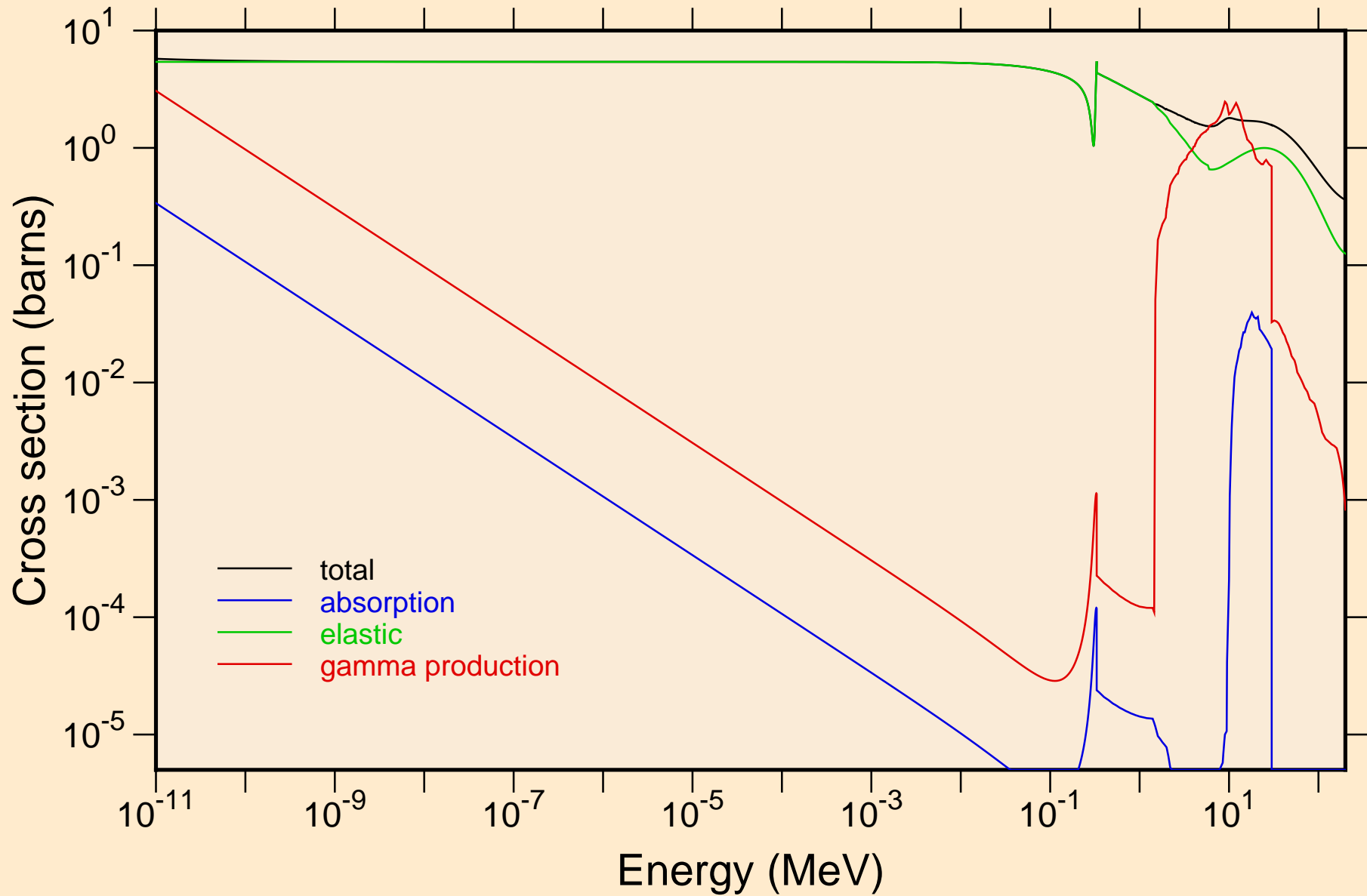


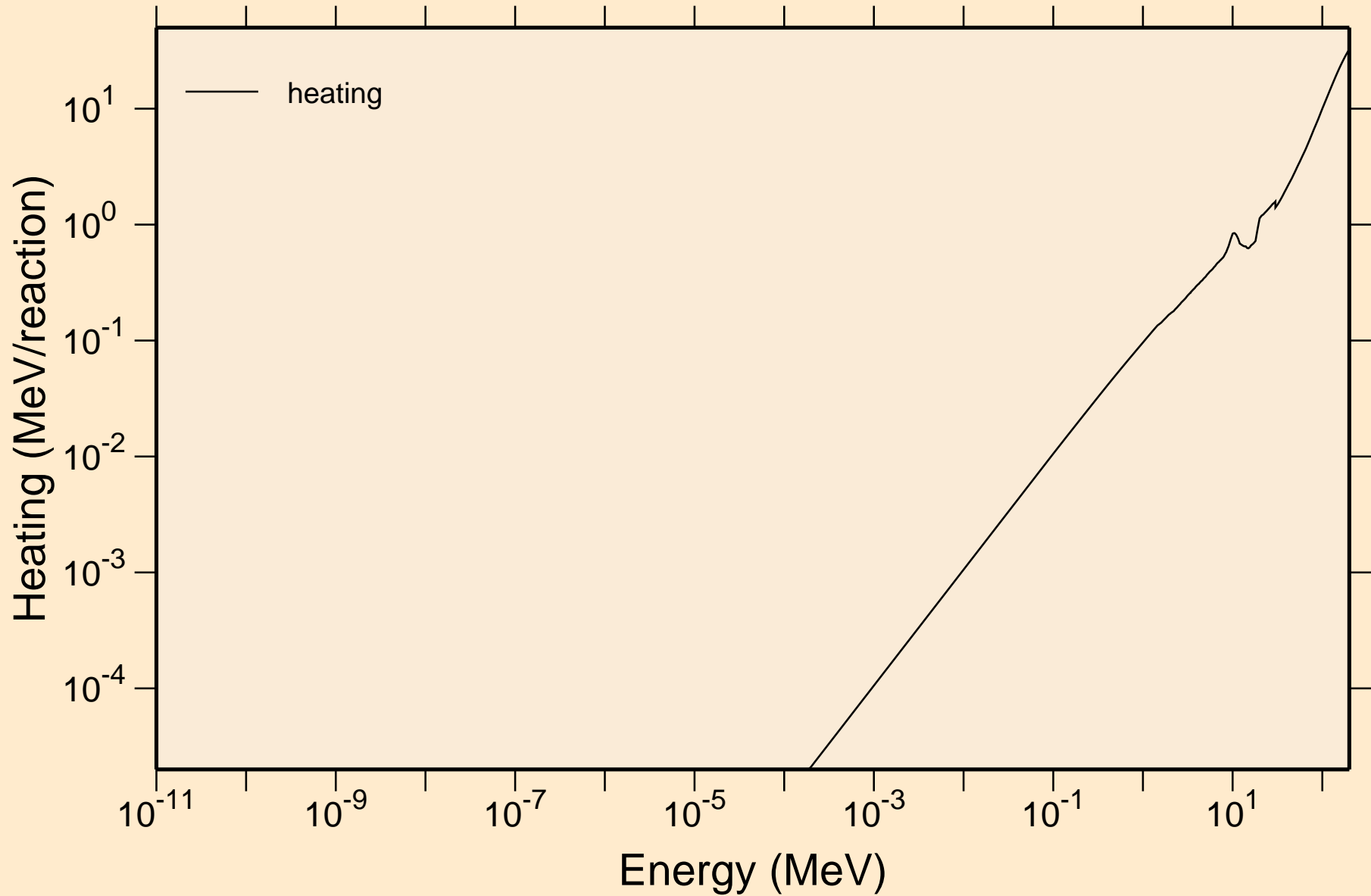
# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



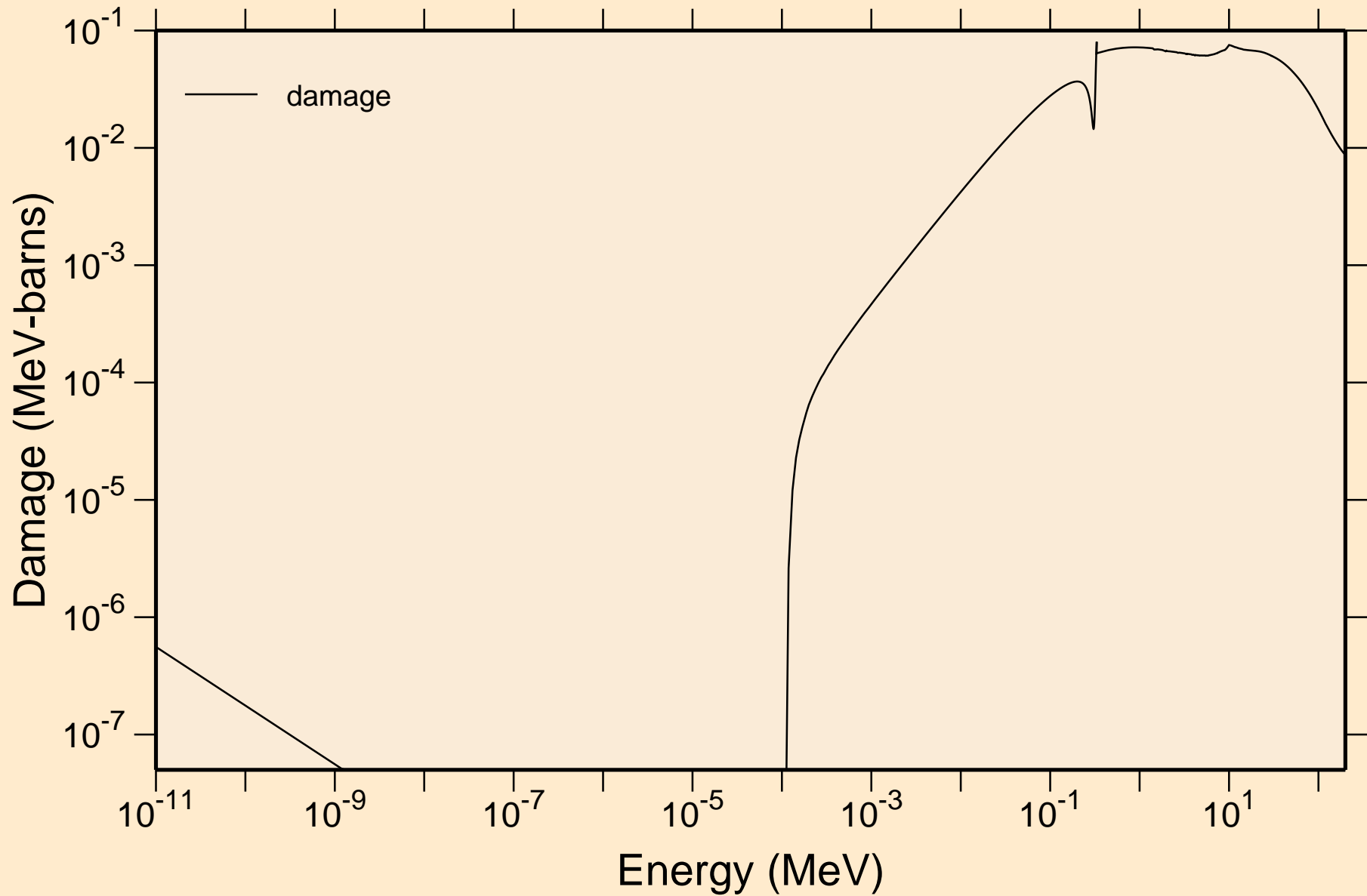
# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

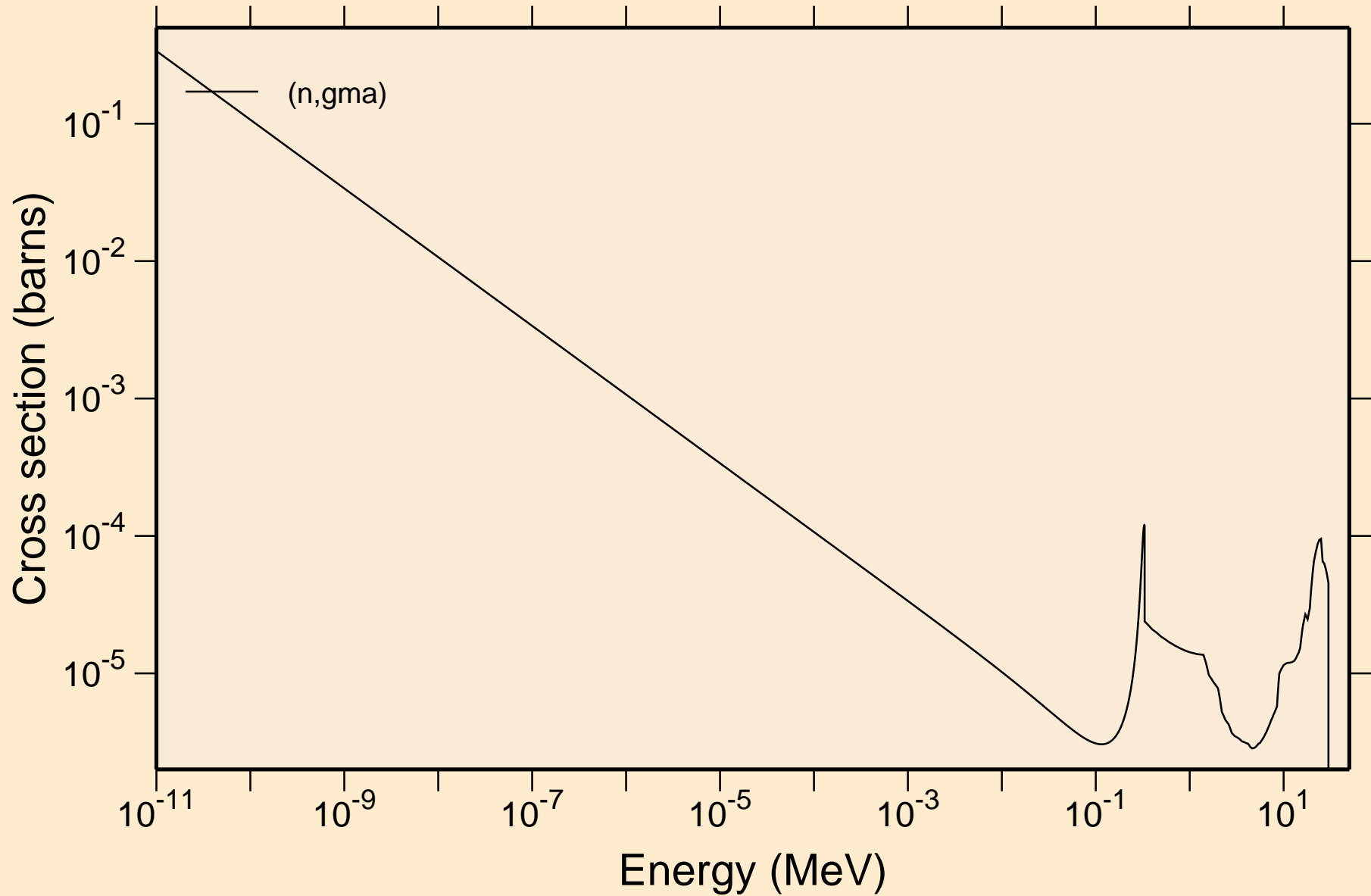


# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

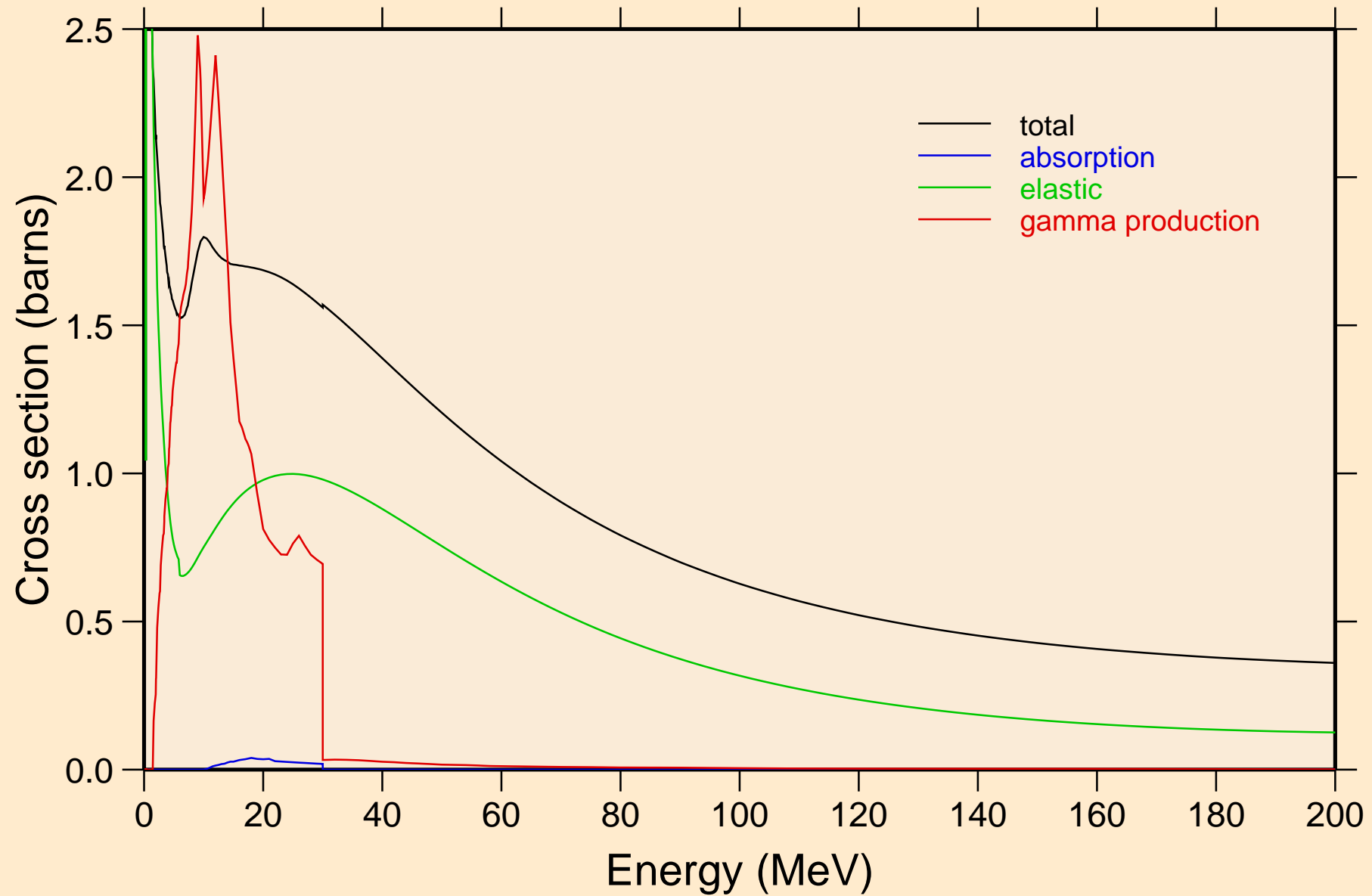


N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



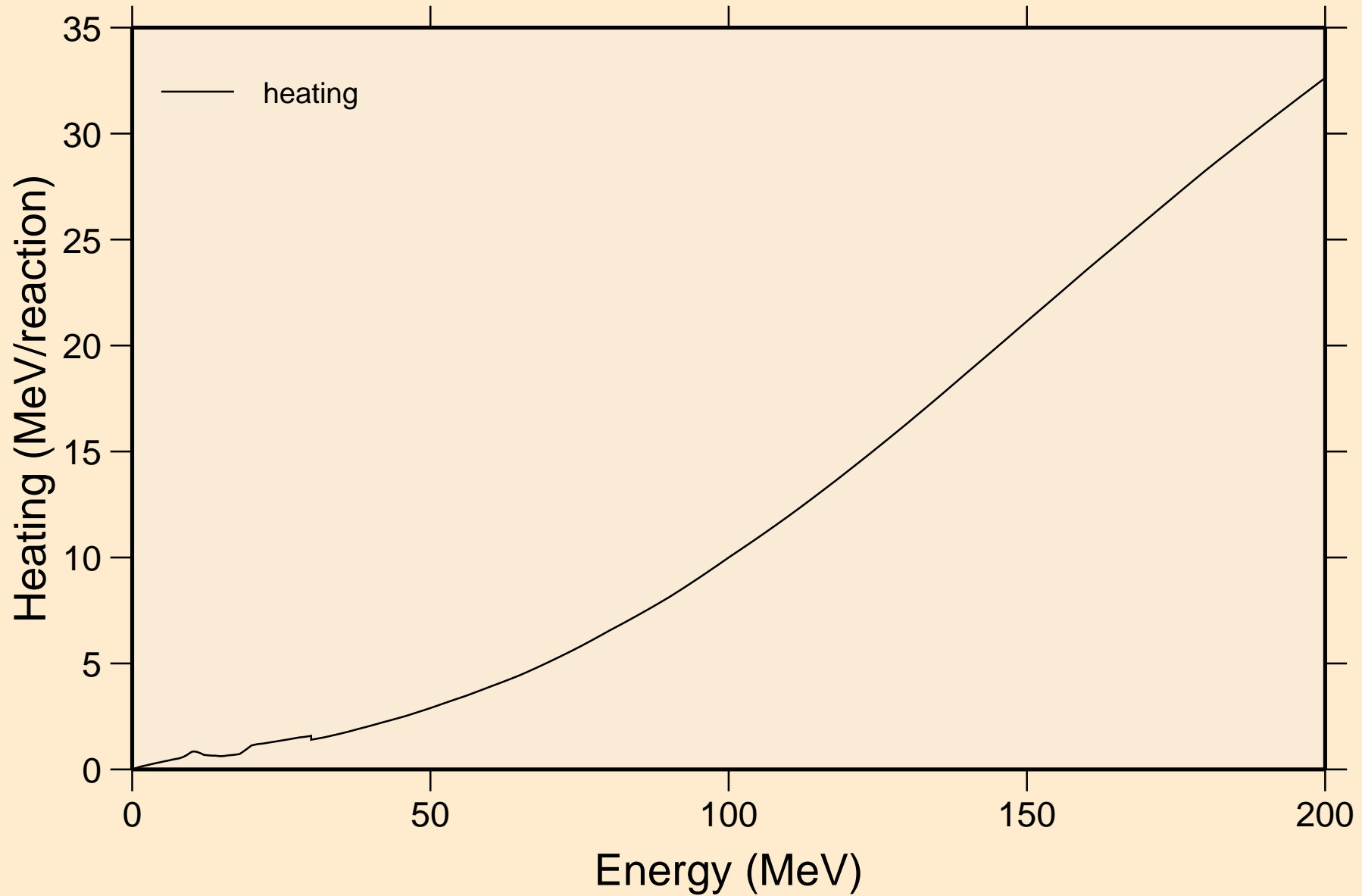
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## Principal cross sections



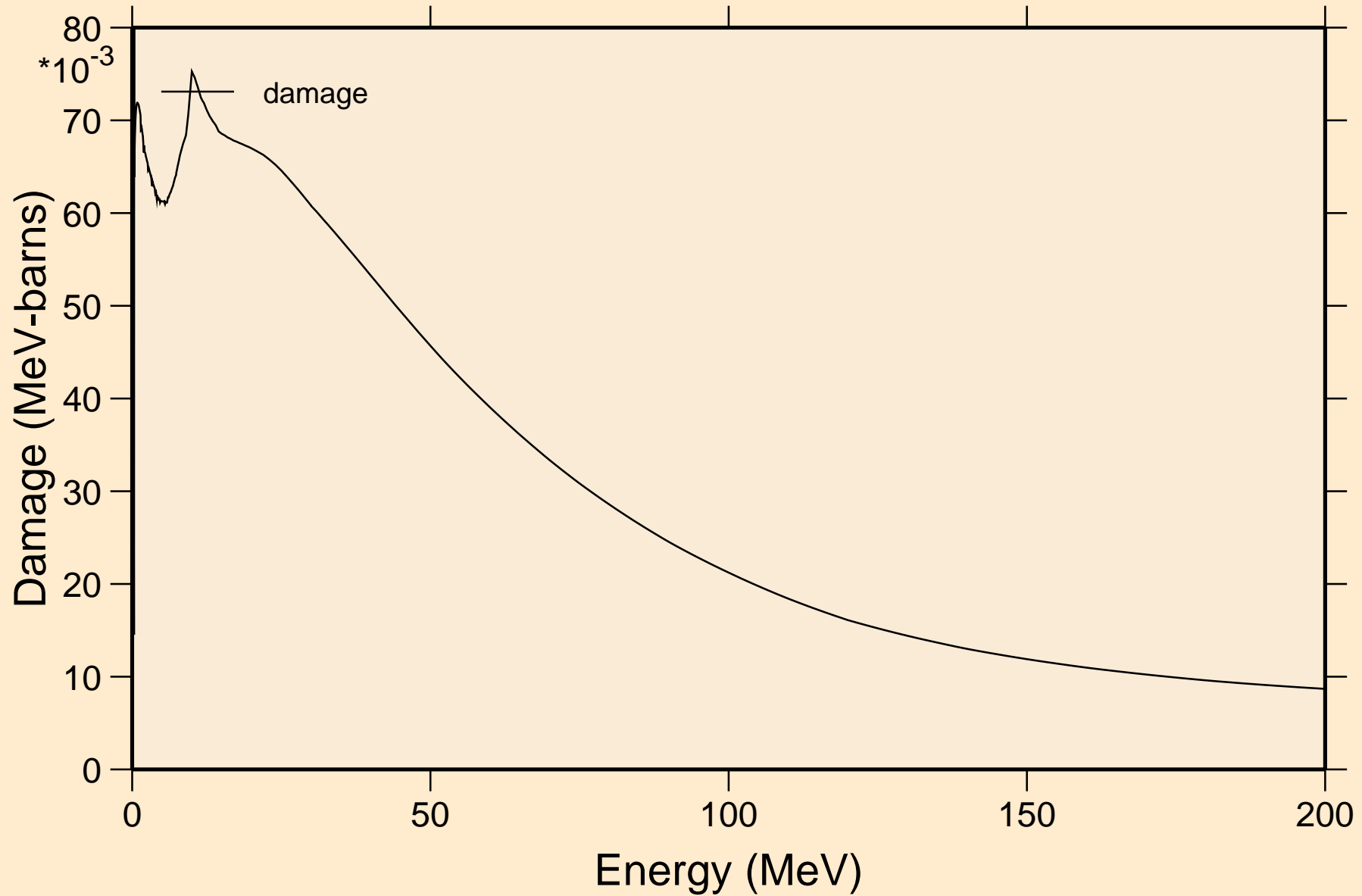
# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

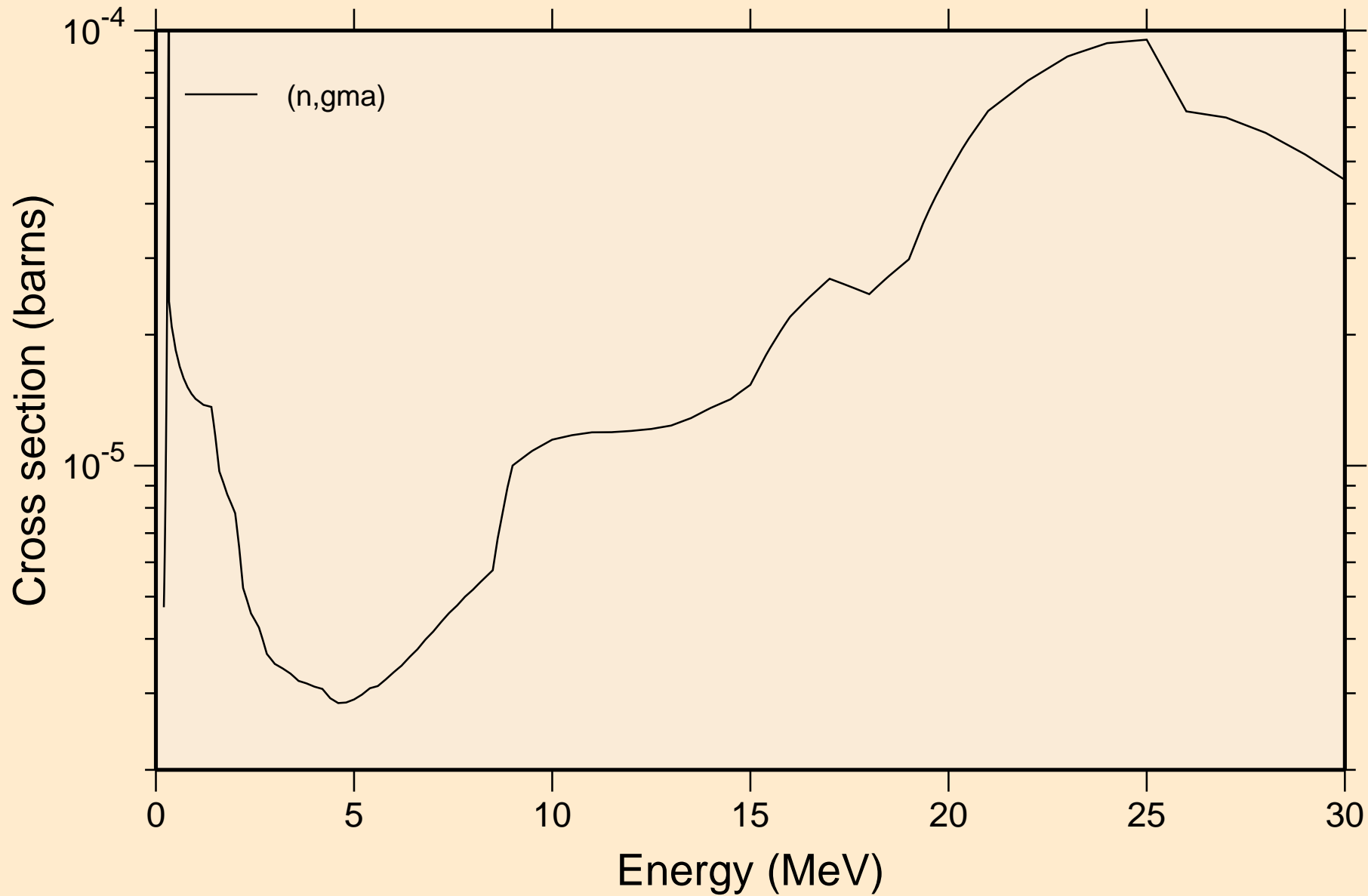


# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



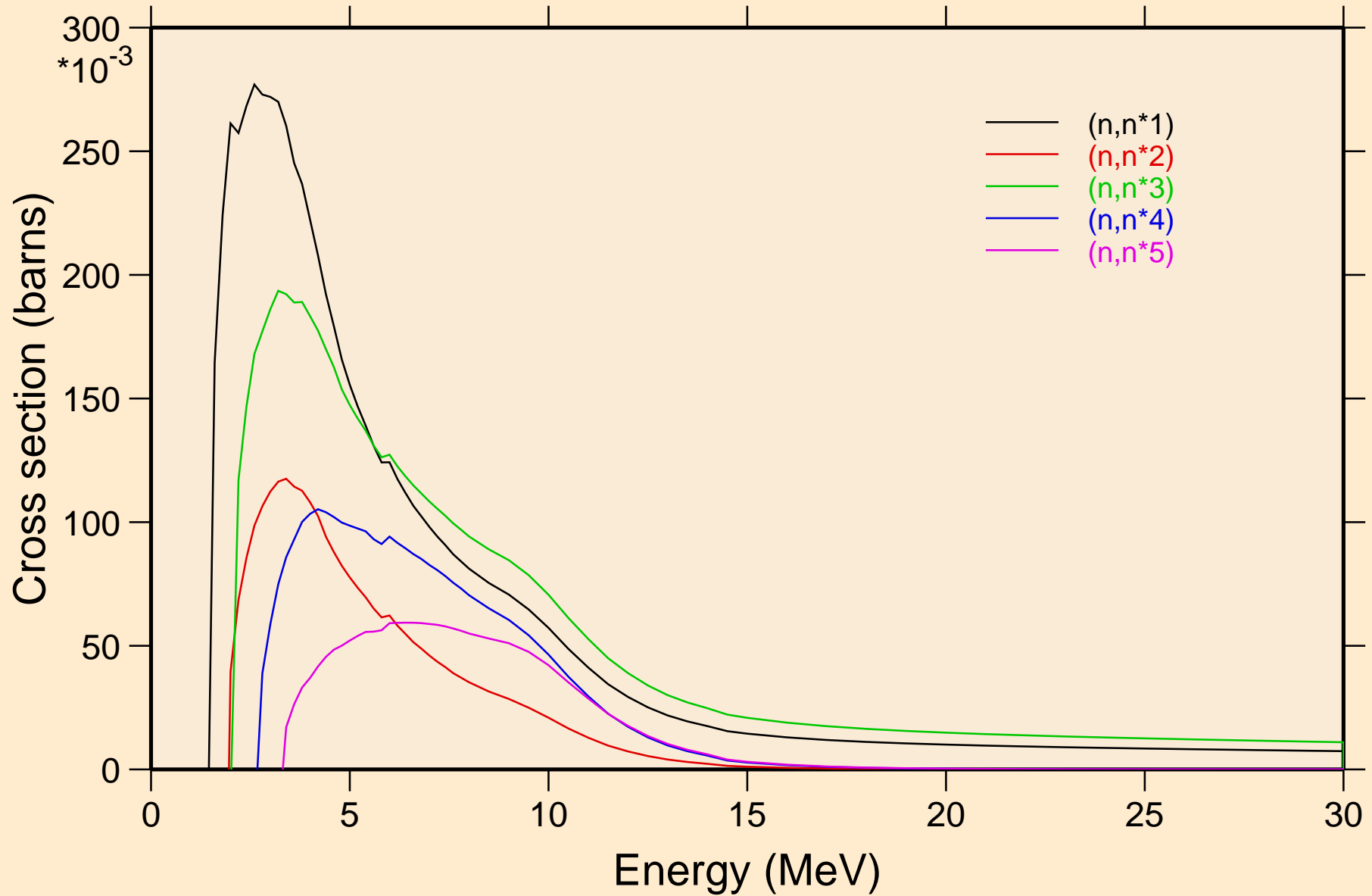
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Non-threshold reactions



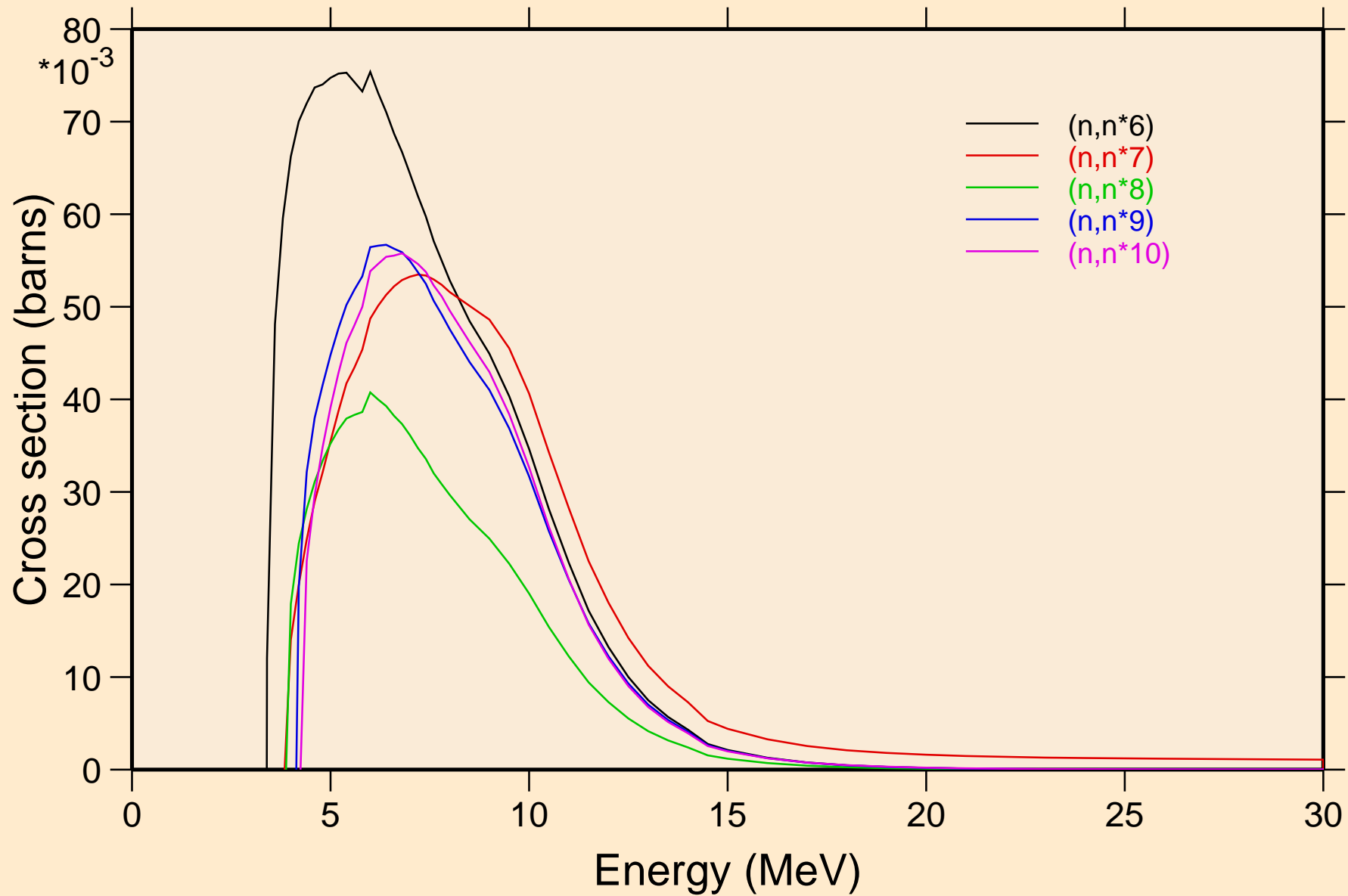


# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

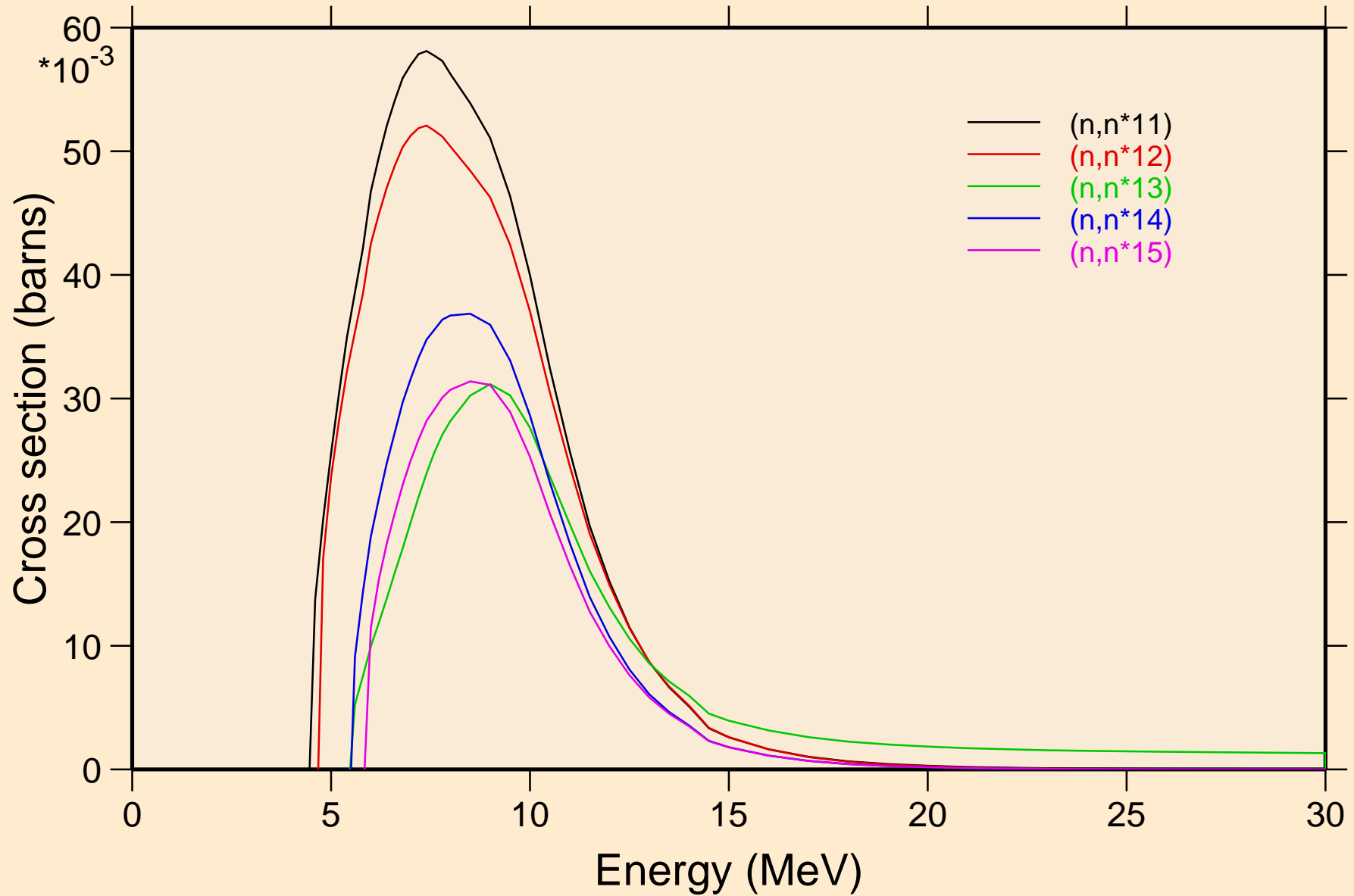


N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



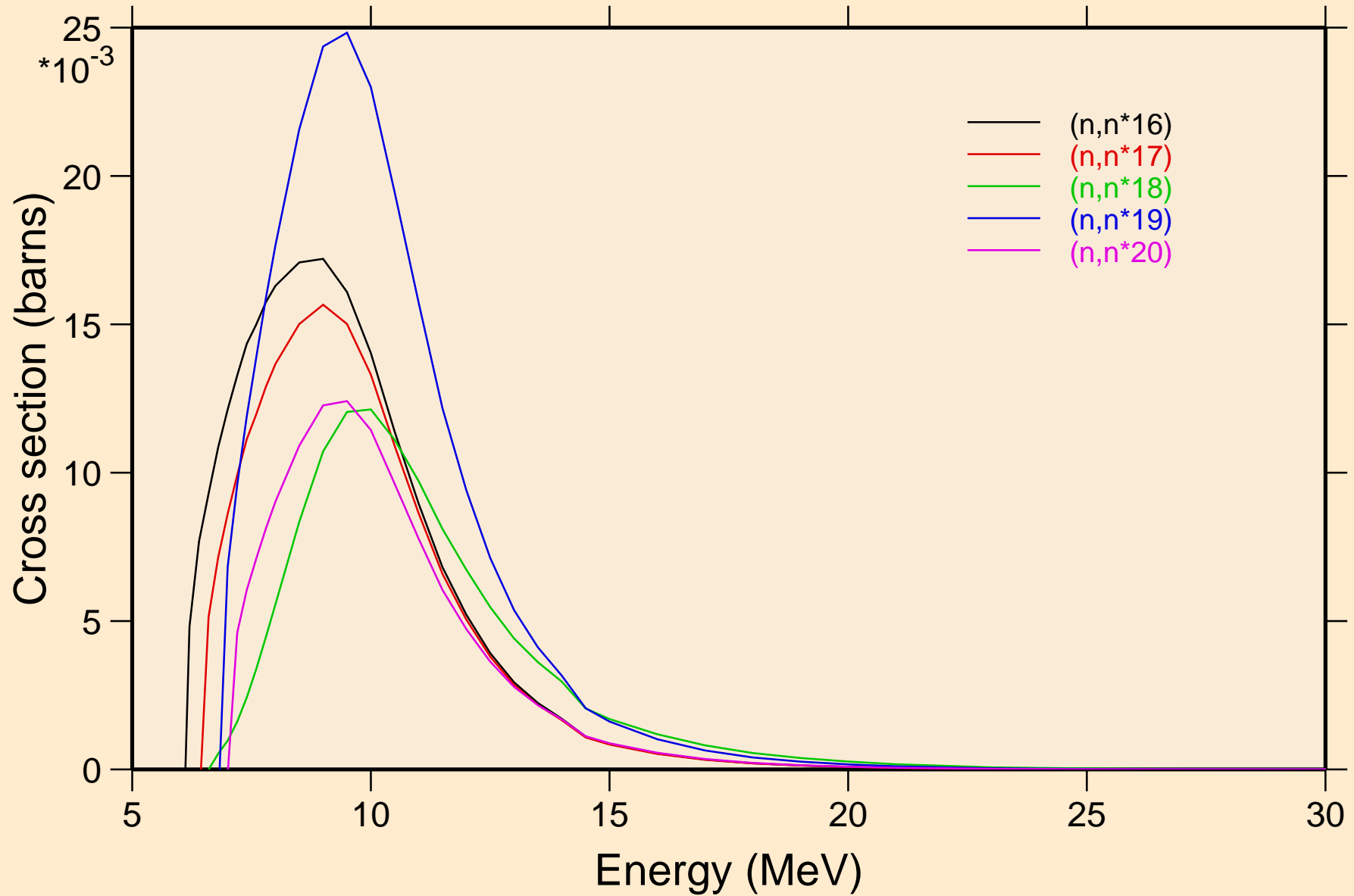
# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

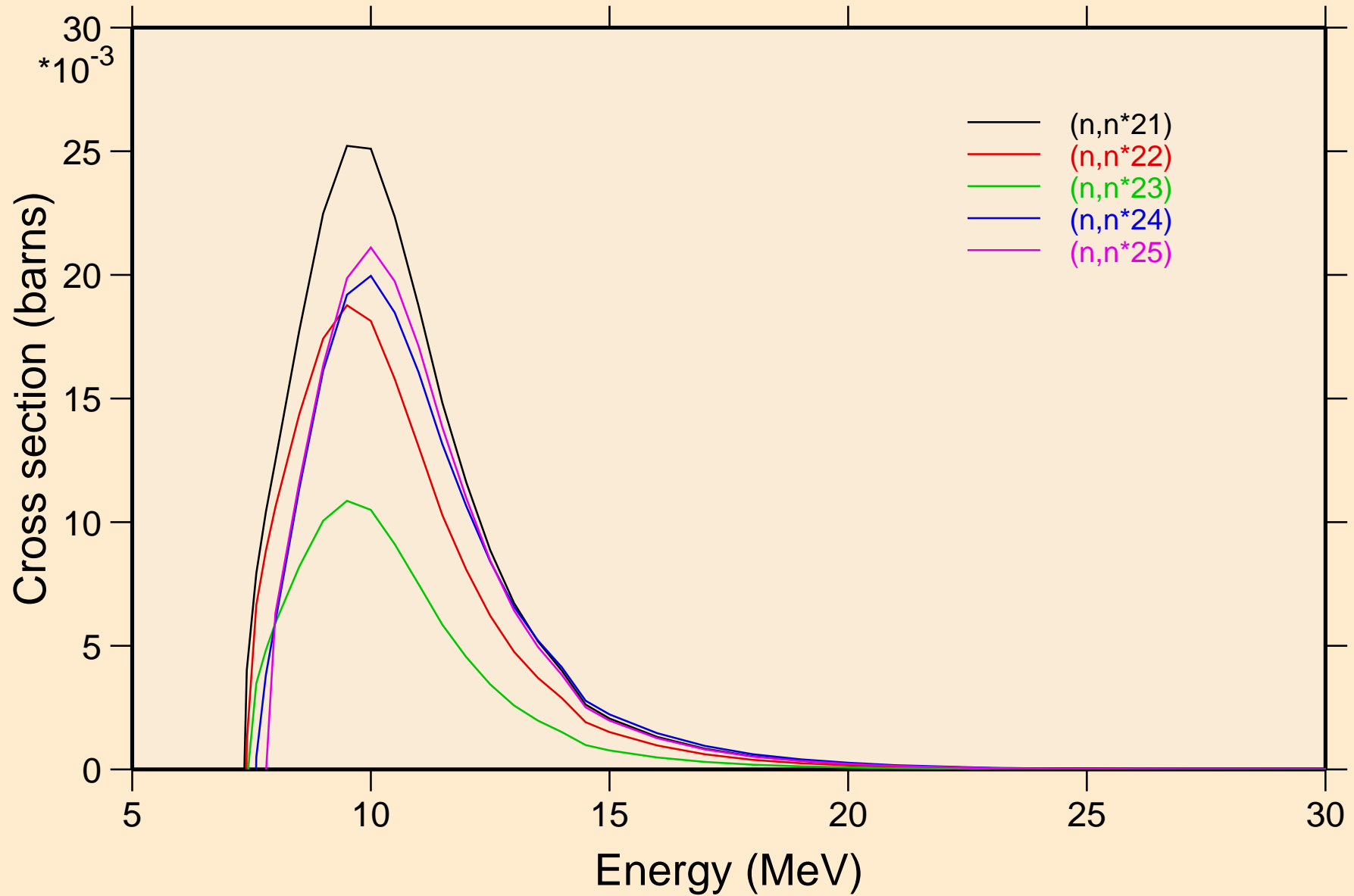


# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

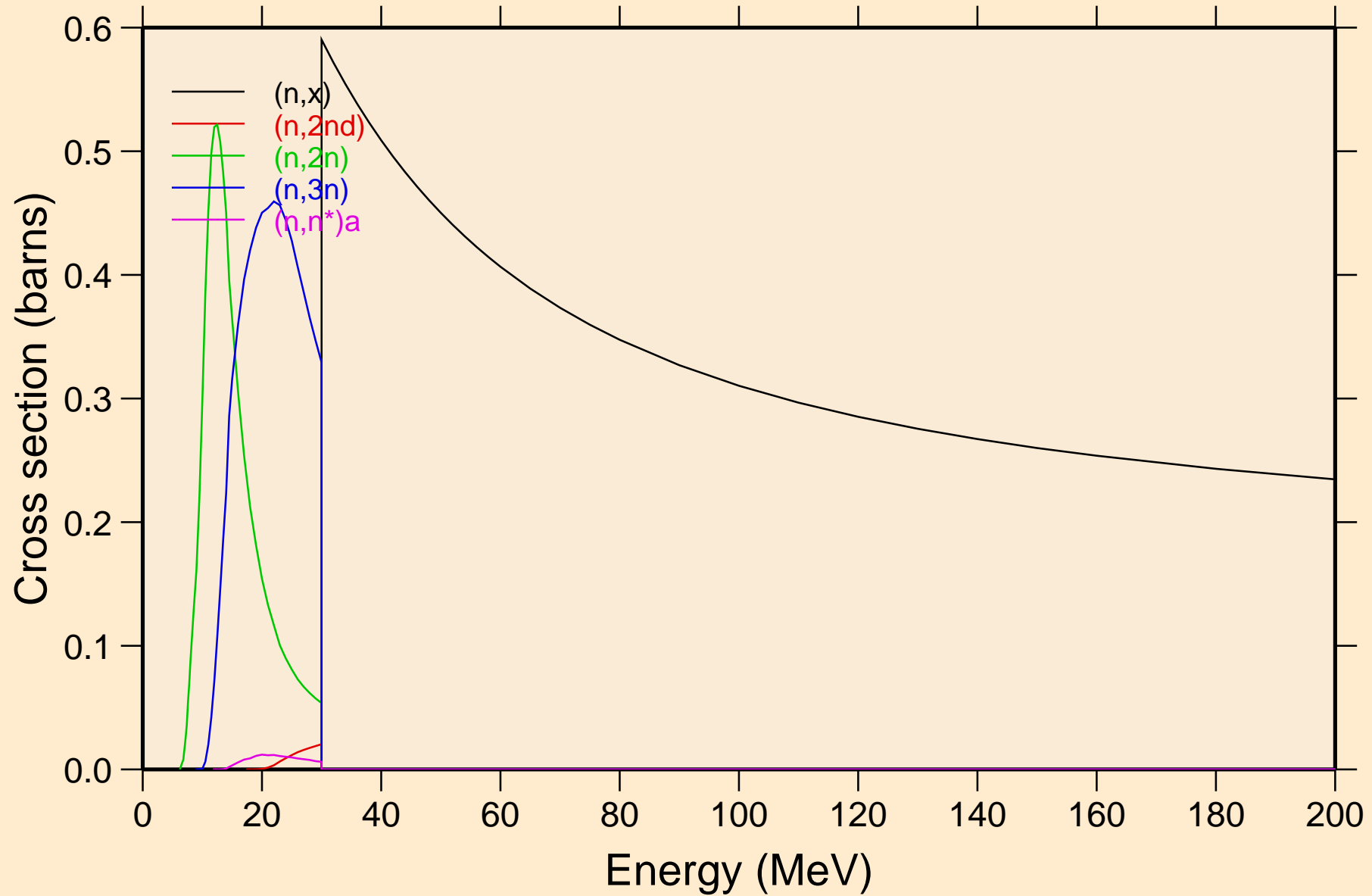


N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



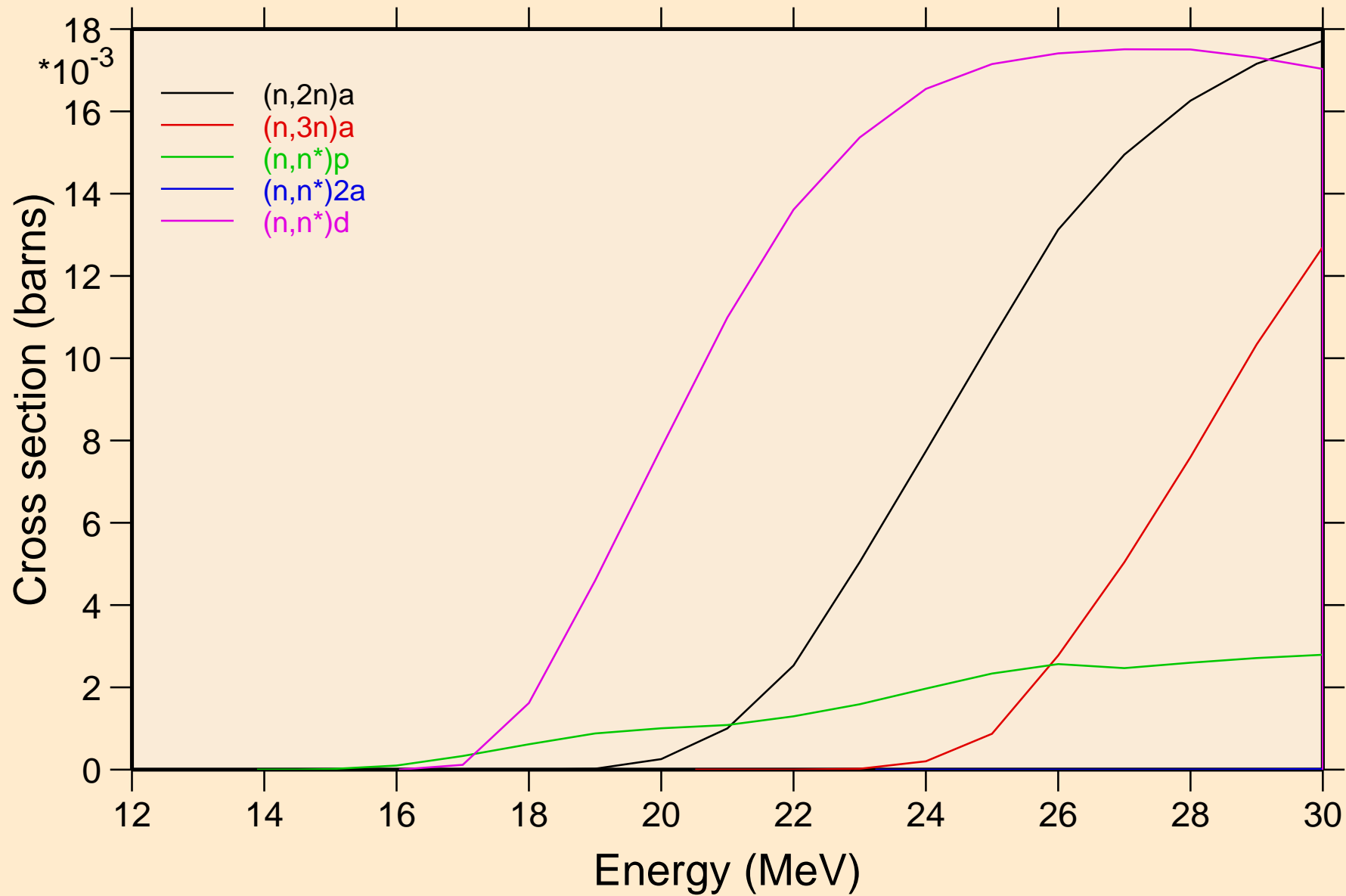
# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



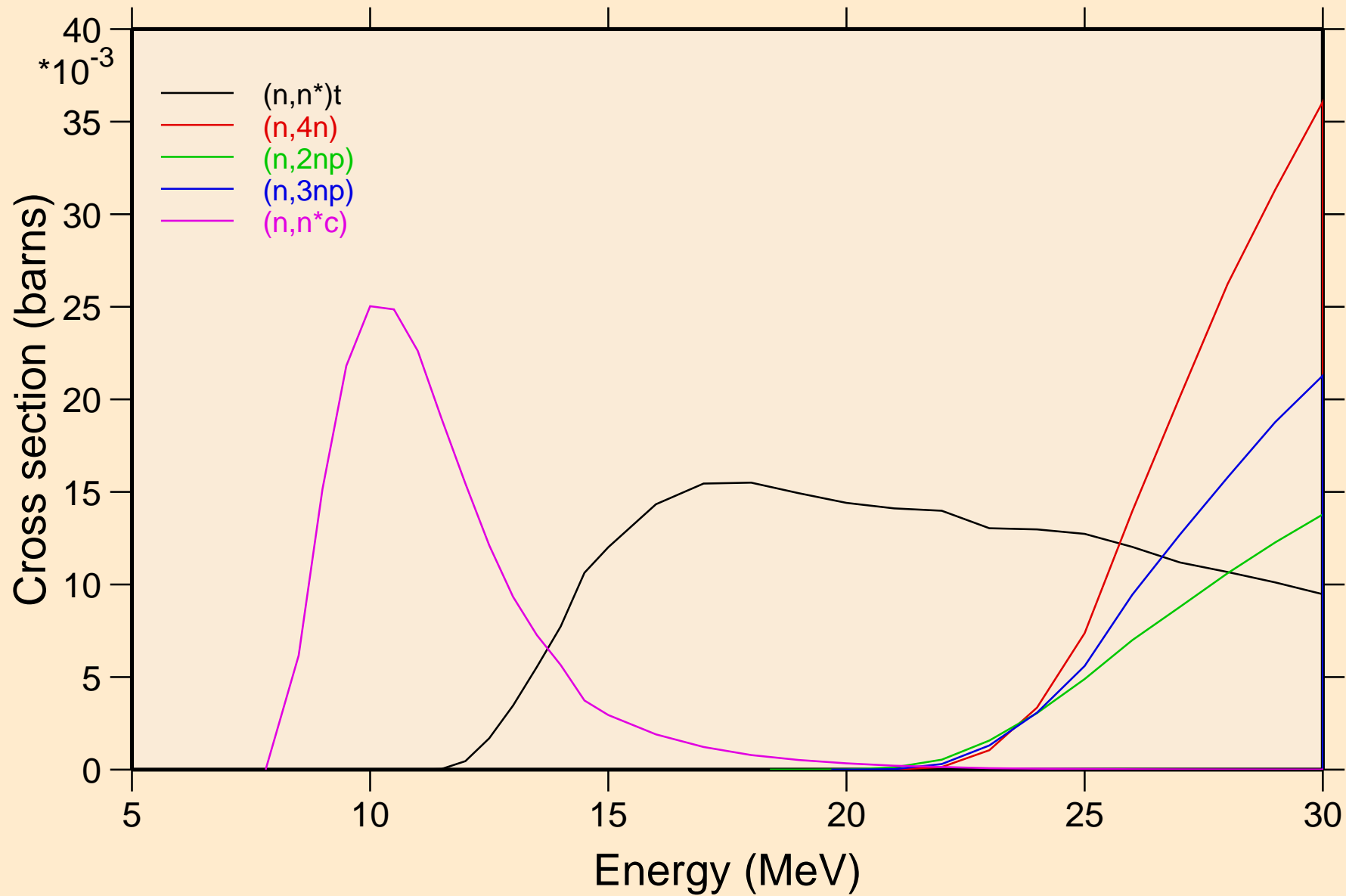
# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

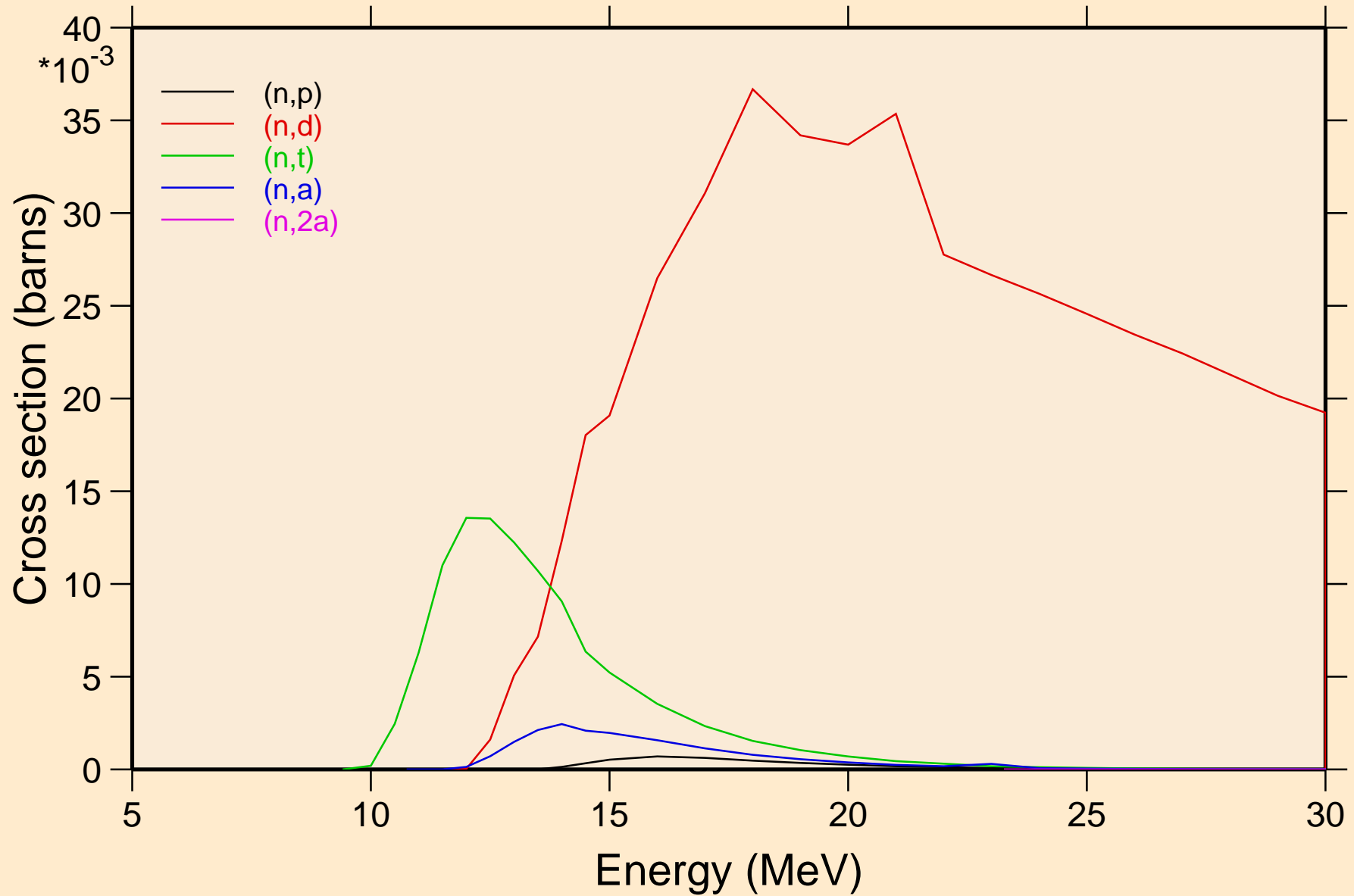
## Threshold reactions



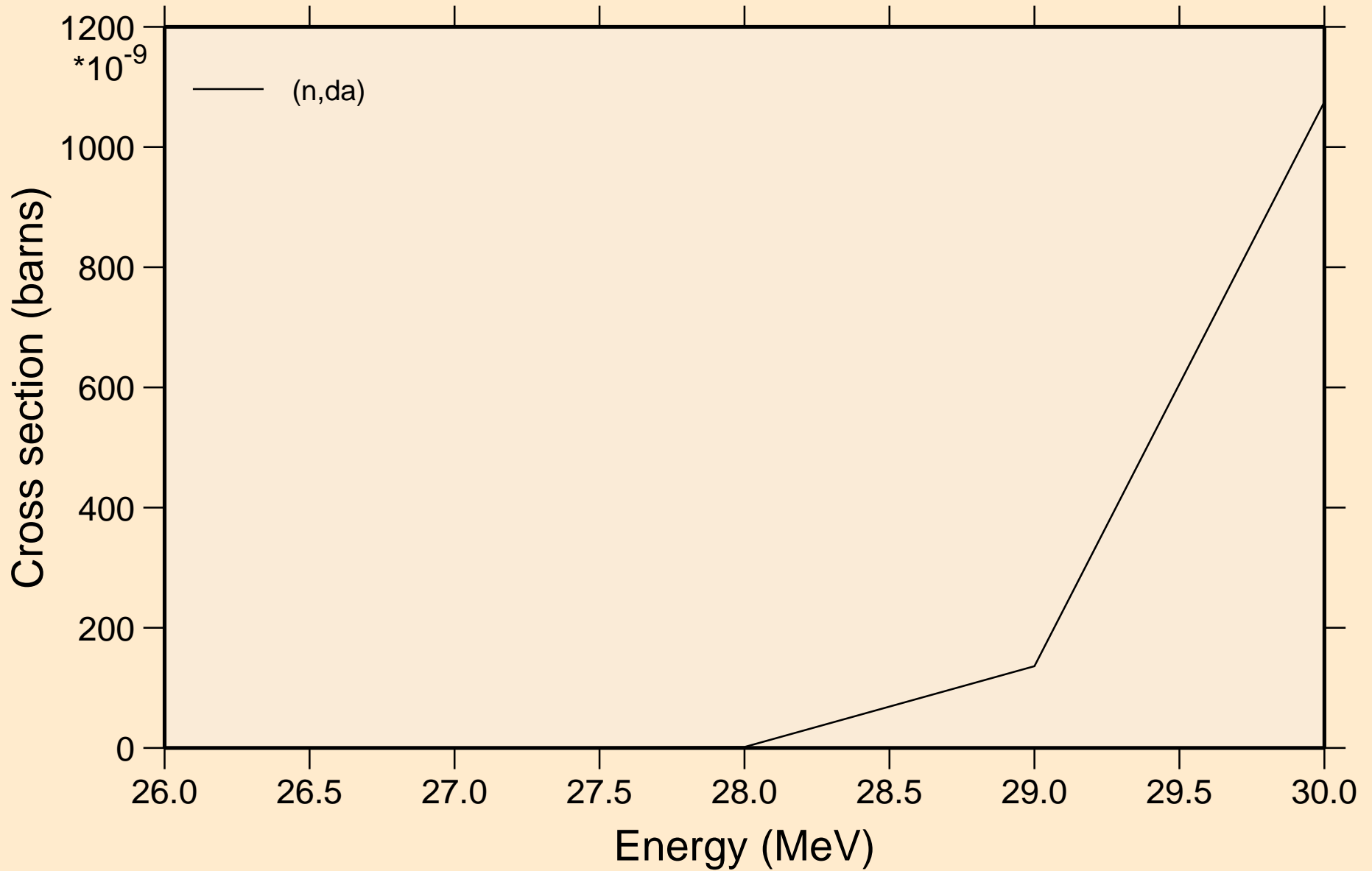


# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

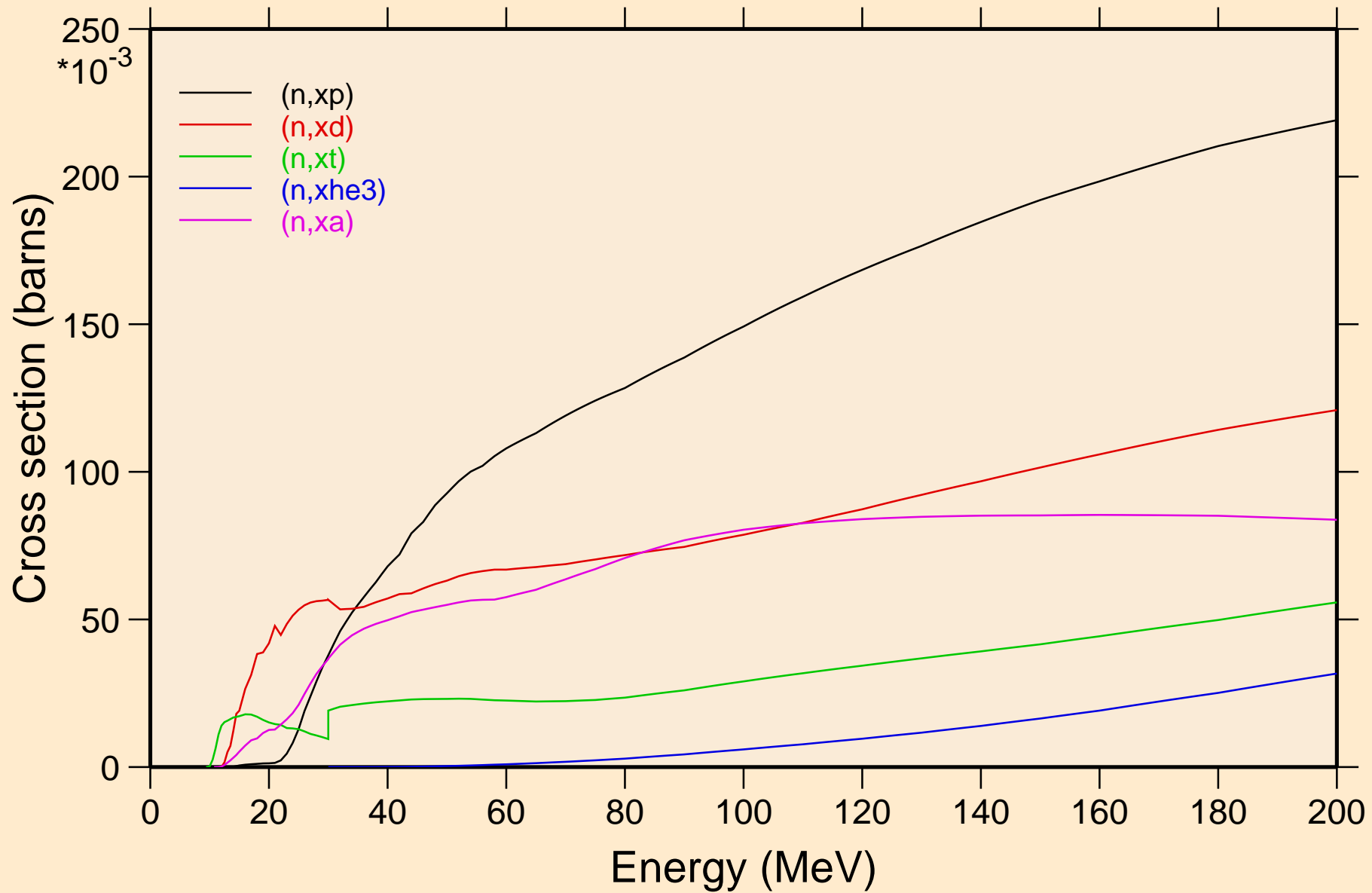


N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

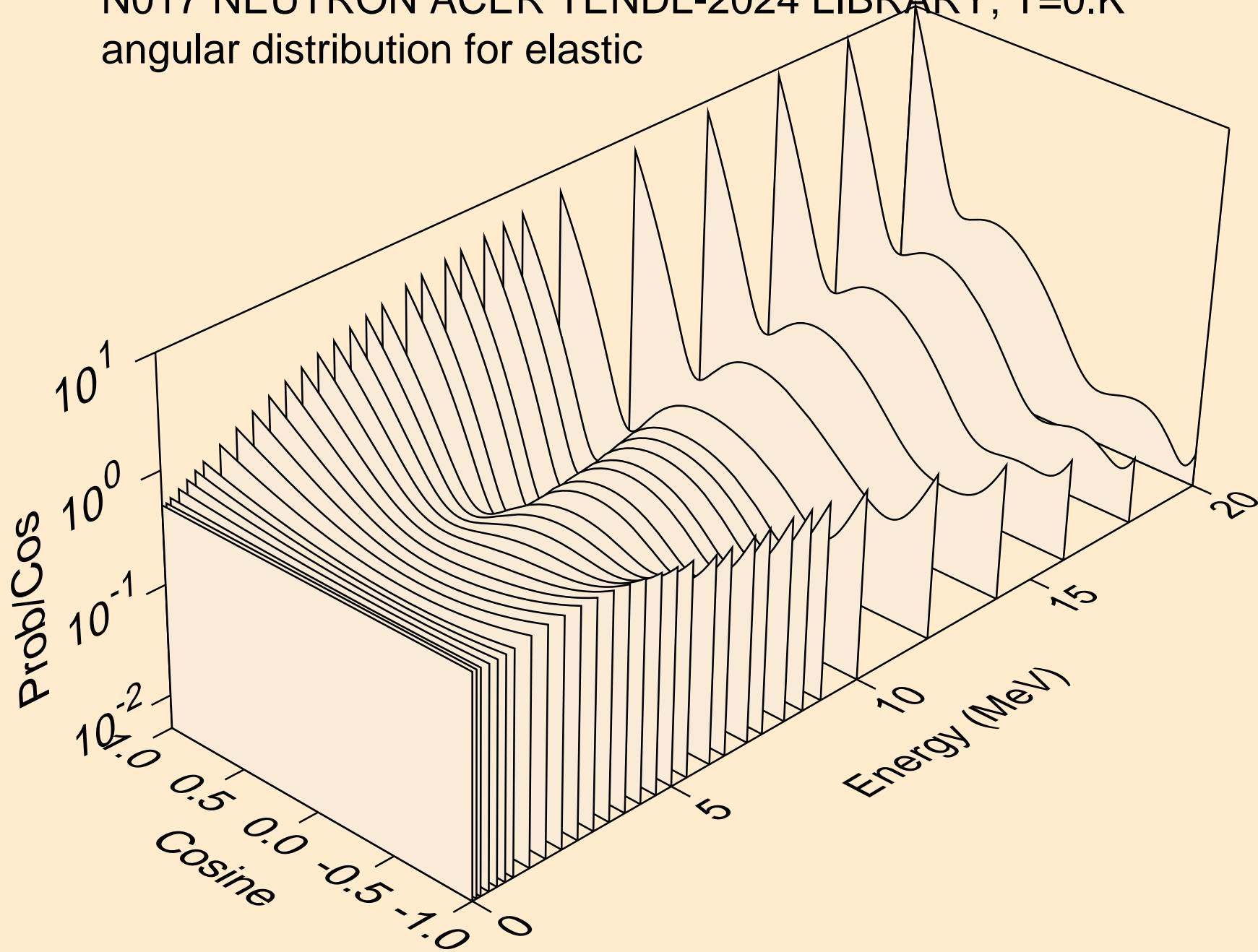


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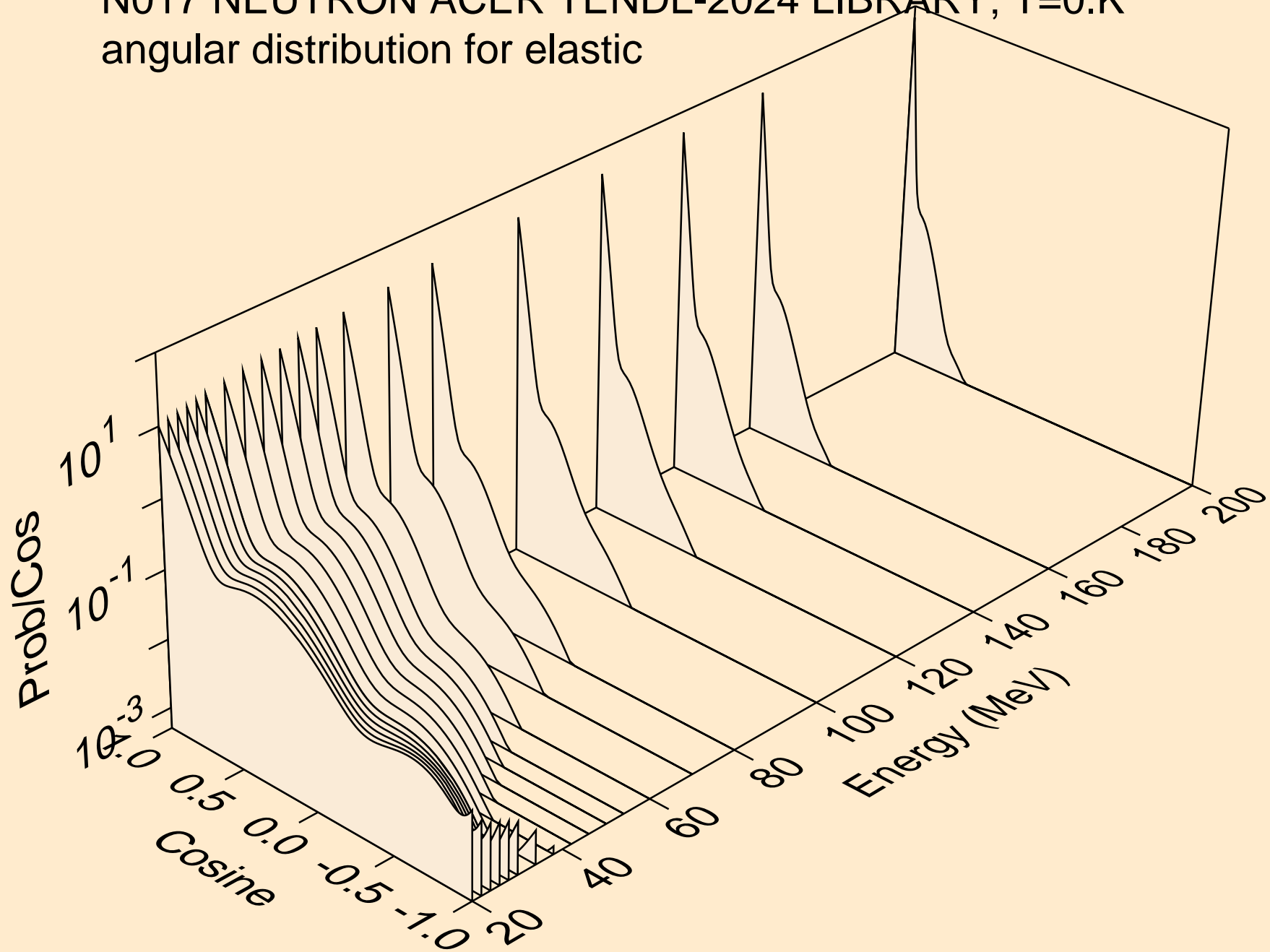
## Threshold reactions



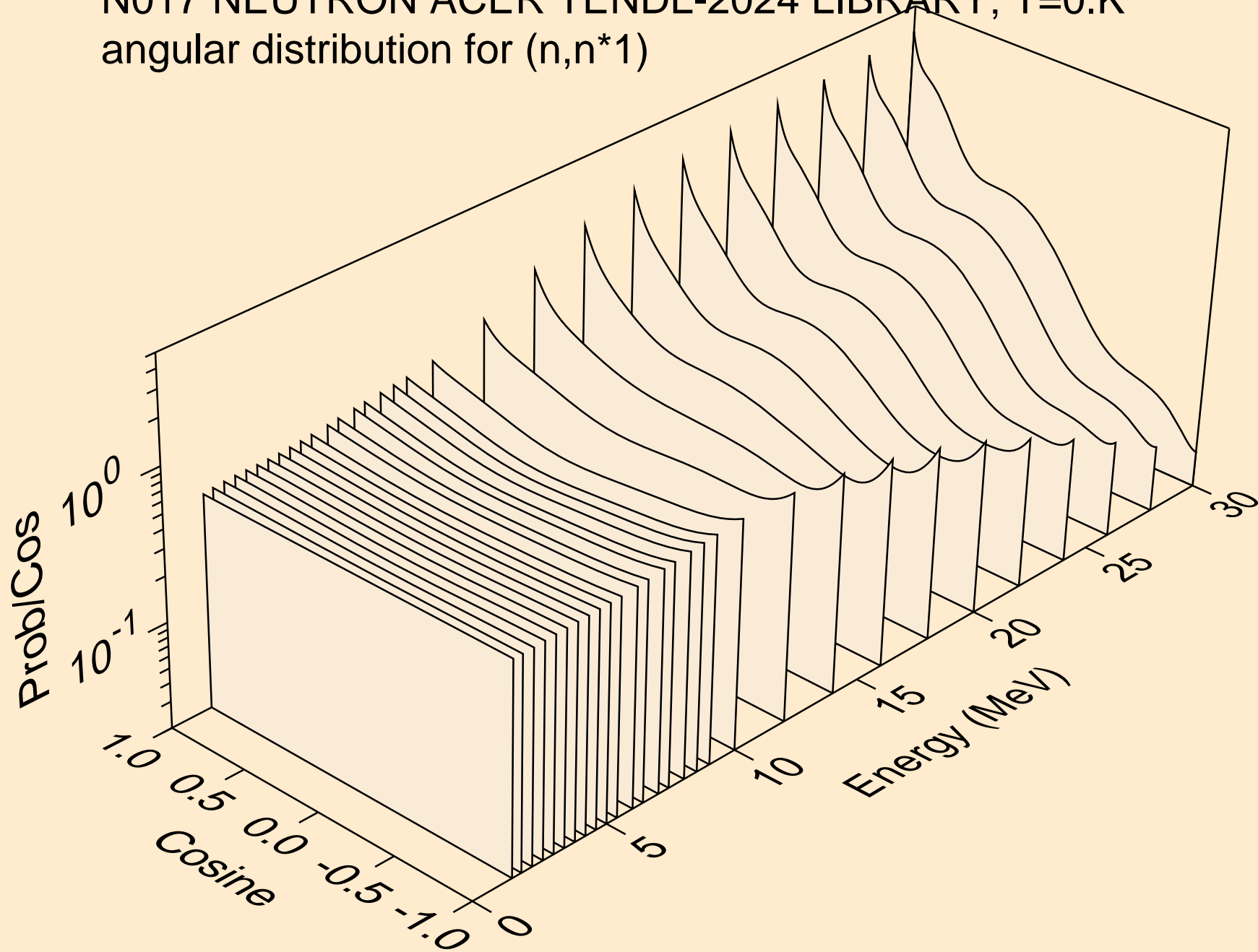
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angular distribution for elastic



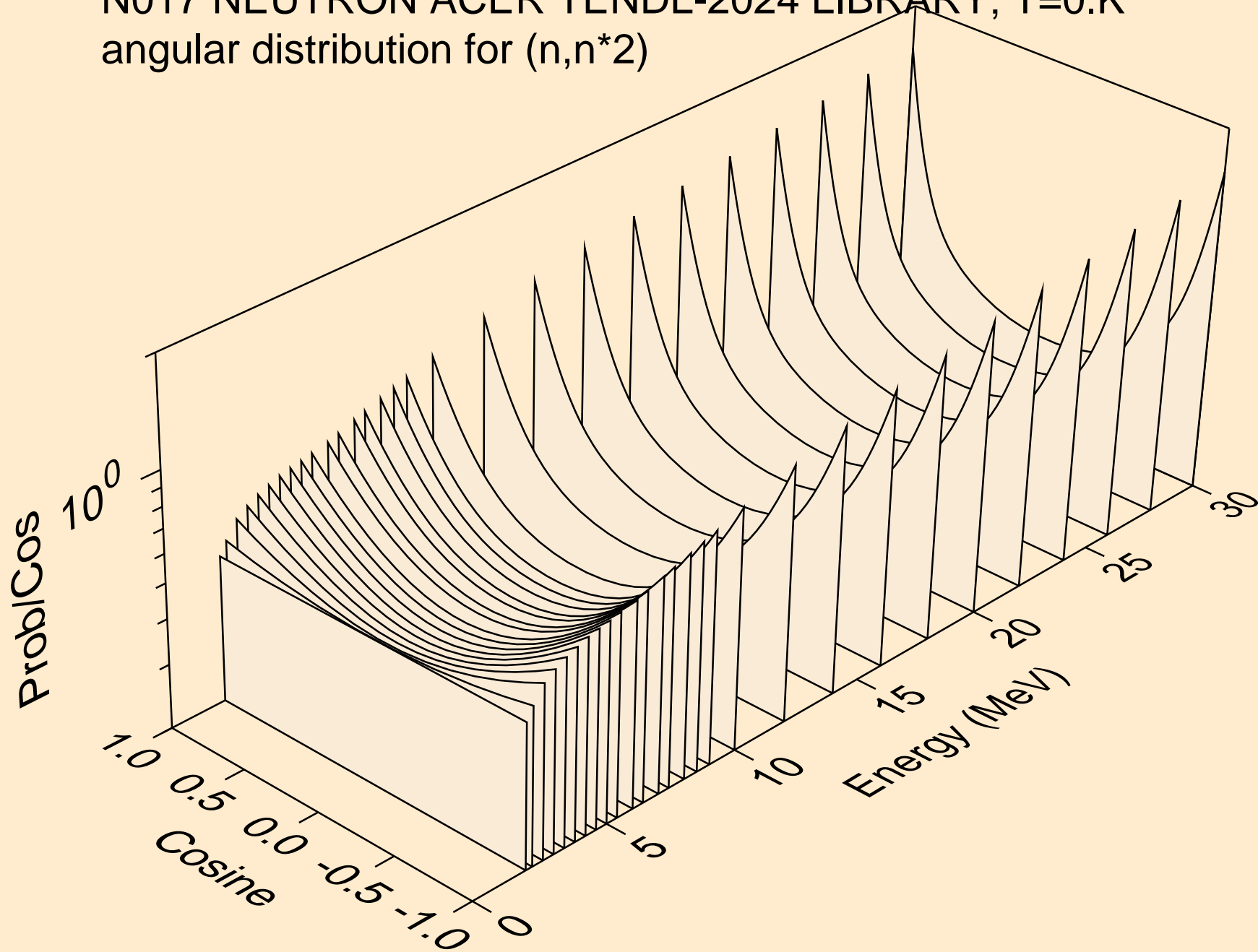
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



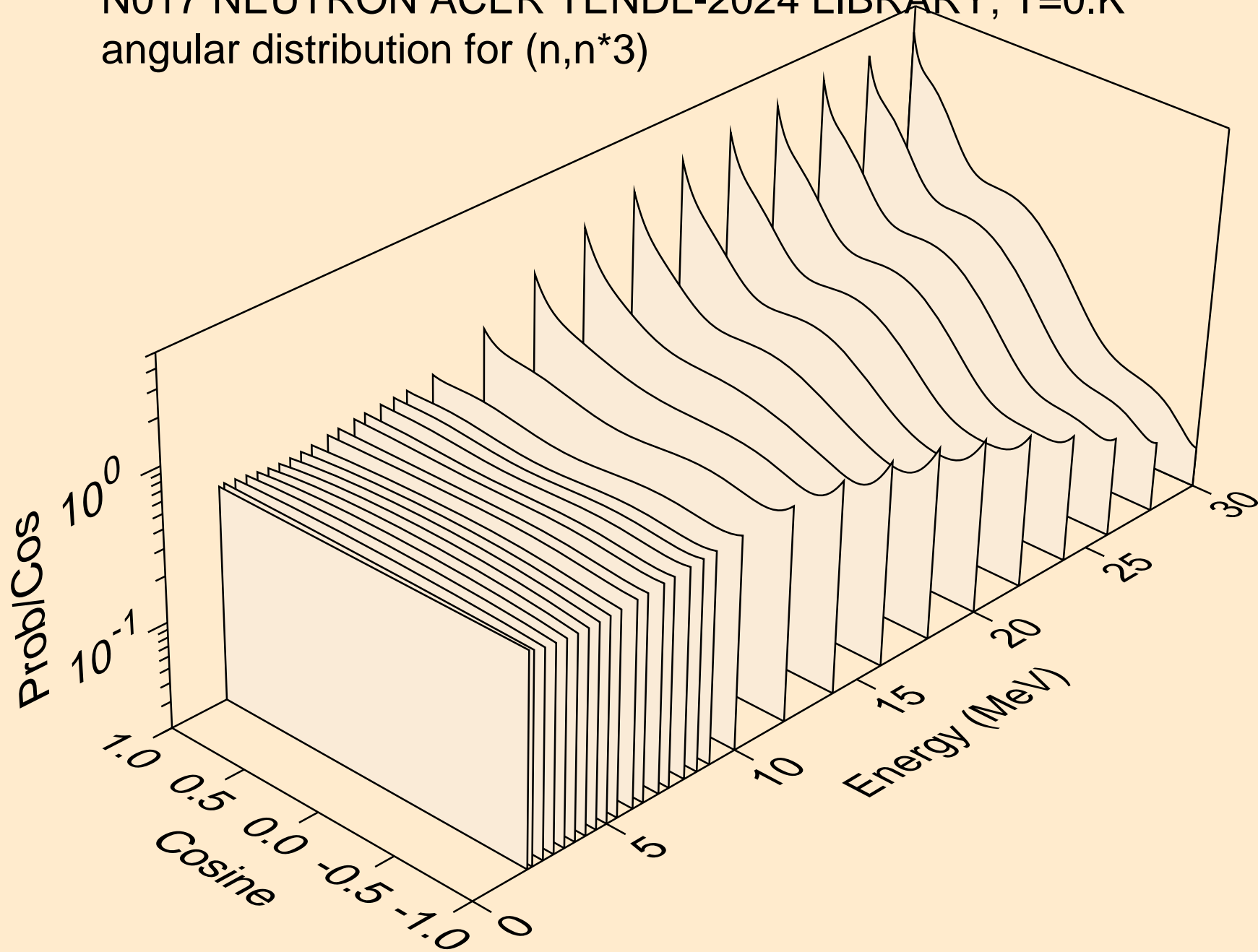
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

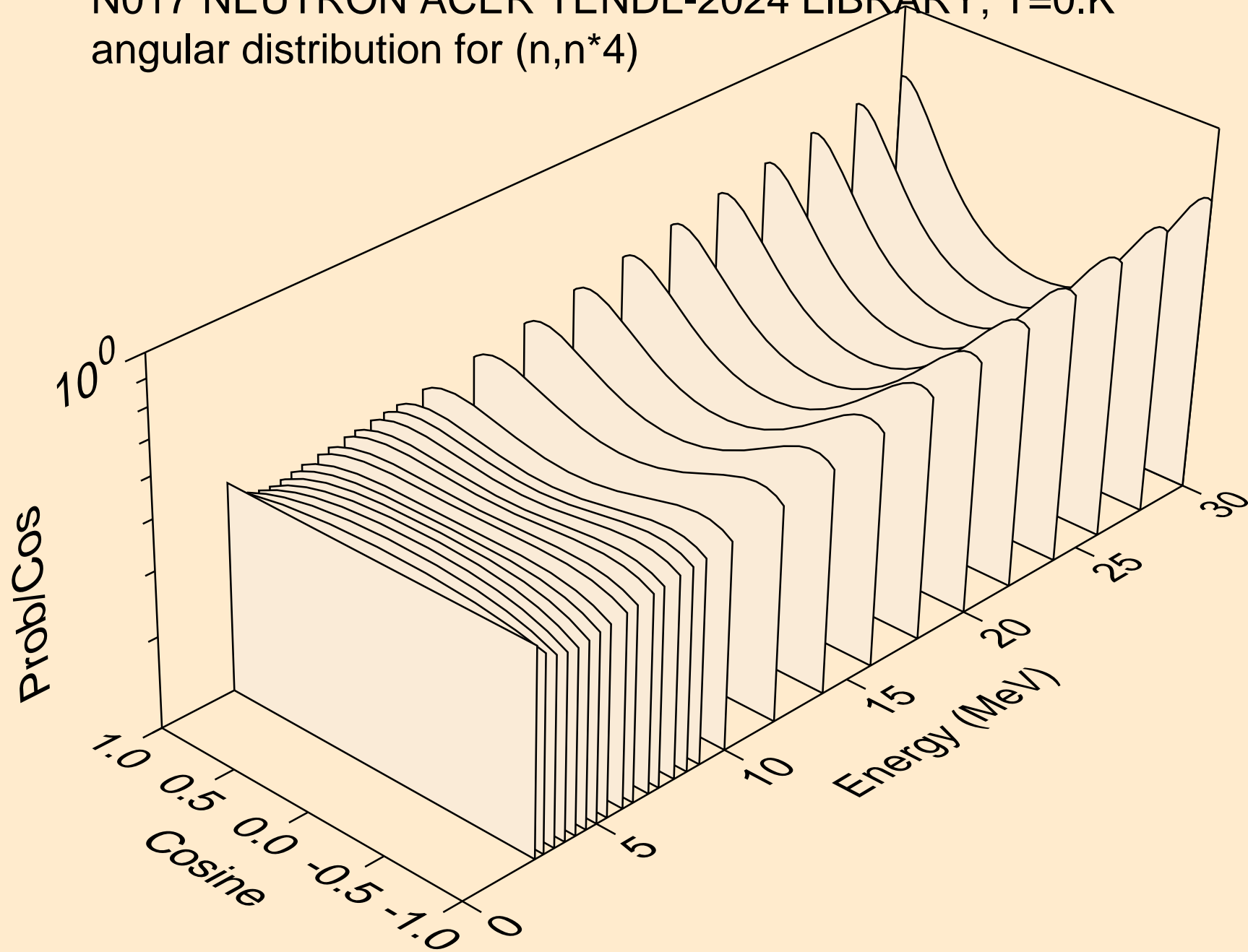


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angular distribution for (n,n\*3)

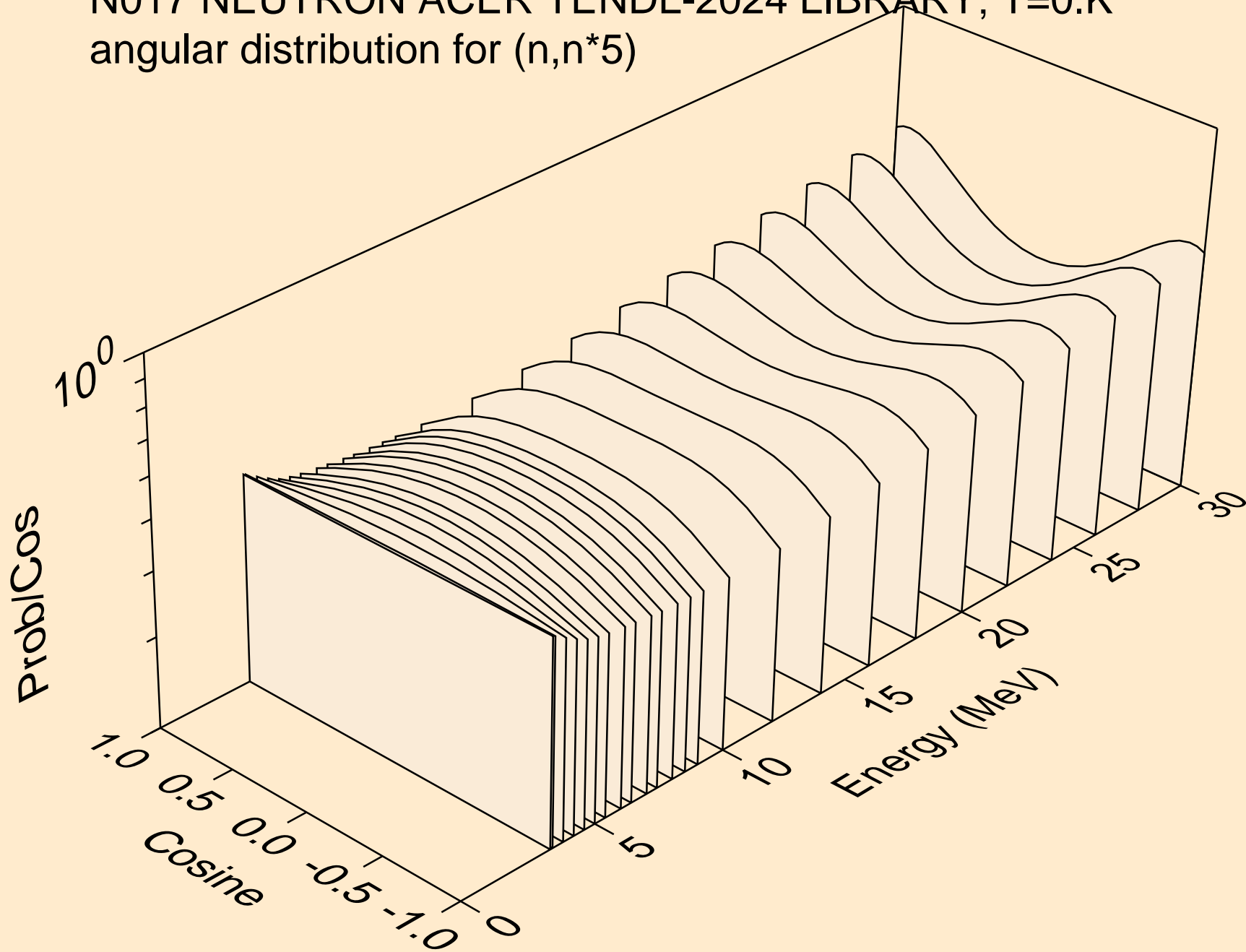




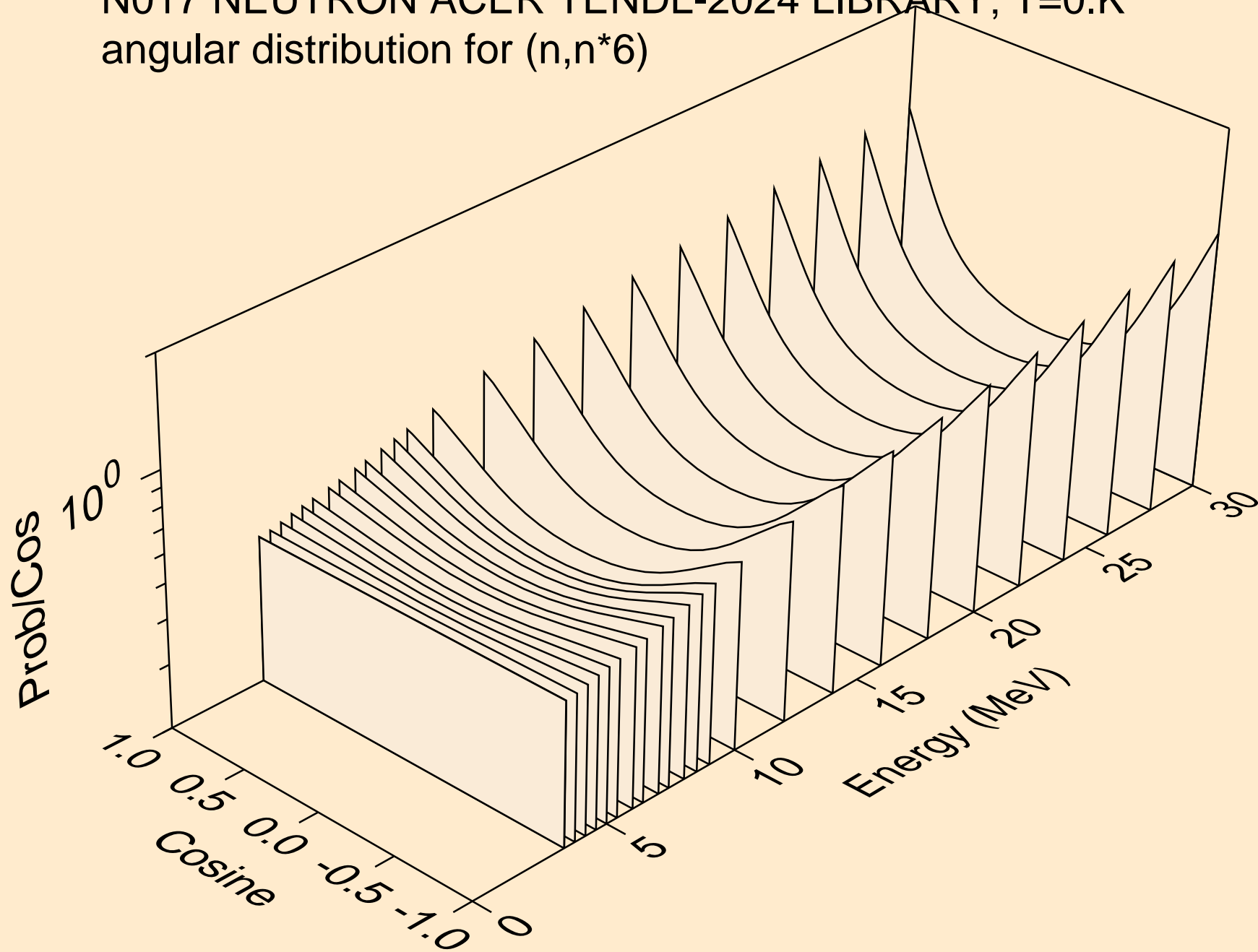
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angular distribution for (n,n\*4)



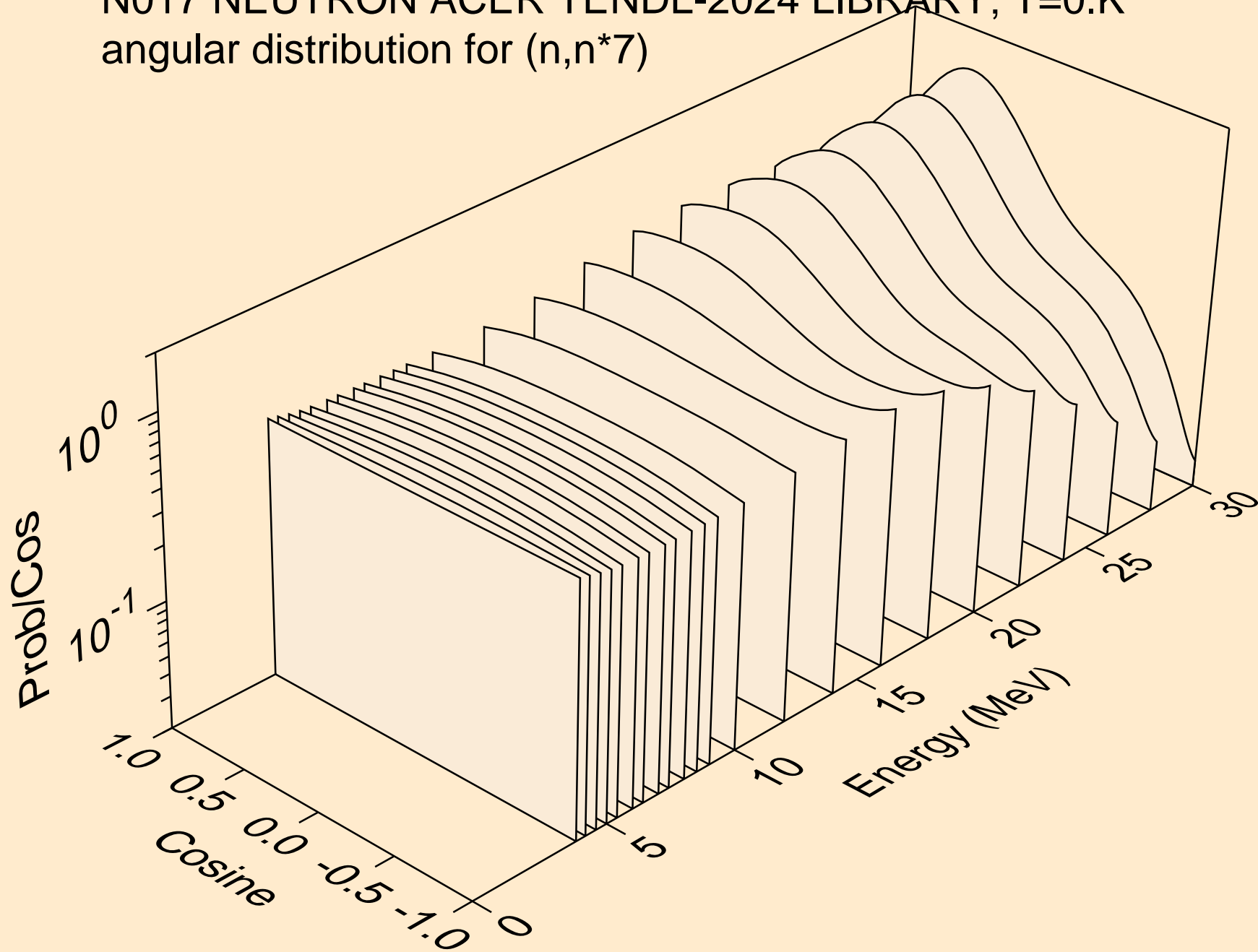
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angular distribution for (n,n\*5)



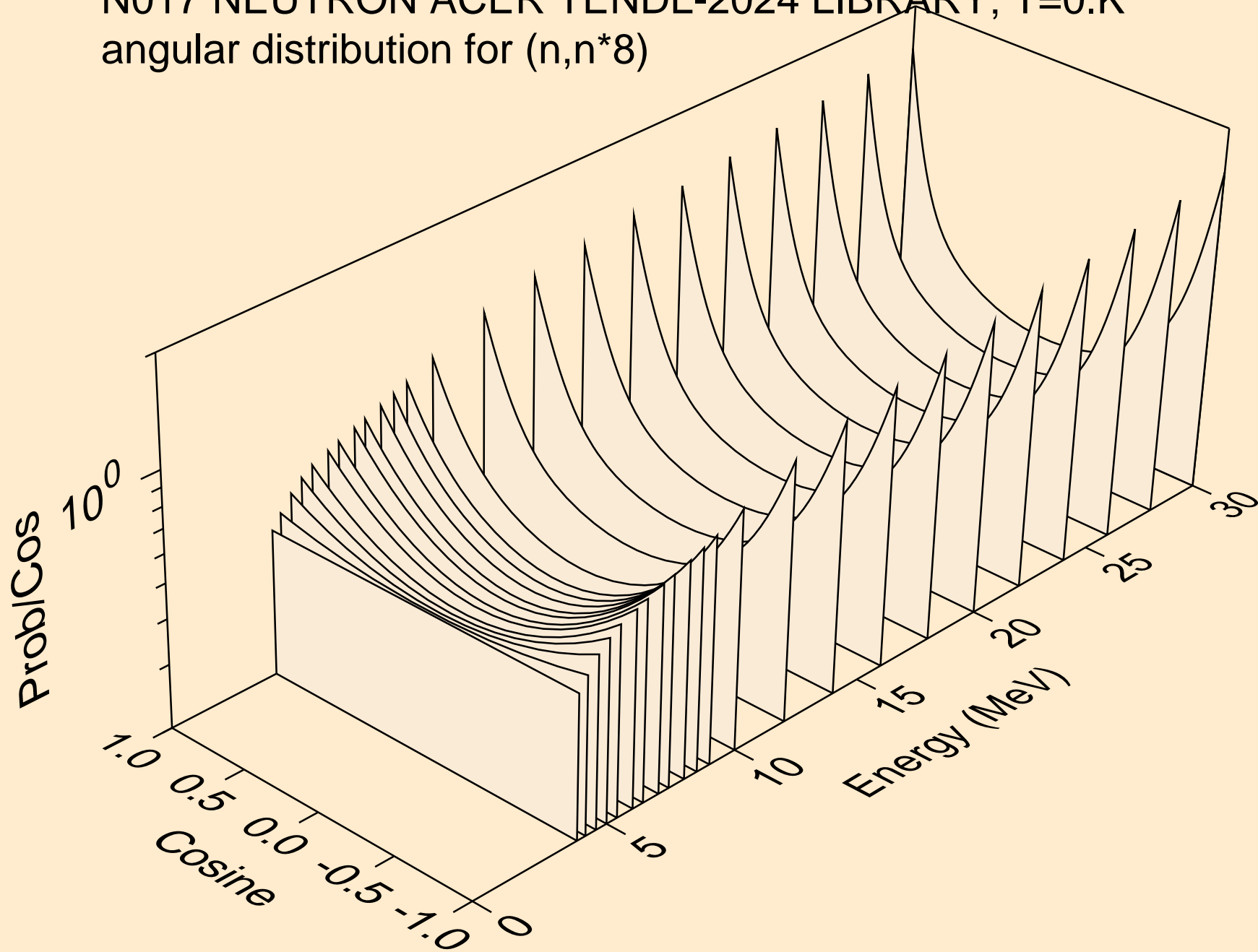
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angular distribution for (n,n\*6)



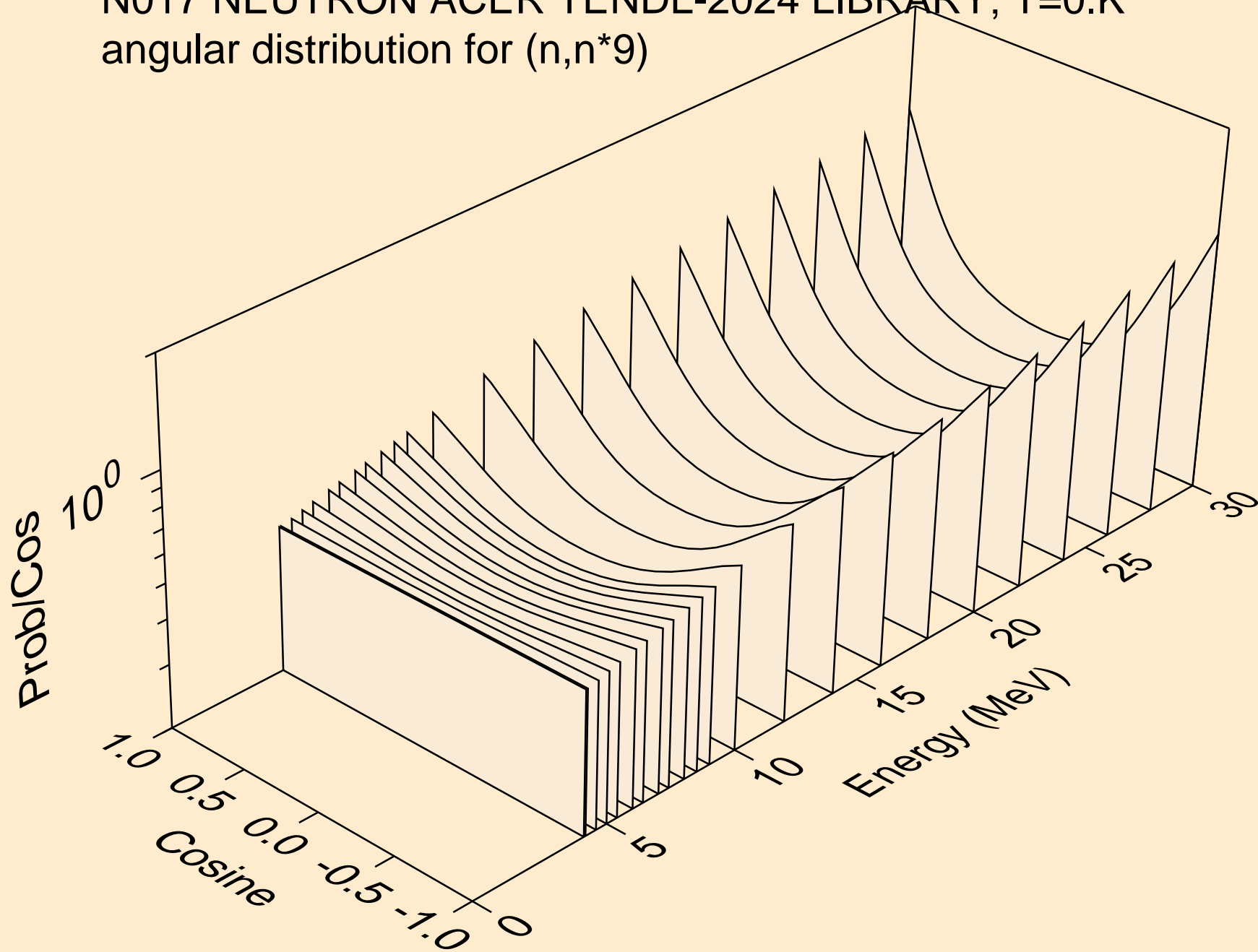
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angular distribution for (n,n\*7)



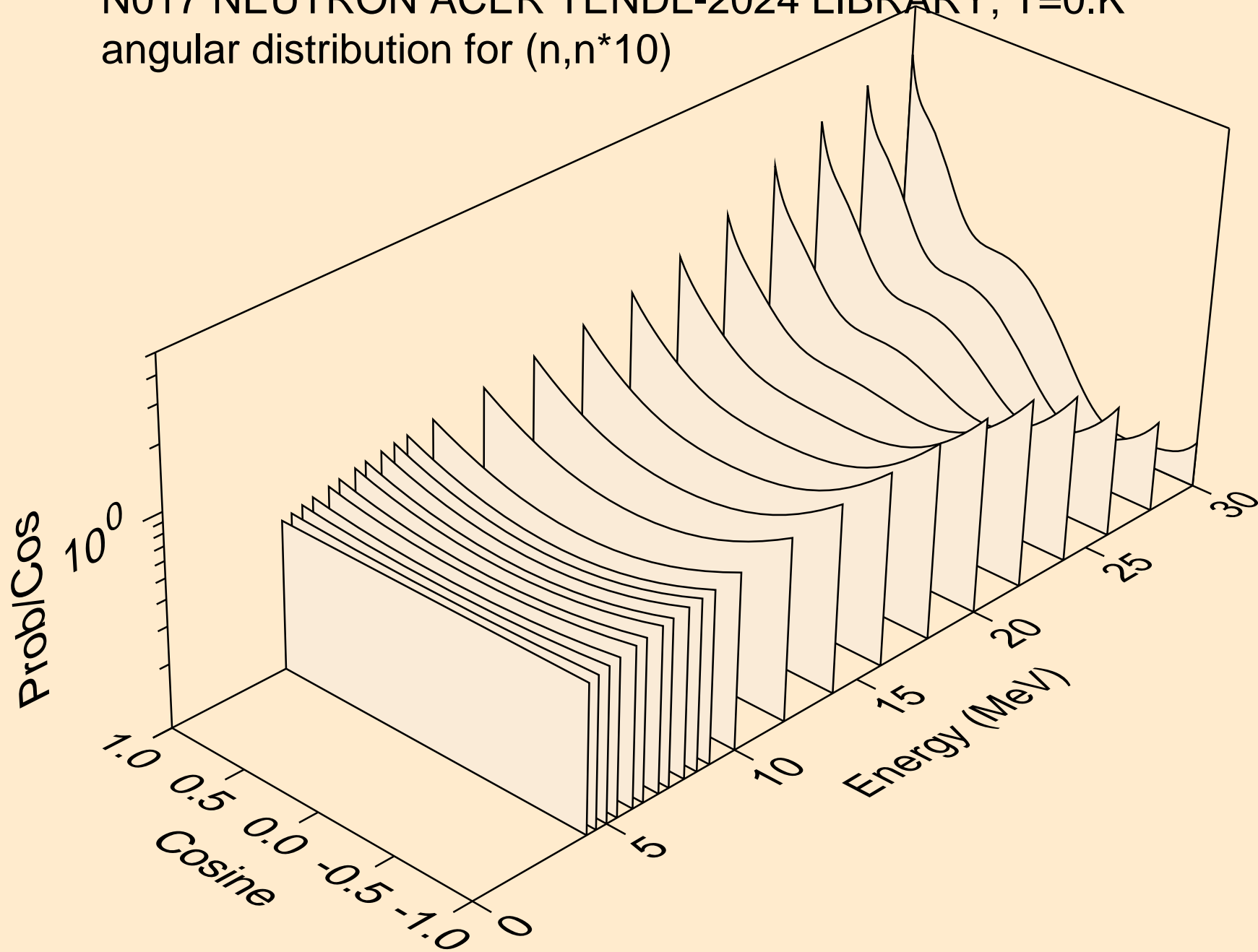
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angular distribution for (n,n\*8)



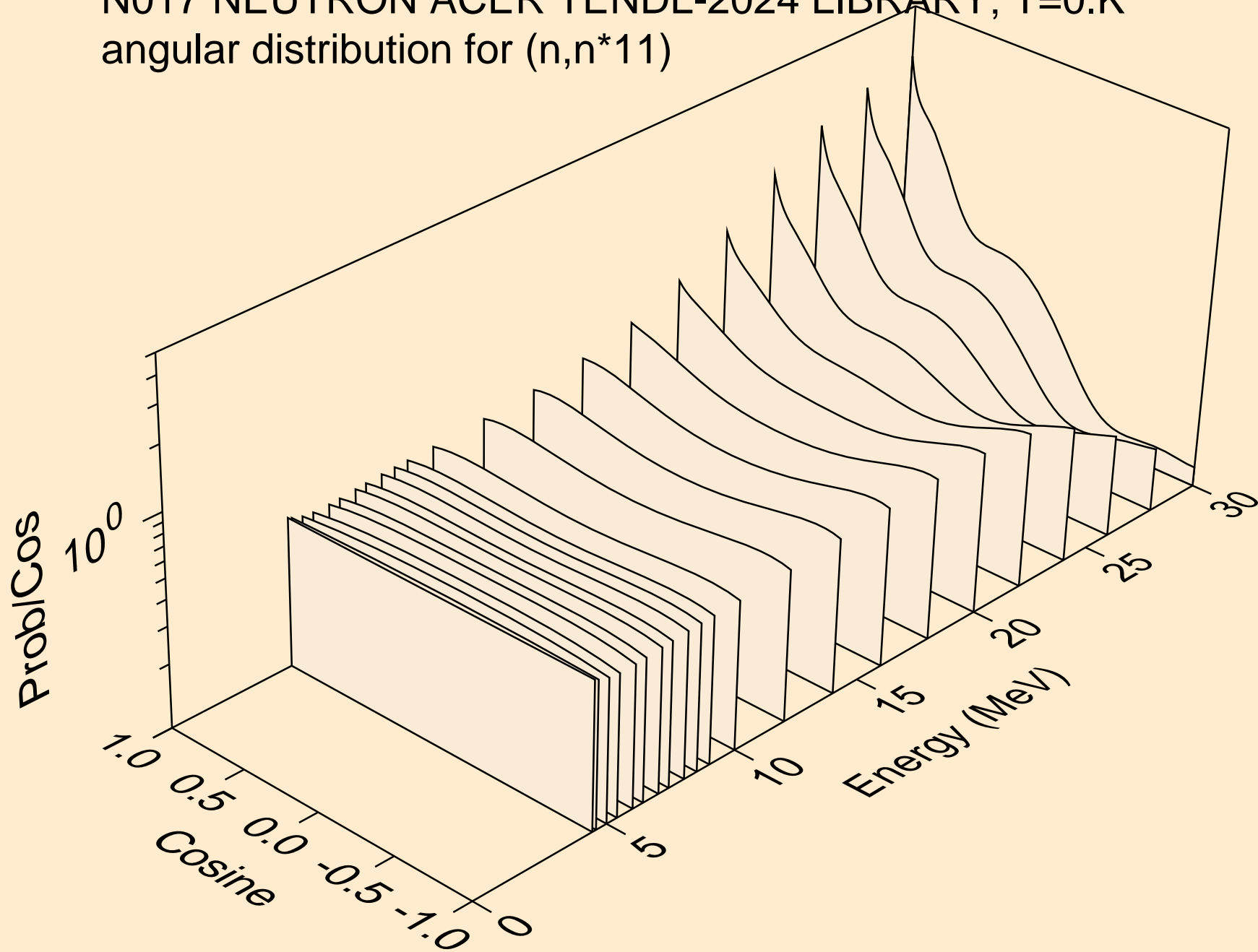
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

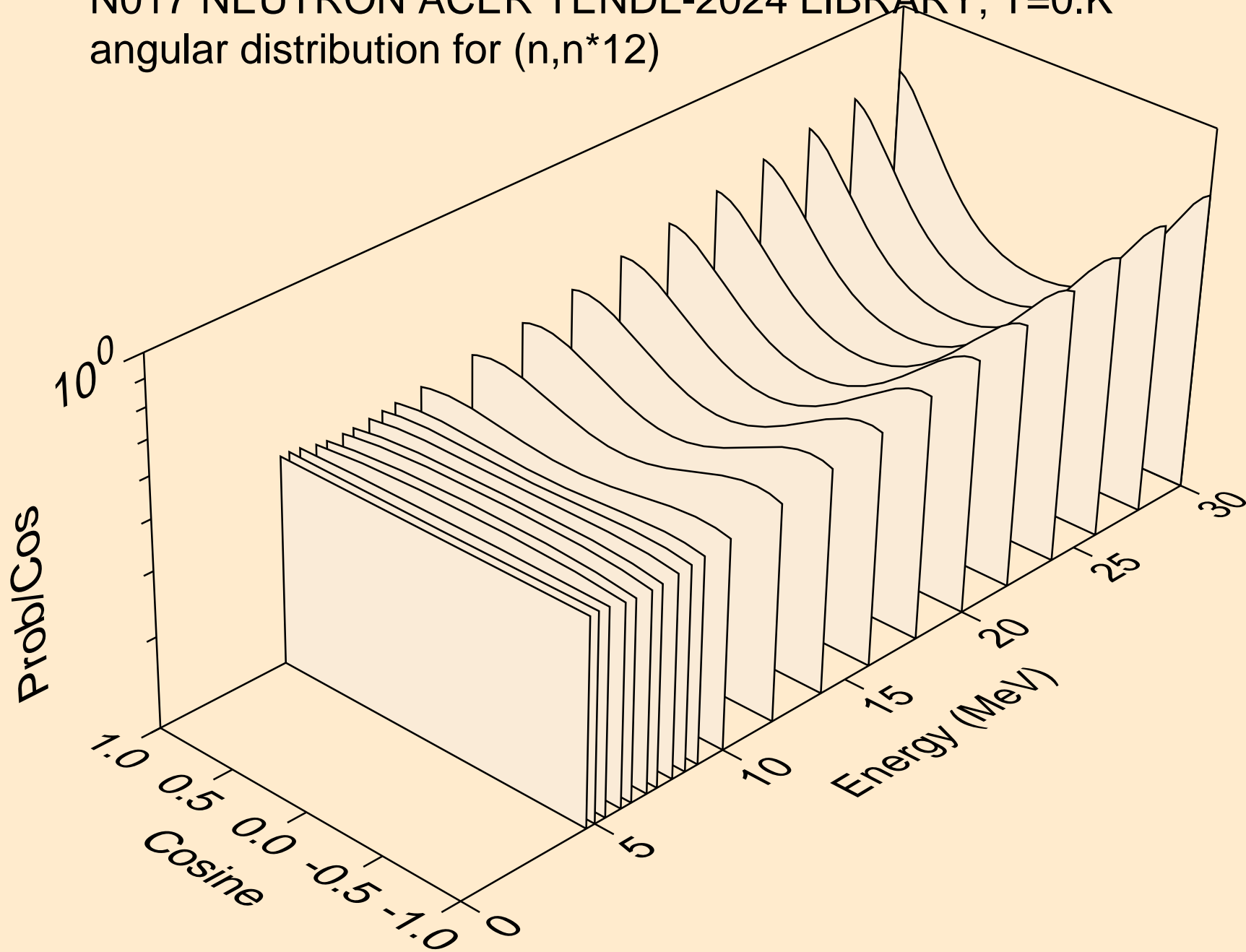


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angular distribution for (n,n\*11)

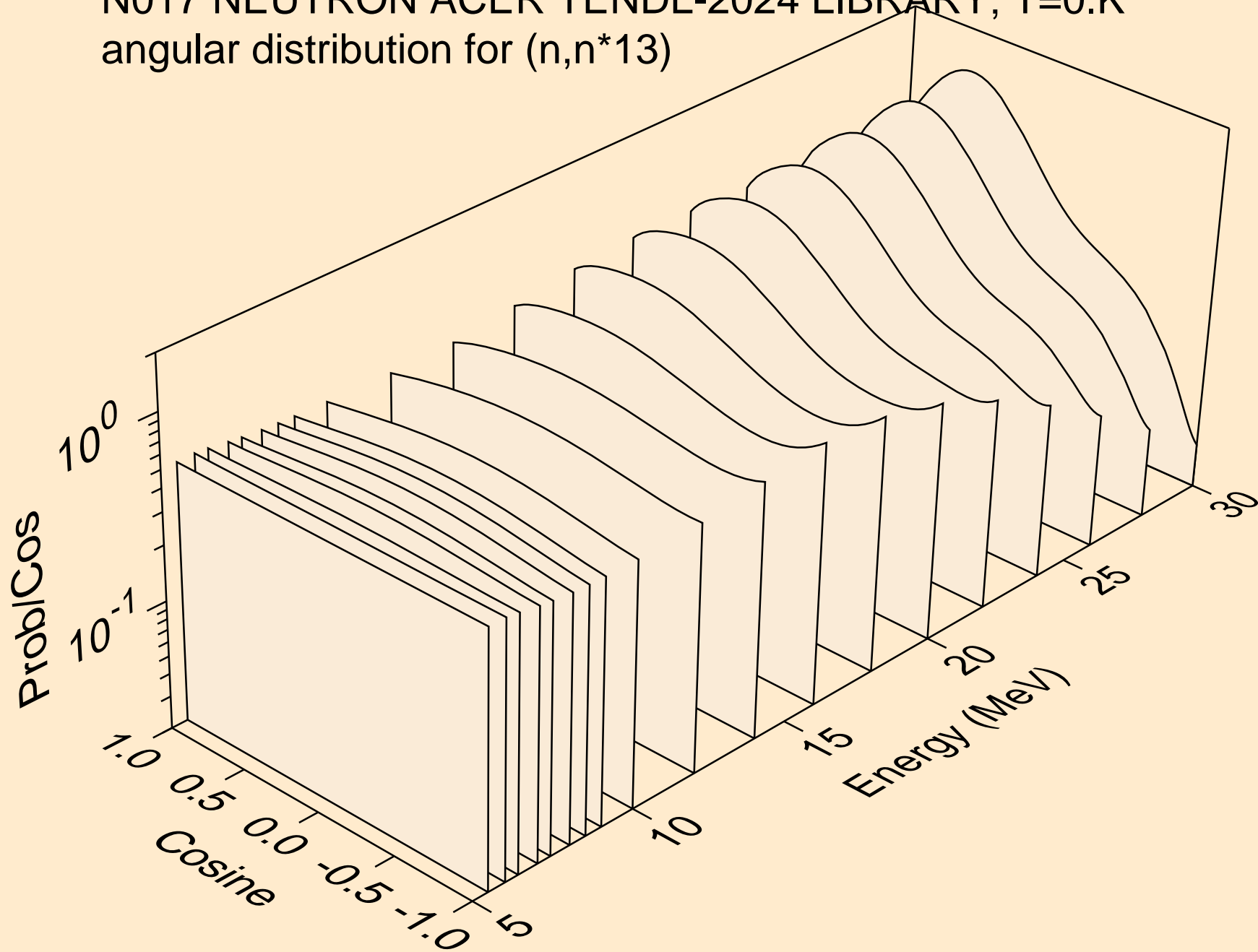




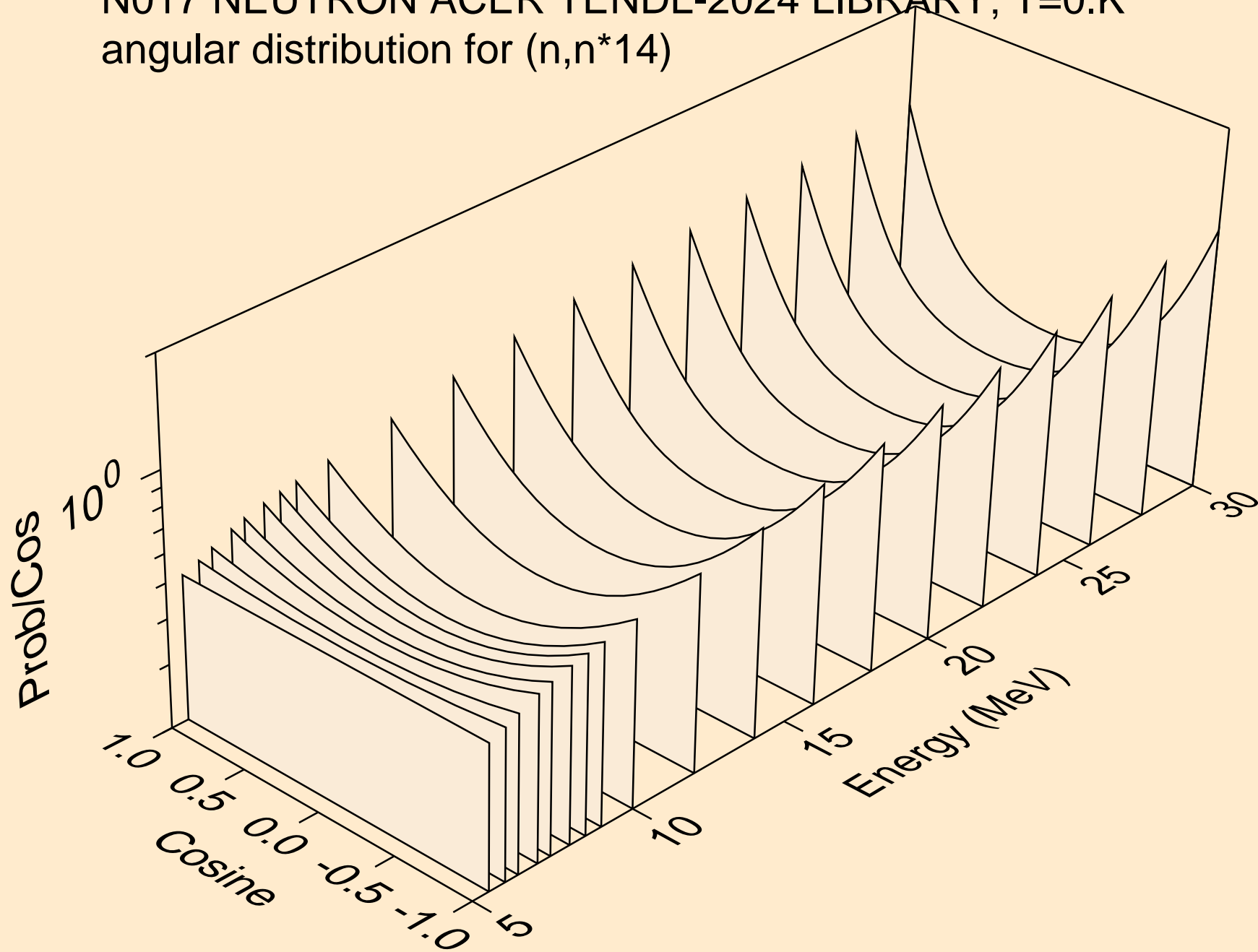
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angular distribution for (n,n\*12)



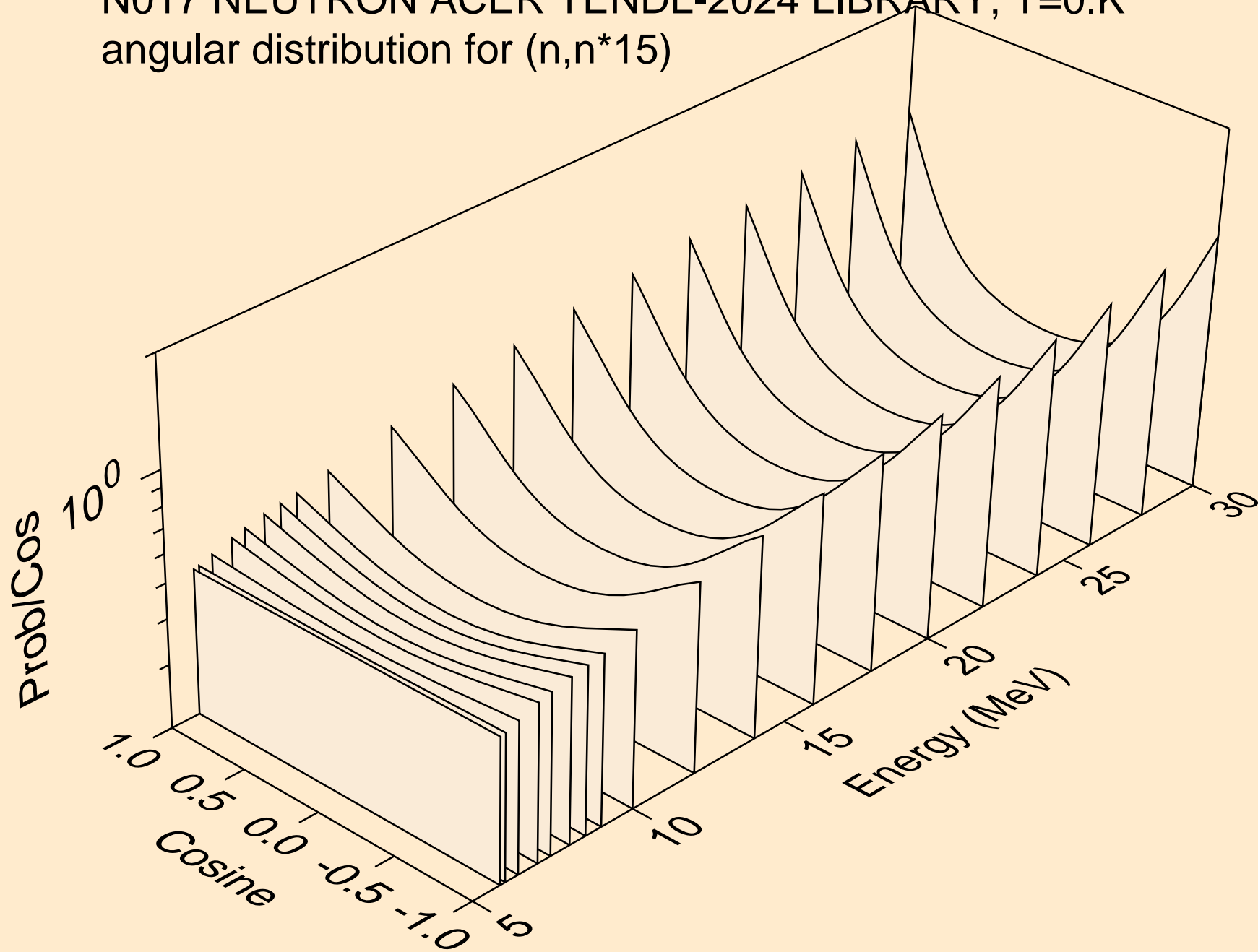
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angular distribution for (n,n\*13)



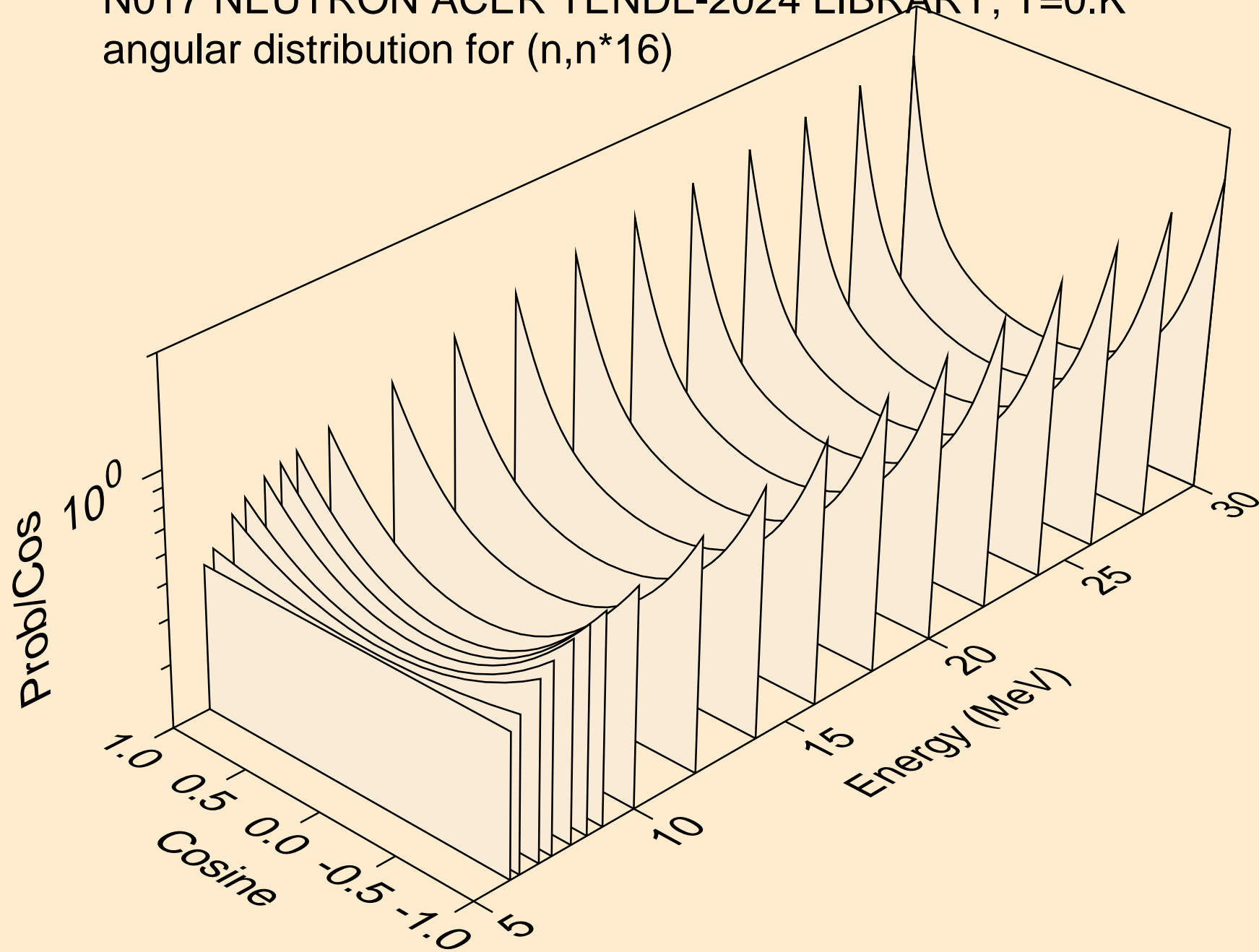
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angular distribution for (n,n\*14)



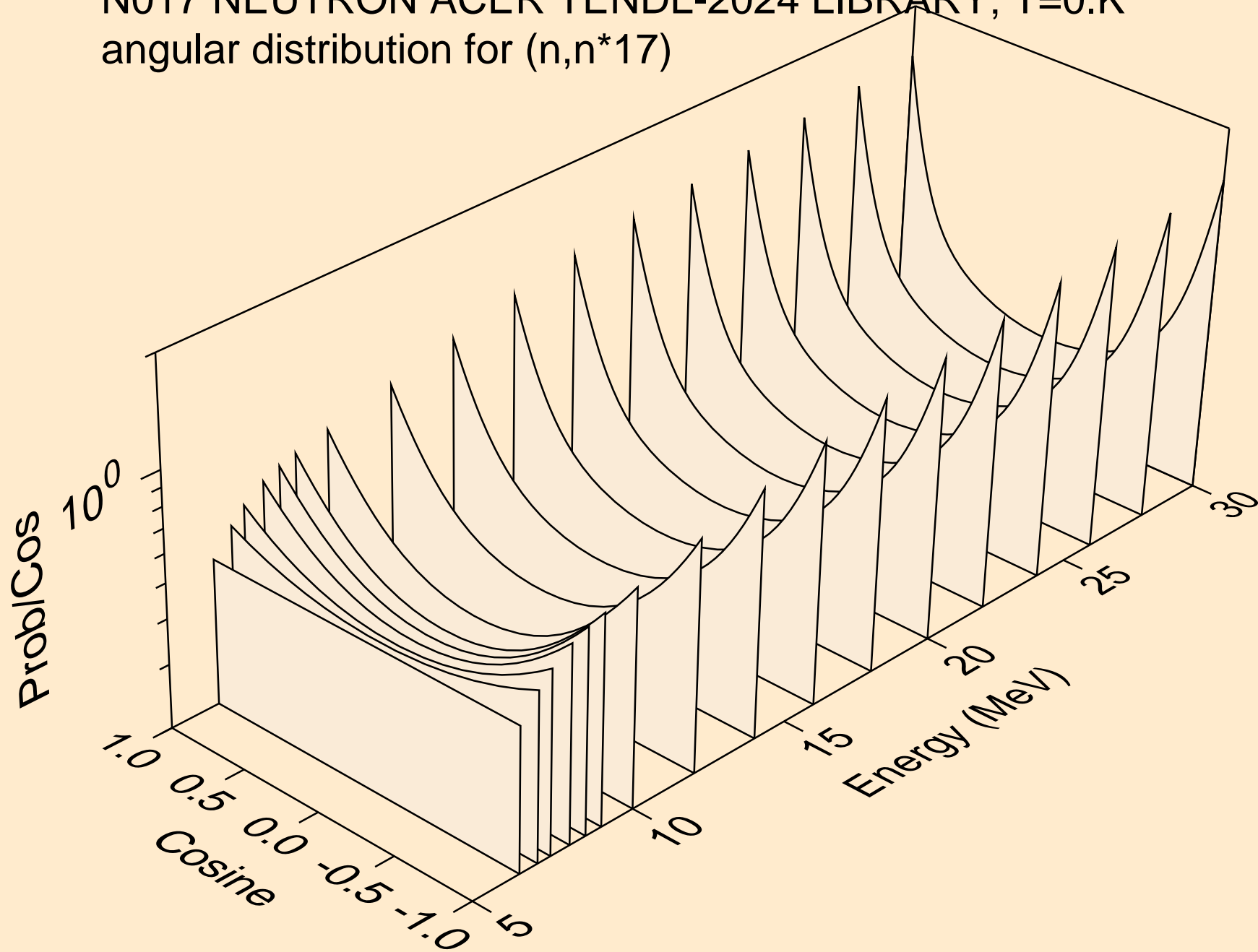
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angular distribution for (n,n\*15)



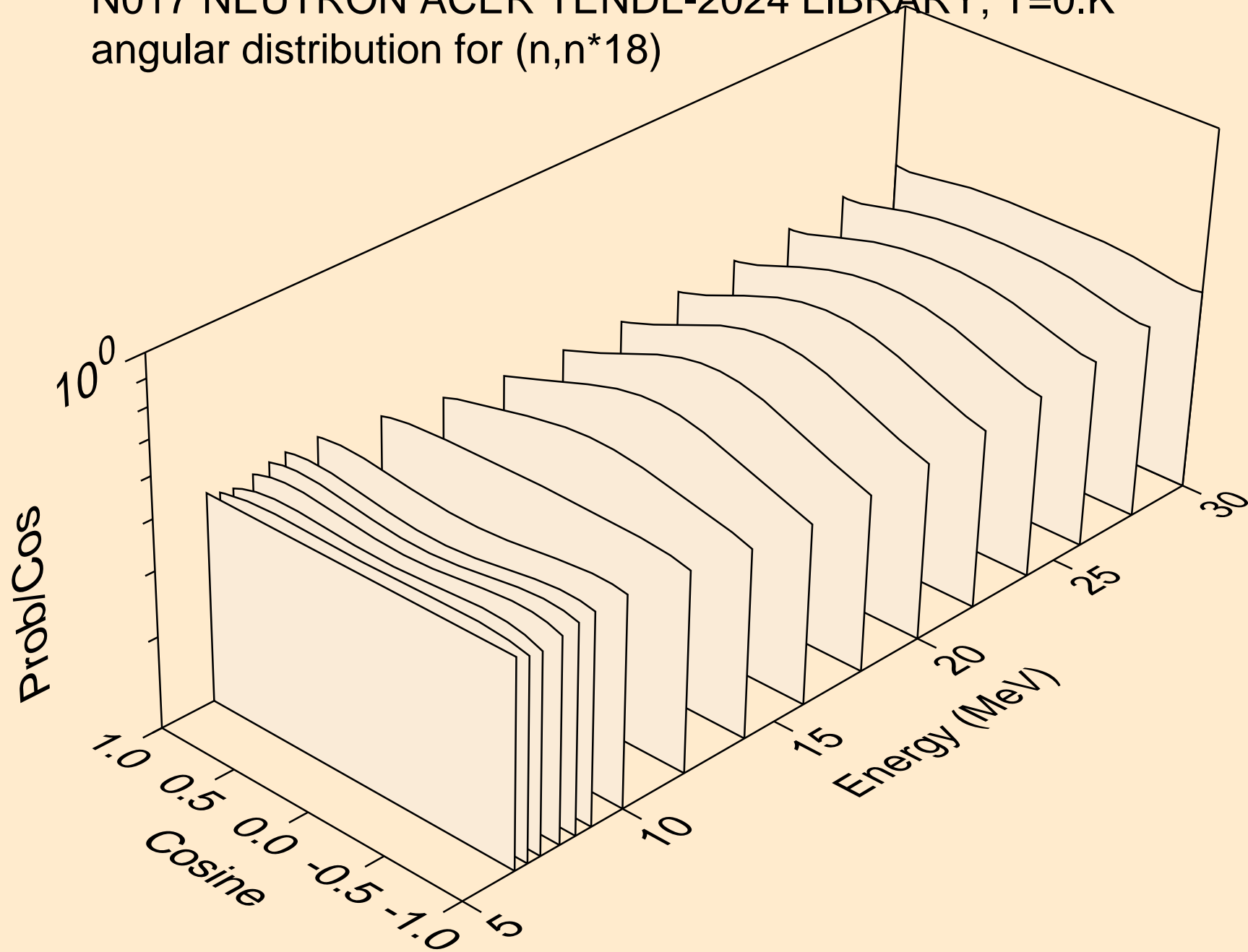
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angular distribution for (n,n\*16)



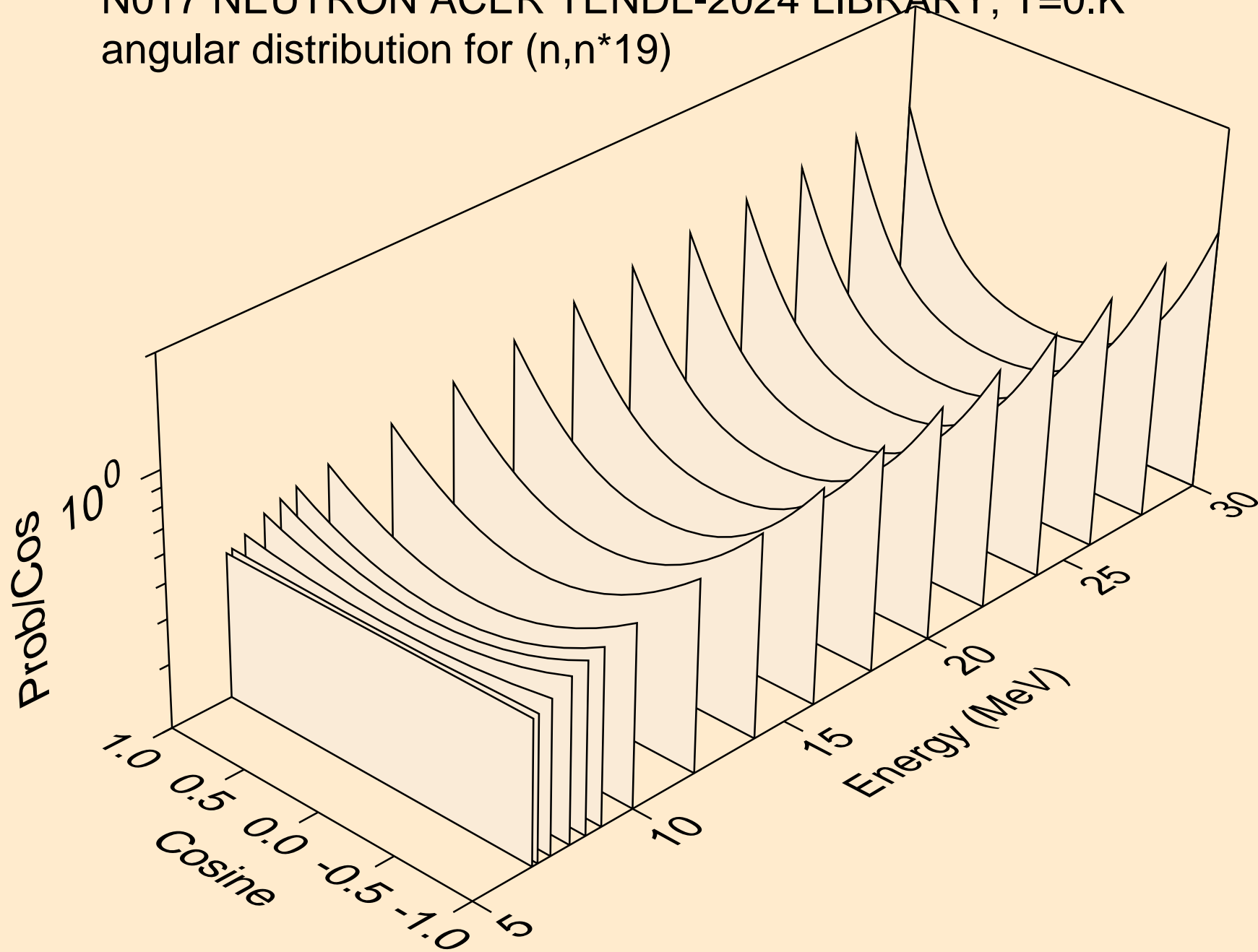
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angular distribution for (n,n\*17)



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

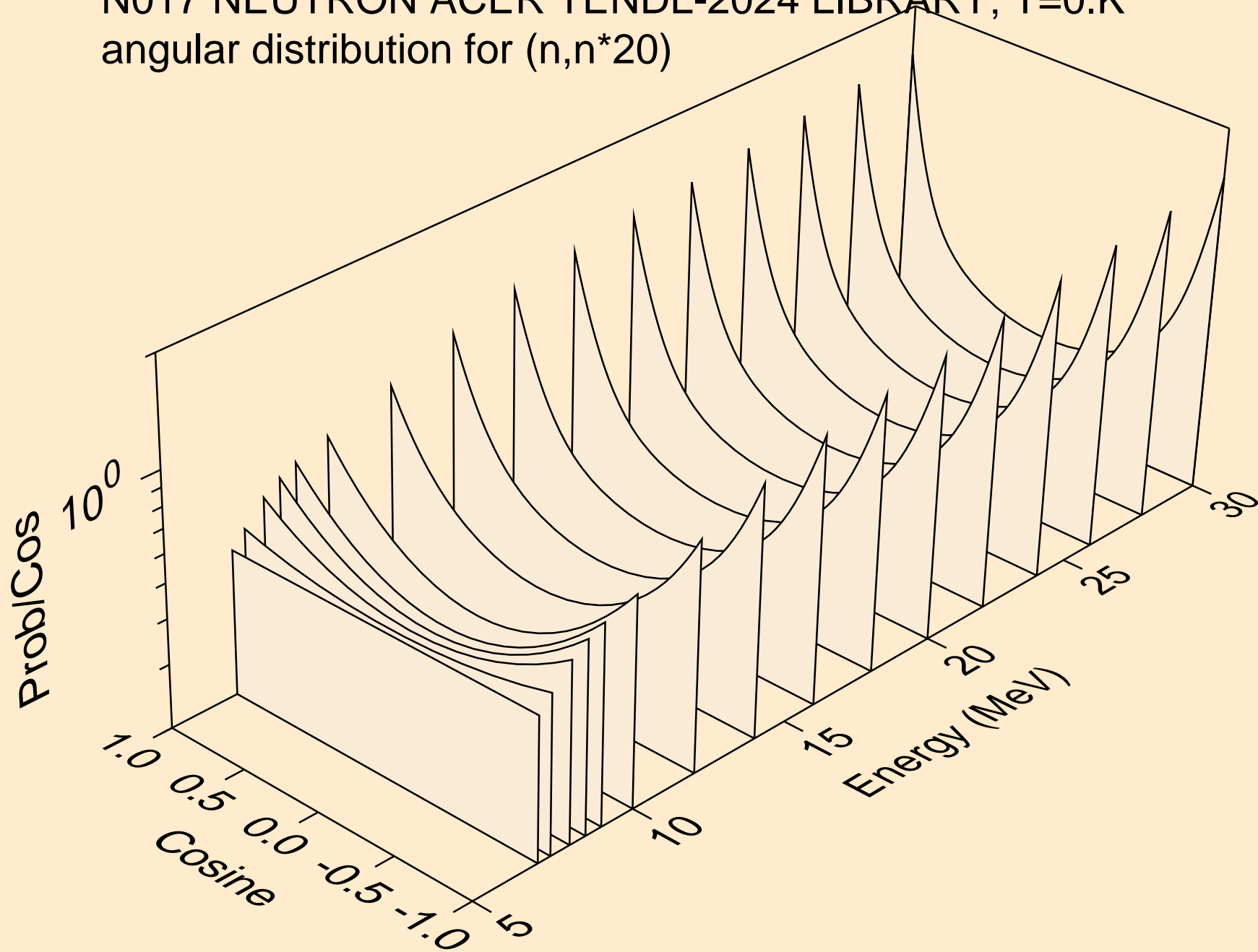


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angular distribution for (n,n\*19)

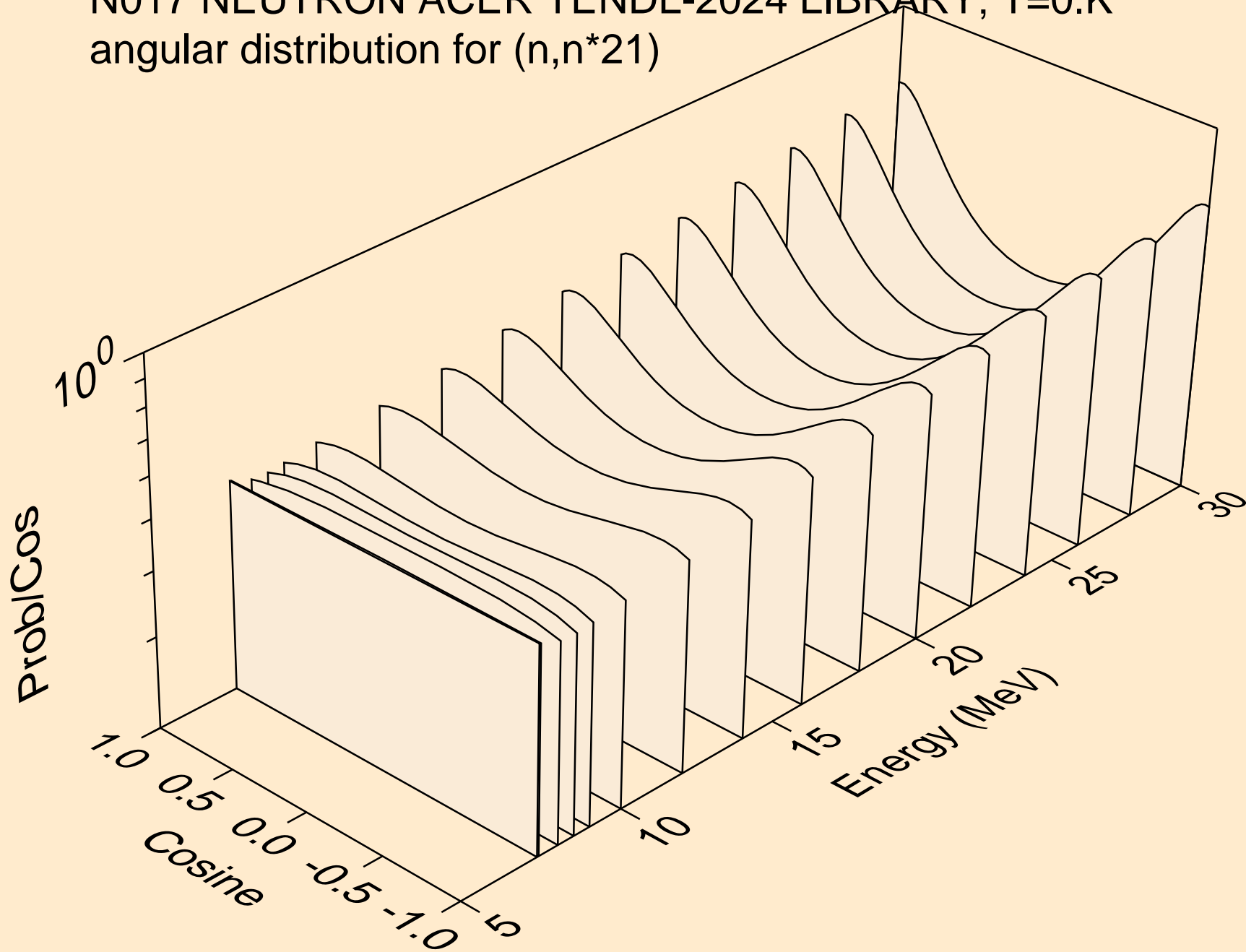




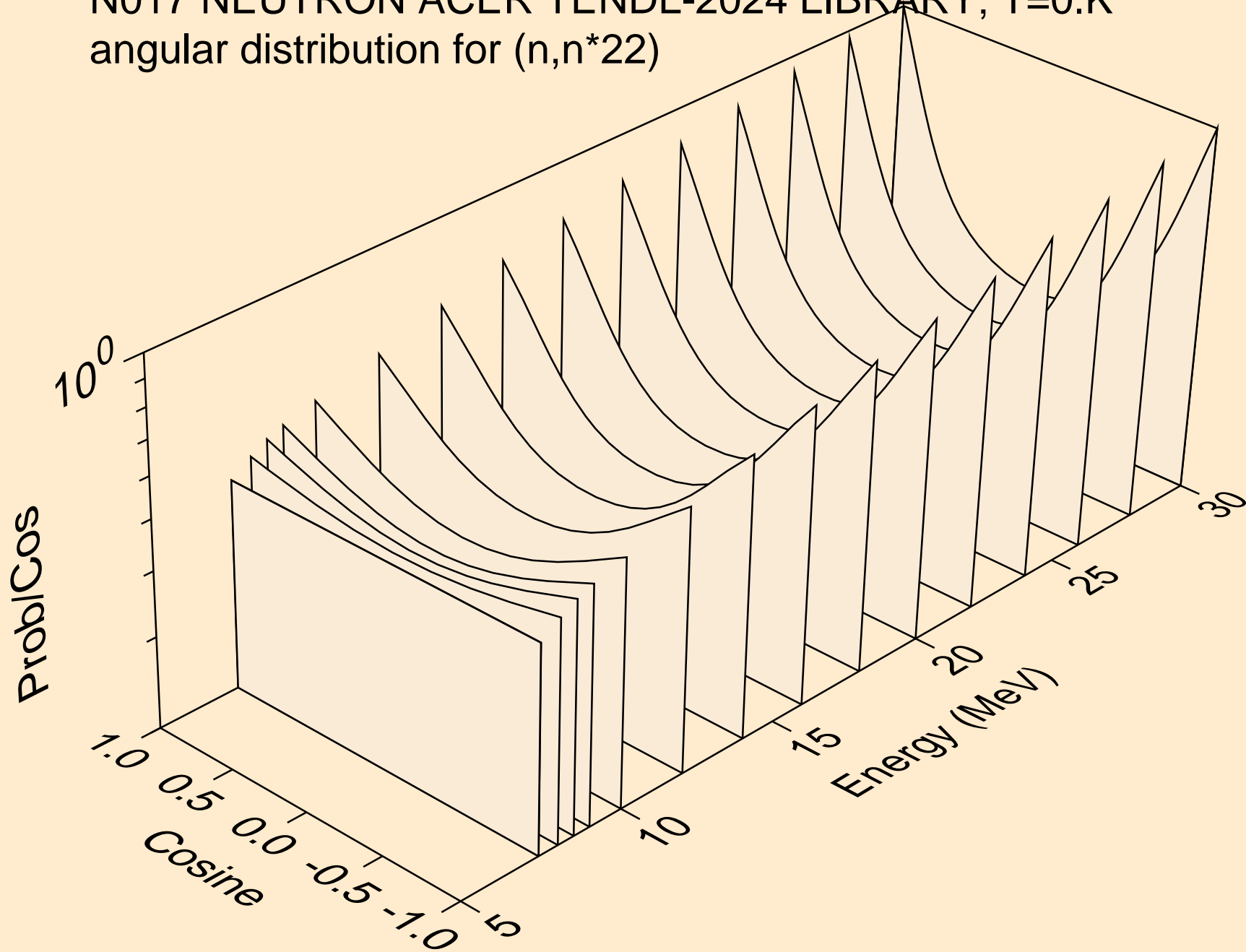
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angular distribution for (n,n\*20)



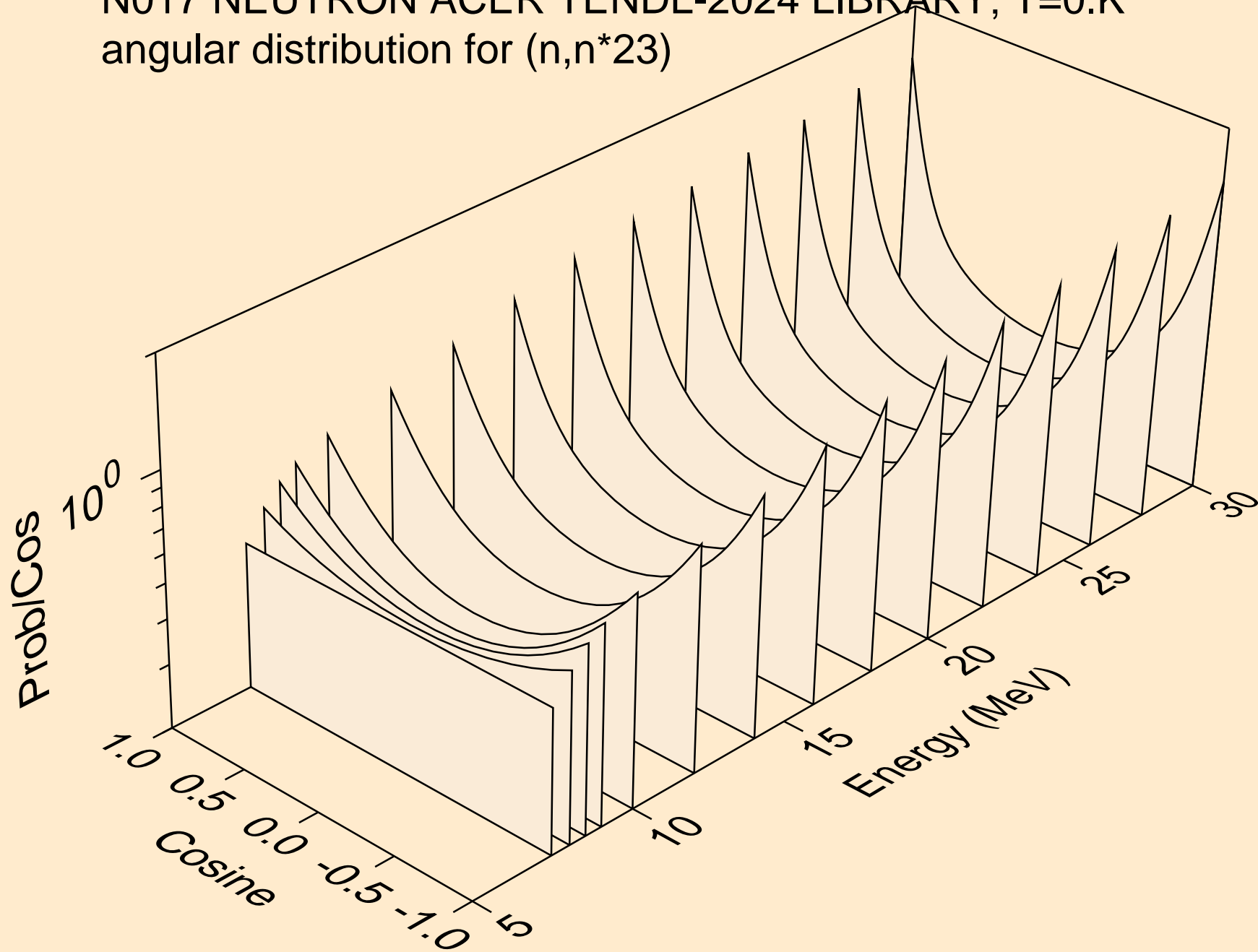
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angular distribution for (n,n\*21)



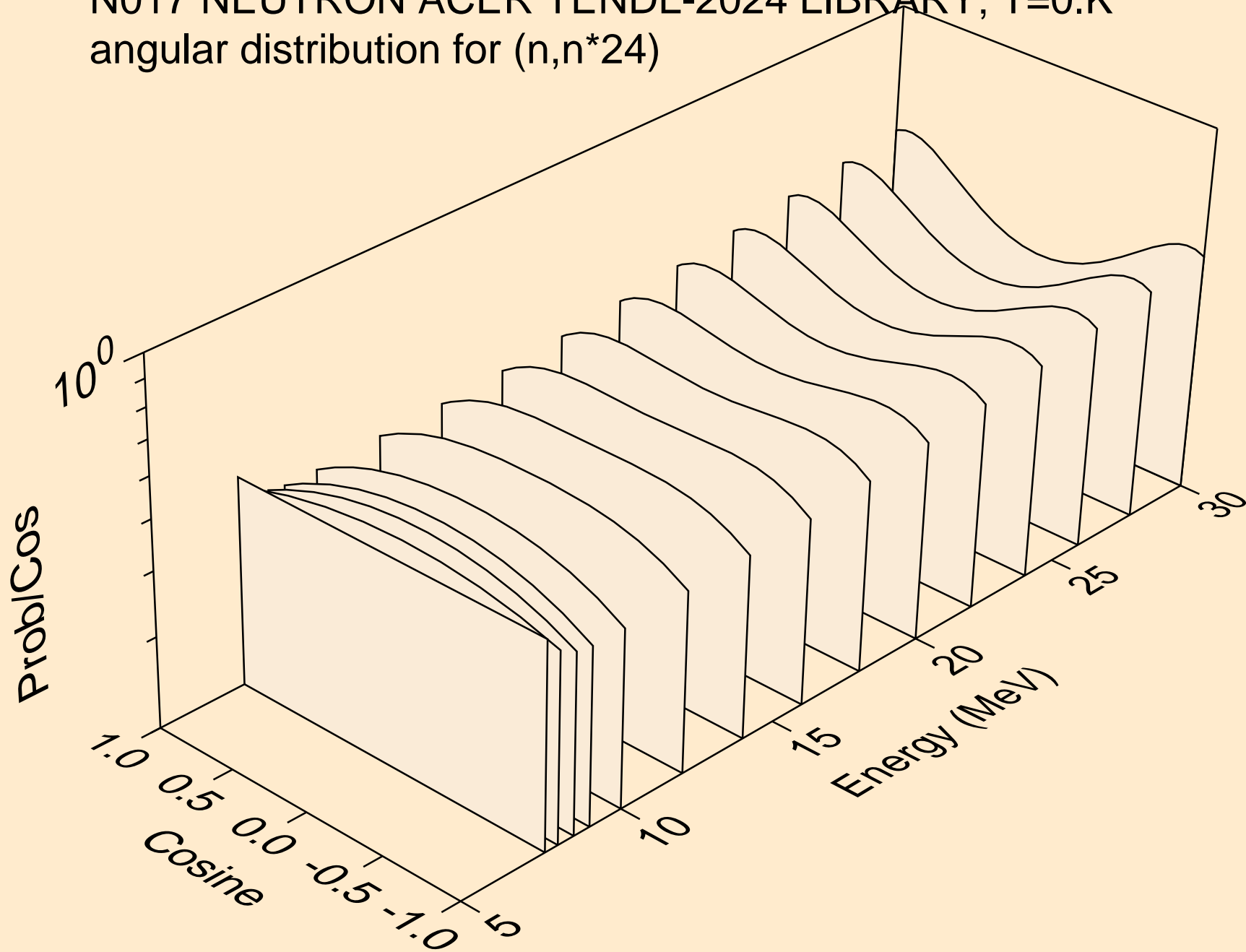
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angular distribution for (n,n\*22)



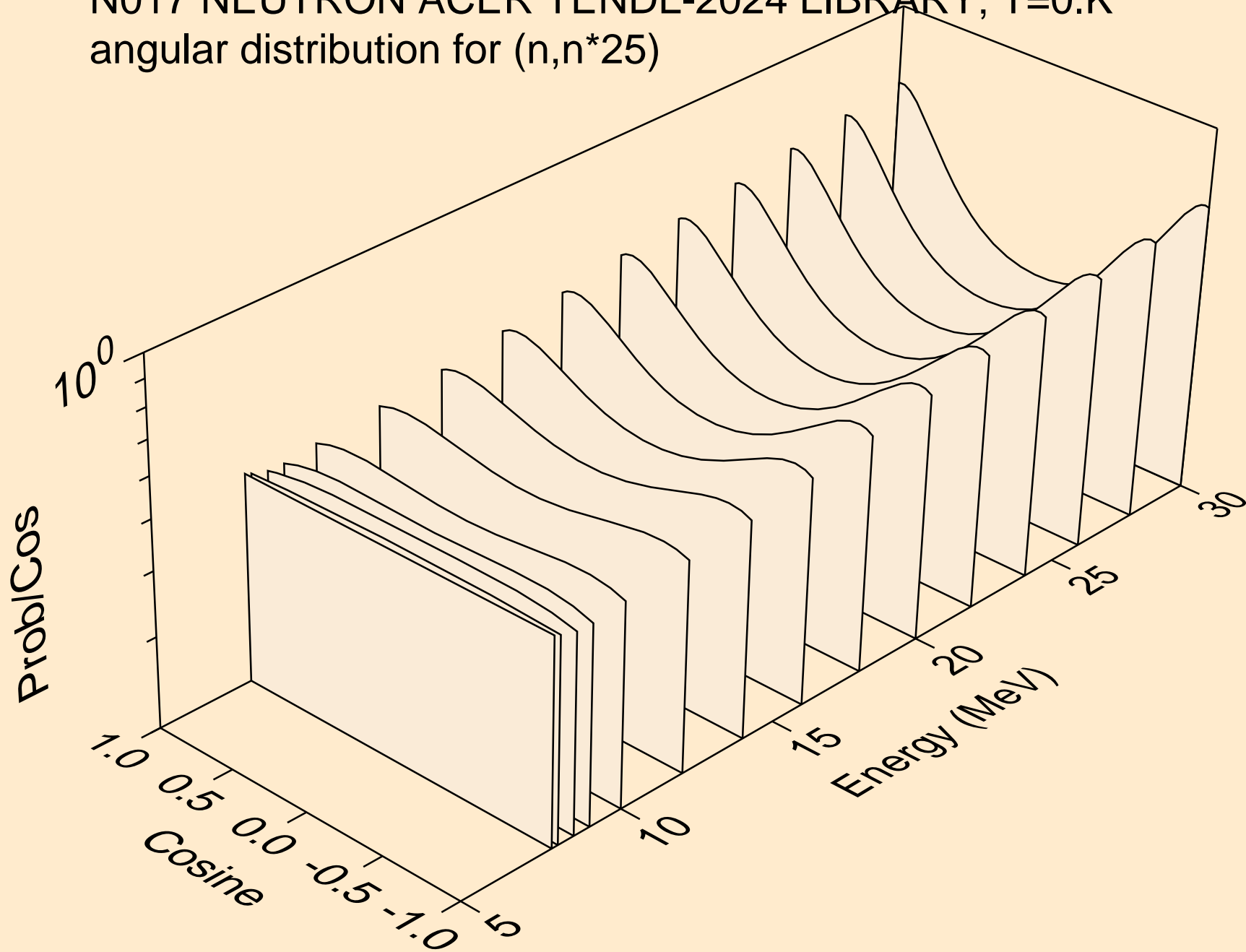
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angular distribution for (n,n\*23)



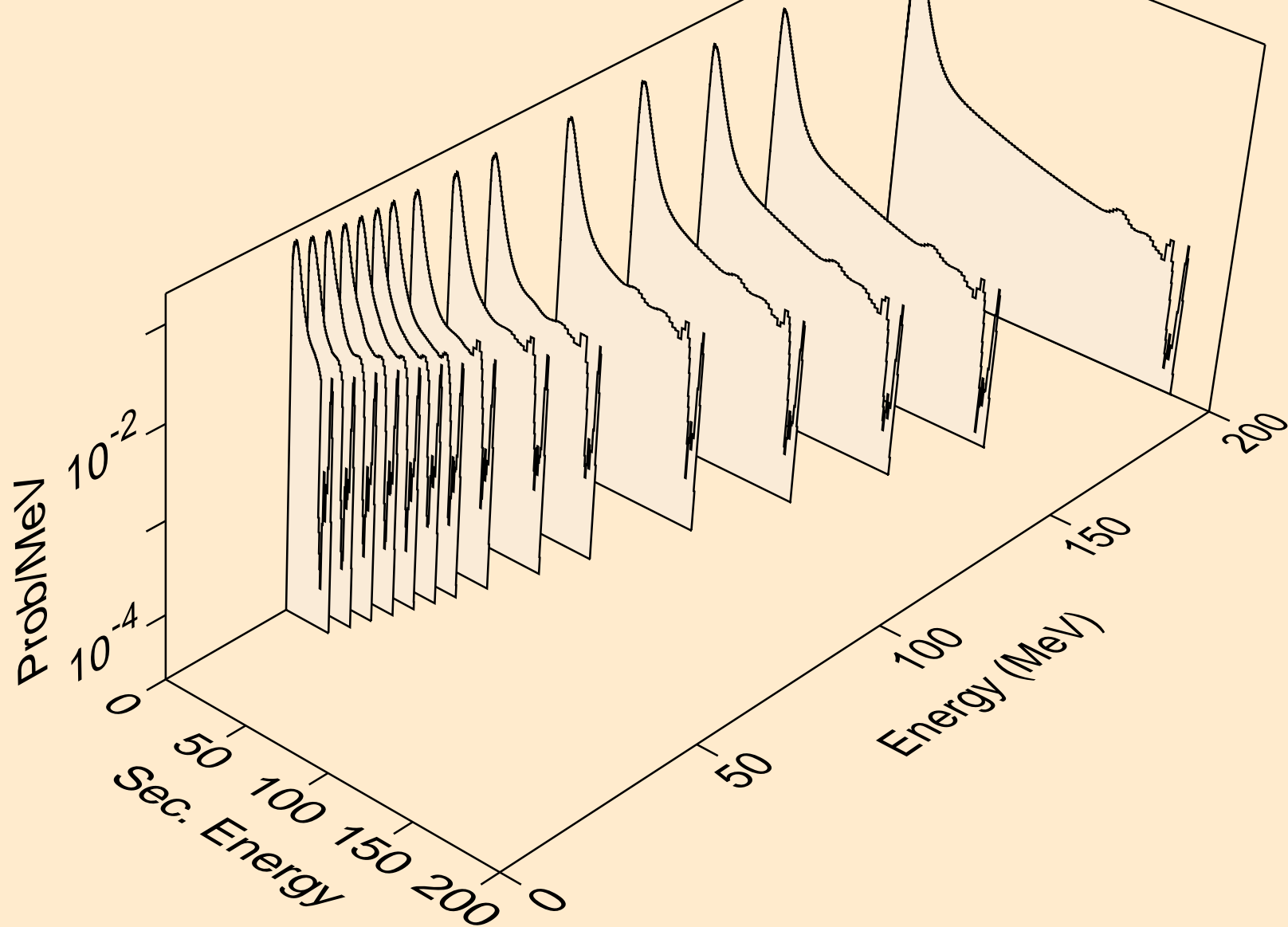
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angular distribution for (n,n\*24)



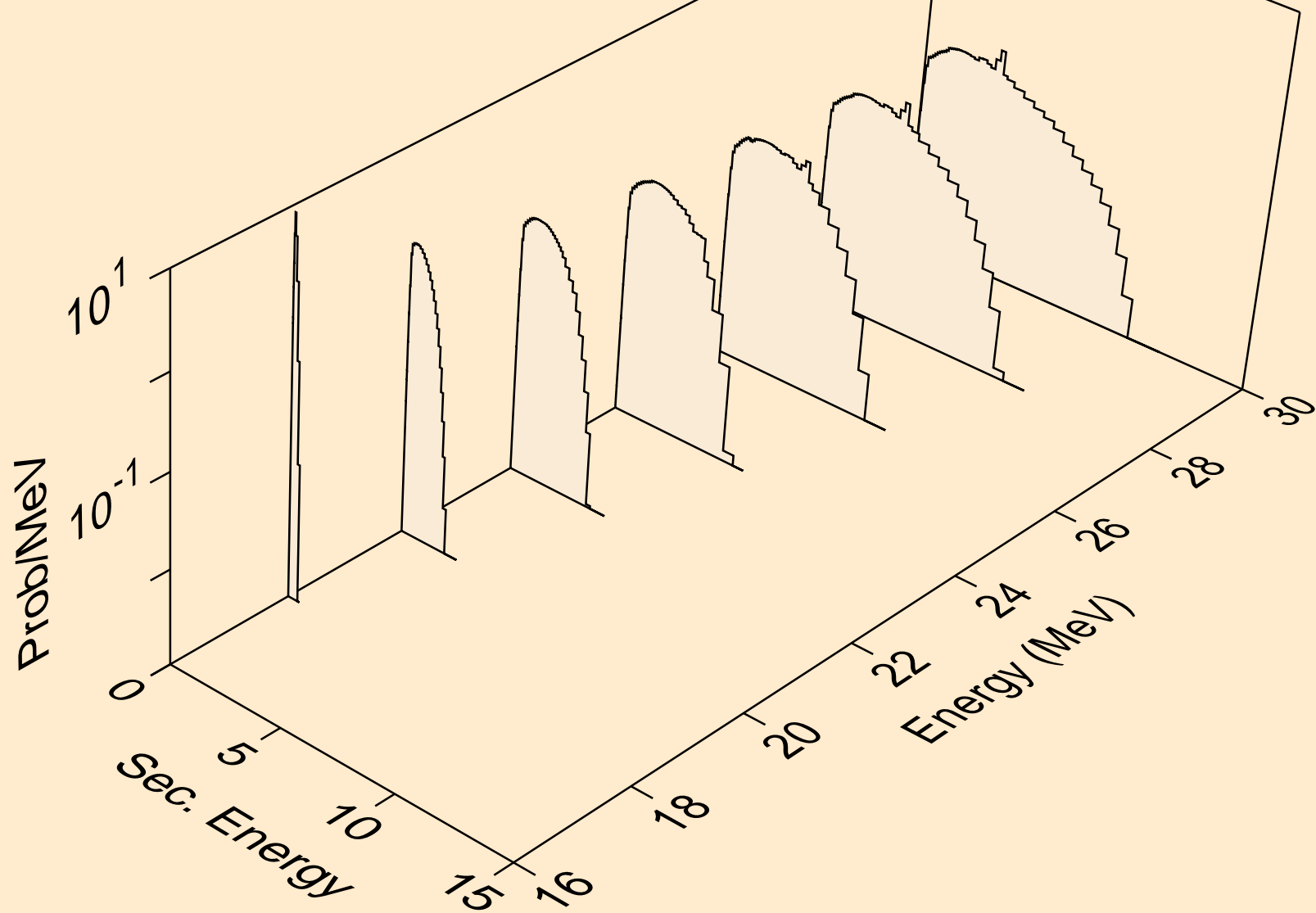
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

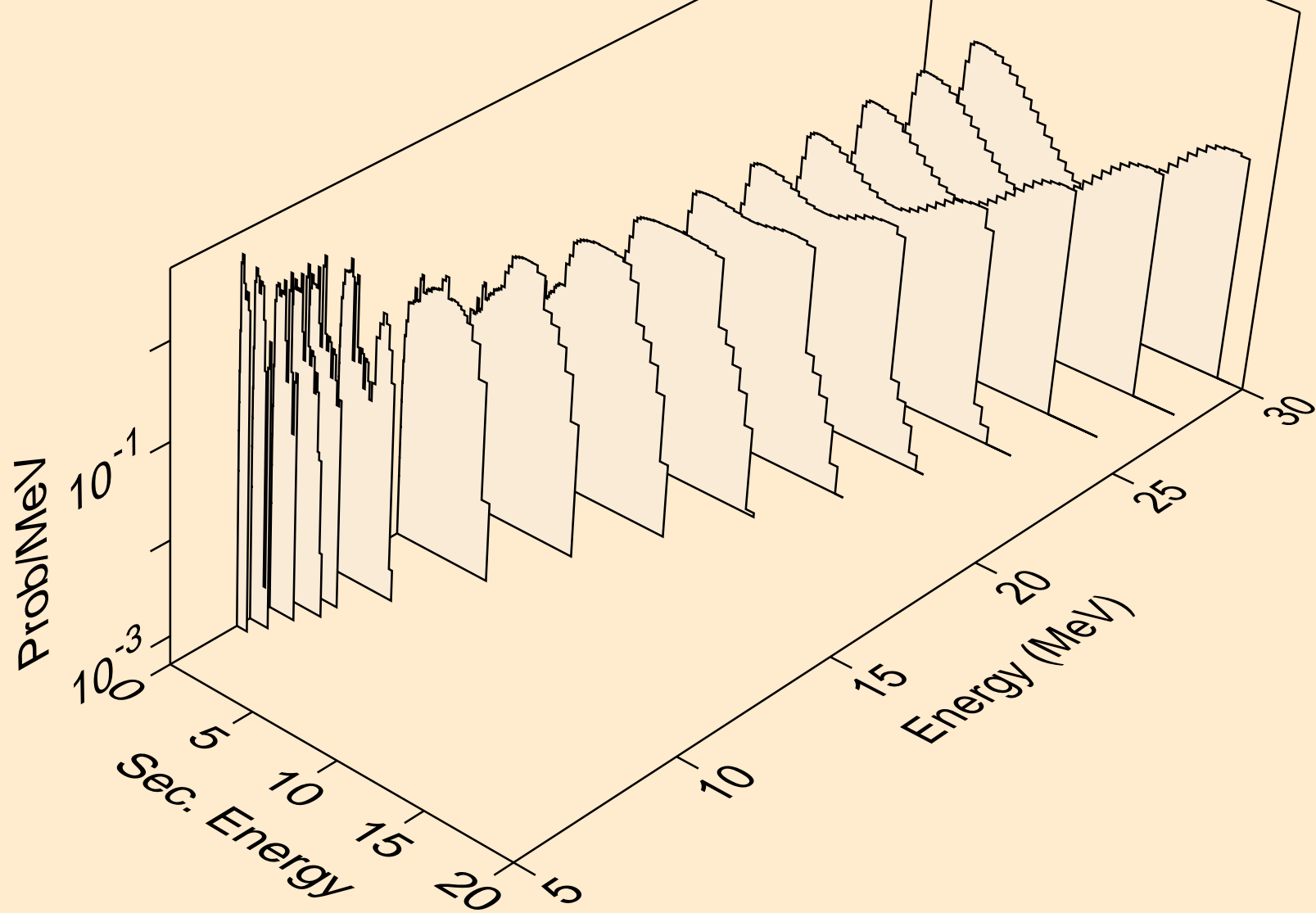


N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

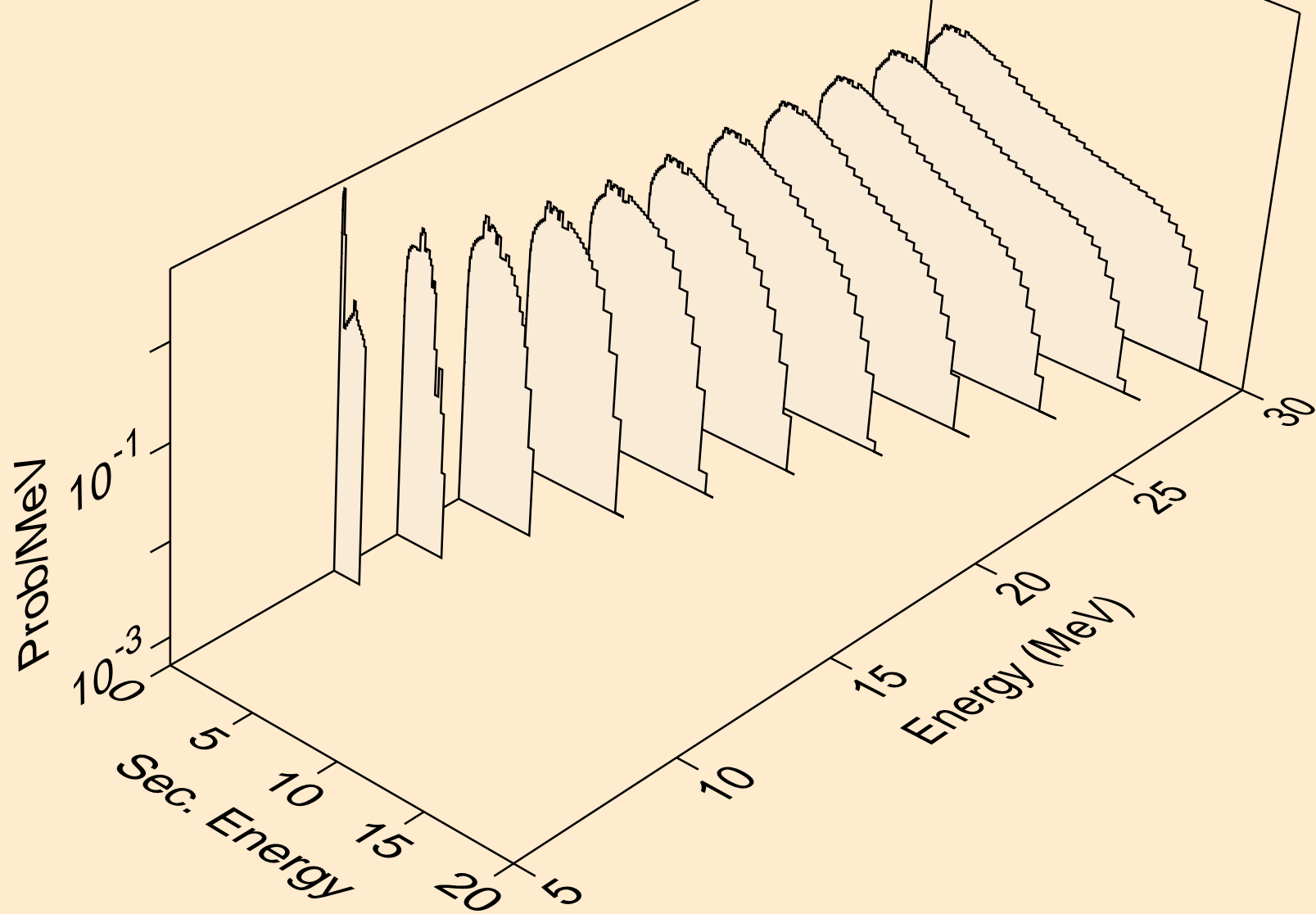




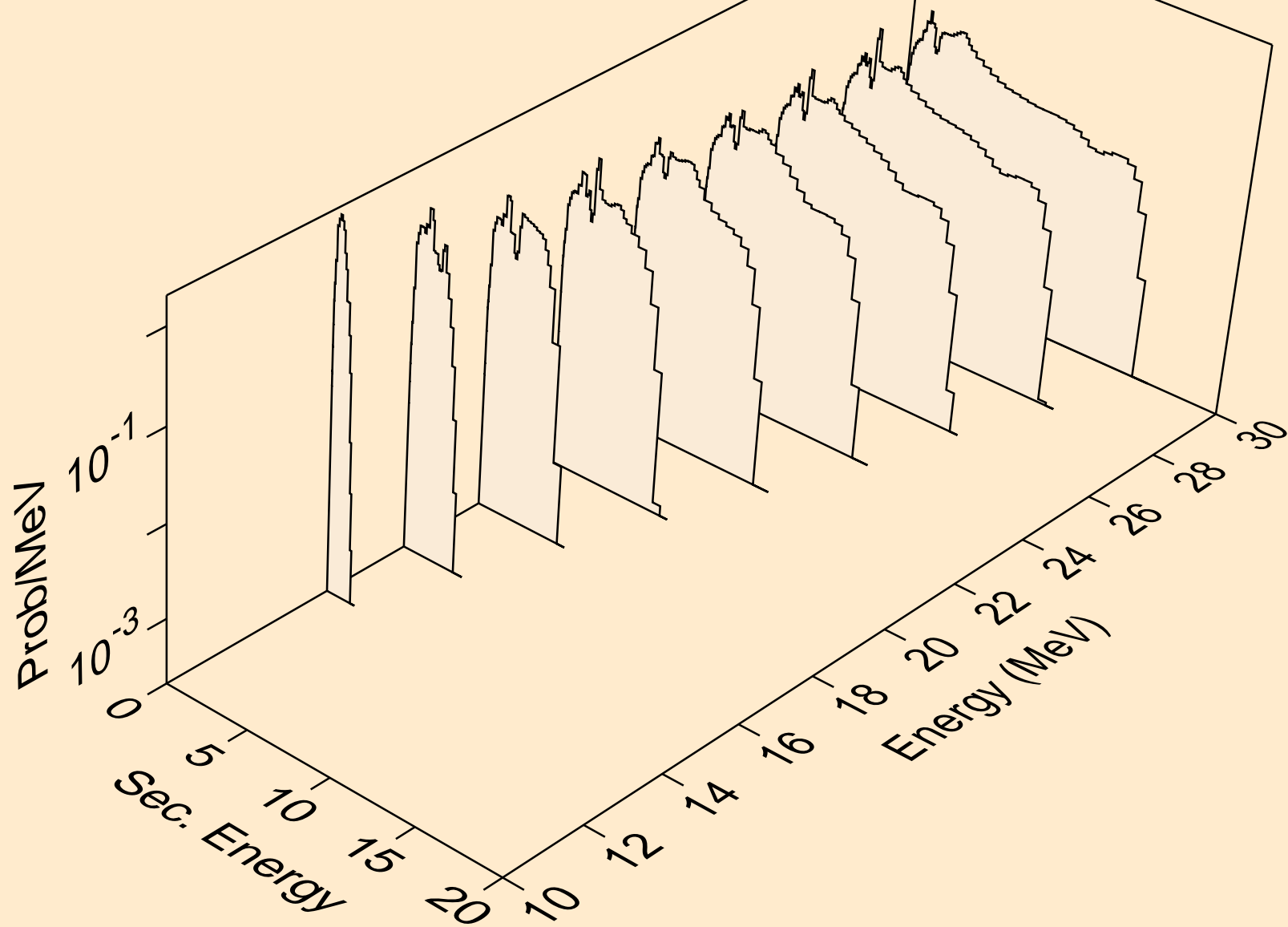
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Neutron emission for (n,2n)



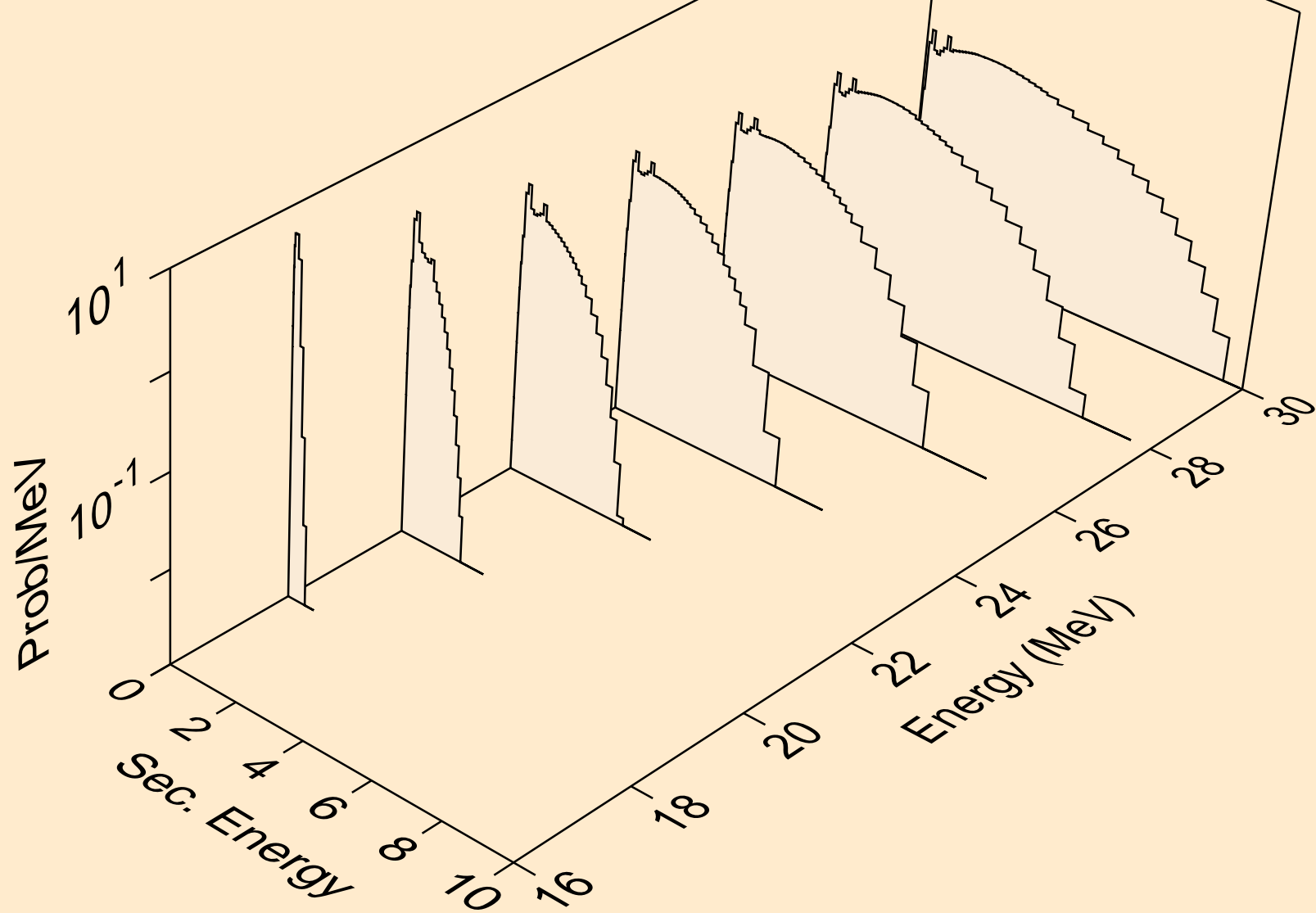
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Neutron emission for (n,3n)



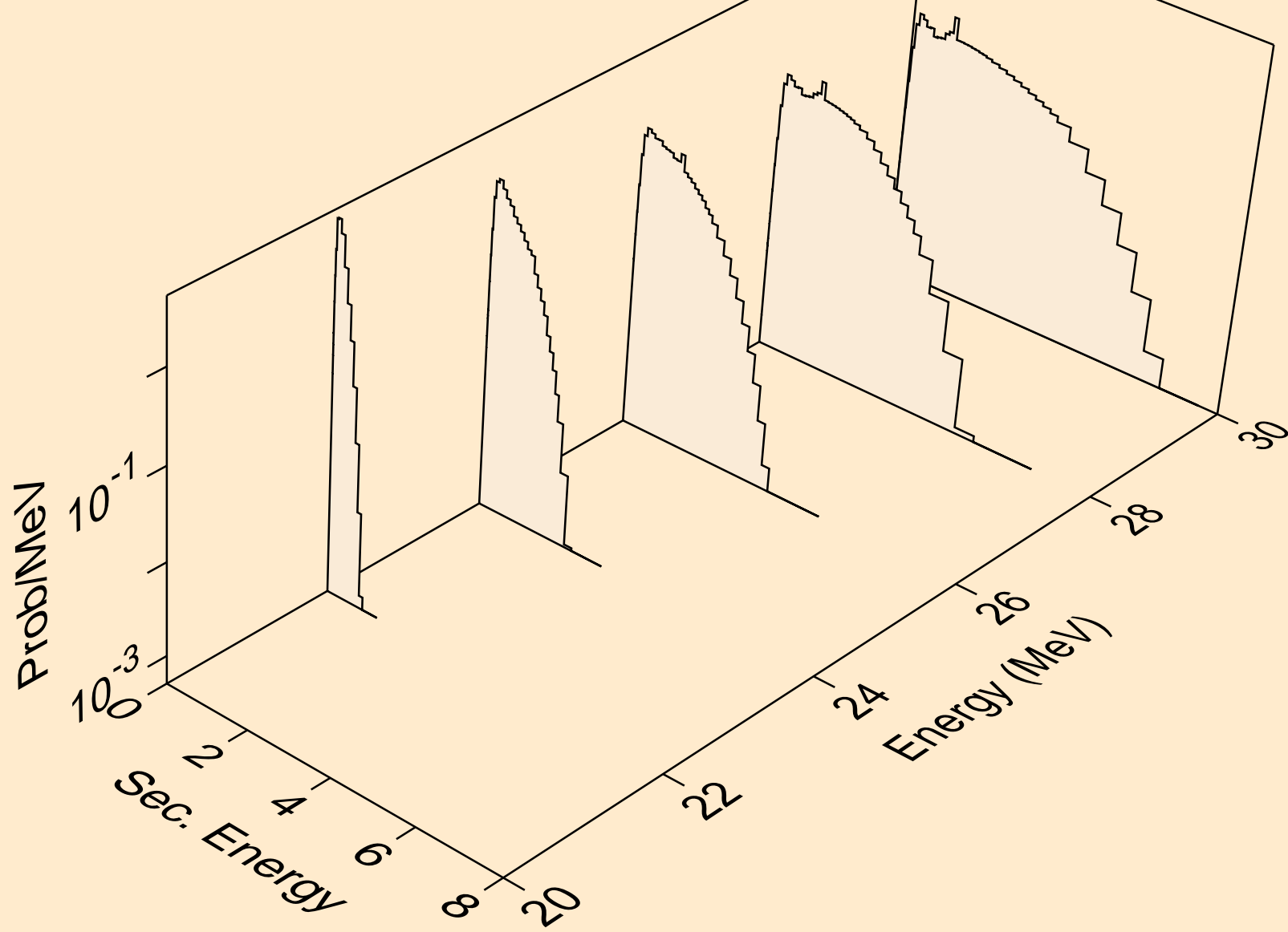
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



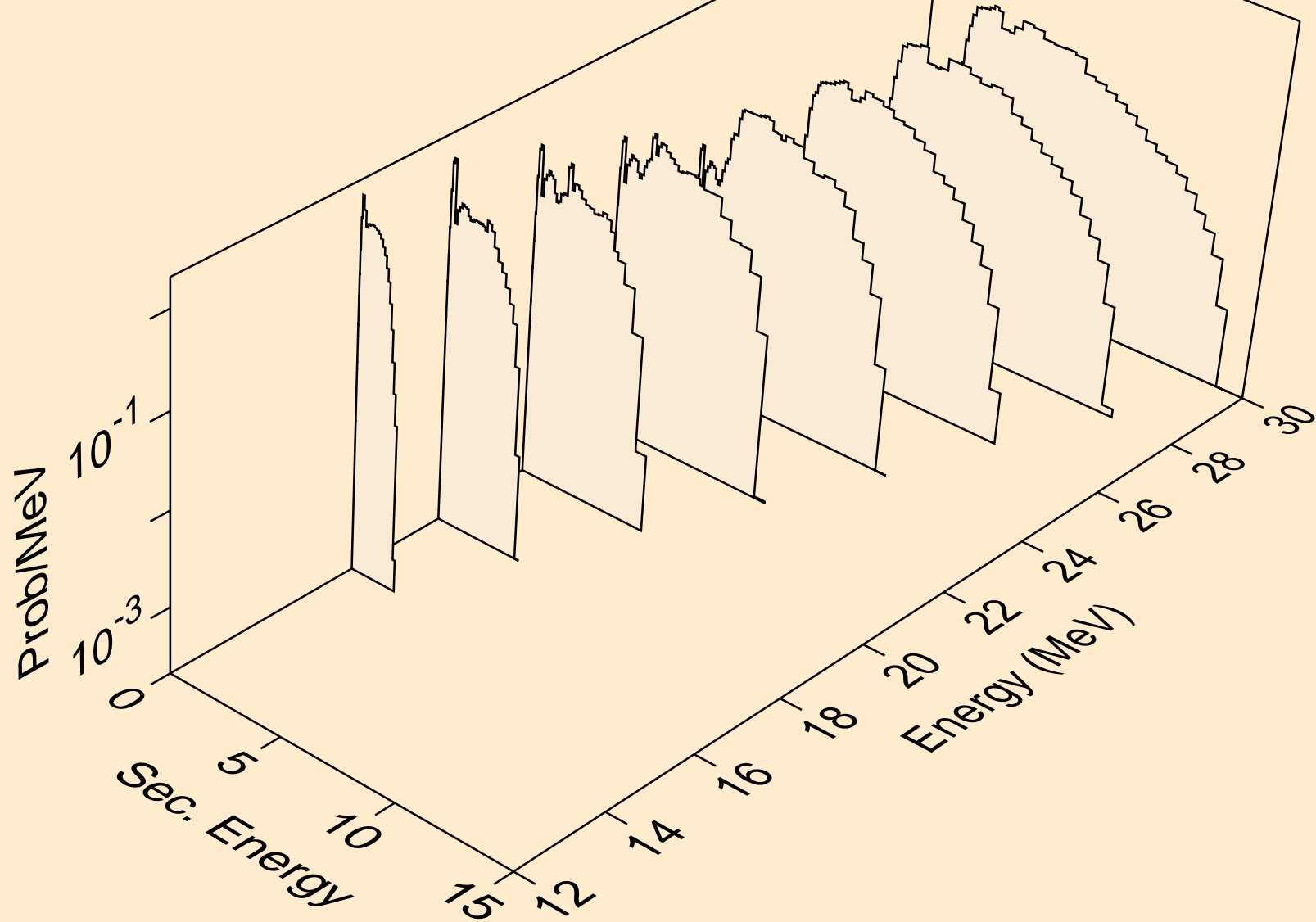
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Neutron emission for (n,2n)a



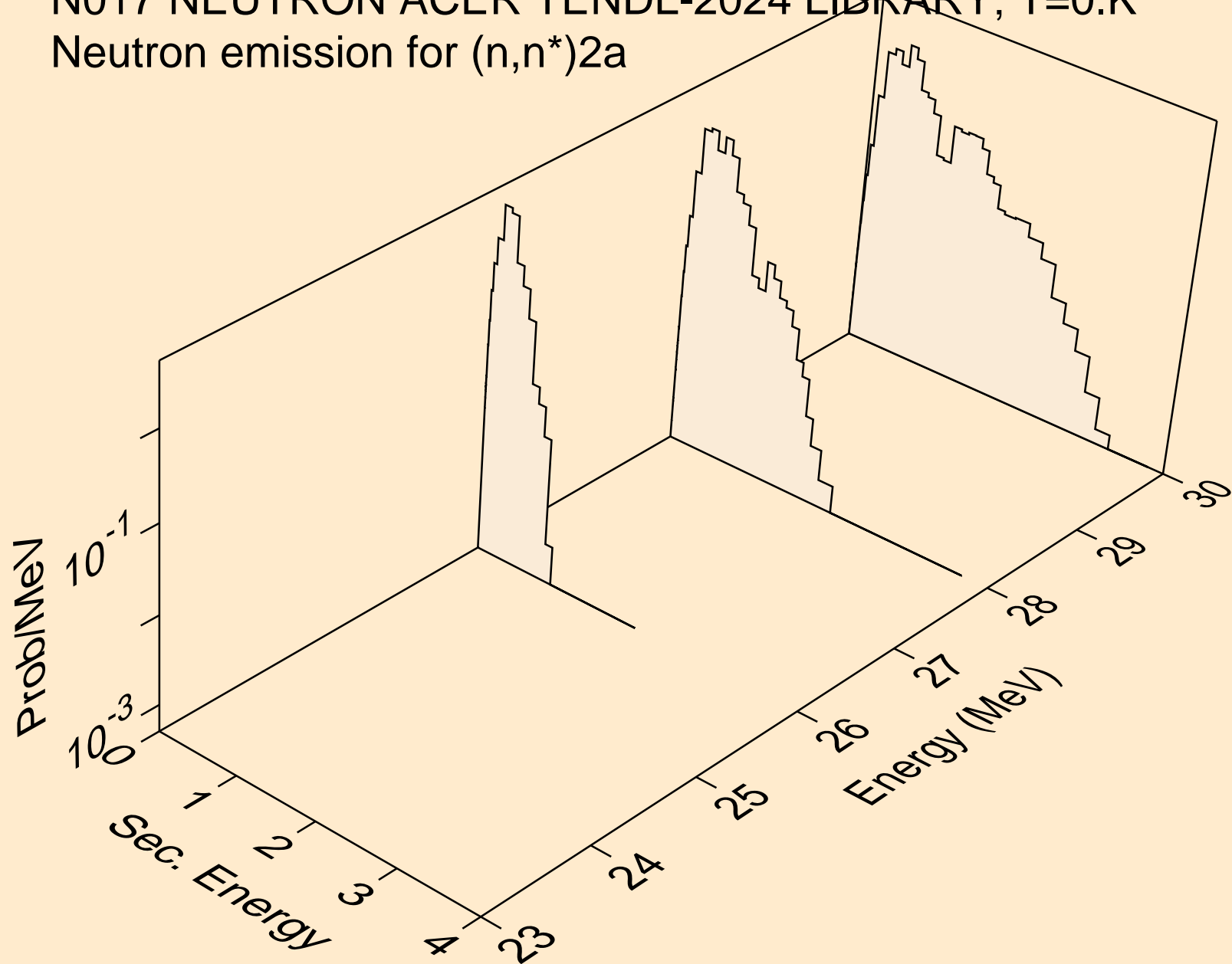
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Neutron emission for (n,3n)a



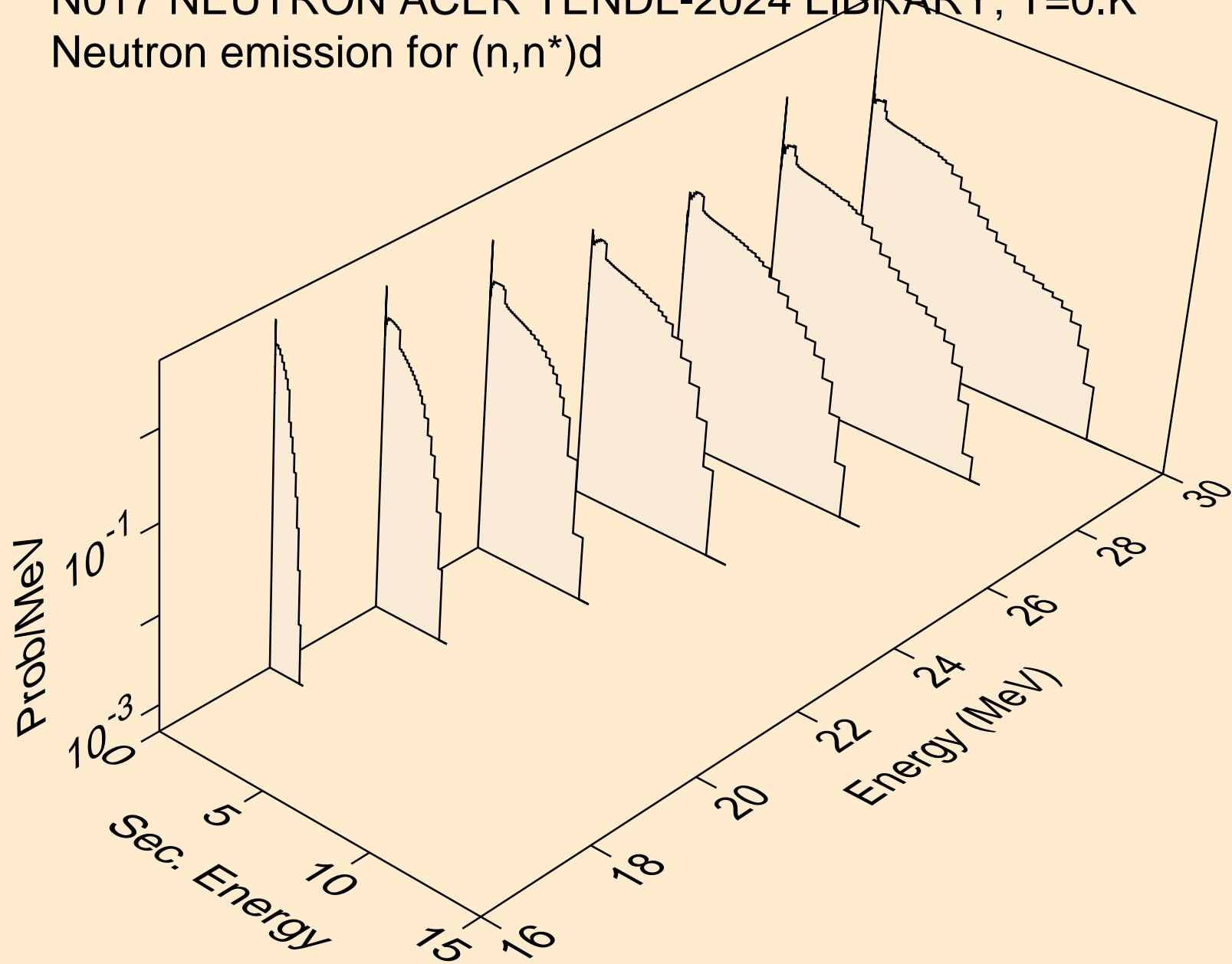
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

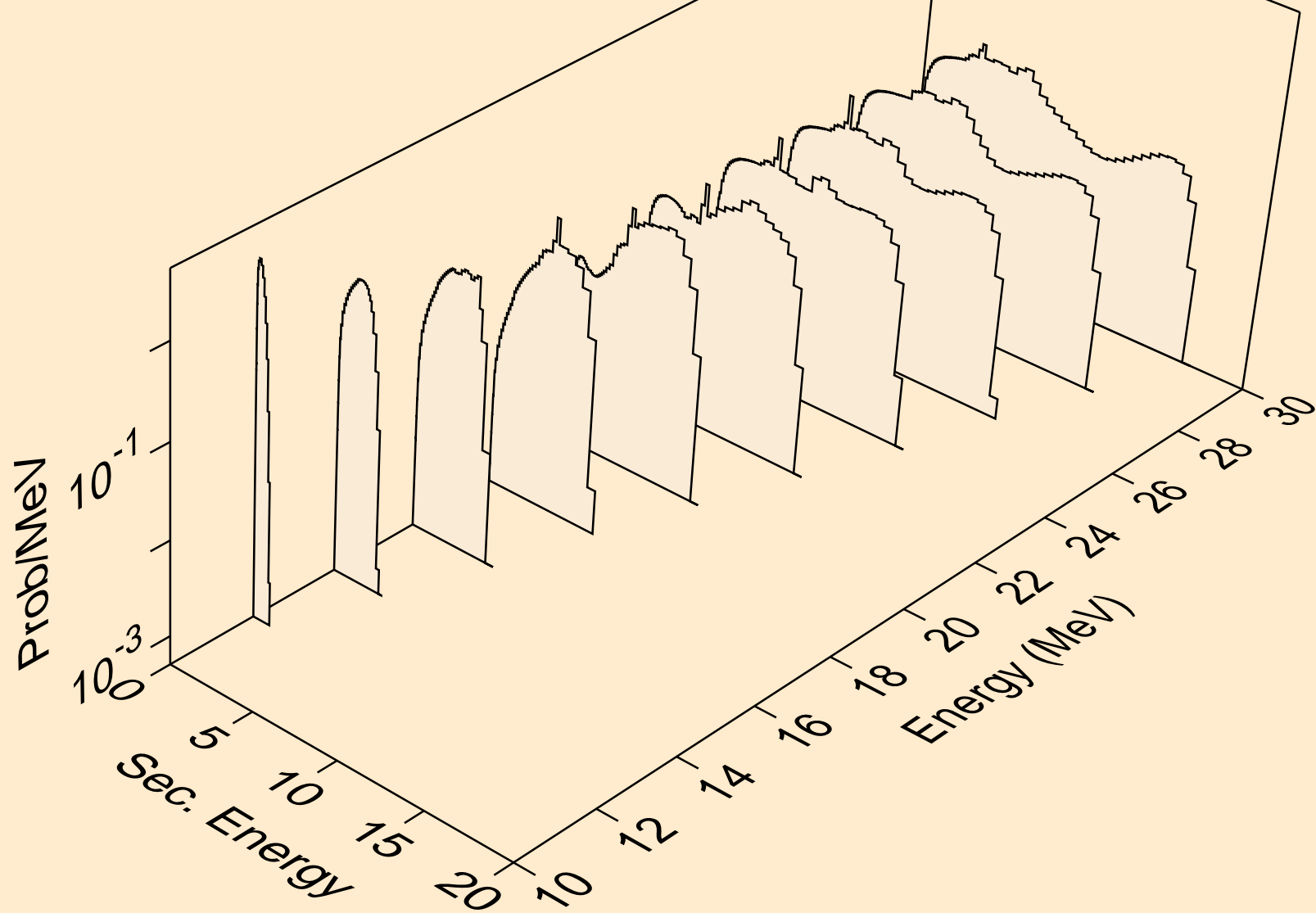


N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d

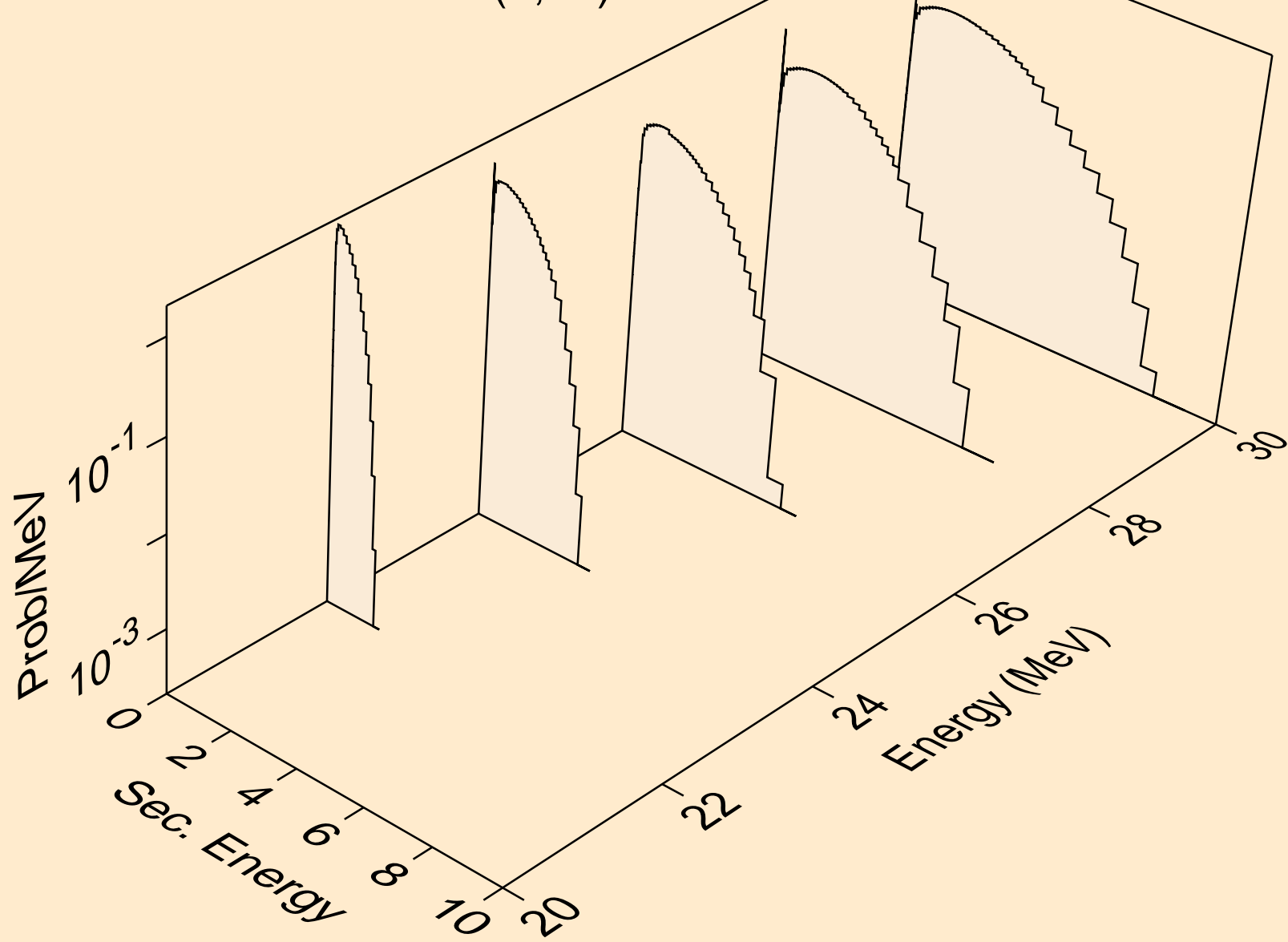




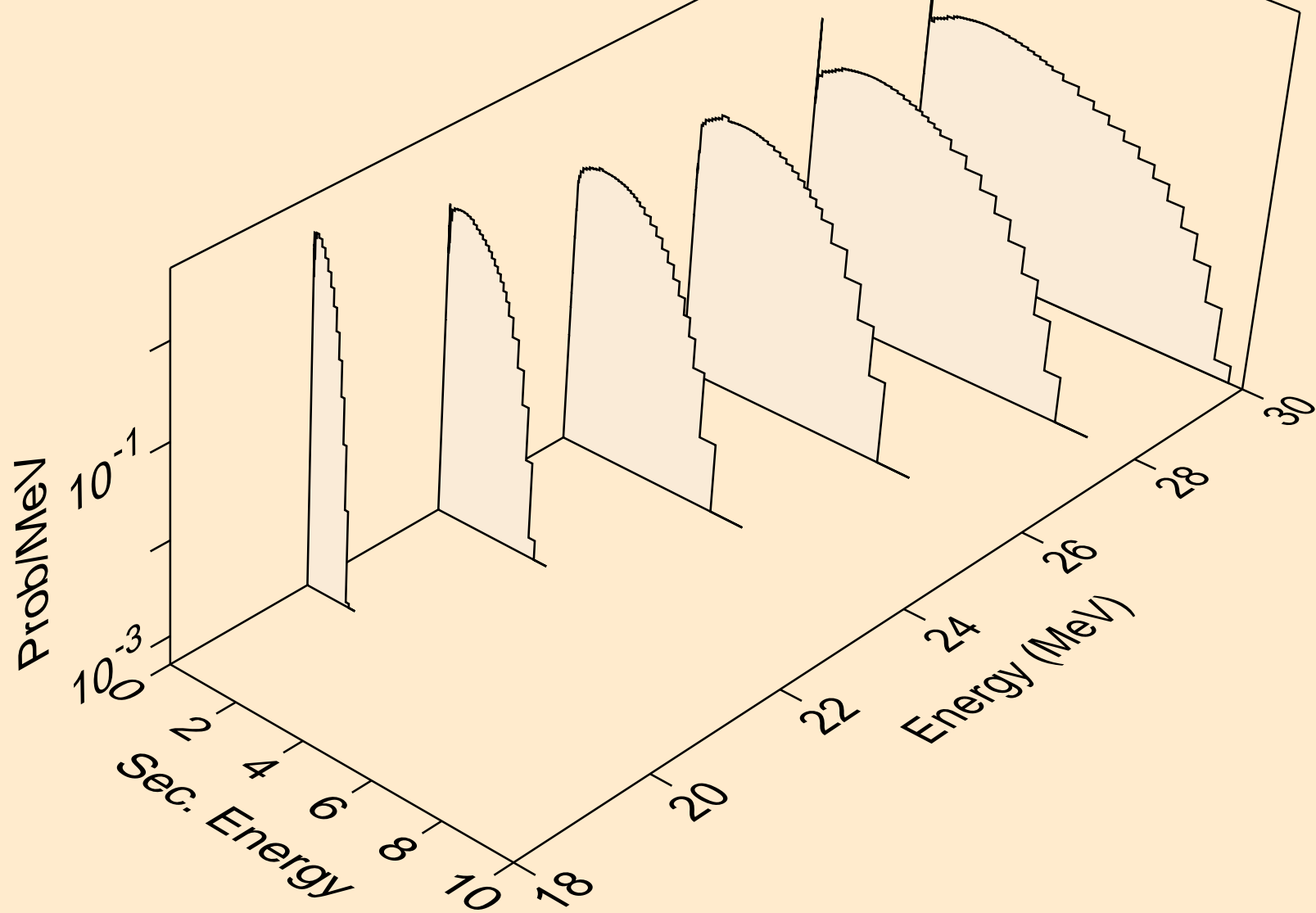
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Neutron emission for (n,n\*)t



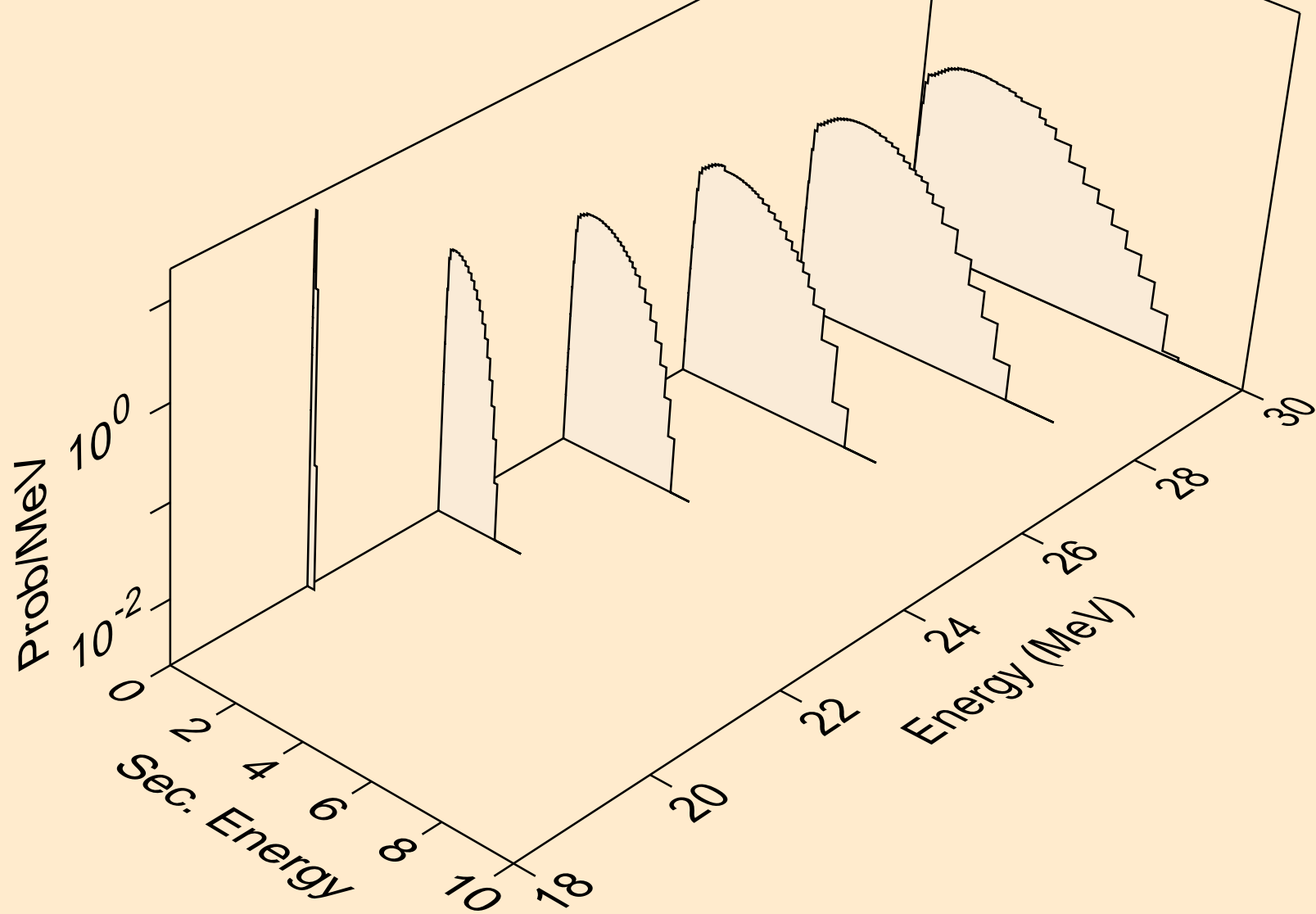
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Neutron emission for (n,4n)



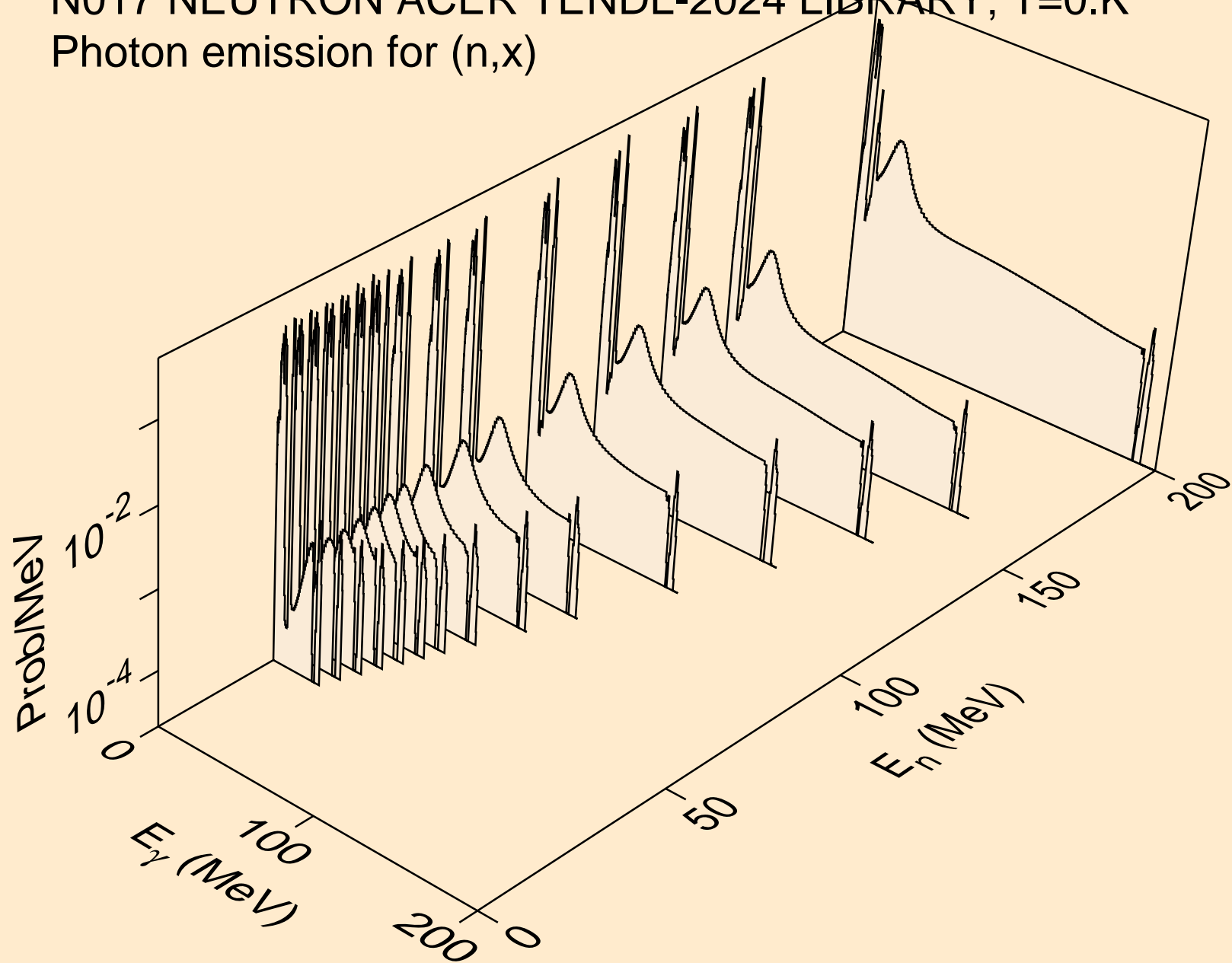
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



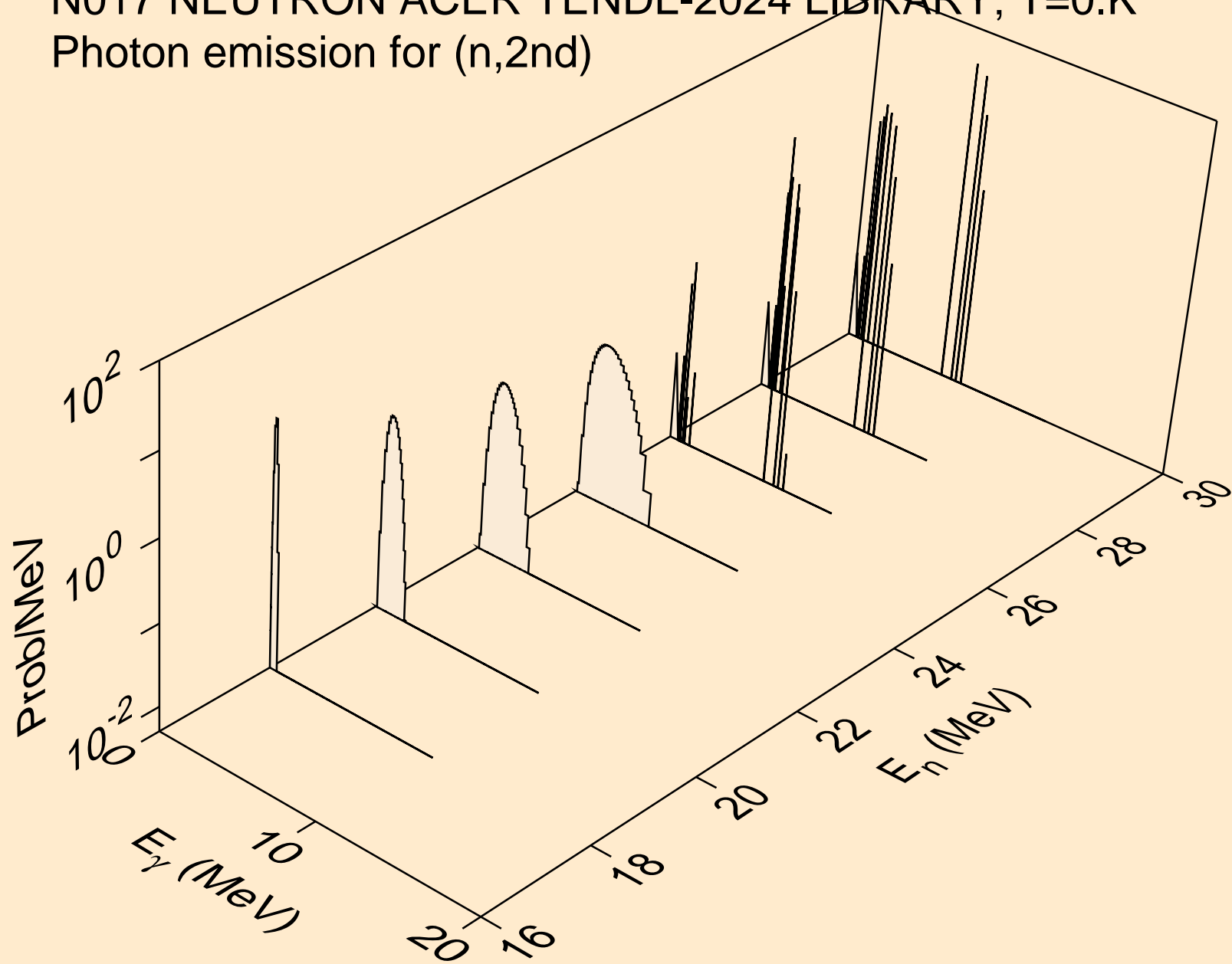
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



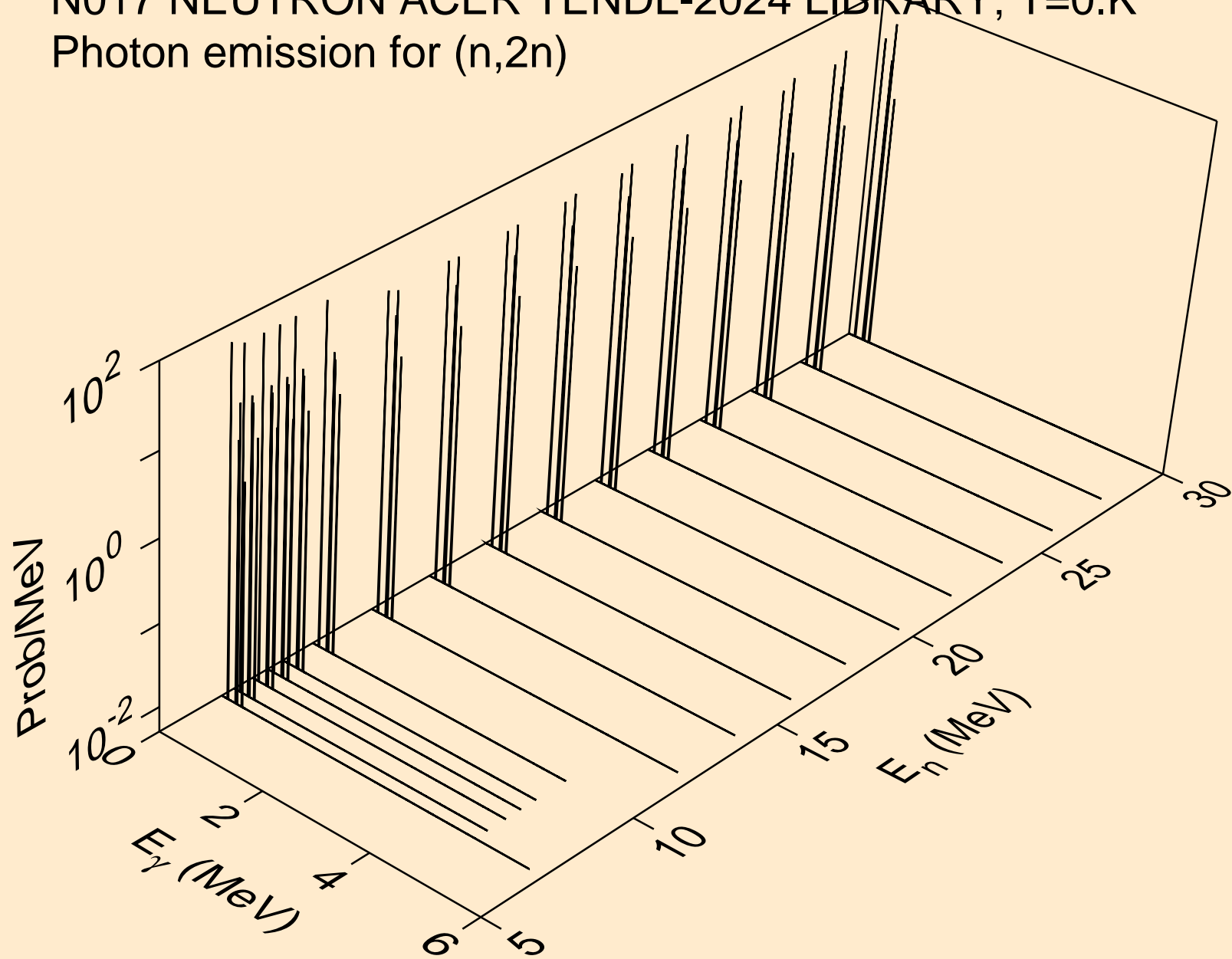
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



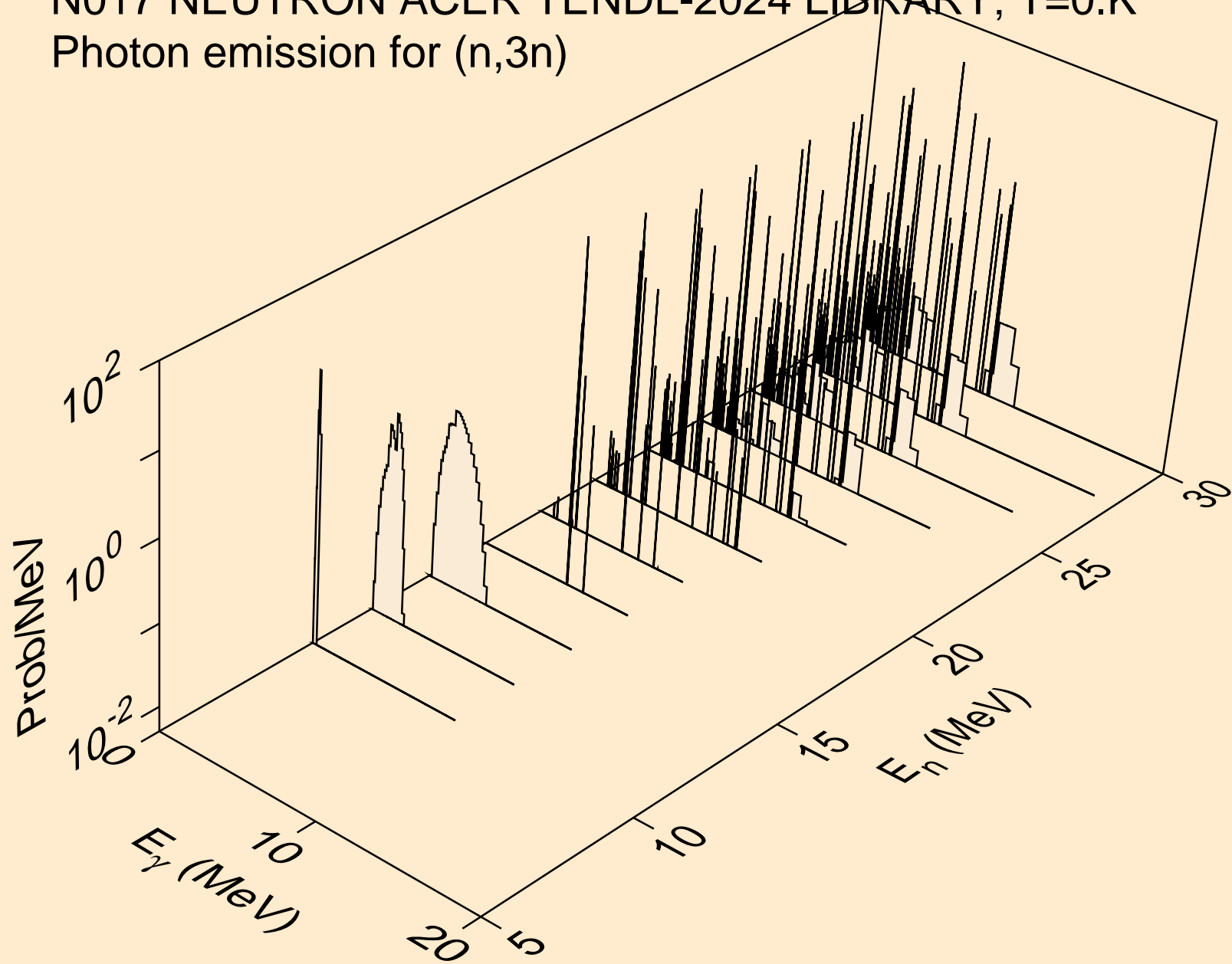
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

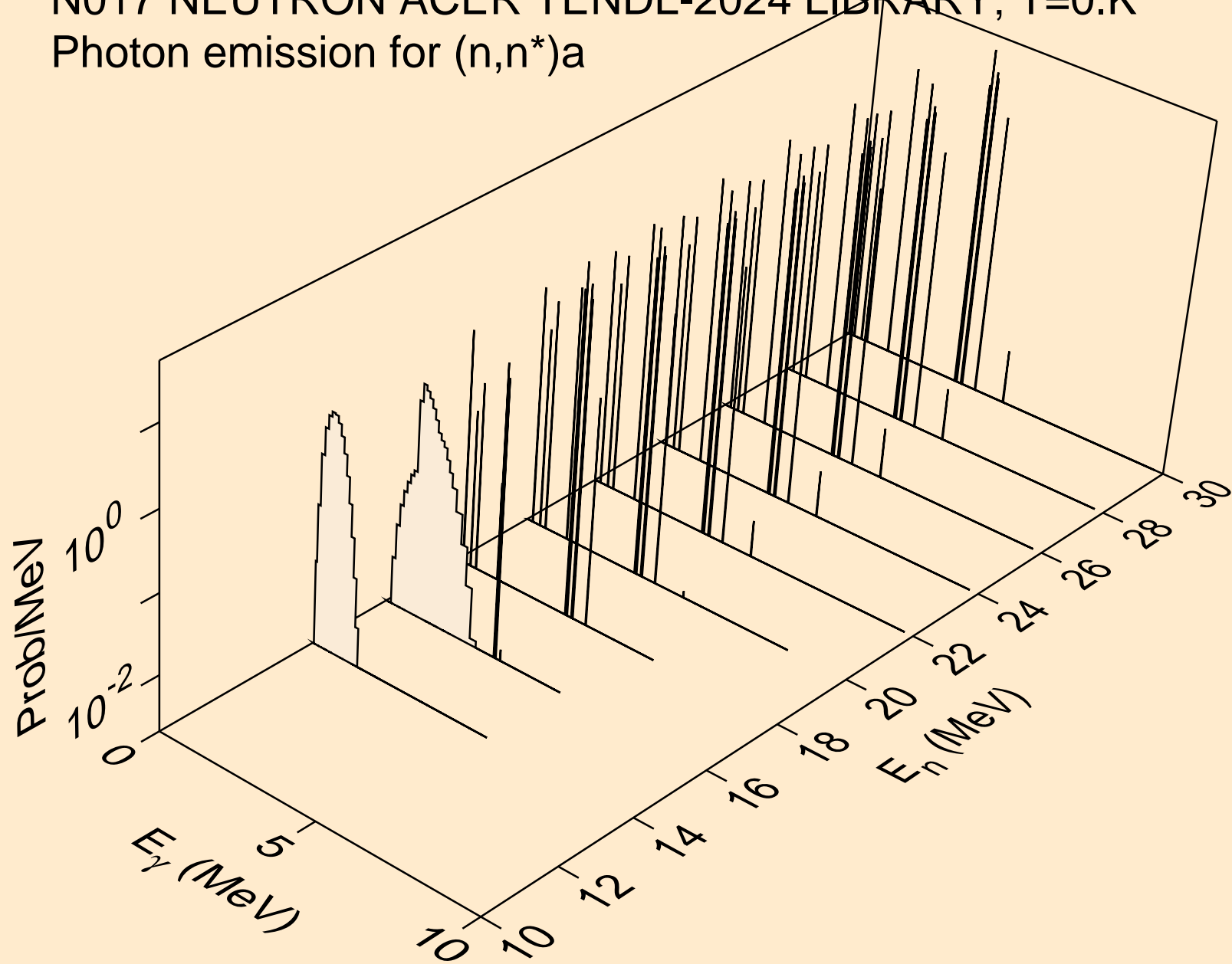


N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

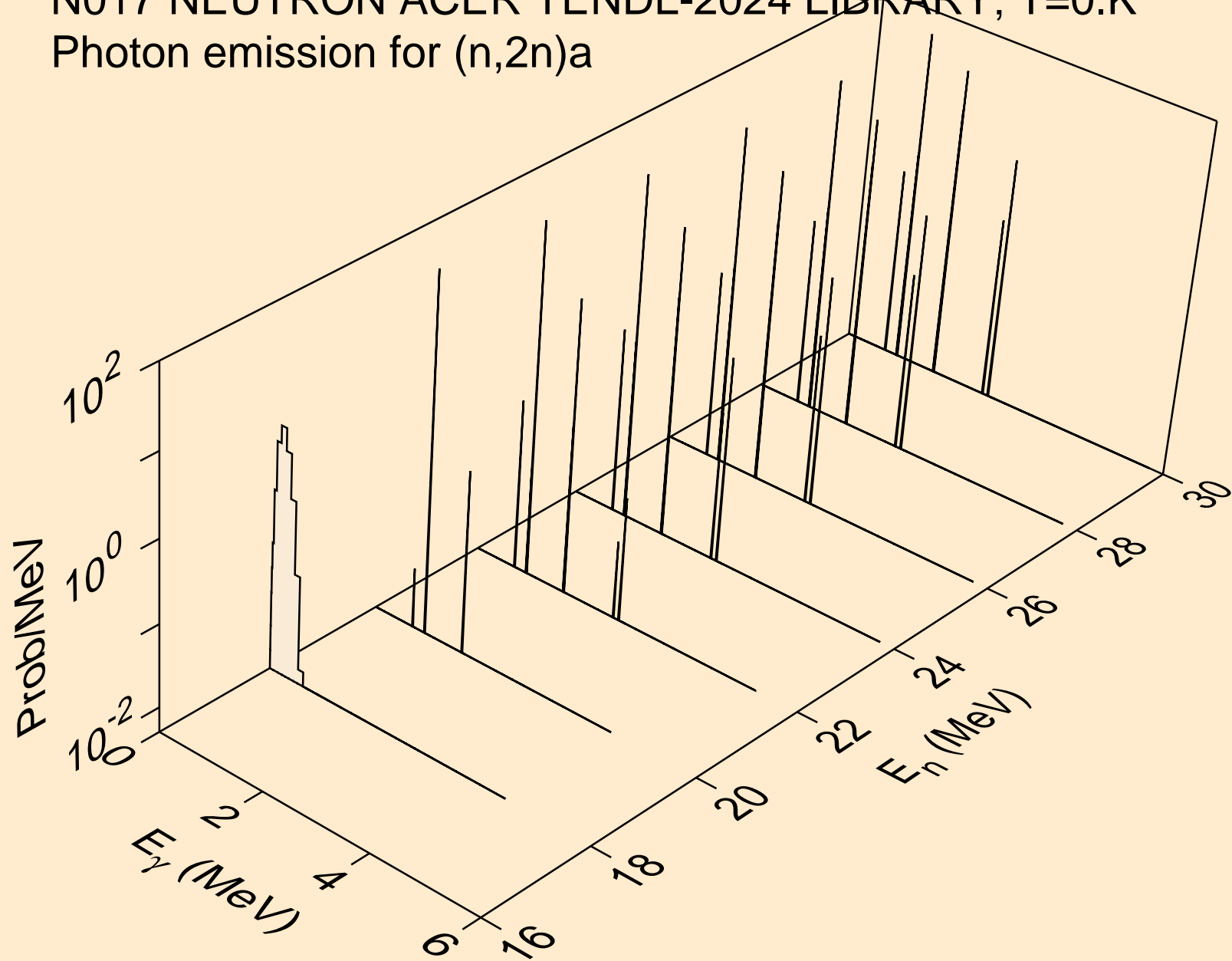




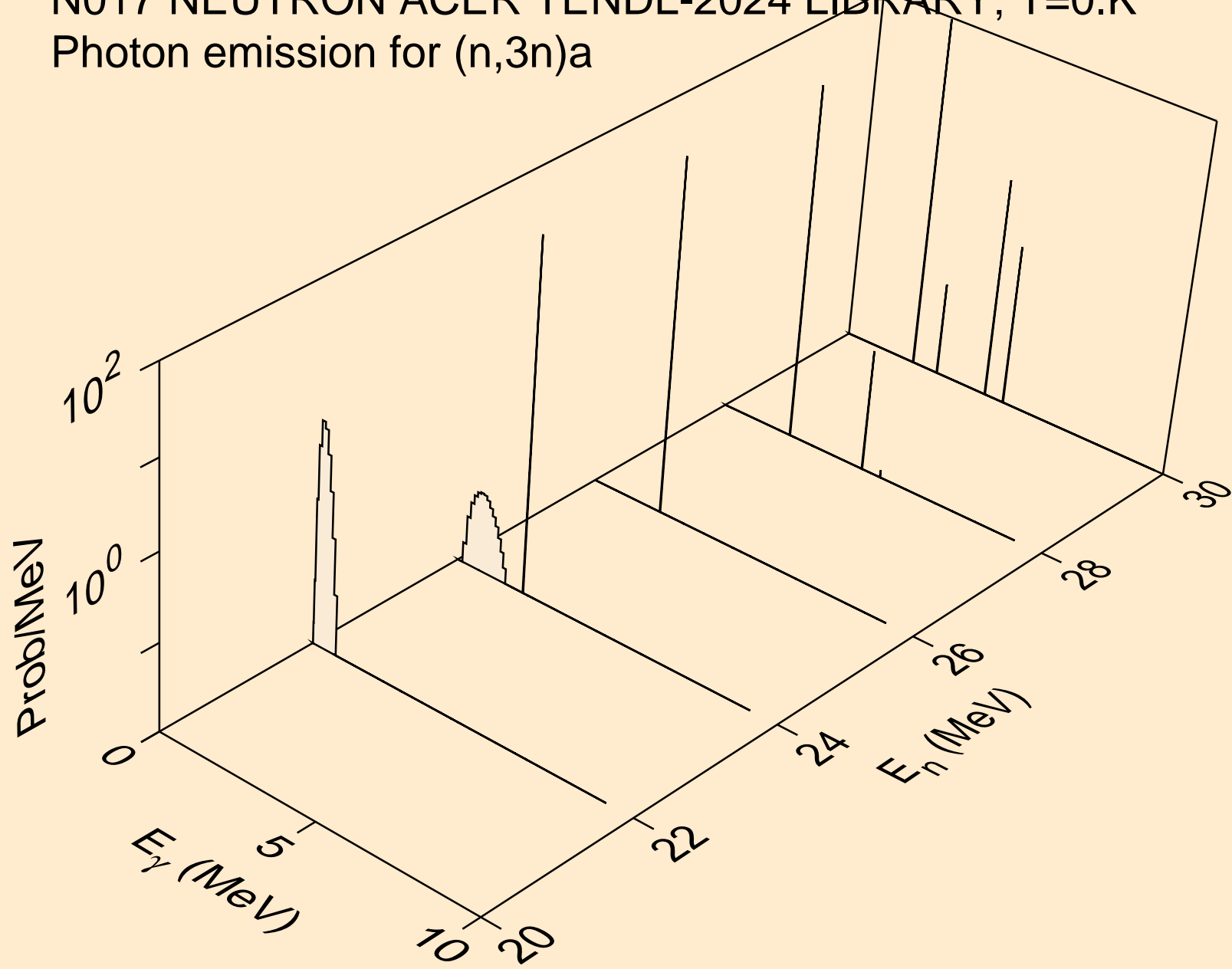
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



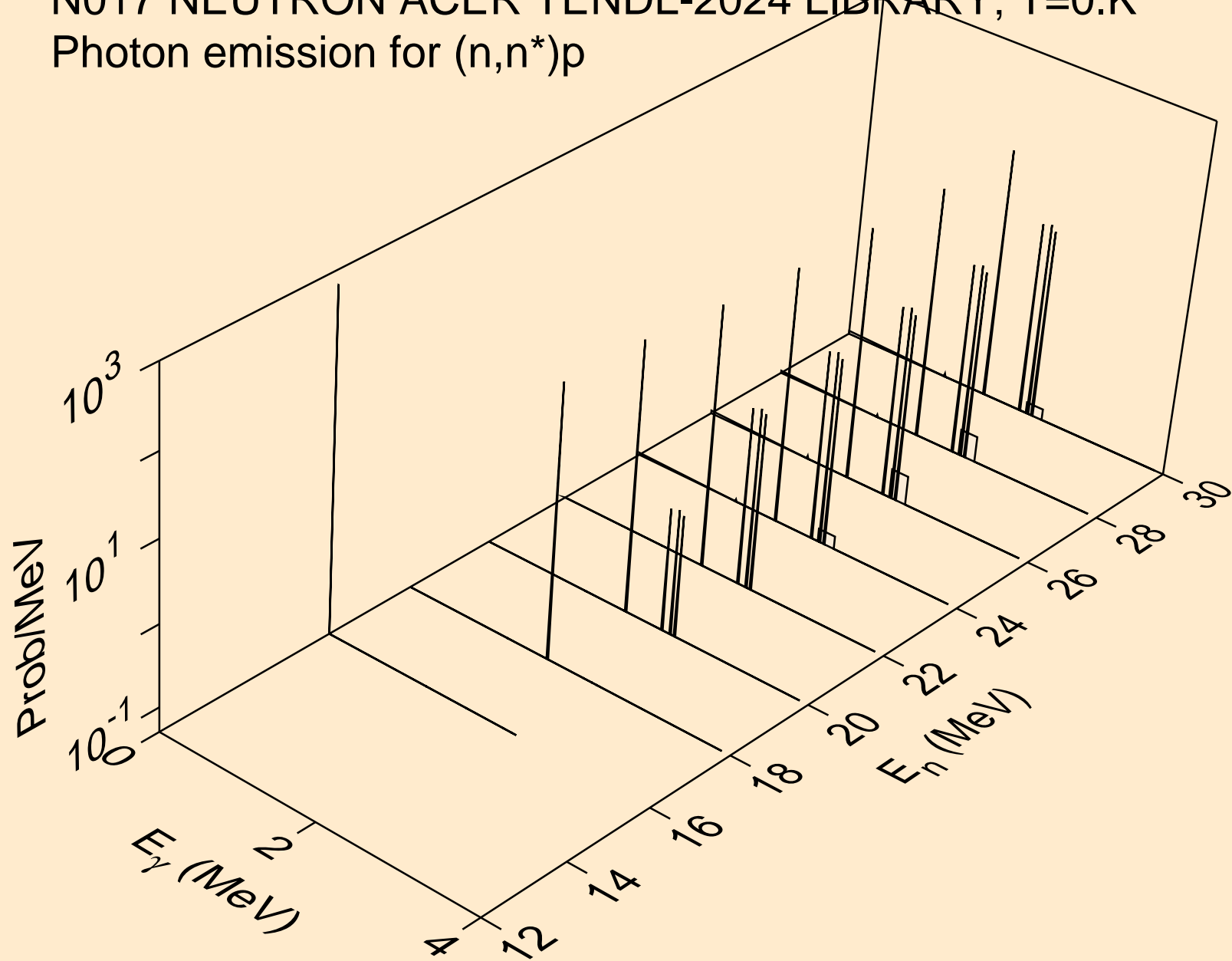
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Photon emission for (n,2n)a



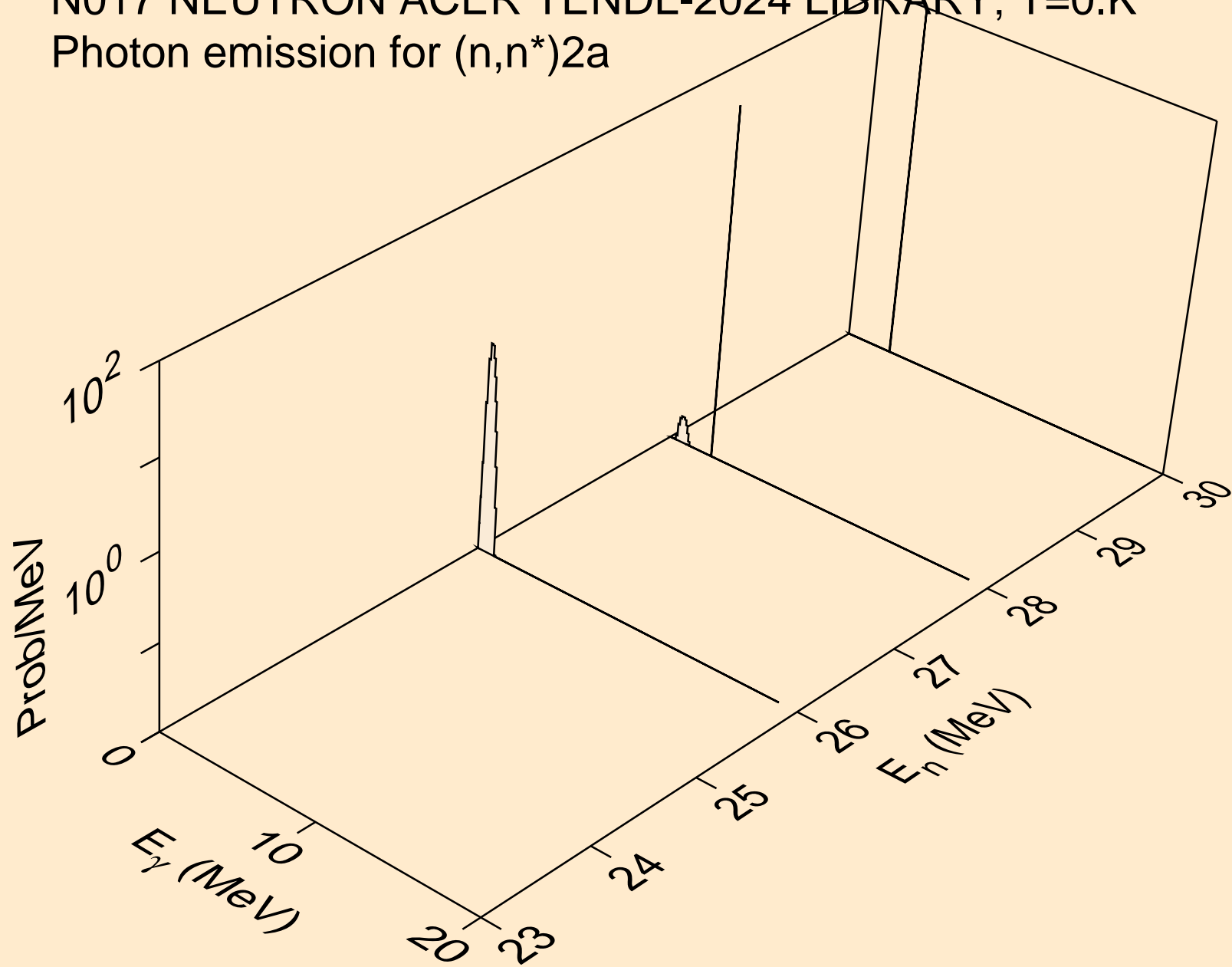
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



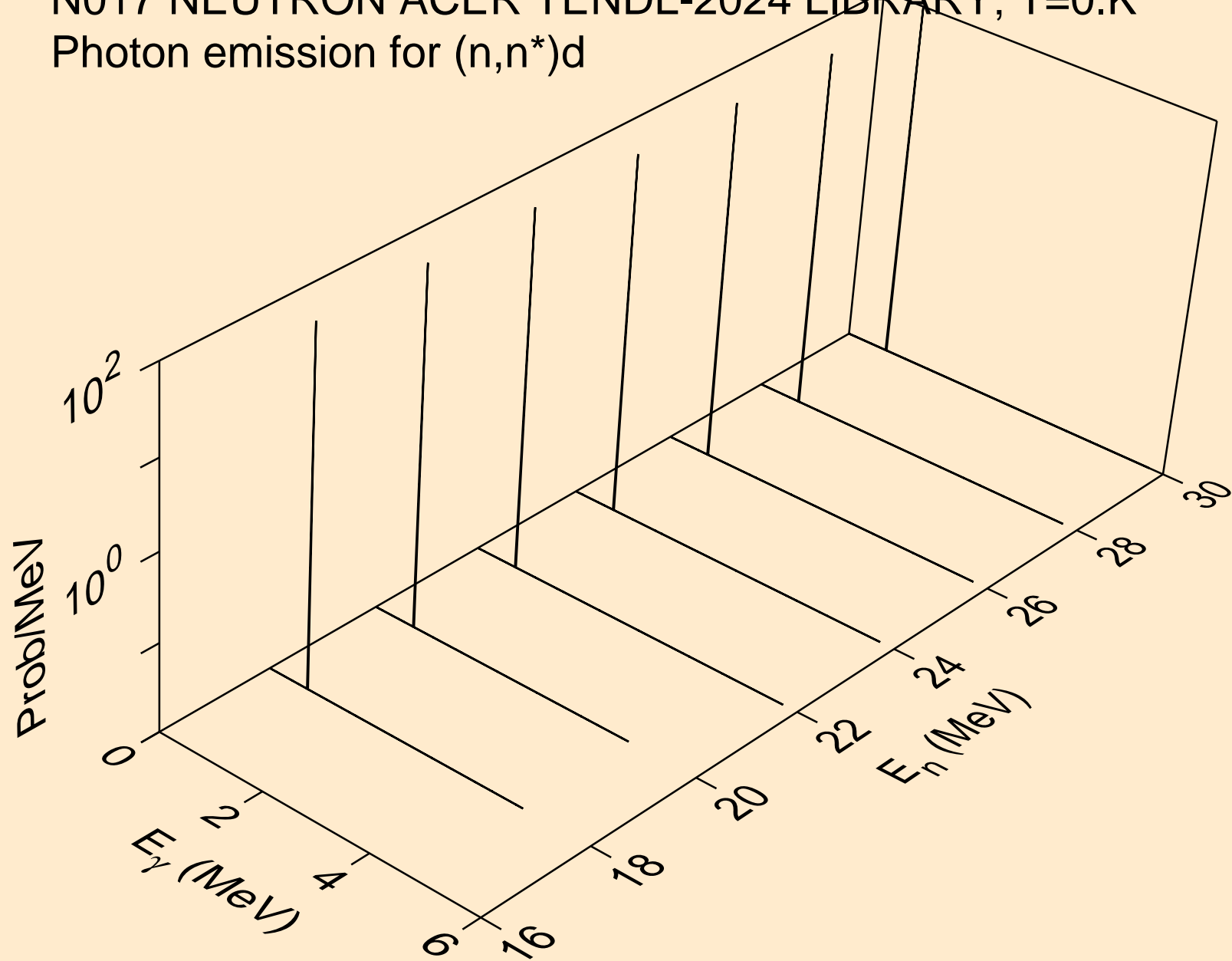
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



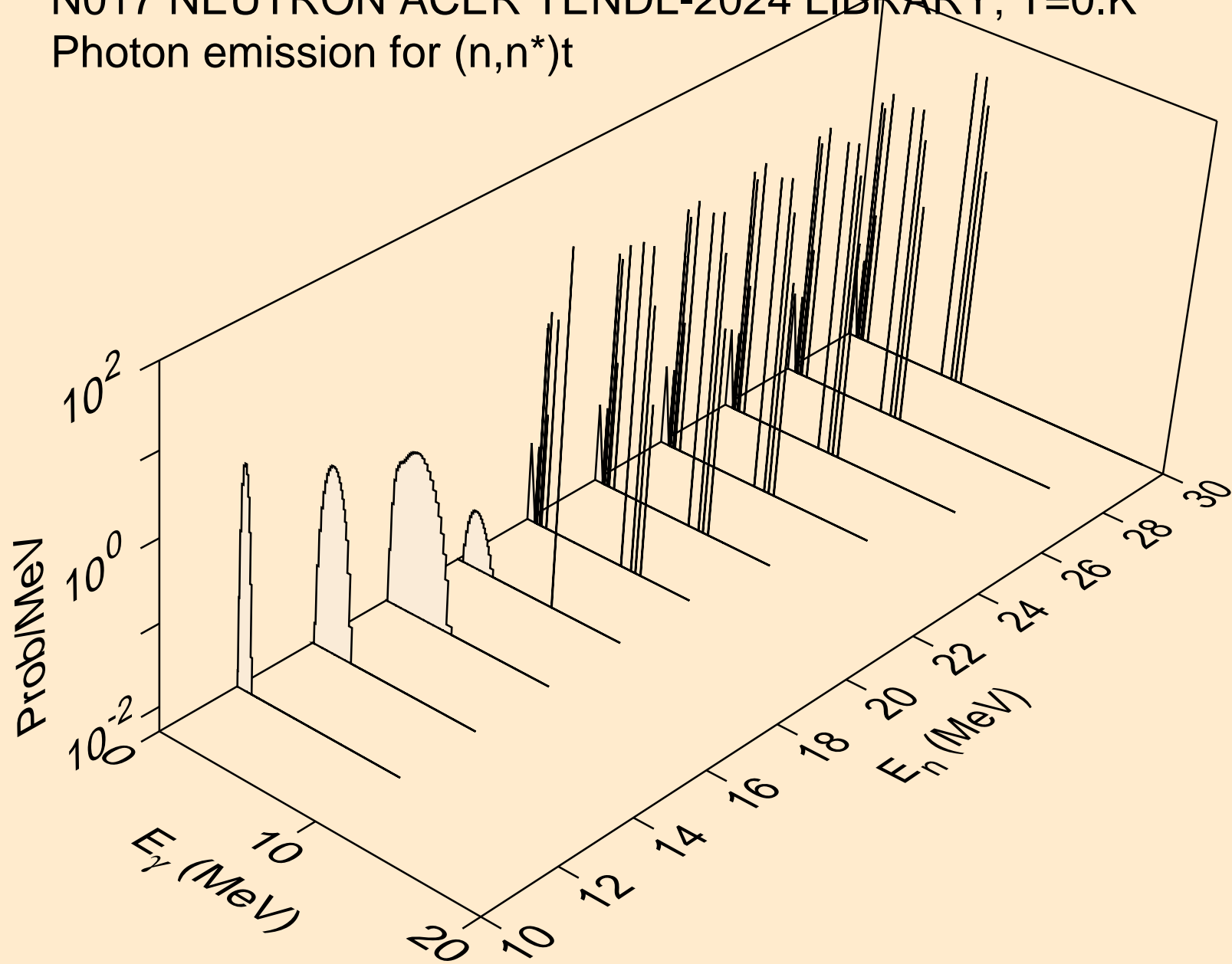
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



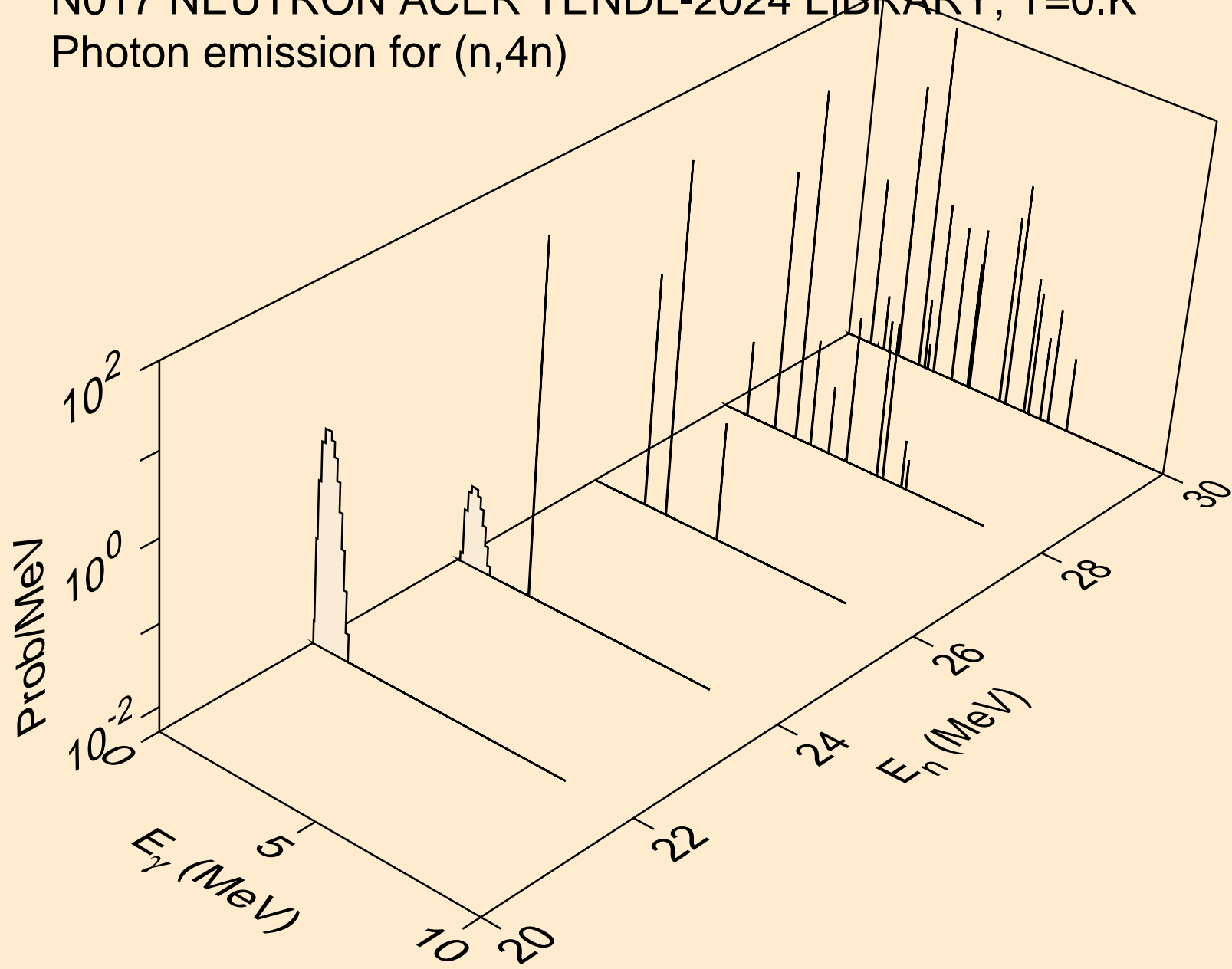
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

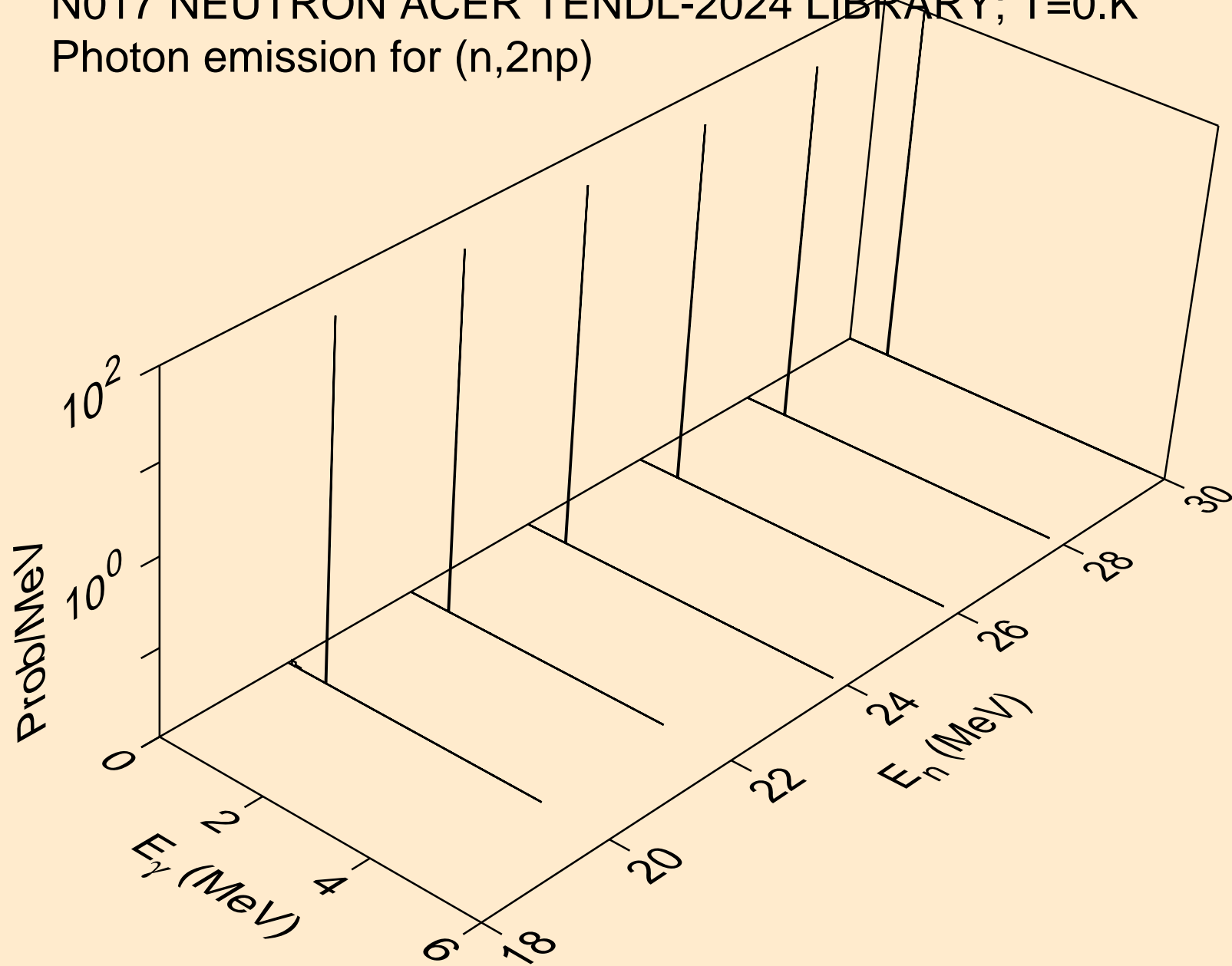


N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

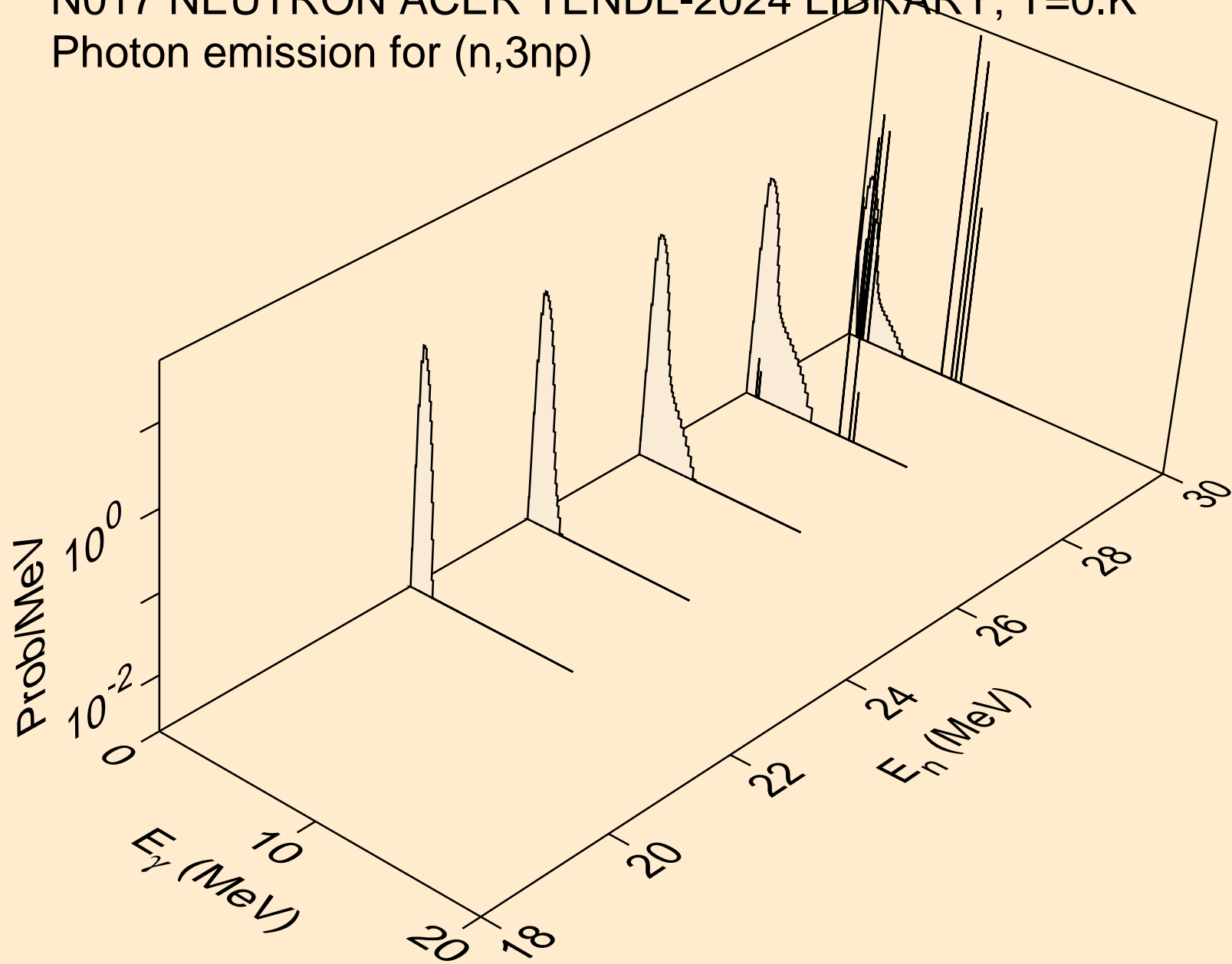




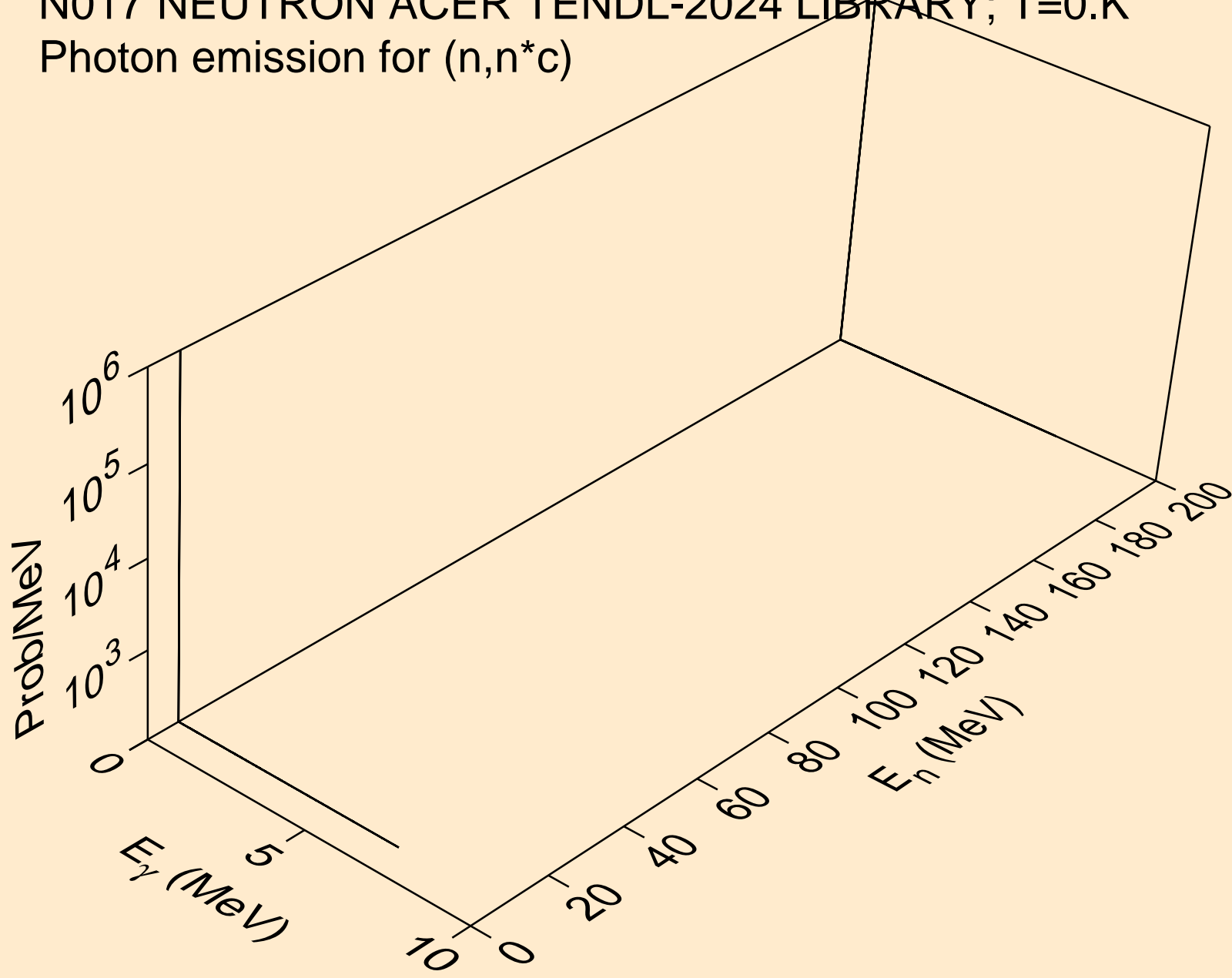
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



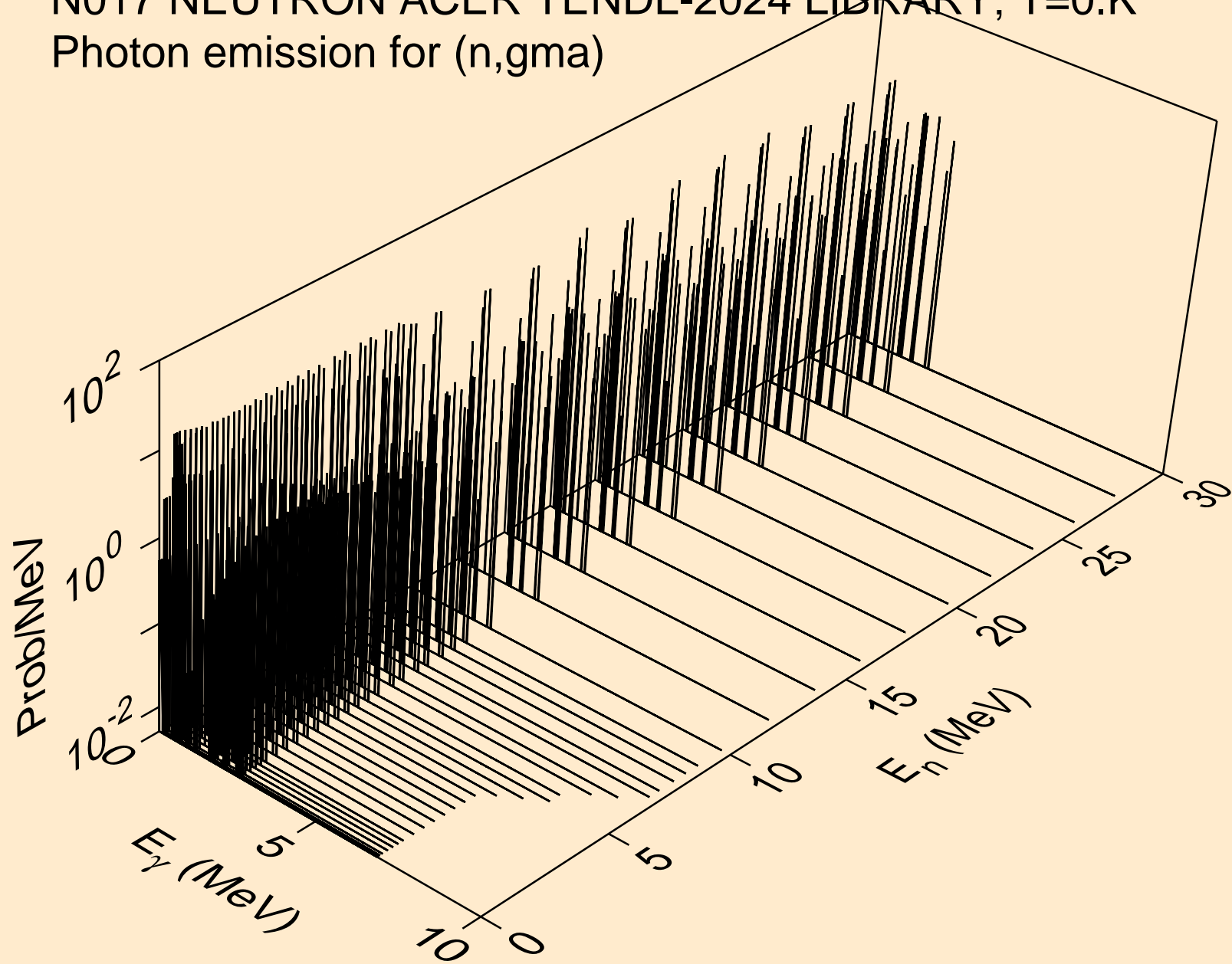
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Photon emission for (n,3np)



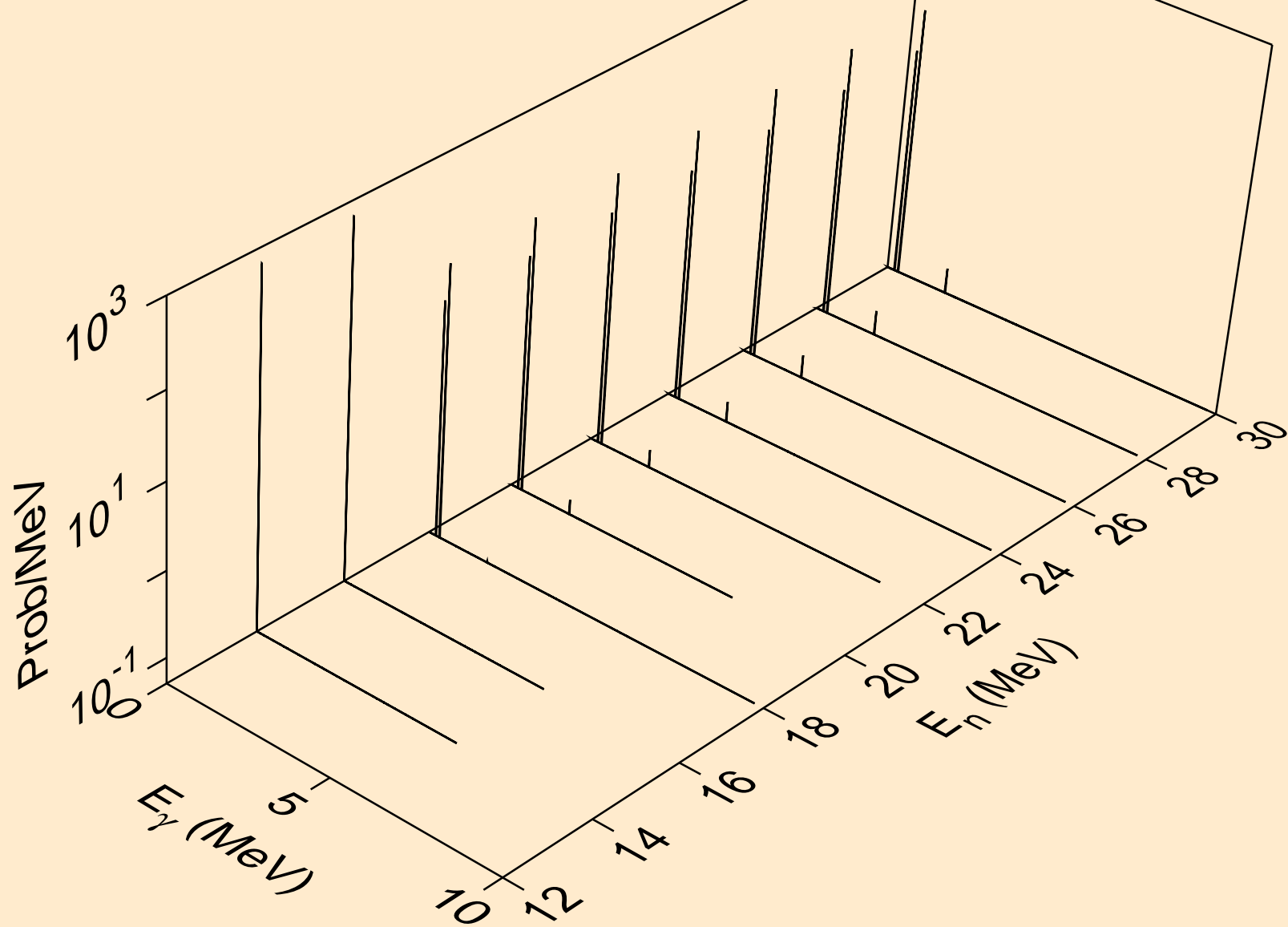
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



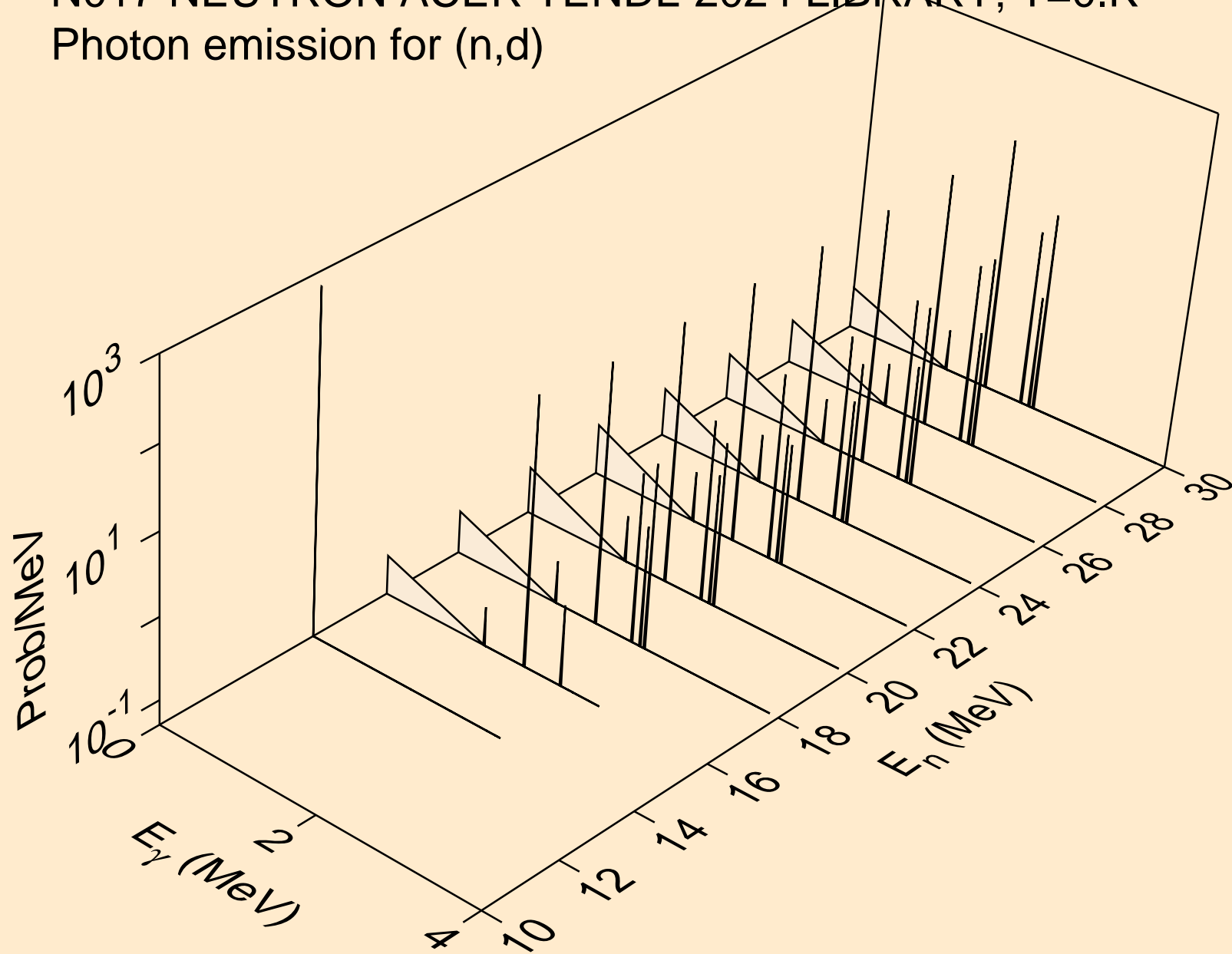
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Photon emission for (n,gma)



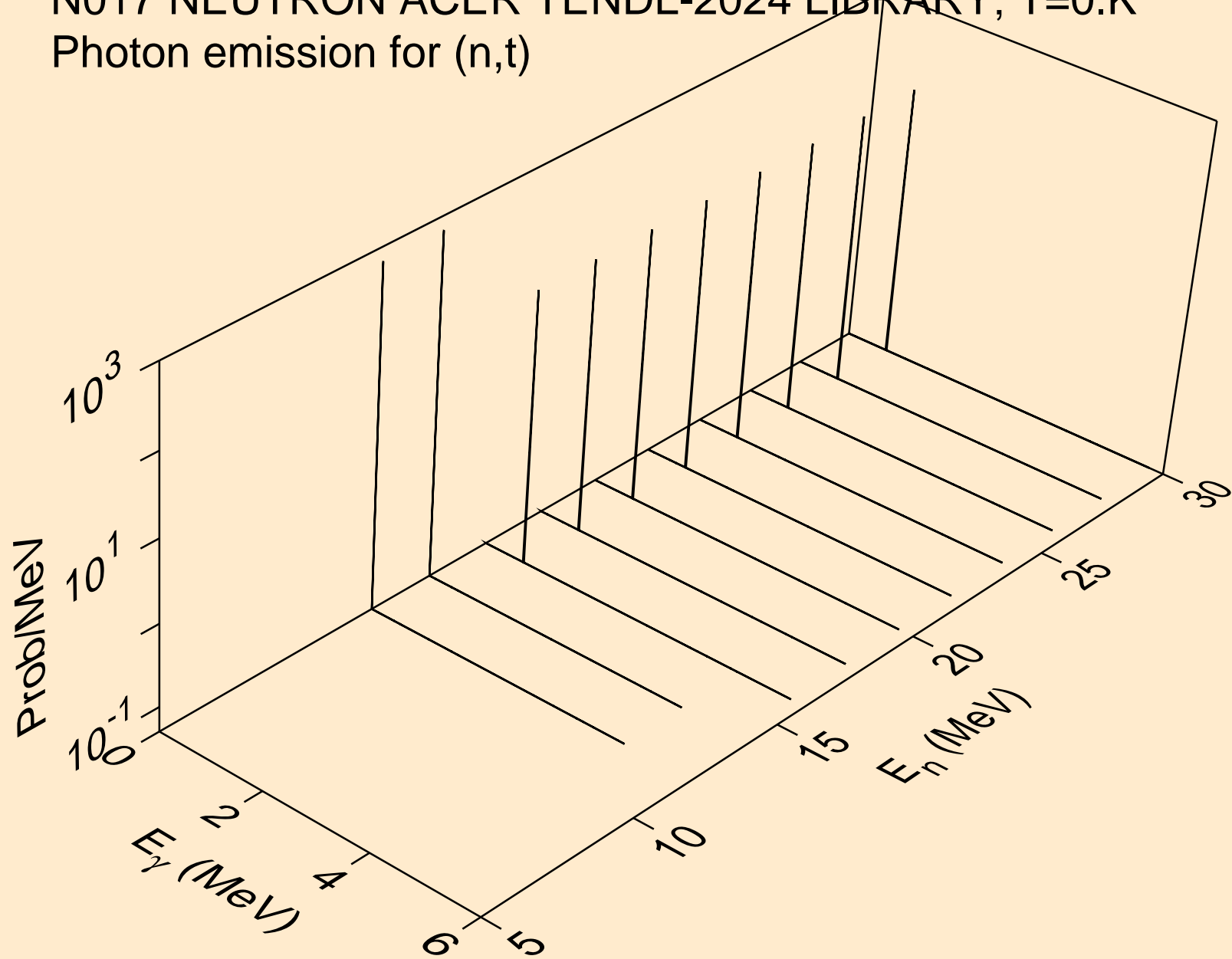
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



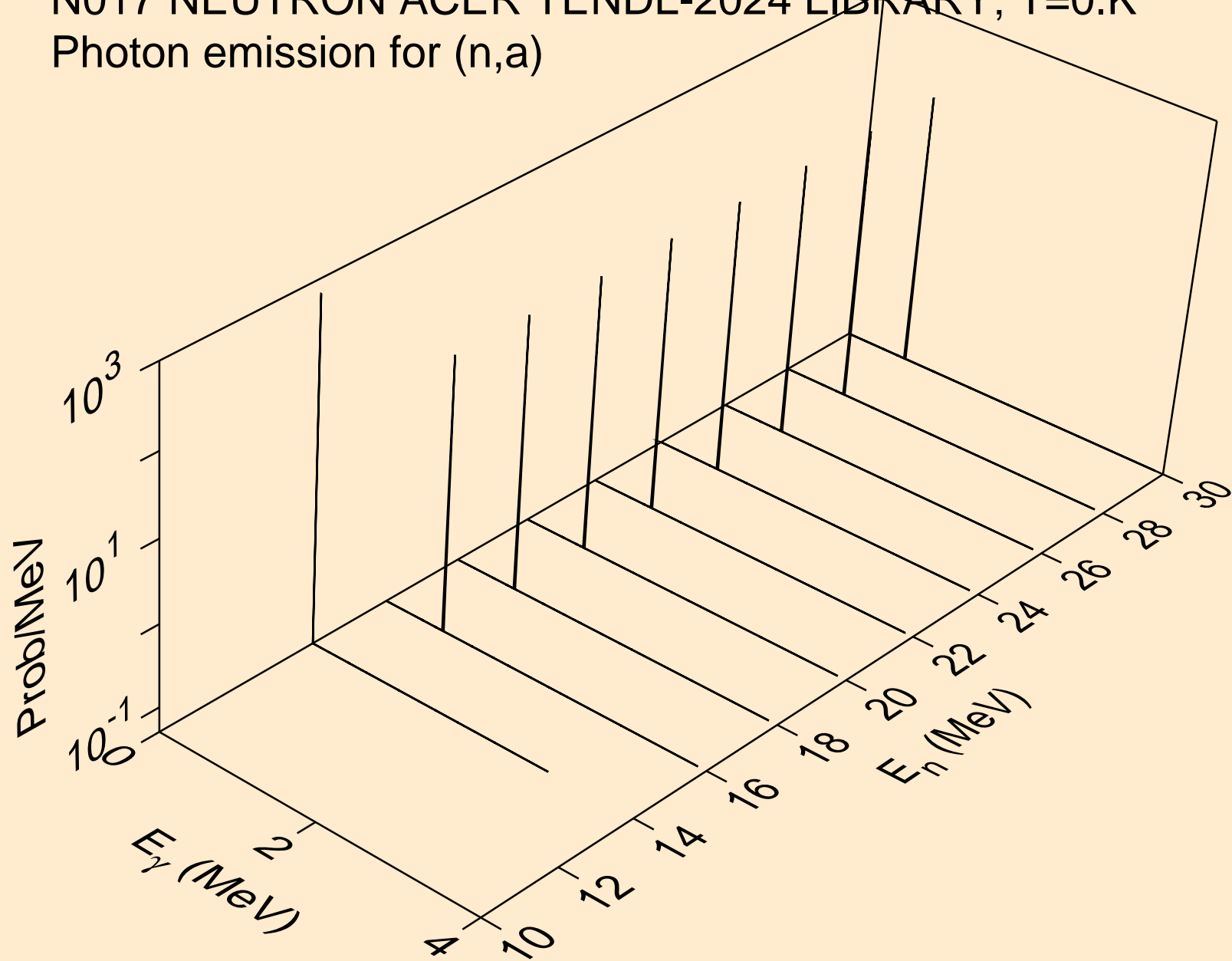
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

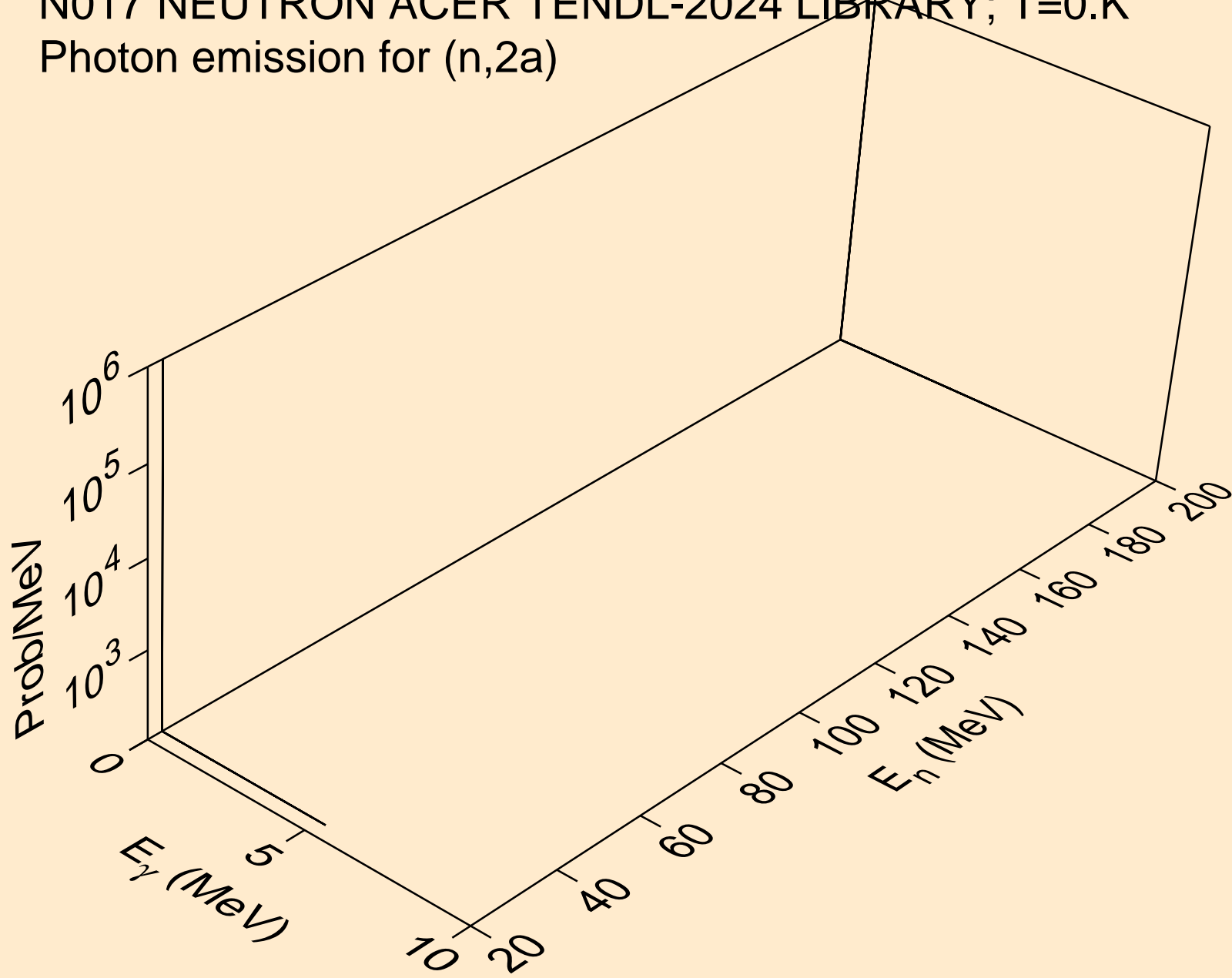


N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

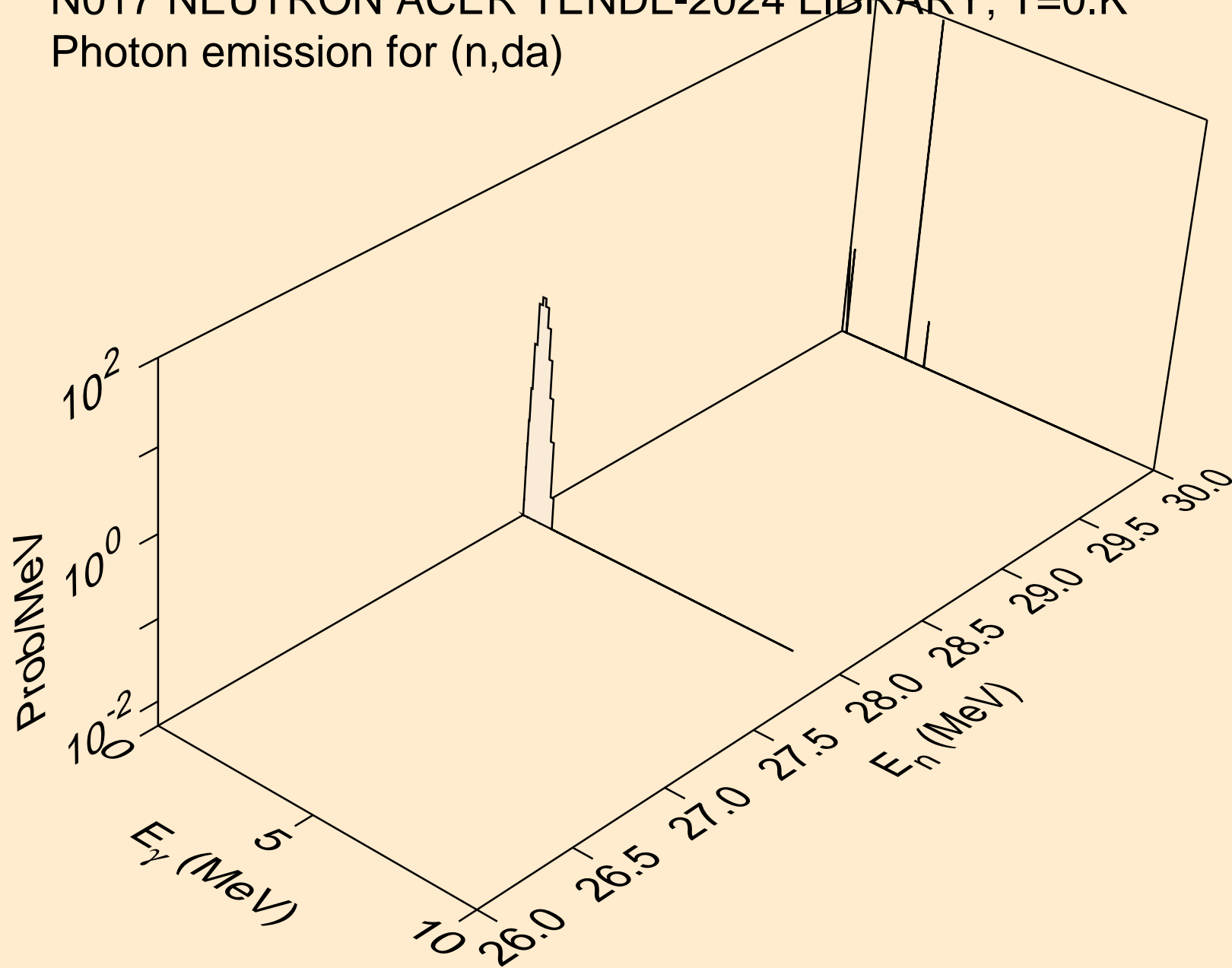




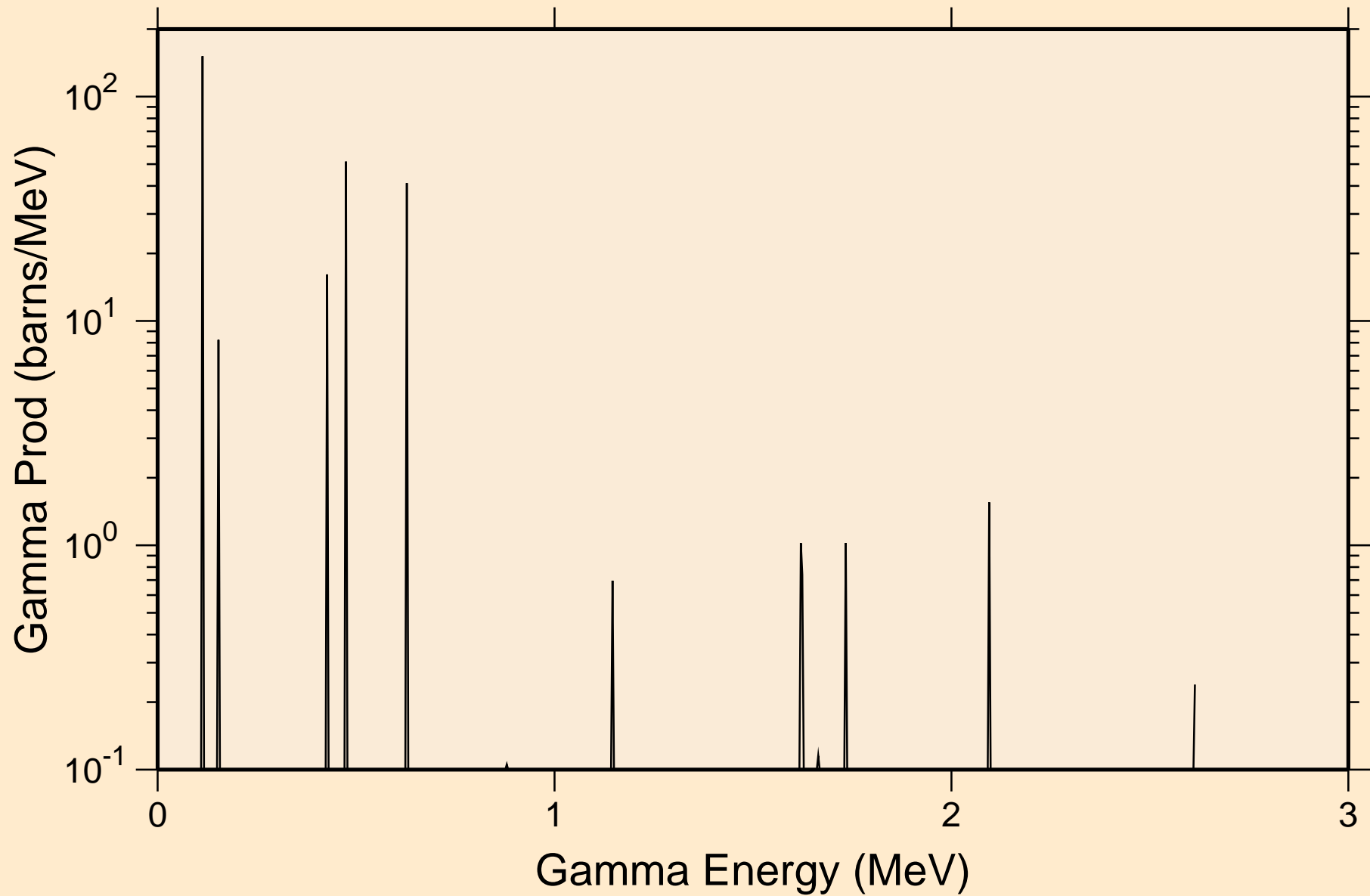
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



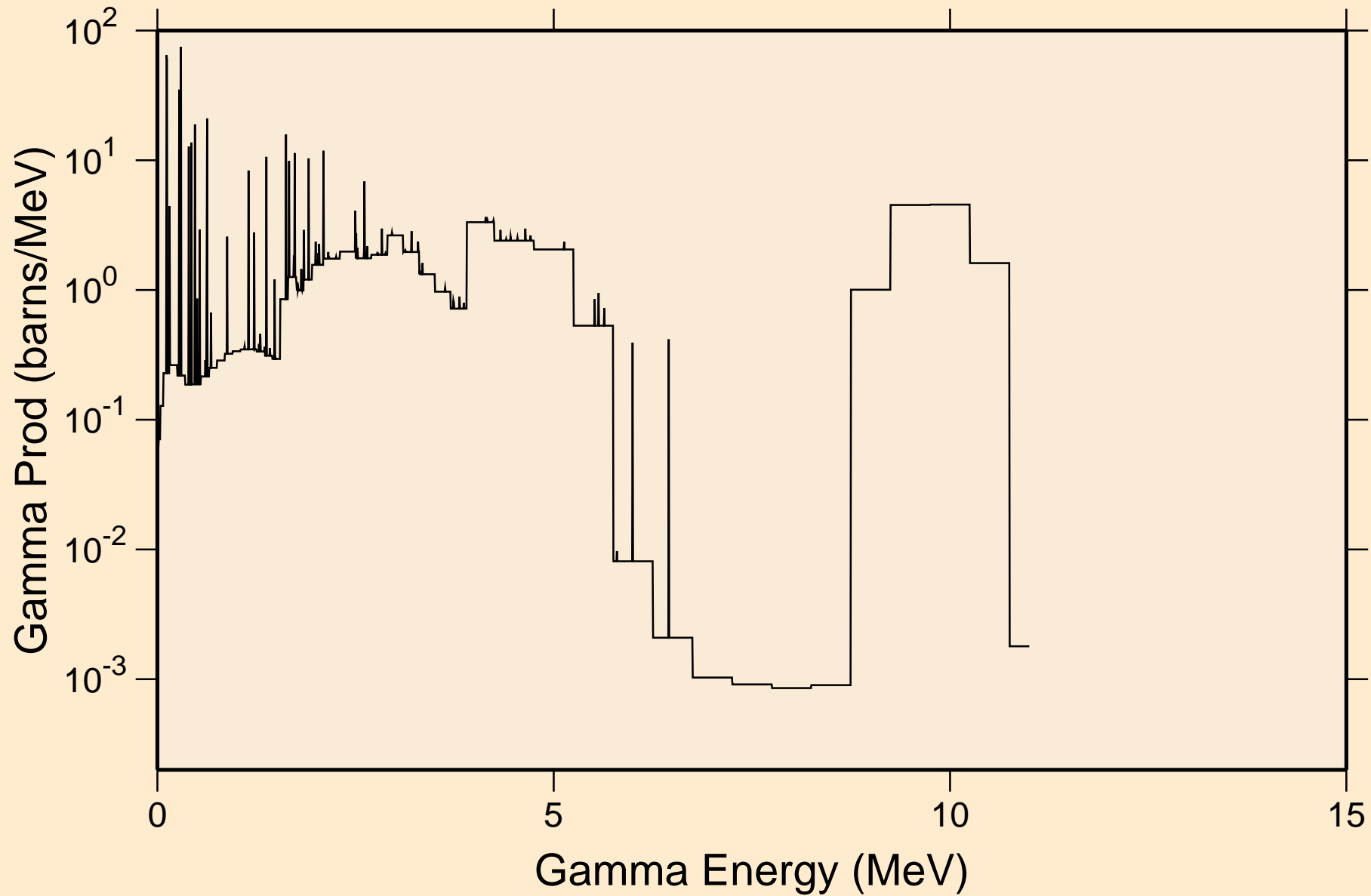
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

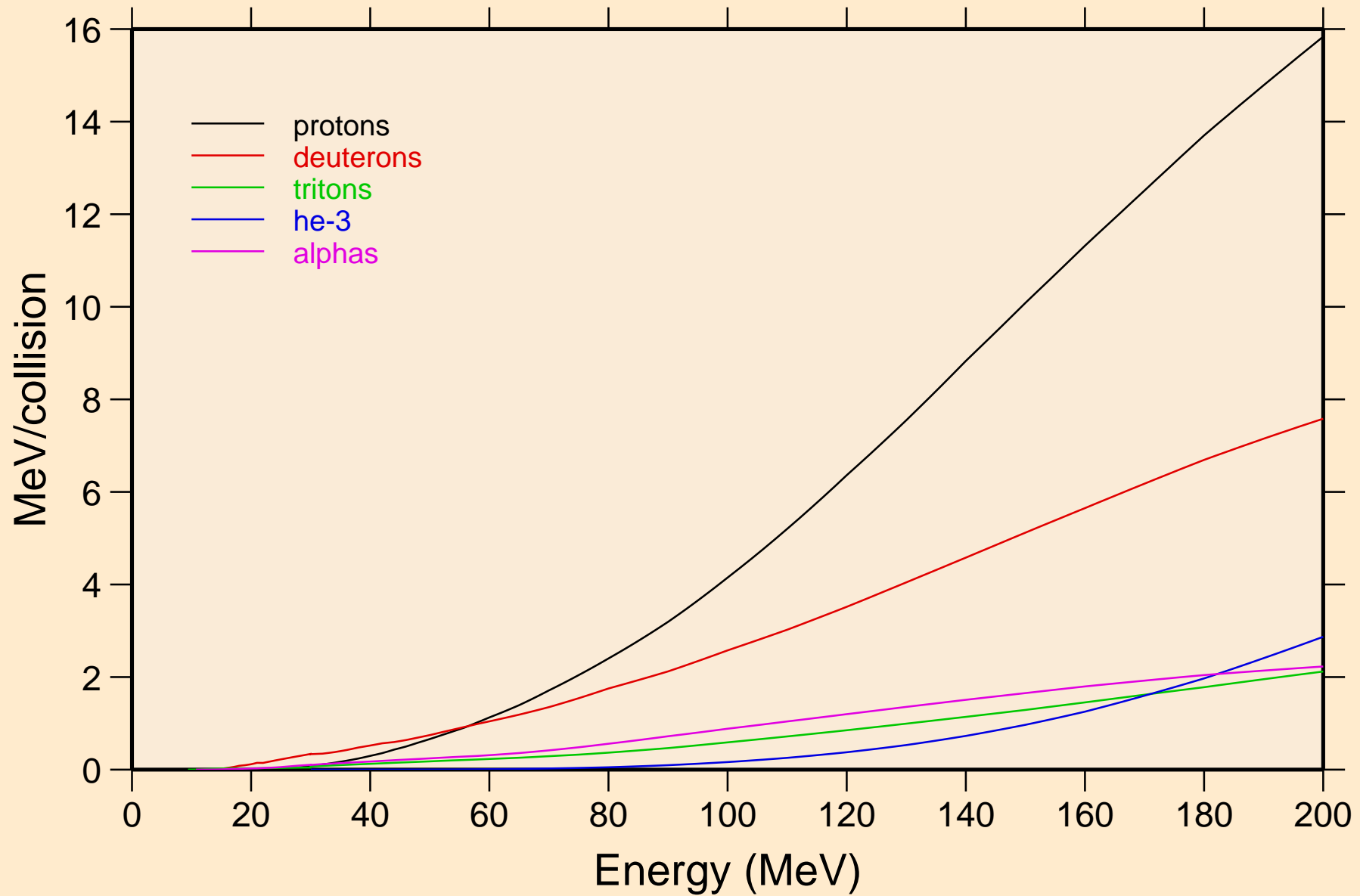


N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



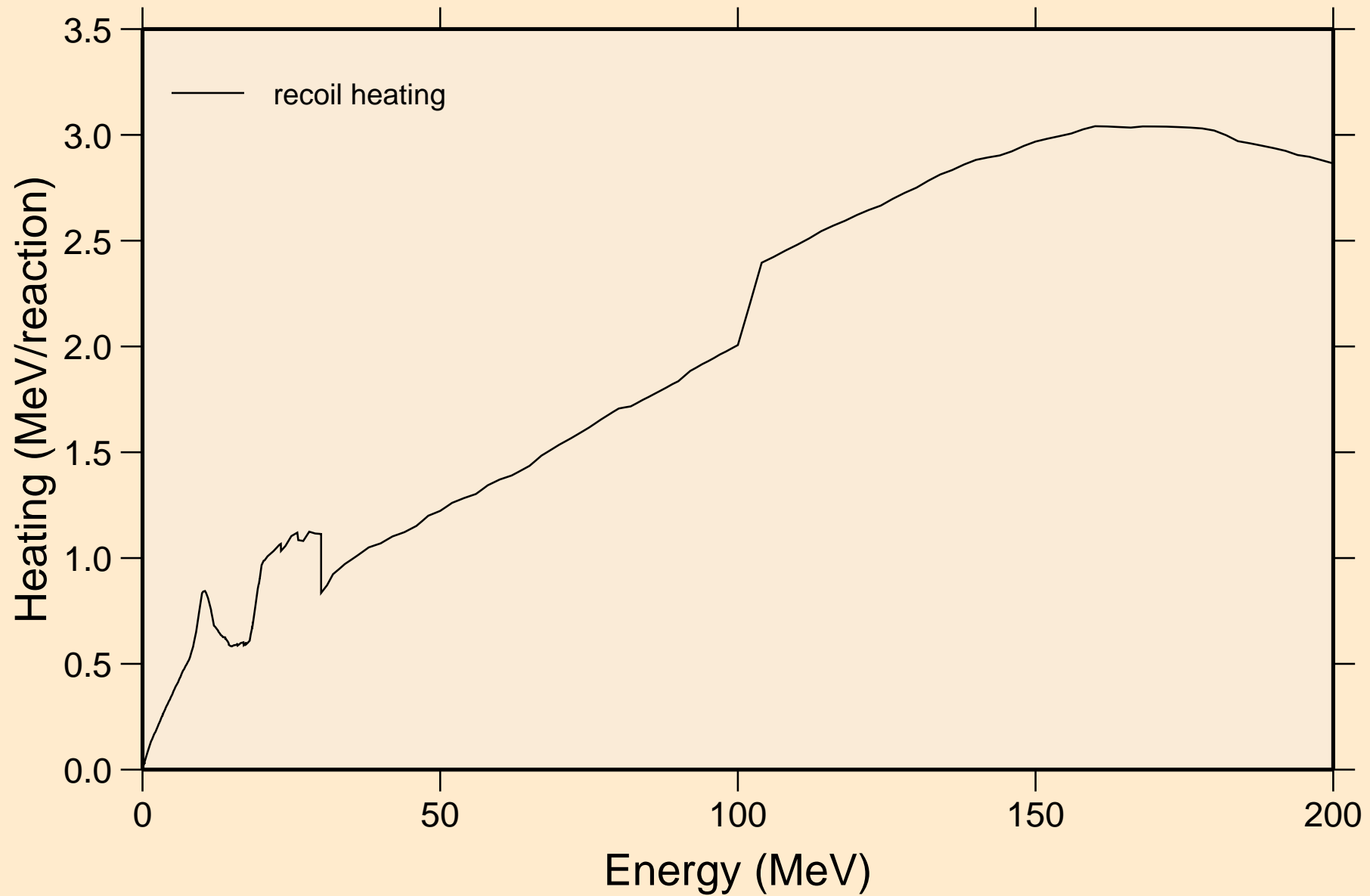
# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



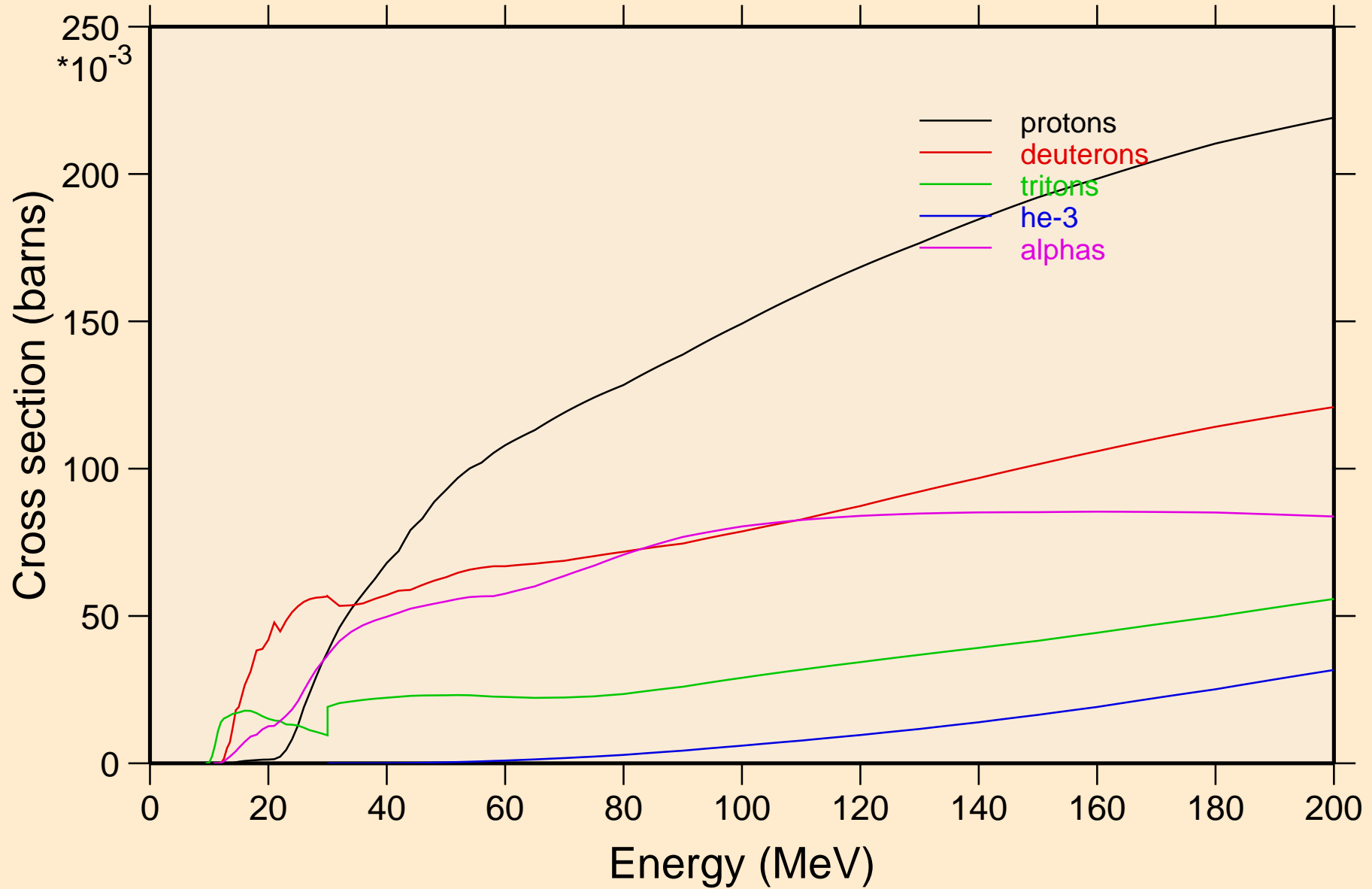
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## Recoil Heating

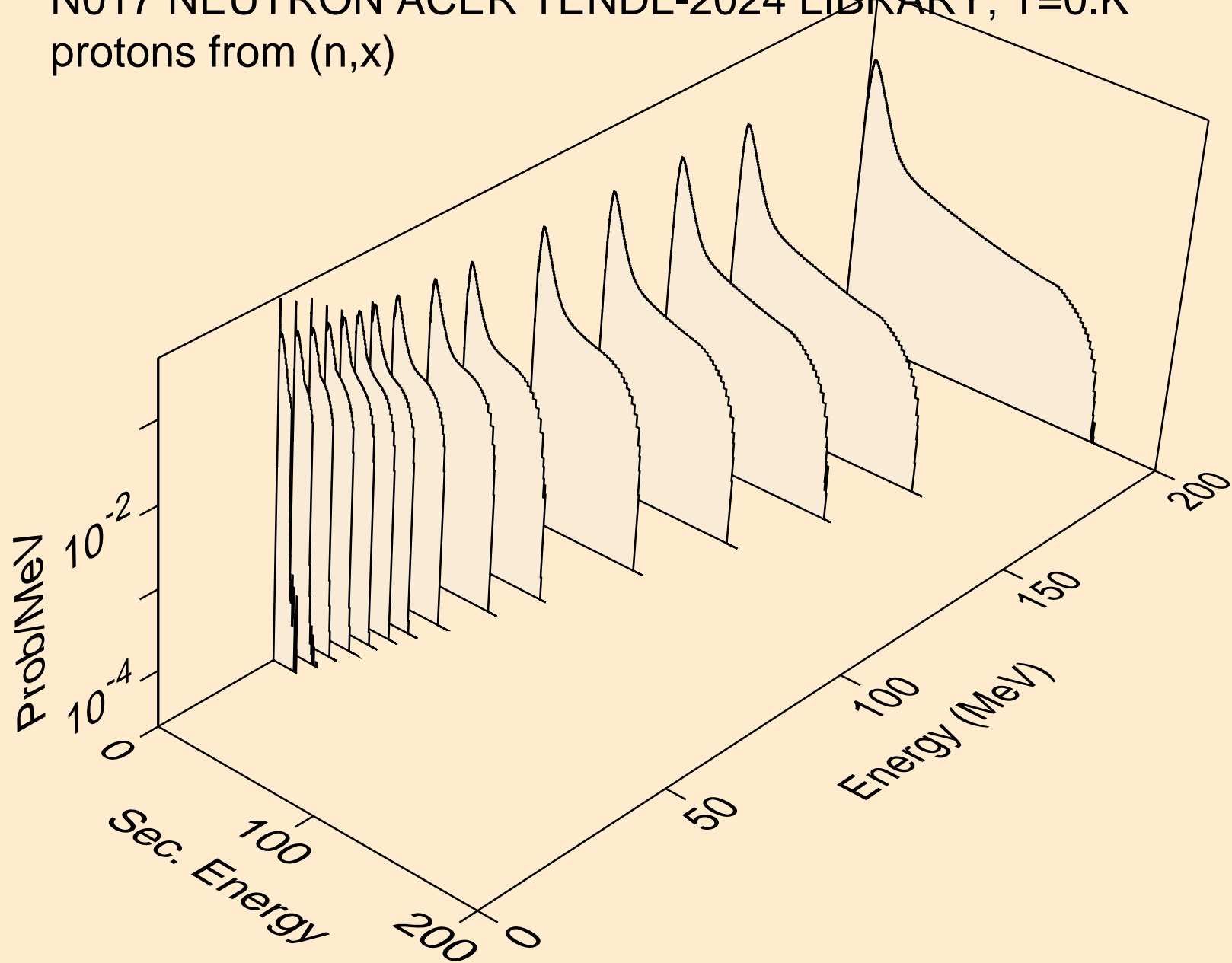


# N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

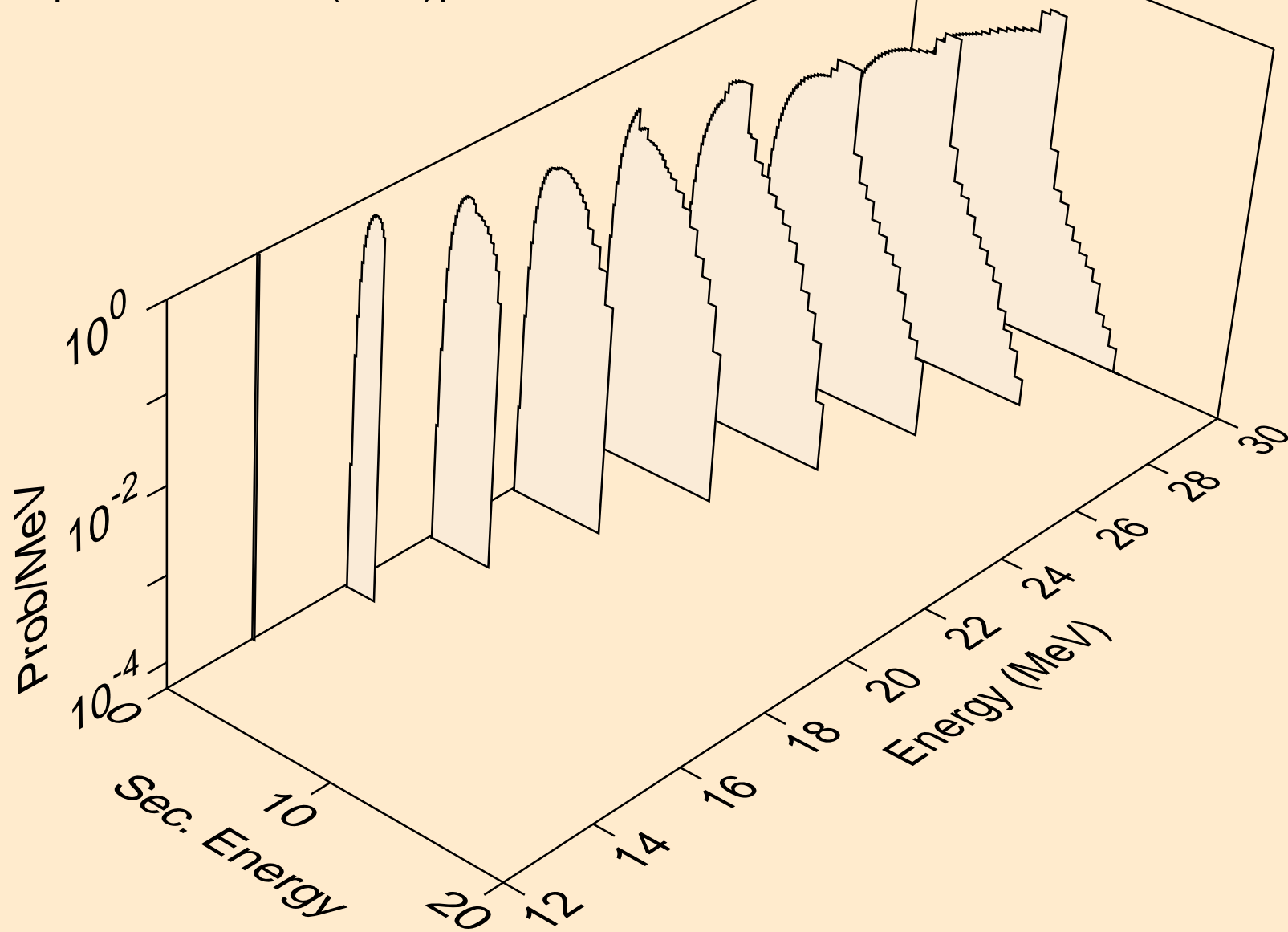


N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

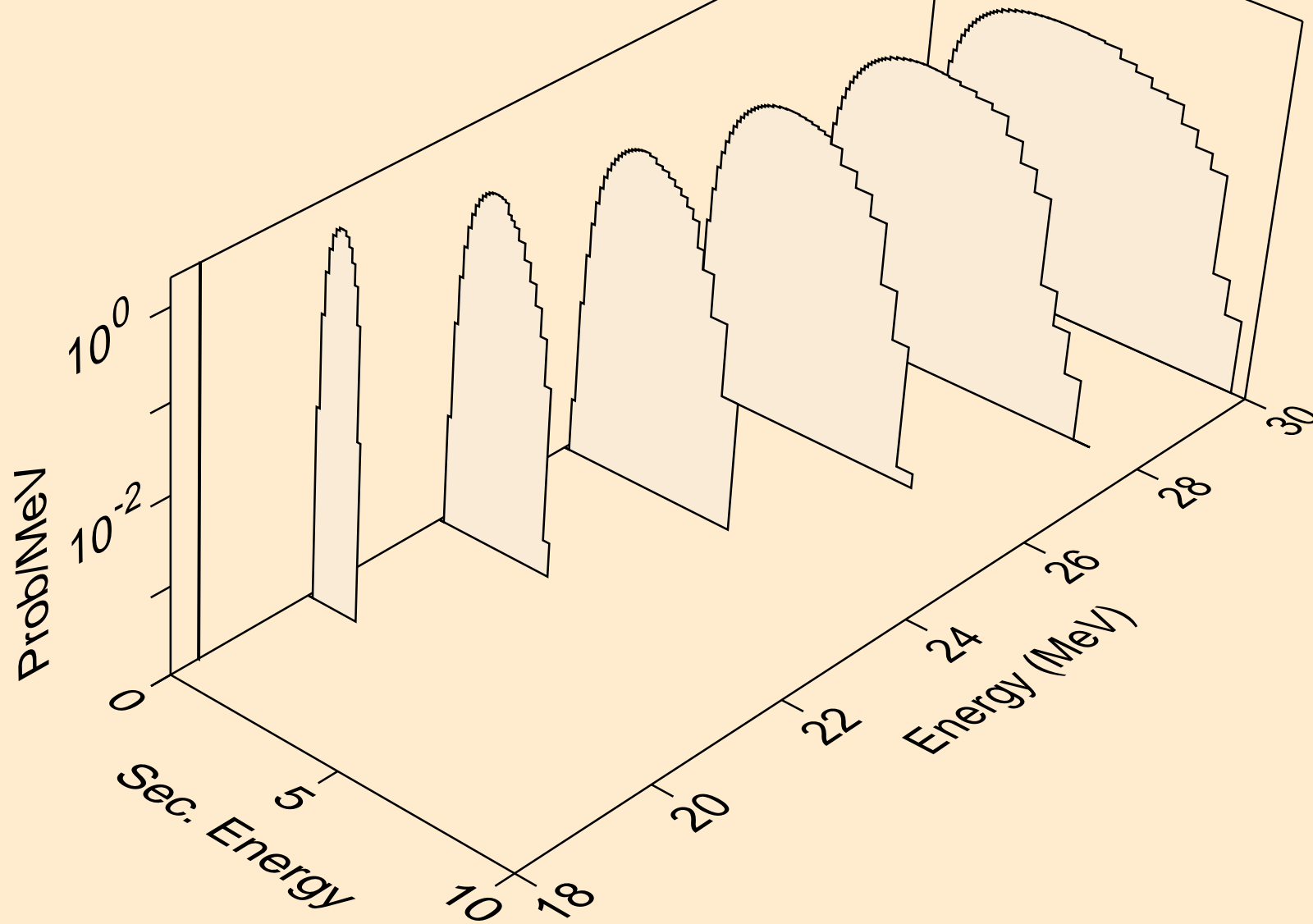




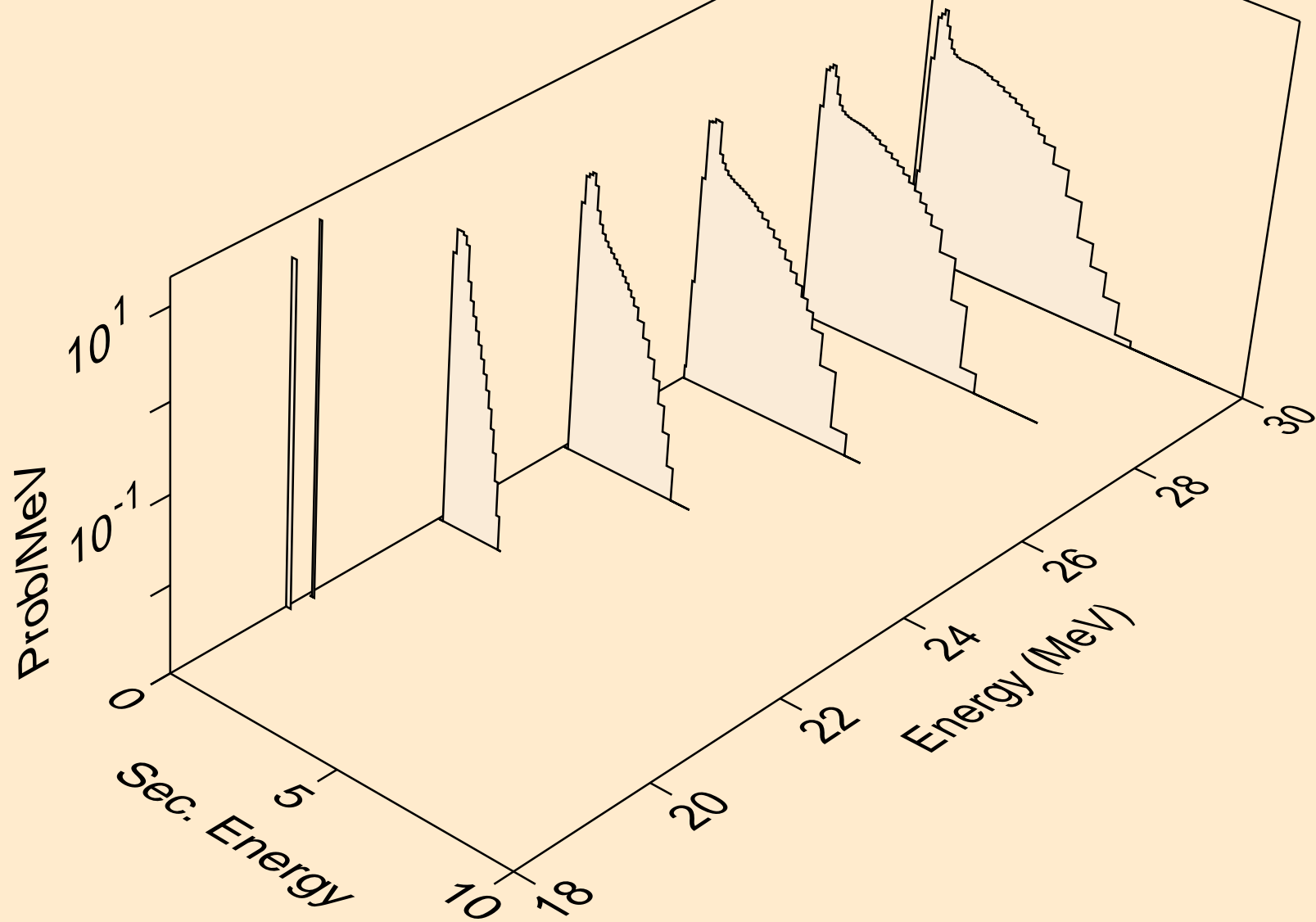
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



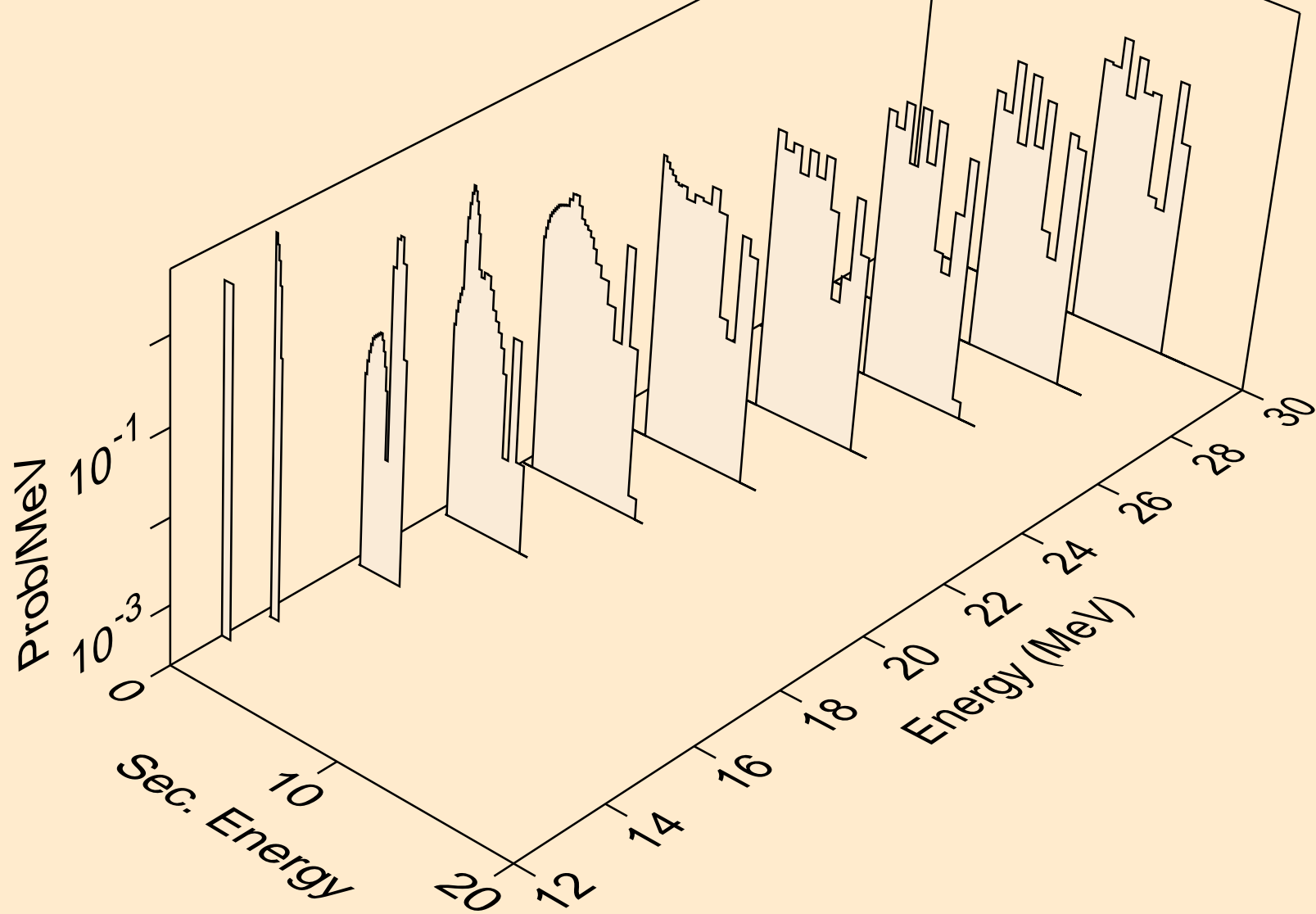
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



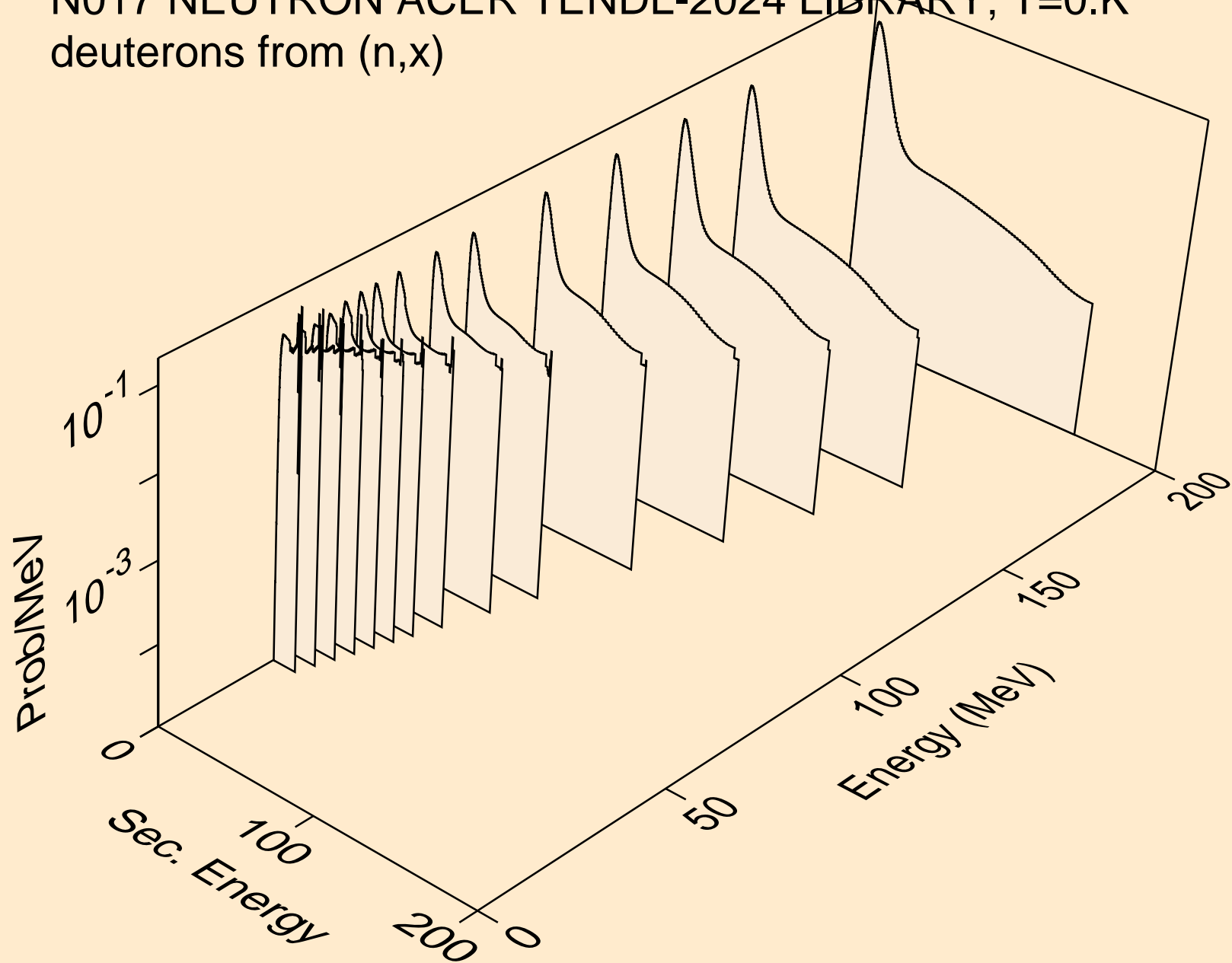
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



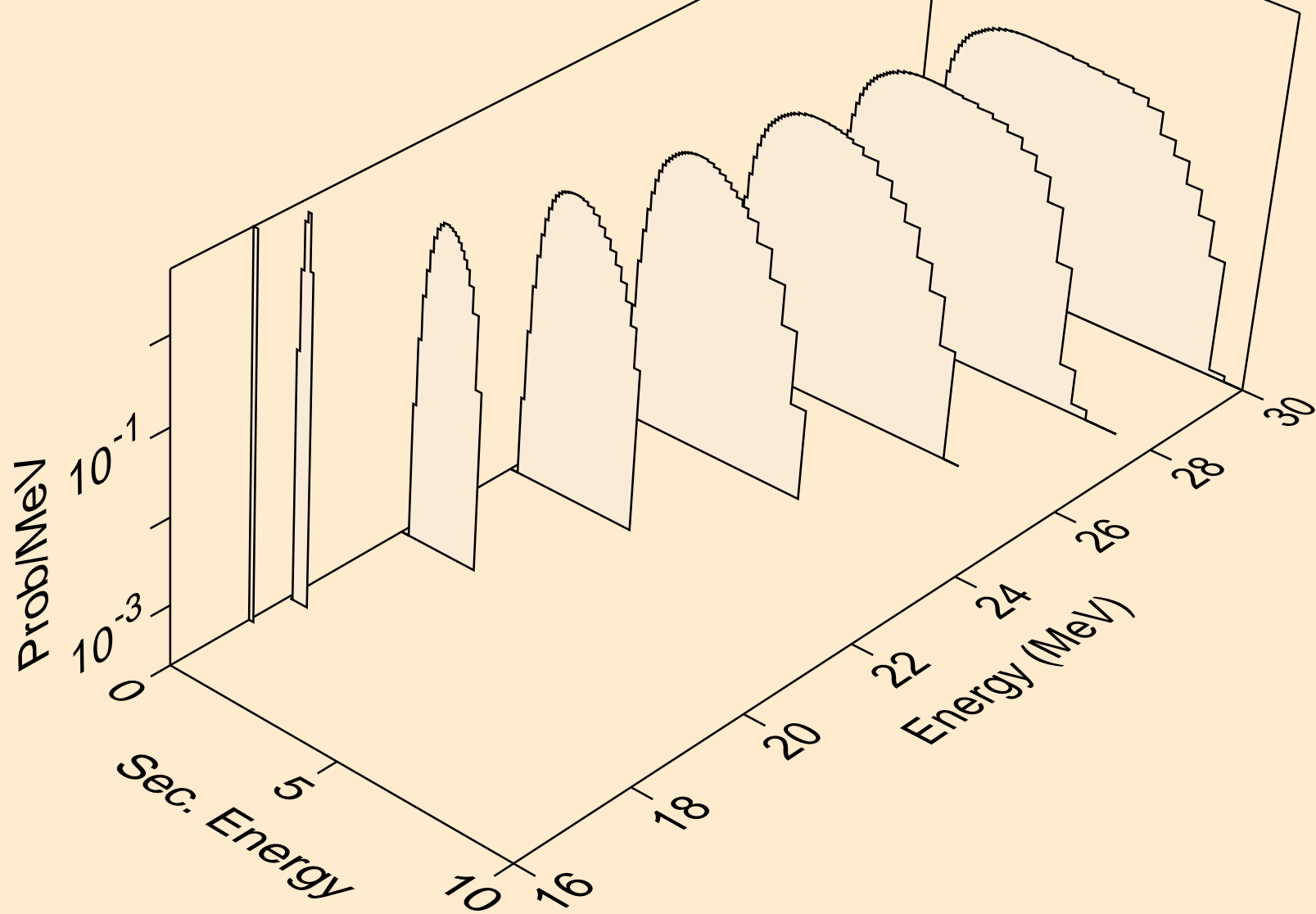
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protons from (n,p)



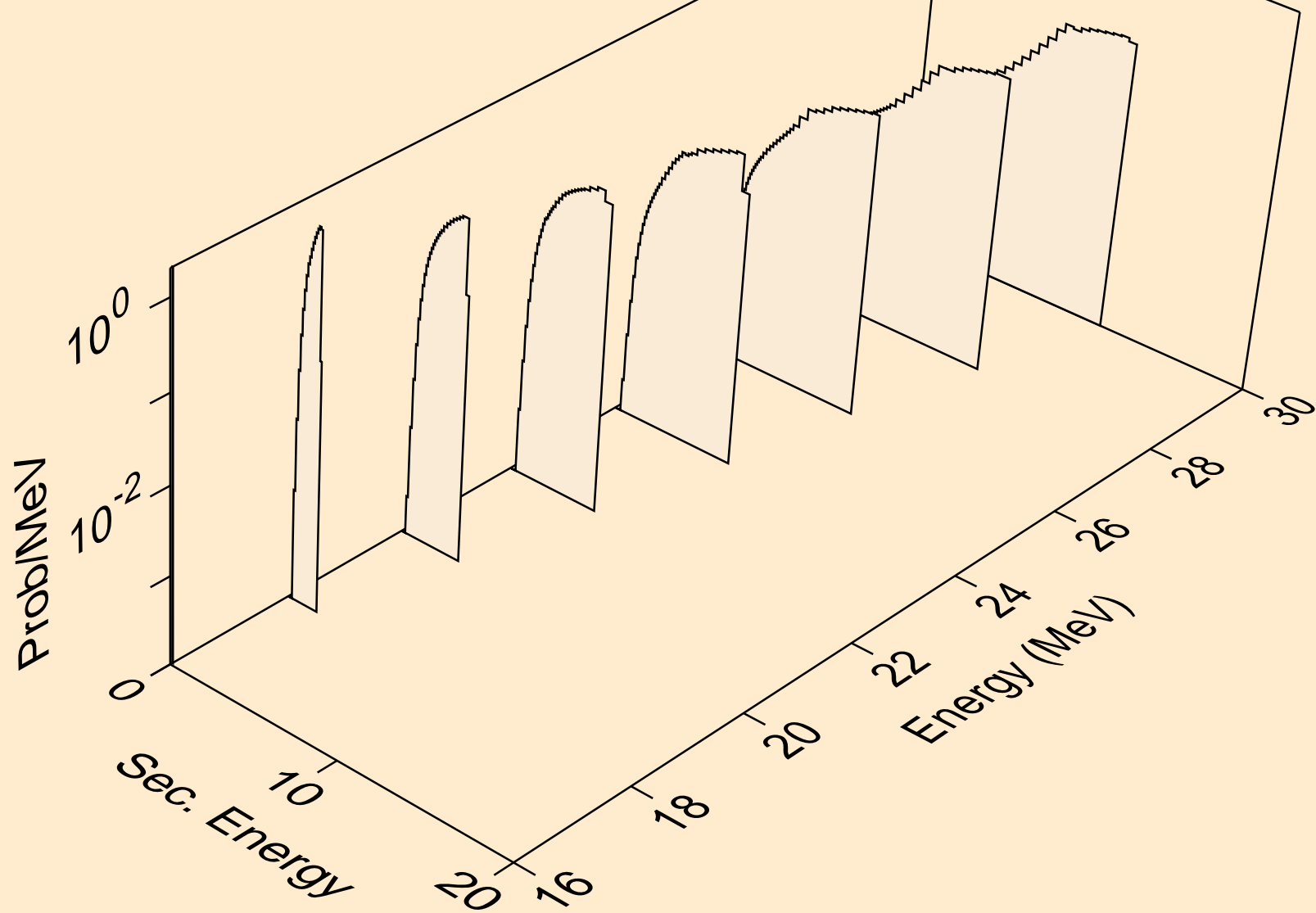
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



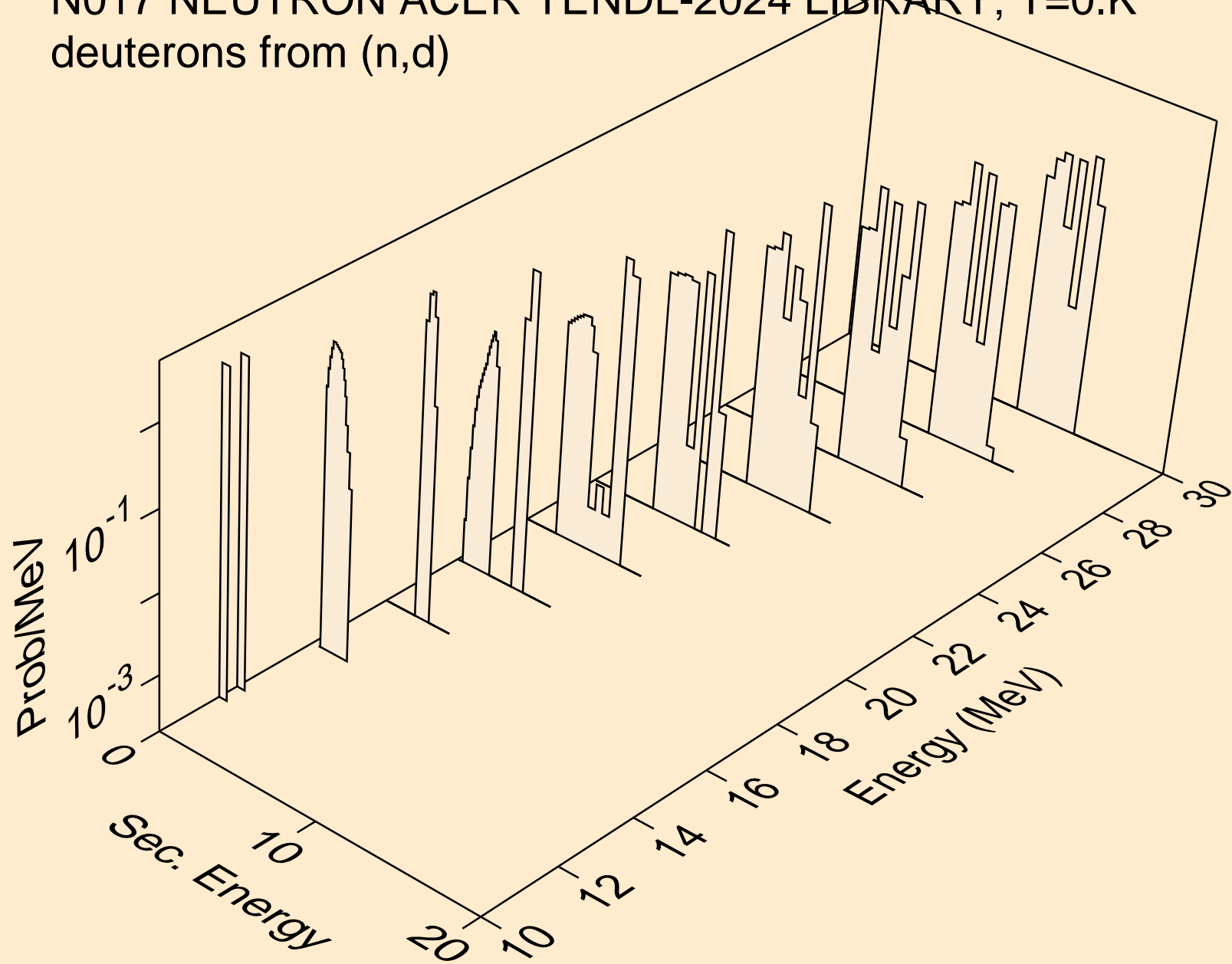
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d

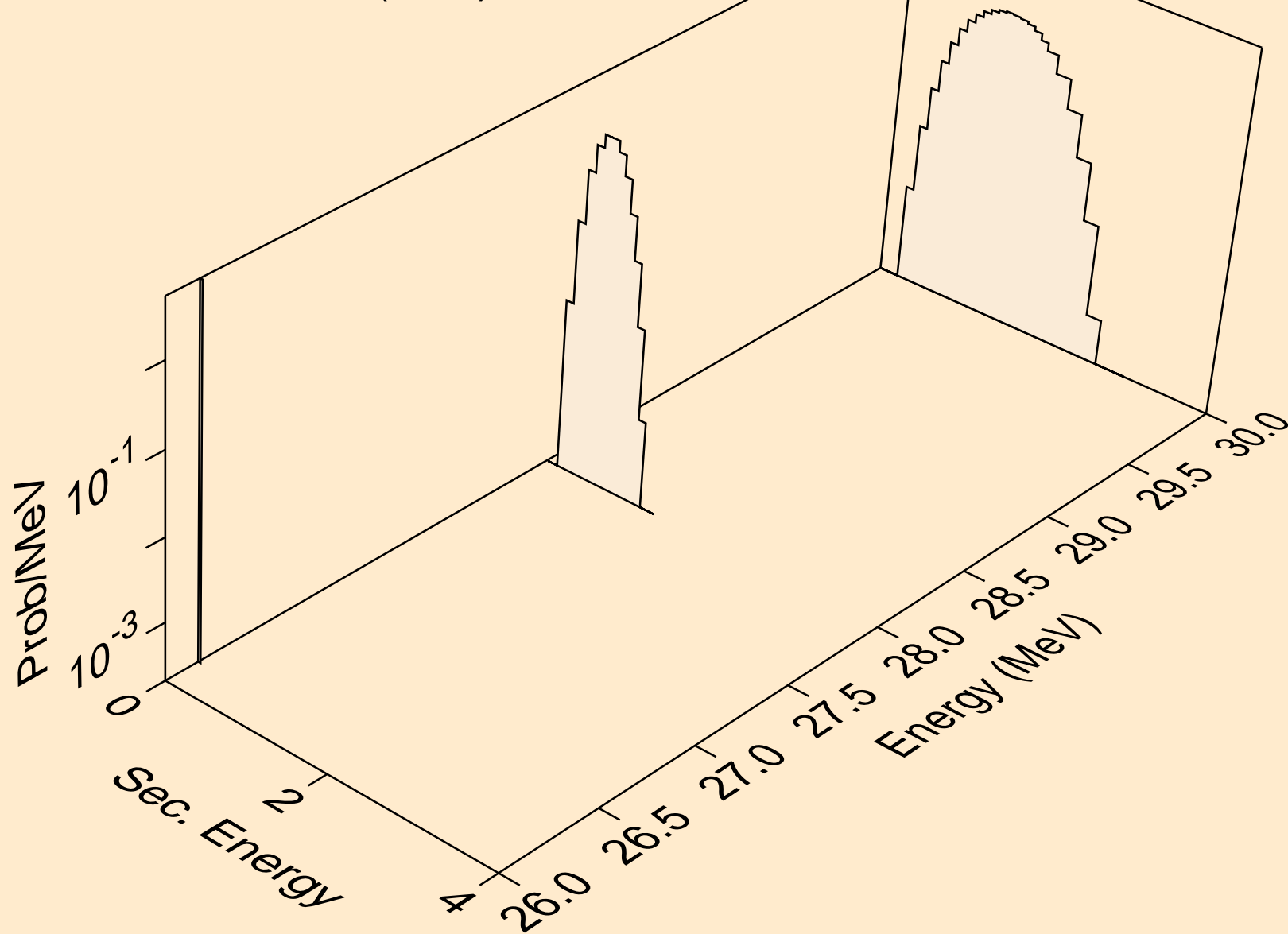


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deuterons from (n,d)

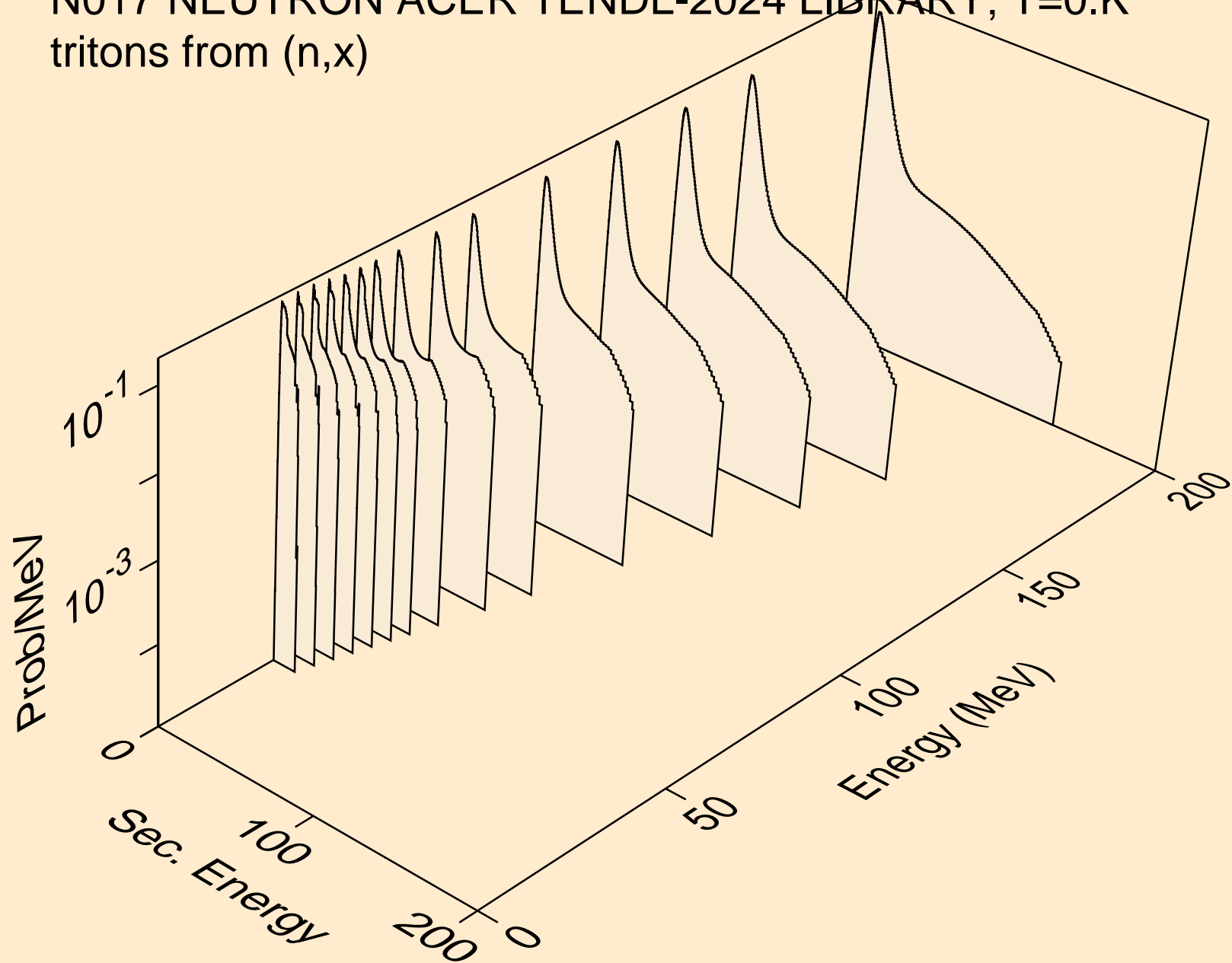




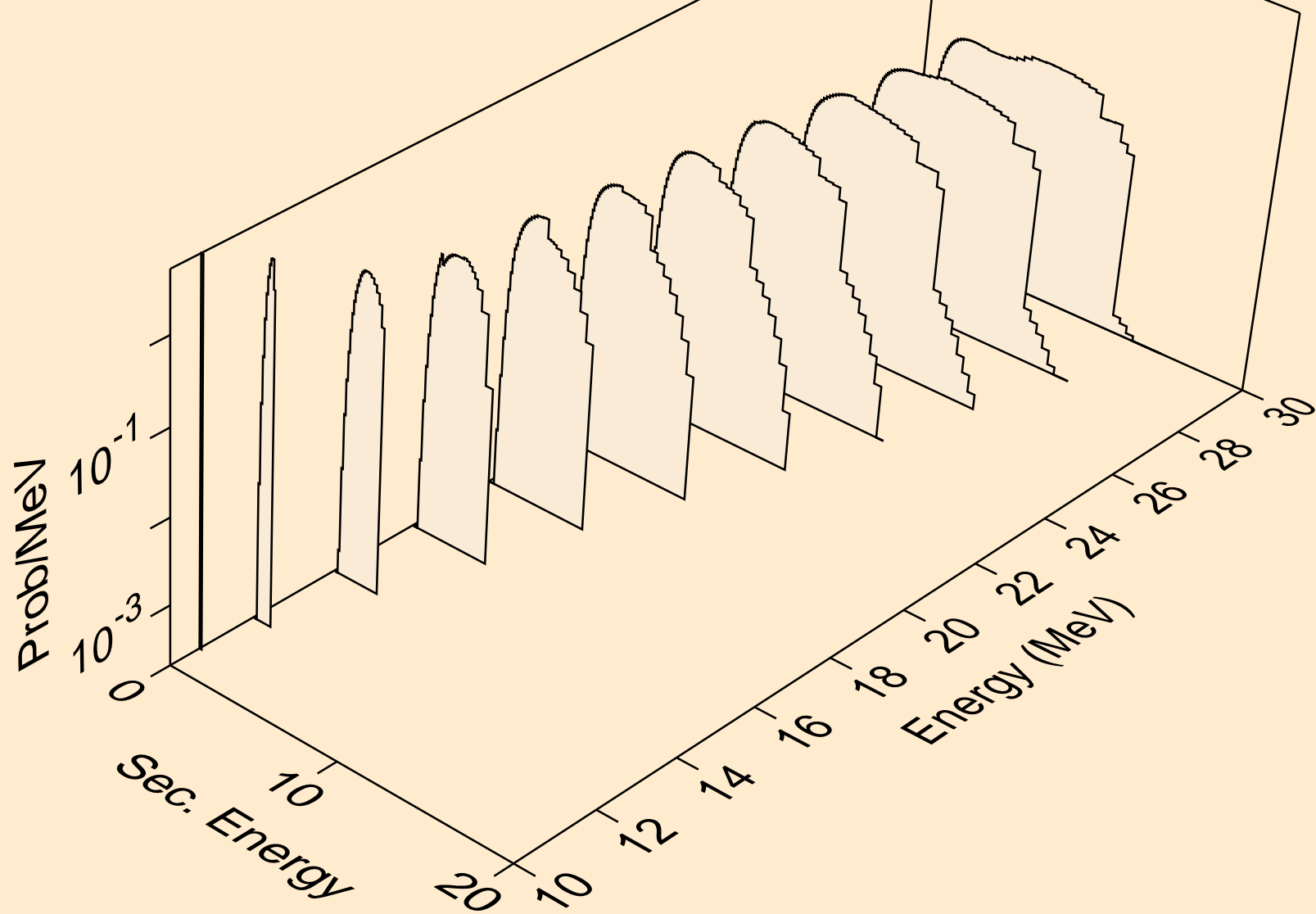
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deuterons from (n,da)



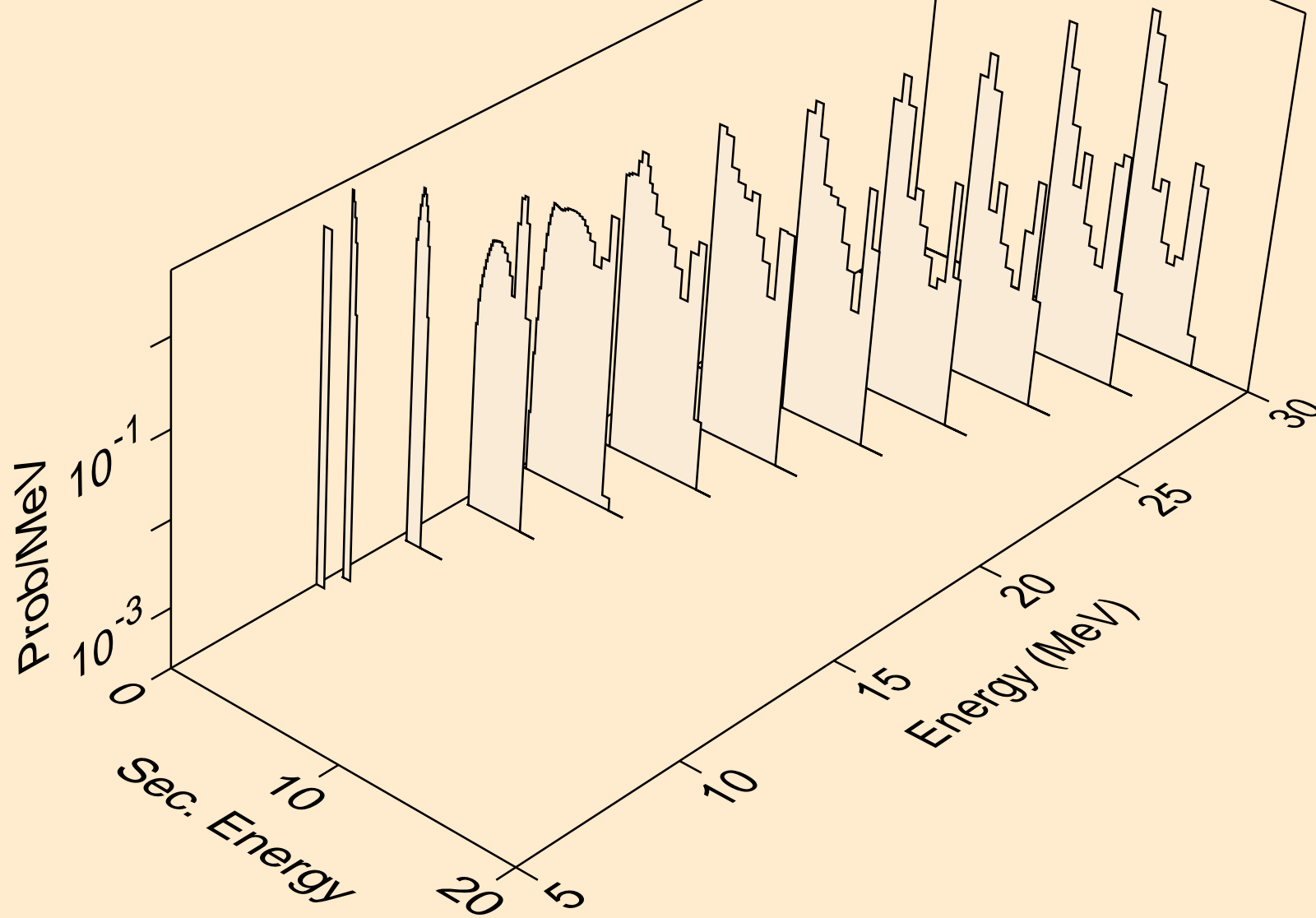
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tritons from (n,x)



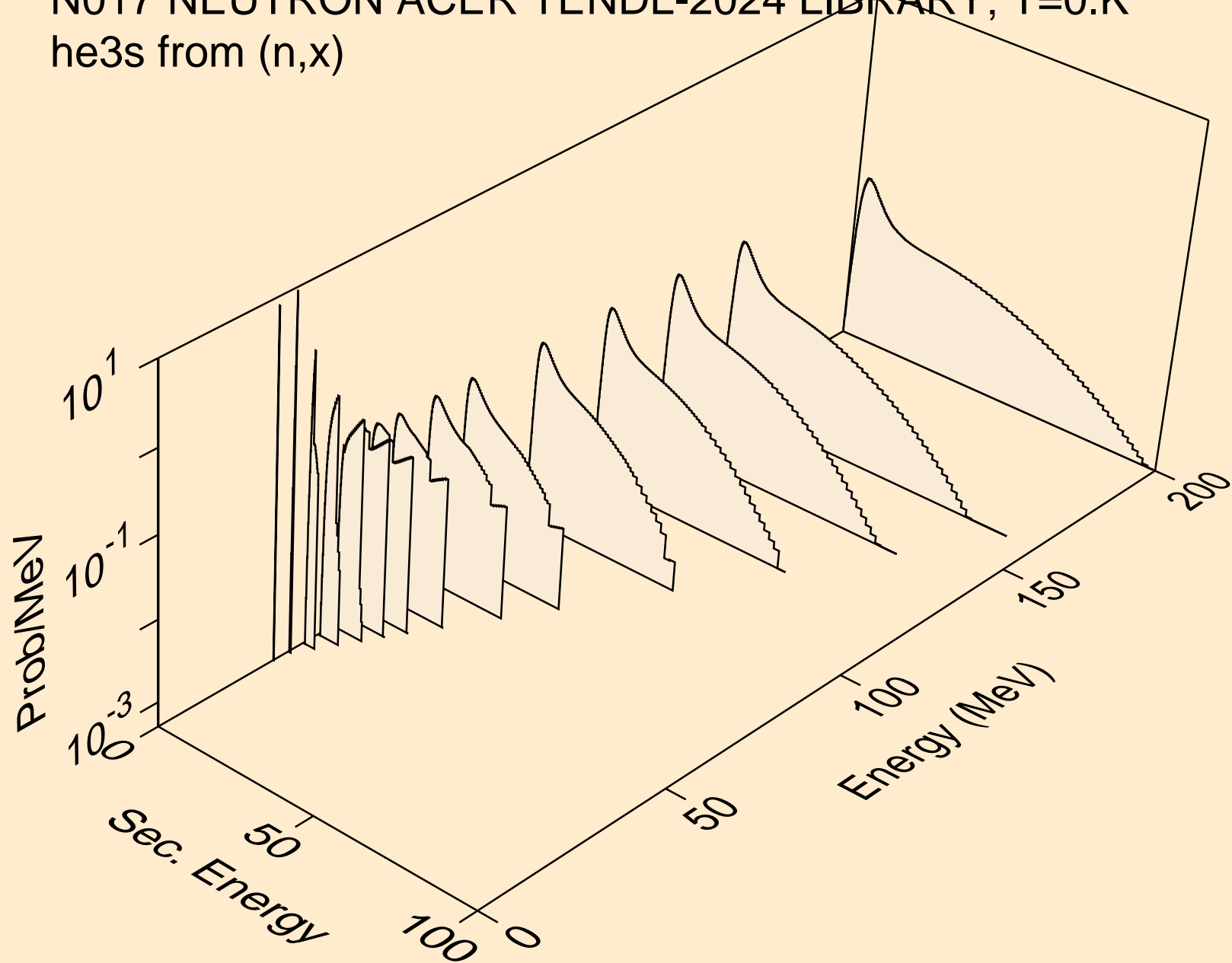
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



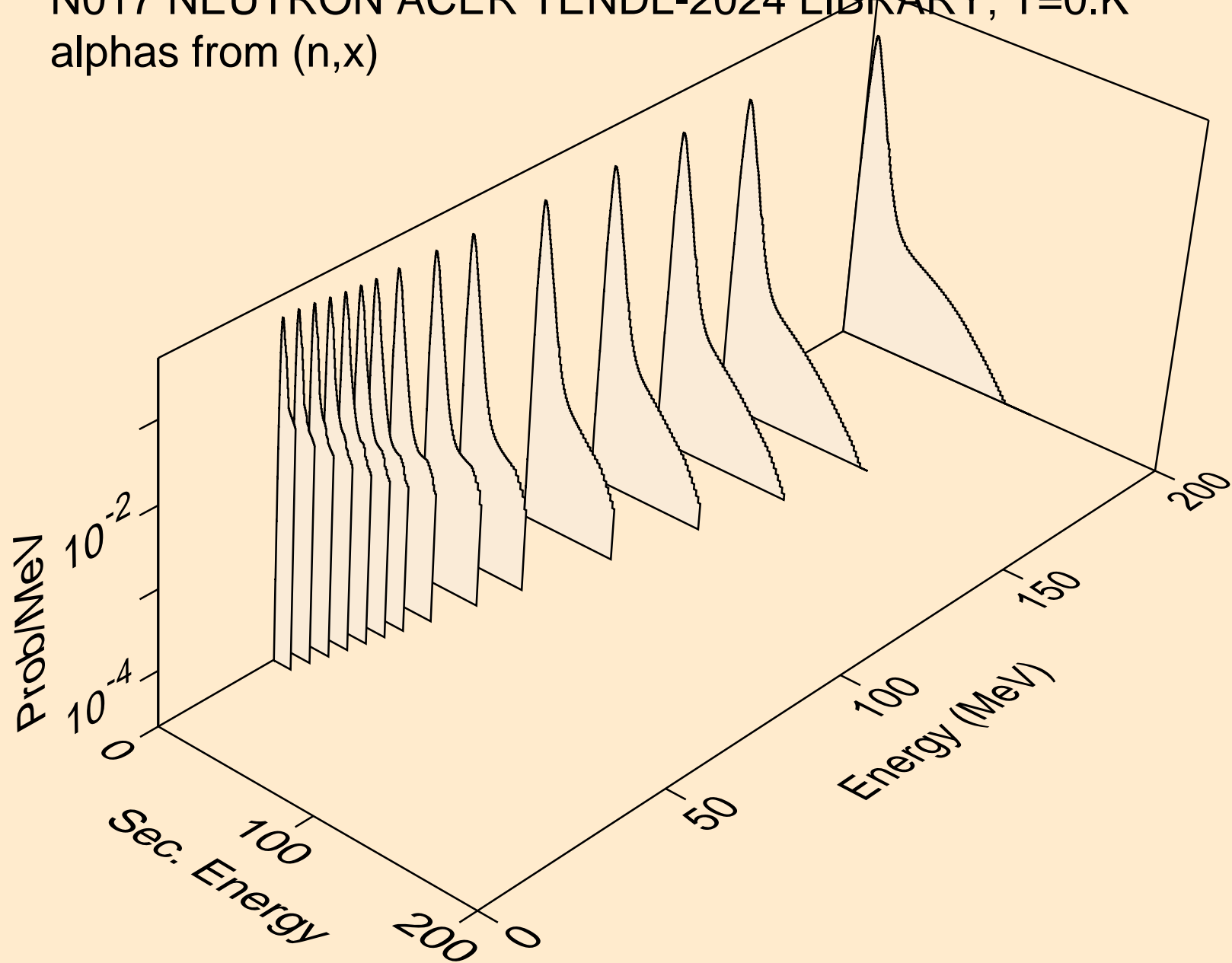
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tritons from (n,t)



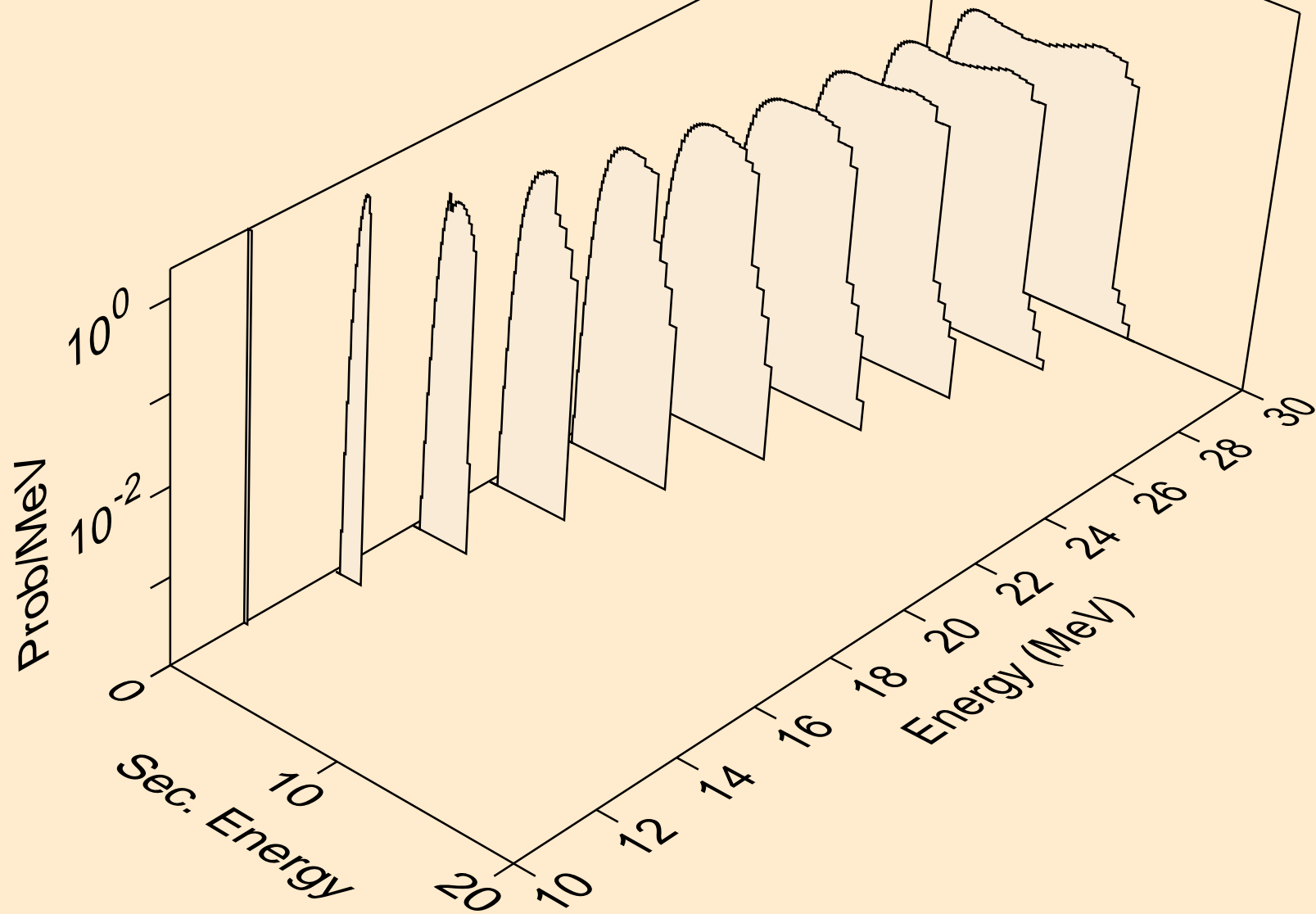
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he3s from (n,x)



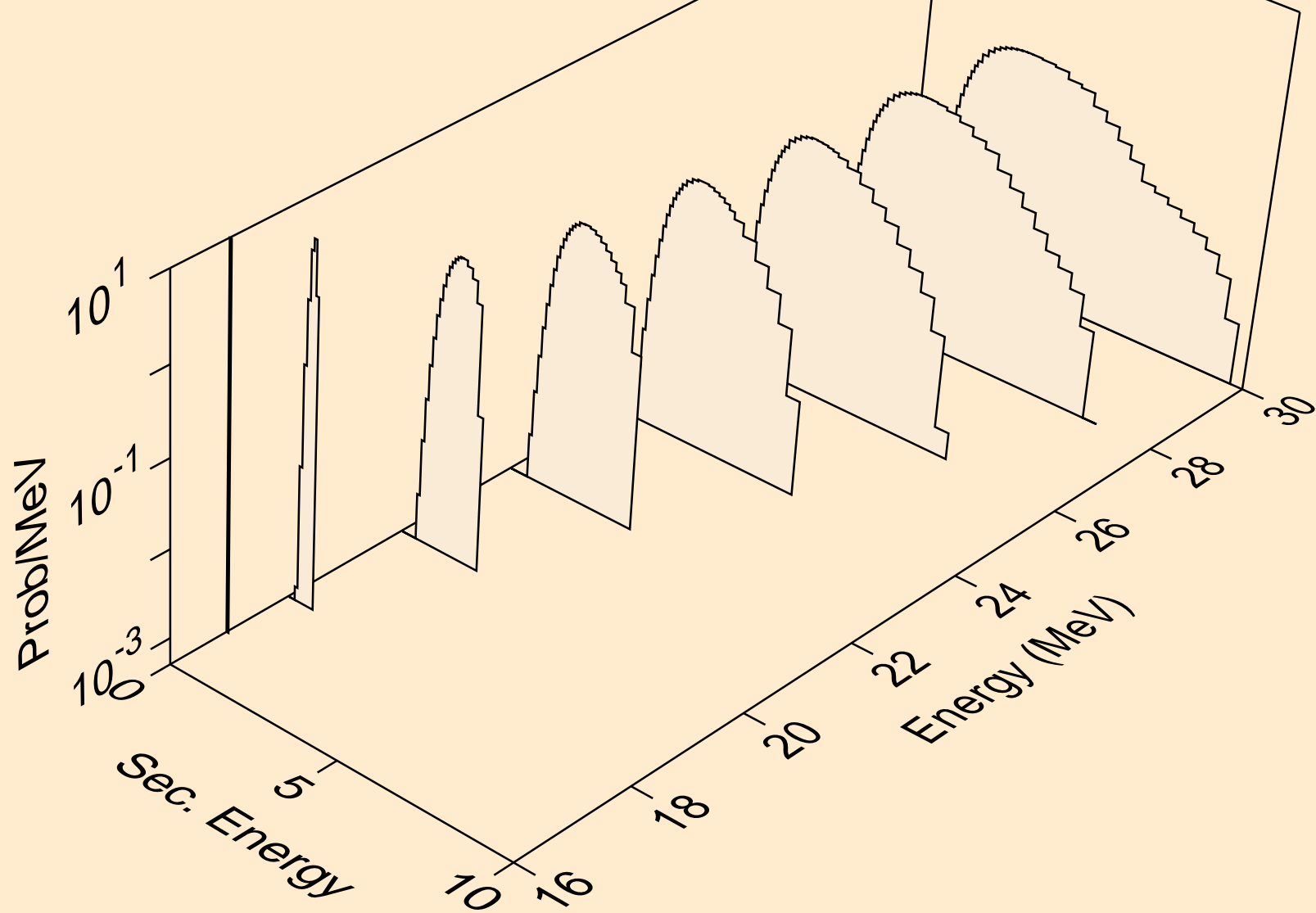
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

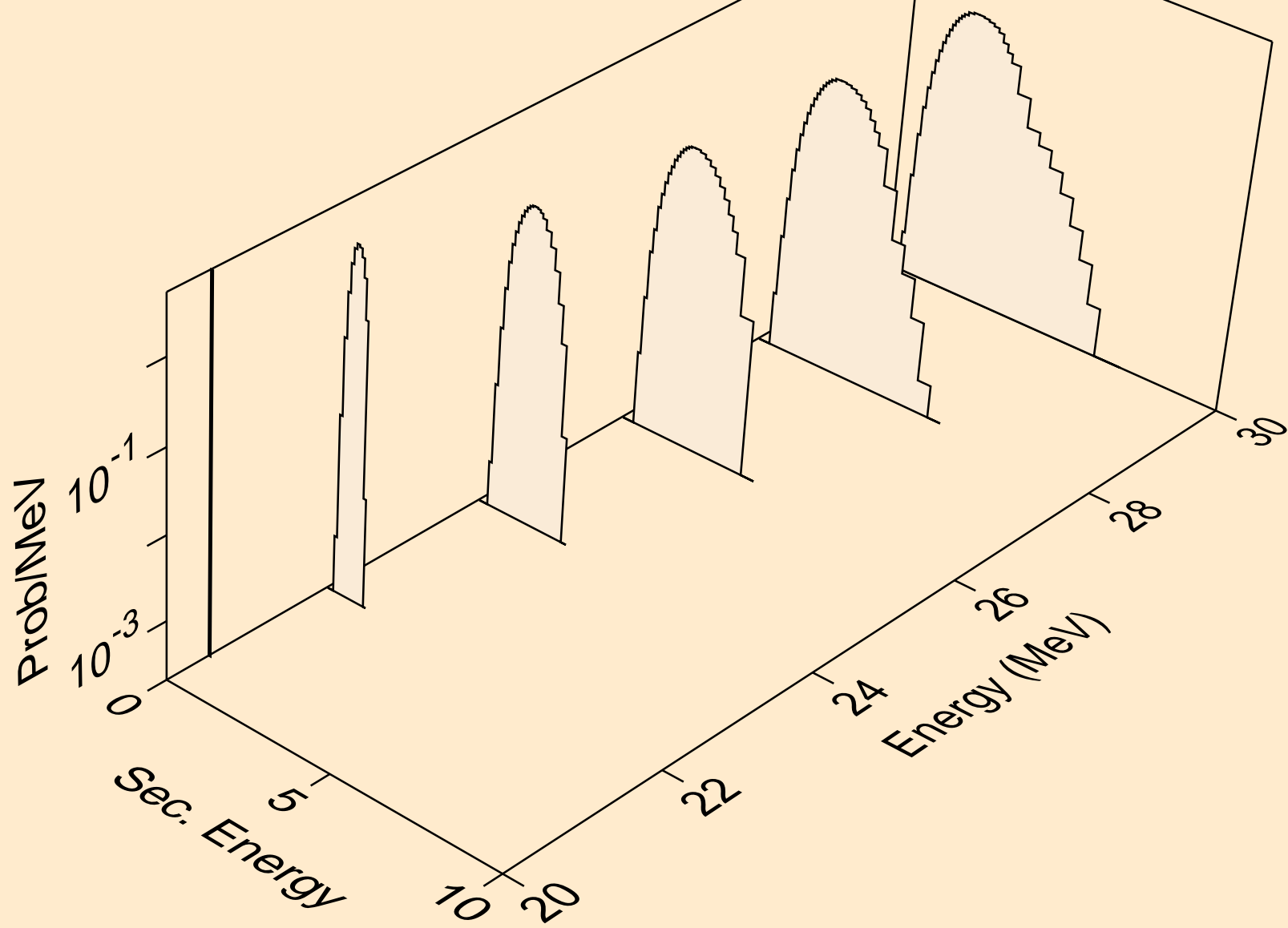


N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a

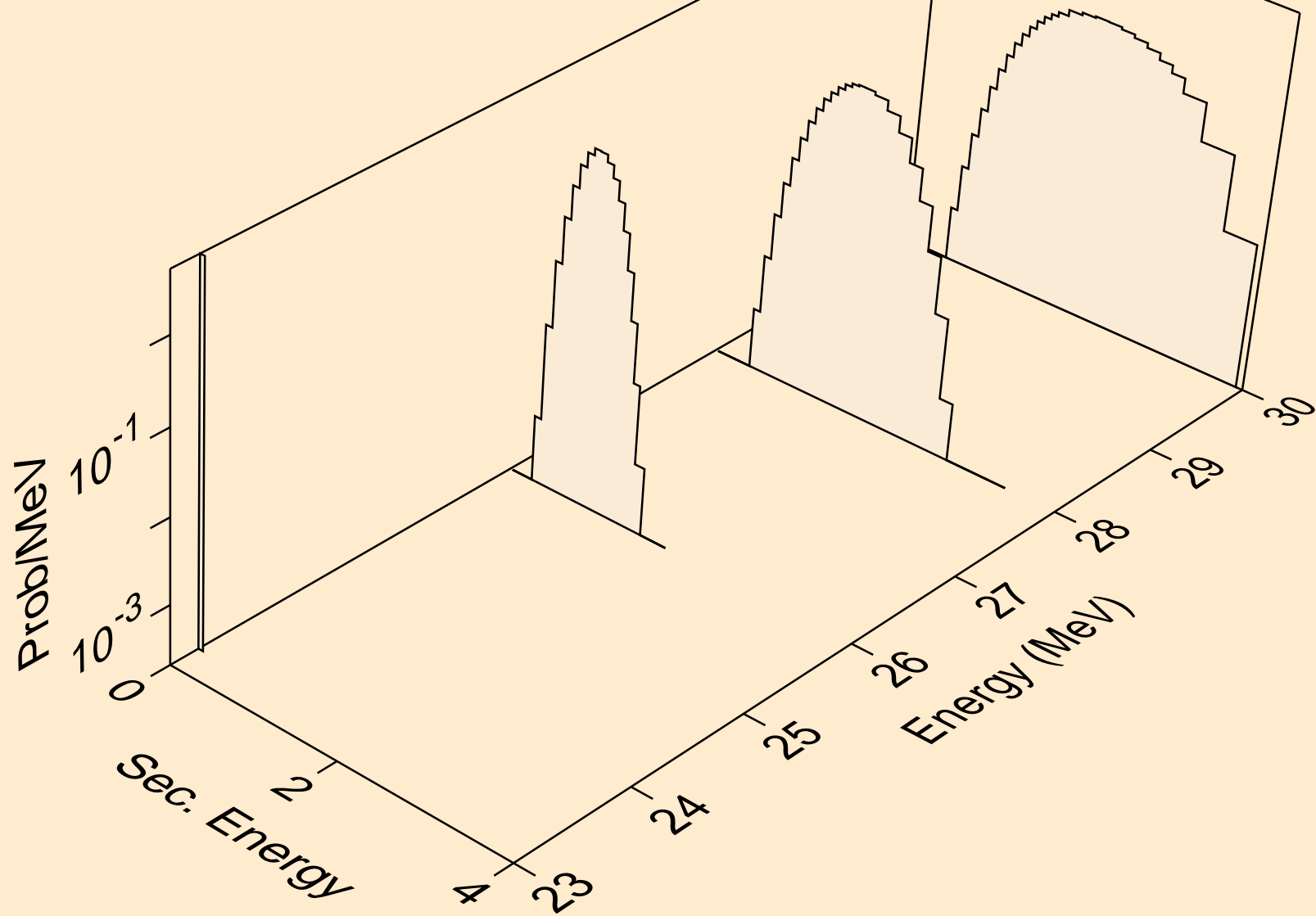




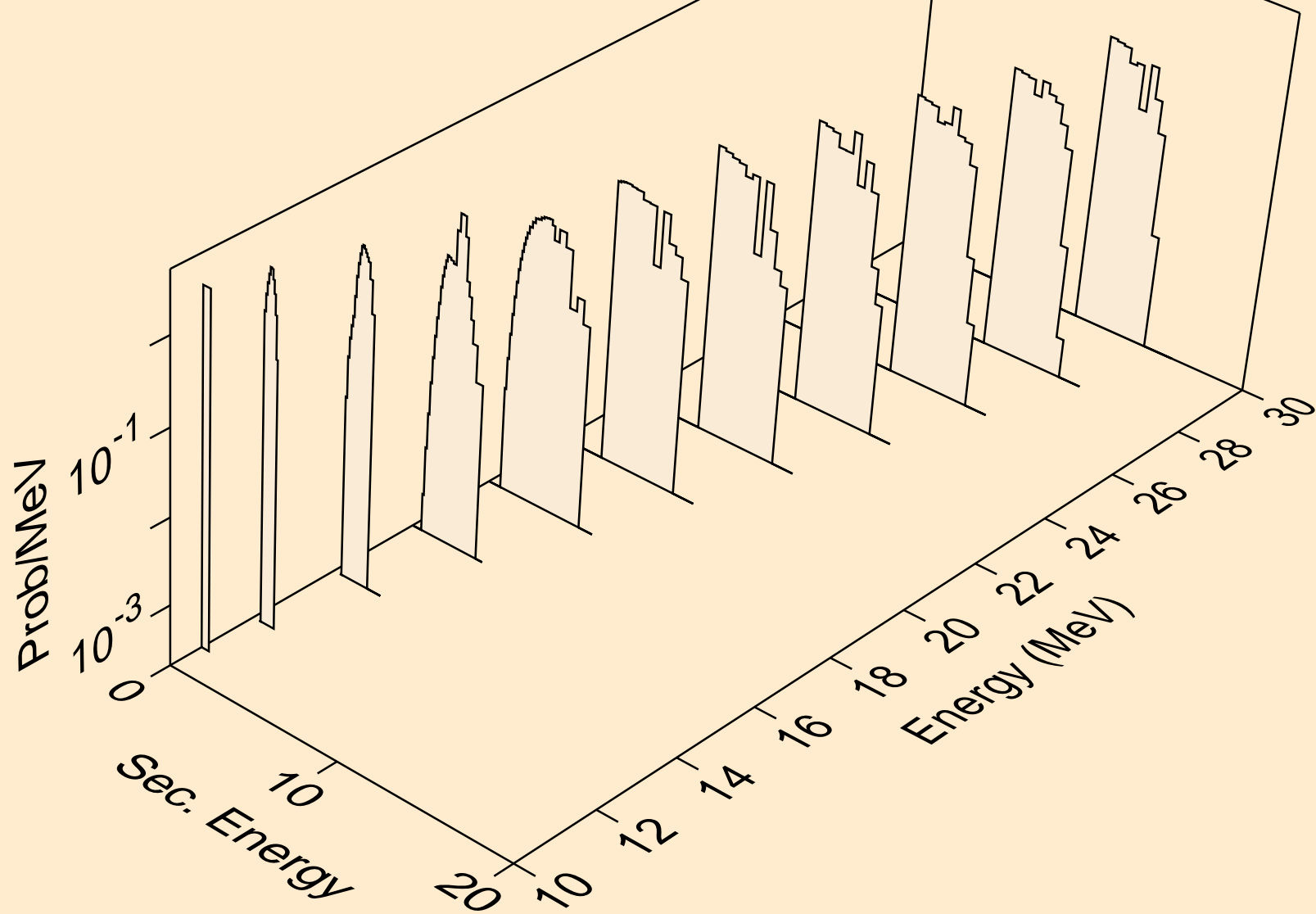
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alphas from (n,3n)a



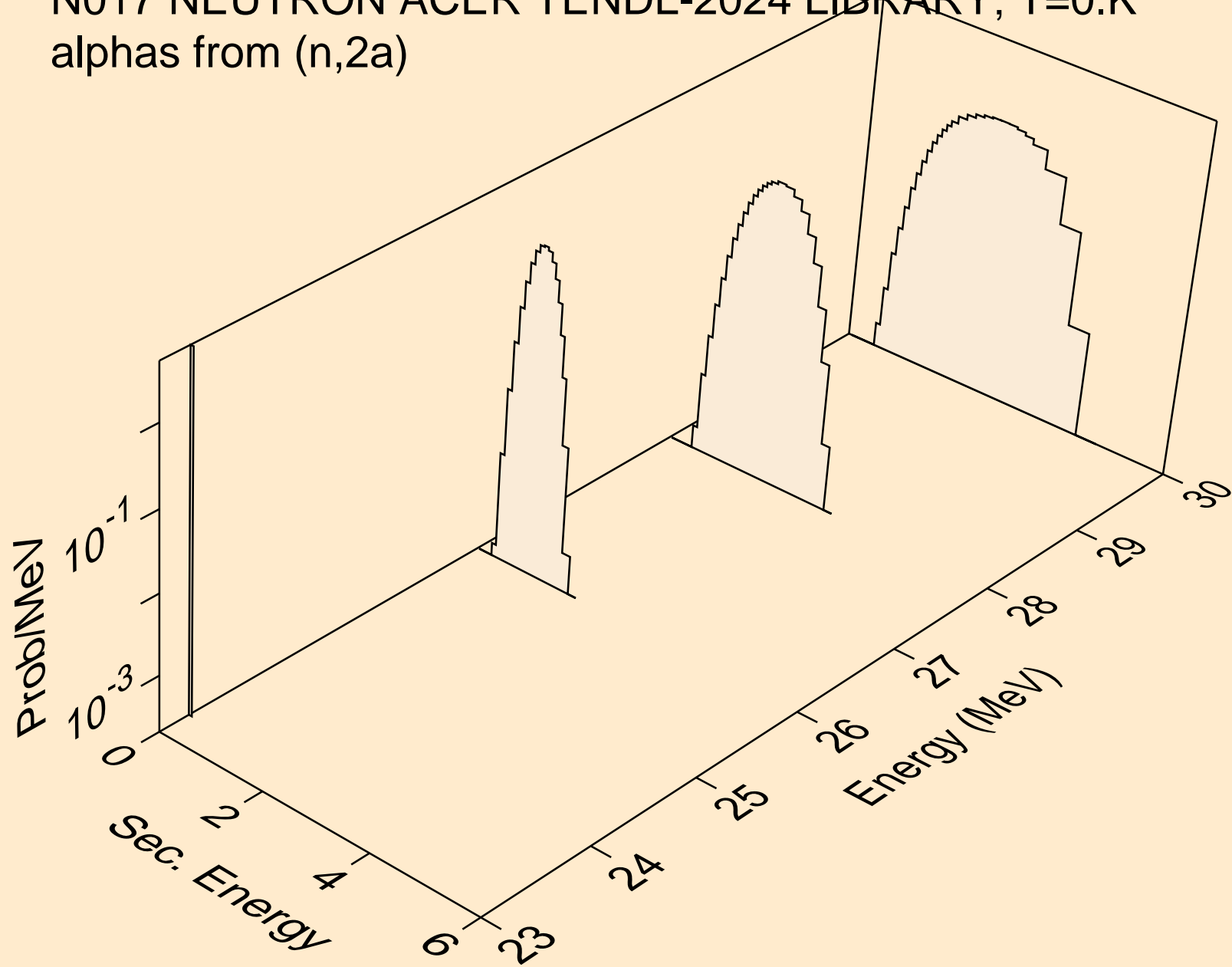
N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



N017 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

