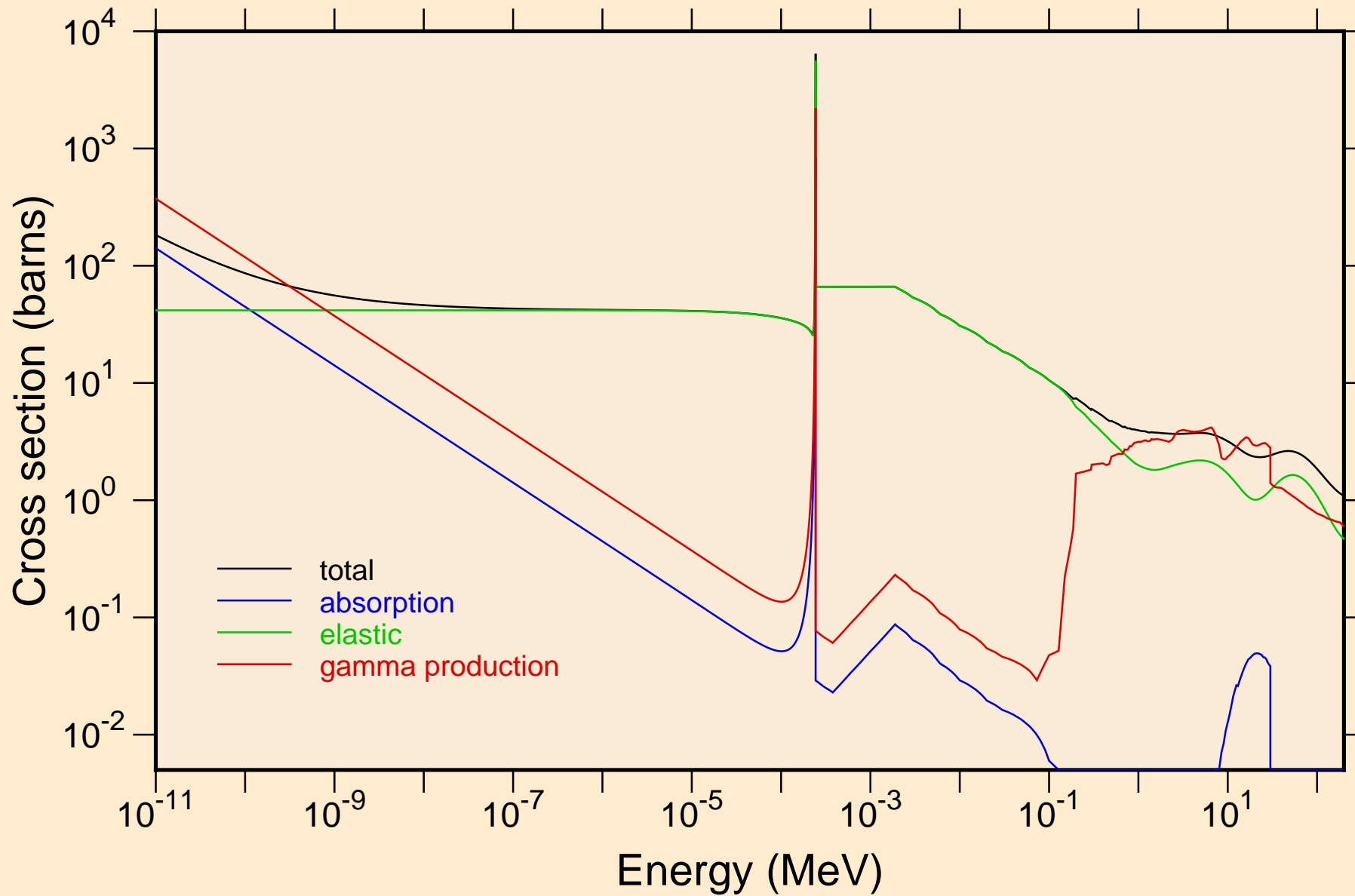
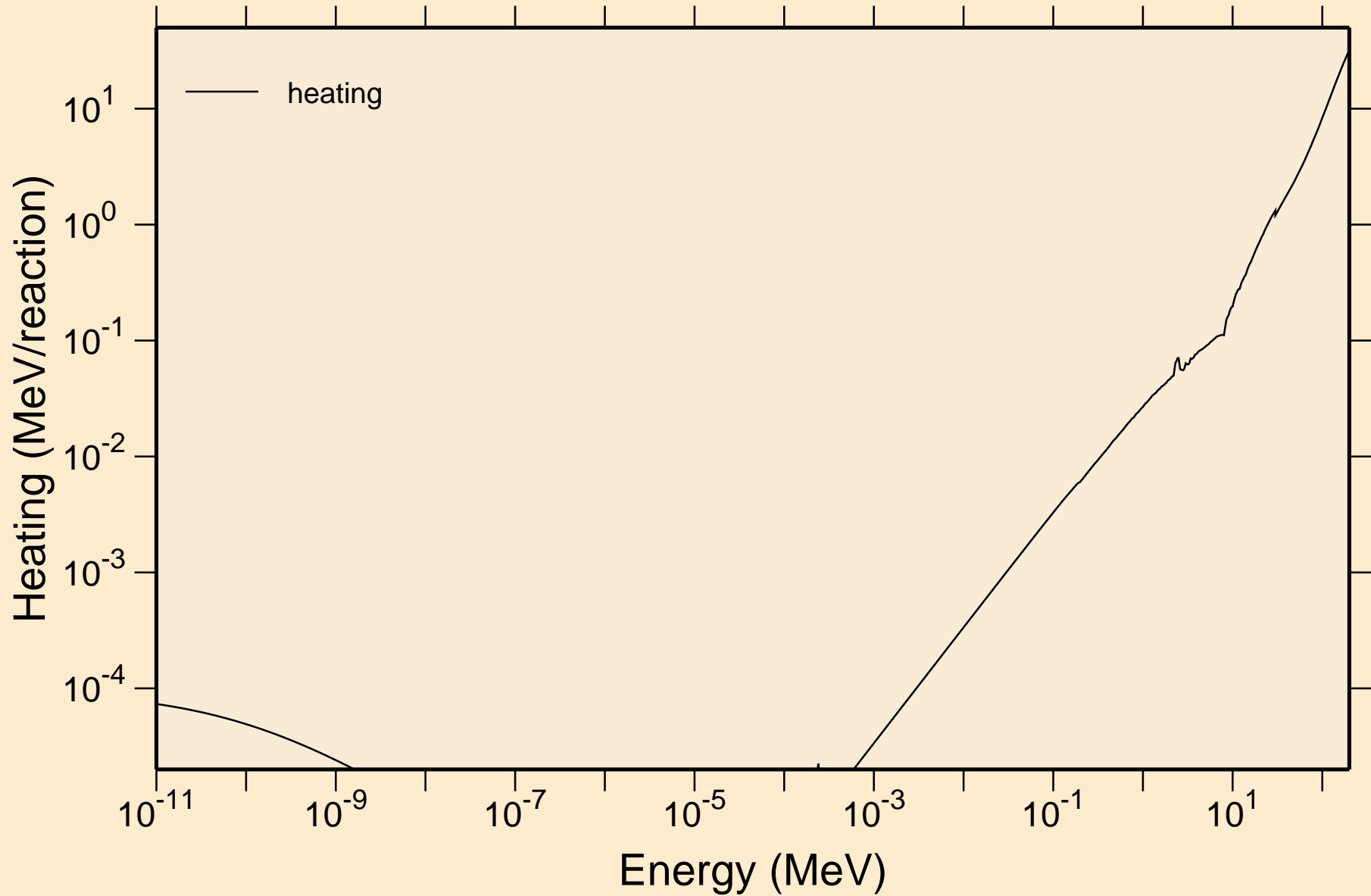


# MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

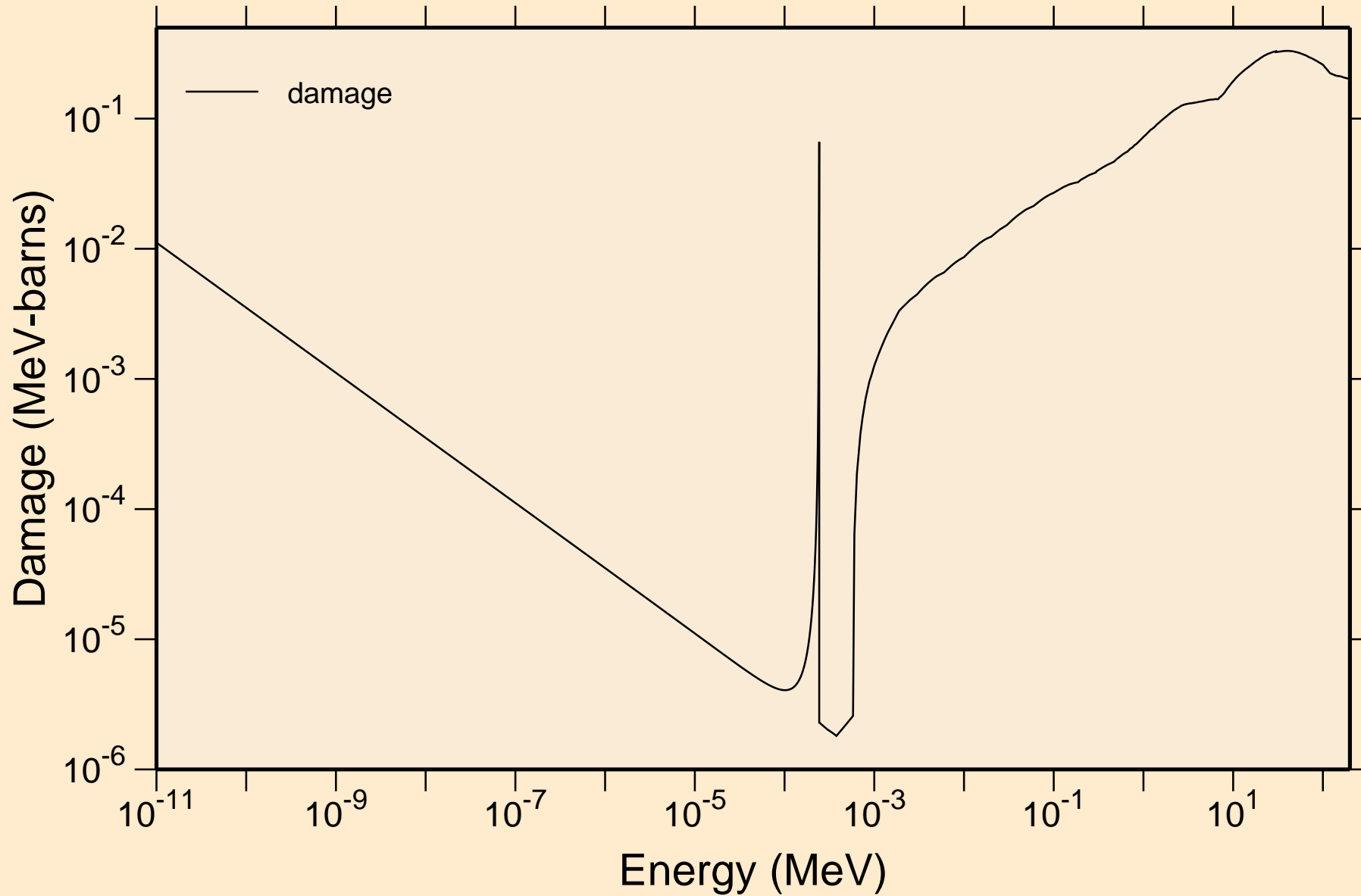


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating

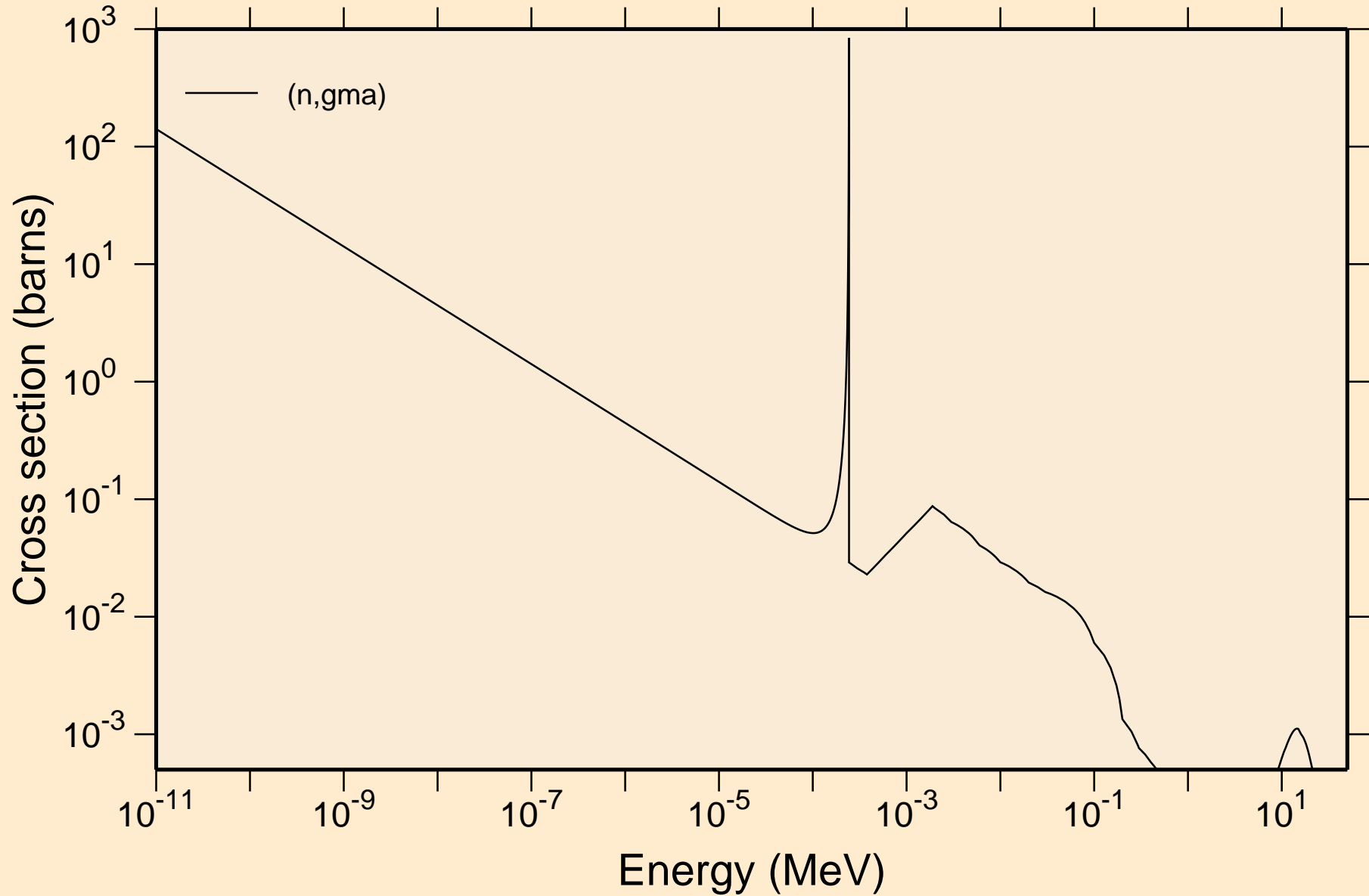


# MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

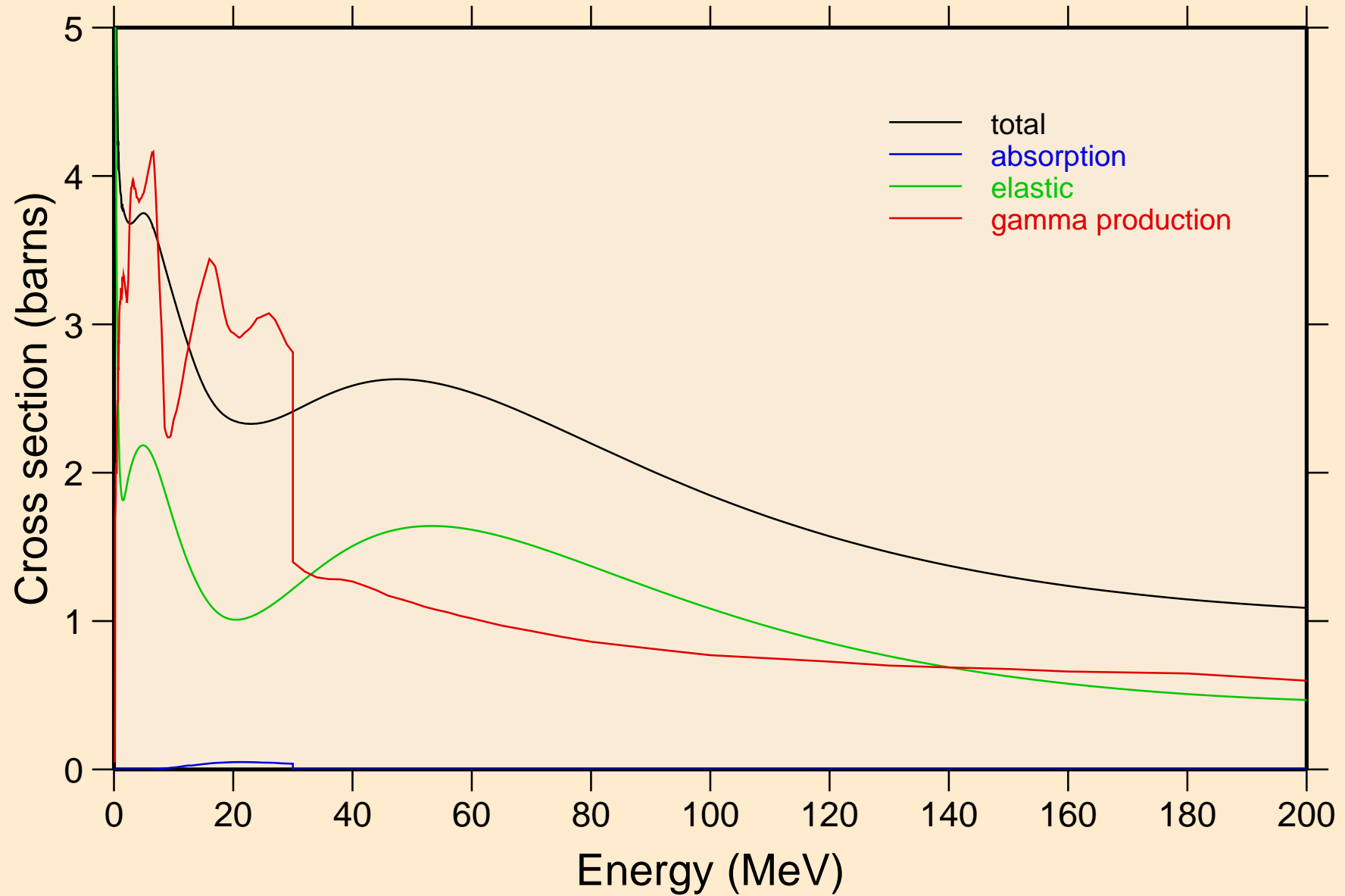


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



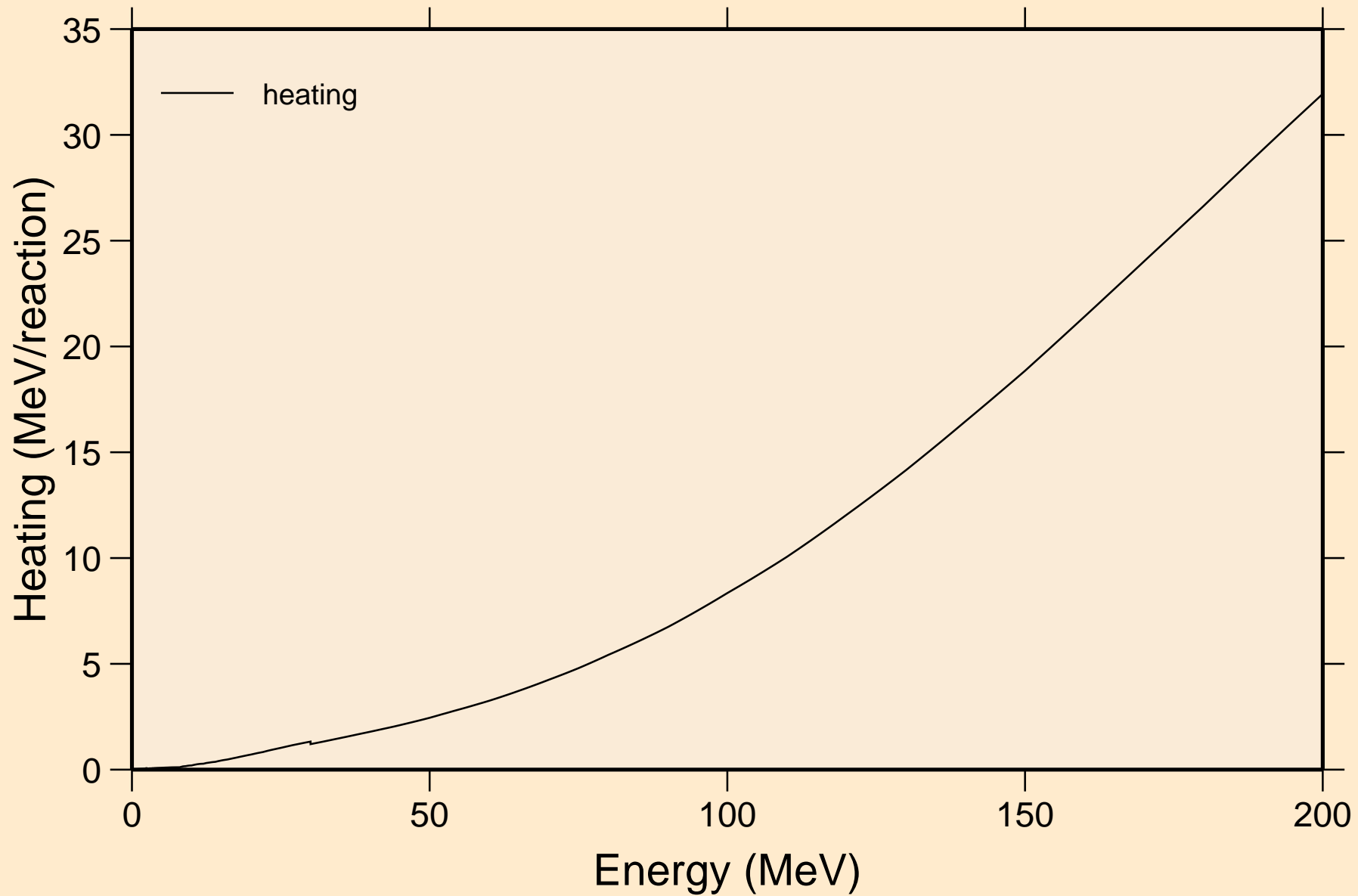
# MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



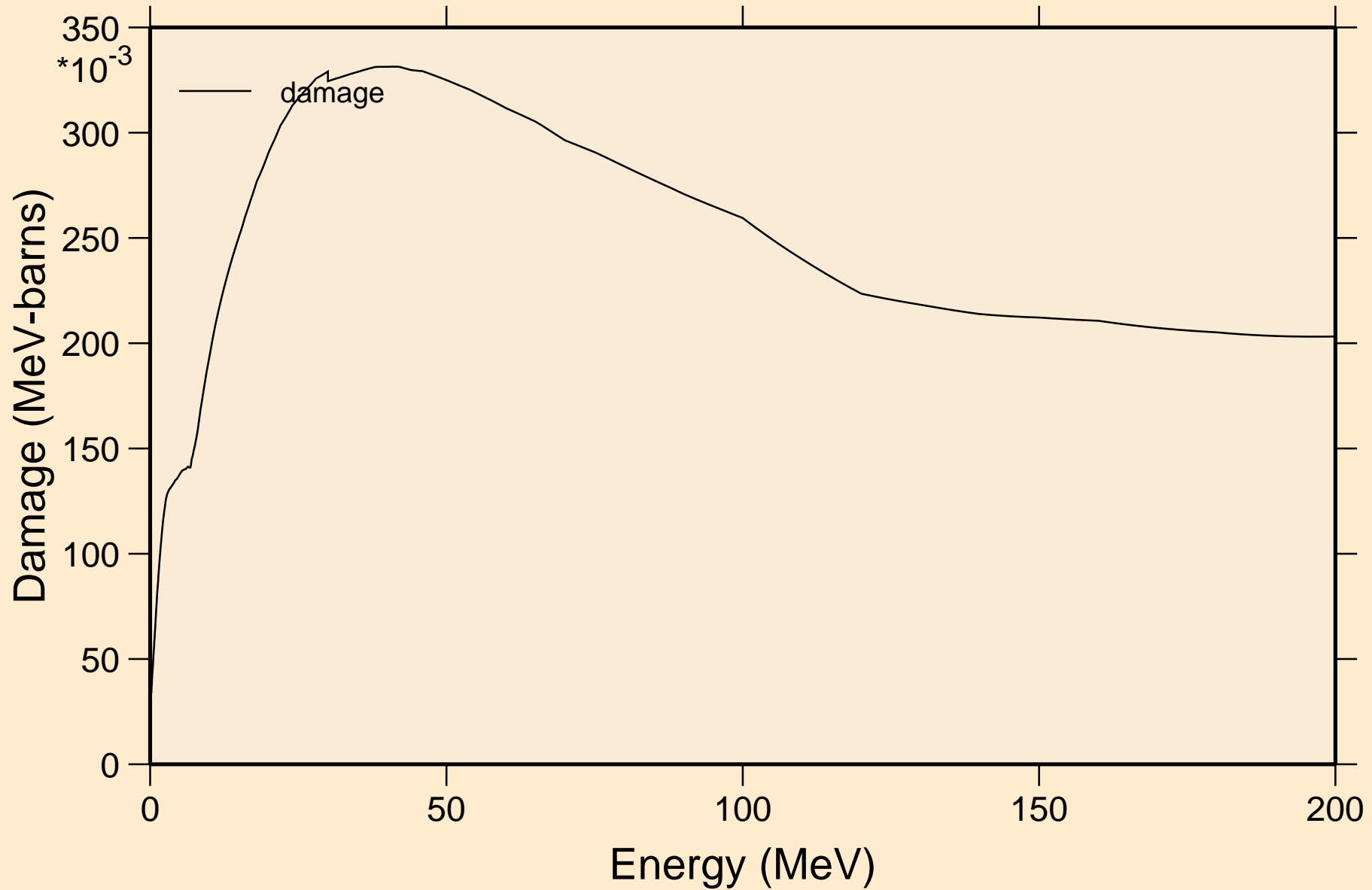
# MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

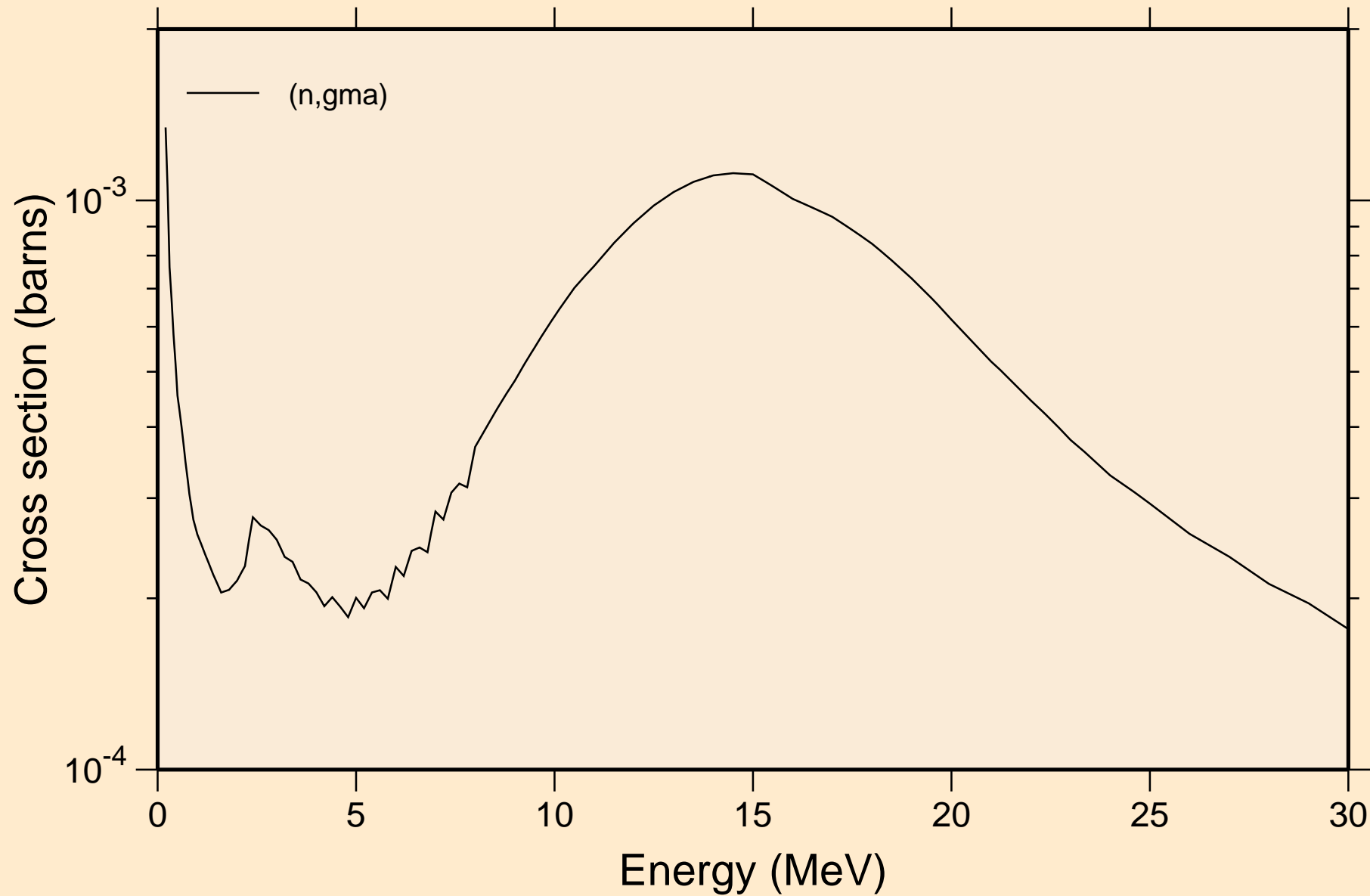


# MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



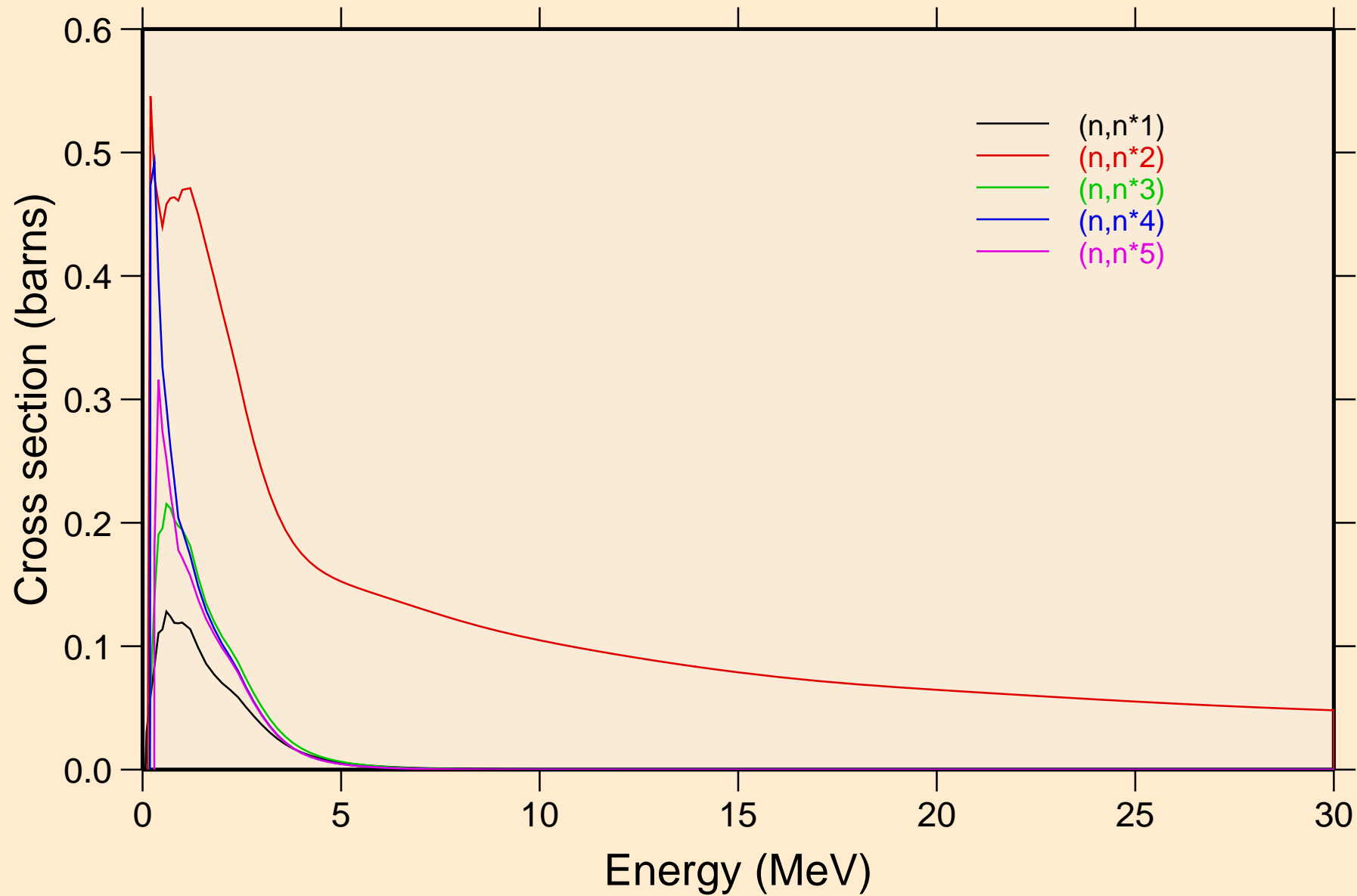
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions





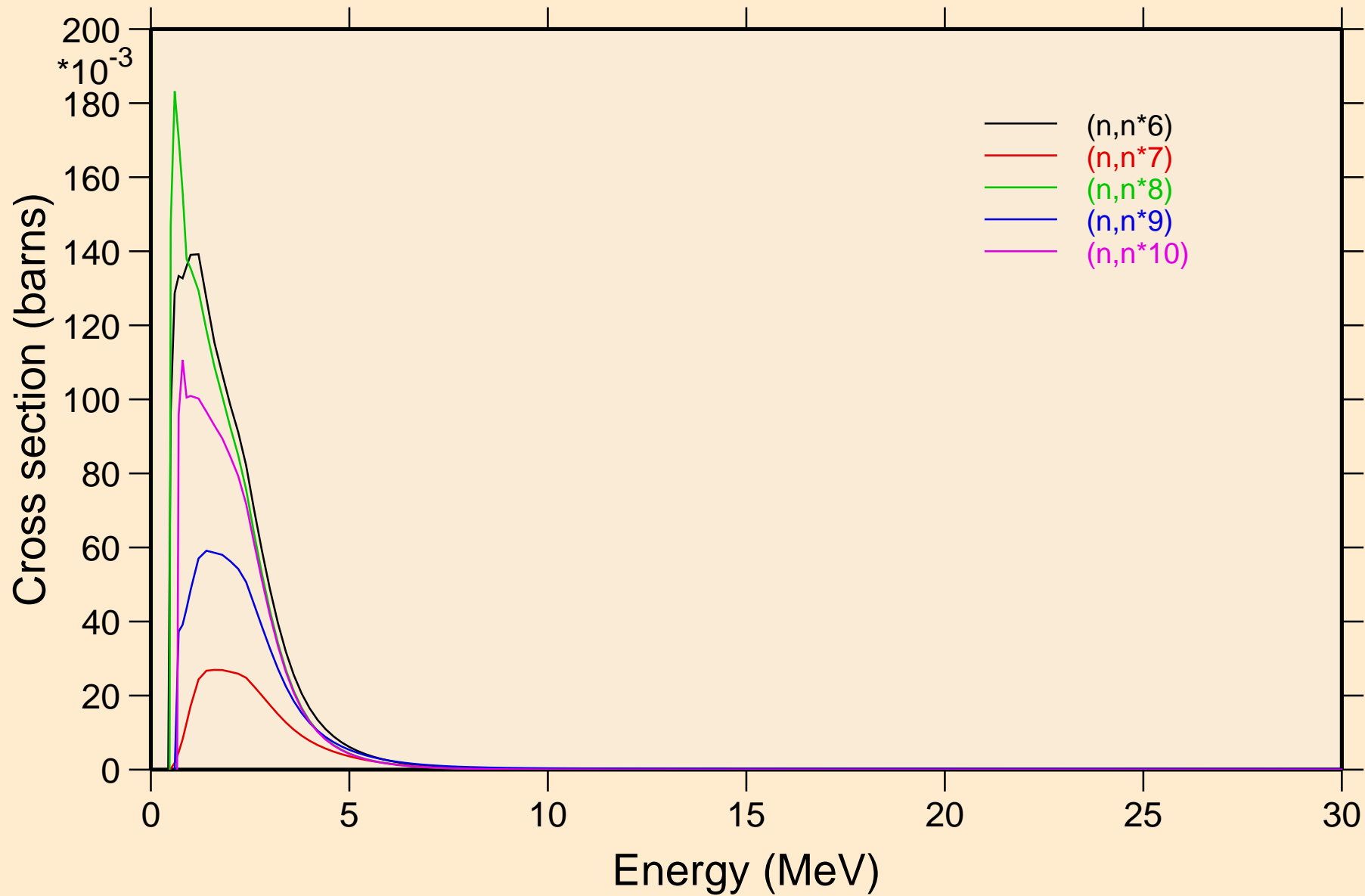
# MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

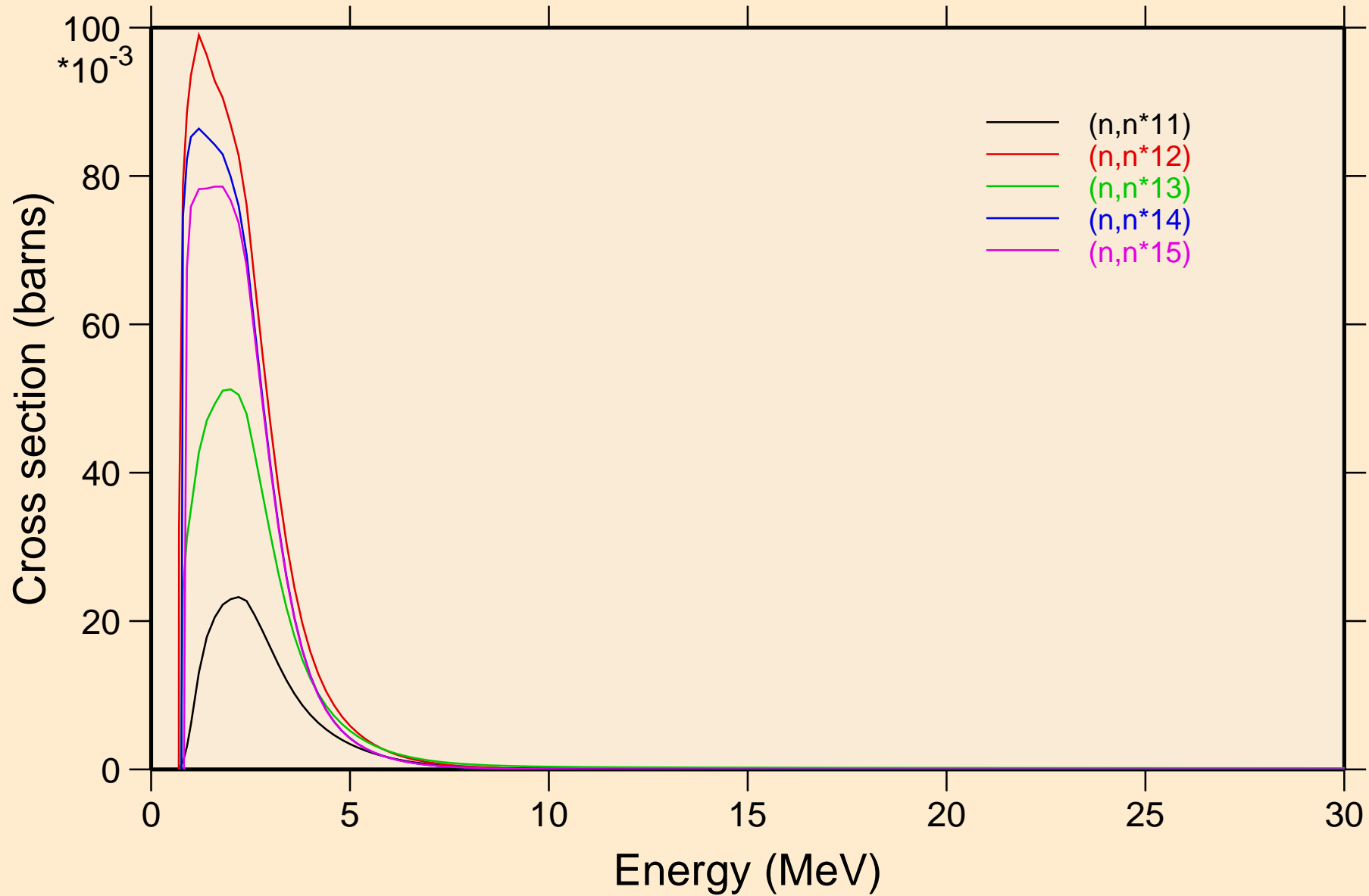


# MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

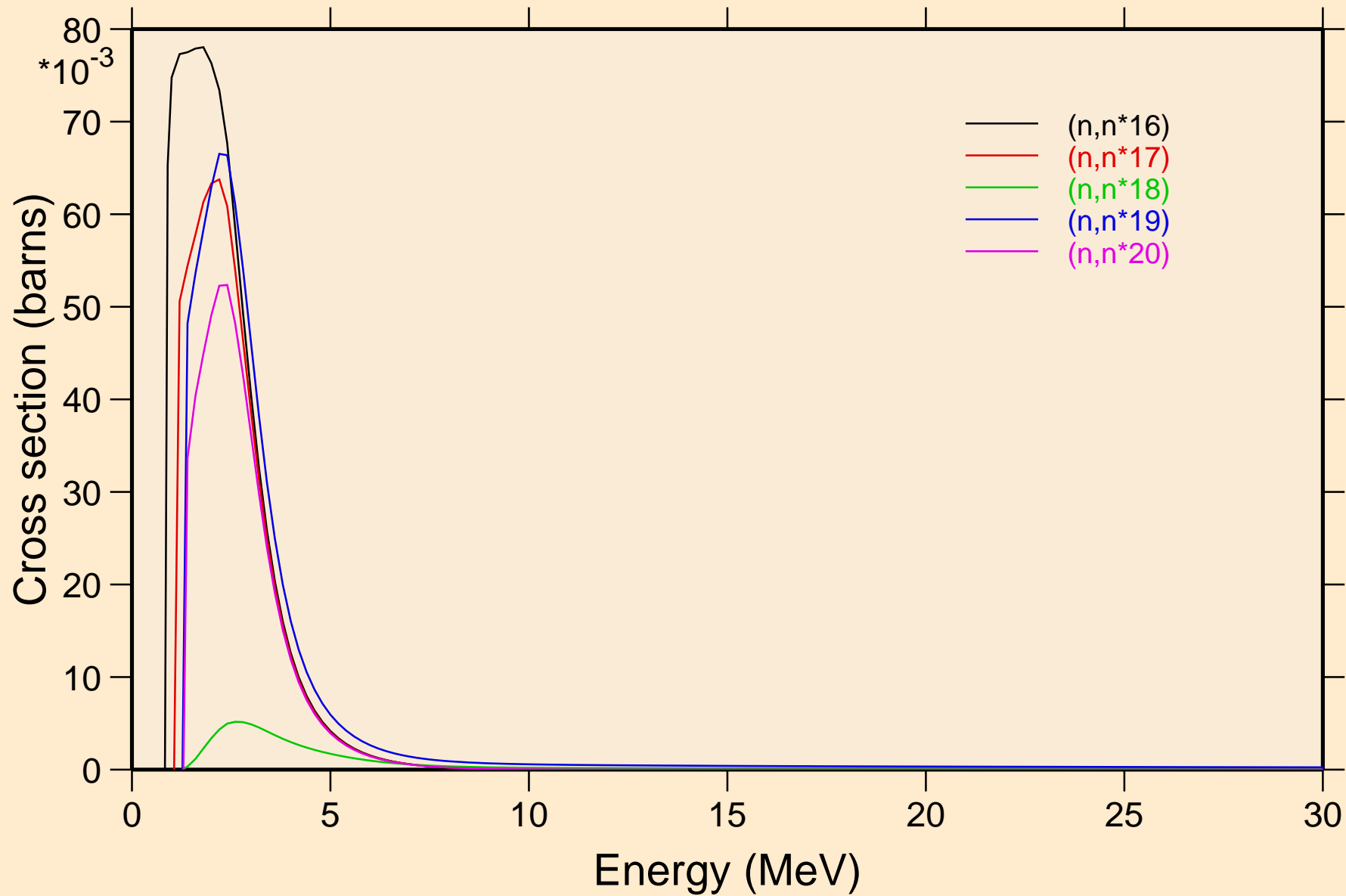
## Inelastic levels



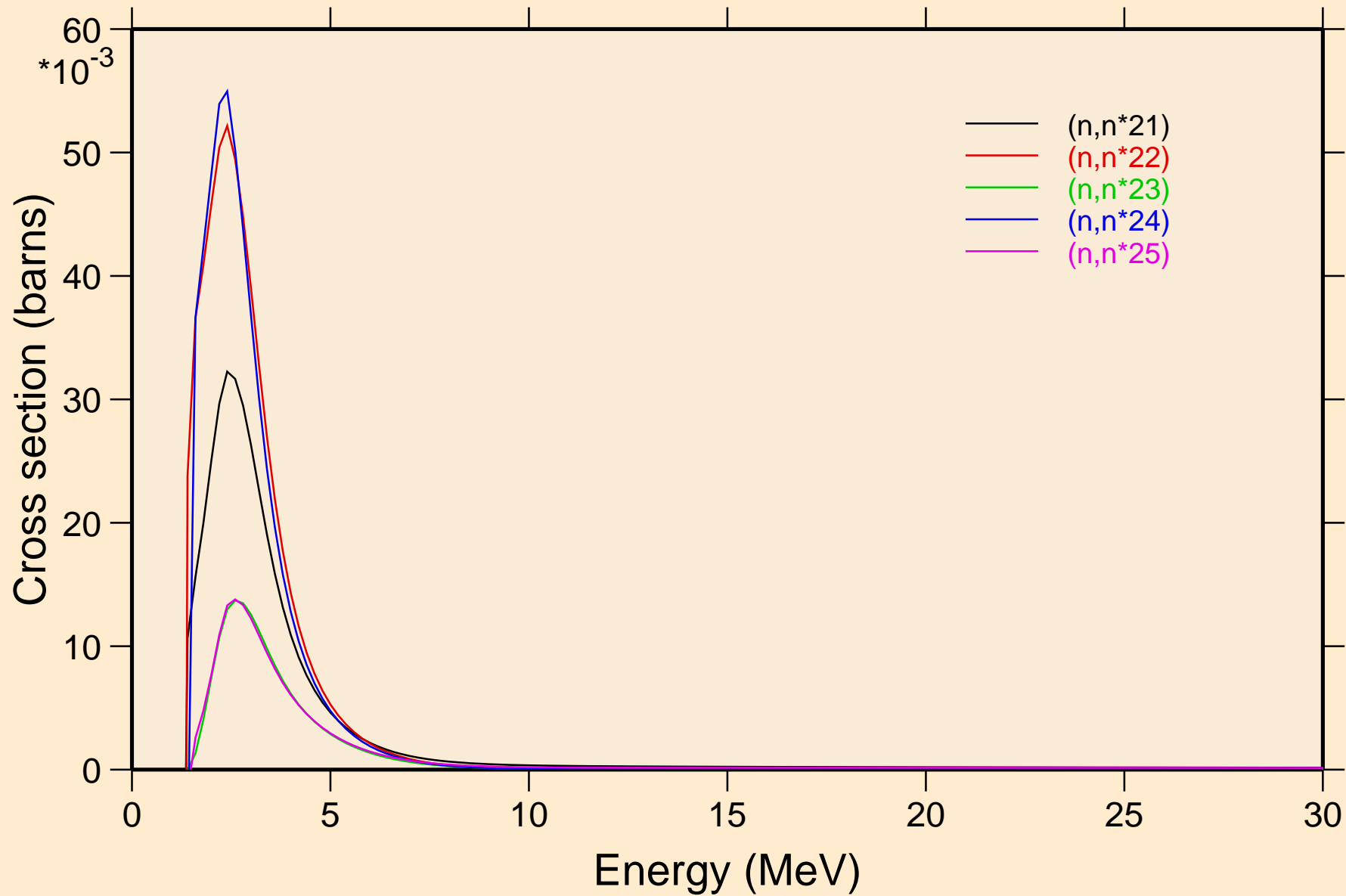
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



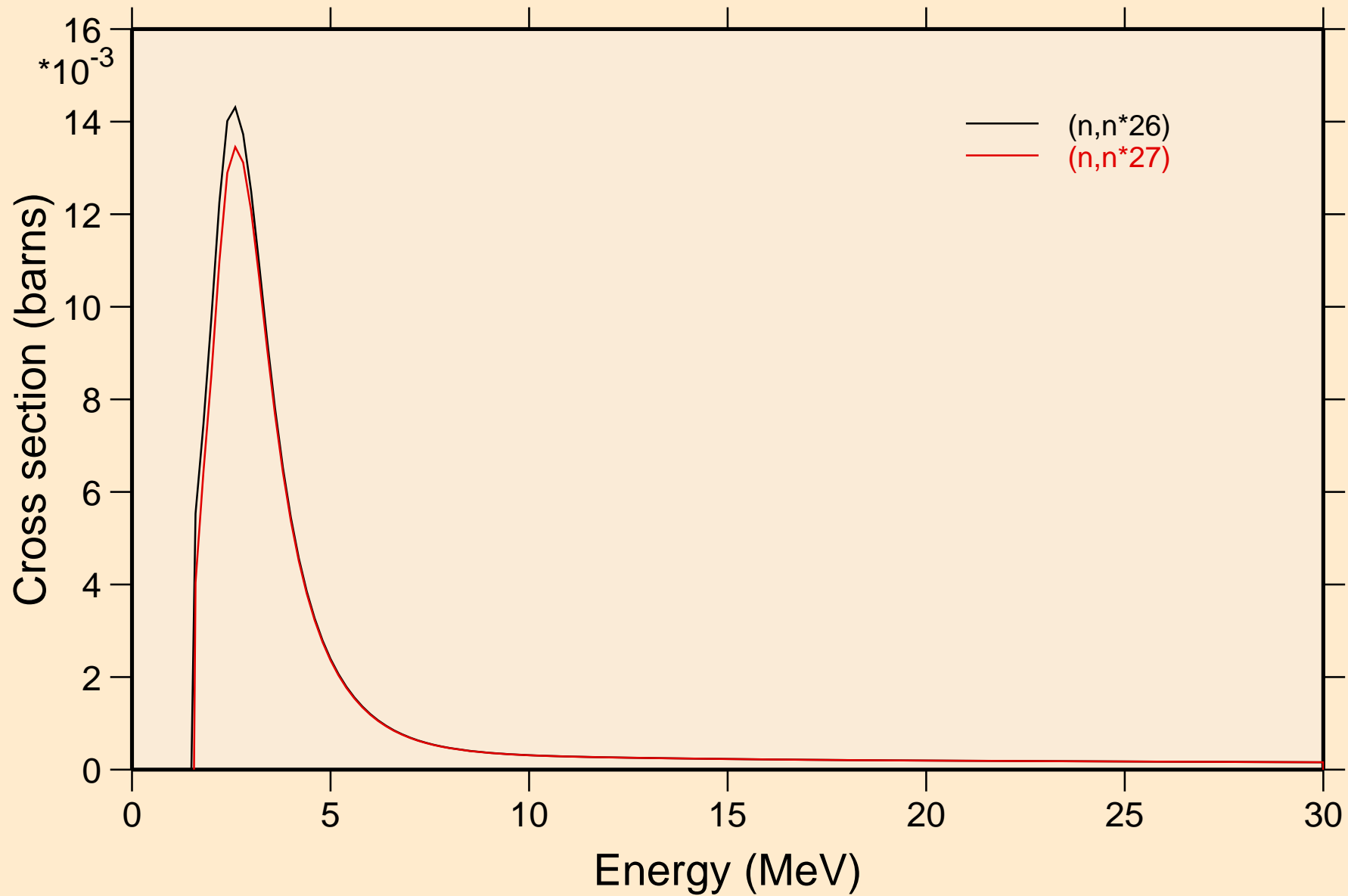
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

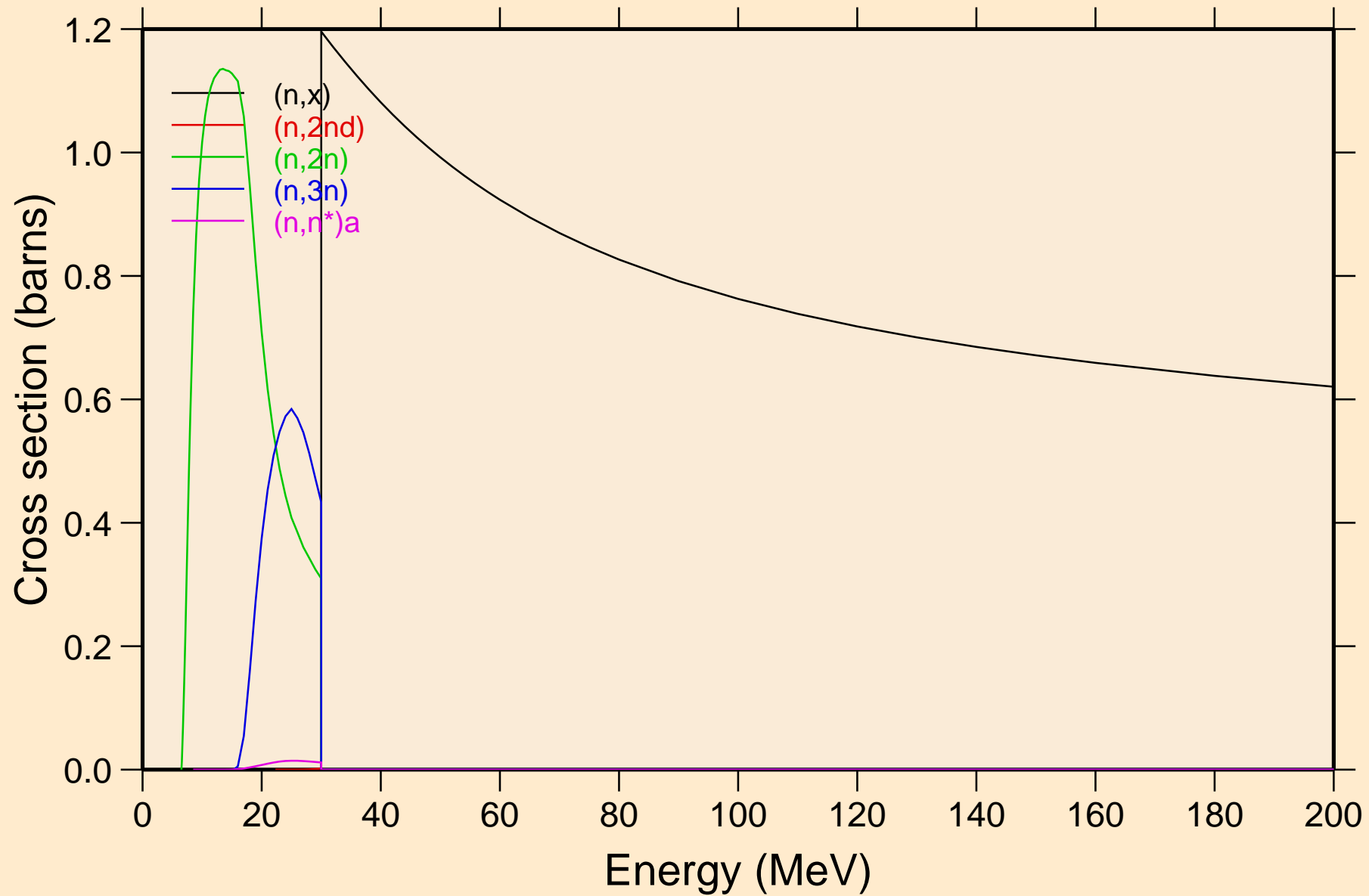


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



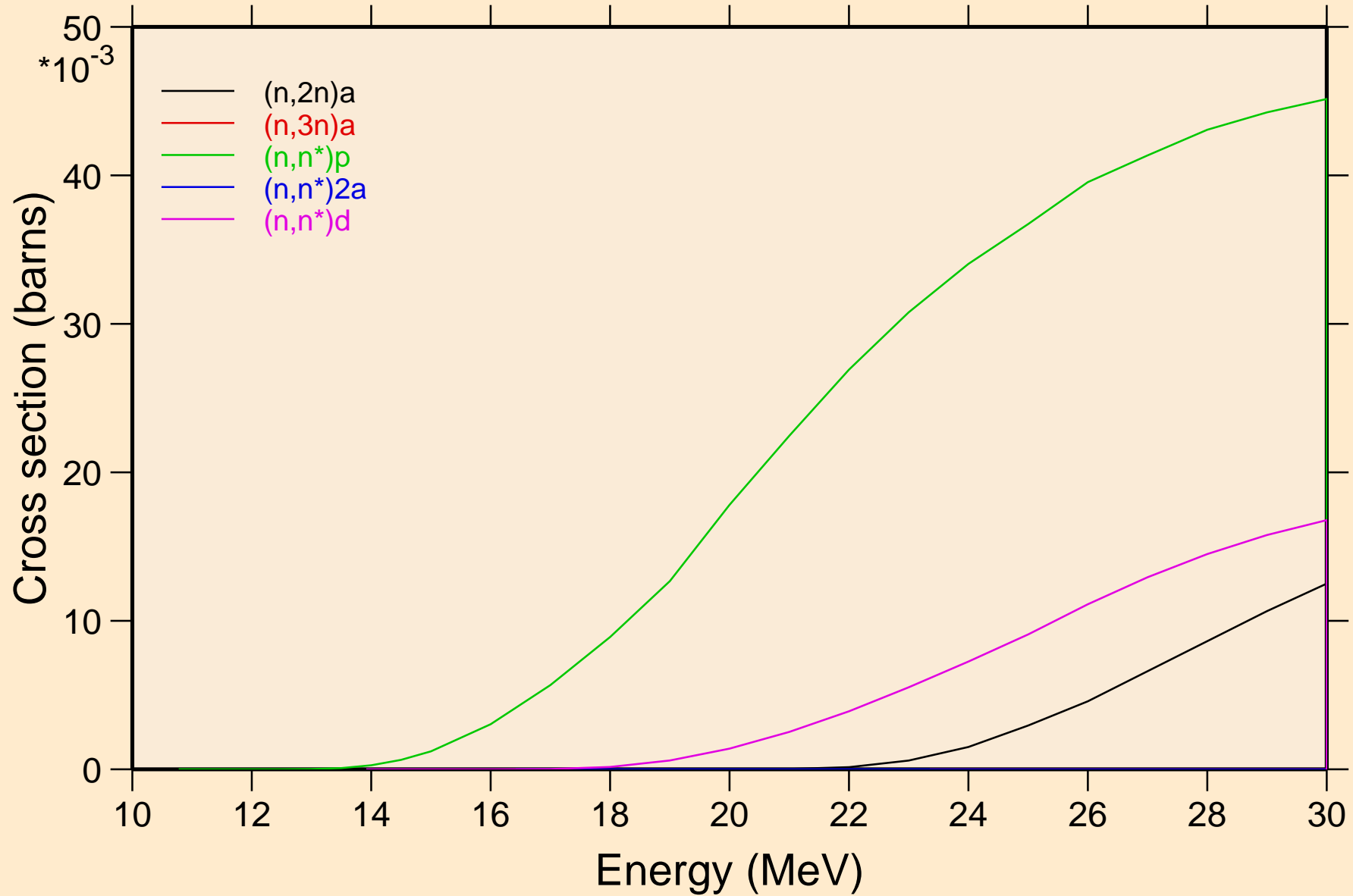
# MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

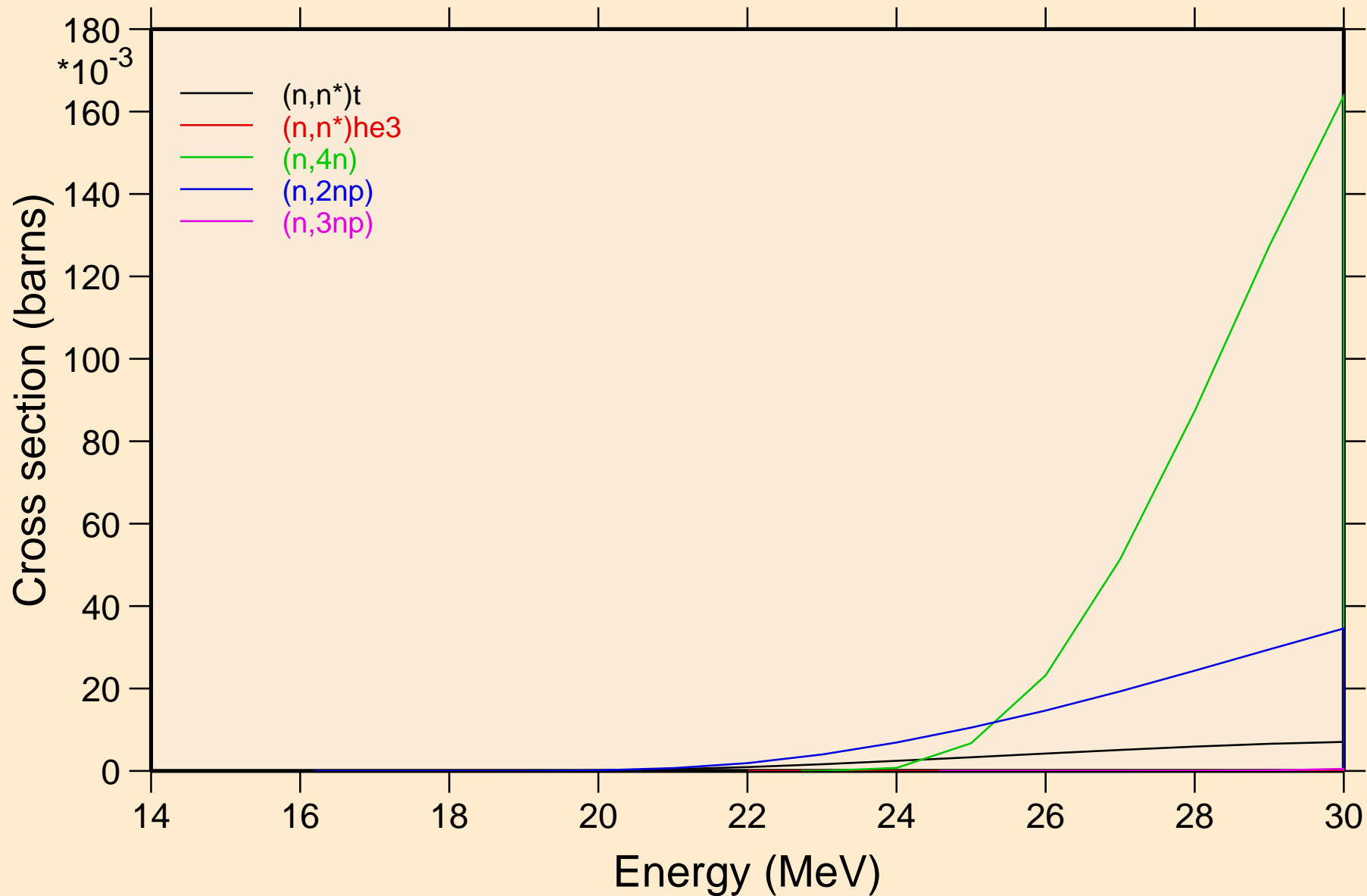
## Threshold reactions



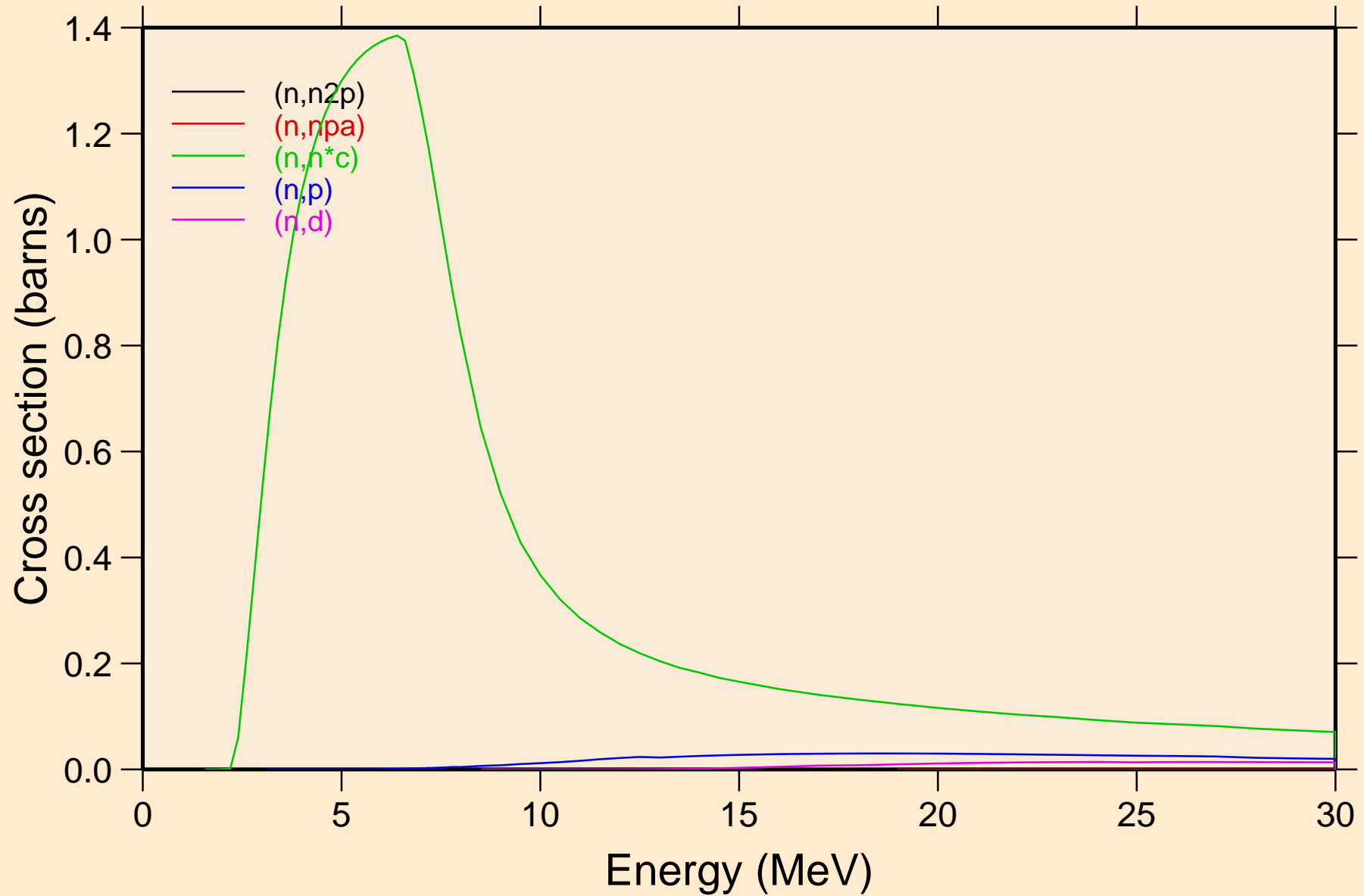


# MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

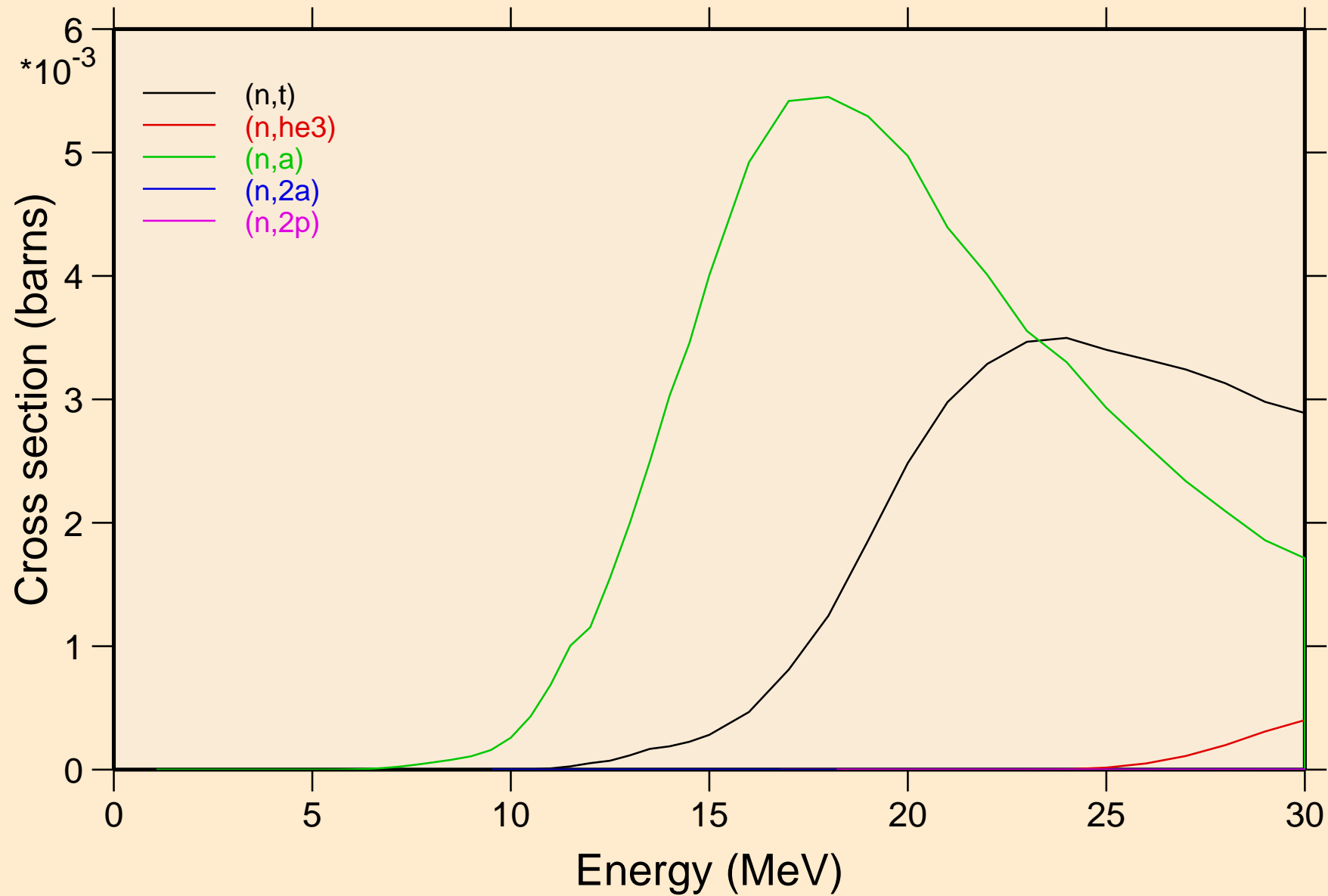
## Threshold reactions



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

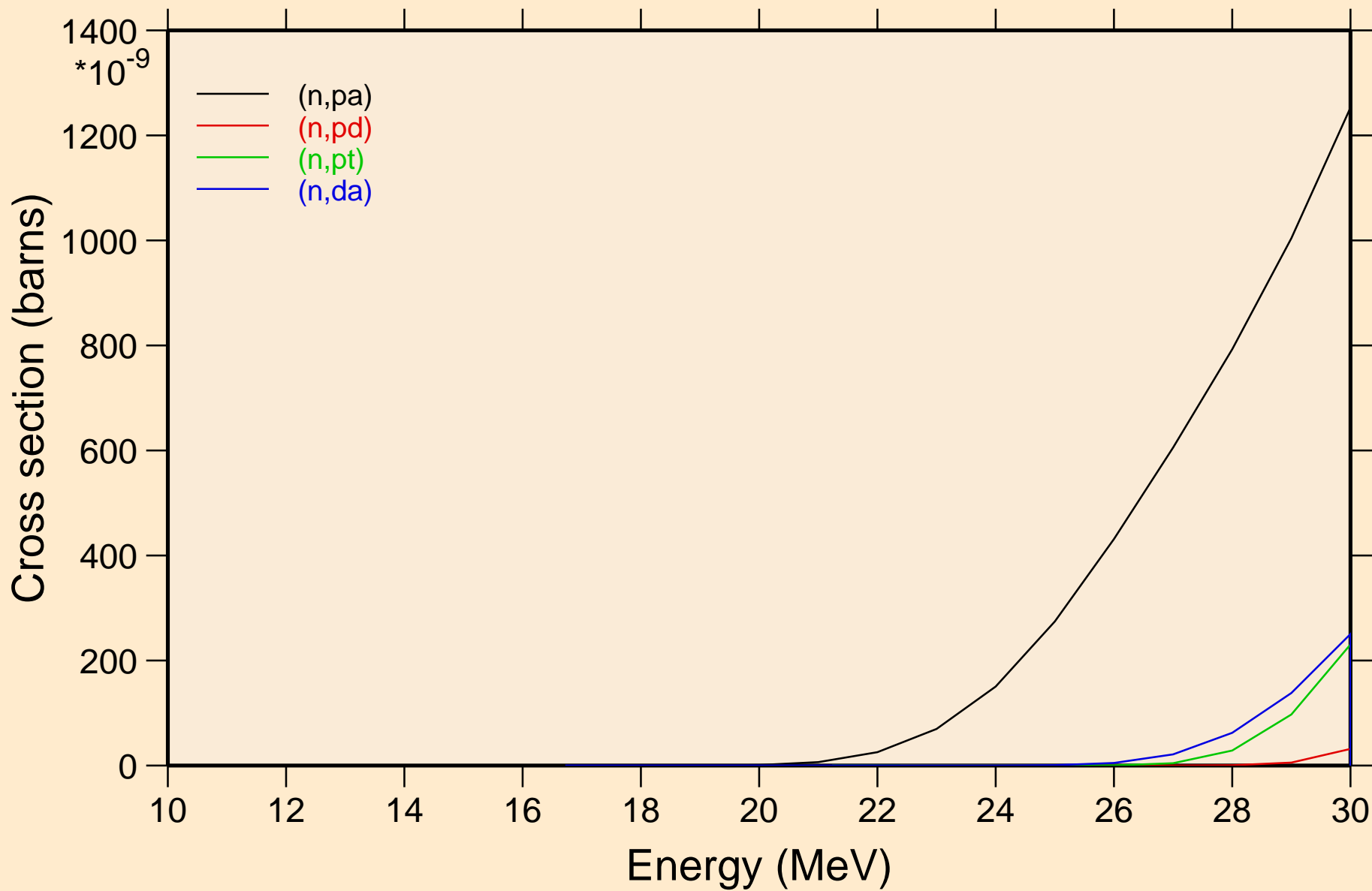


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



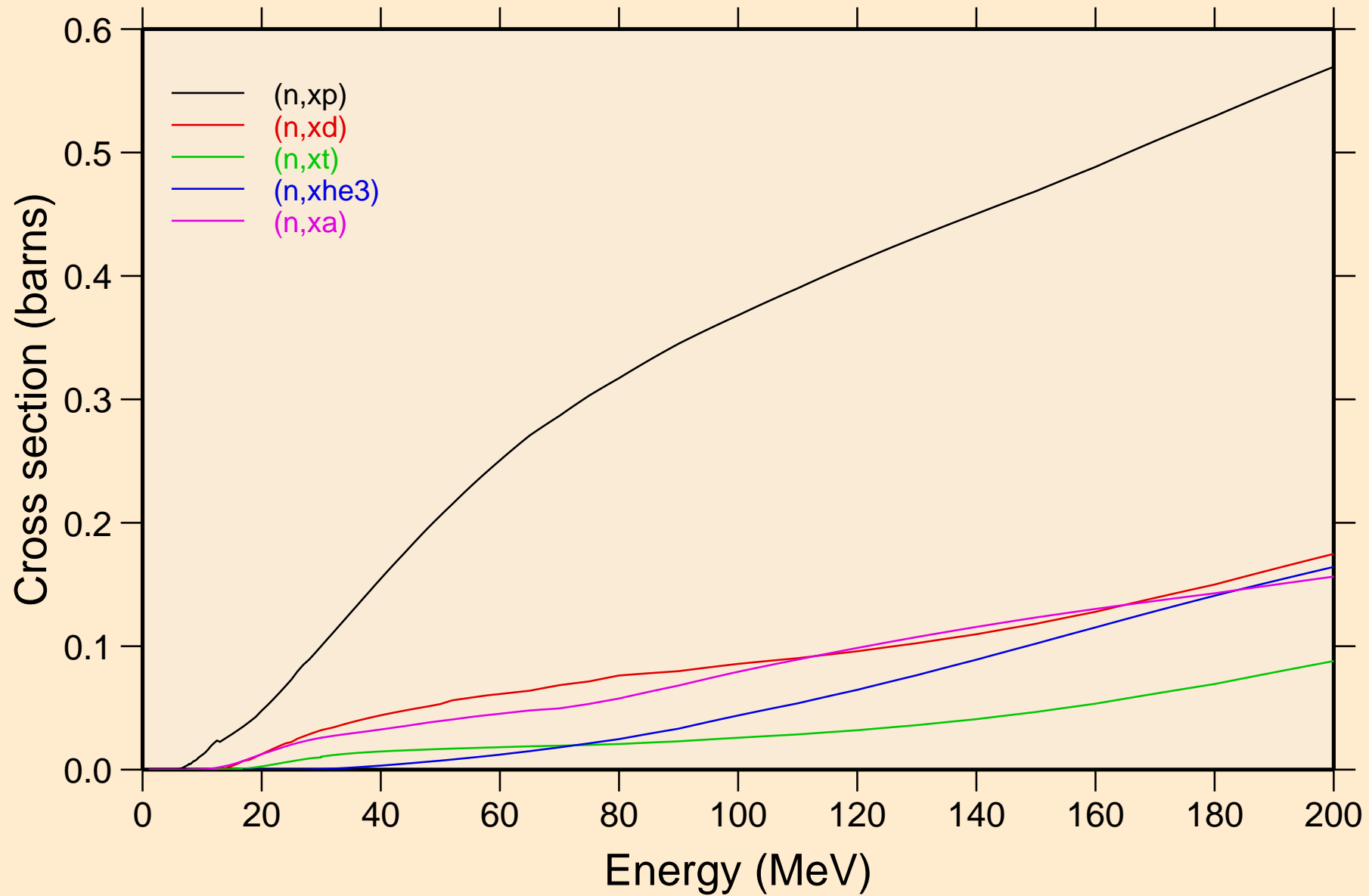
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## Threshold reactions

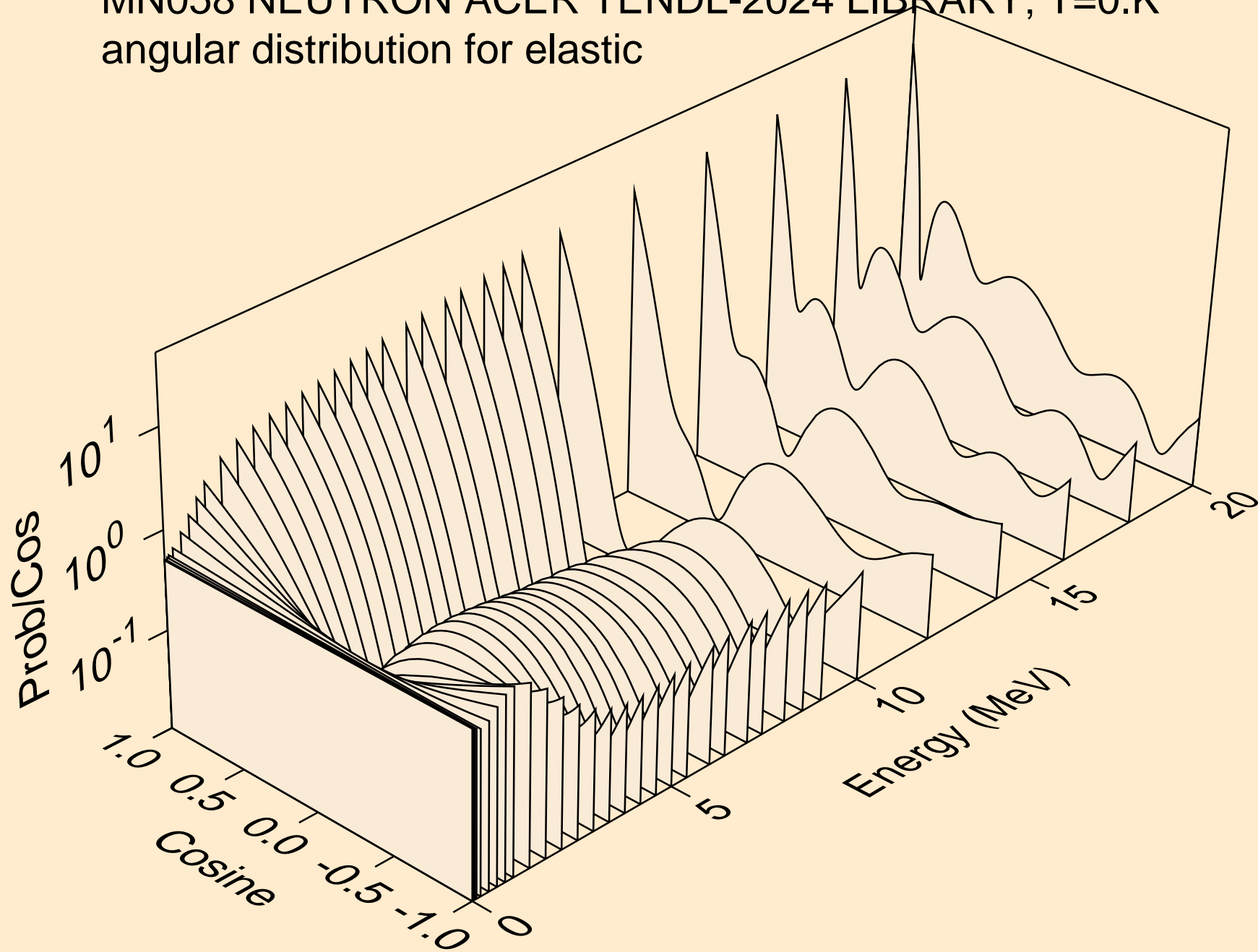


# MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

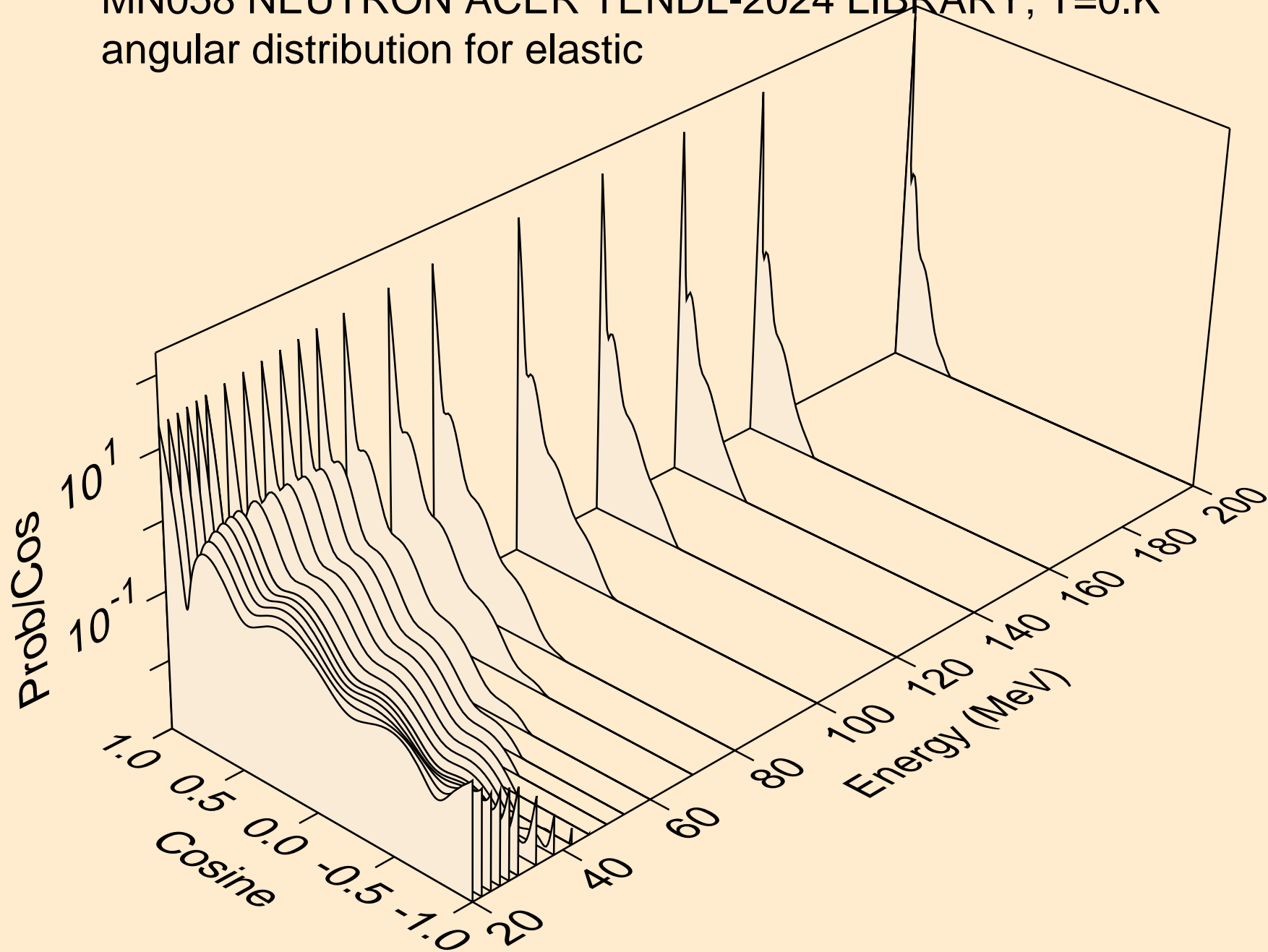
## Threshold reactions



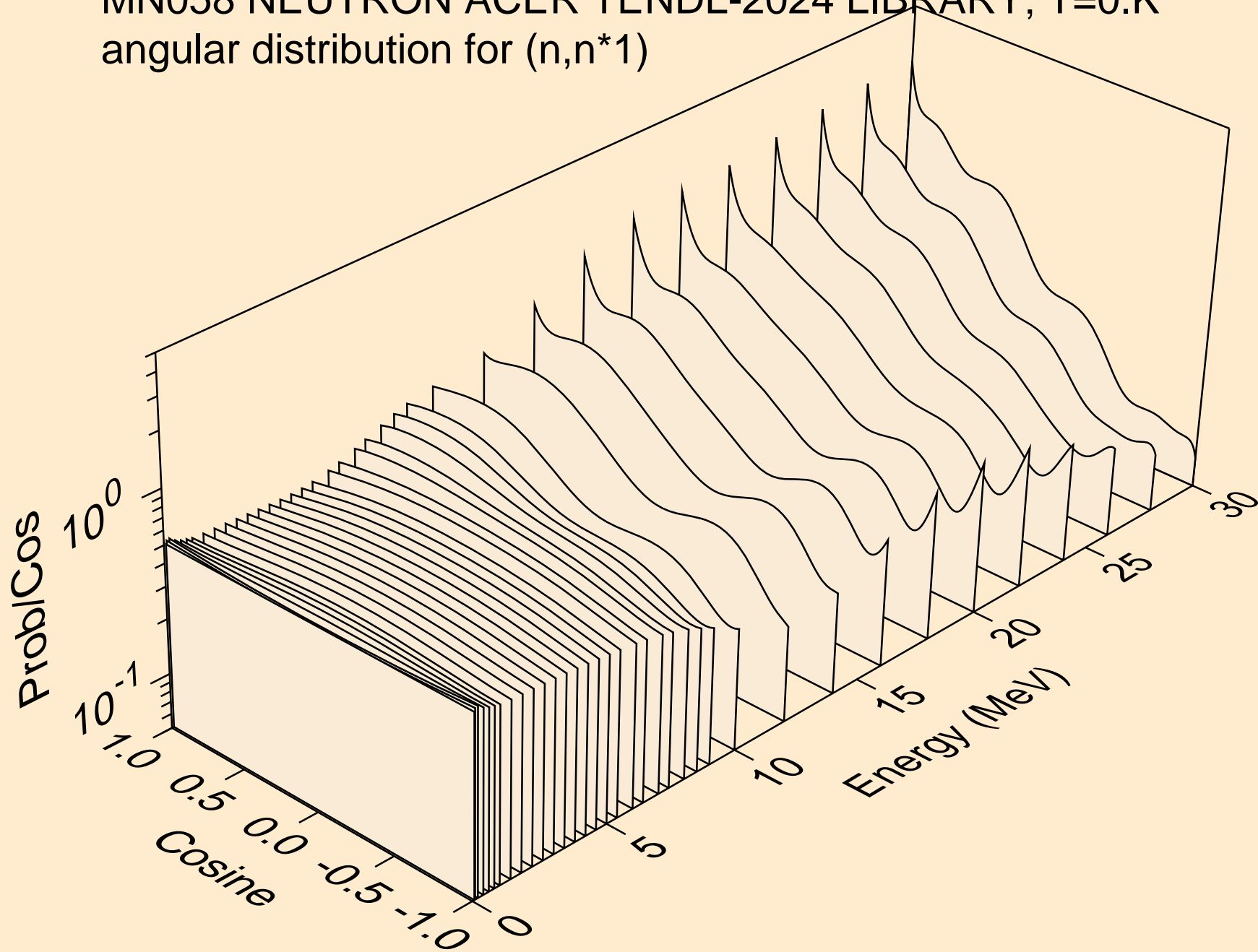
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

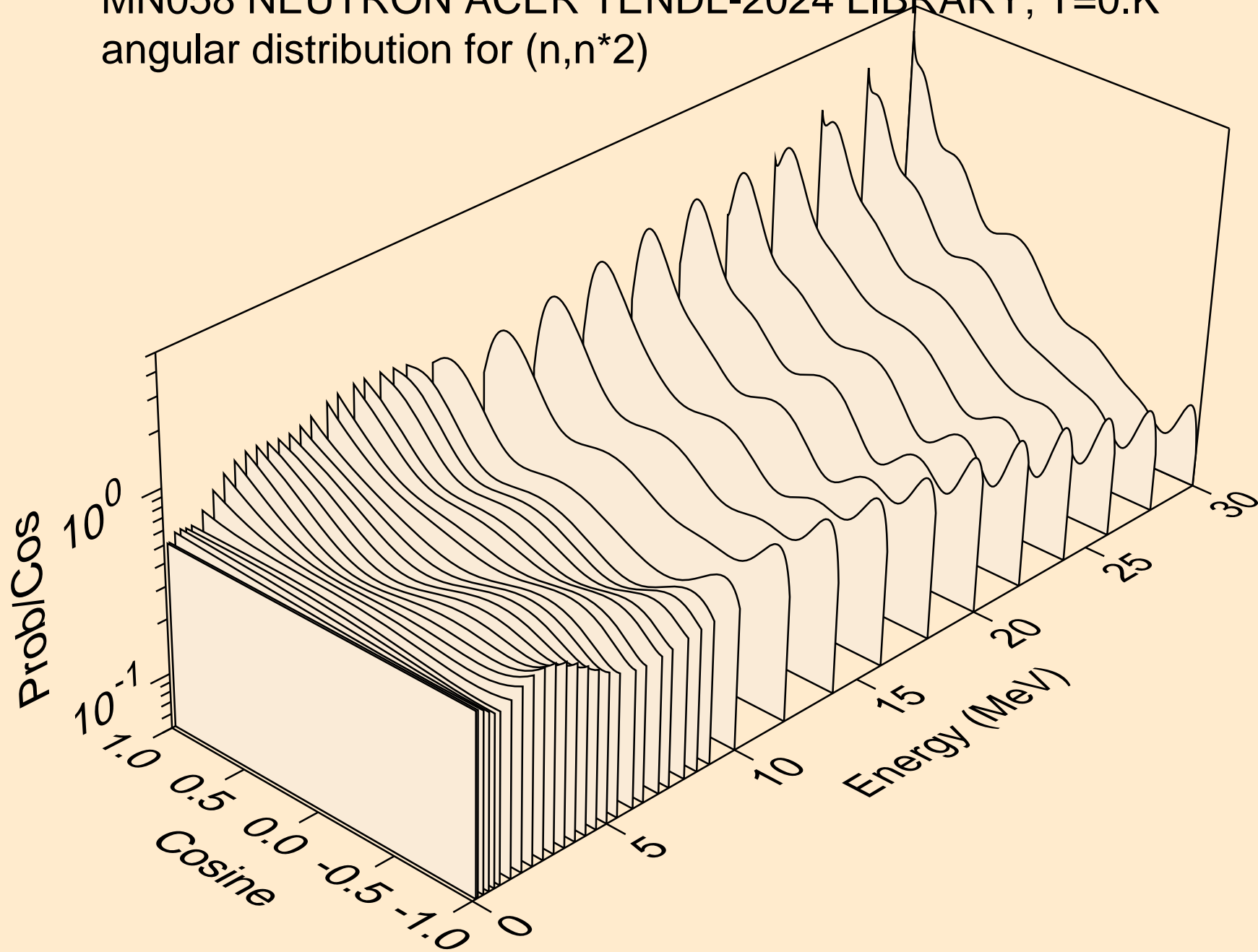


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)

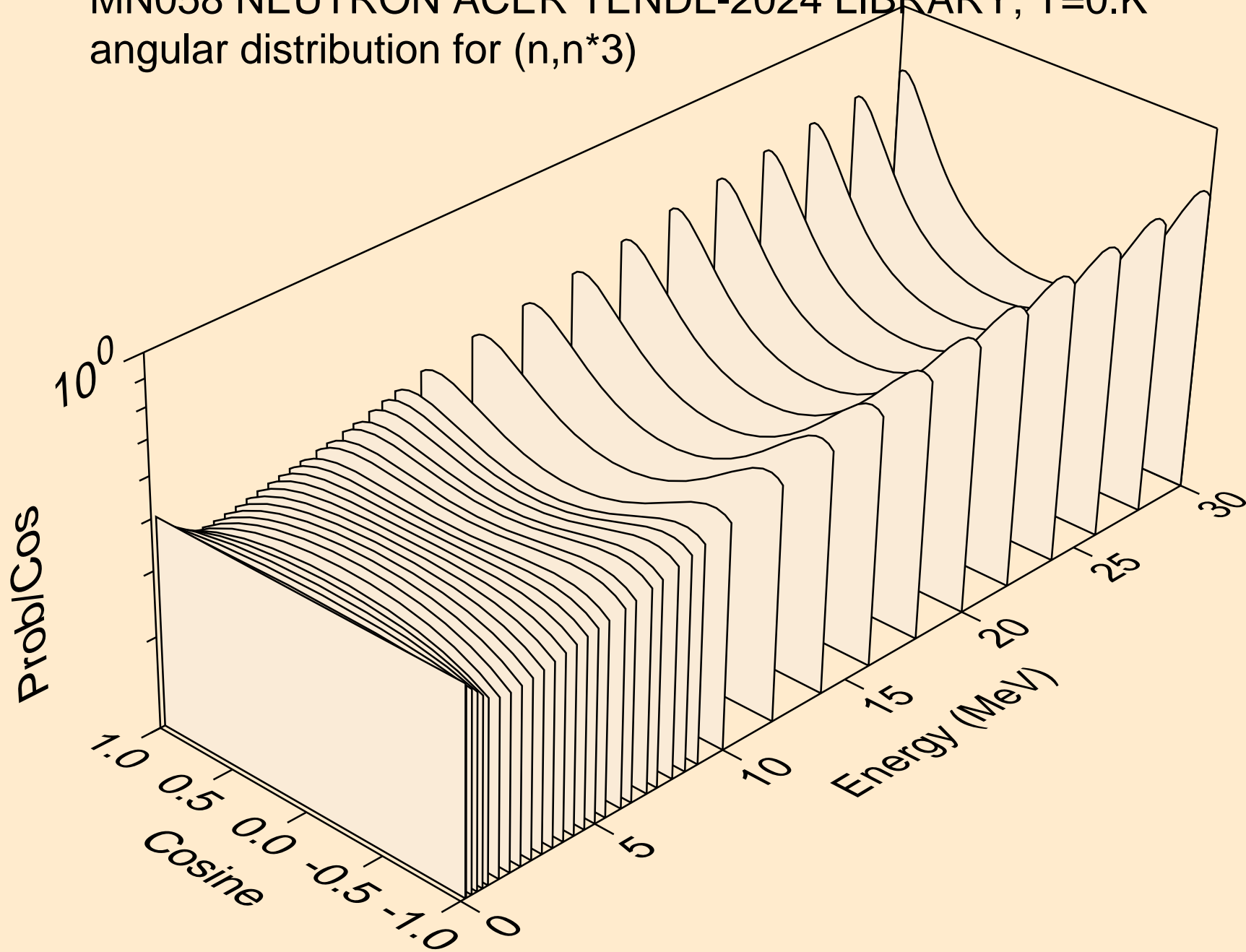




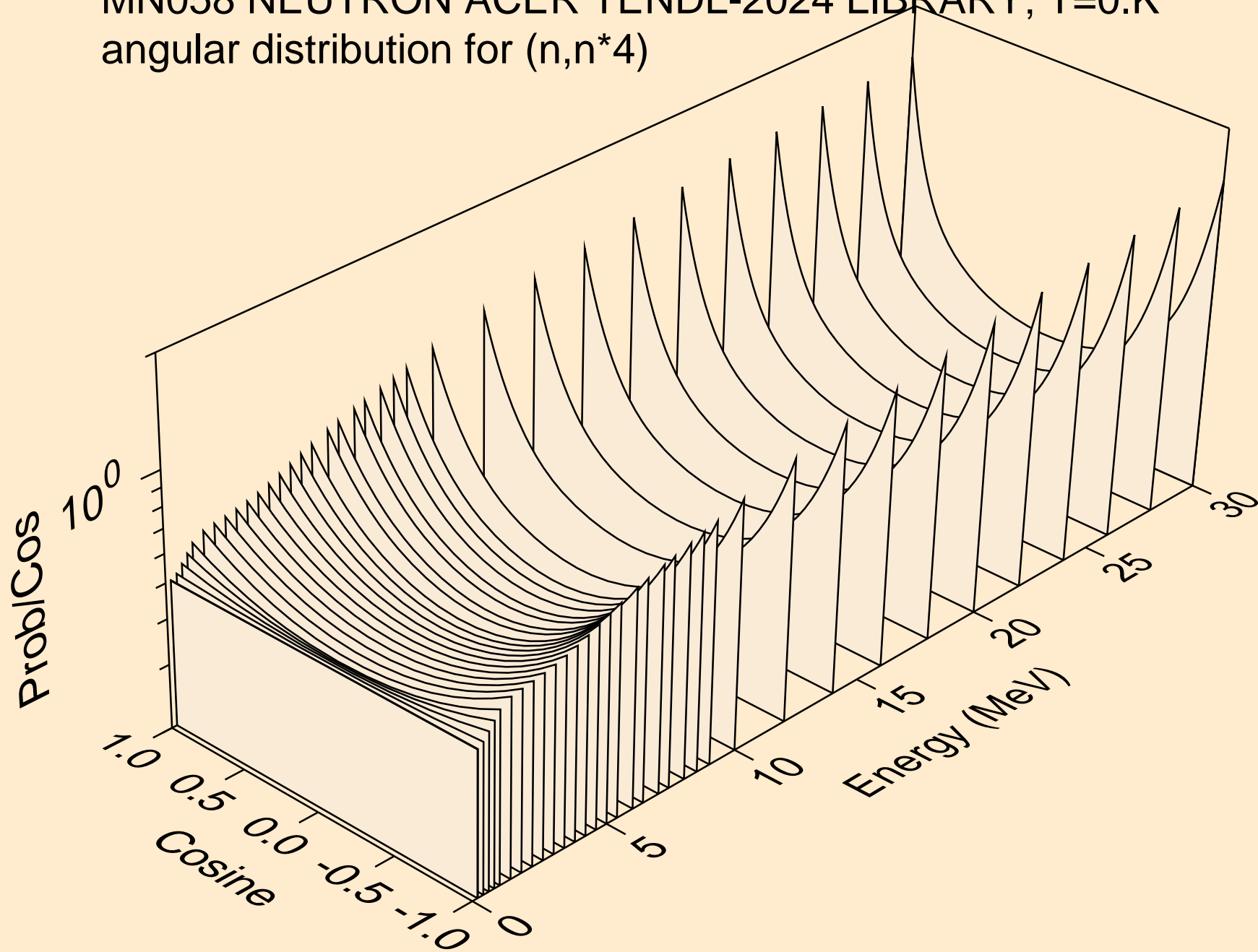
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



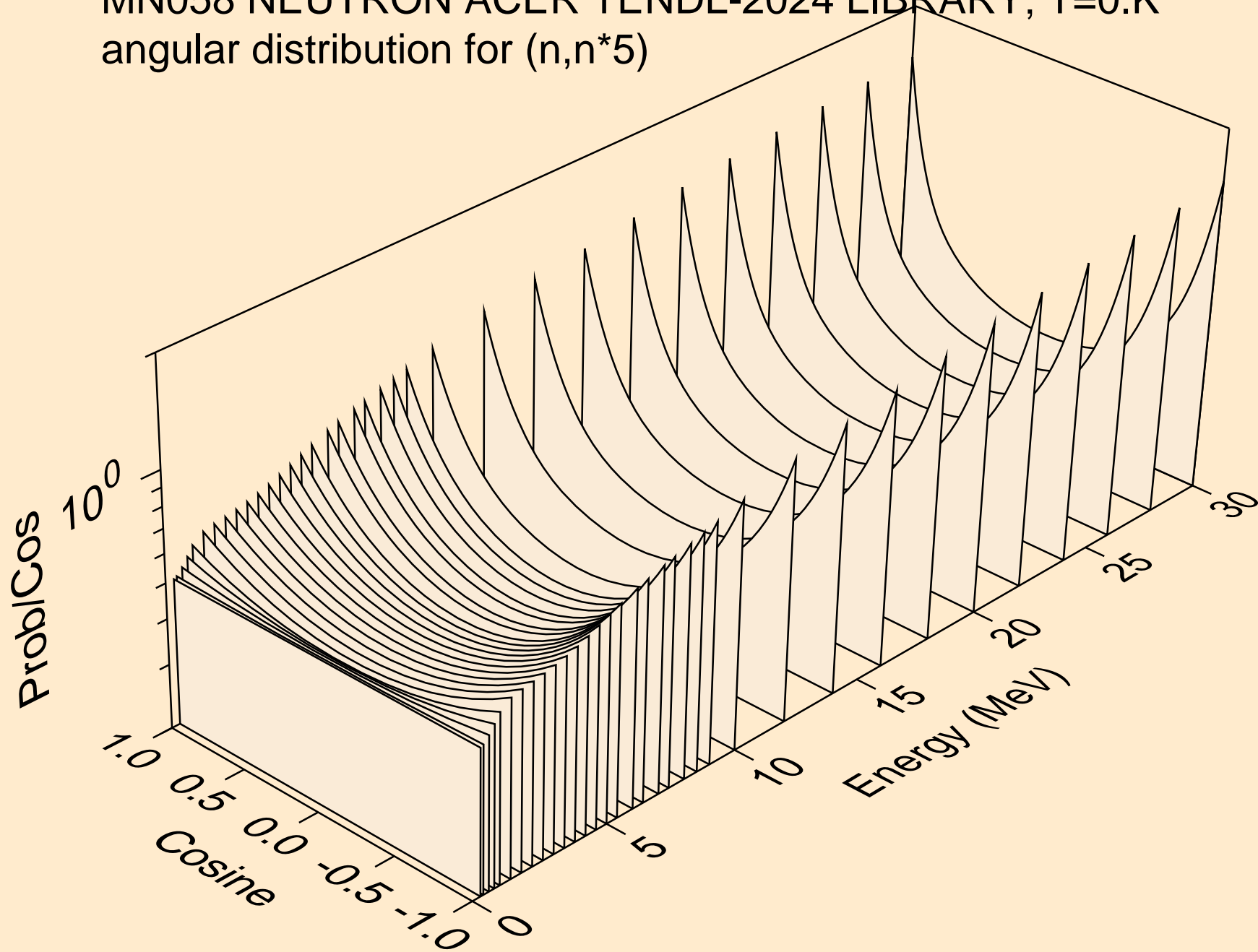
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



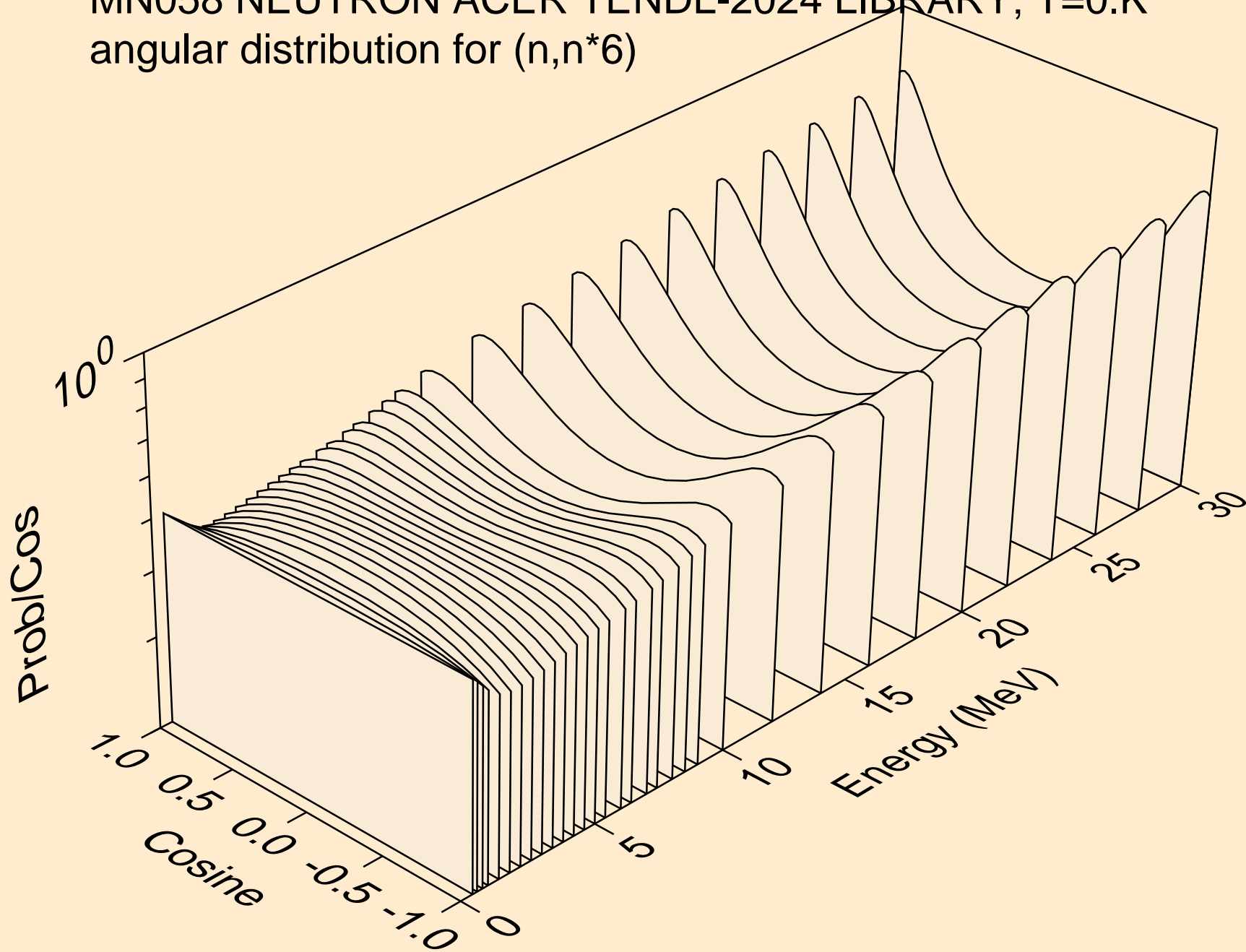
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



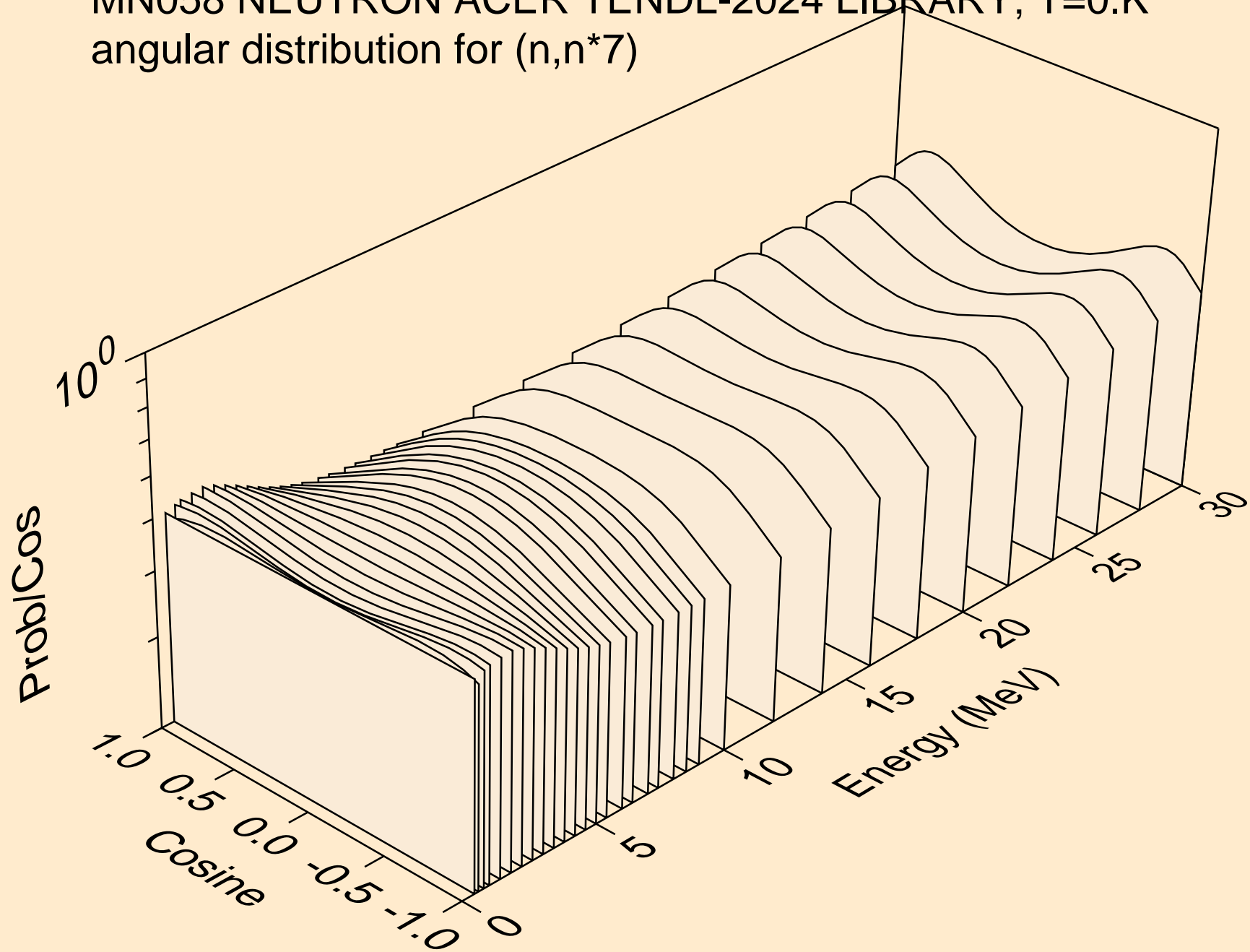
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



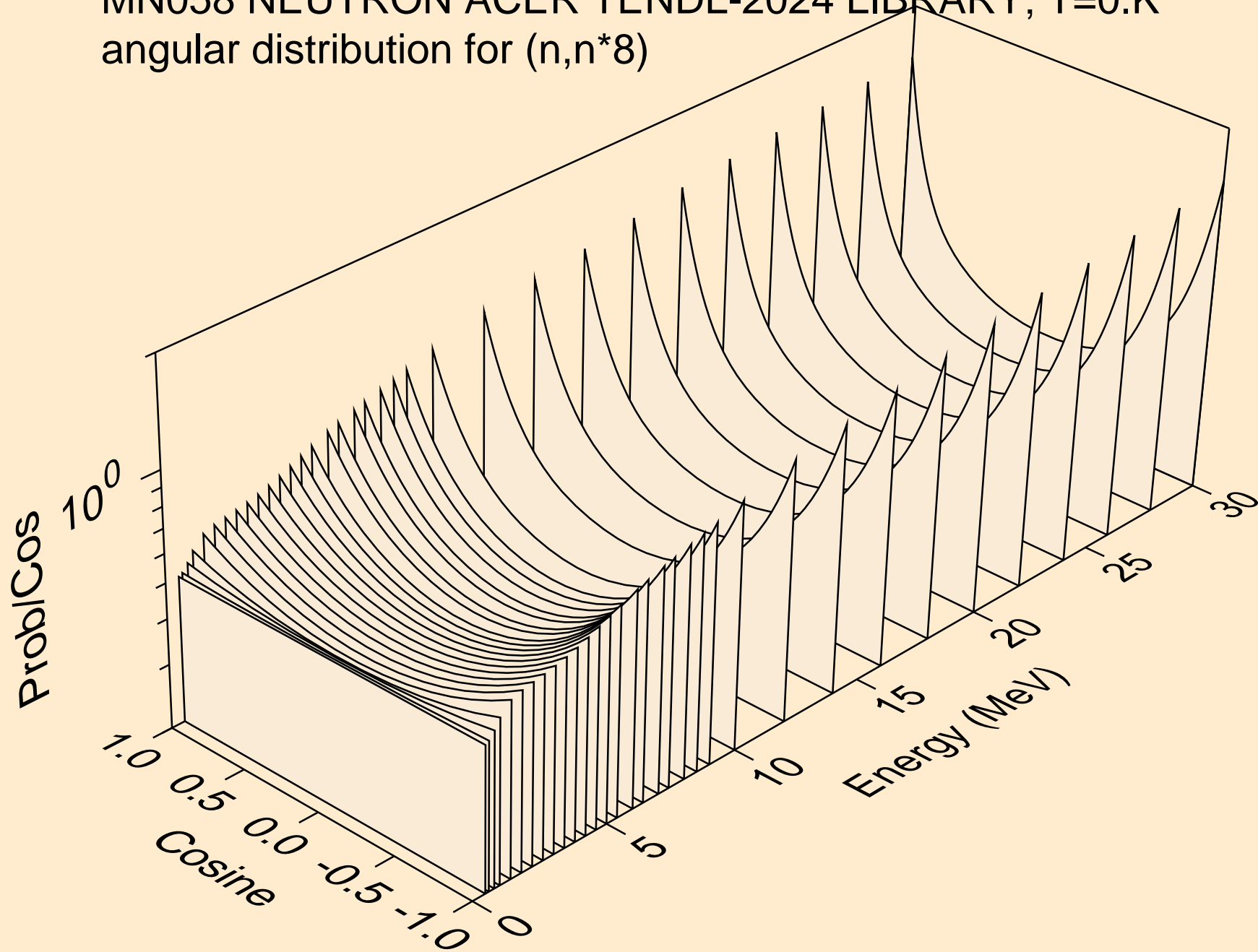
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



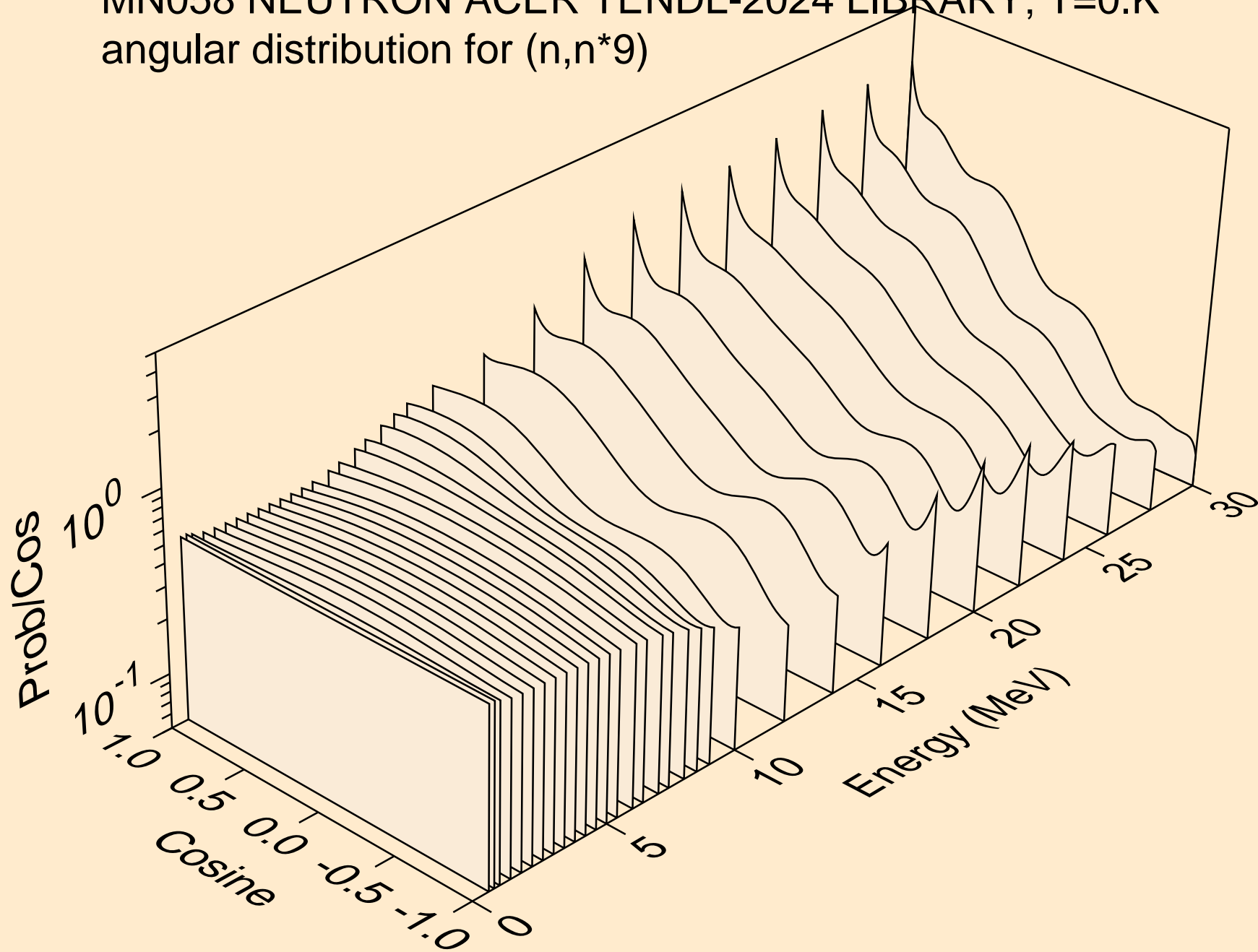
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

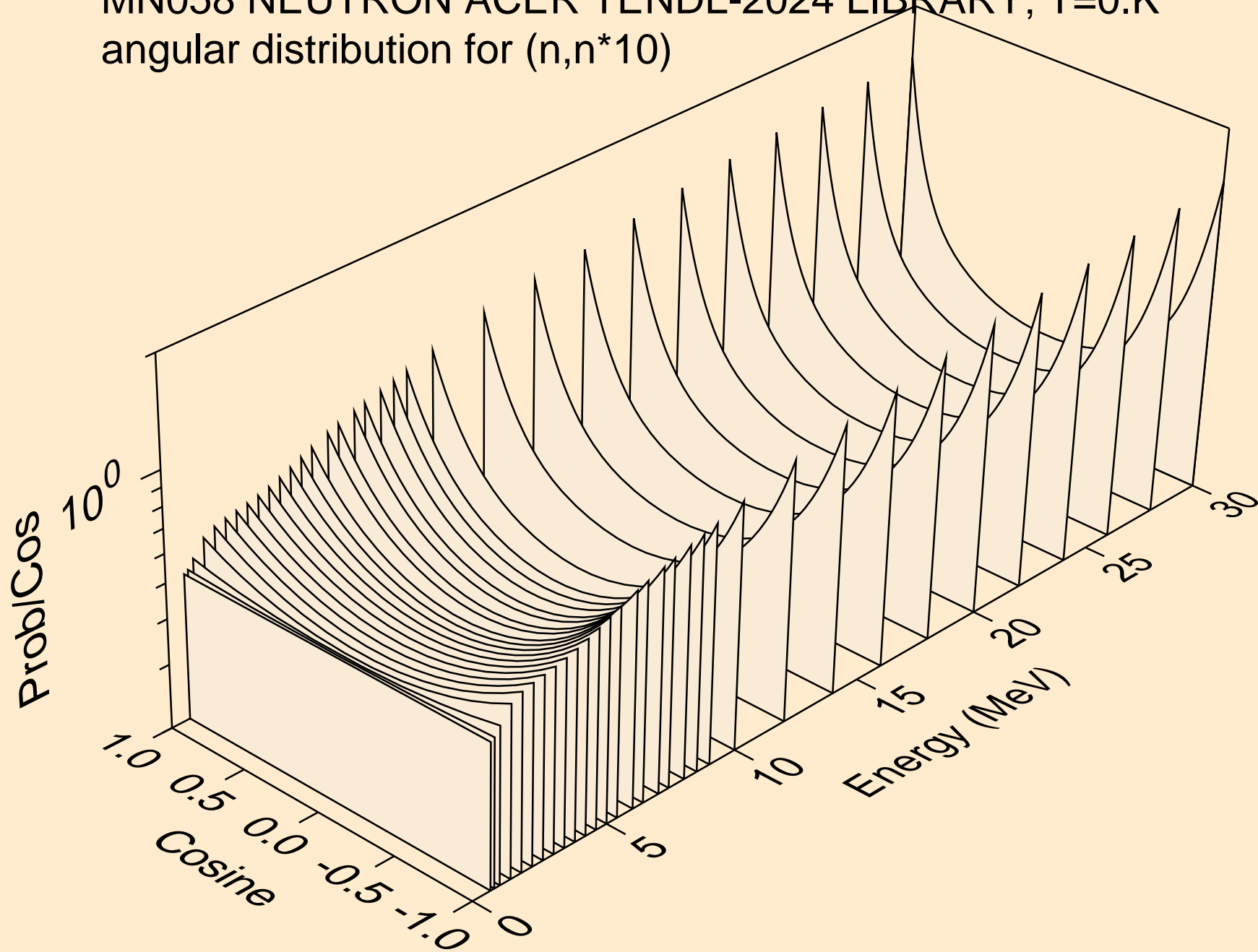


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

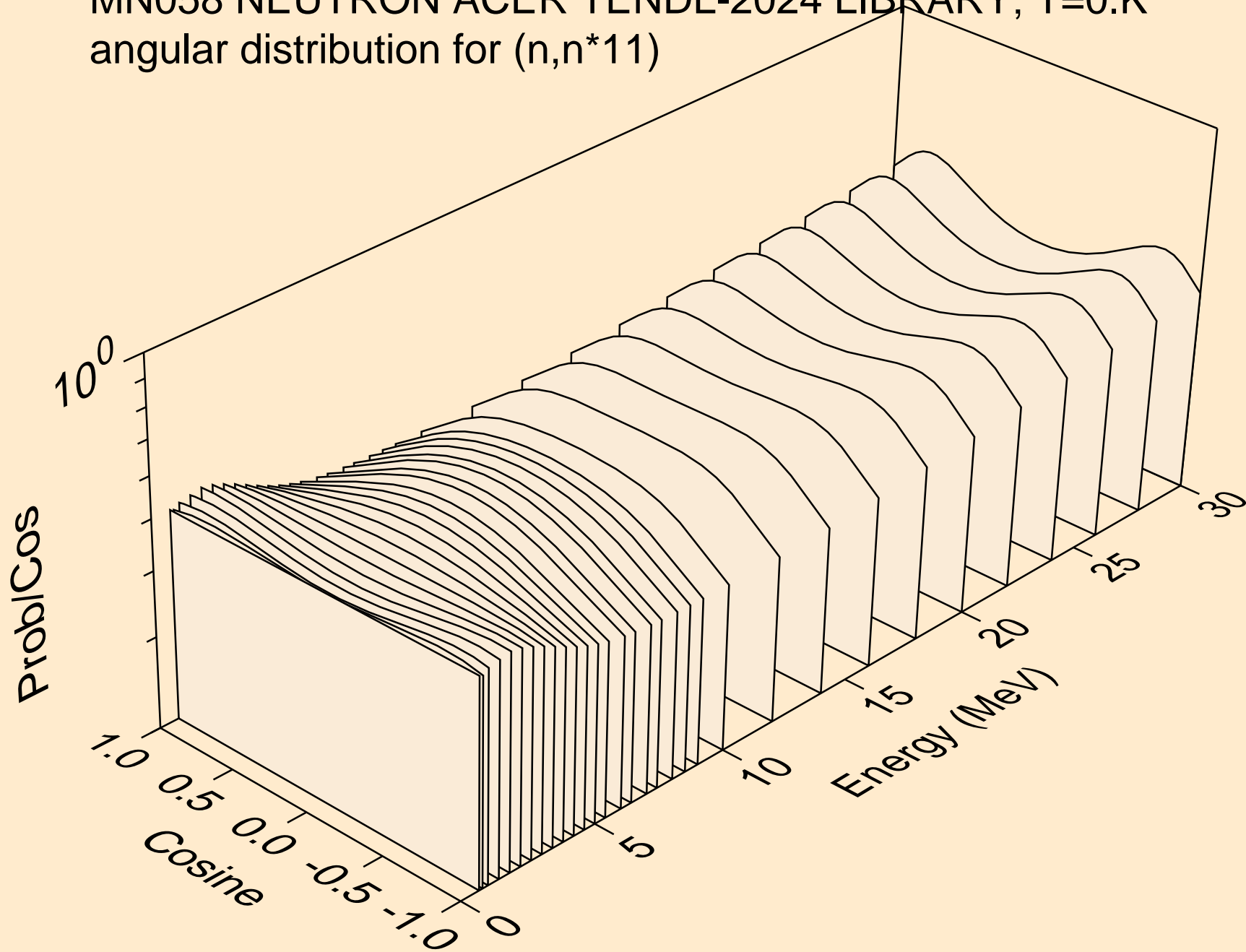




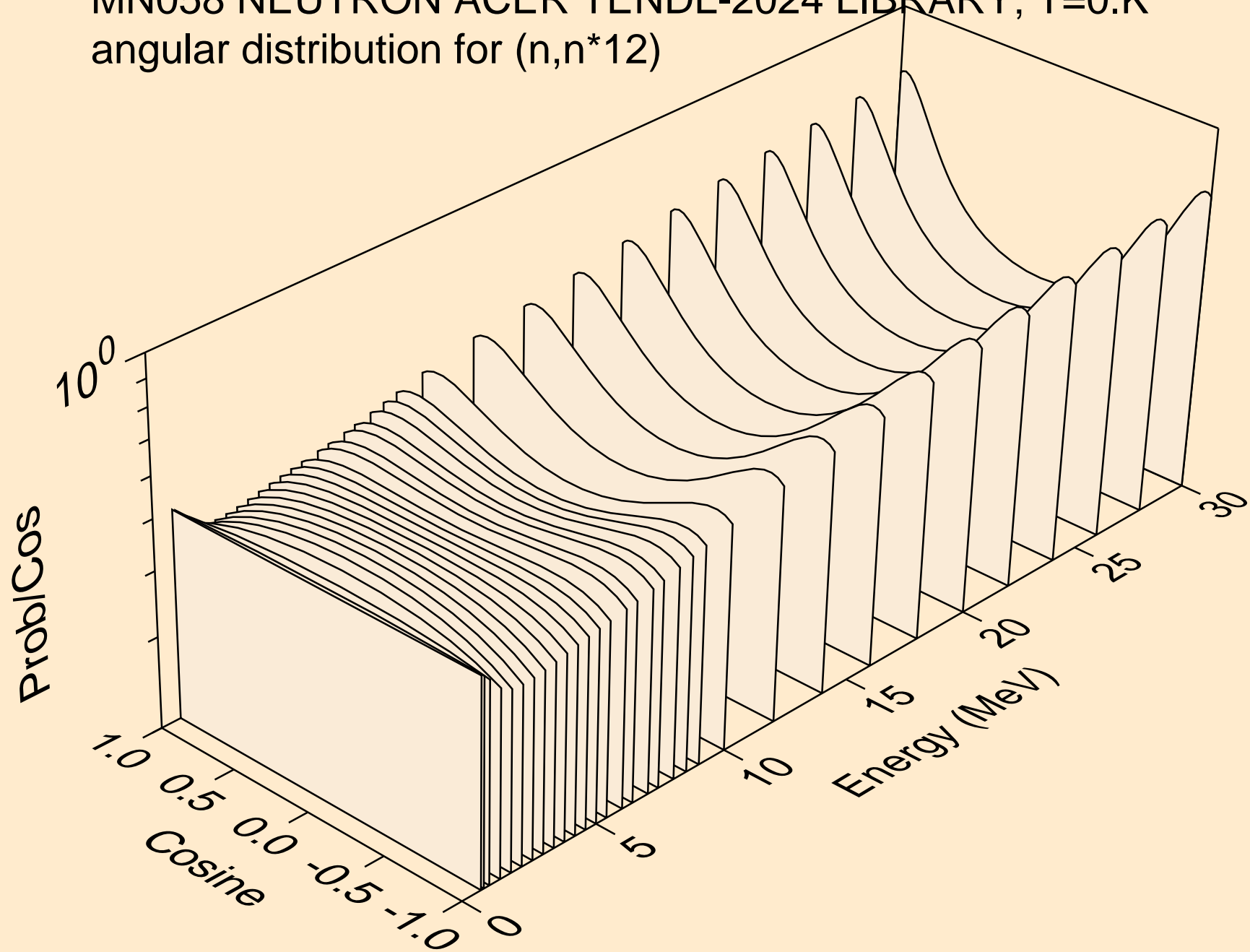
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angular distribution for (n,n\*10)



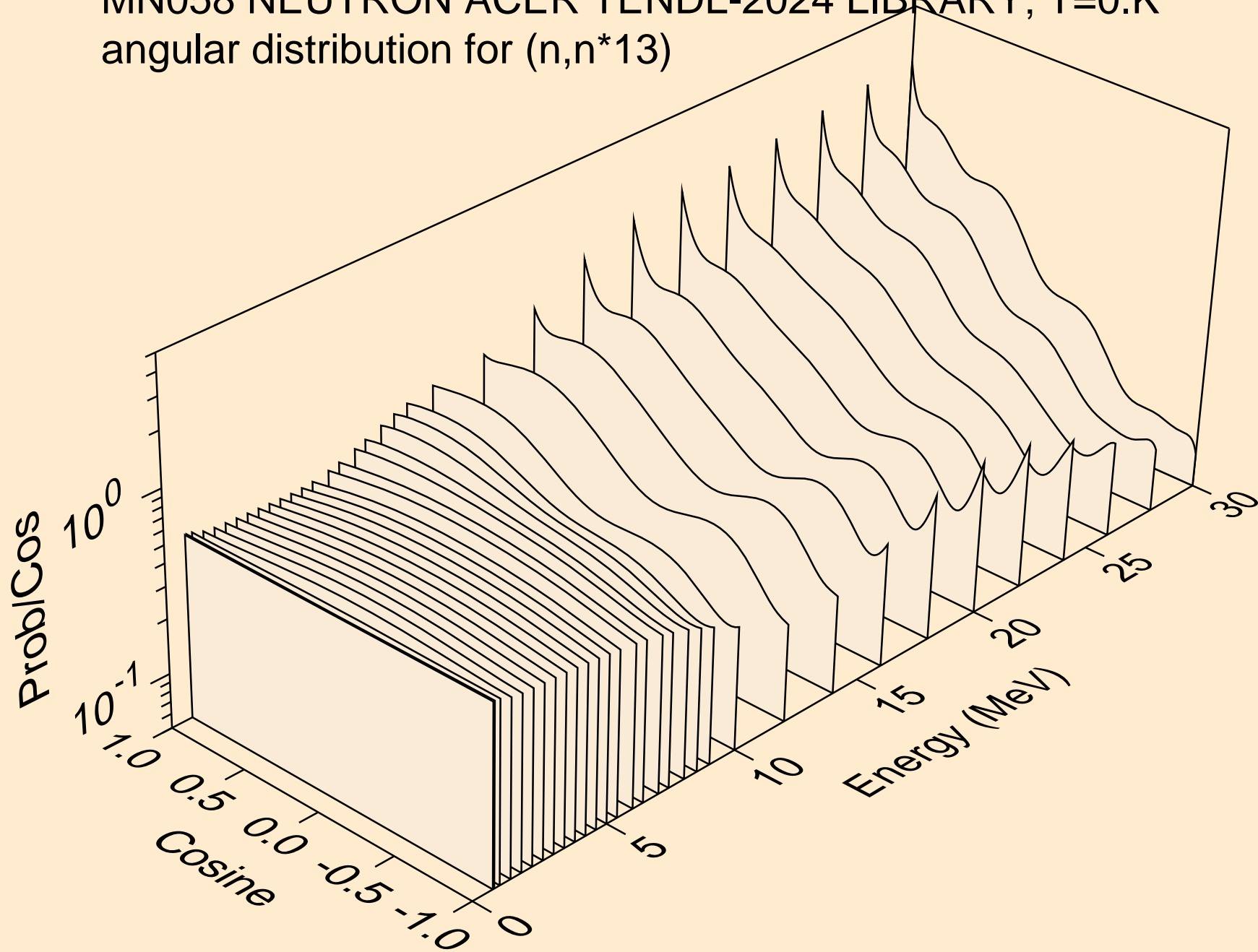
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angular distribution for (n,n\*11)



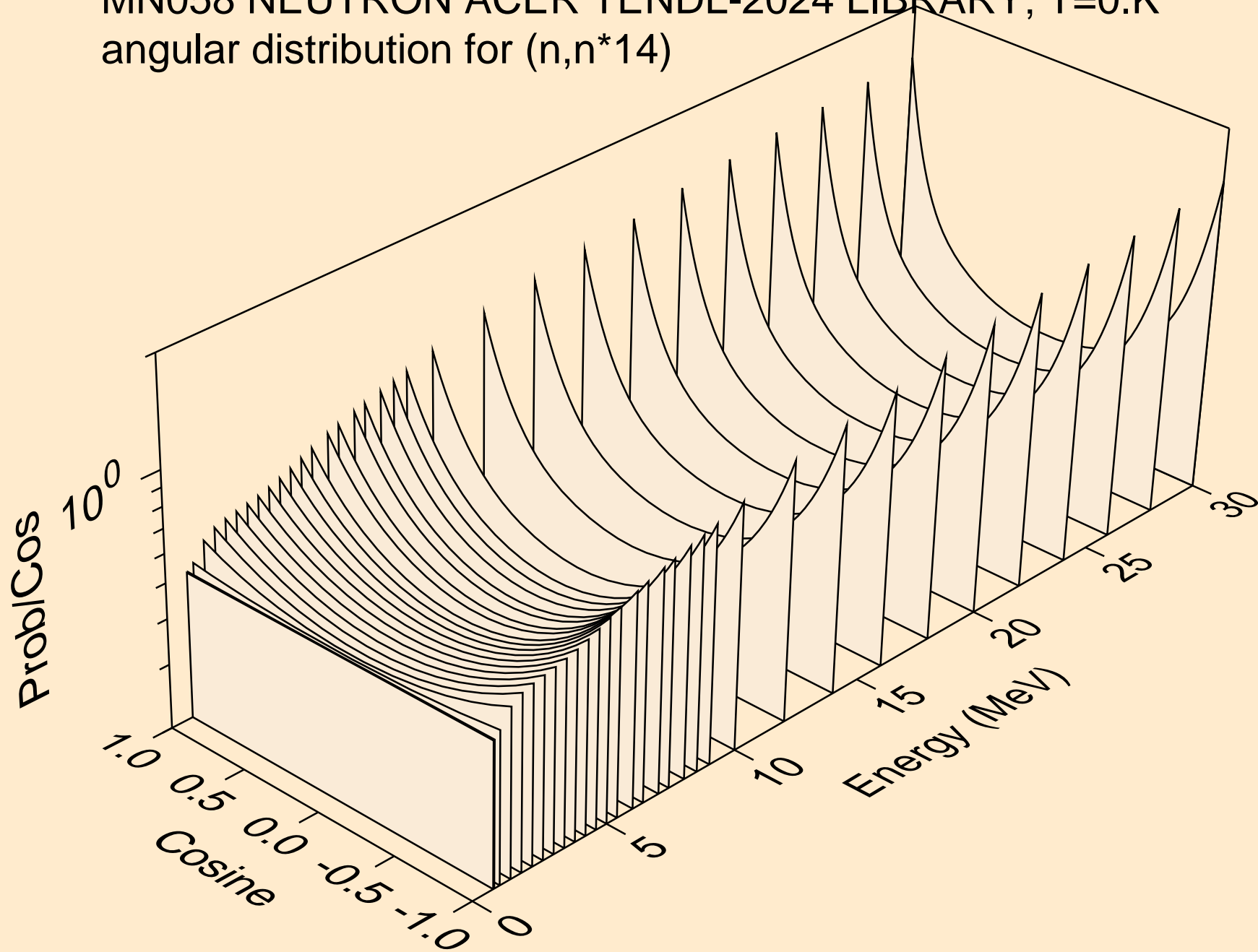
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



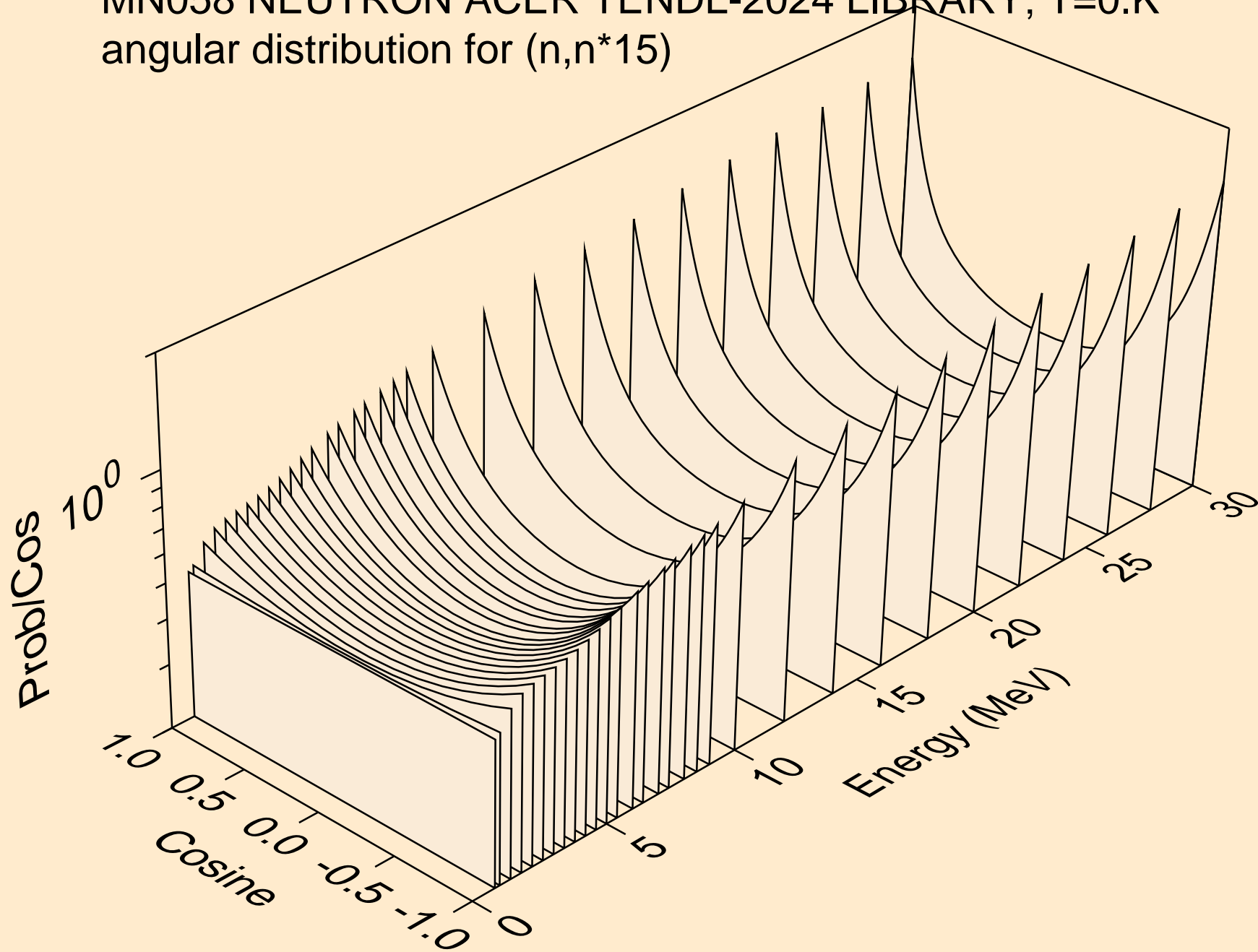
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



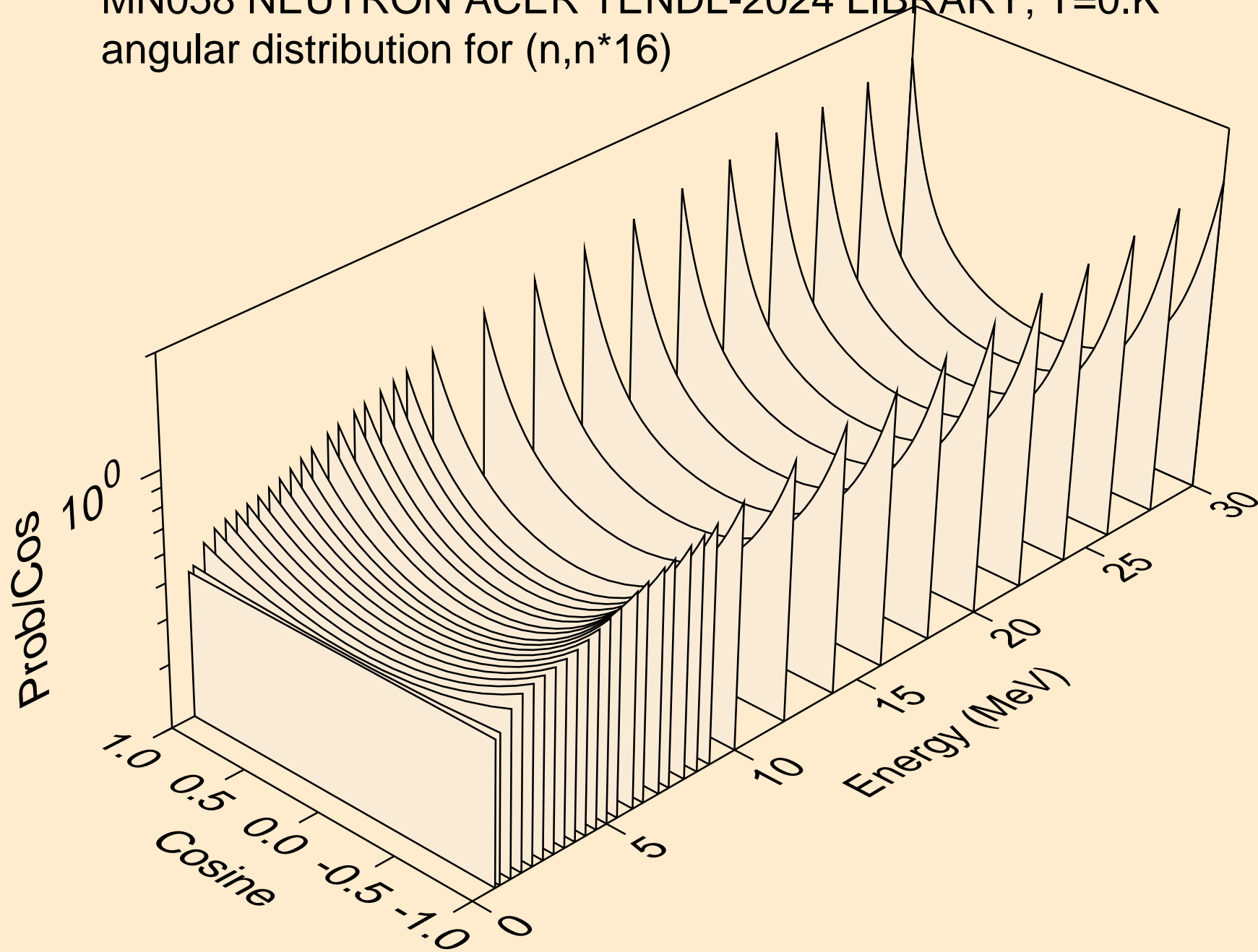
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



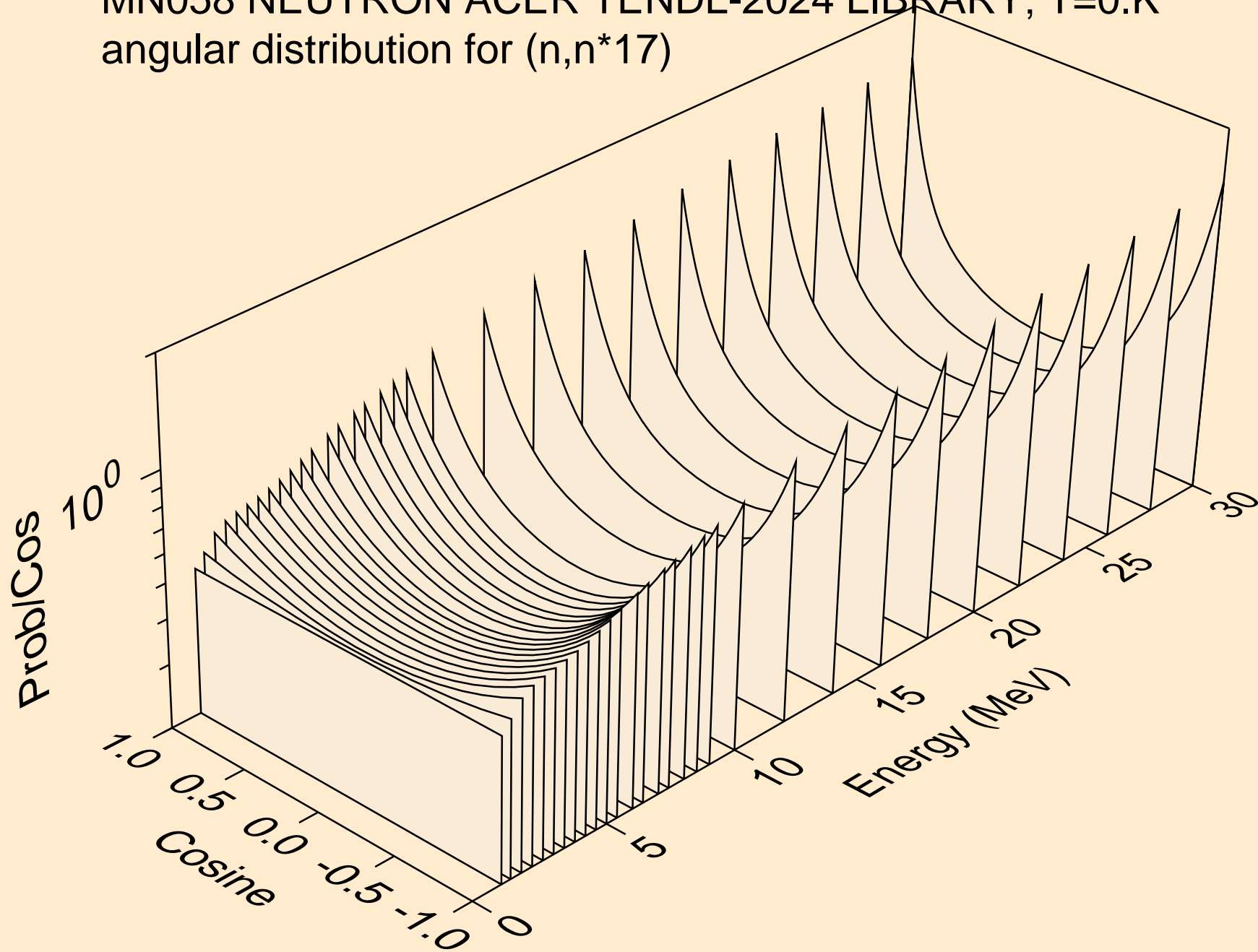
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

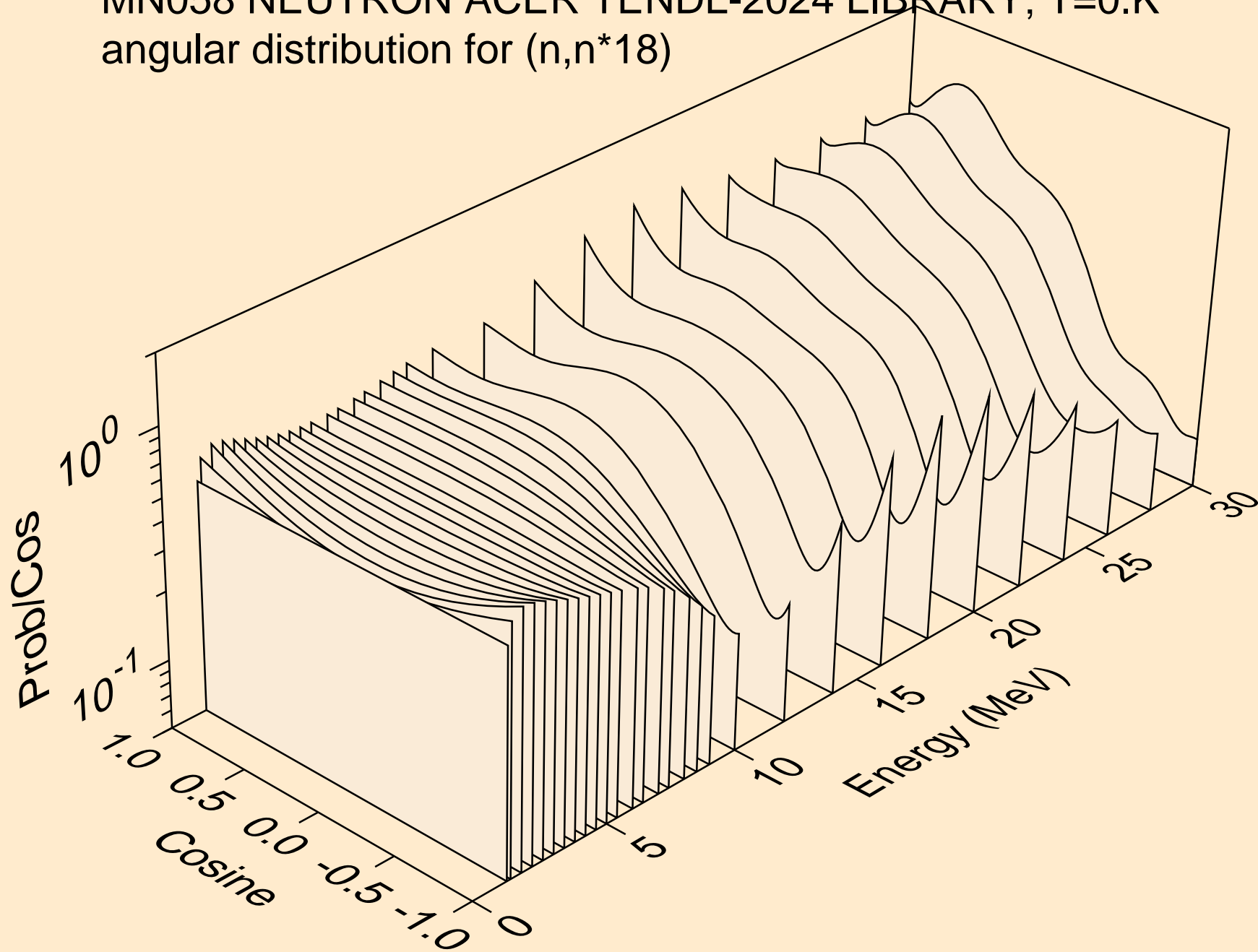


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

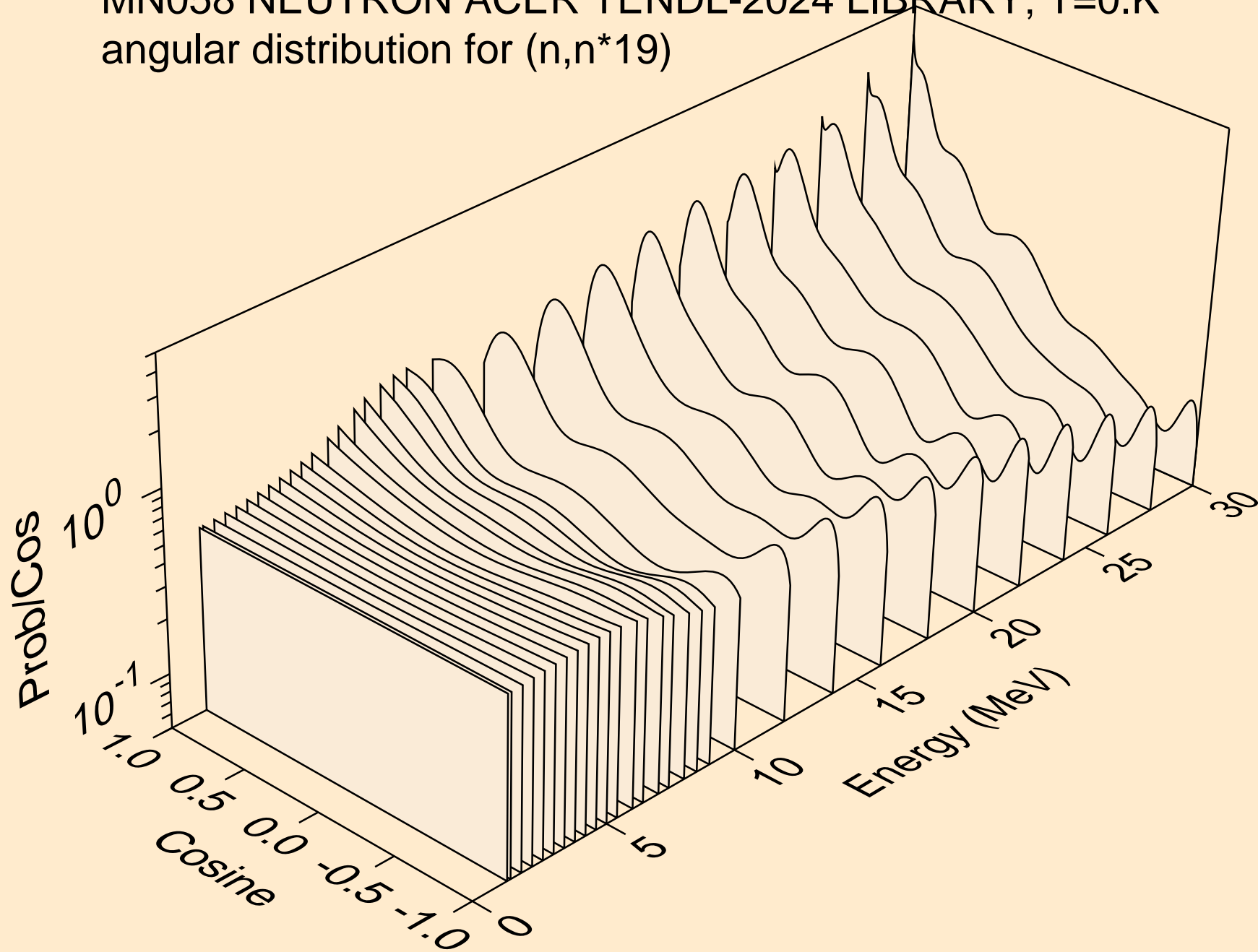




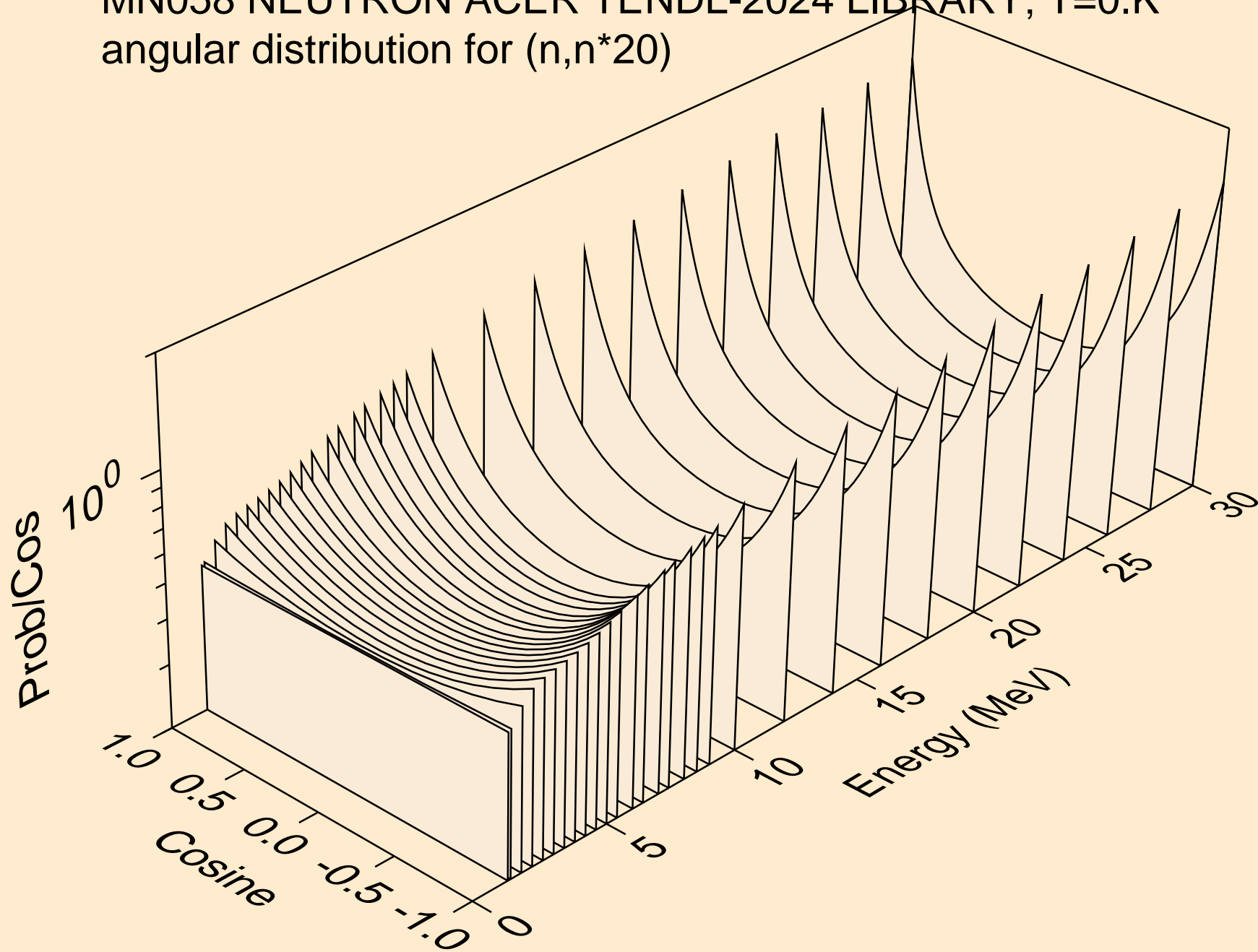
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



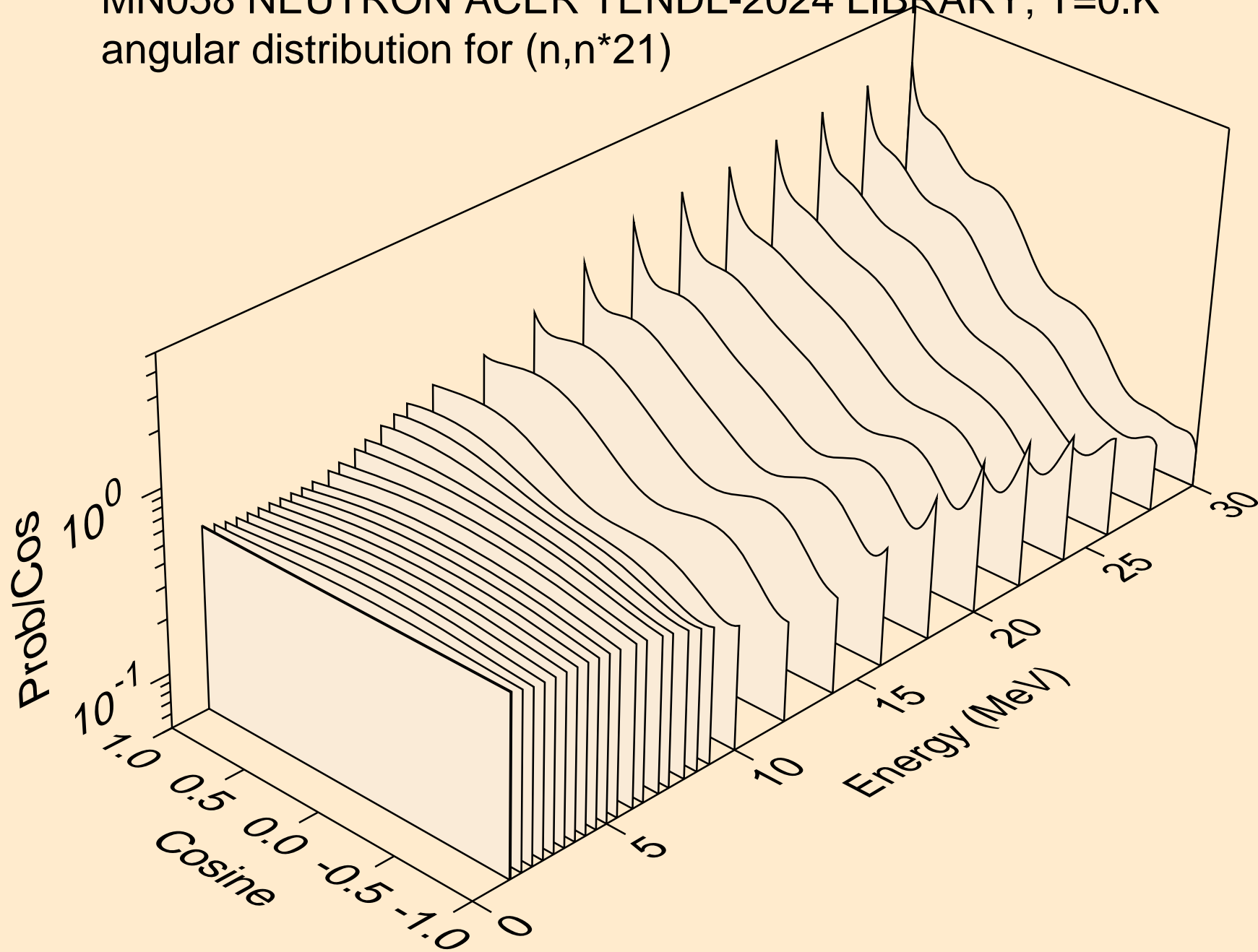
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)



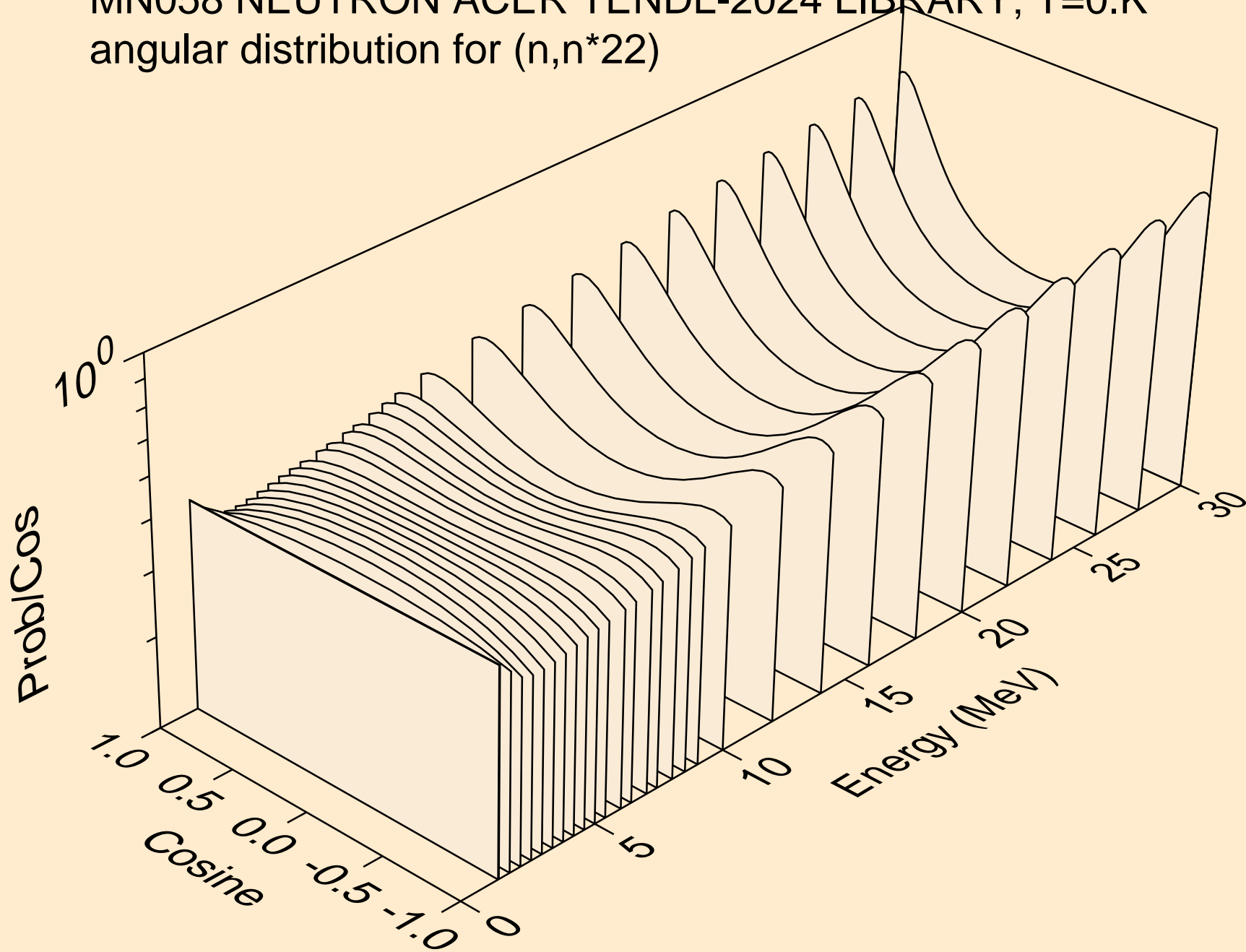
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



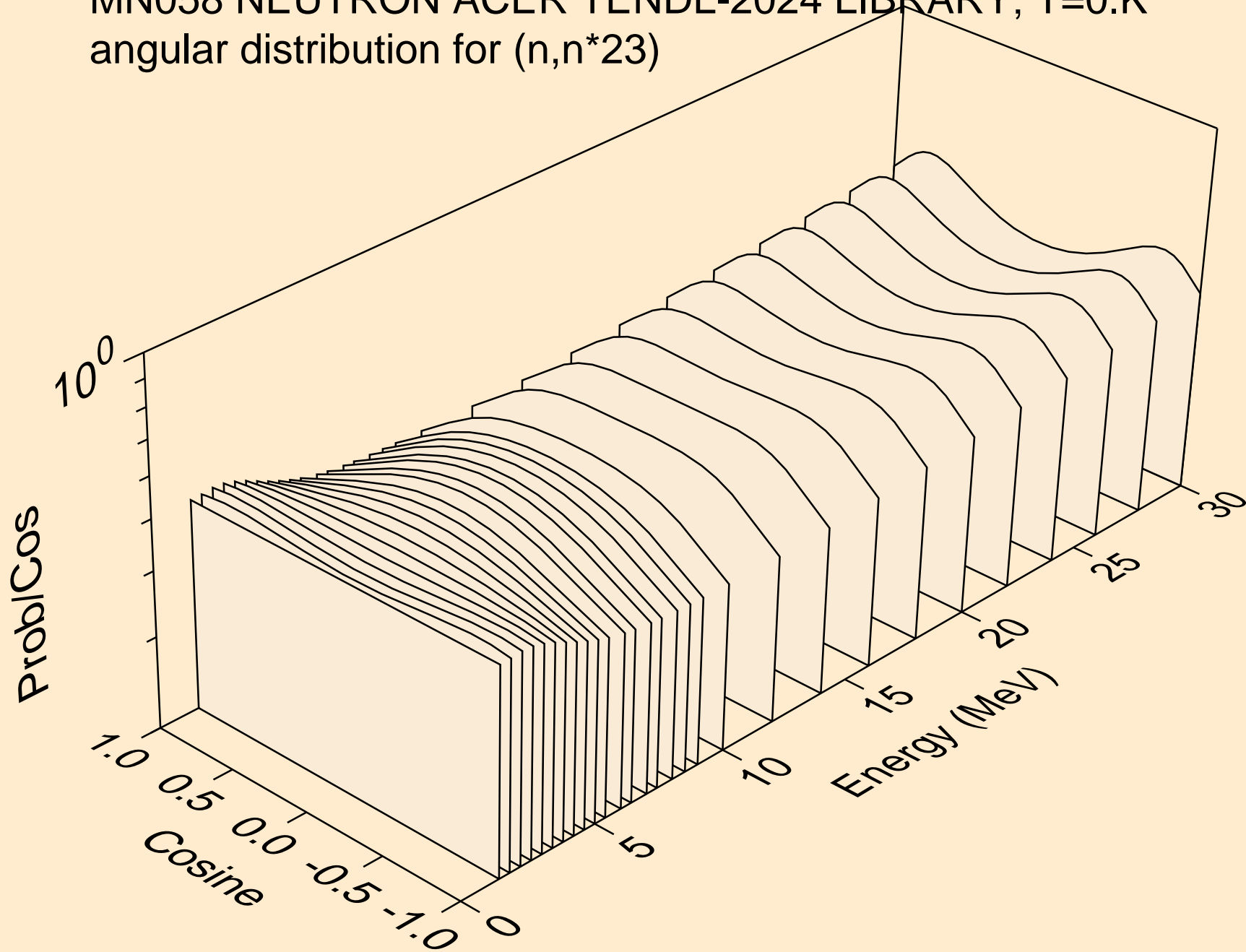
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



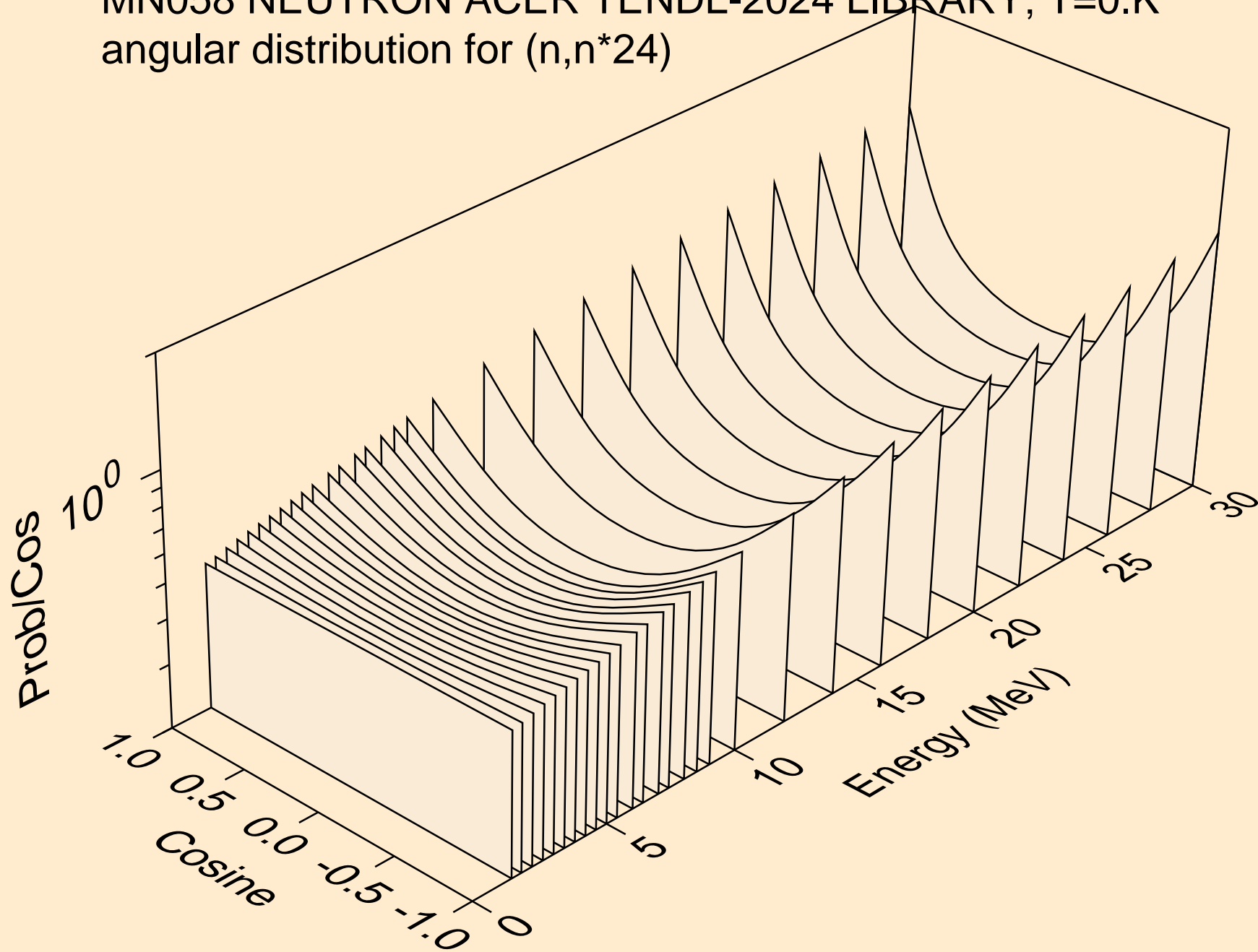
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



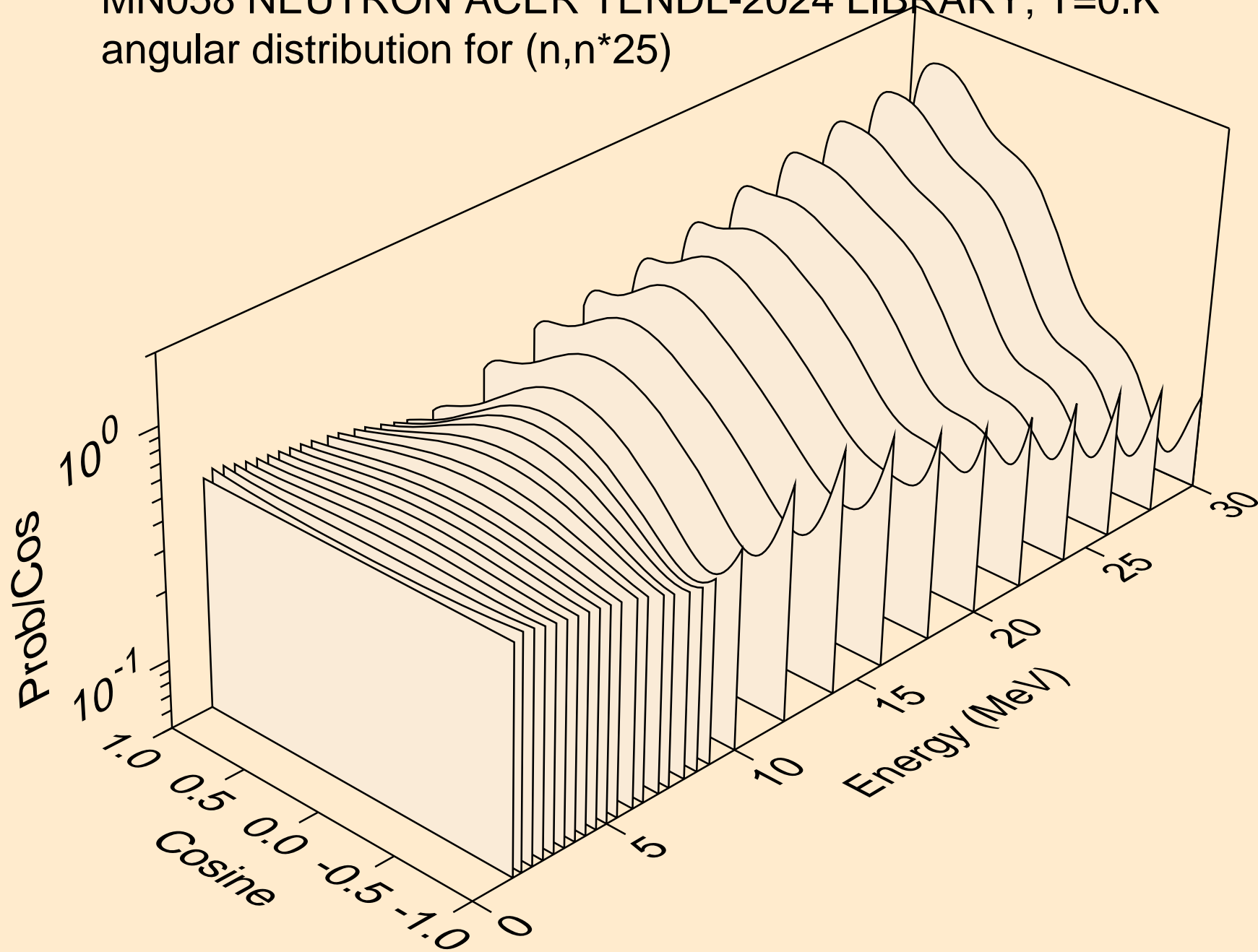
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)

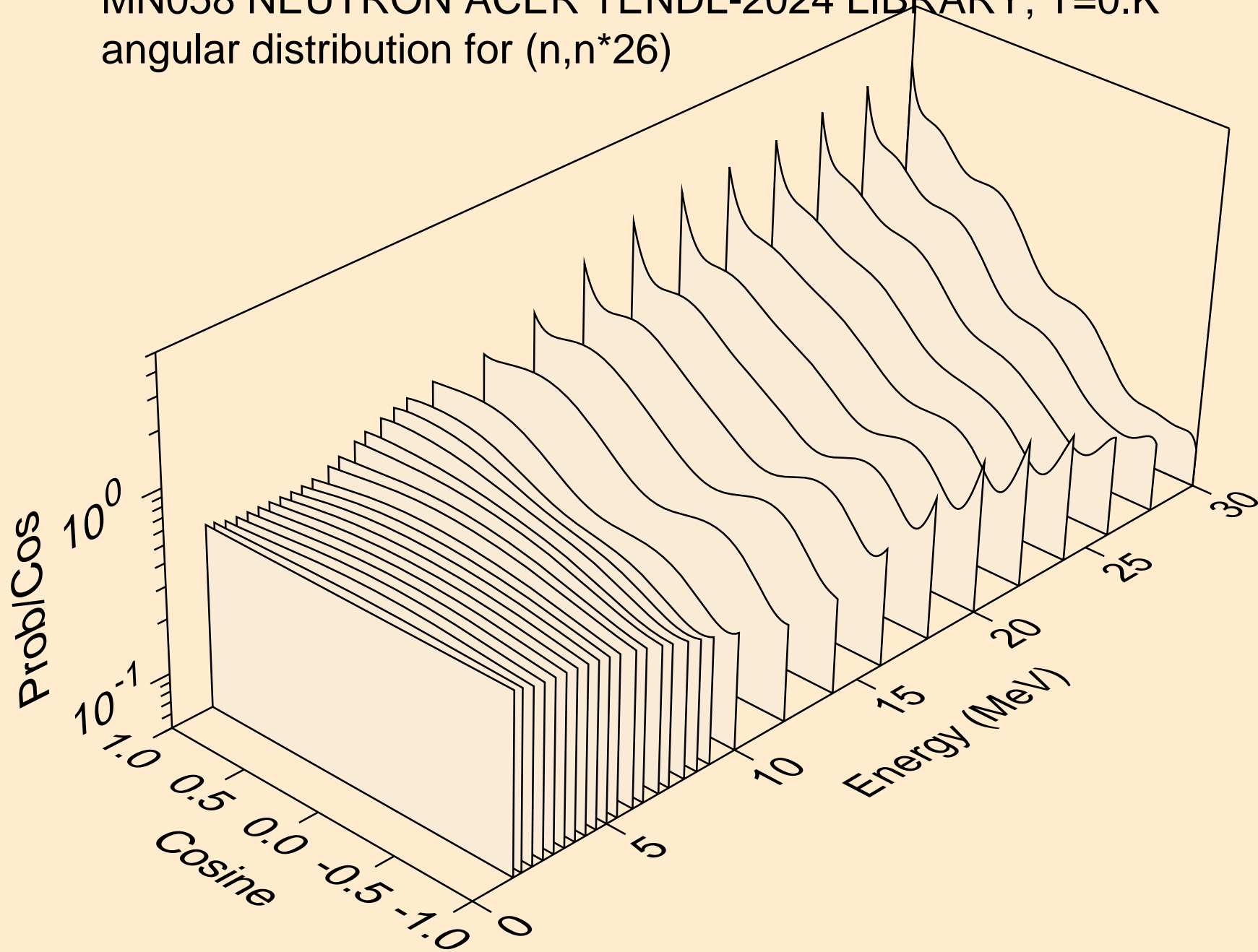


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

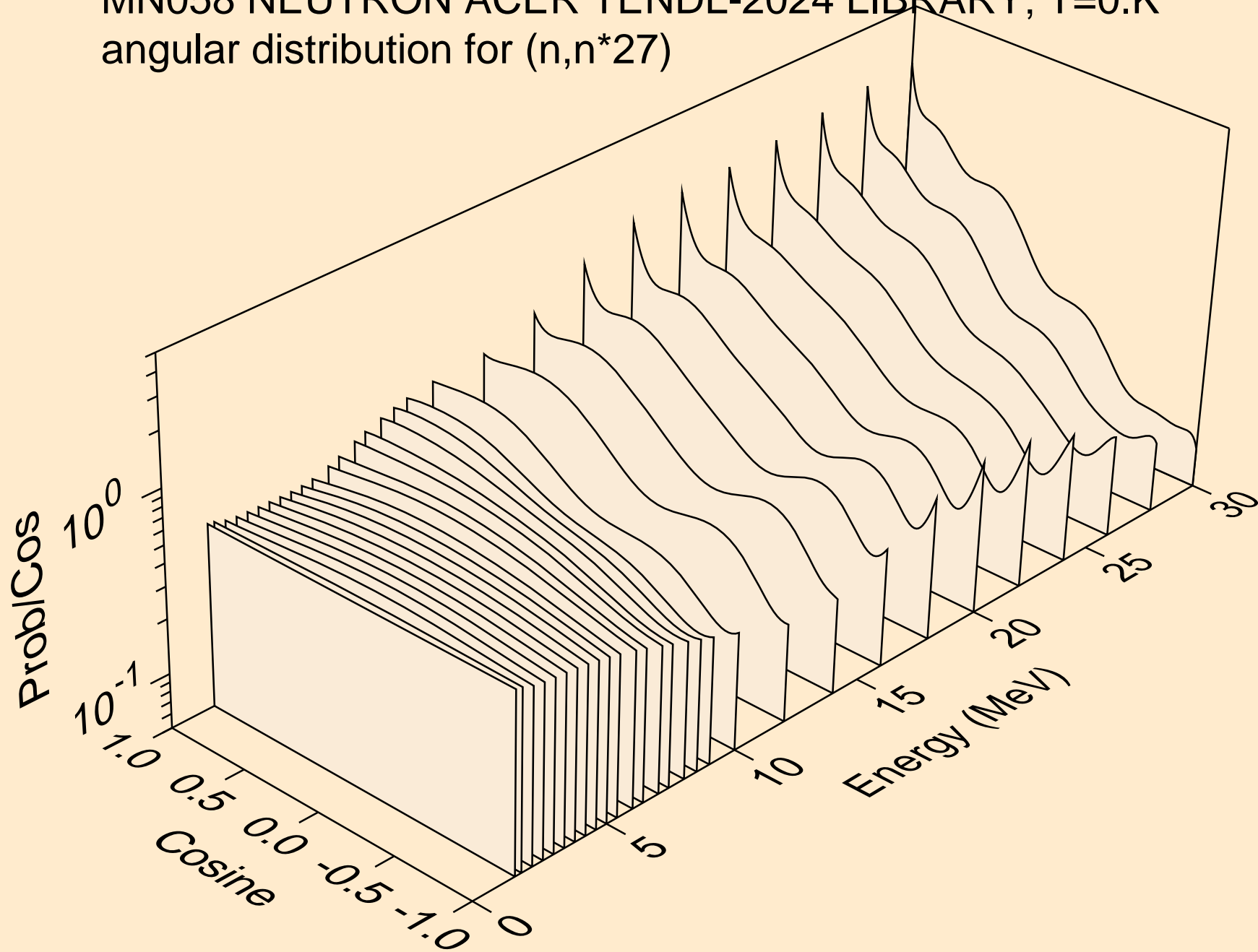




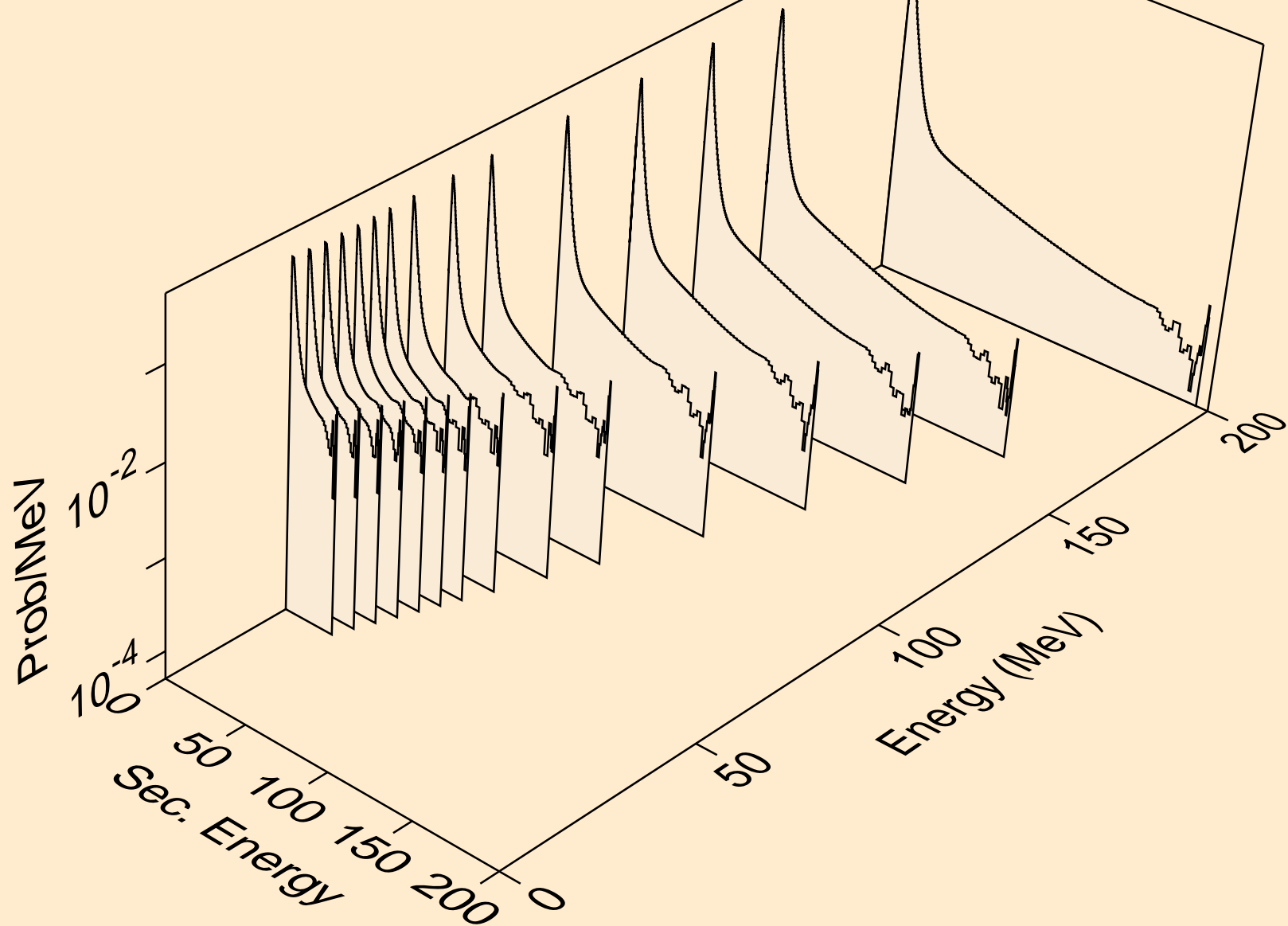
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



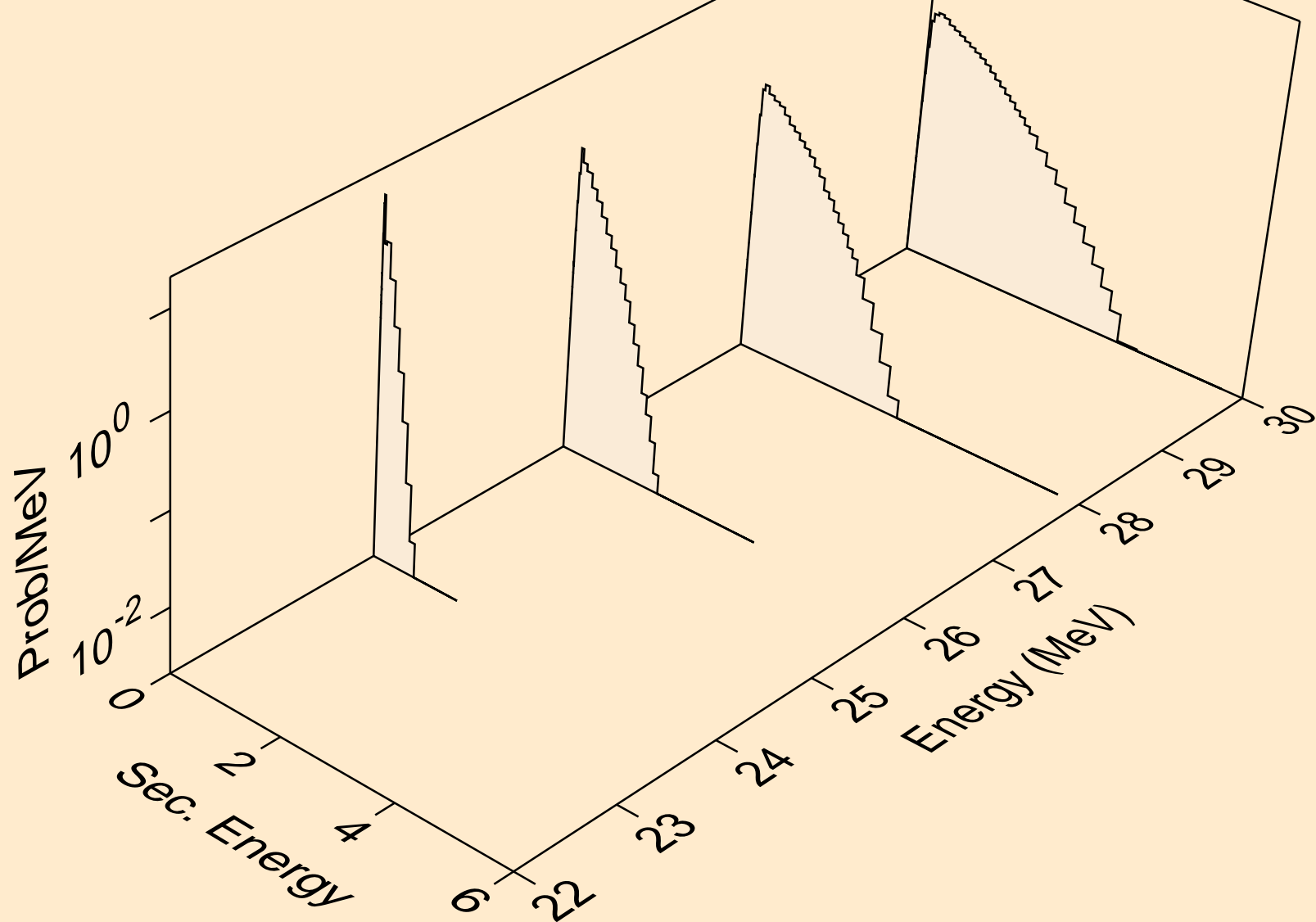
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



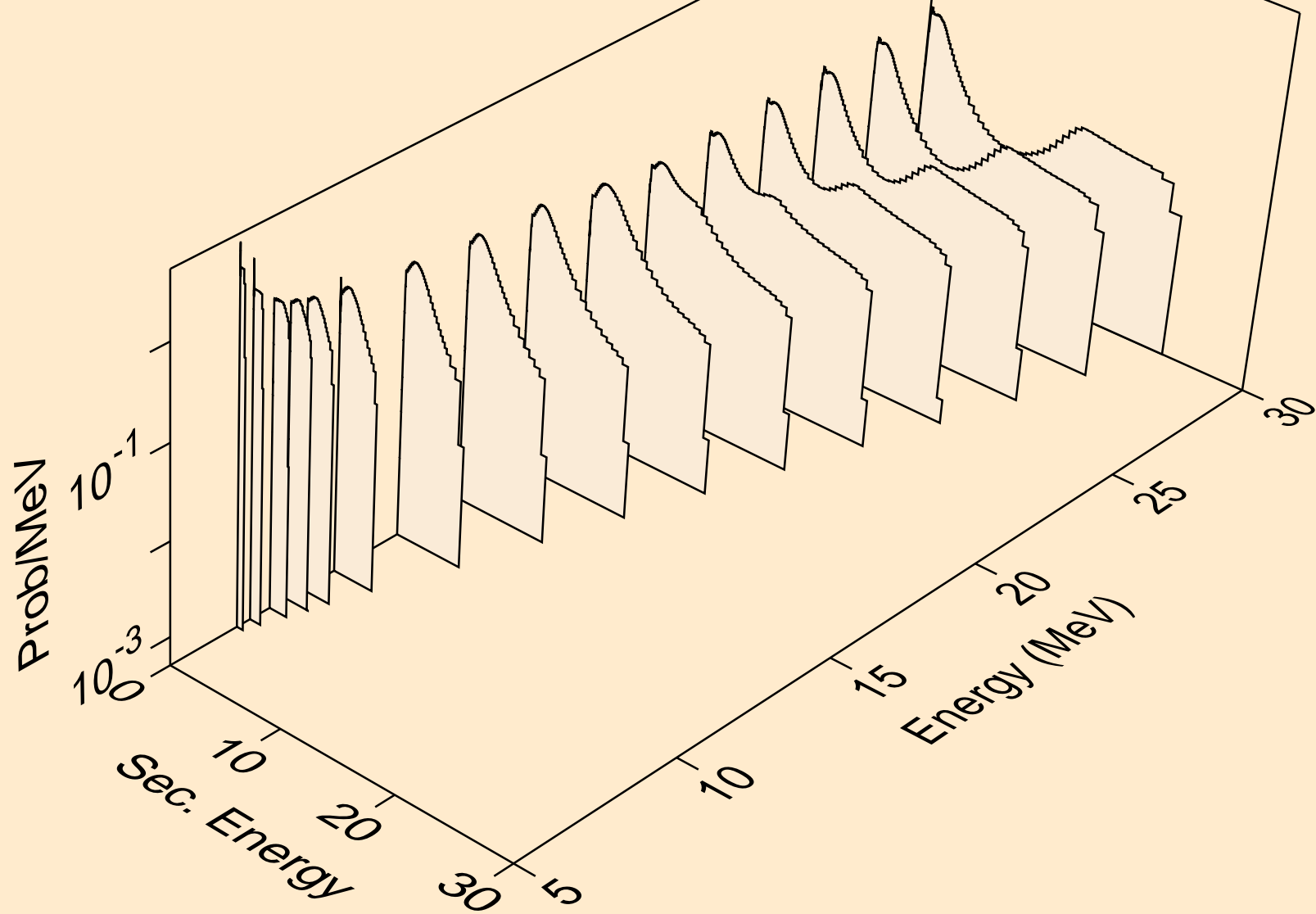
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



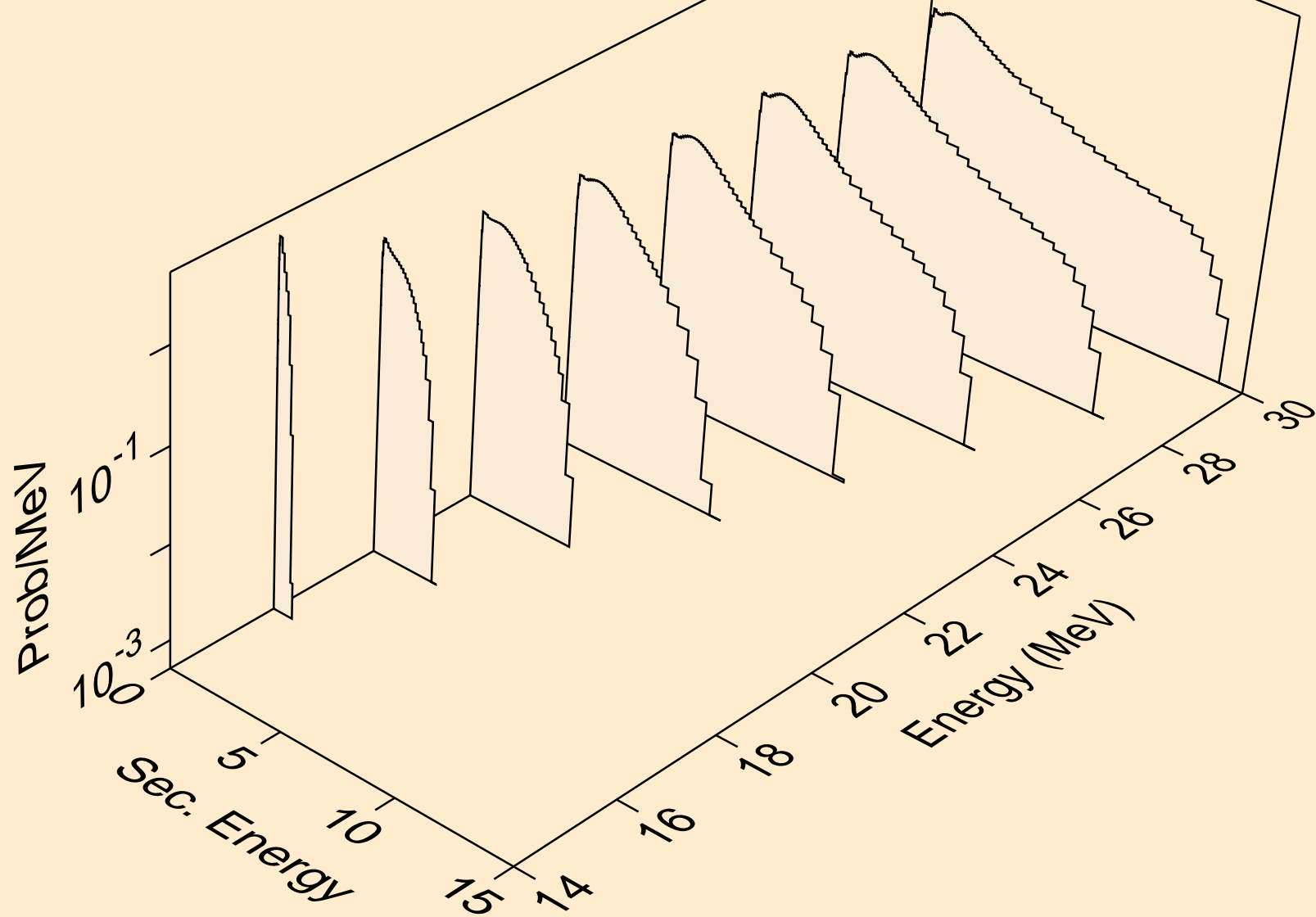
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



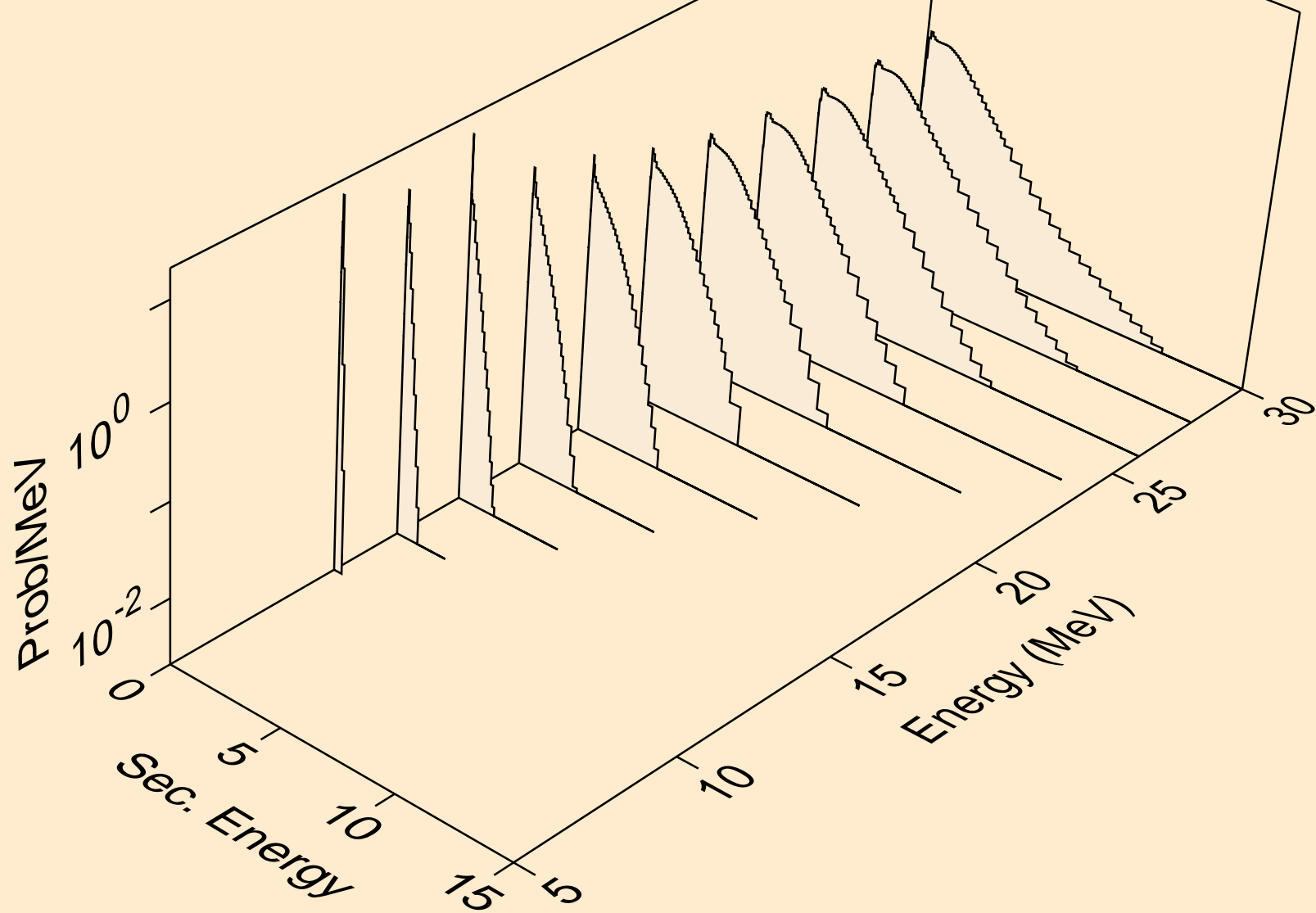
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



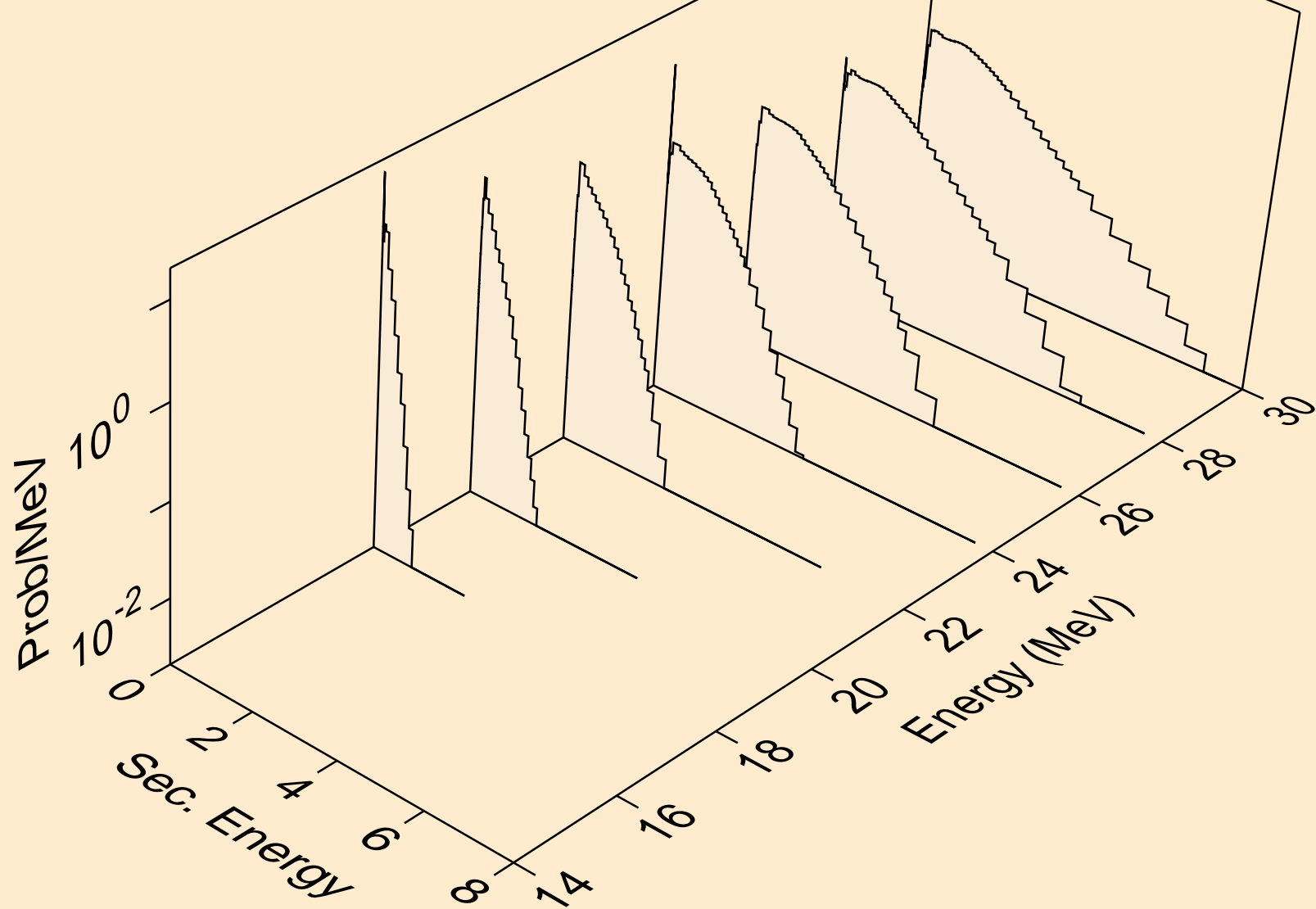
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

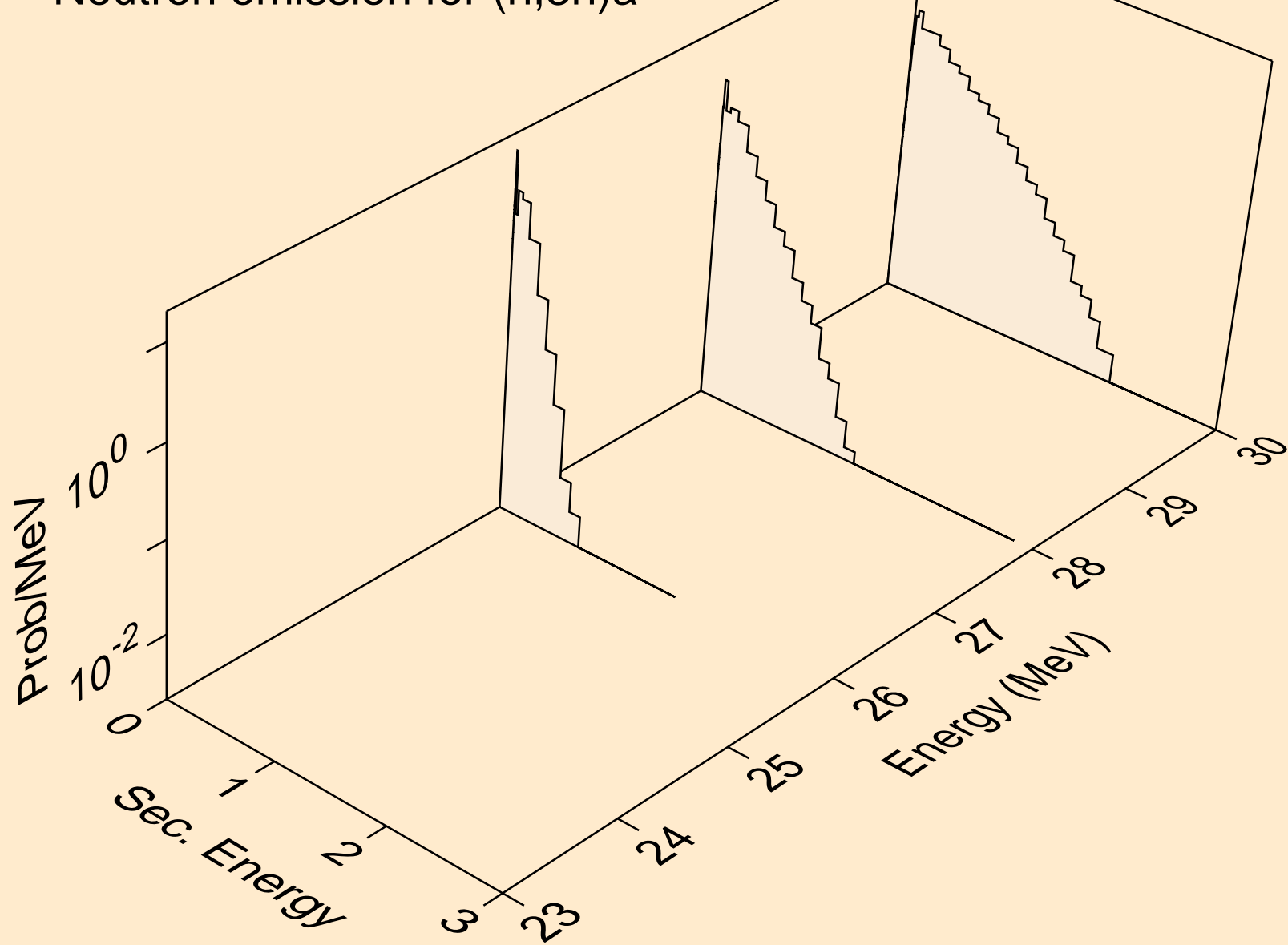


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

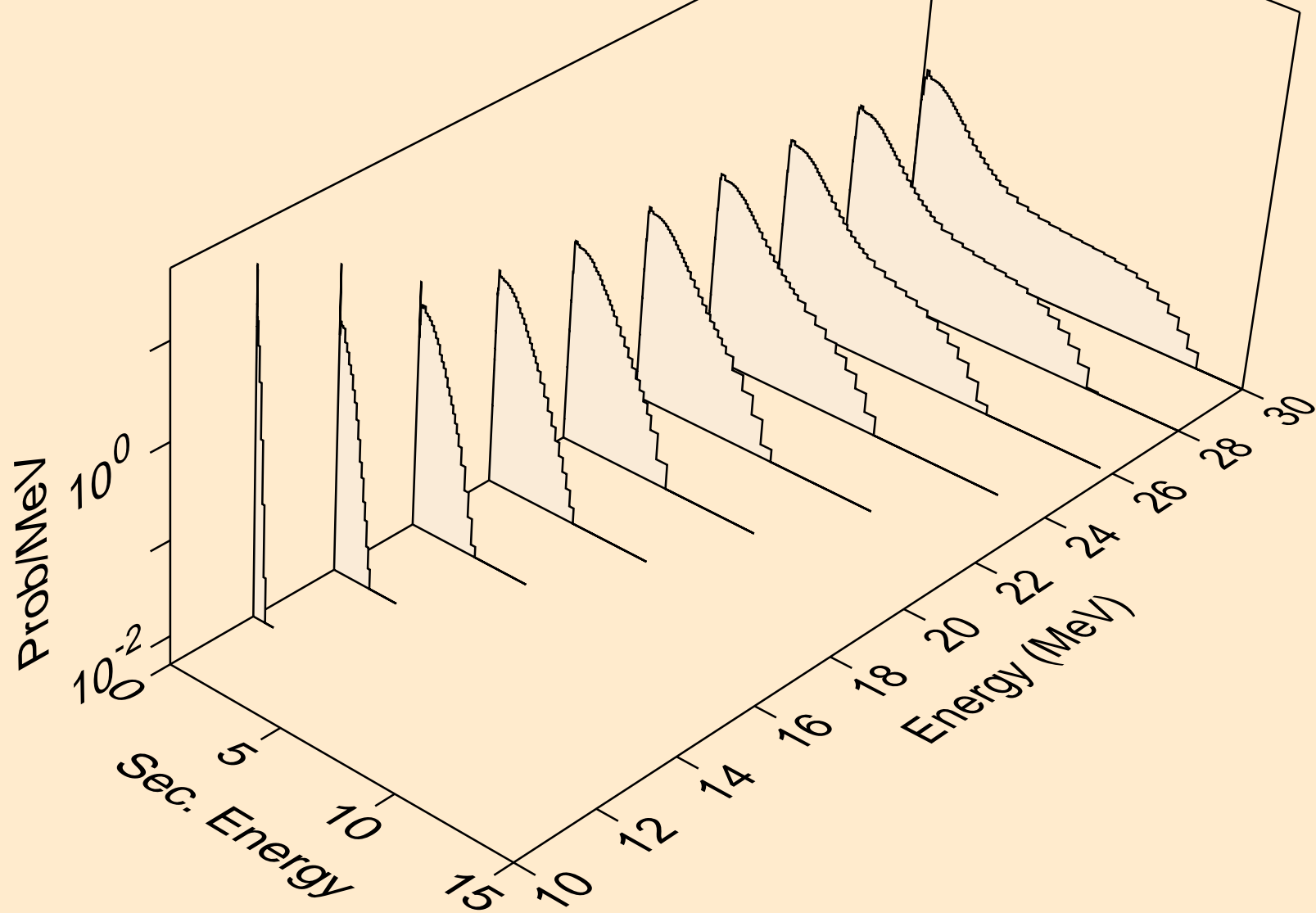




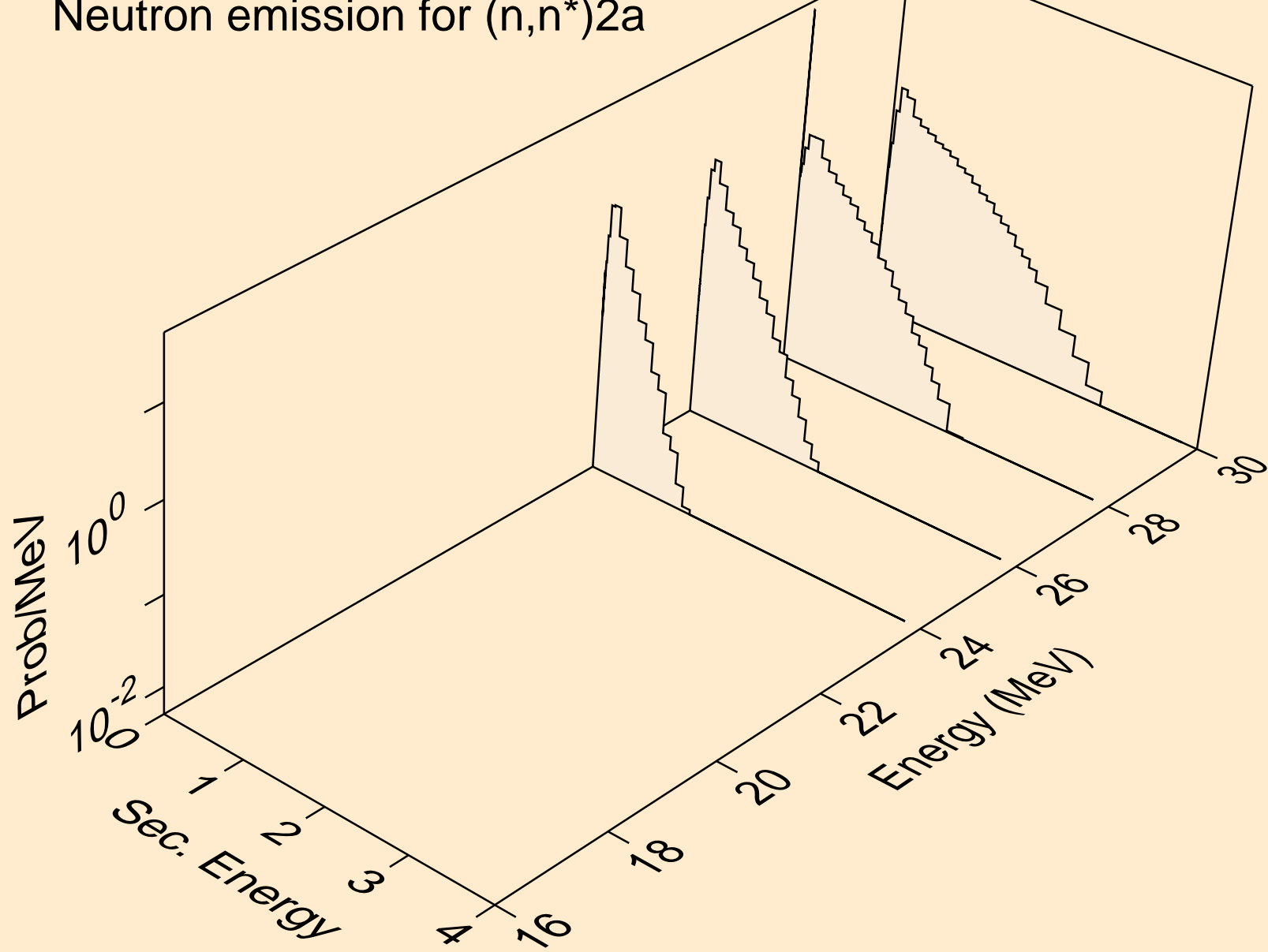
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



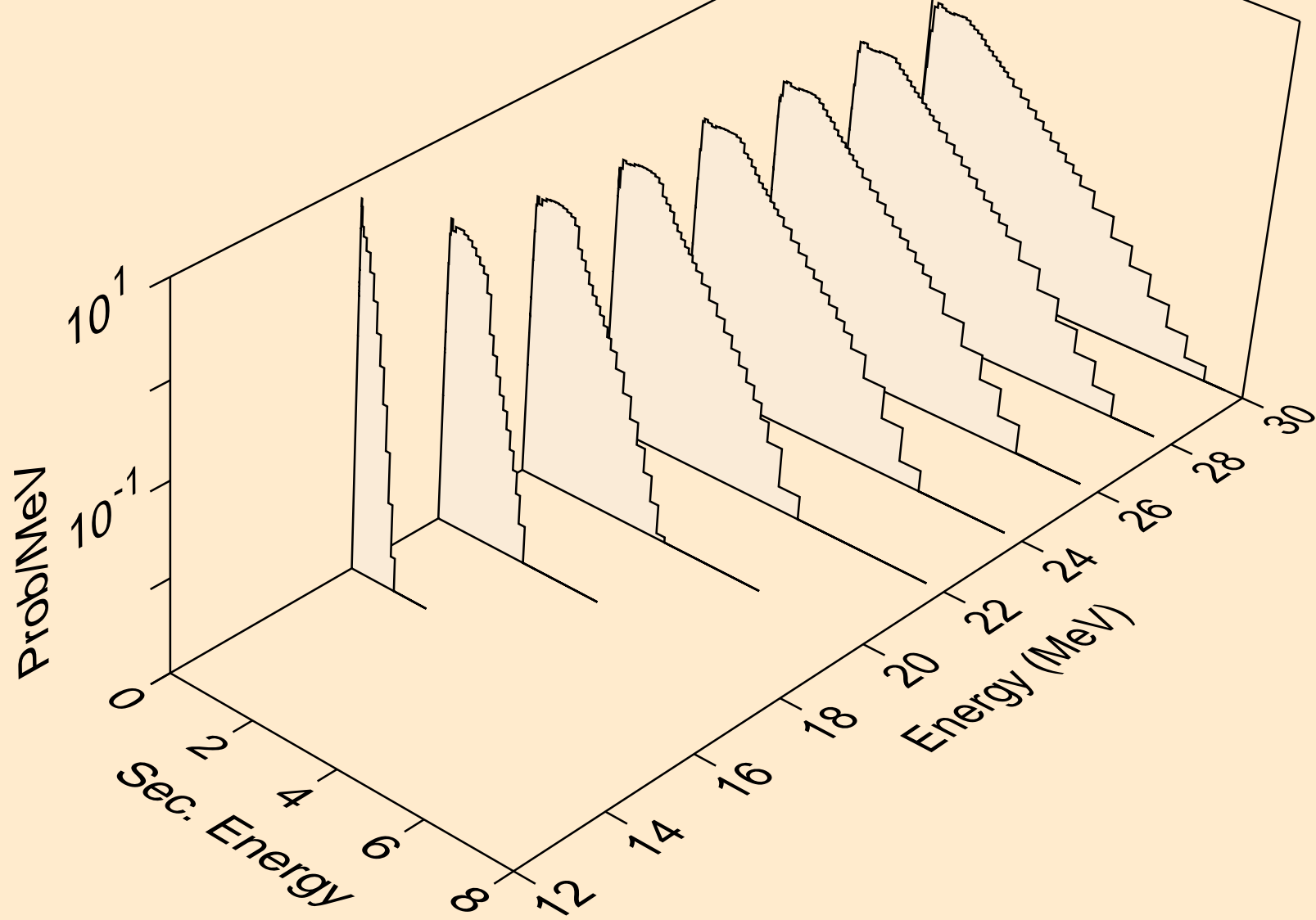
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



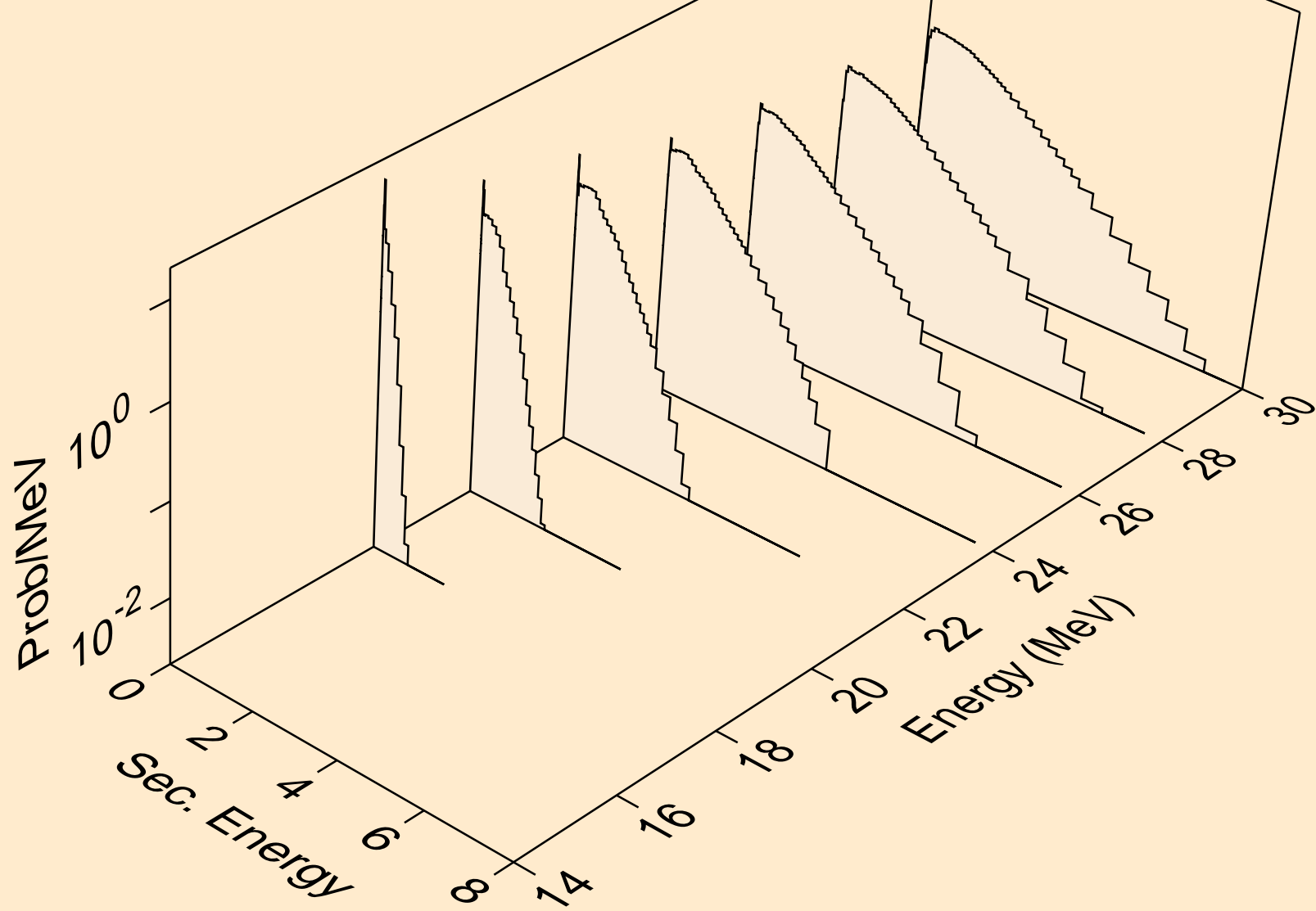
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



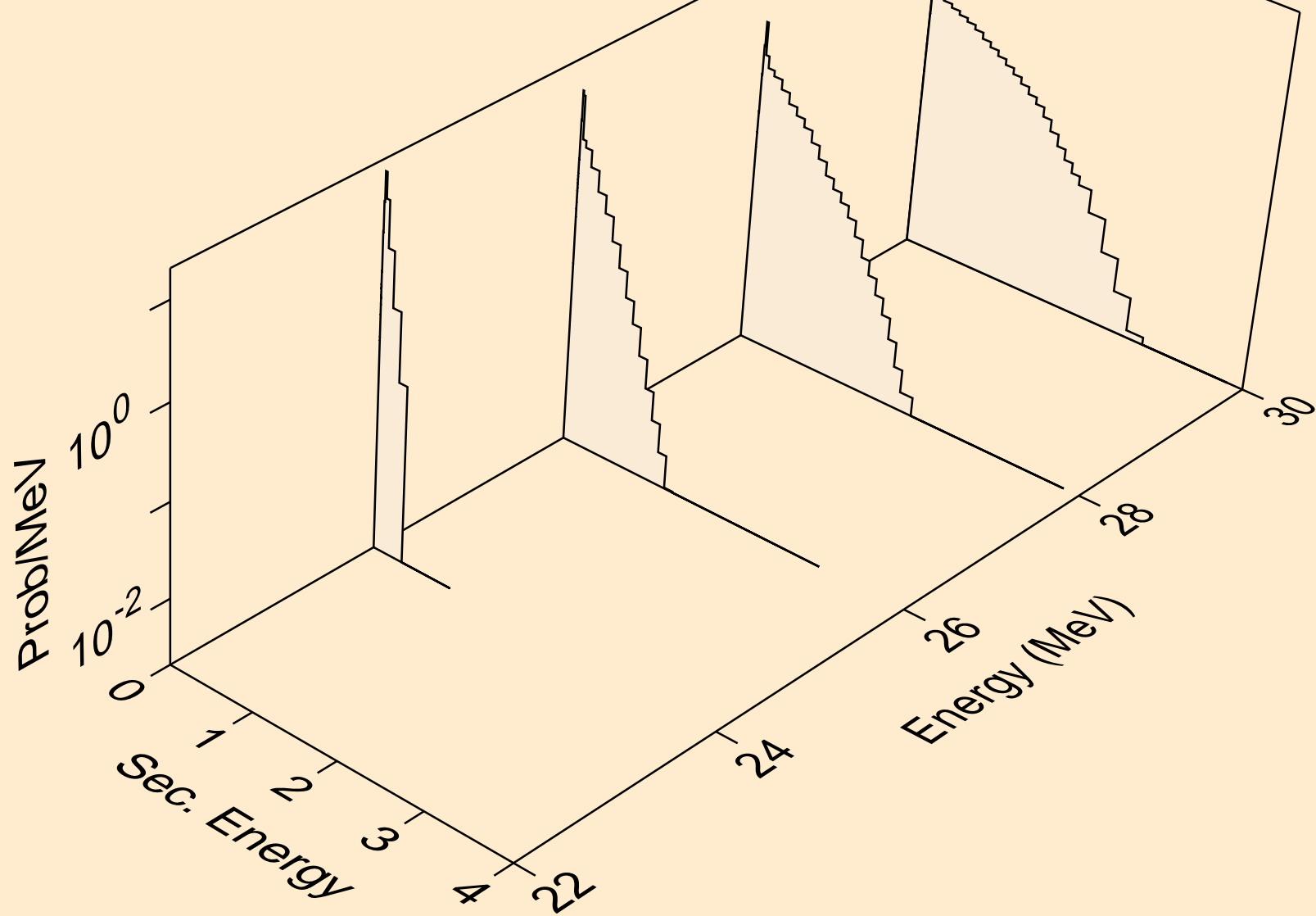
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



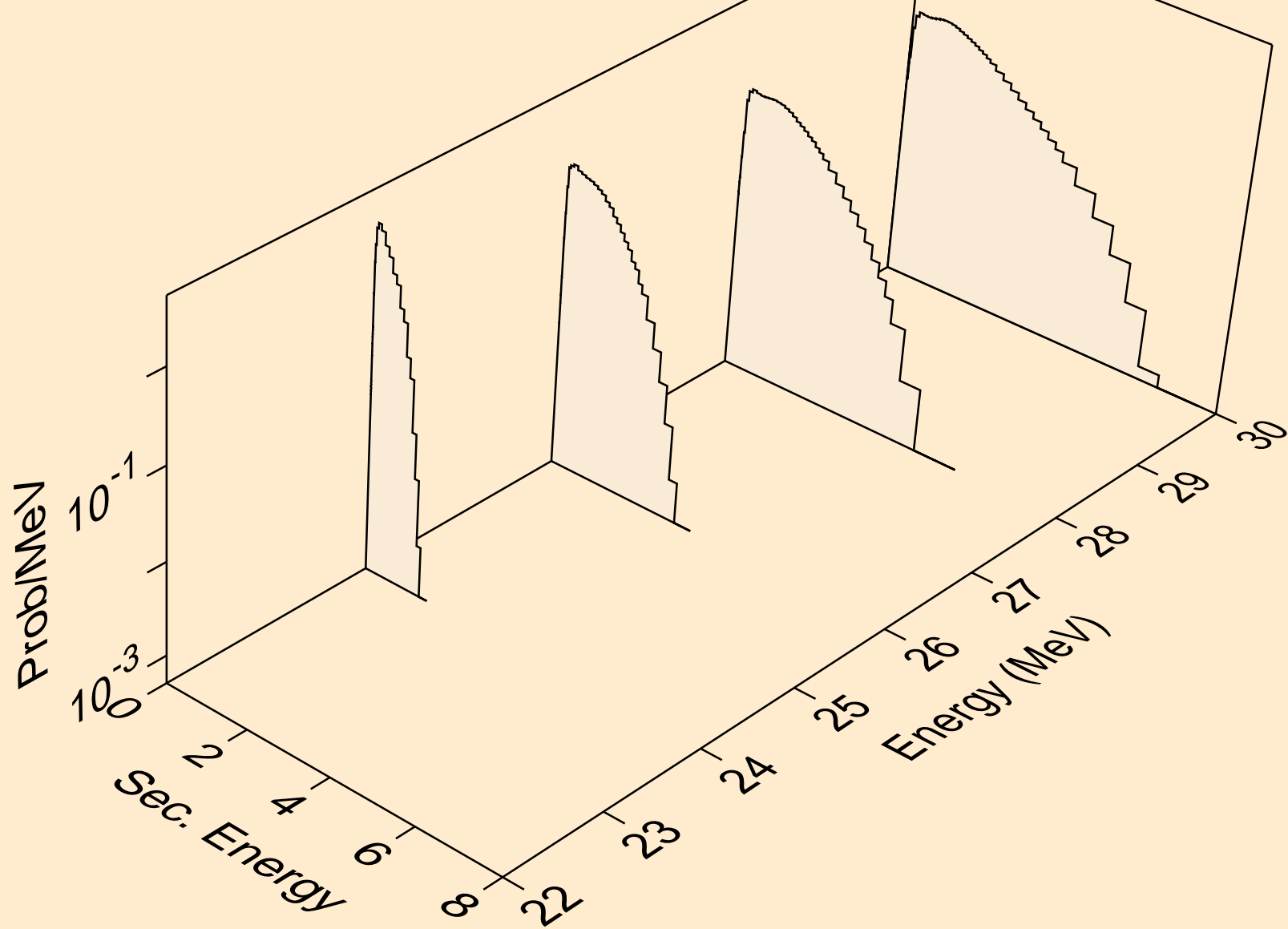
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



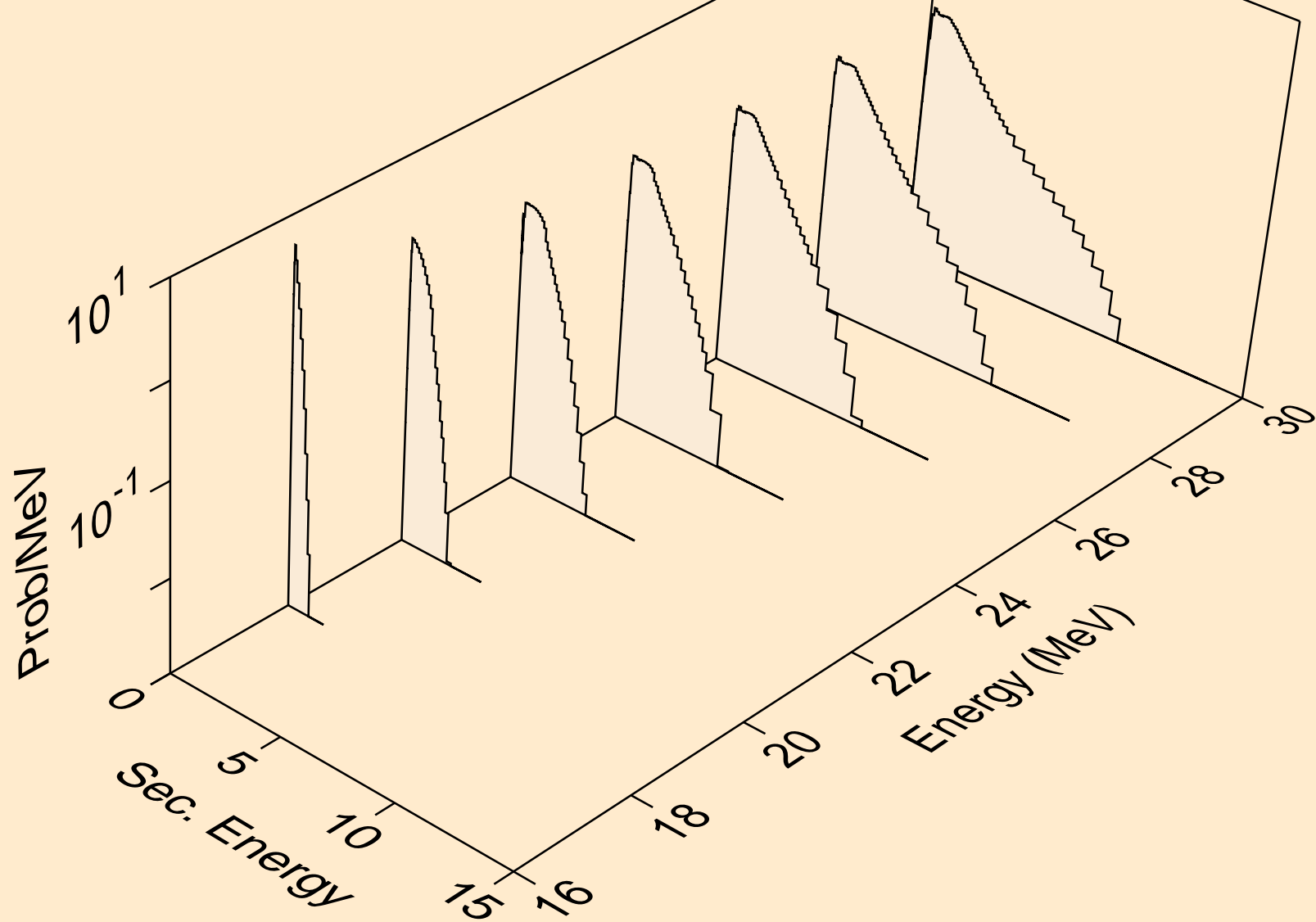
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

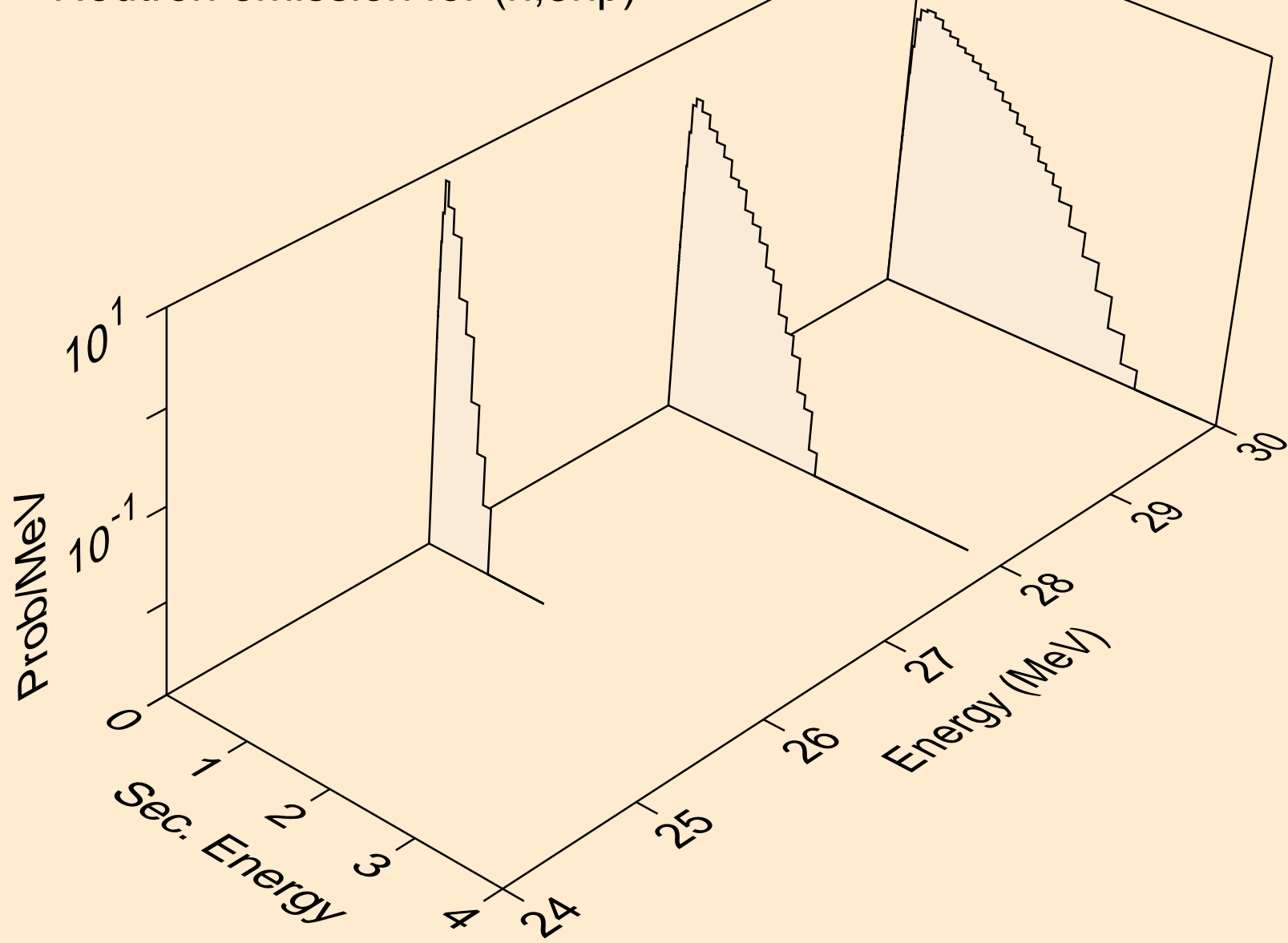


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

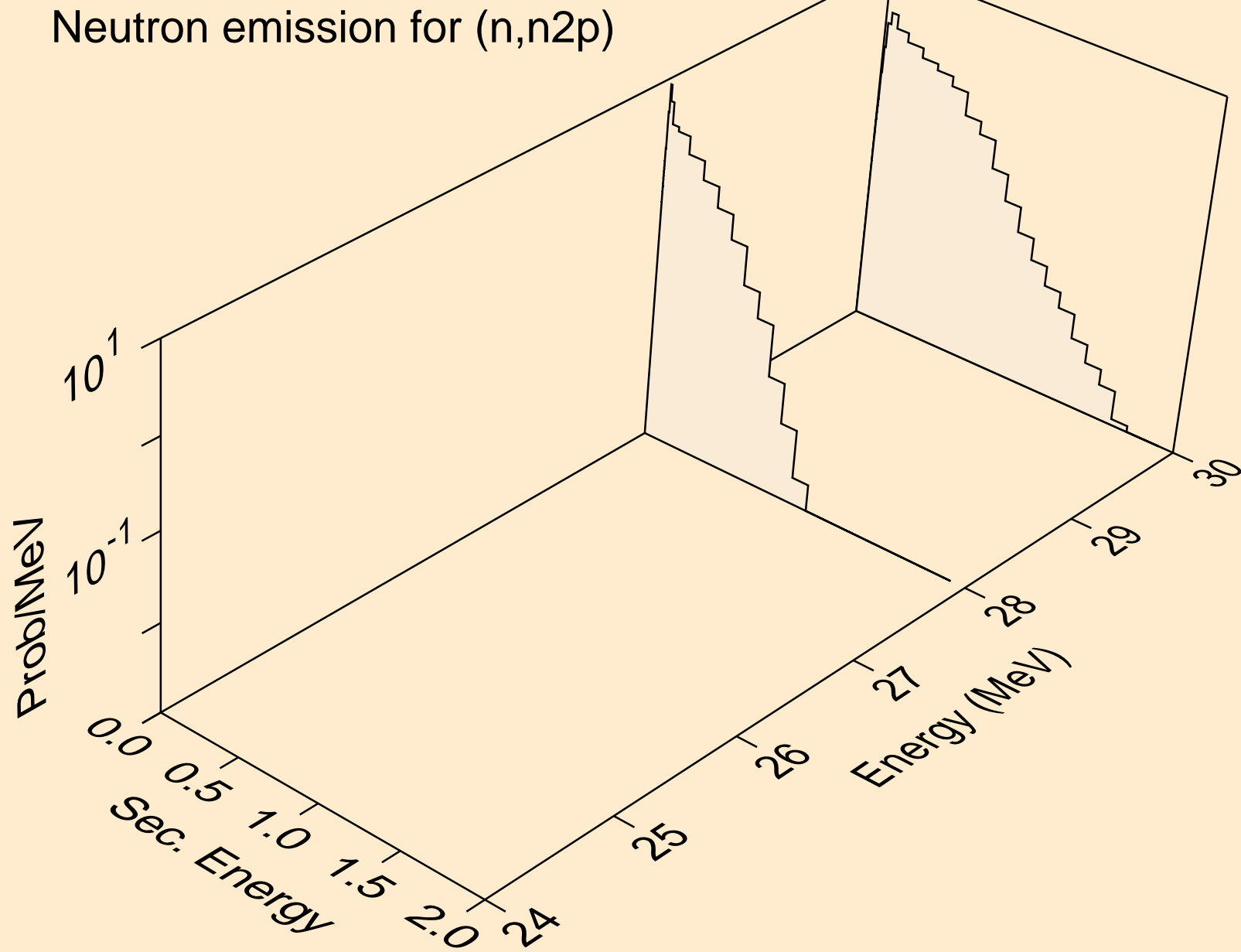




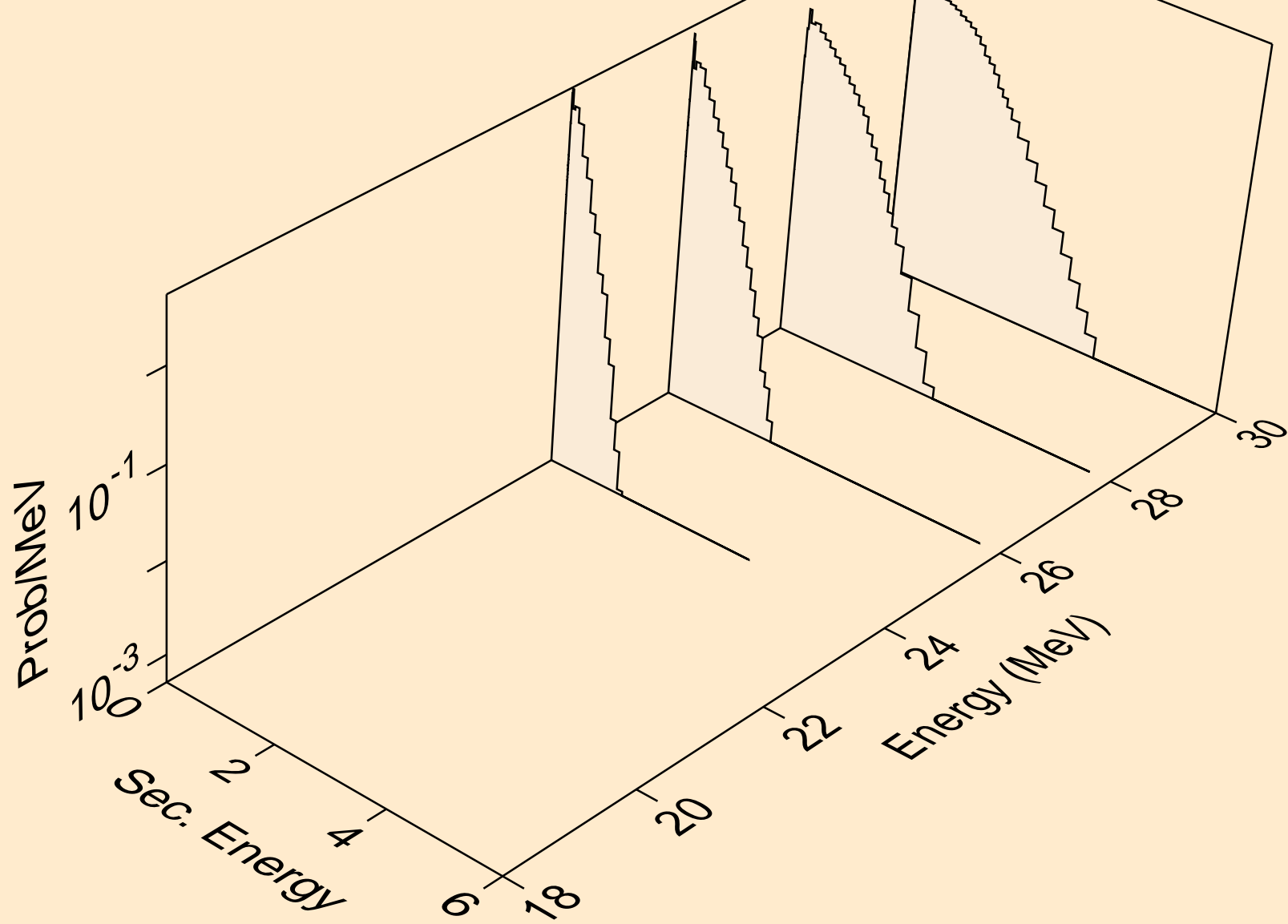
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



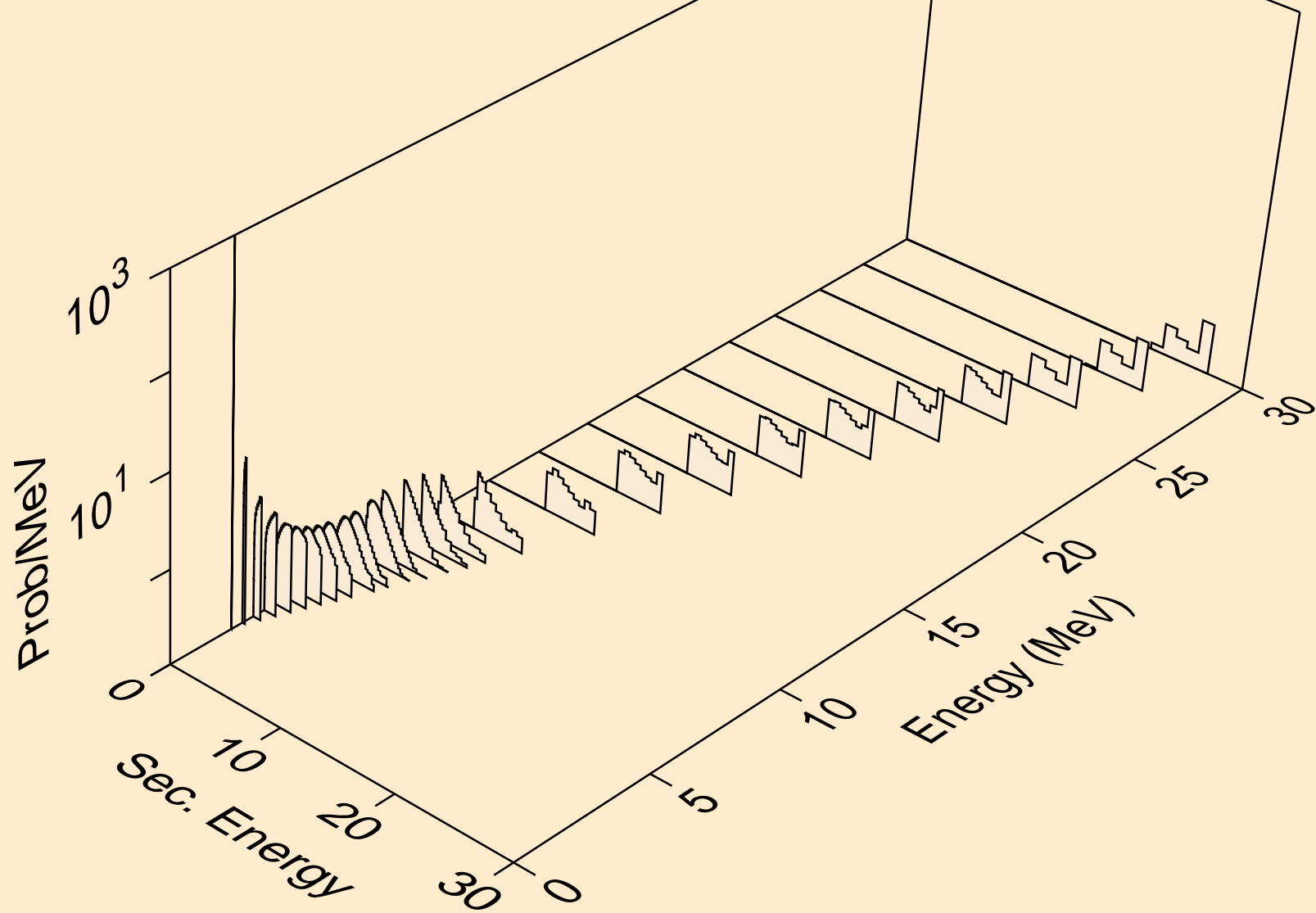
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



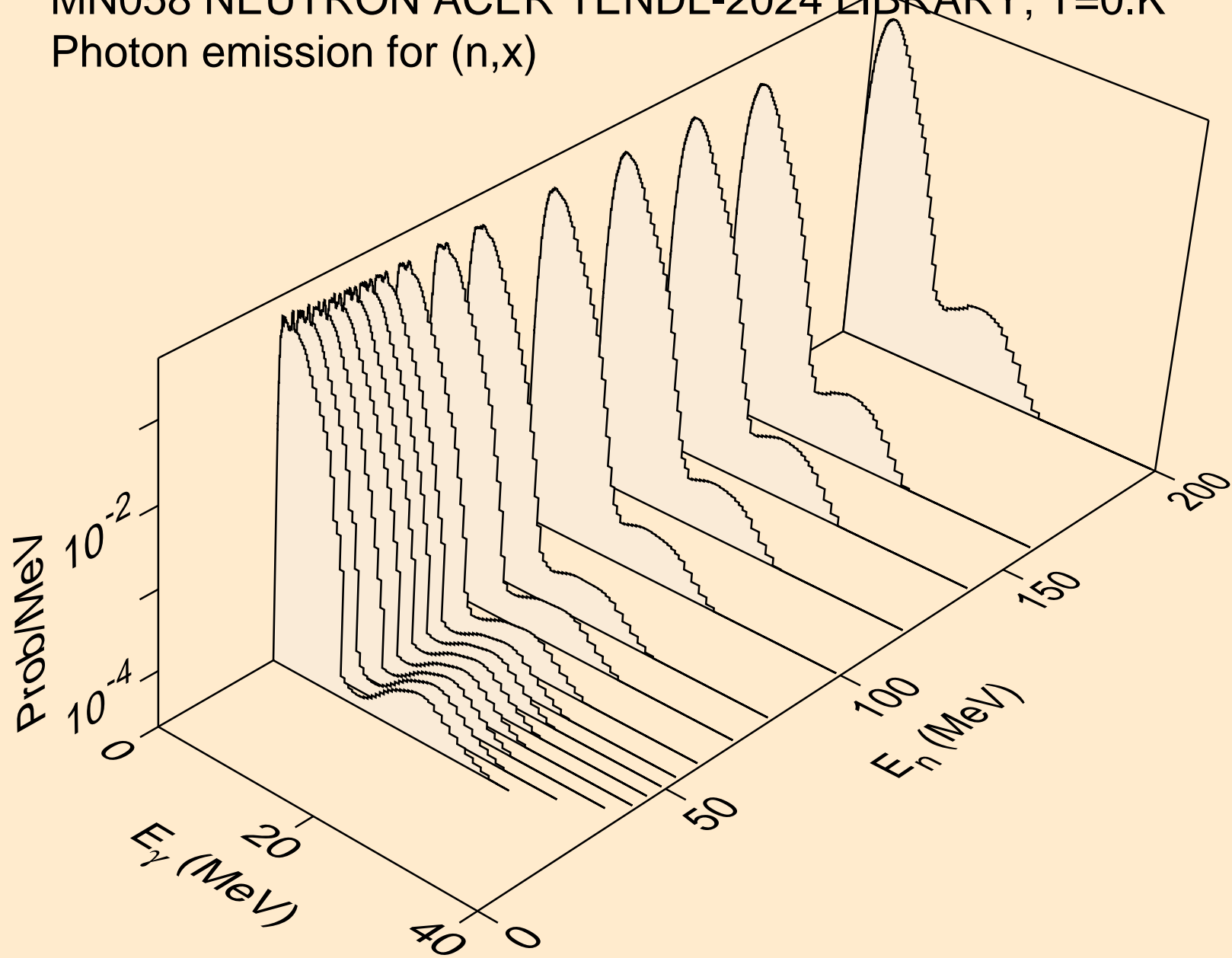
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



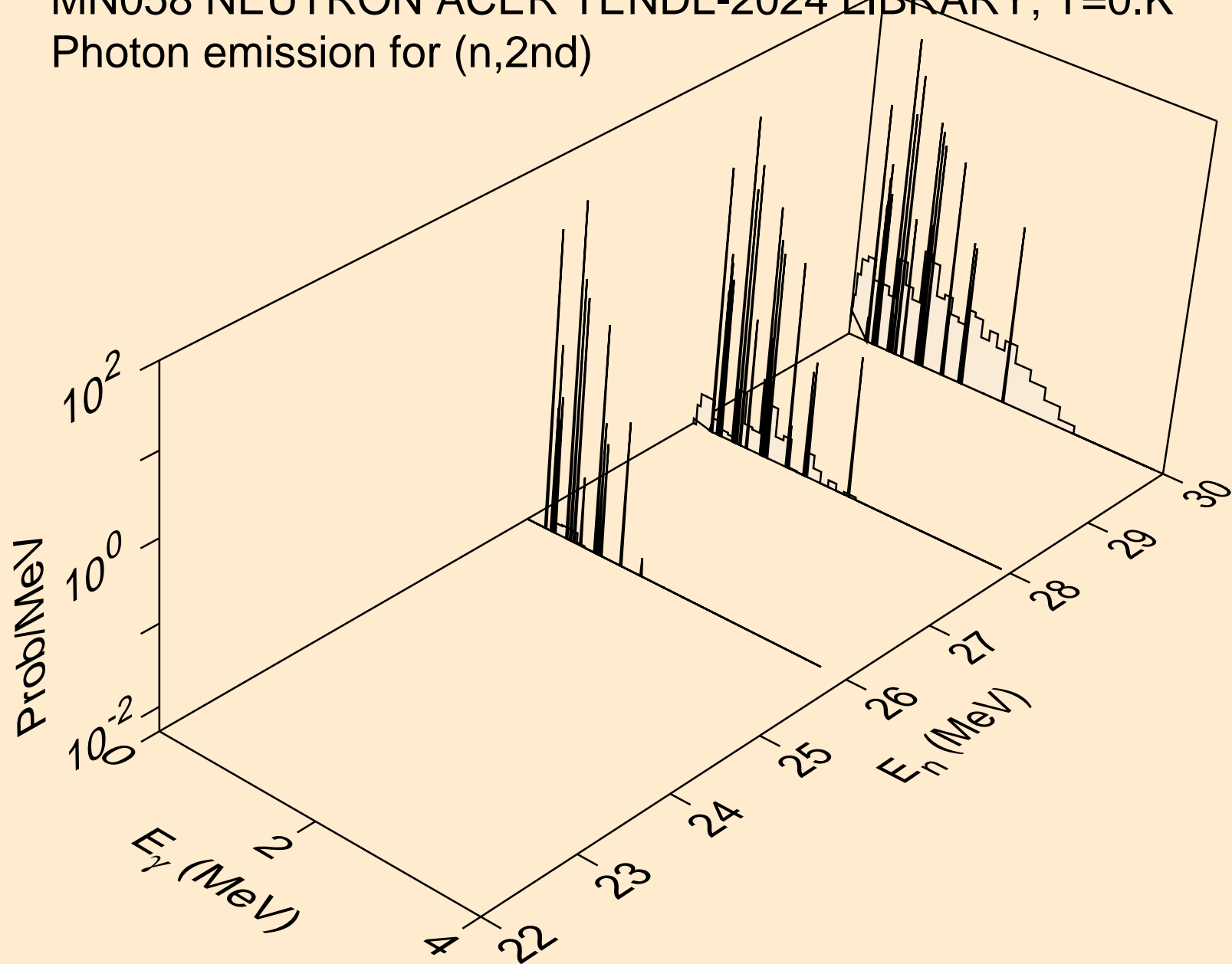
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



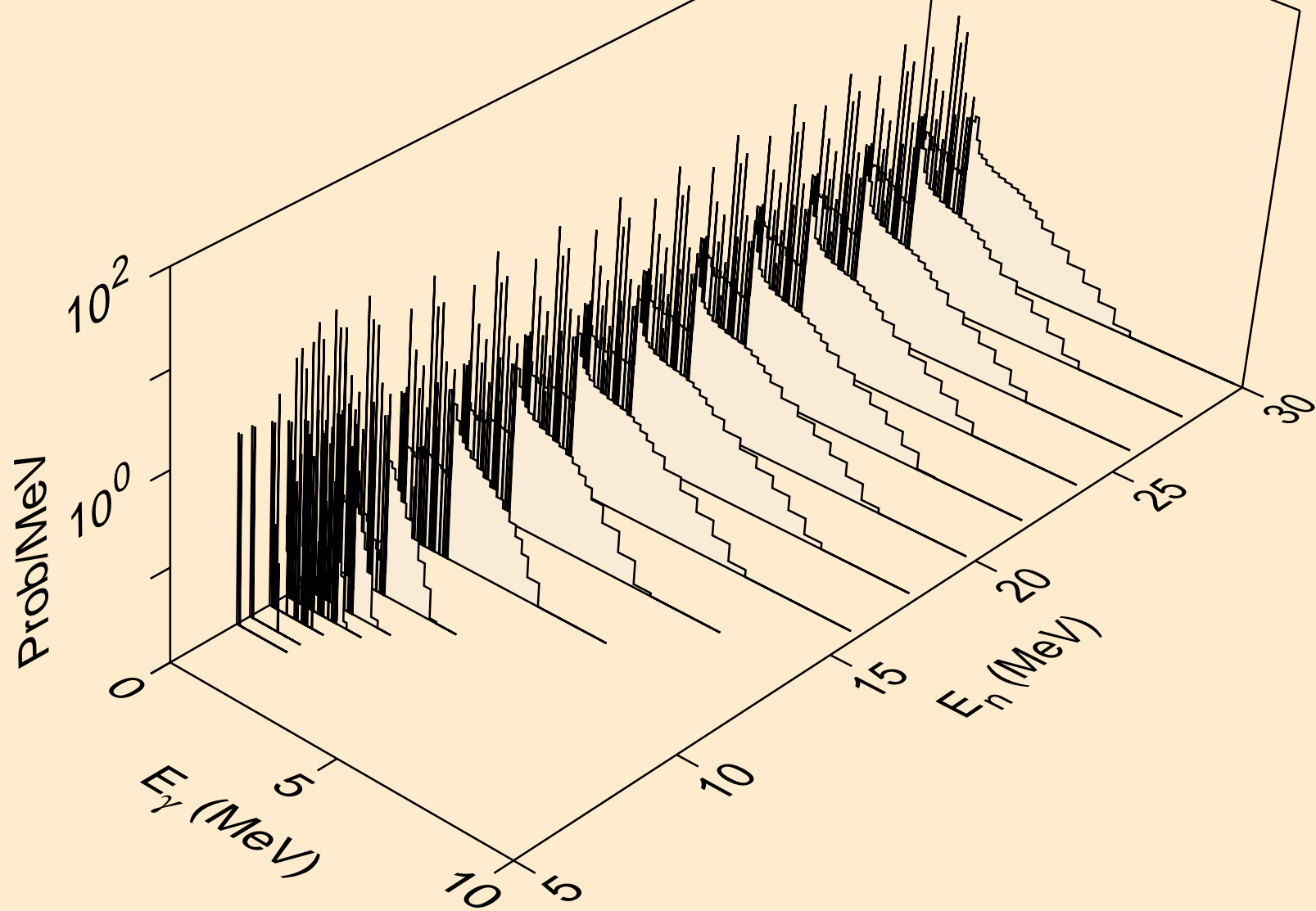
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



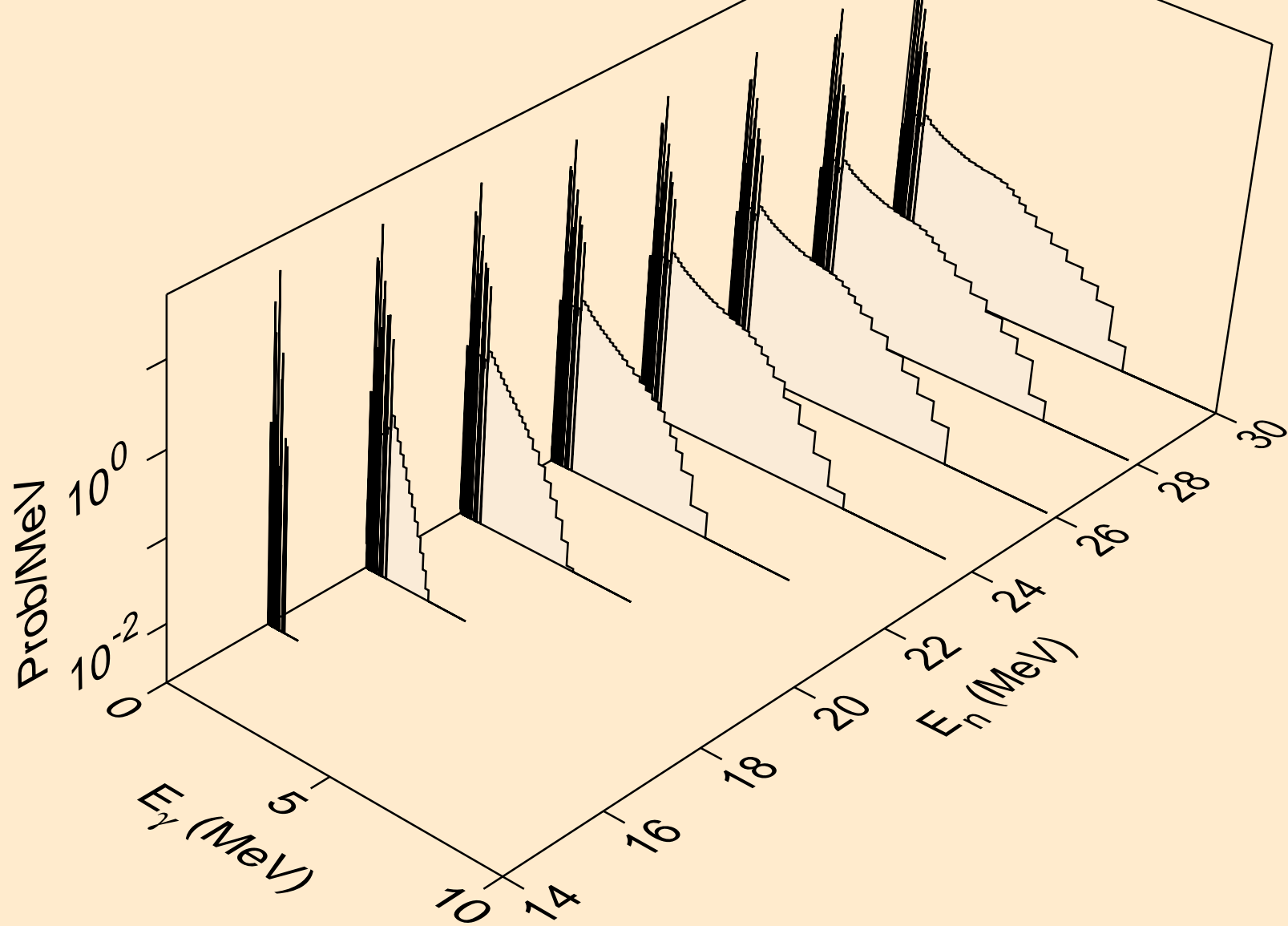
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

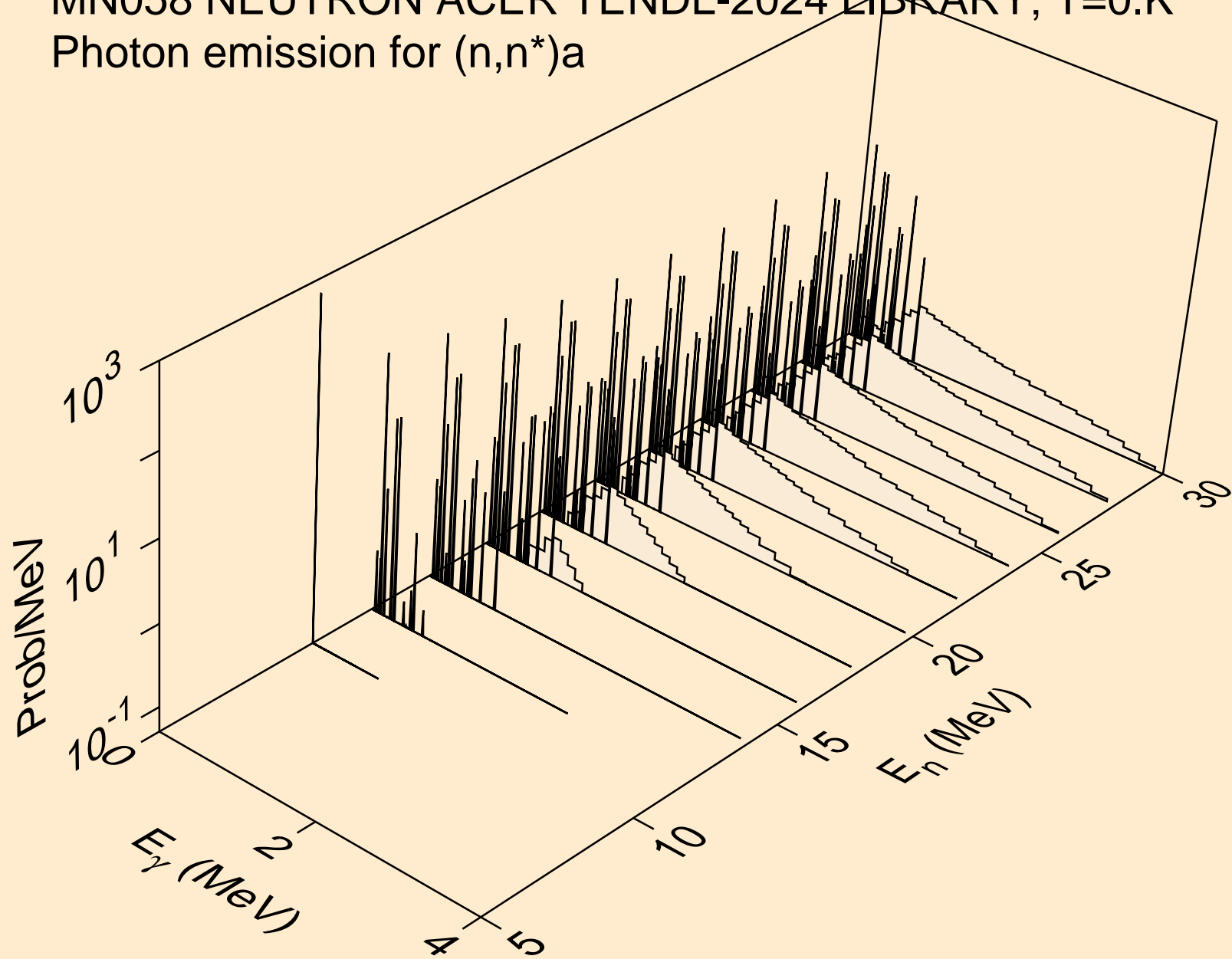


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

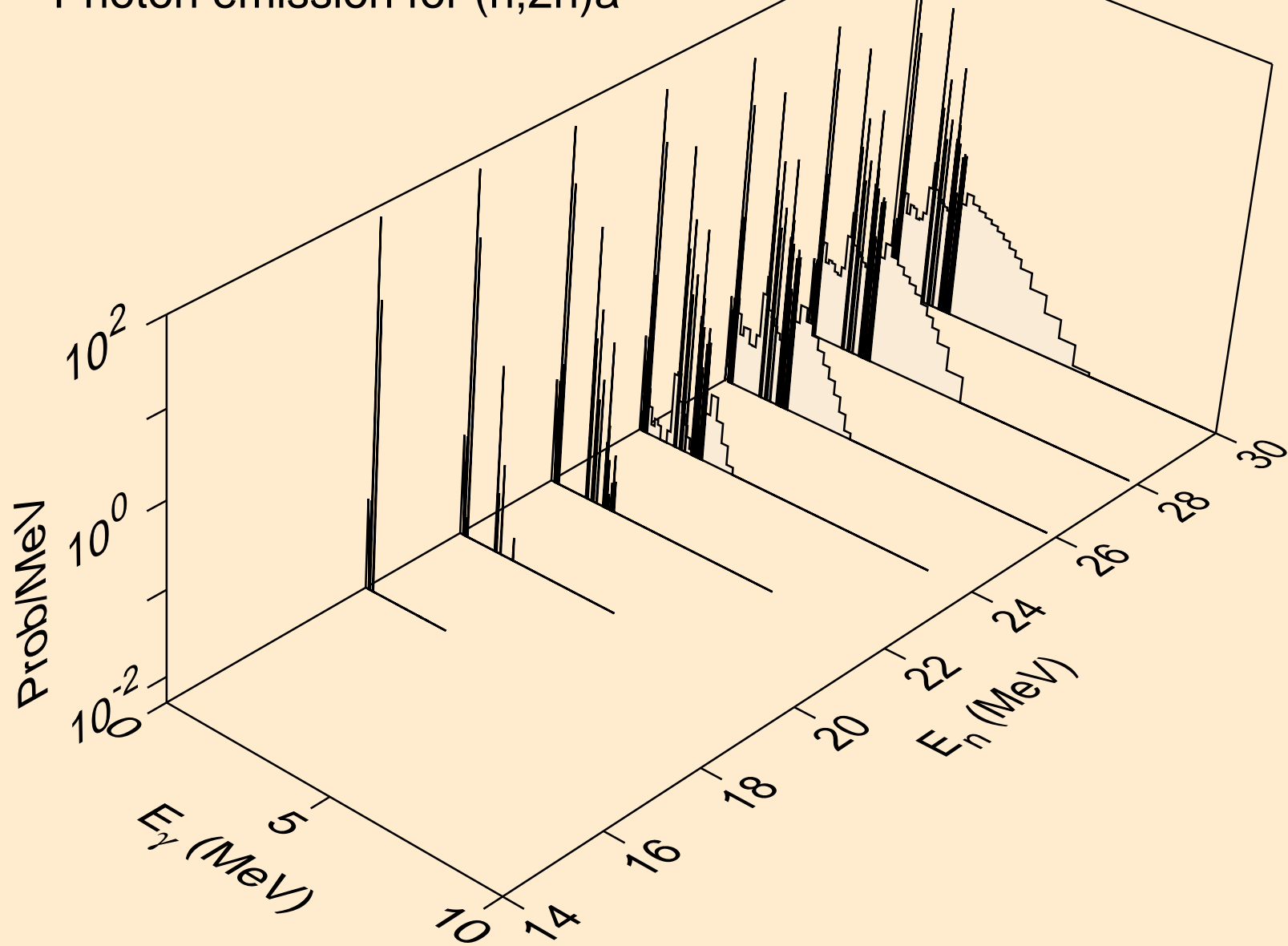




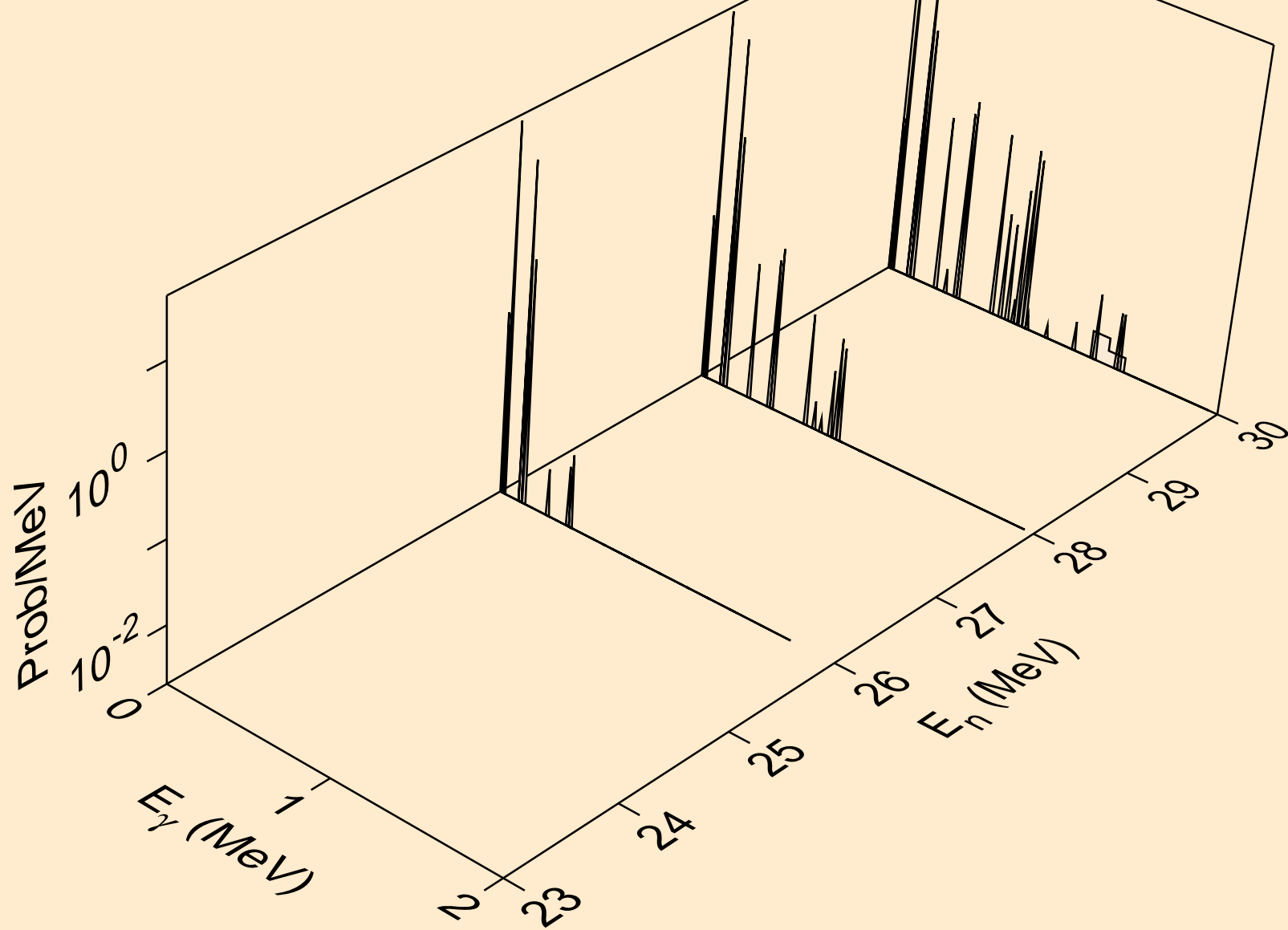
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



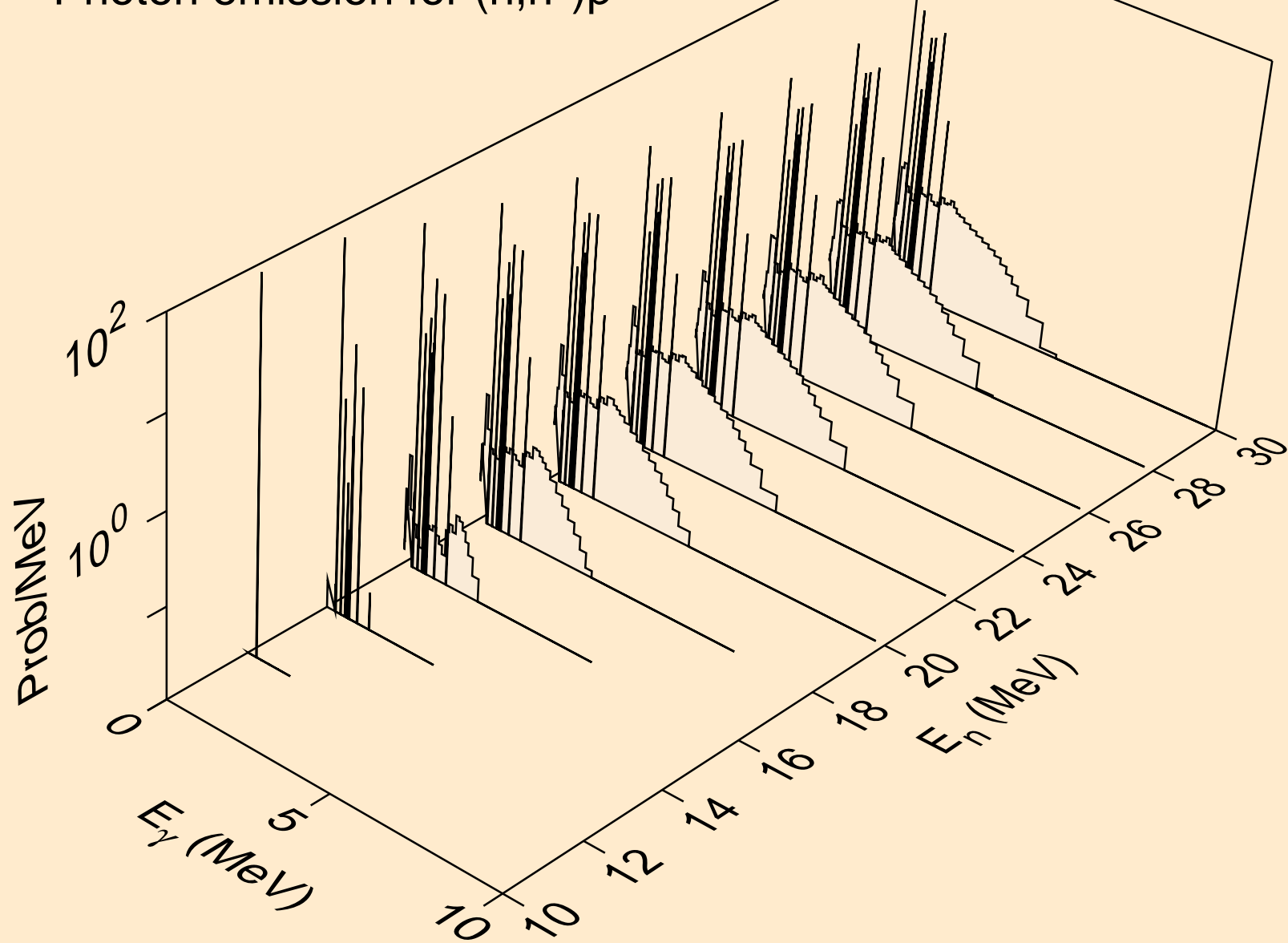
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



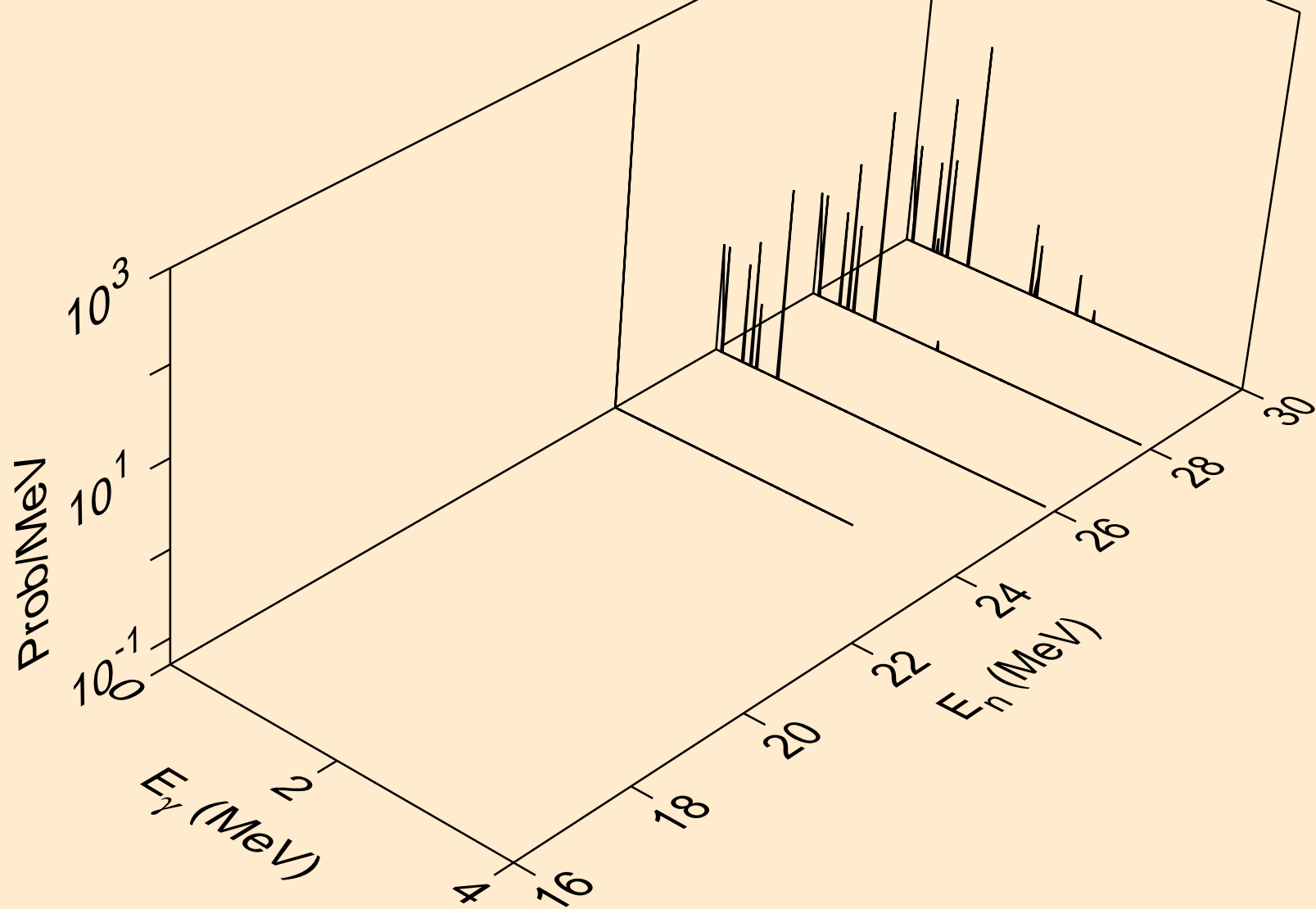
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



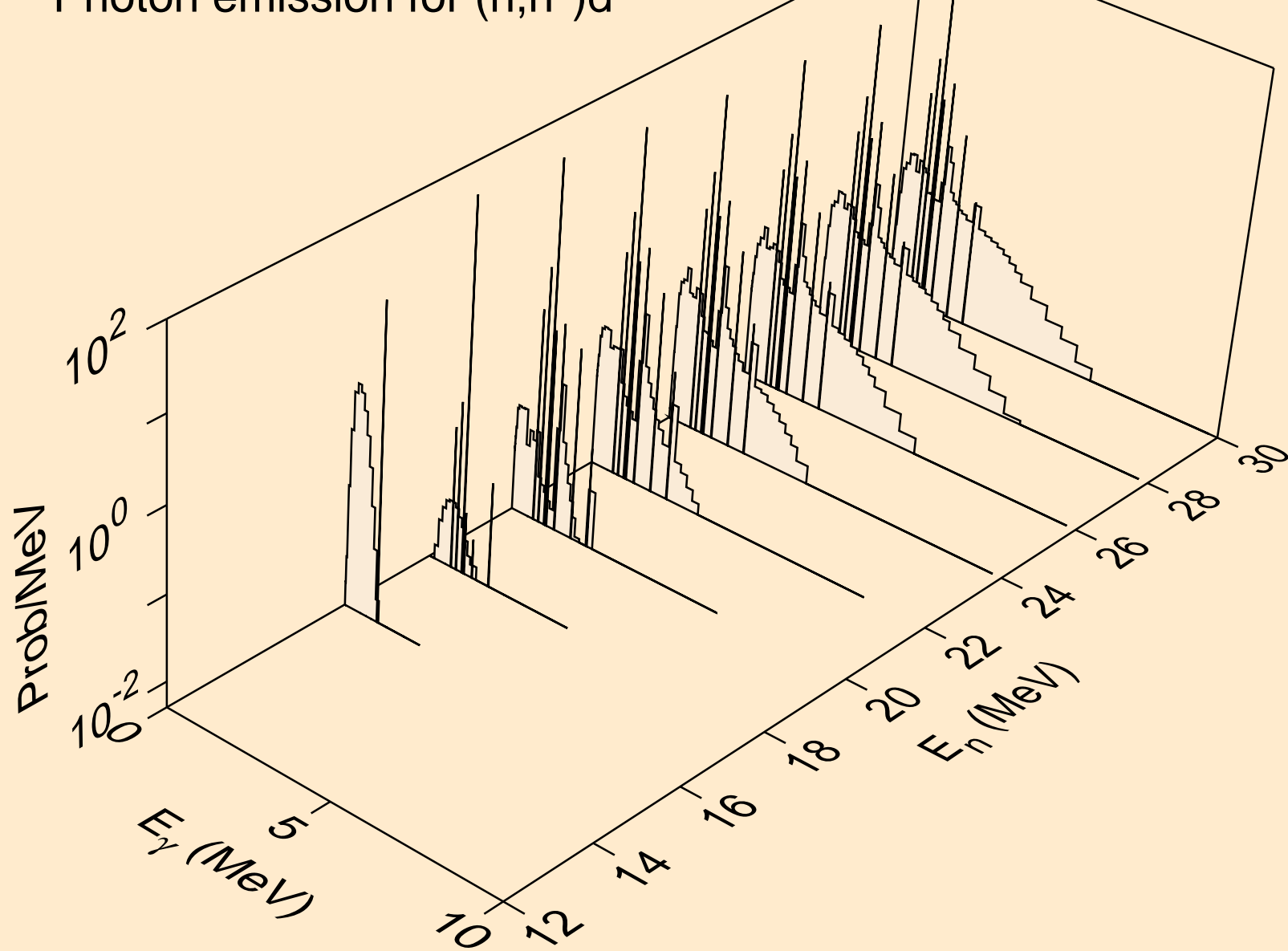
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



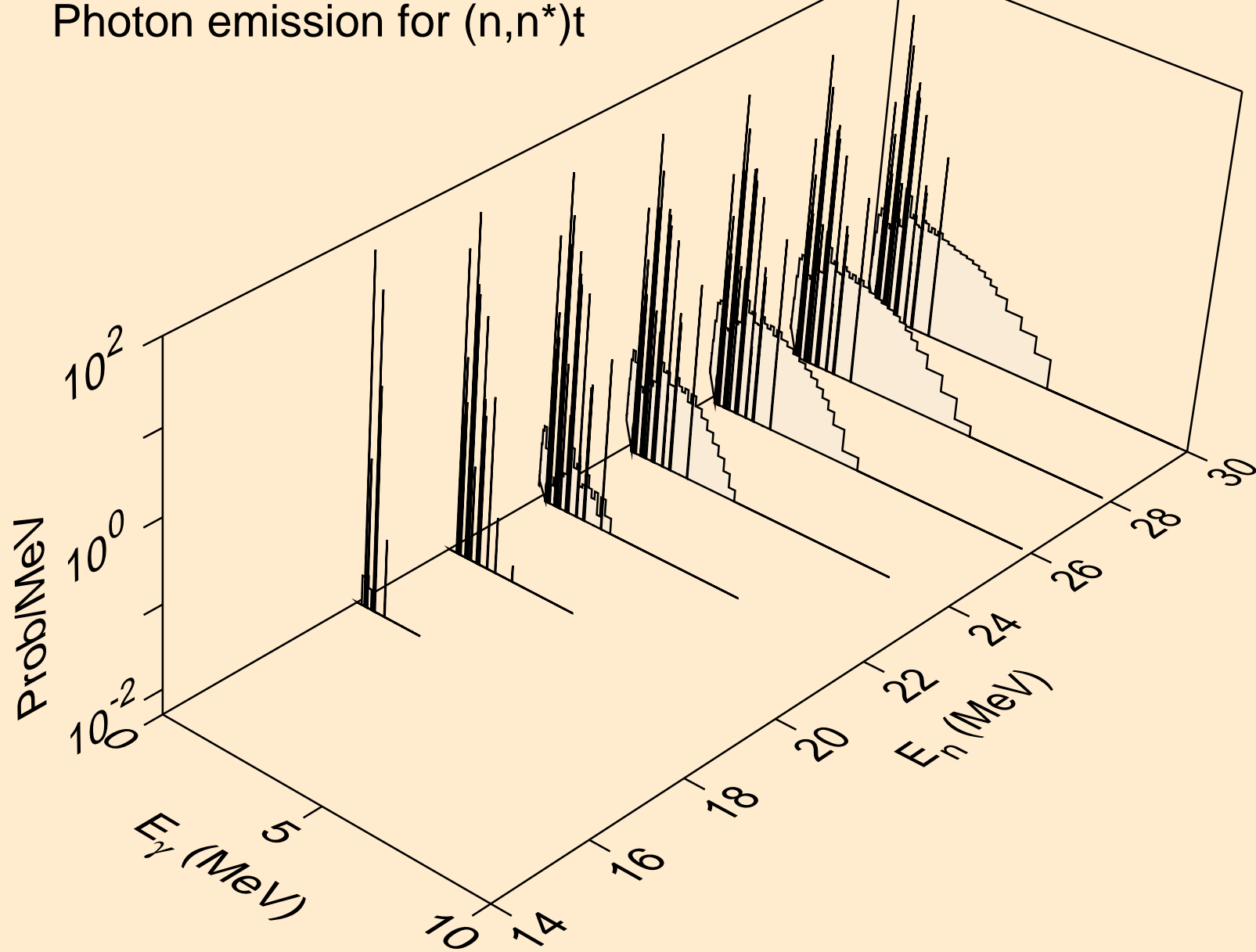
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



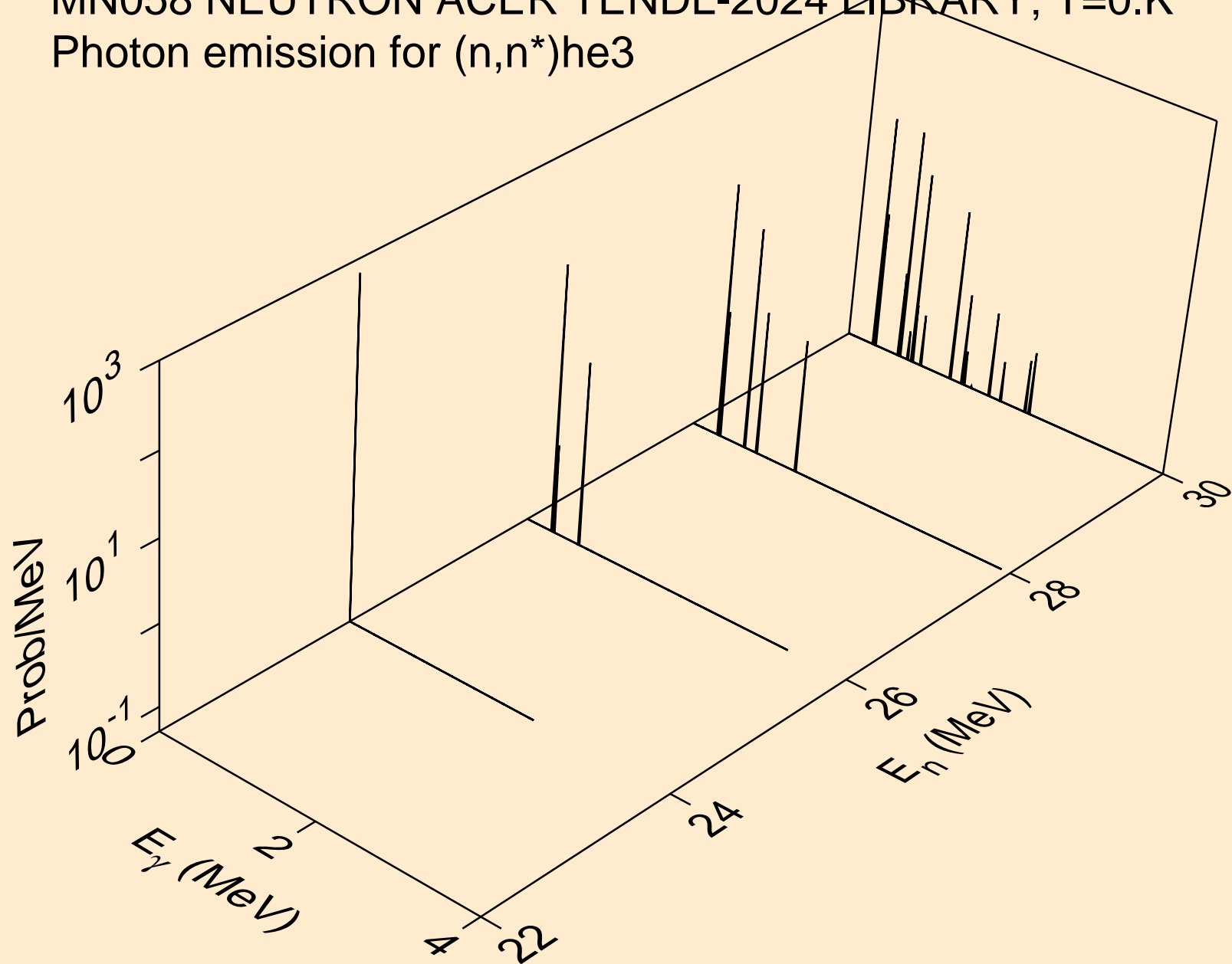
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

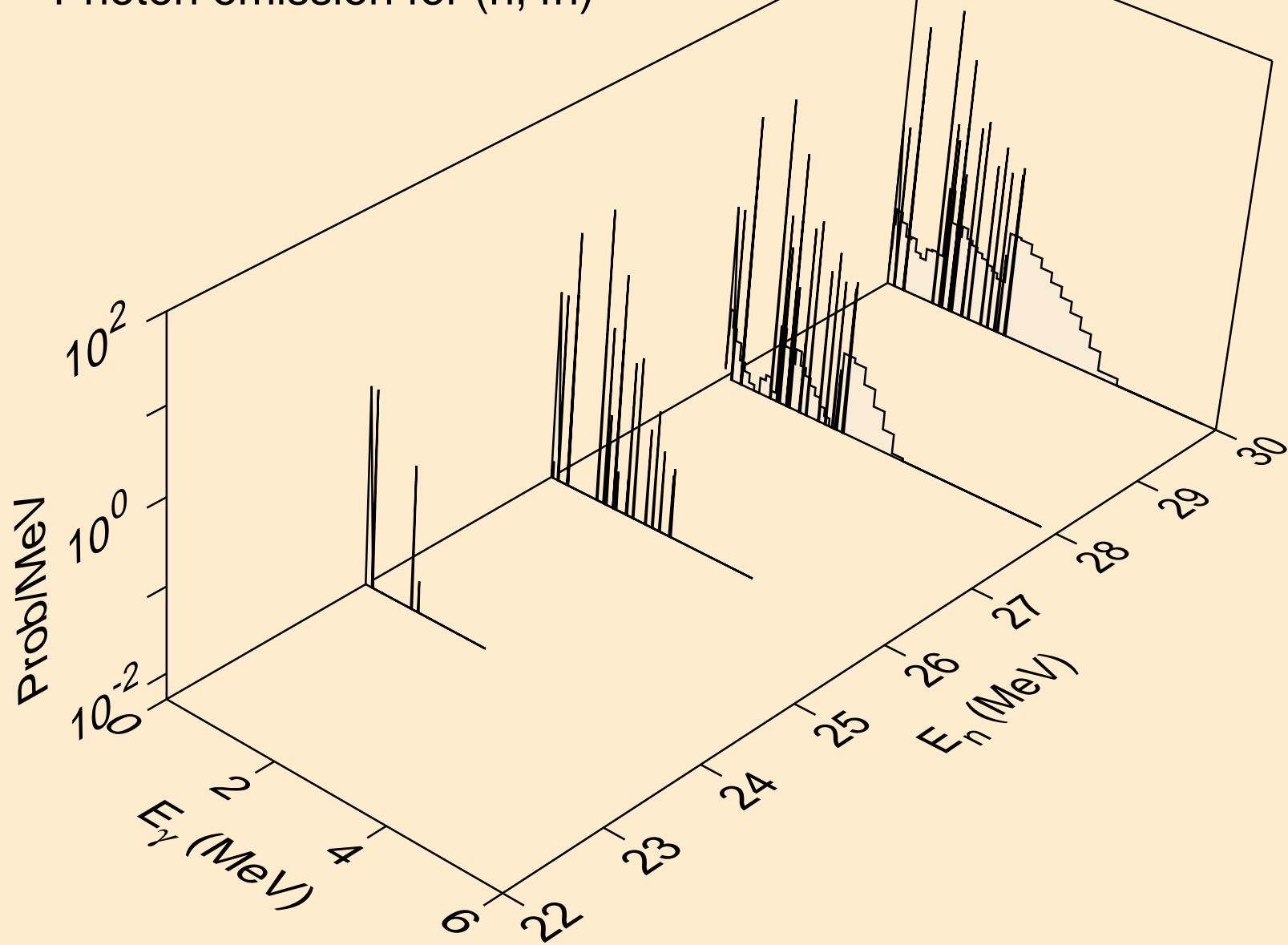


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

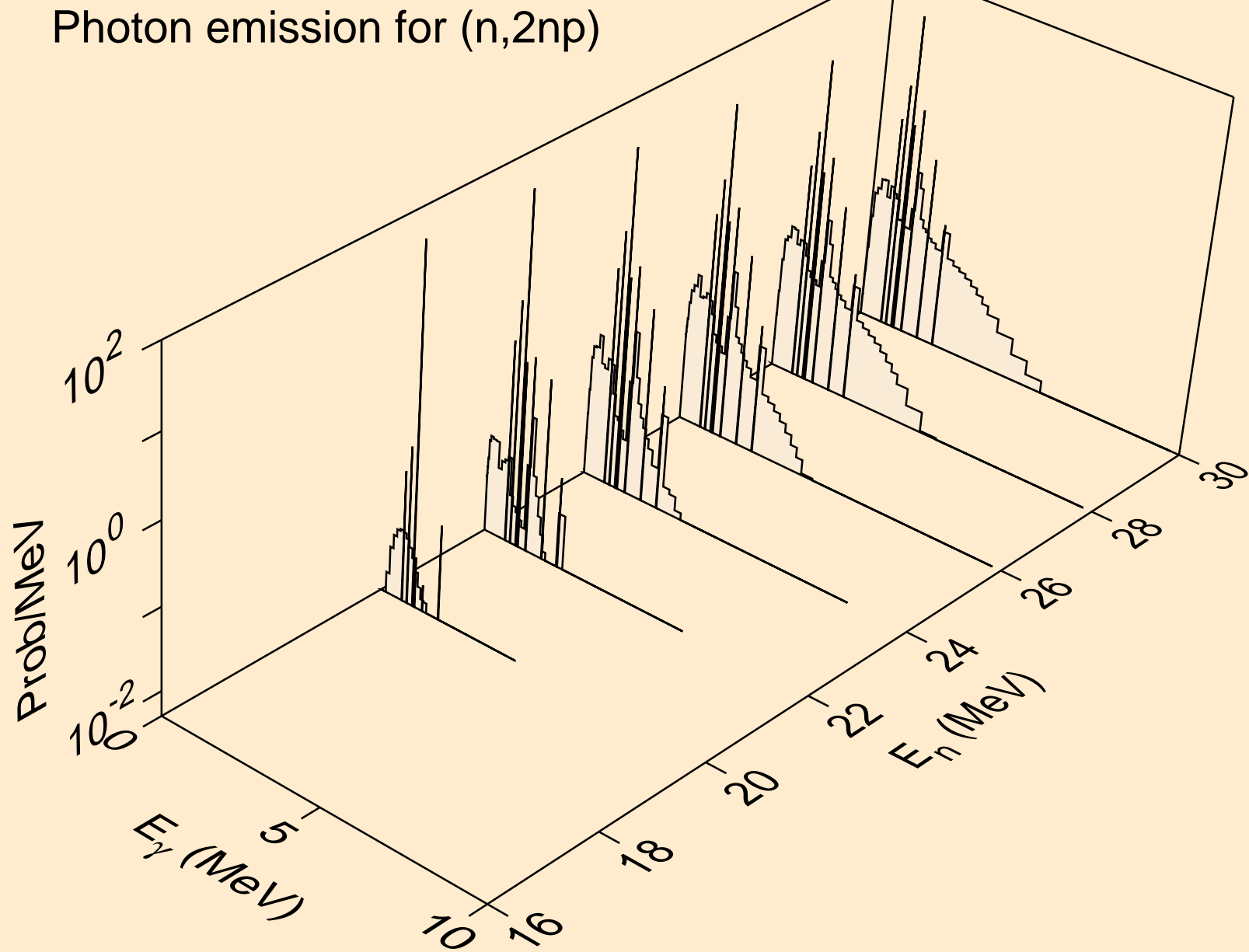




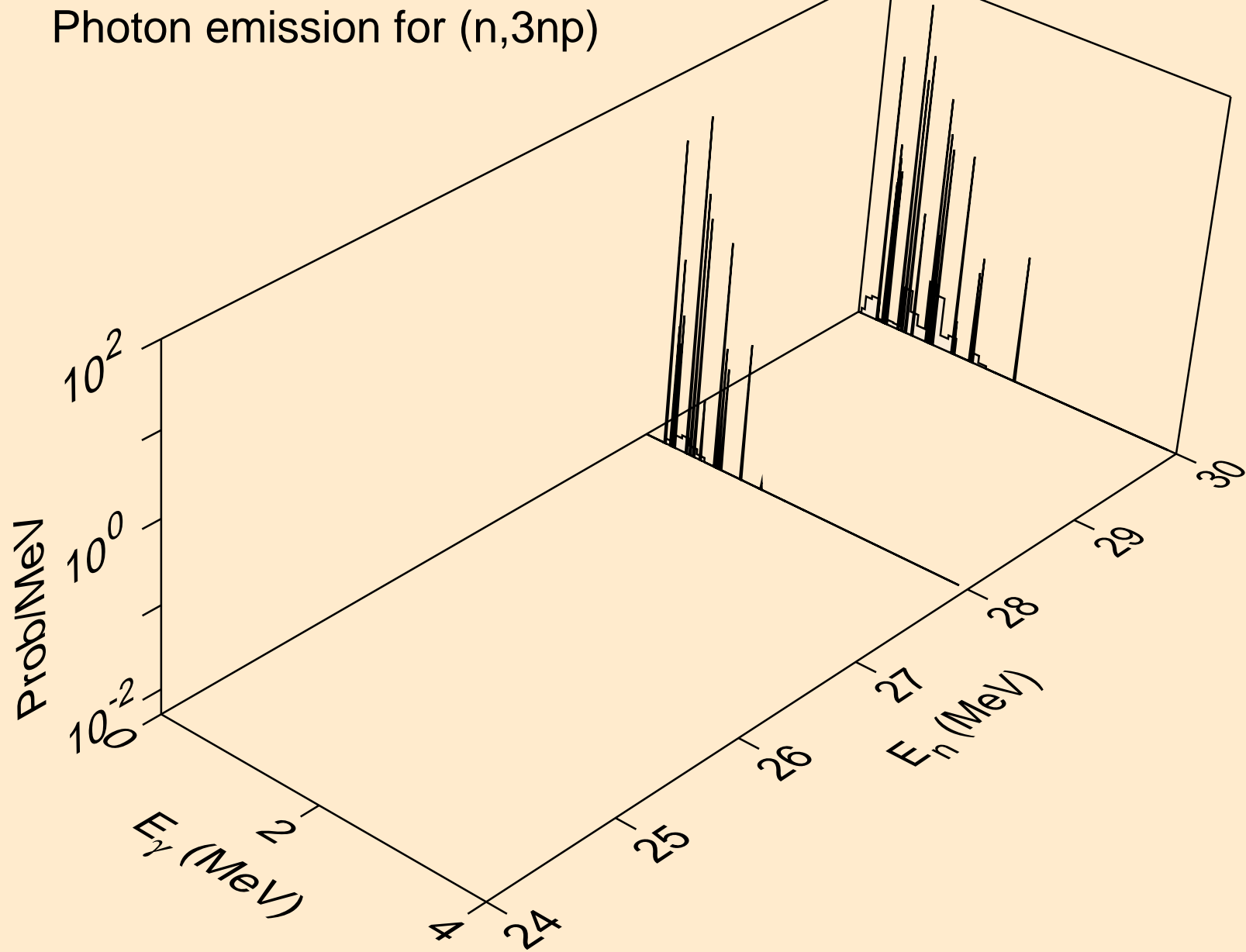
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



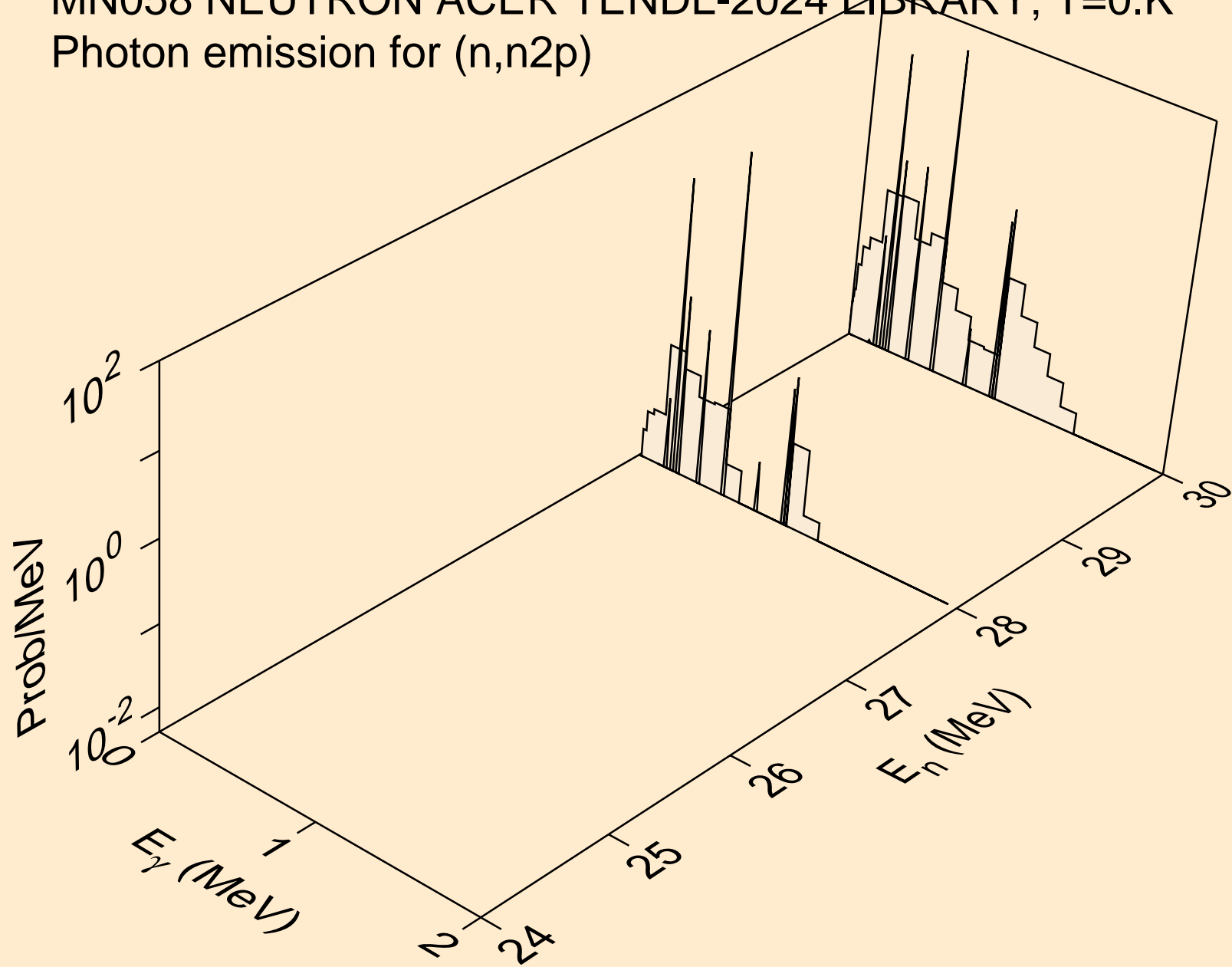
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



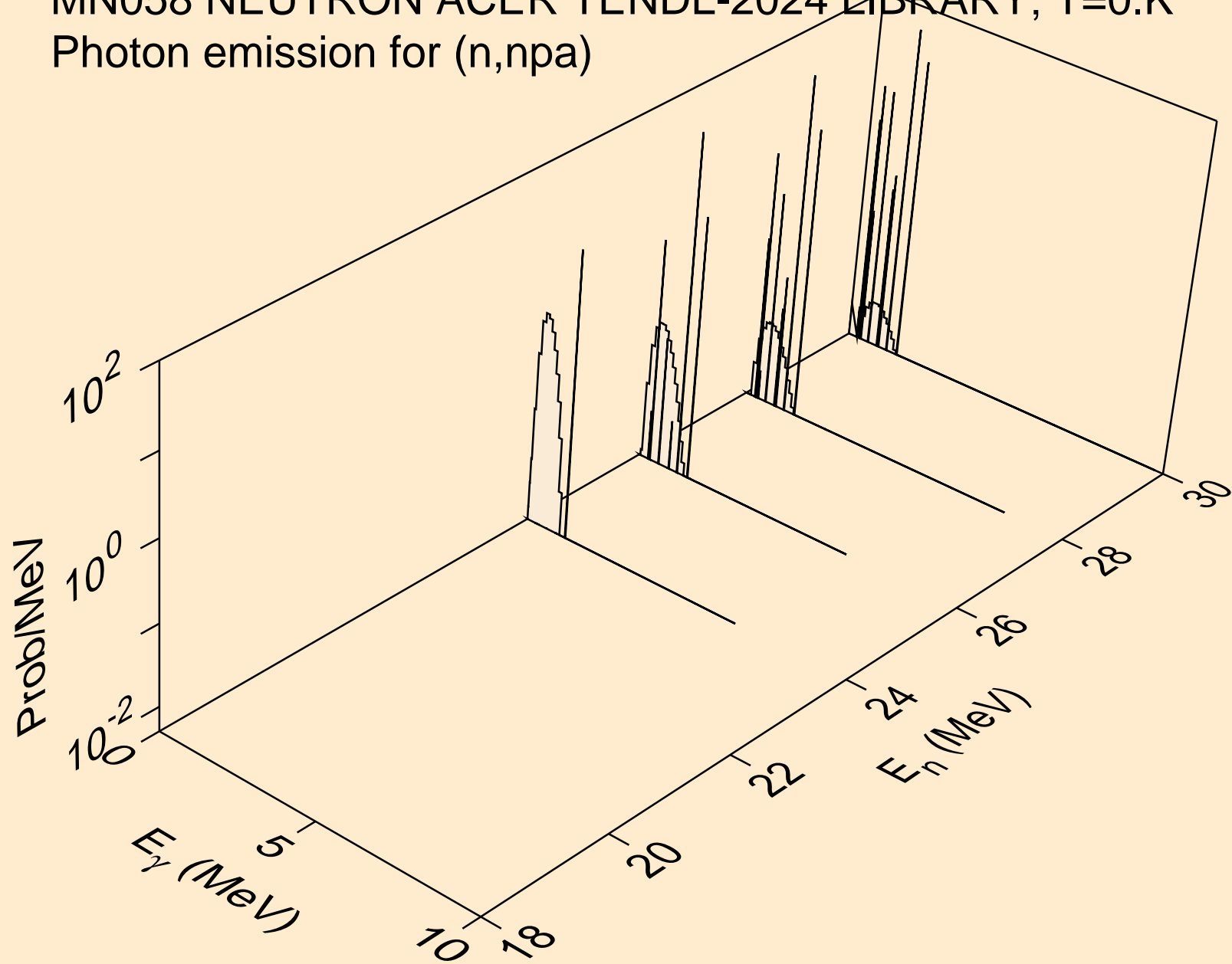
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Photon emission for (n,3np)



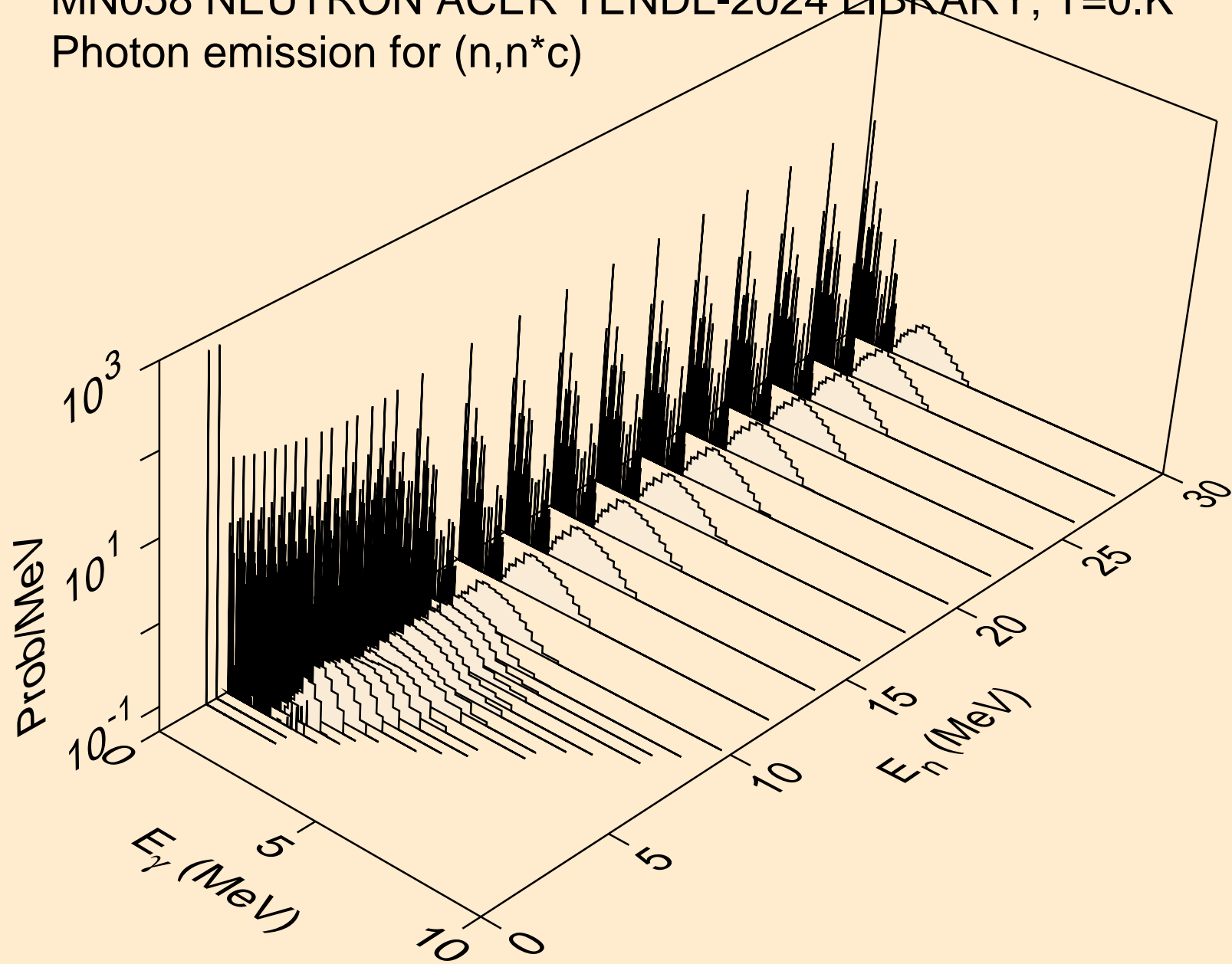
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



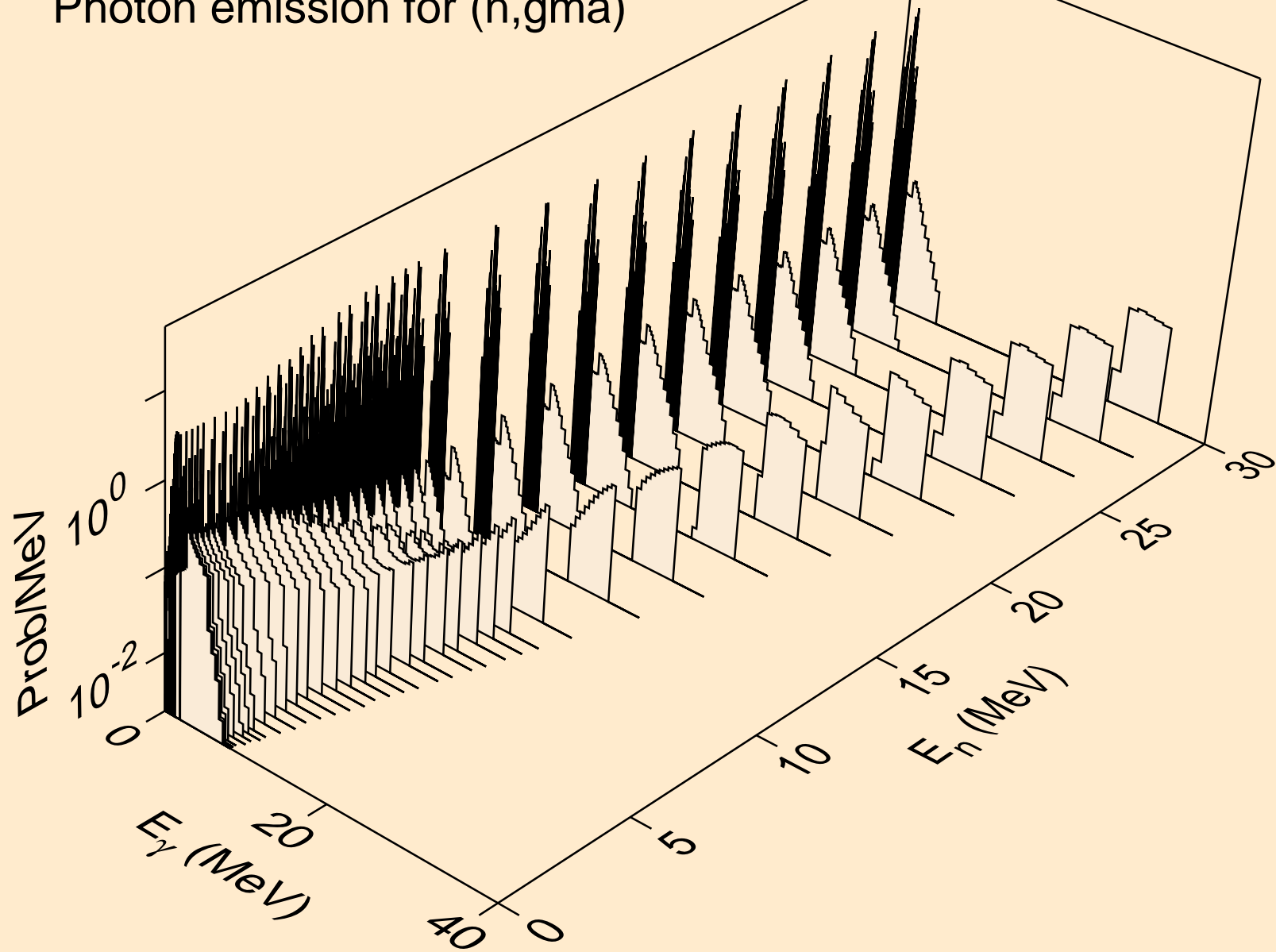
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



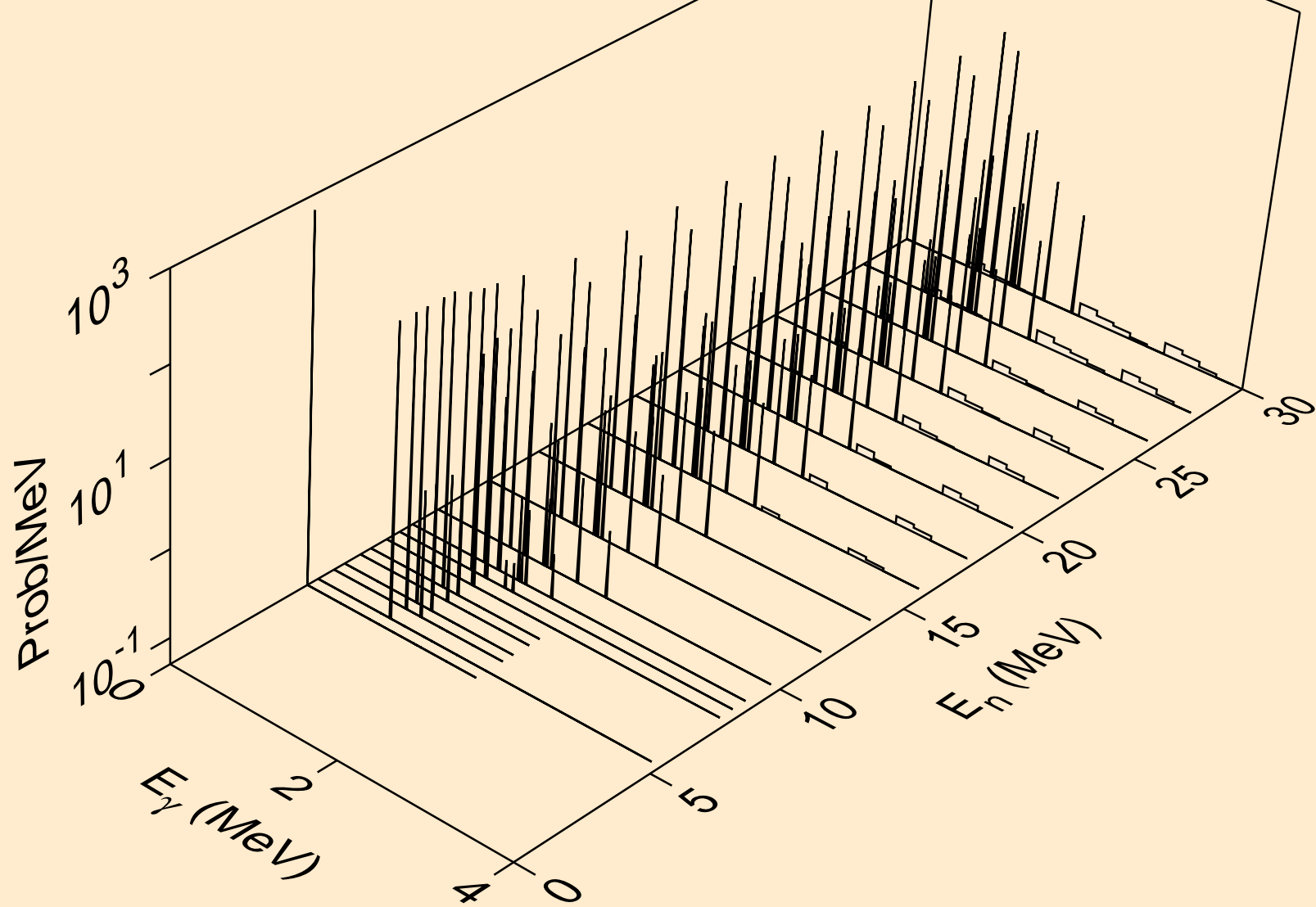
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

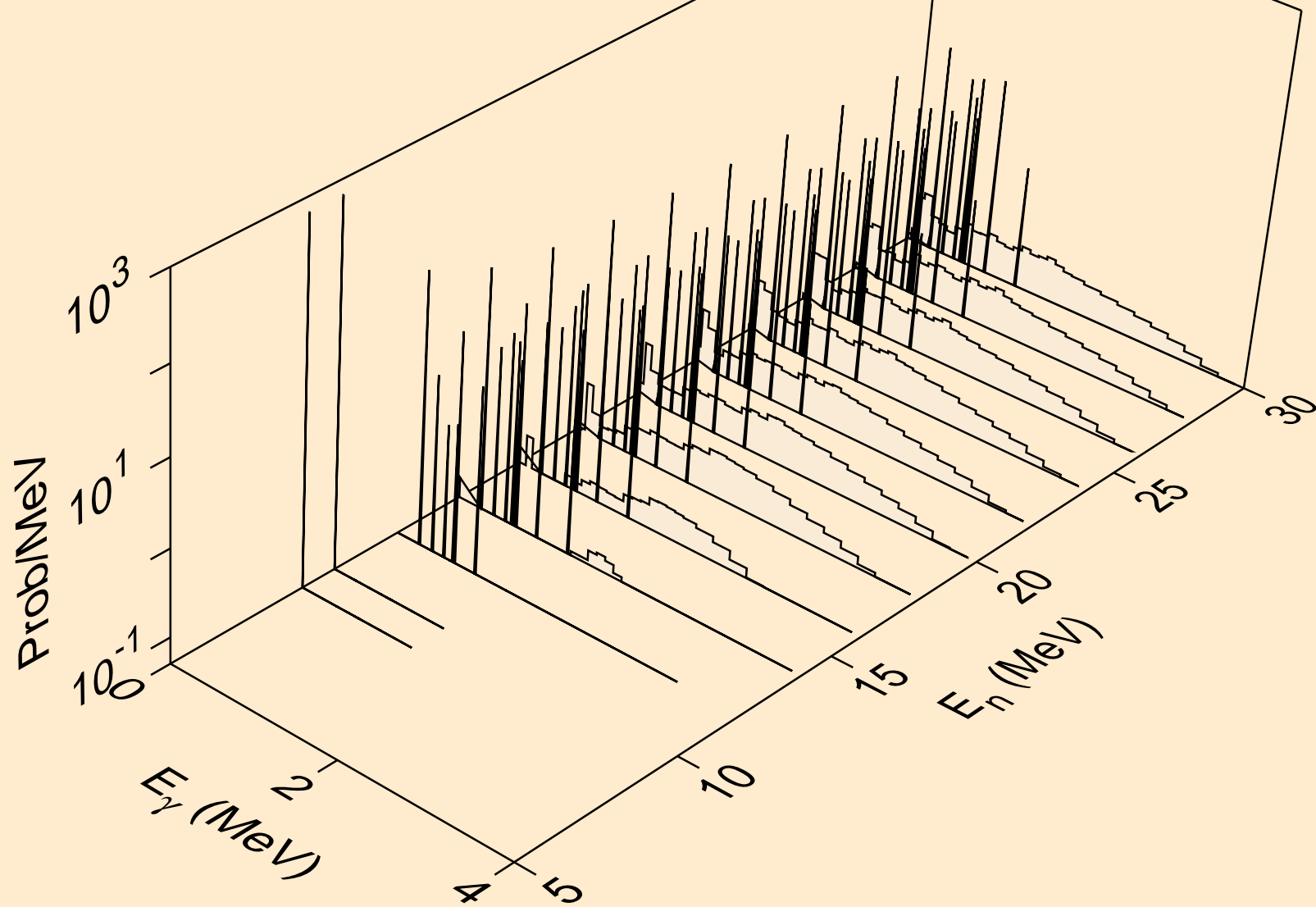


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

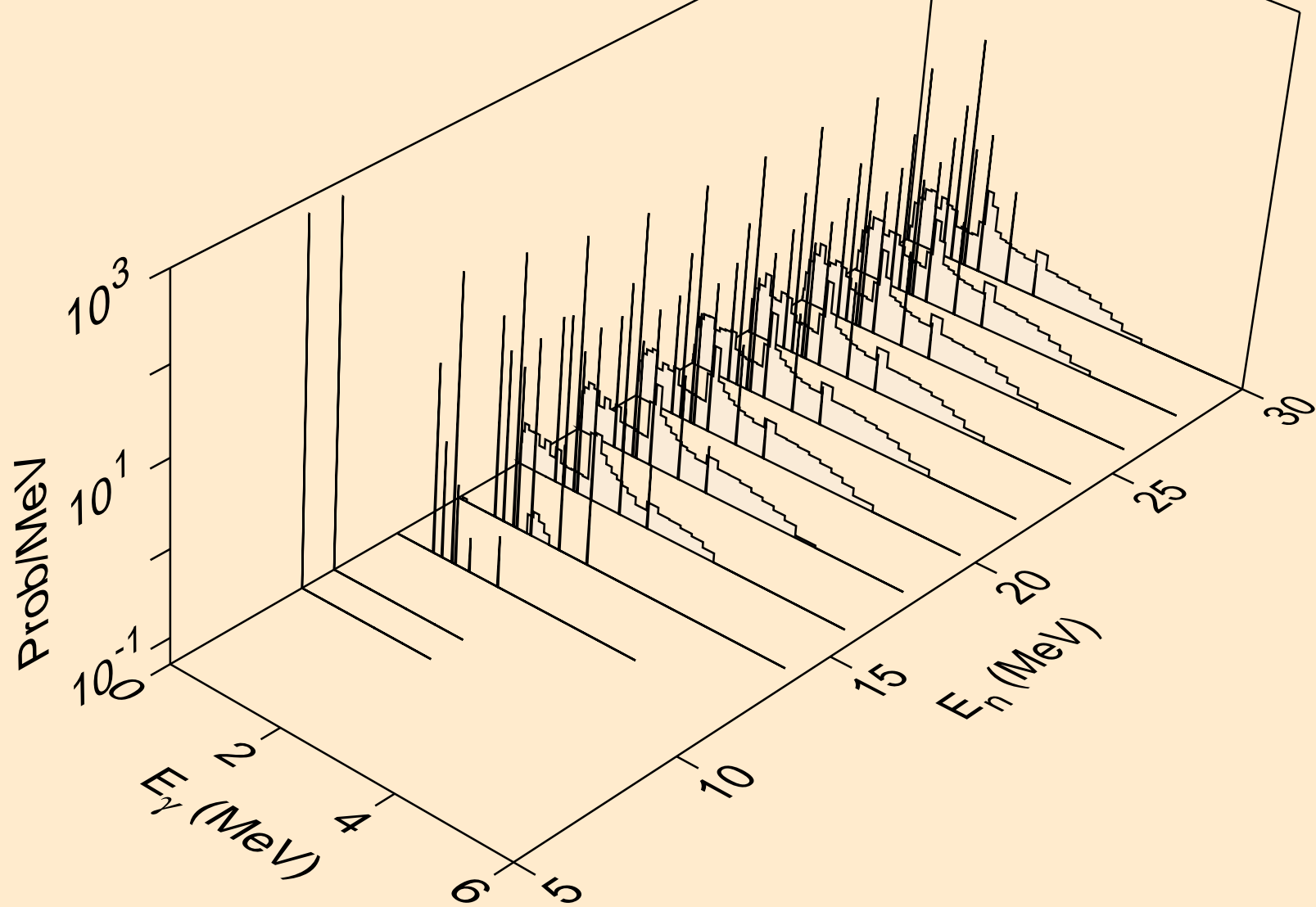




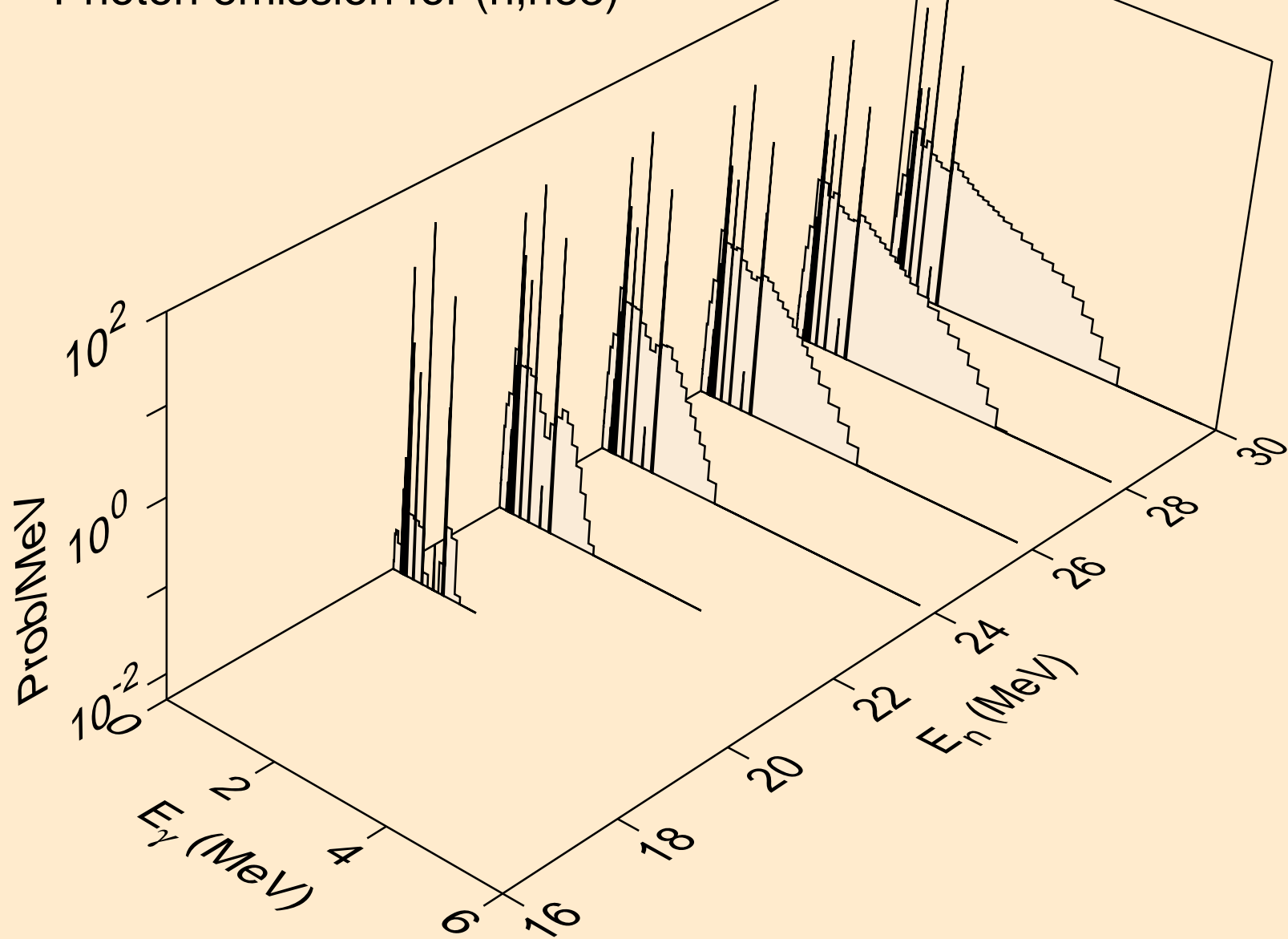
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



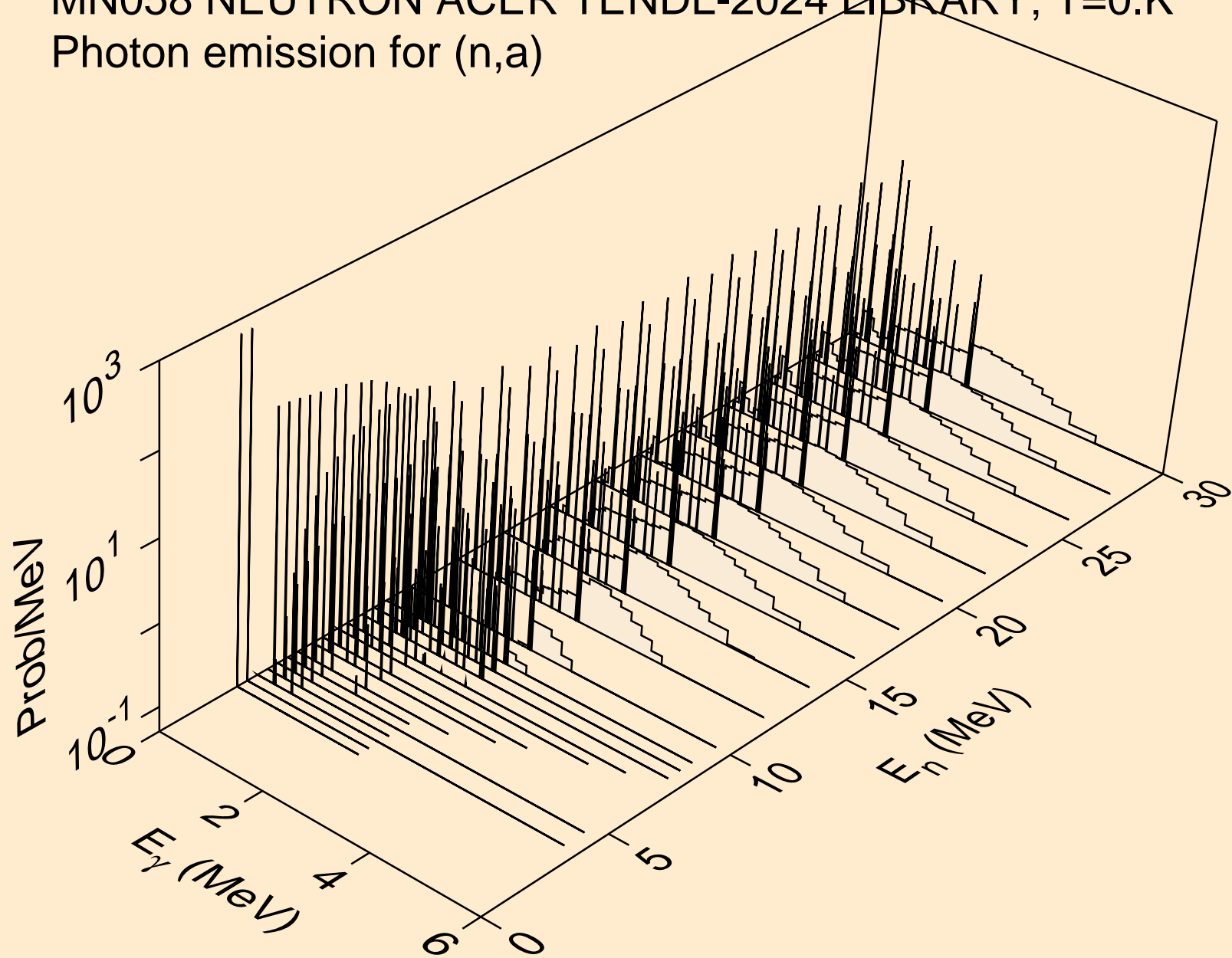
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



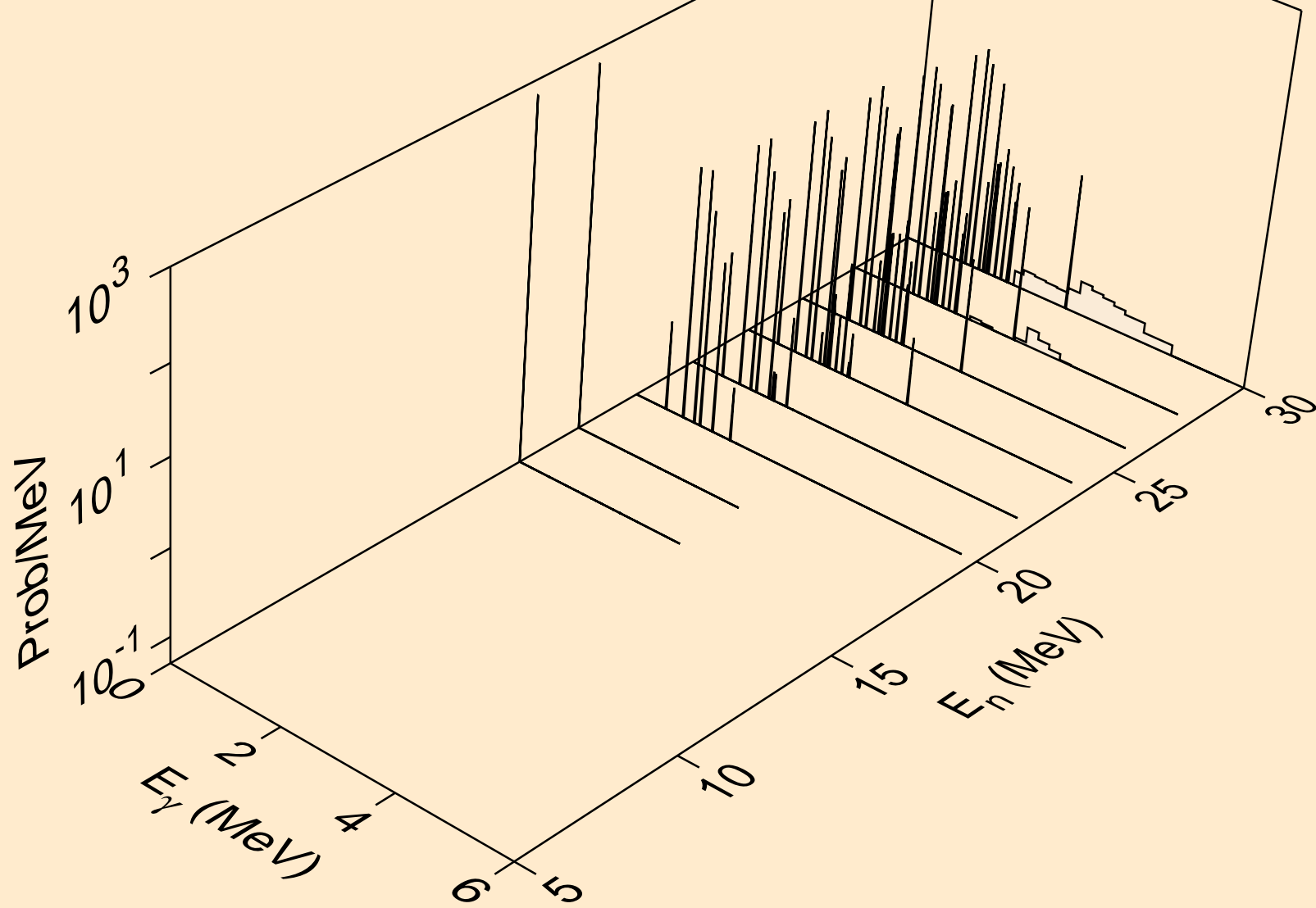
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Photon emission for (n,he3)



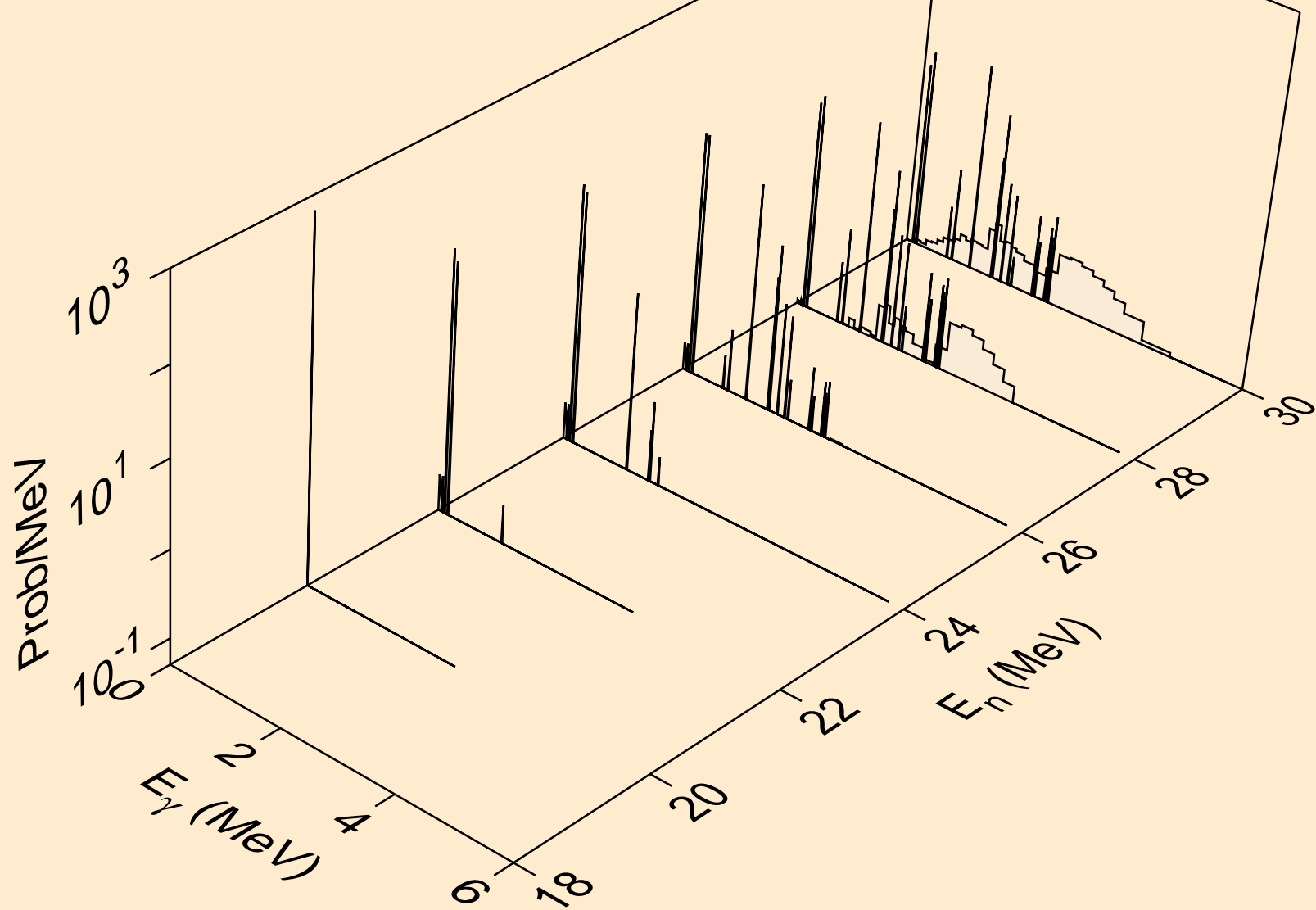
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



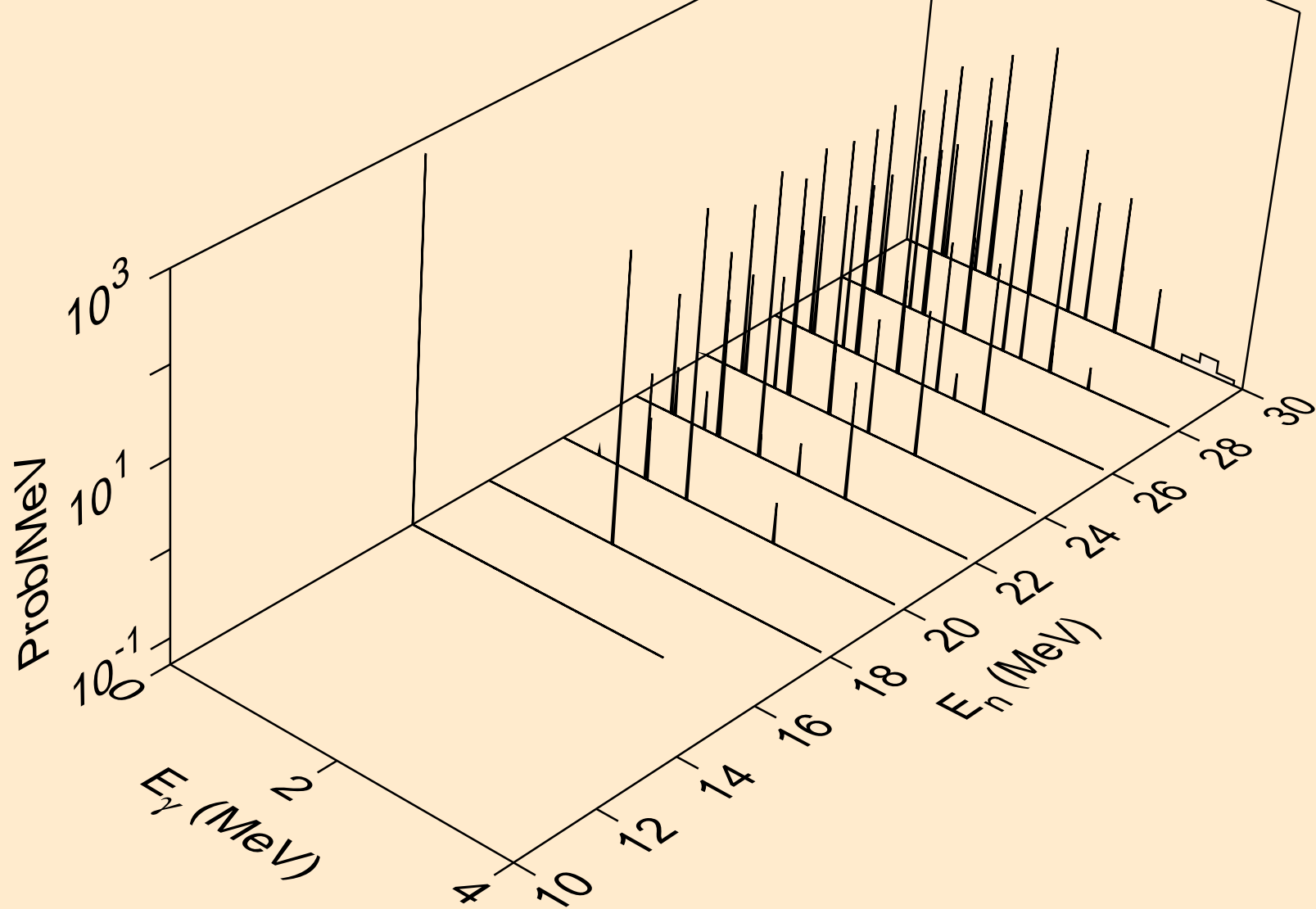
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



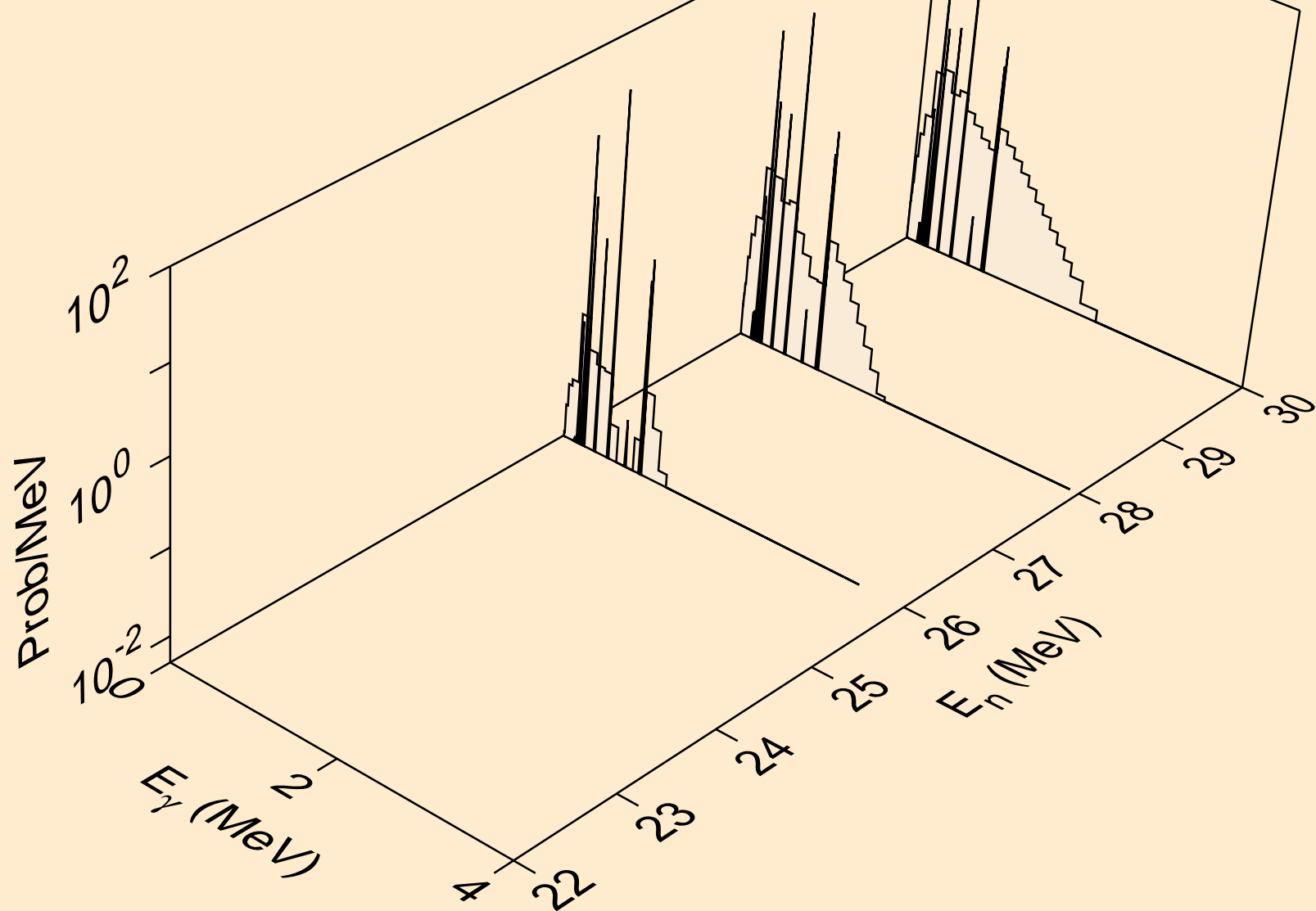
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

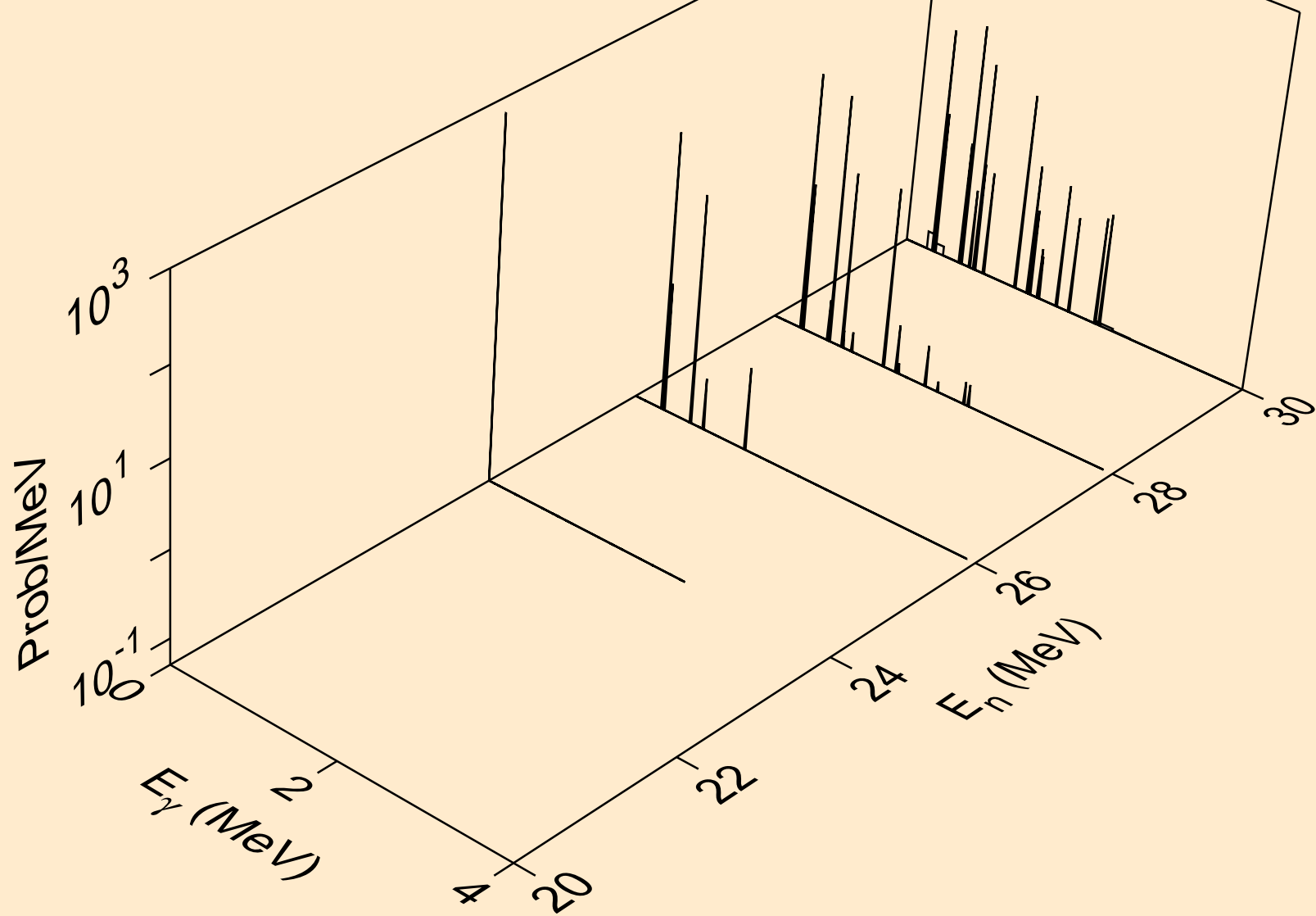


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

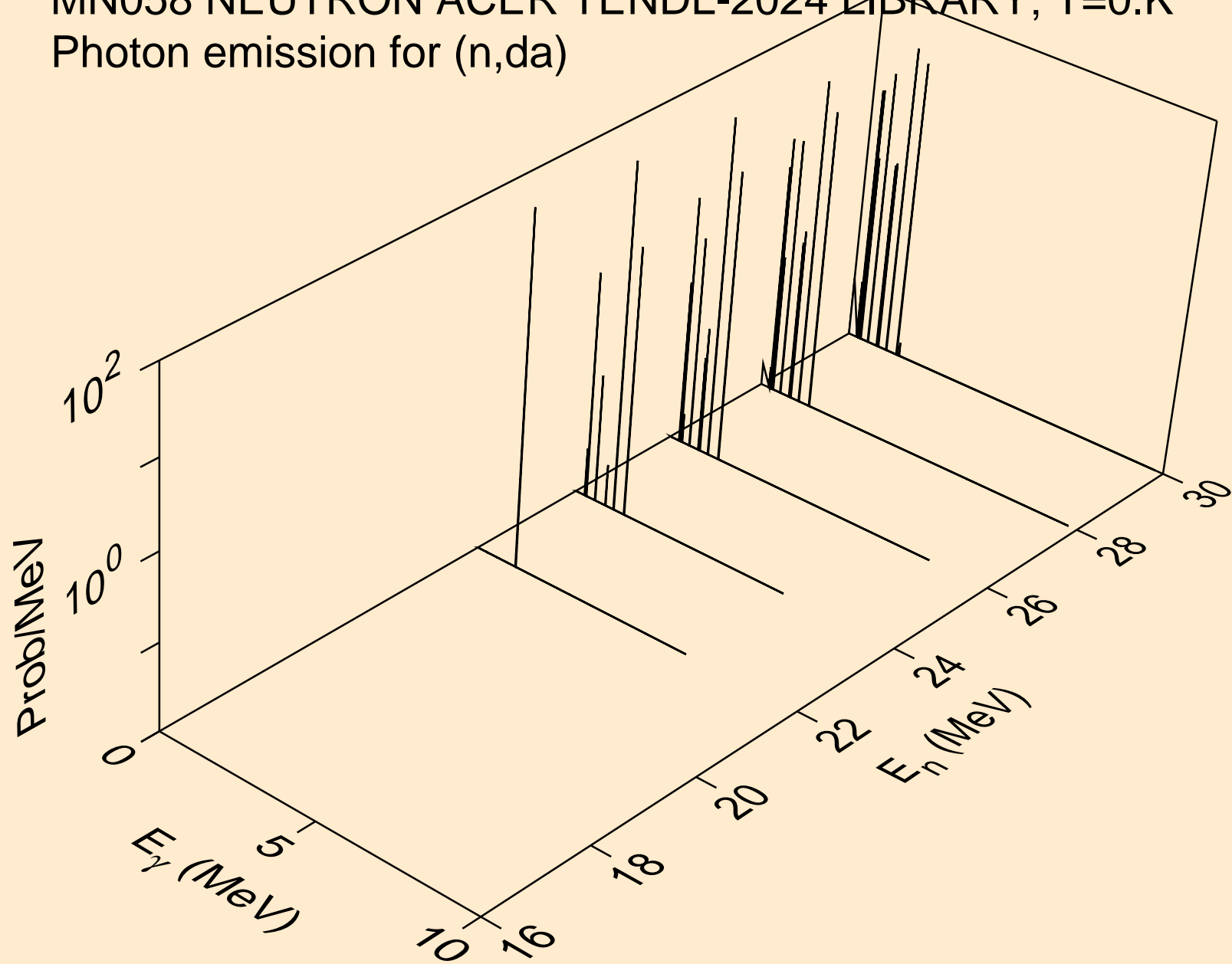




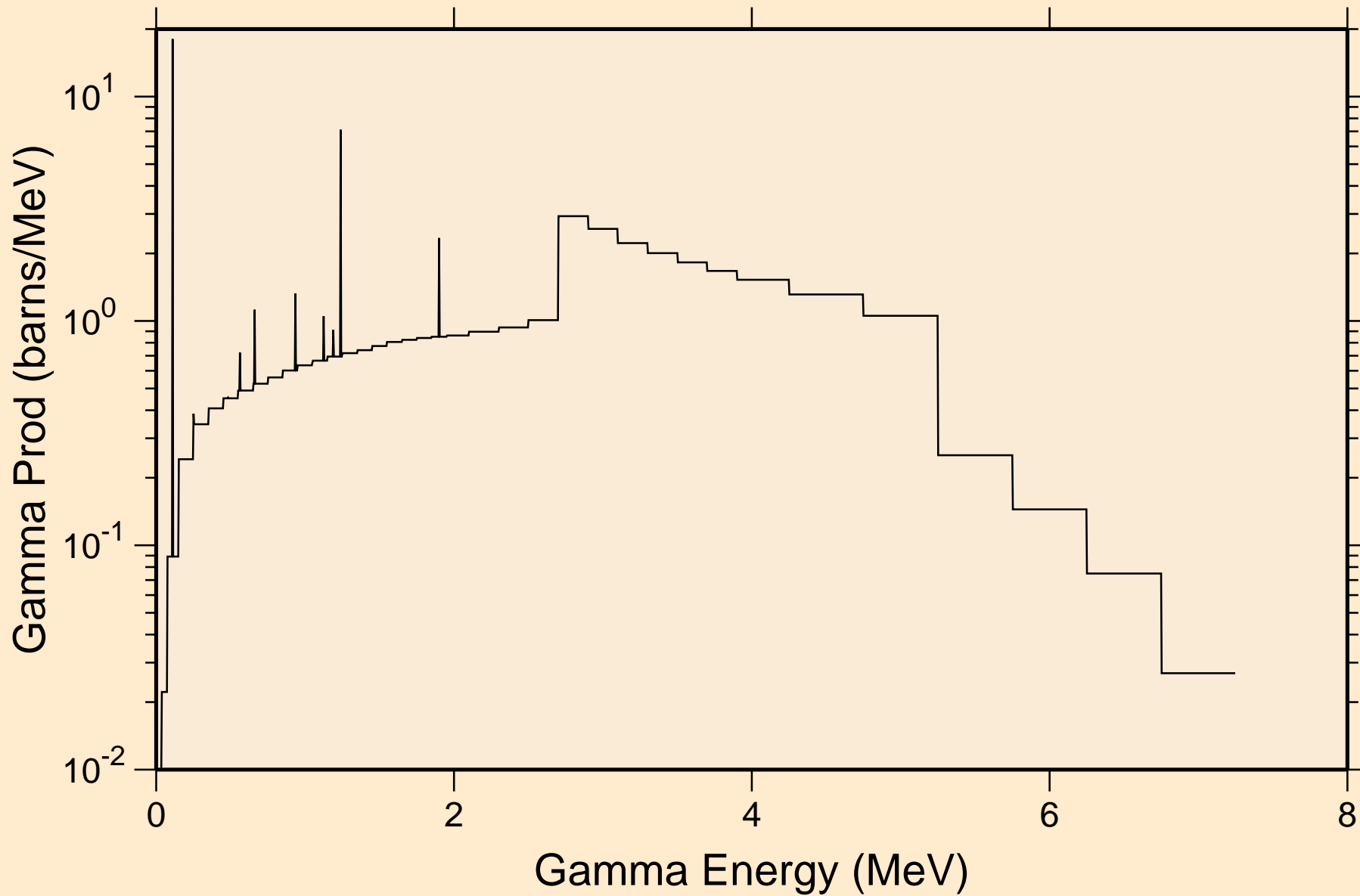
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



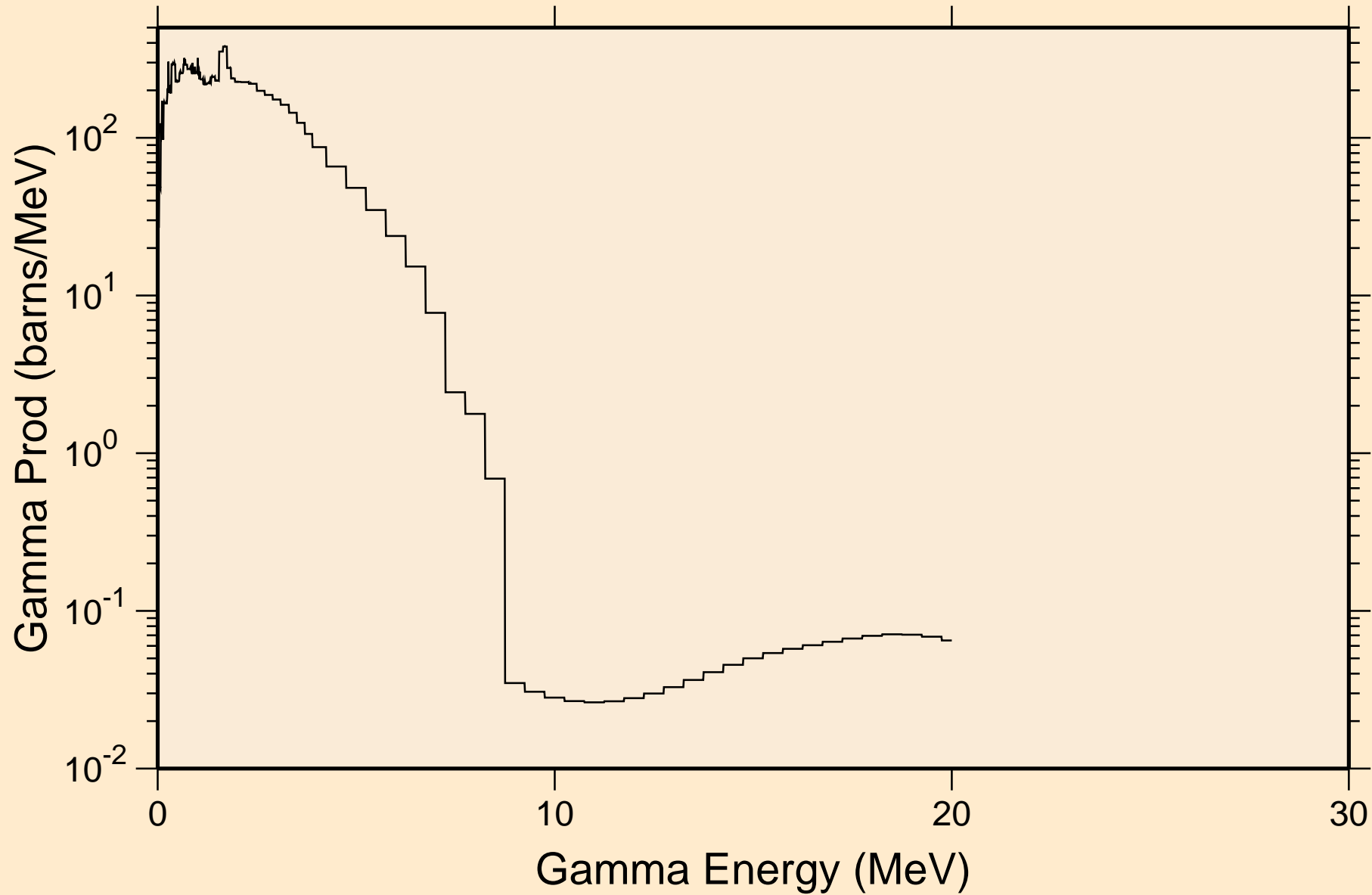
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

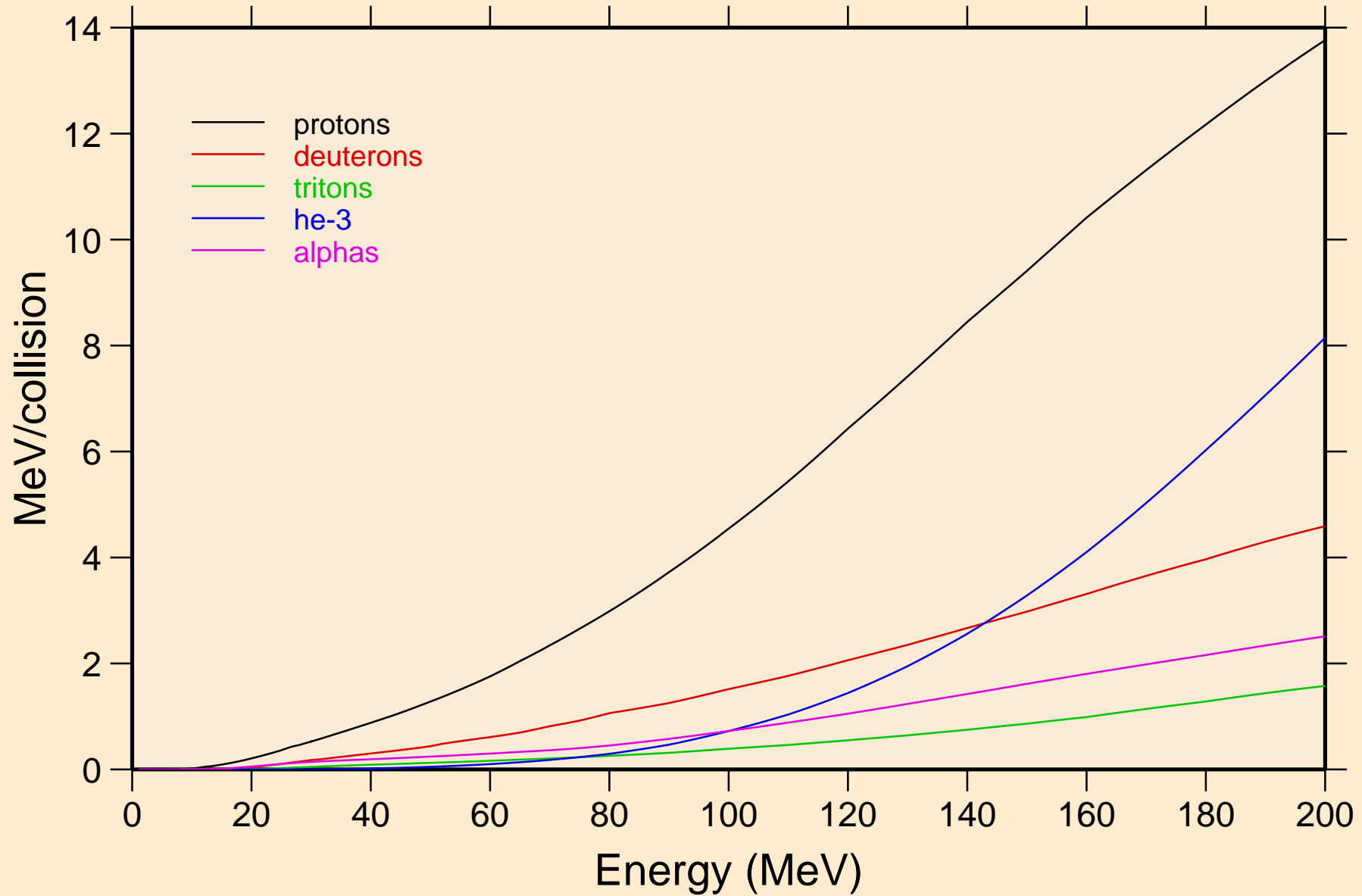


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

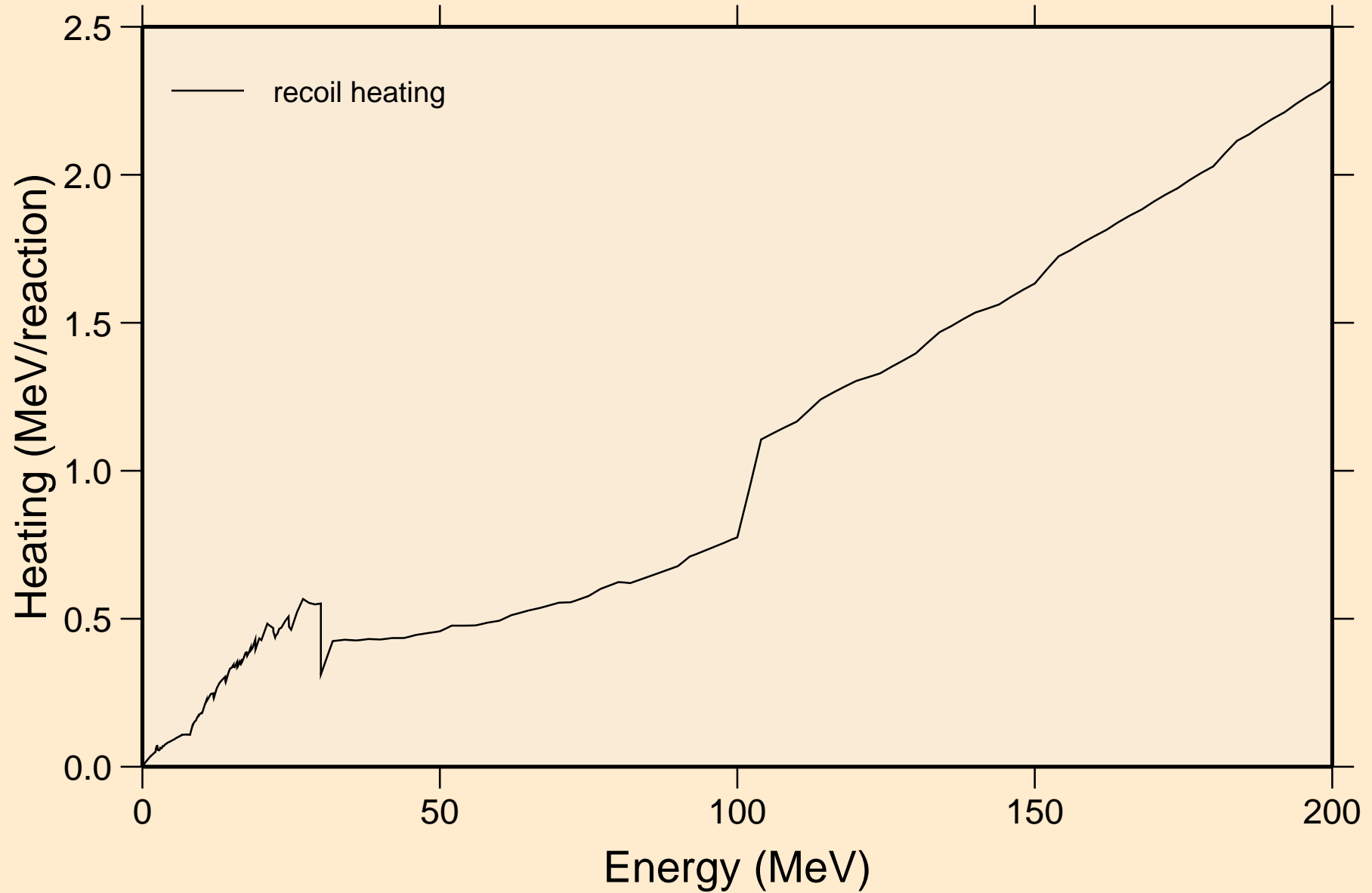


# MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

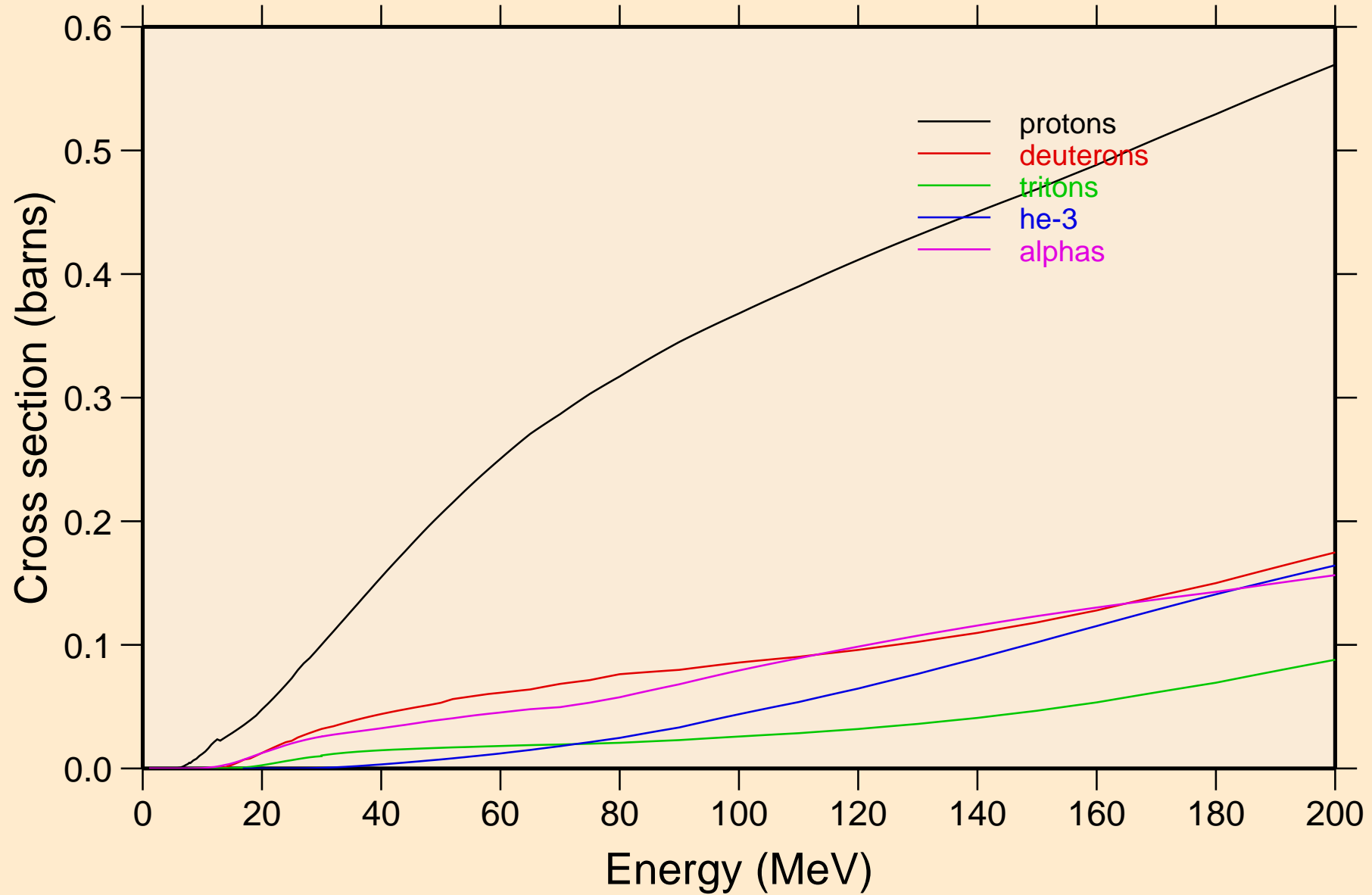
## Particle heating contributions



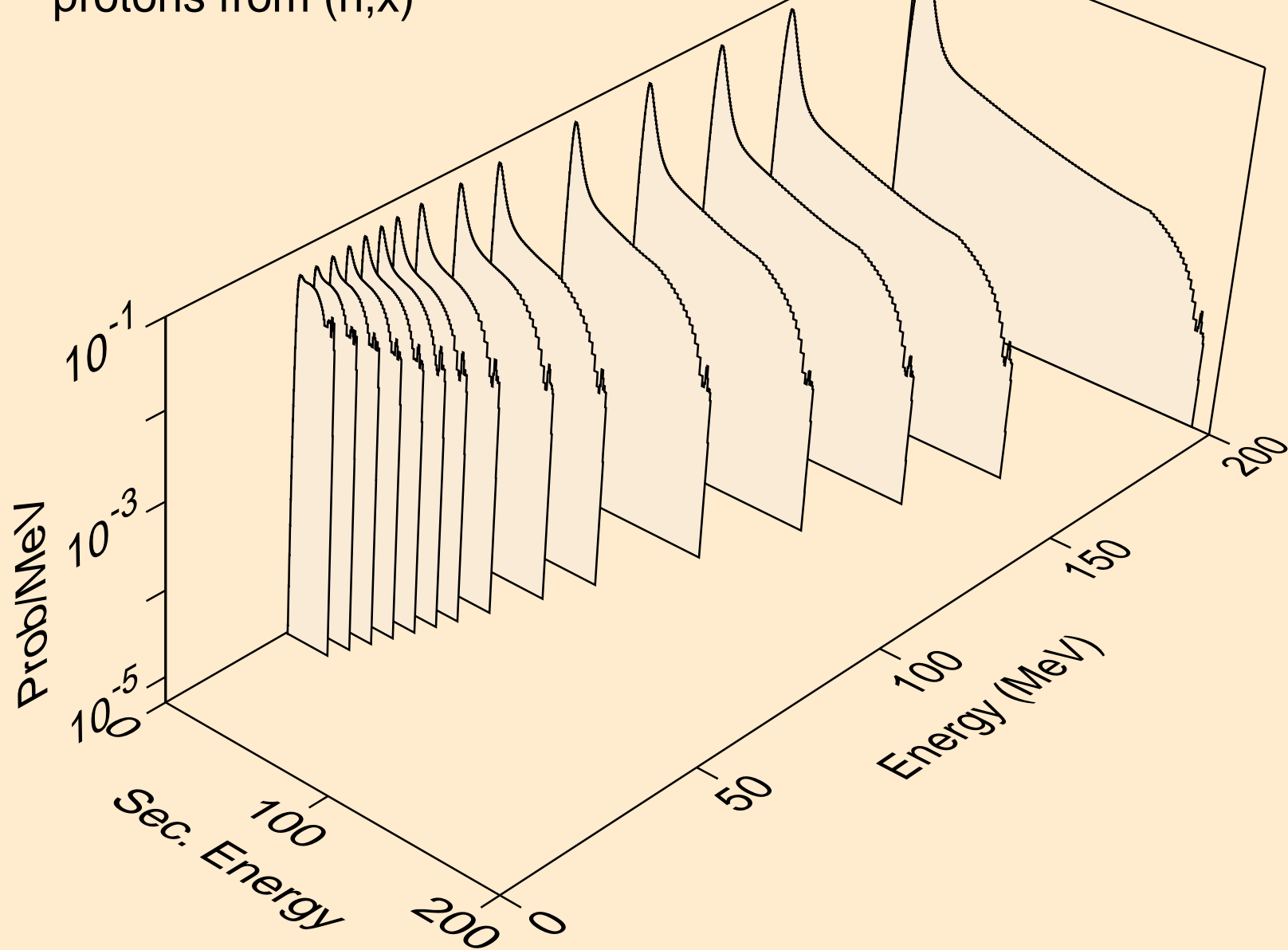
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections

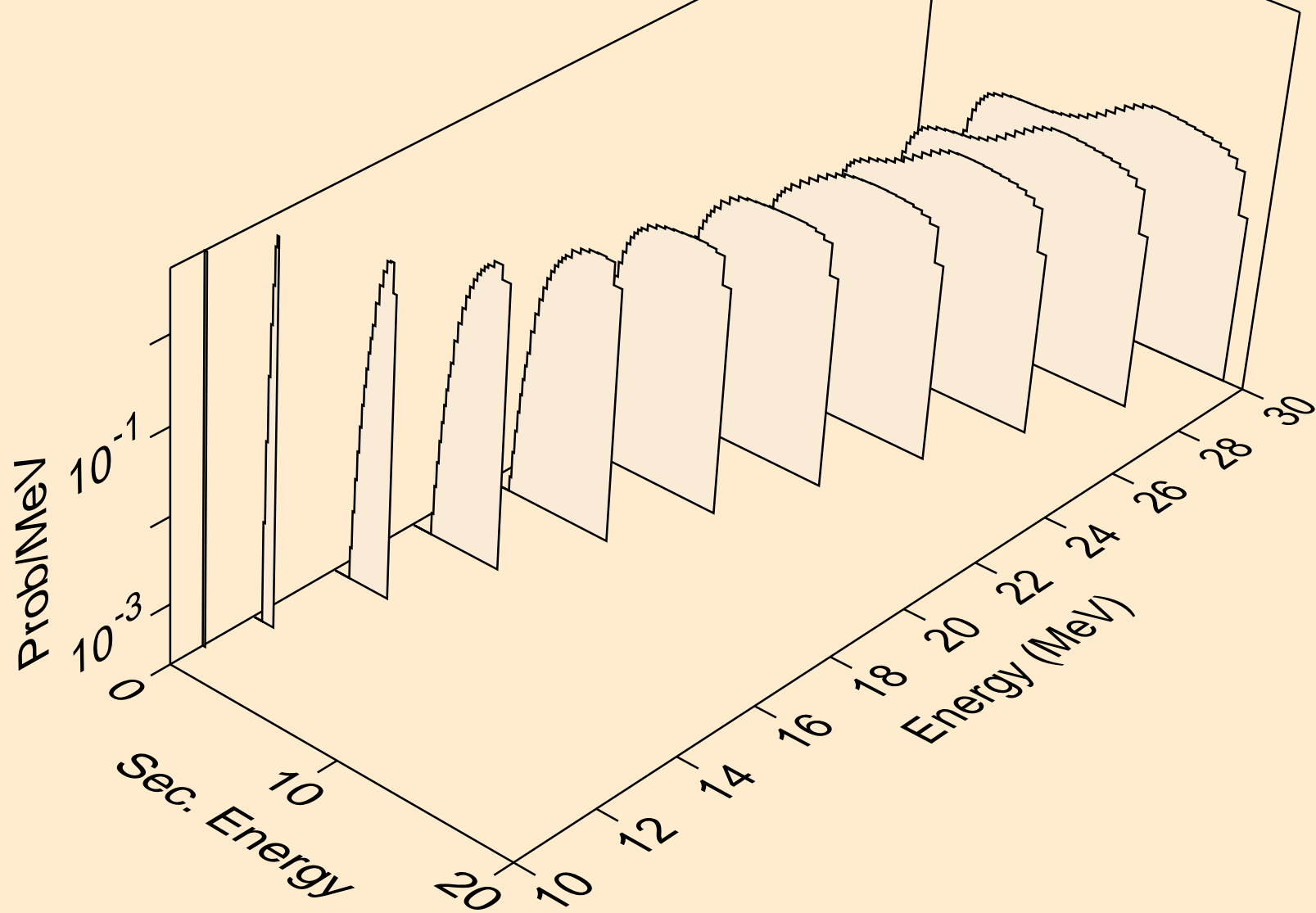


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

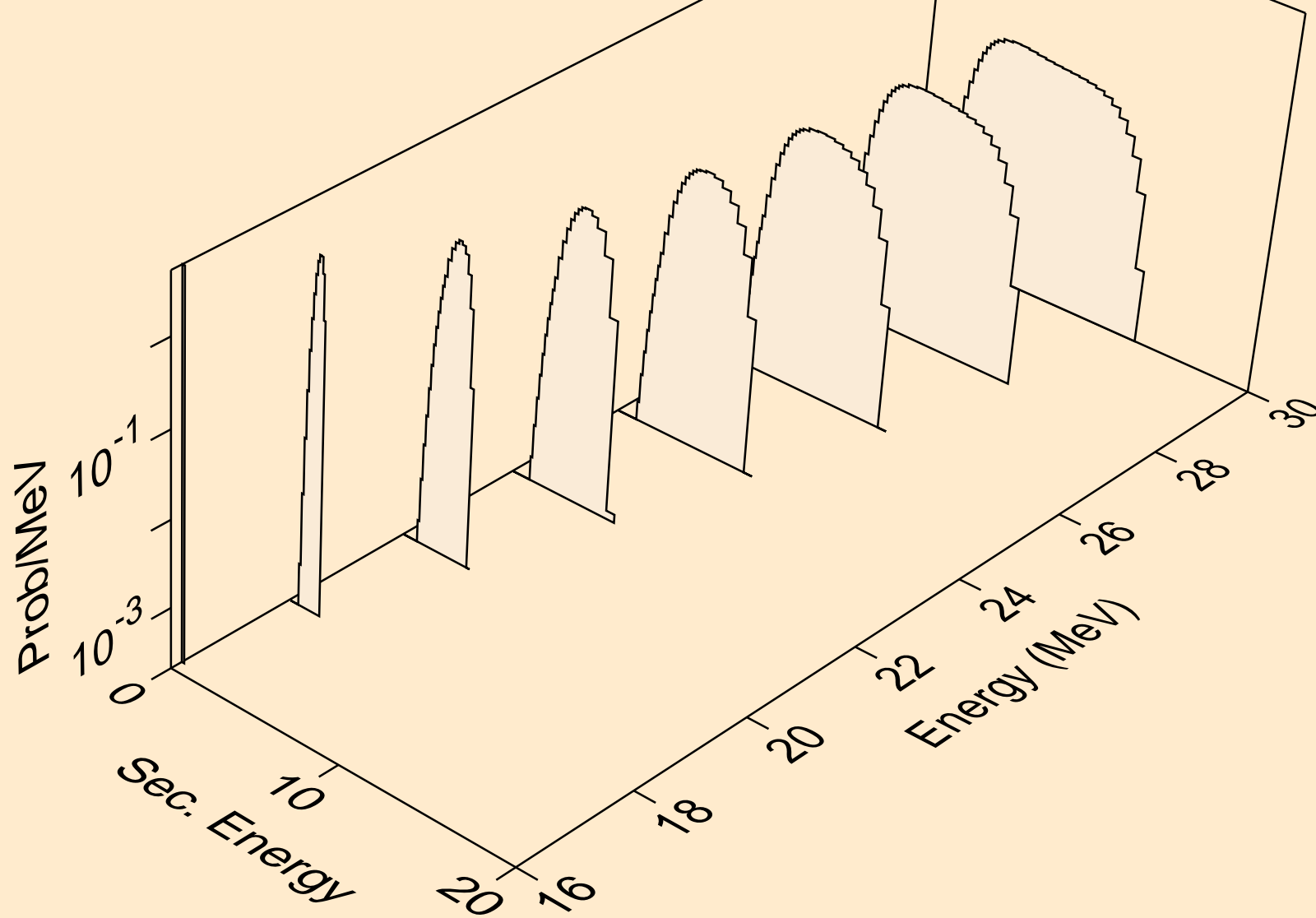




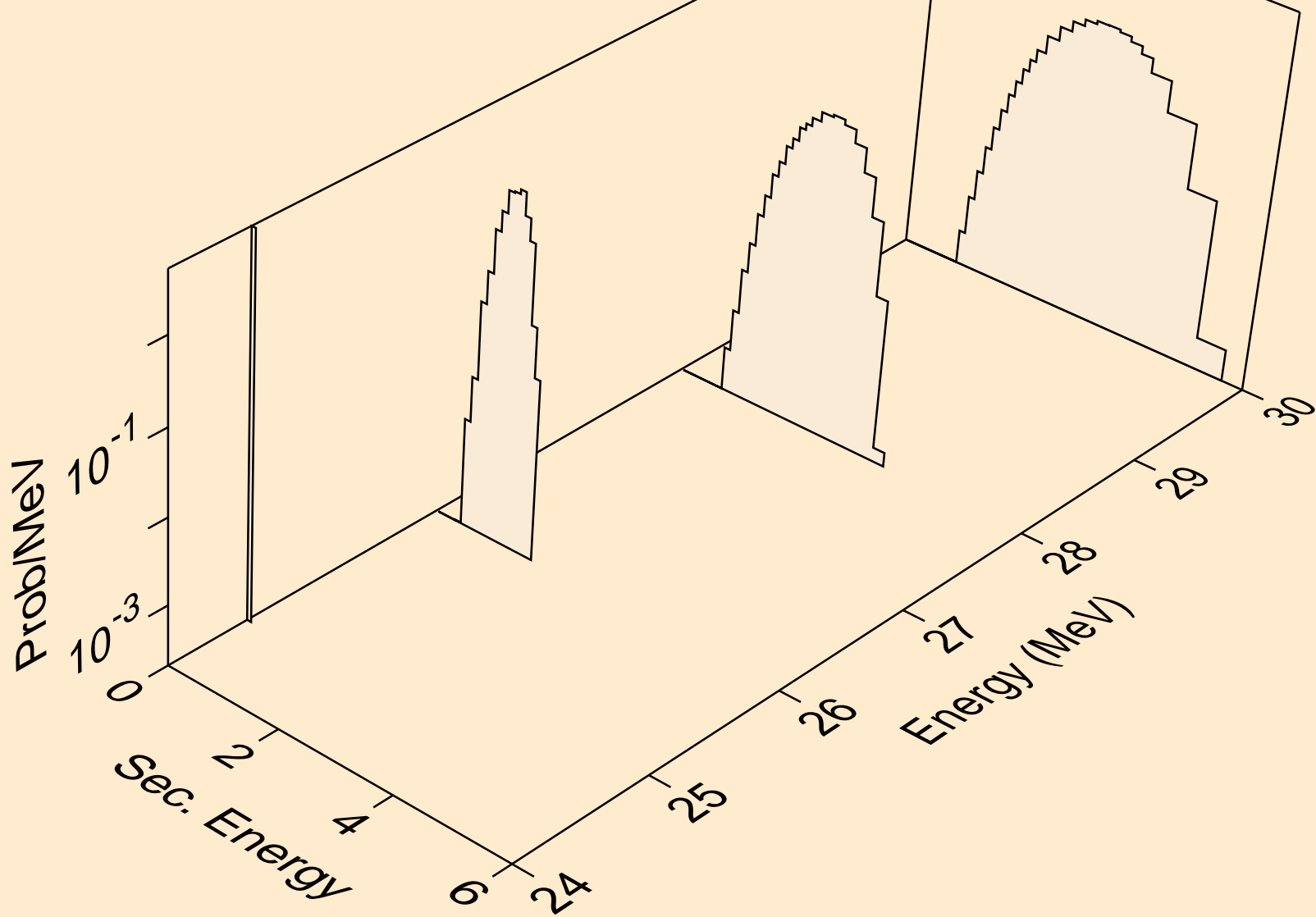
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



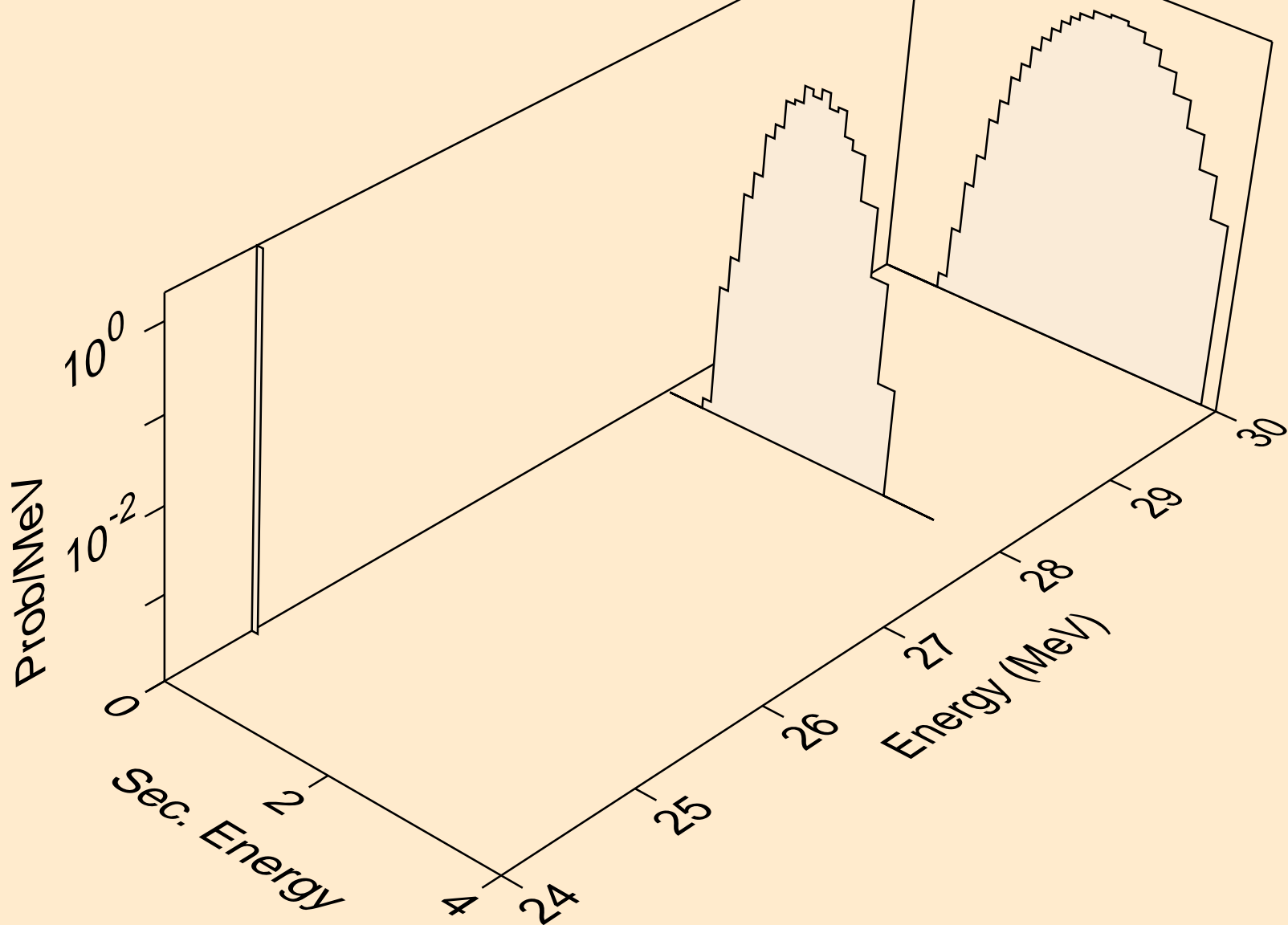
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



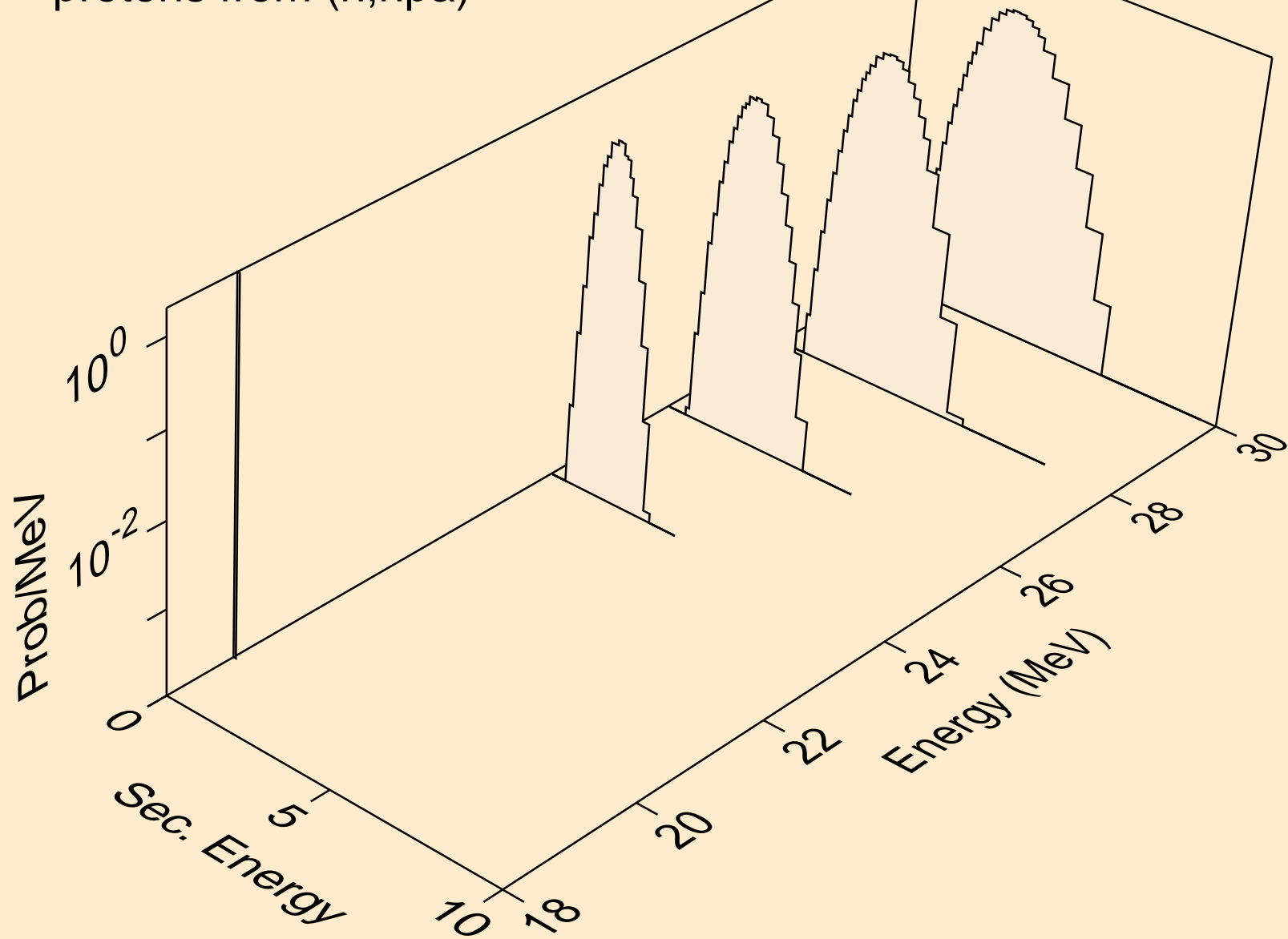
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



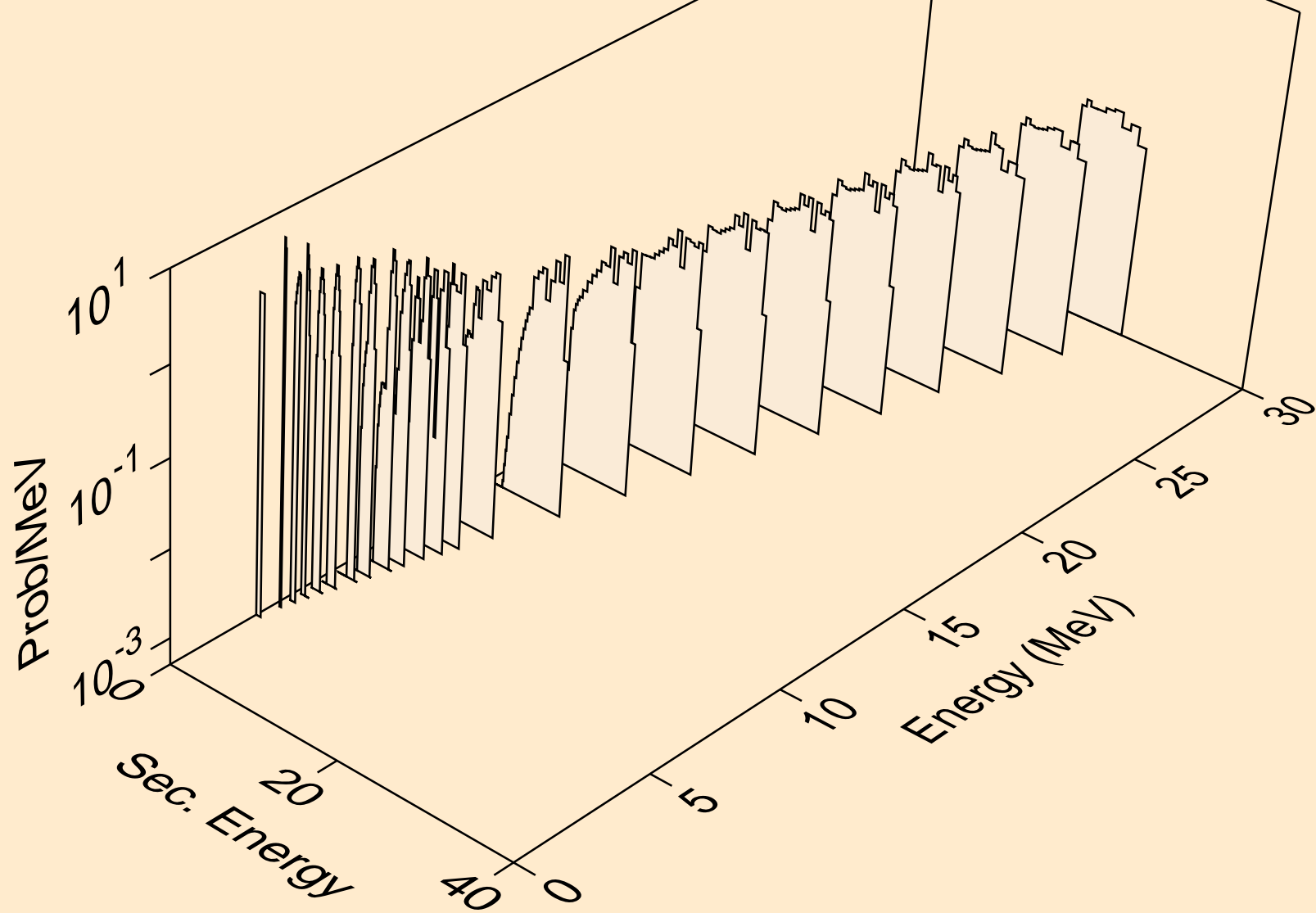
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protons from (n,n2p)



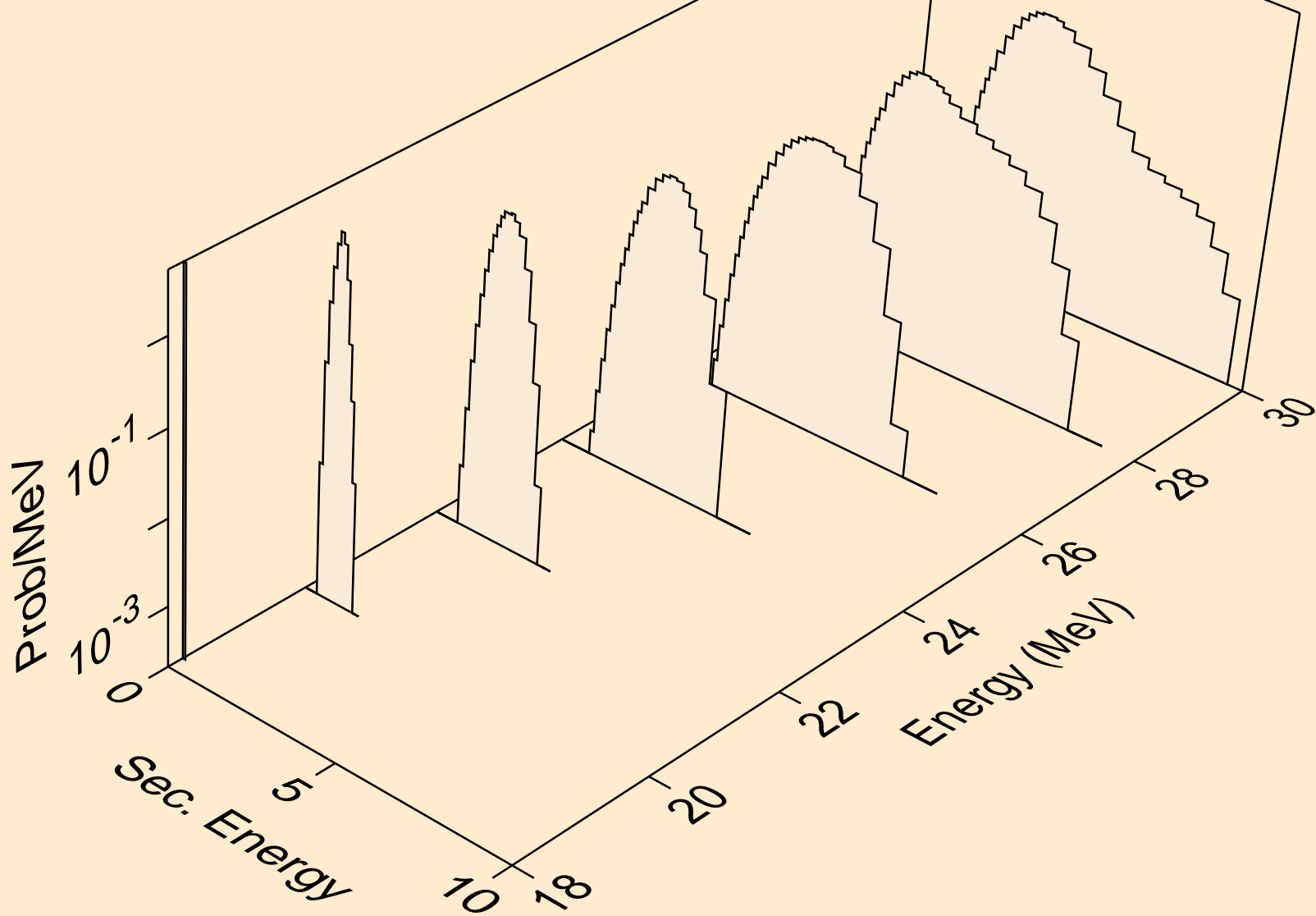
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protons from (n,npa)



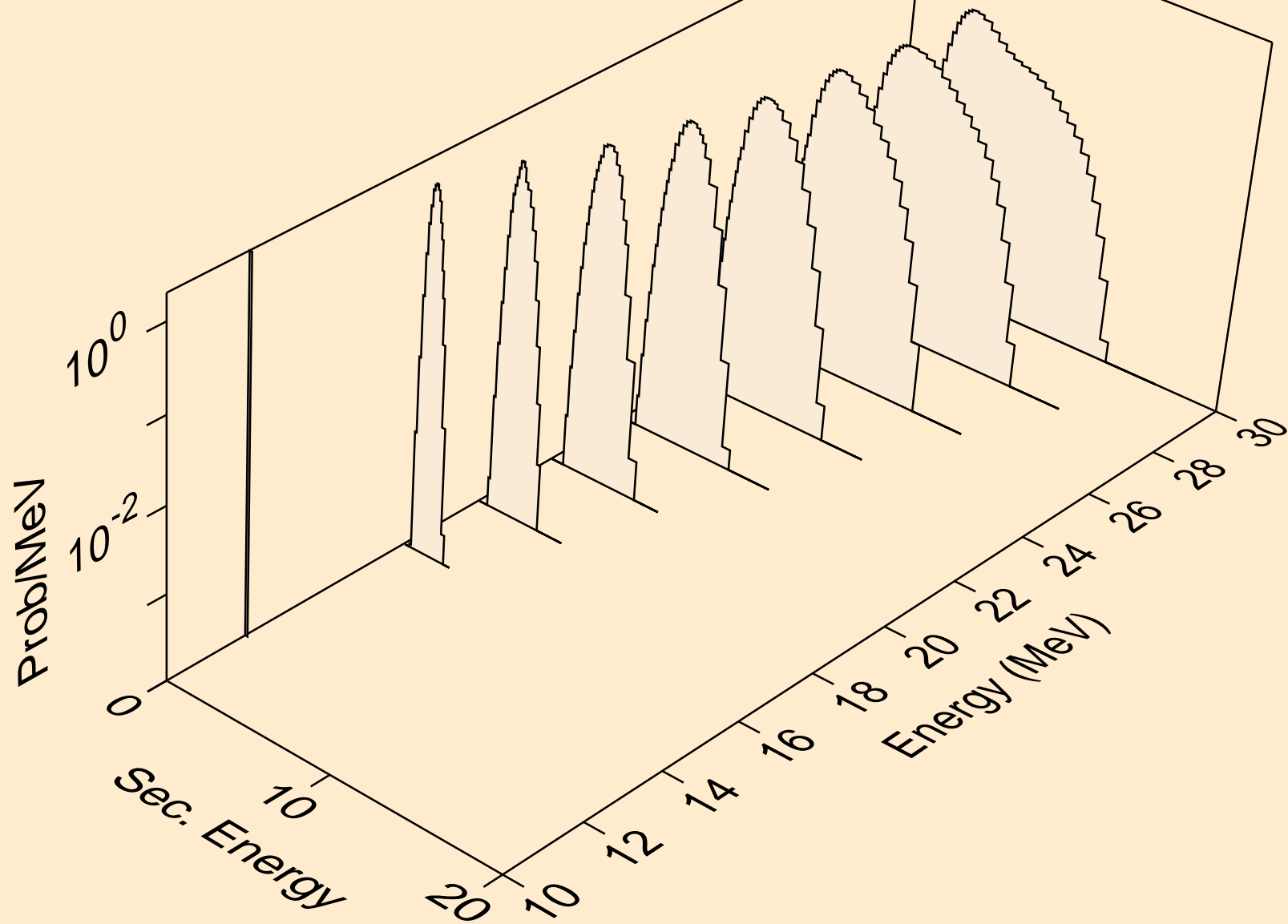
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

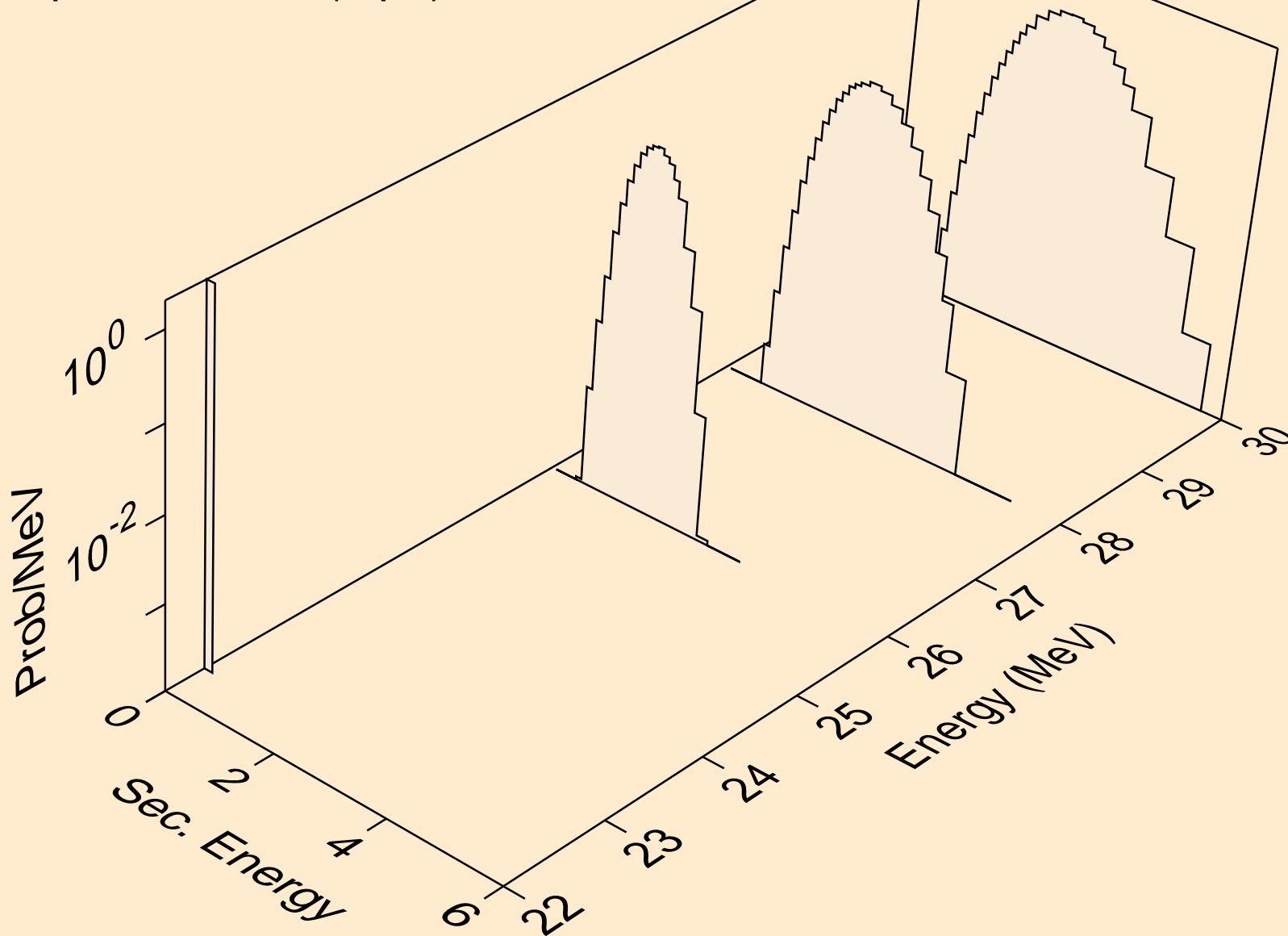


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protons from (n,p)

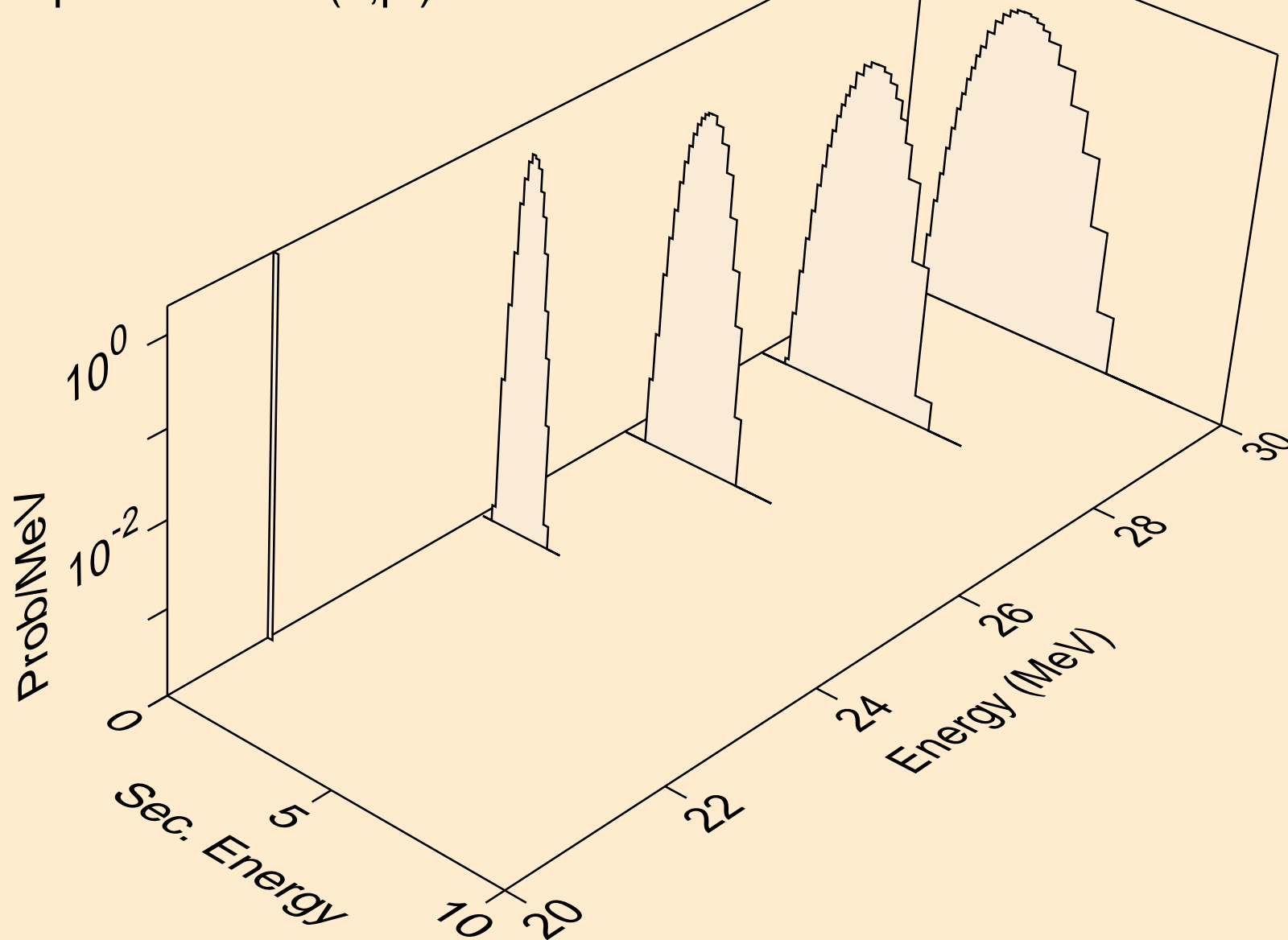




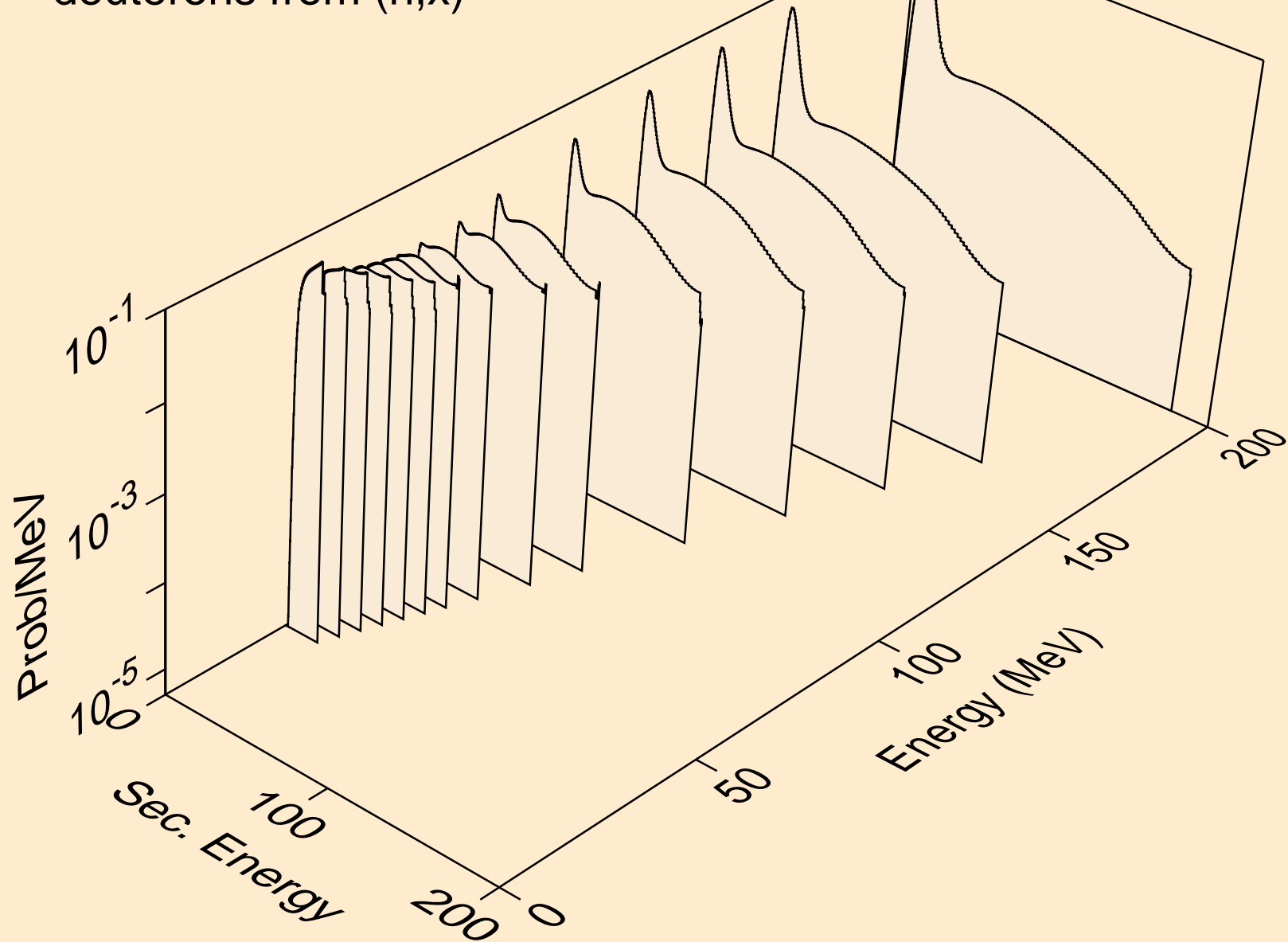
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protons from (n,pd)



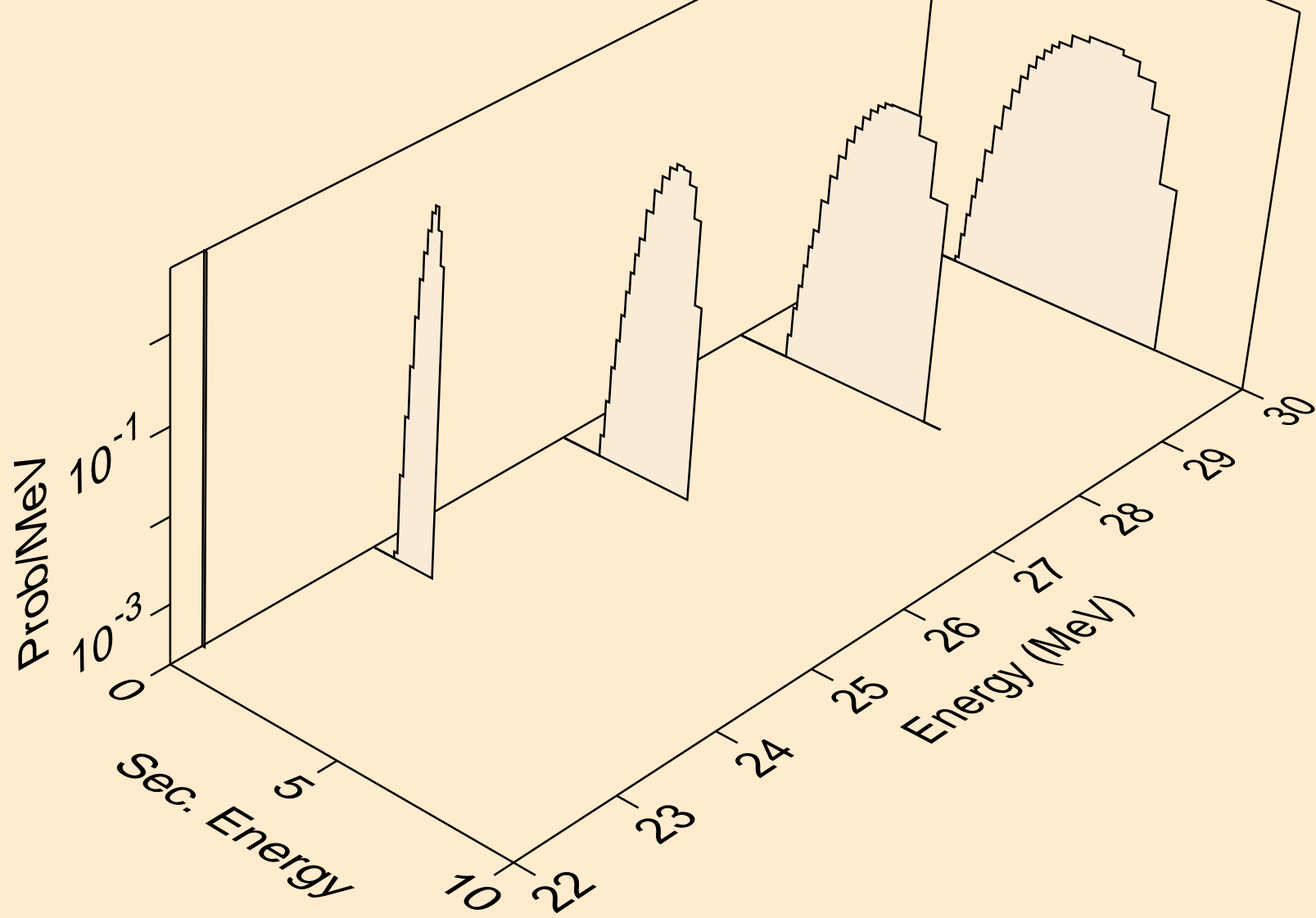
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protons from (n,pt)



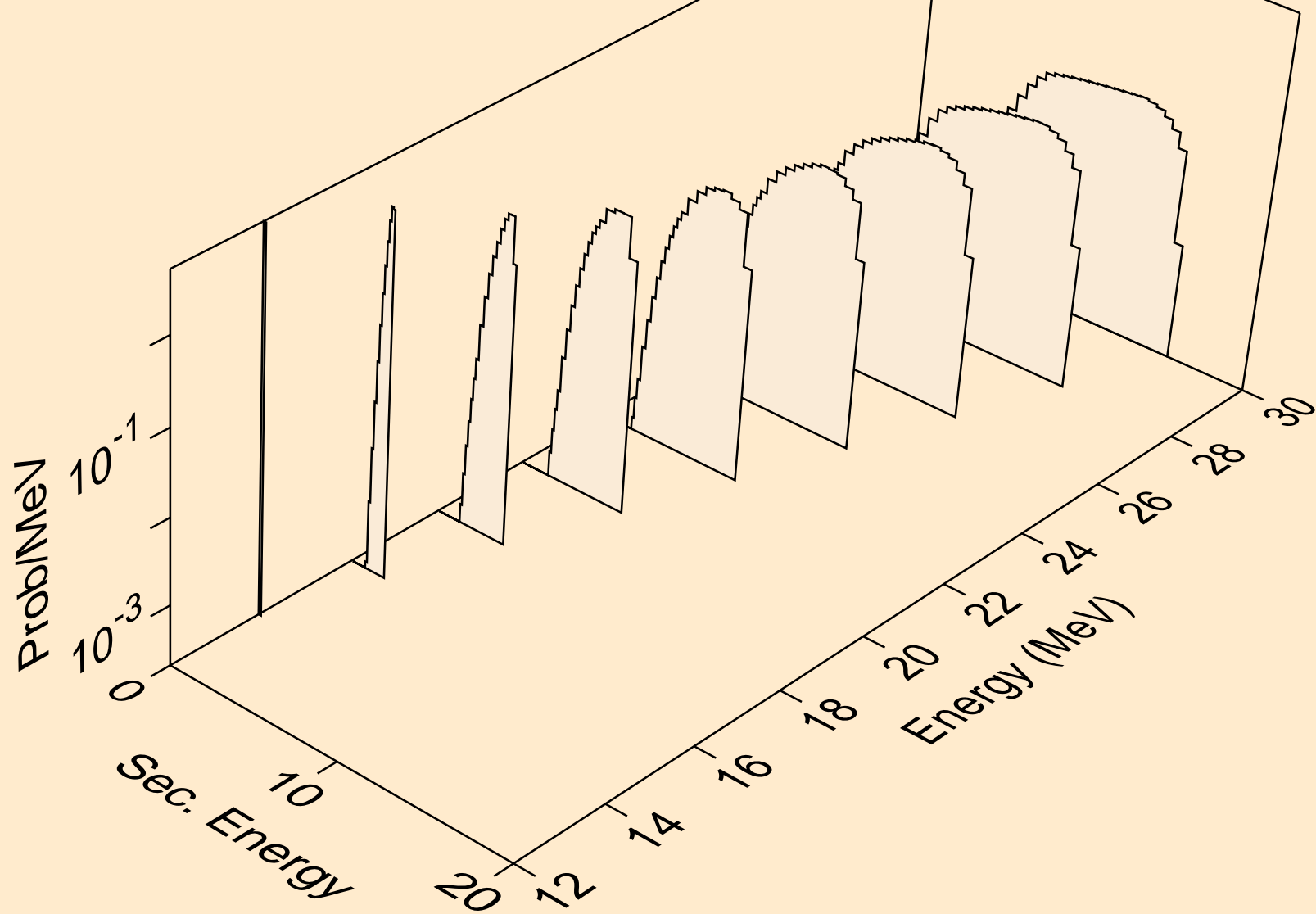
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



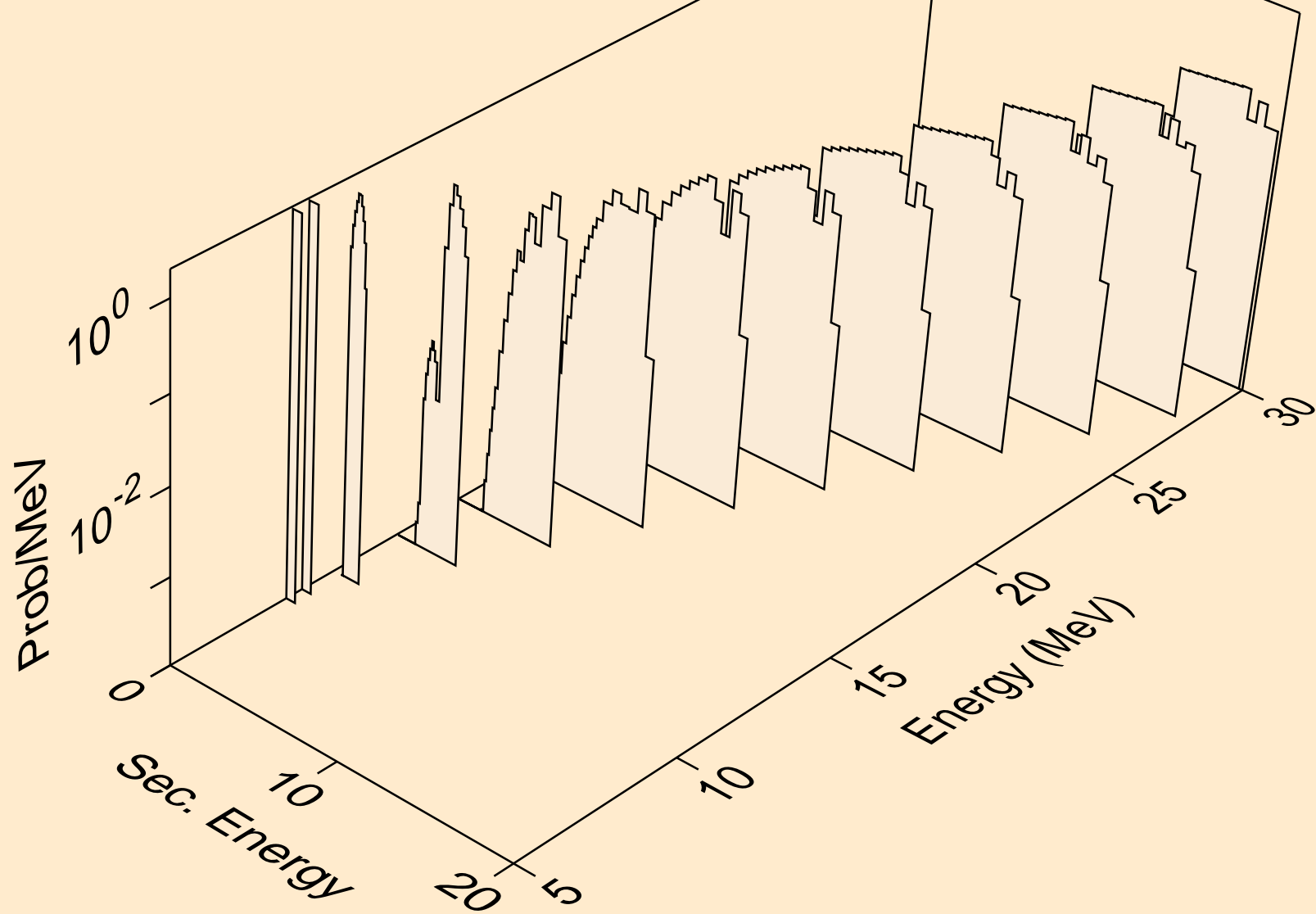
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deuterons from (n,2nd)



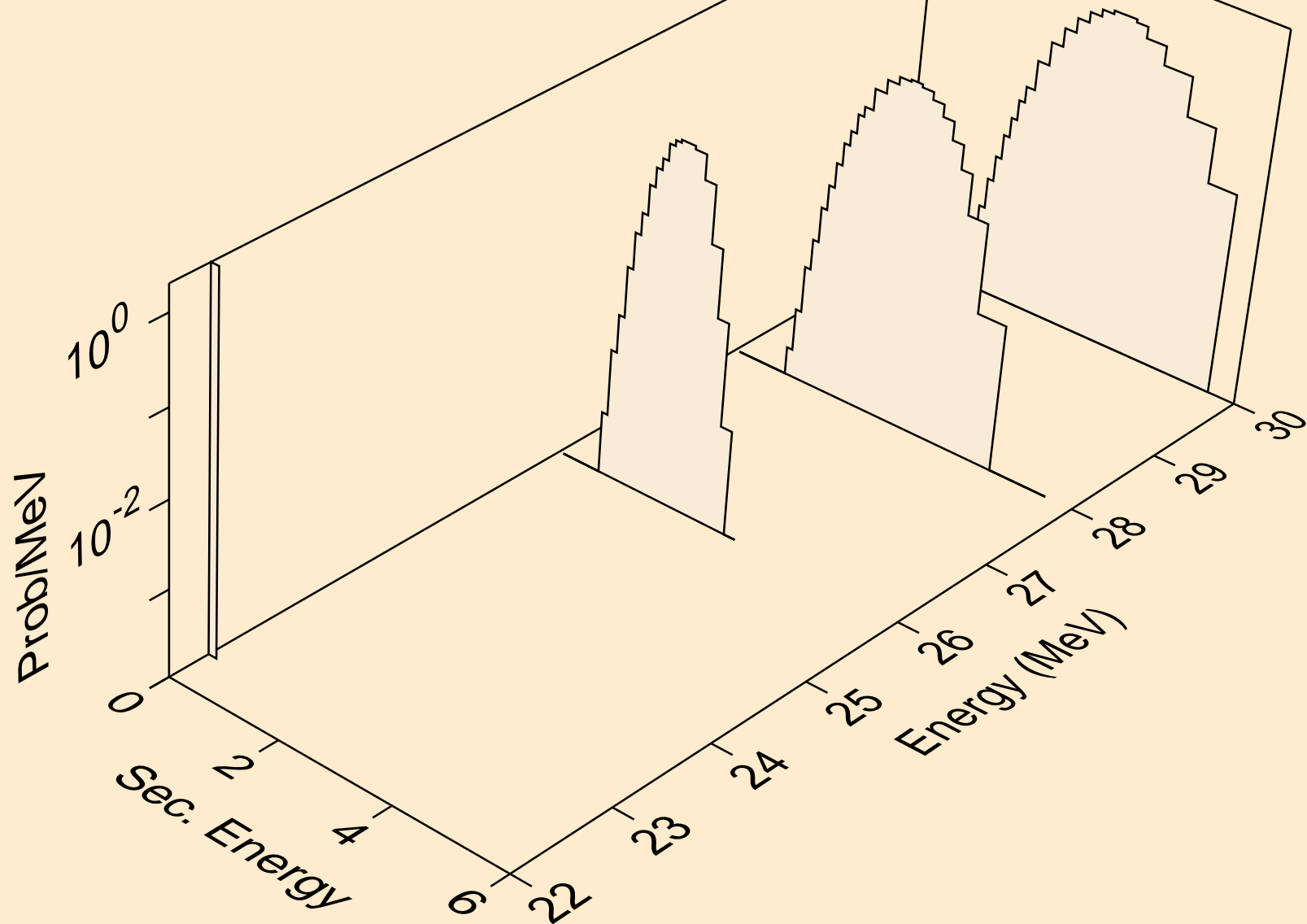
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



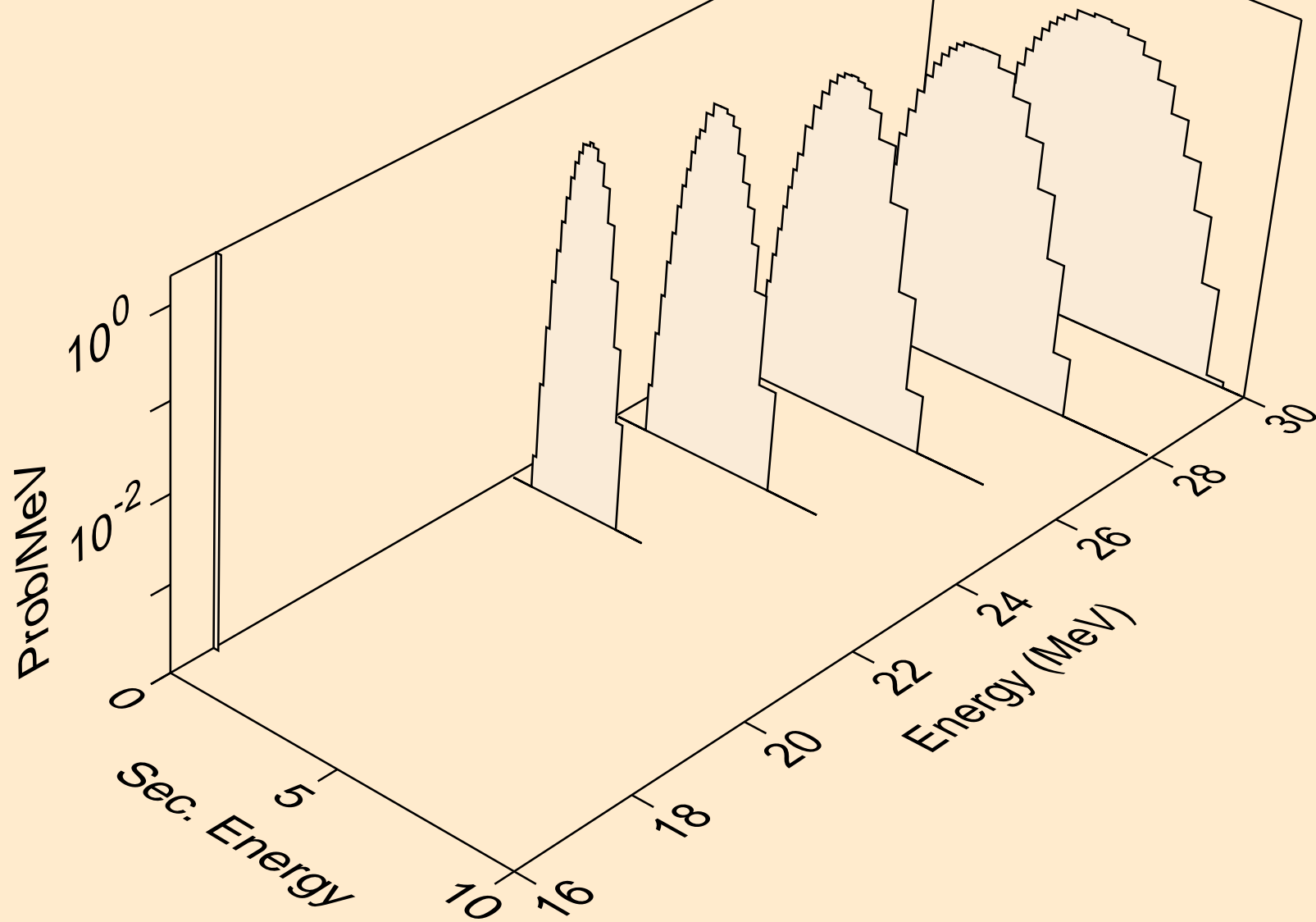
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)

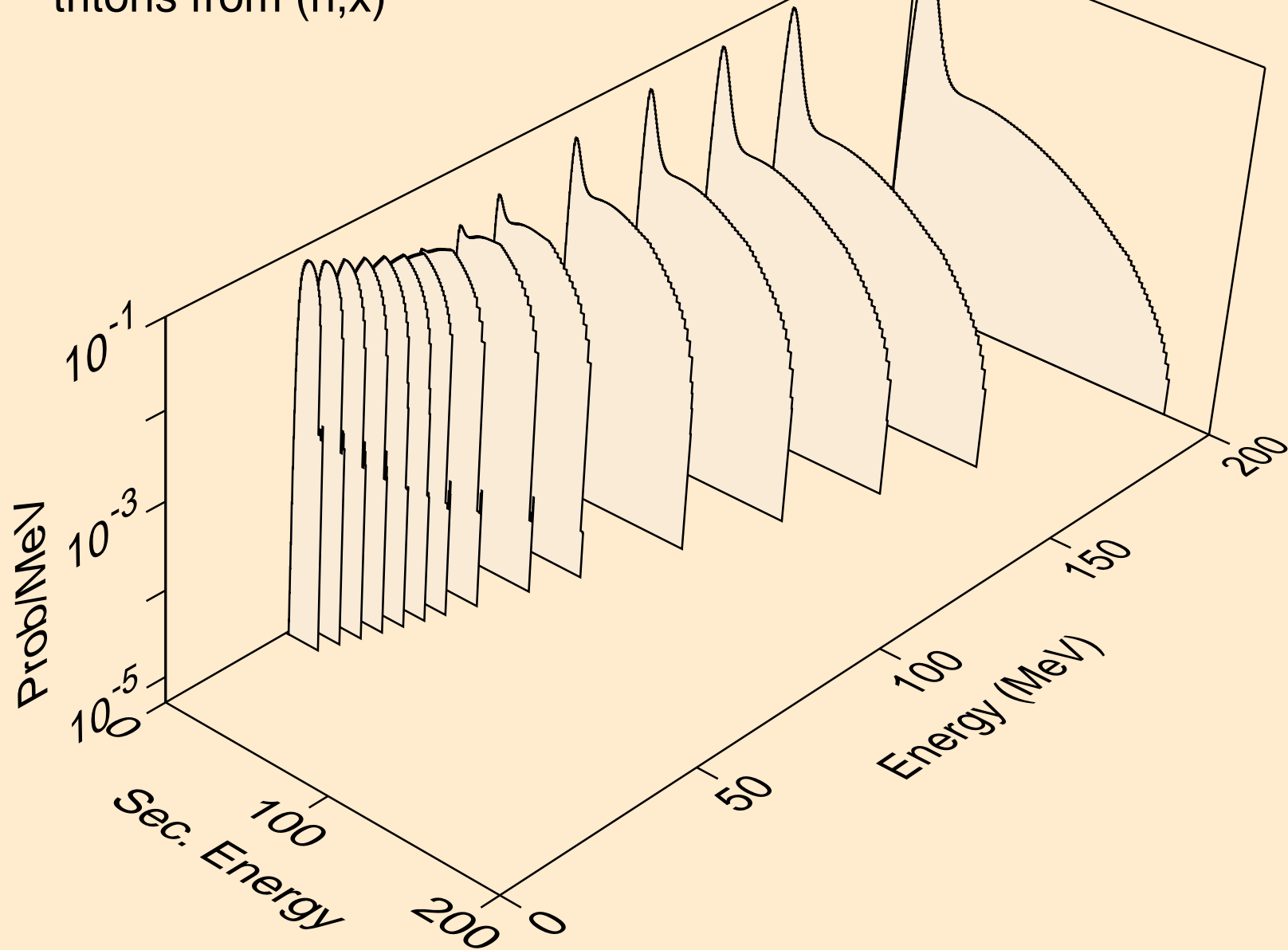


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deuterons from (n,da)

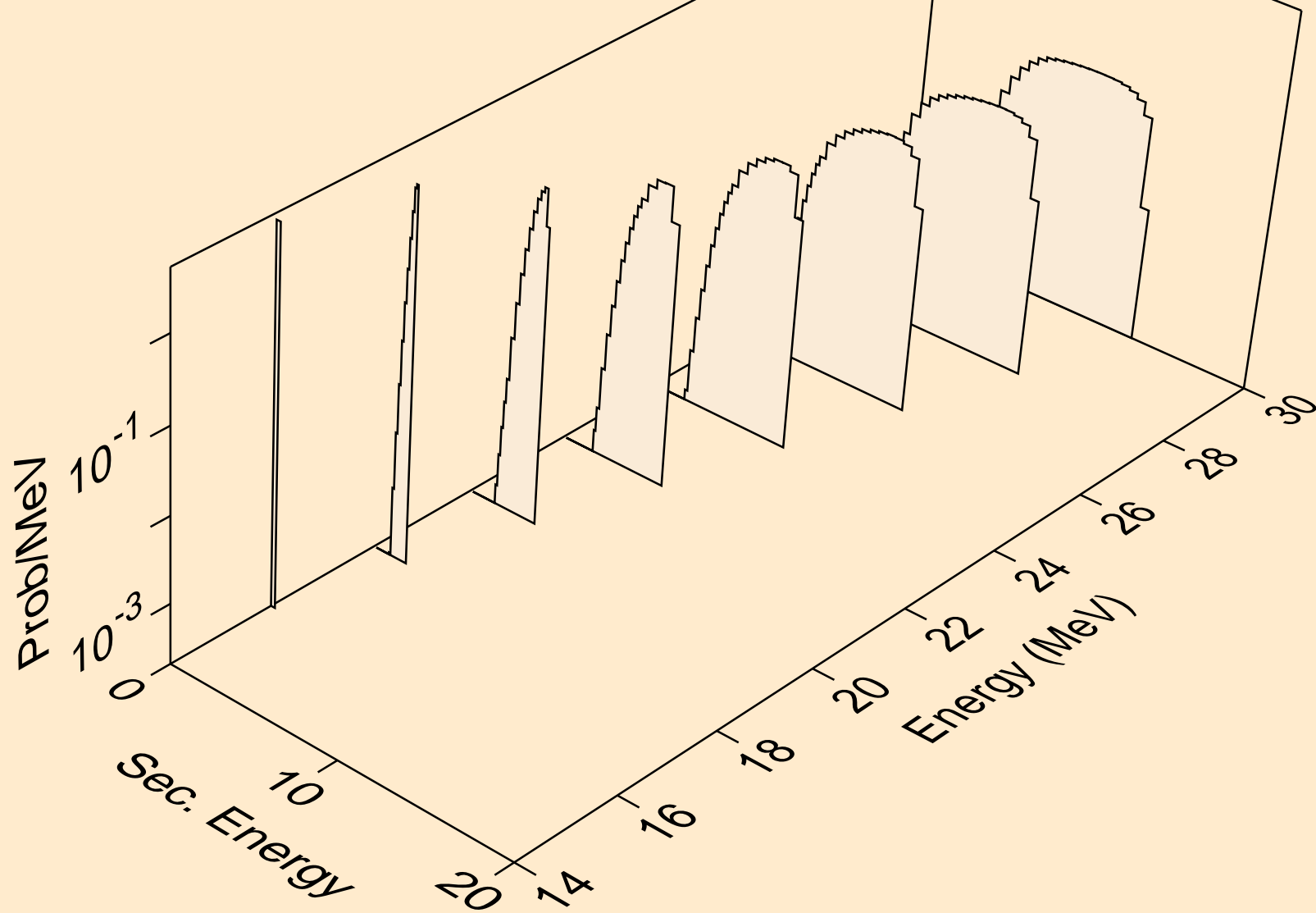




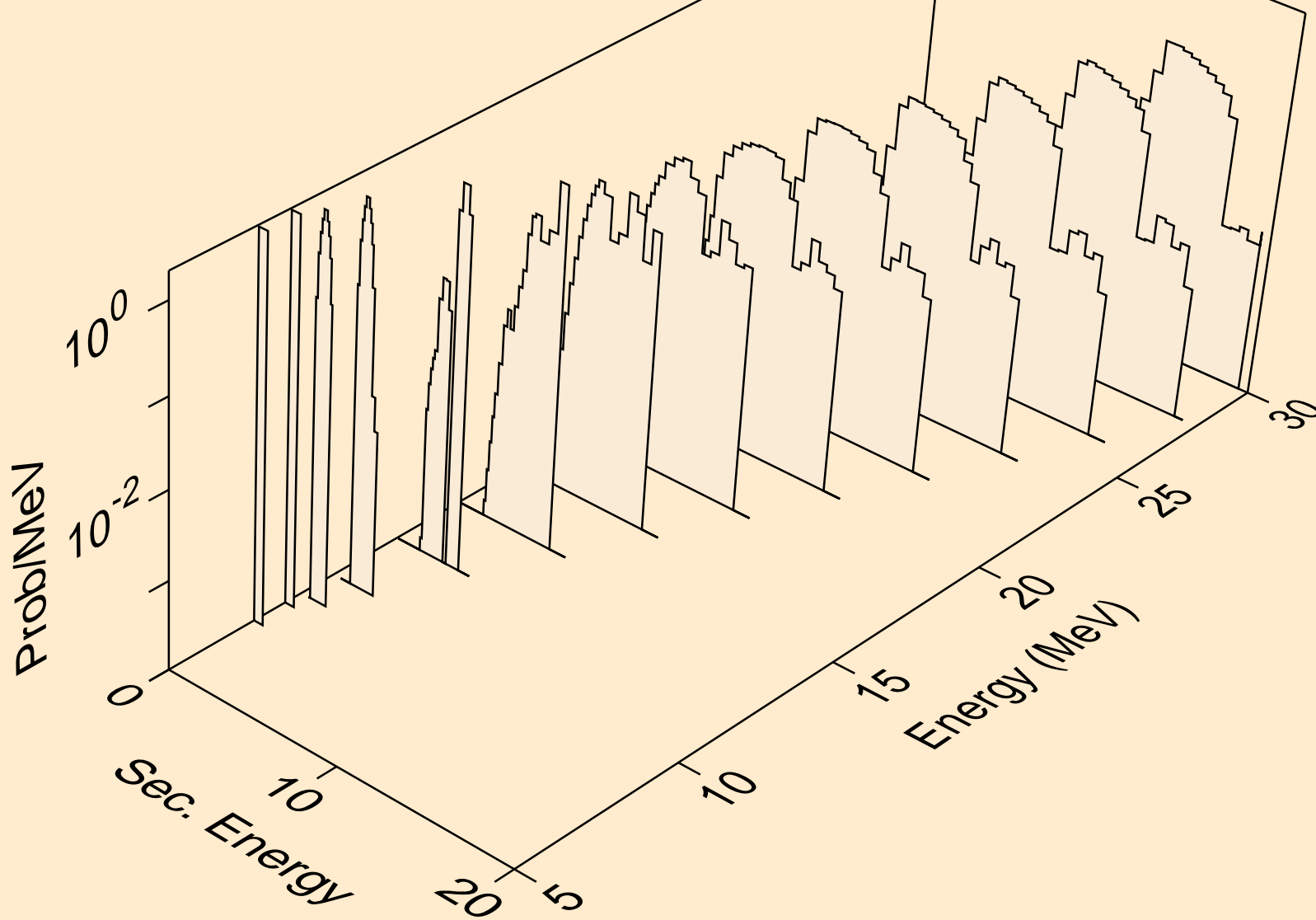
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



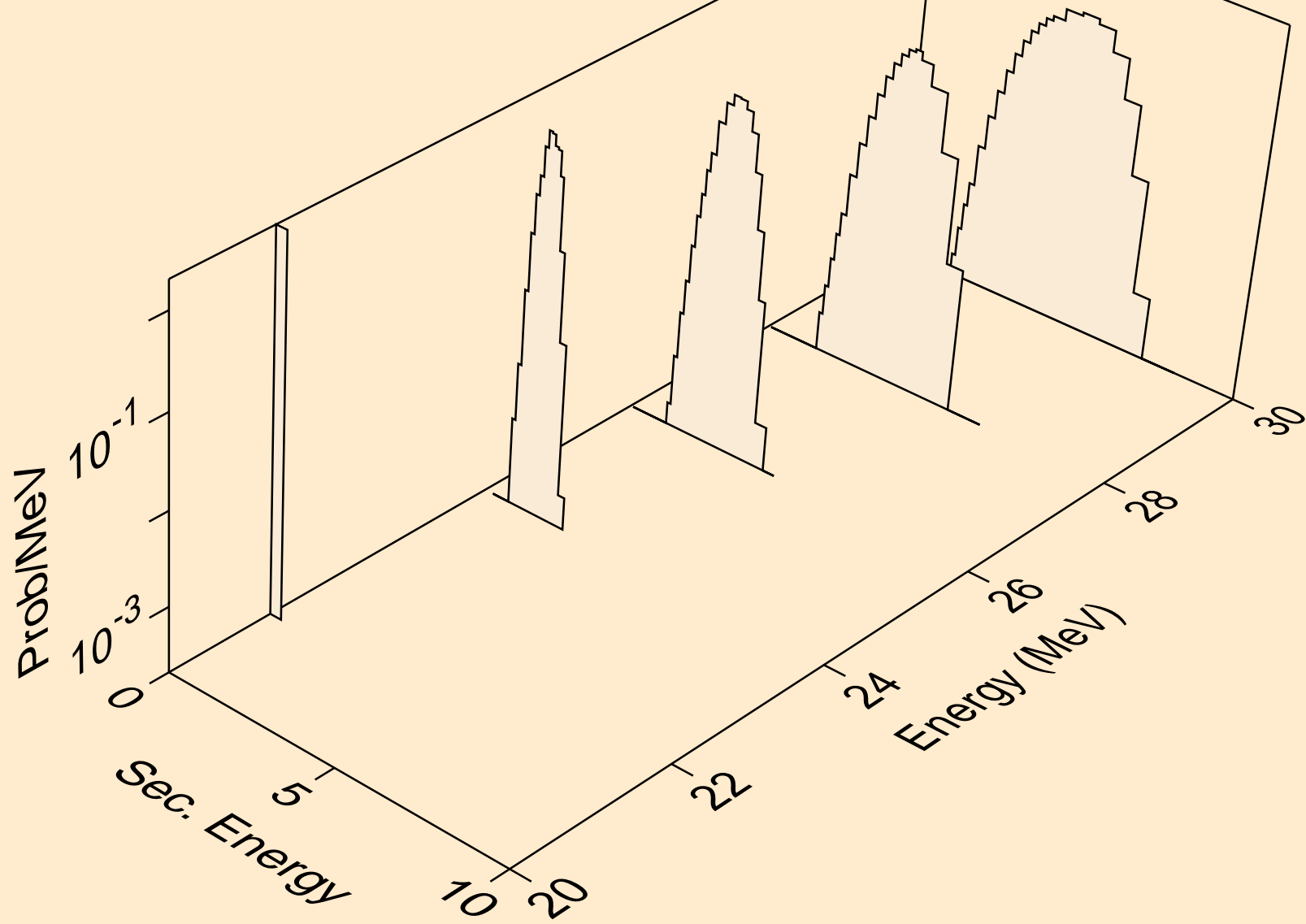
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



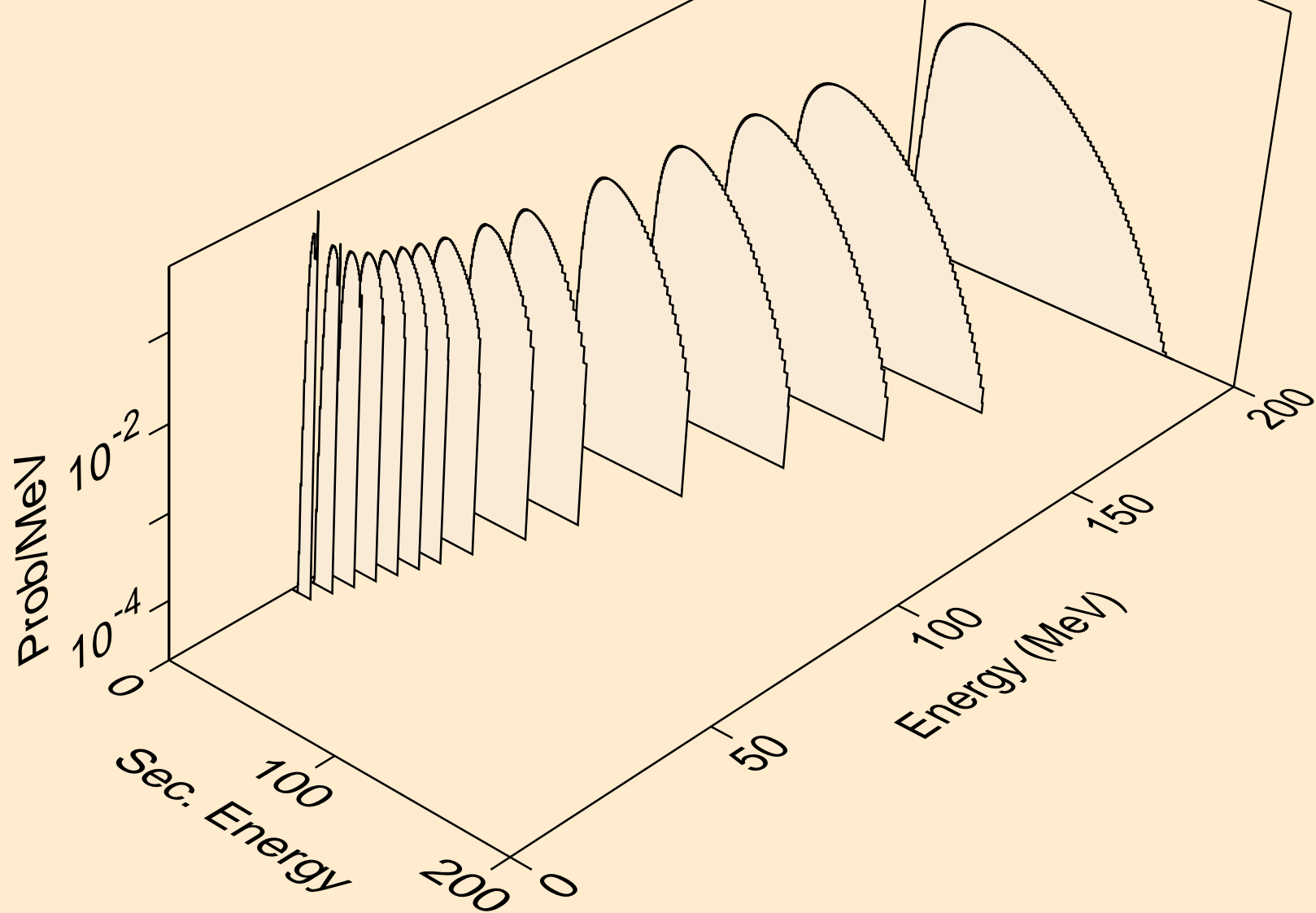
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tritons from (n,t)



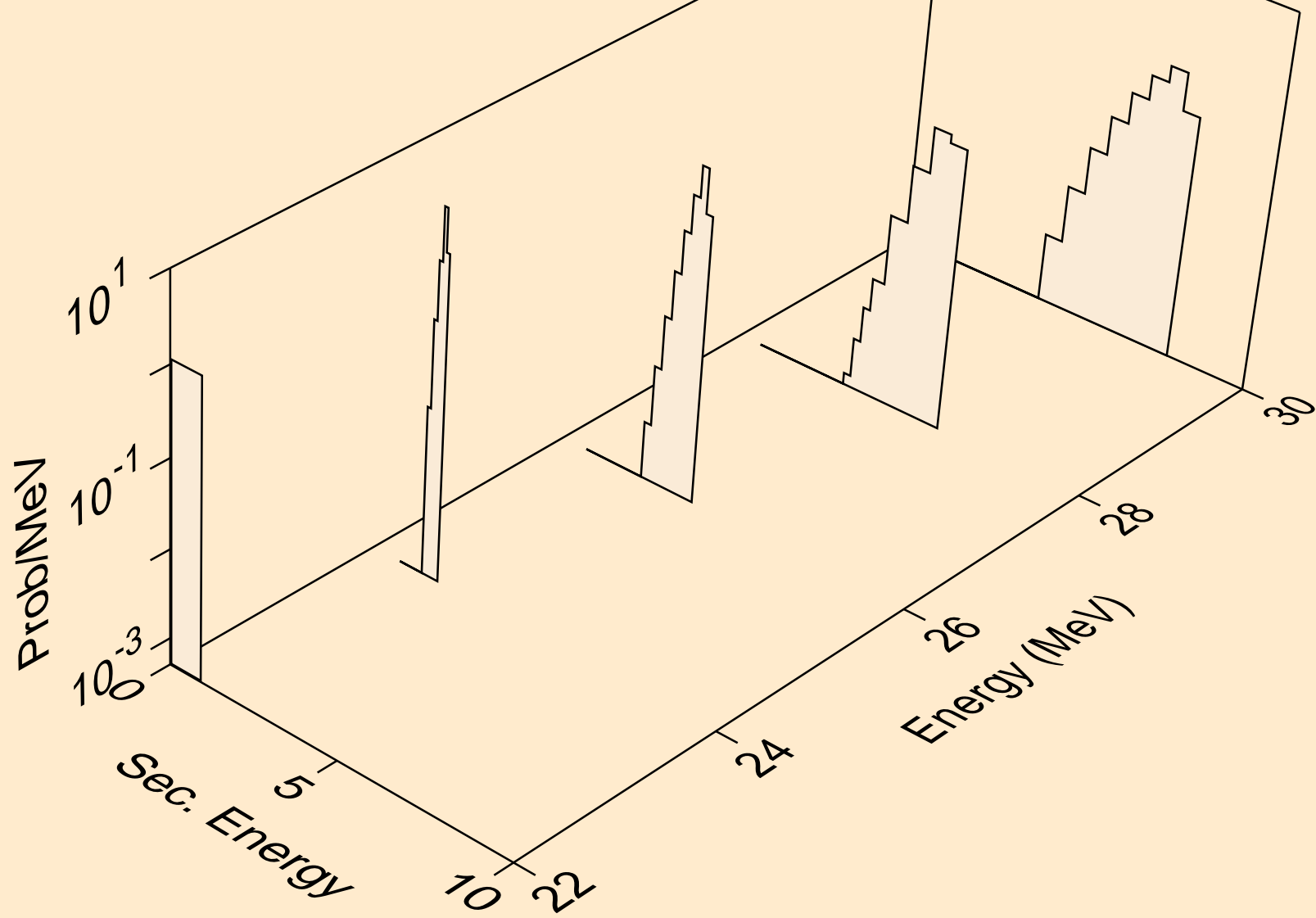
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tritons from (n,pt)



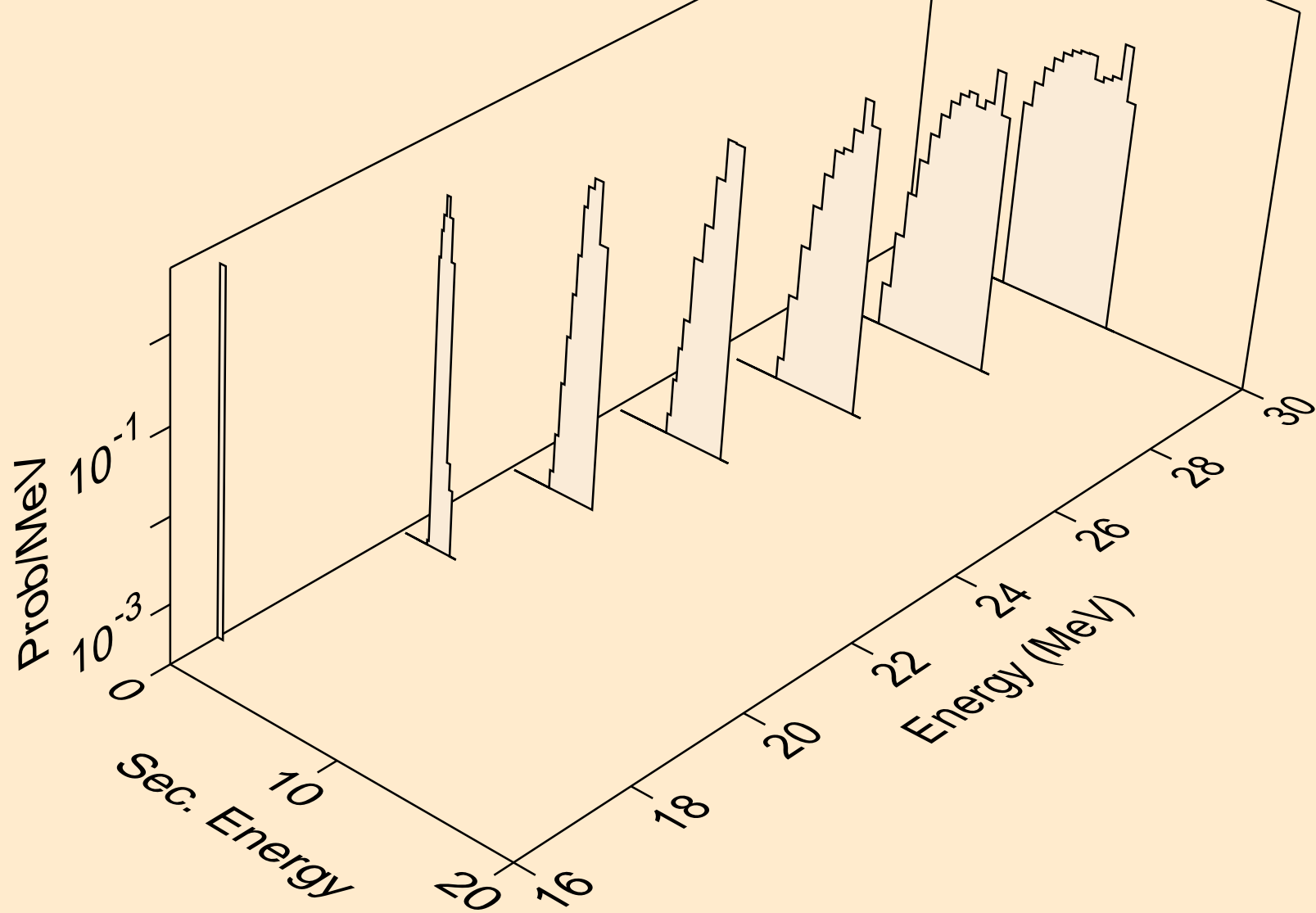
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



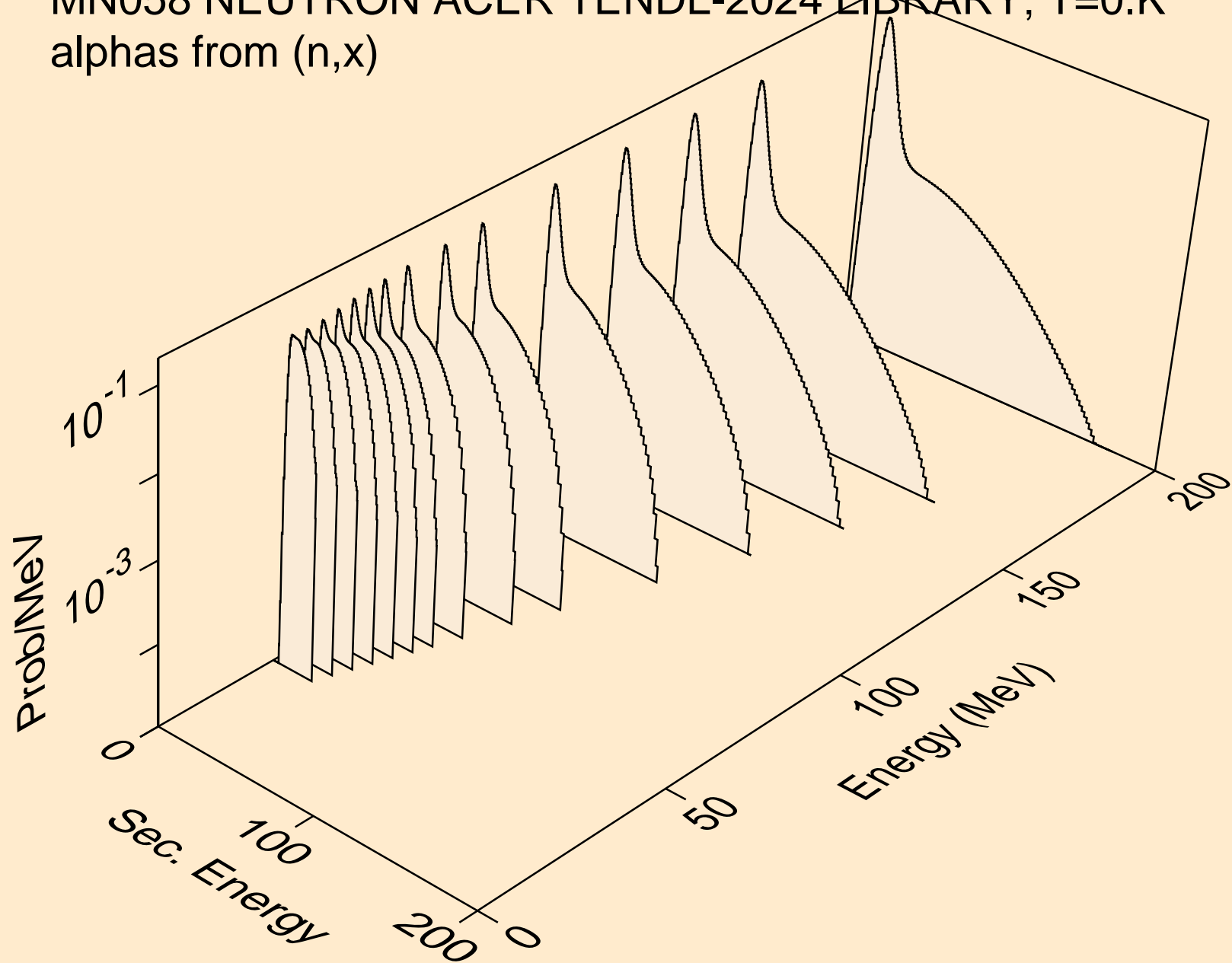
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)

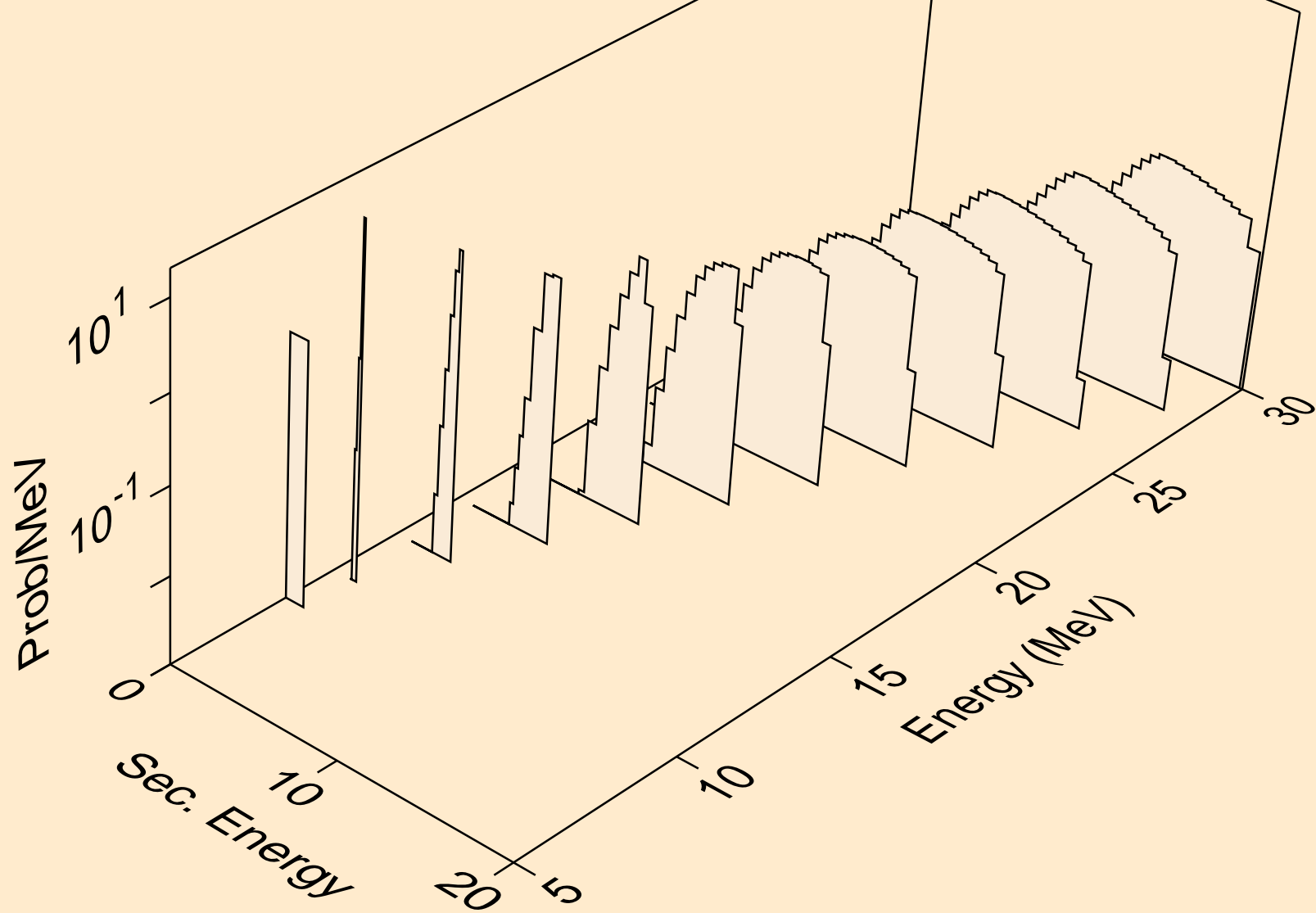


MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

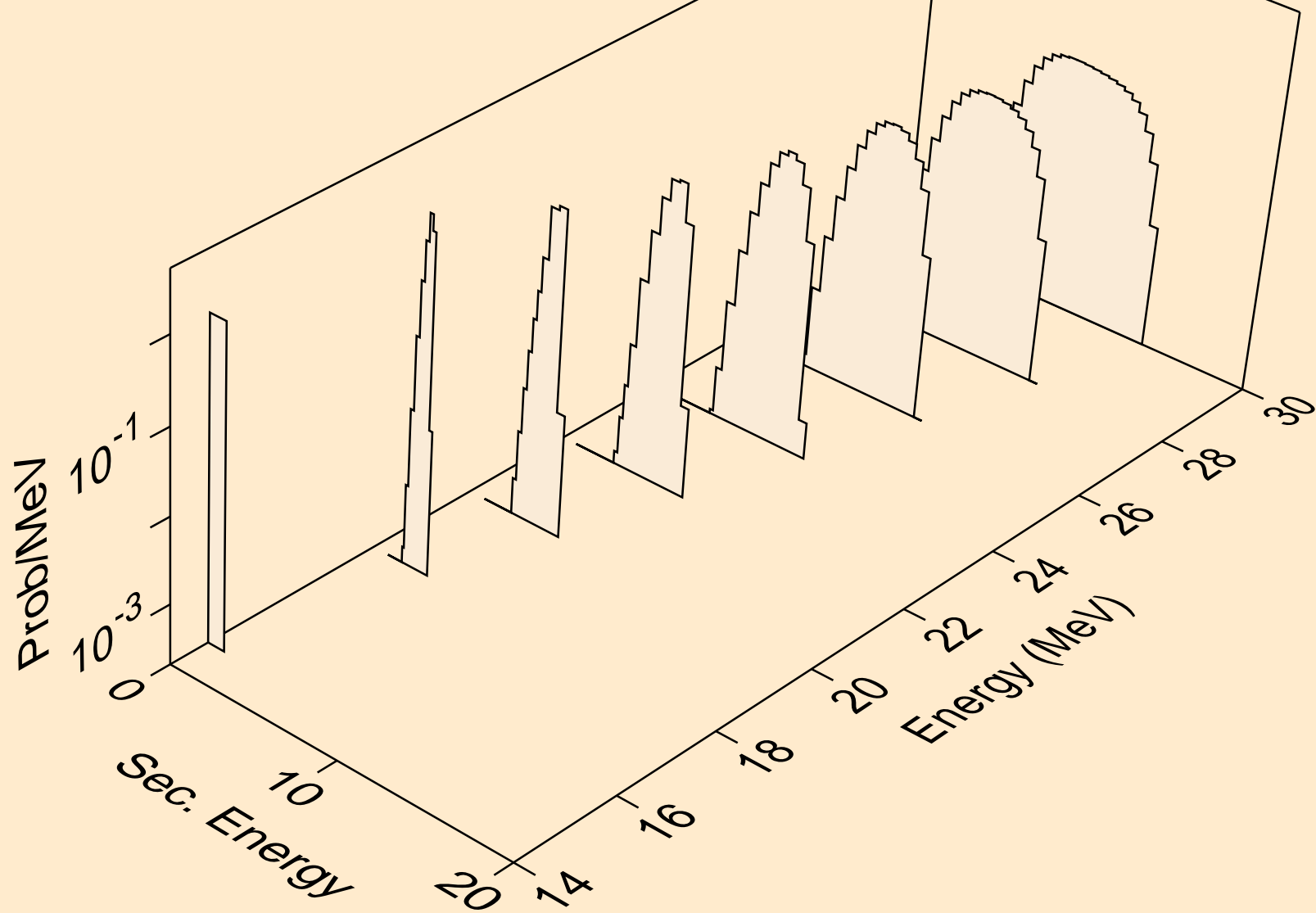




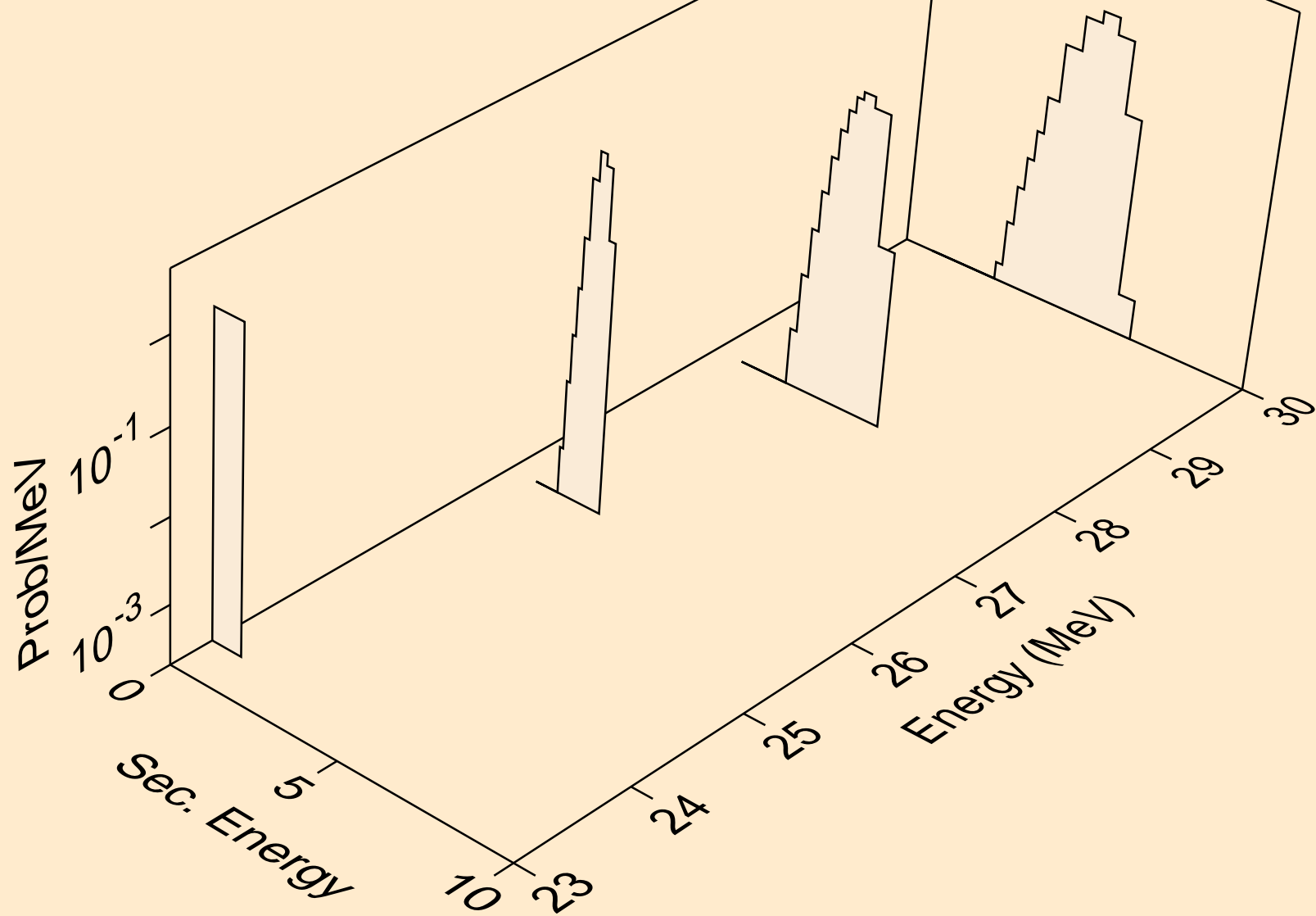
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



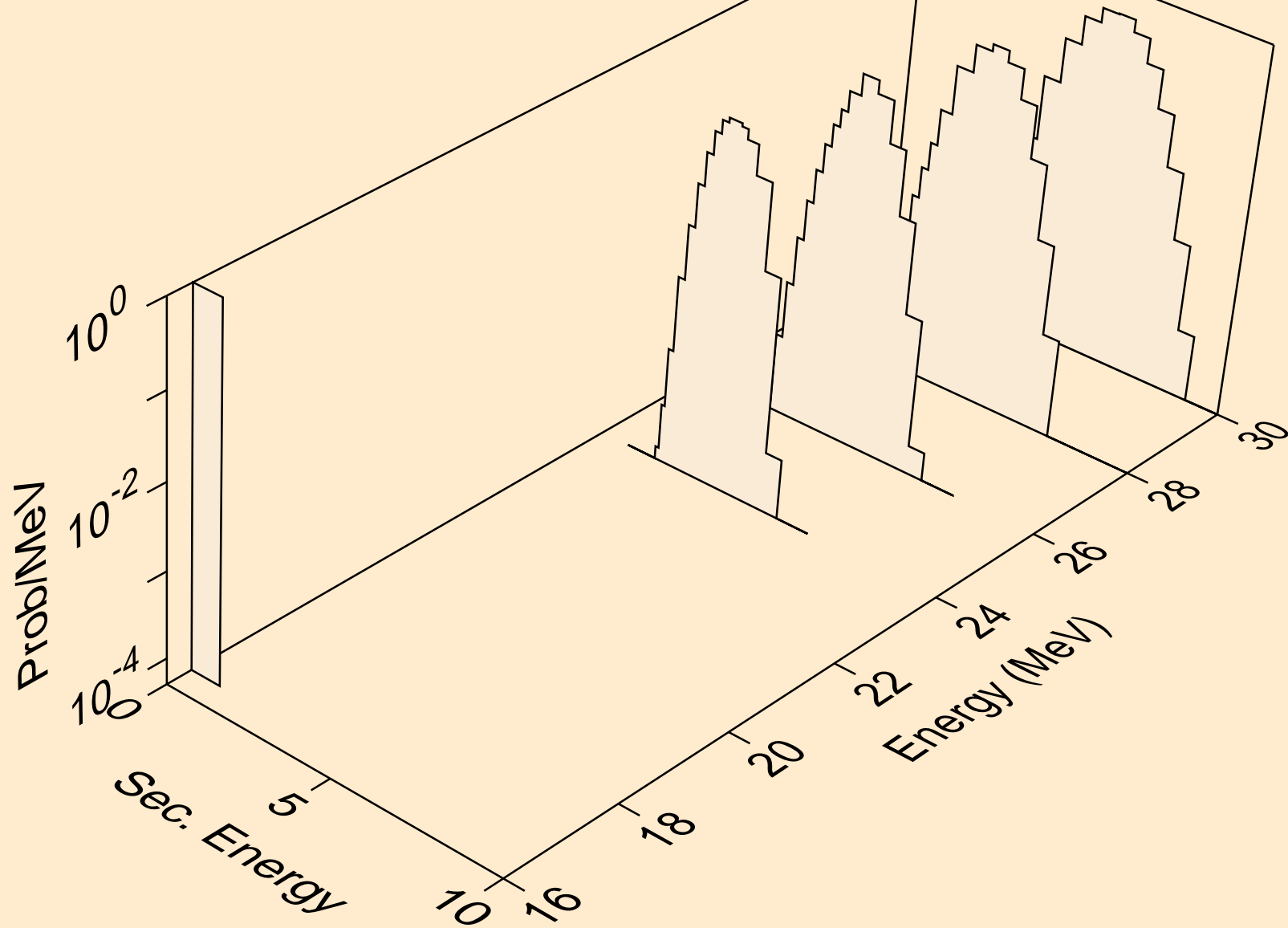
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



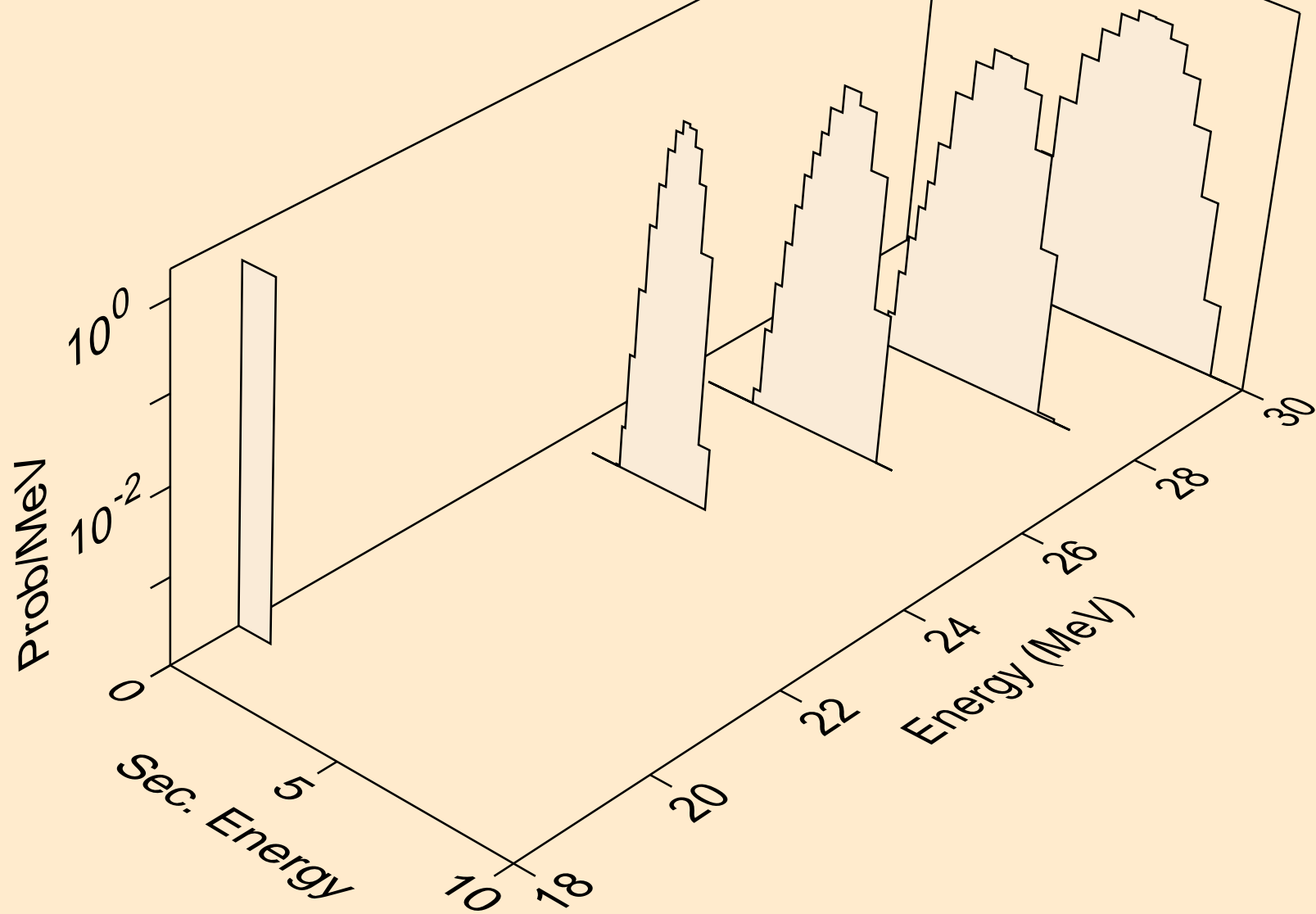
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alphas from (n,3n)a



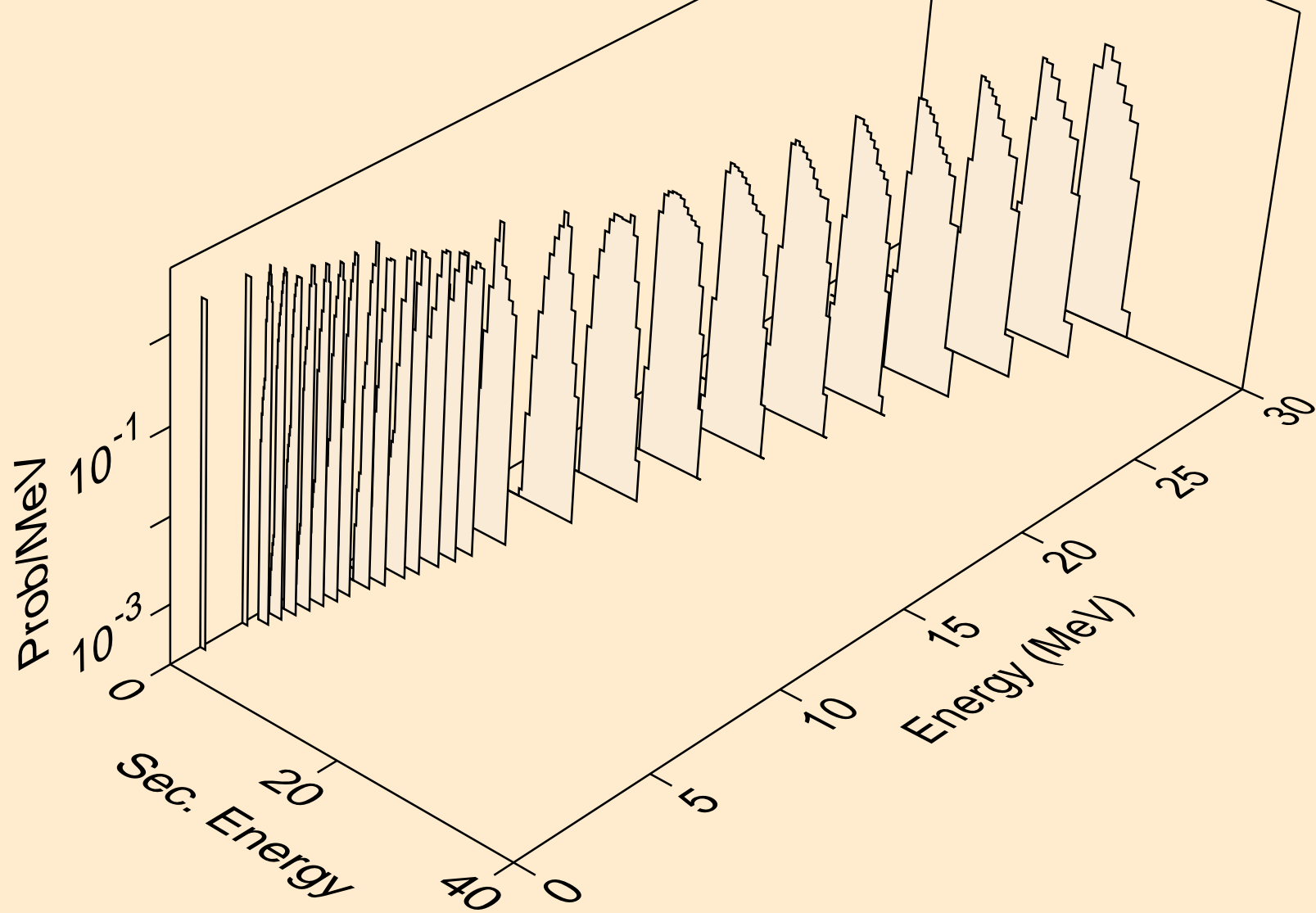
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



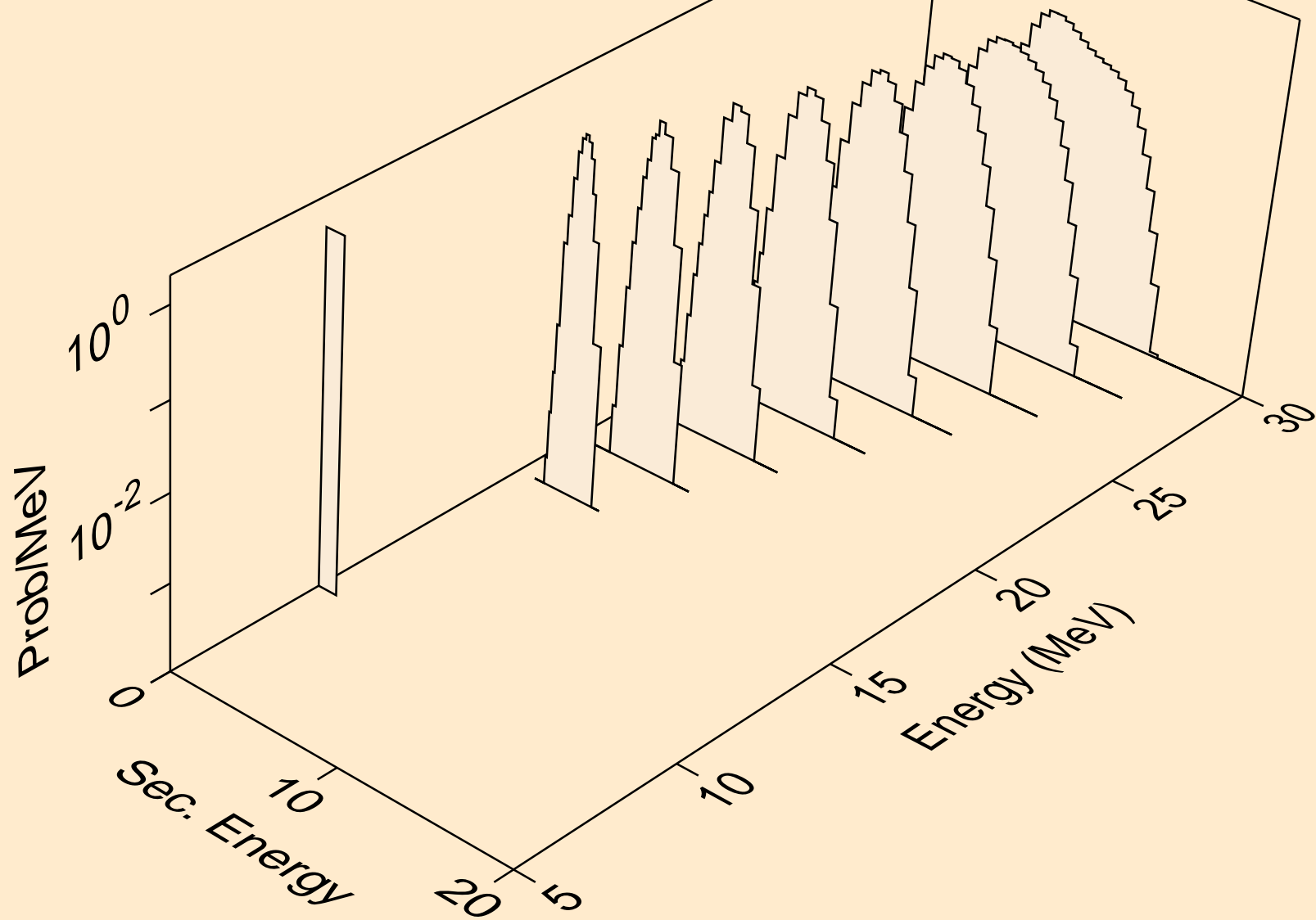
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alphas from (n,npa)



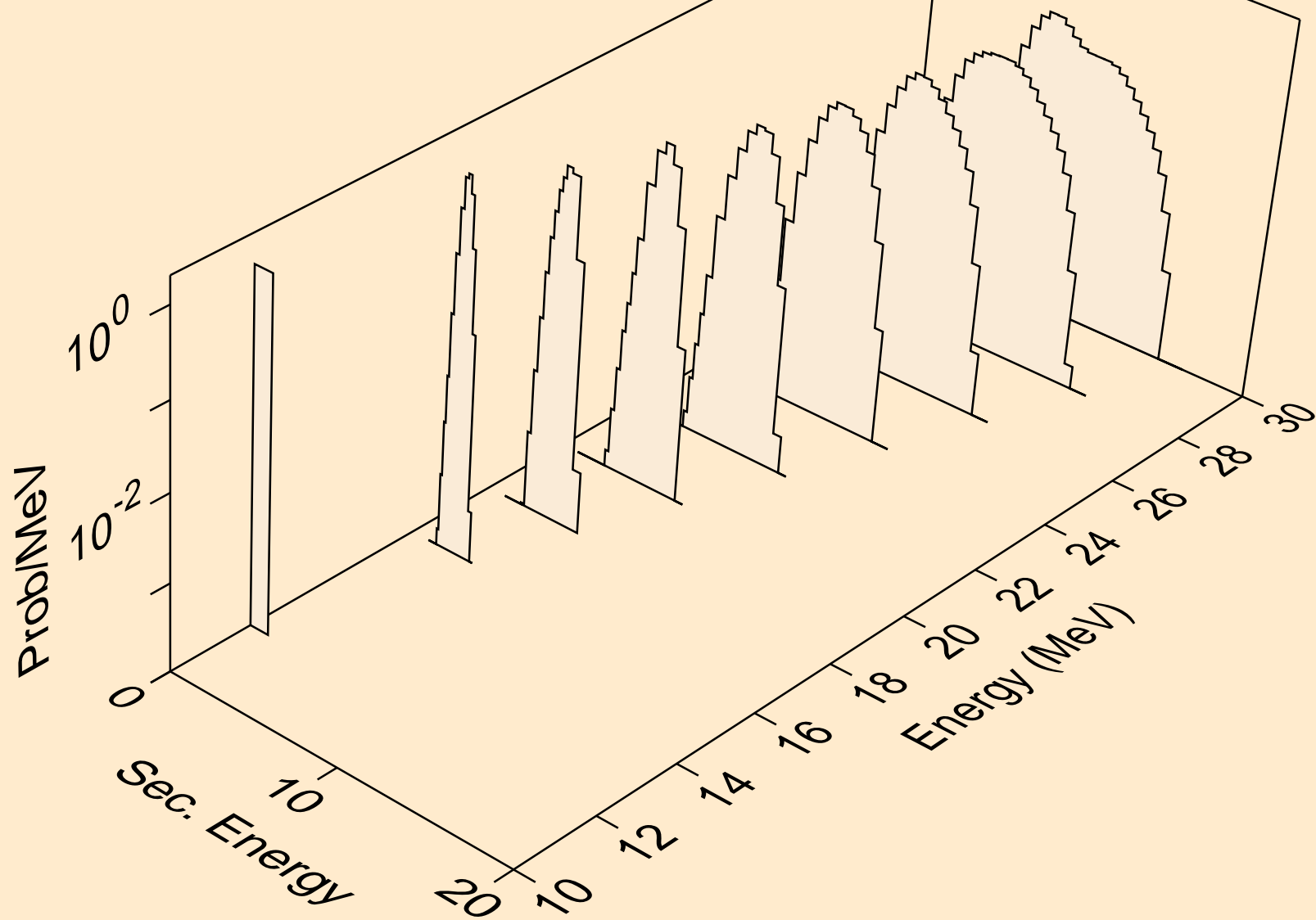
MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





MN058 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

