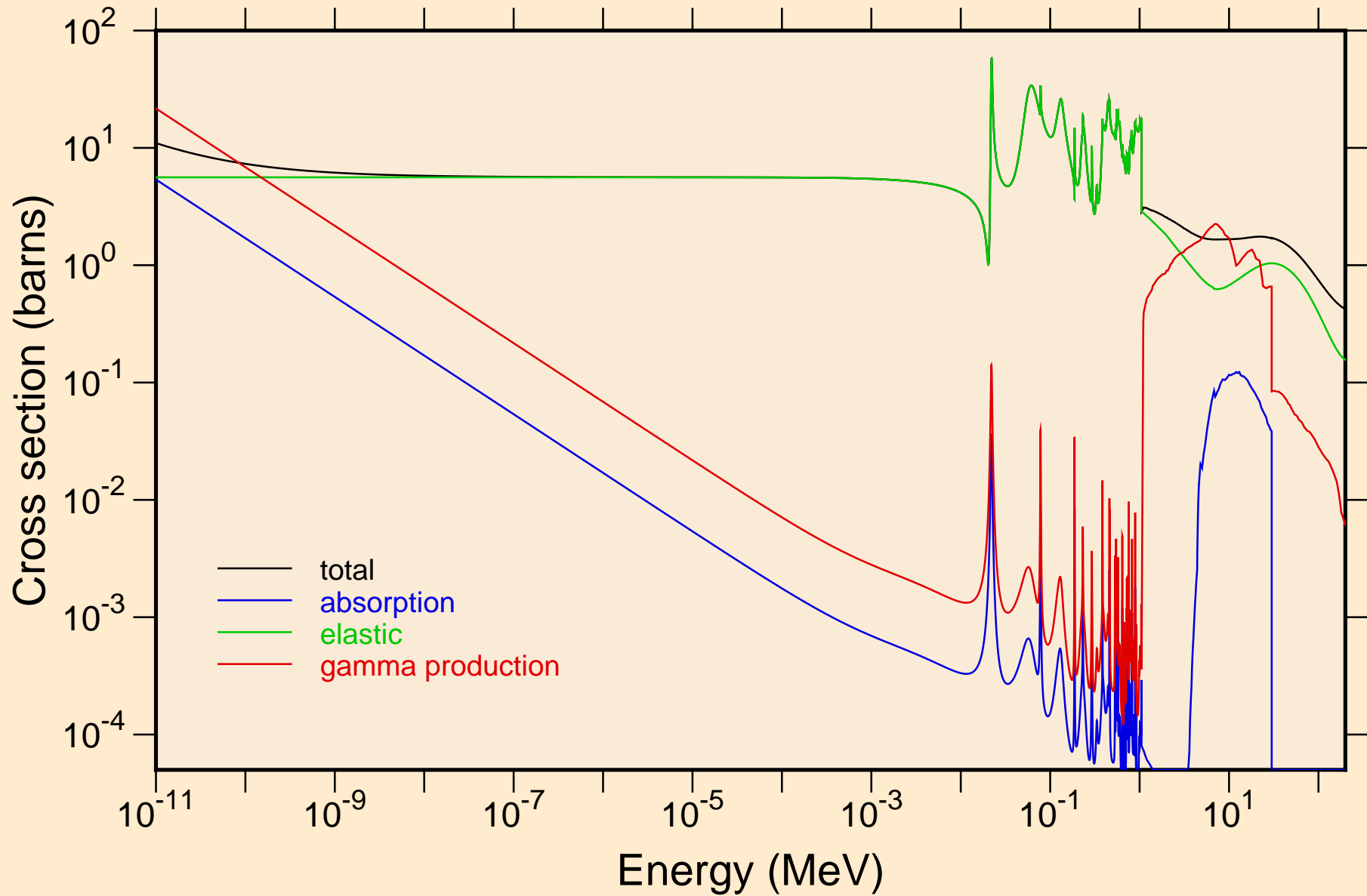
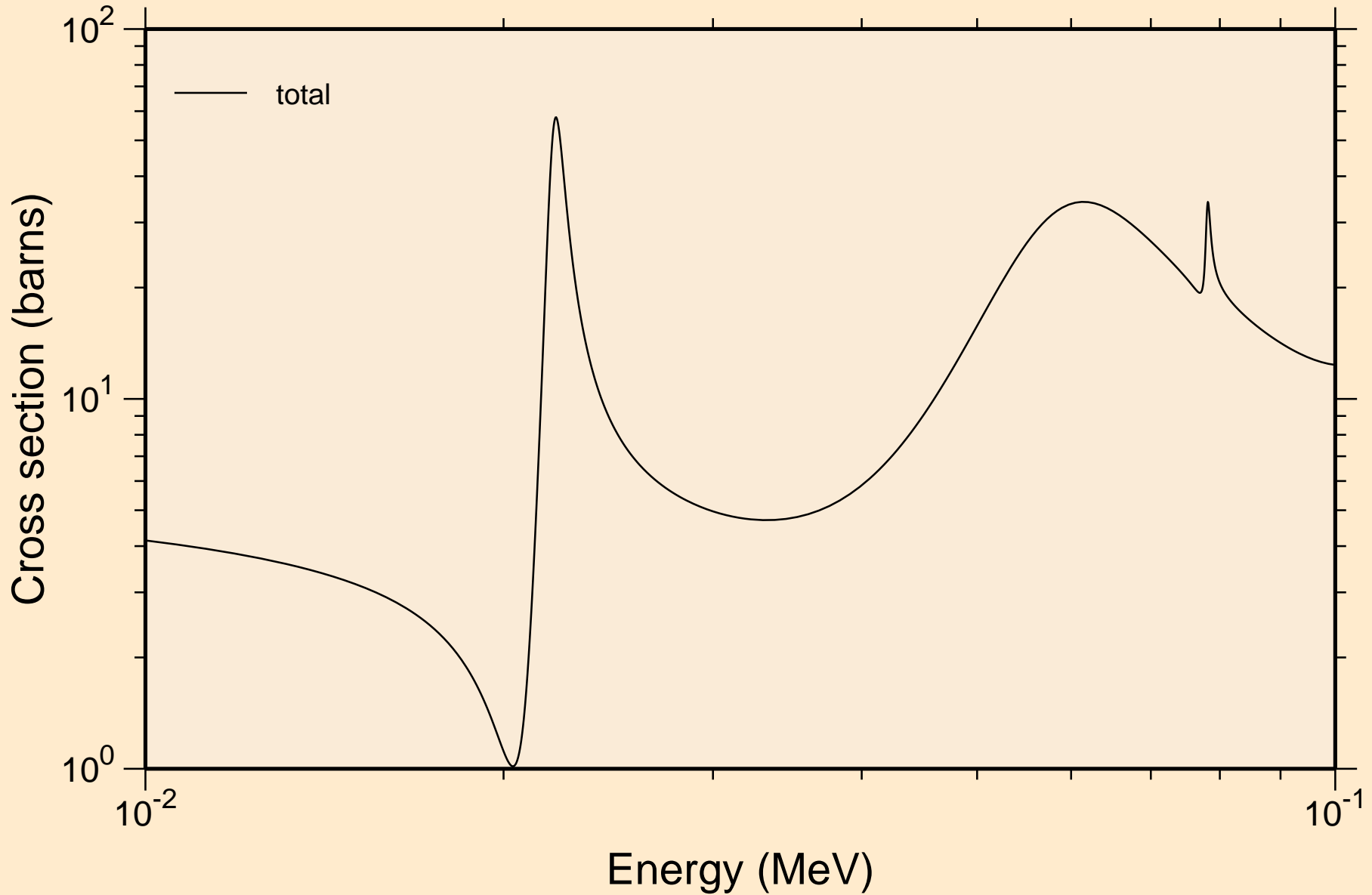


# F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

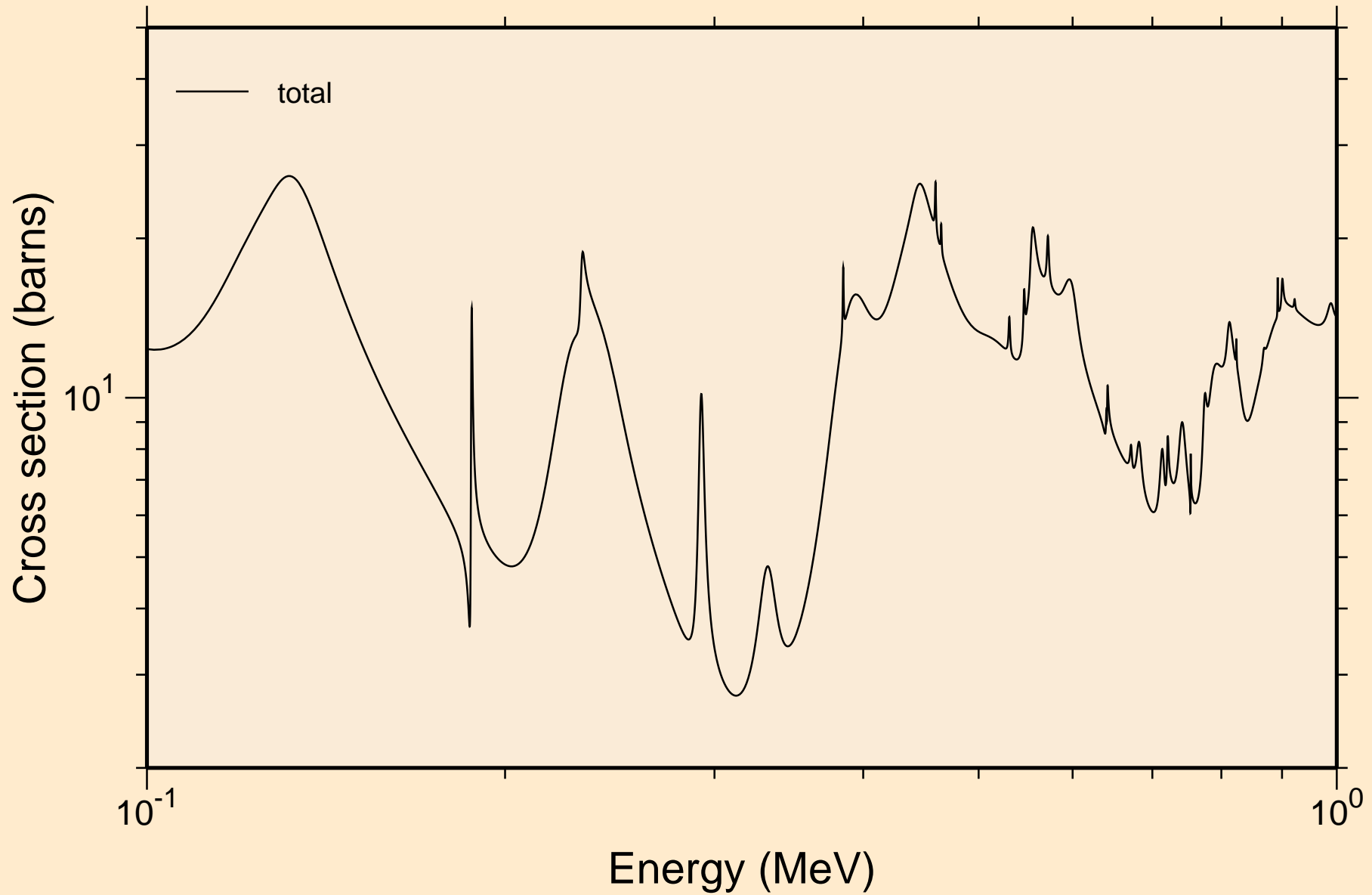
## Principal cross sections



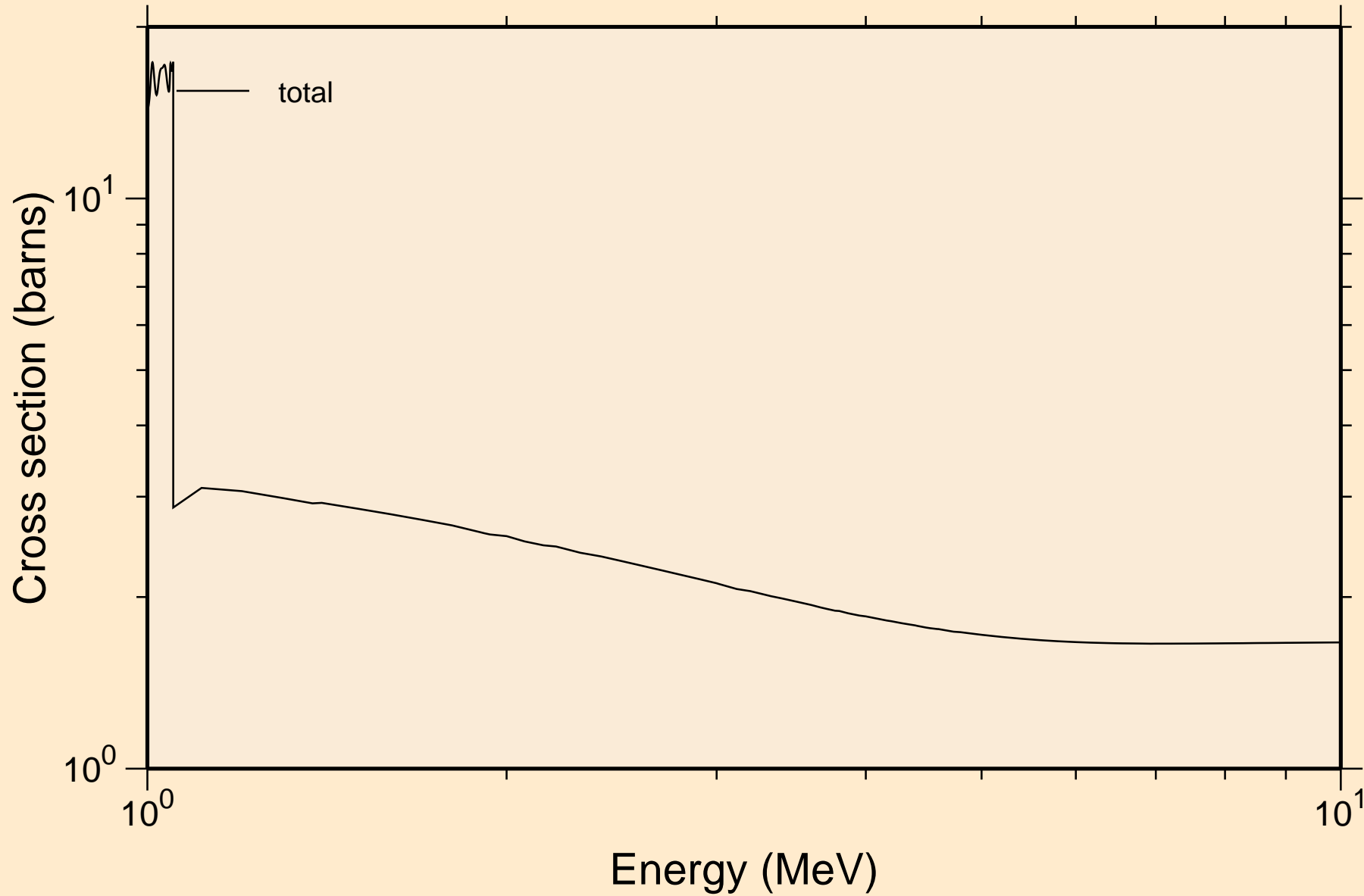
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



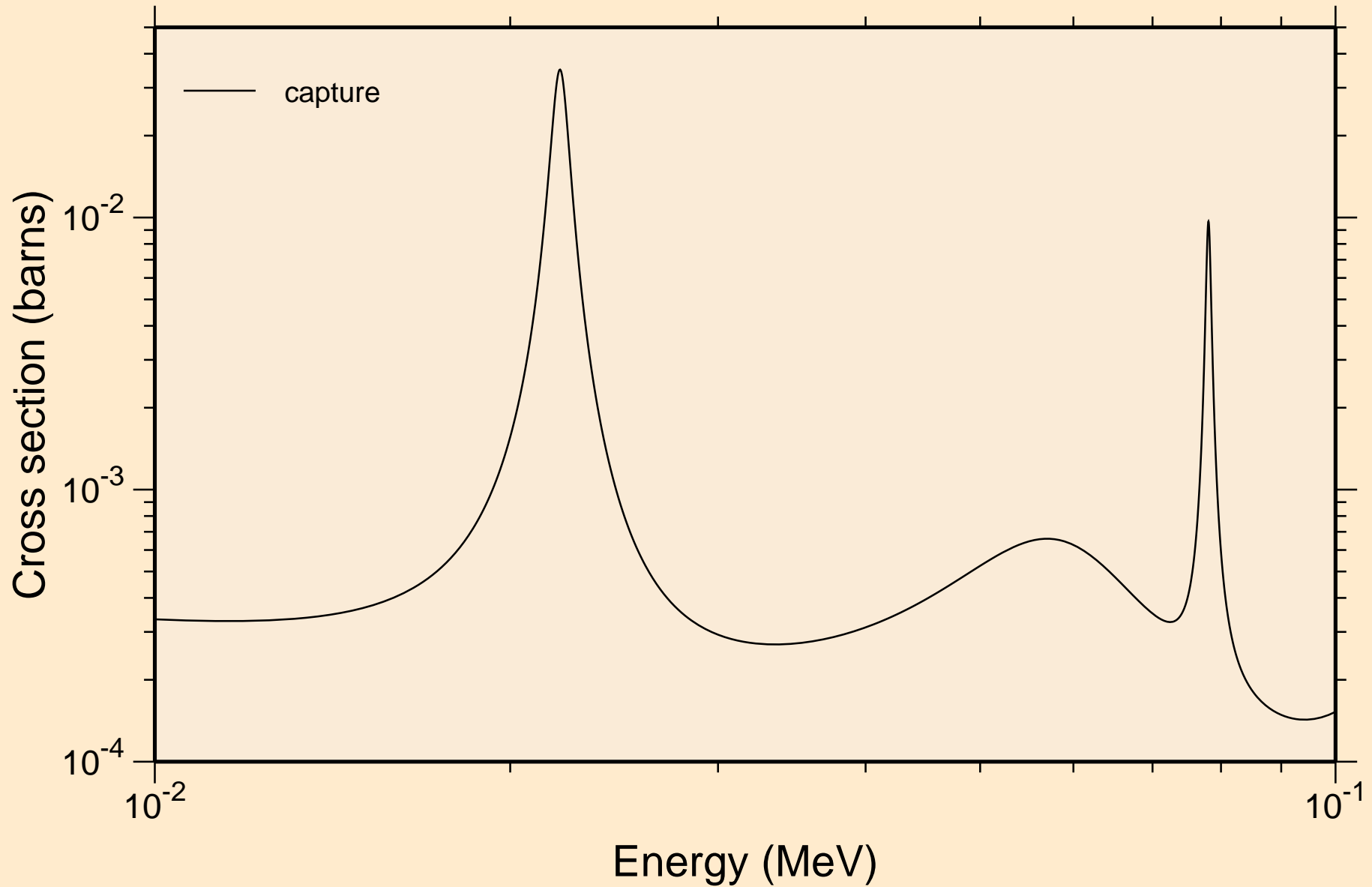
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



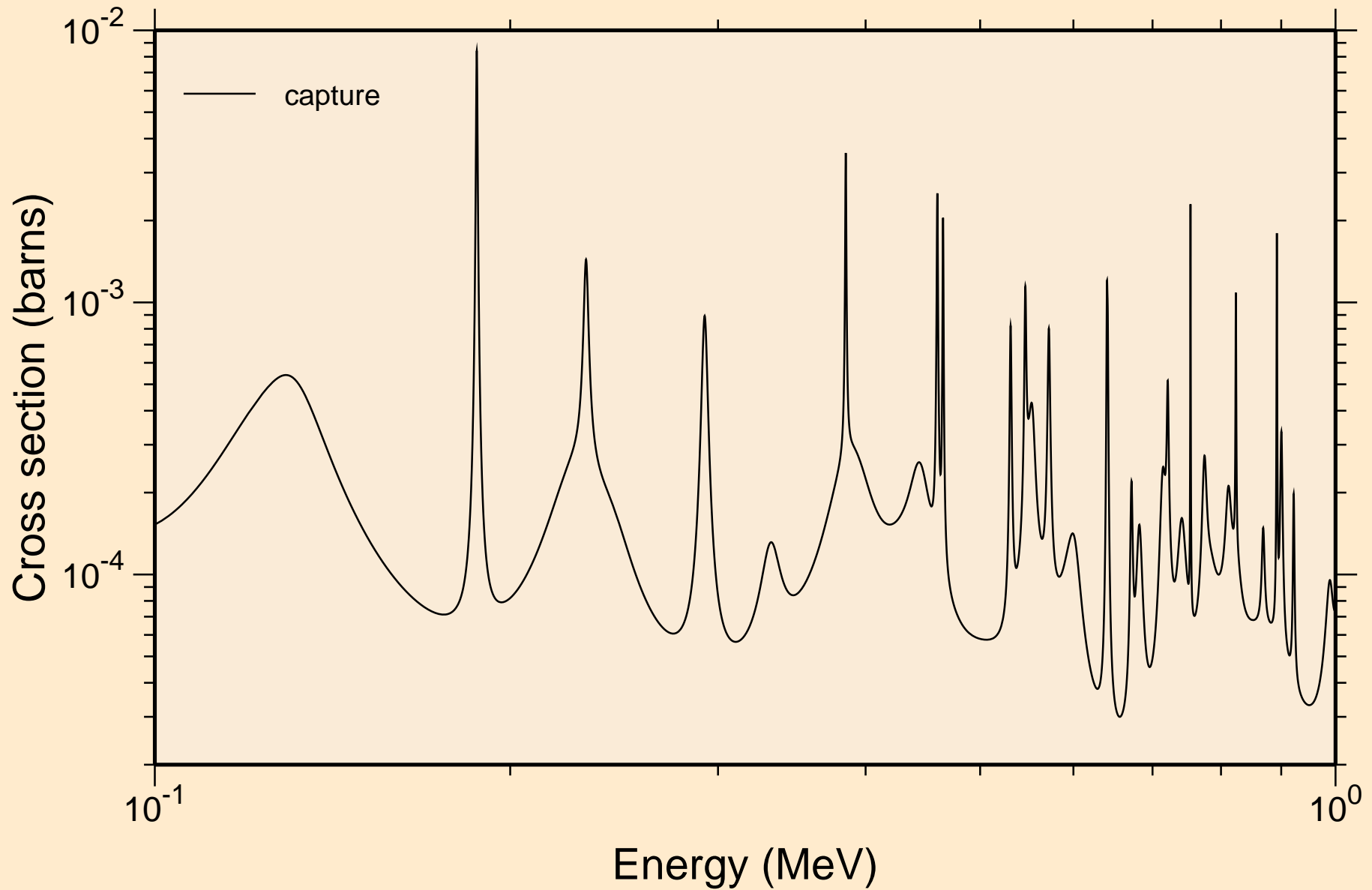
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



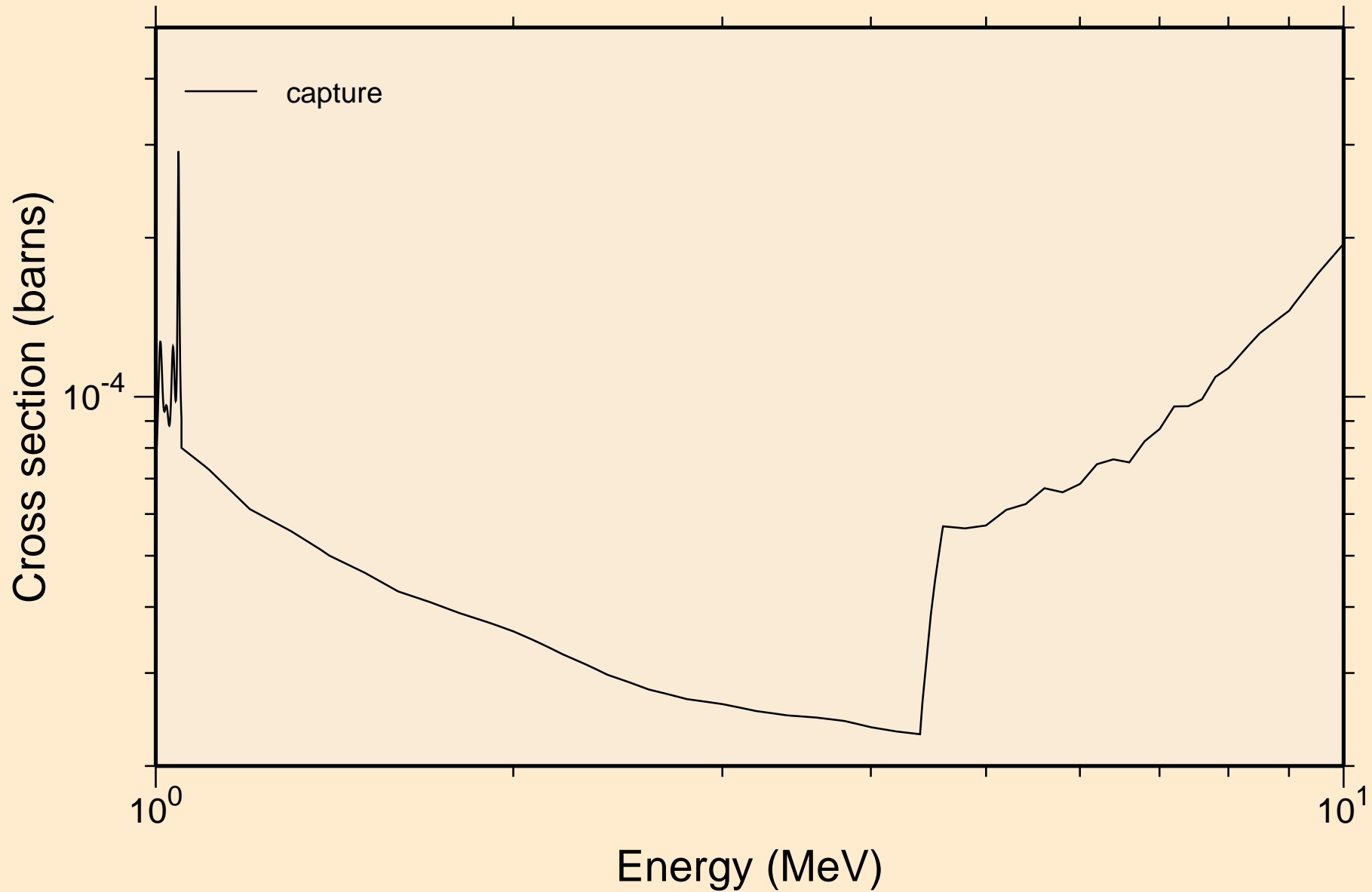
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



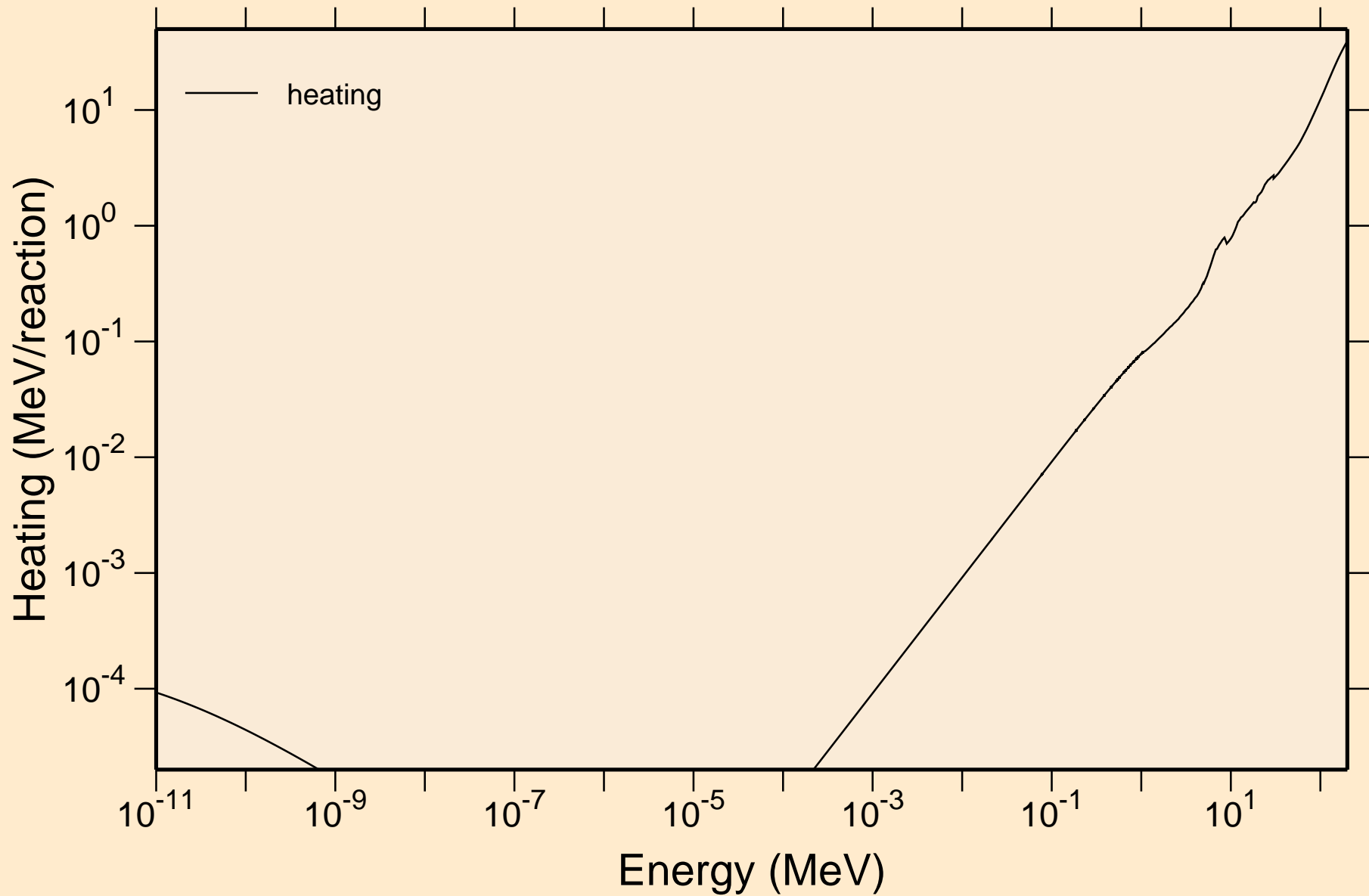
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



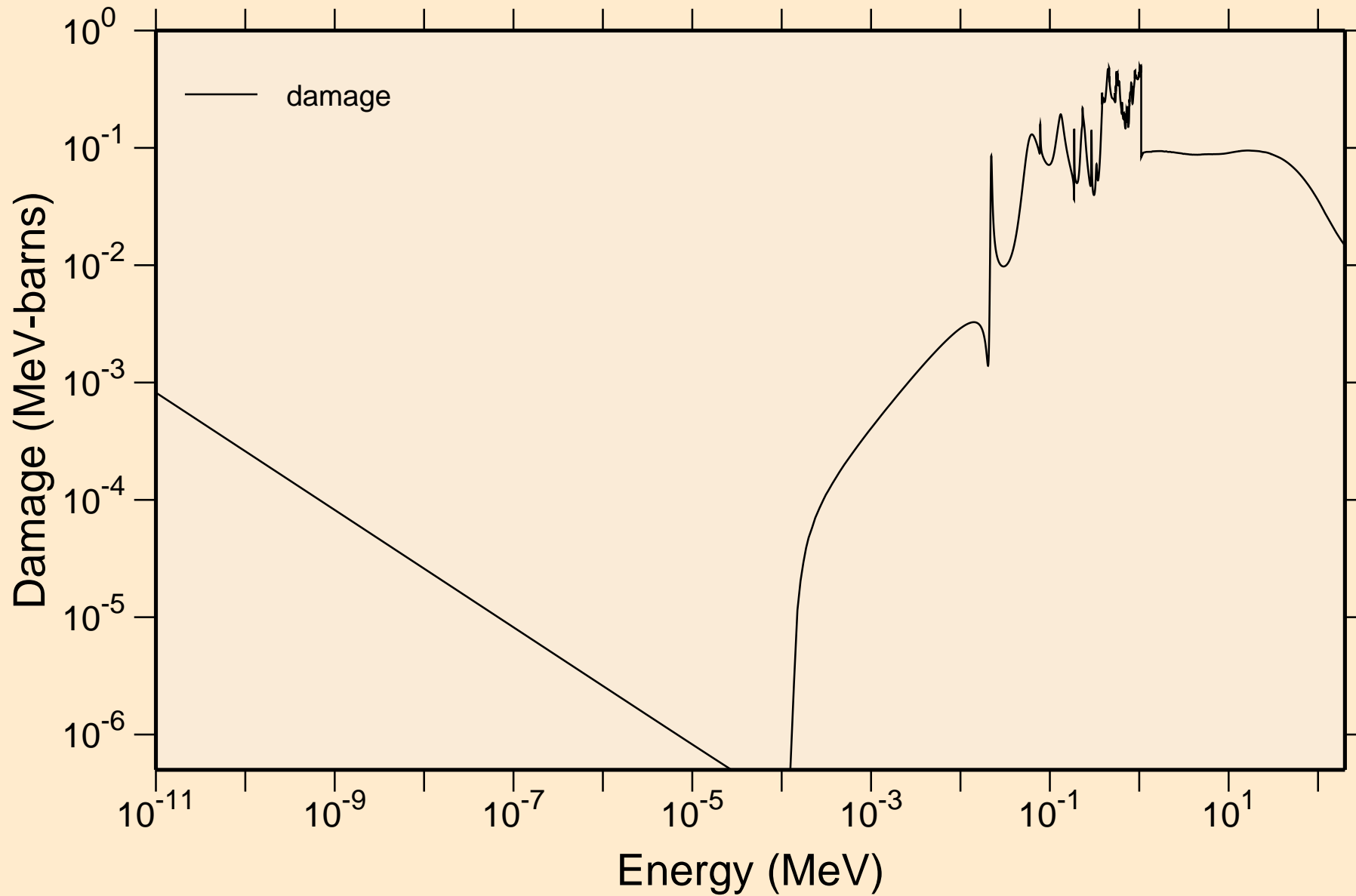
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



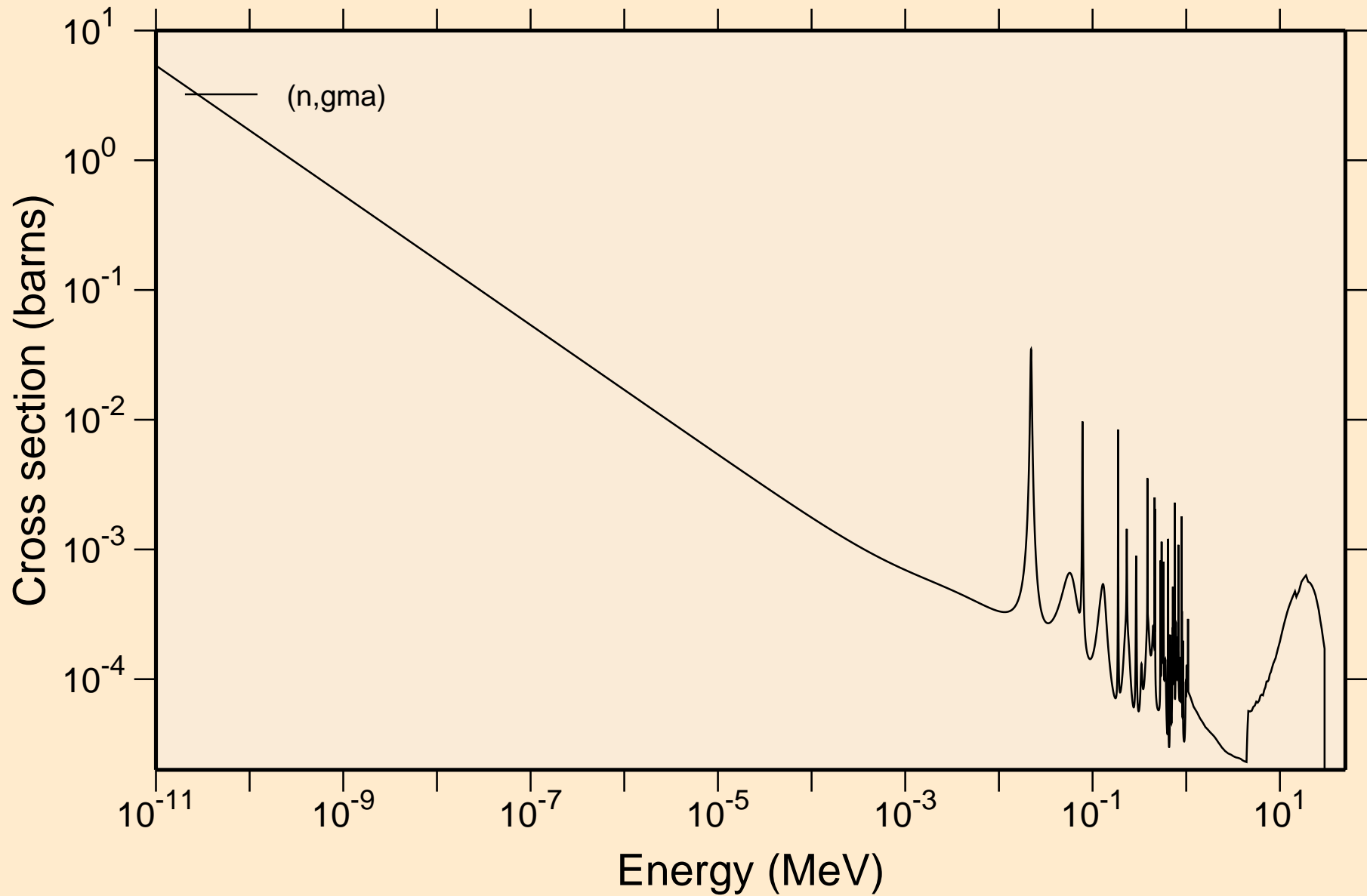


# F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage

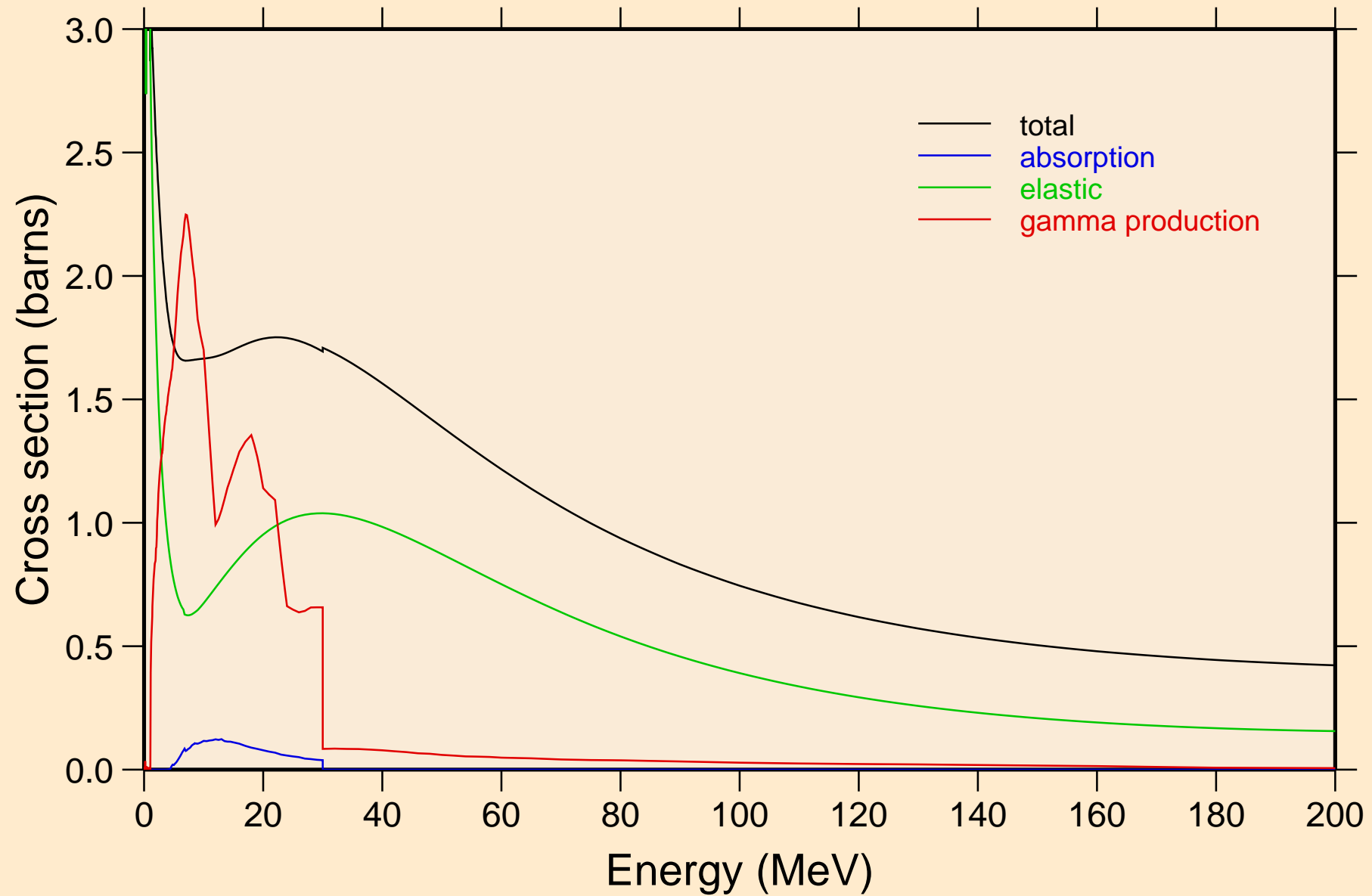


F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



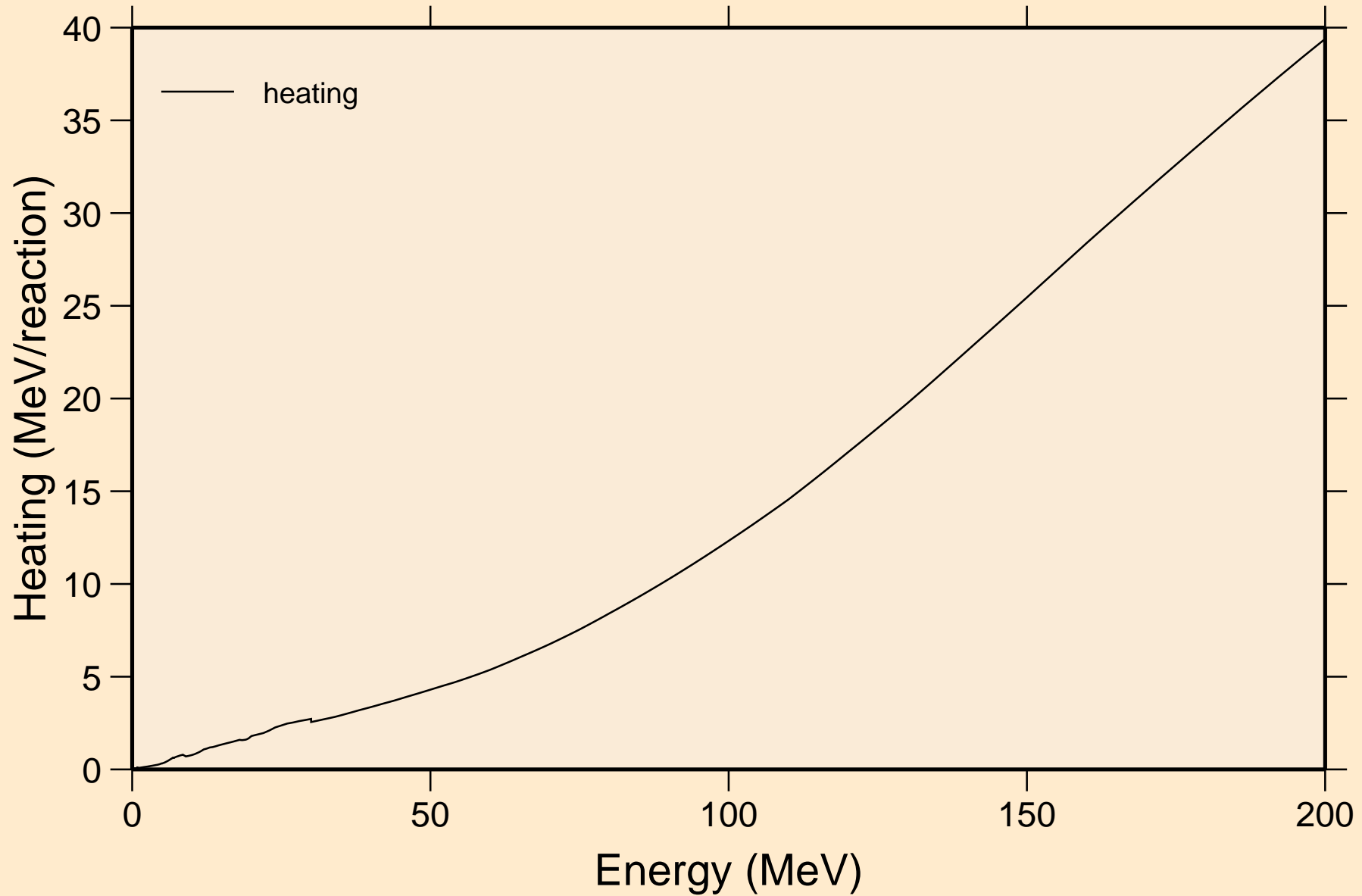
# F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



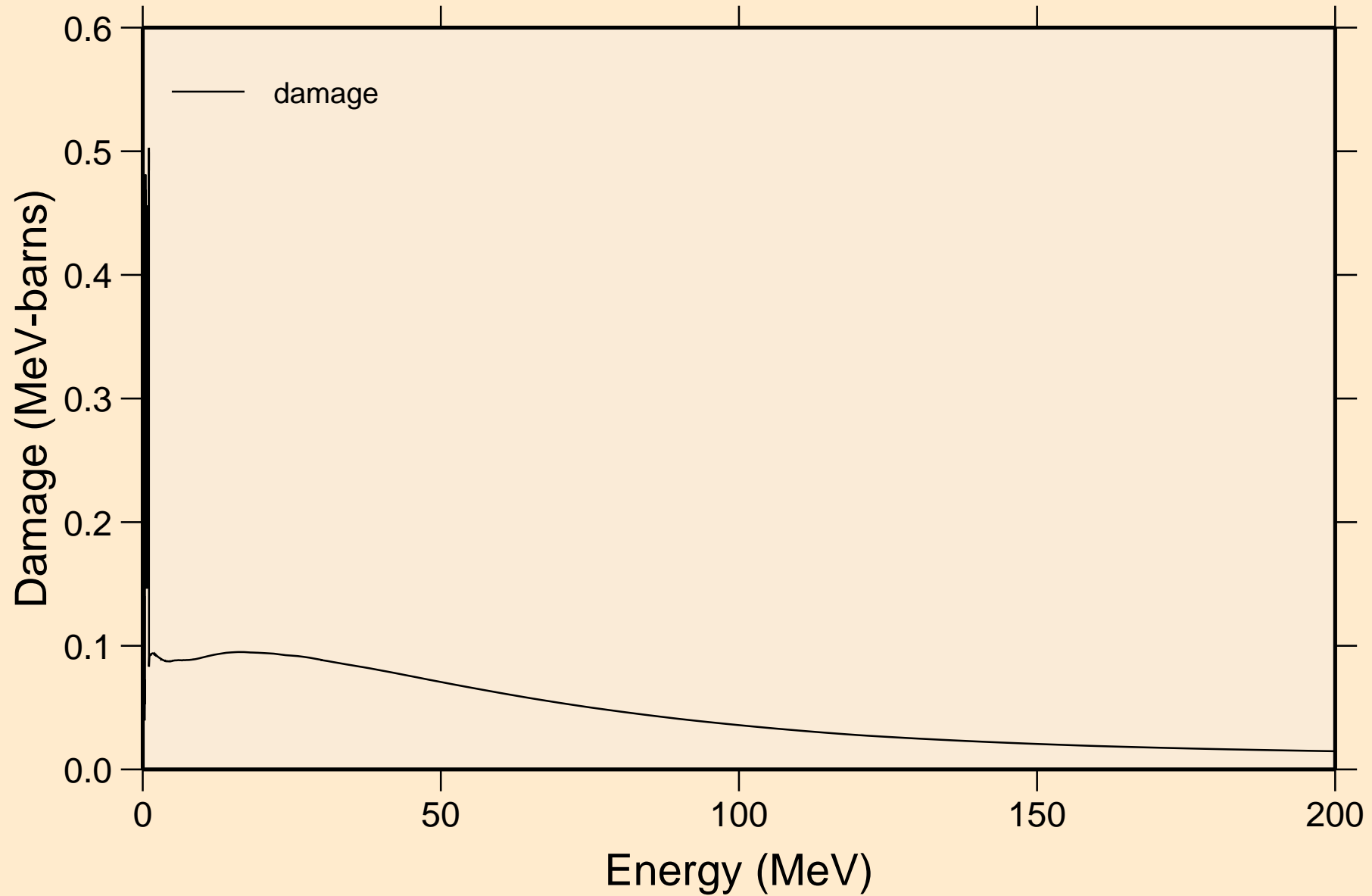
# F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

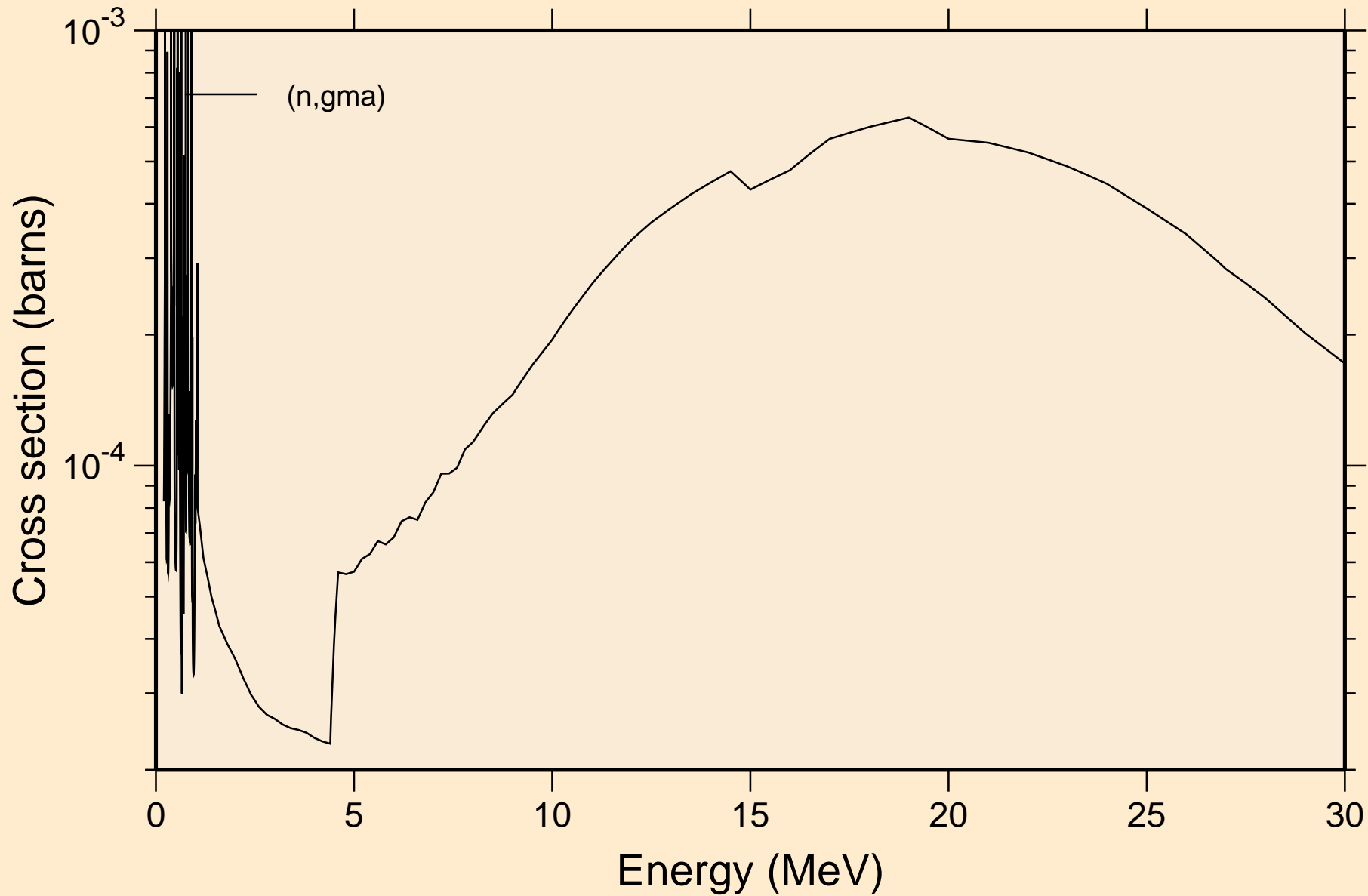


# F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

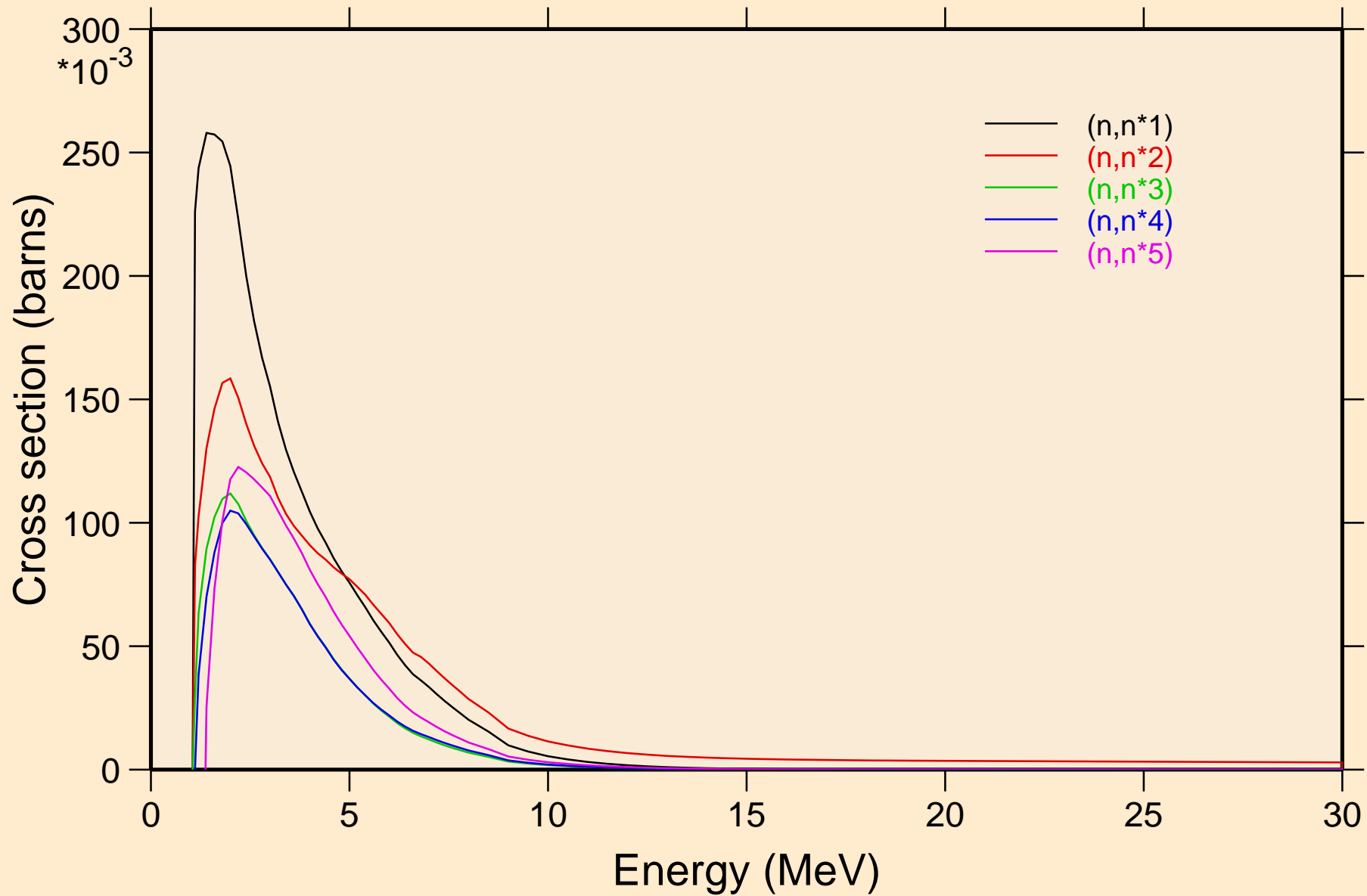
## Damage



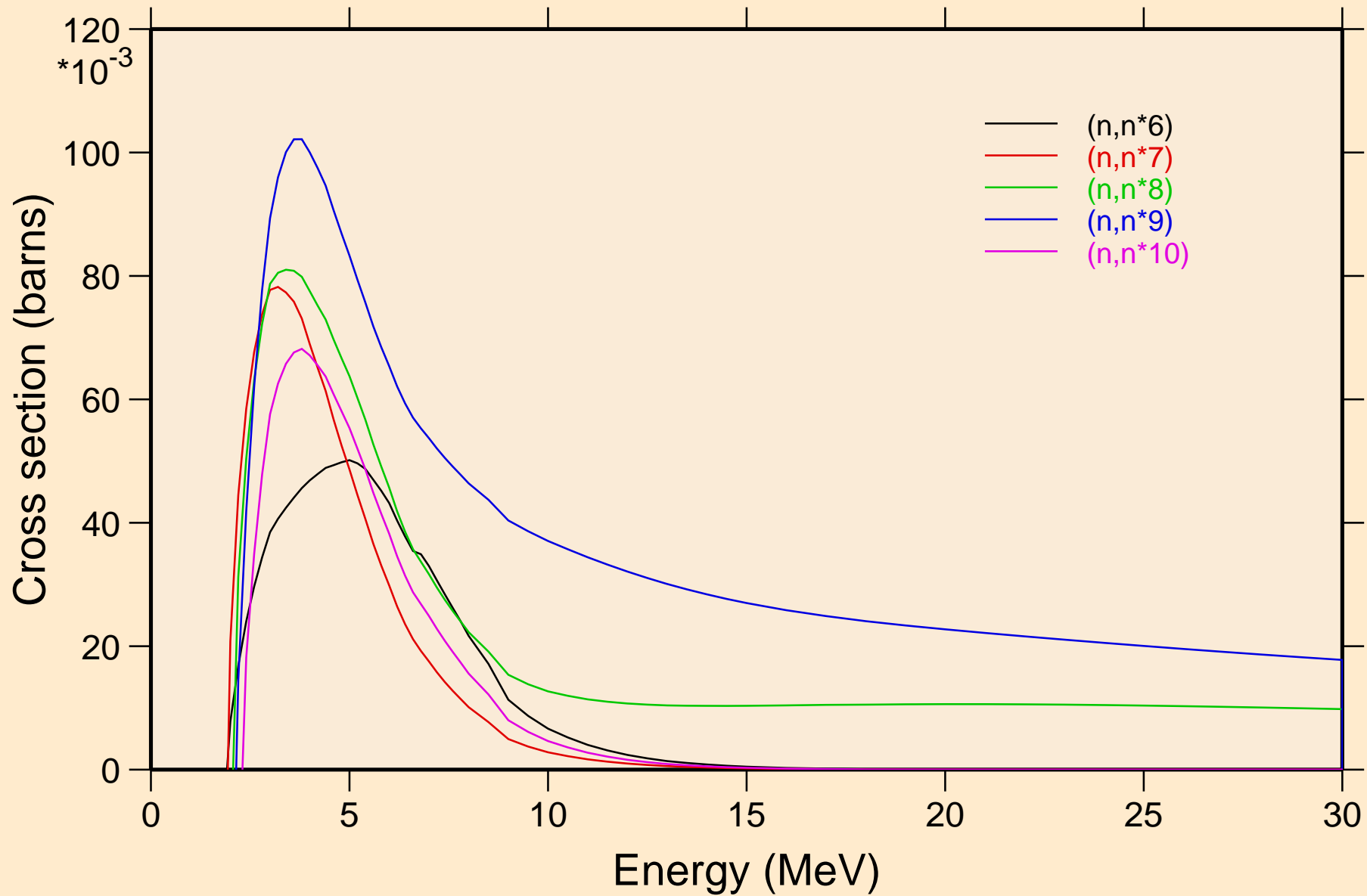
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

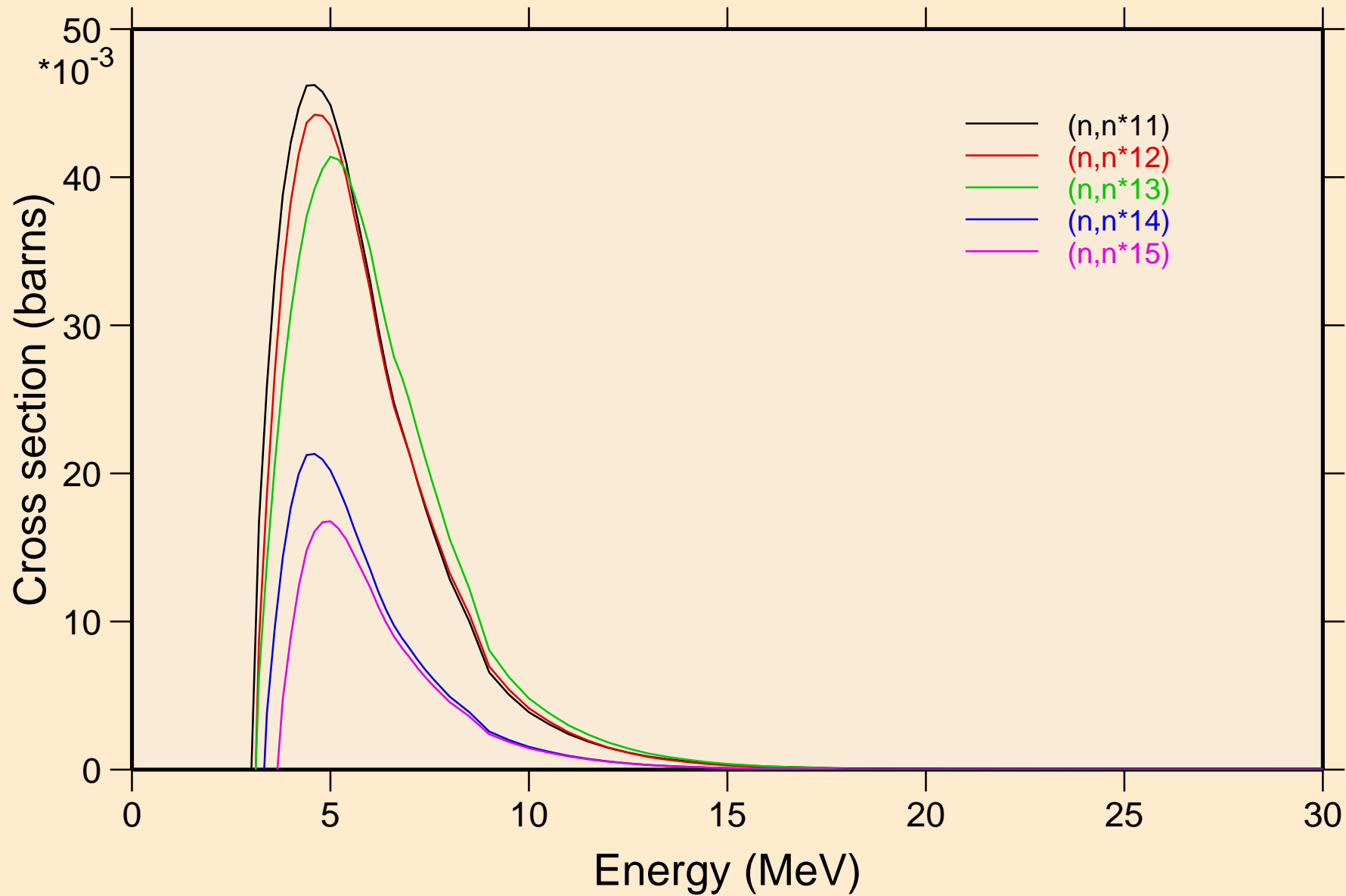


F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

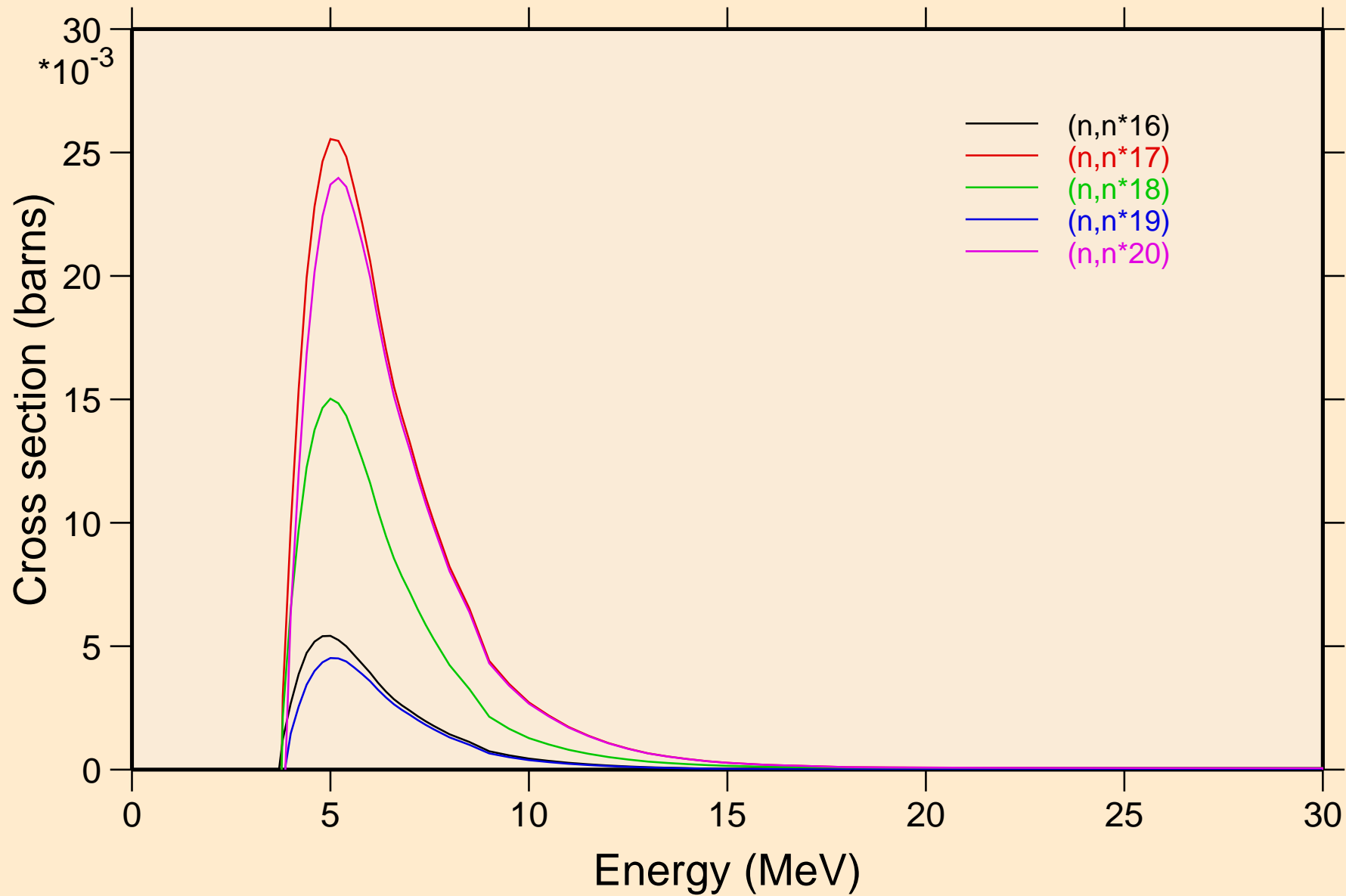




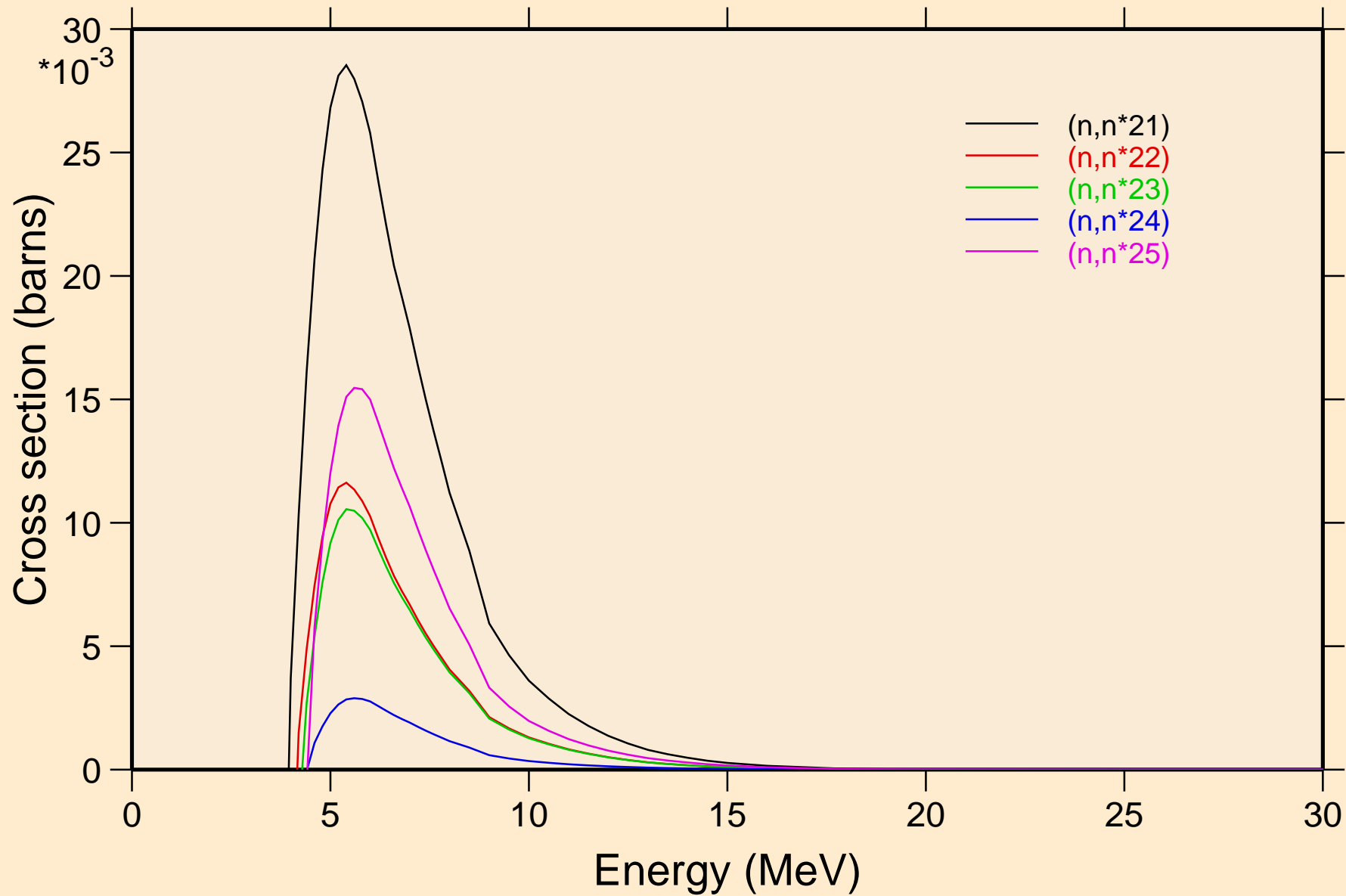
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



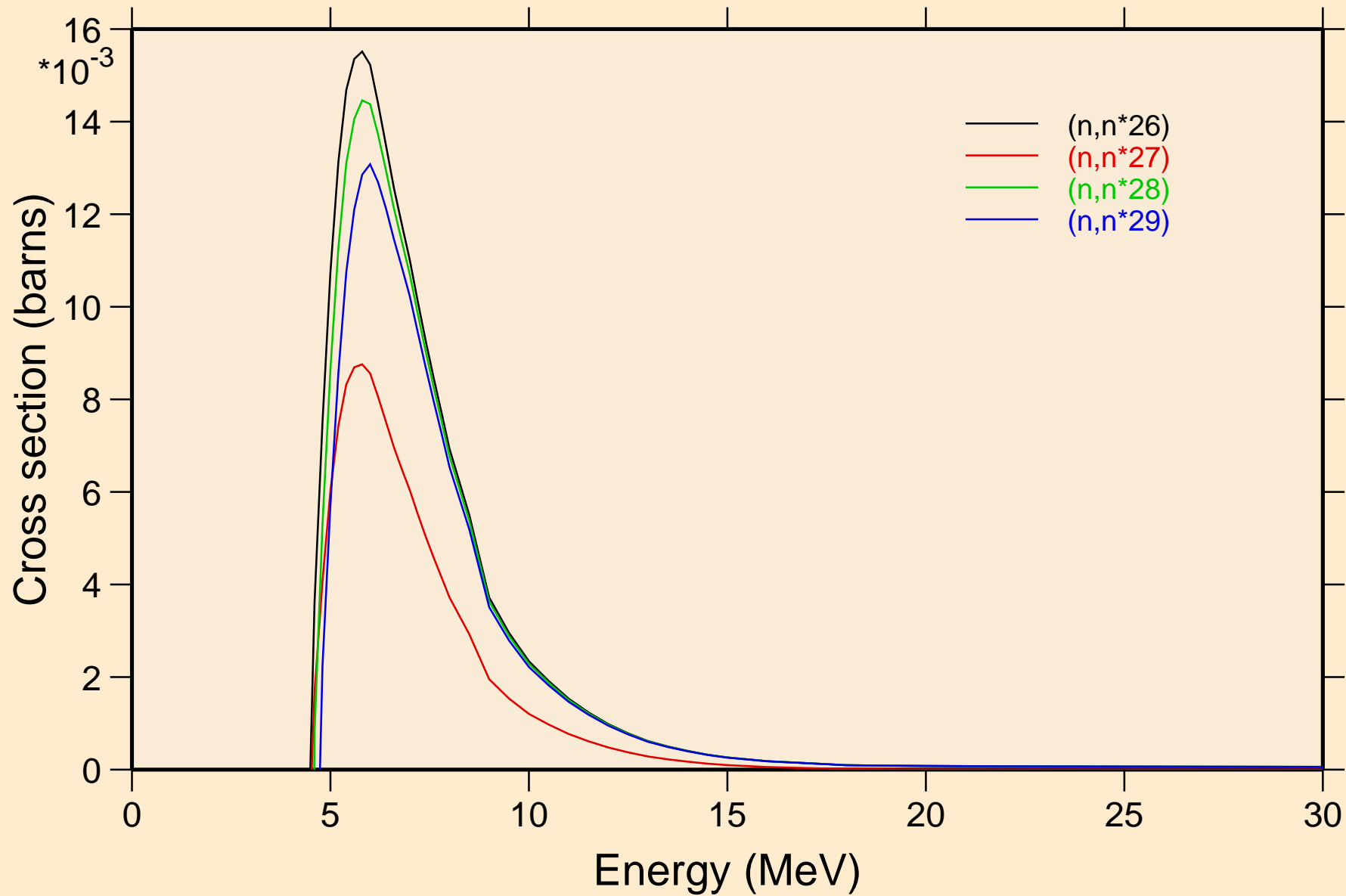
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



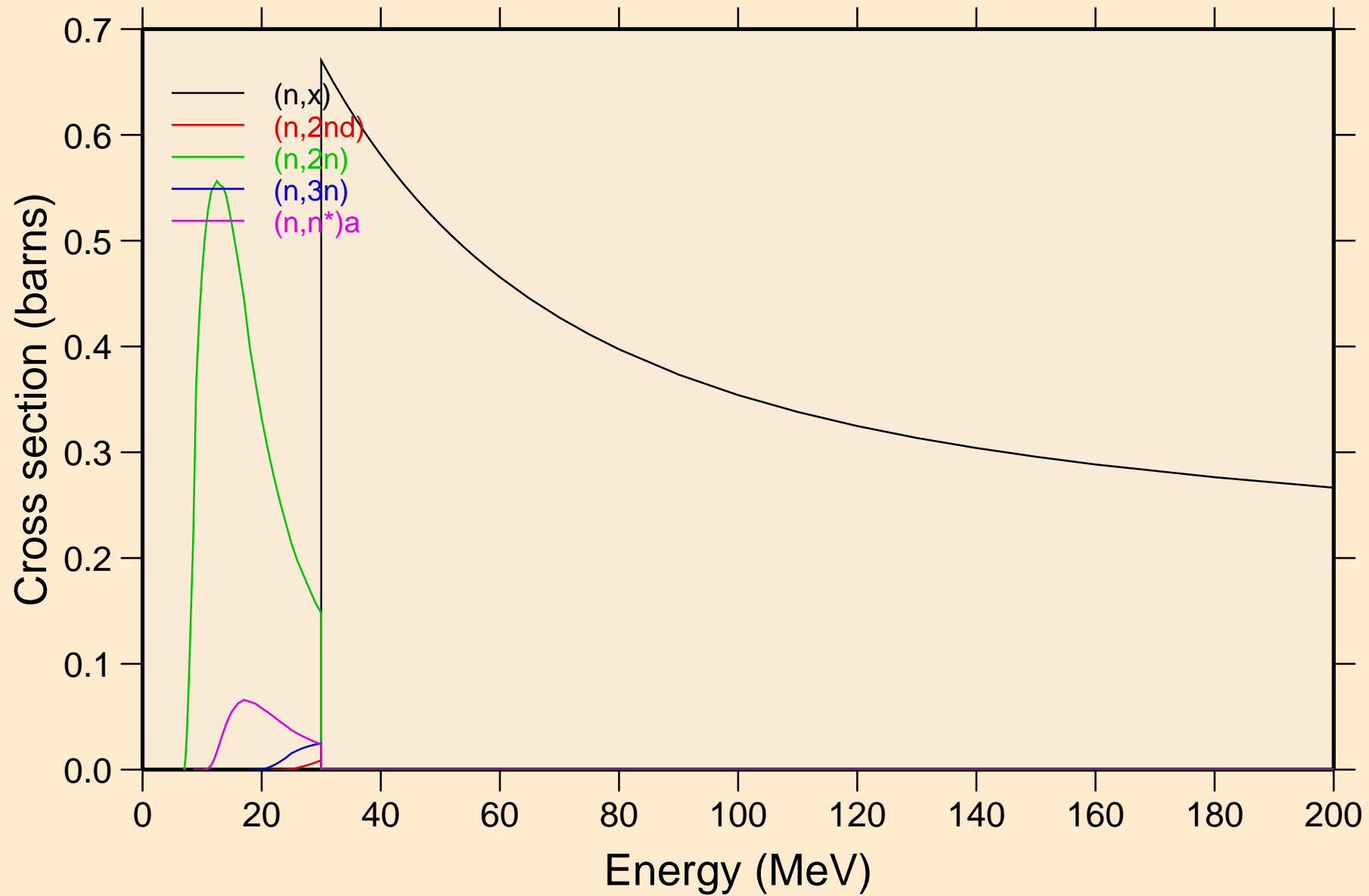
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



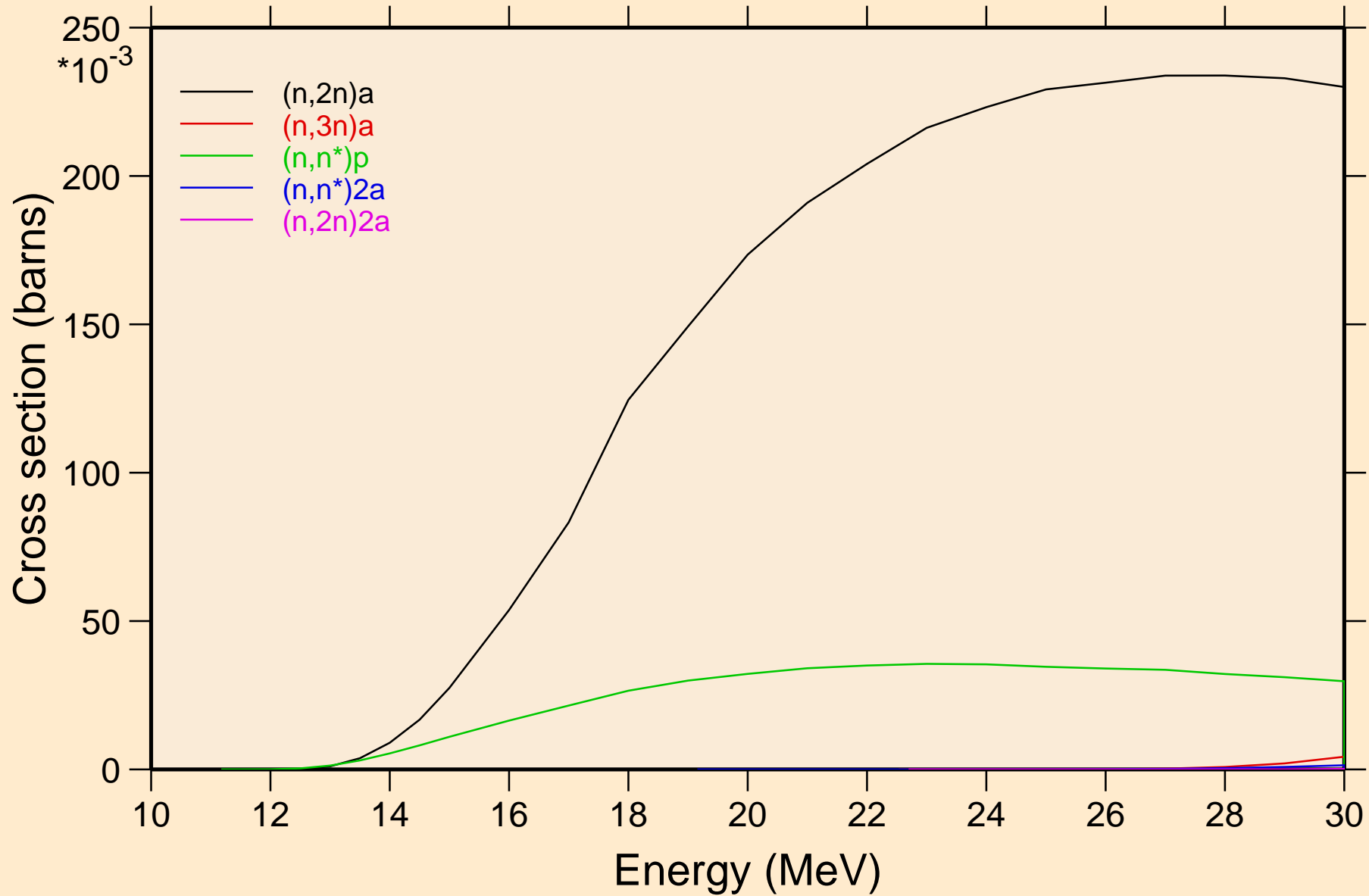
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



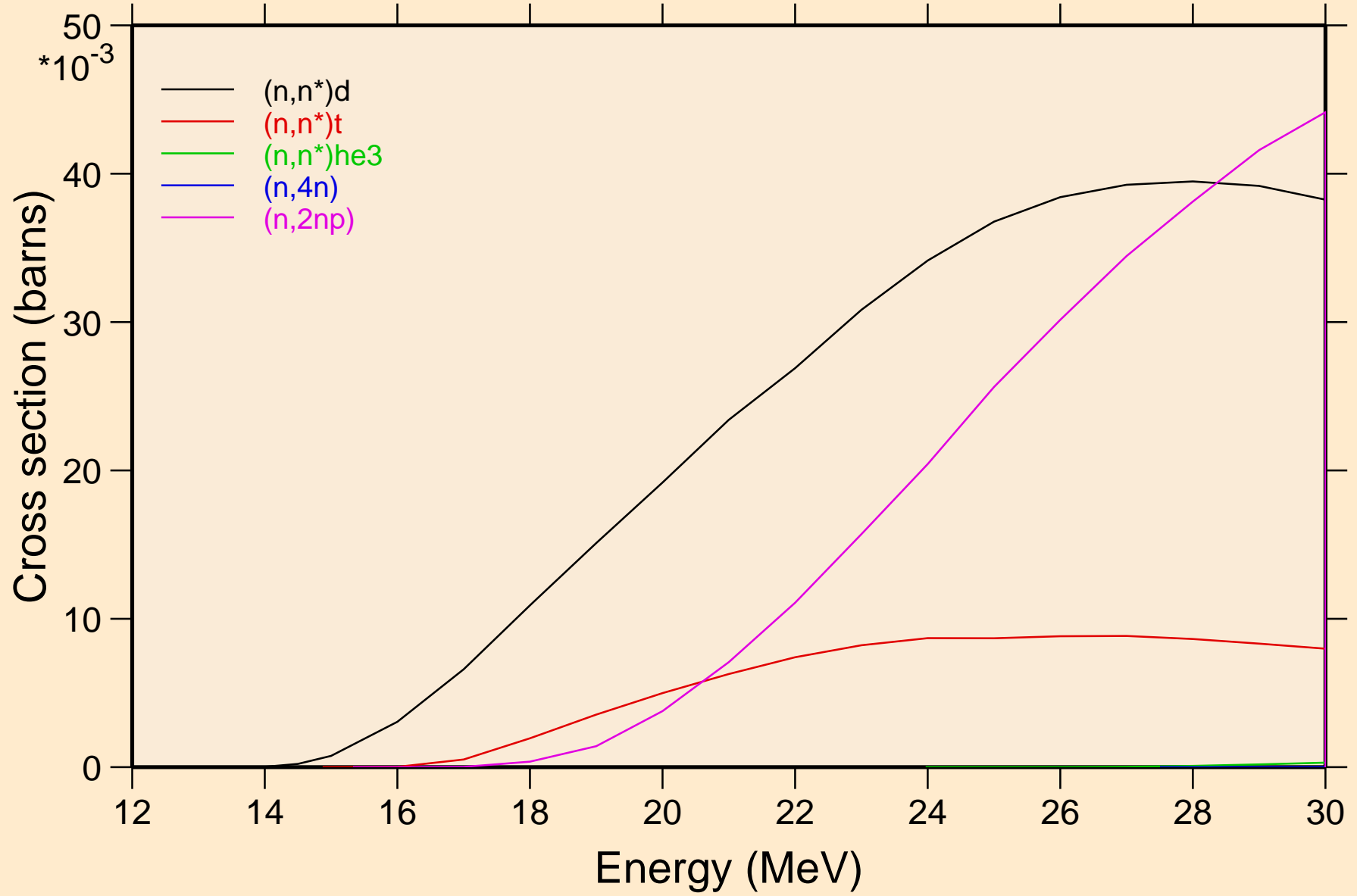
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



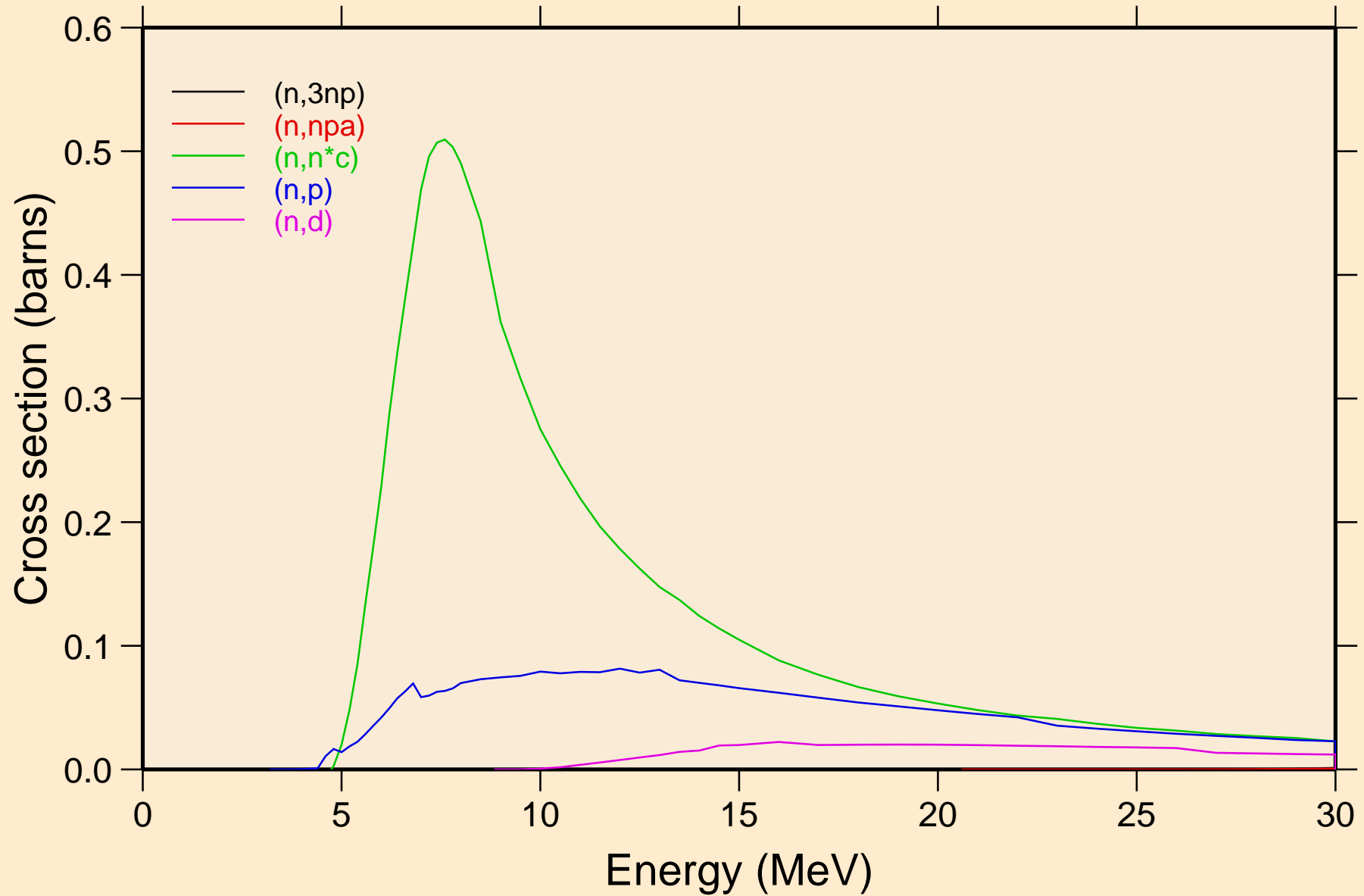
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



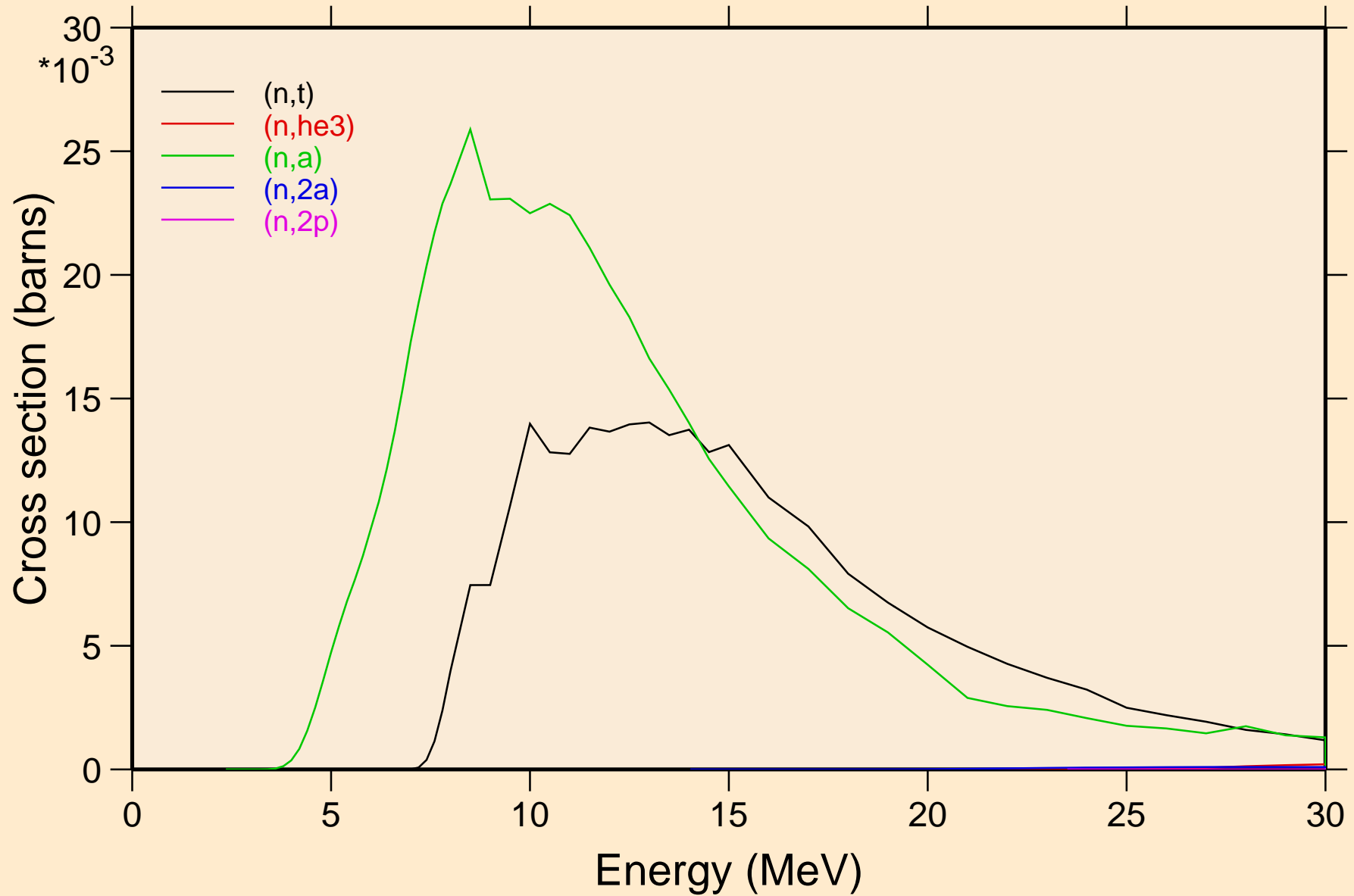
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions





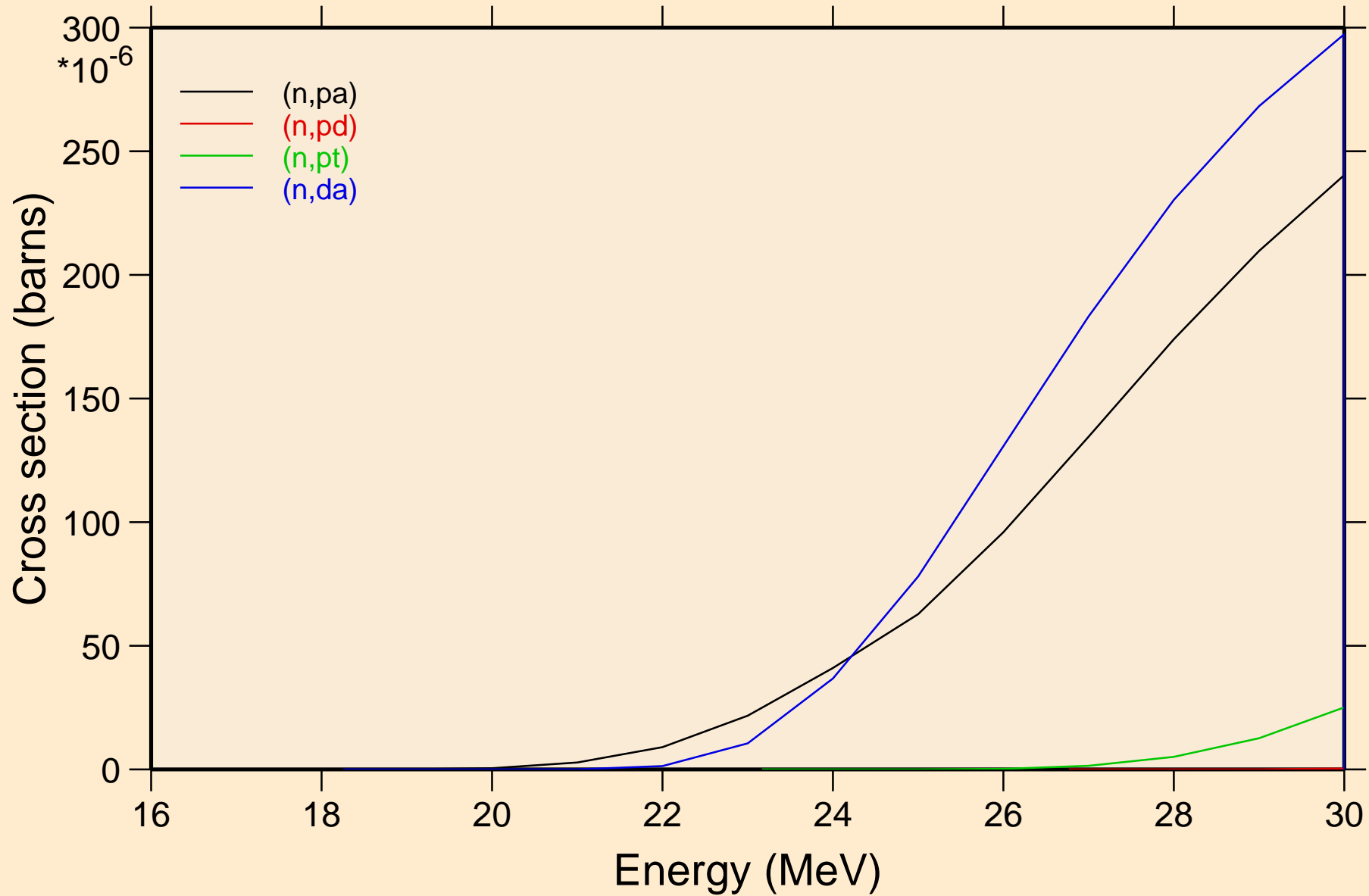
# F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



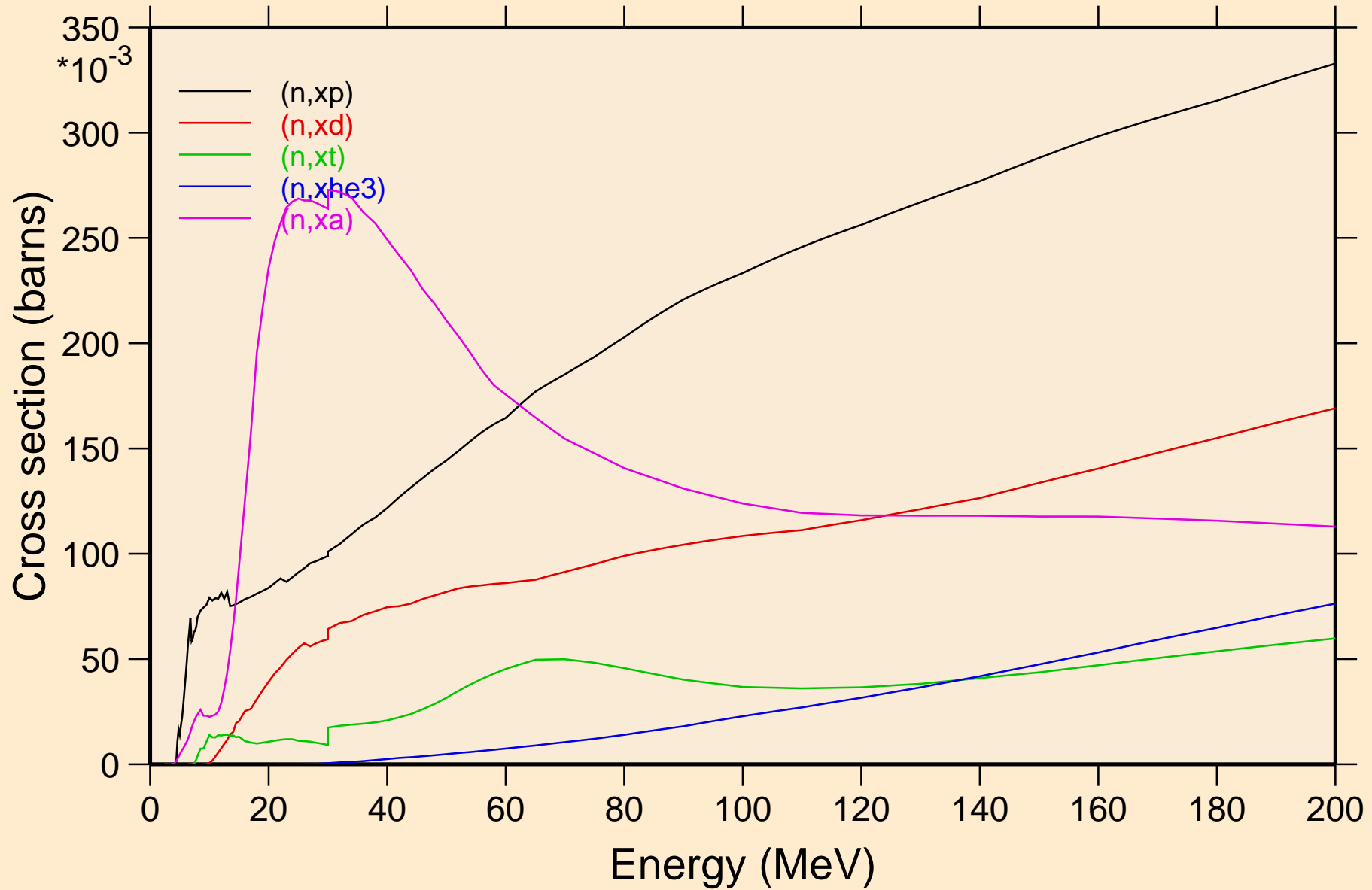
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## Threshold reactions

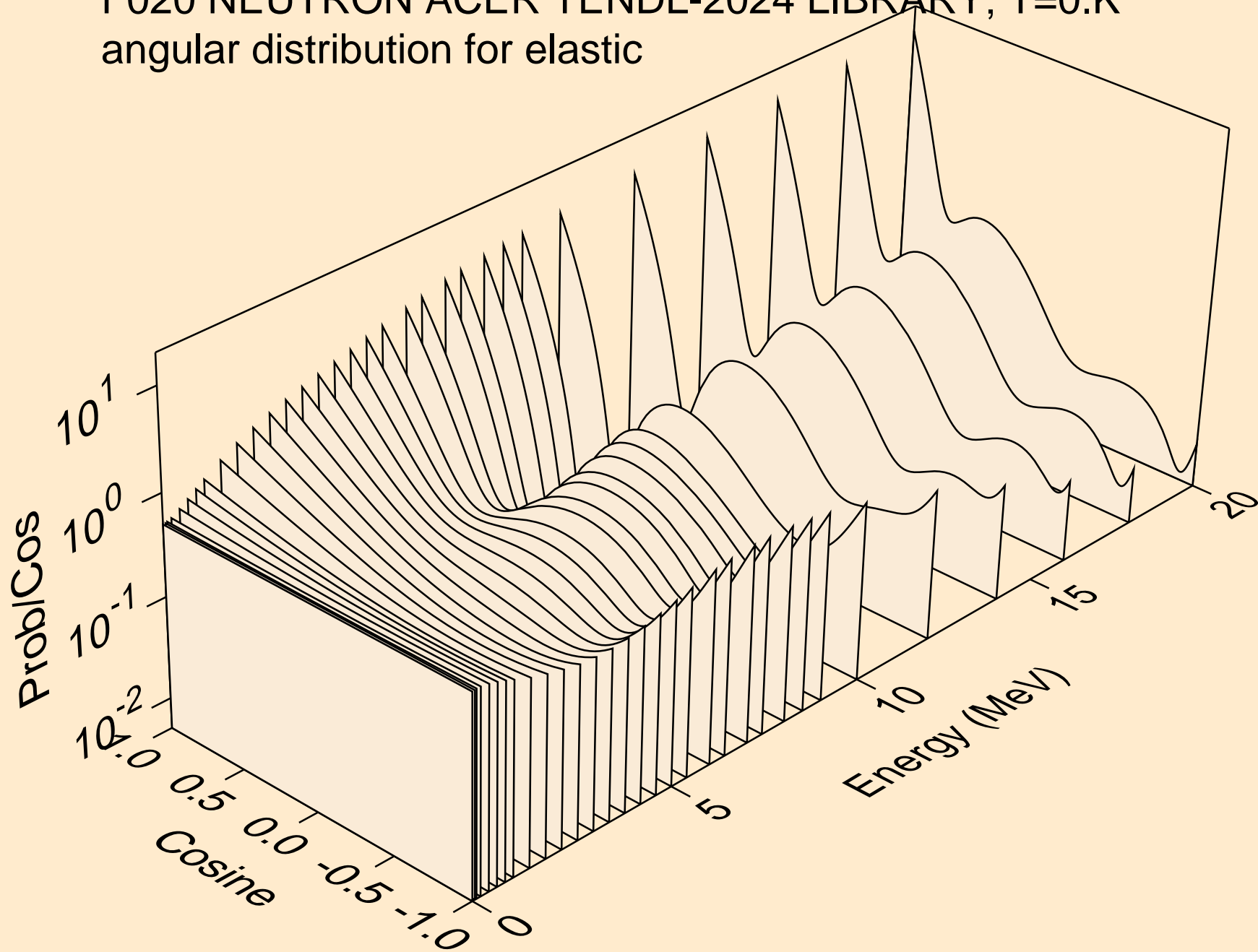


# F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

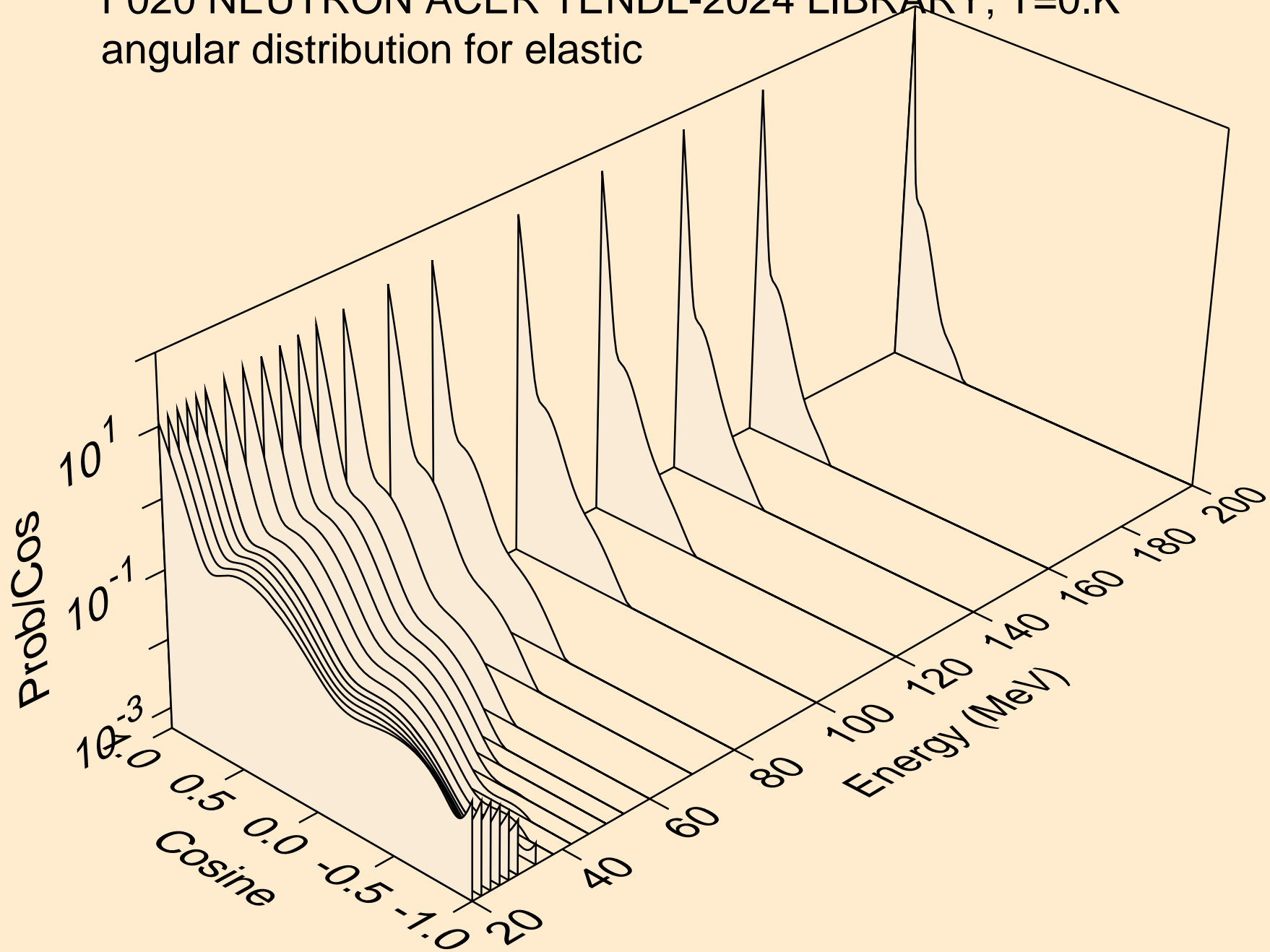
## Threshold reactions



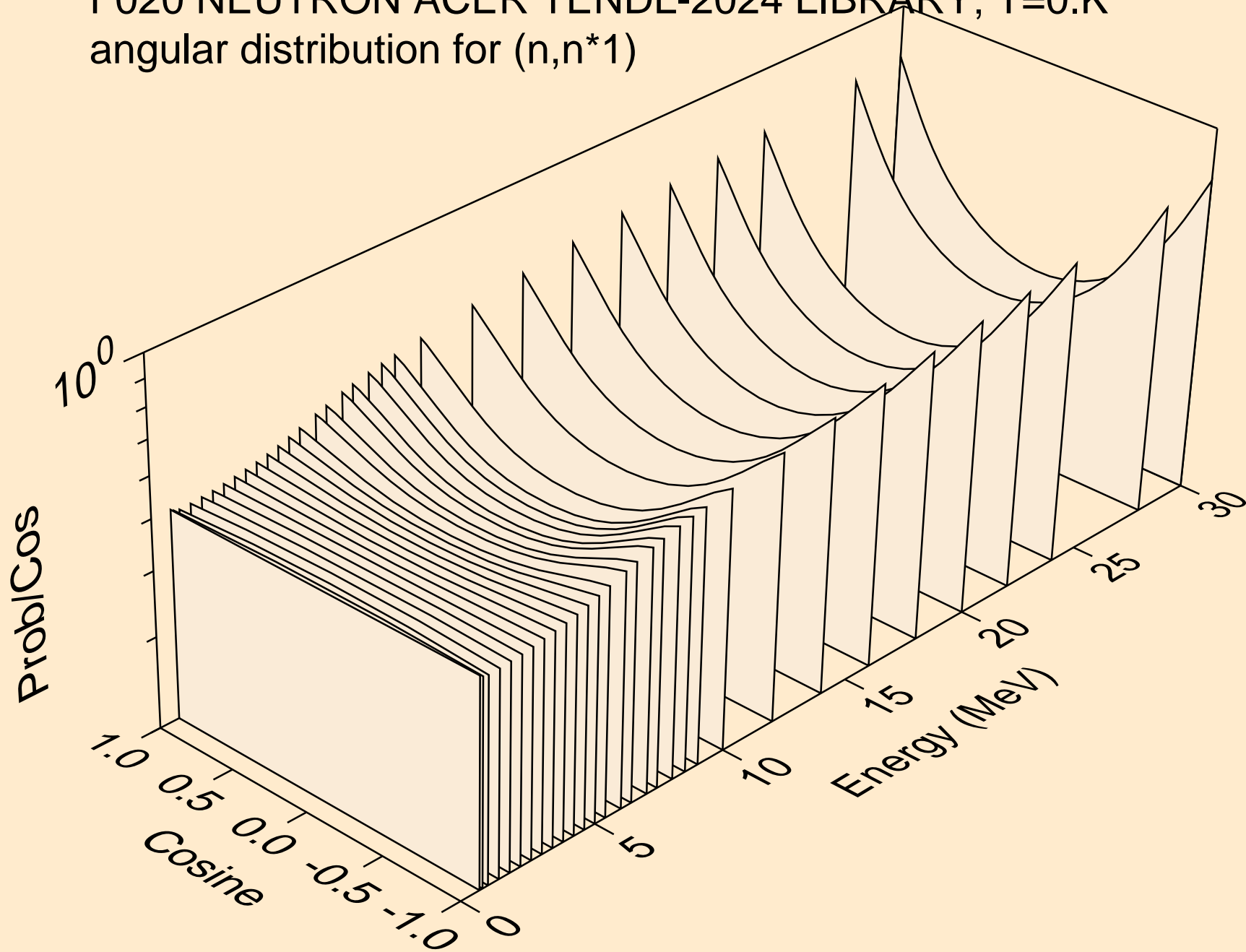
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



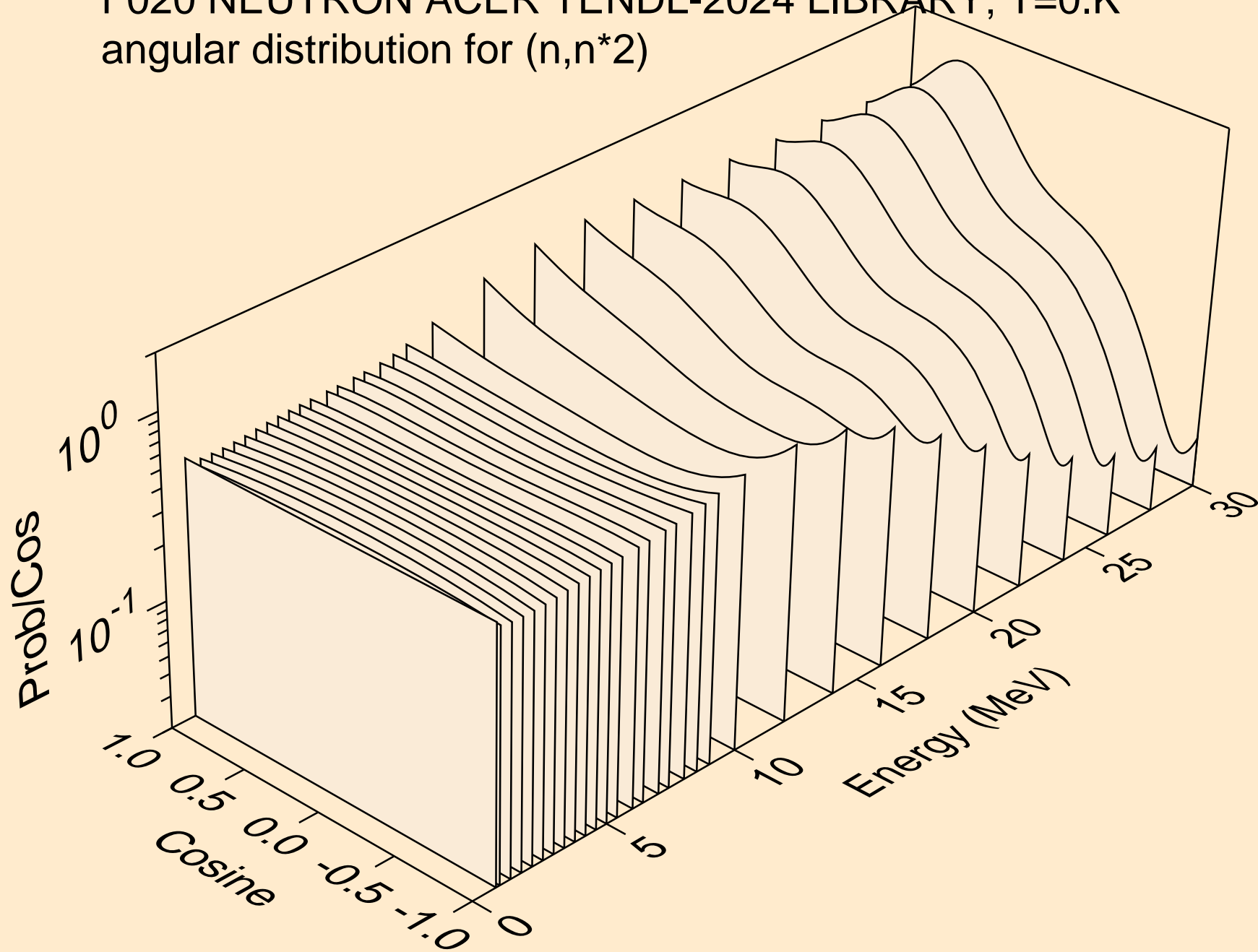
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



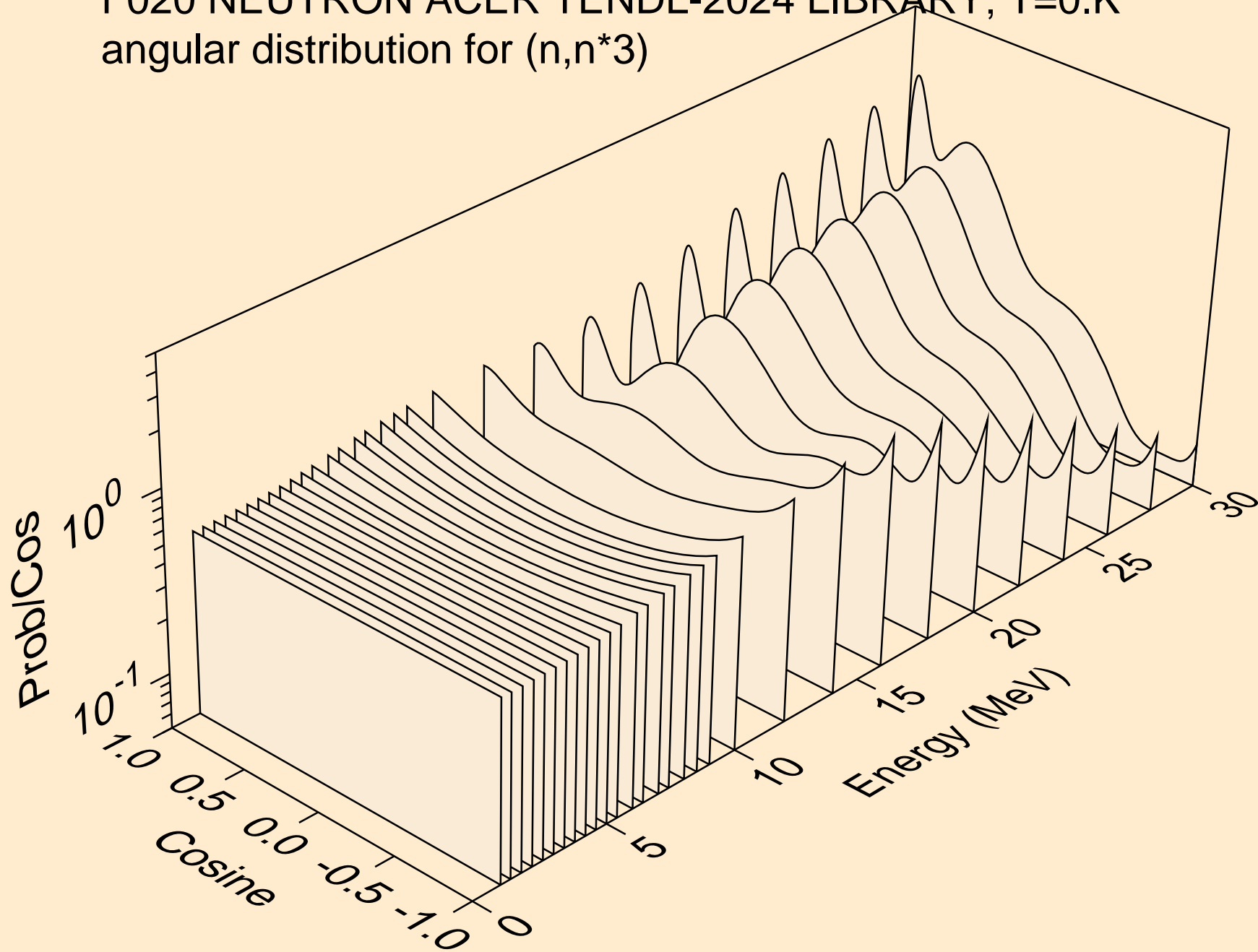
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

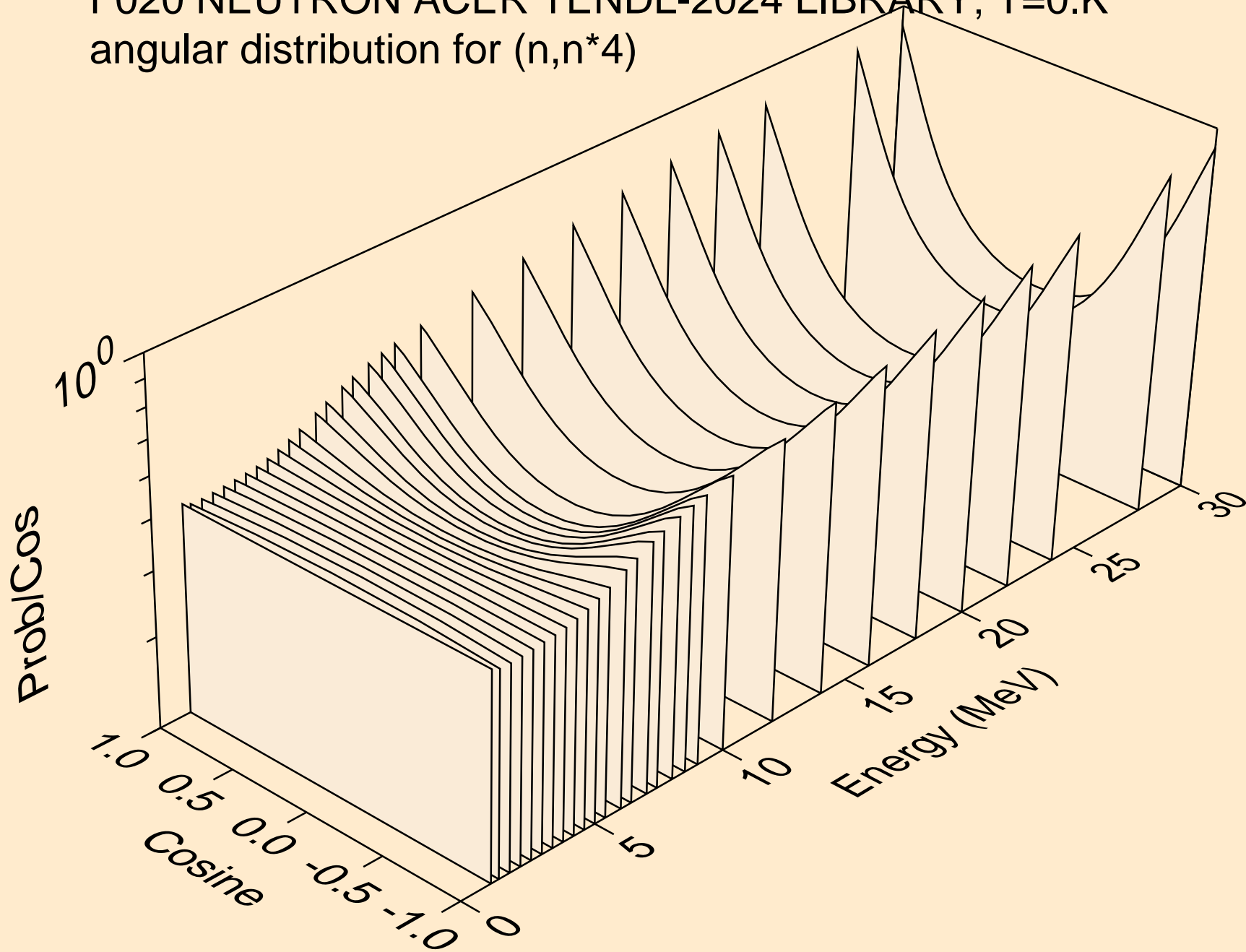


F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

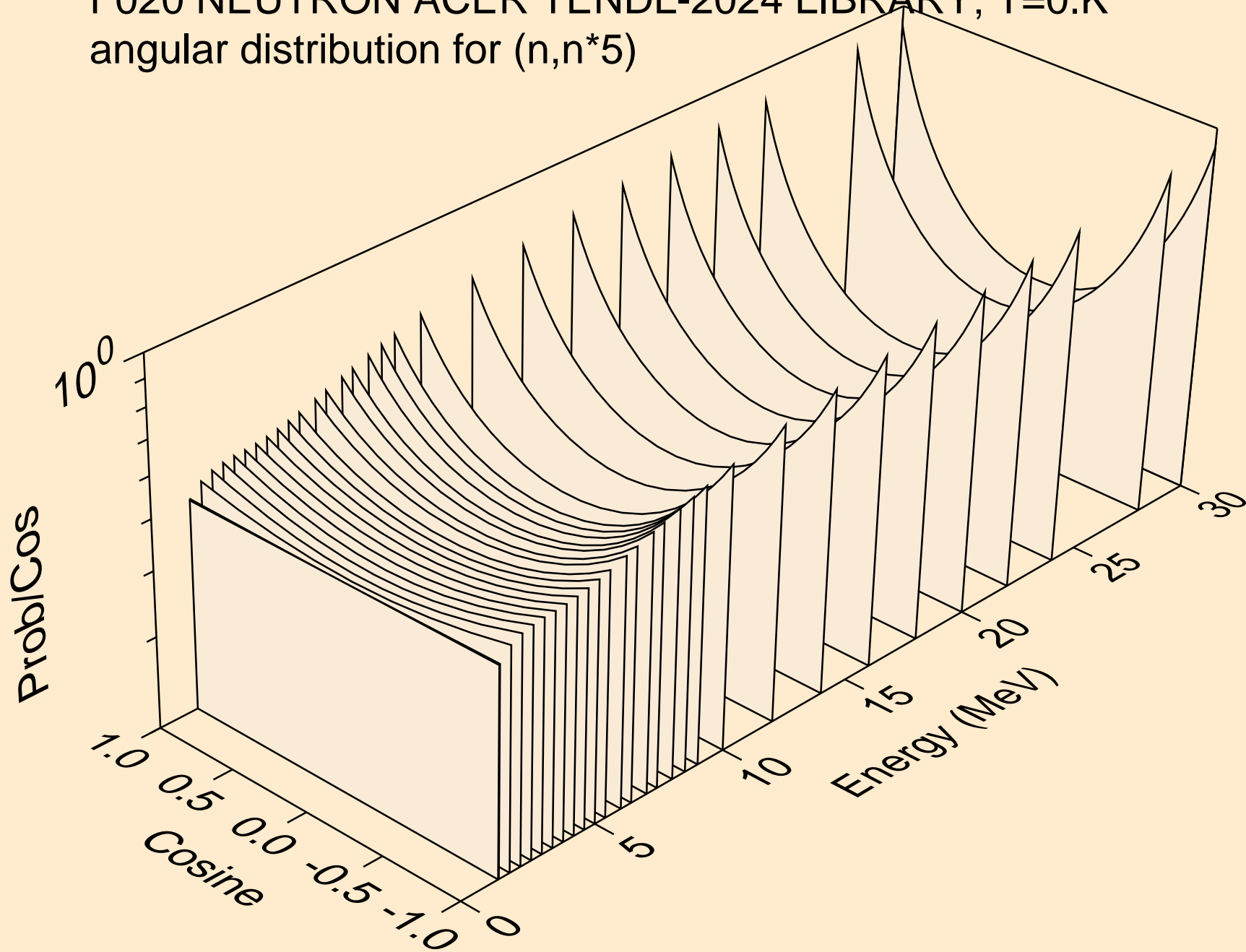




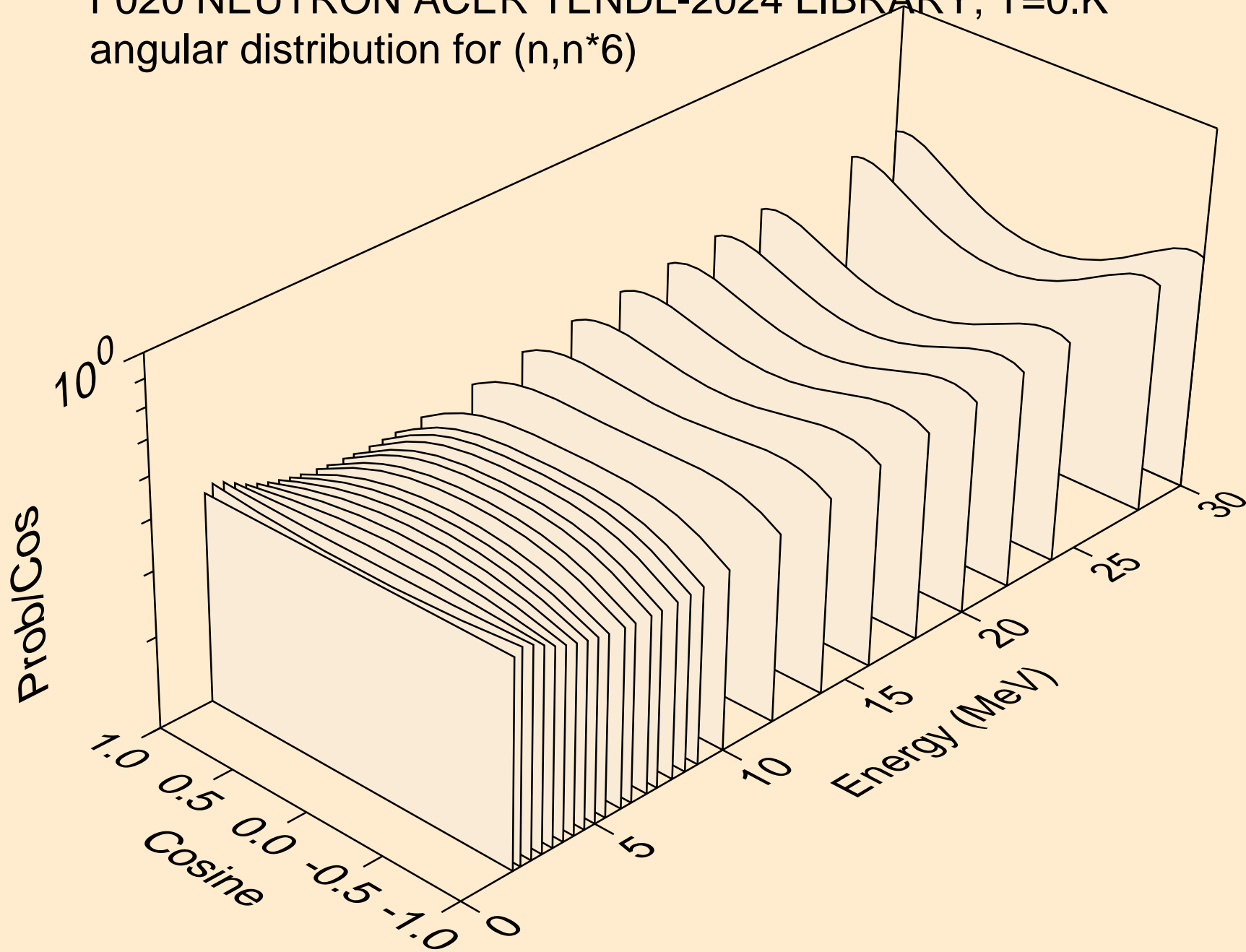
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



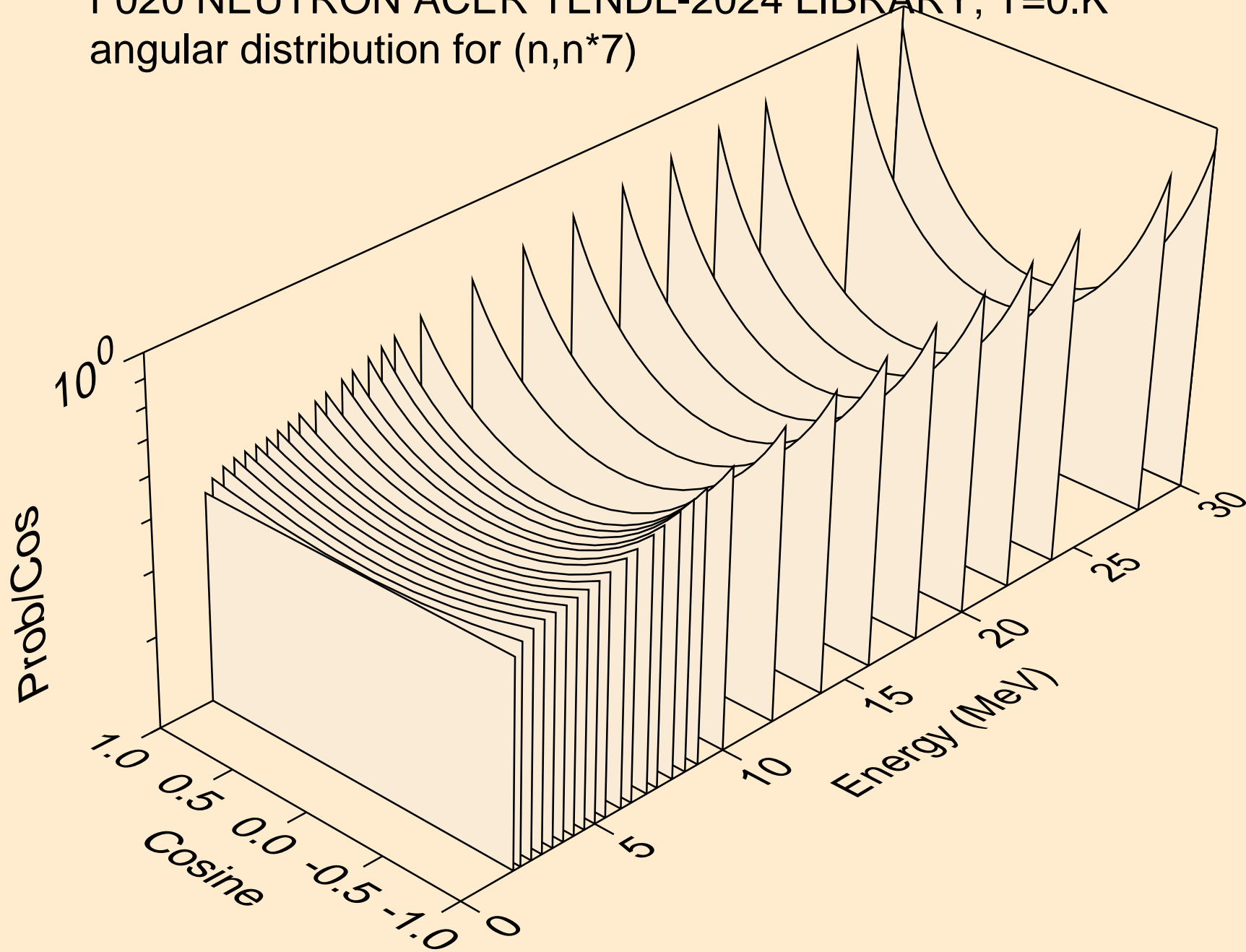
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



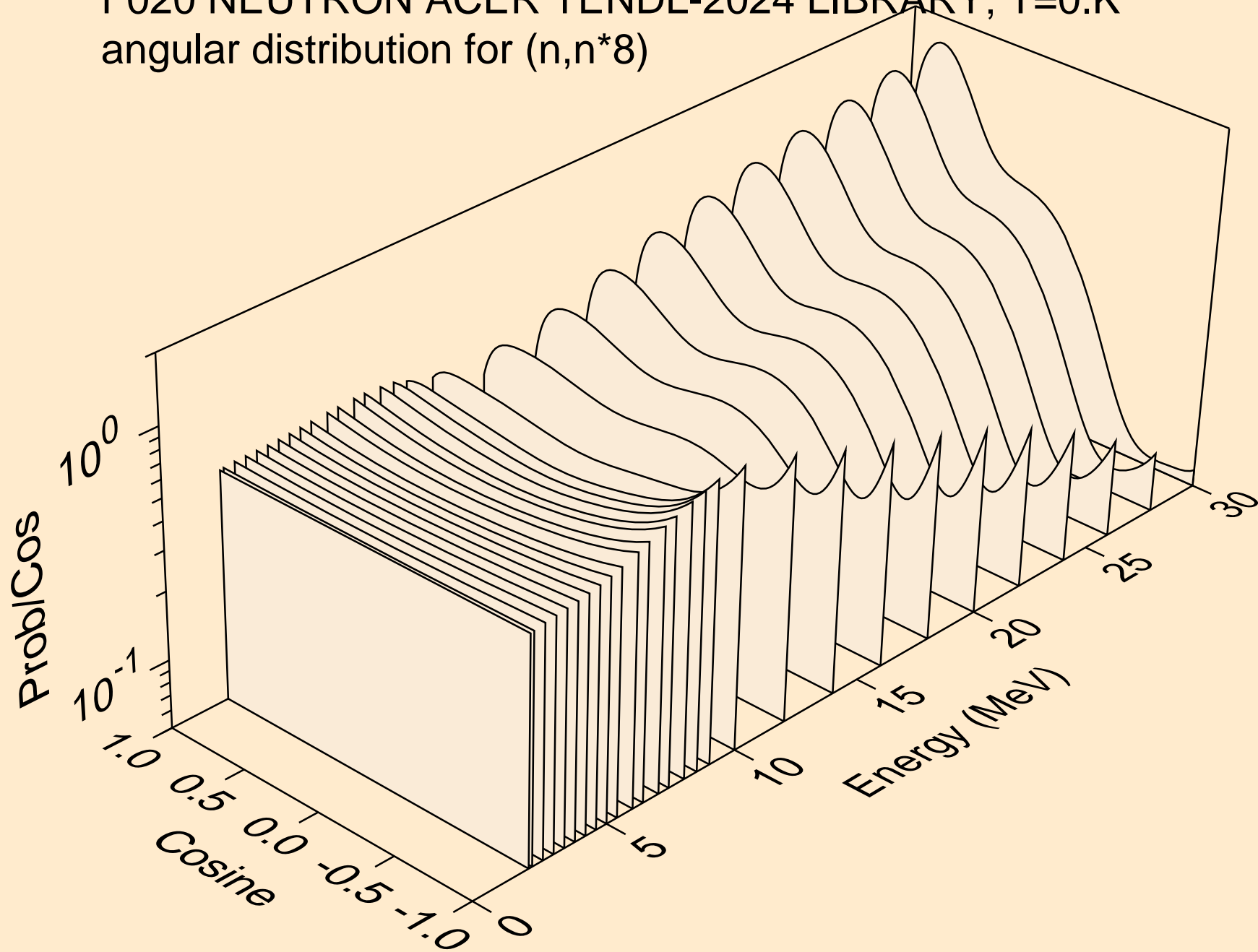
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



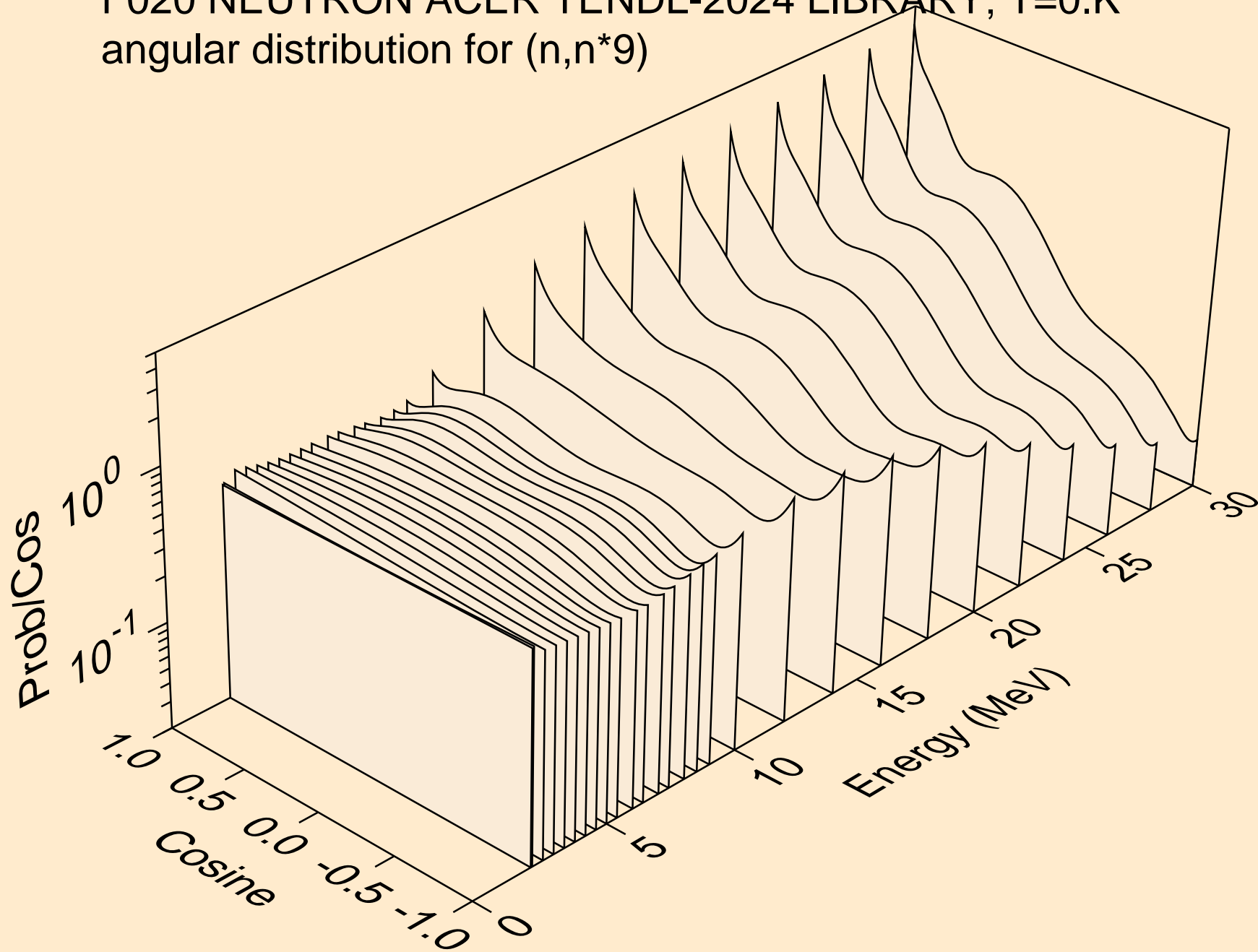
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angular distribution for (n,n\*7)



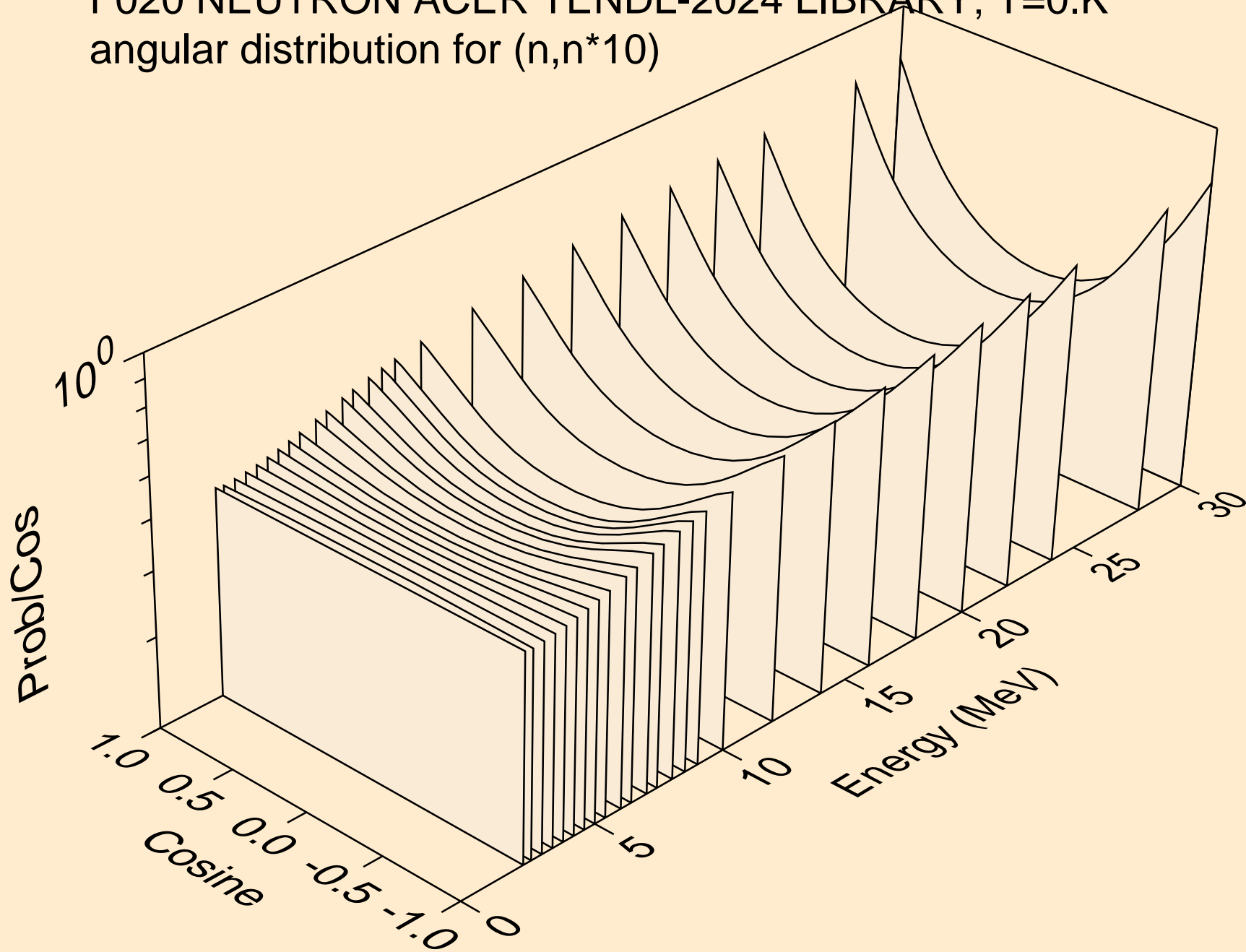
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angular distribution for (n,n\*8)



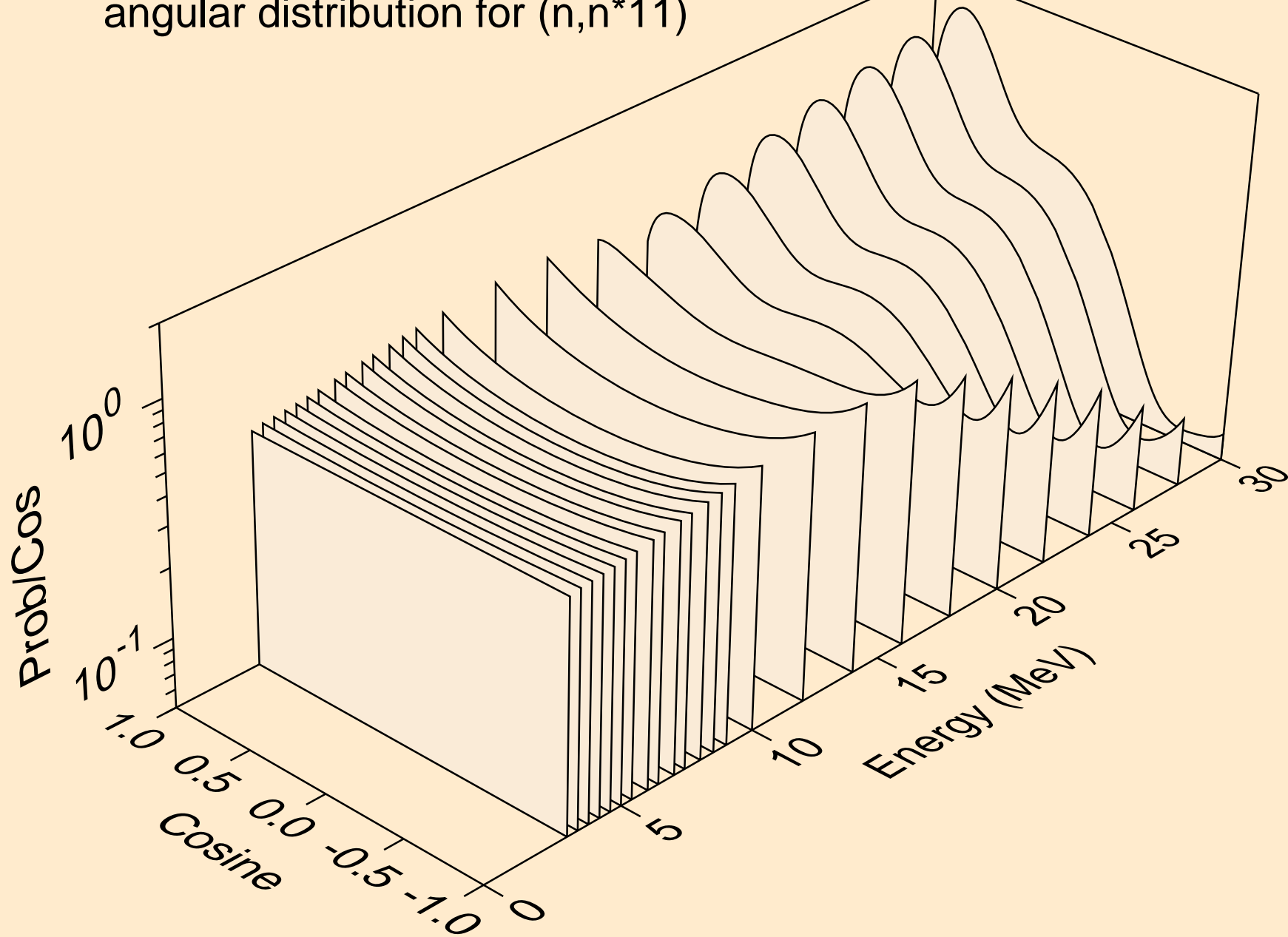
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

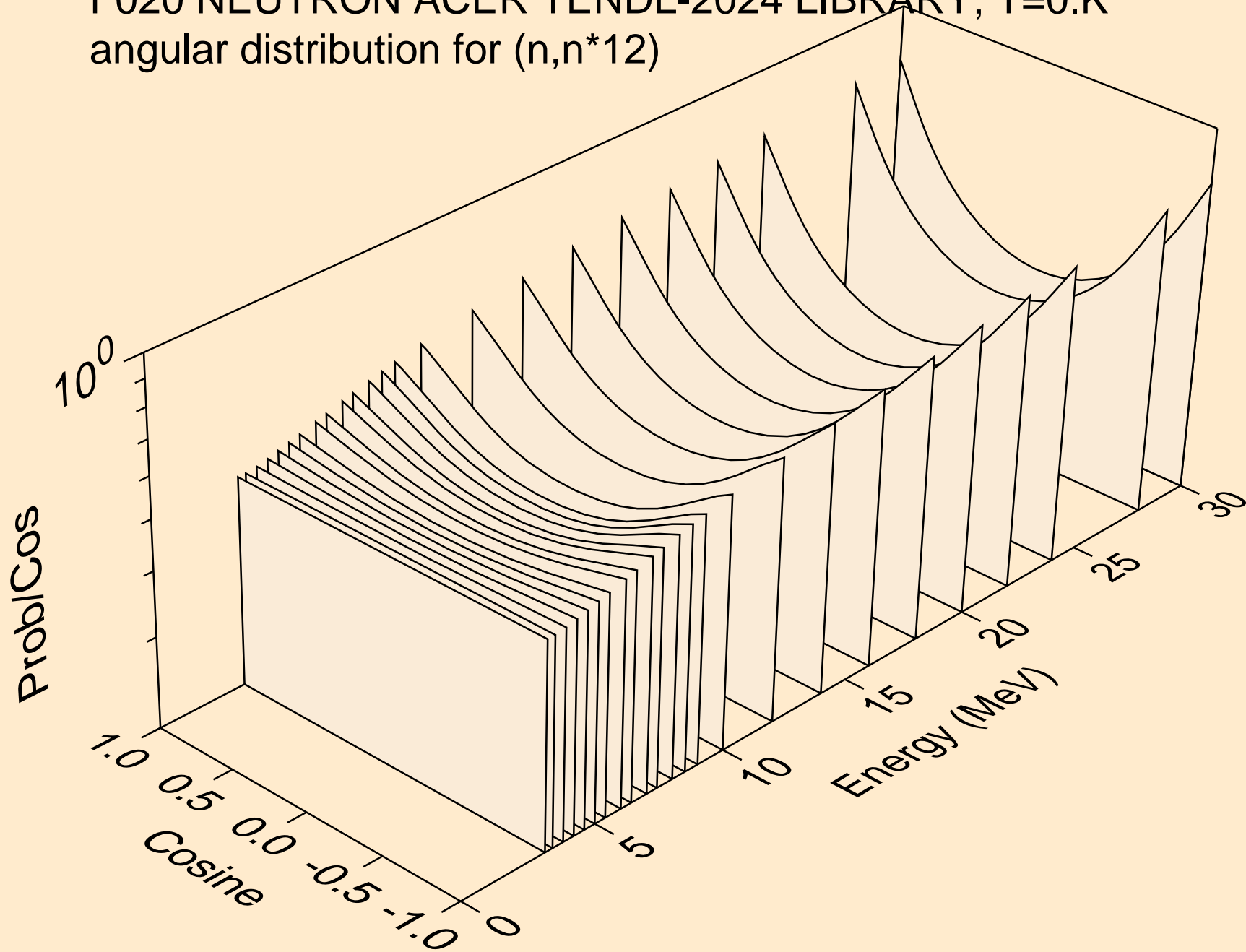


F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

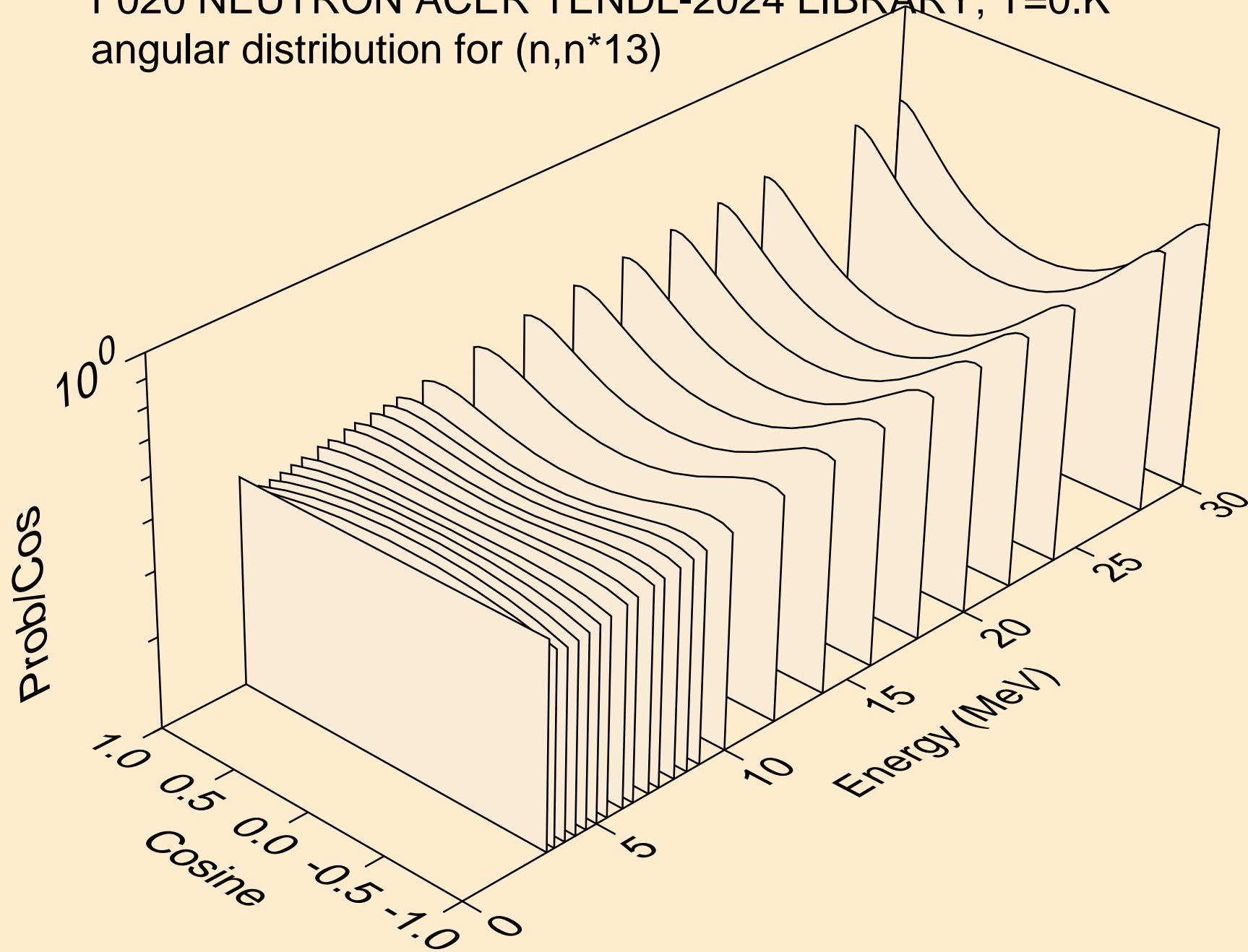




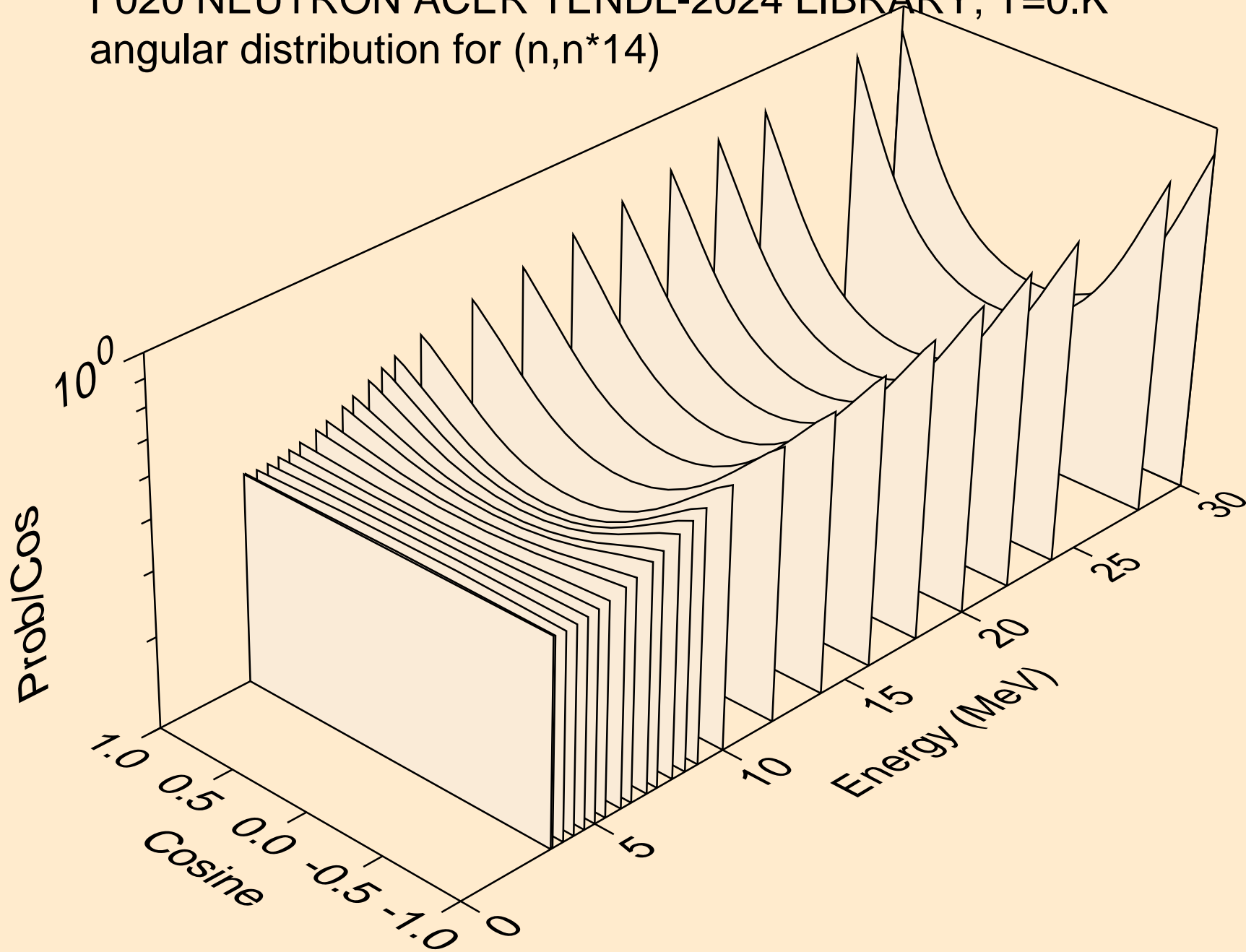
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angular distribution for (n,n\*12)



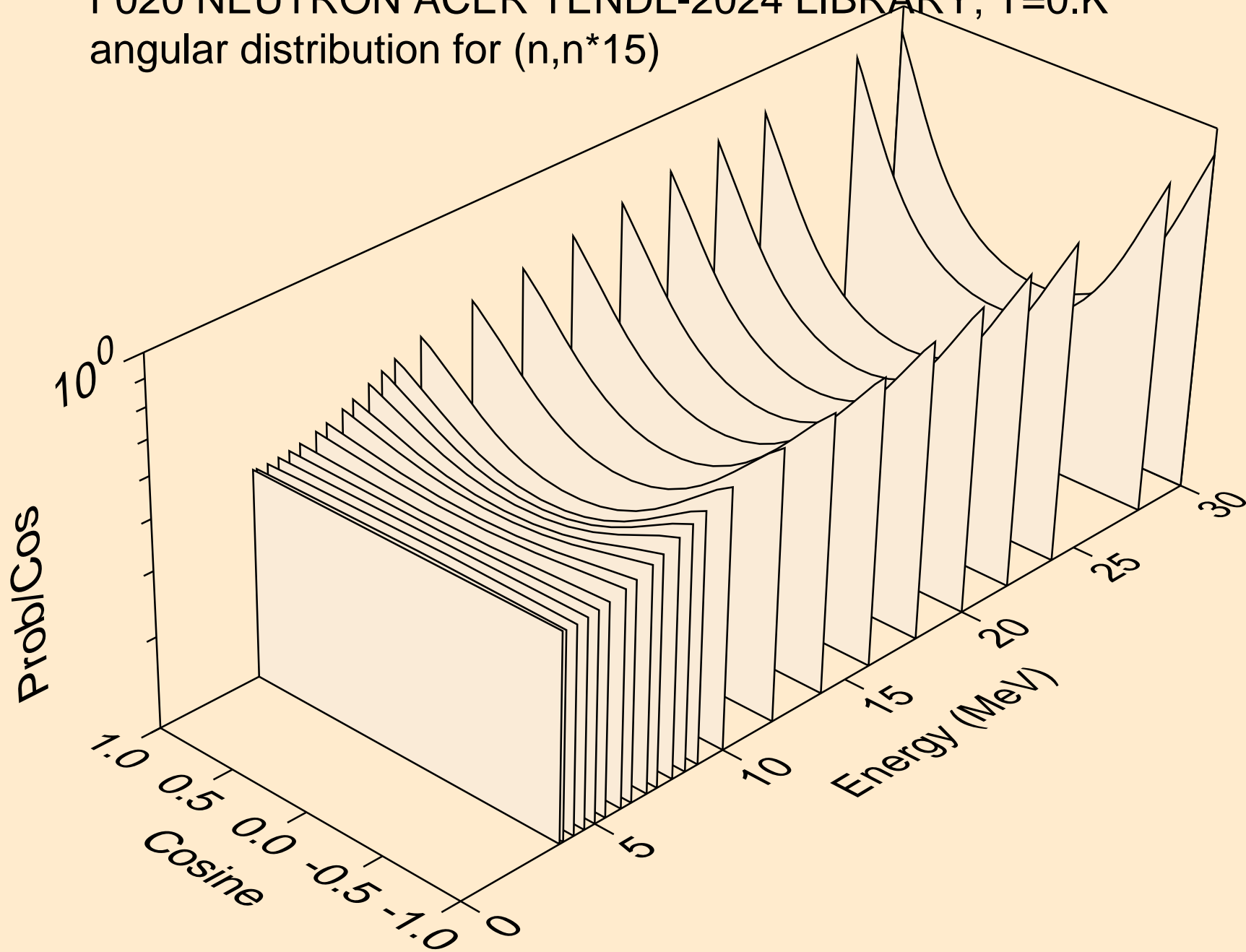
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



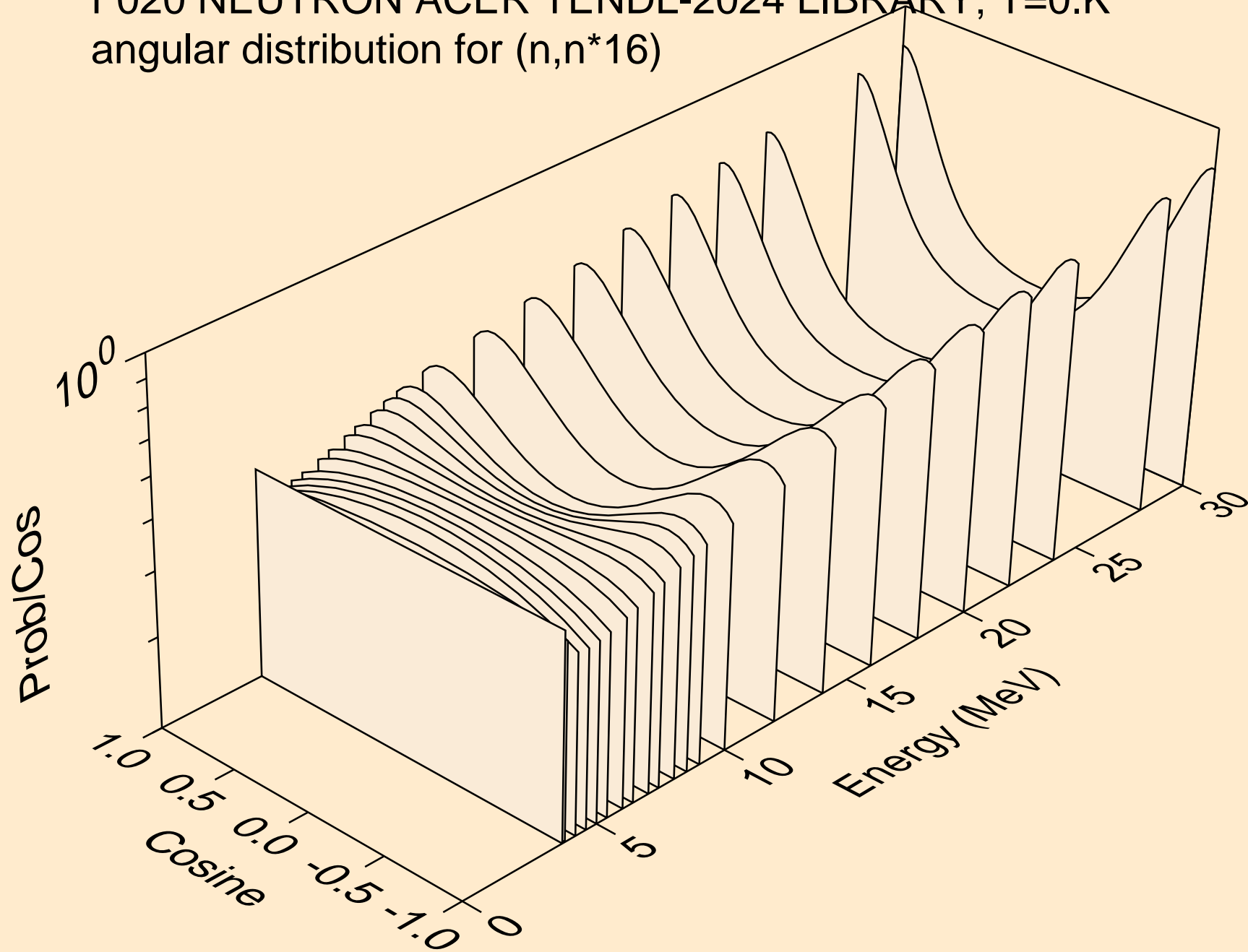
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angular distribution for (n,n\*14)



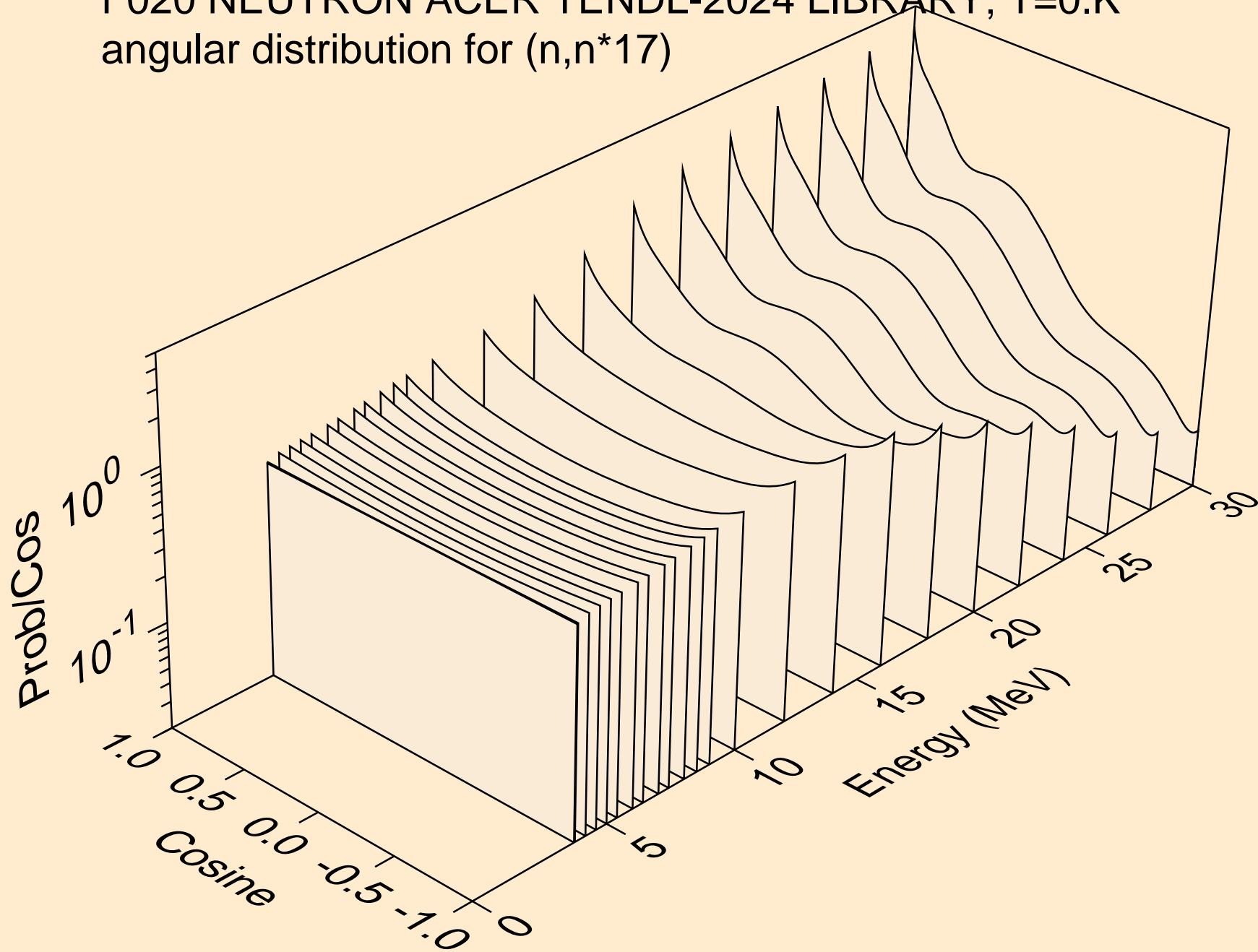
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angular distribution for (n,n\*15)



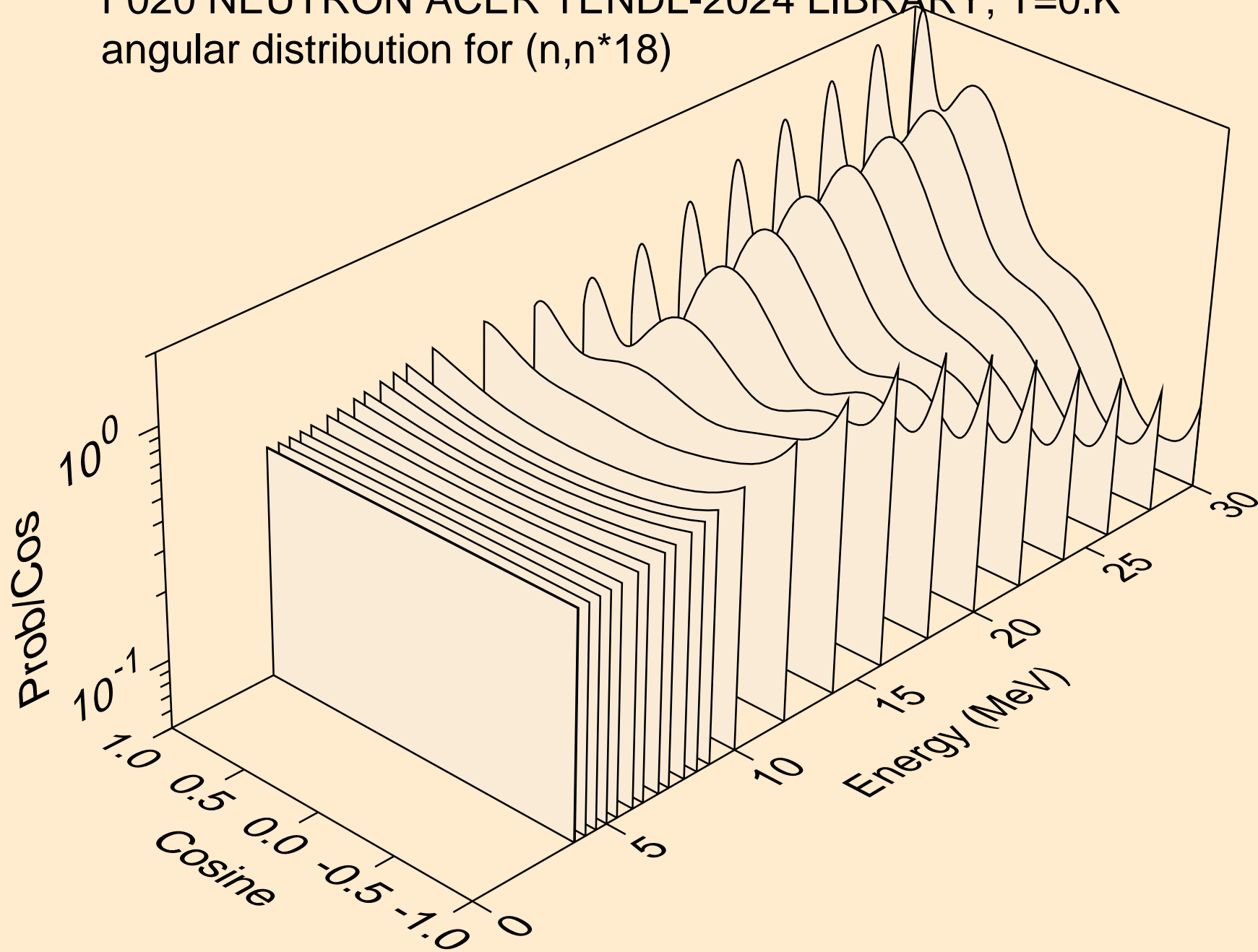
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angular distribution for (n,n\*16)



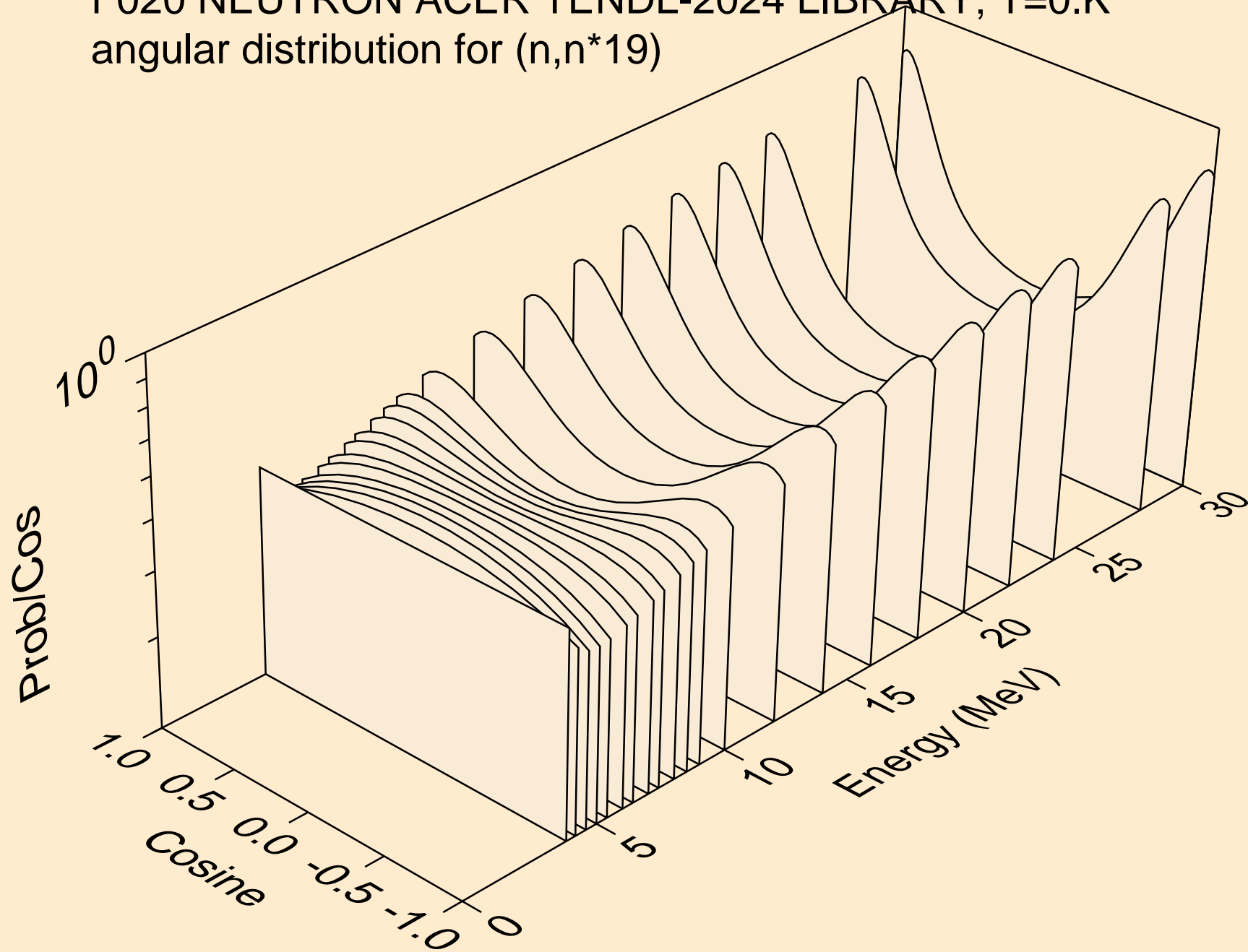
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

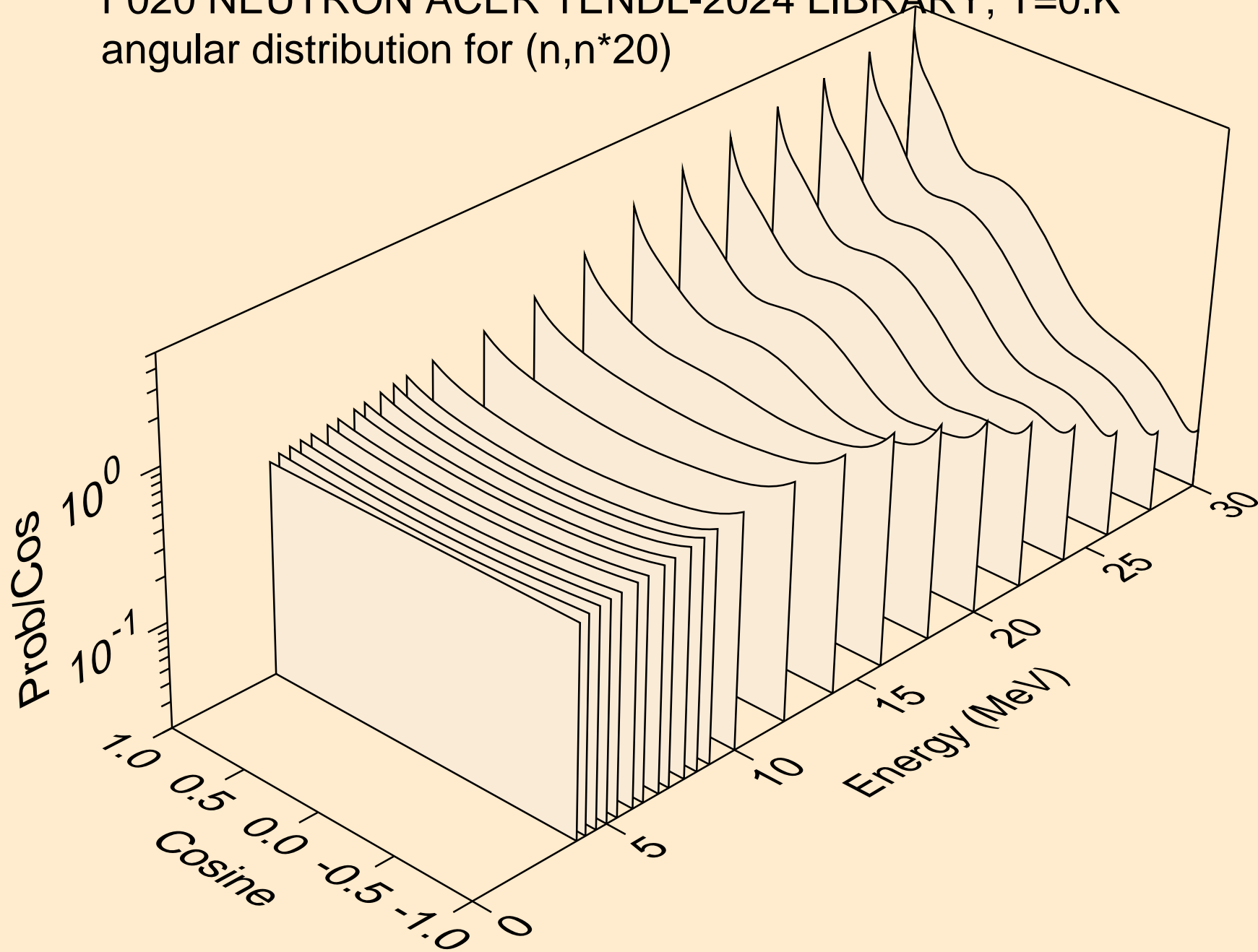


F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

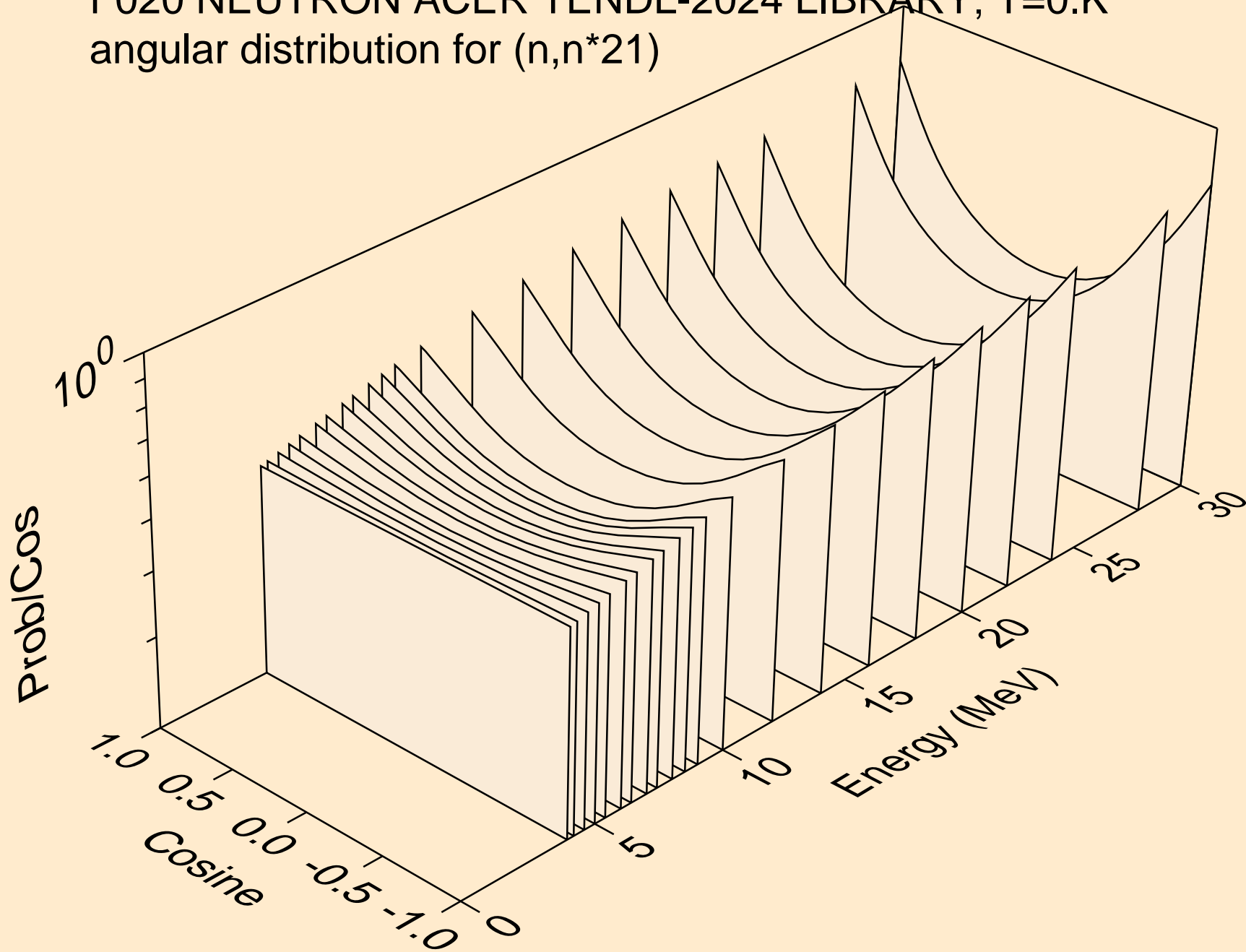




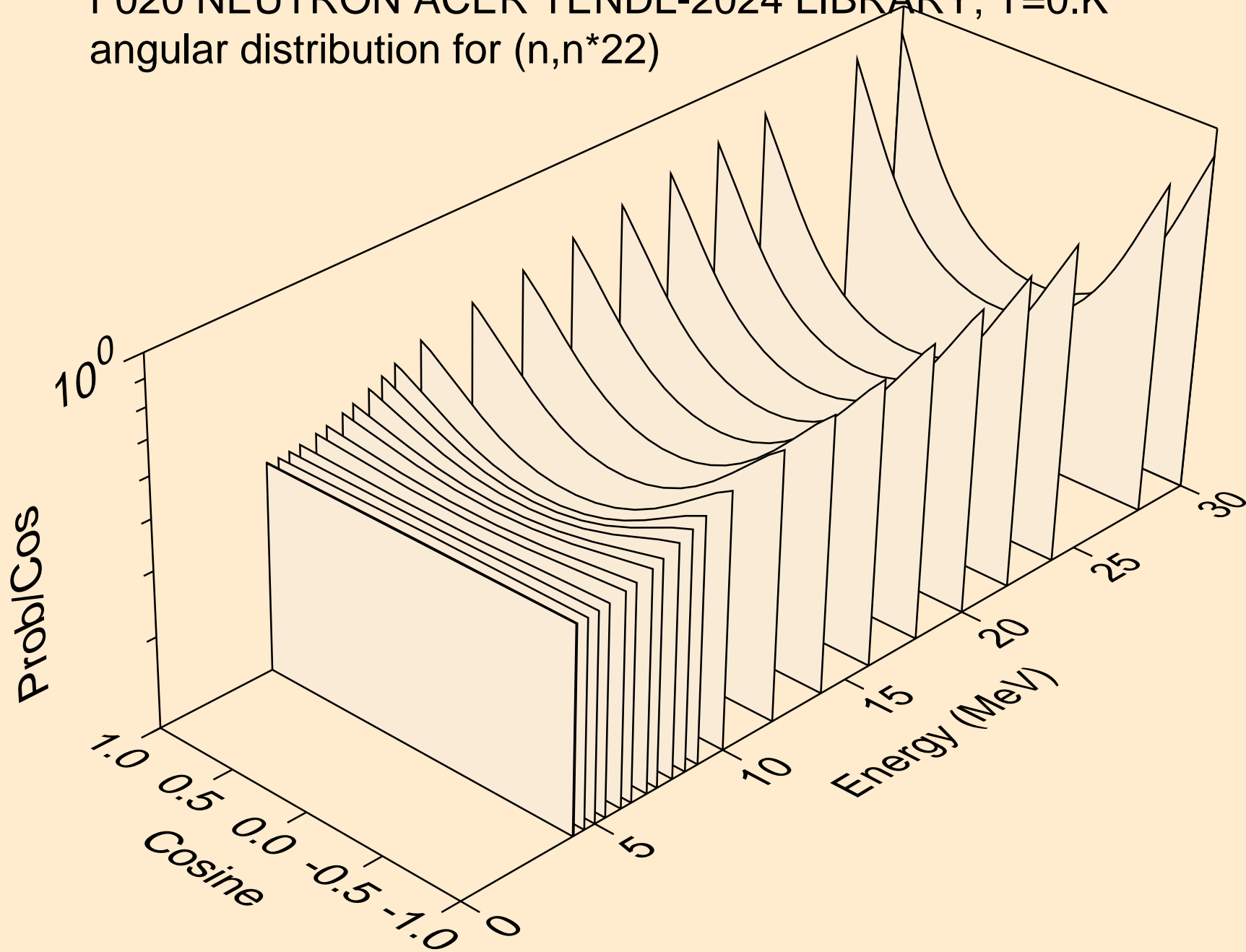
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



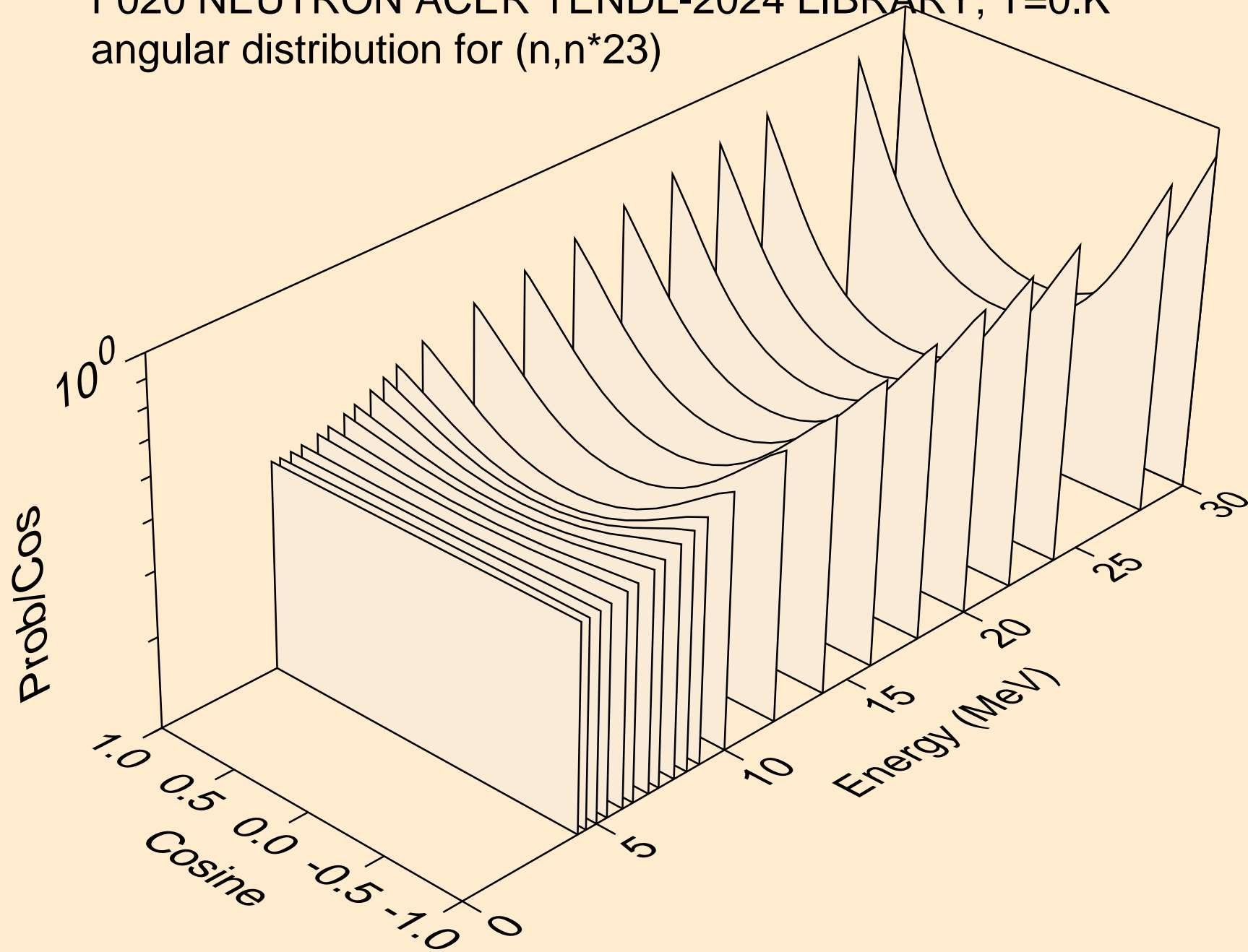
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angular distribution for (n,n\*21)



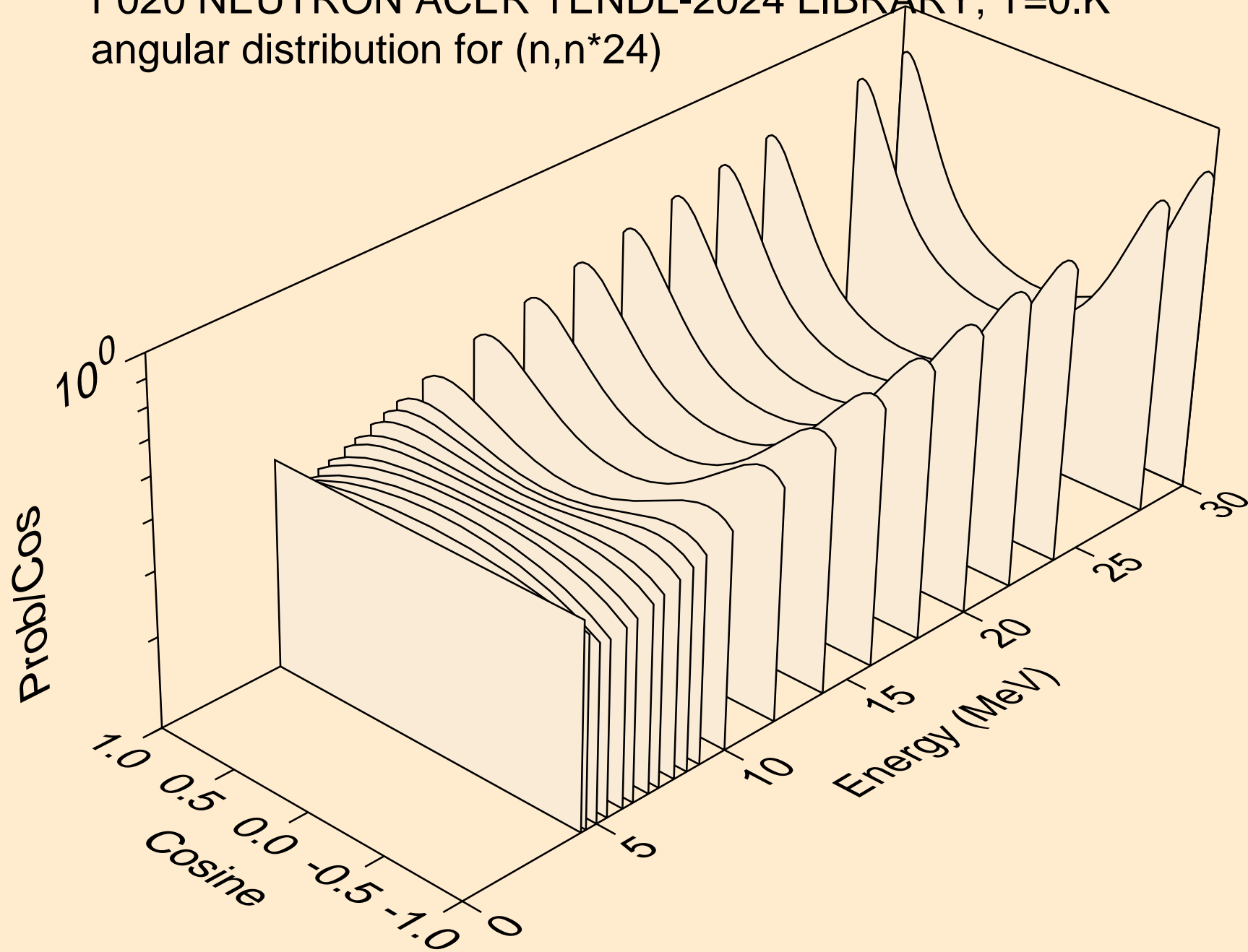
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angular distribution for (n,n\*22)



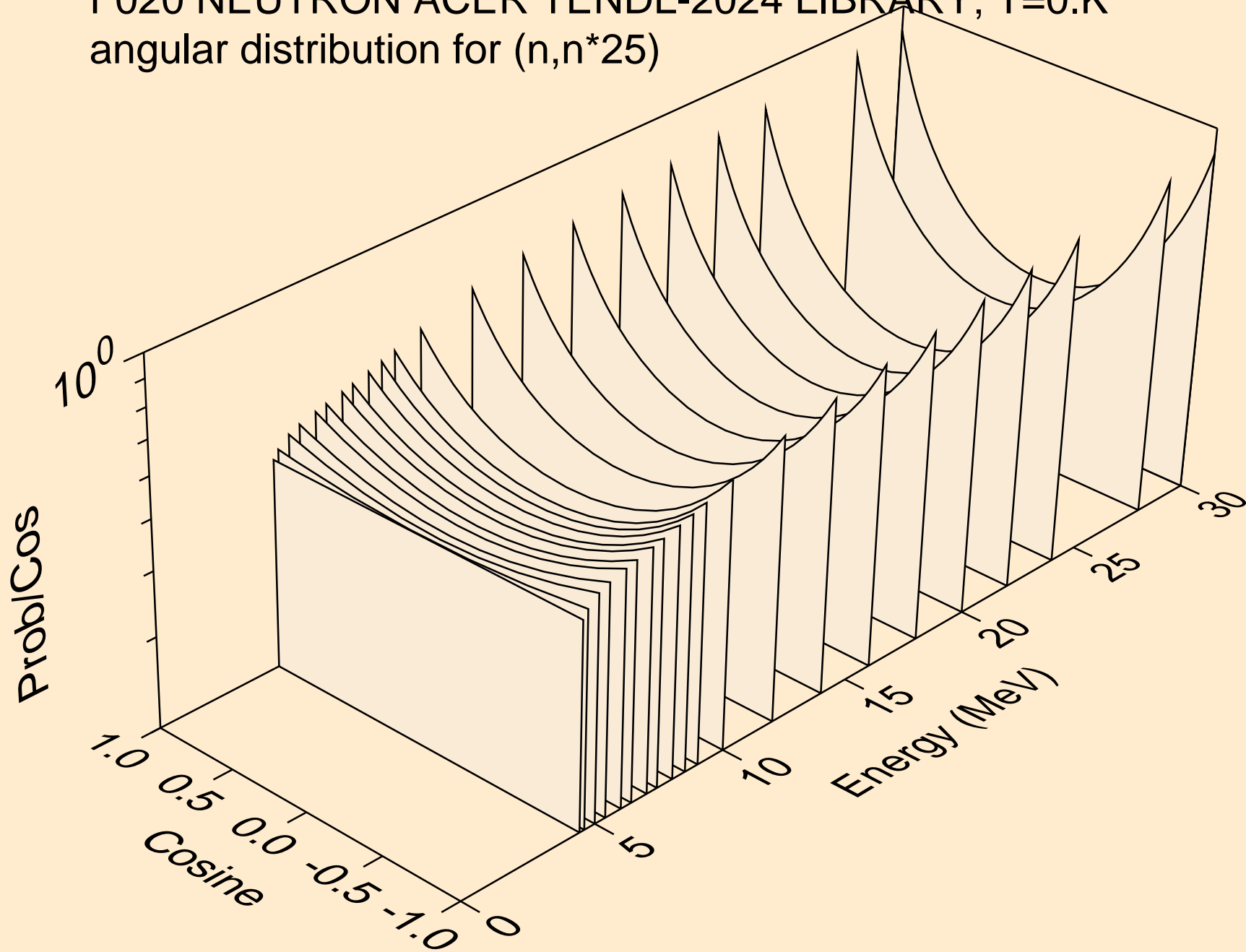
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angular distribution for (n,n\*23)



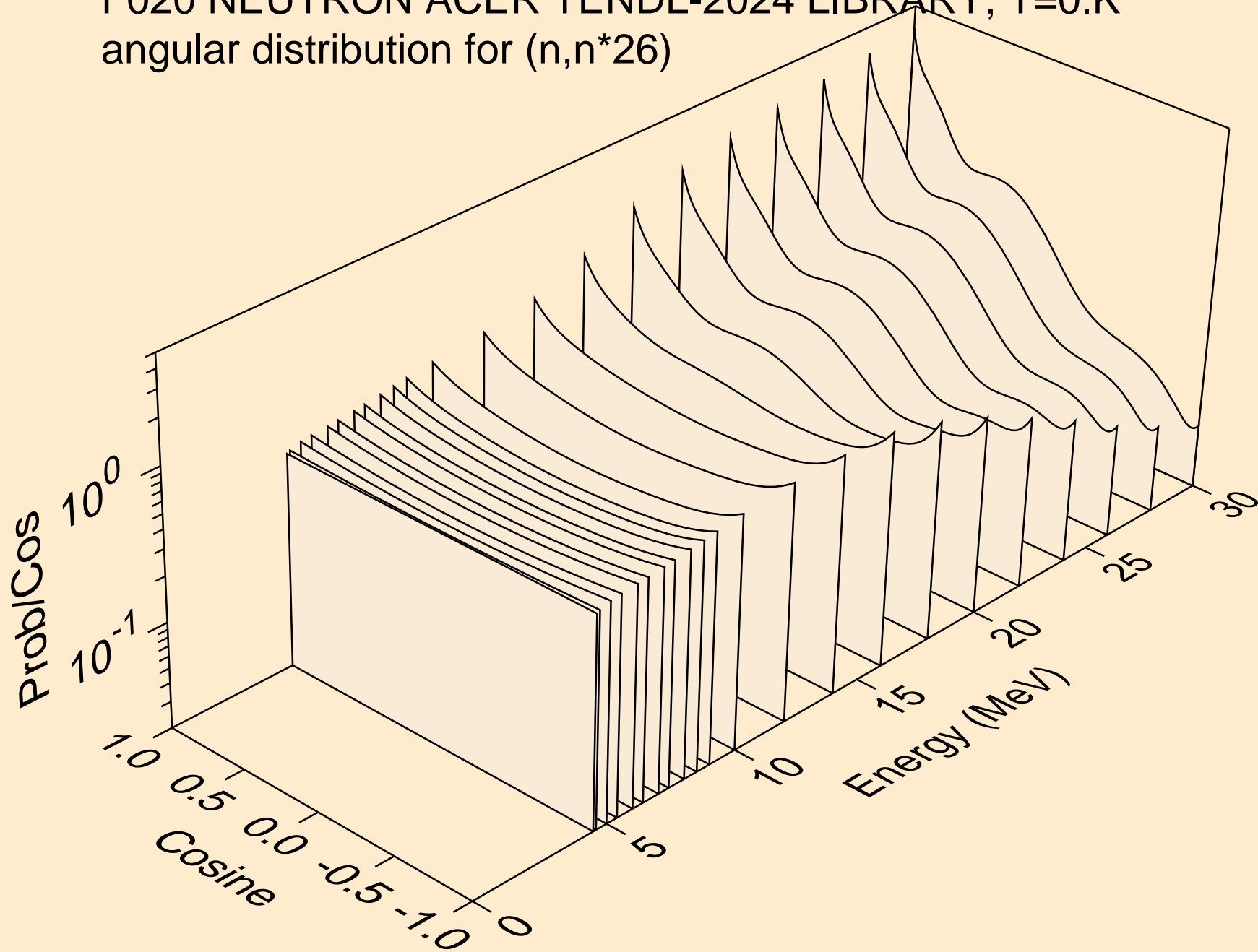
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angular distribution for (n,n\*24)



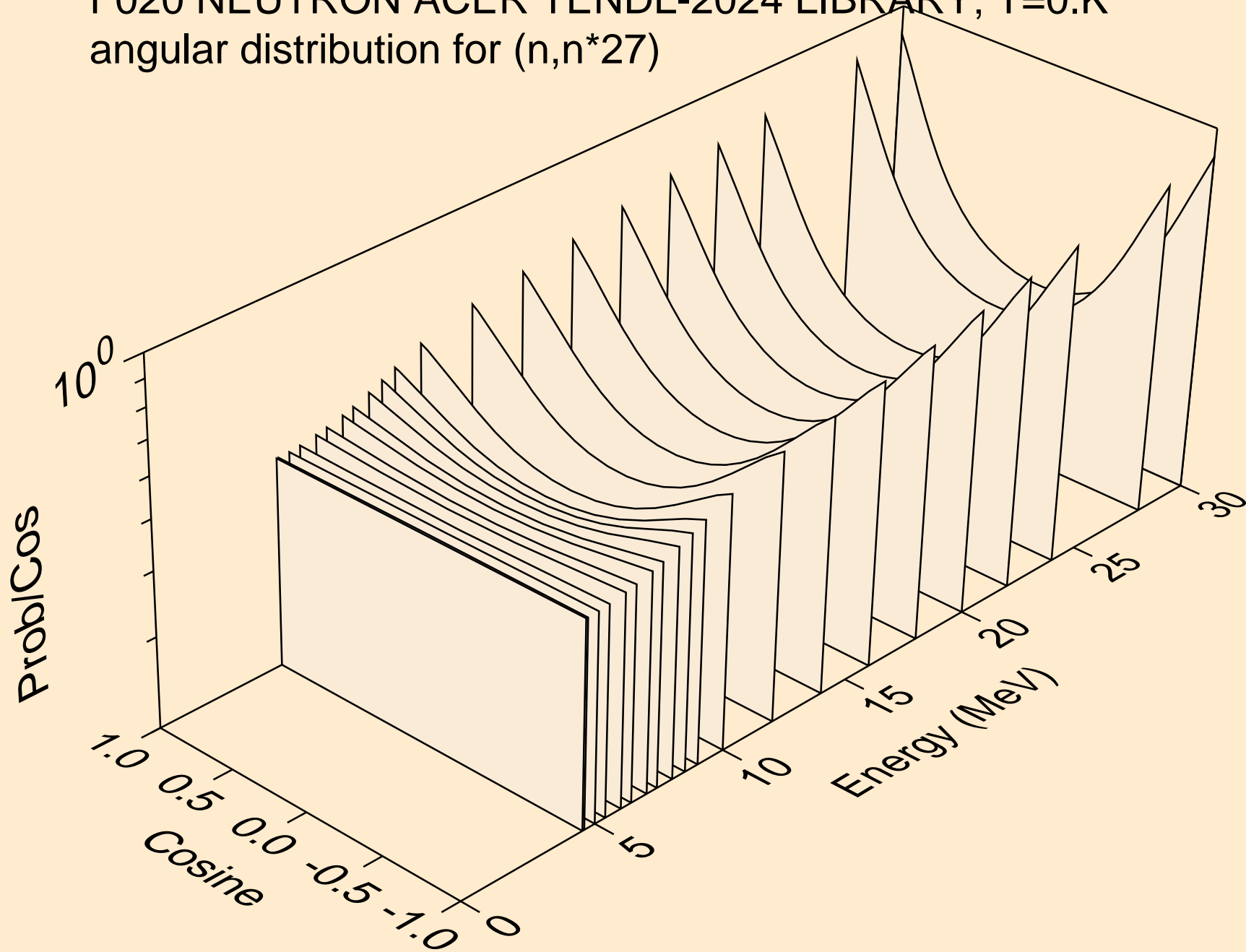
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

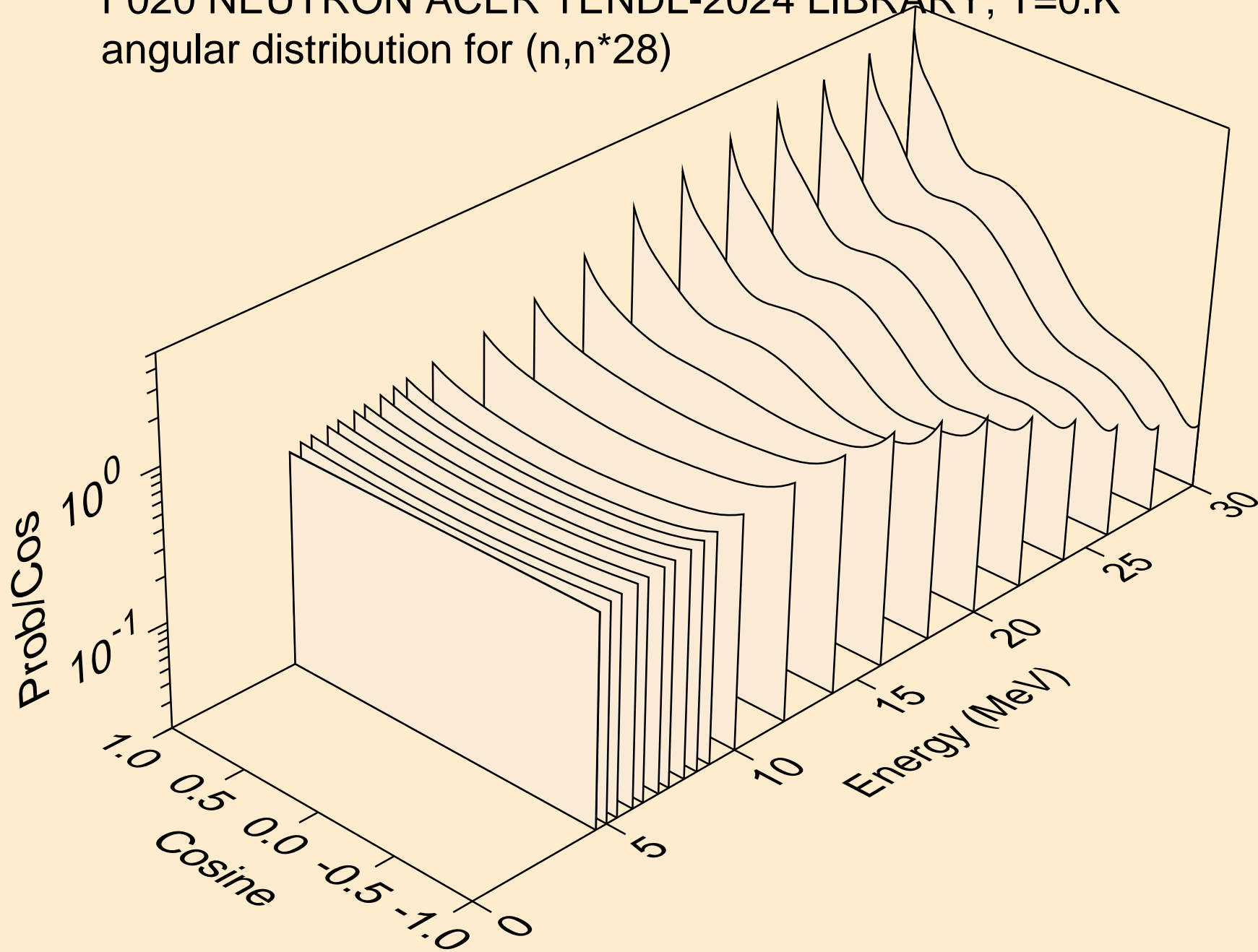


F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

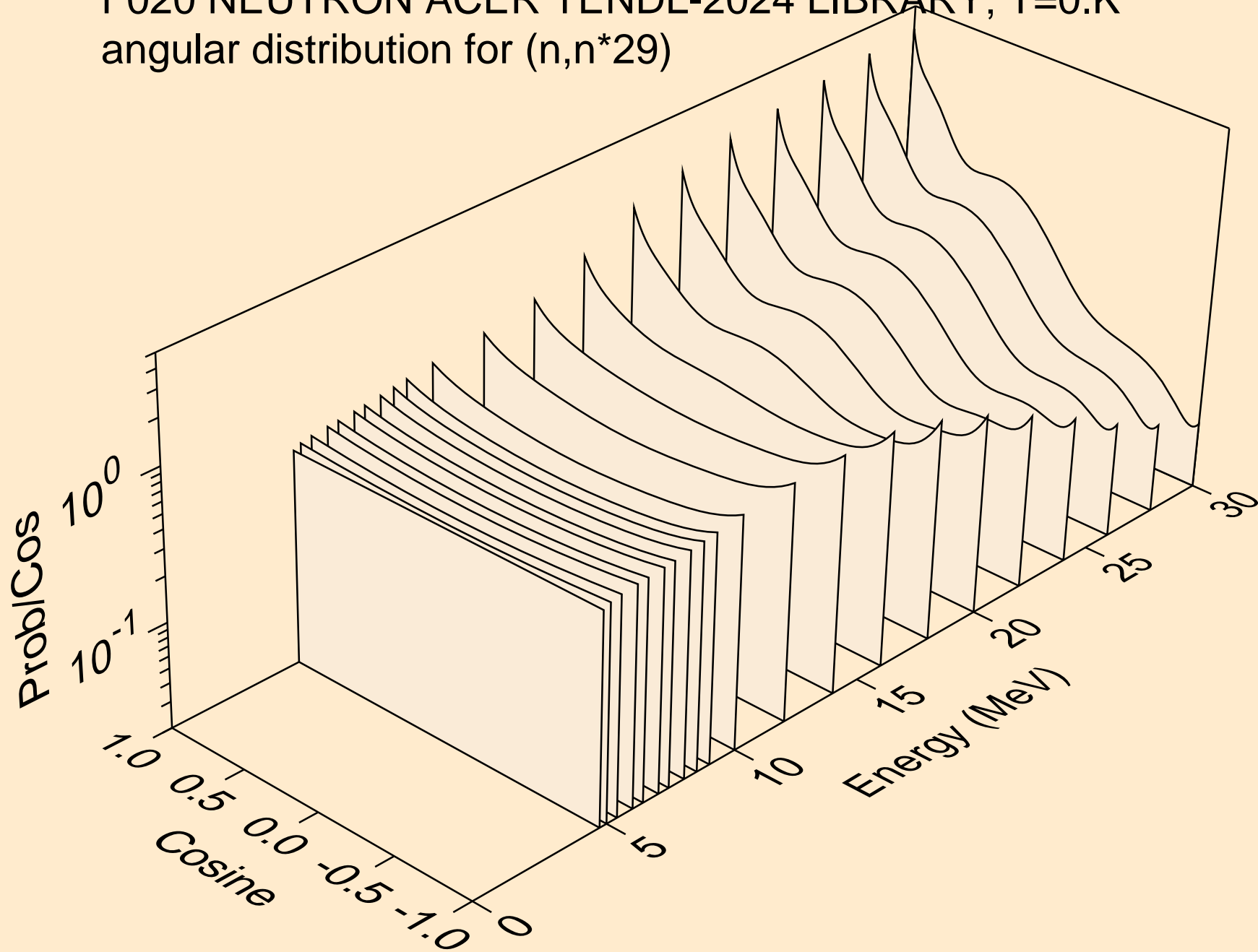




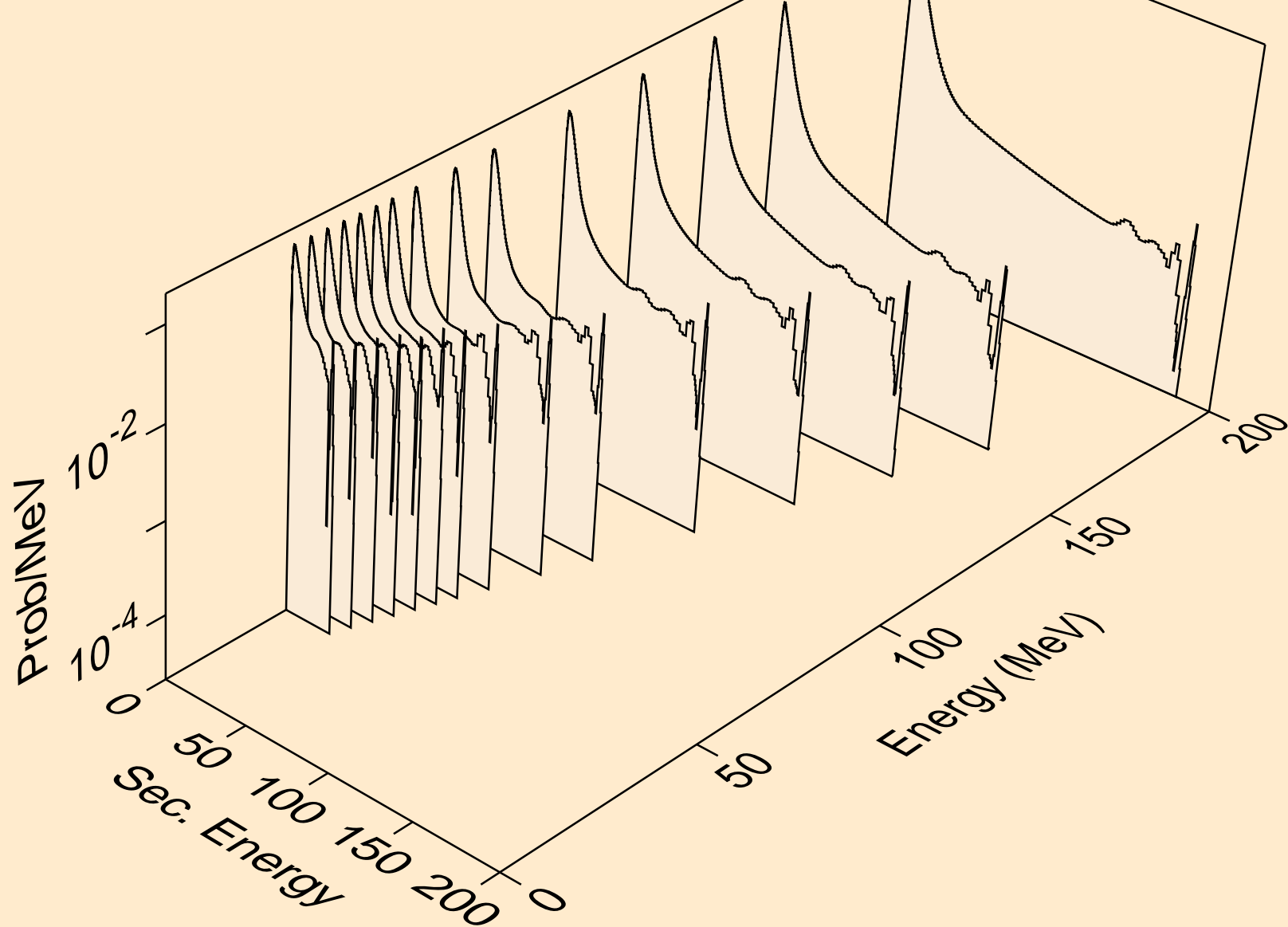
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



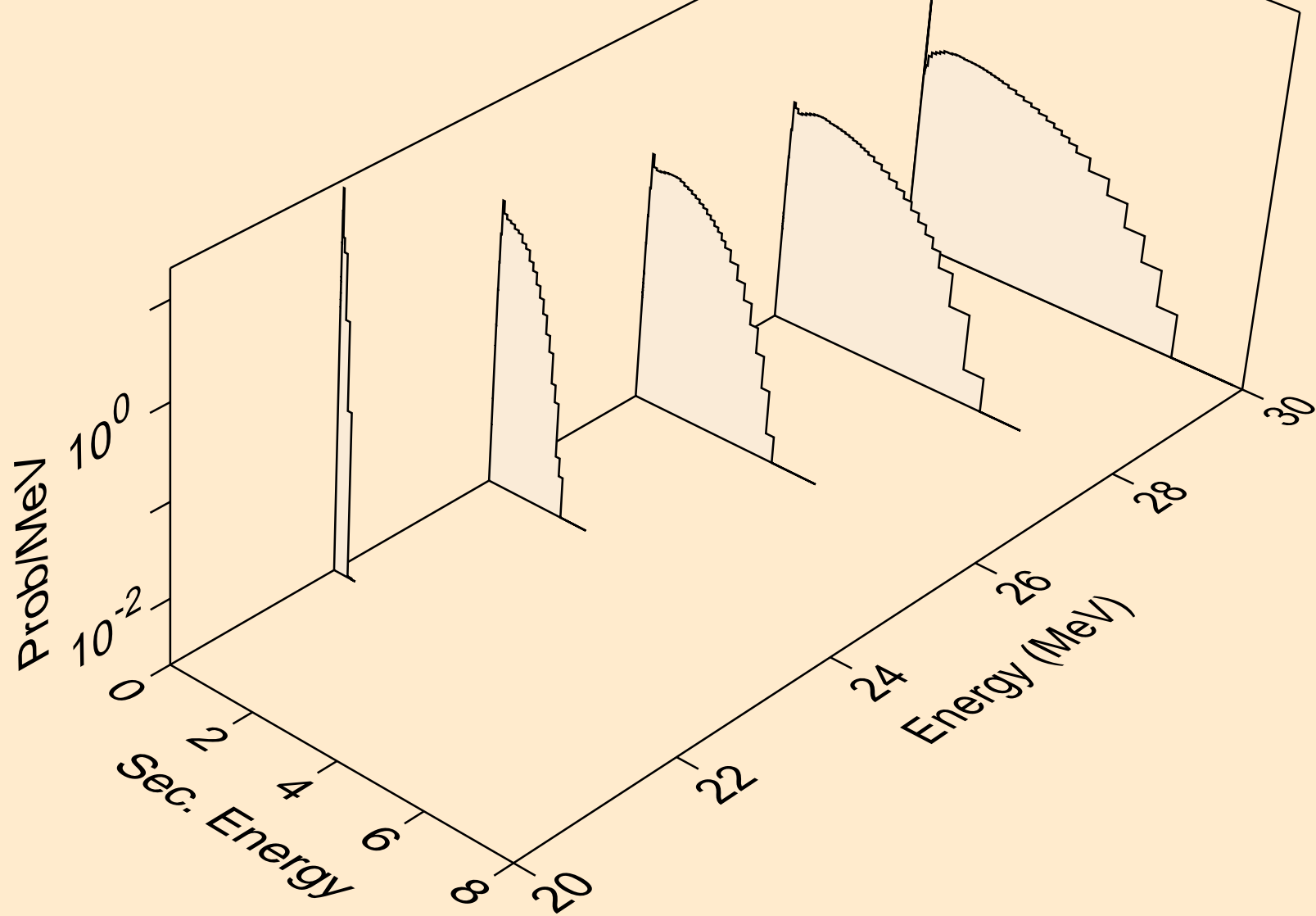
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angular distribution for (n,n\*29)



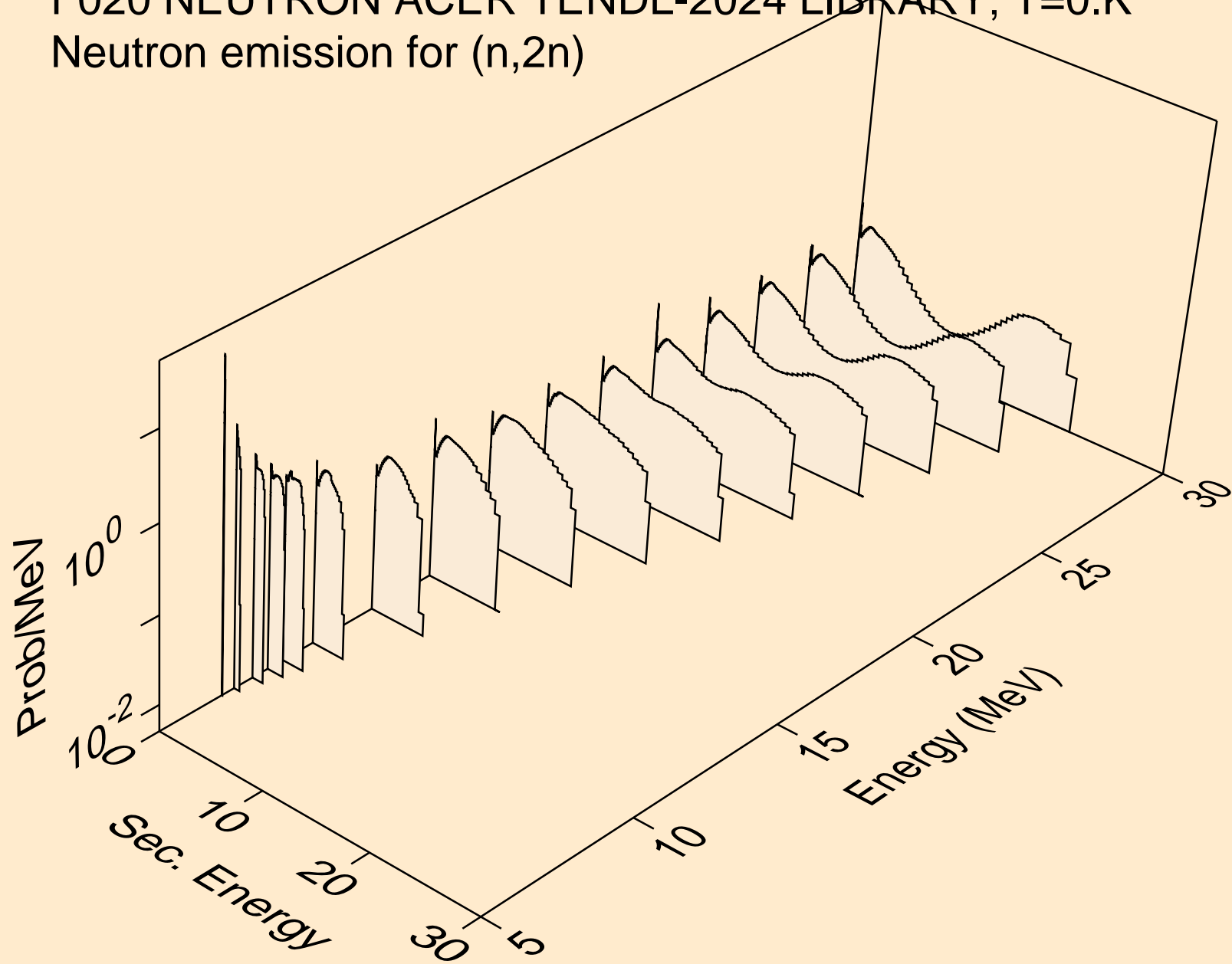
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



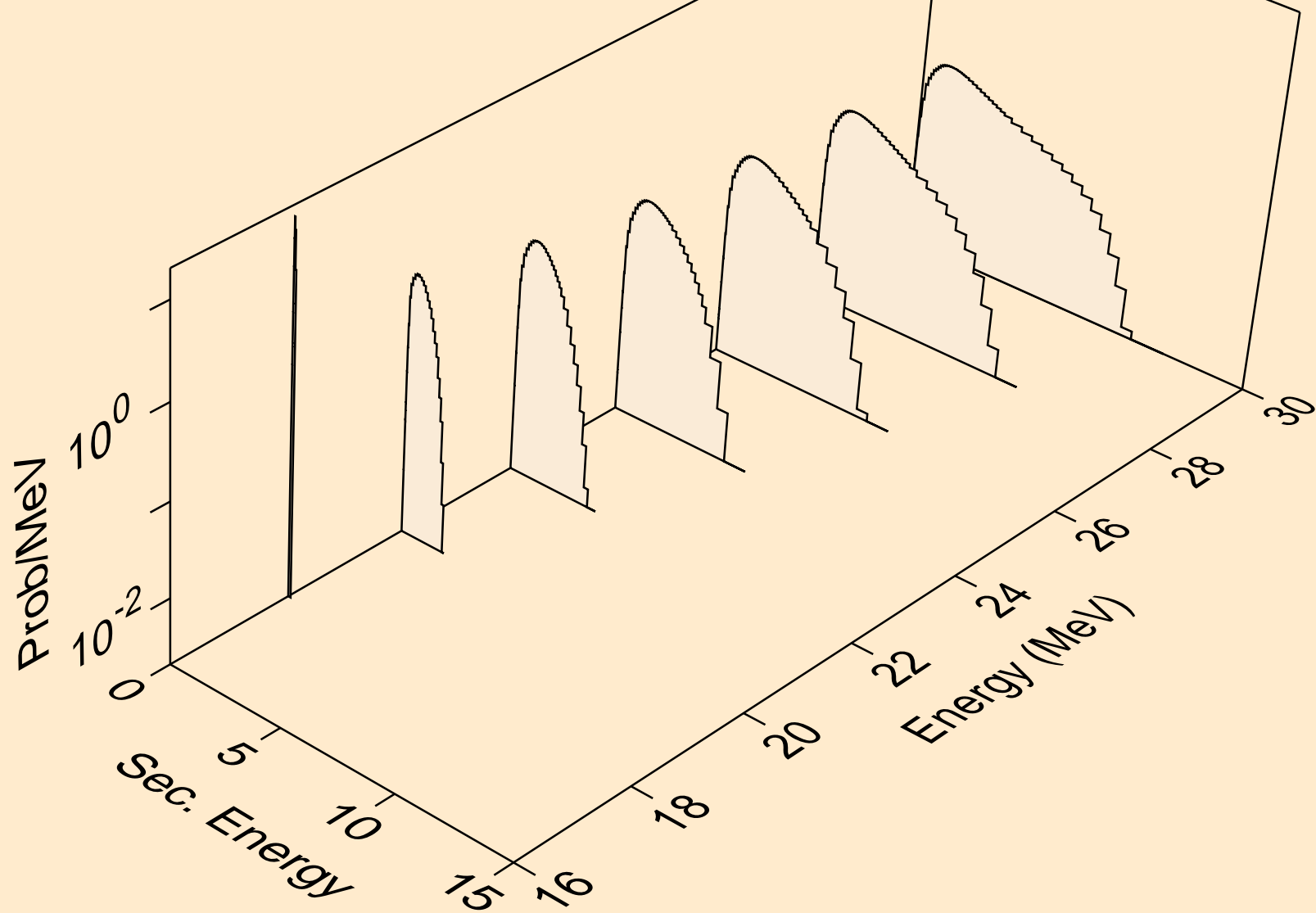
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



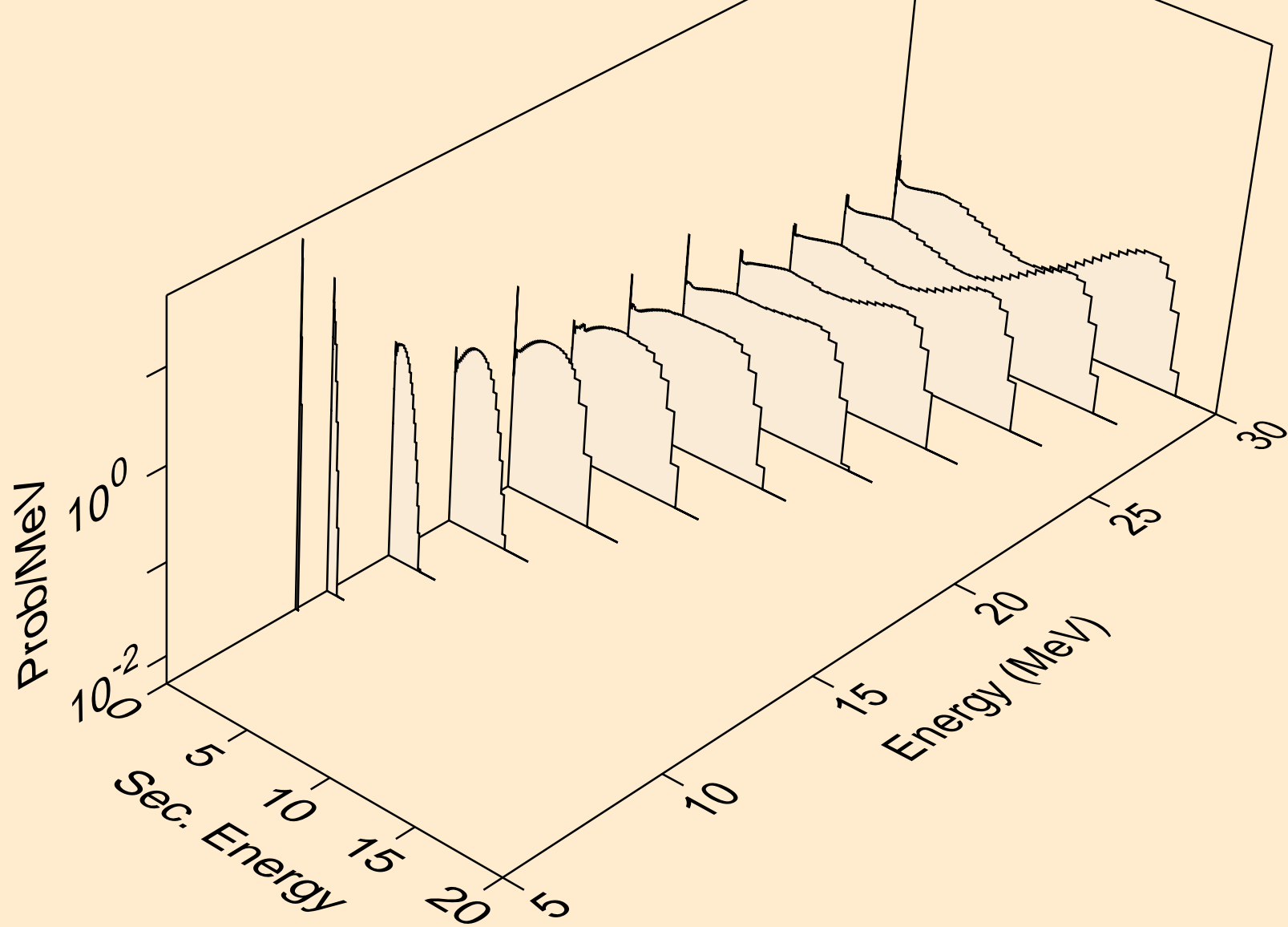
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



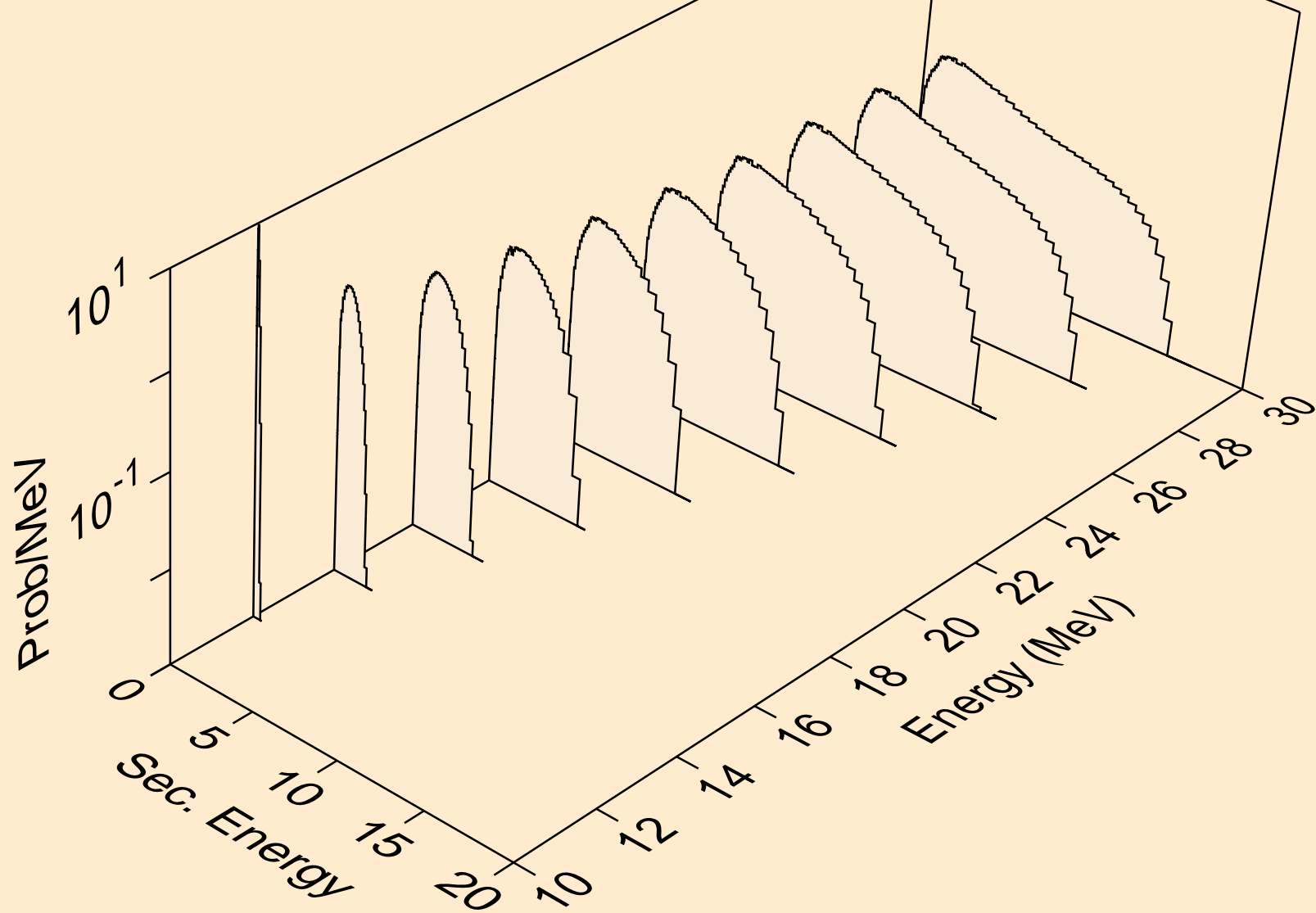
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

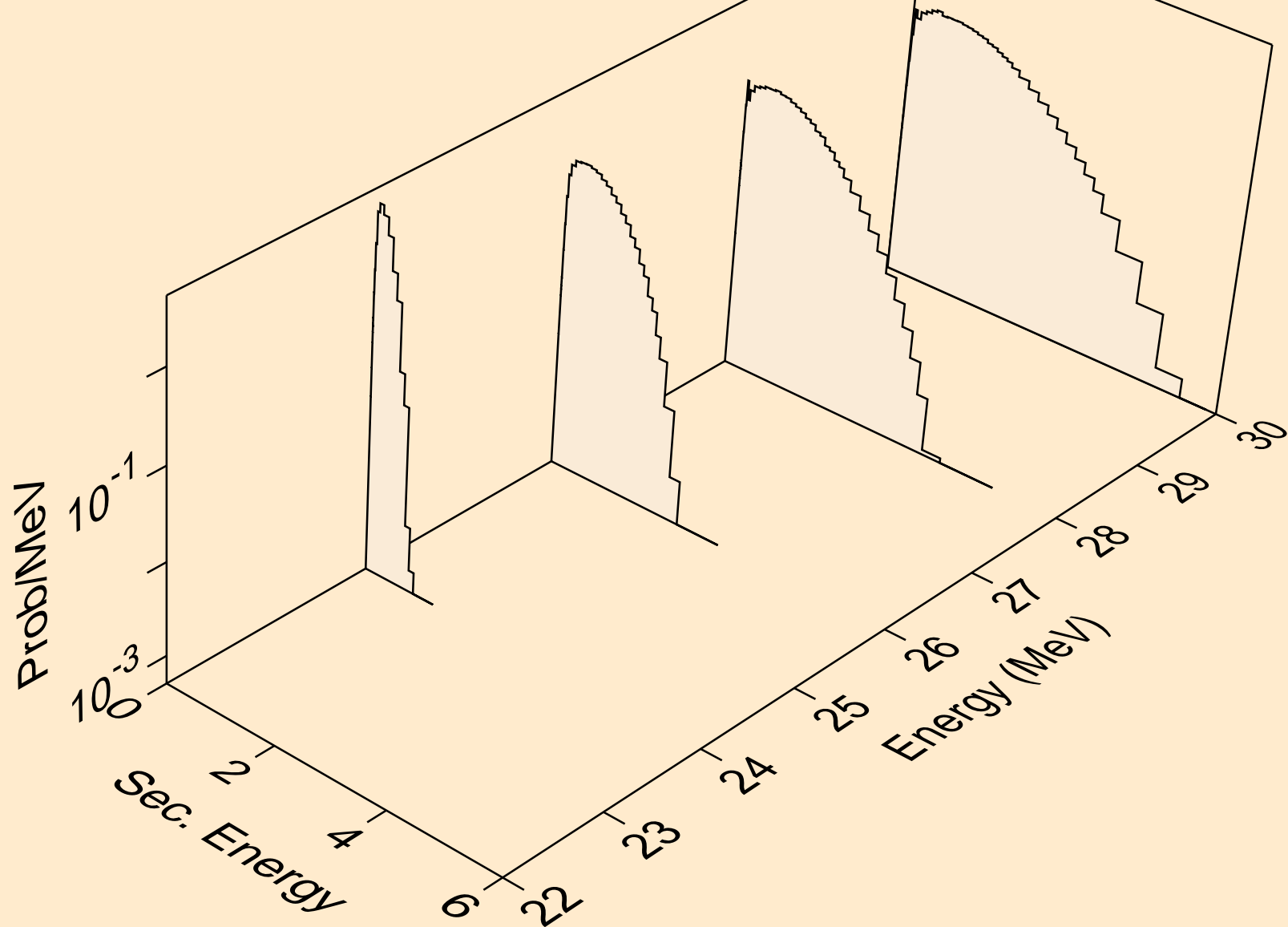


F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

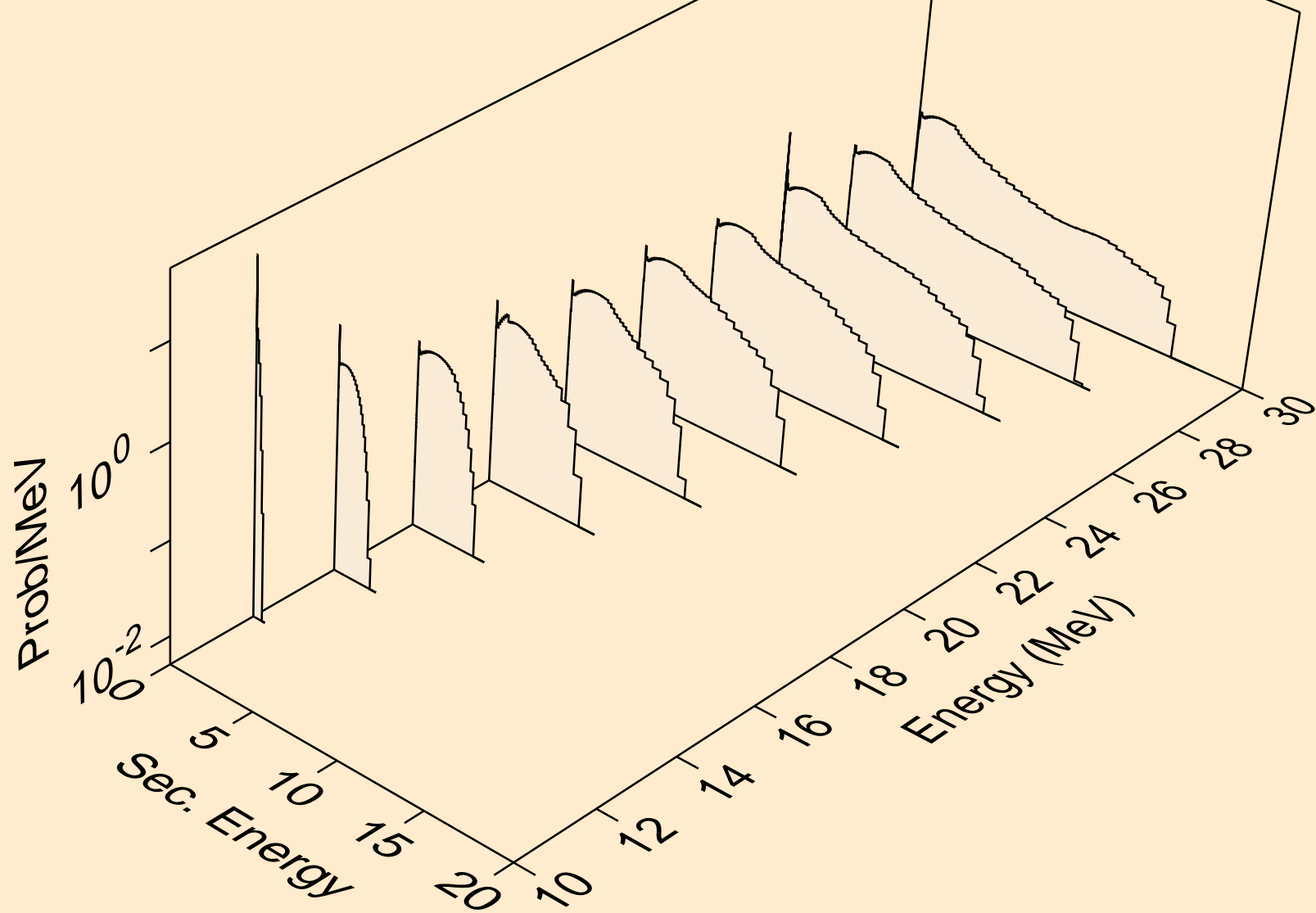




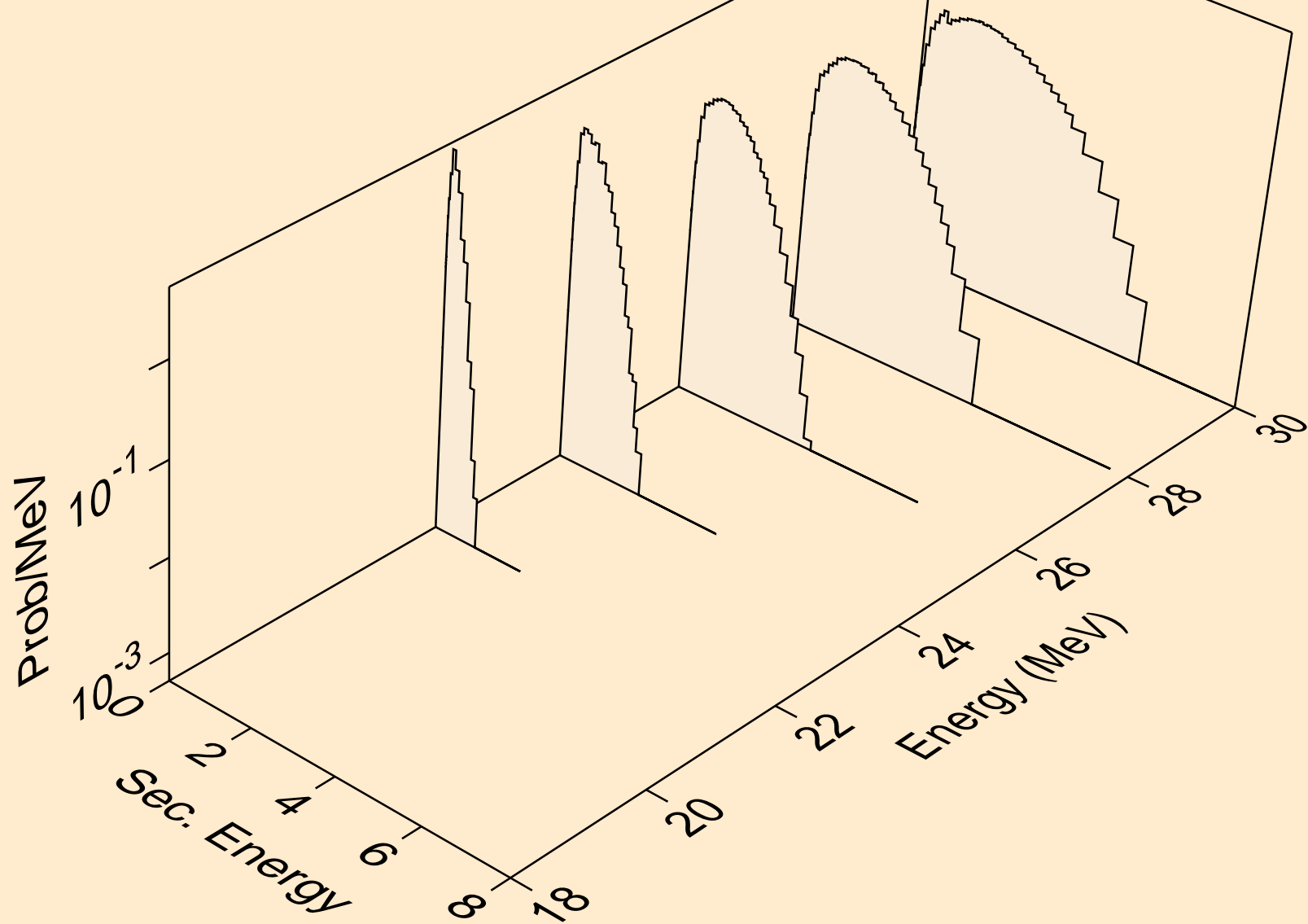
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



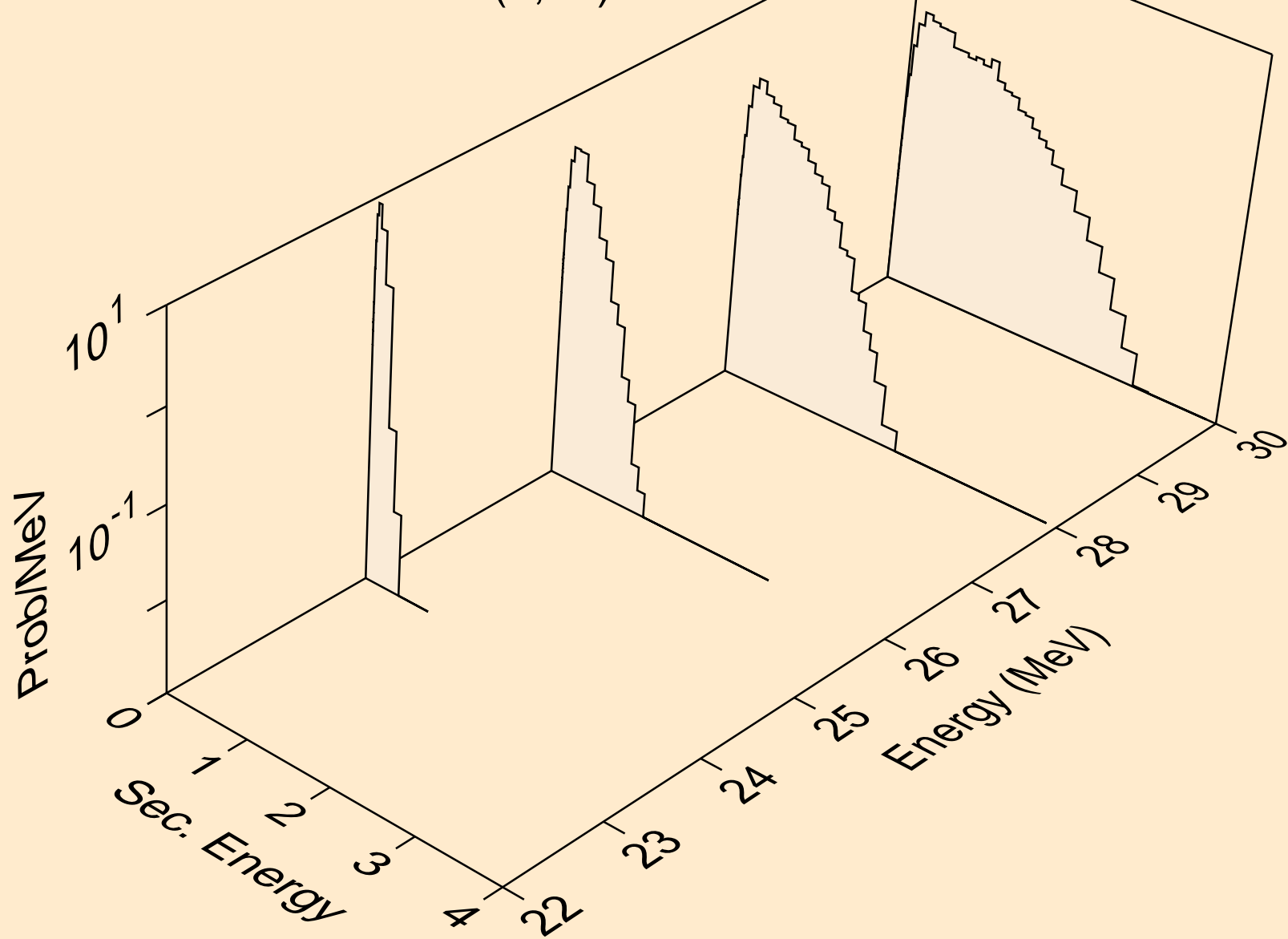
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



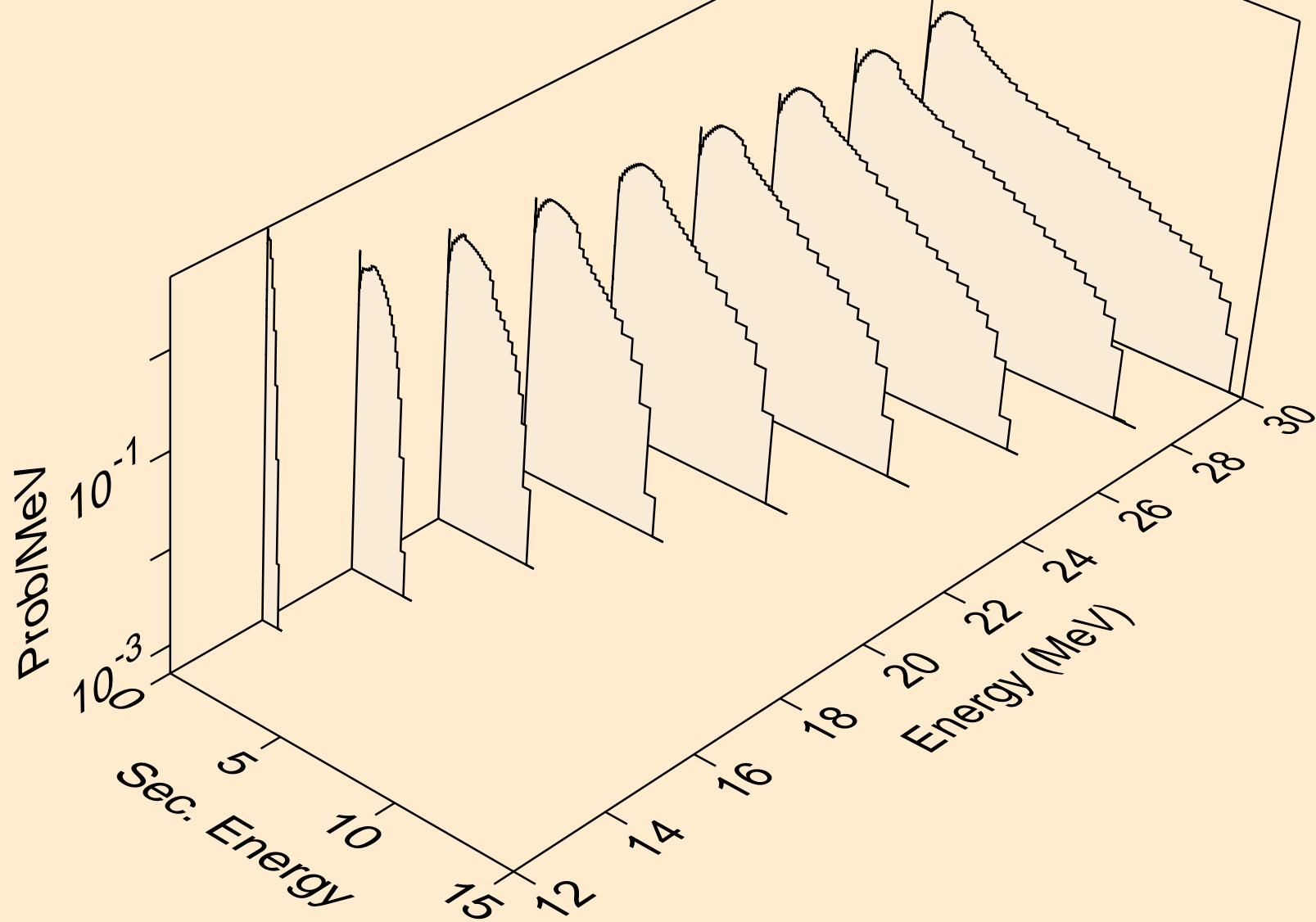
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



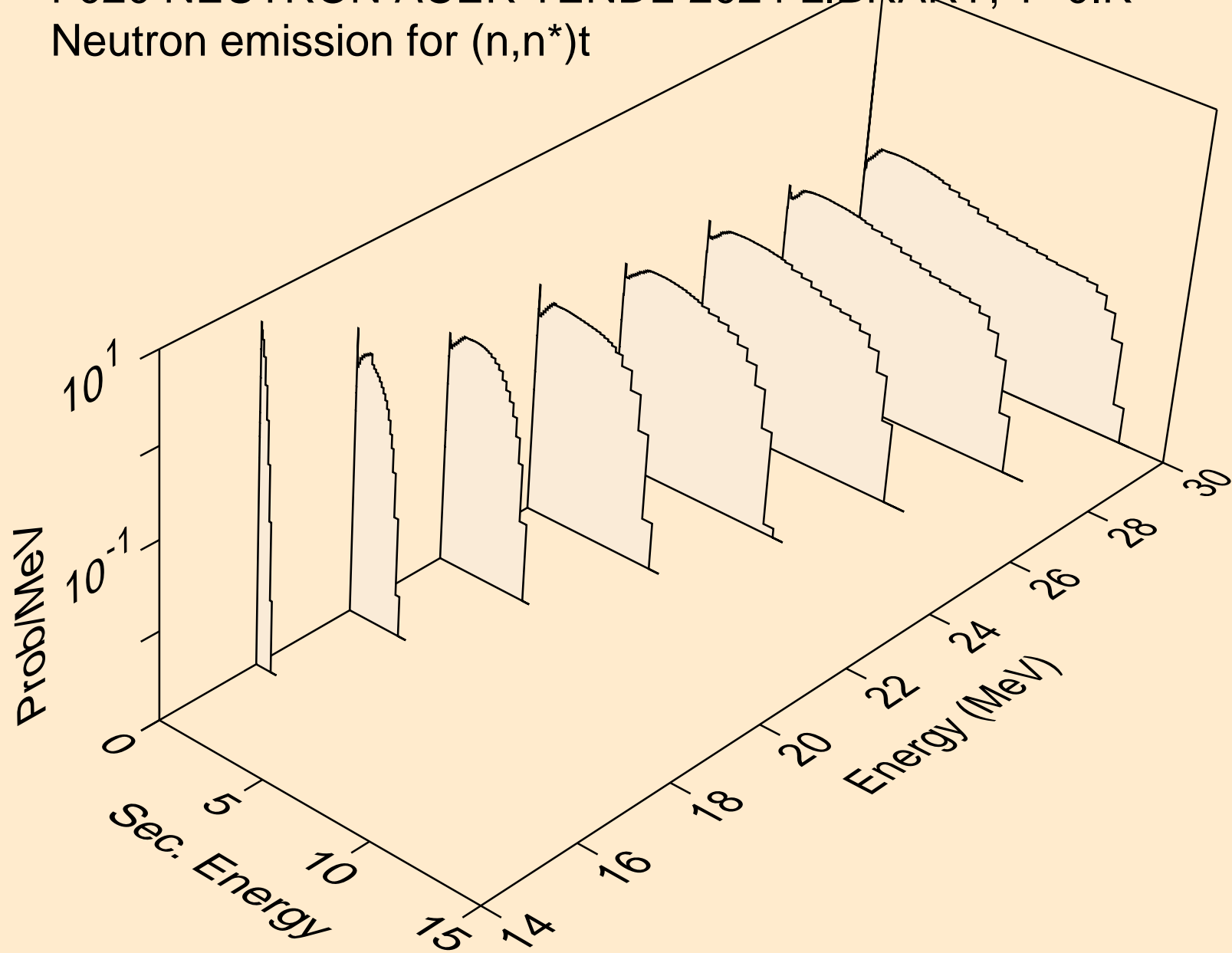
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Neutron emission for (n,2n)2a



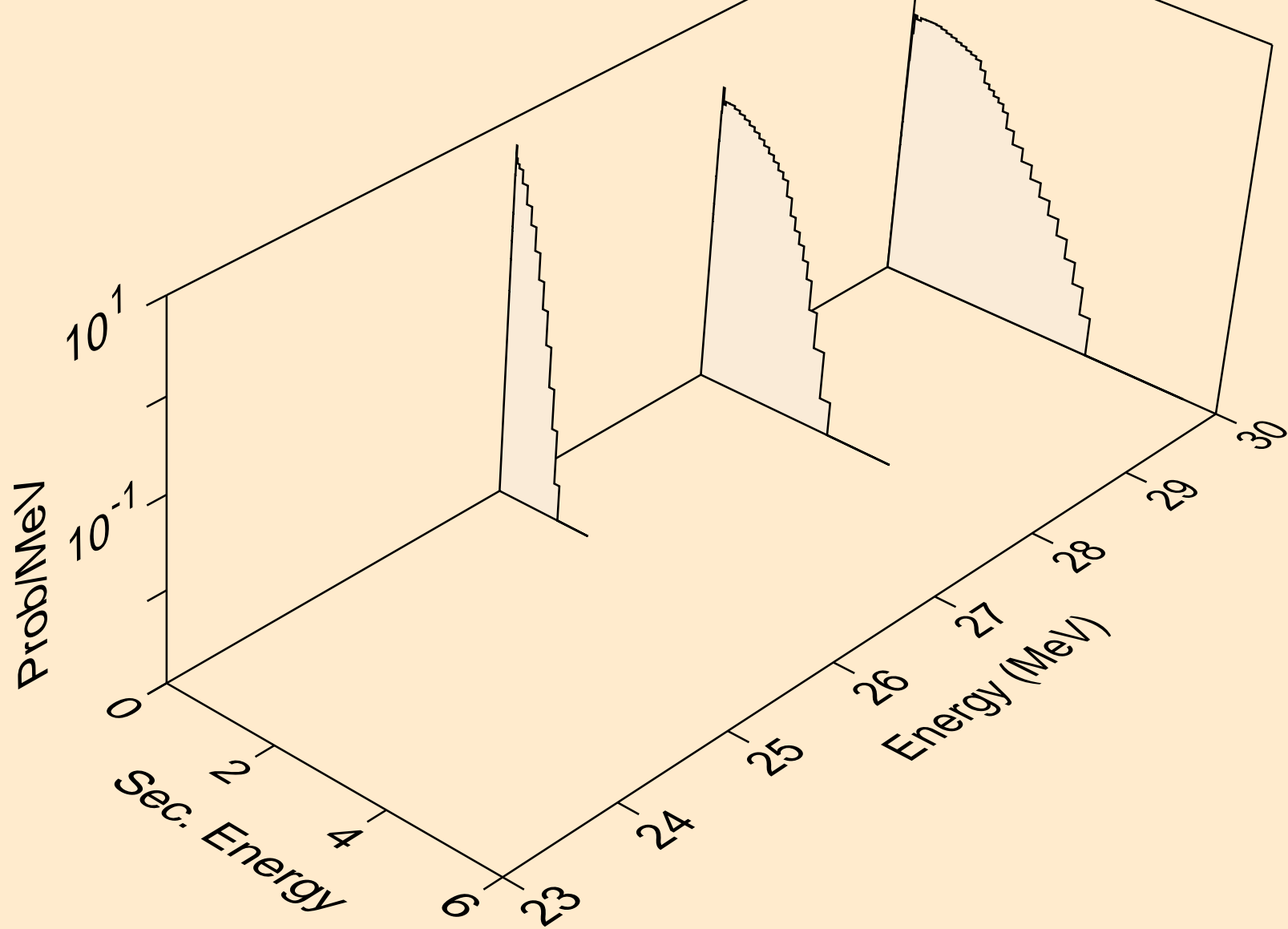
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



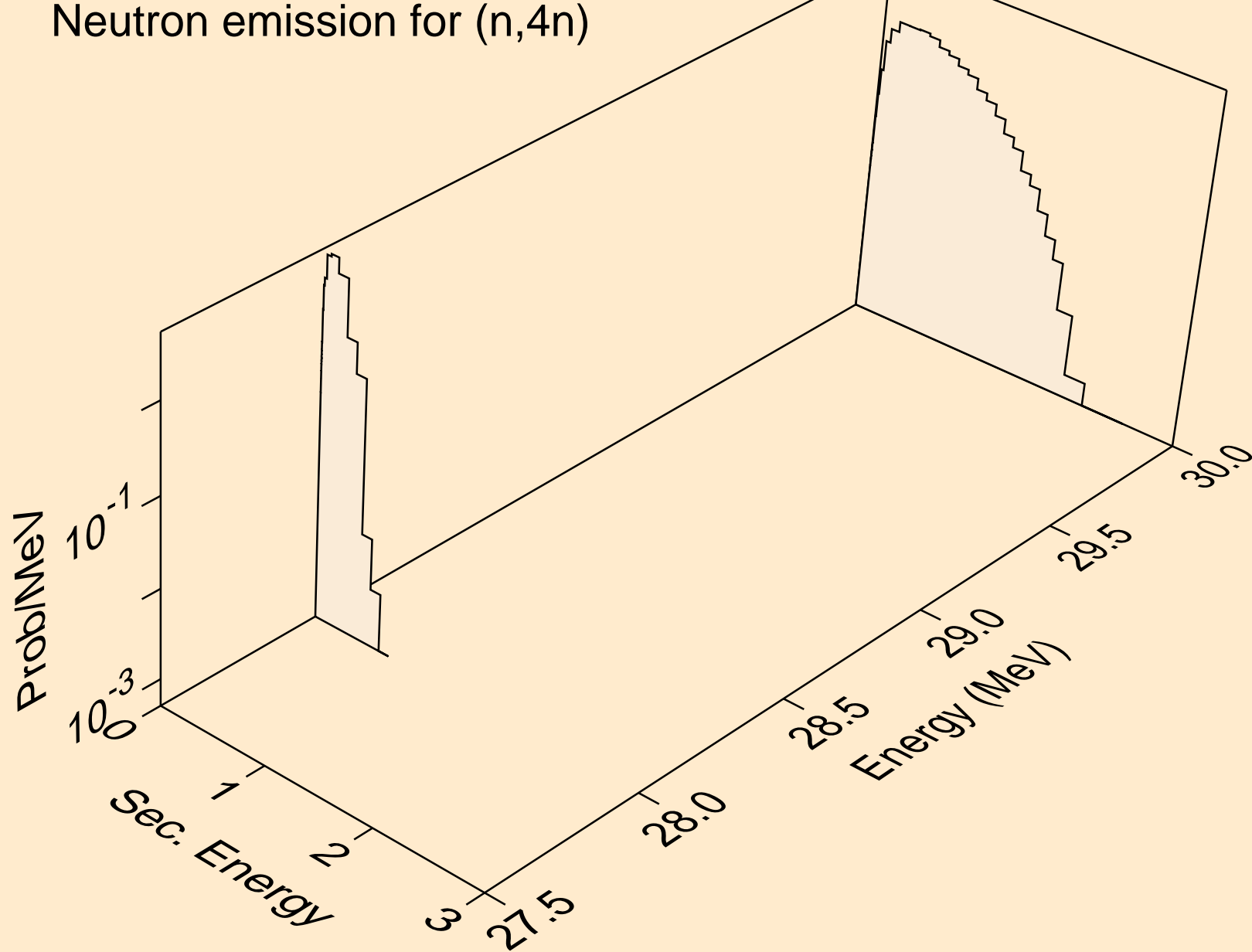
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

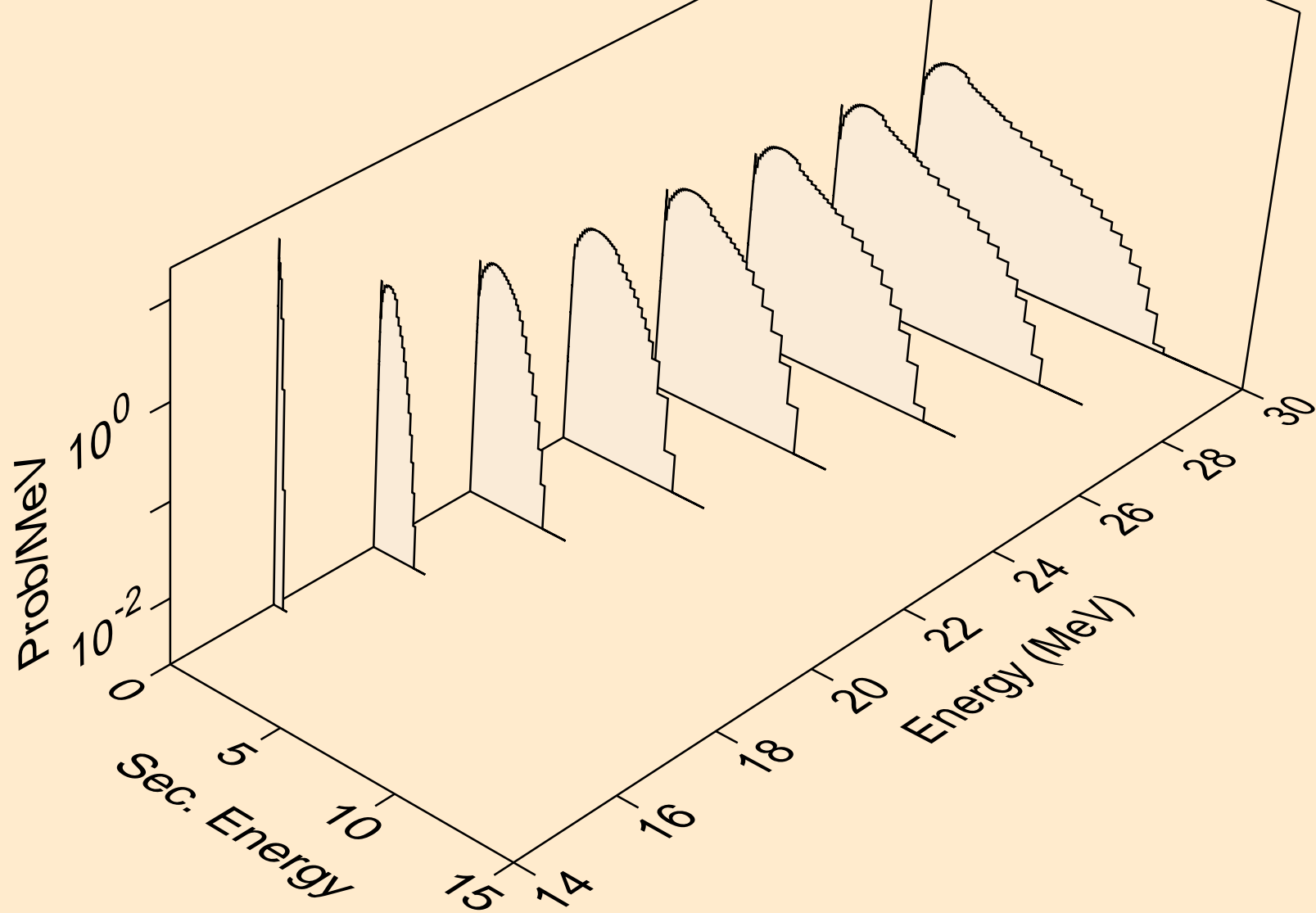


F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)

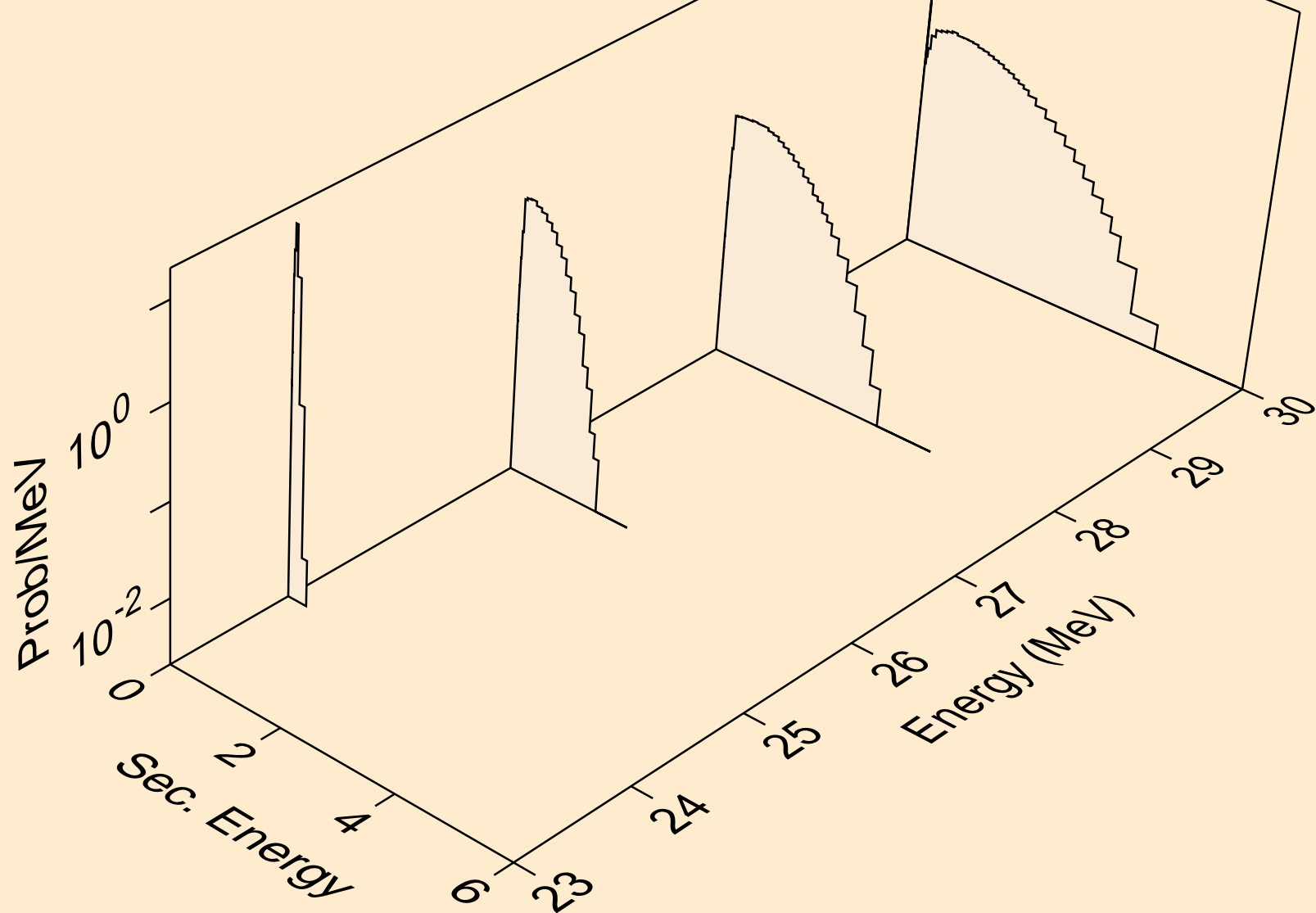




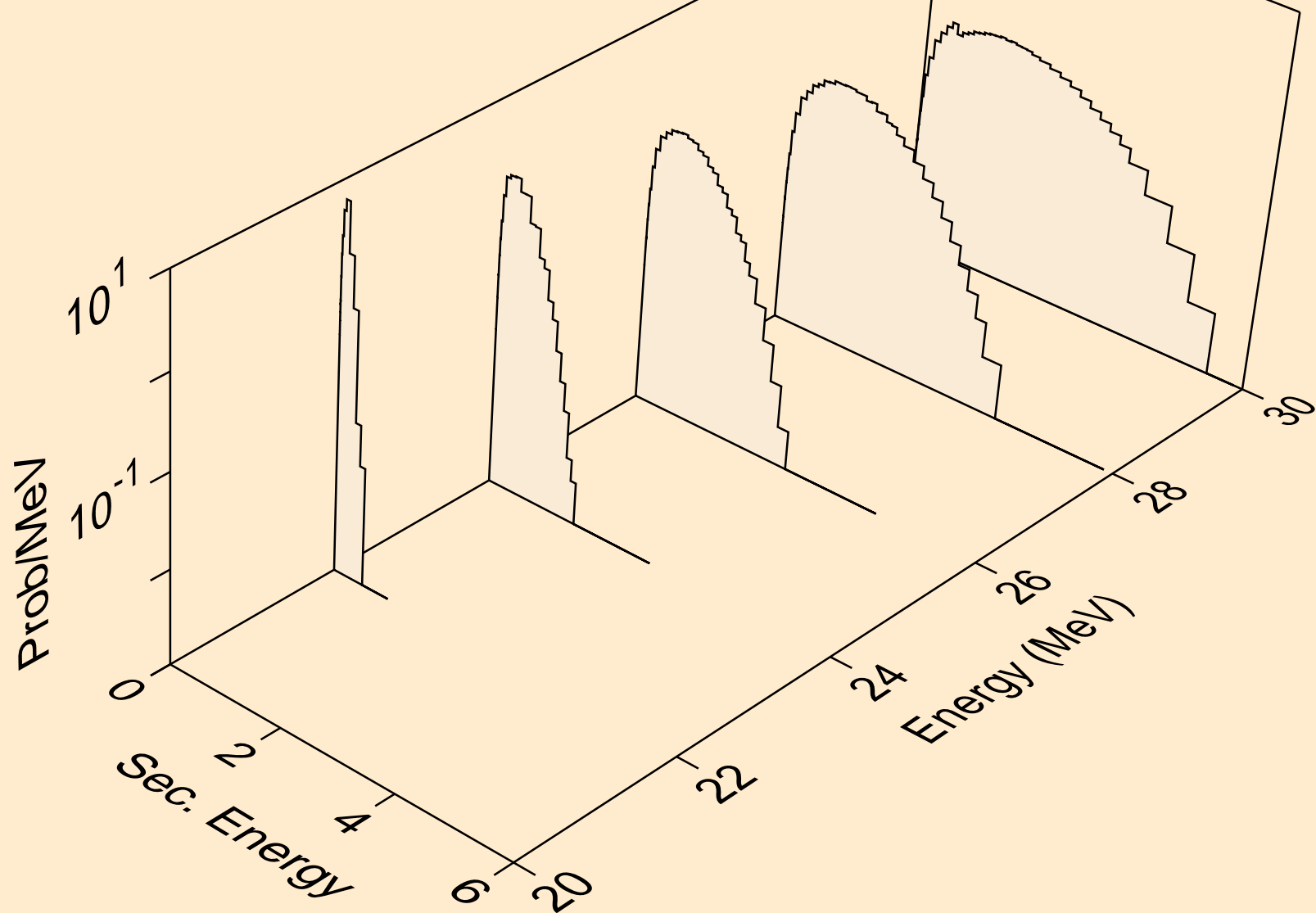
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Neutron emission for (n,2np)



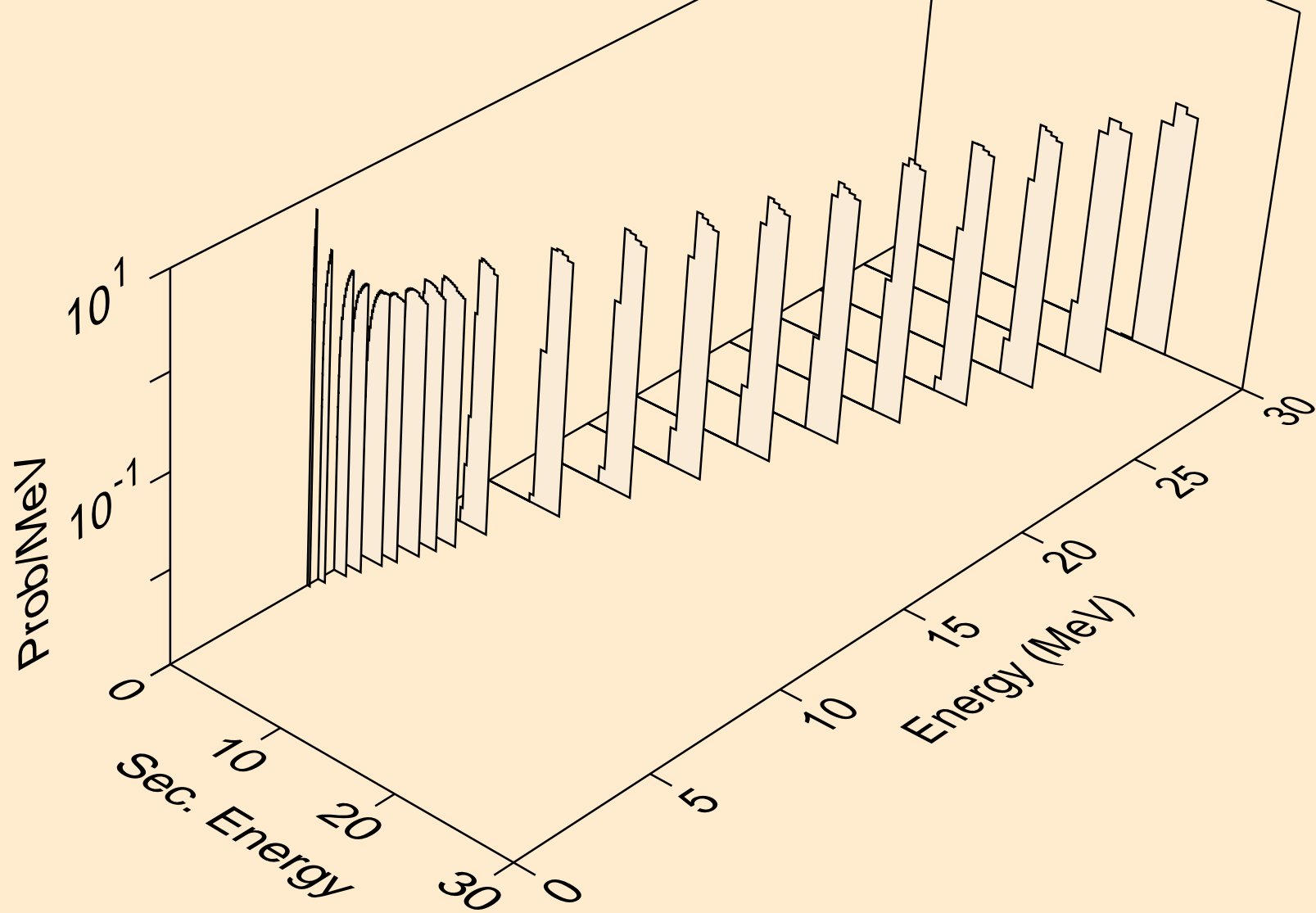
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Neutron emission for (n,3np)



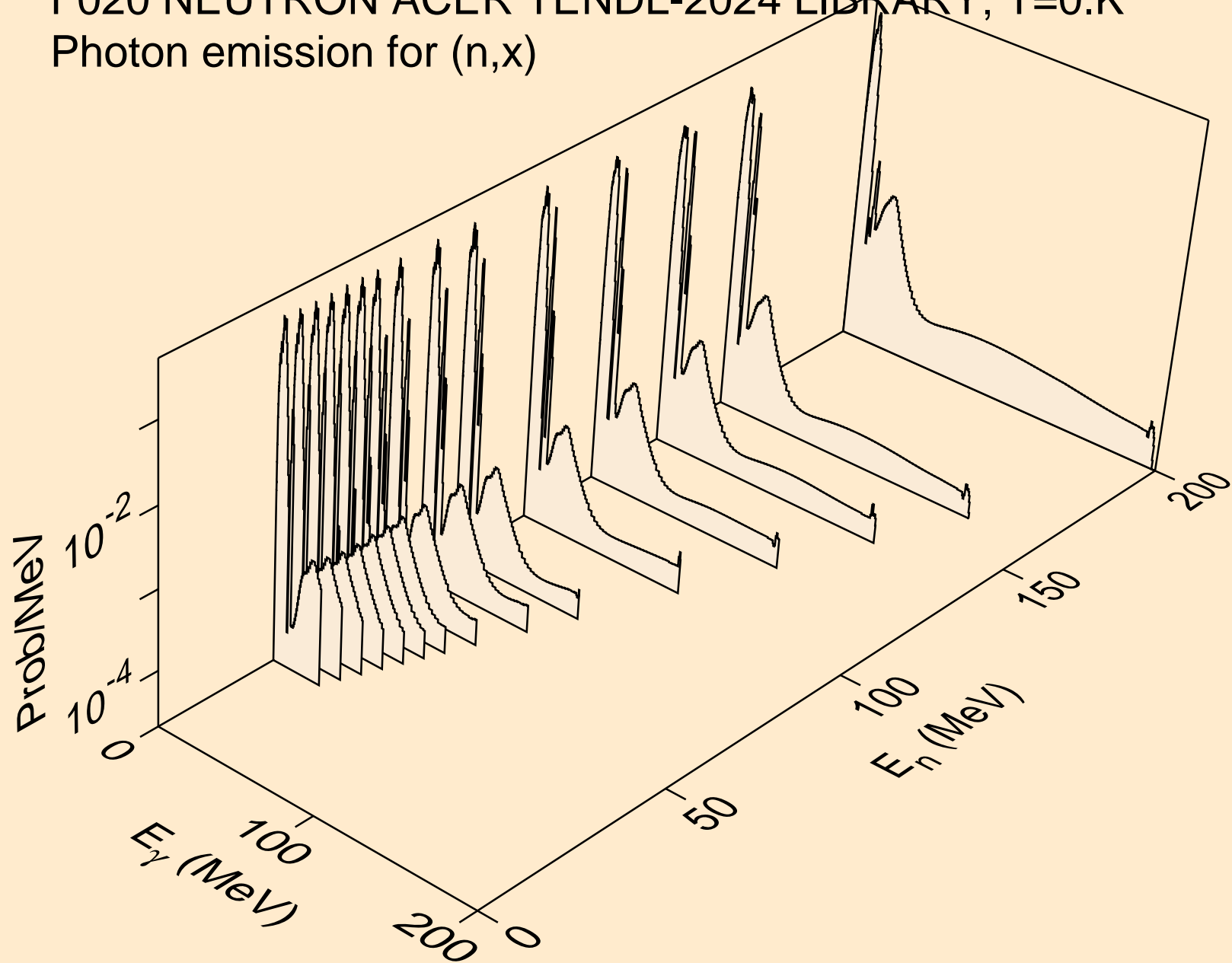
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Neutron emission for (n,npa)



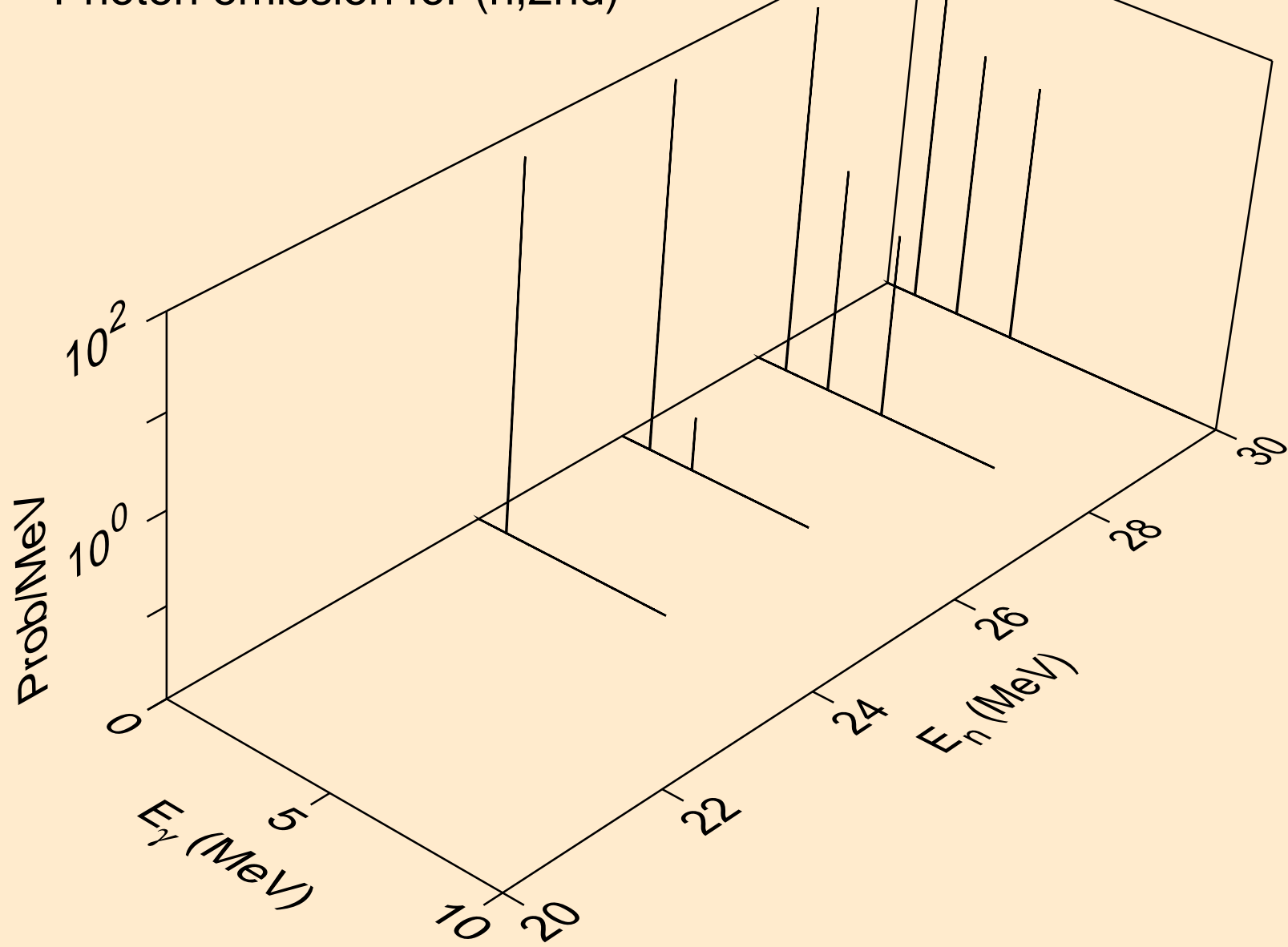
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Neutron emission for (n,n\*c)



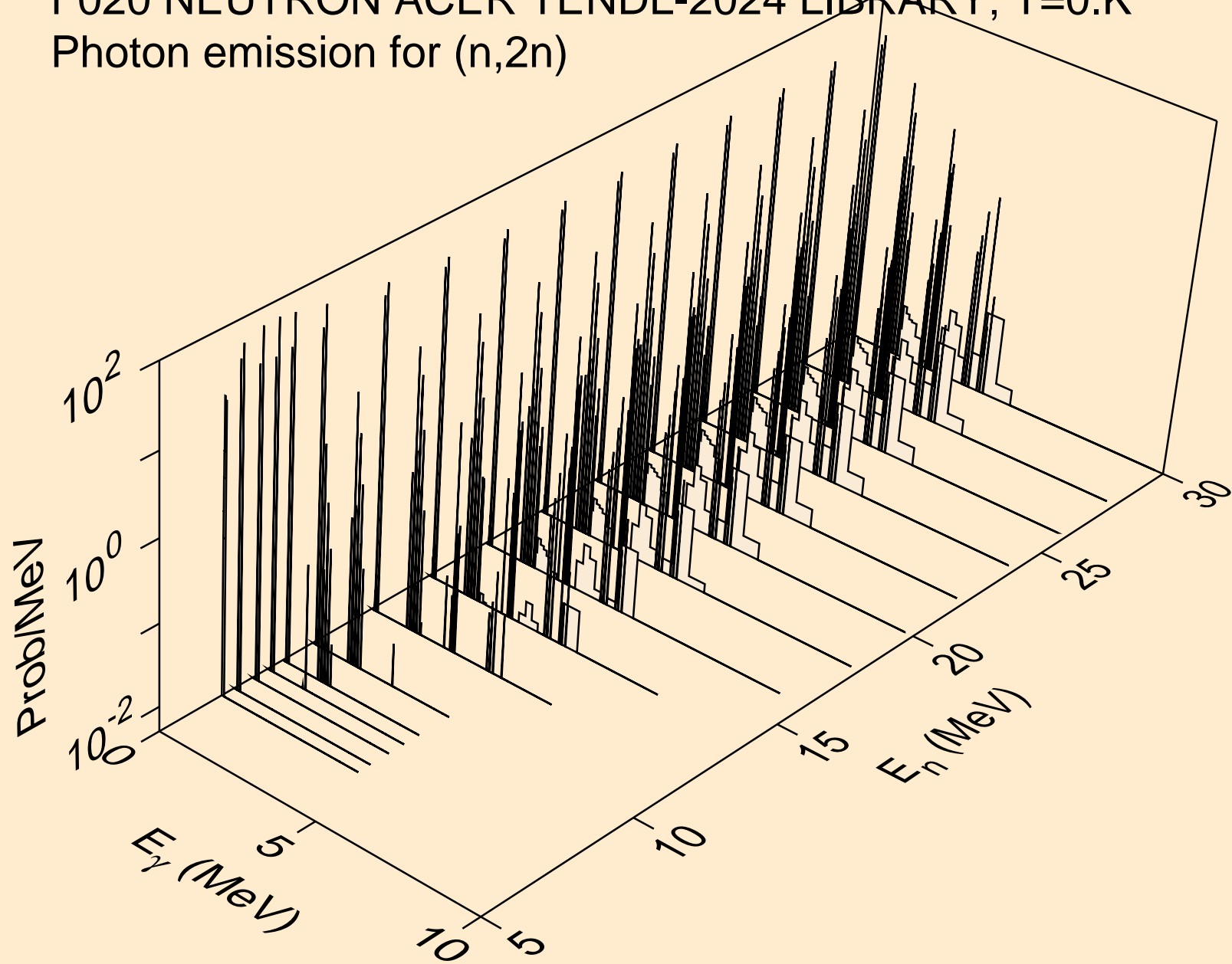
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



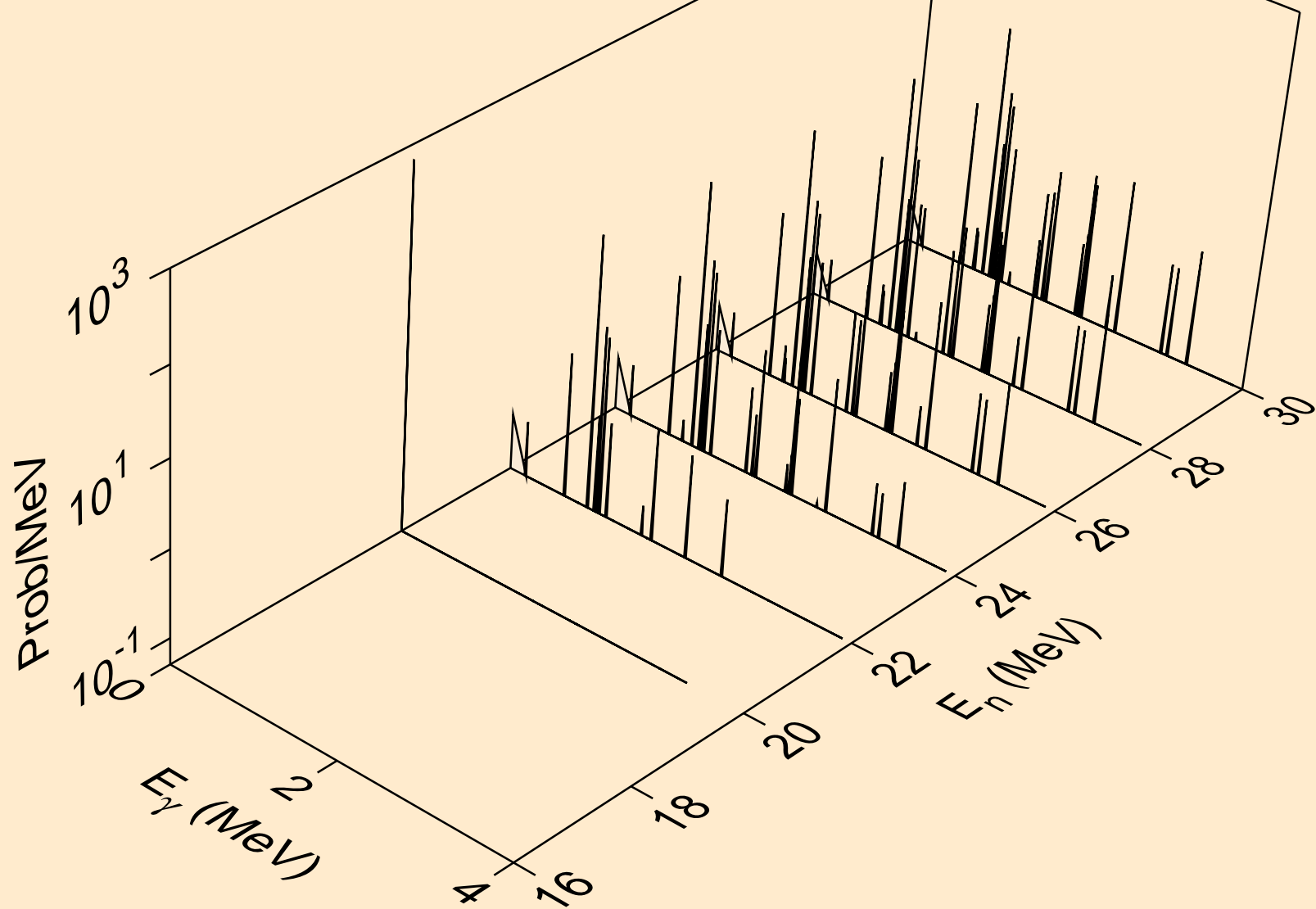
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

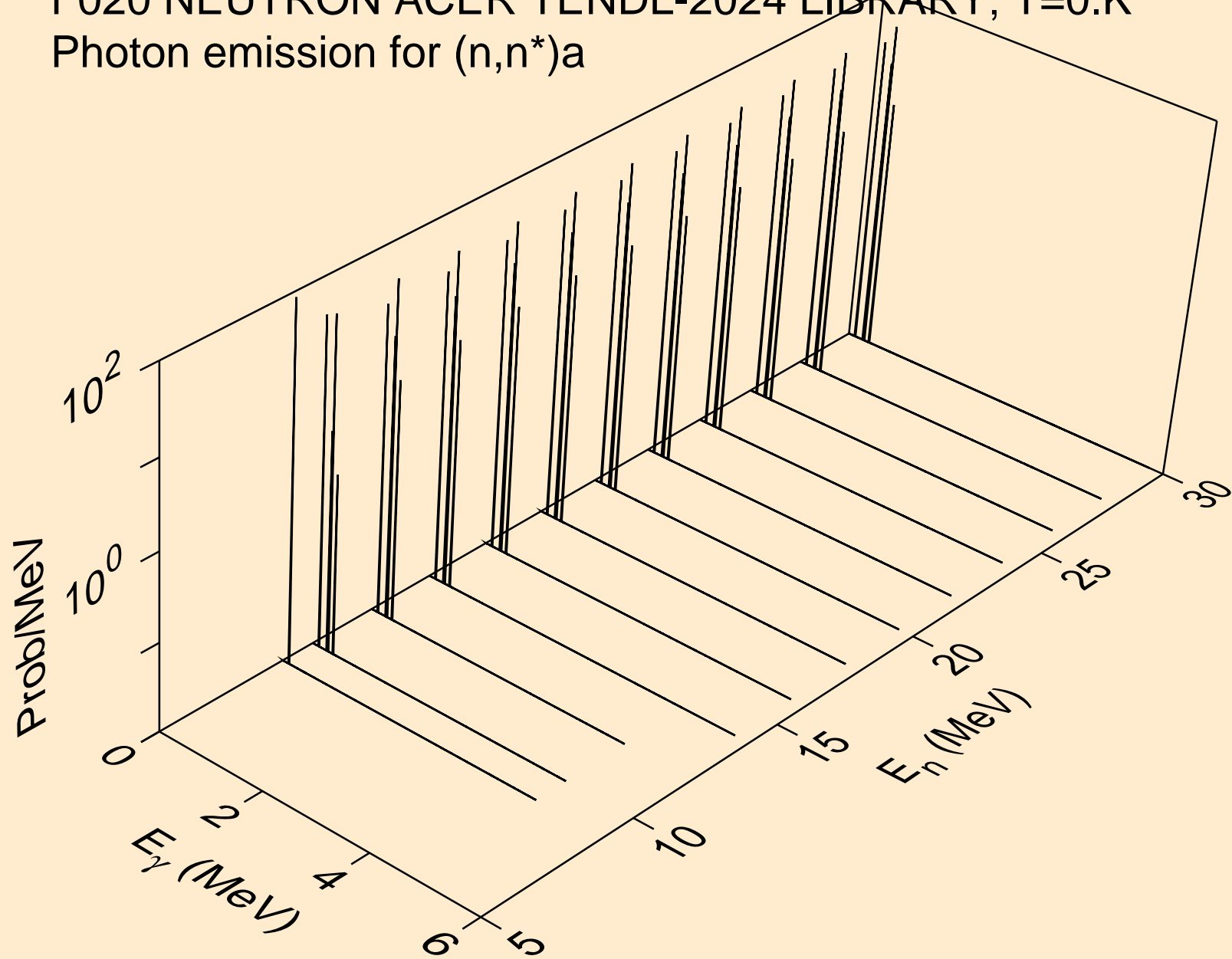


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Photon emission for (n,3n)

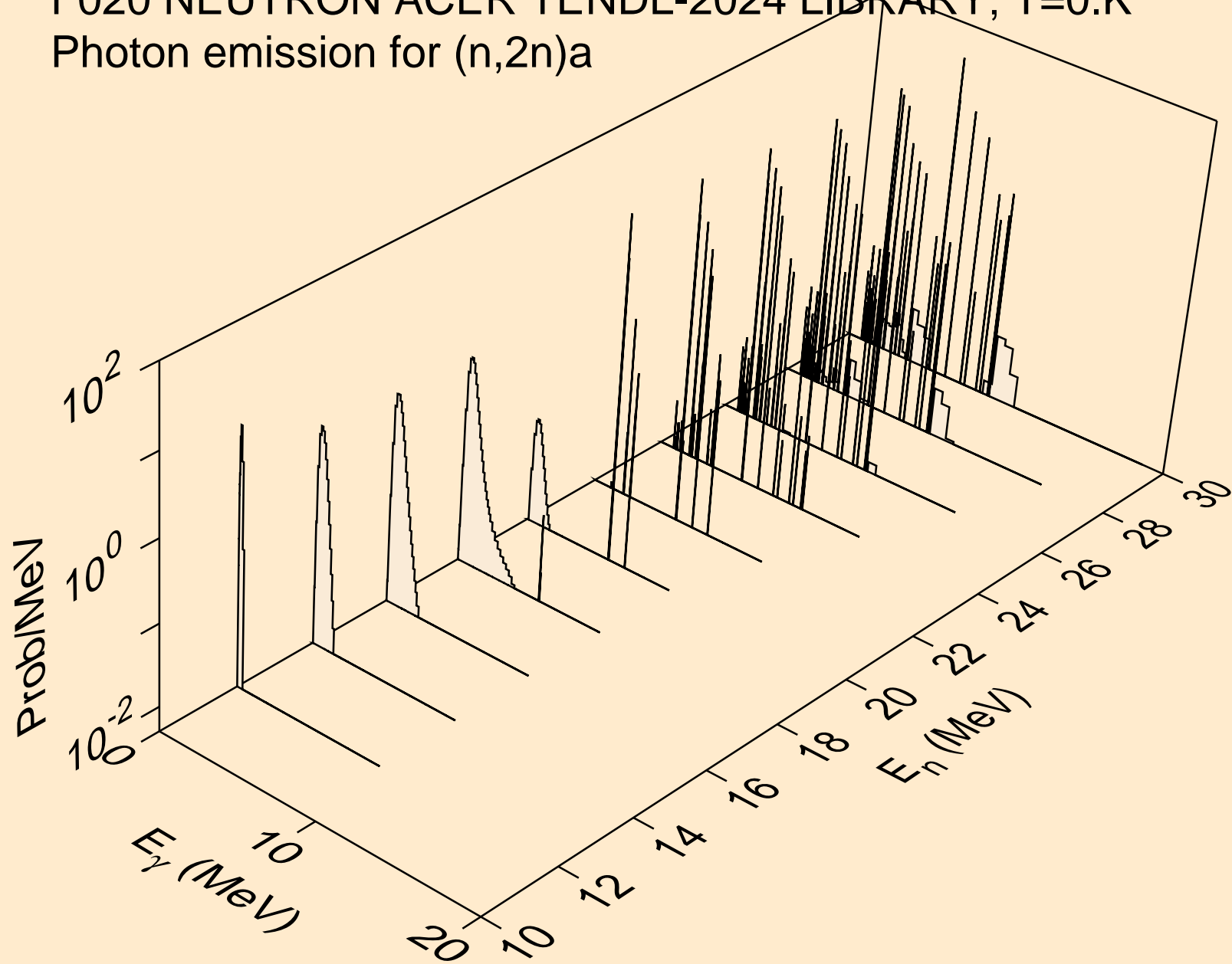




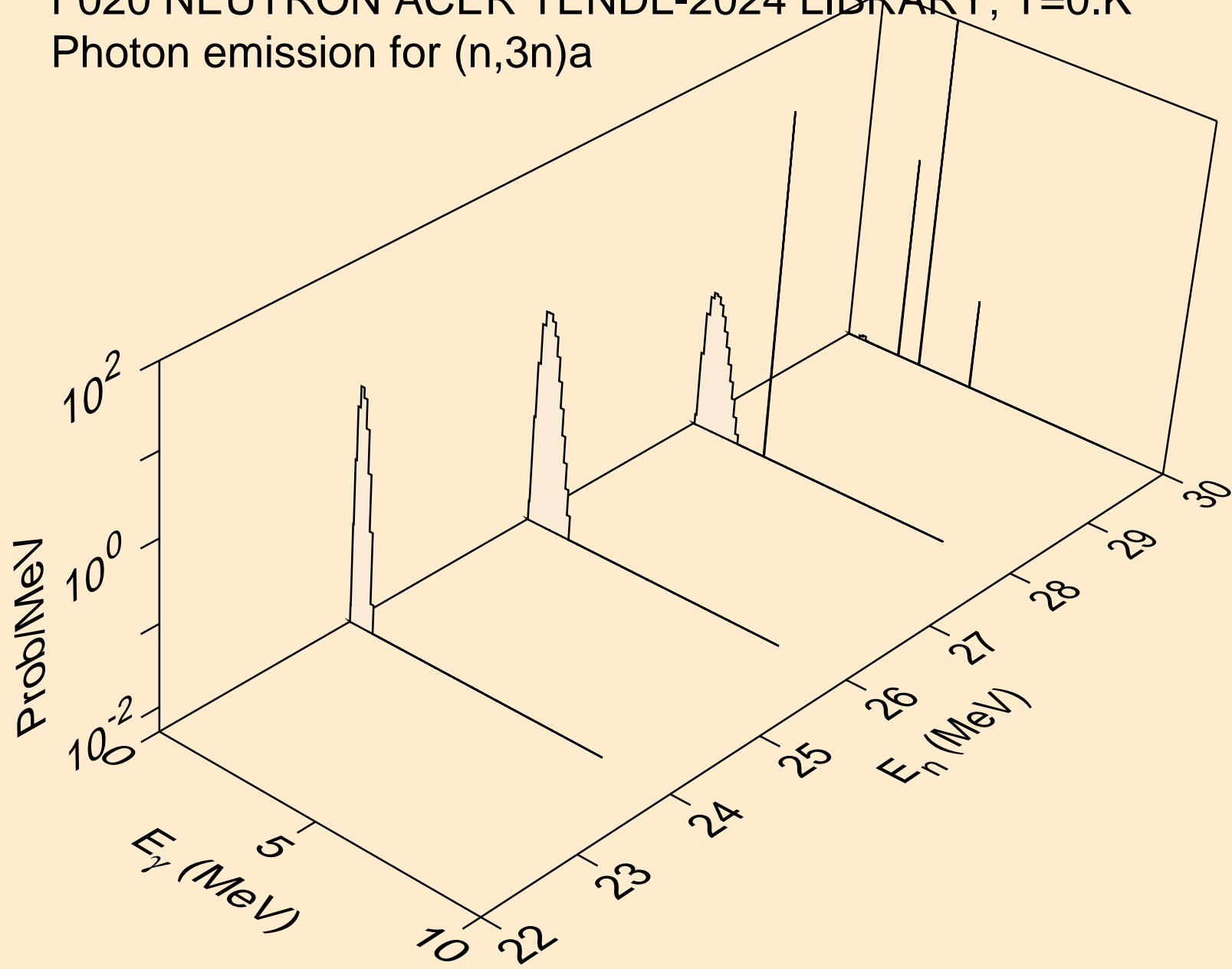
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Photon emission for (n,n\*)a



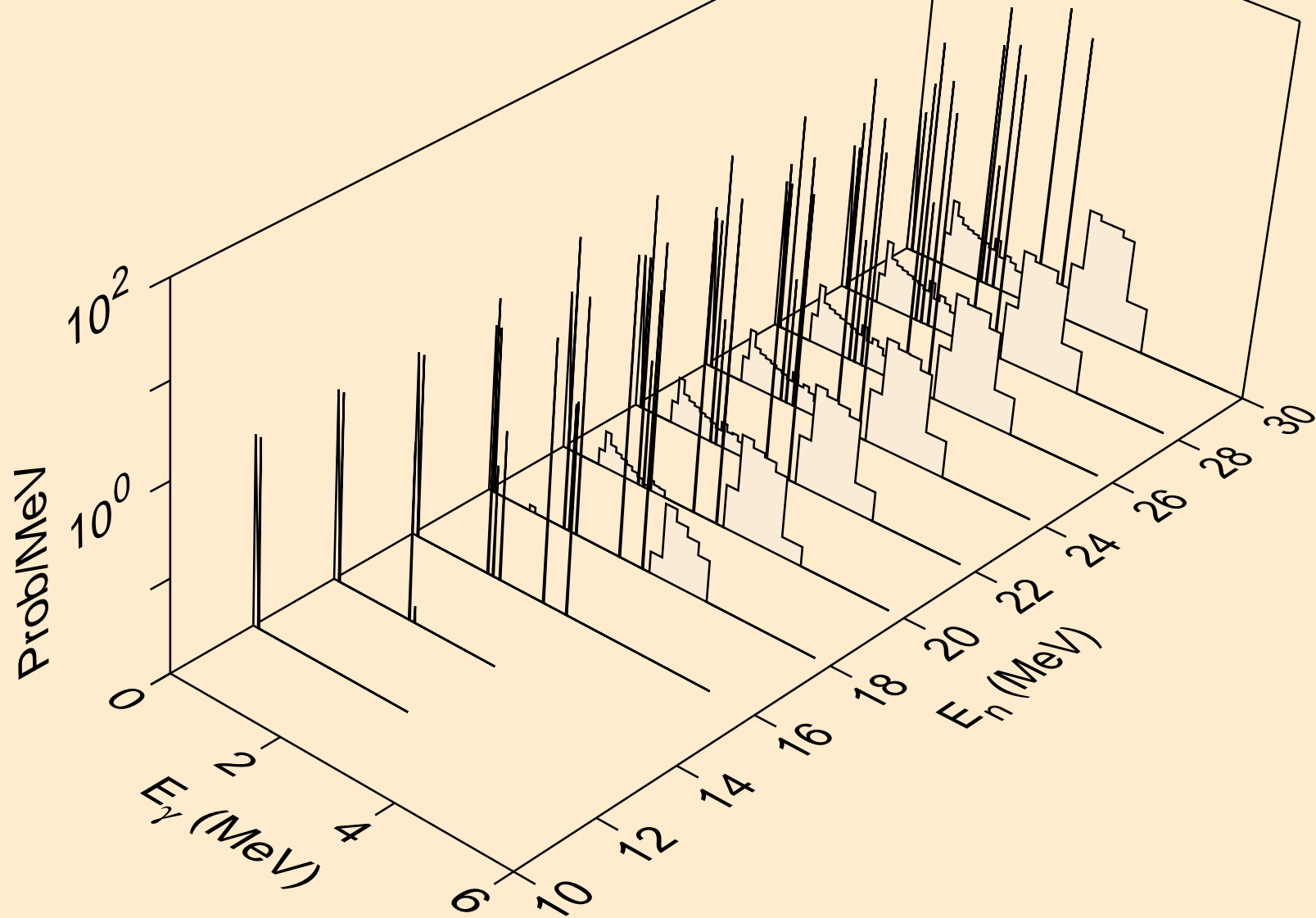
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Photon emission for (n,2n)a



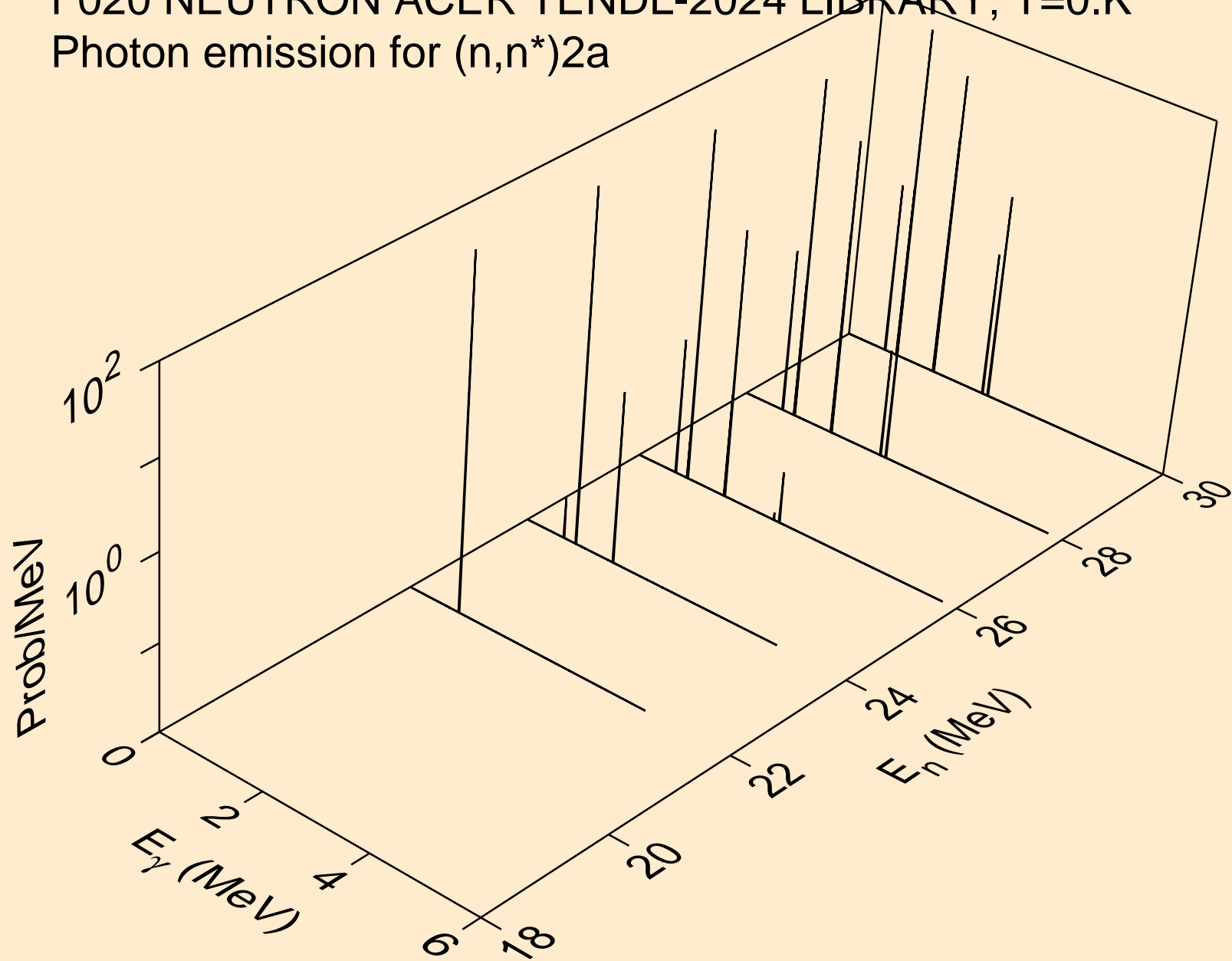
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Photon emission for (n,3n)a



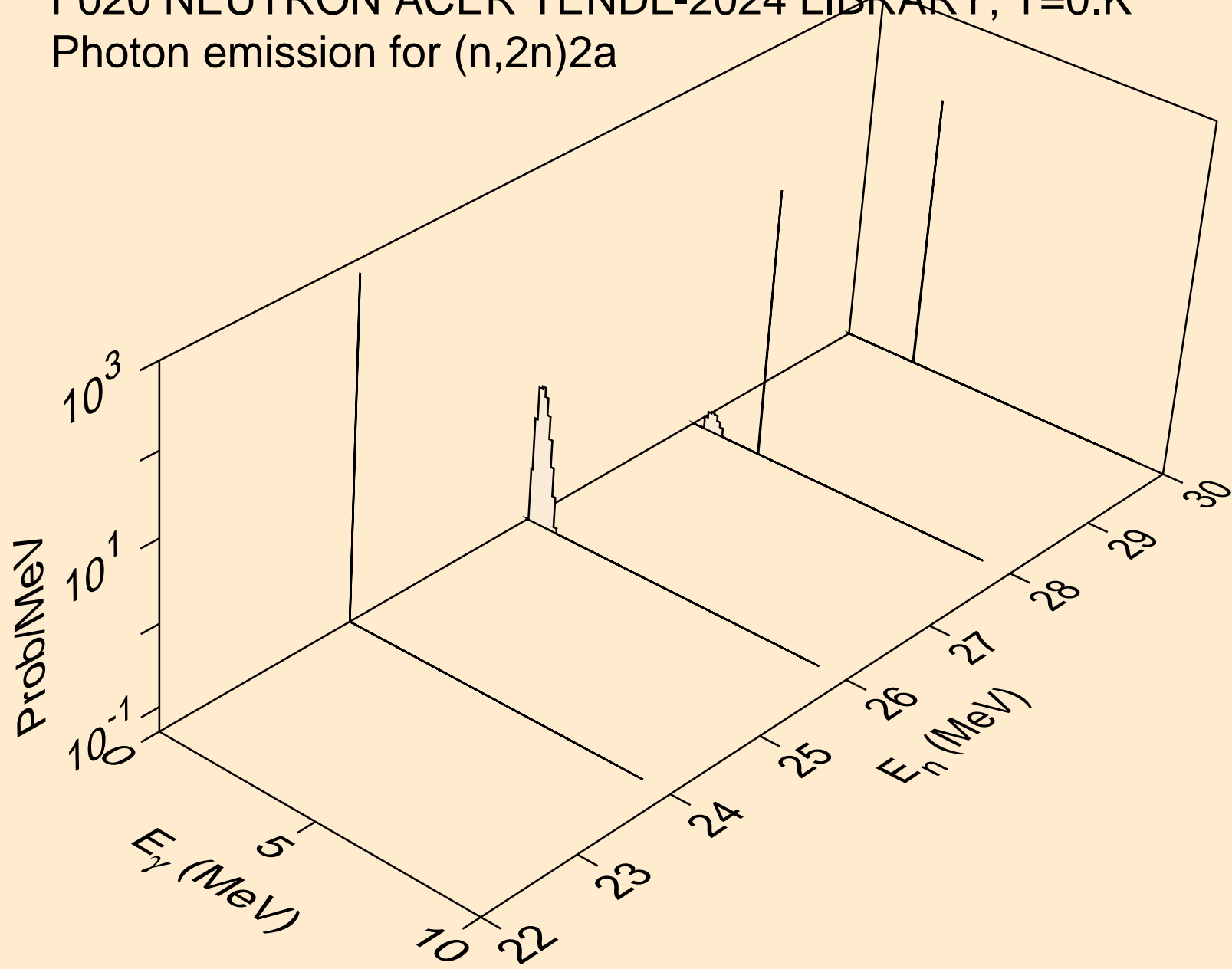
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Photon emission for (n,n\*)p



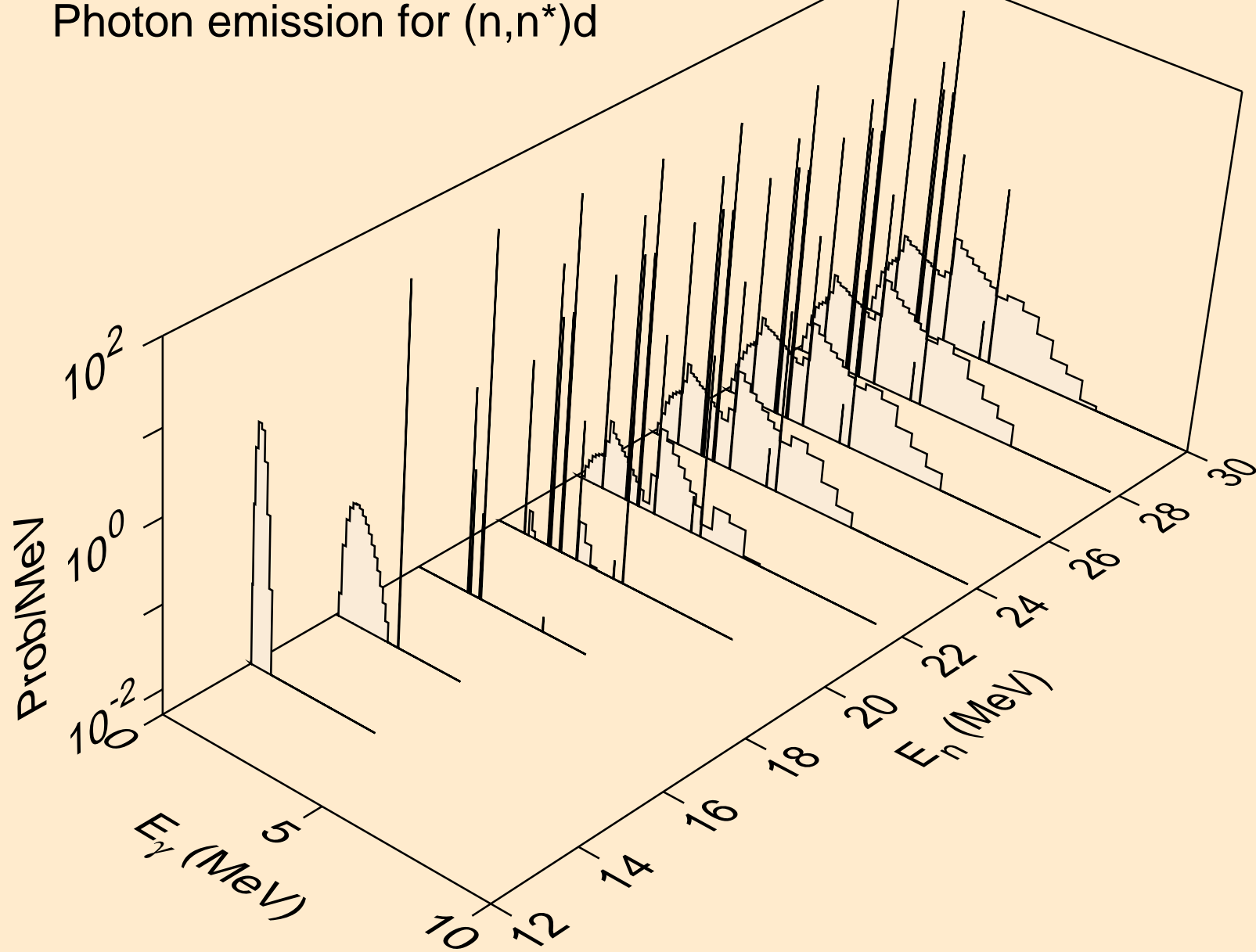
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Photon emission for (n,n\*)2a



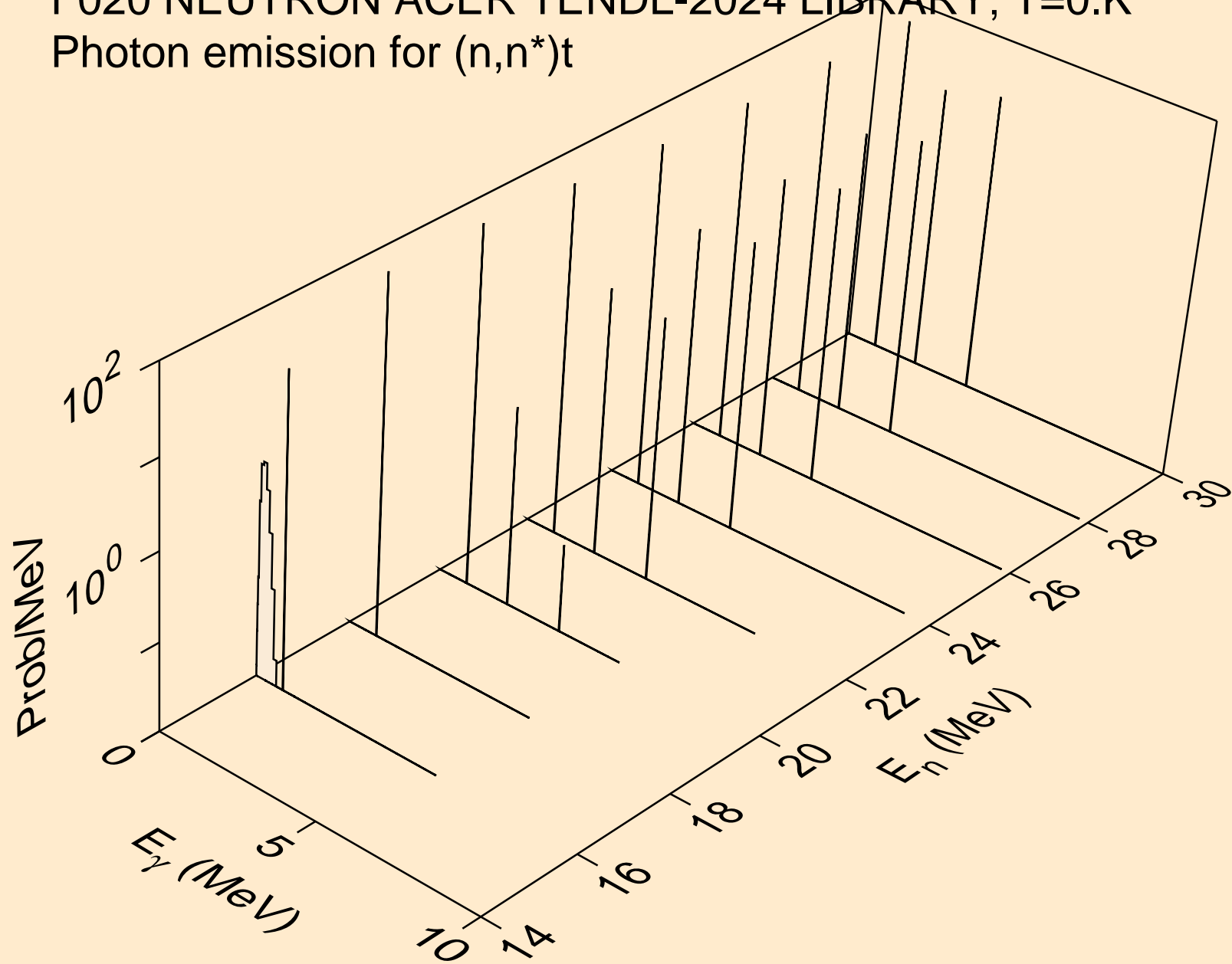
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

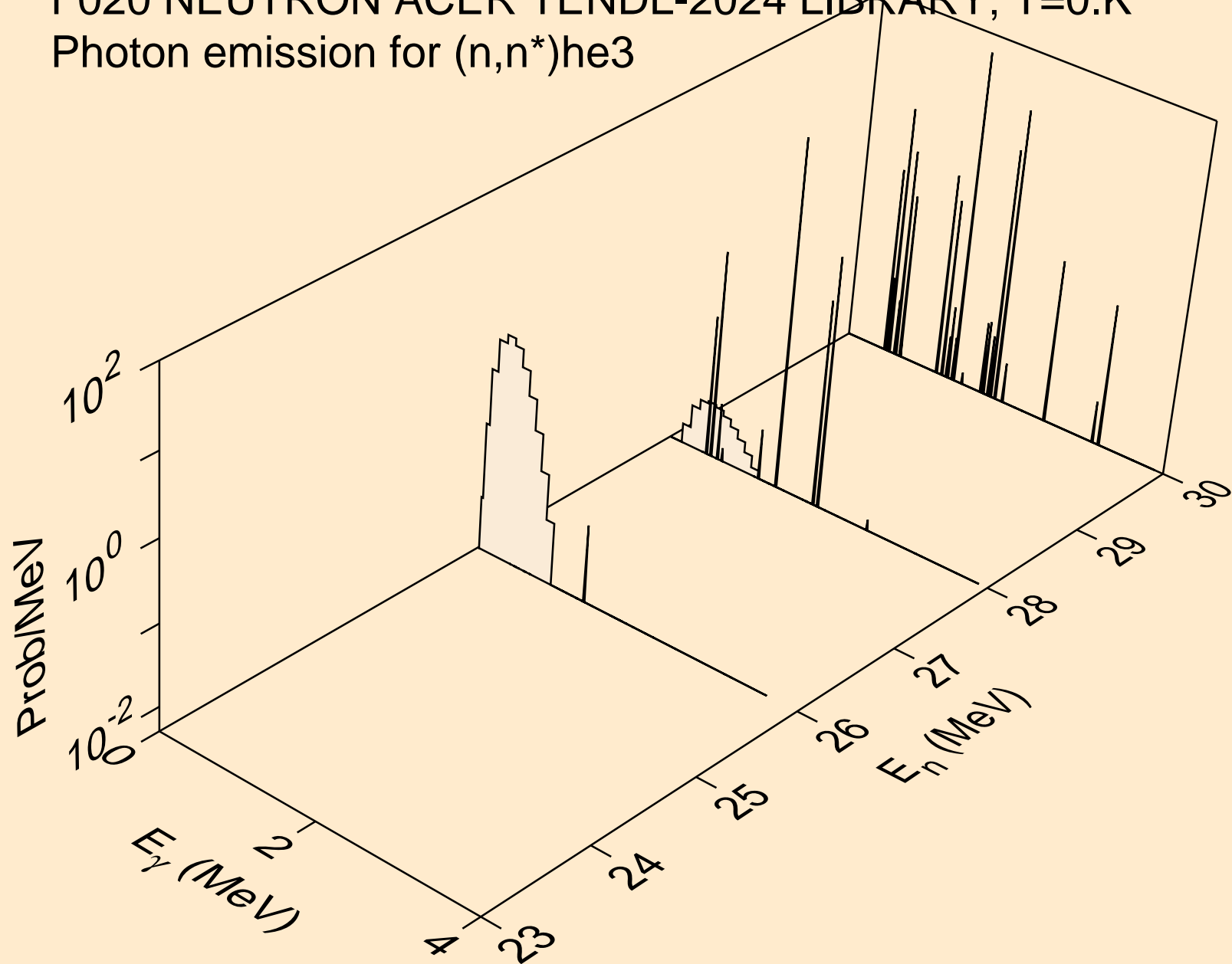


F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

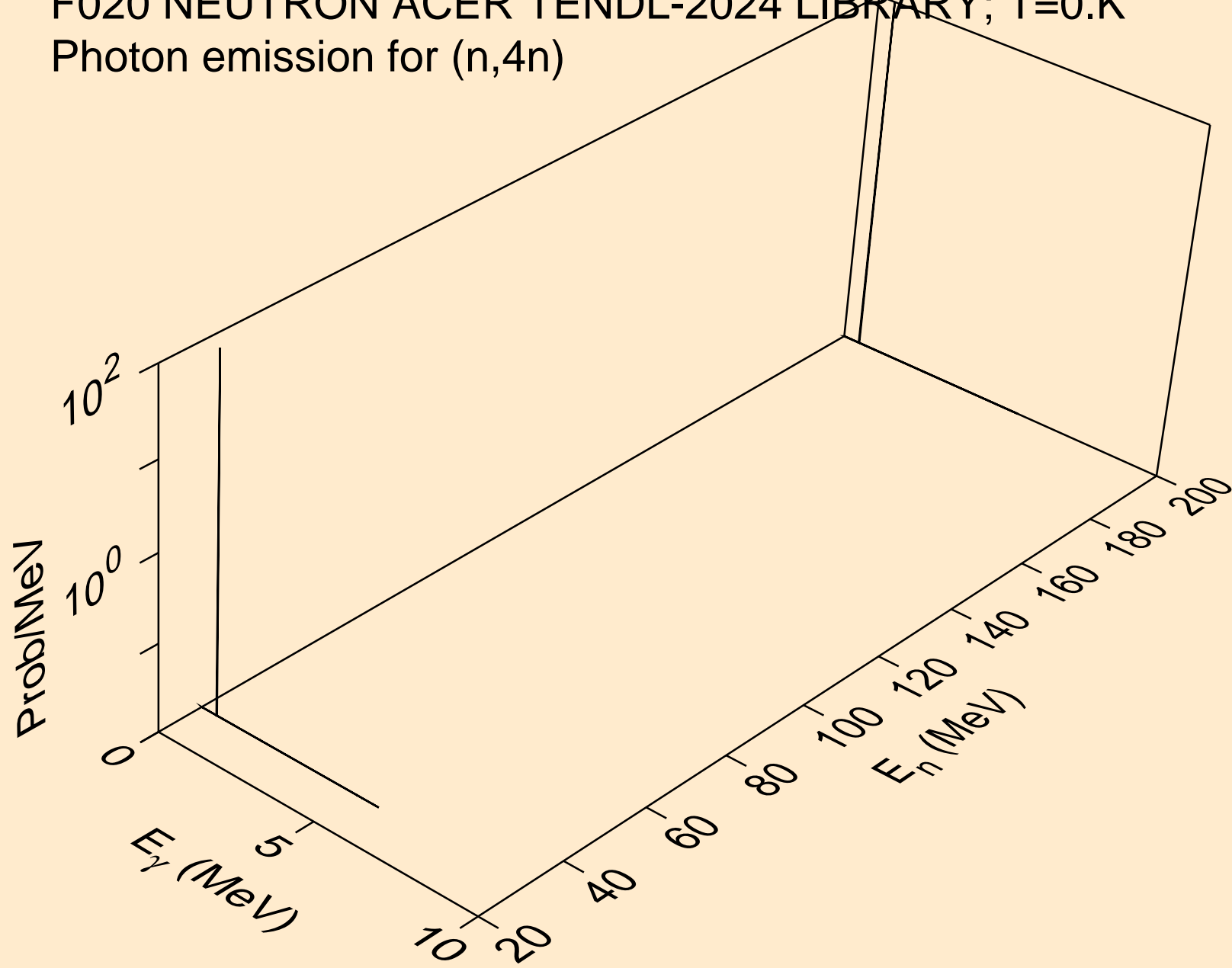




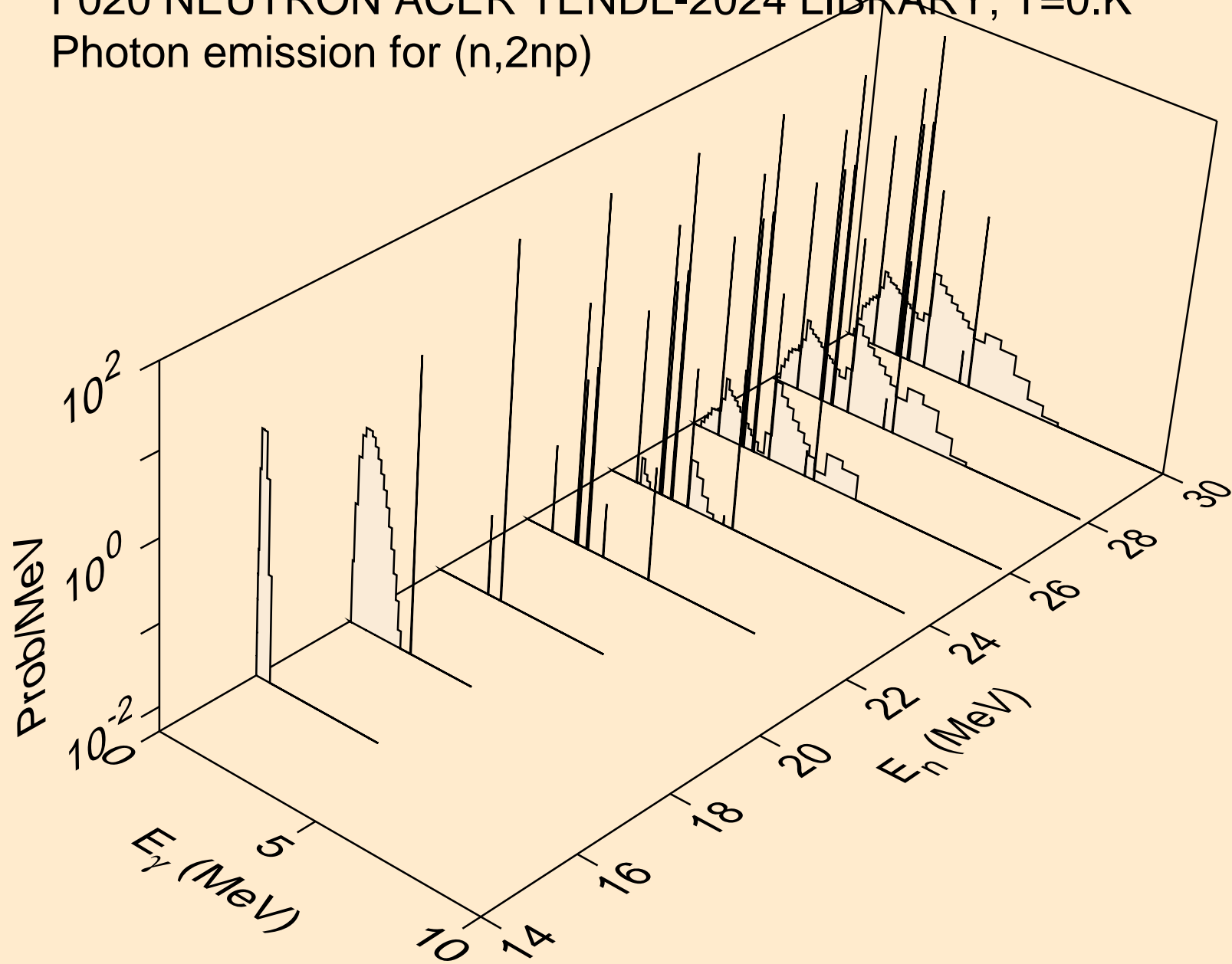
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



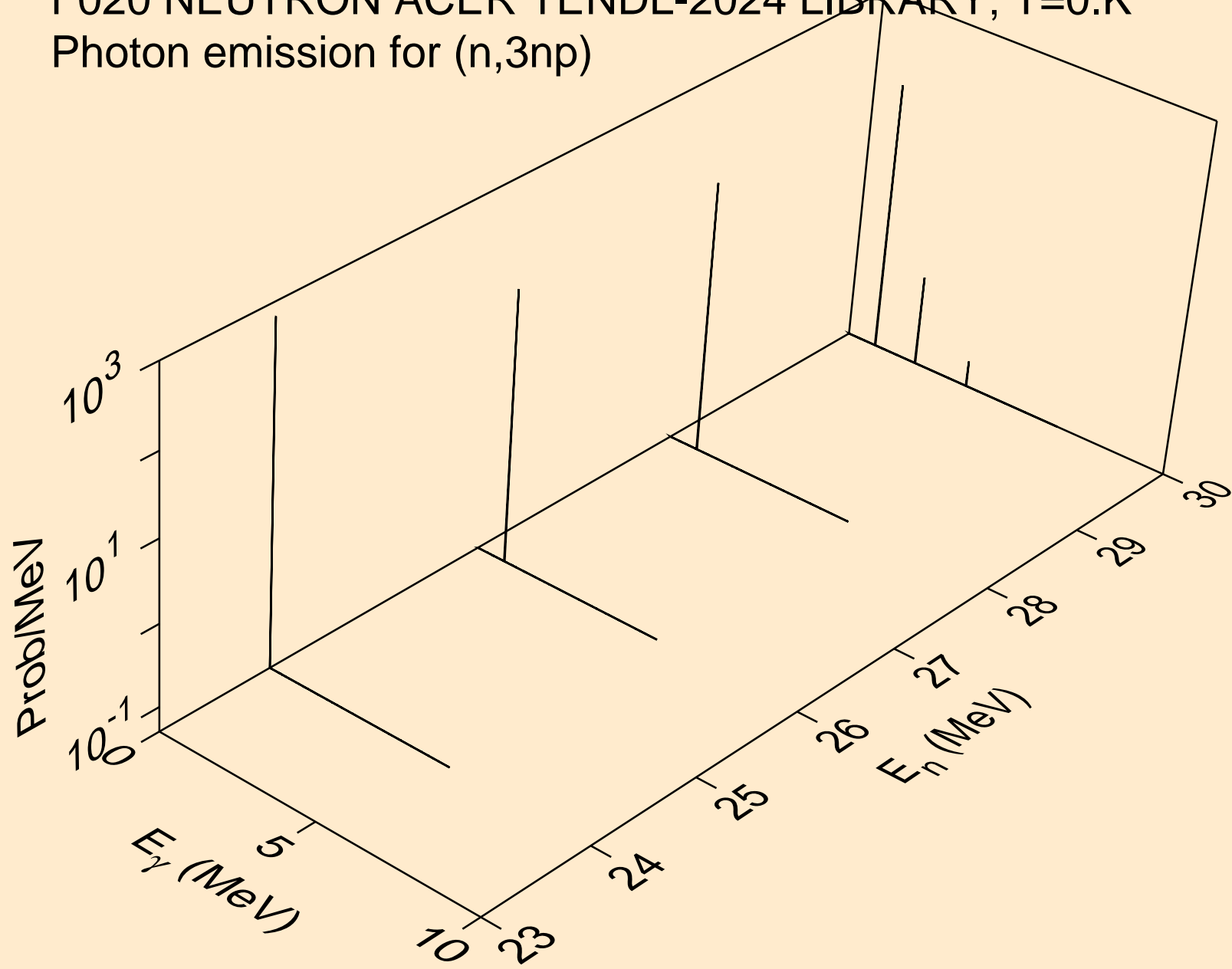
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Photon emission for (n,4n)



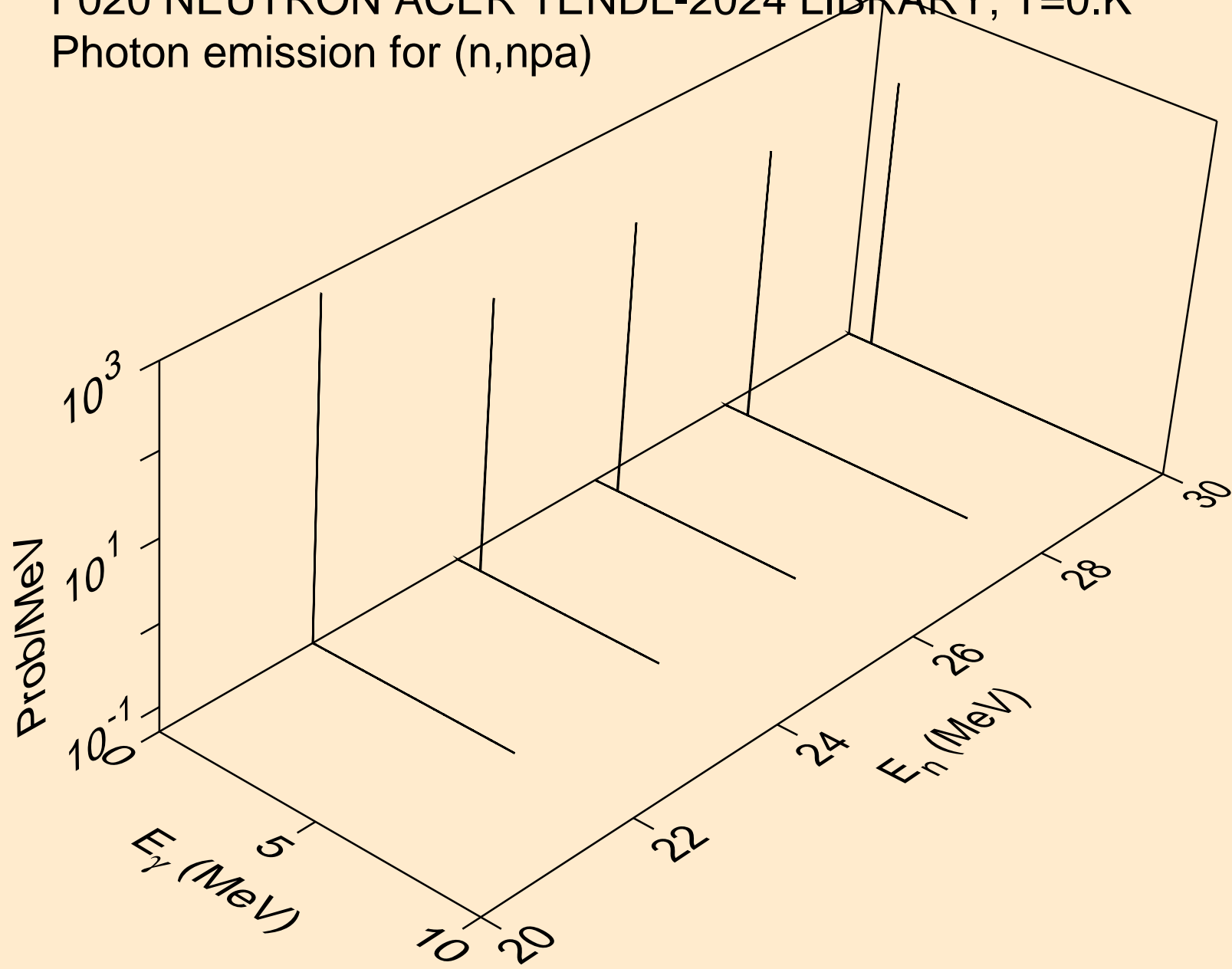
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Photon emission for (n,2np)



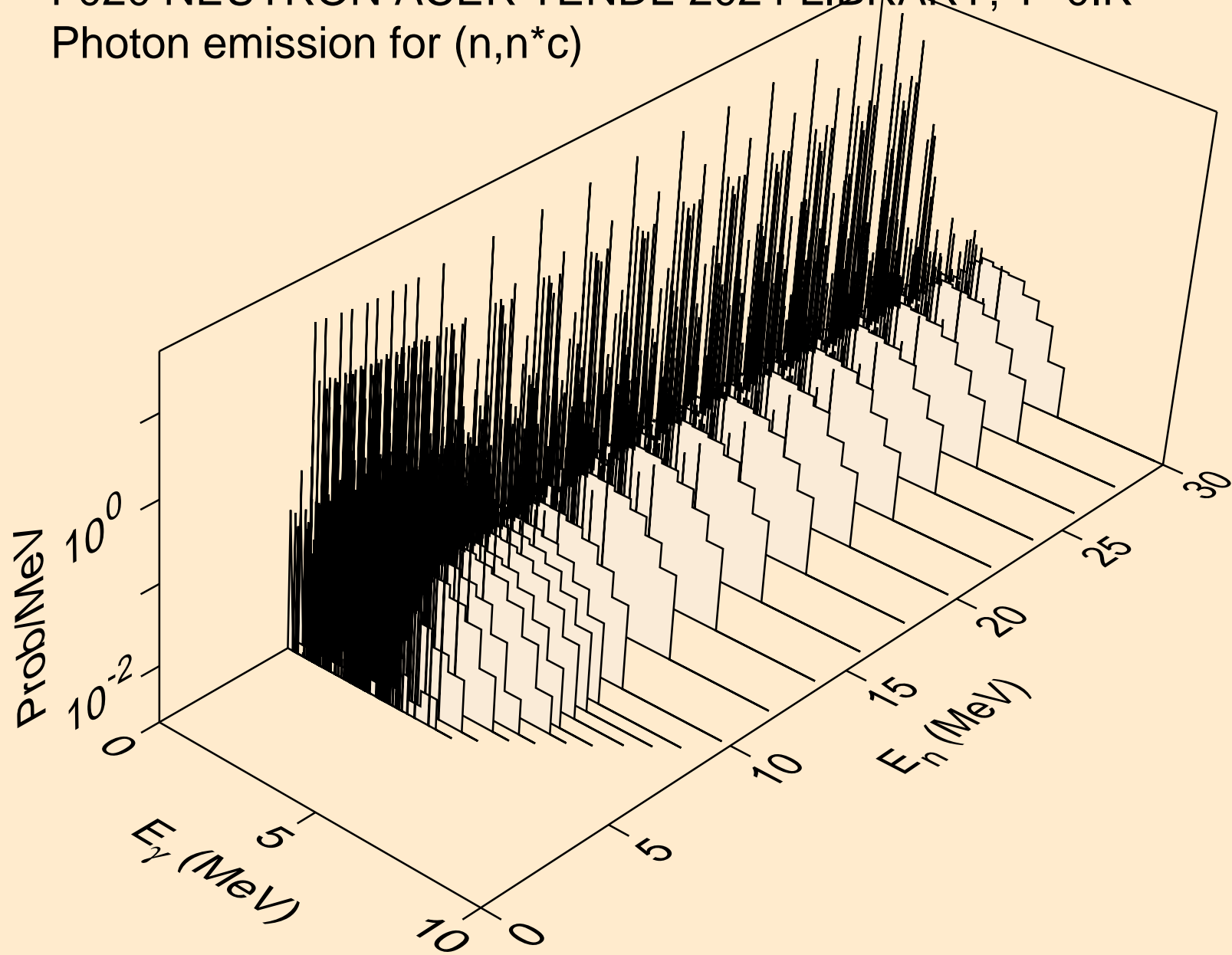
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Photon emission for (n,3np)



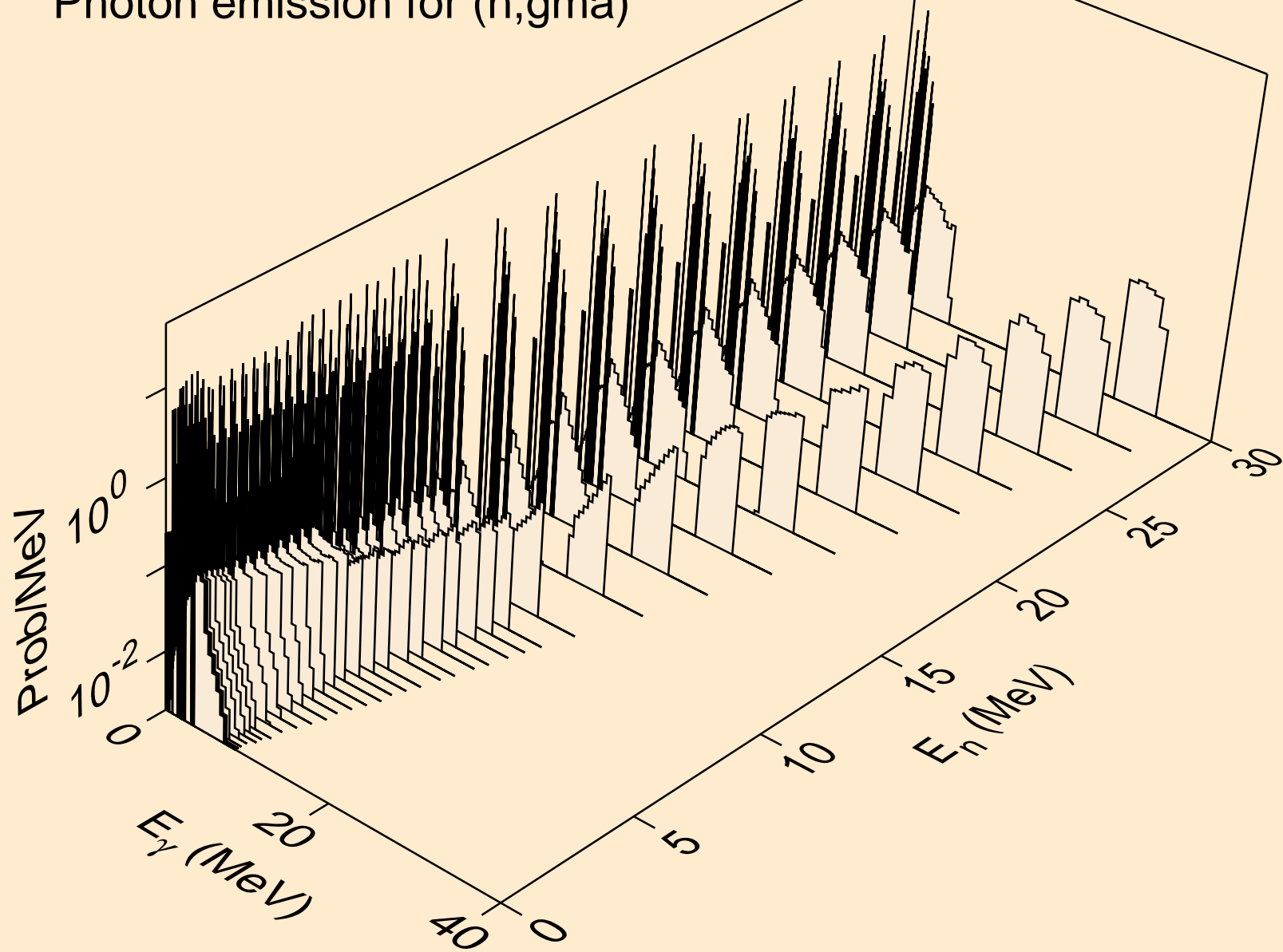
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Photon emission for (n,npa)



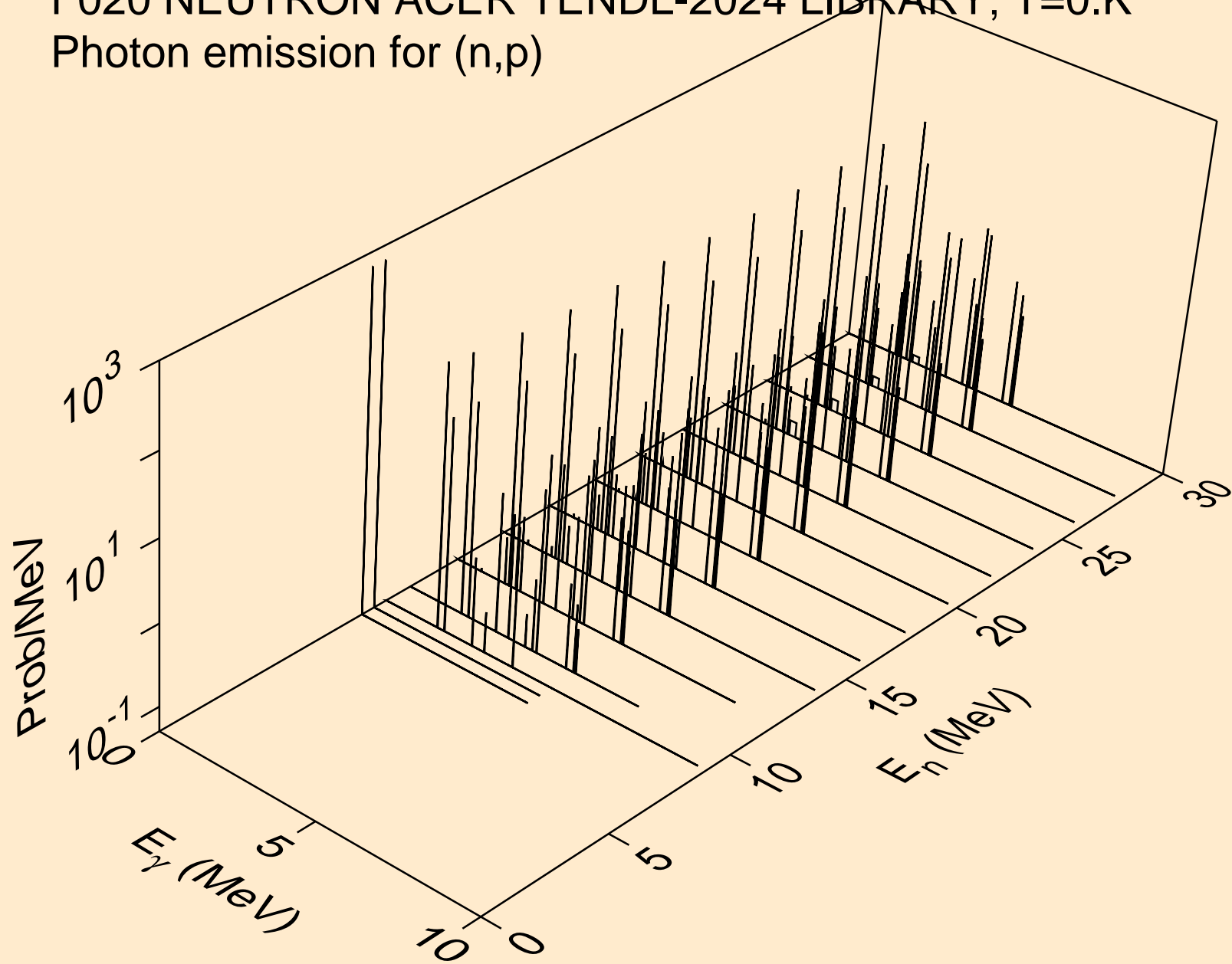
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

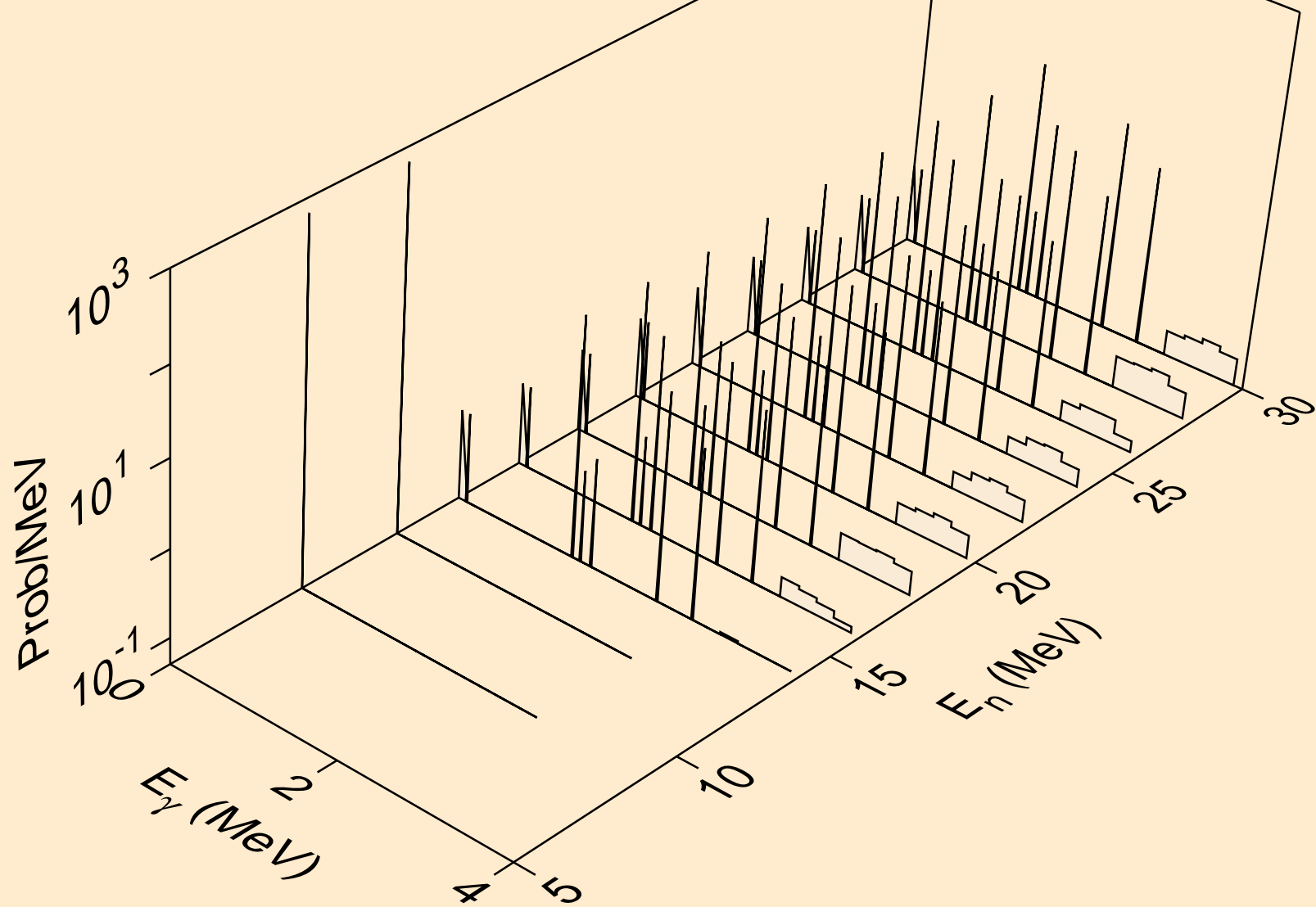


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Photon emission for (n,p)

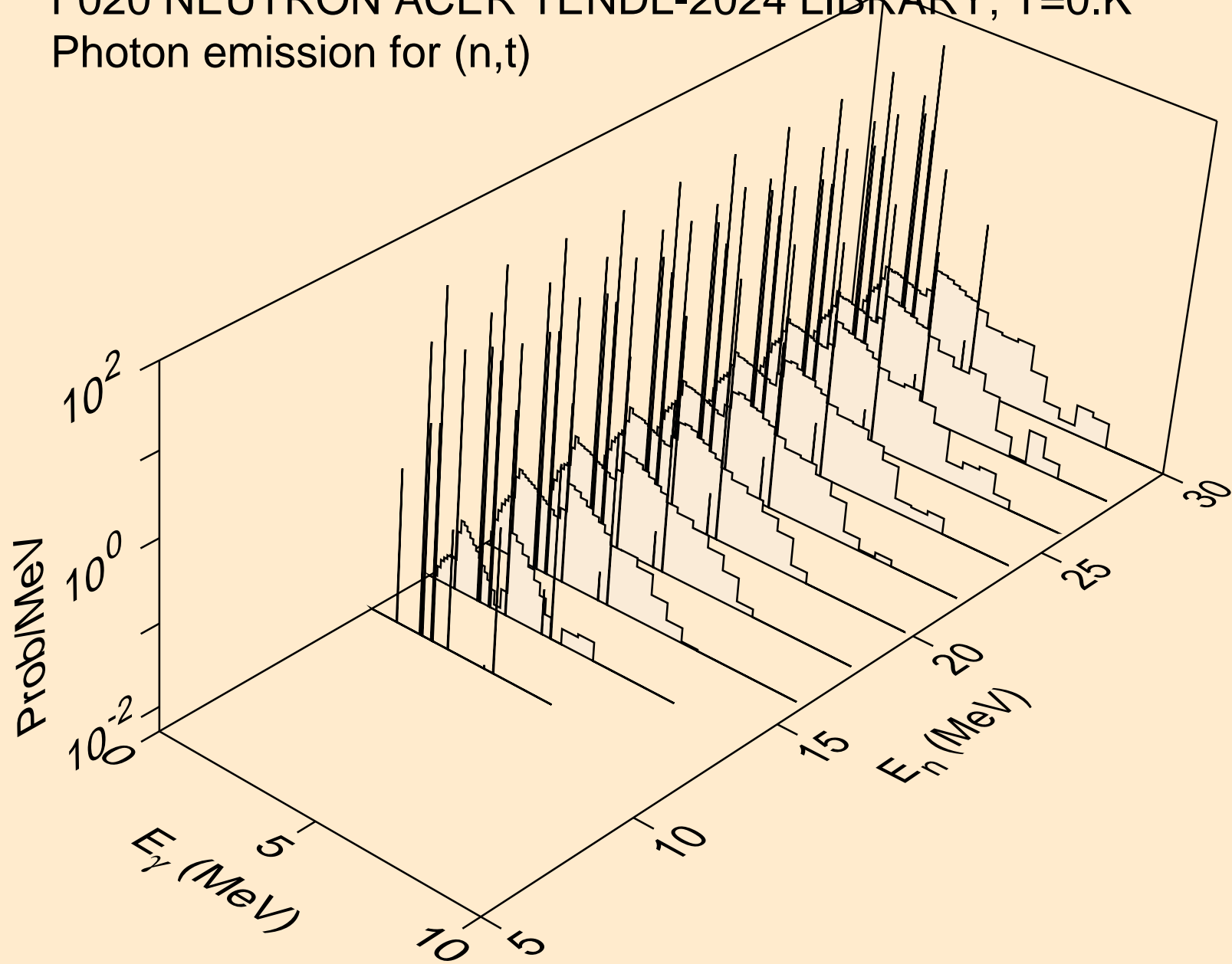




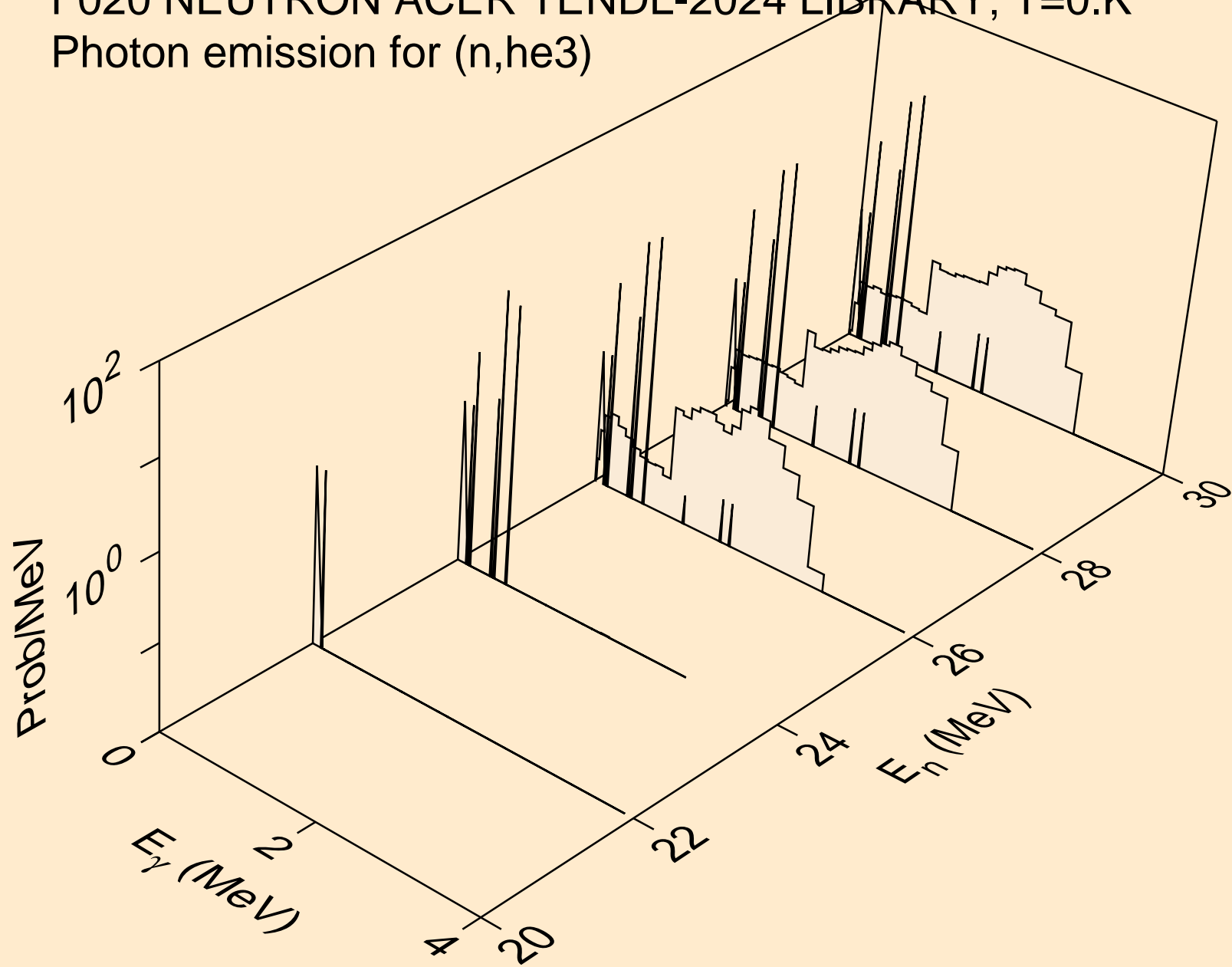
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Photon emission for (n,d)



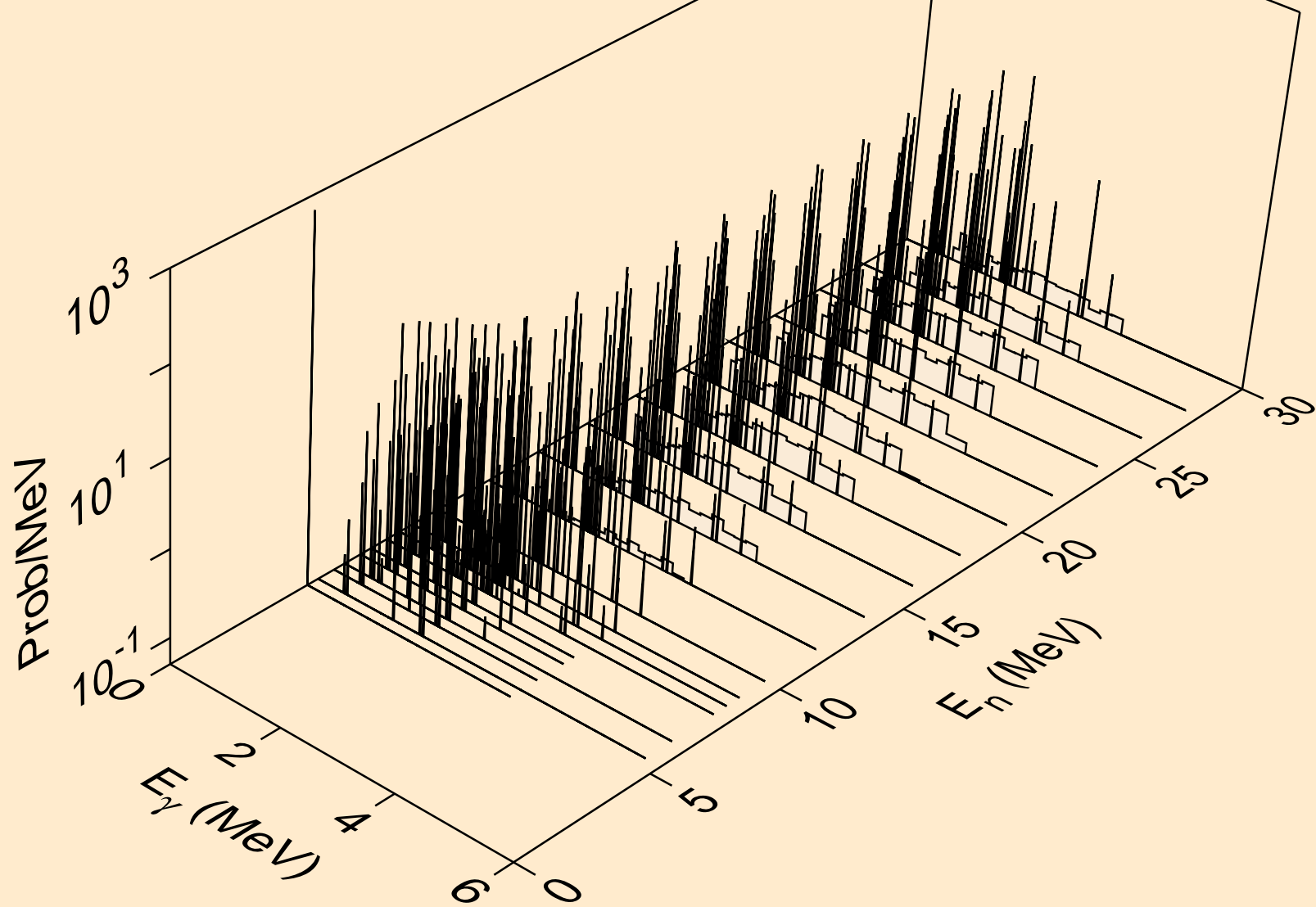
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Photon emission for (n,t)



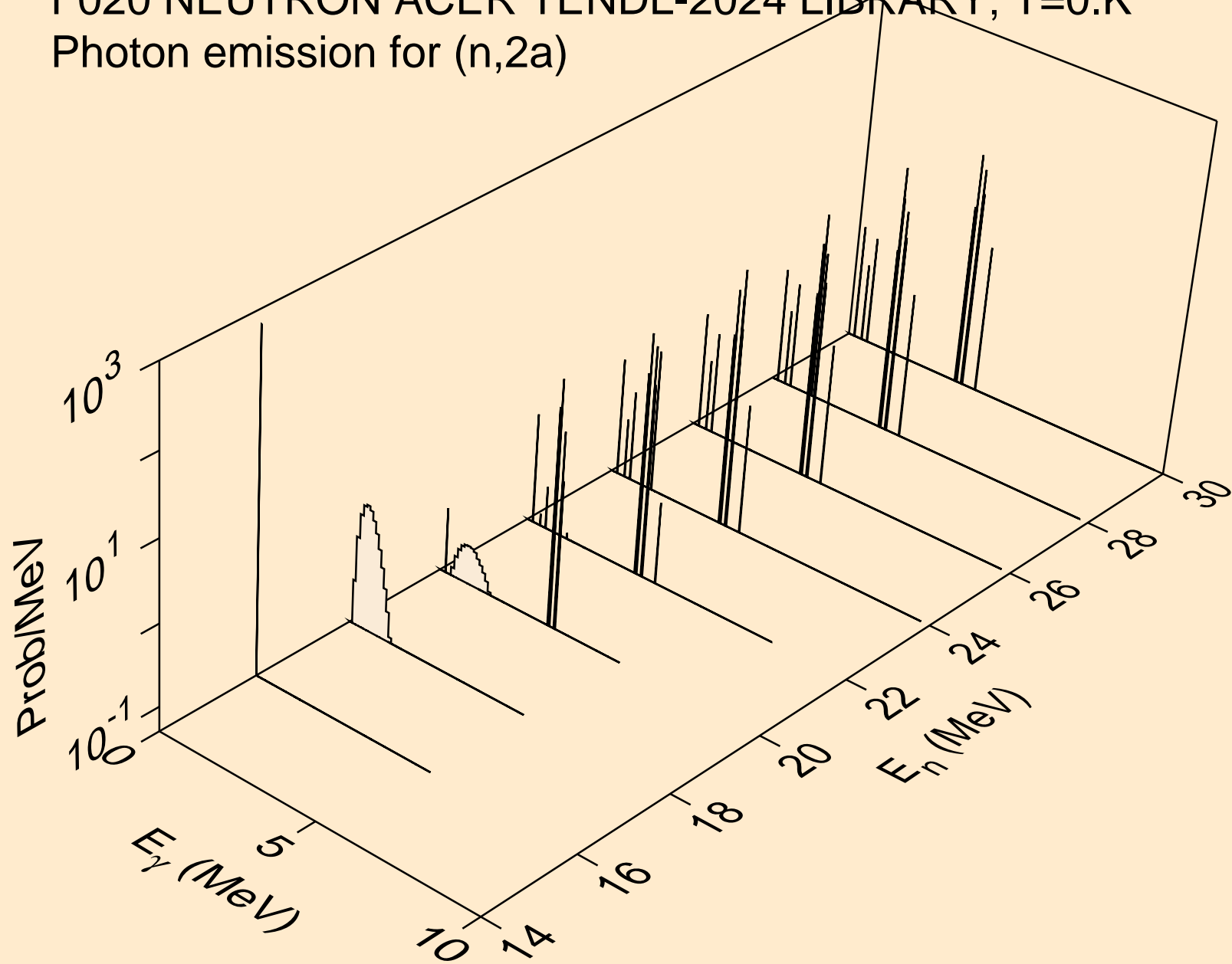
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Photon emission for (n,he3)



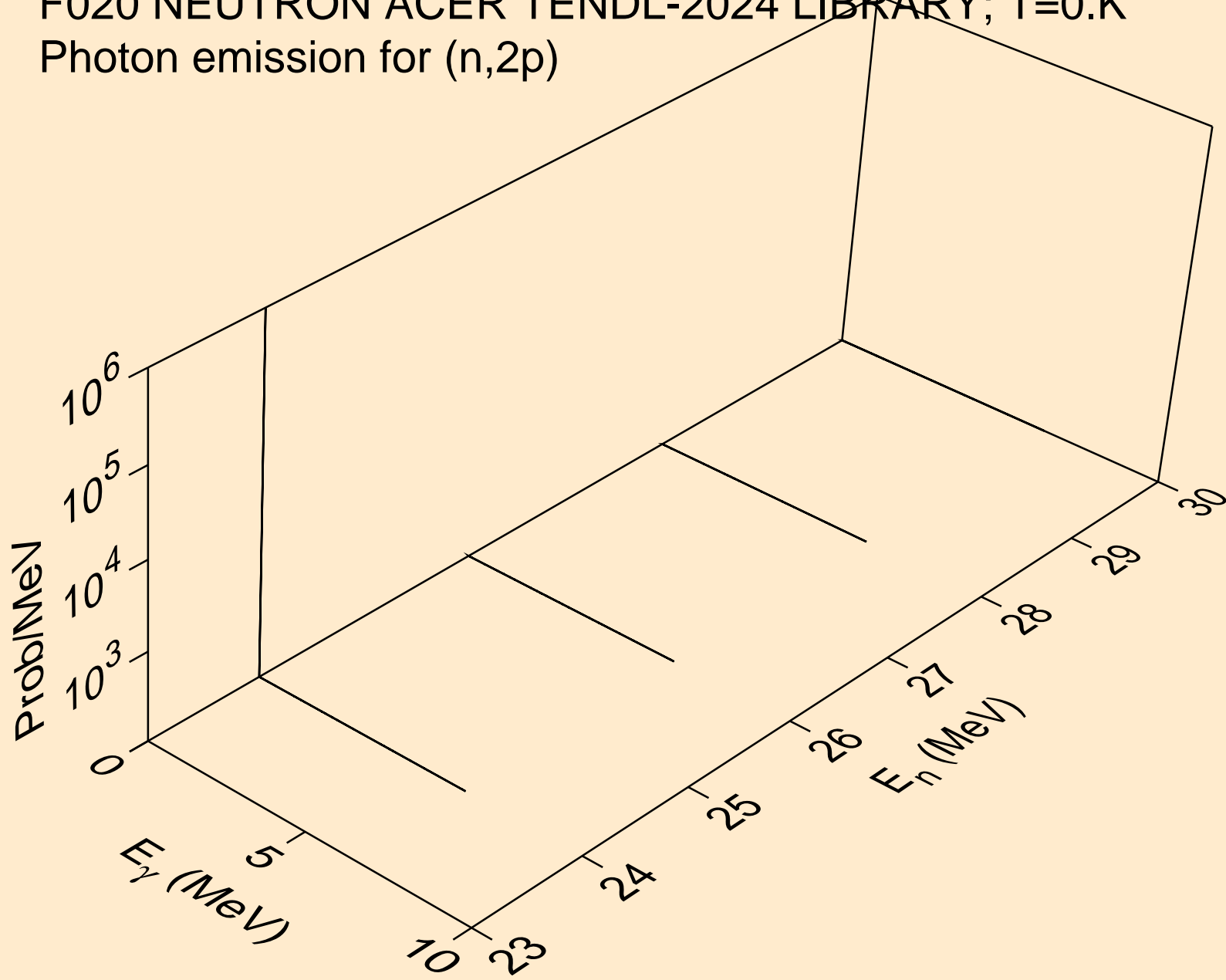
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Photon emission for (n,a)



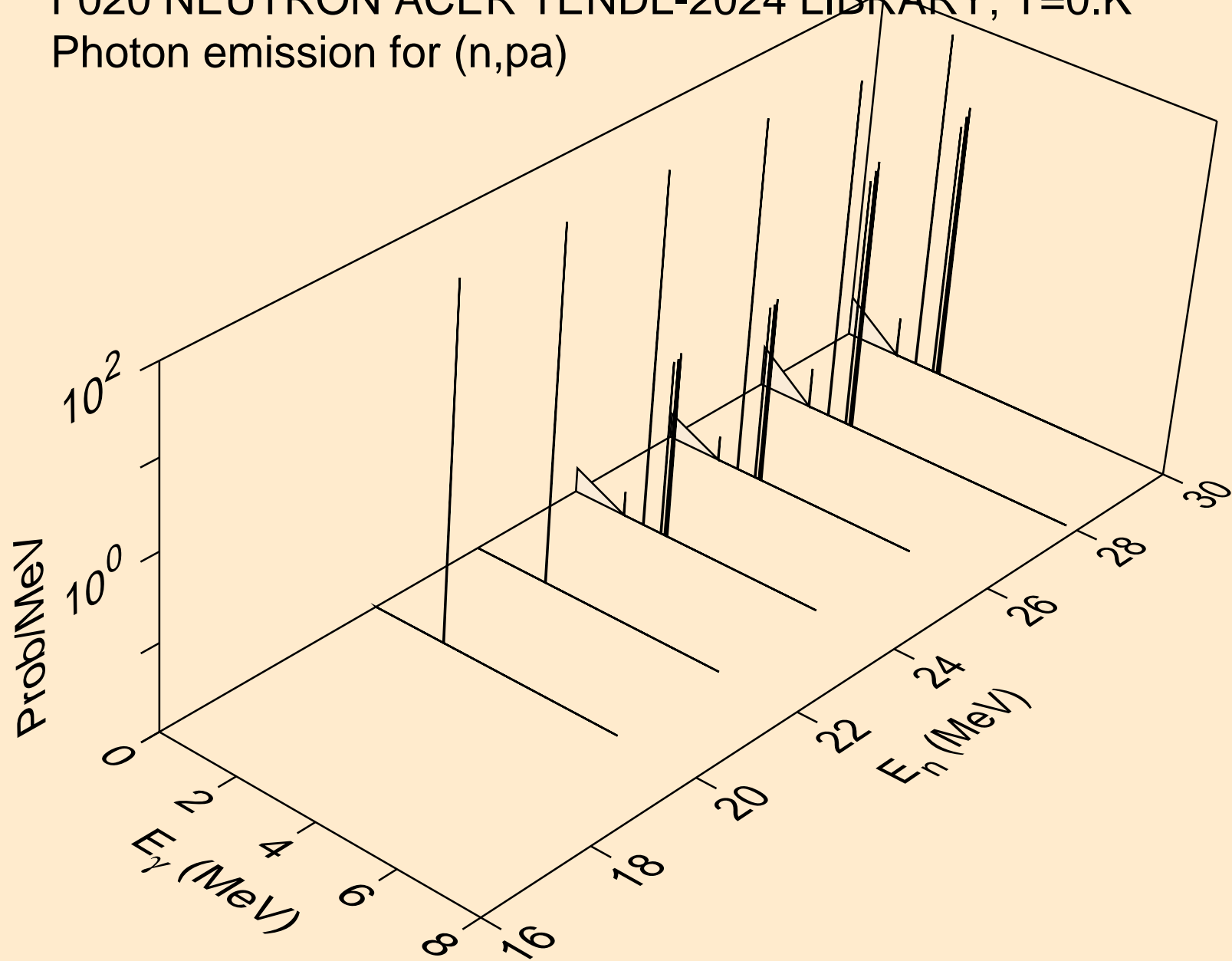
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Photon emission for (n,2a)



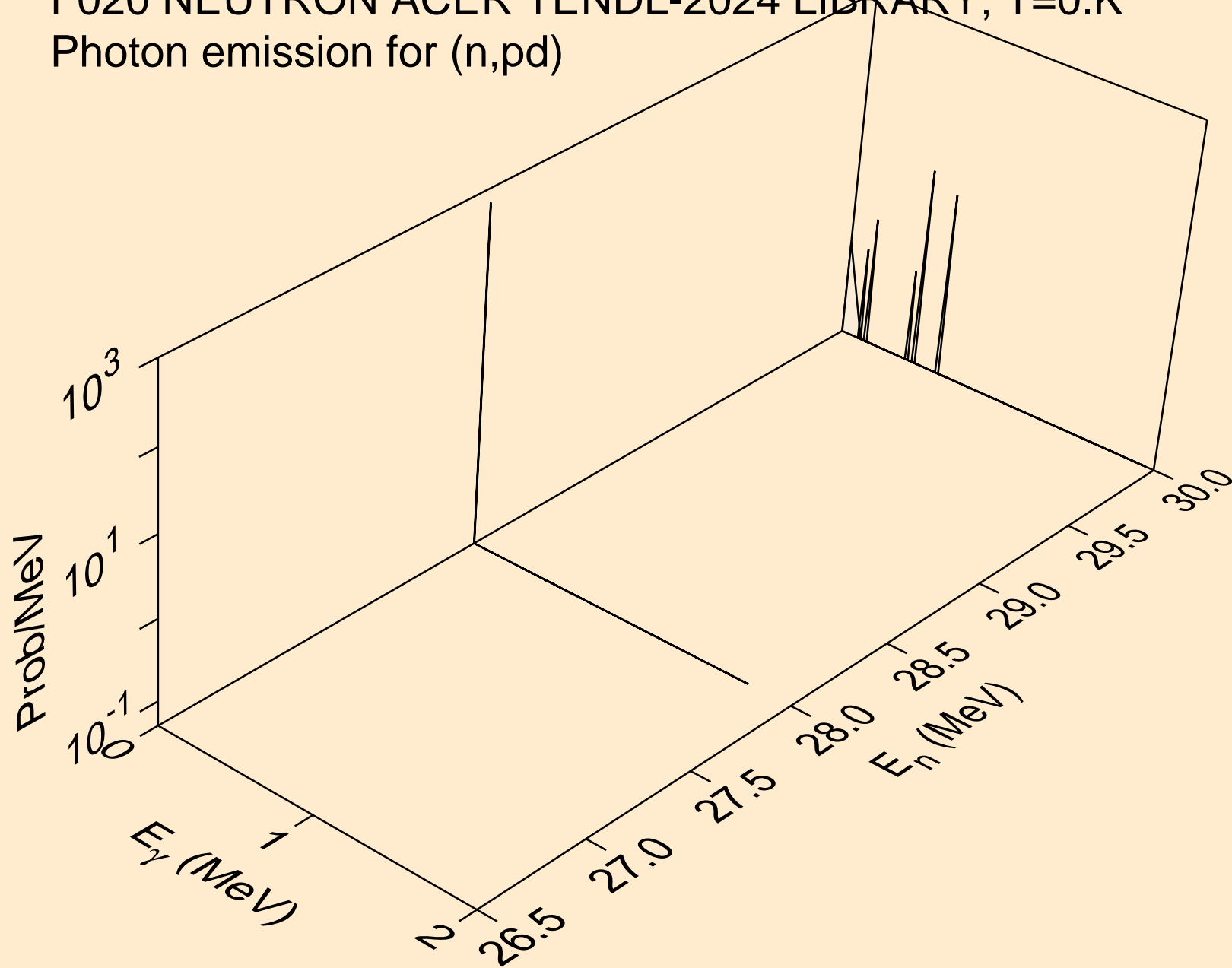
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Photon emission for (n,2p)



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)

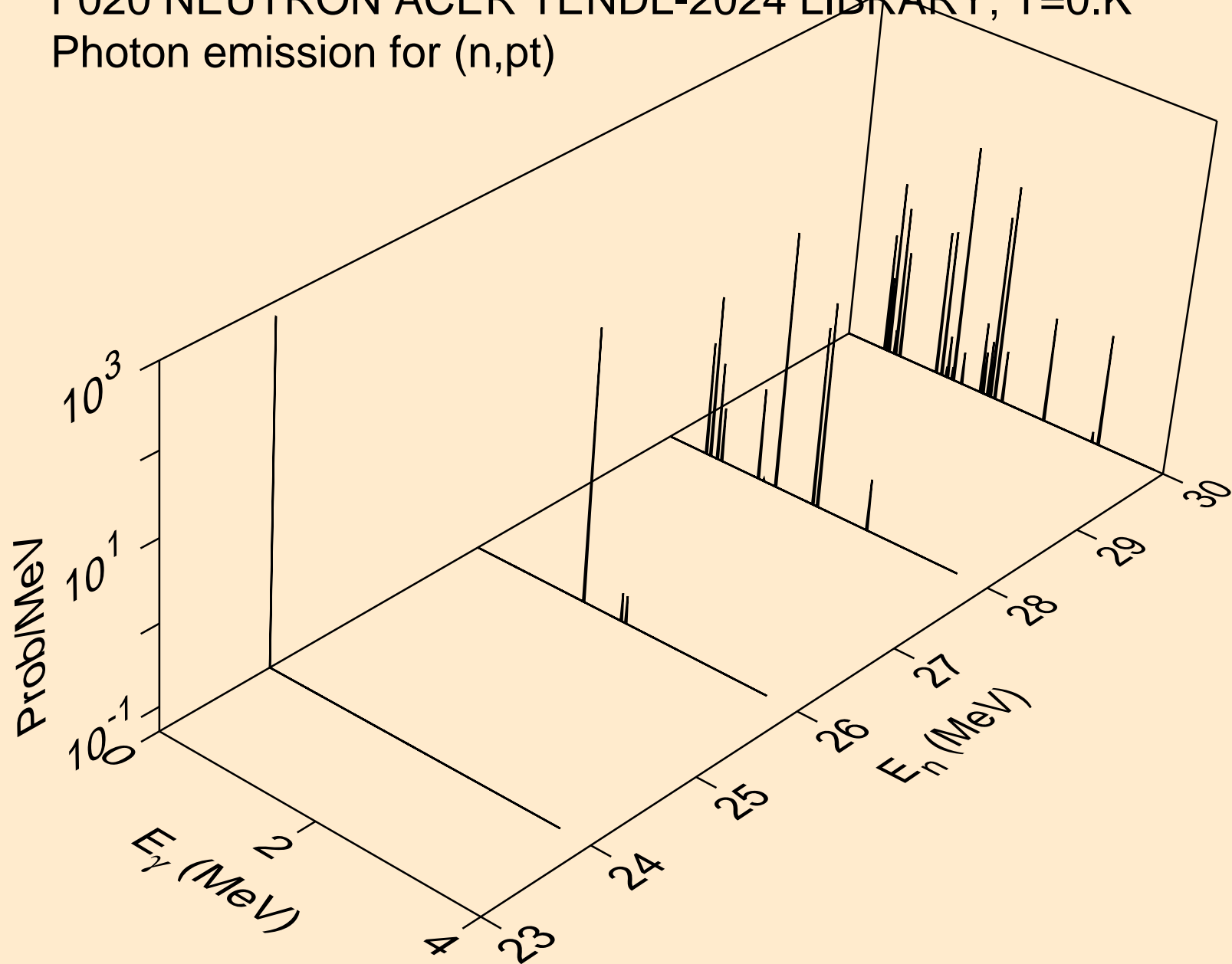


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Photon emission for (n,pd)

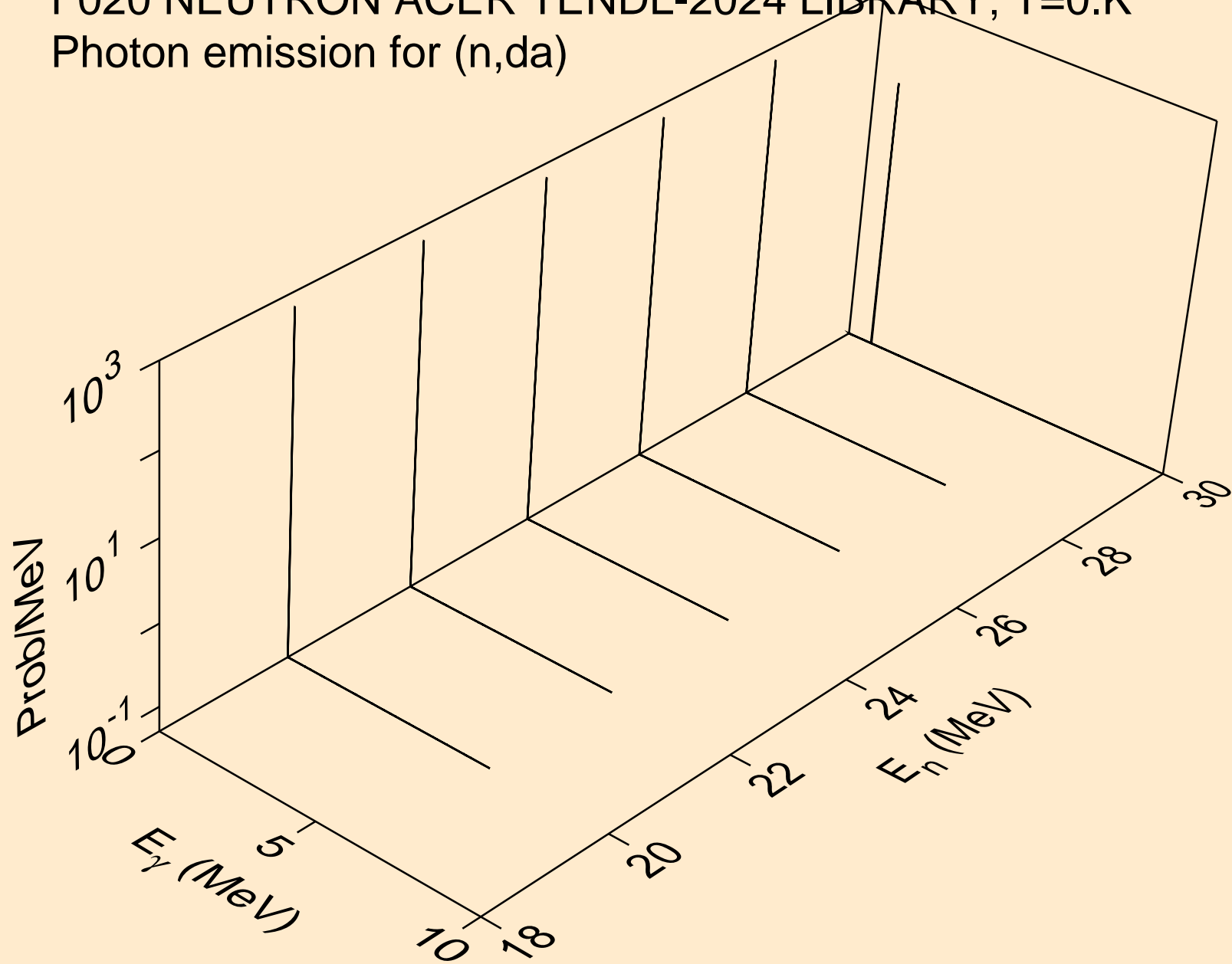




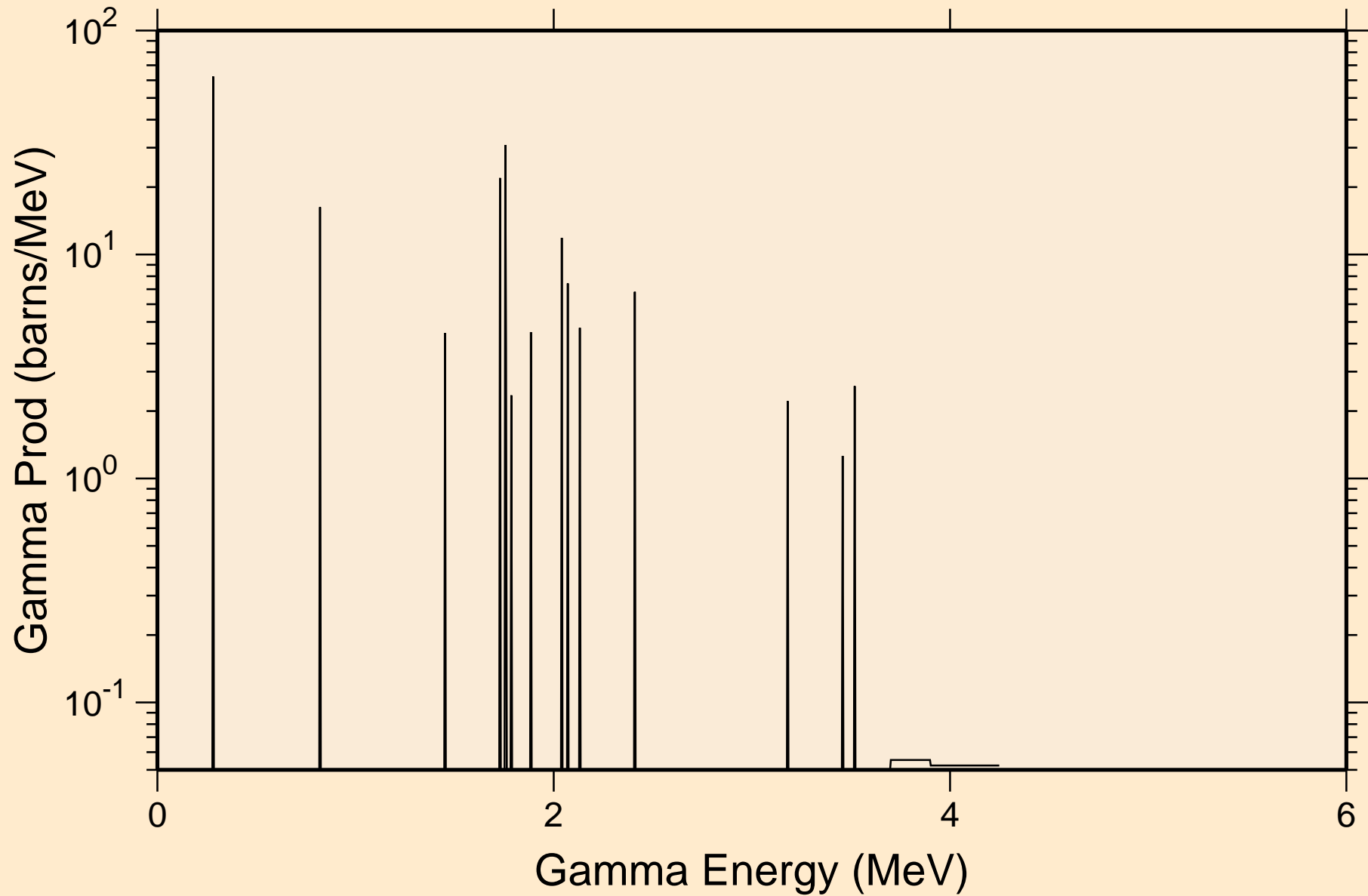
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Photon emission for (n,pt)



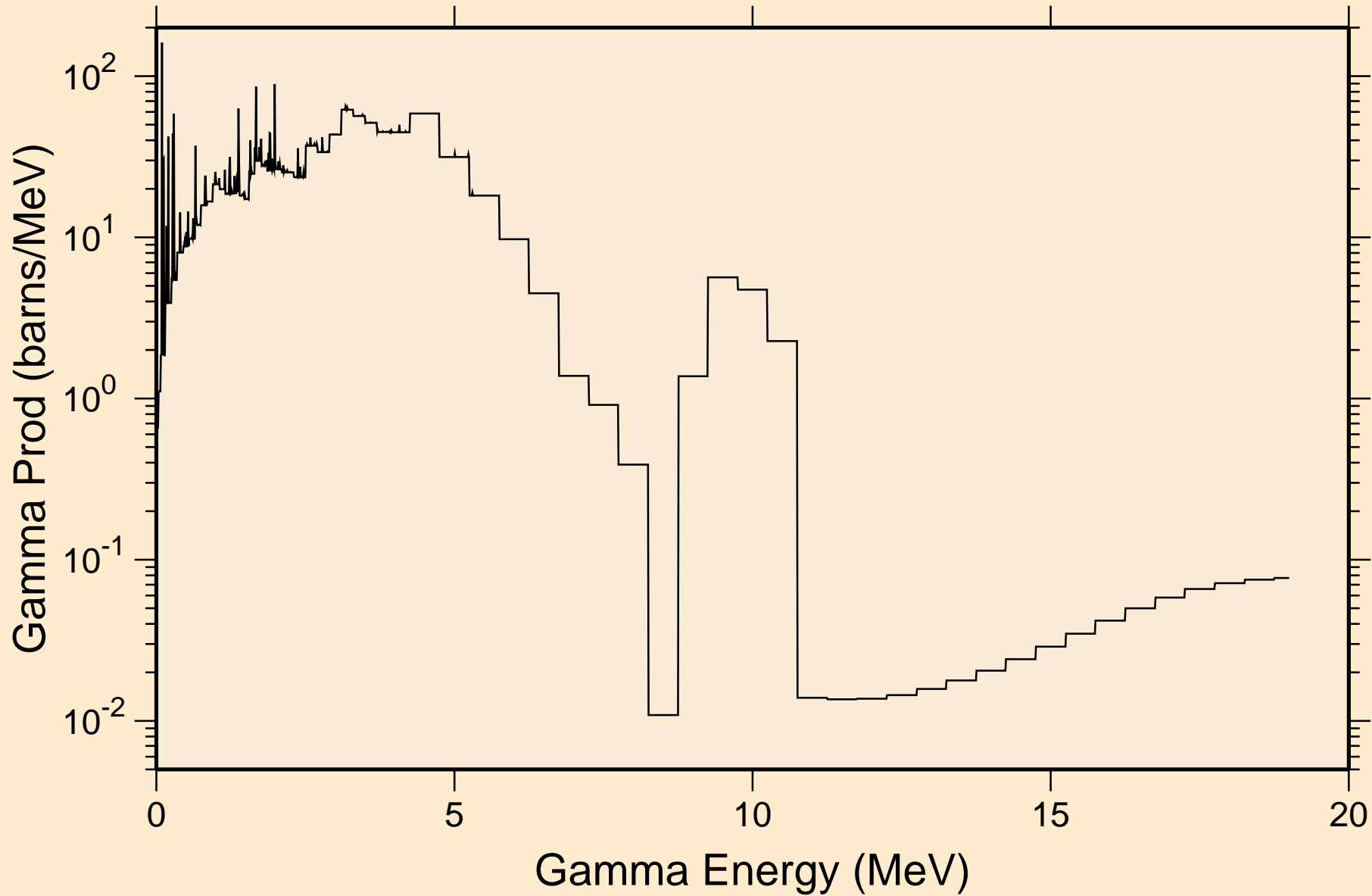
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Photon emission for (n,da)



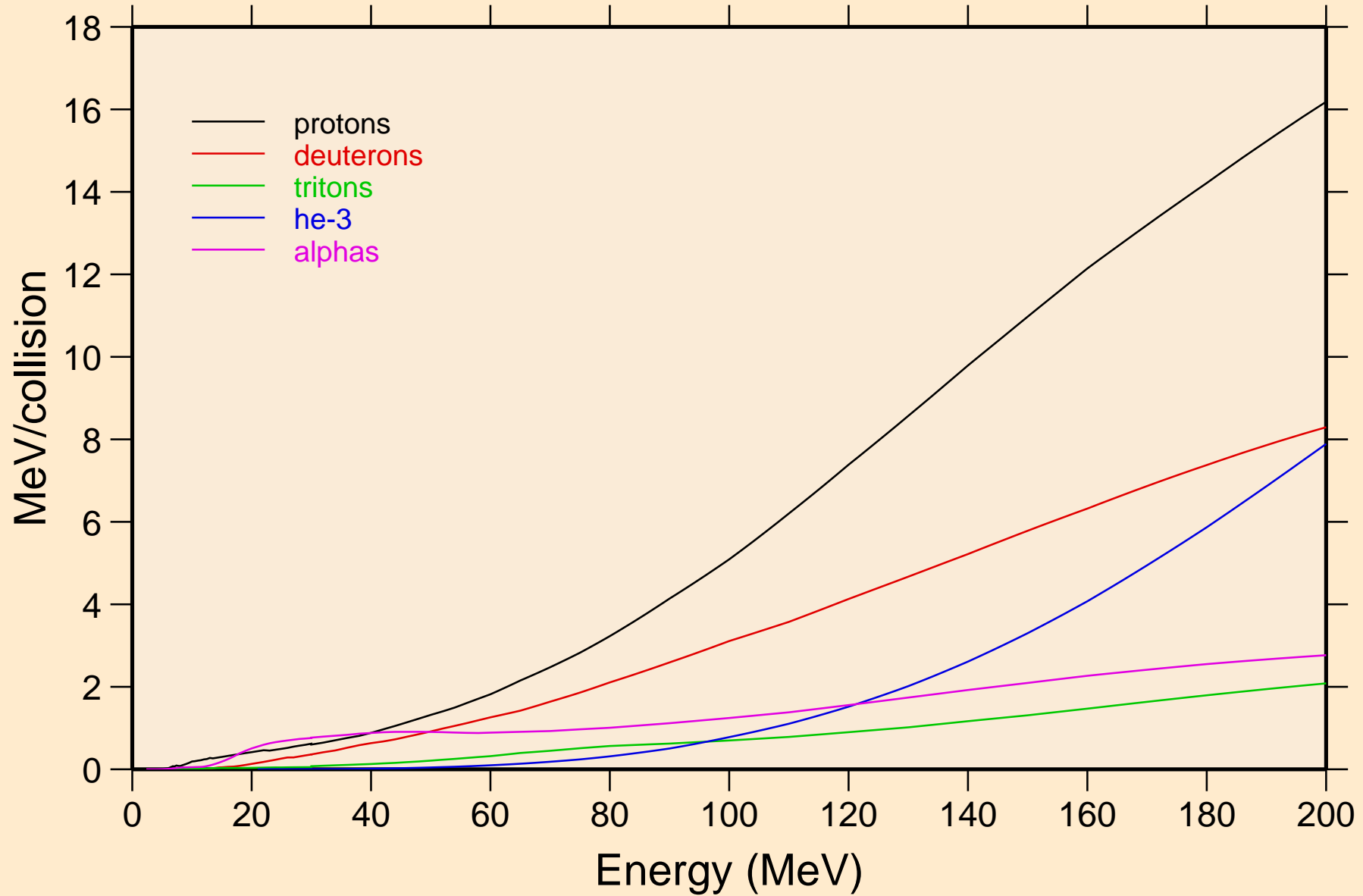
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thermal capture photon spectrum



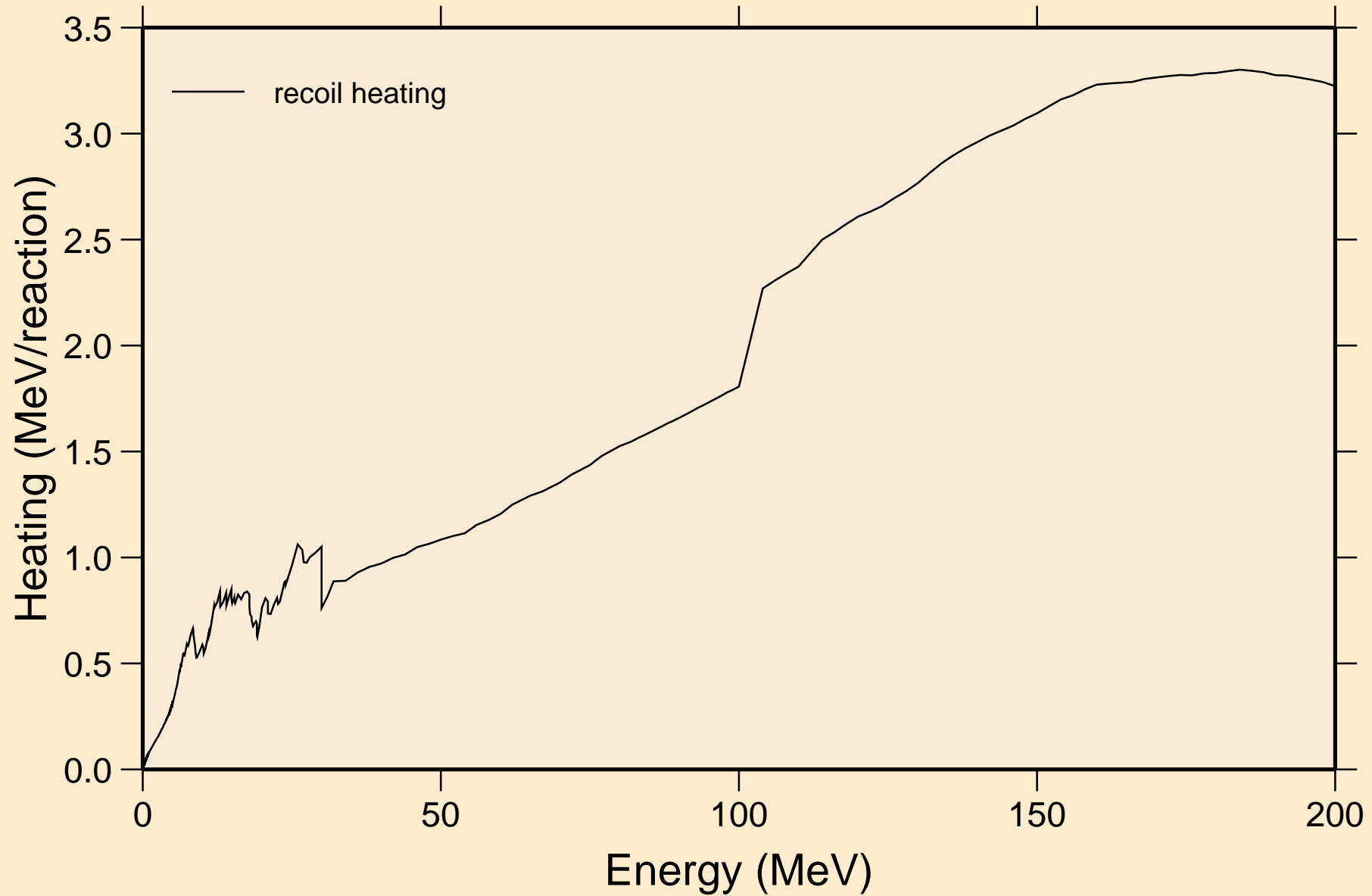
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions

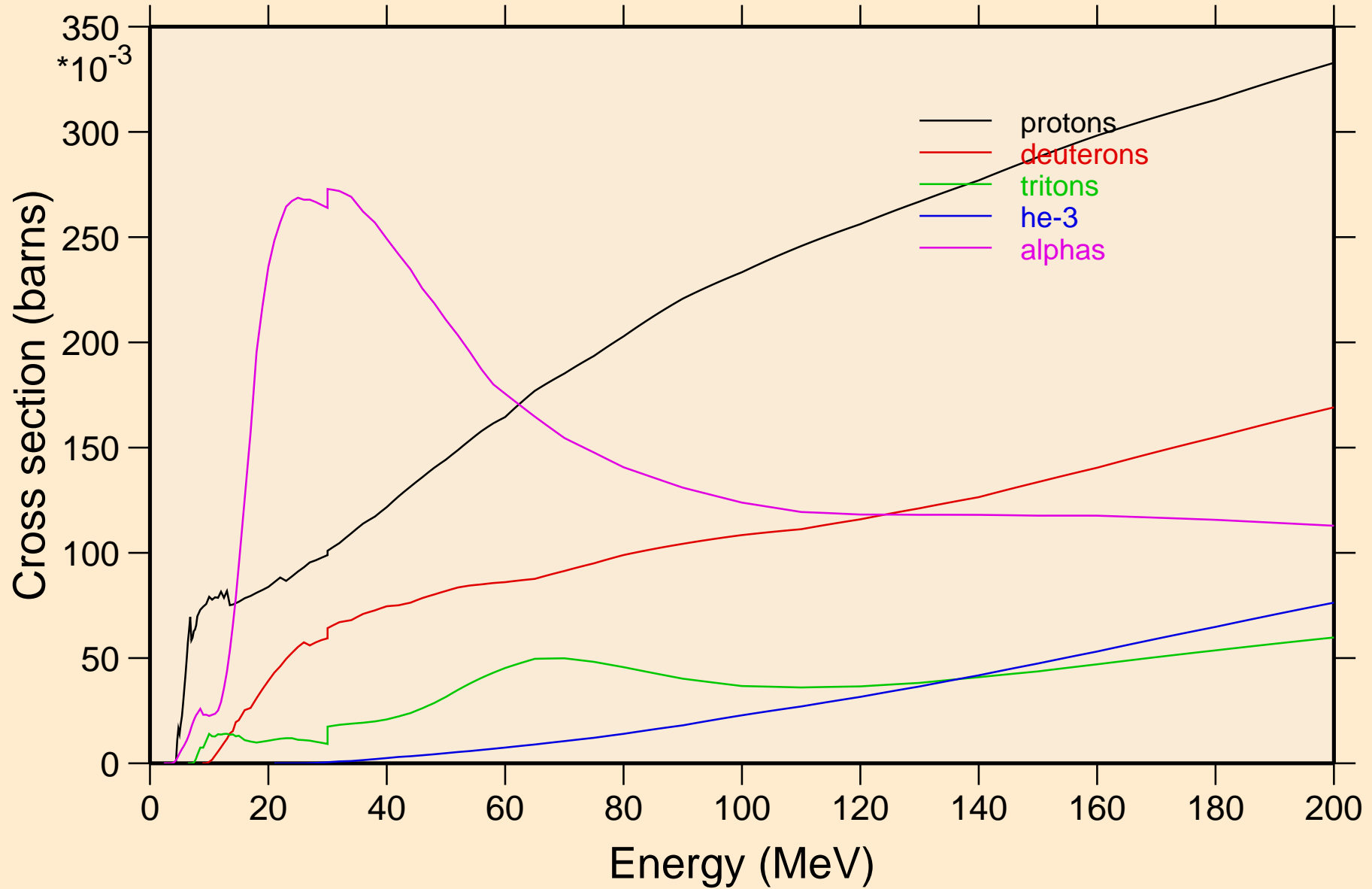


F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating

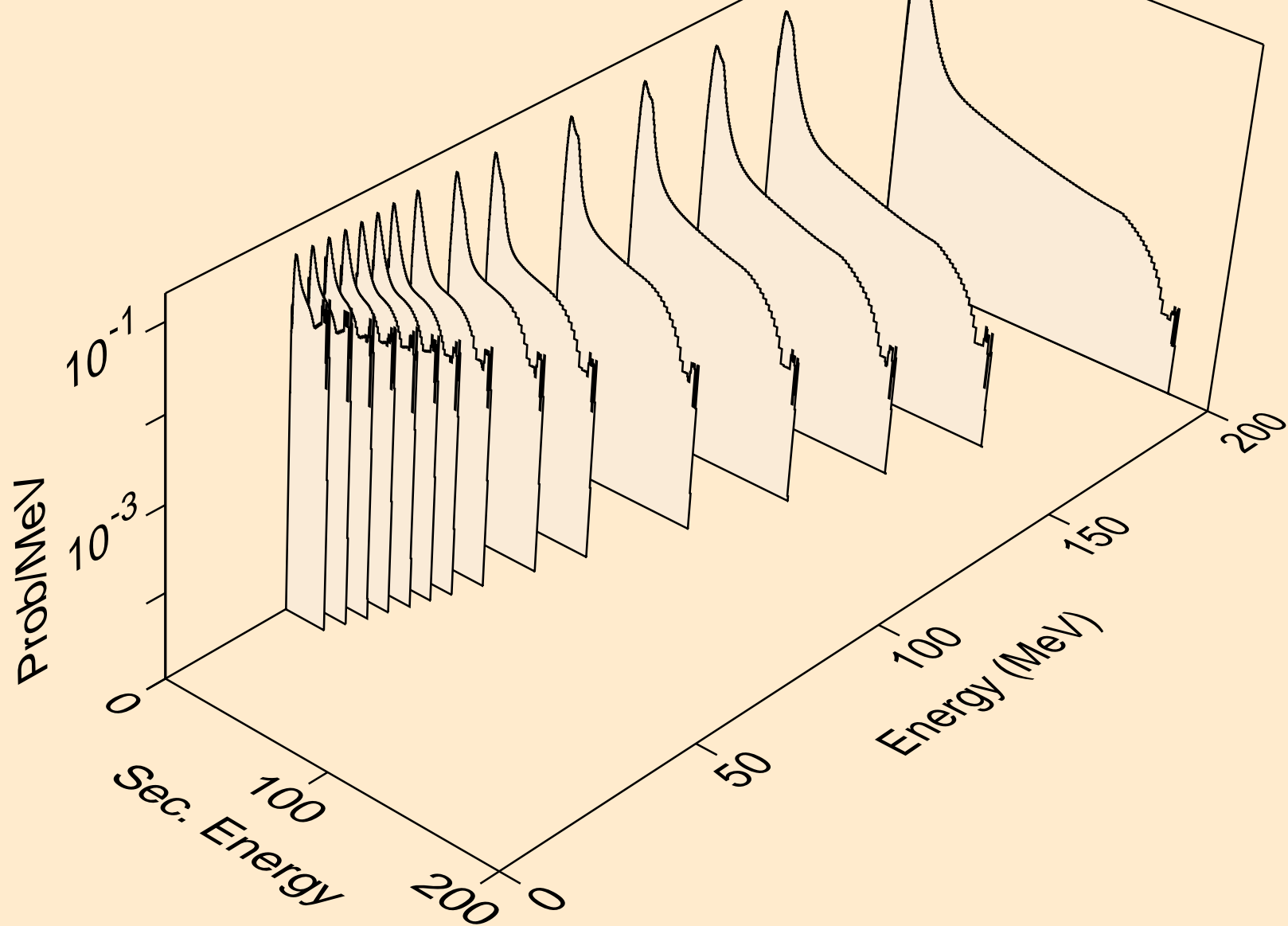


# F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle production cross sections

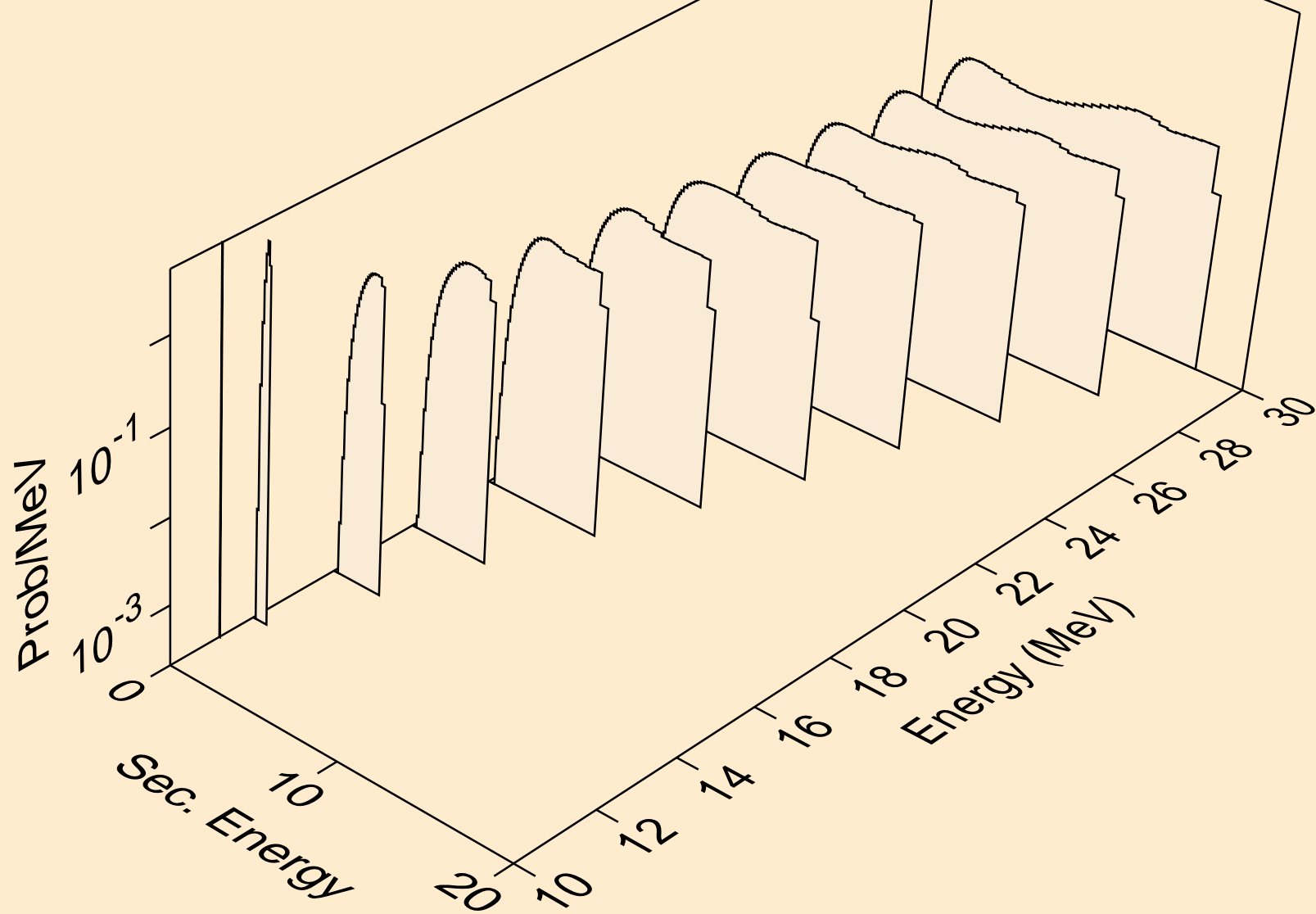


F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

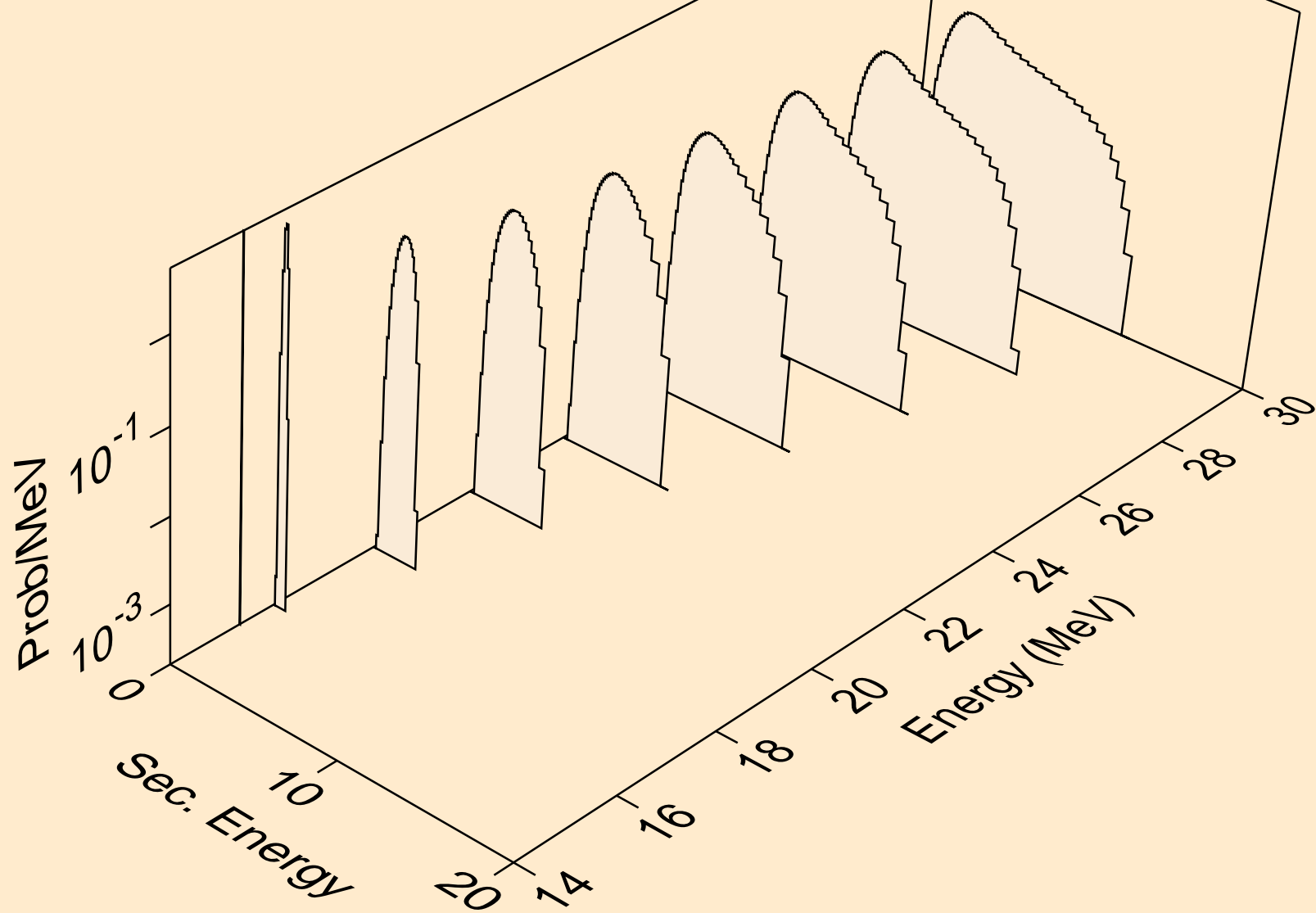




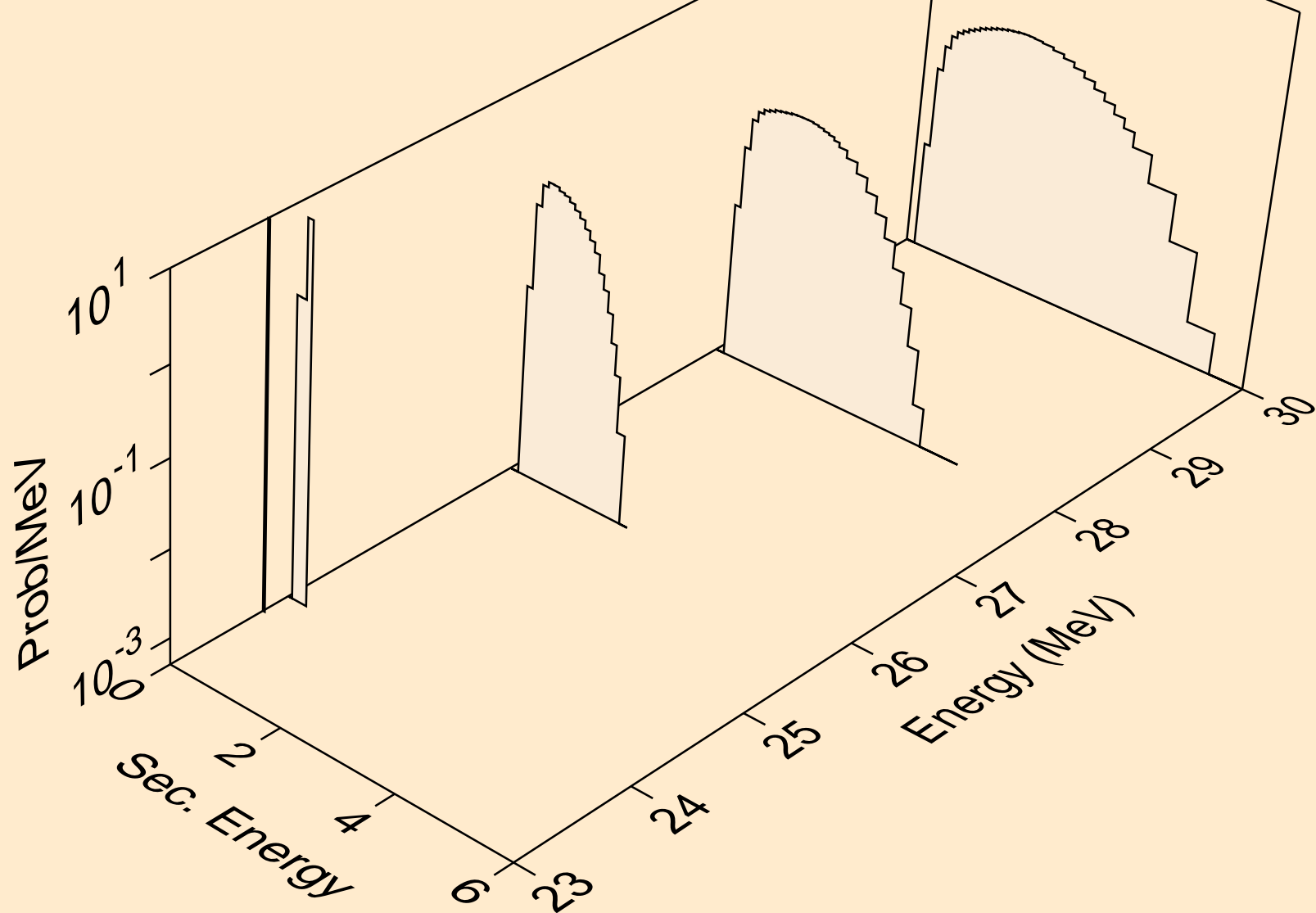
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



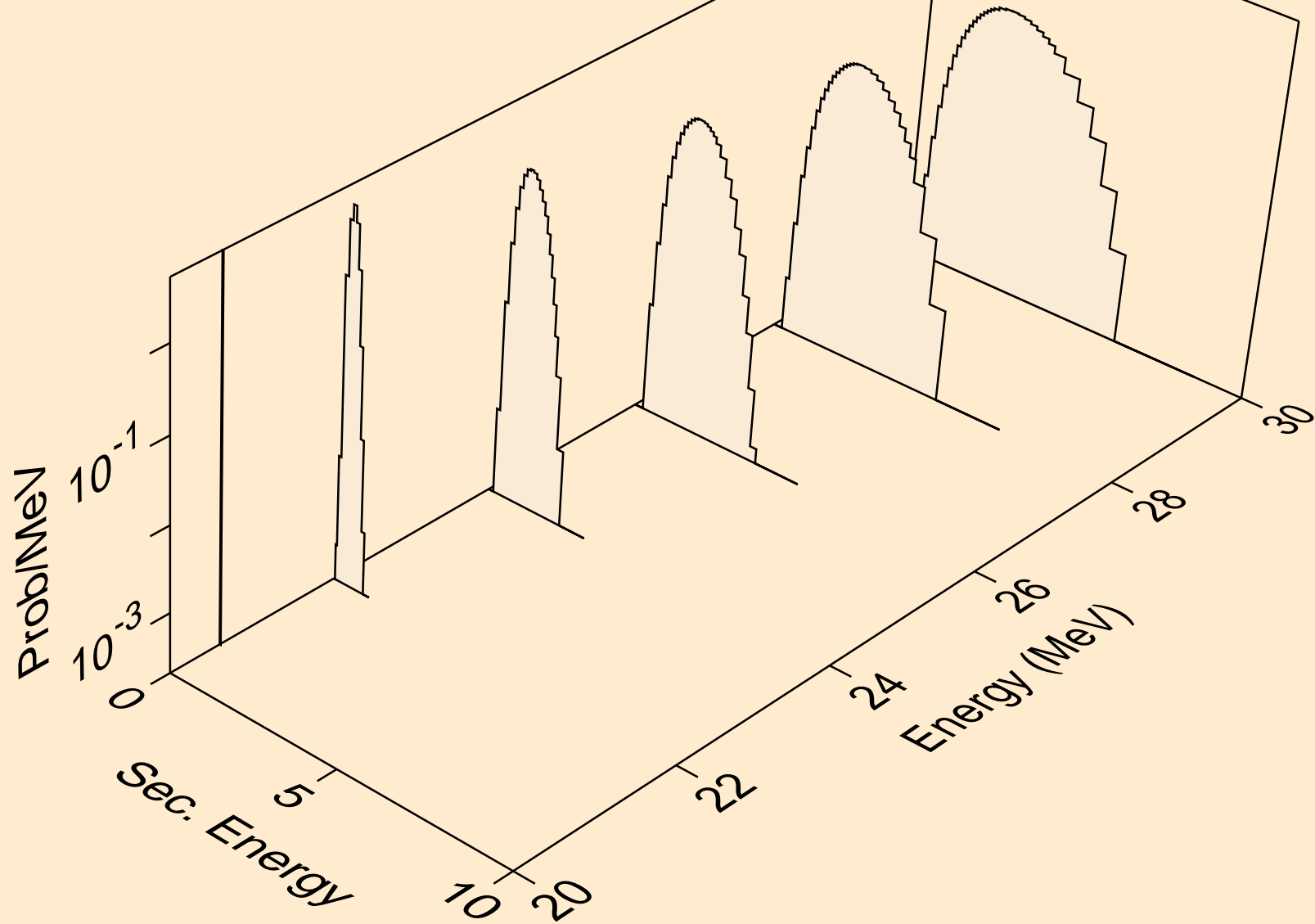
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protons from (n,2np)



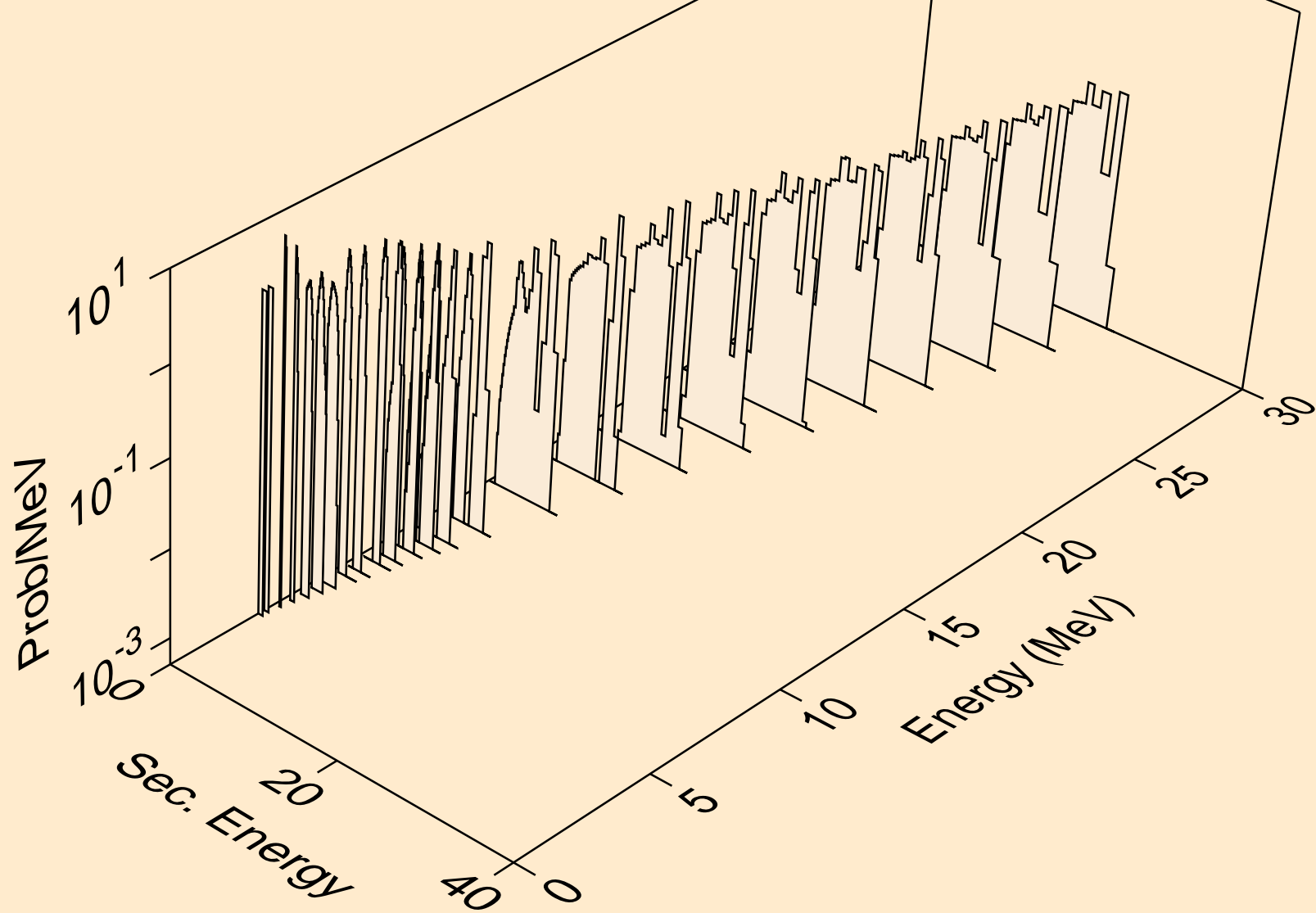
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protons from (n,3np)



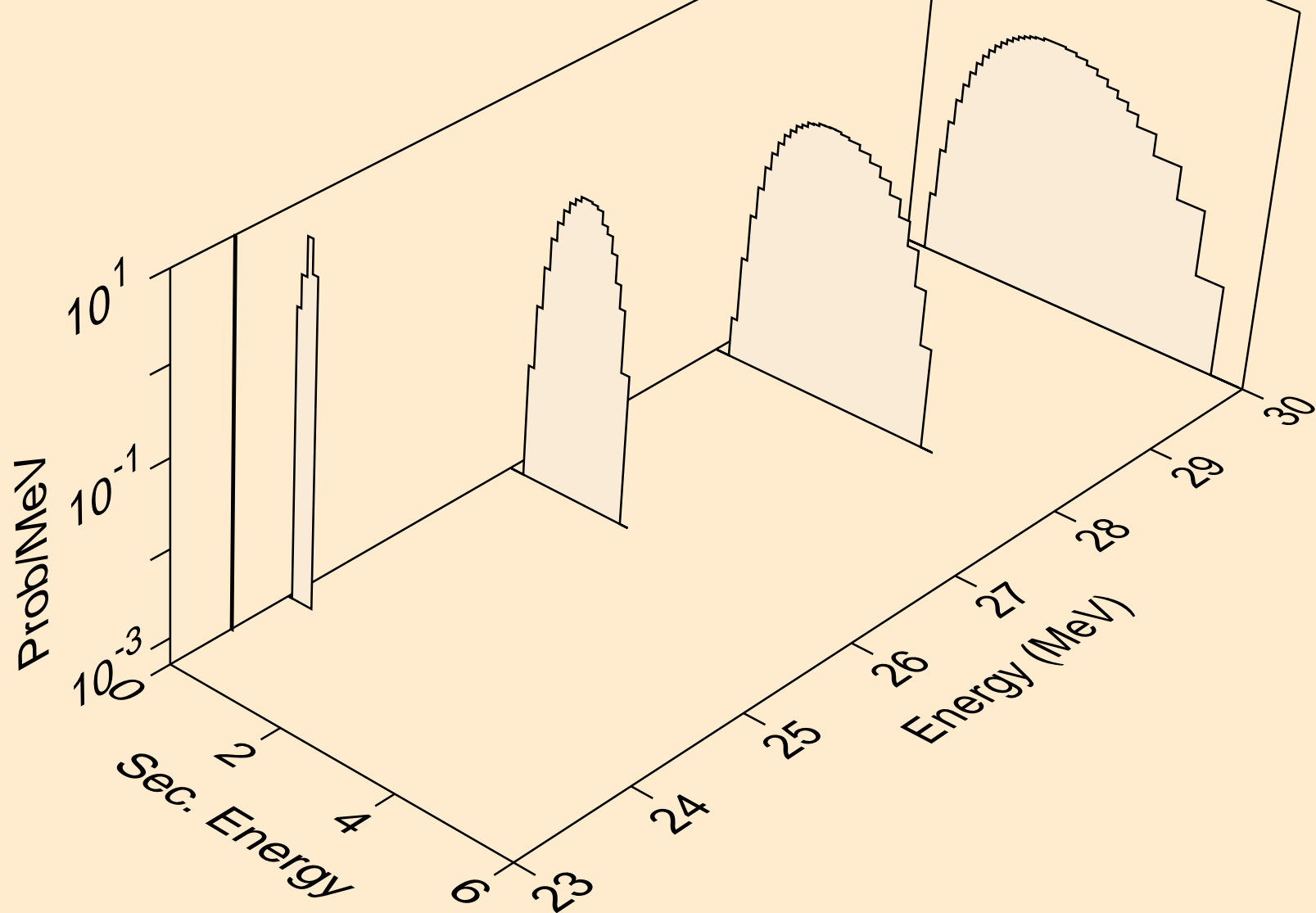
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protons from (n,npa)



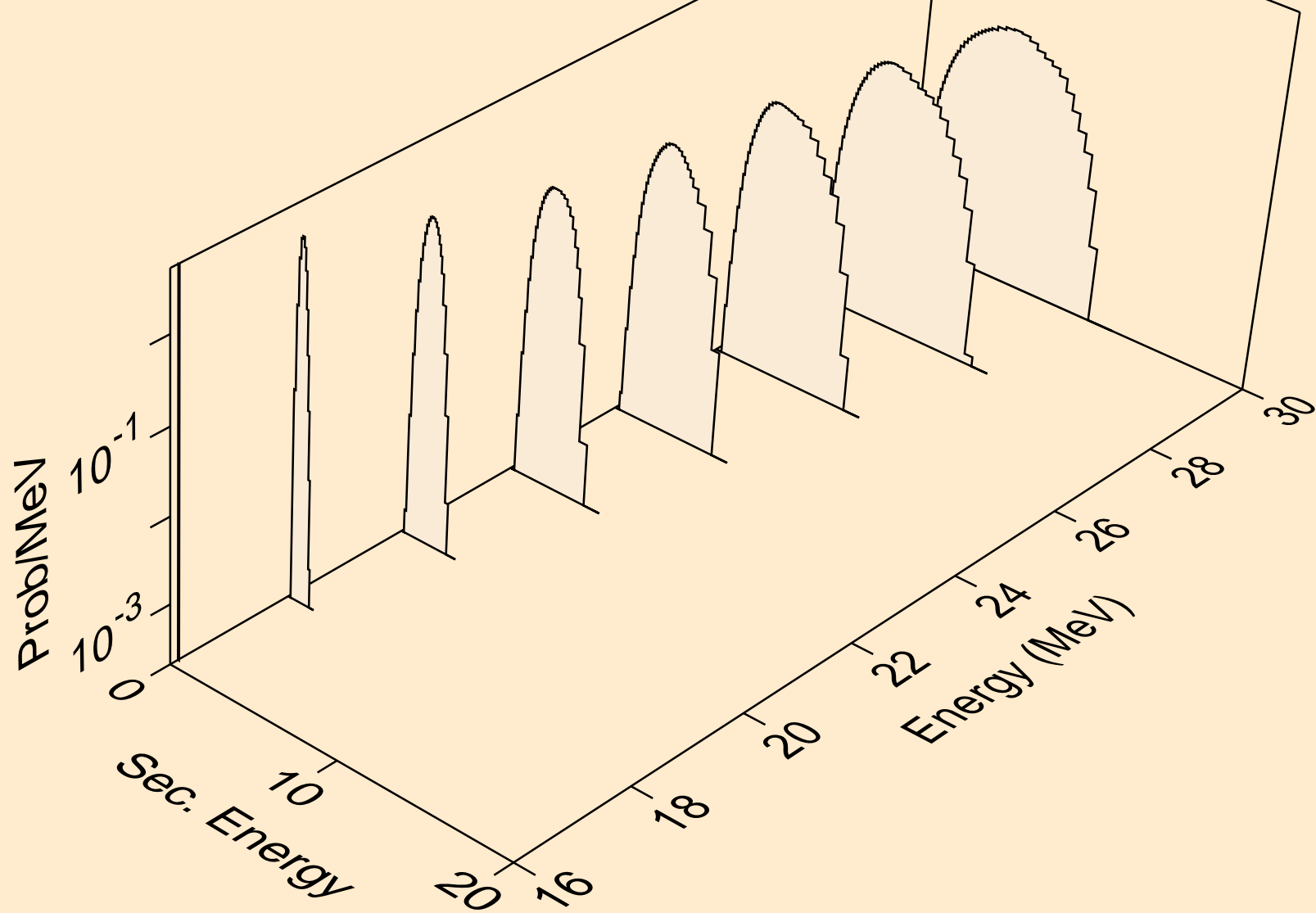
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protons from (n,p)



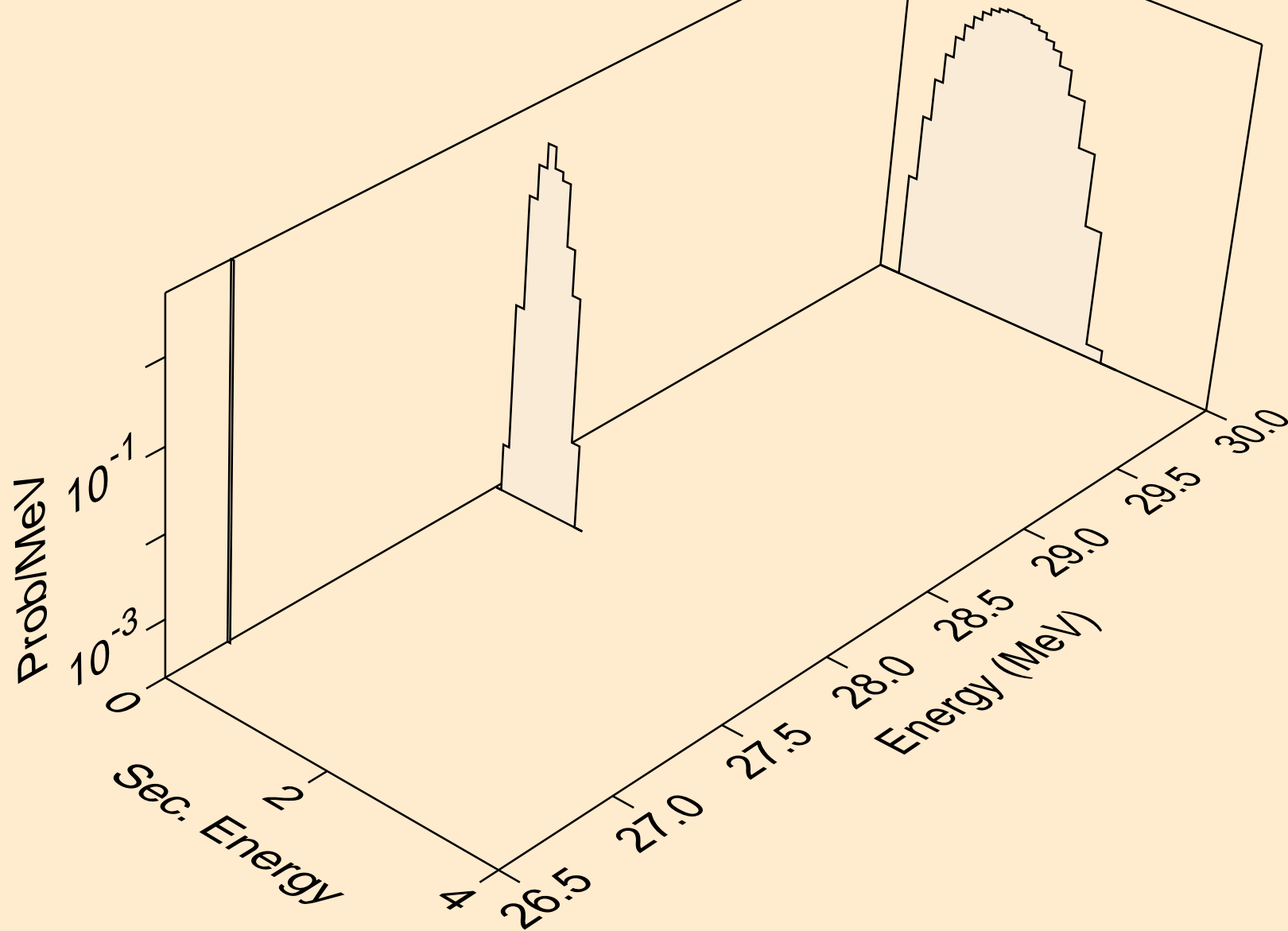
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protons from (n,2p)



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

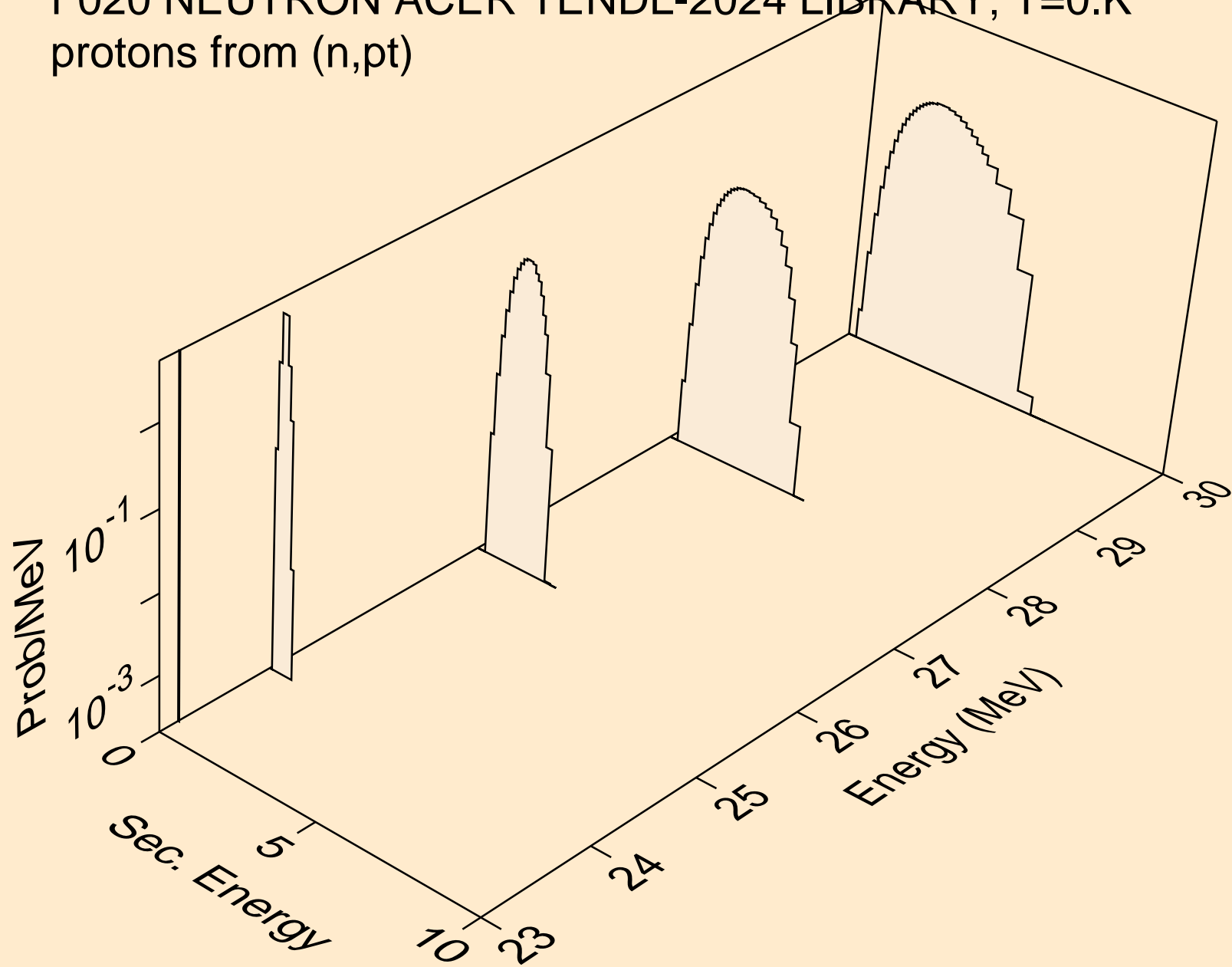


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protons from (n,pd)

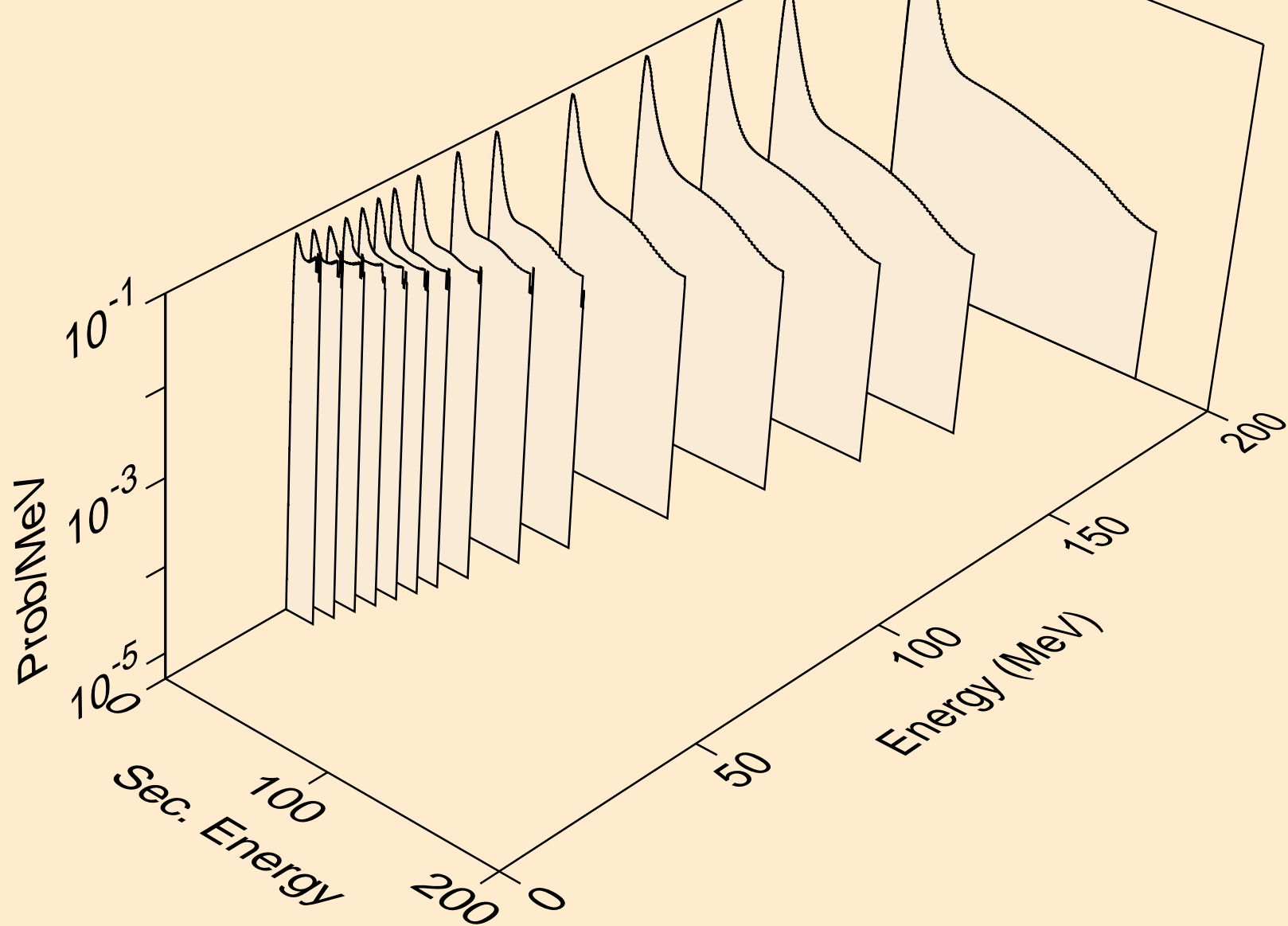




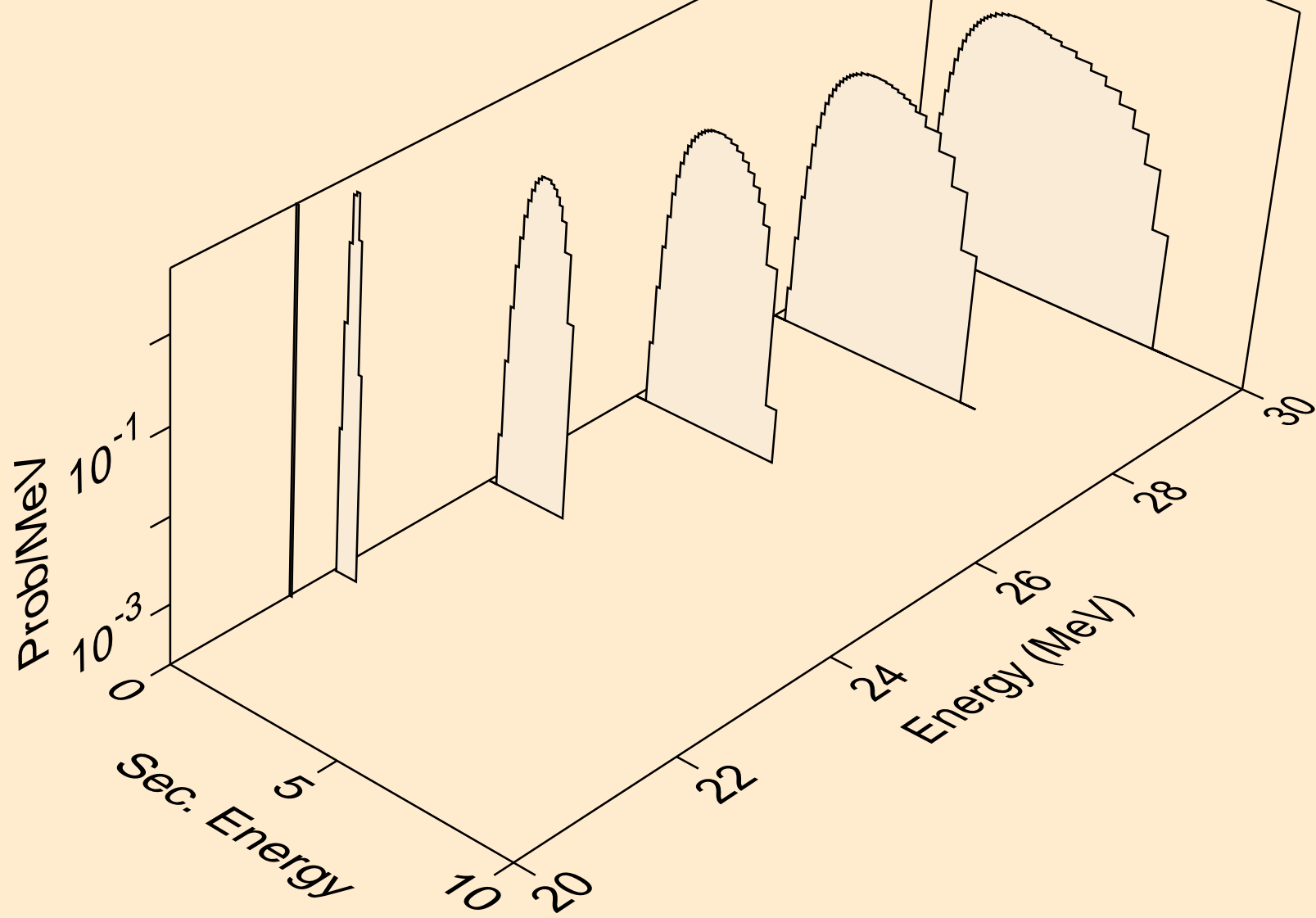
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protons from (n,pt)



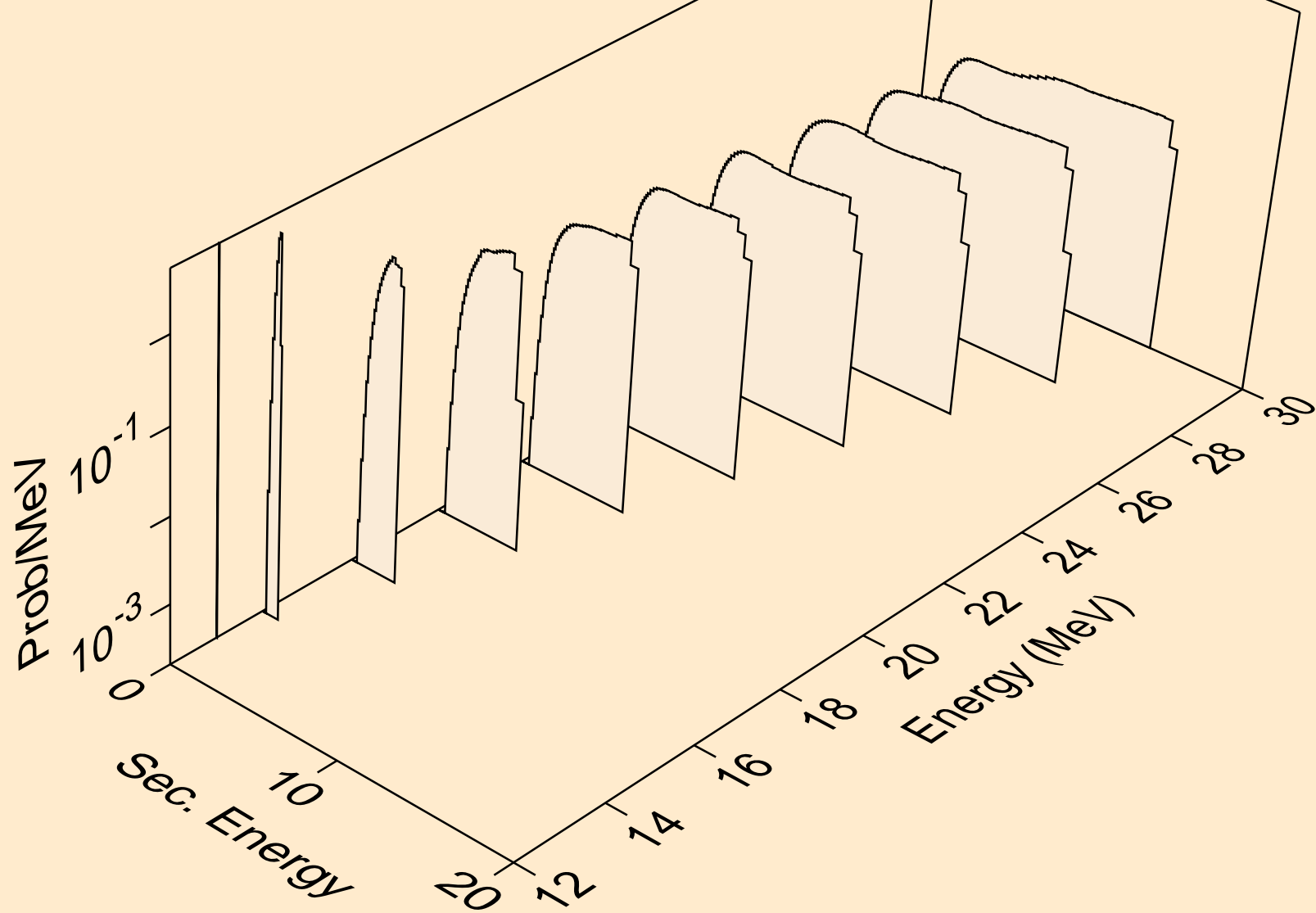
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deuterons from (n,x)



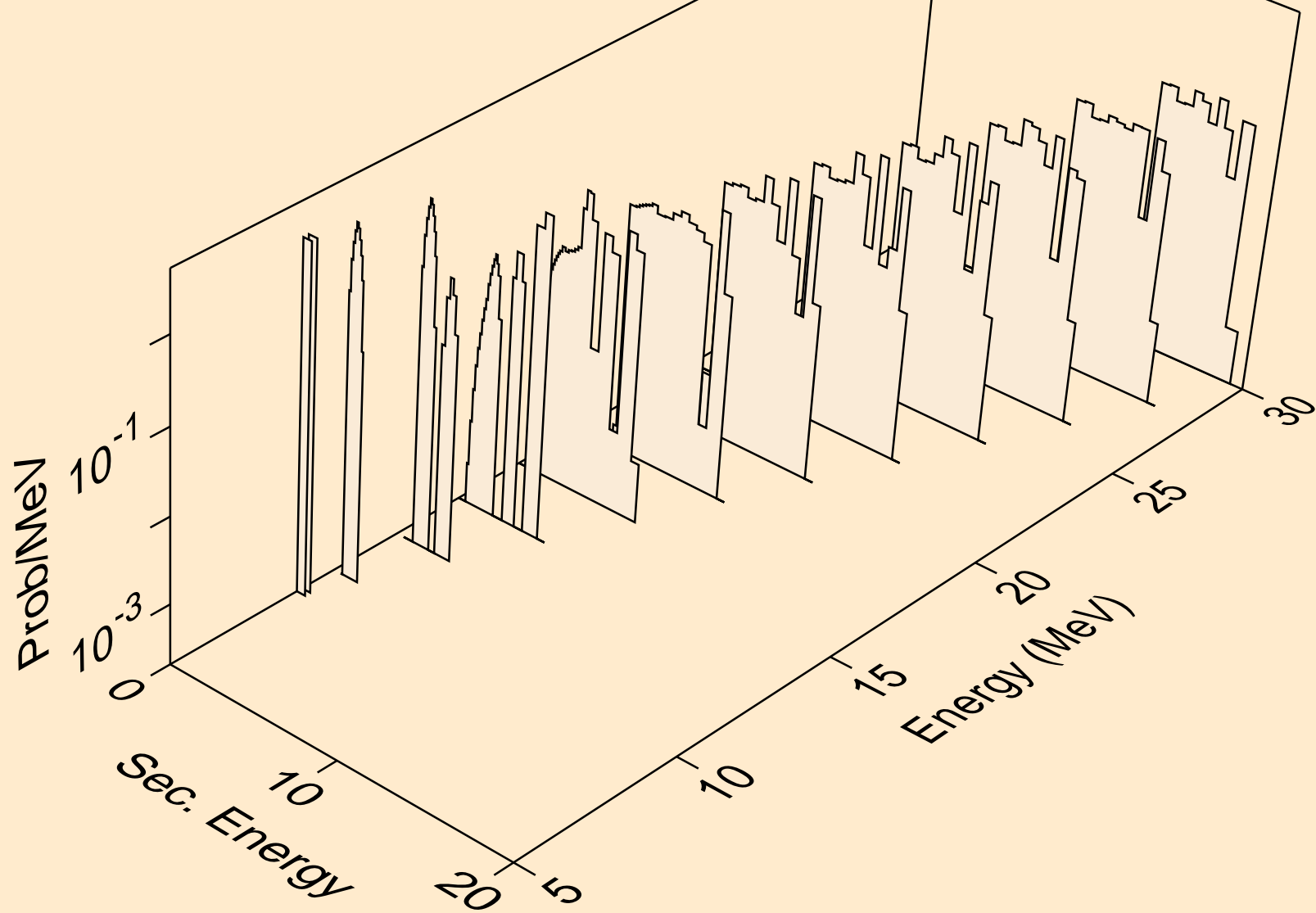
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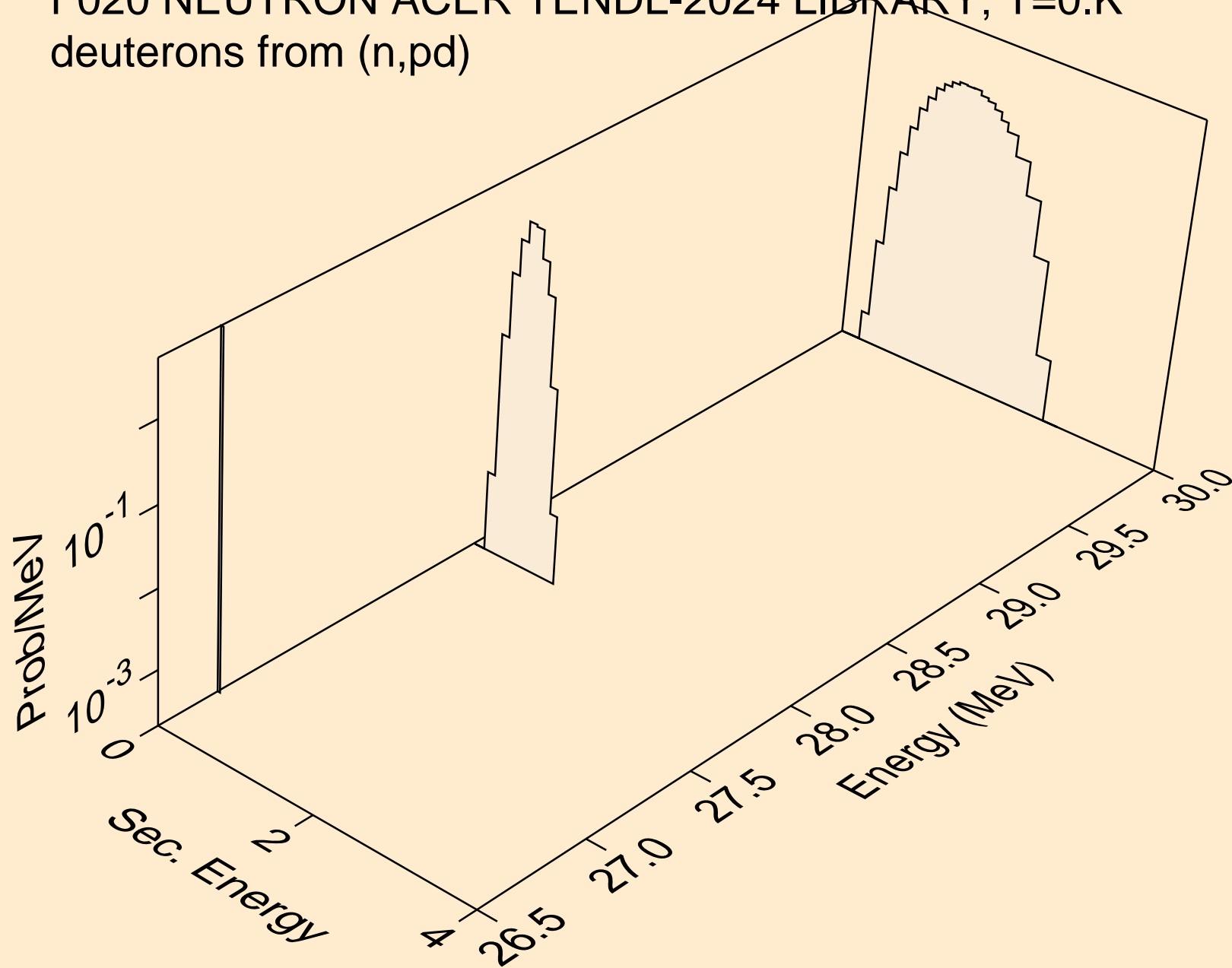
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deuterons from (n,n\*)d



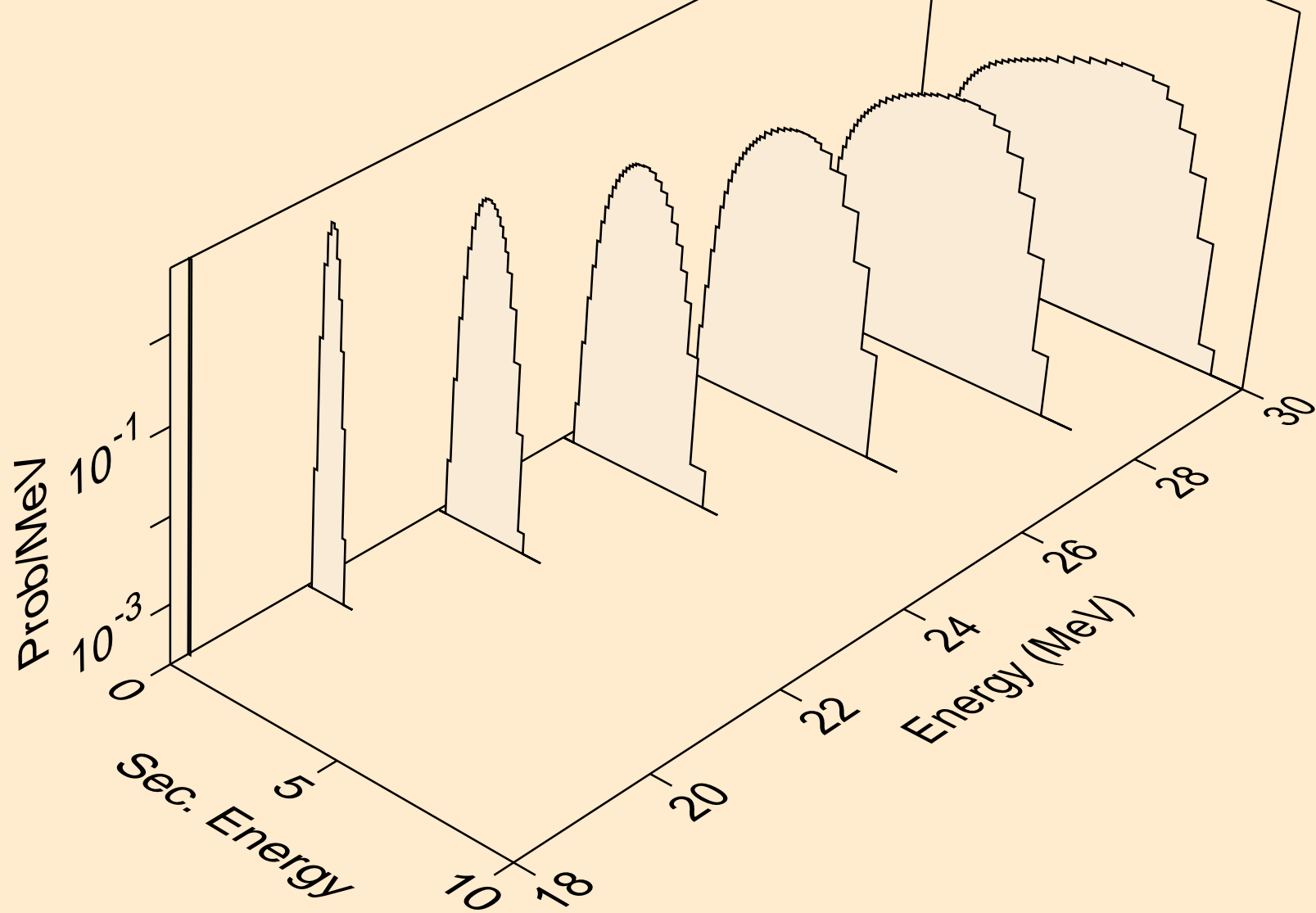
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deuterons from (n,d)



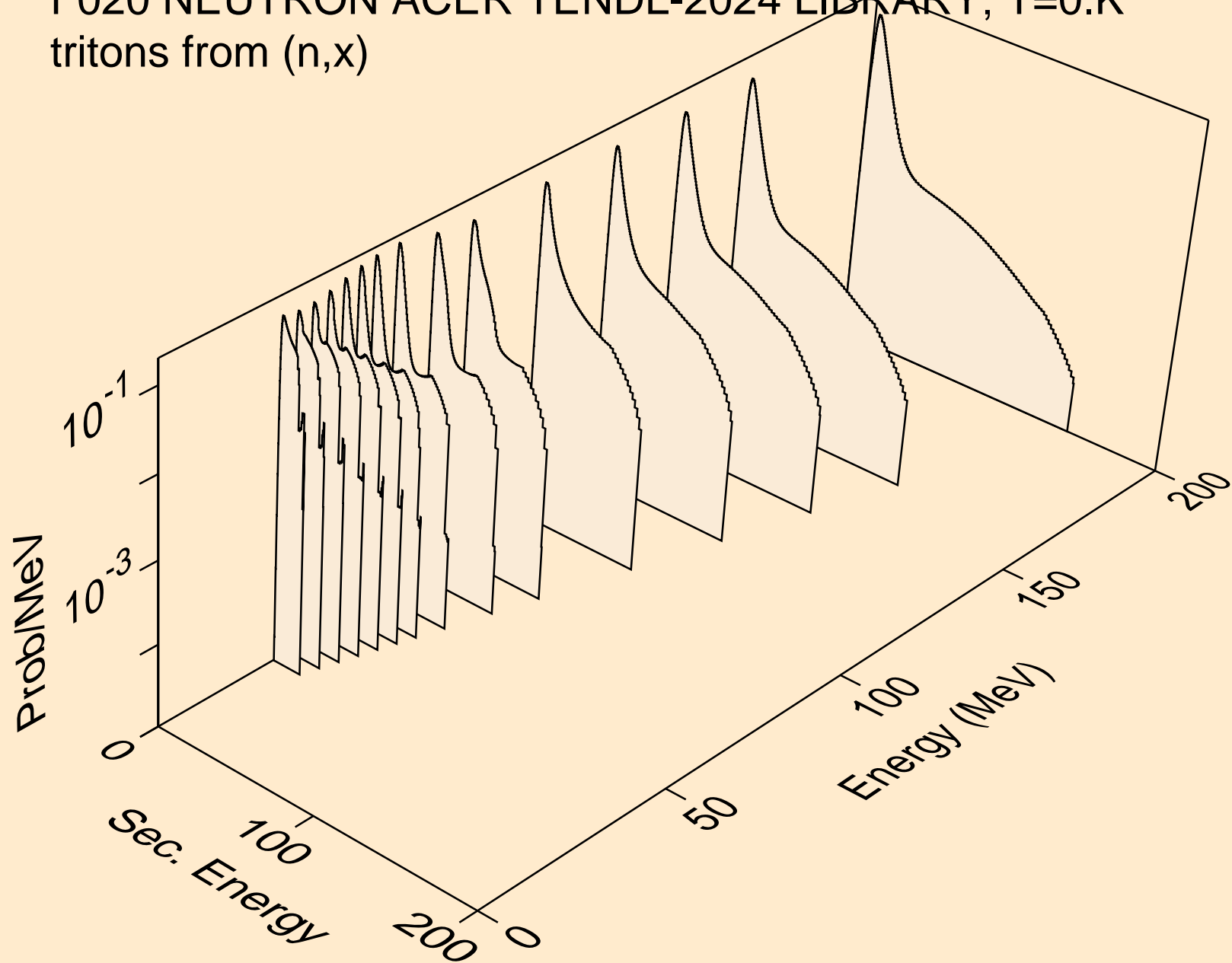
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deuterons from (n,pd)



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

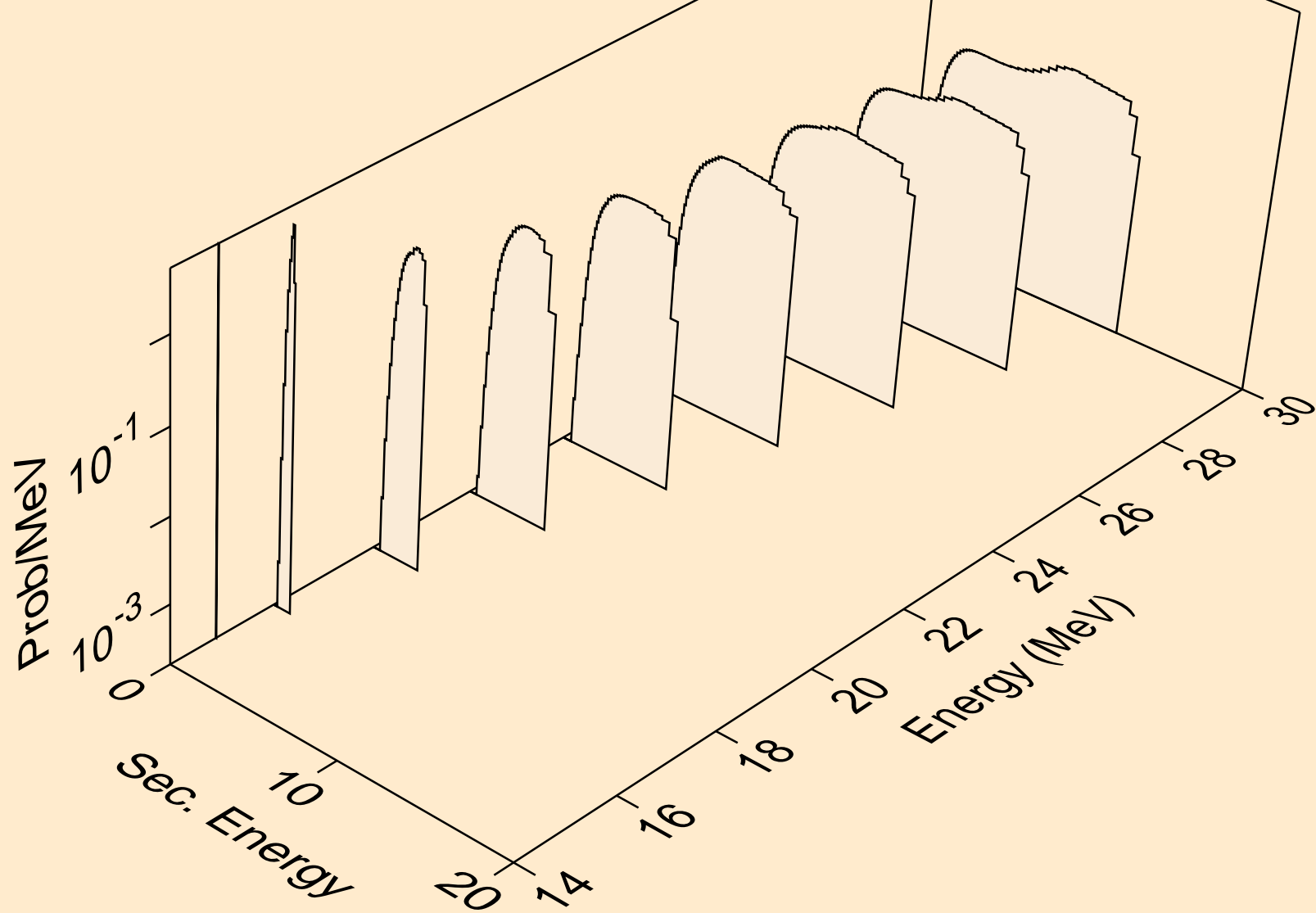


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tritons from (n,x)

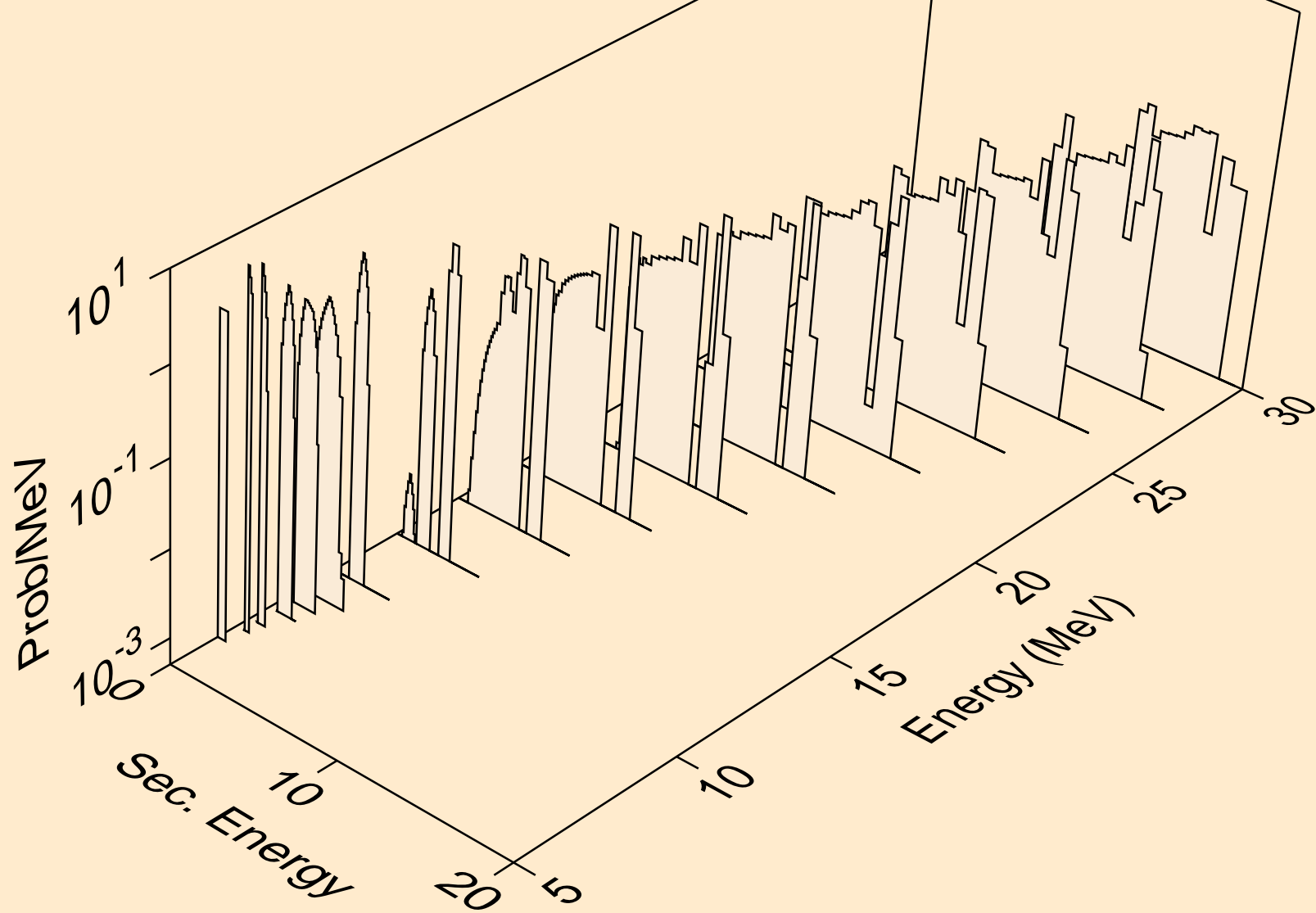




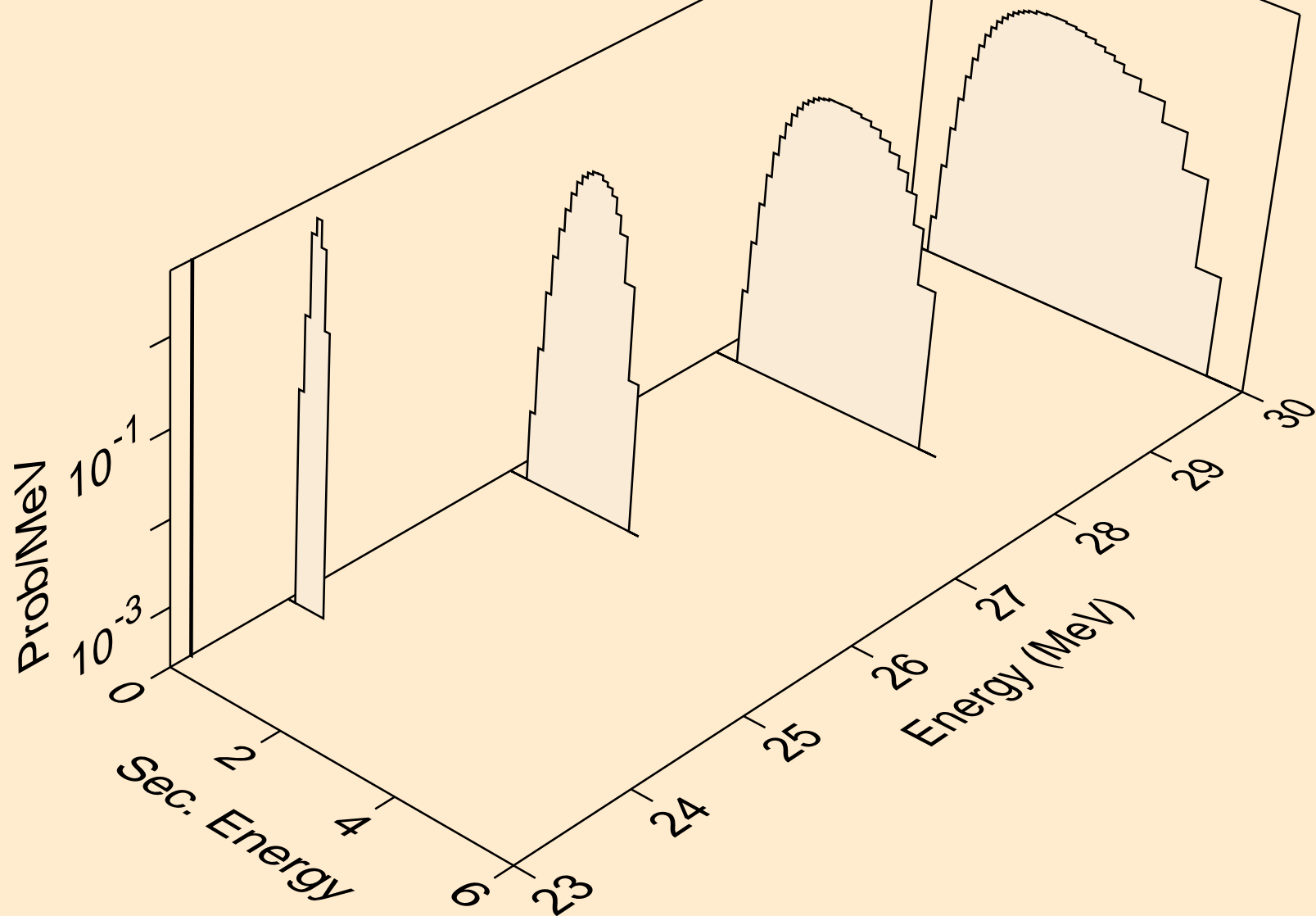
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tritons from (n,n\*)t



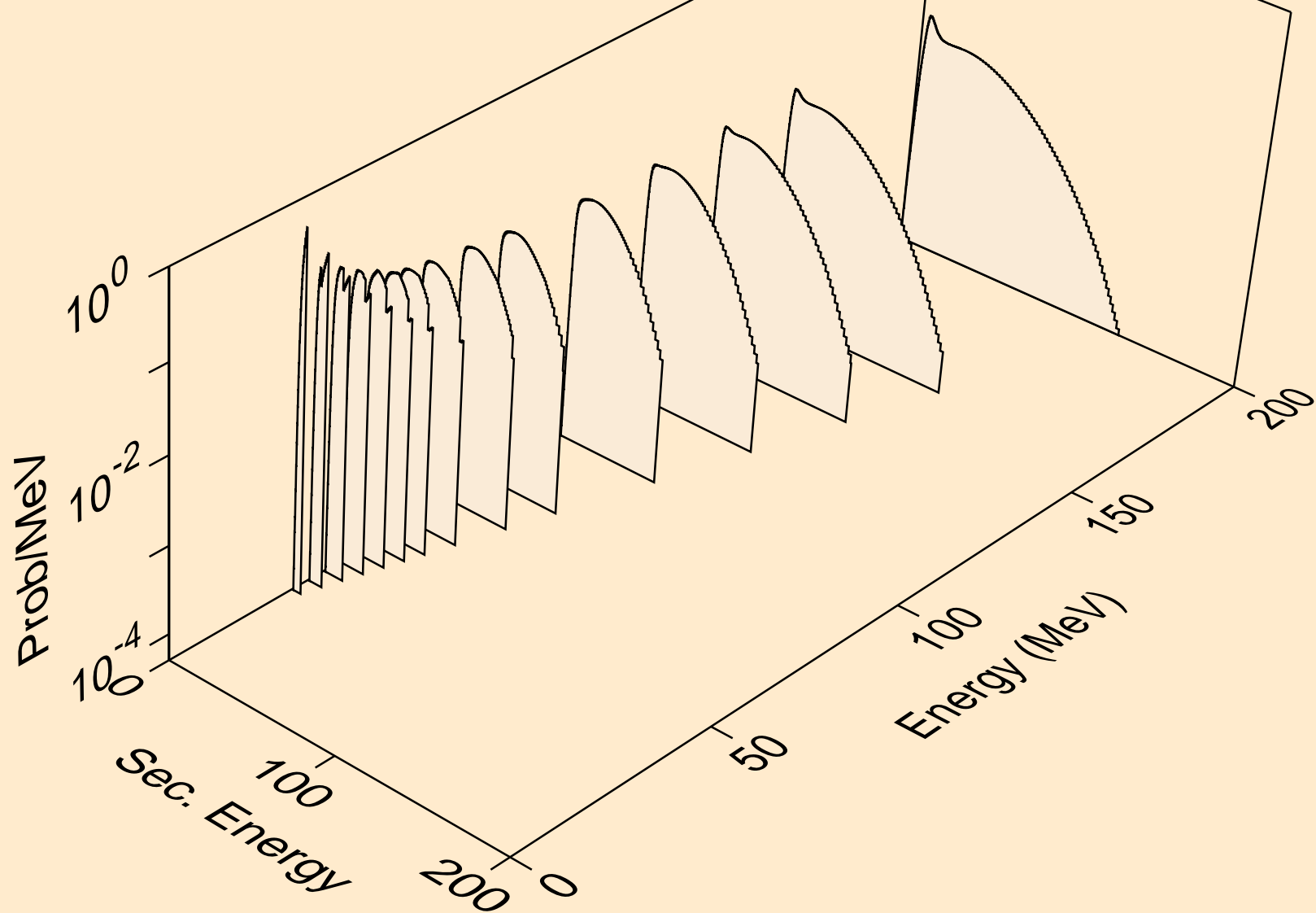
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tritons from (n,t)



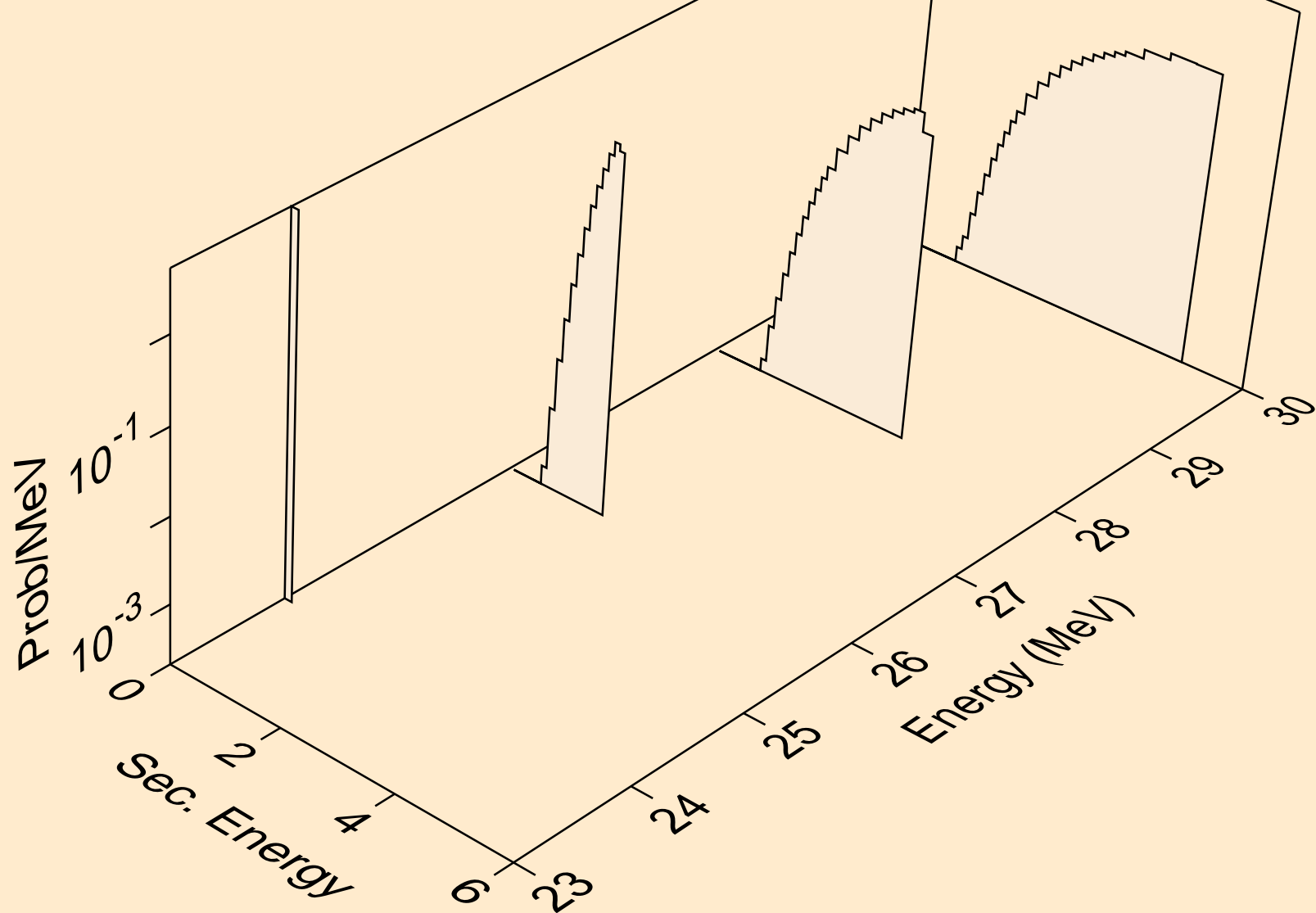
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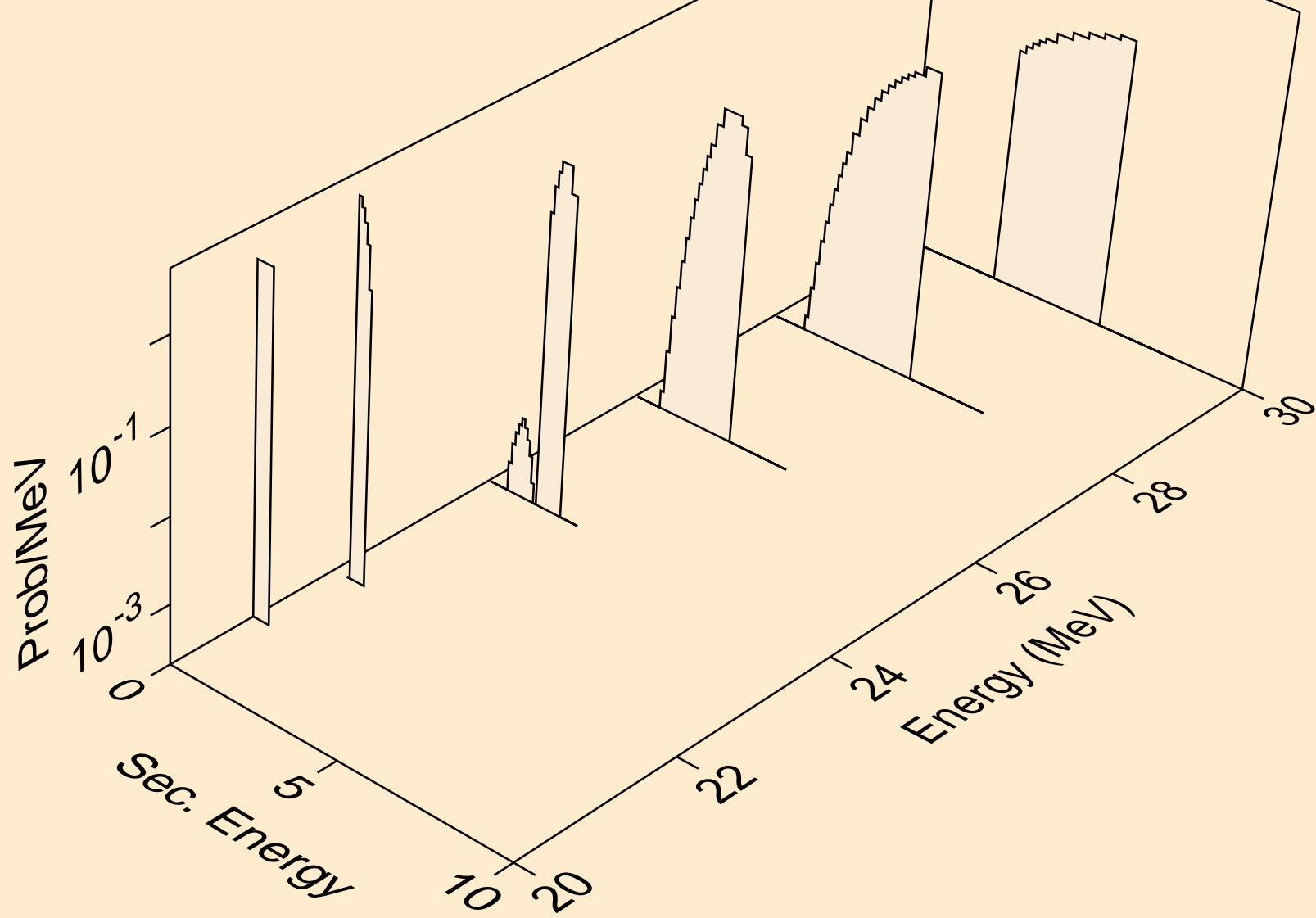
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he3s from (n,x)



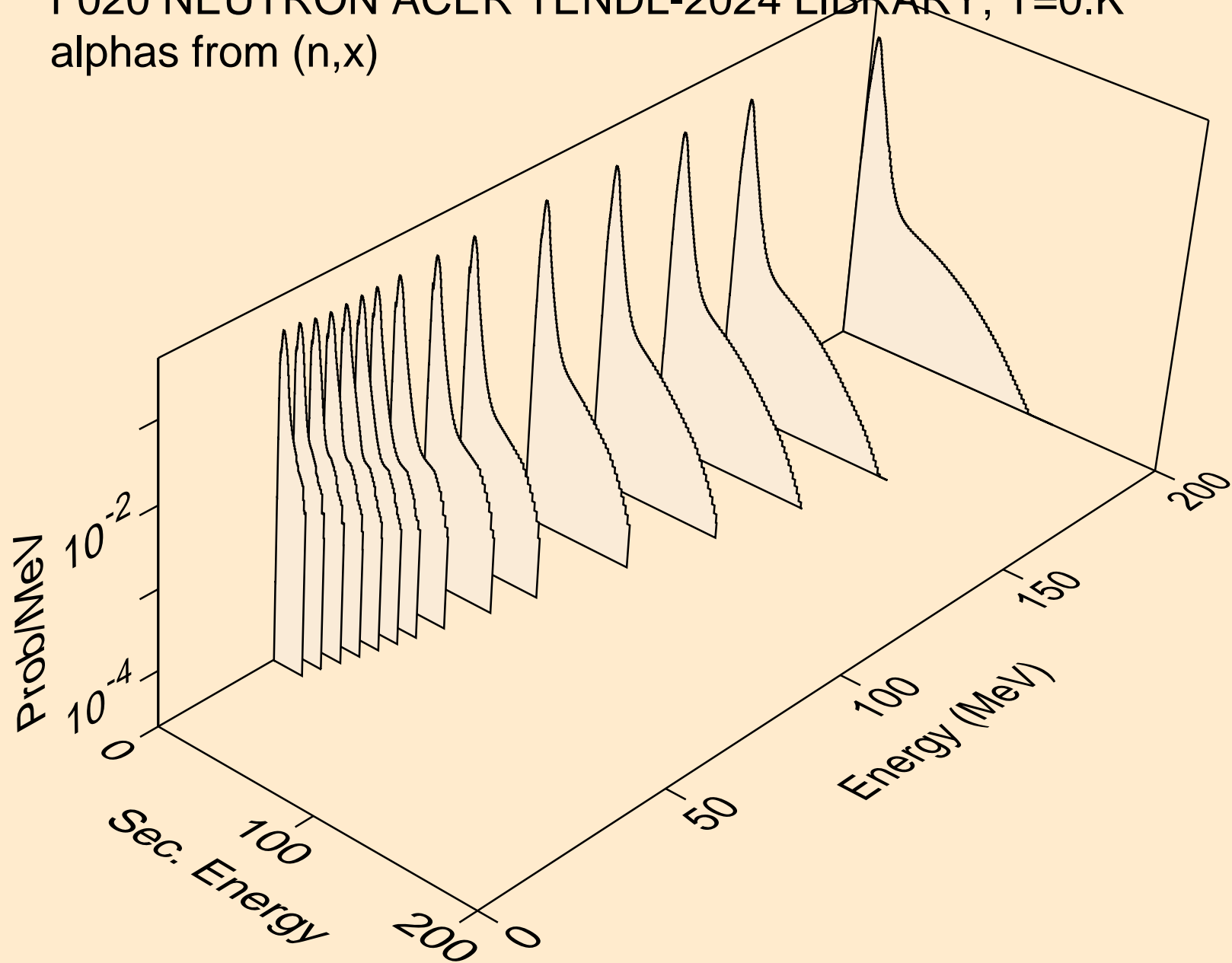
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he3s from (n,n\*)he3



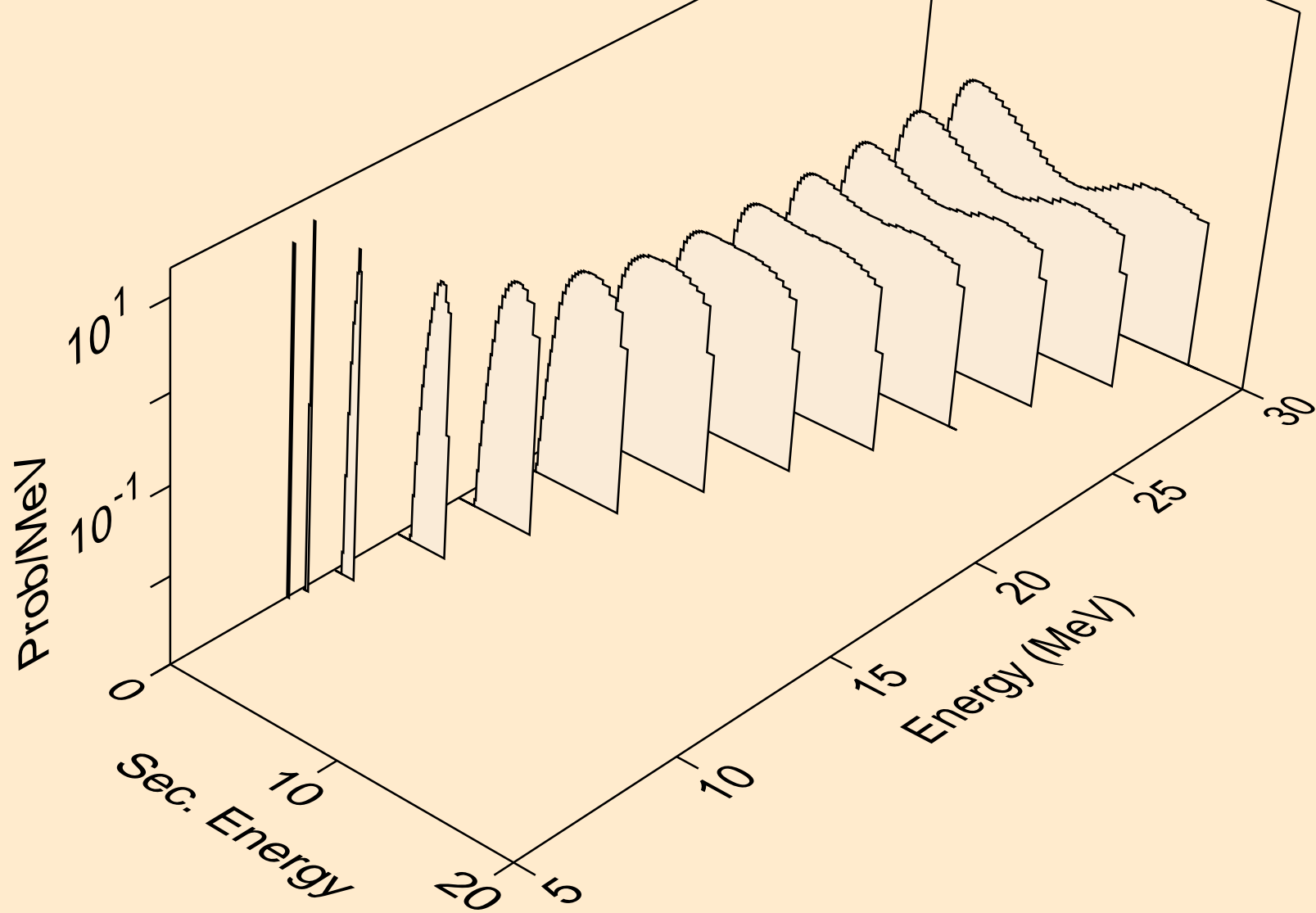
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

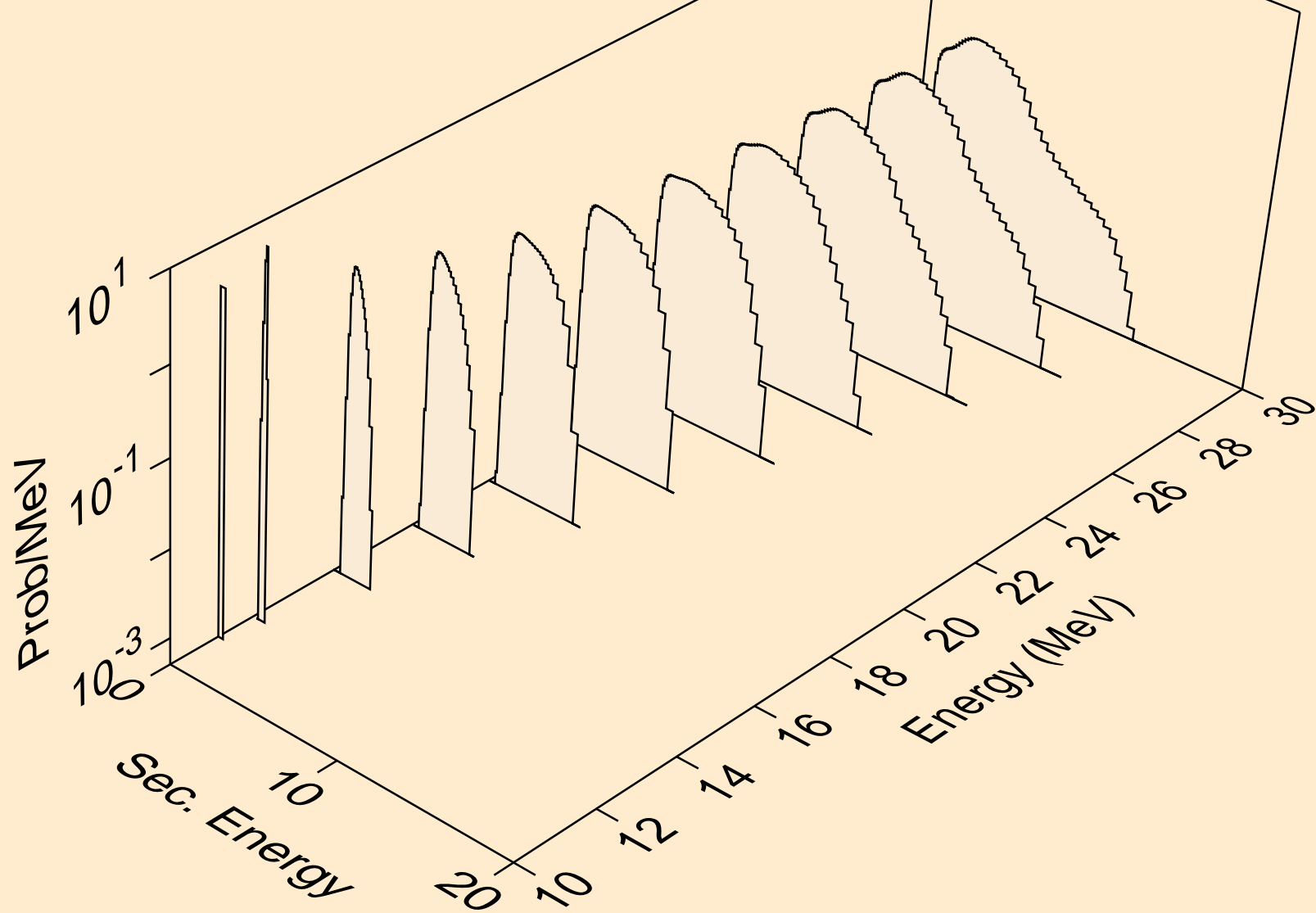


F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

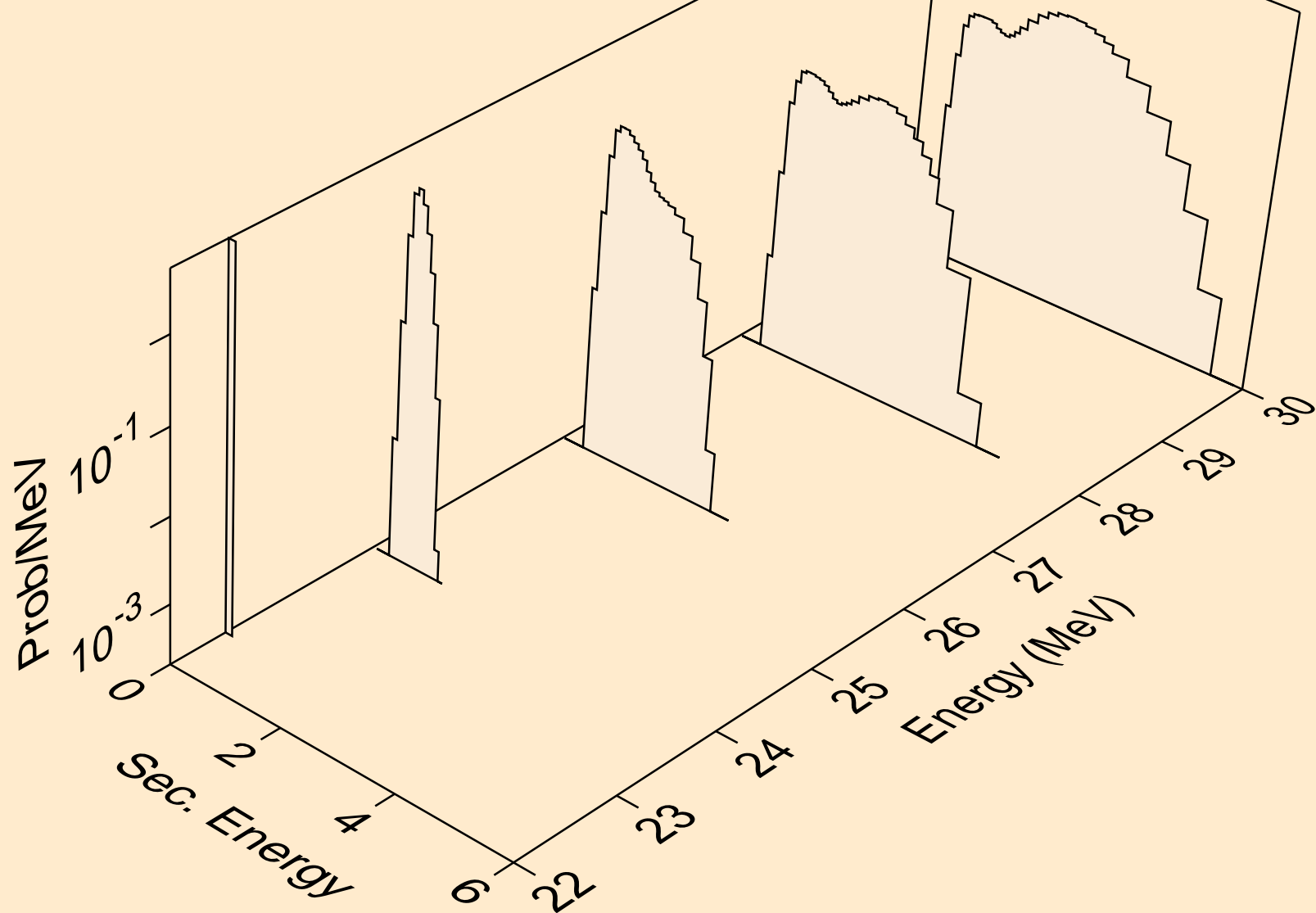




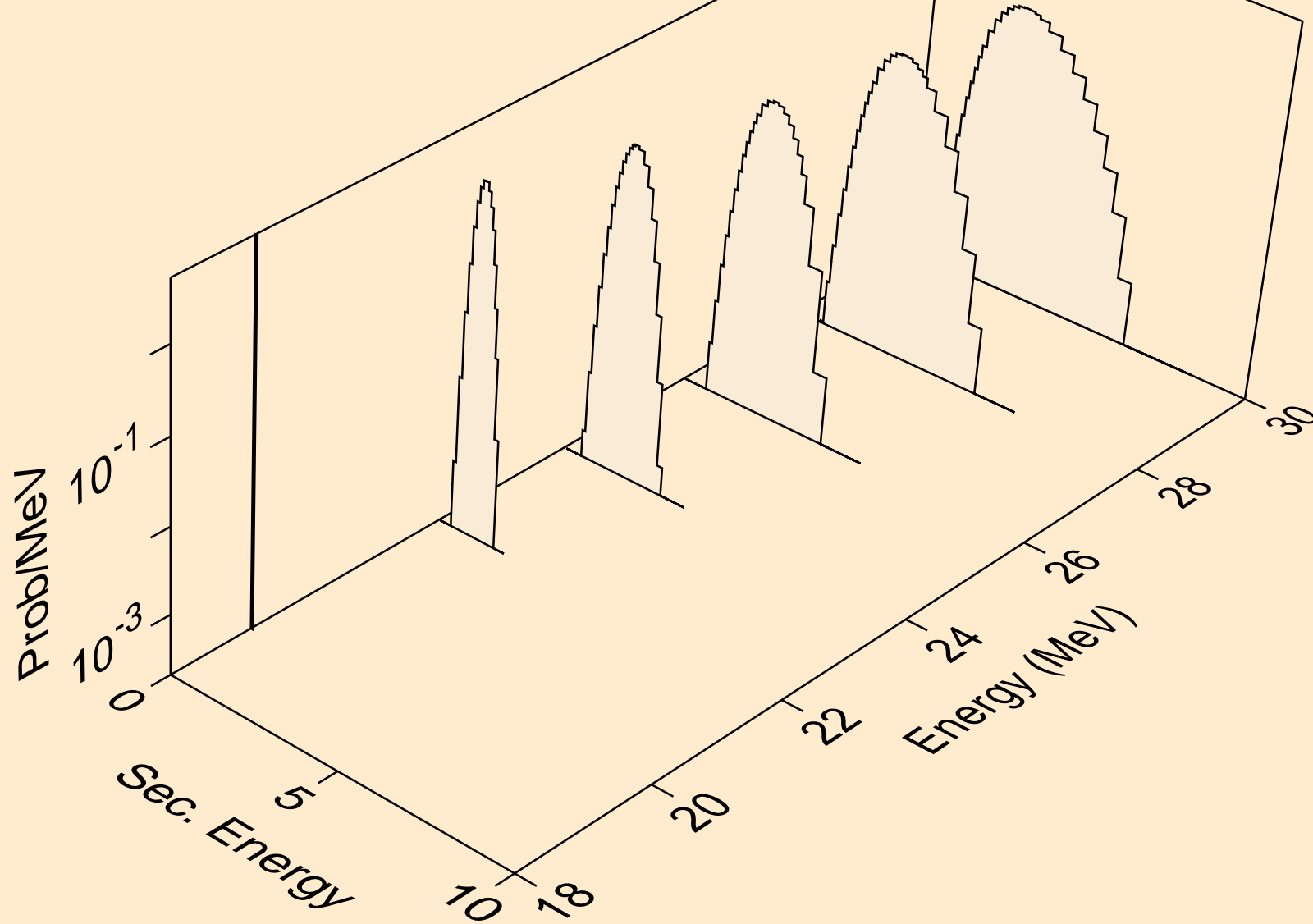
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



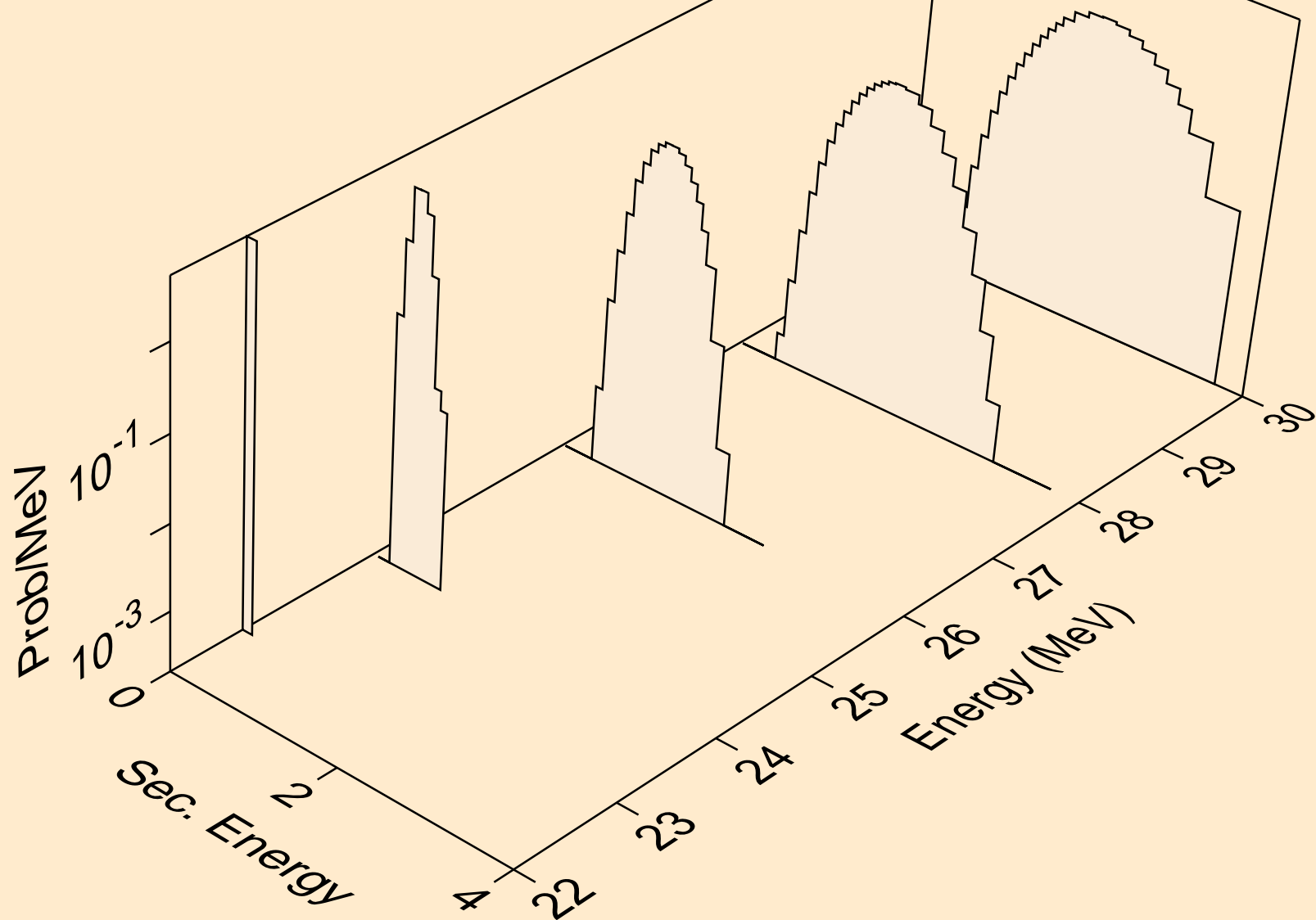
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alphas from (n,3n)a



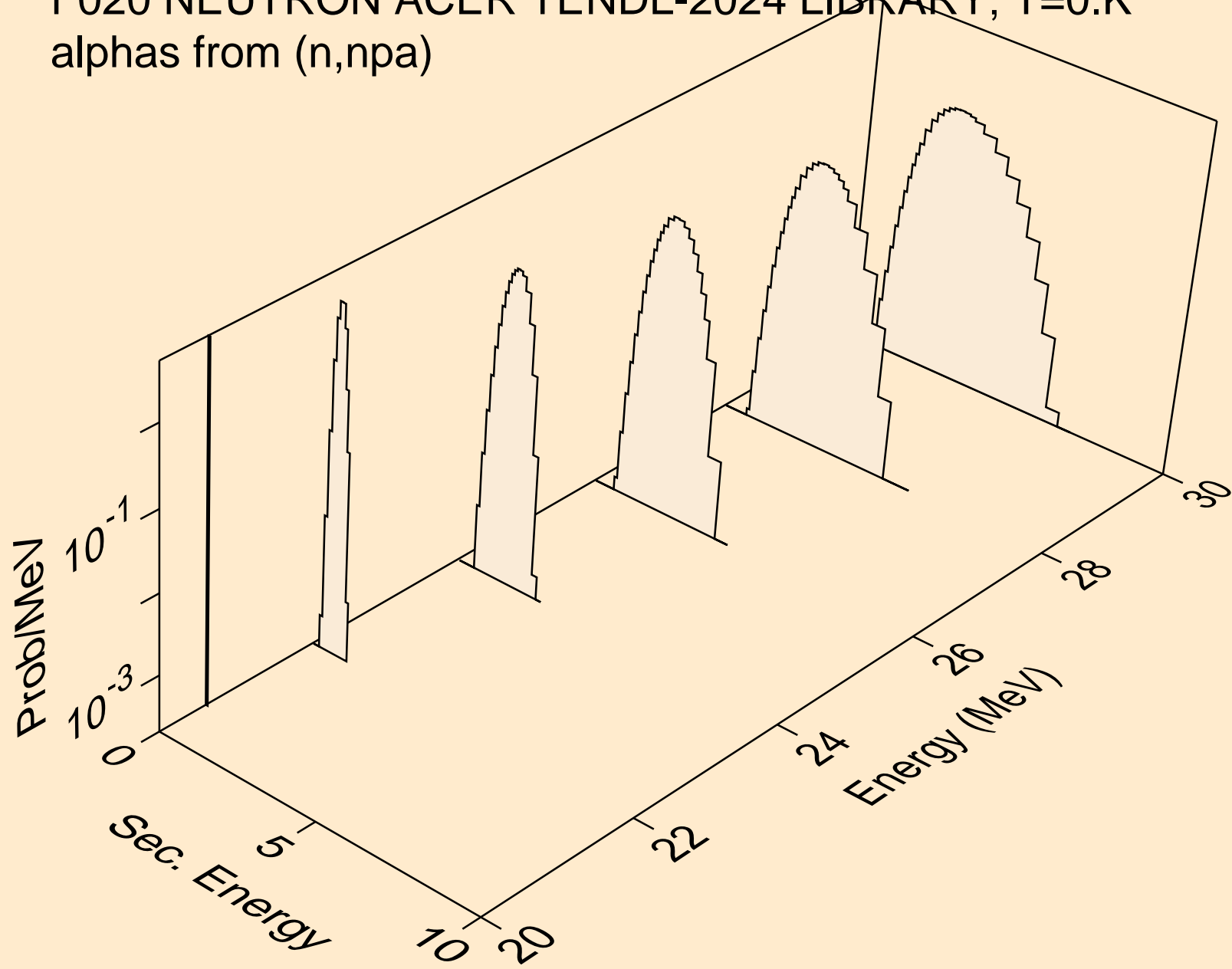
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



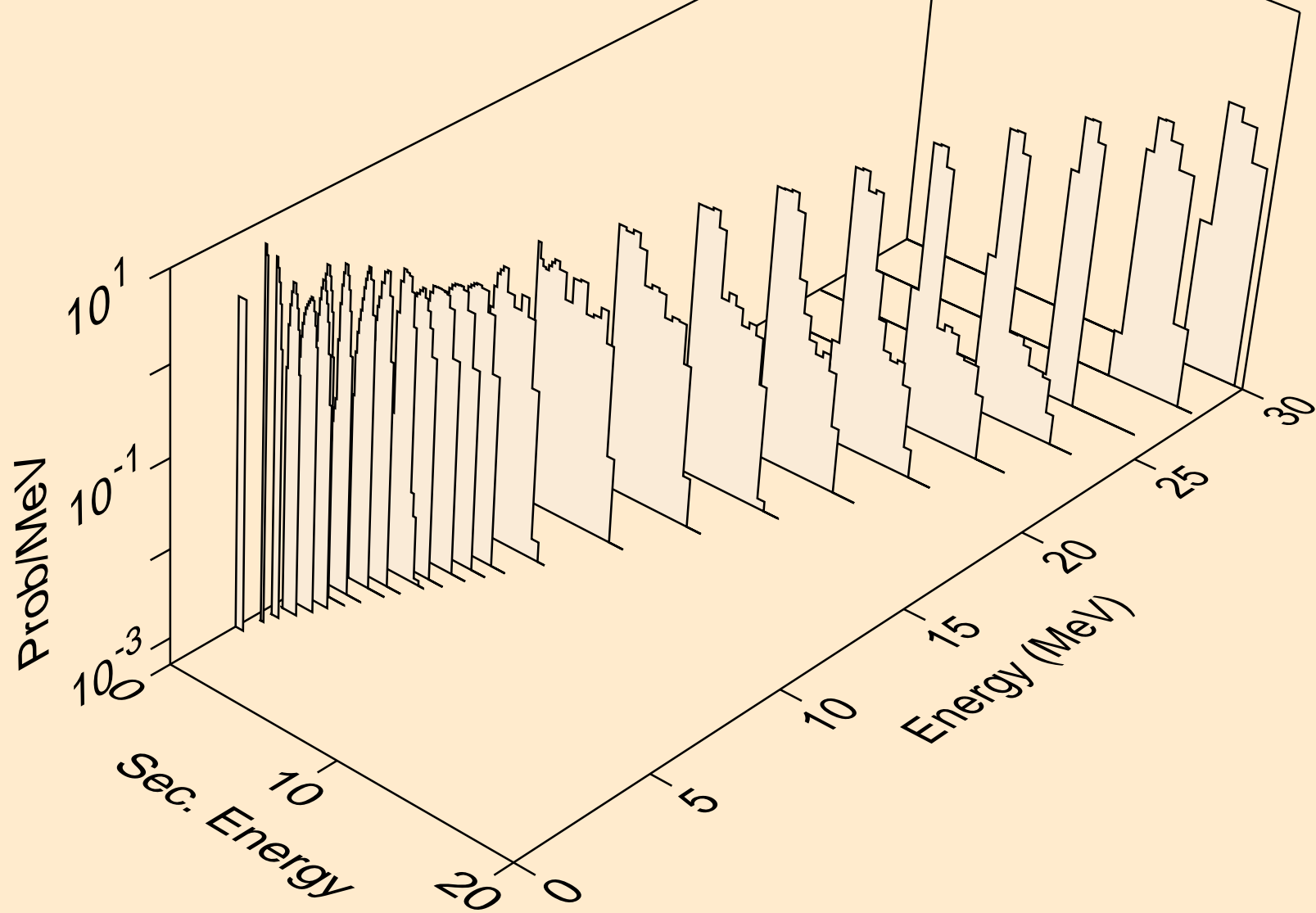
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



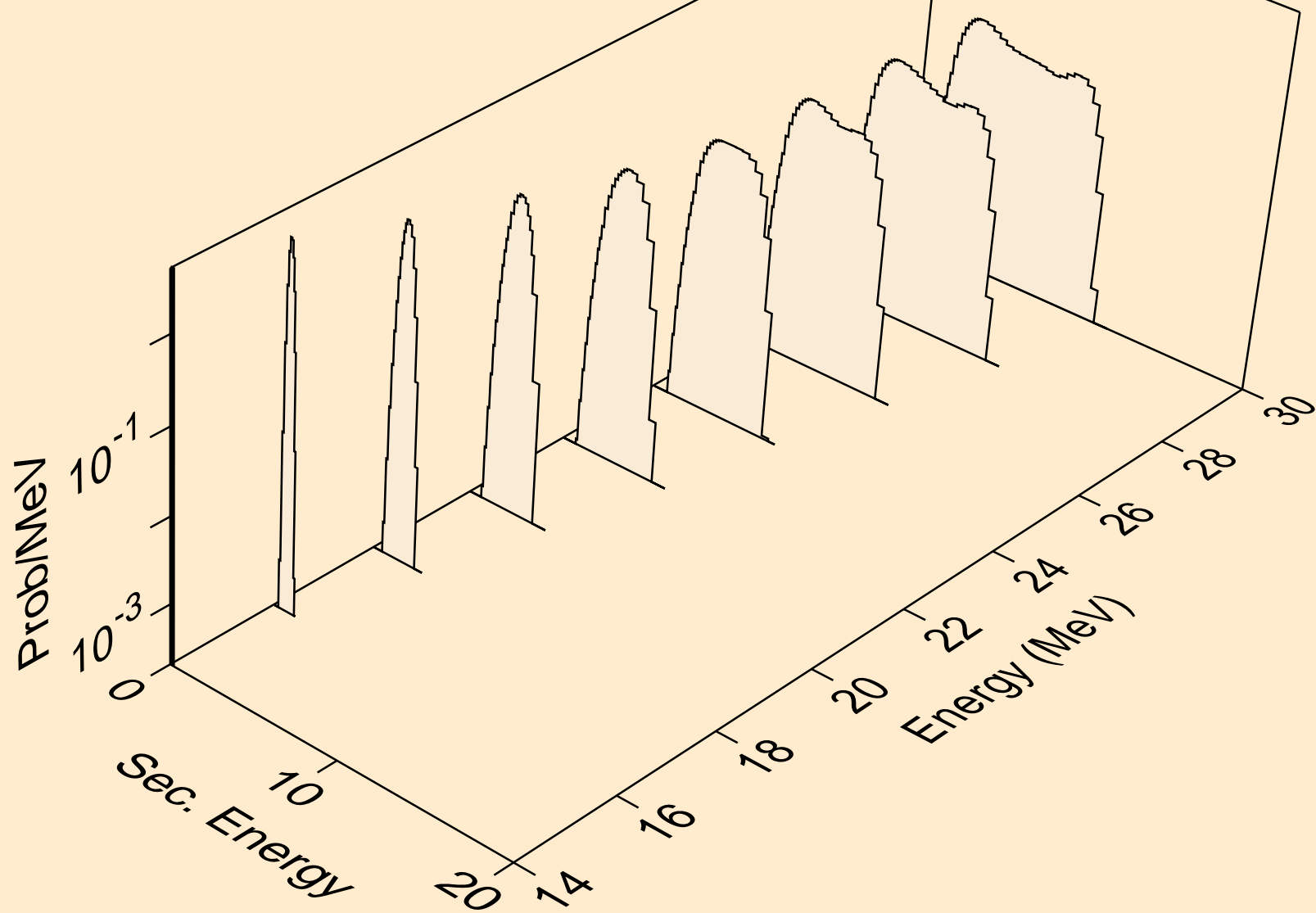
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



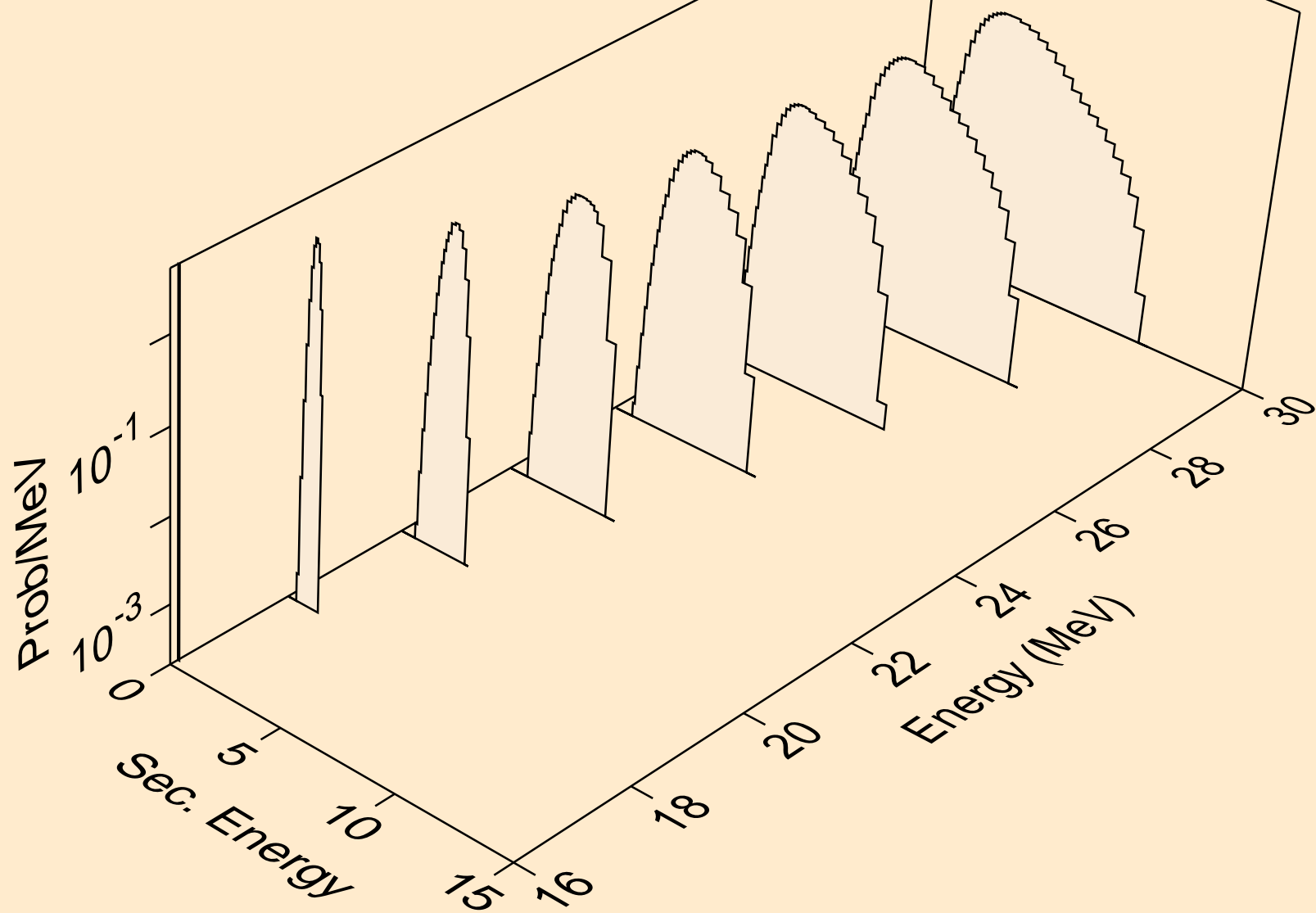
F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





F020 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

