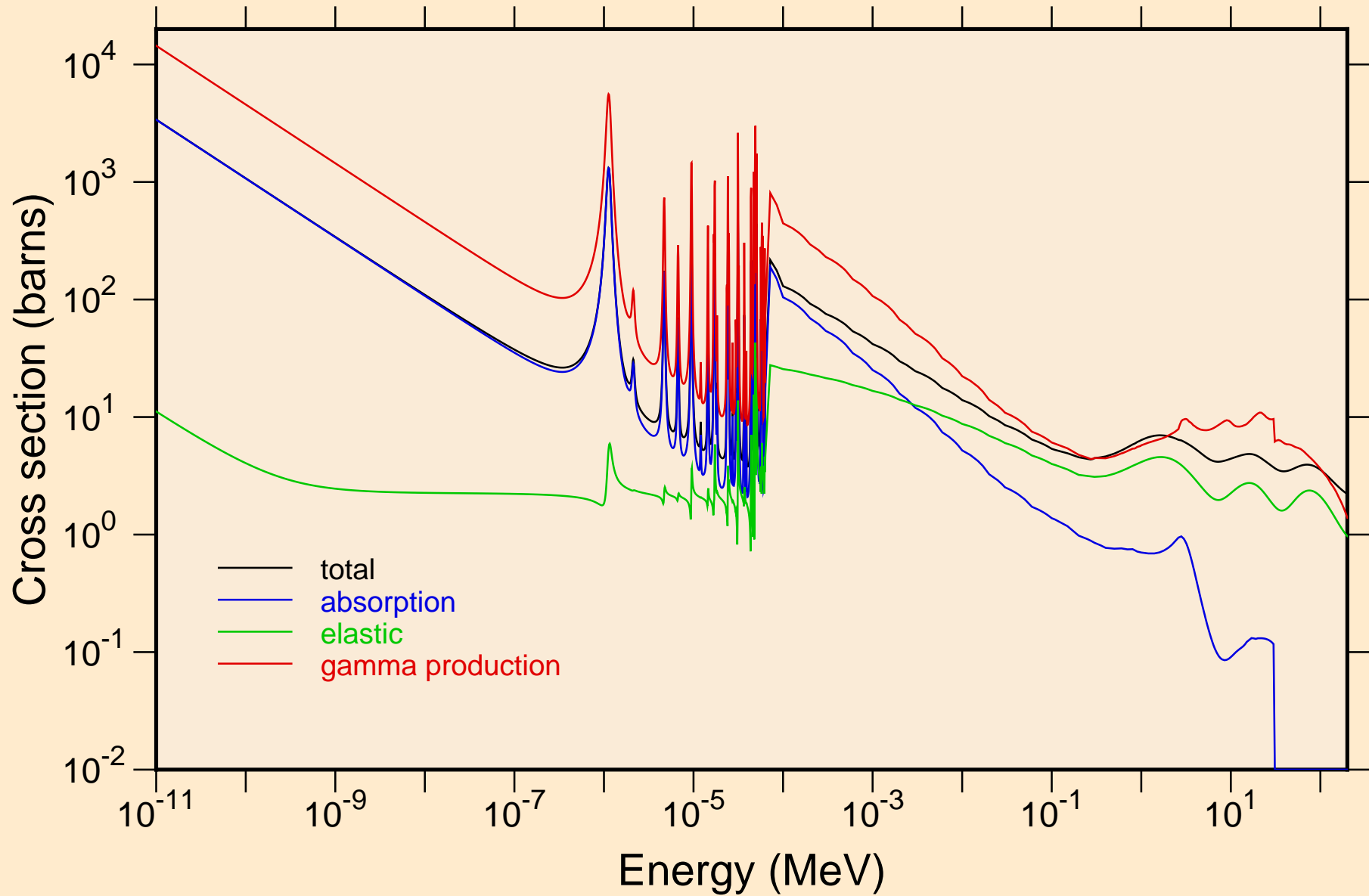
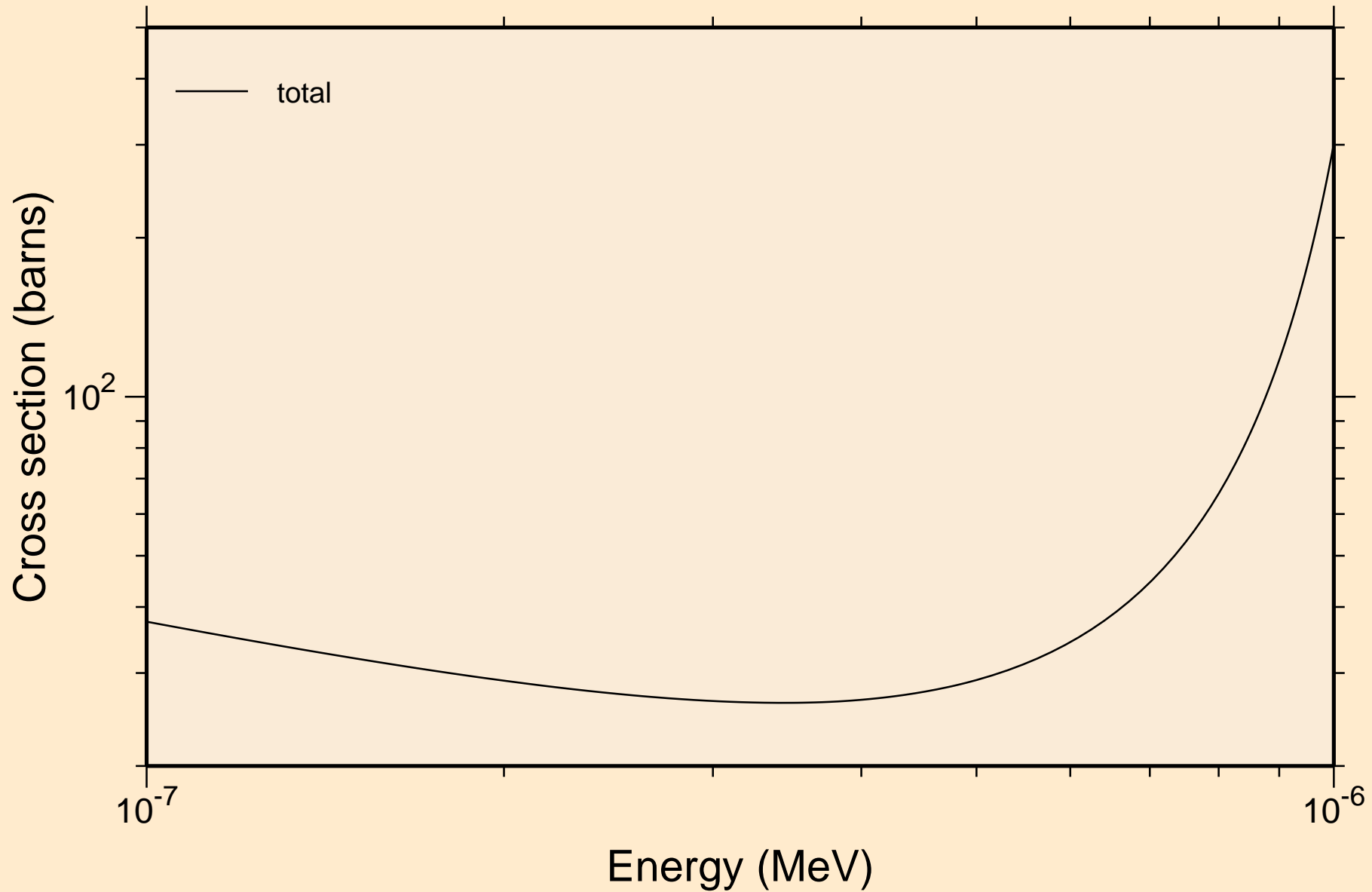


# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

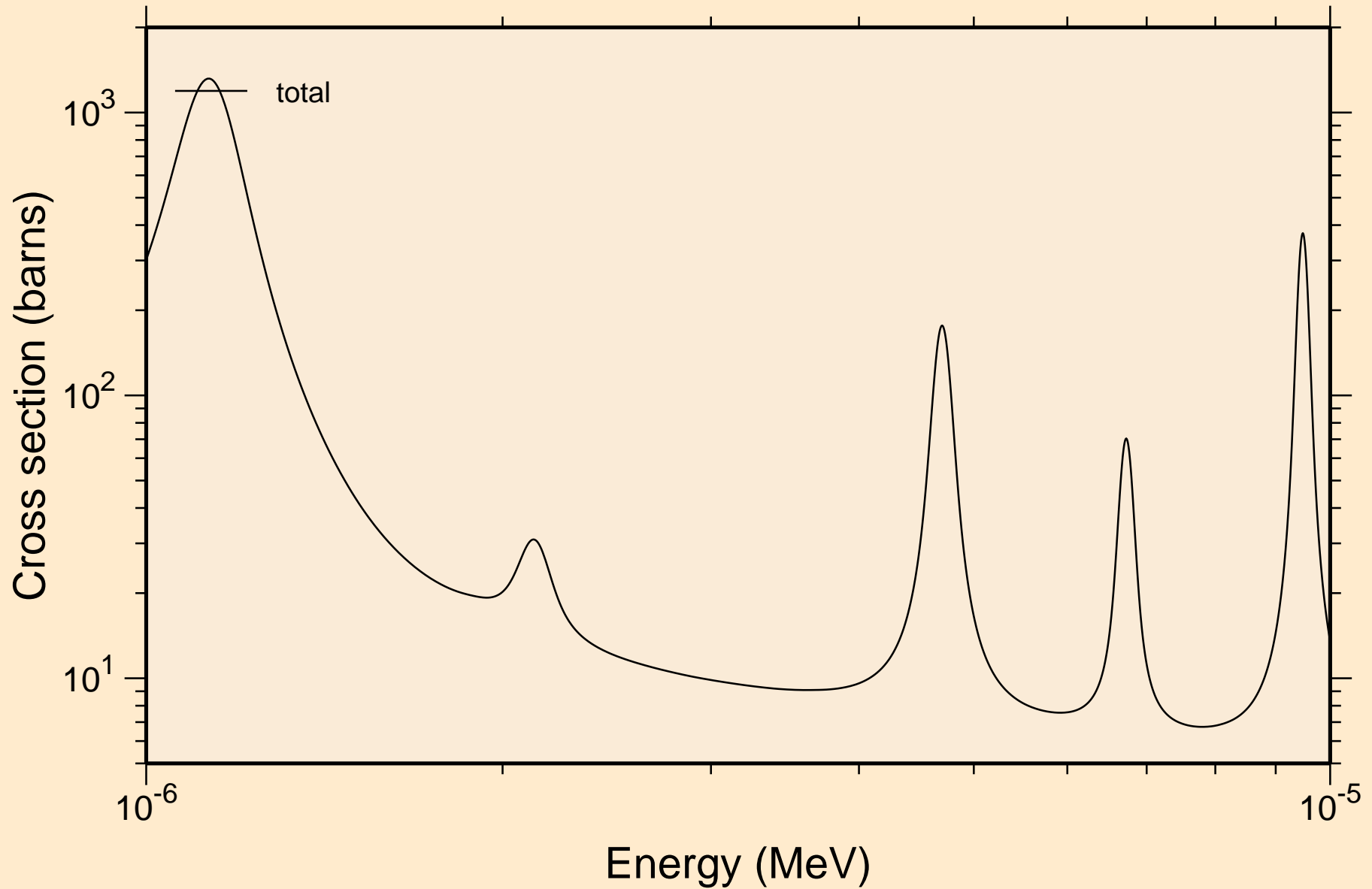
## Principal cross sections



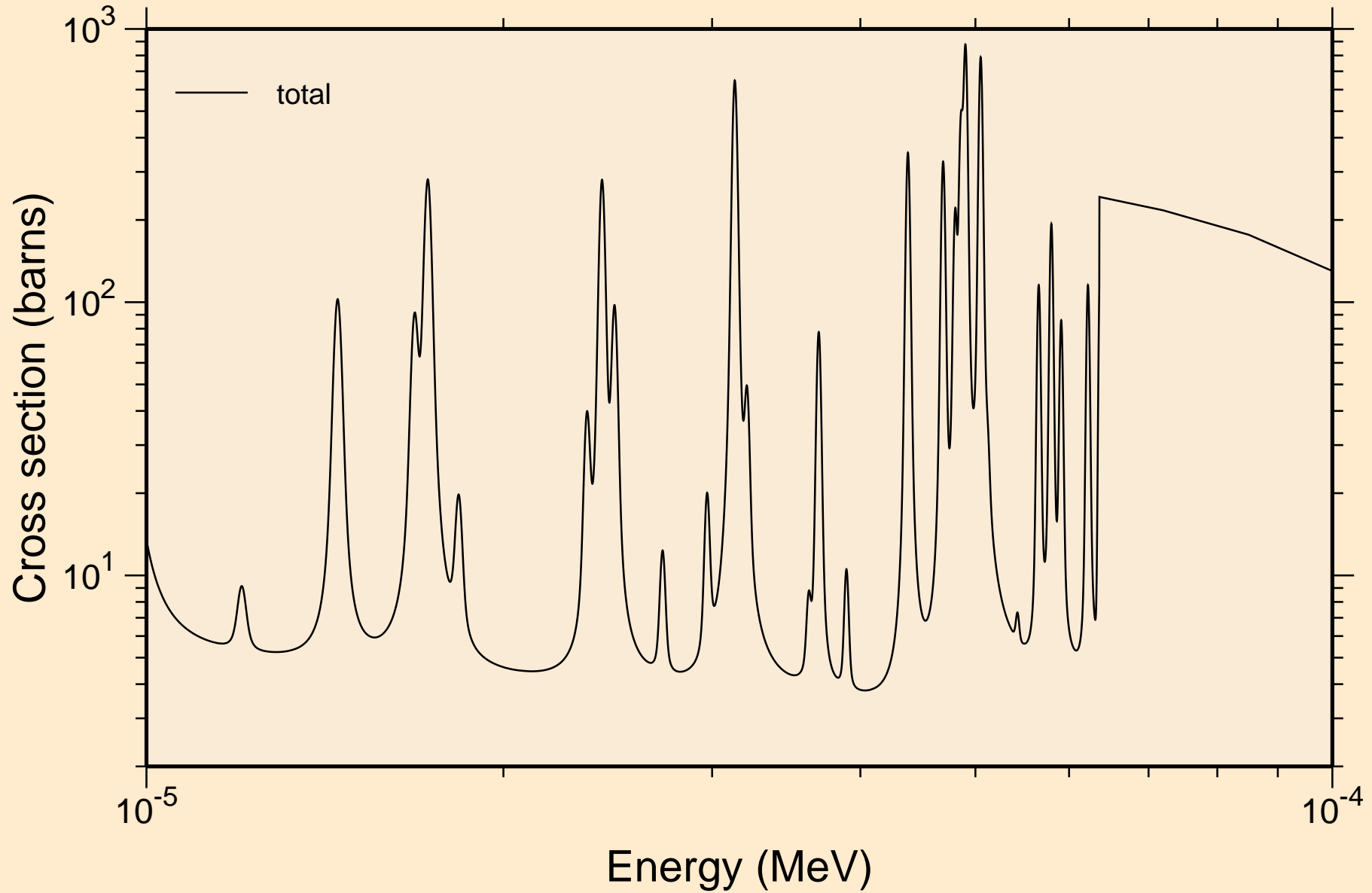
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



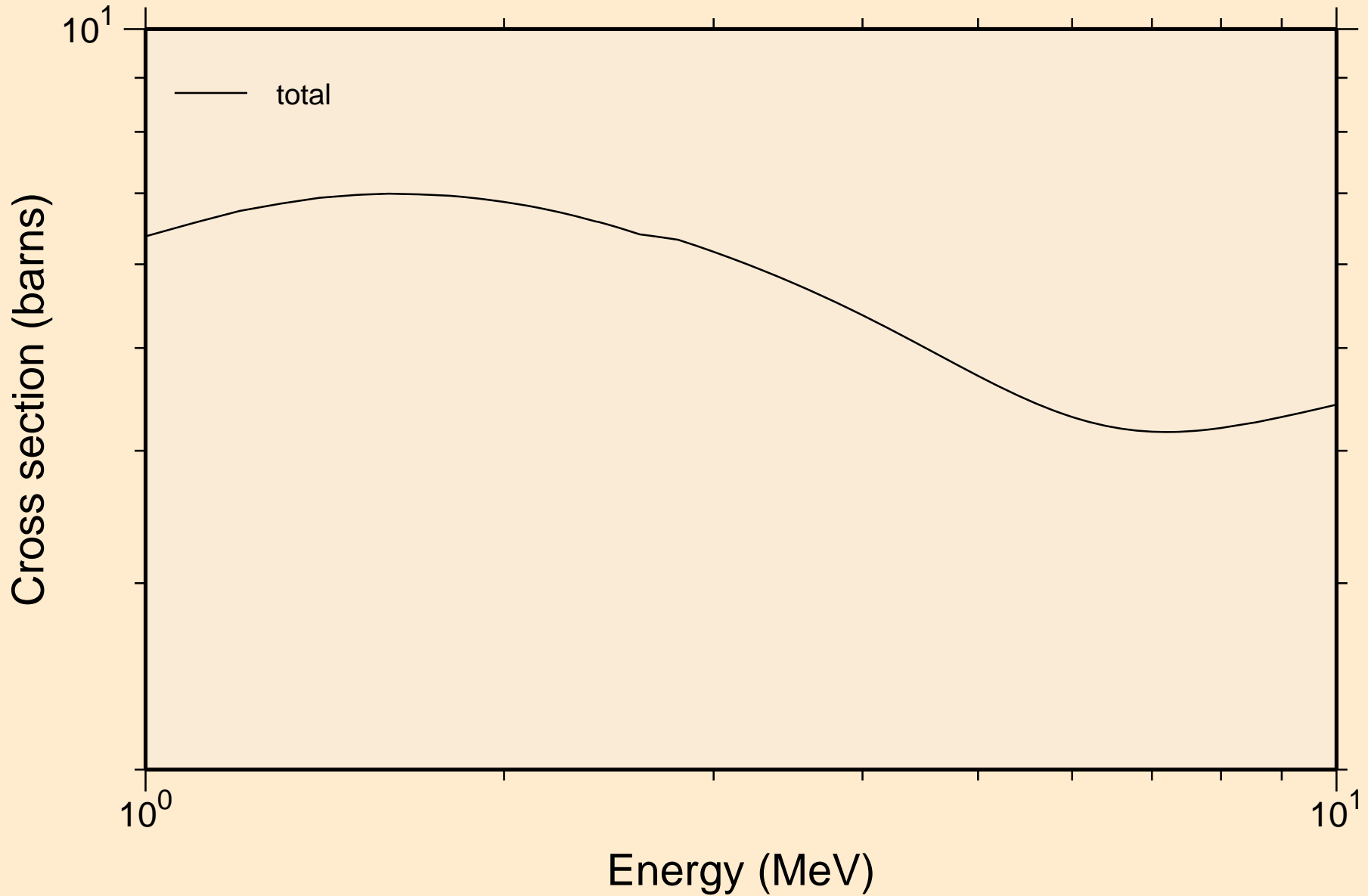
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



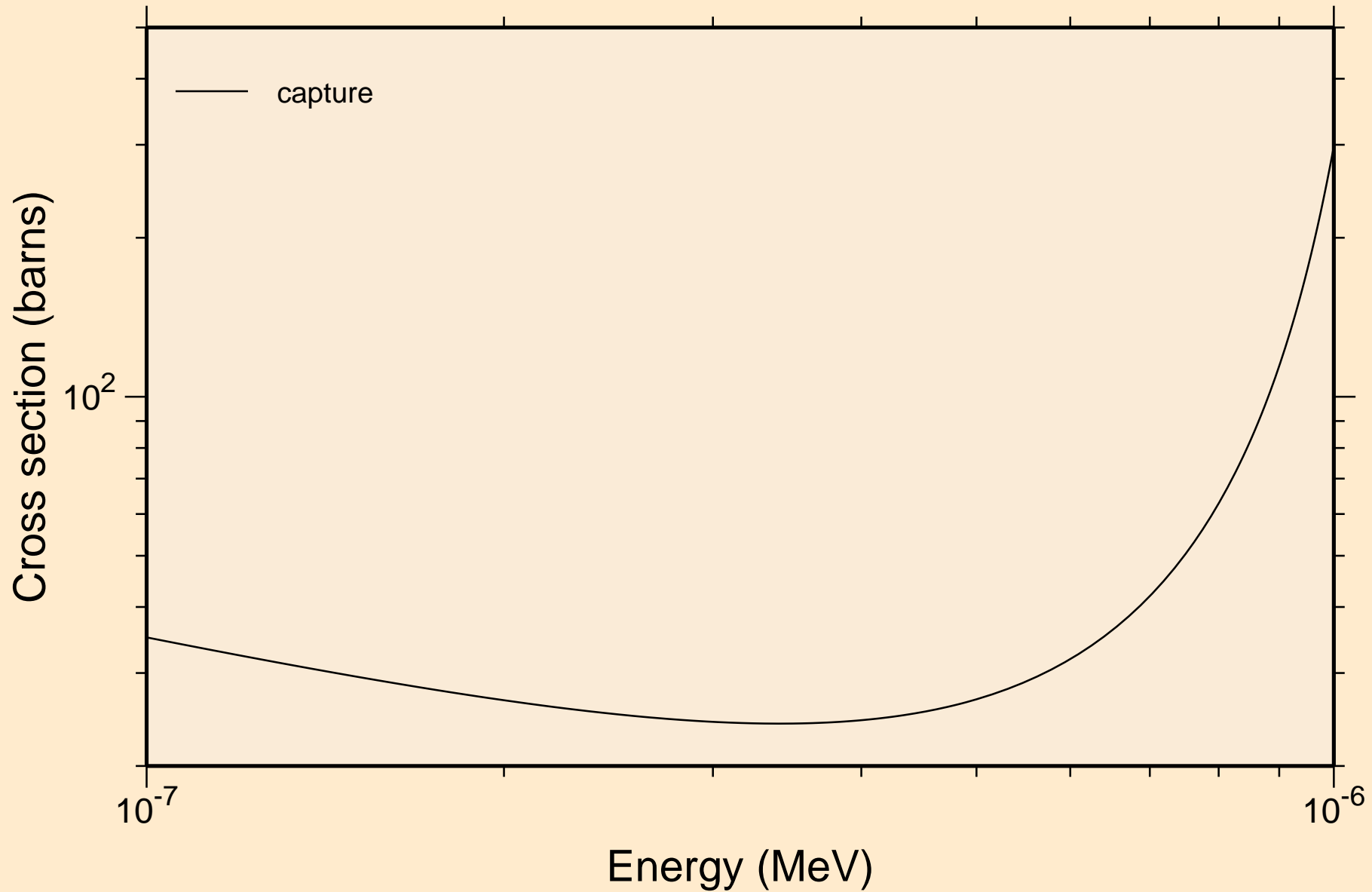
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



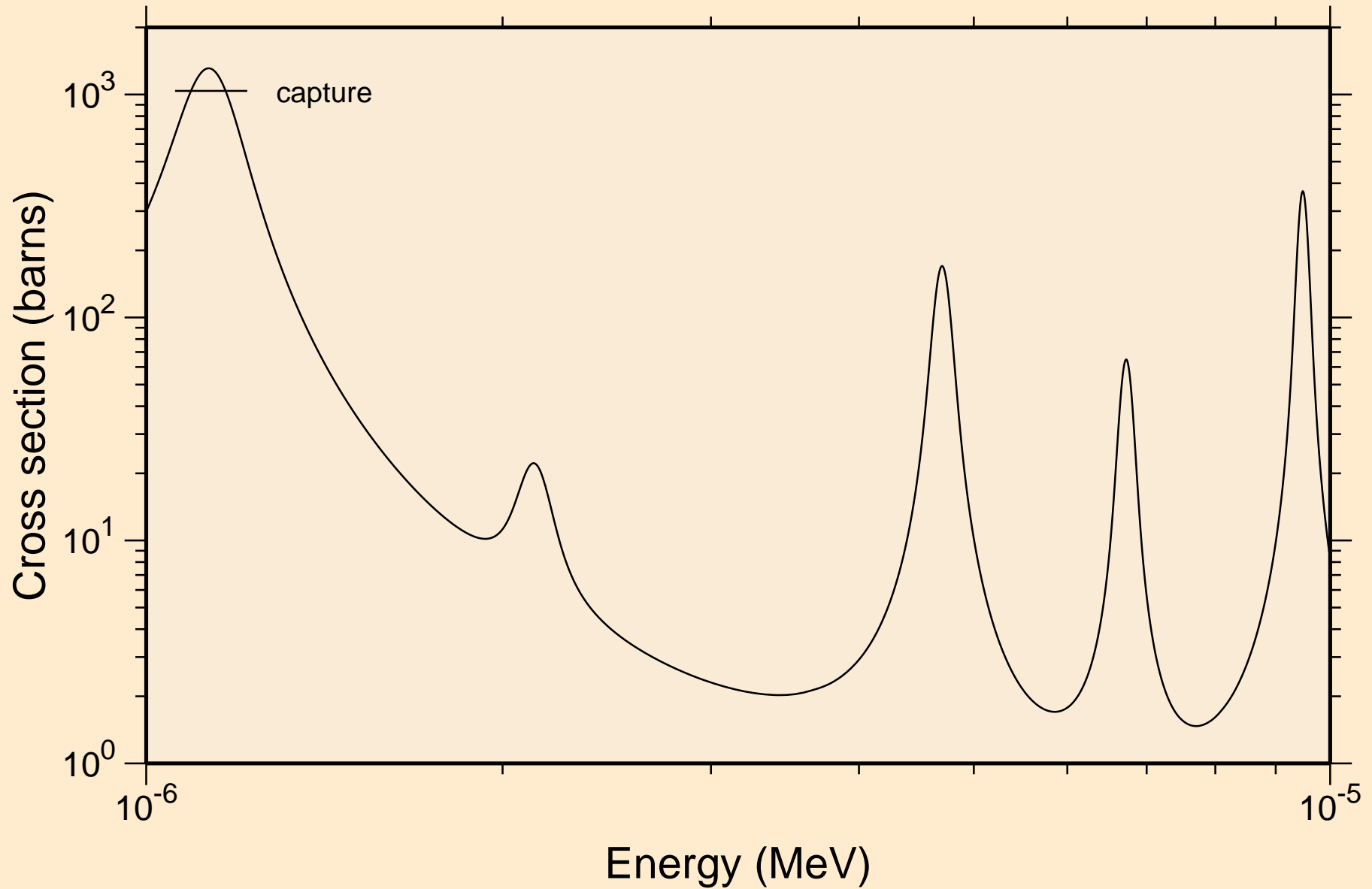
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance total cross section



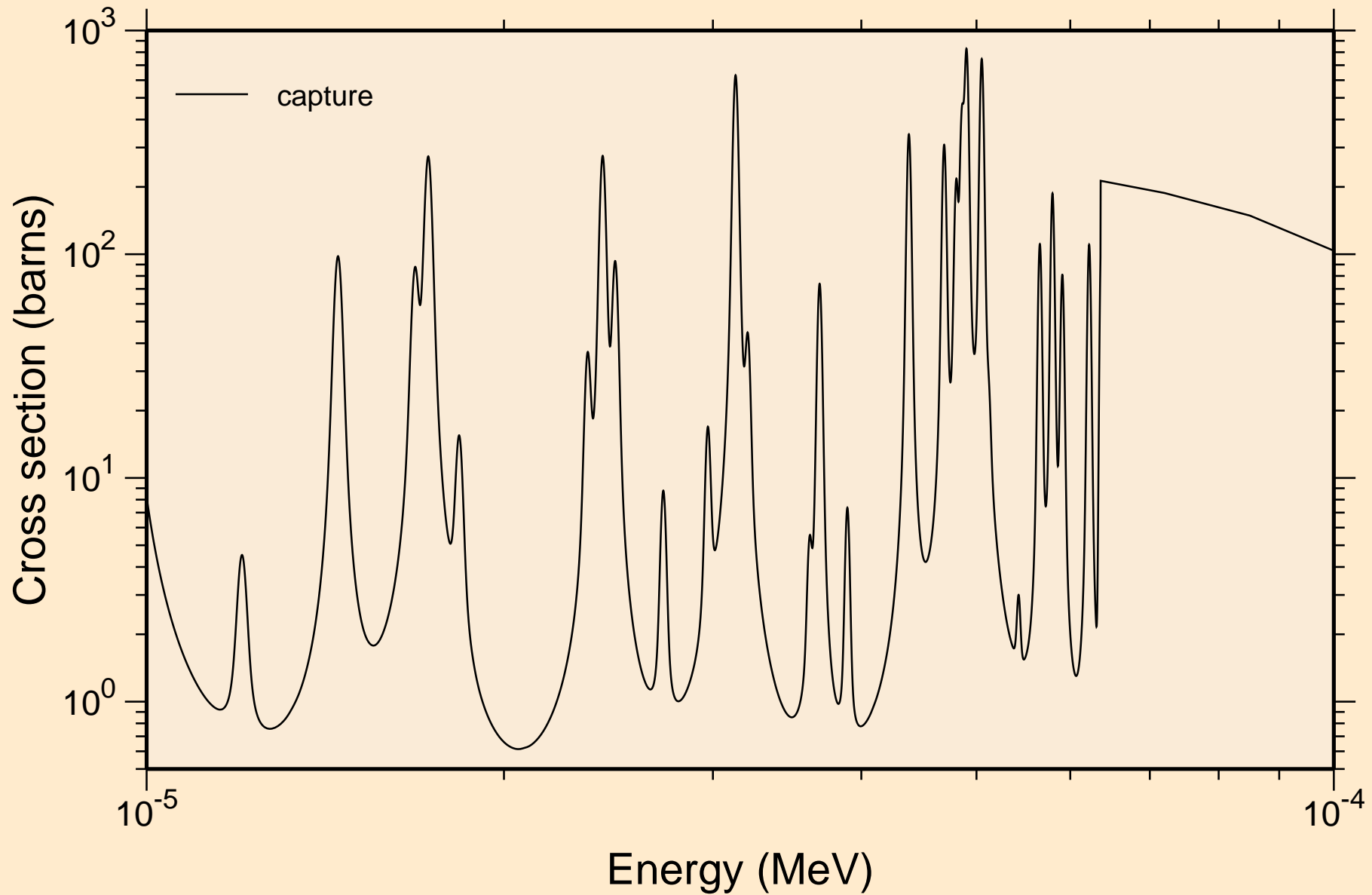
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

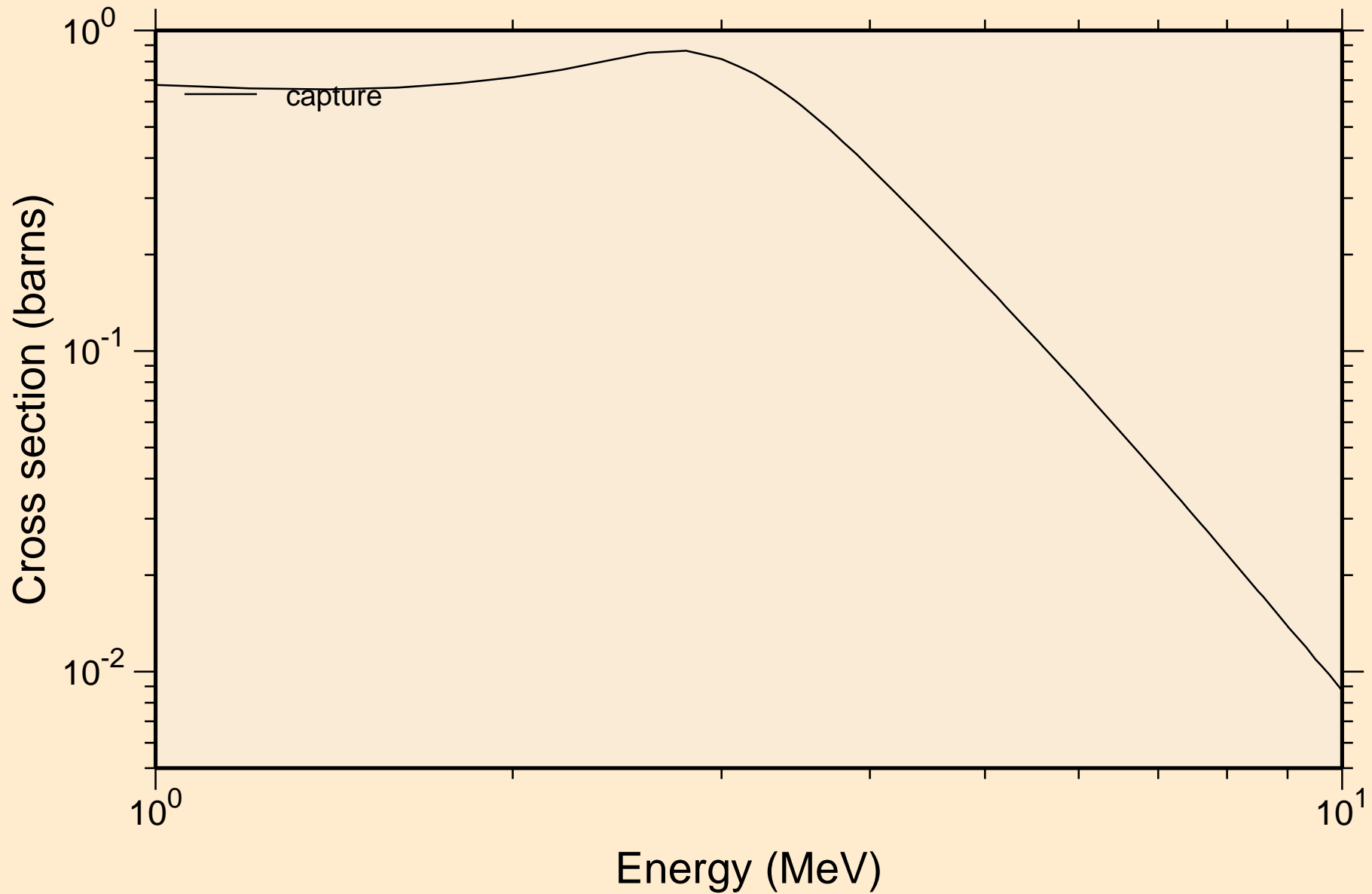


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

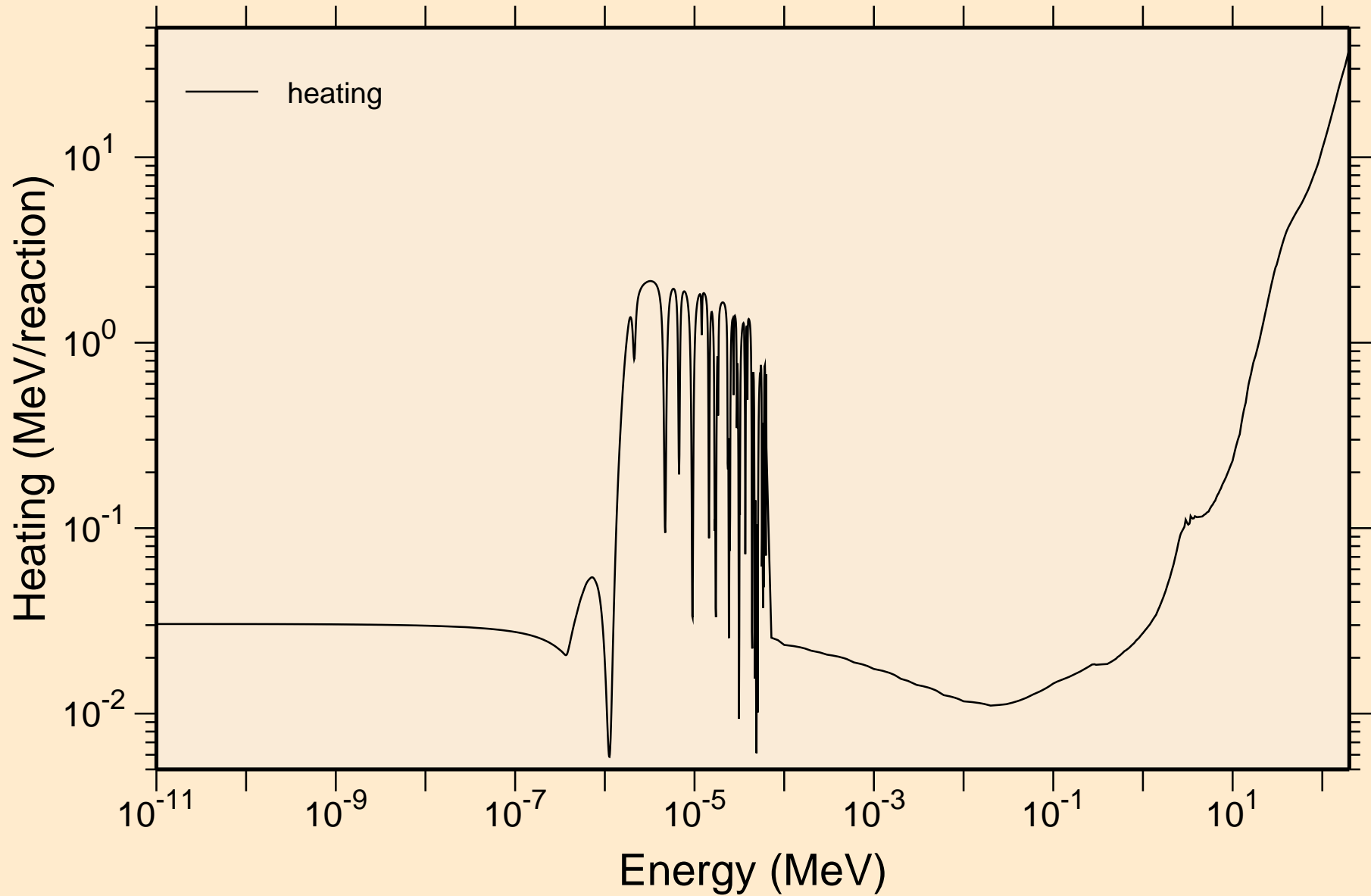




ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
resonance absorption cross sections

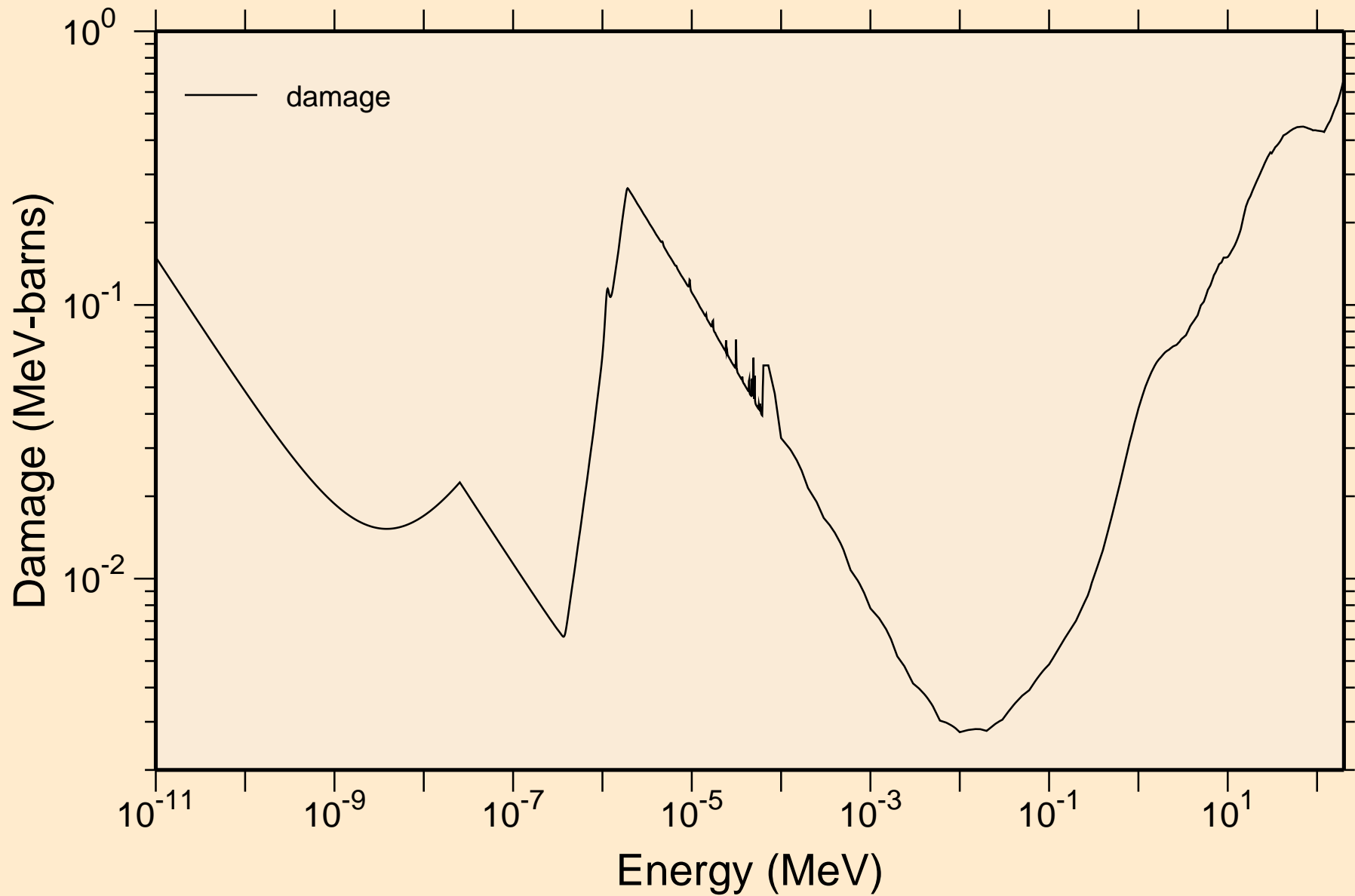


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating

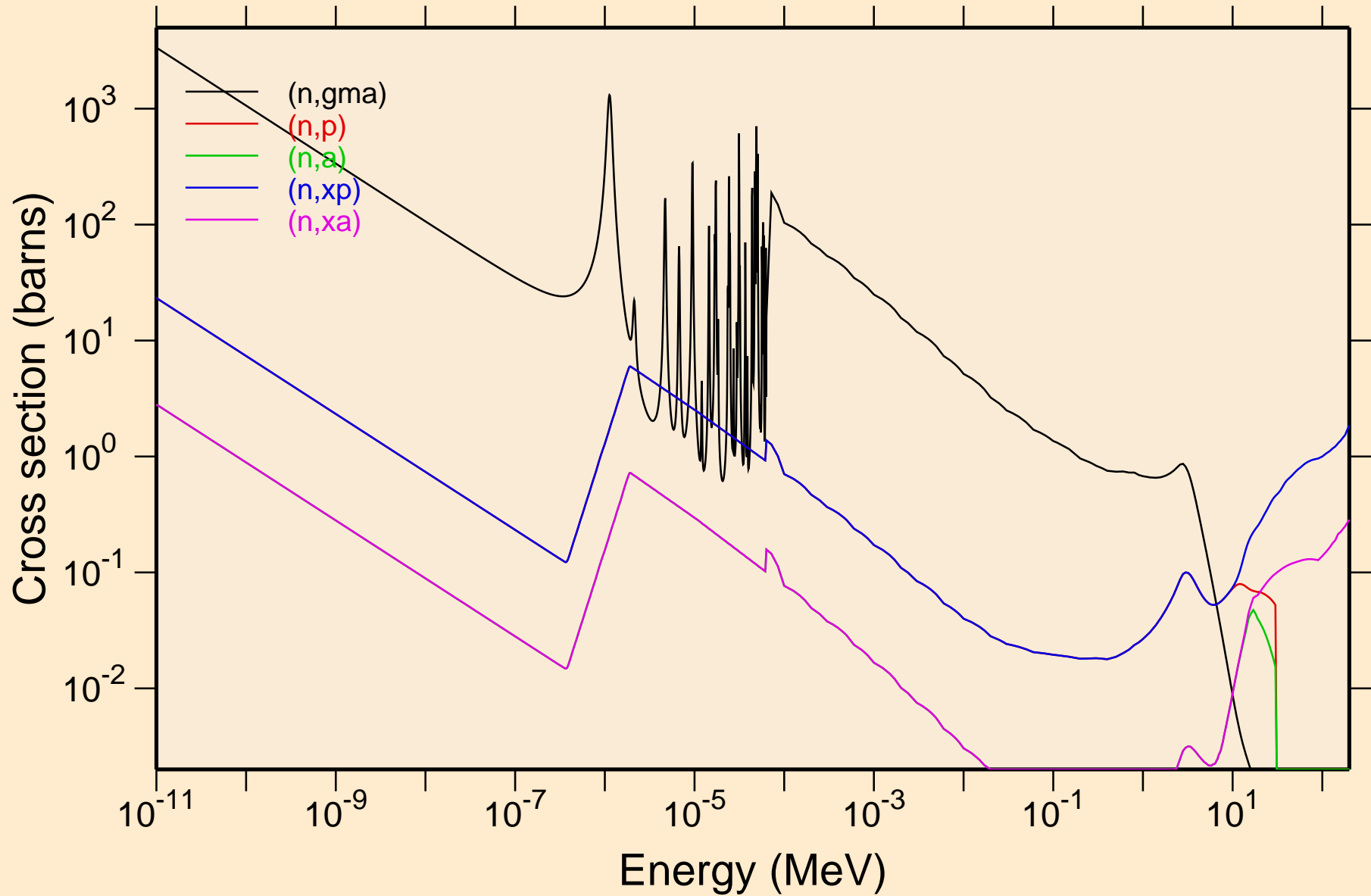


# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage

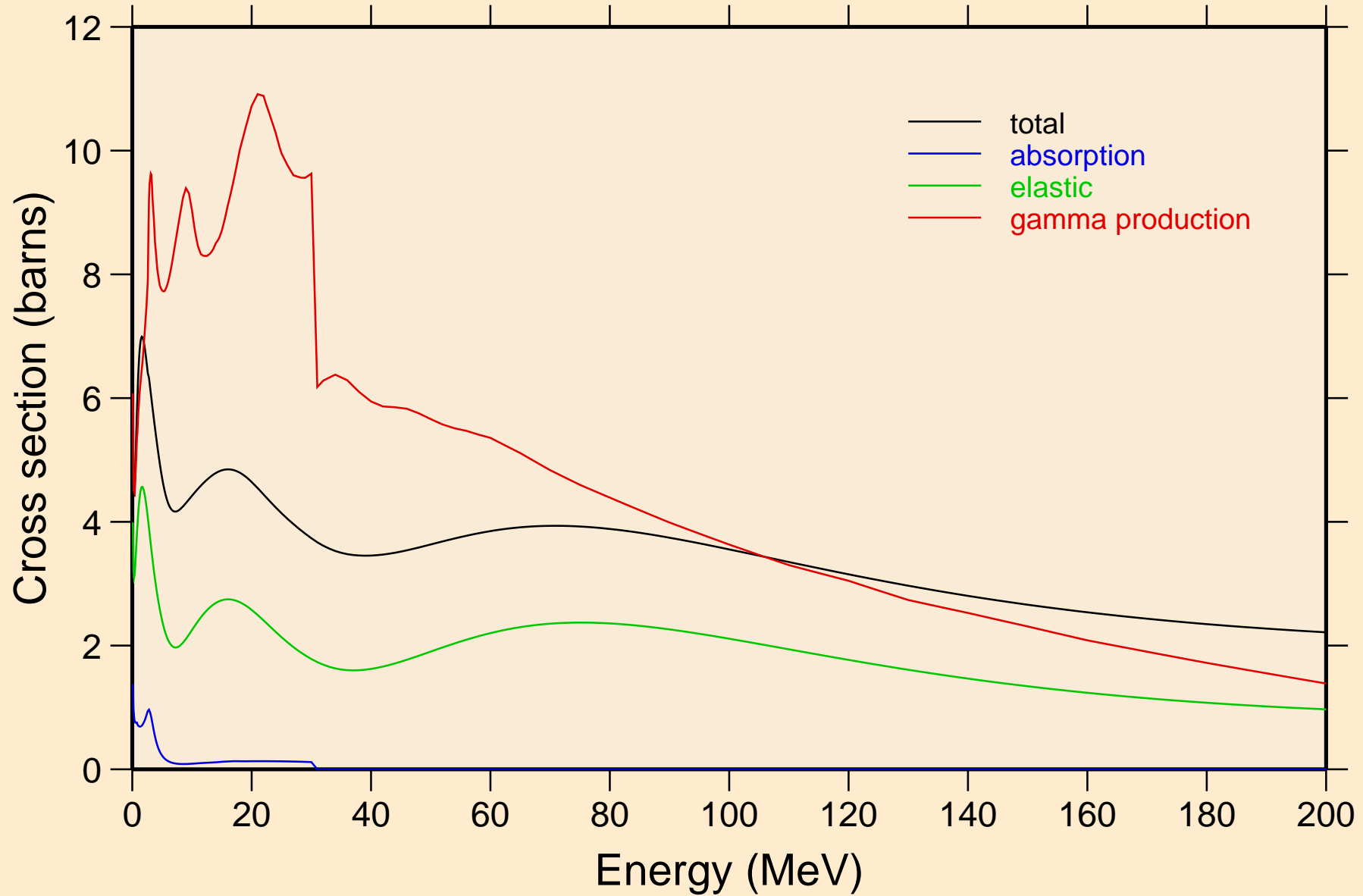


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Non-threshold reactions

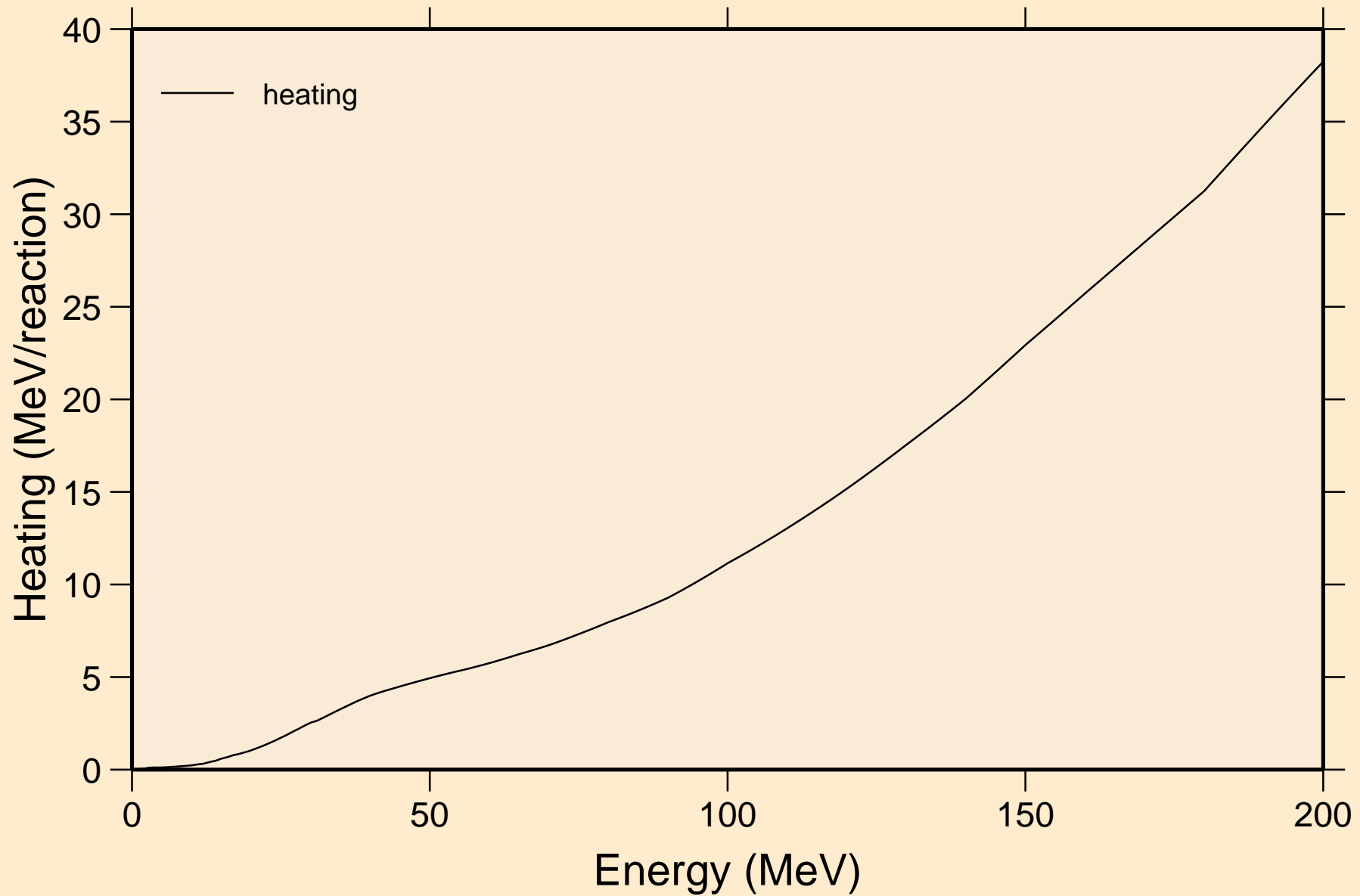


# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Principal cross sections

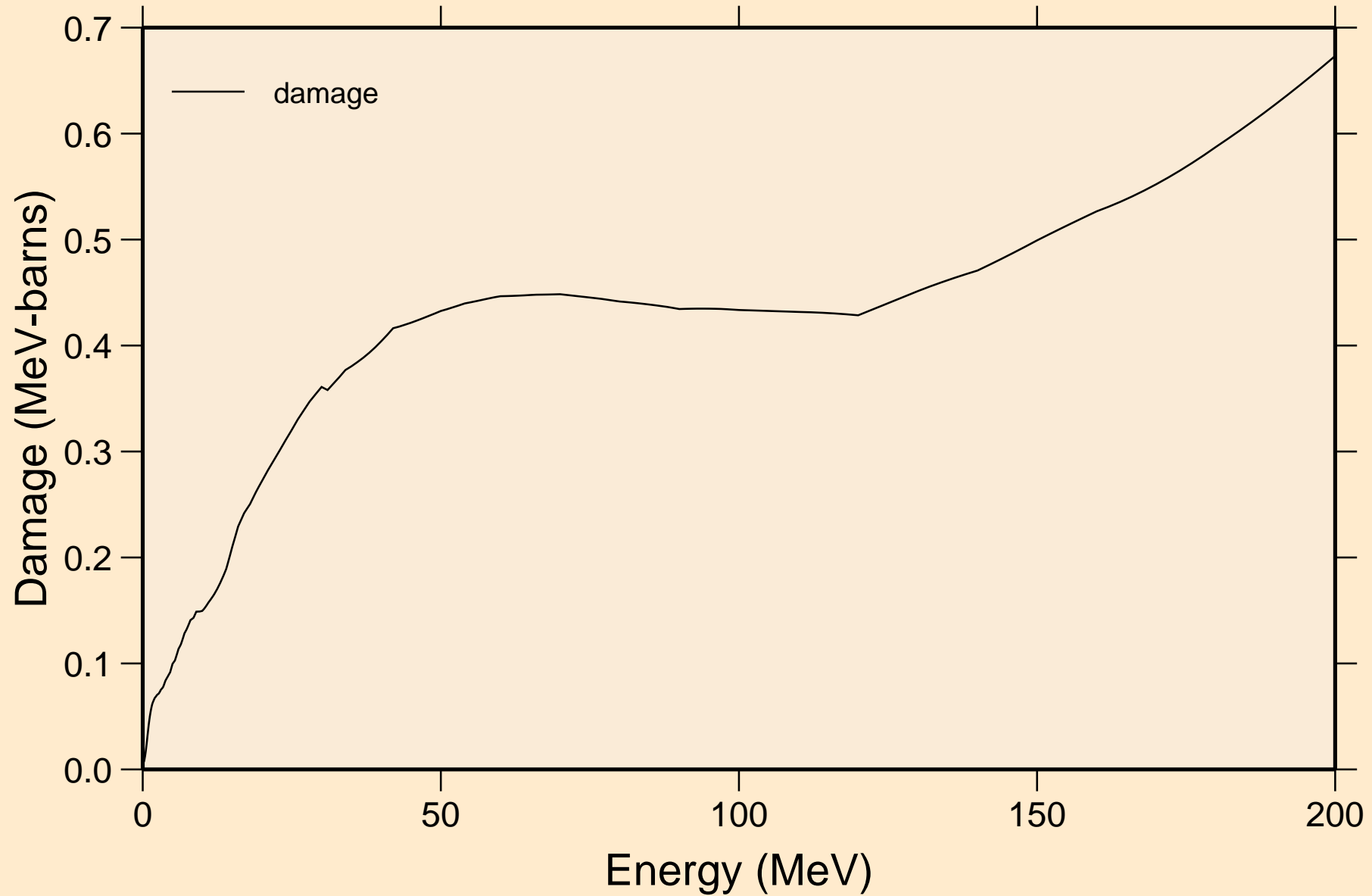


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Heating



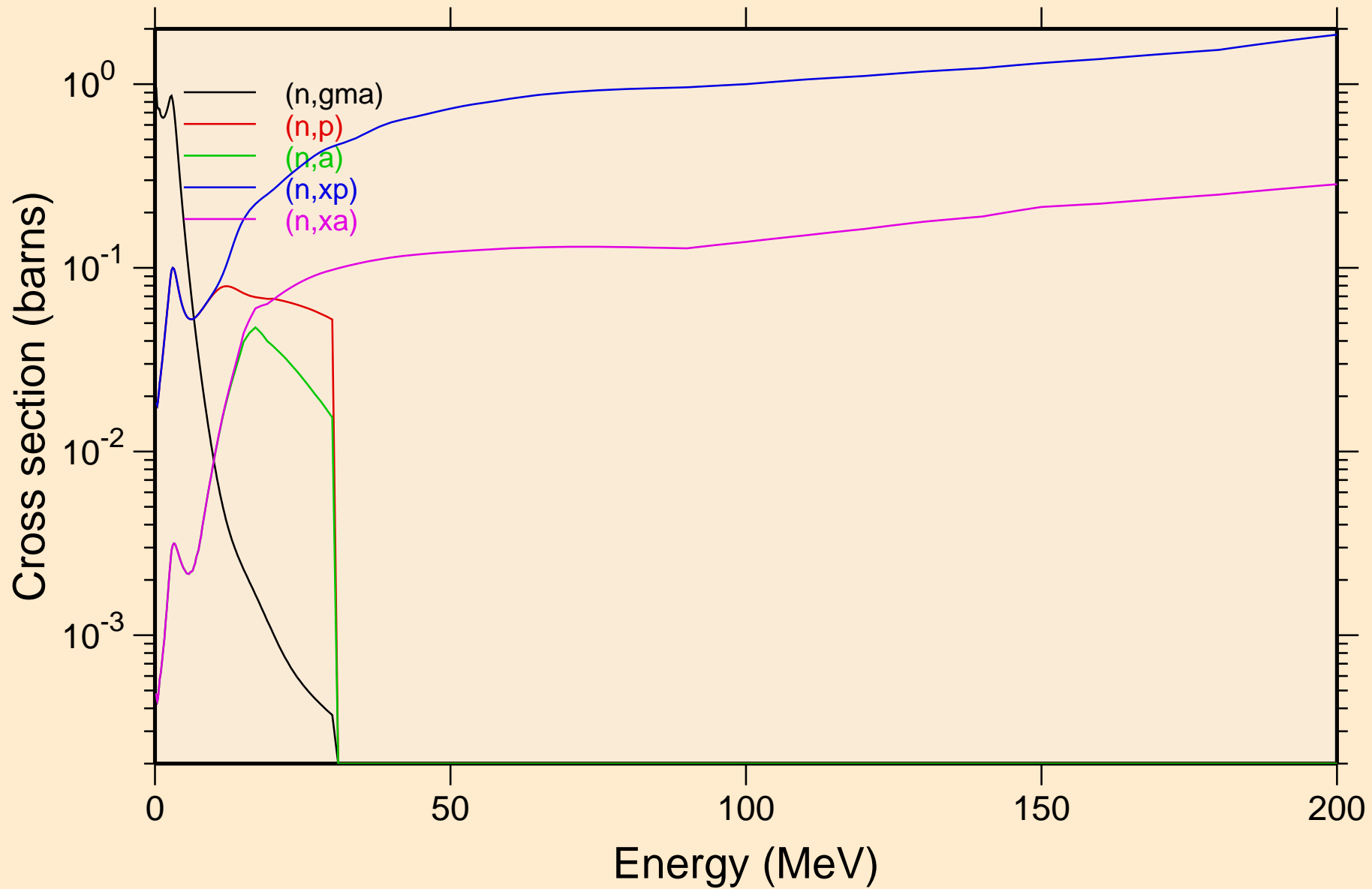
# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Damage



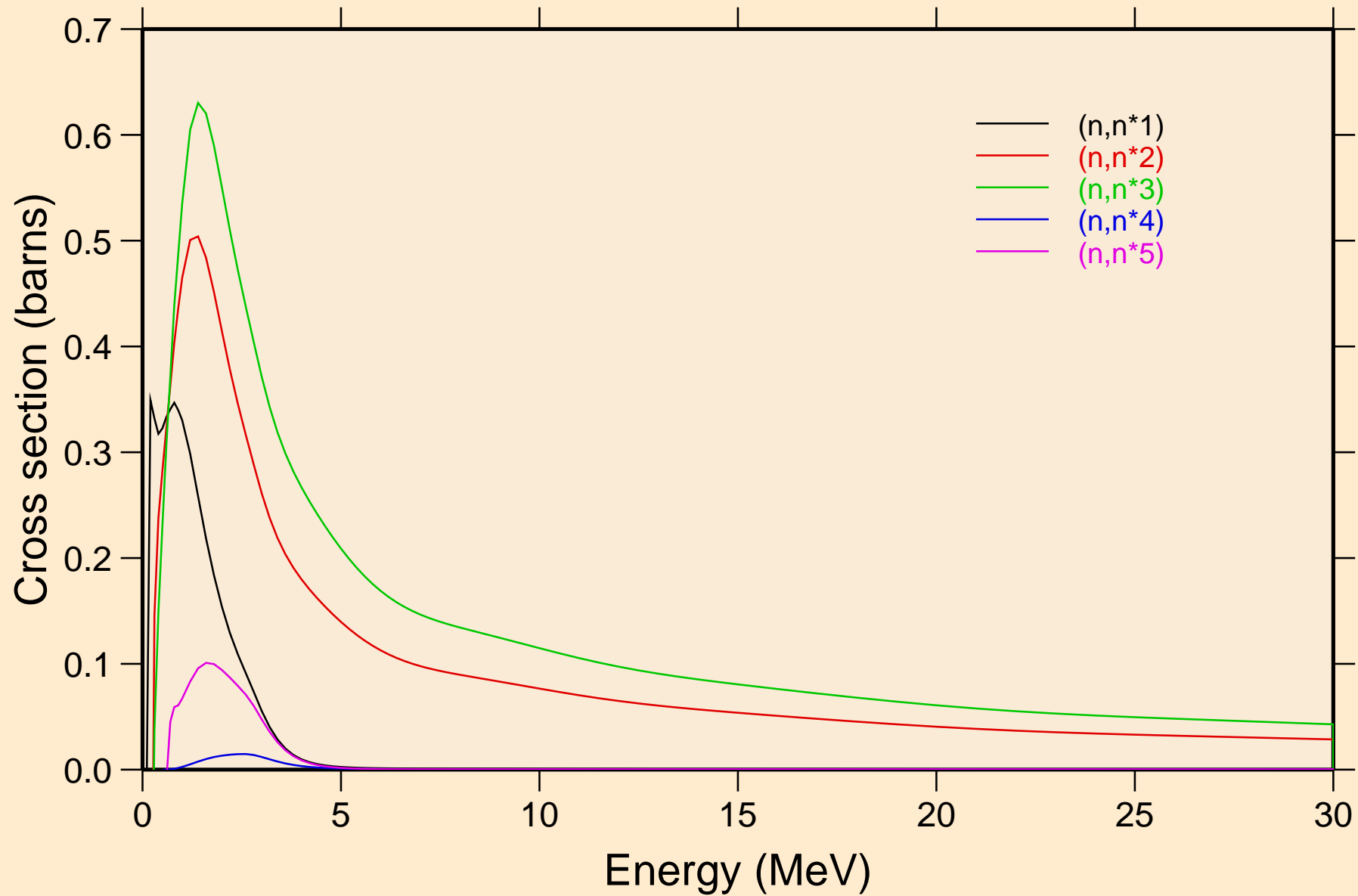
# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Non-threshold reactions



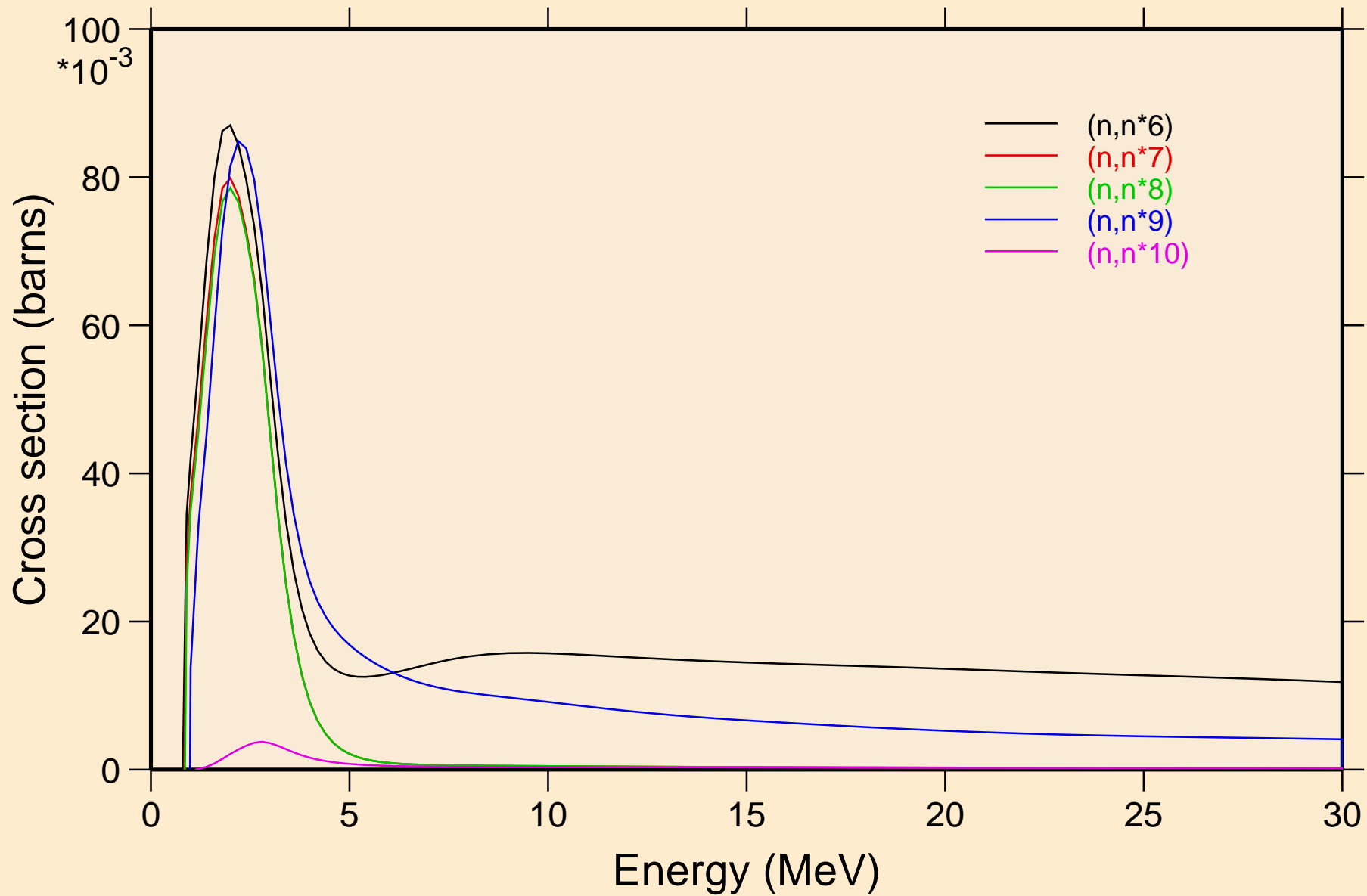


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



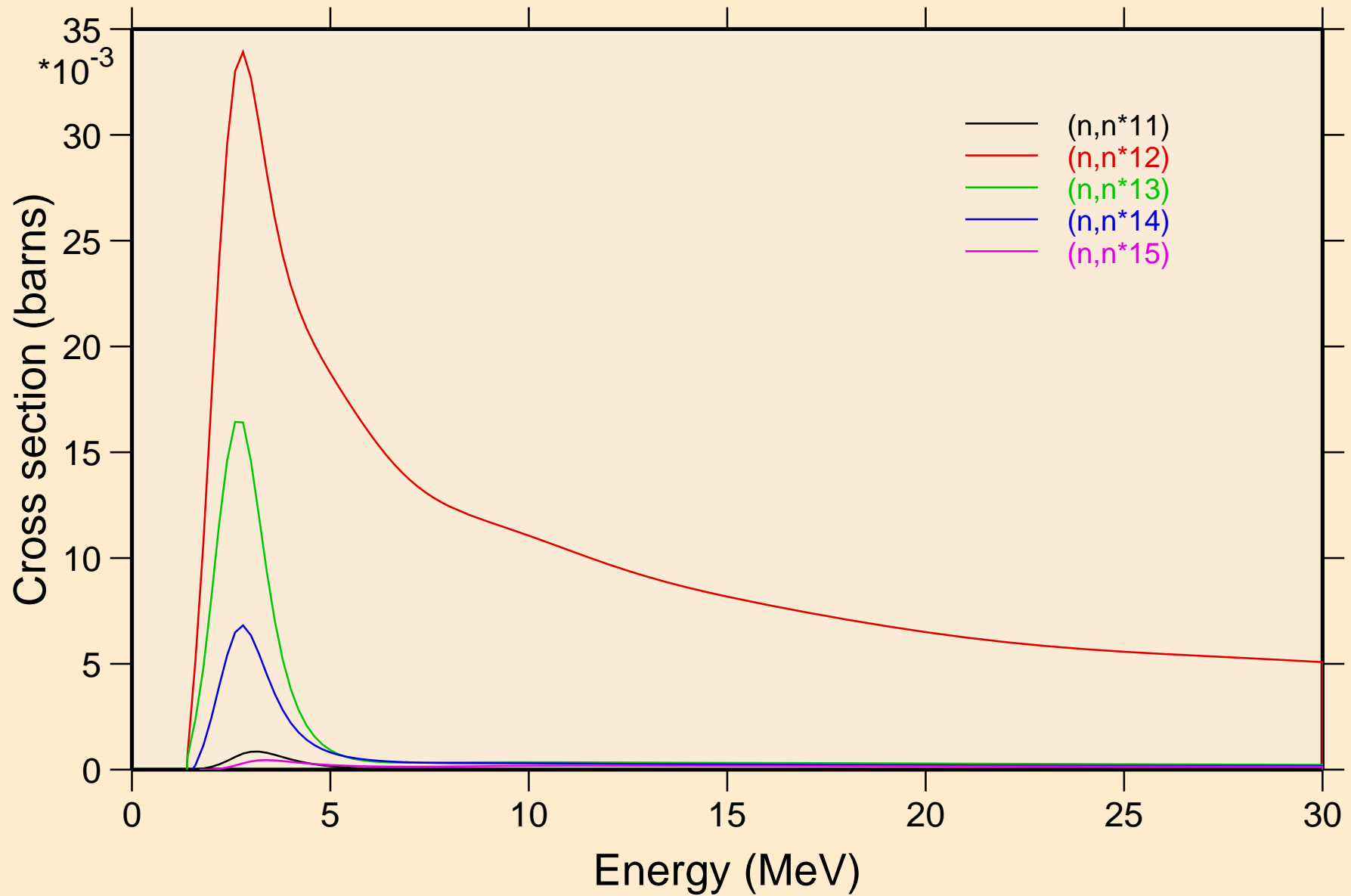
# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Inelastic levels

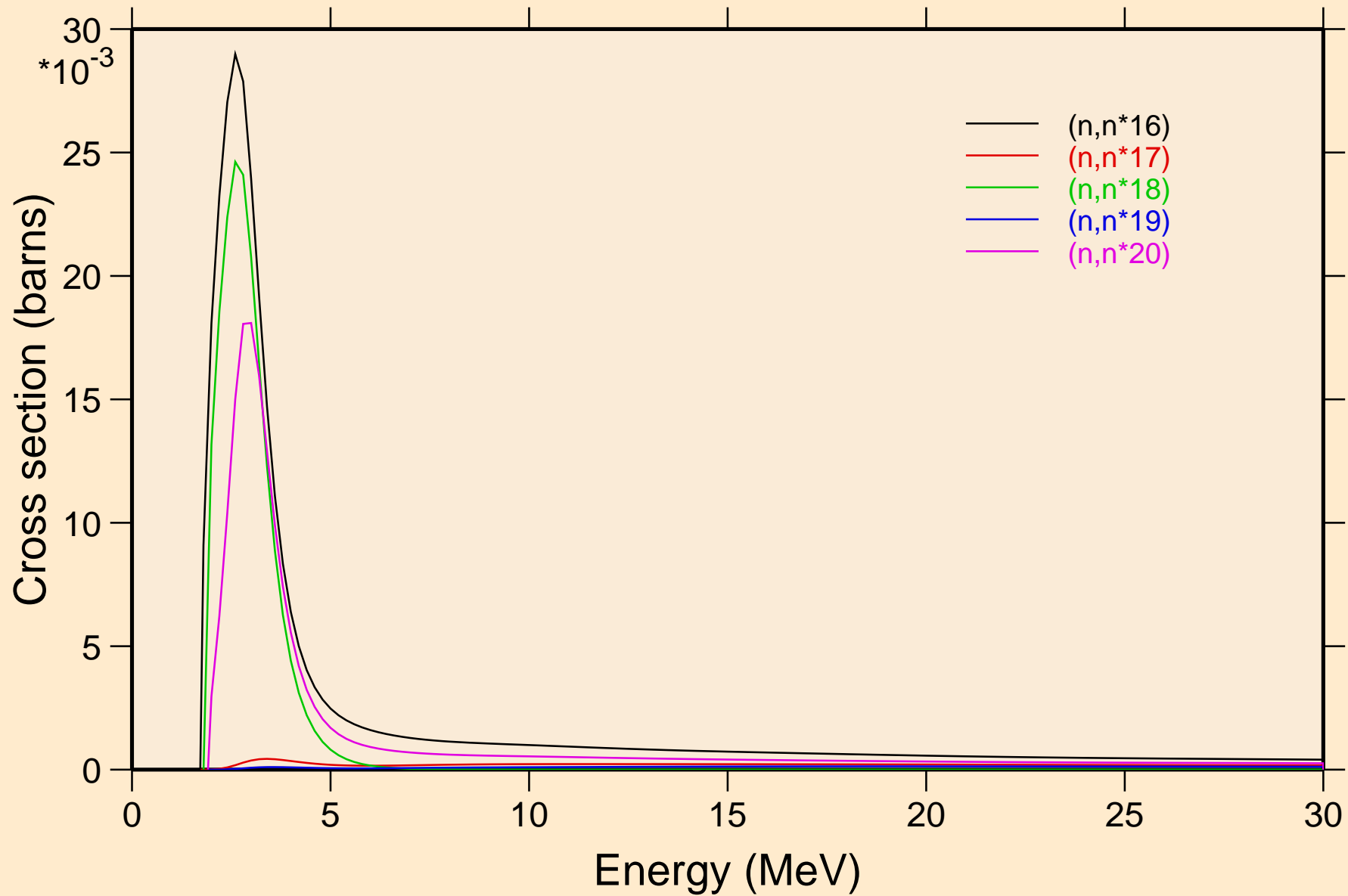


# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

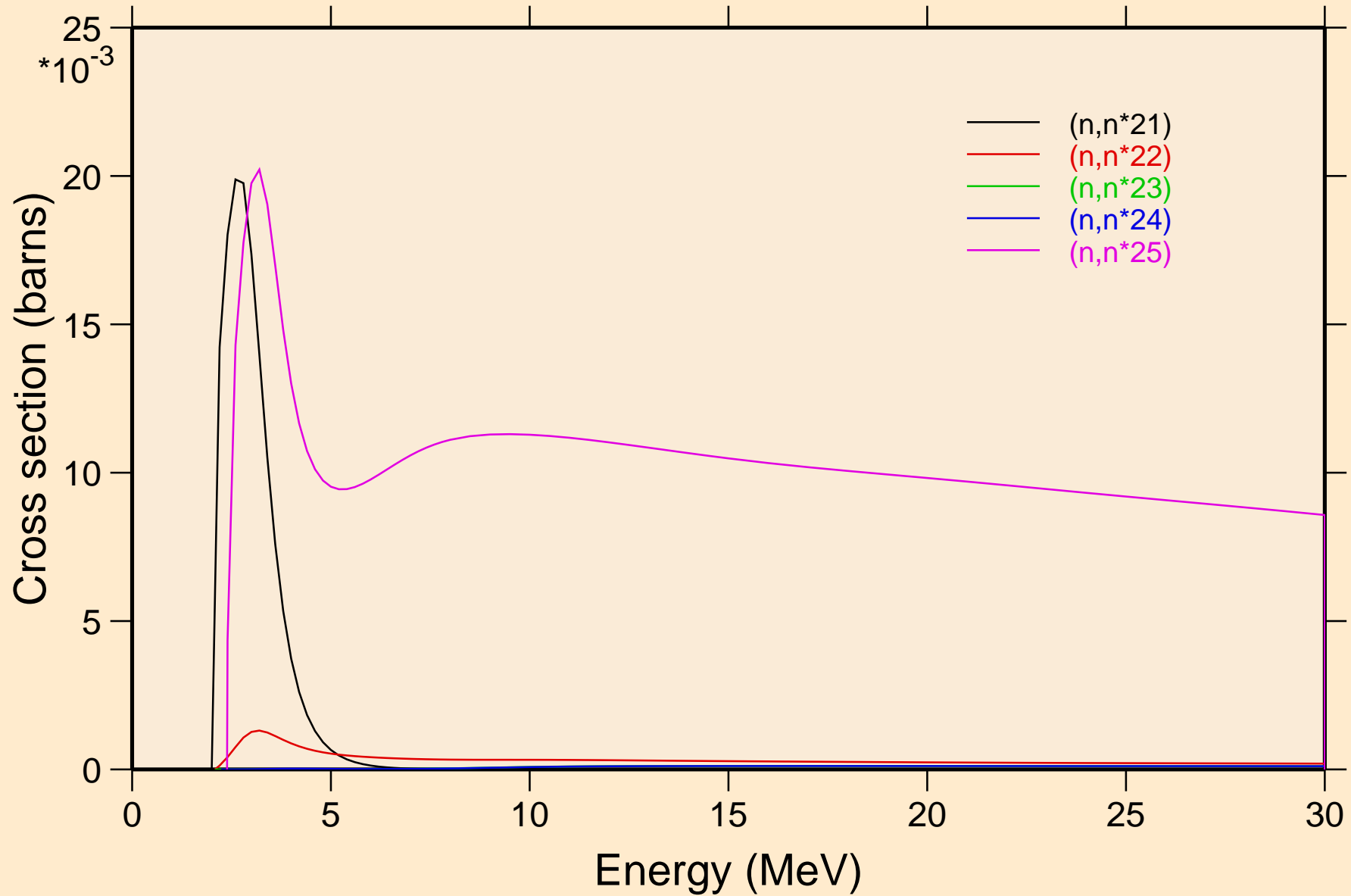
## Inelastic levels



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels

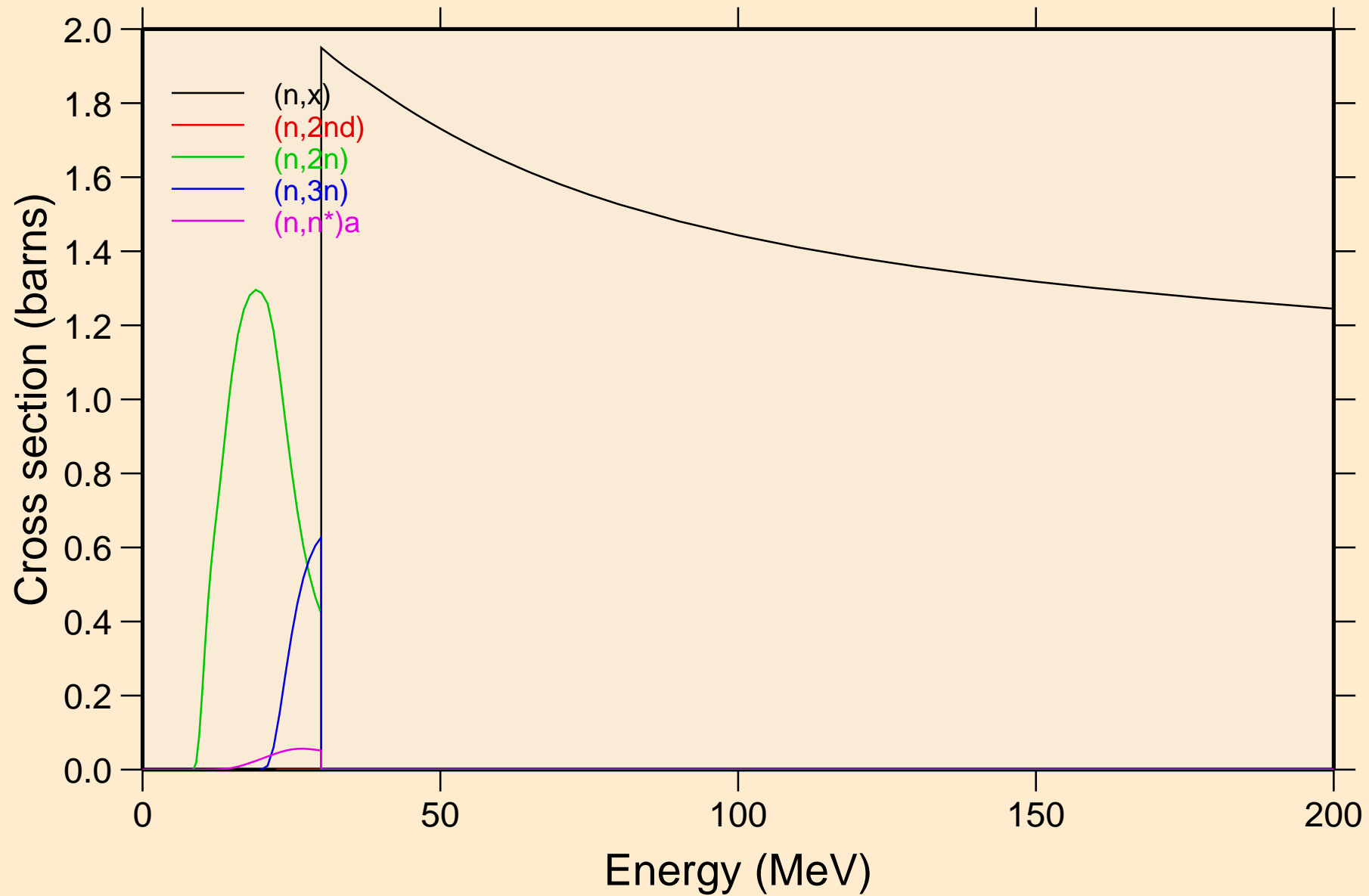


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Inelastic levels



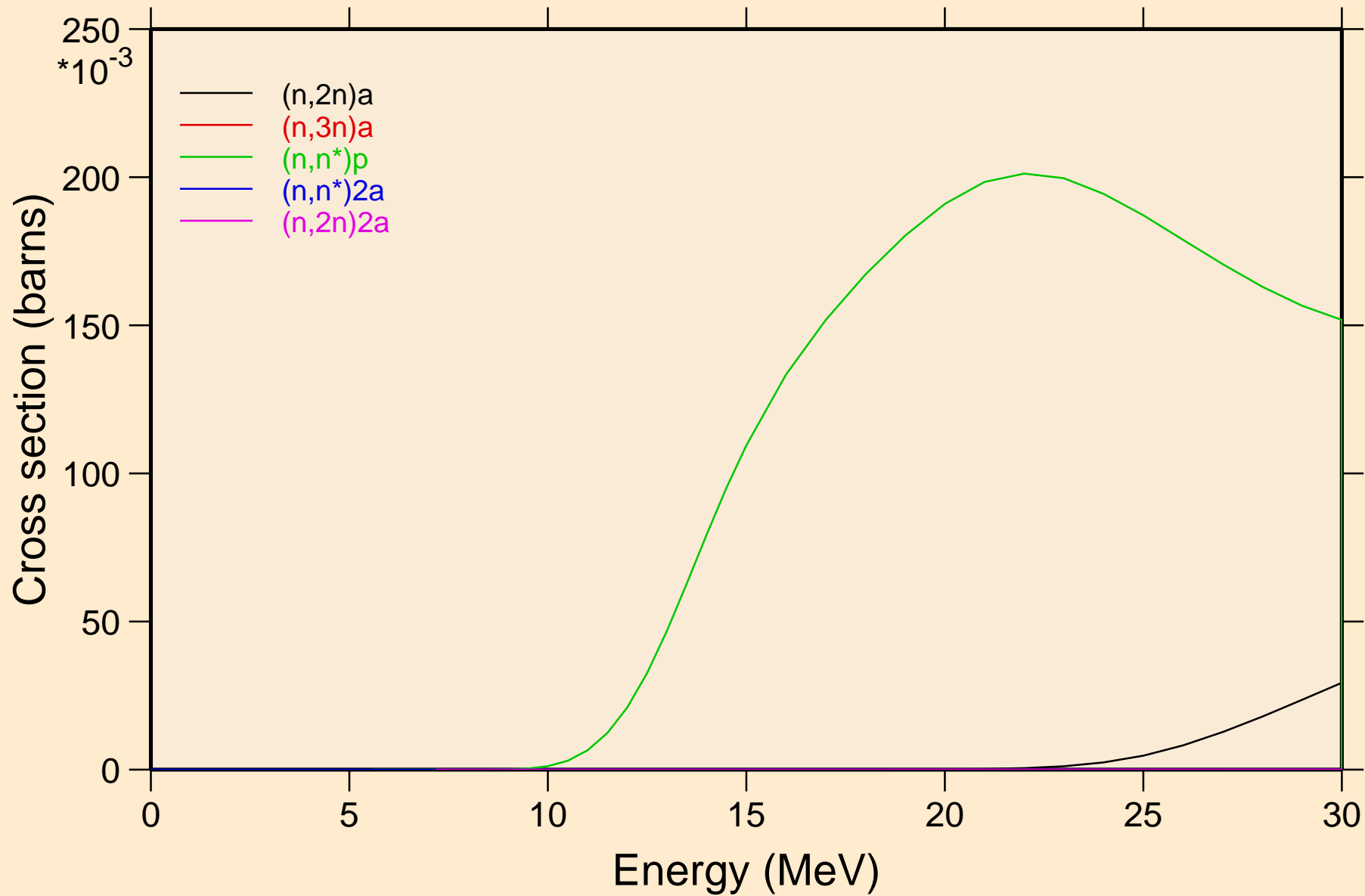
# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



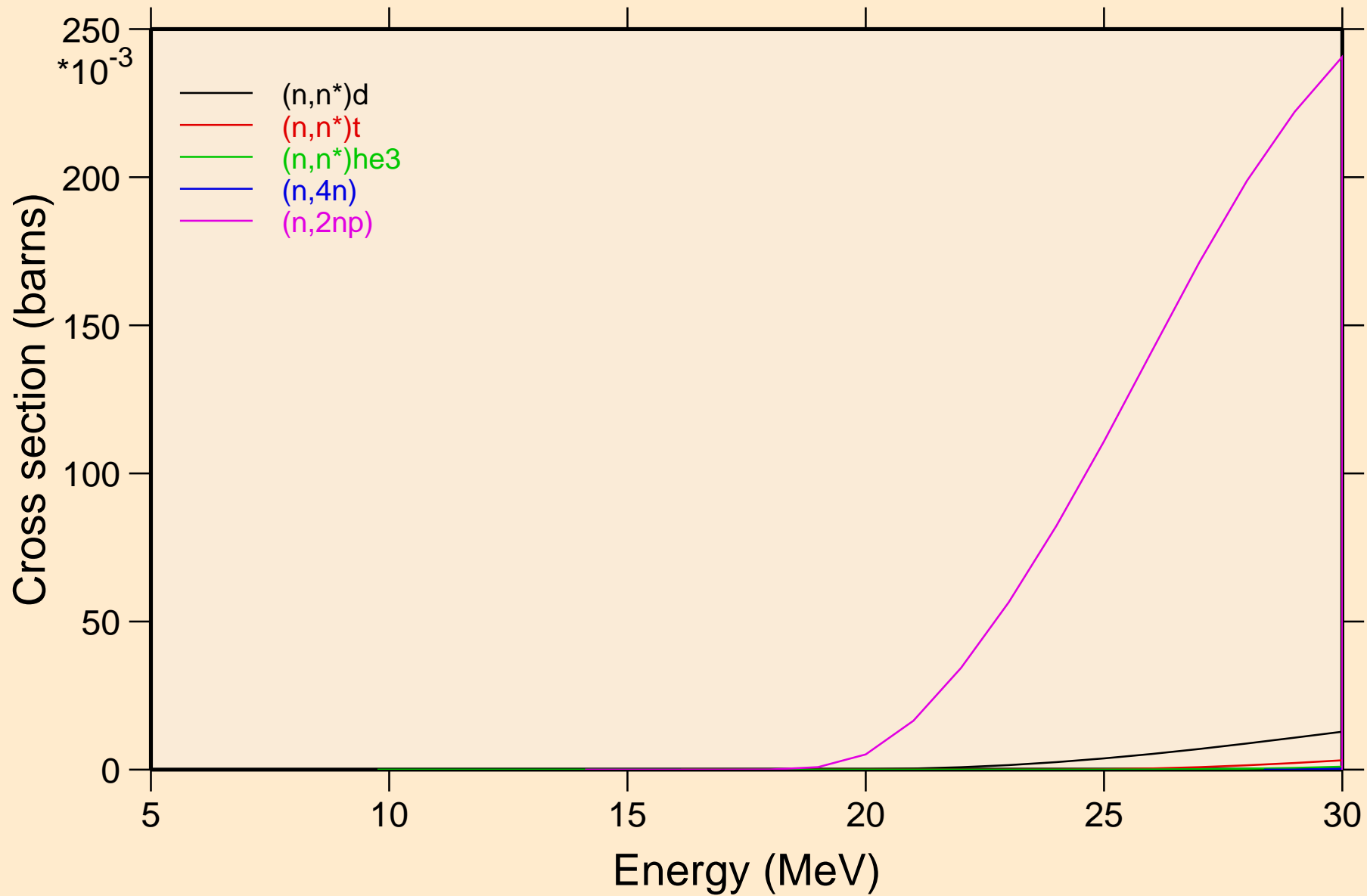
# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



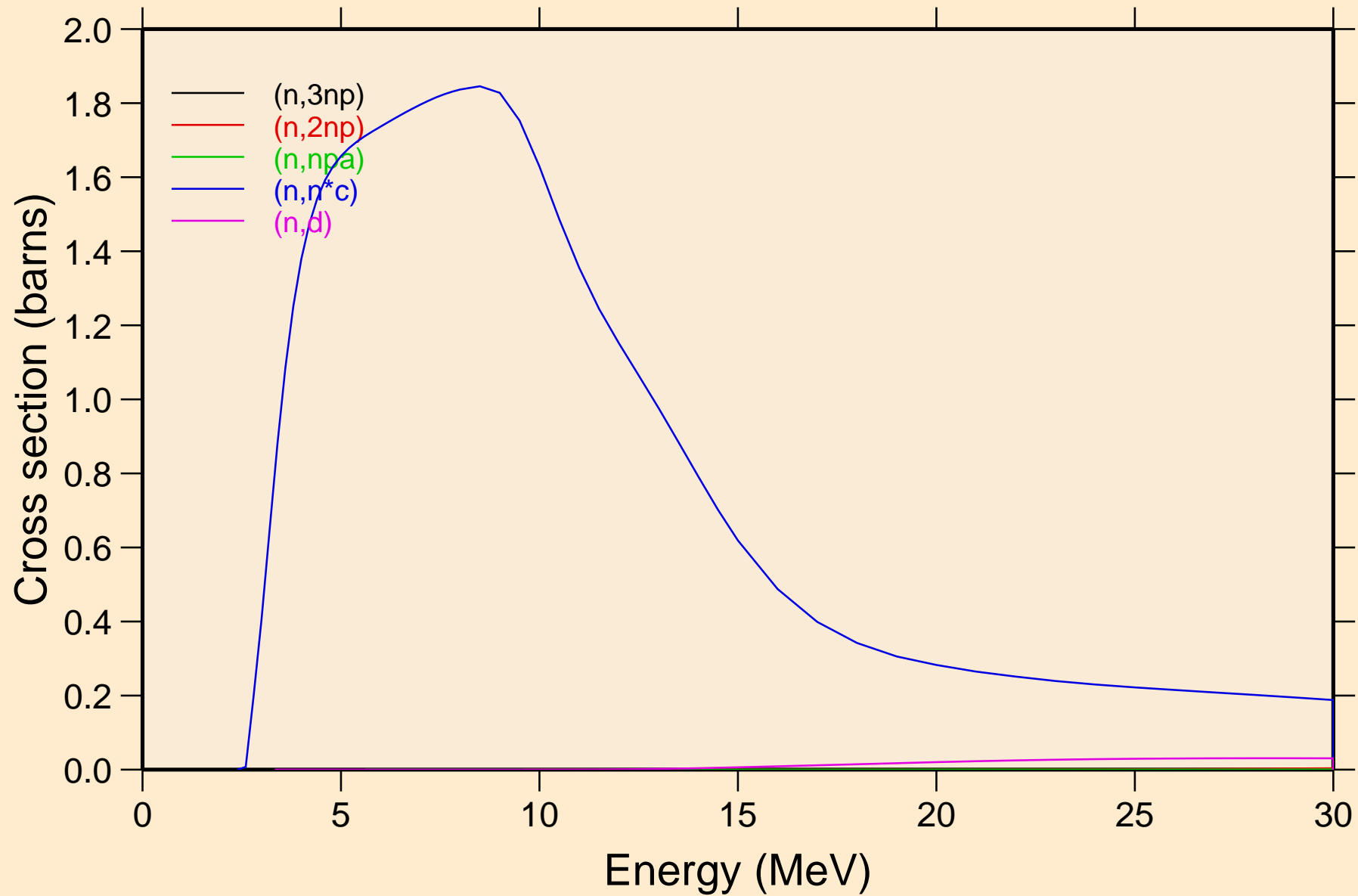
# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions



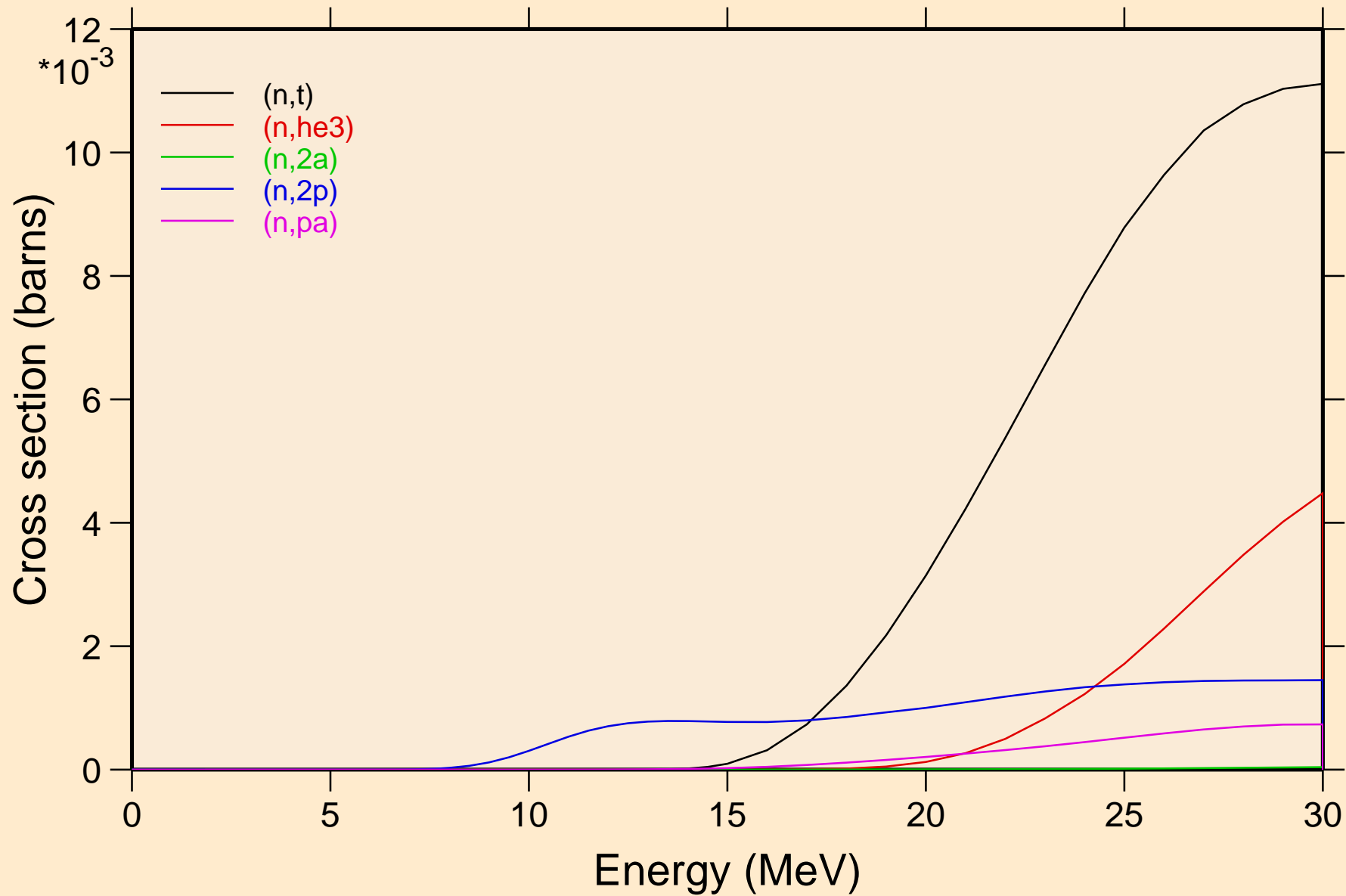


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

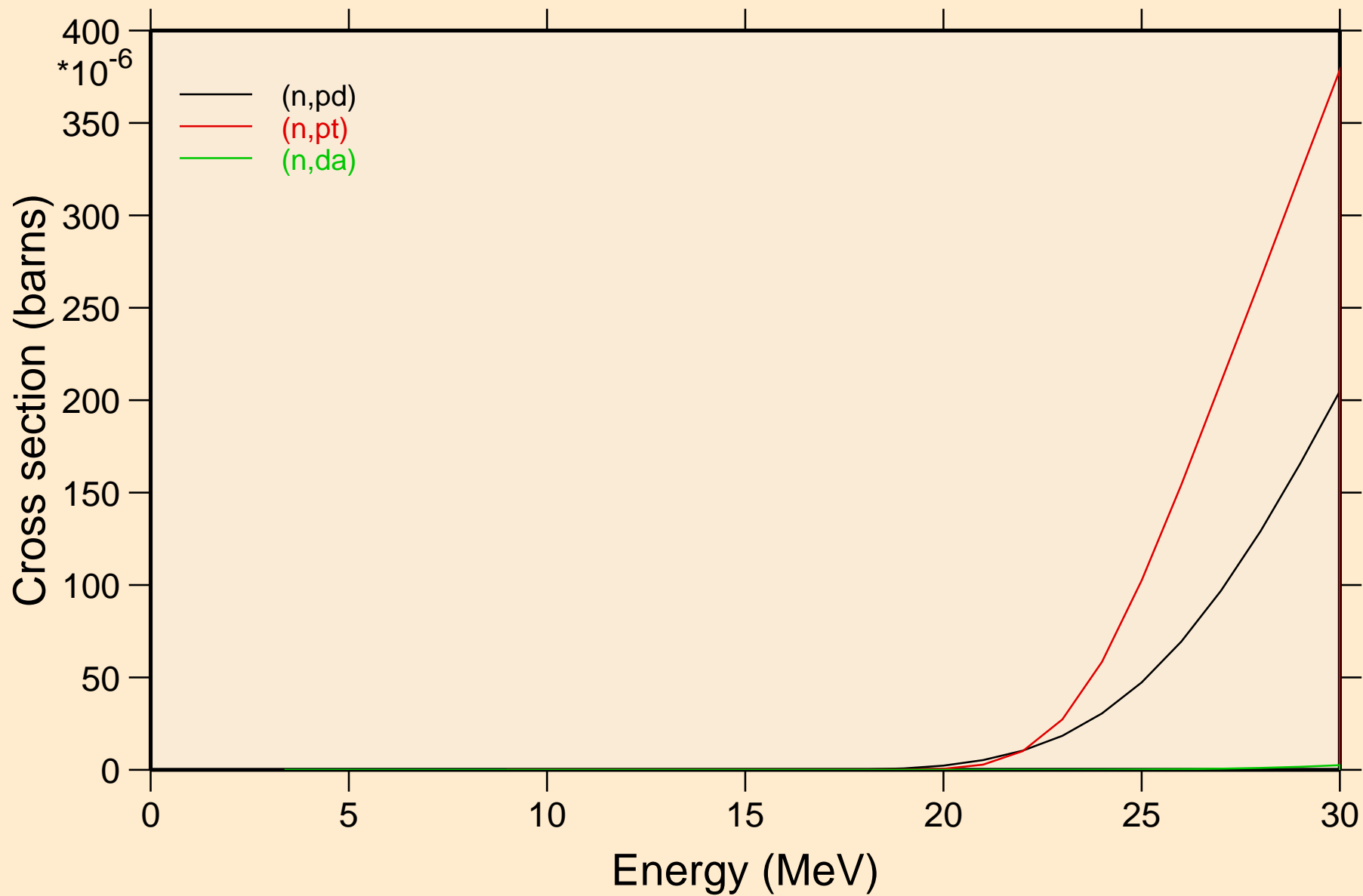


# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Threshold reactions

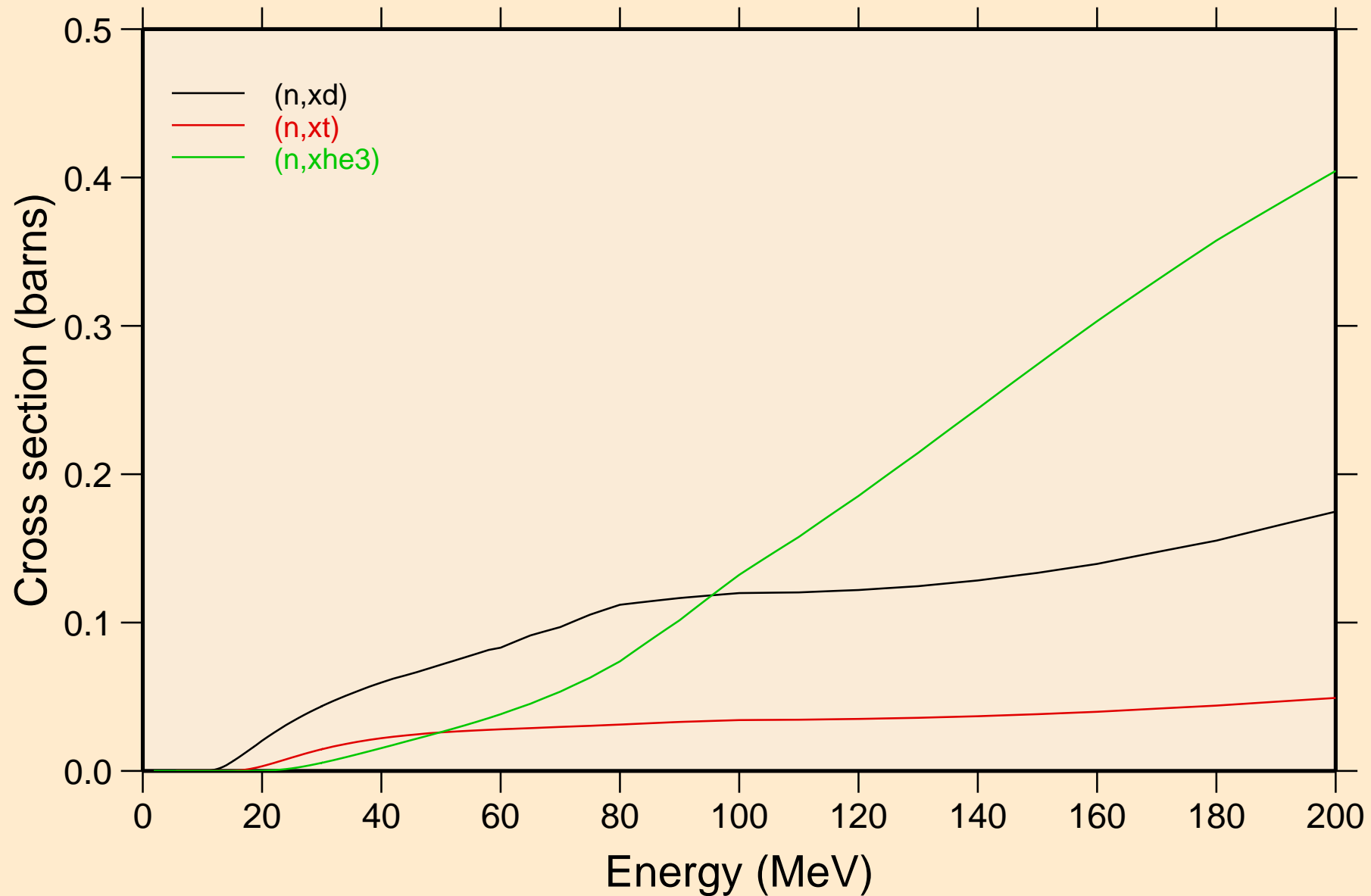


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Threshold reactions

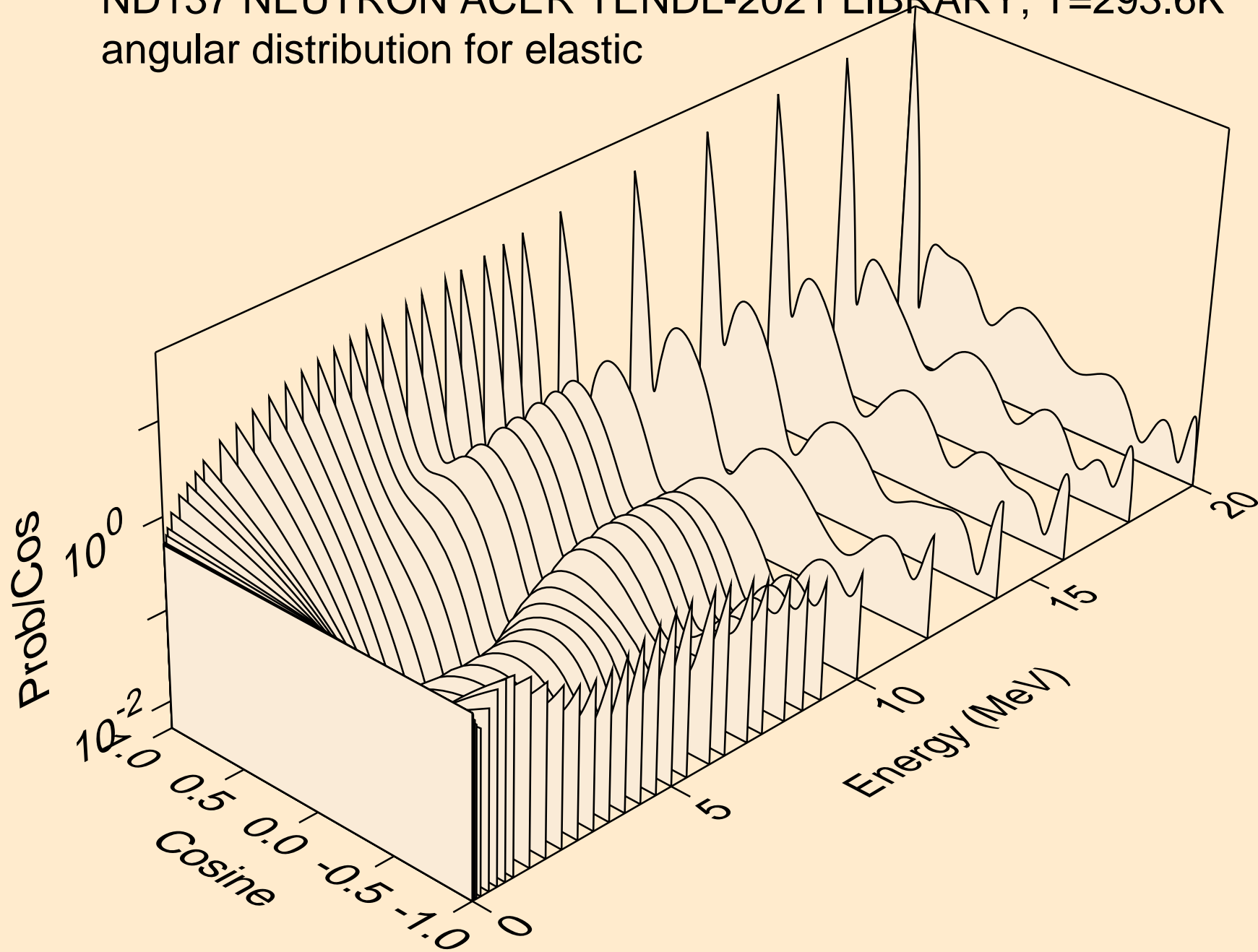


# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

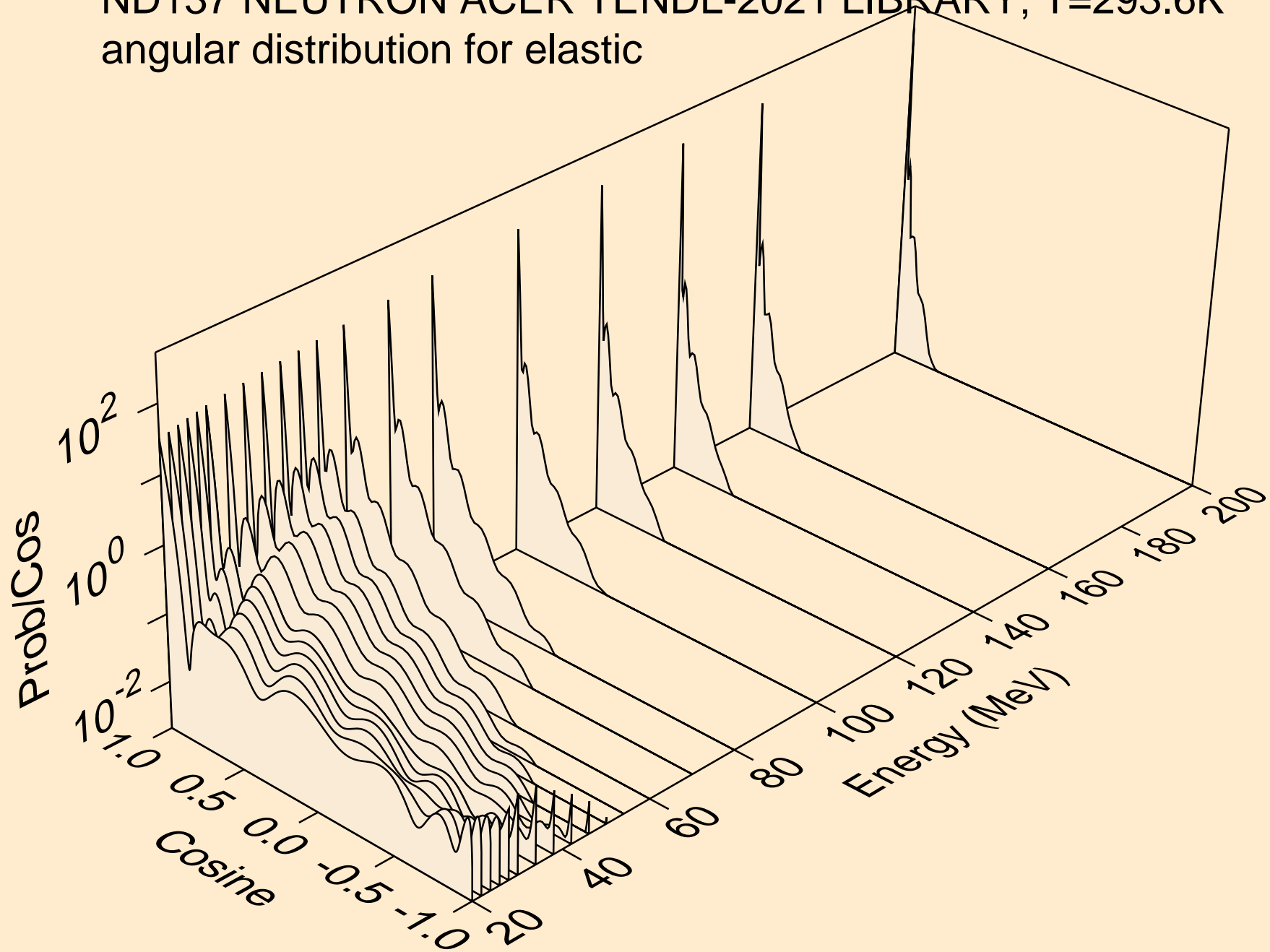
## Threshold reactions



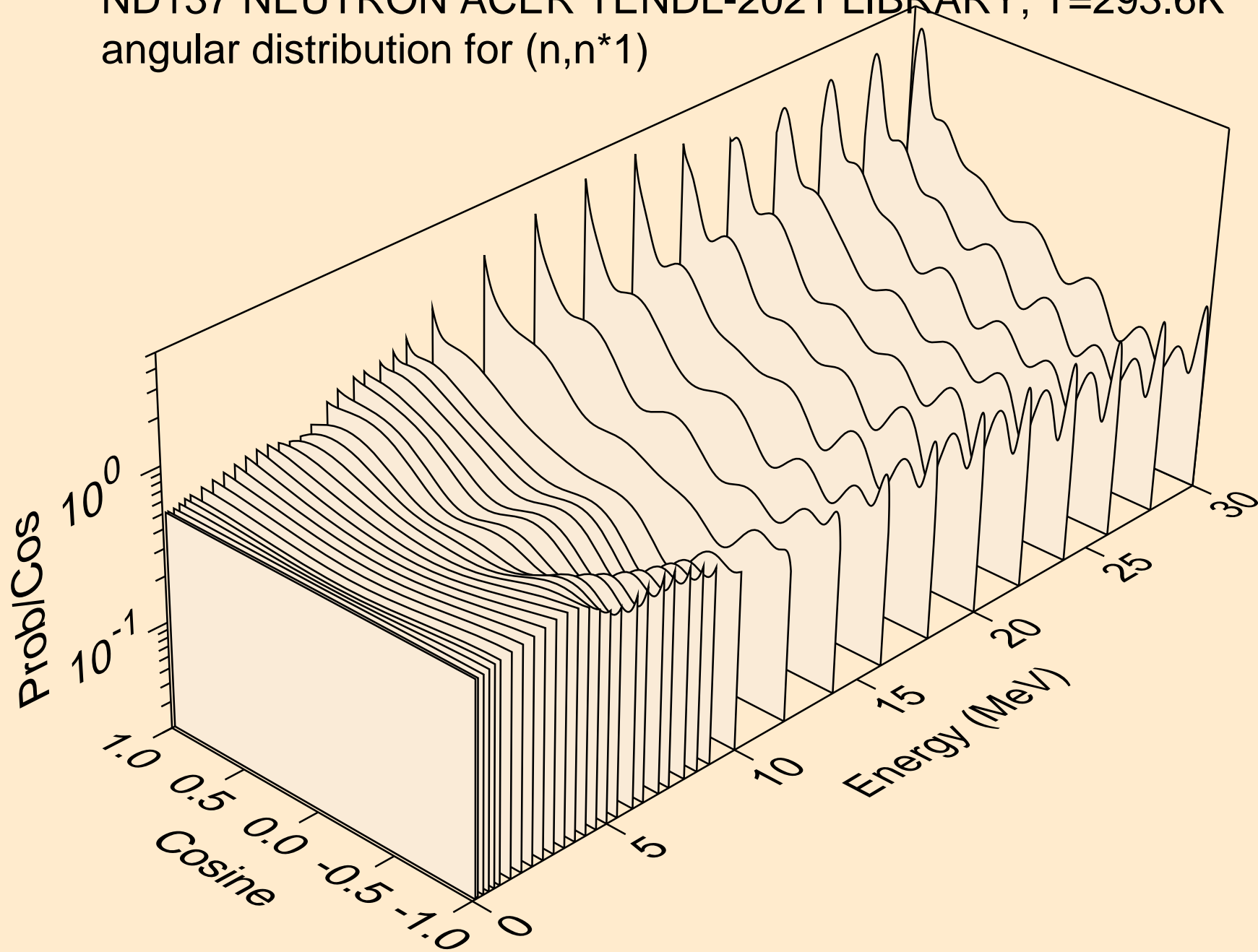
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



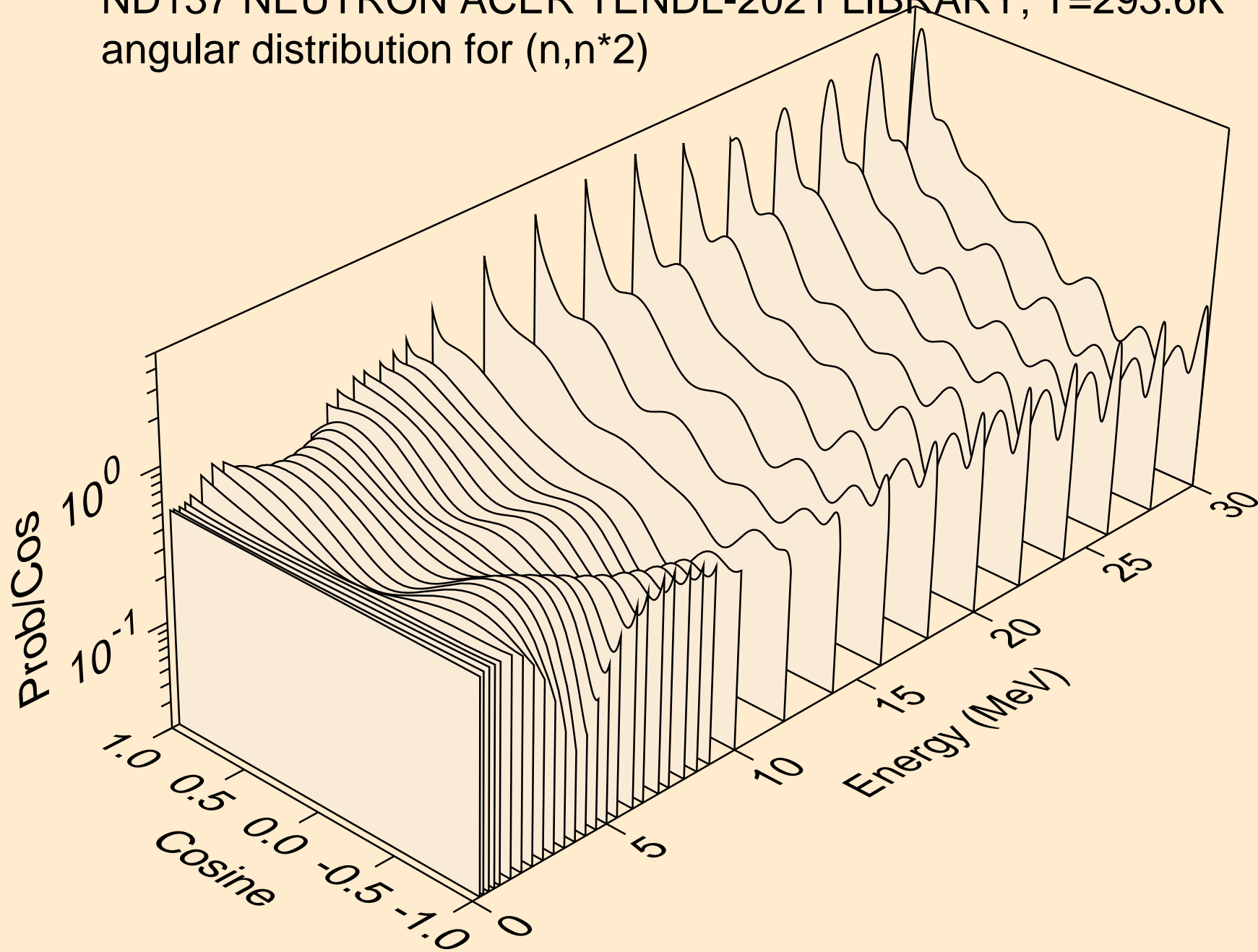
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for elastic



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

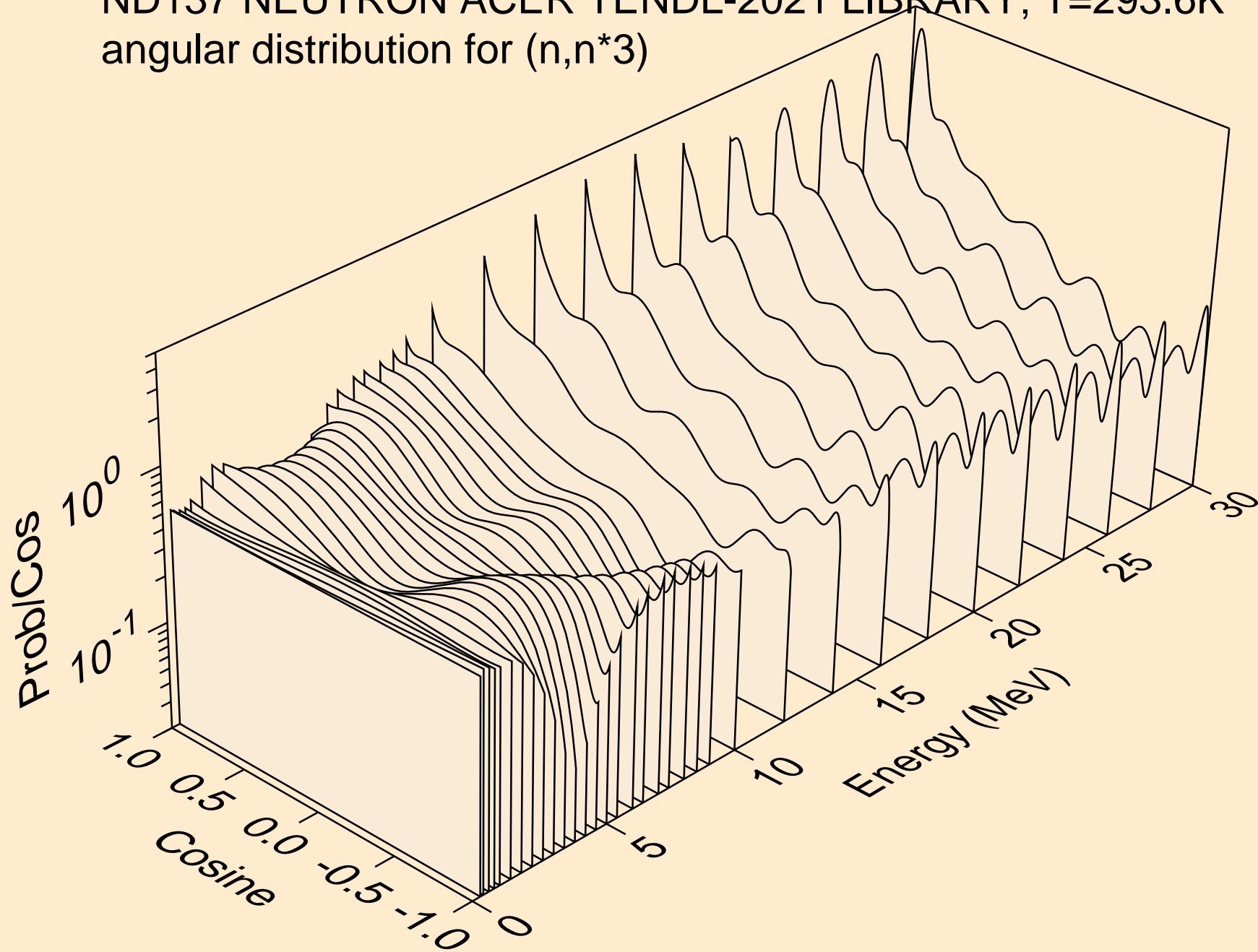


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)

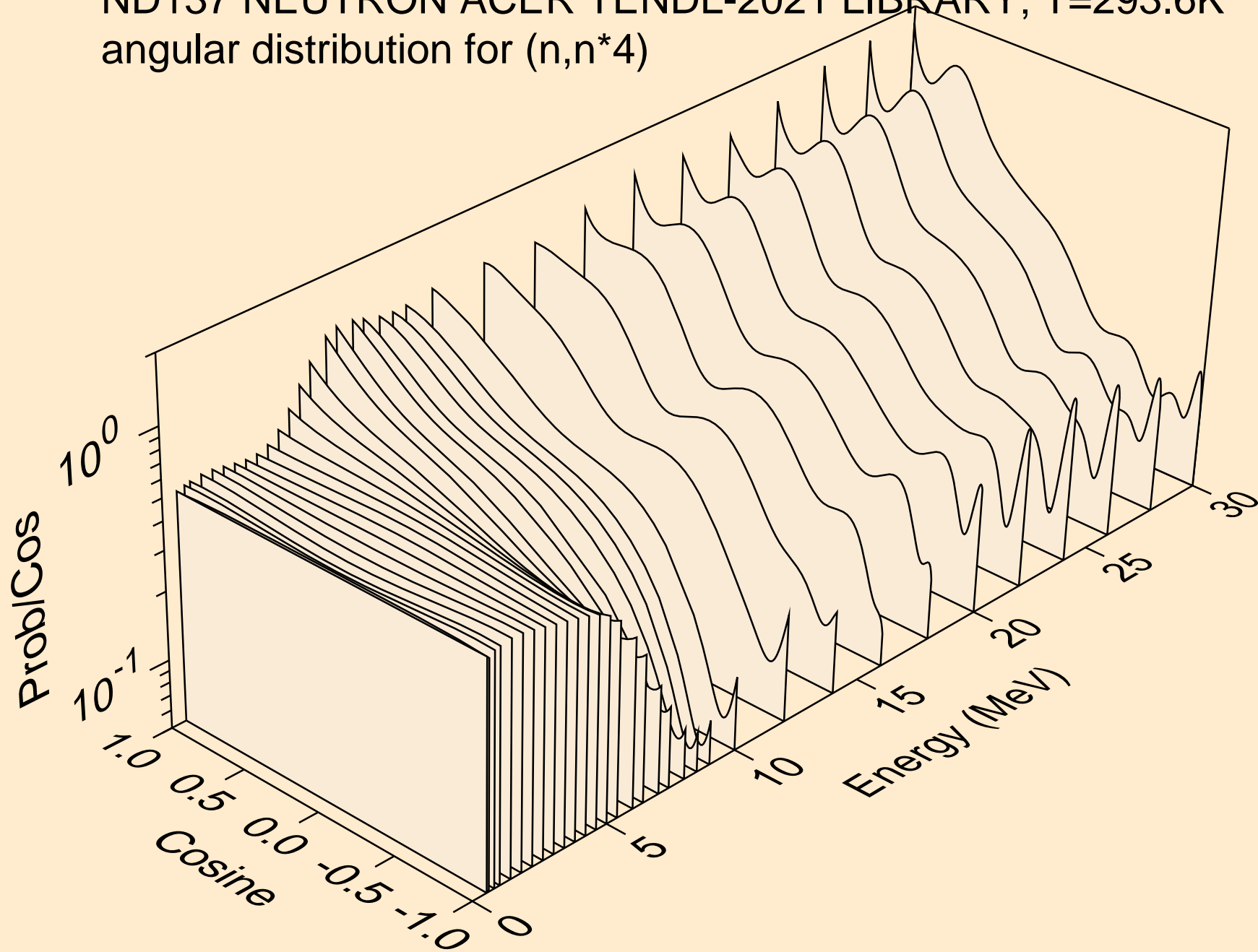




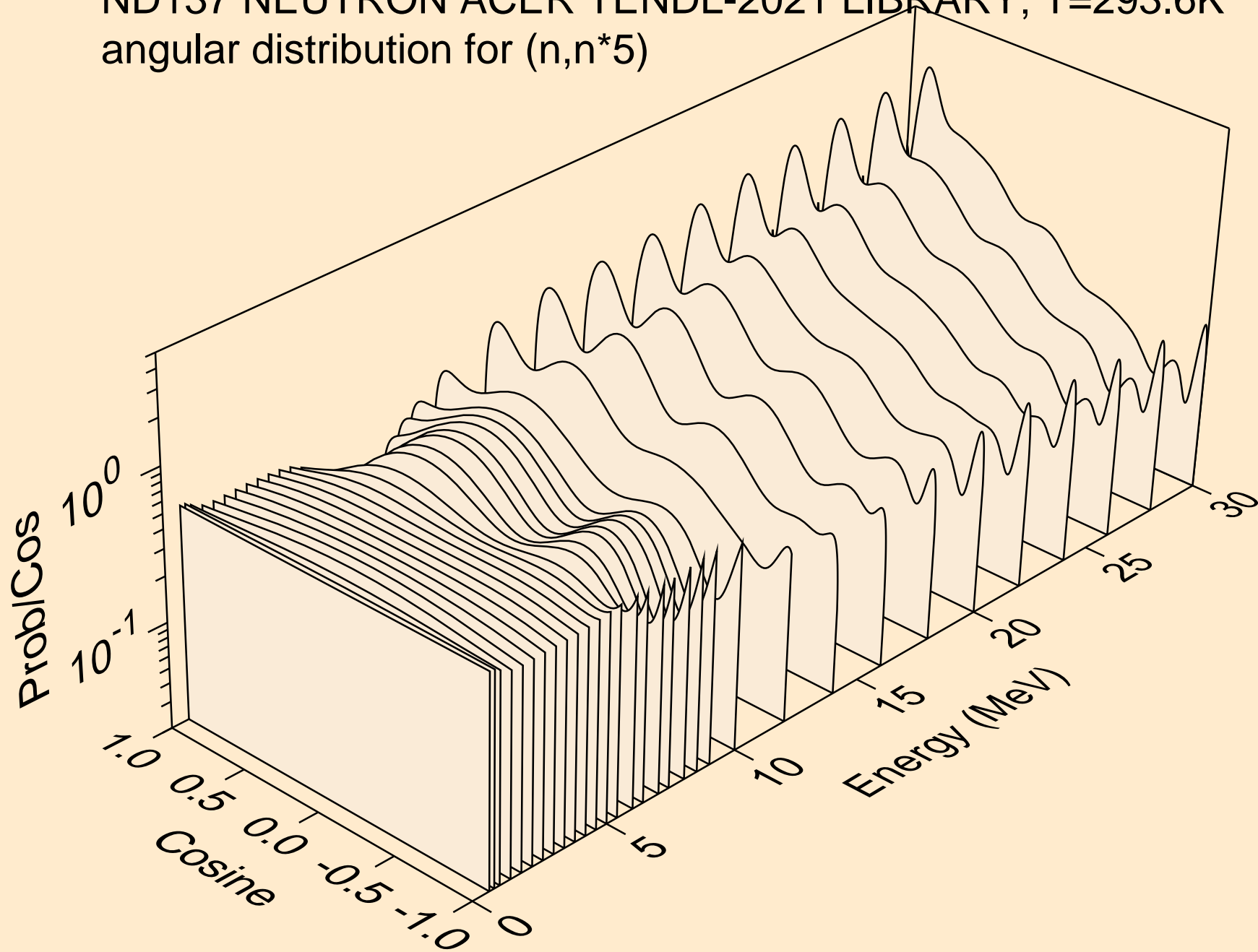
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



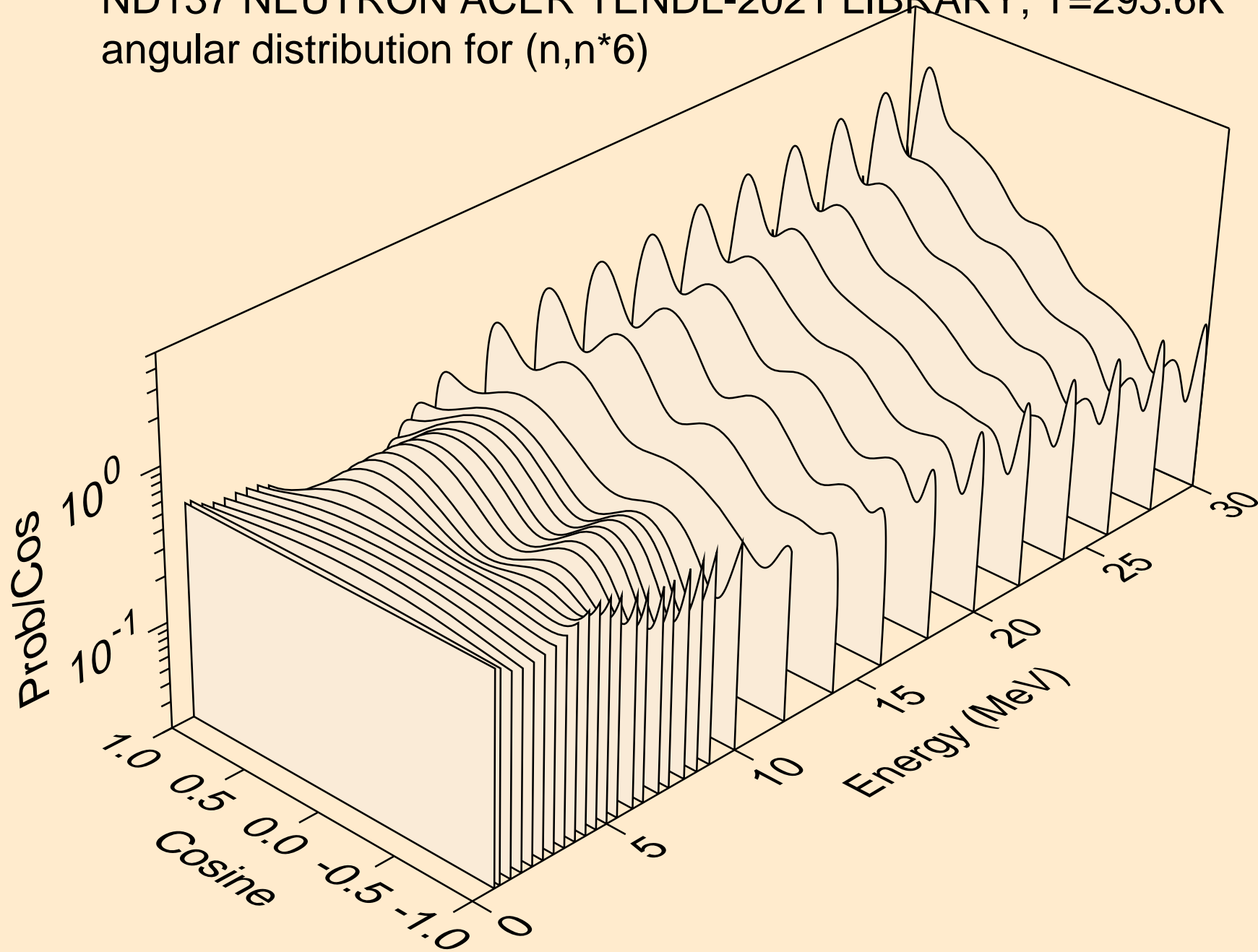
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



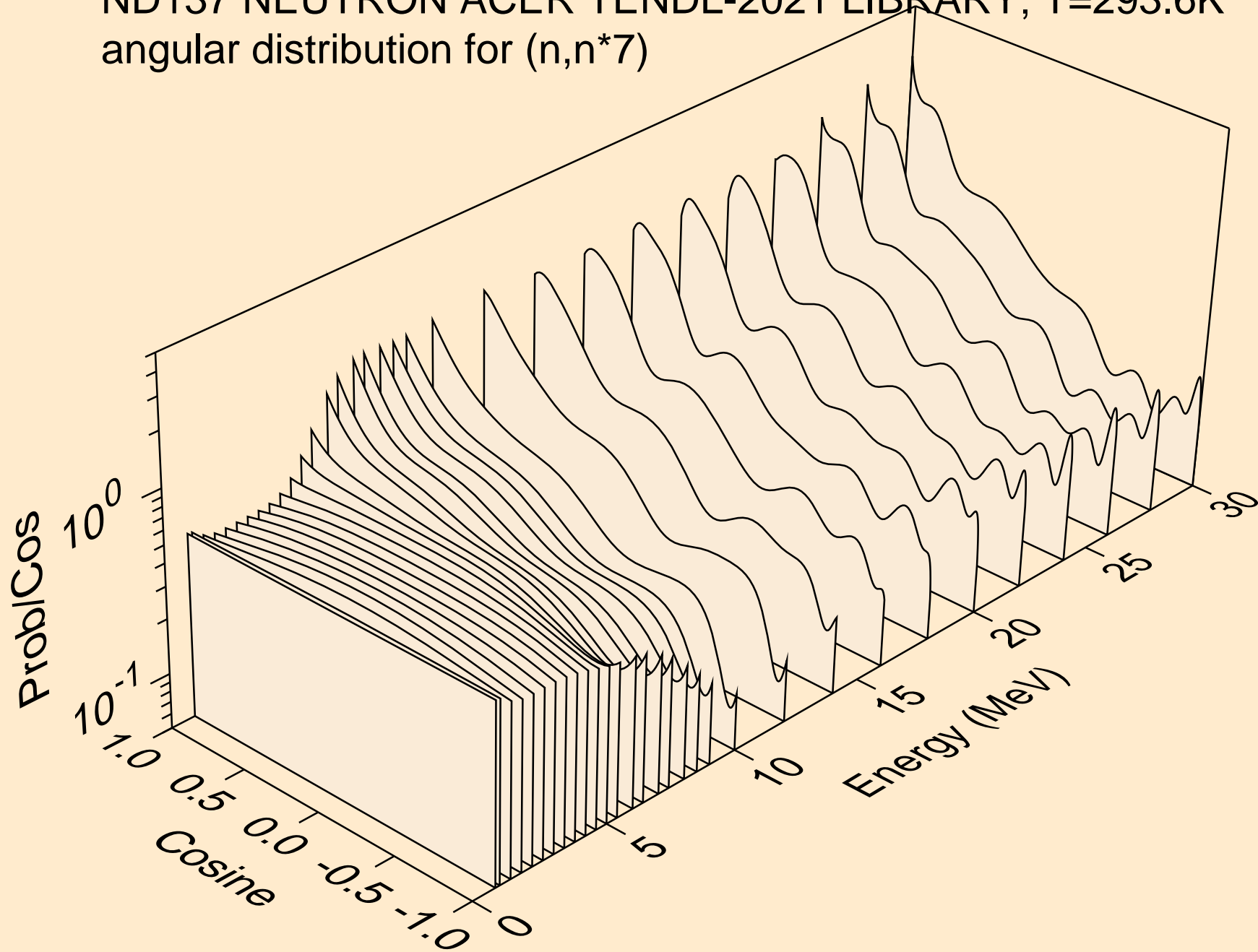
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



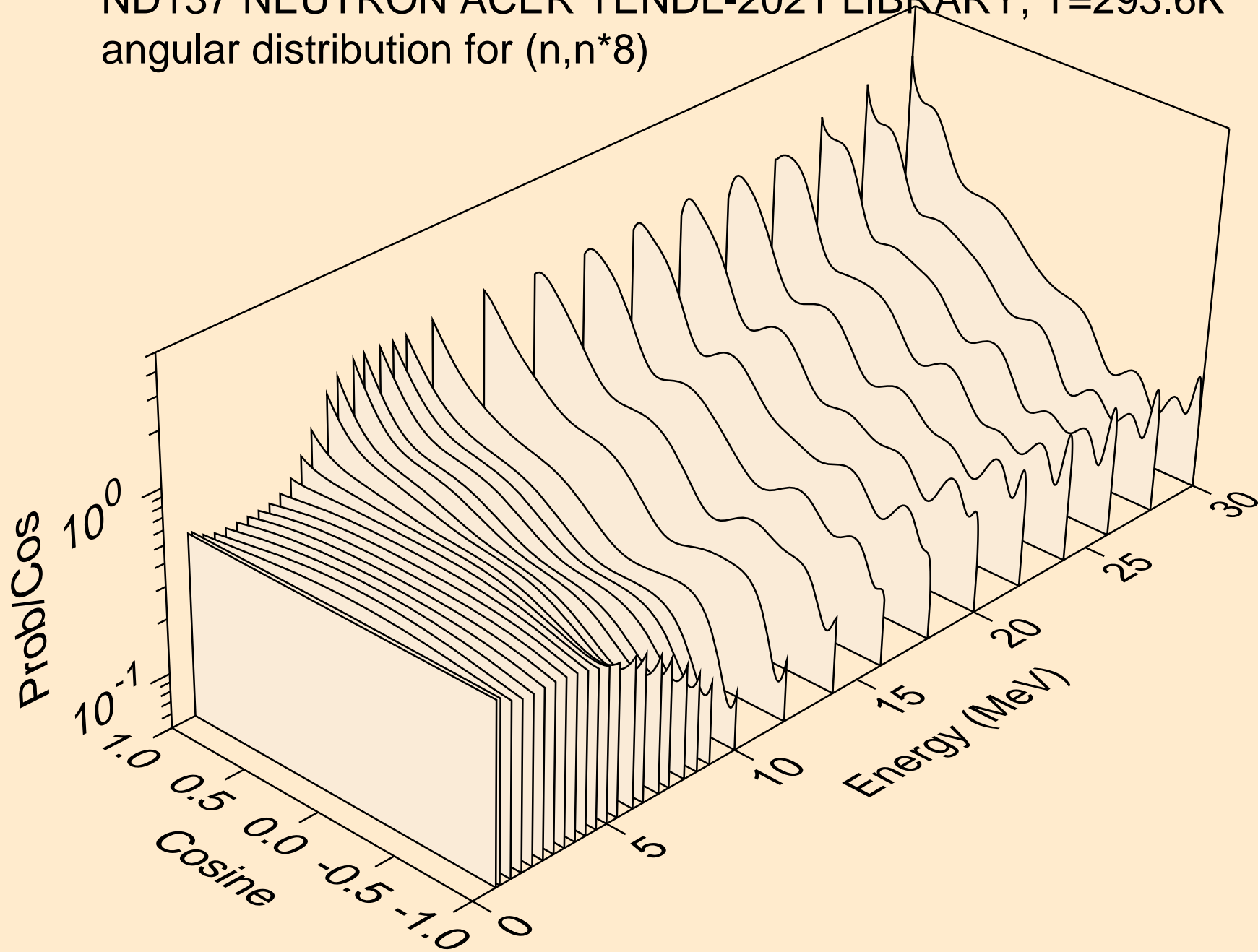
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



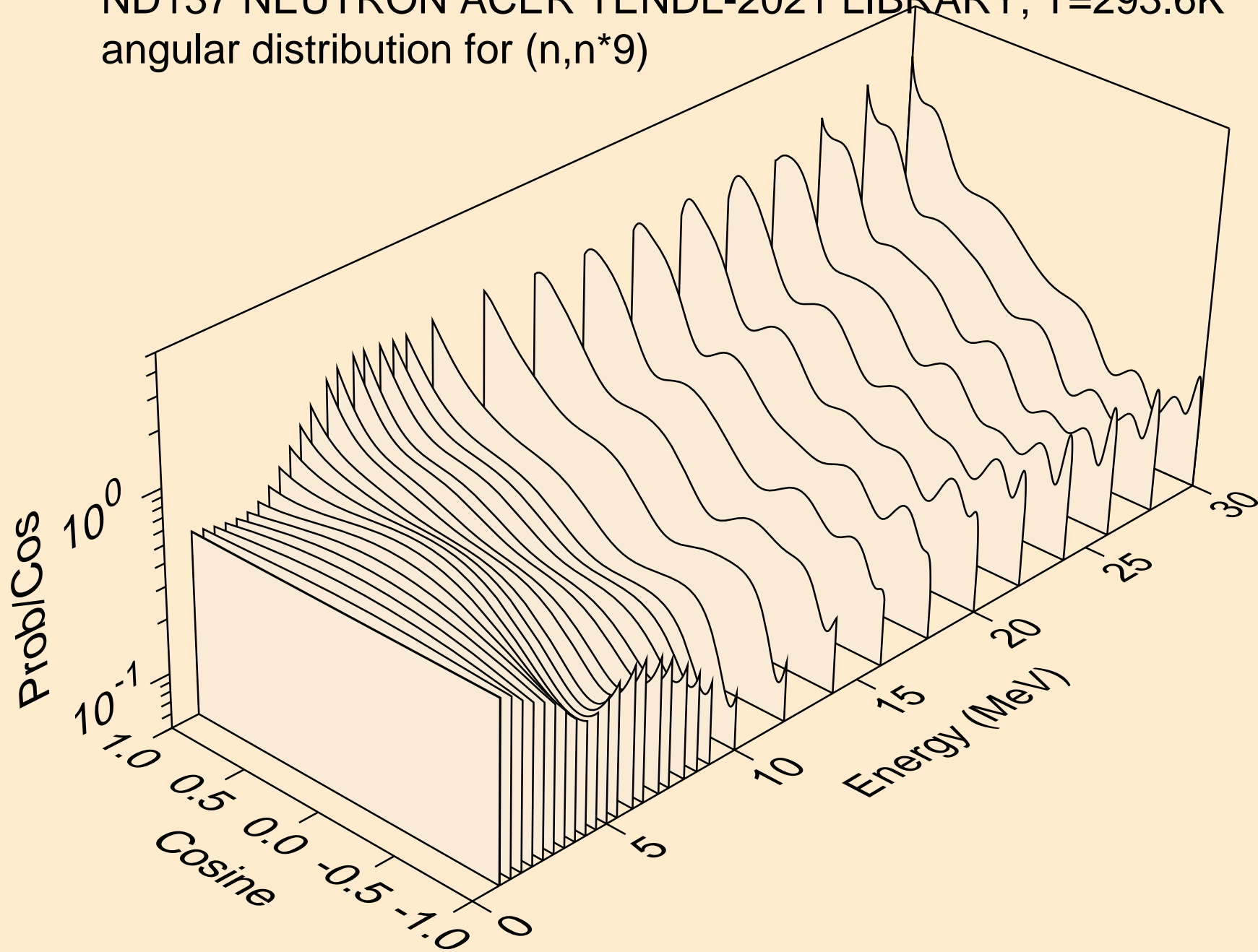
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



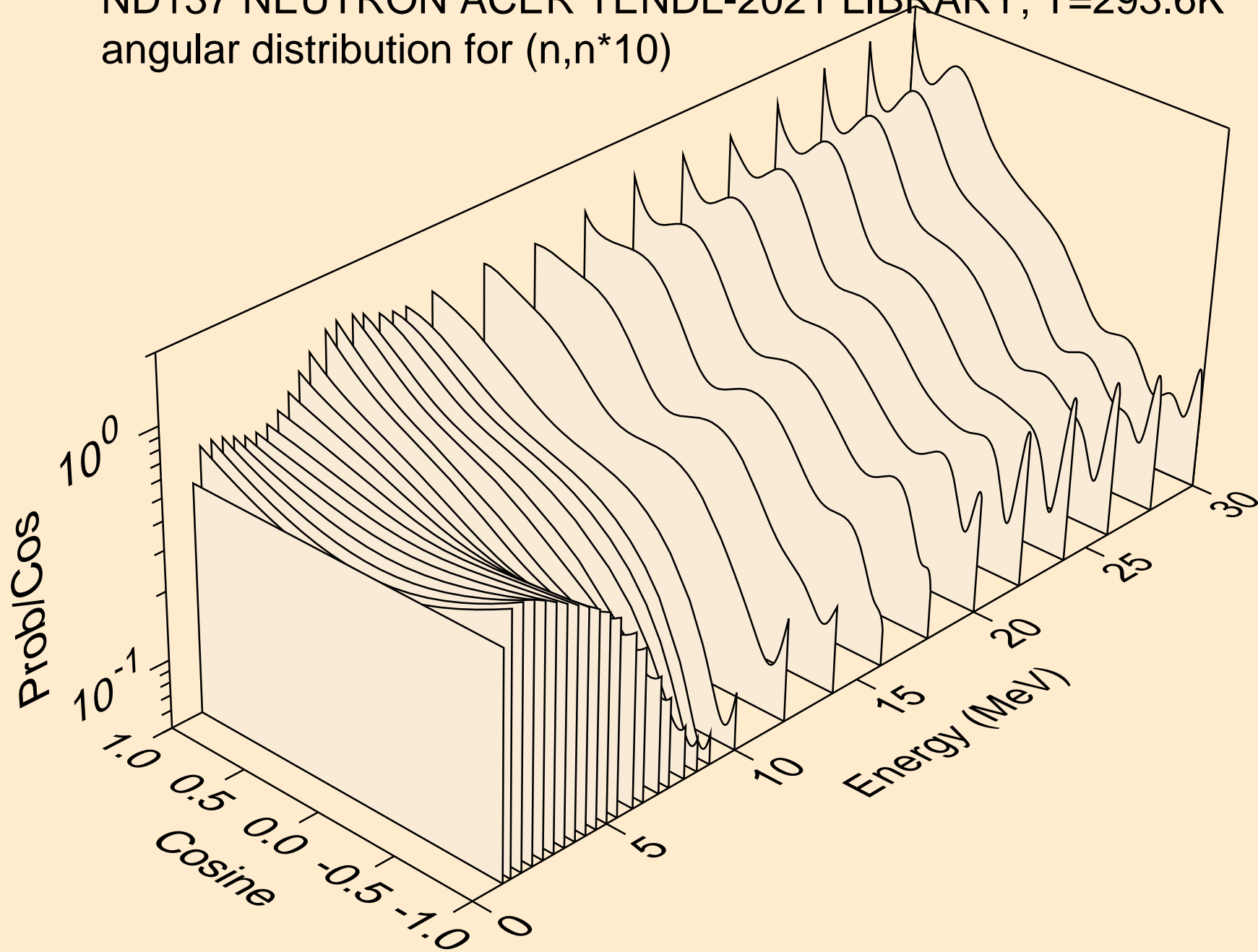
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*9)

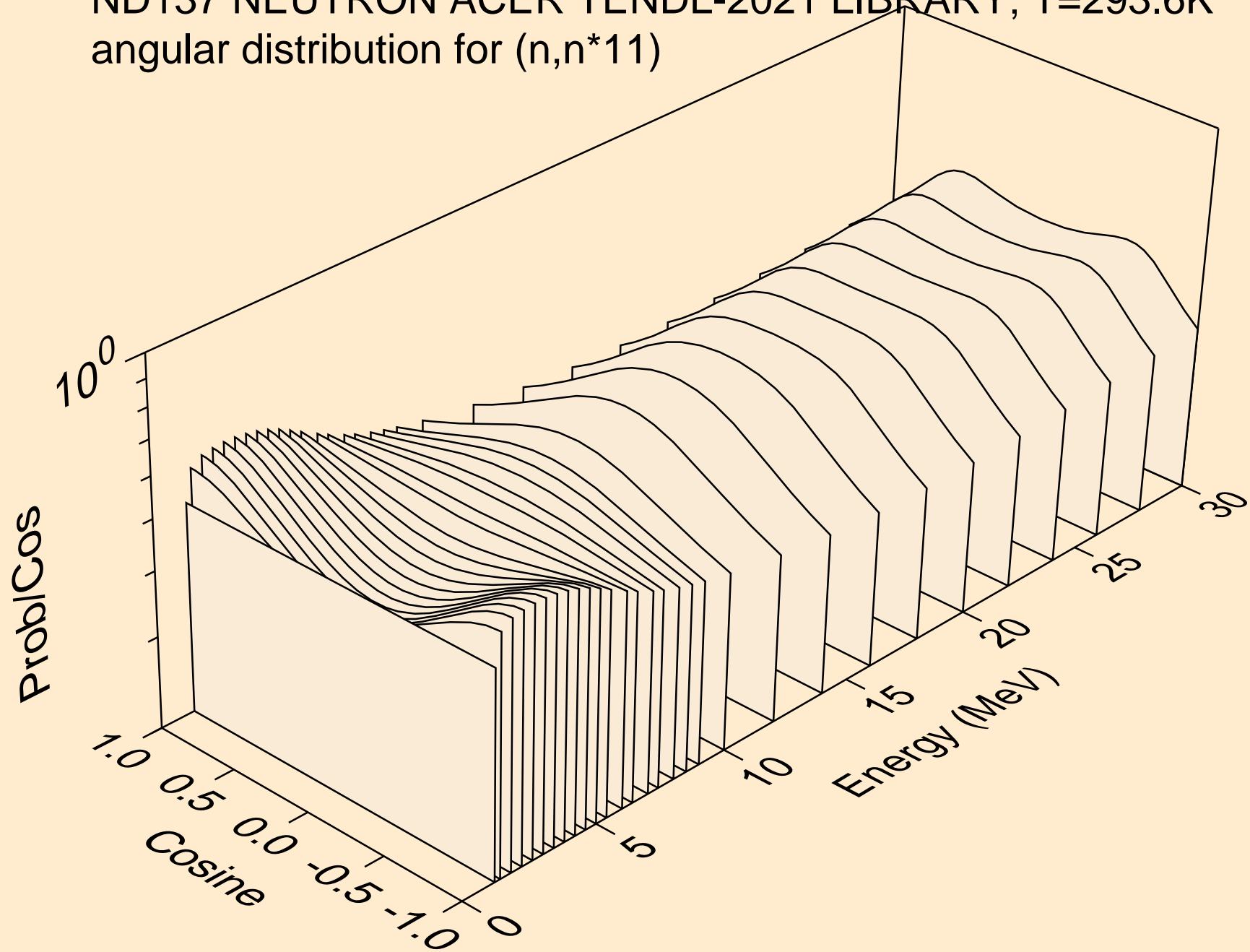


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*10)

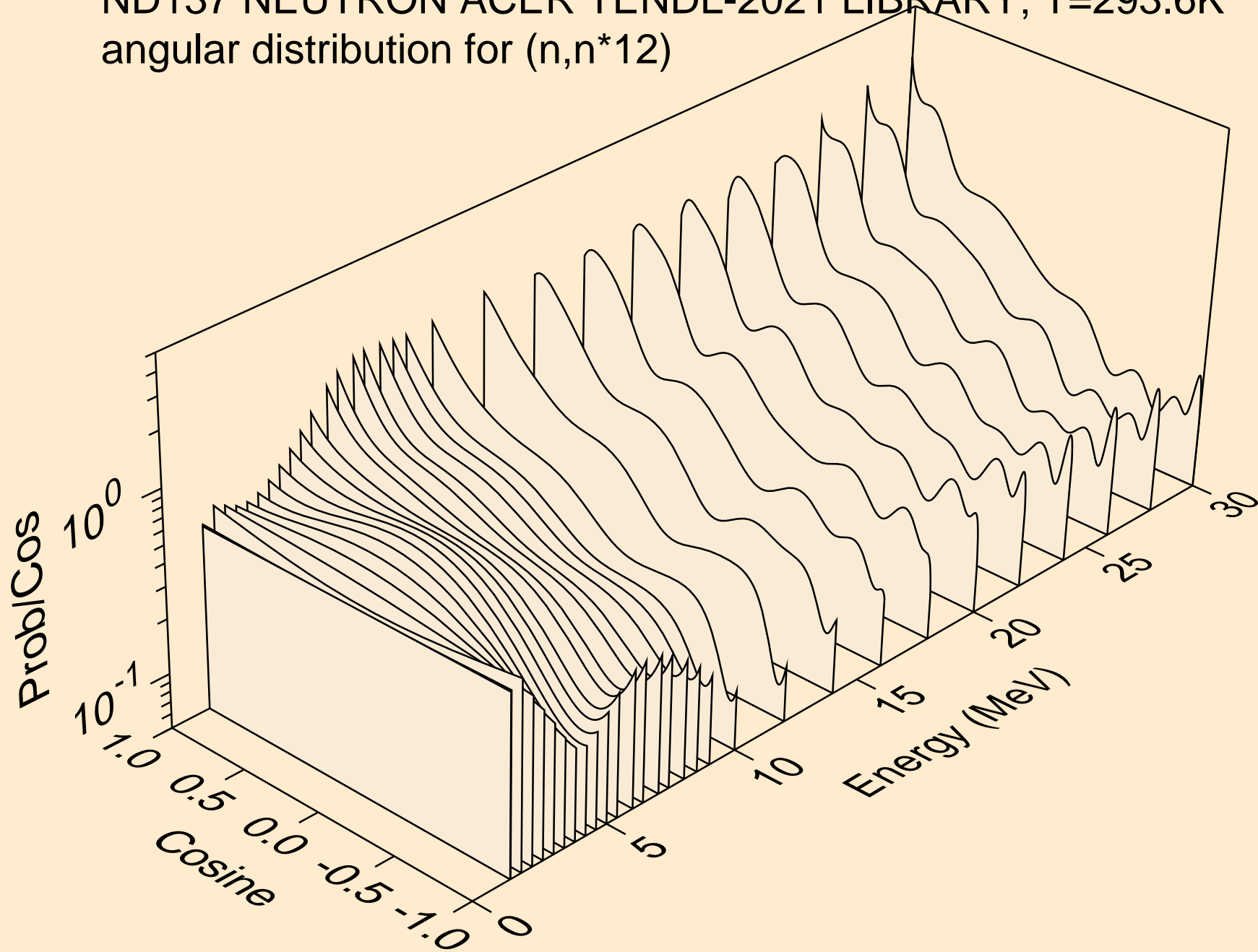




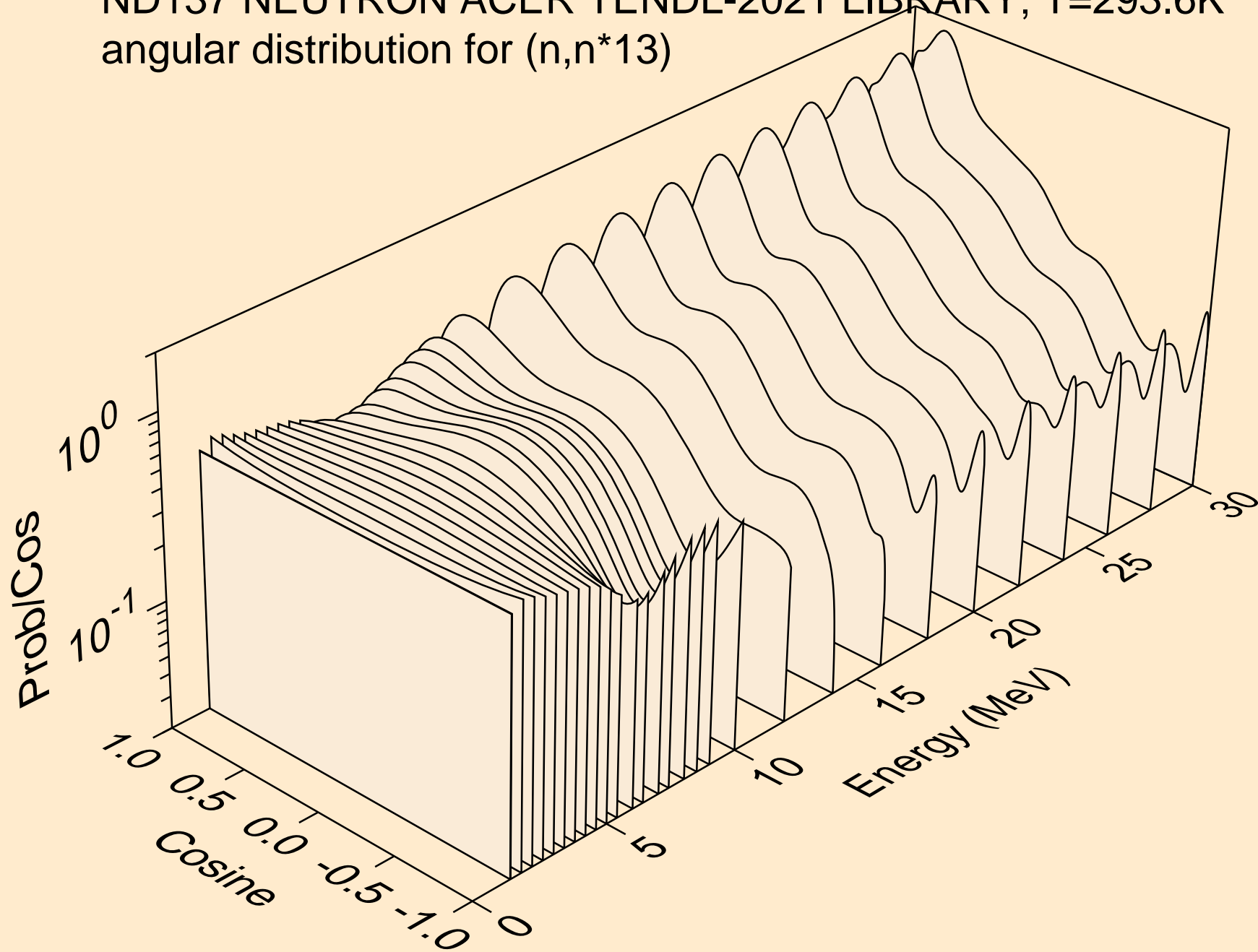
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



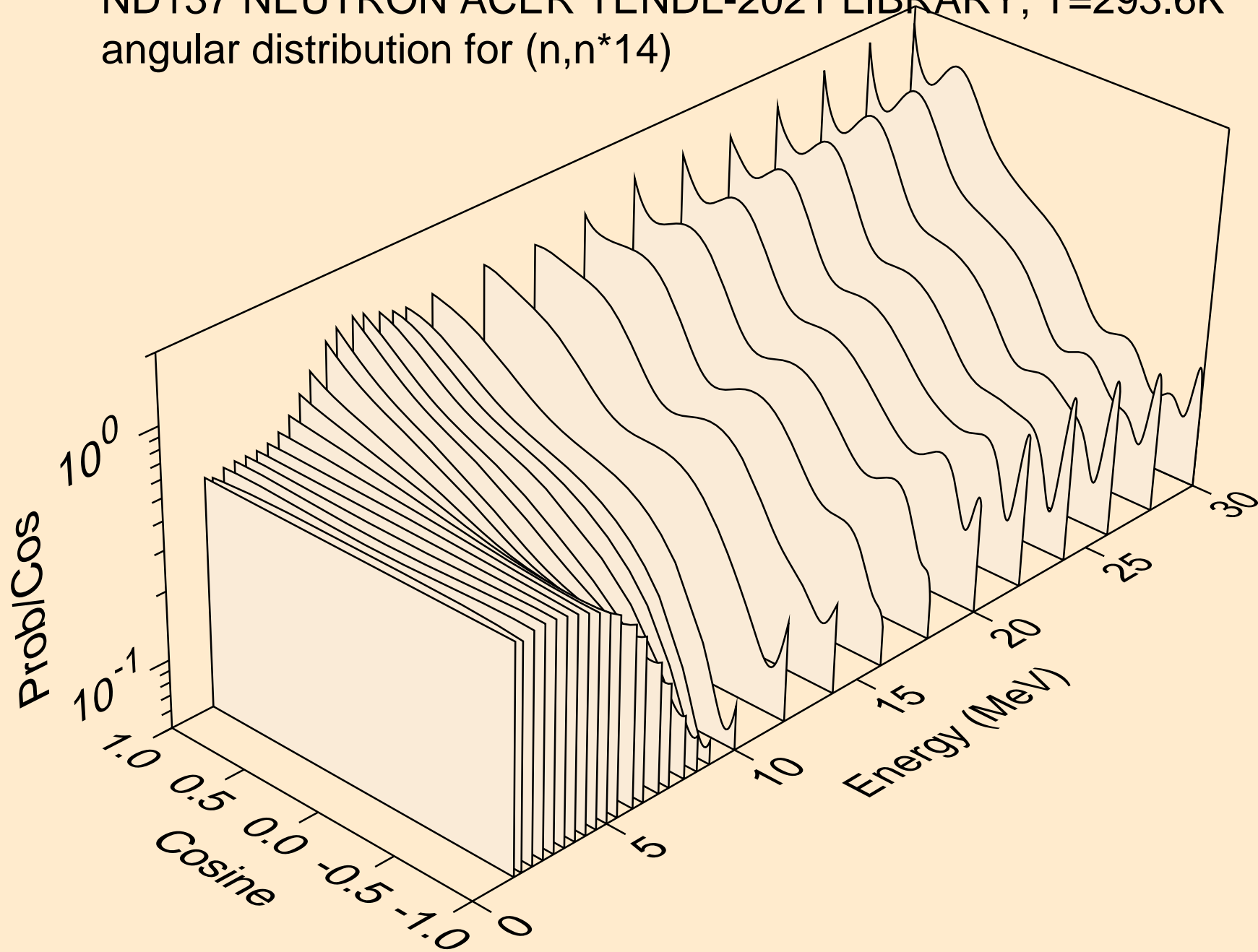
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*12)



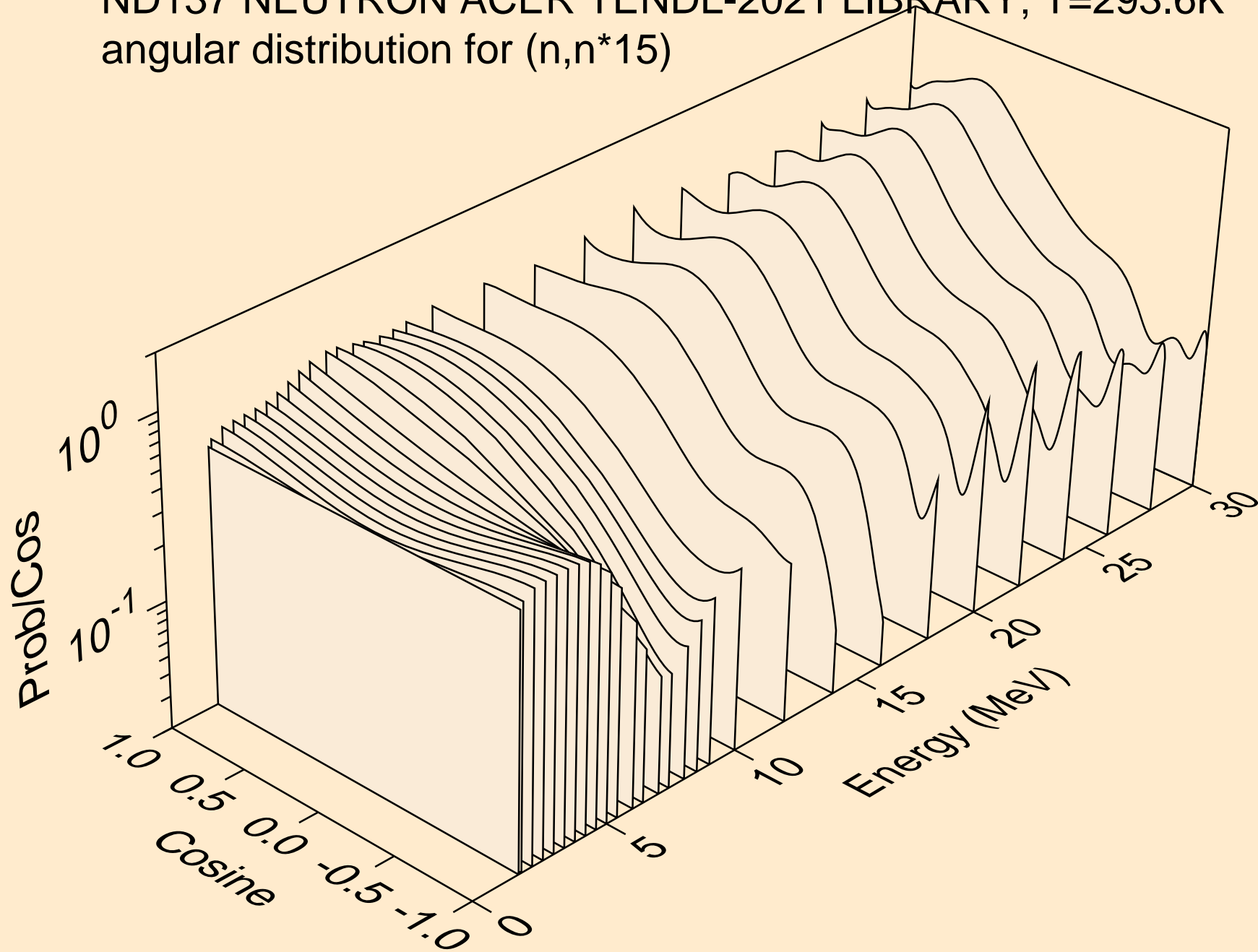
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*13)



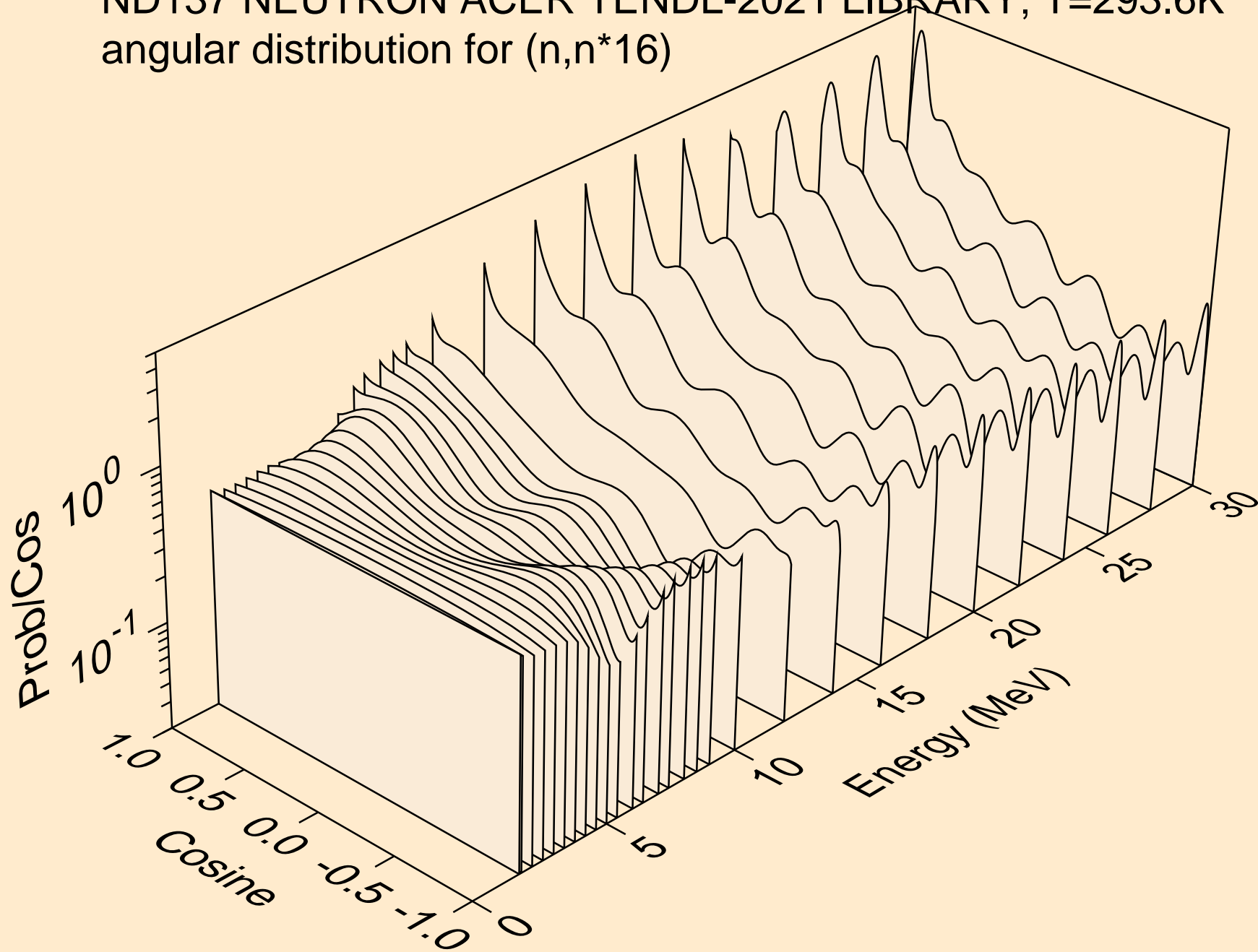
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angular distribution for (n,n\*14)



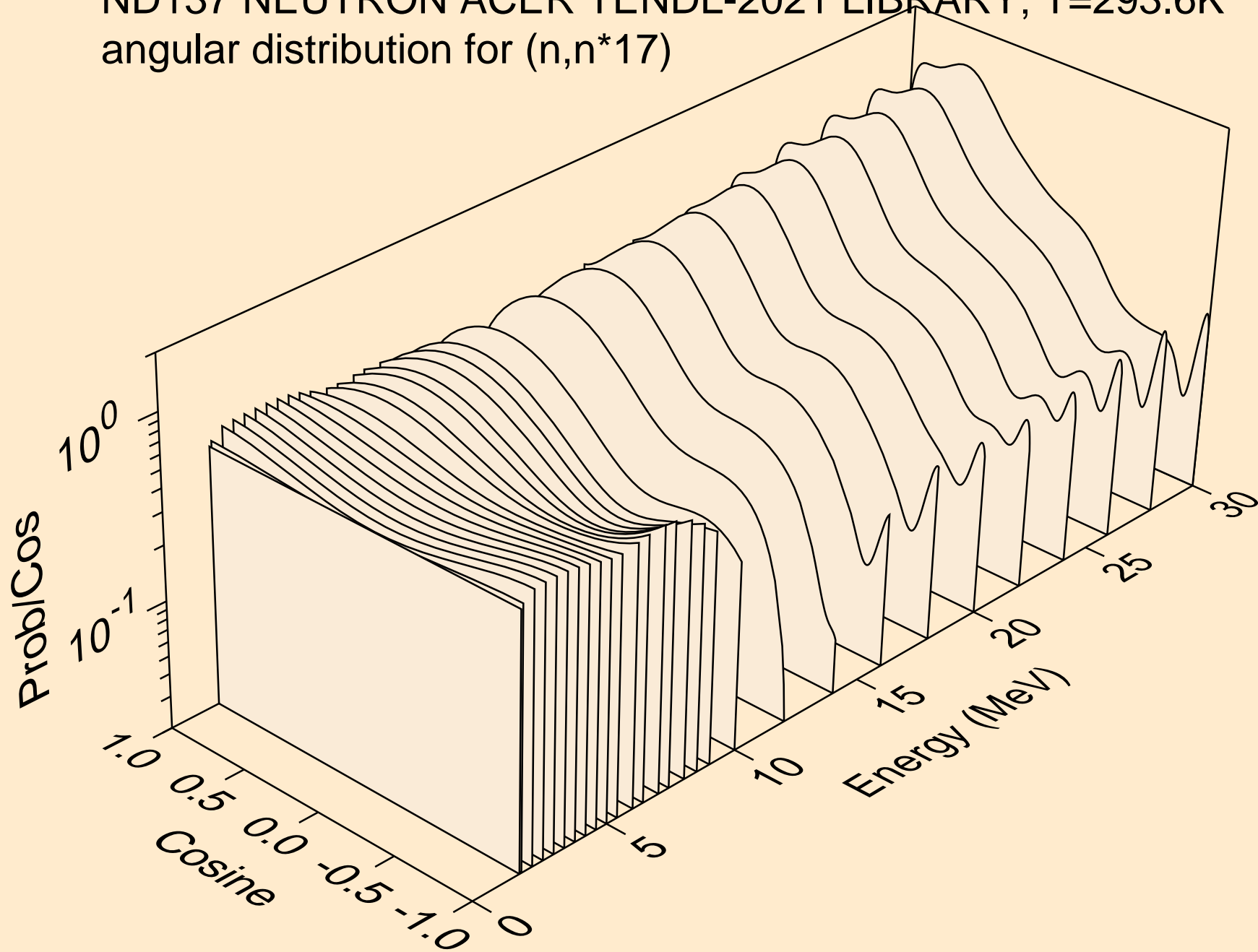
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angular distribution for (n,n\*15)



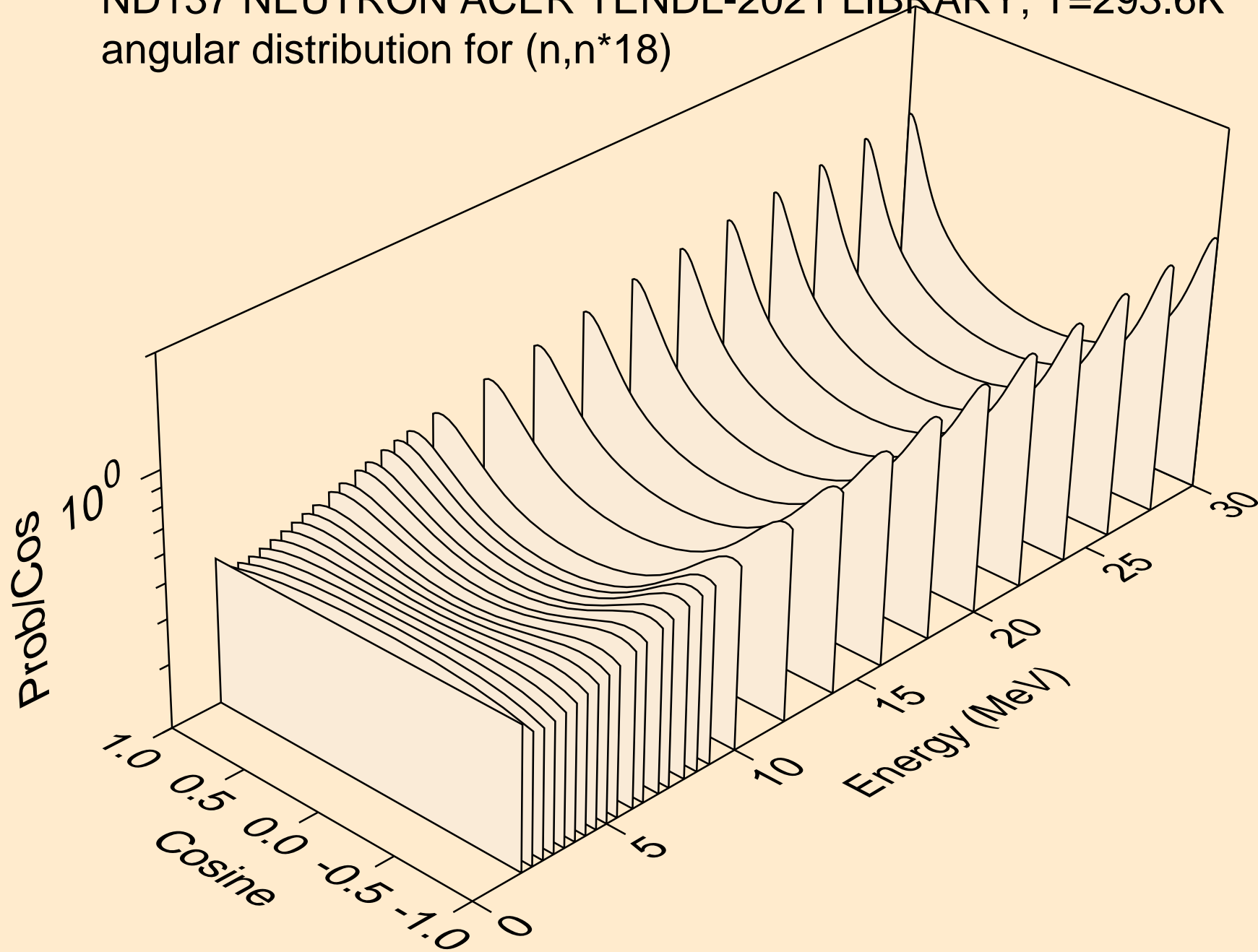
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*17)

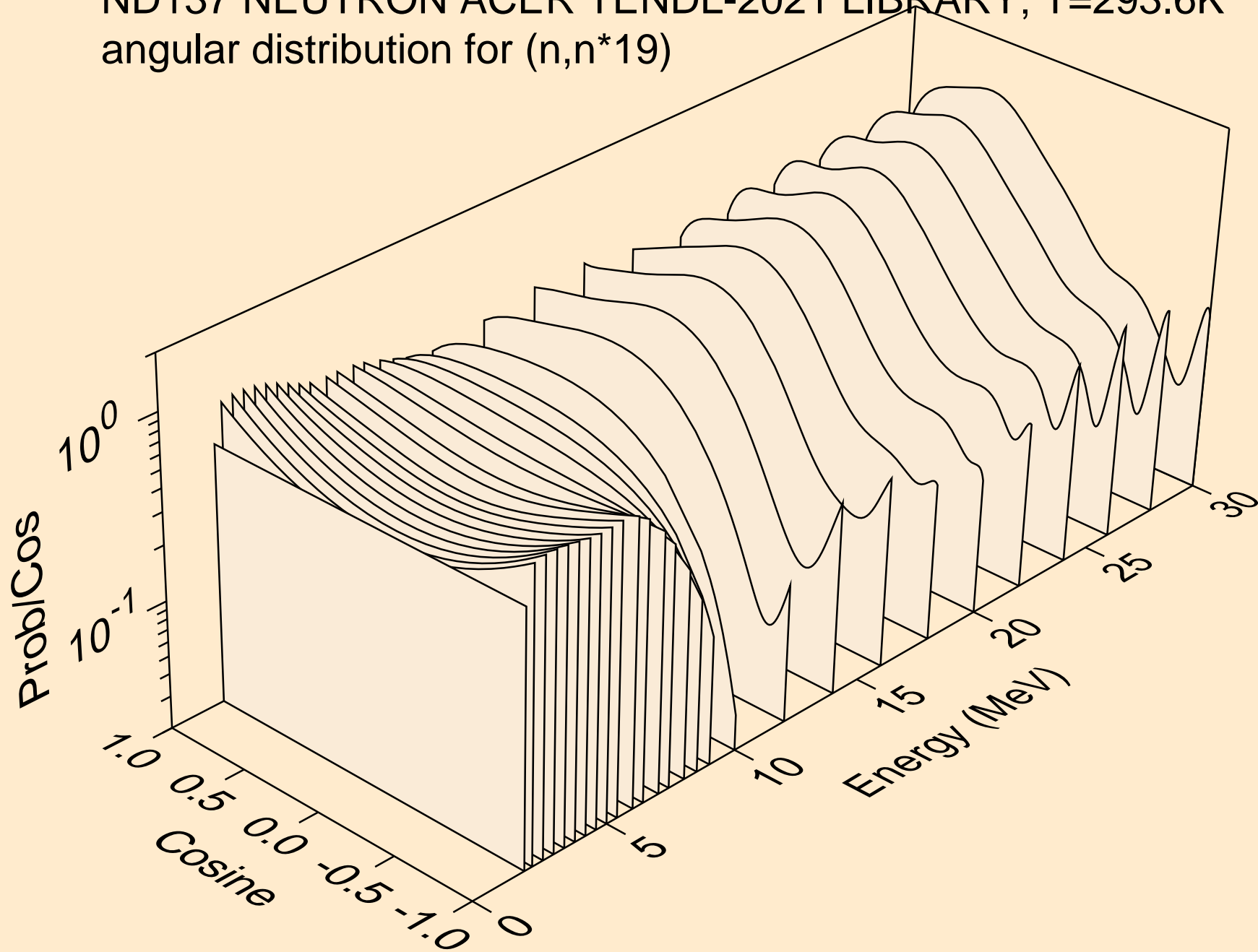


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*18)

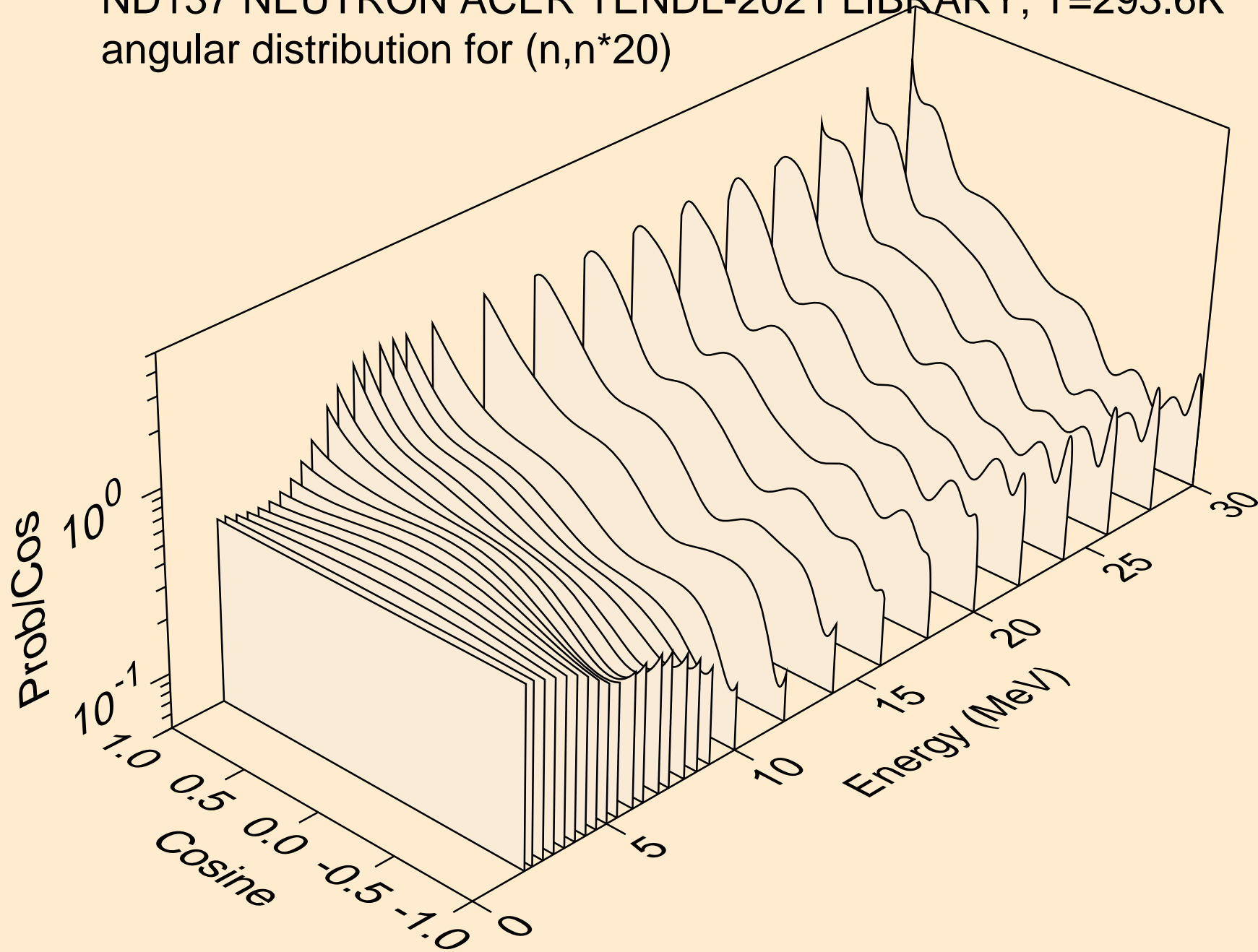




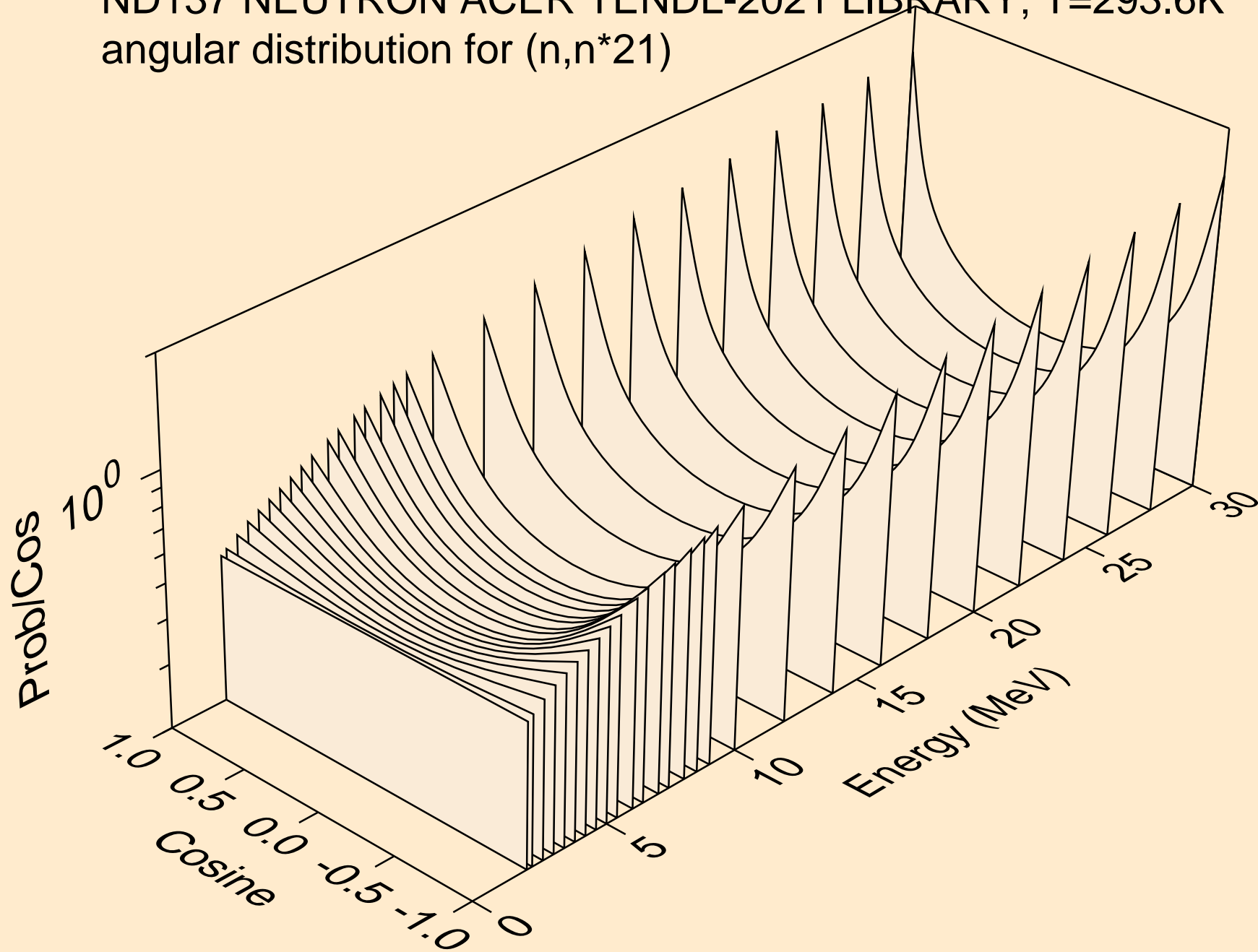
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*19)



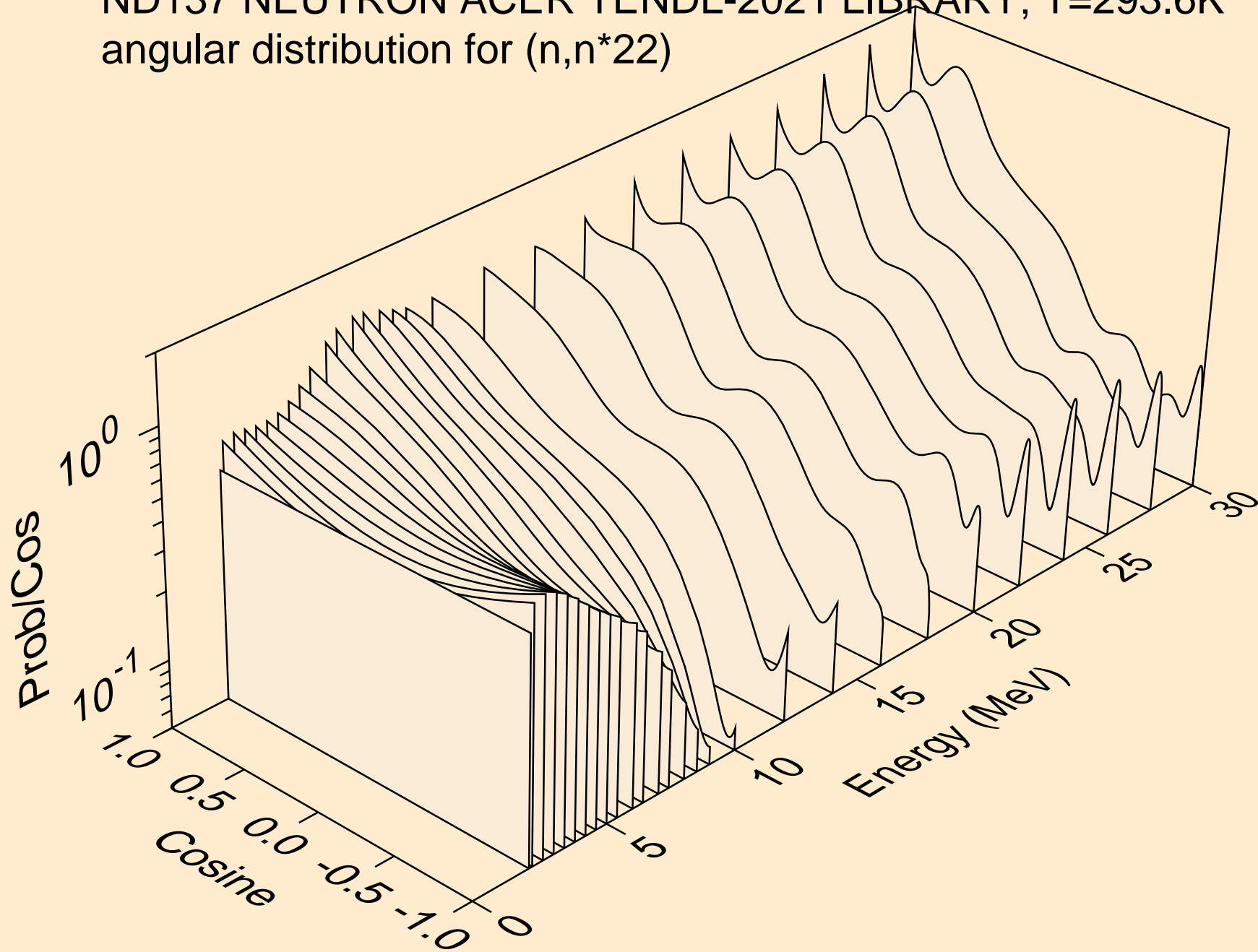
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angular distribution for (n,n\*20)



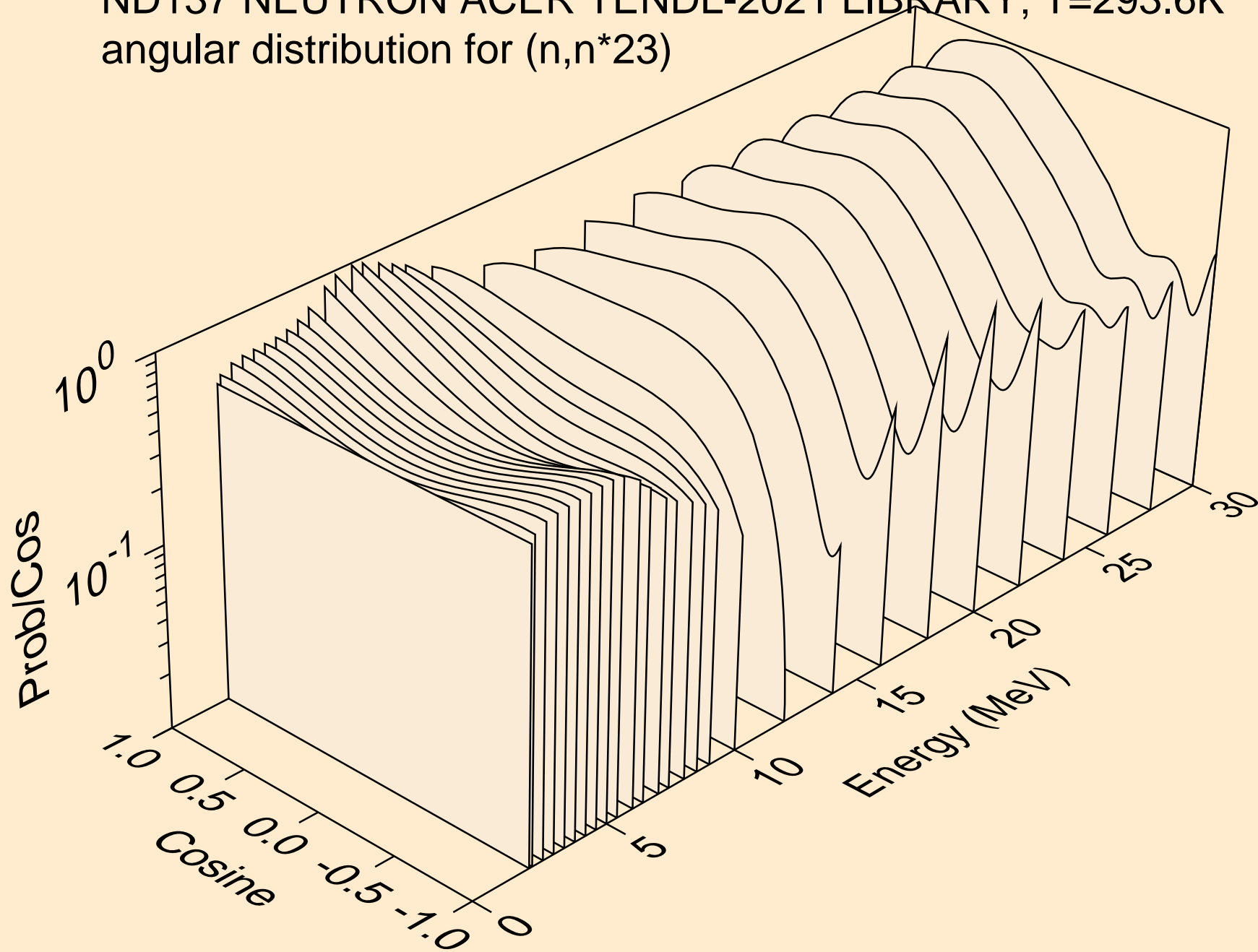
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angular distribution for (n,n\*21)



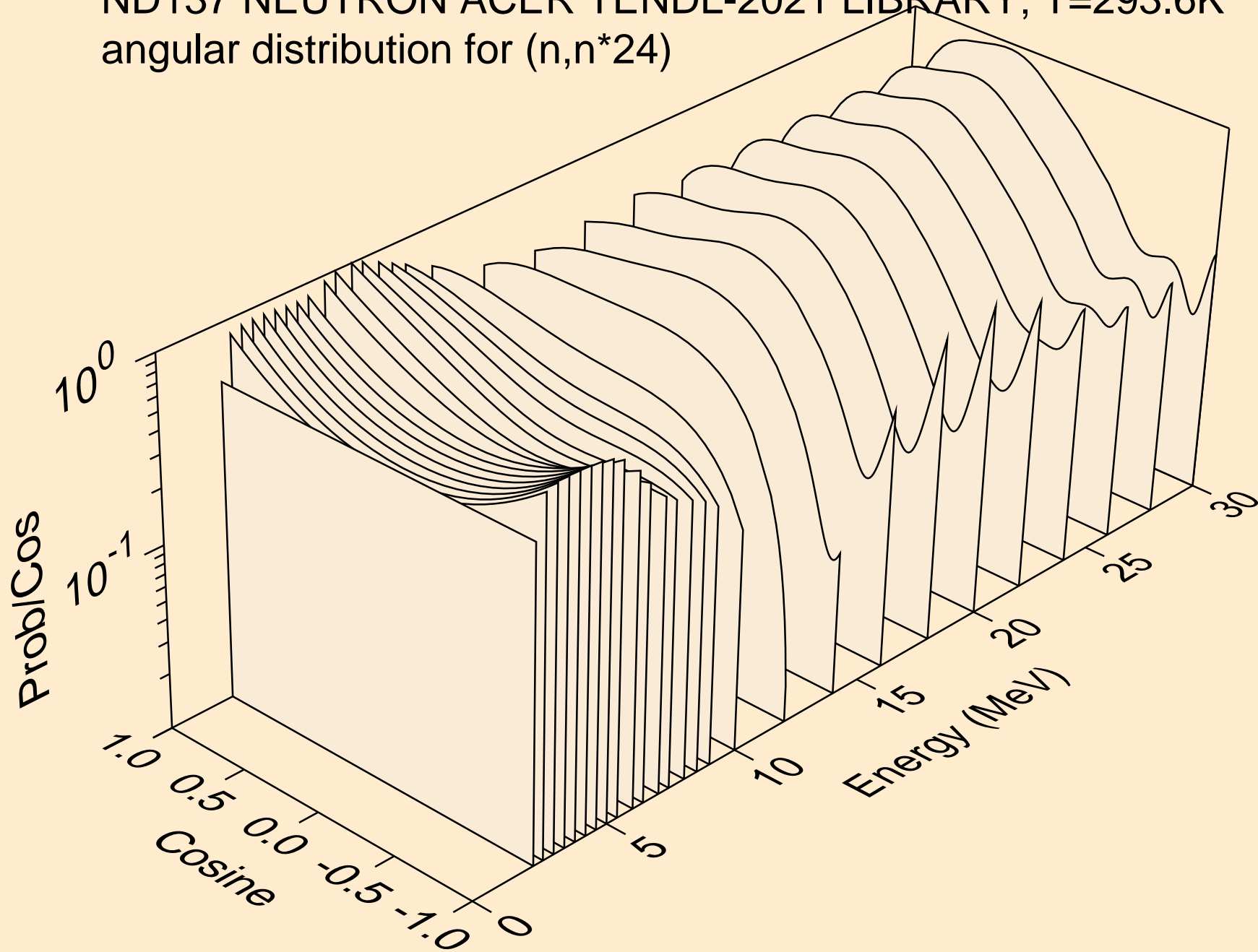
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*22)



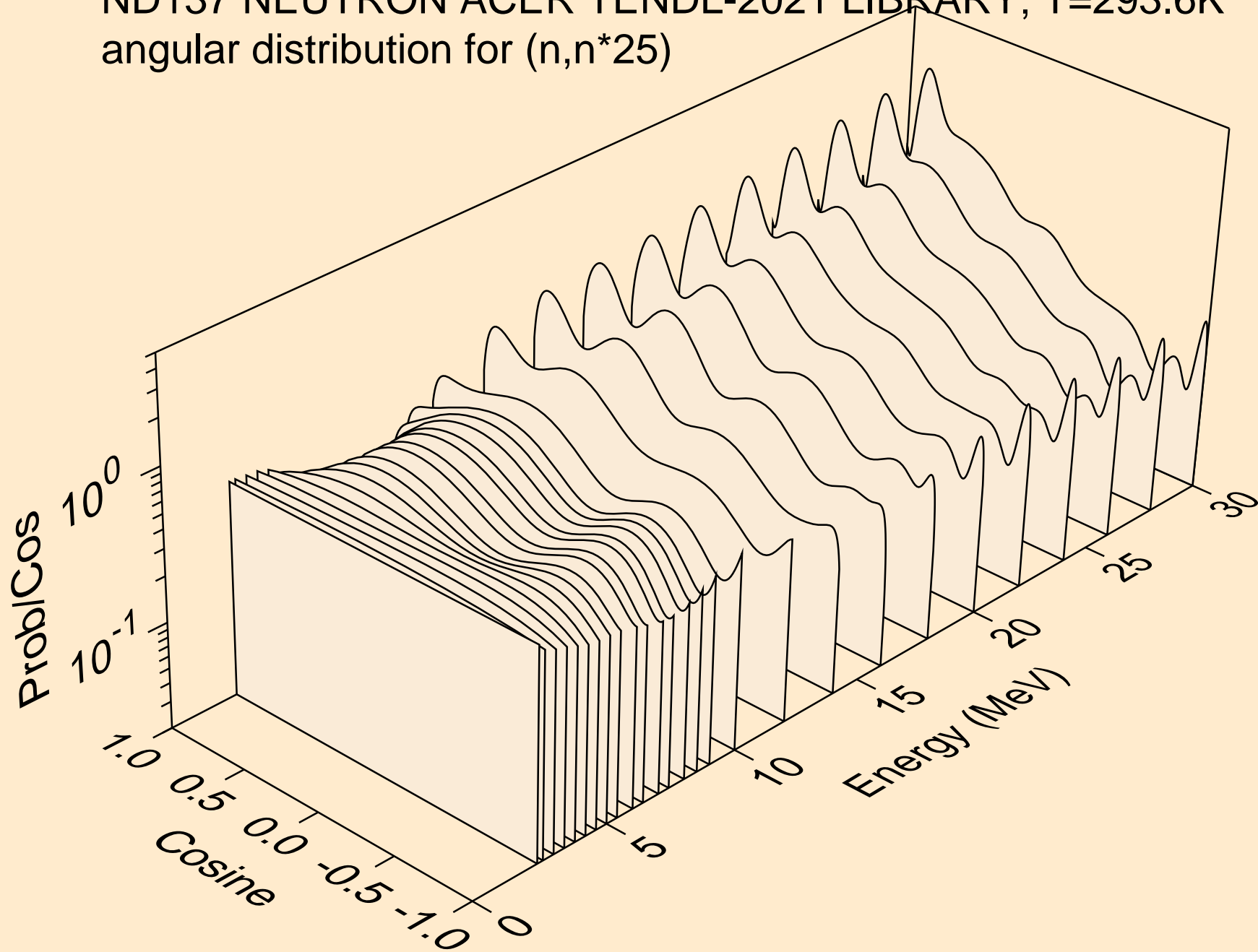
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



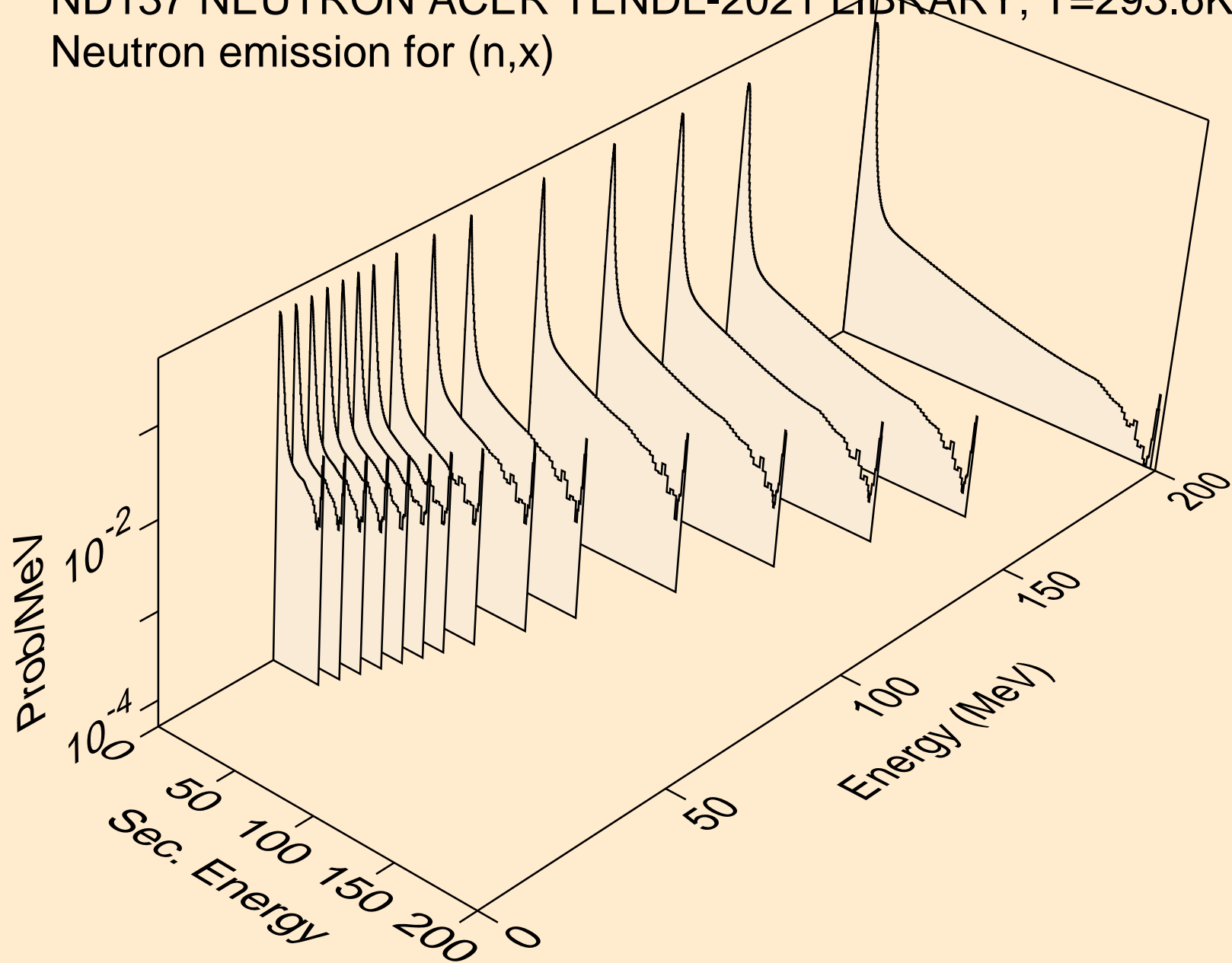
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

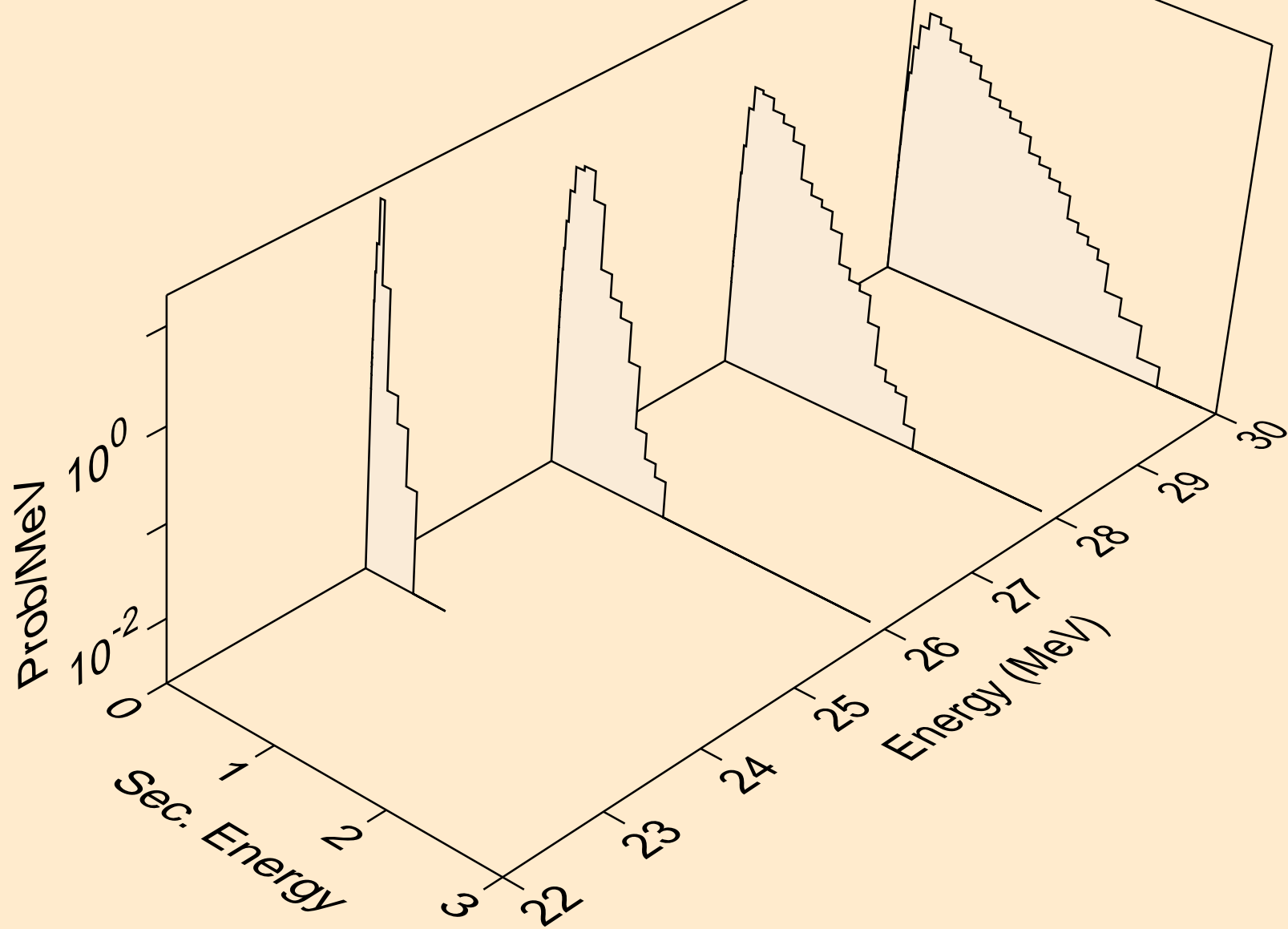


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,x)

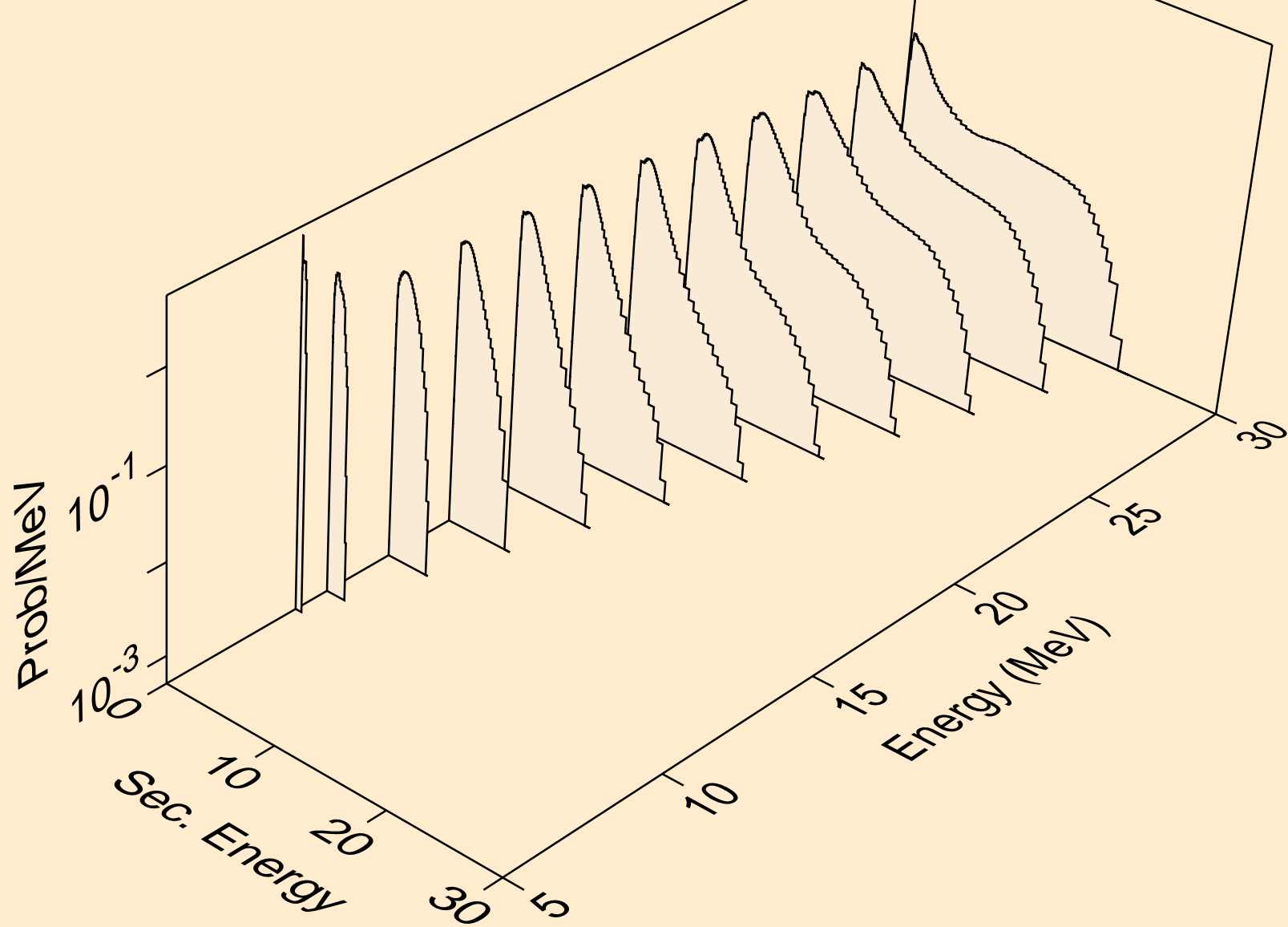




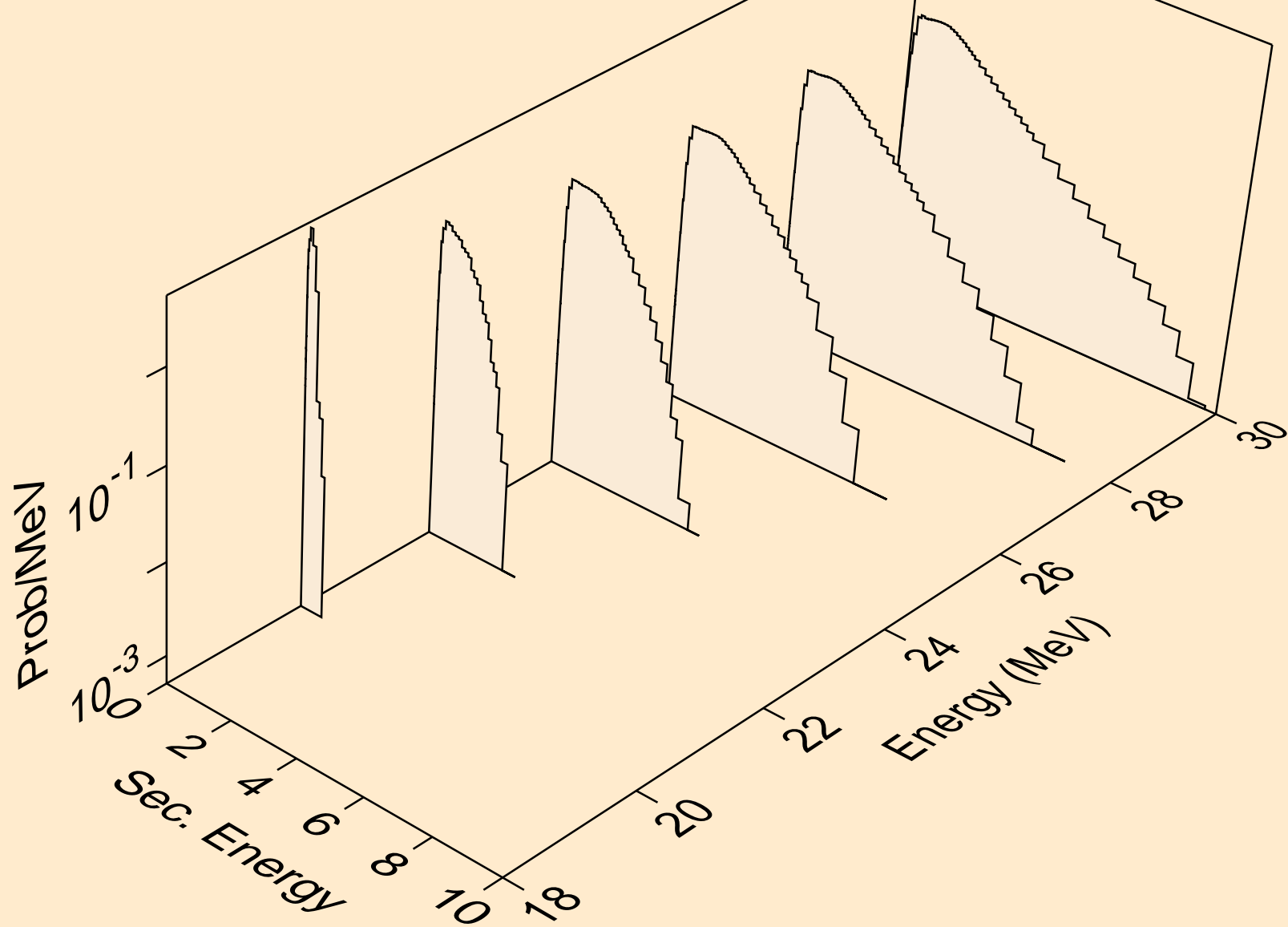
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



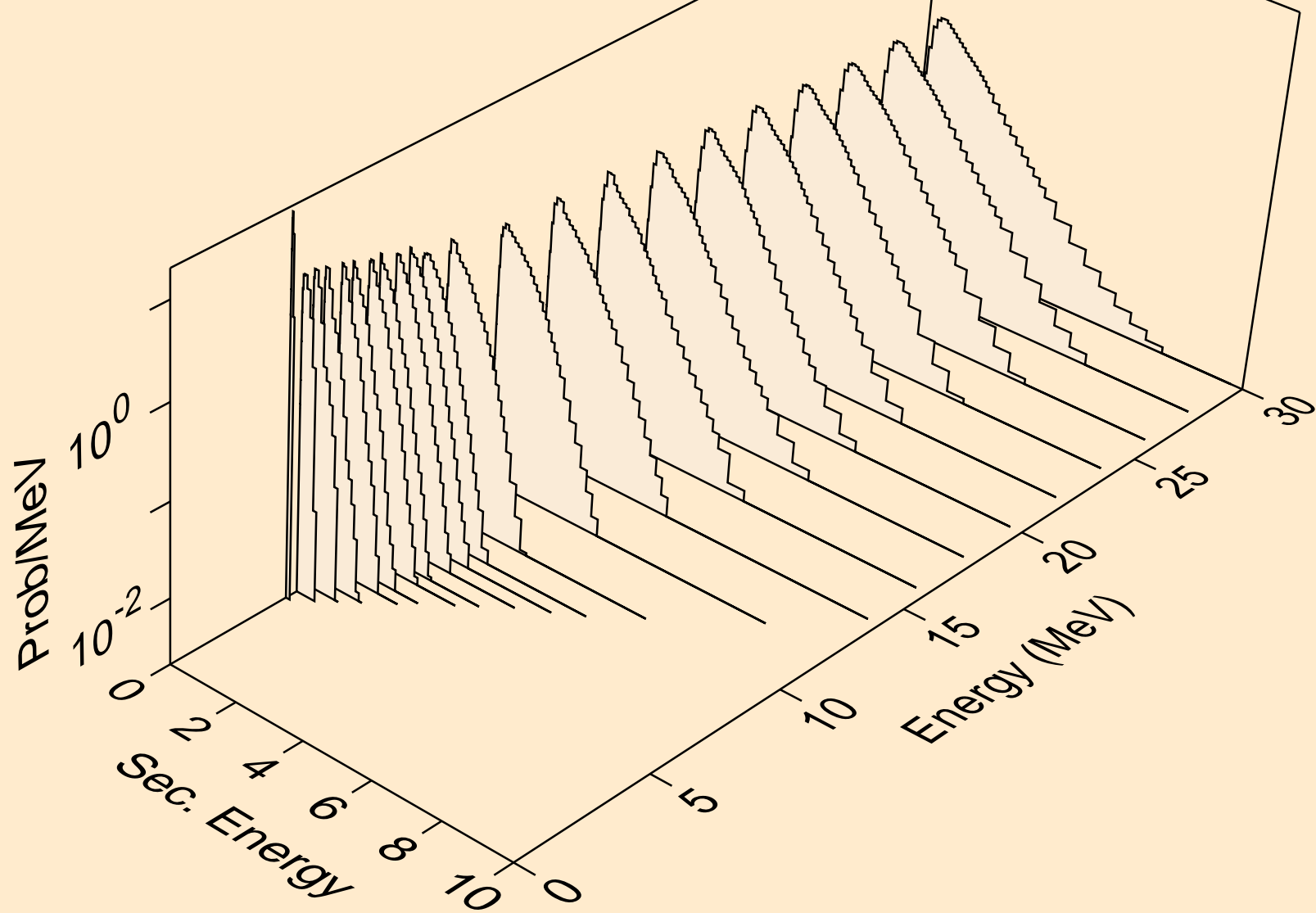
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



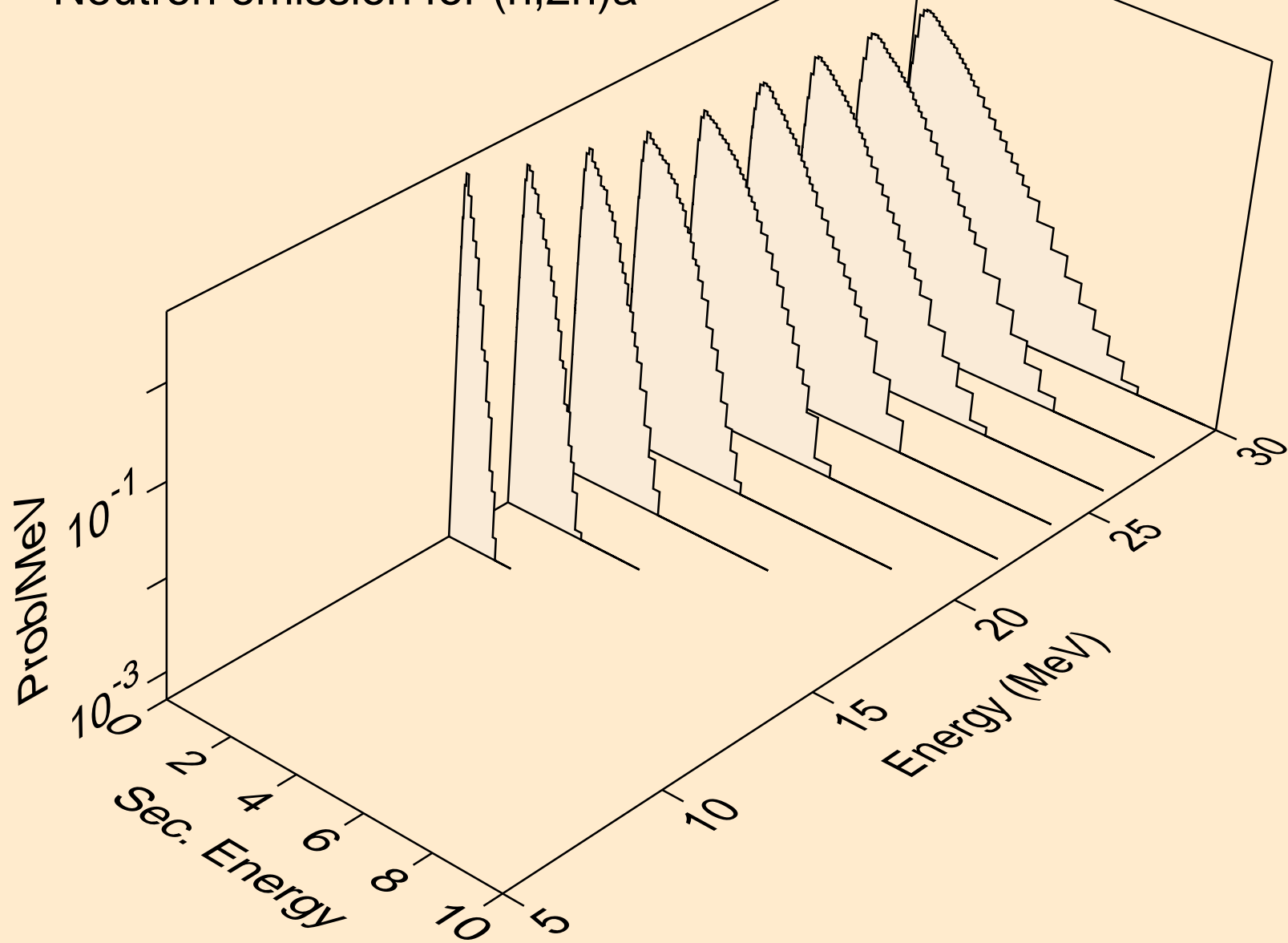
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



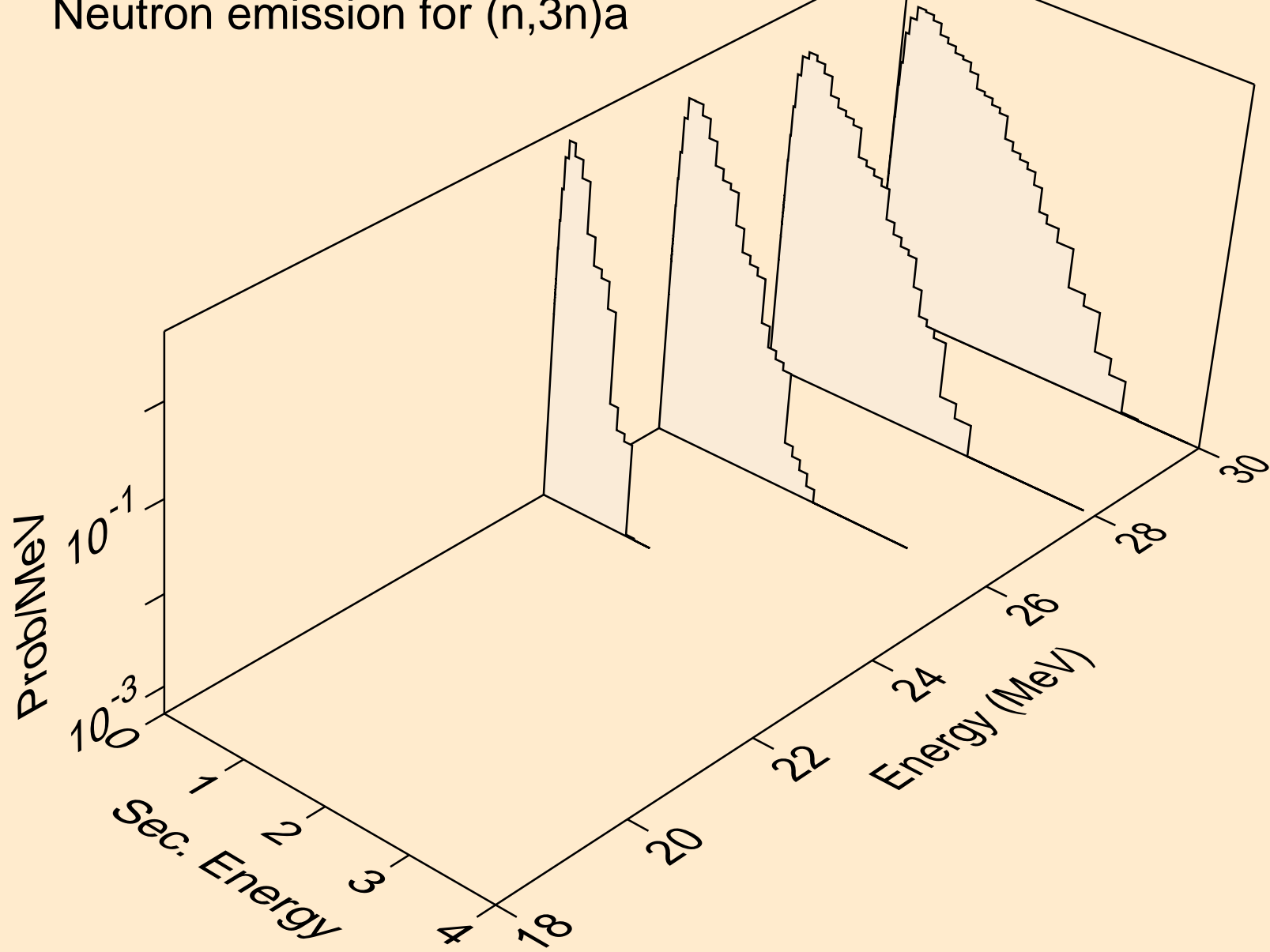
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



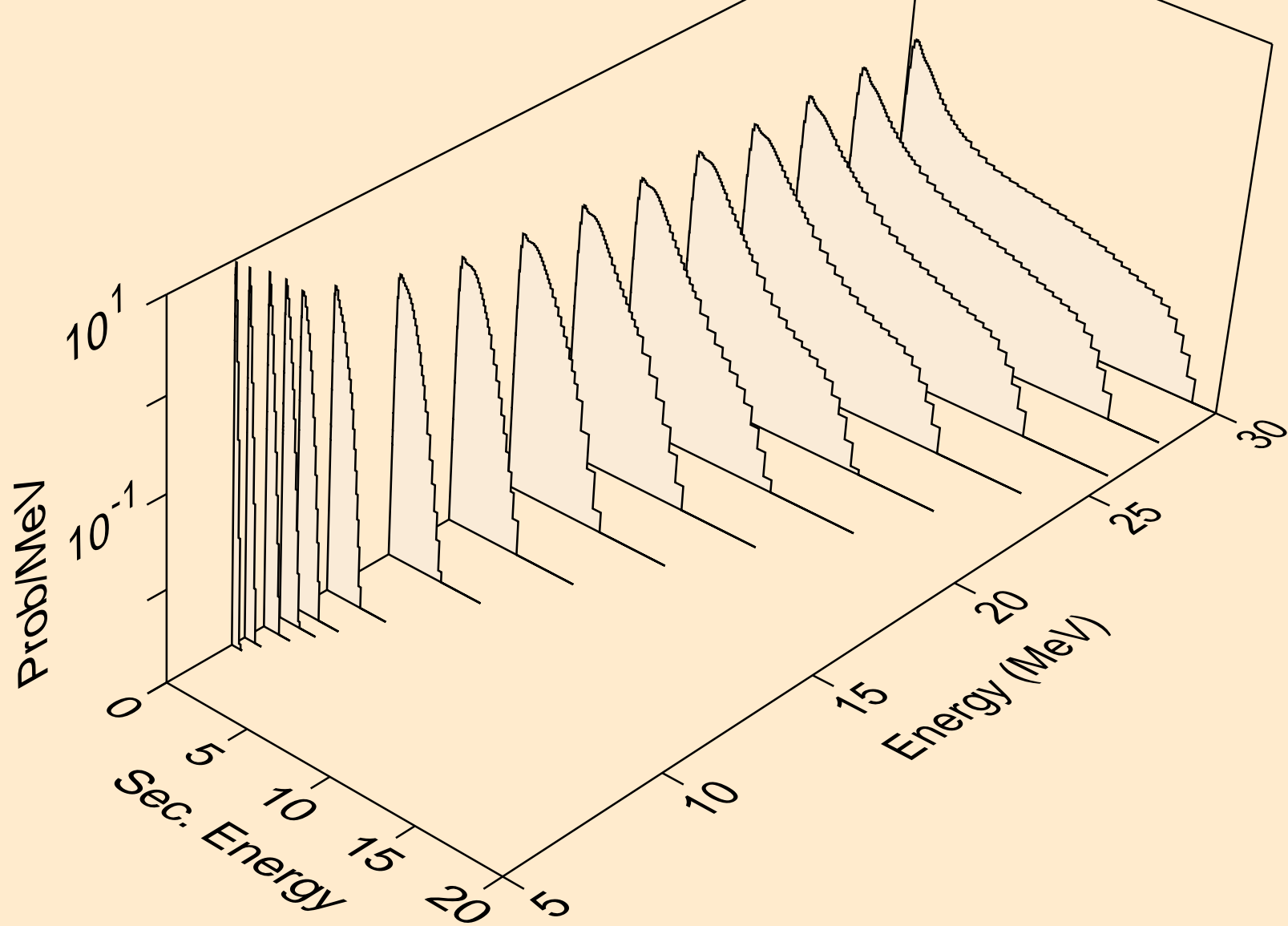
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



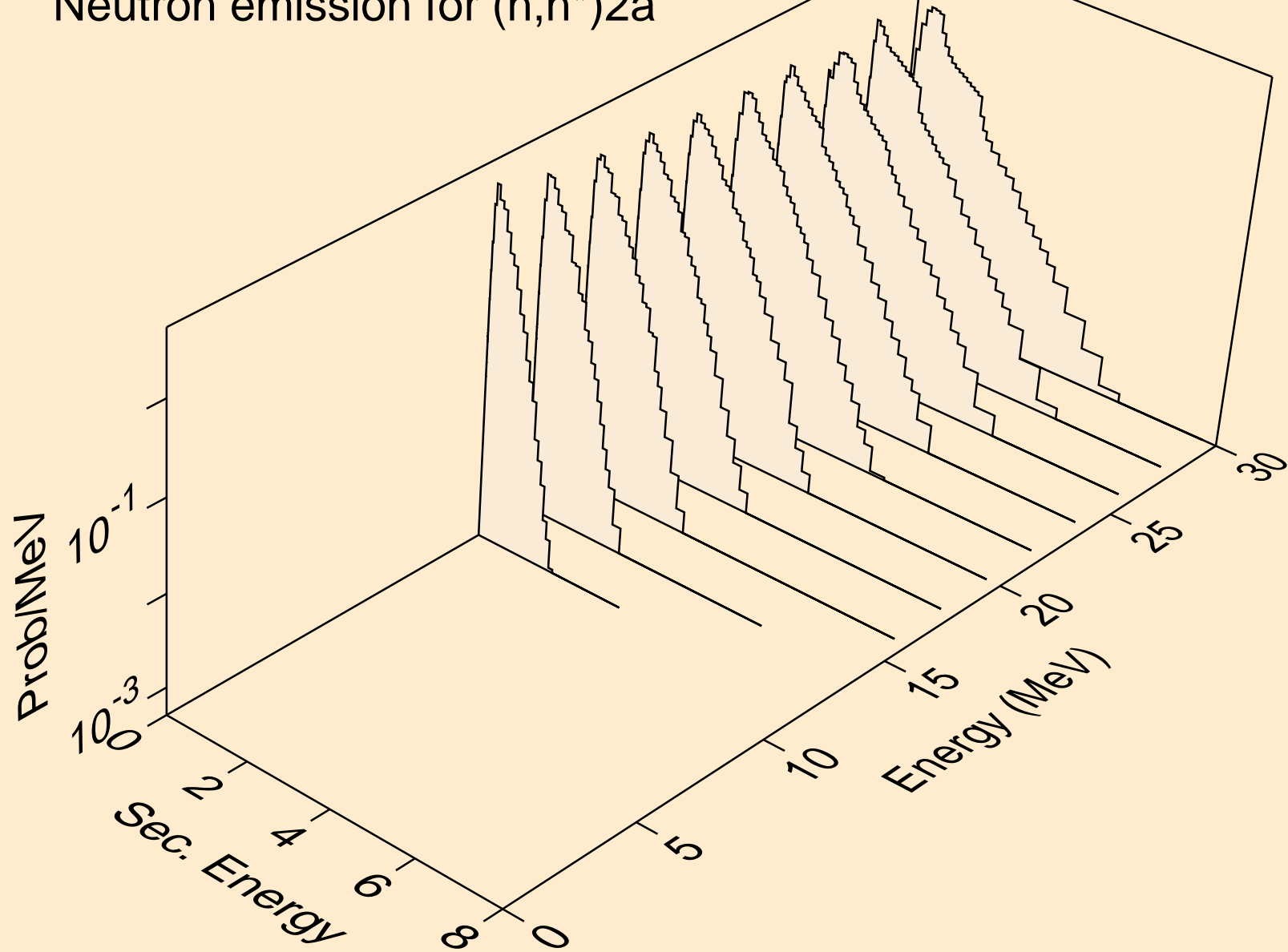
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p

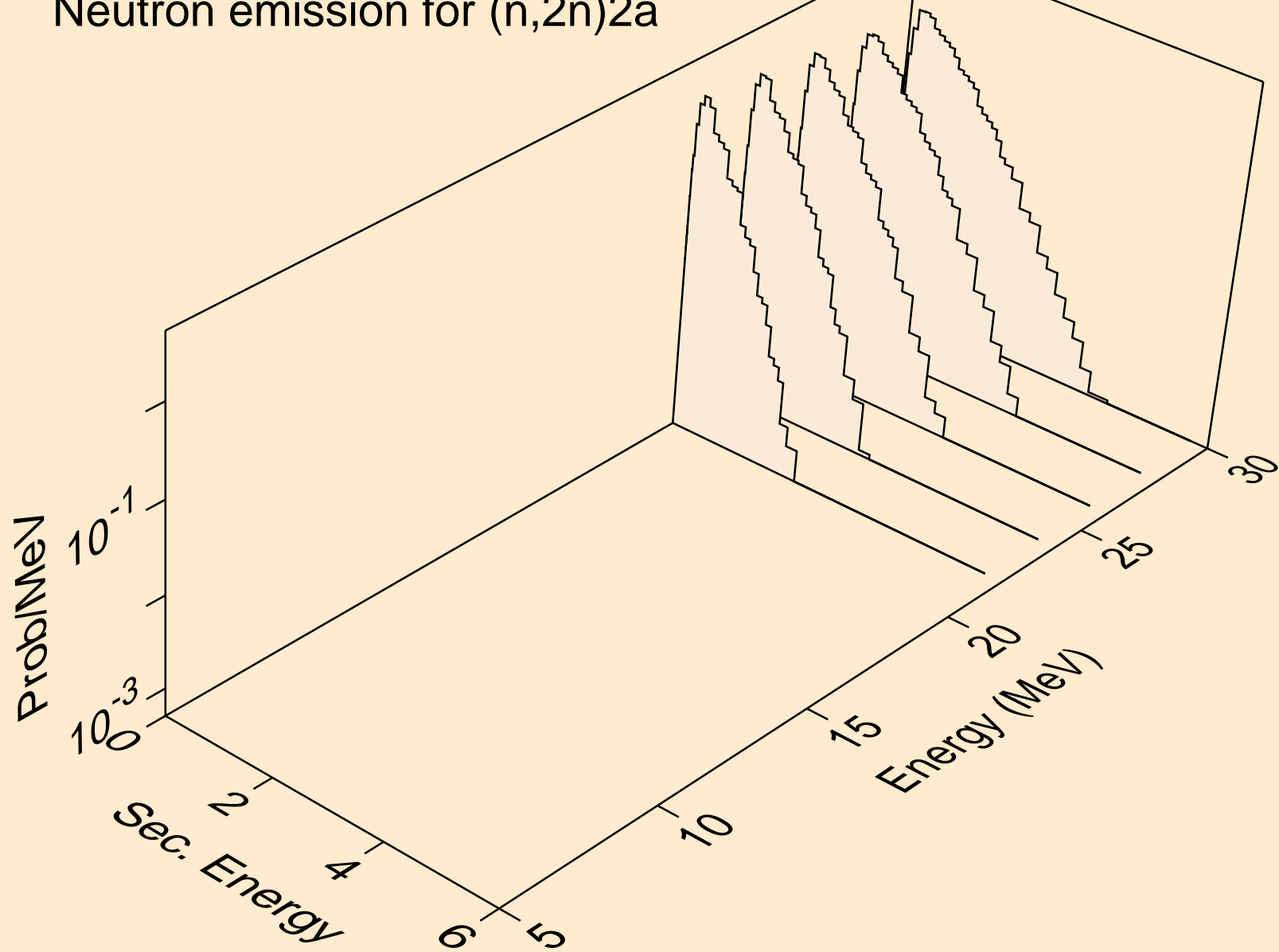


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a

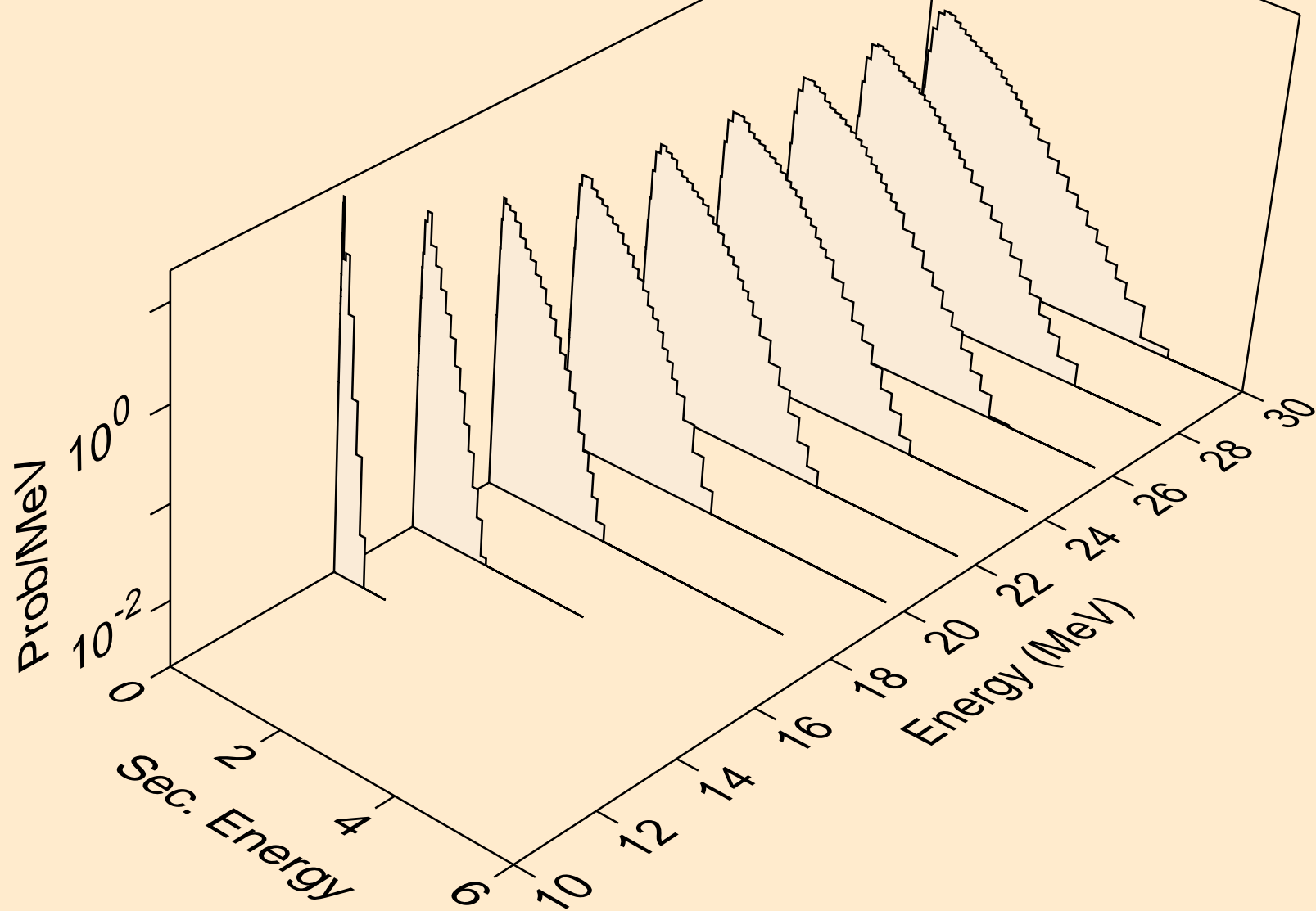




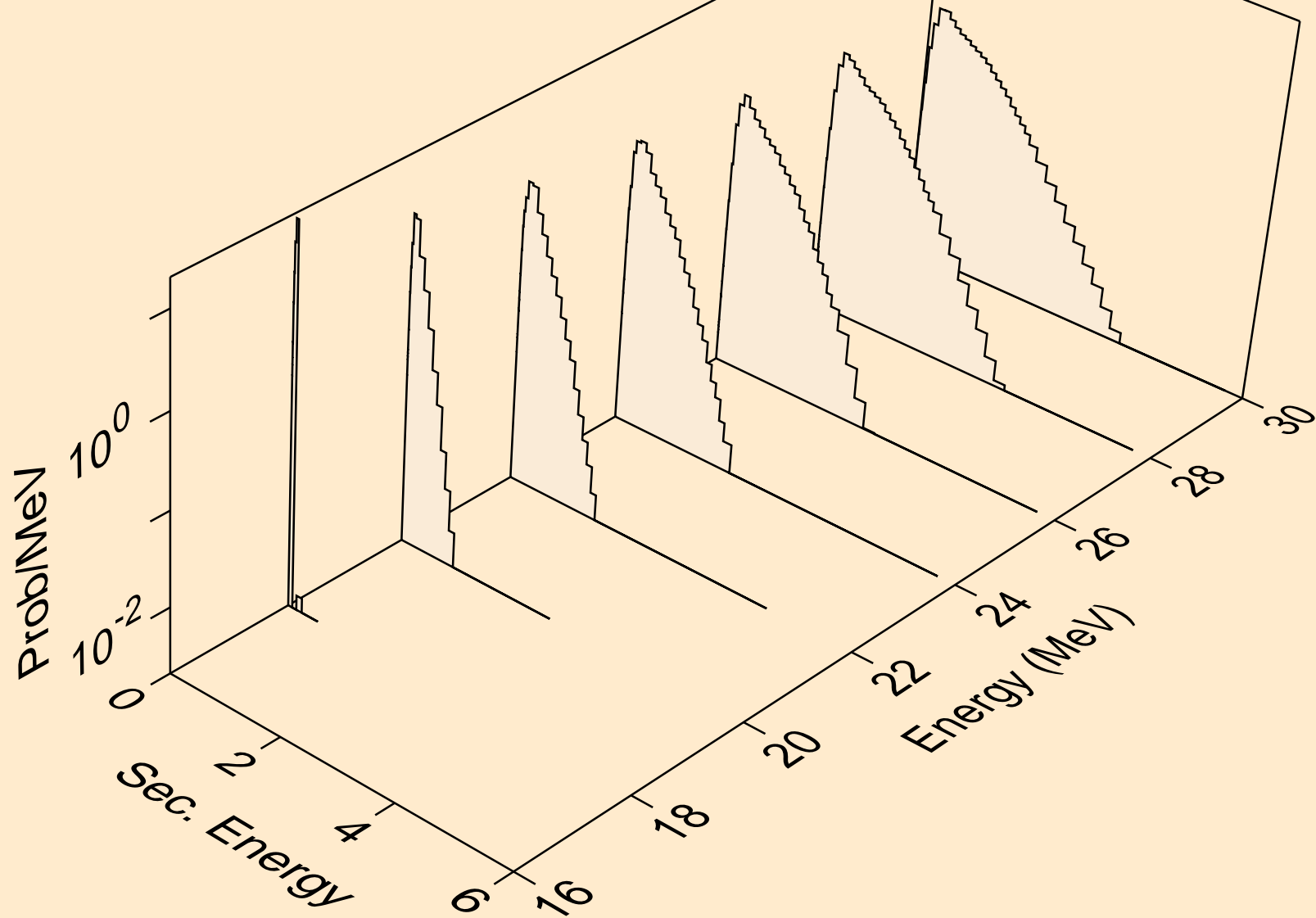
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2n)2a



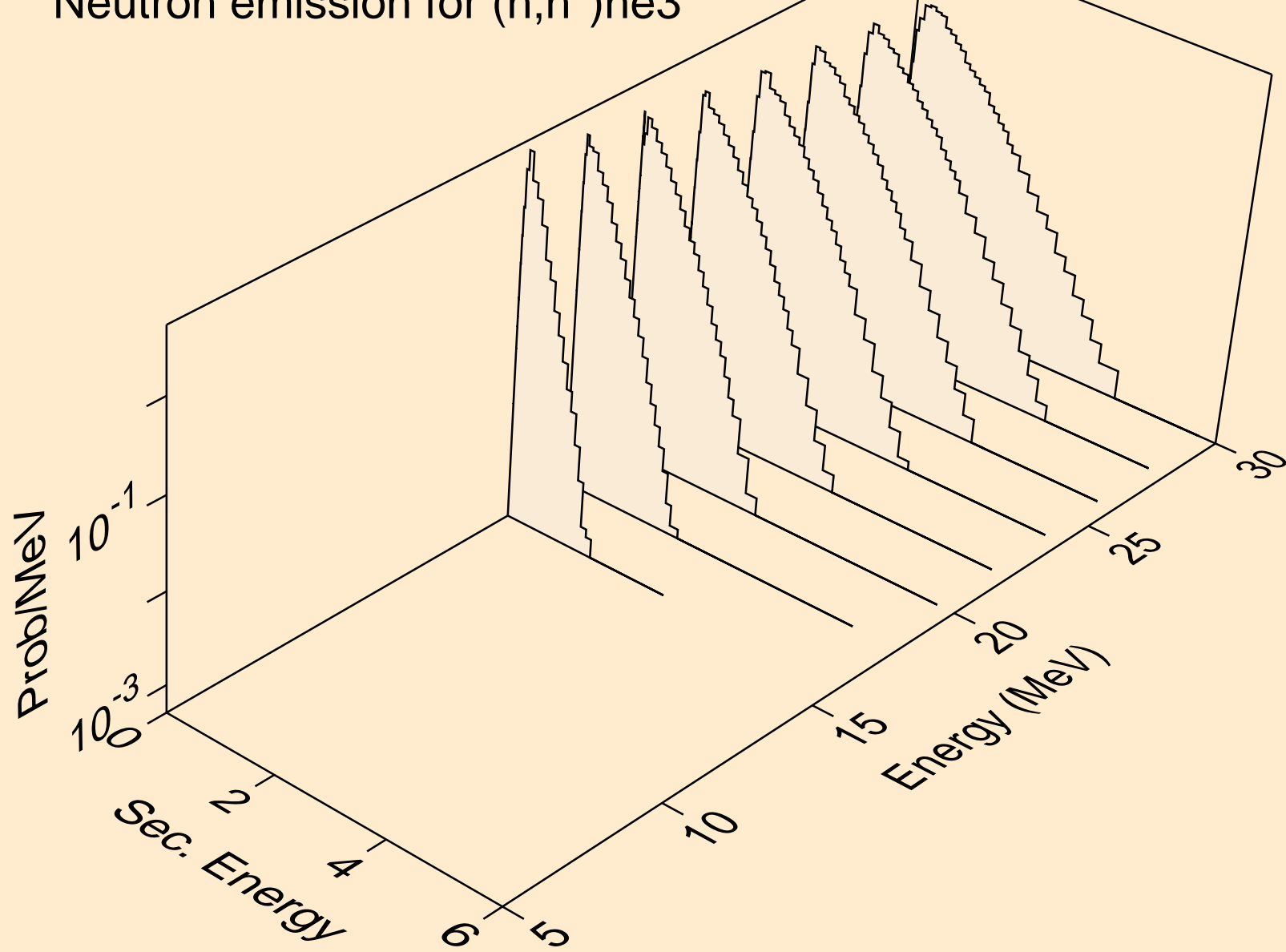
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



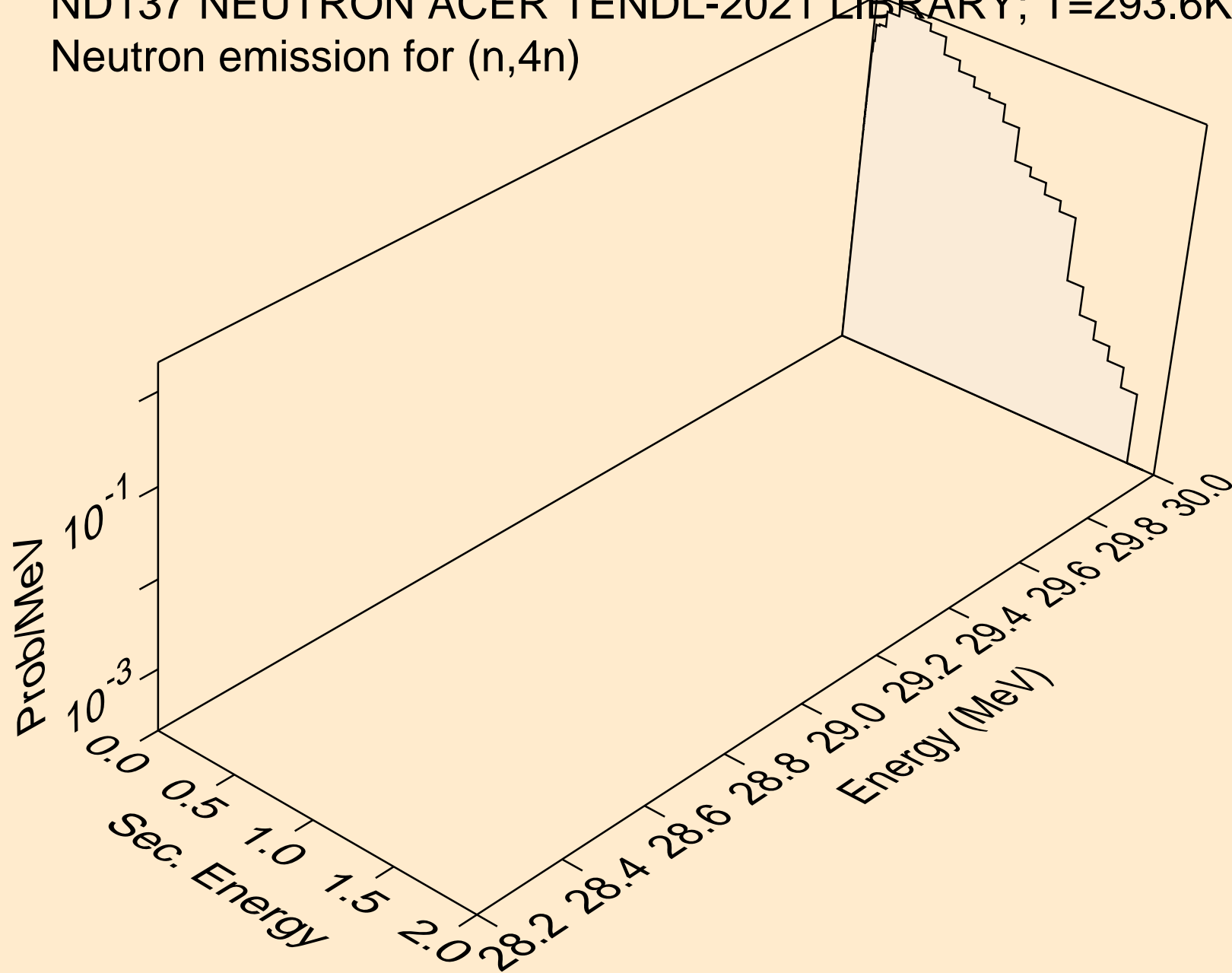
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



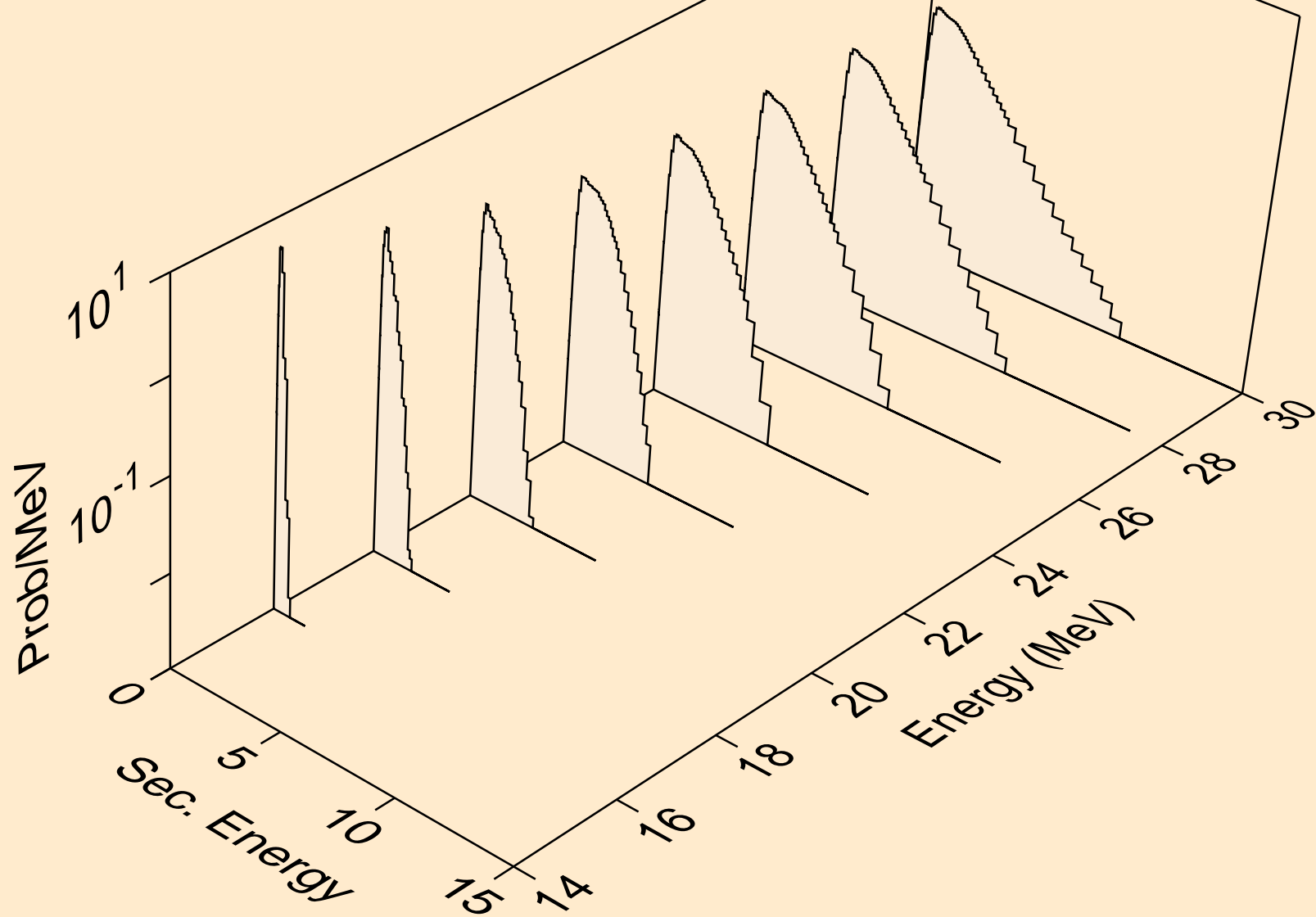
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



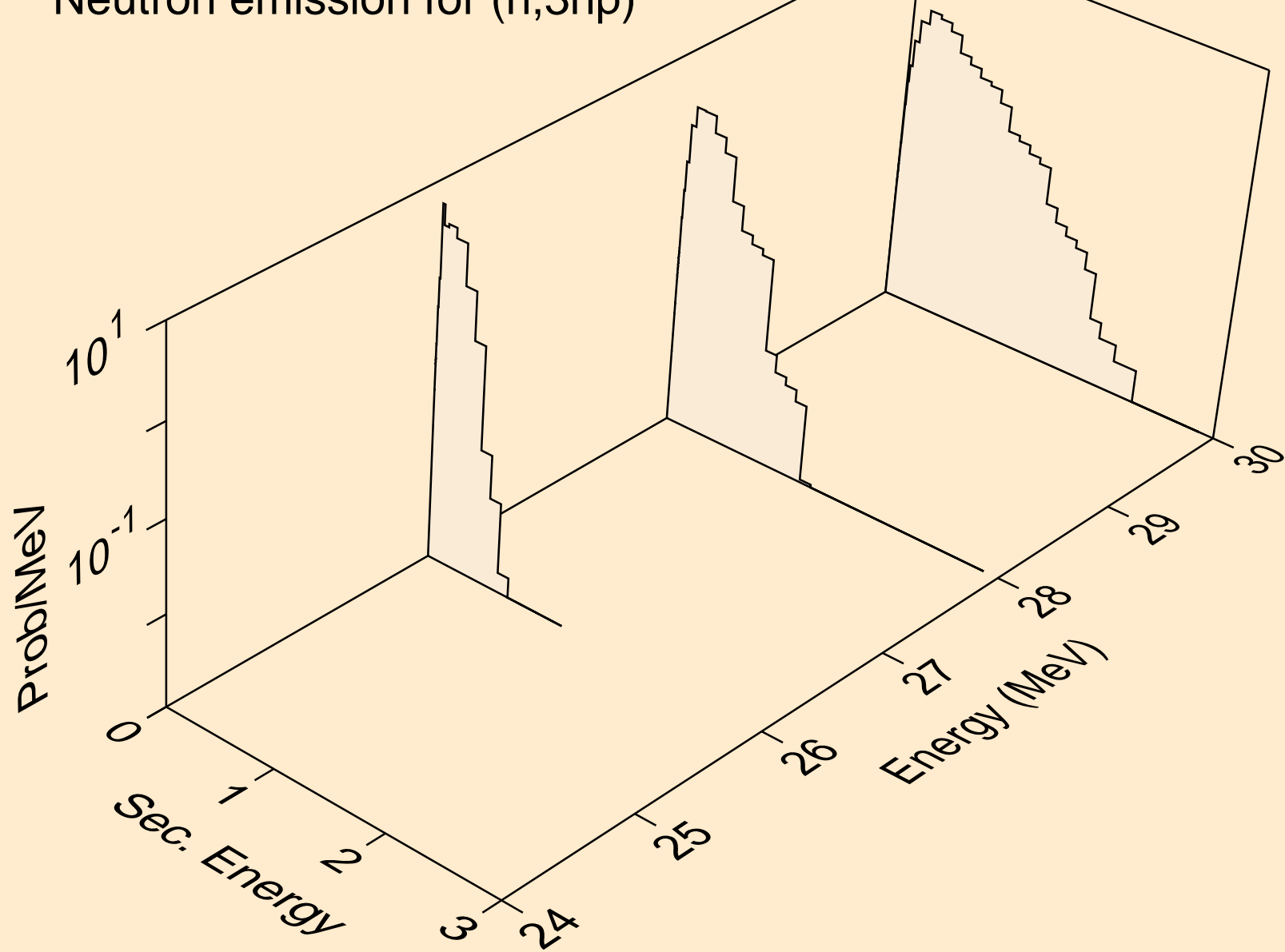
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



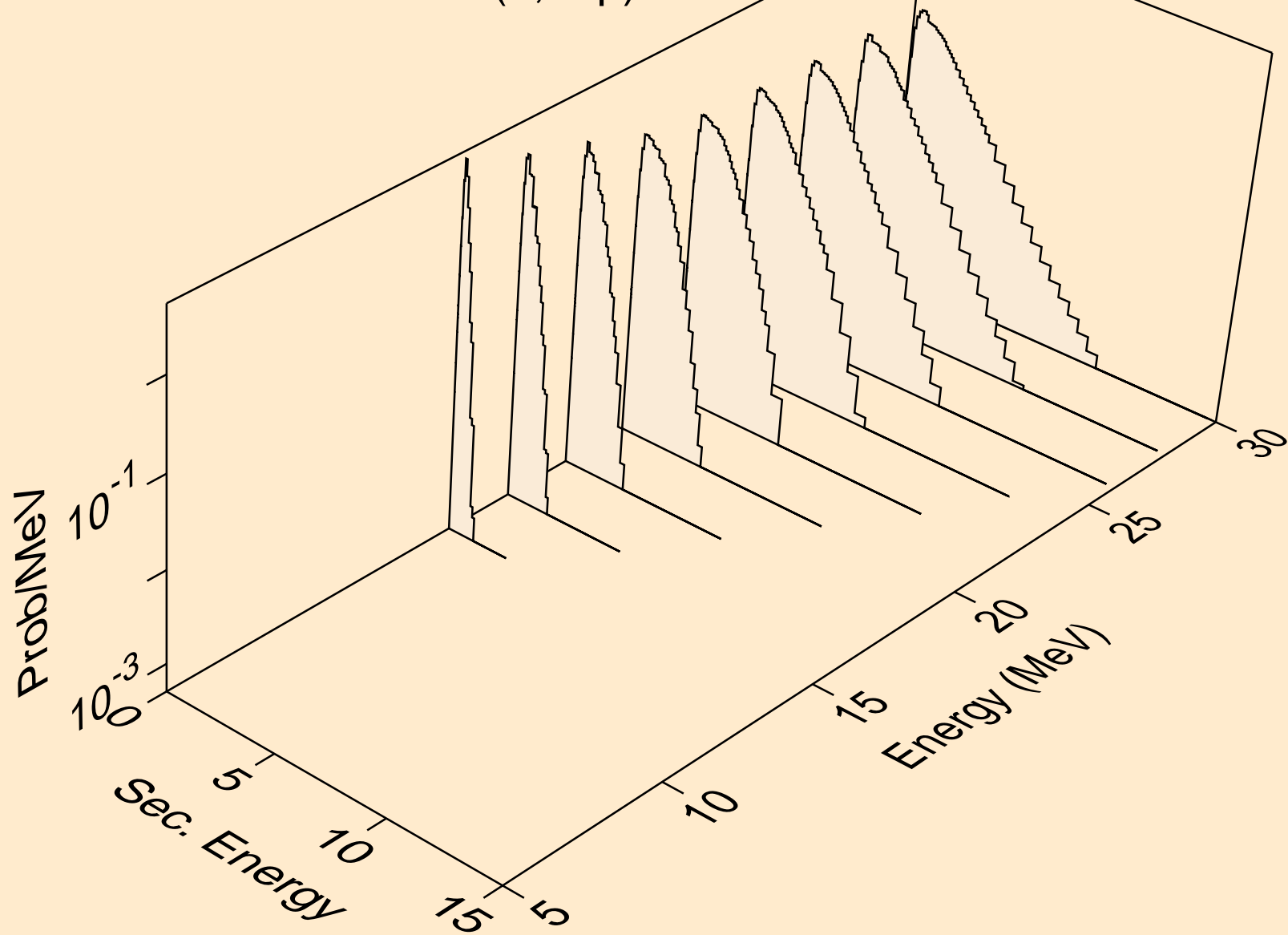
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,3np)

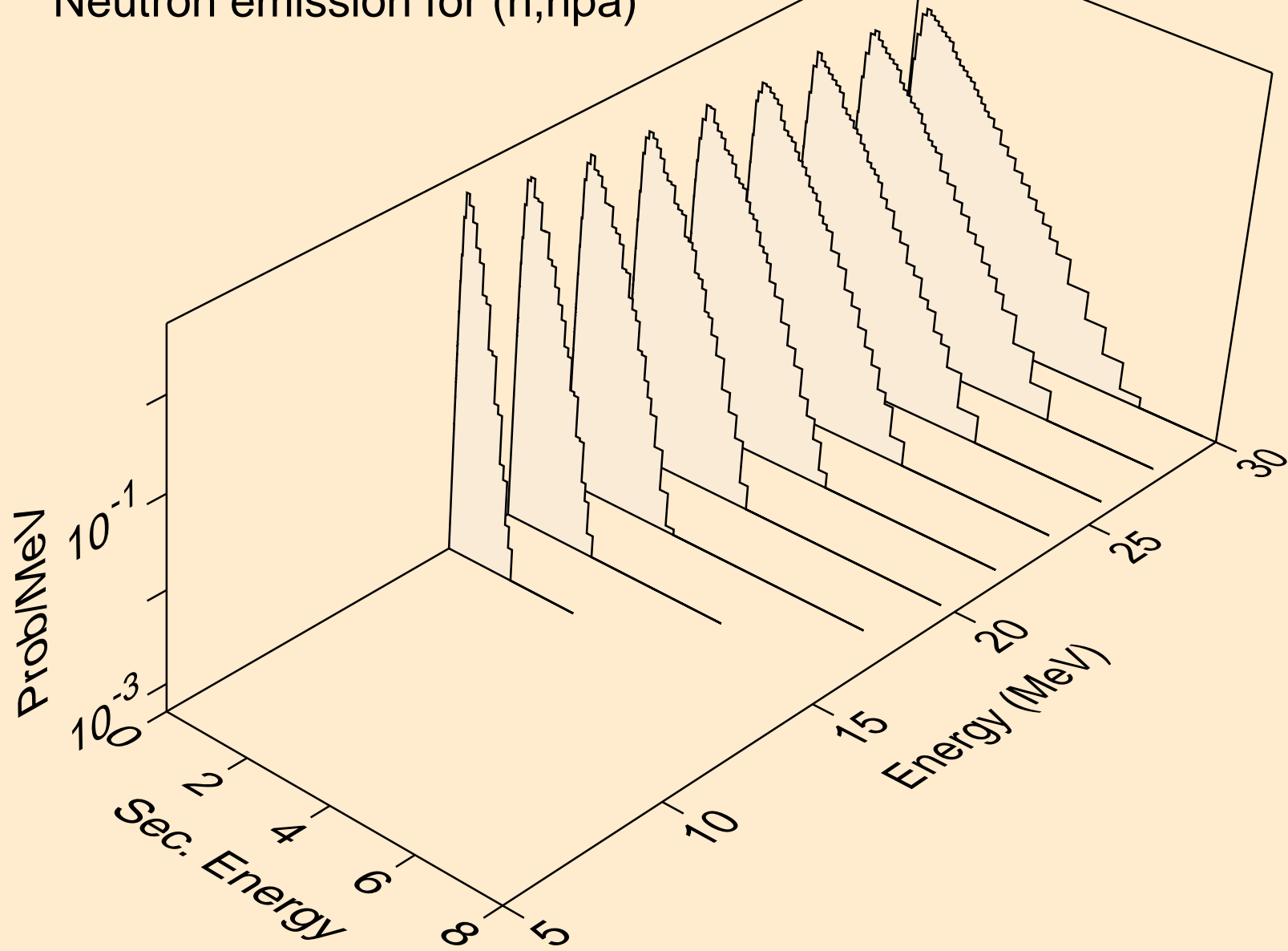


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,2np)

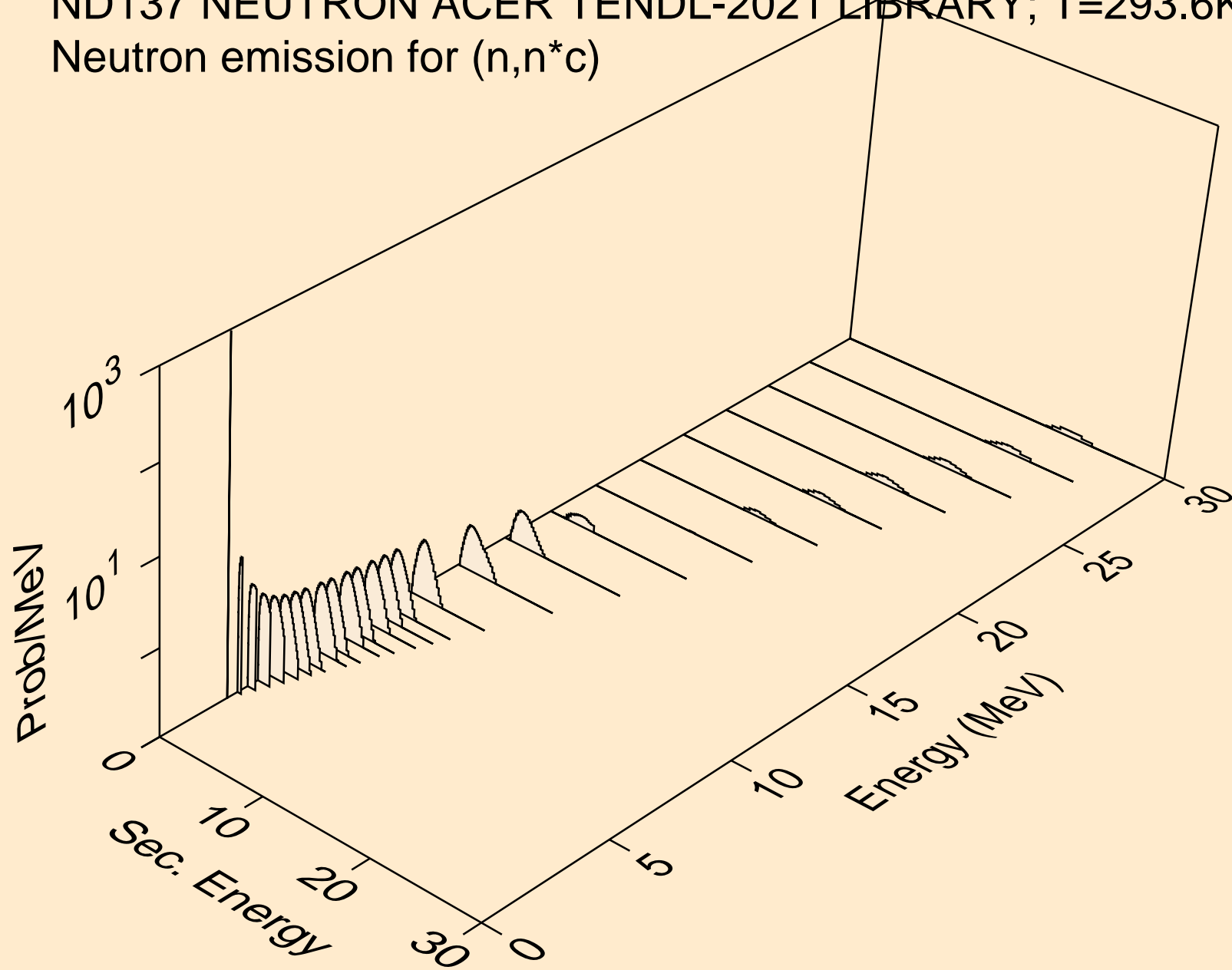




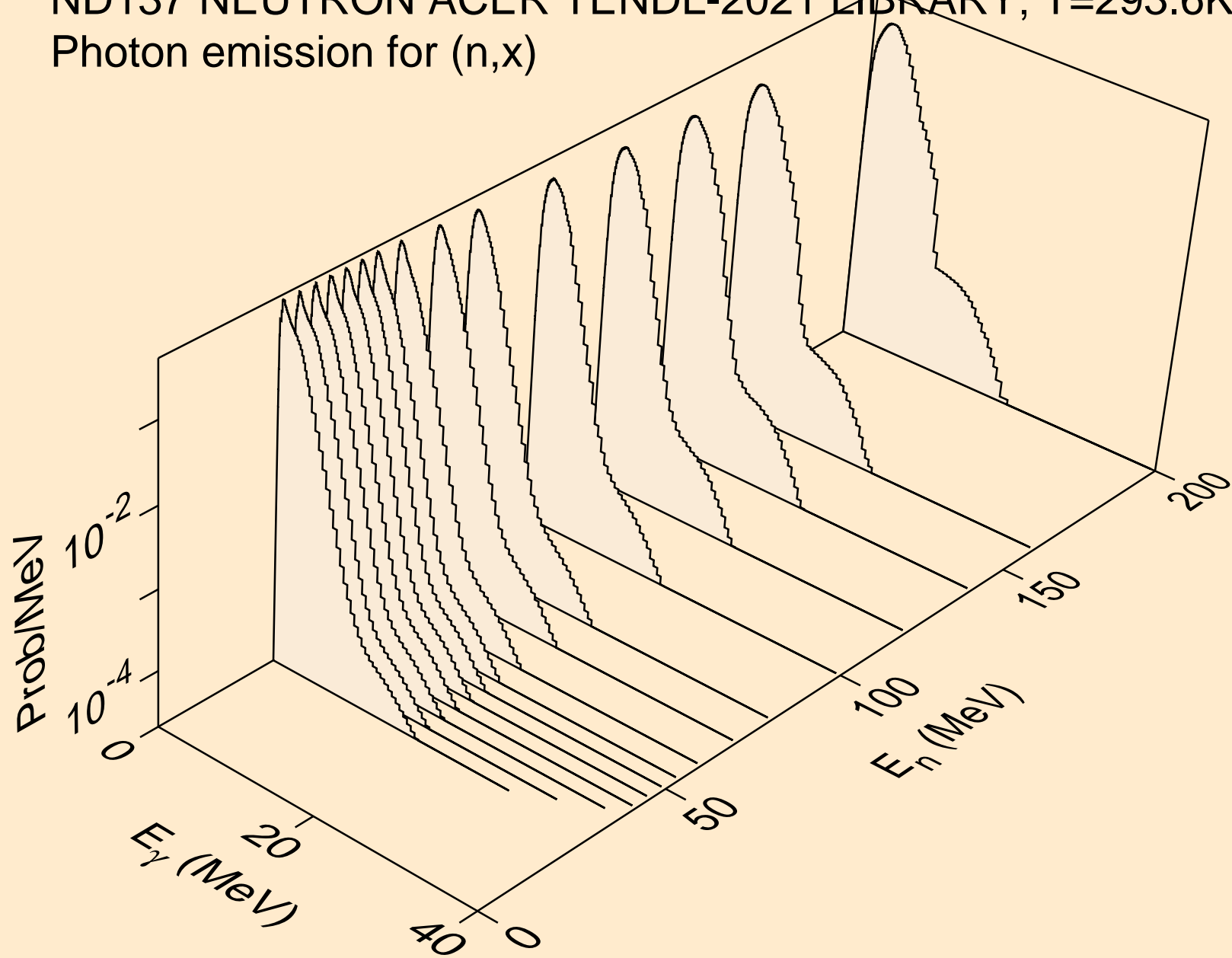
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



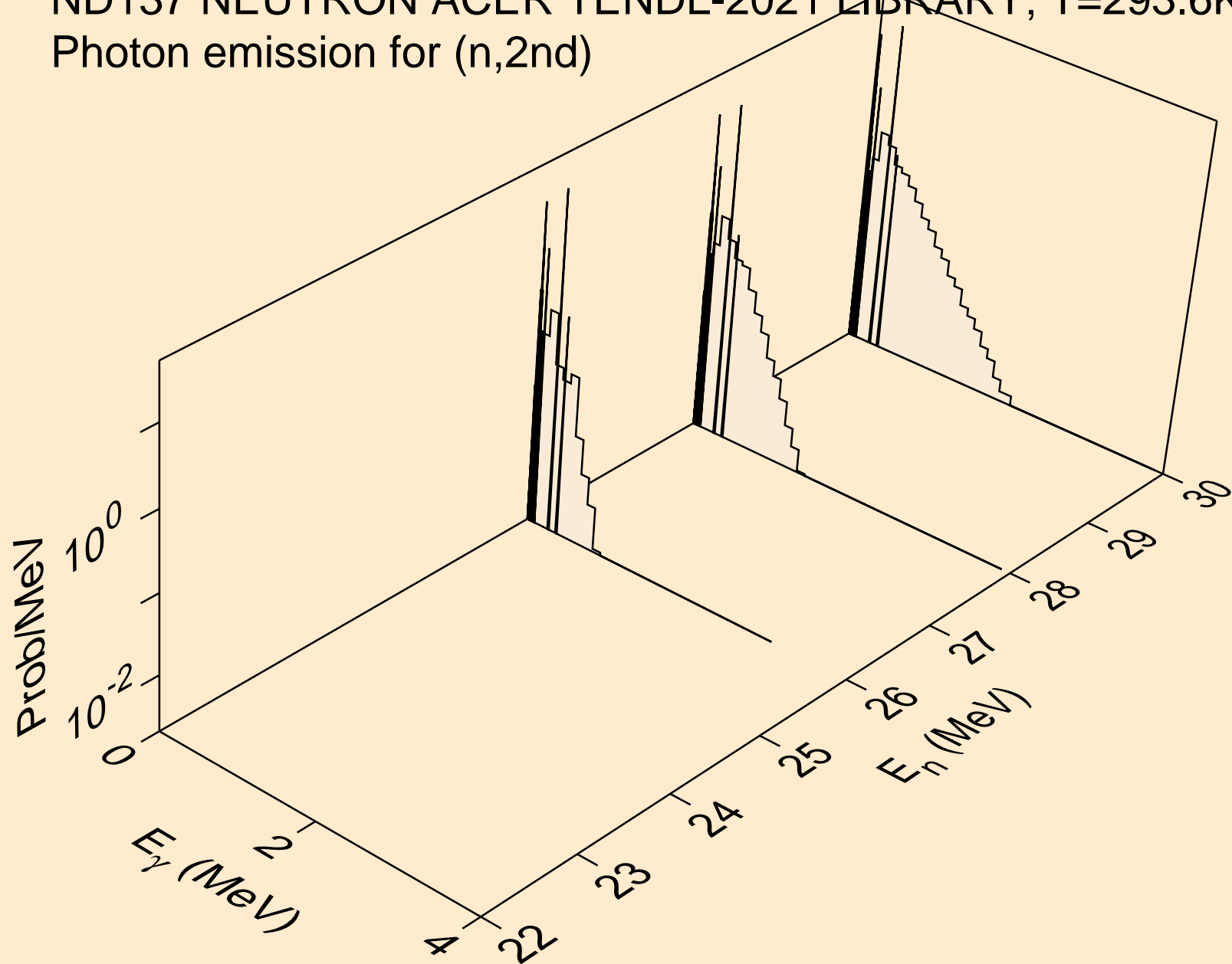
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



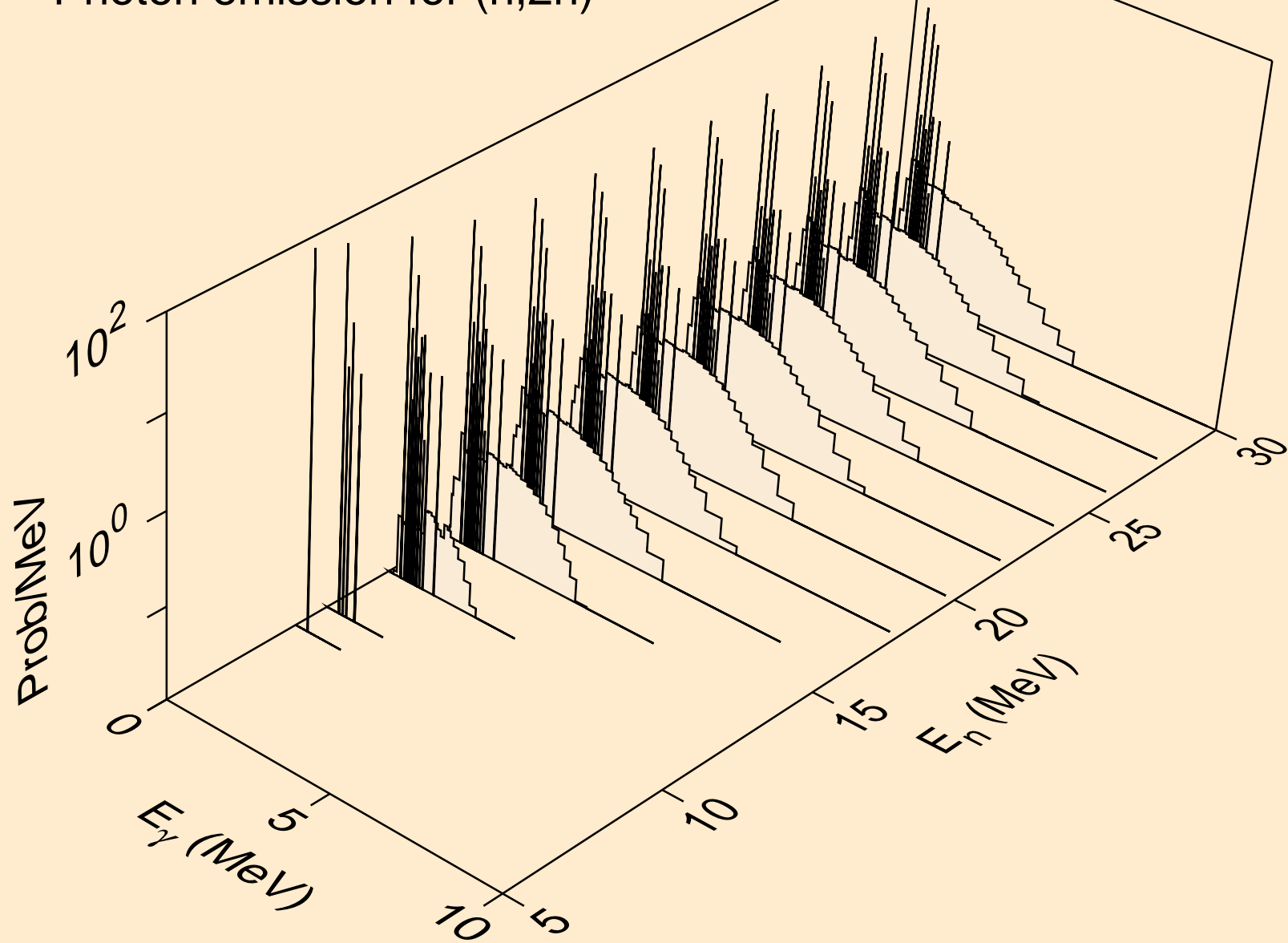
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,x)



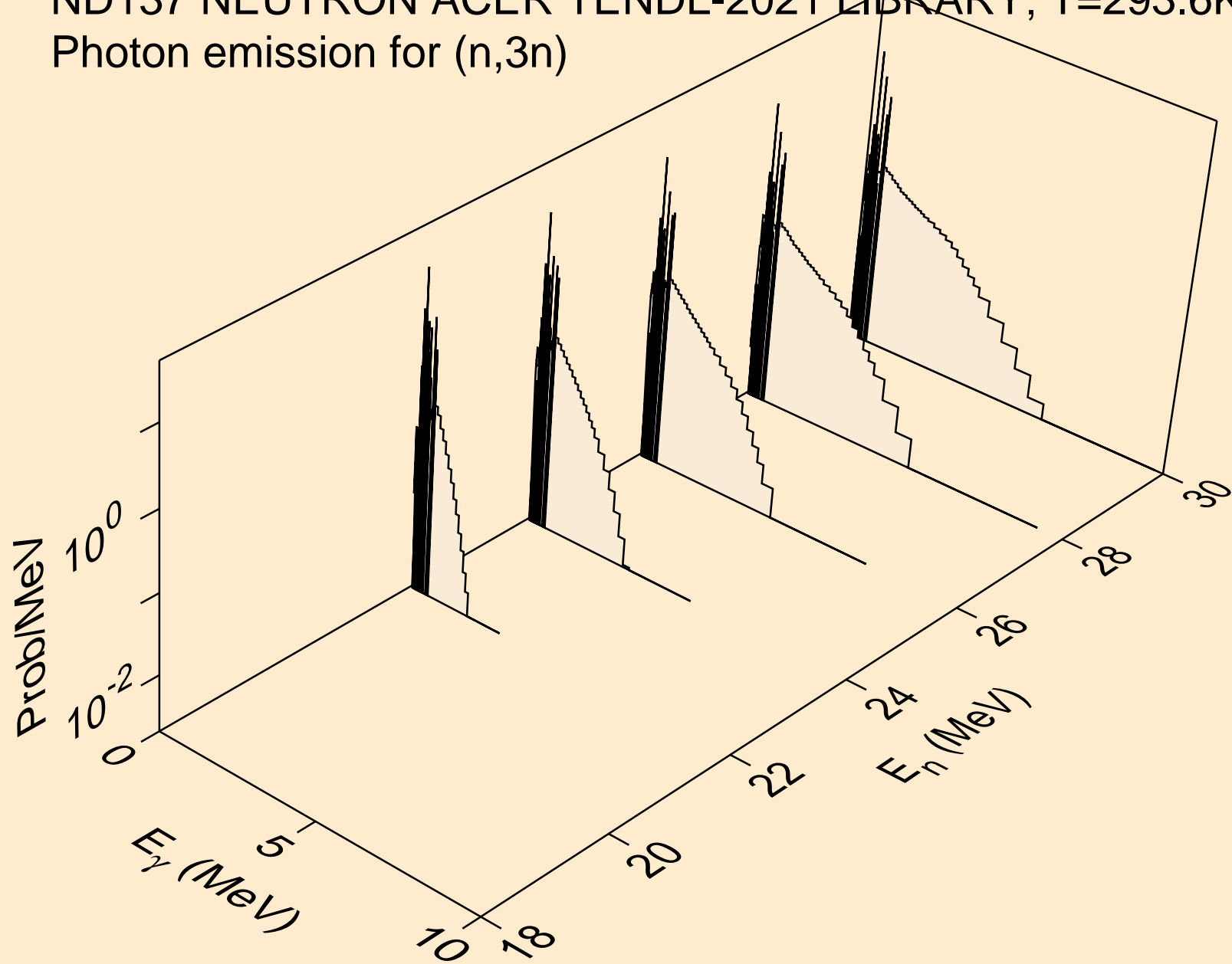
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



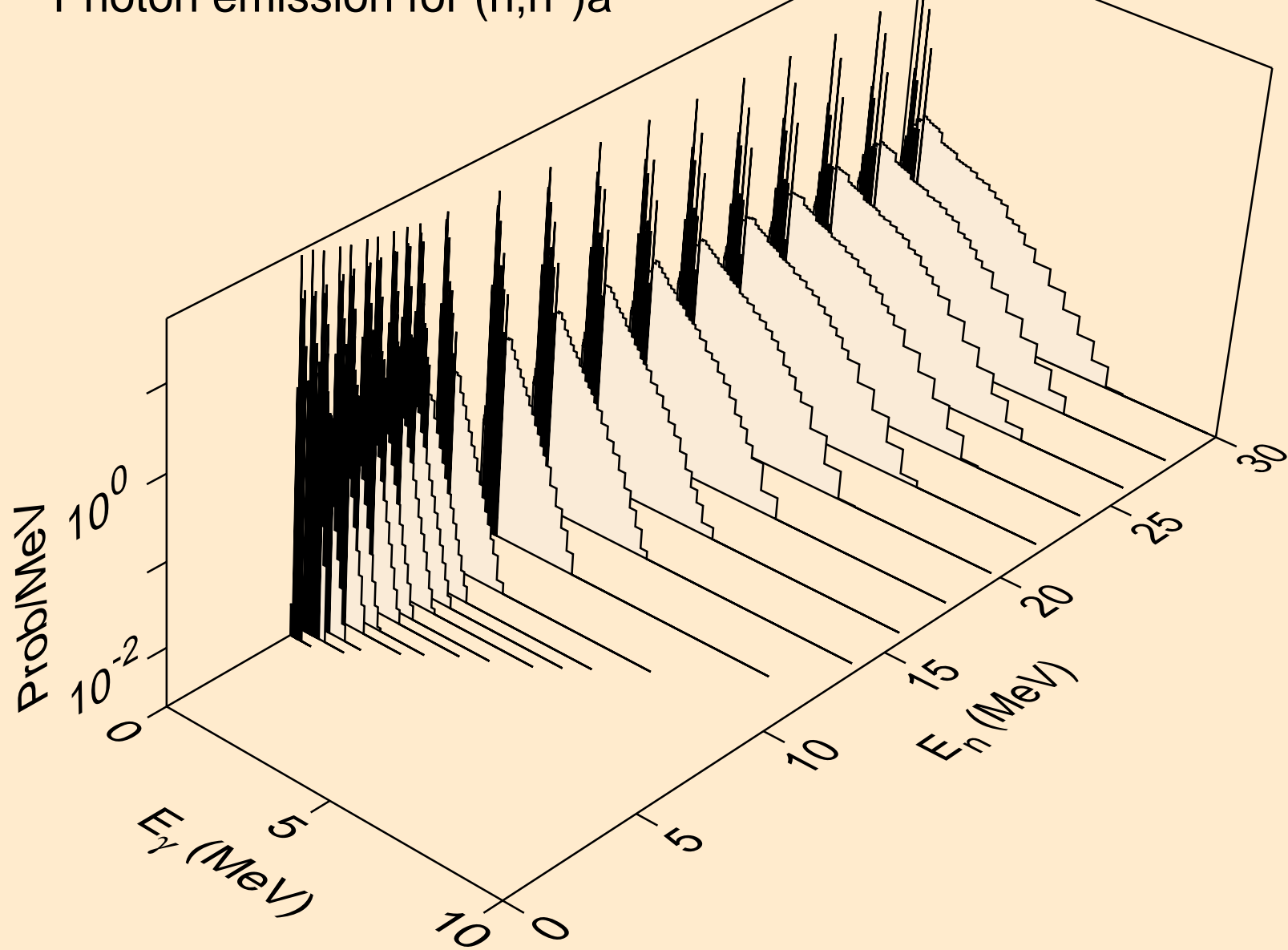
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)



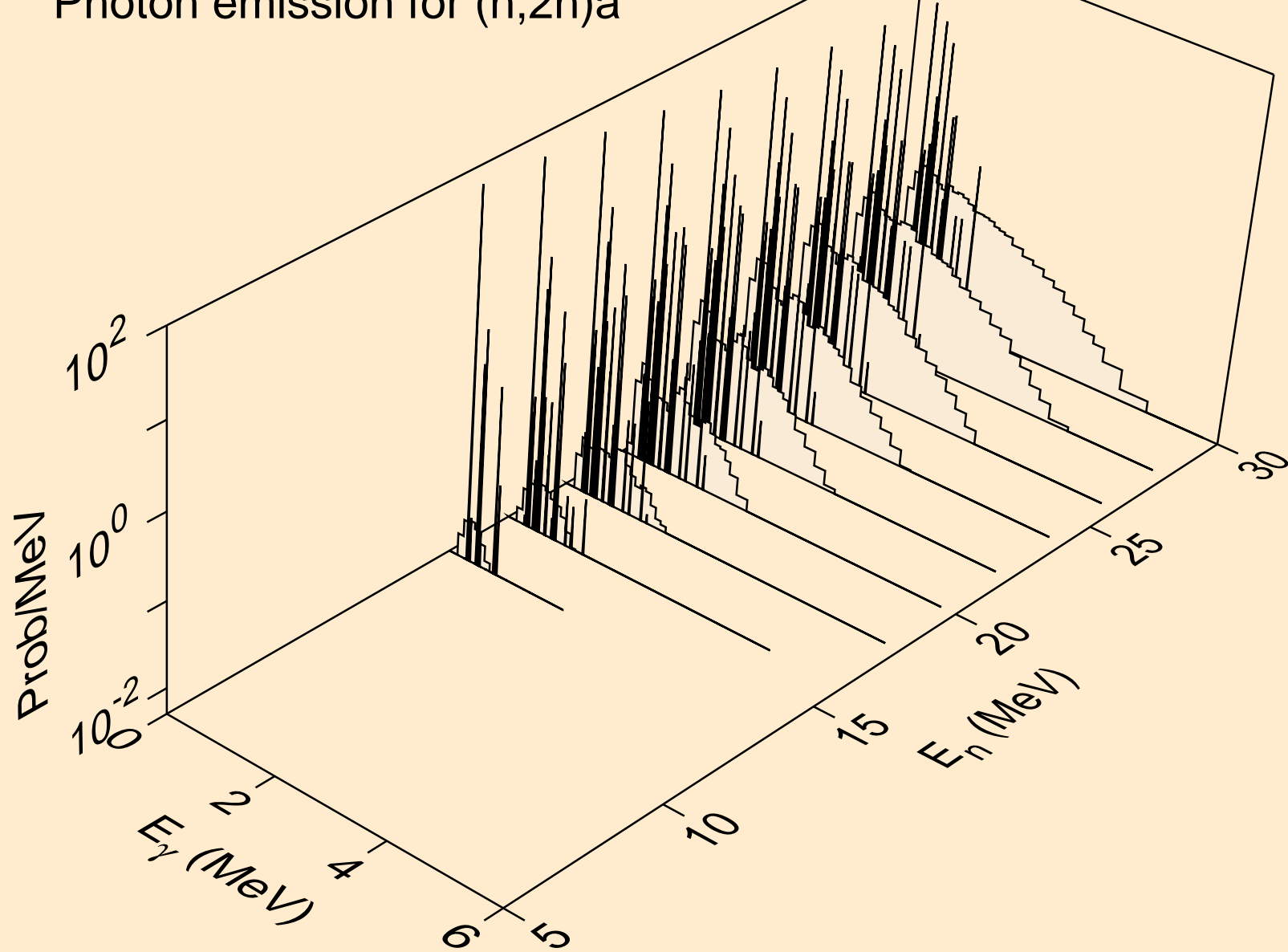
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a

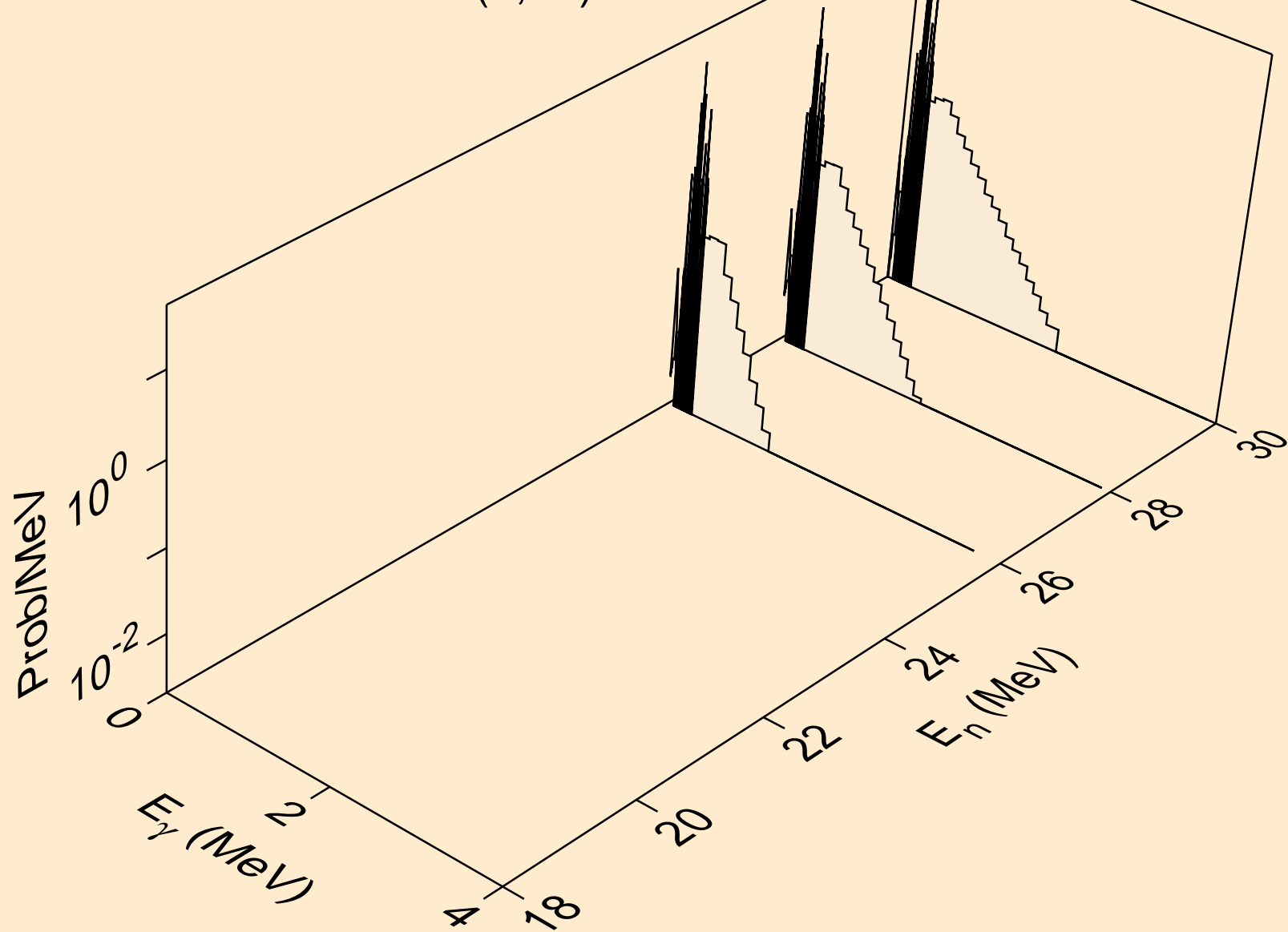


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)a

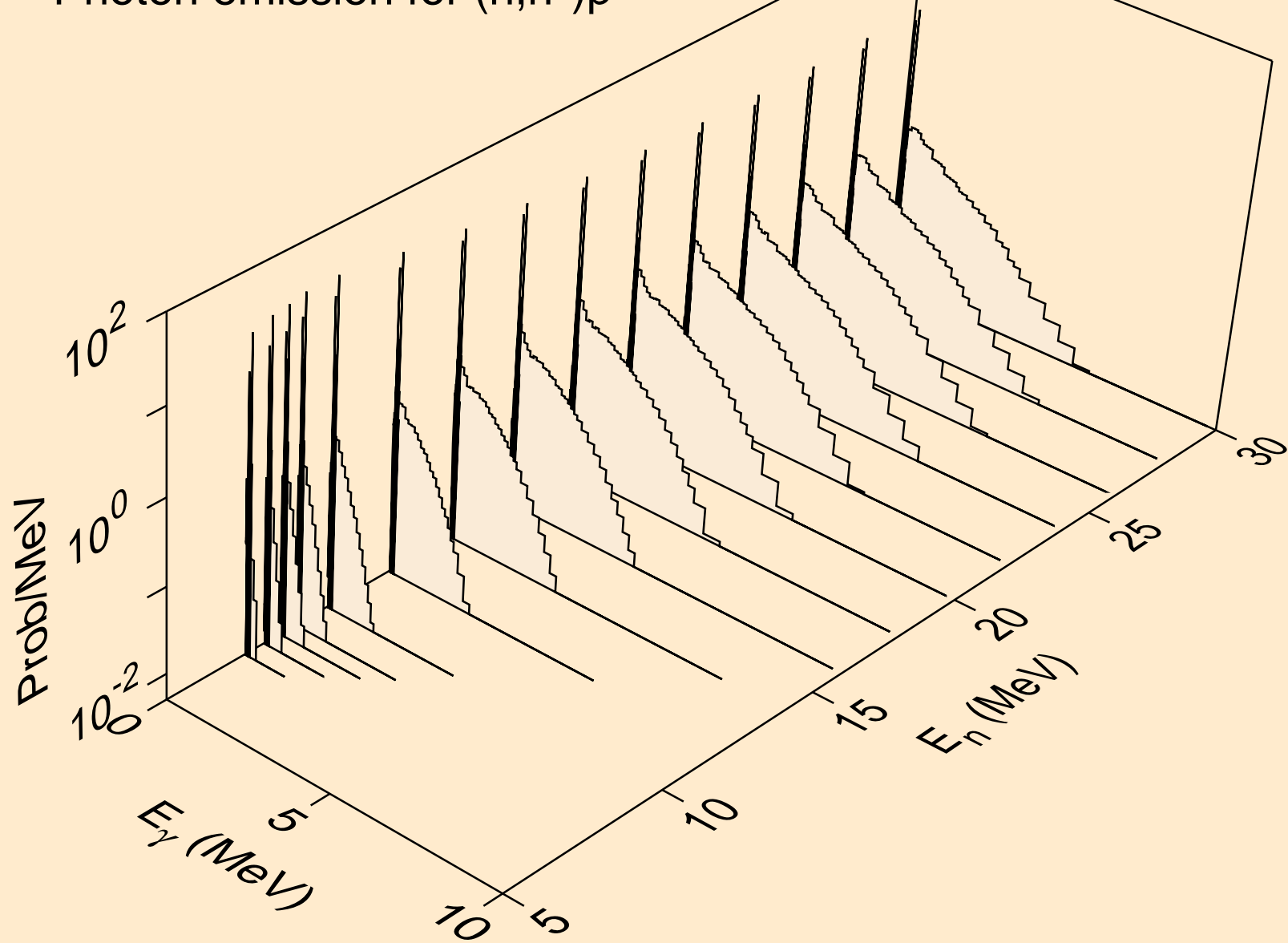




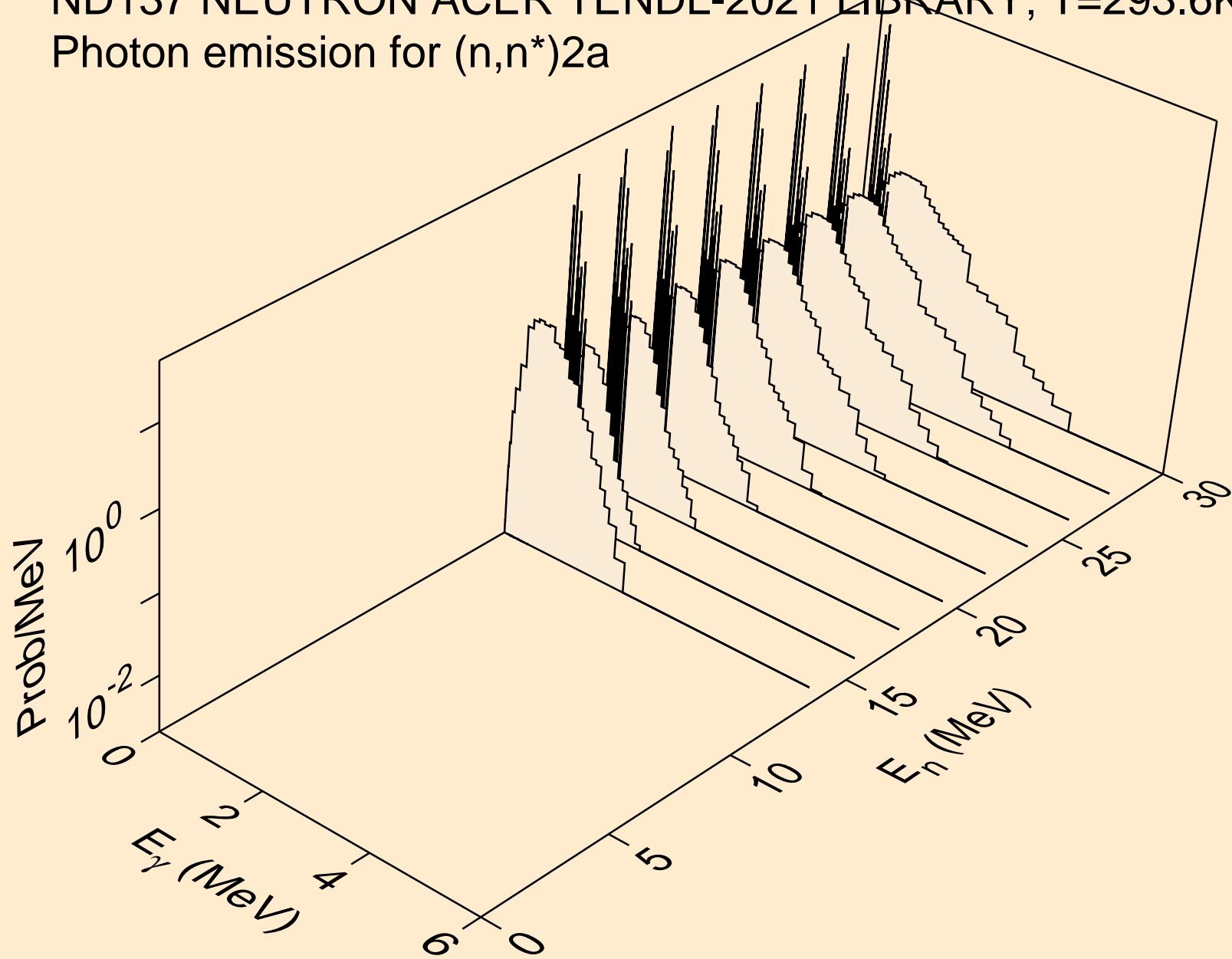
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



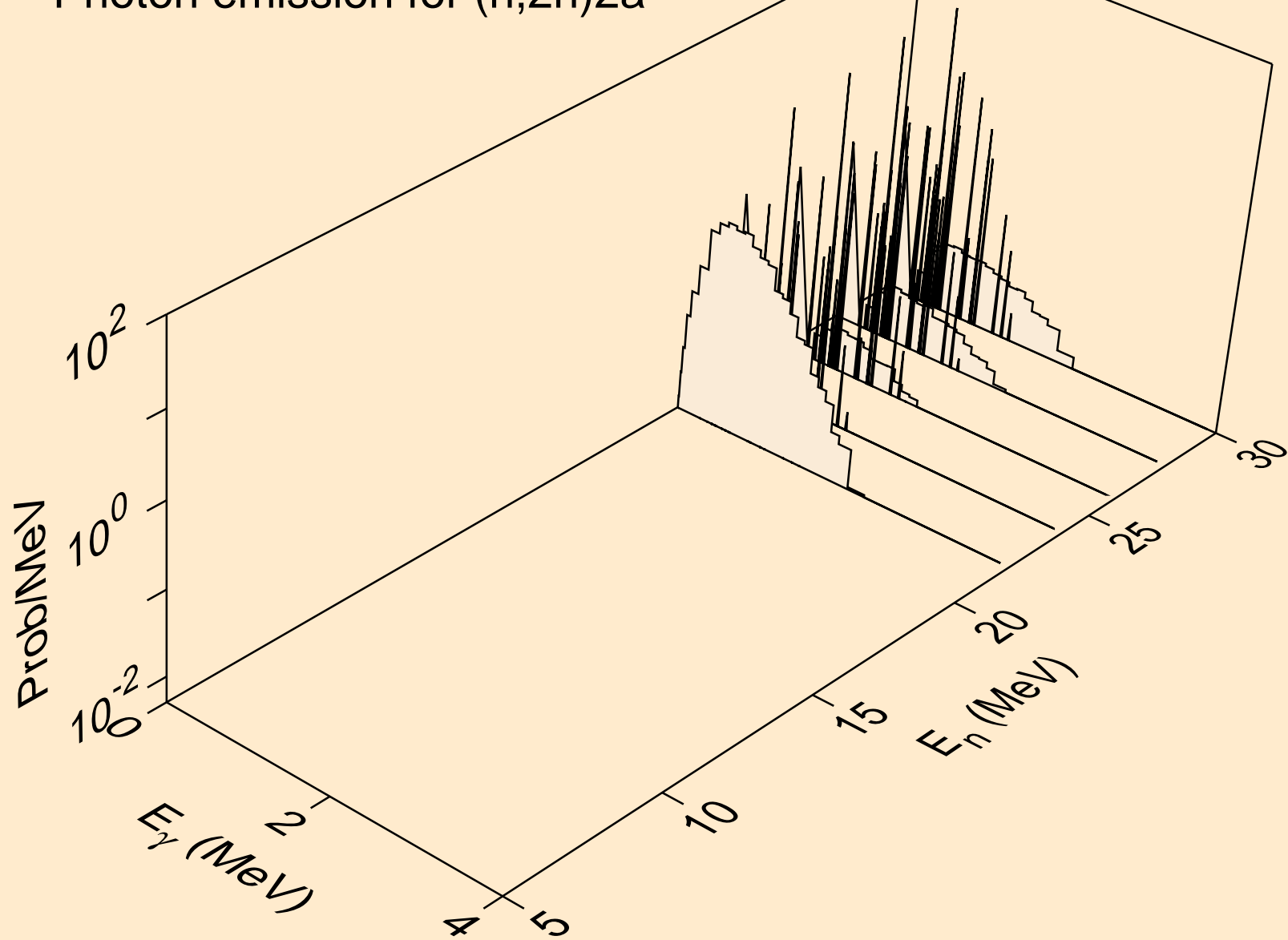
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



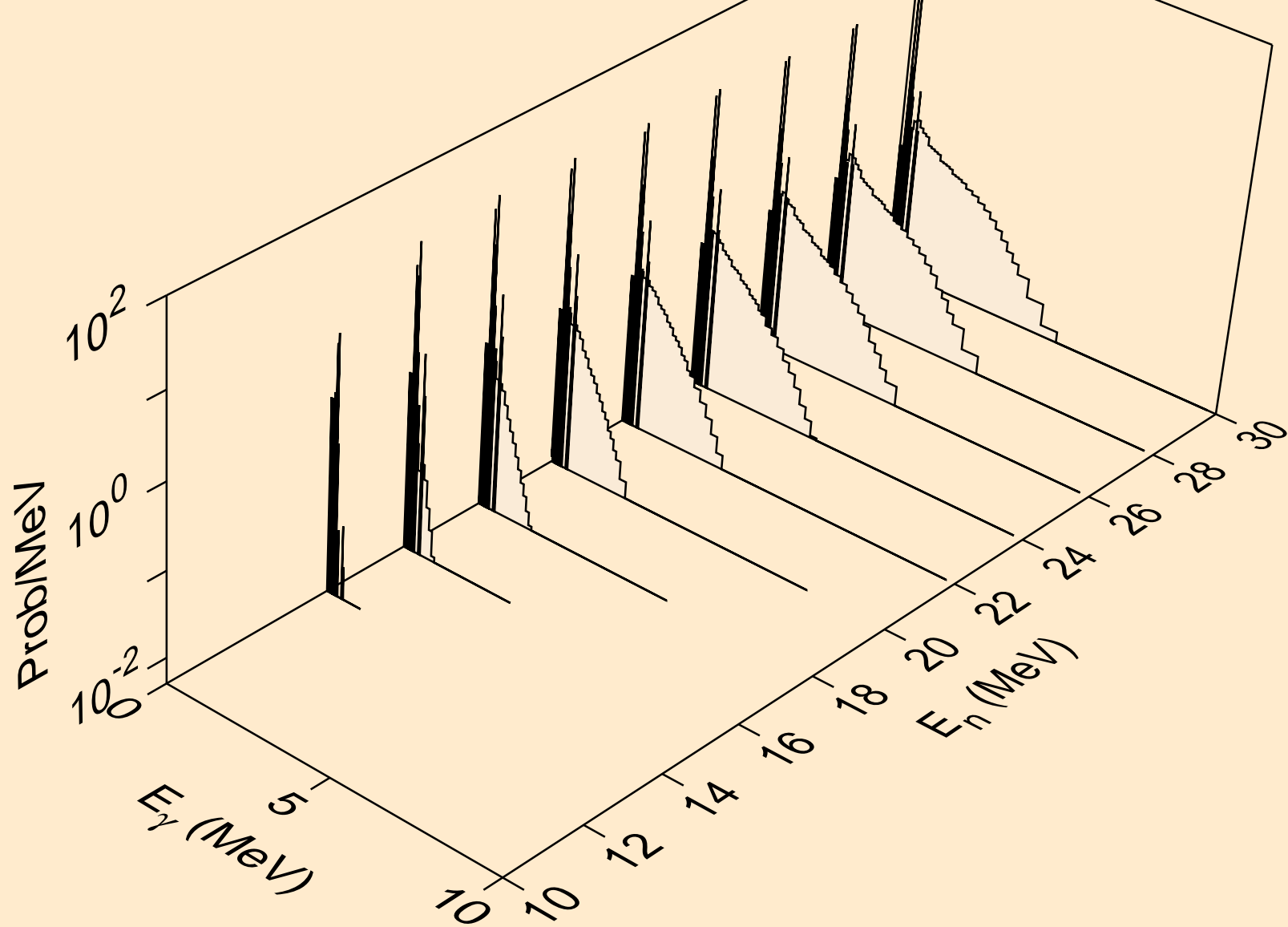
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



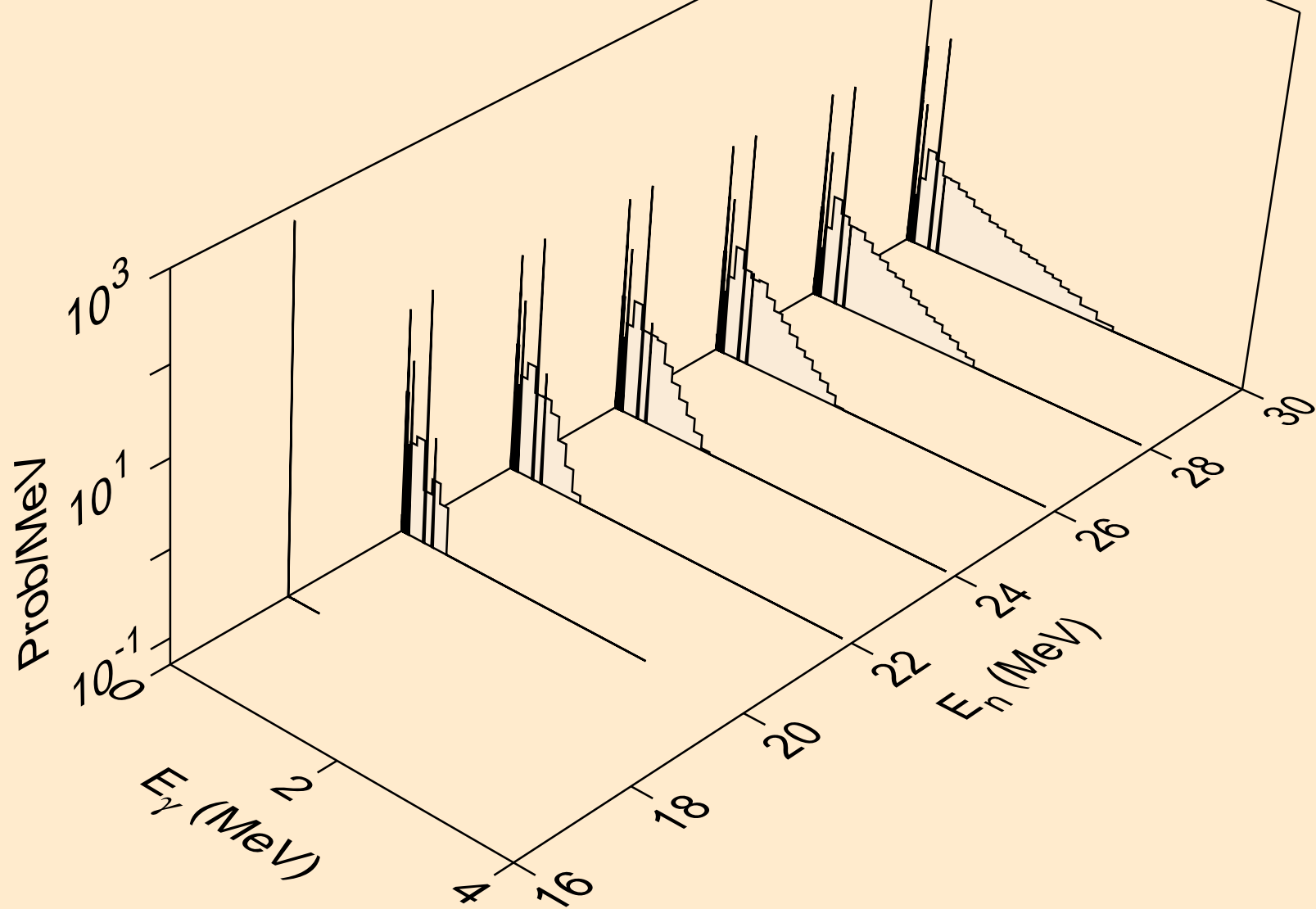
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2n)2a



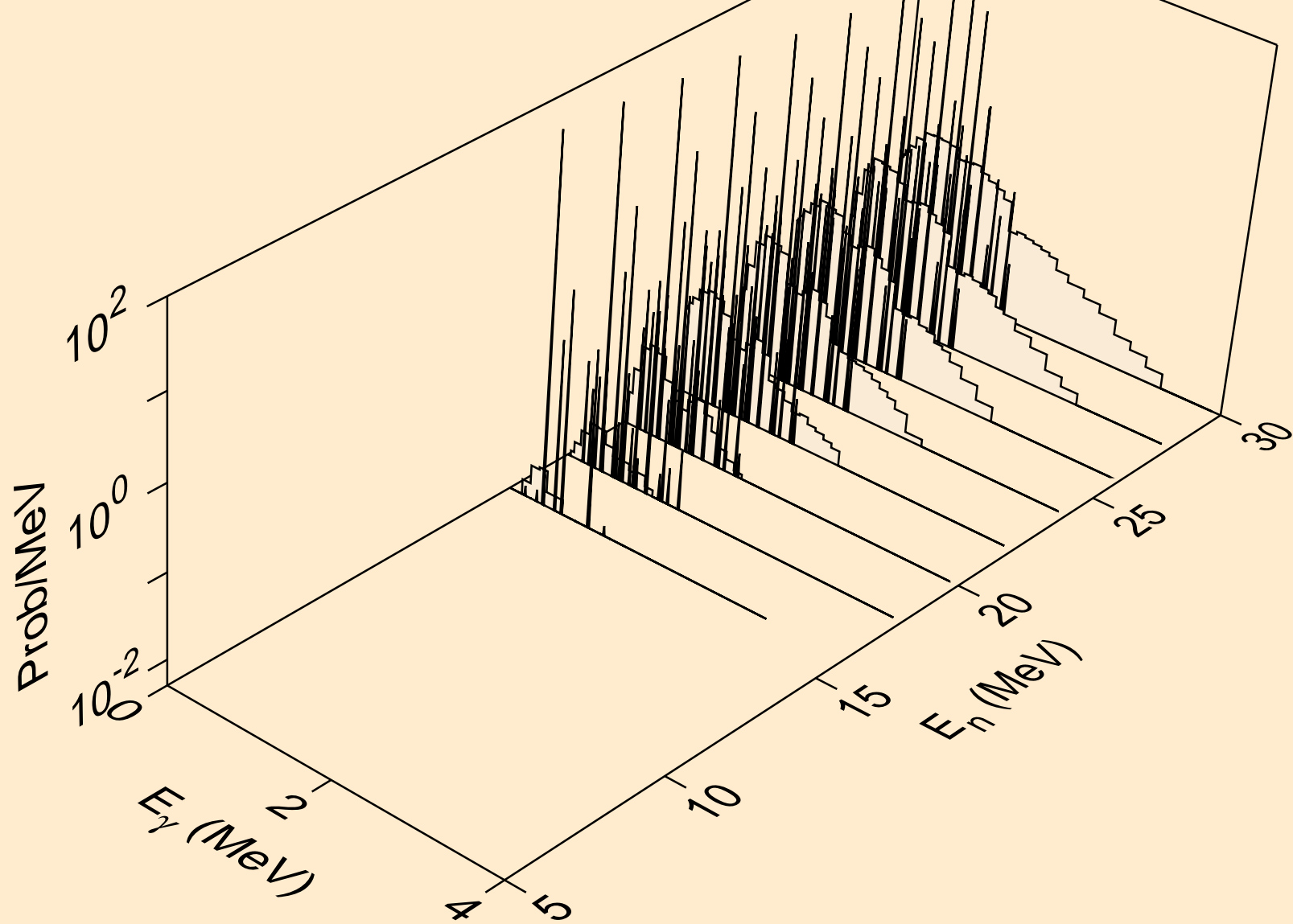
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



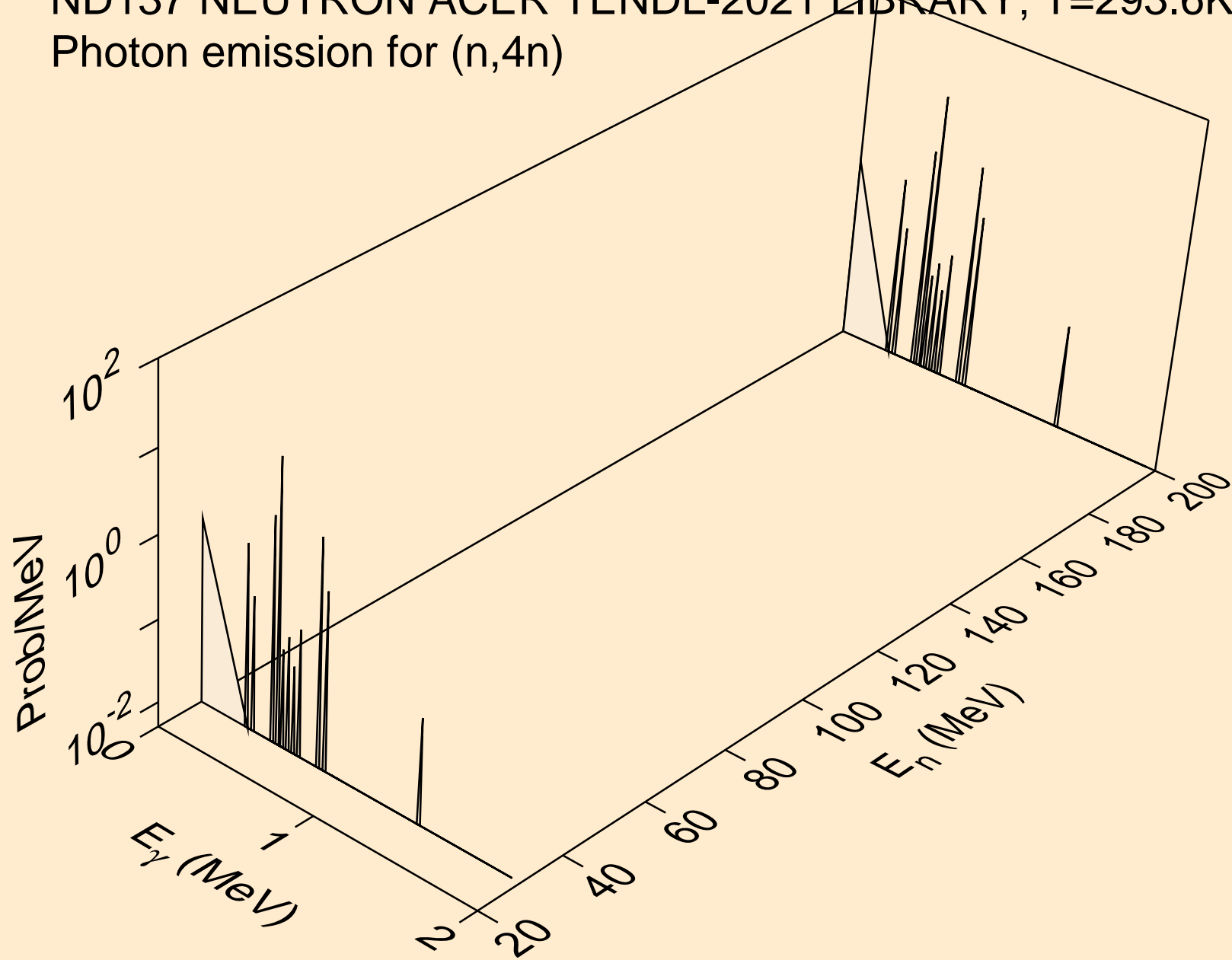
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3

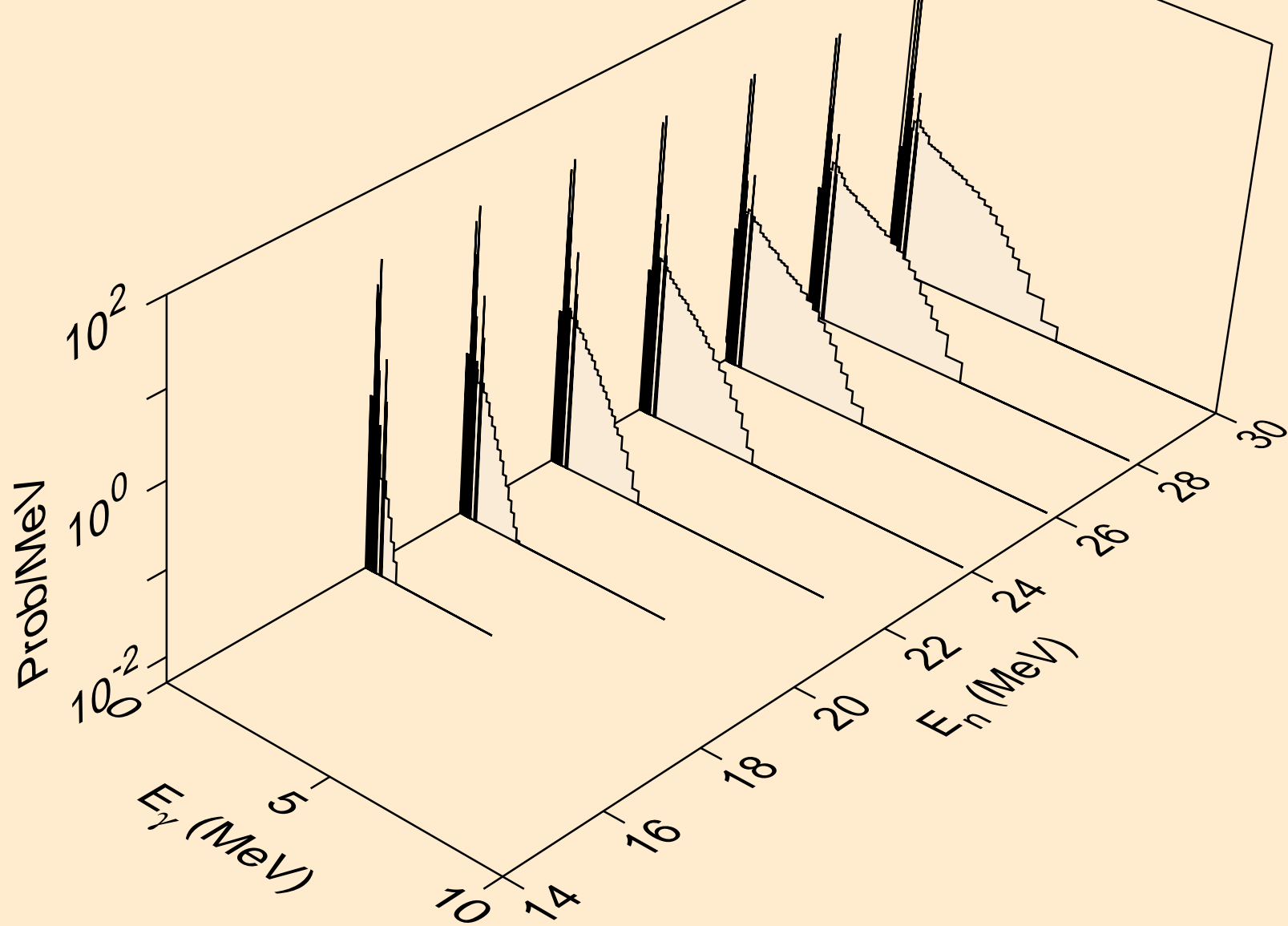


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,4n)

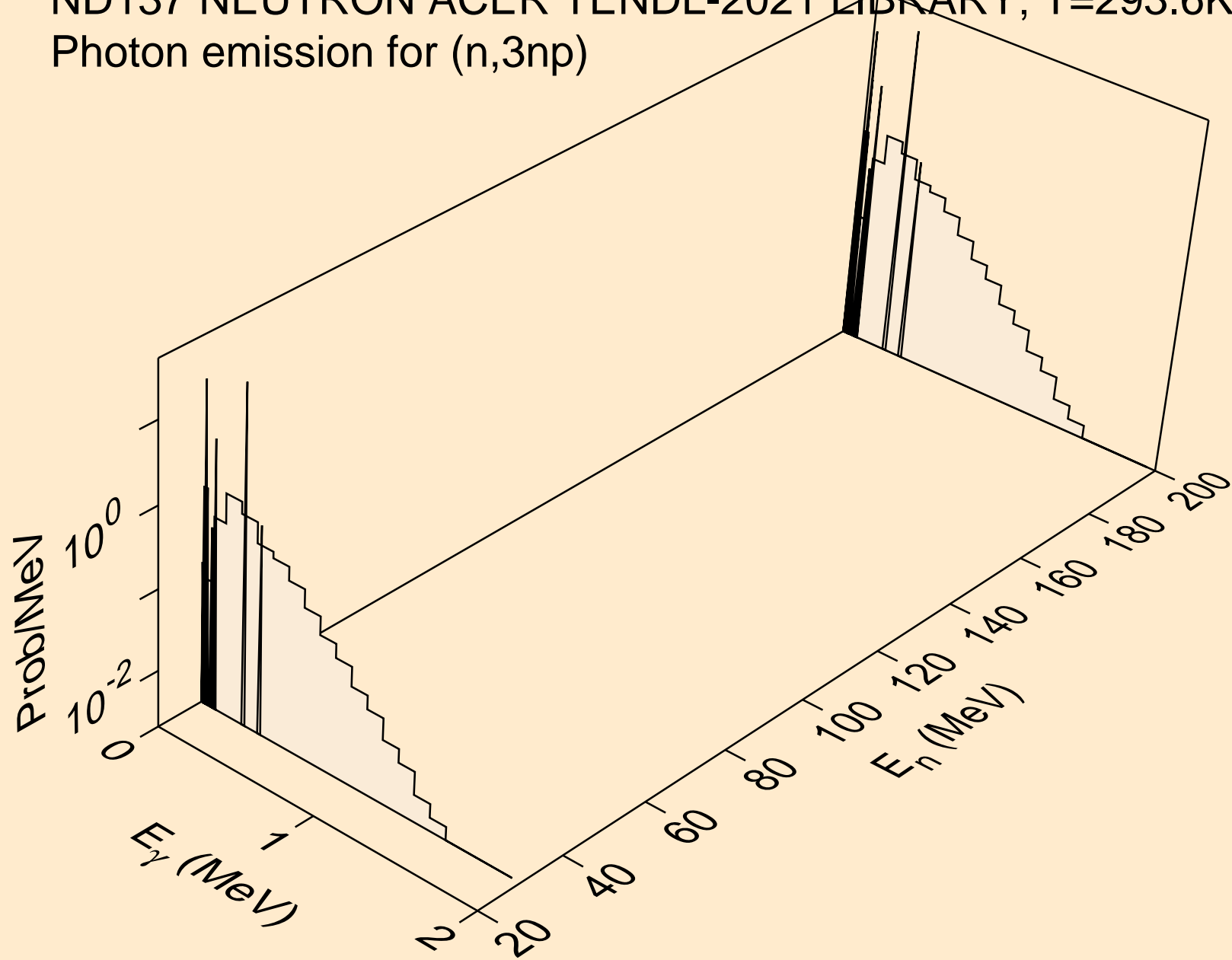




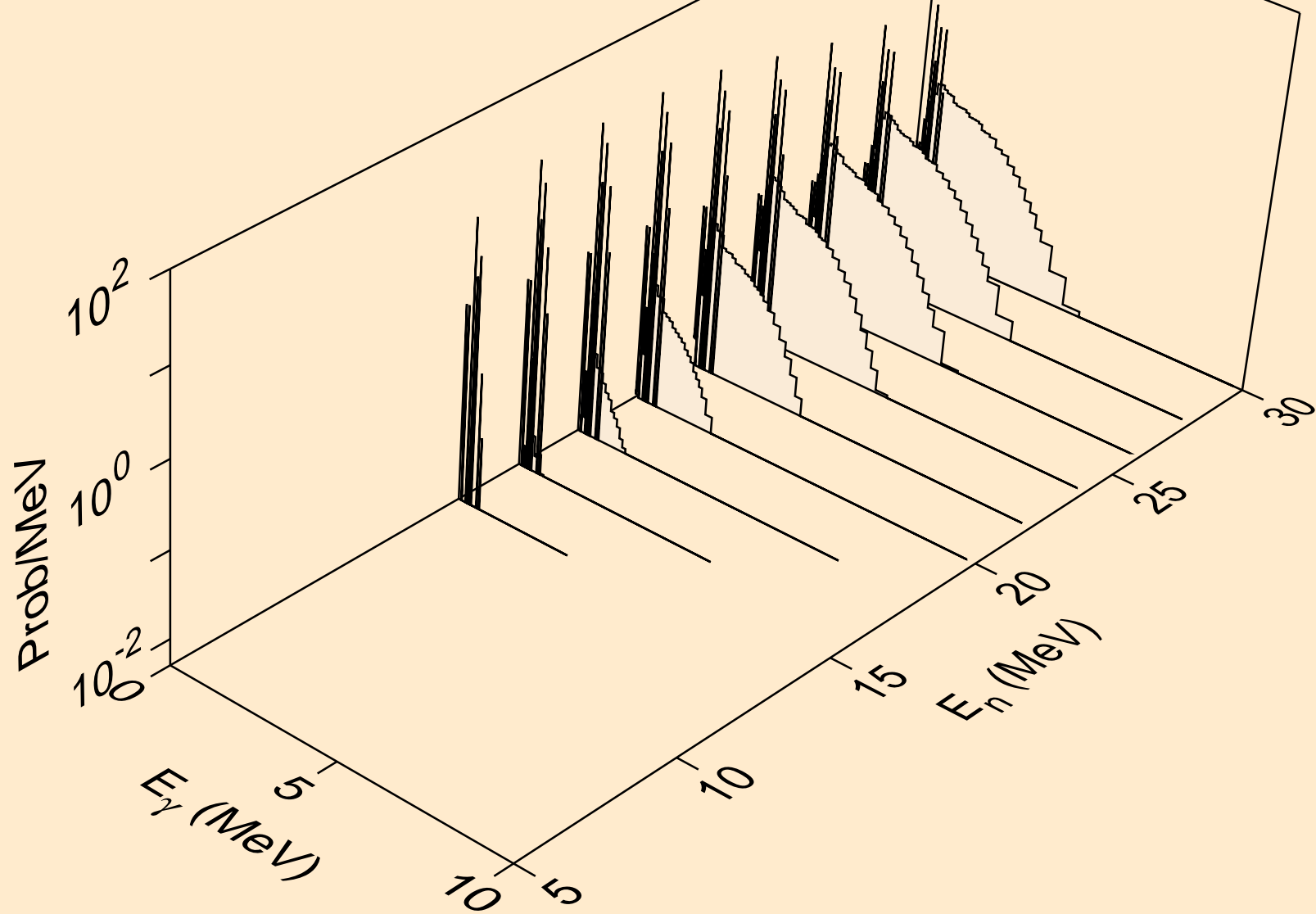
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



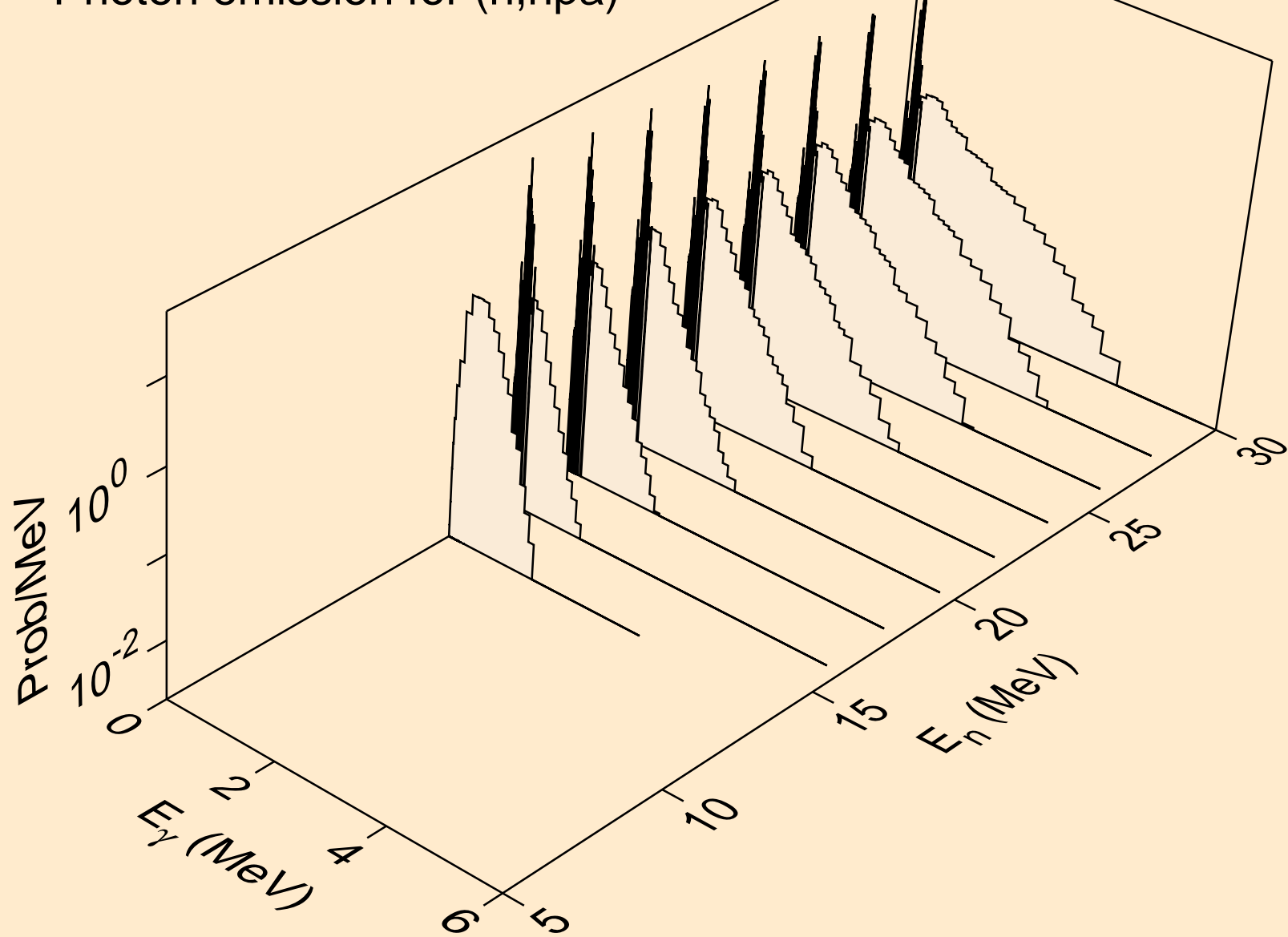
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Photon emission for (n,3np)



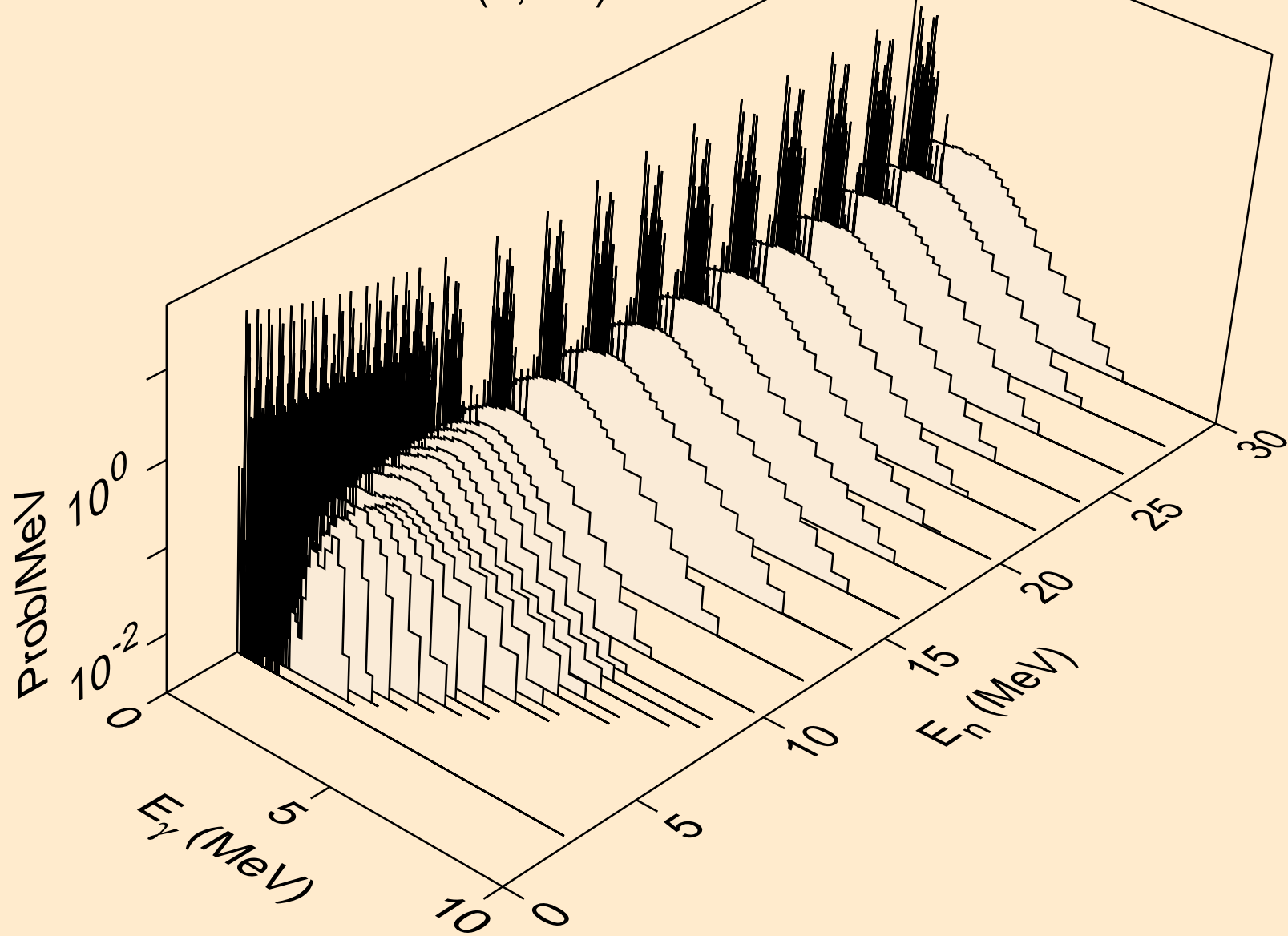
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2np)



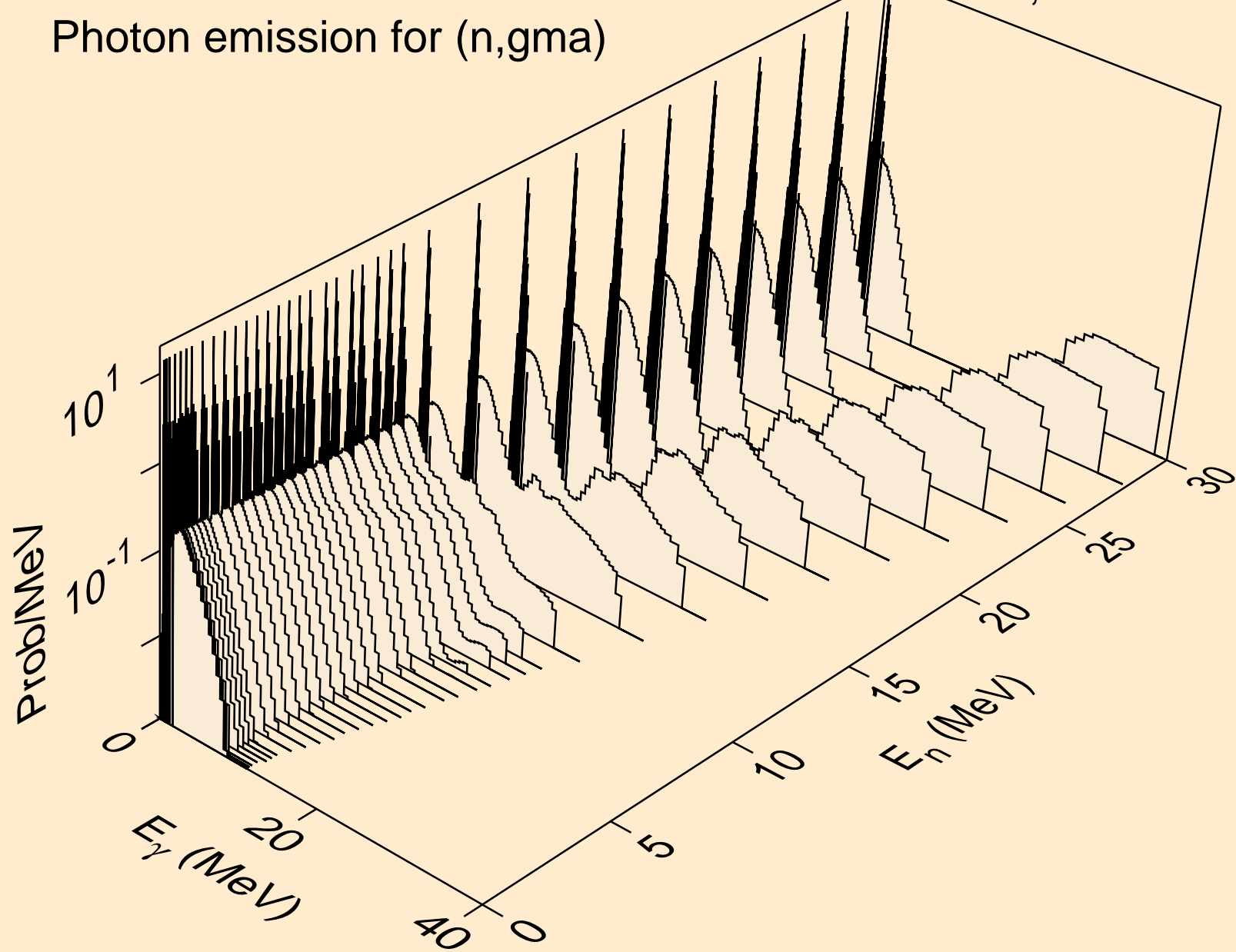
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,npa)



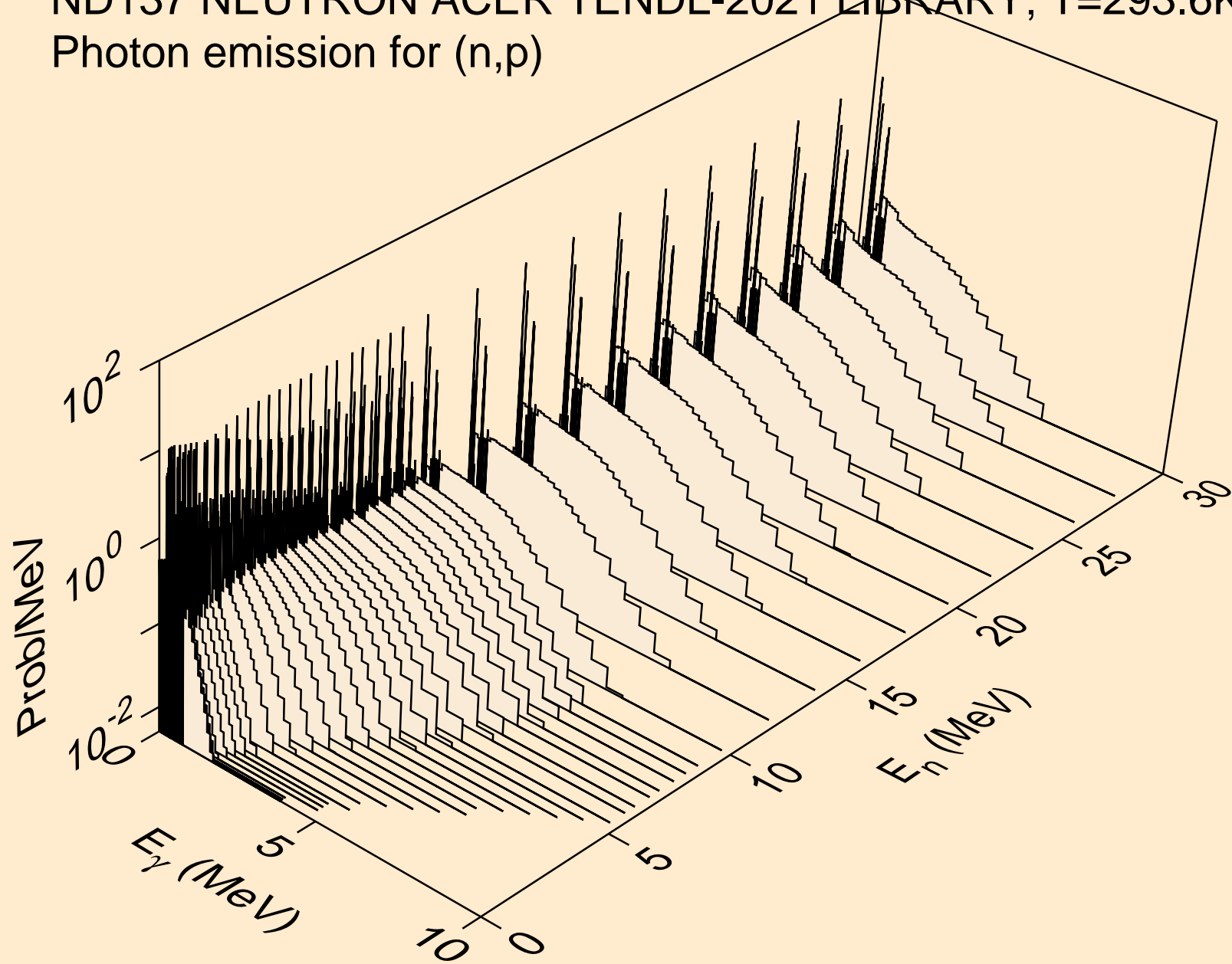
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



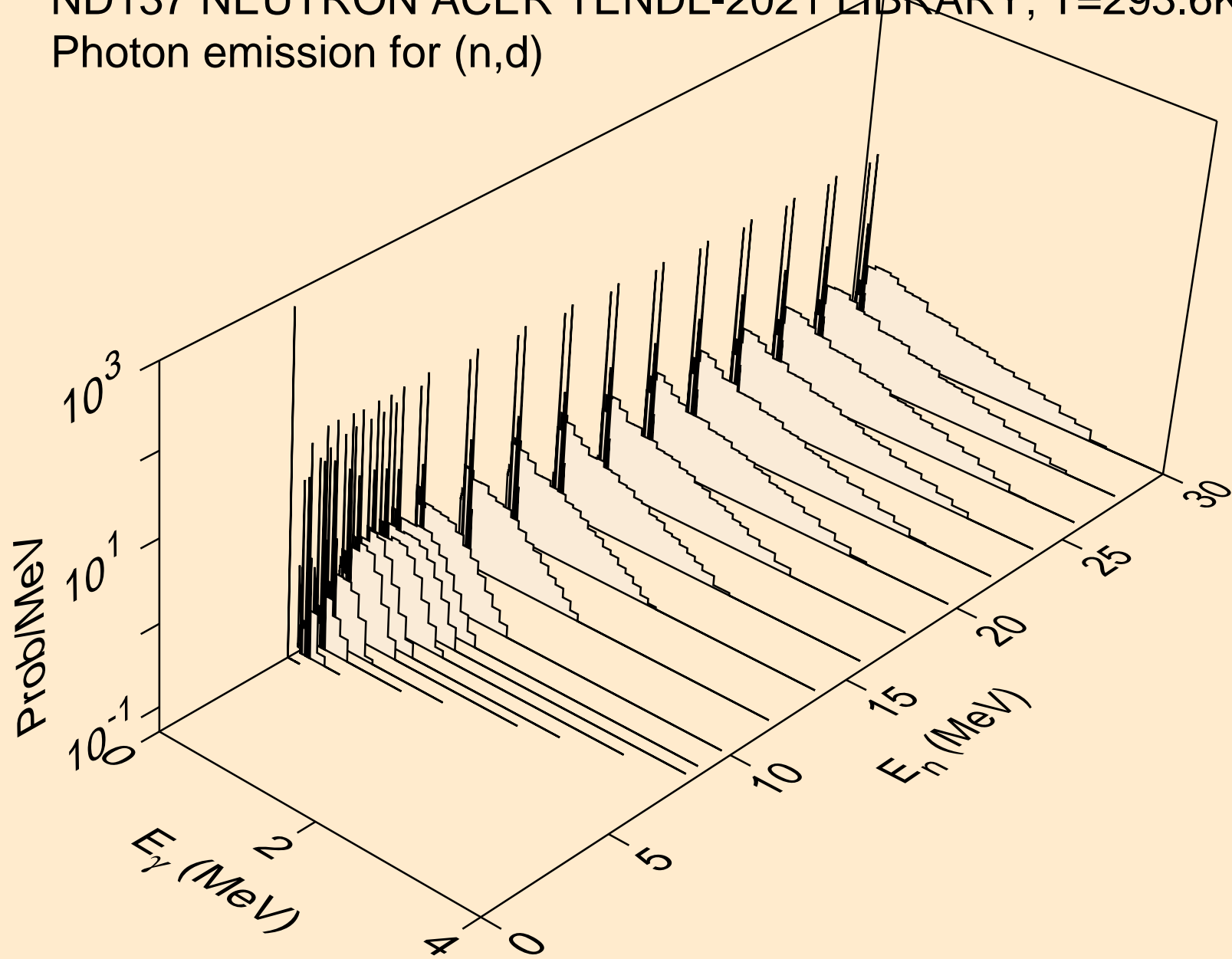
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,gma)



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p)

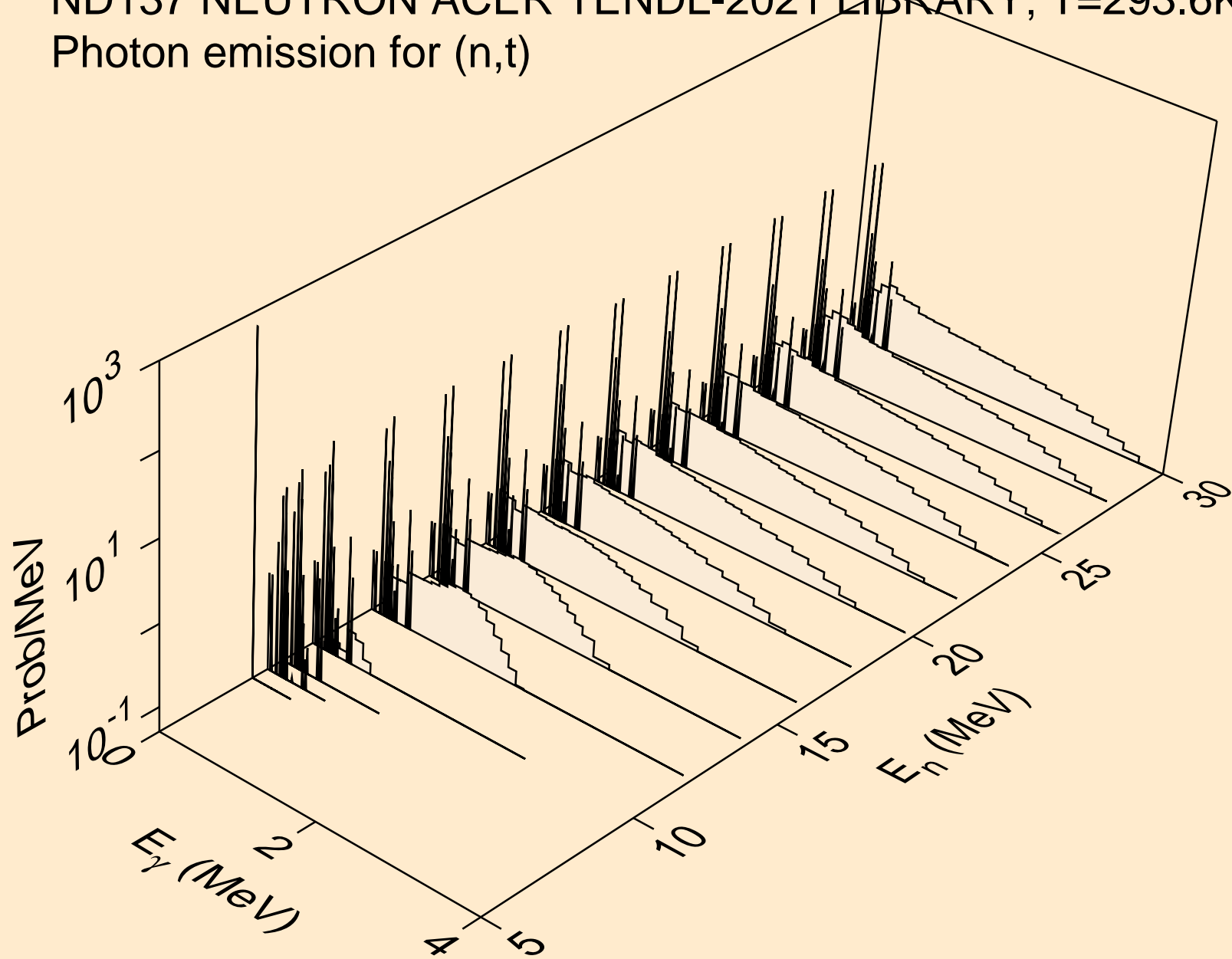


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,d)

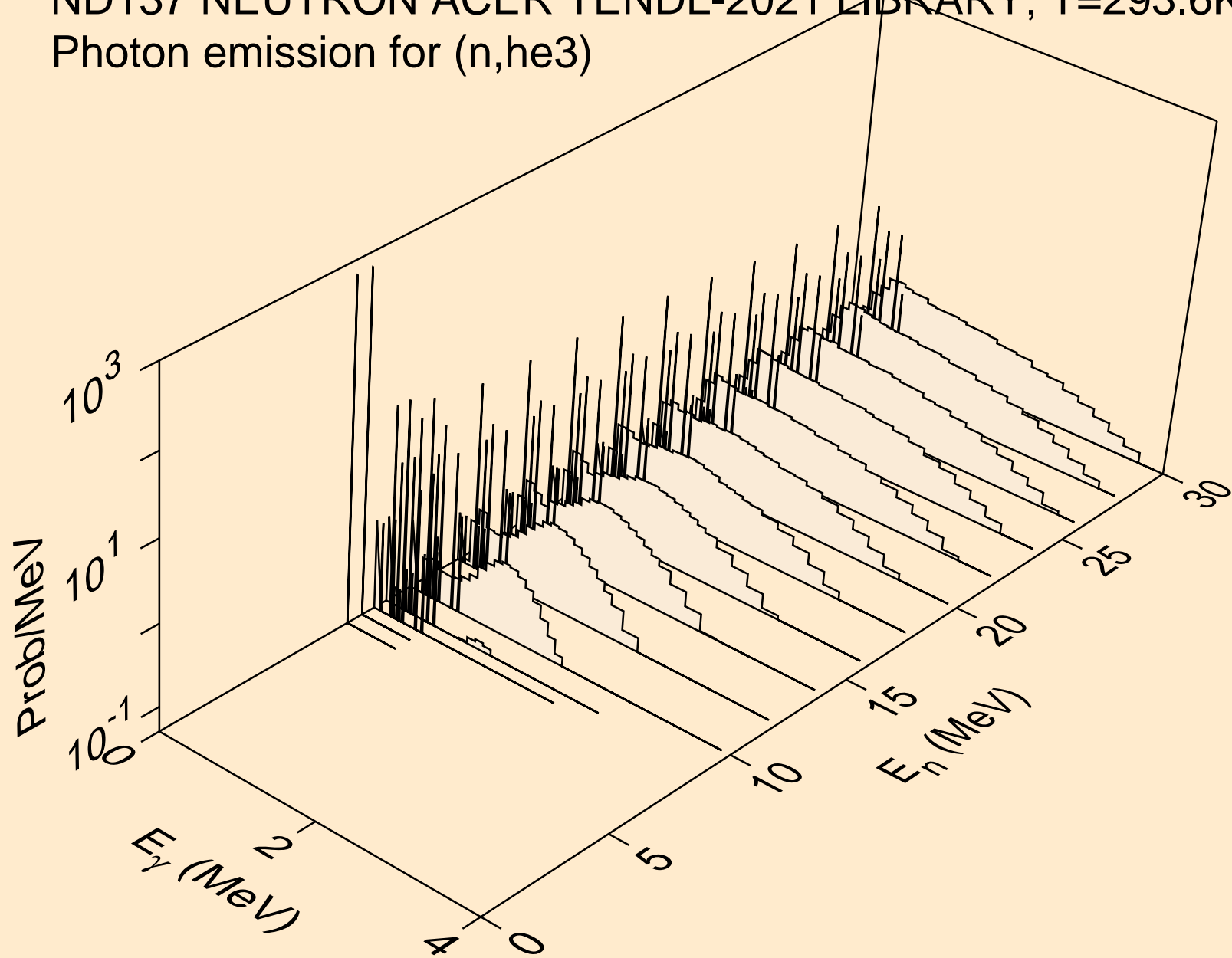




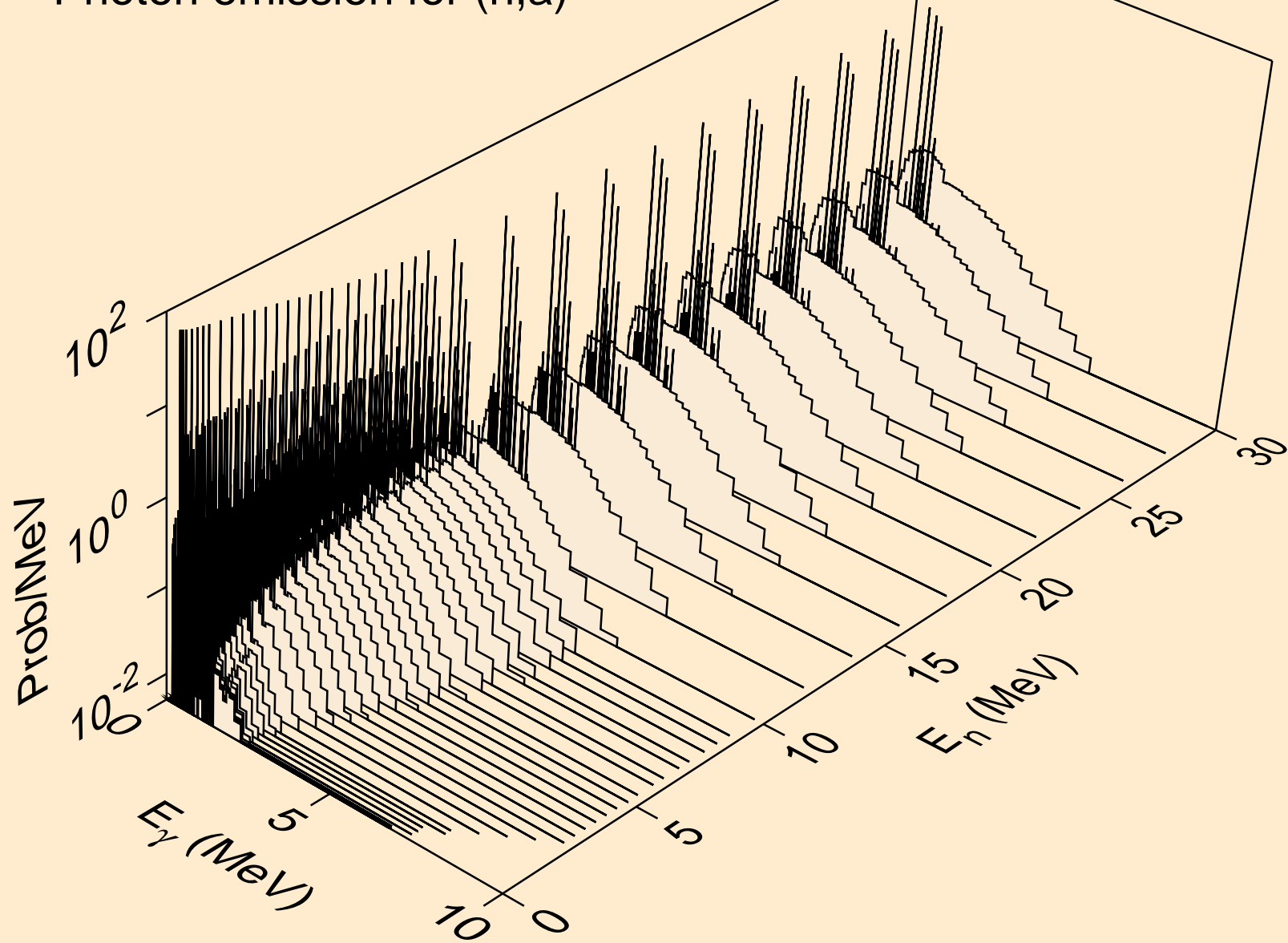
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,t)



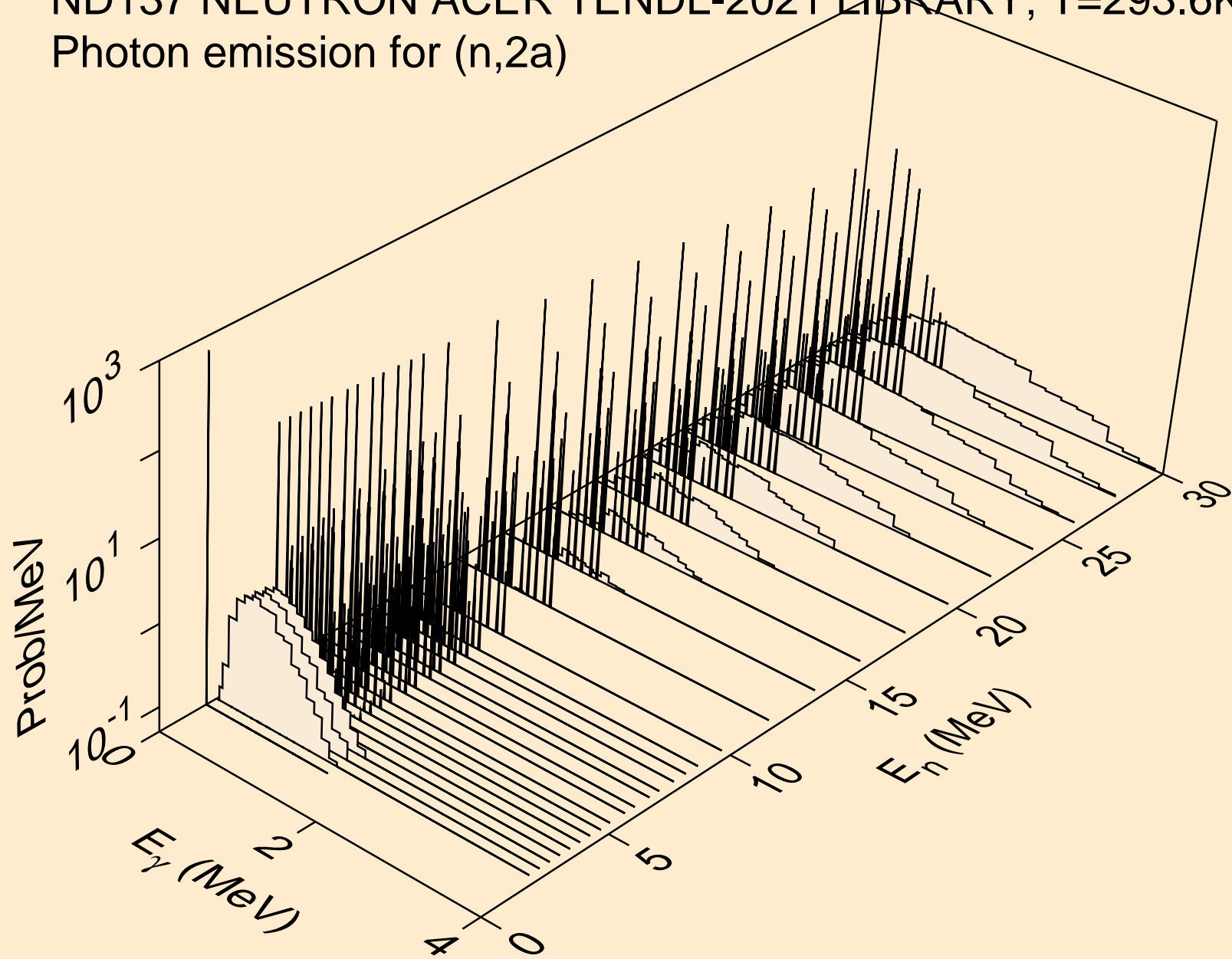
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,he3)



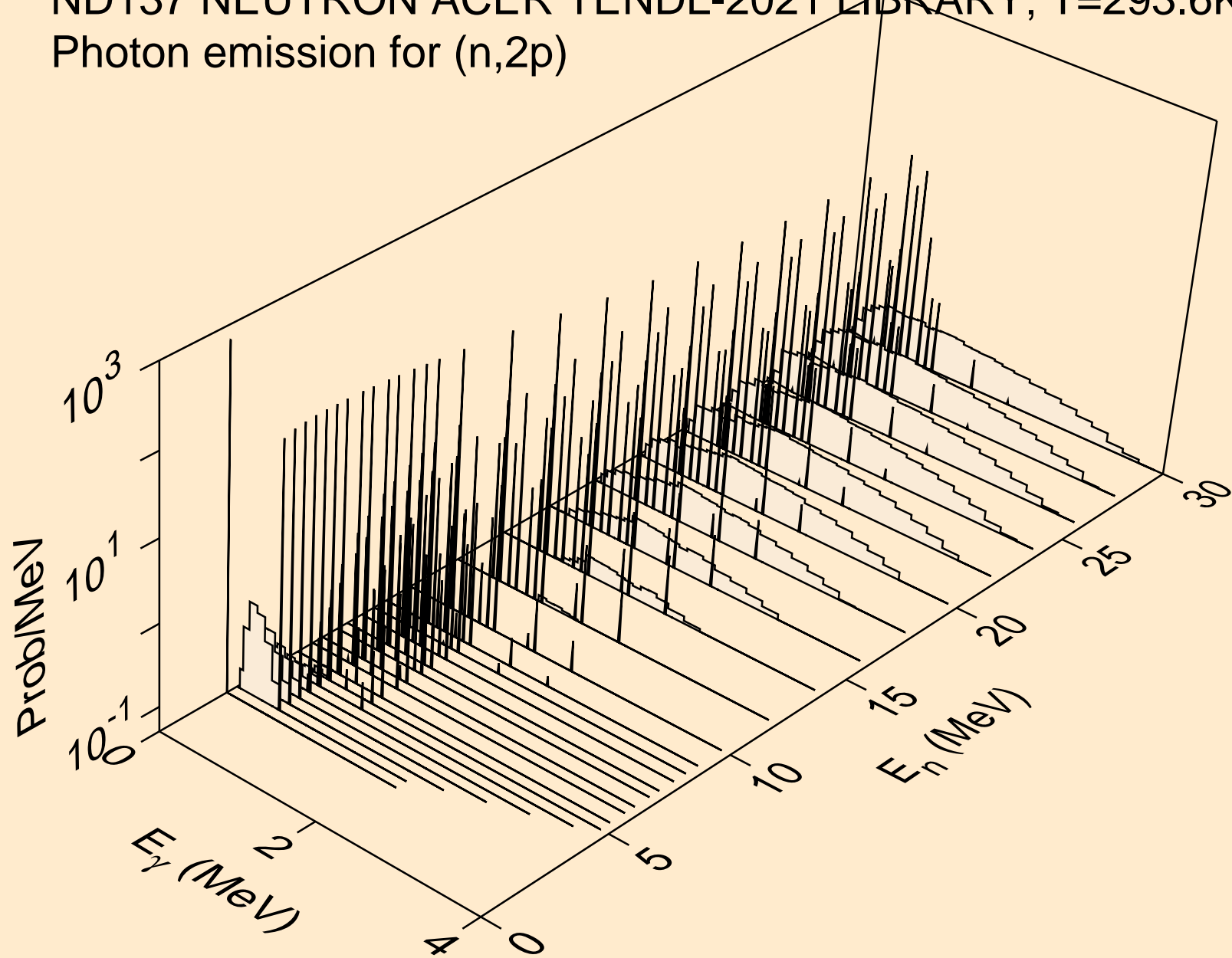
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,a)



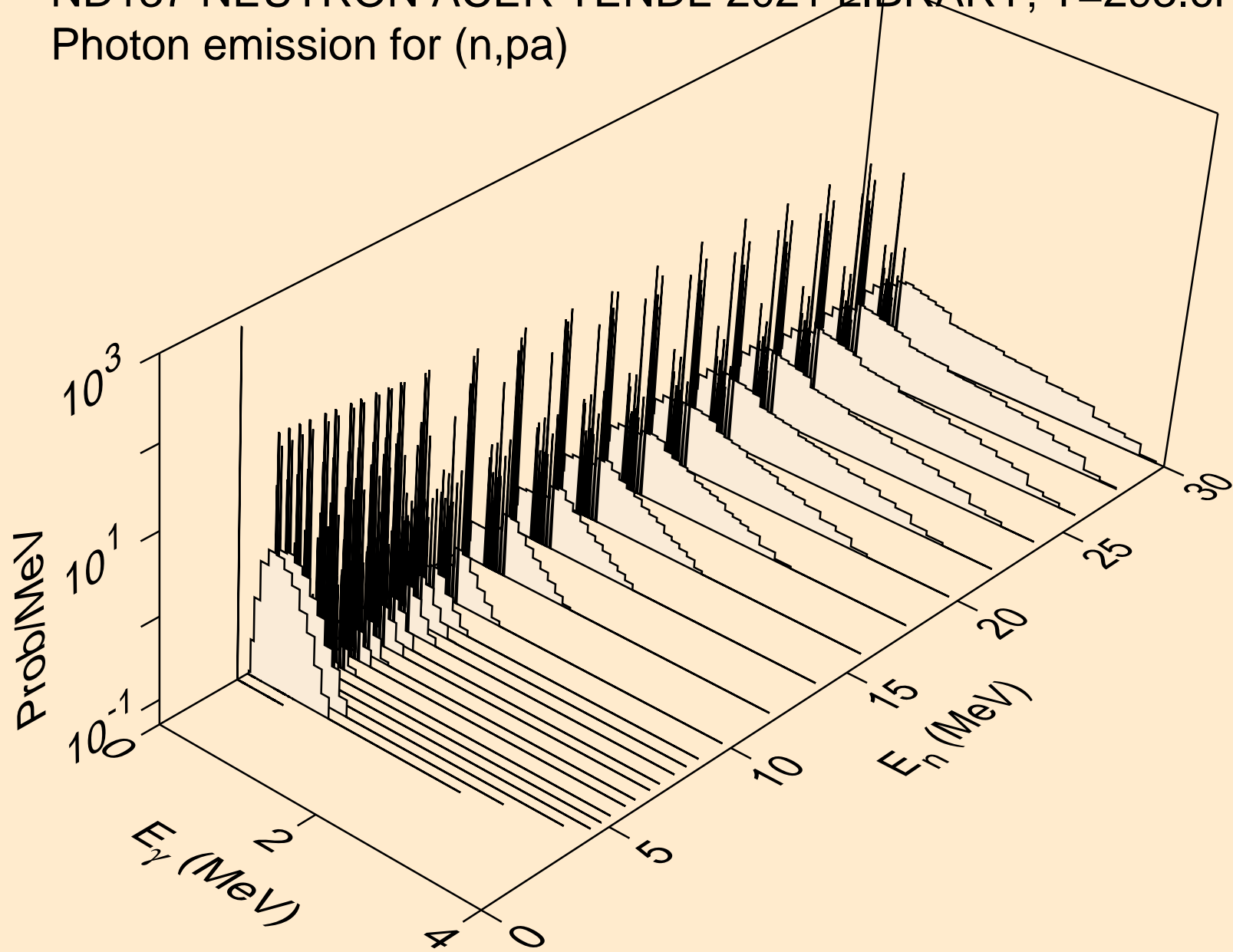
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,2a)



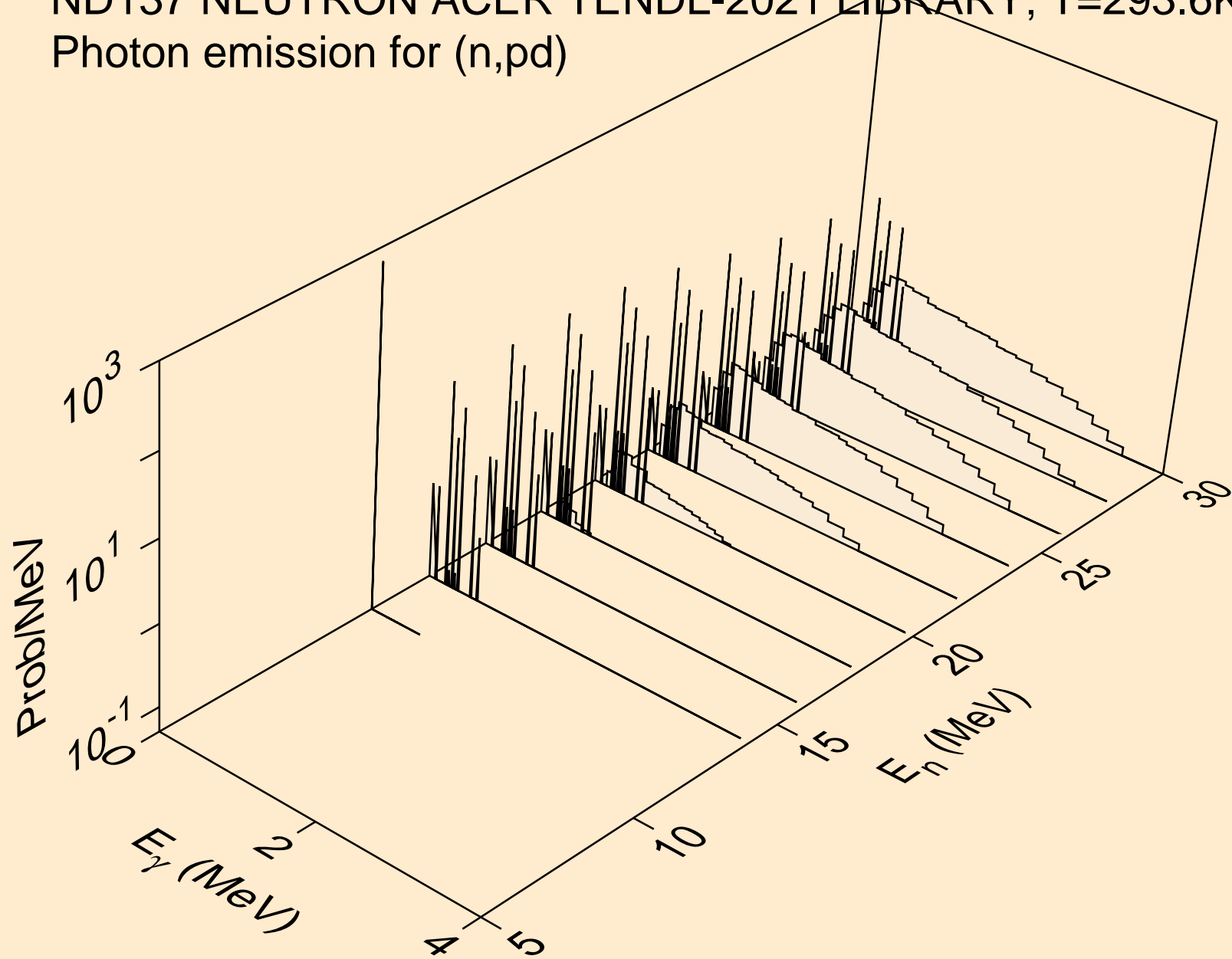
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Photon emission for (n,2p)



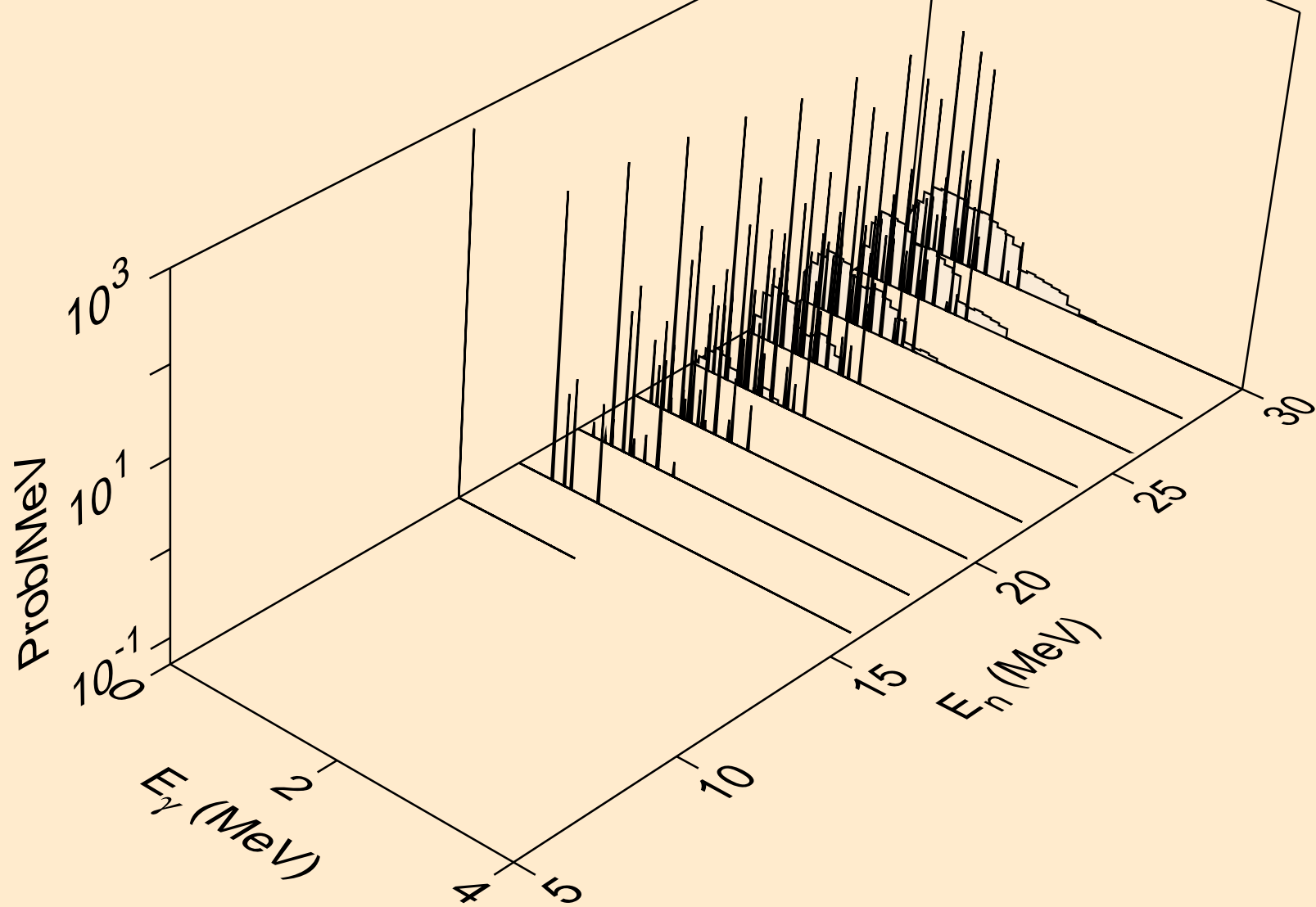
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pd)

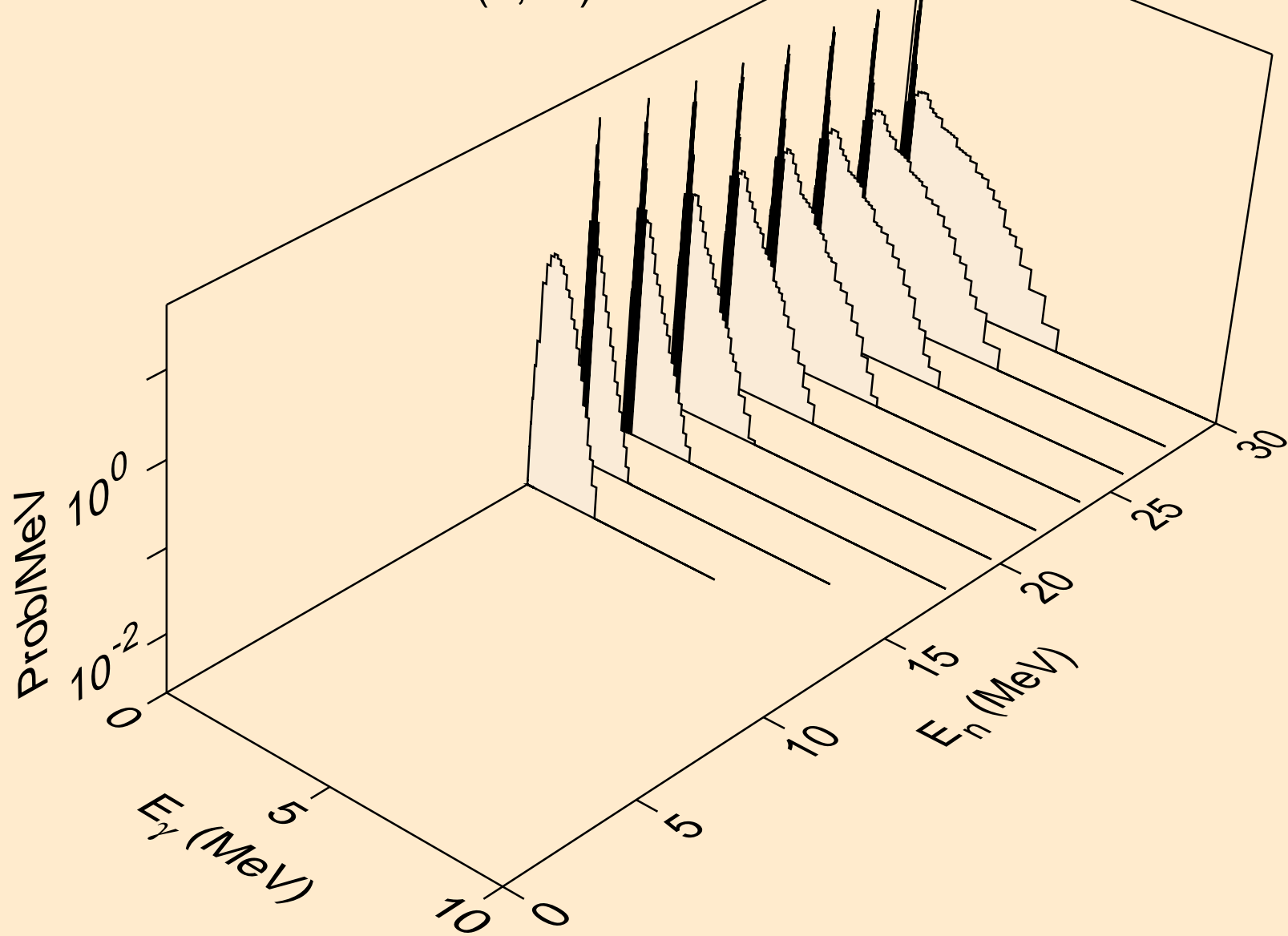


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,pt)

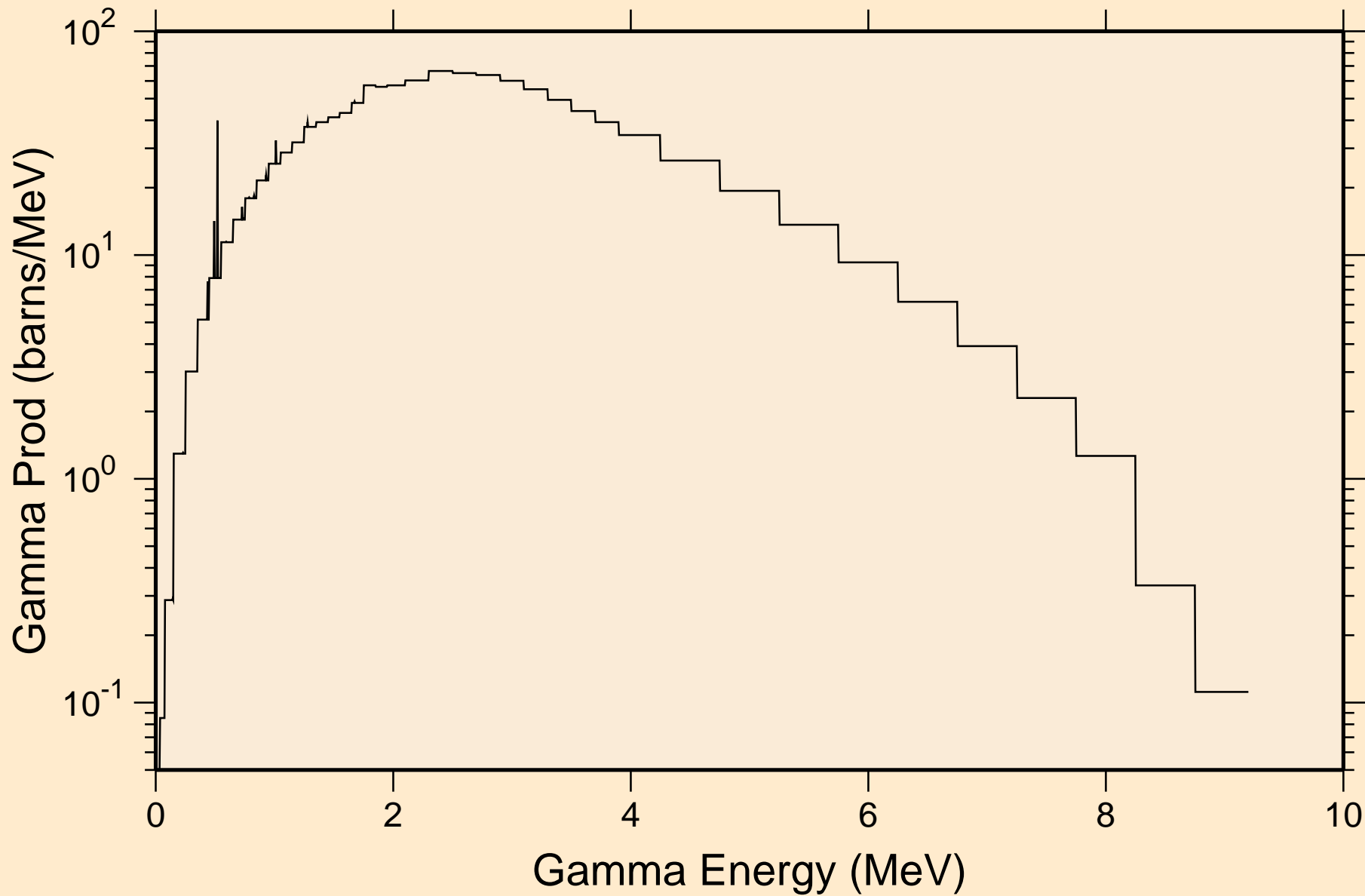




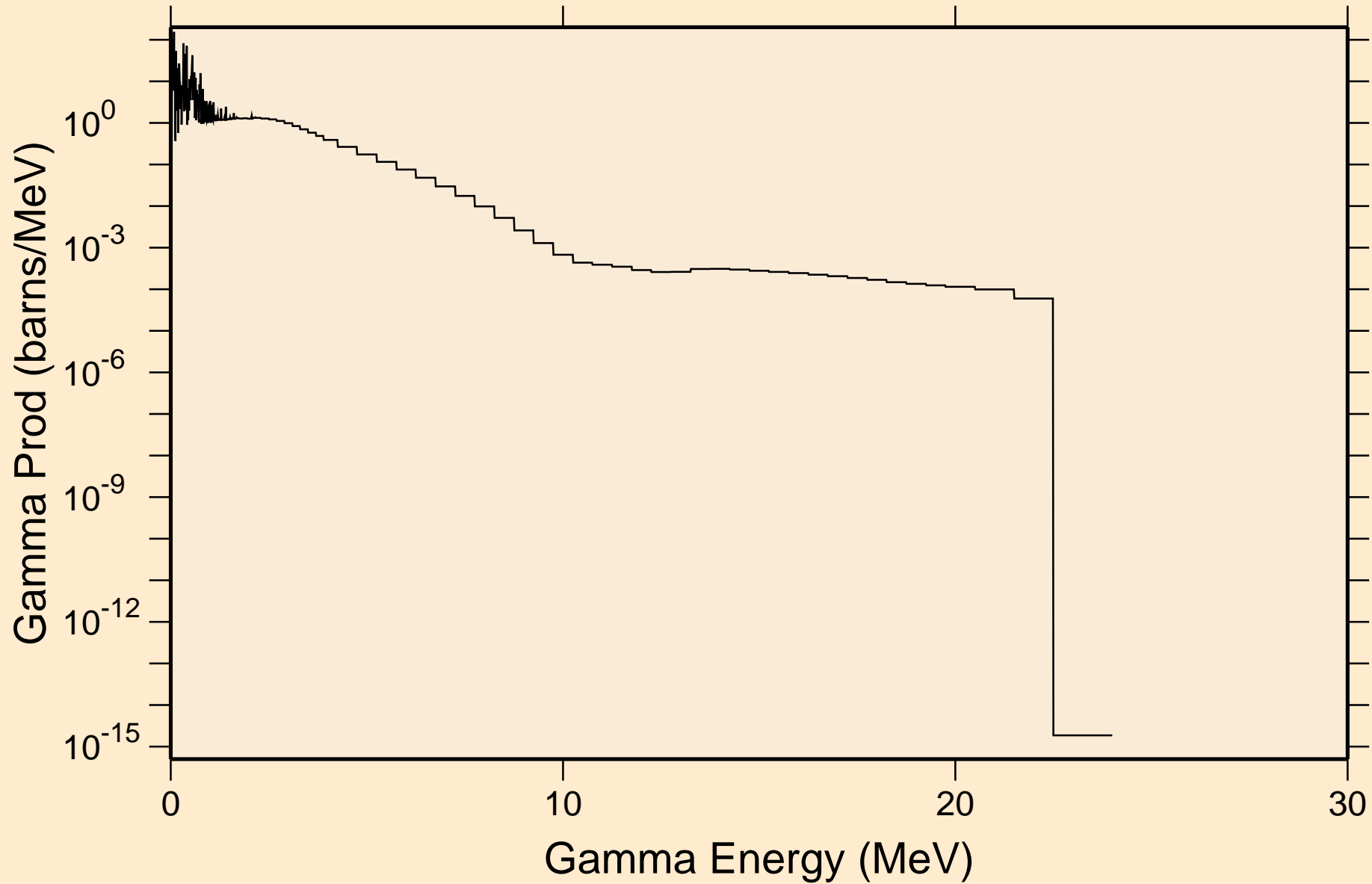
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Photon emission for (n,da)



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
thermal capture photon spectrum

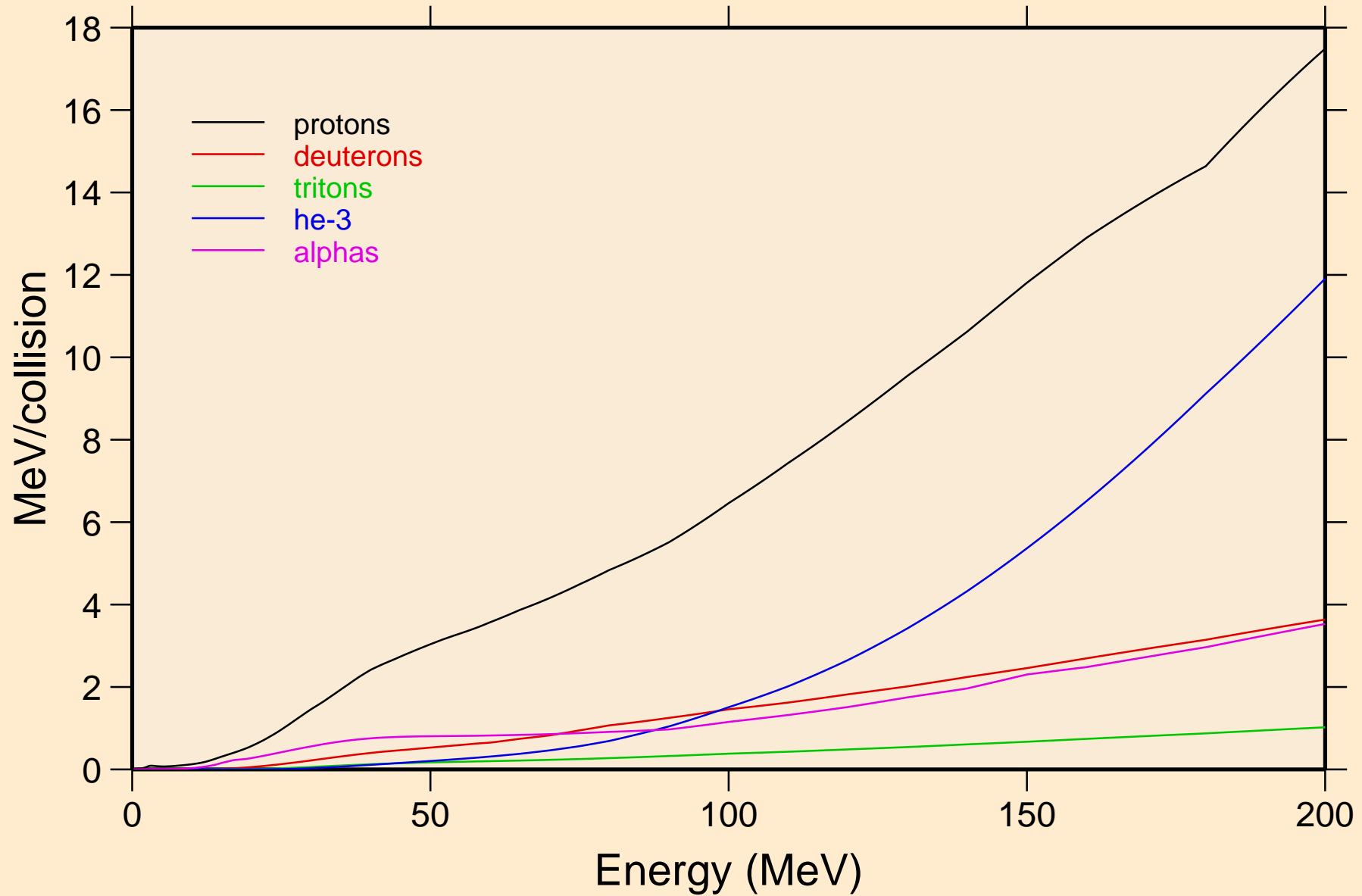


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
14 MeV photon spectrum

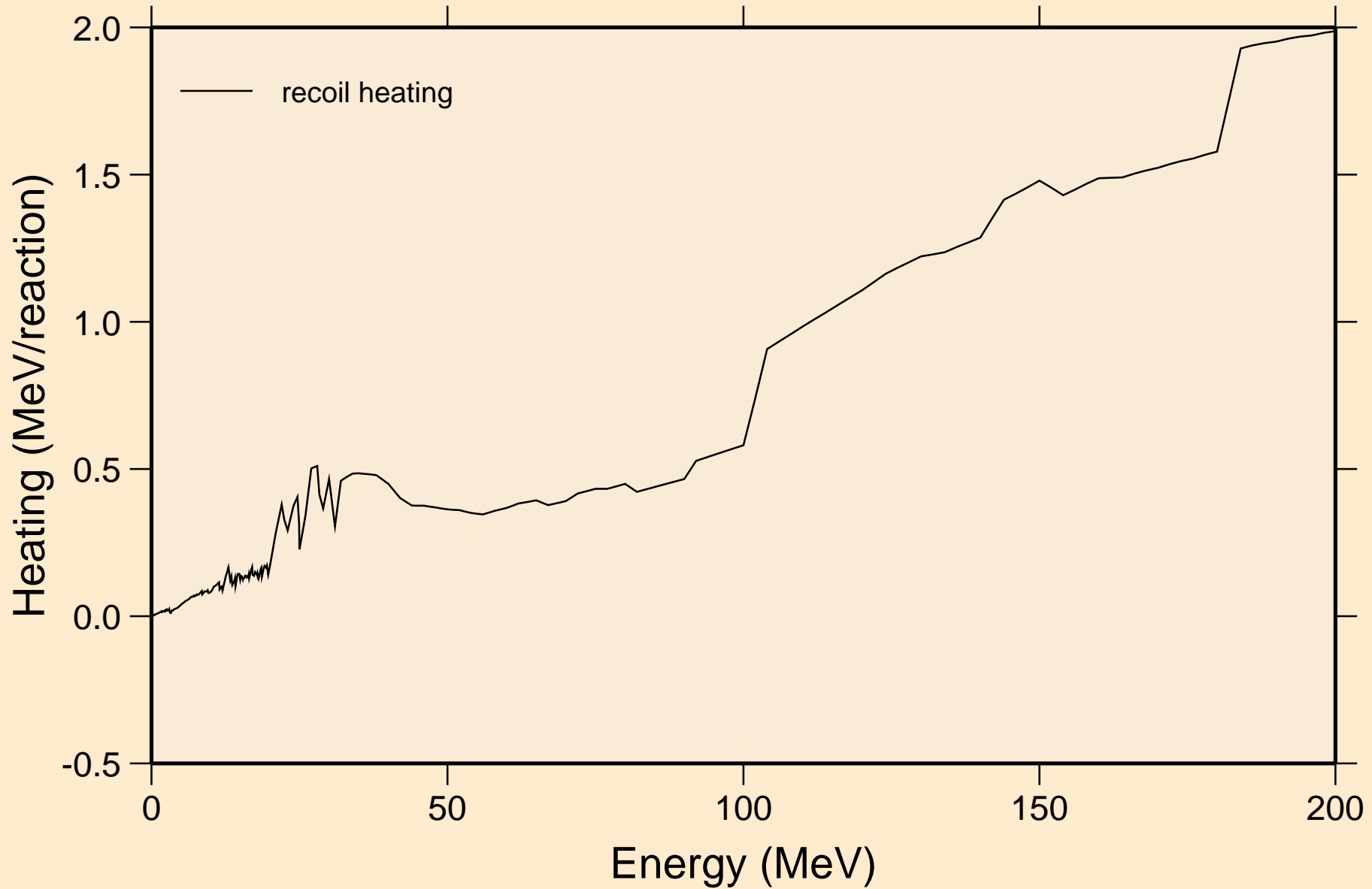


# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

## Particle heating contributions

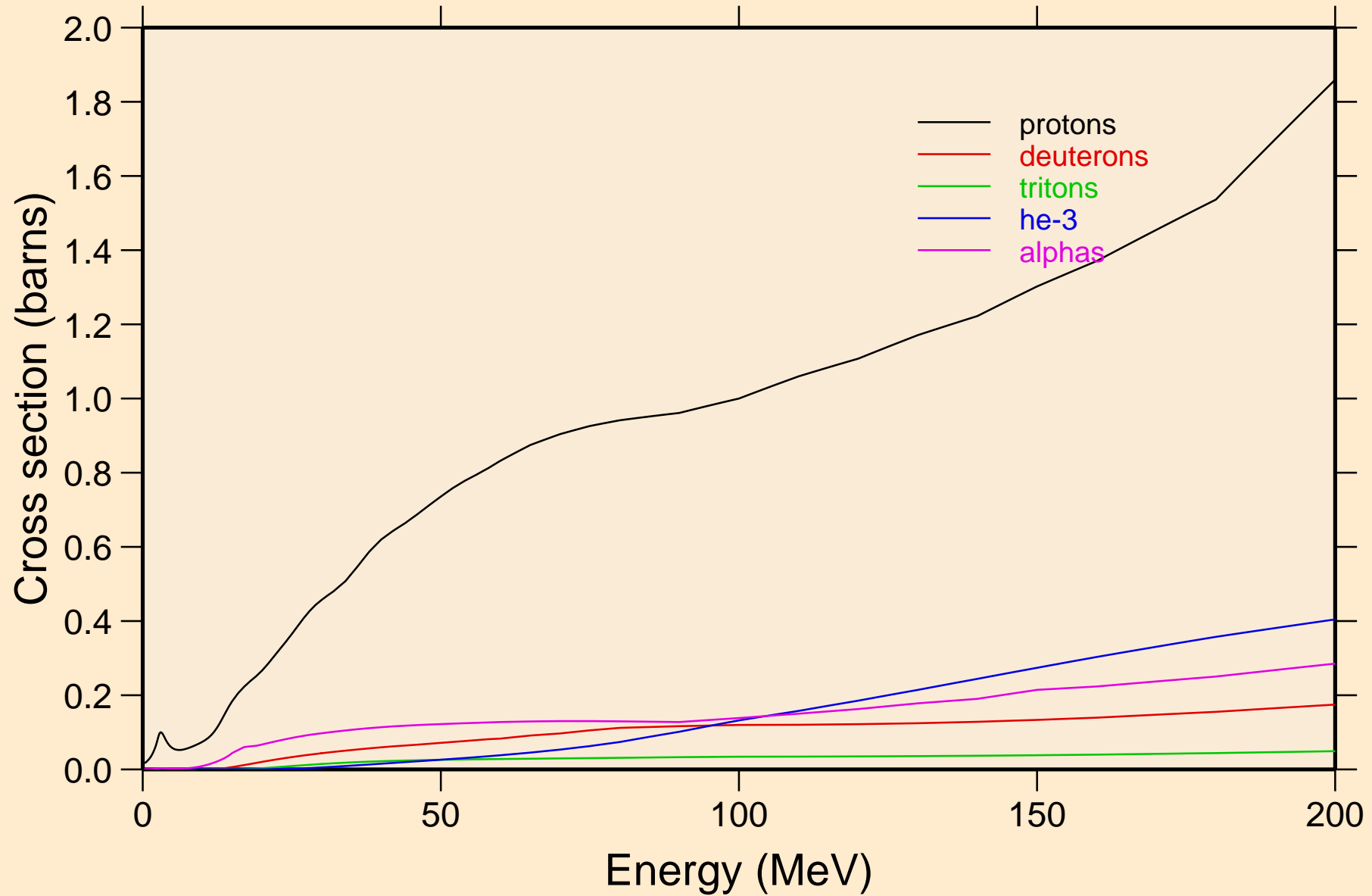


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
Recoil Heating

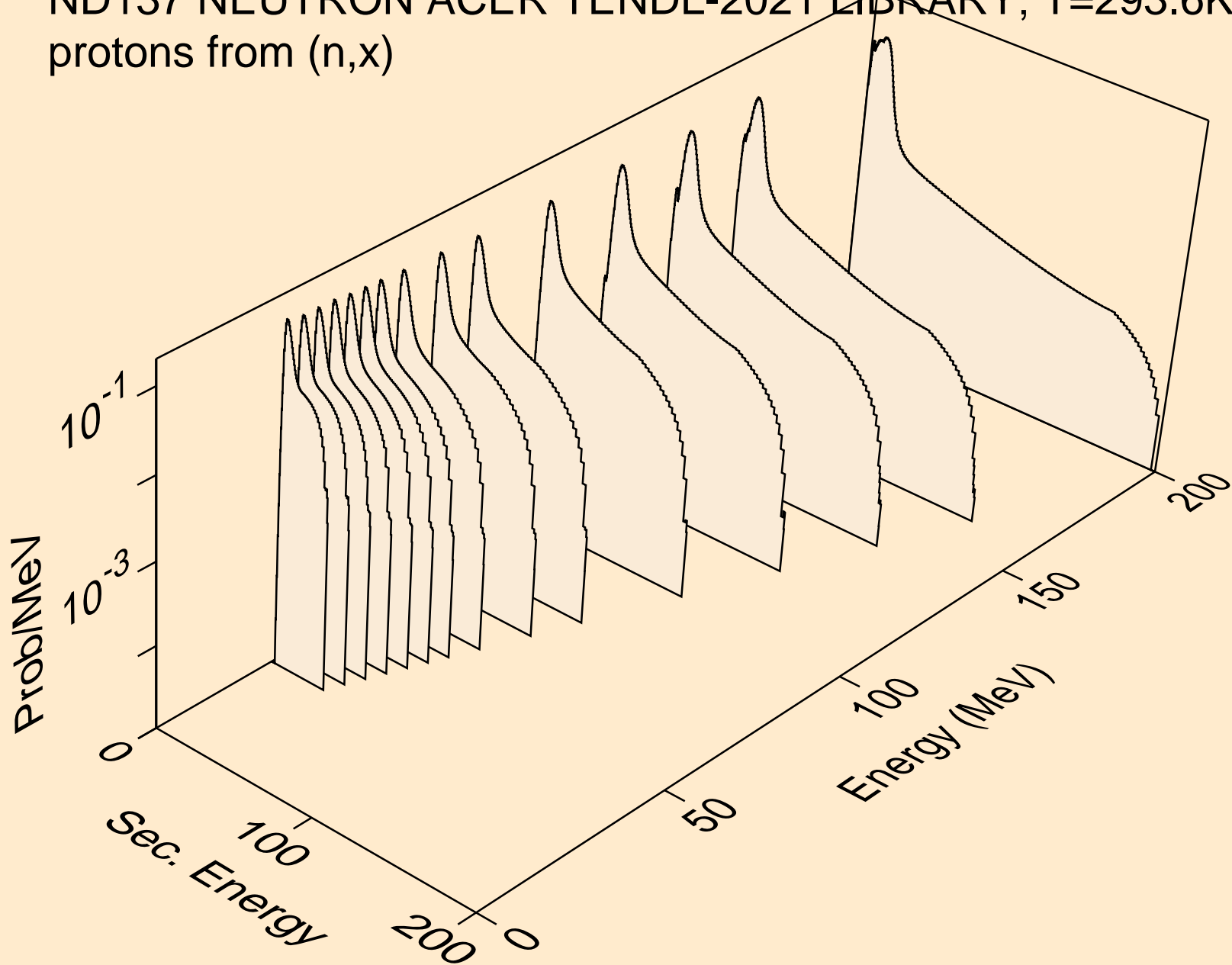


# ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

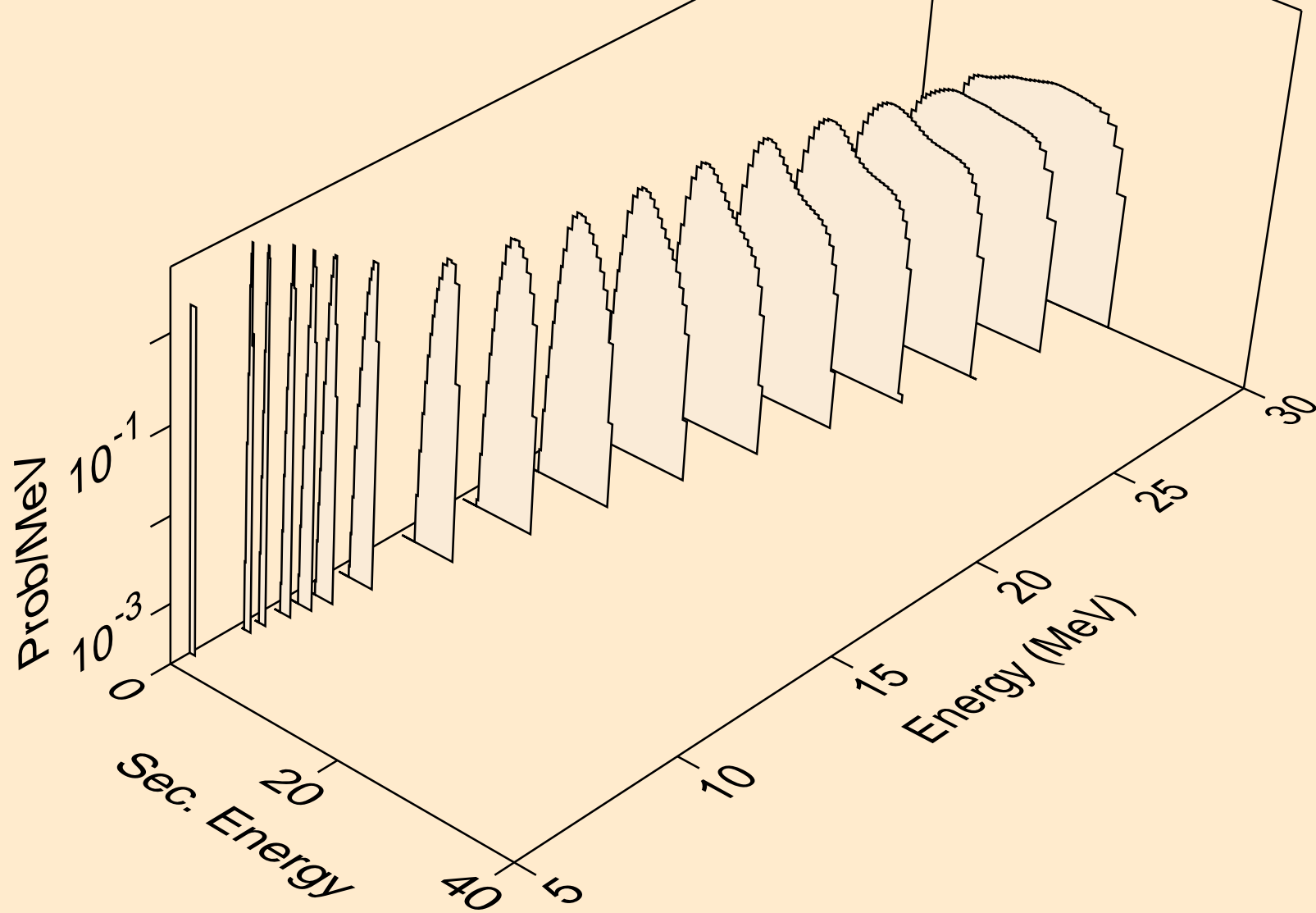
## Particle production cross sections



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,x)

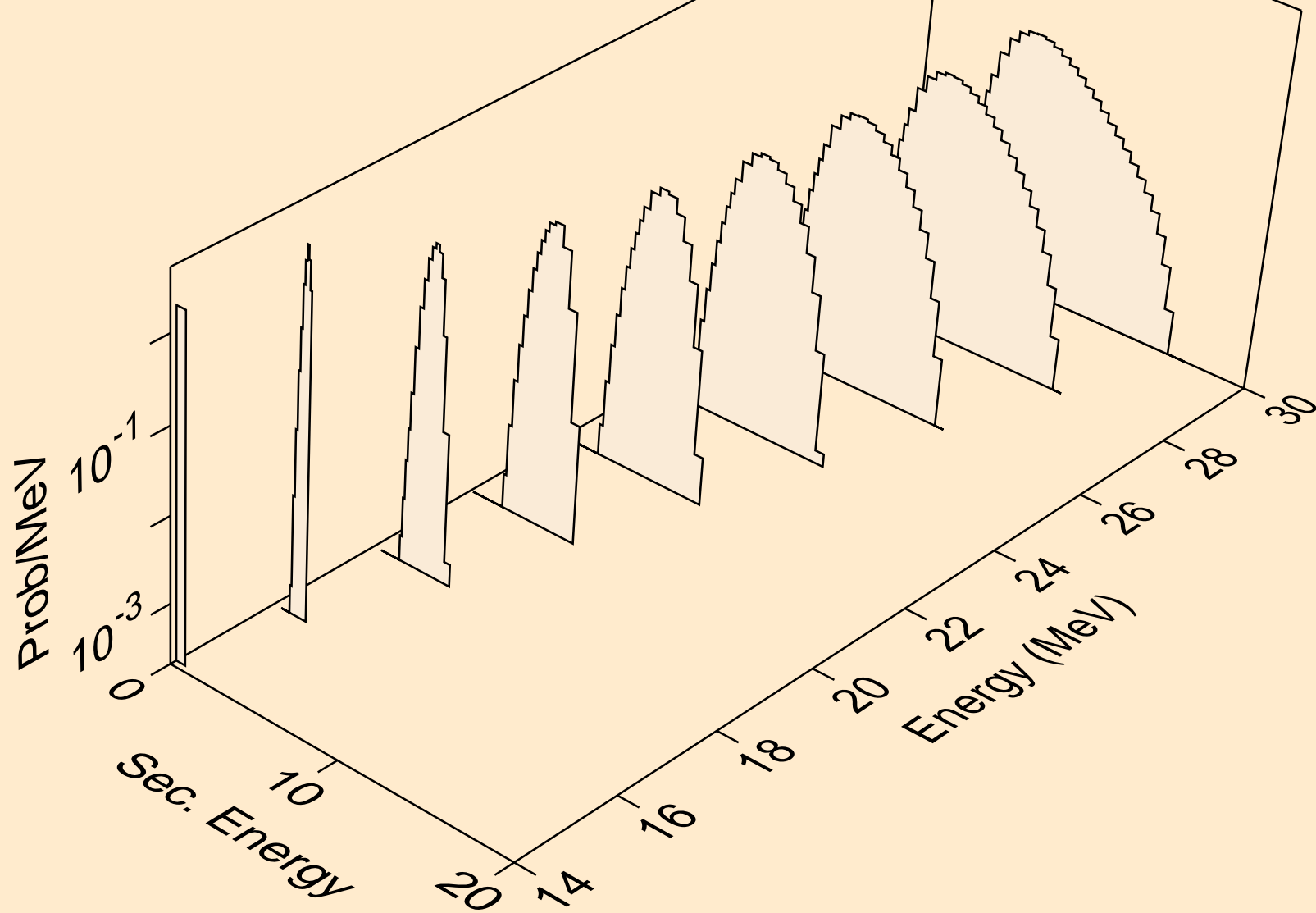


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,n\*)p

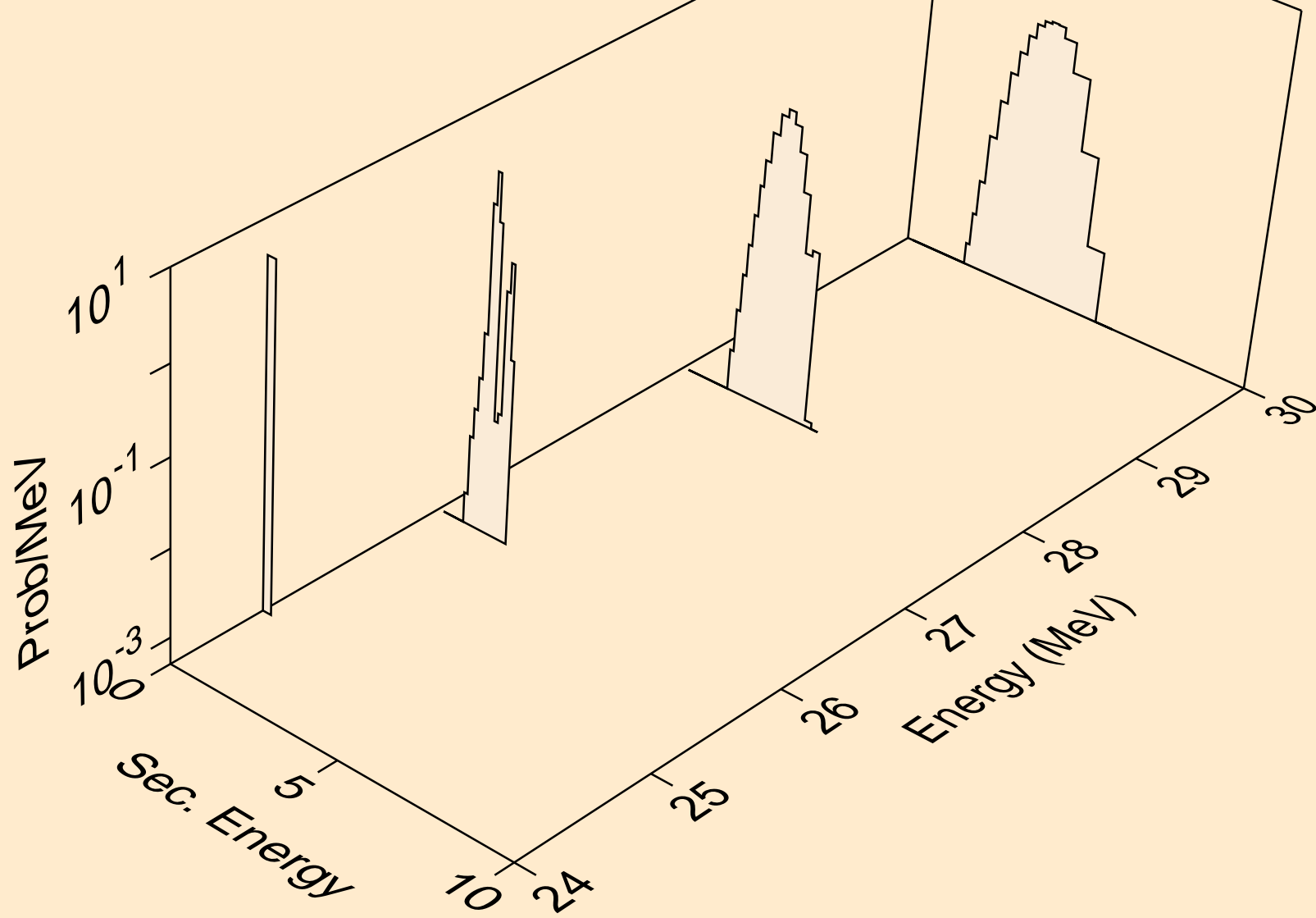




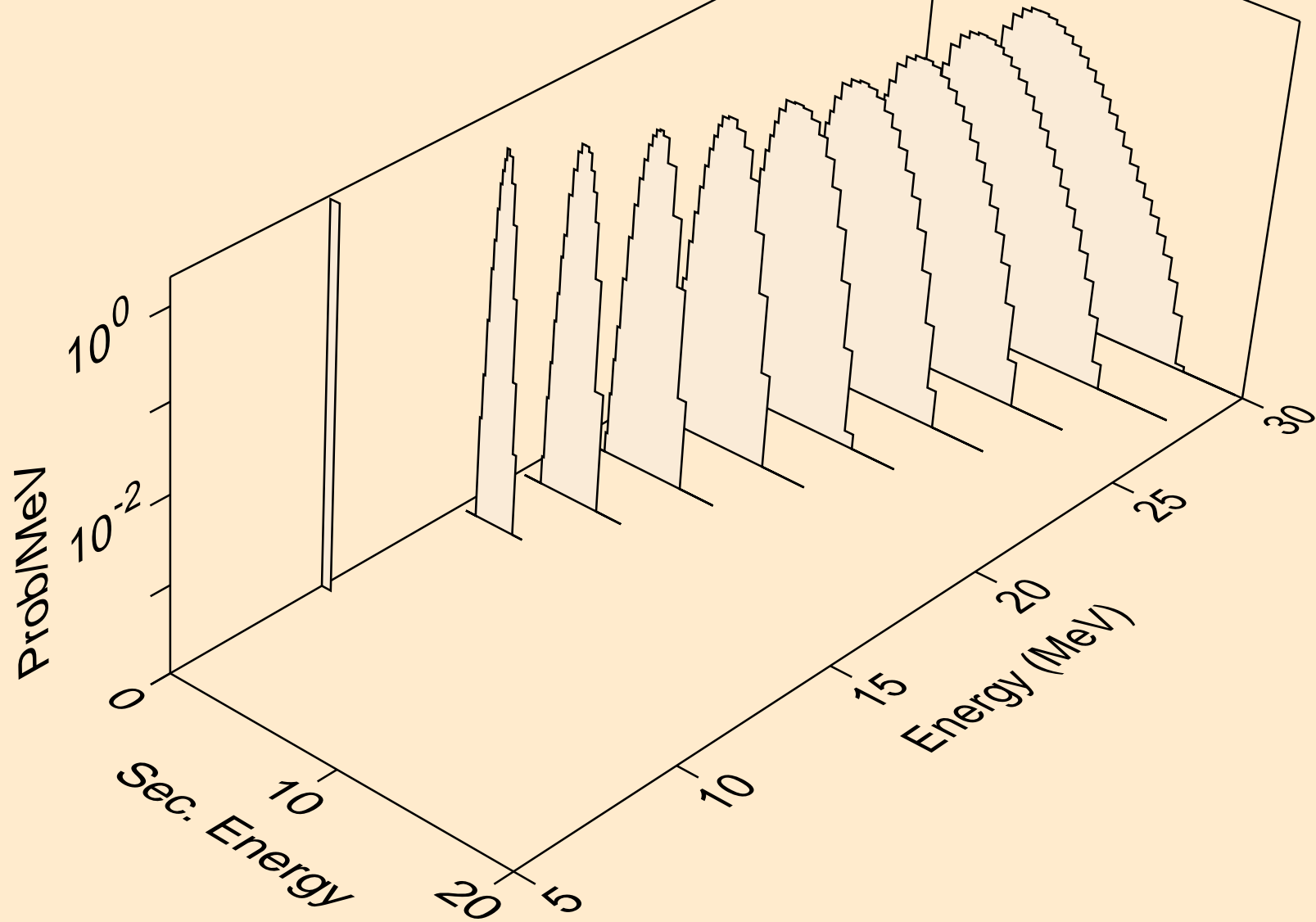
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2np)



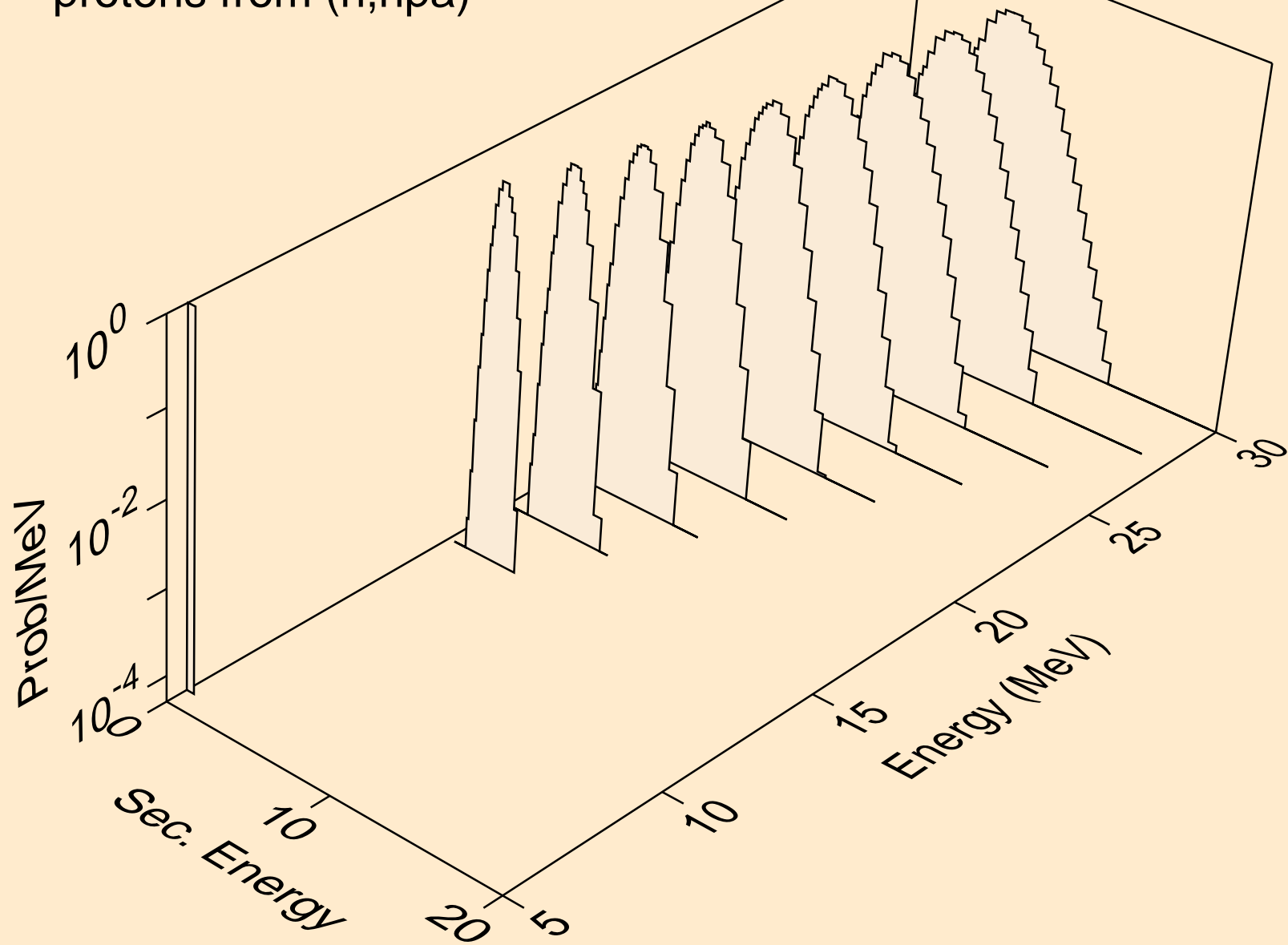
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,3np)



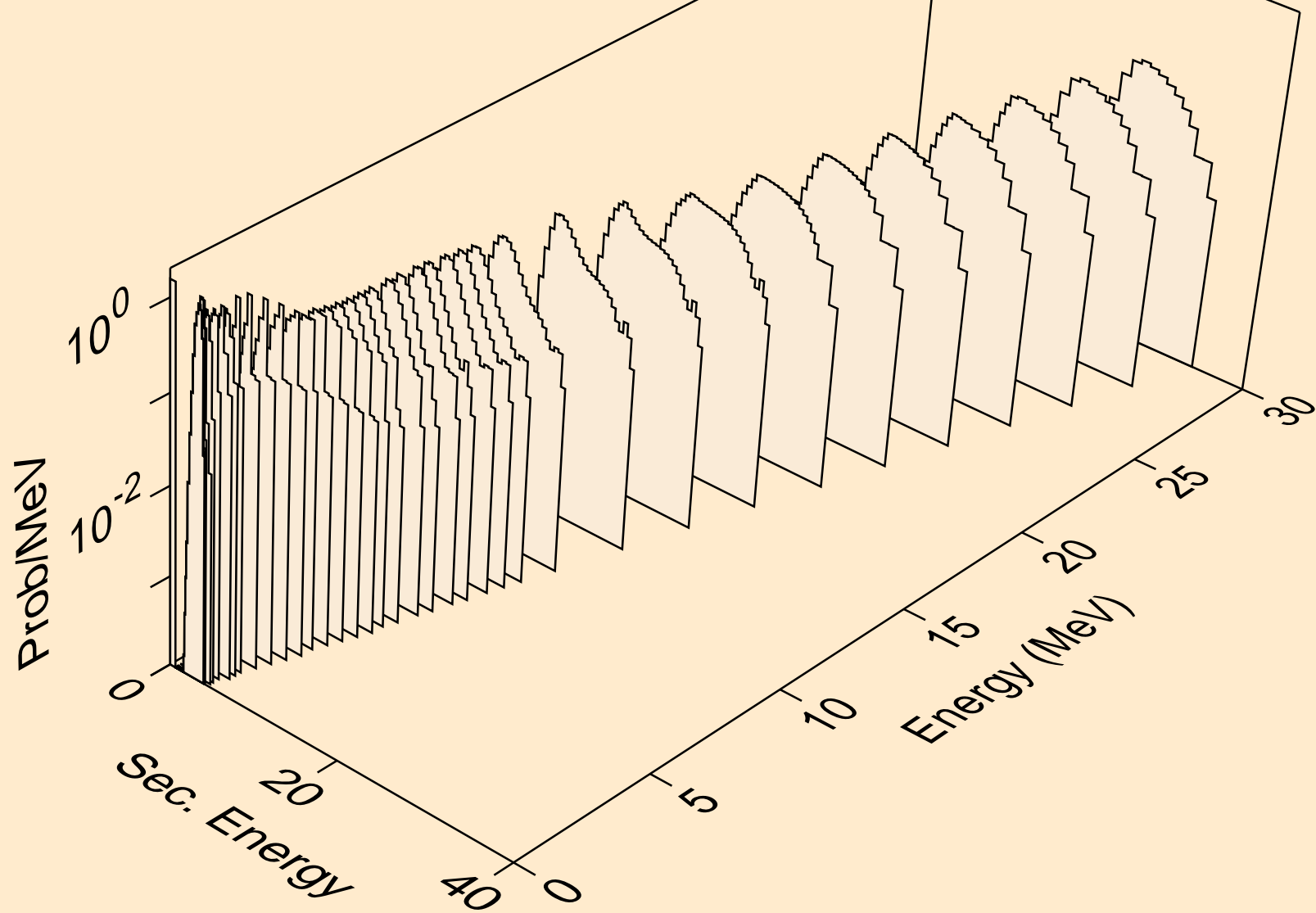
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protons from (n,2np)



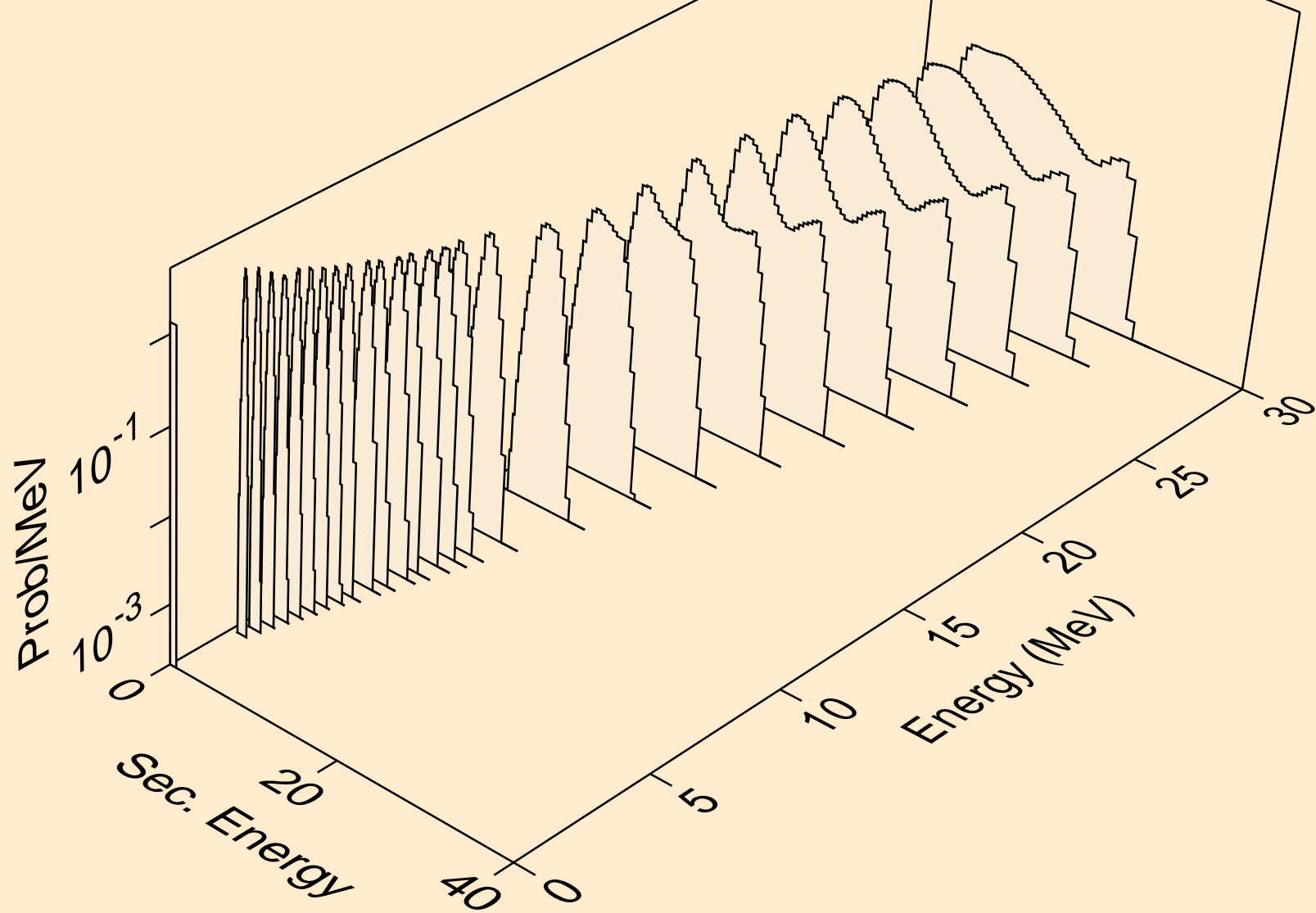
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,npa)



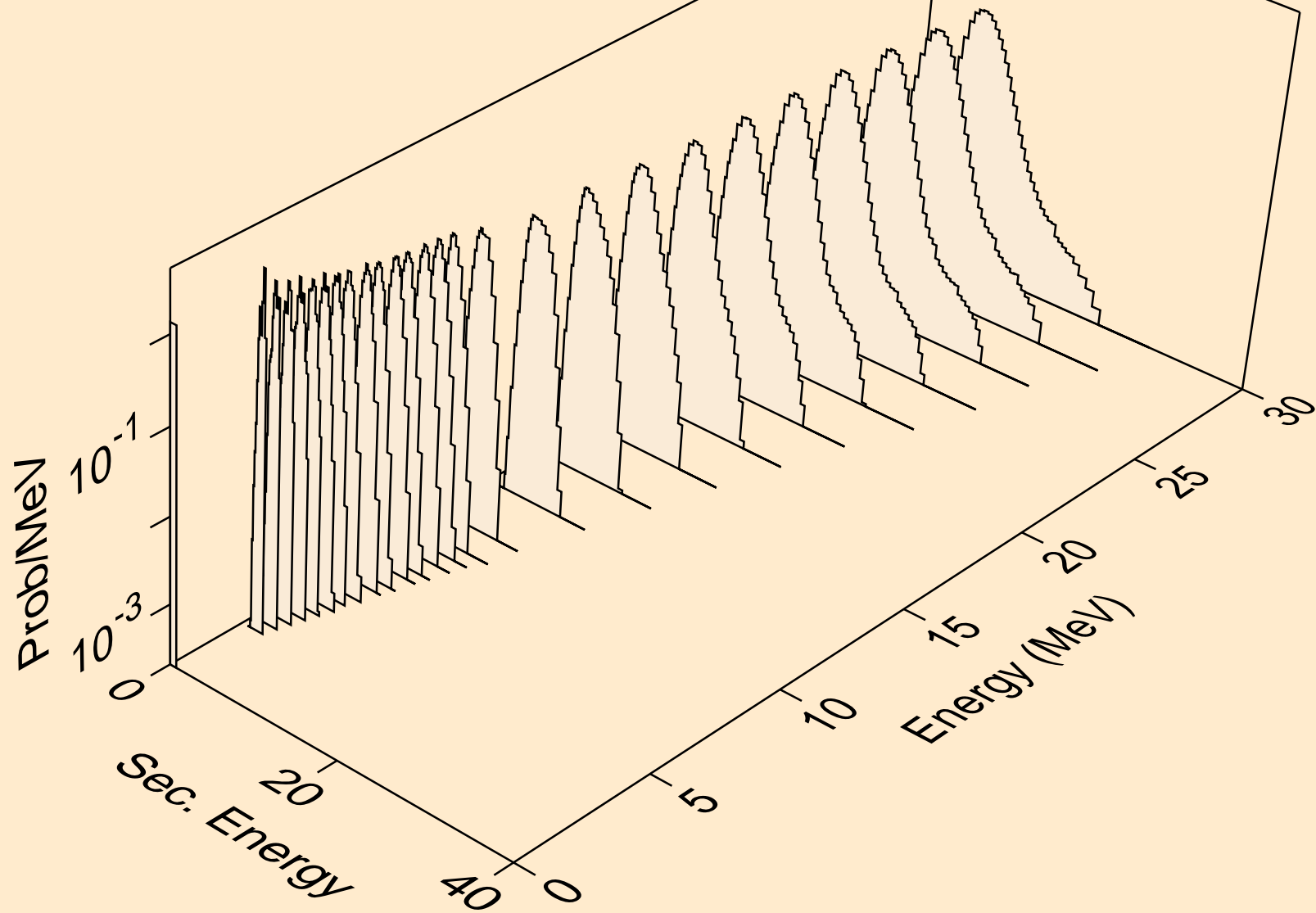
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protons from (n,p)



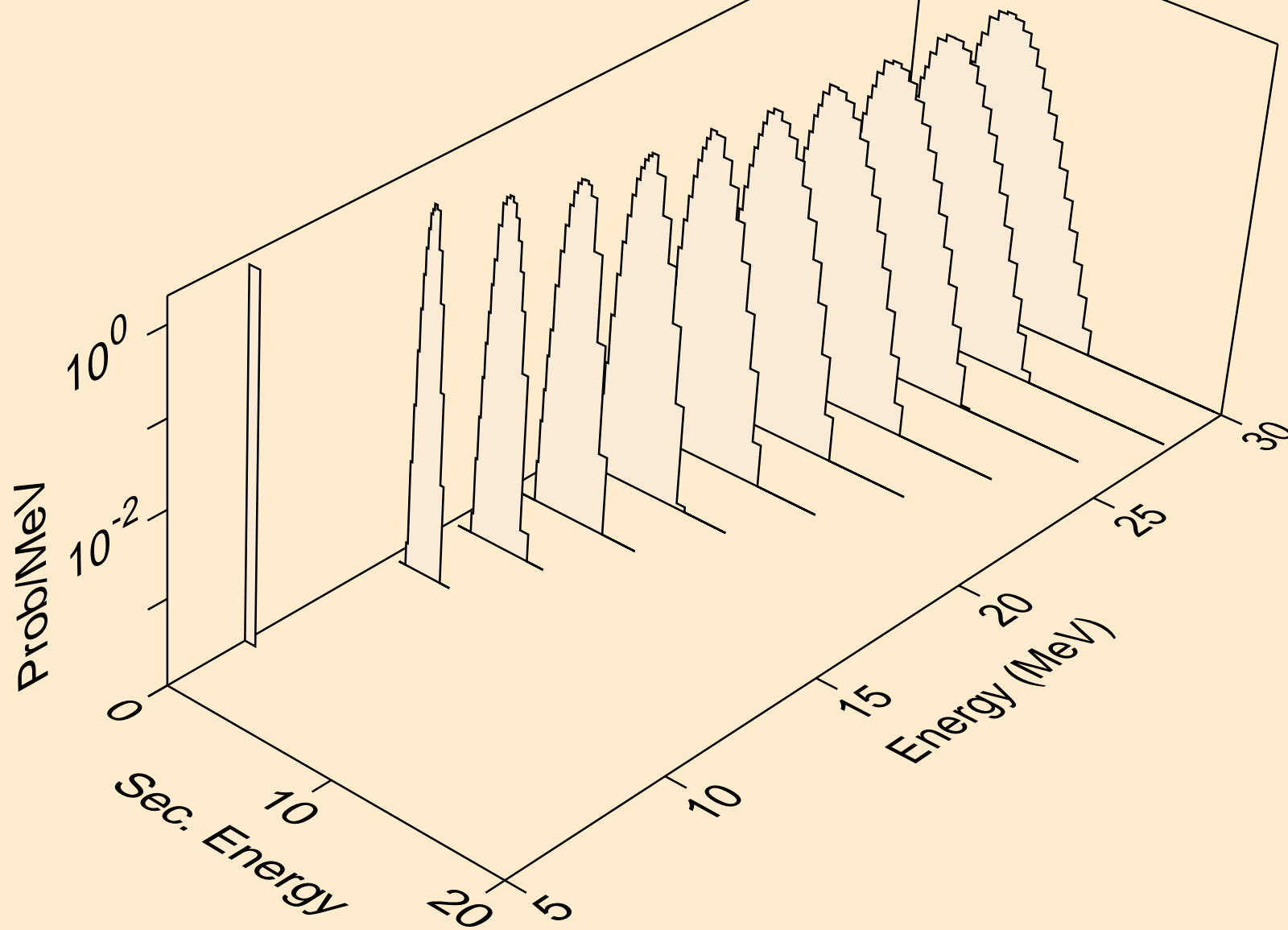
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,2p)



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,p)

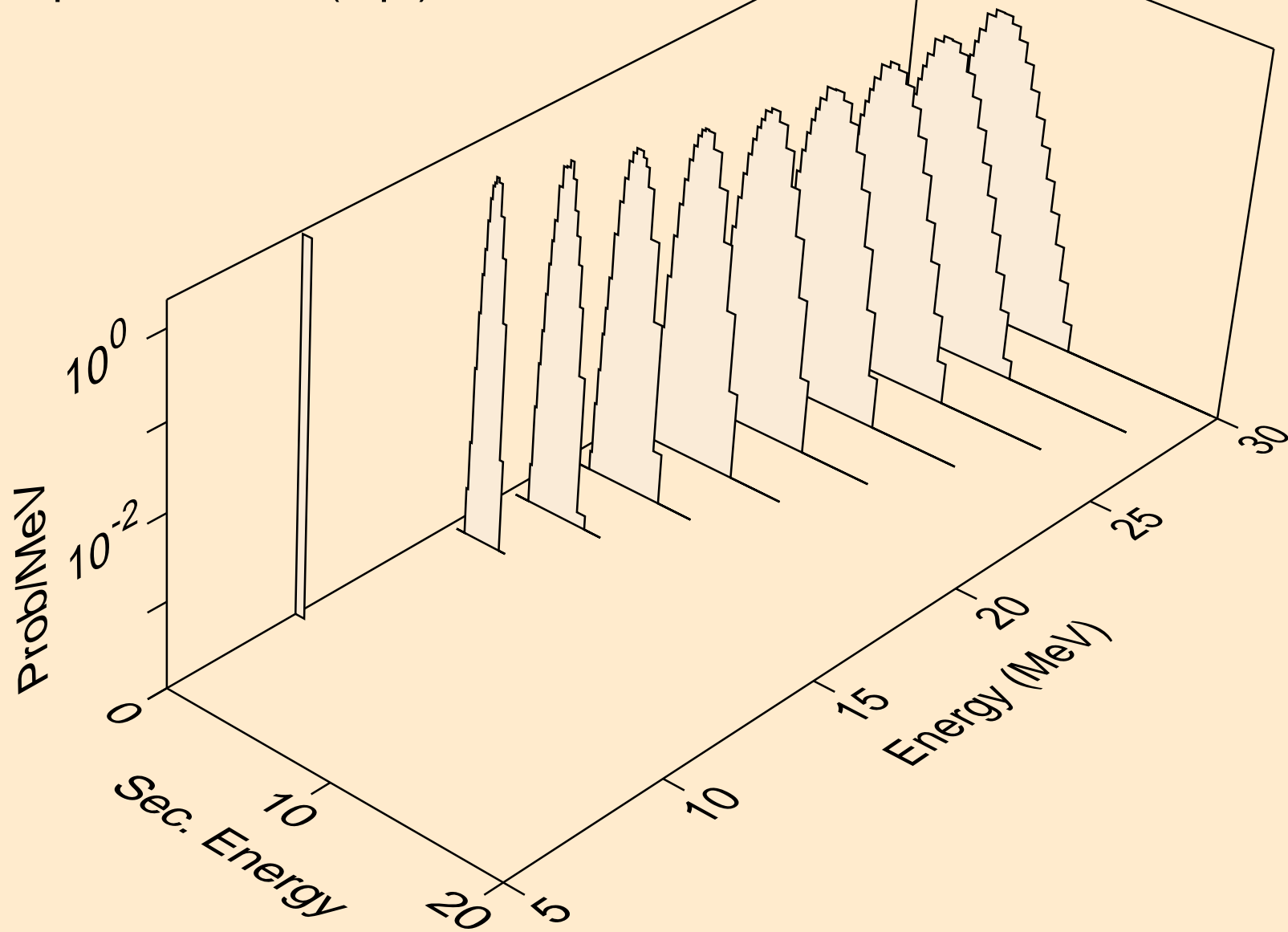


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protons from (n,pd)

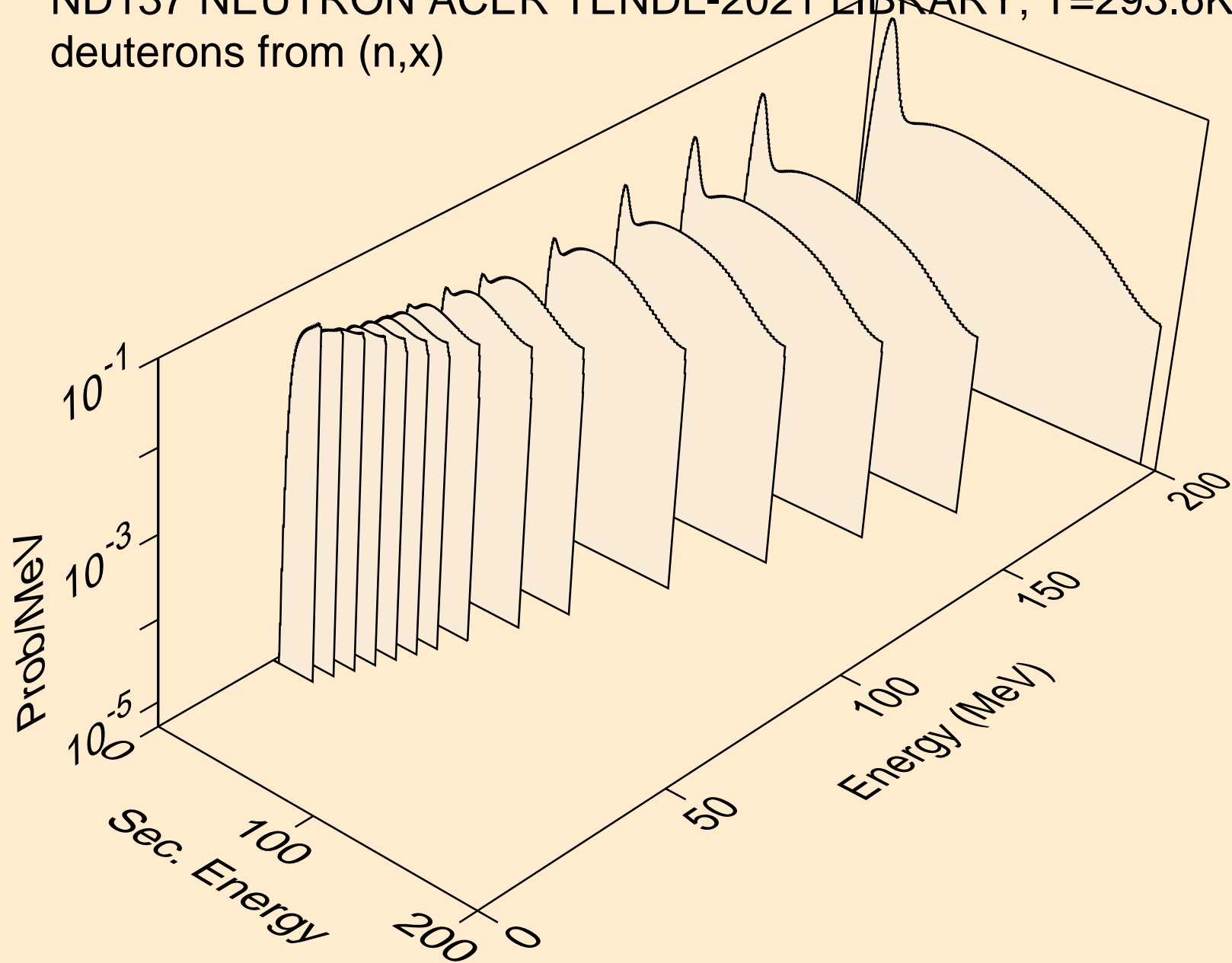




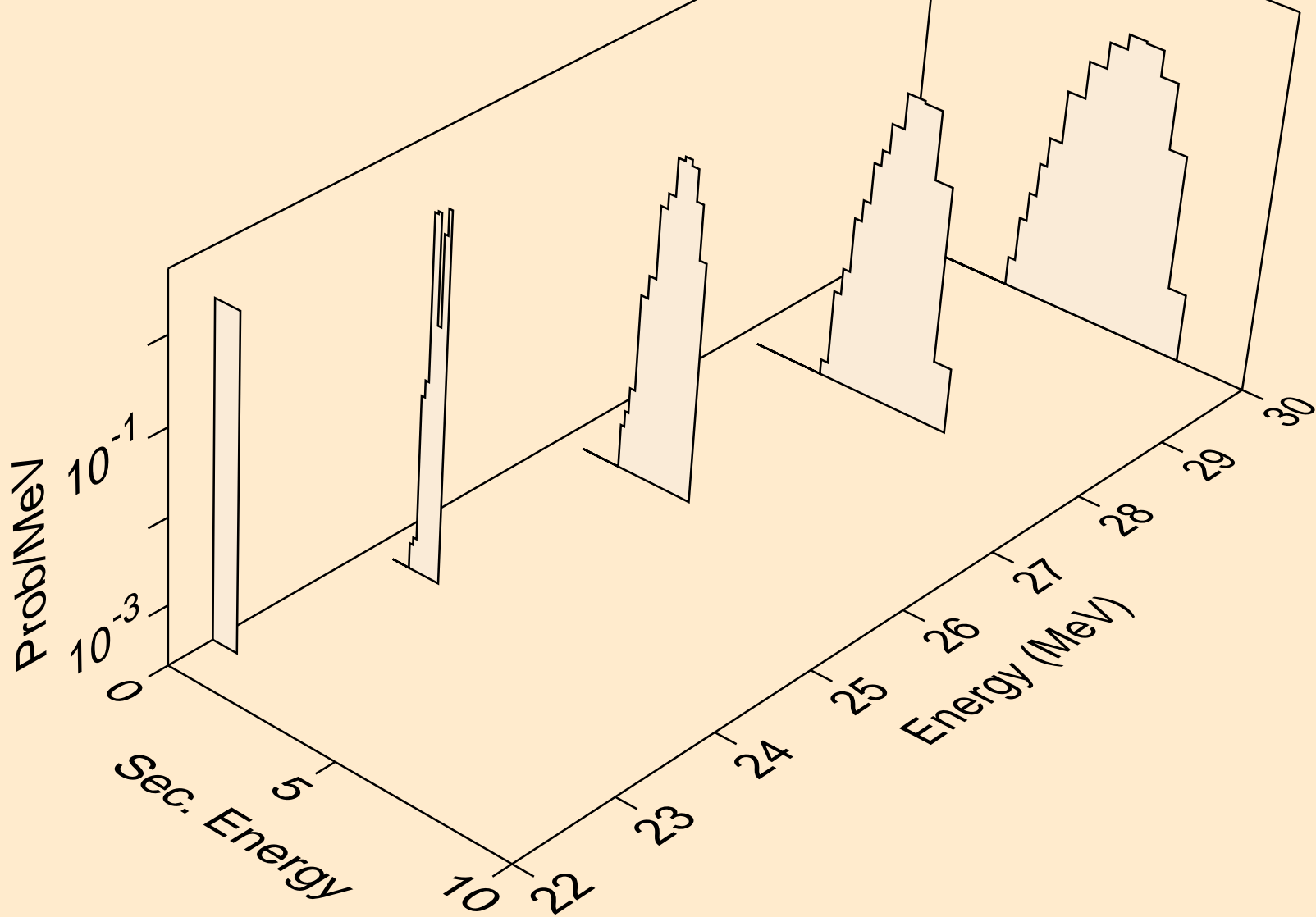
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
protons from (n,pt)



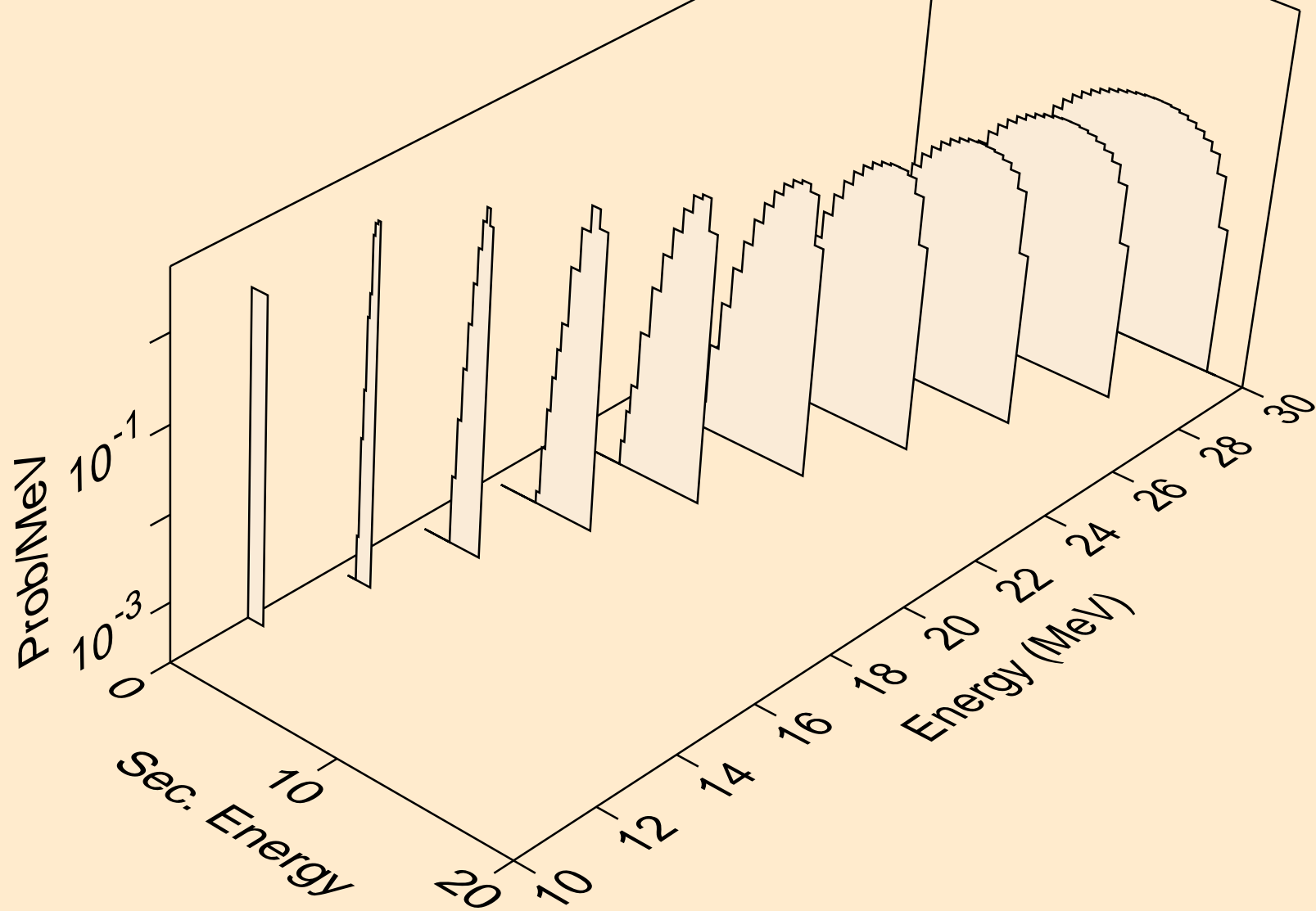
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,x)



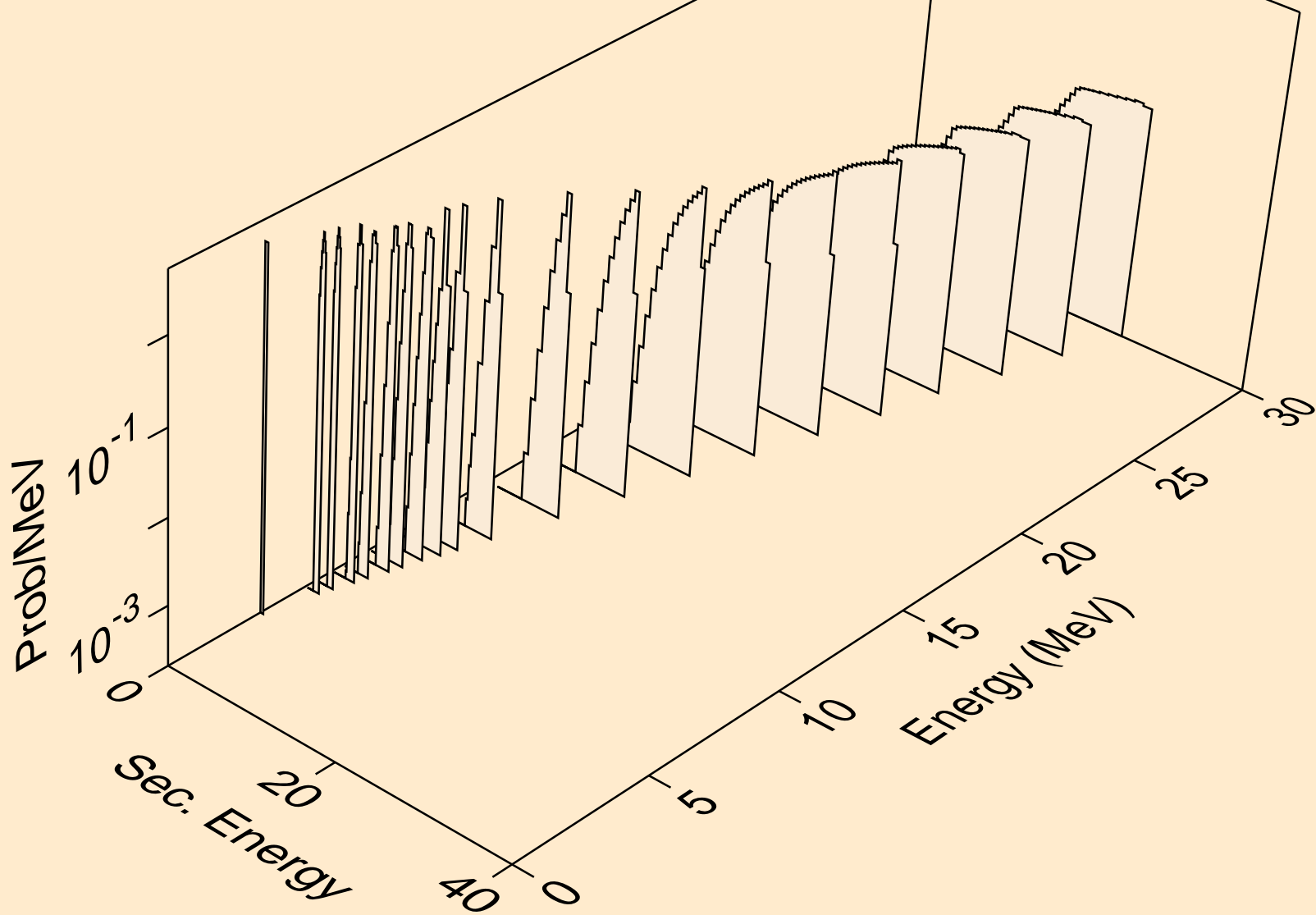
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,2nd)



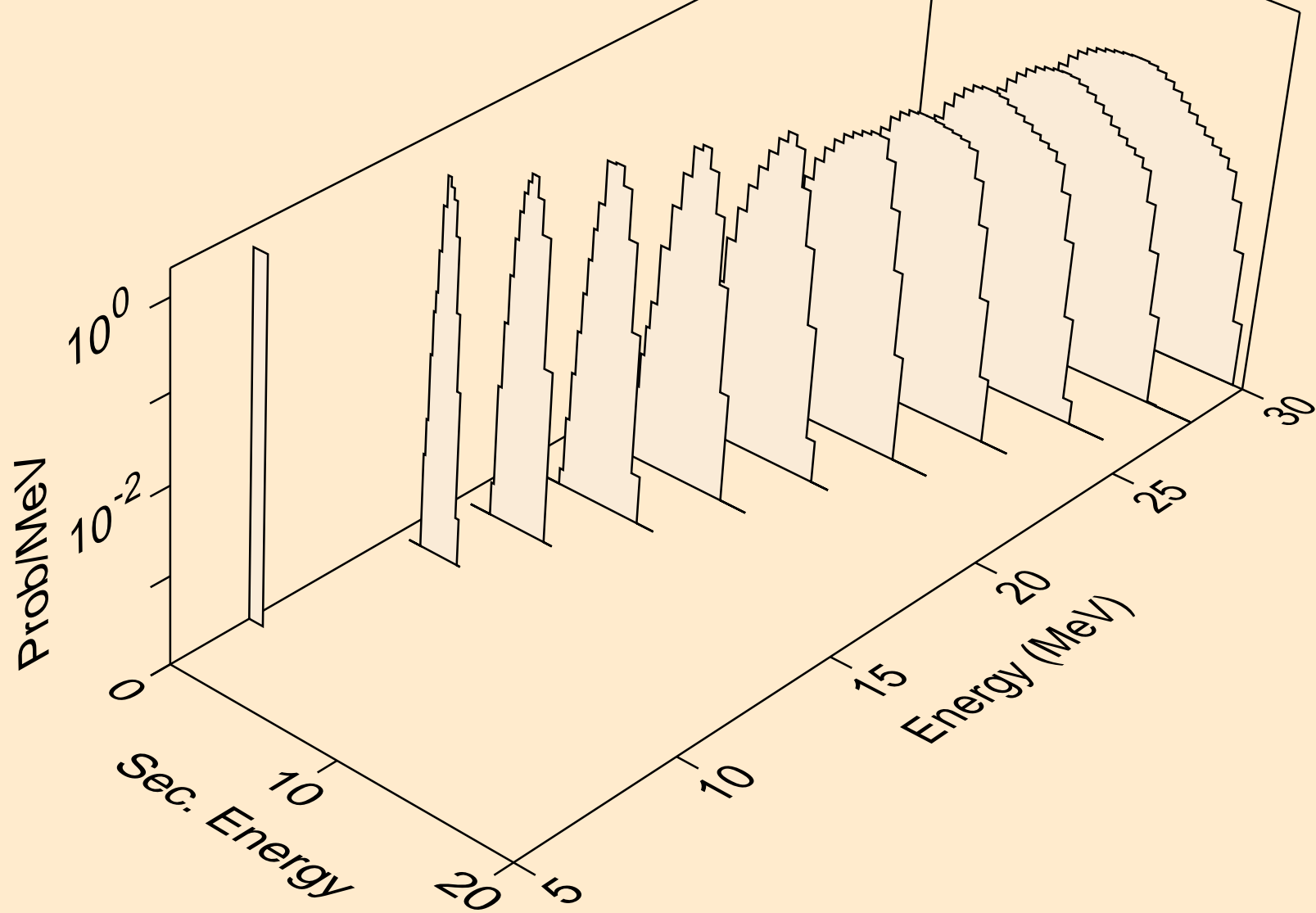
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



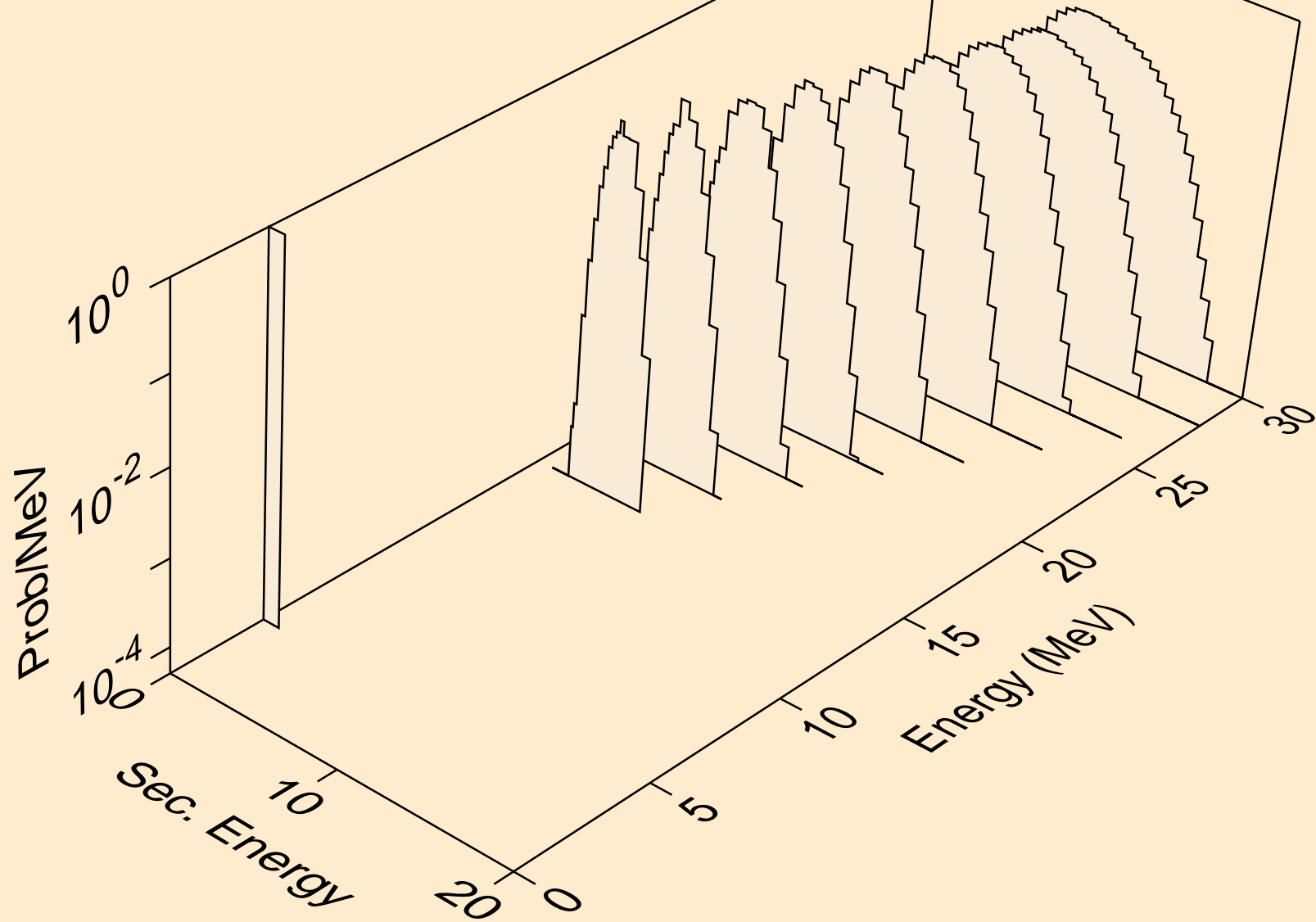
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deuterons from (n,d)



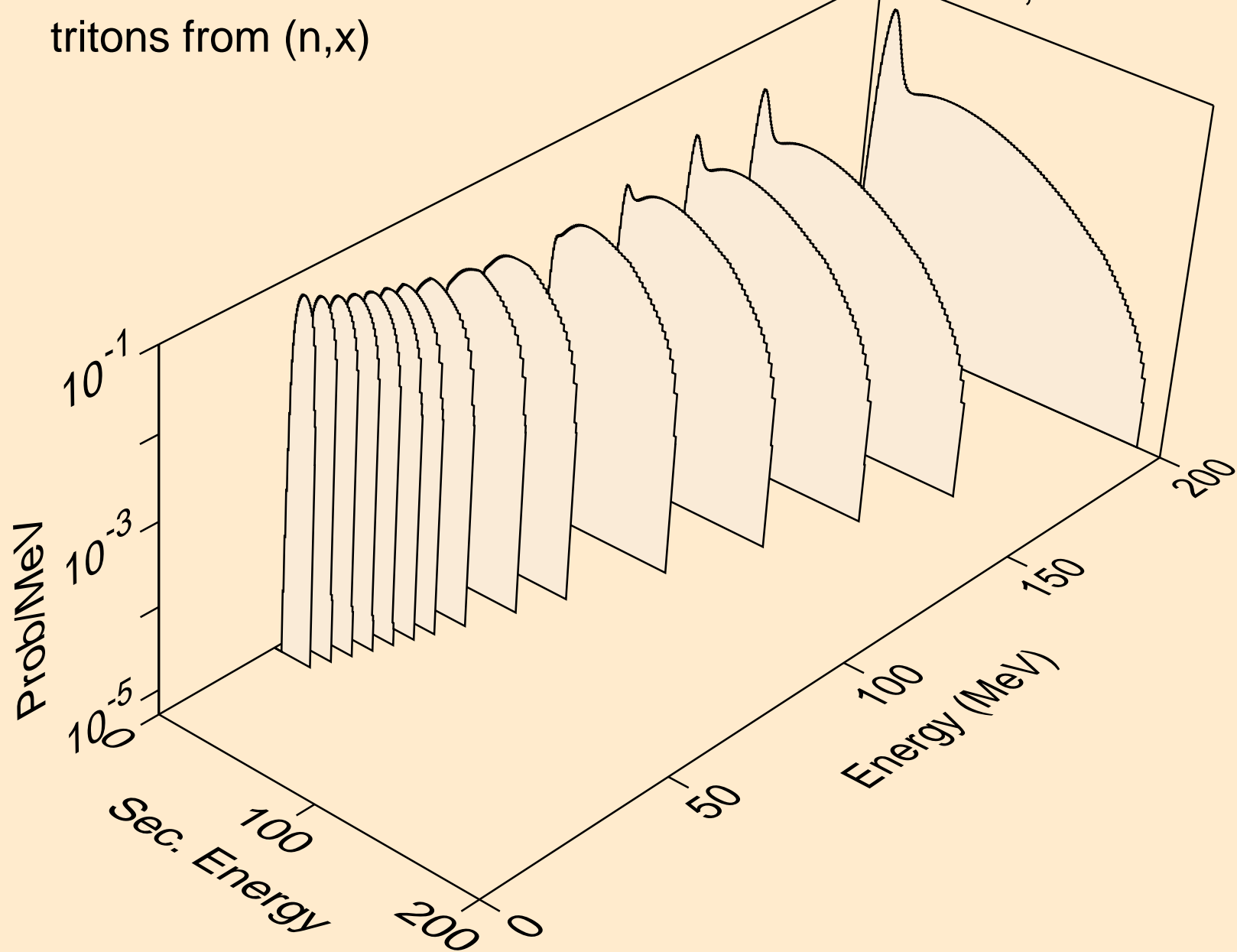
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,pd)



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
deuterons from (n,da)

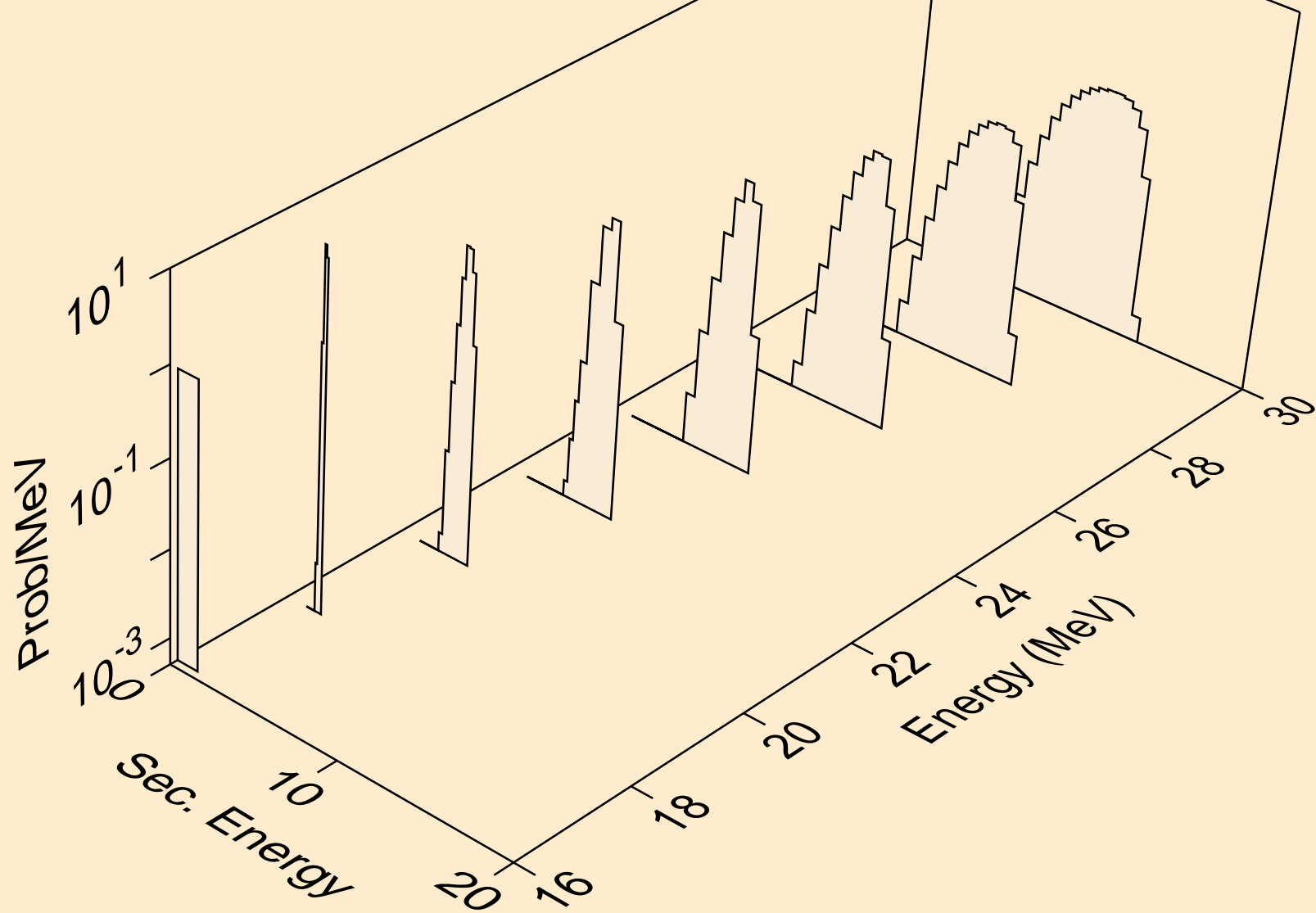


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,x)

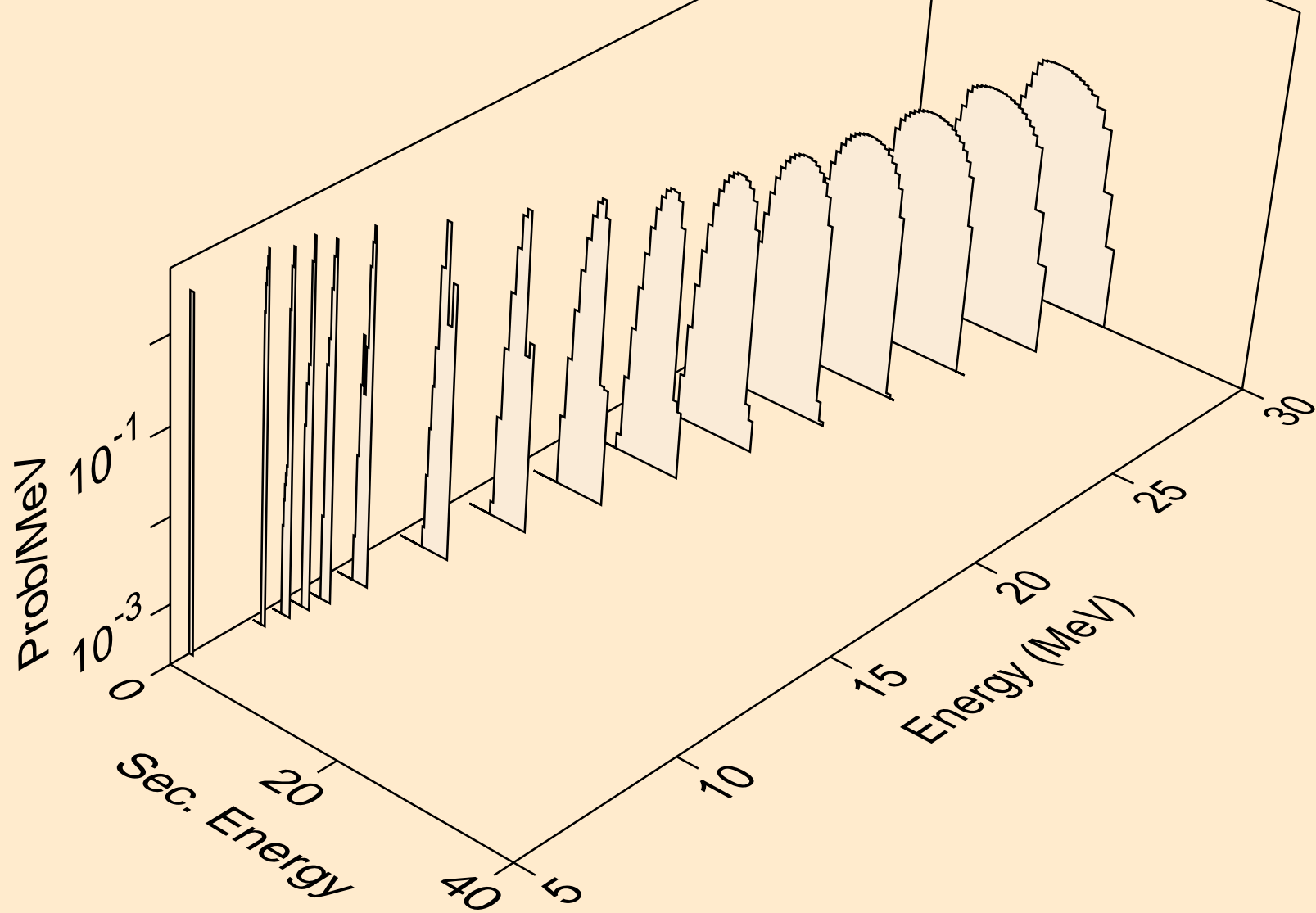




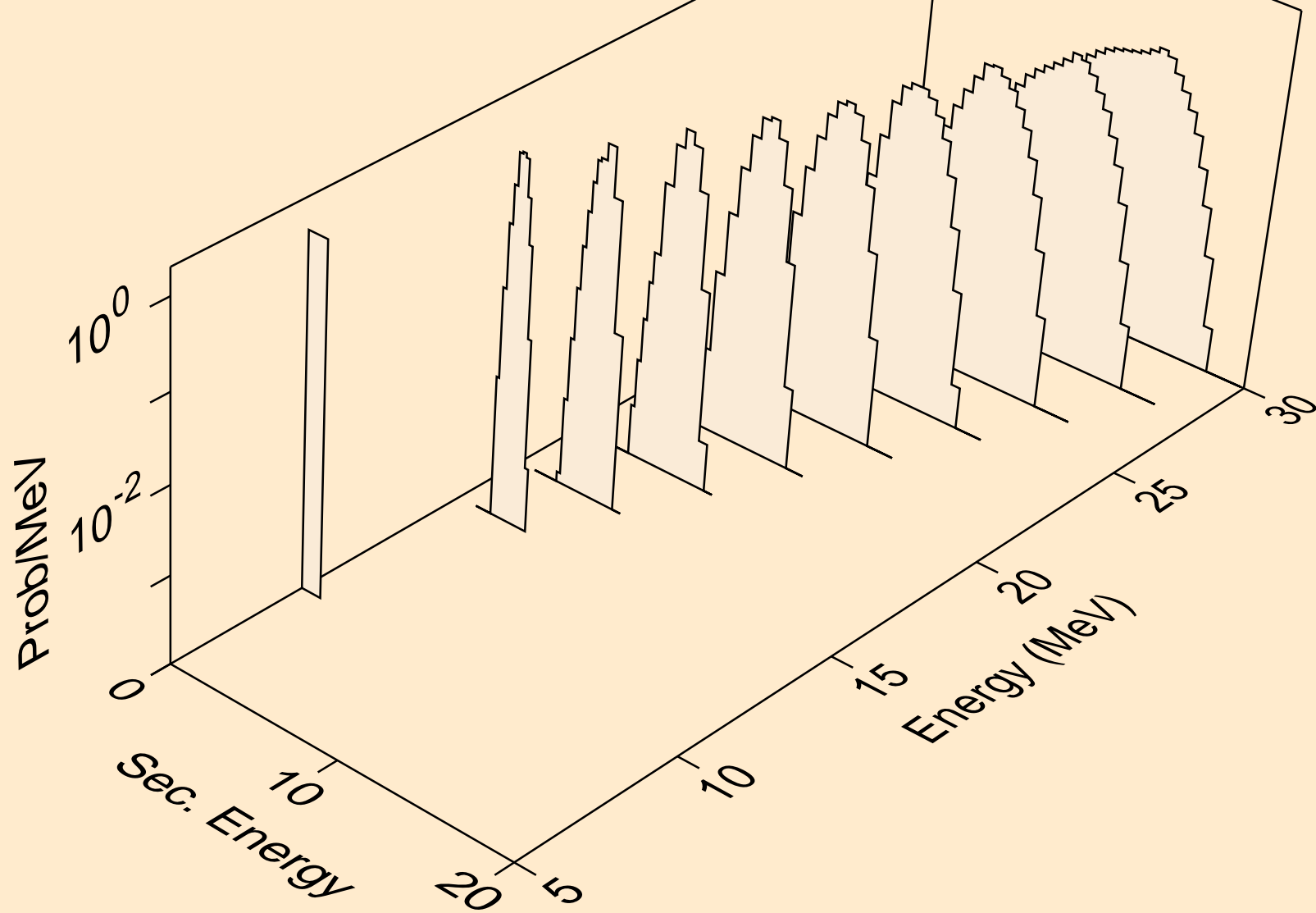
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
tritons from (n,n\*)t



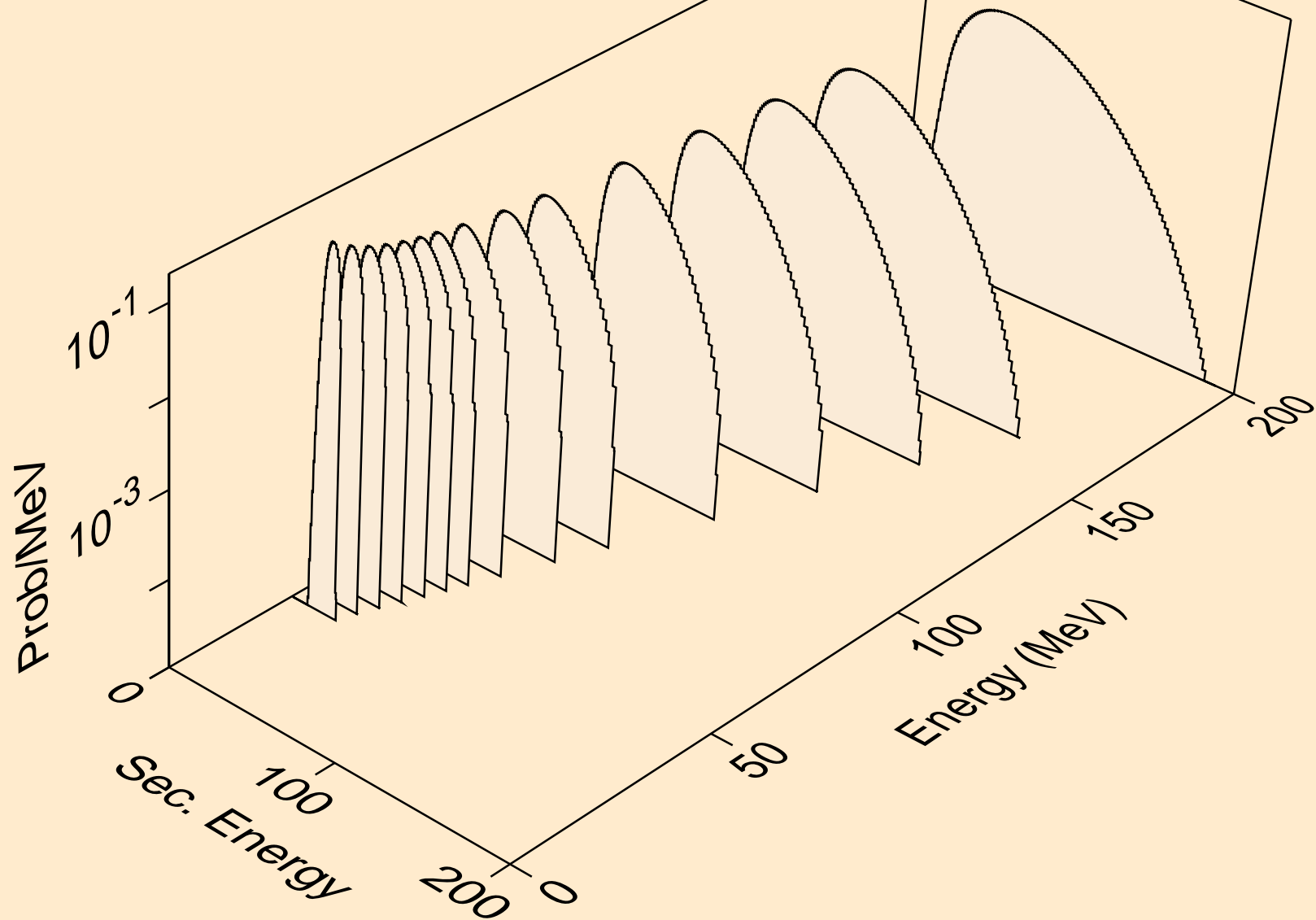
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tritons from (n,t)



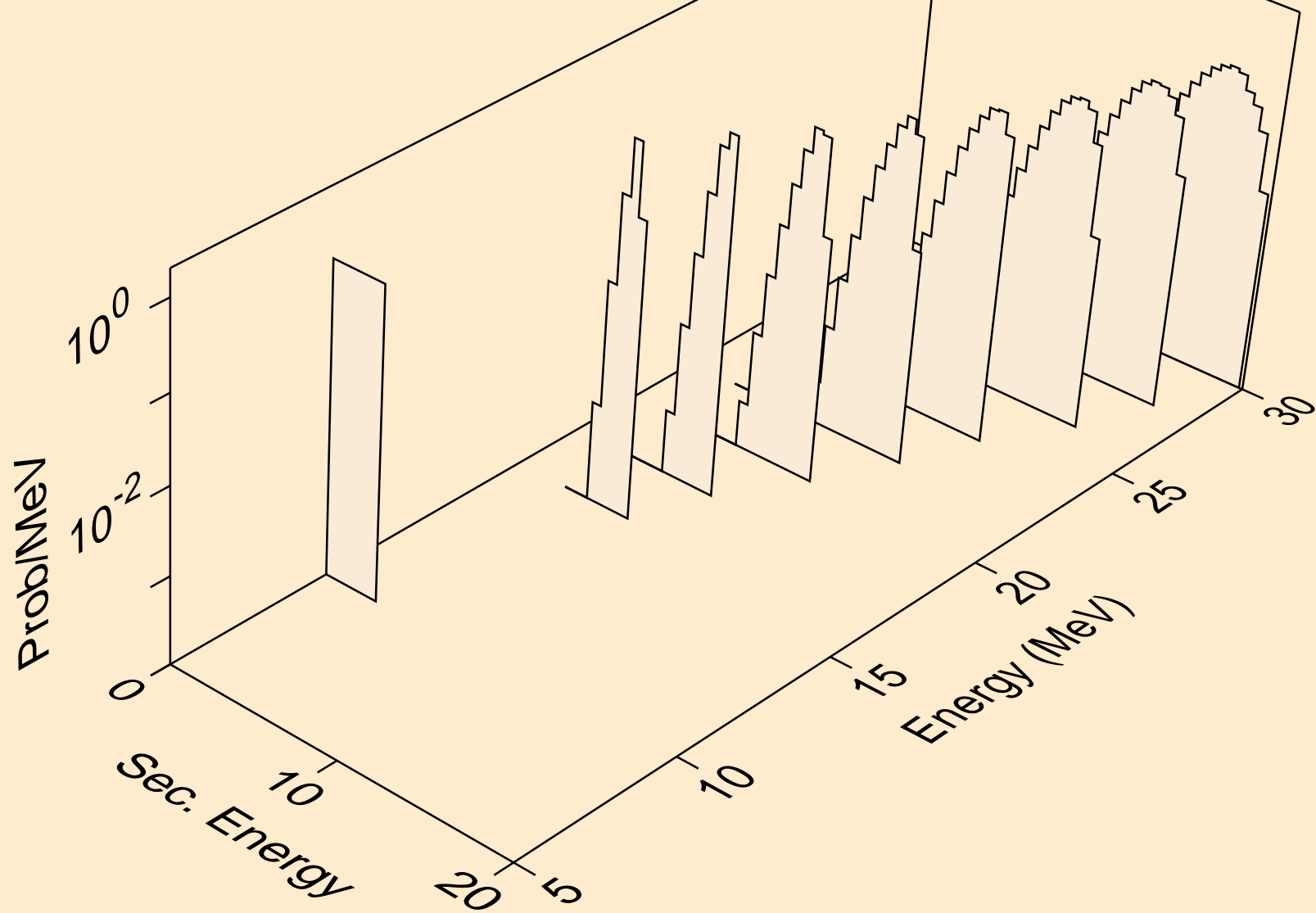
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tritons from (n,pt)



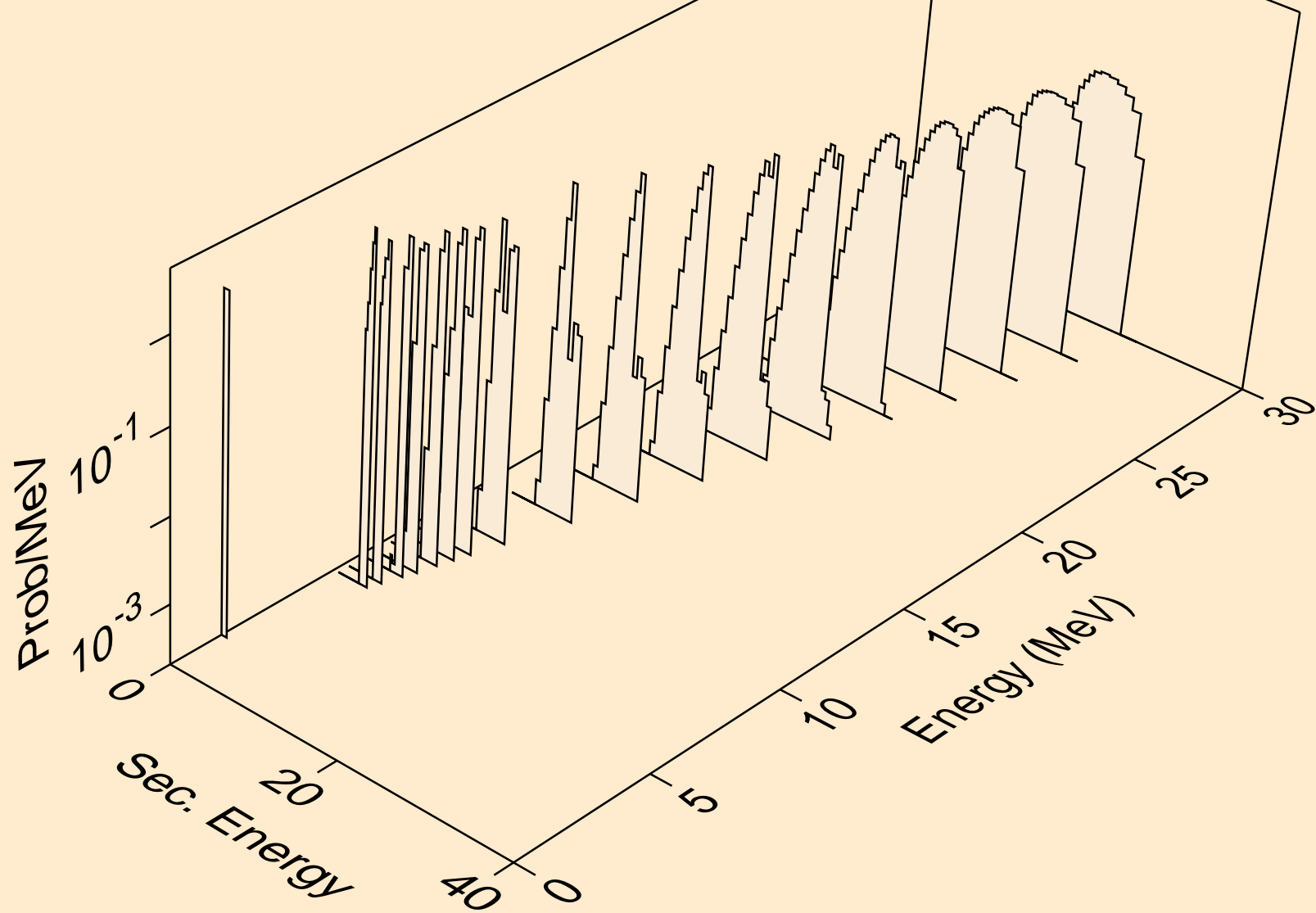
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,x)



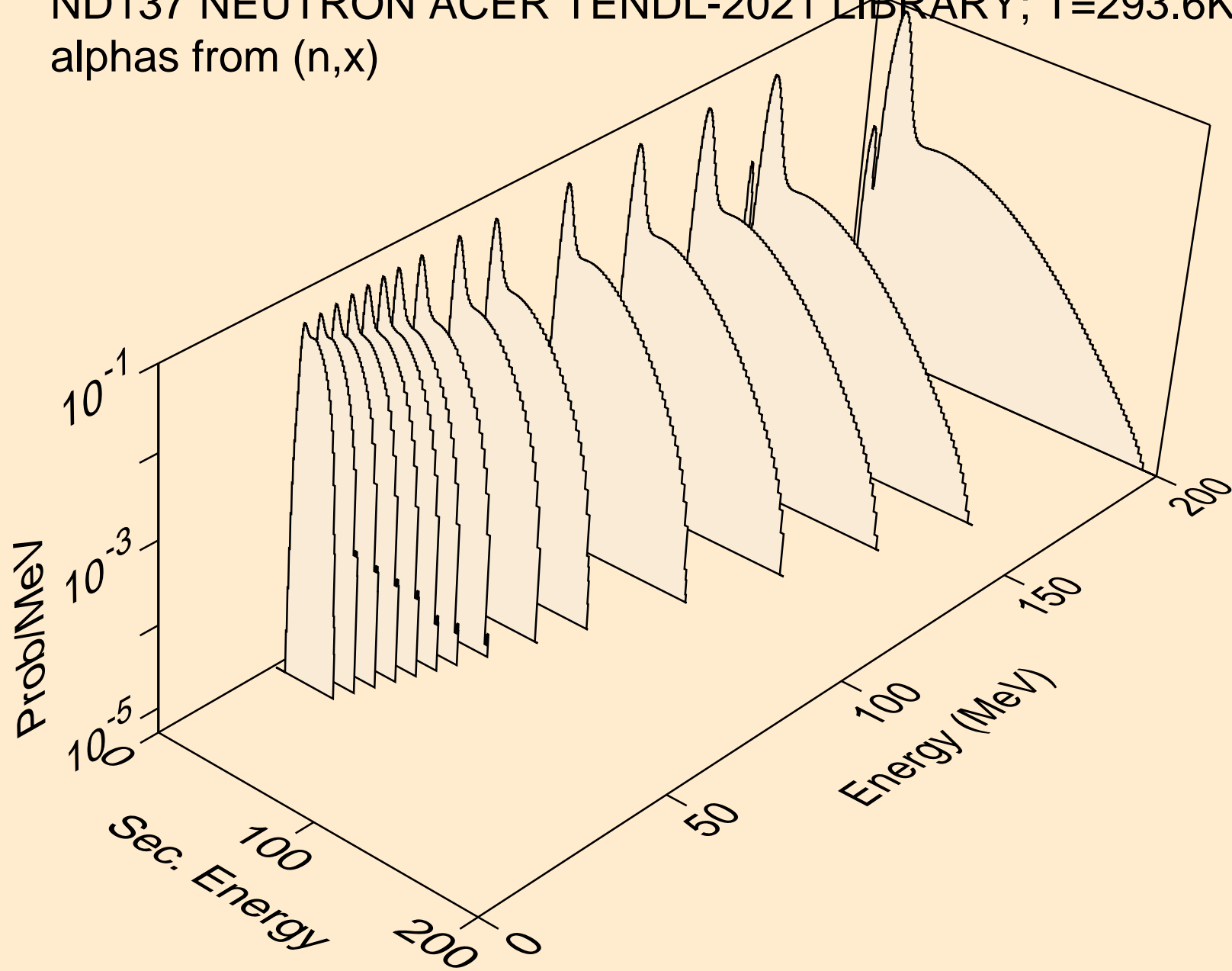
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



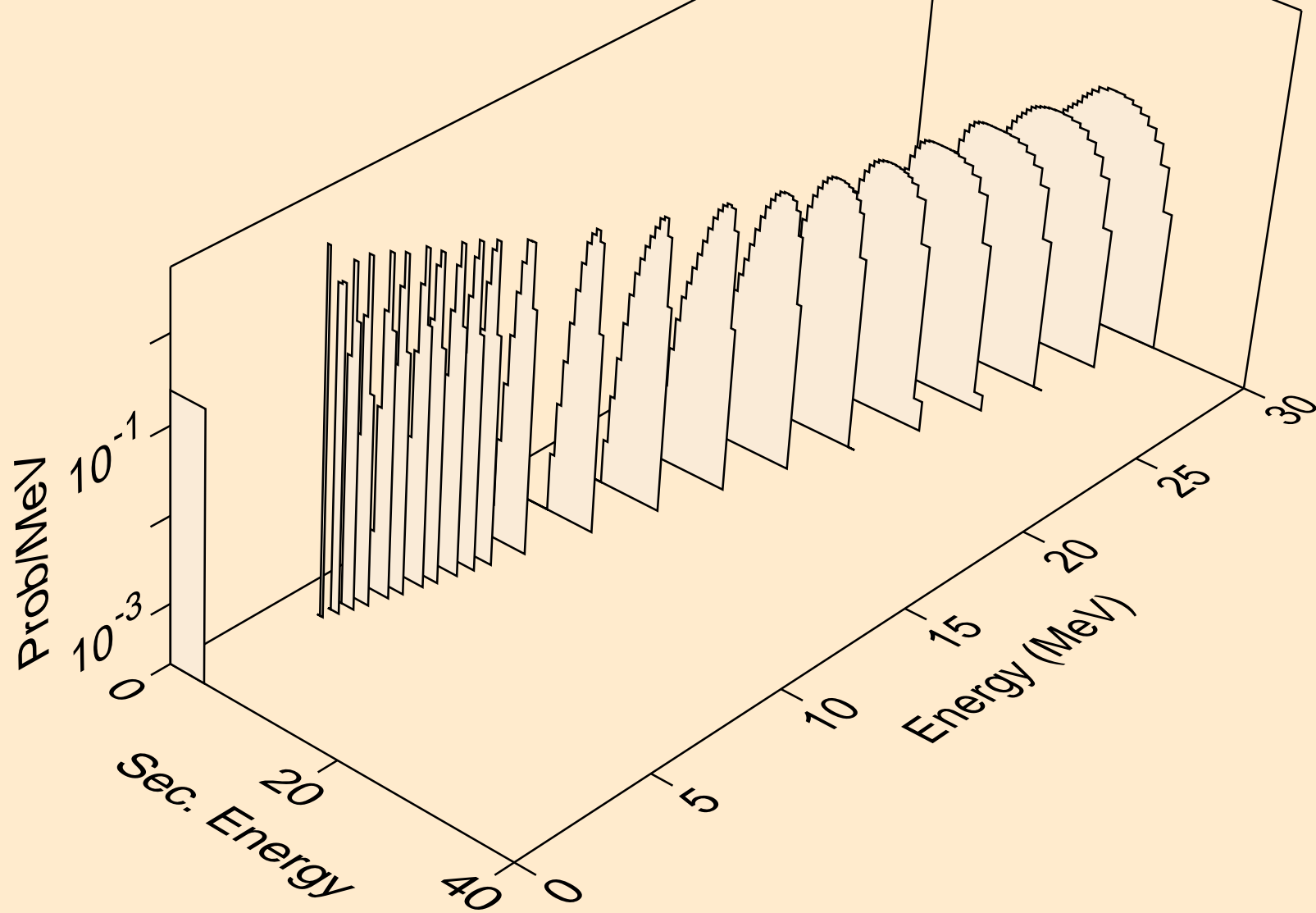
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
he3s from (n,he3)



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,x)

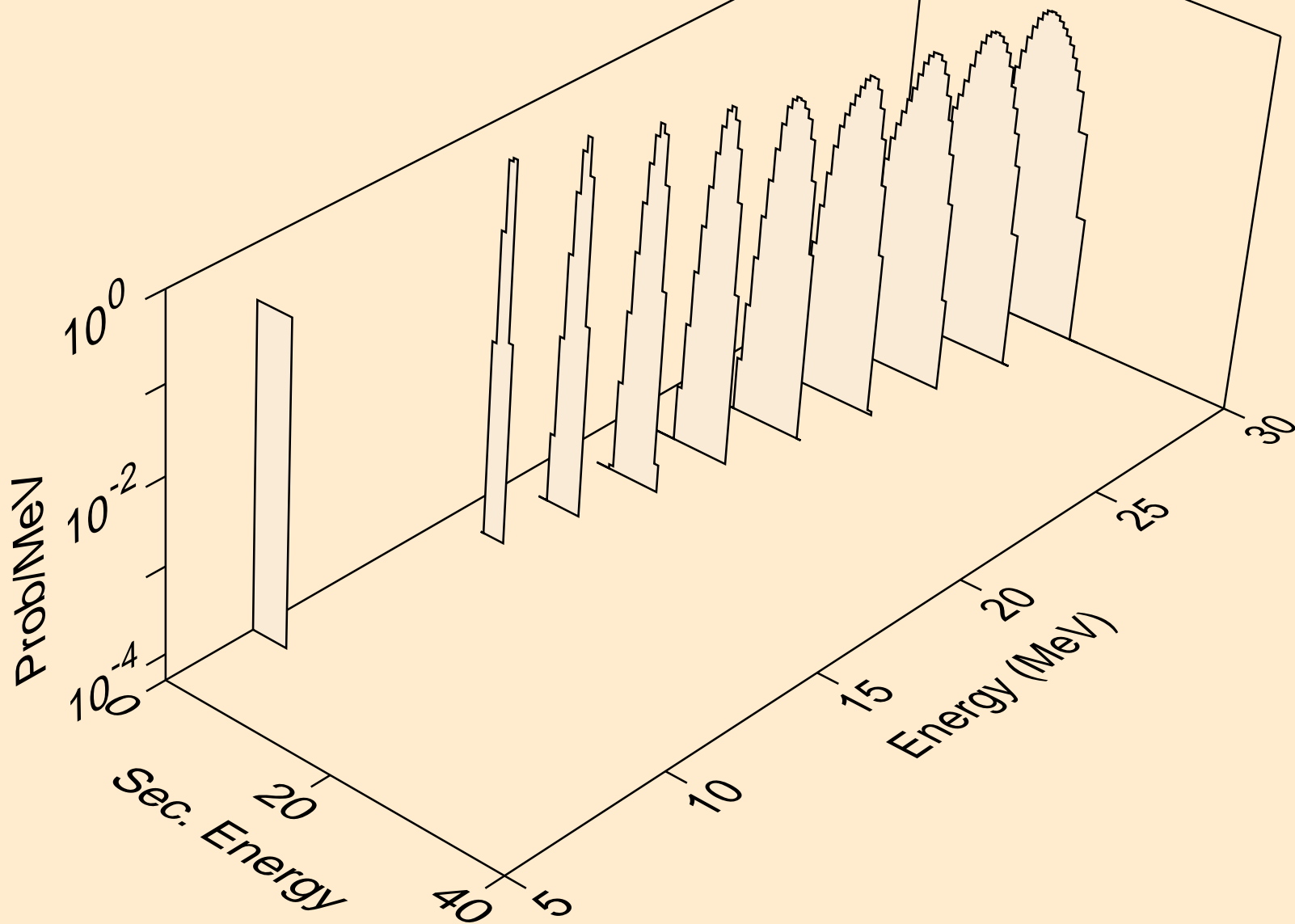


ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)a

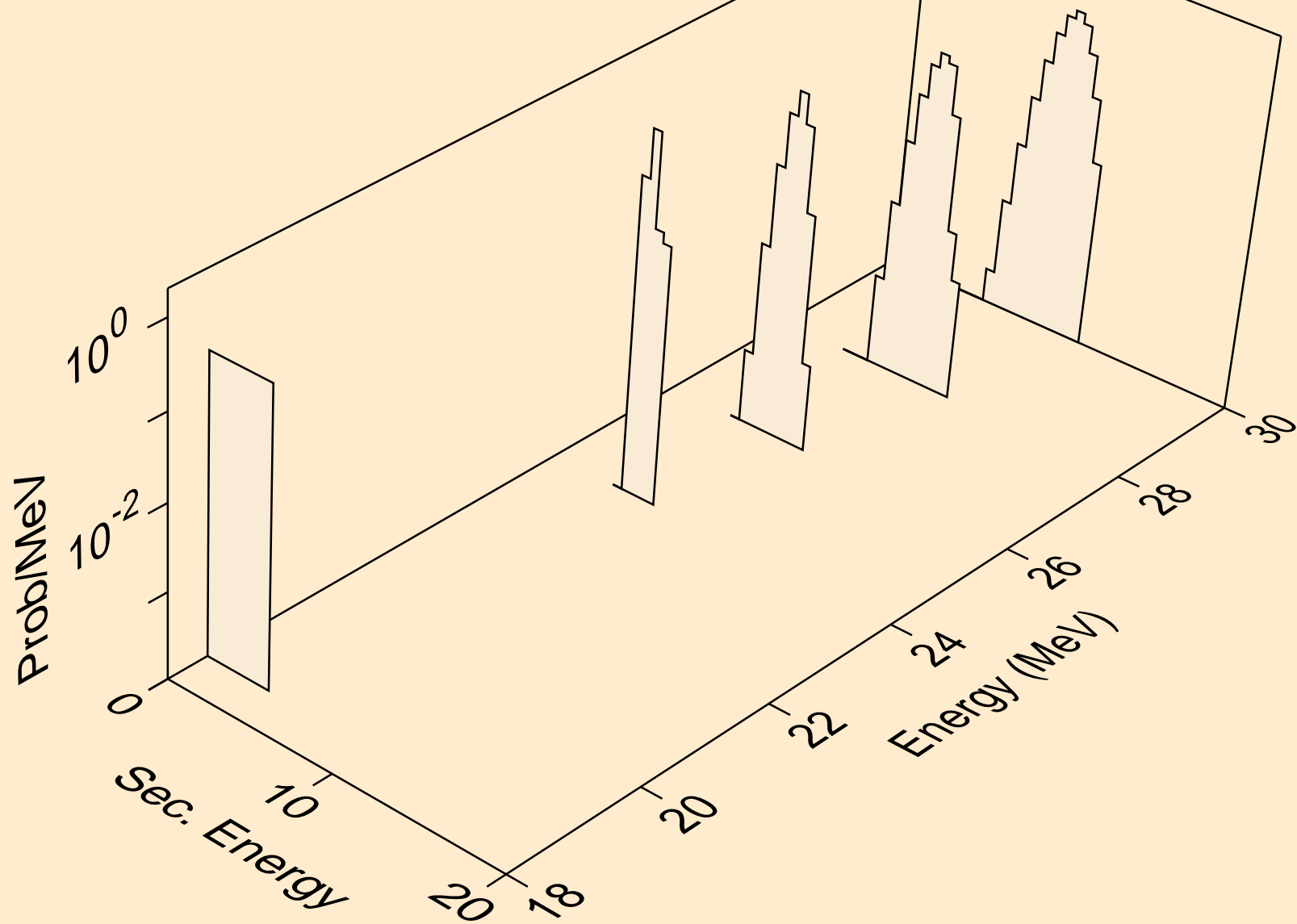




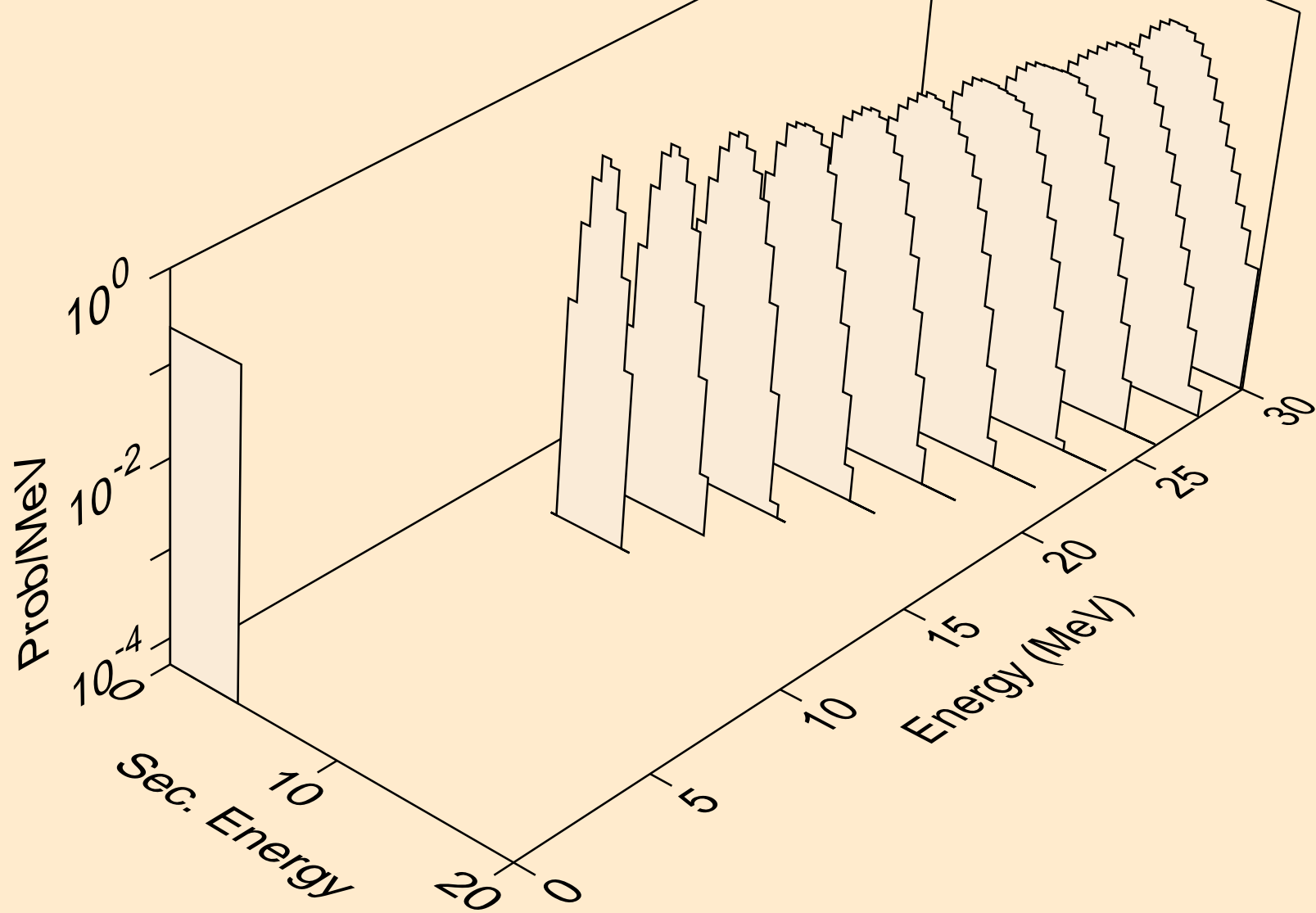
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)a



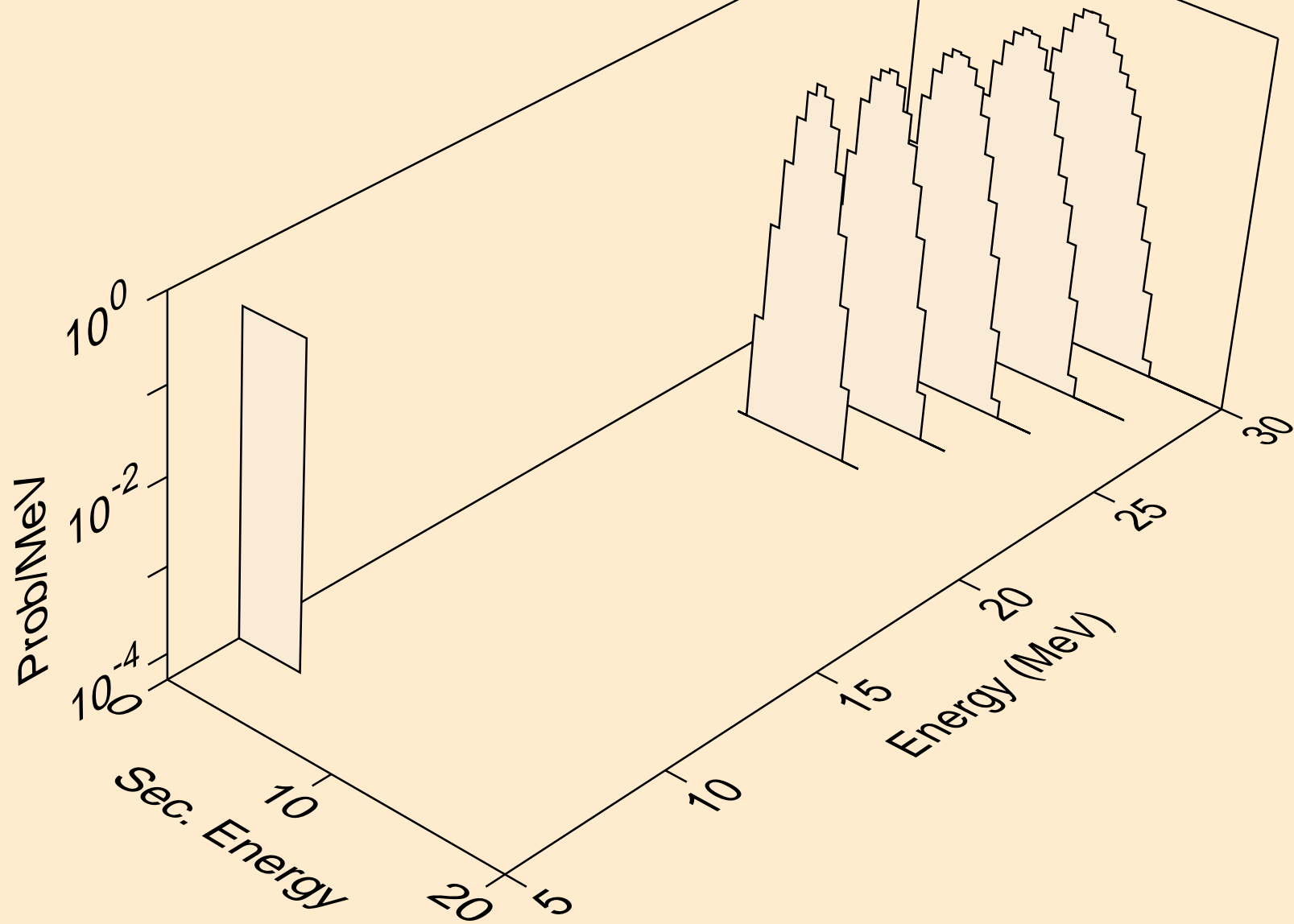
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,3n)a



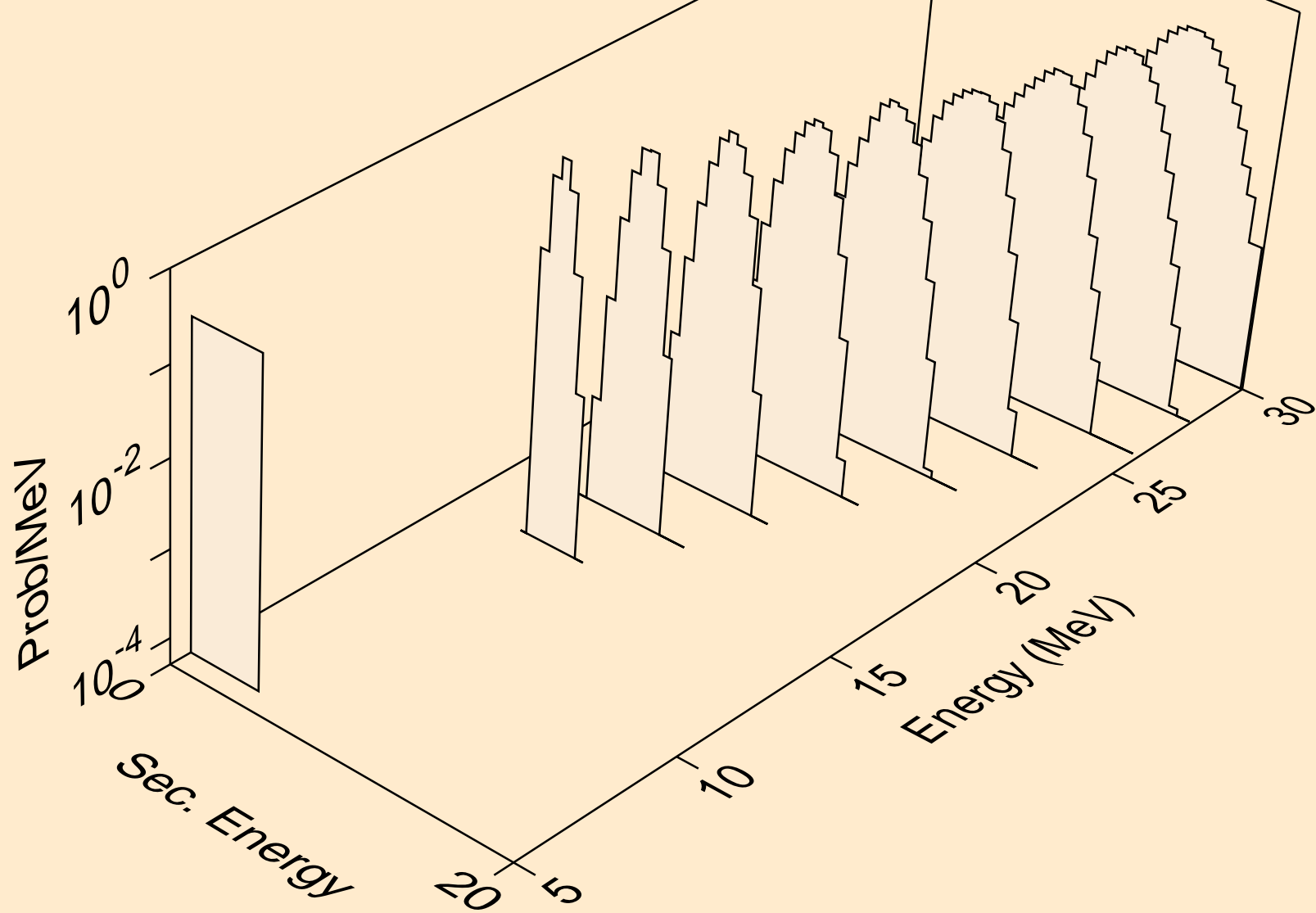
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



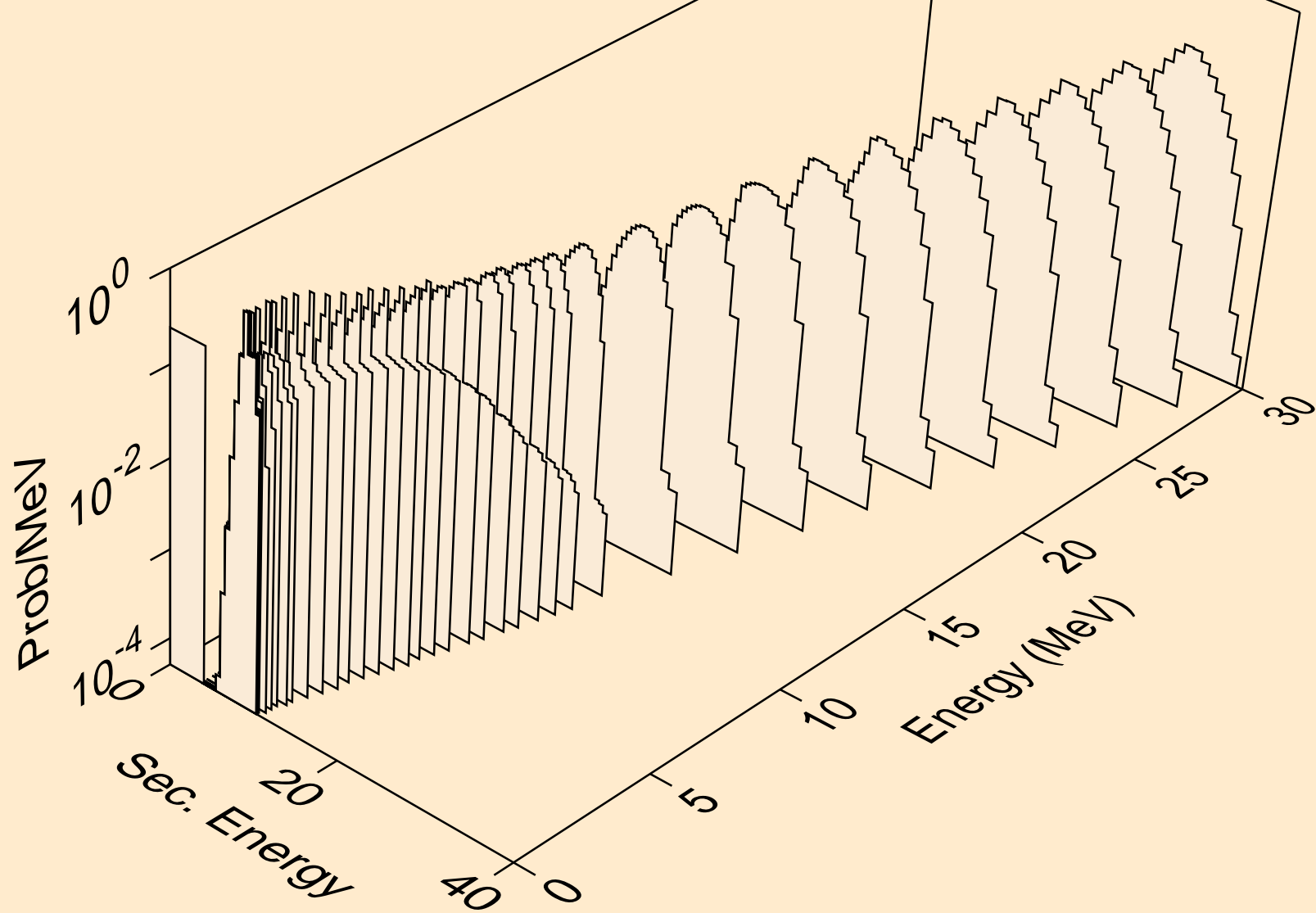
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2n)2a



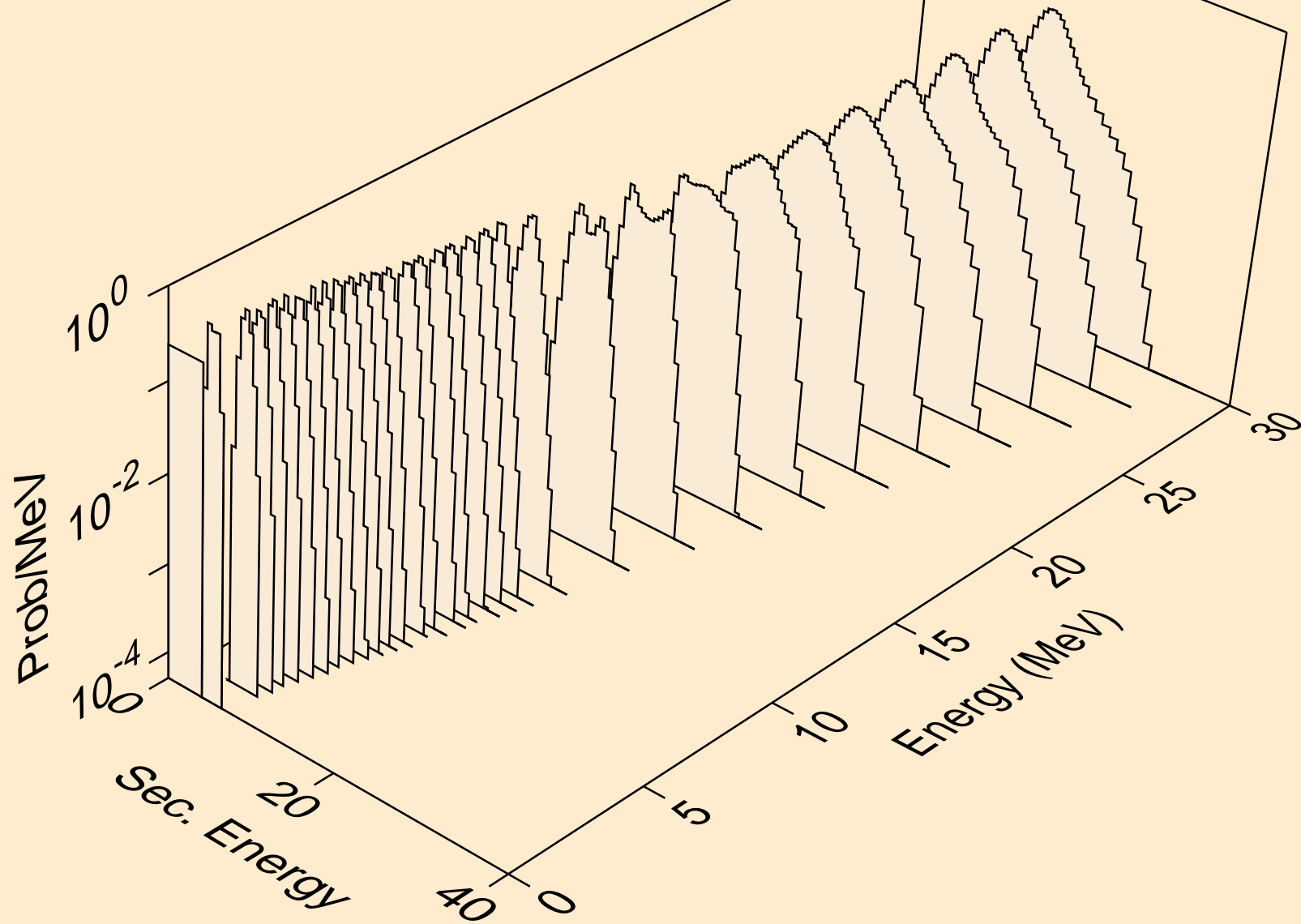
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,npa)



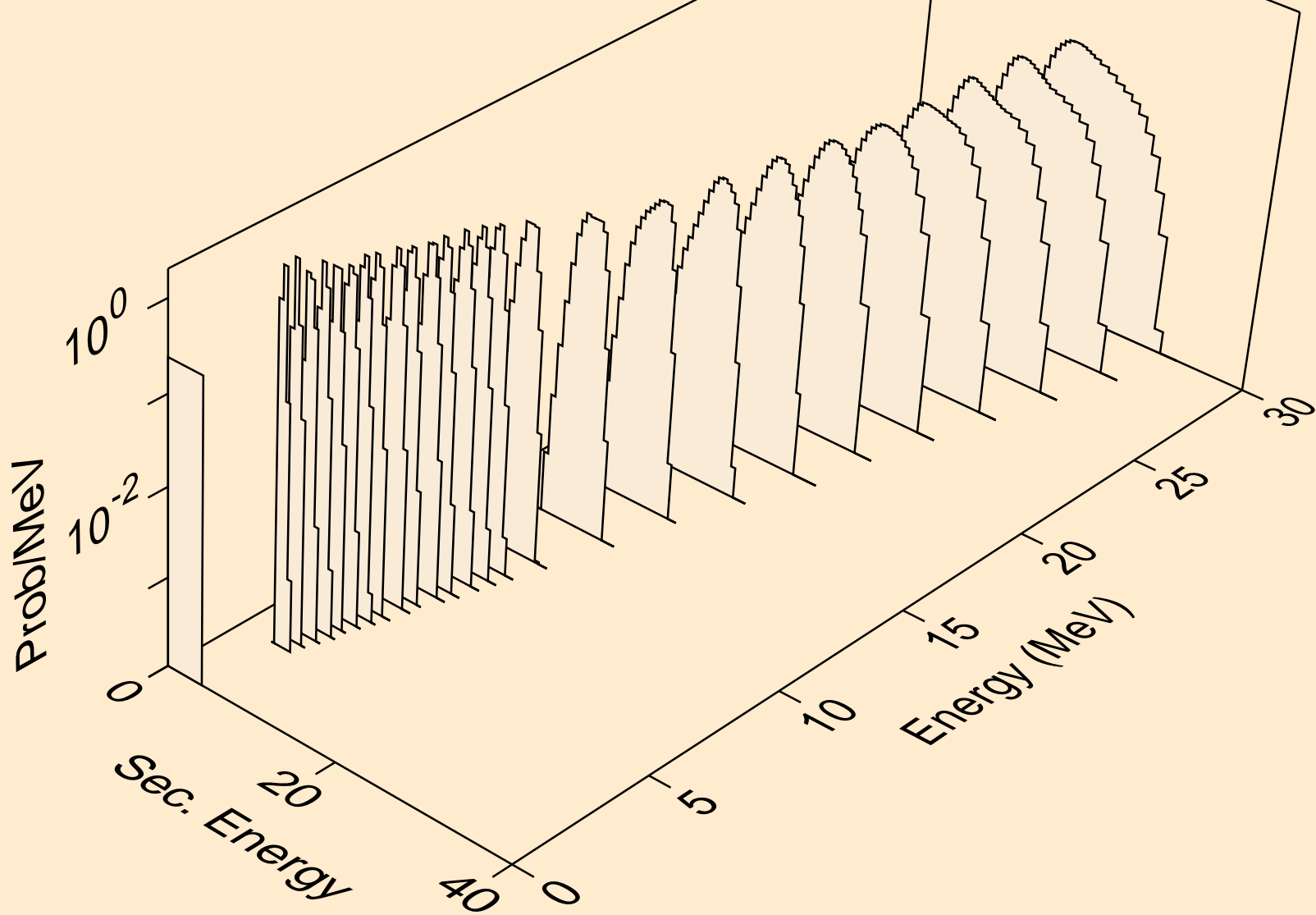
ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,a)



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,2a)



ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,pa)





ND137 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K  
alphas from (n,da)

