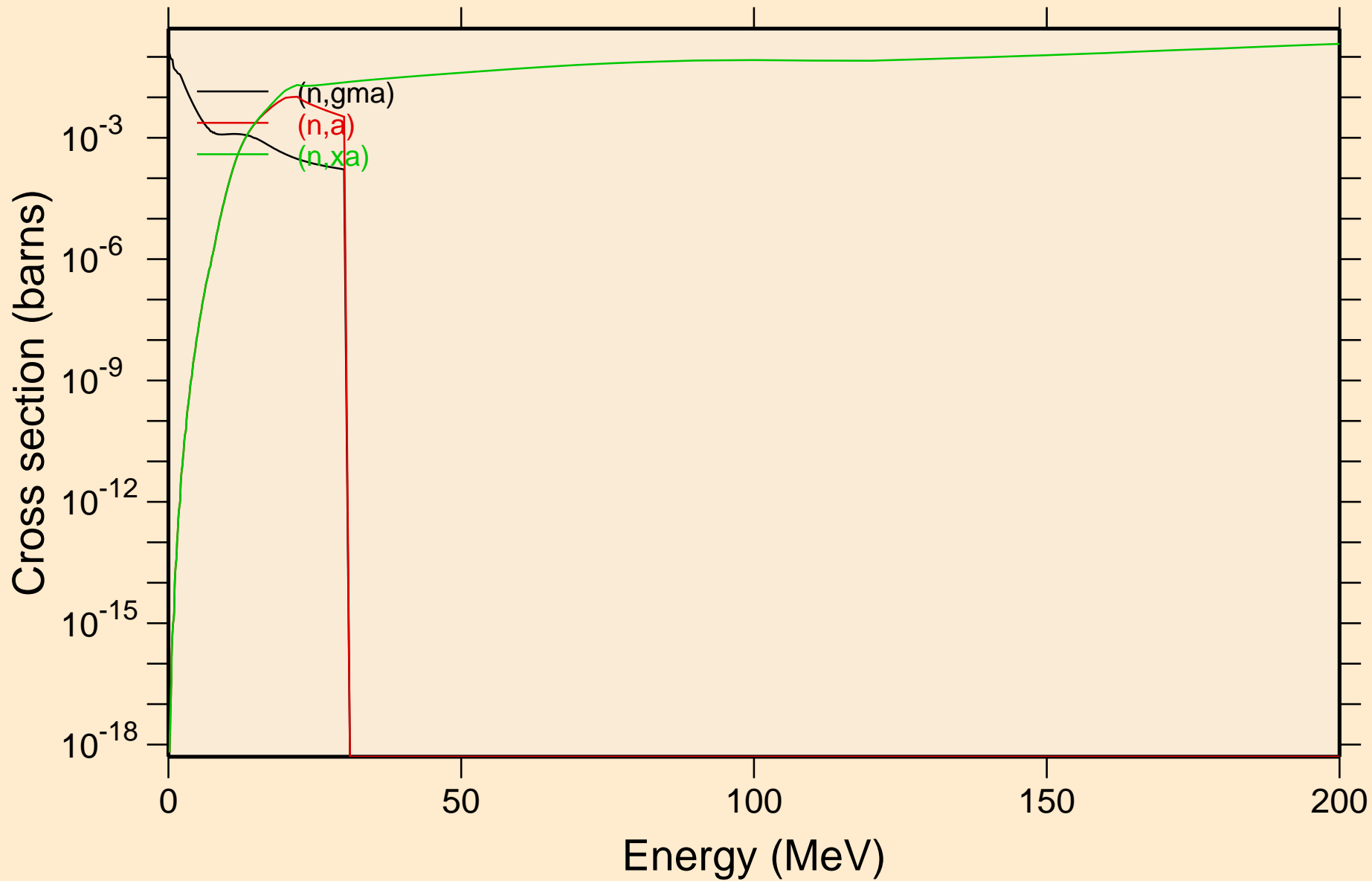
# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

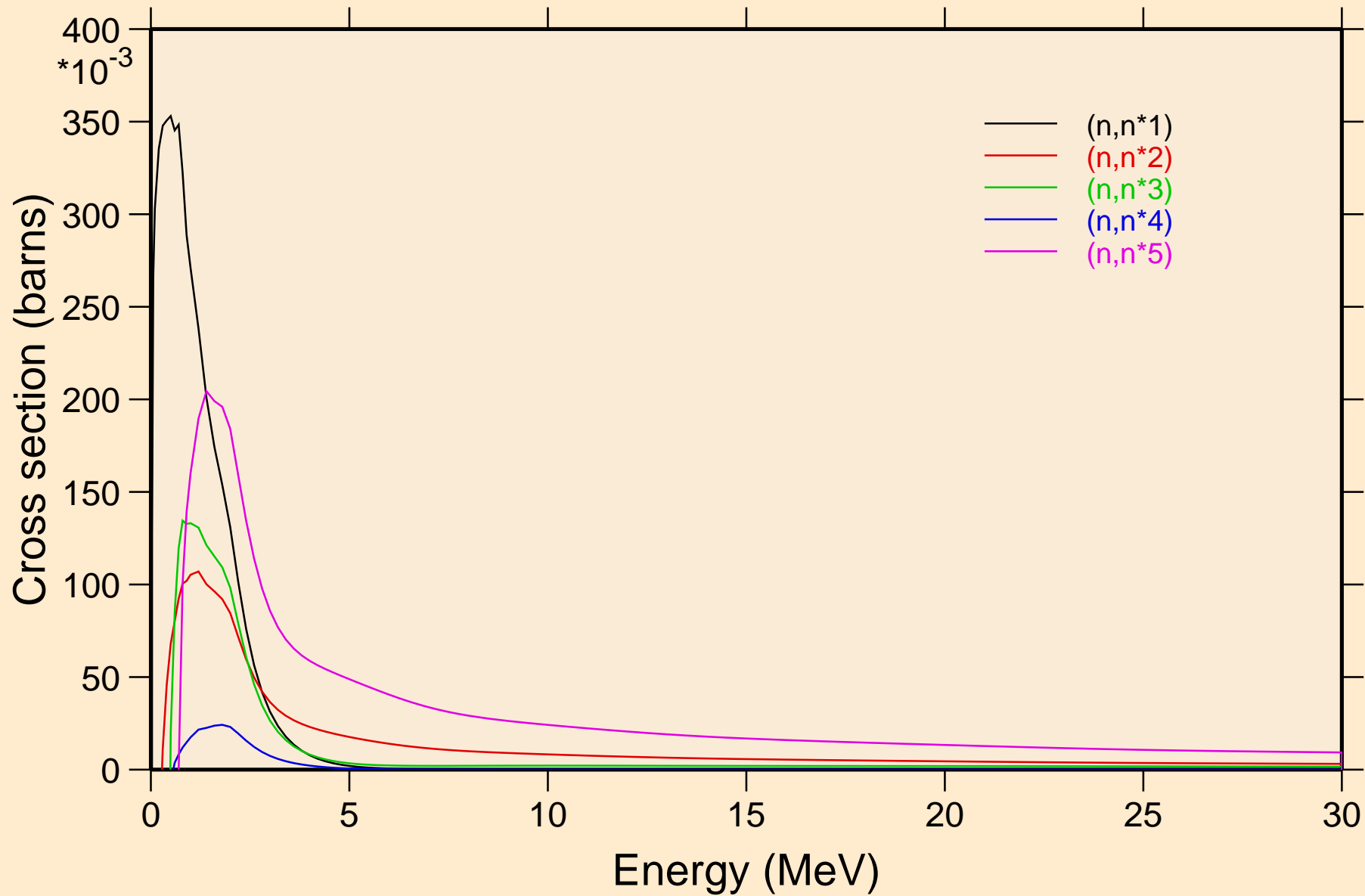
## Non-threshold reactions





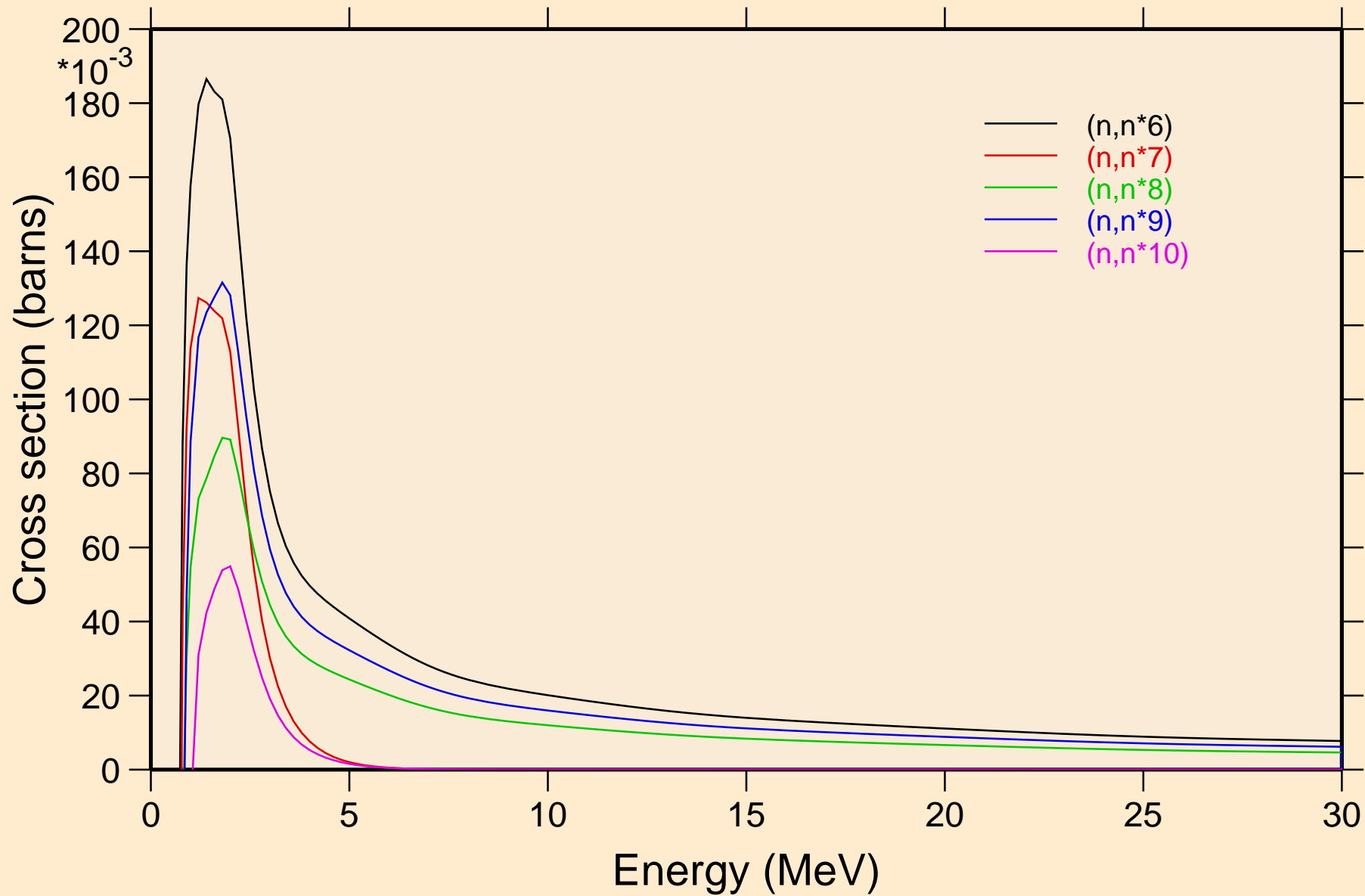
# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

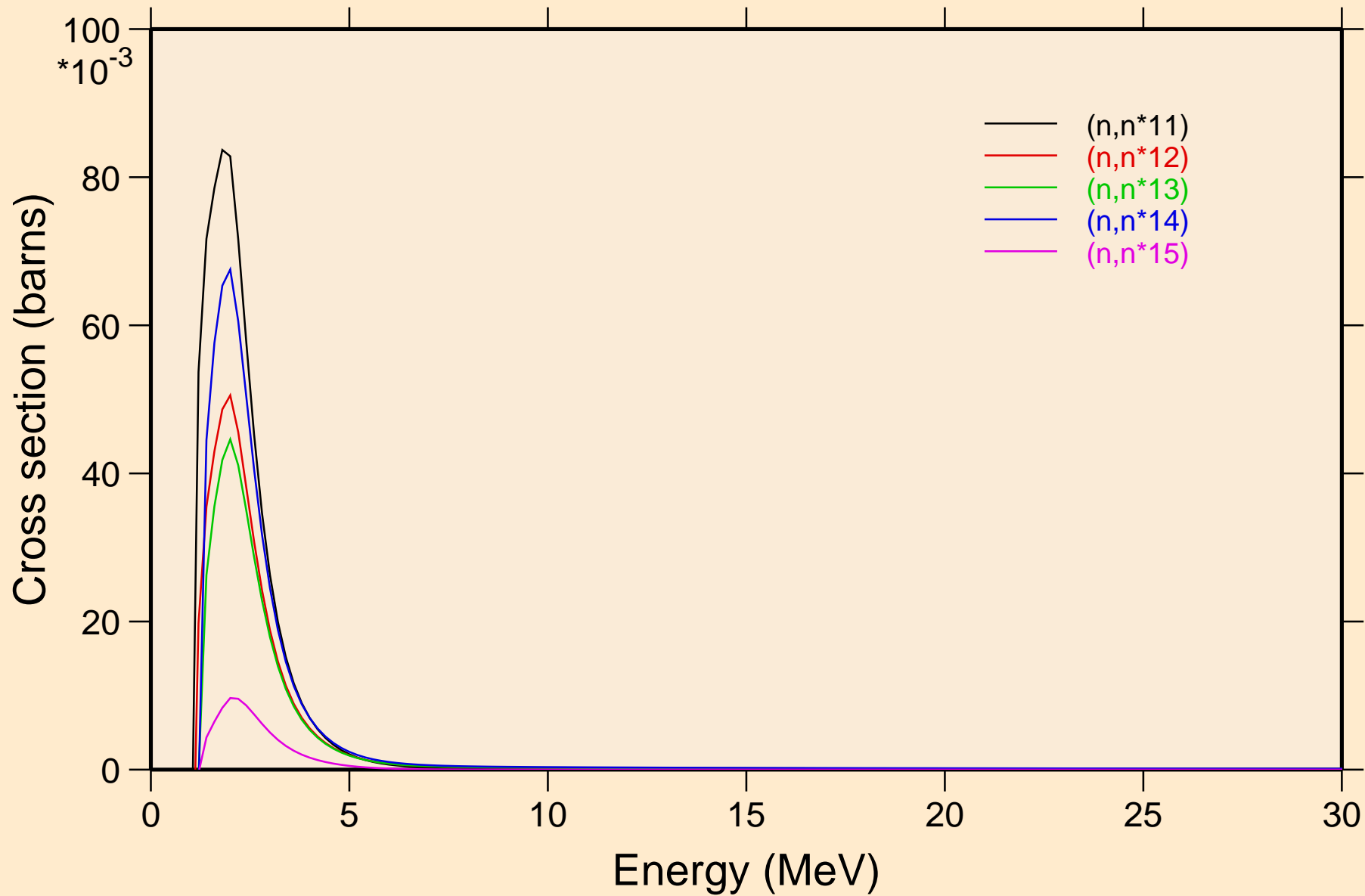


# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

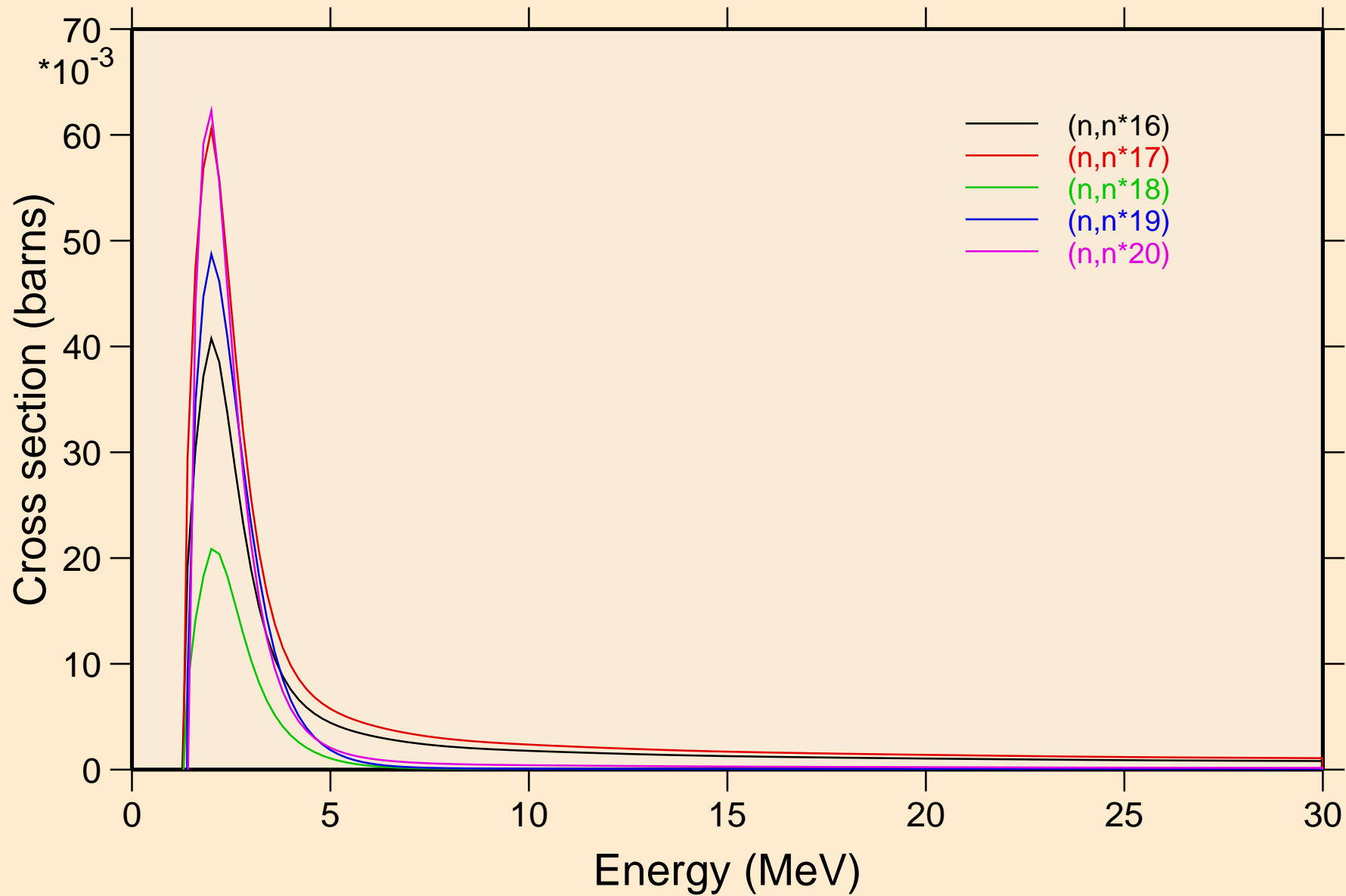


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

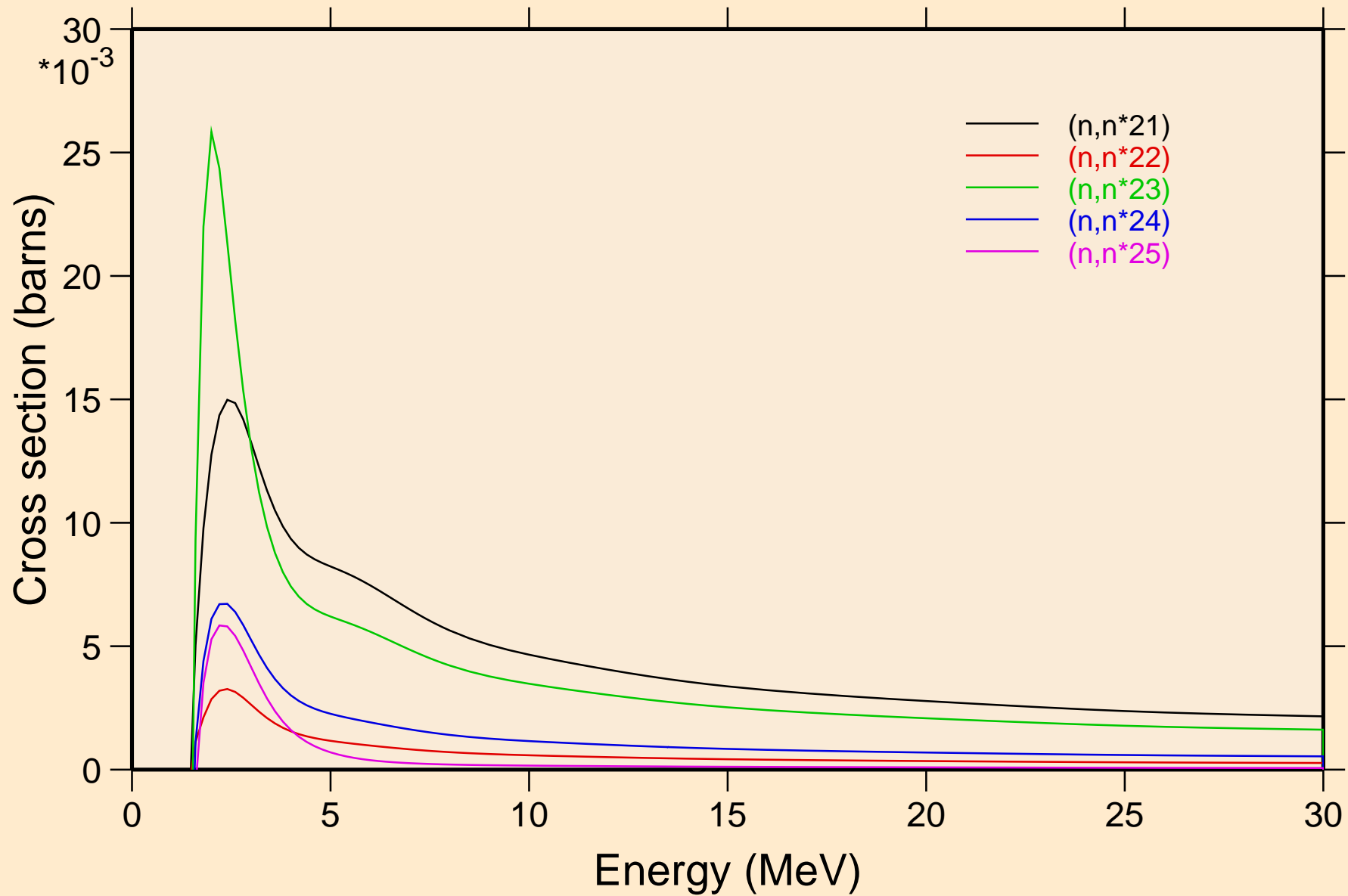


# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

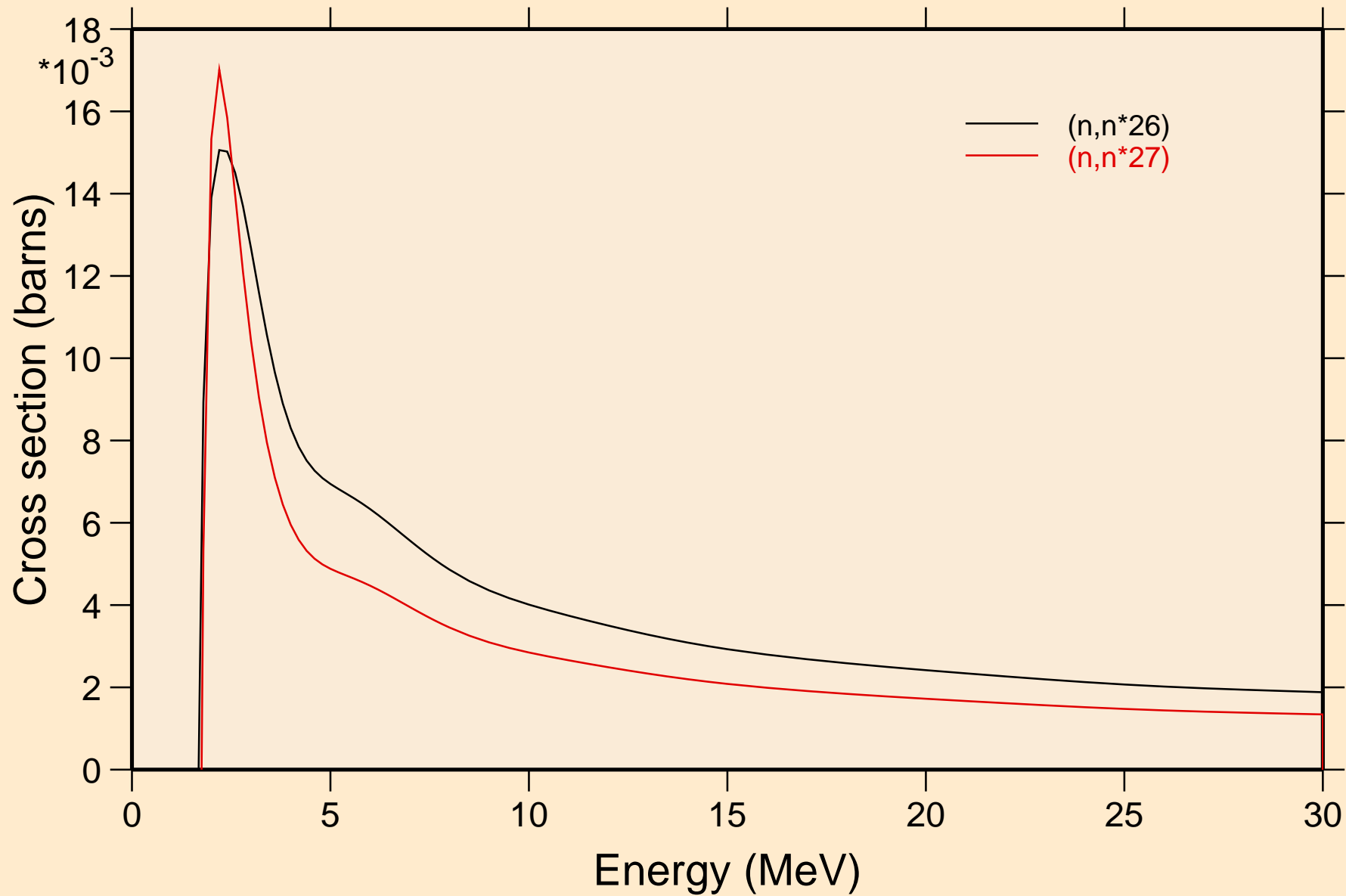


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



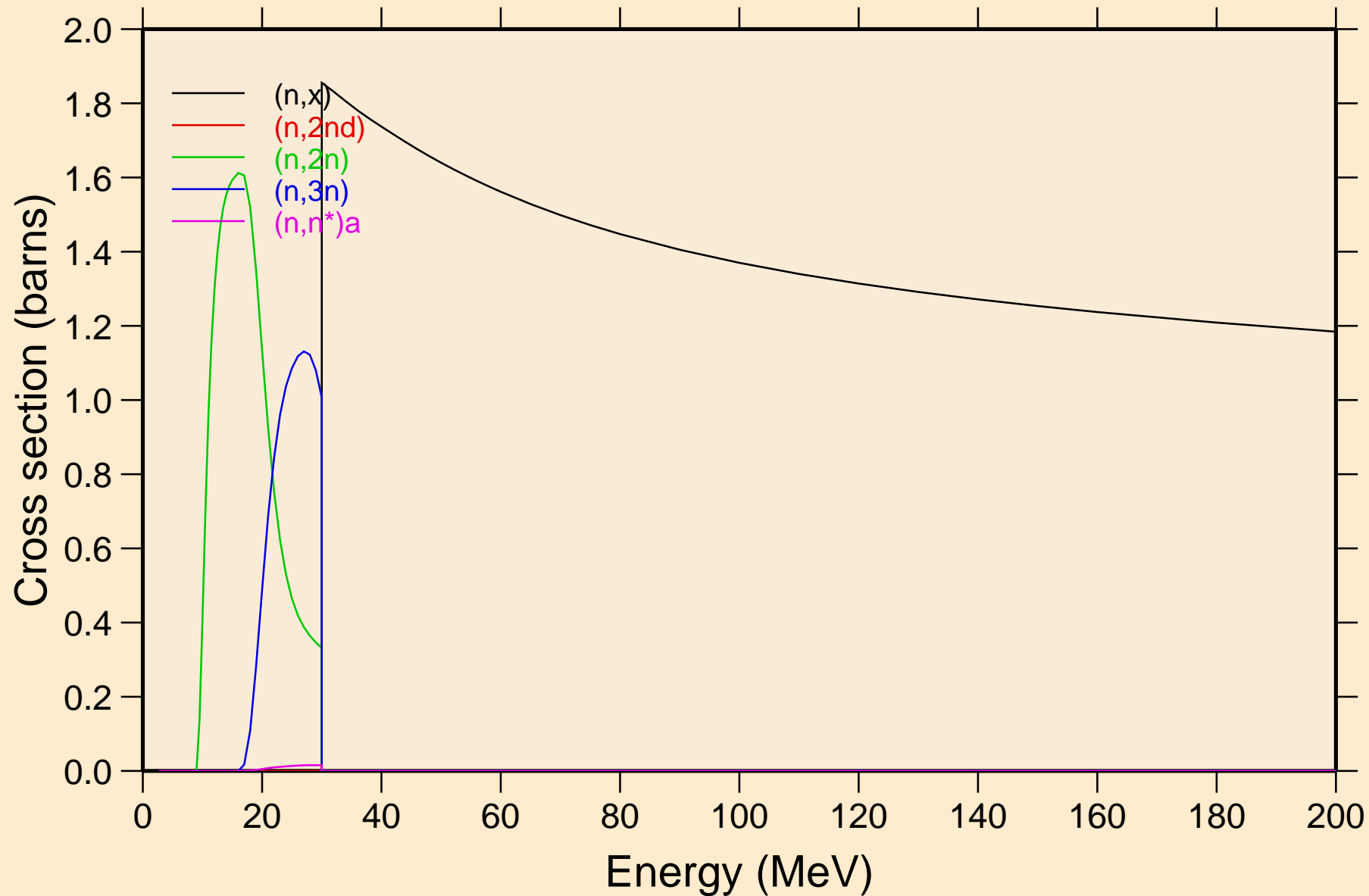
# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels



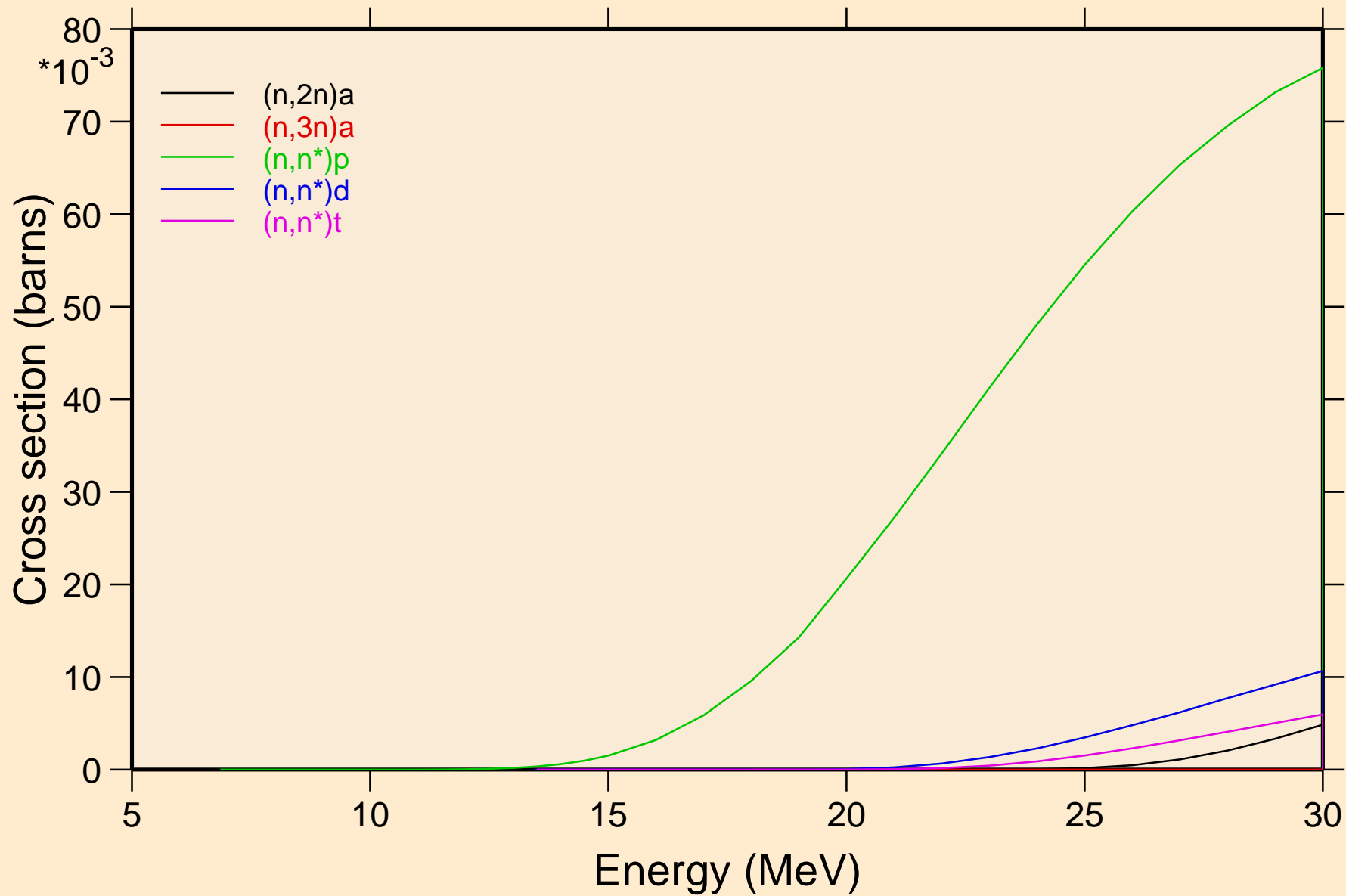
# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

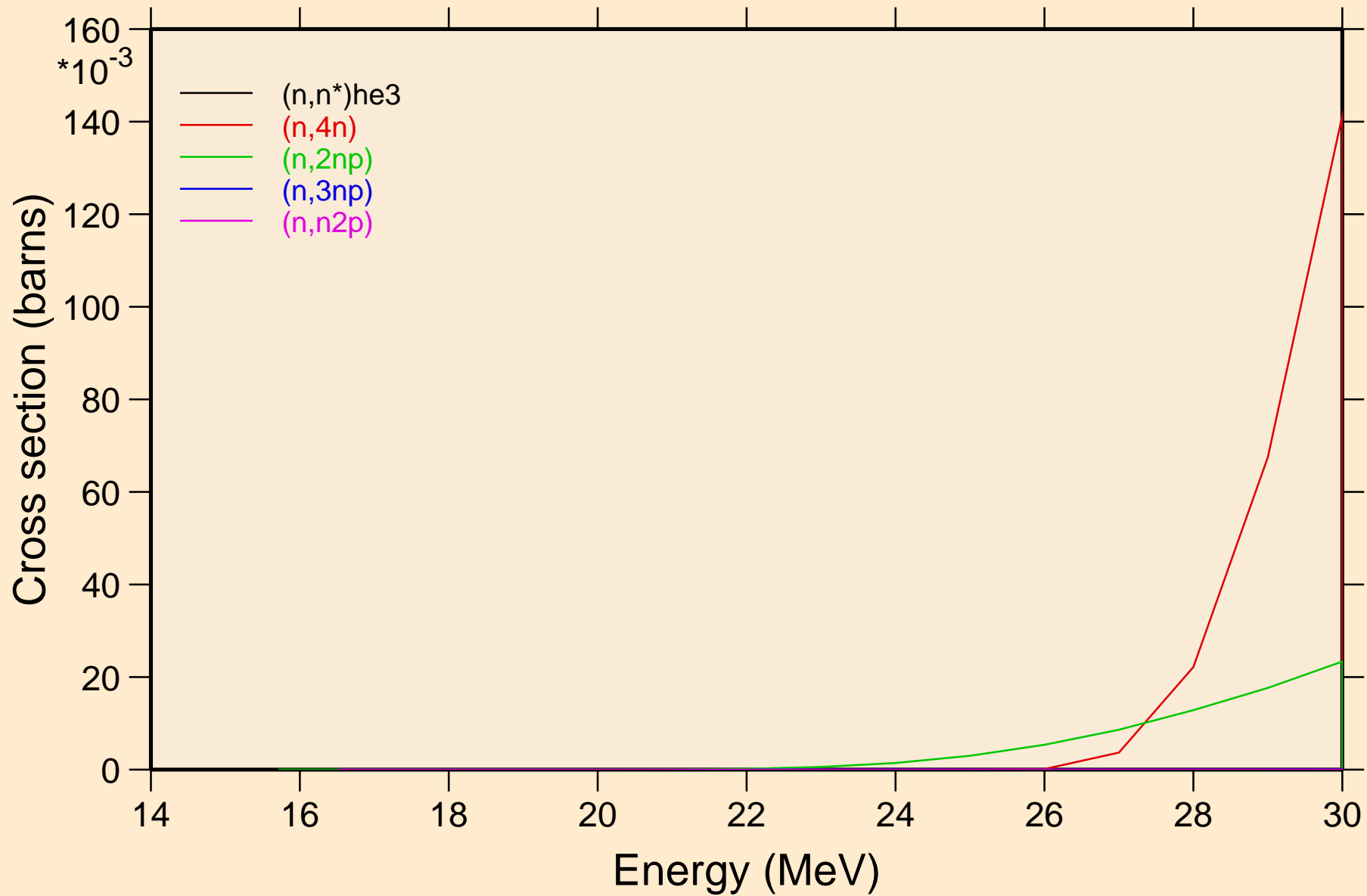
## Threshold reactions





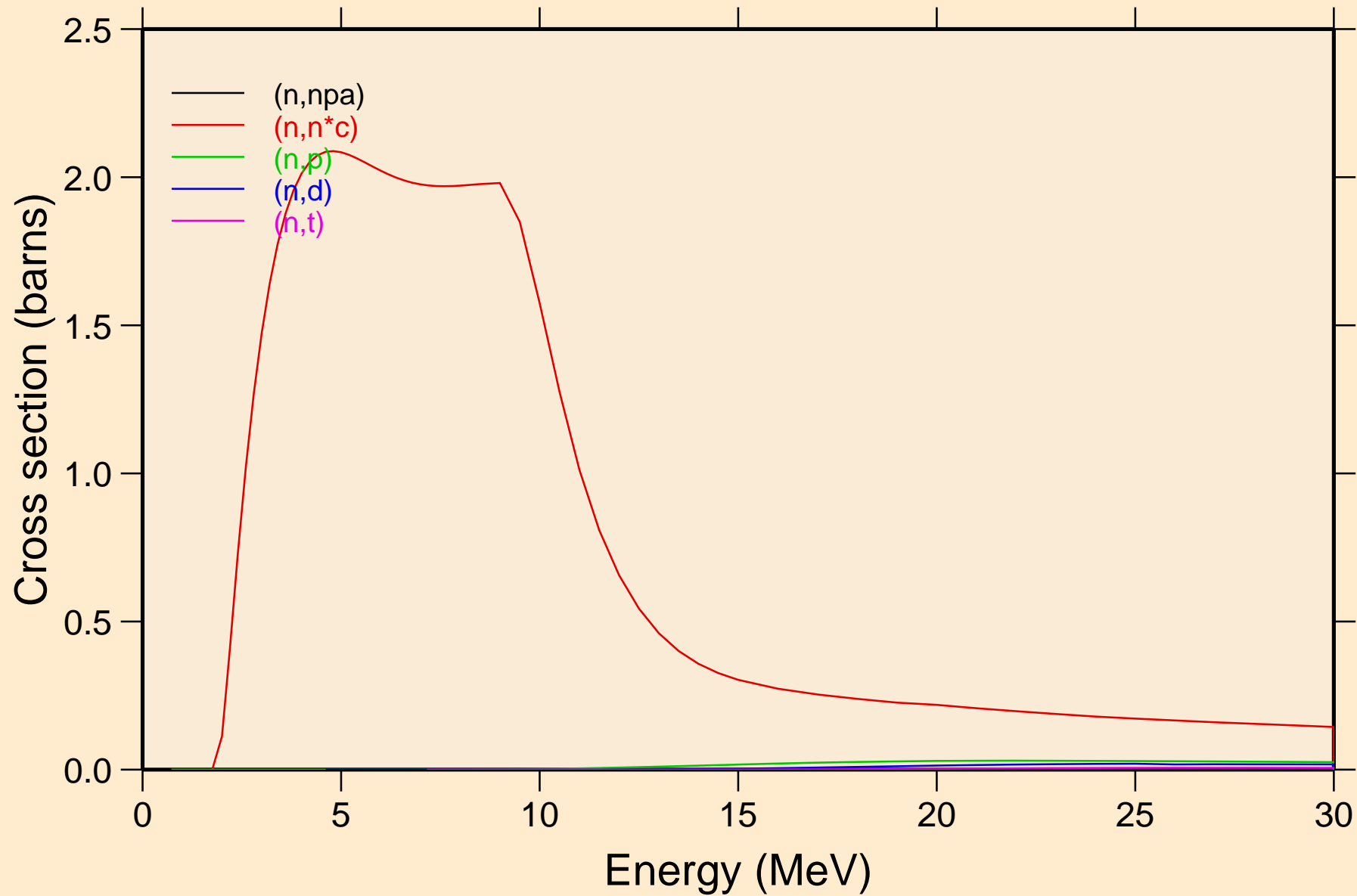
# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



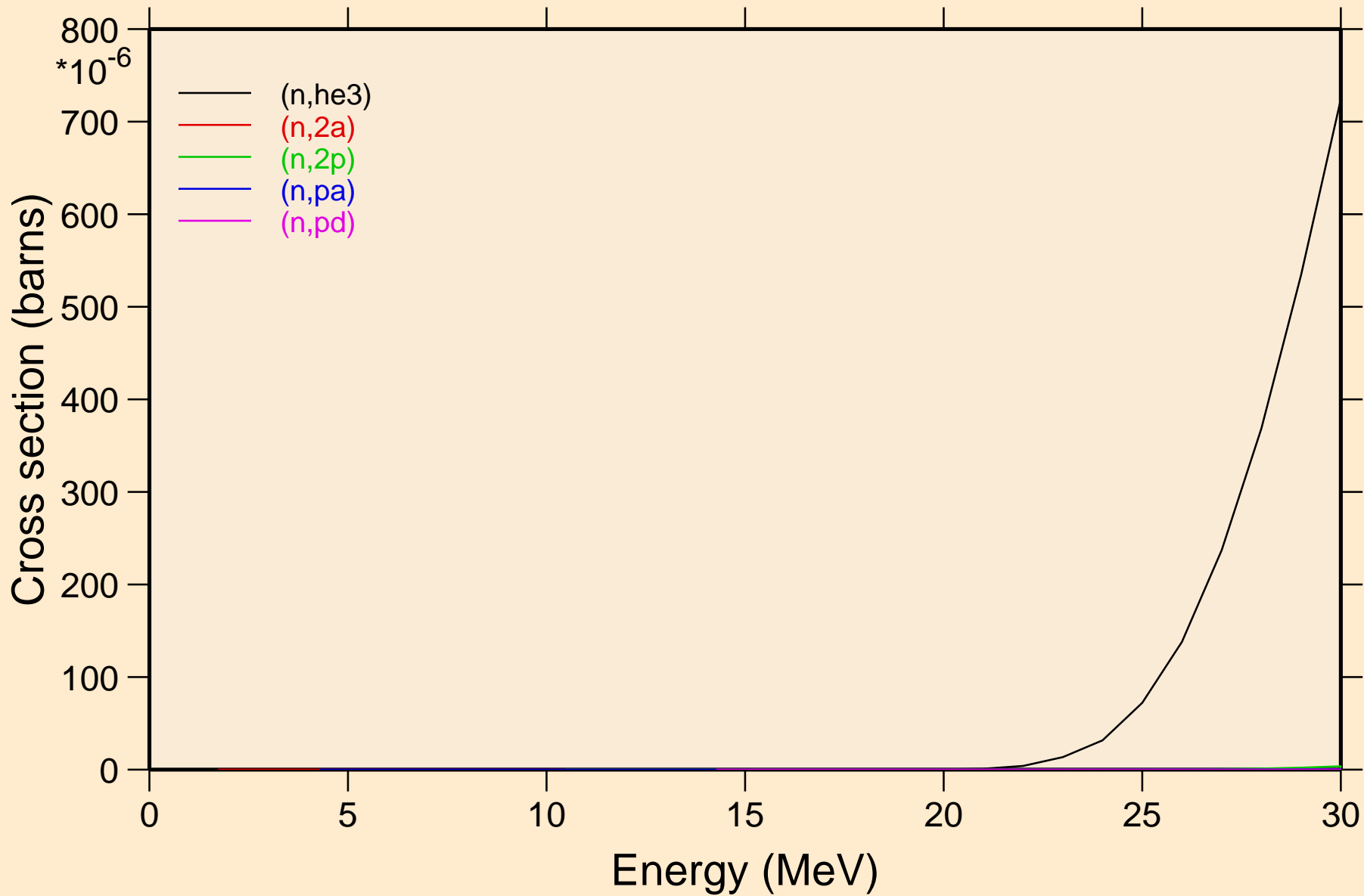
# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

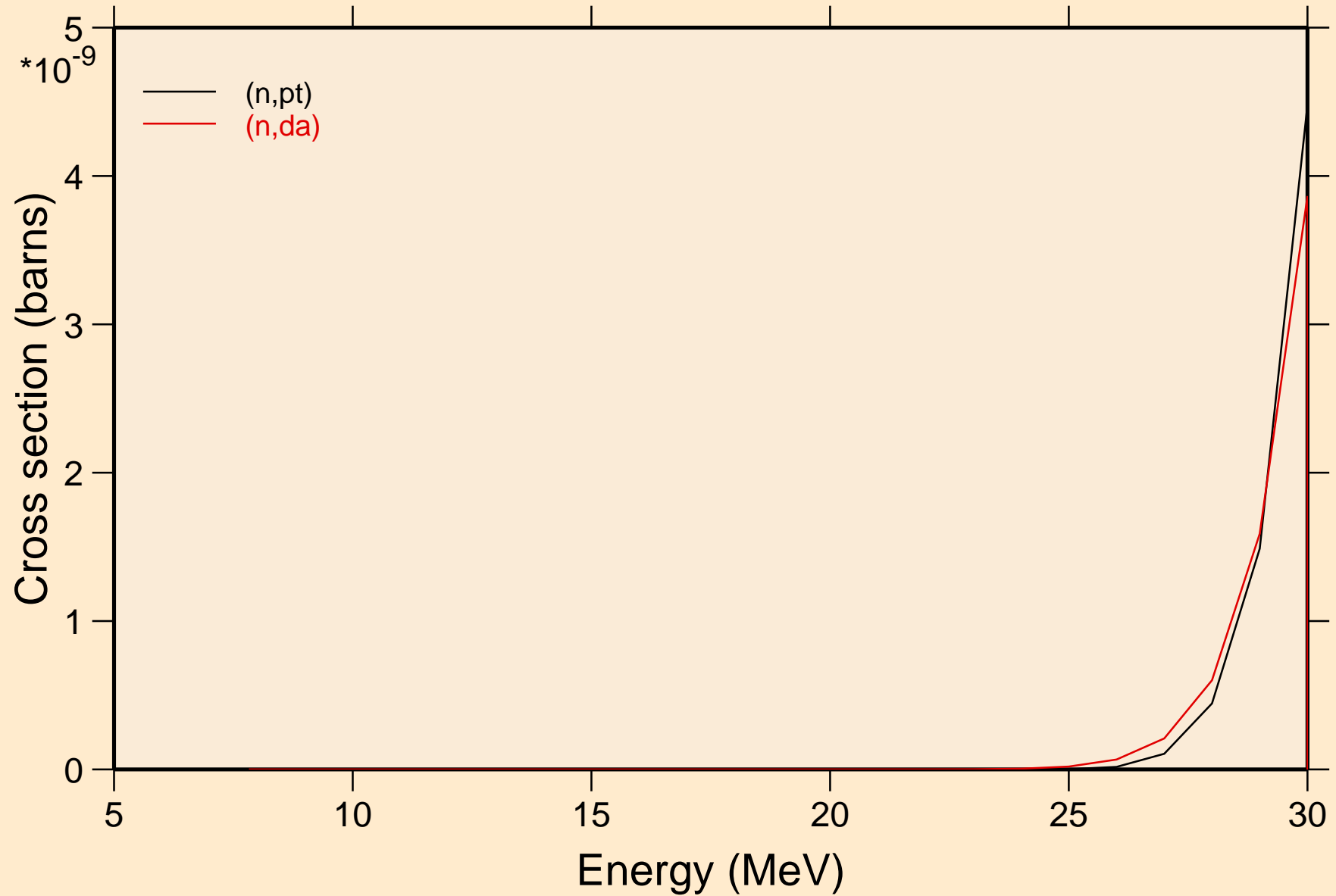


# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

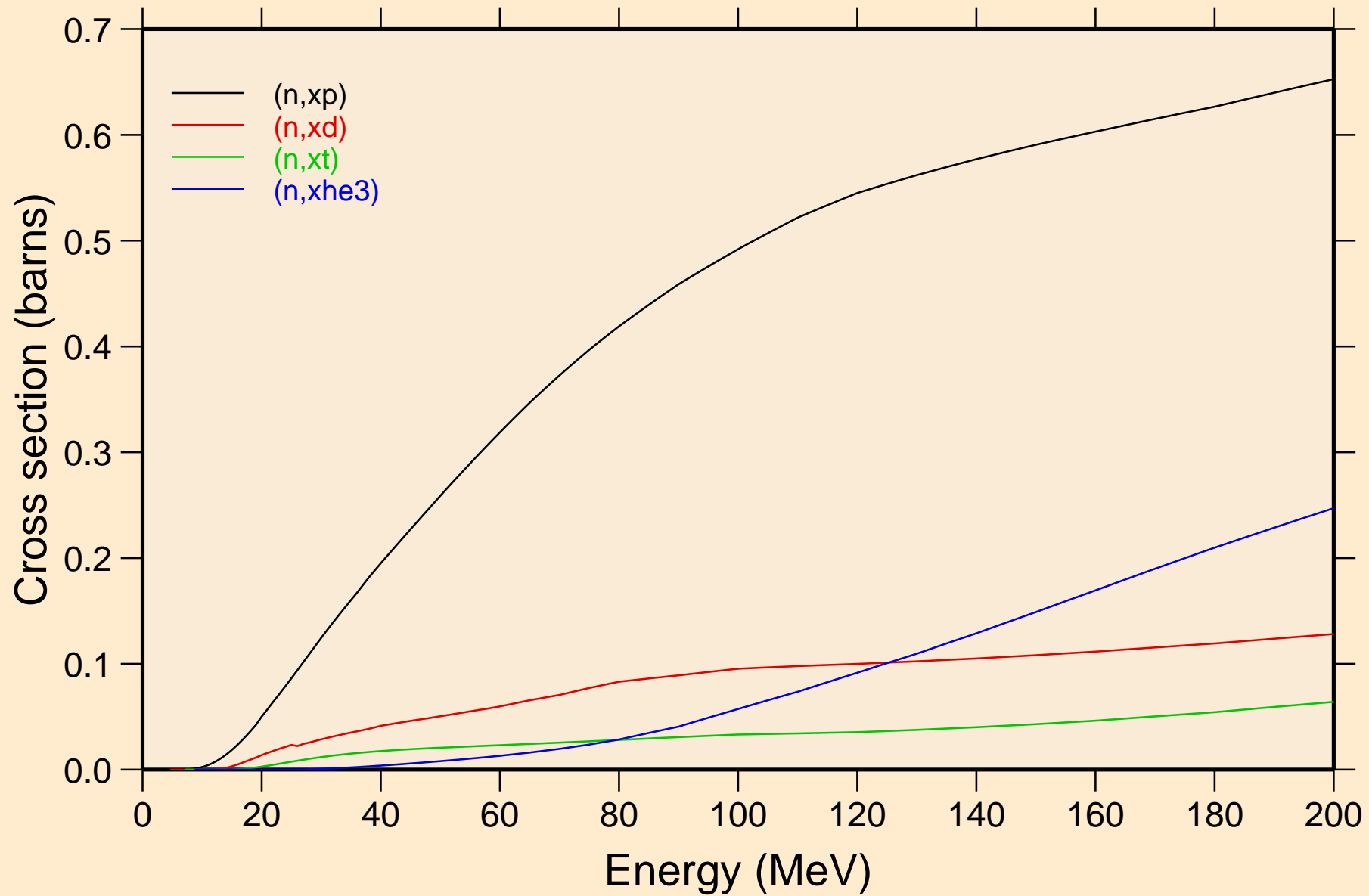


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

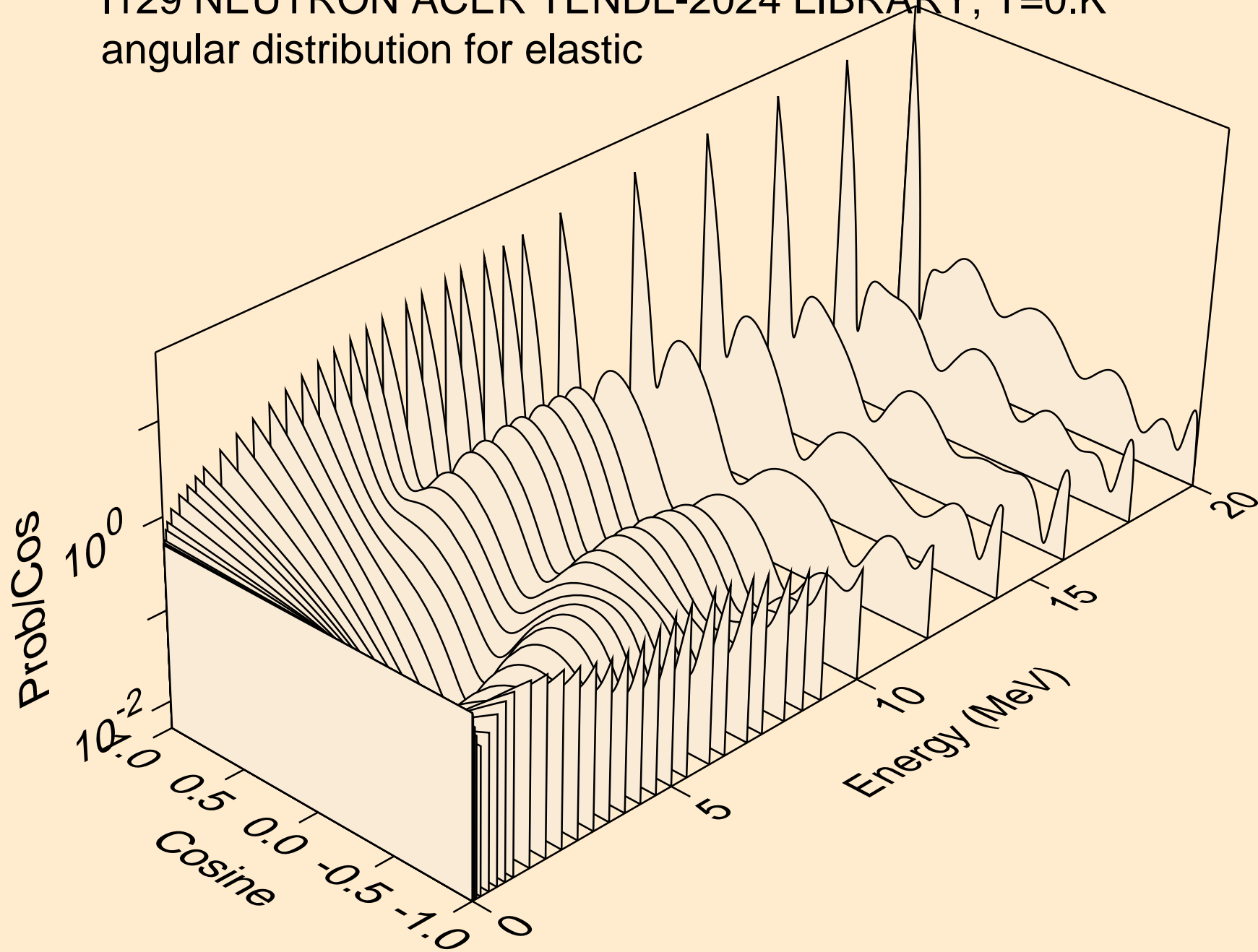


# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

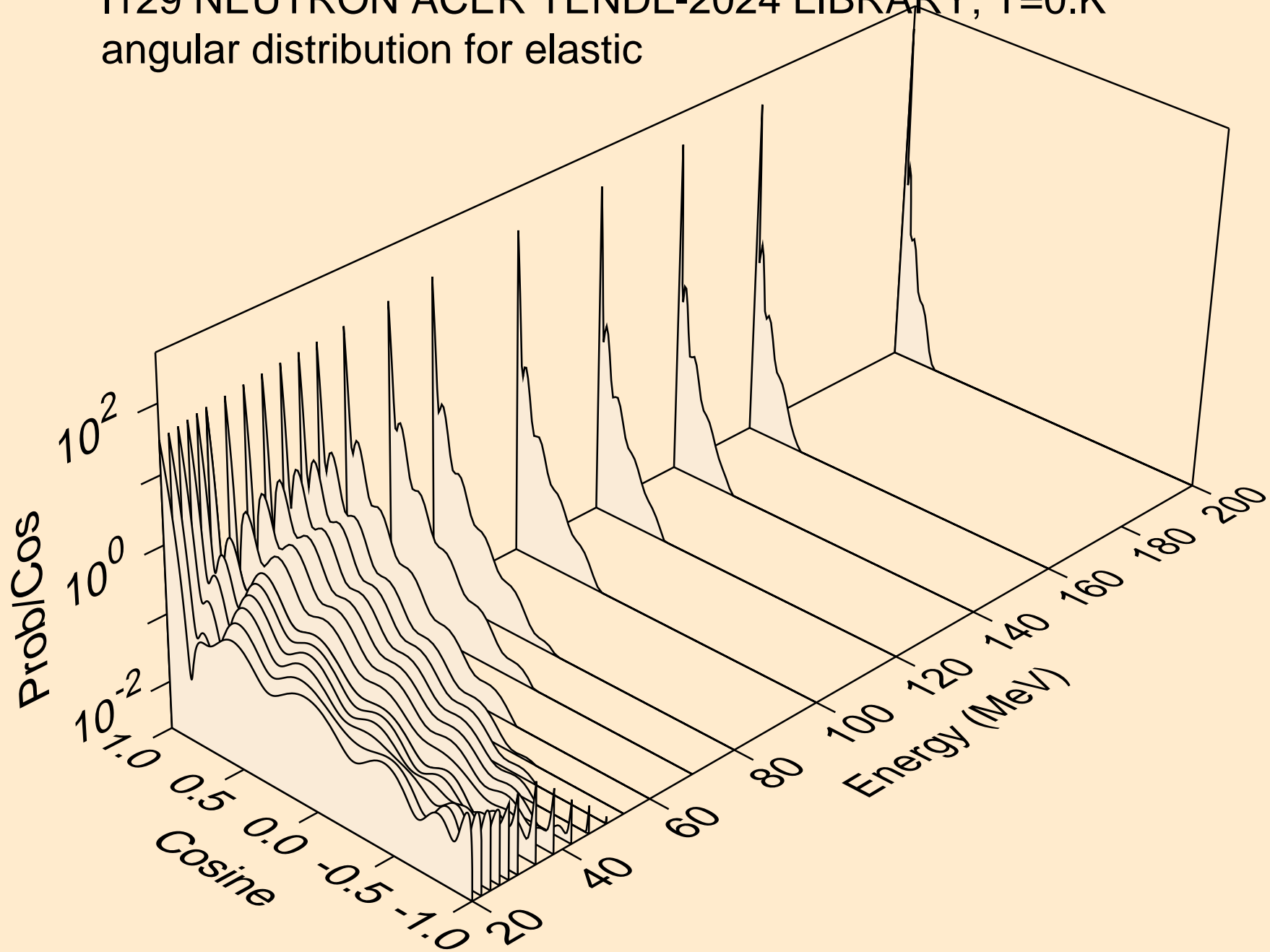
## Threshold reactions



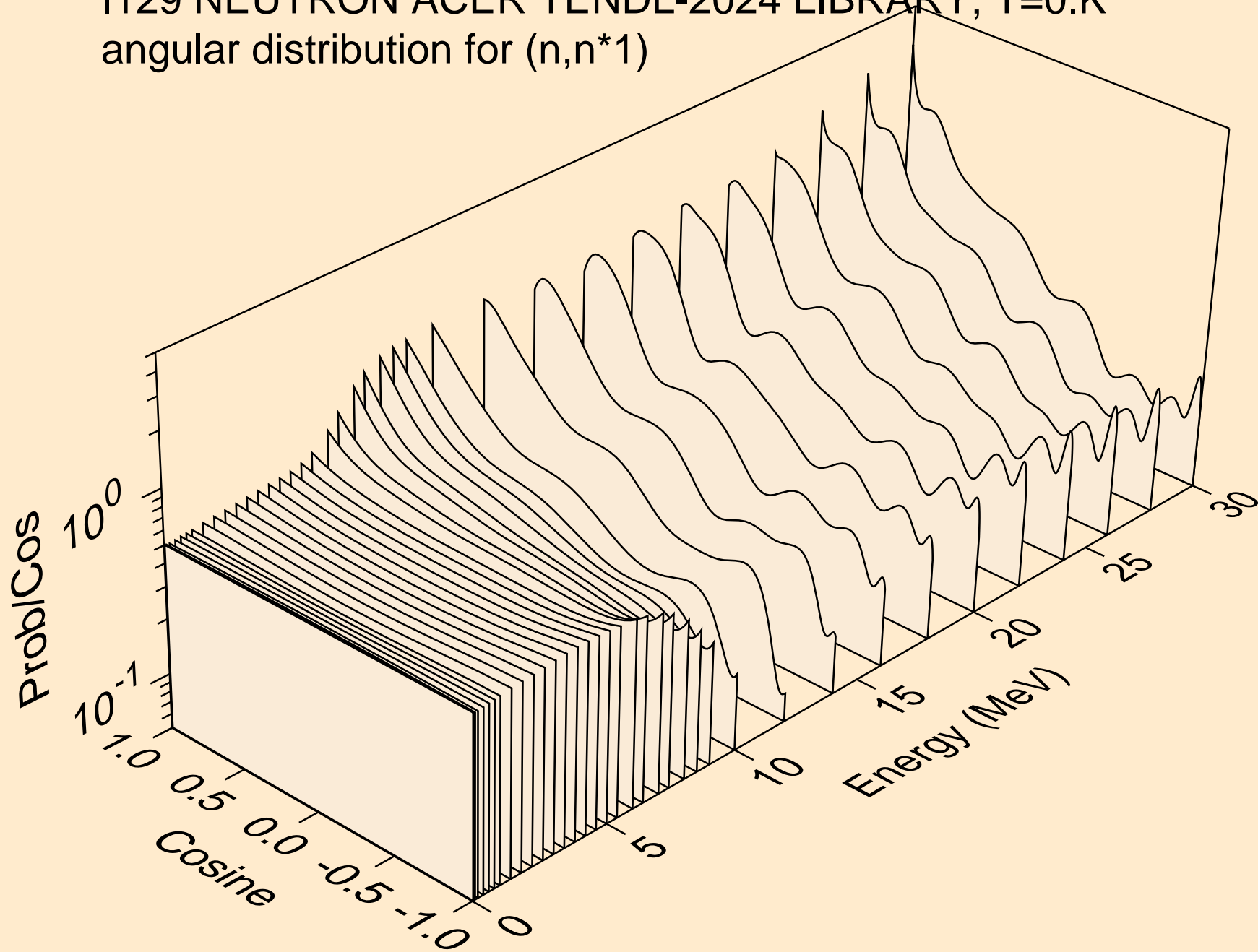
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

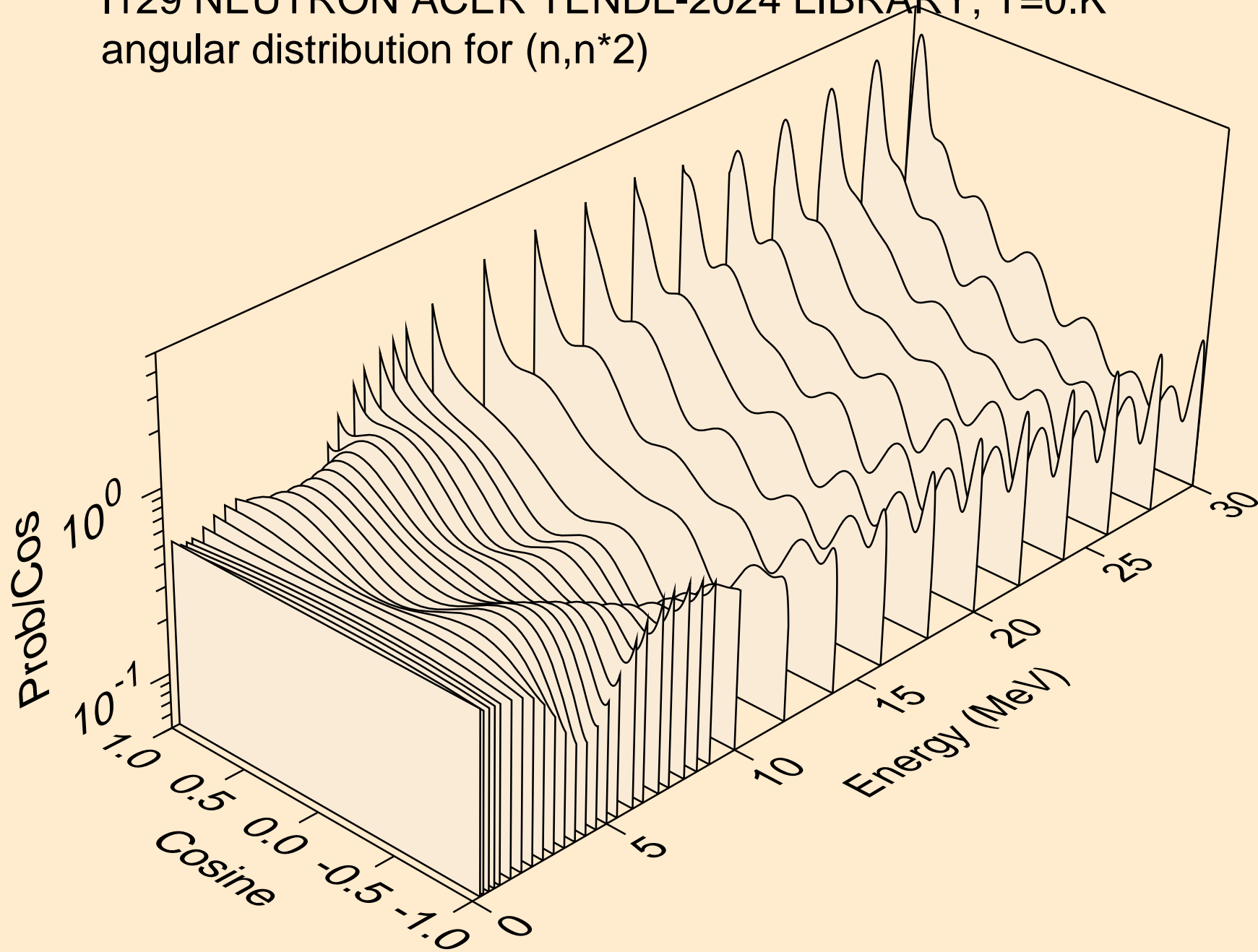


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

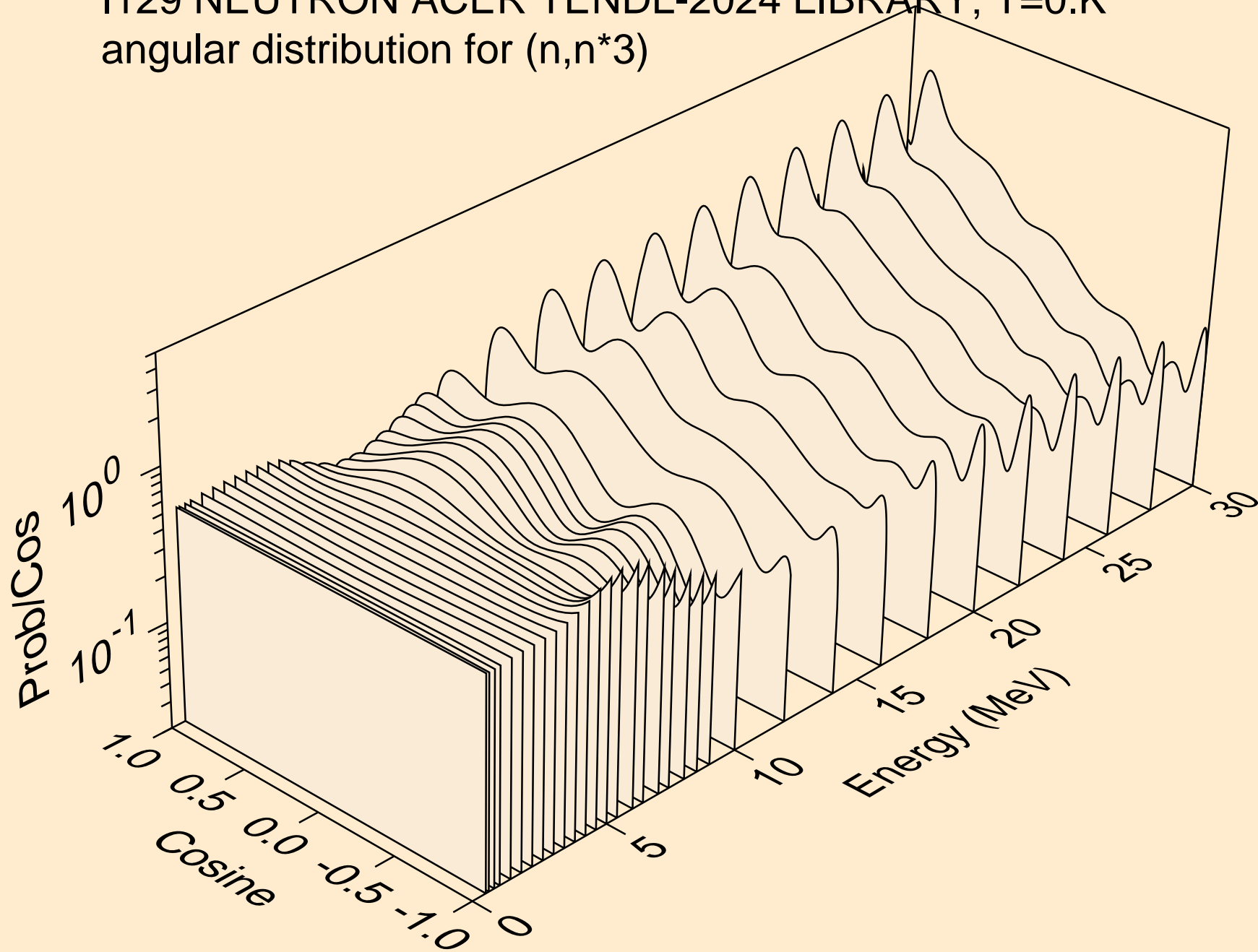




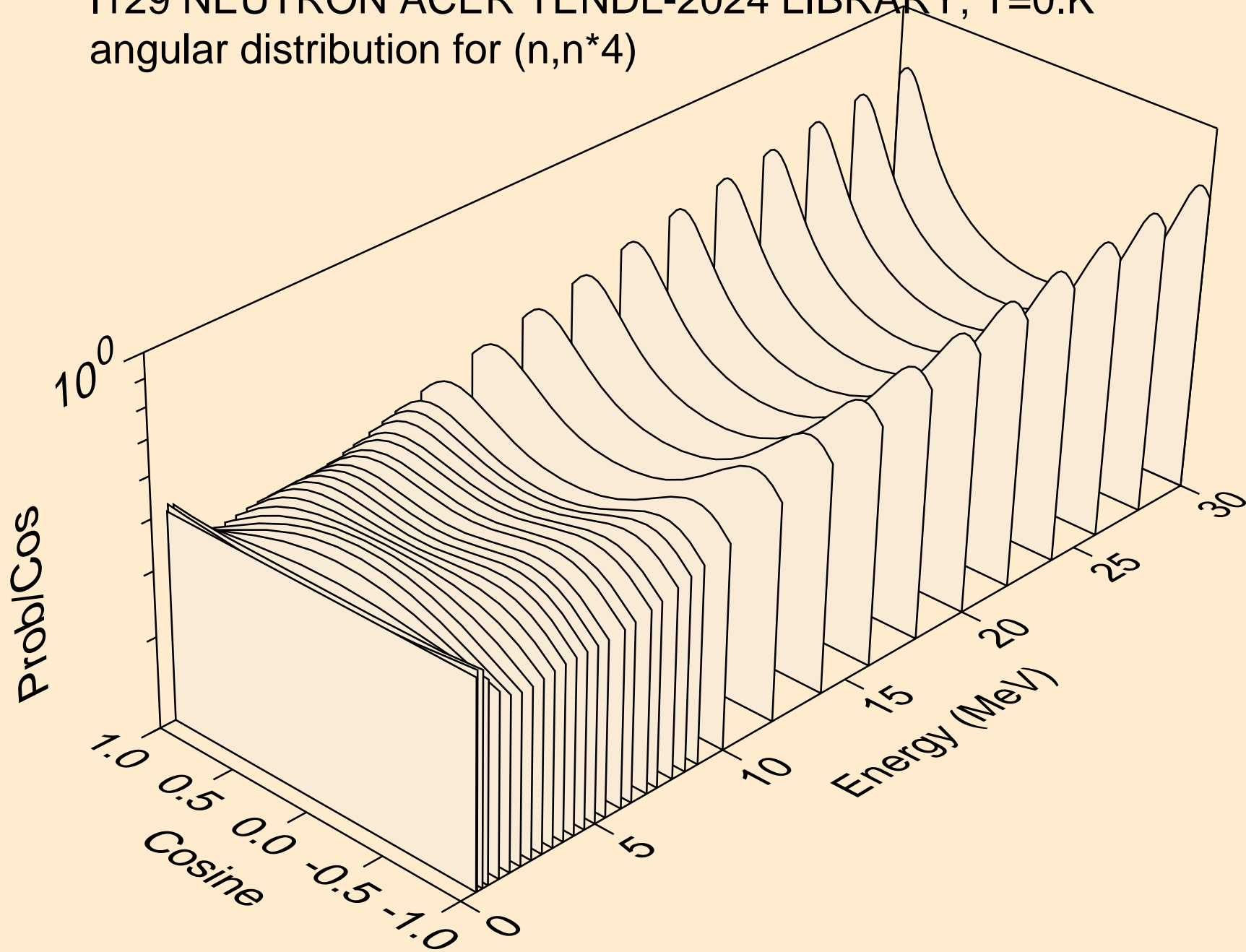
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



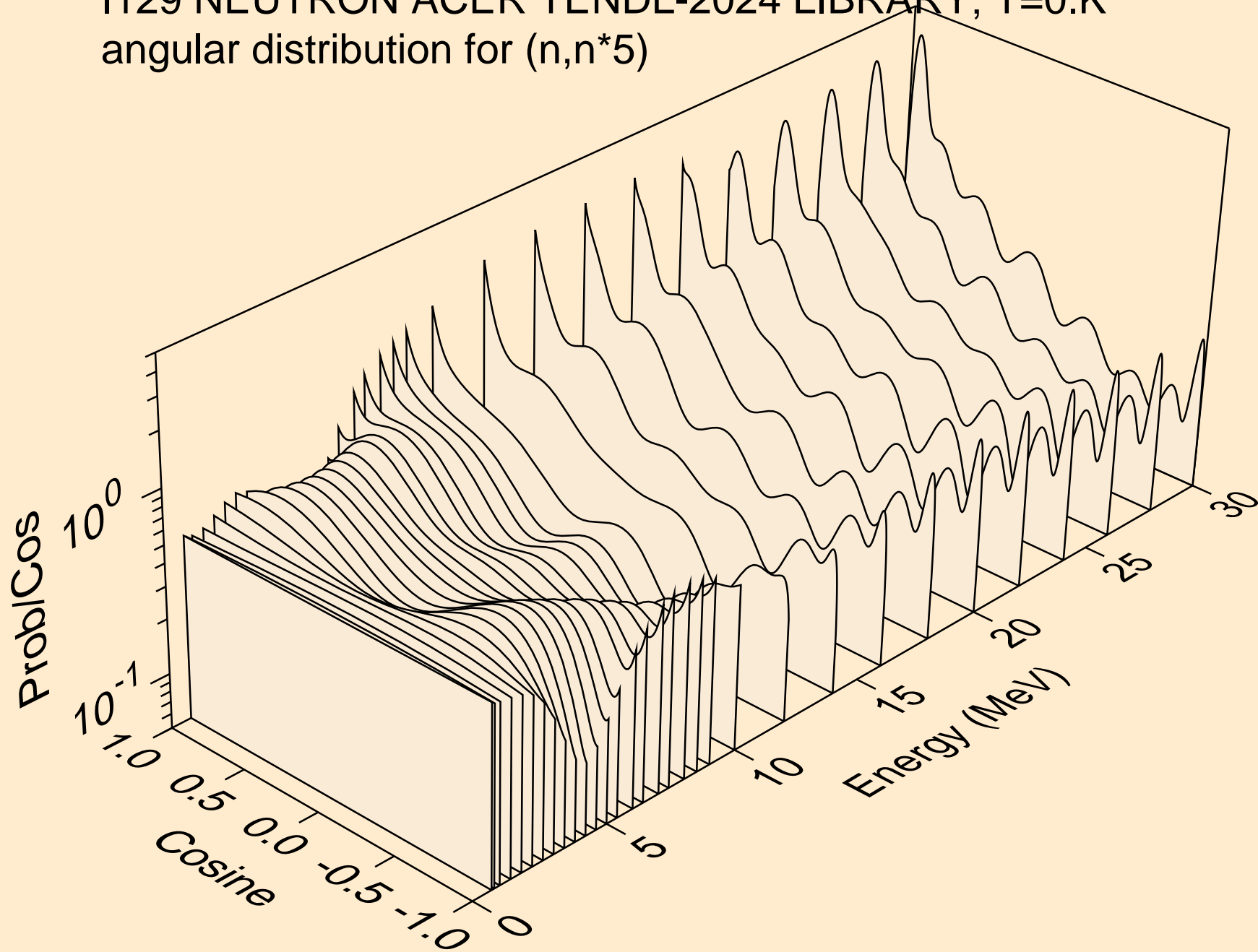
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



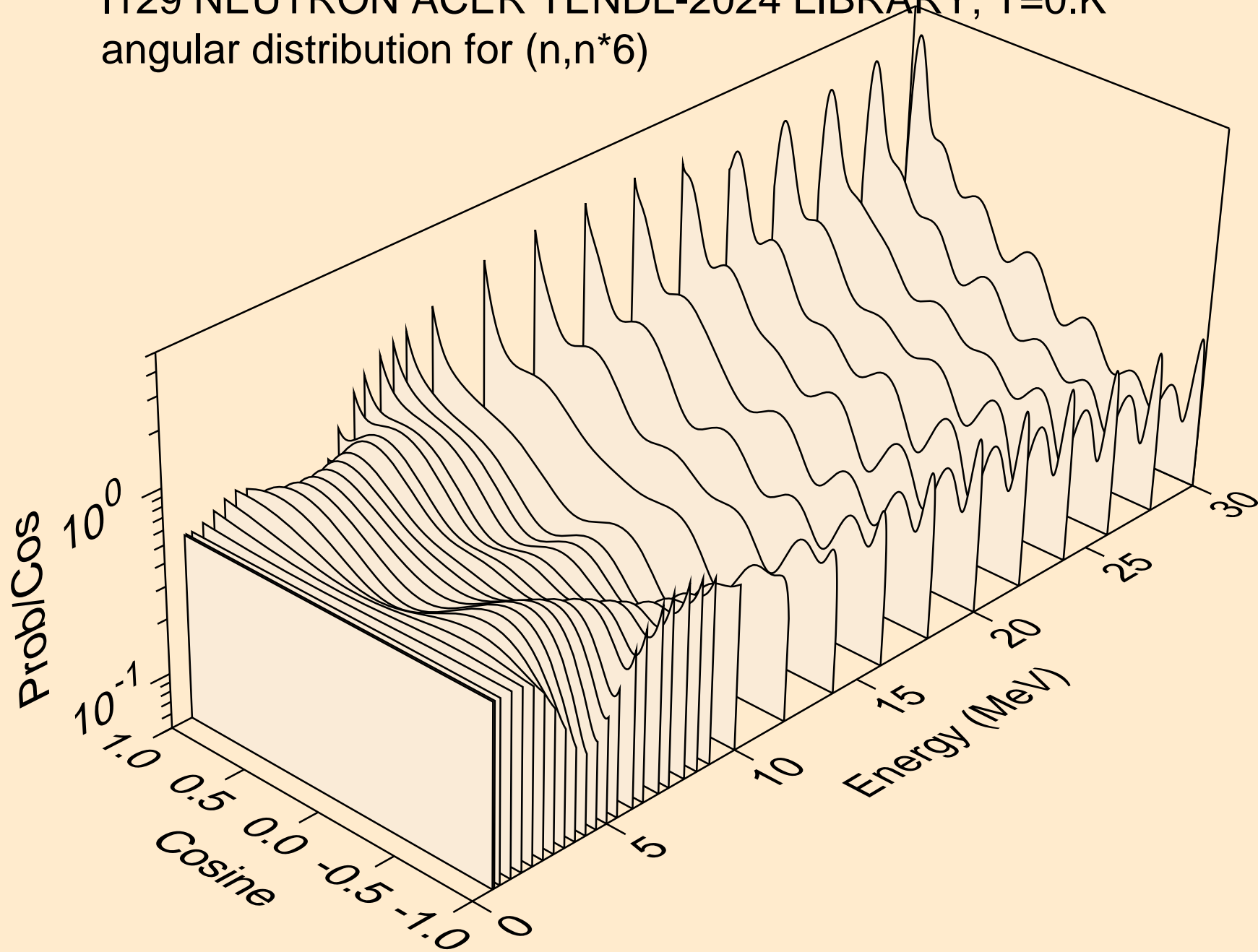
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



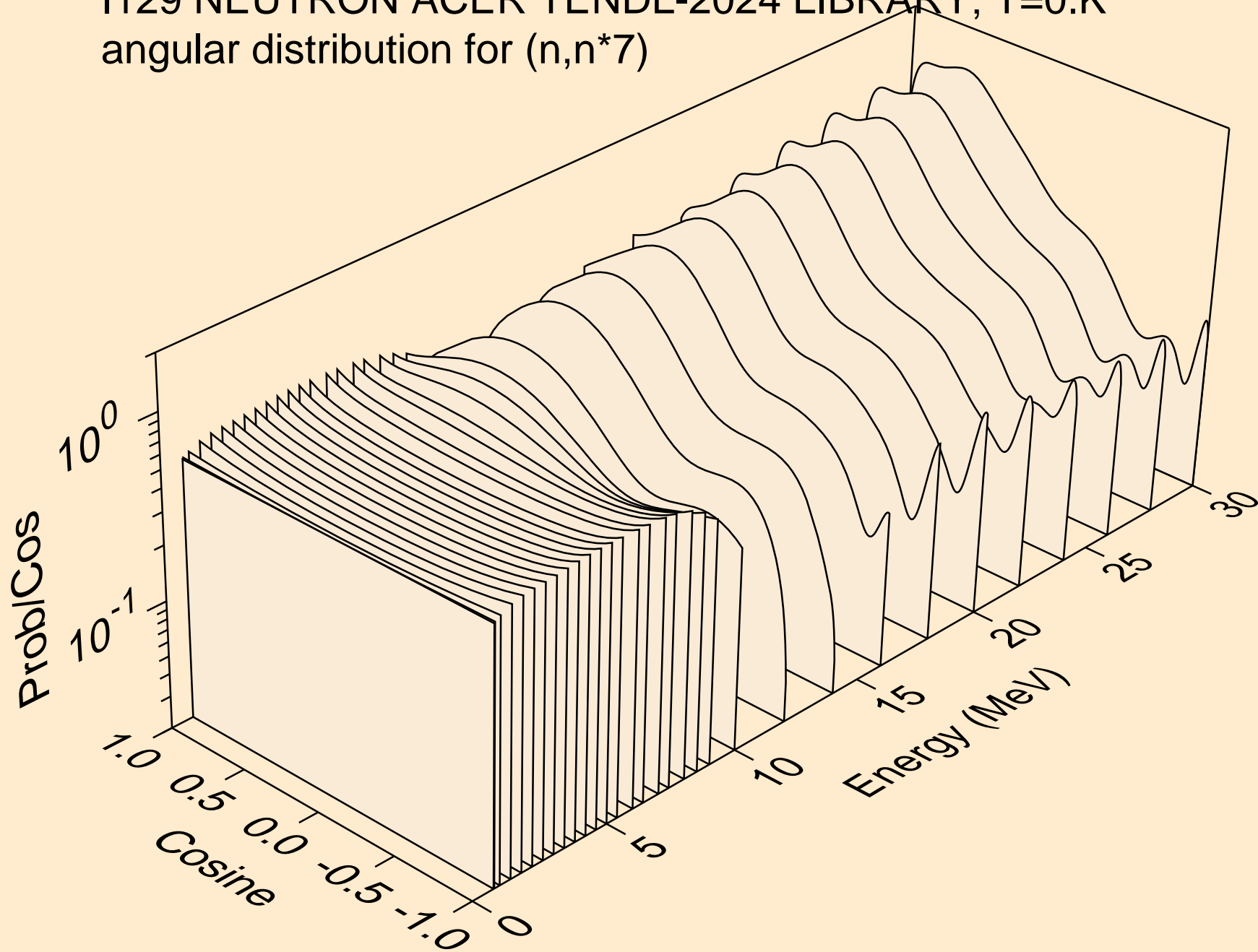
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



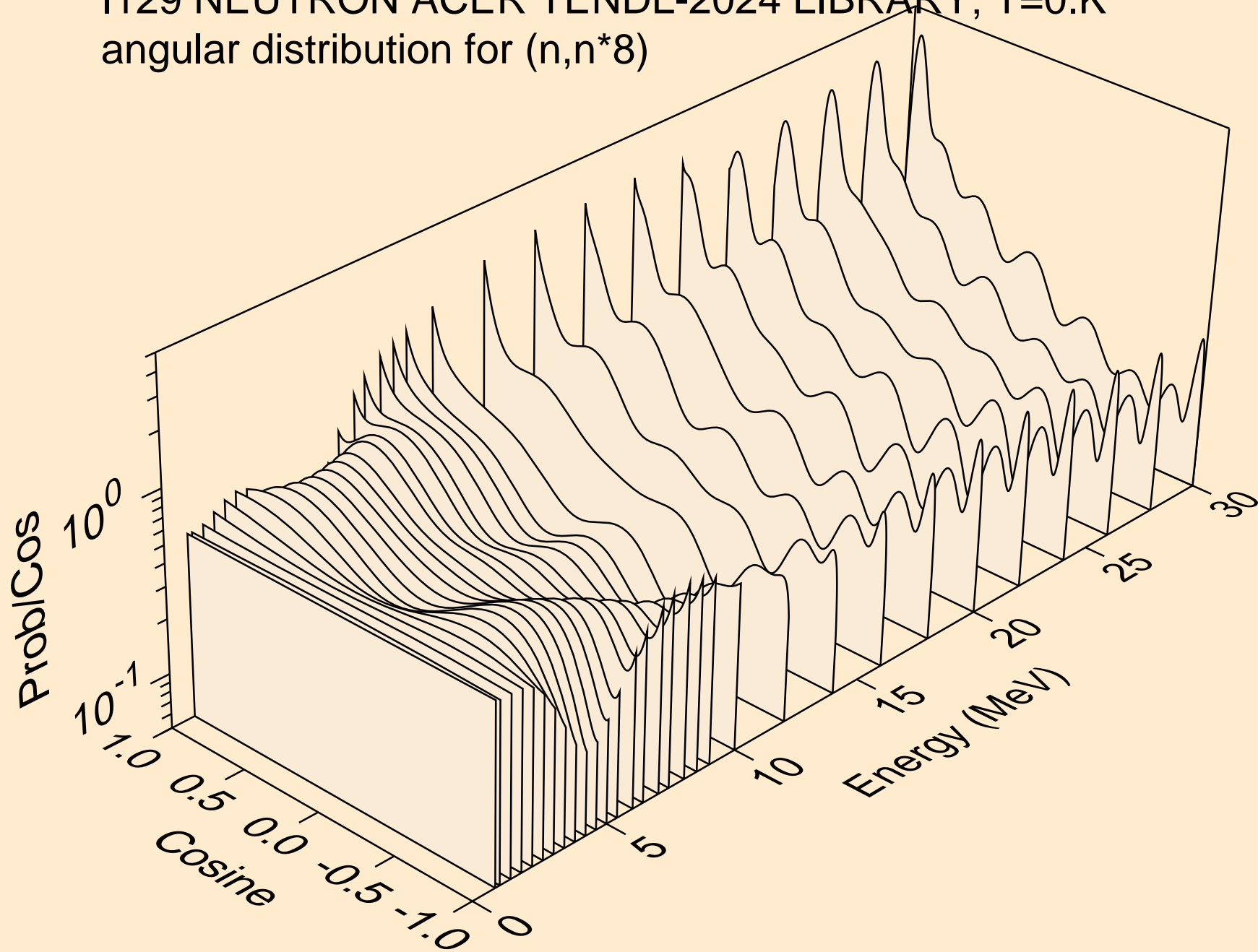
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



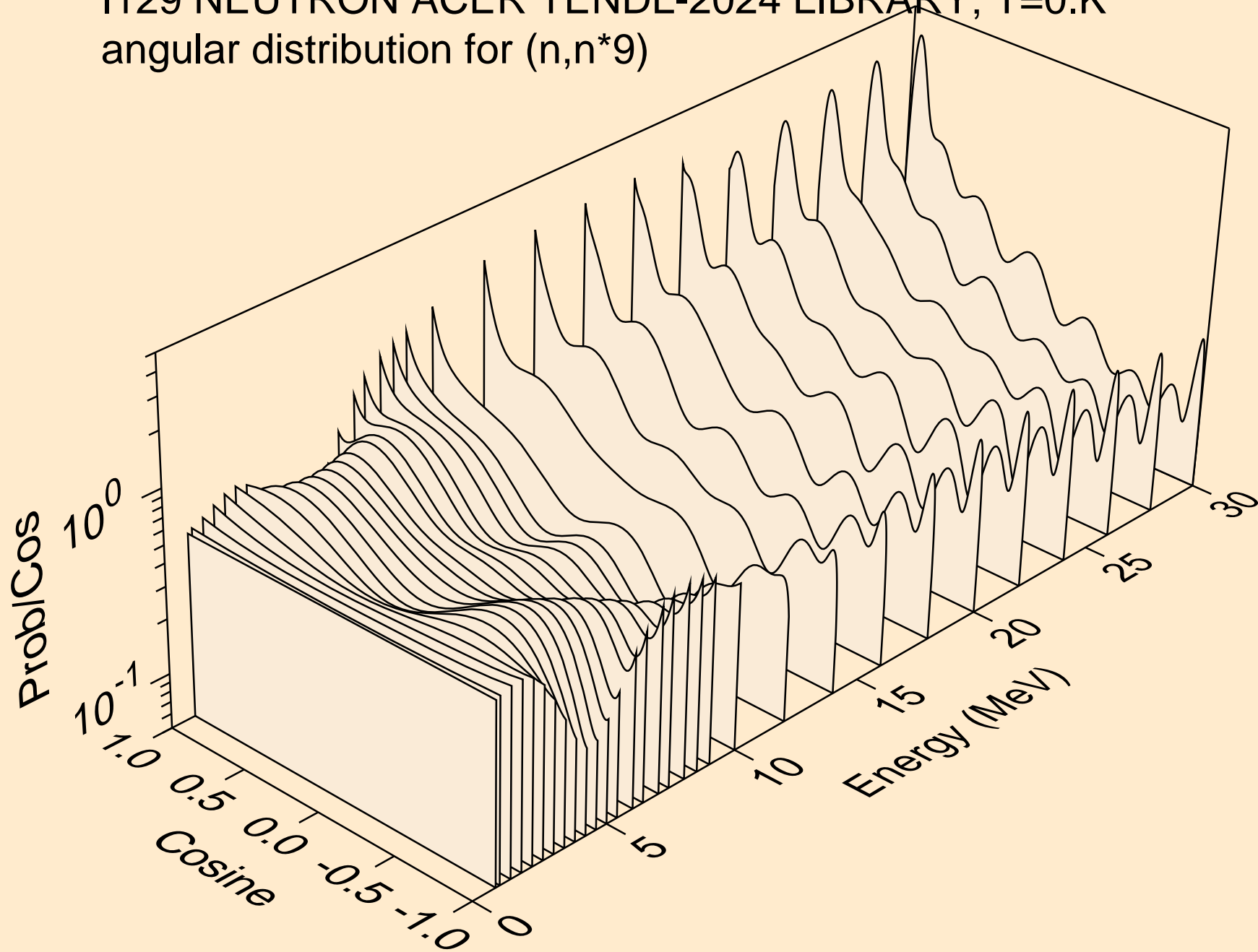
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

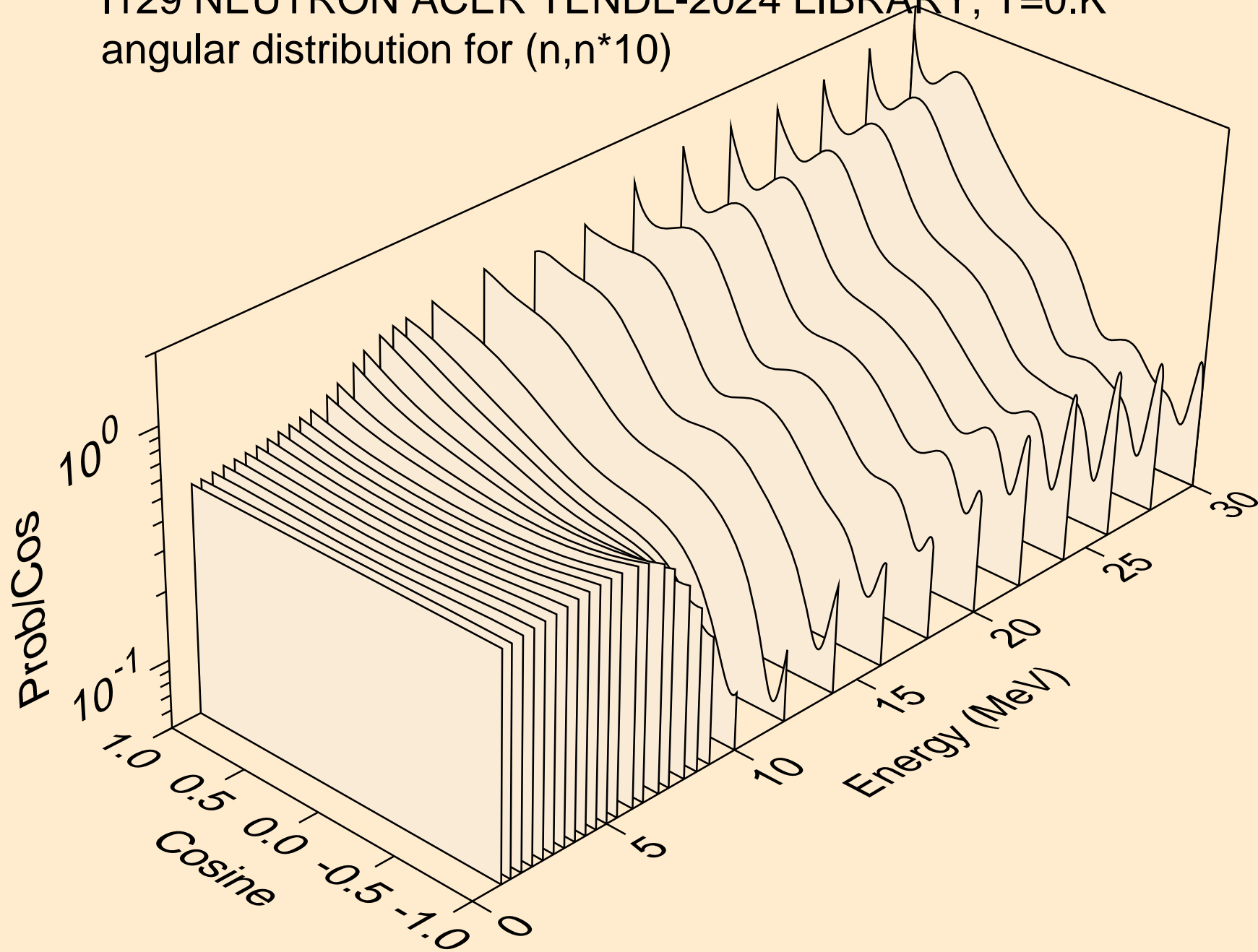


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

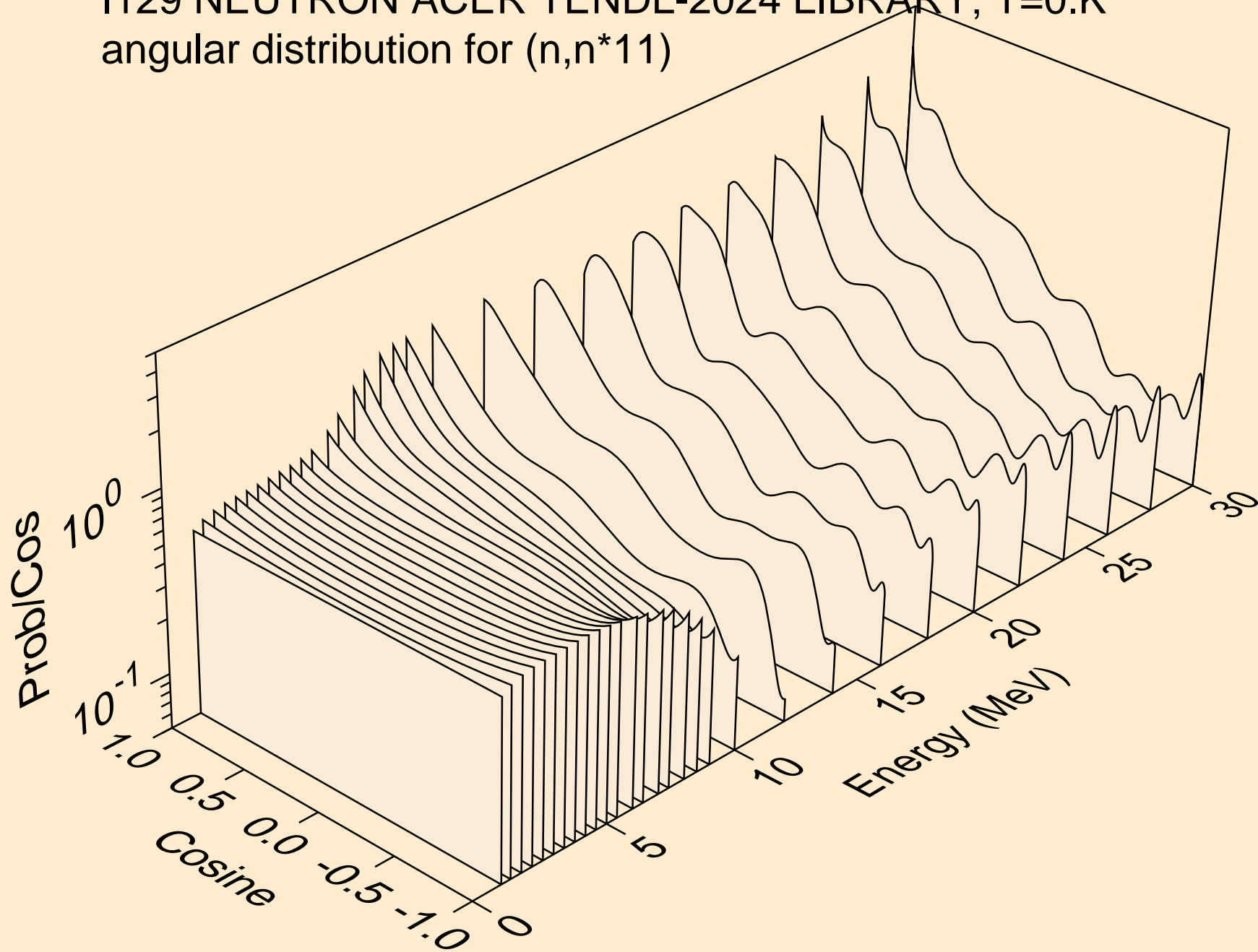




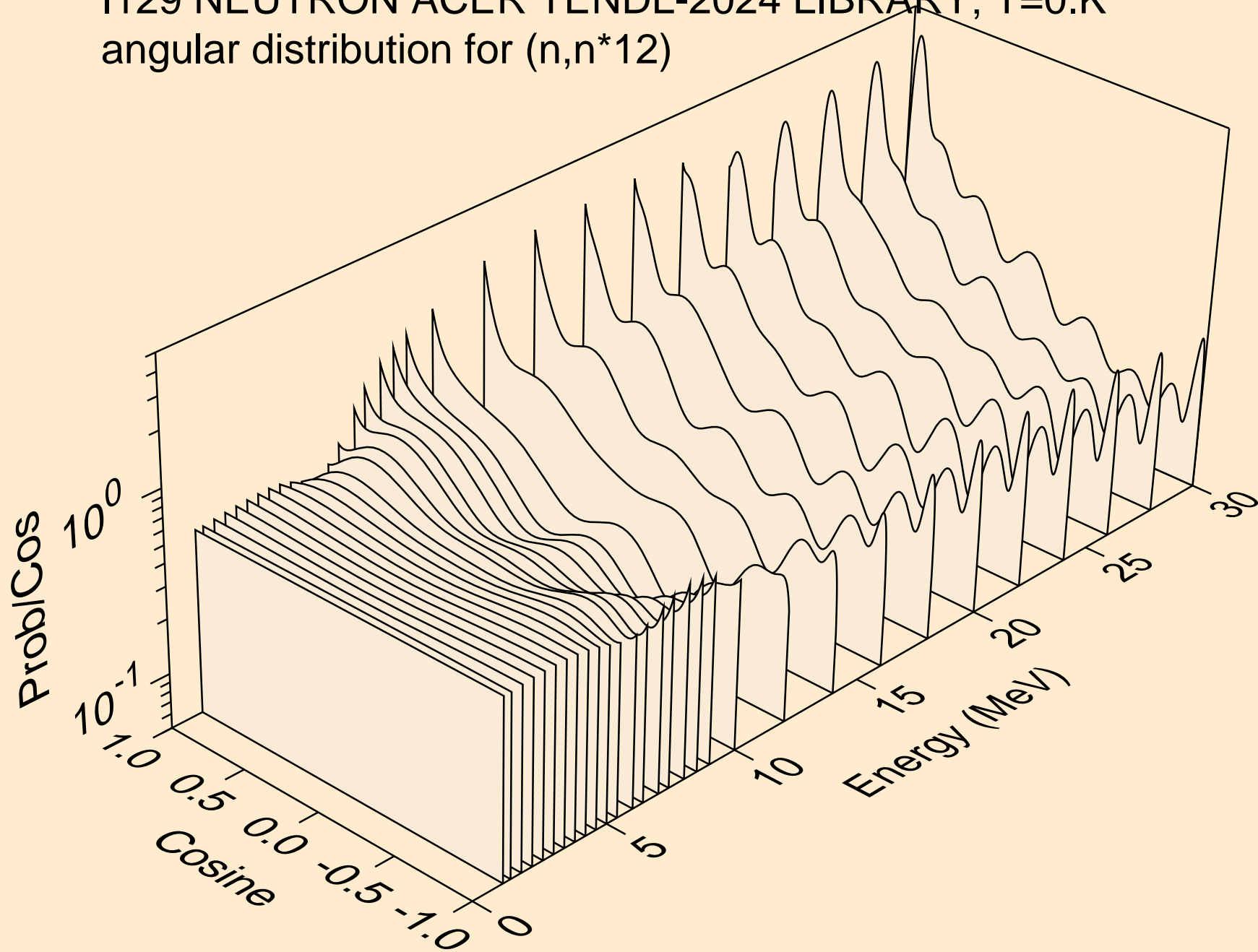
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



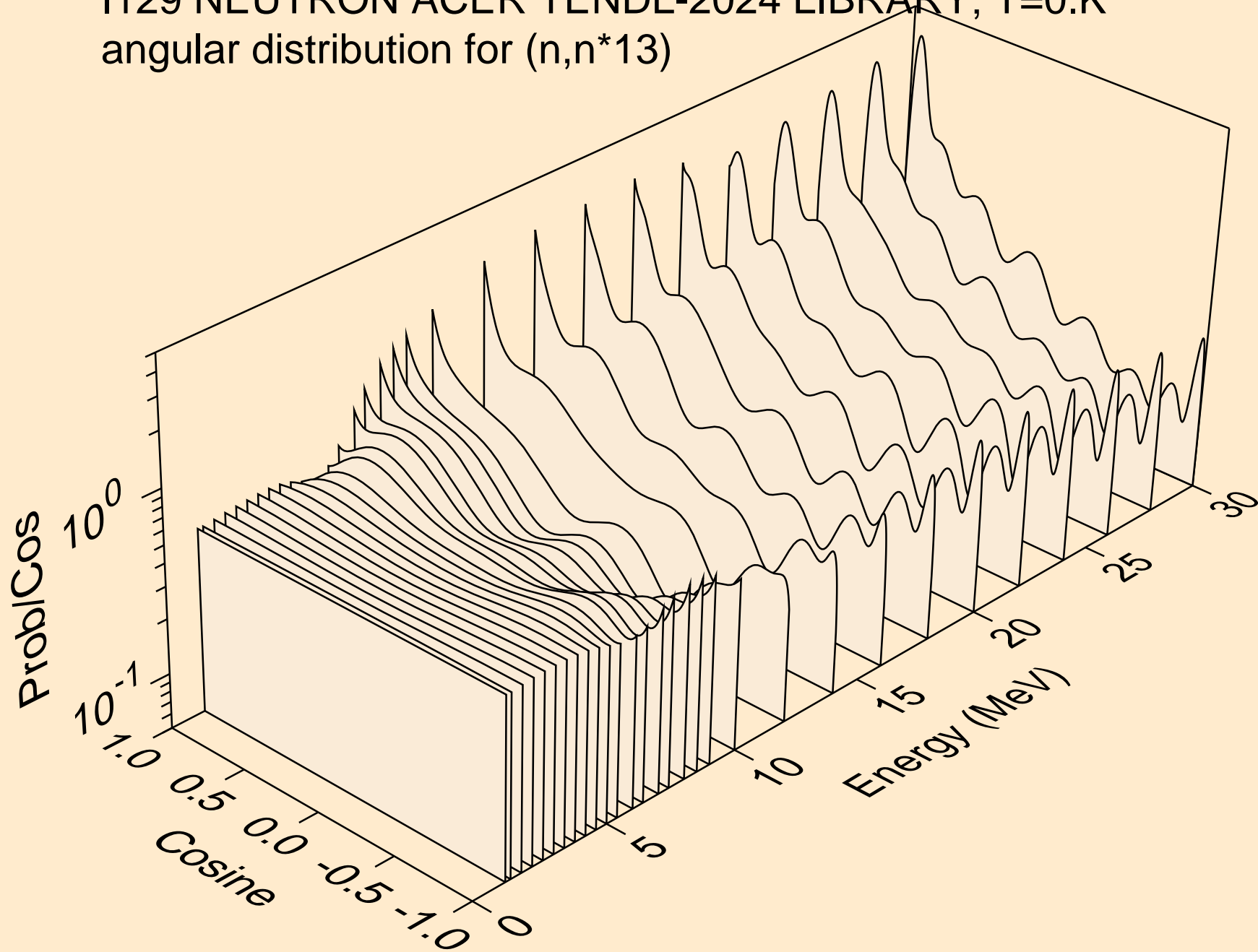
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)



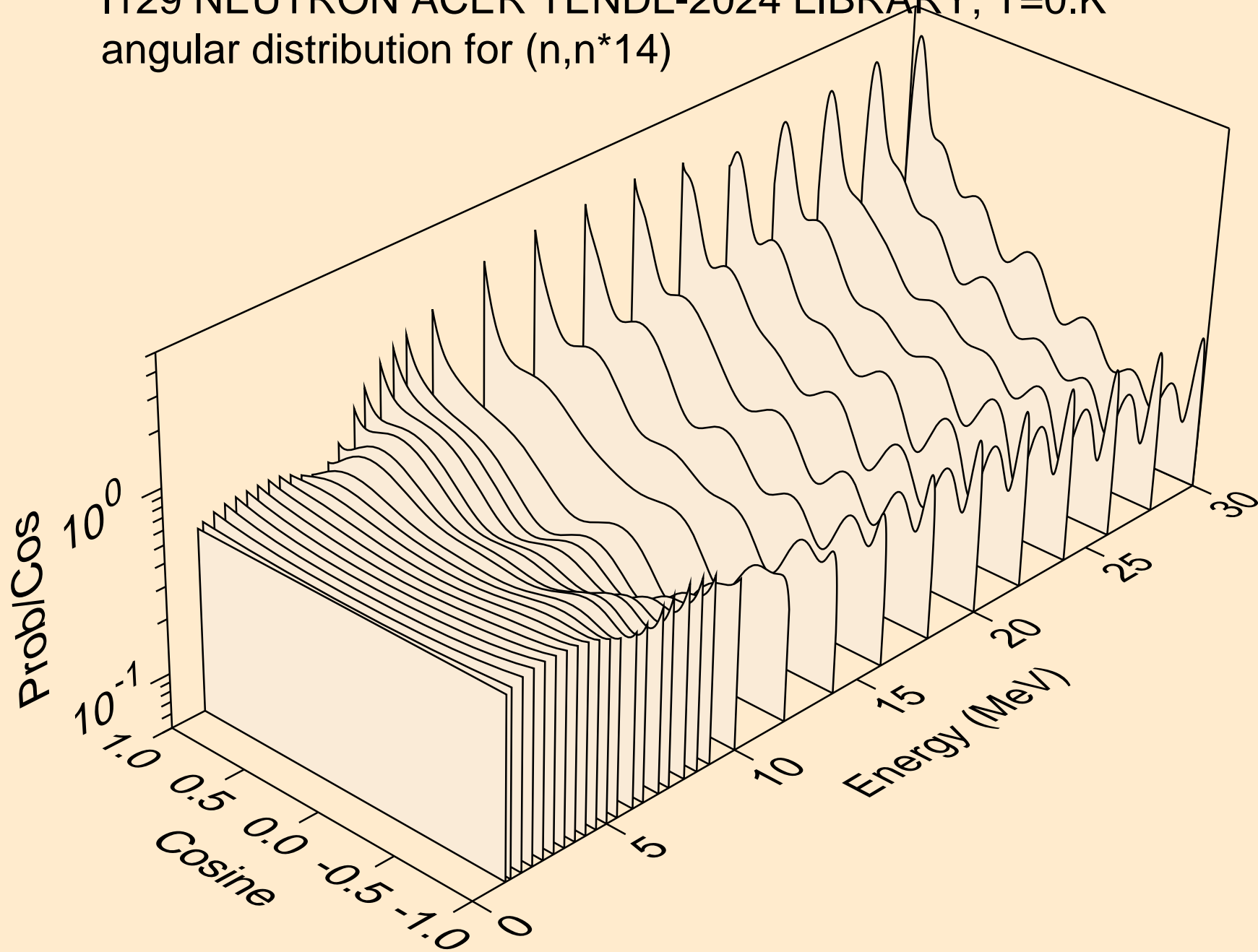
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



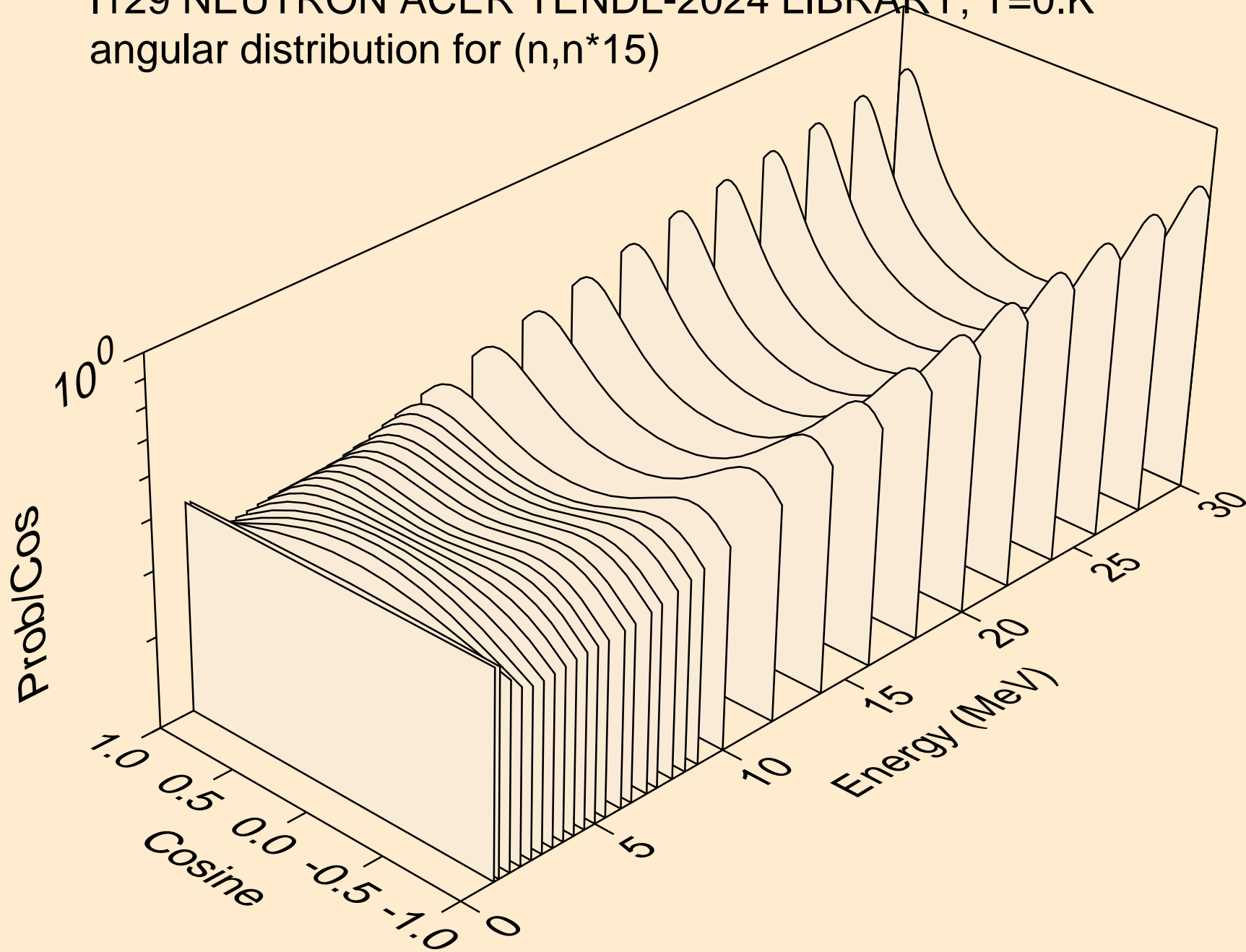
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



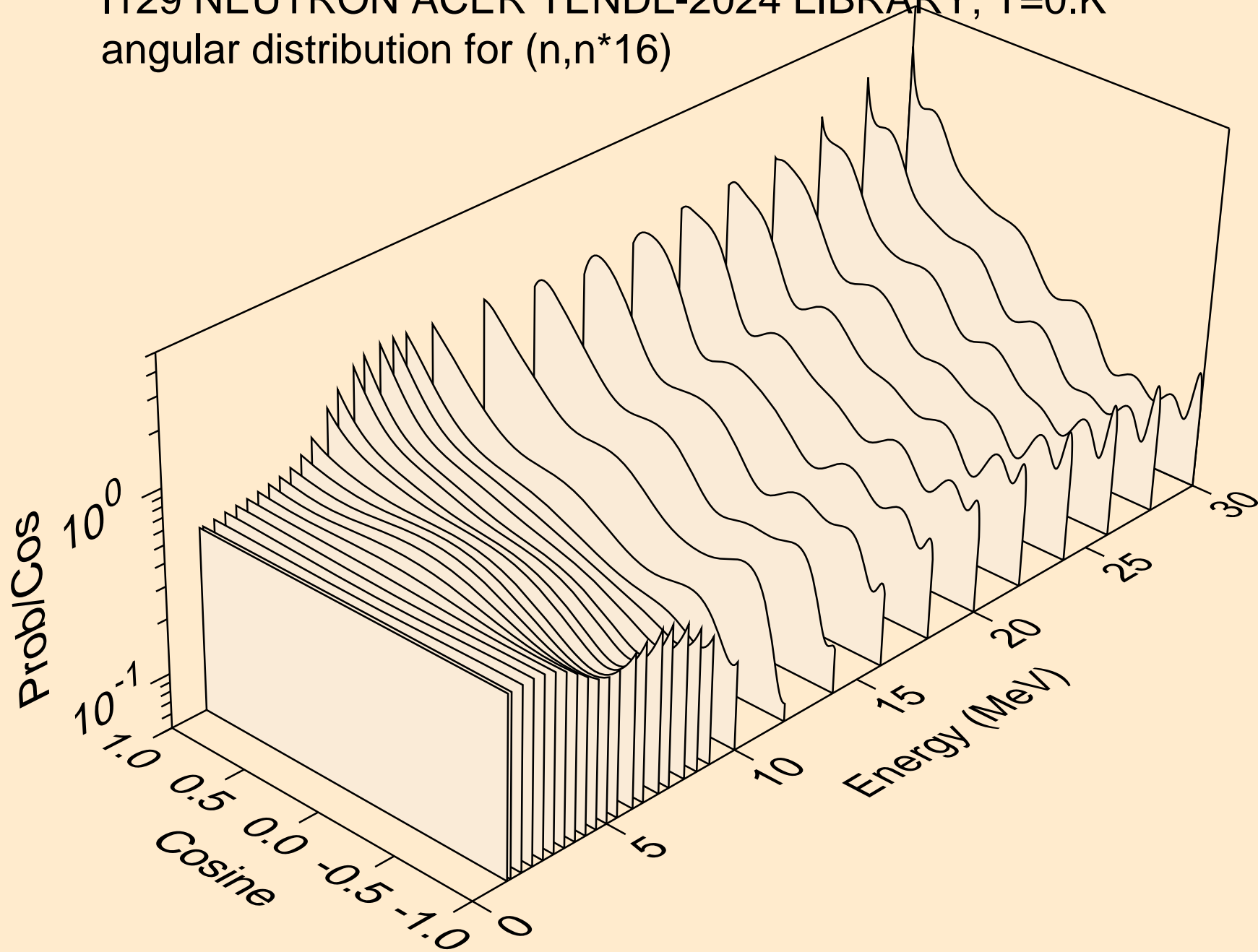
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angular distribution for (n,n\*14)



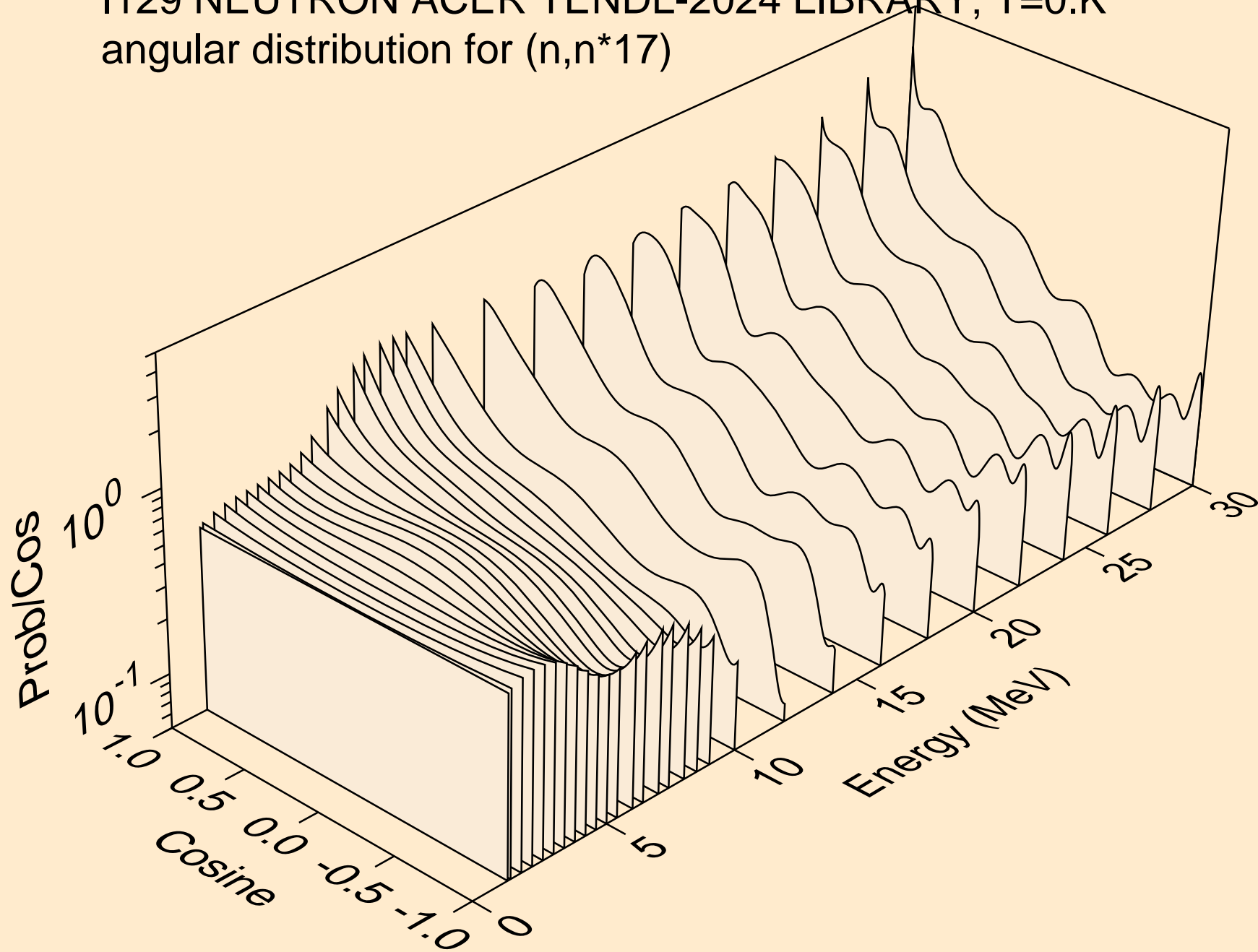
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

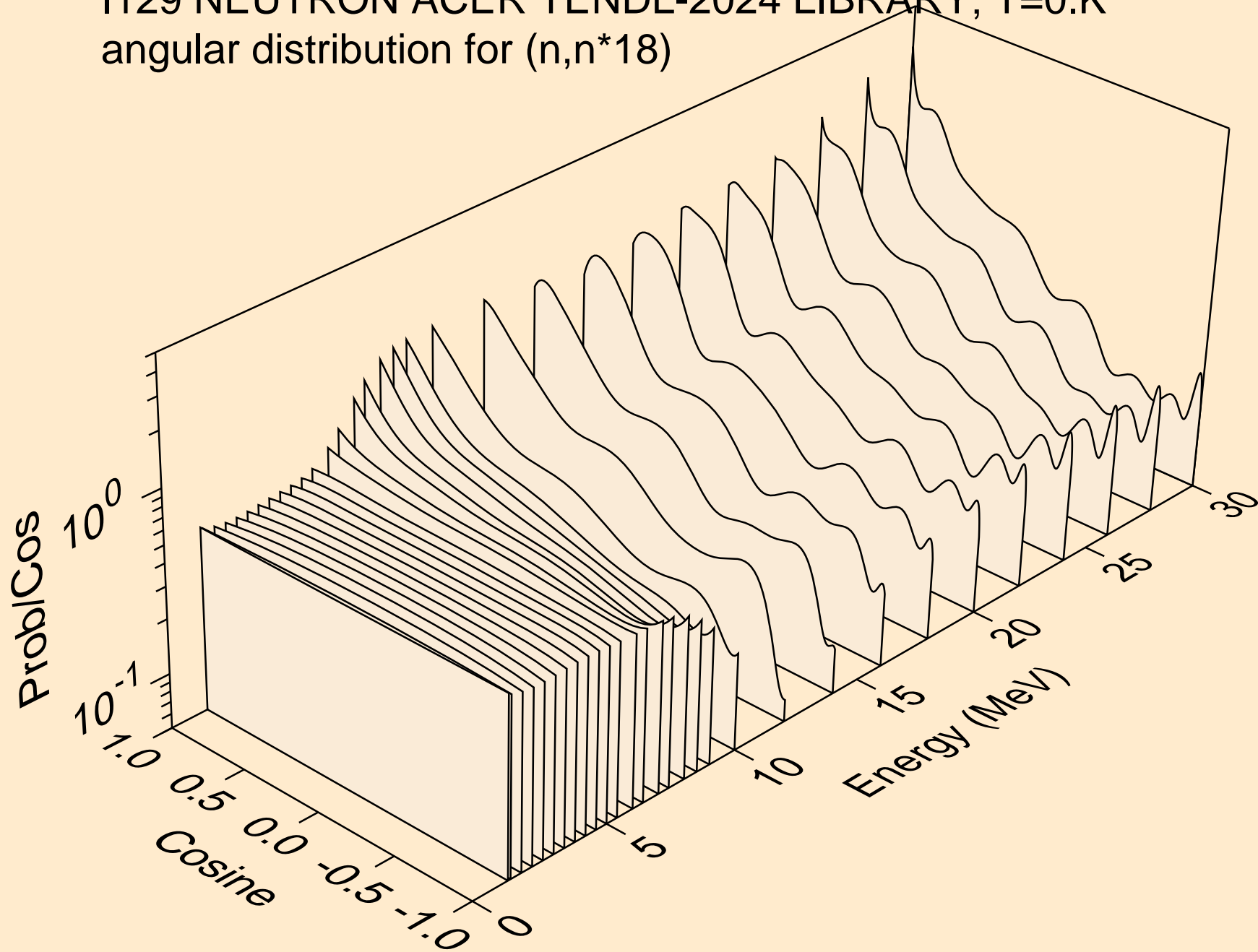


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

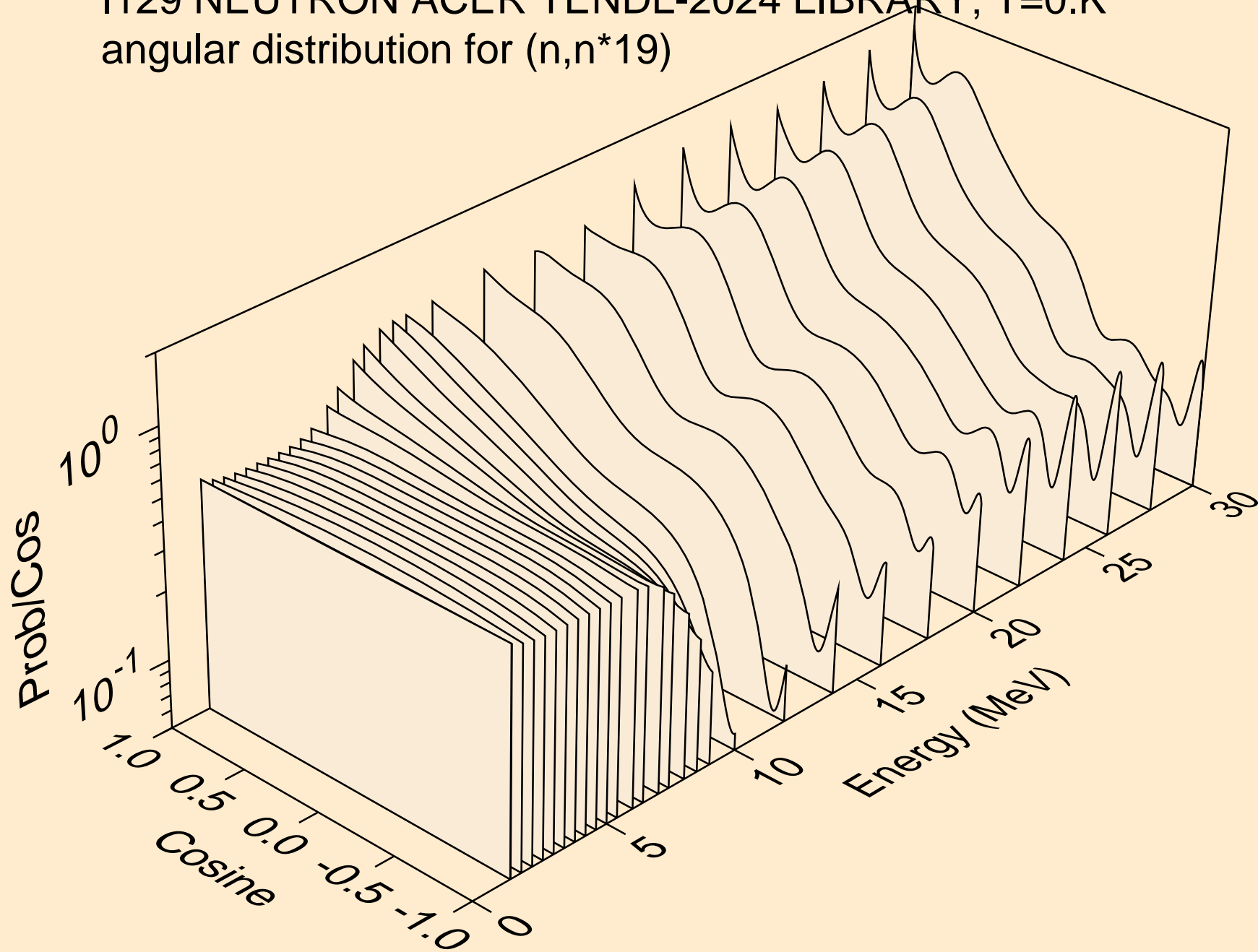




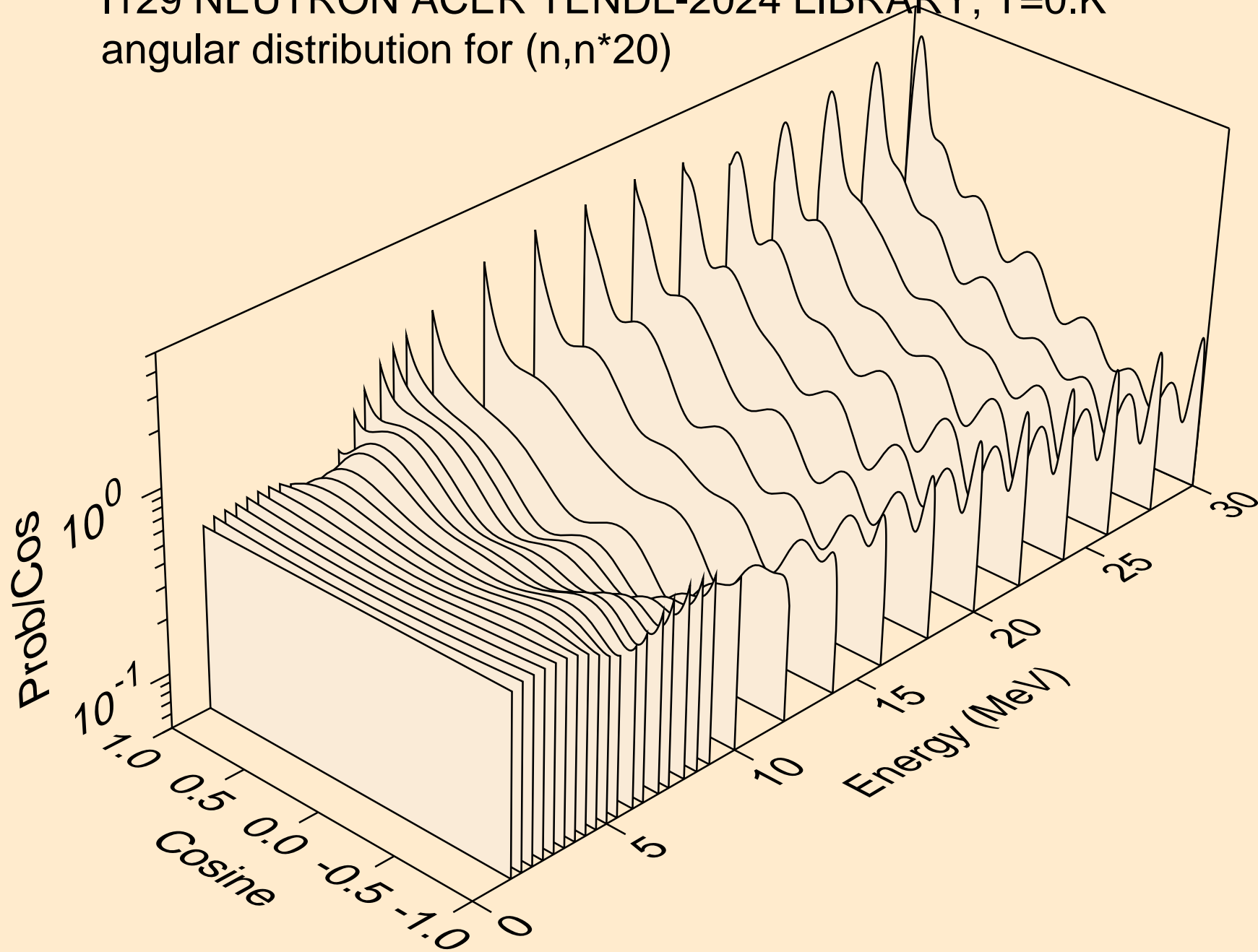
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angular distribution for (n,n\*18)



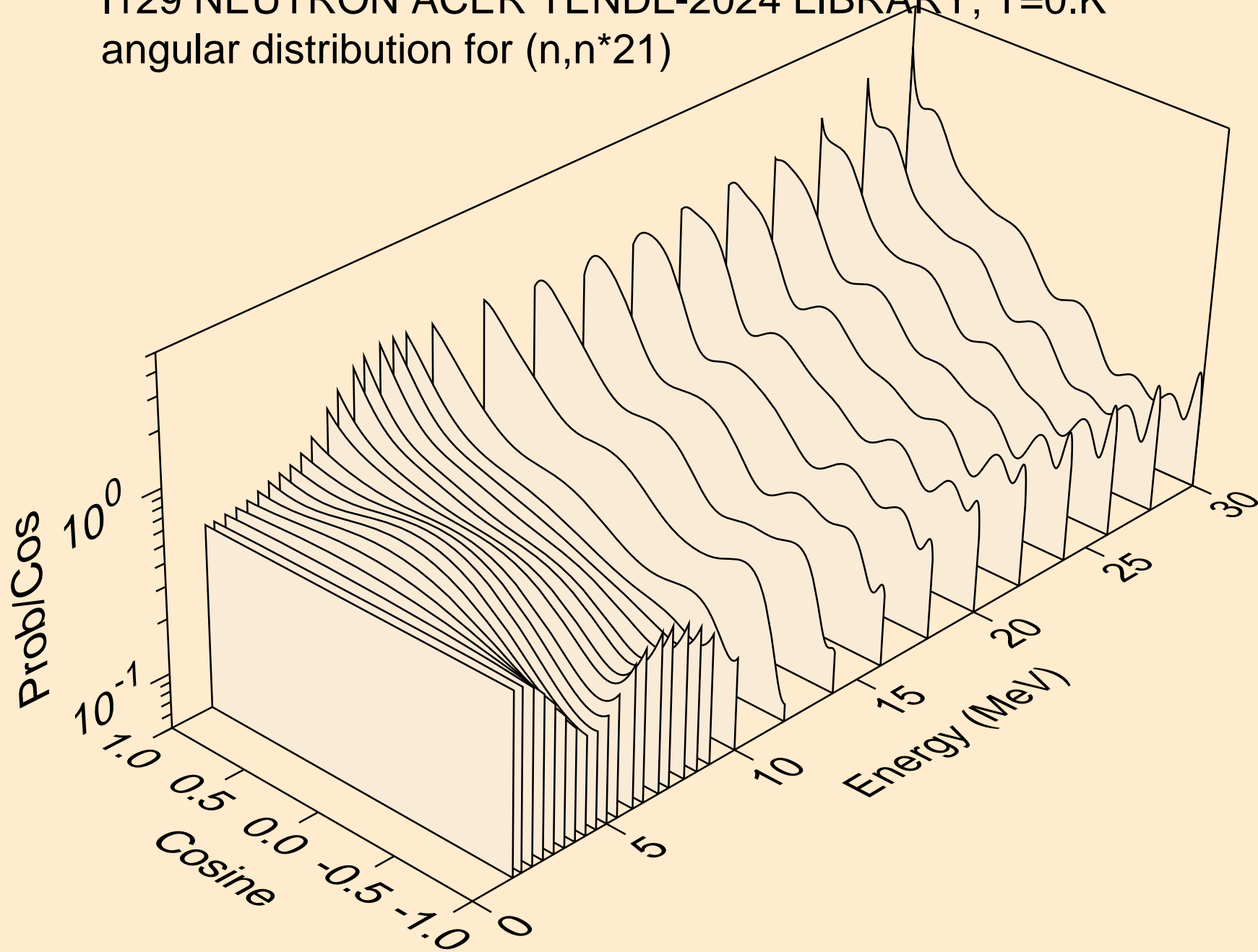
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angular distribution for (n,n\*19)



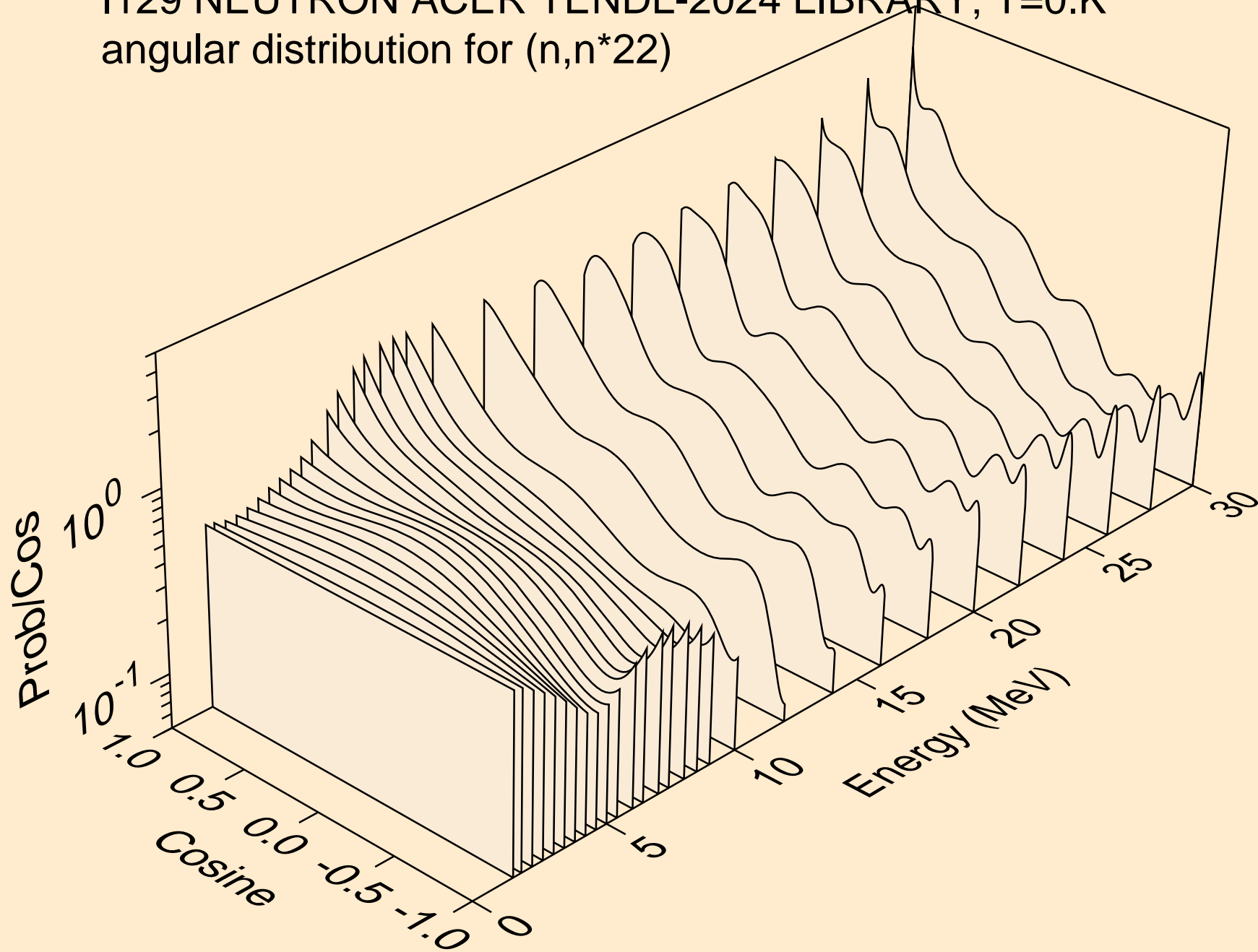
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angular distribution for (n,n\*20)



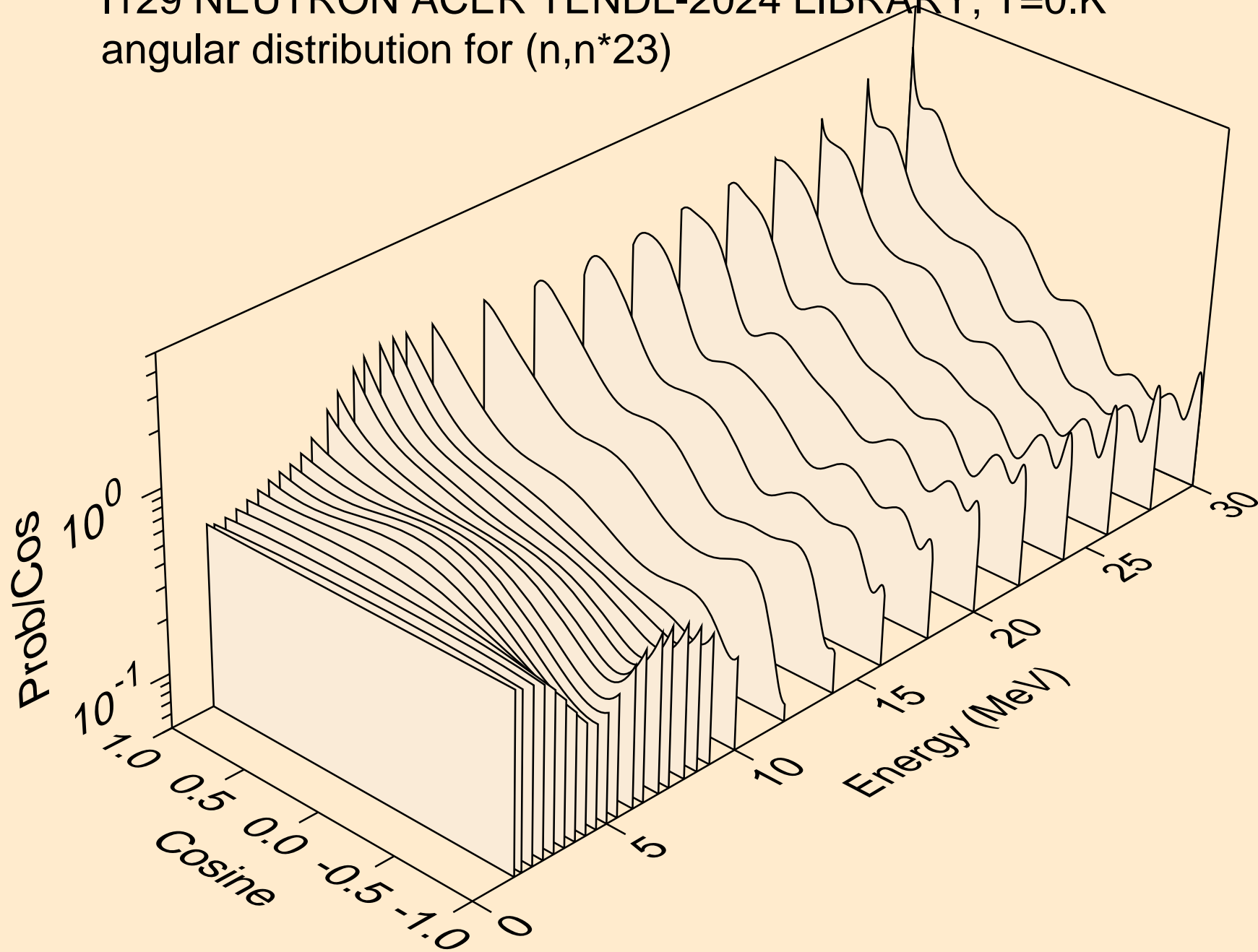
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angular distribution for (n,n\*21)



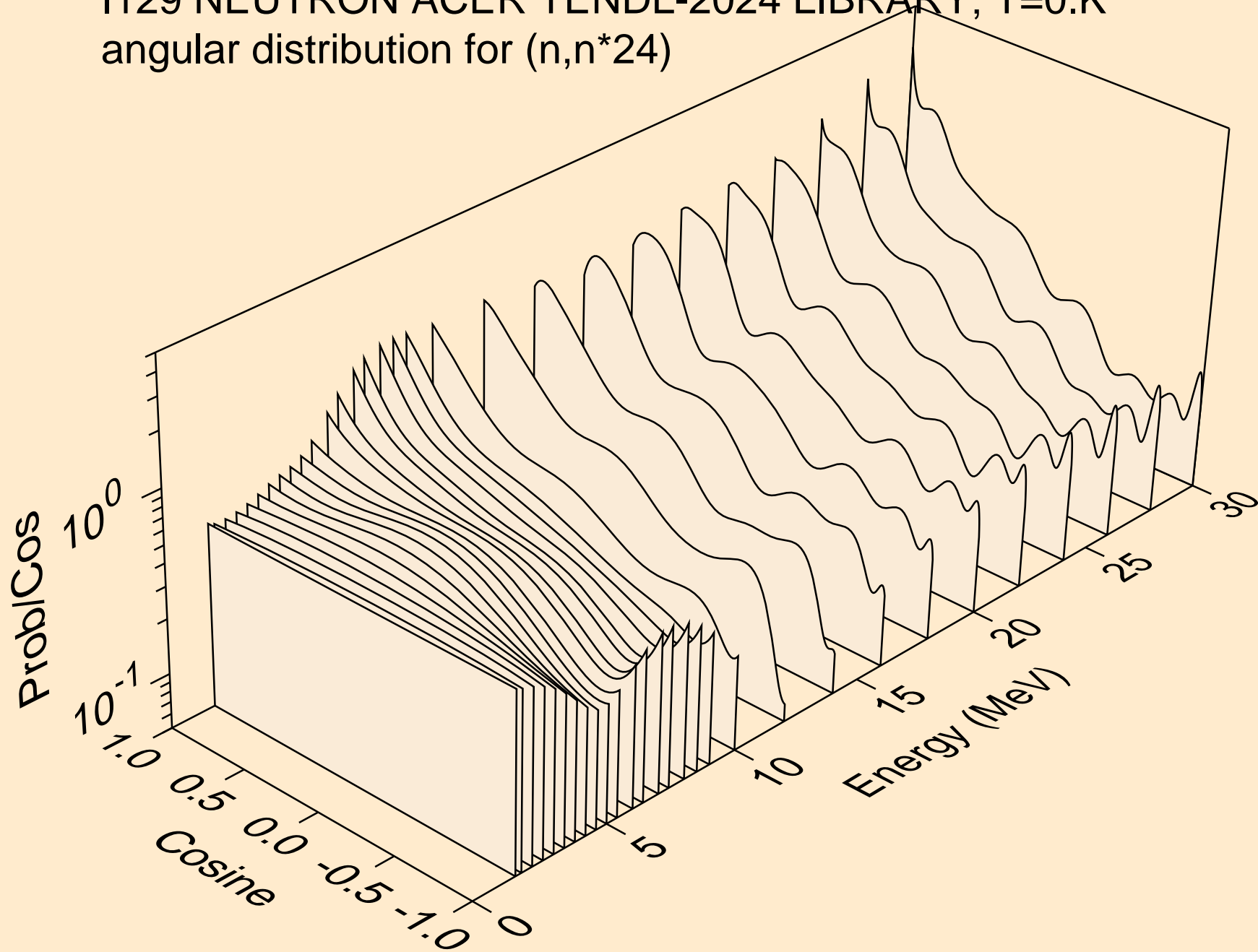
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



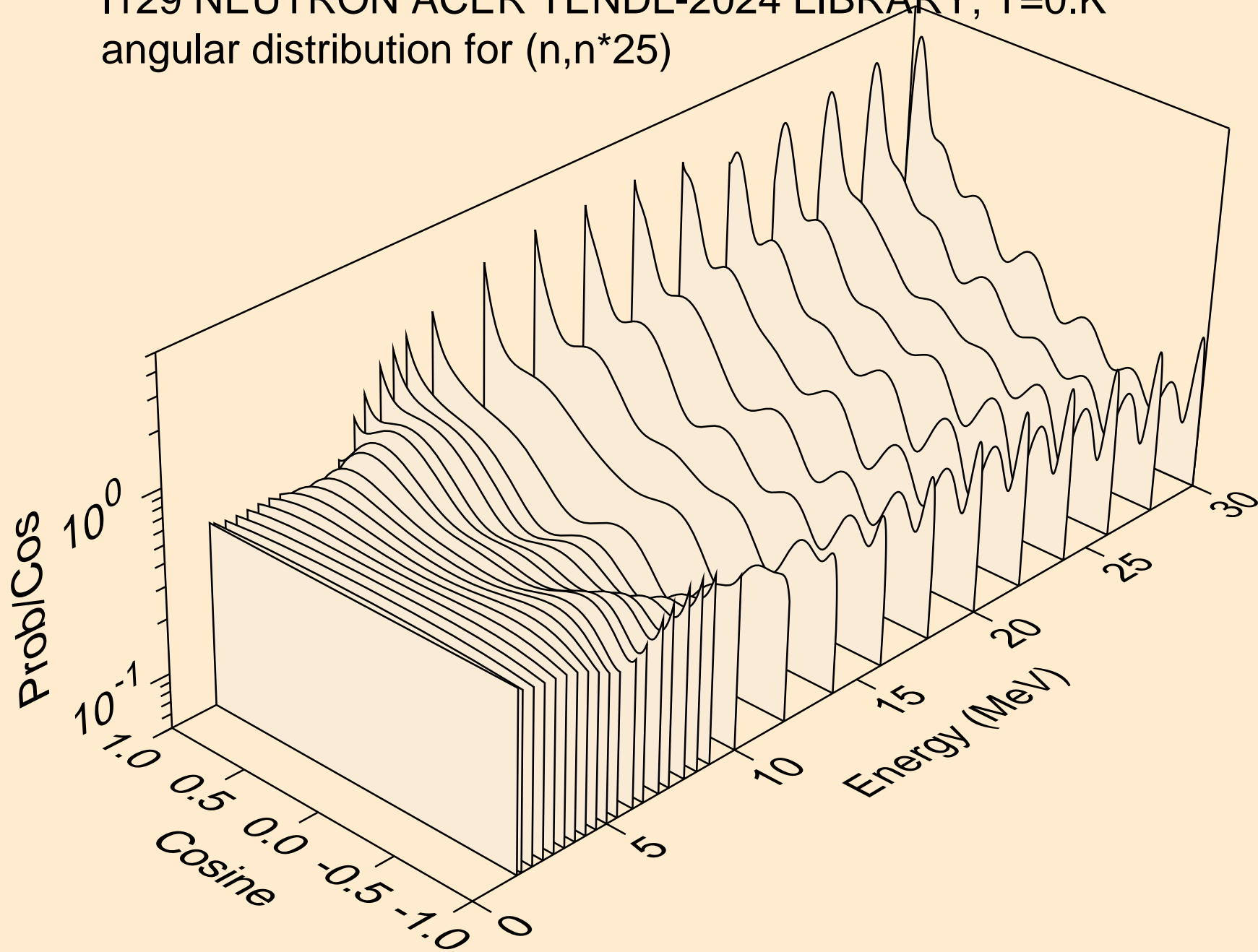
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

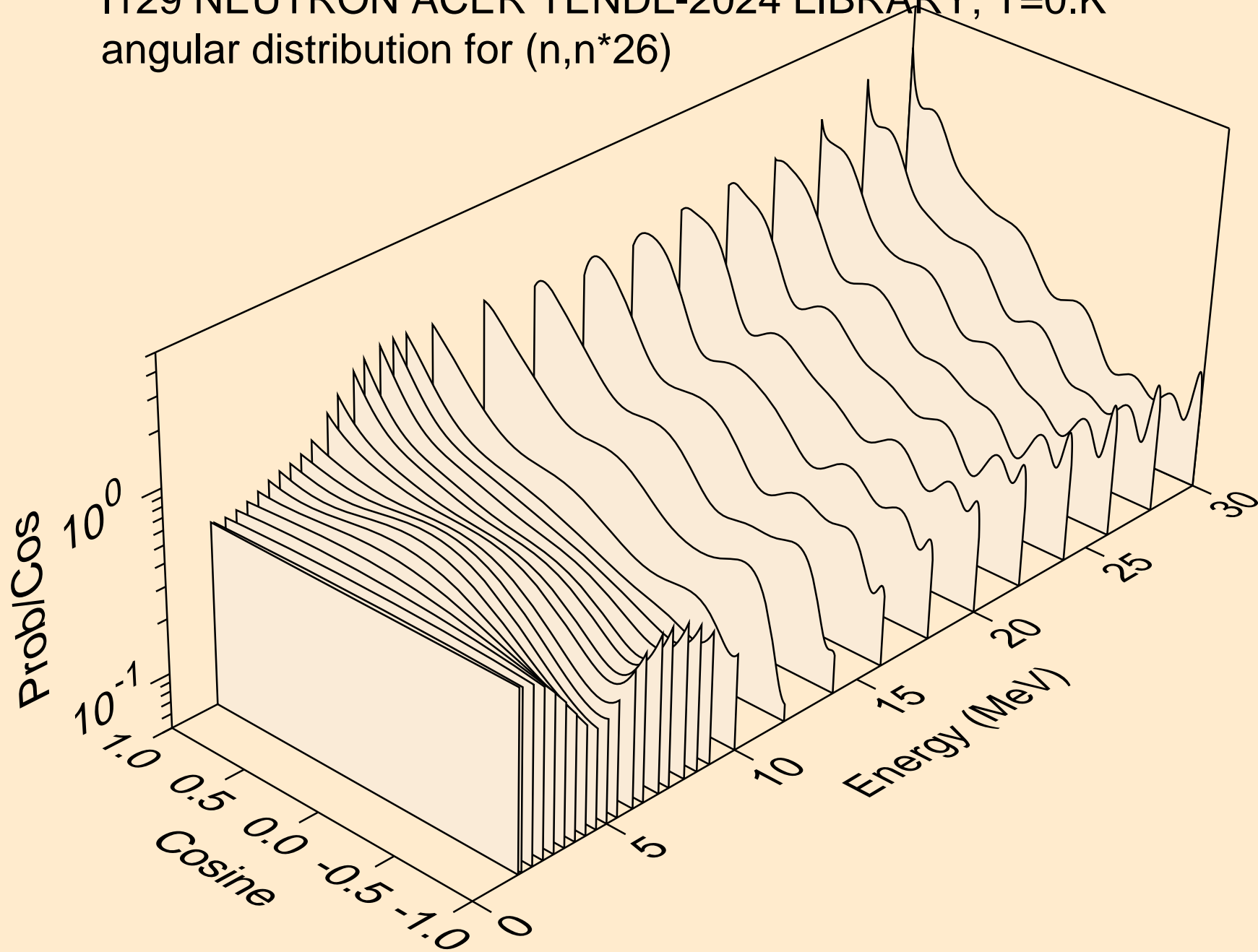


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

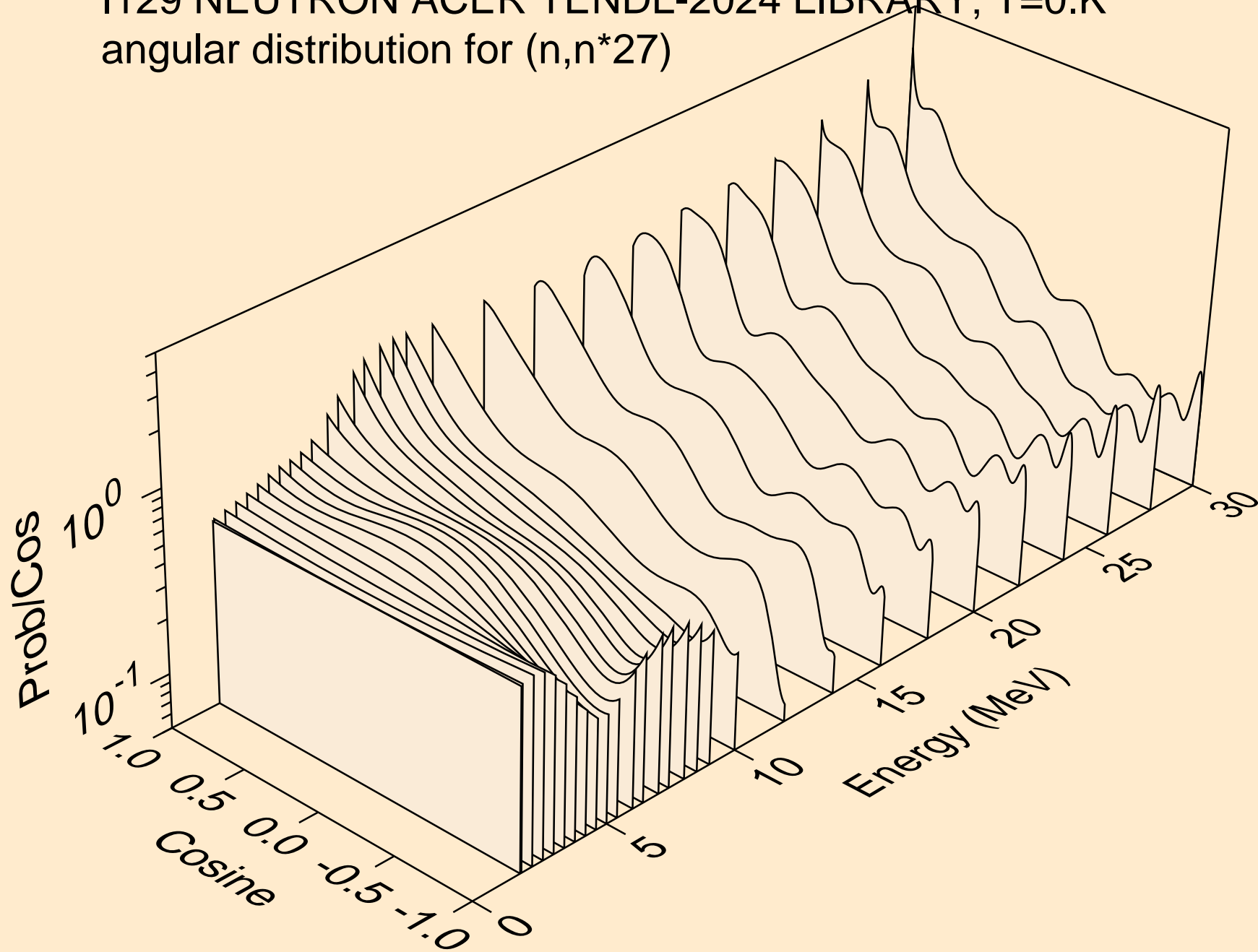




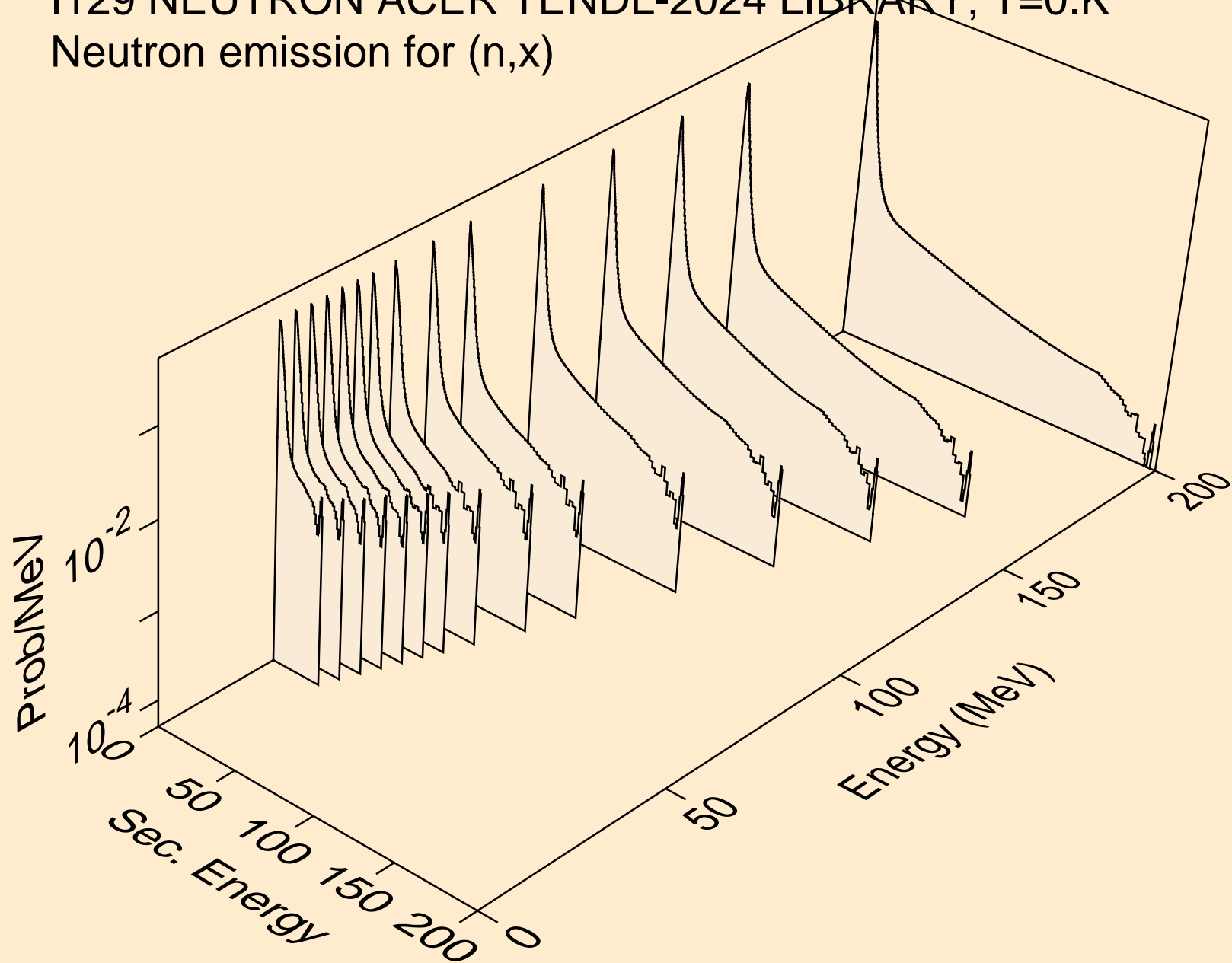
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



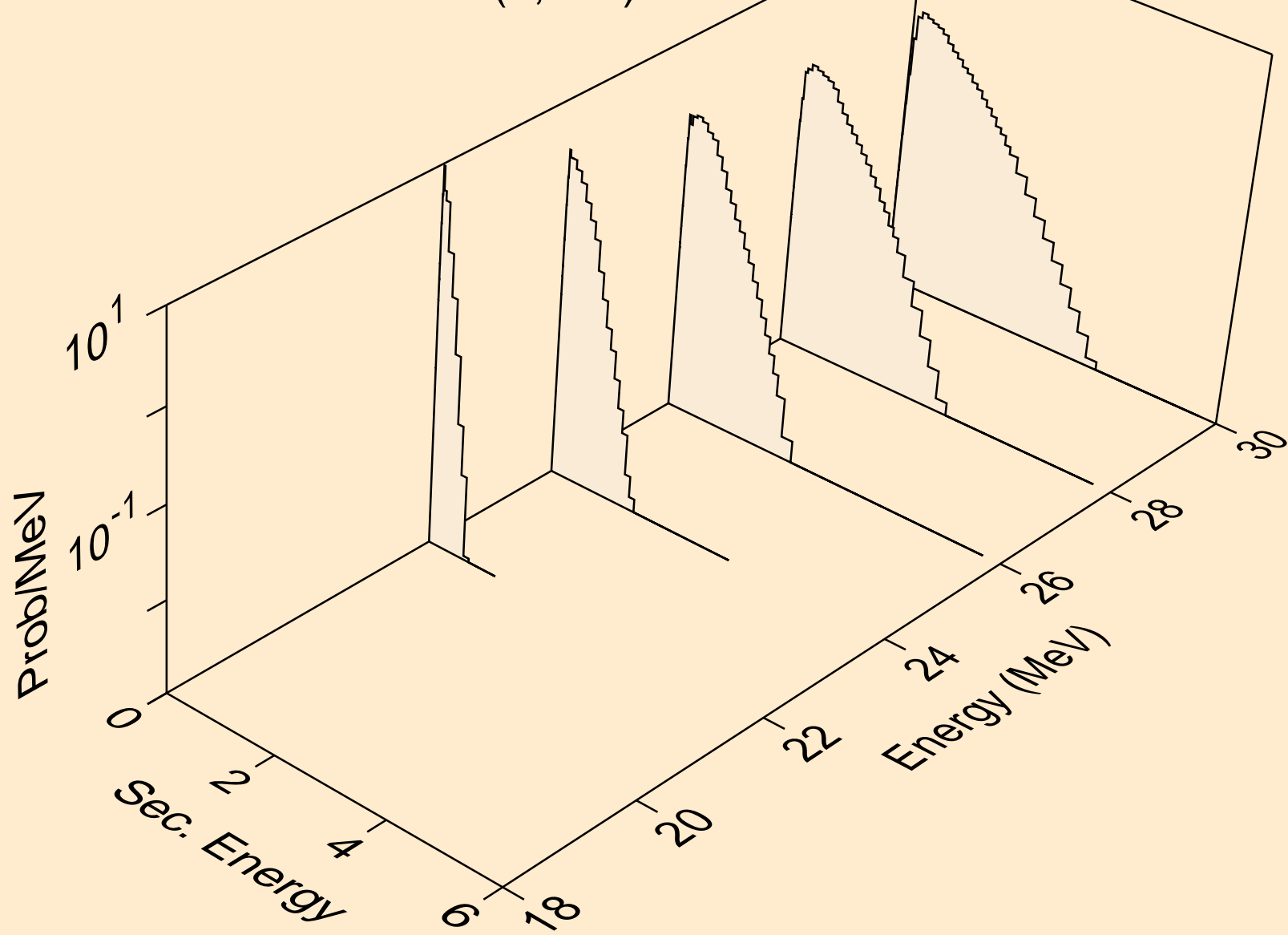
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



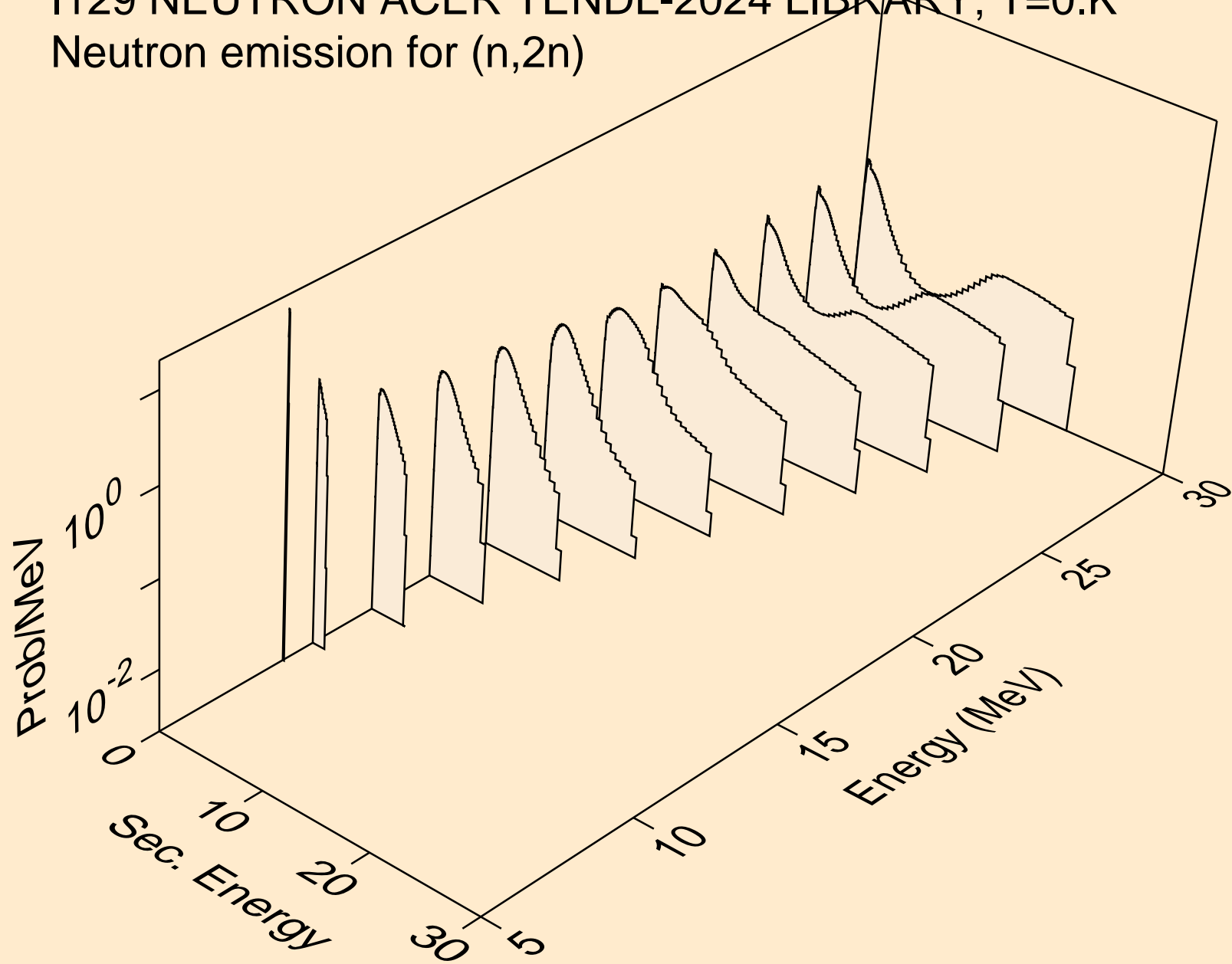
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



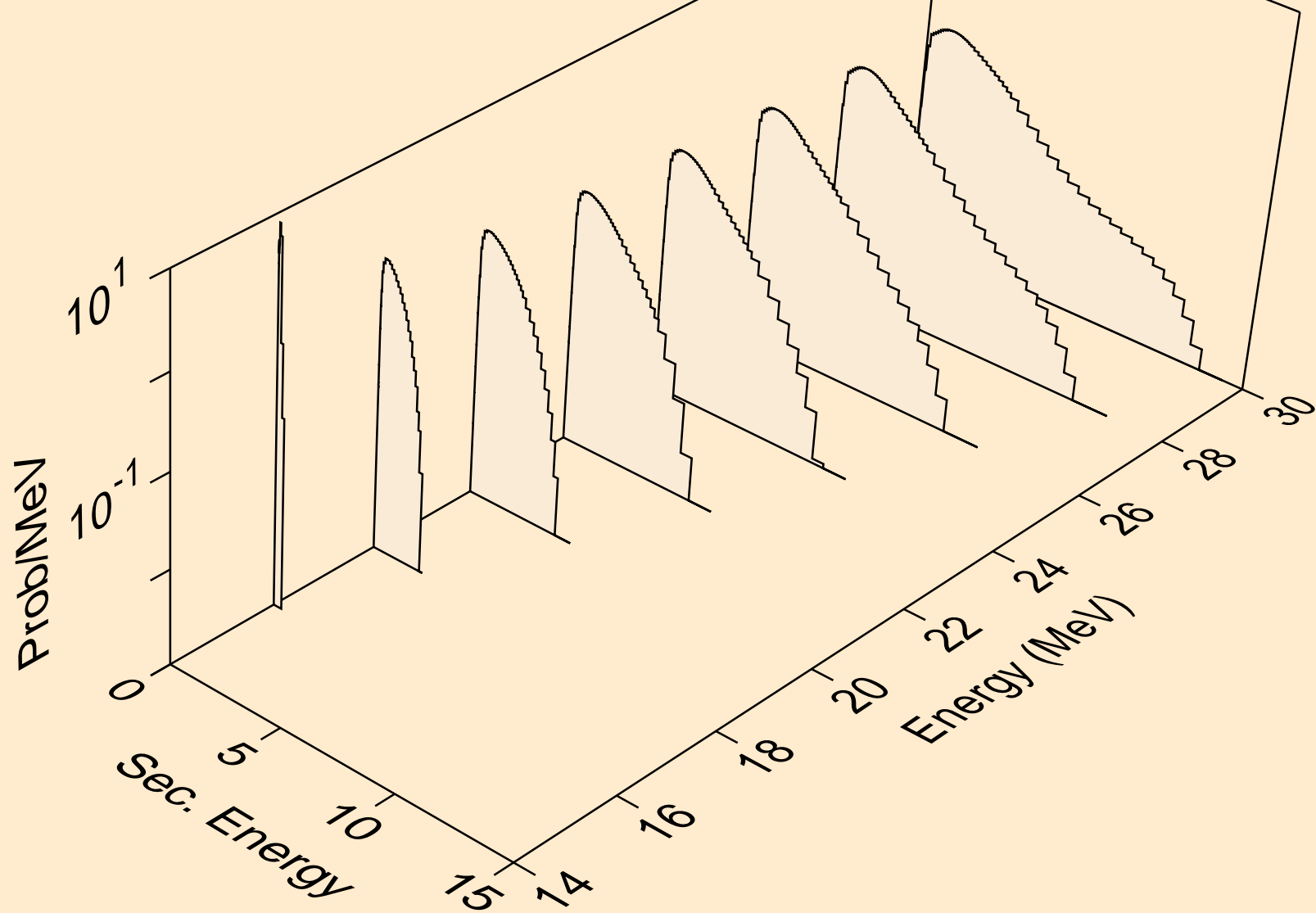
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



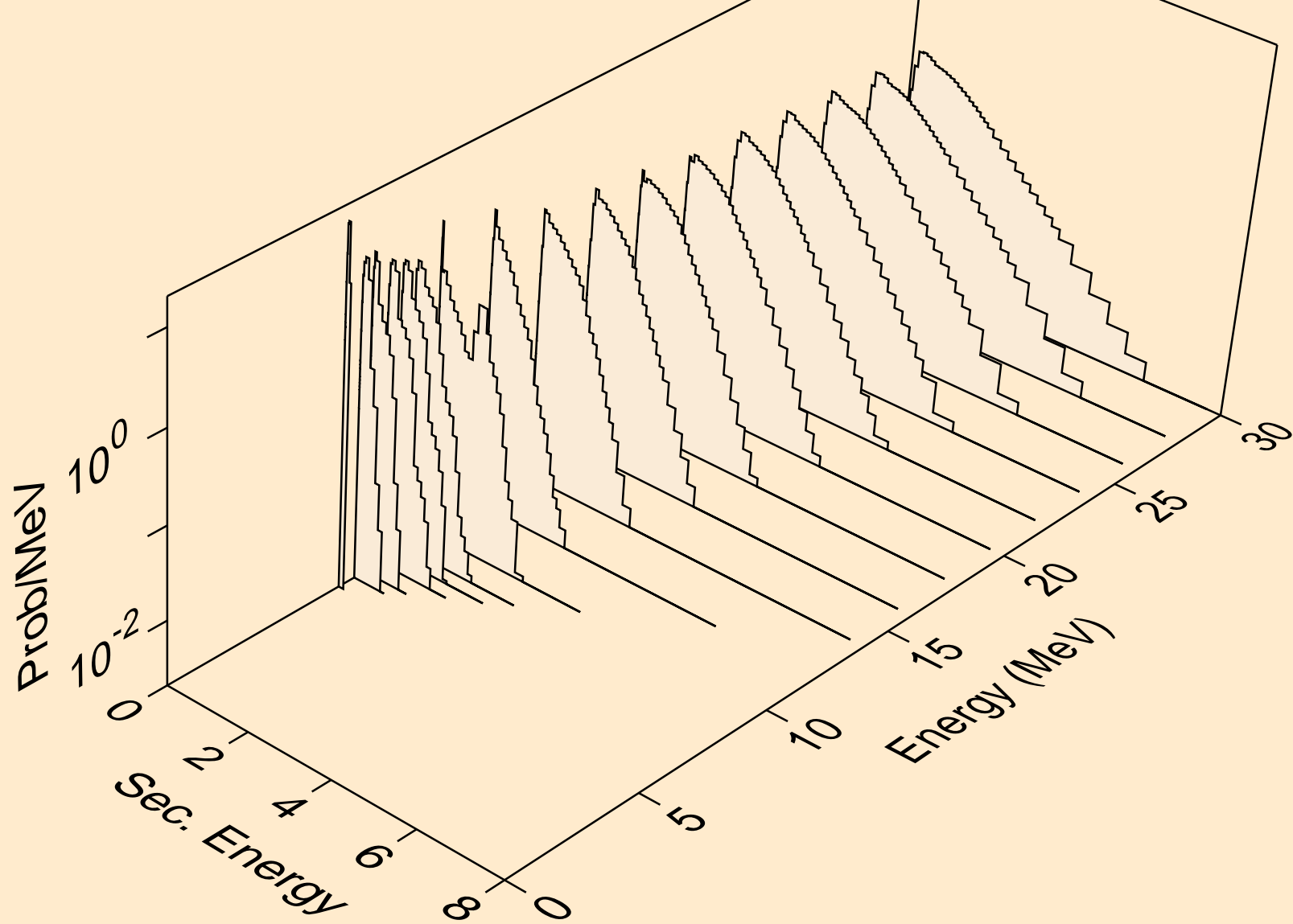
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



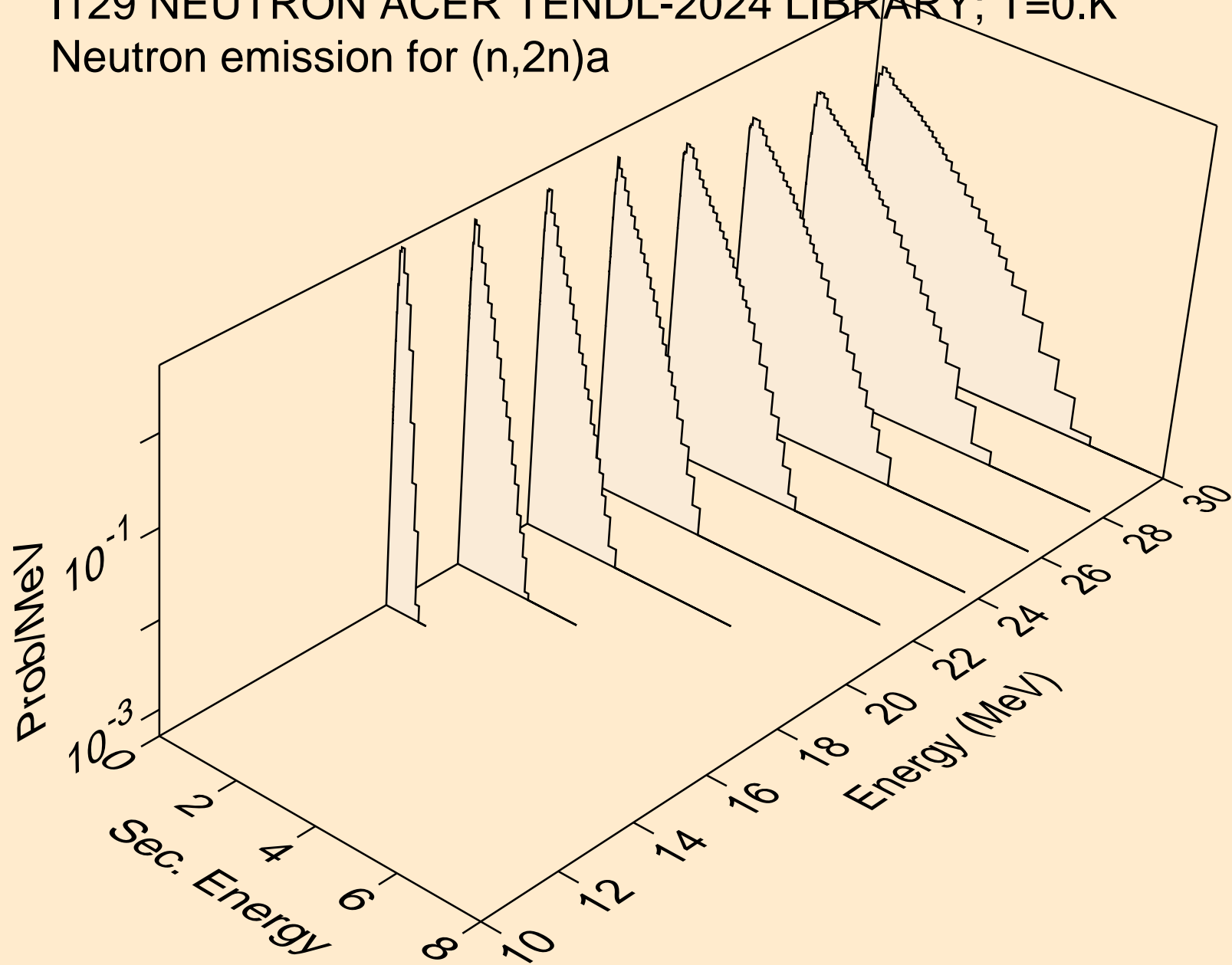
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

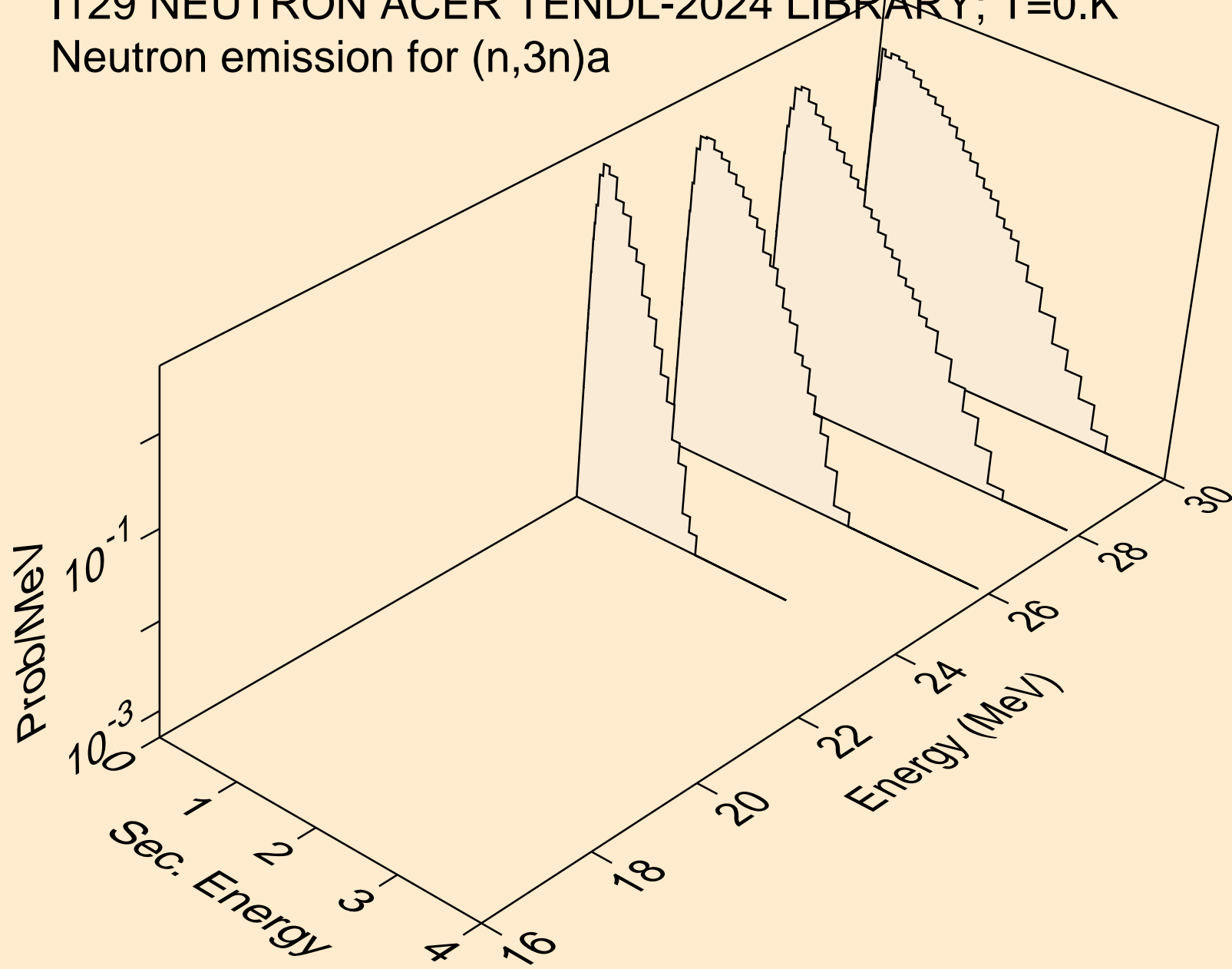


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

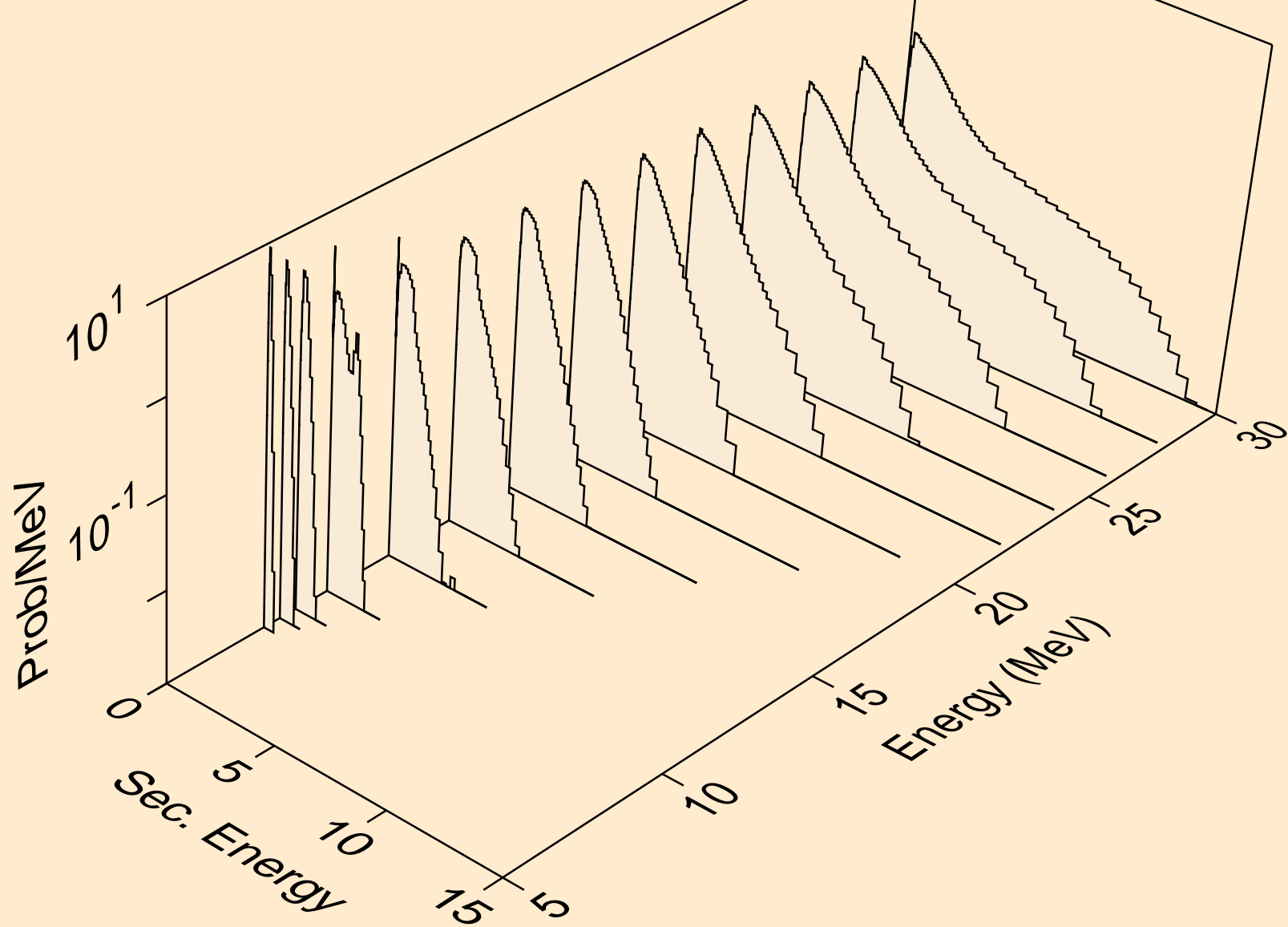




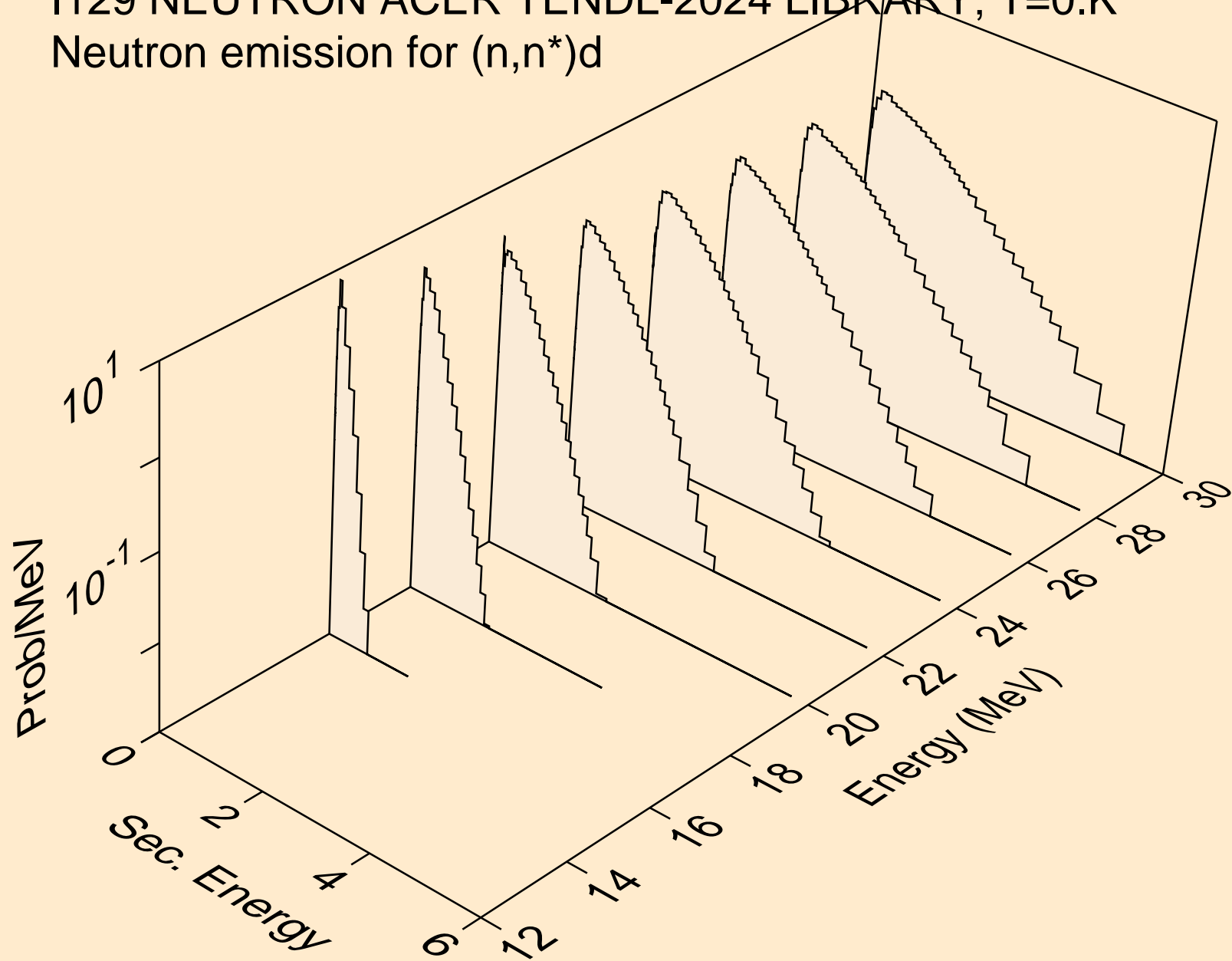
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



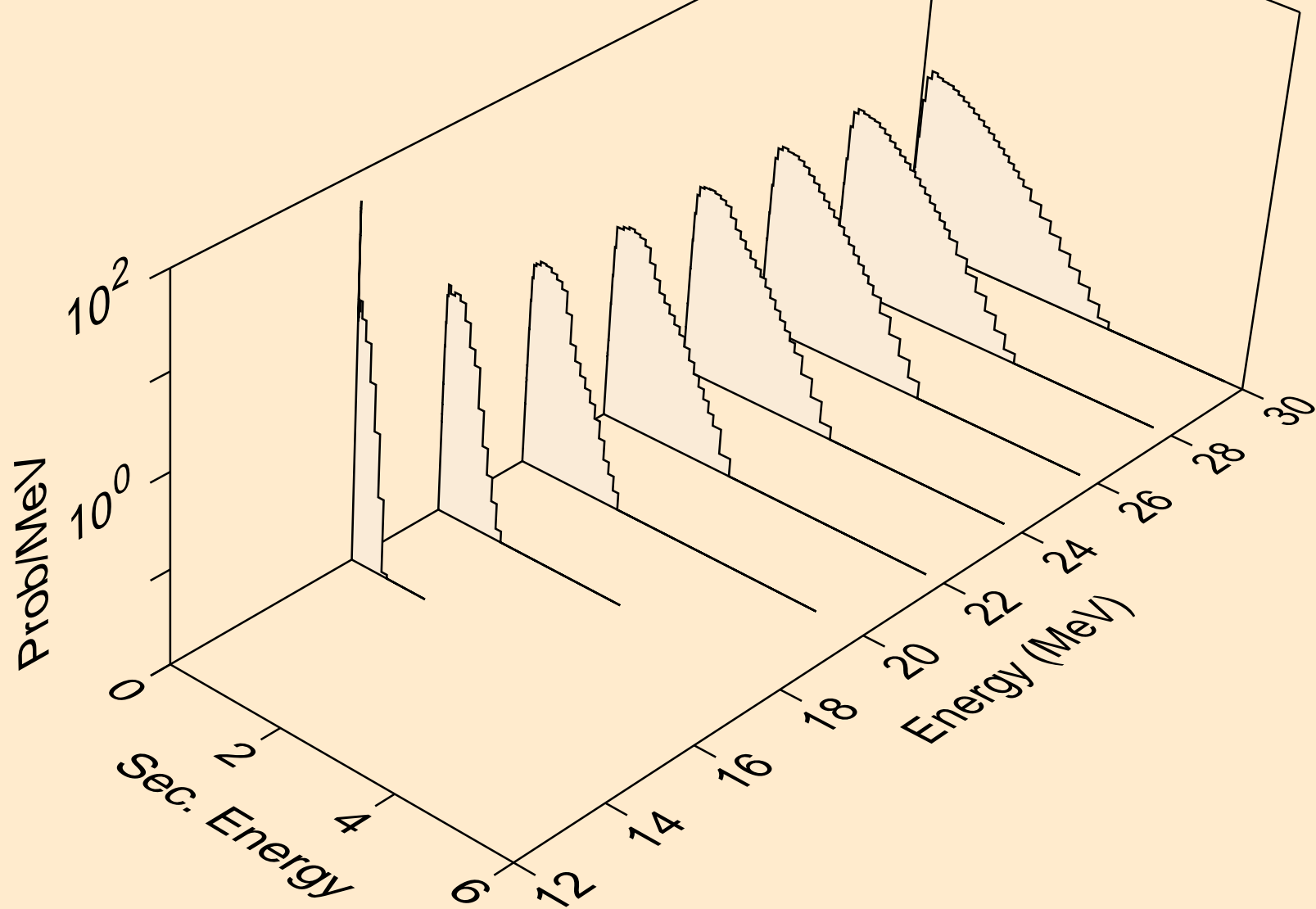
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



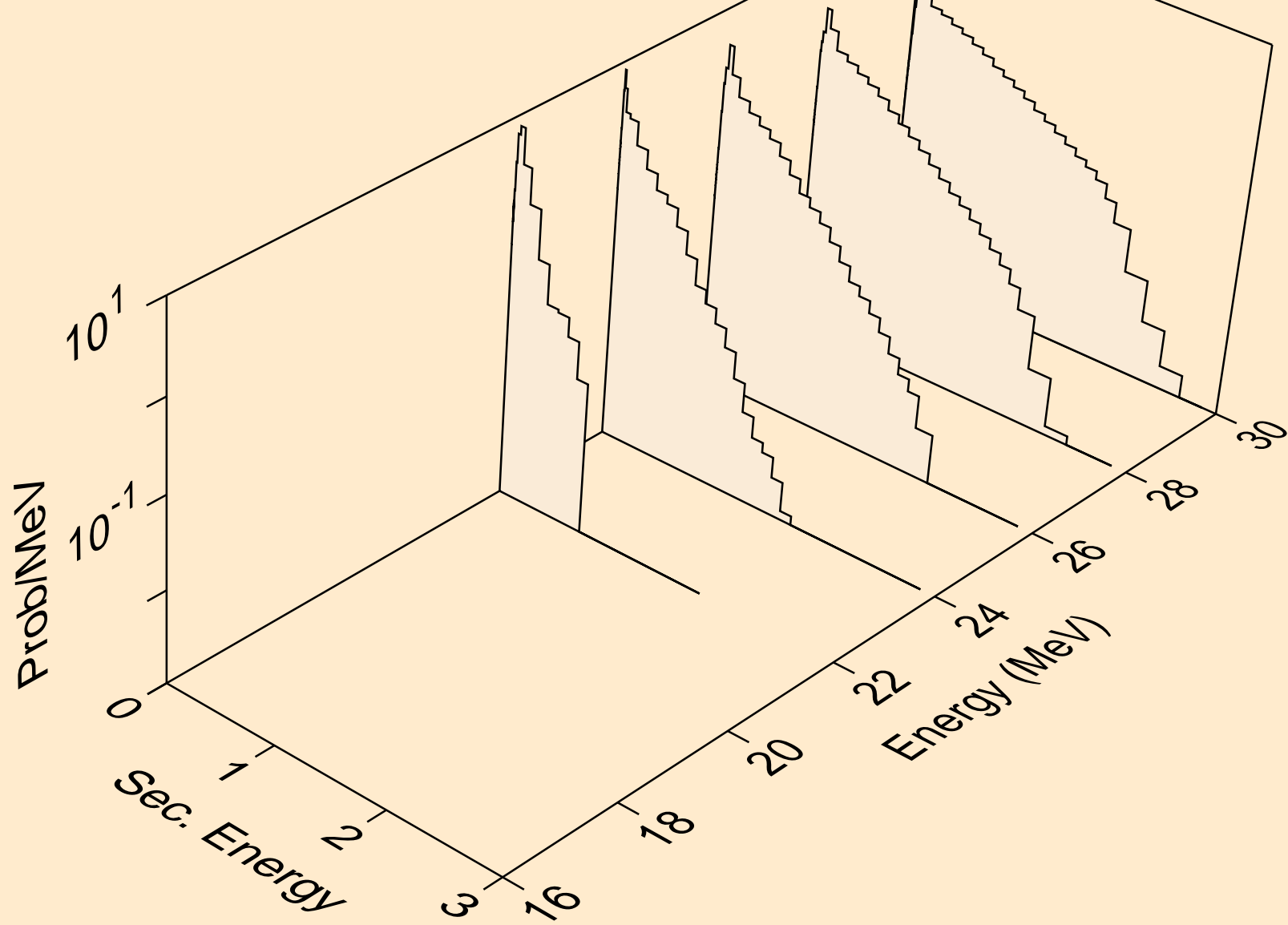
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



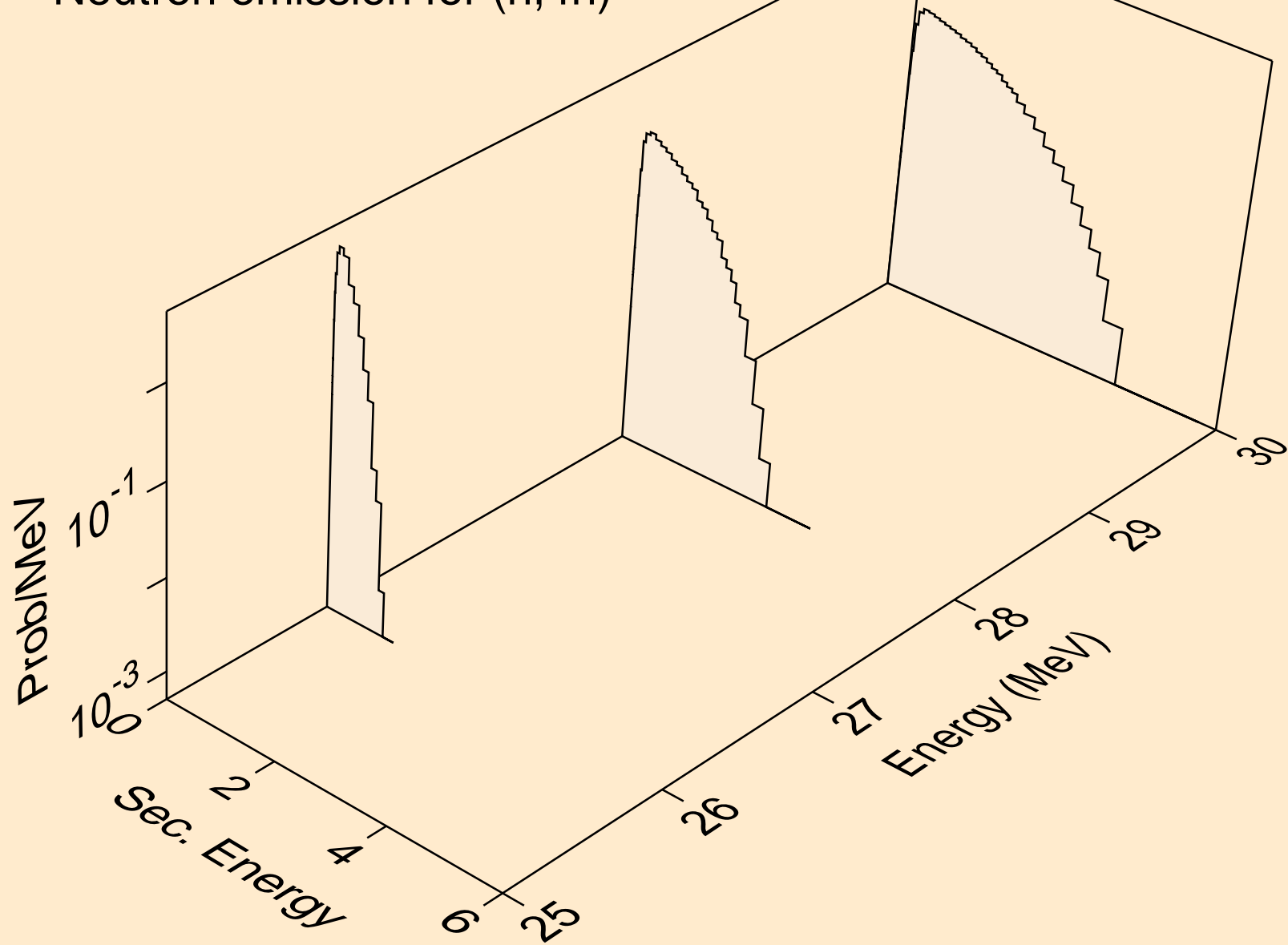
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



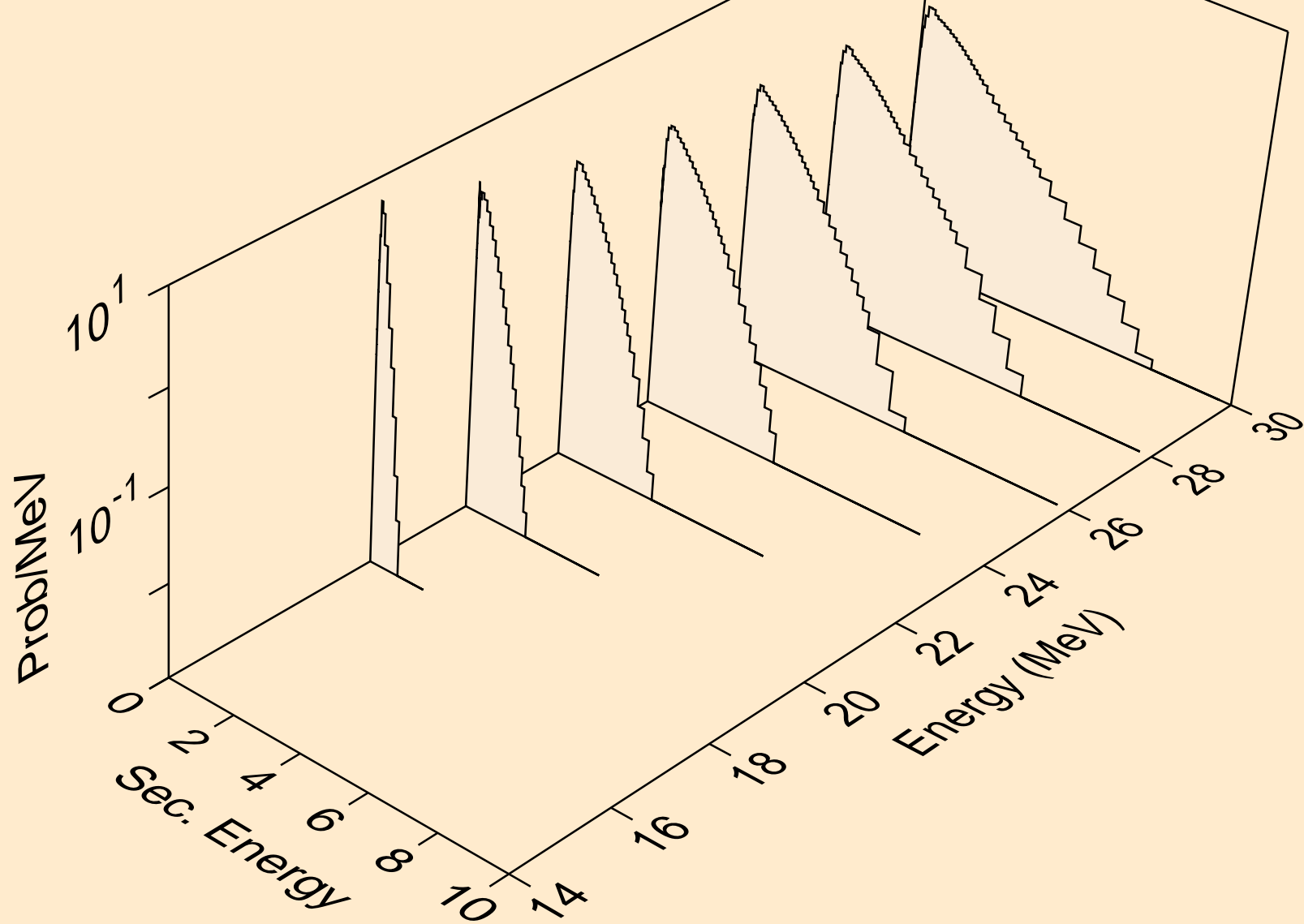
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



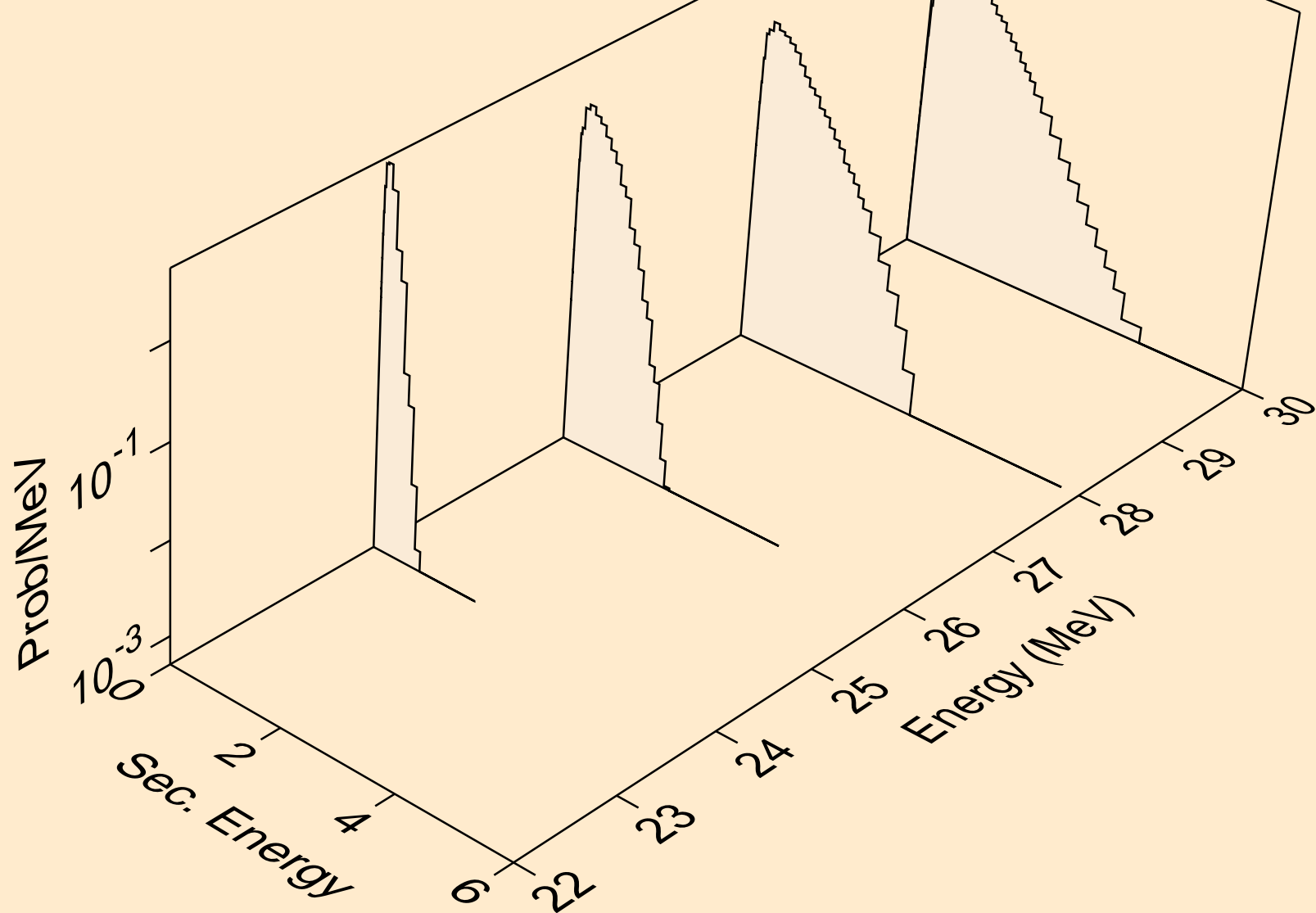
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

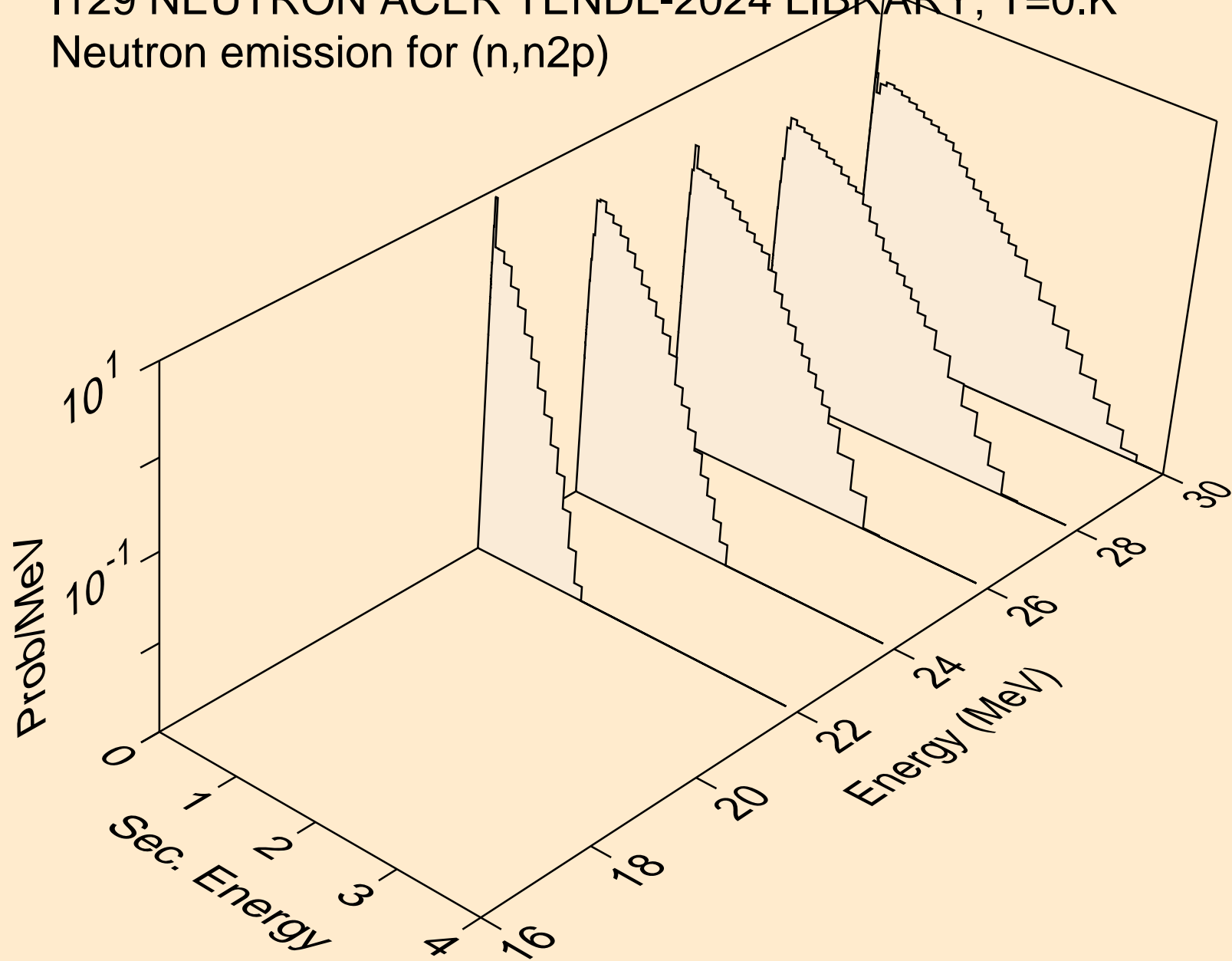


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

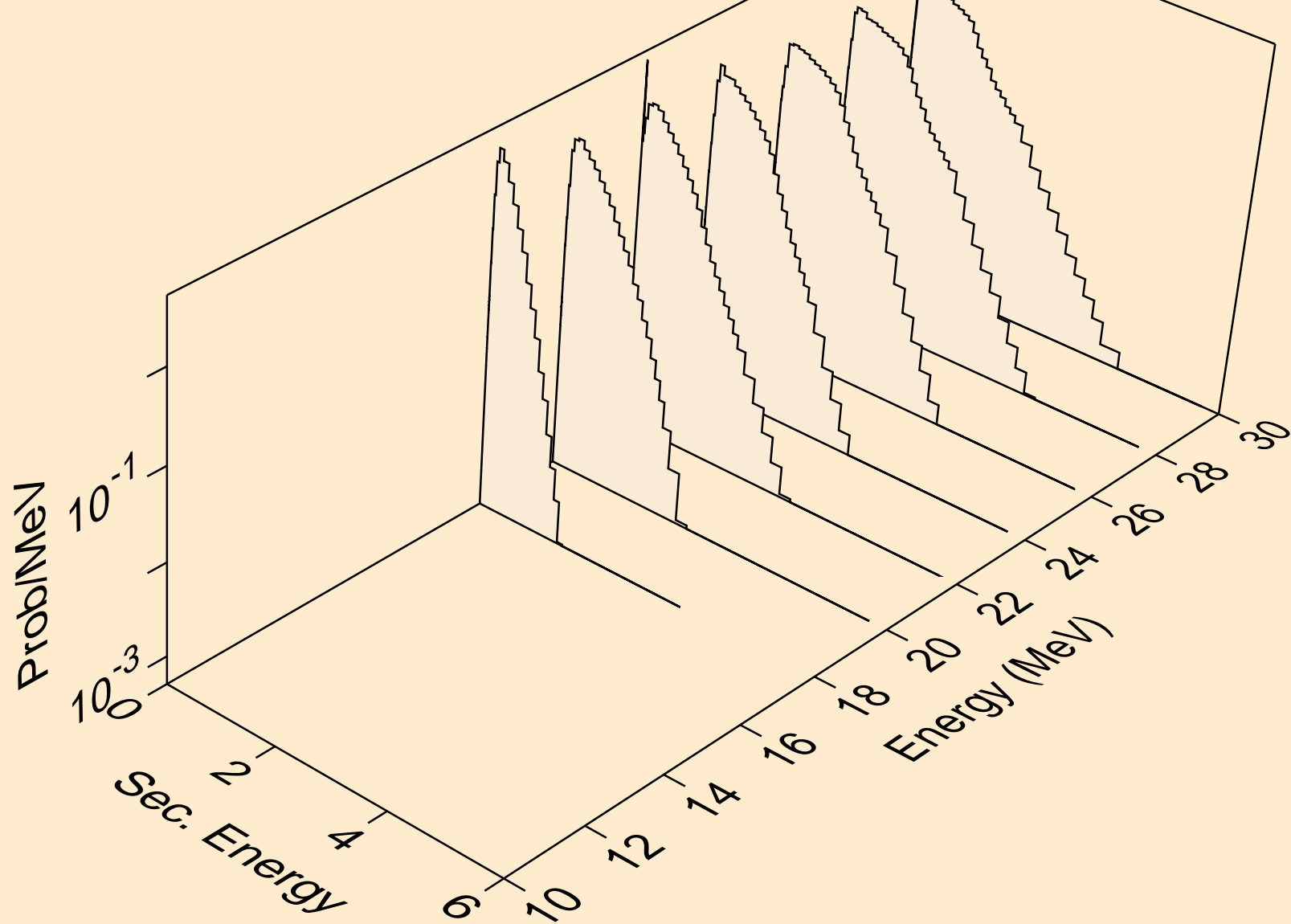




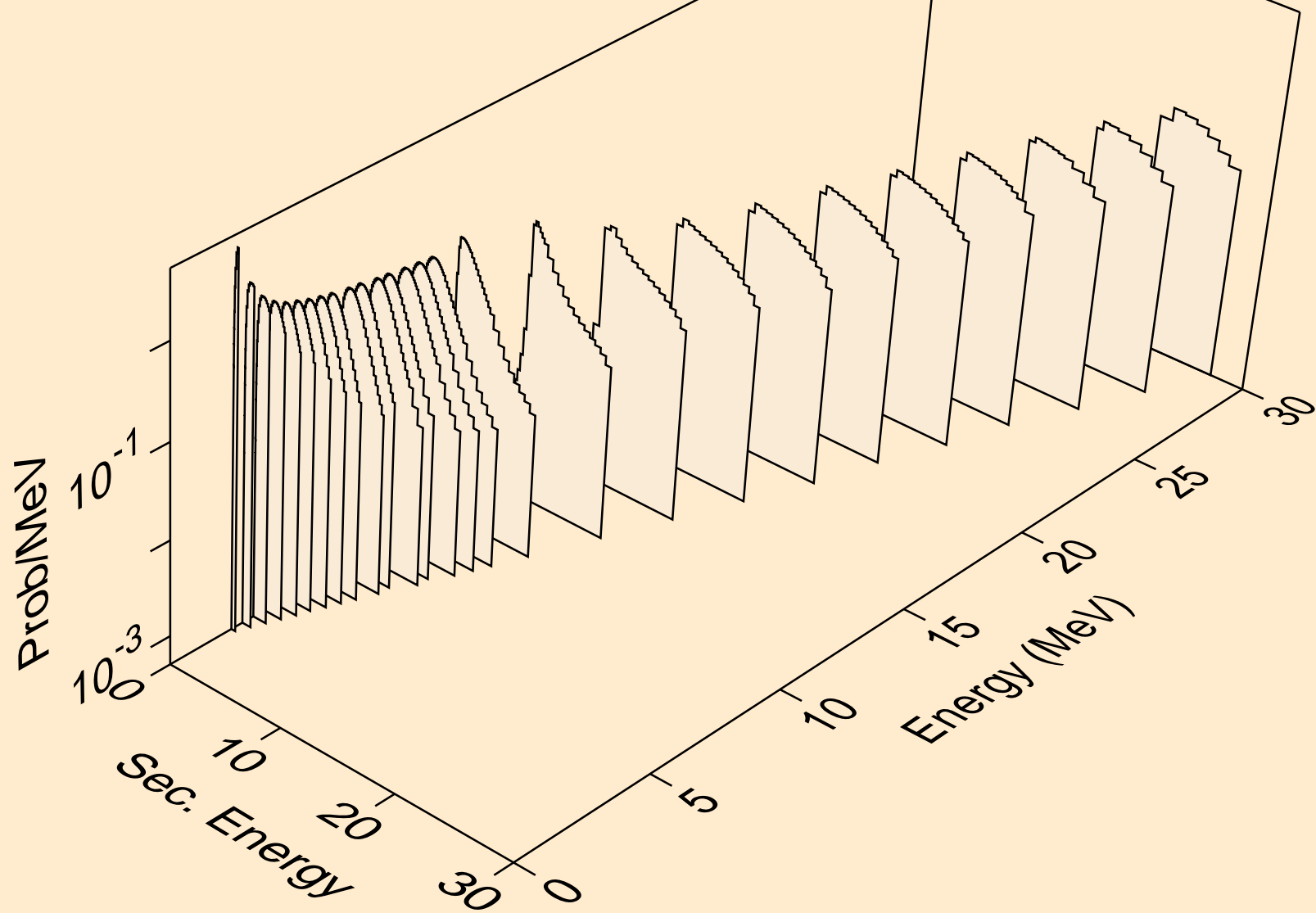
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



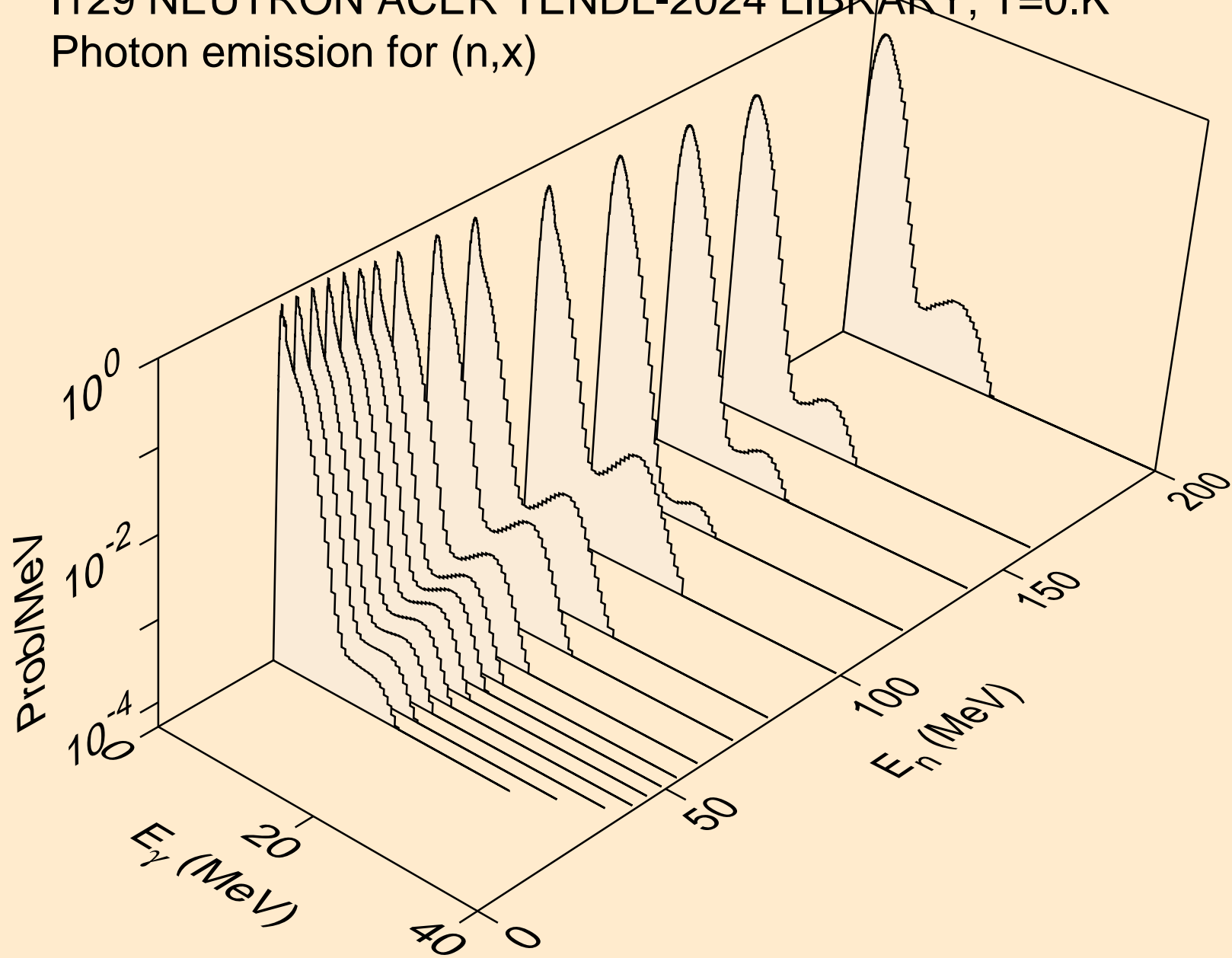
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



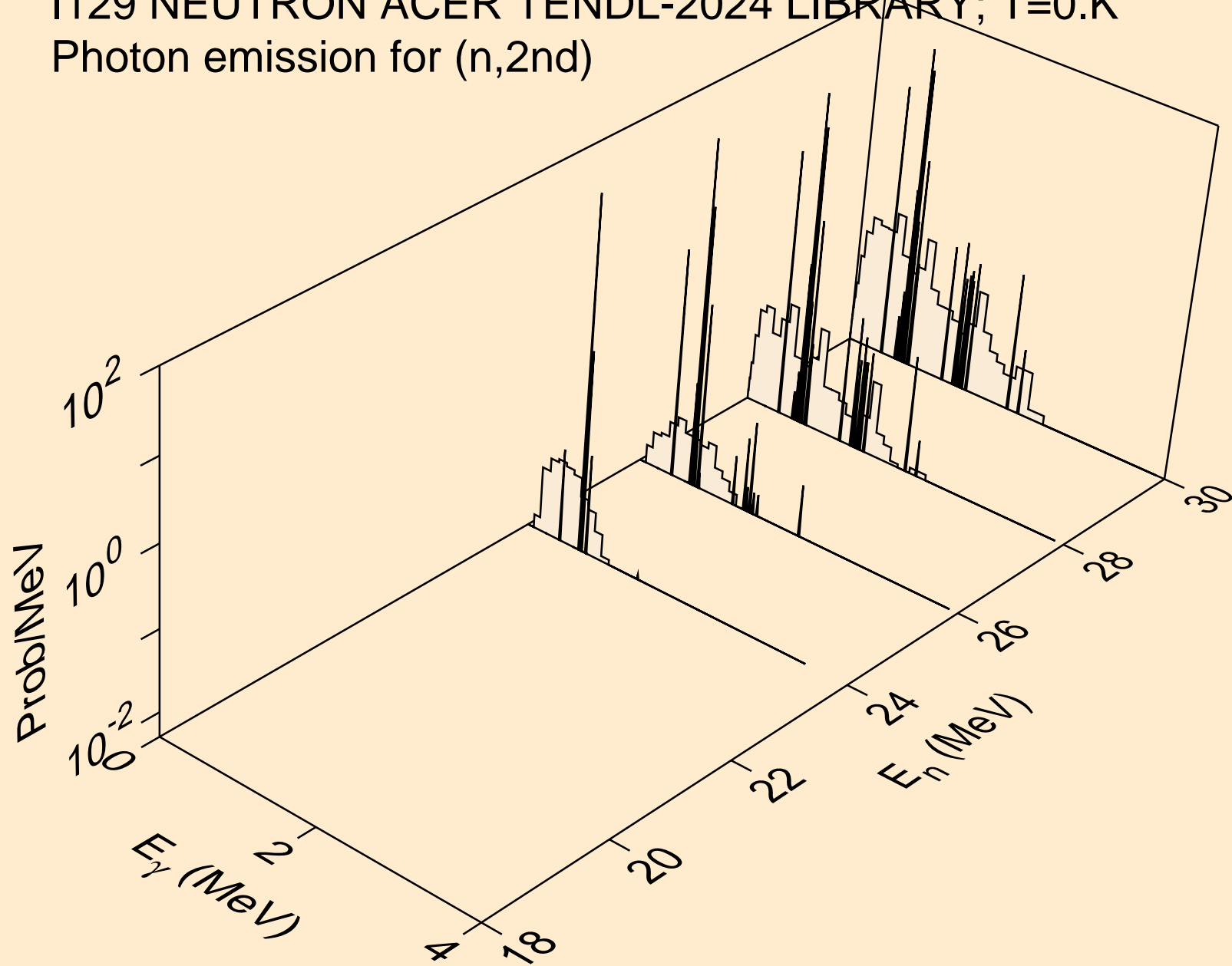
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



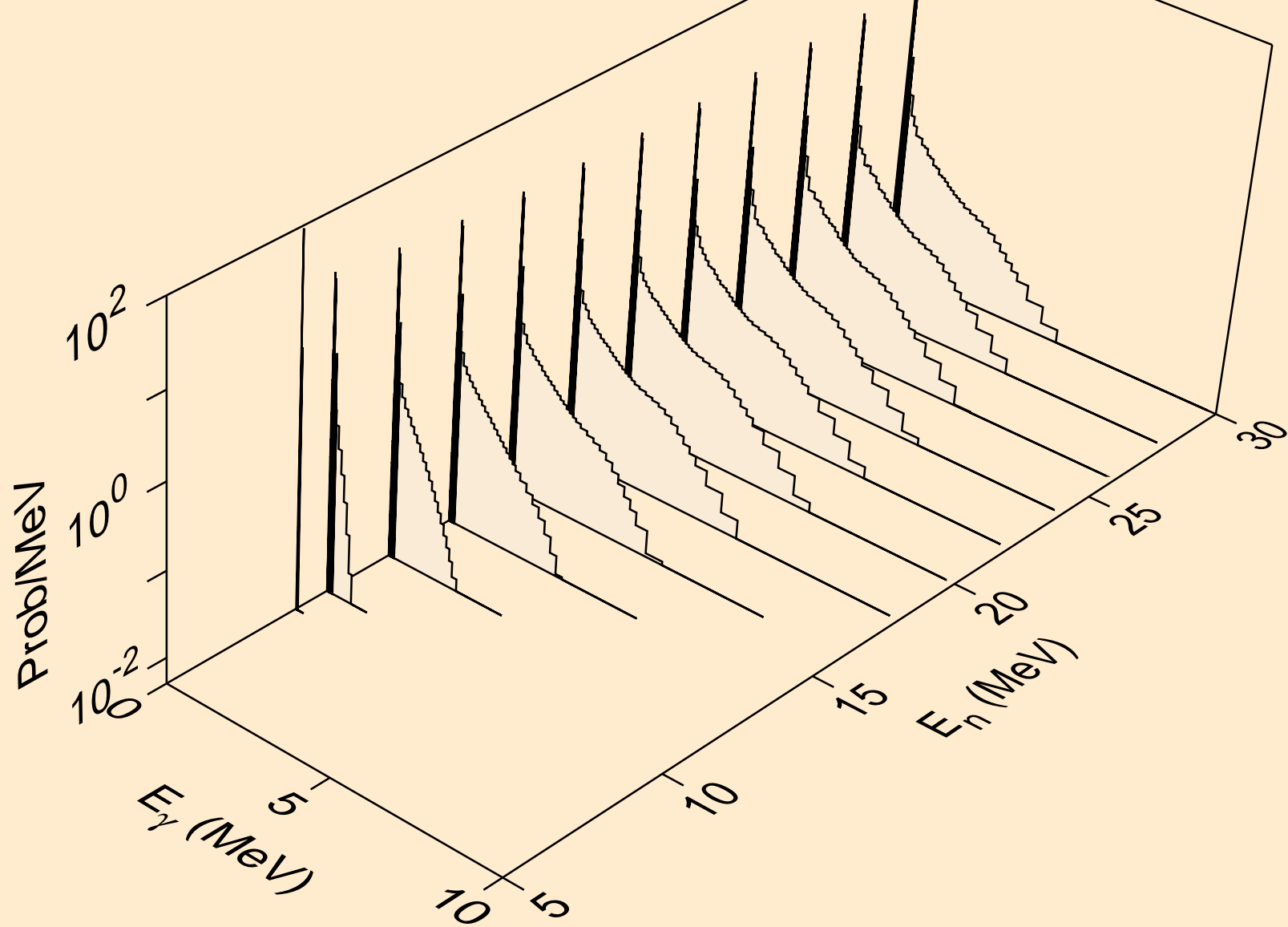
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



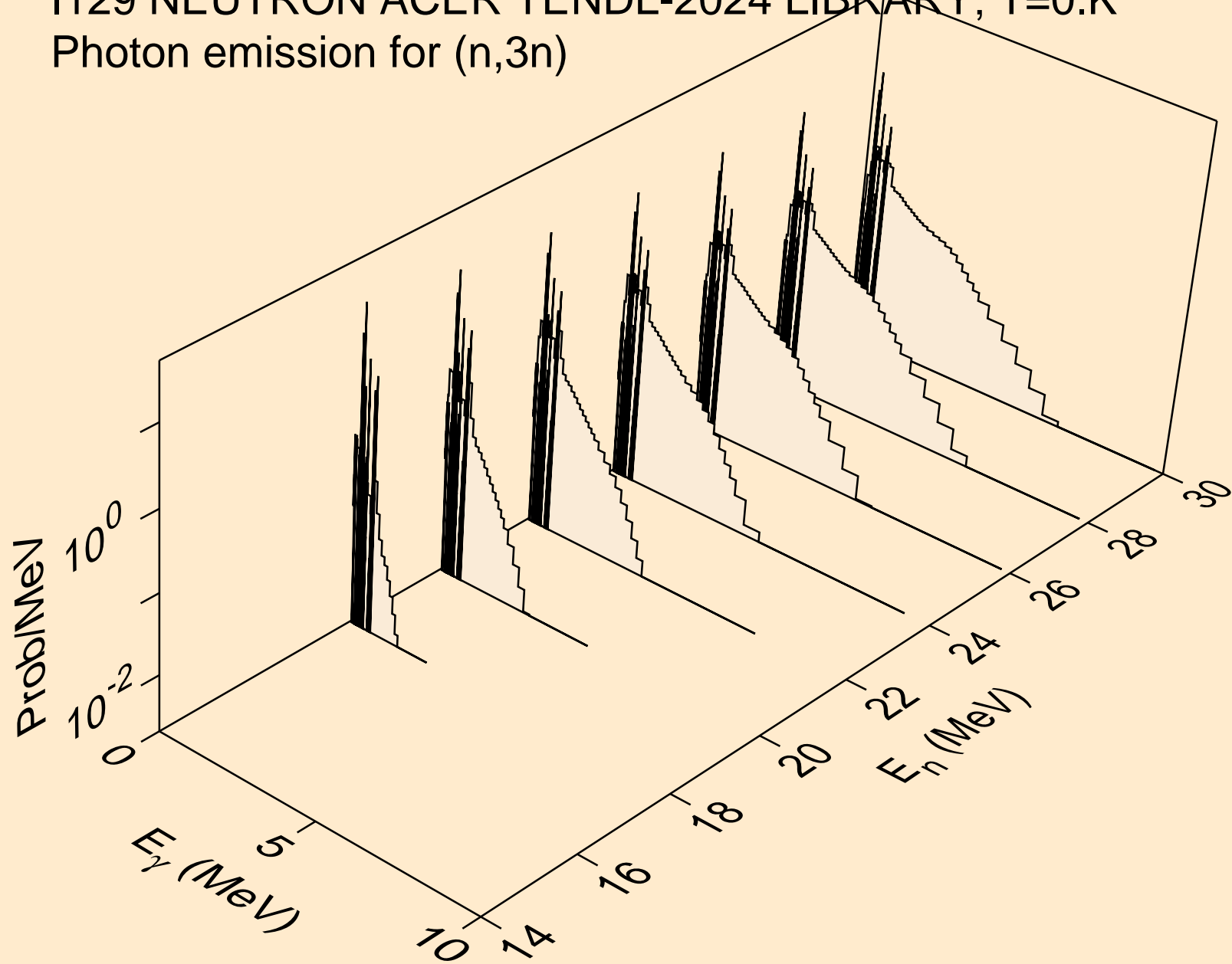
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



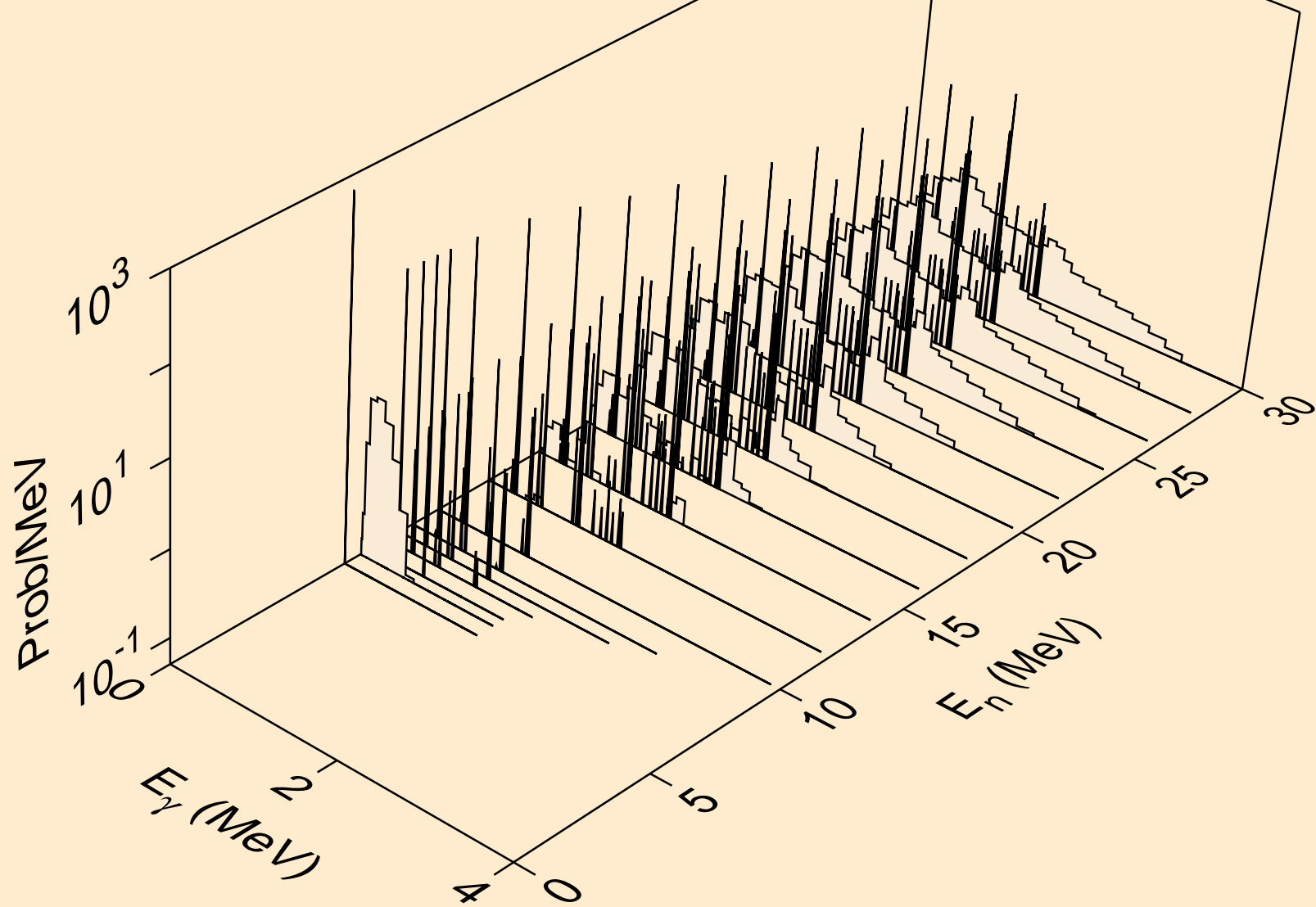
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

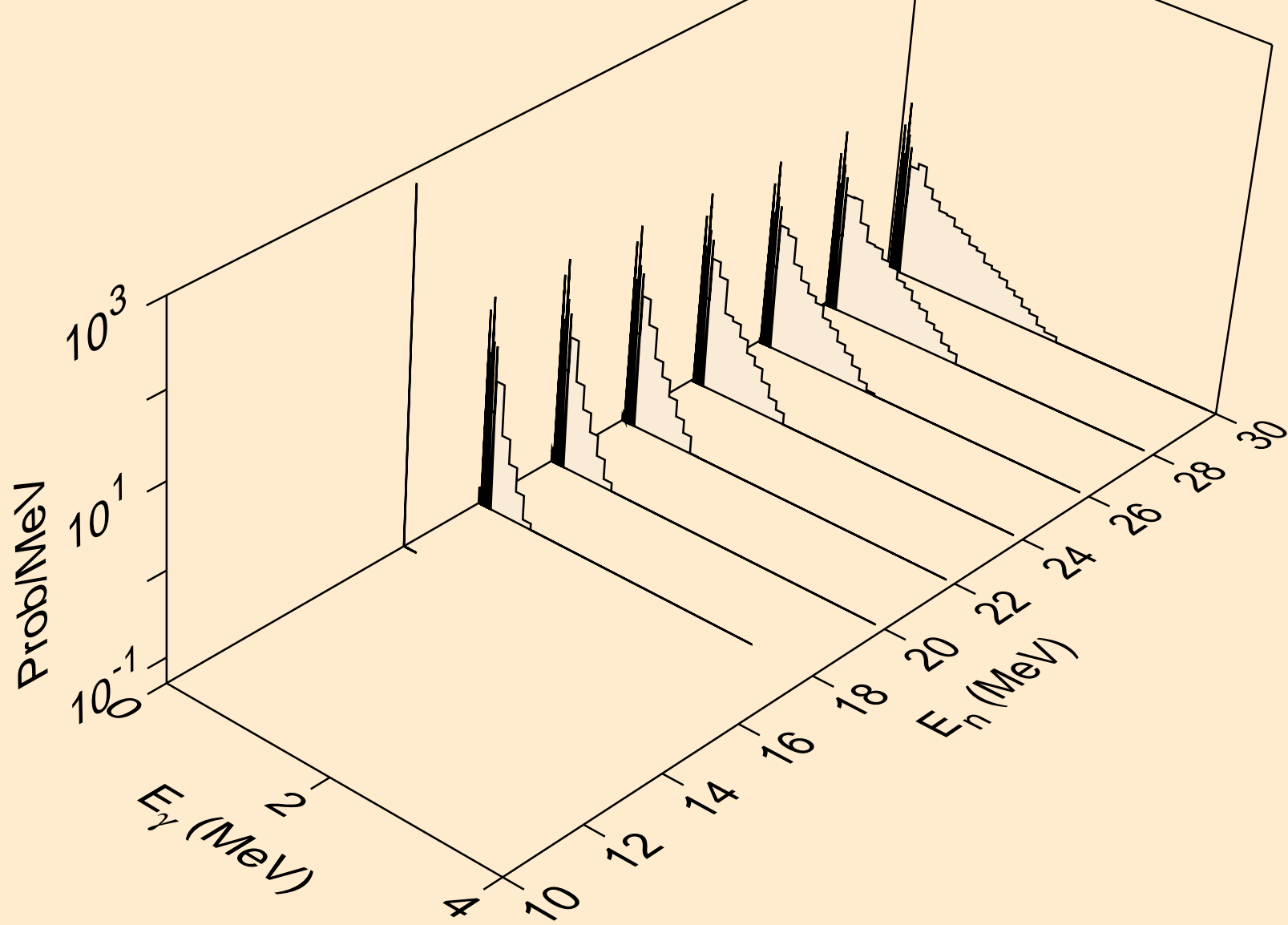


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

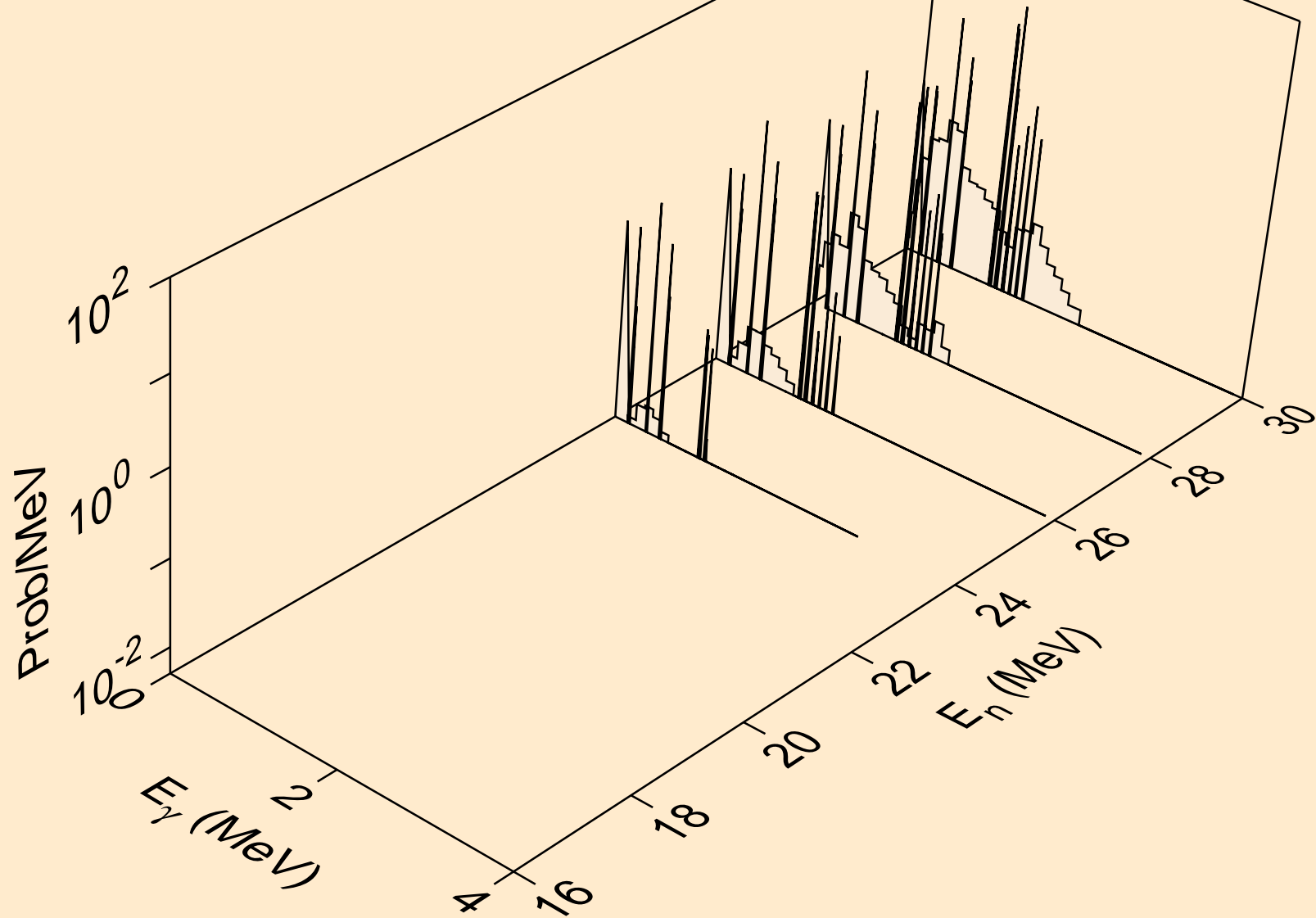




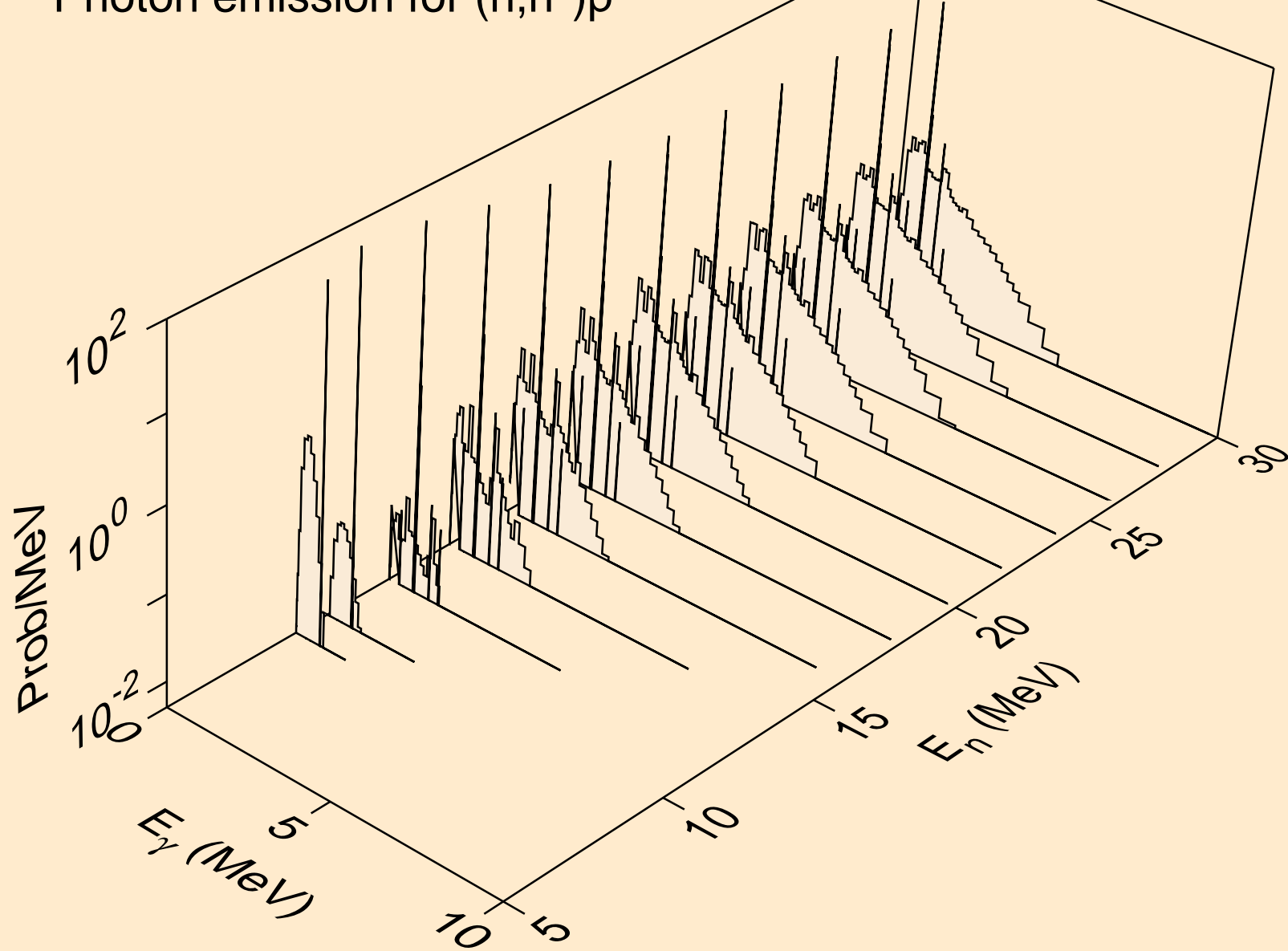
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



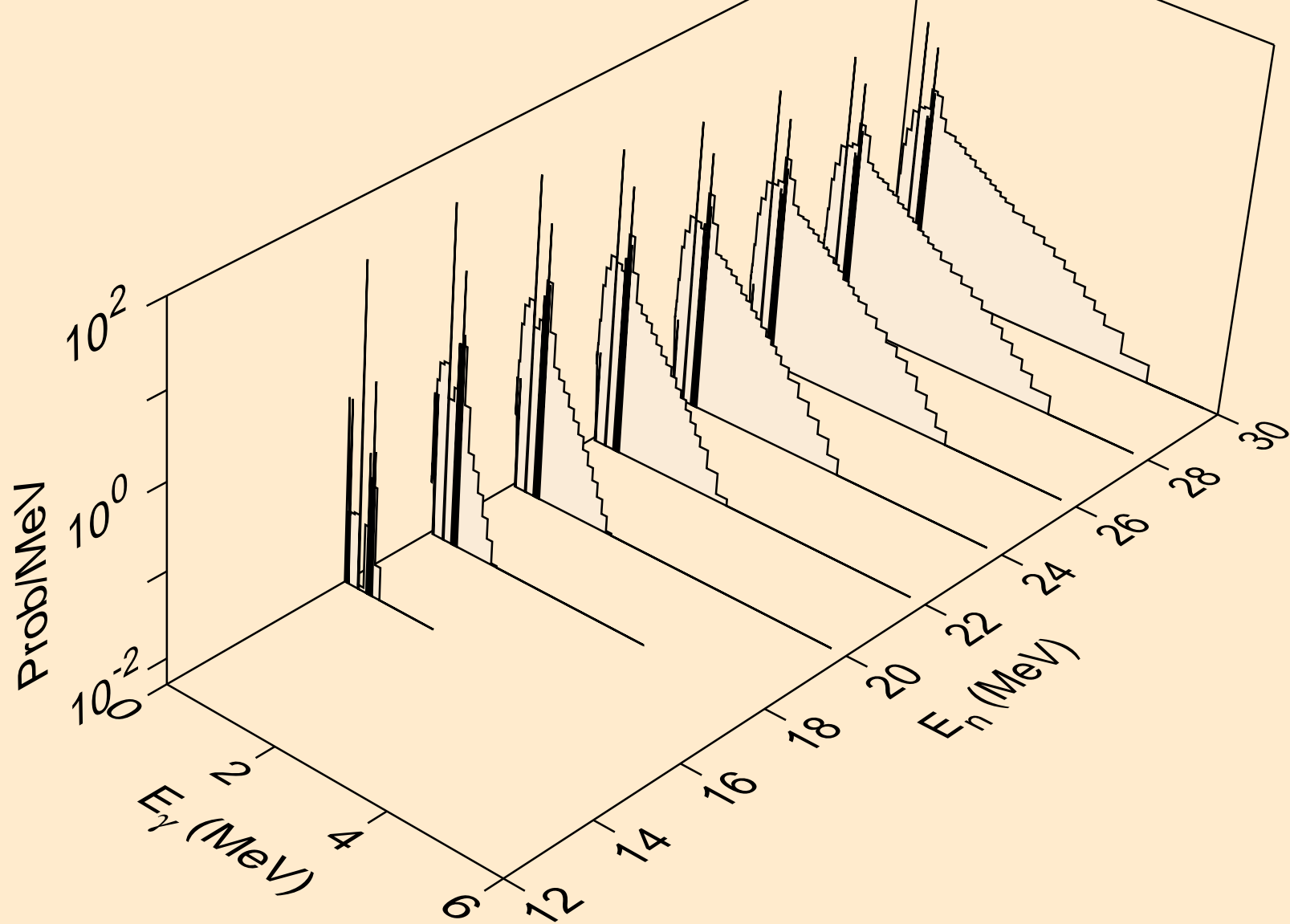
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



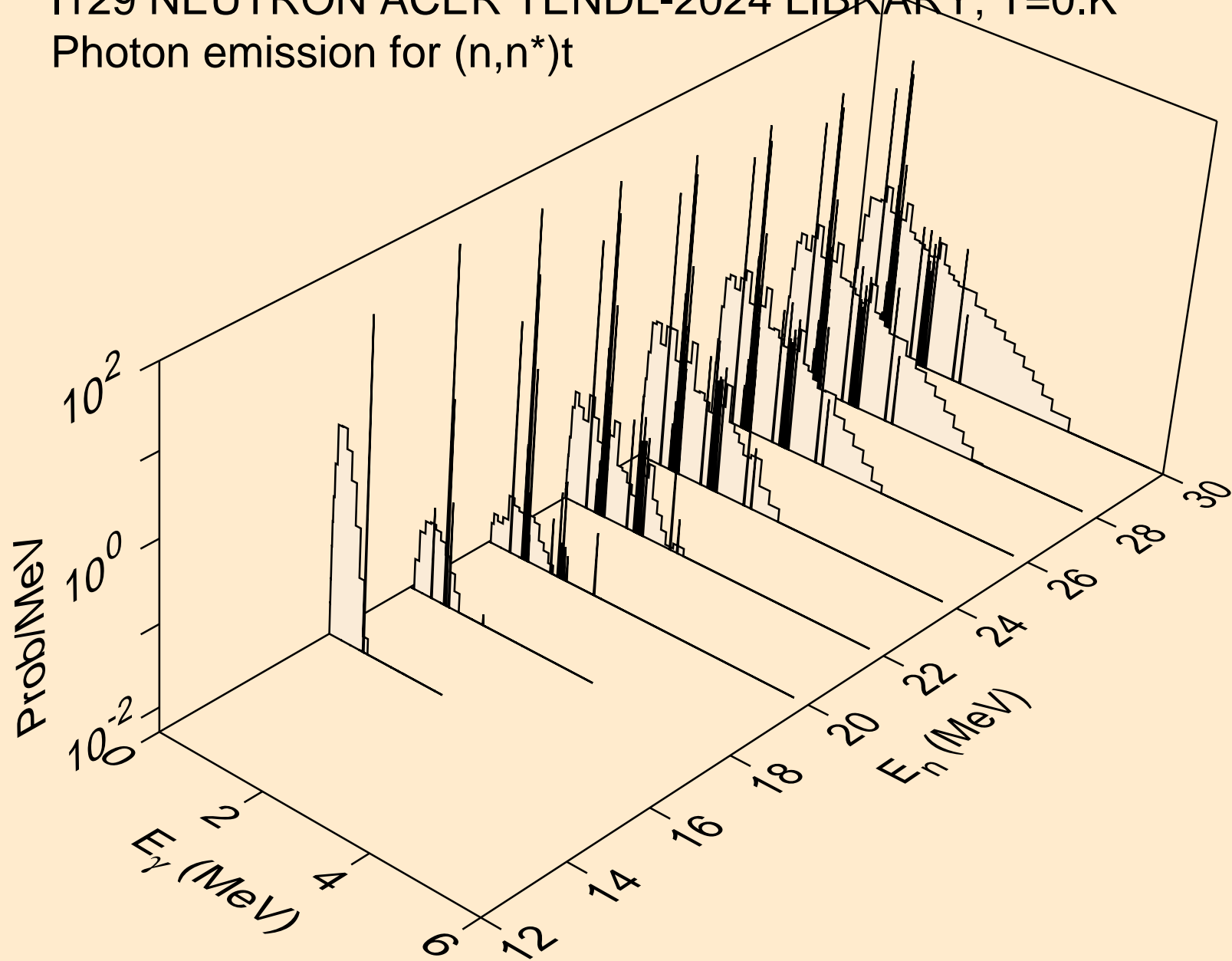
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



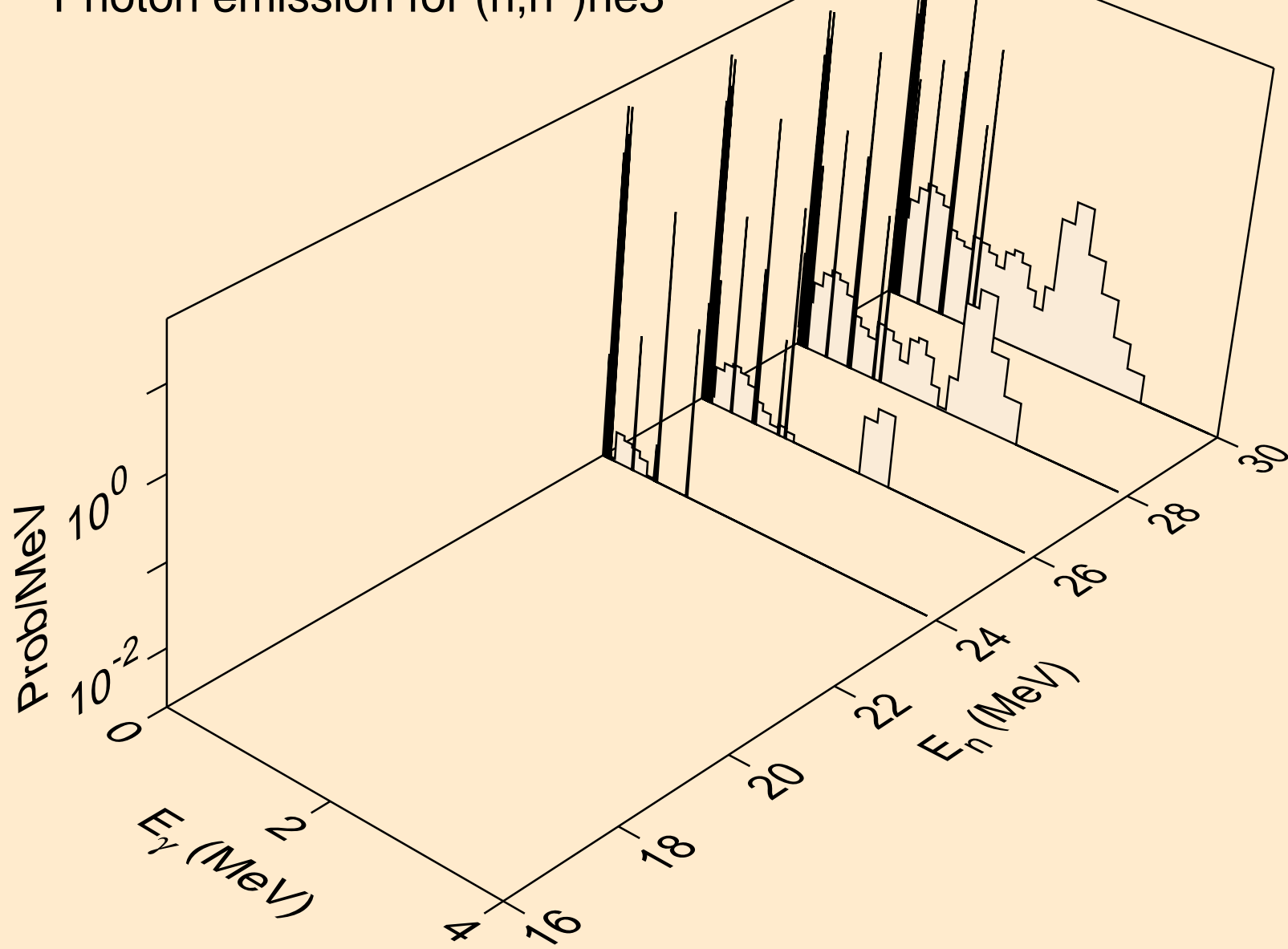
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



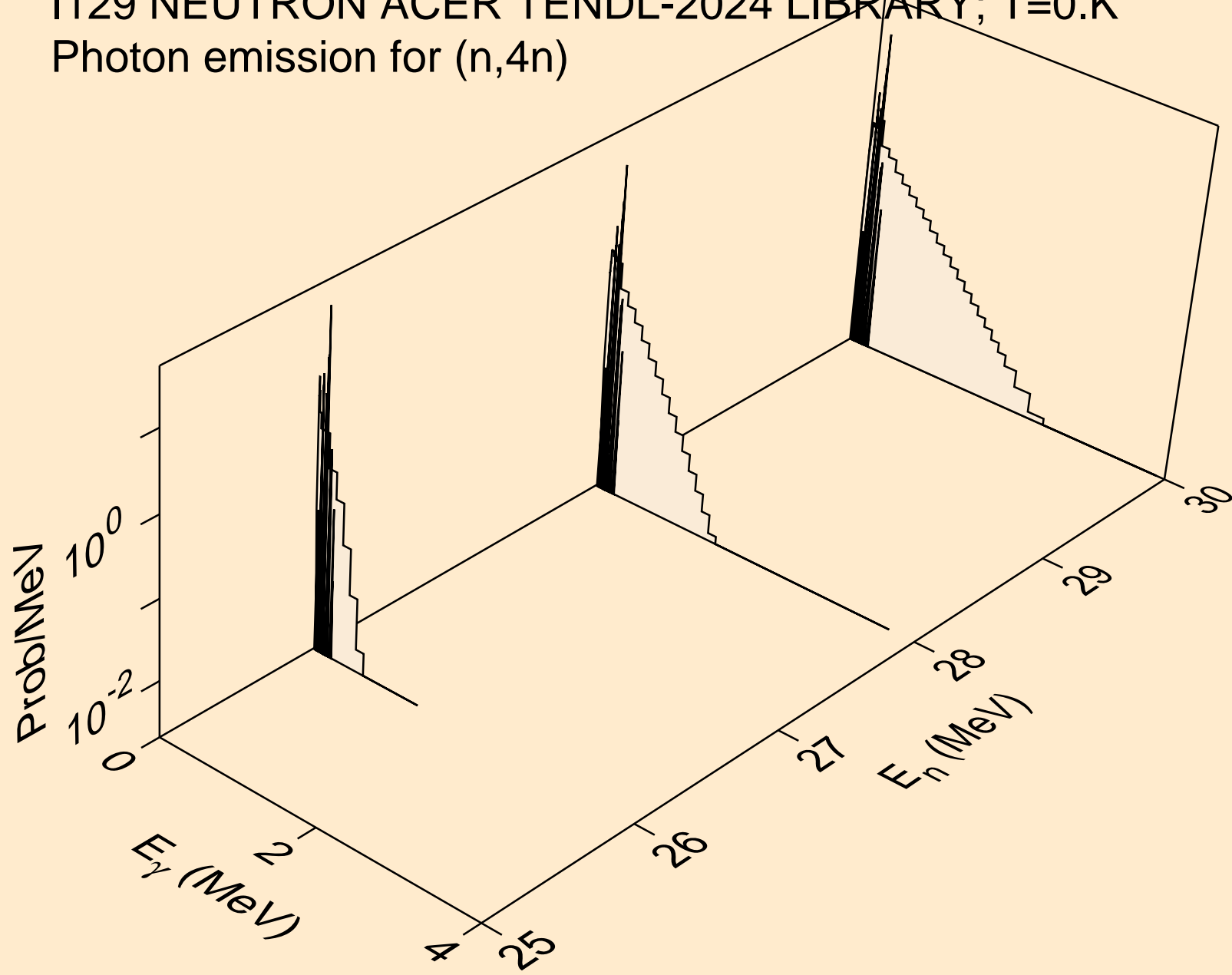
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



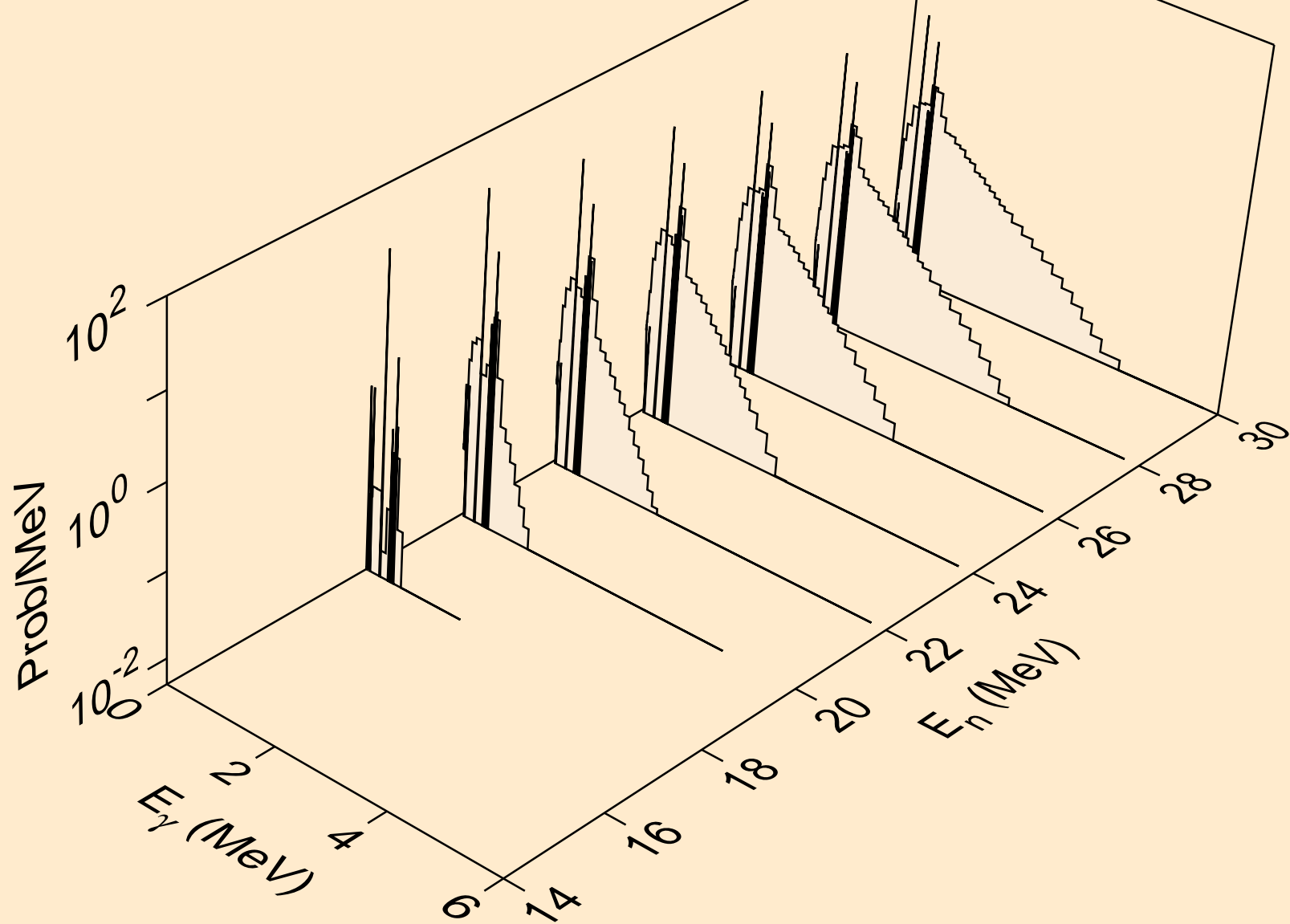
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

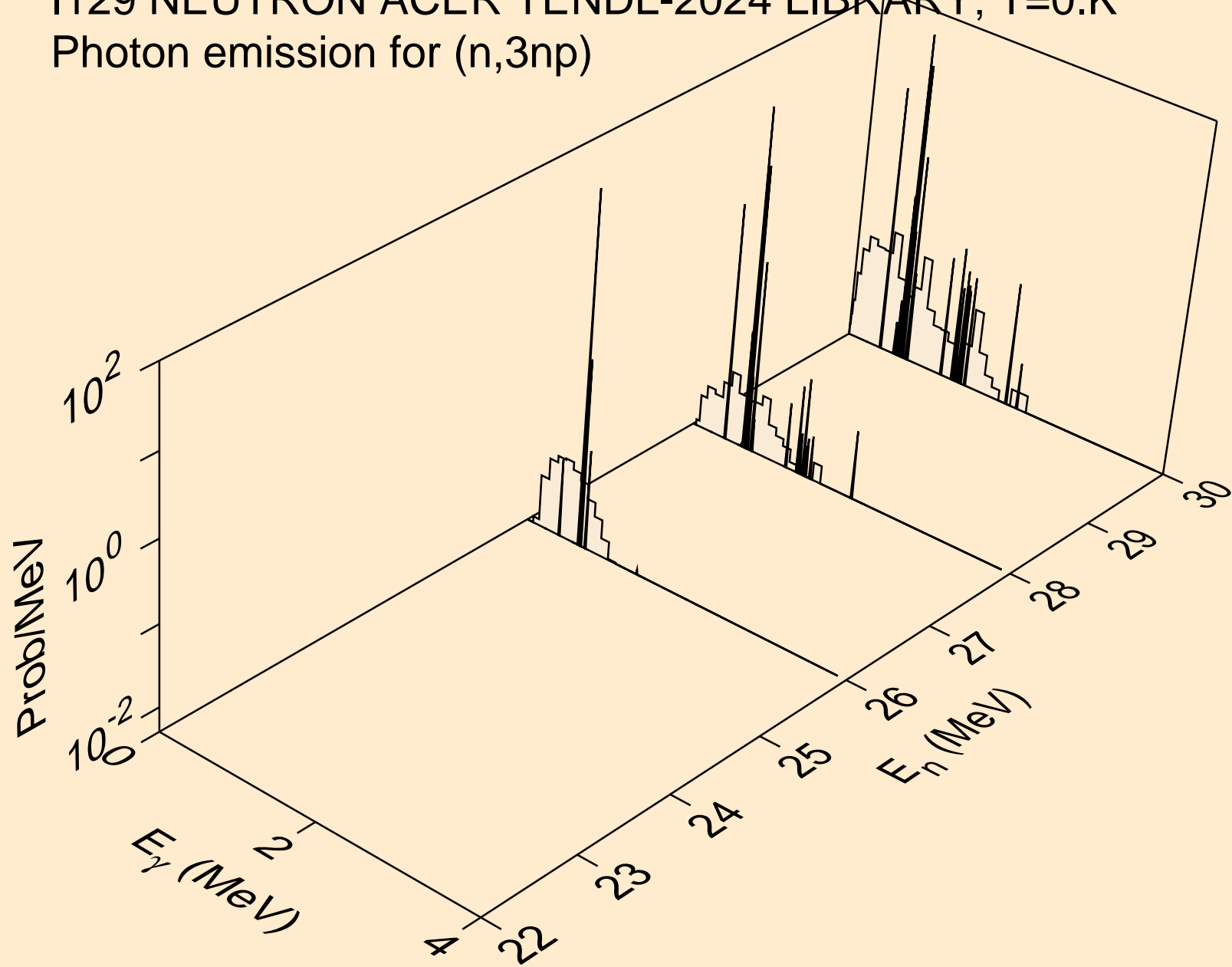


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

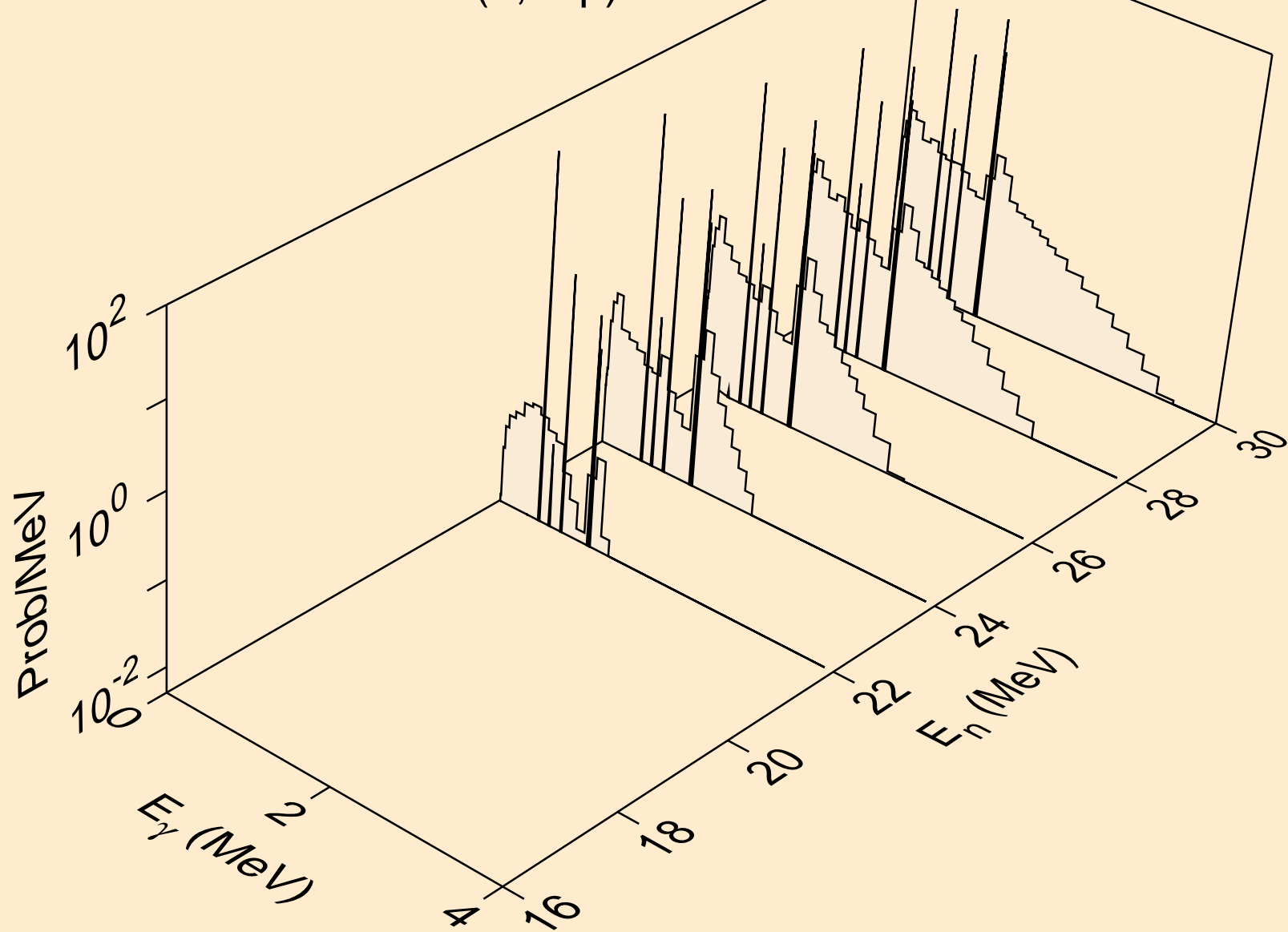




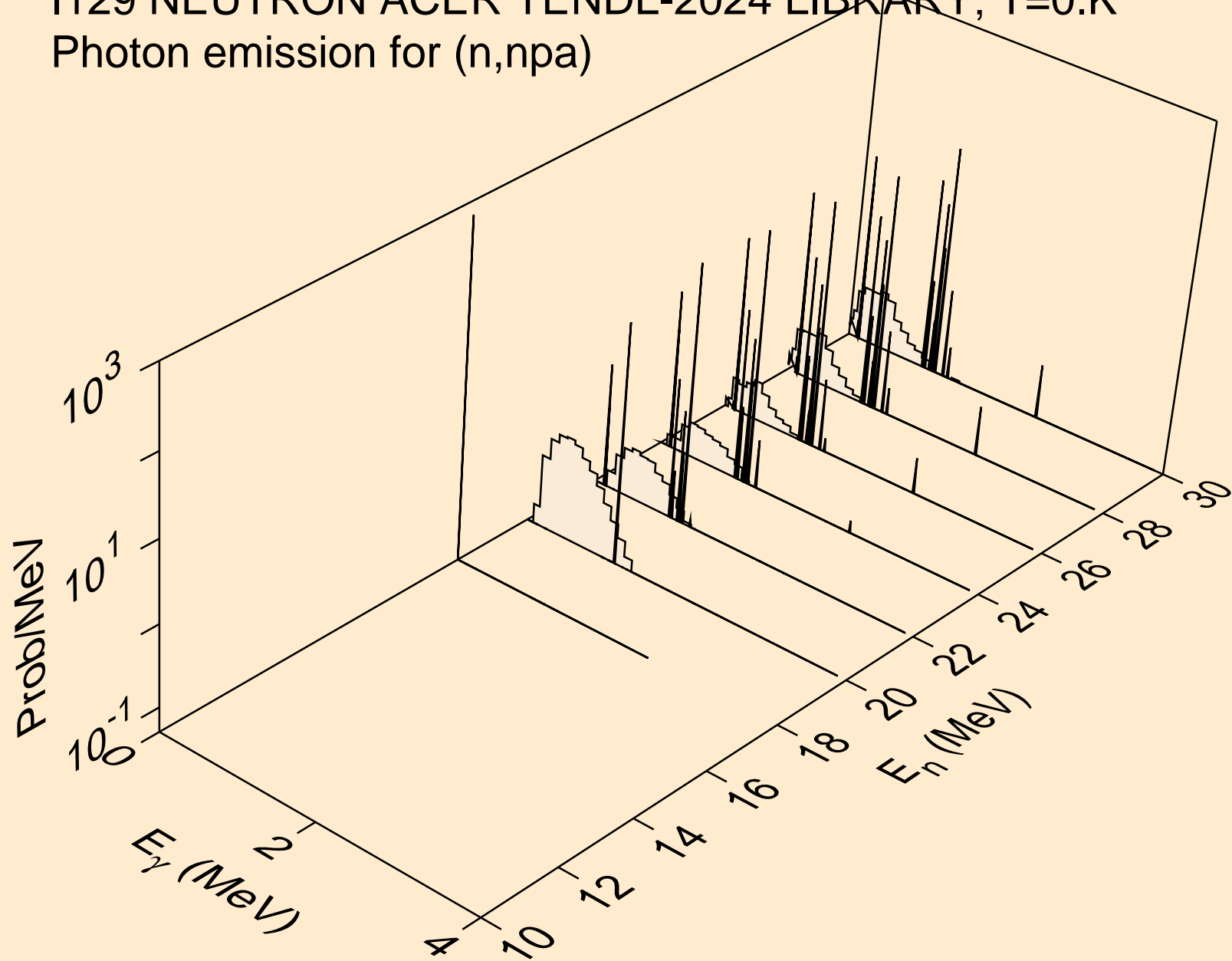
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Photon emission for (n,3np)



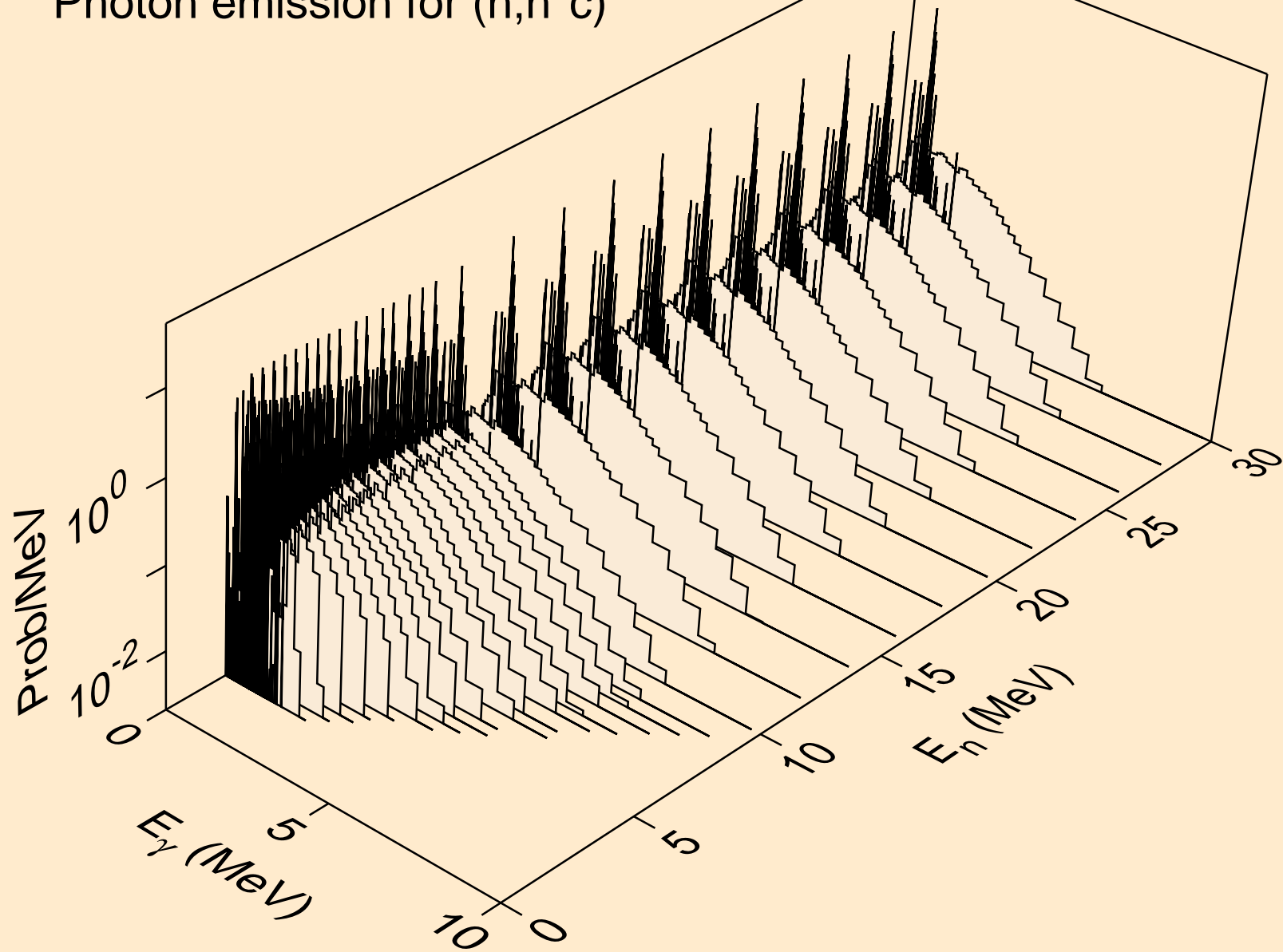
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Photon emission for (n,n2p)



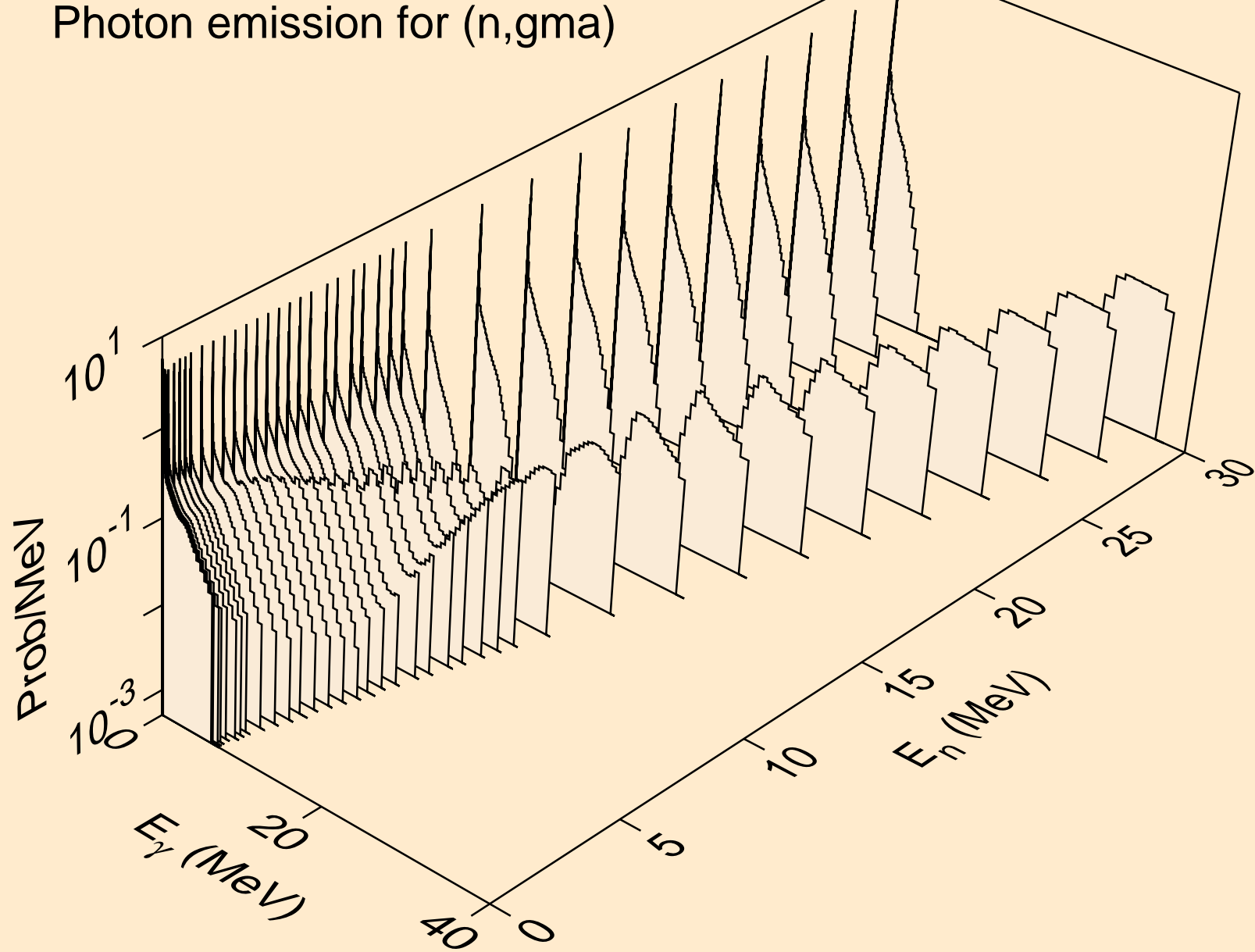
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Photon emission for (n,npa)



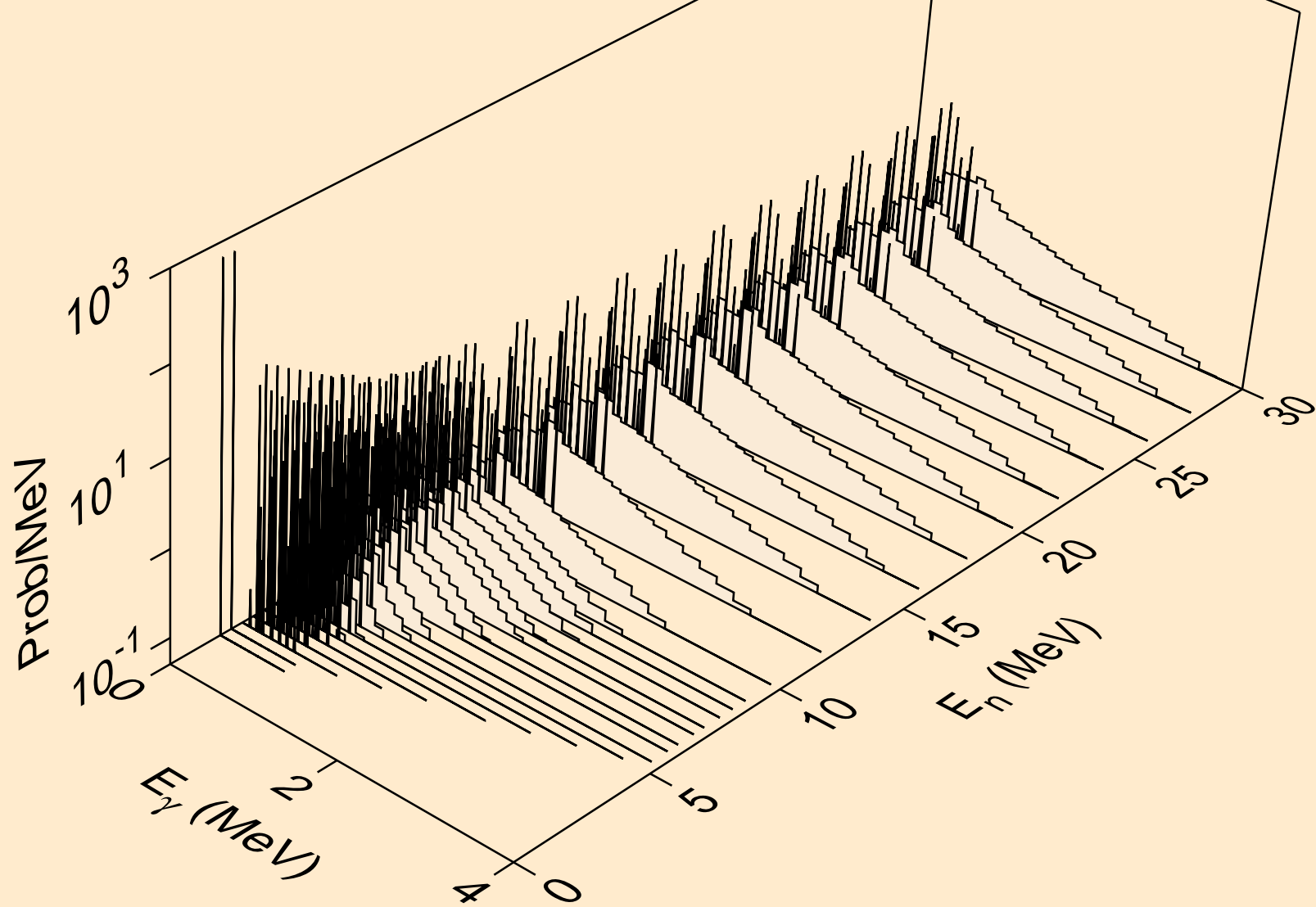
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



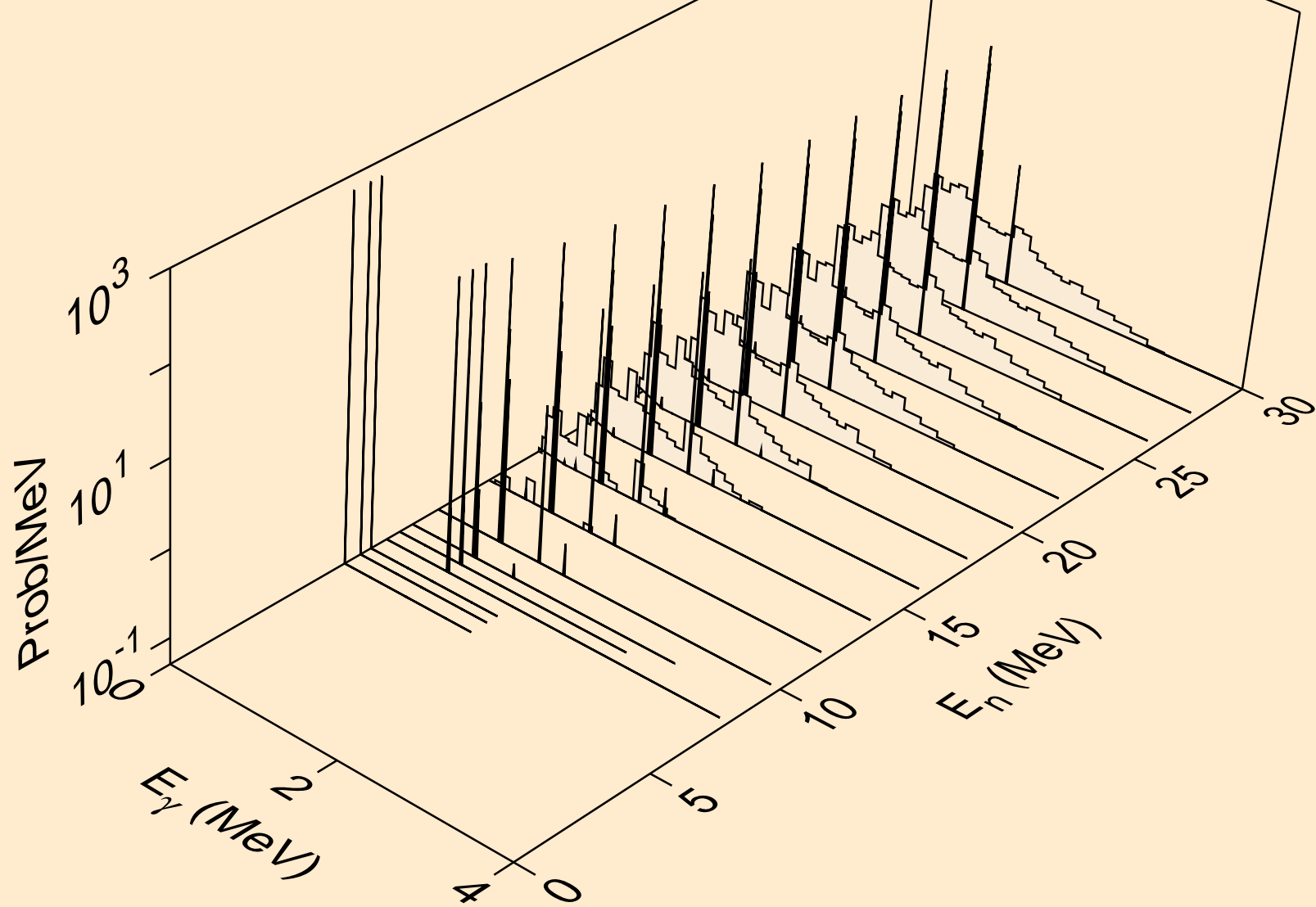
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



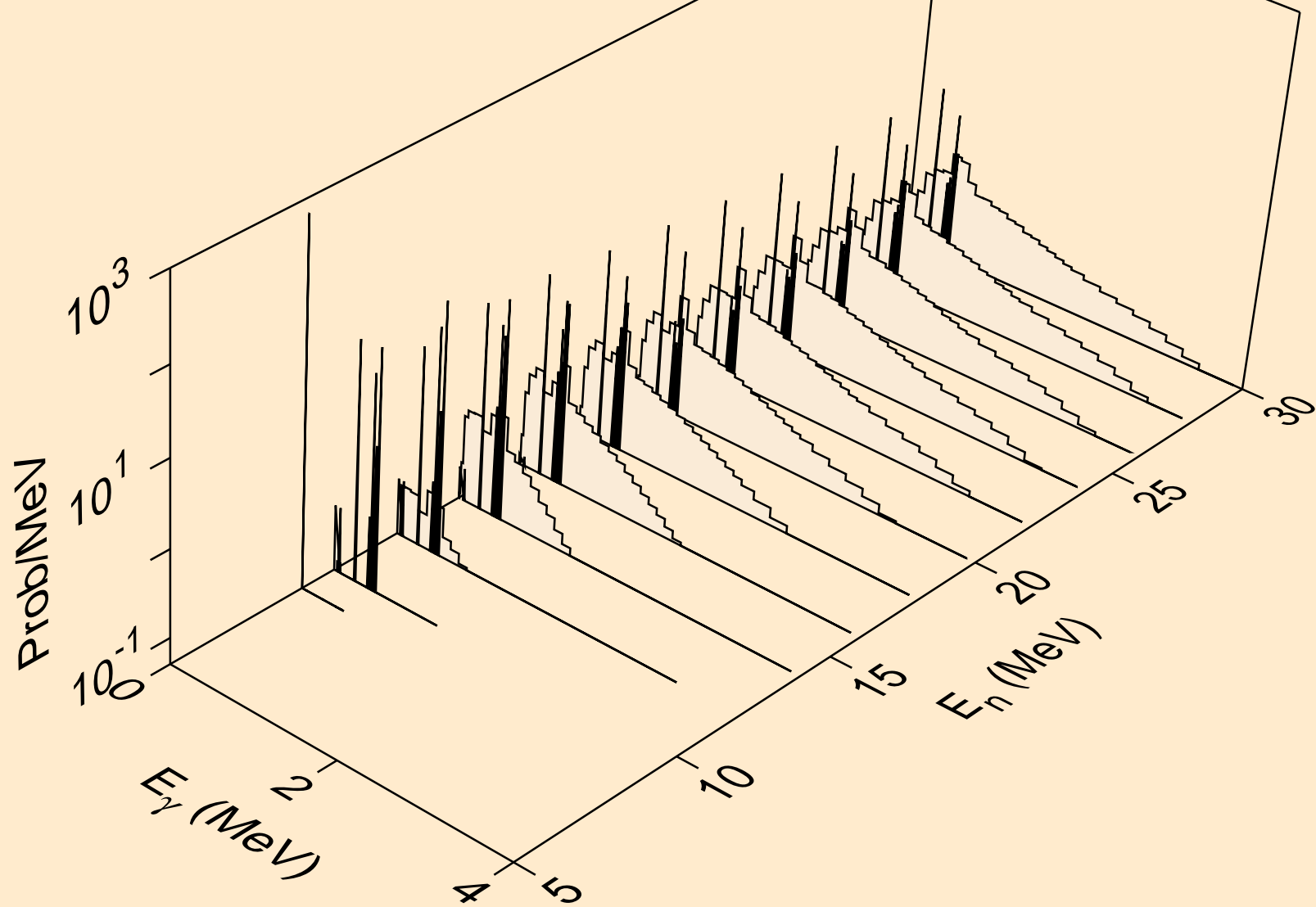
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

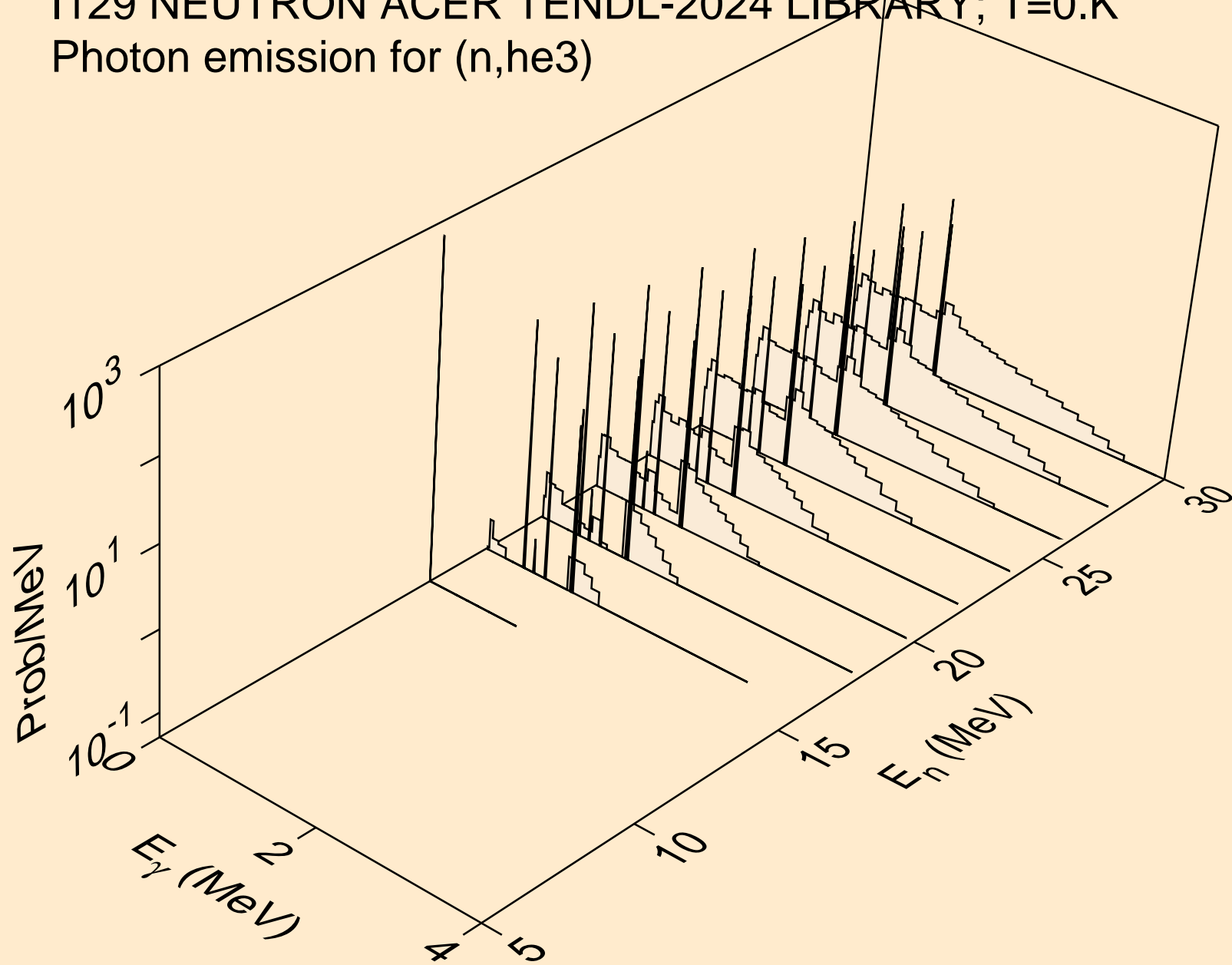


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

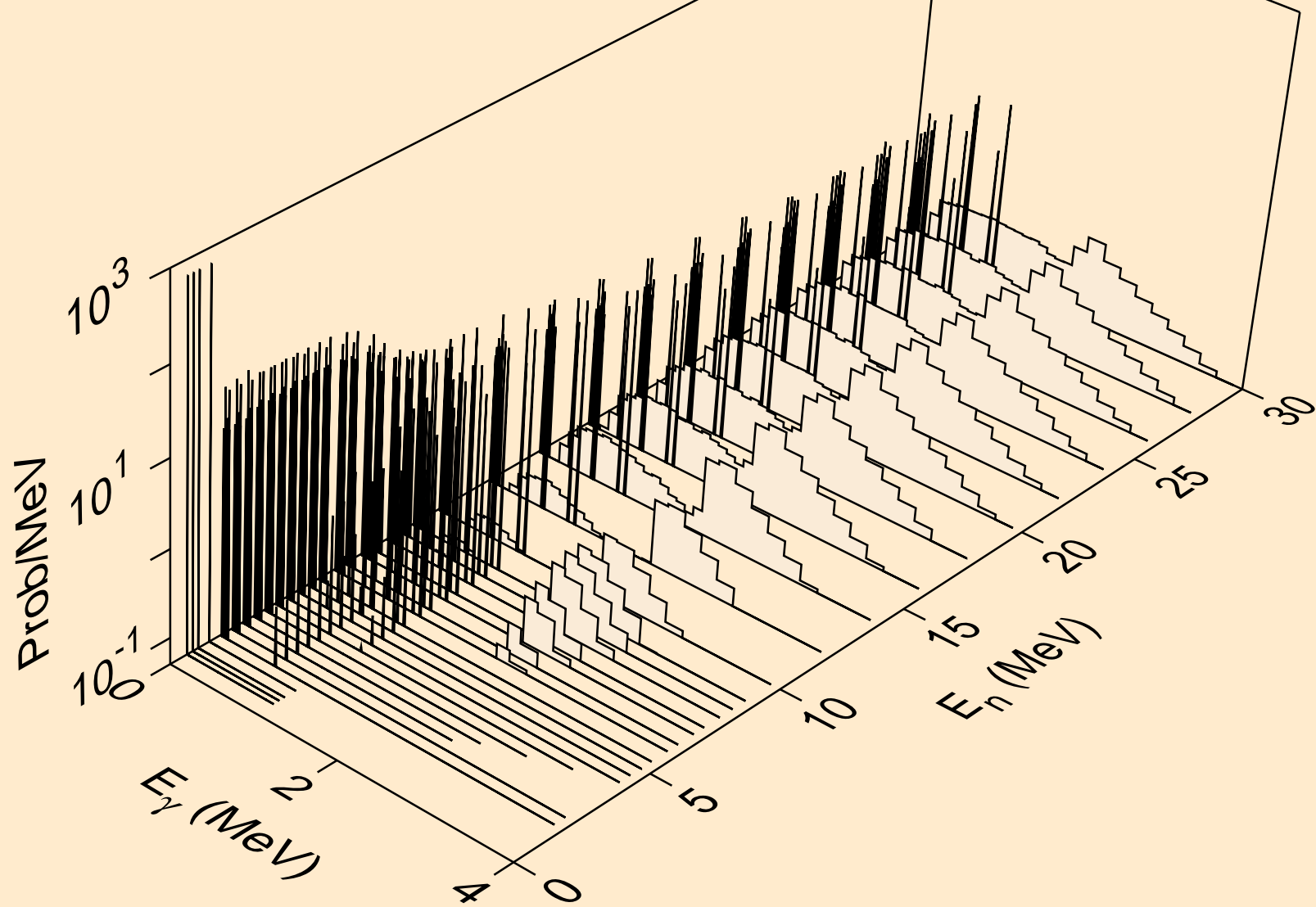




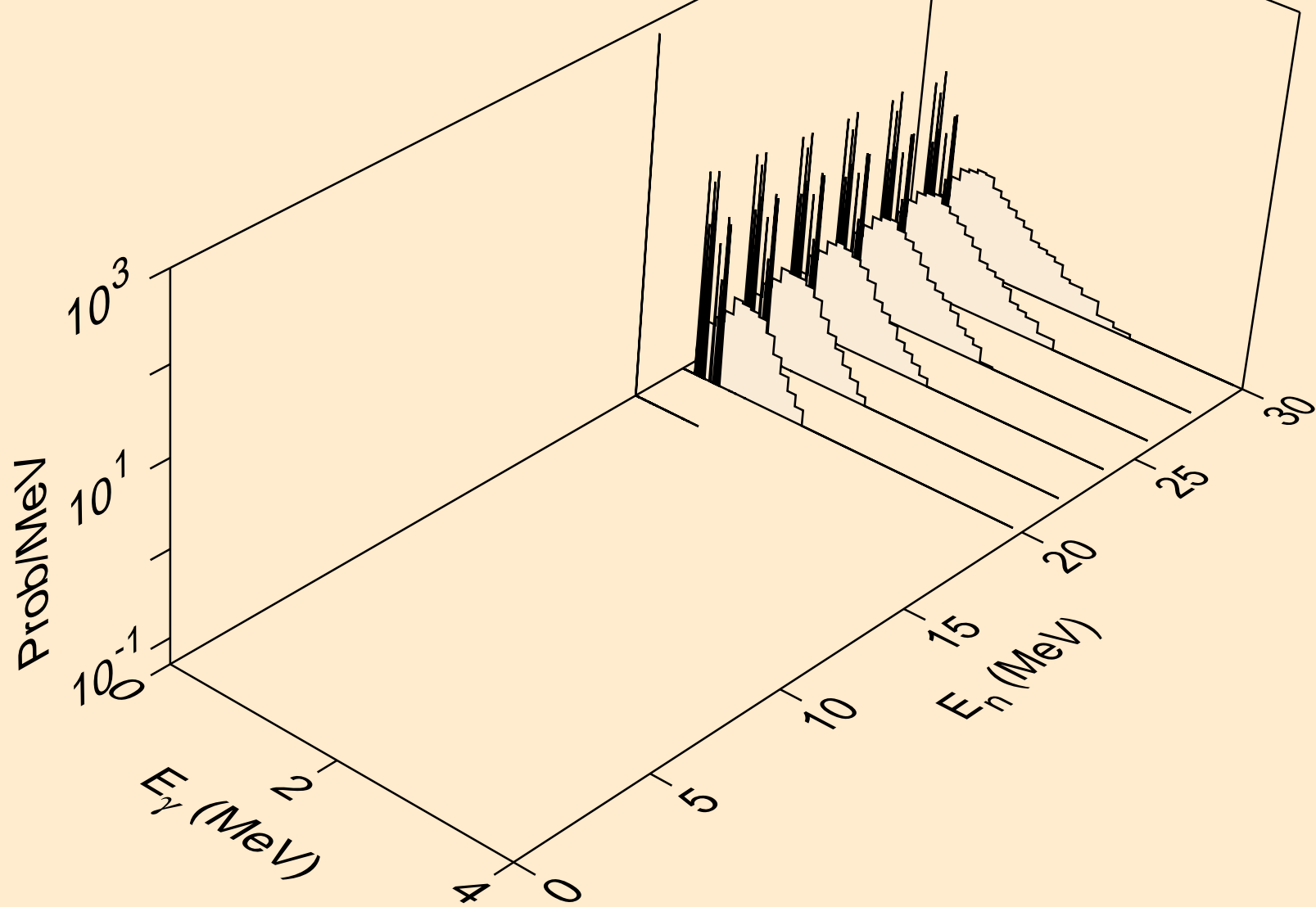
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Photon emission for (n,he3)



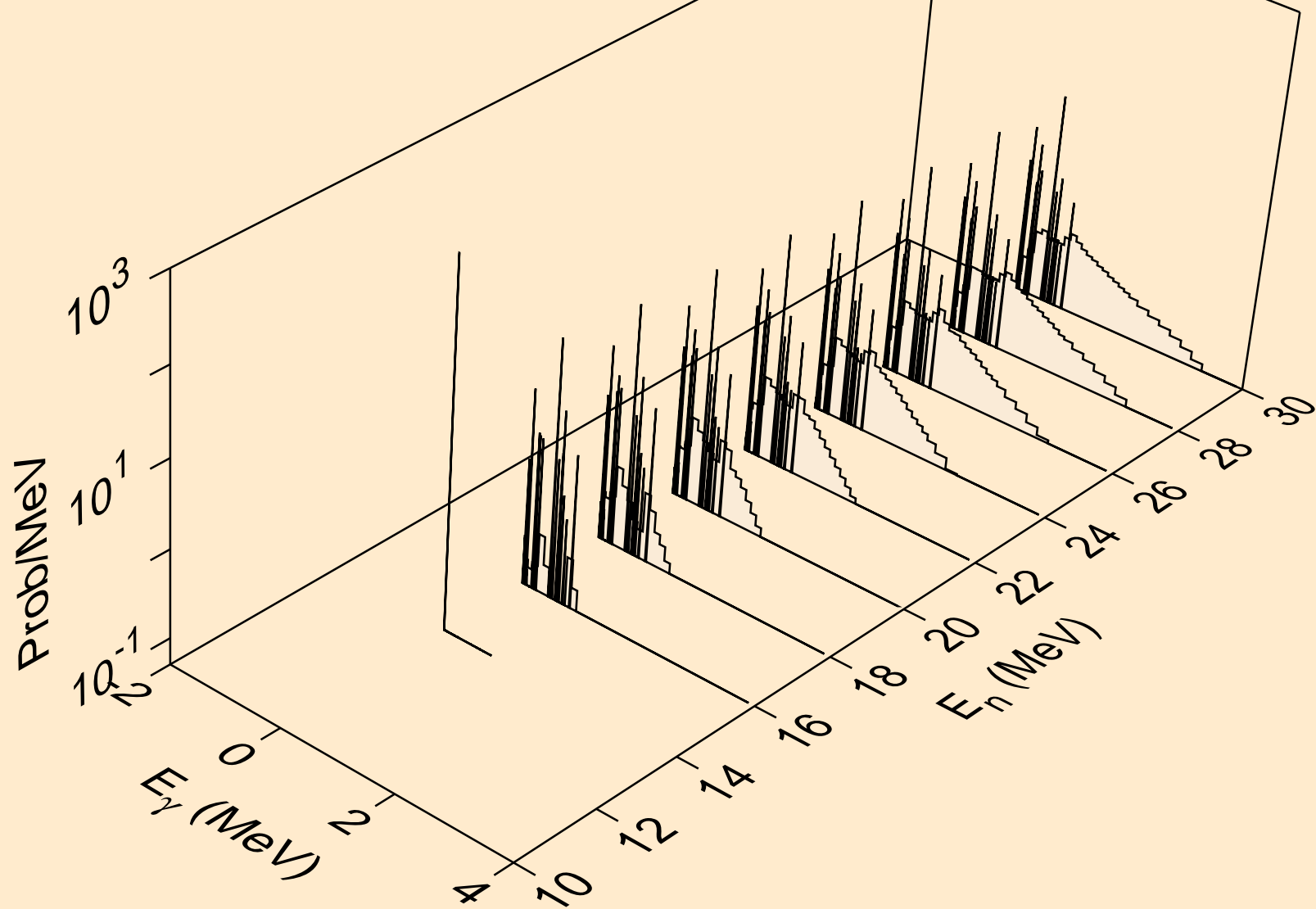
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Photon emission for (n,a)



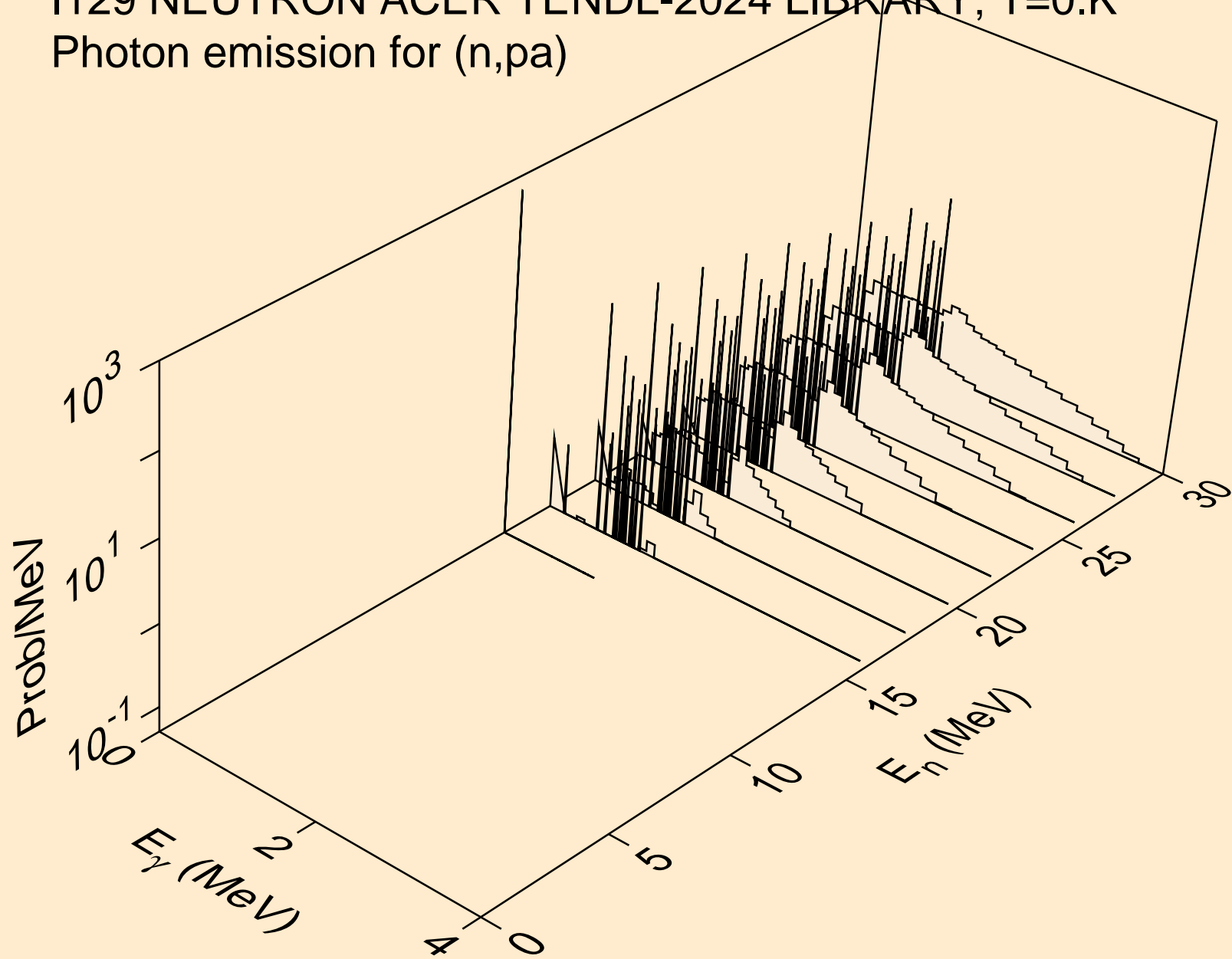
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



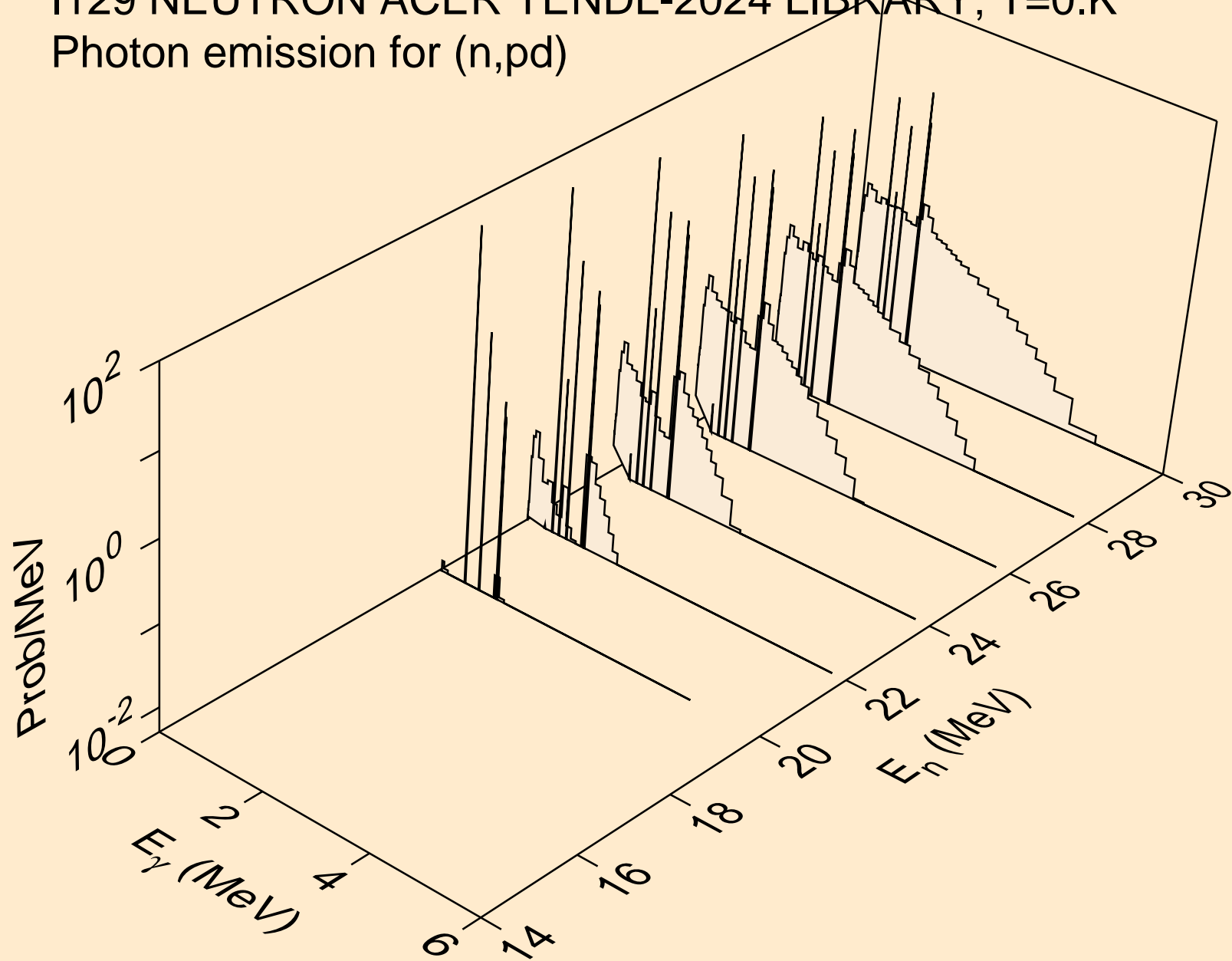
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Photon emission for (n,2p)



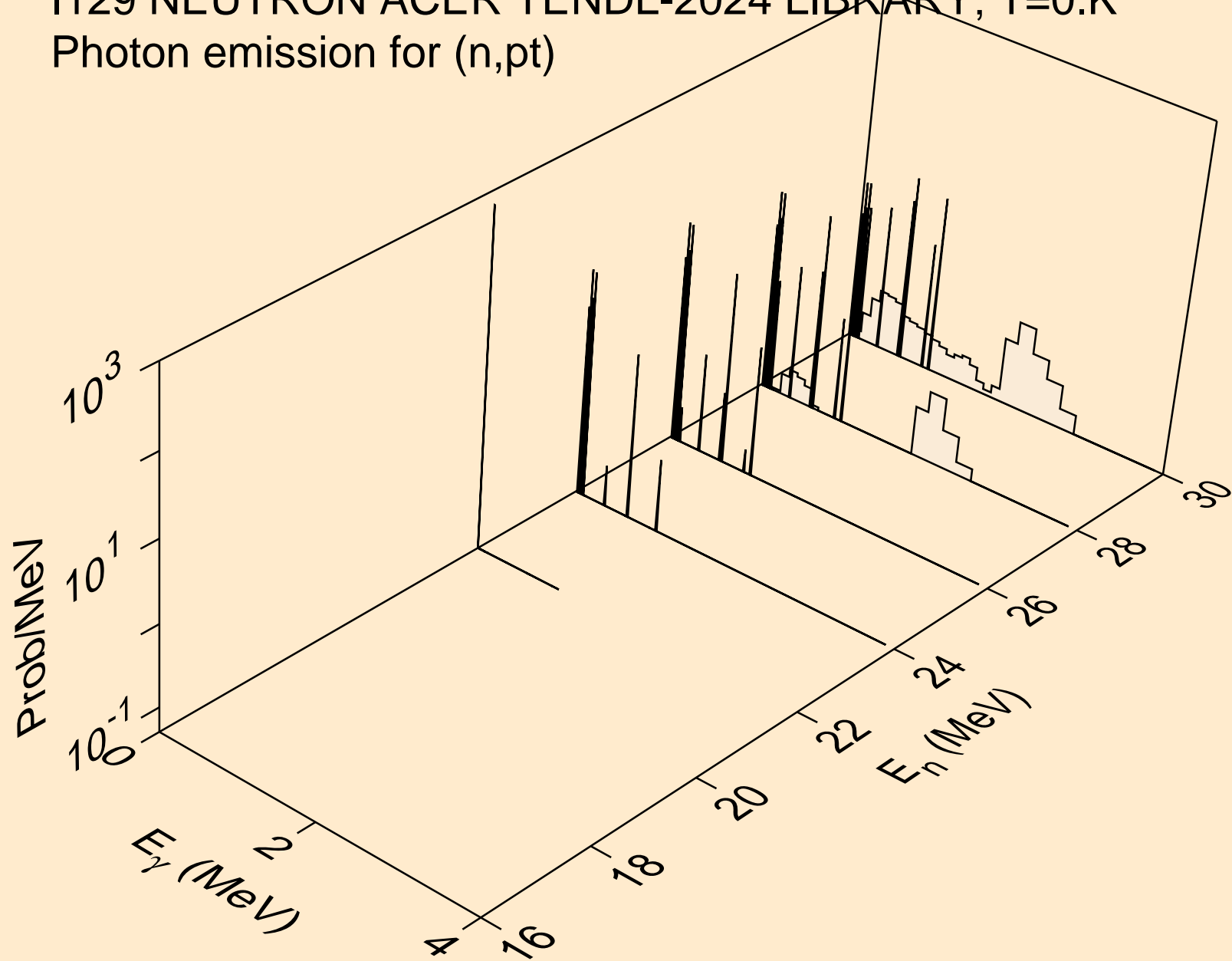
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Photon emission for (n,p $\alpha$ )



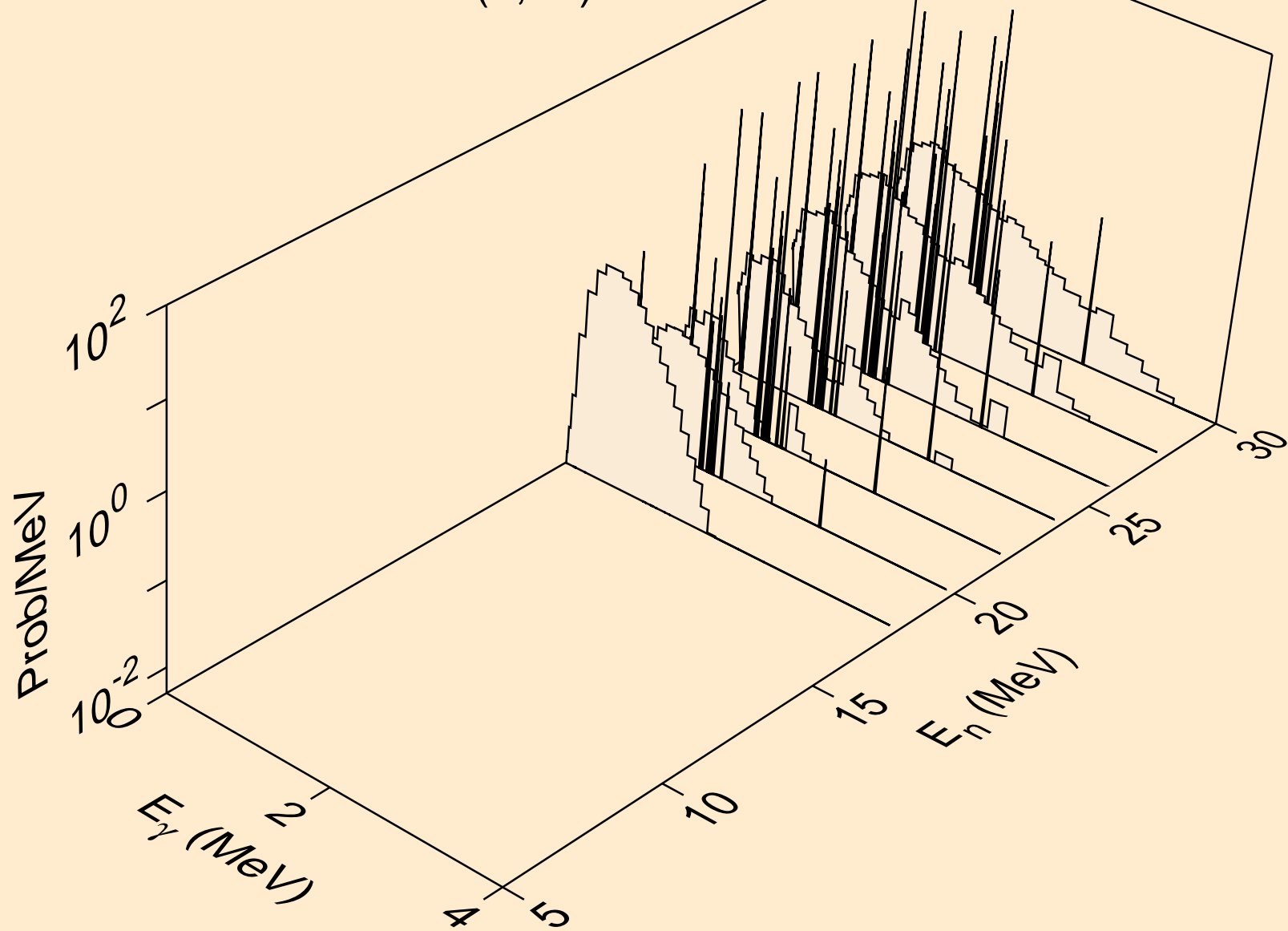
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

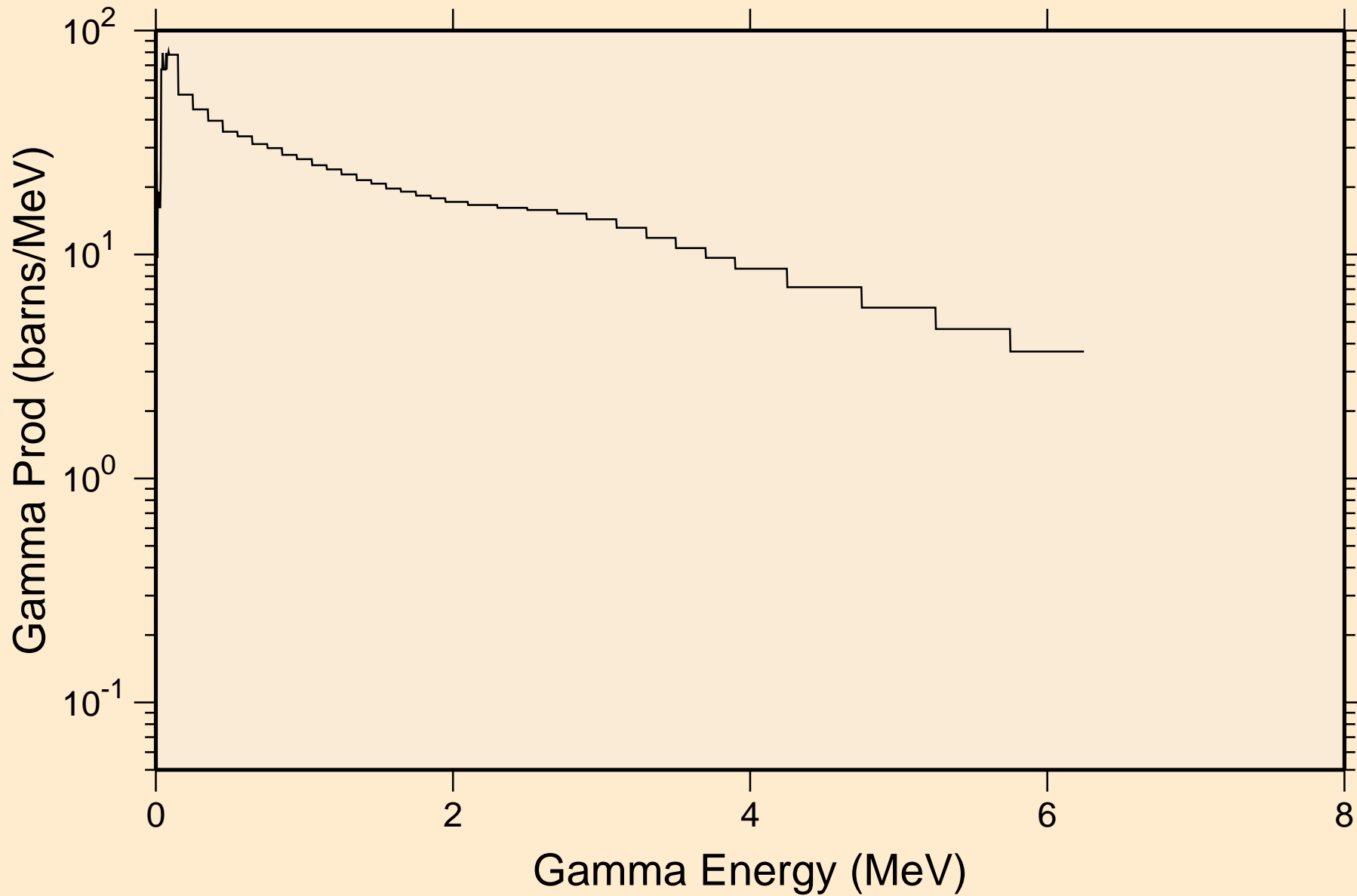


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)

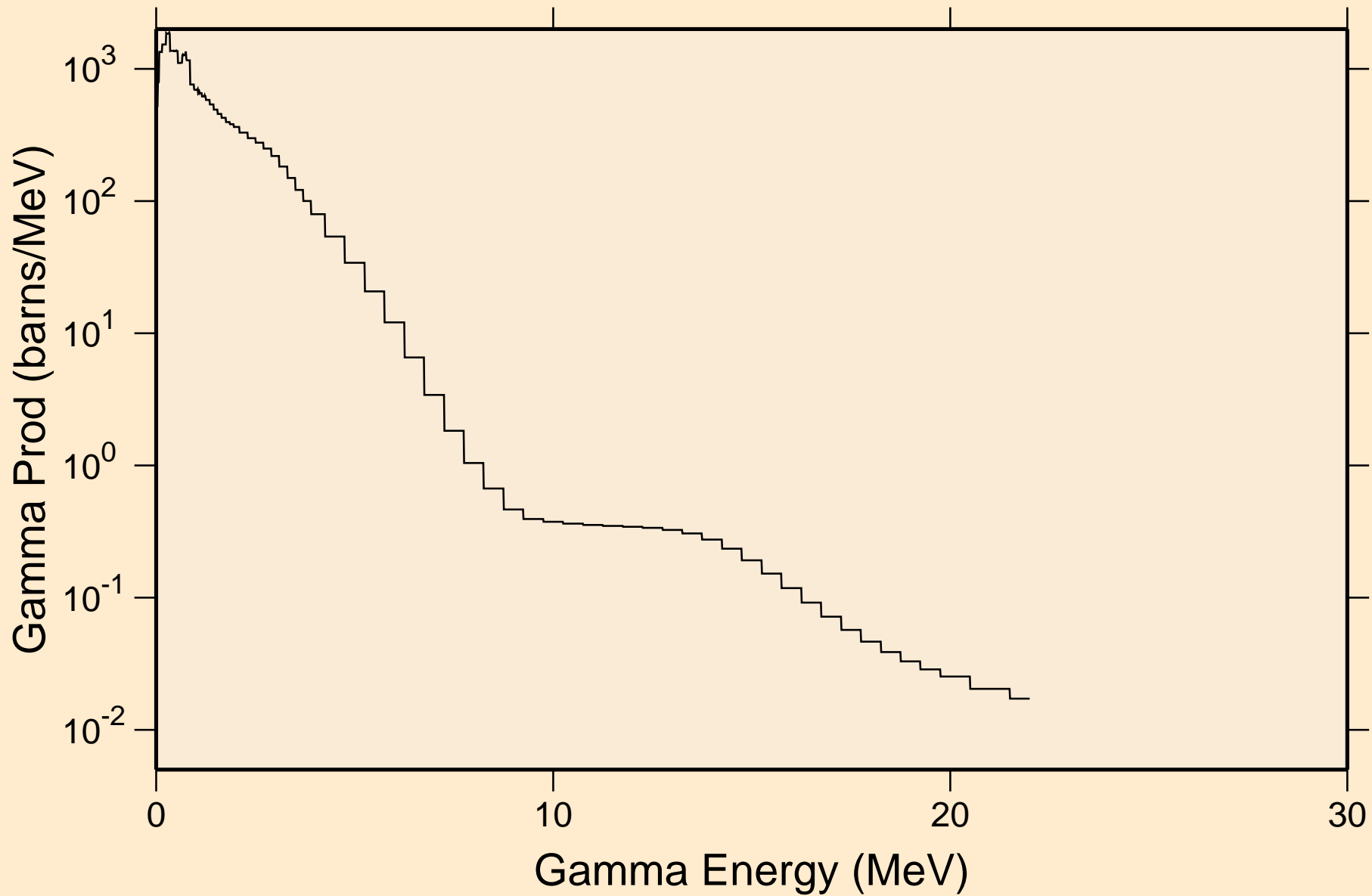




I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

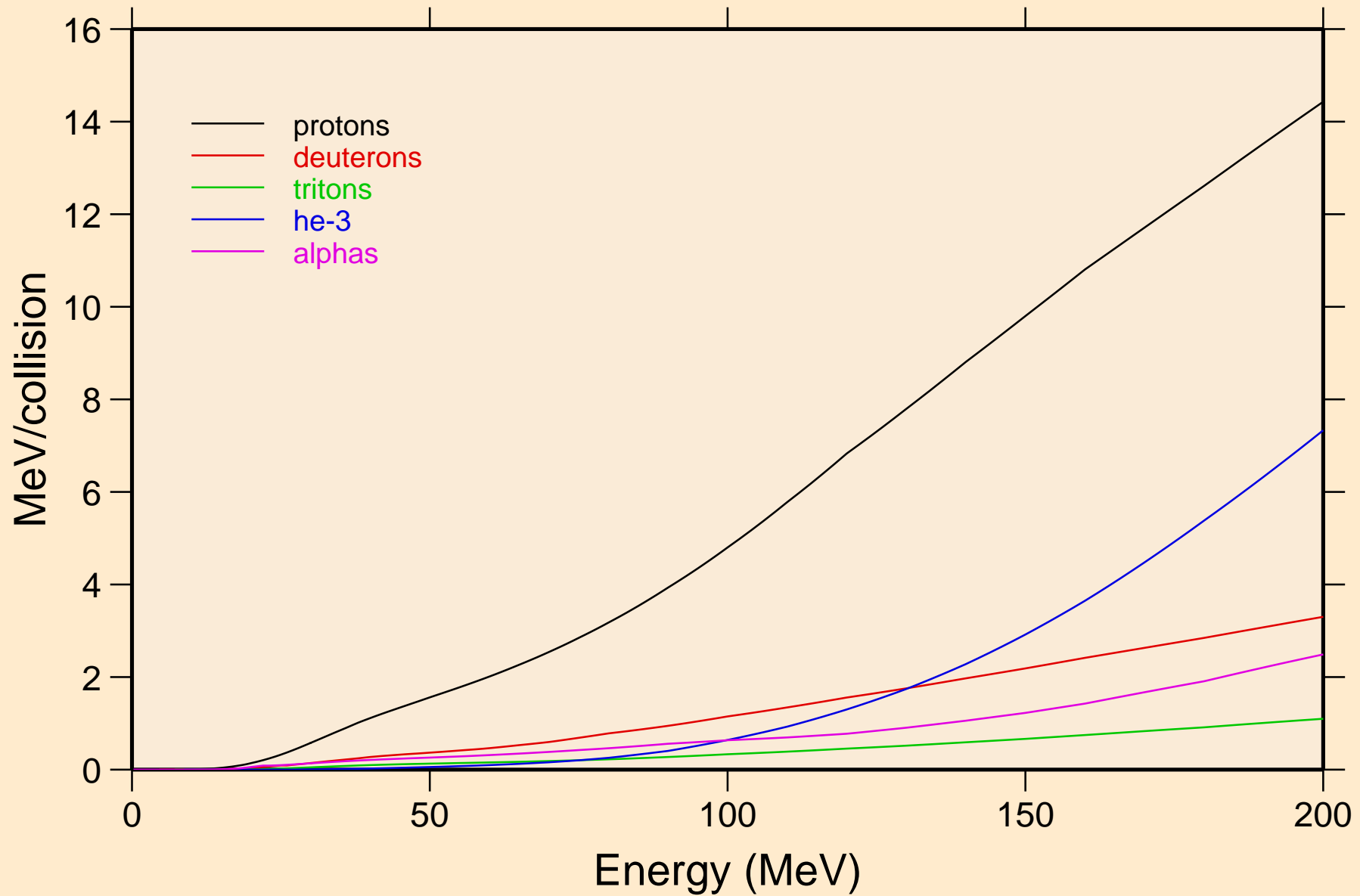


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

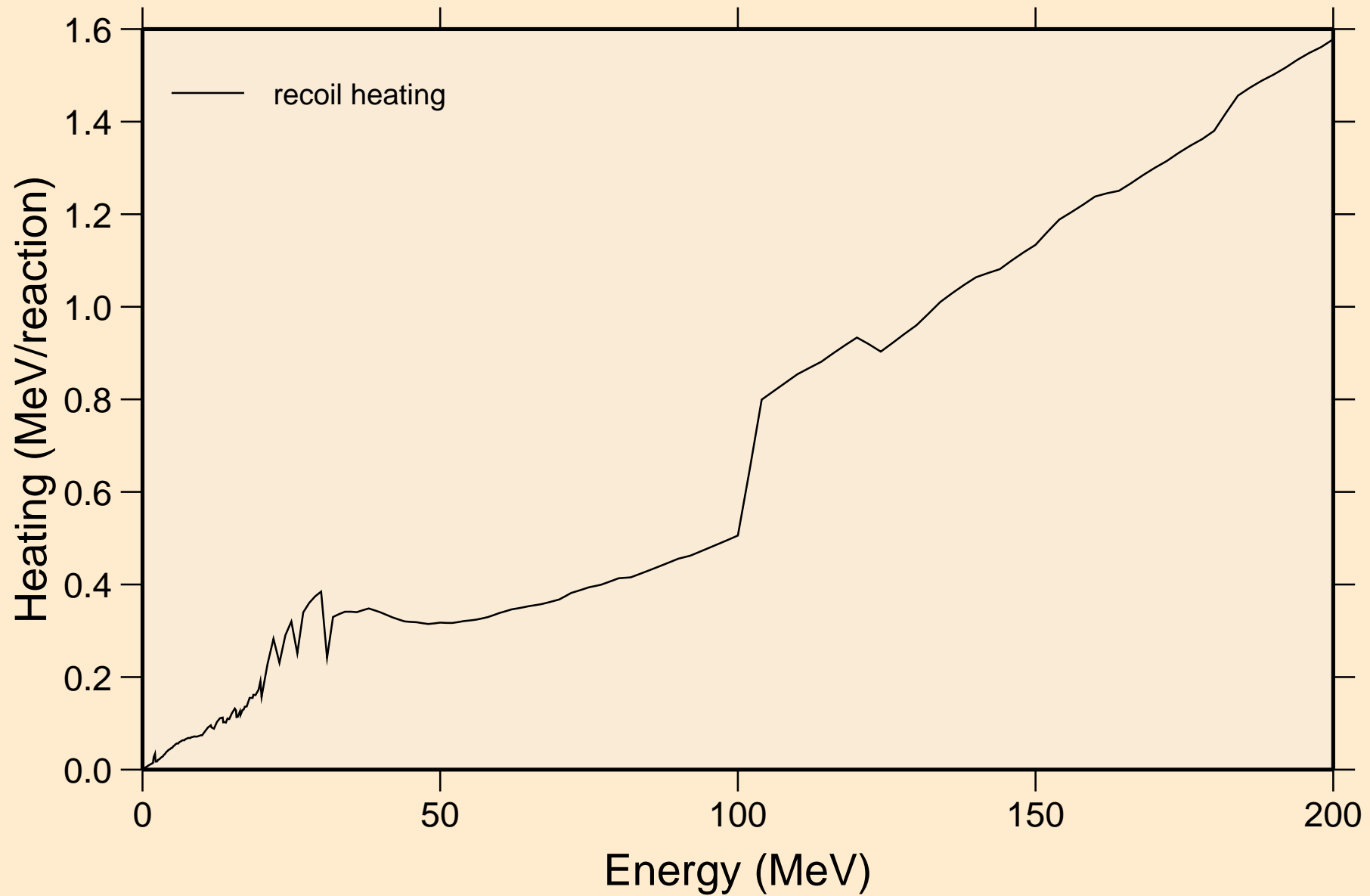


# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions

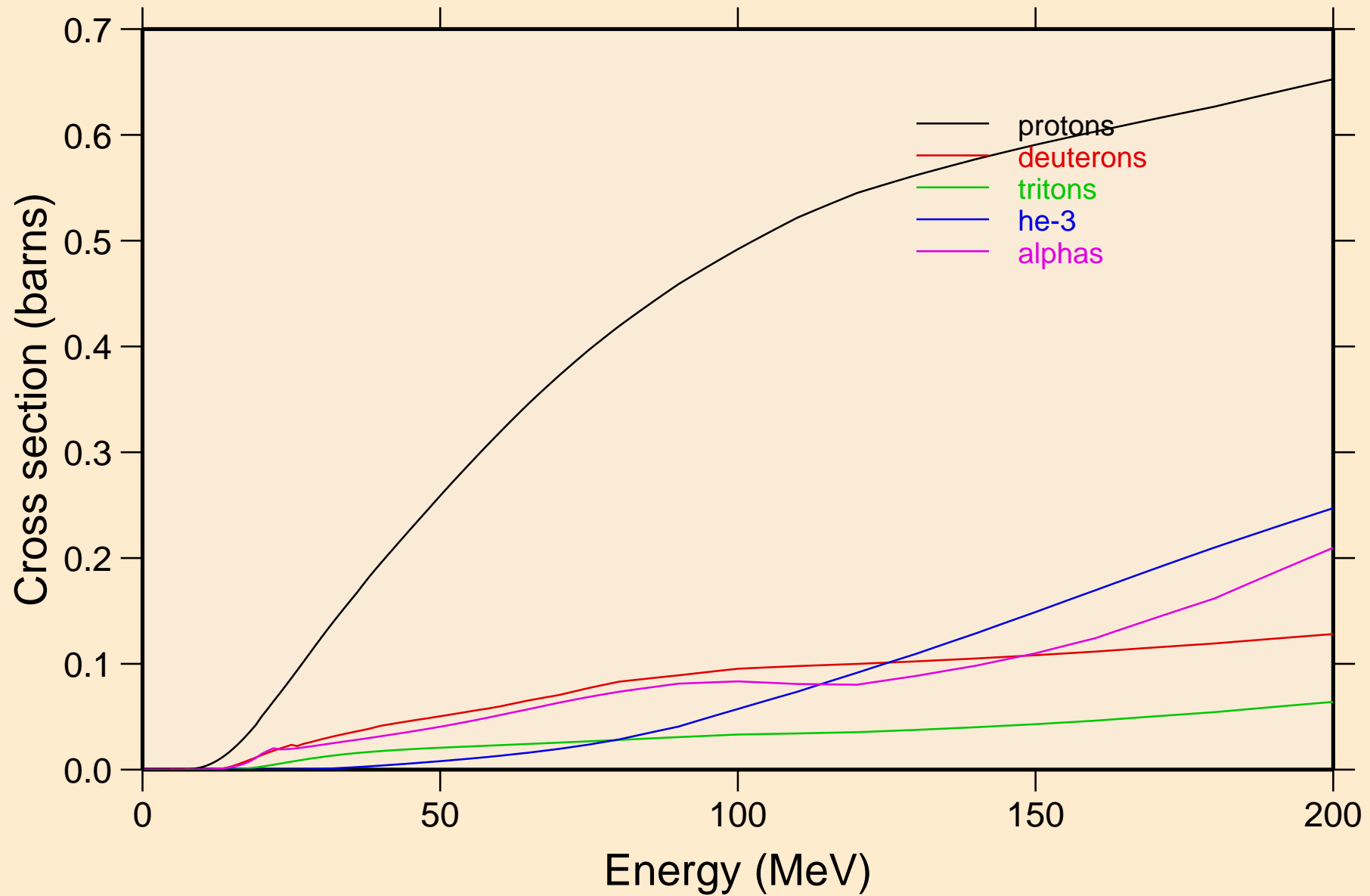


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

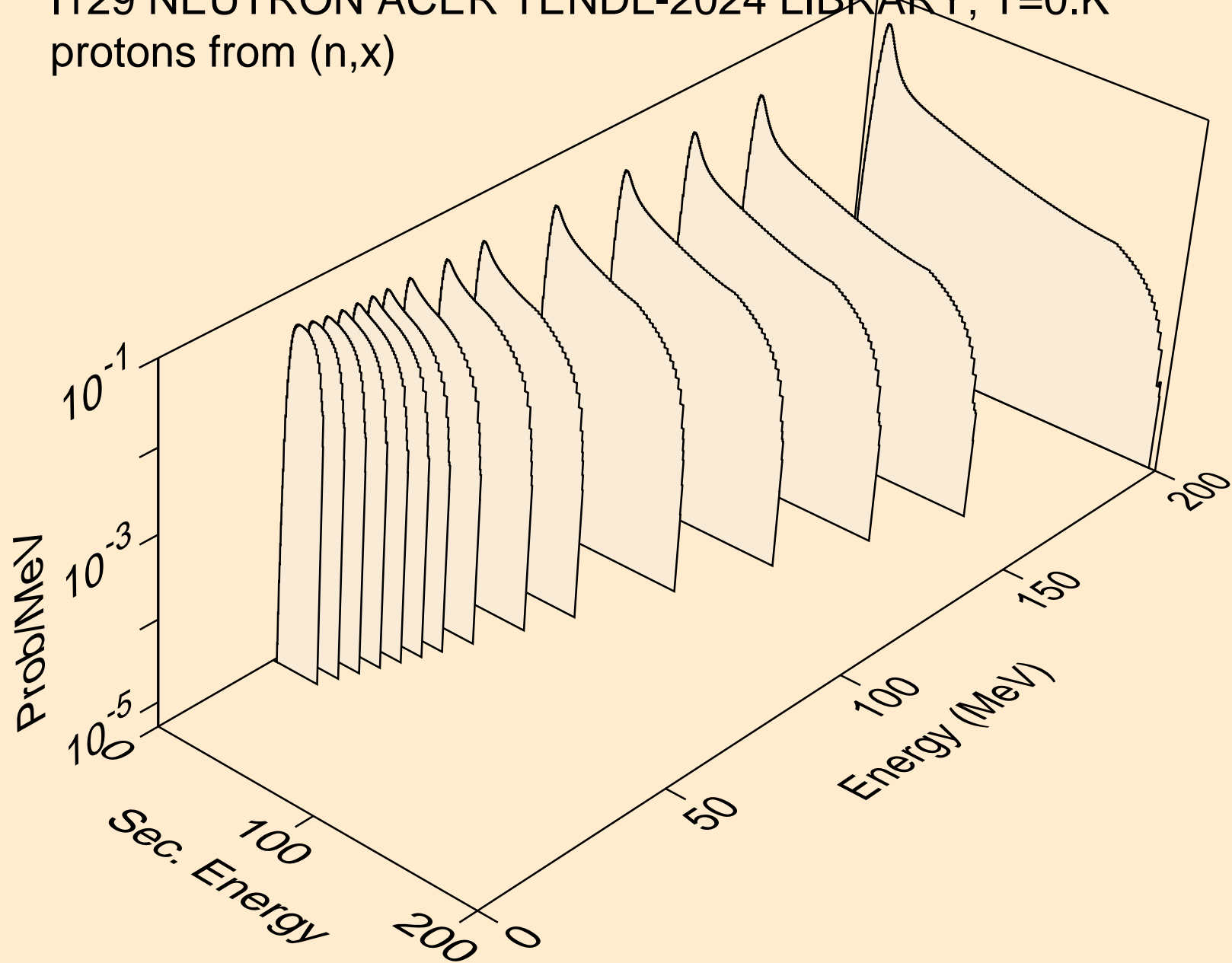


# I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

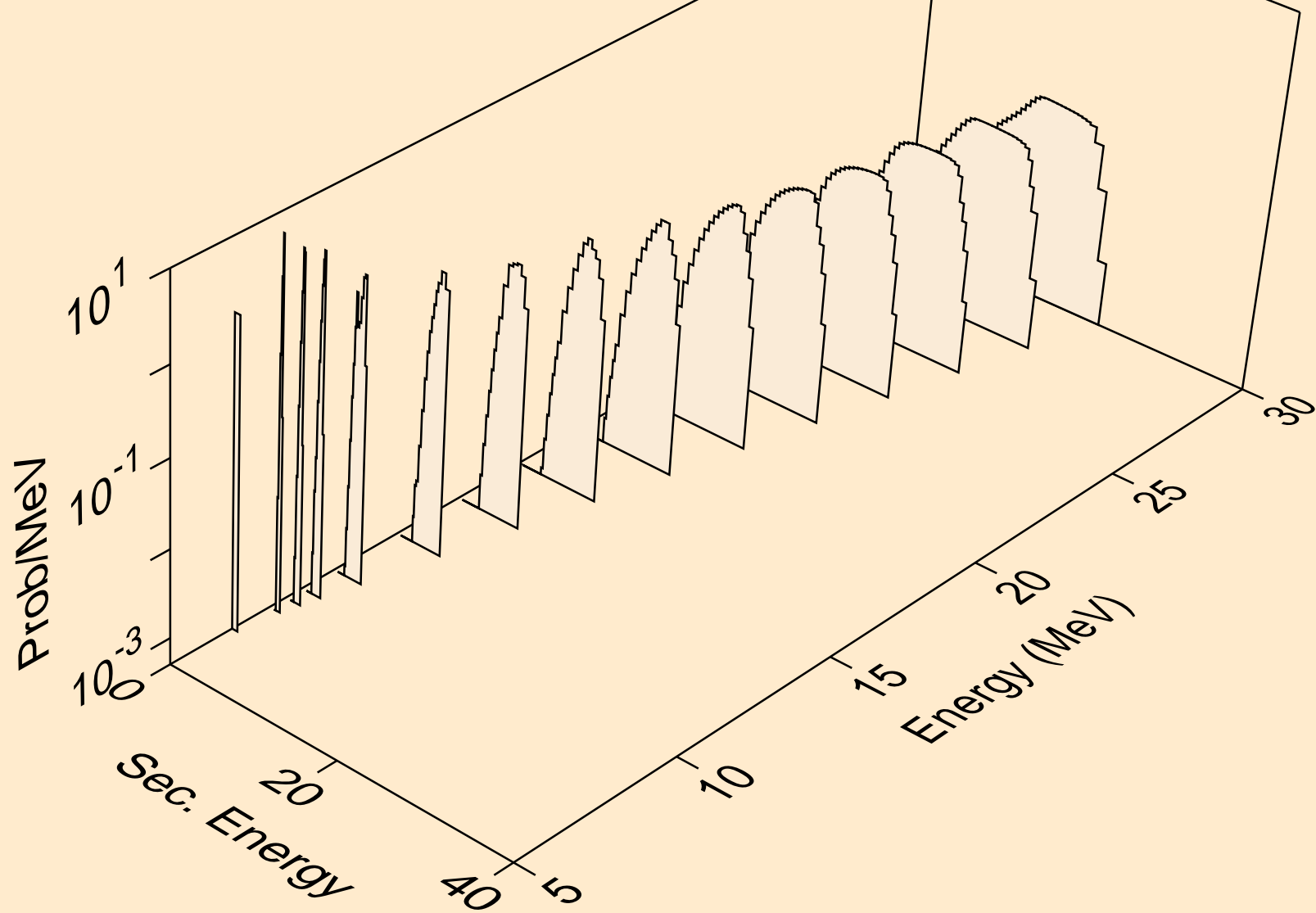
## Particle production cross sections



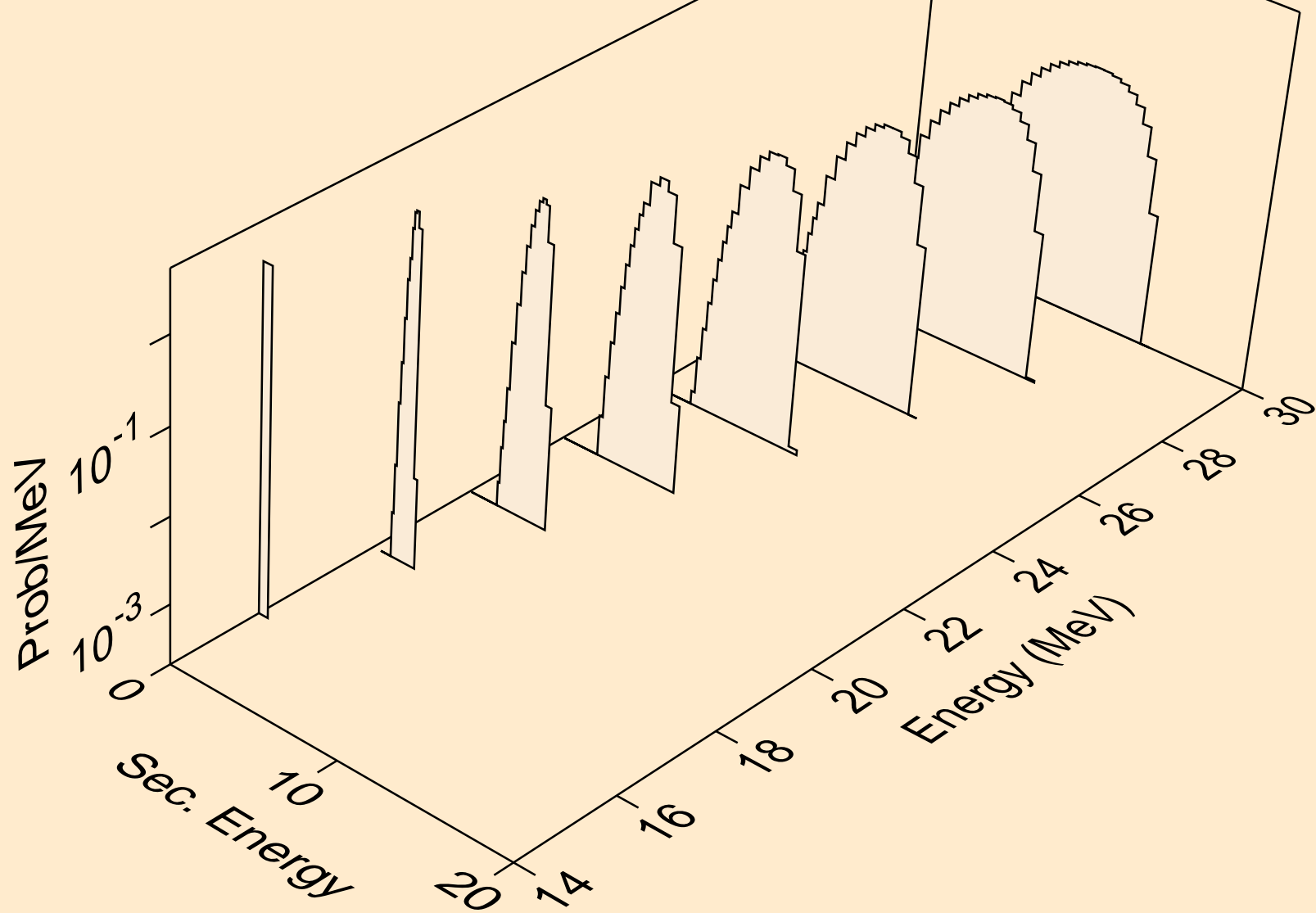
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

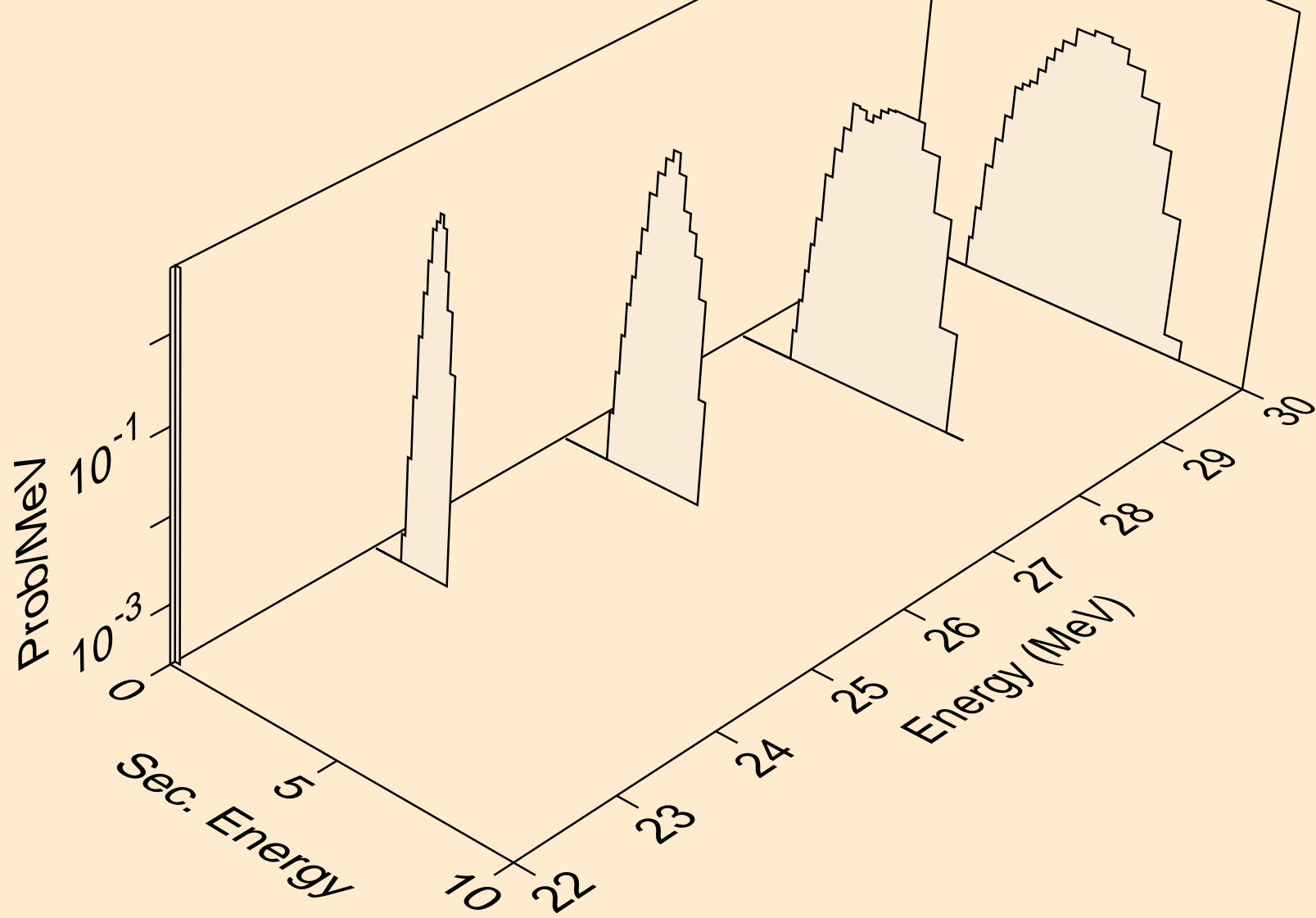


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protons from (n,2np)

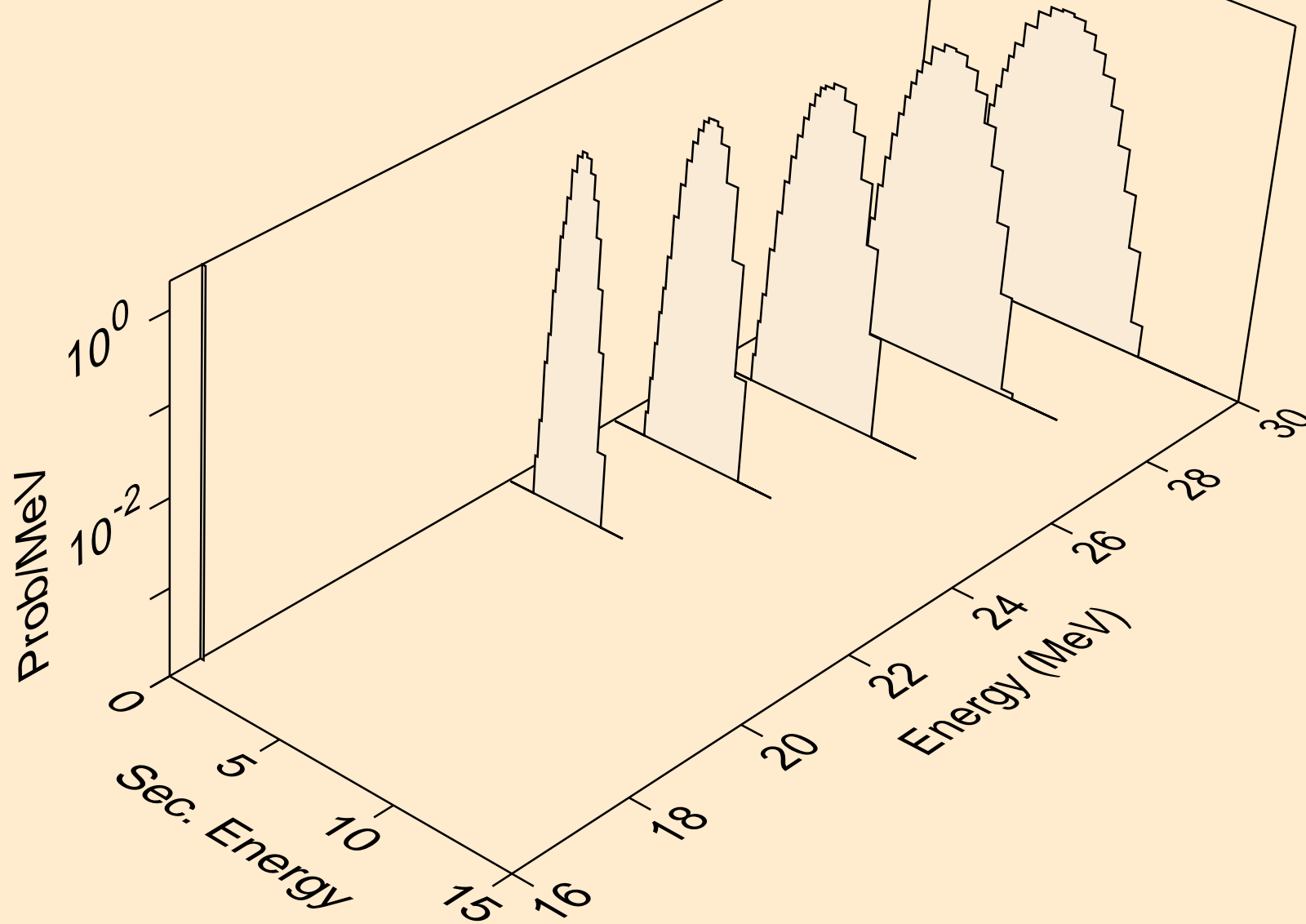




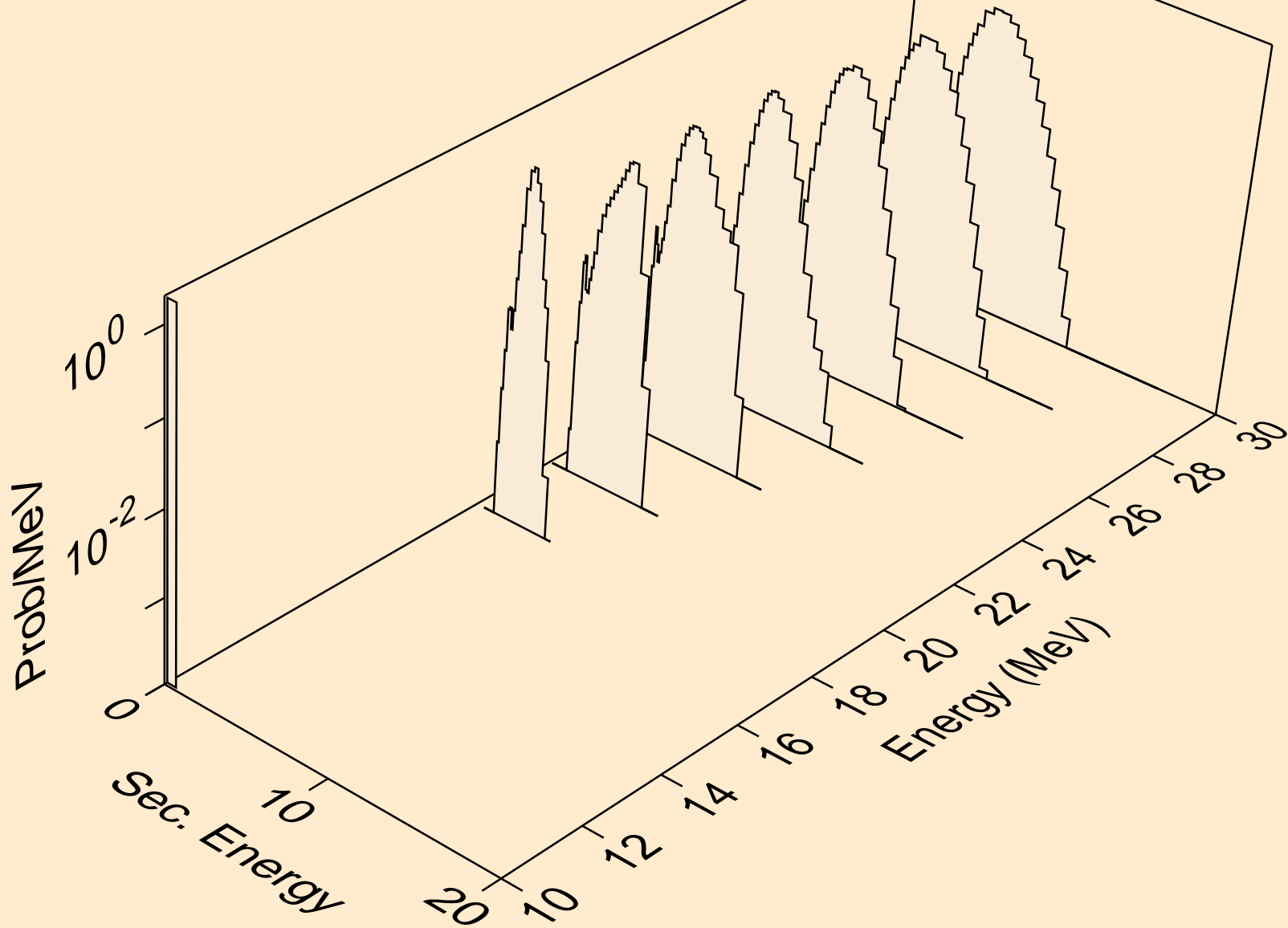
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protons from (n,3np)



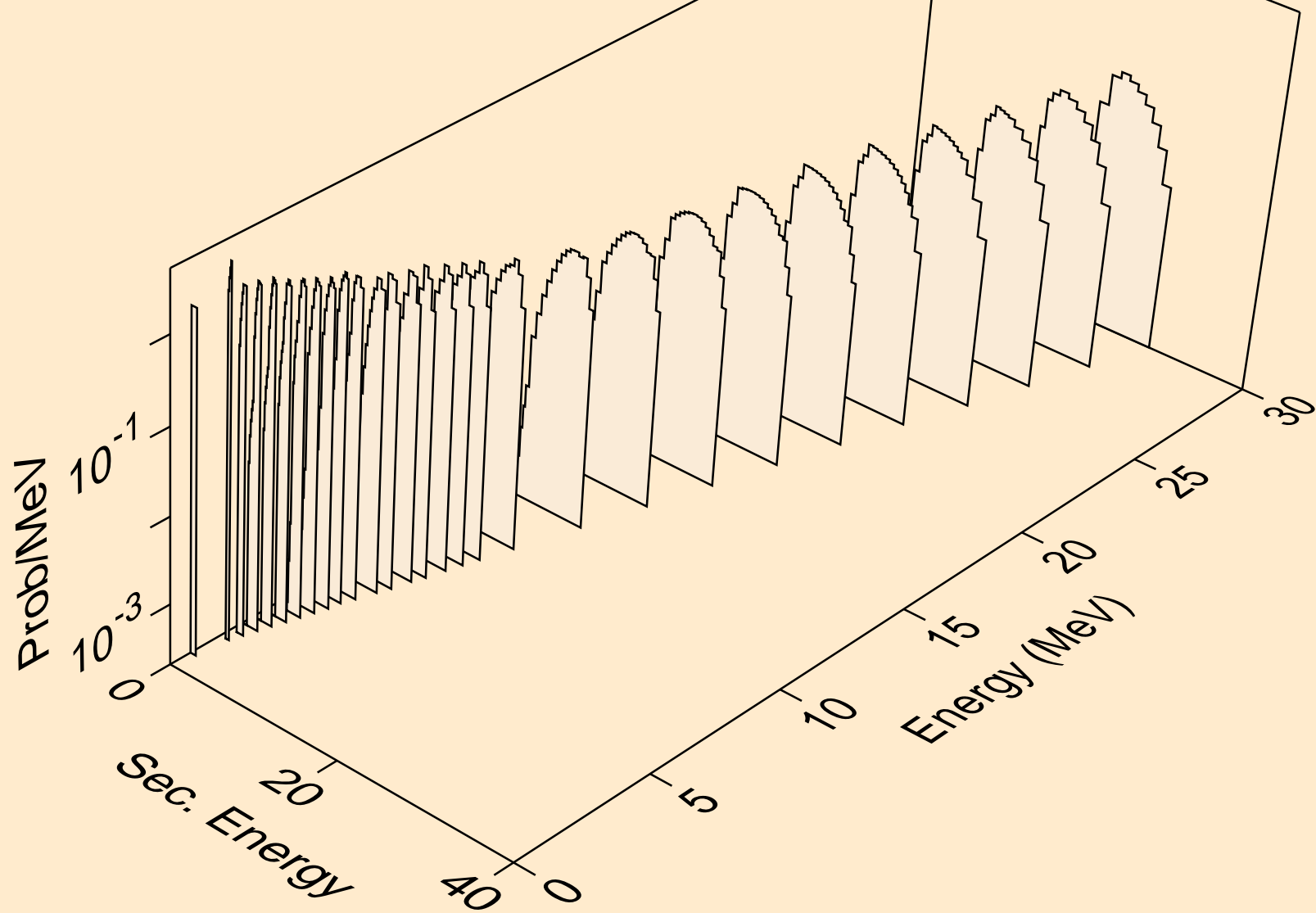
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protons from (n,n2p)



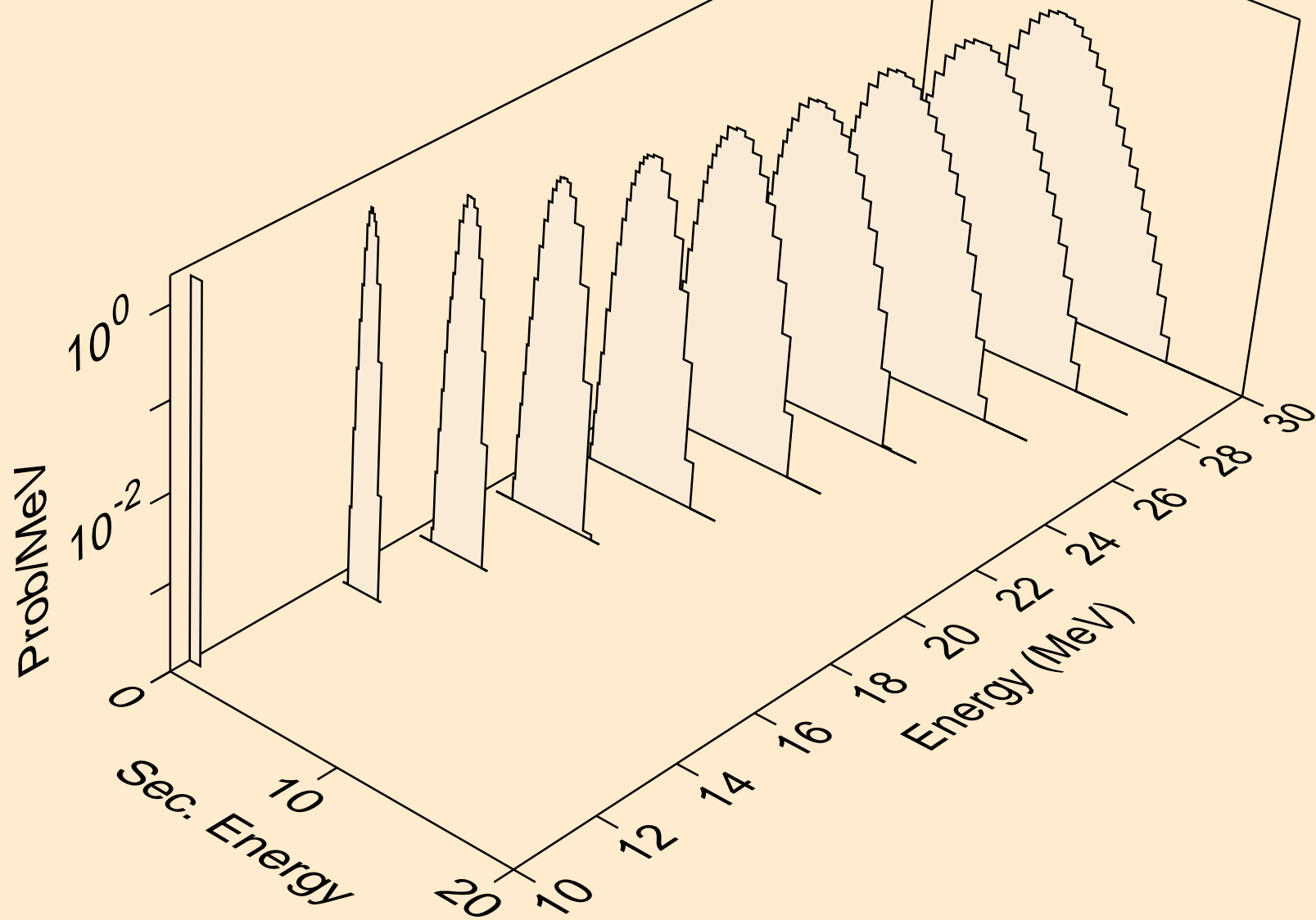
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protons from (n,npa)



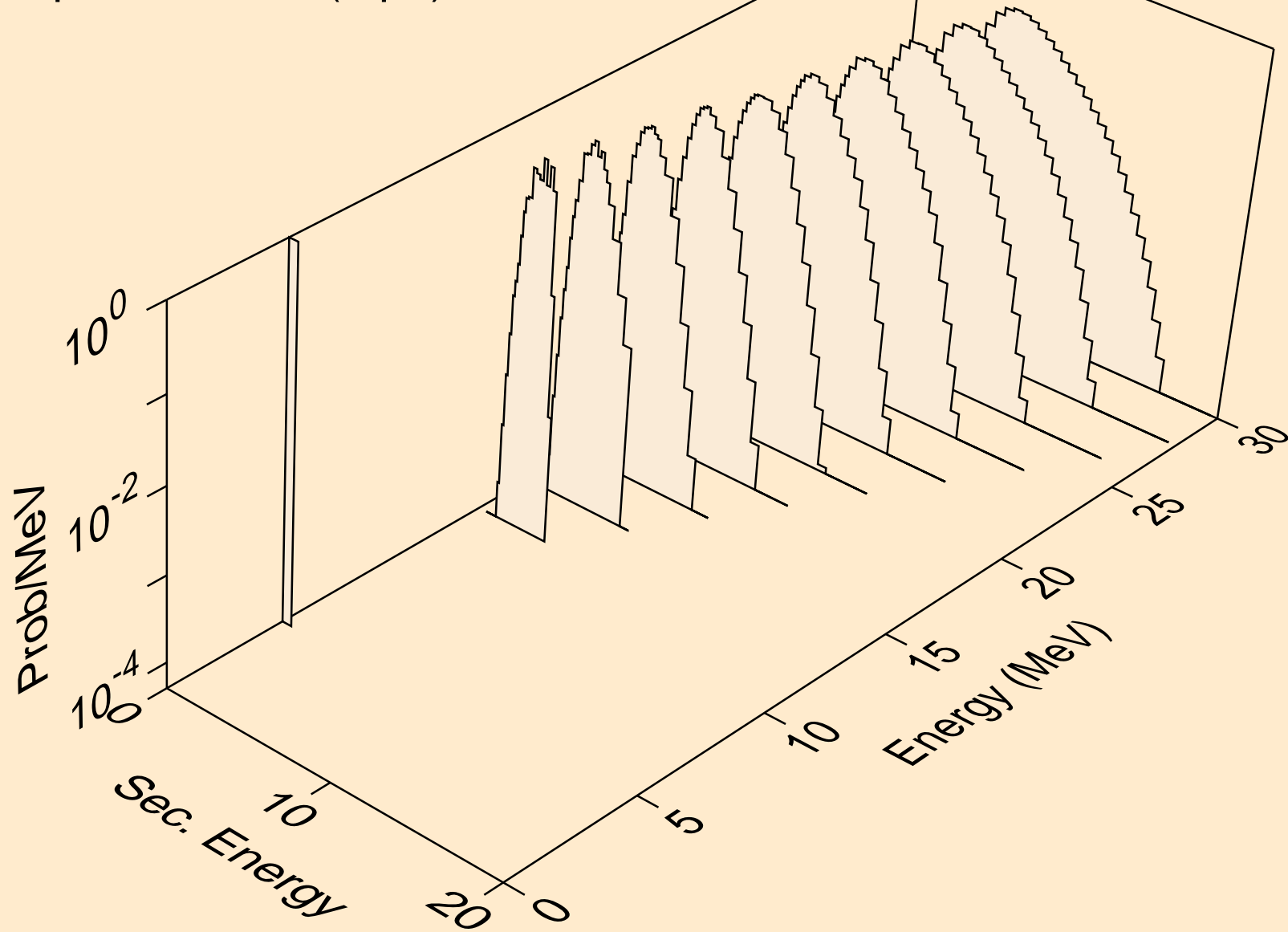
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protons from (n,p)



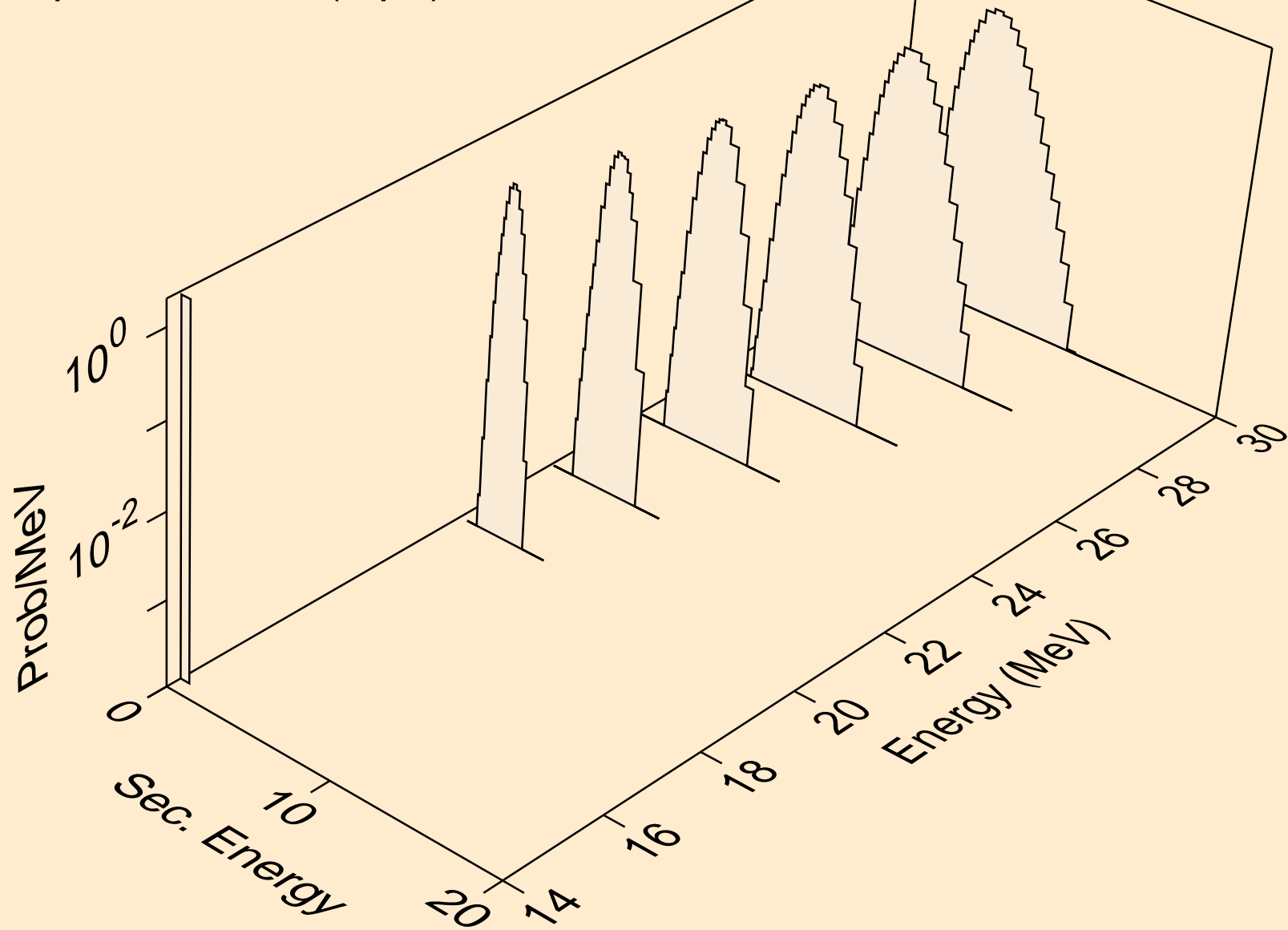
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protons from (n,2p)



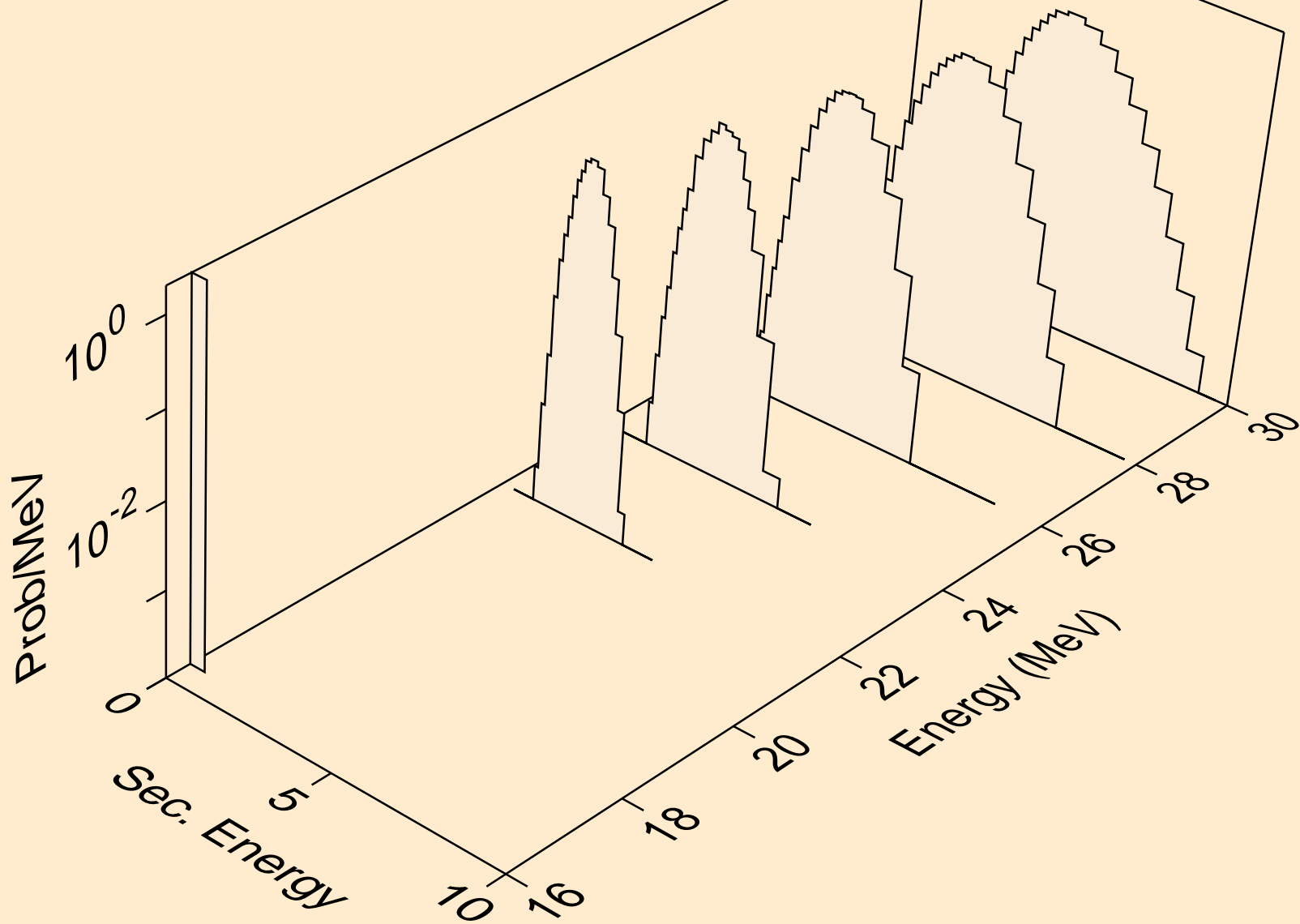
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protons from (n,p)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

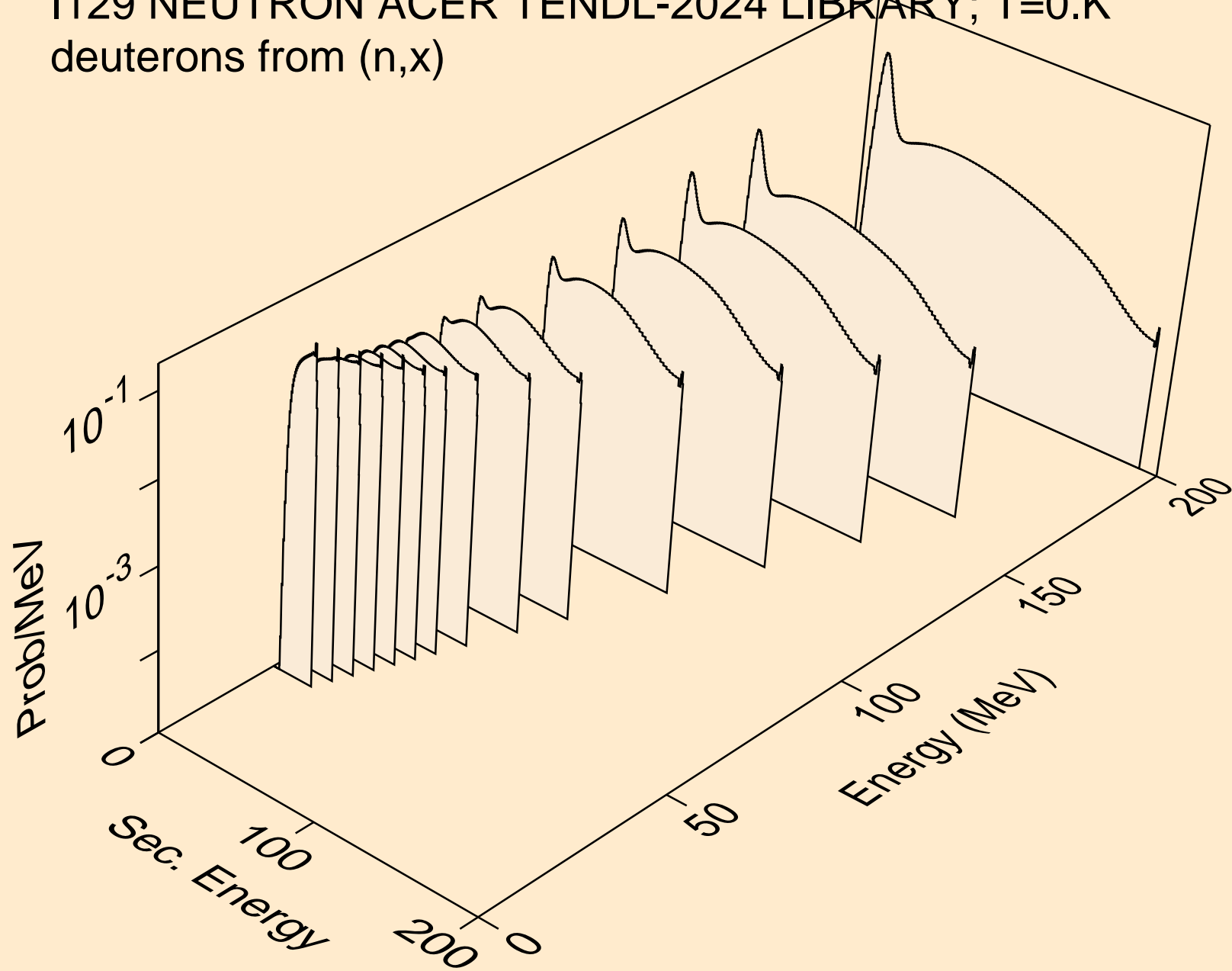


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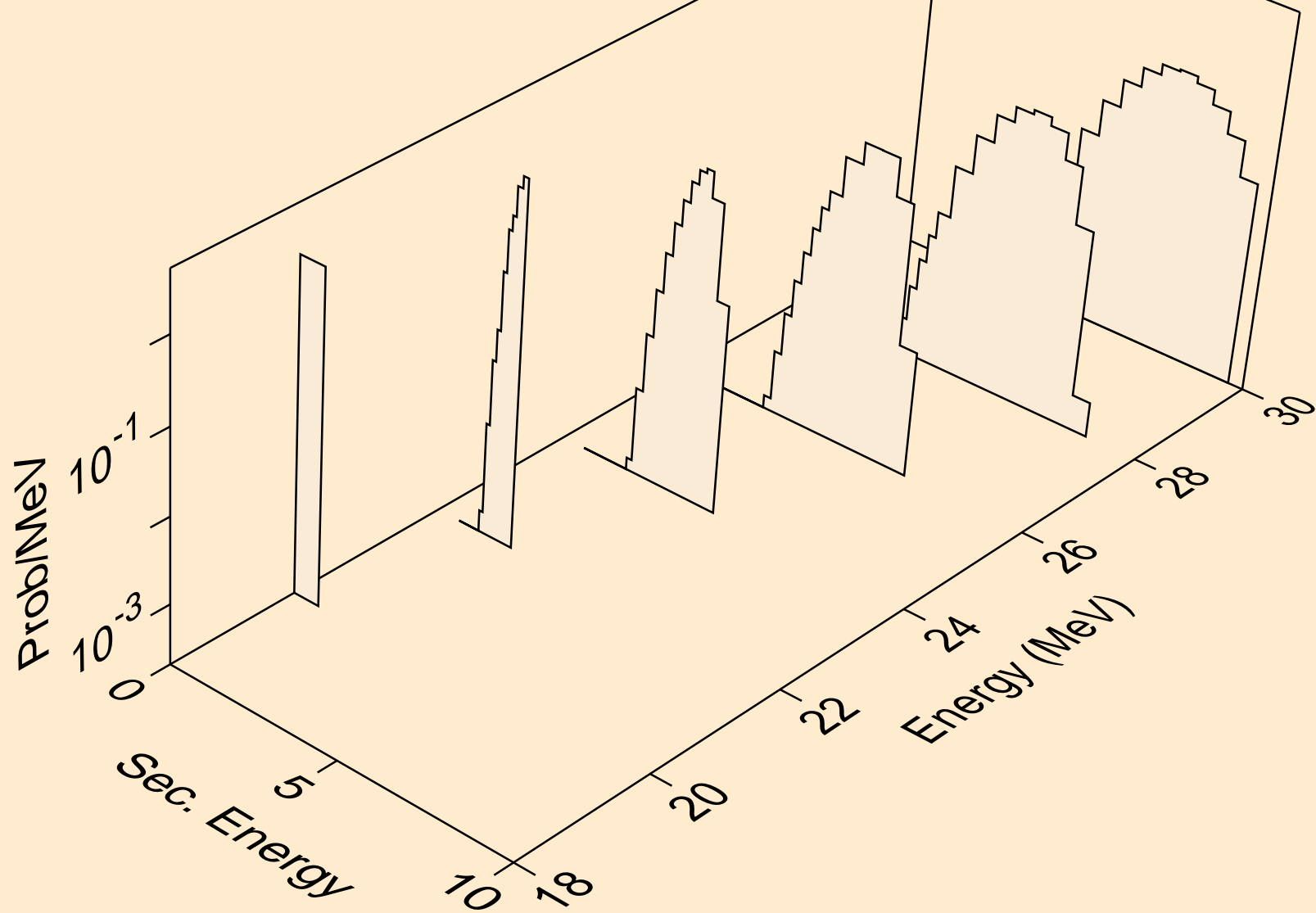




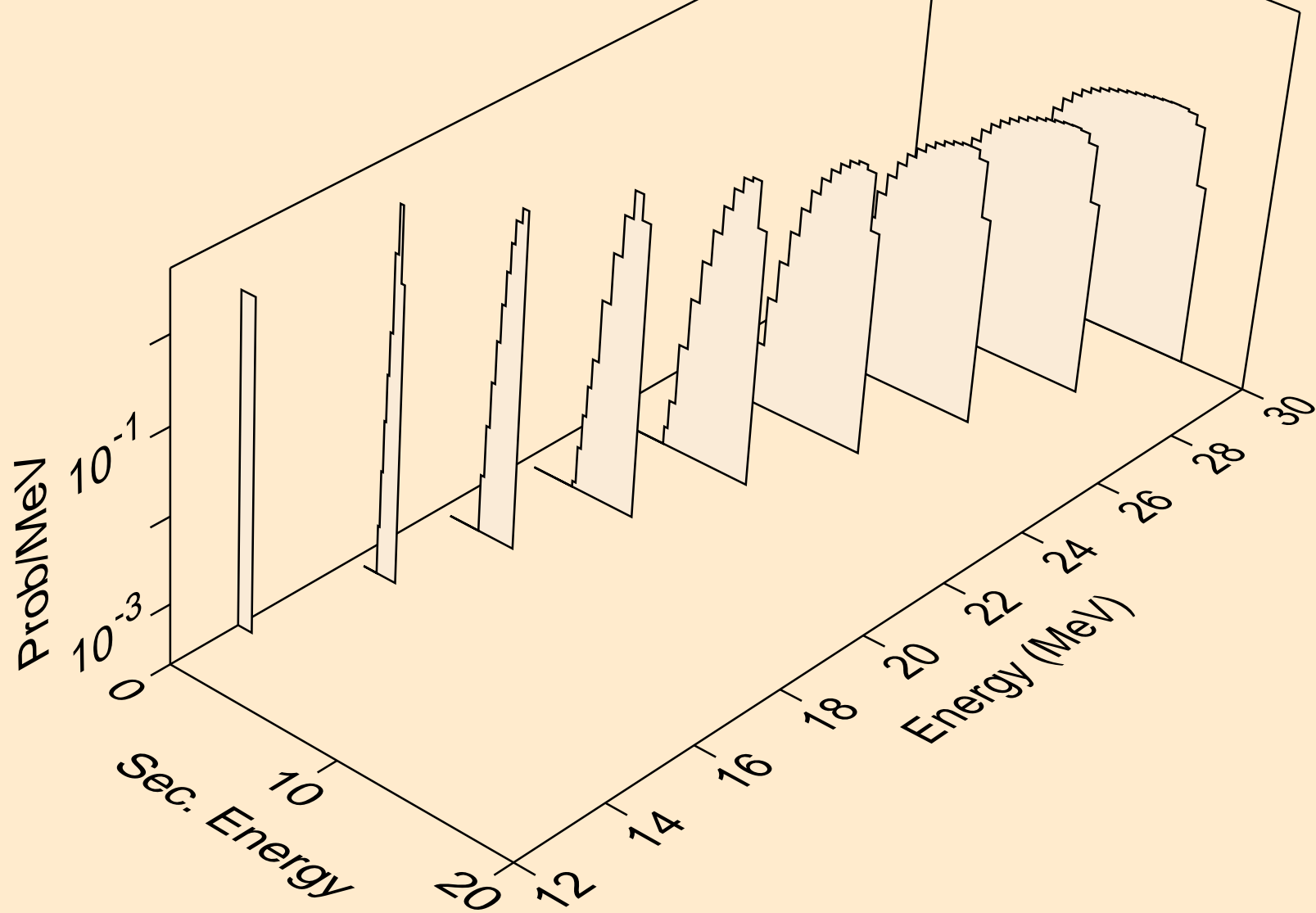
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



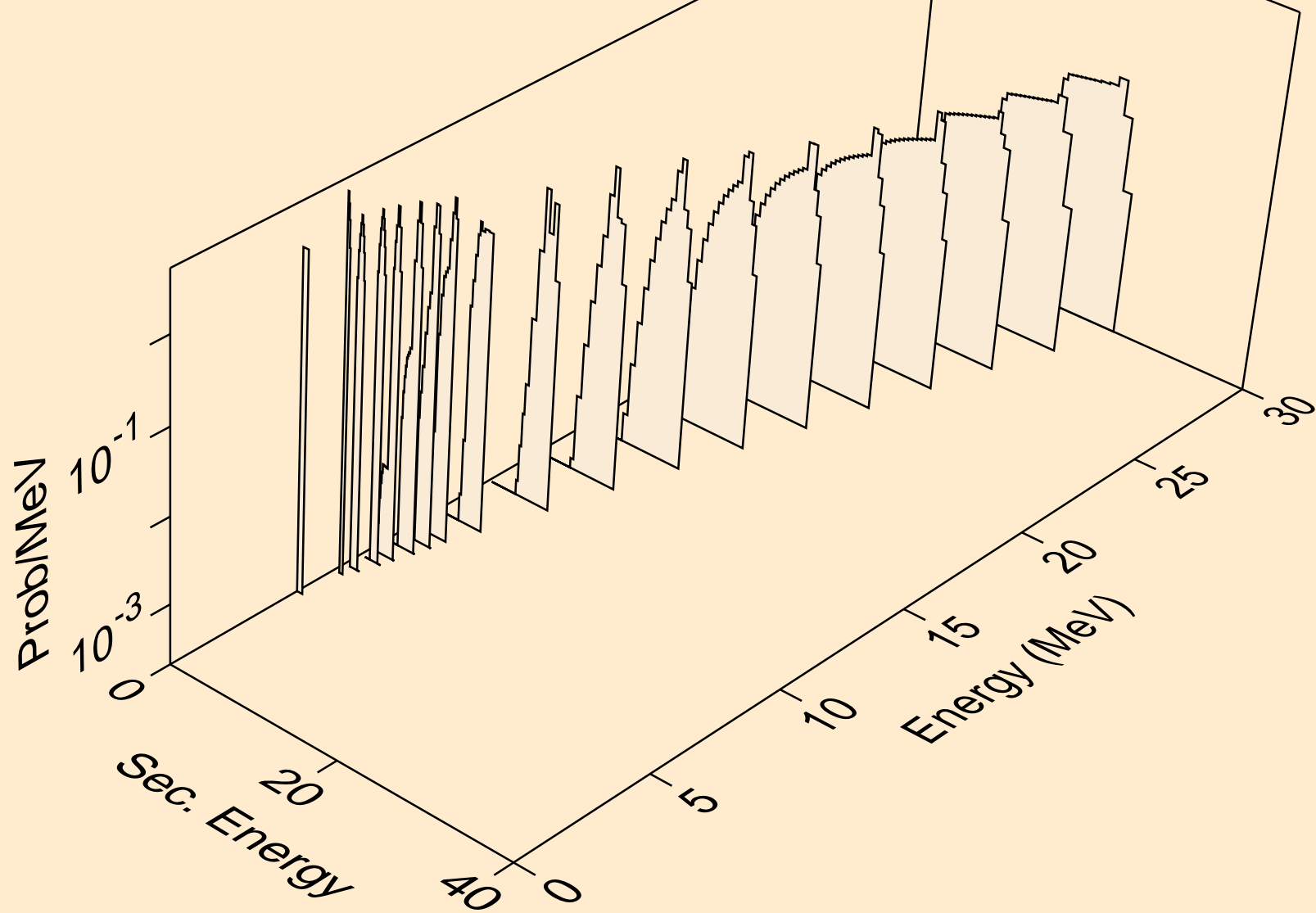
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deuterons from (n,2nd)



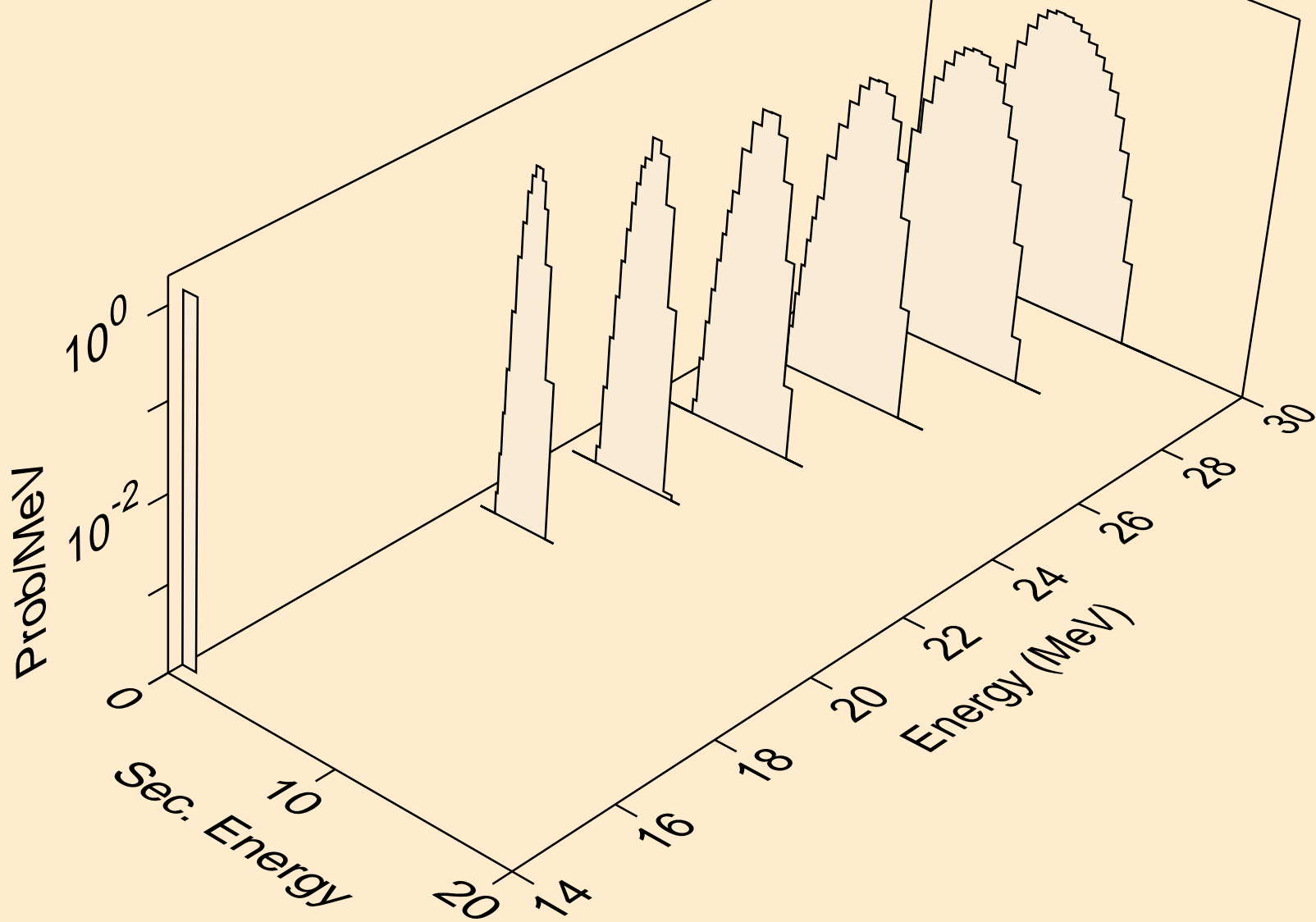
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deuterons from (n,n\*)d



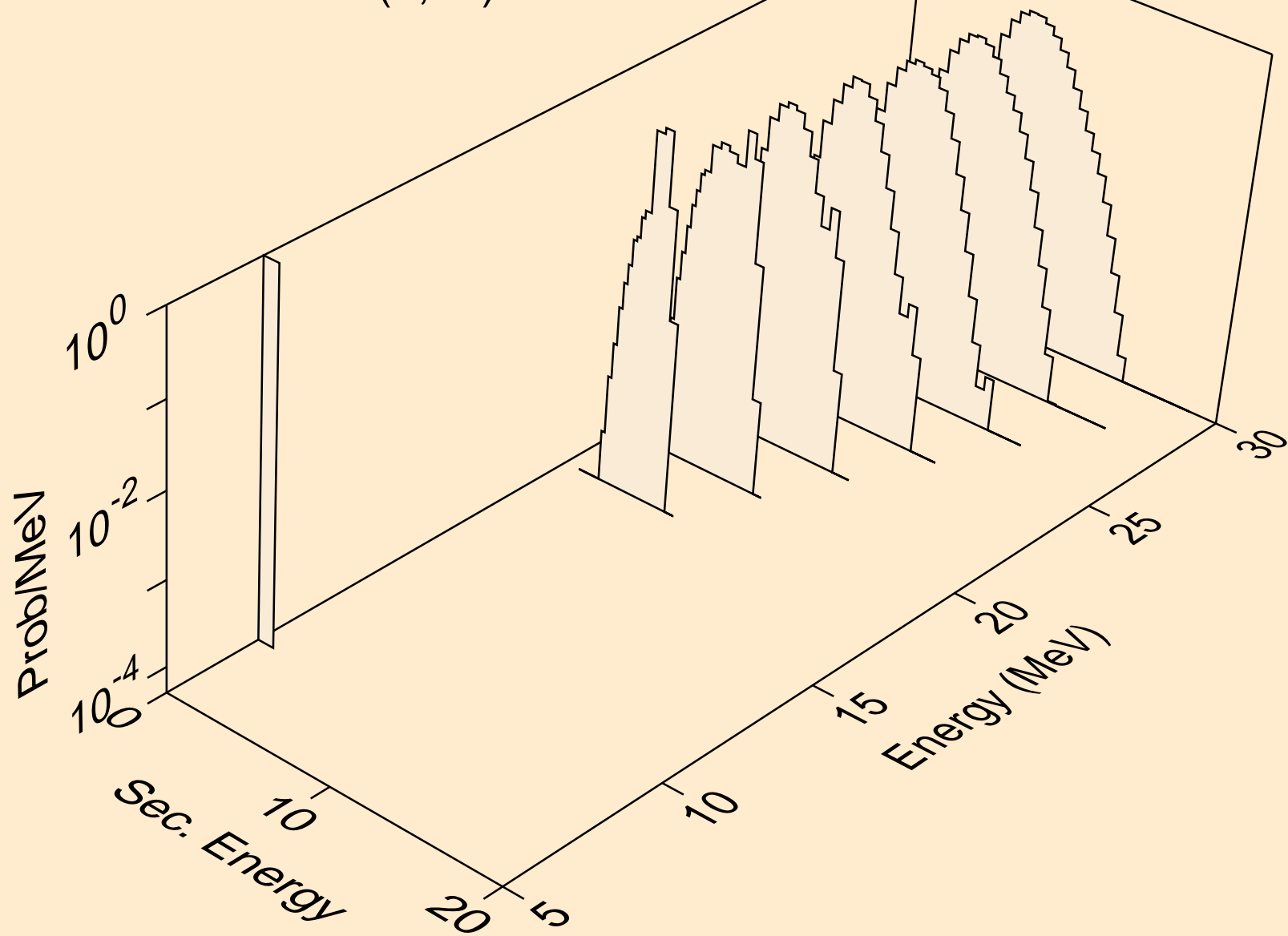
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deuterons from (n,d)



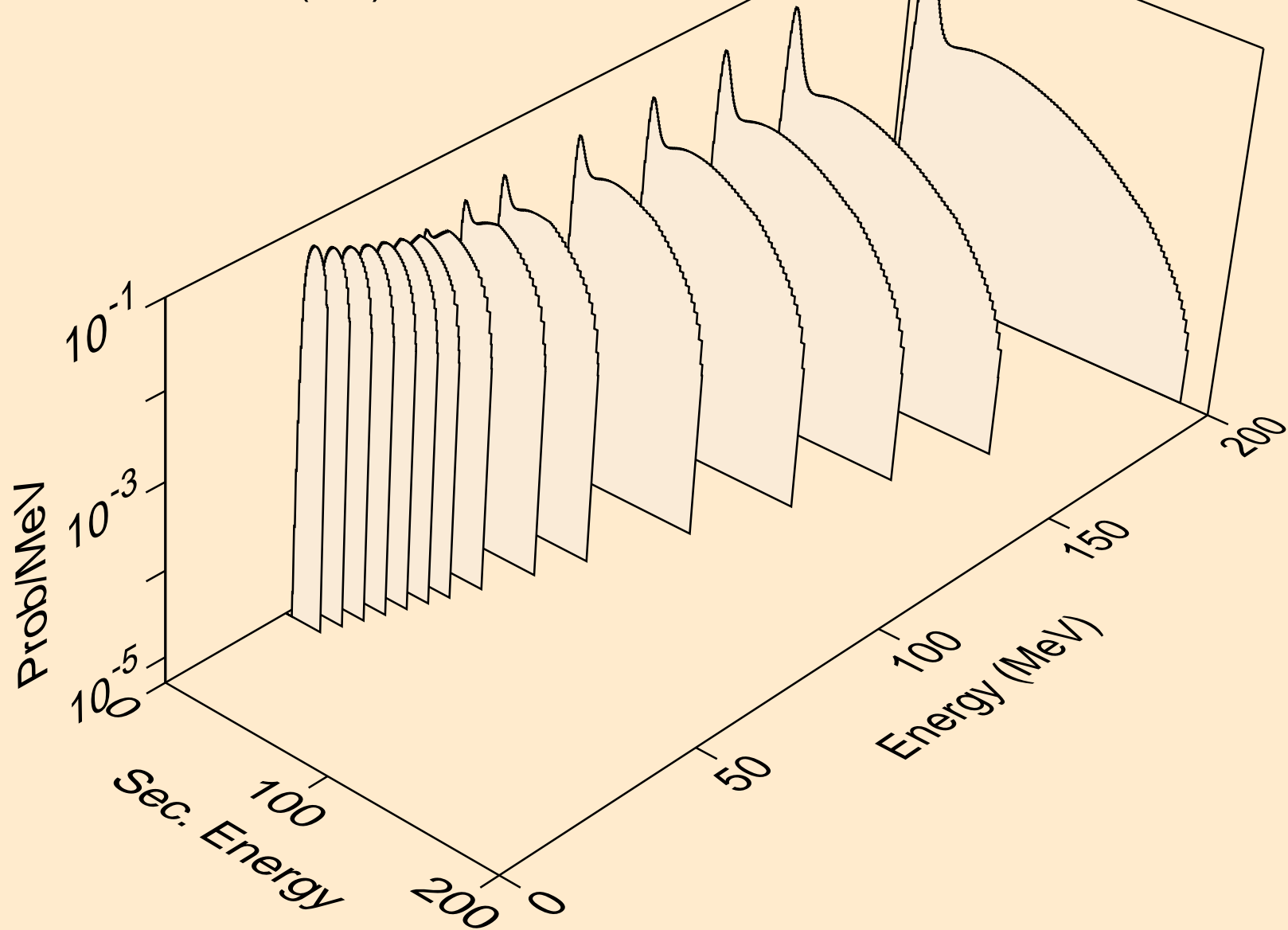
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deuterons from (n,pd)



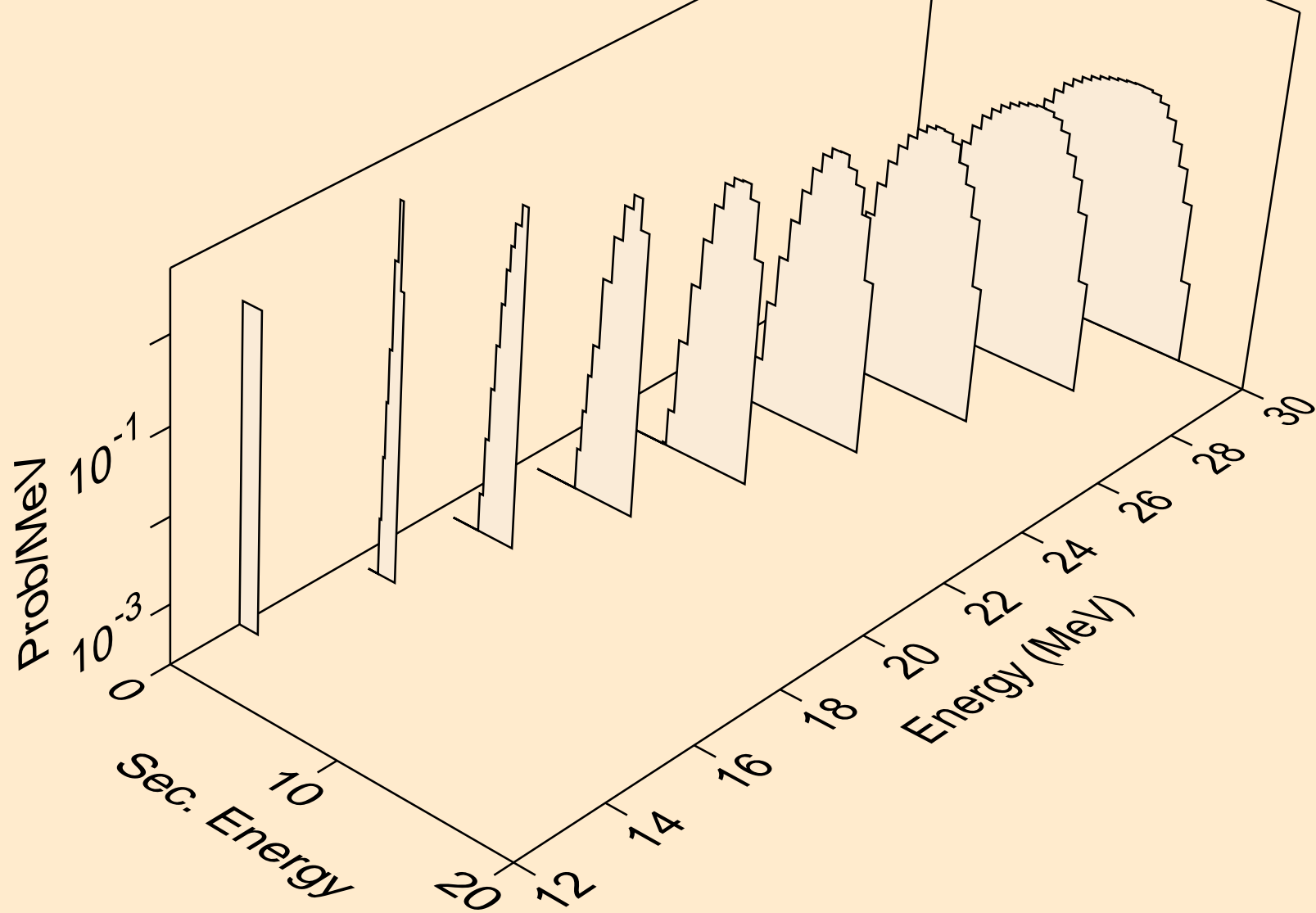
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deuterons from (n,da)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

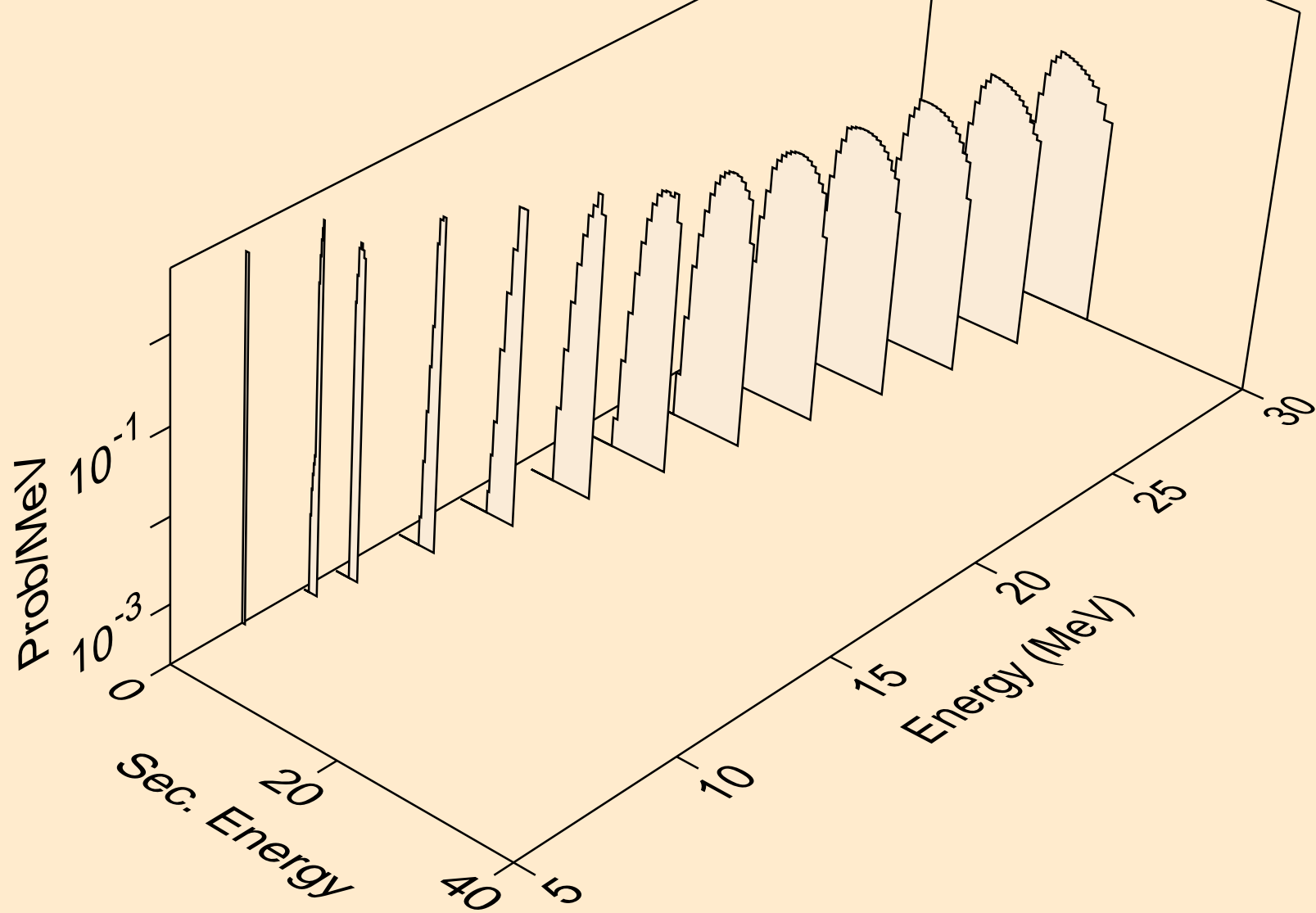


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

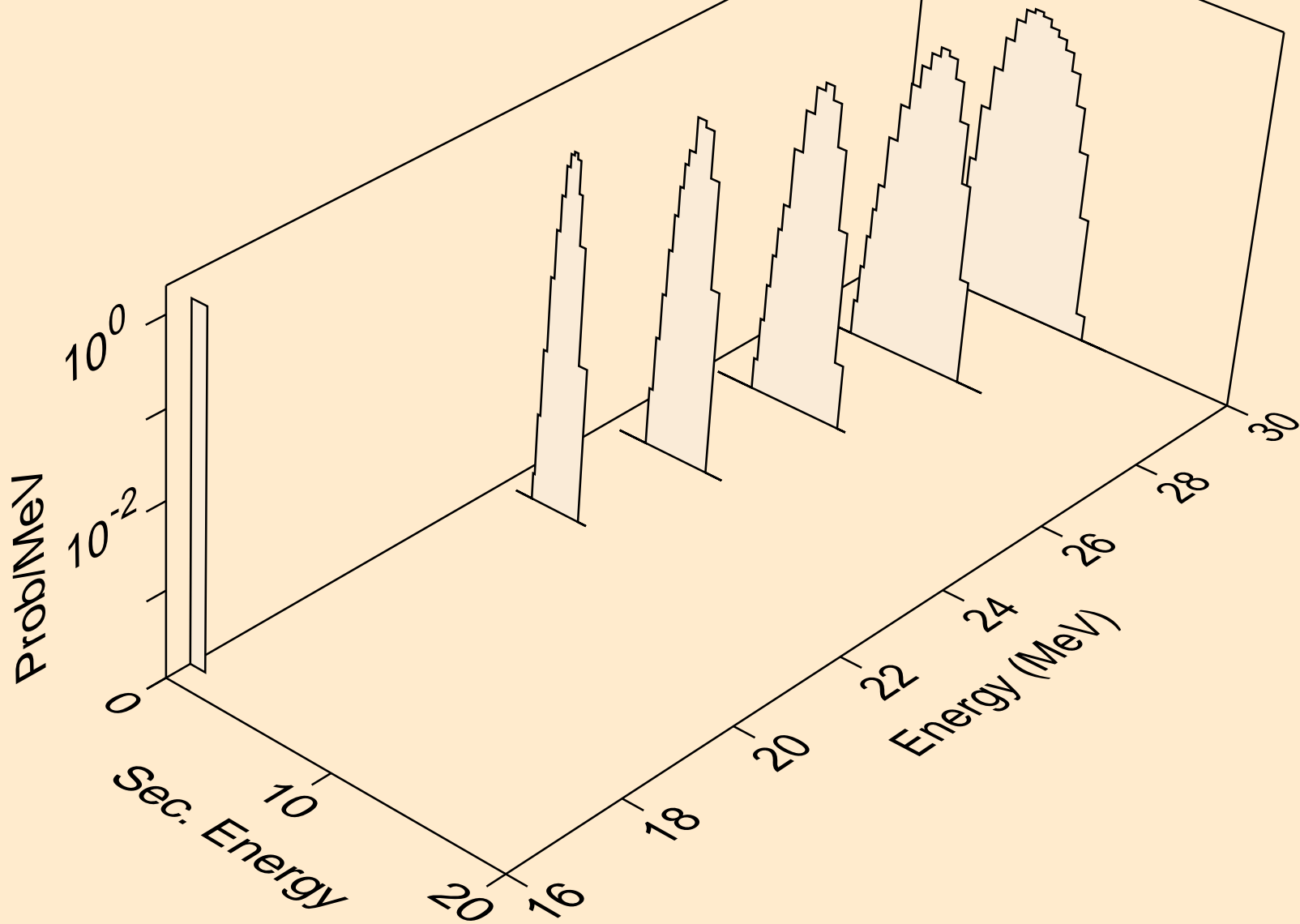




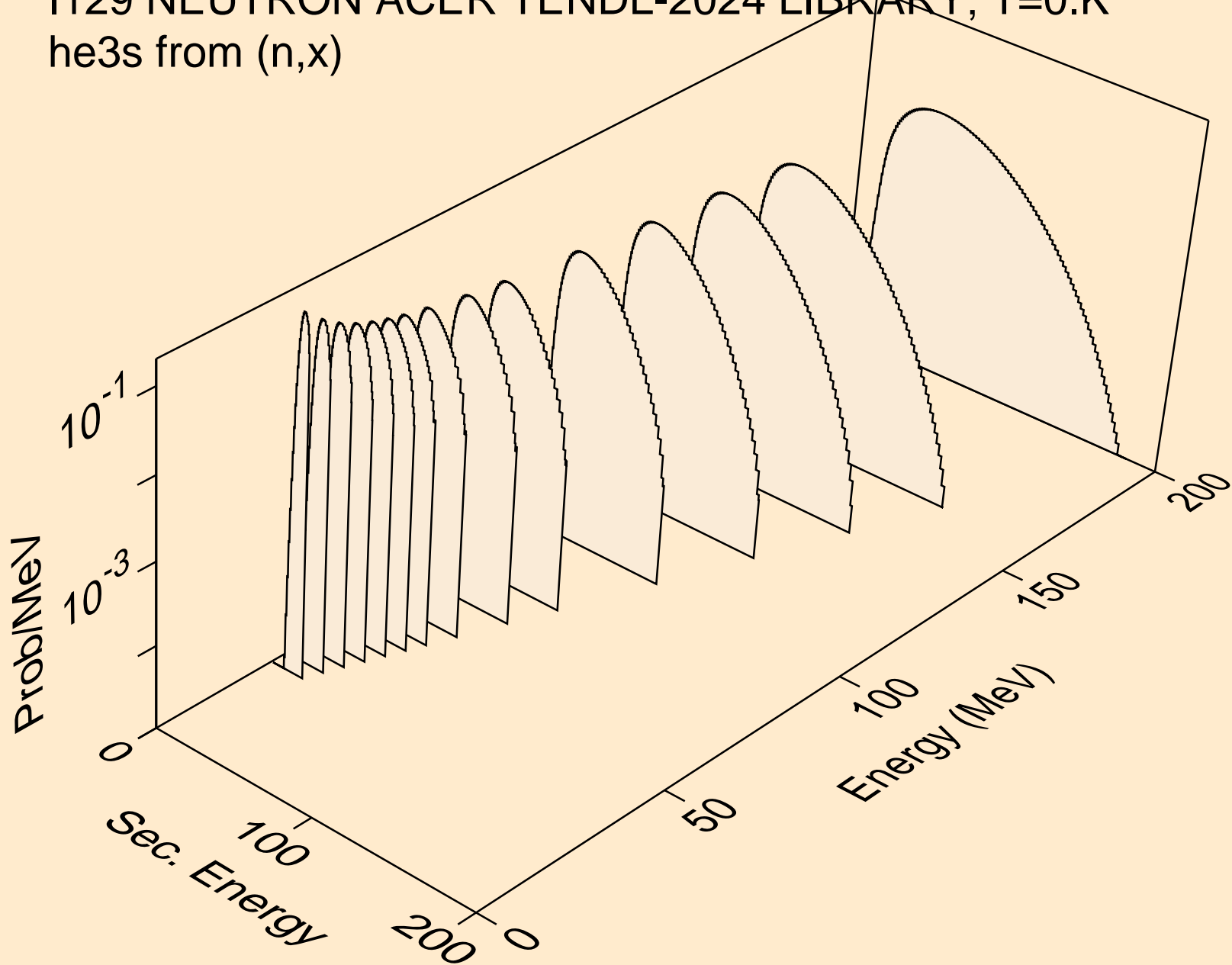
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tritons from (n,t)



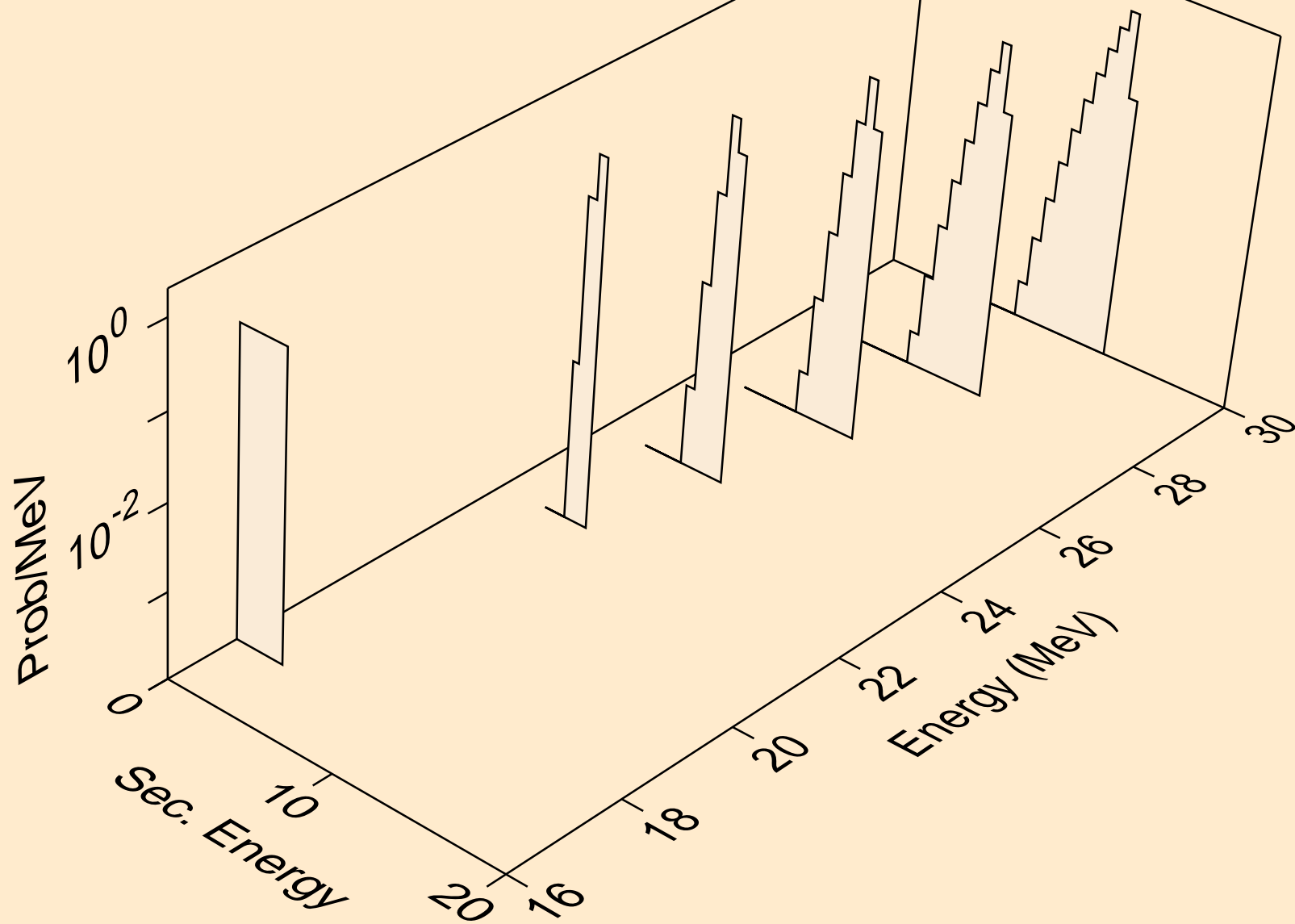
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tritons from (n,pt)



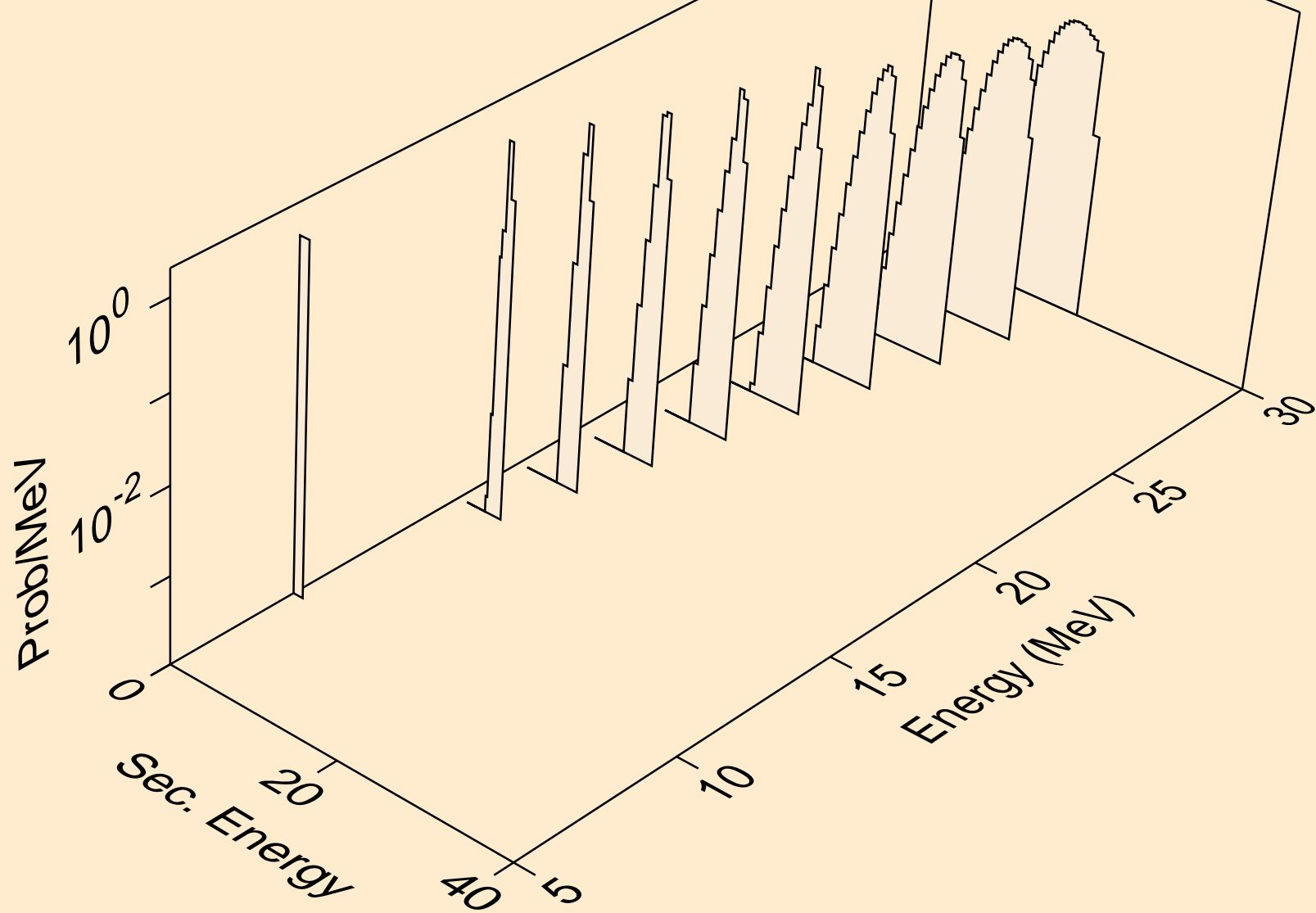
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he3s from (n,x)



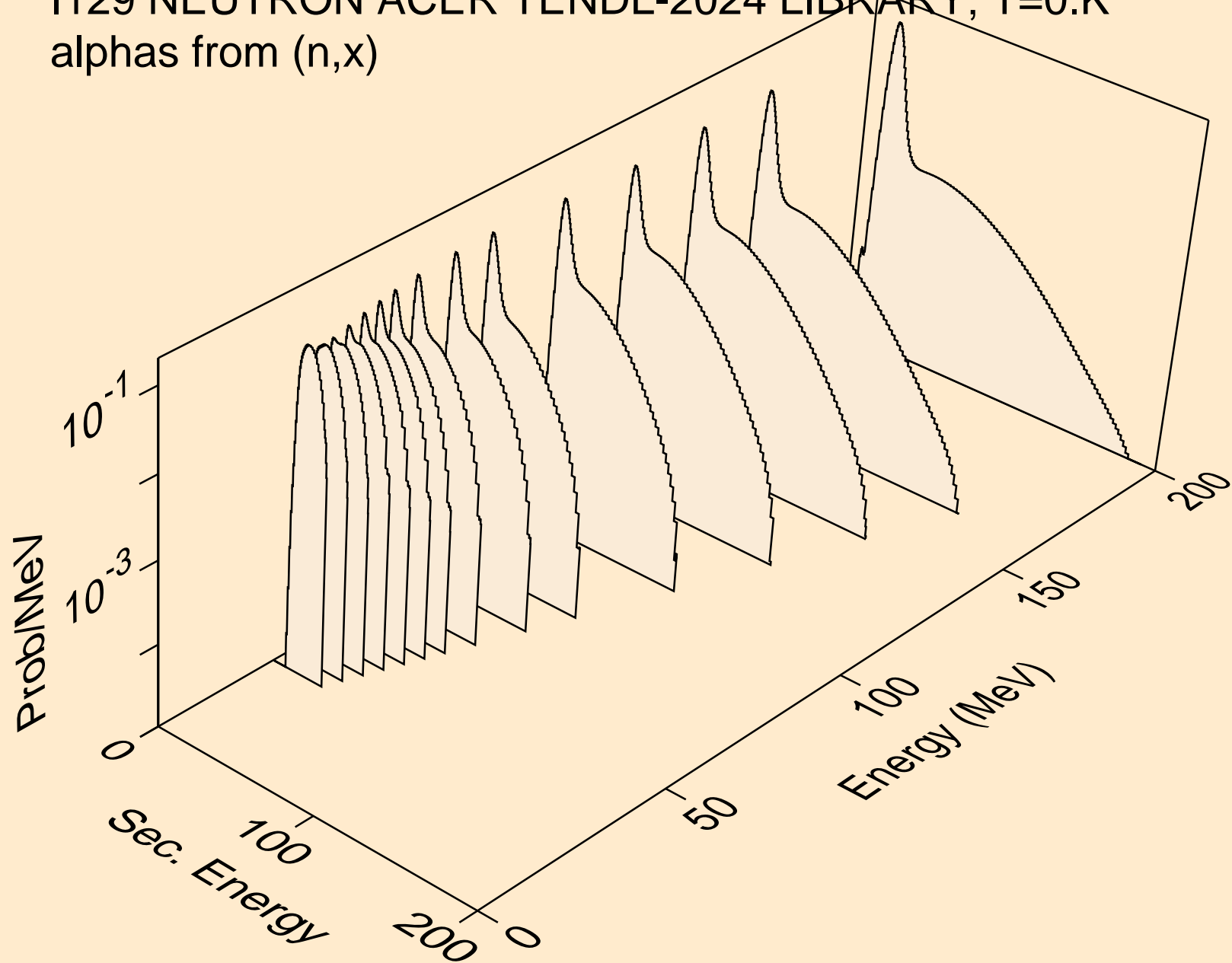
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he3s from (n,n\*)he3



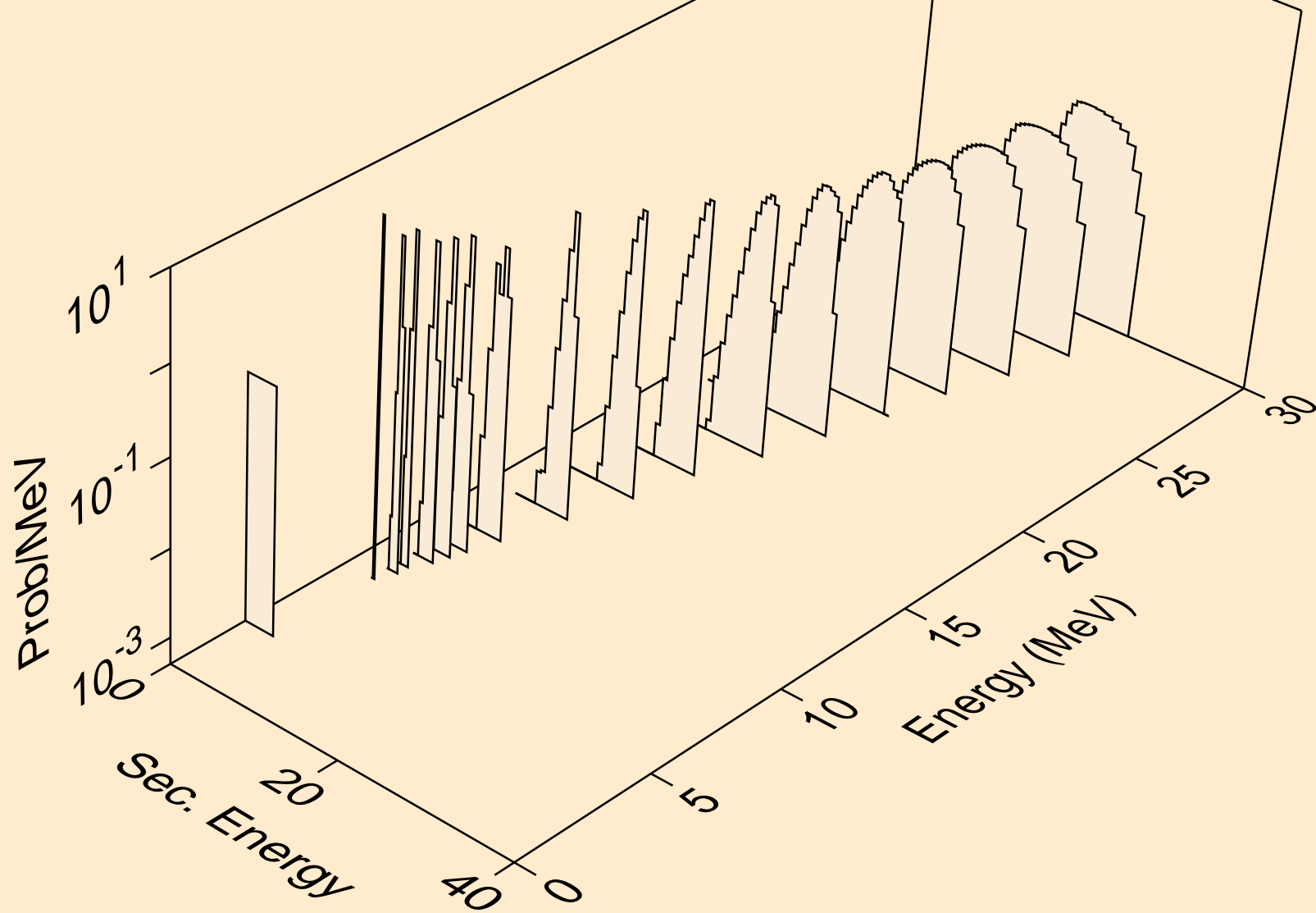
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he3s from (n,he3)



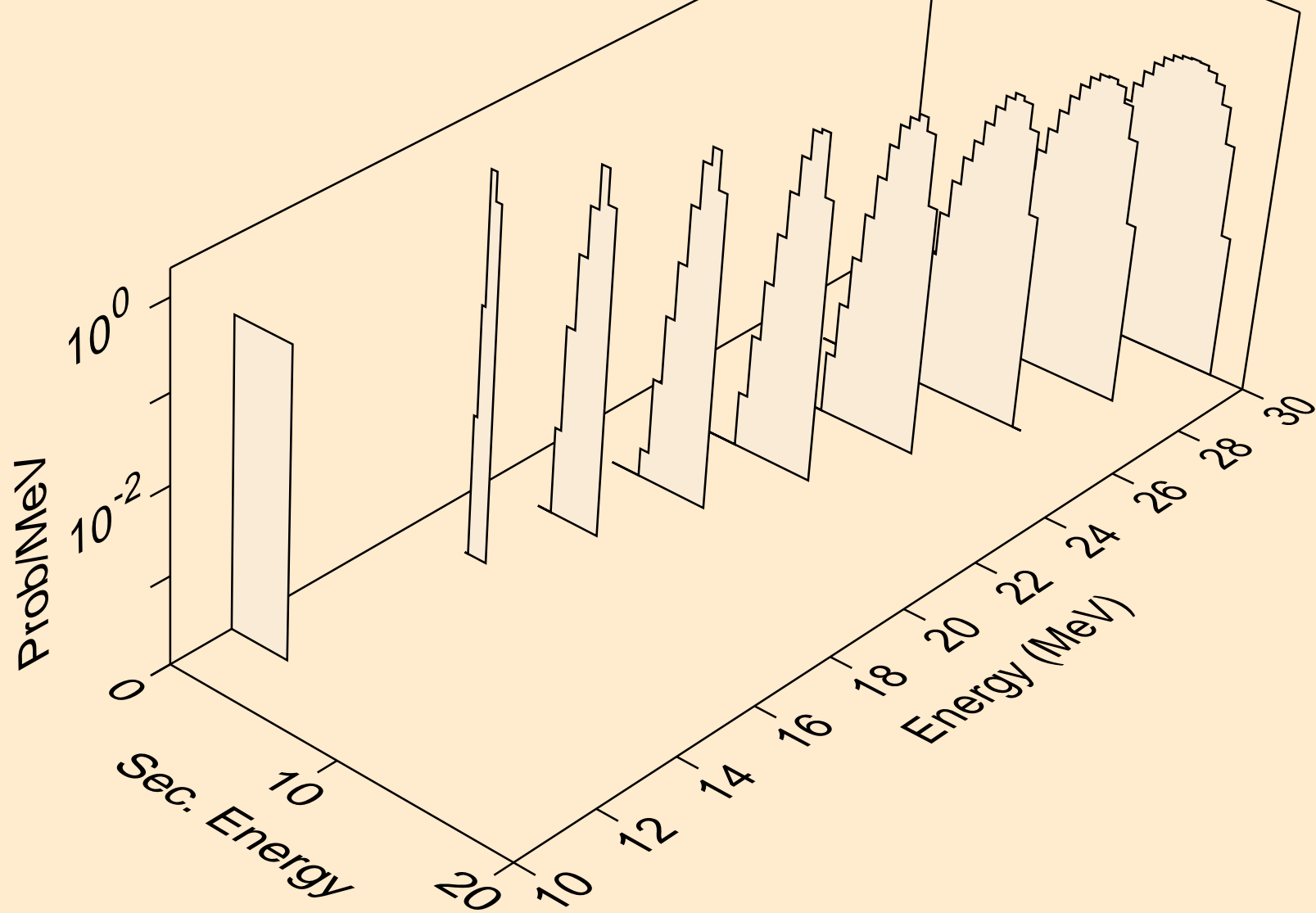
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

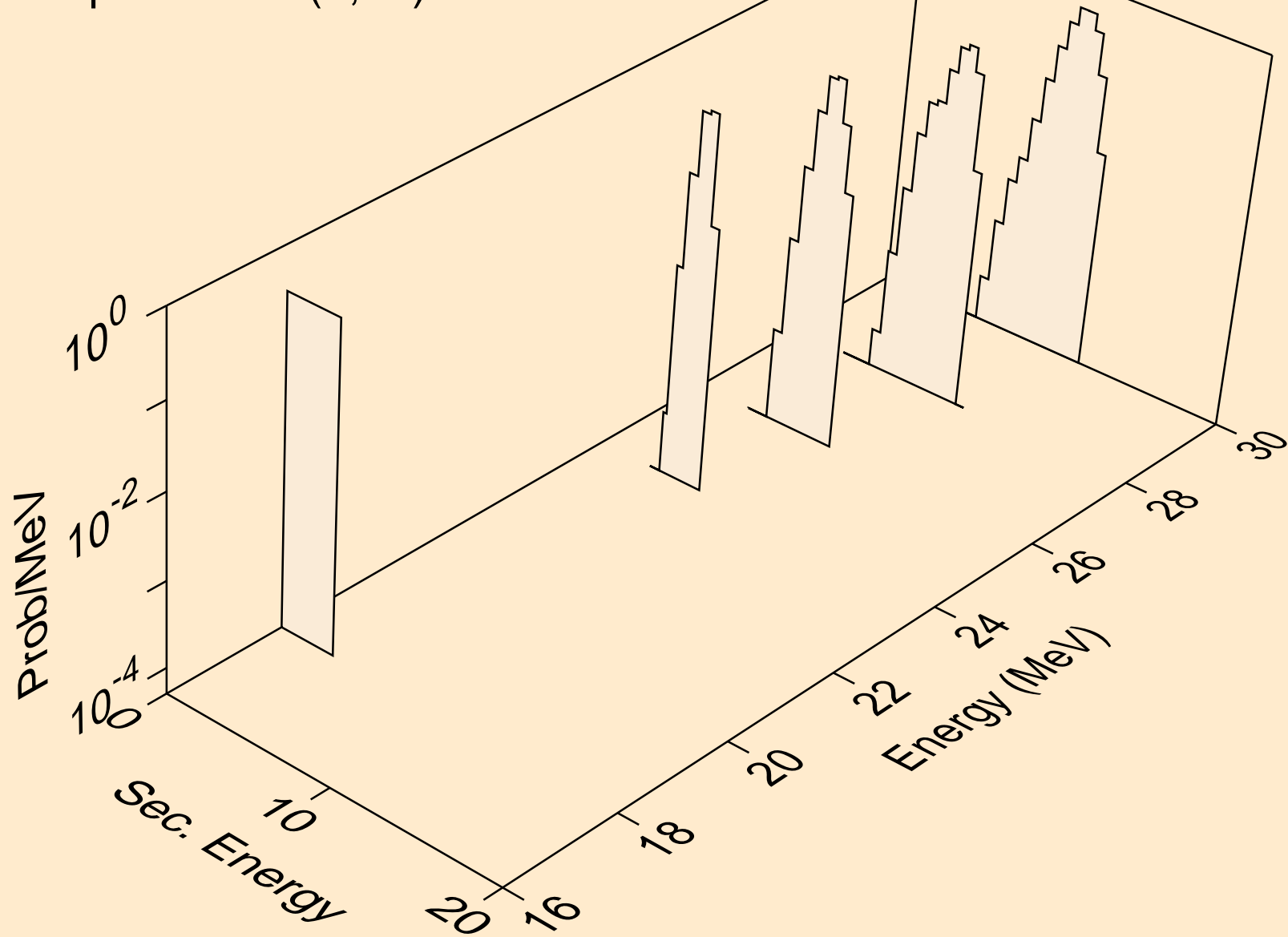


I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

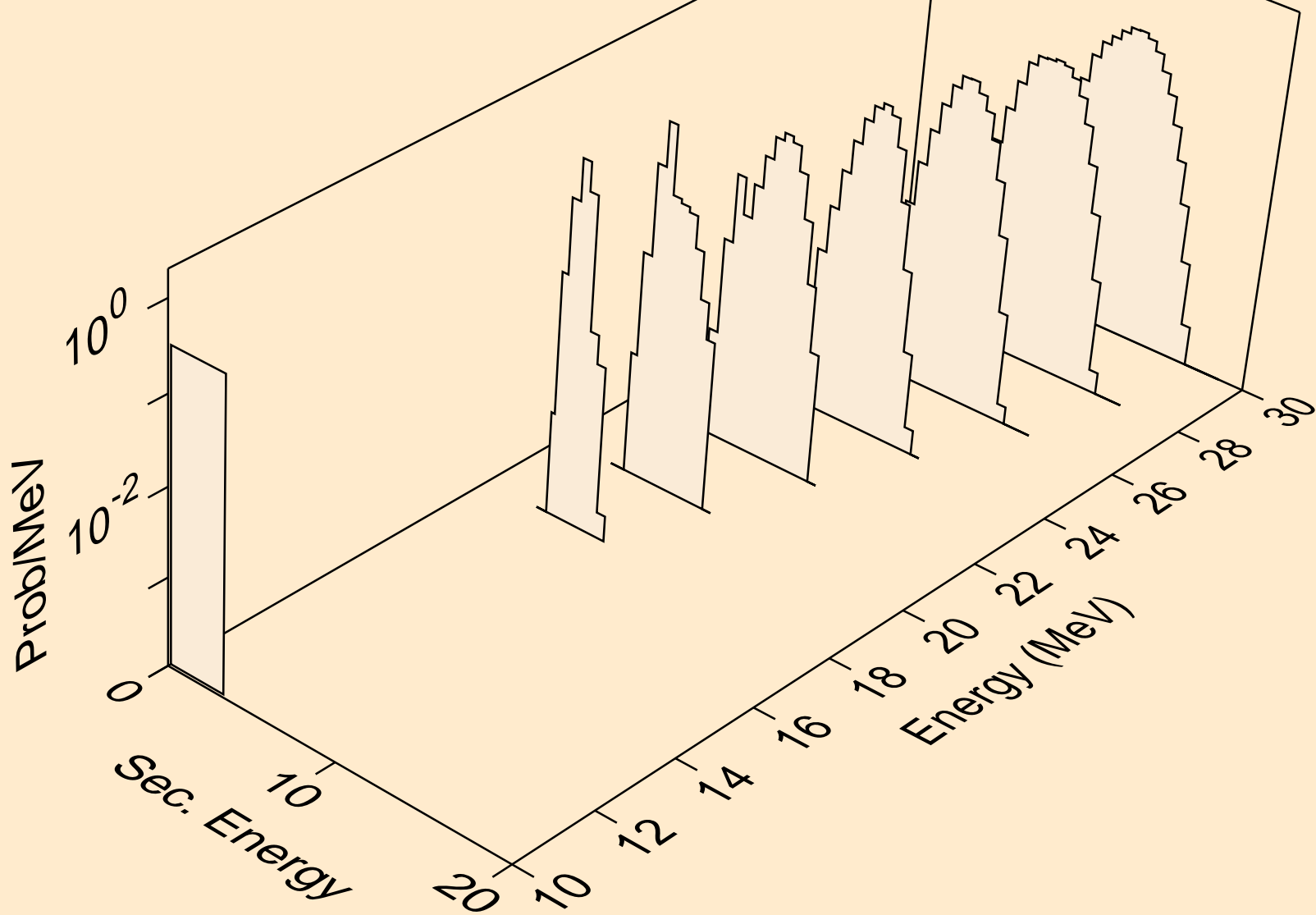




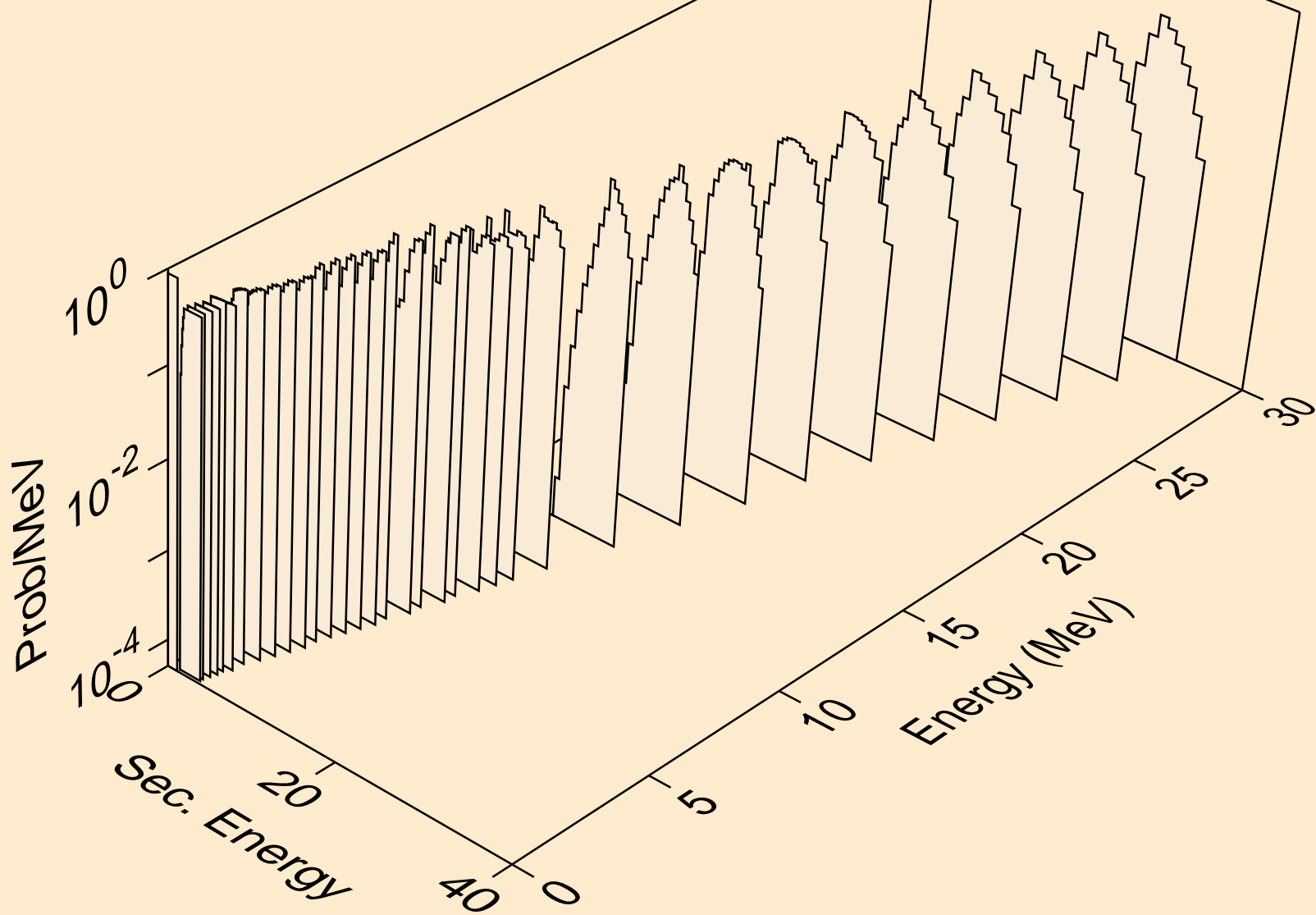
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



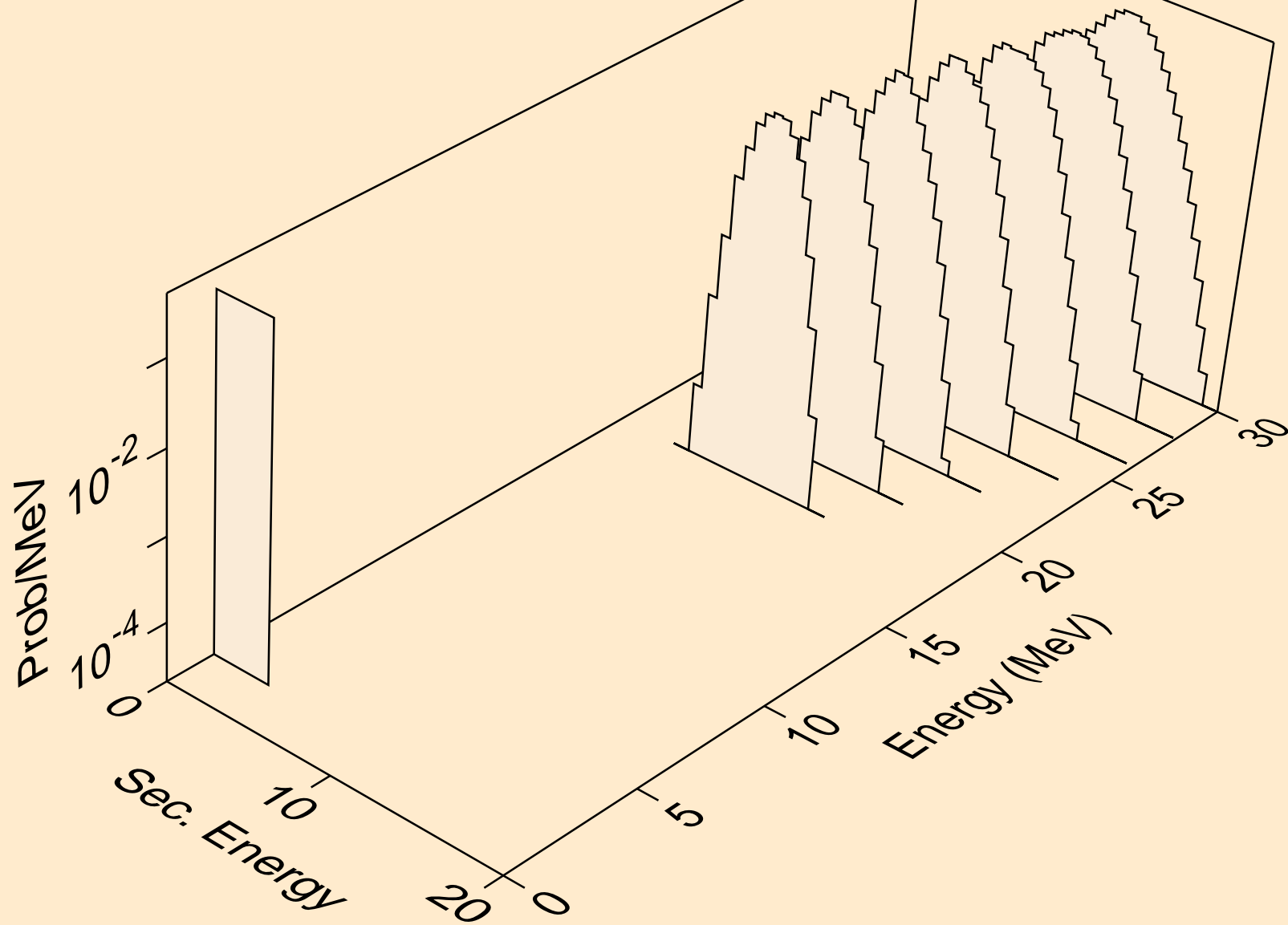
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



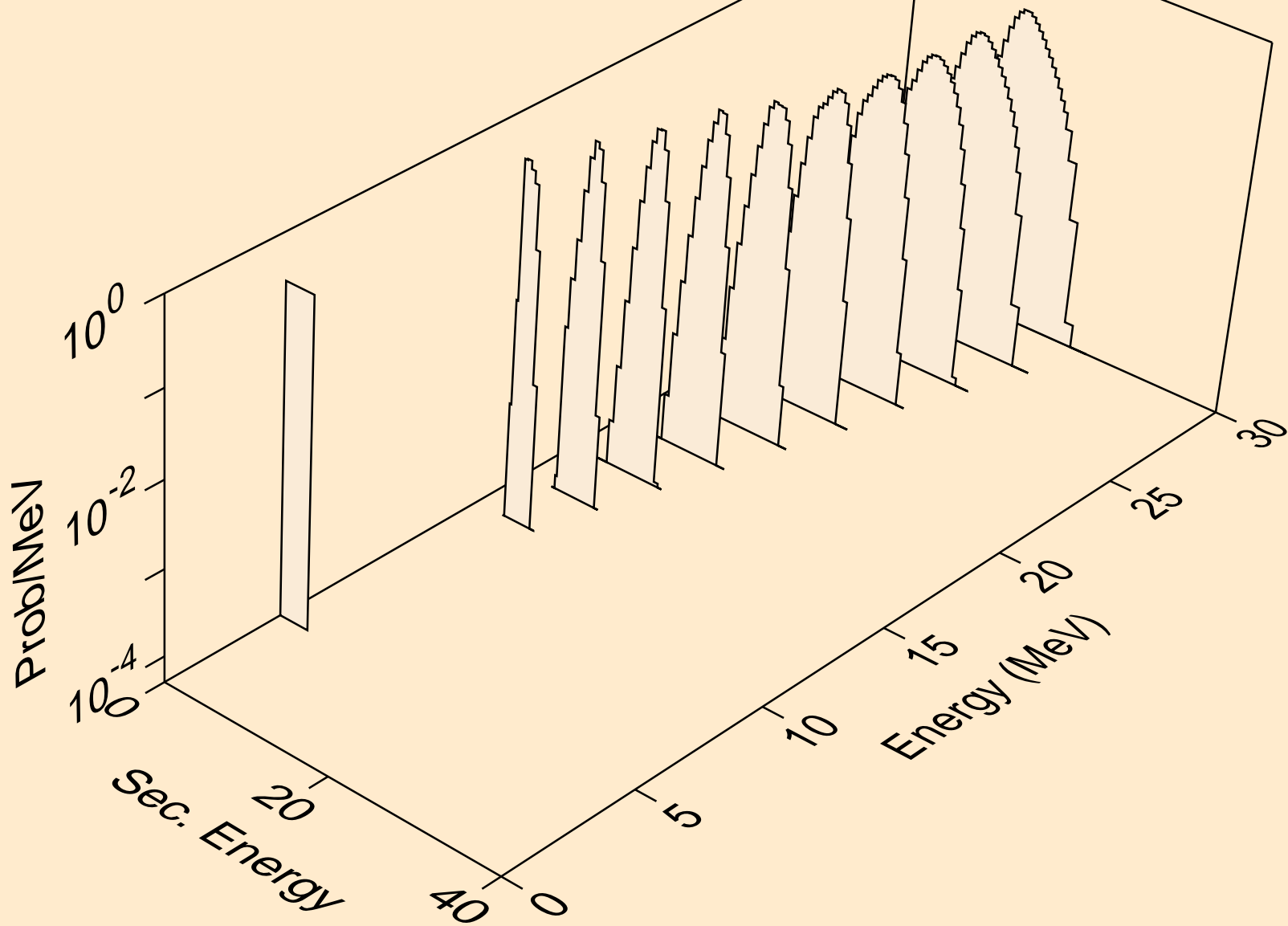
I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



I129 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

