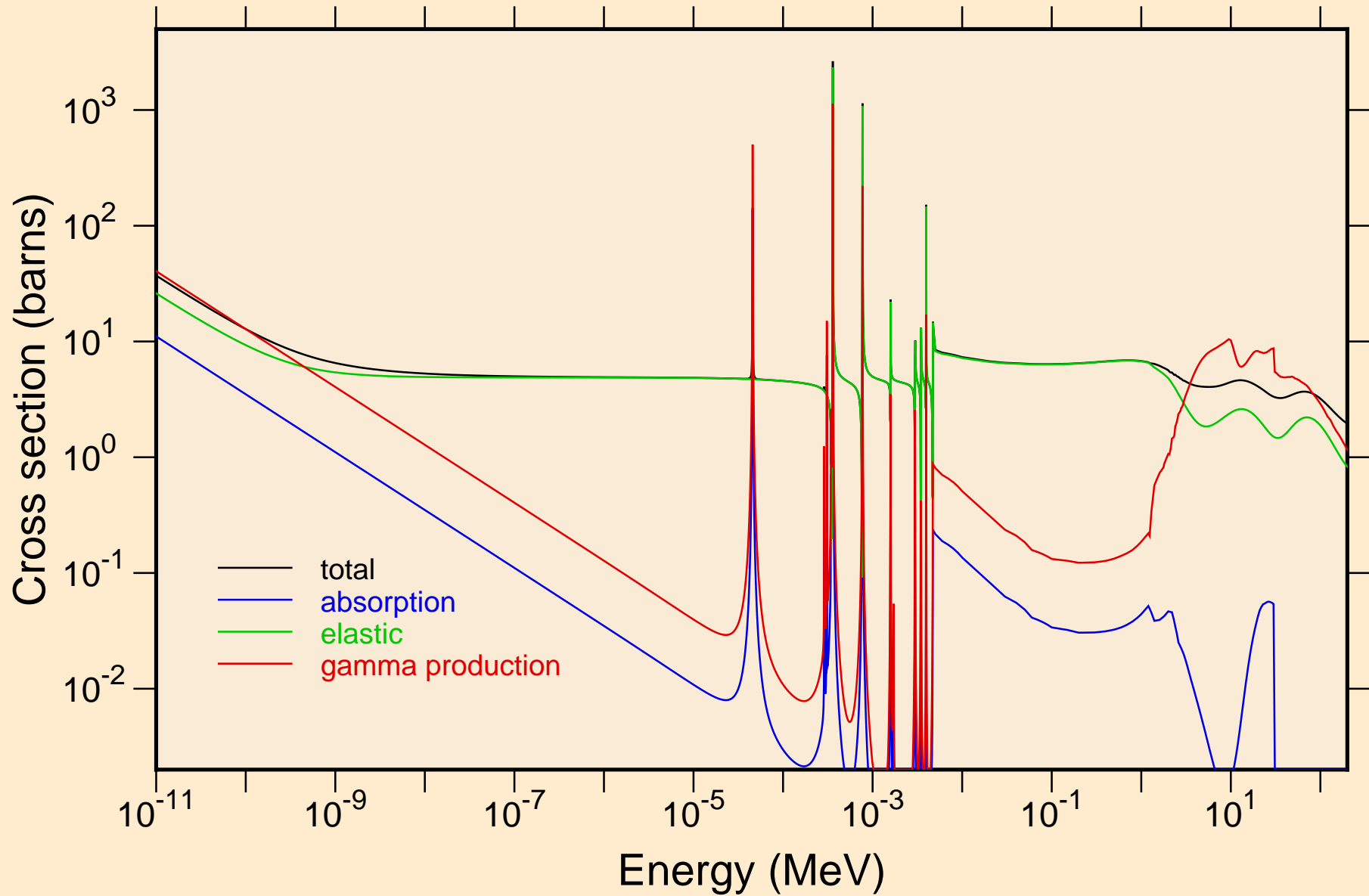
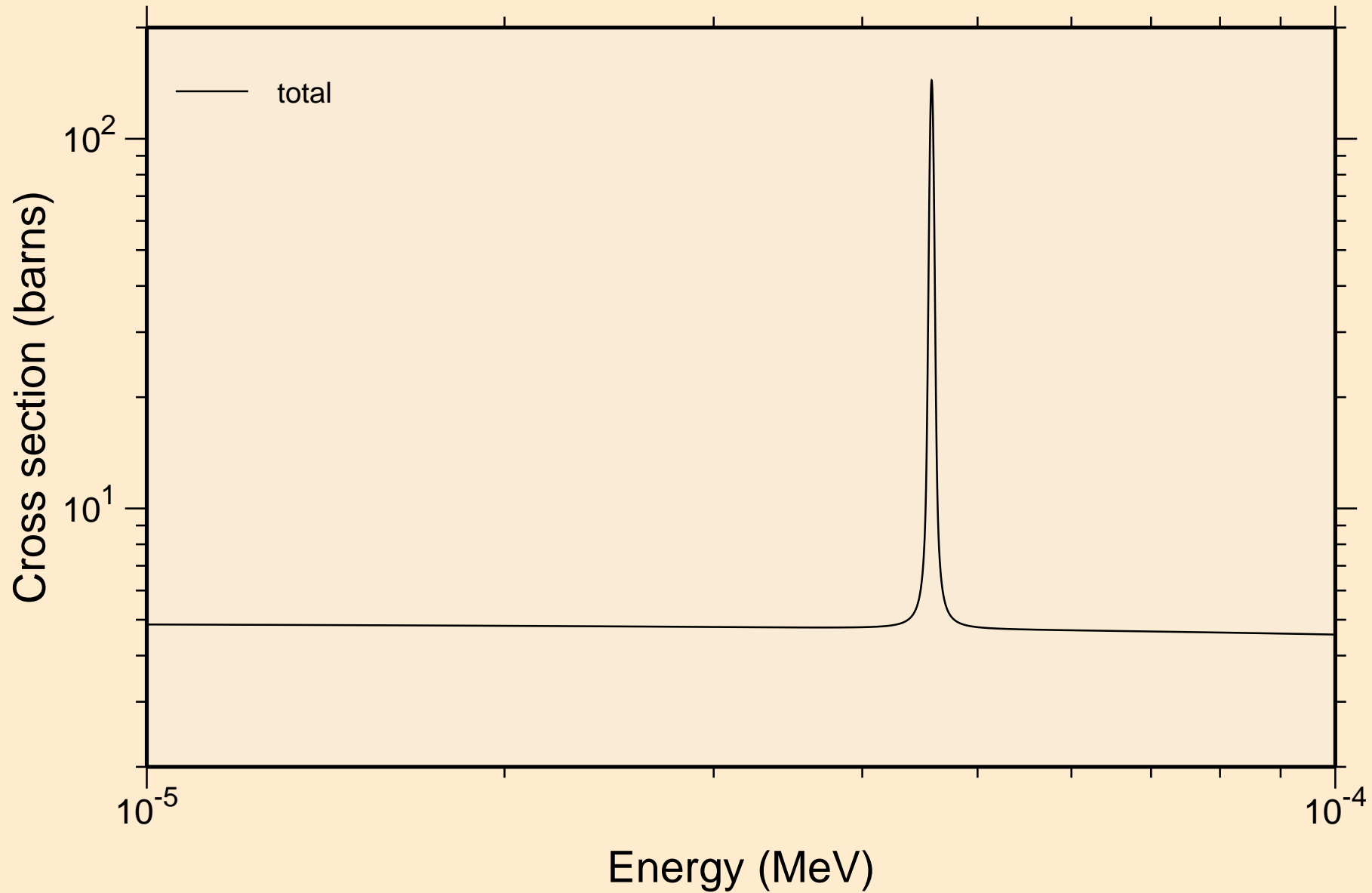


# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

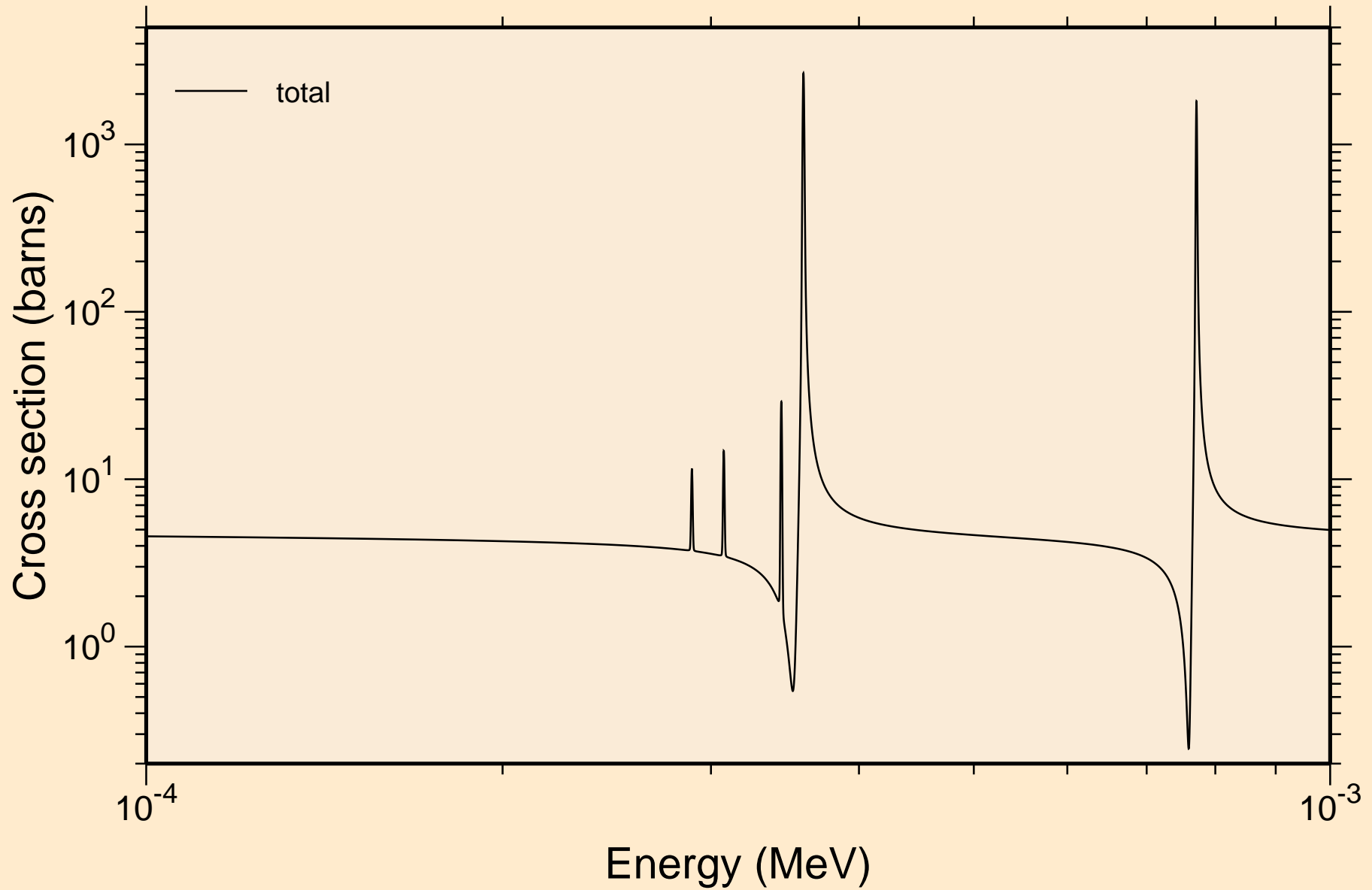
## Principal cross sections



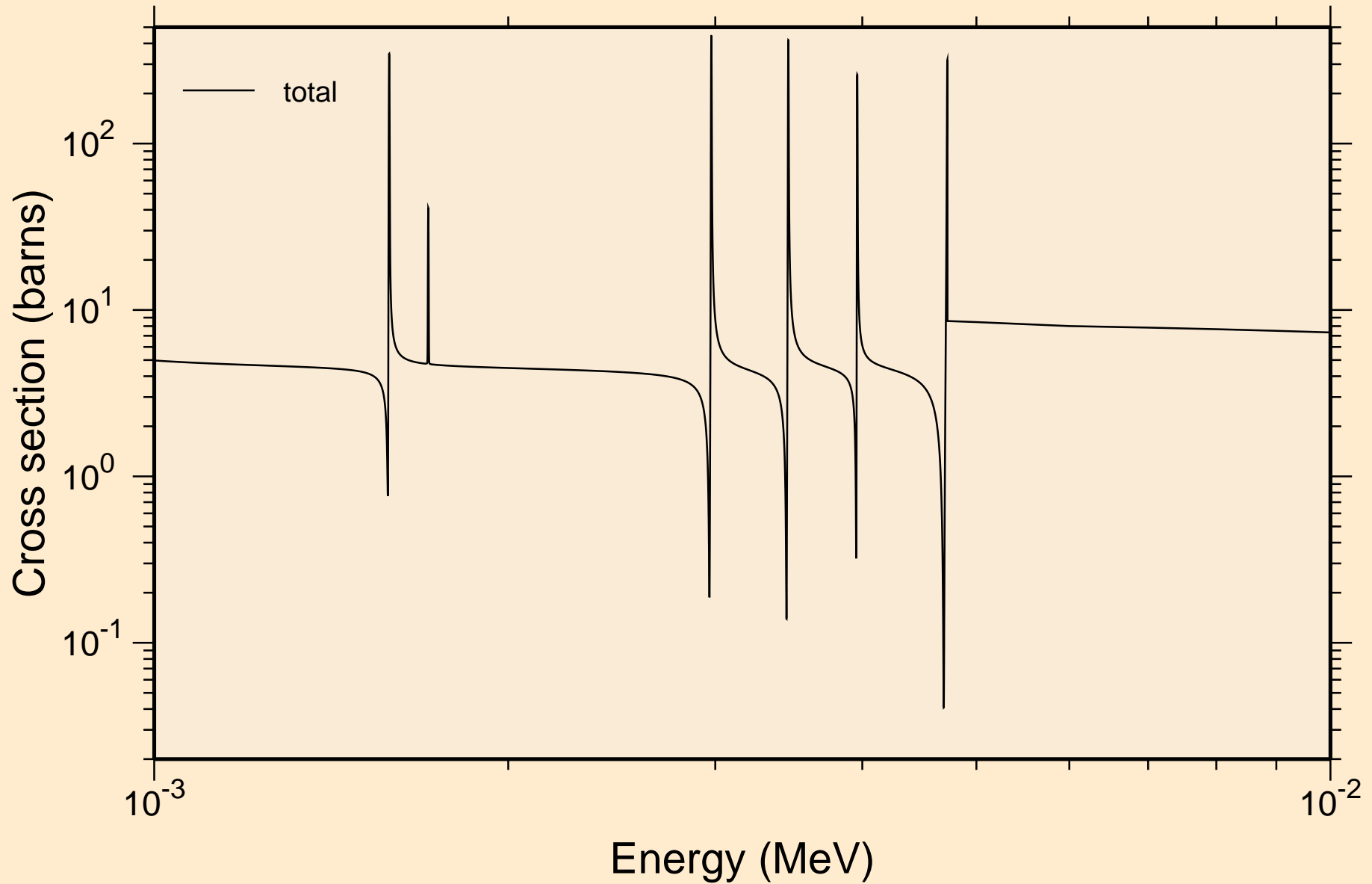
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



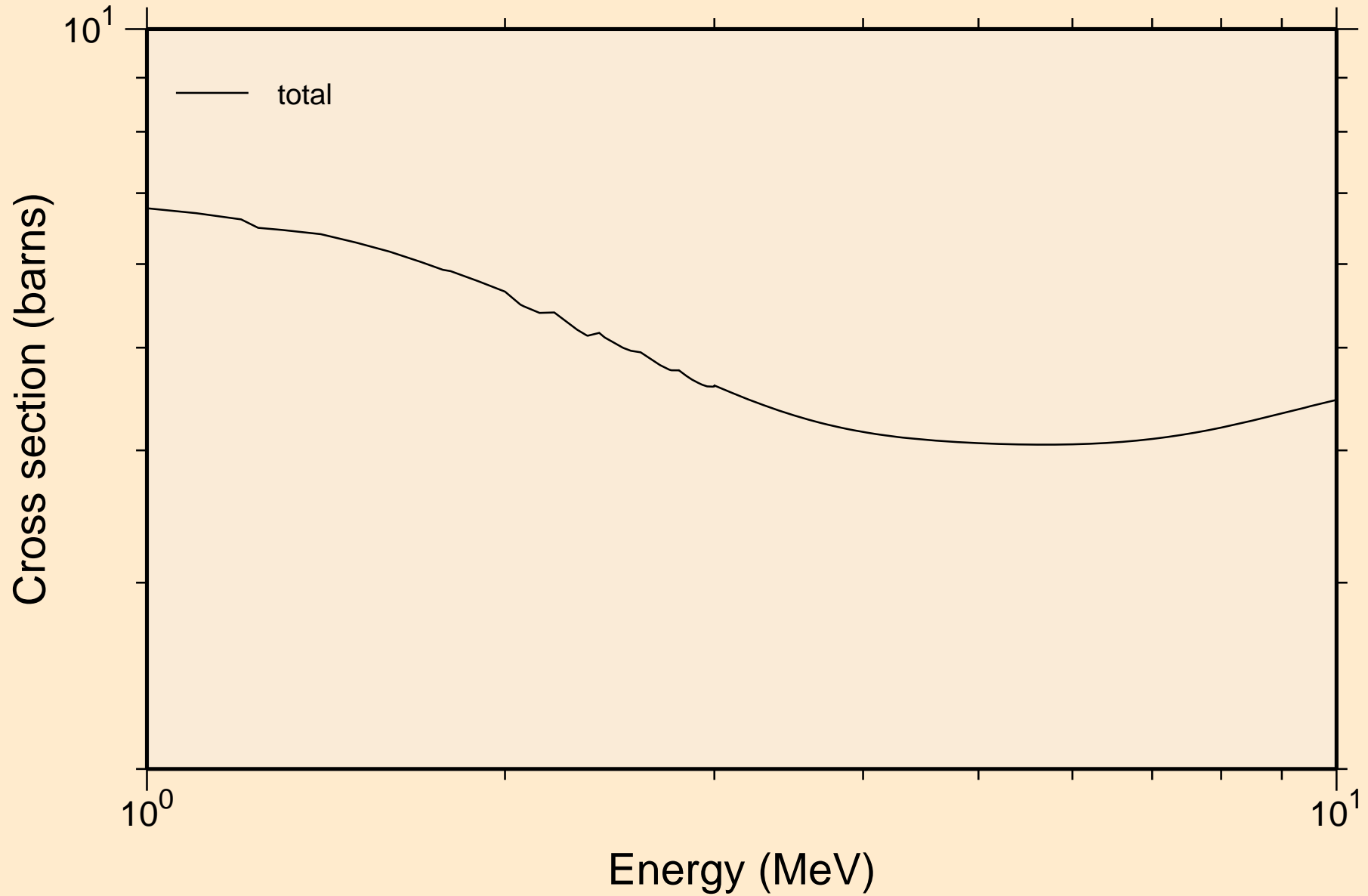
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



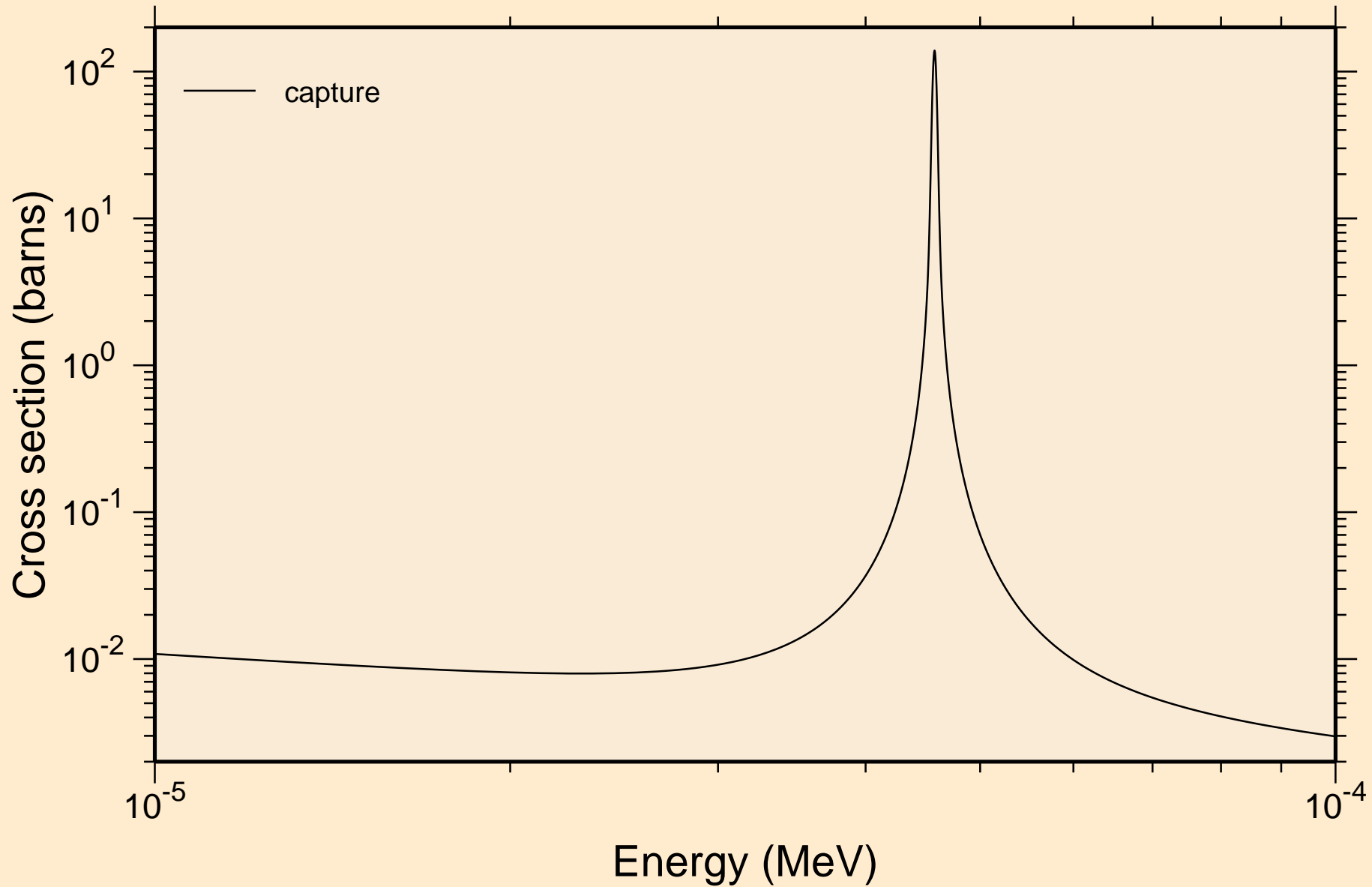
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



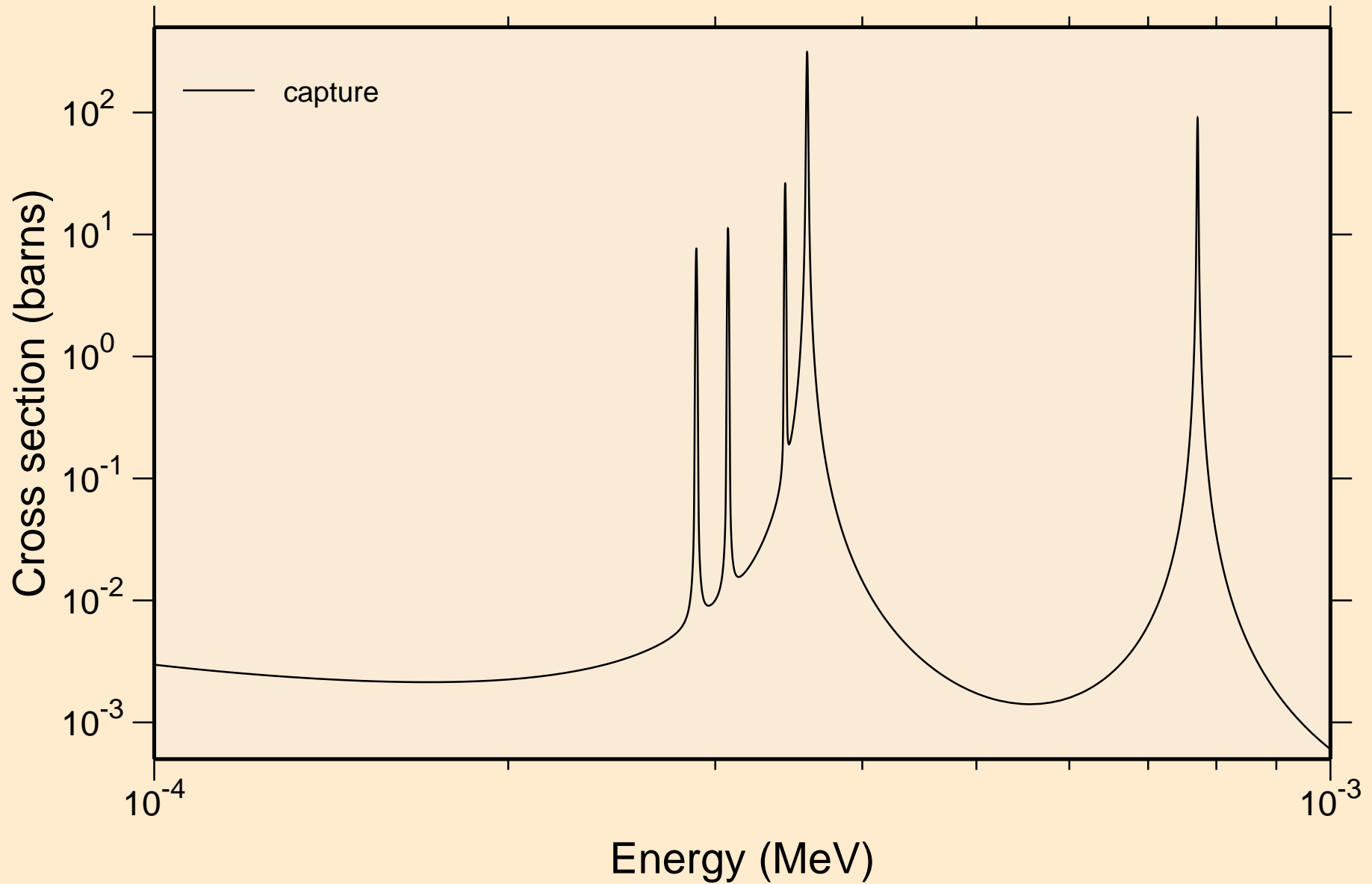
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



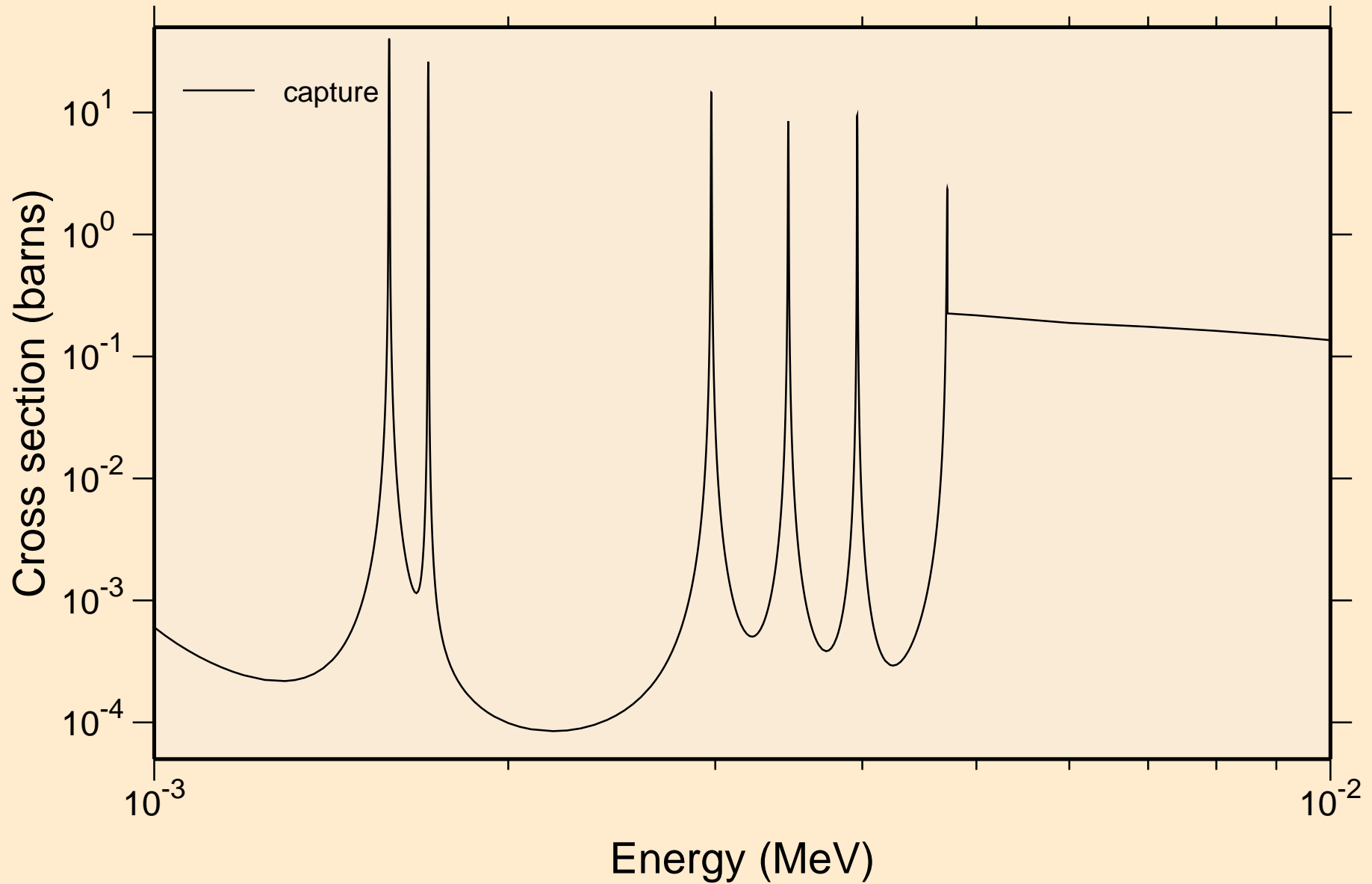
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

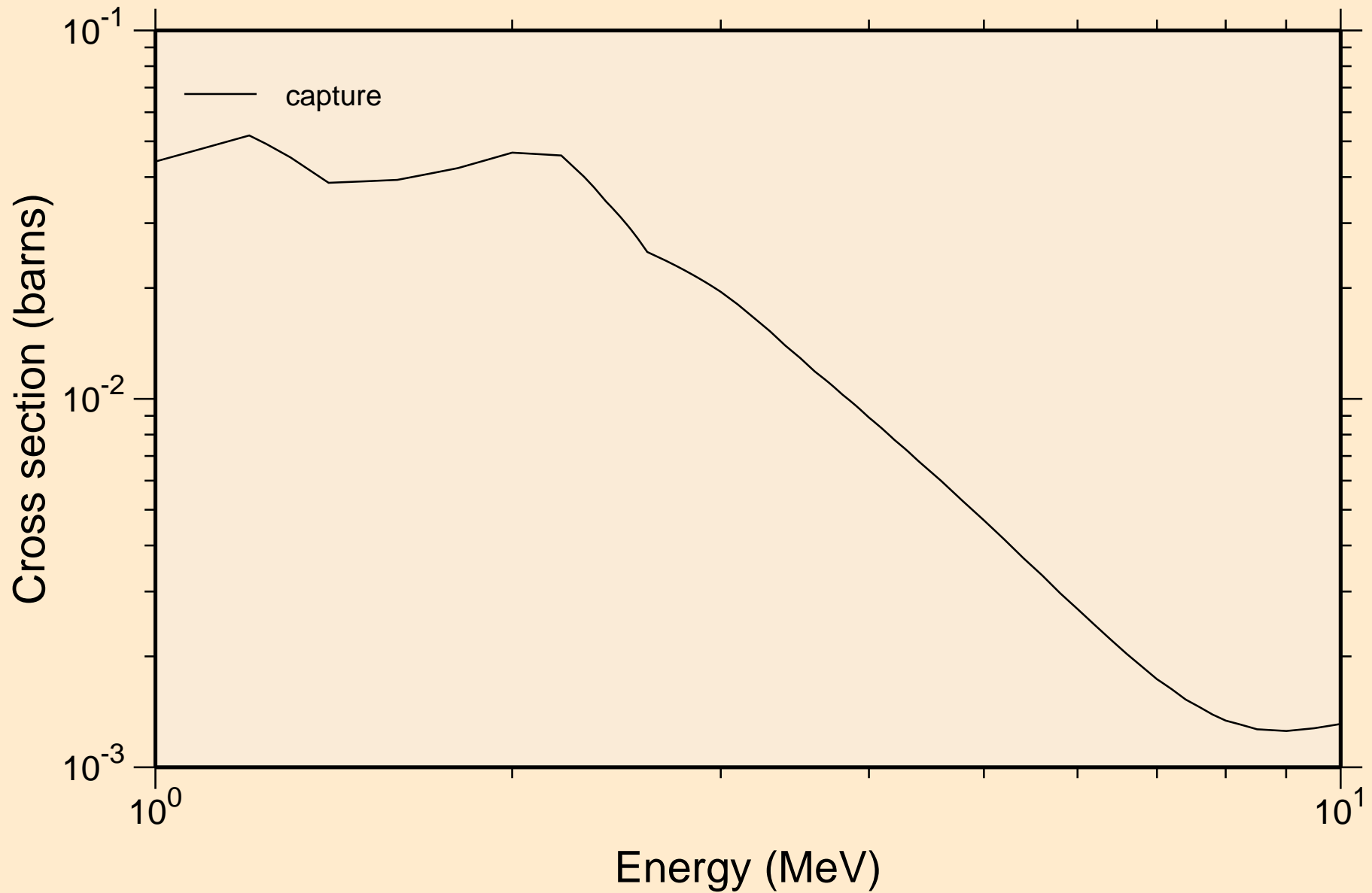


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

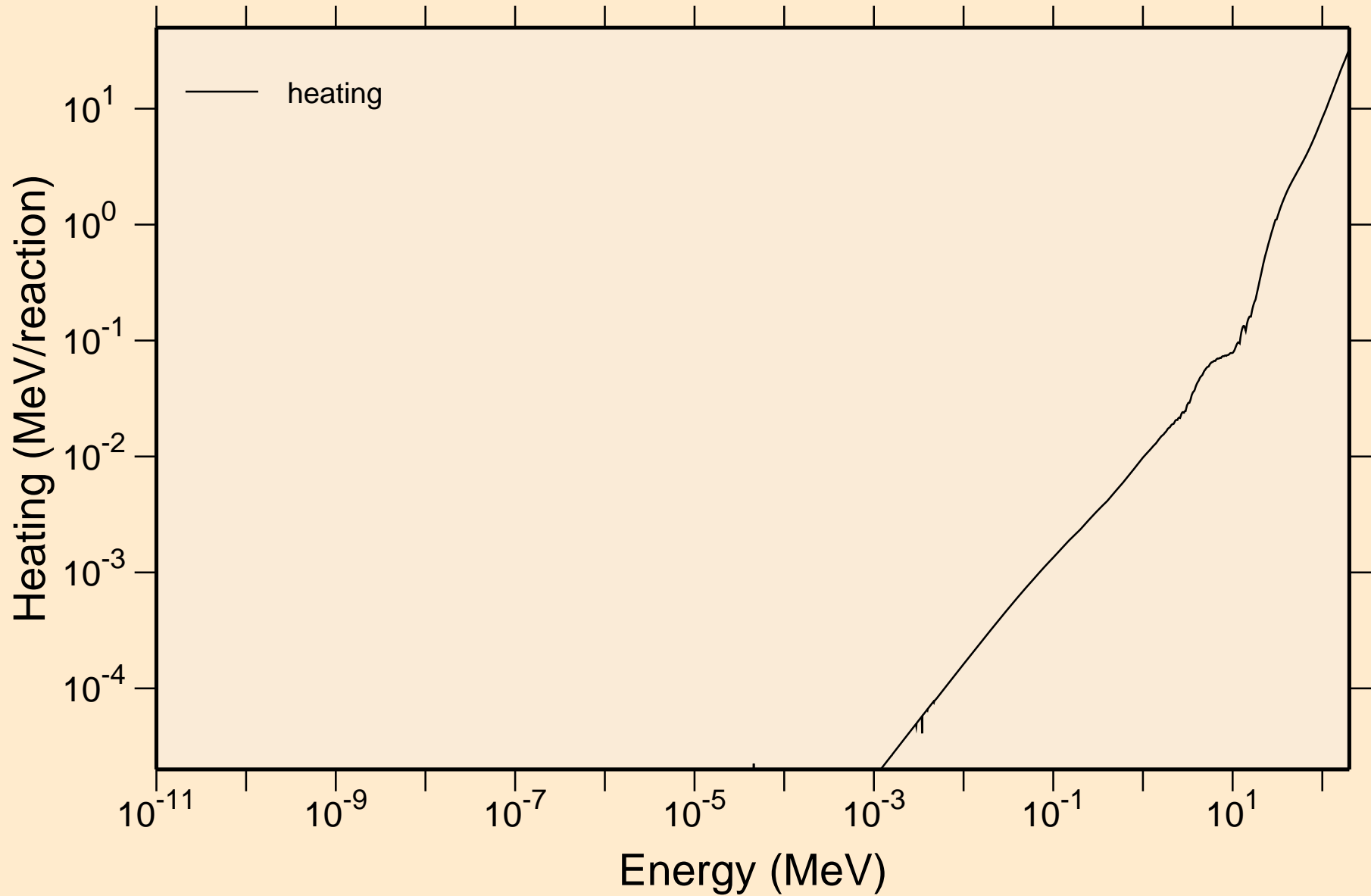




SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

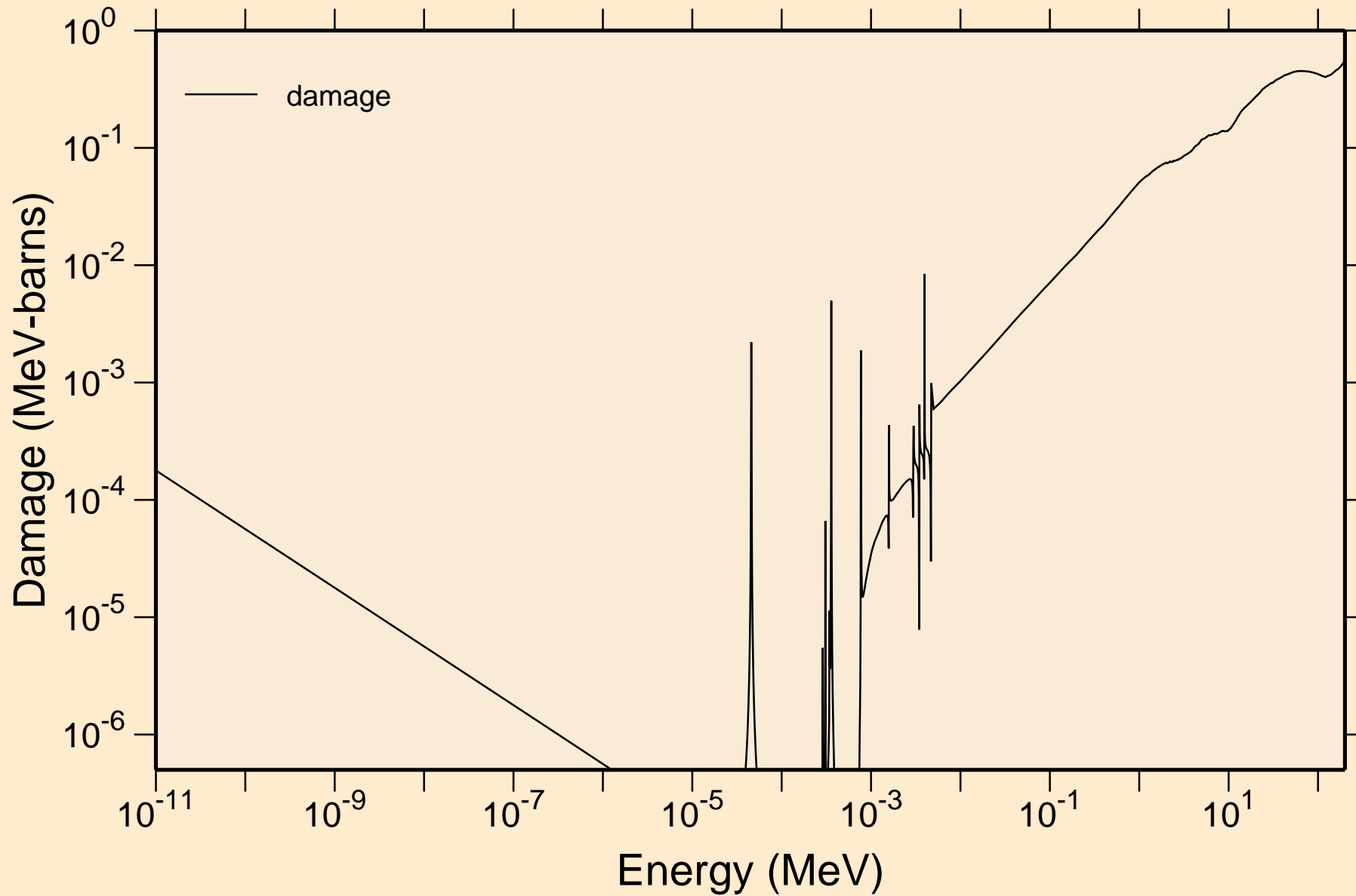


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

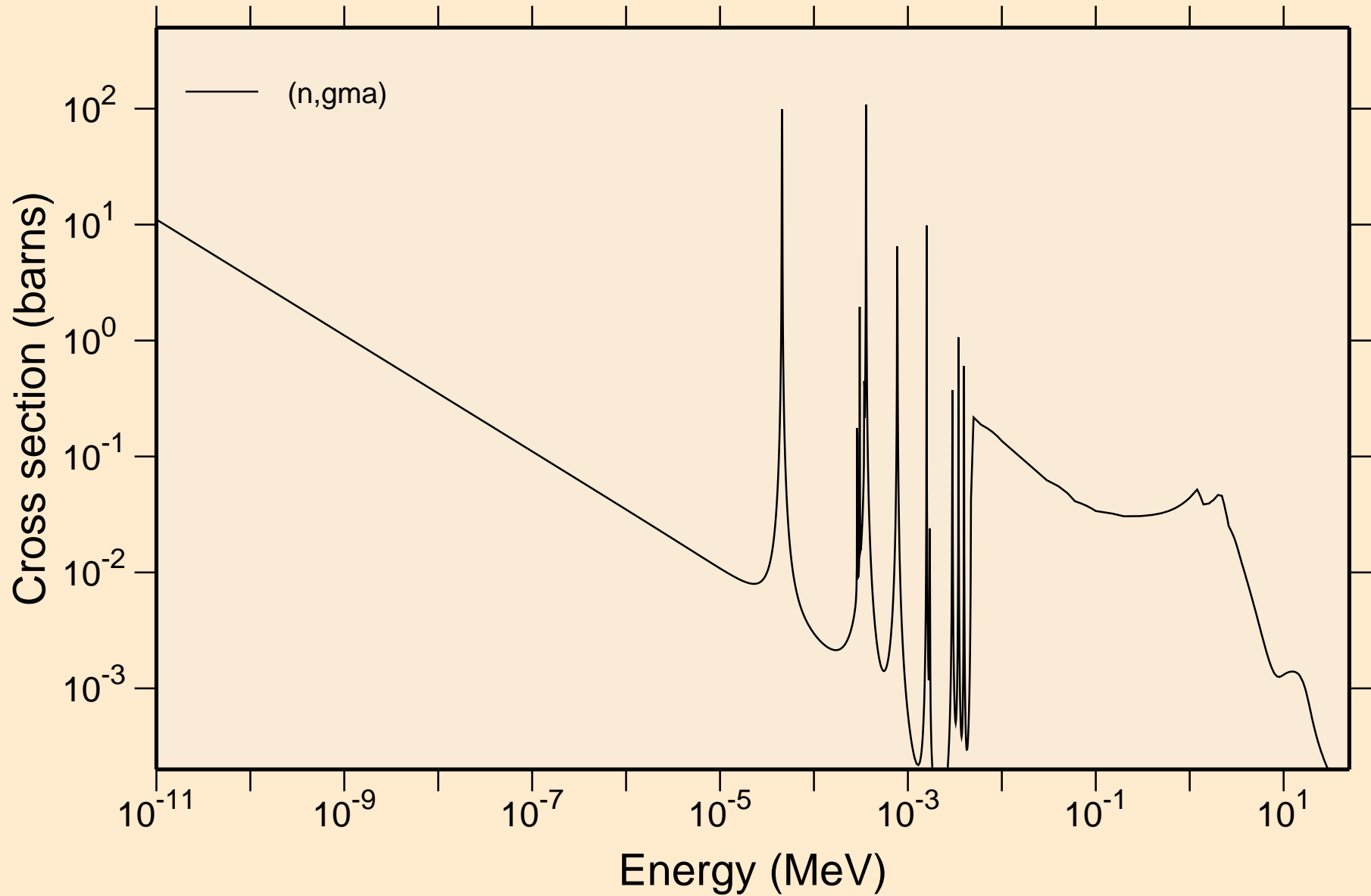


# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage

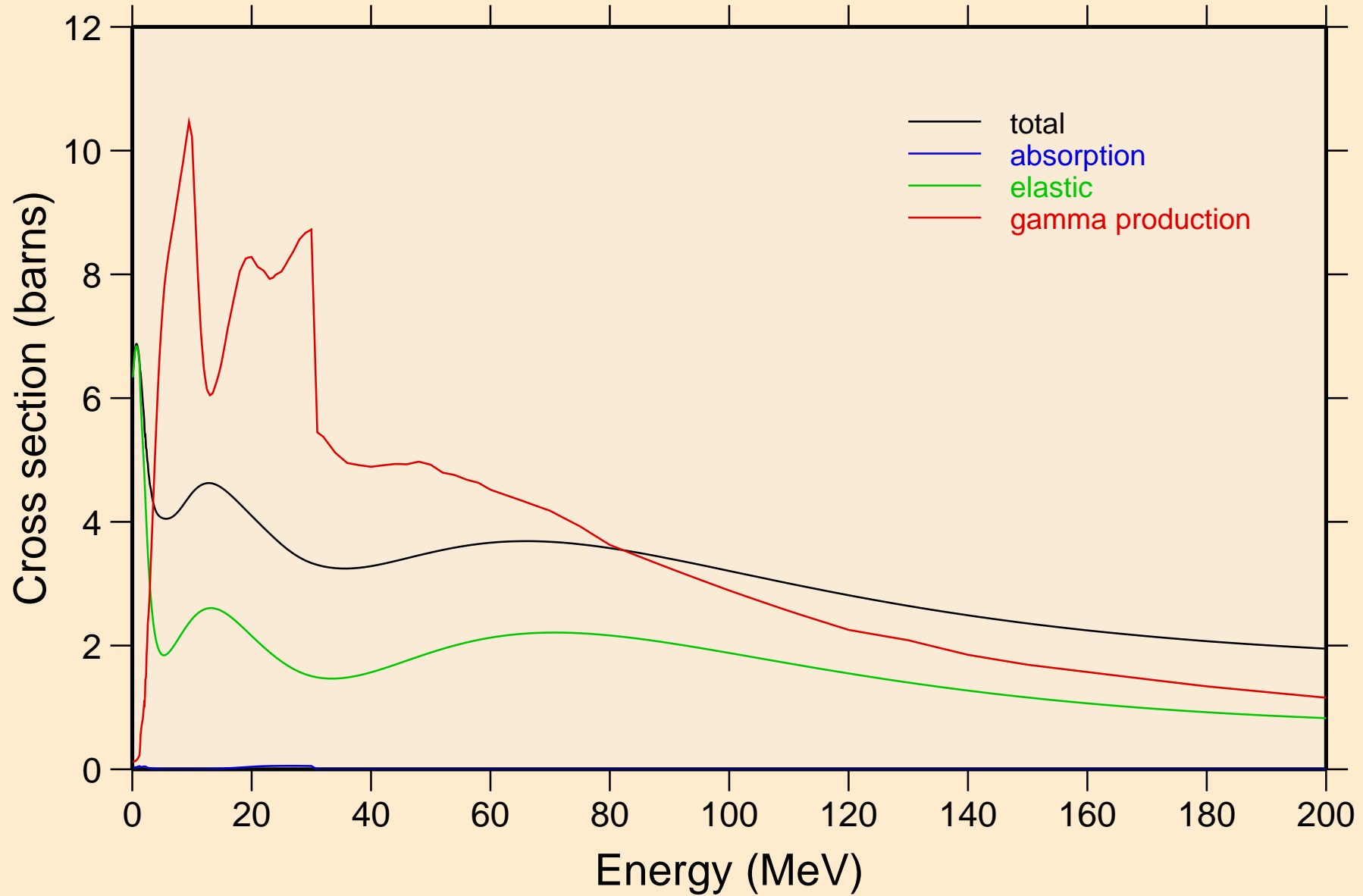


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

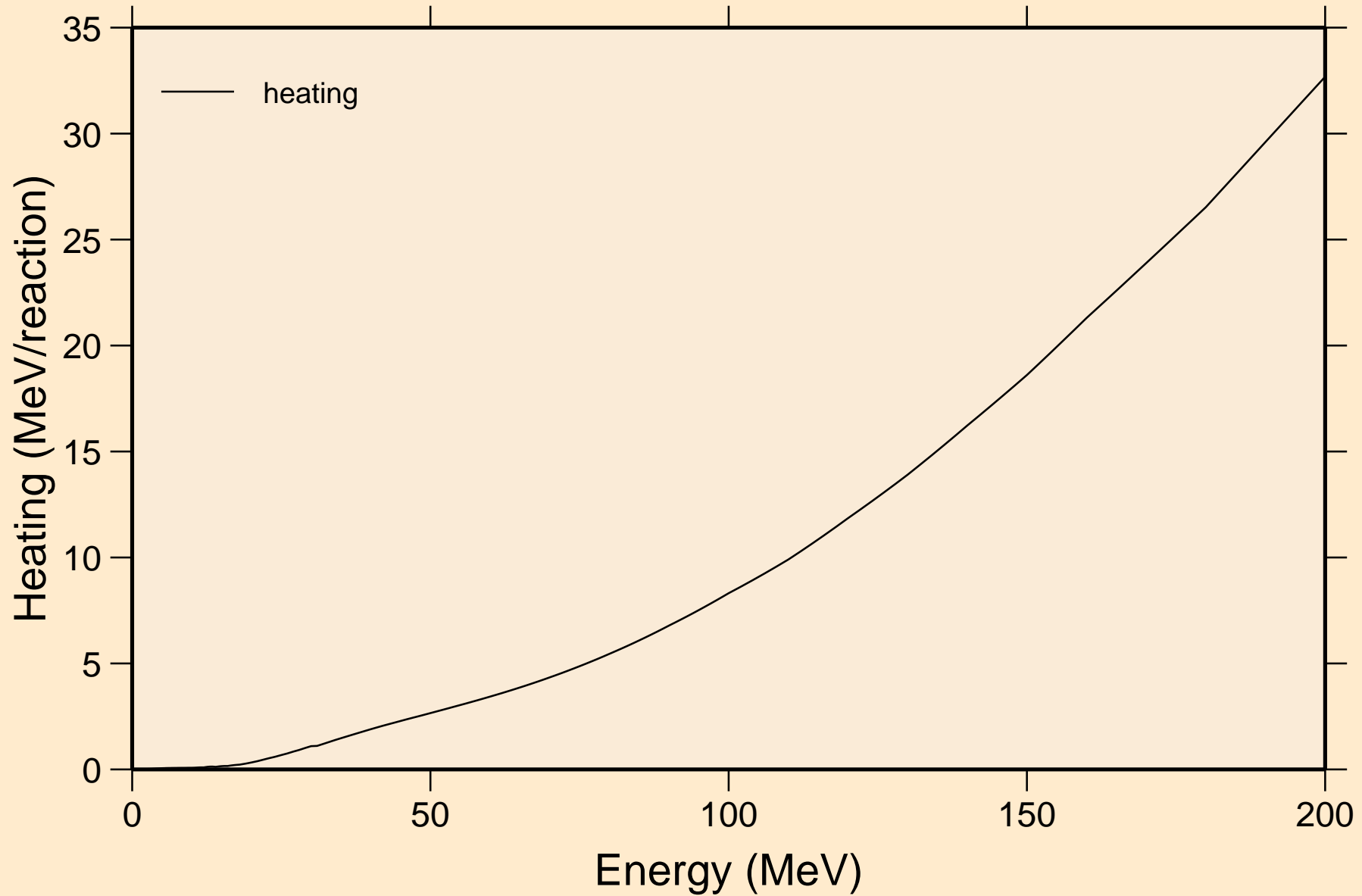


# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

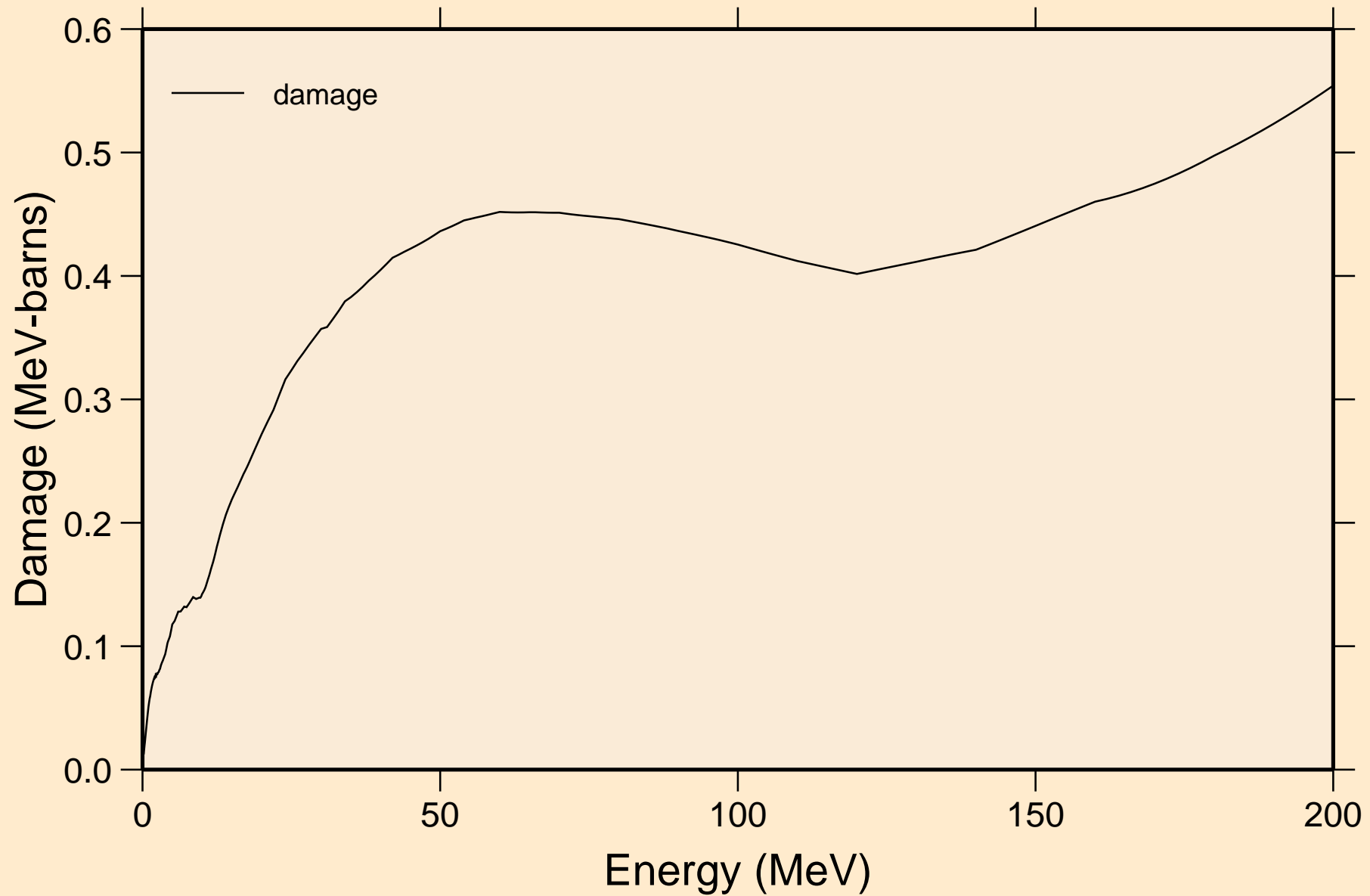
## Principal cross sections



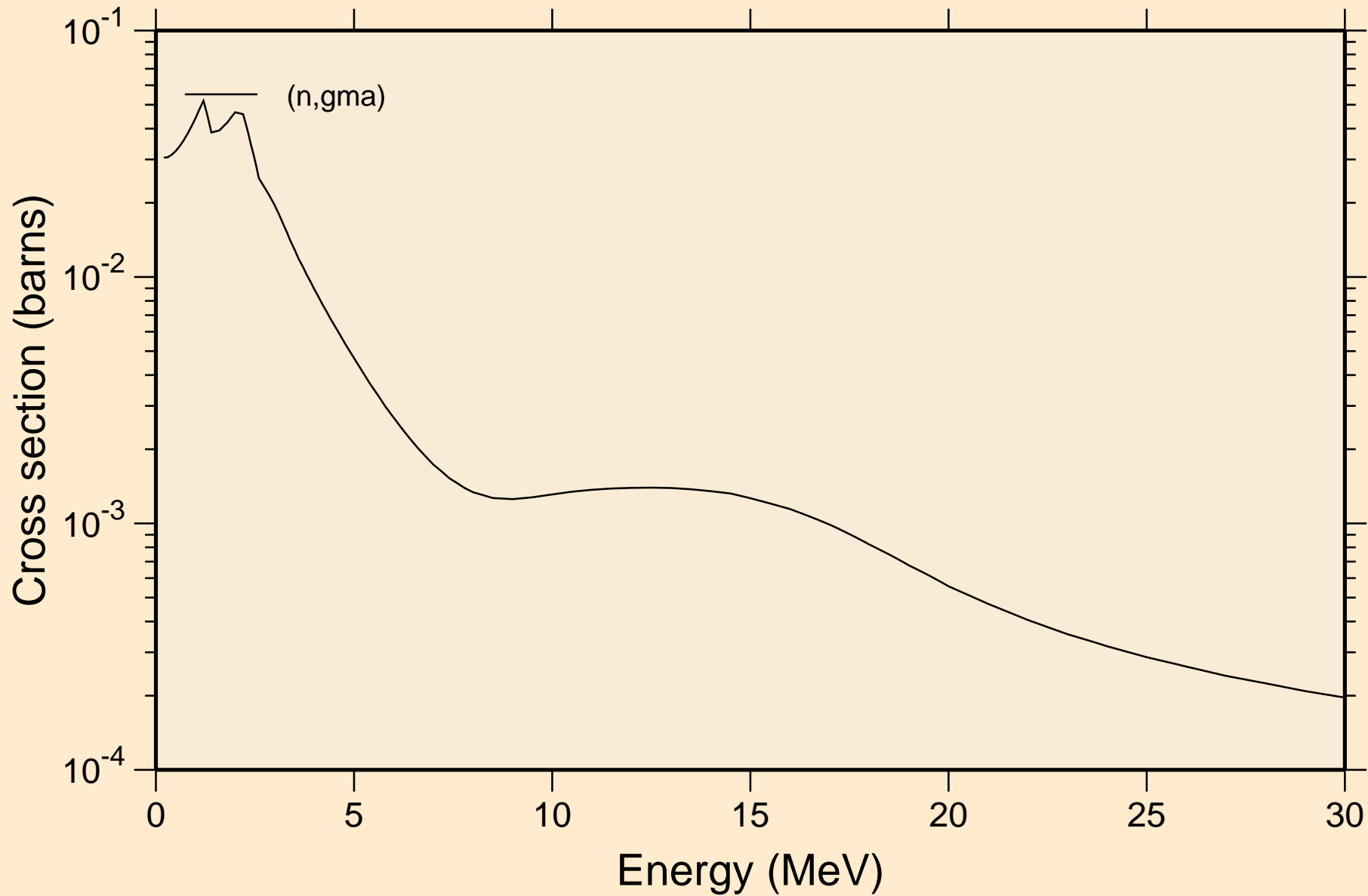
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Damage



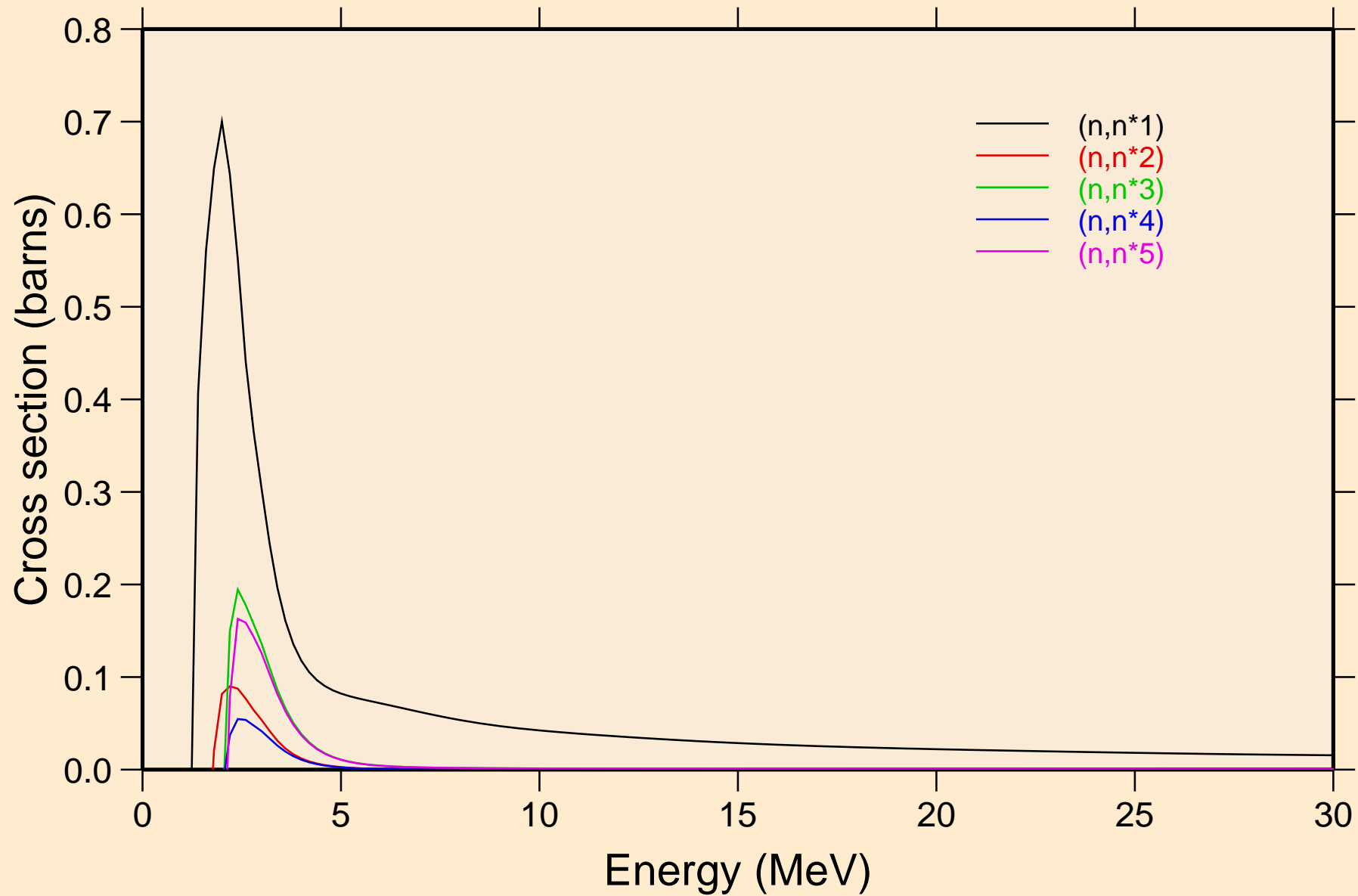
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions





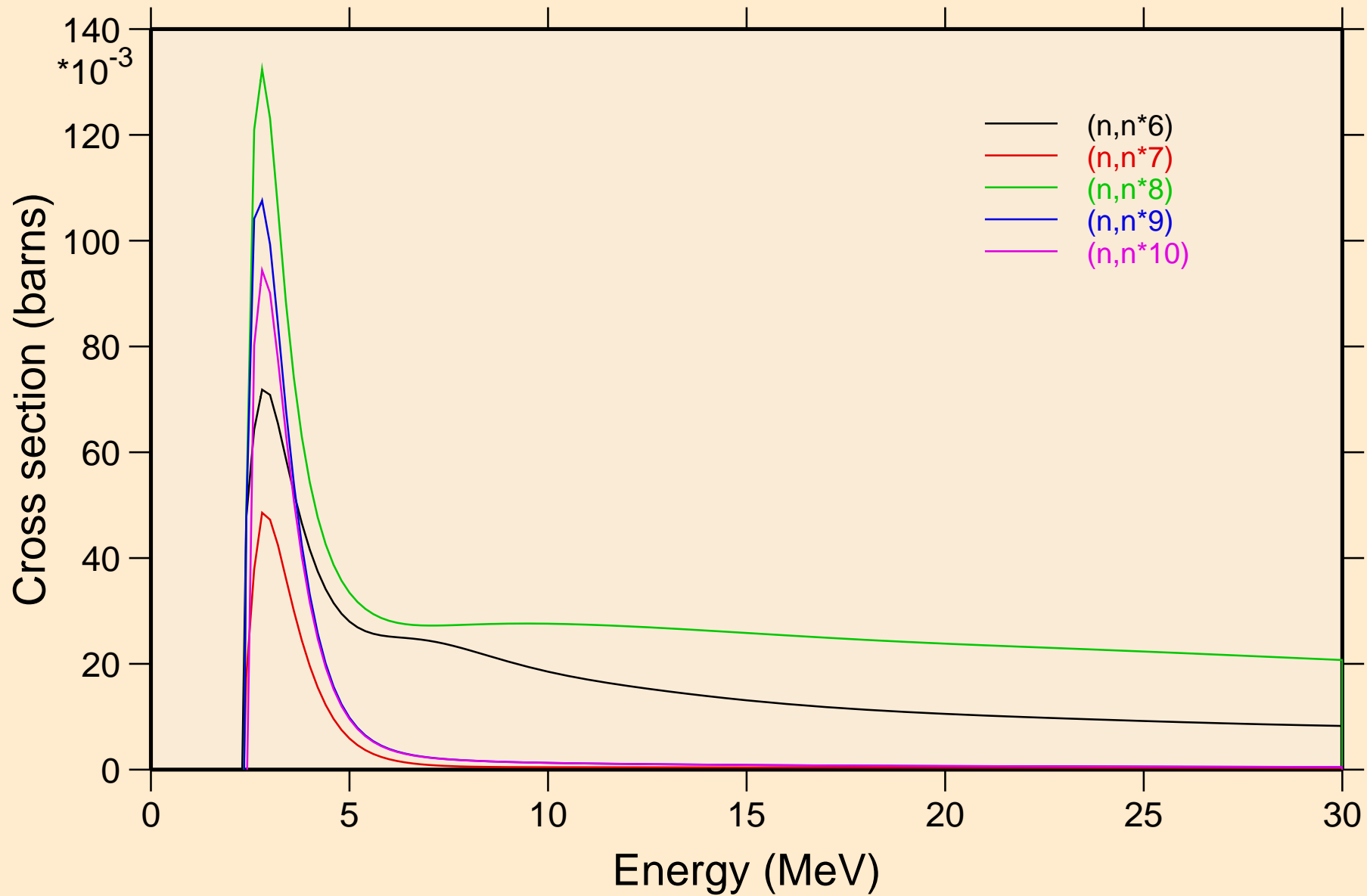
# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Inelastic levels



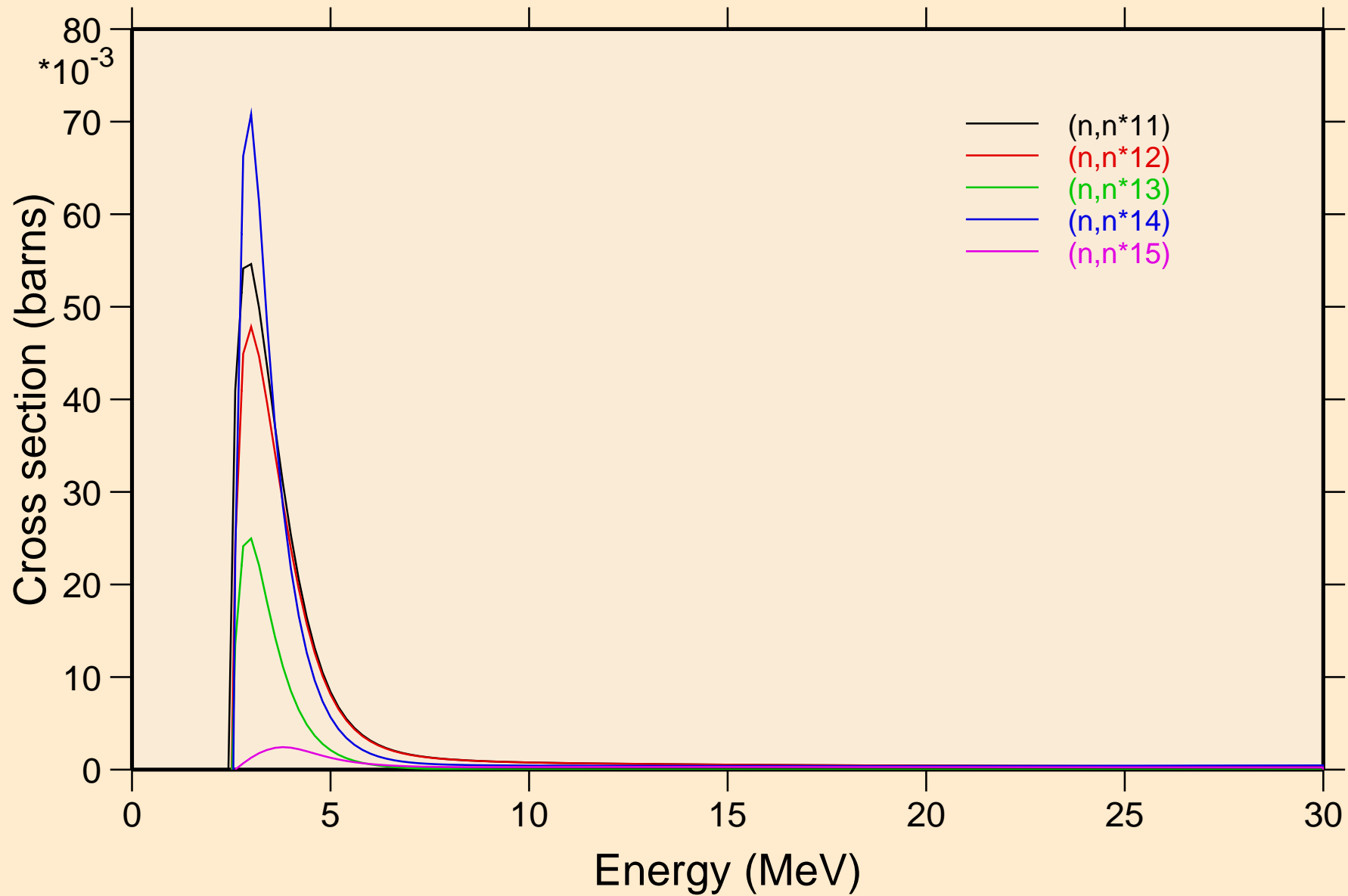
# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Inelastic levels



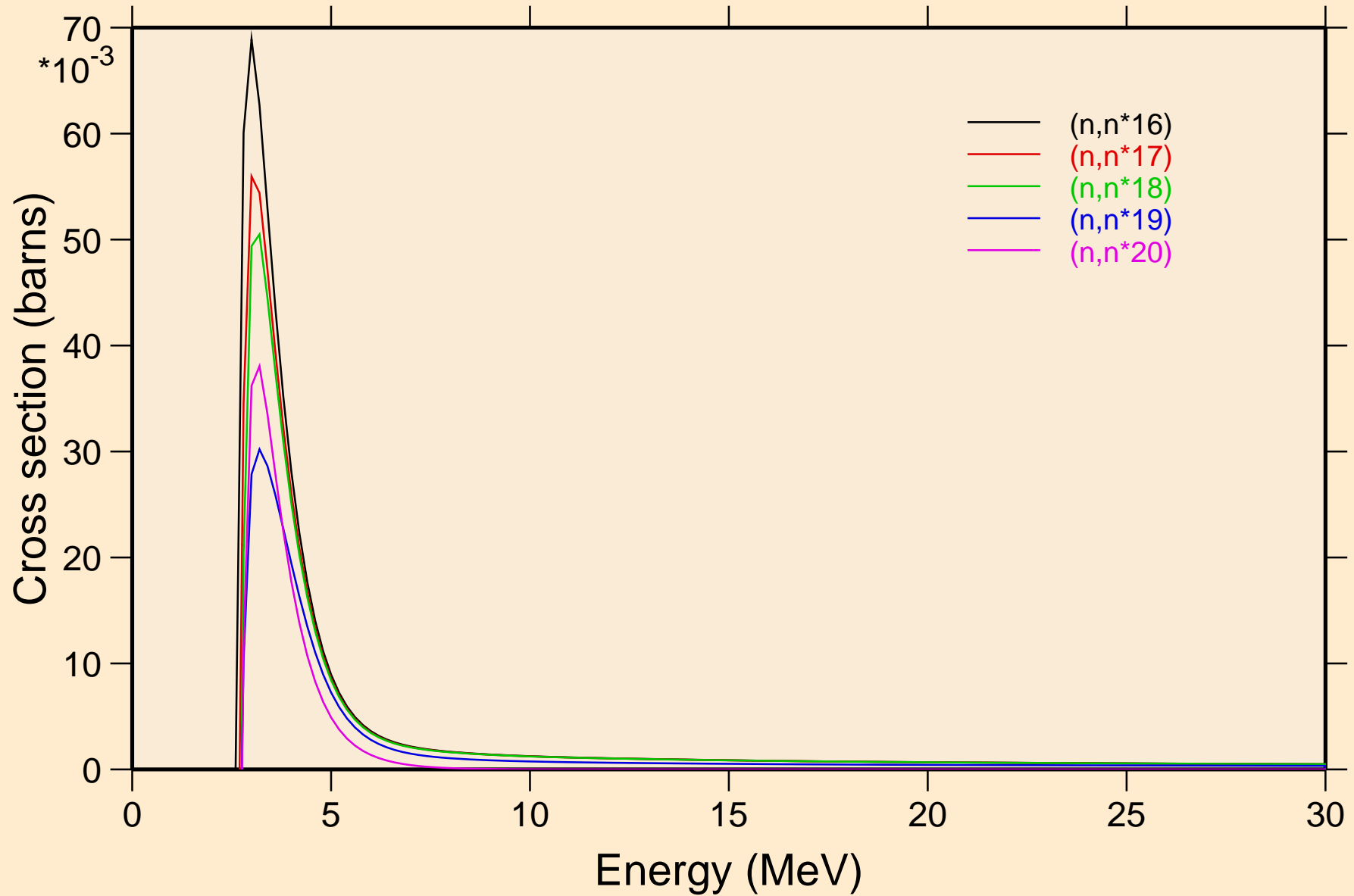
# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Inelastic levels

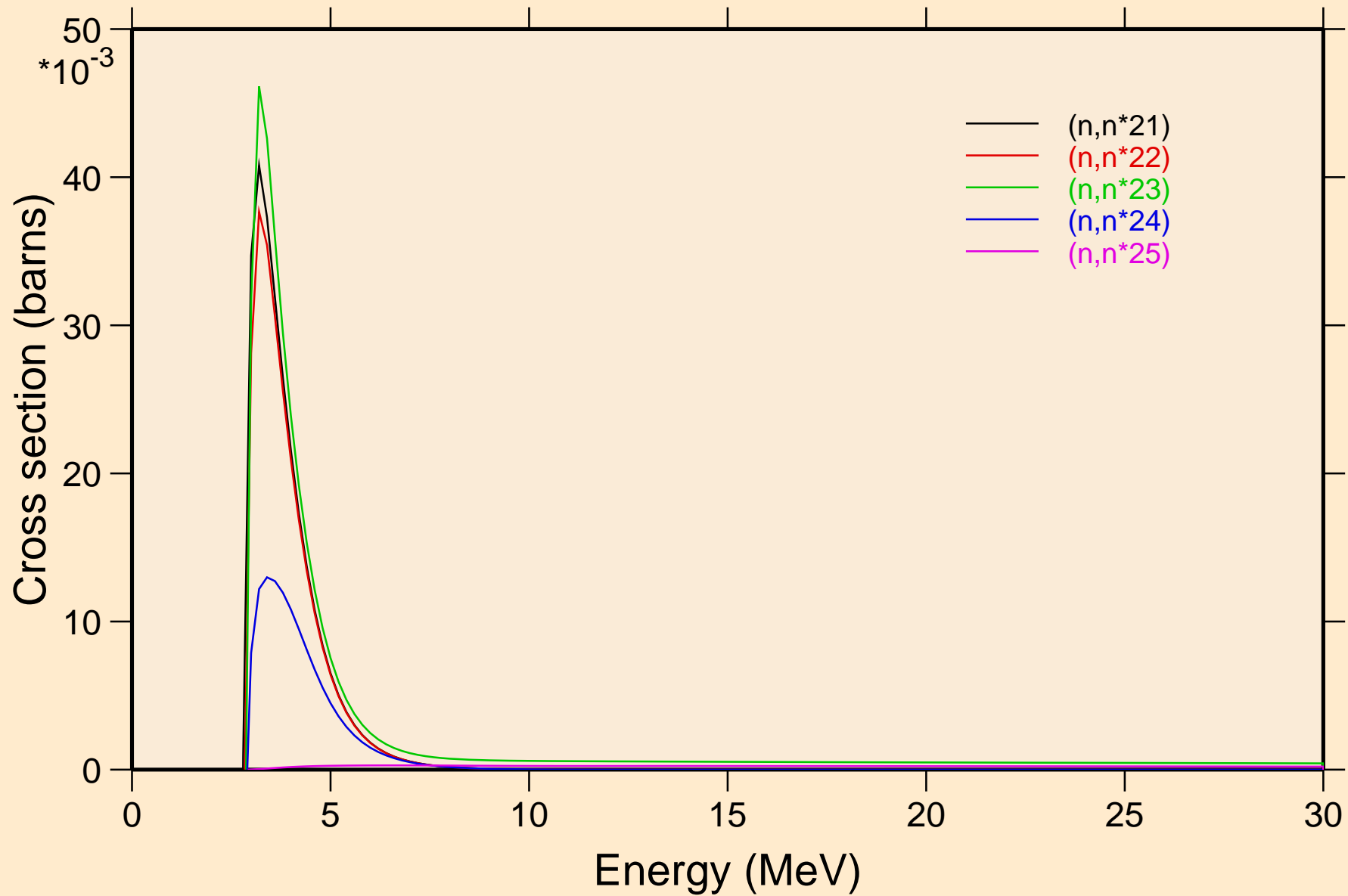


# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

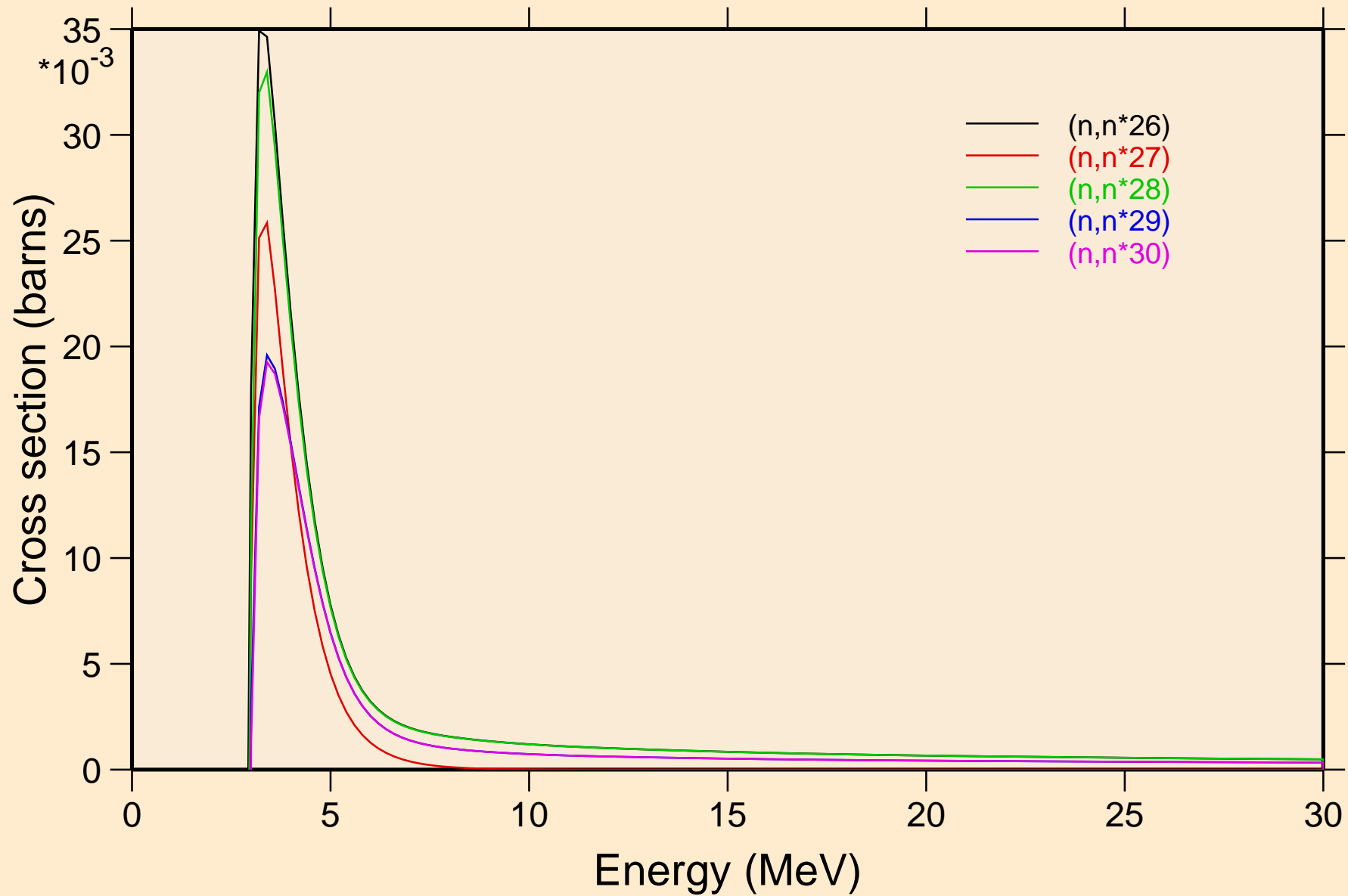
## Inelastic levels



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

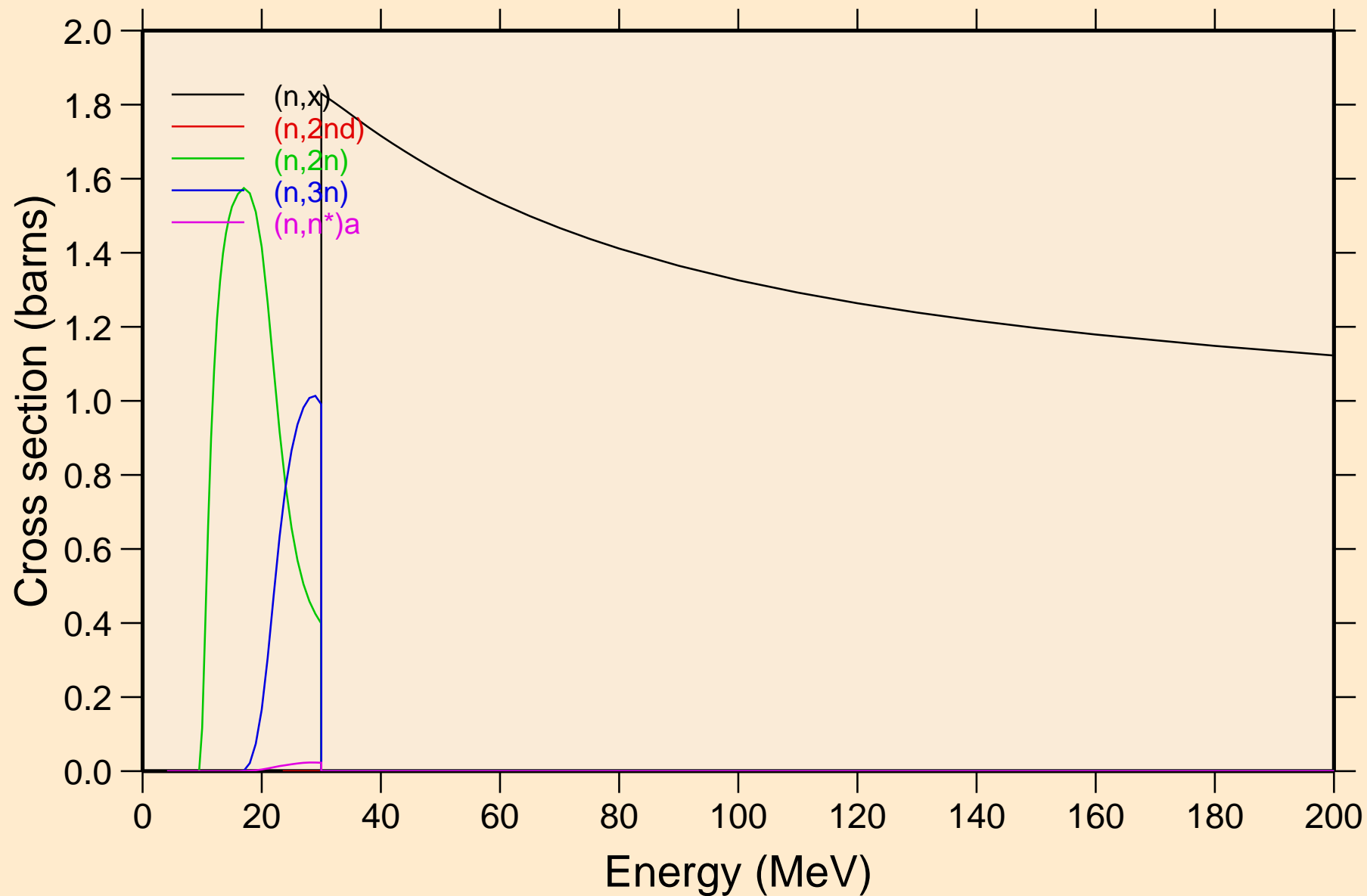


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



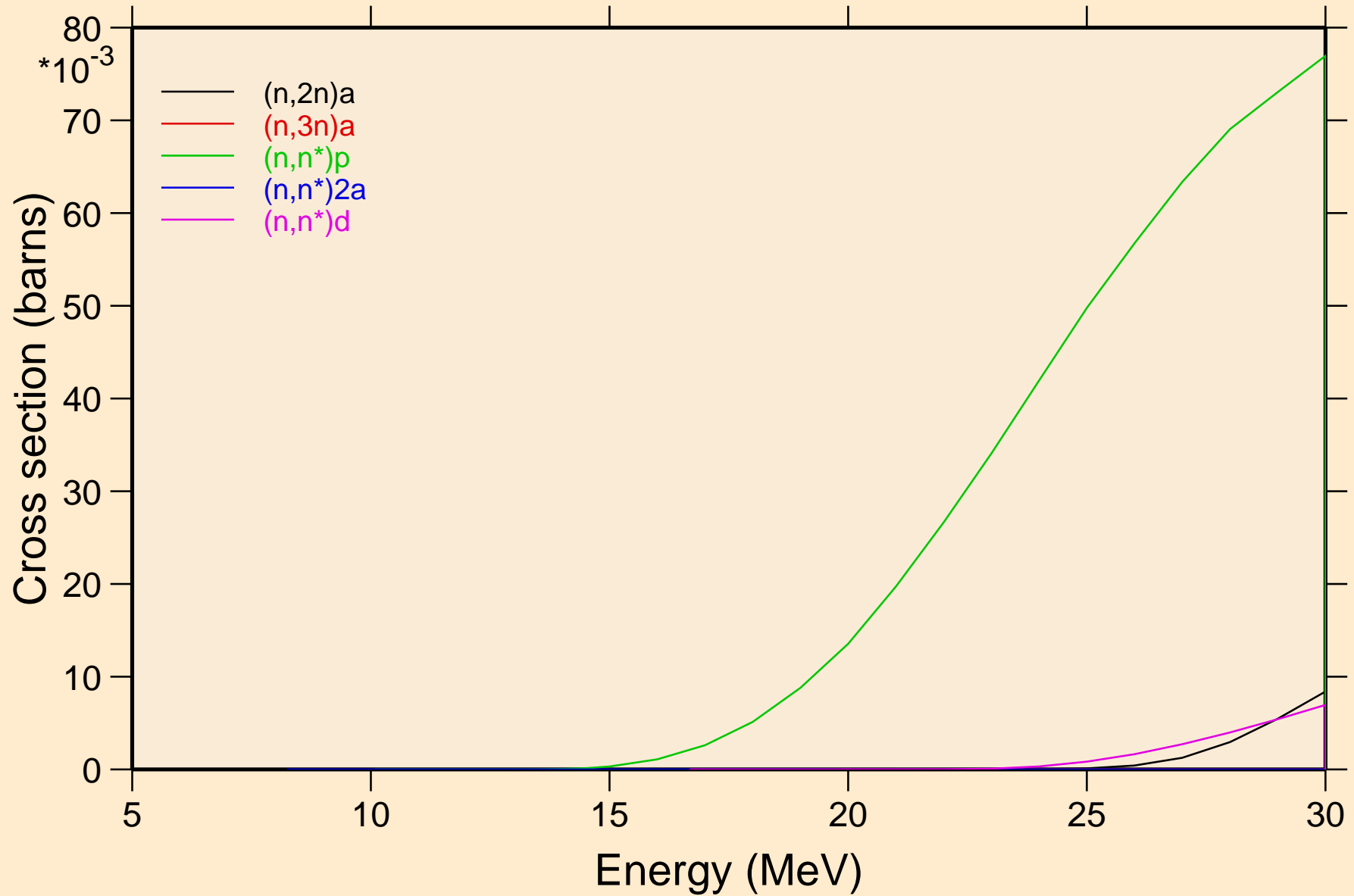
# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

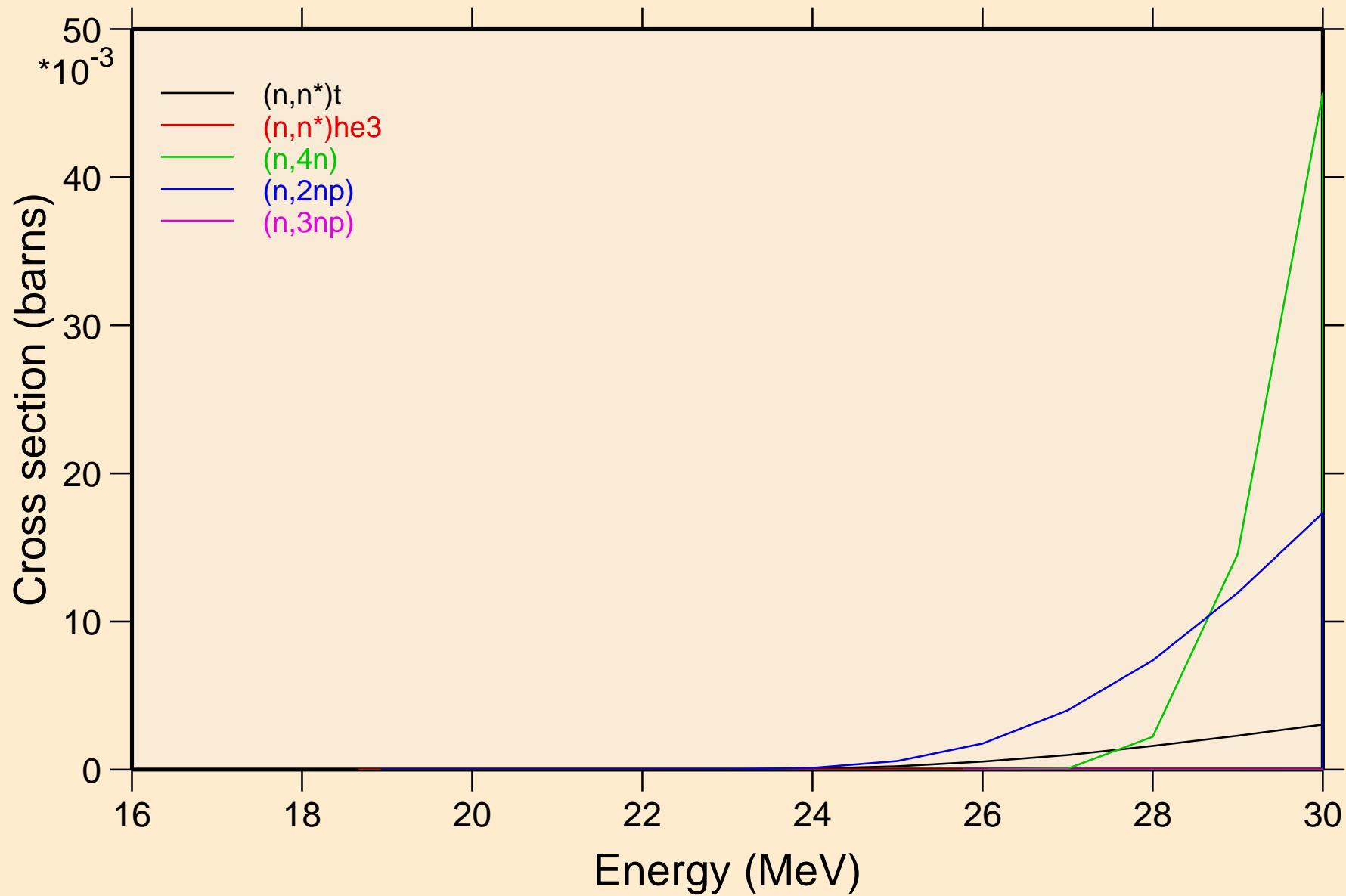
## Threshold reactions





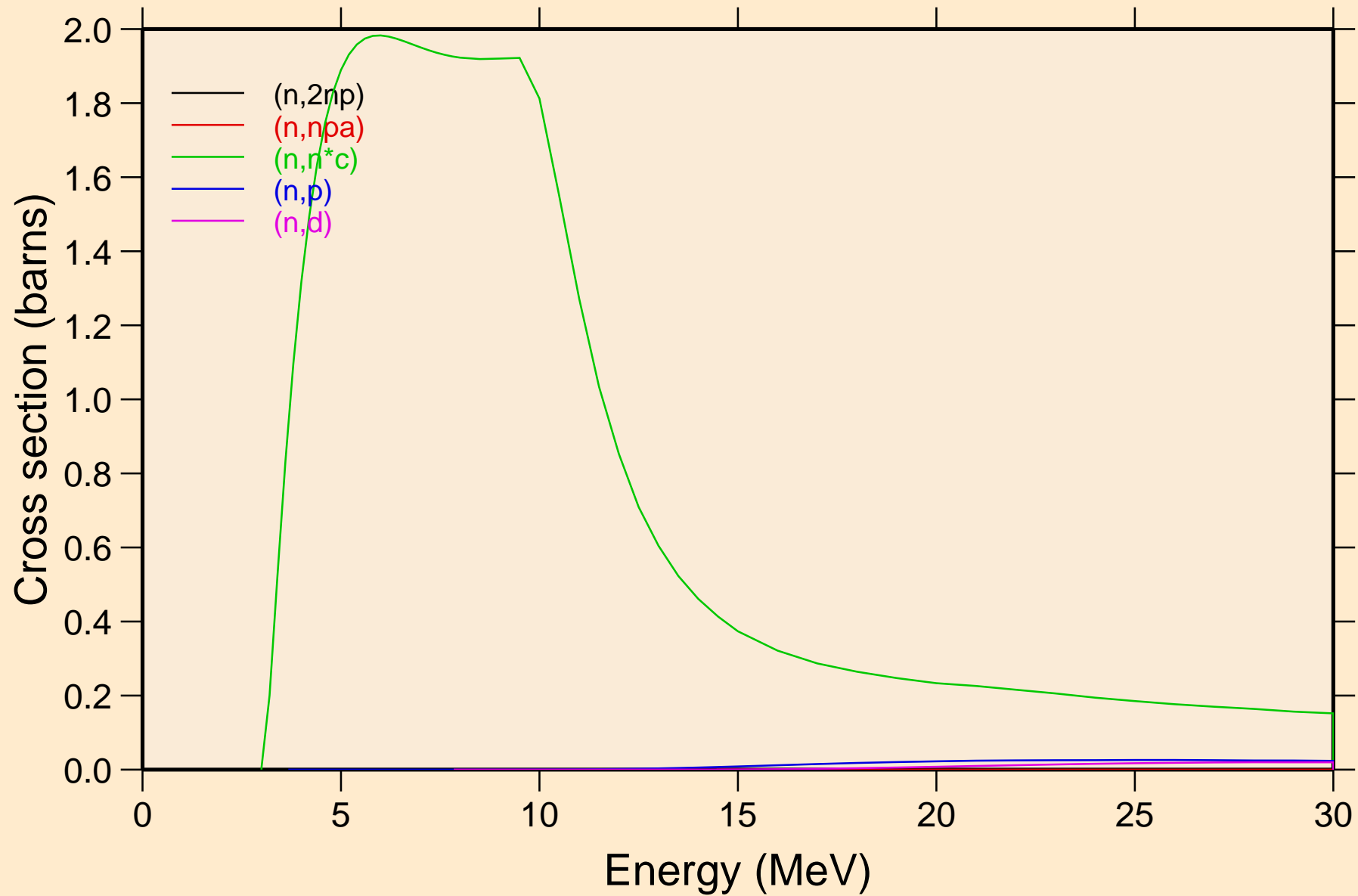
# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



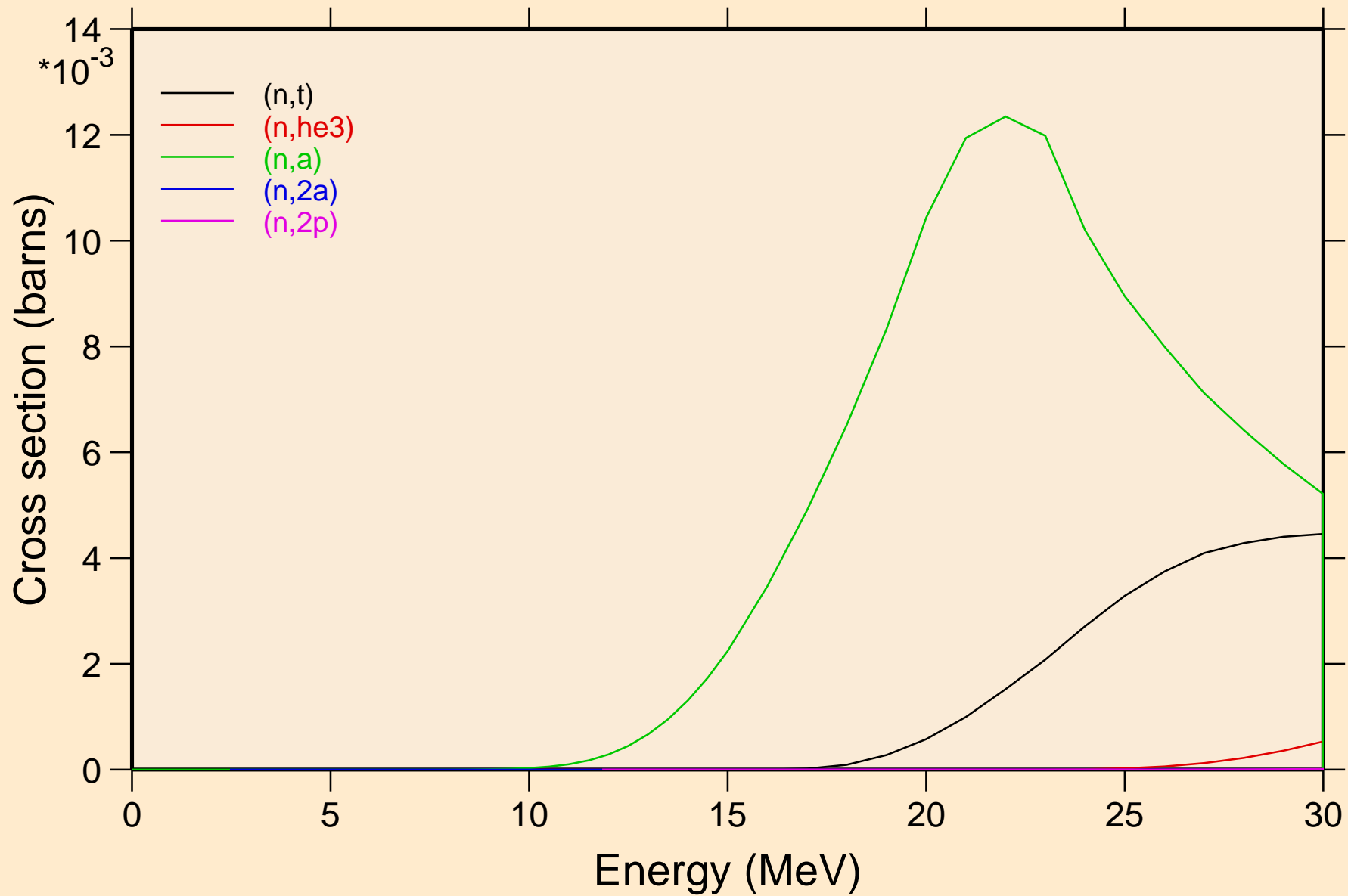
# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



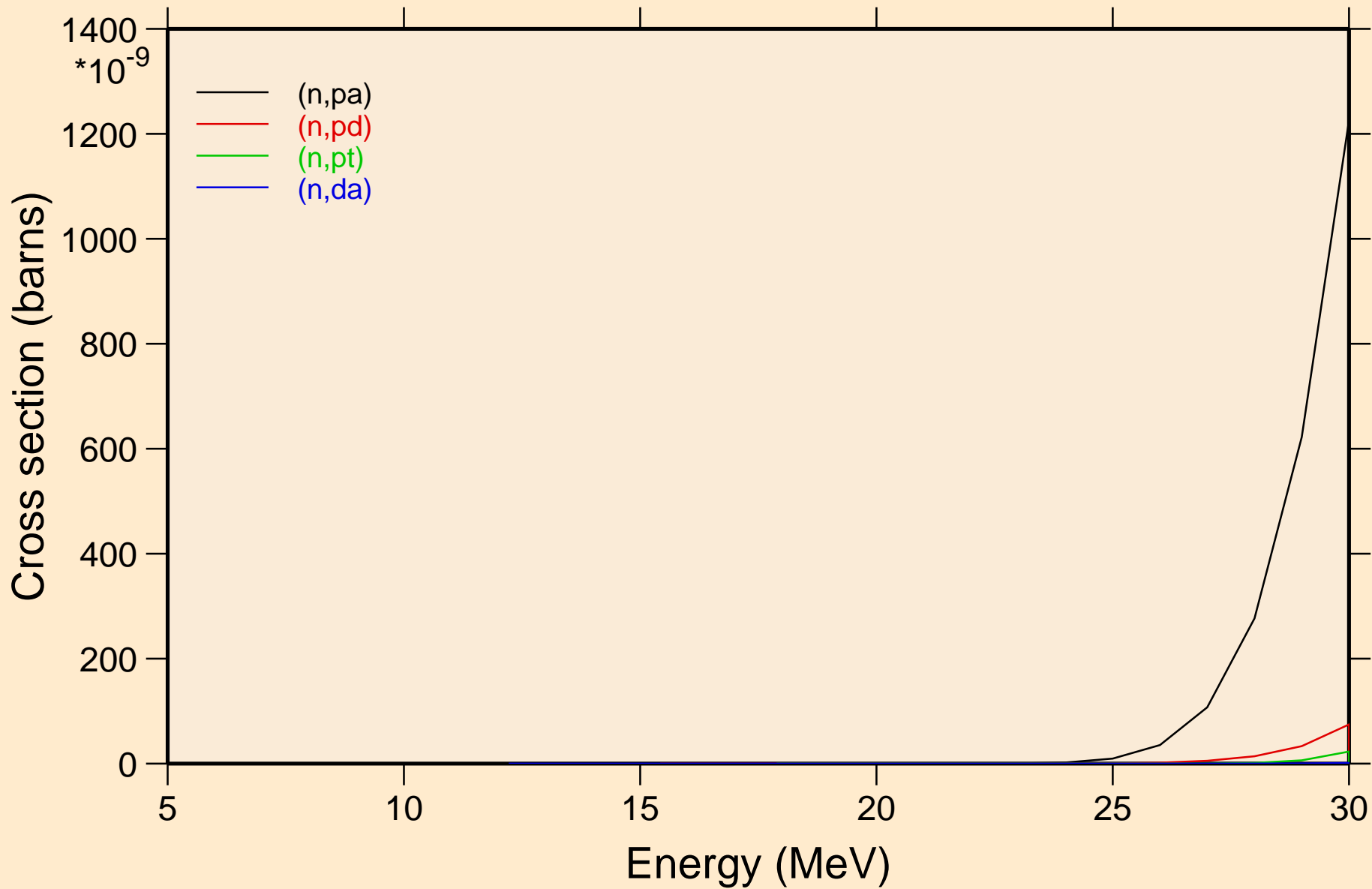
# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



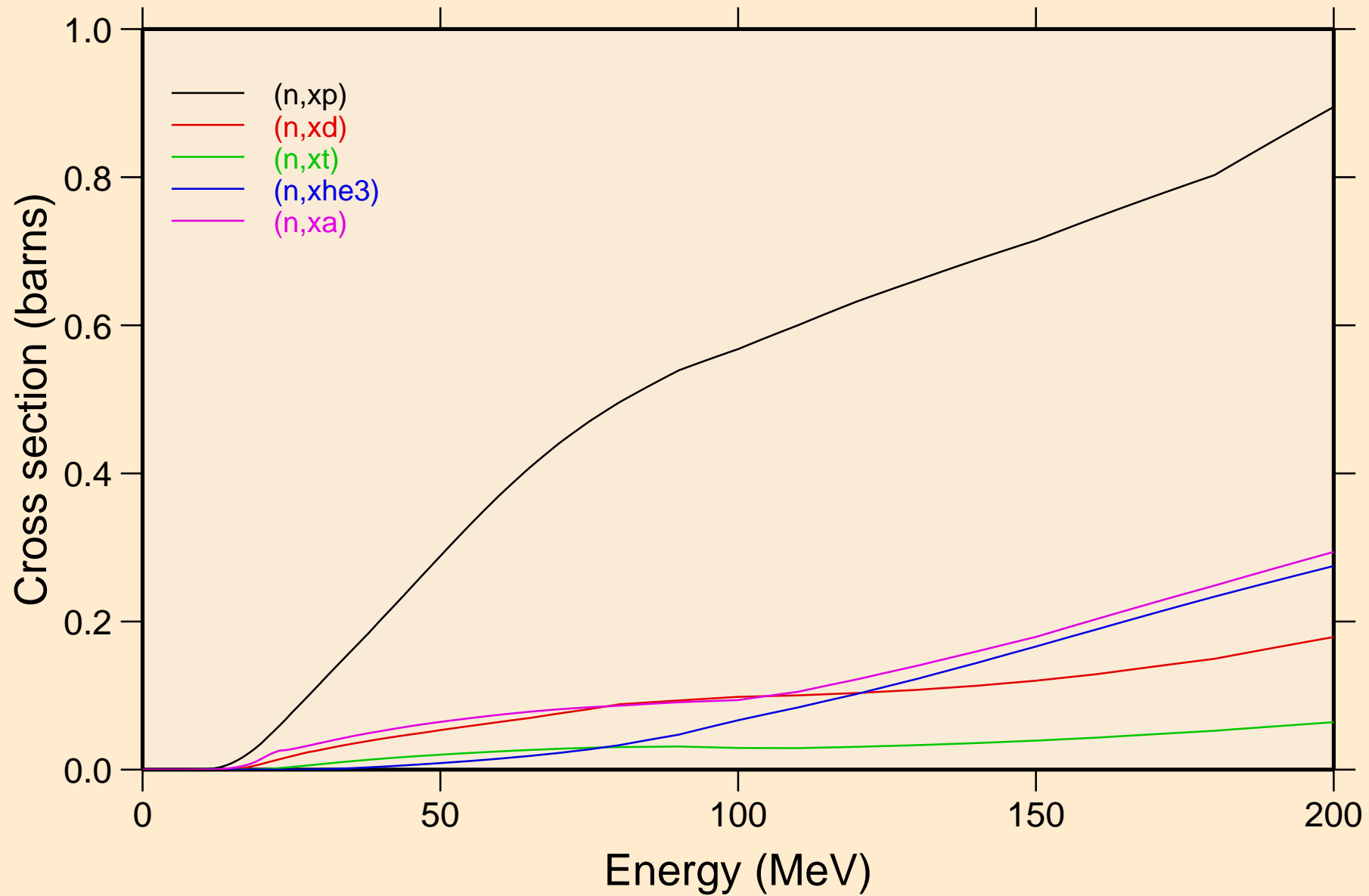
# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

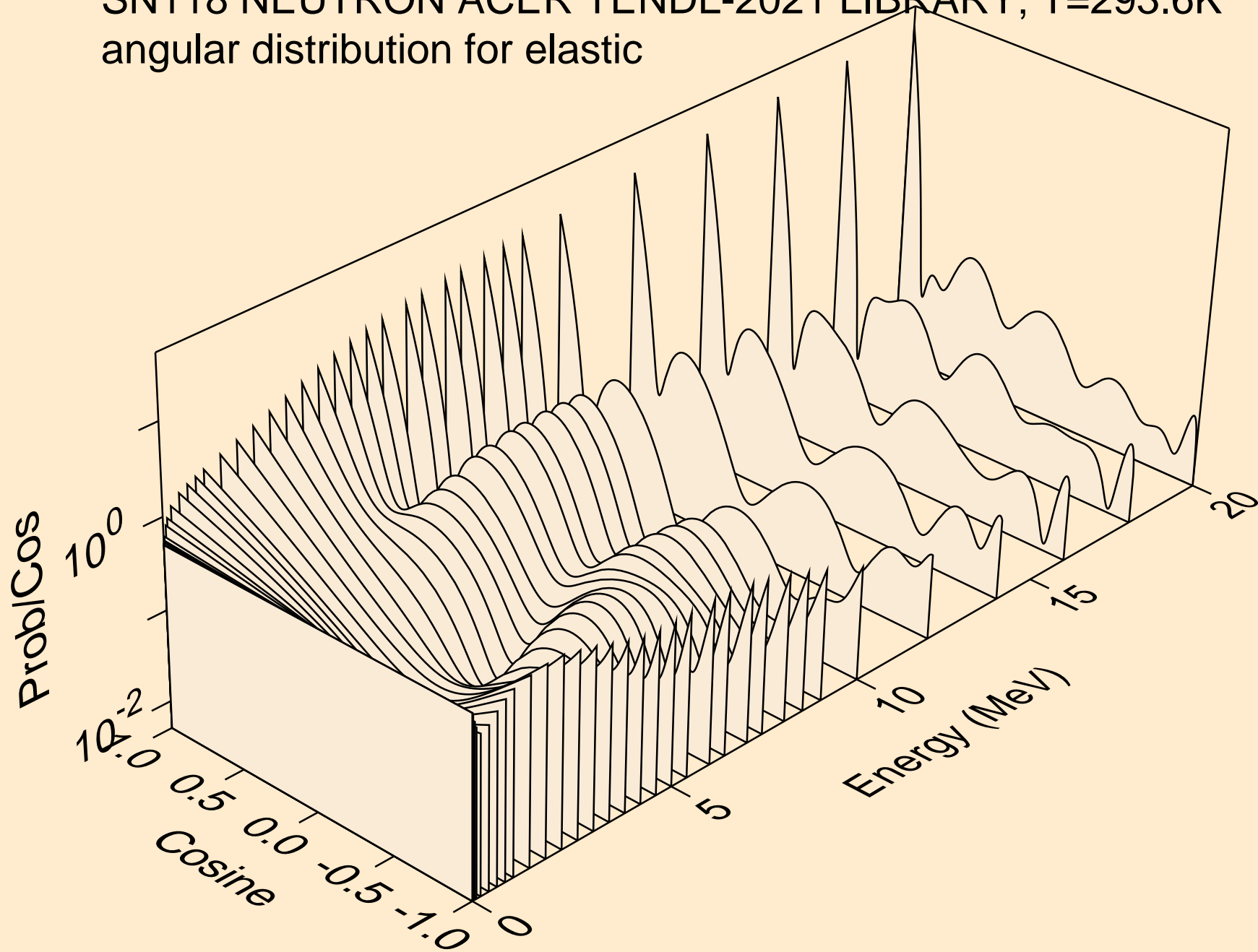


# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

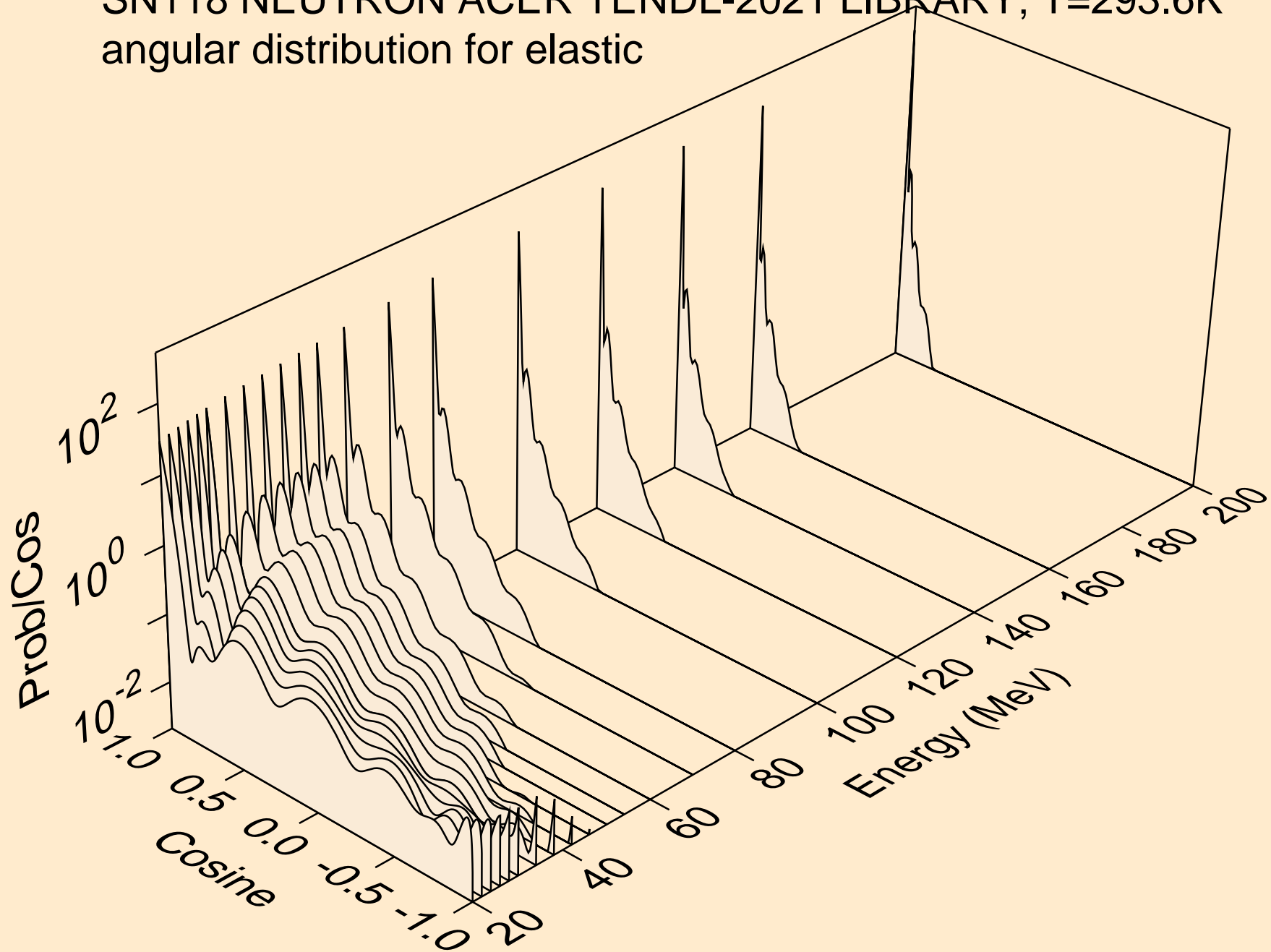
## Threshold reactions



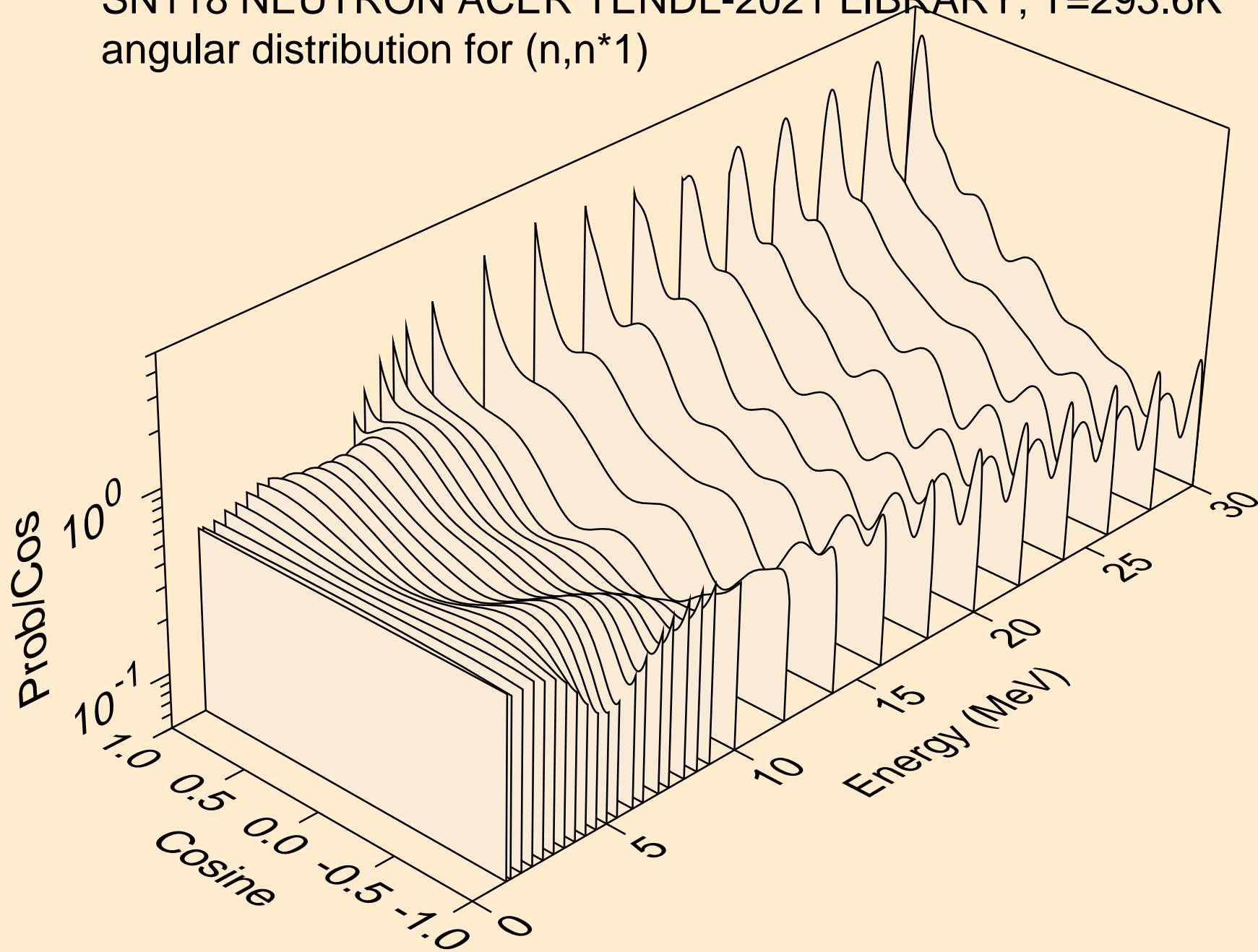
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic

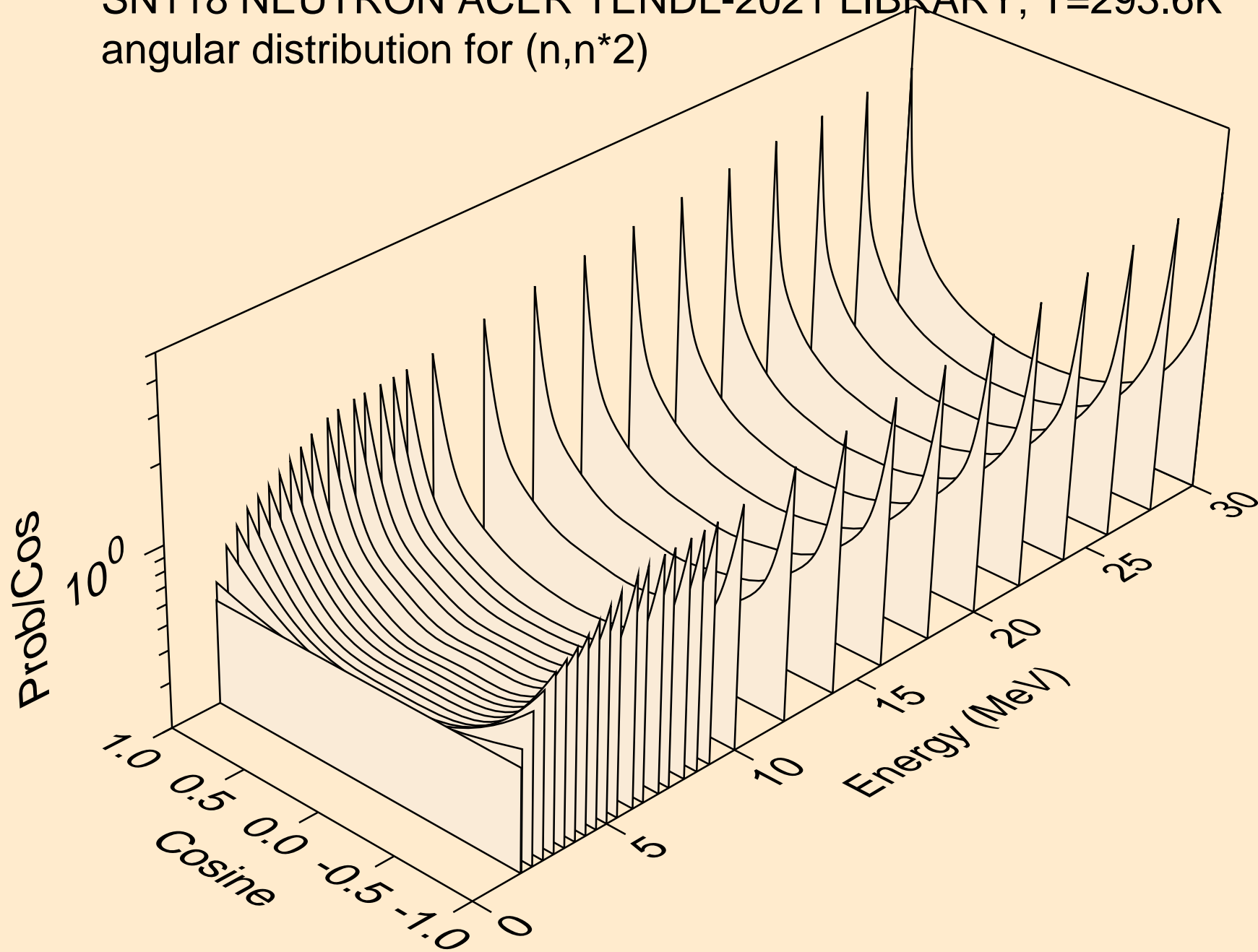


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

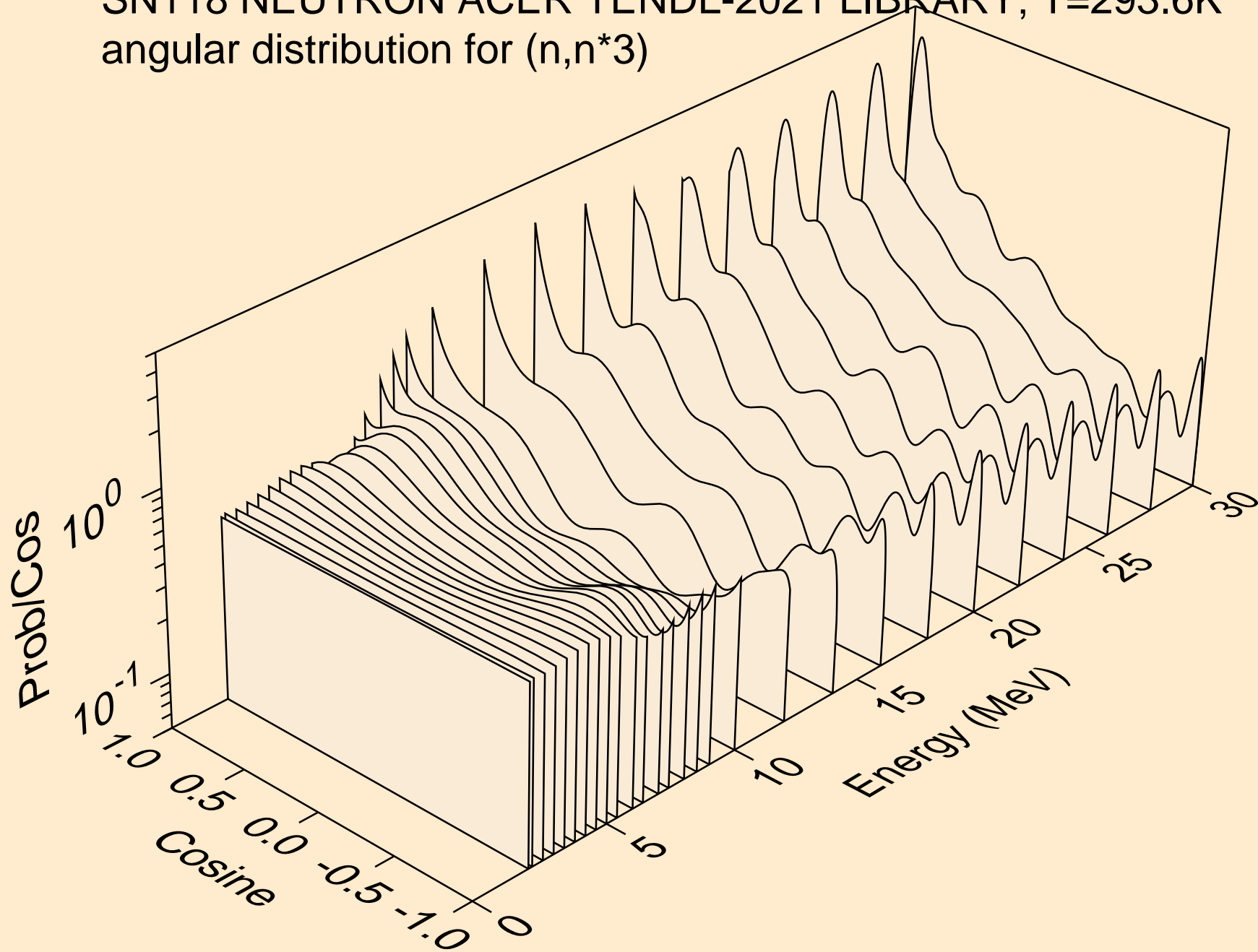




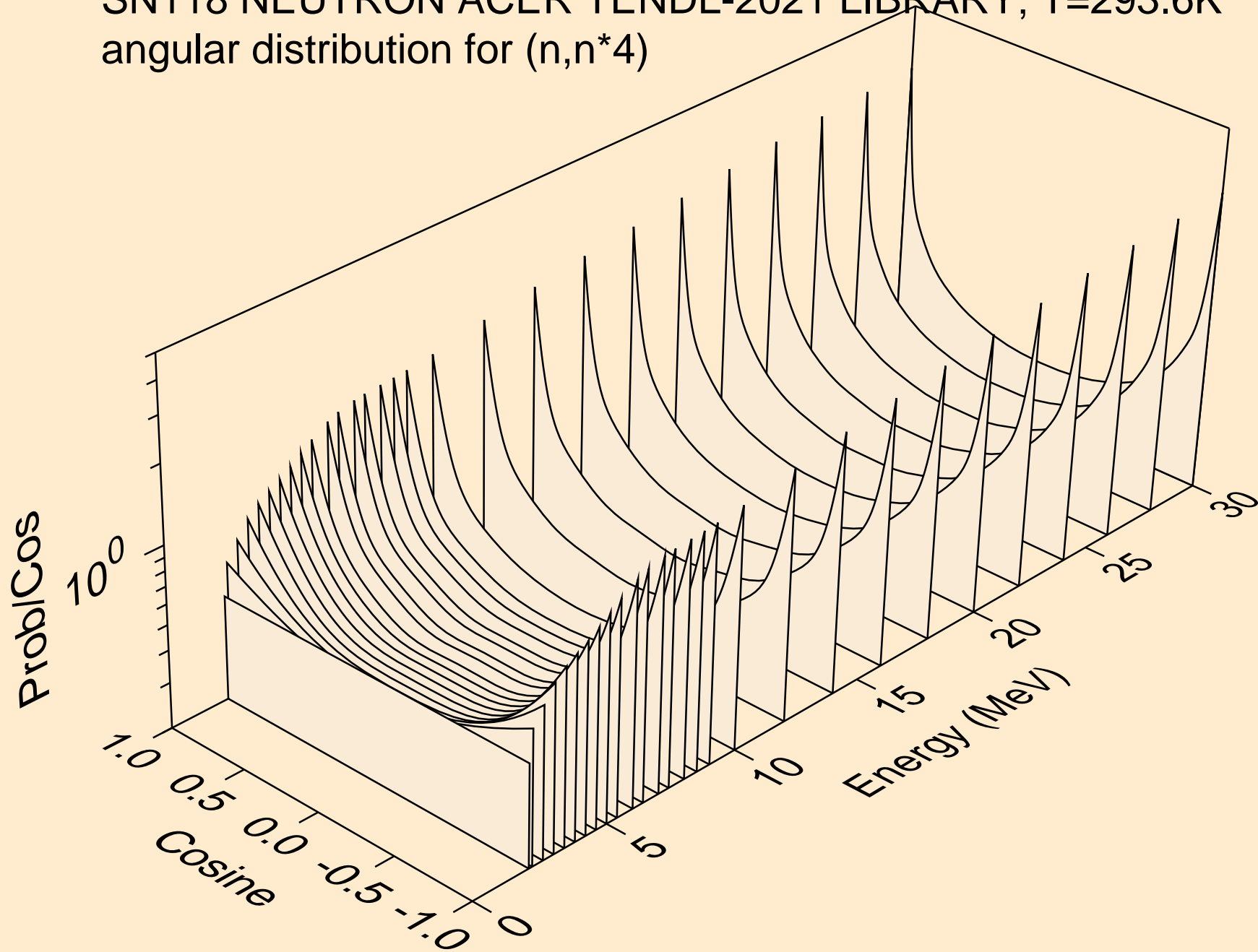
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



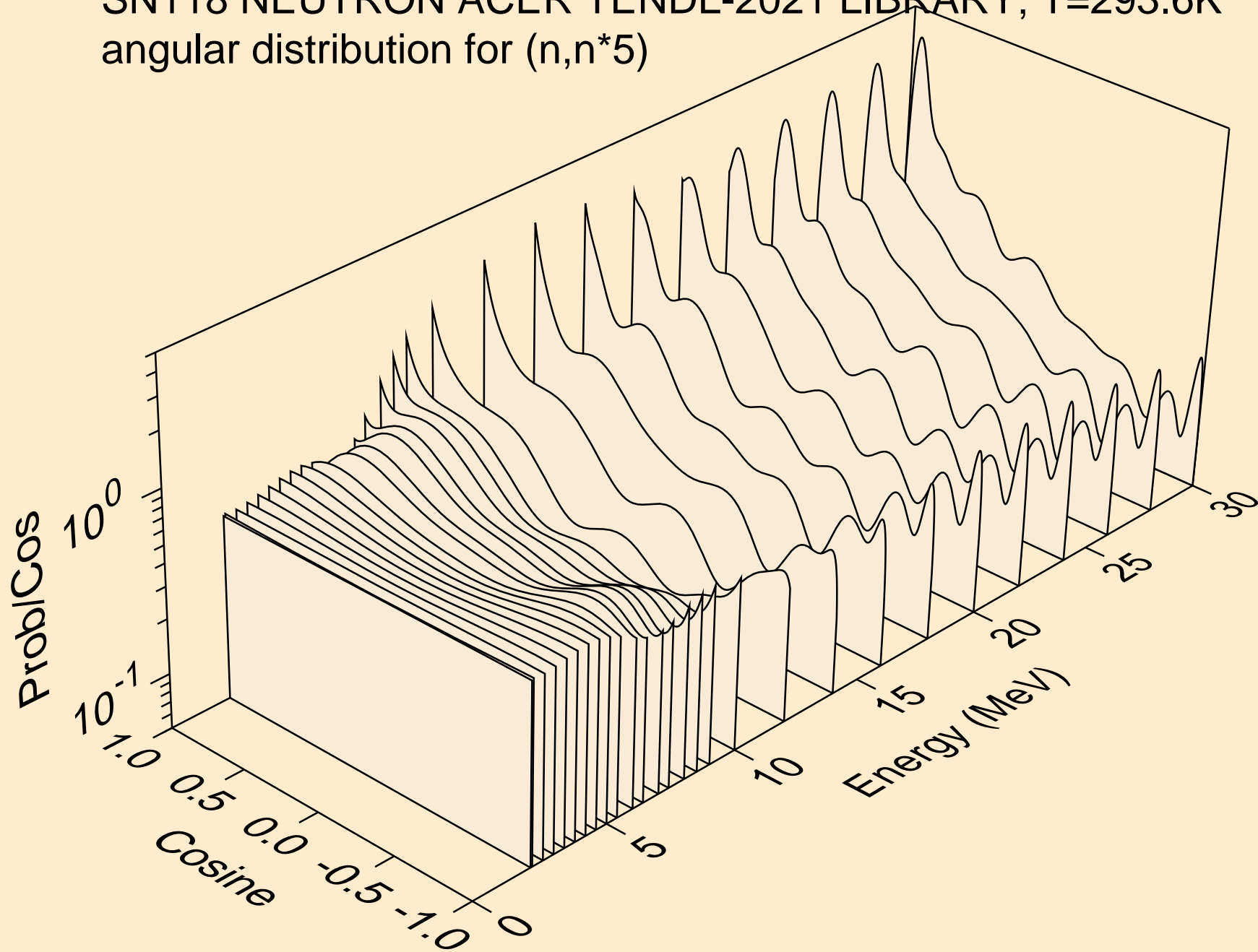
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



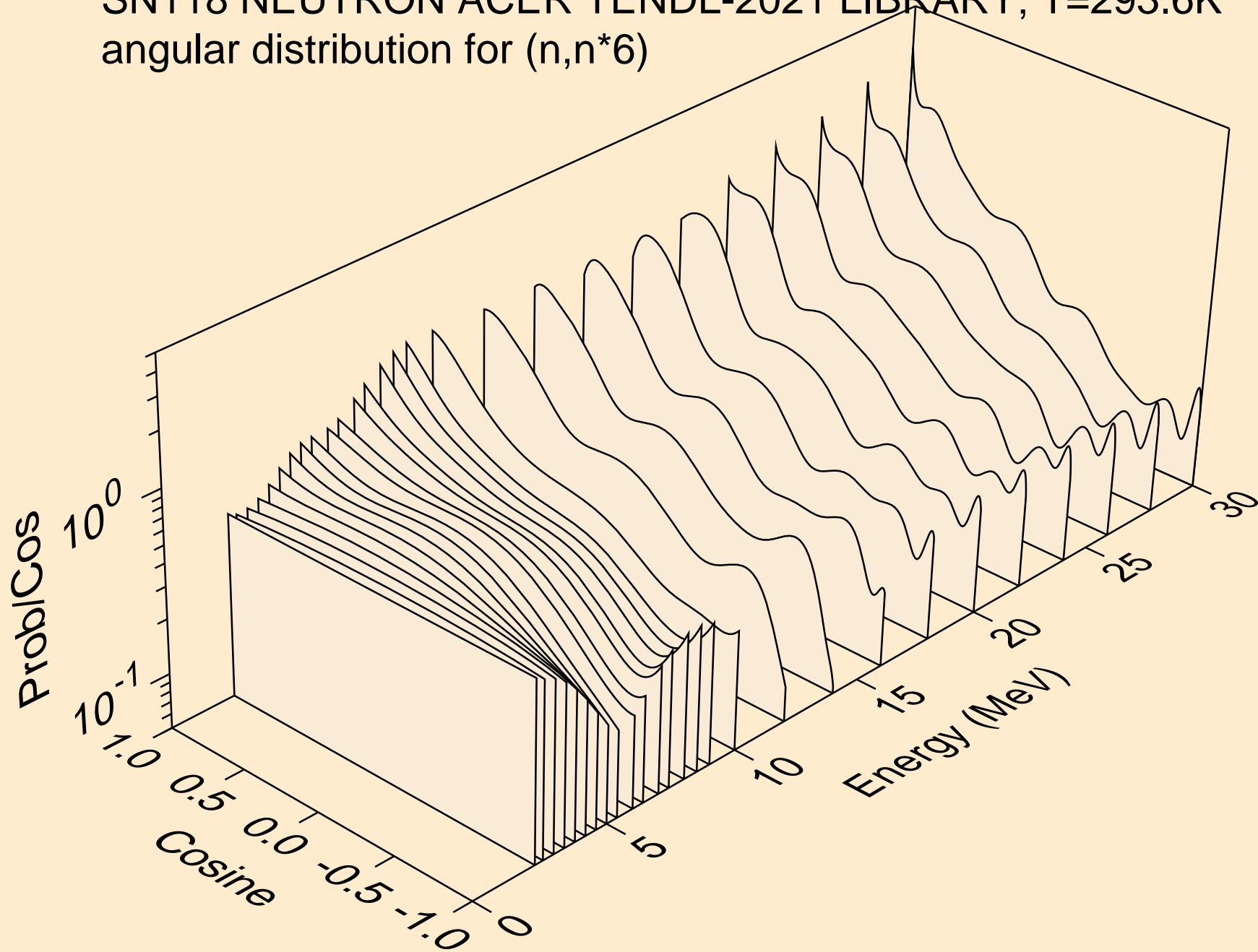
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



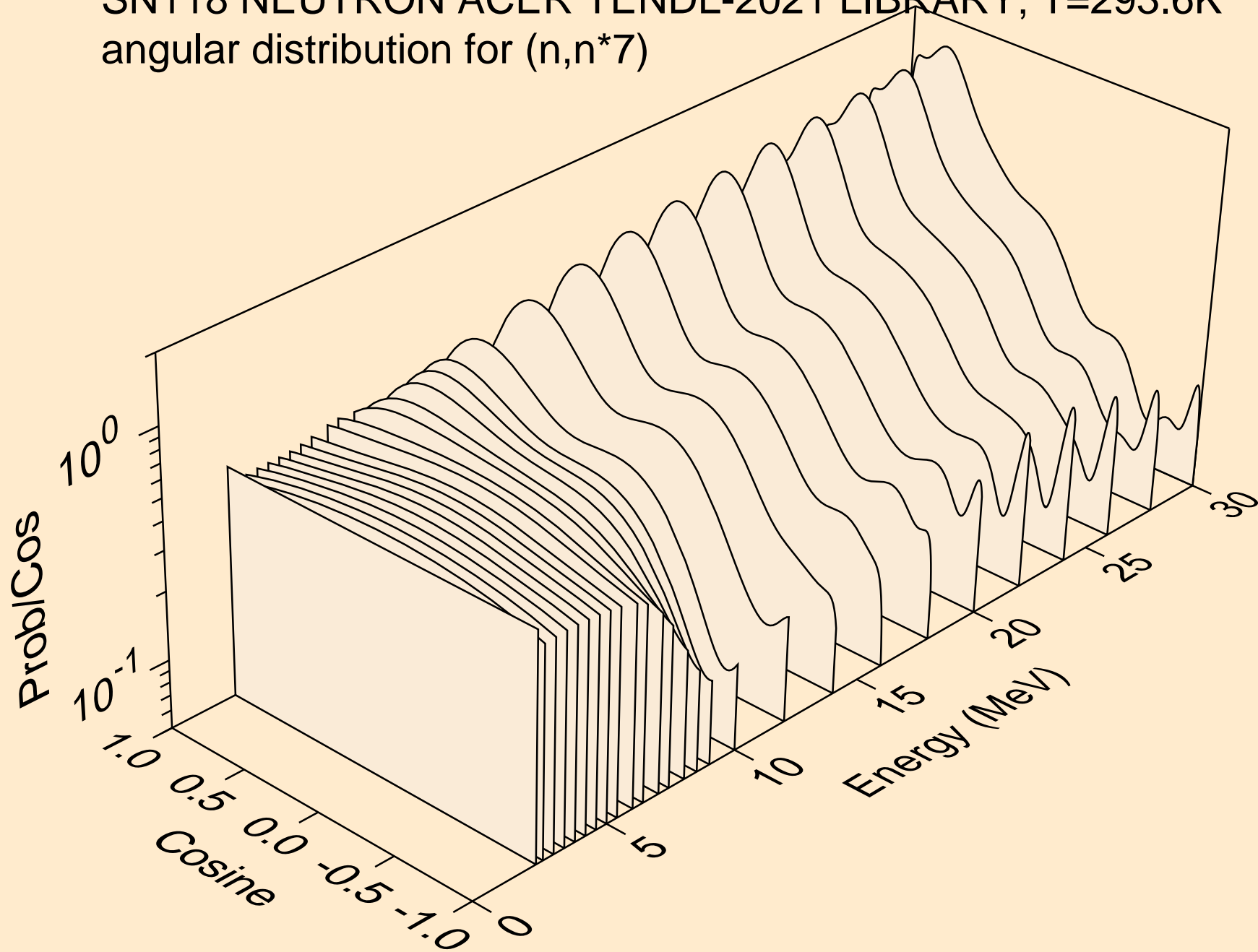
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



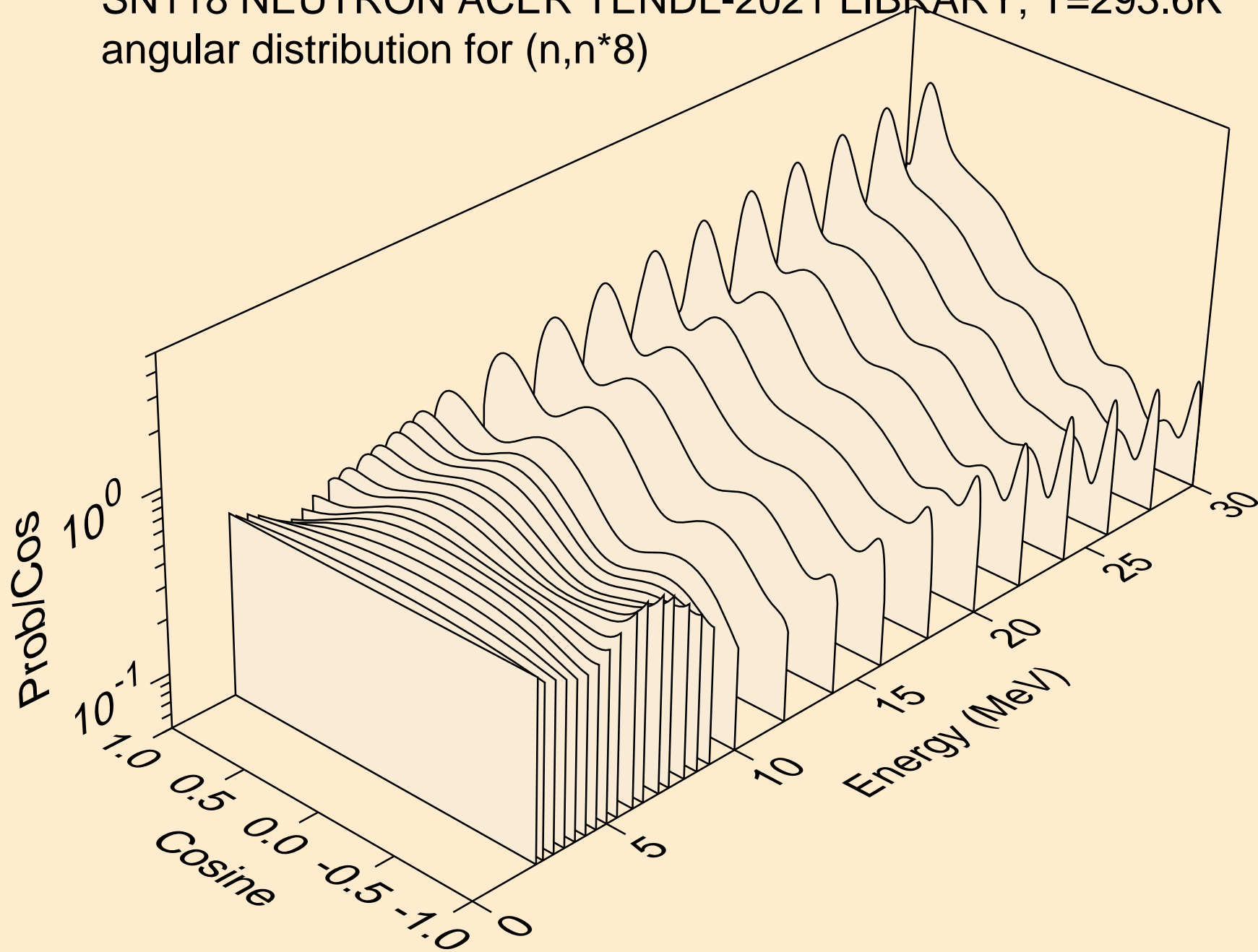
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



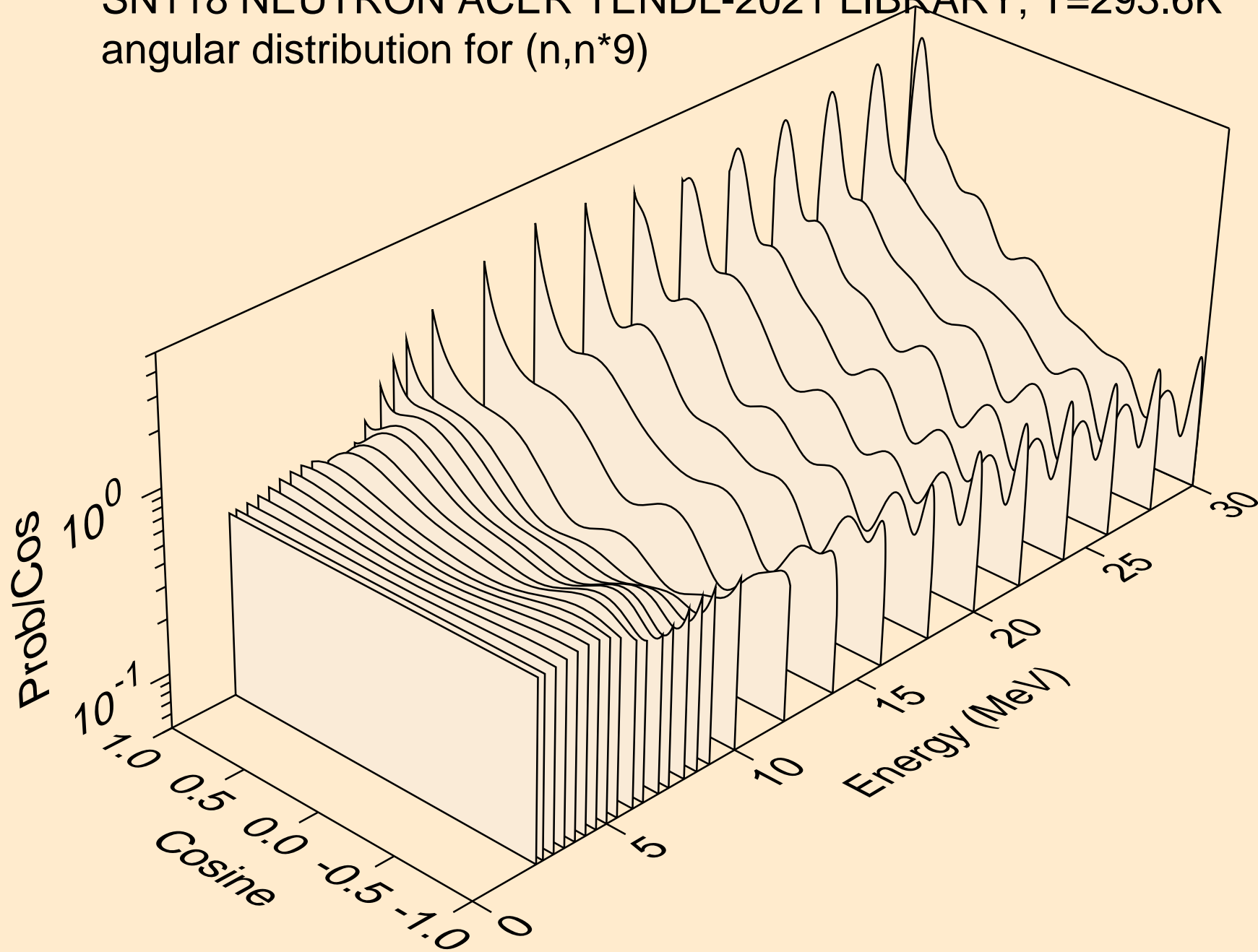
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

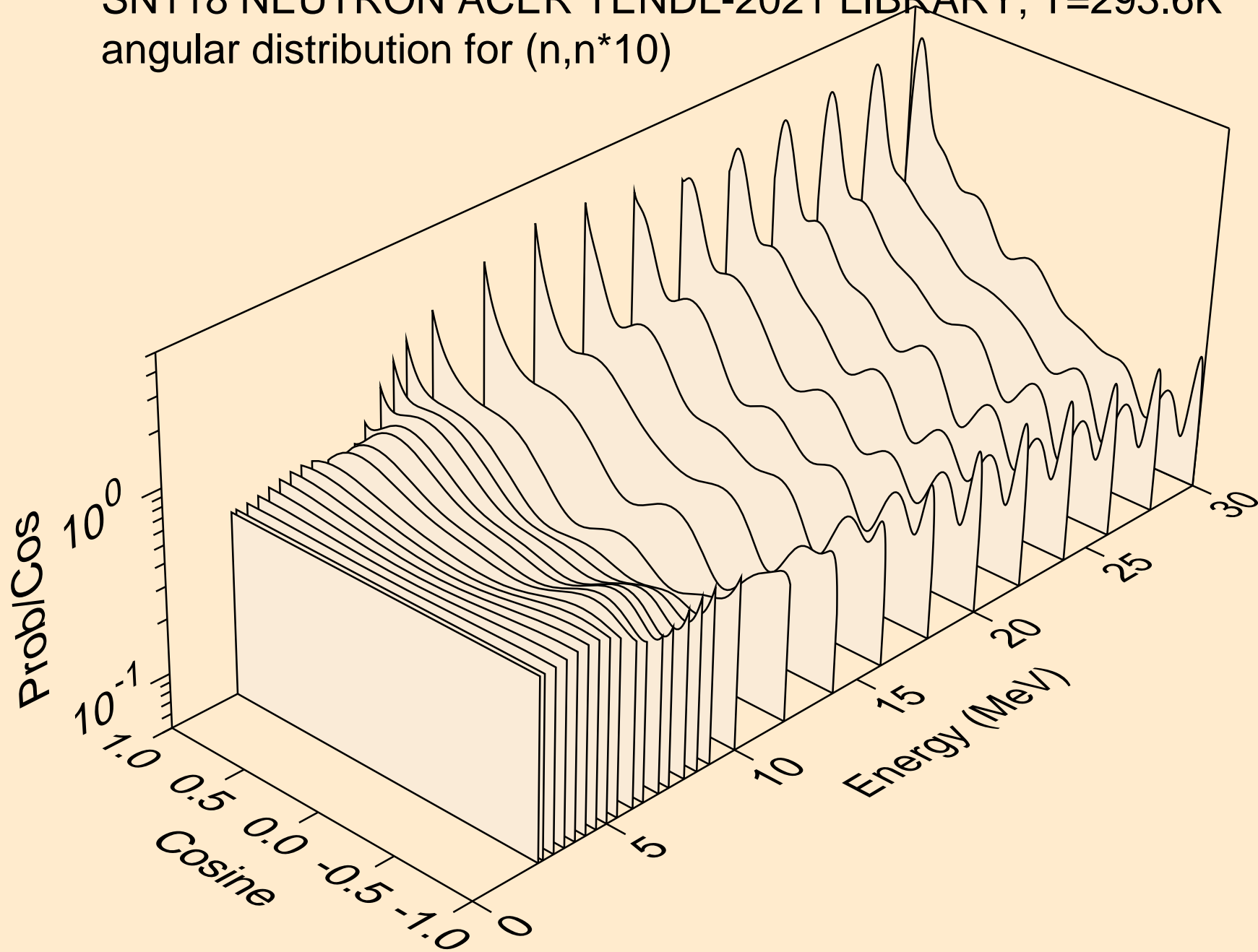


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

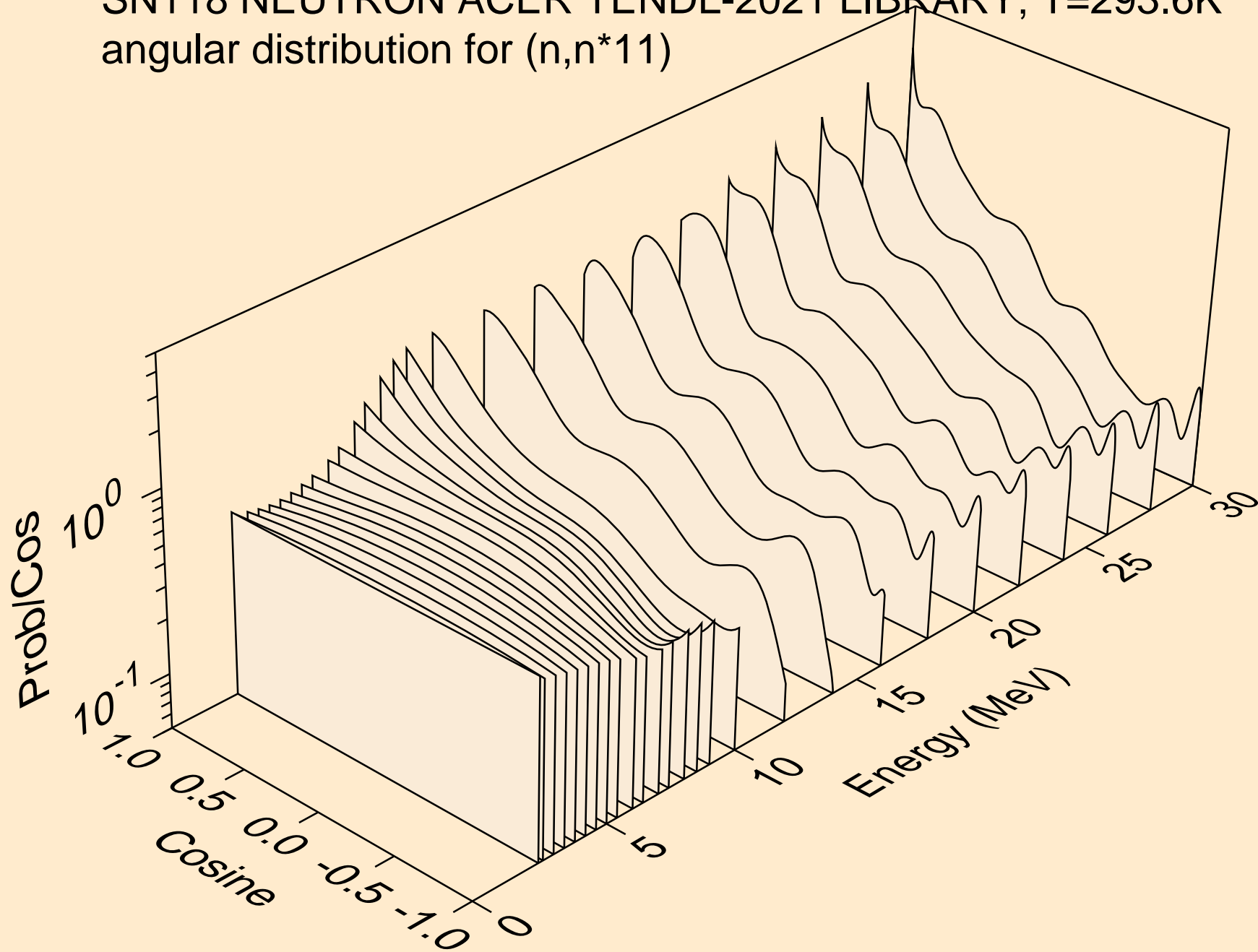




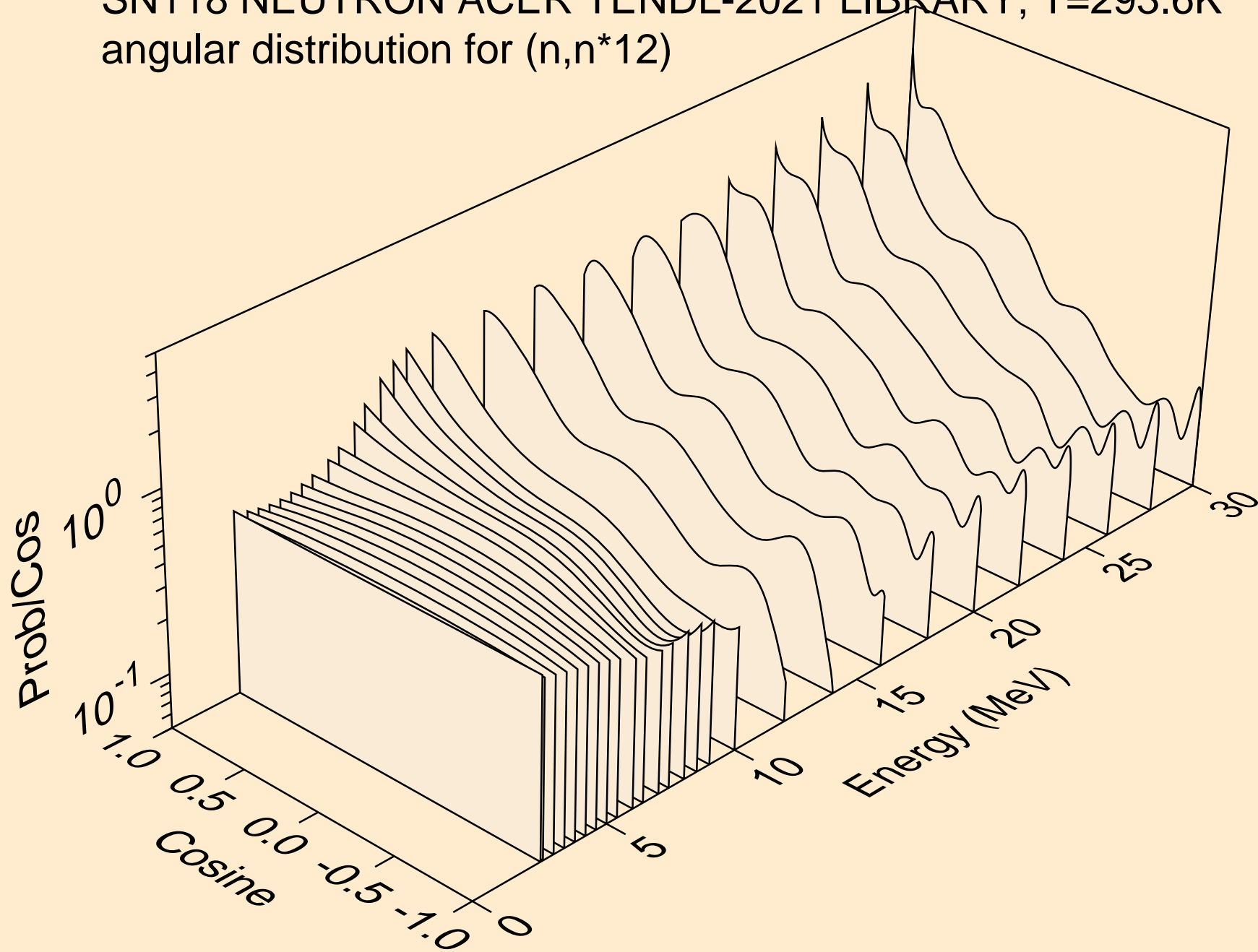
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)



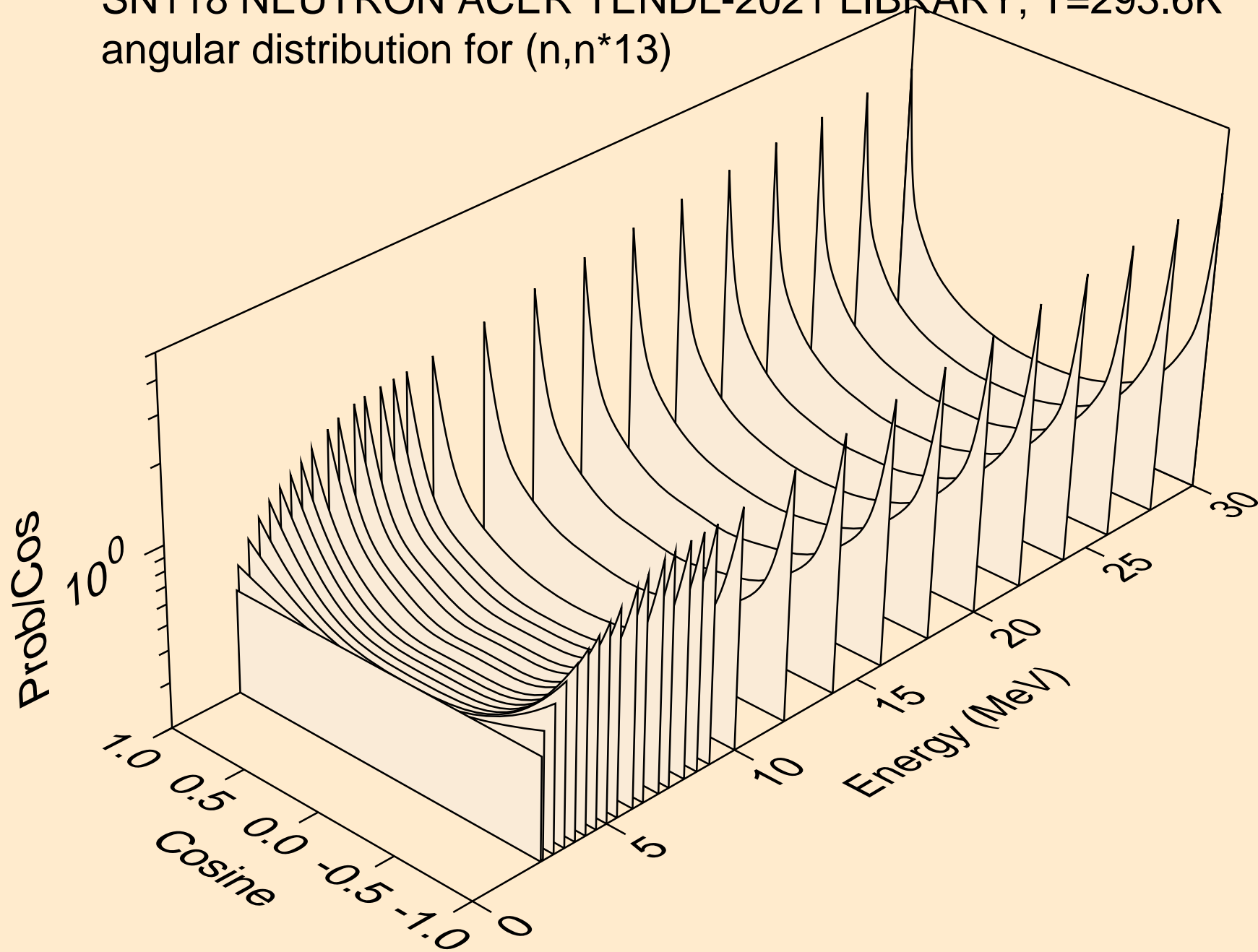
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



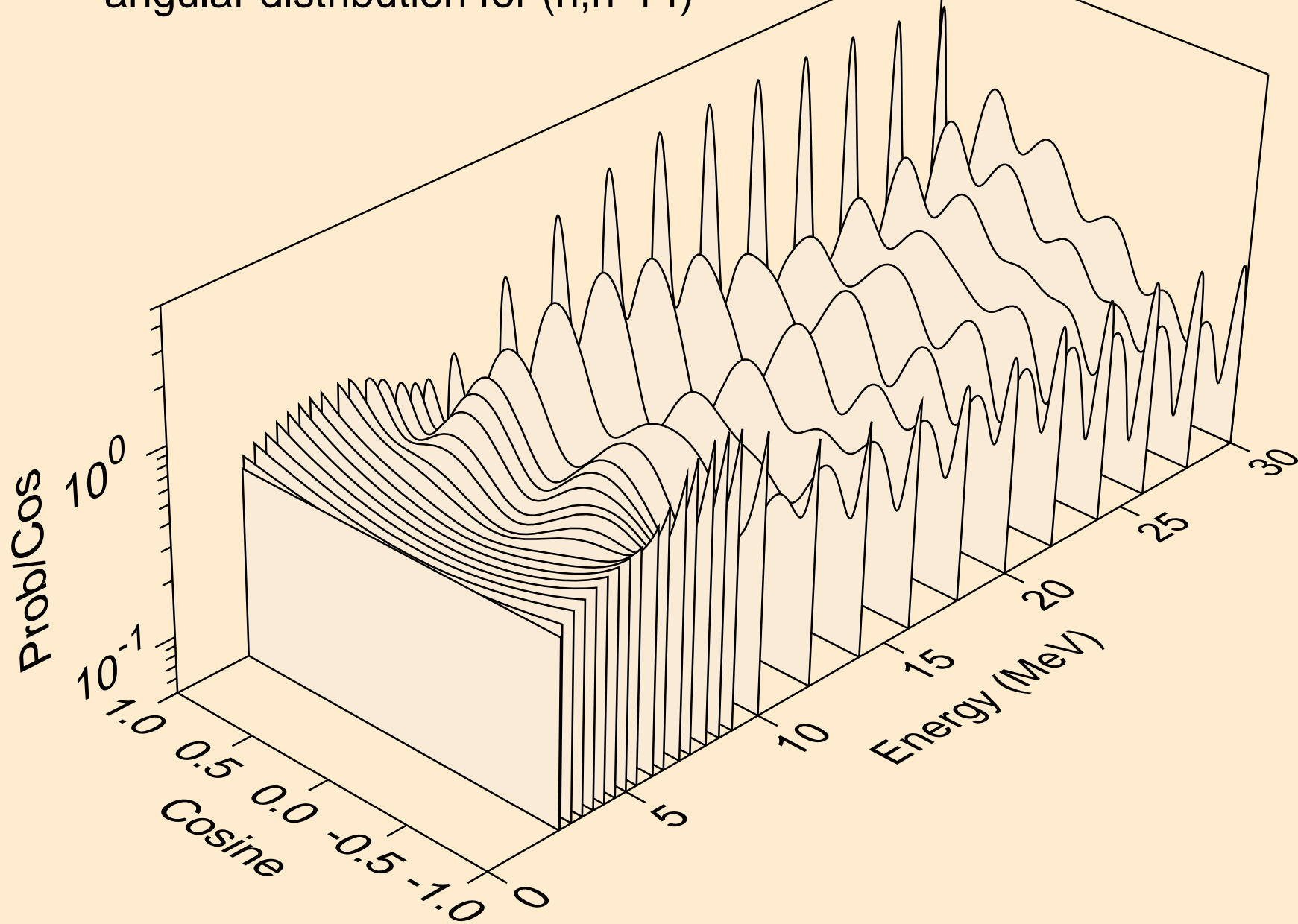
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angular distribution for (n,n\*12)



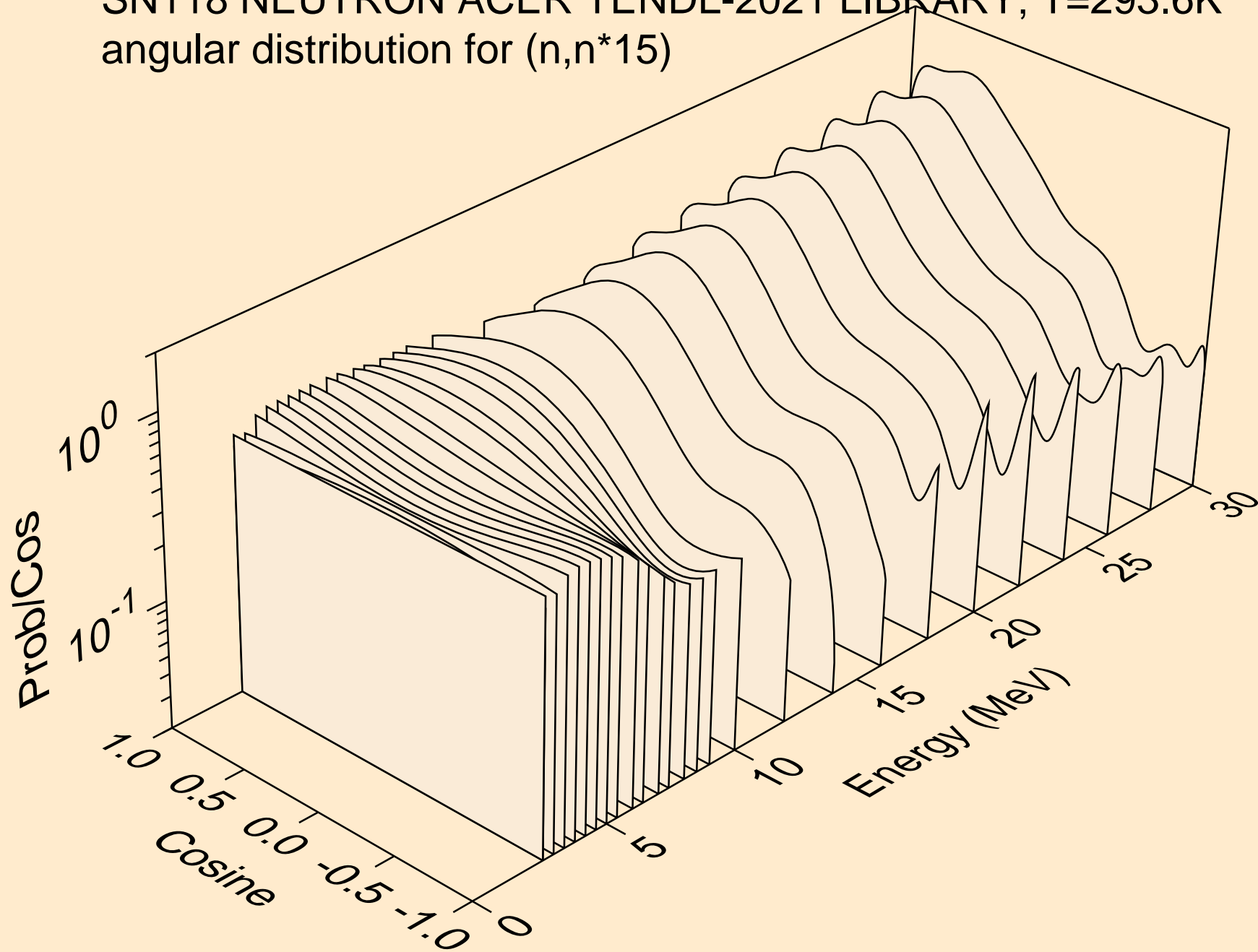
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



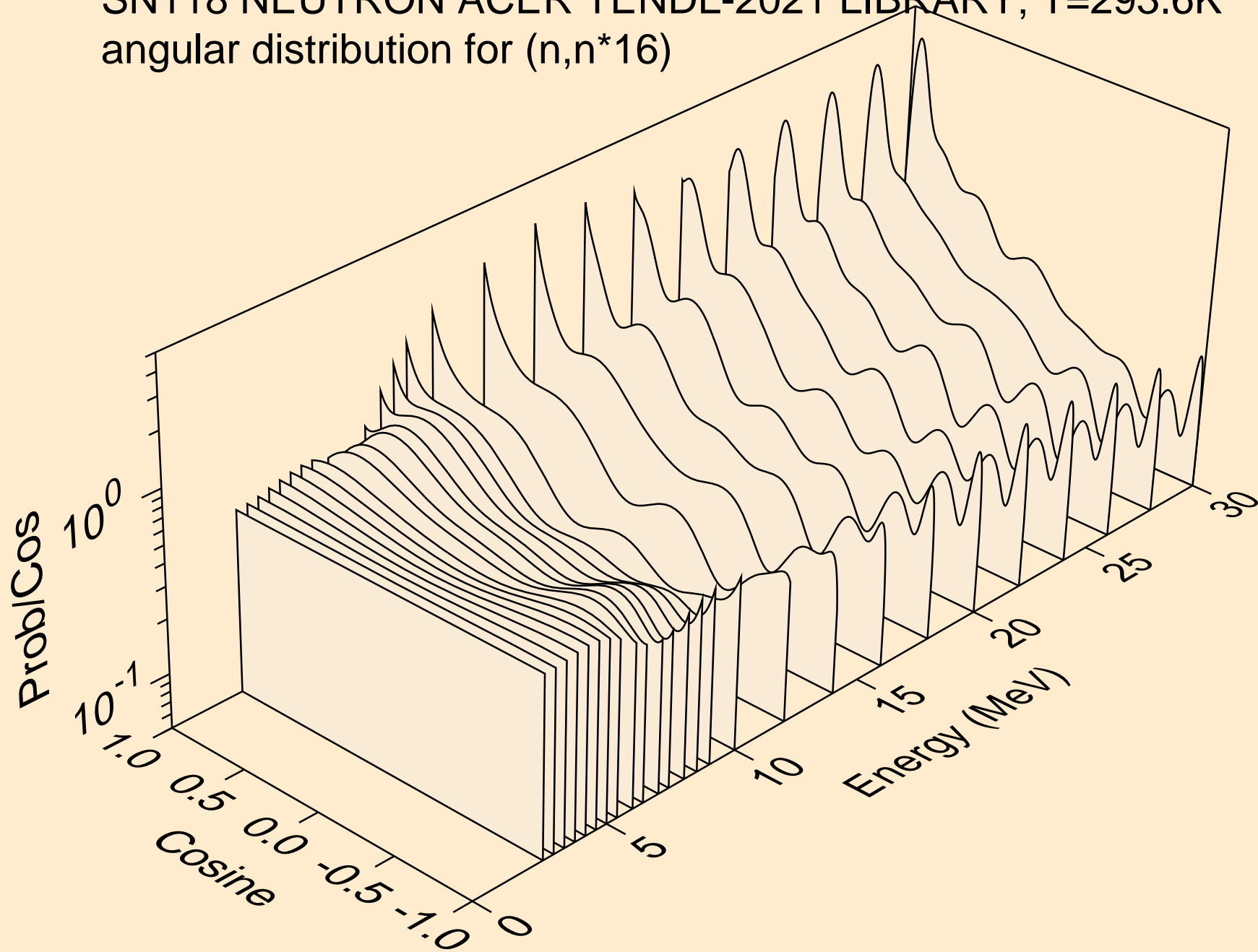
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angular distribution for (n,n\*14)



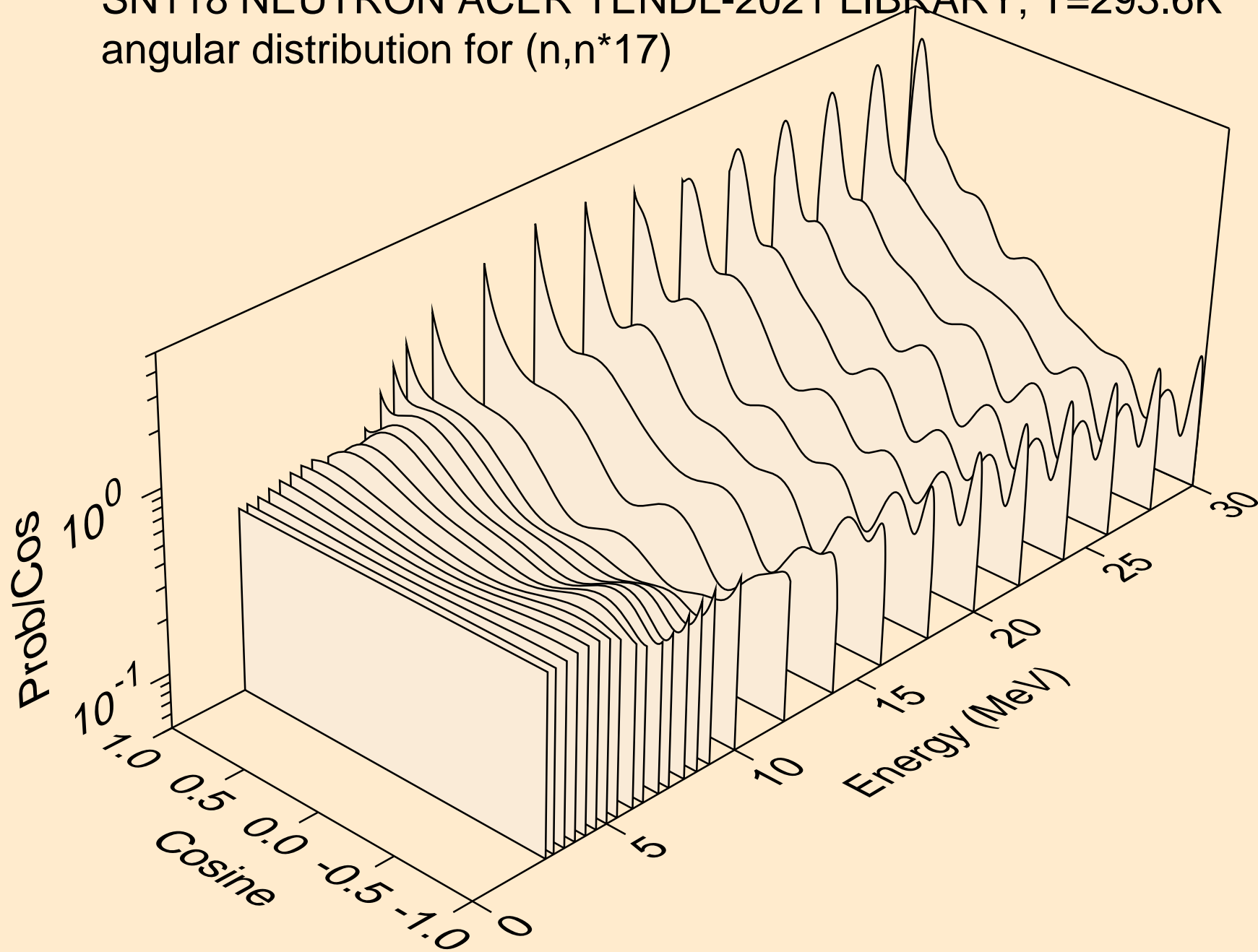
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

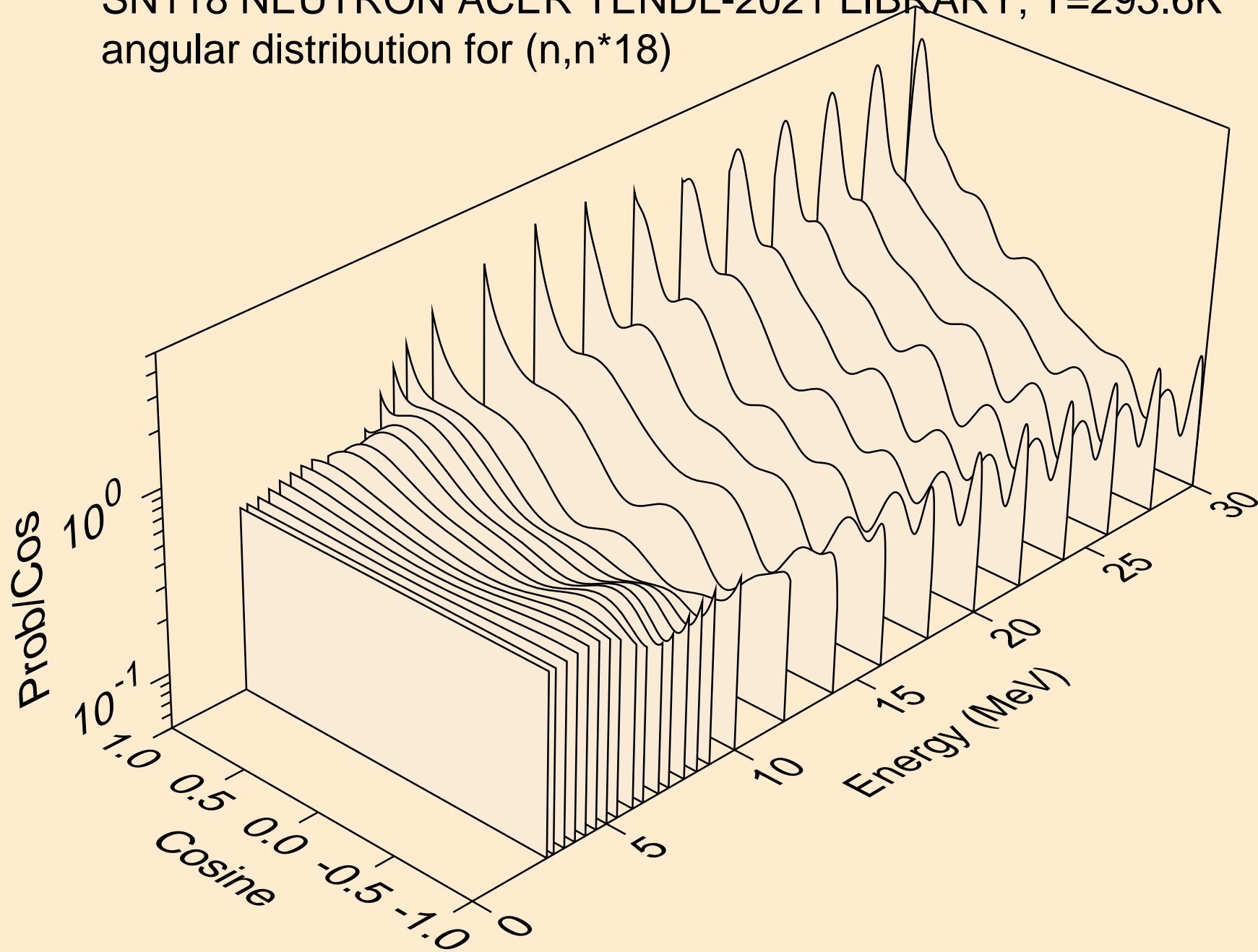


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

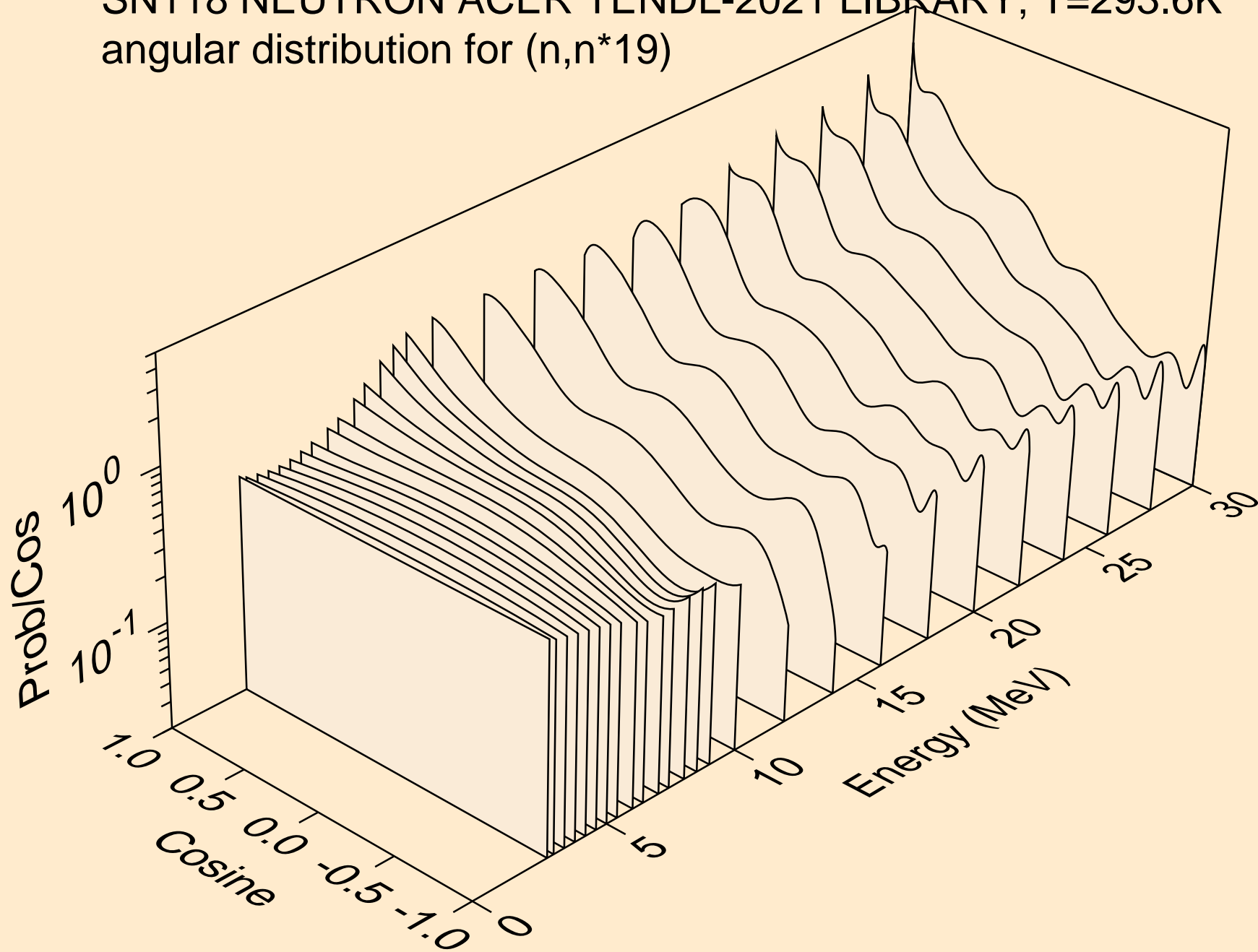




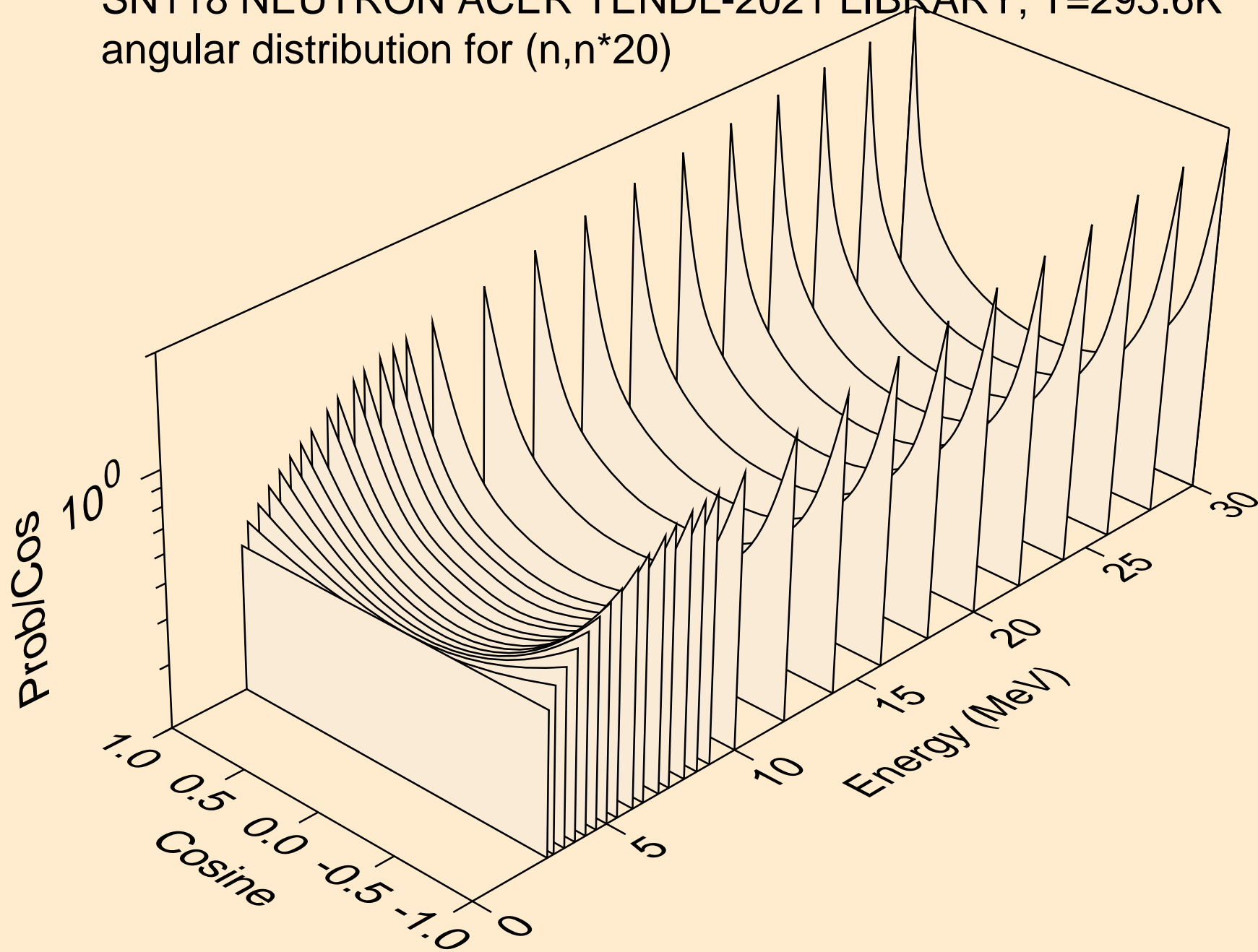
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)



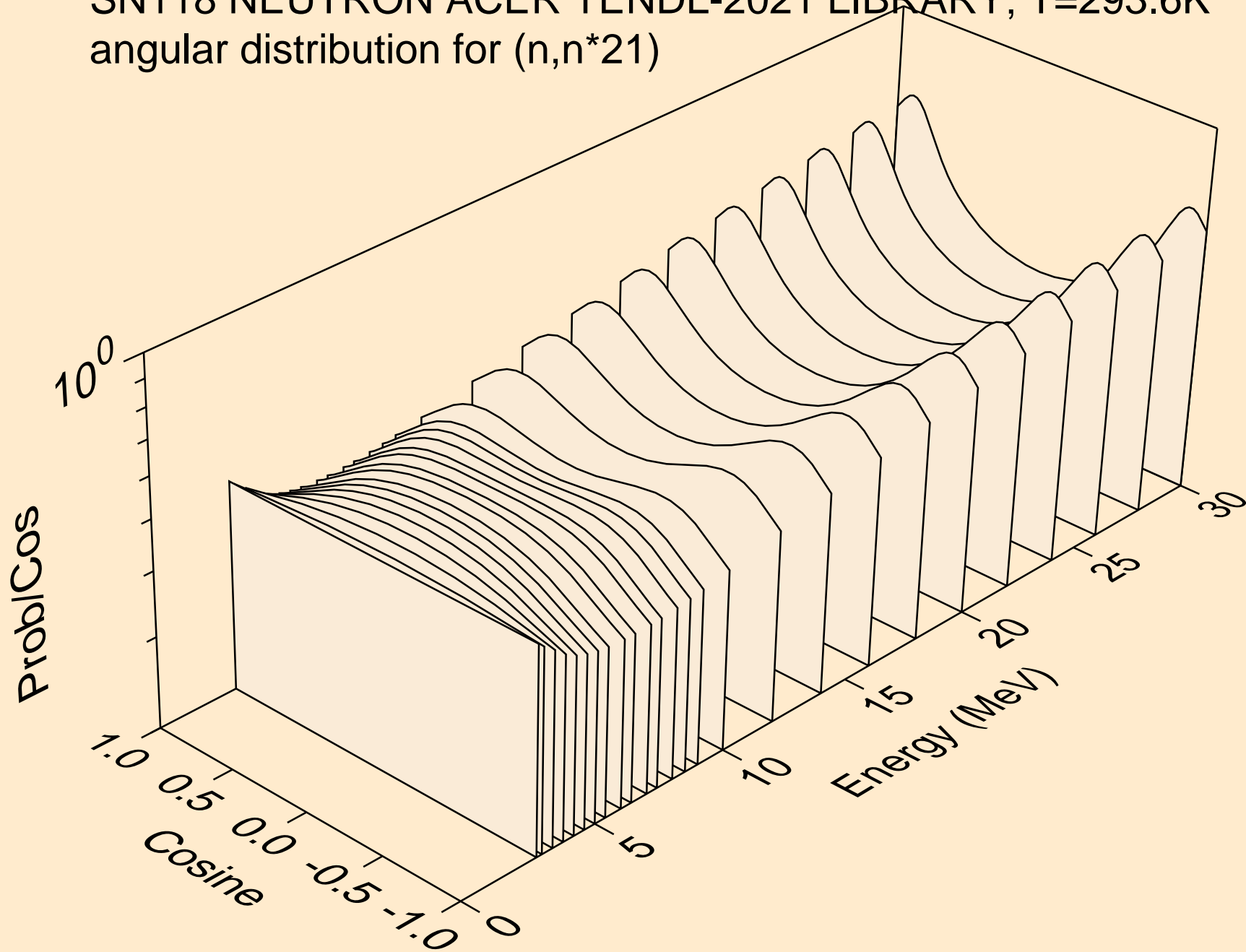
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angular distribution for (n,n\*19)



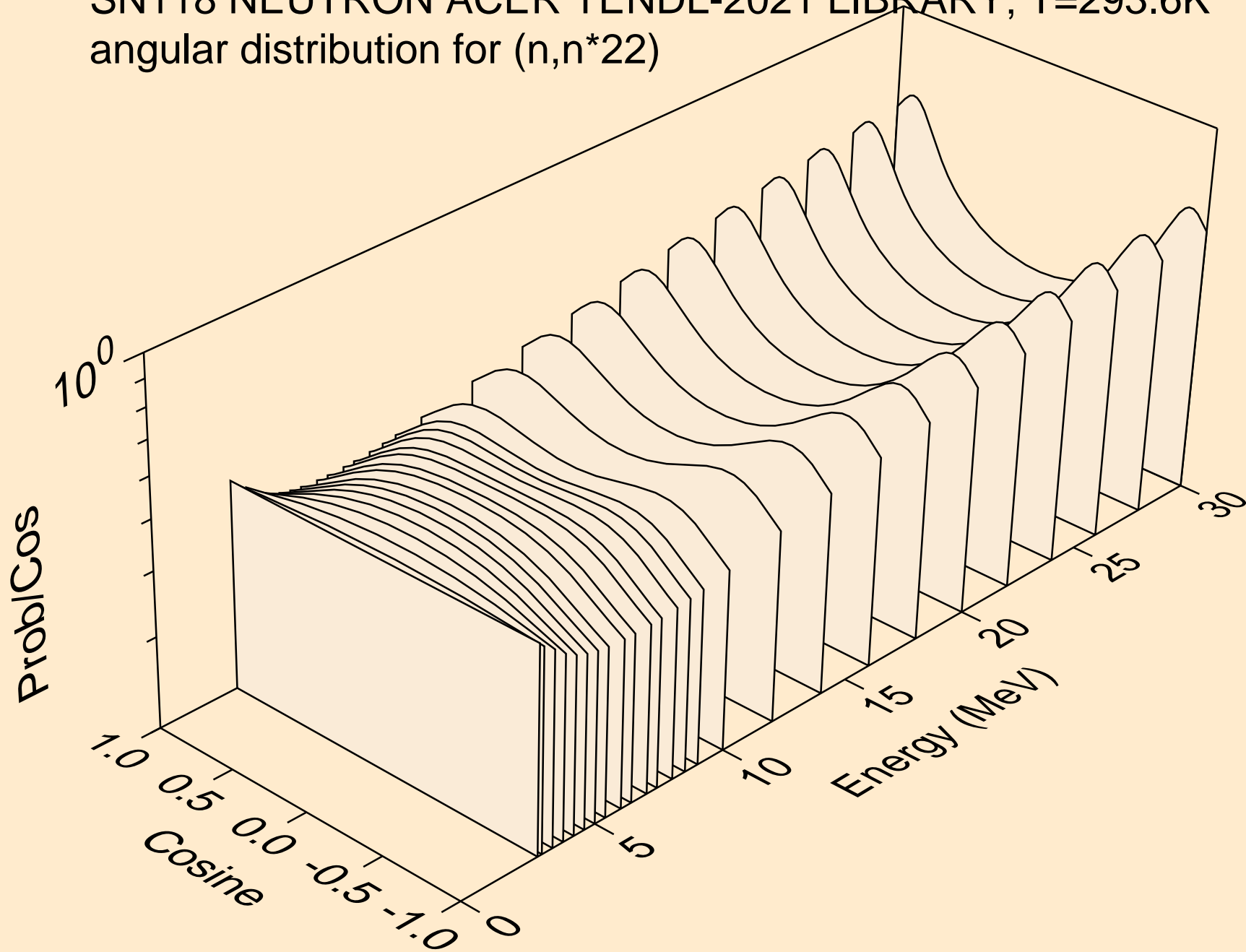
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angular distribution for (n,n\*20)



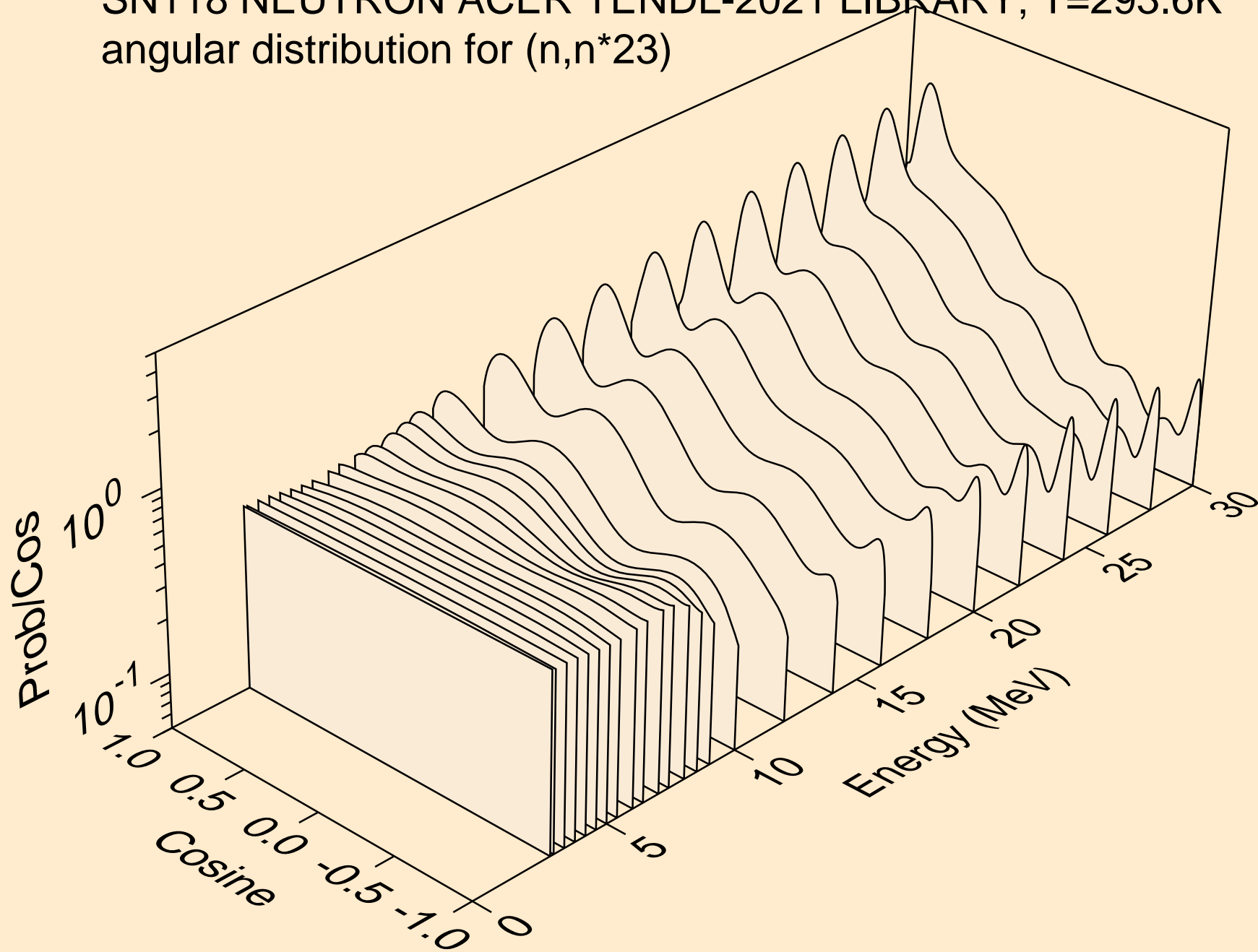
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angular distribution for (n,n\*21)



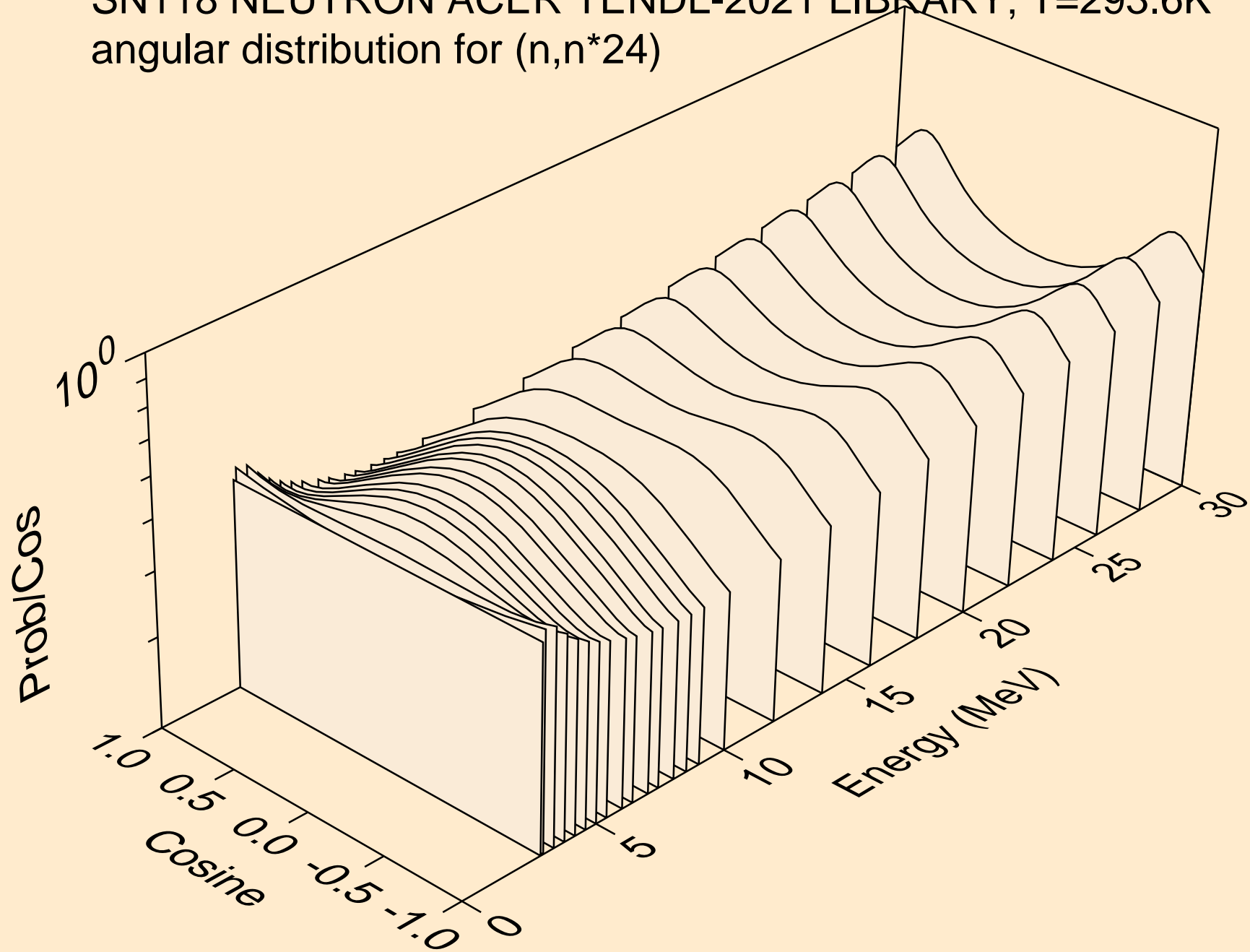
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



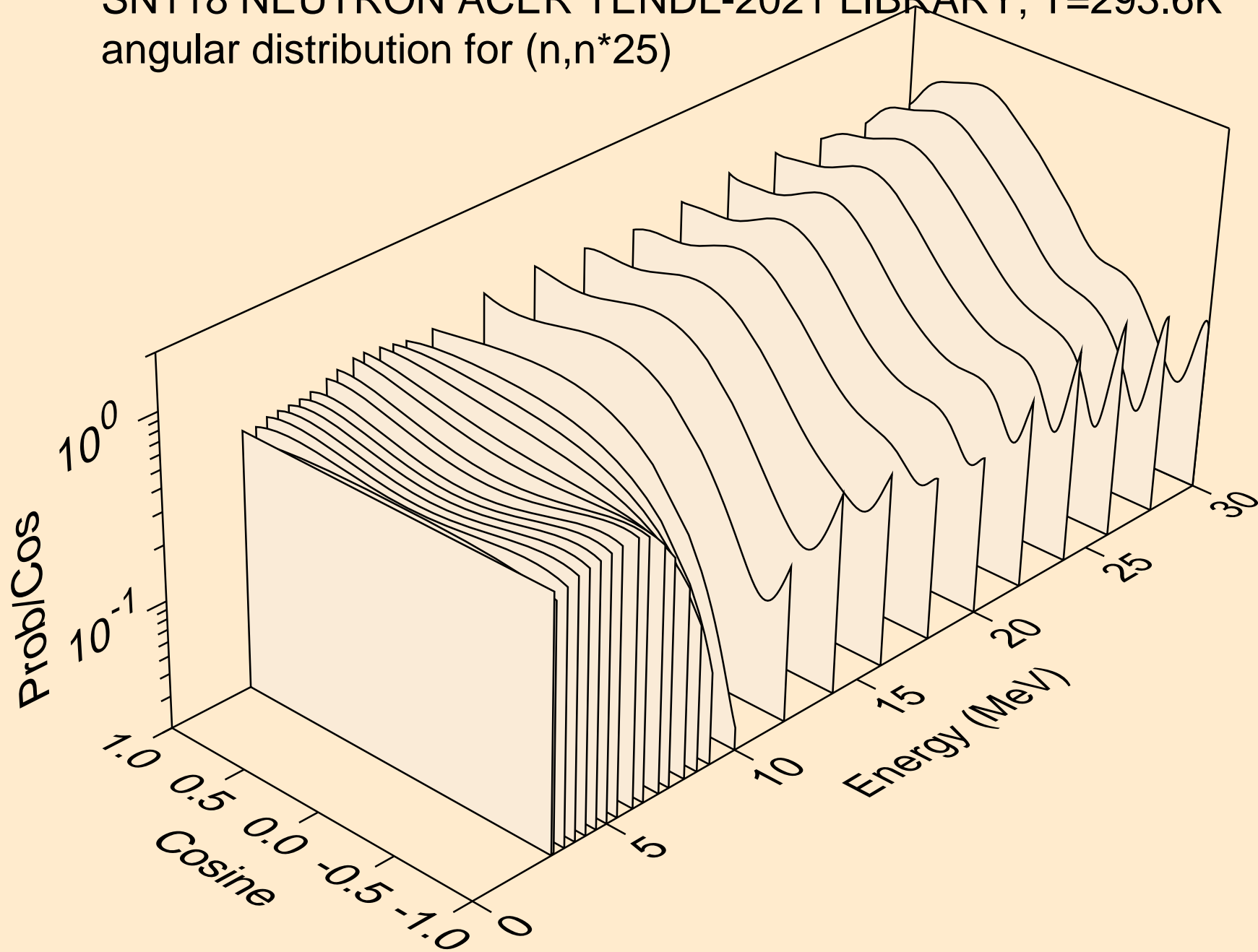
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

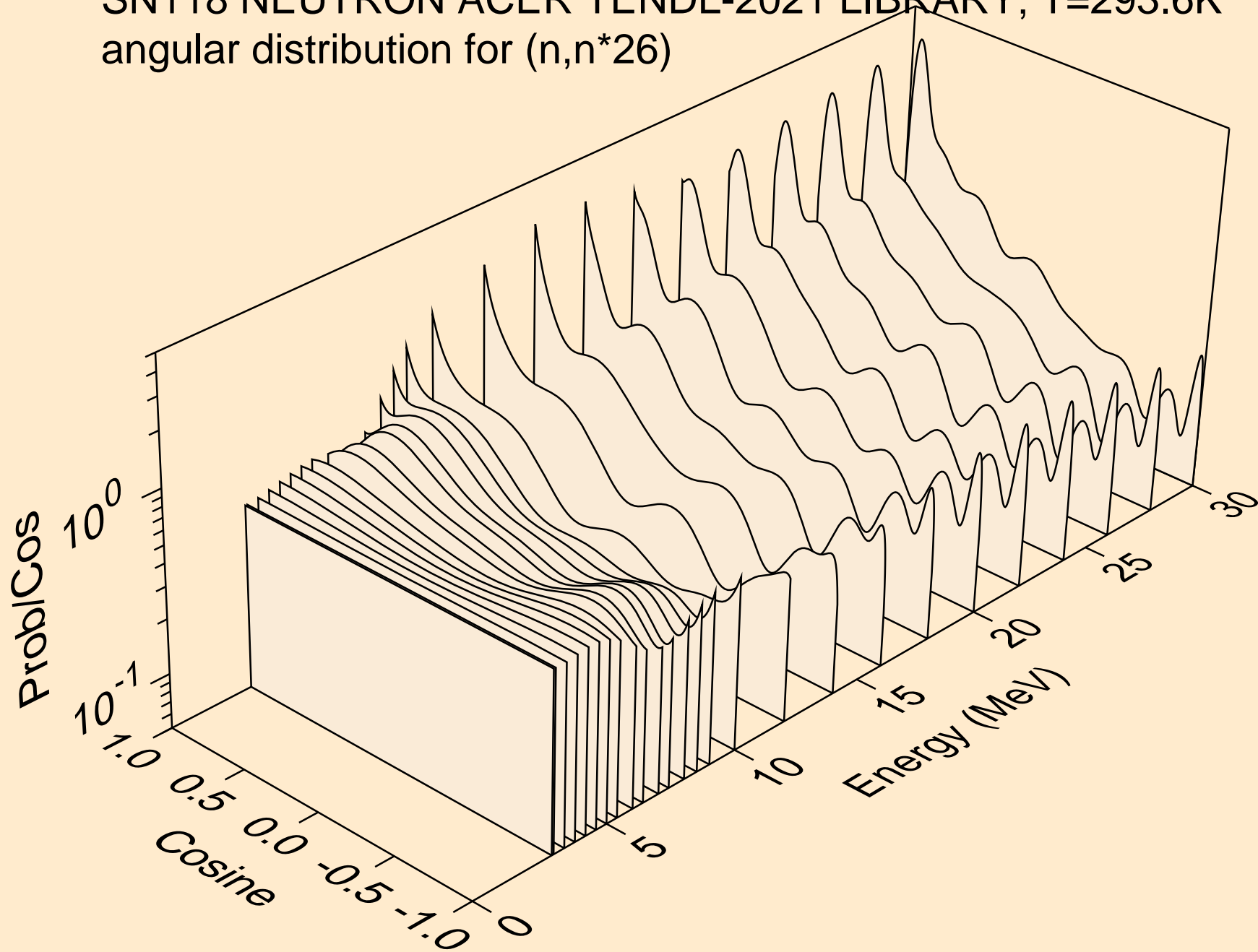


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

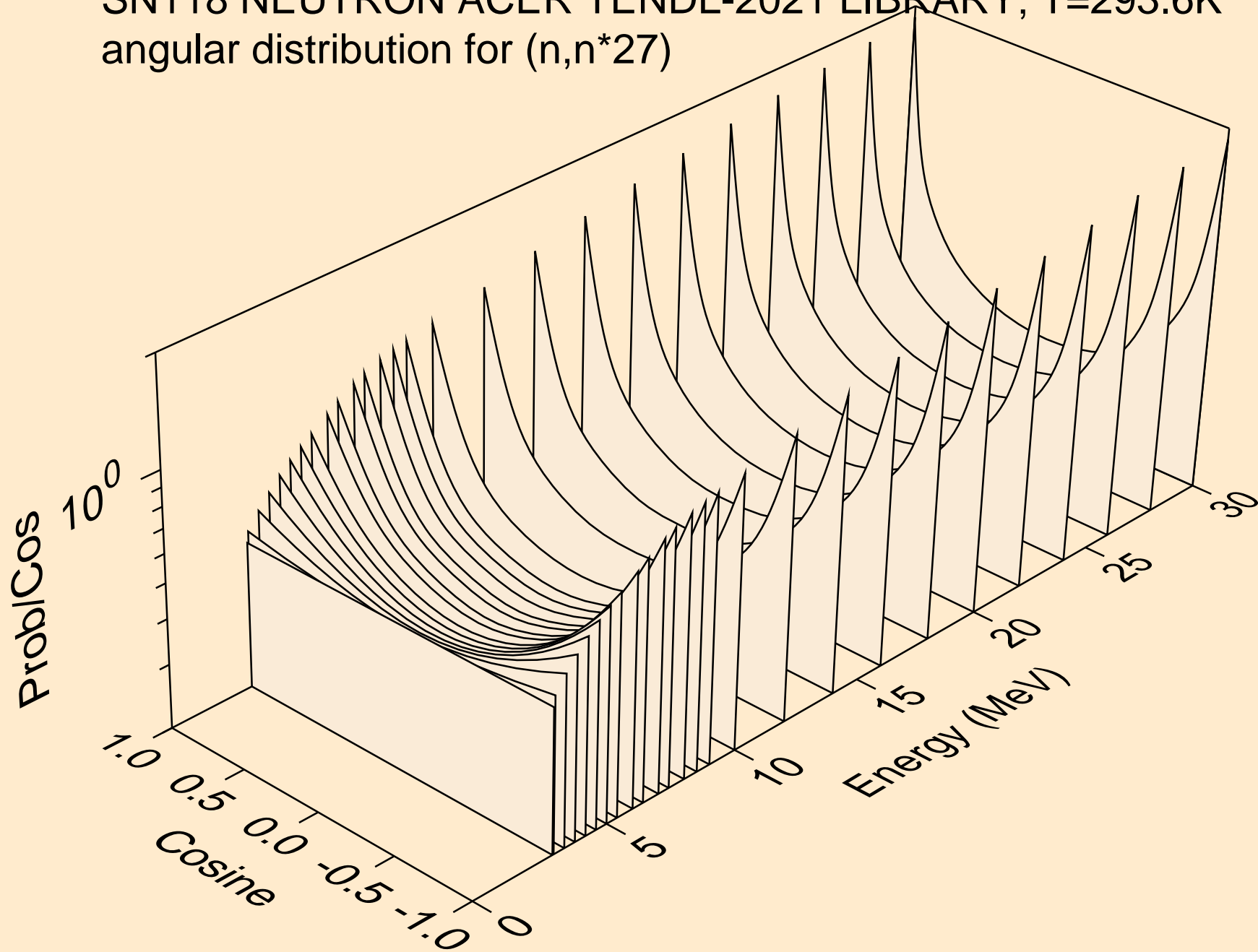




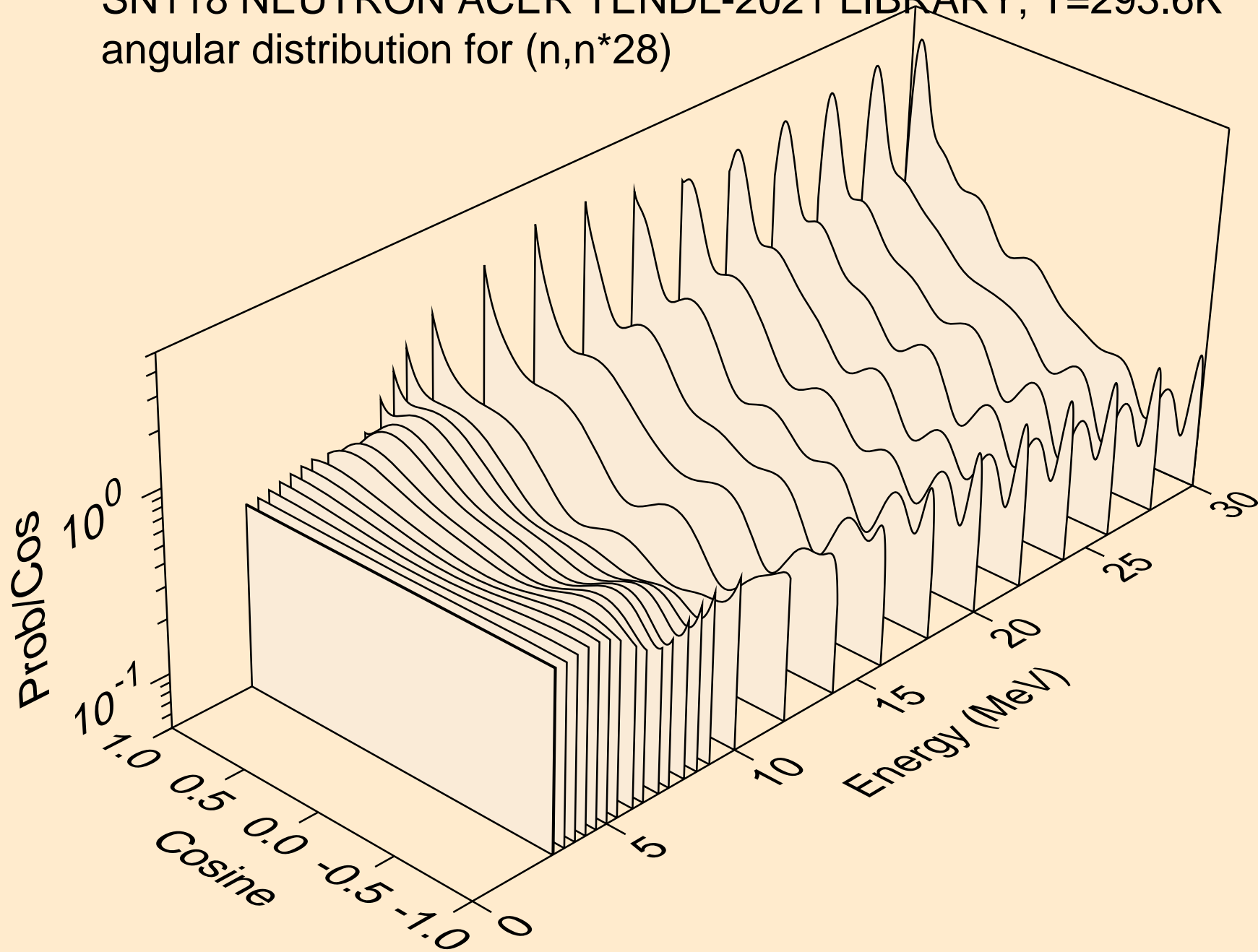
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



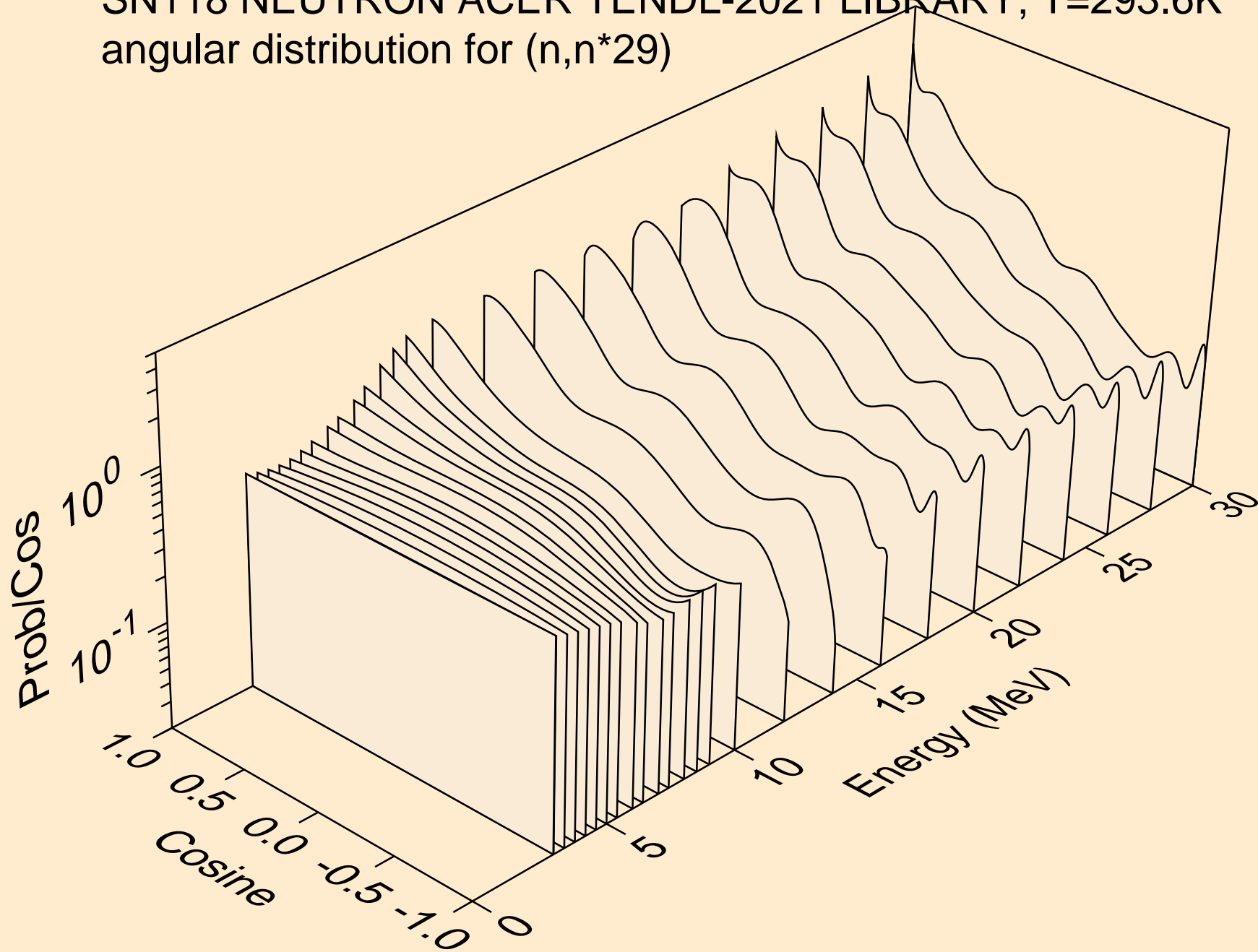
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



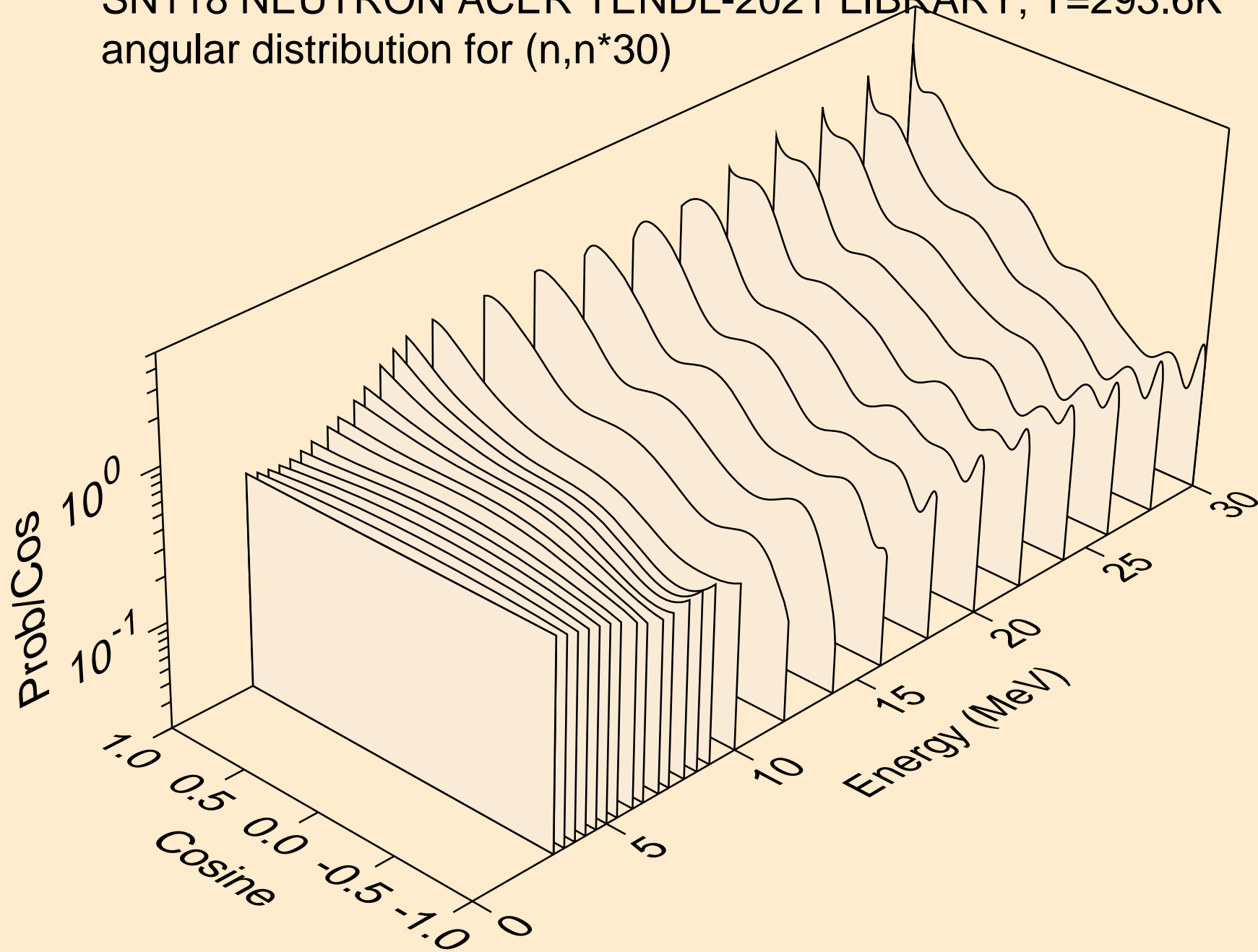
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



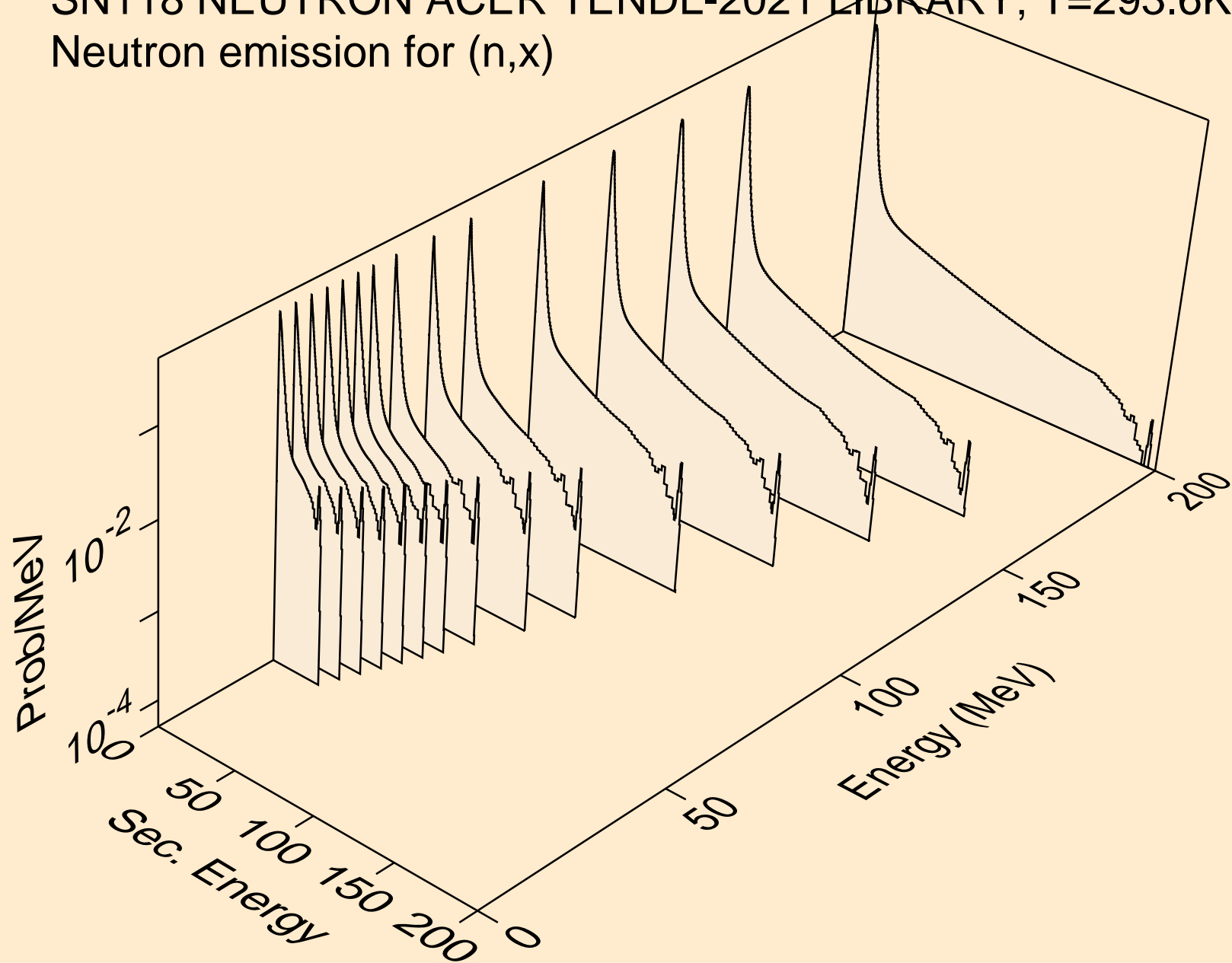
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*29)



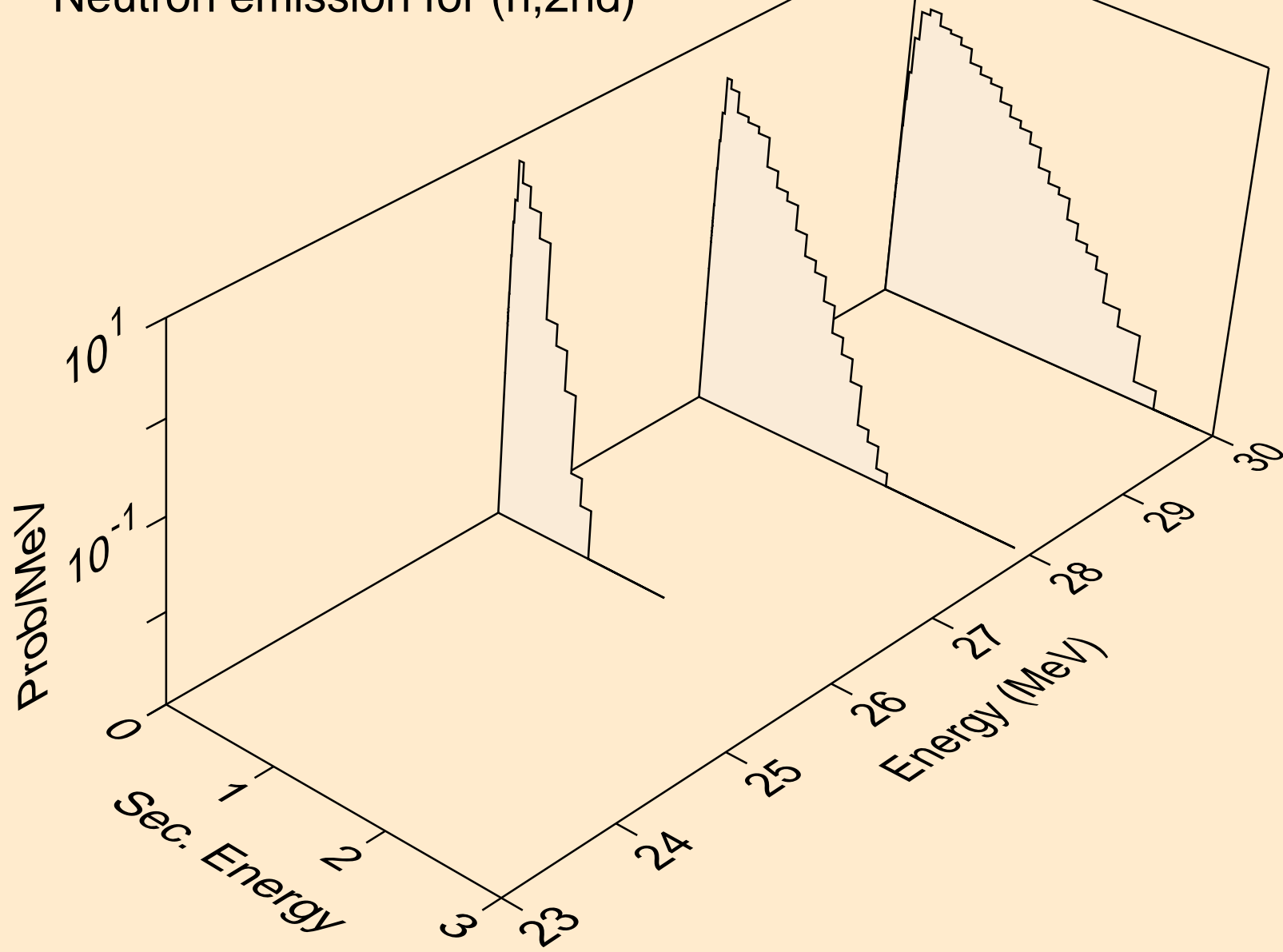
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*30)



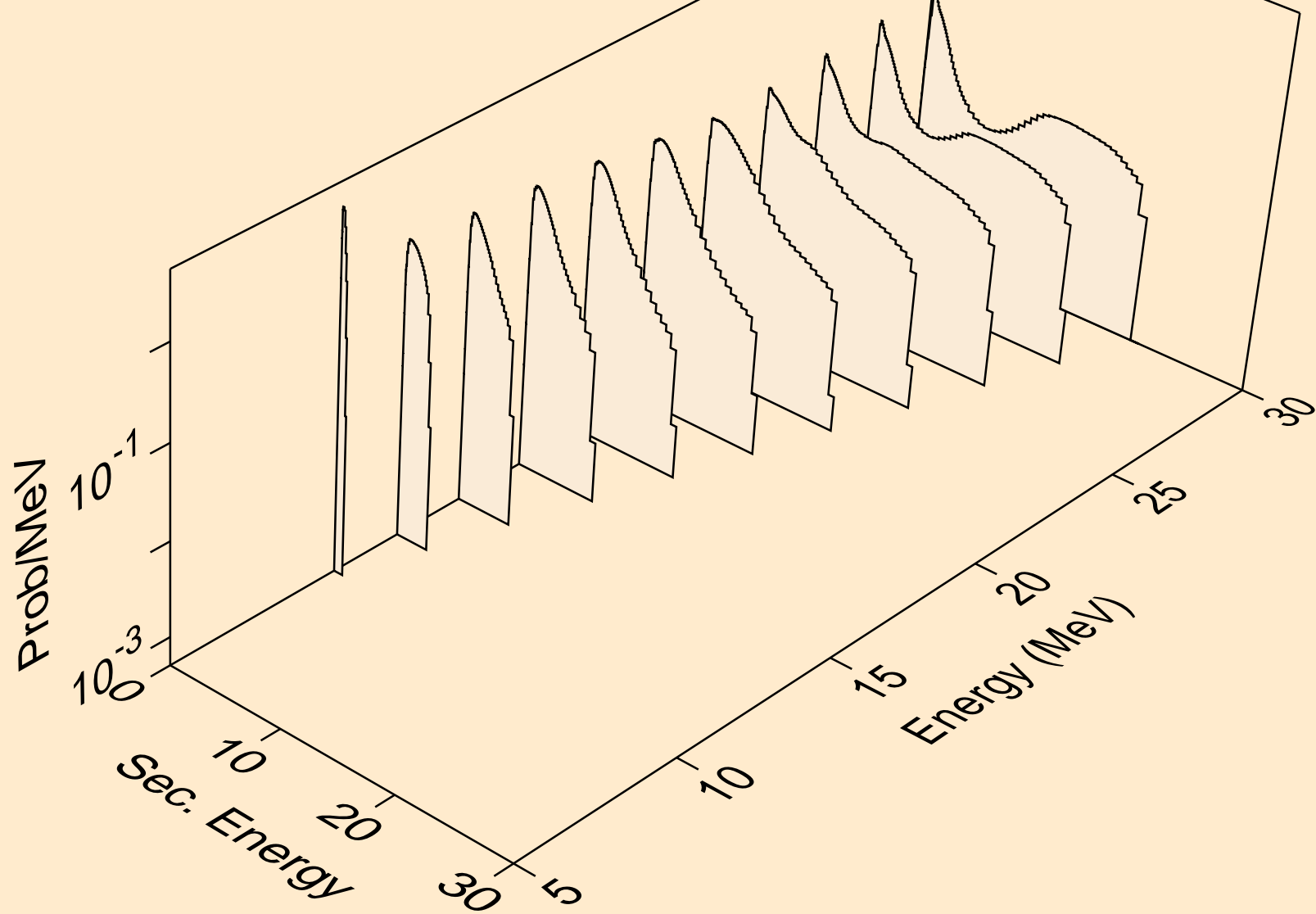
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)

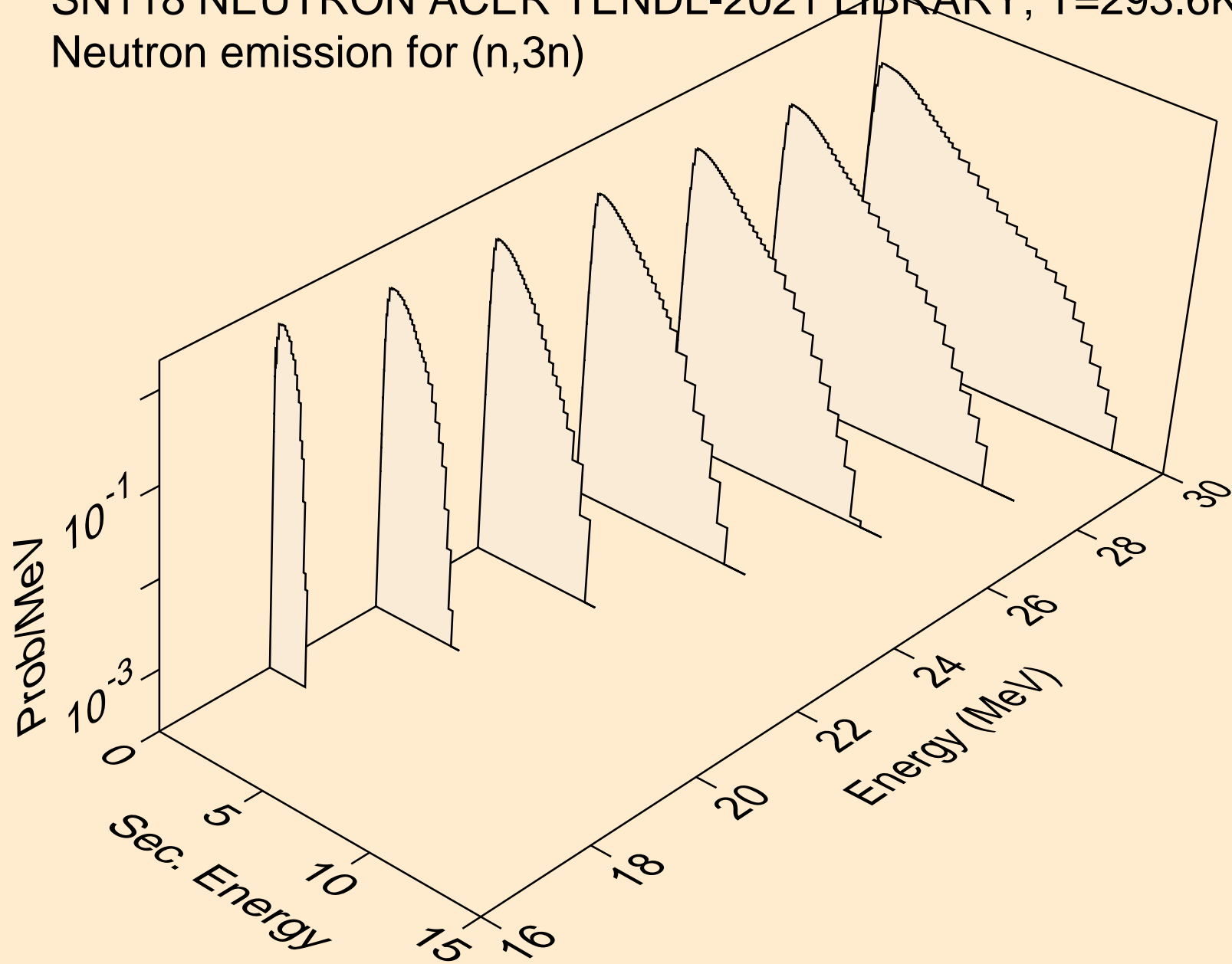


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

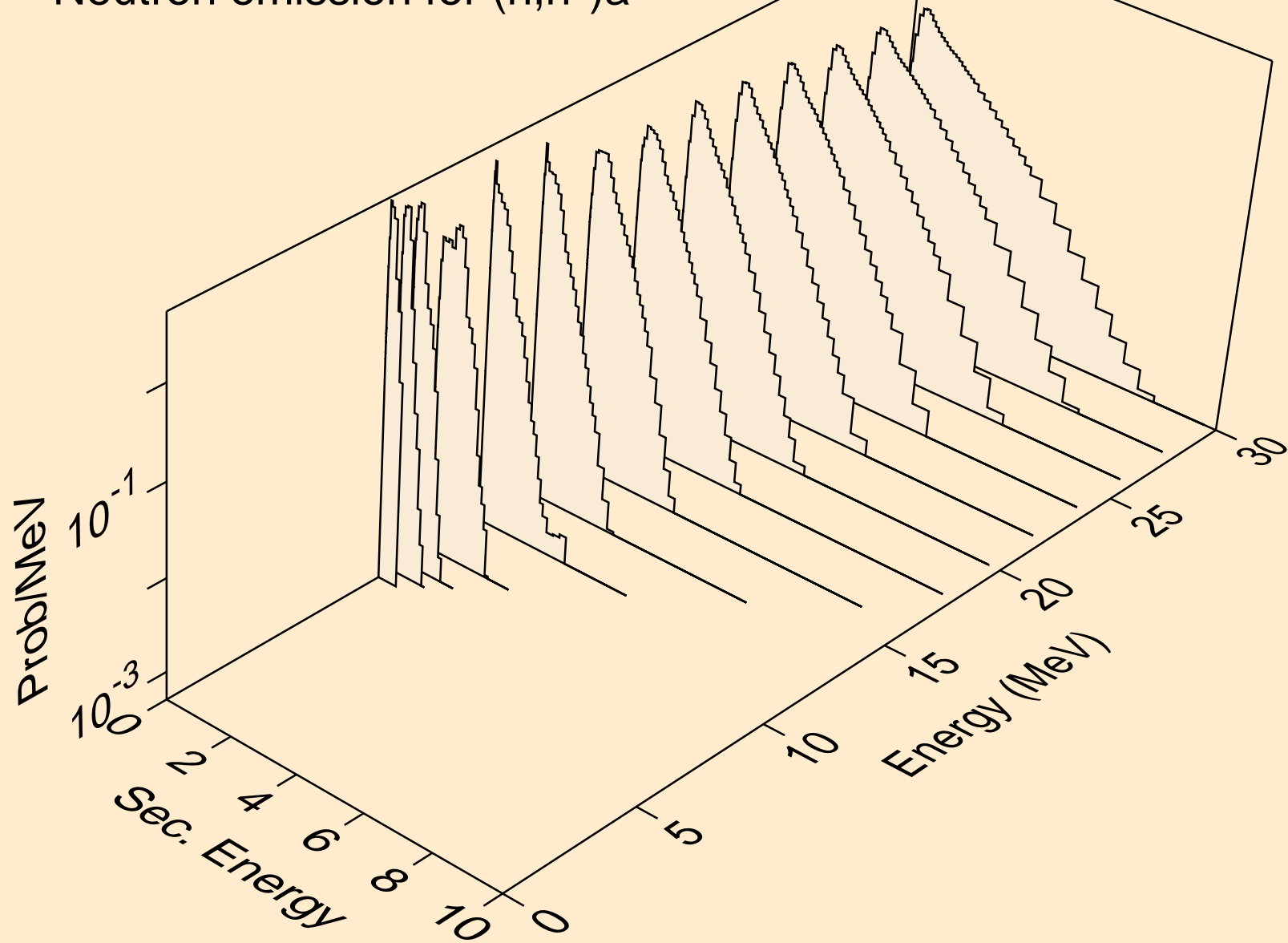




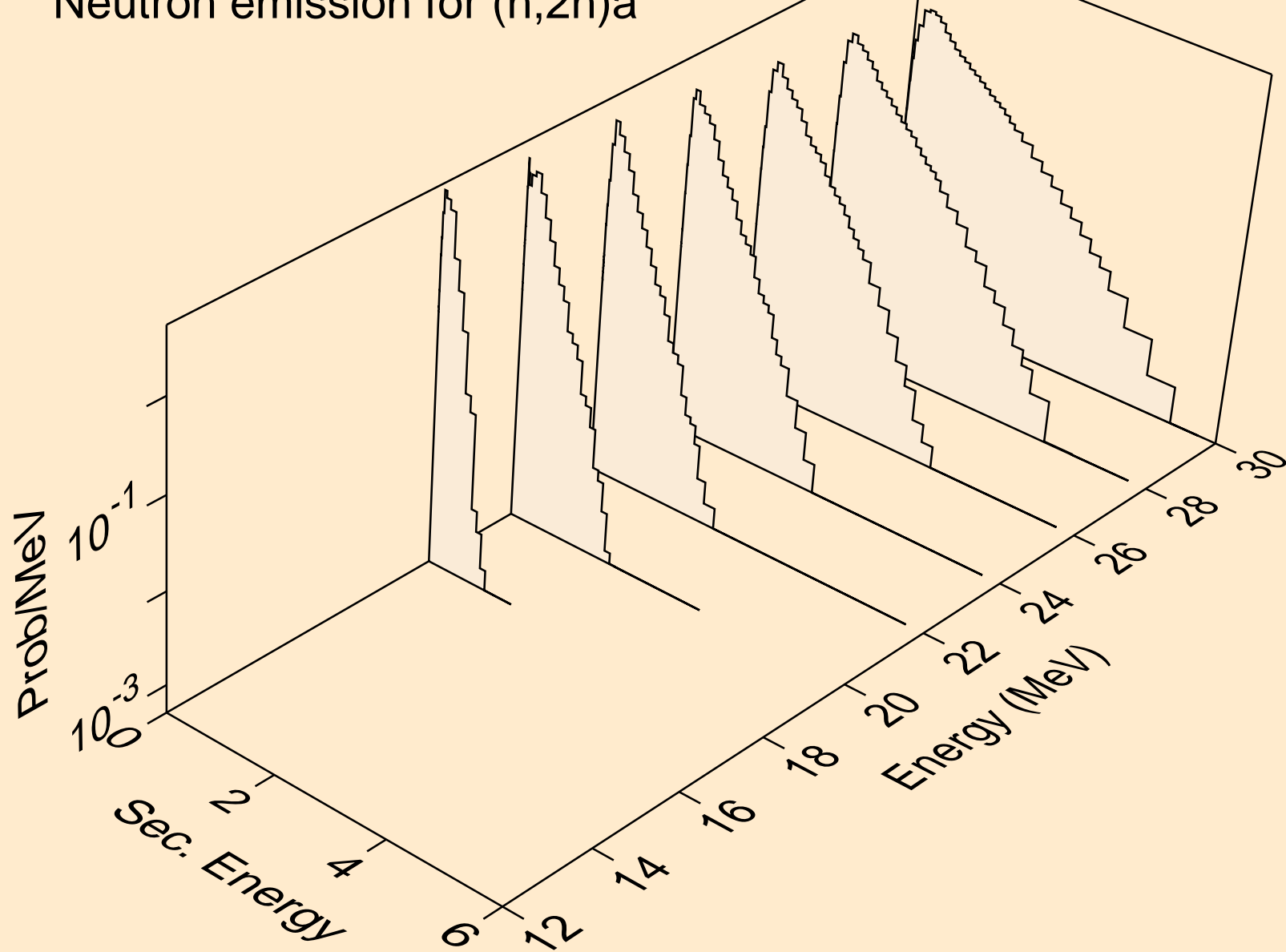
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



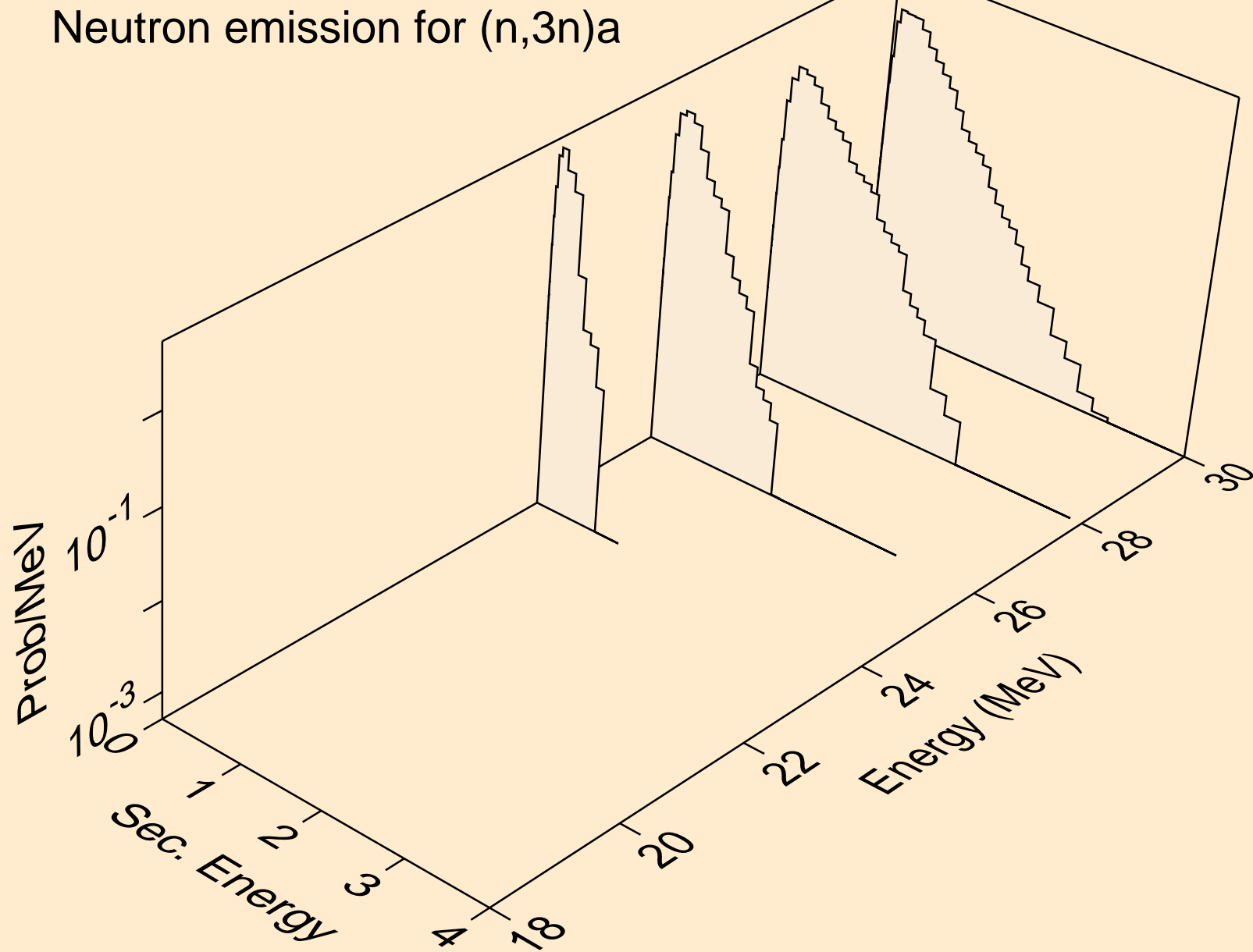
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



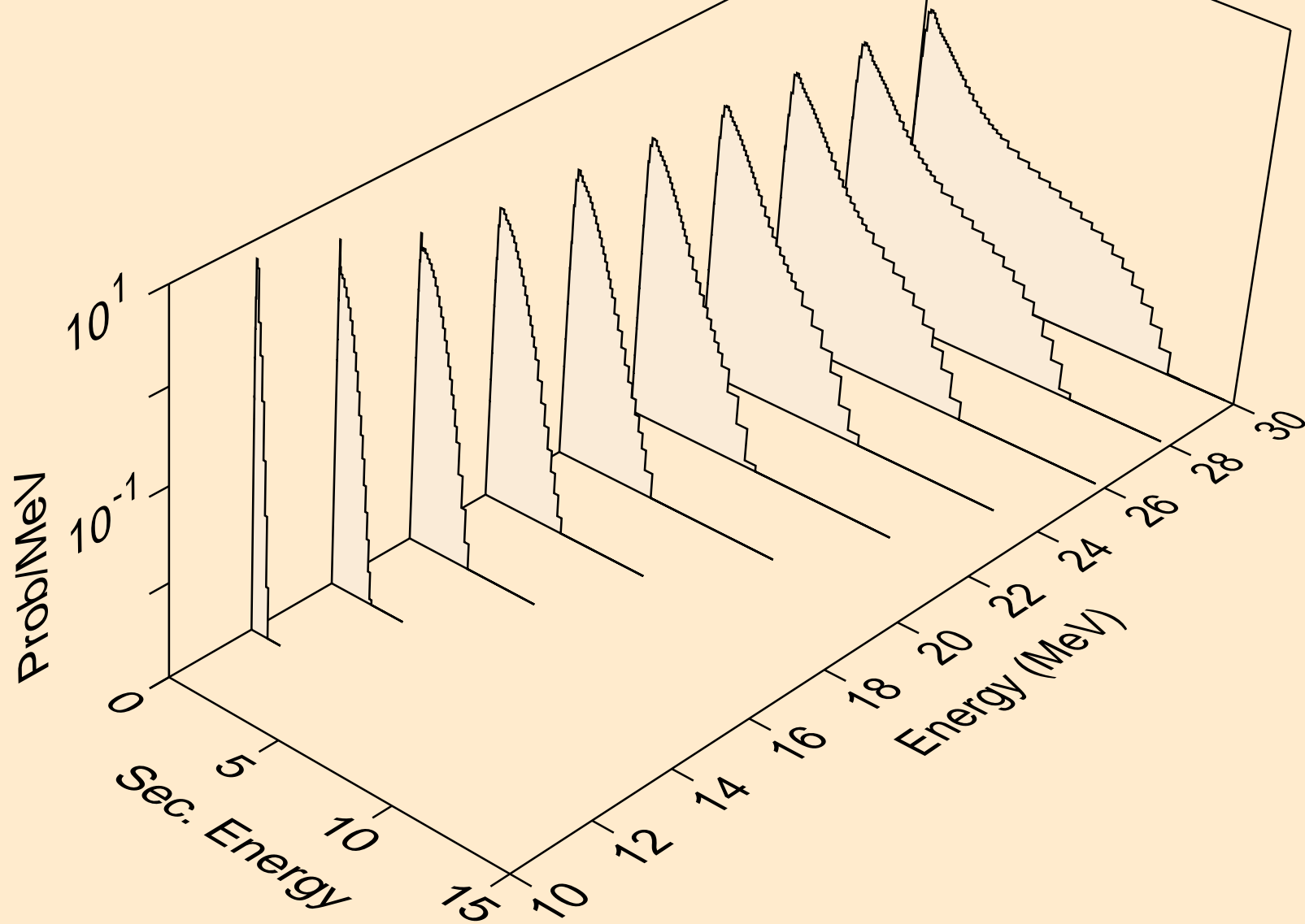
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



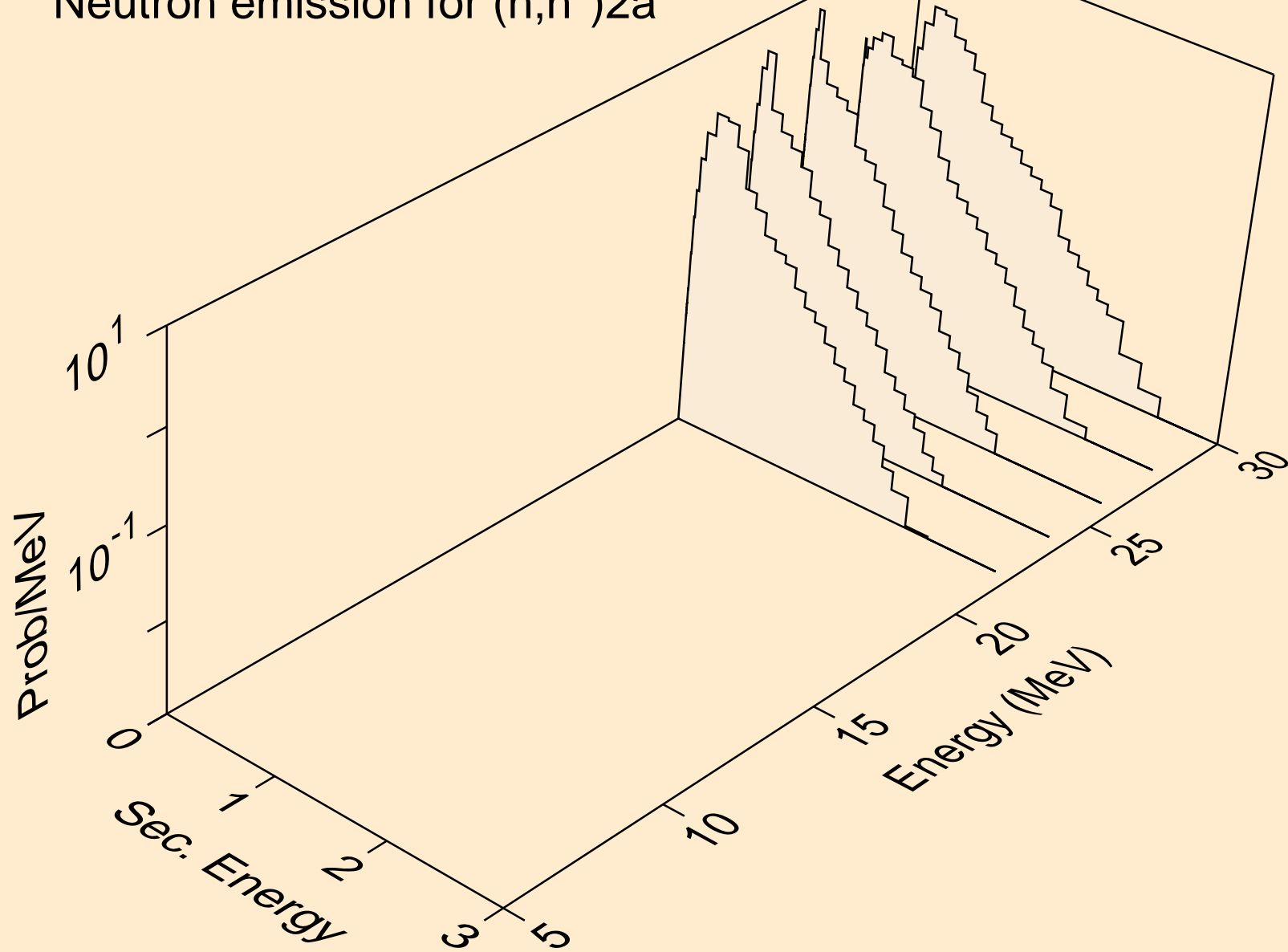
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



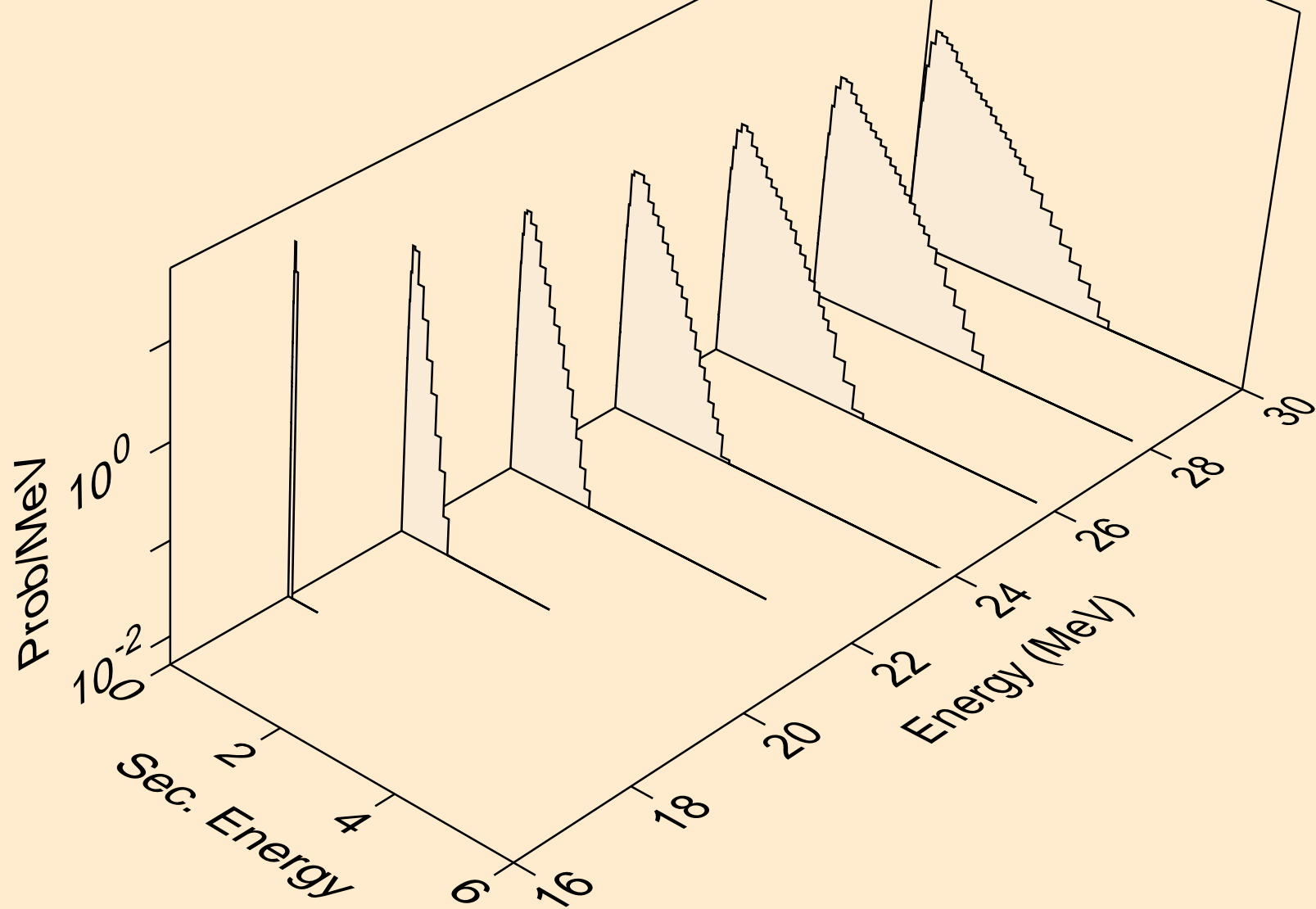
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



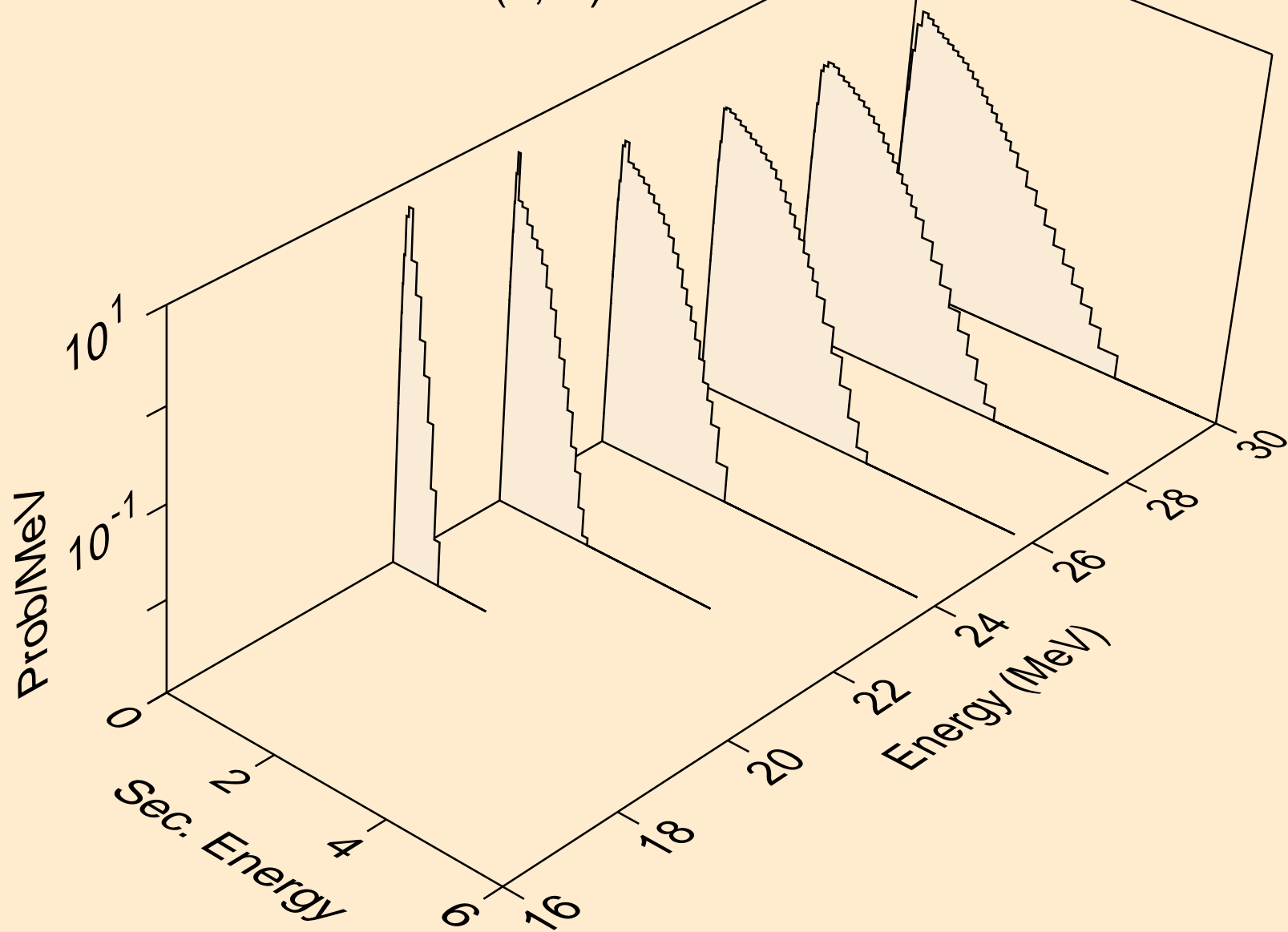
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d

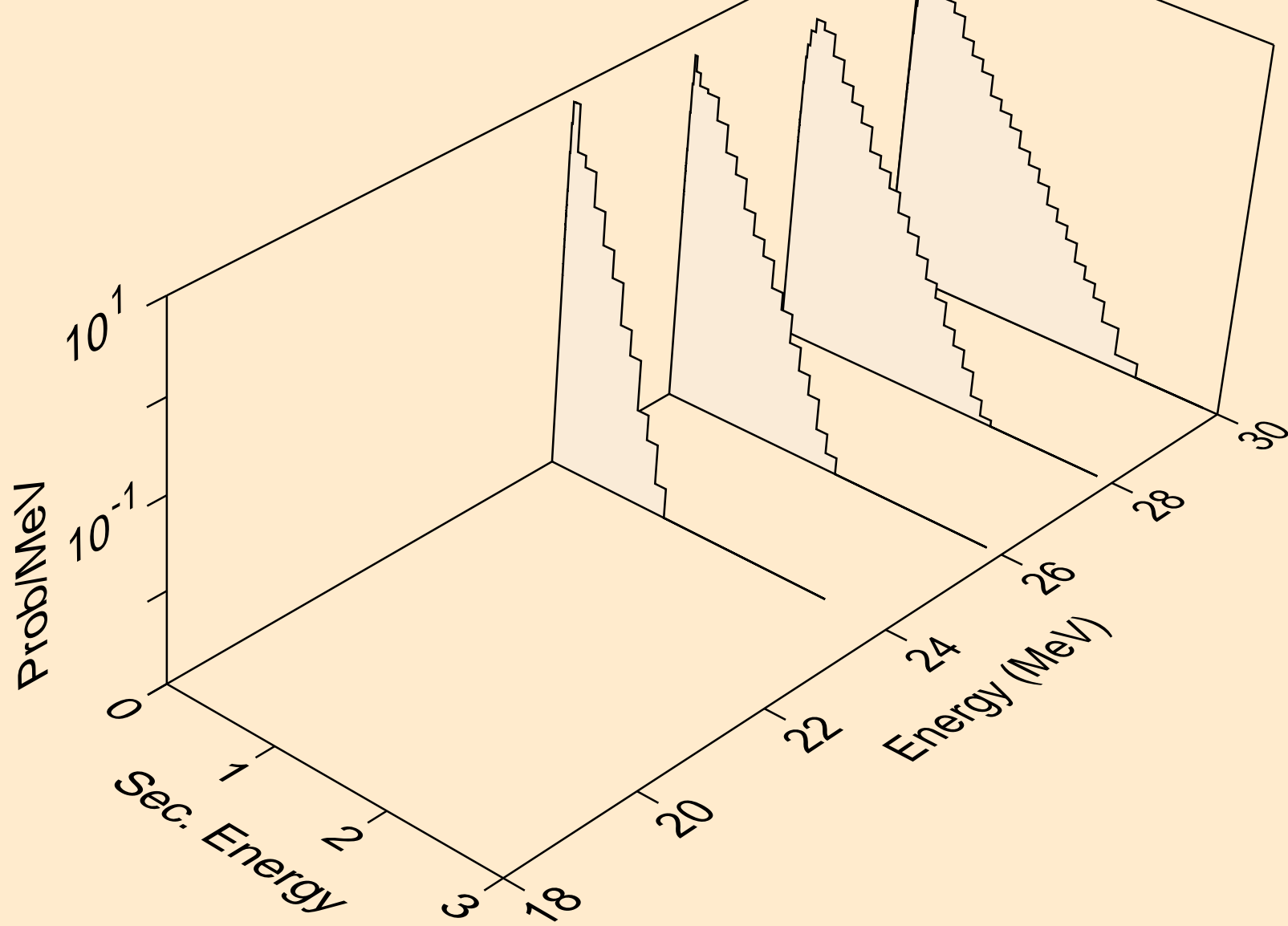


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

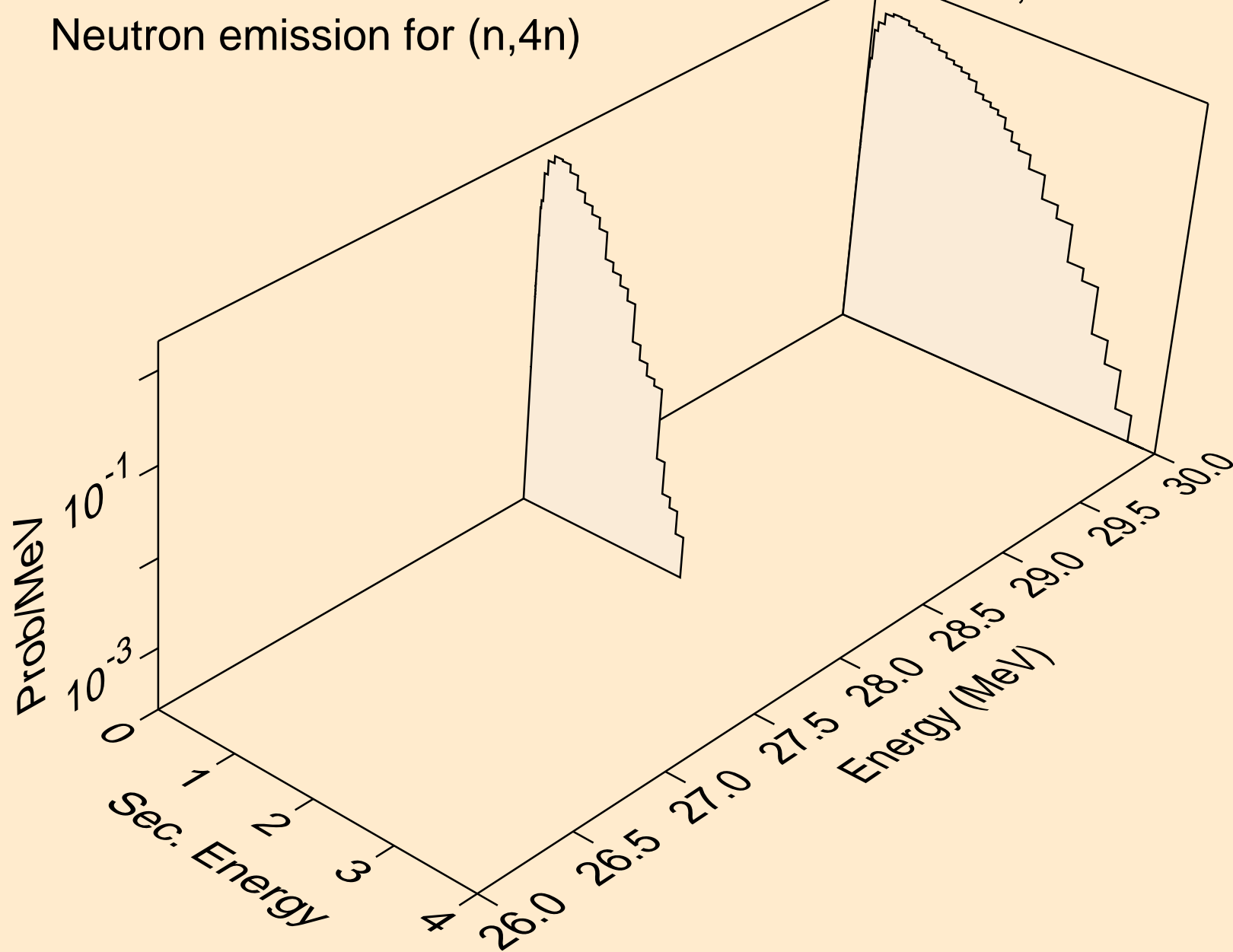




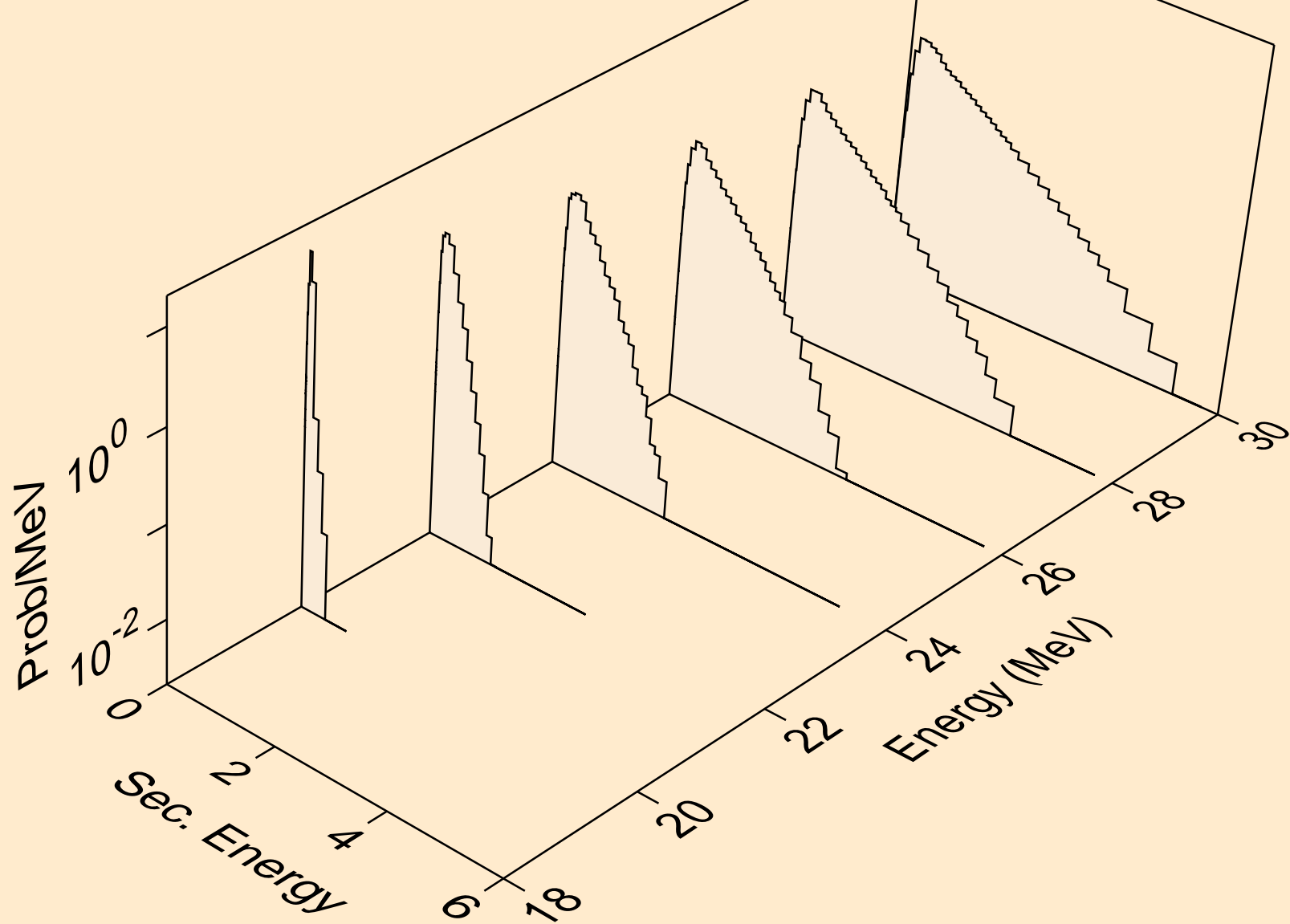
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



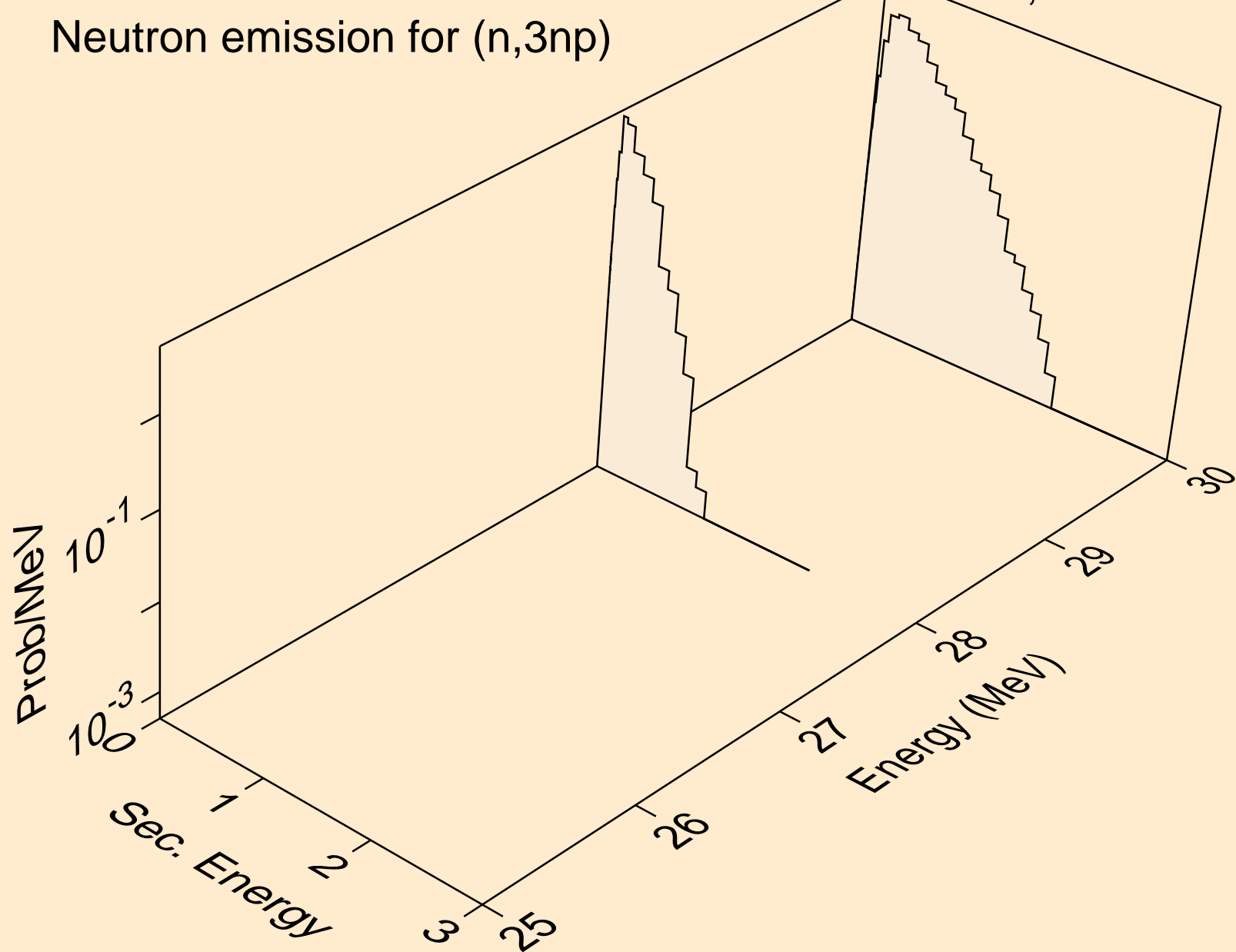
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



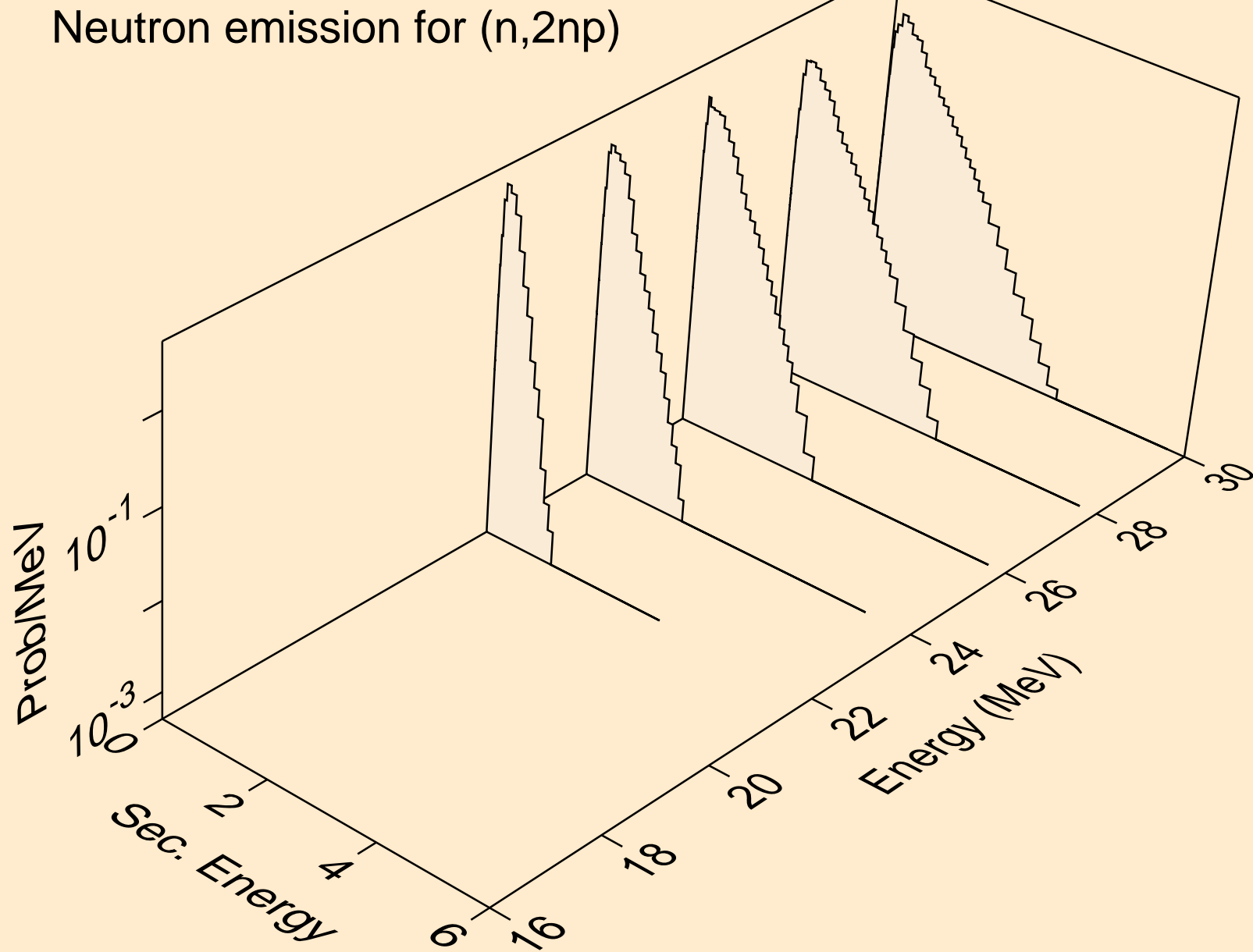
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



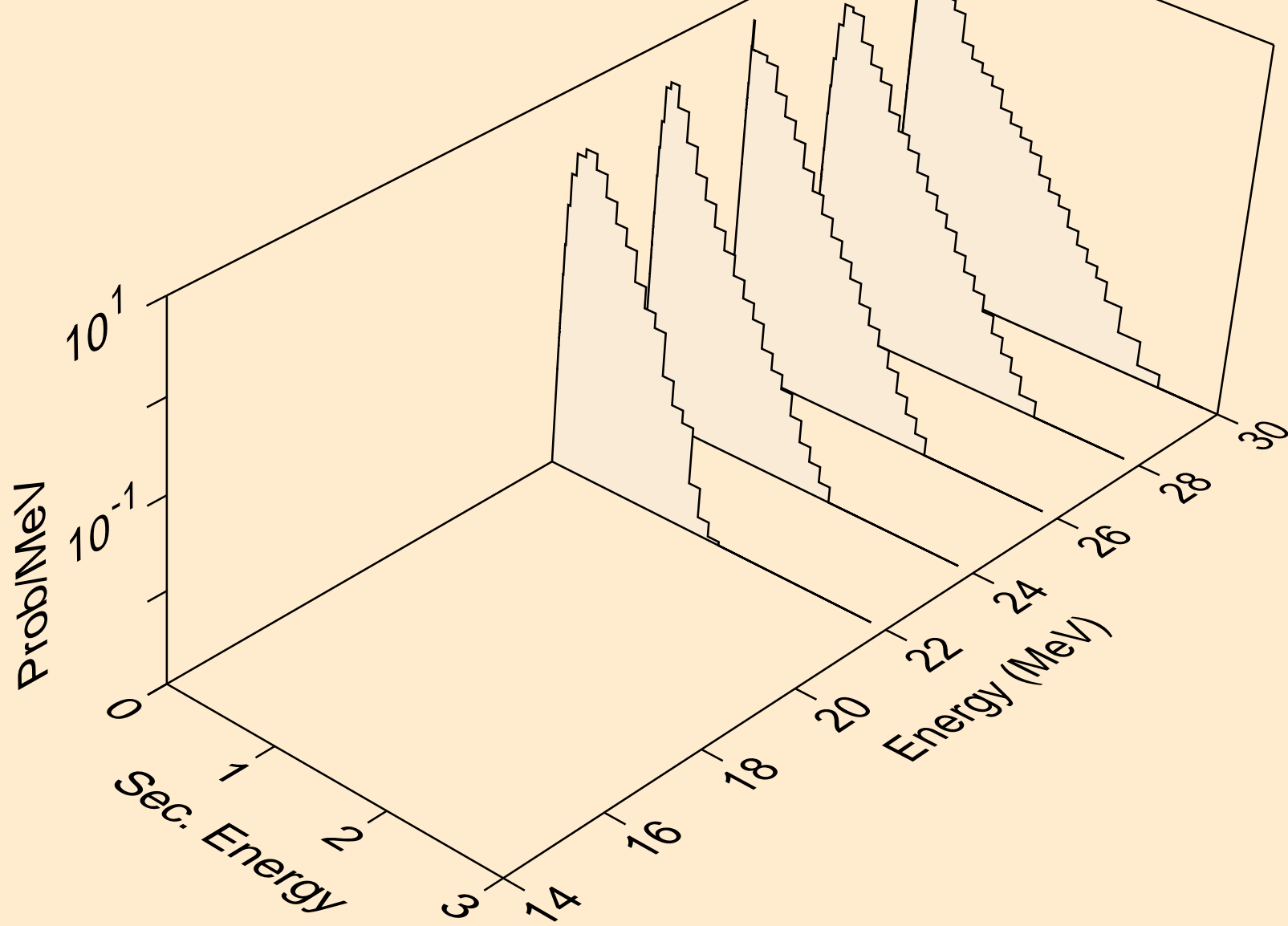
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



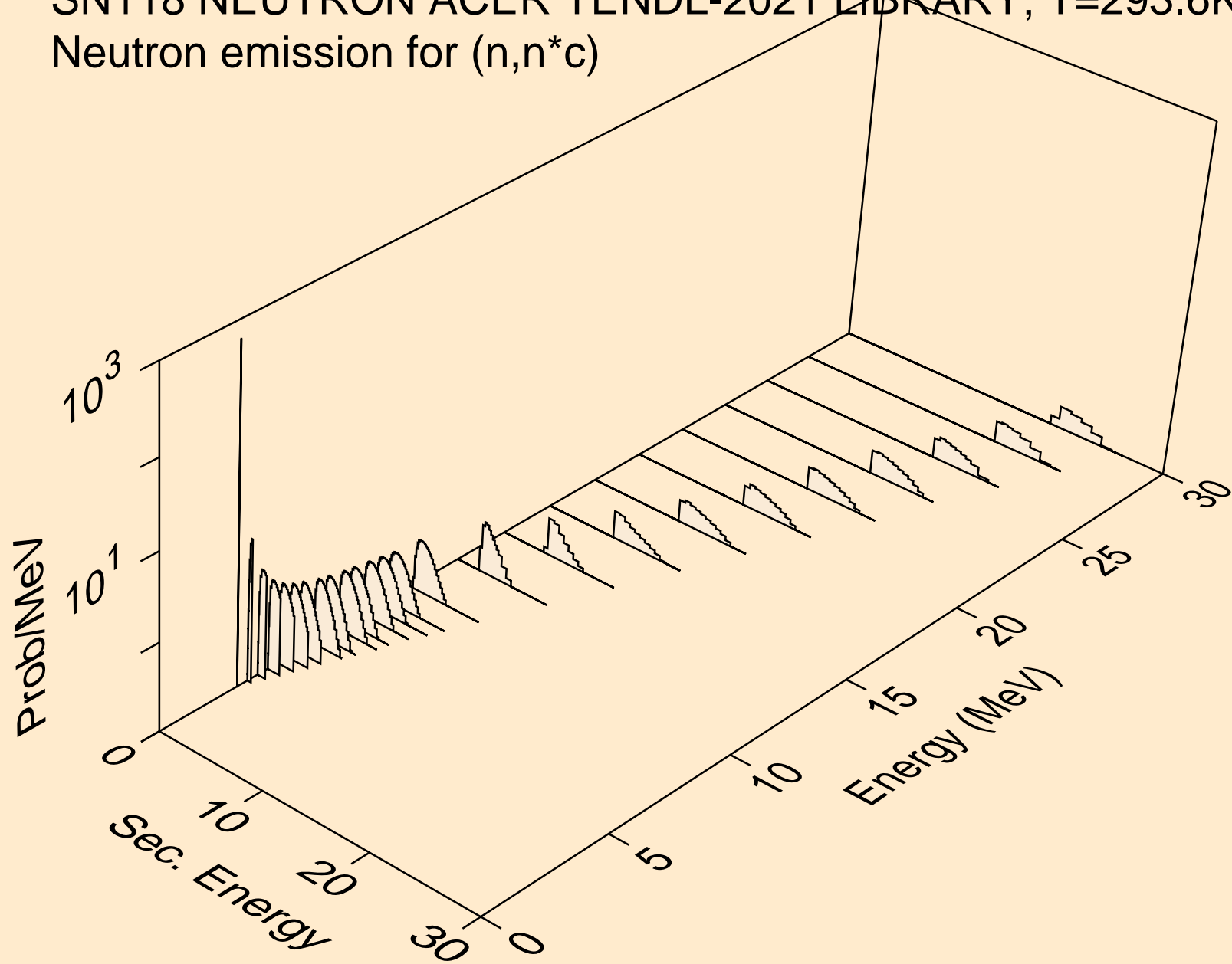
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



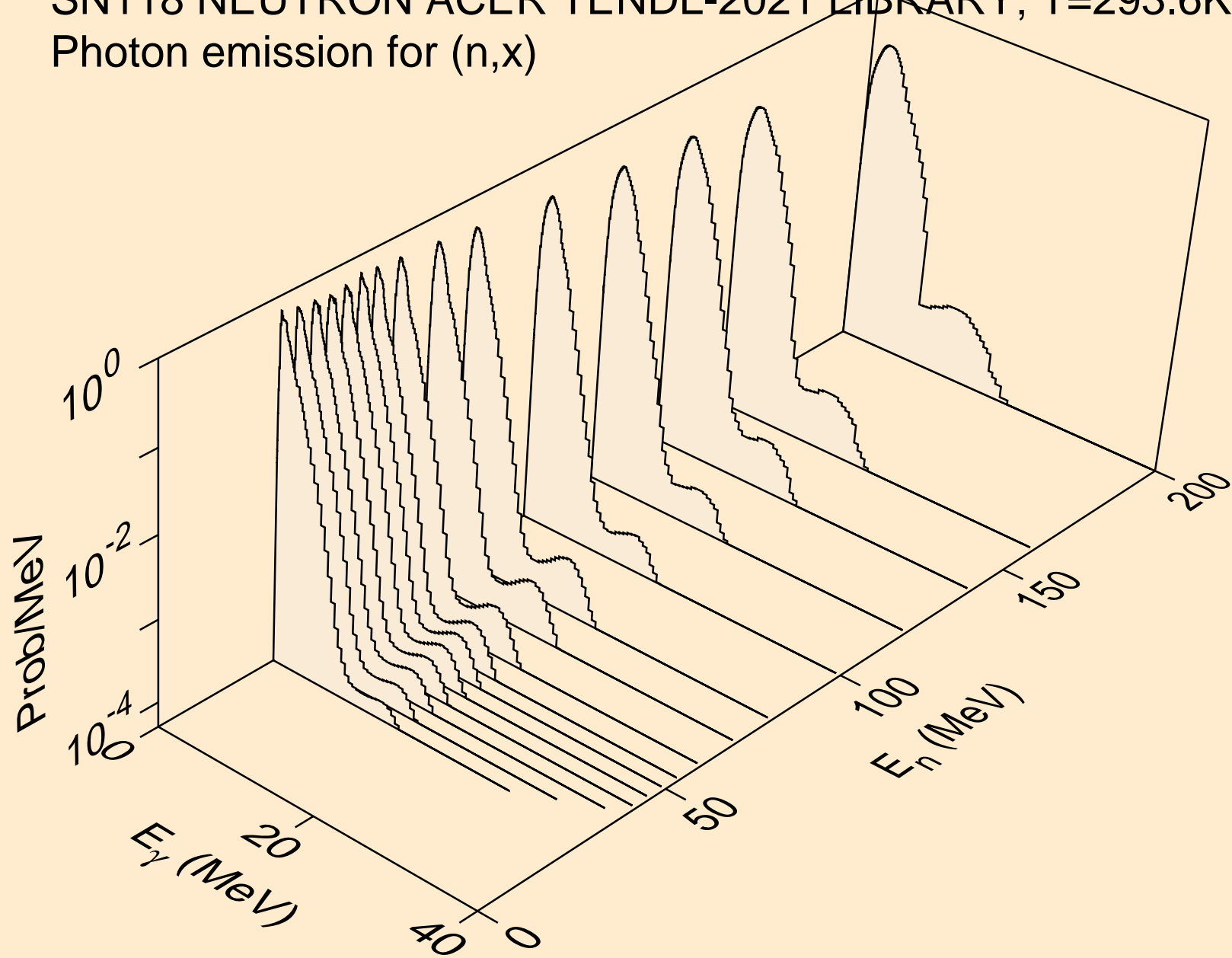
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)

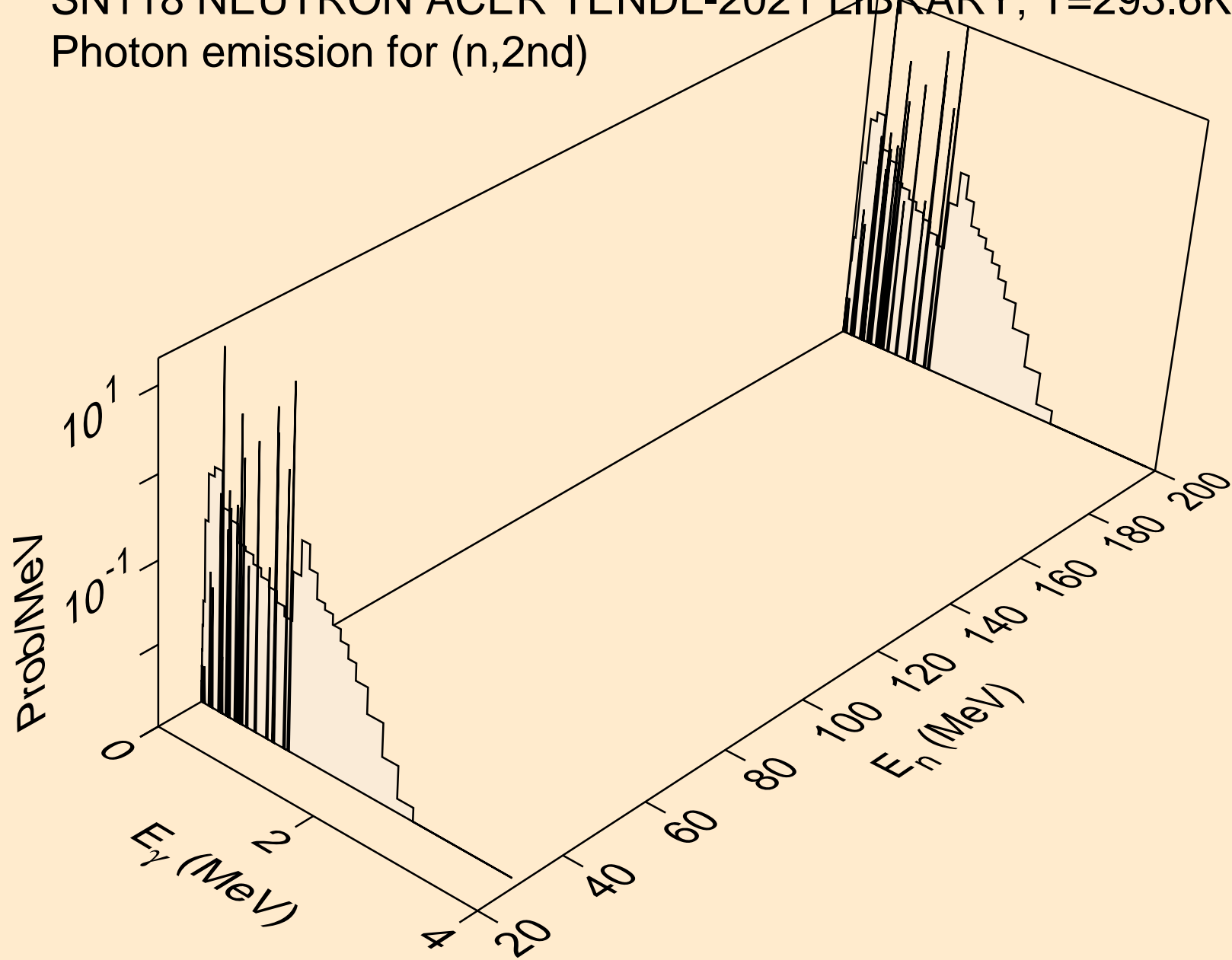


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)

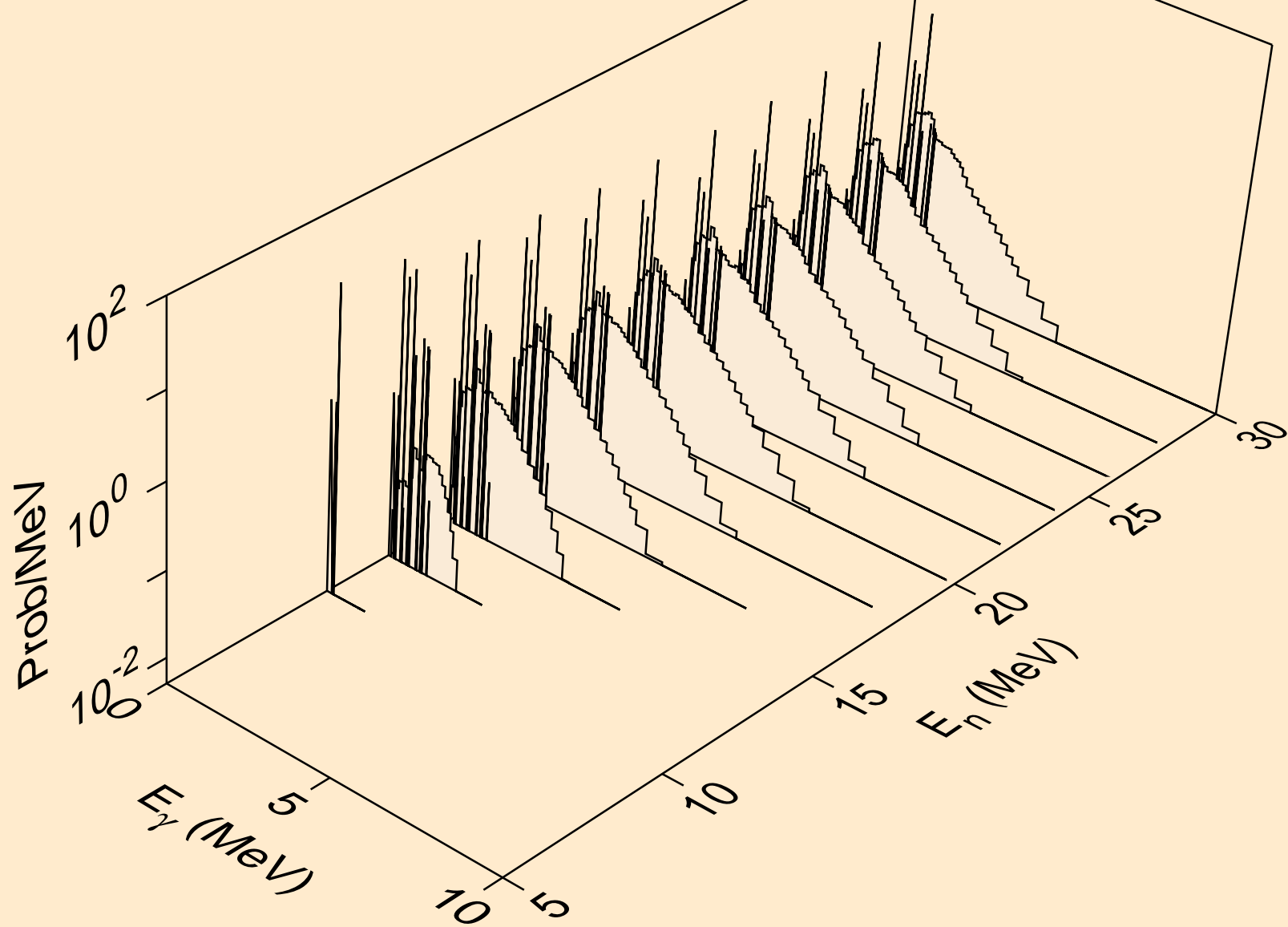




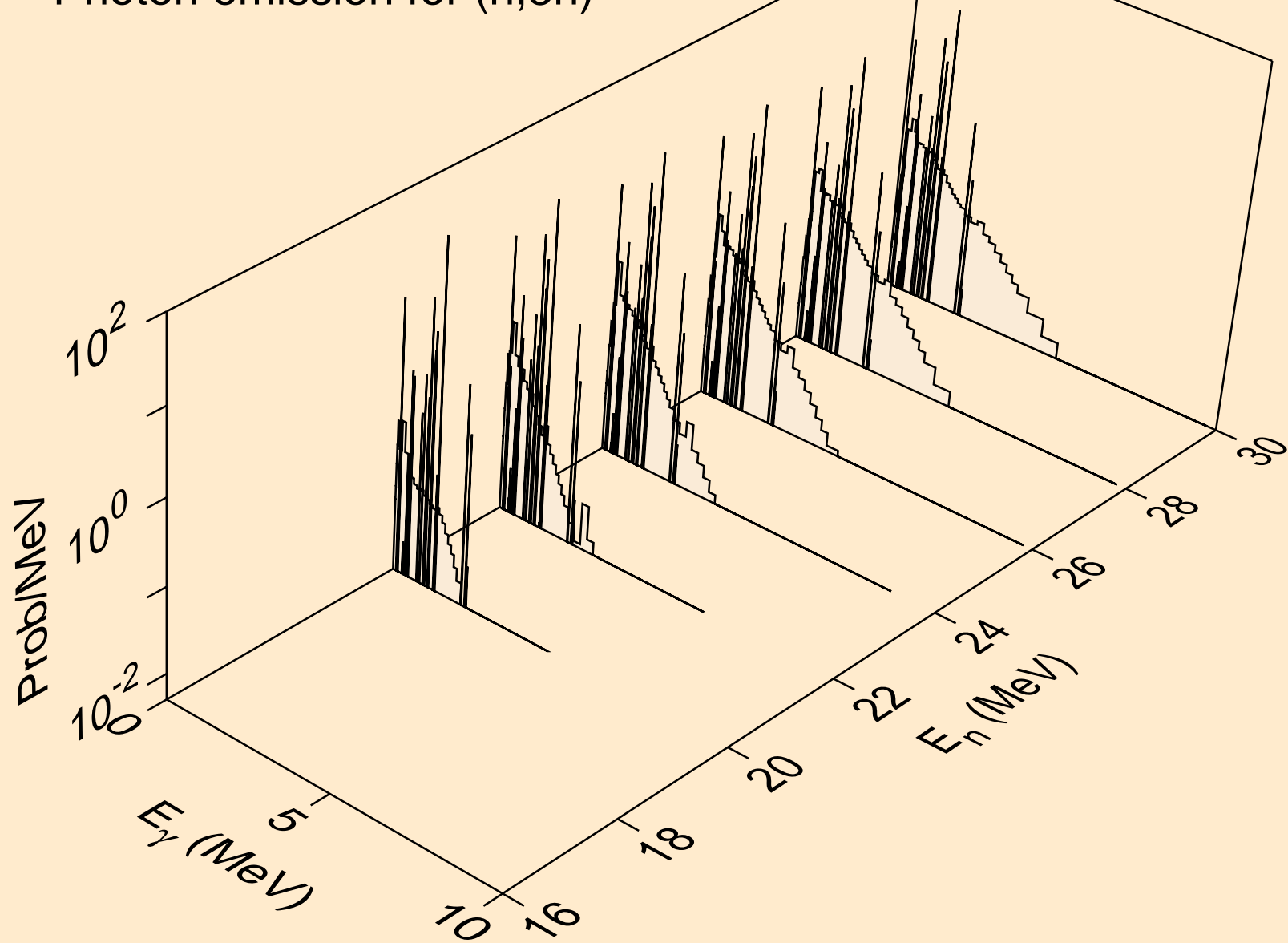
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



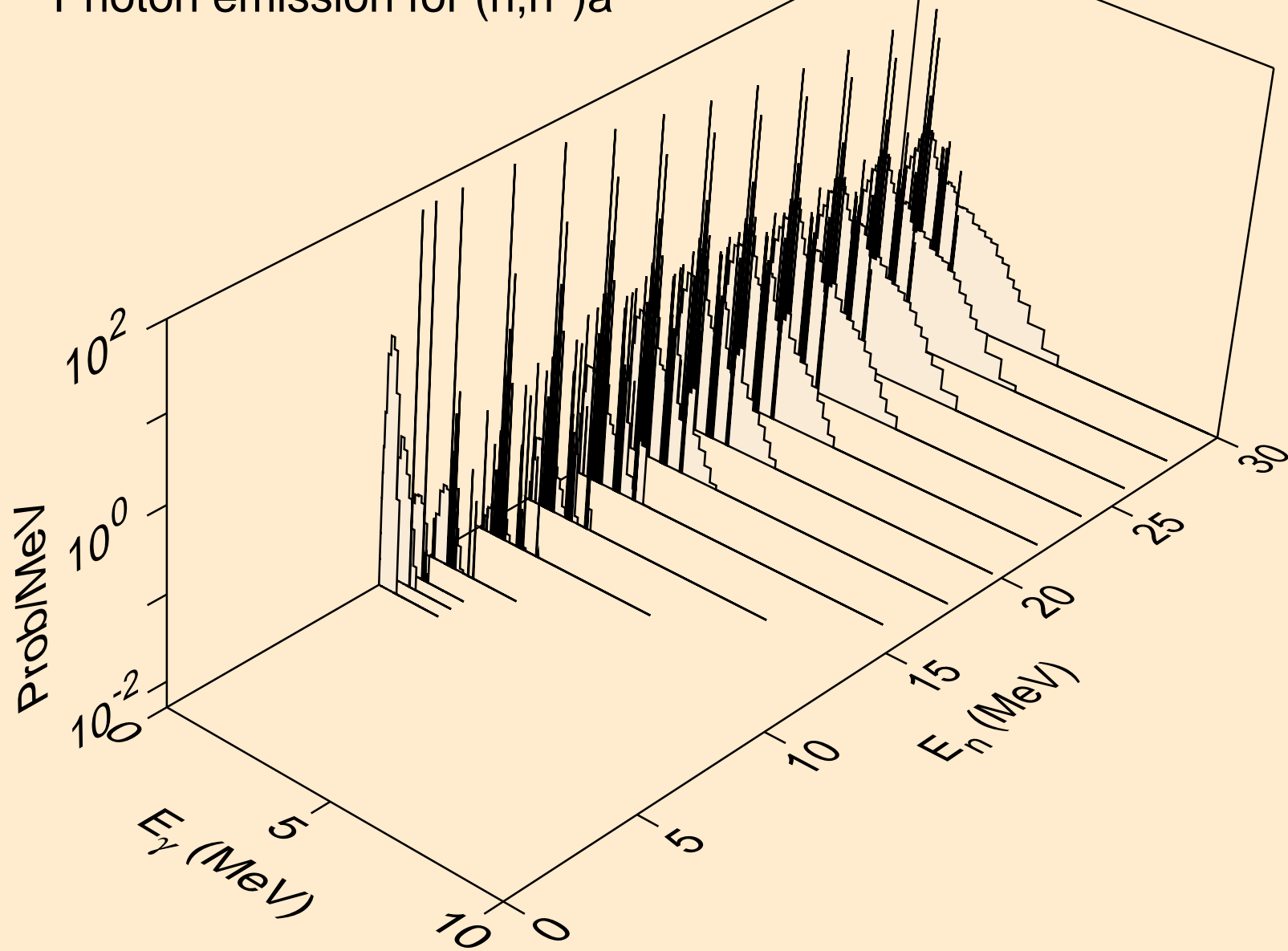
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



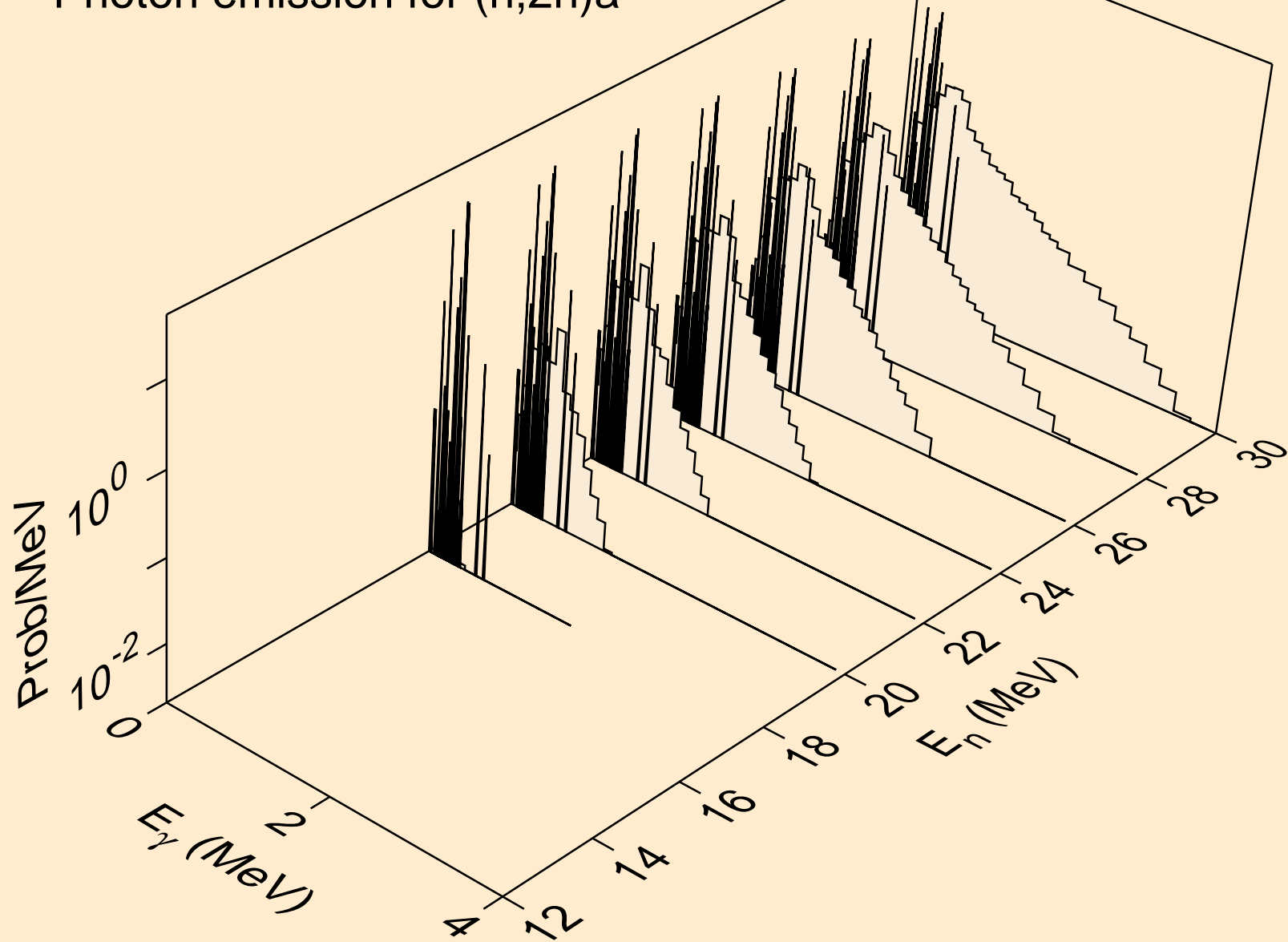
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



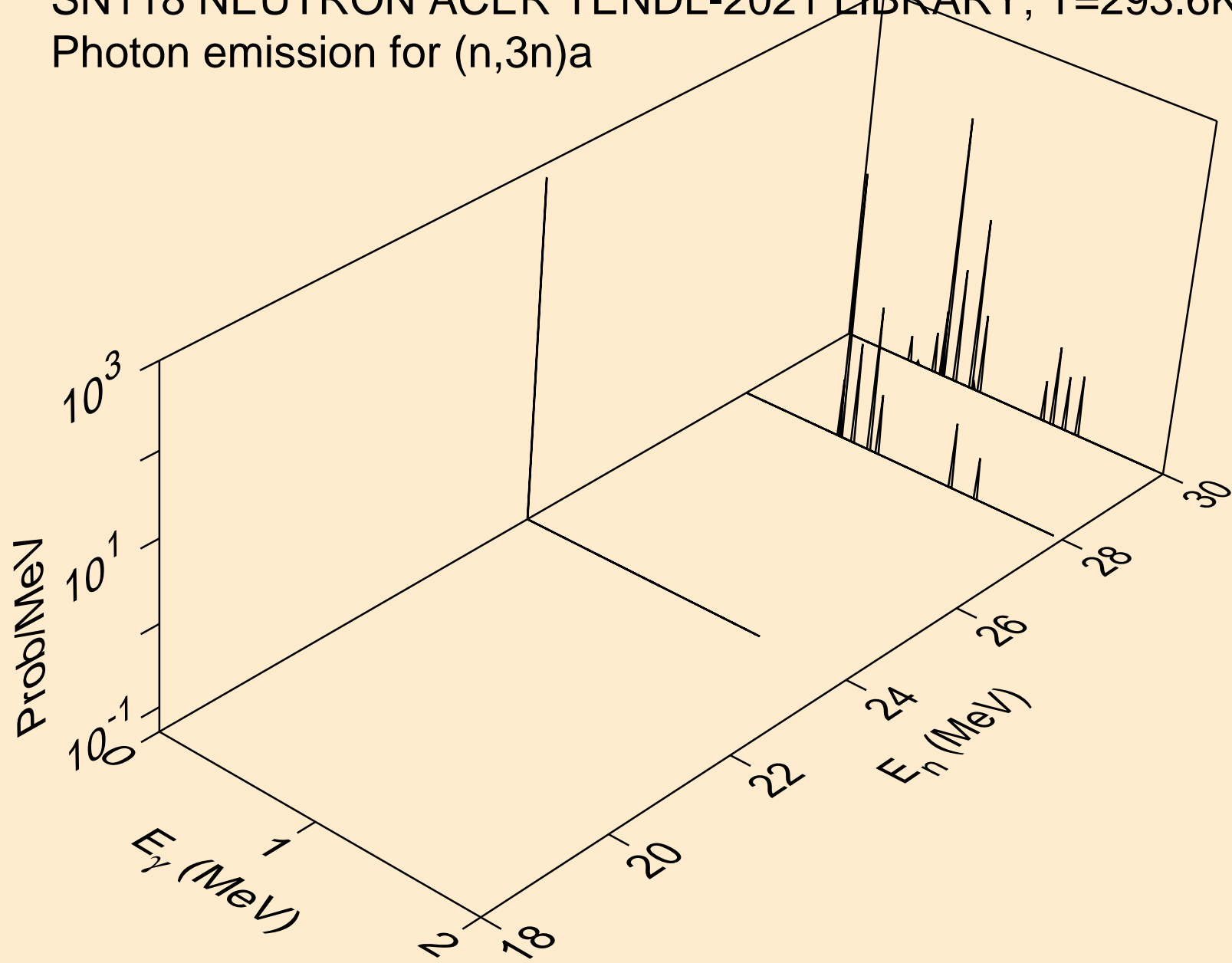
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



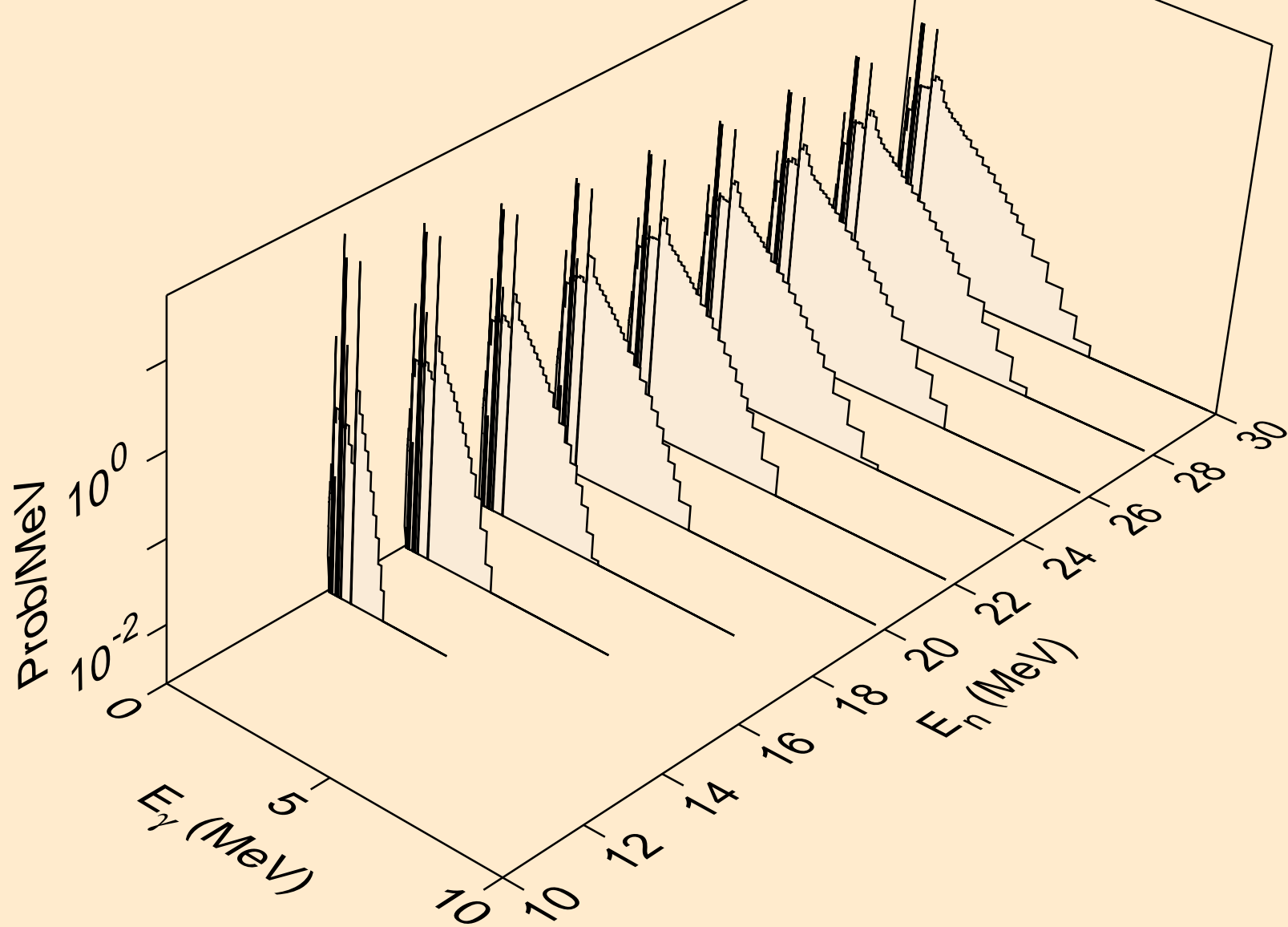
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



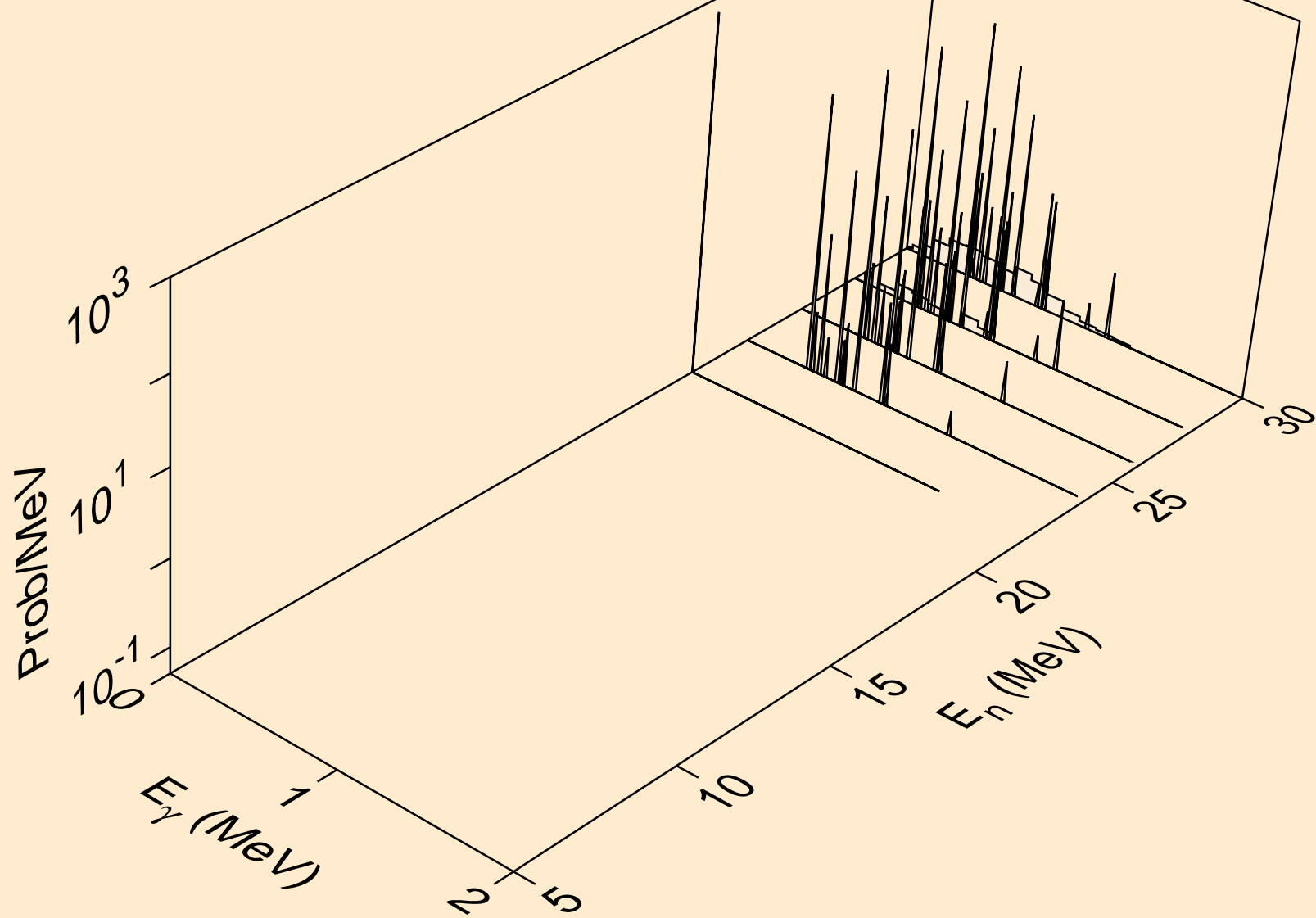
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p

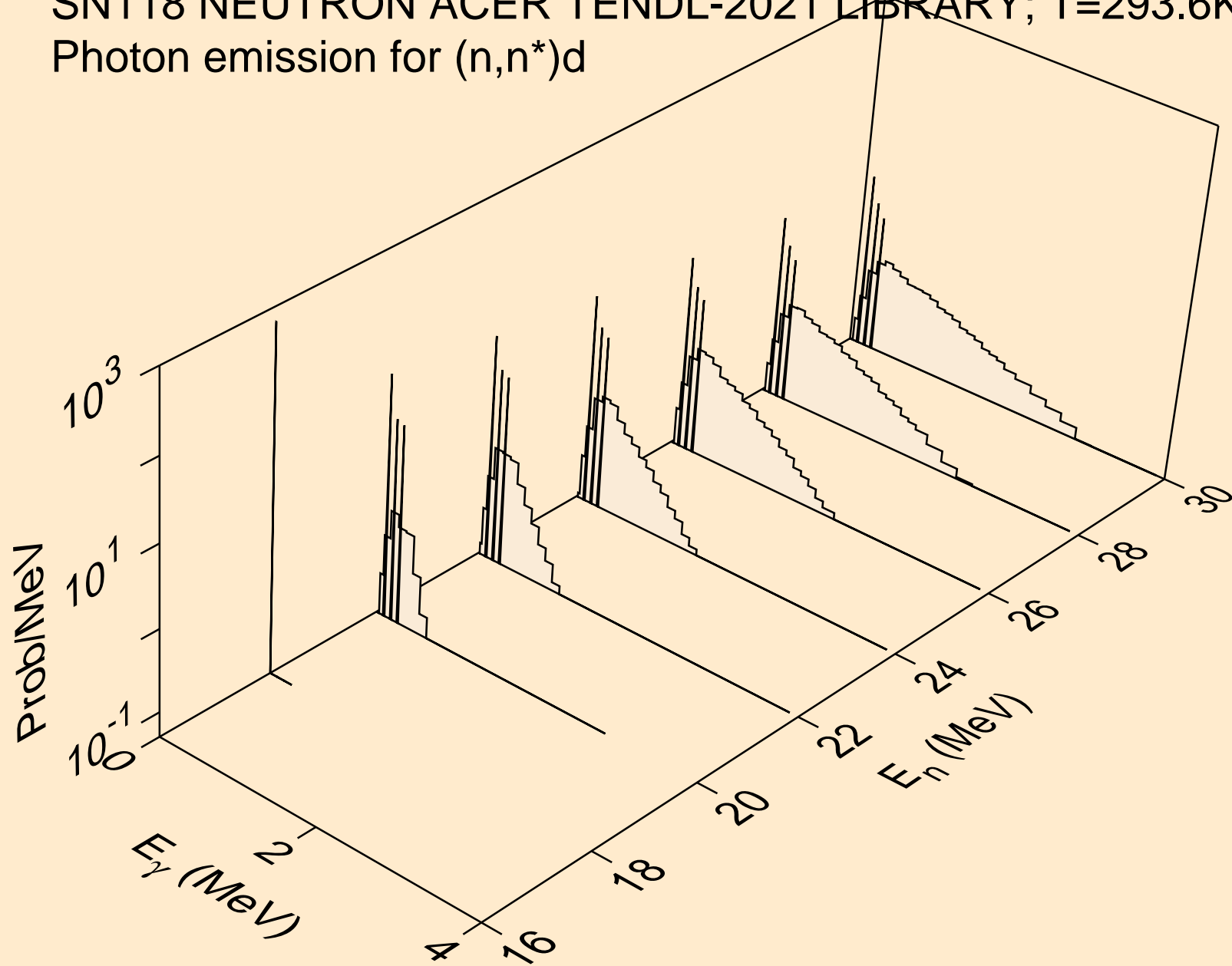


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

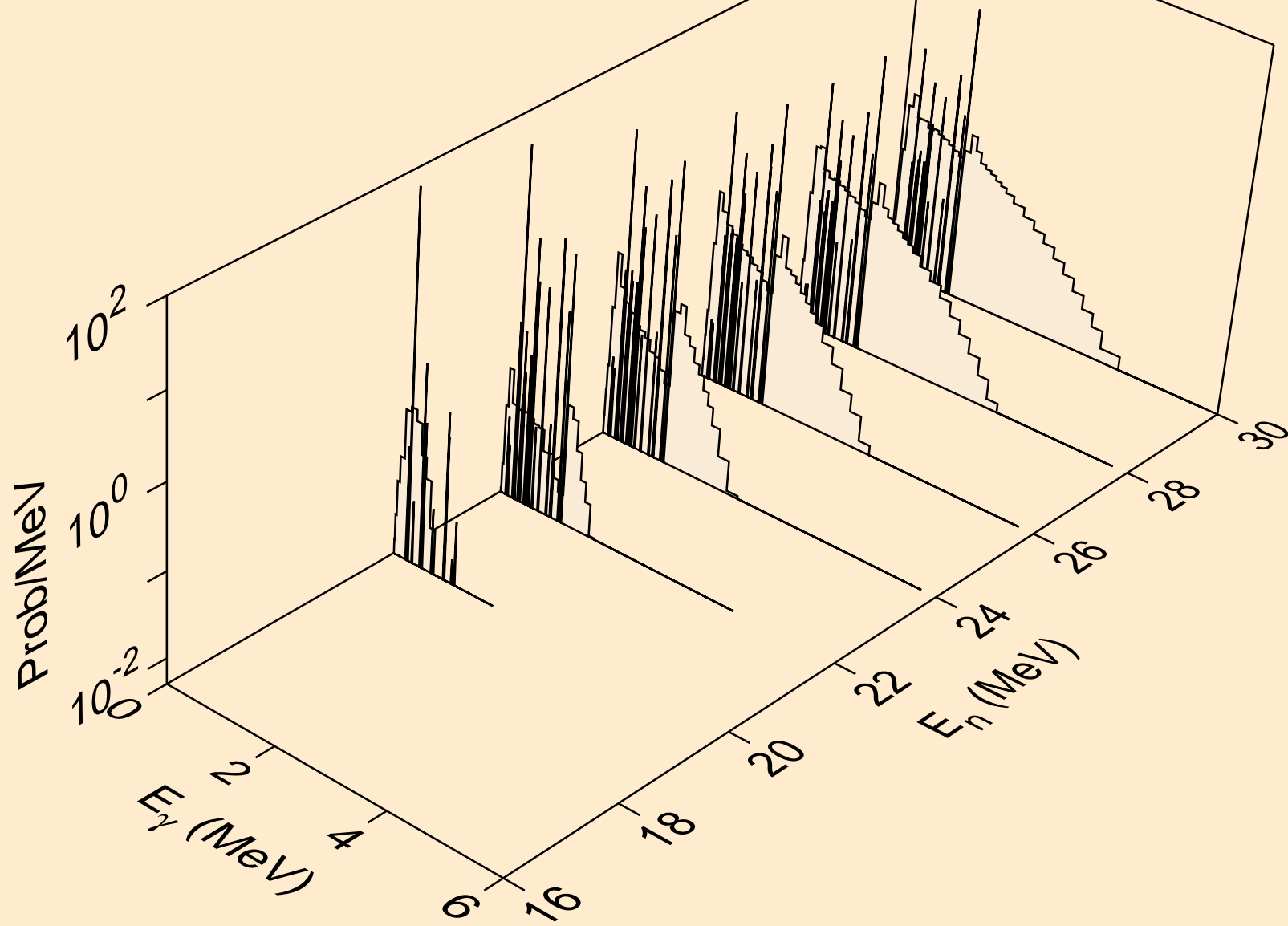




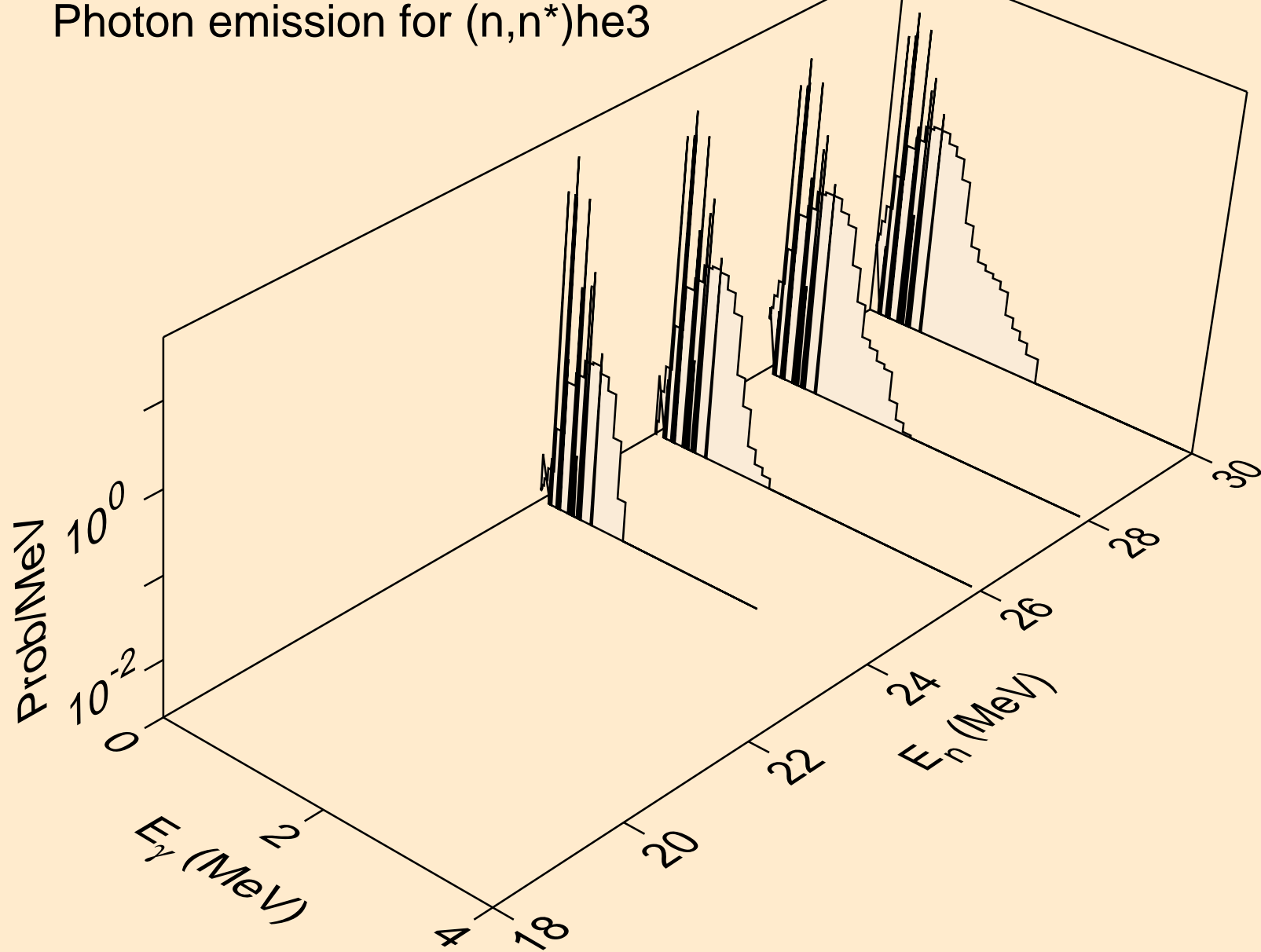
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



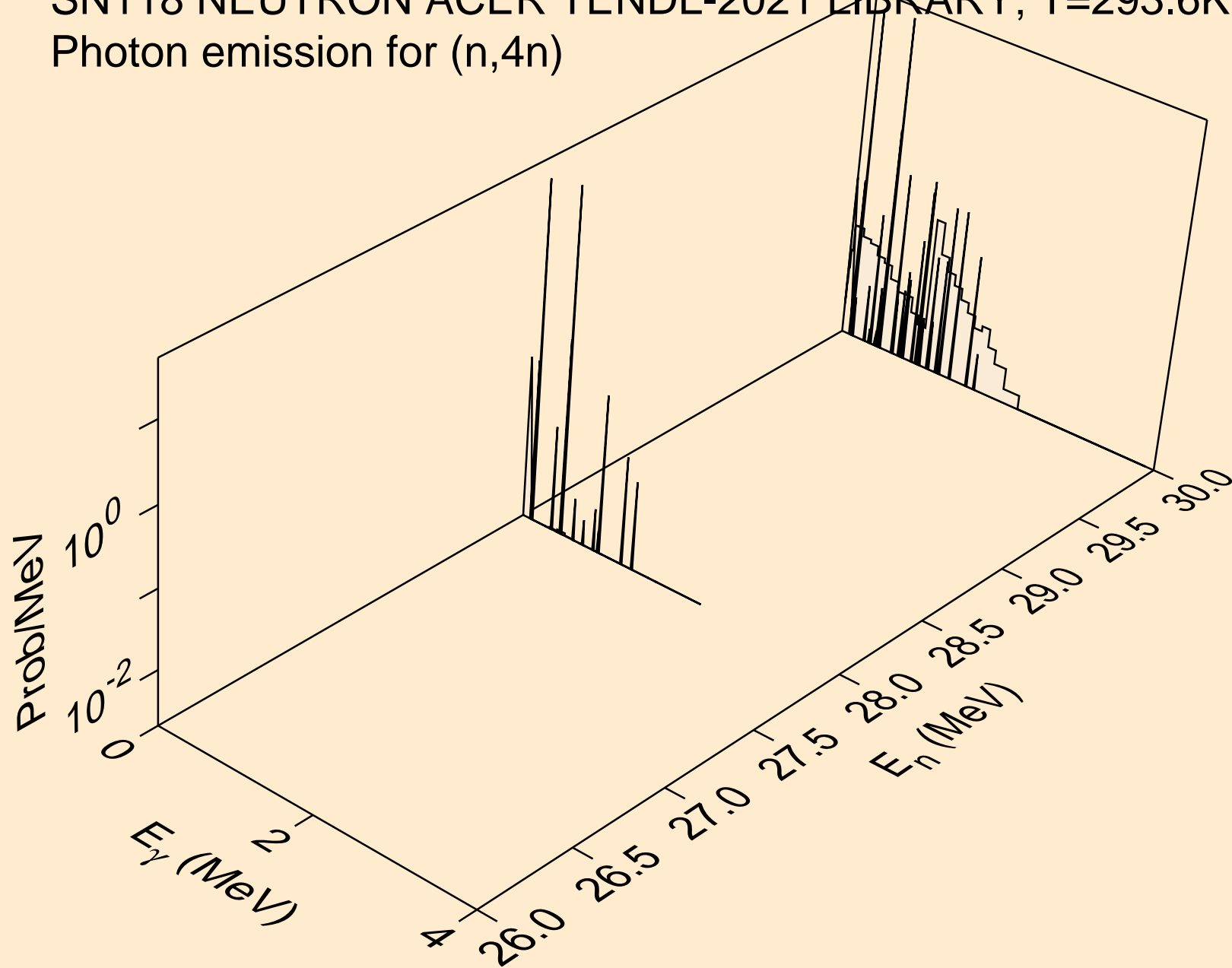
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



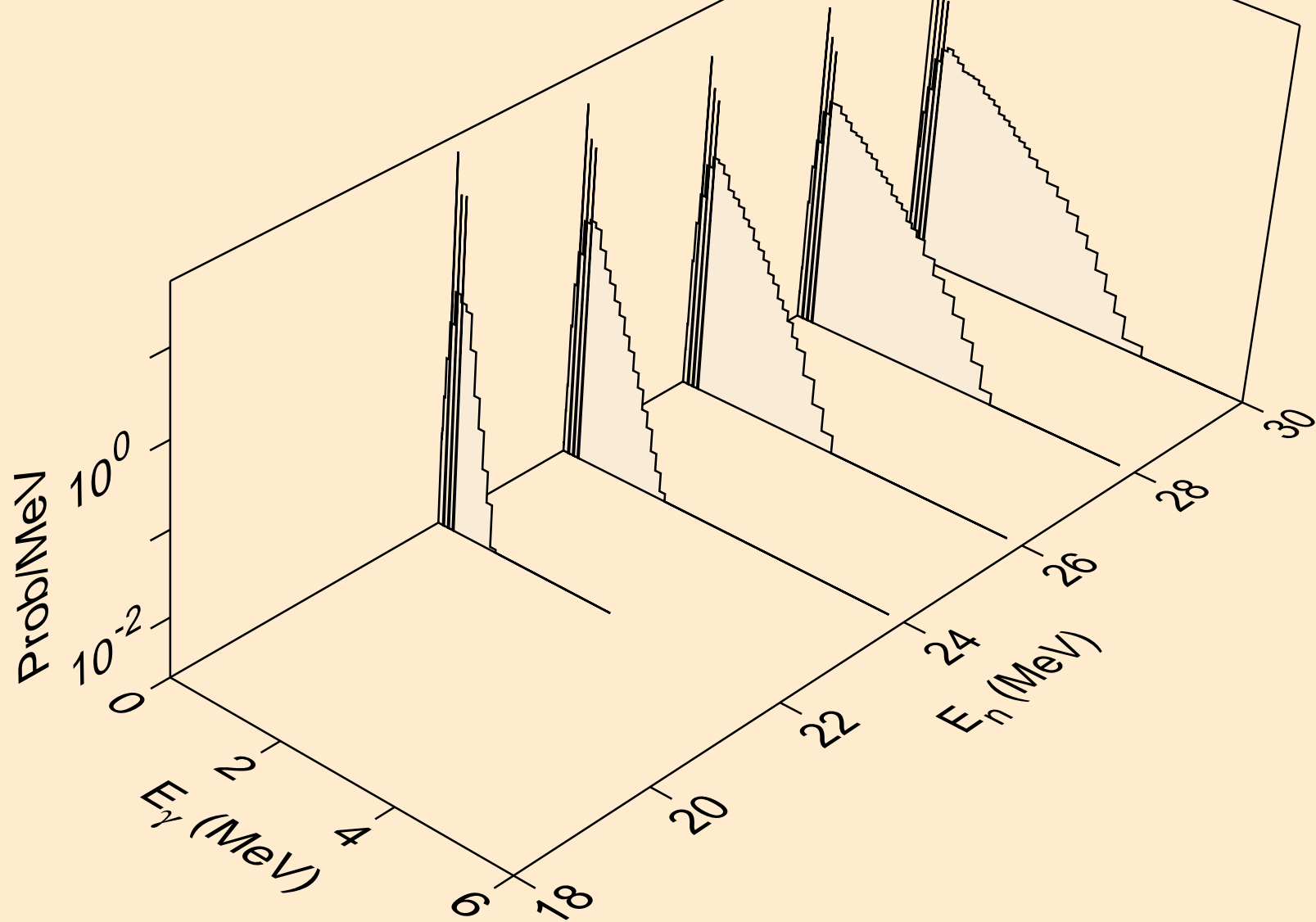
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



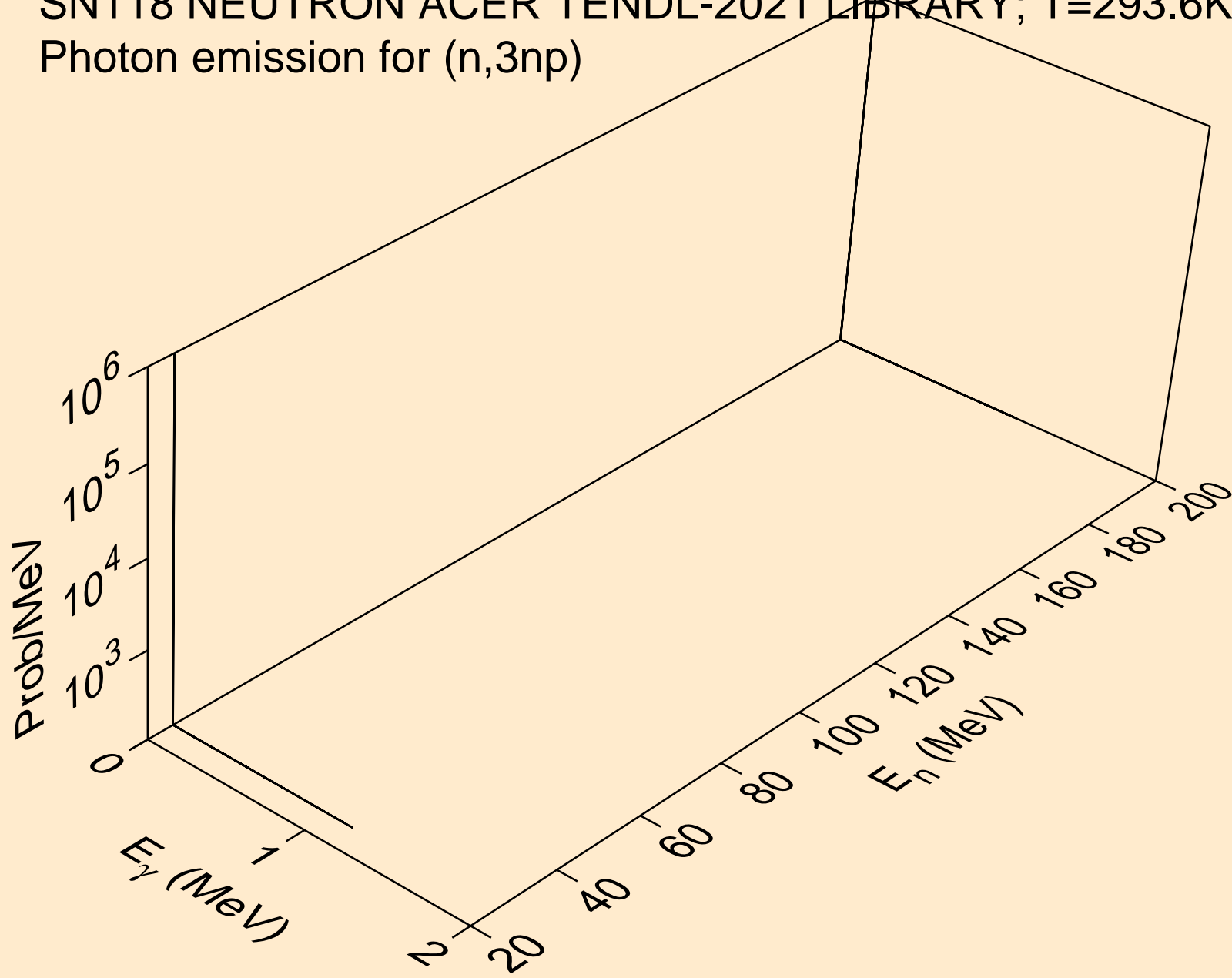
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)



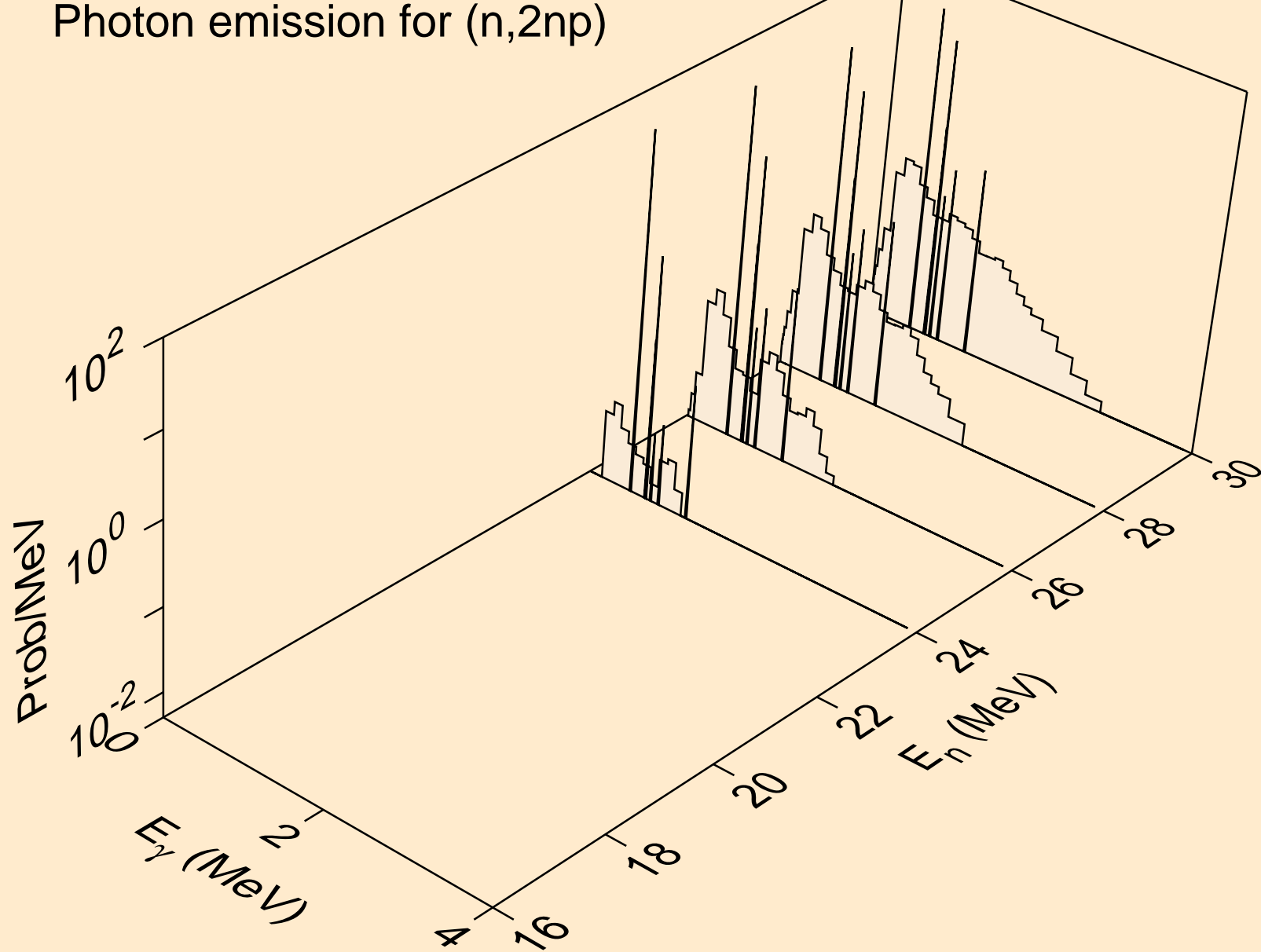
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



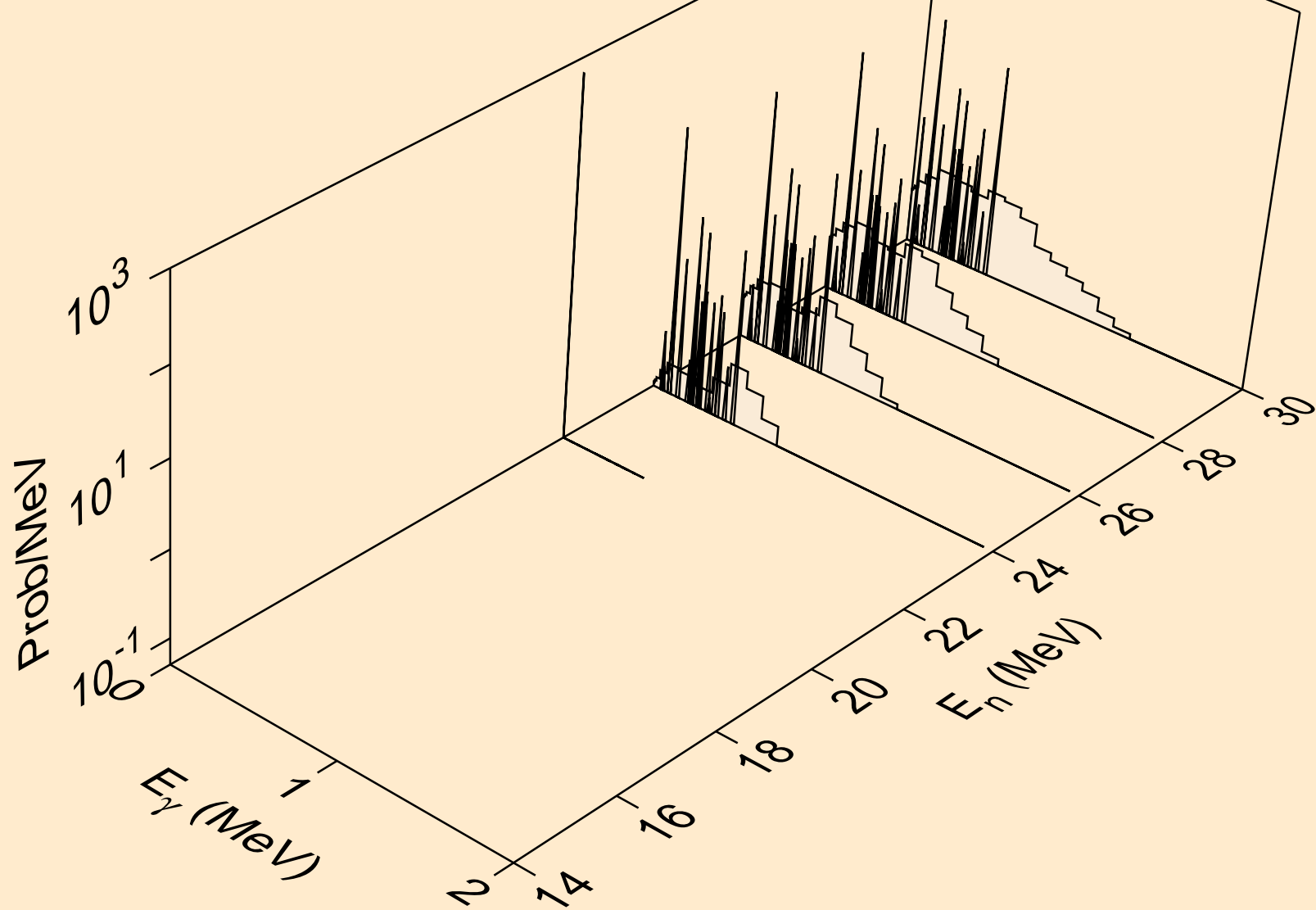
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3np)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)

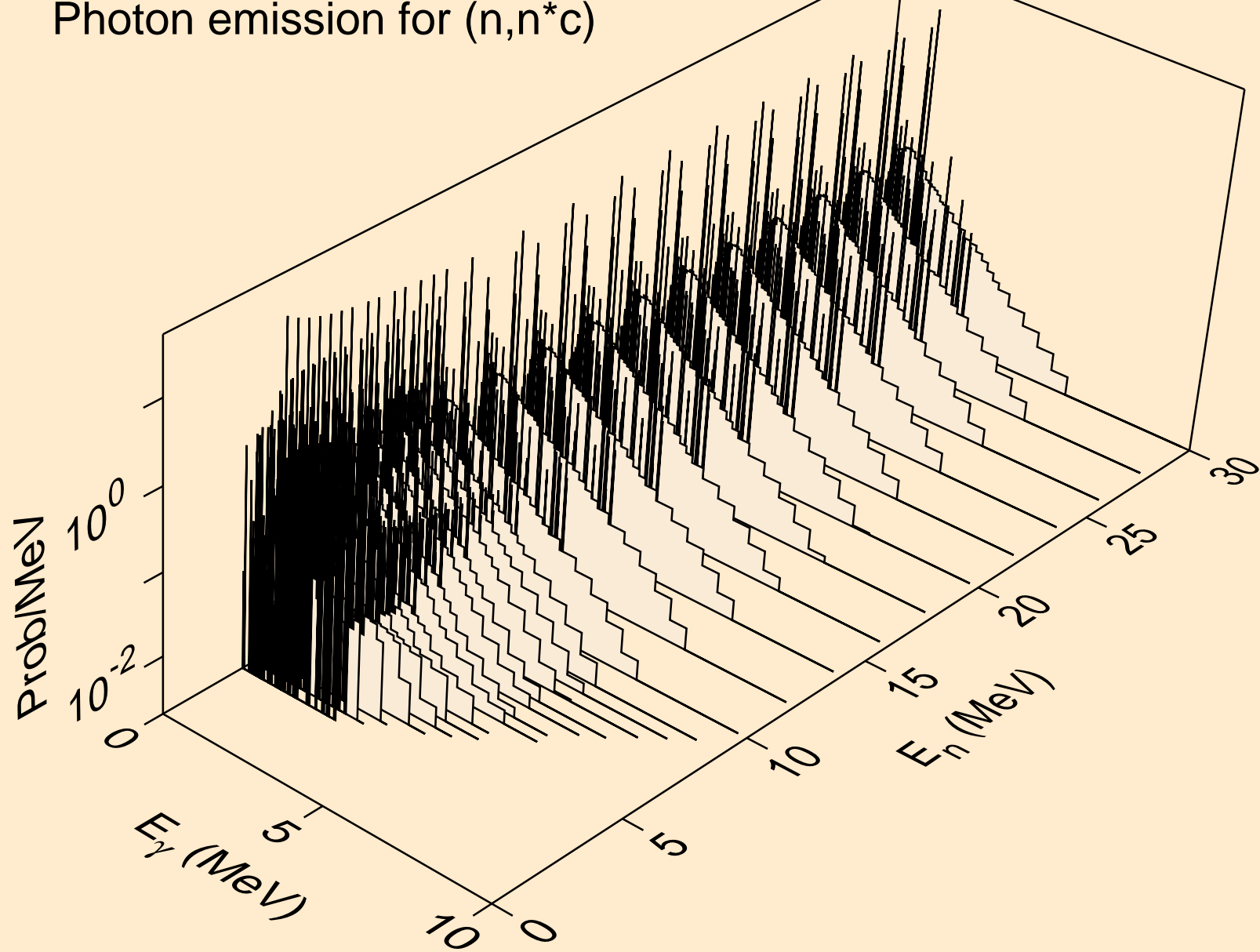


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)

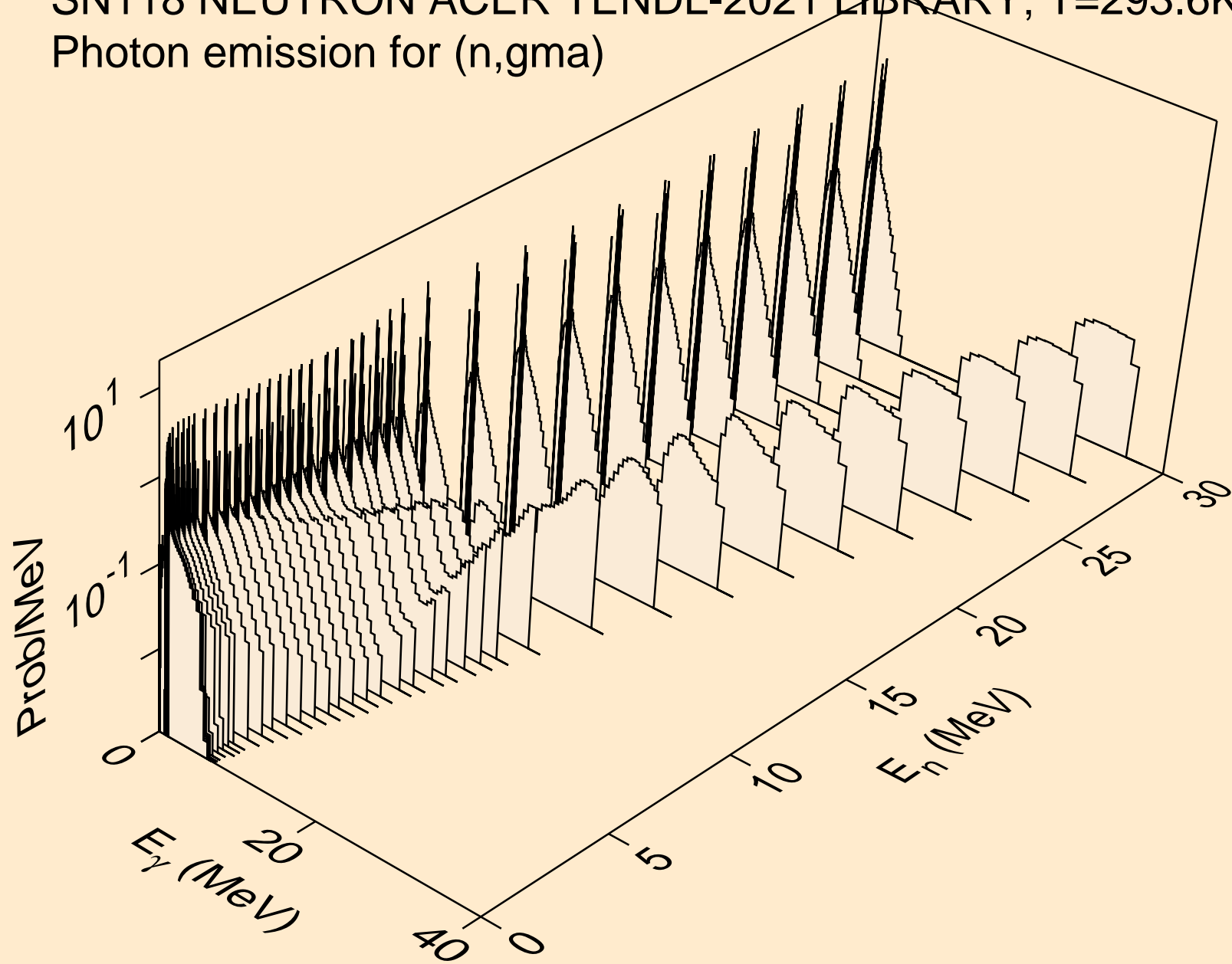




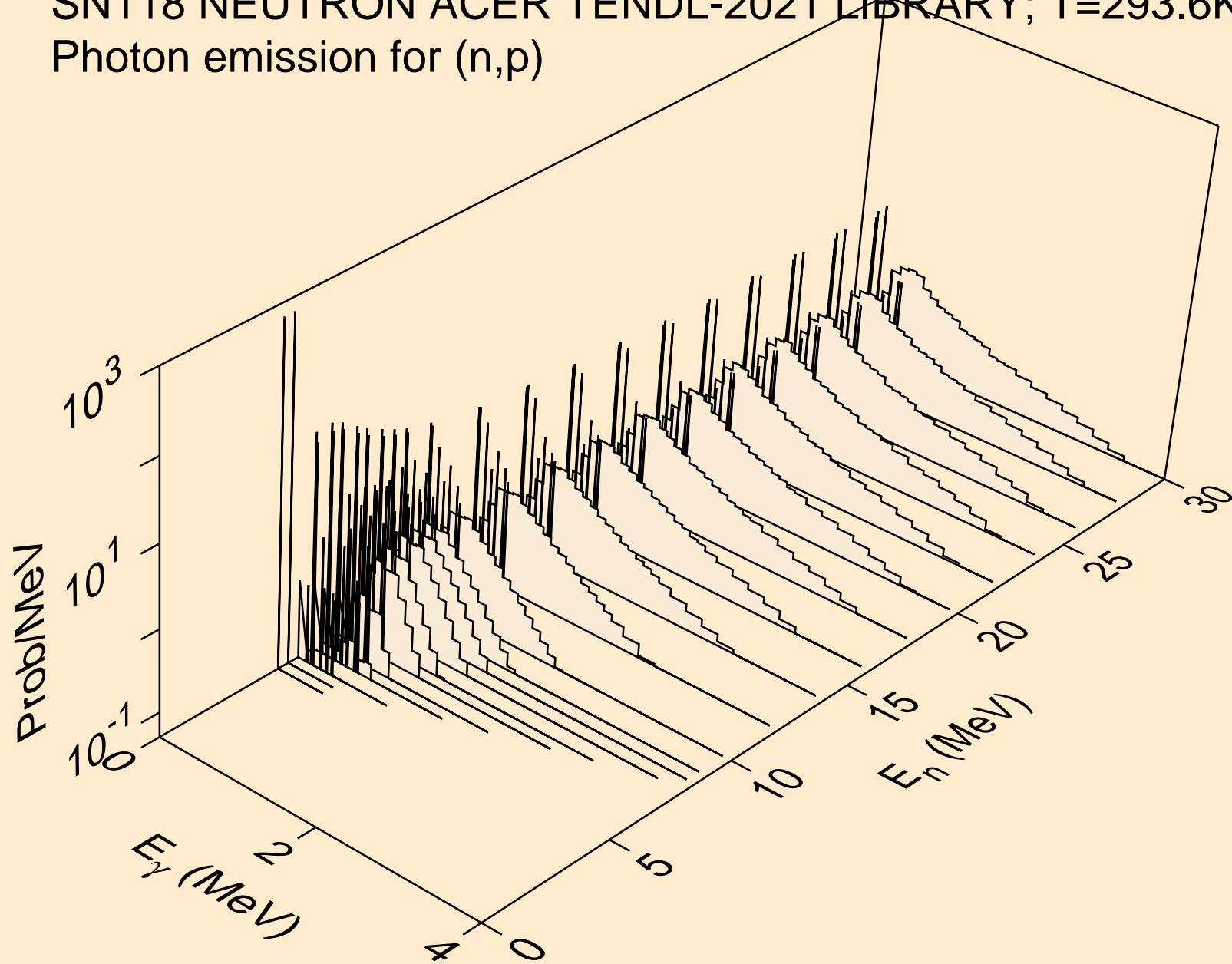
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



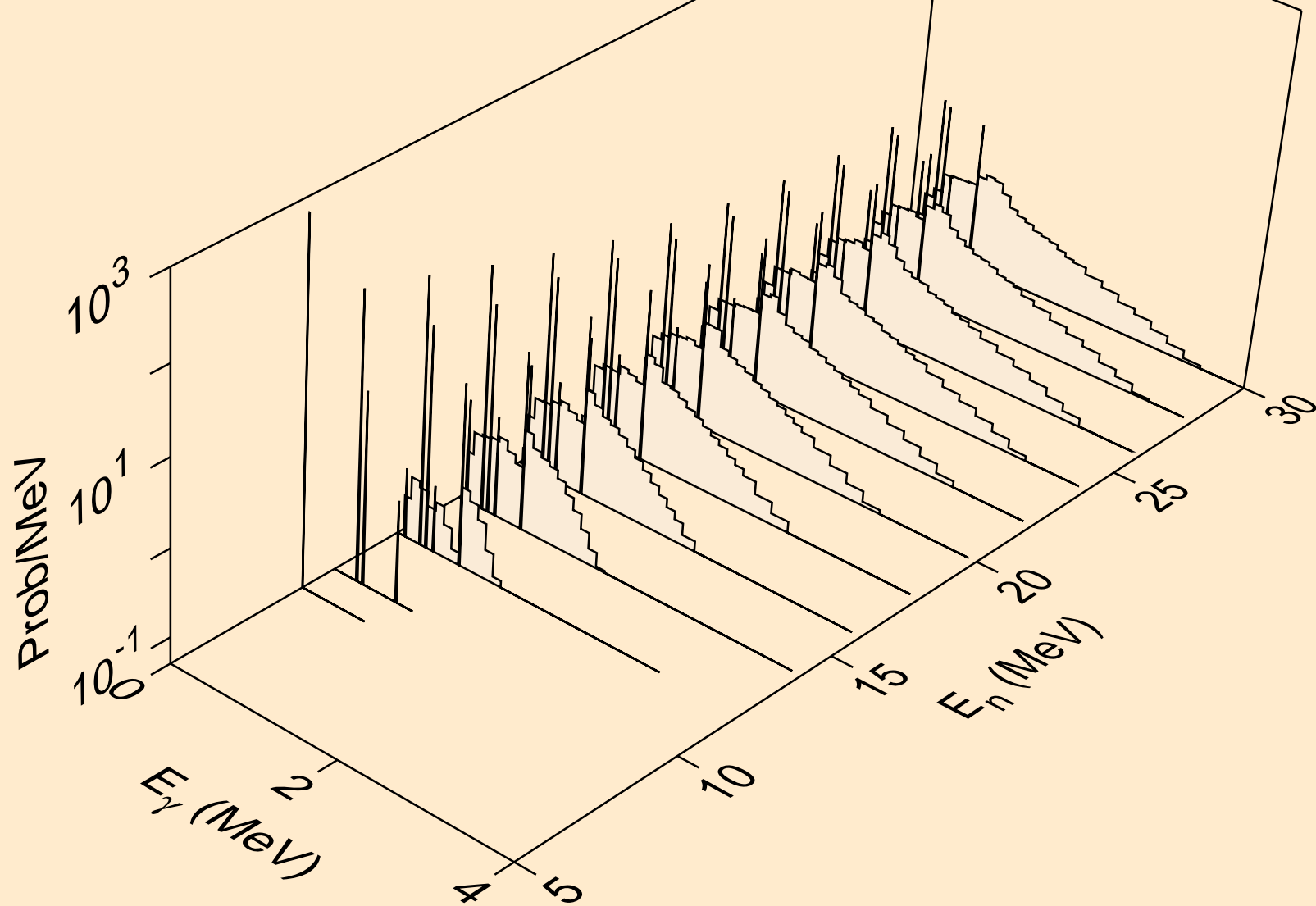
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Photon emission for (n,gma)



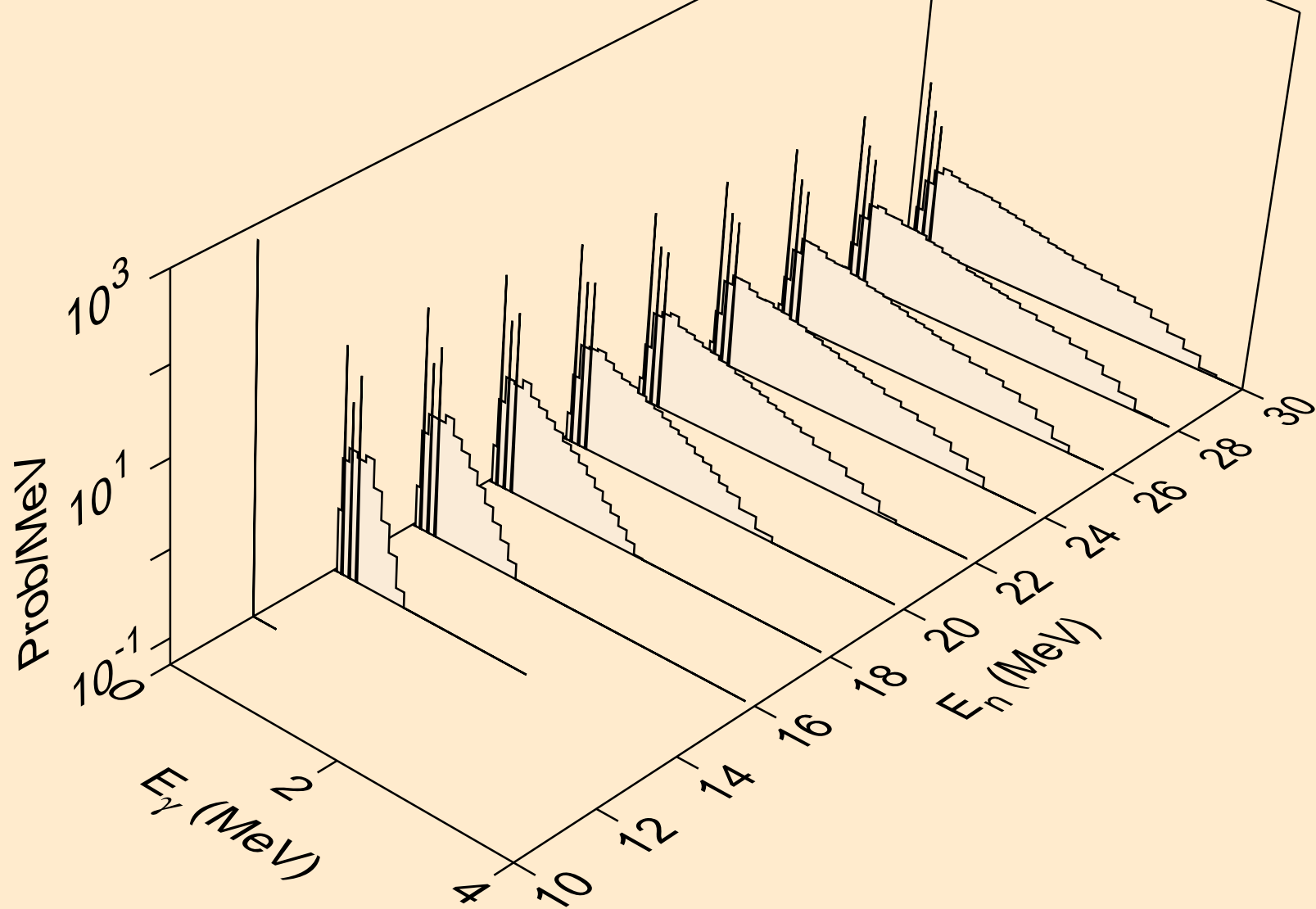
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)



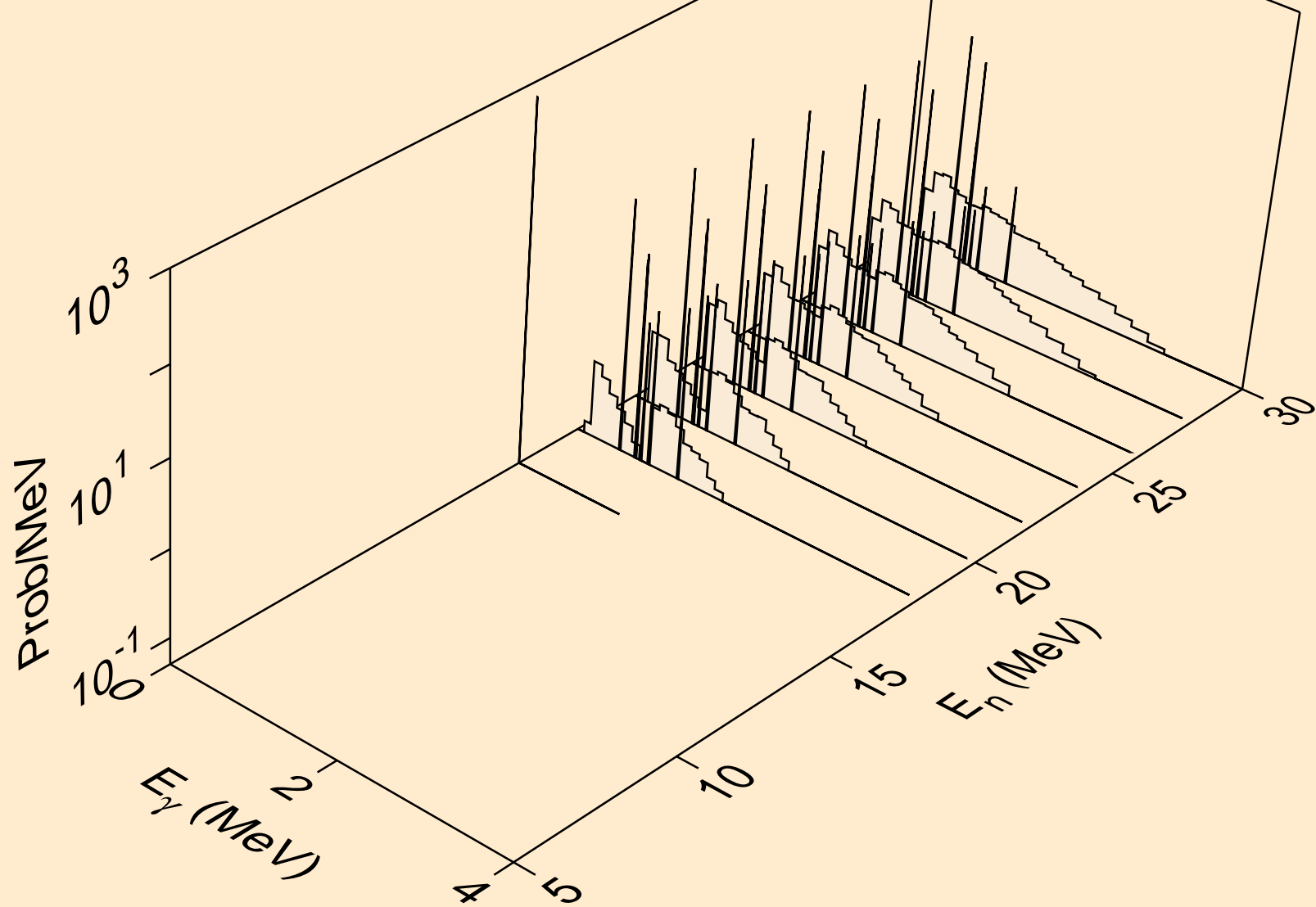
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)



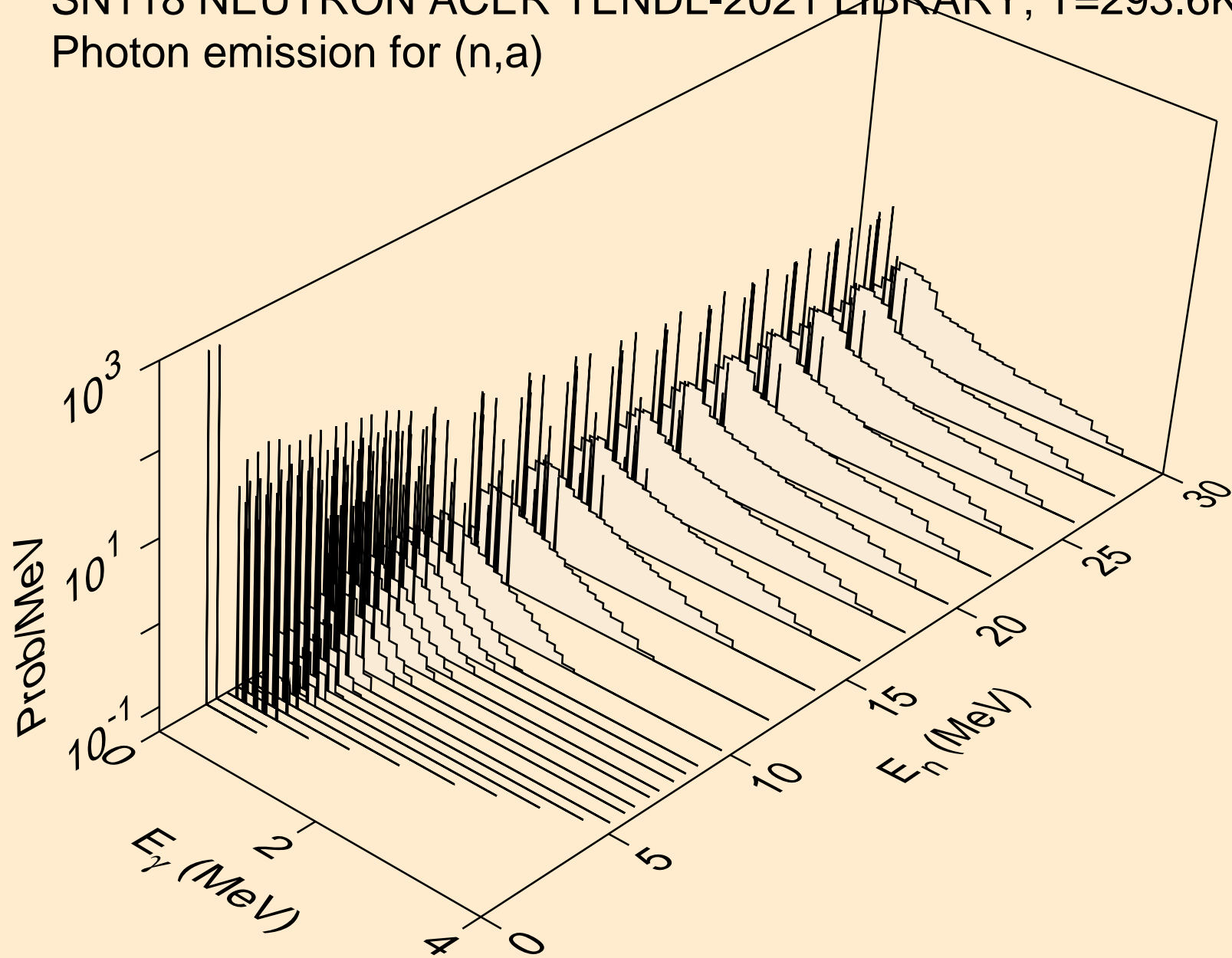
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Photon emission for (n,t)



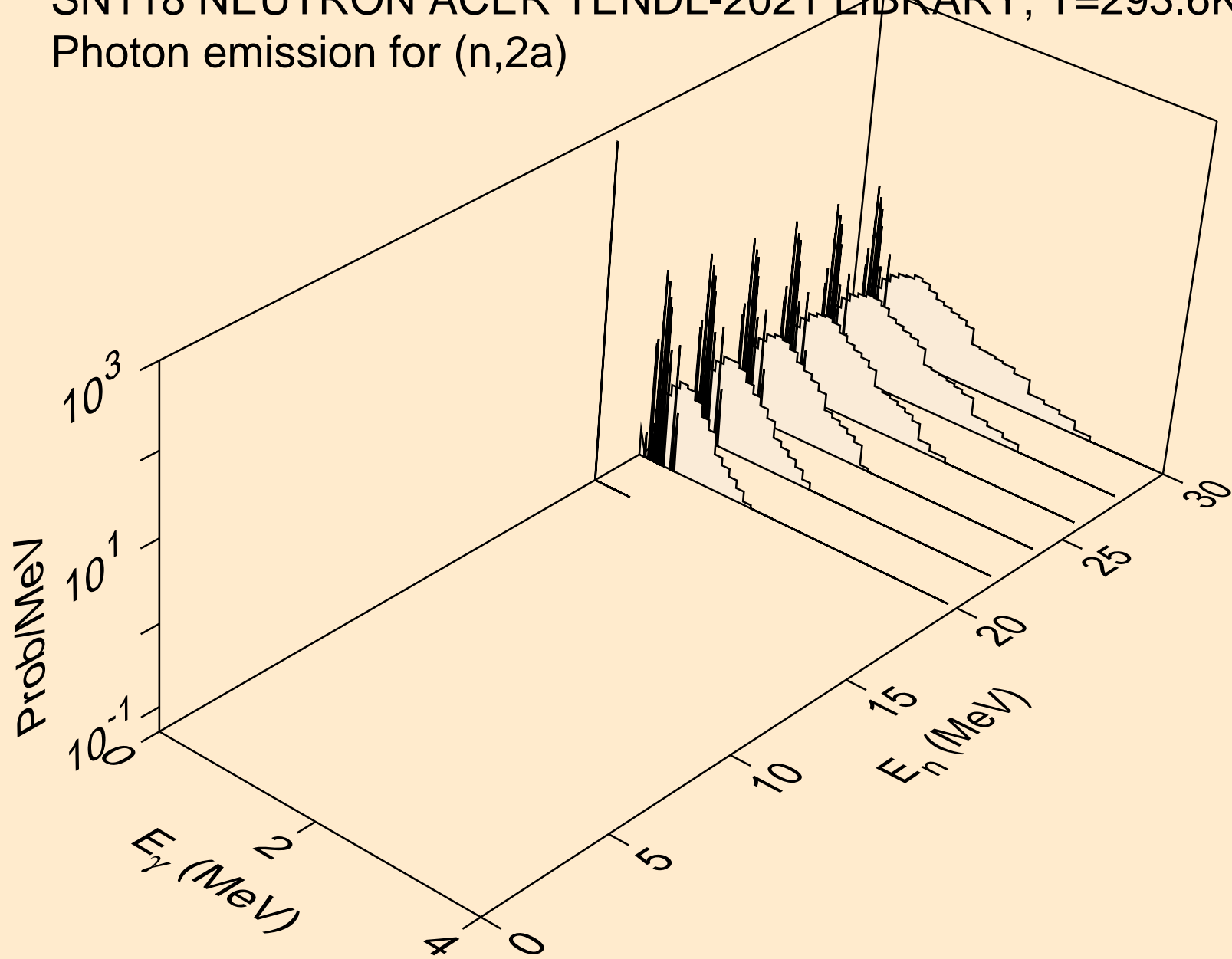
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)

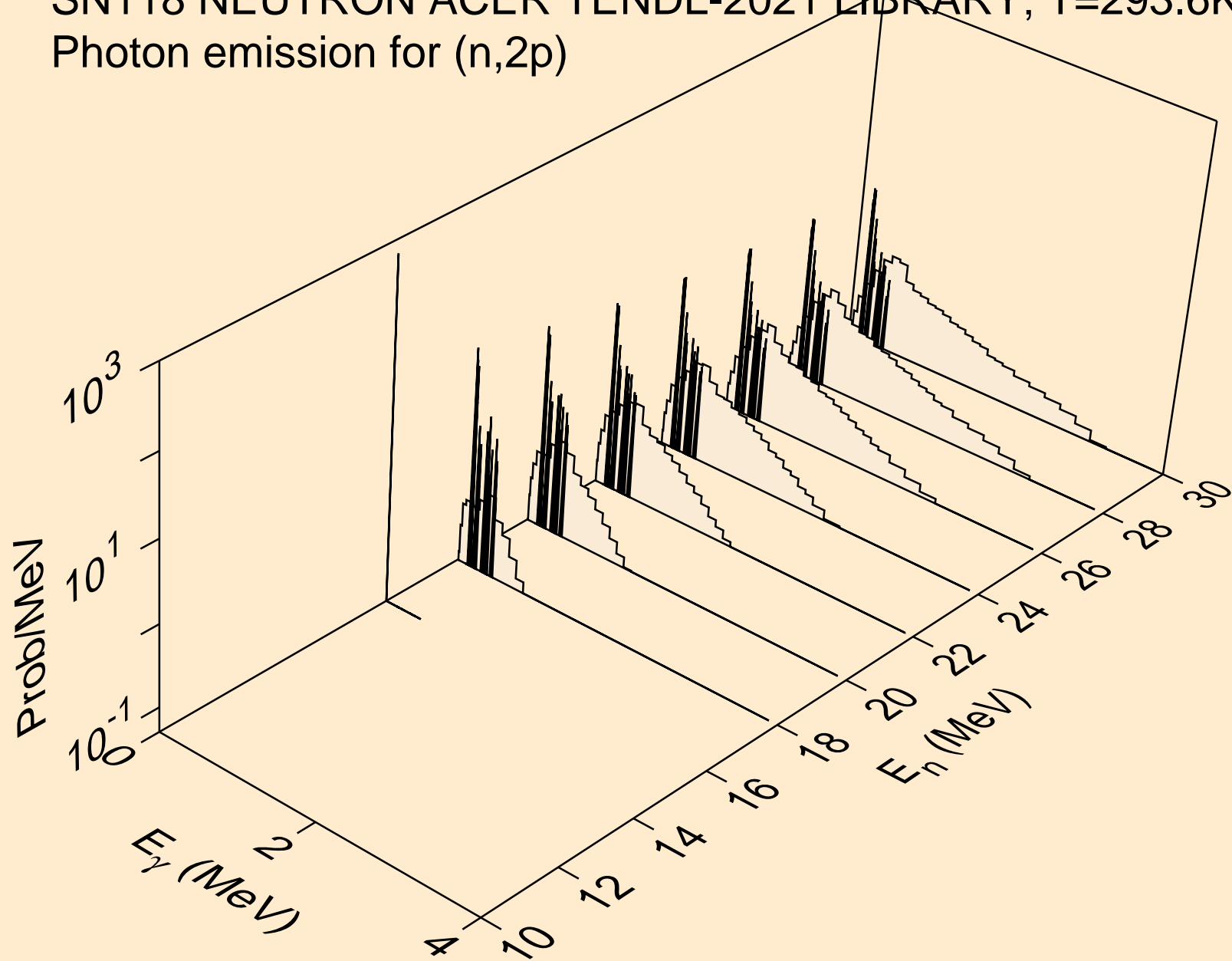


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)

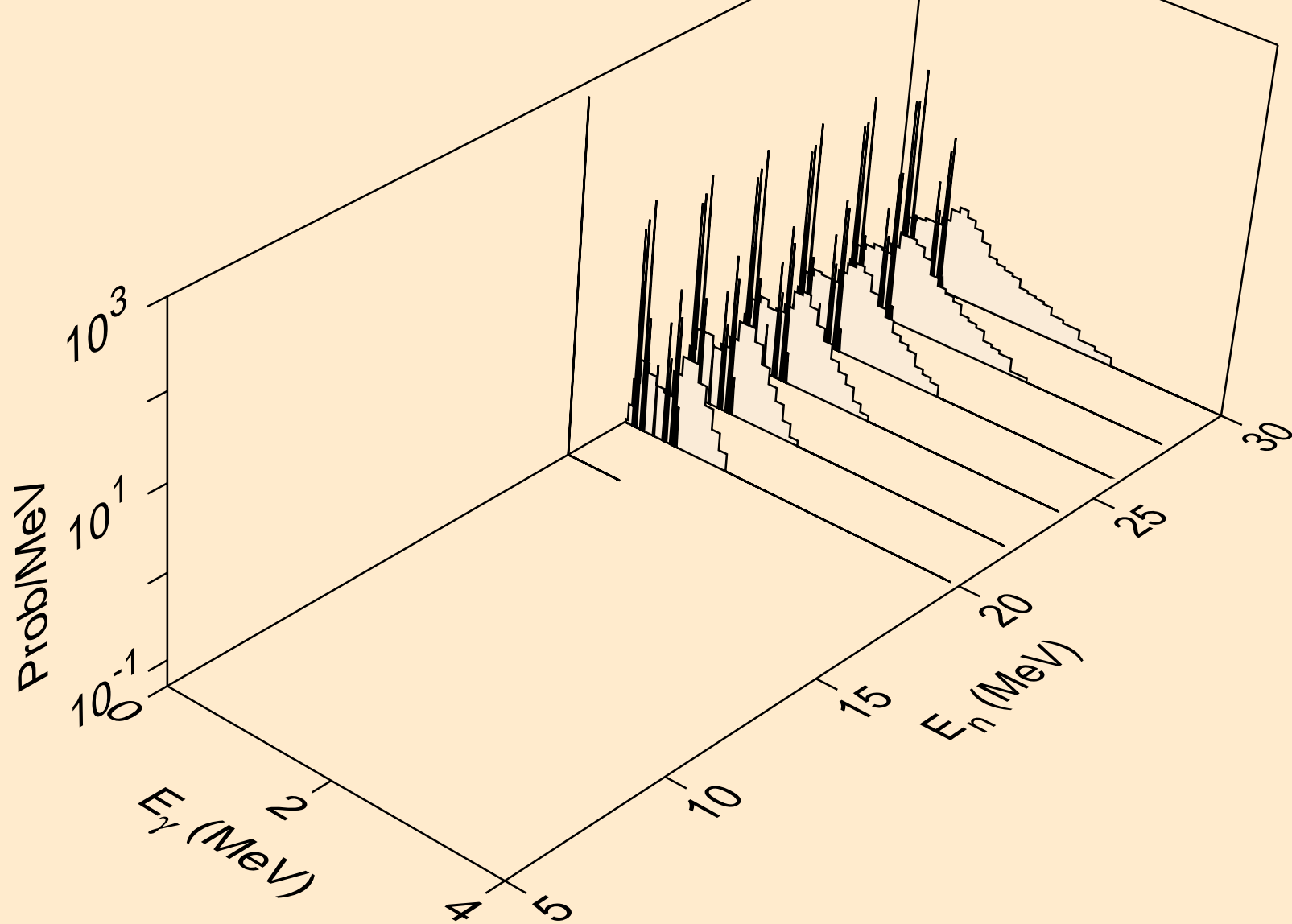




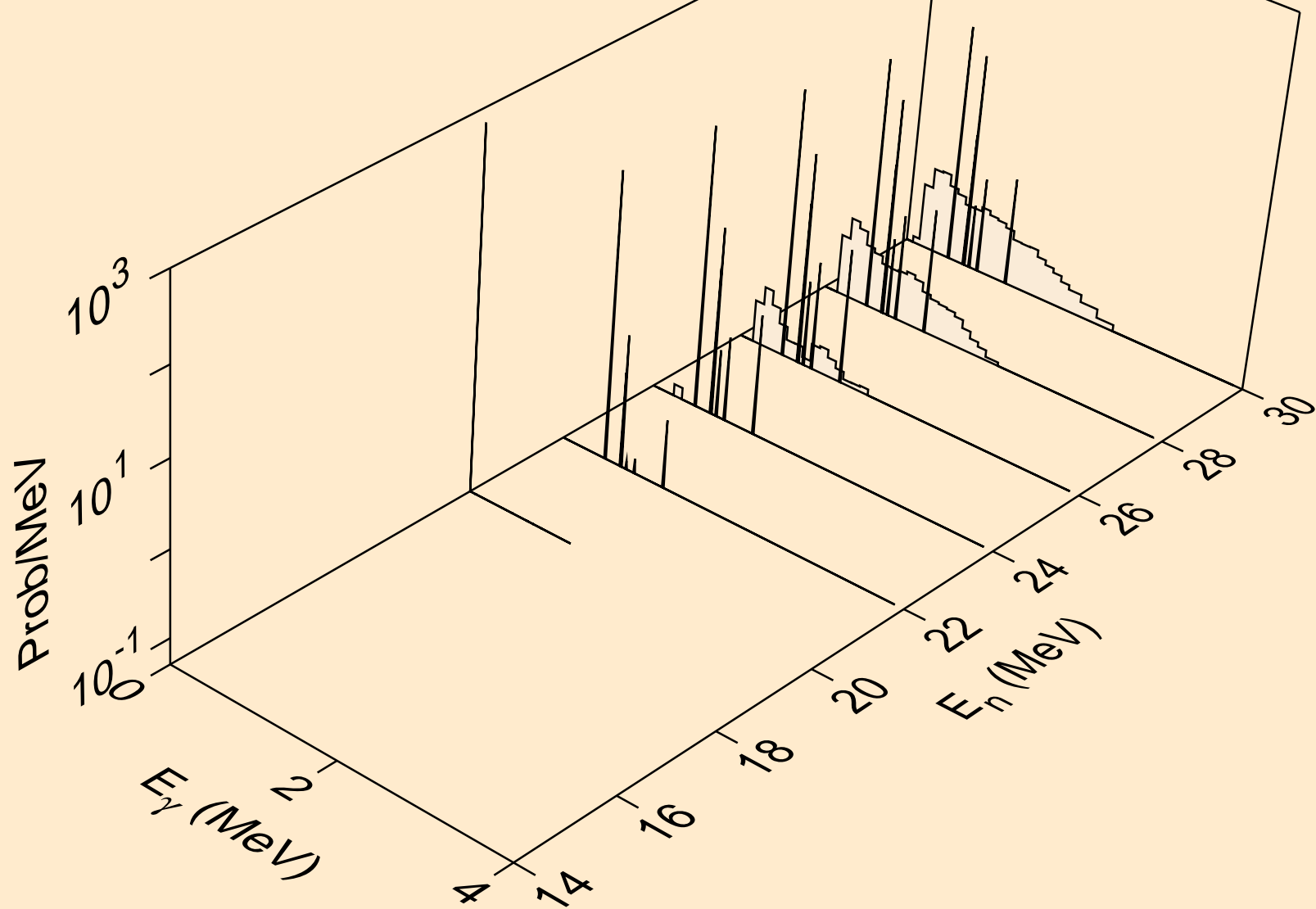
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Photon emission for (n,2p)



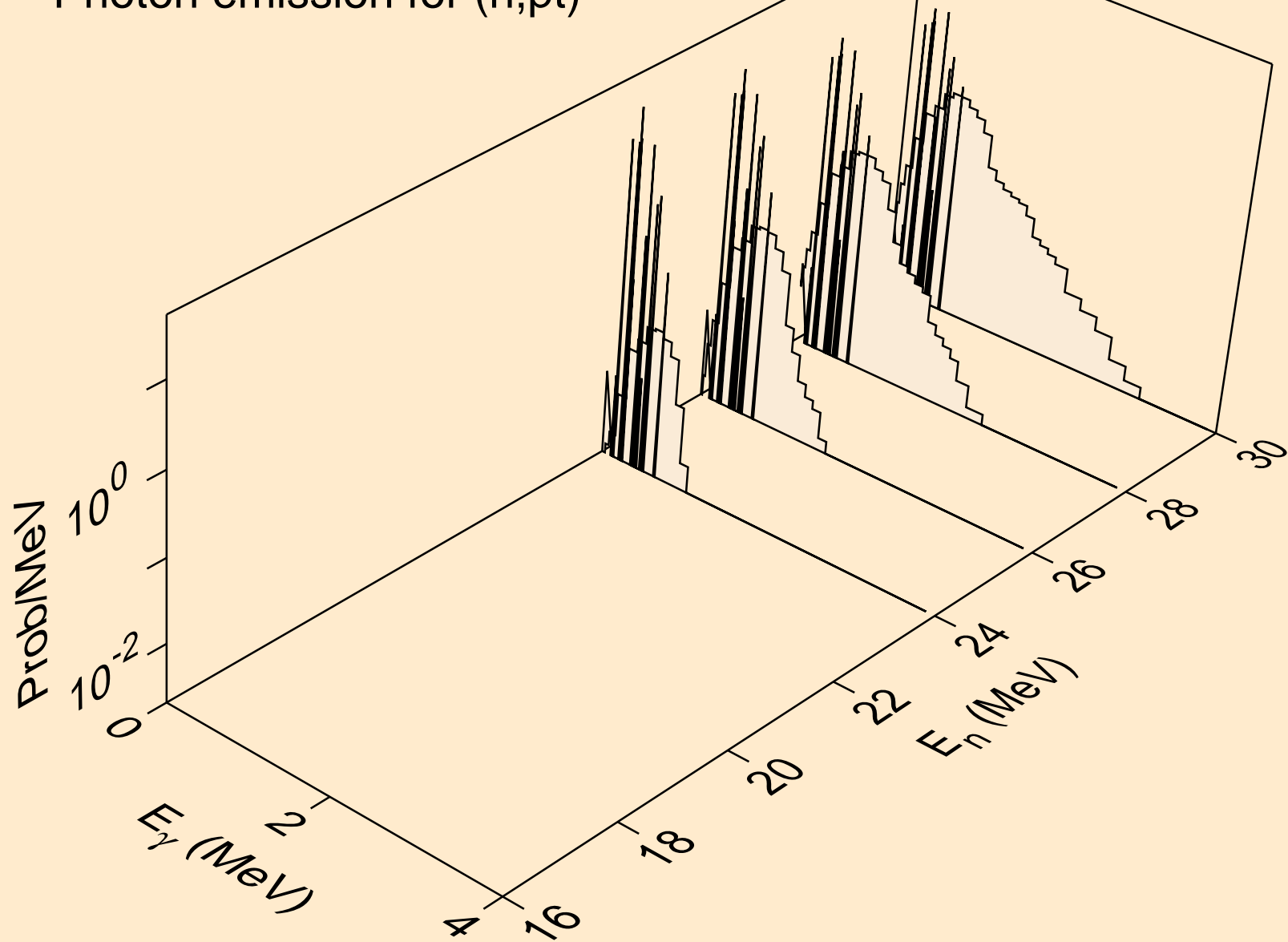
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Photon emission for (n,p)



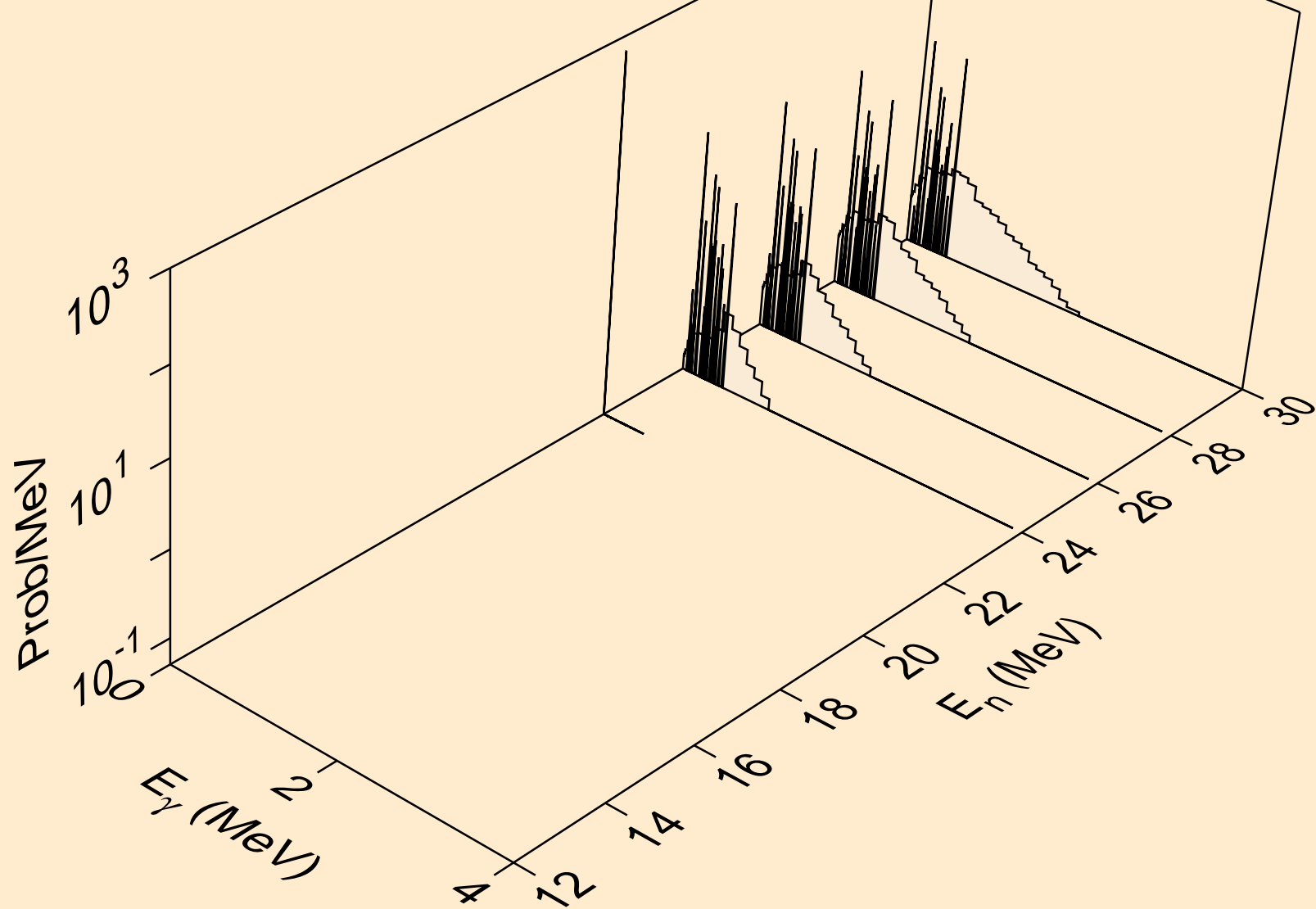
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)



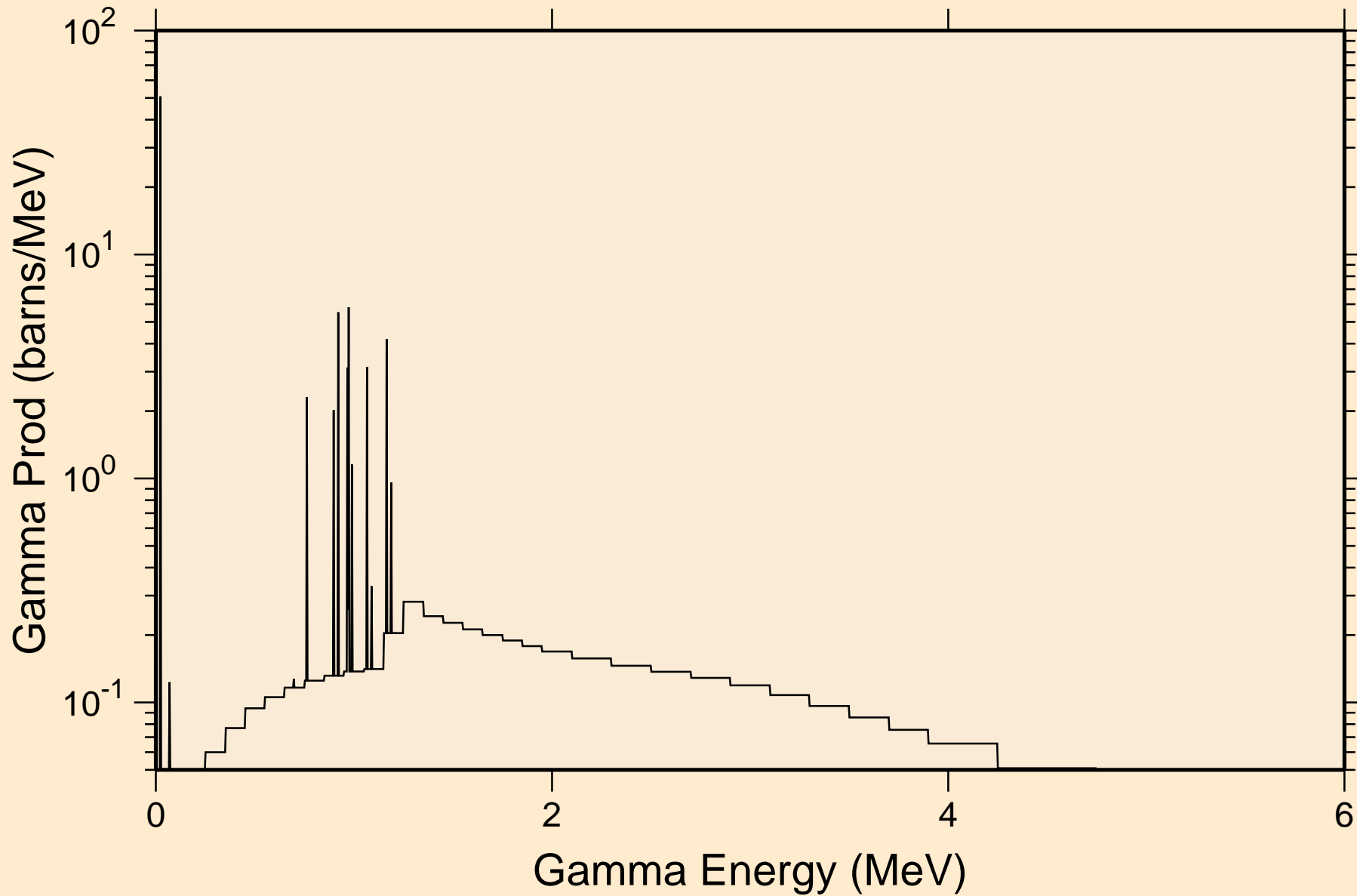
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)



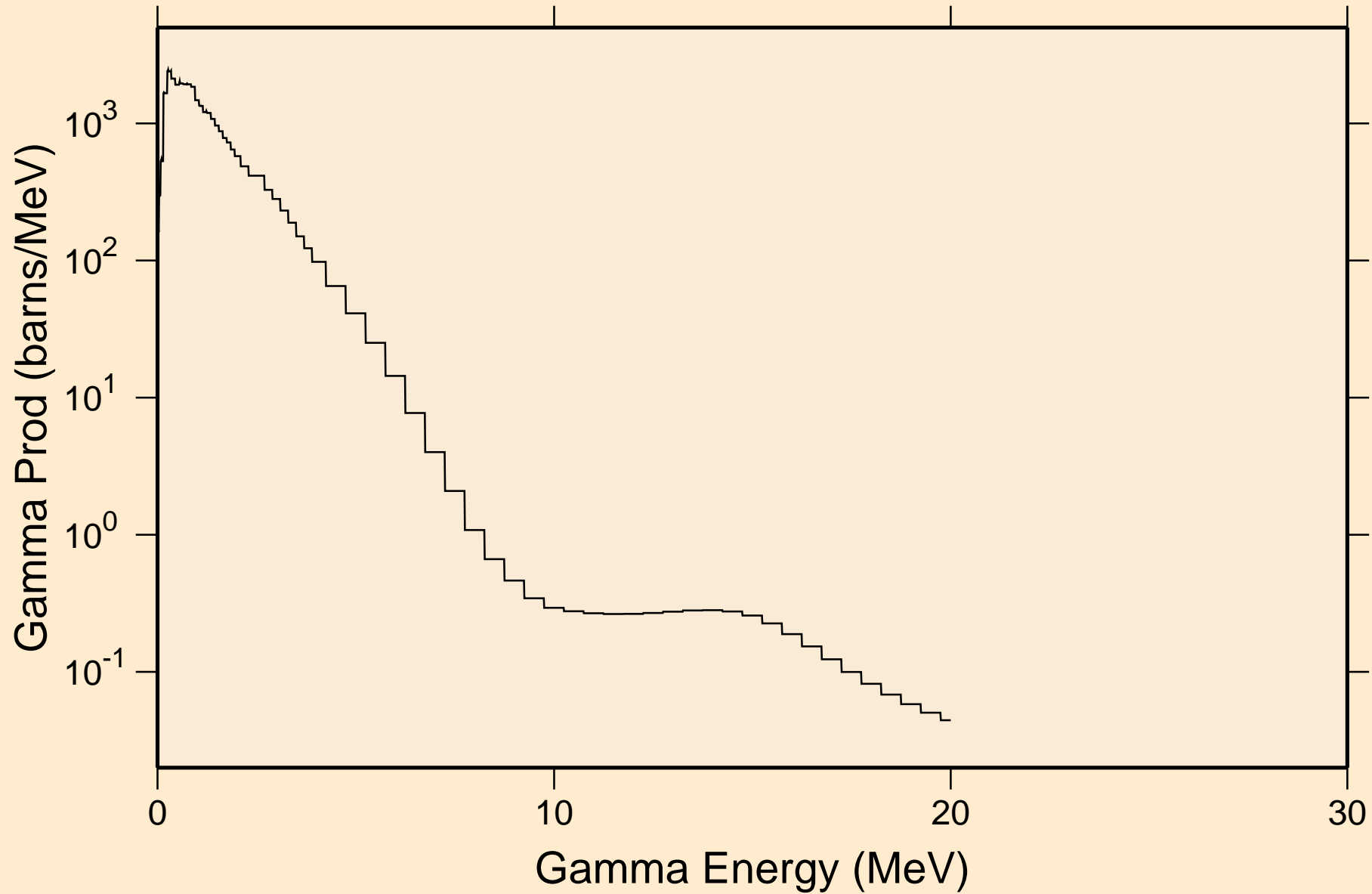
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

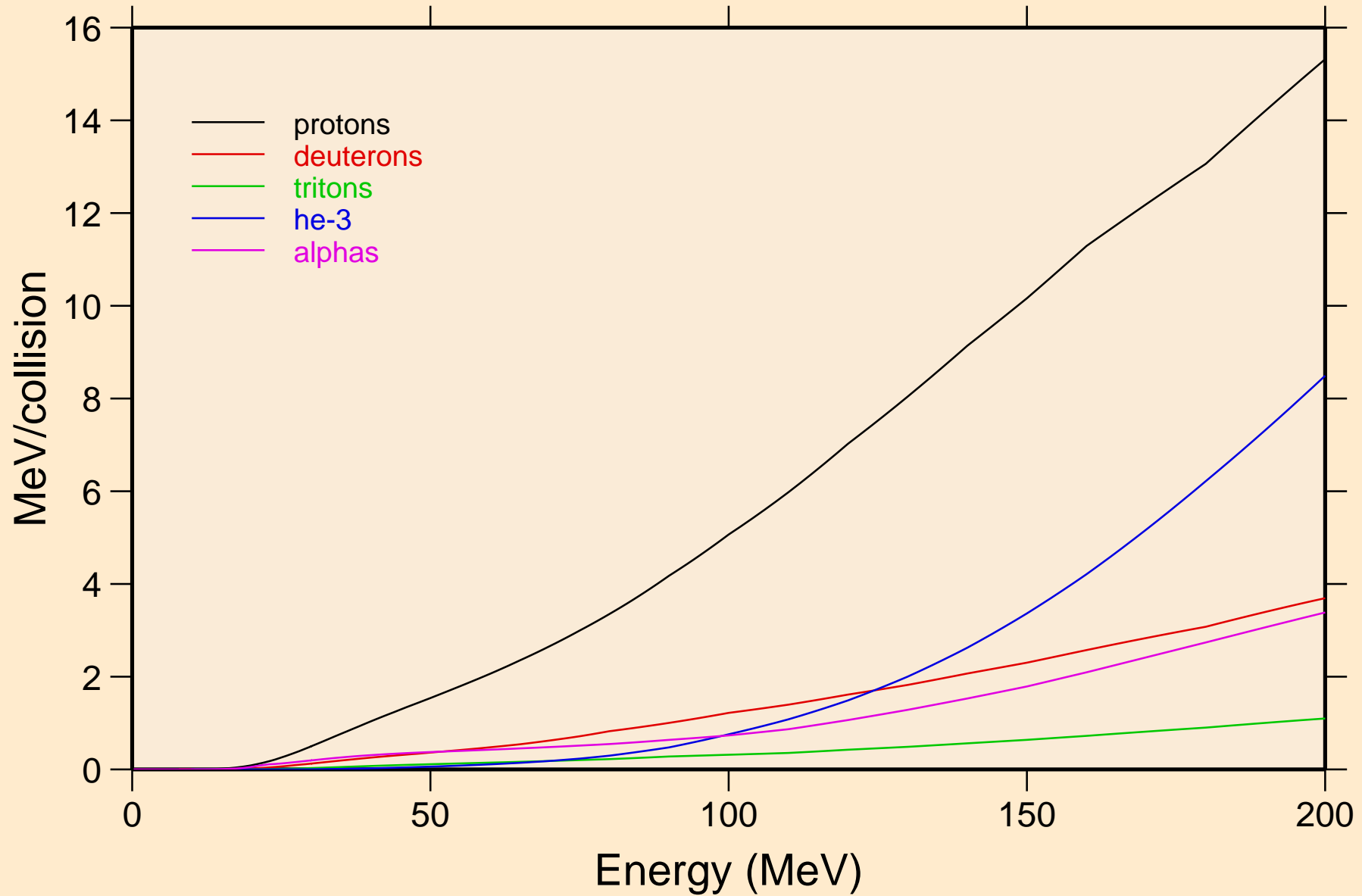


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum



# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

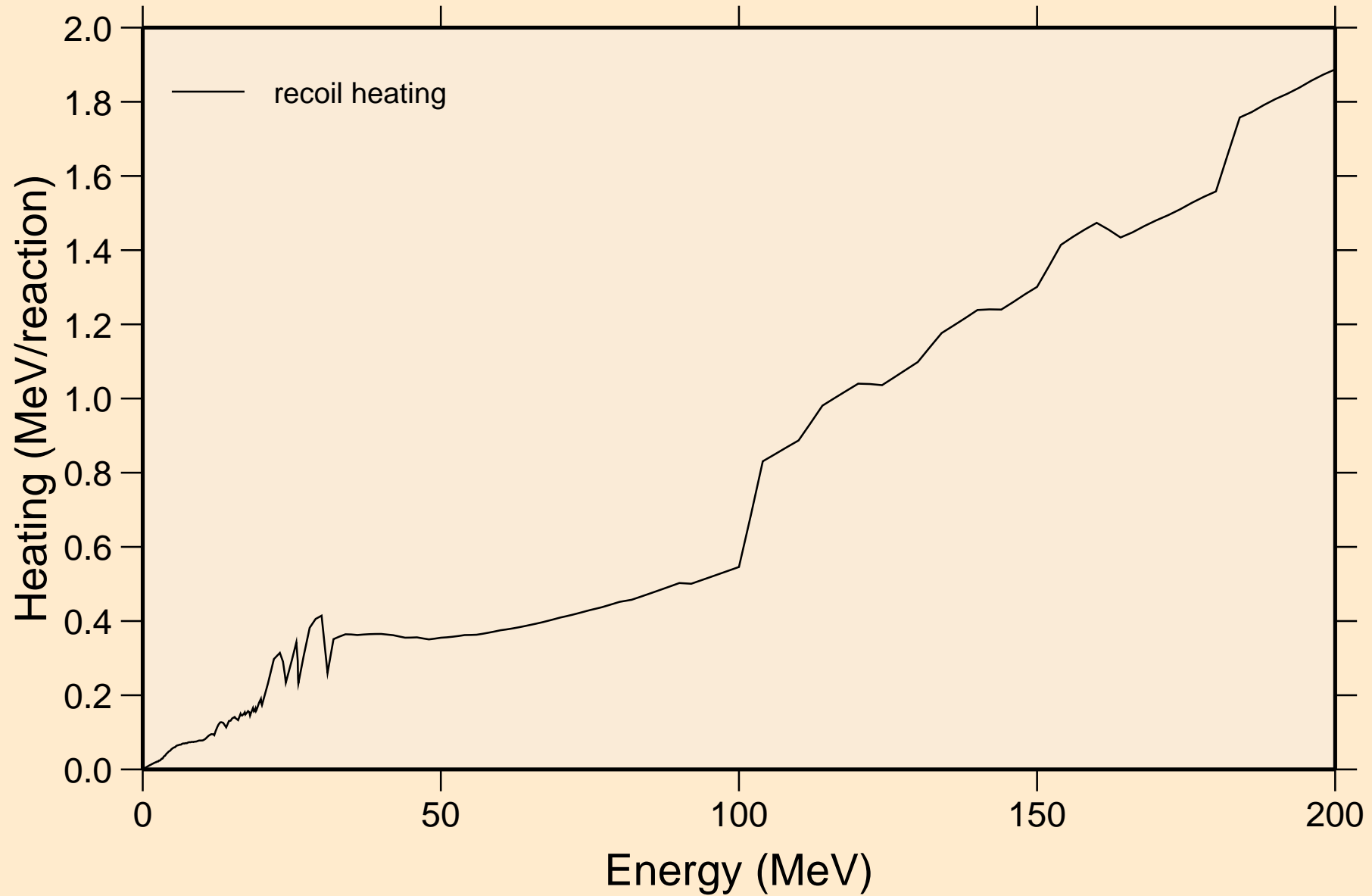
## Particle heating contributions





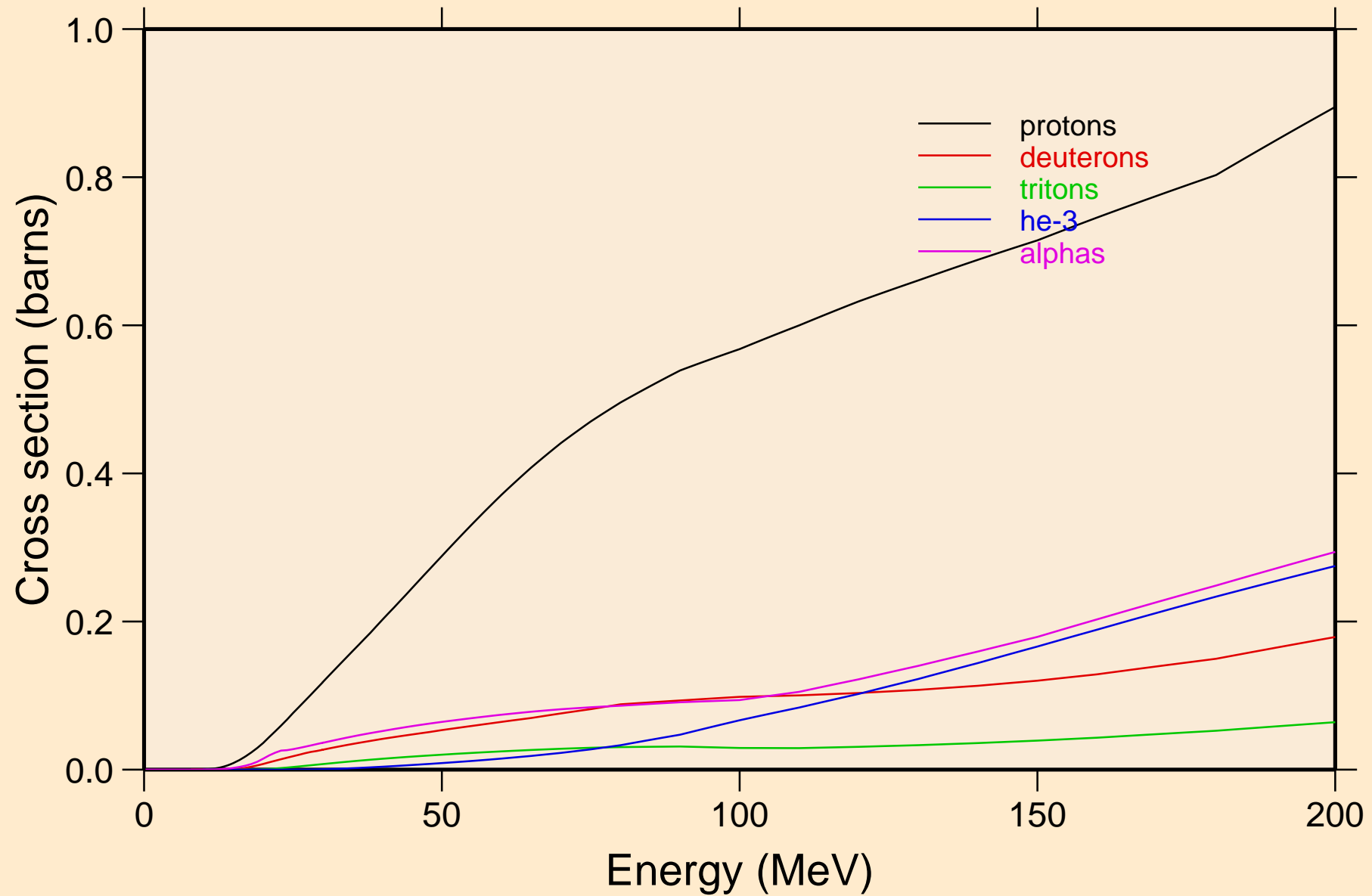
# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Recoil Heating

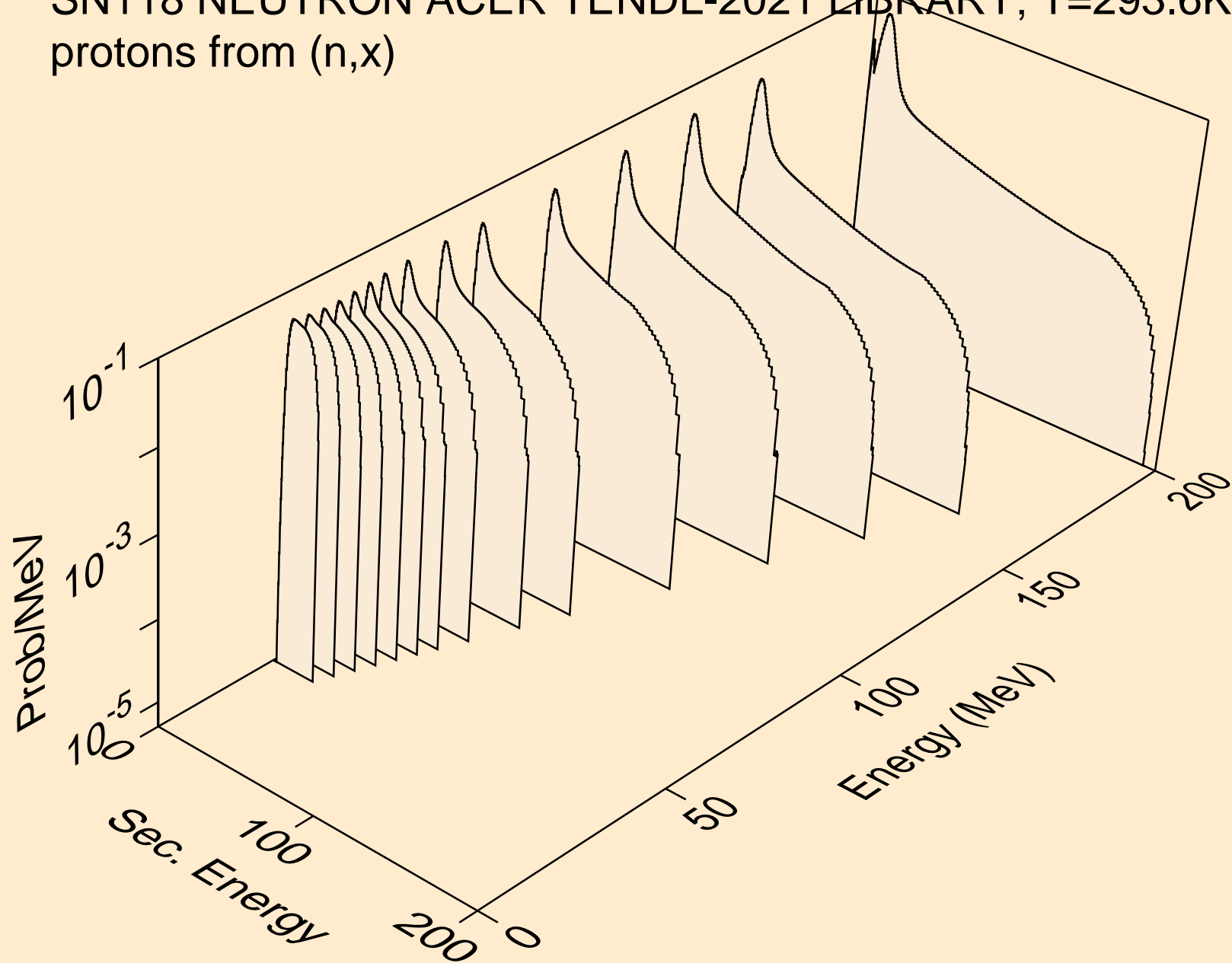


# SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

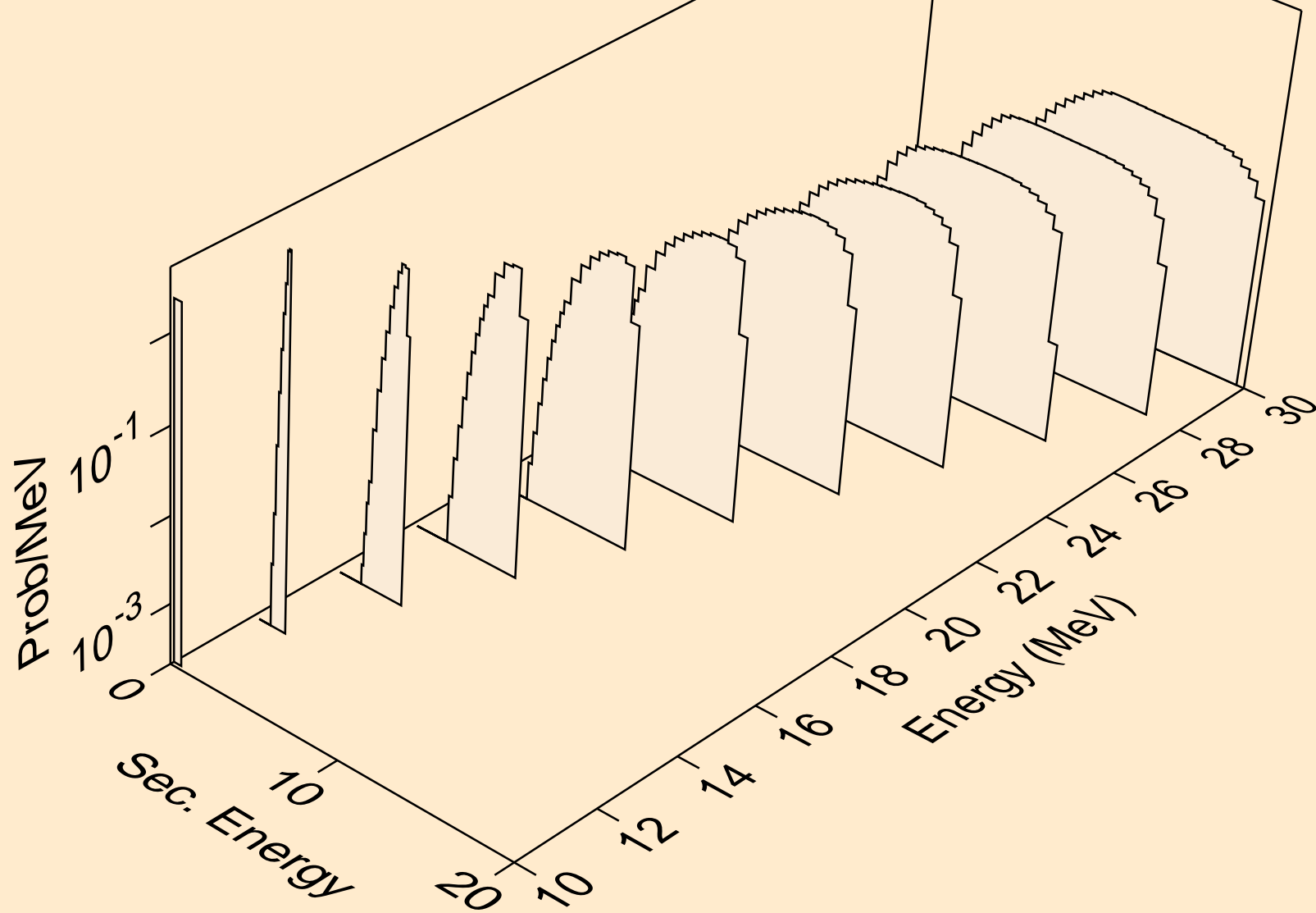
## Particle production cross sections



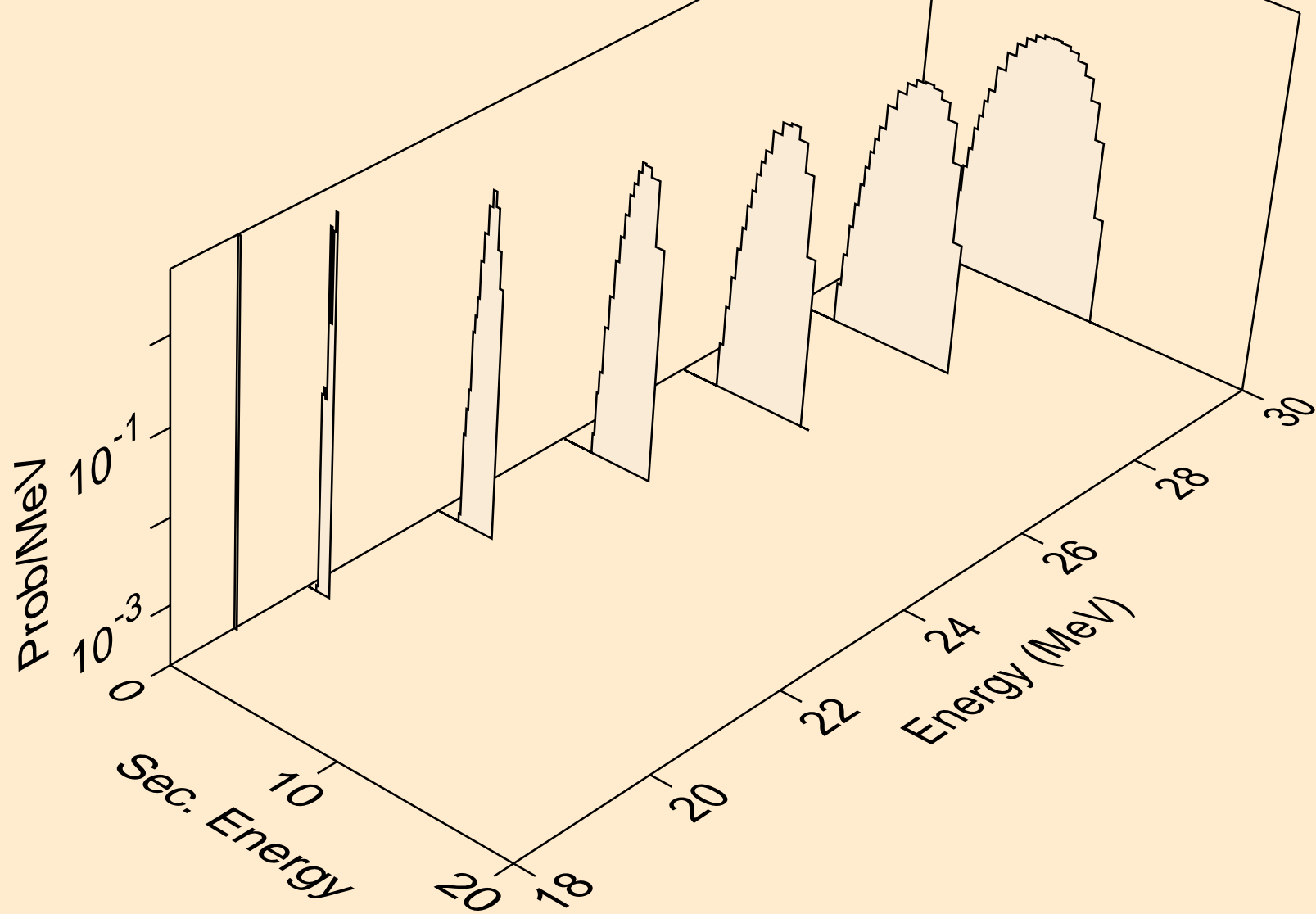
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)



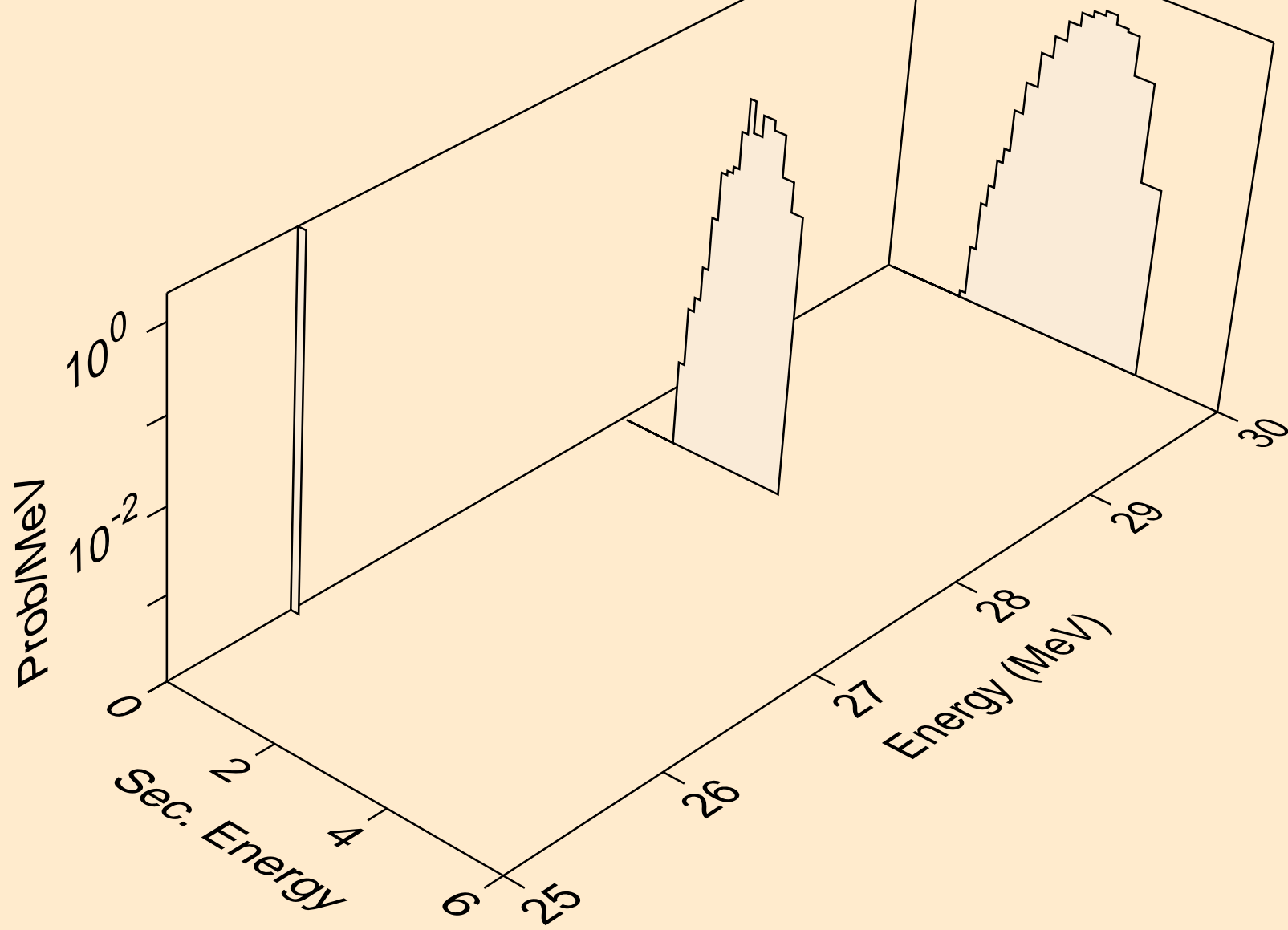
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p



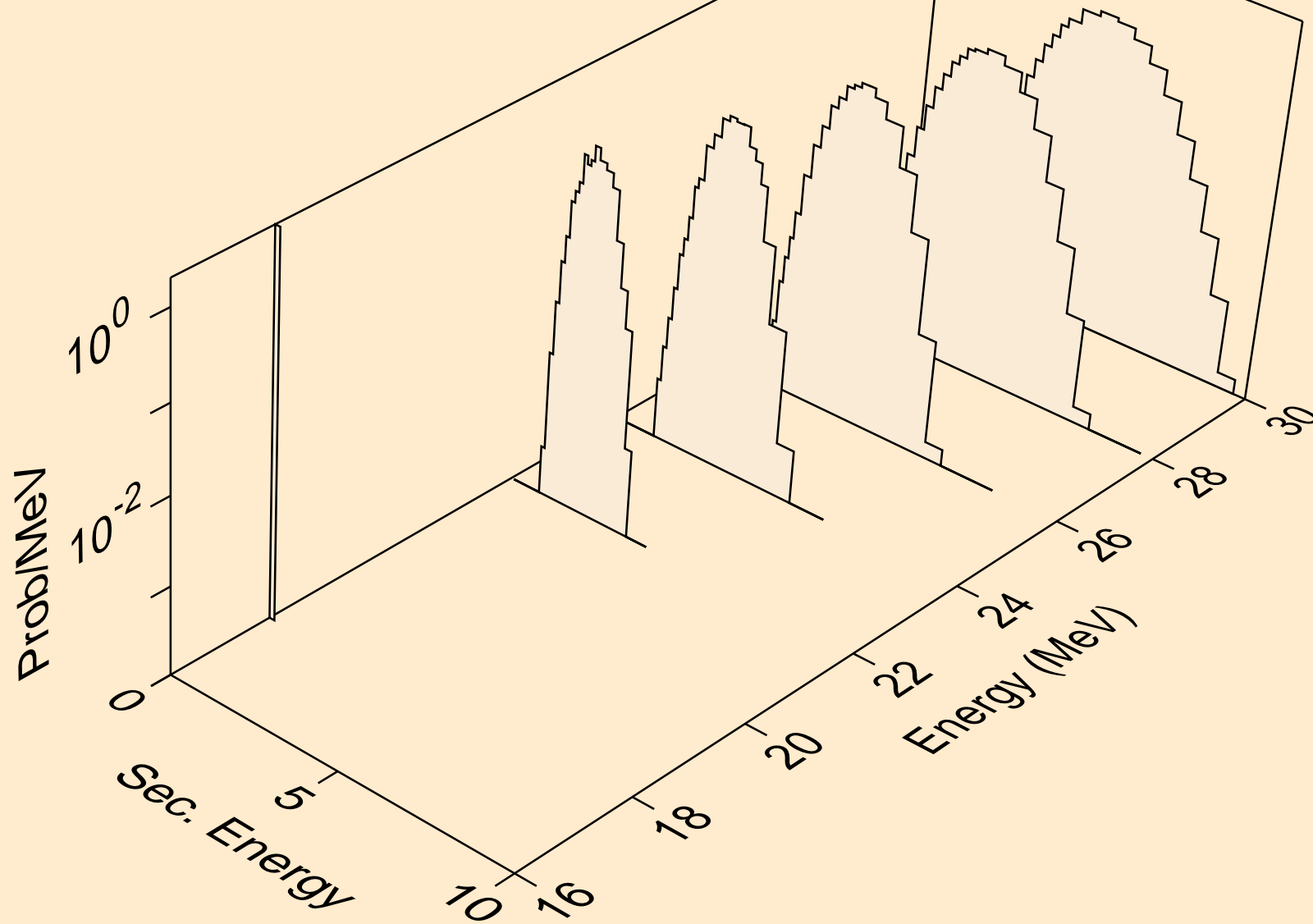
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



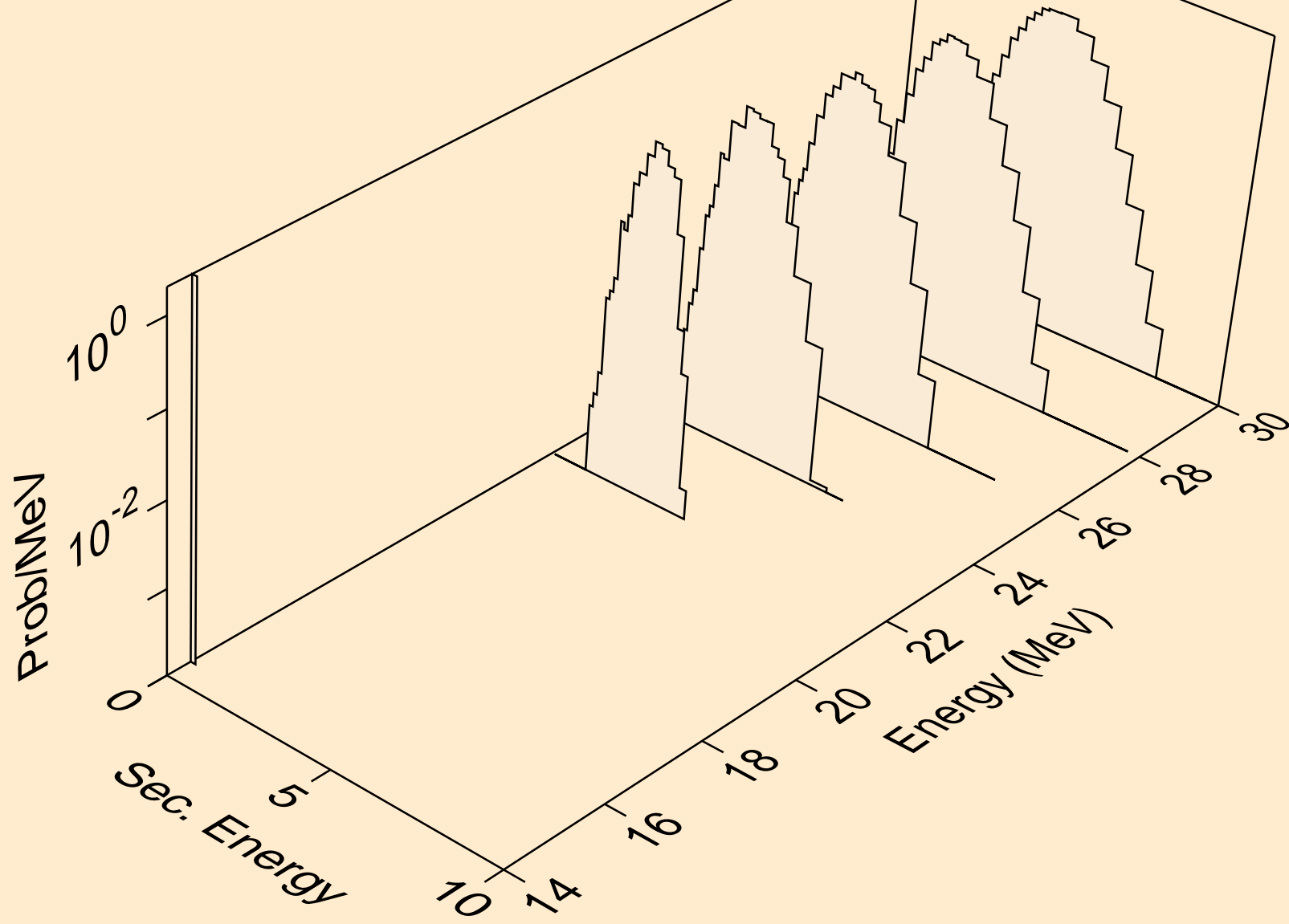
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)

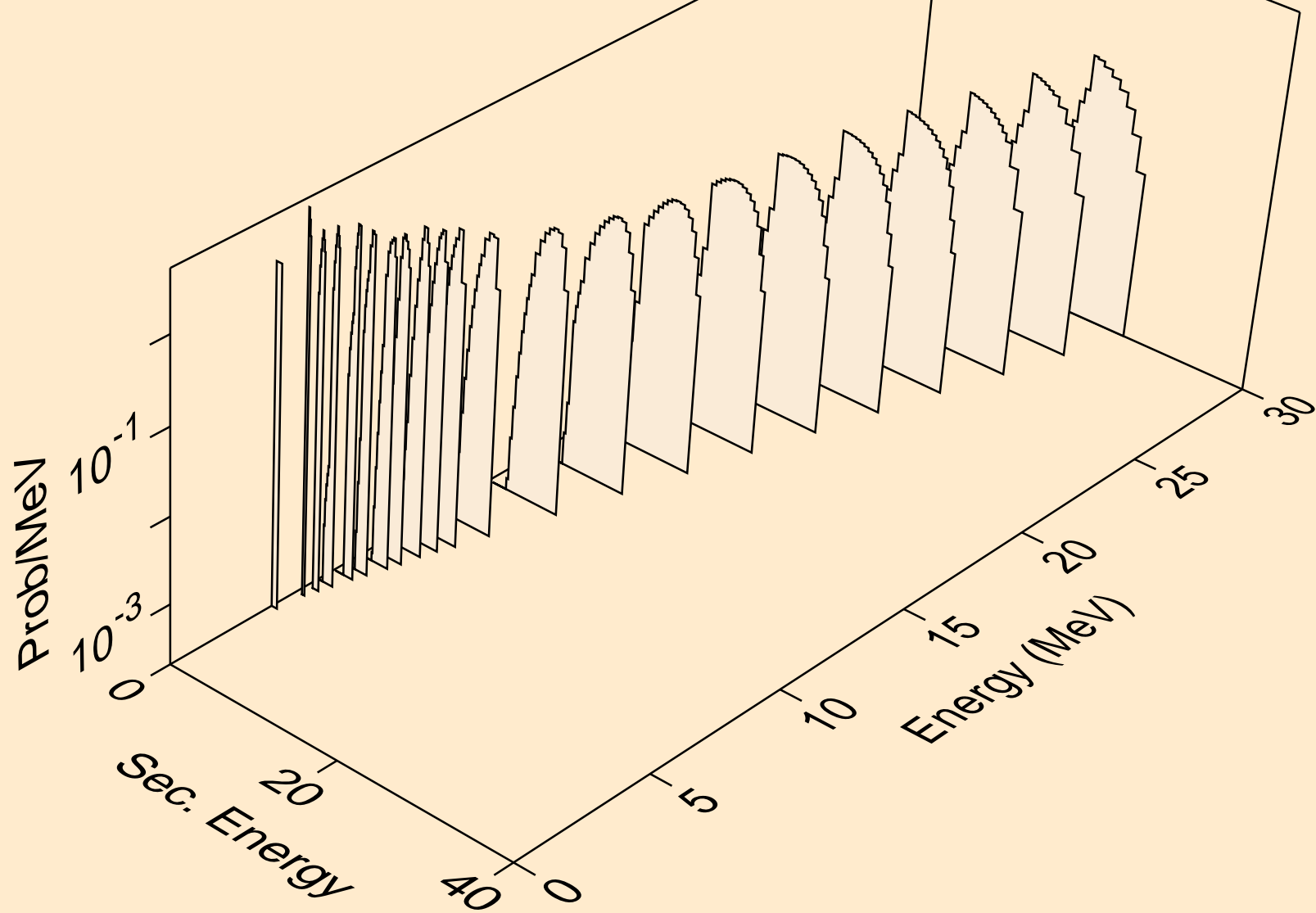


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)

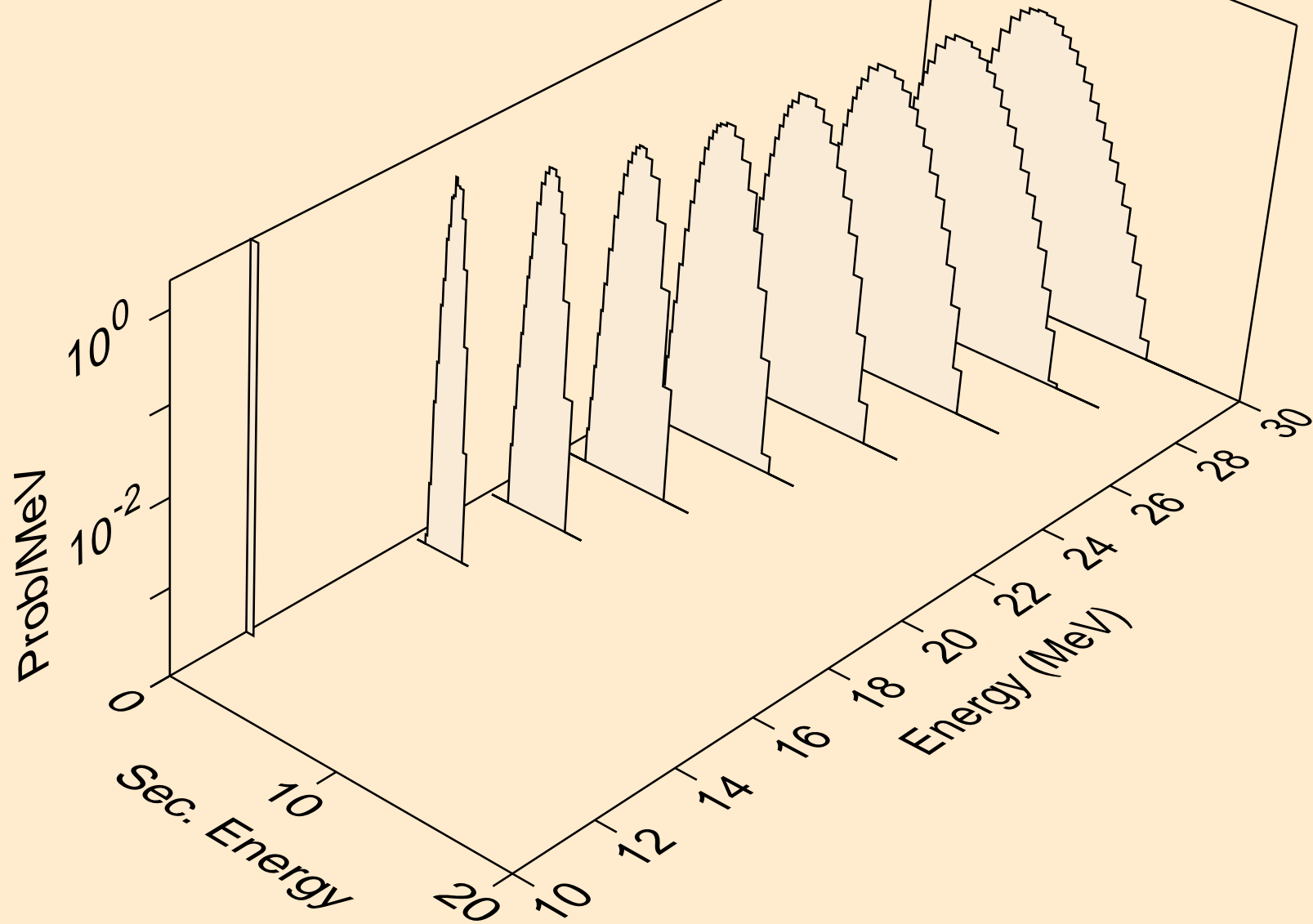




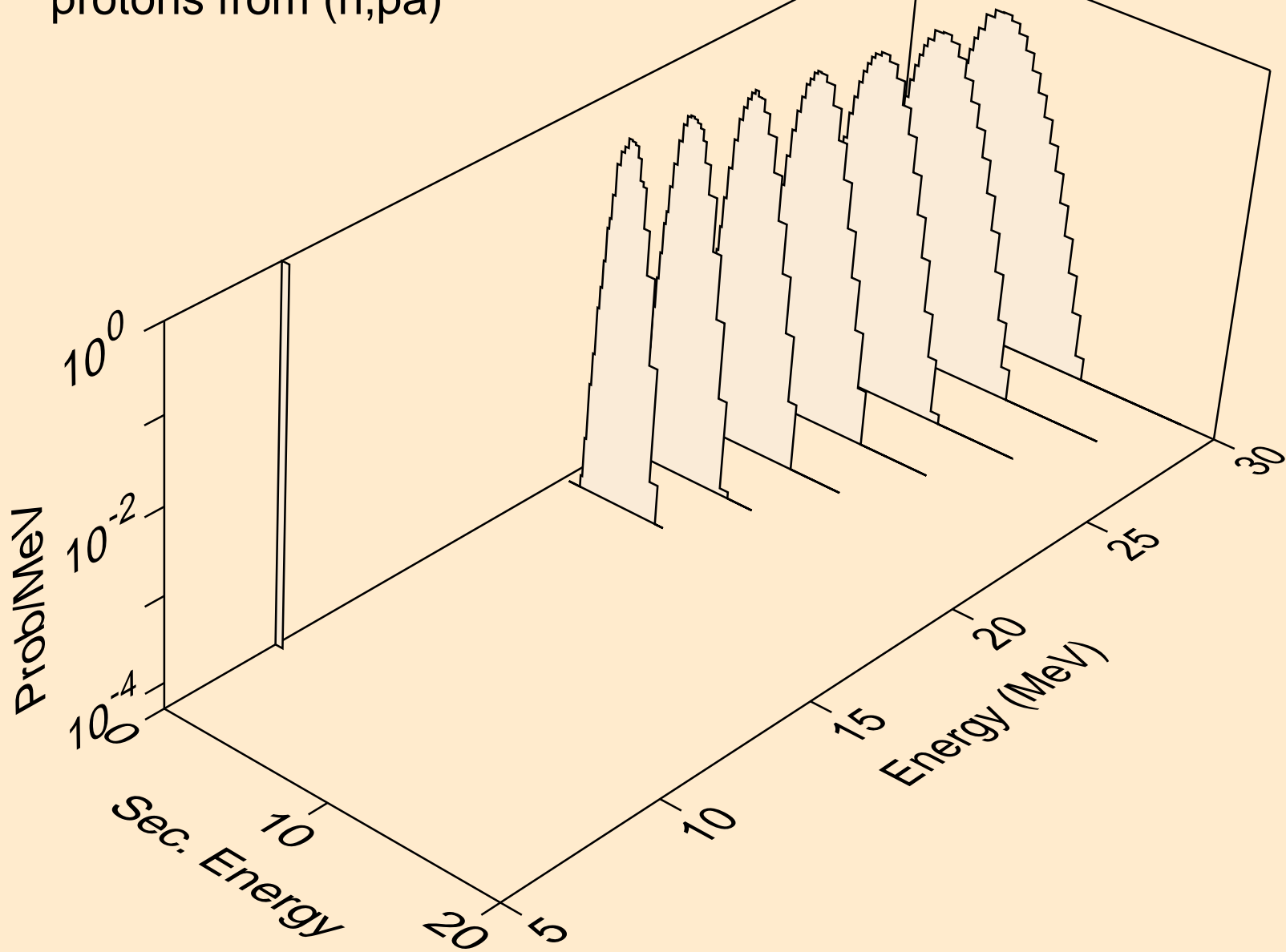
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)



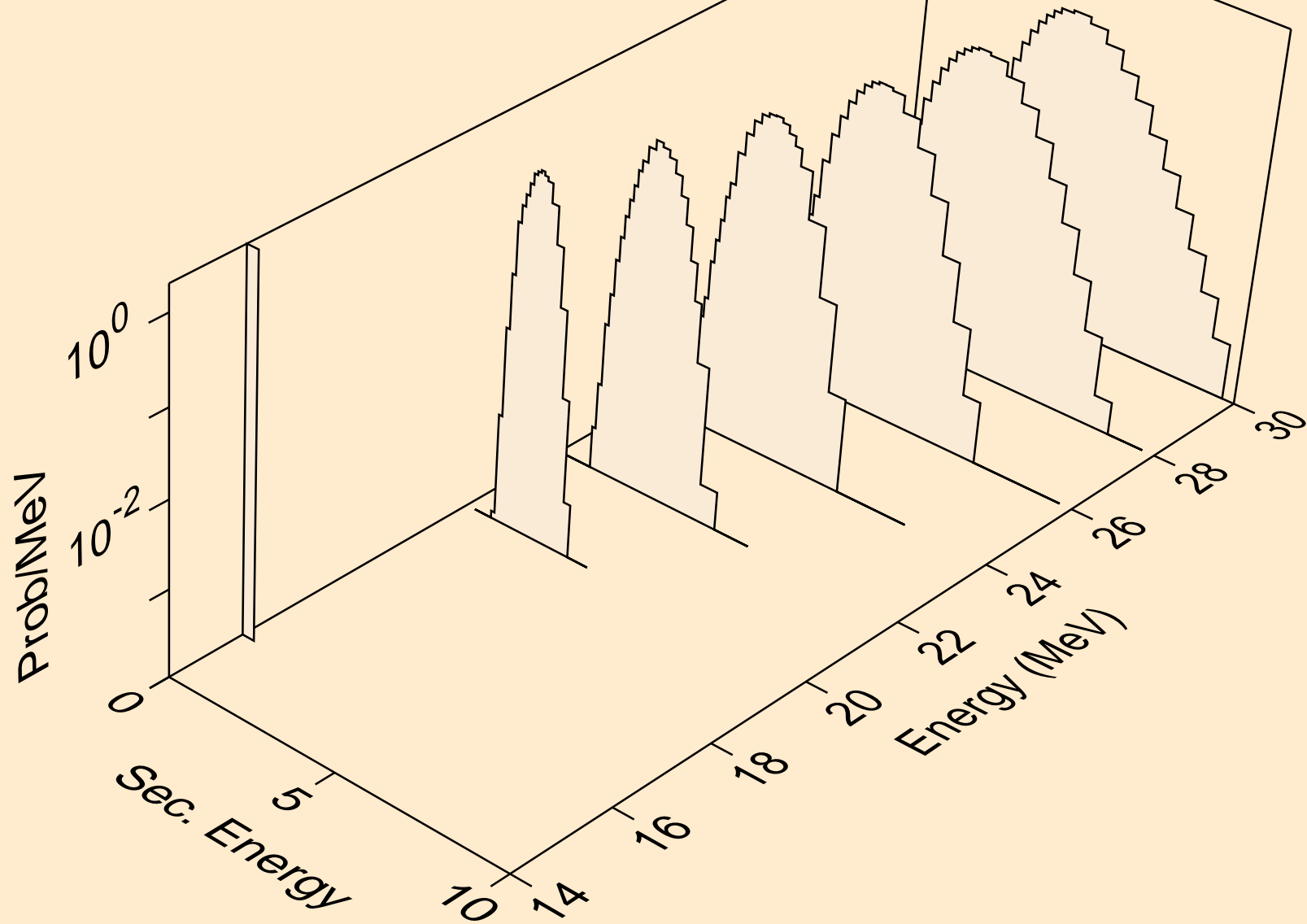
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



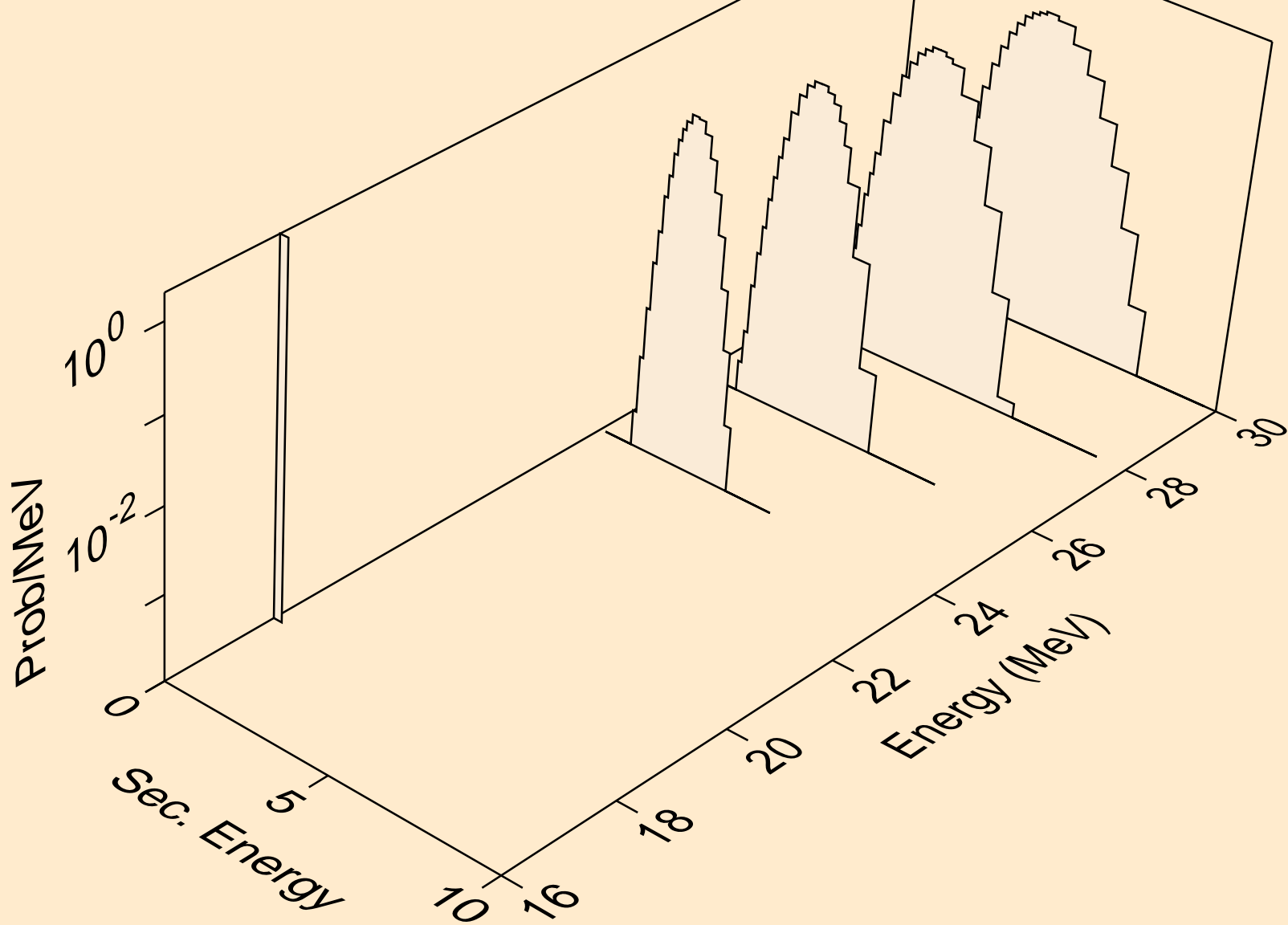
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protons from (n,pa)



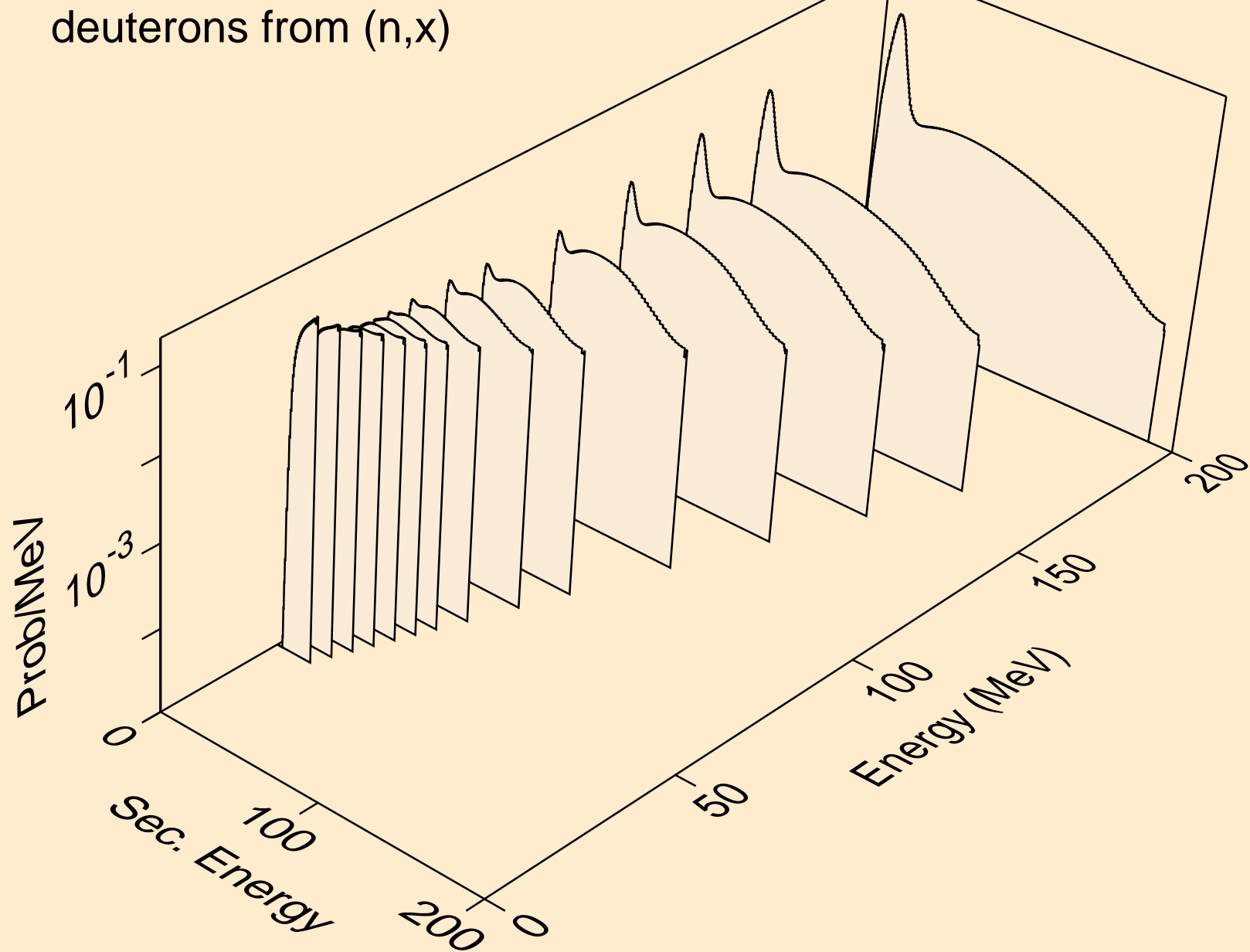
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protons from (n,pd)



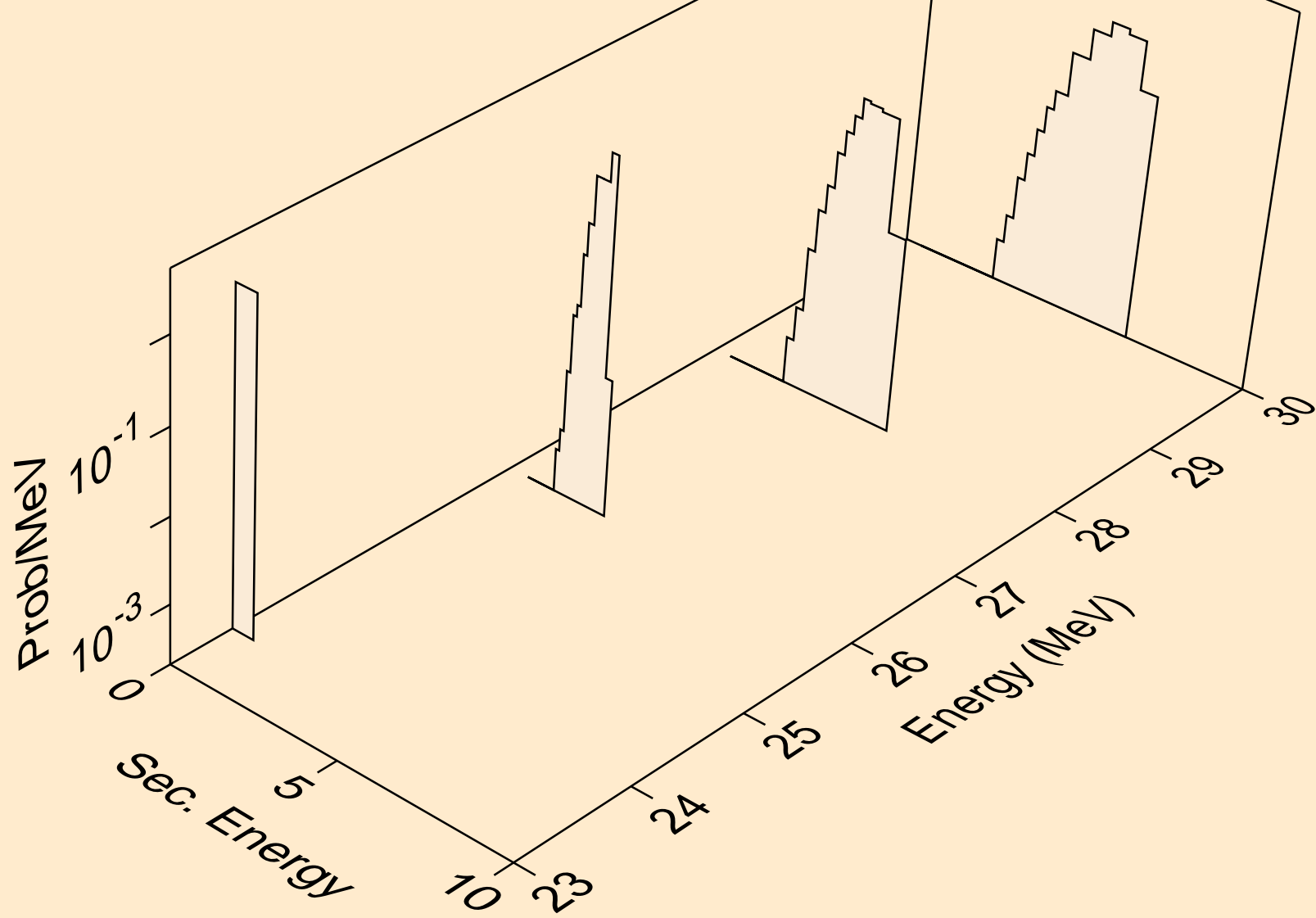
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protons from (n,pt)



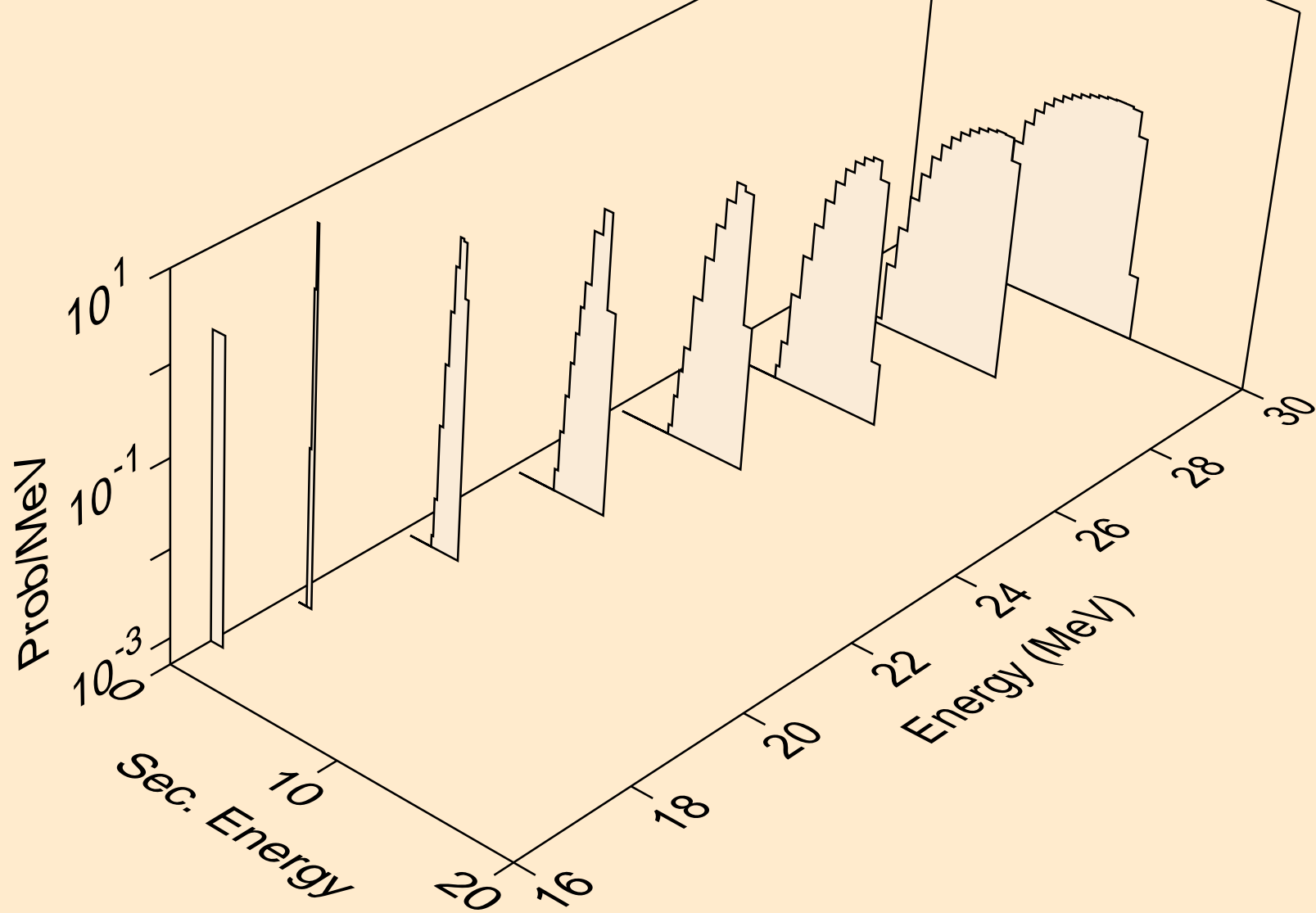
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)

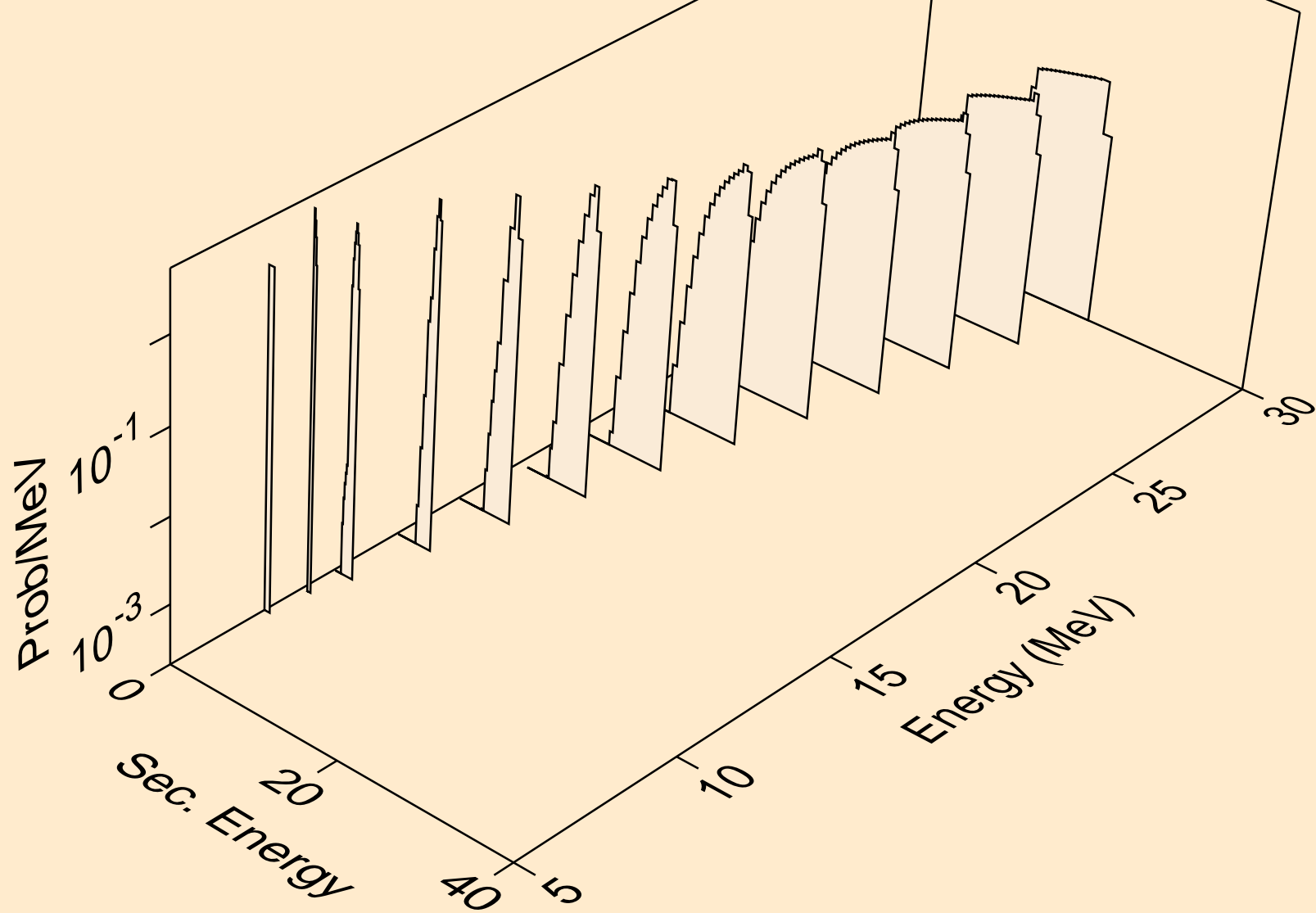


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

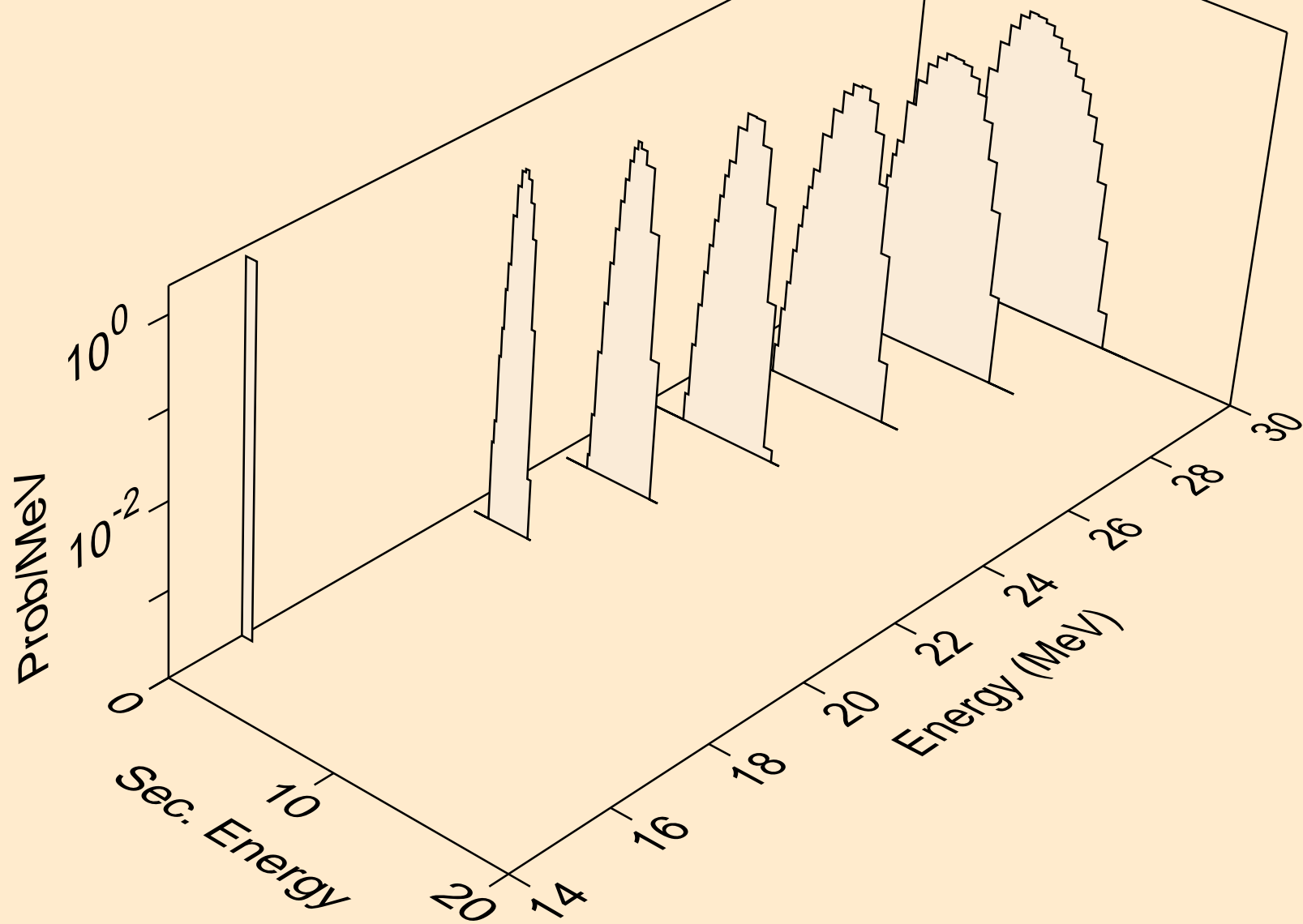




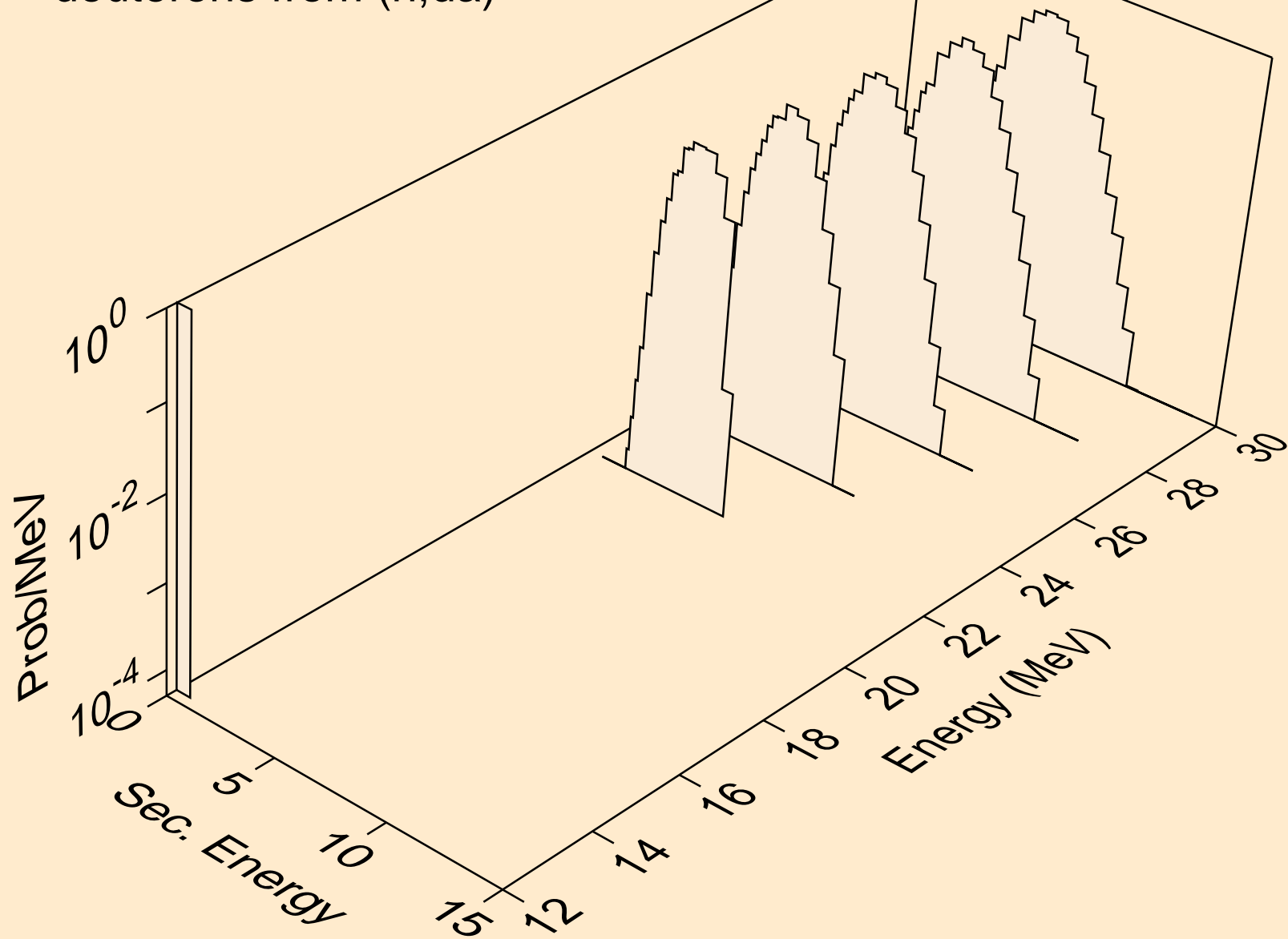
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deuterons from (n,d)



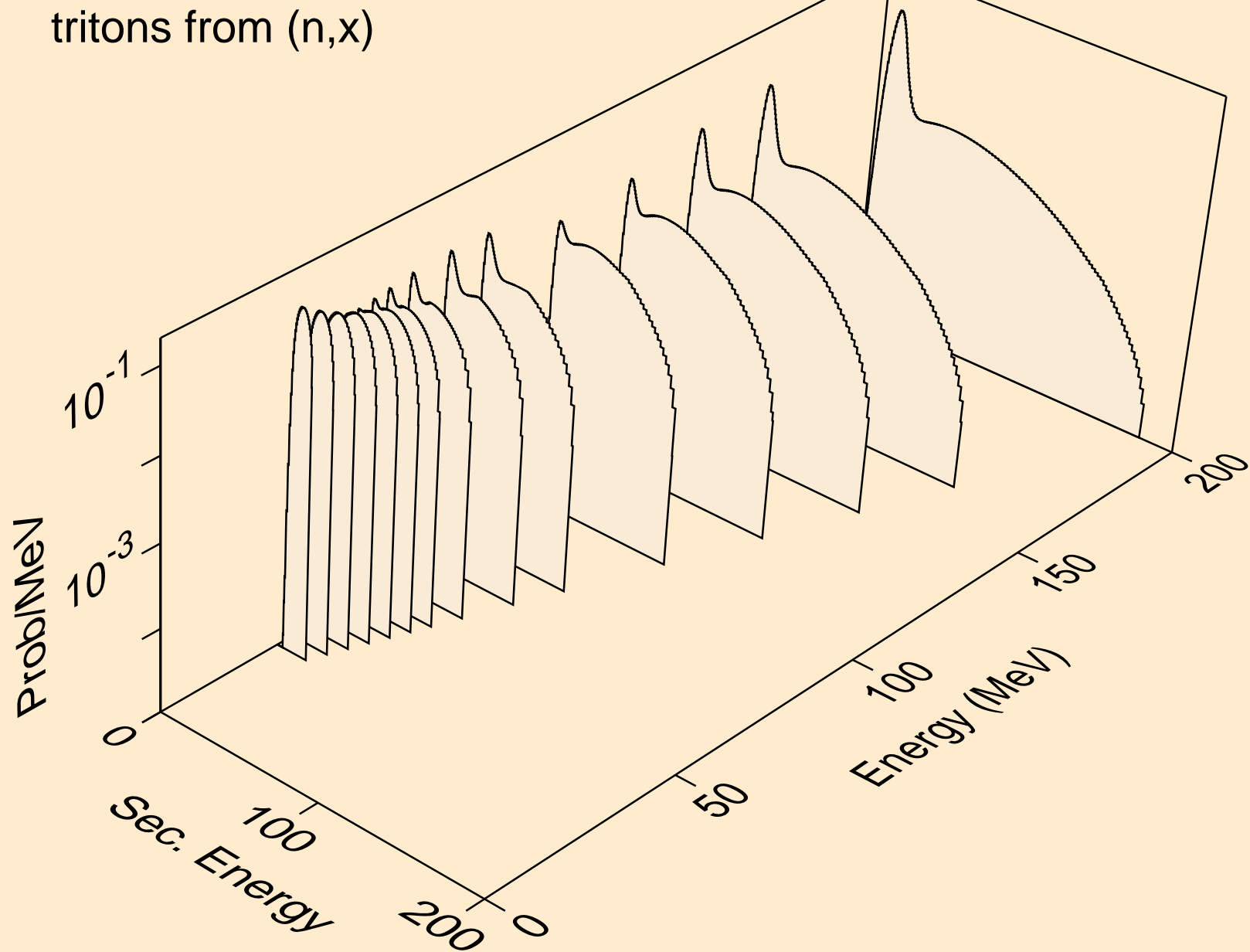
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deuterons from (n,pd)



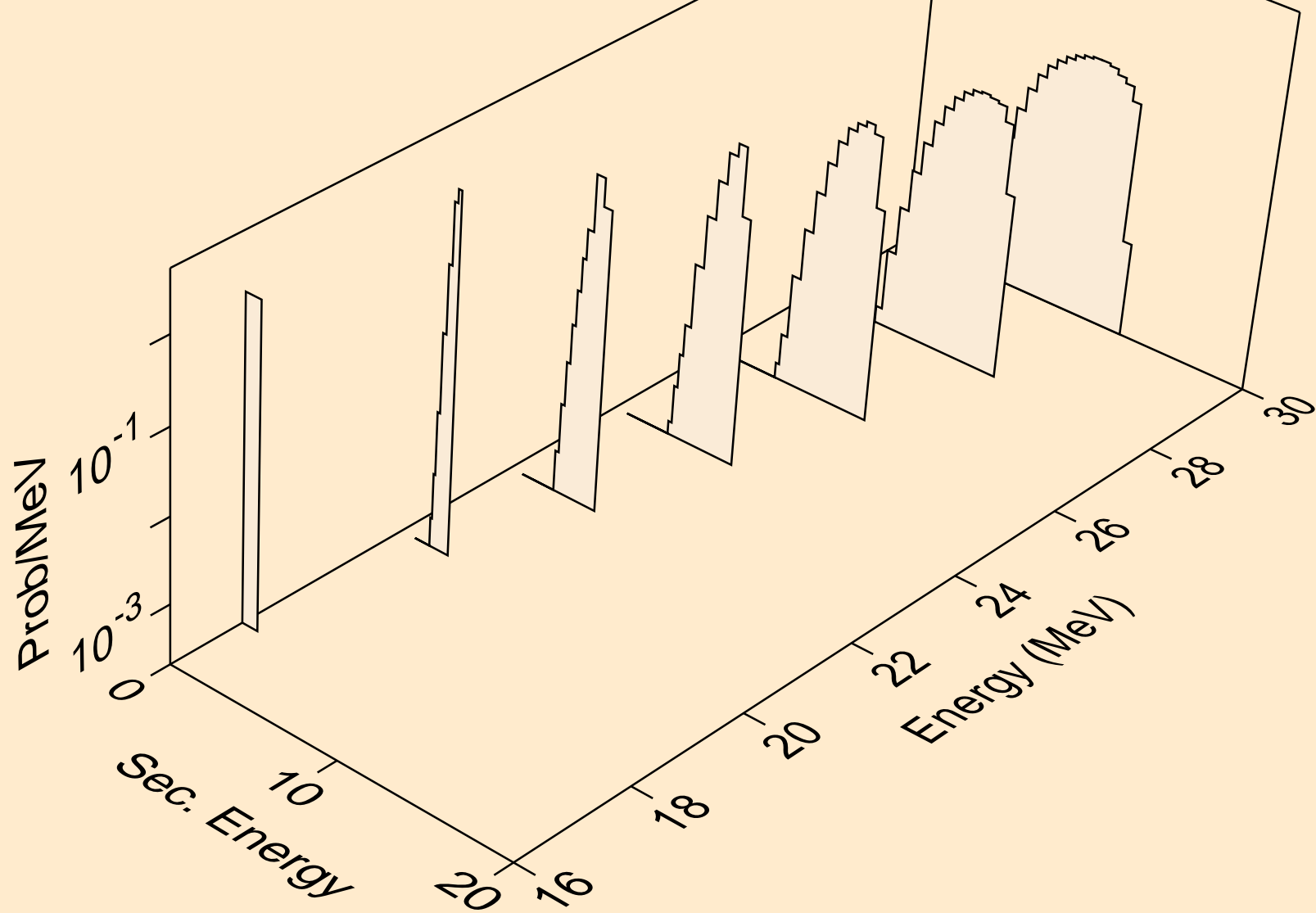
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deuterons from (n,da)



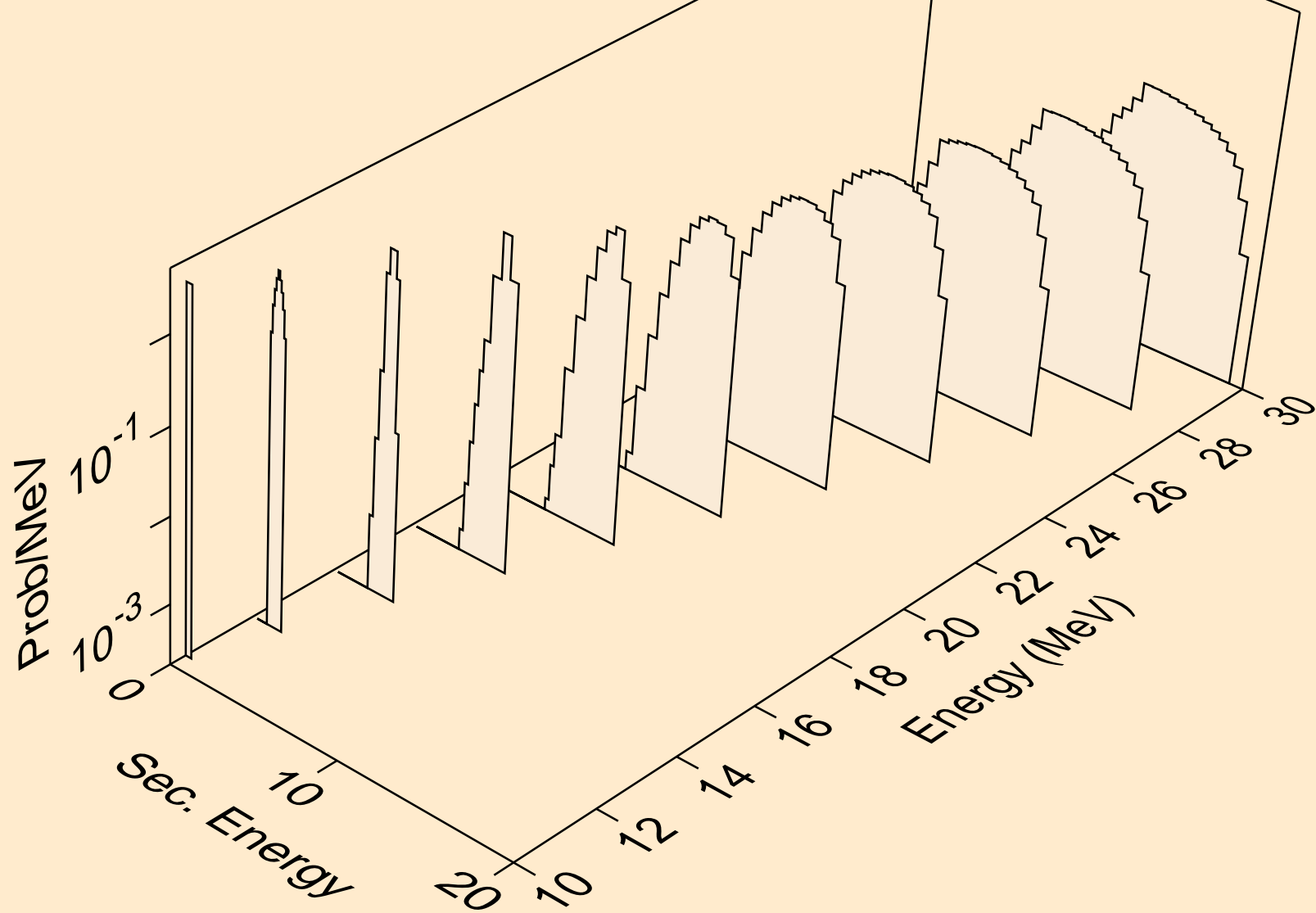
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)



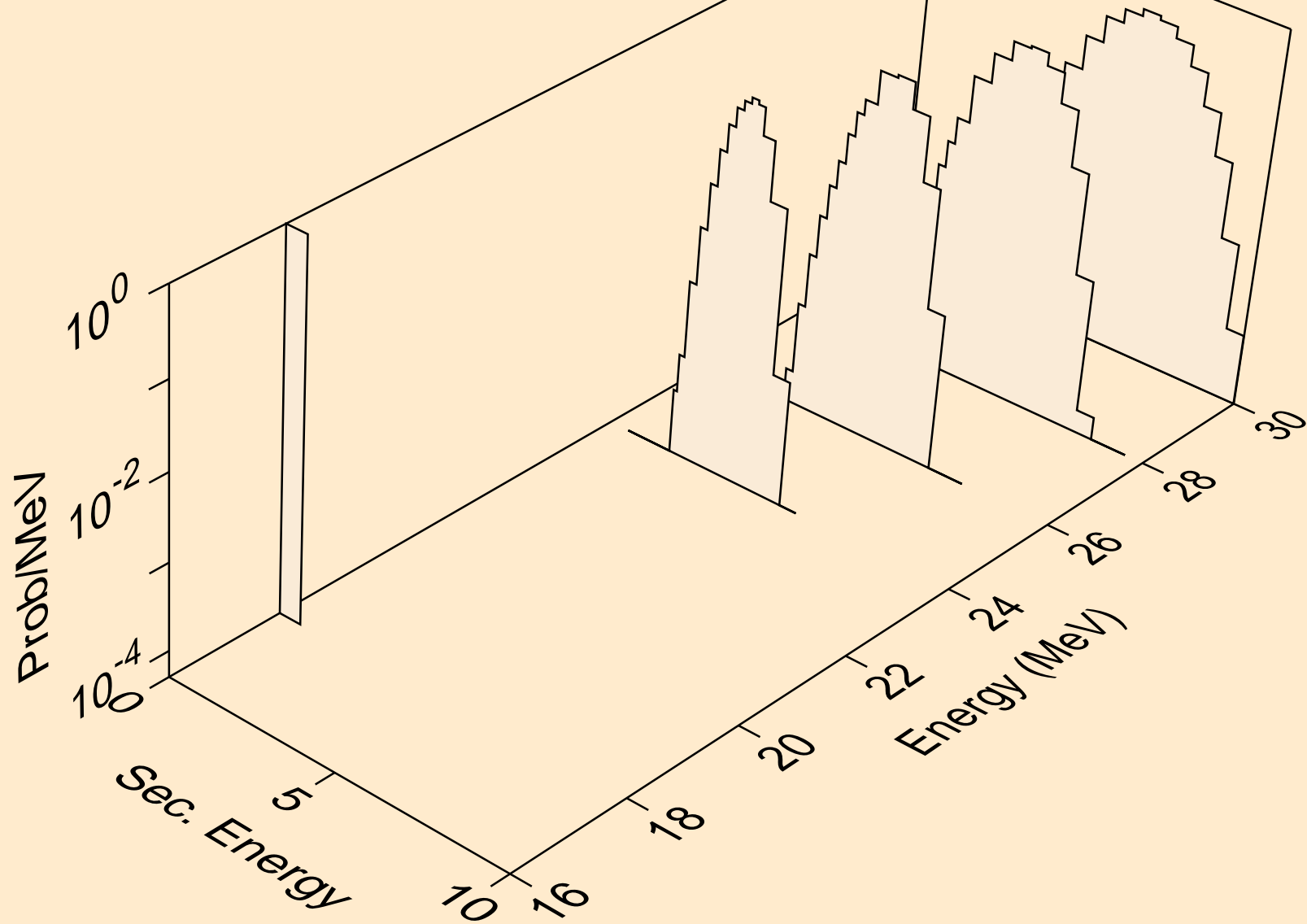
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



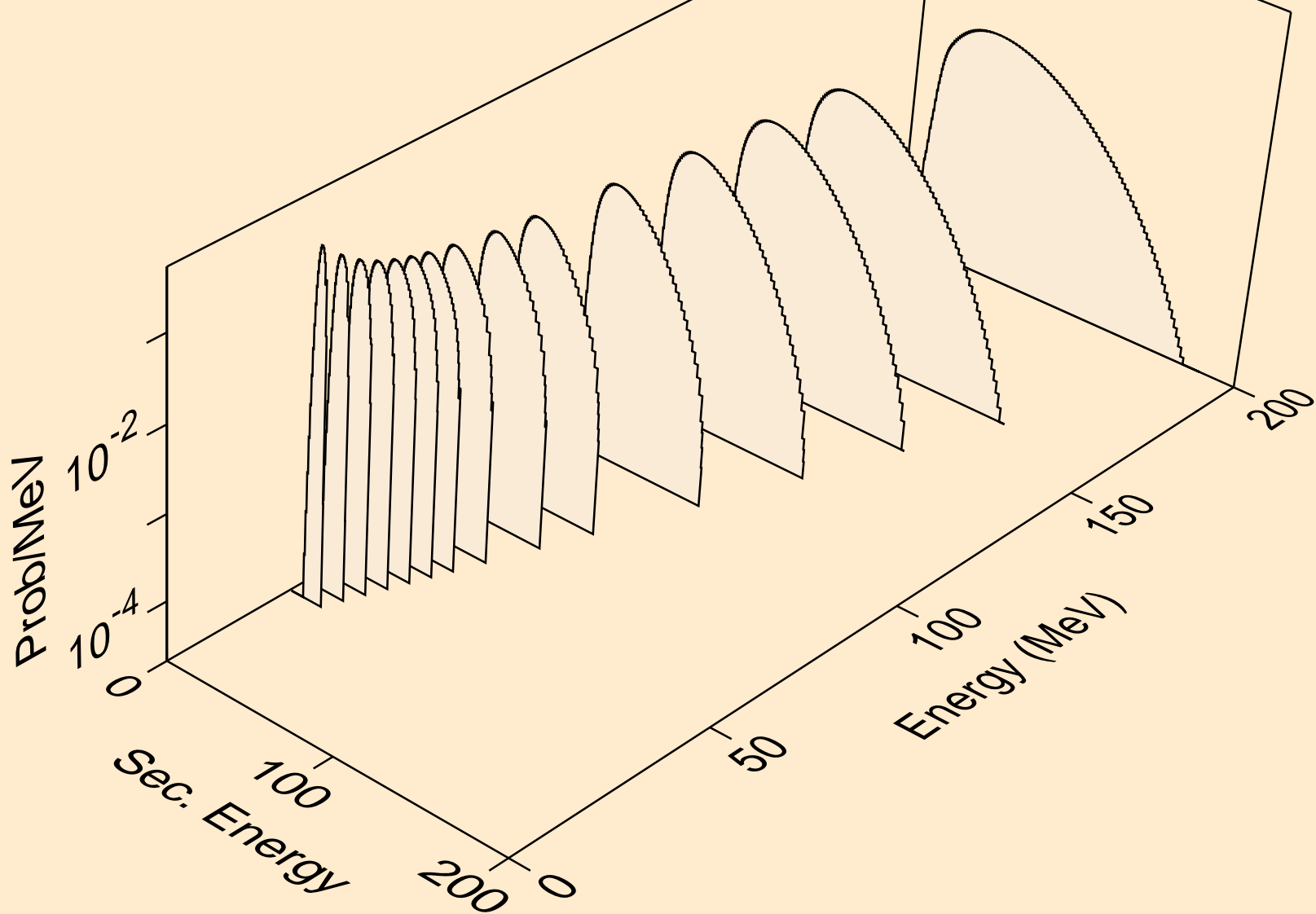
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,t)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,pt)

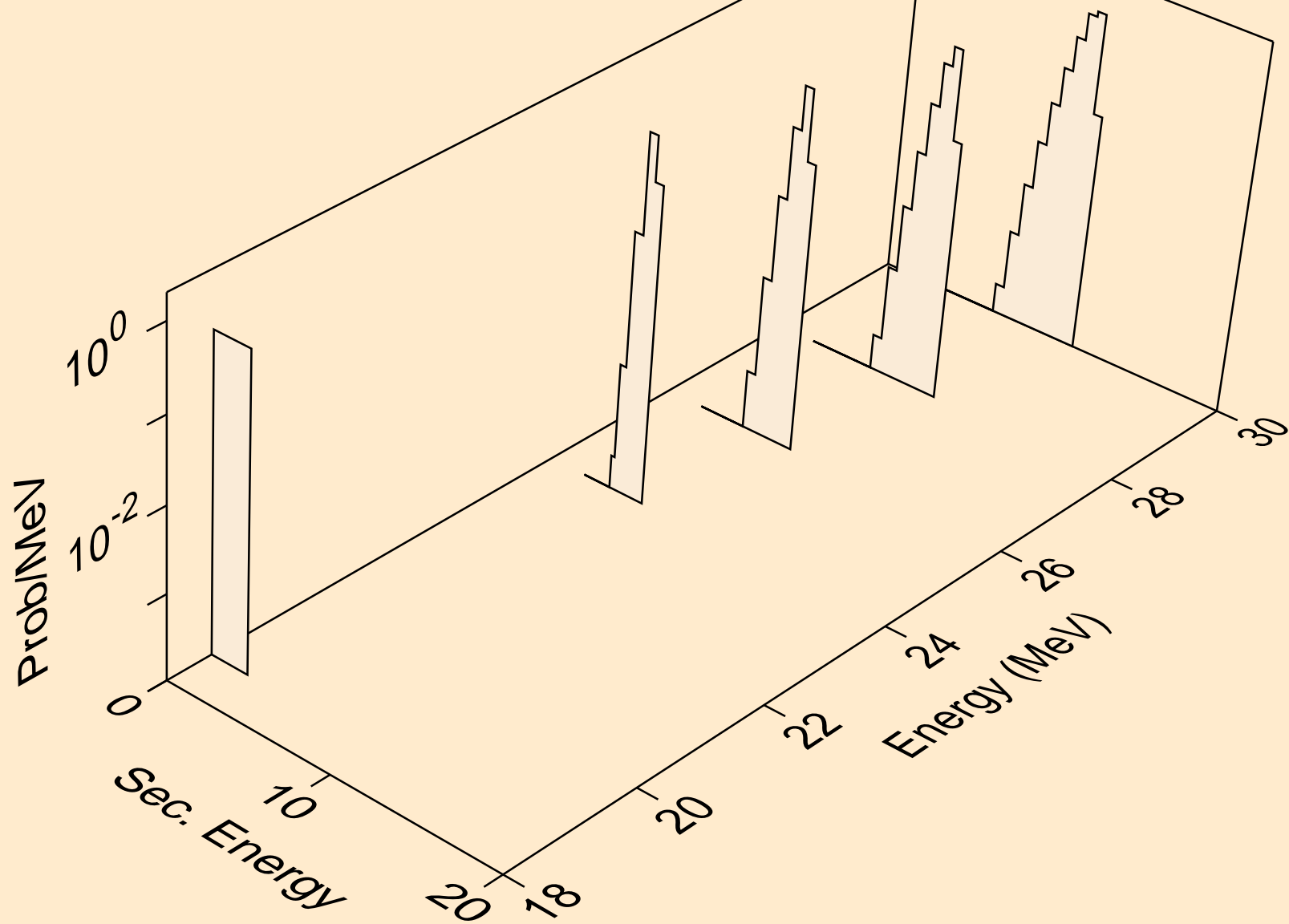


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)

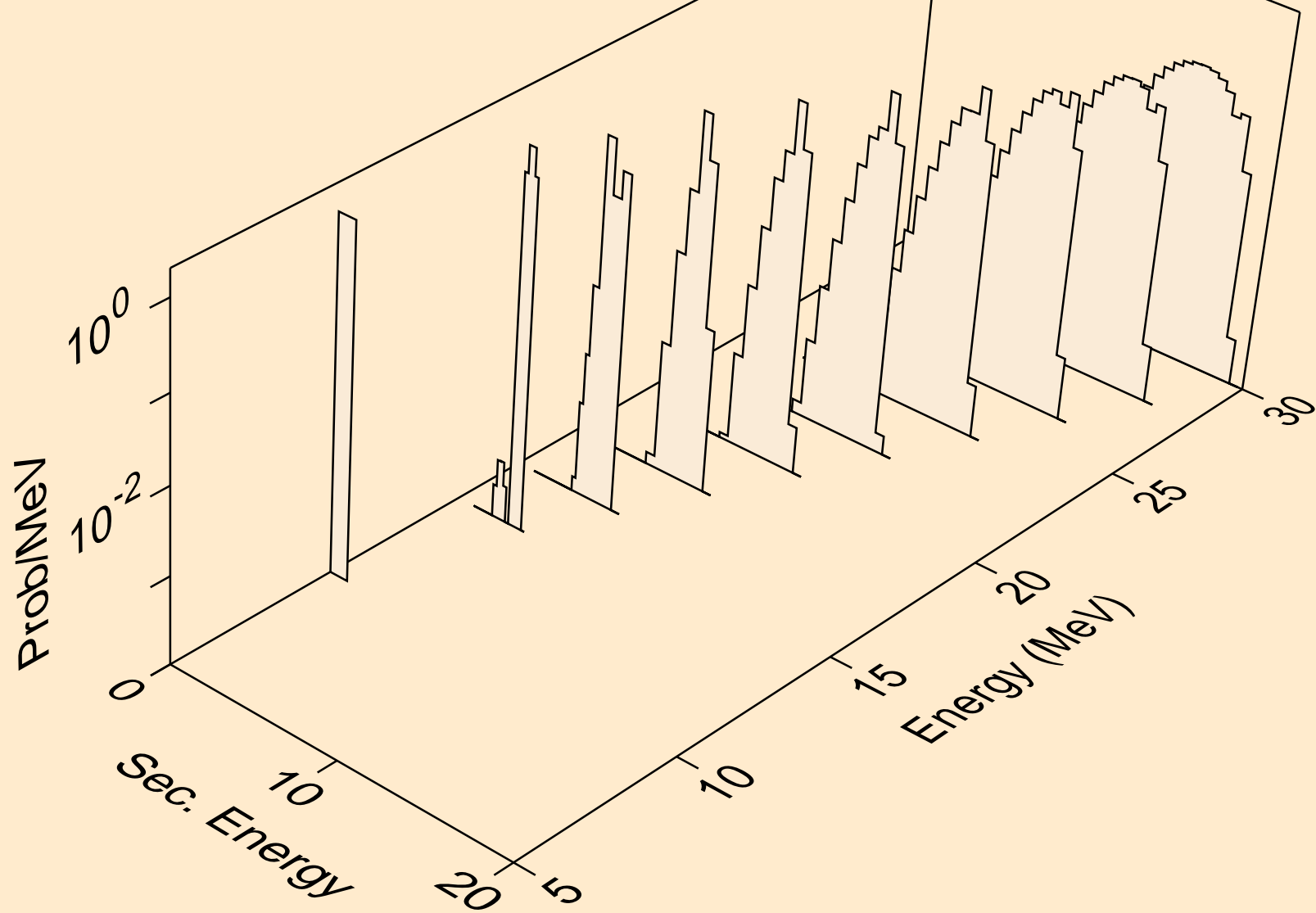




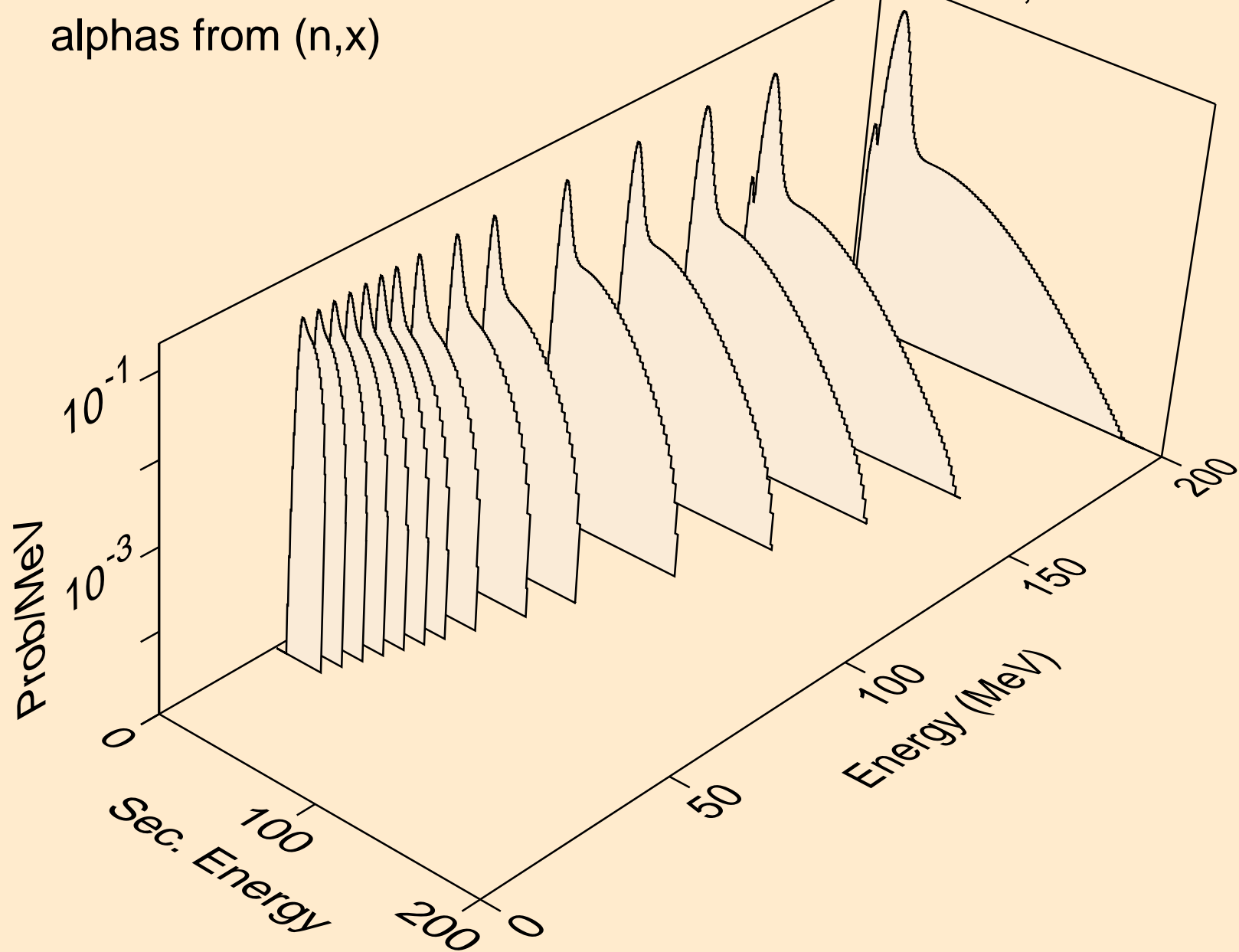
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



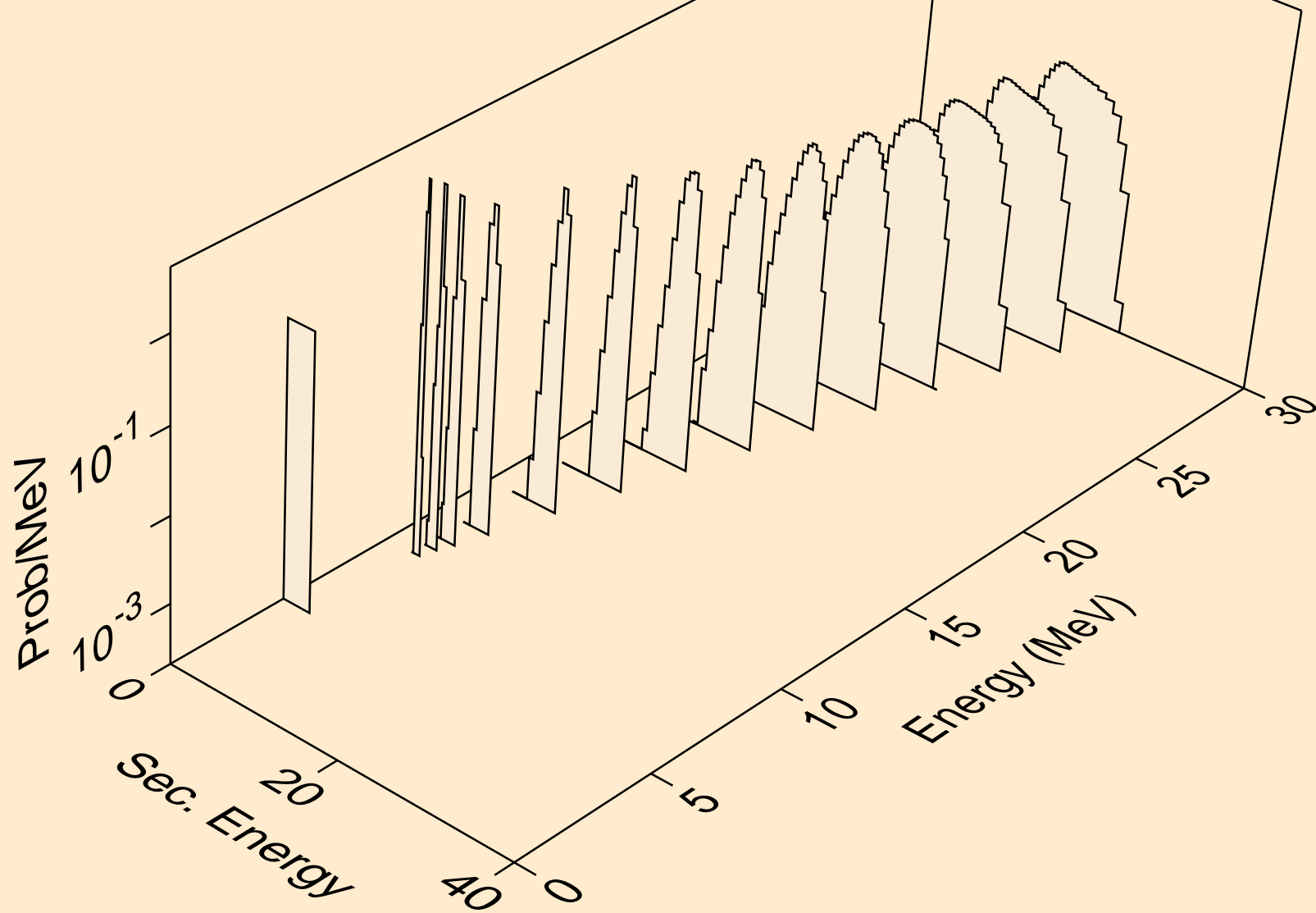
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



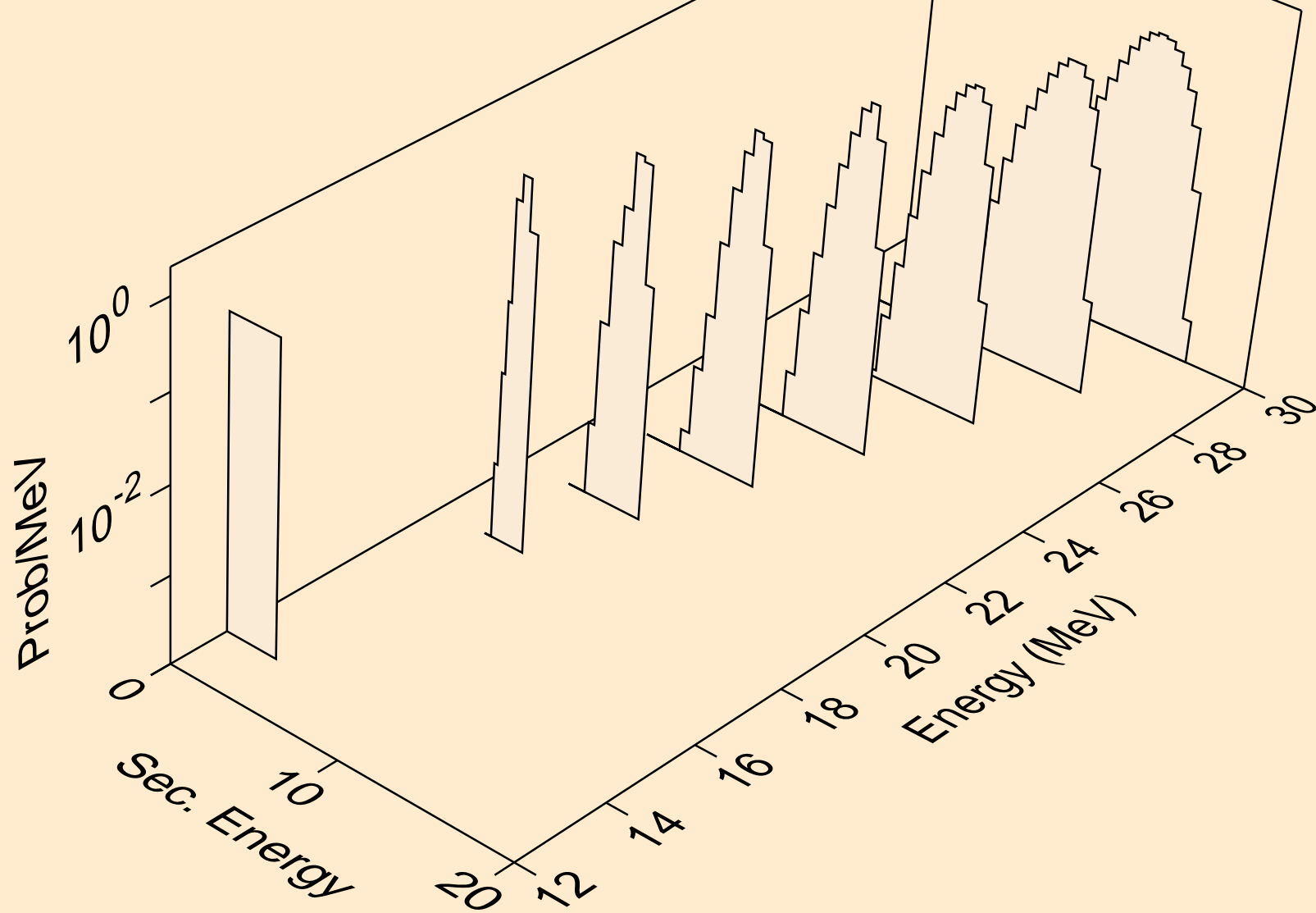
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)



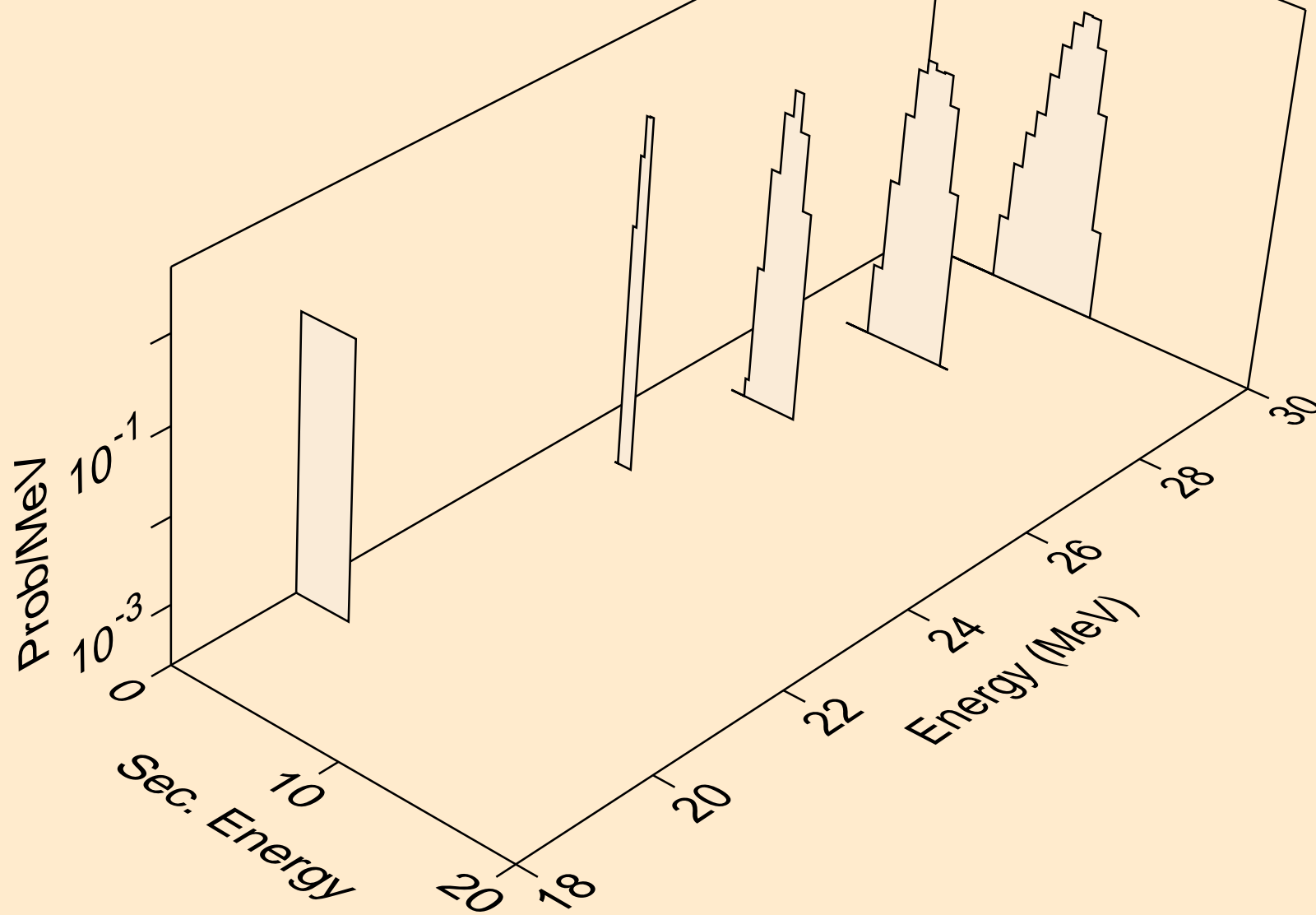
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a



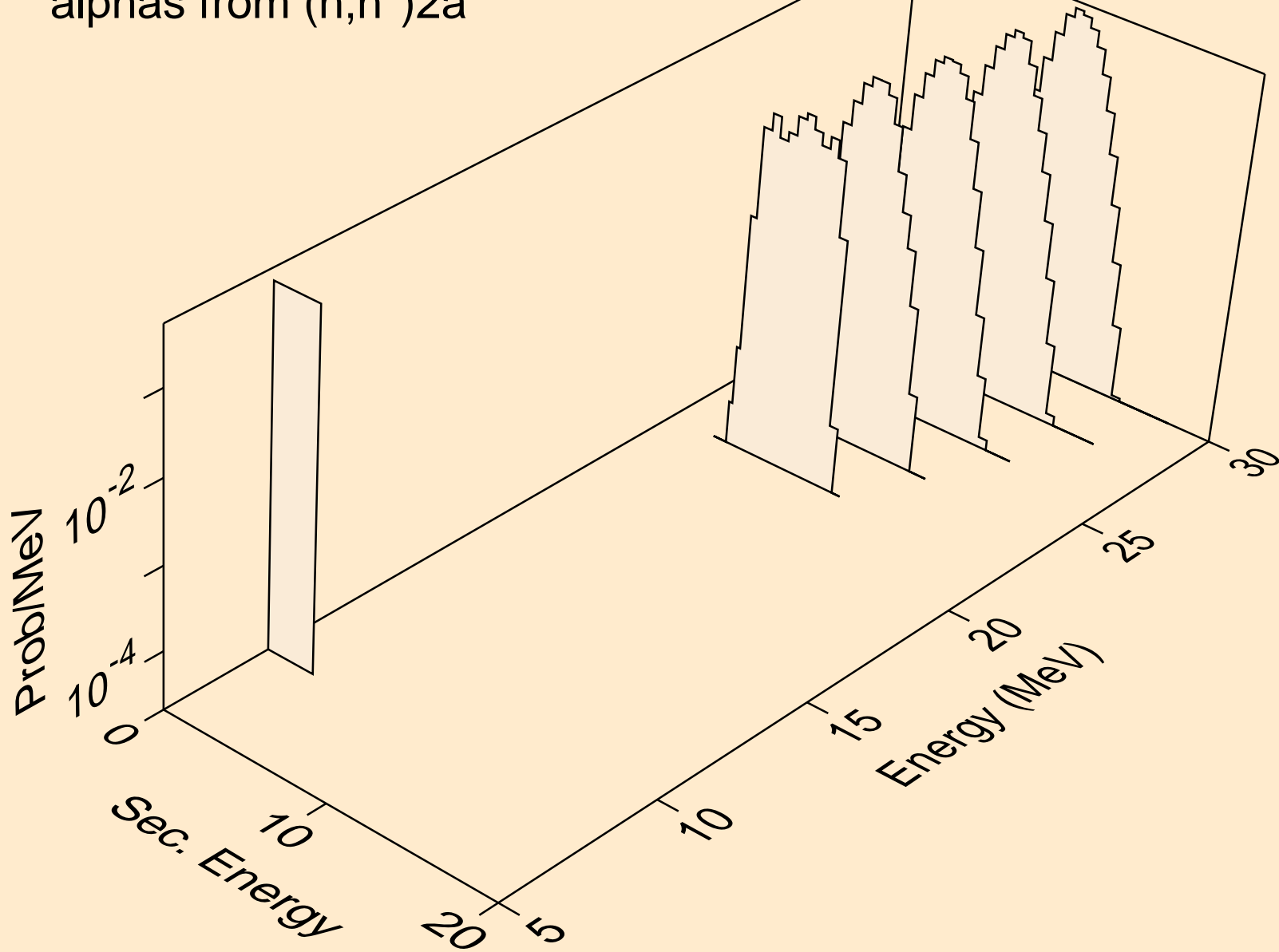
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



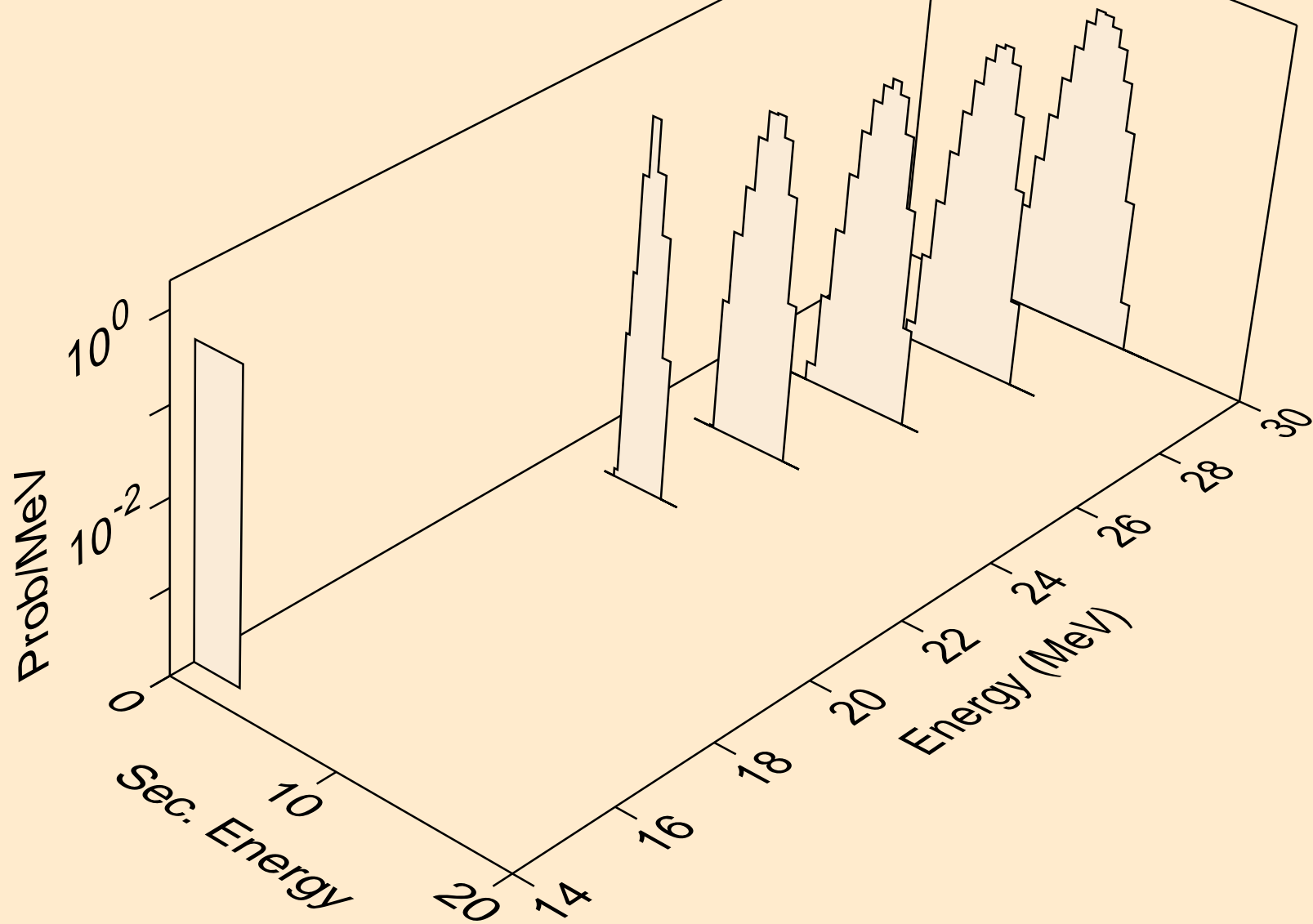
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a

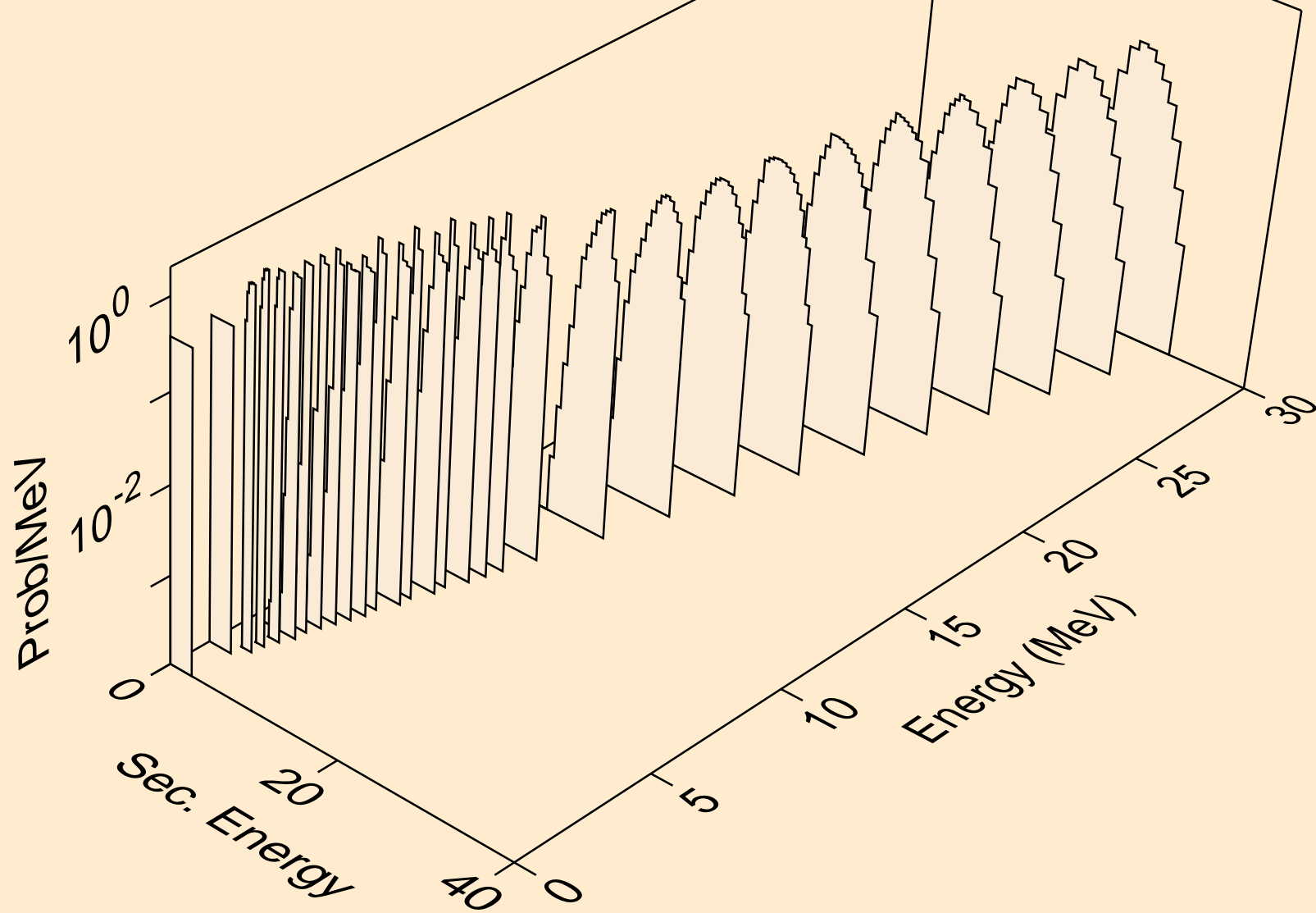


SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)

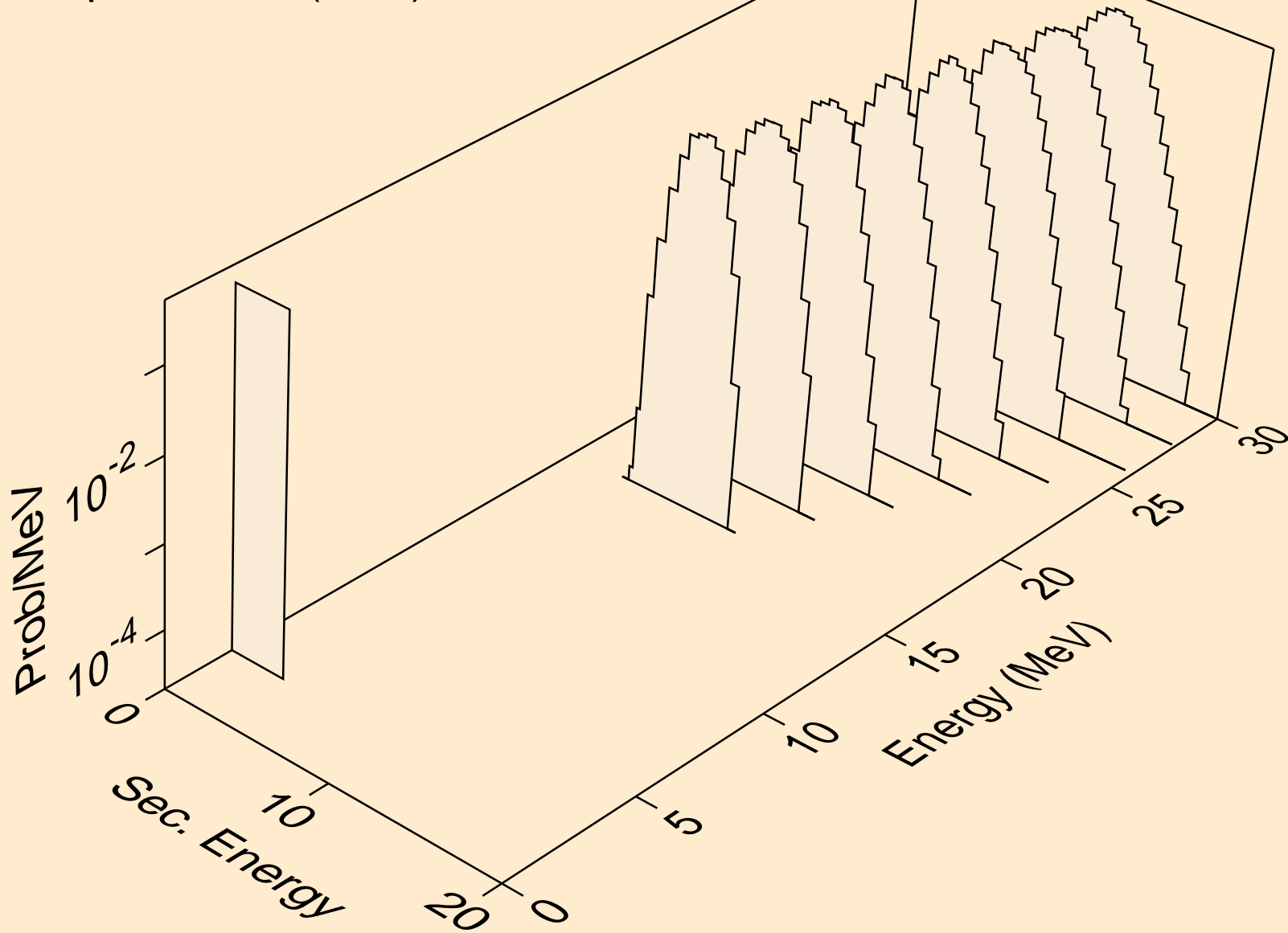




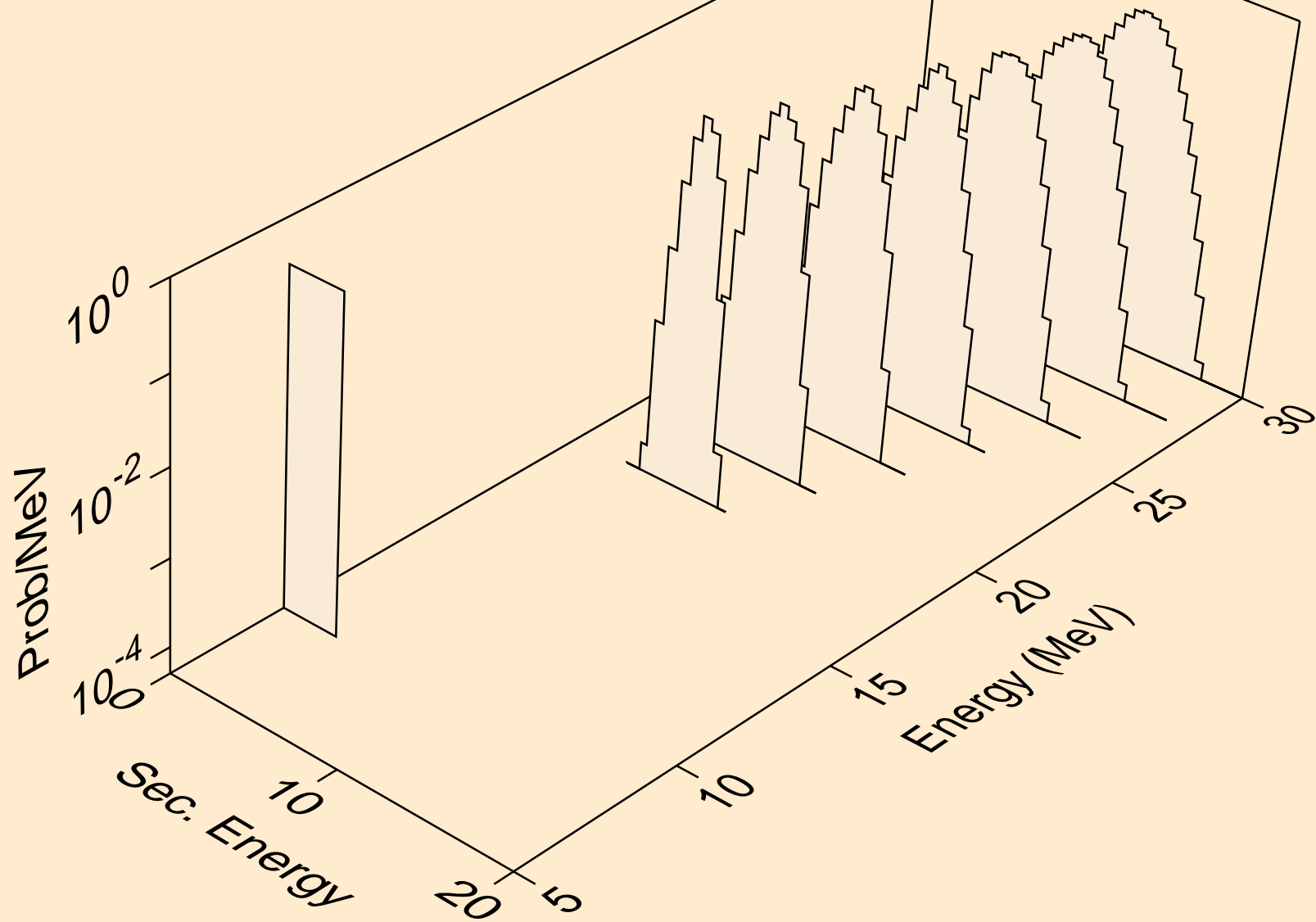
SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)



SN118 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

