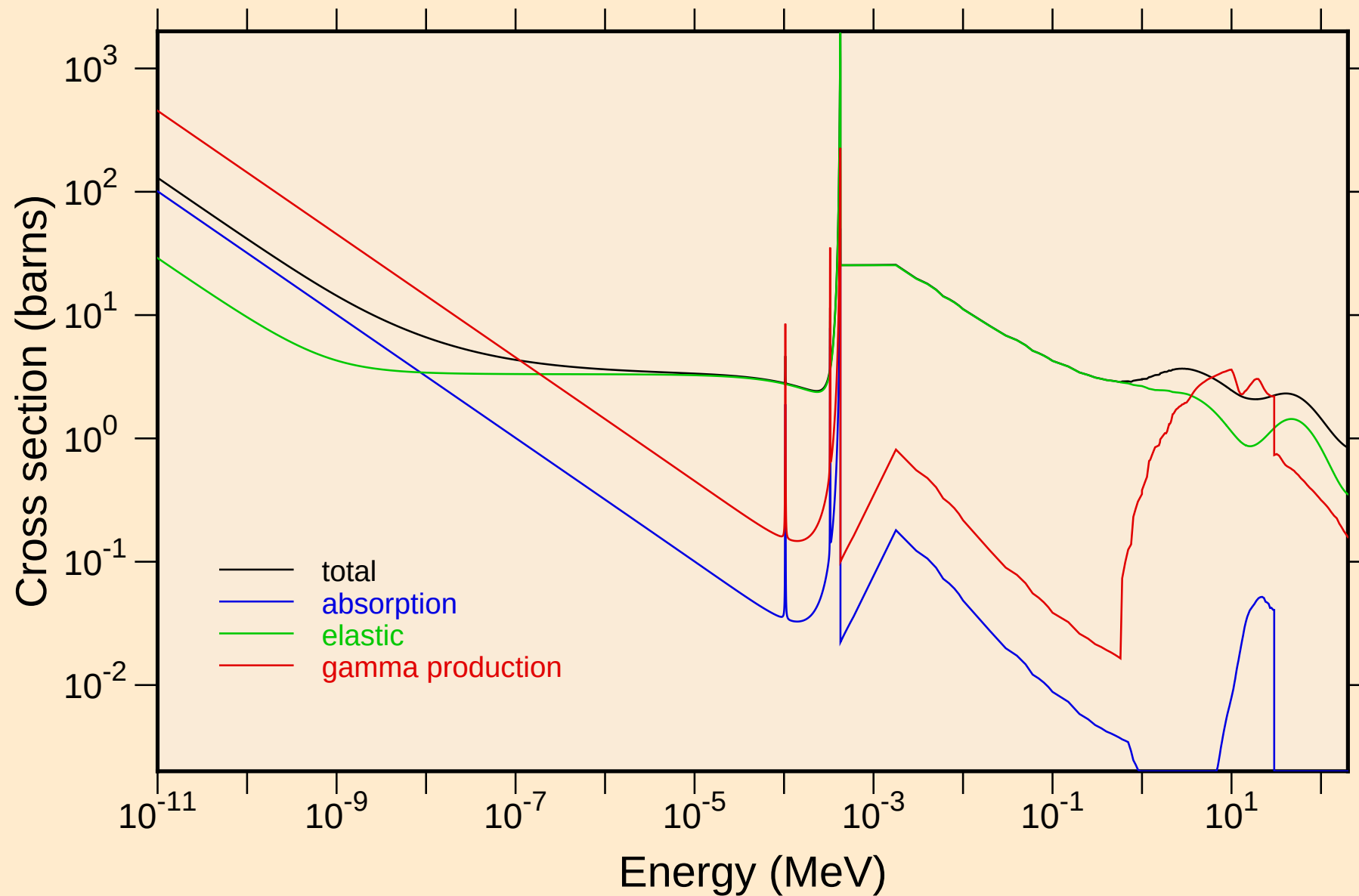
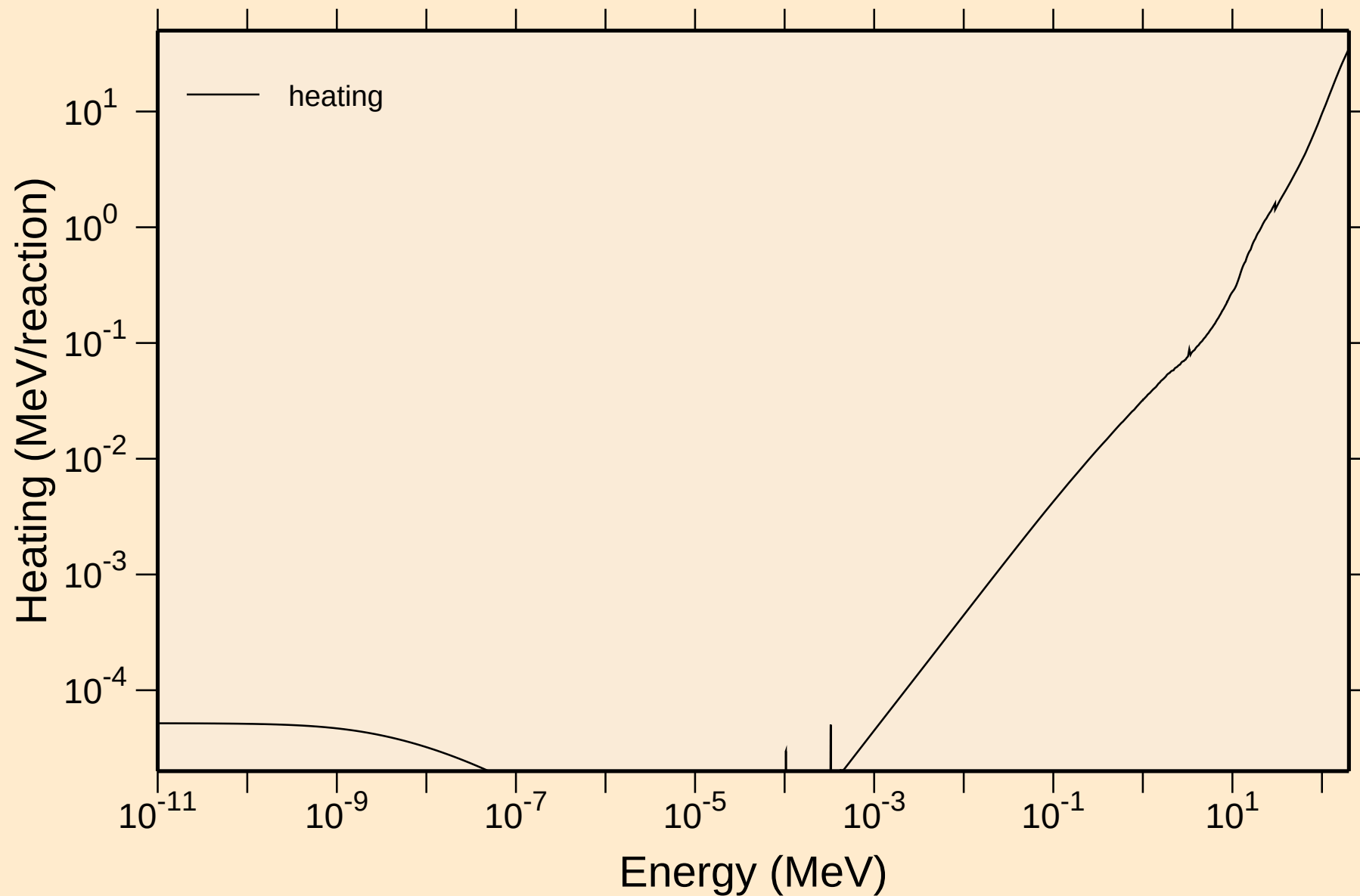


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections



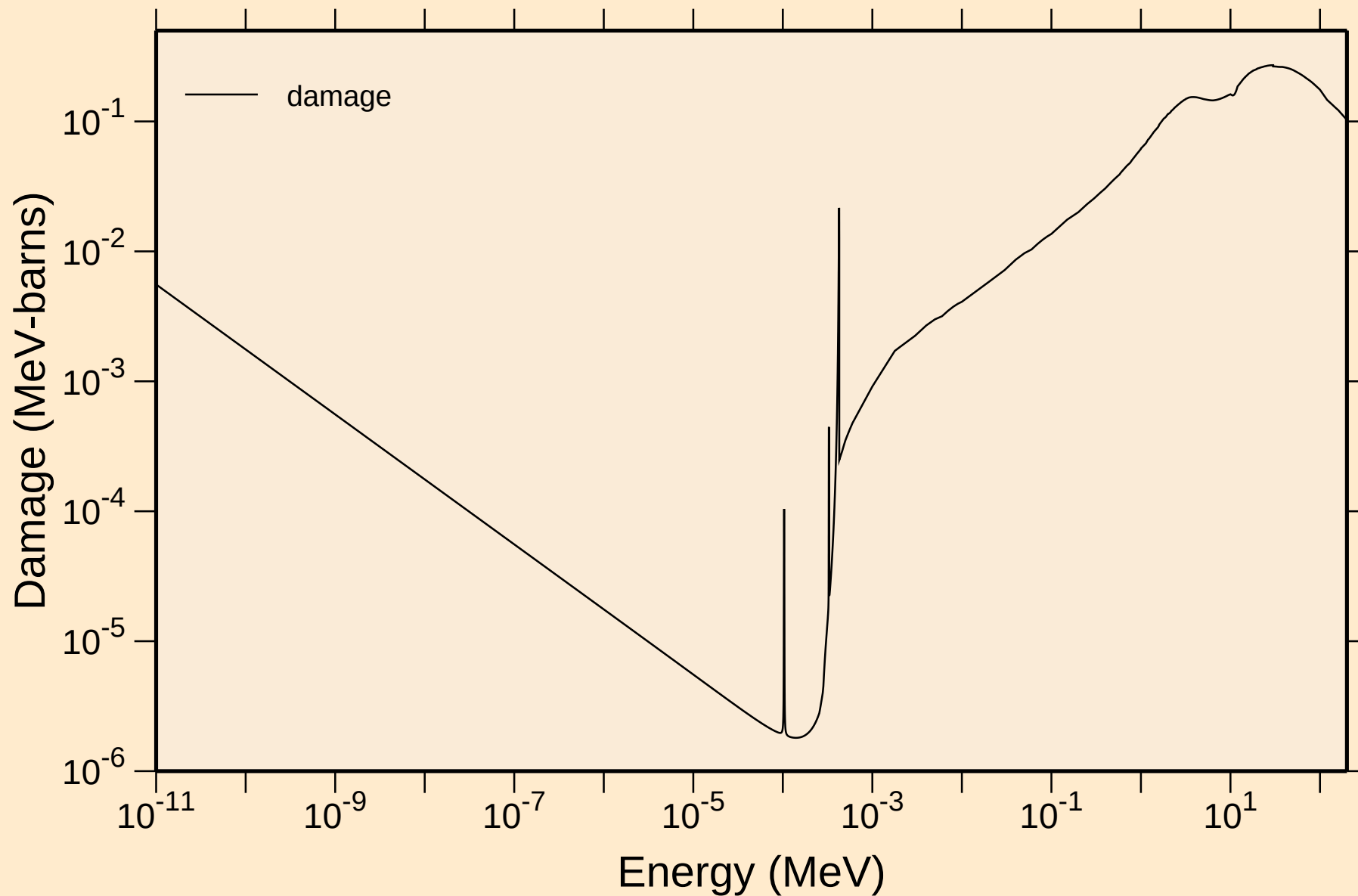
# K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Heating

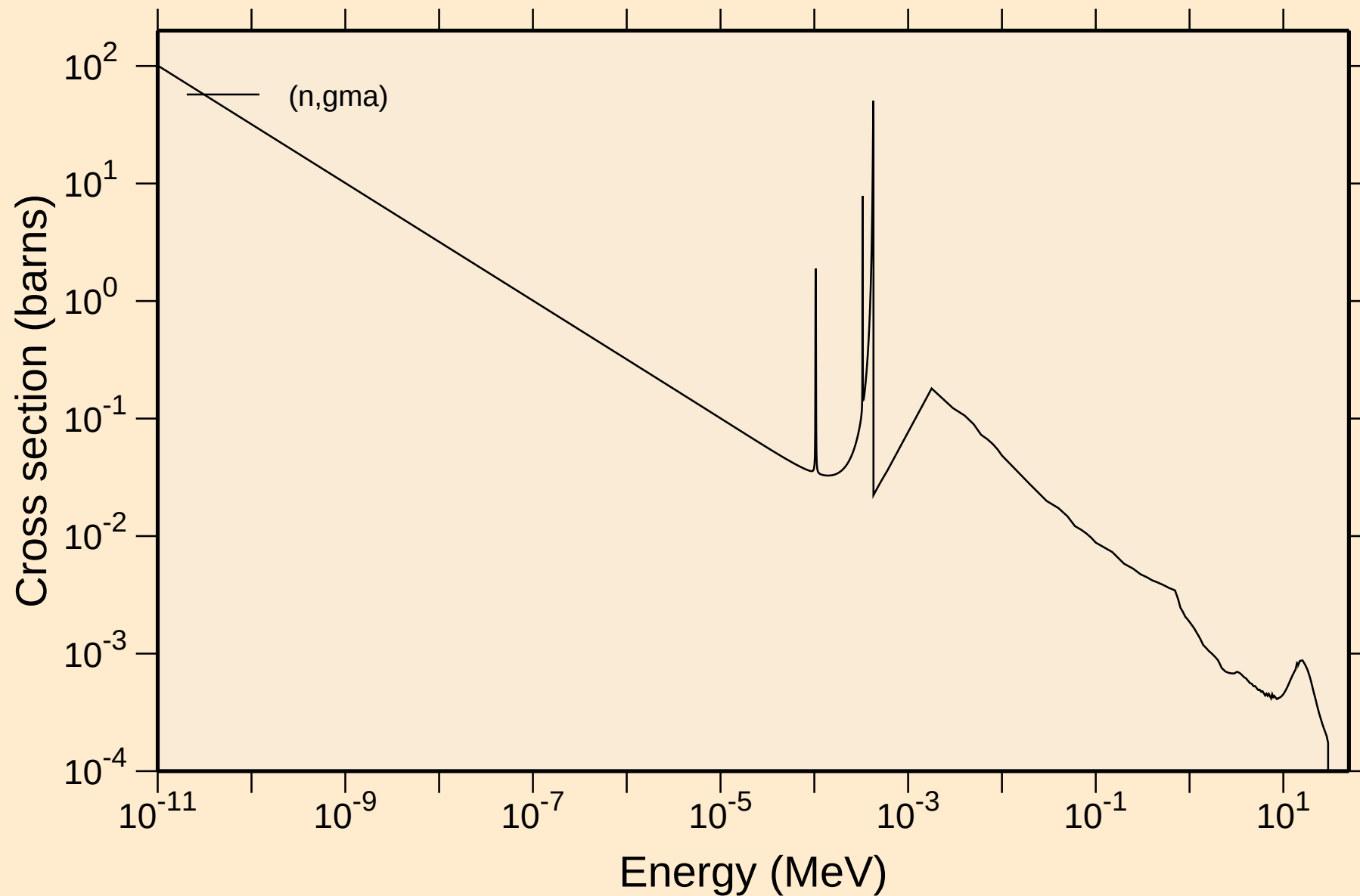


# K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage

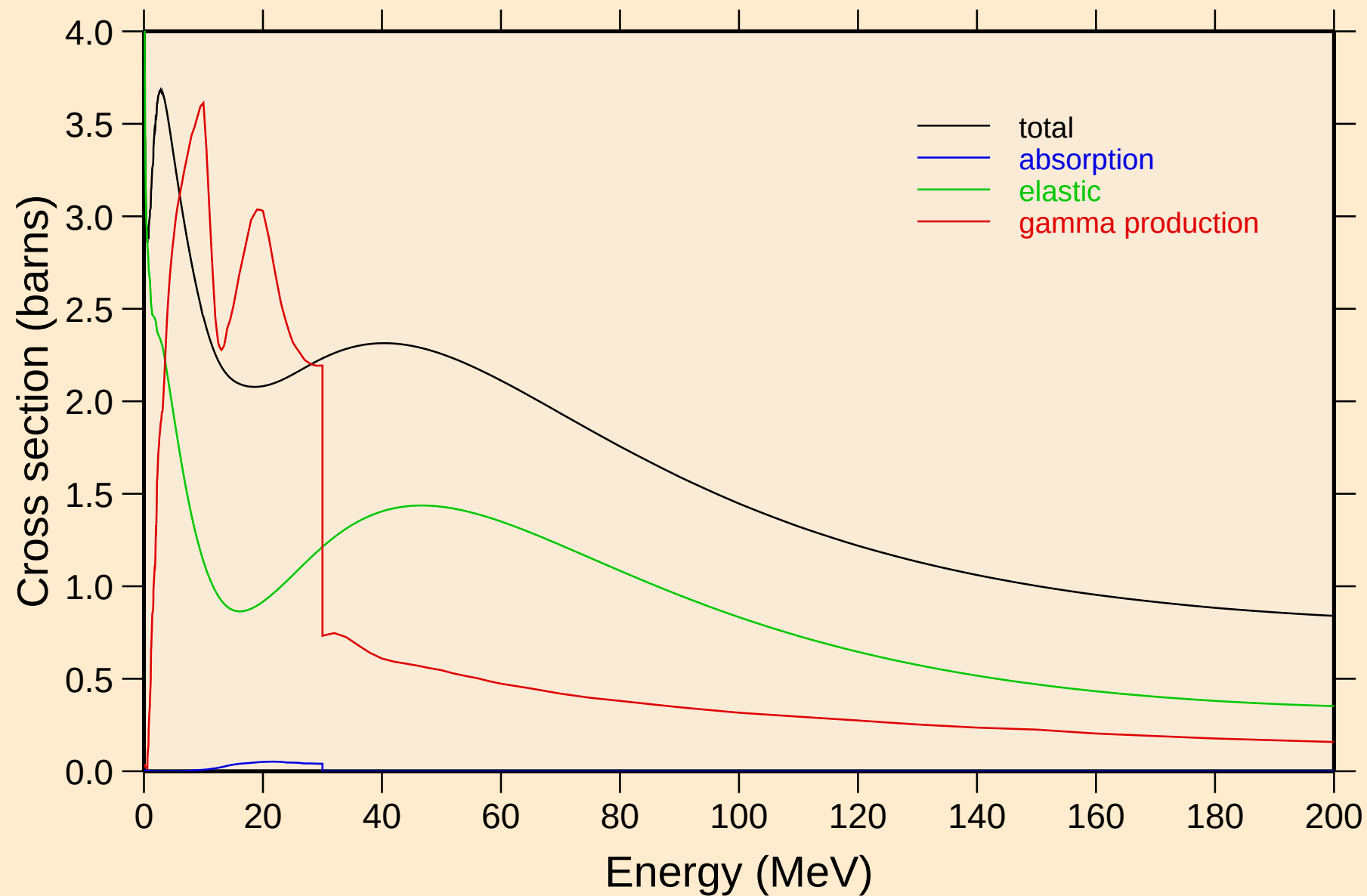


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



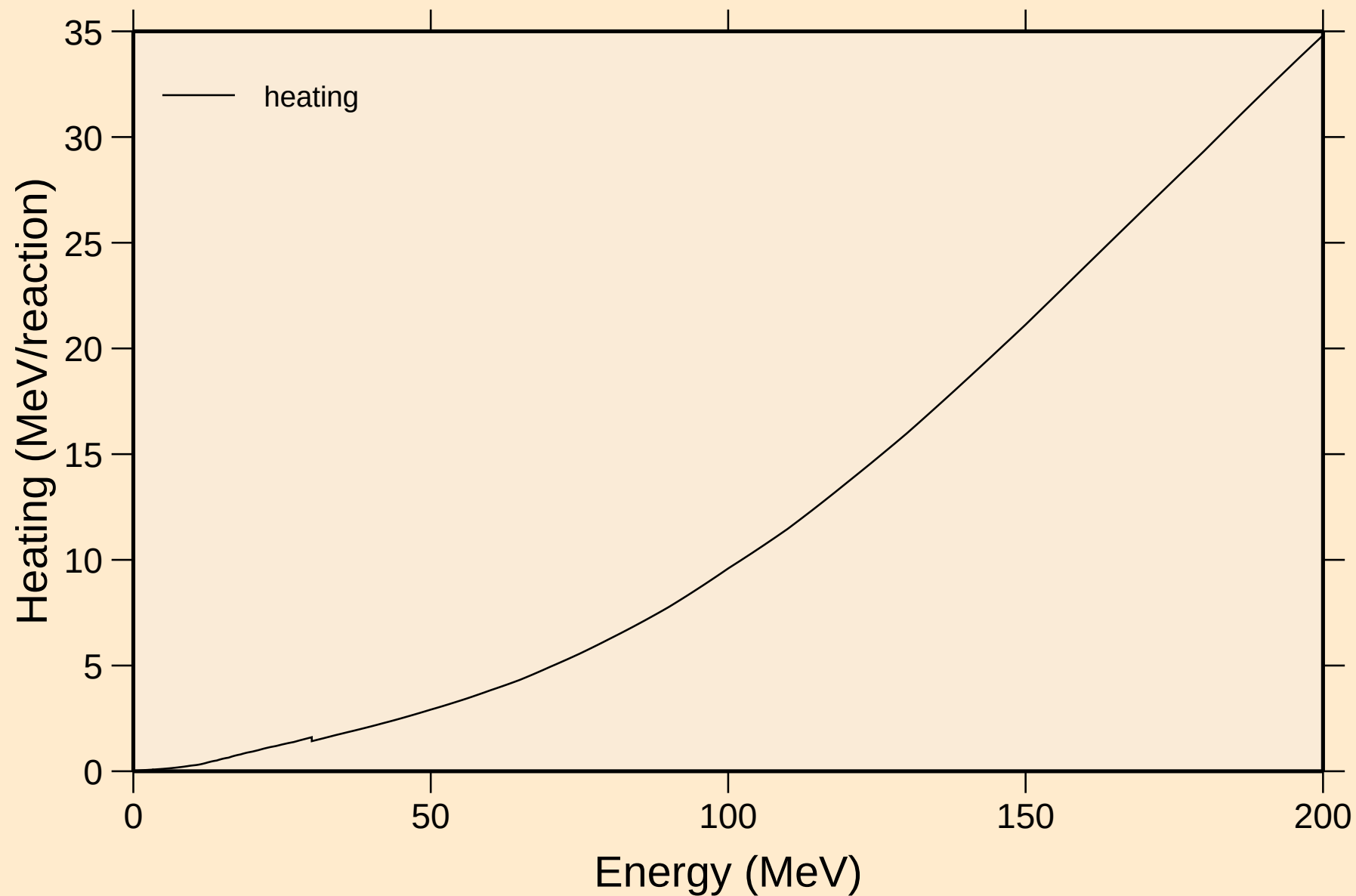
# K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Principal cross sections



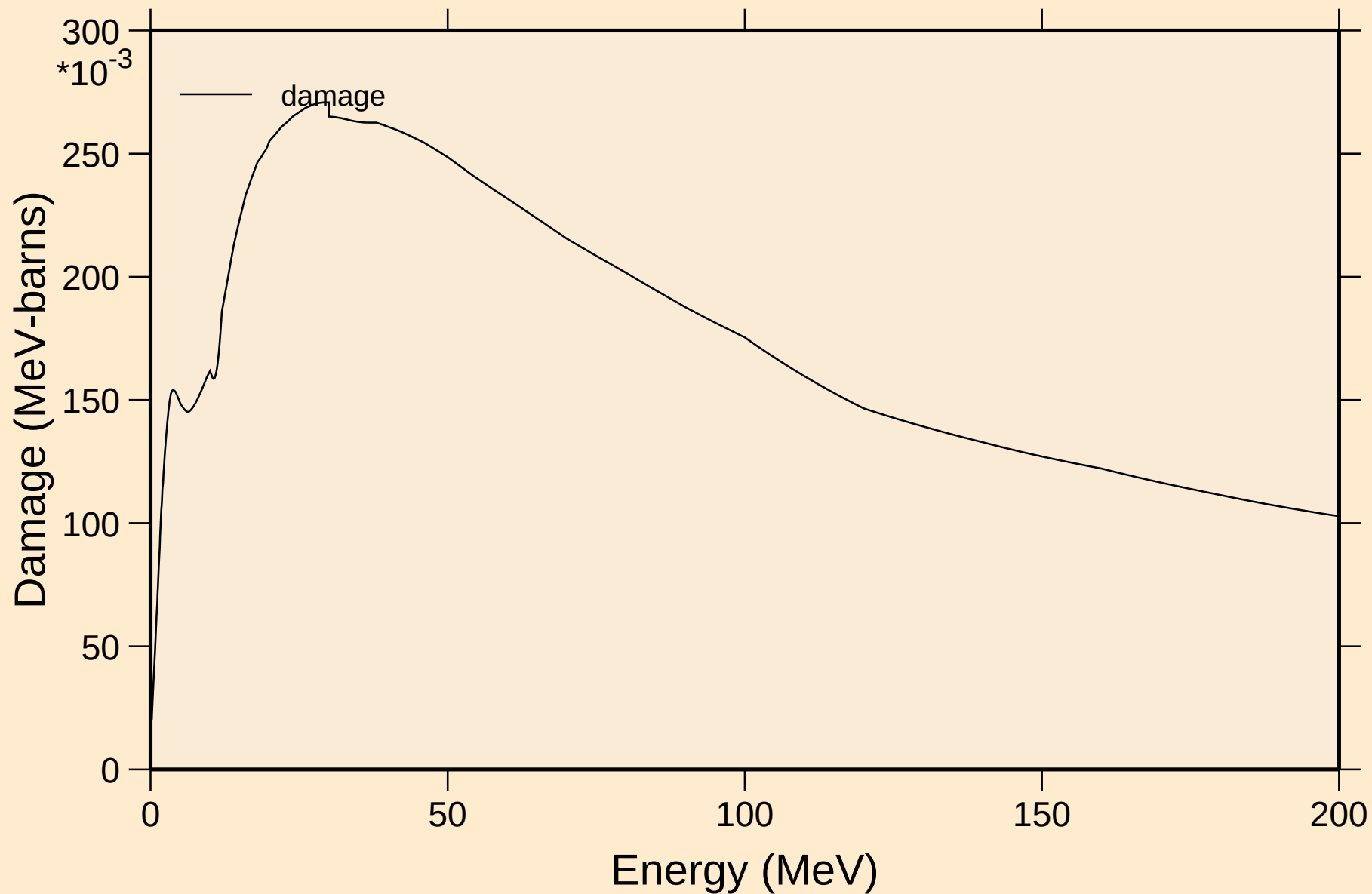
# K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

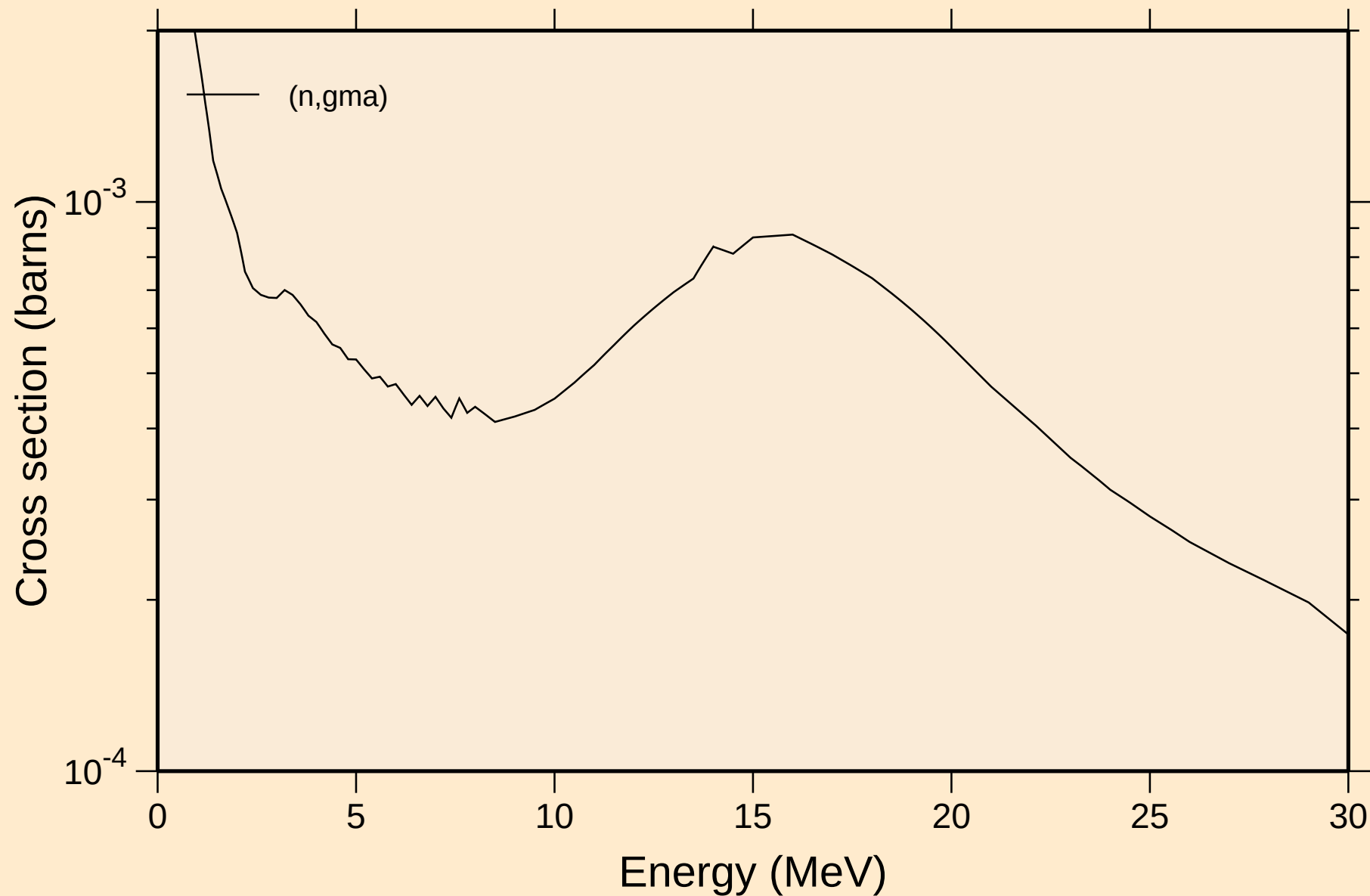


# K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage

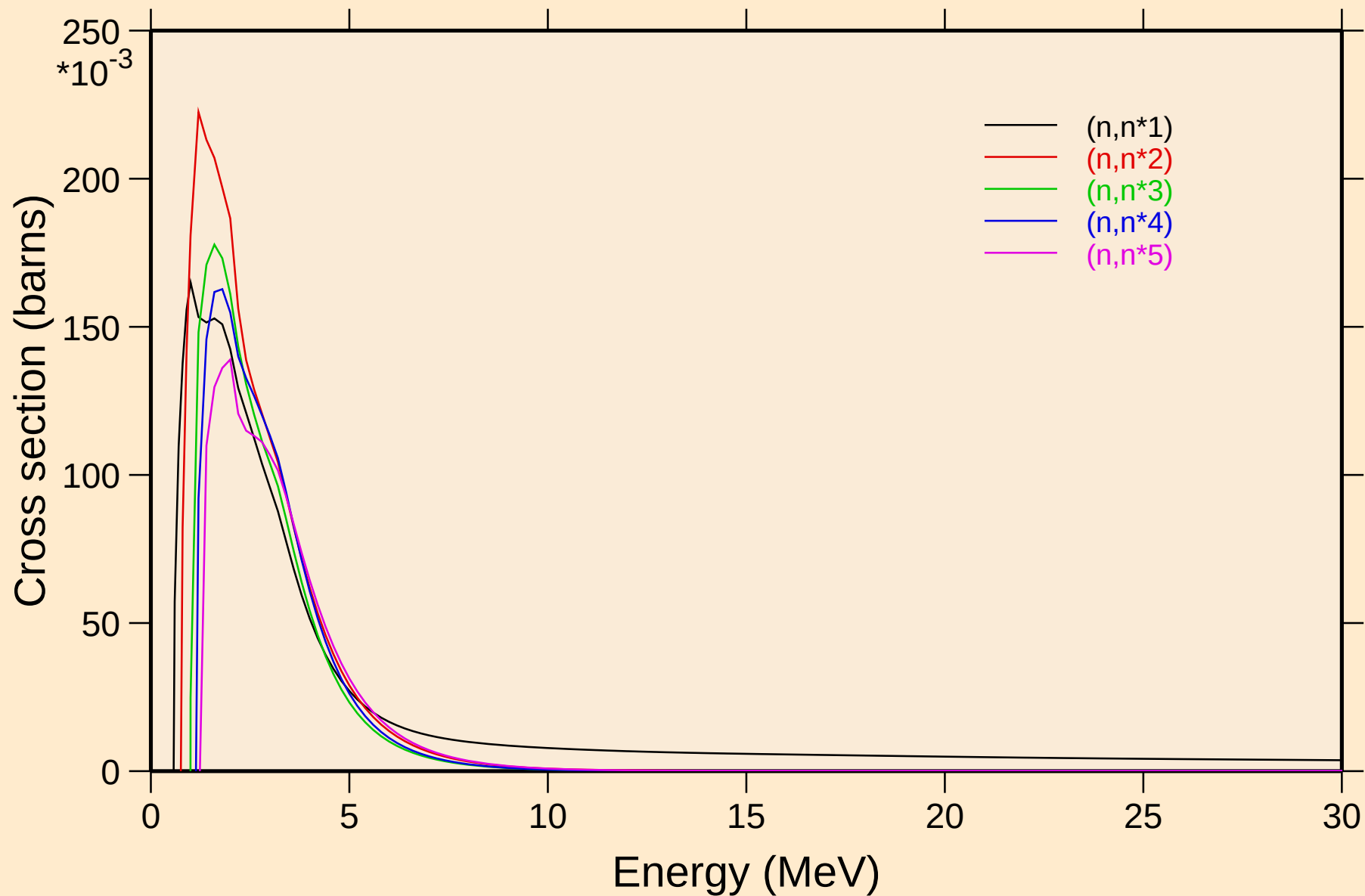


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

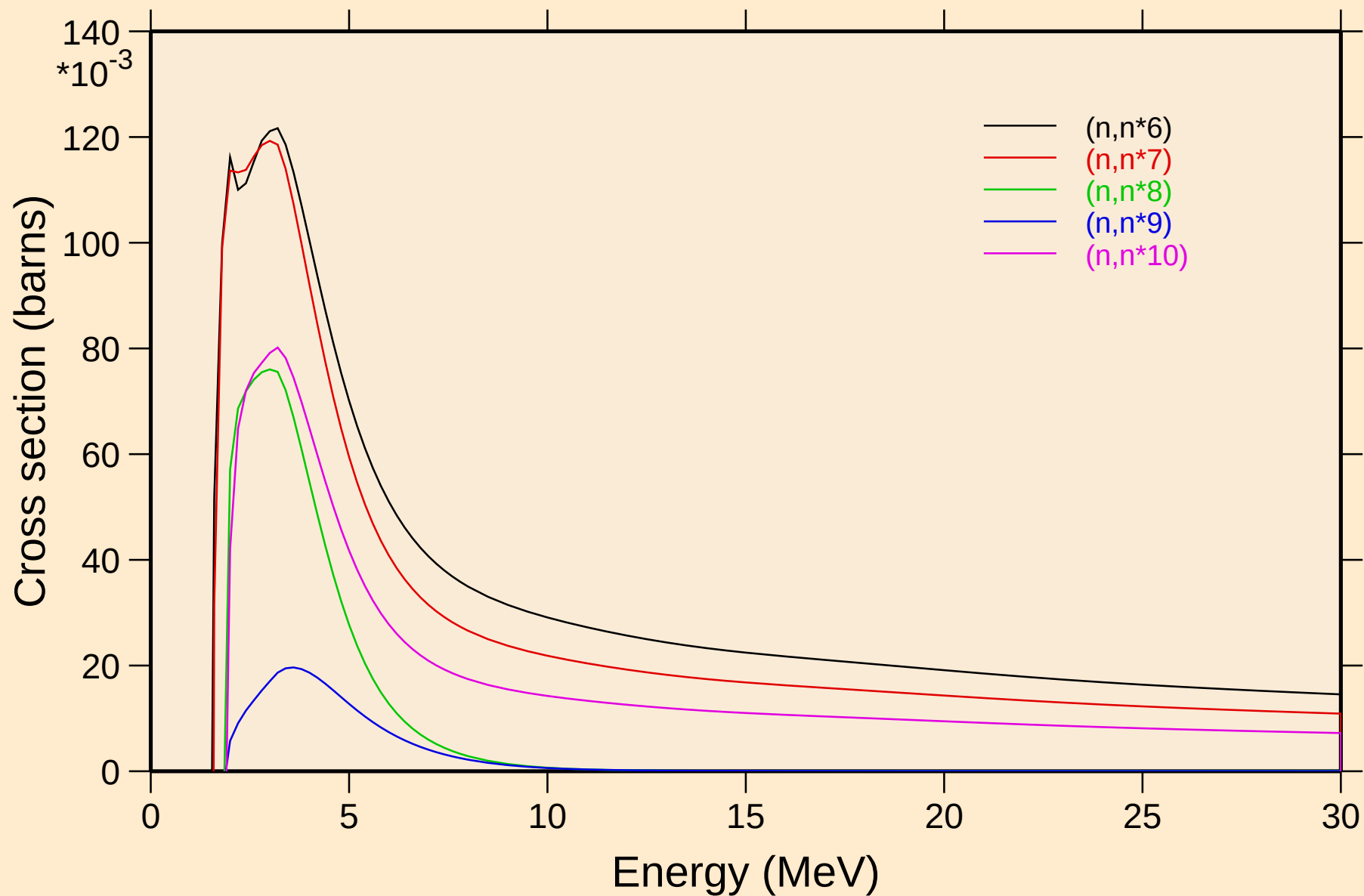




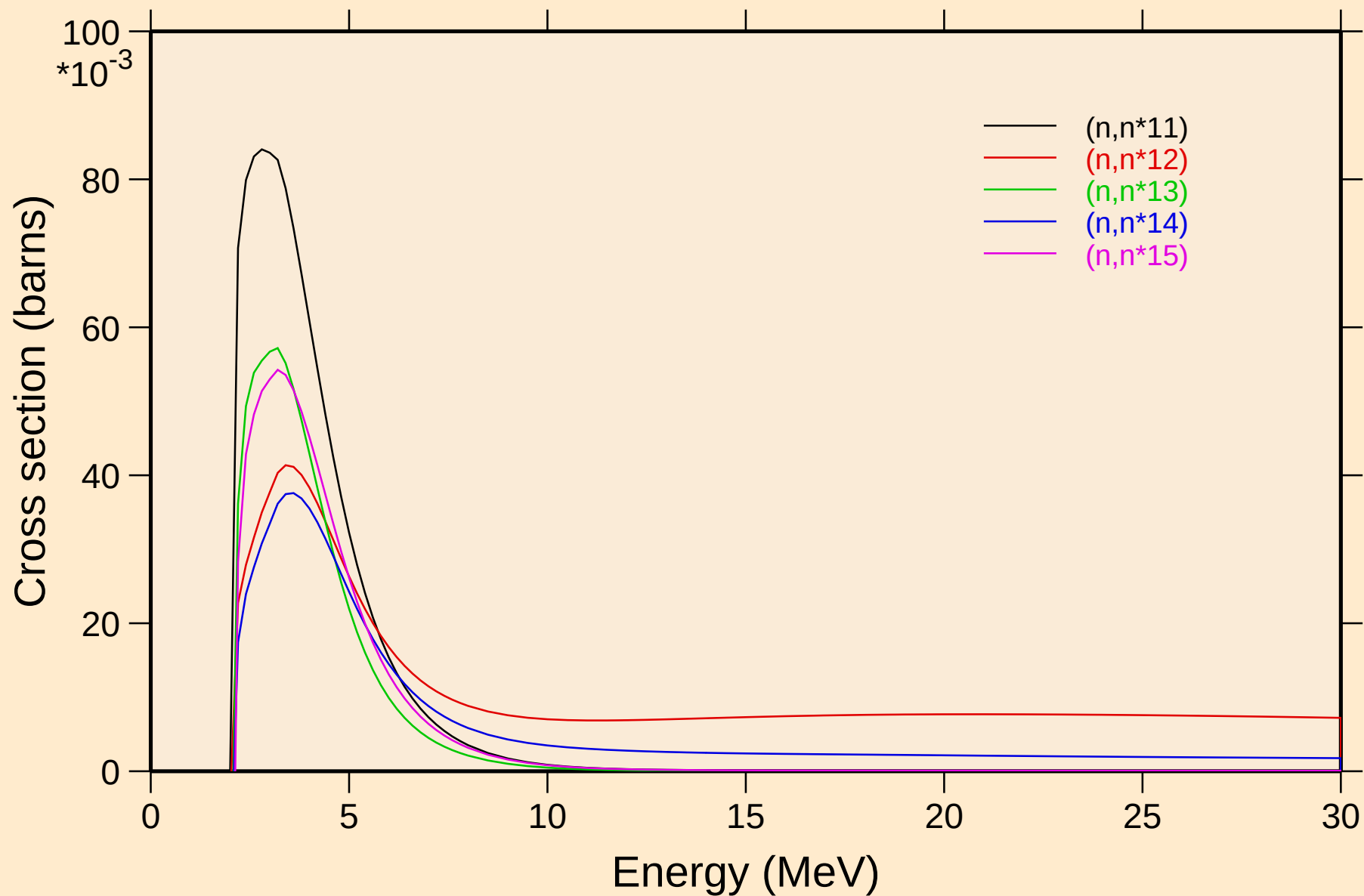
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

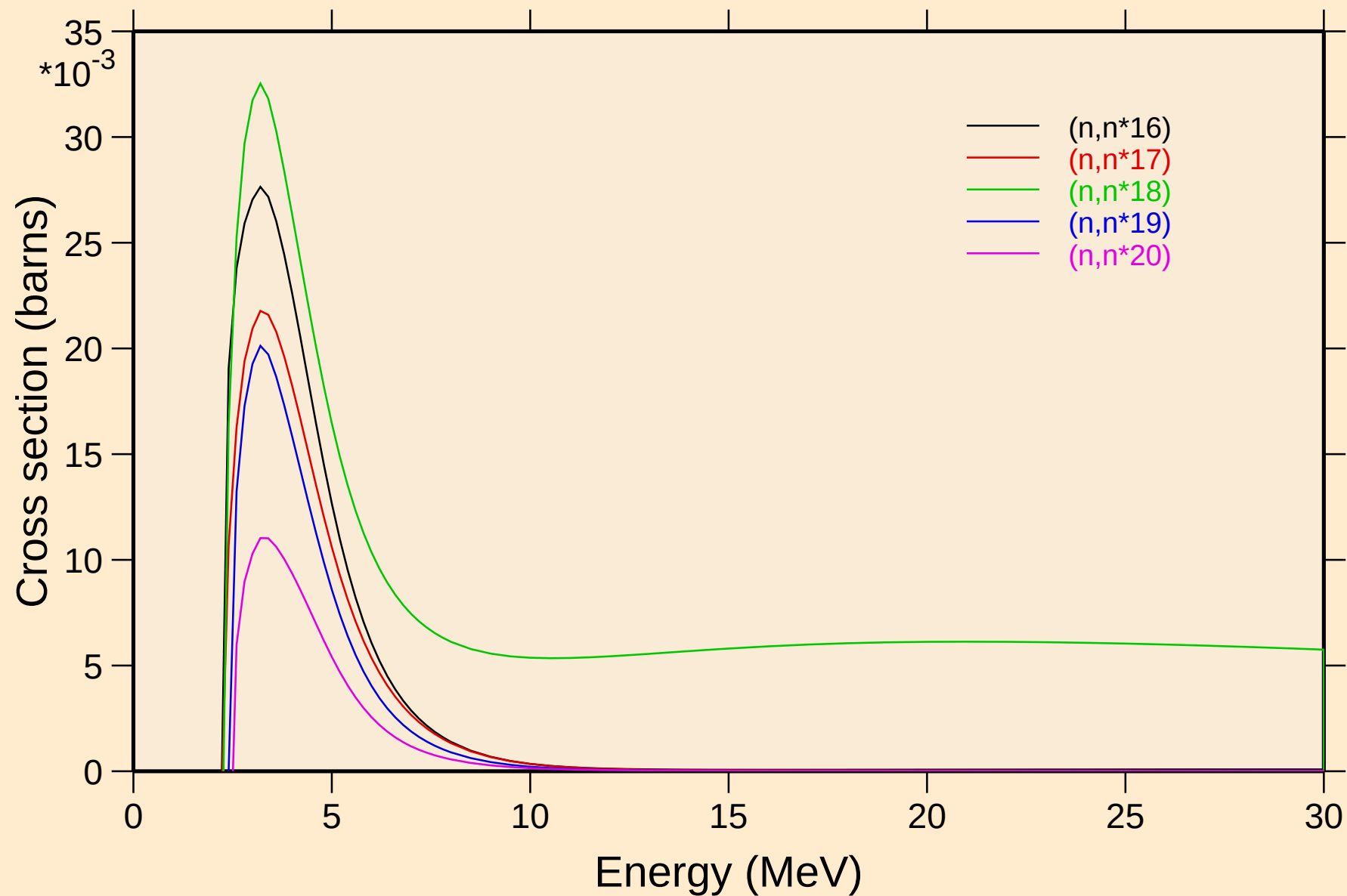


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

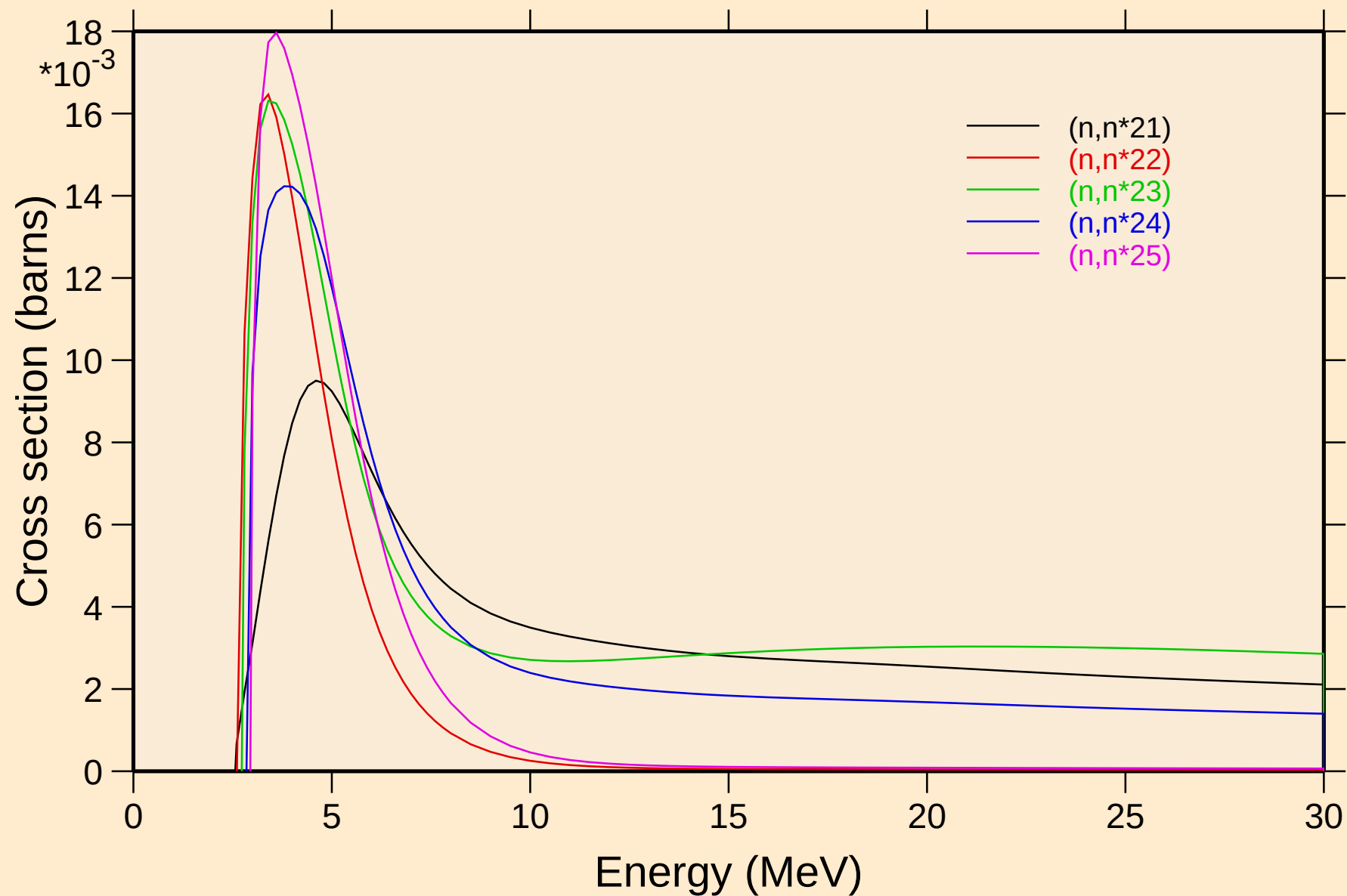


# K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels

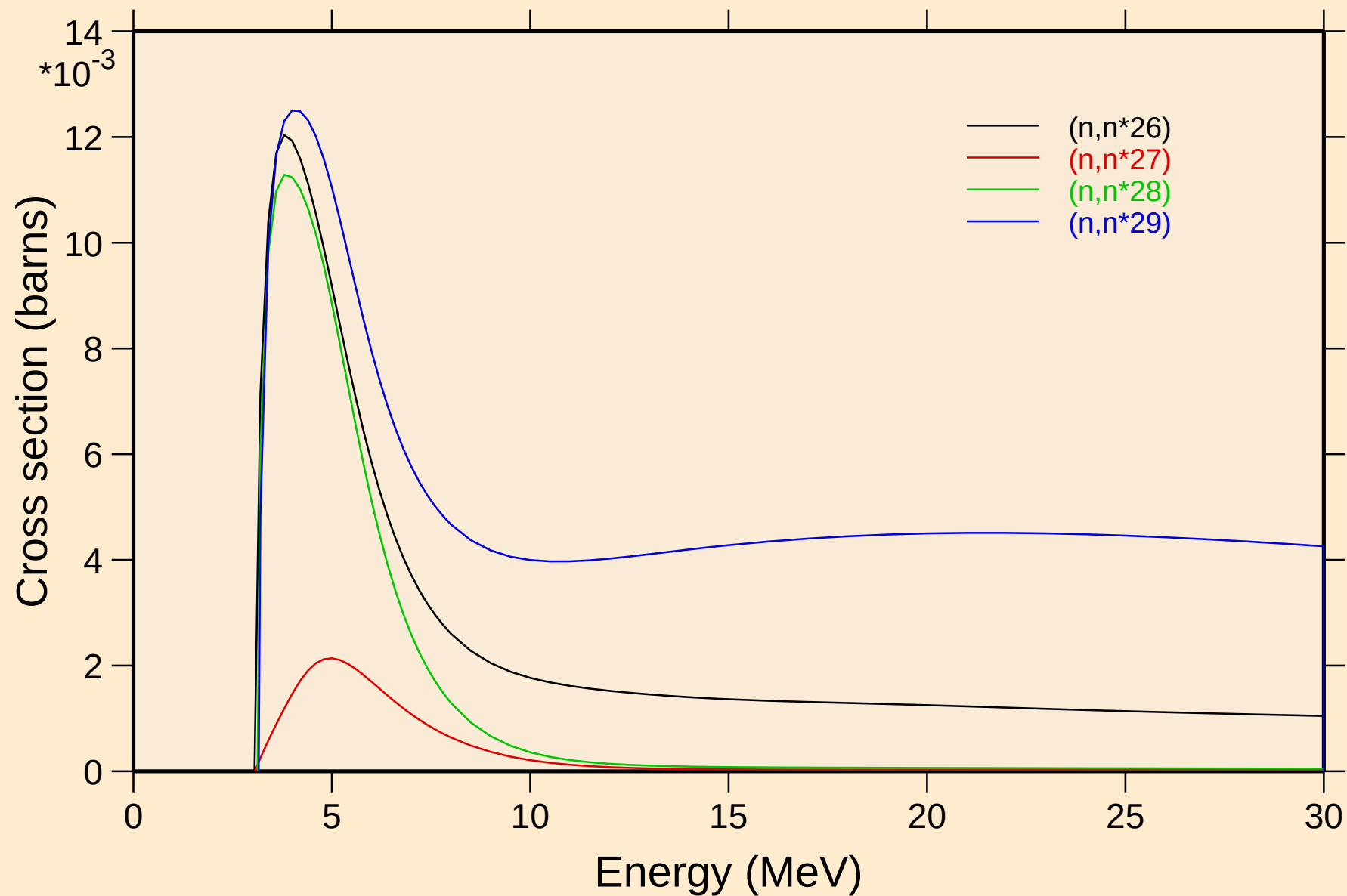


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



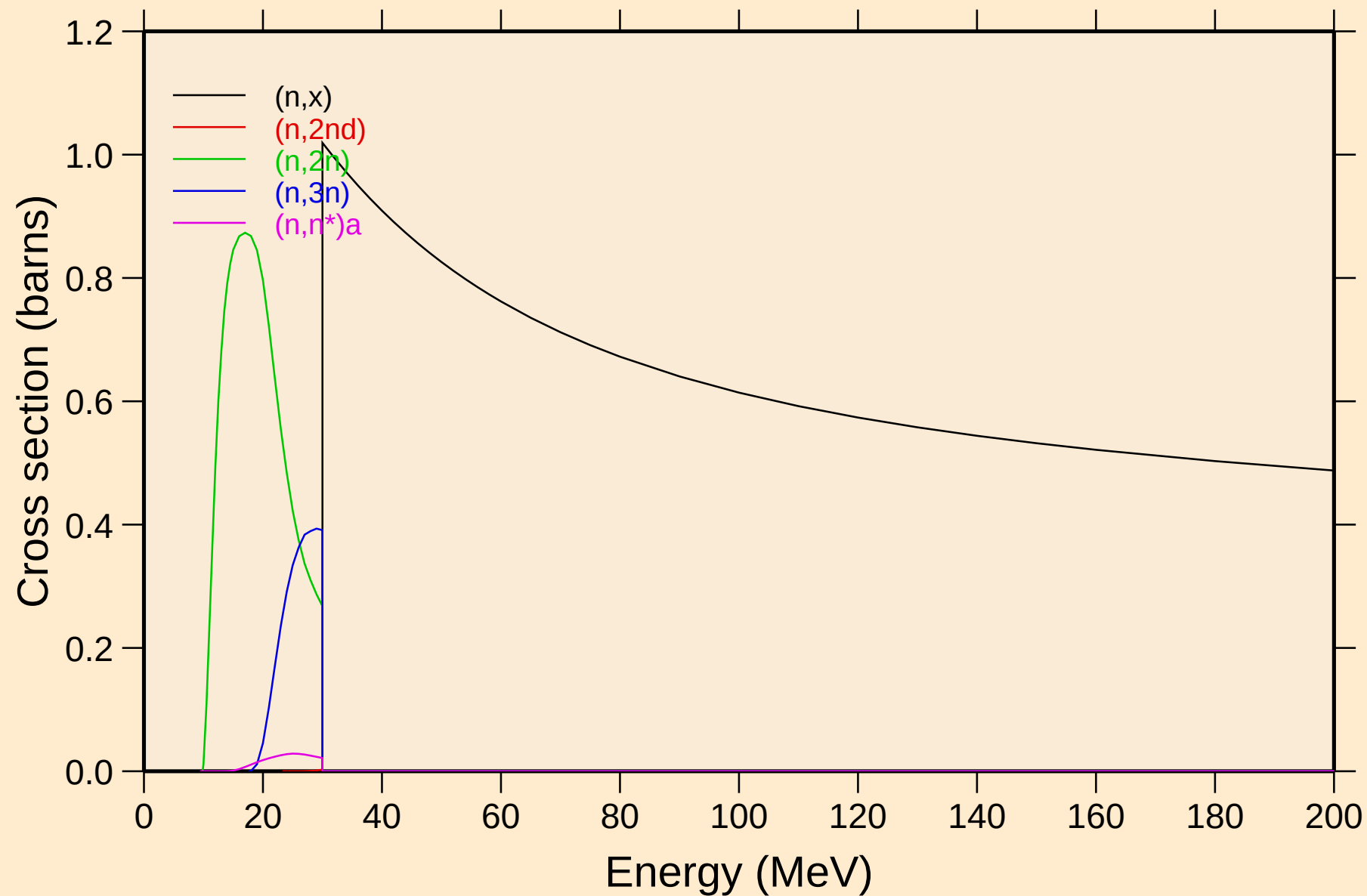
# K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Inelastic levels



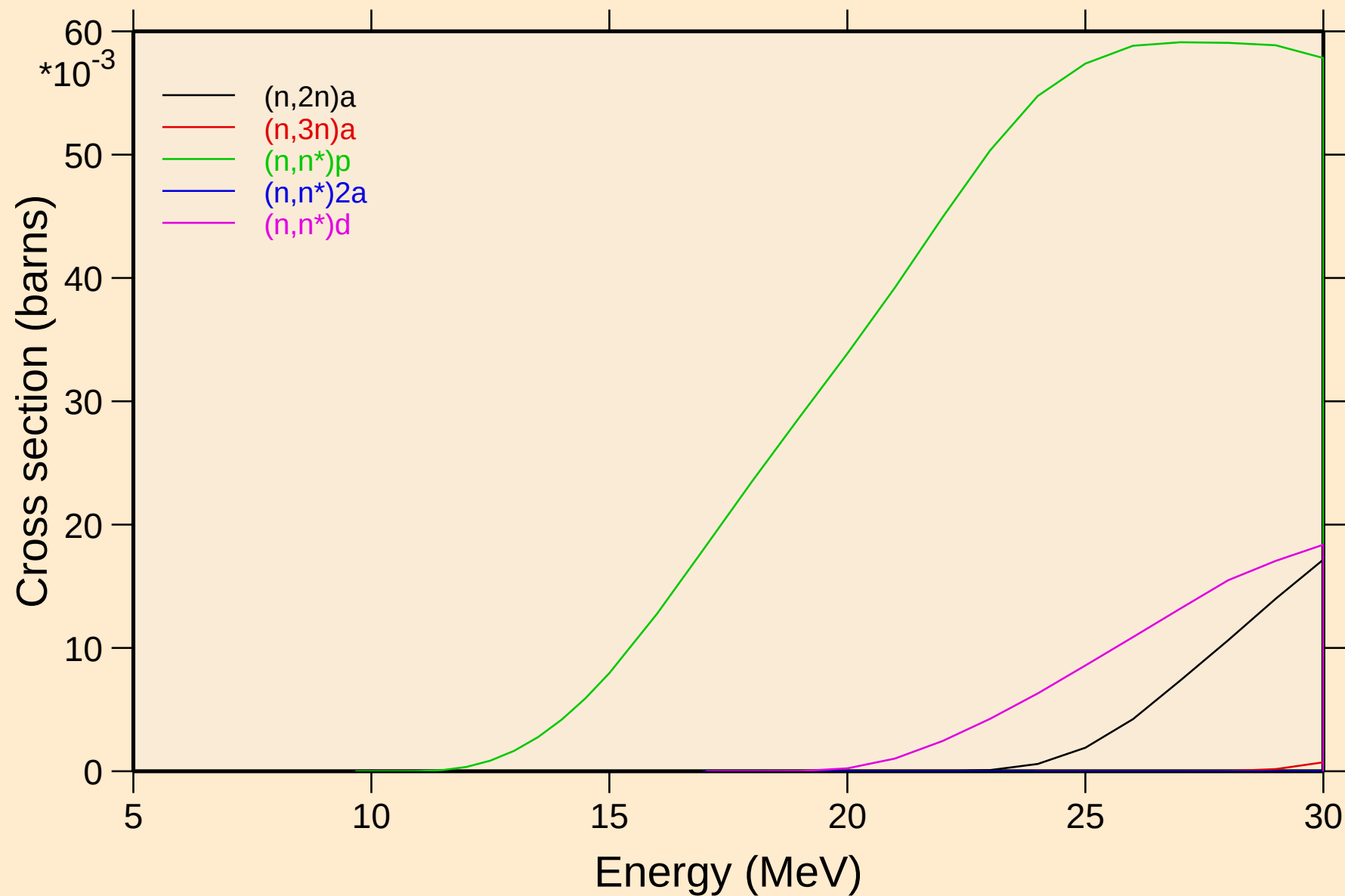
# K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions



# K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

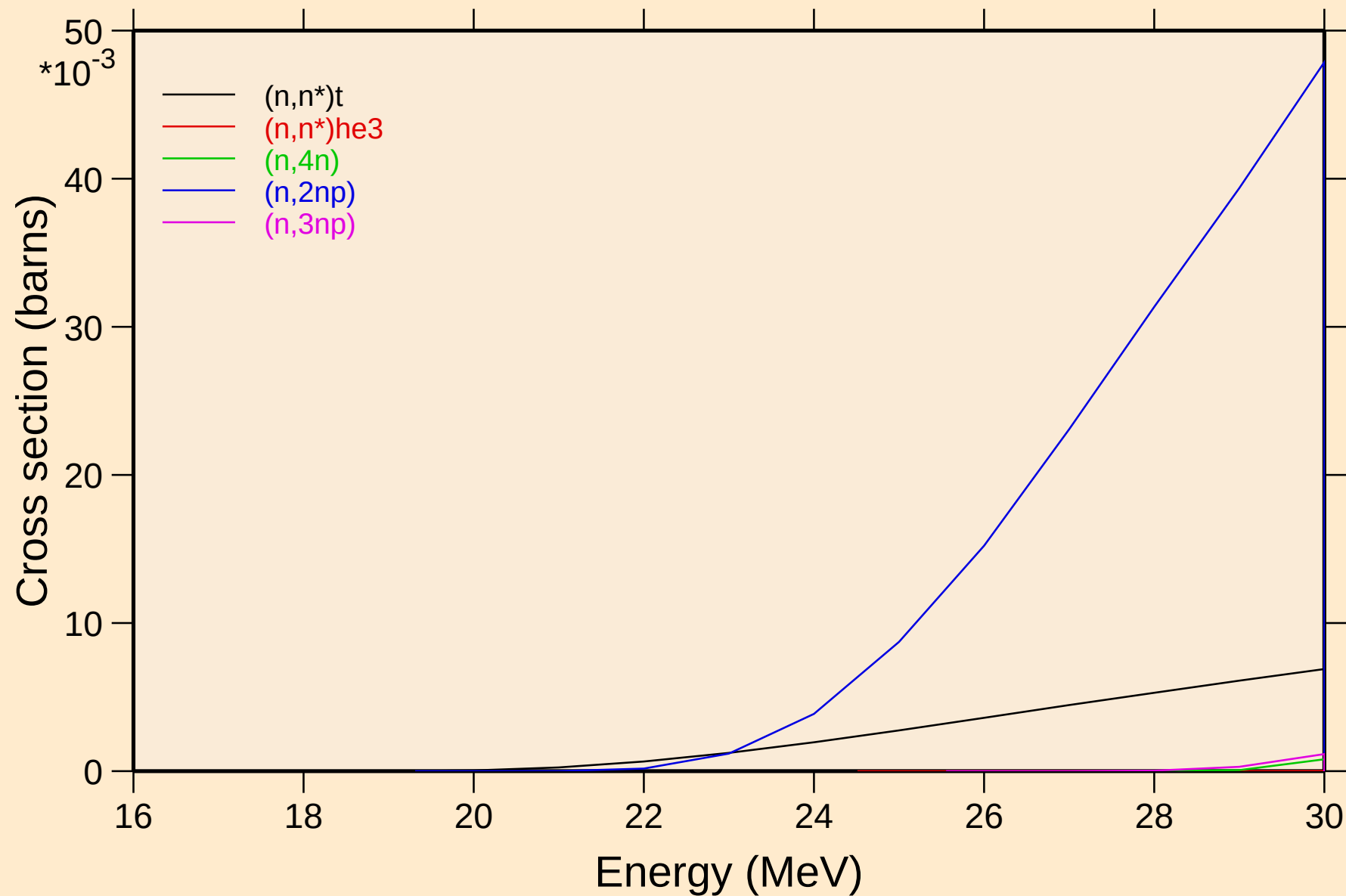
## Threshold reactions



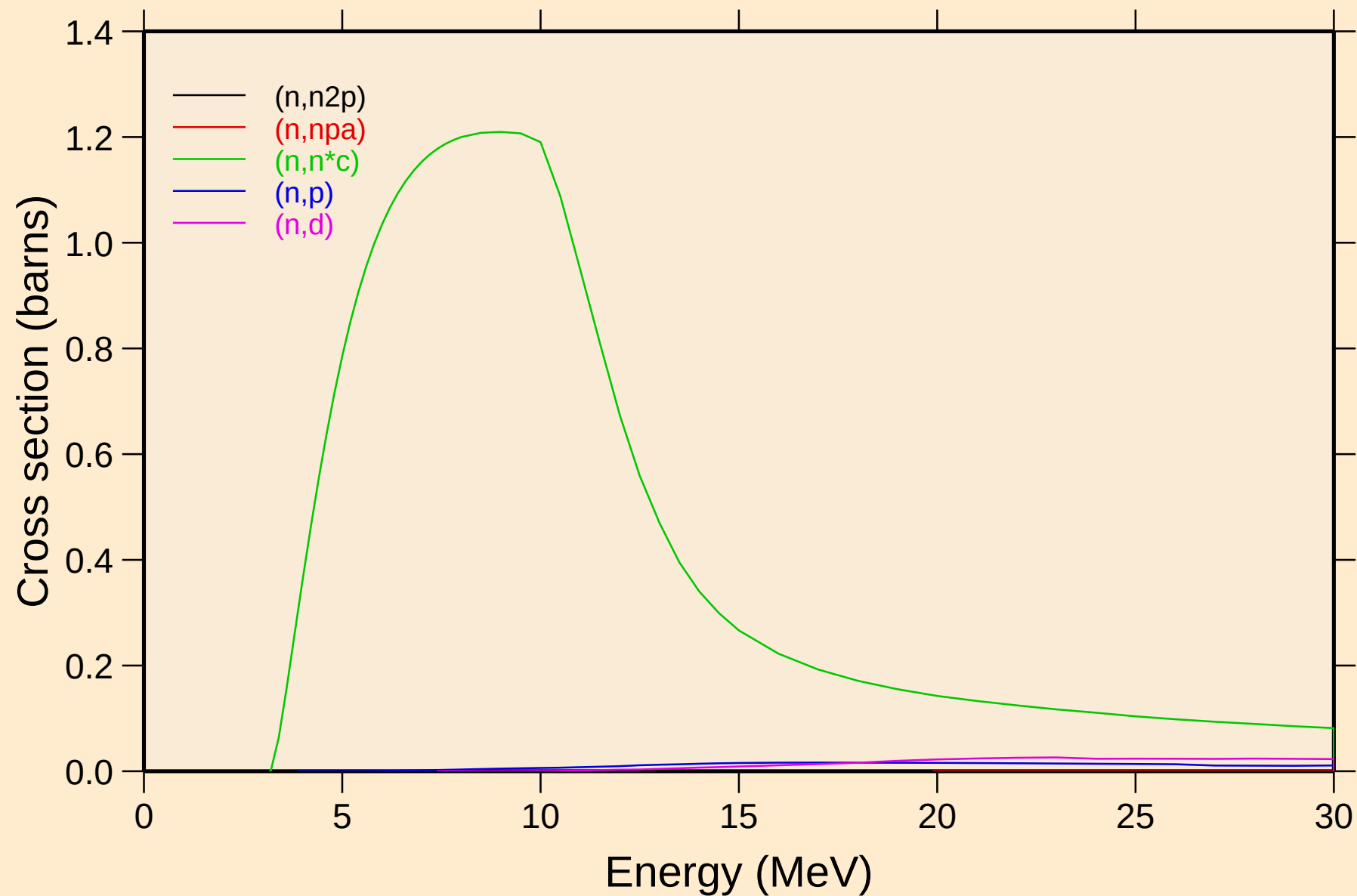


# K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

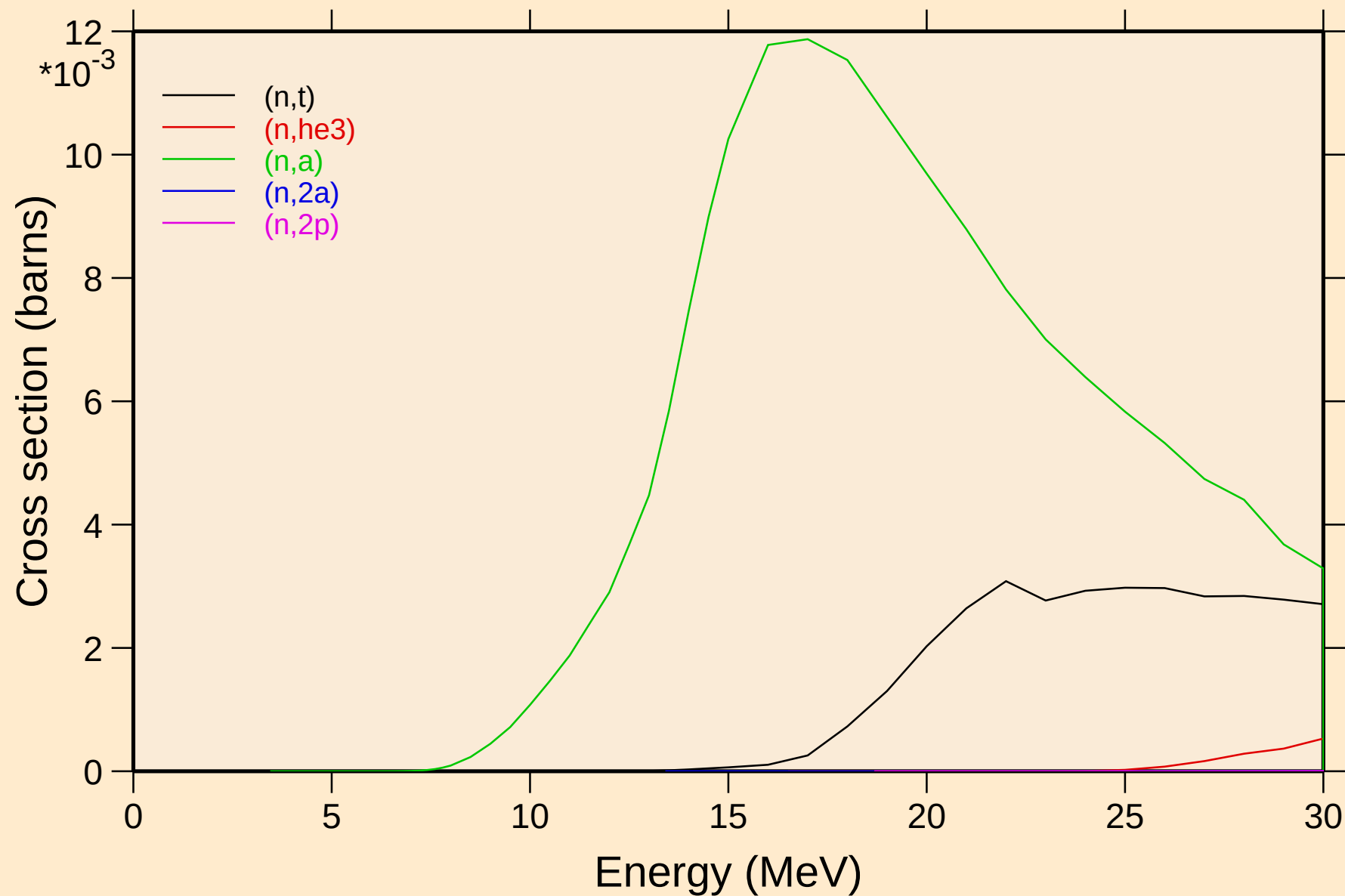
## Threshold reactions



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

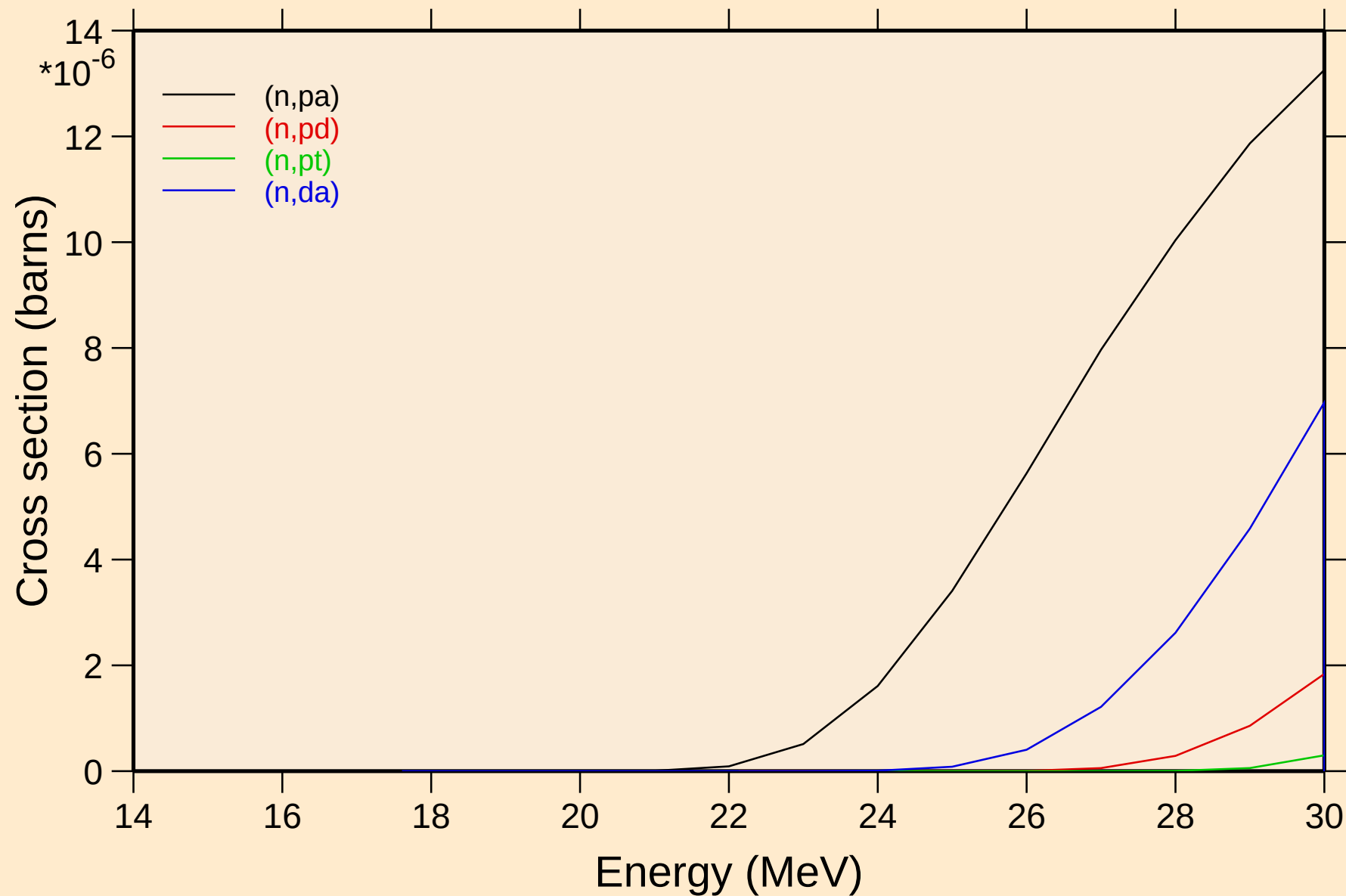


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

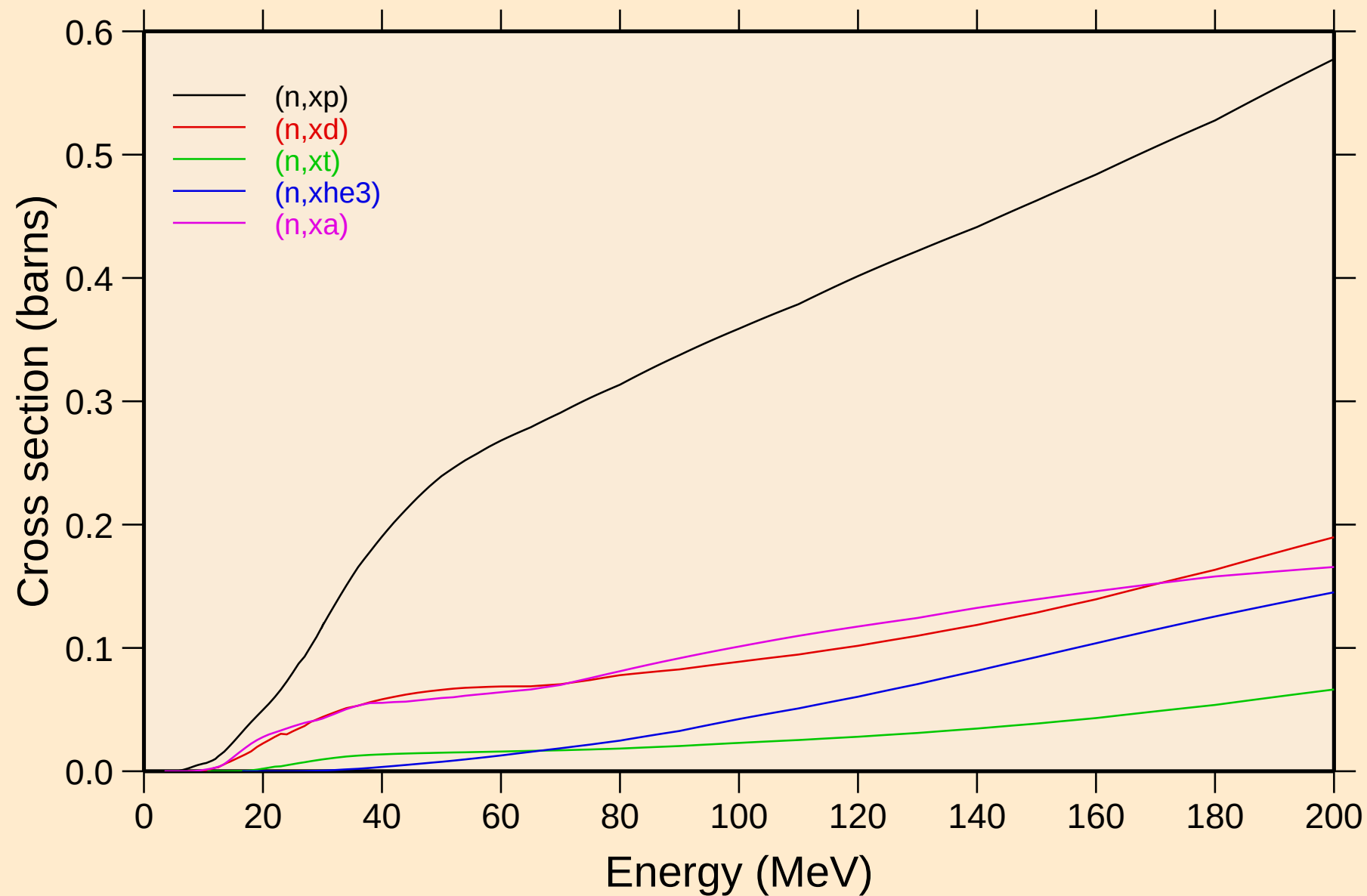


# K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

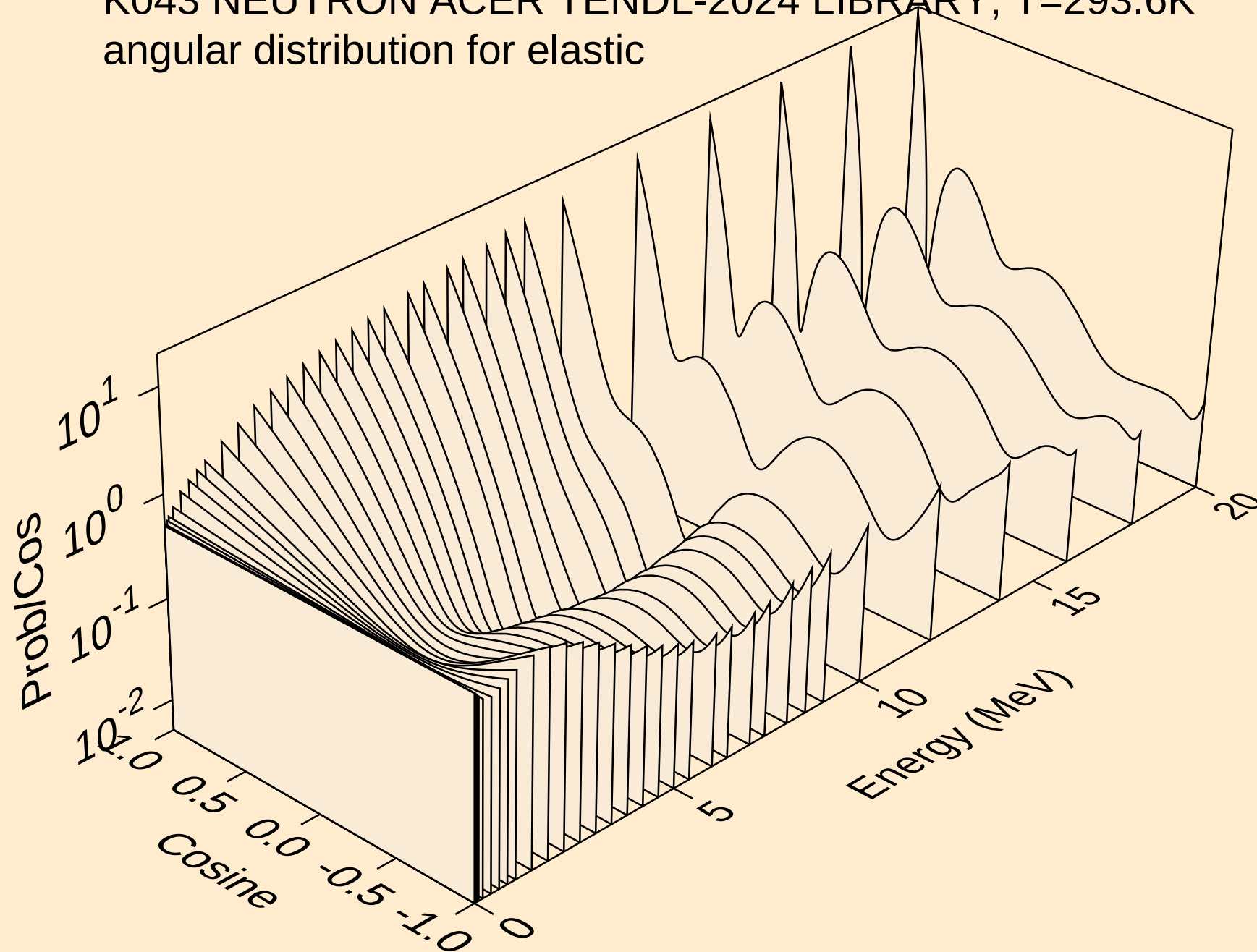
## Threshold reactions



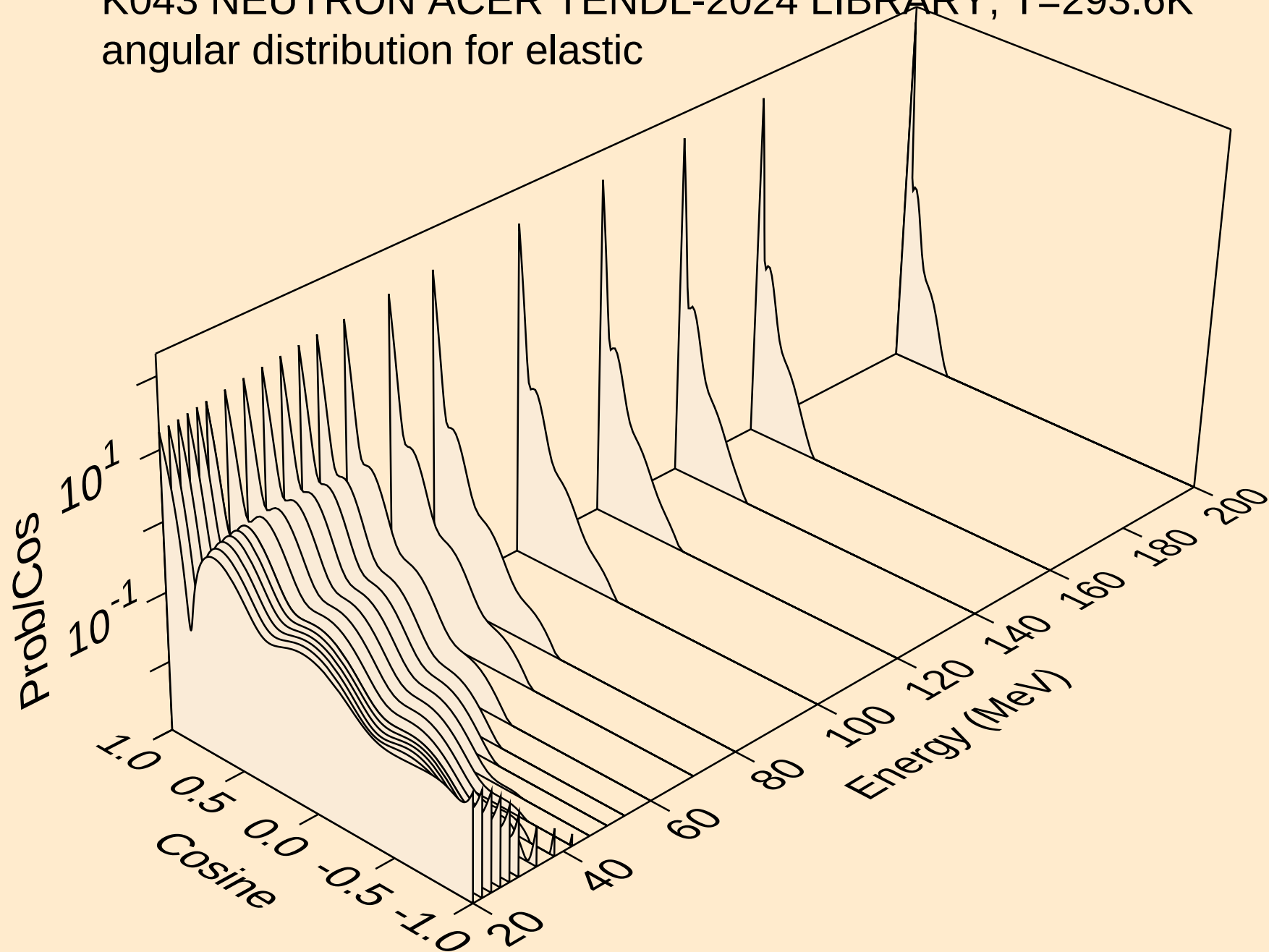
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



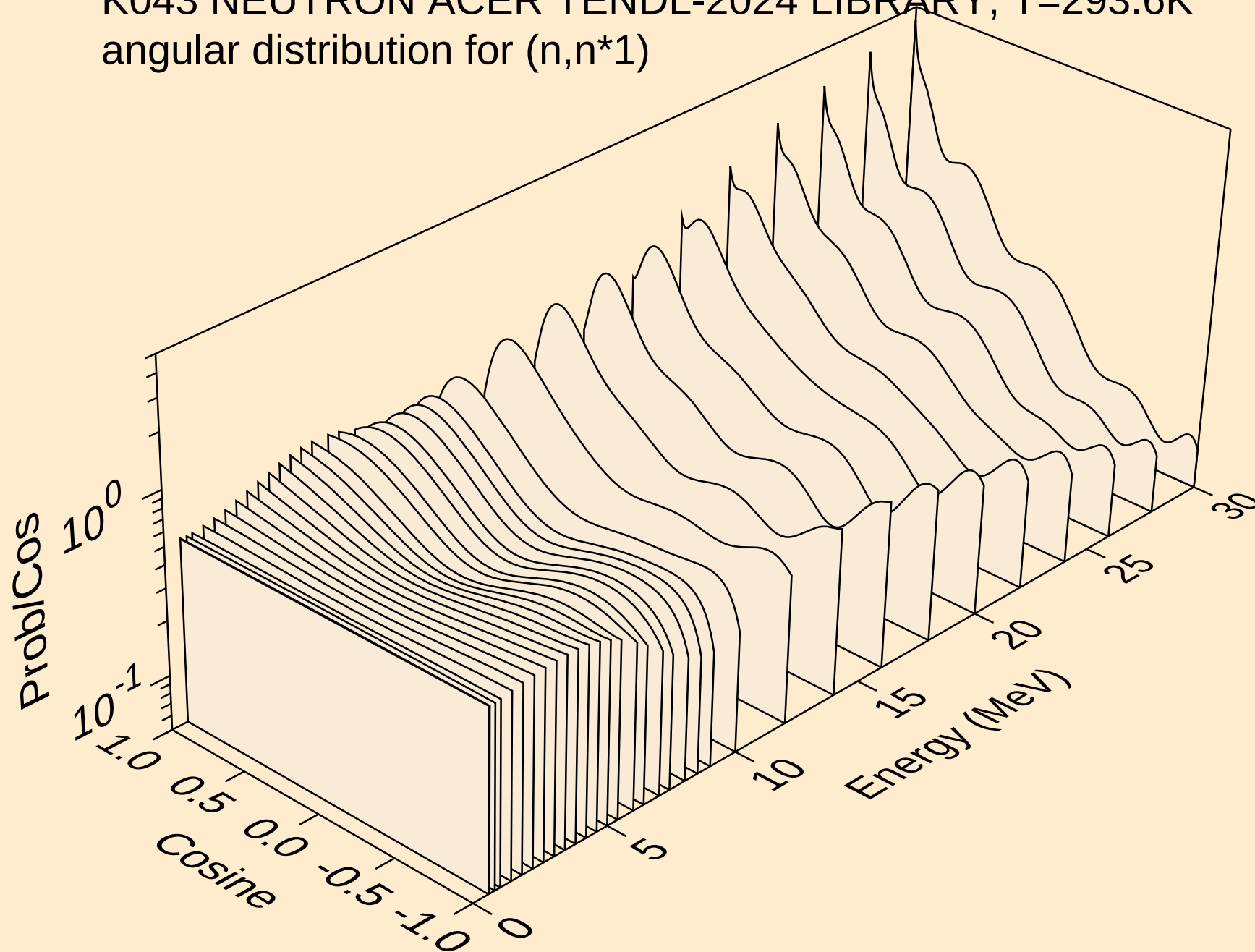
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic

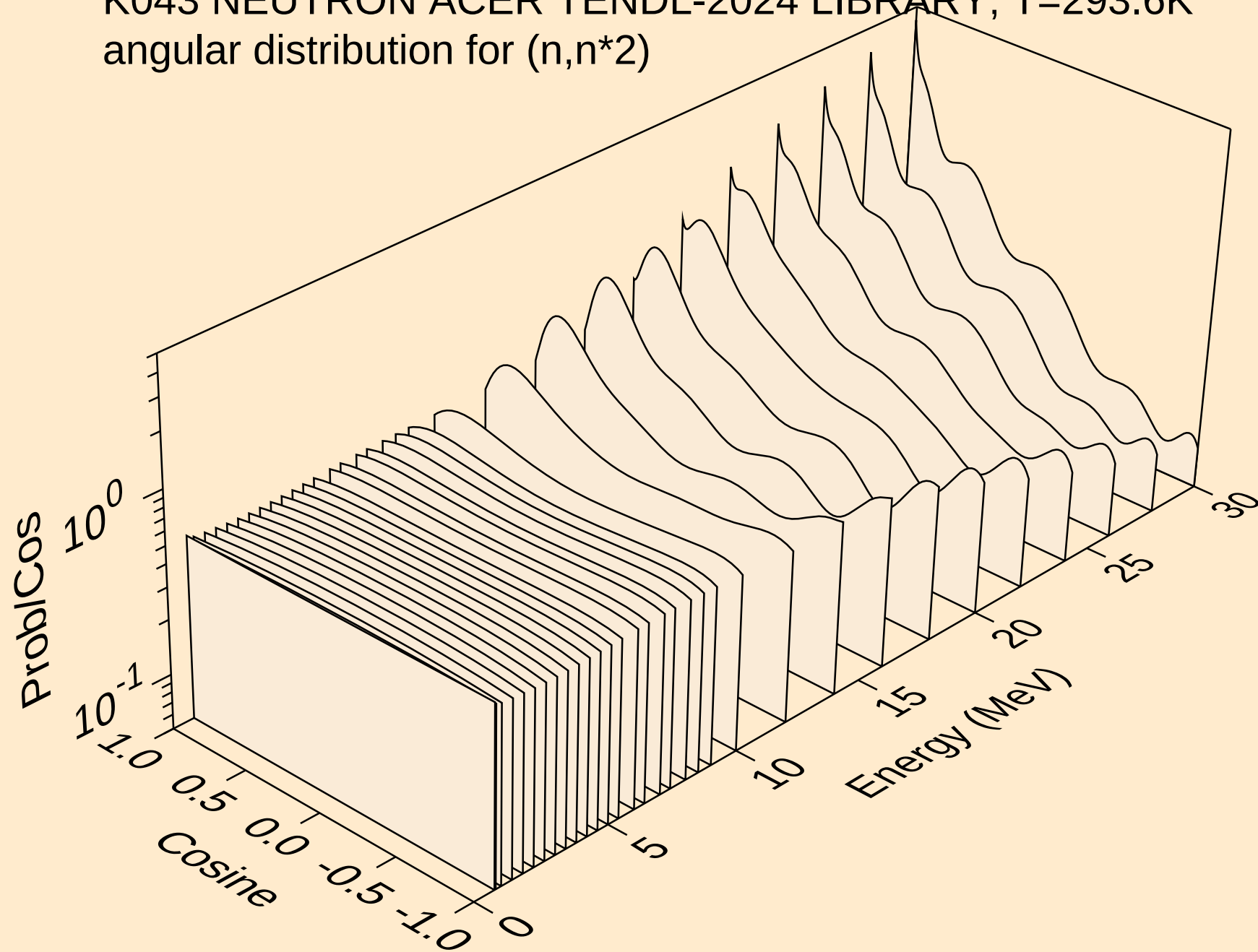


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)

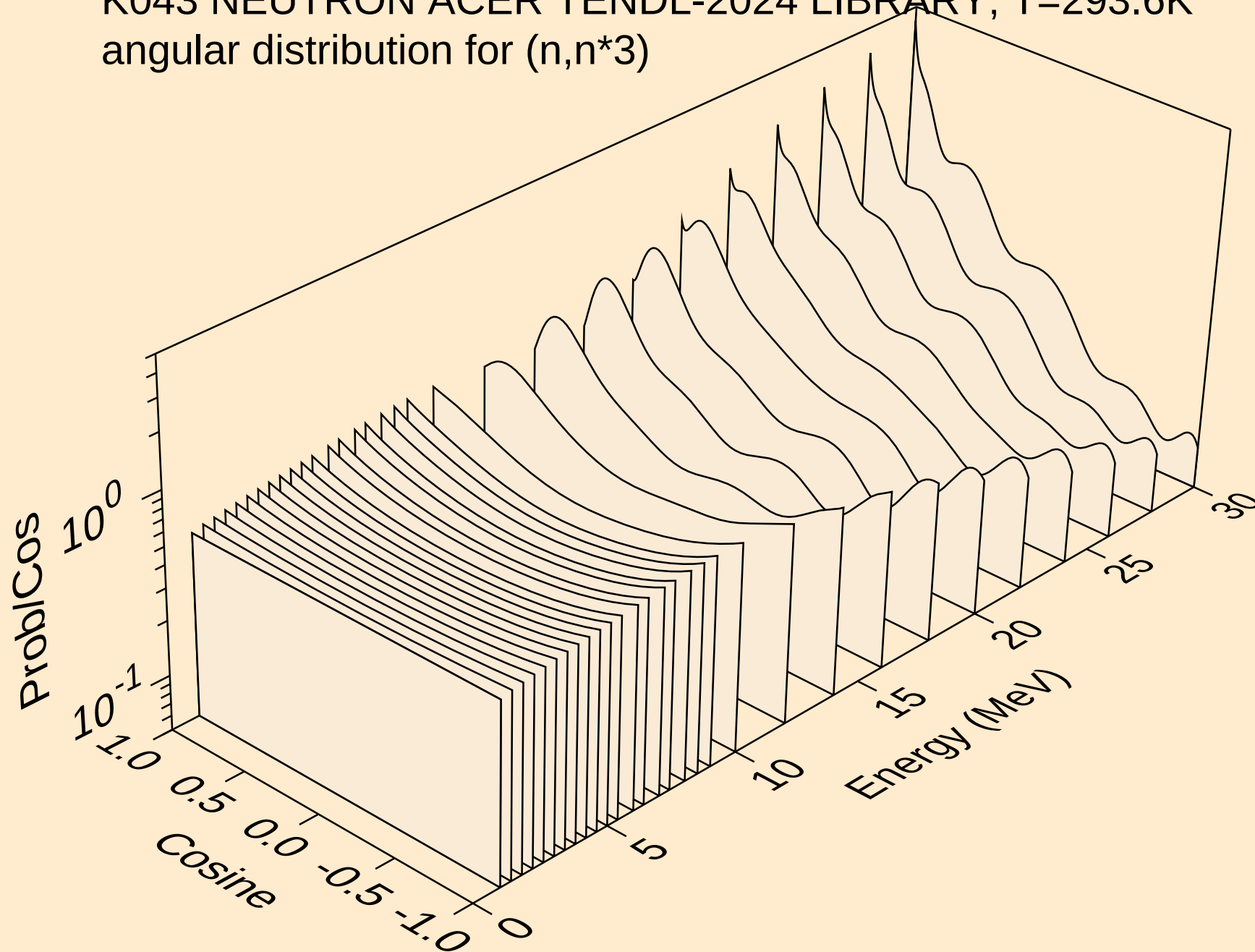




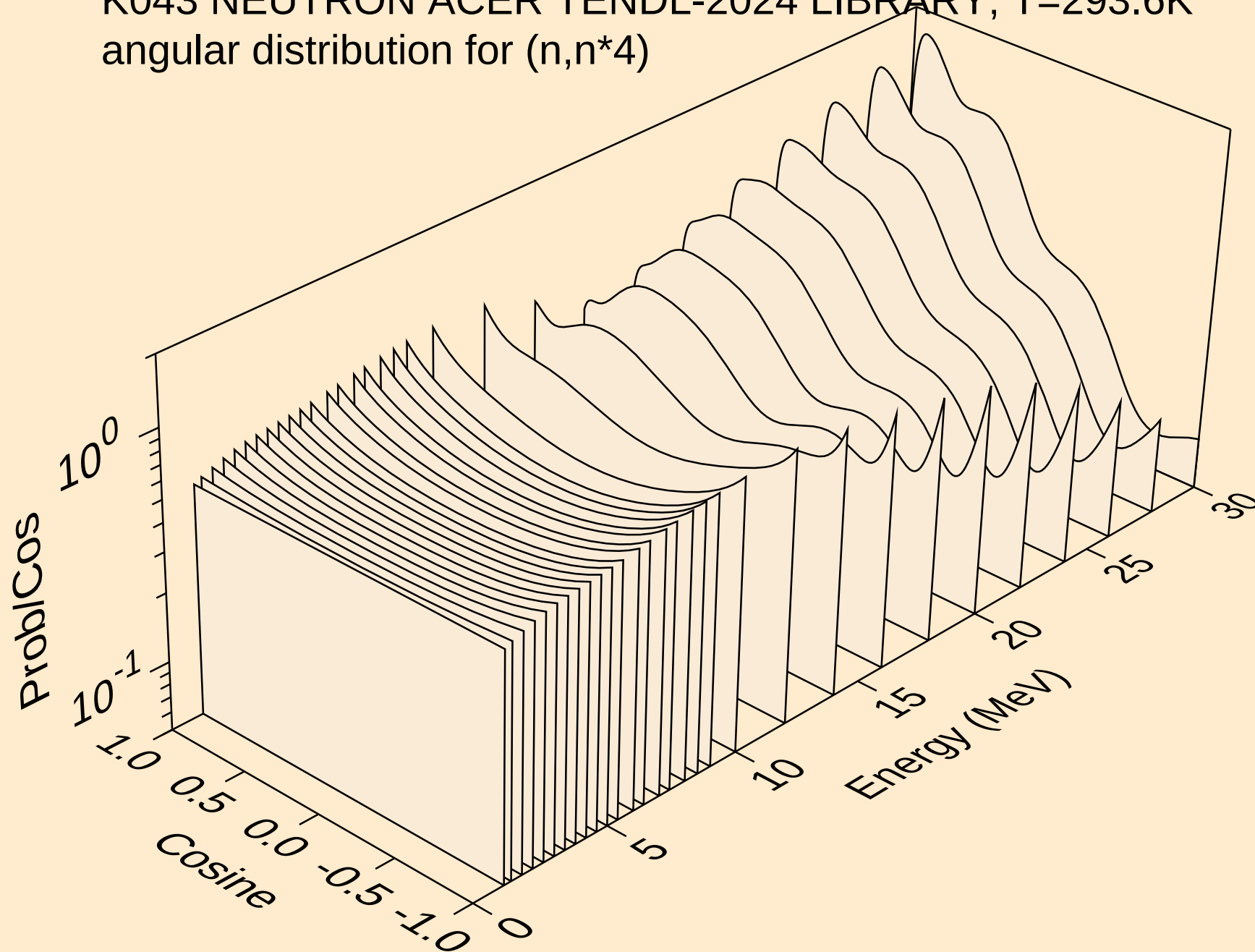
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angular distribution for (n,n\*2)



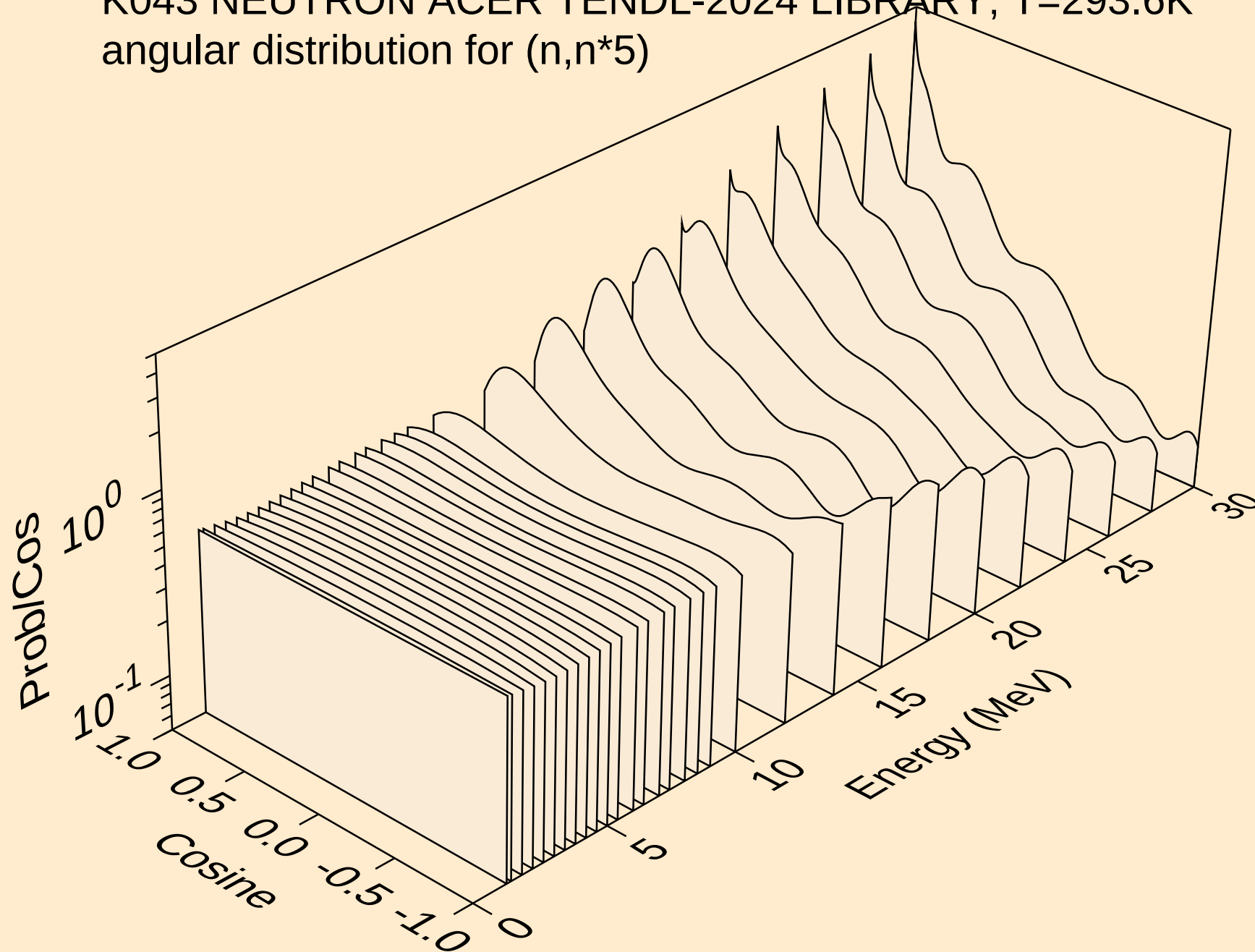
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angular distribution for (n,n\*3)



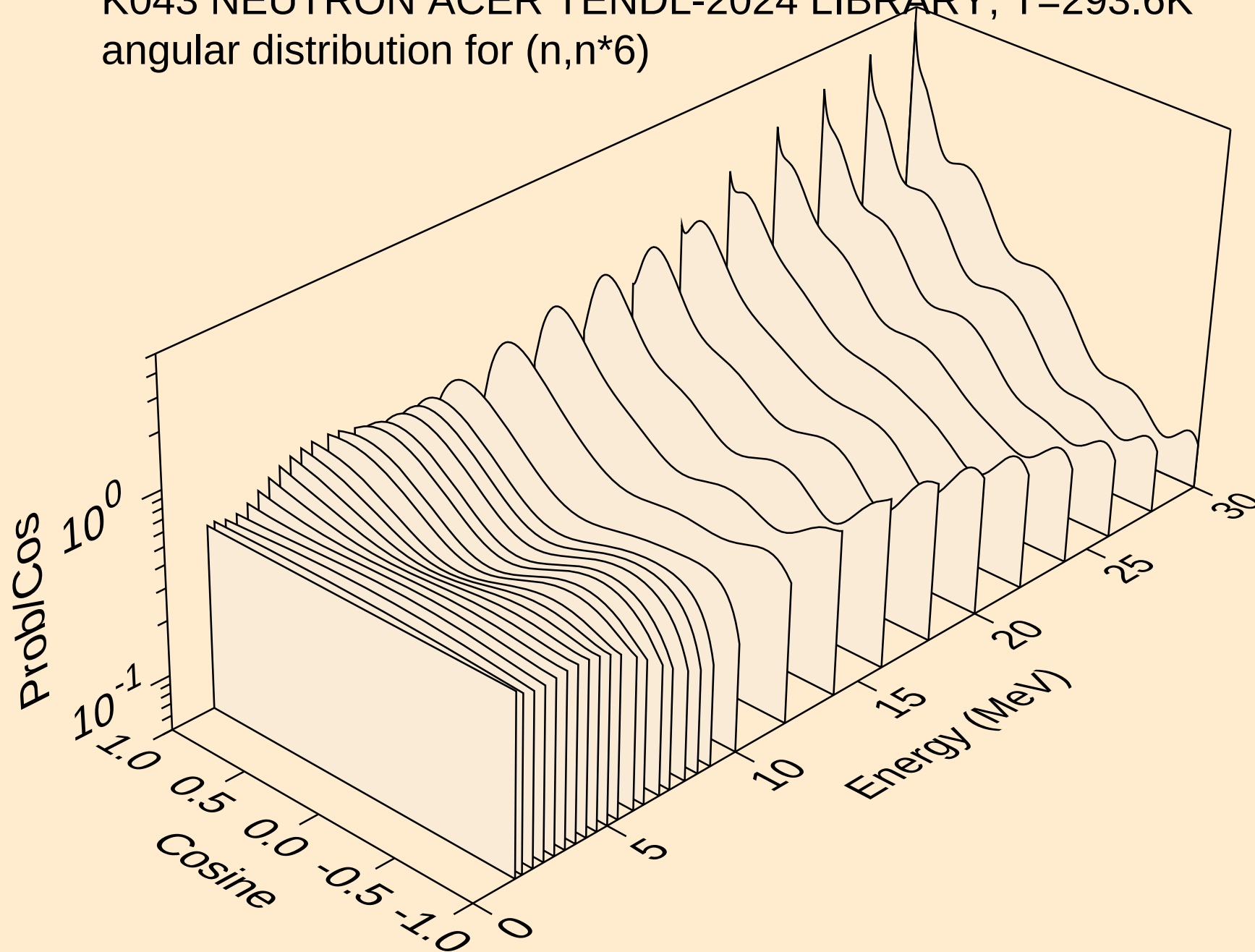
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angular distribution for (n,n\*4)



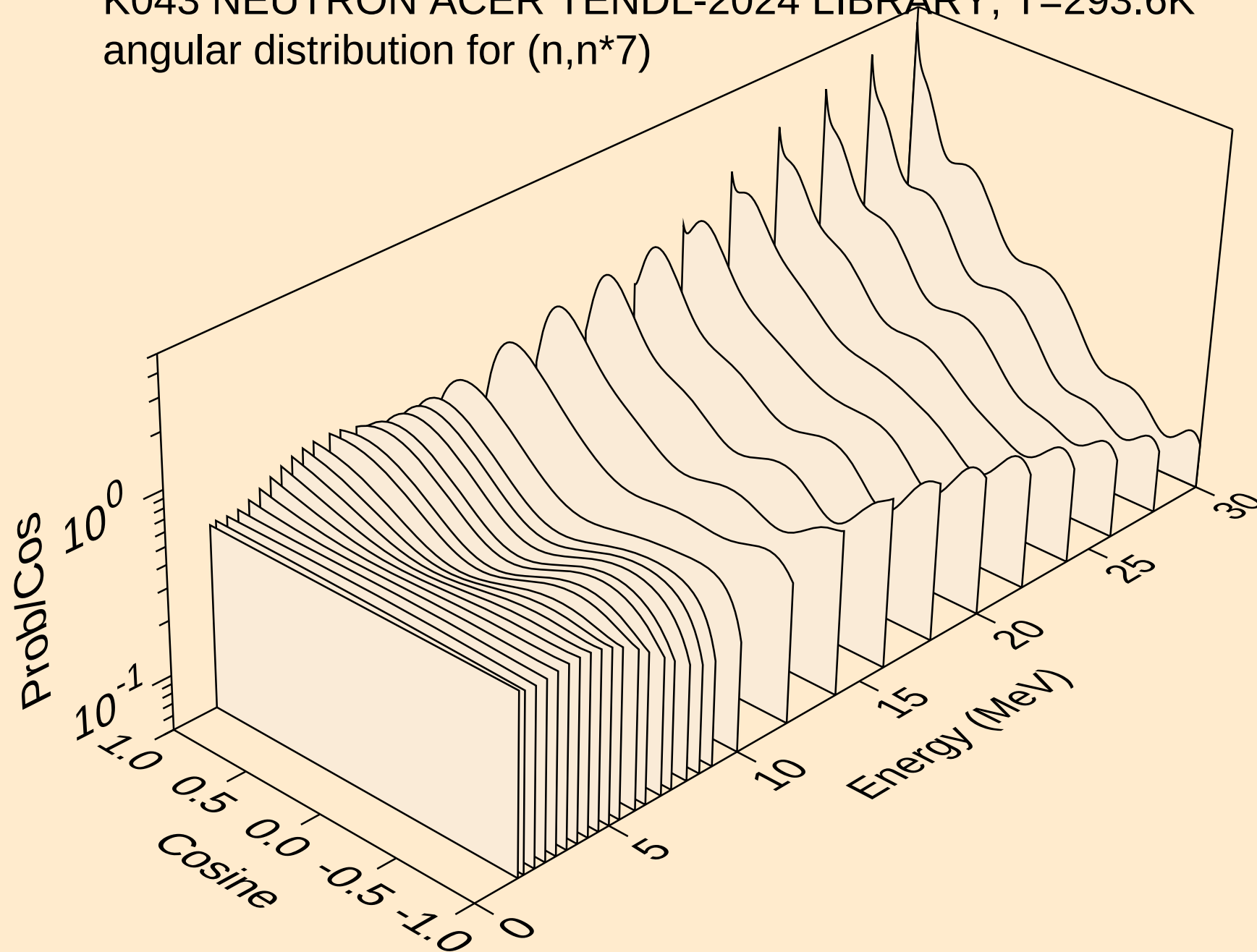
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angular distribution for (n,n\*5)



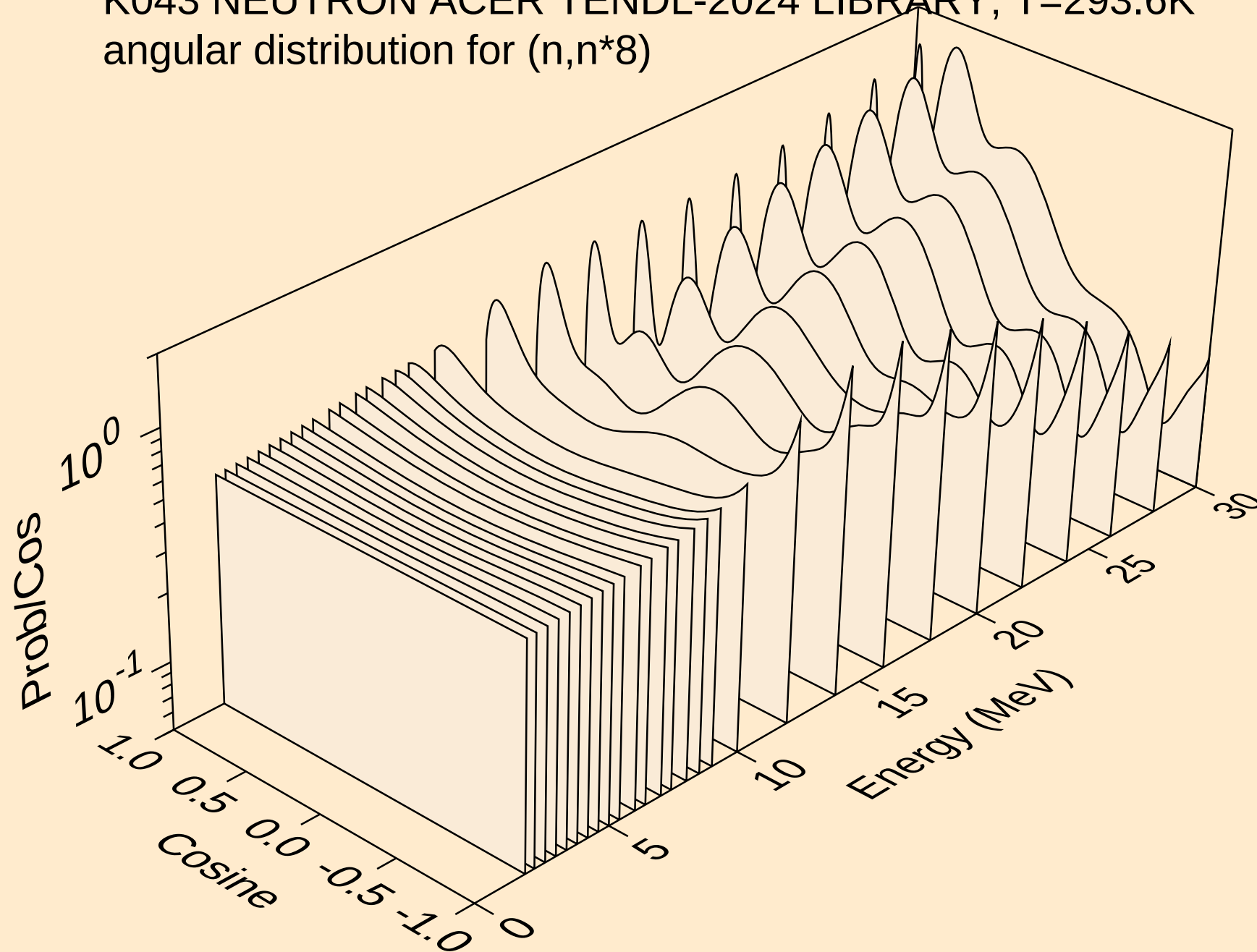
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angular distribution for (n,n\*6)



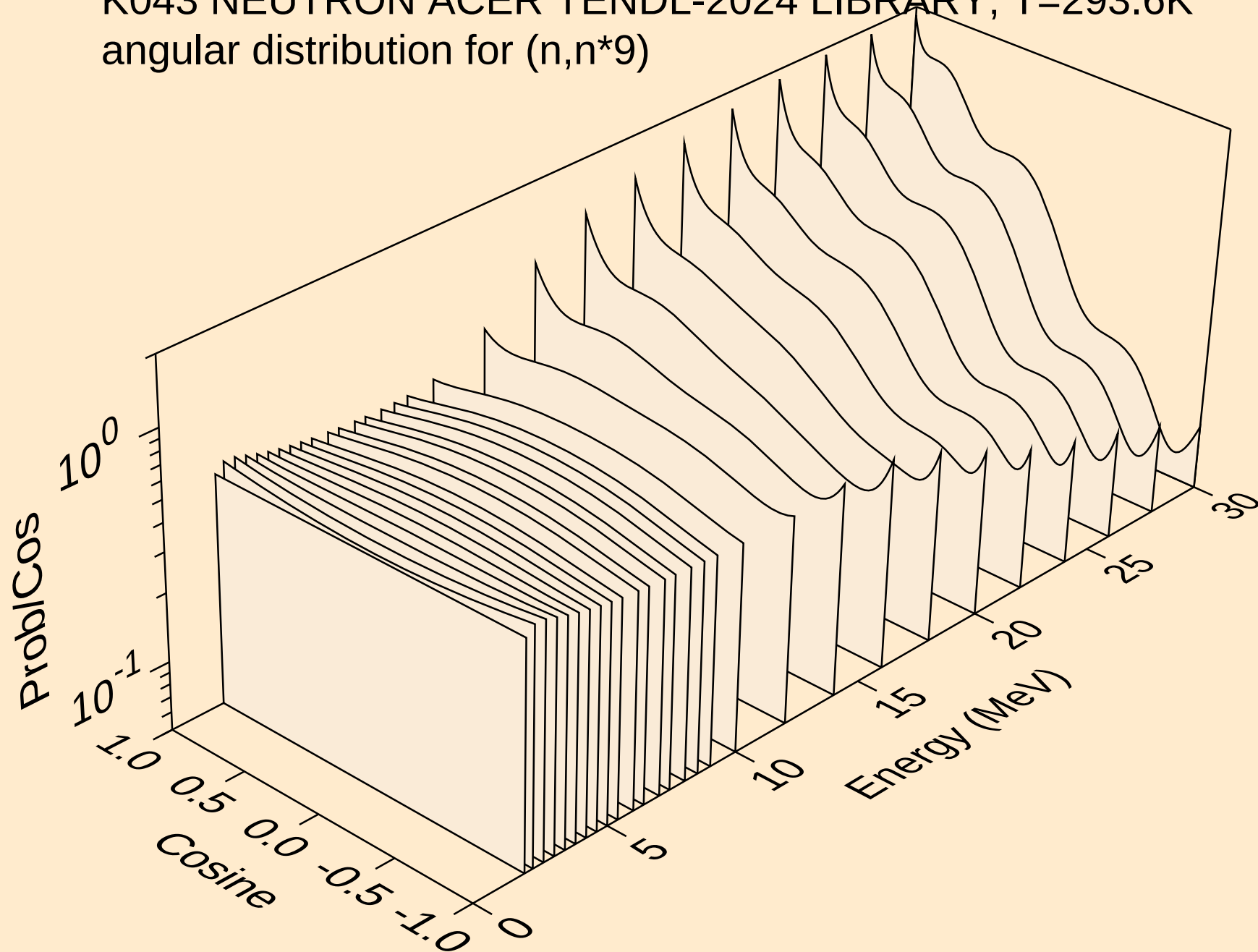
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*7)



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*8)

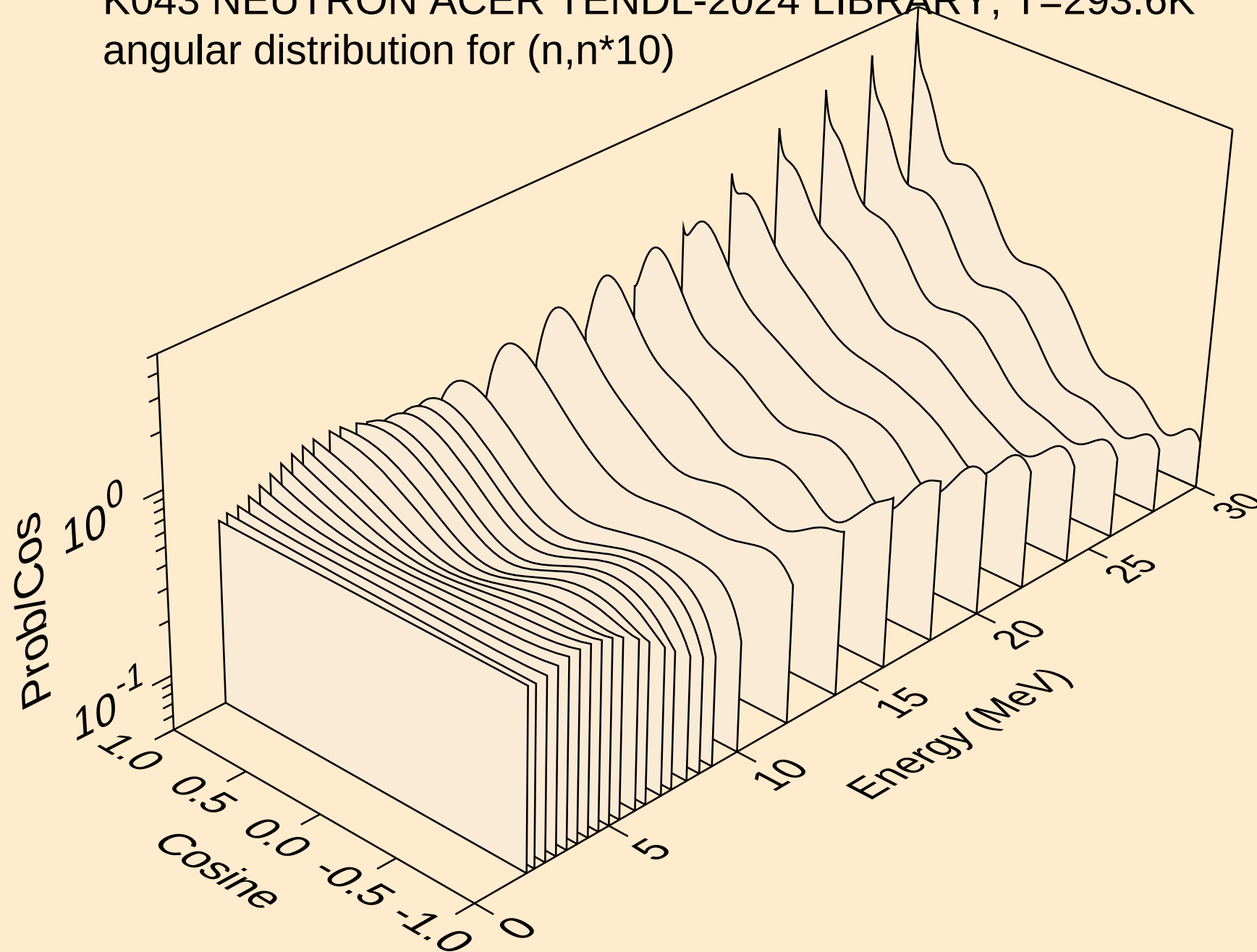


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angular distribution for (n,n\*9)

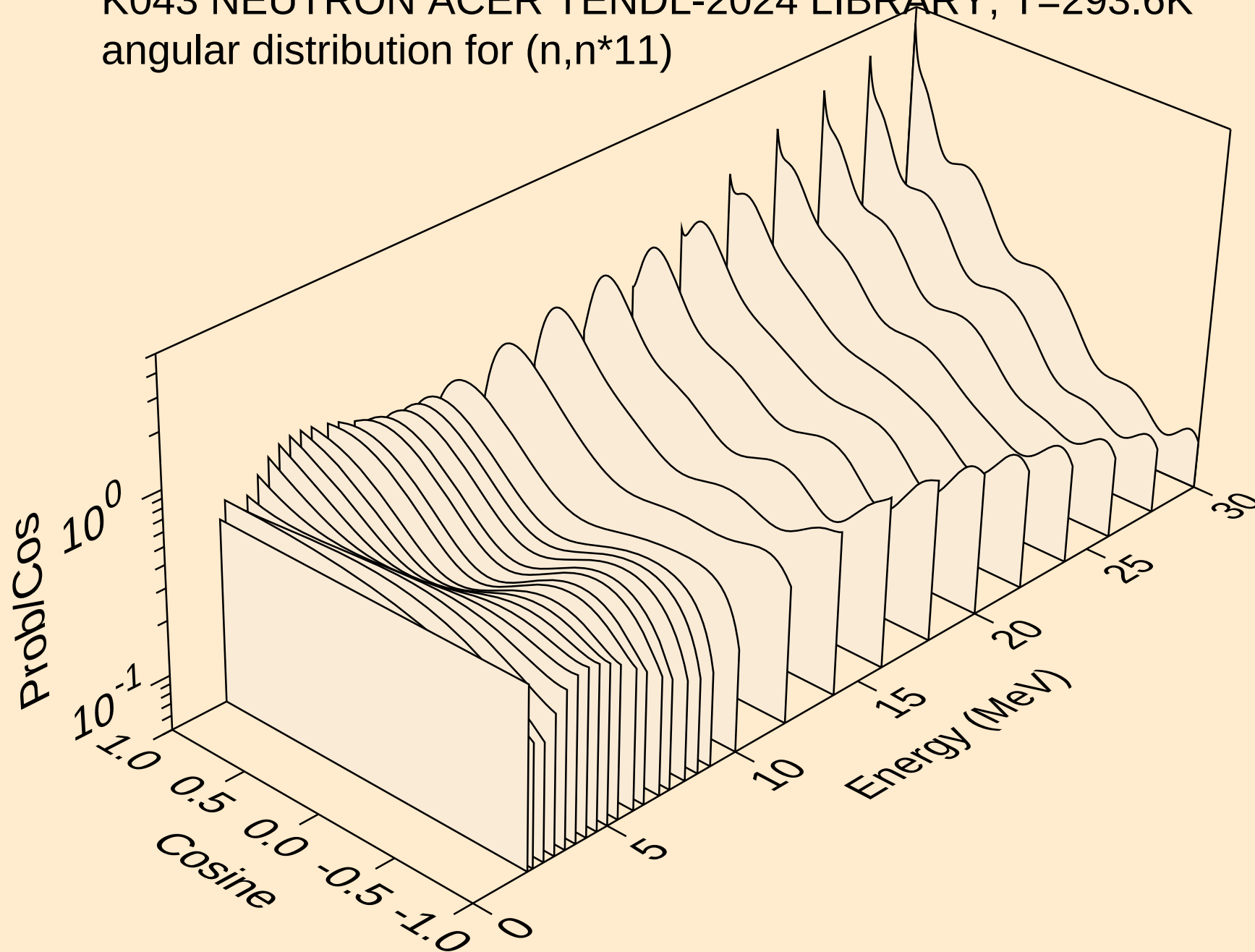




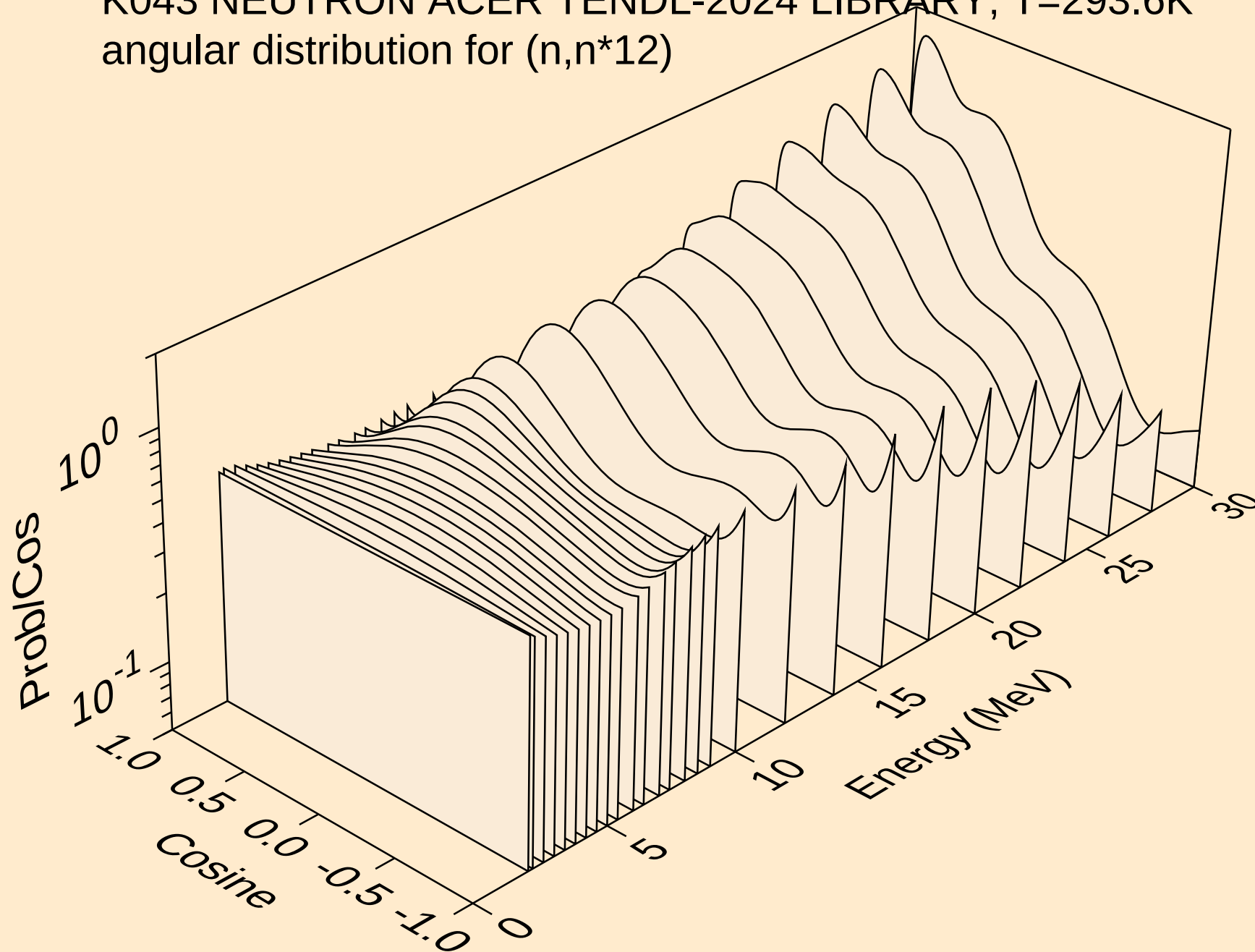
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angular distribution for (n,n\*10)



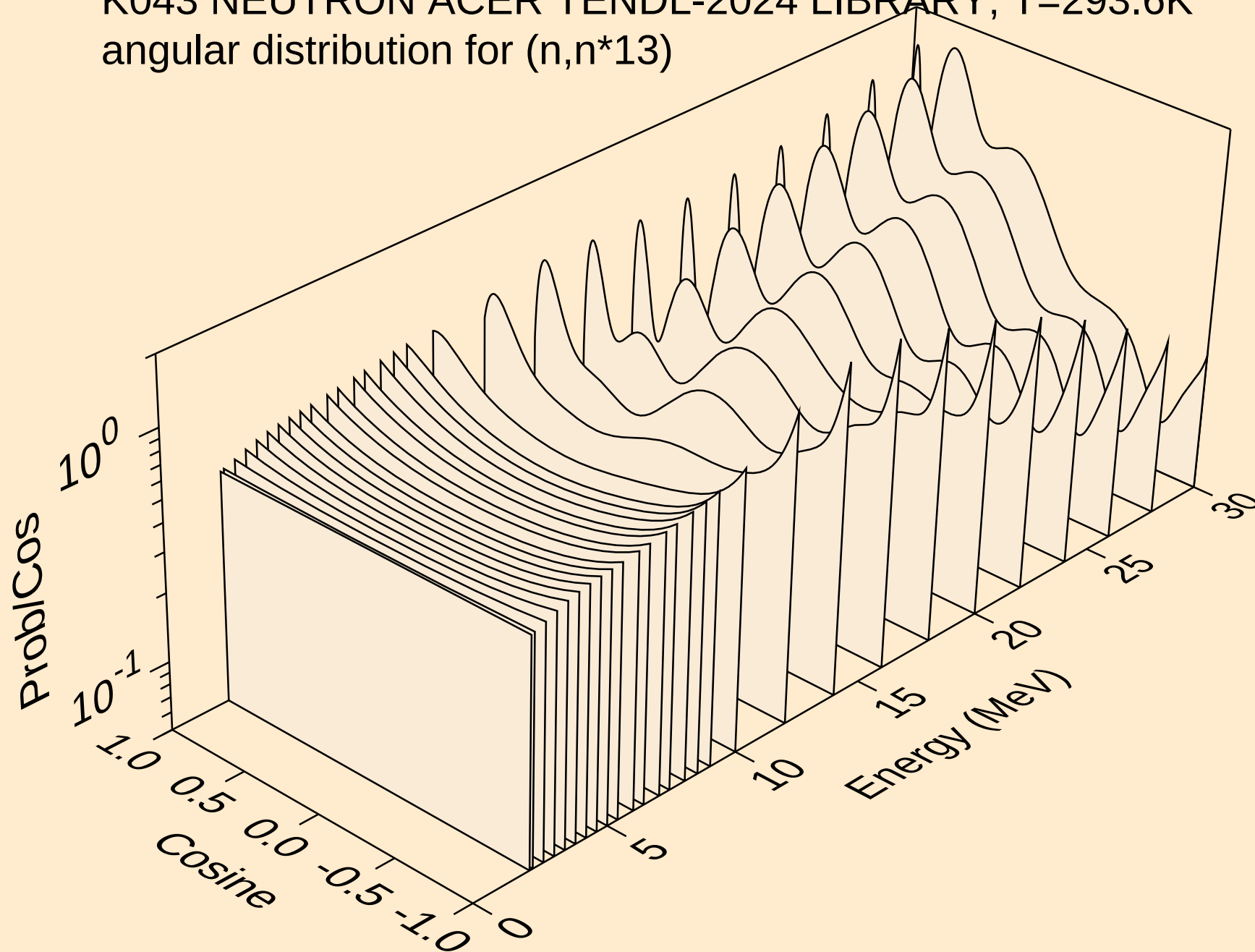
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angular distribution for (n,n\*11)



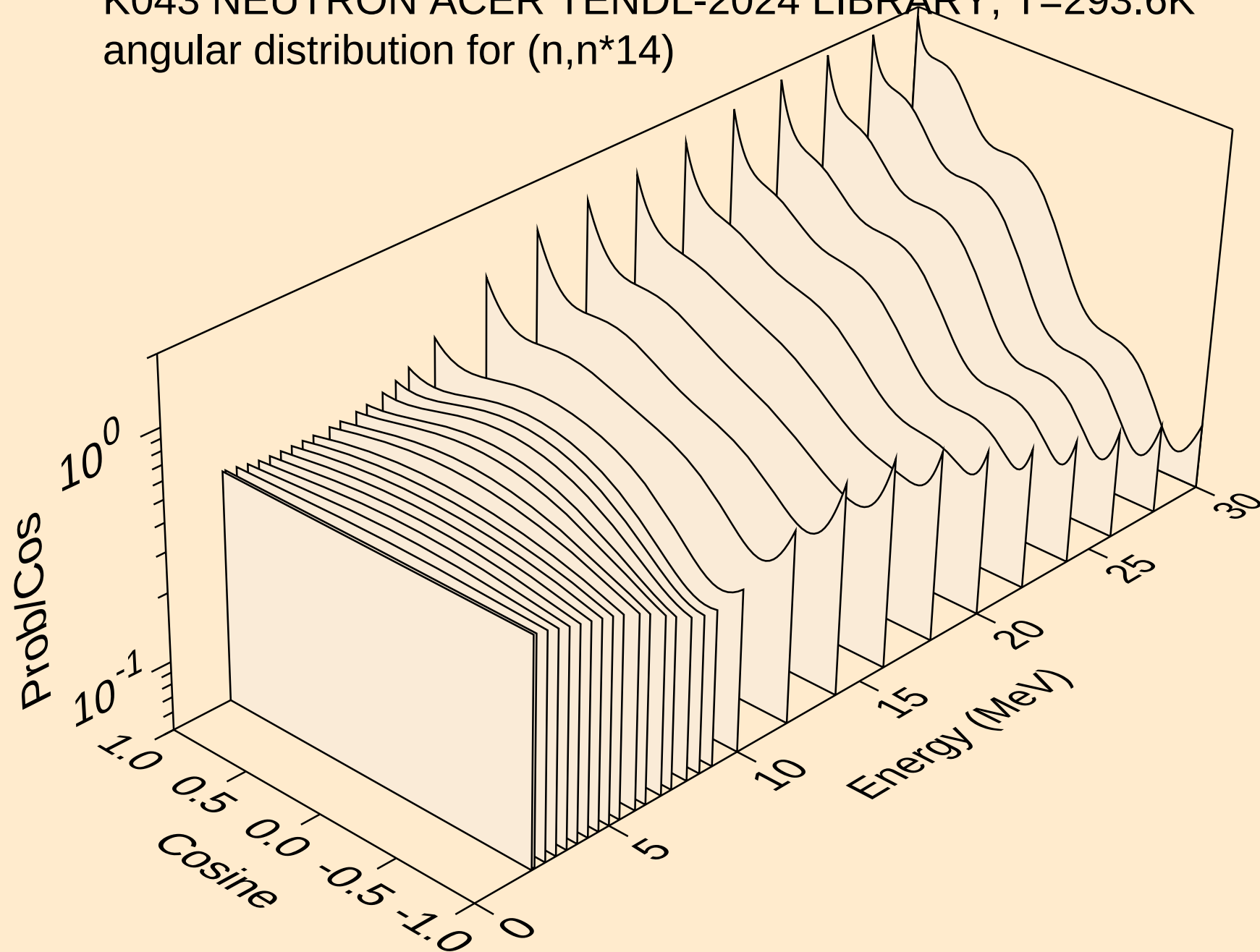
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angular distribution for (n,n\*12)



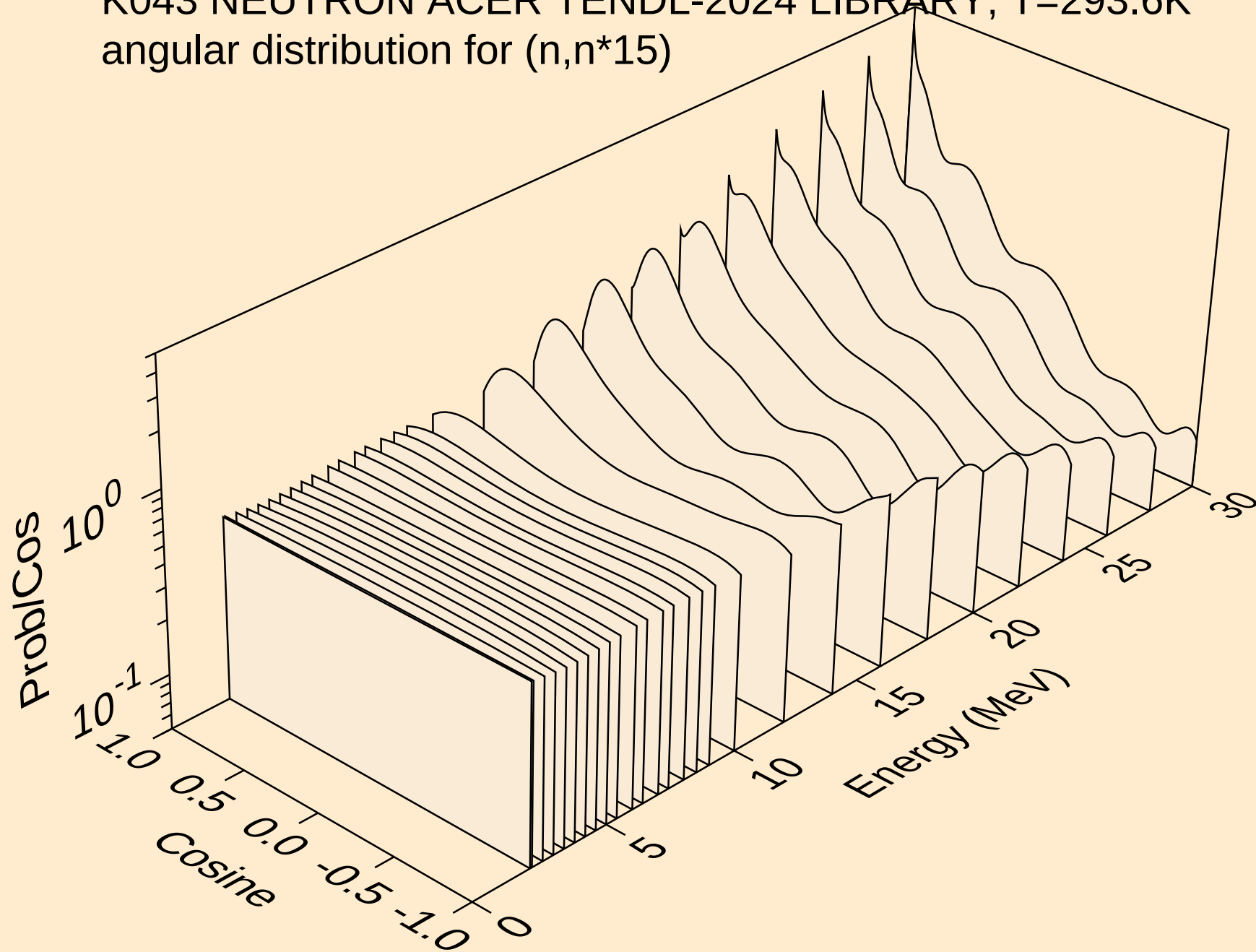
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angular distribution for (n,n\*13)



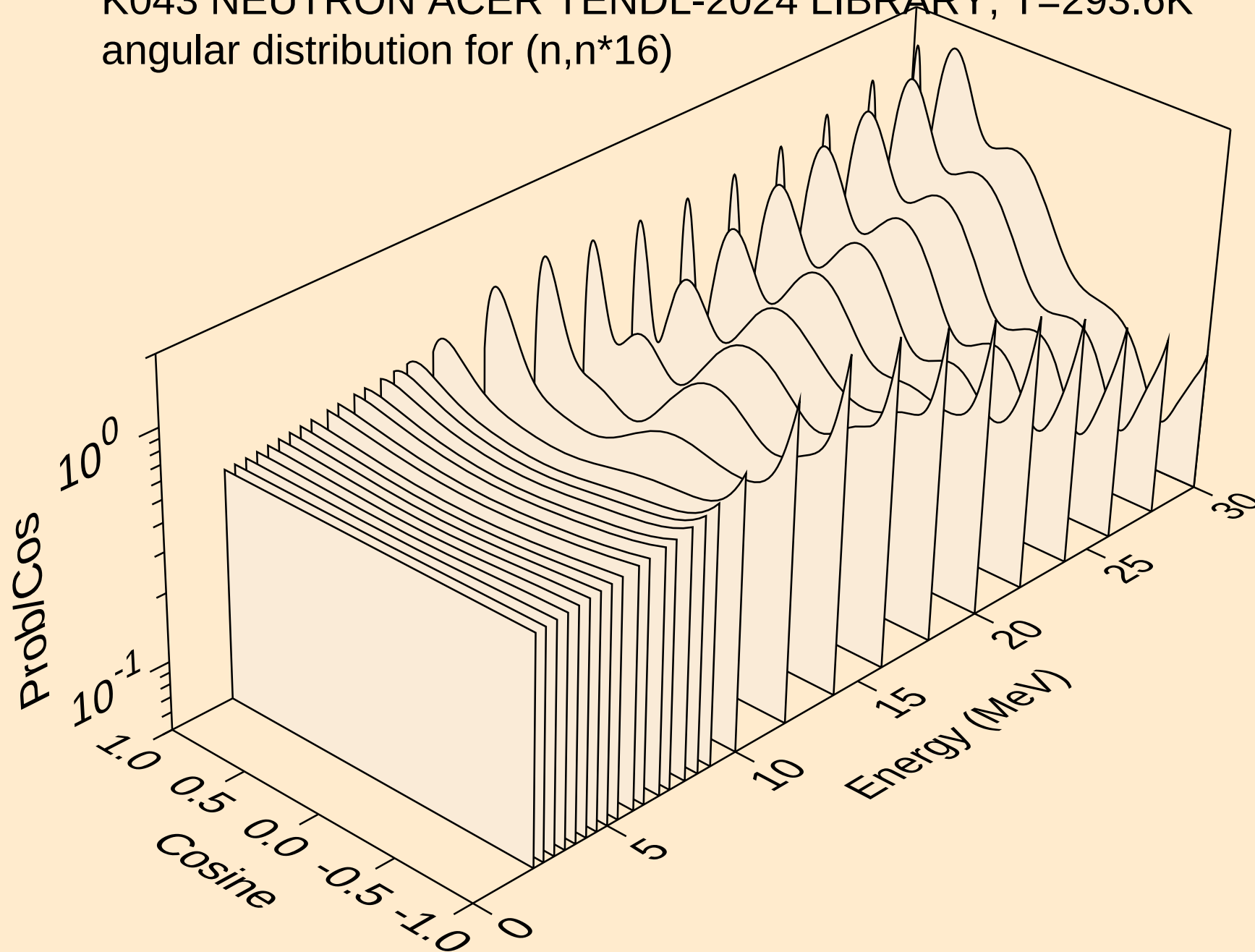
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angular distribution for (n,n\*14)



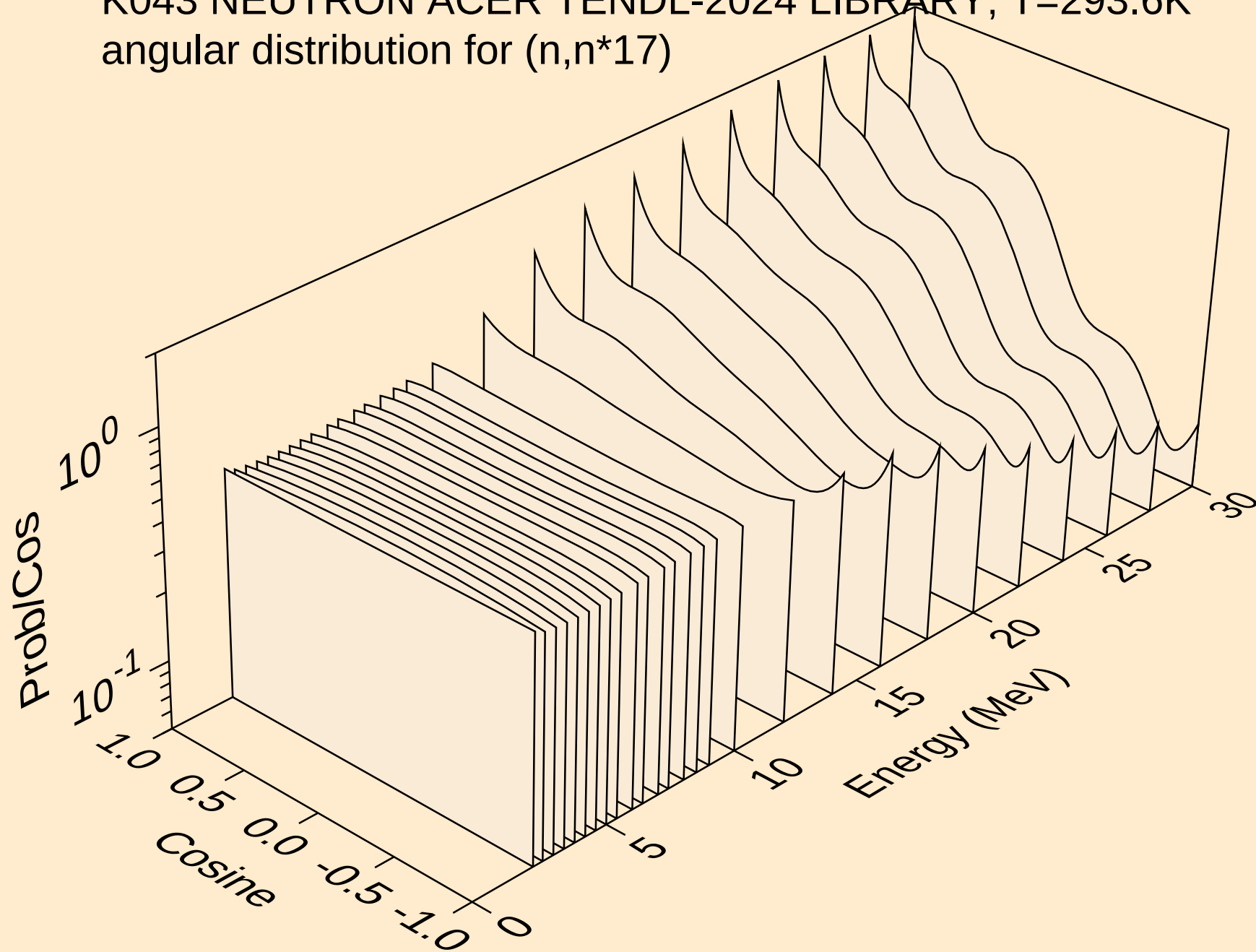
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*15)



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*16)

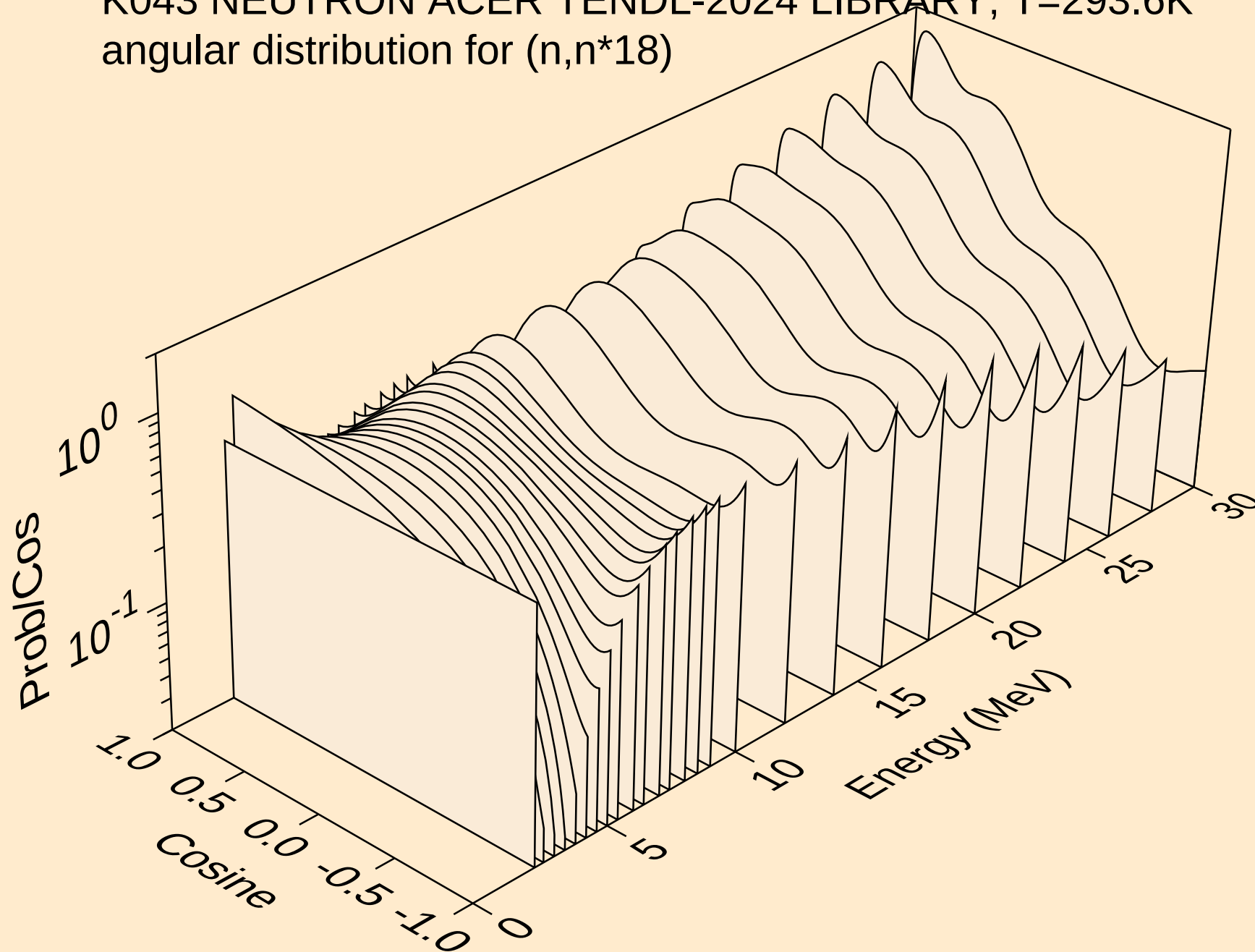


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angular distribution for (n,n\*17)

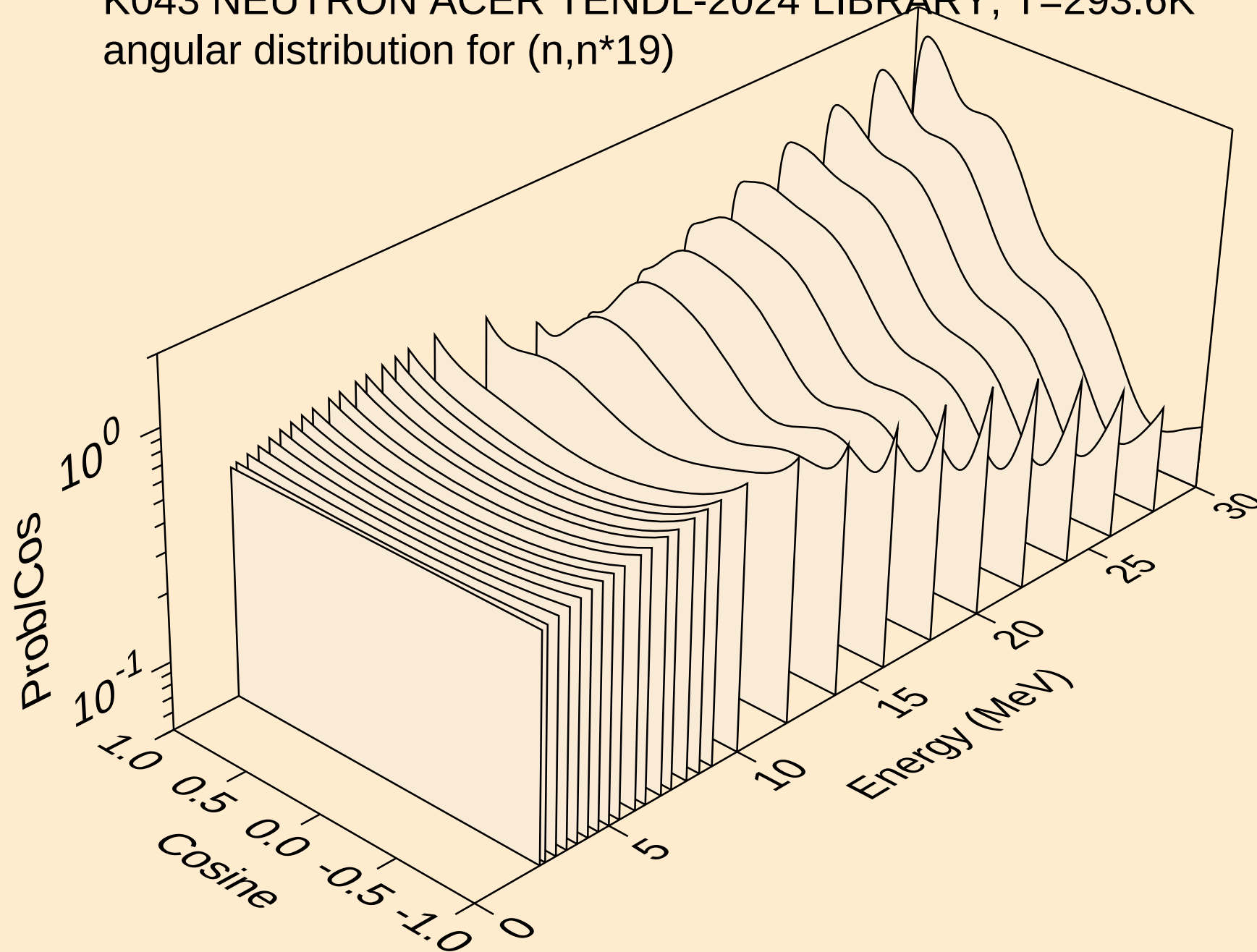




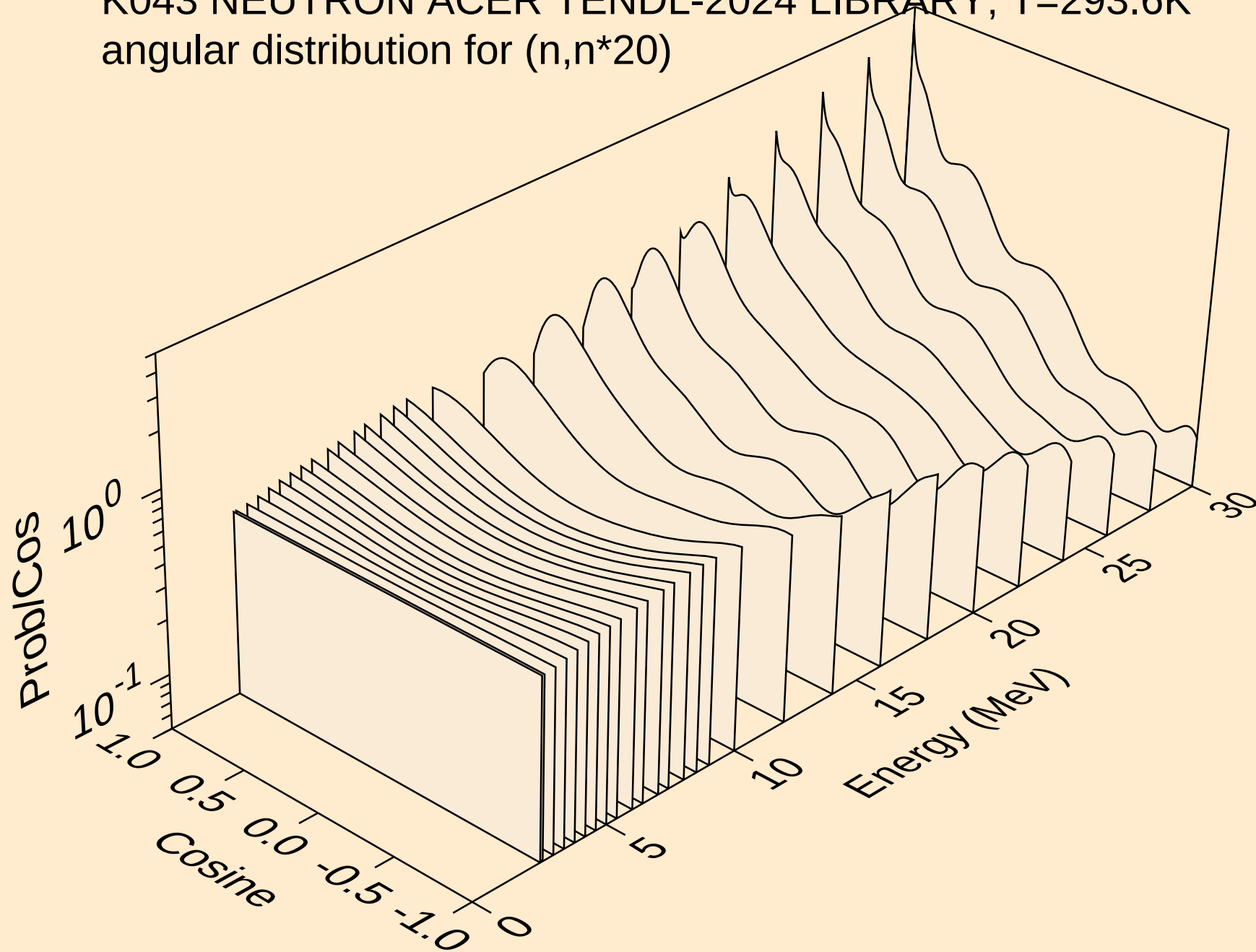
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angular distribution for (n,n\*18)



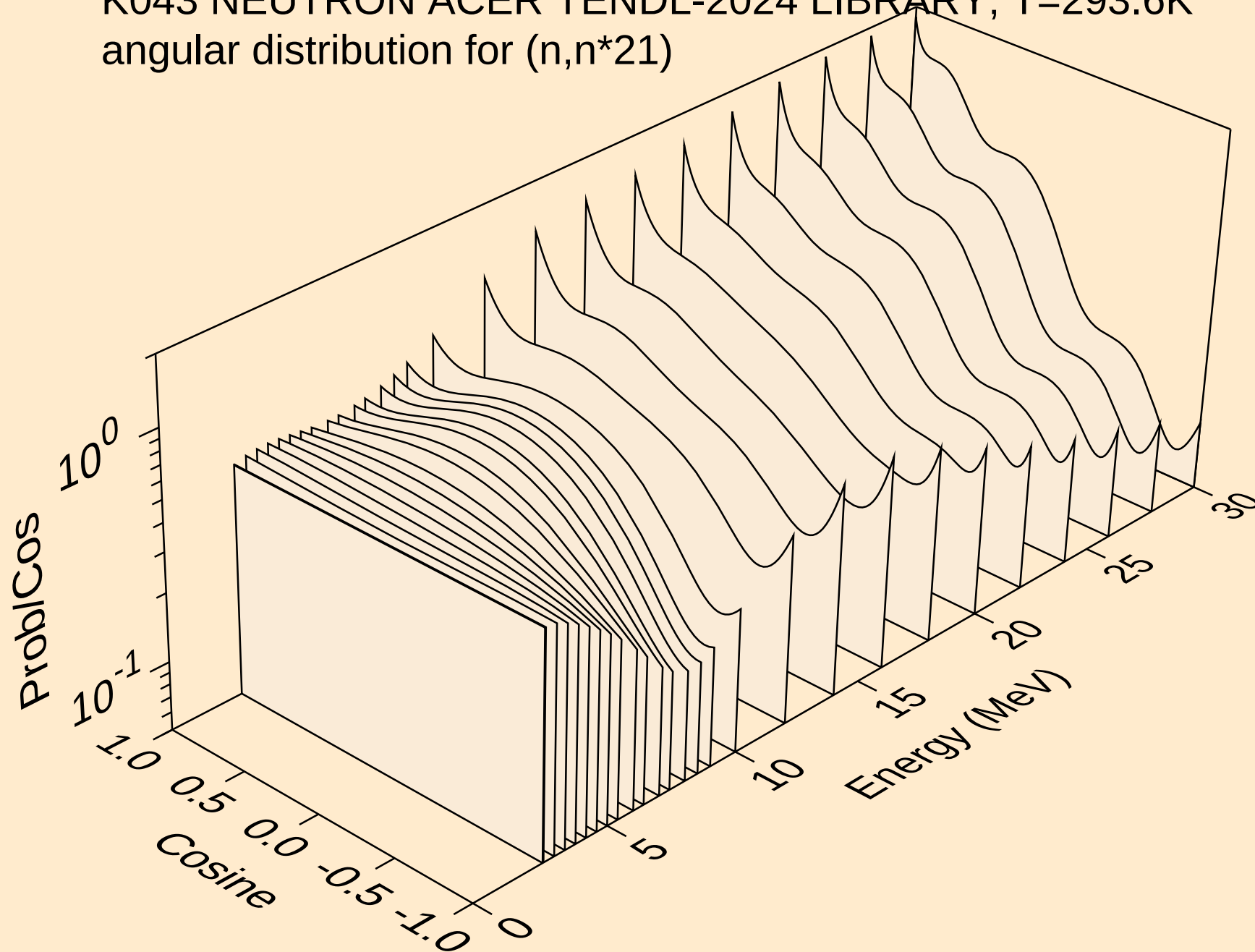
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angular distribution for (n,n\*19)



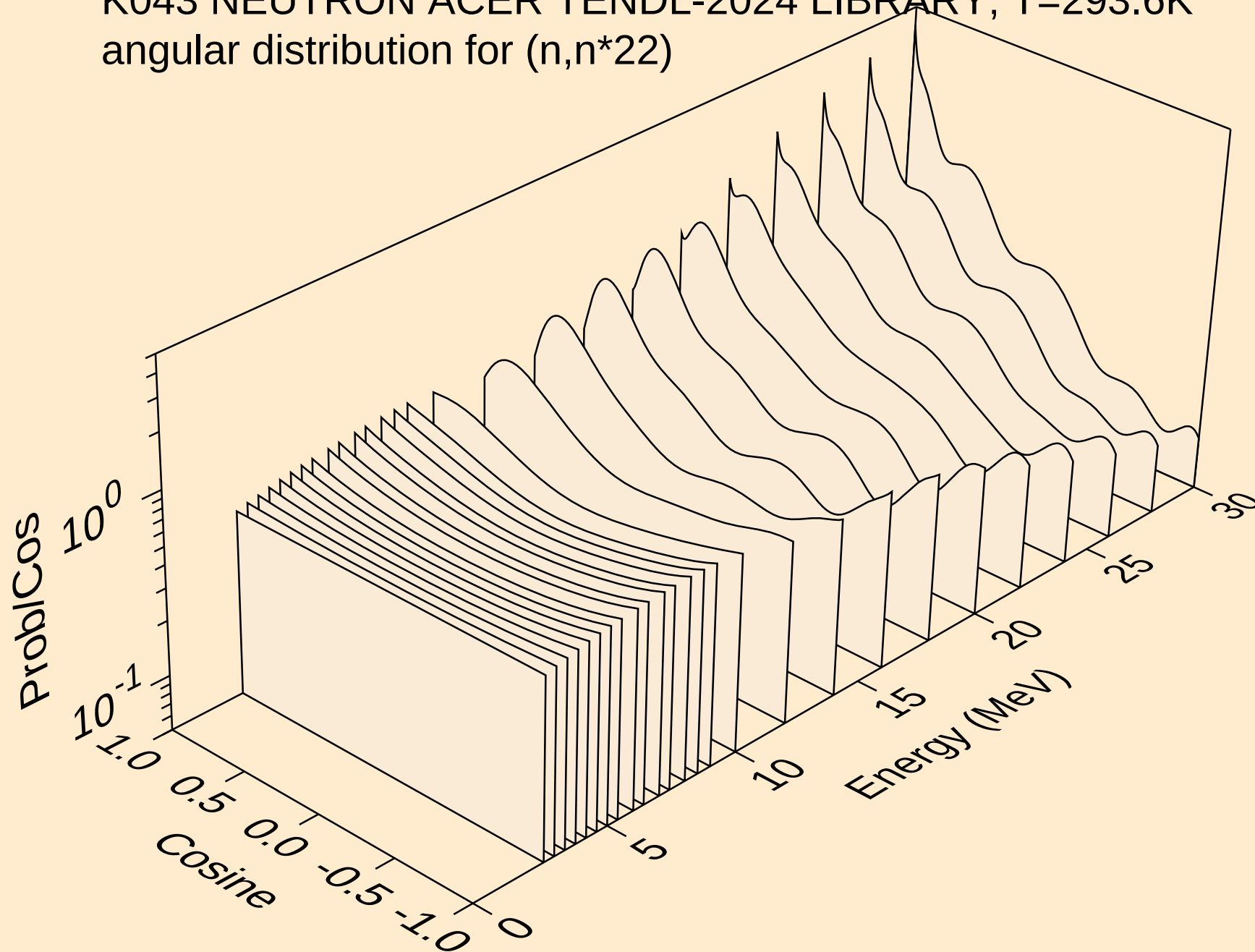
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angular distribution for (n,n\*20)



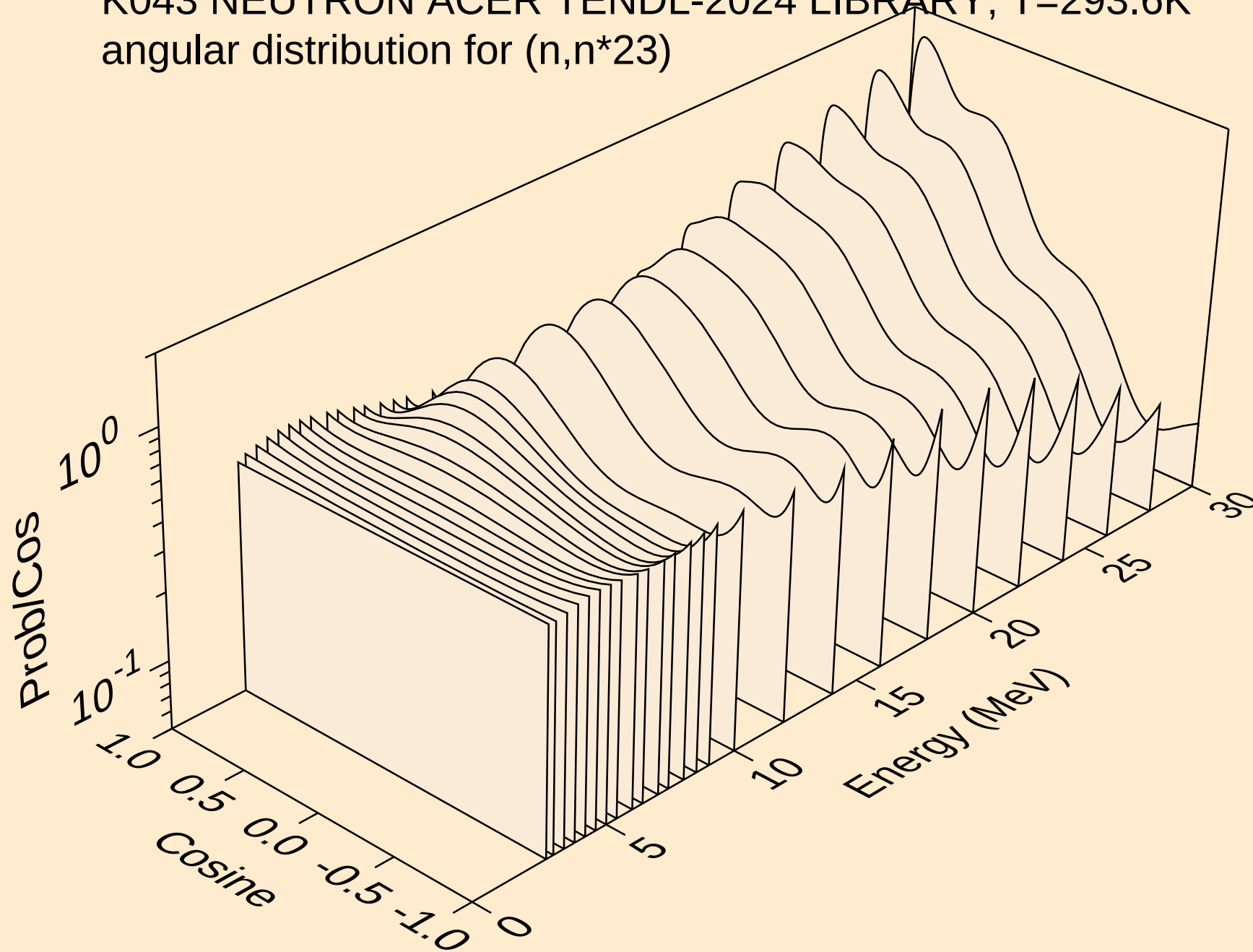
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angular distribution for (n,n\*21)



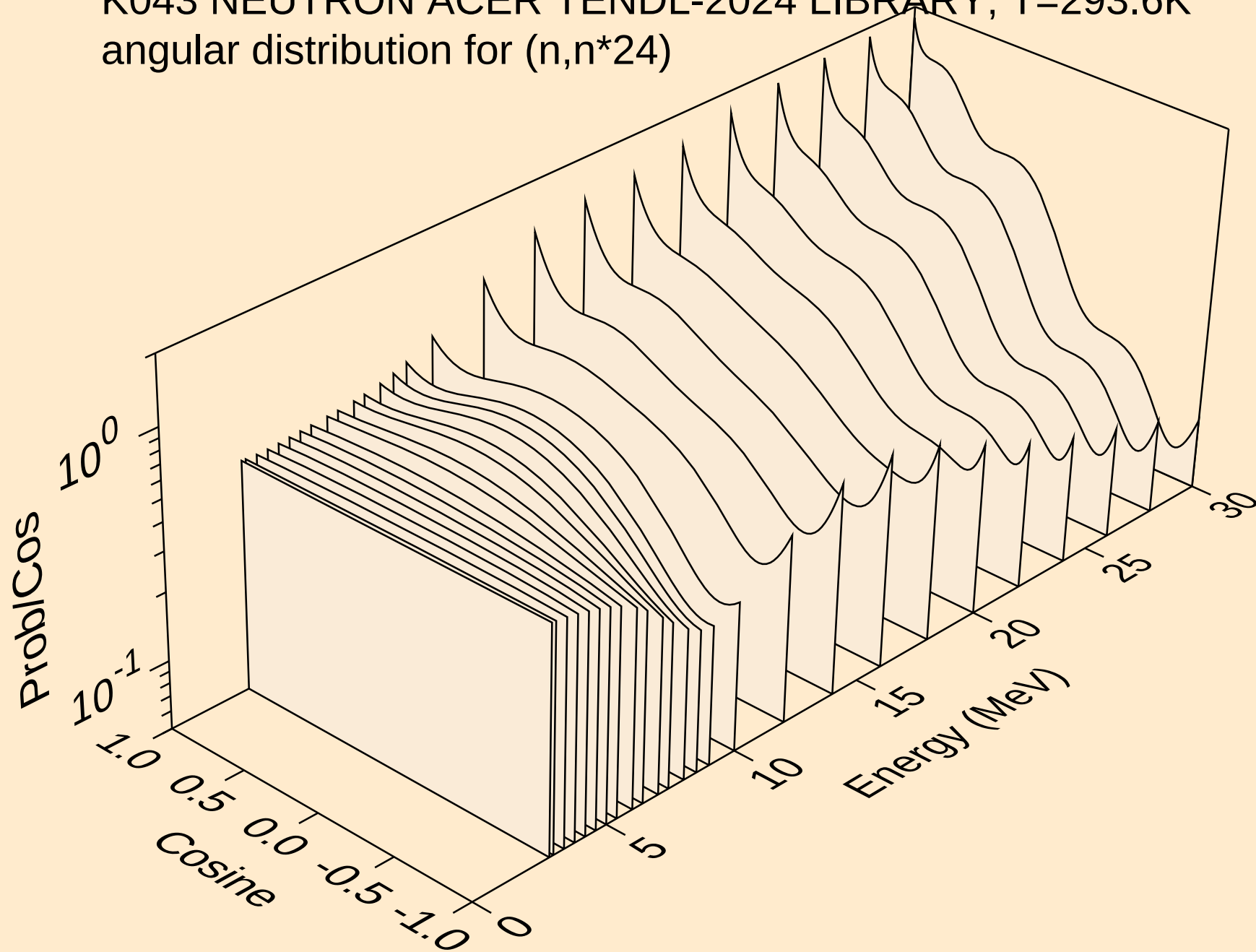
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angular distribution for (n,n\*22)



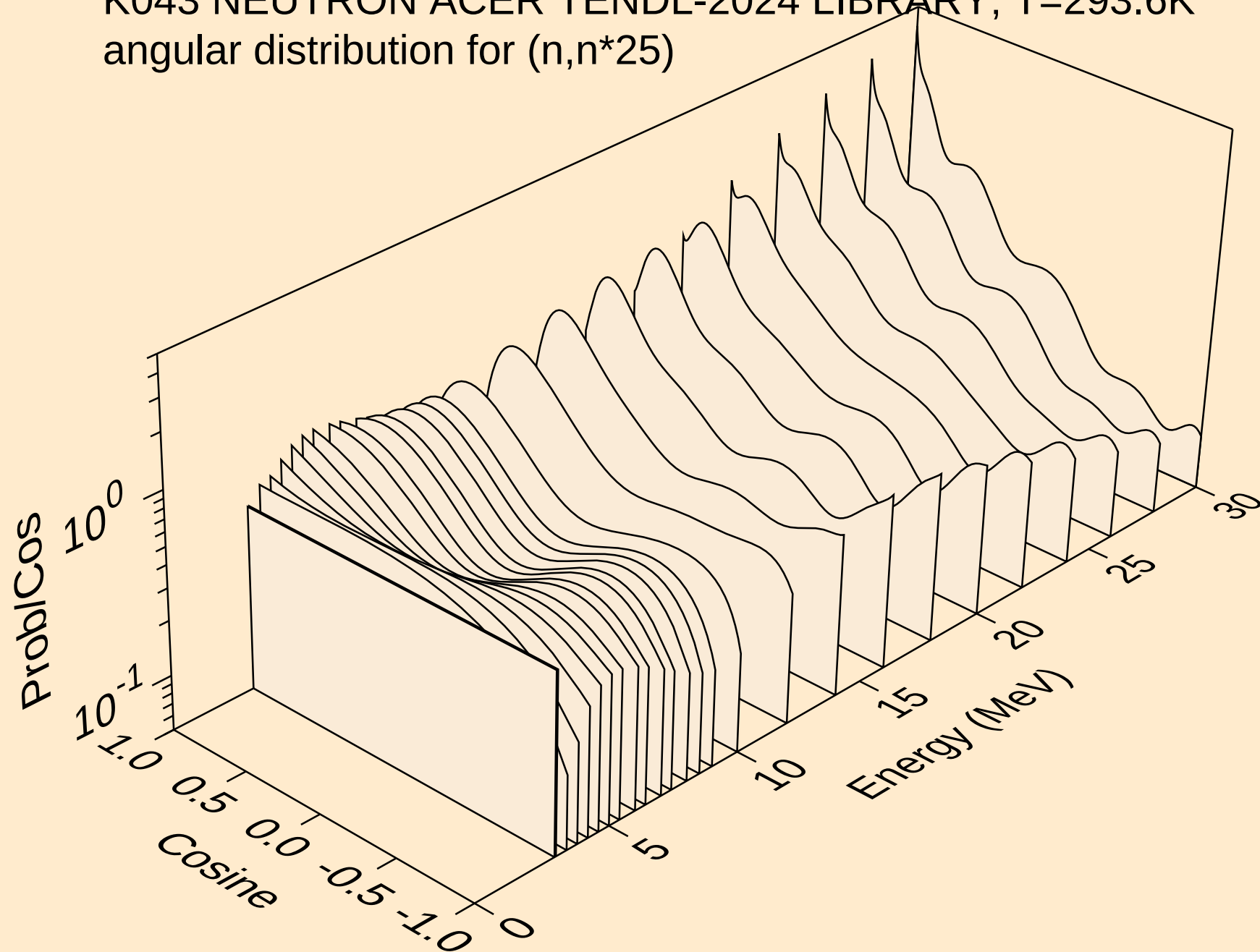
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*23)



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*24)

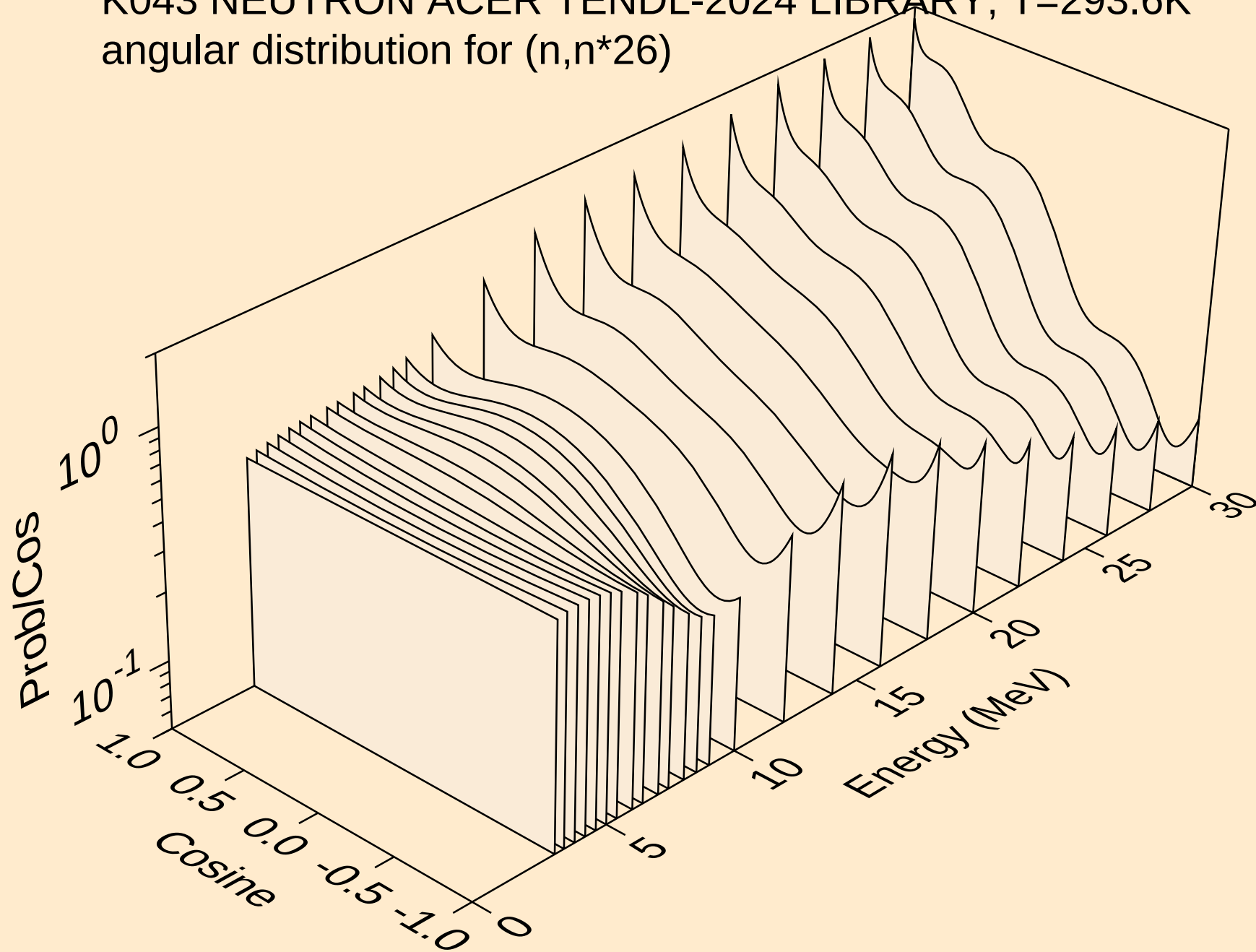


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)

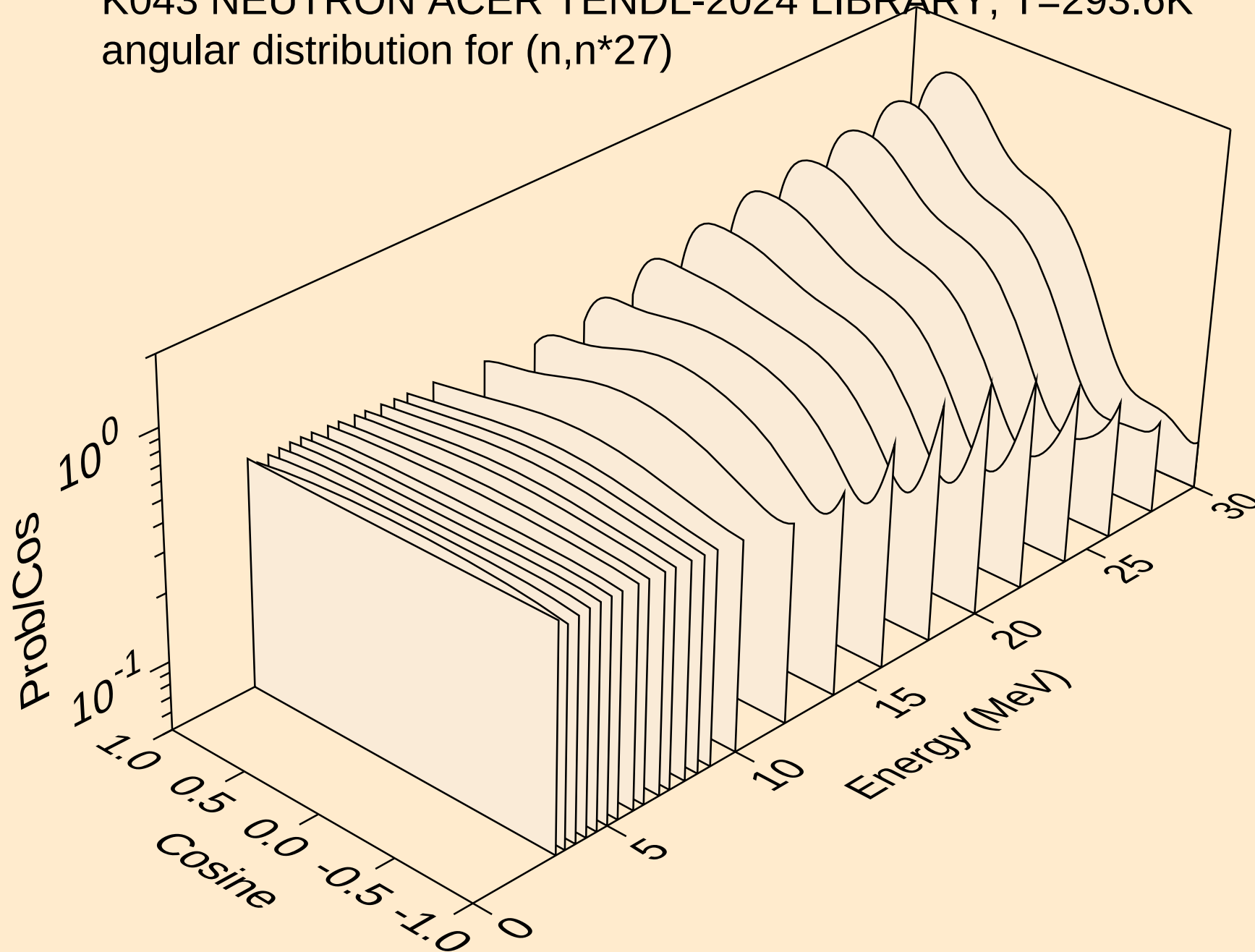




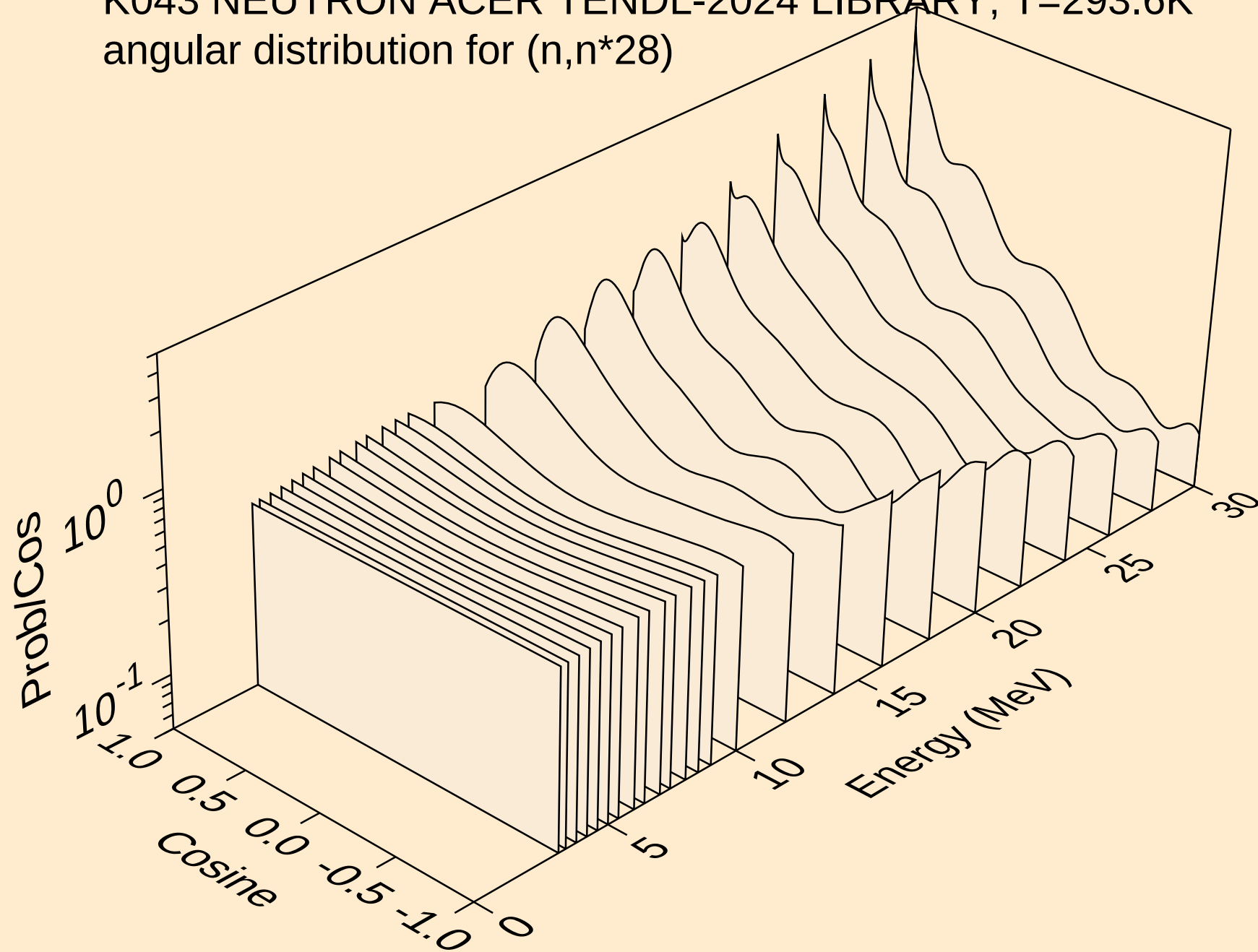
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angular distribution for (n,n\*26)



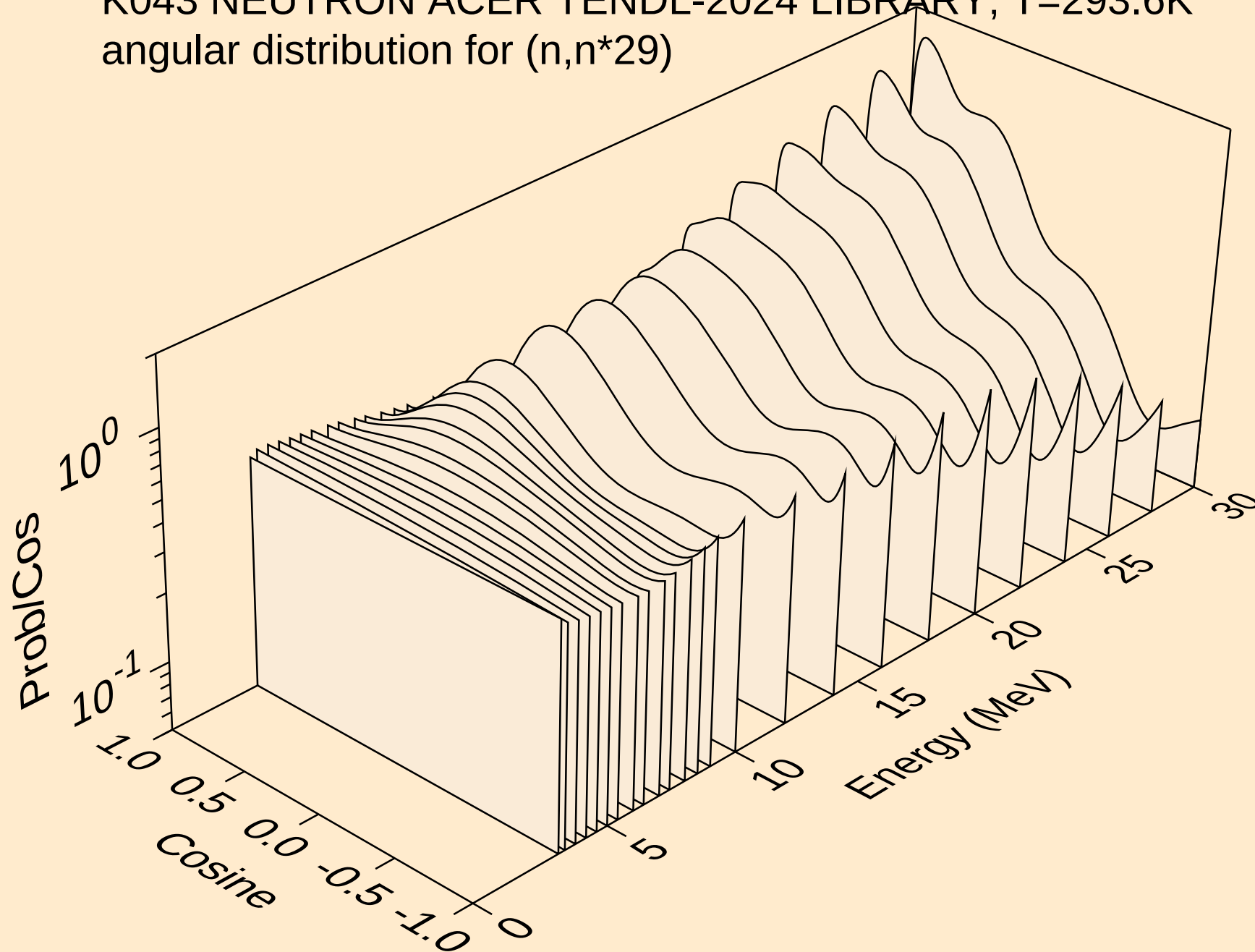
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angular distribution for (n,n\*27)



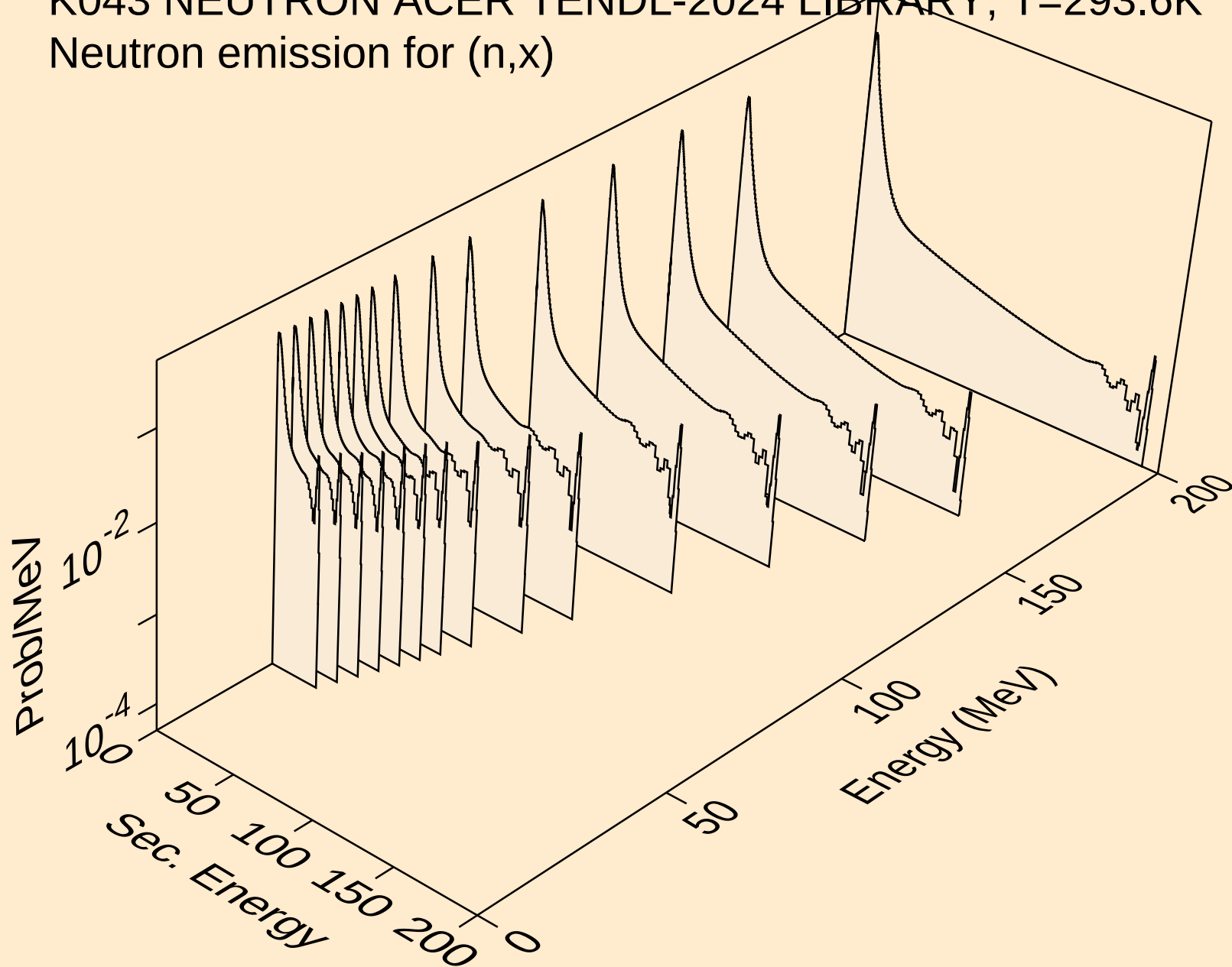
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angular distribution for (n,n\*28)



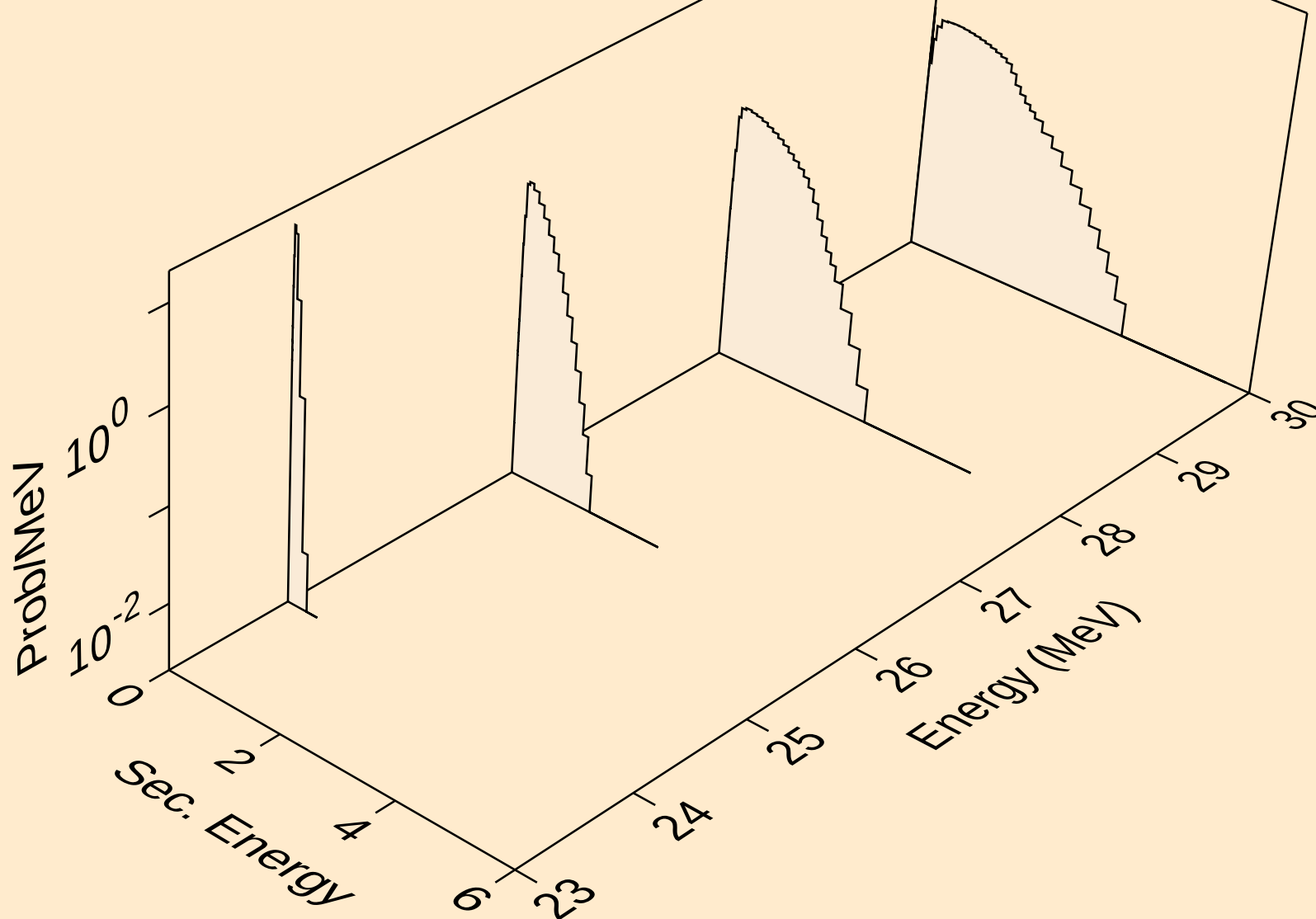
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angular distribution for (n,n\*29)



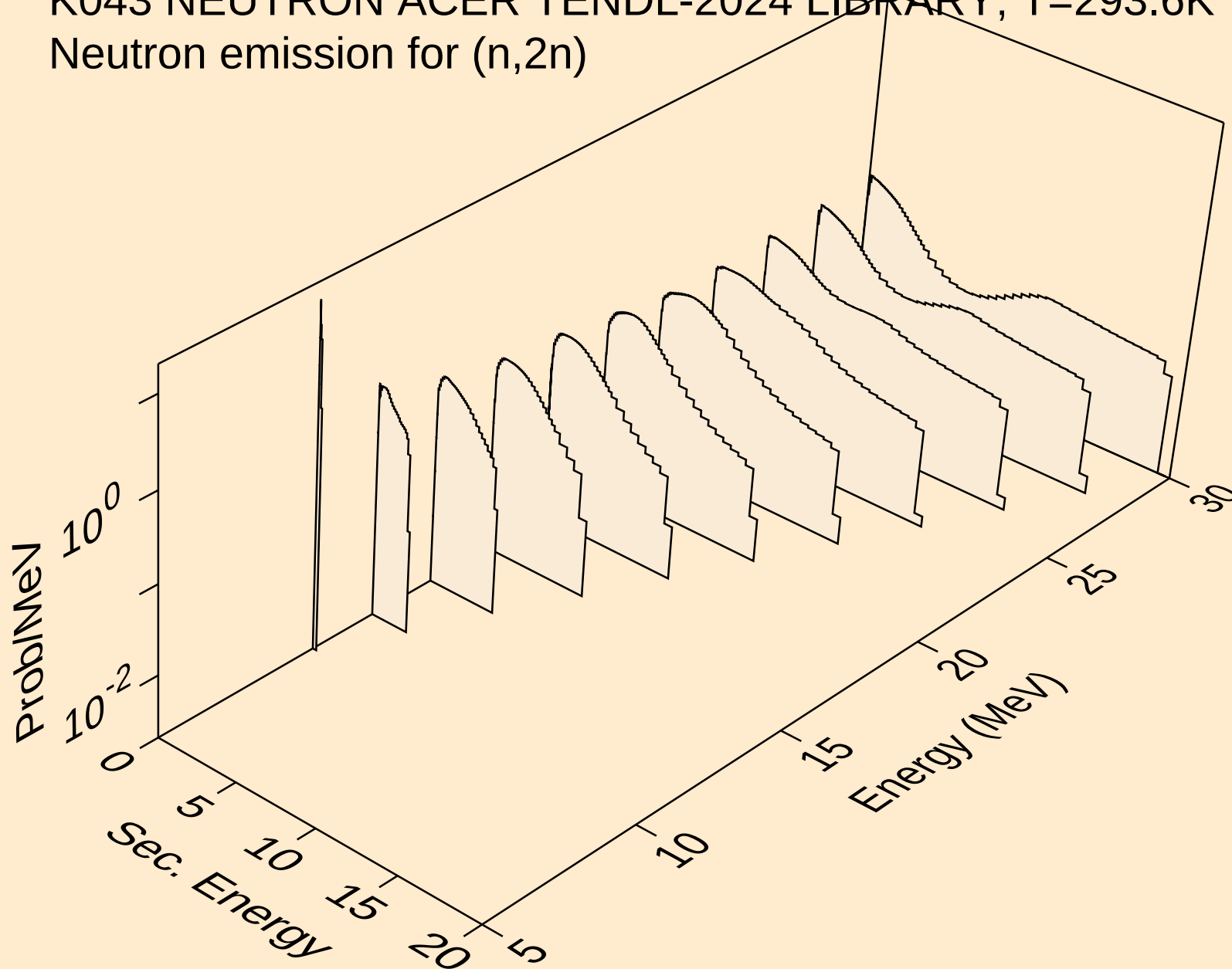
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



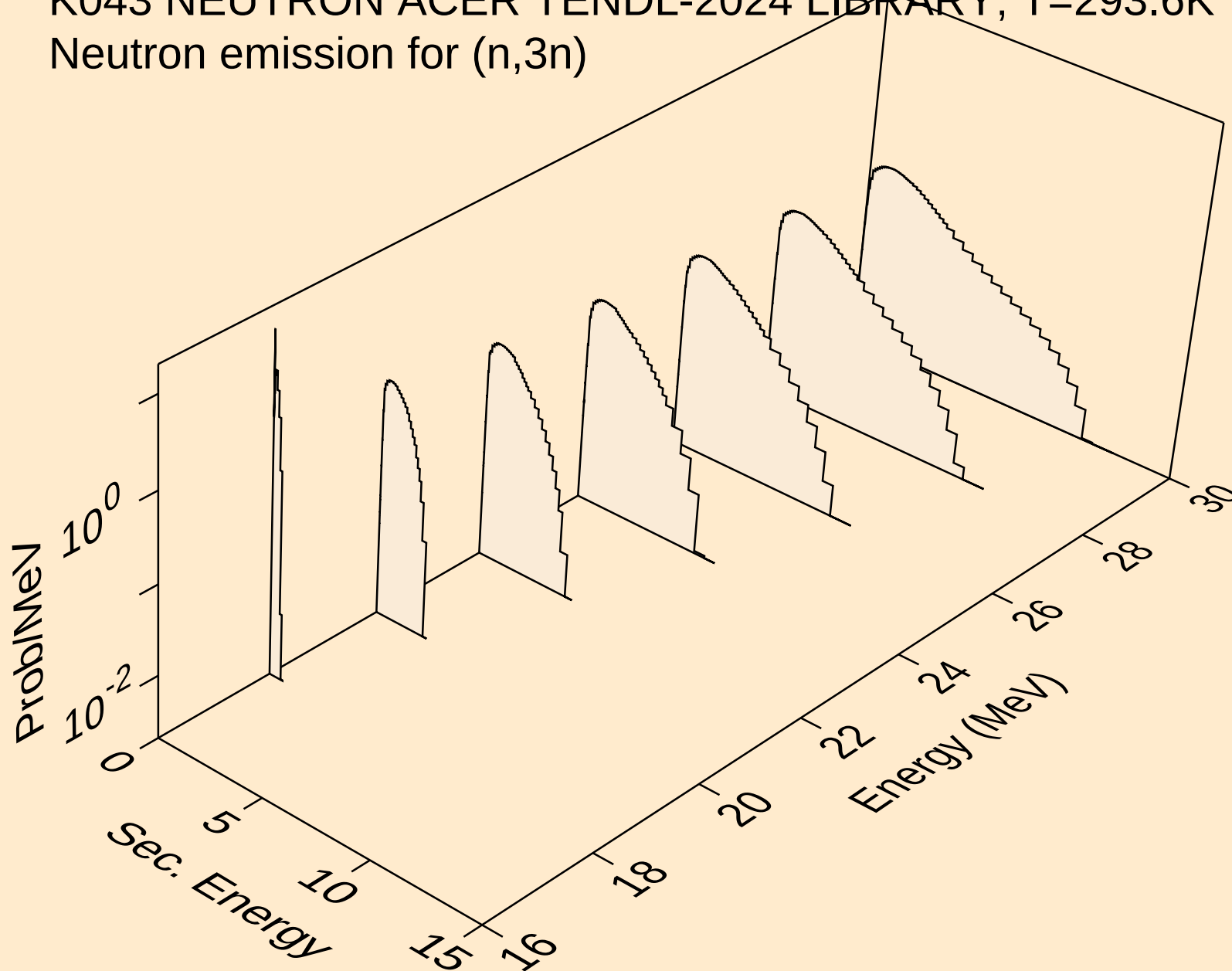
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)

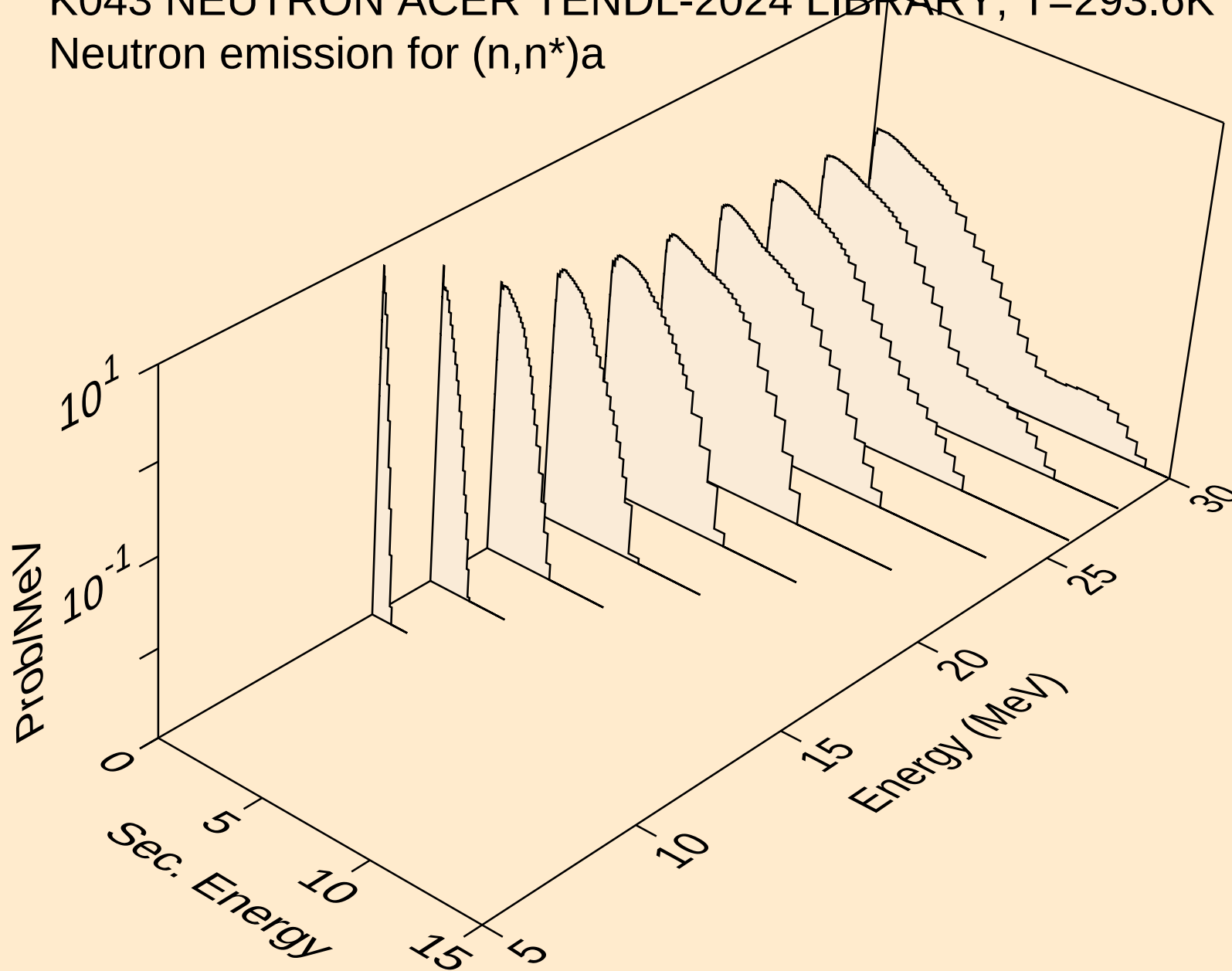


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)

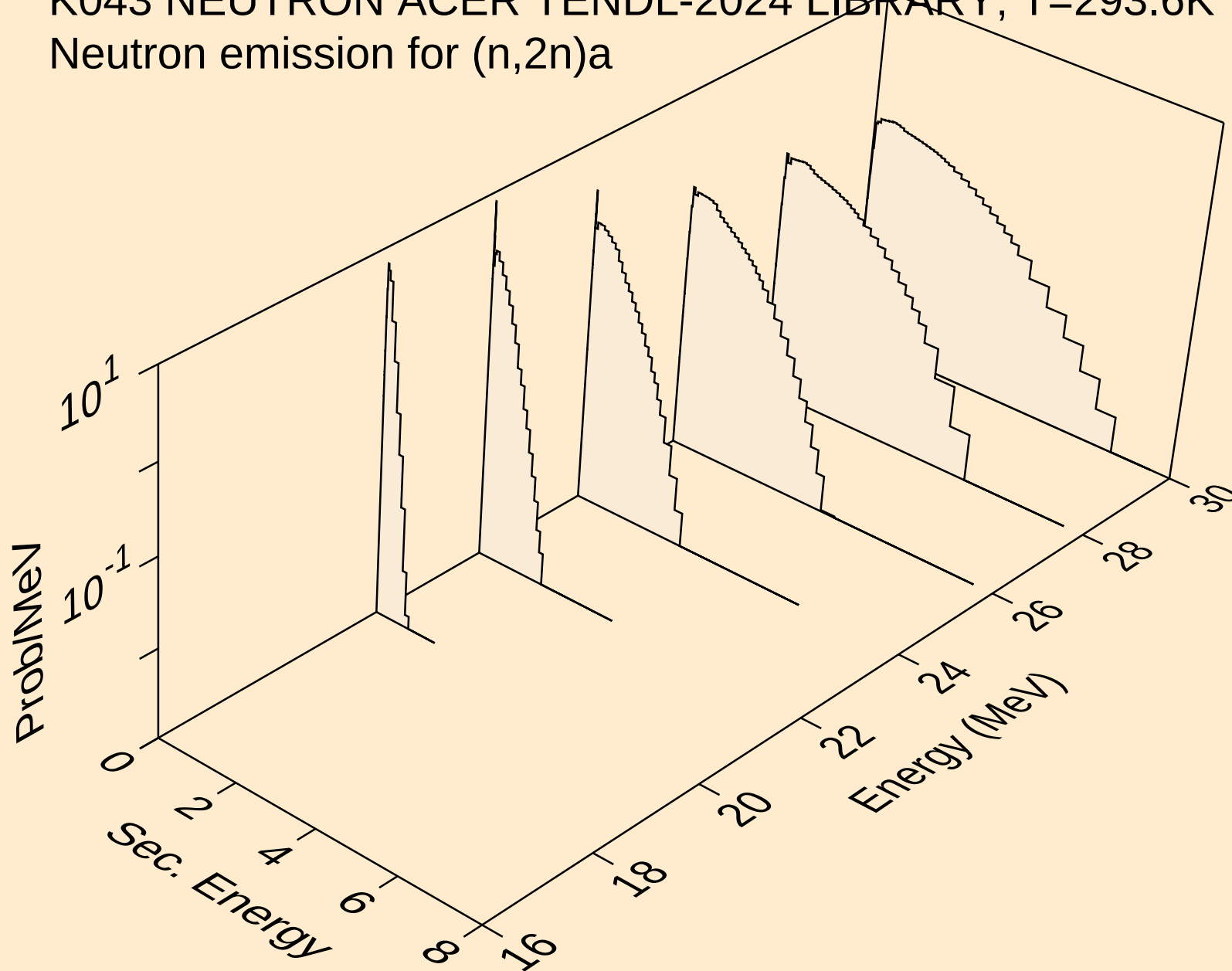




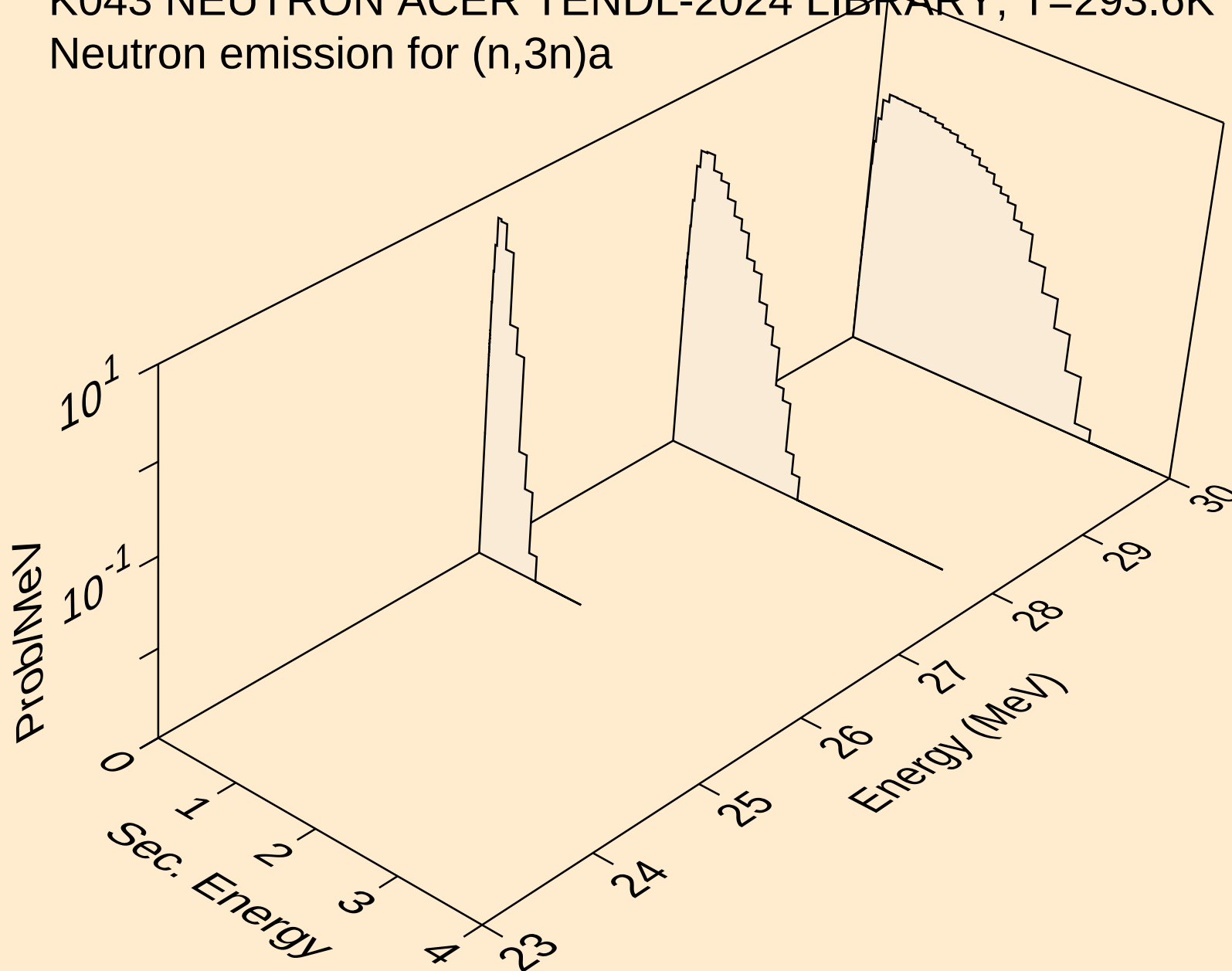
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



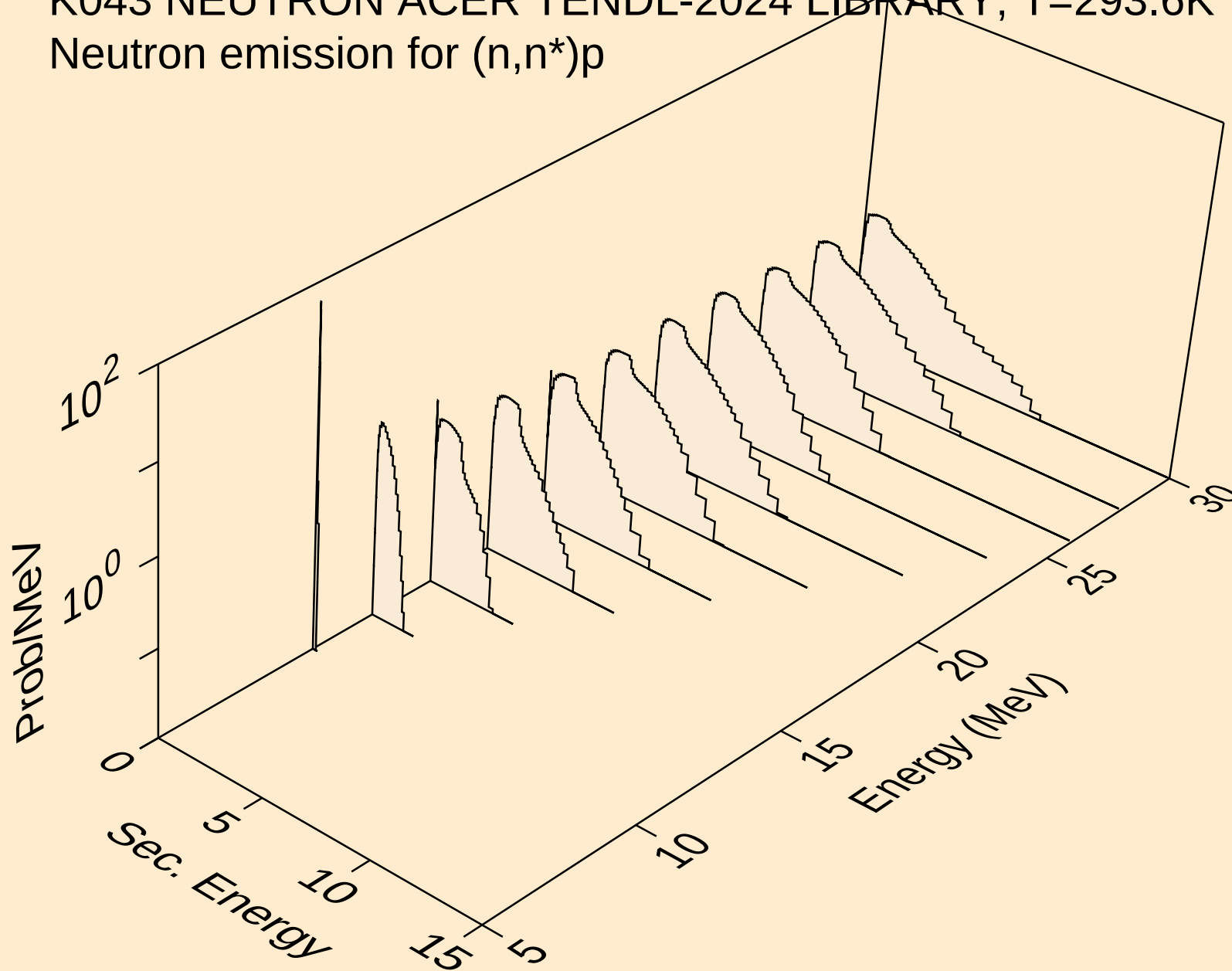
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



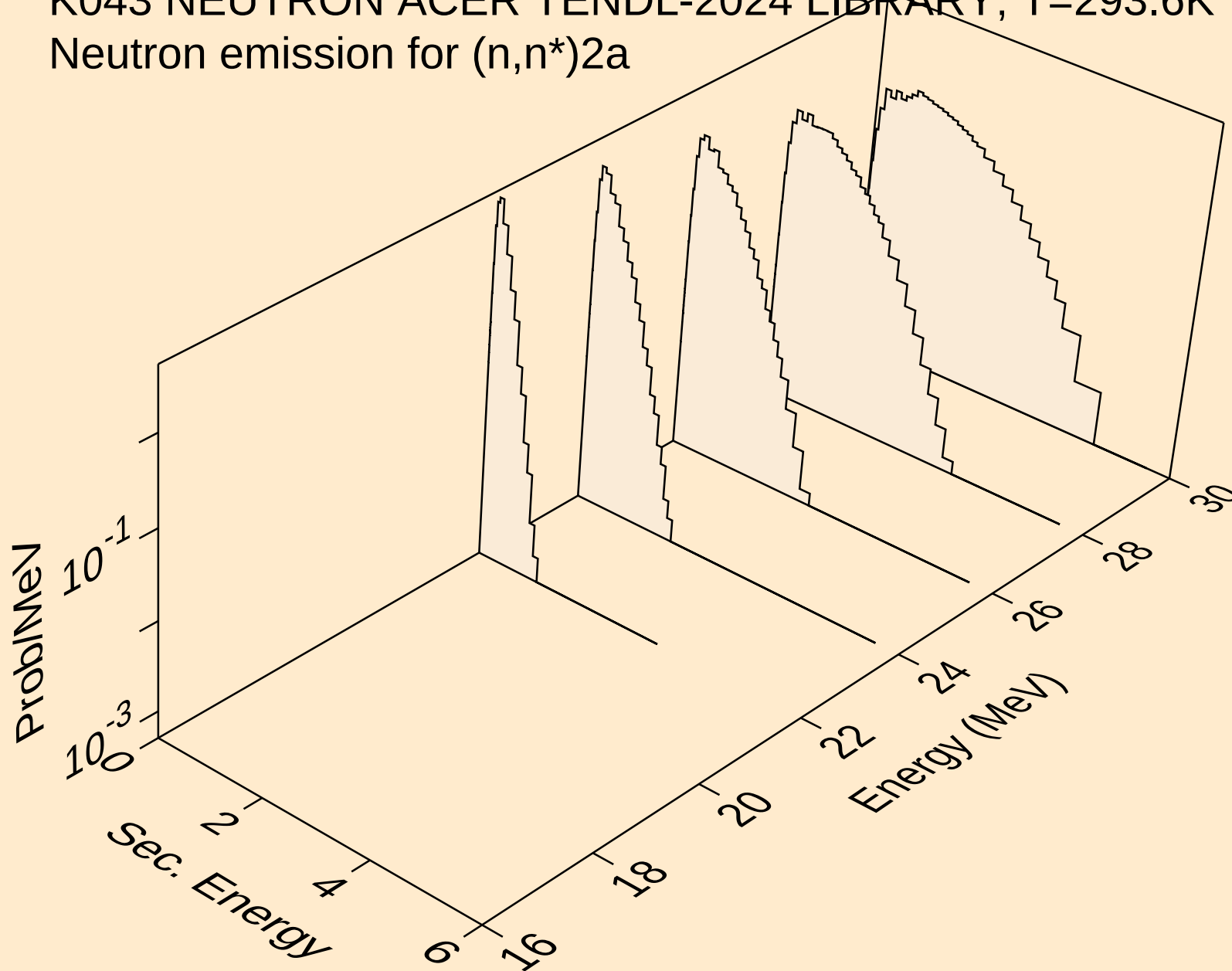
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



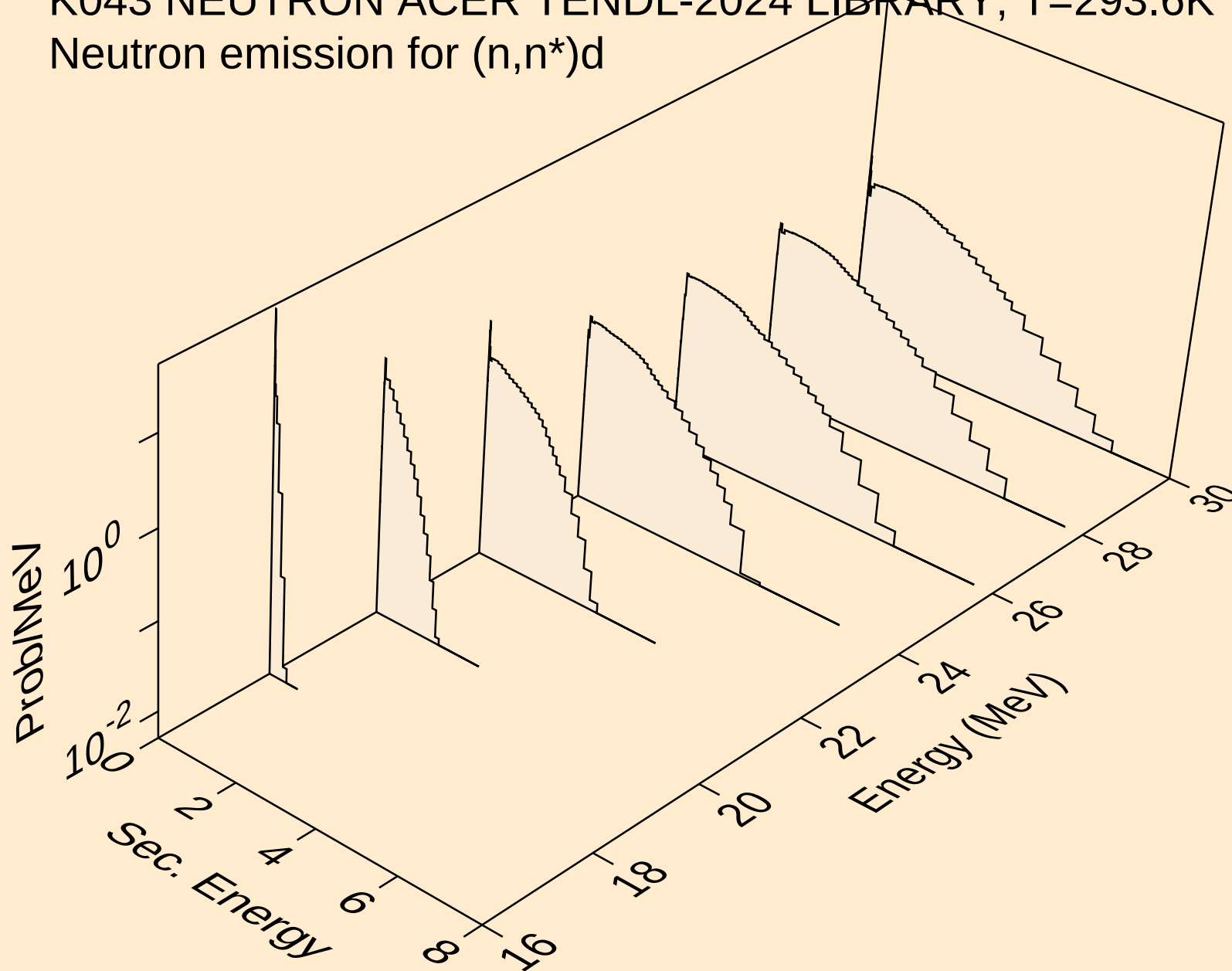
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



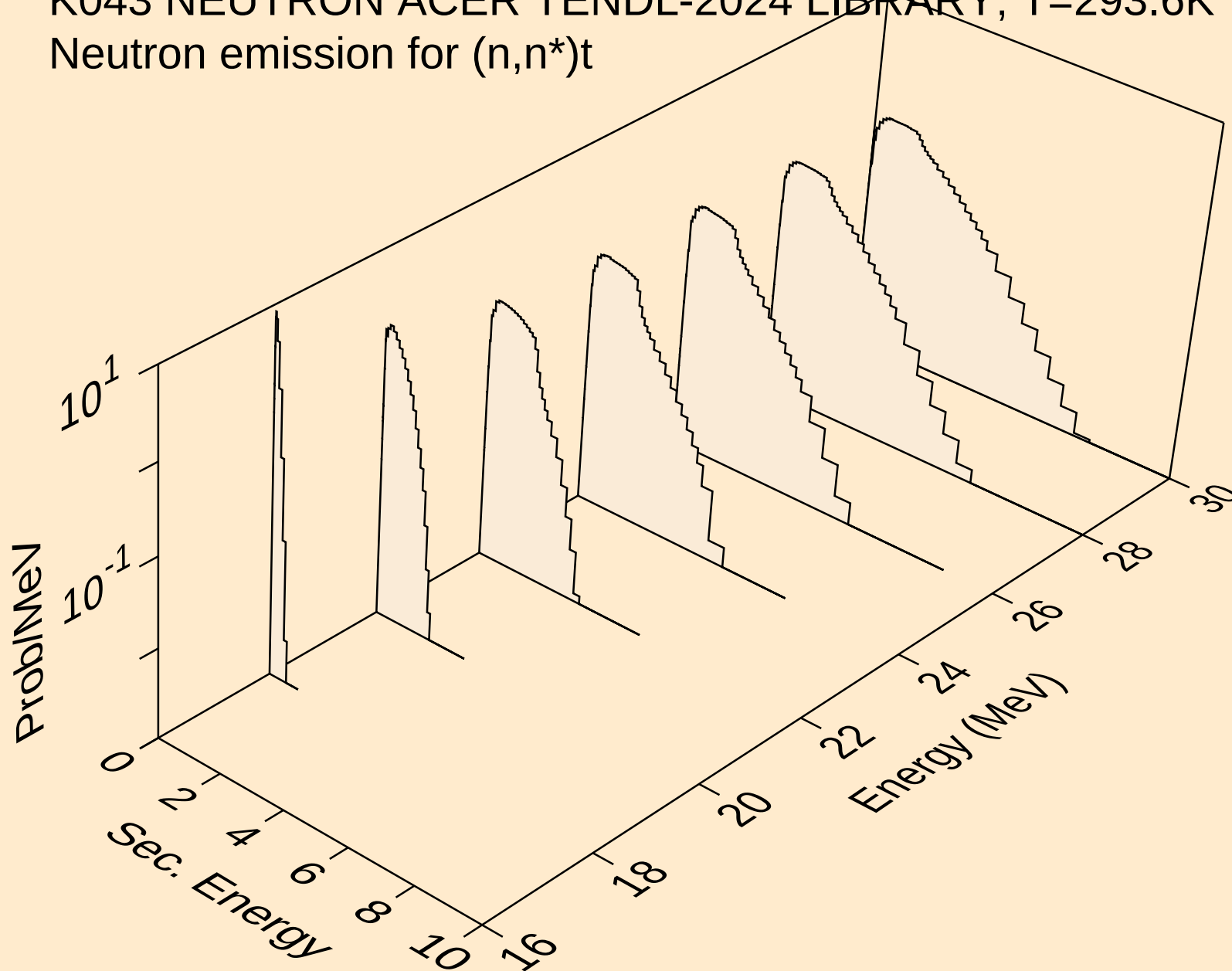
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



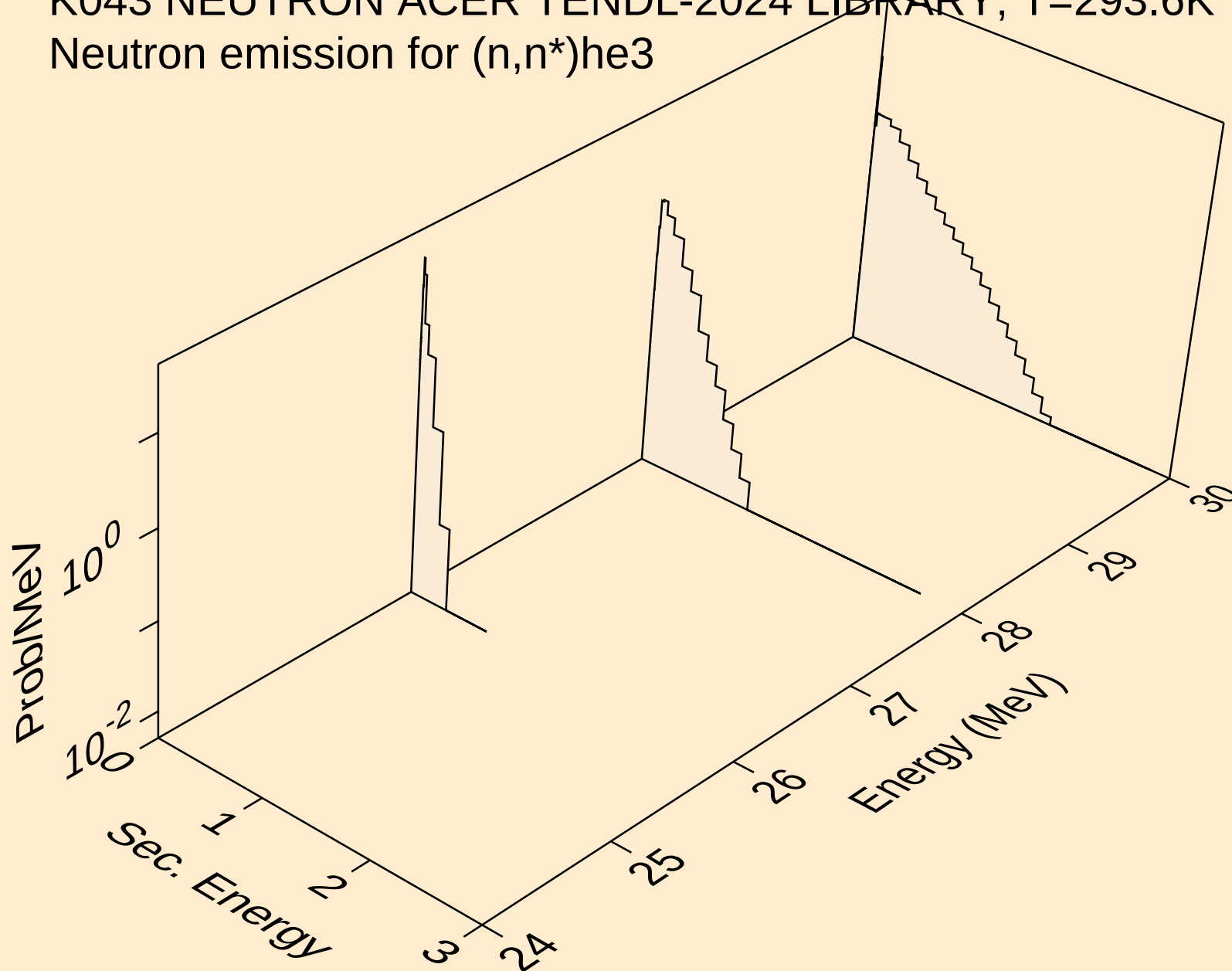
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t

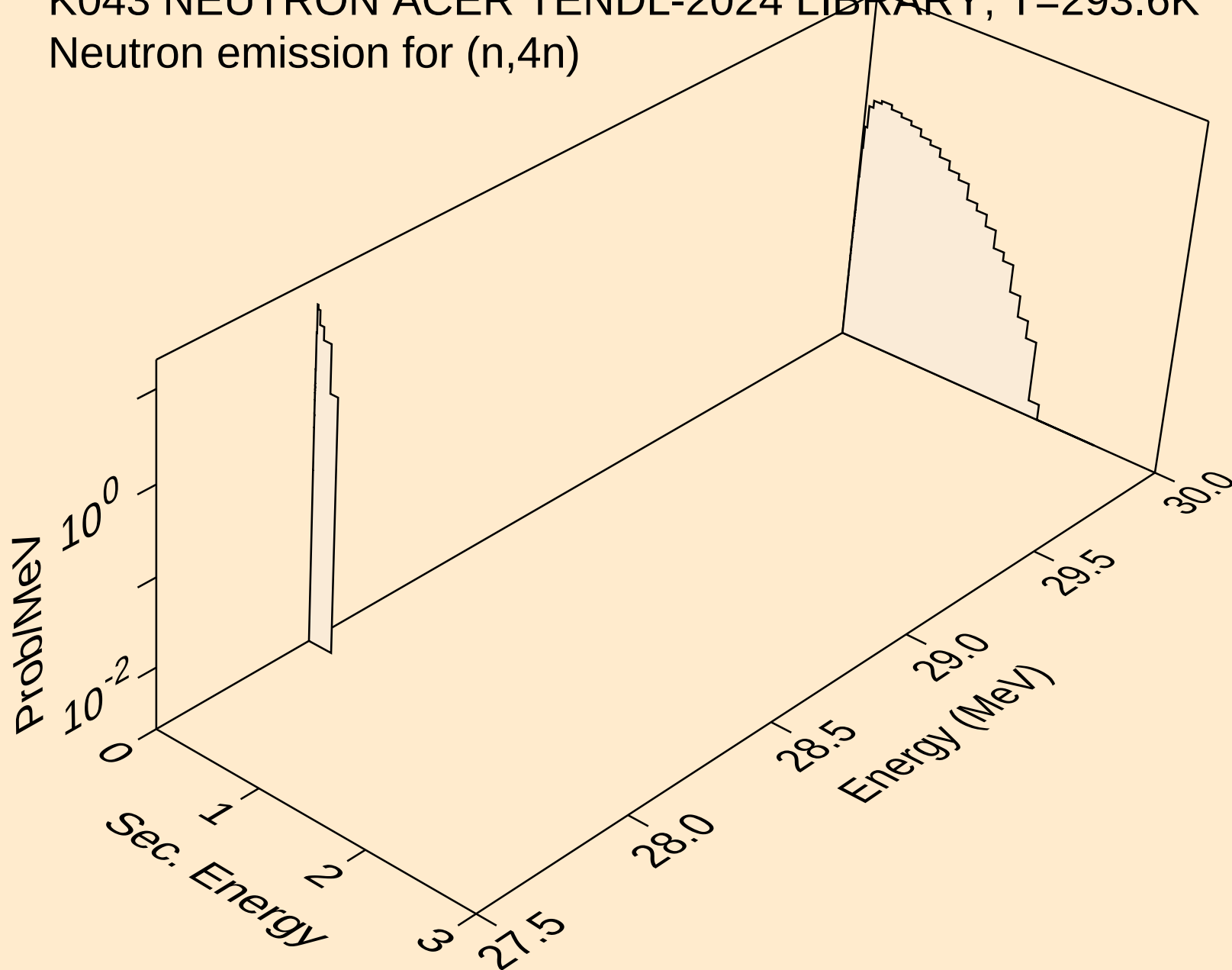


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3

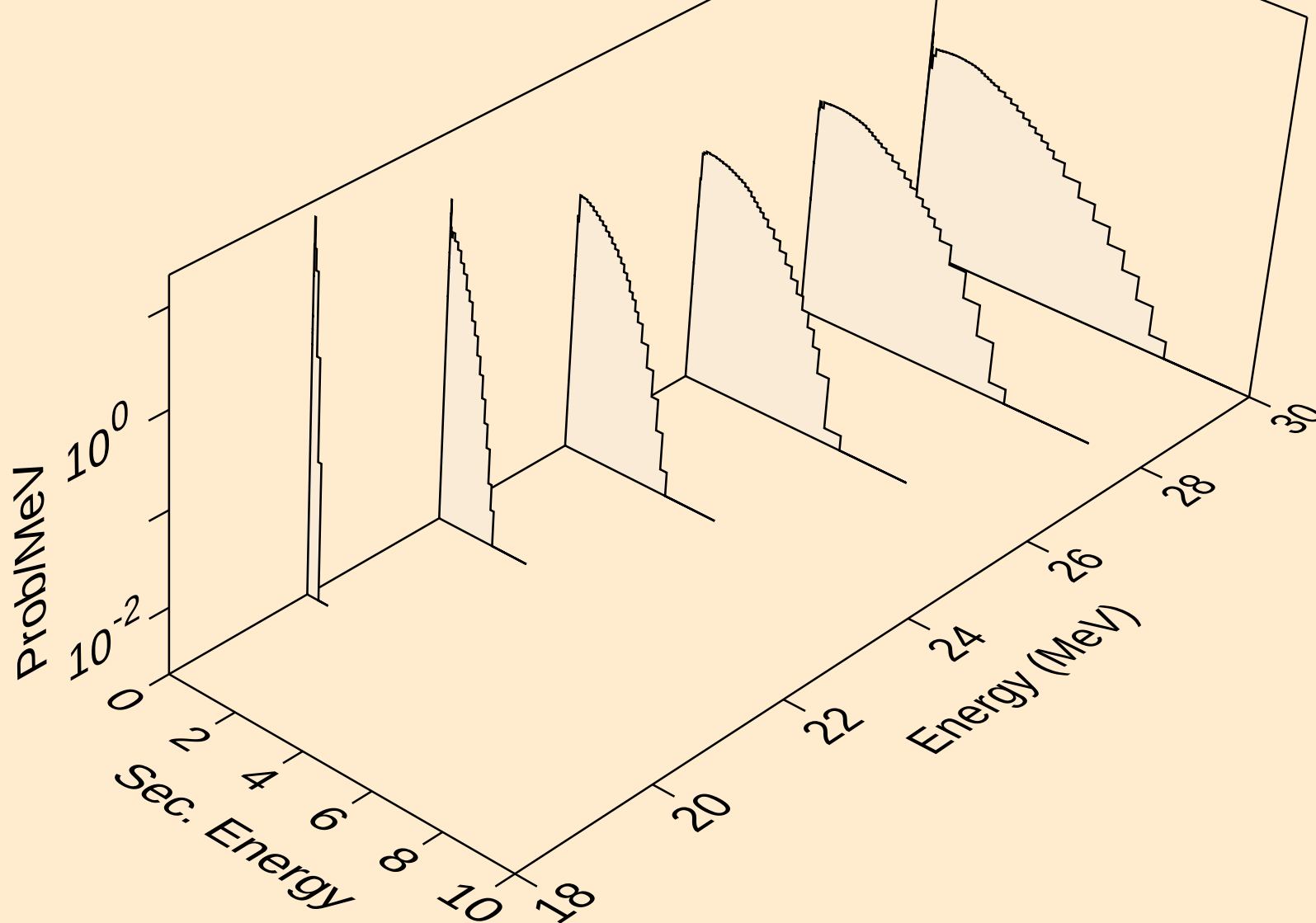




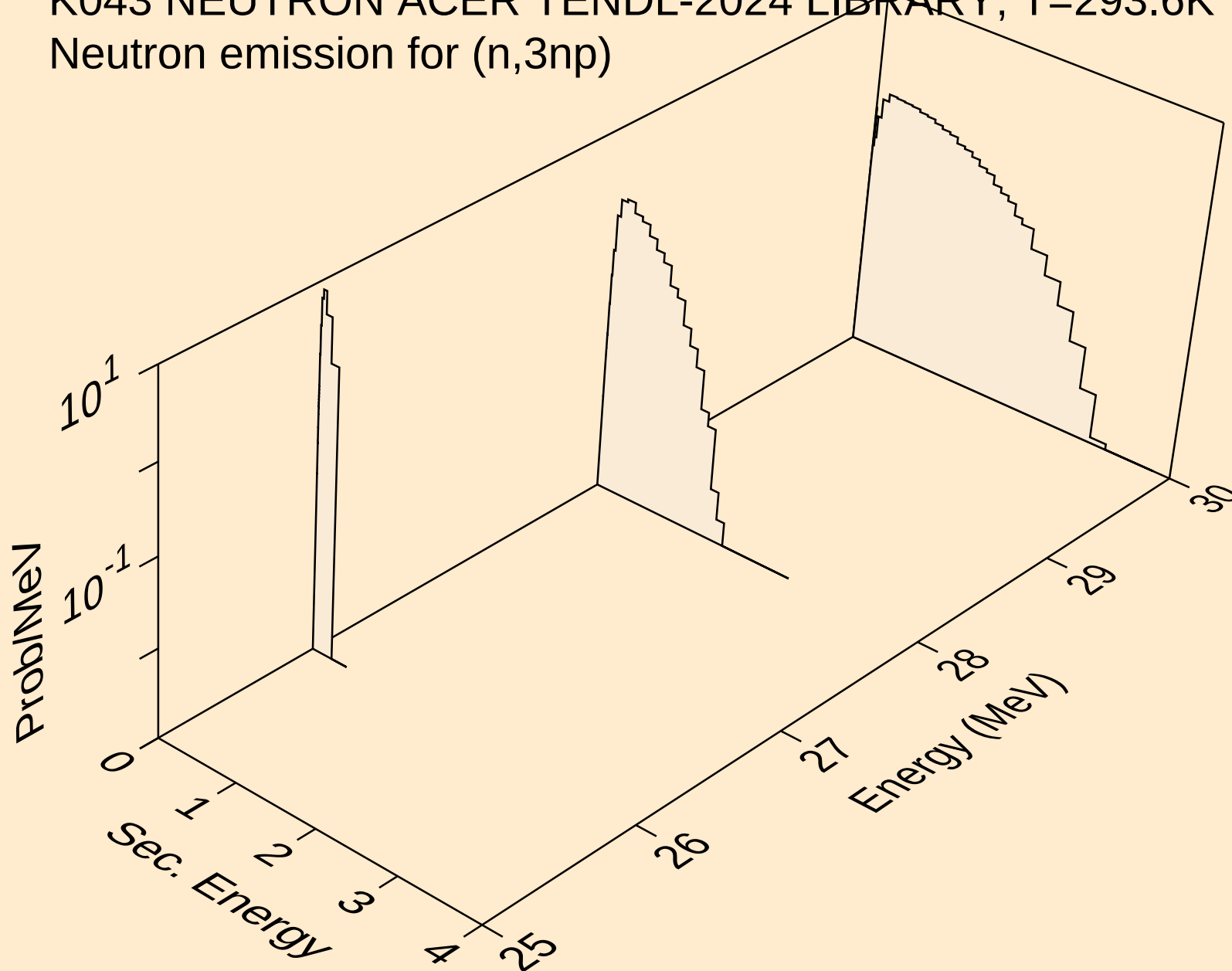
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



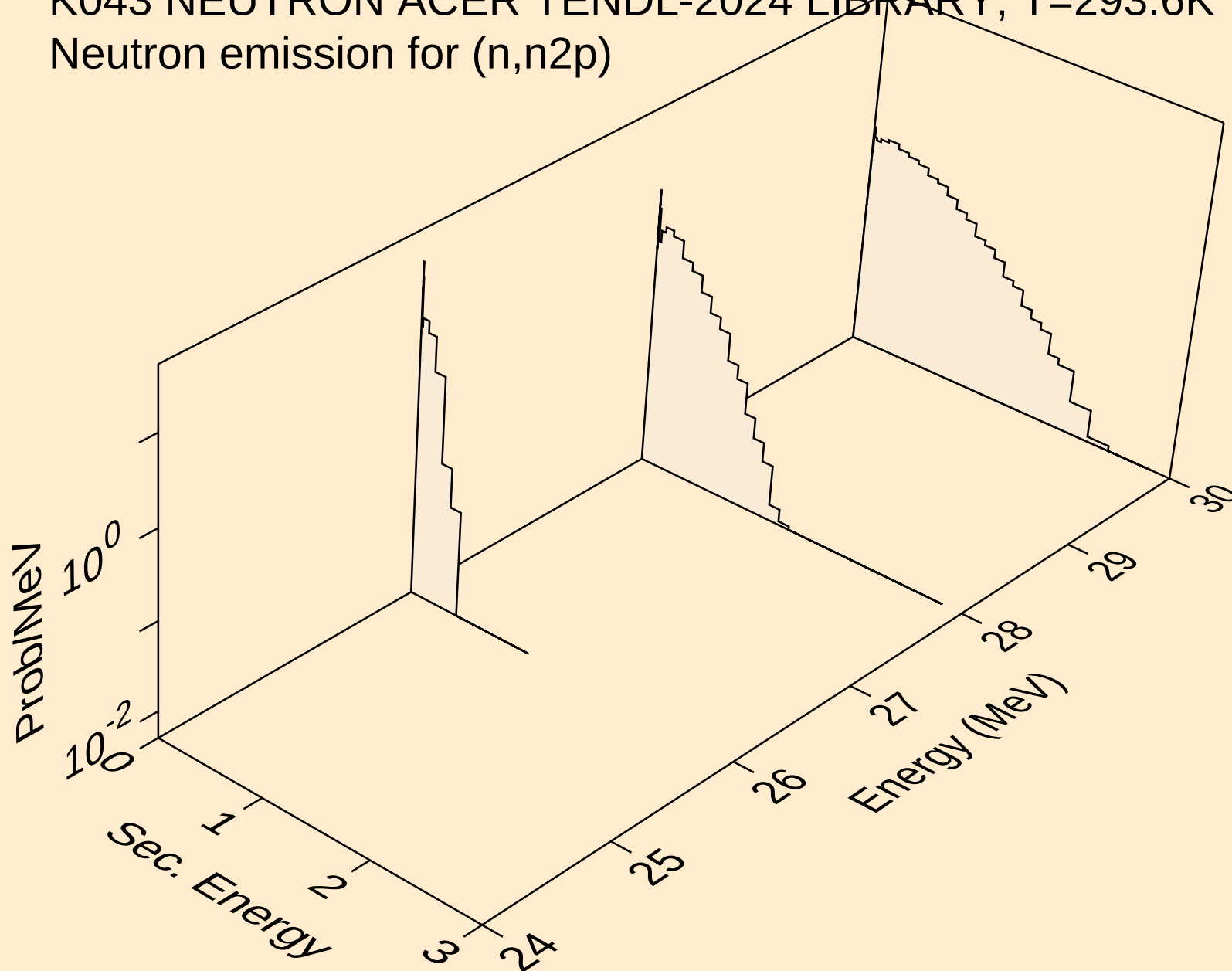
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



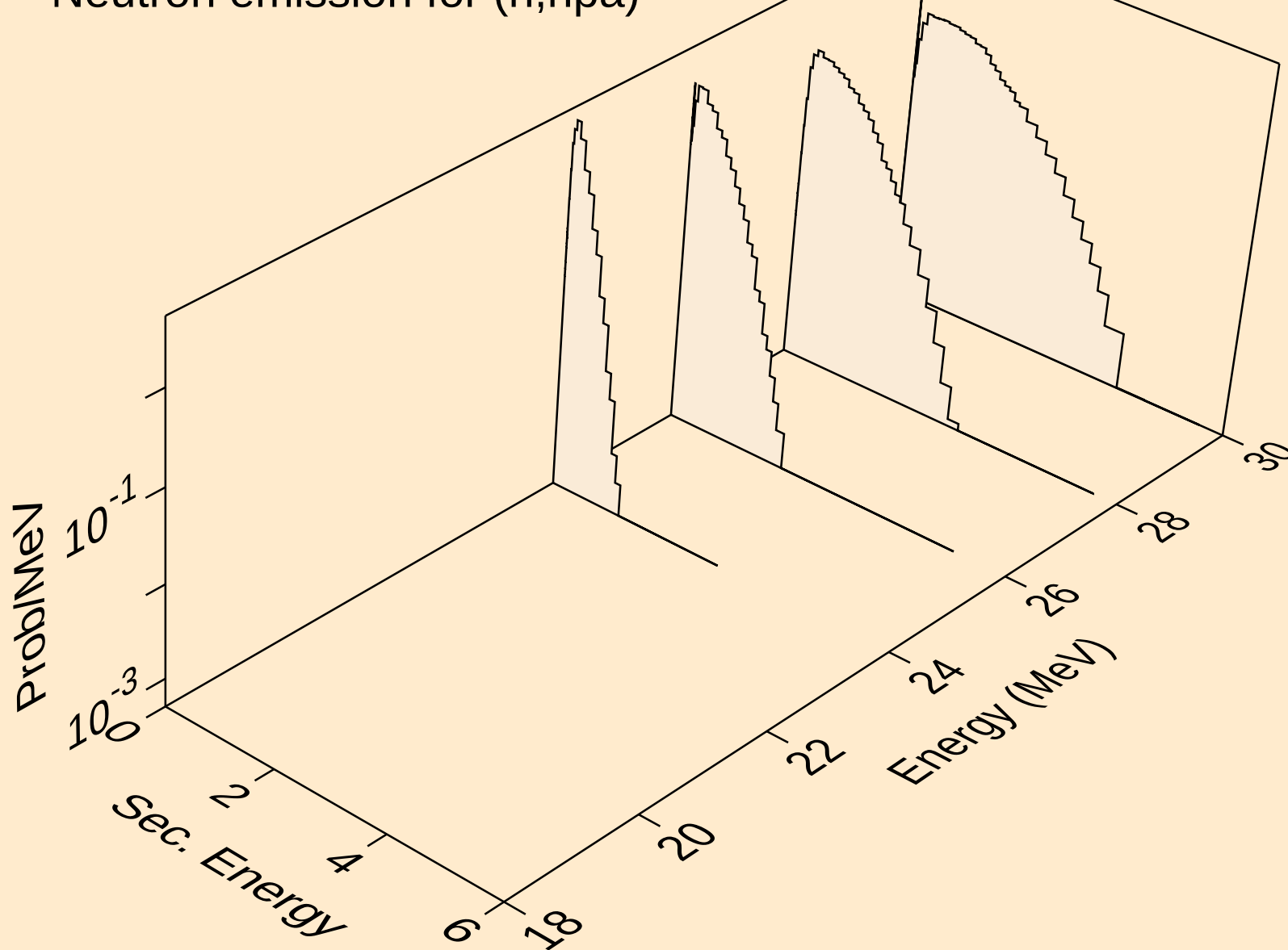
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



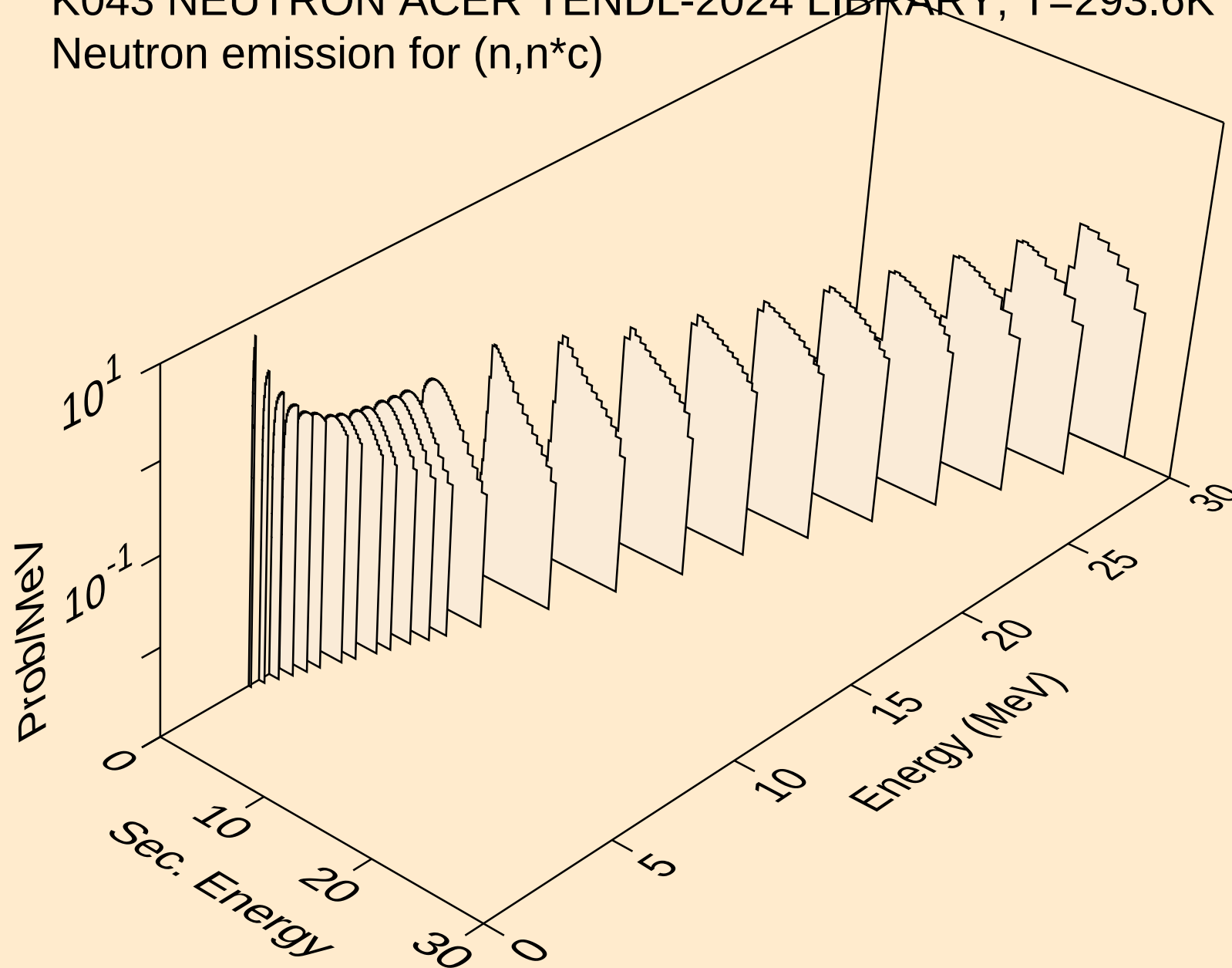
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



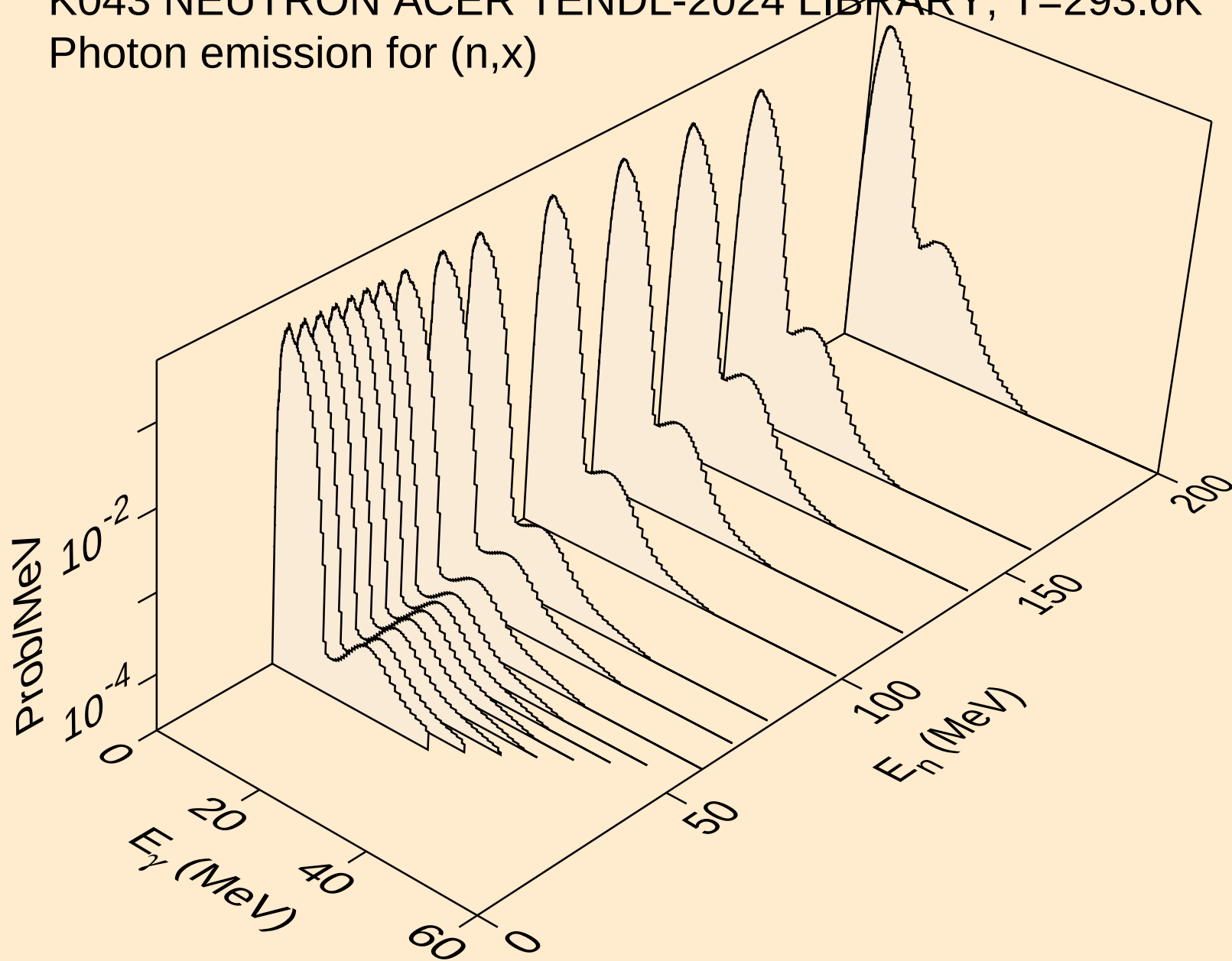
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)



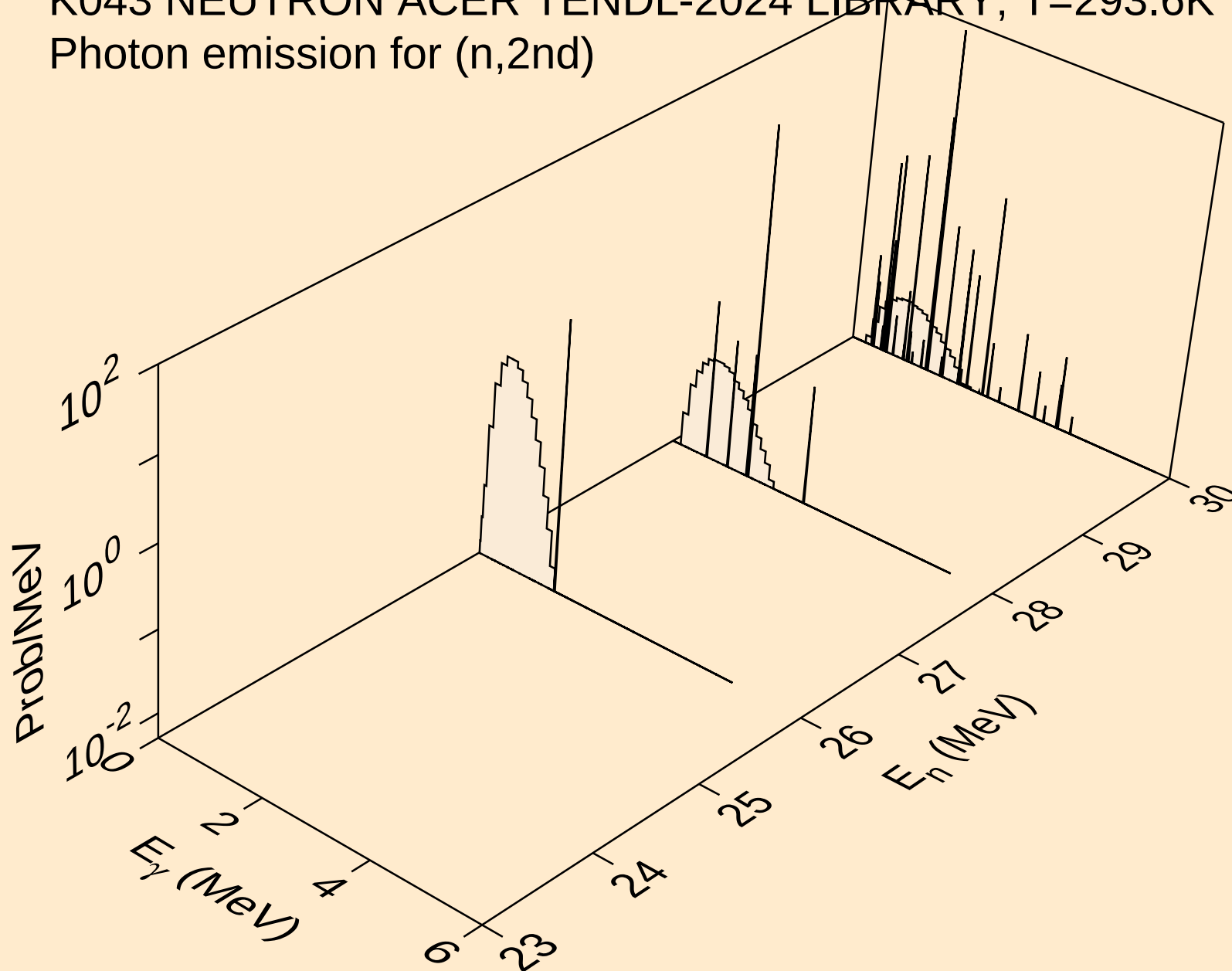
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)

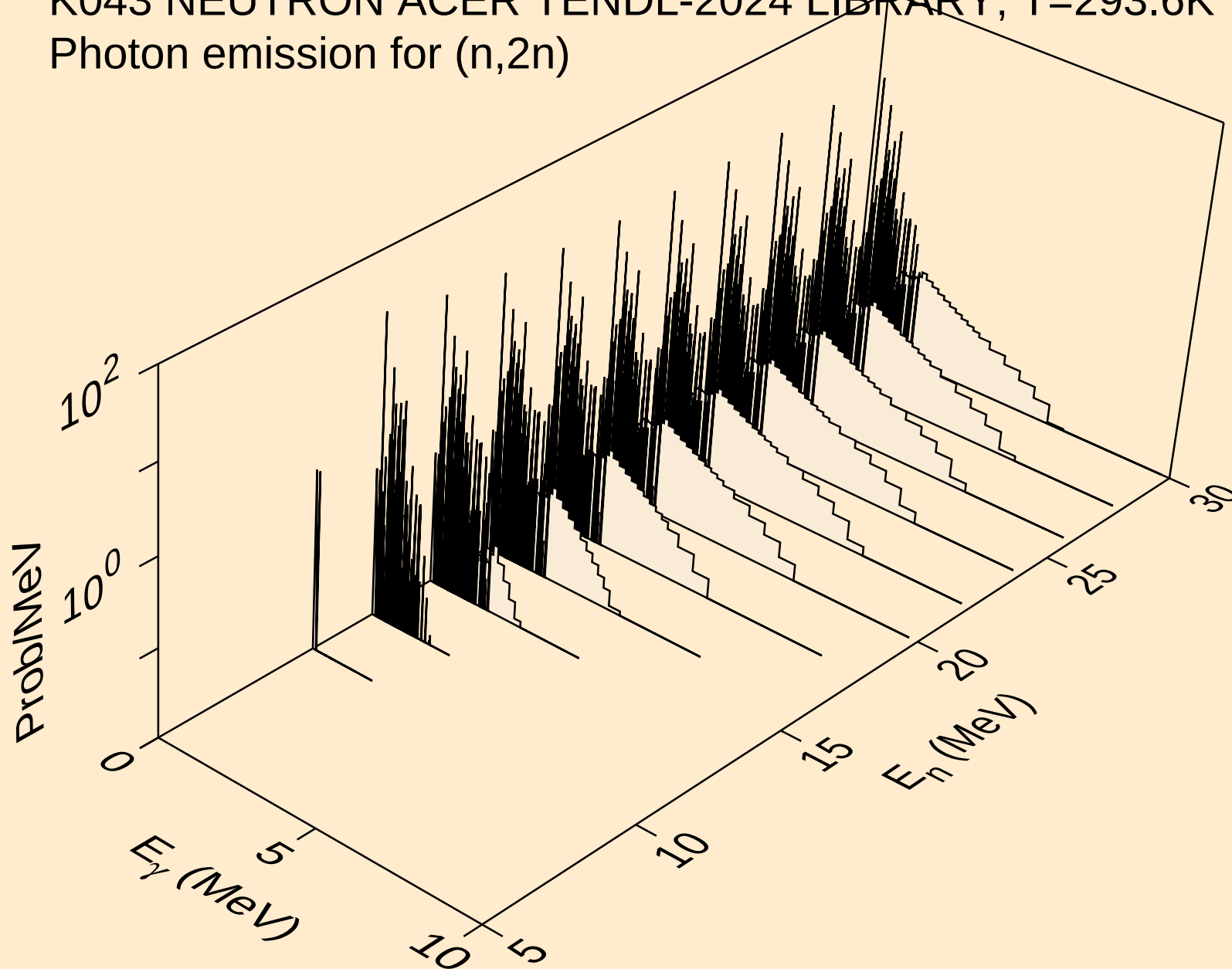


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)

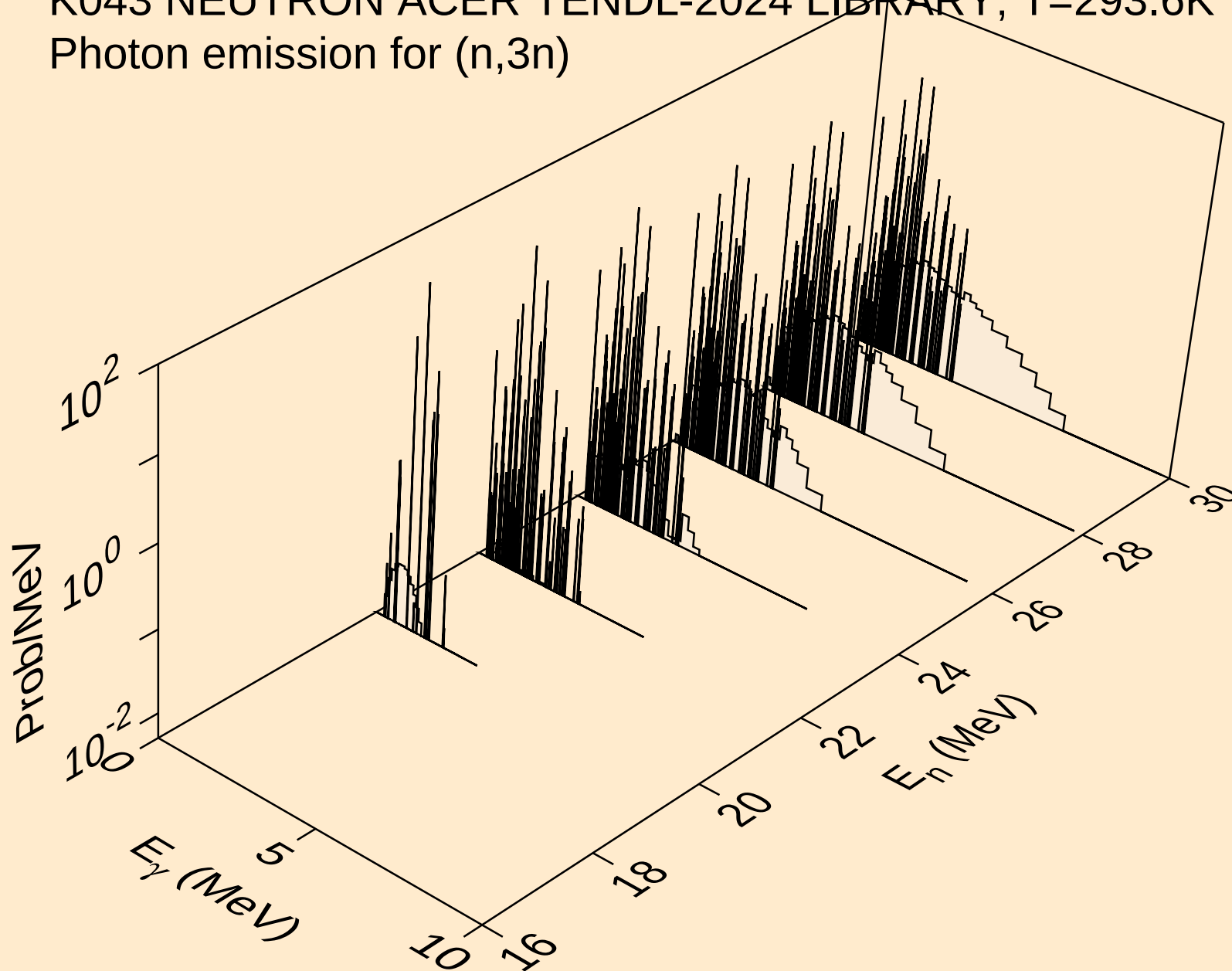




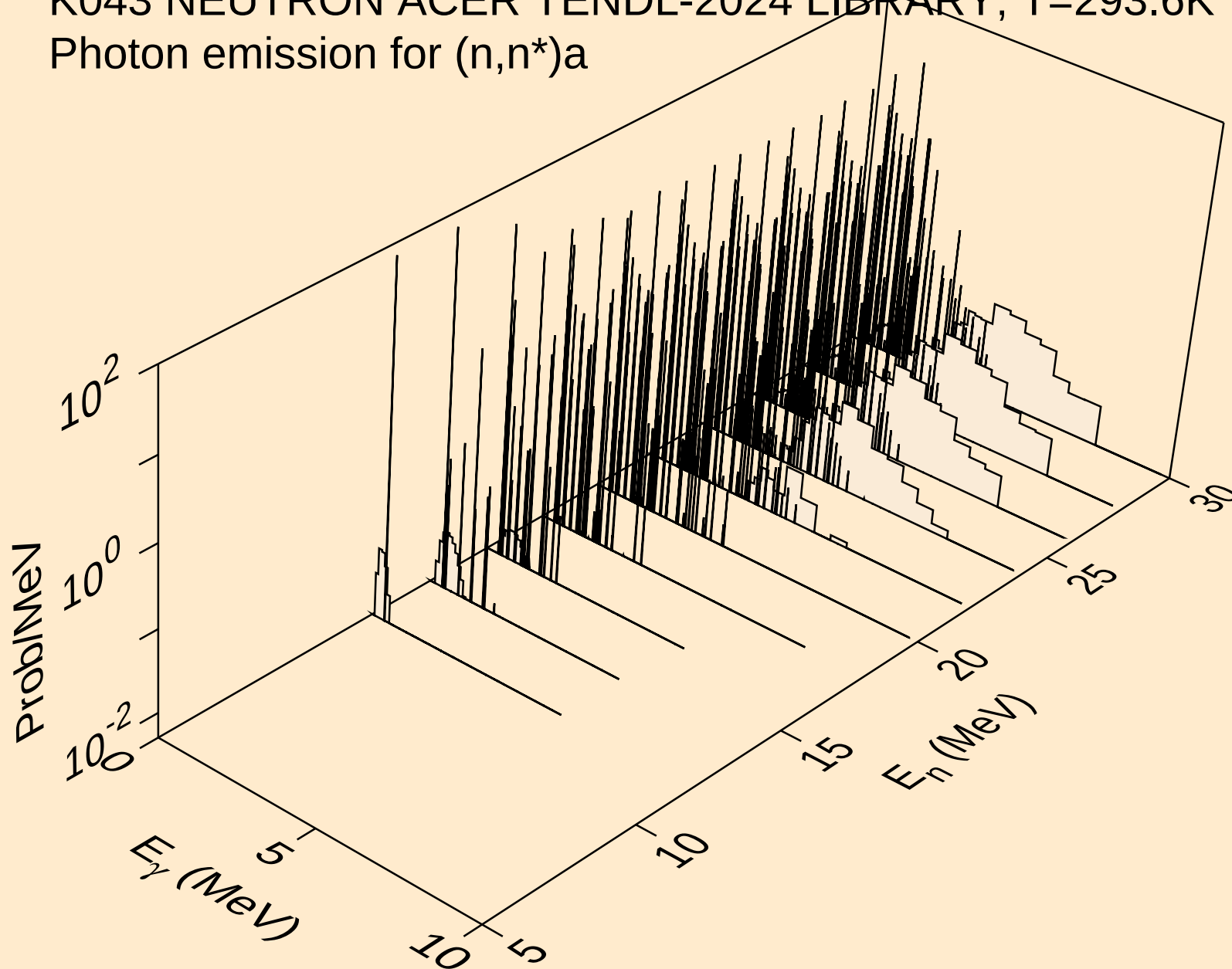
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



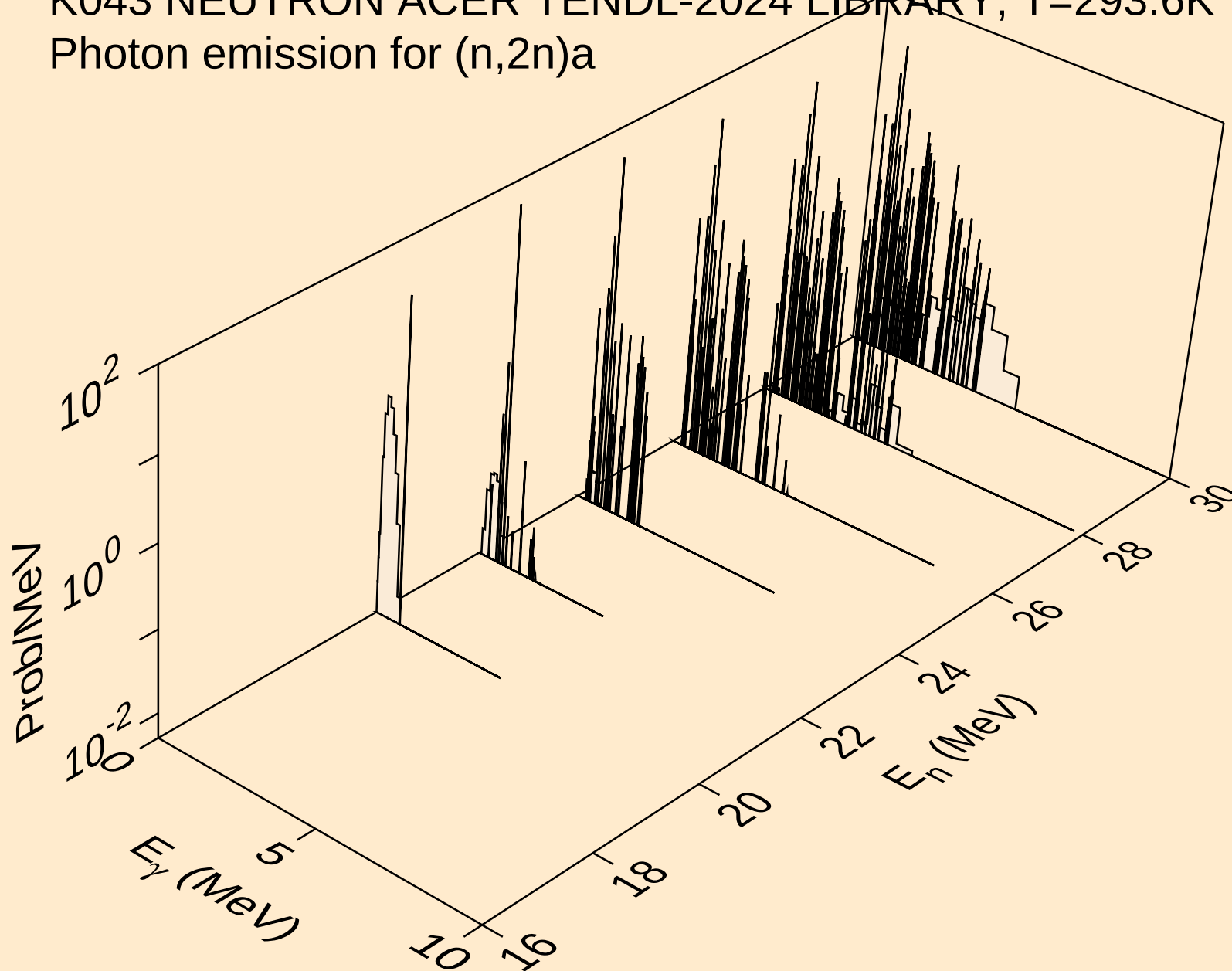
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



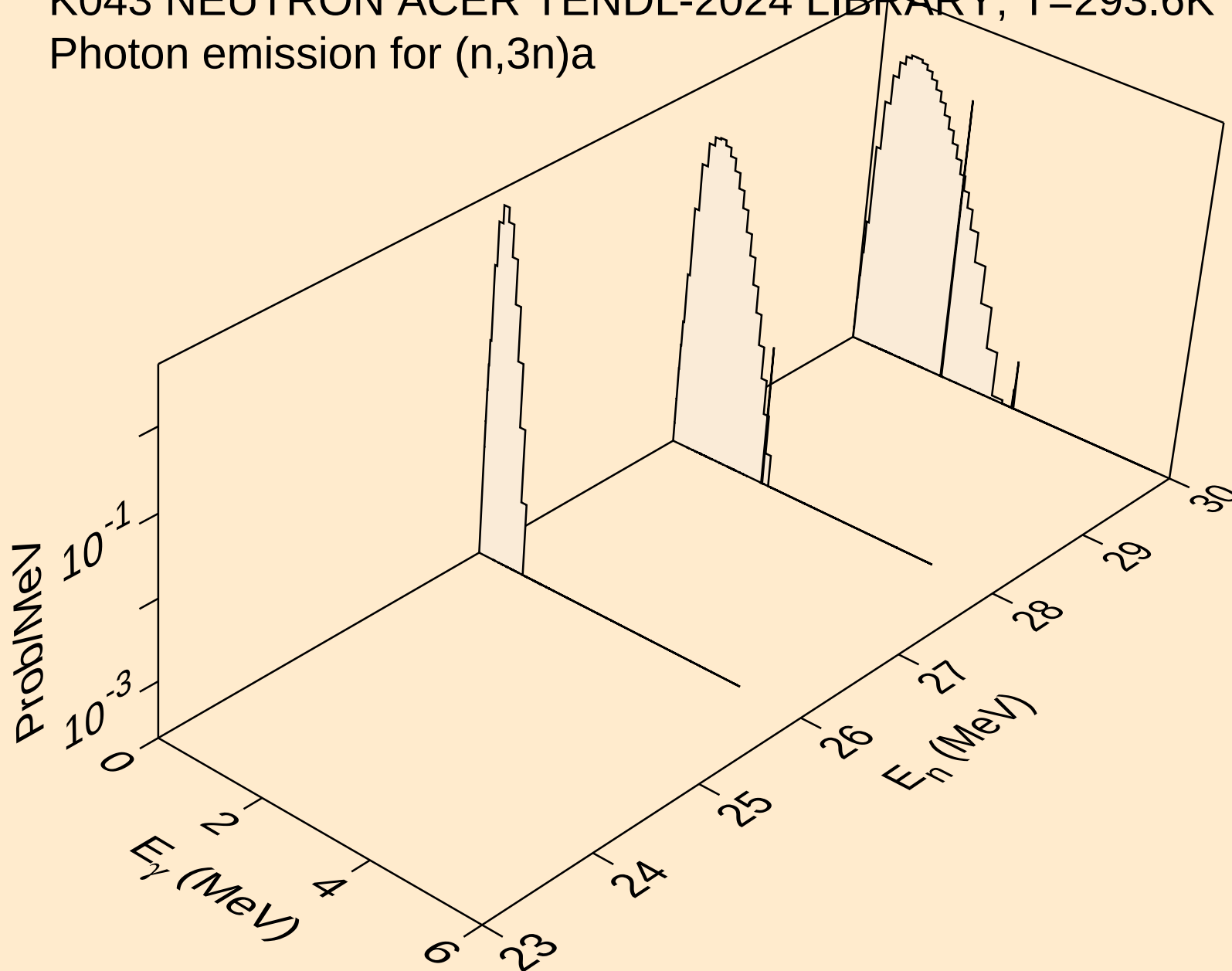
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



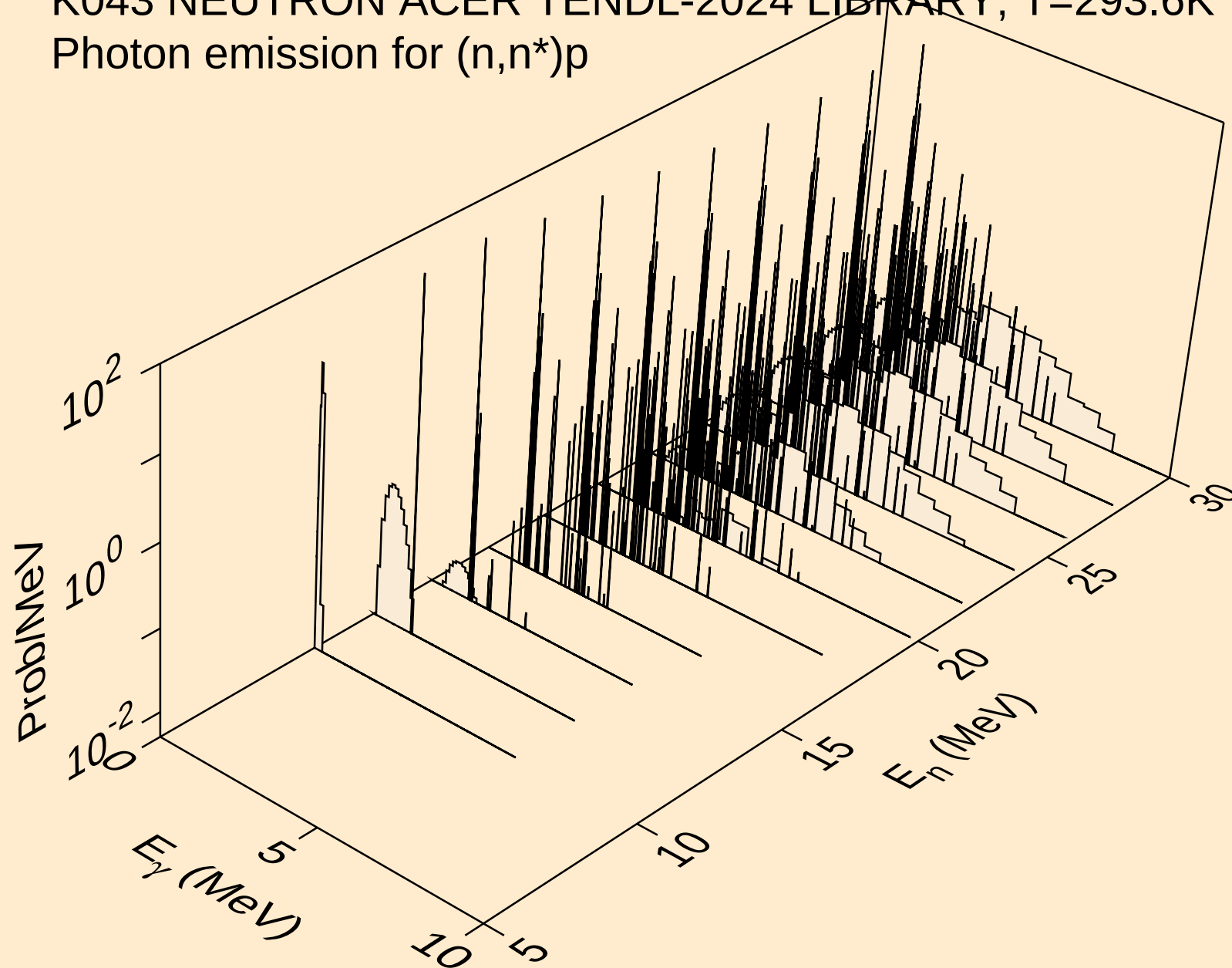
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



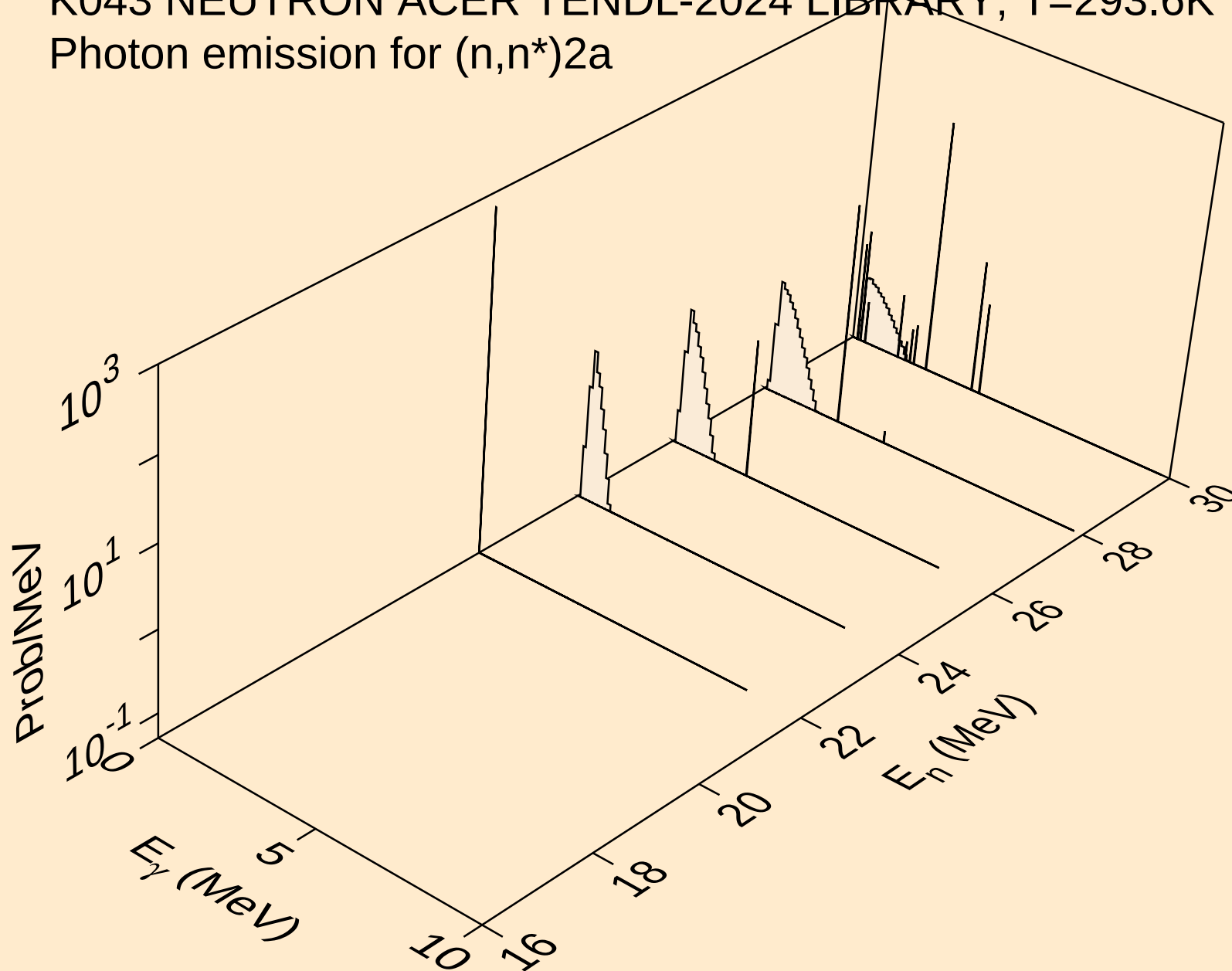
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n) $\alpha$



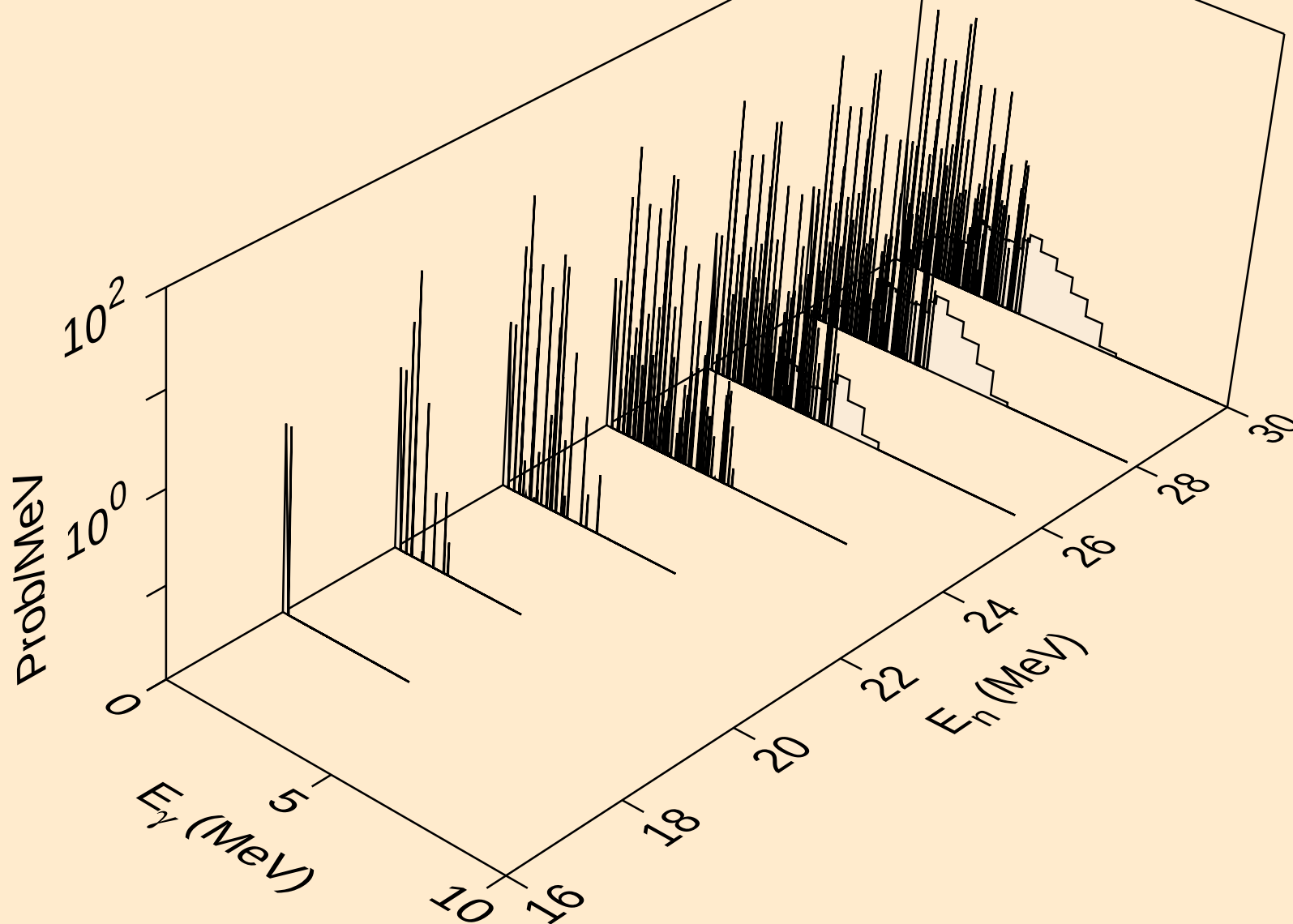
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a

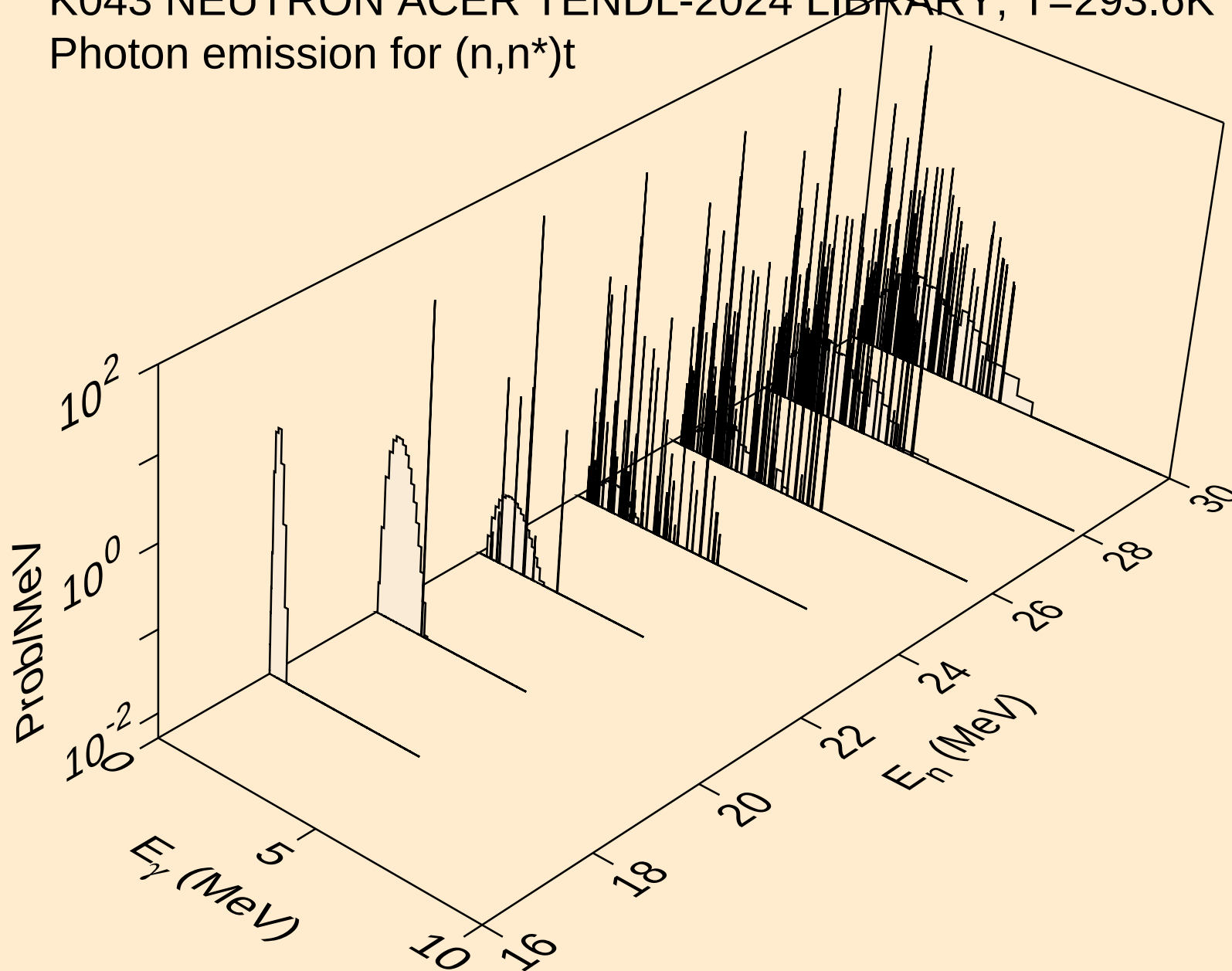


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d

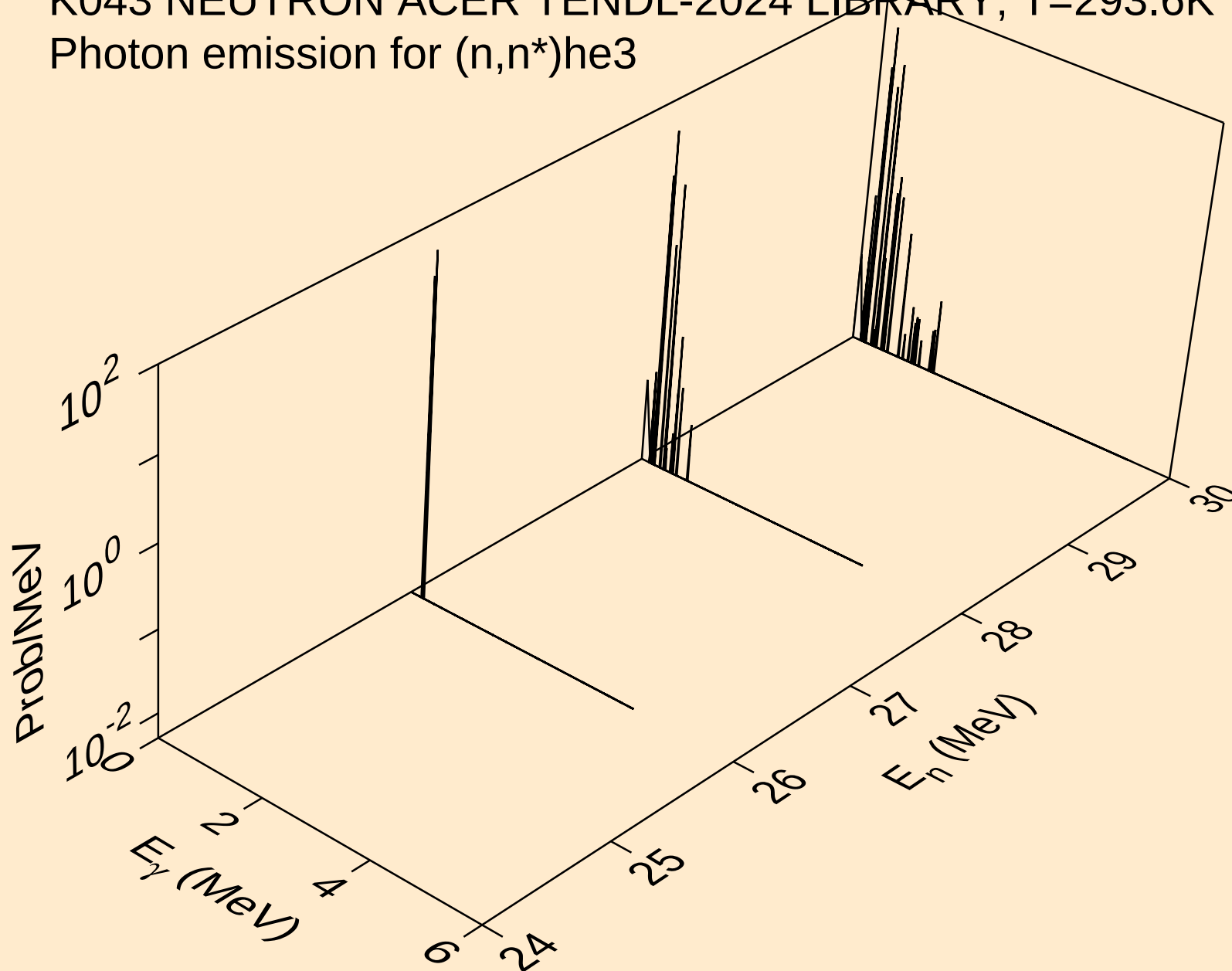




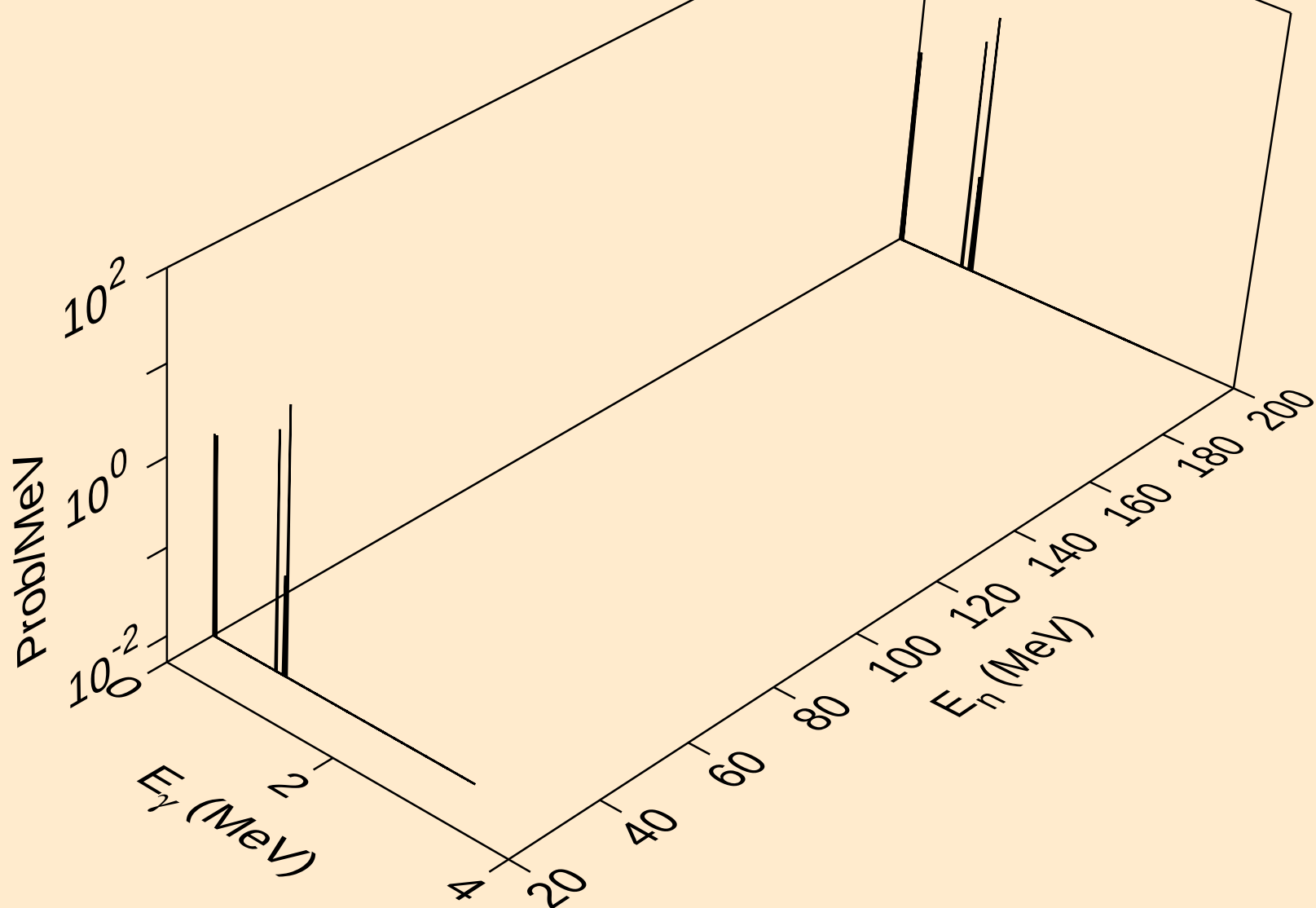
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



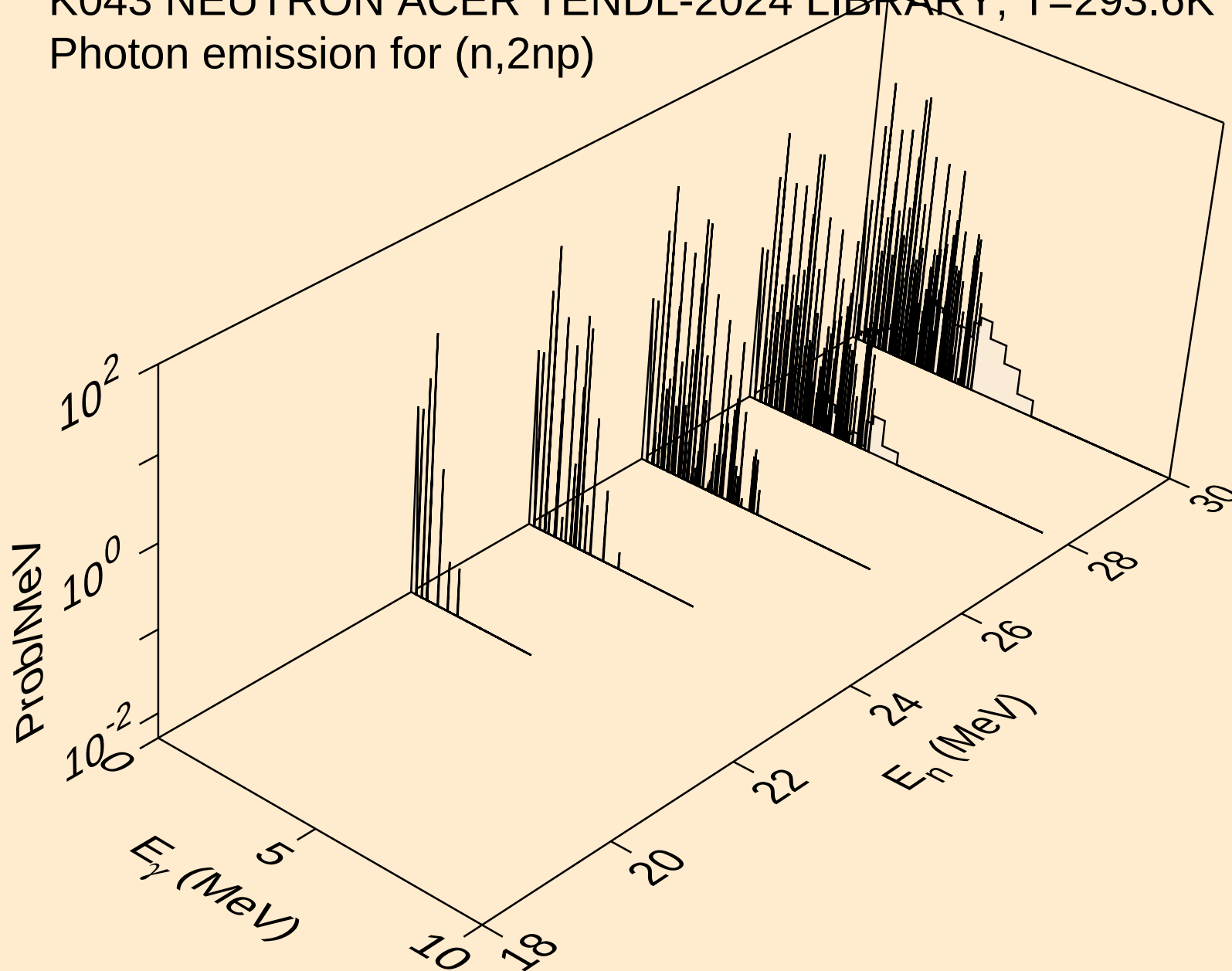
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



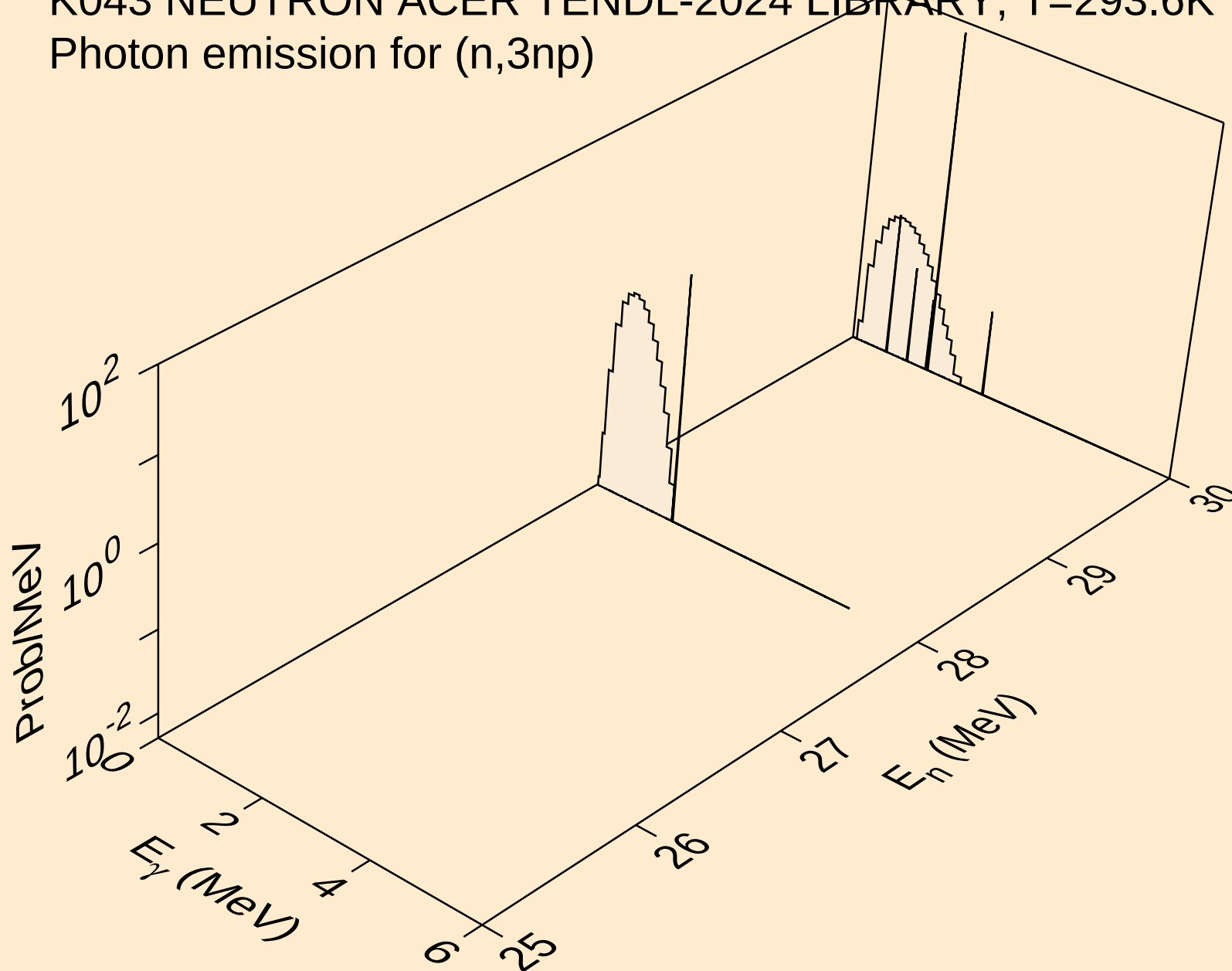
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



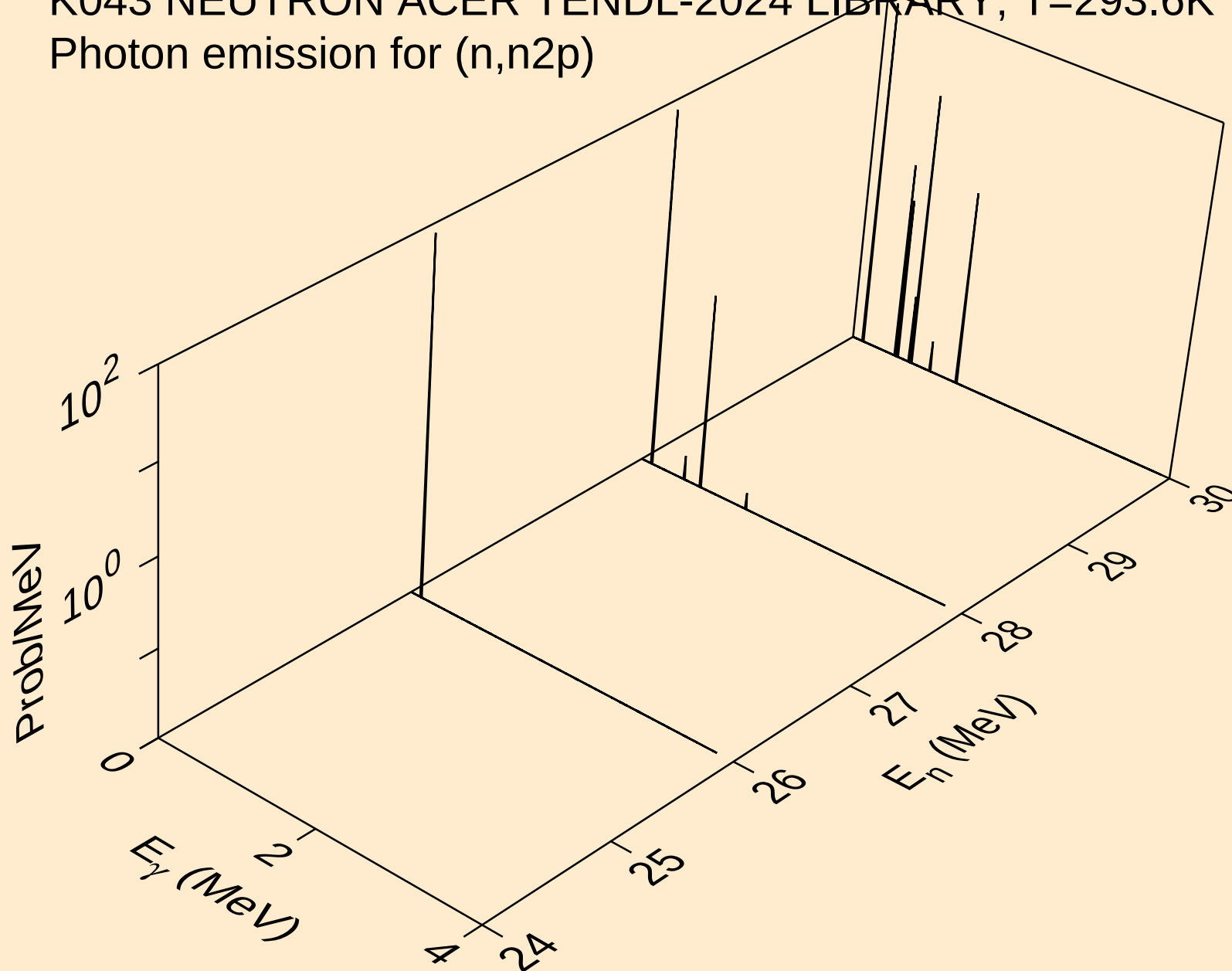
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



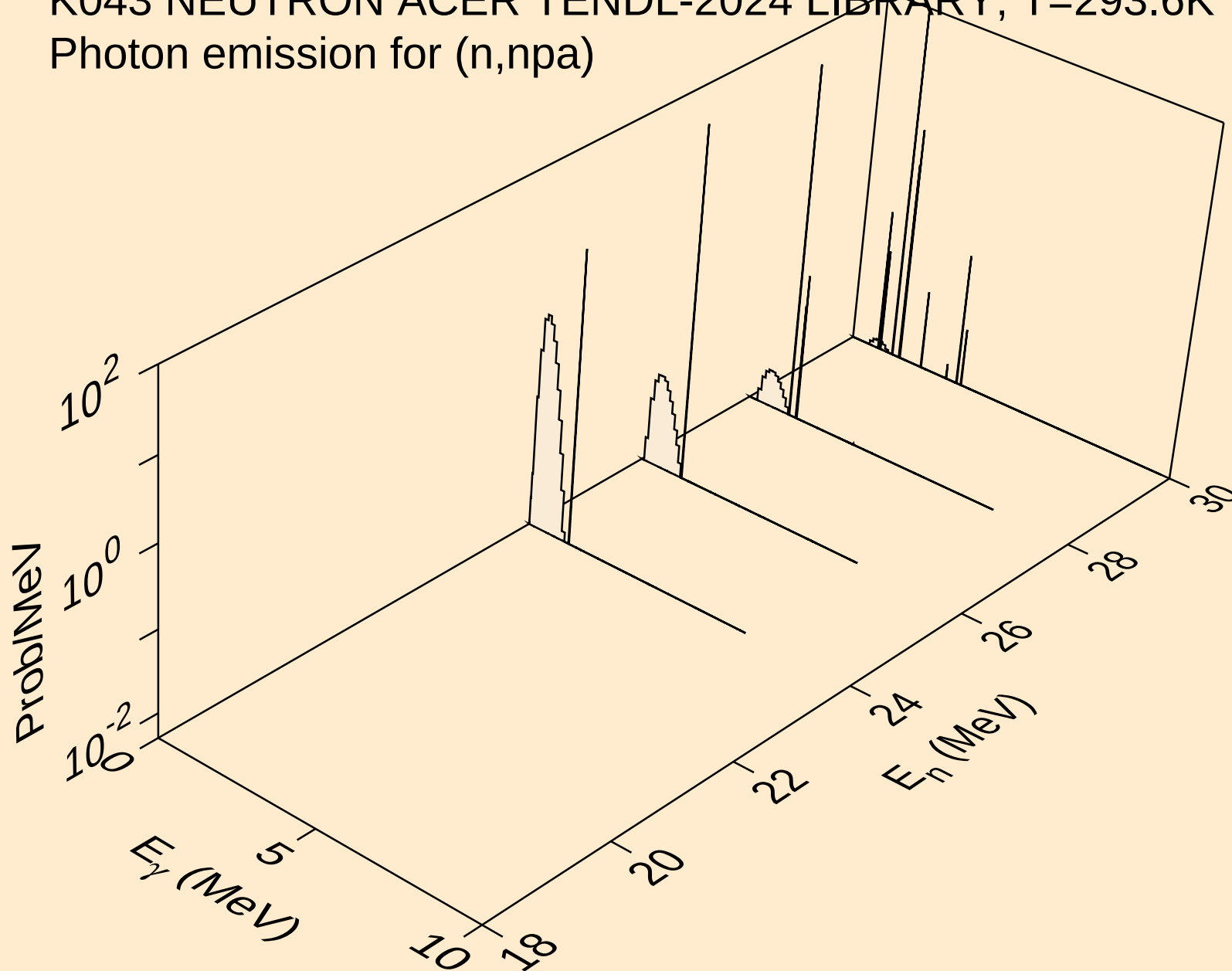
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



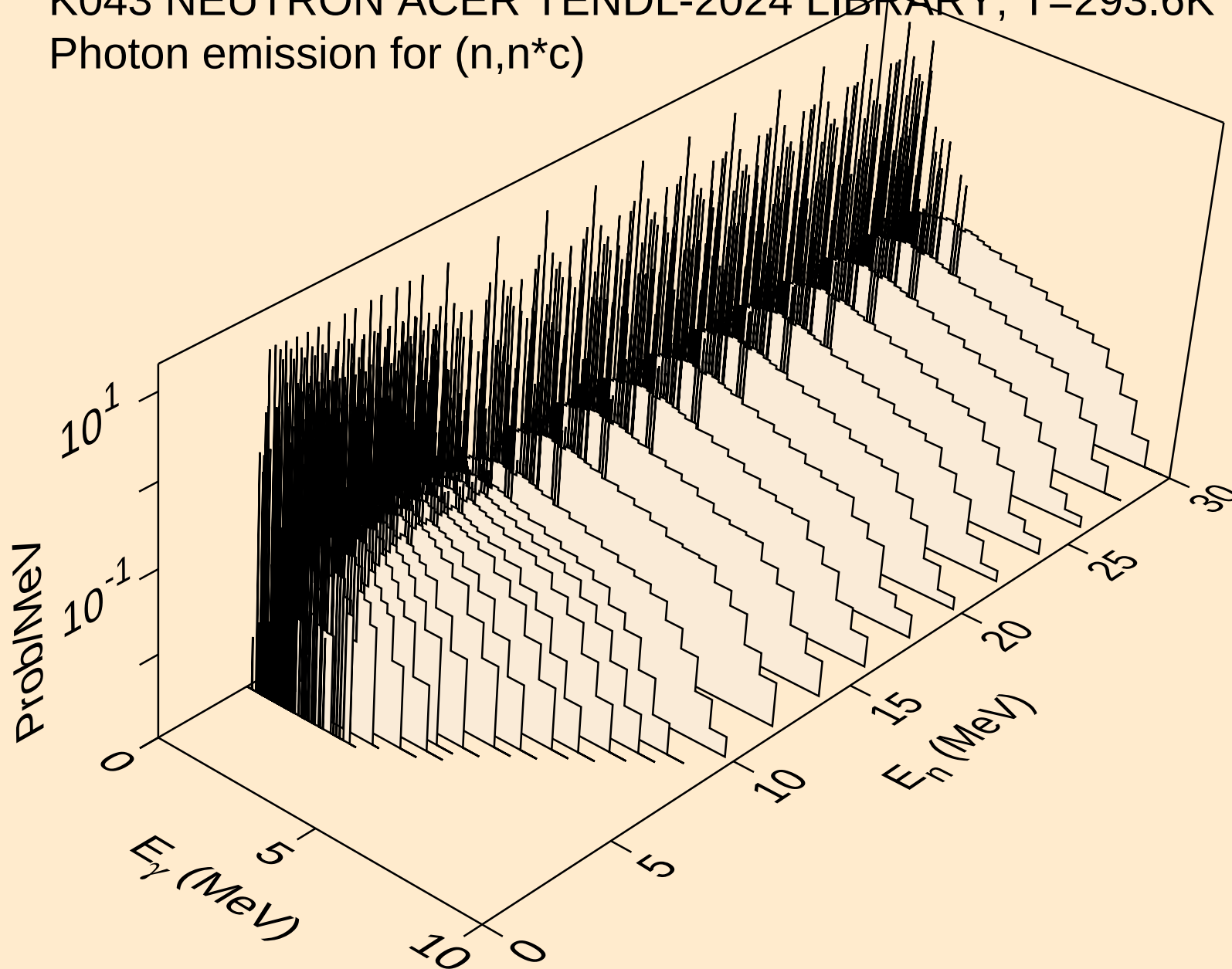
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)

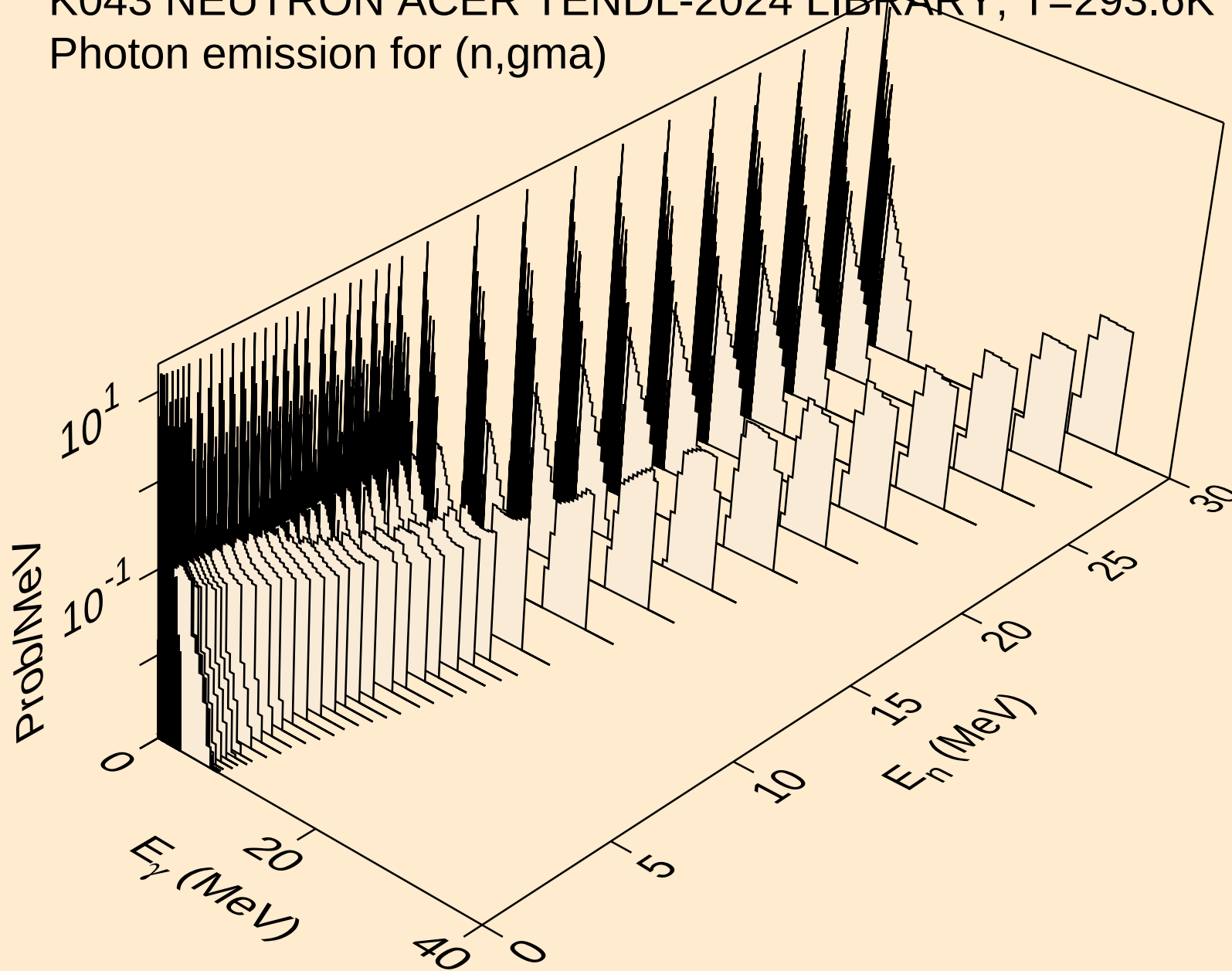


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)

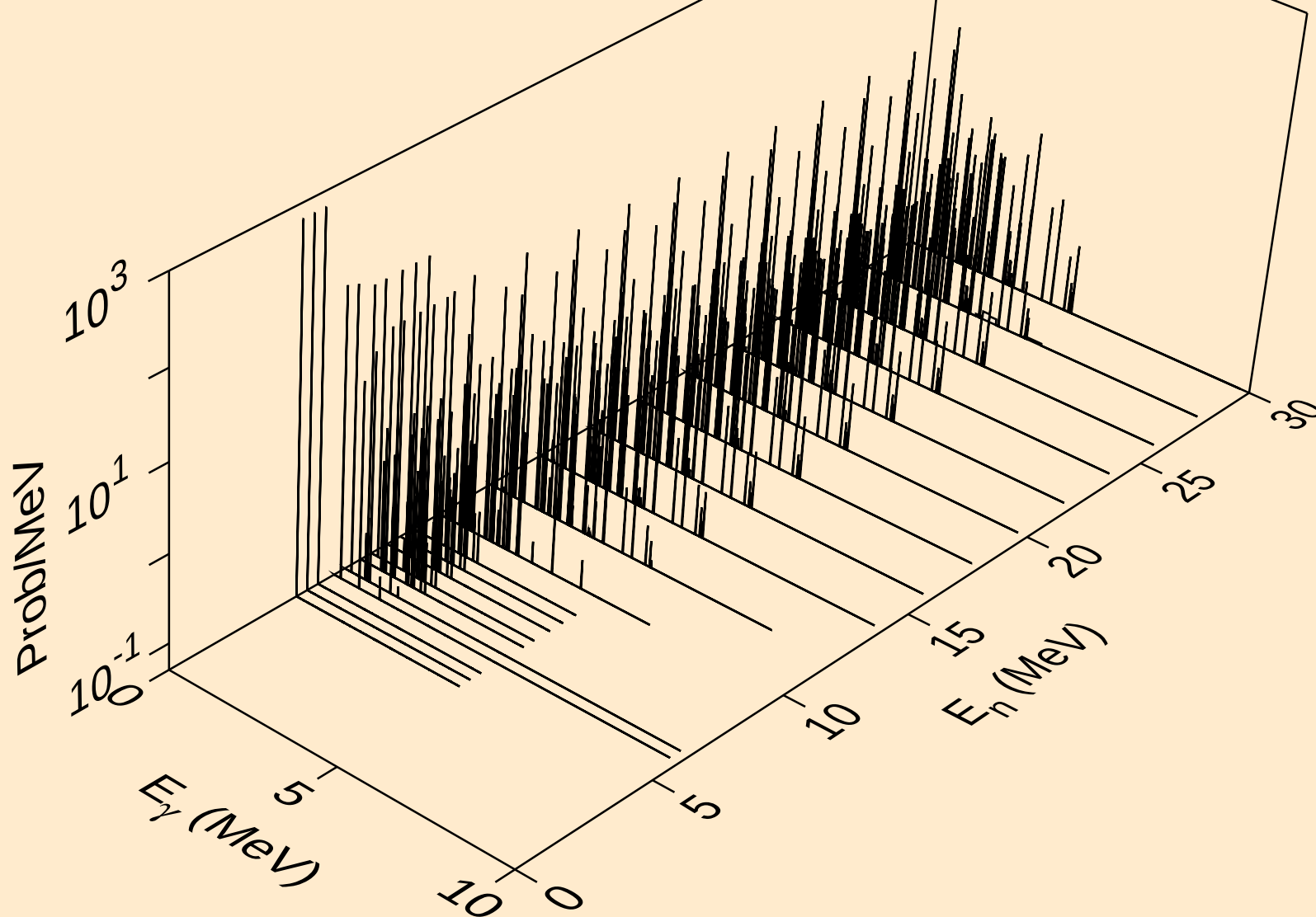




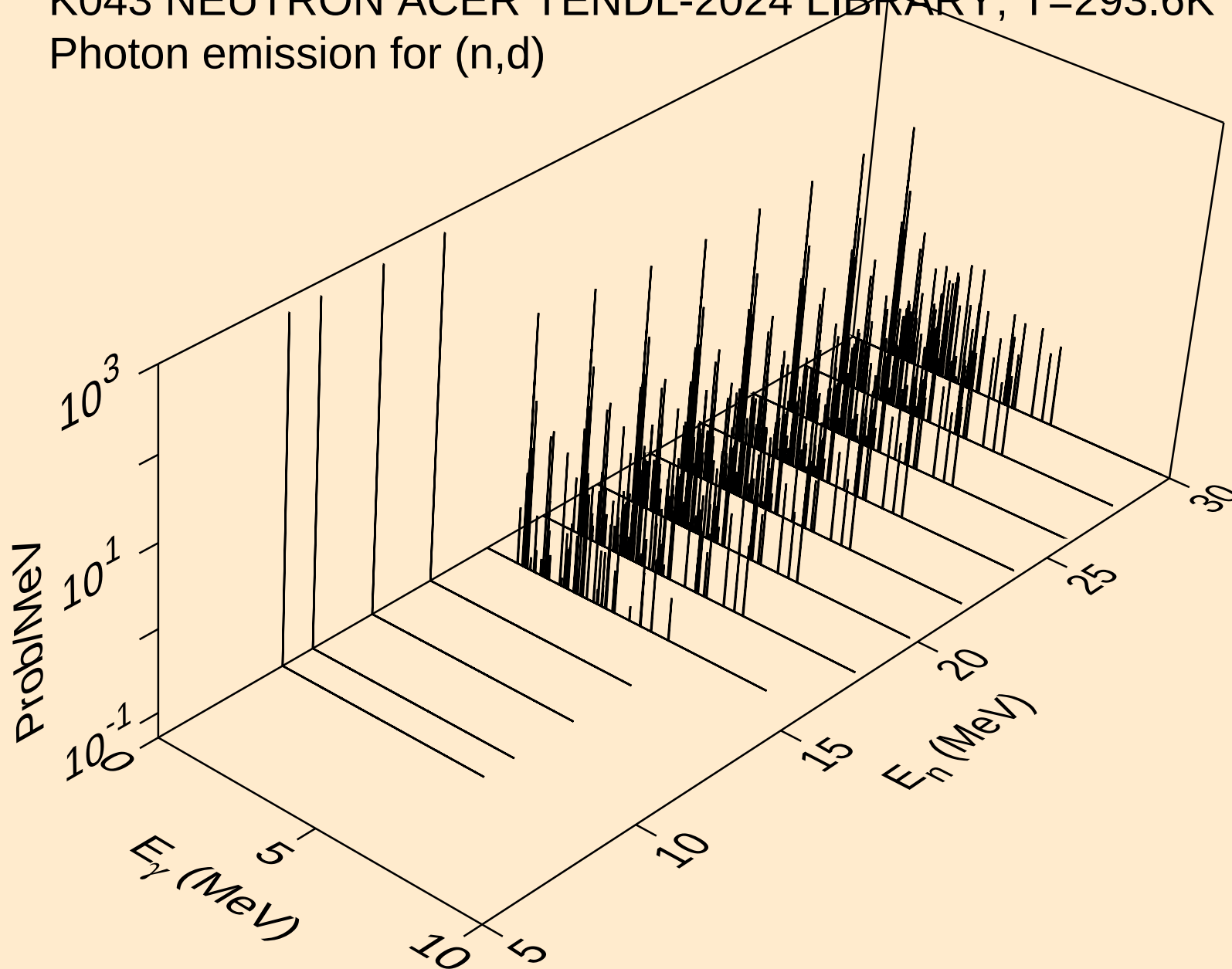
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



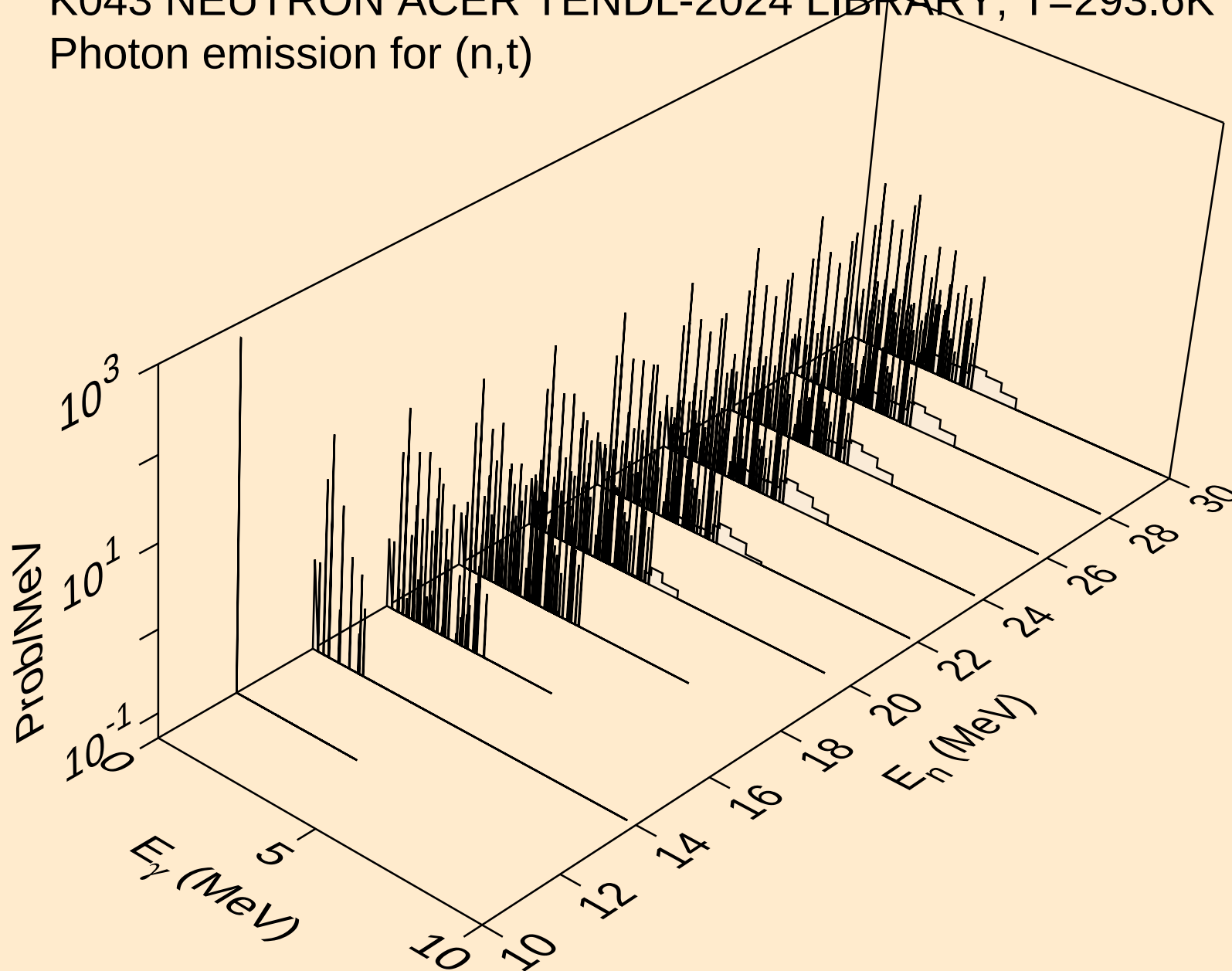
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Photon emission for (n,p)



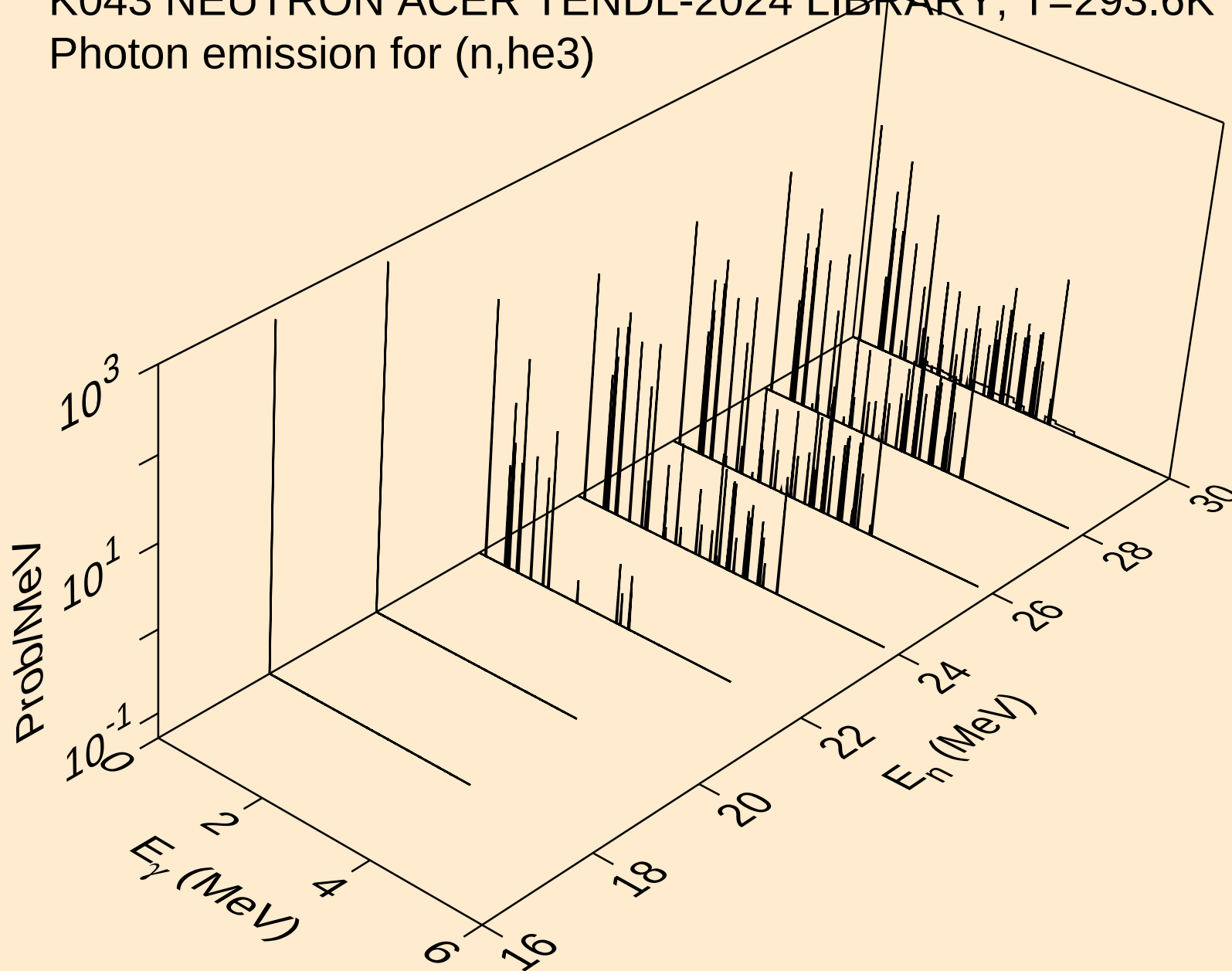
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



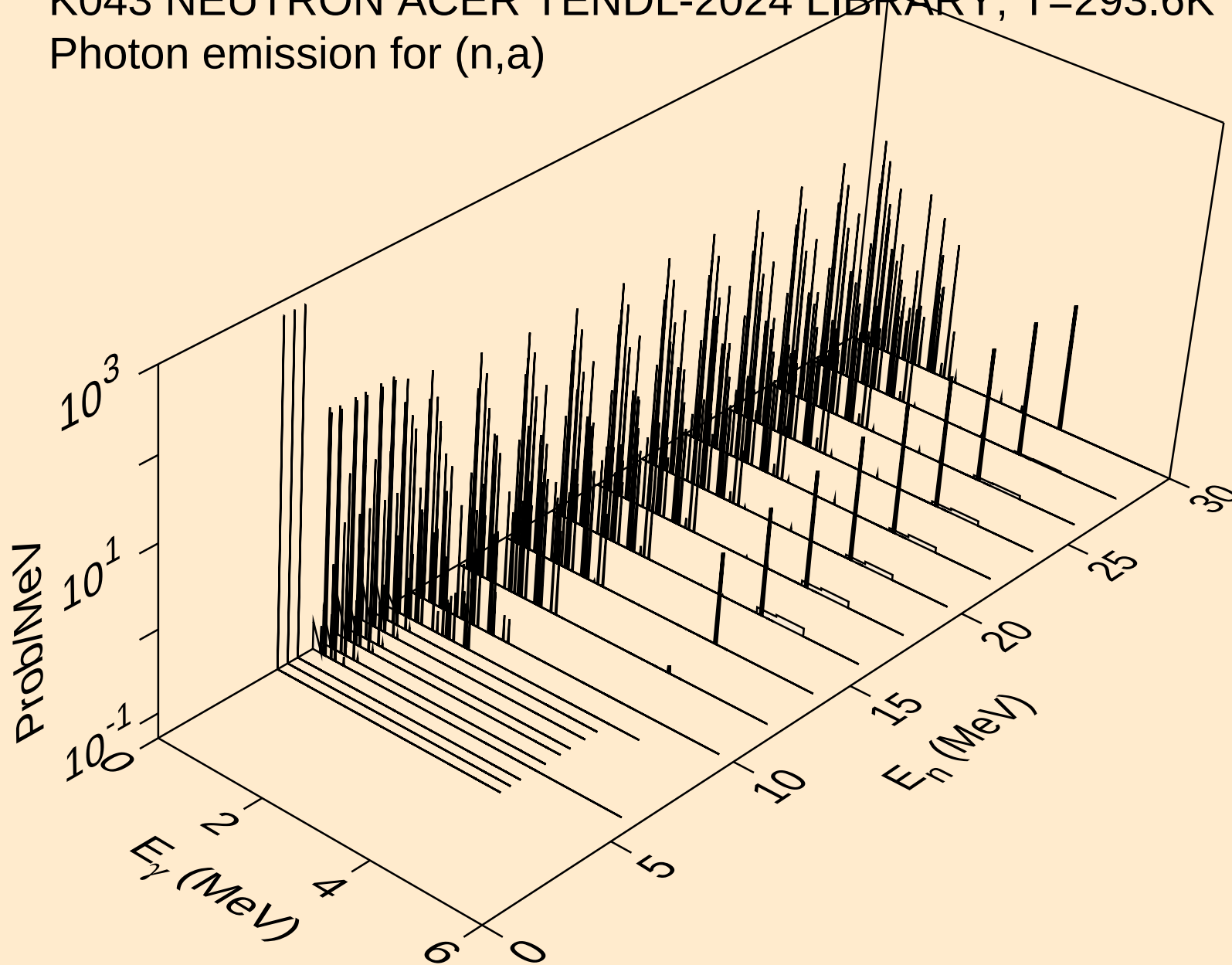
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Photon emission for (n,t)



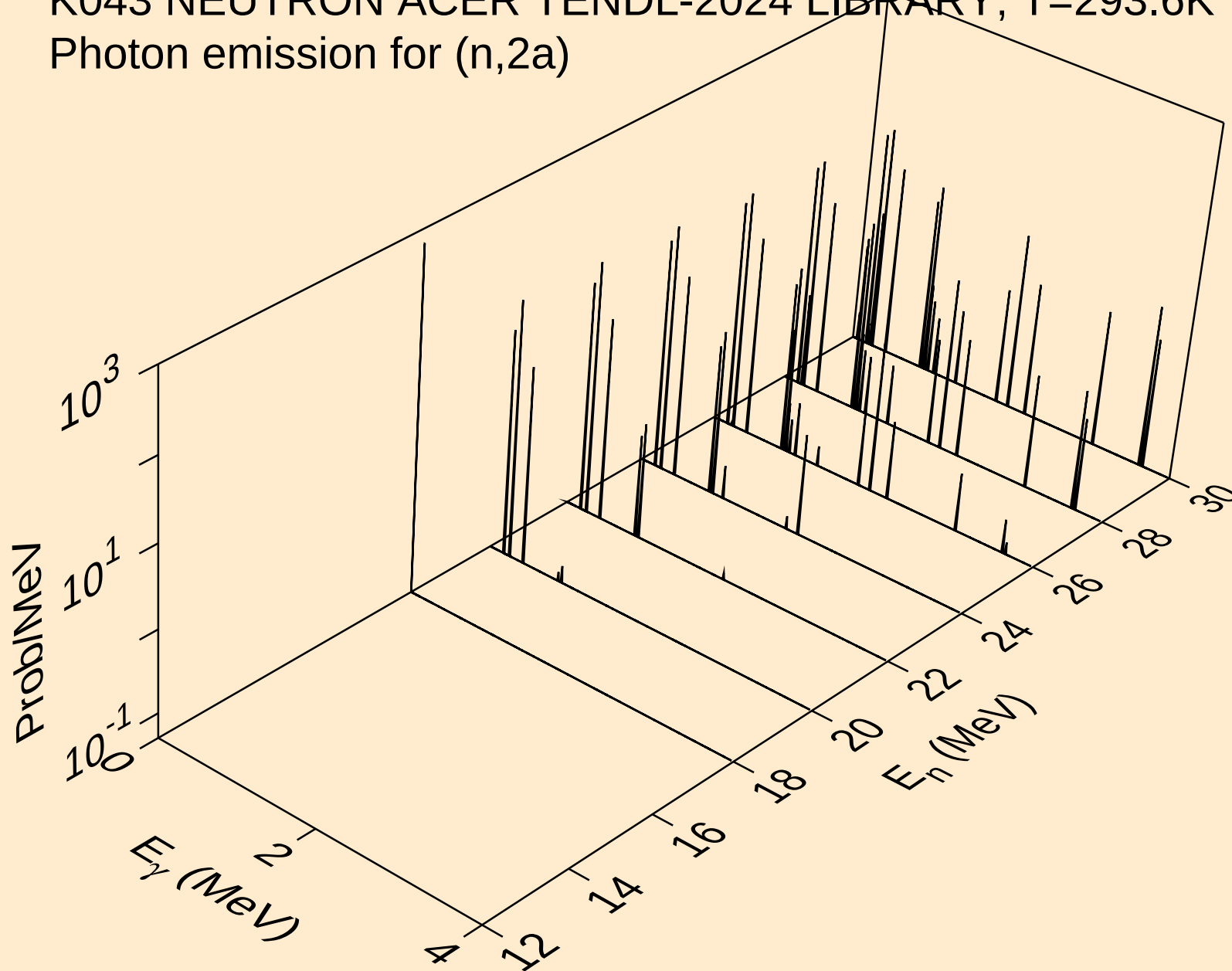
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Photon emission for (n,he3)



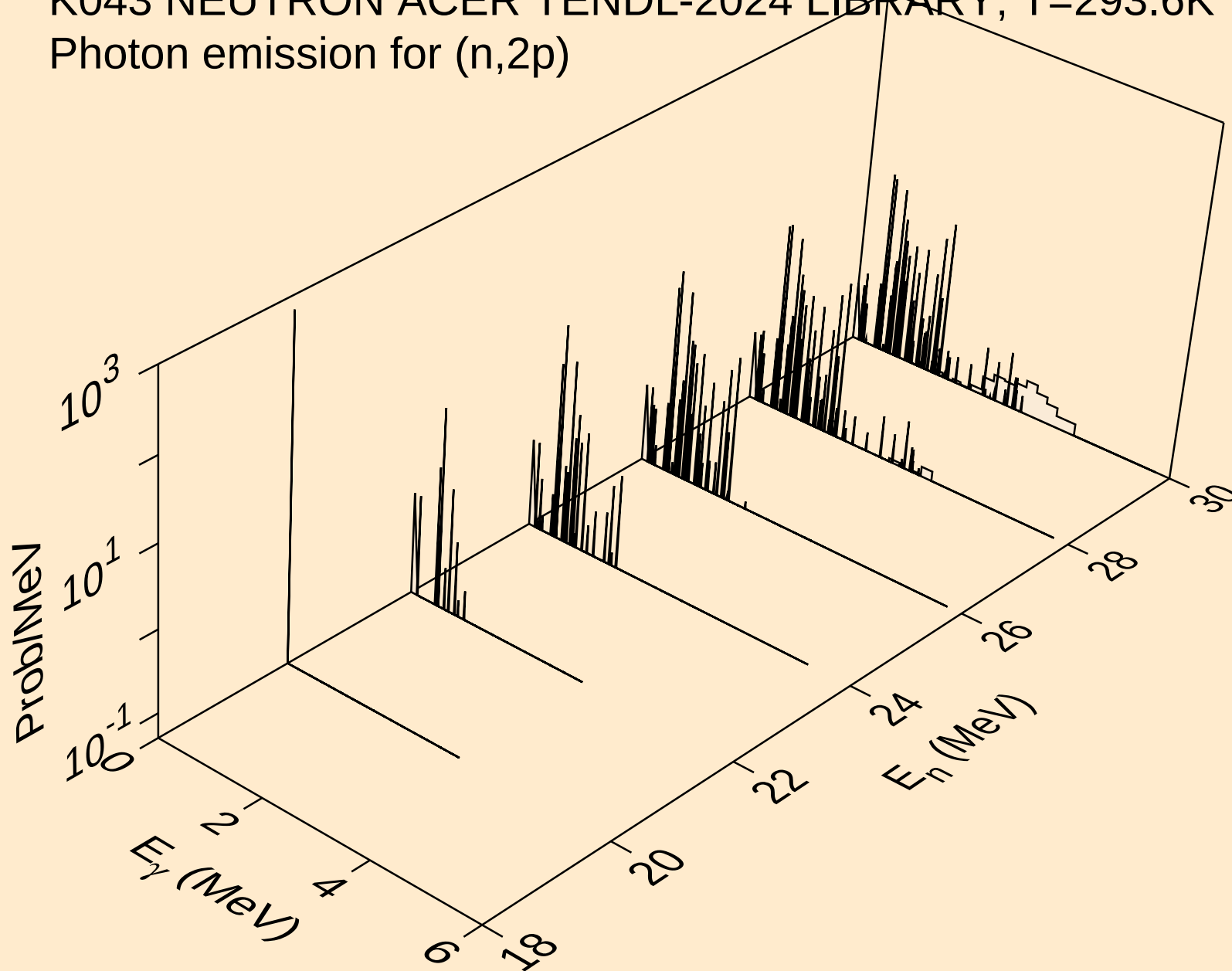
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2a)

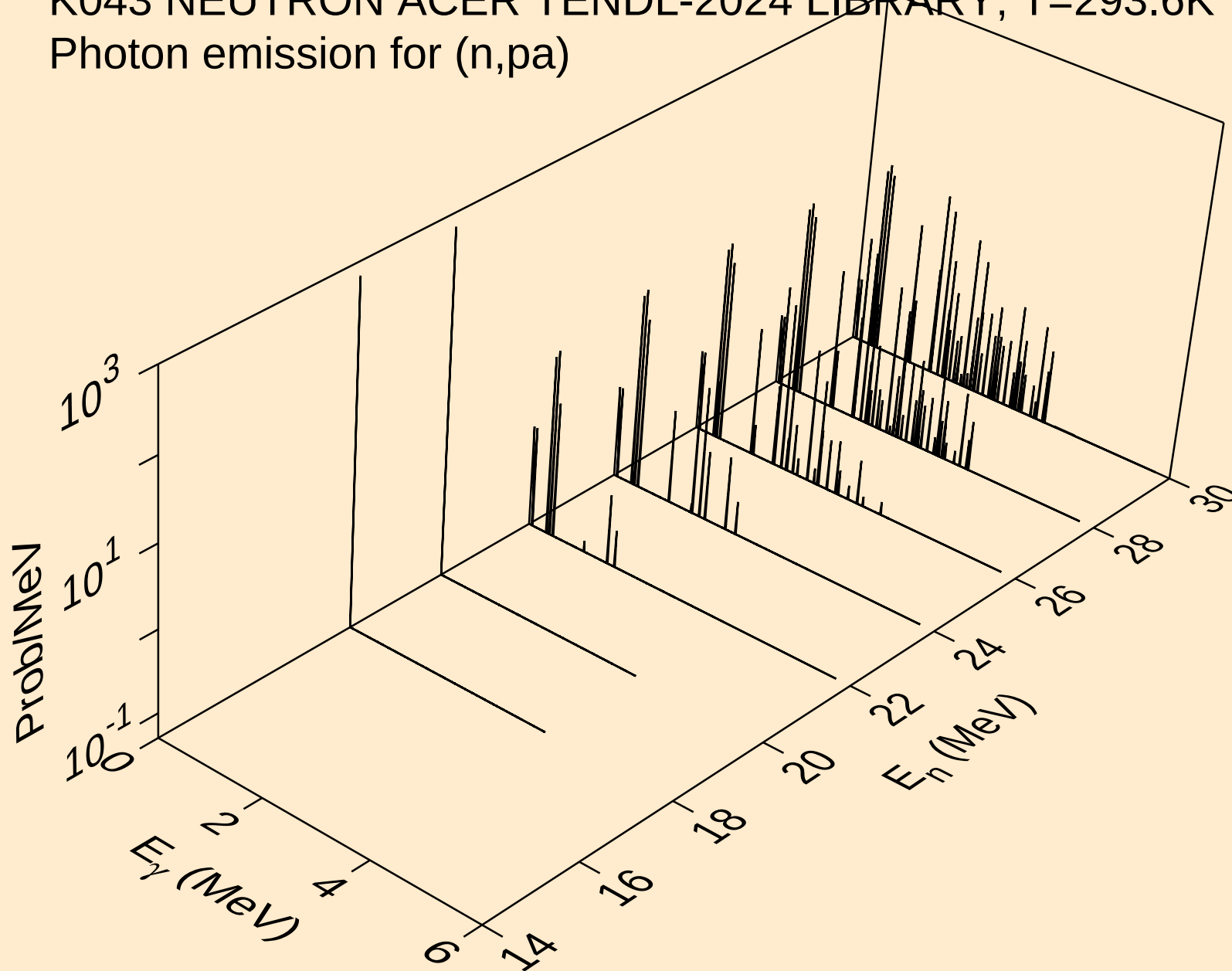


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)

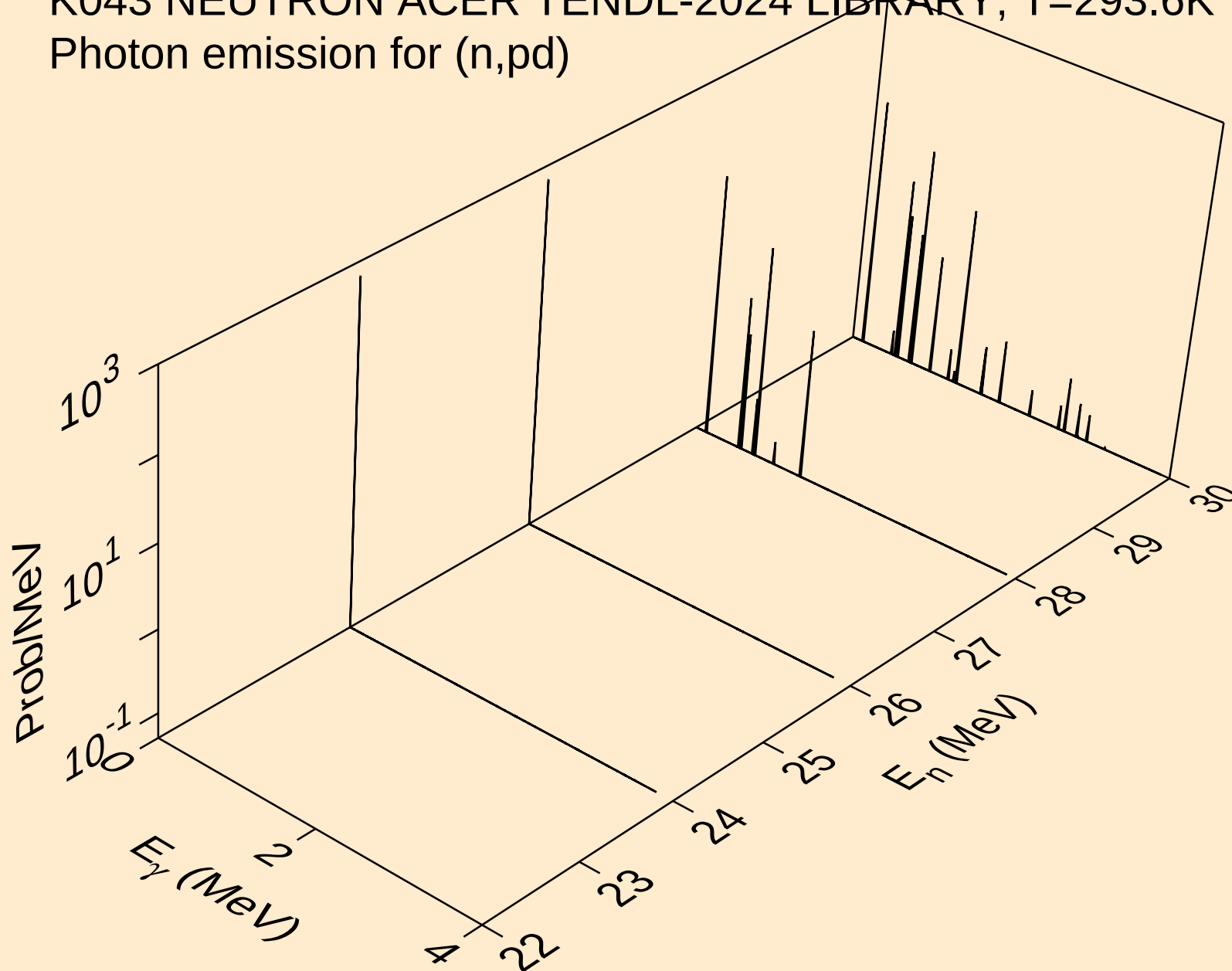




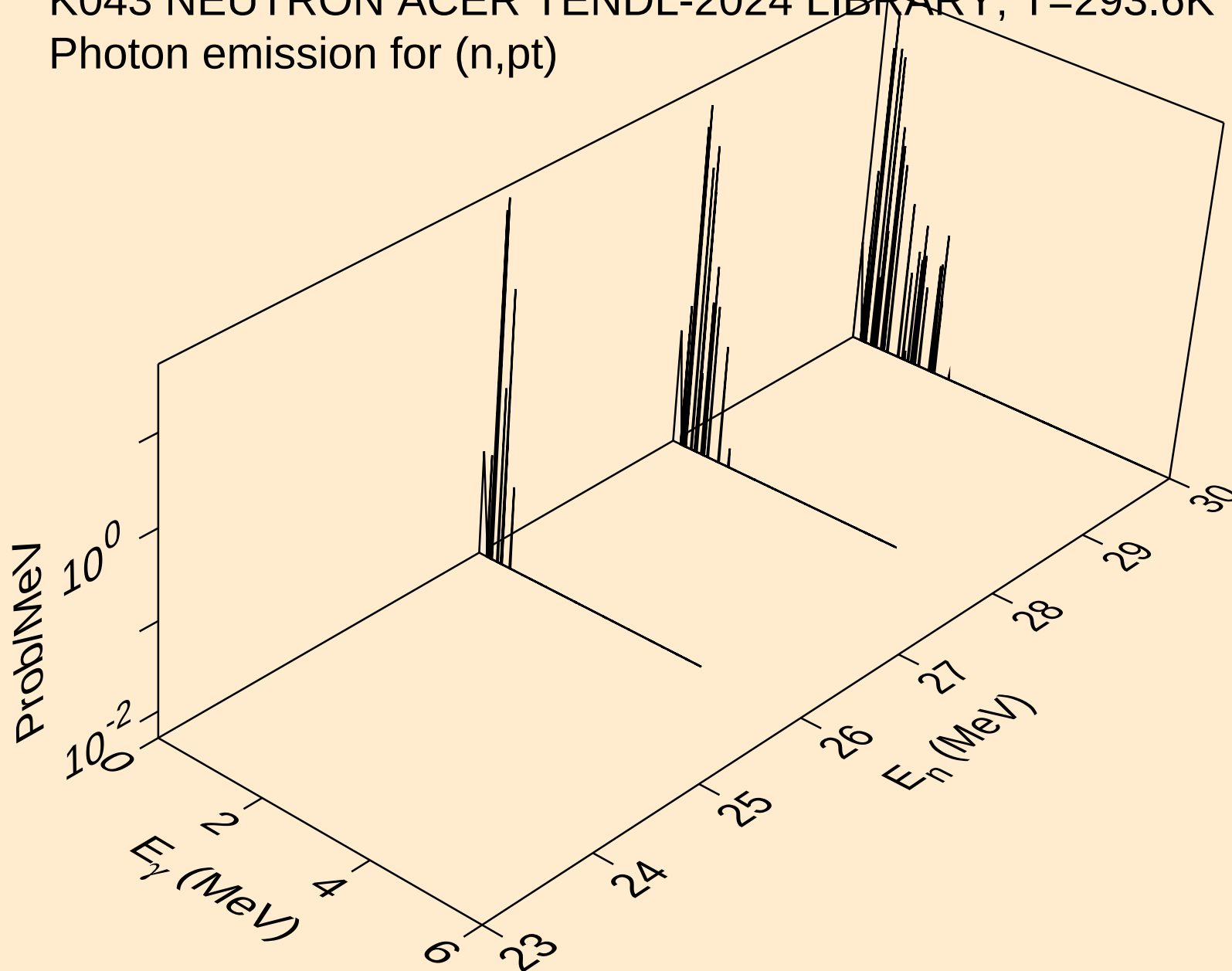
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



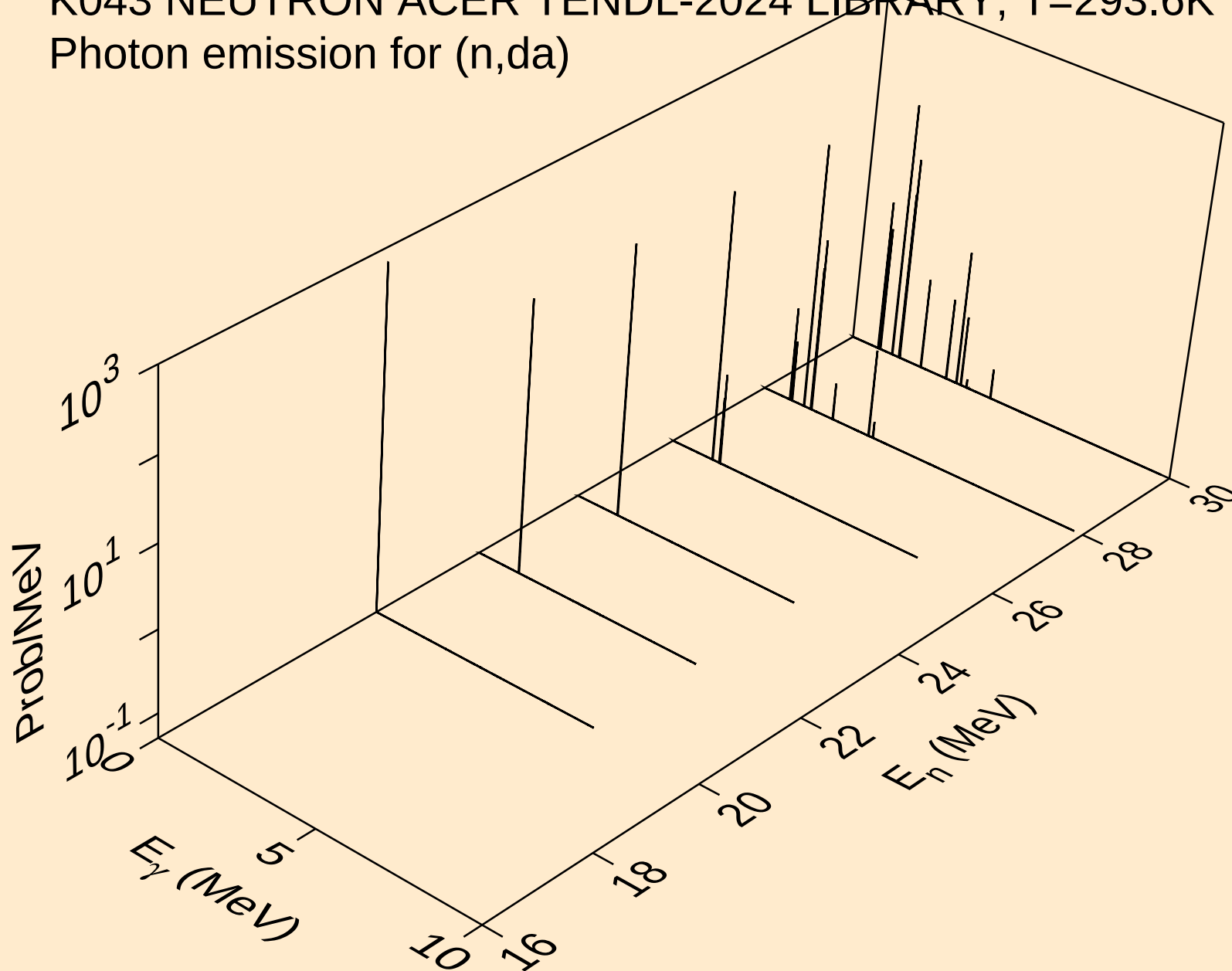
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



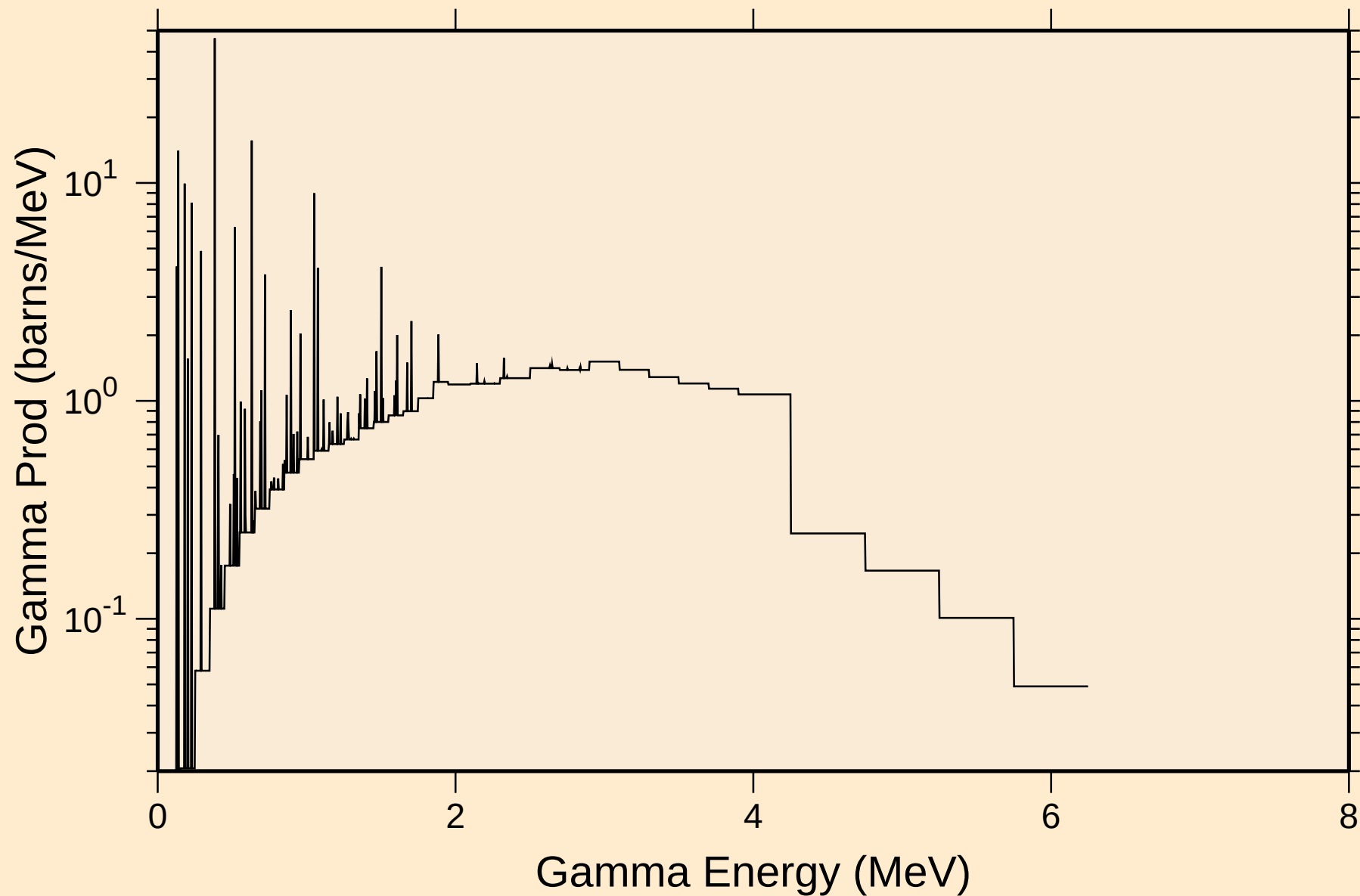
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pt)



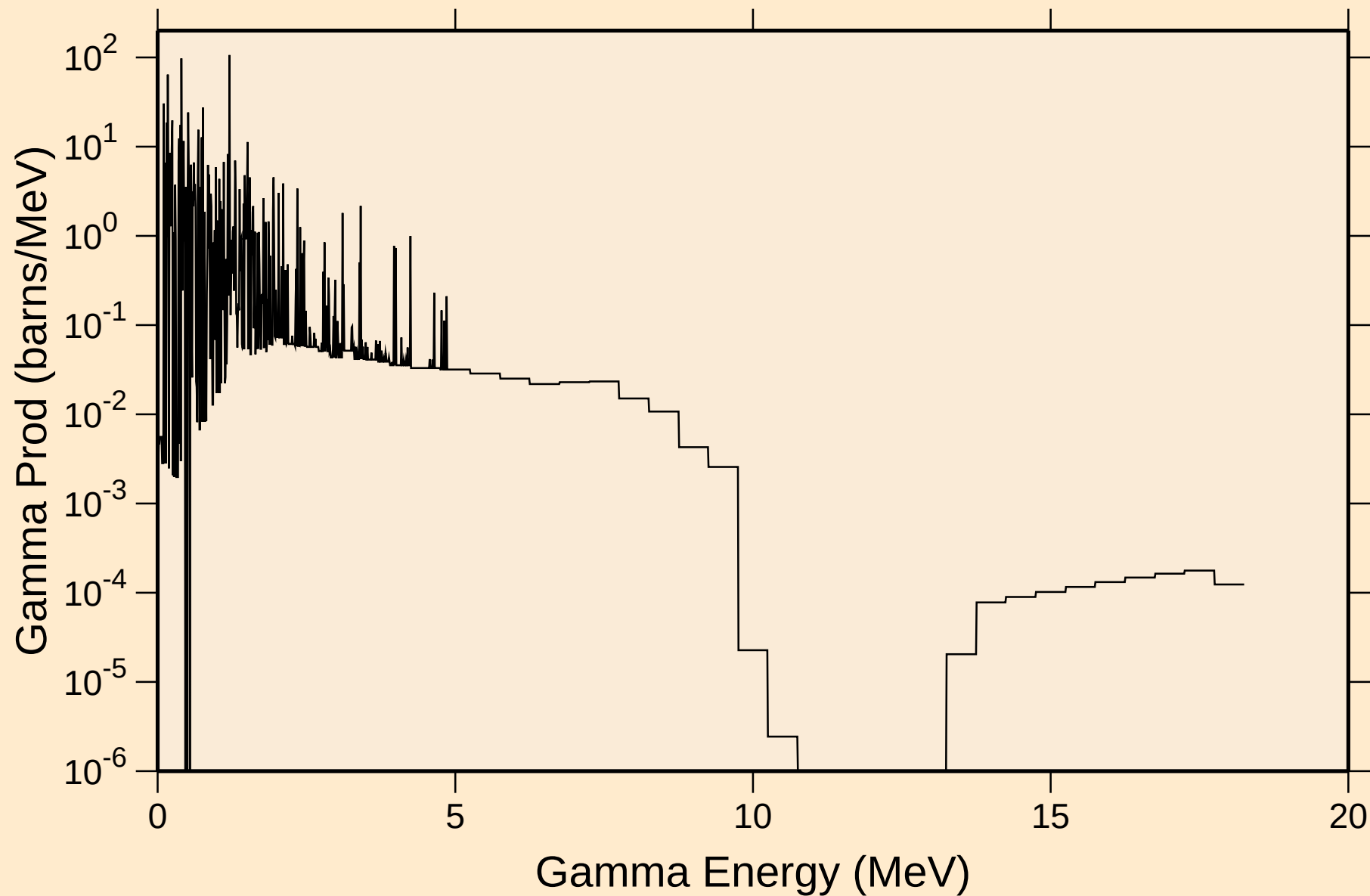
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,da)



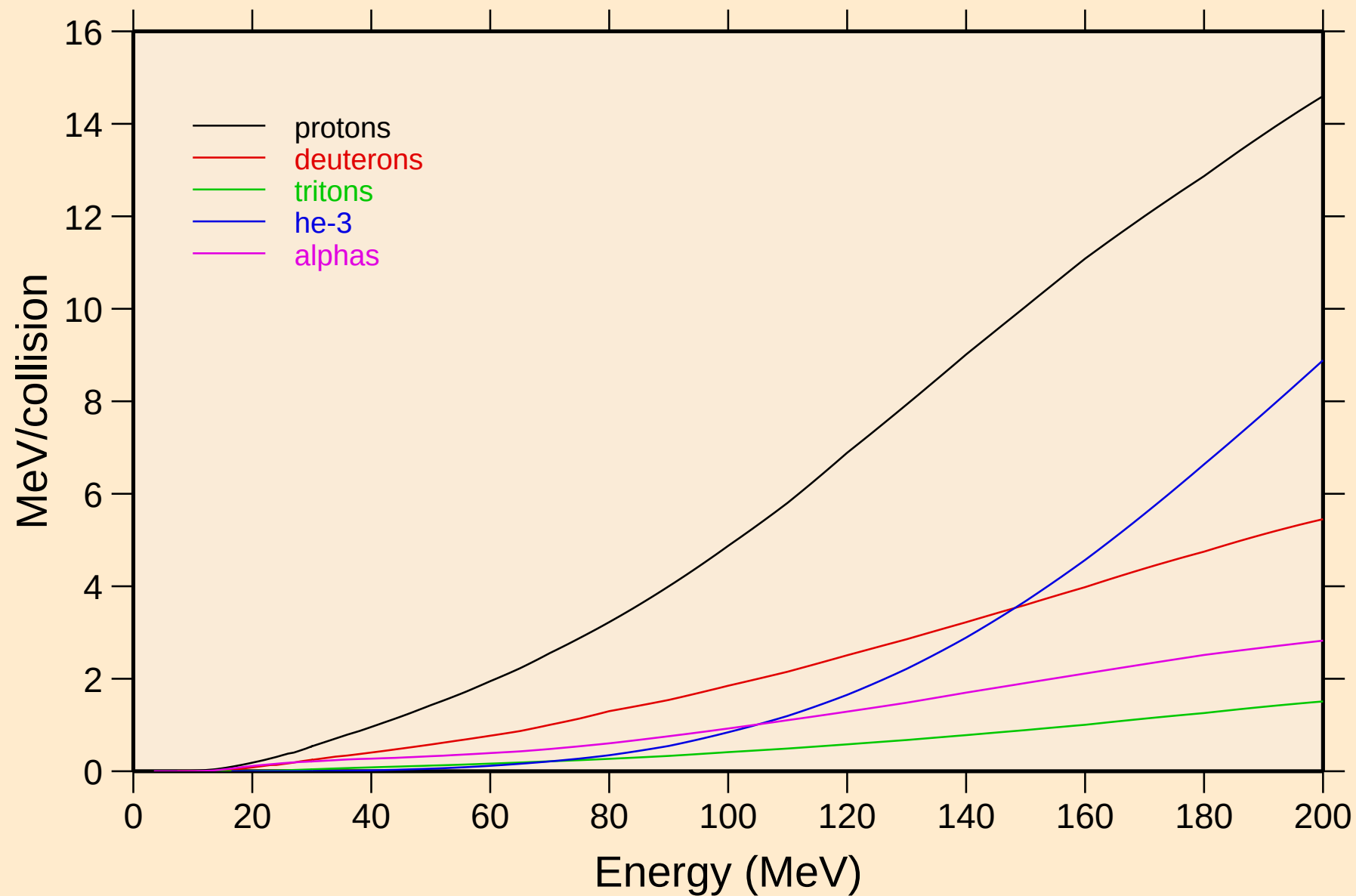
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



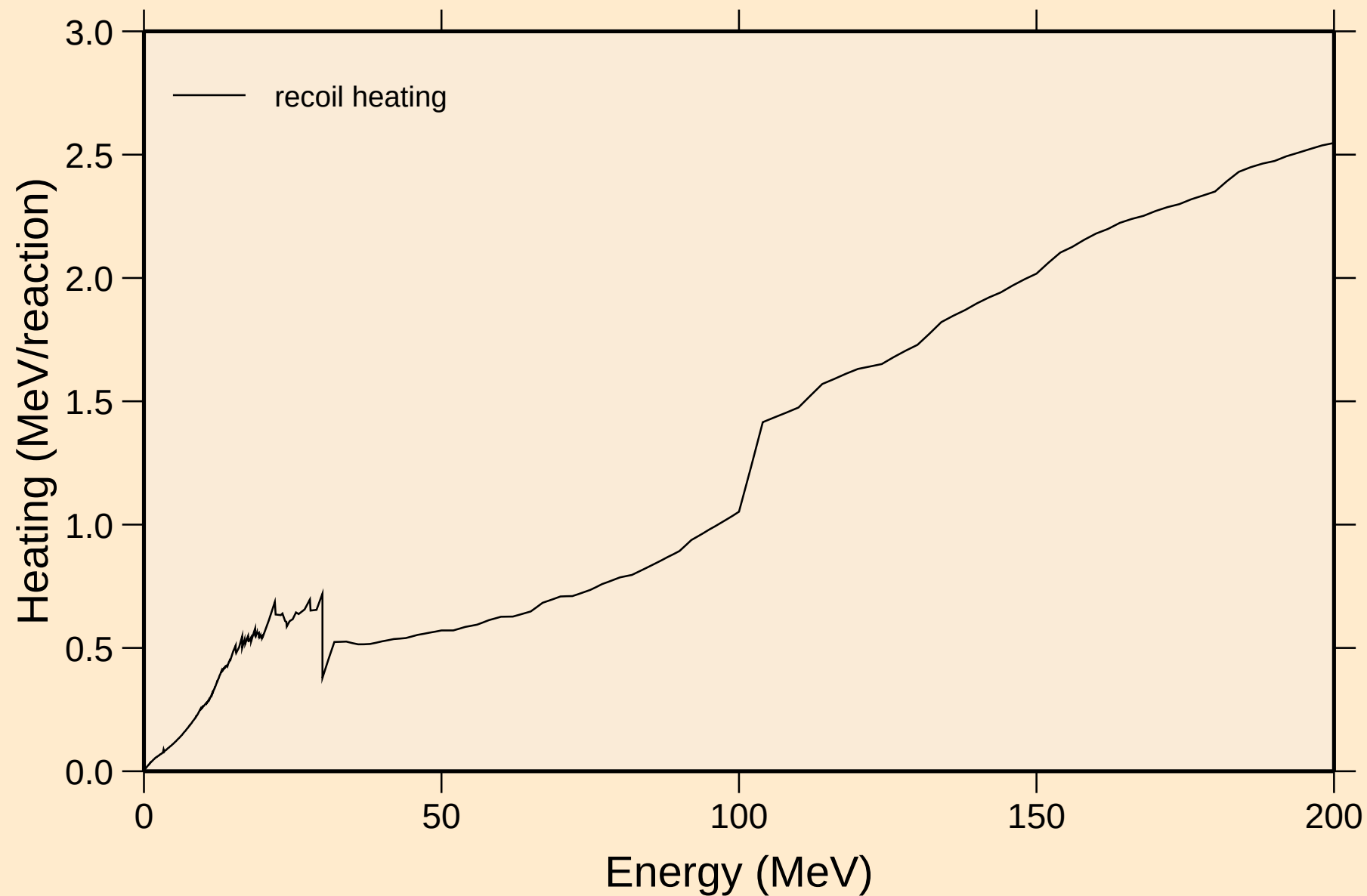
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions



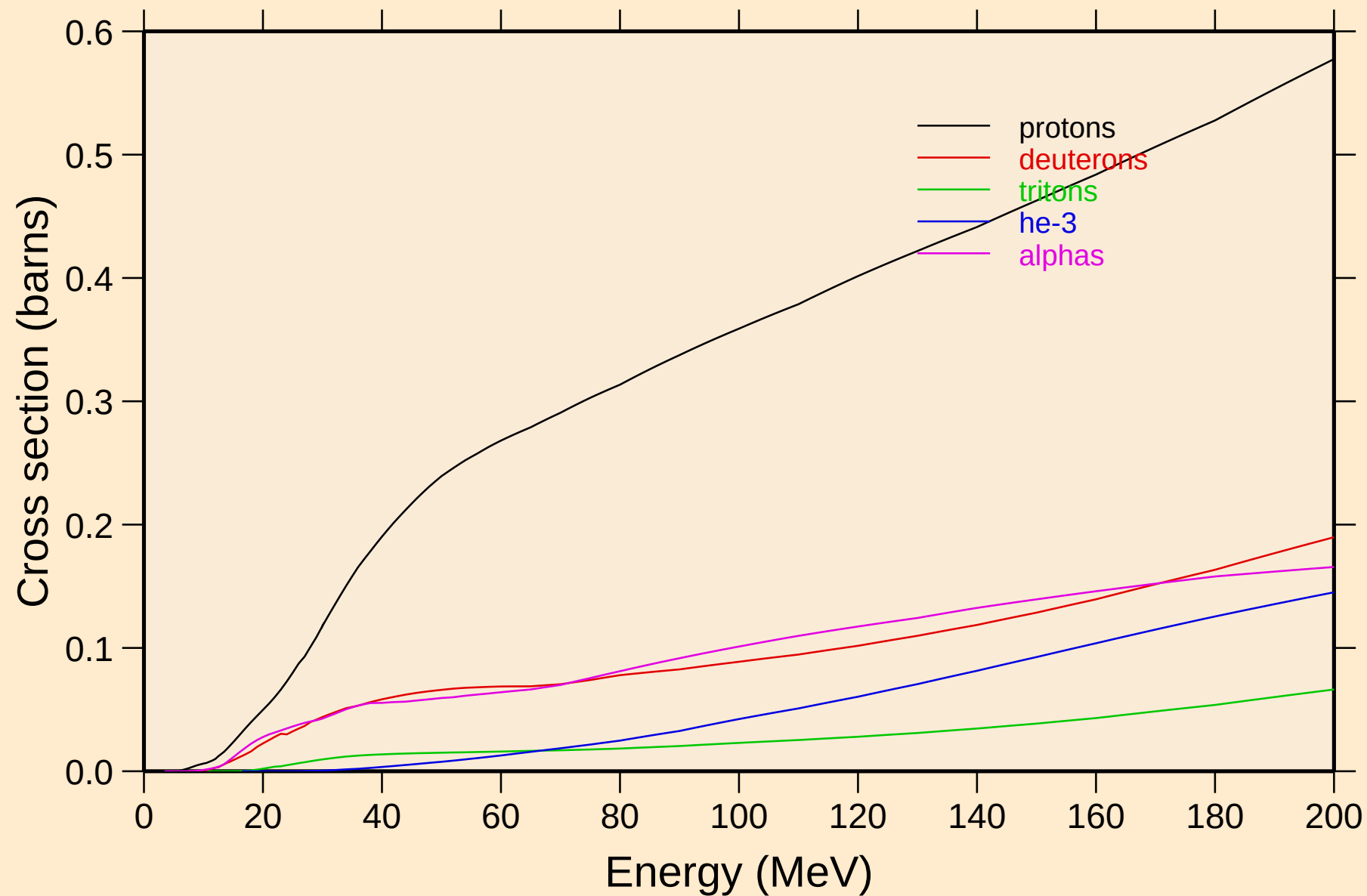
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating



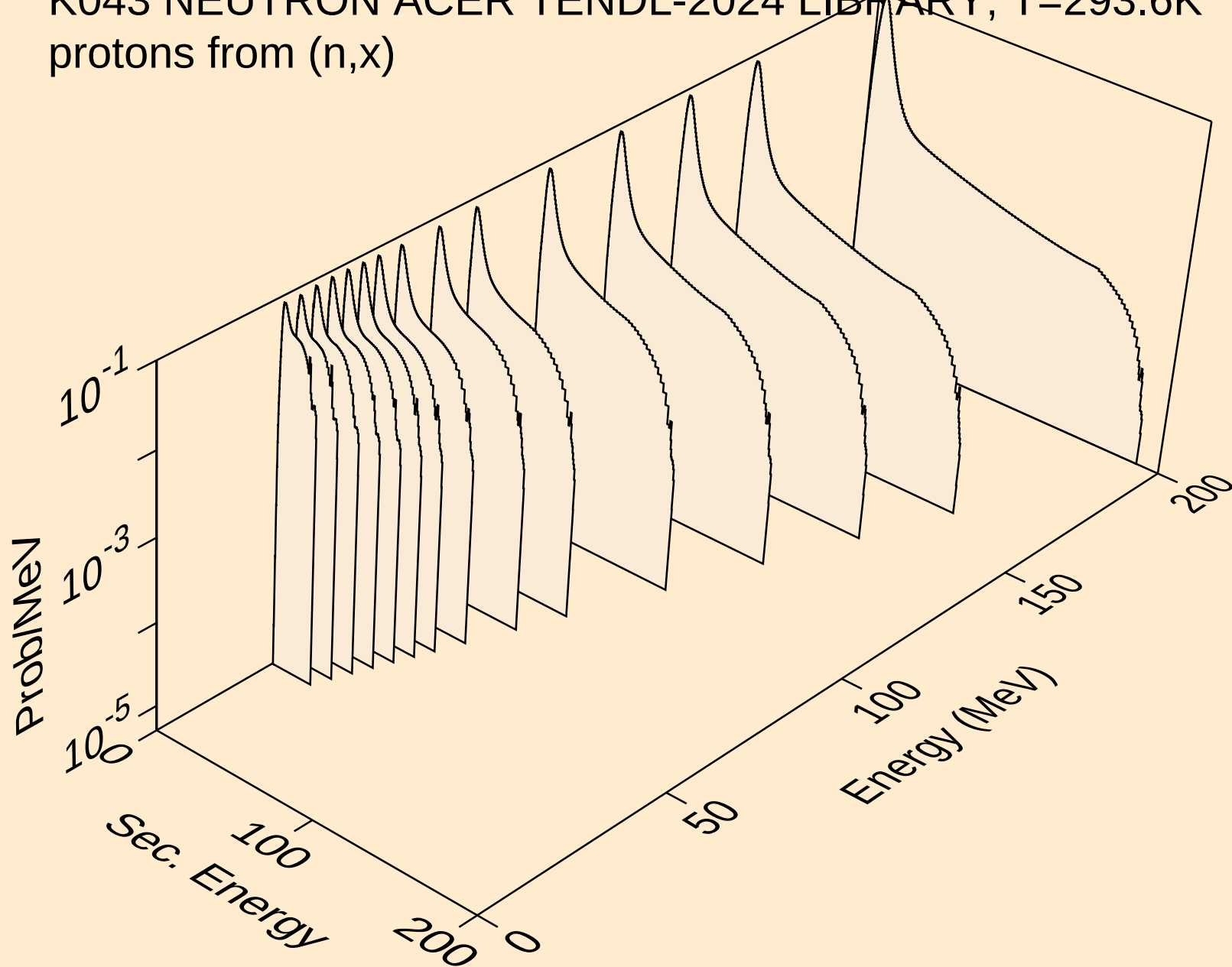


# K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

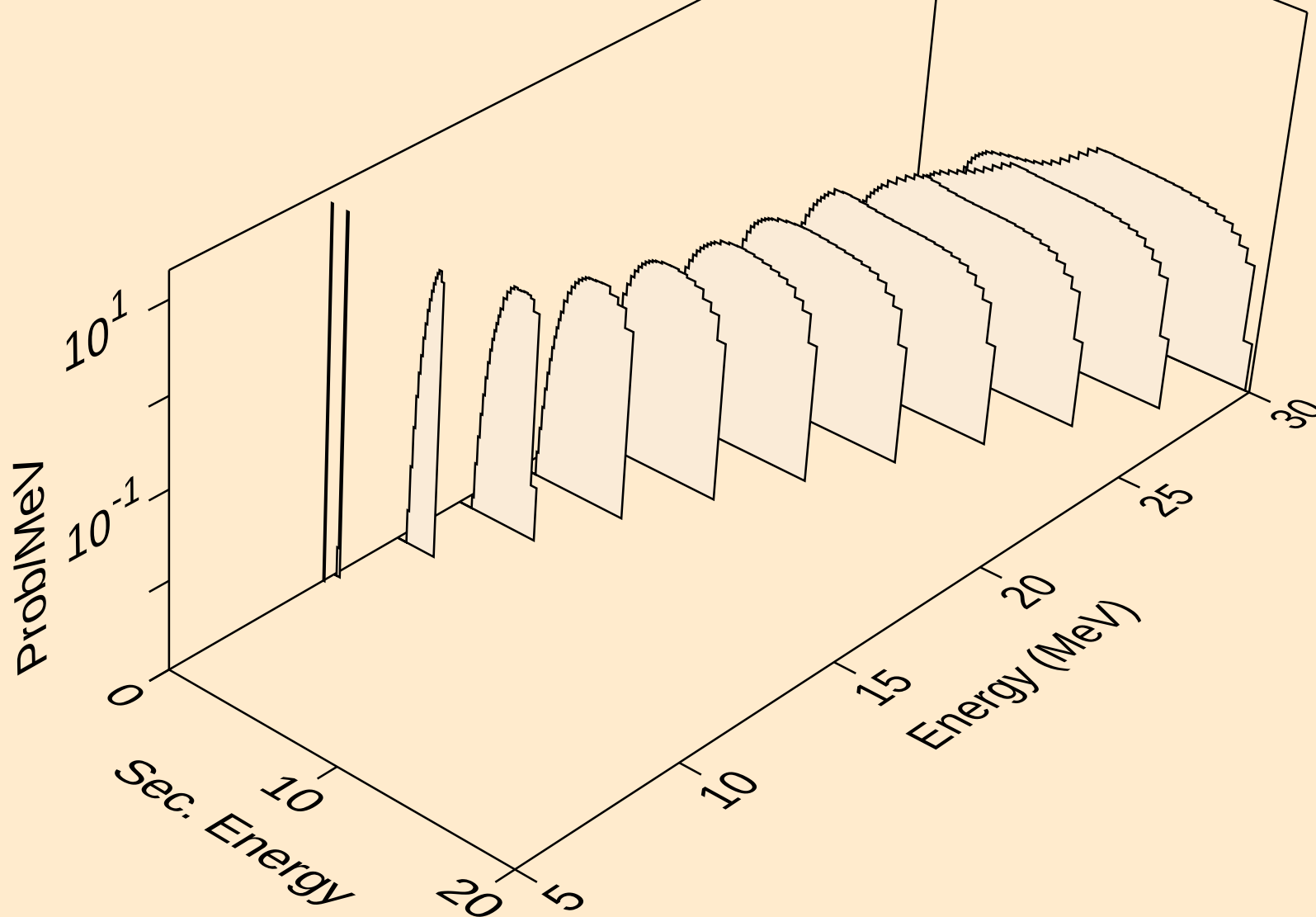
## Particle production cross sections



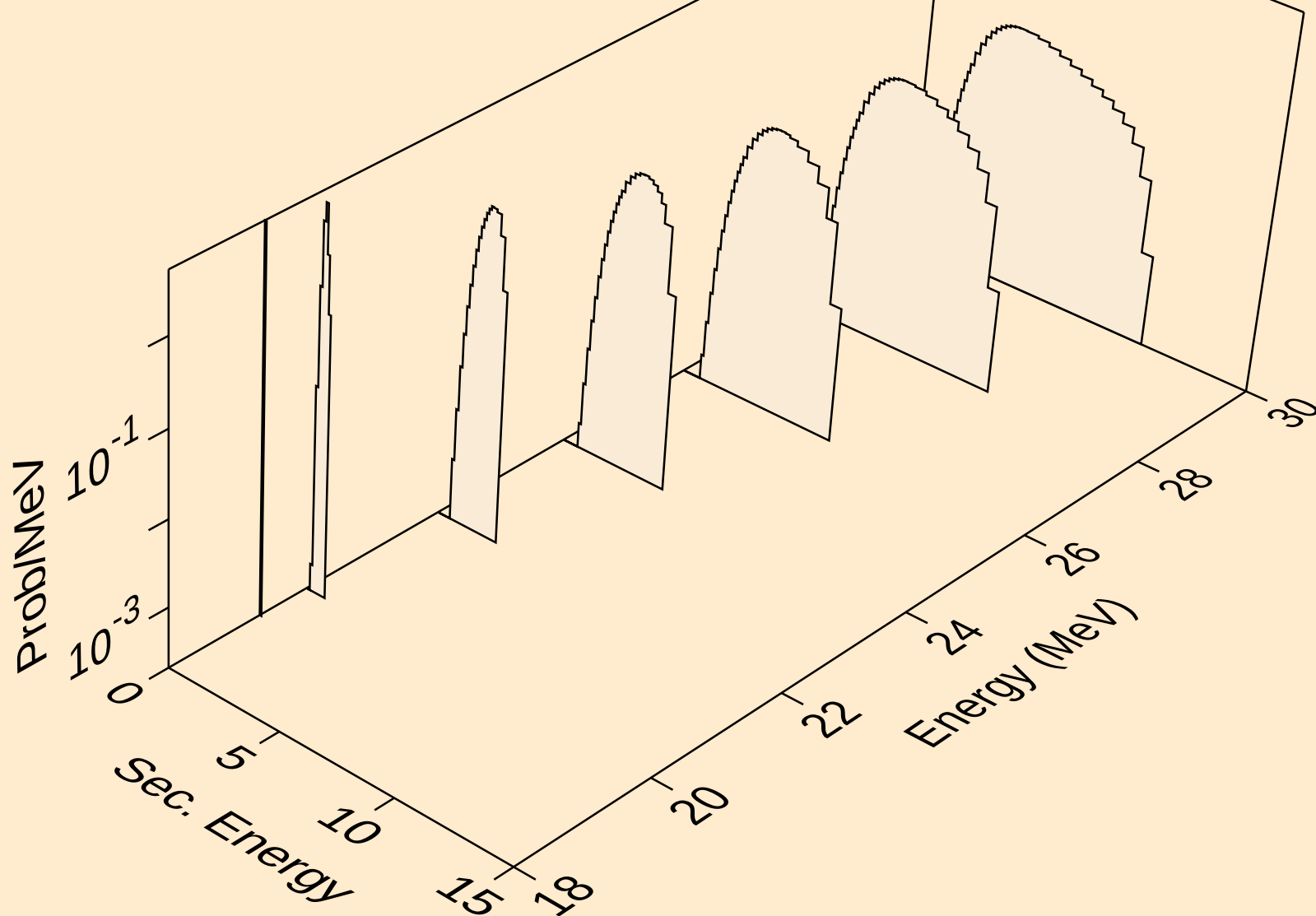
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



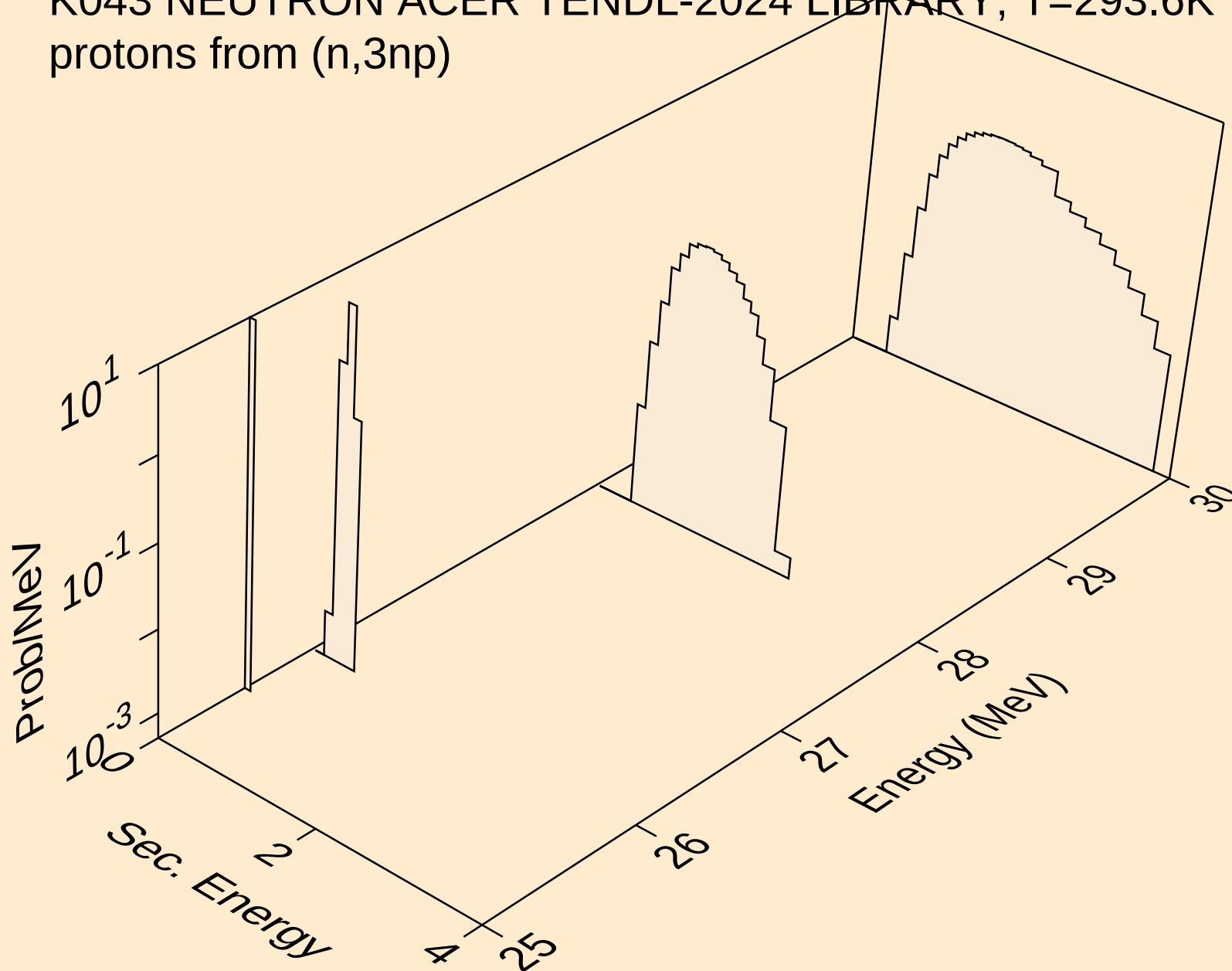
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



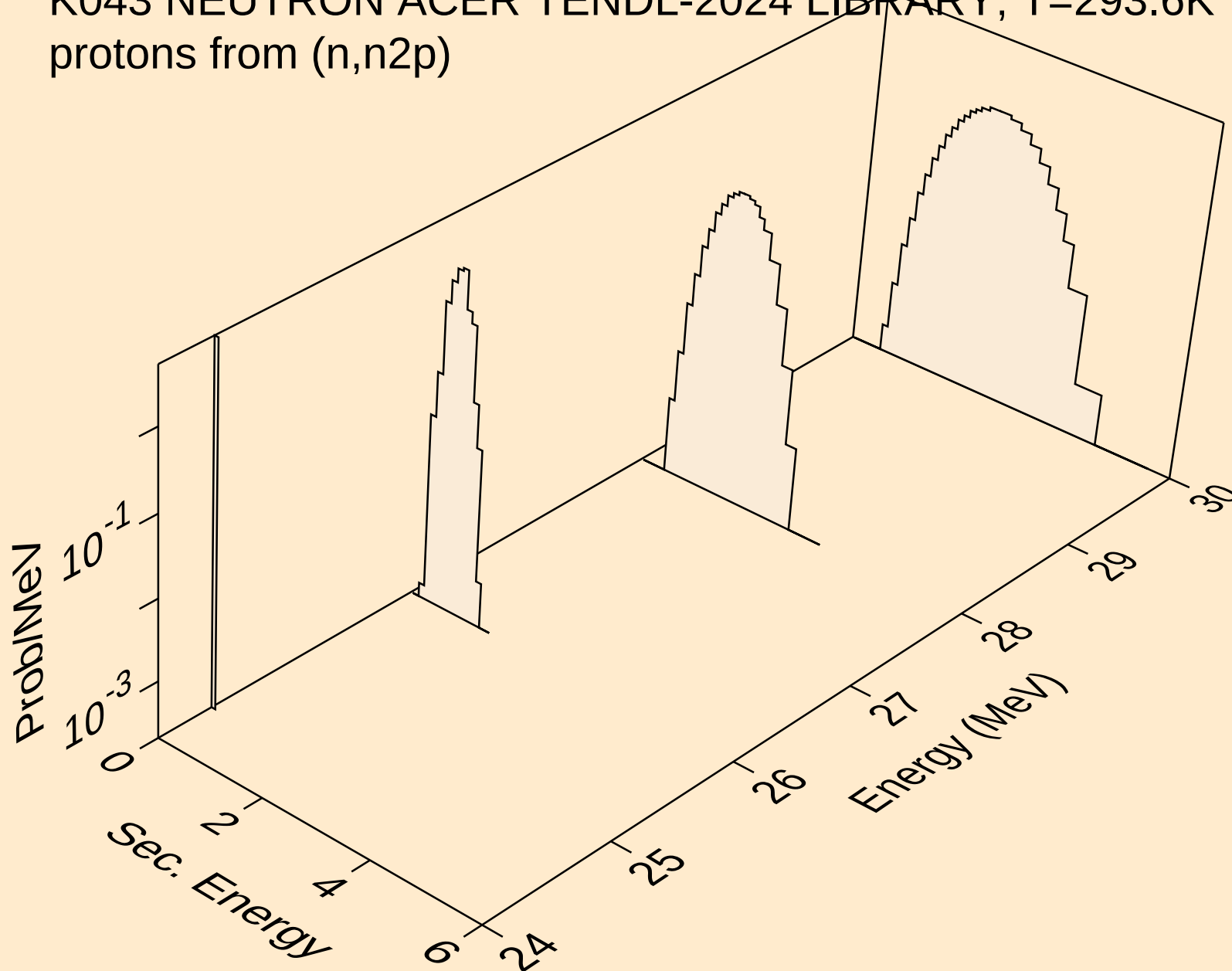
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



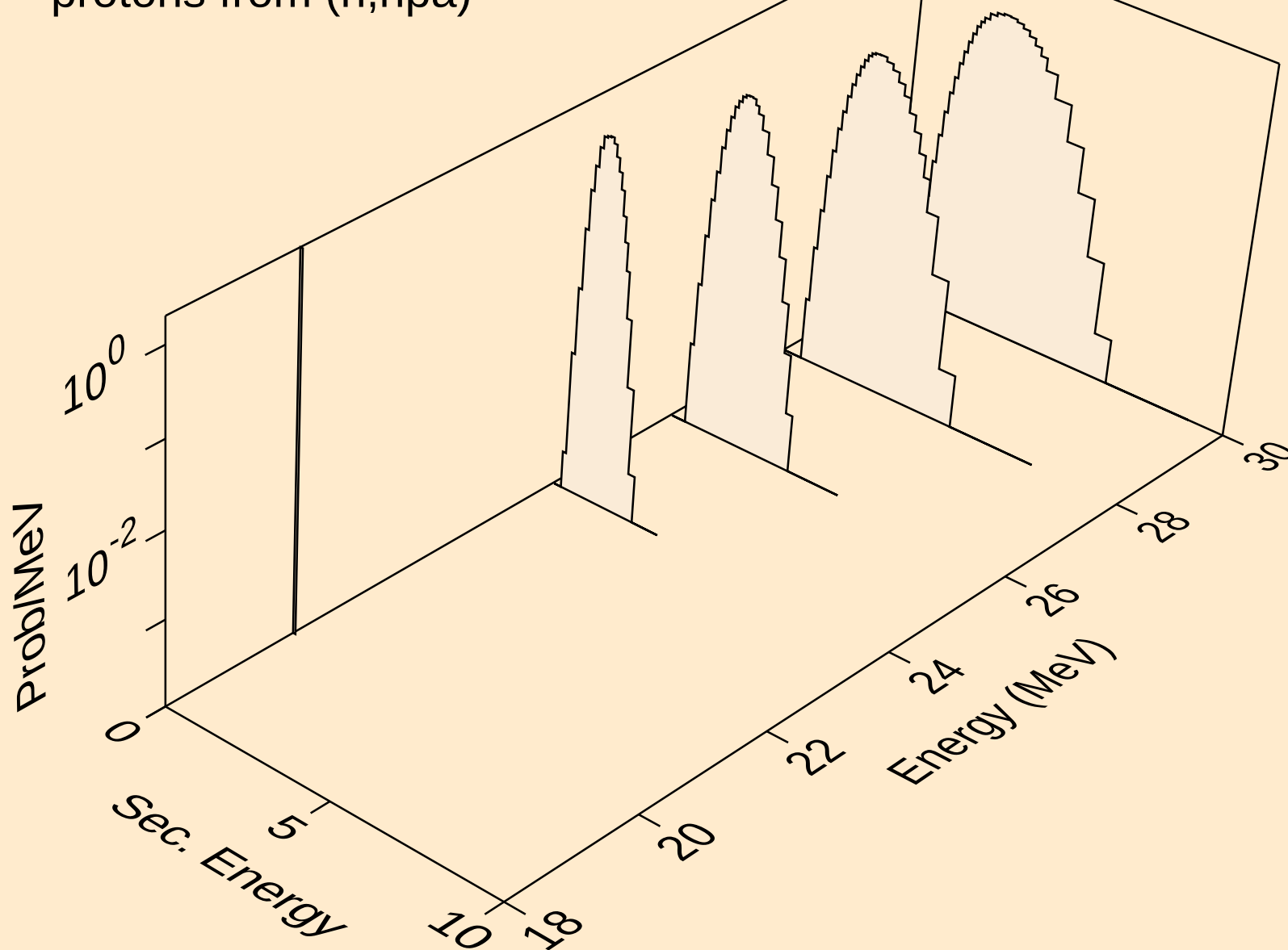
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protons from (n,3np)



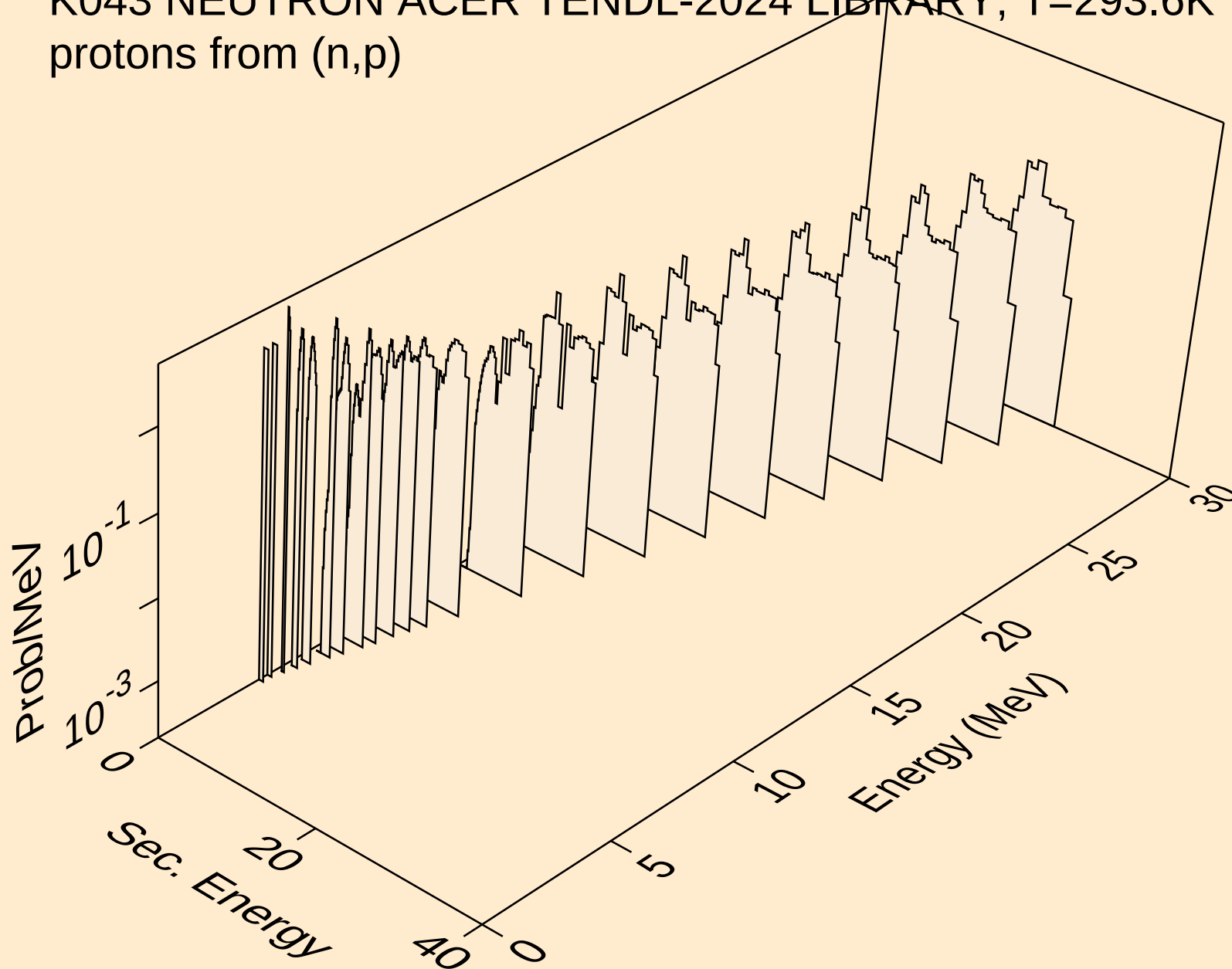
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protons from (n,n2p)



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,npa)

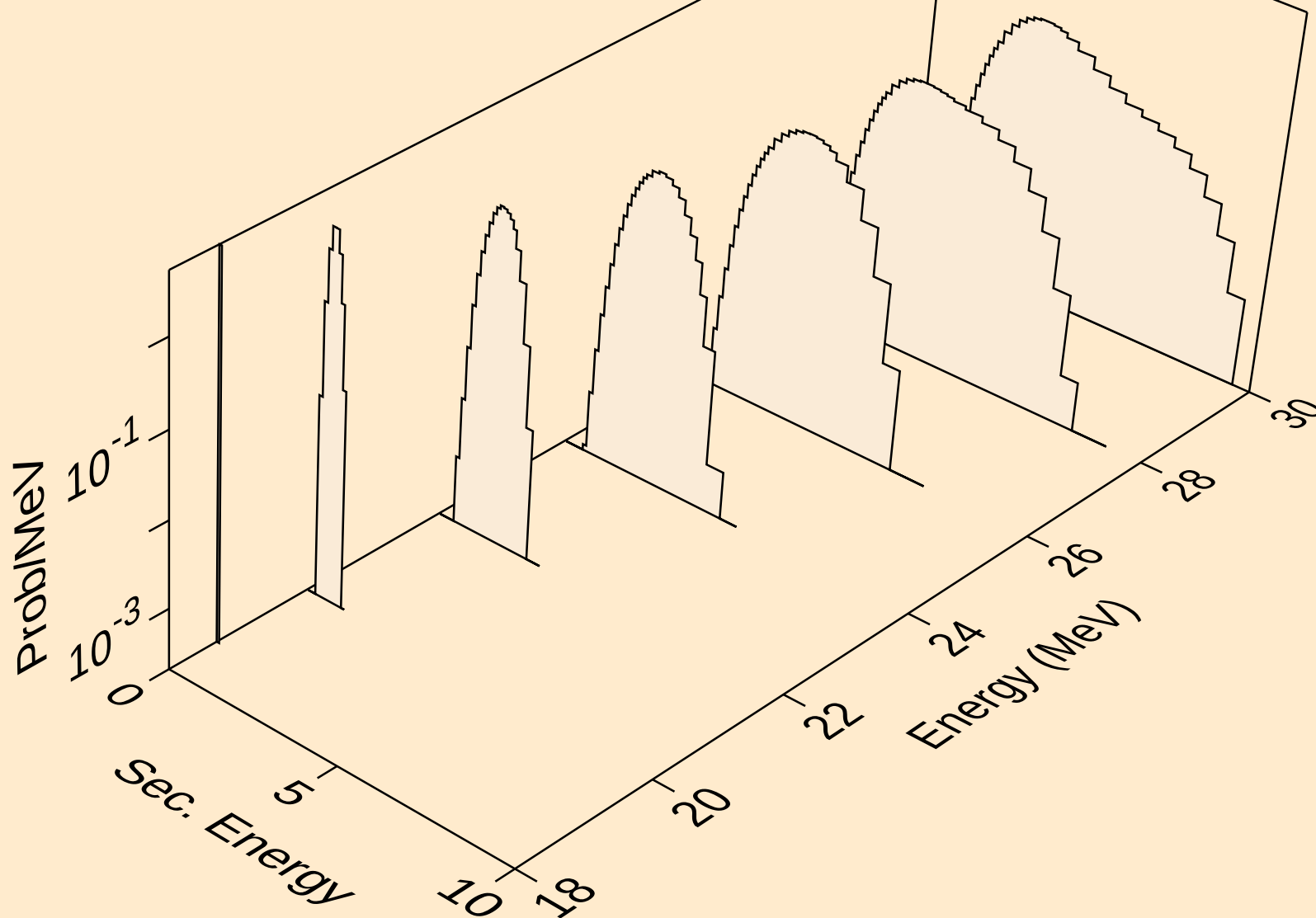


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protons from (n,p)

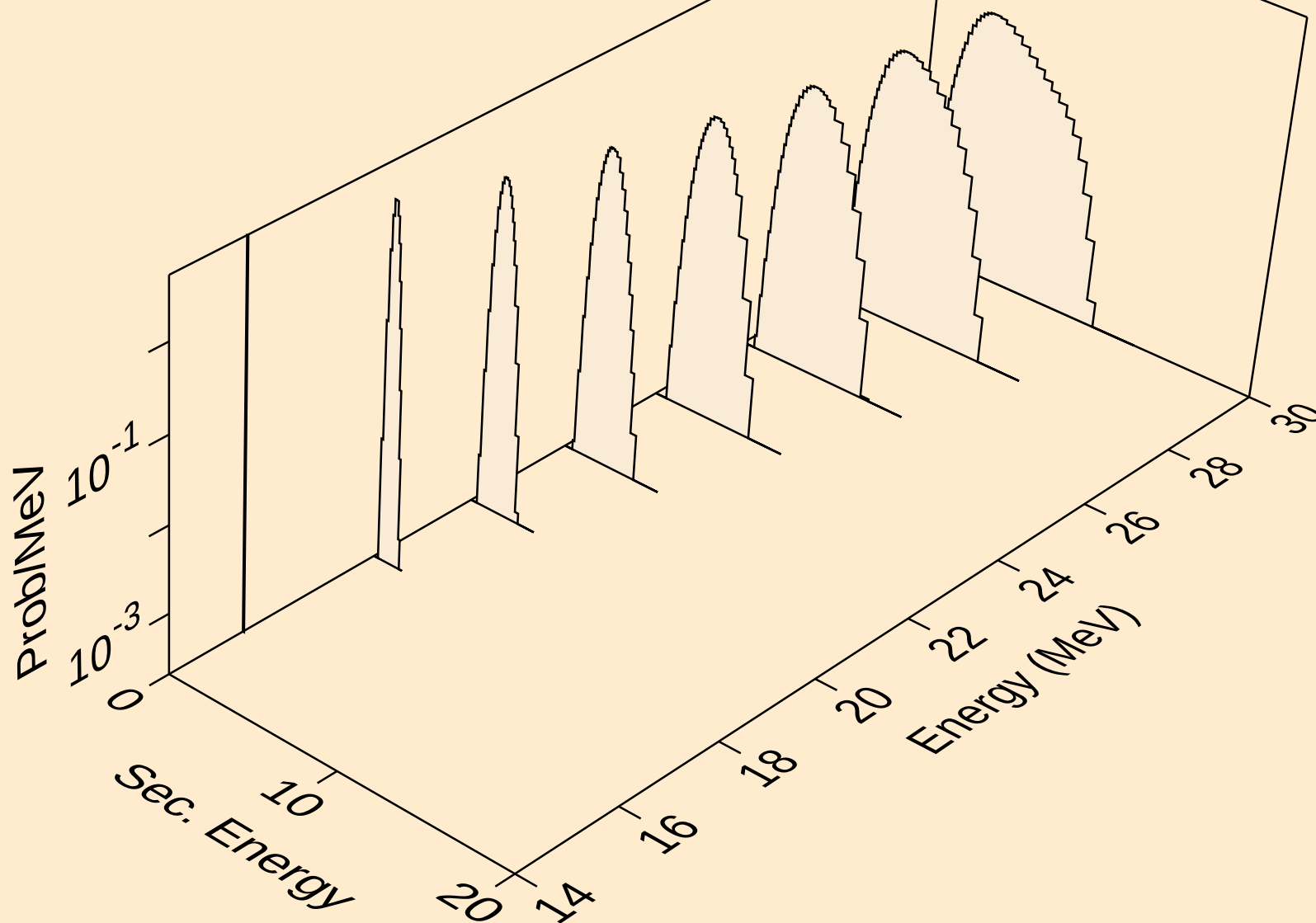




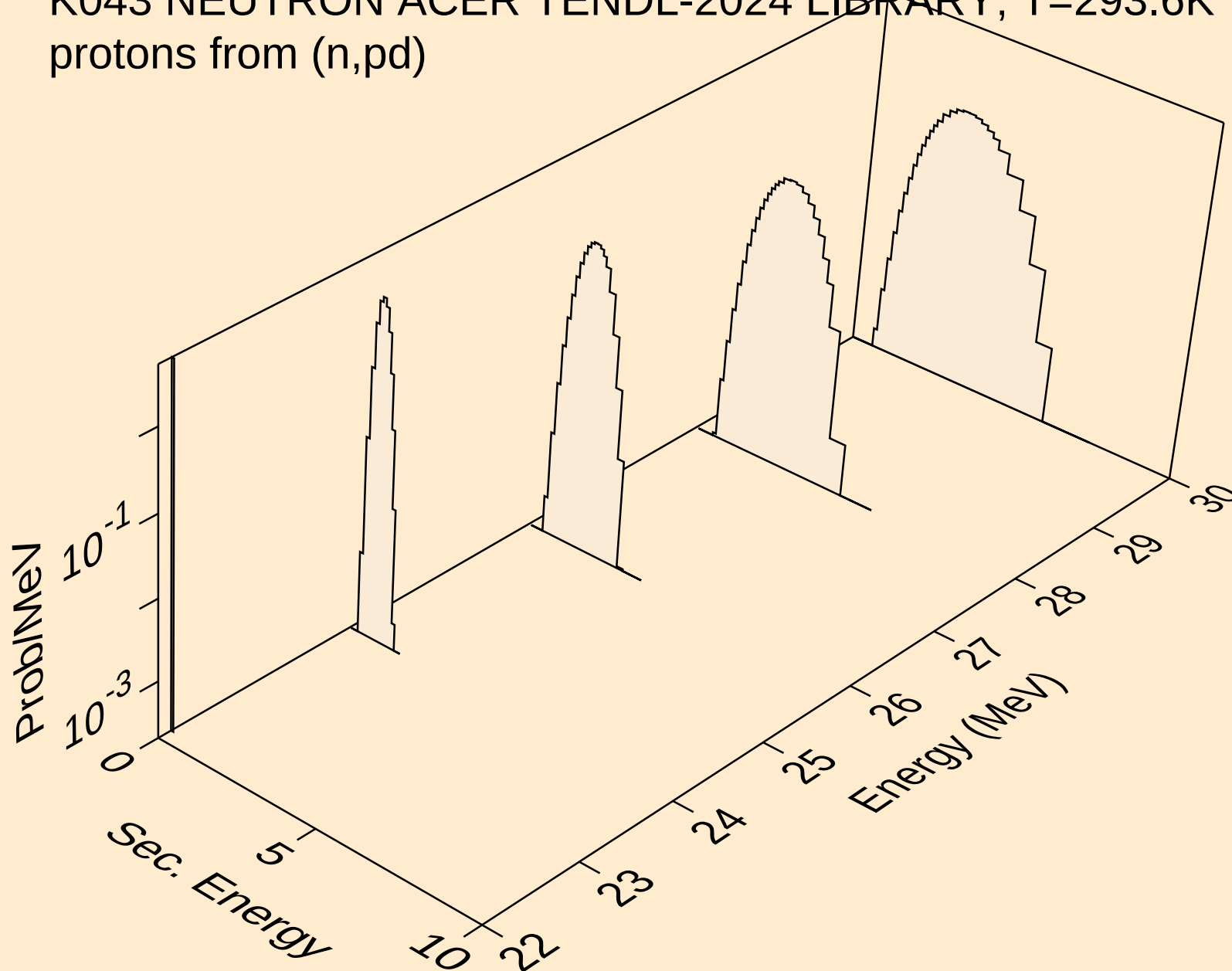
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protons from (n,2p)



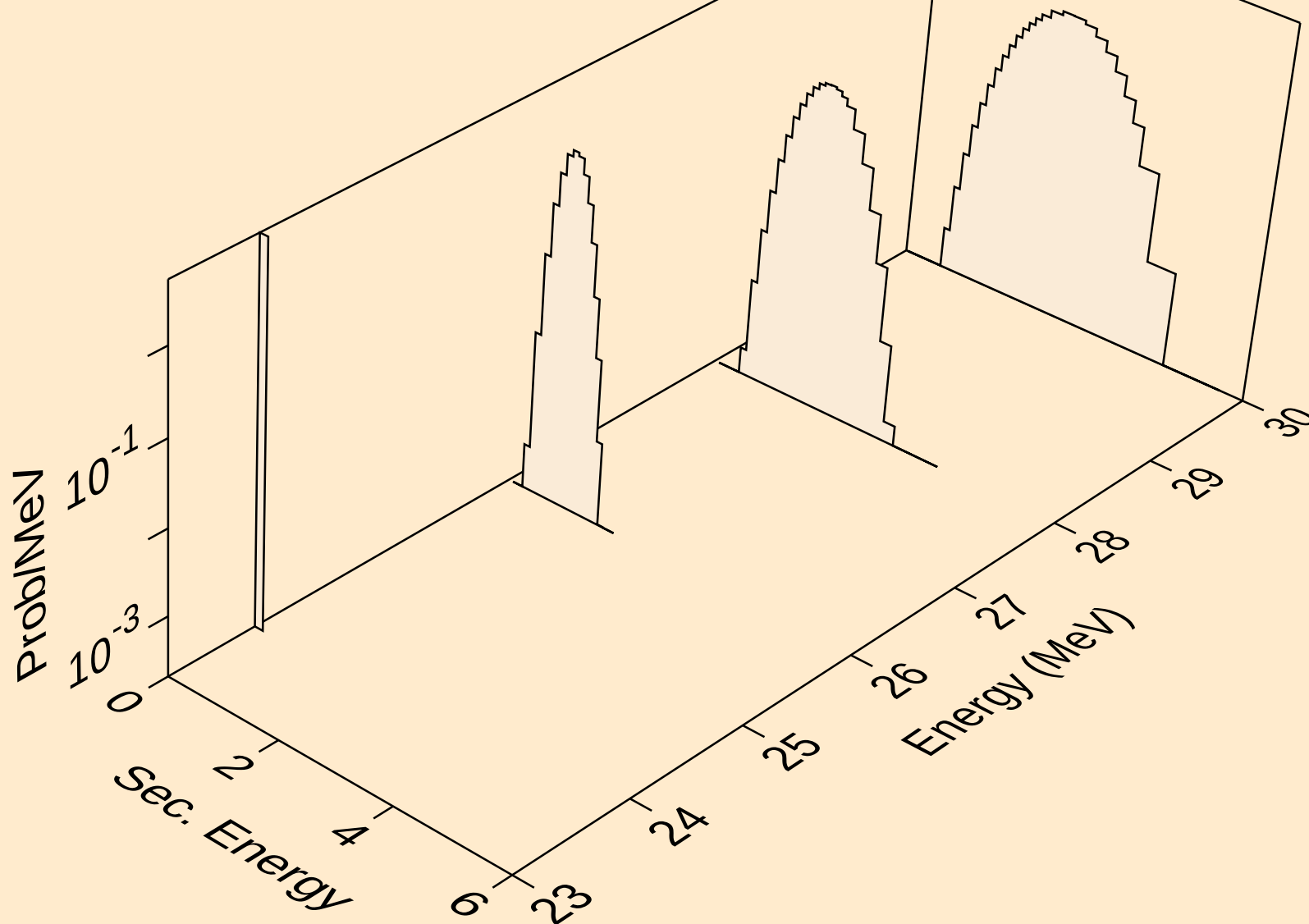
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protons from (n,p)



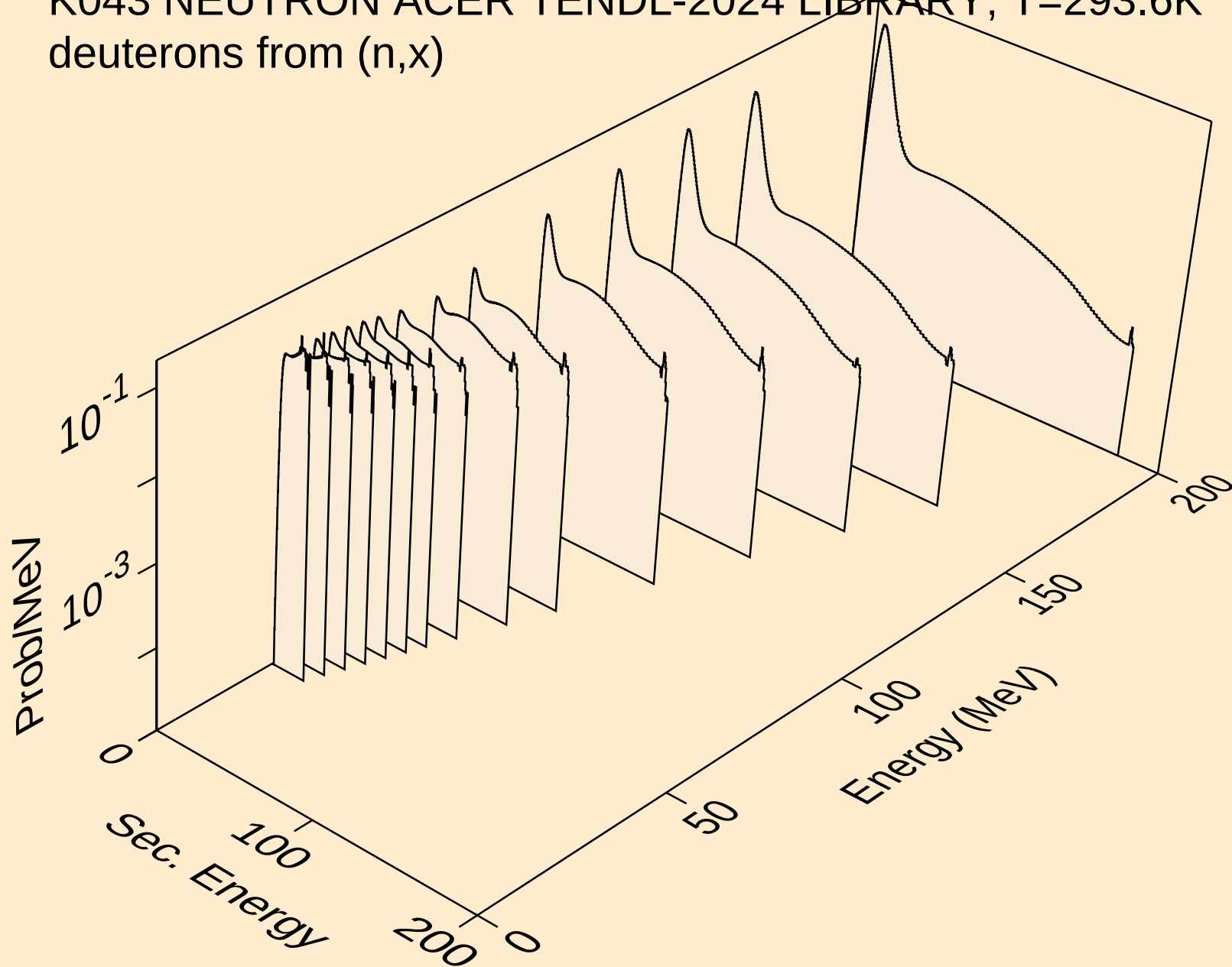
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,pd)



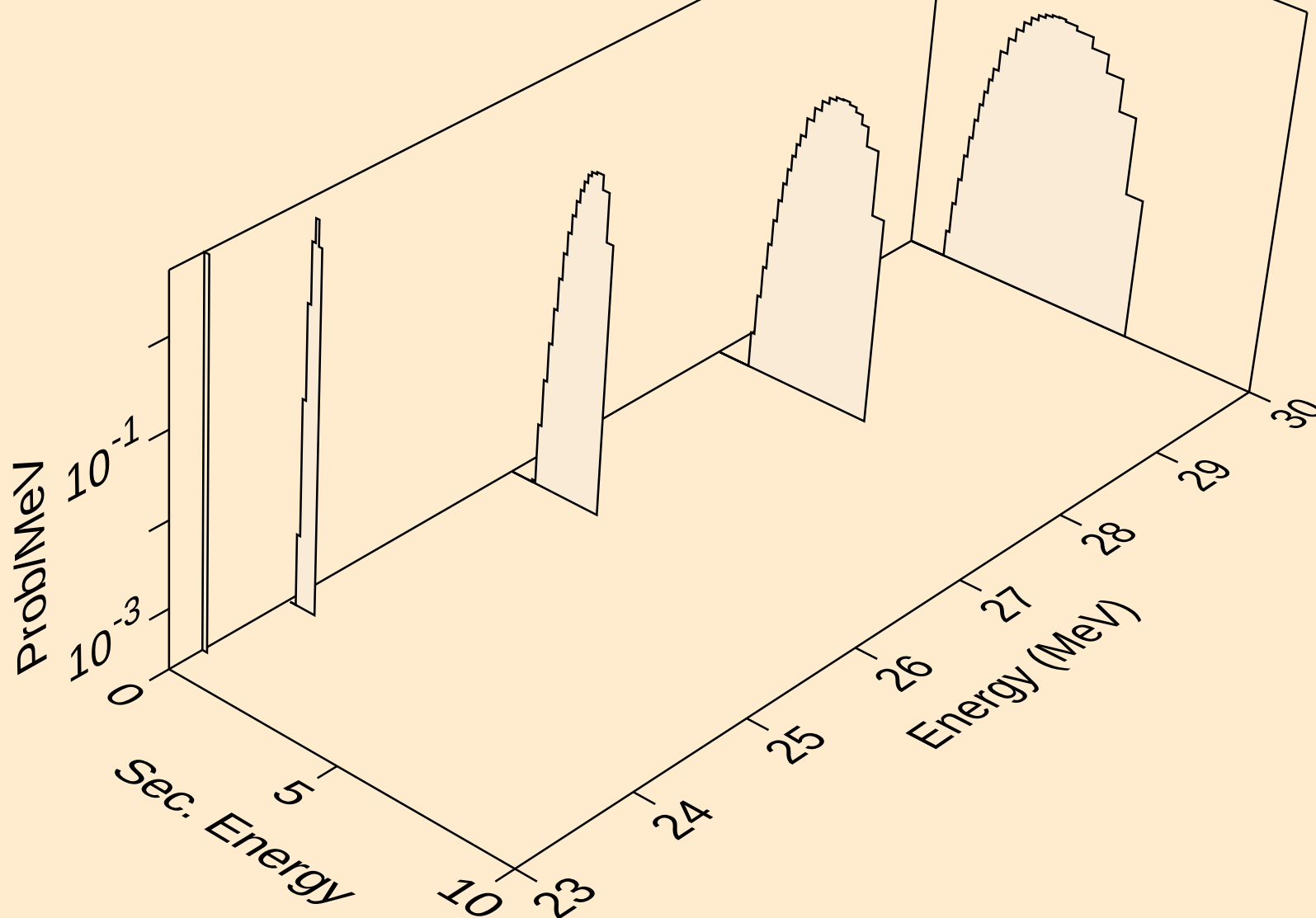
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protons from (n,pt)



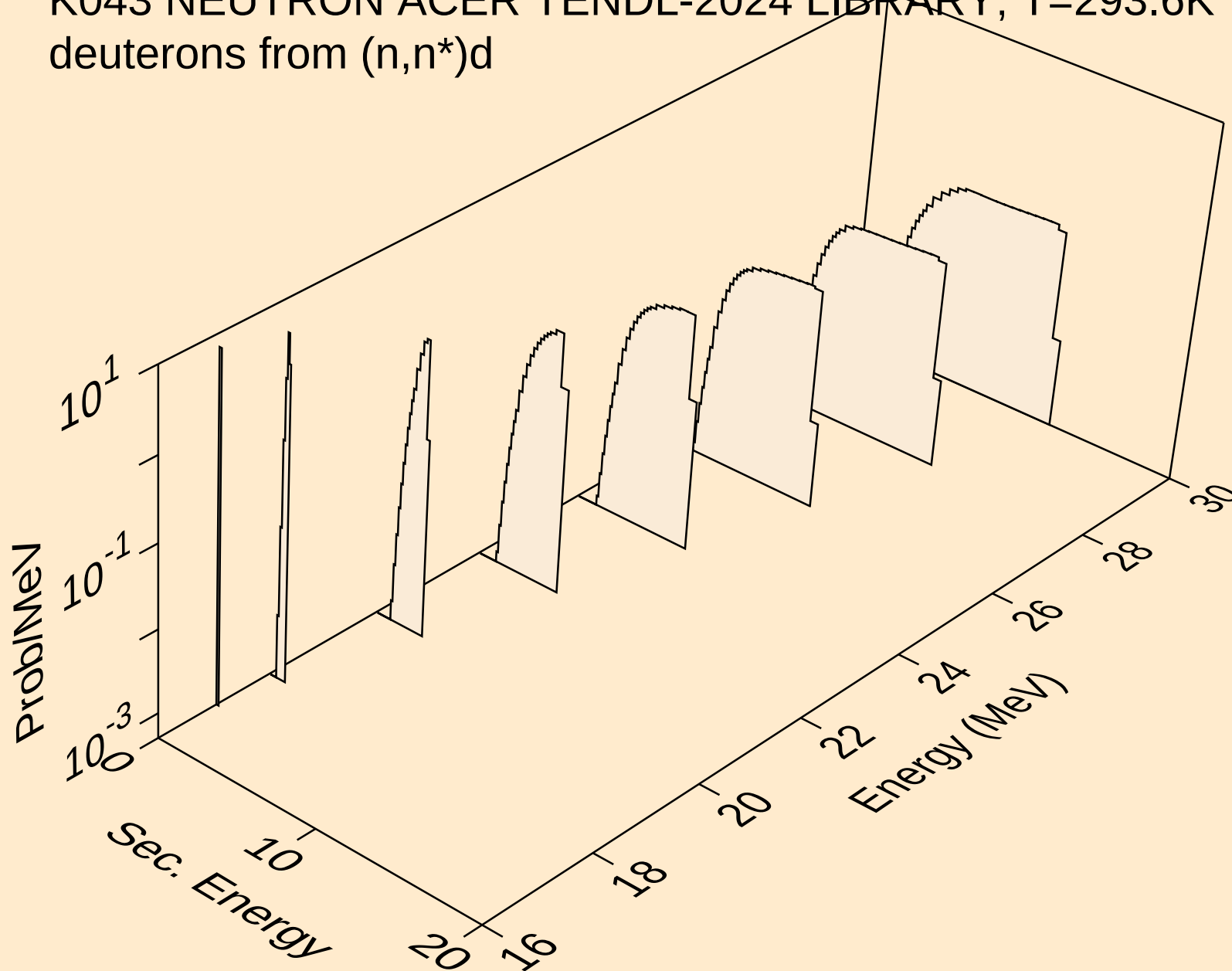
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



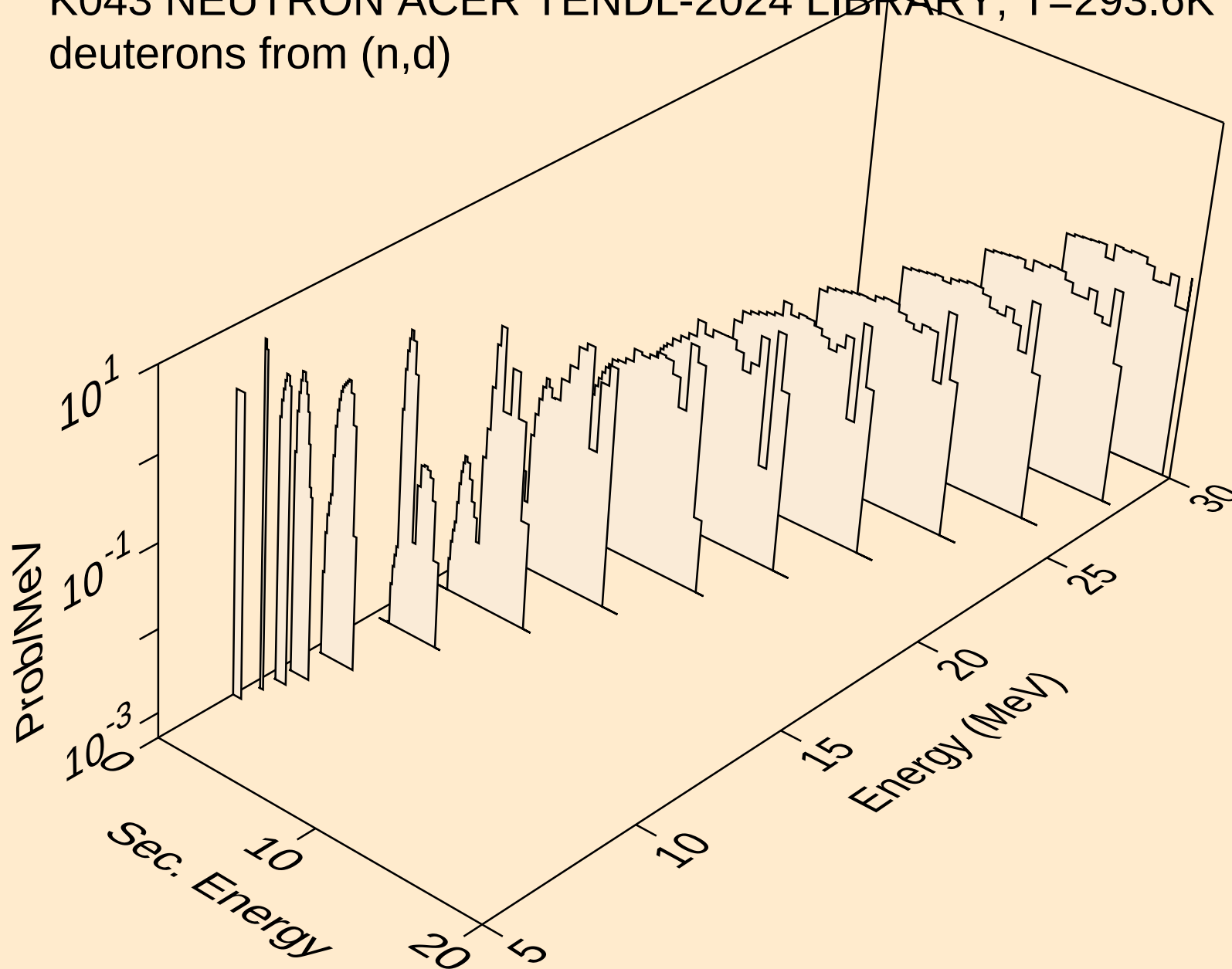
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,2nd)



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d

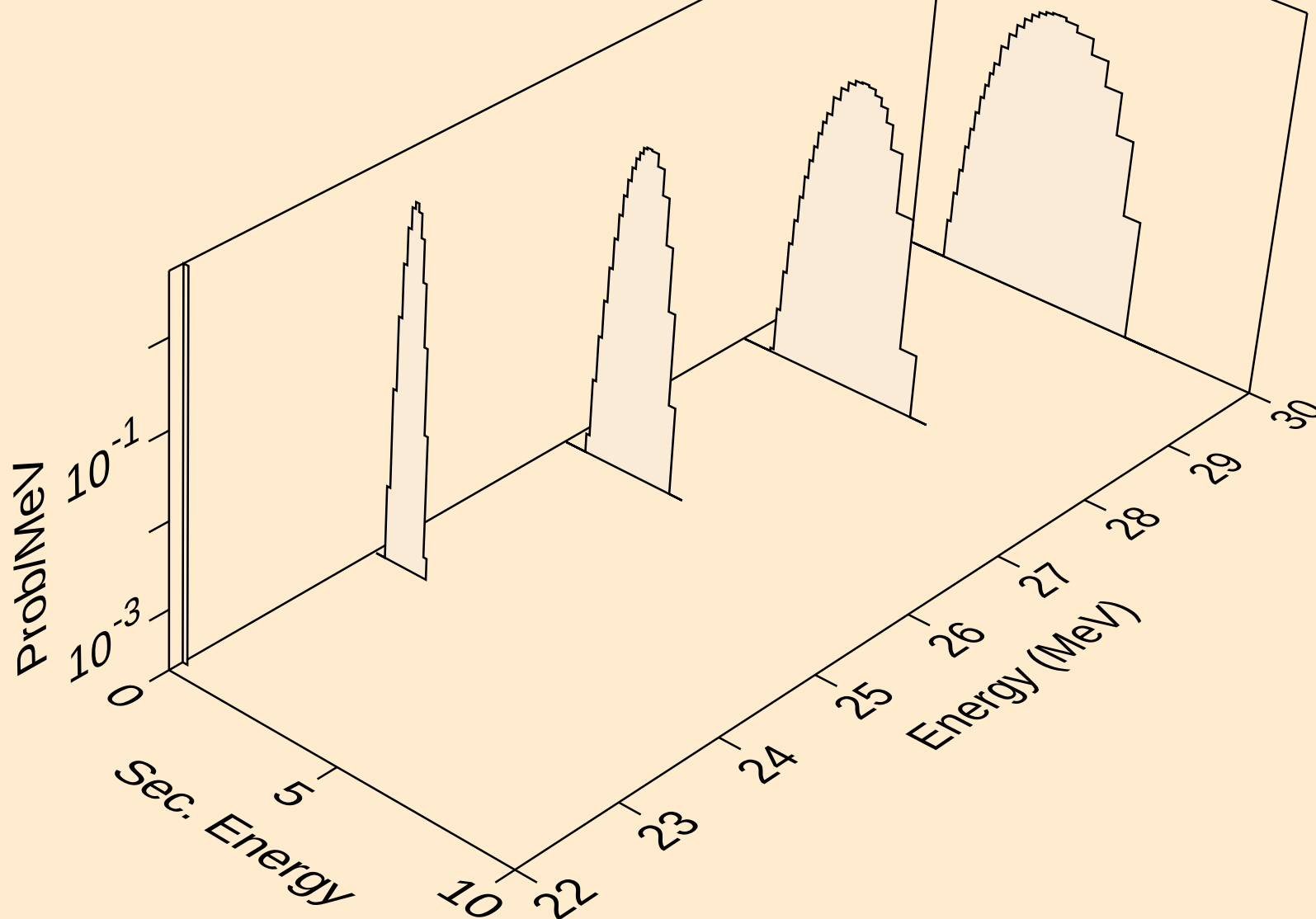


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)

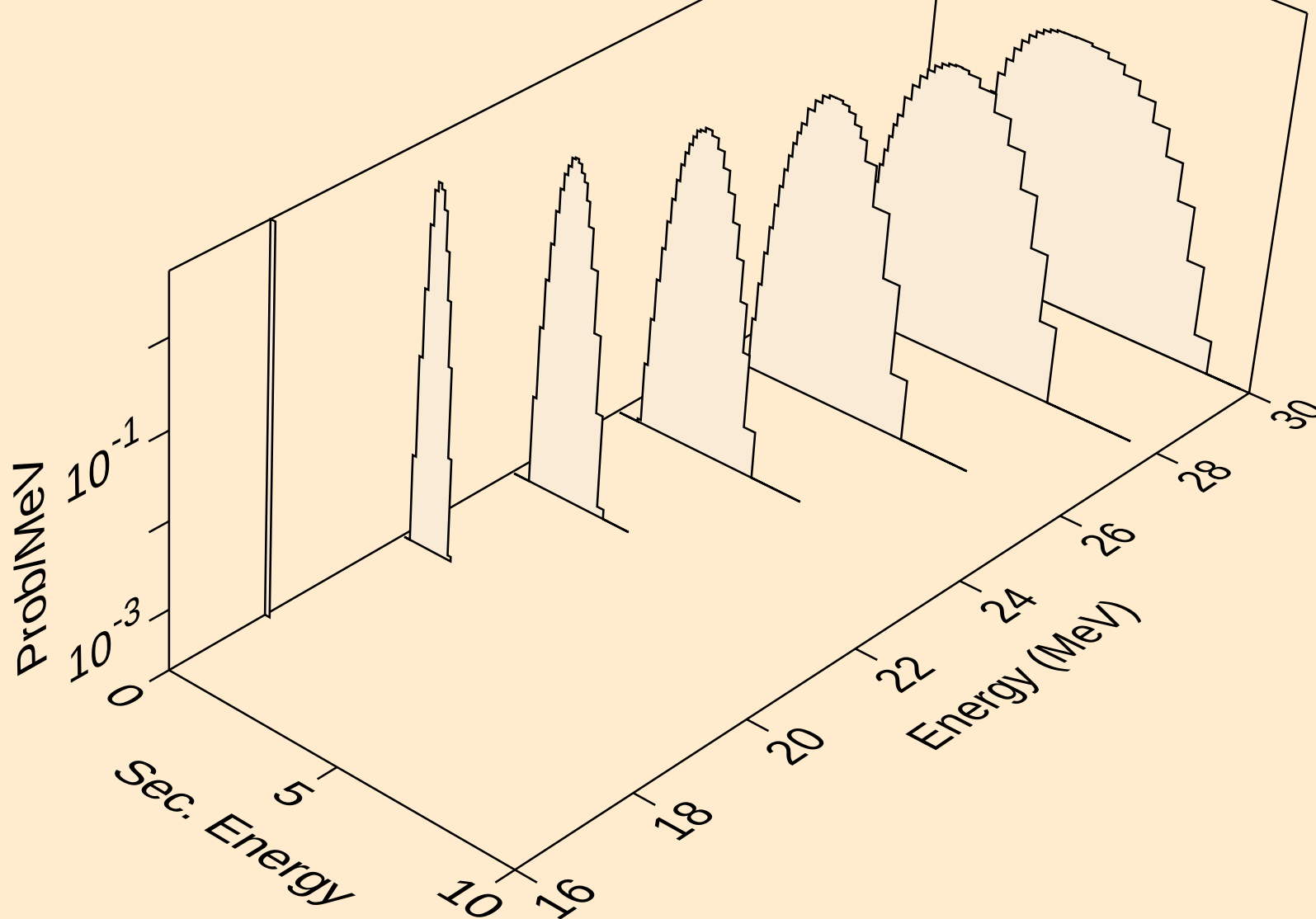




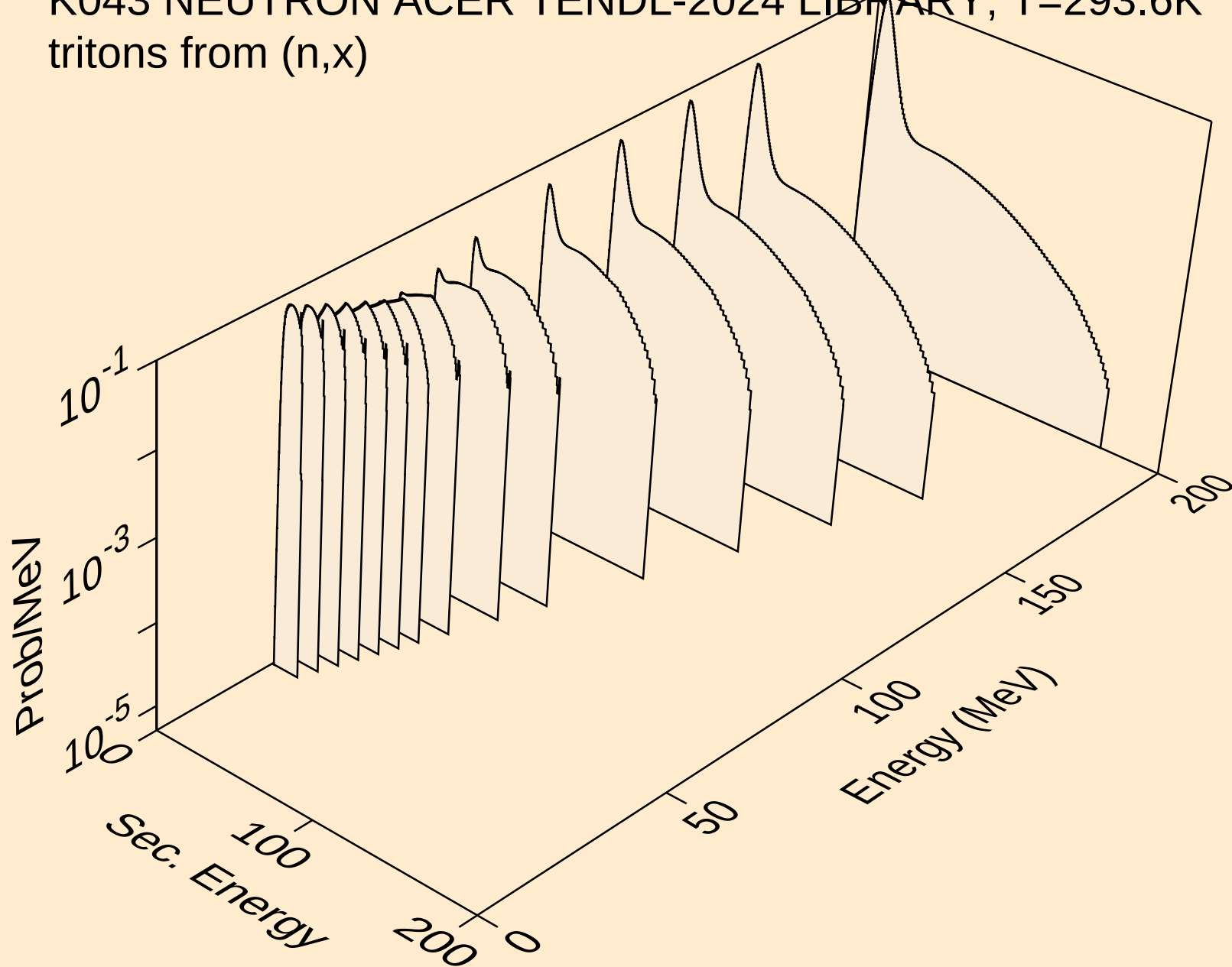
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,pd)



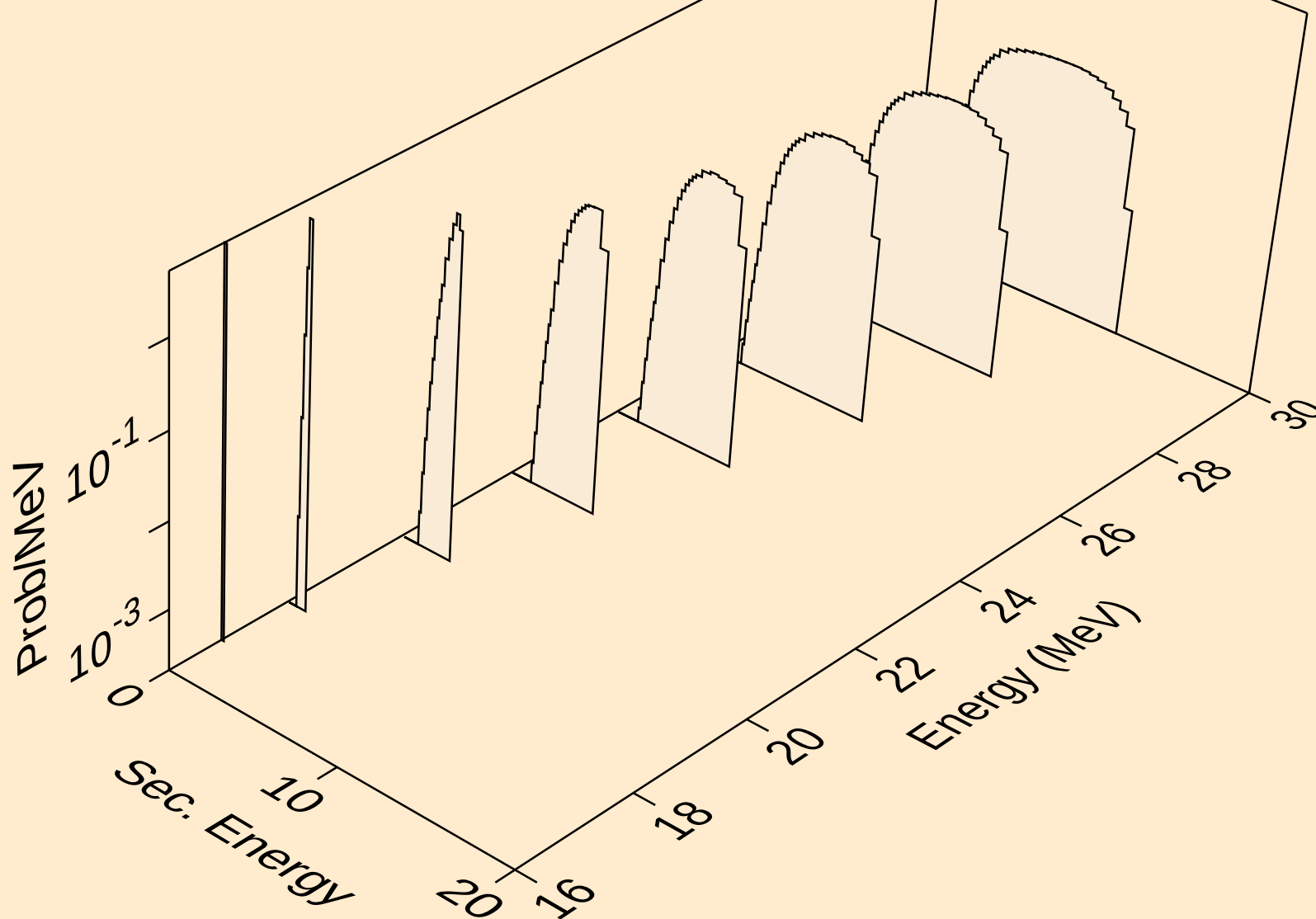
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deuterons from (n,da)



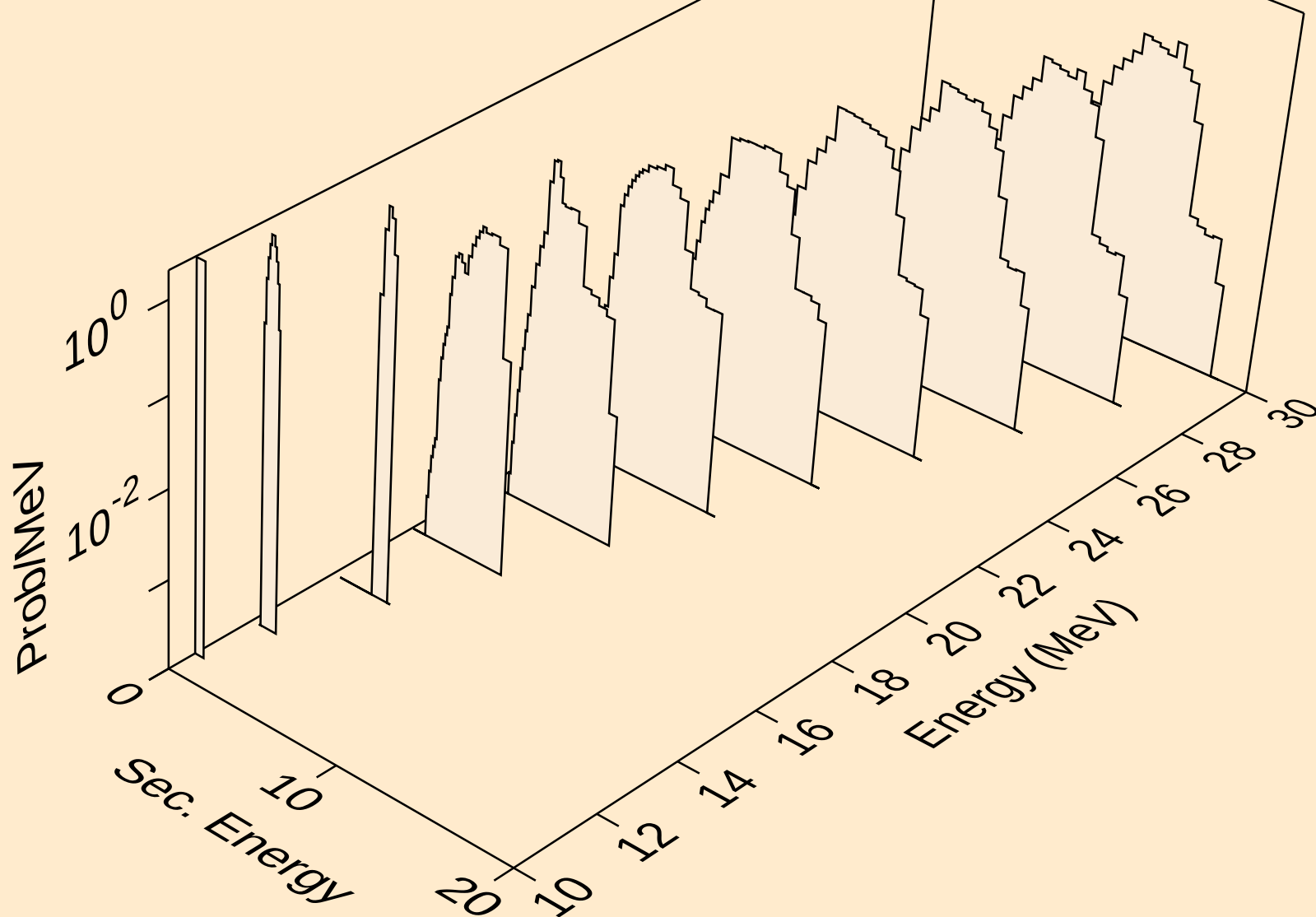
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tritons from (n,x)



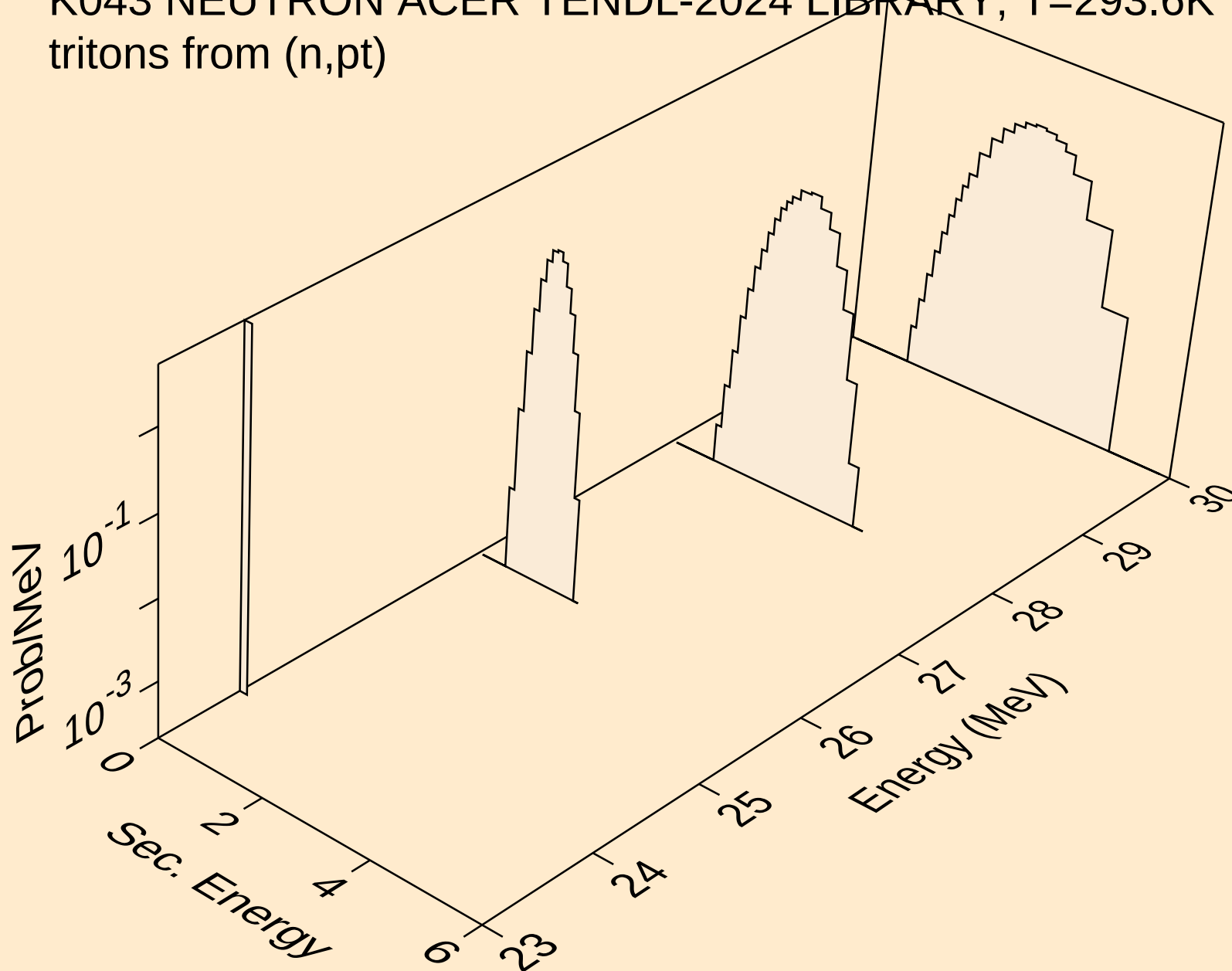
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



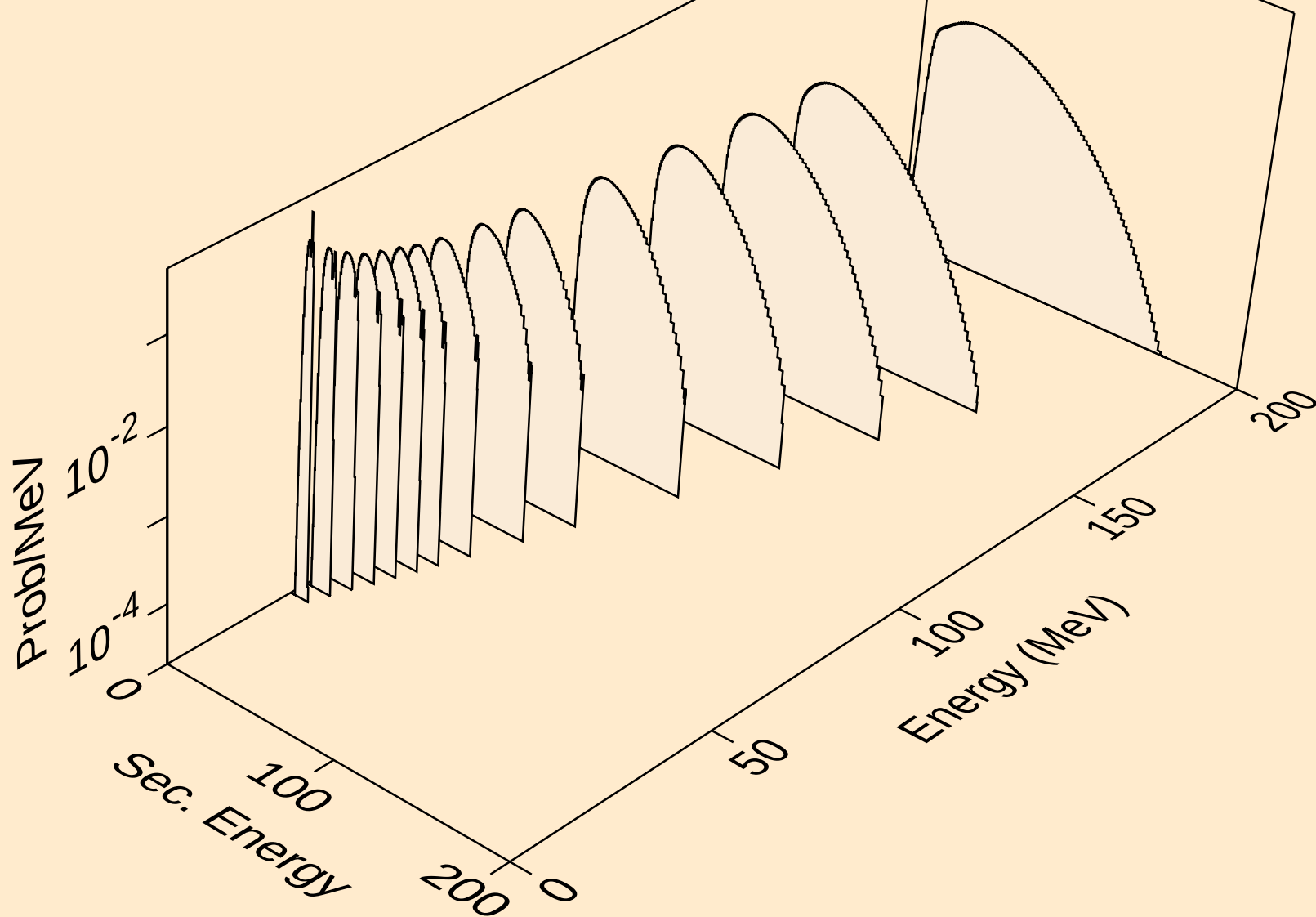
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tritons from (n,t)



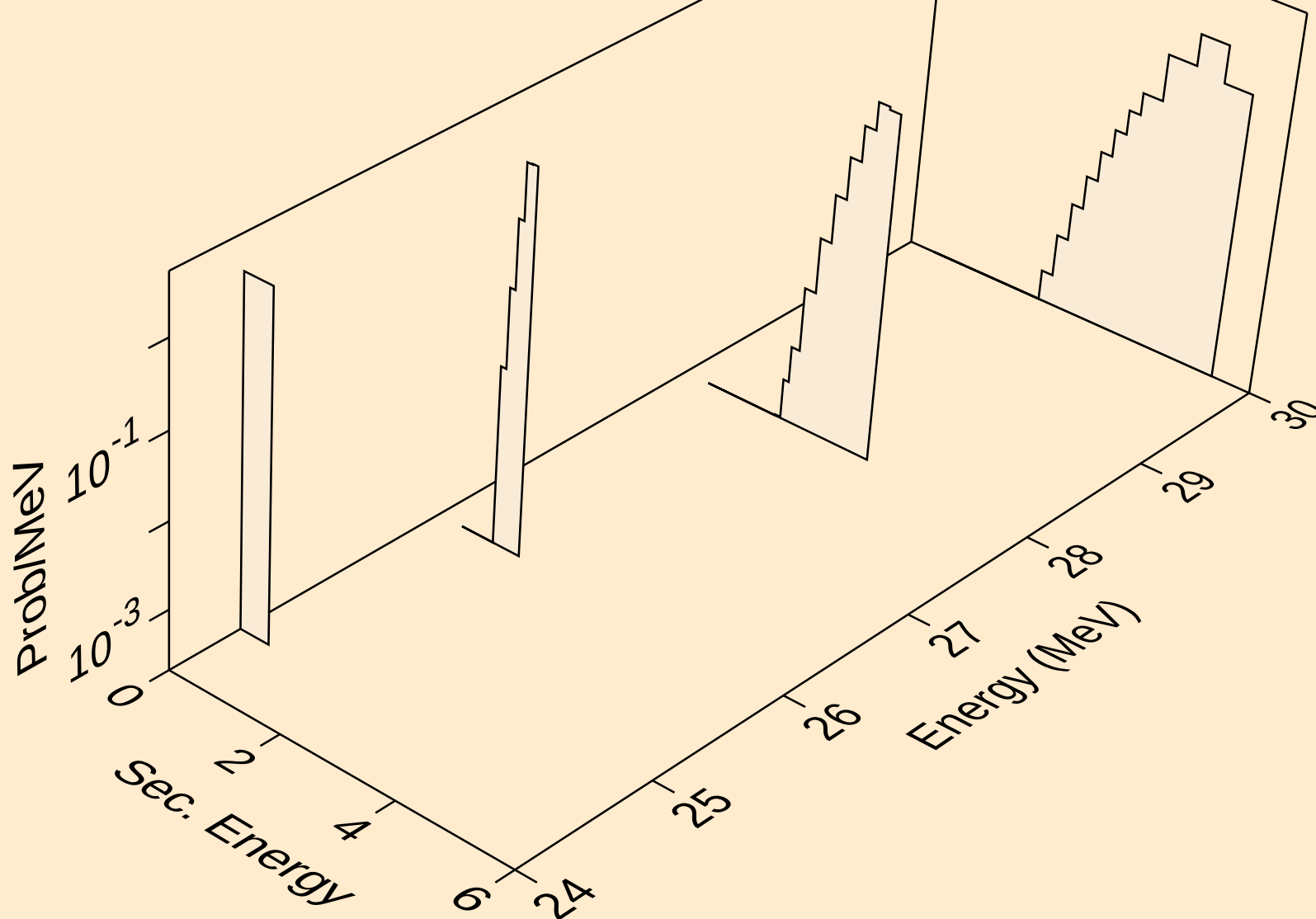
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,pt)



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)

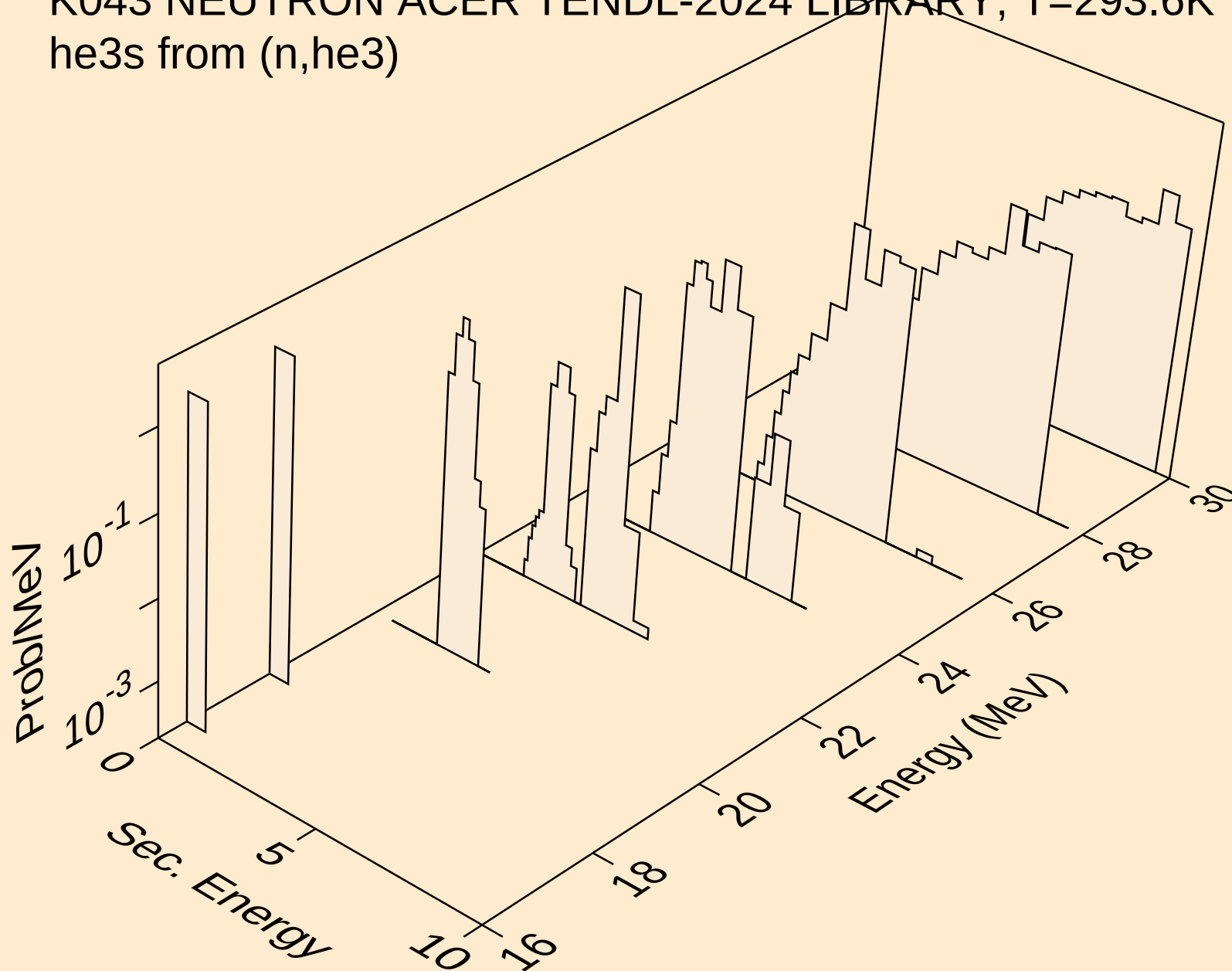


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3

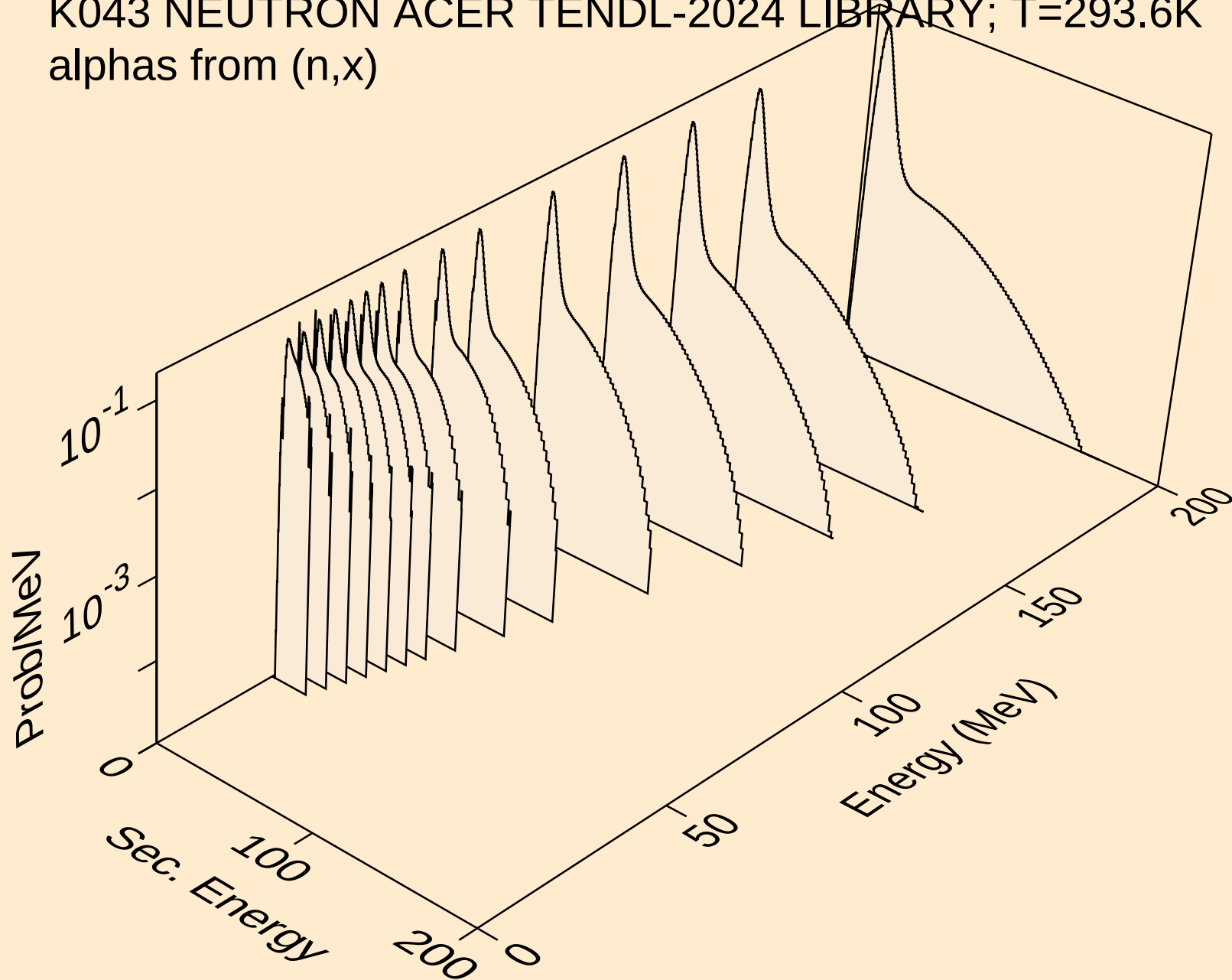




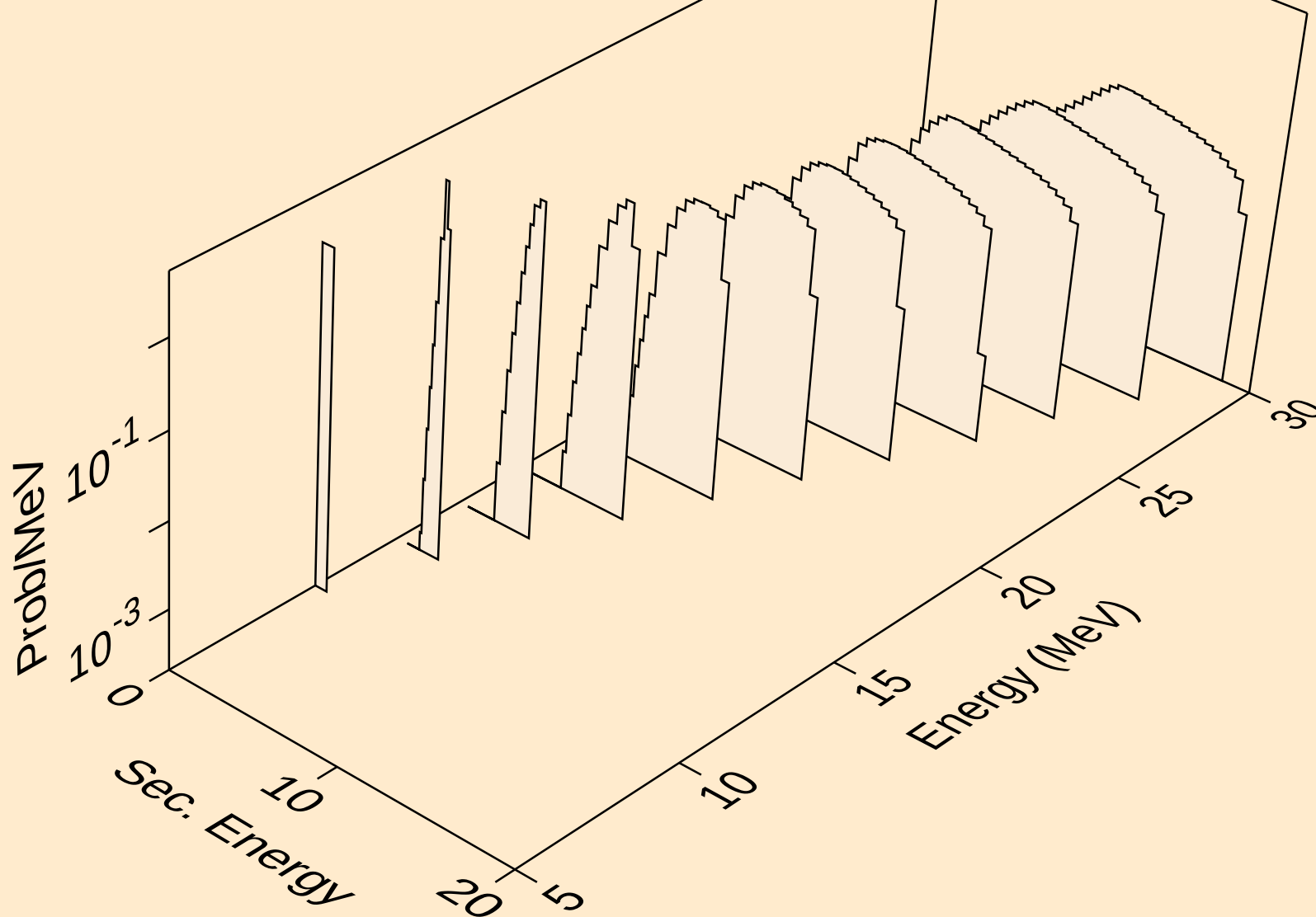
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



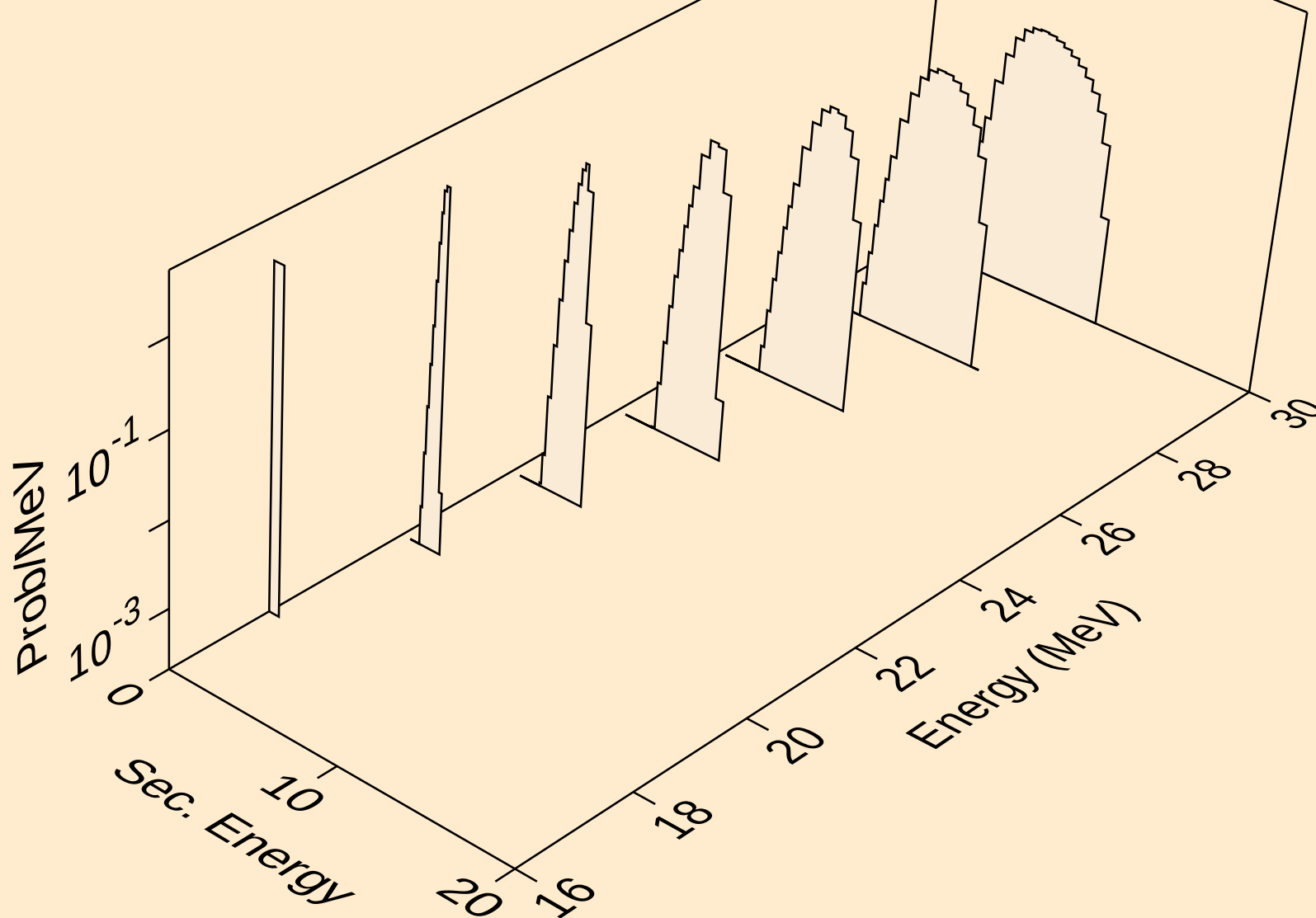
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



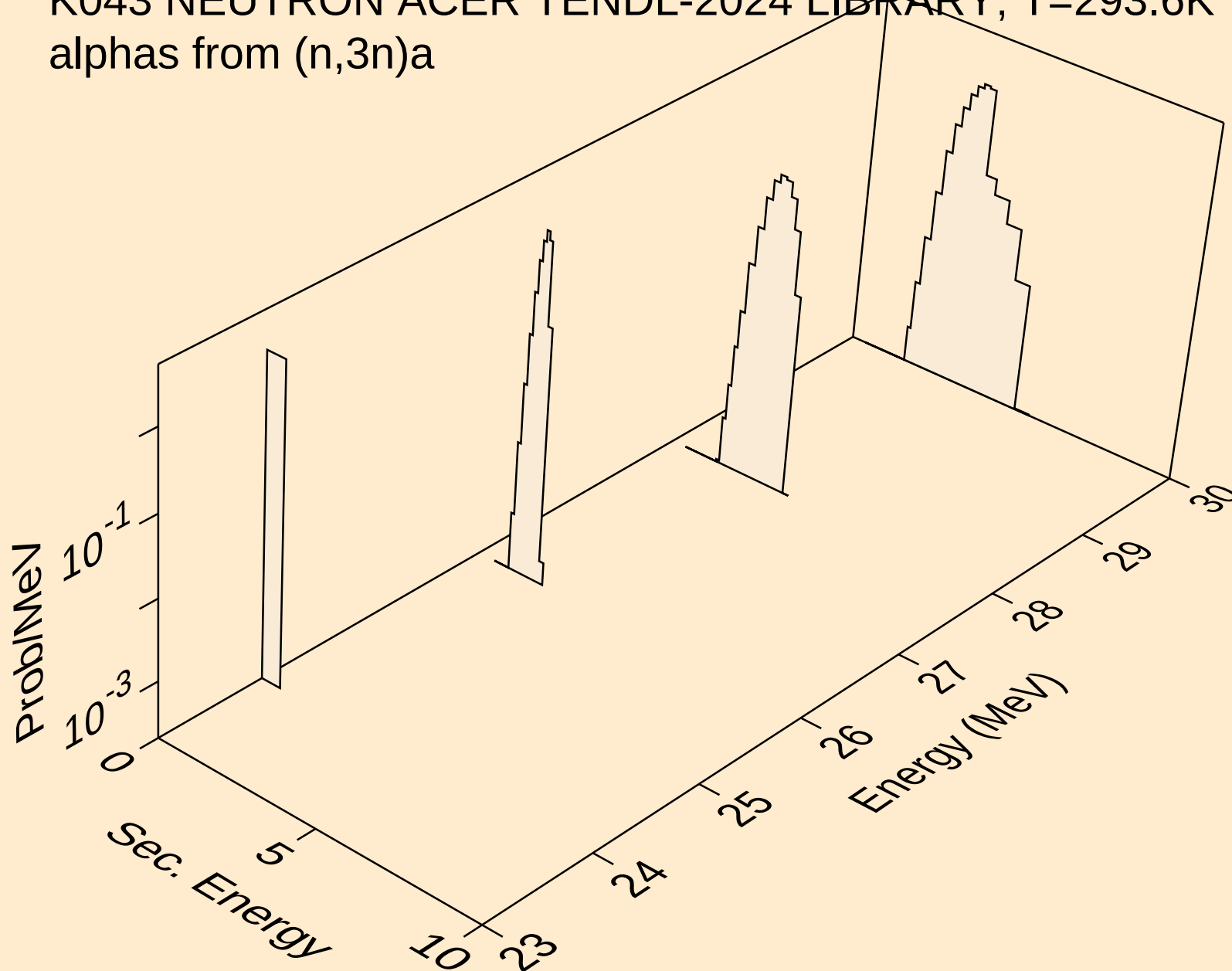
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alphas from (n,n\*)a



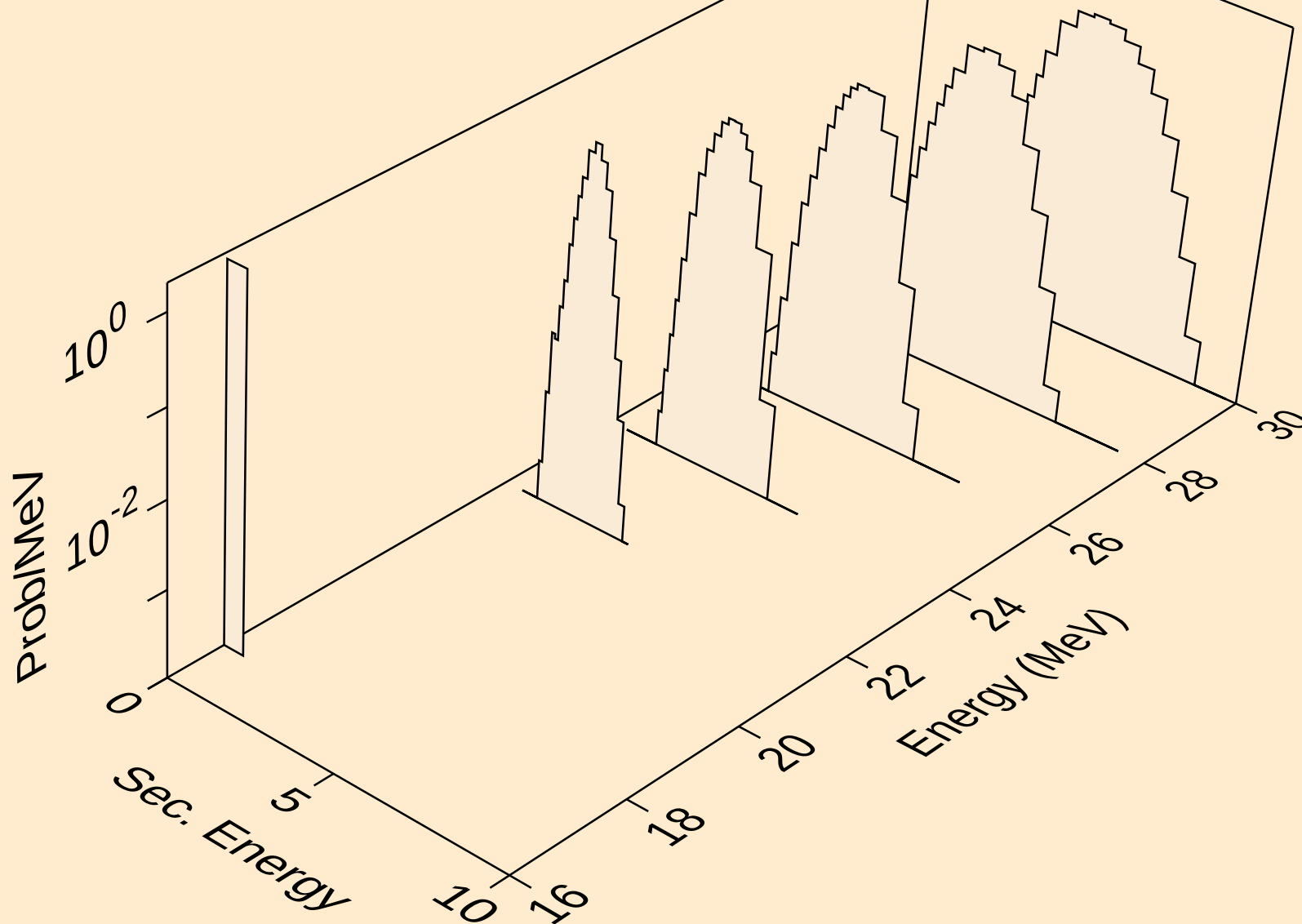
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alphas from (n,2n)a



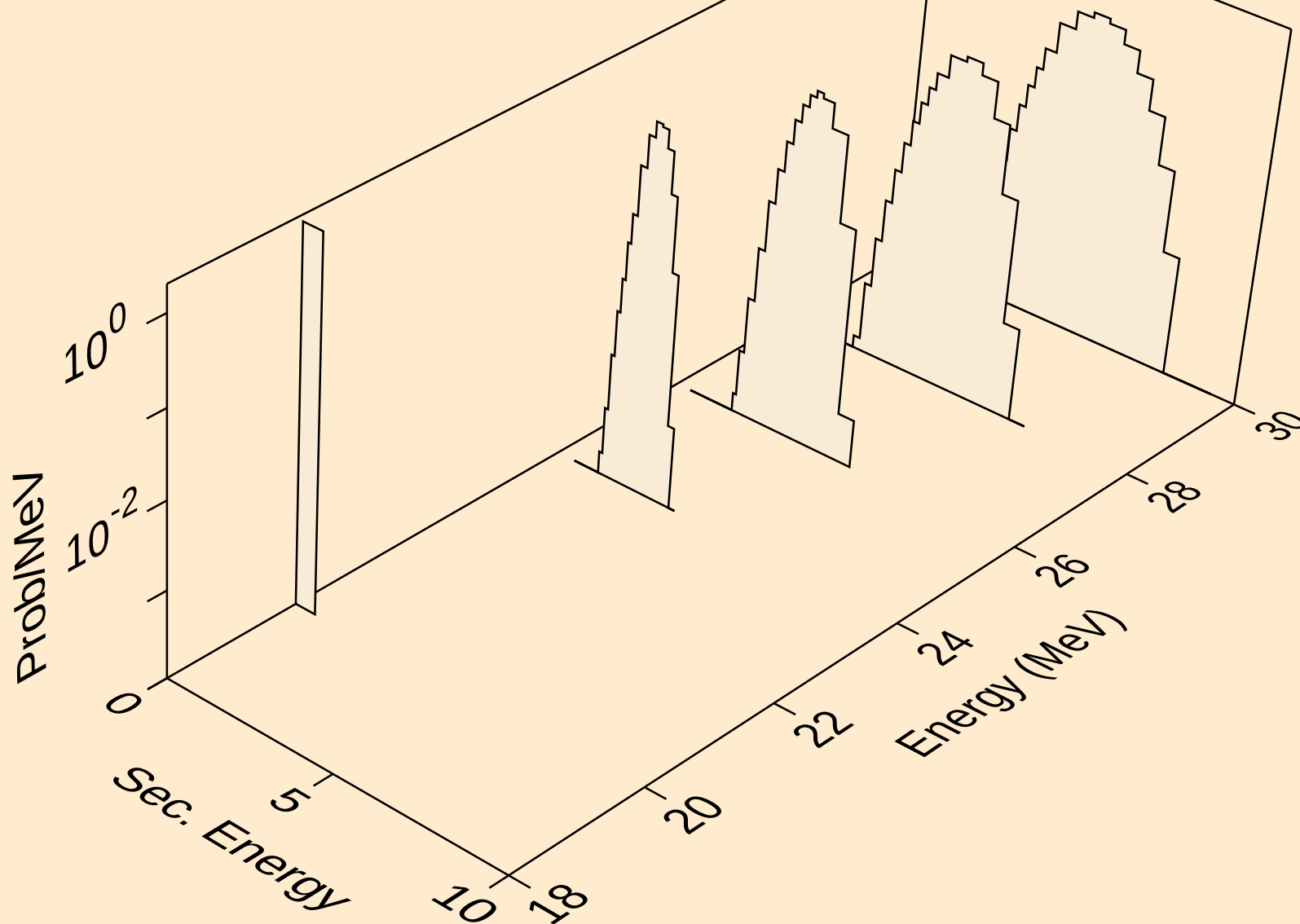
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



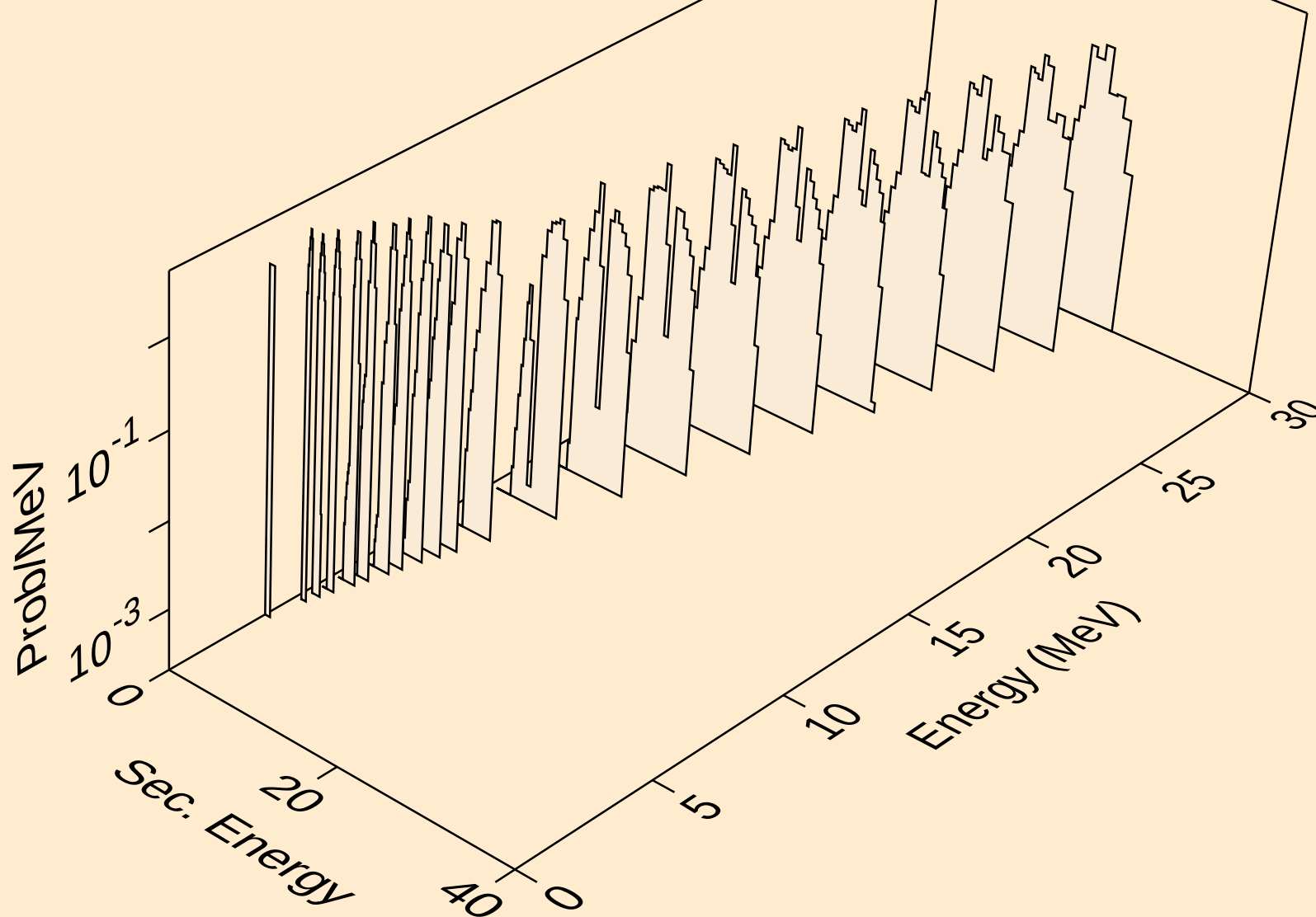
K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)

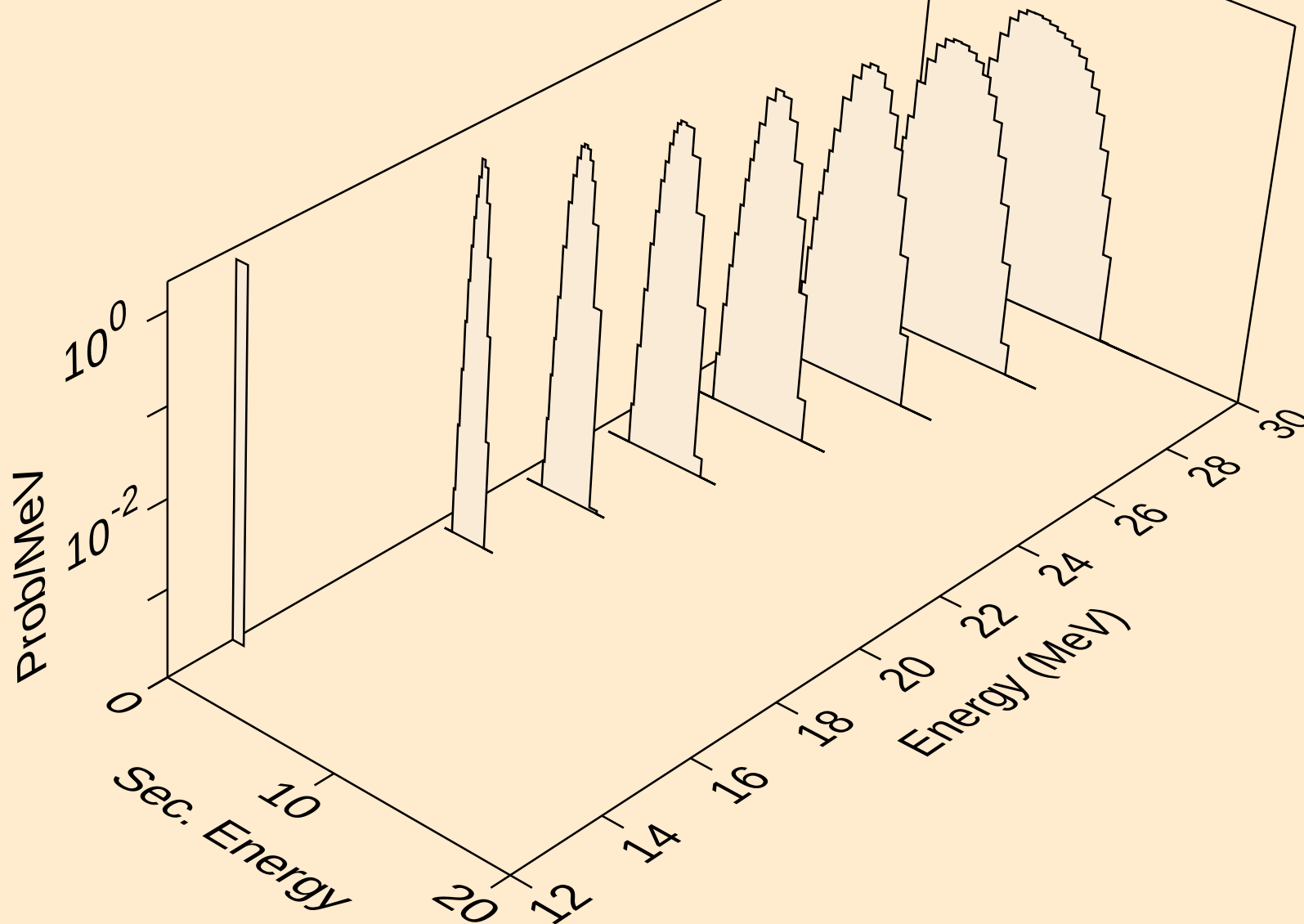


K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)

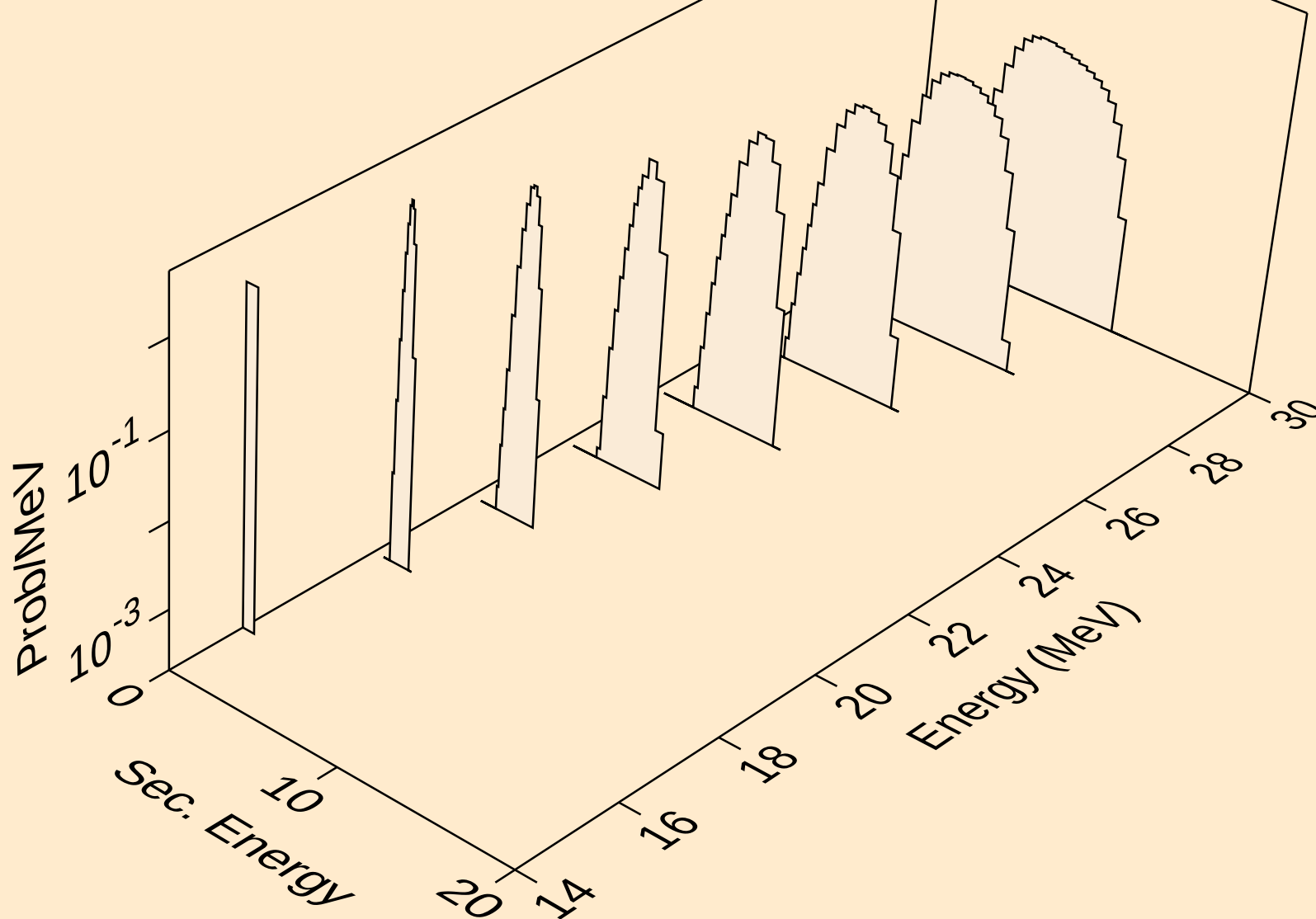




K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,p)



K043 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,da)

