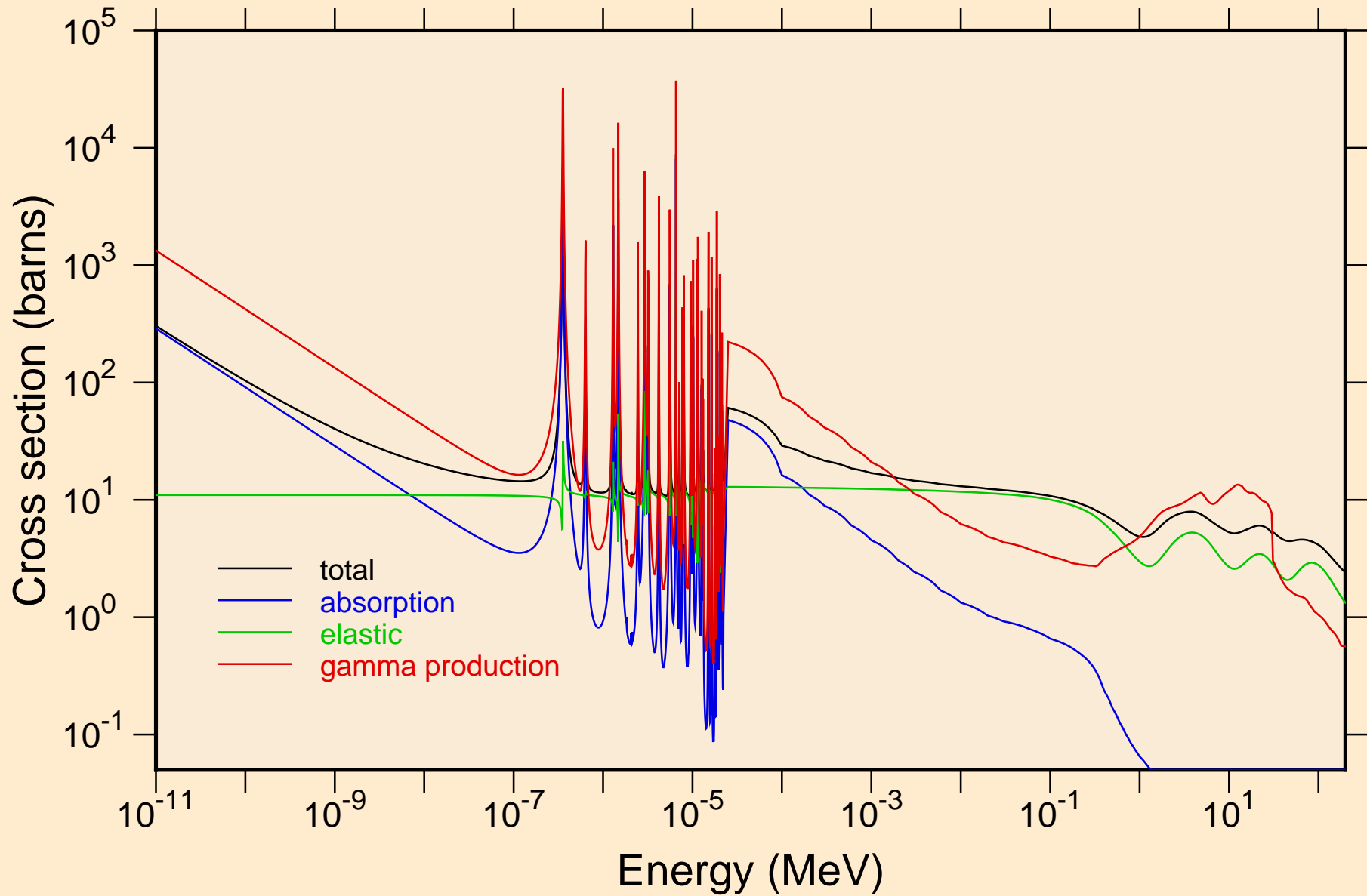
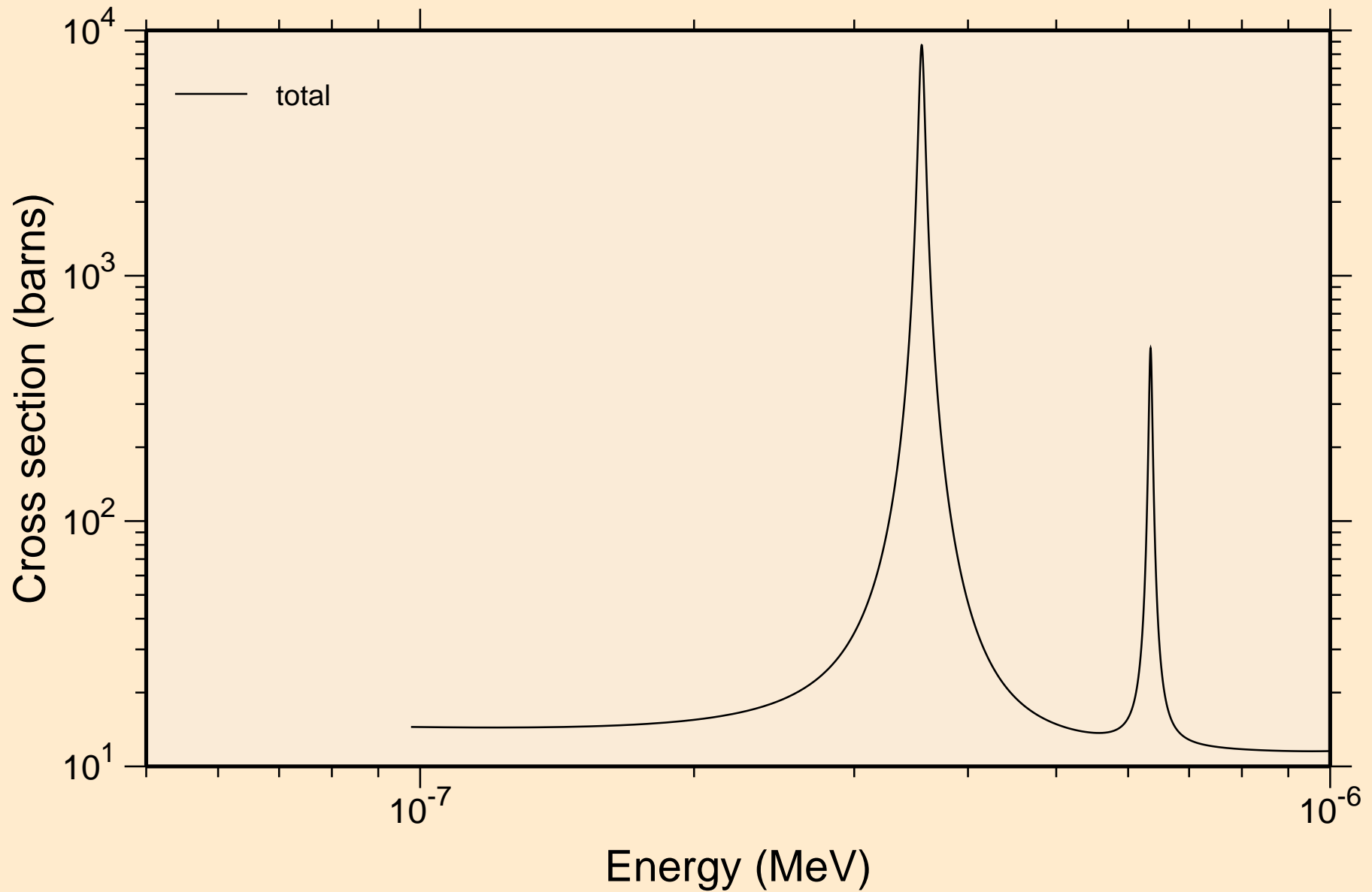


# FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

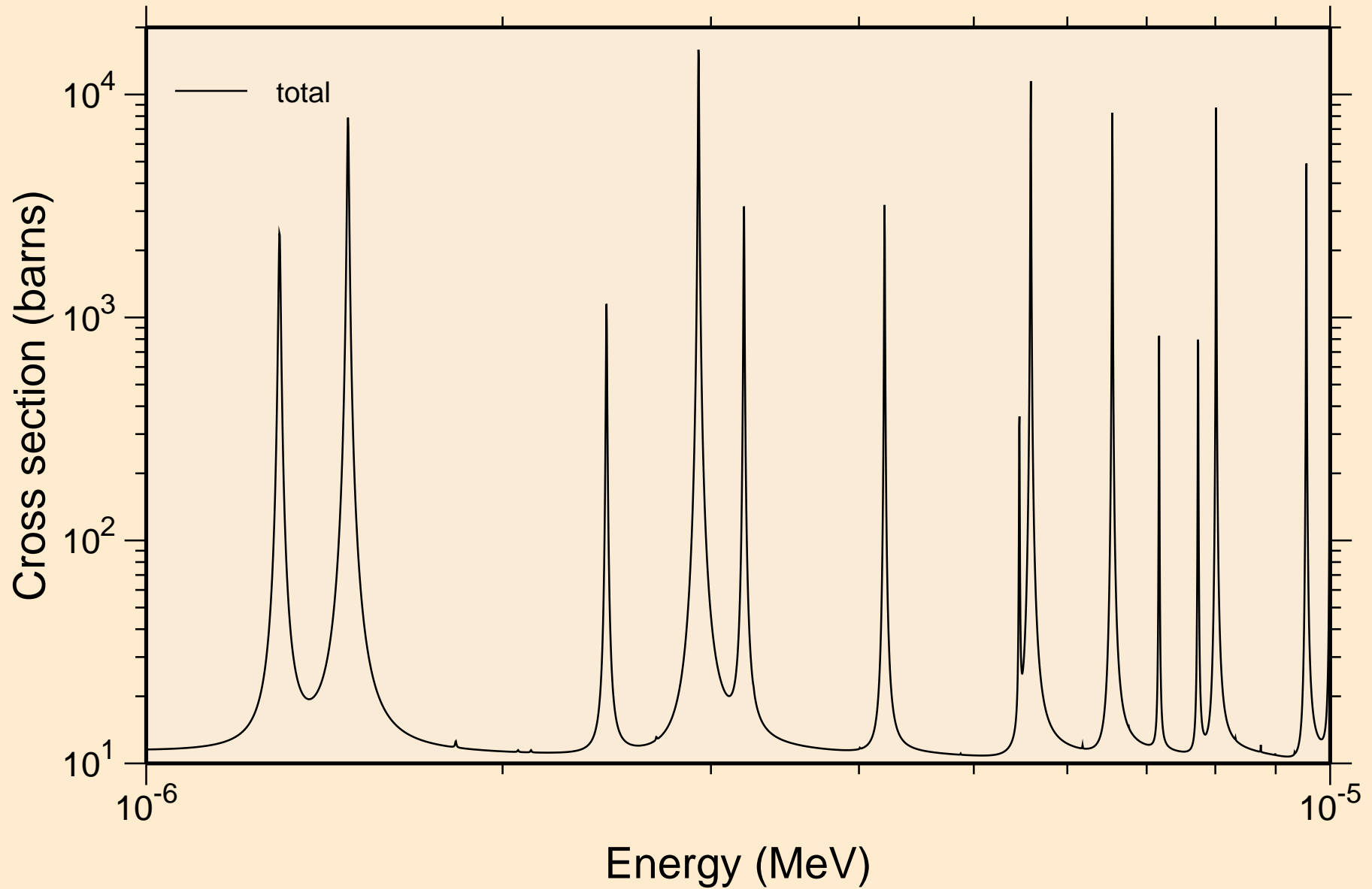
## Principal cross sections



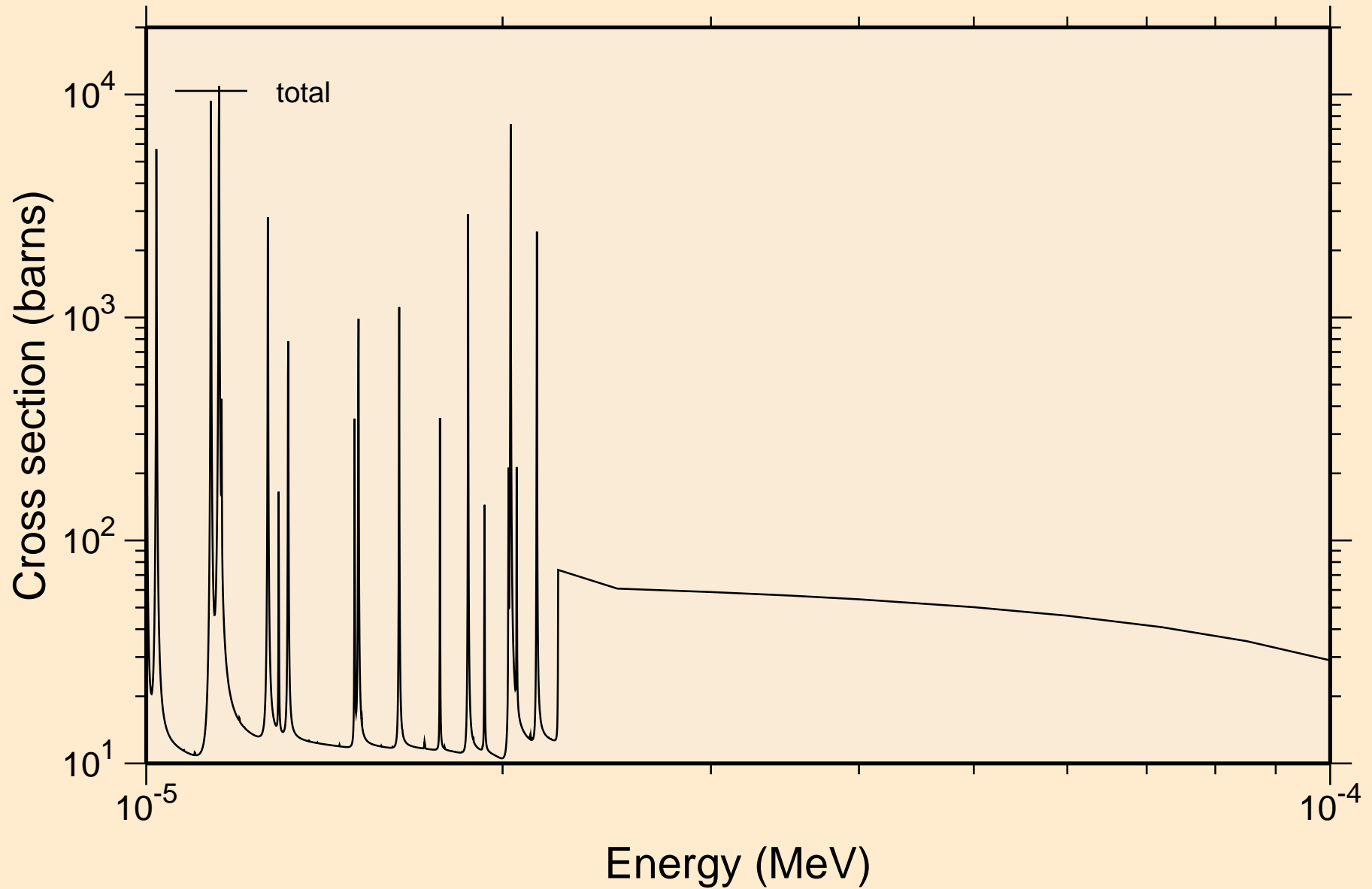
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



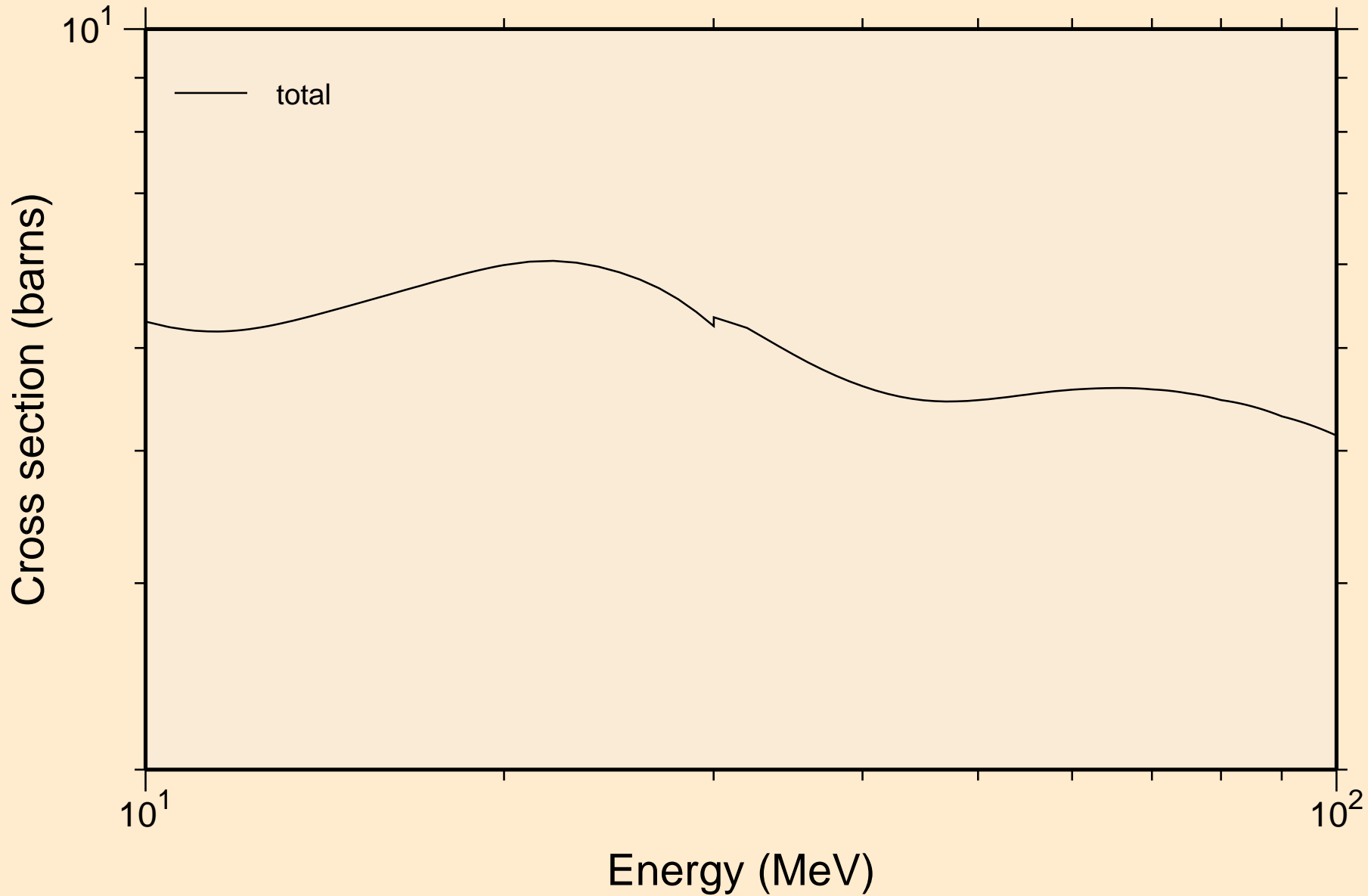
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



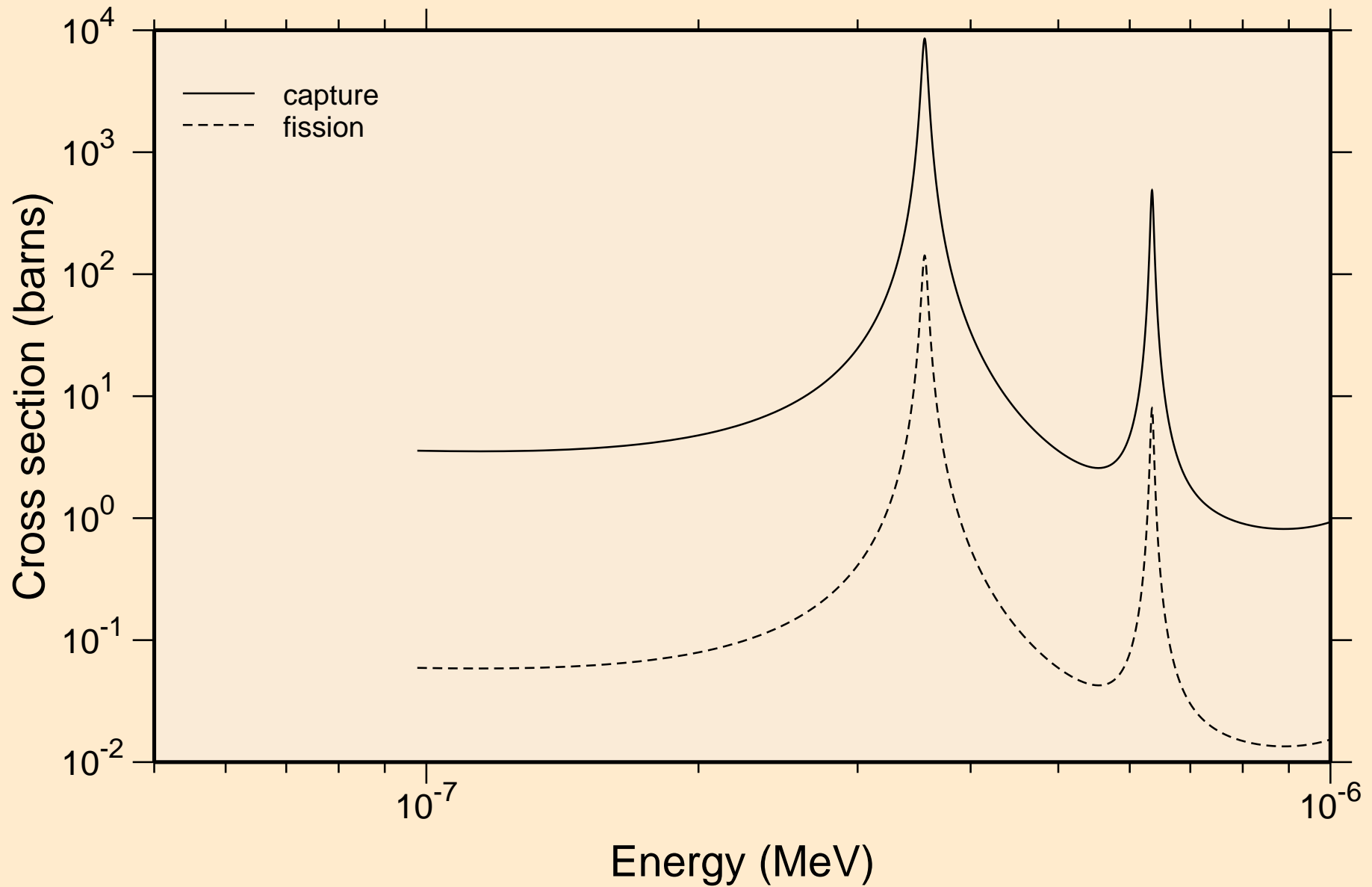
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



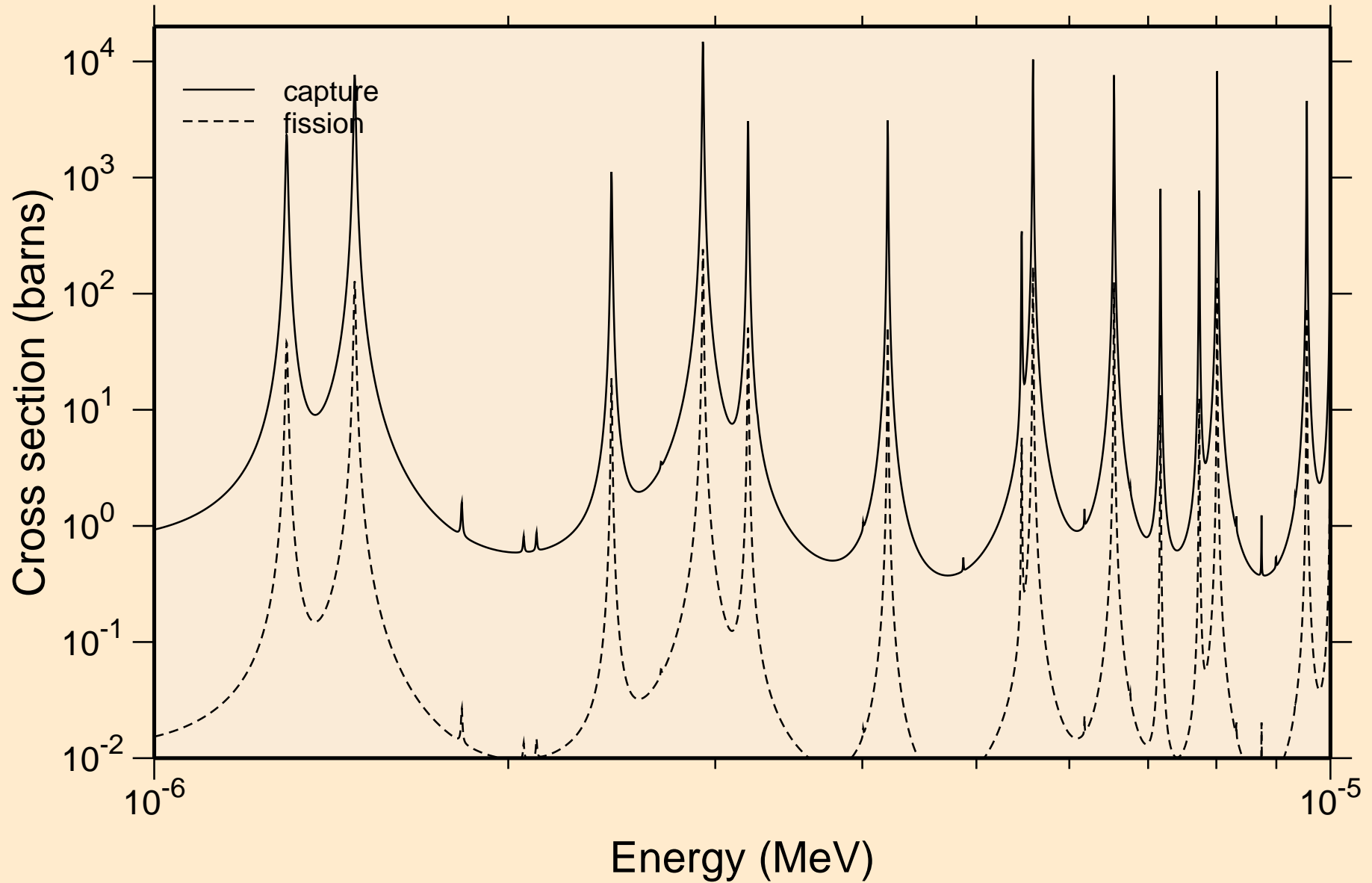
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



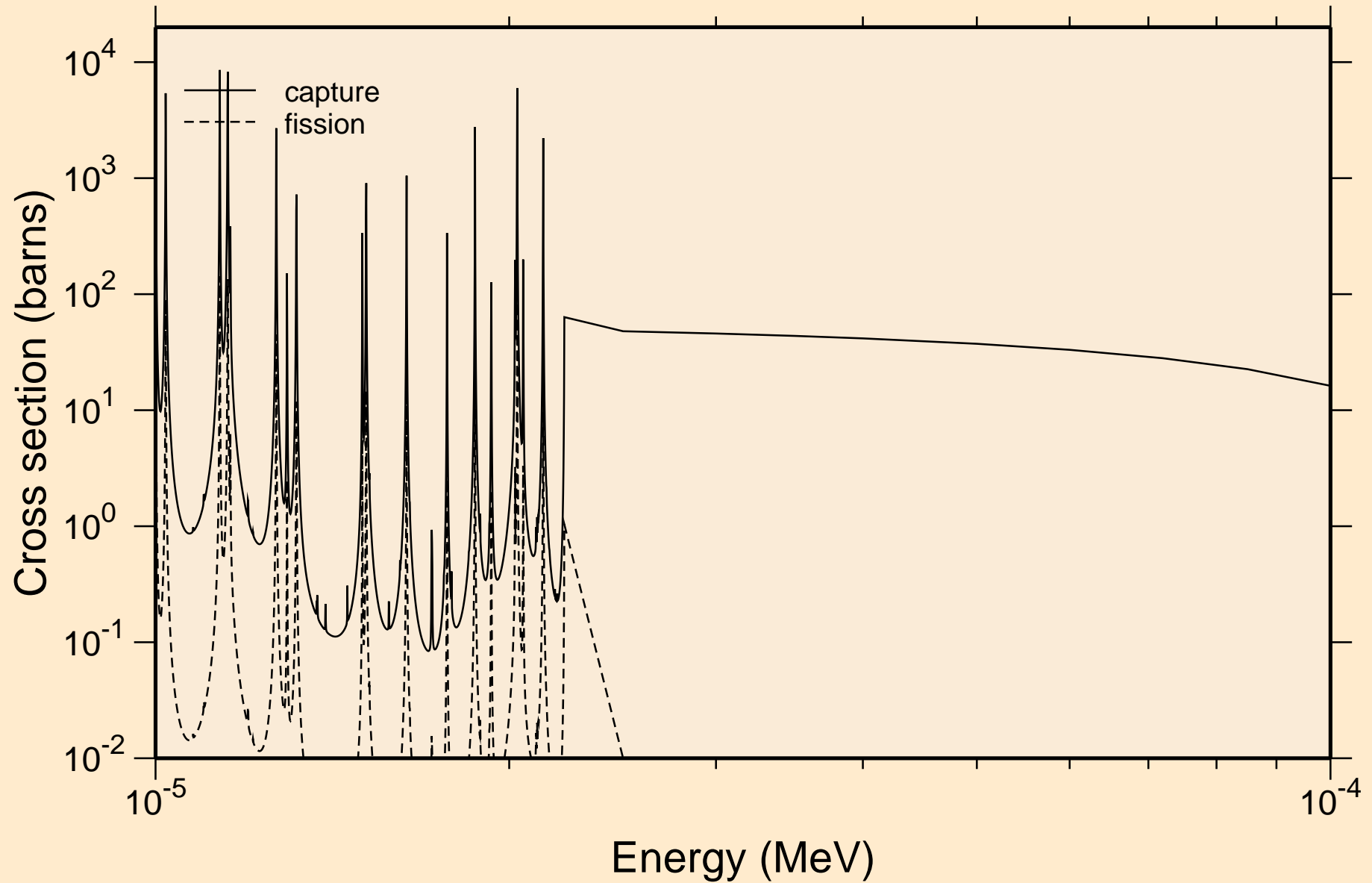
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

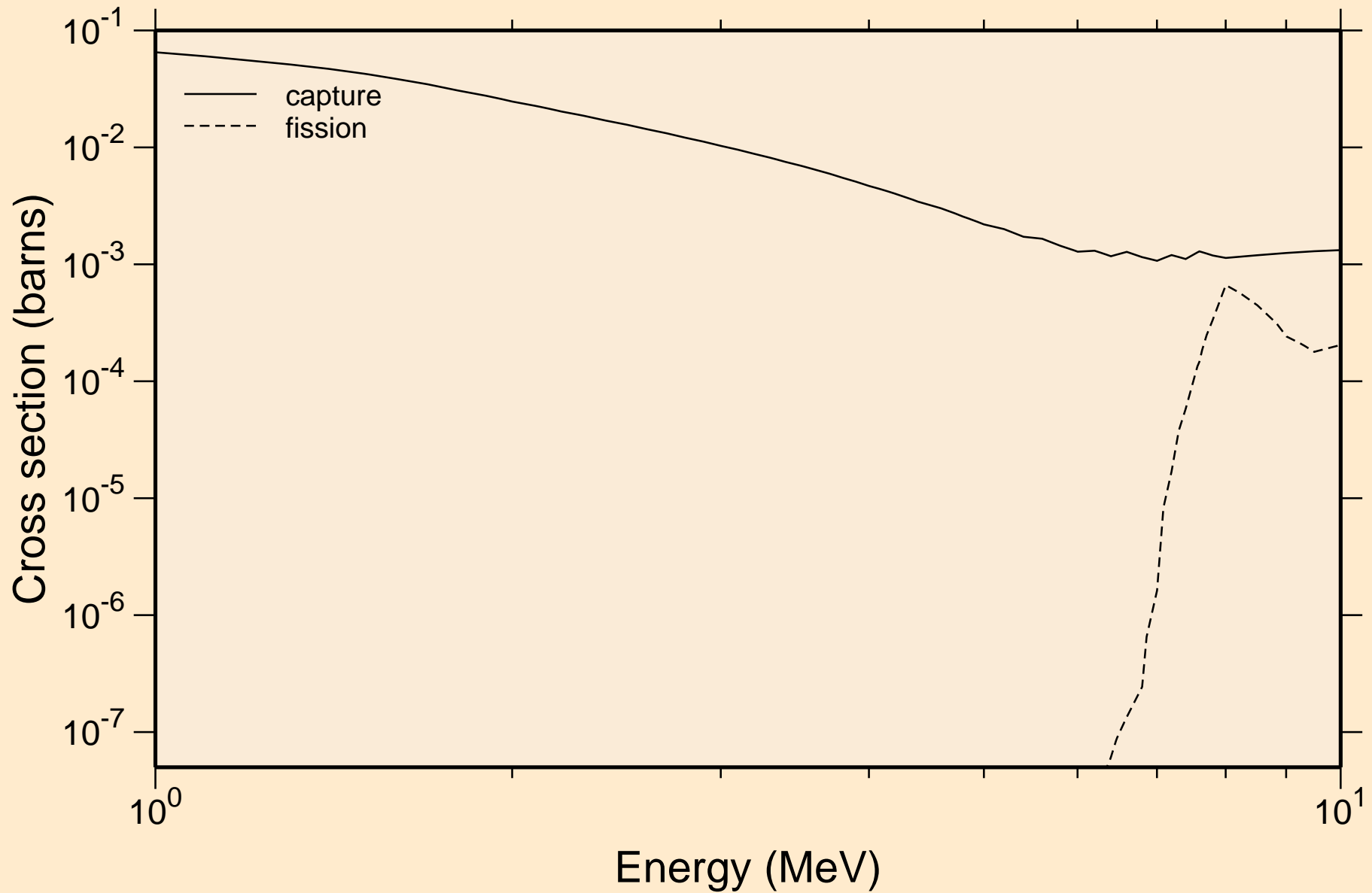


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



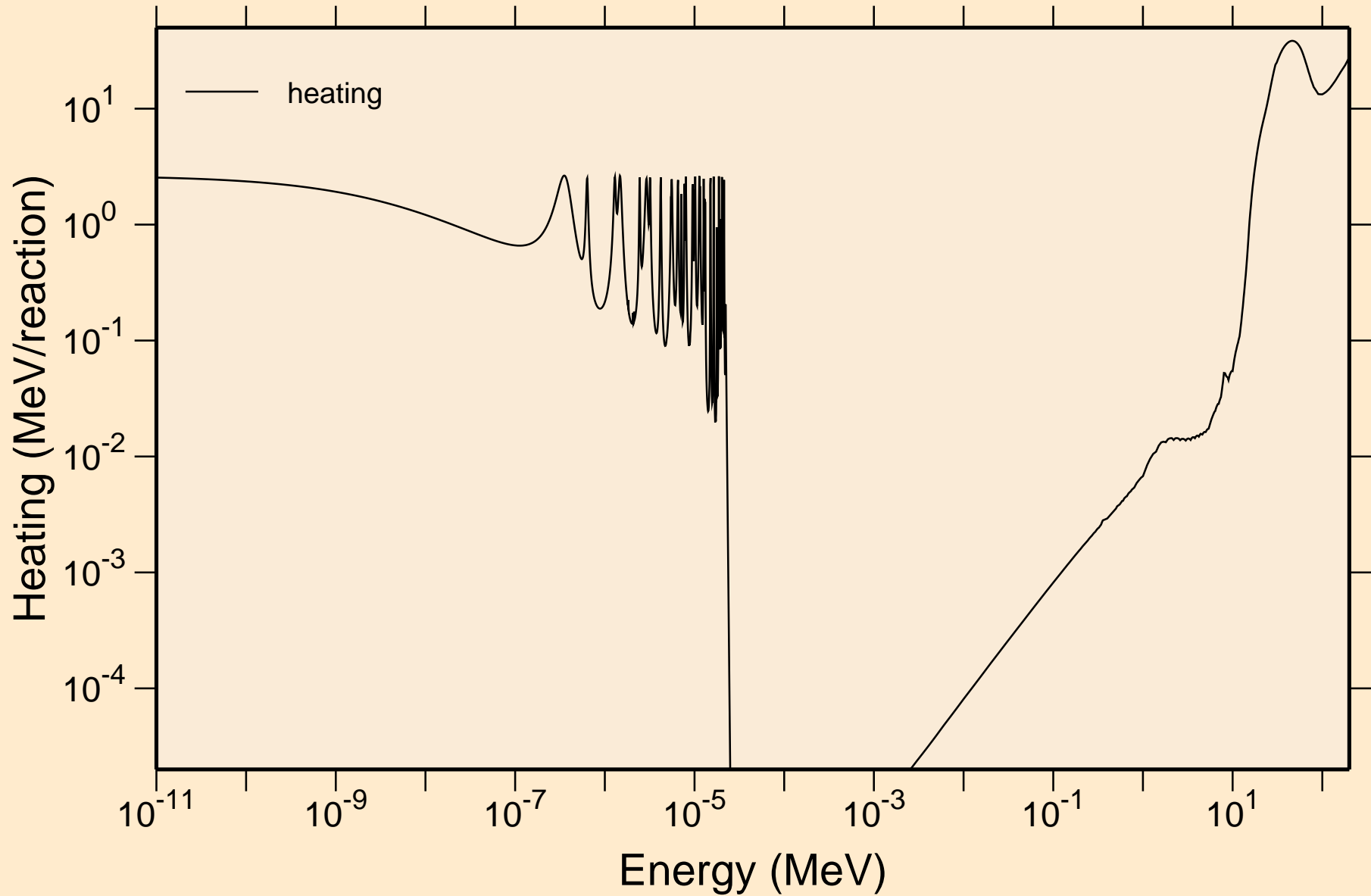


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

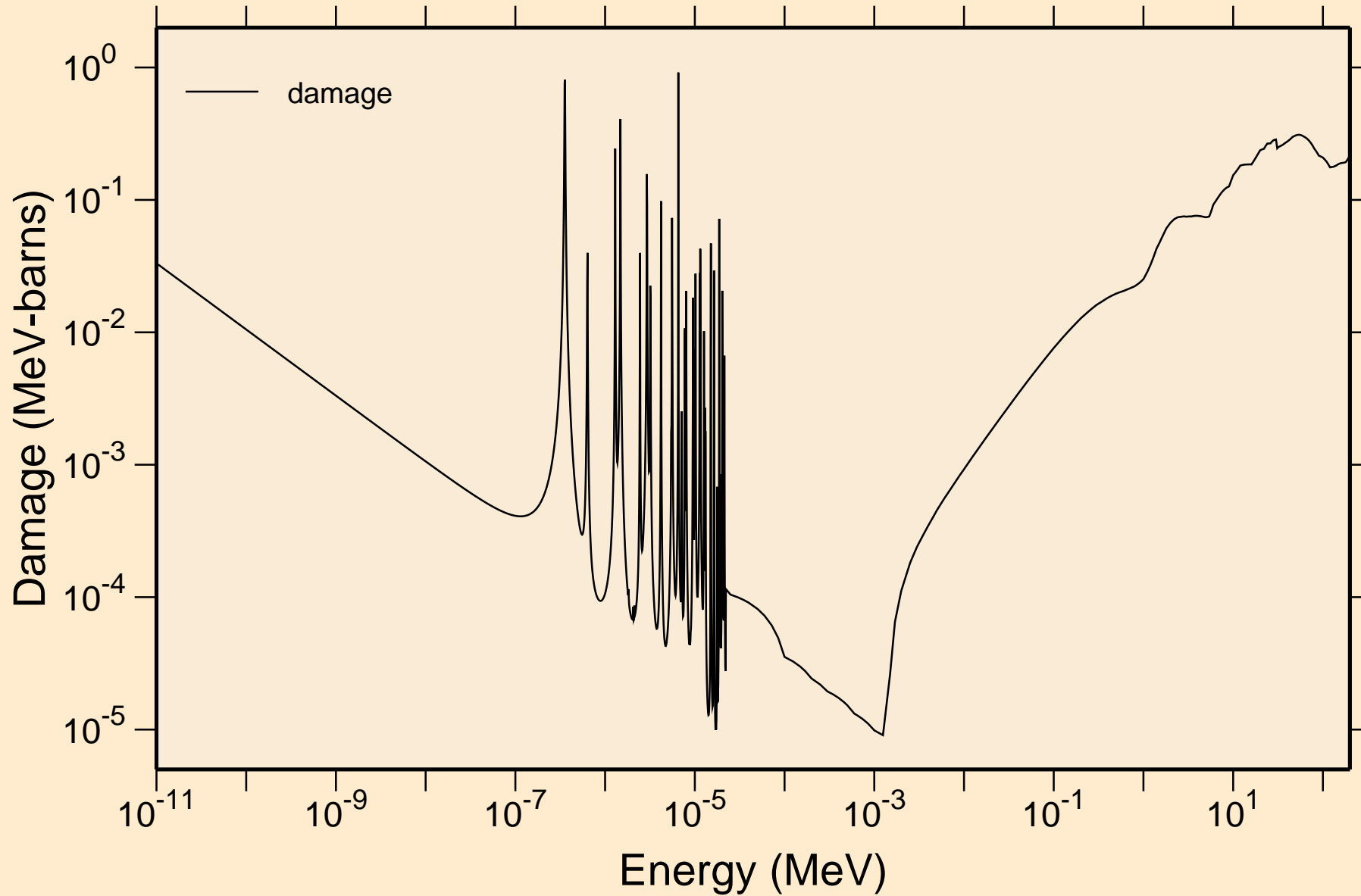


# FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

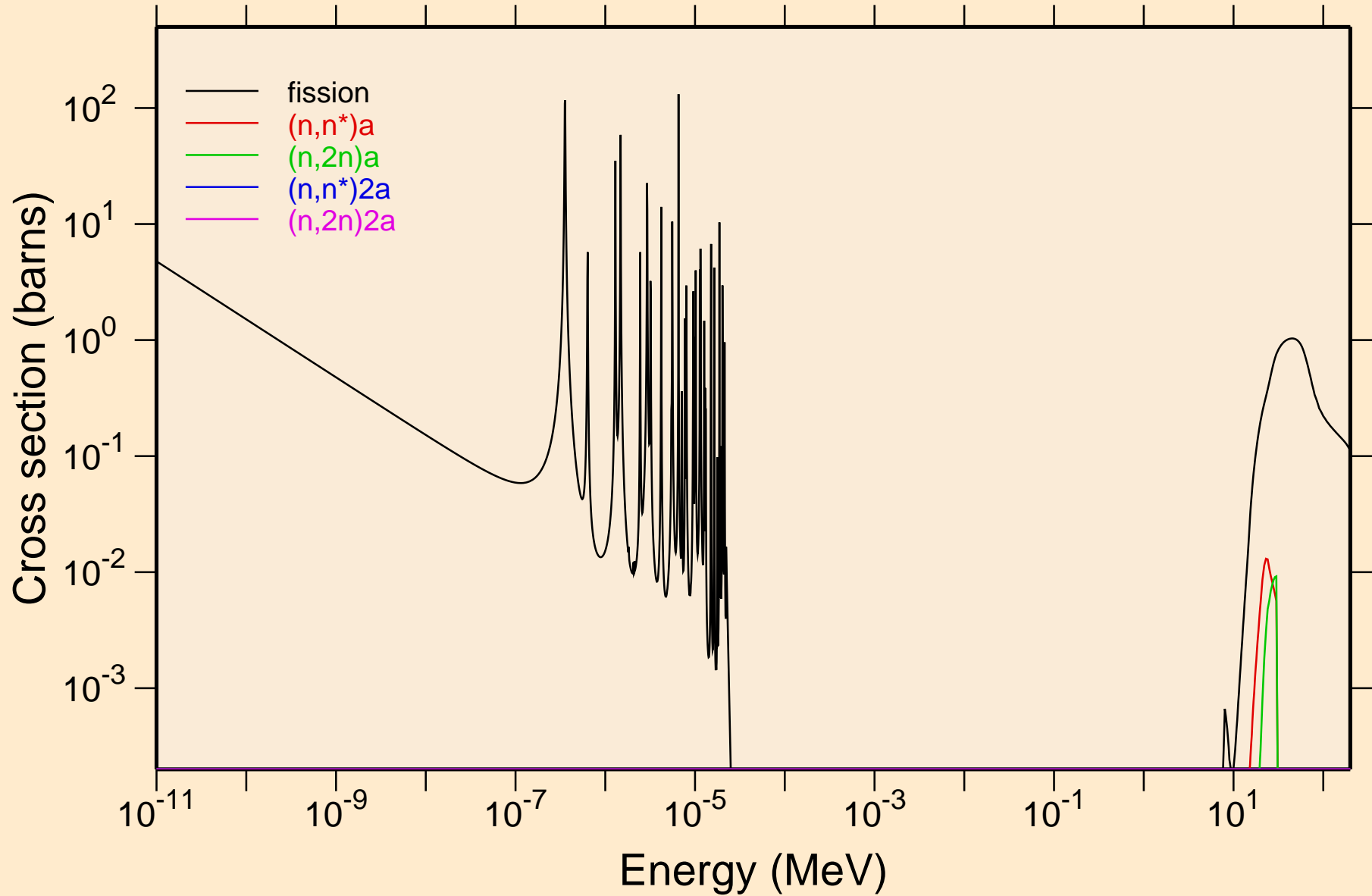
## Heating



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage

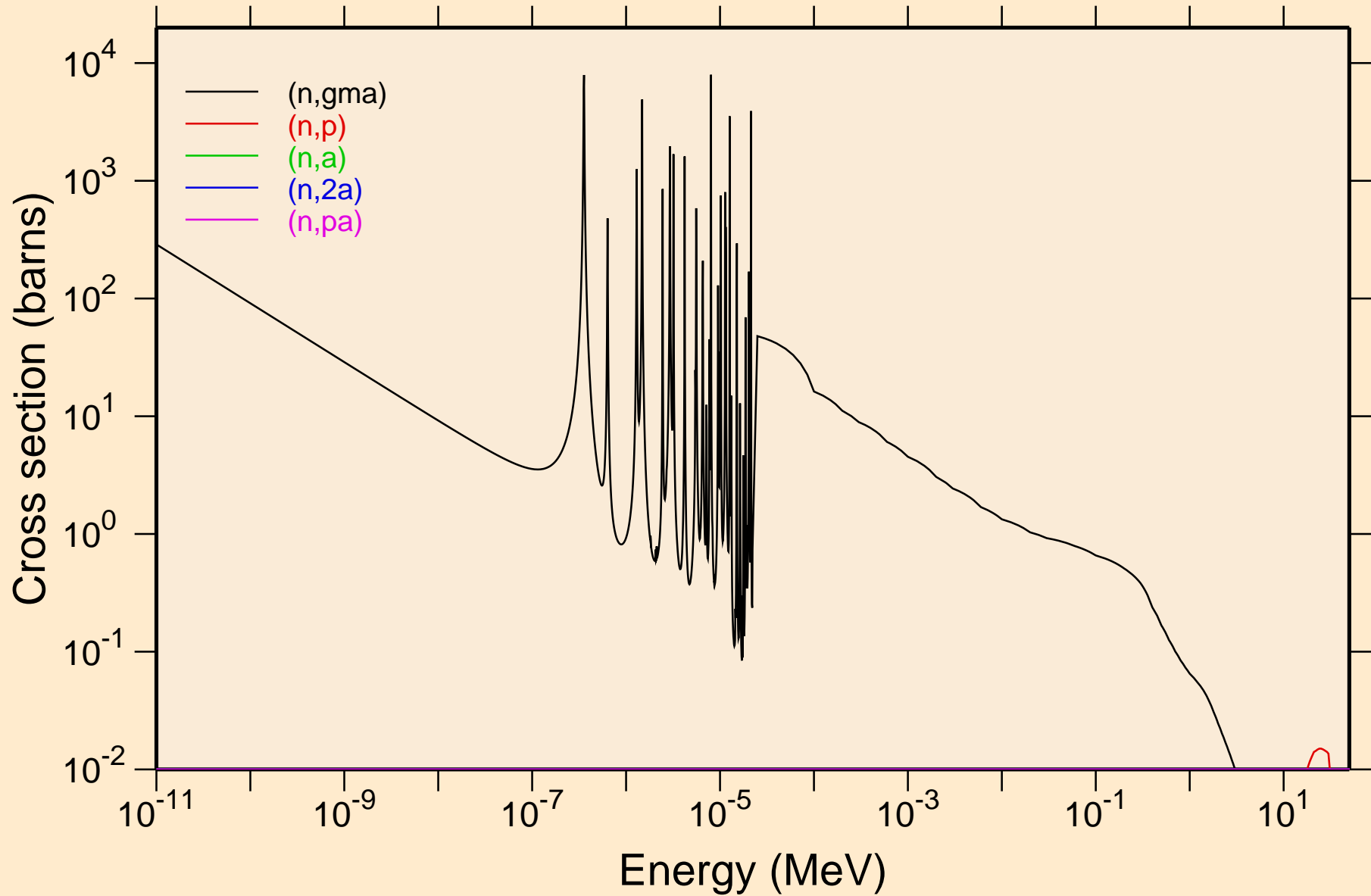


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

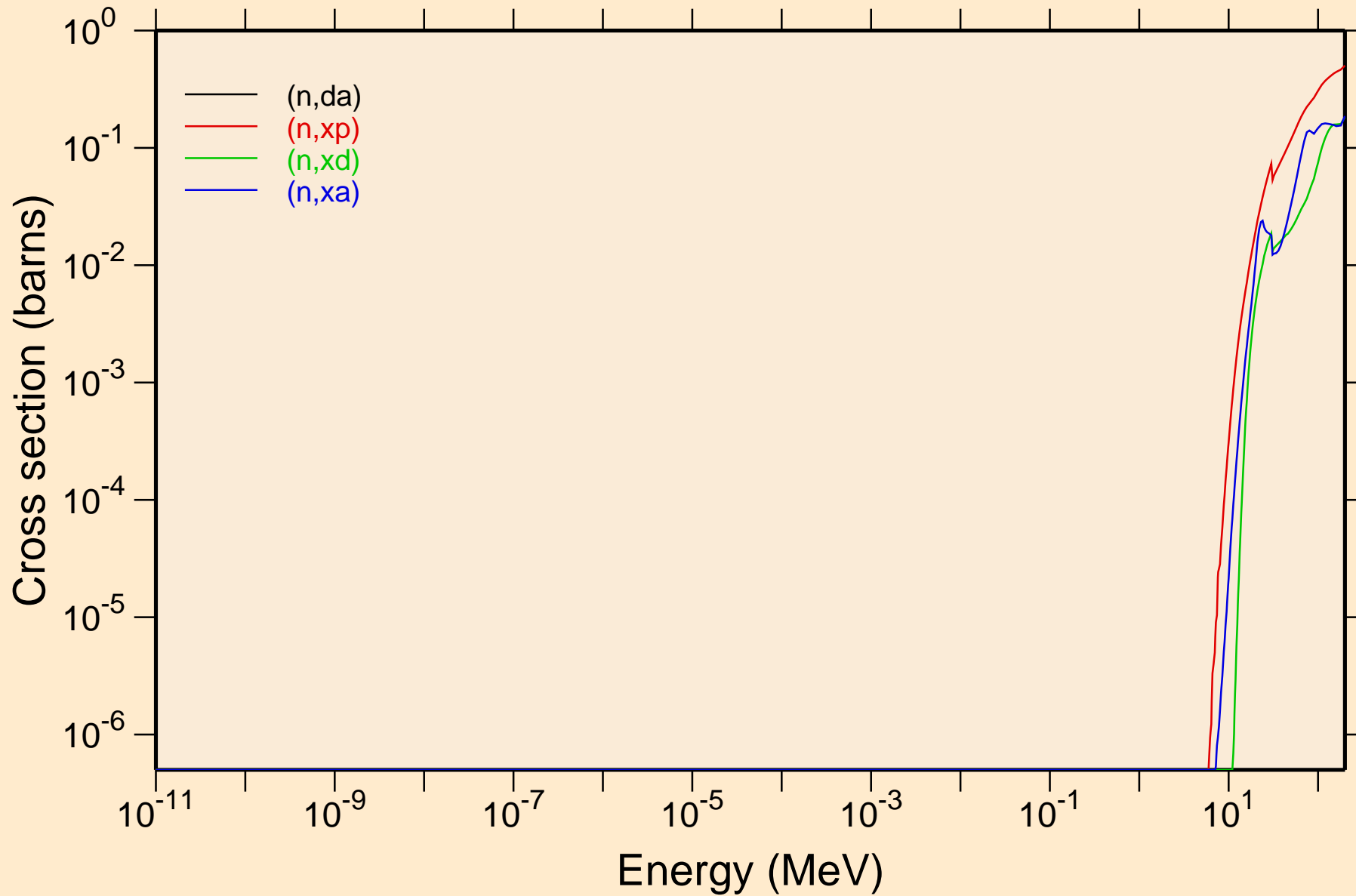


# FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

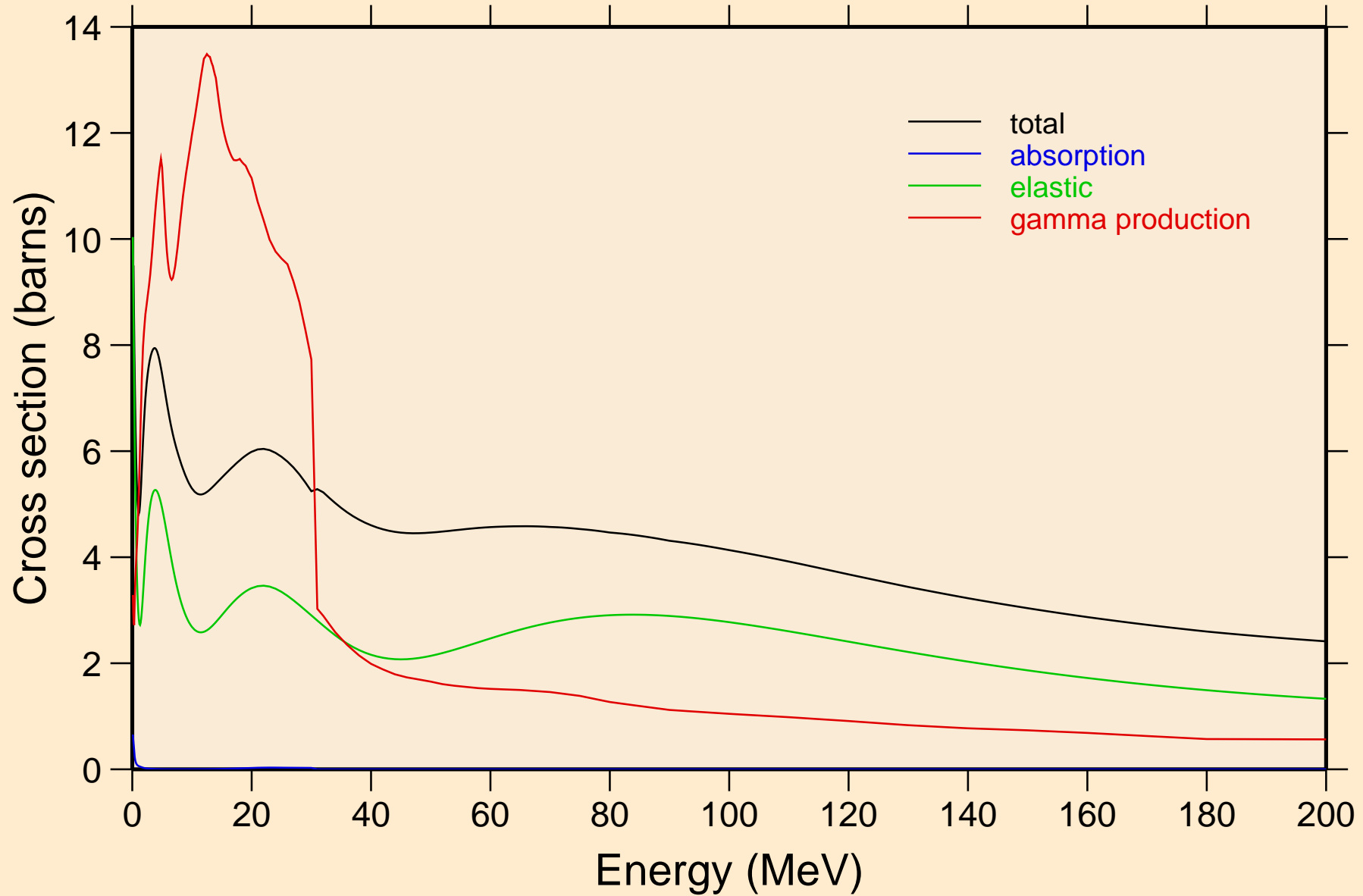


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



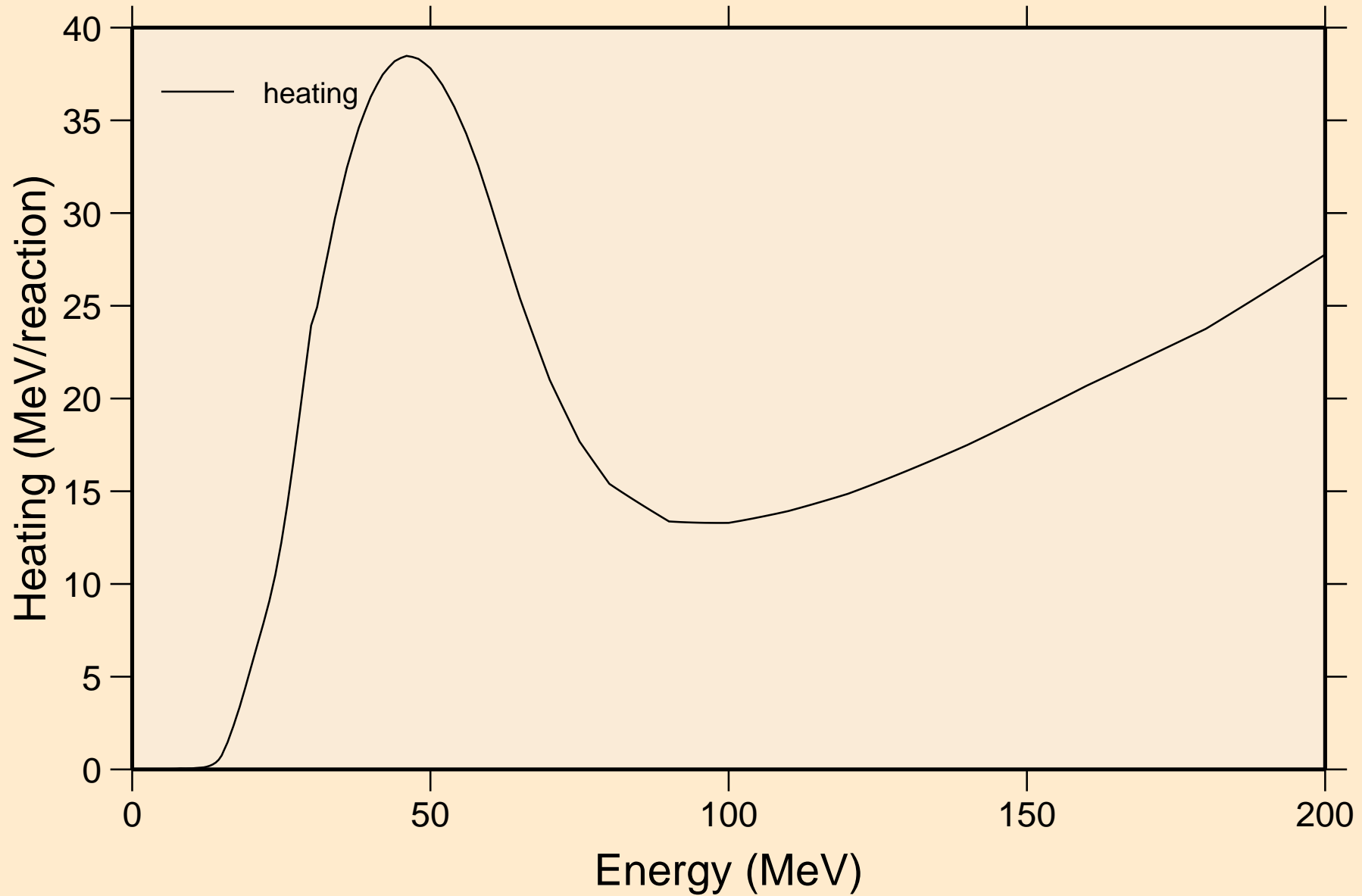
# FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



# FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

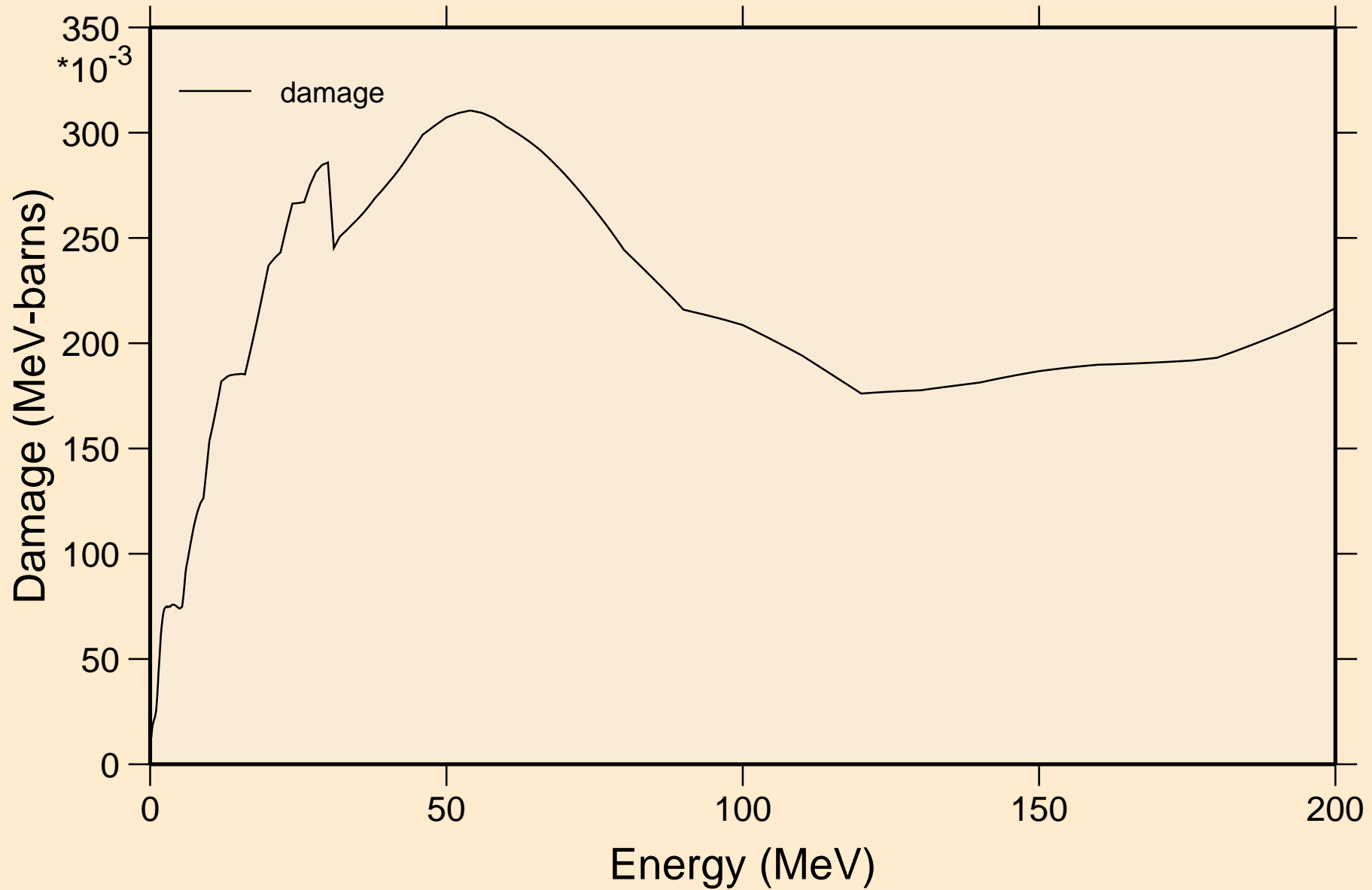
## Heating





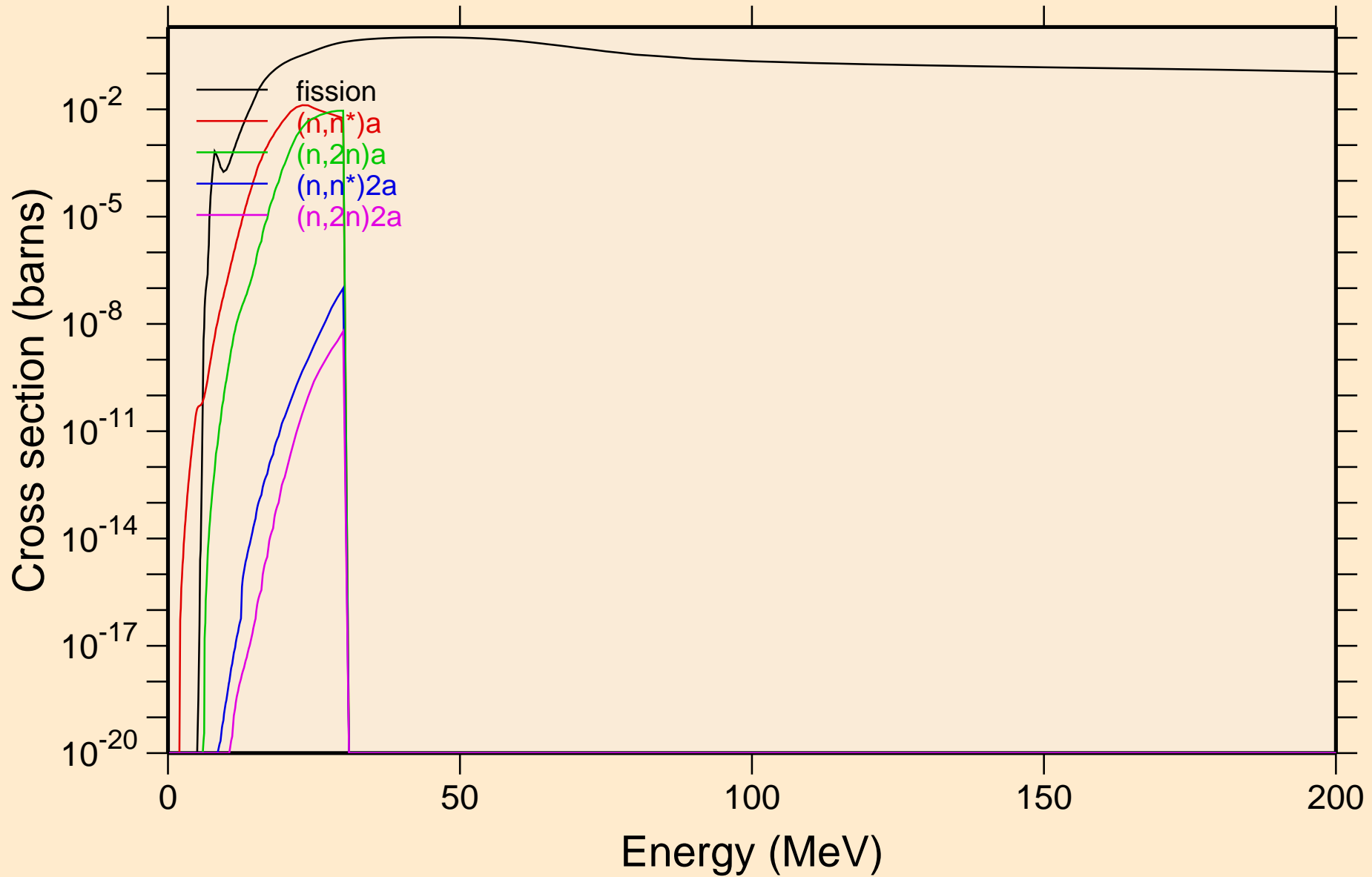
# FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



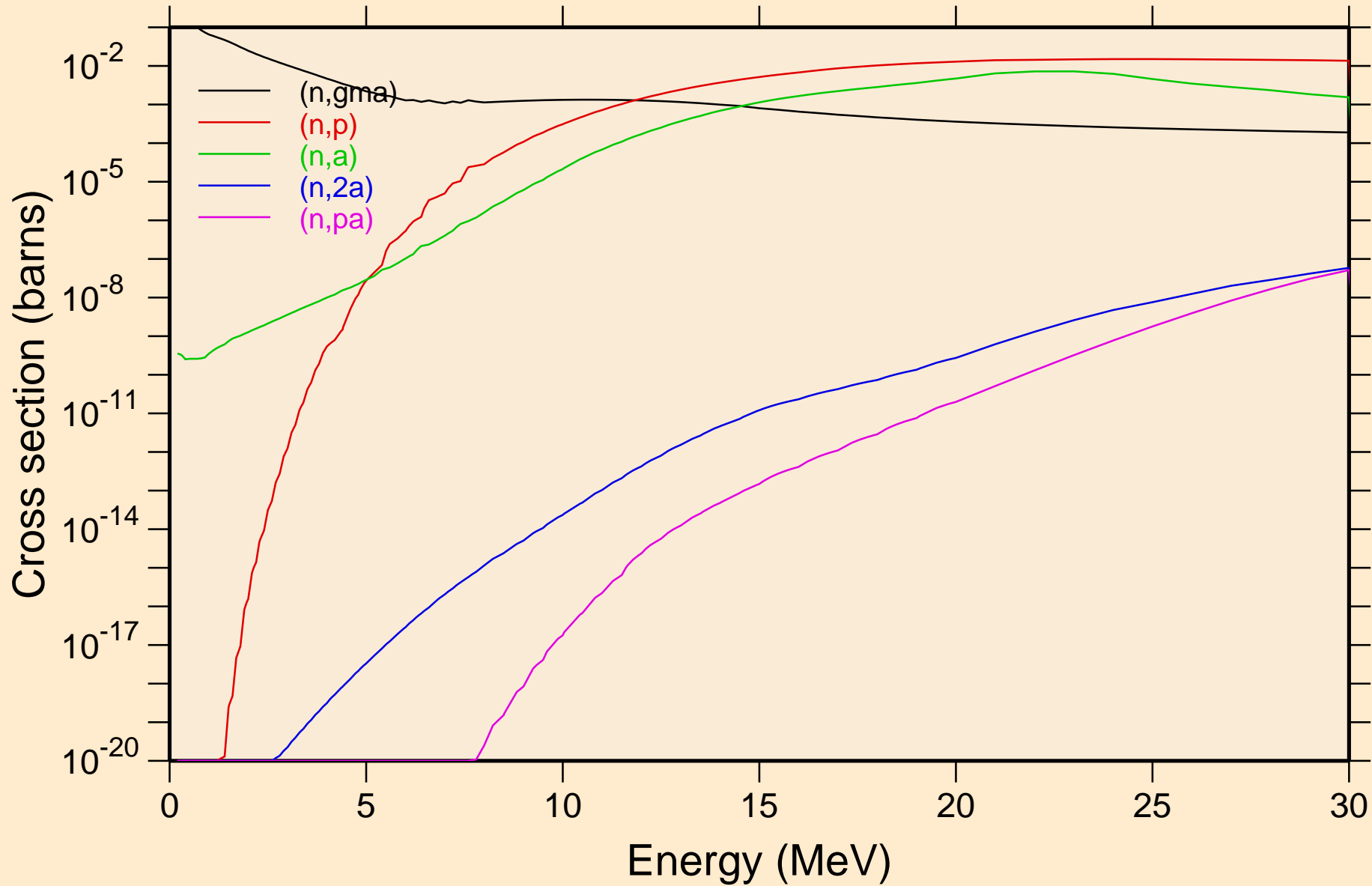
# FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

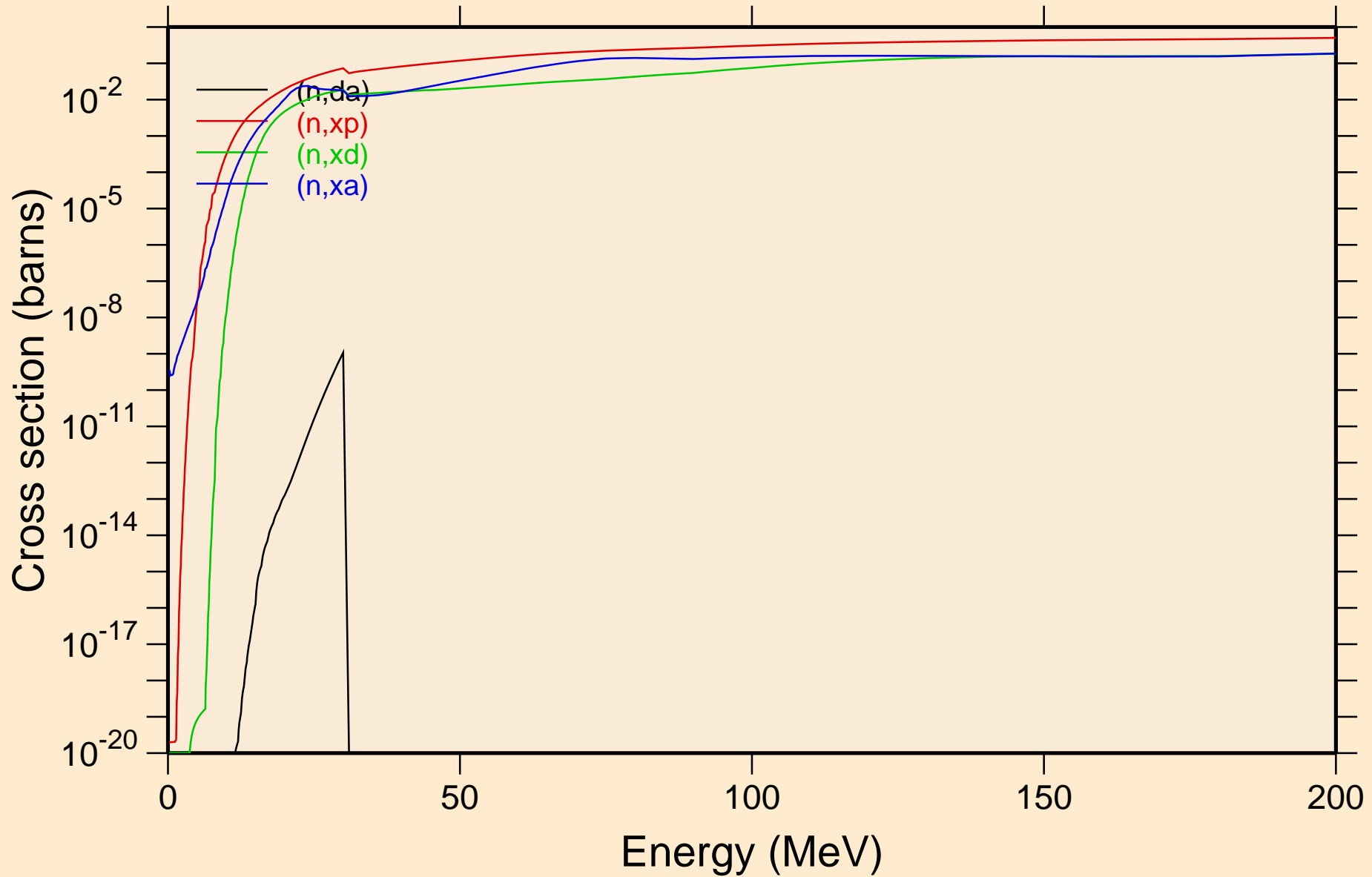


# FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

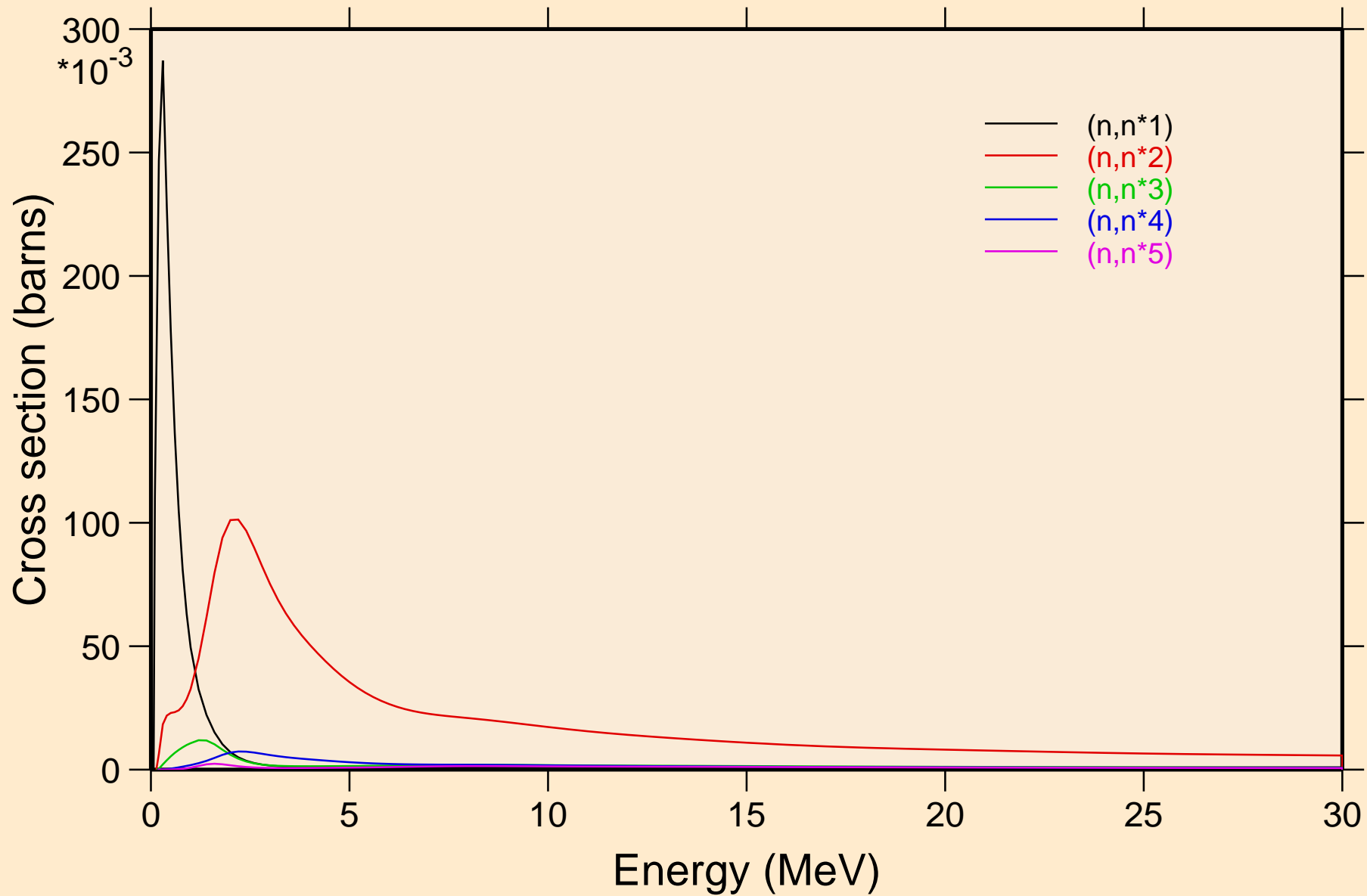
## Non-threshold reactions



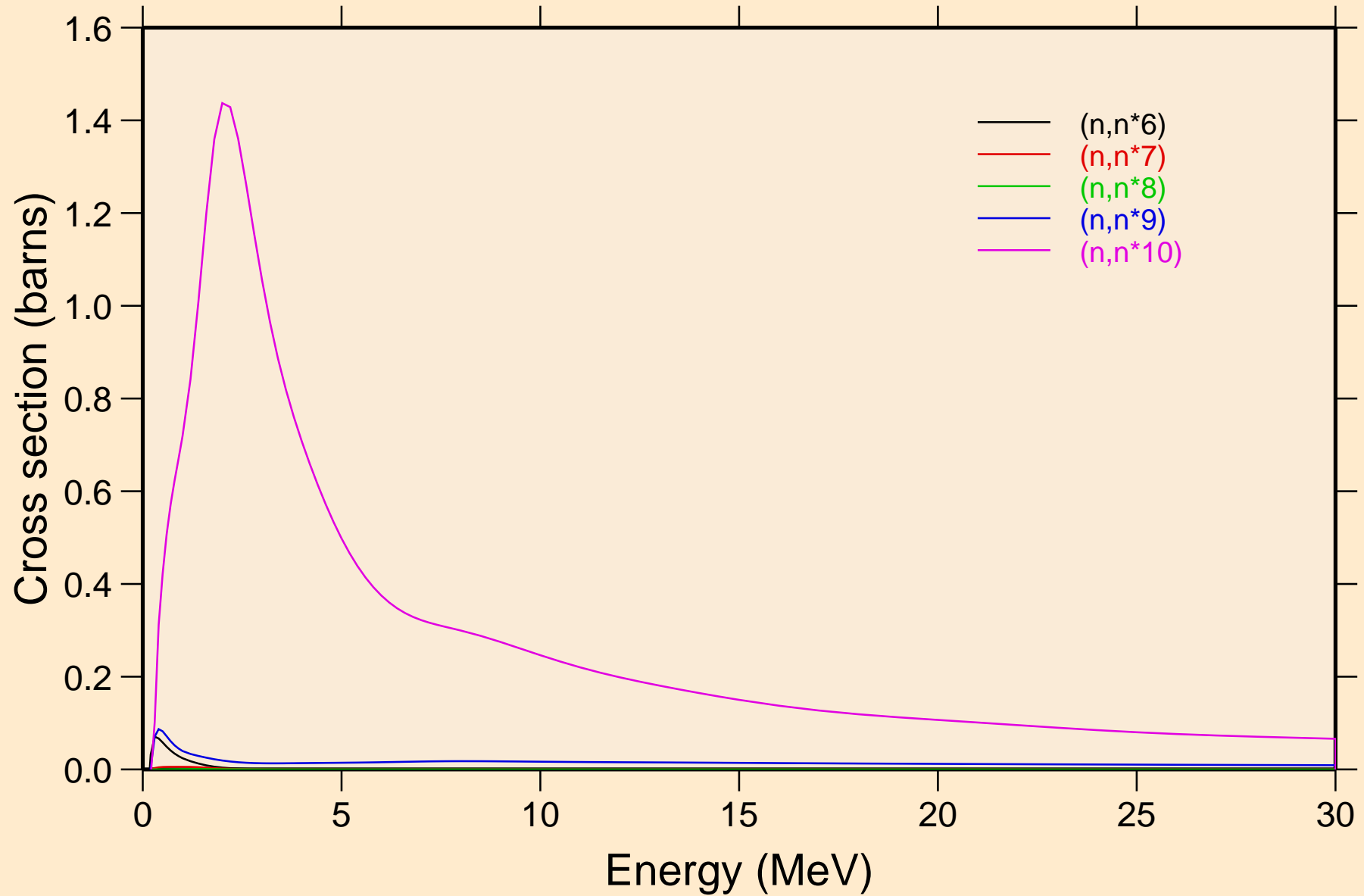
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



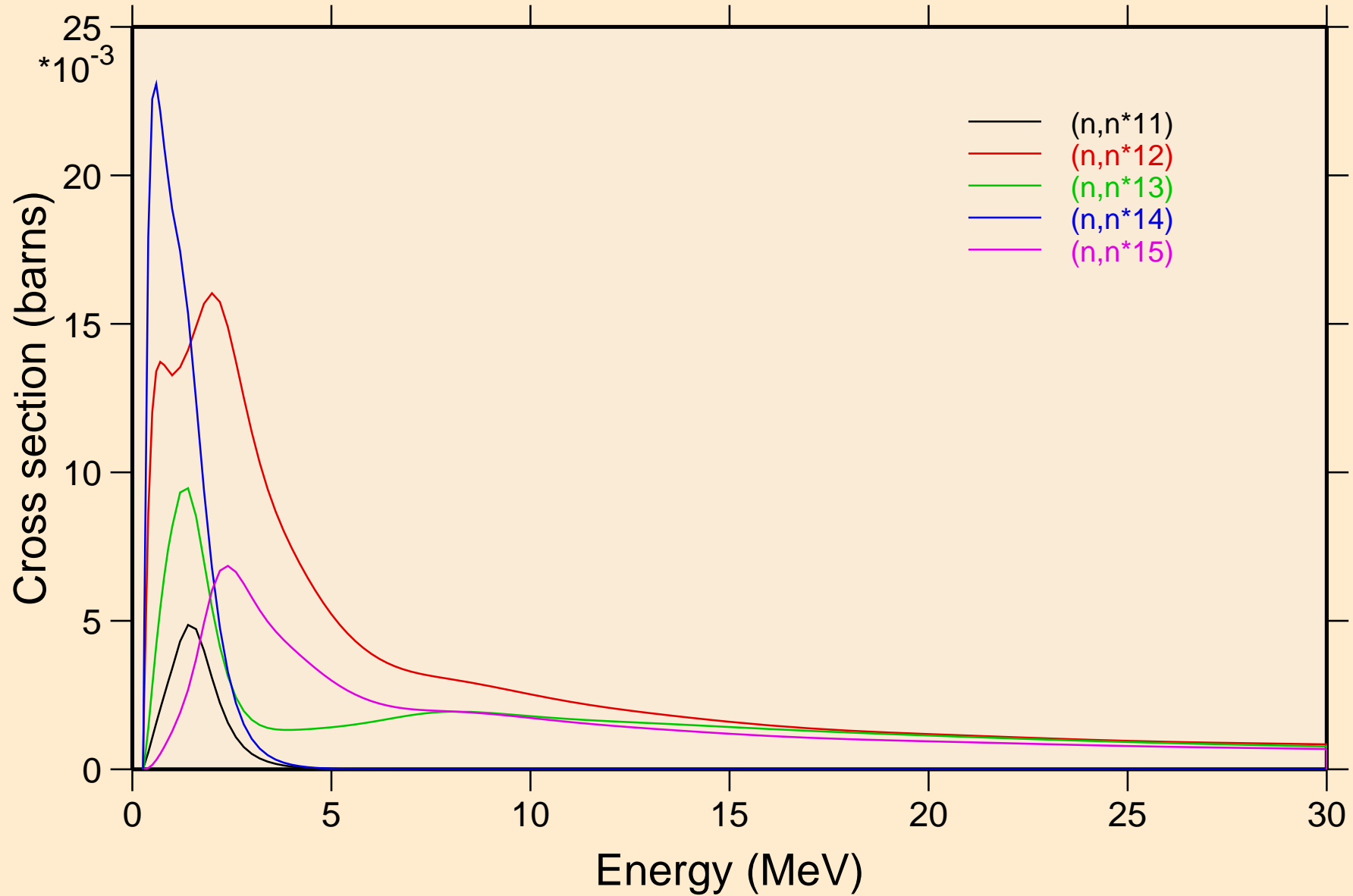
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



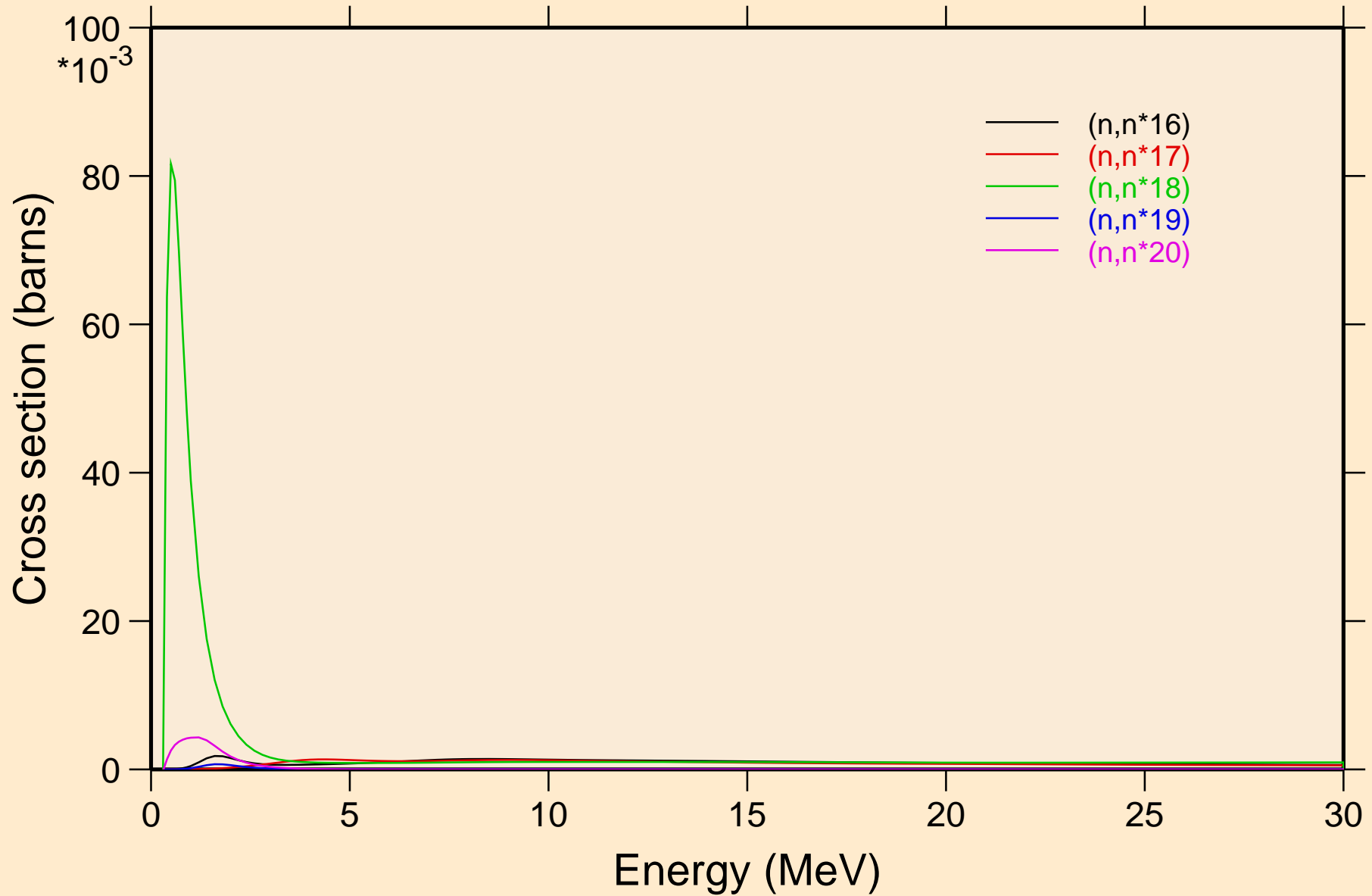
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



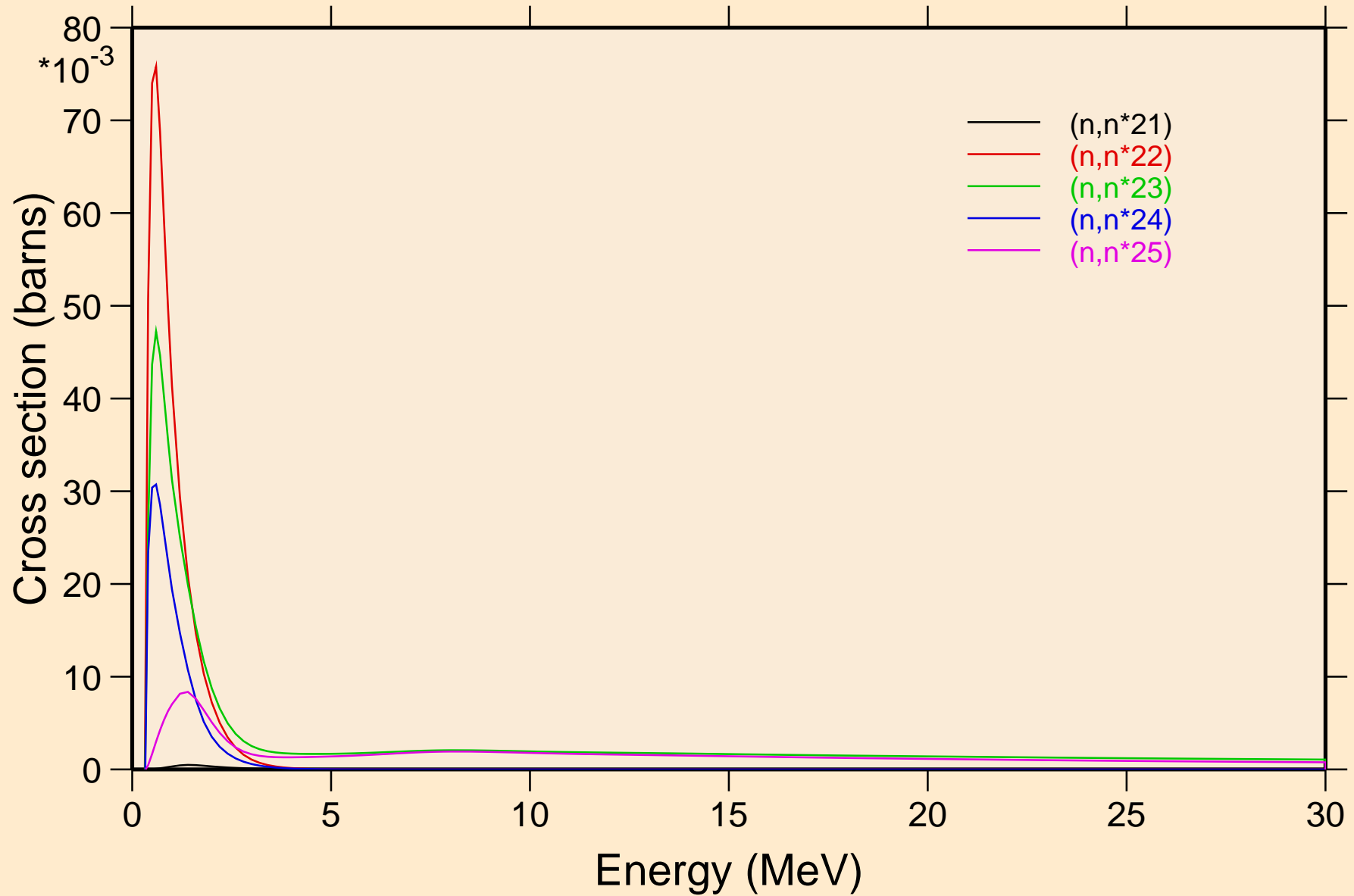
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



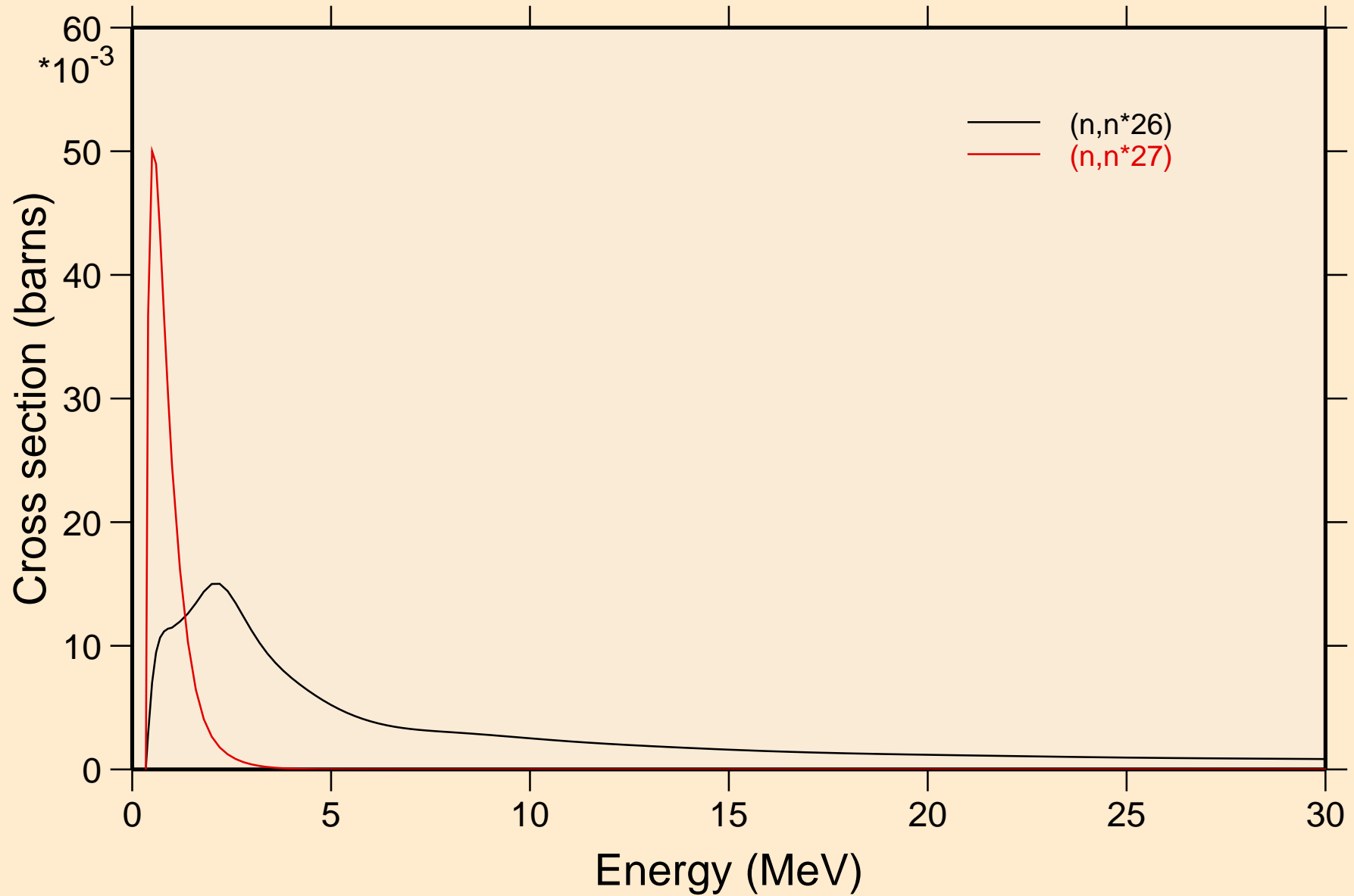


# FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Inelastic levels

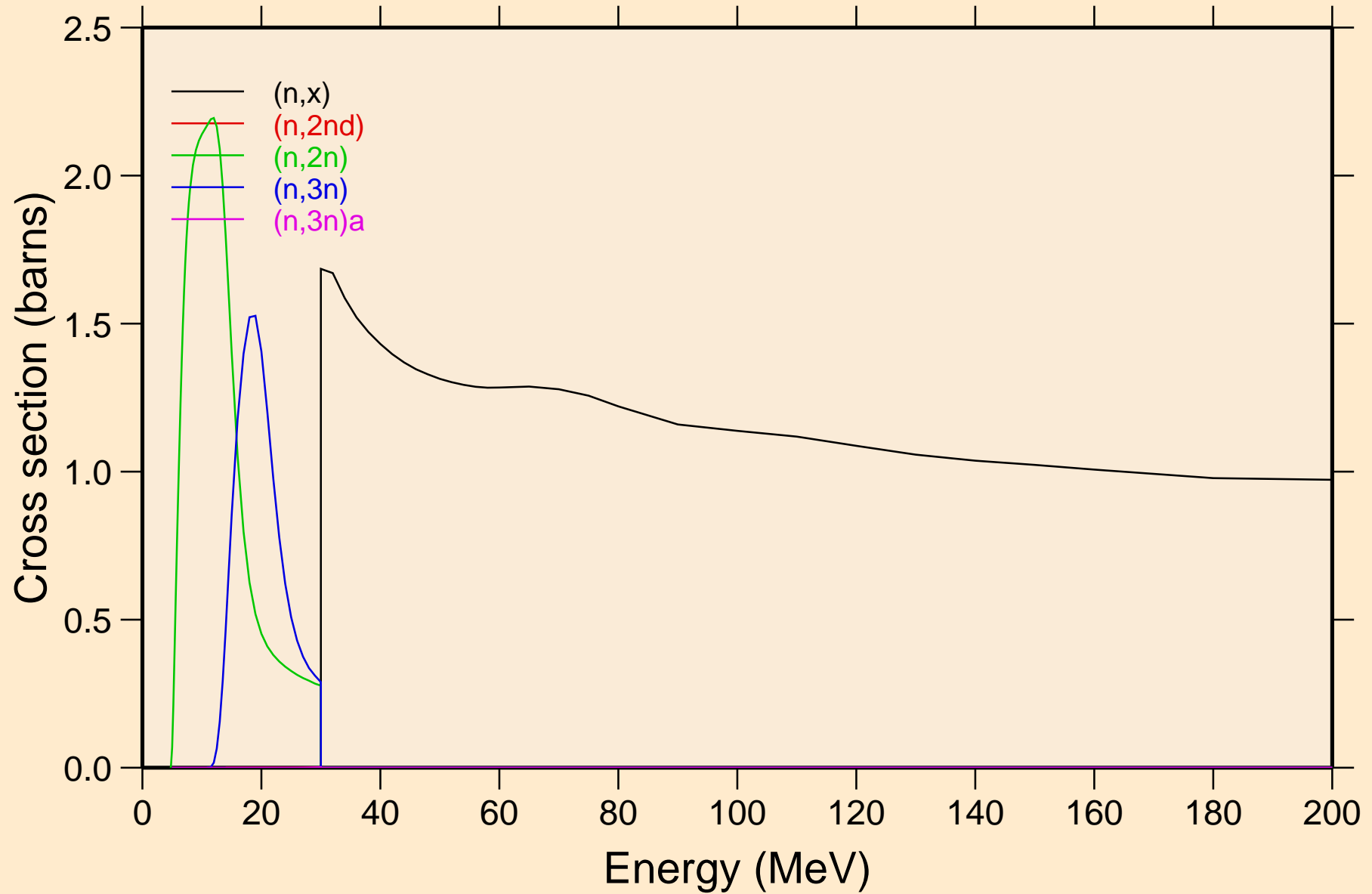


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

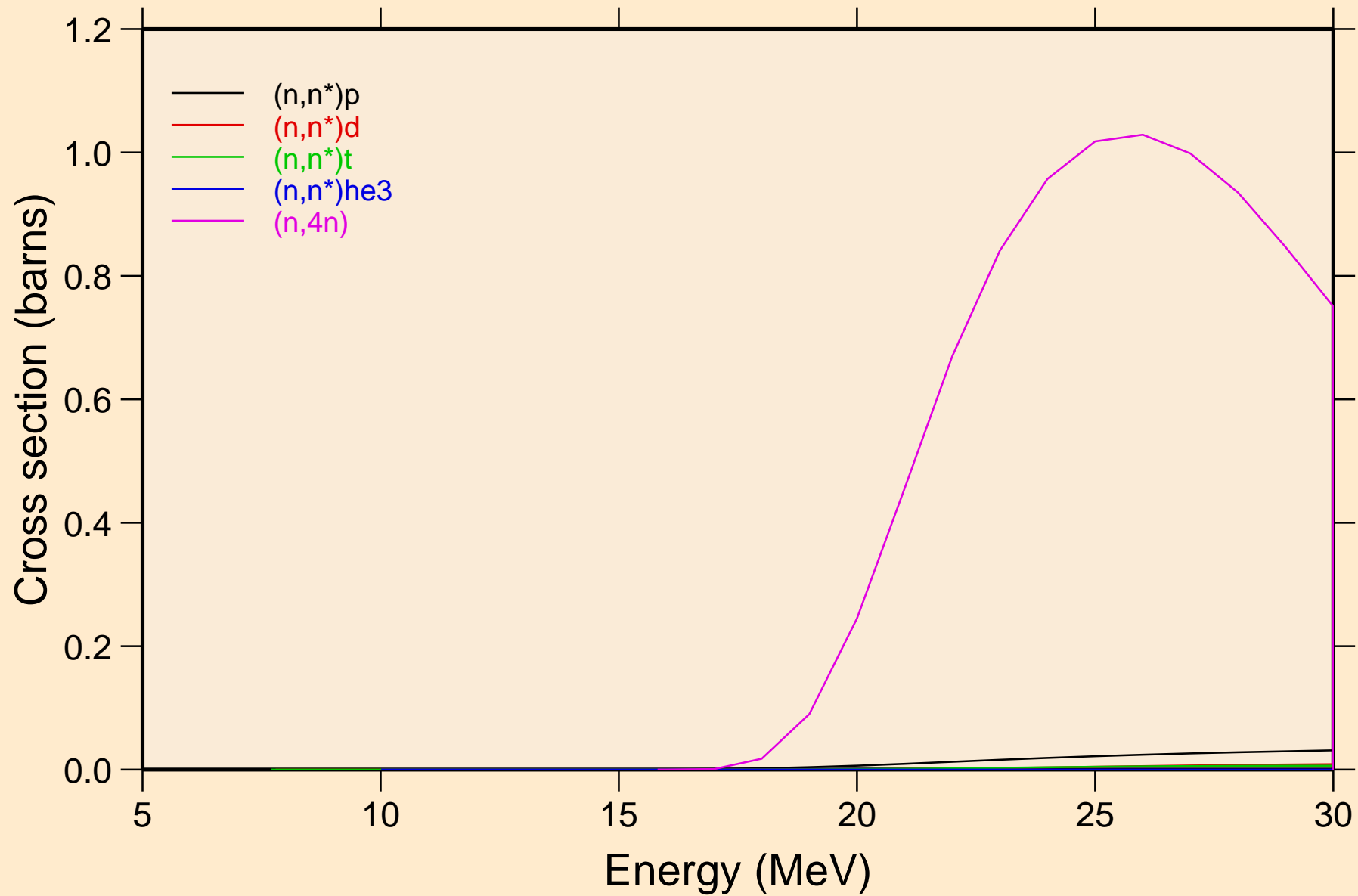


# FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

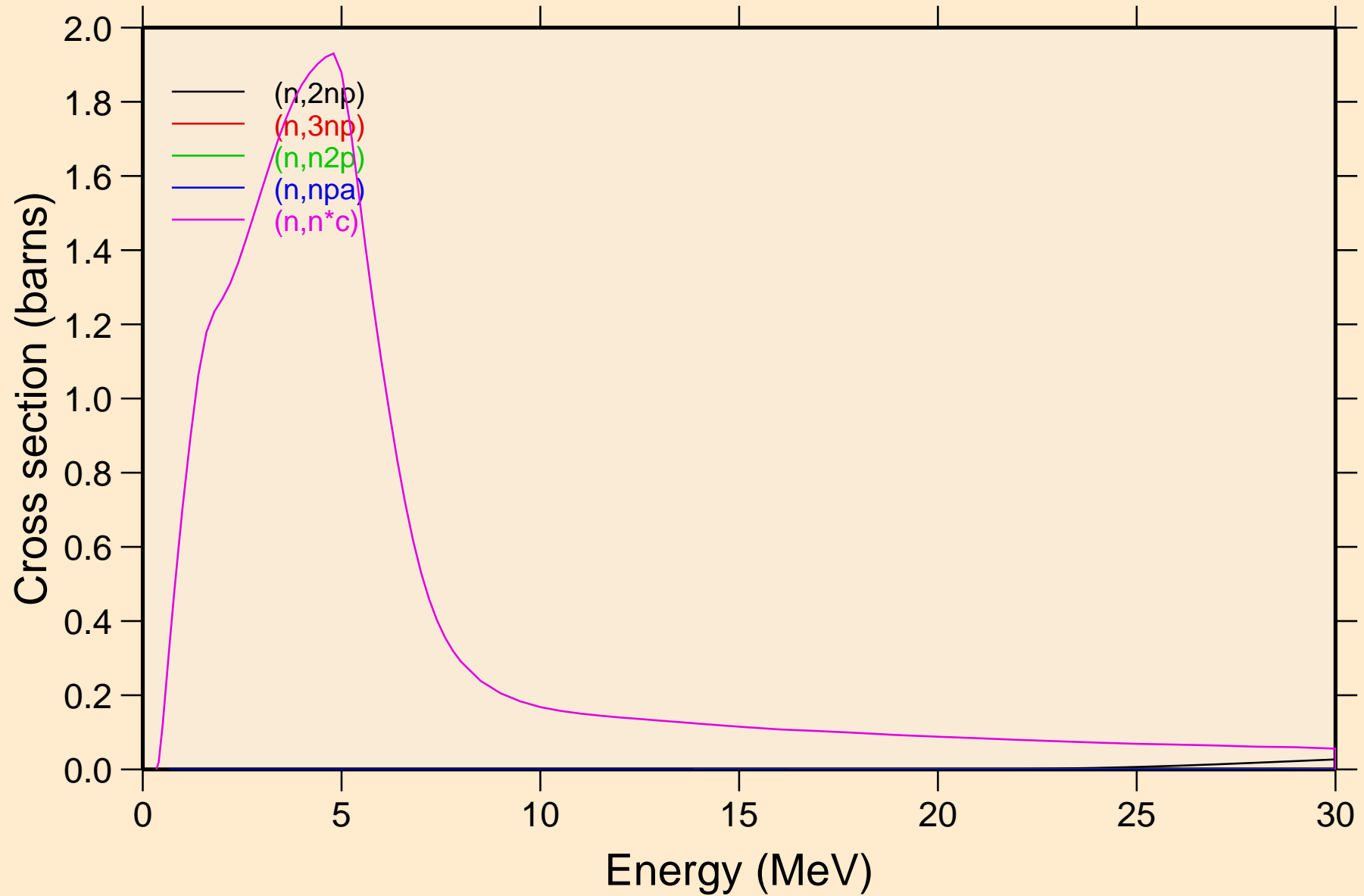
## Threshold reactions



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

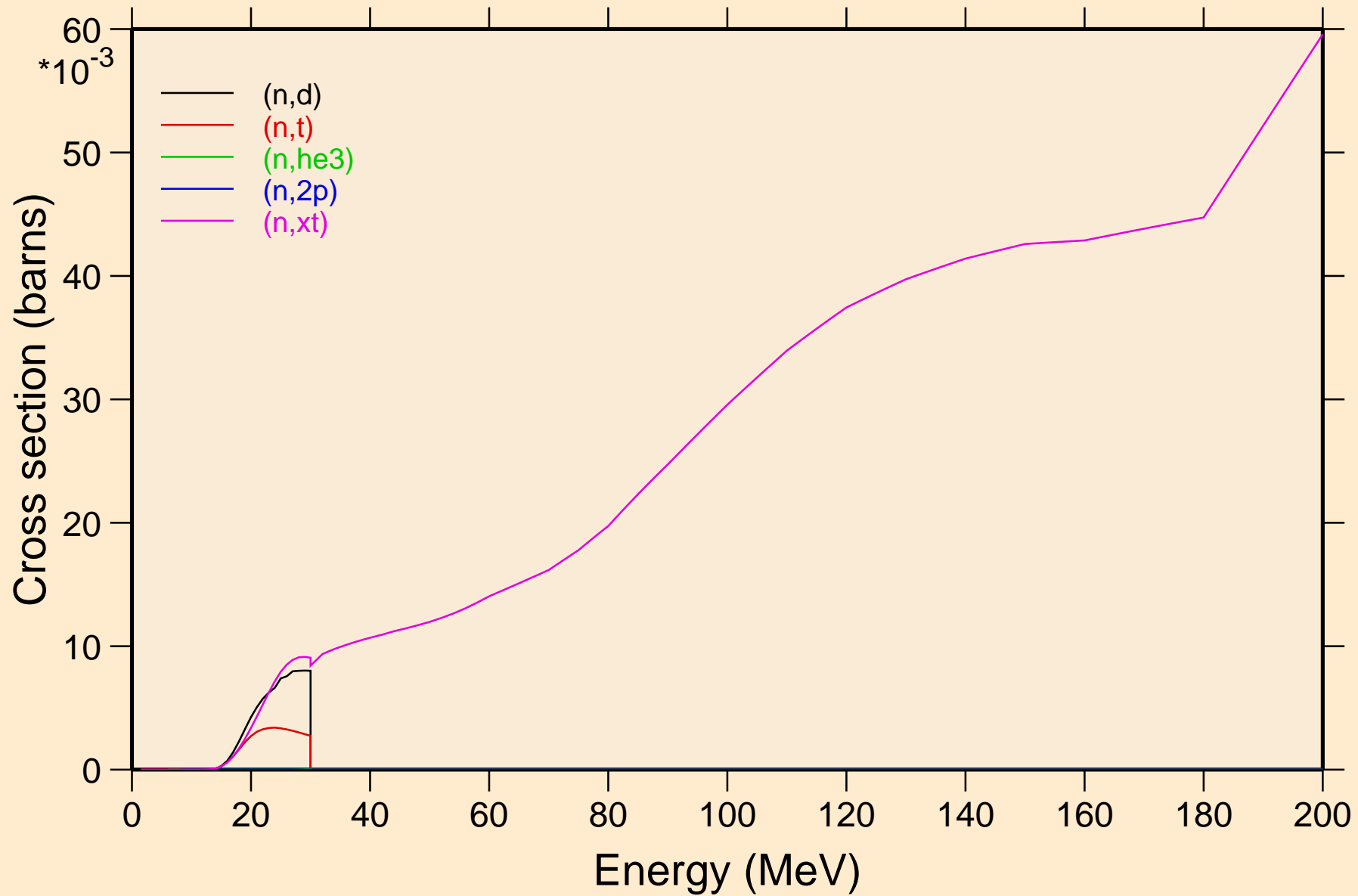


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

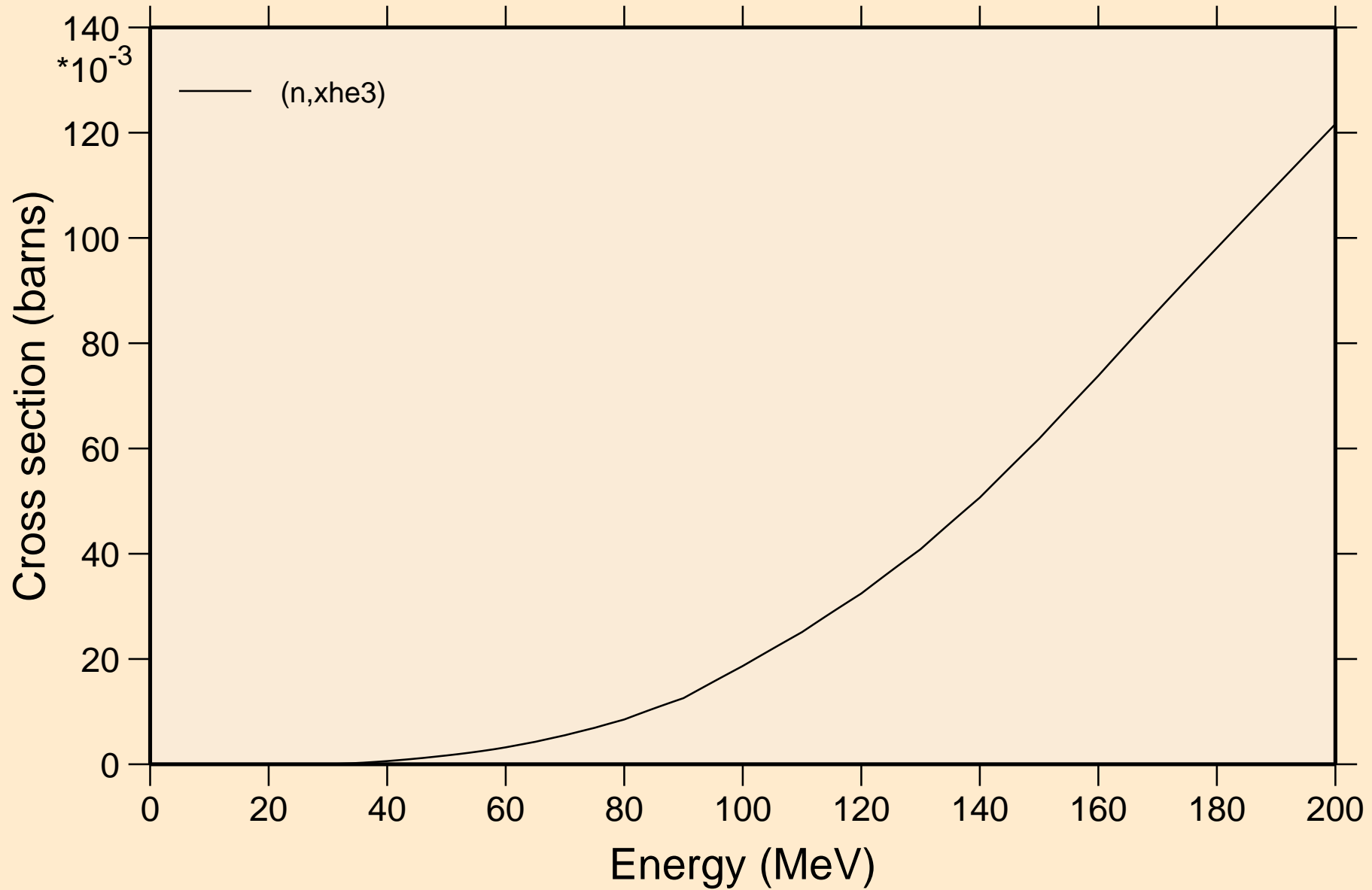


# FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

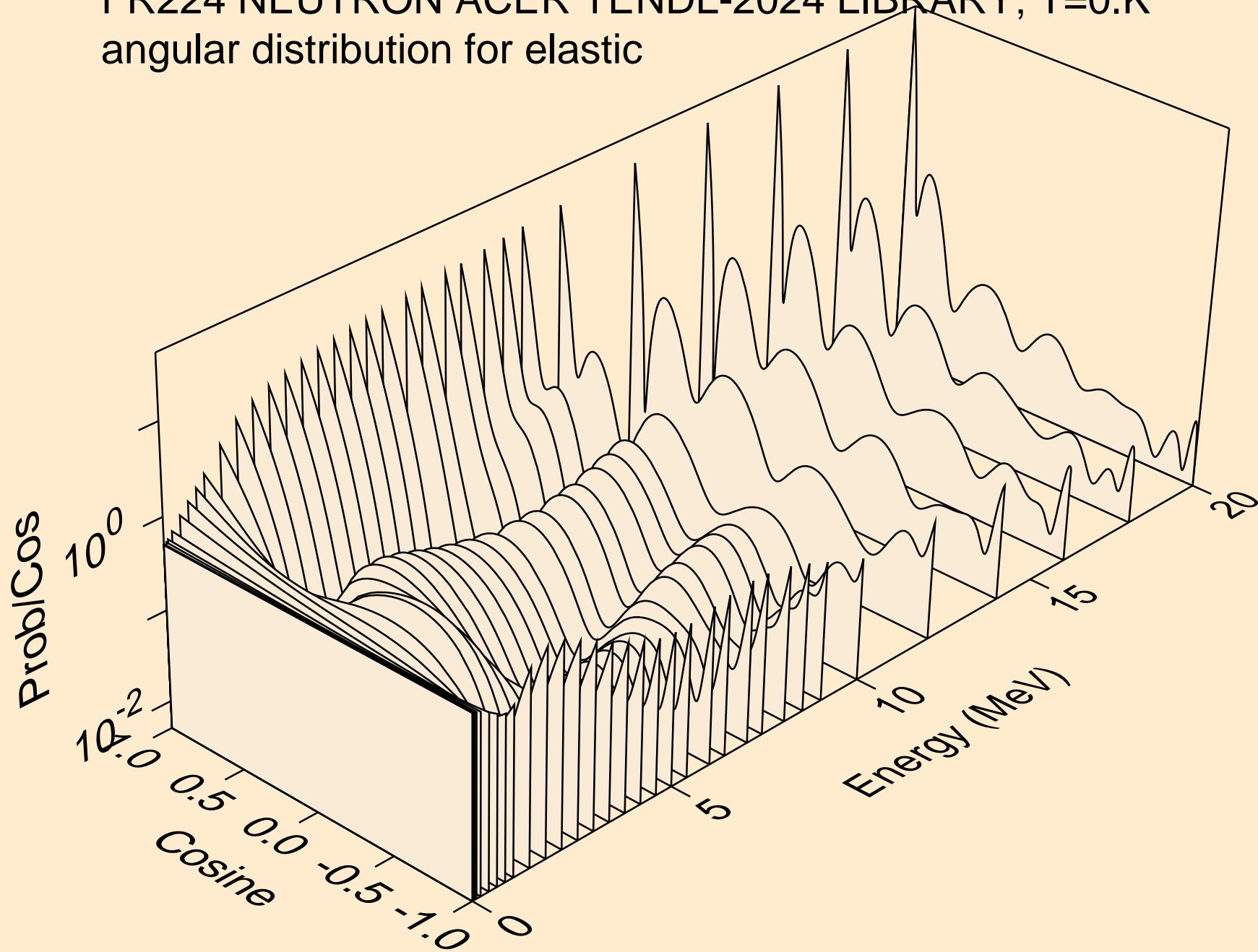
## Threshold reactions



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions

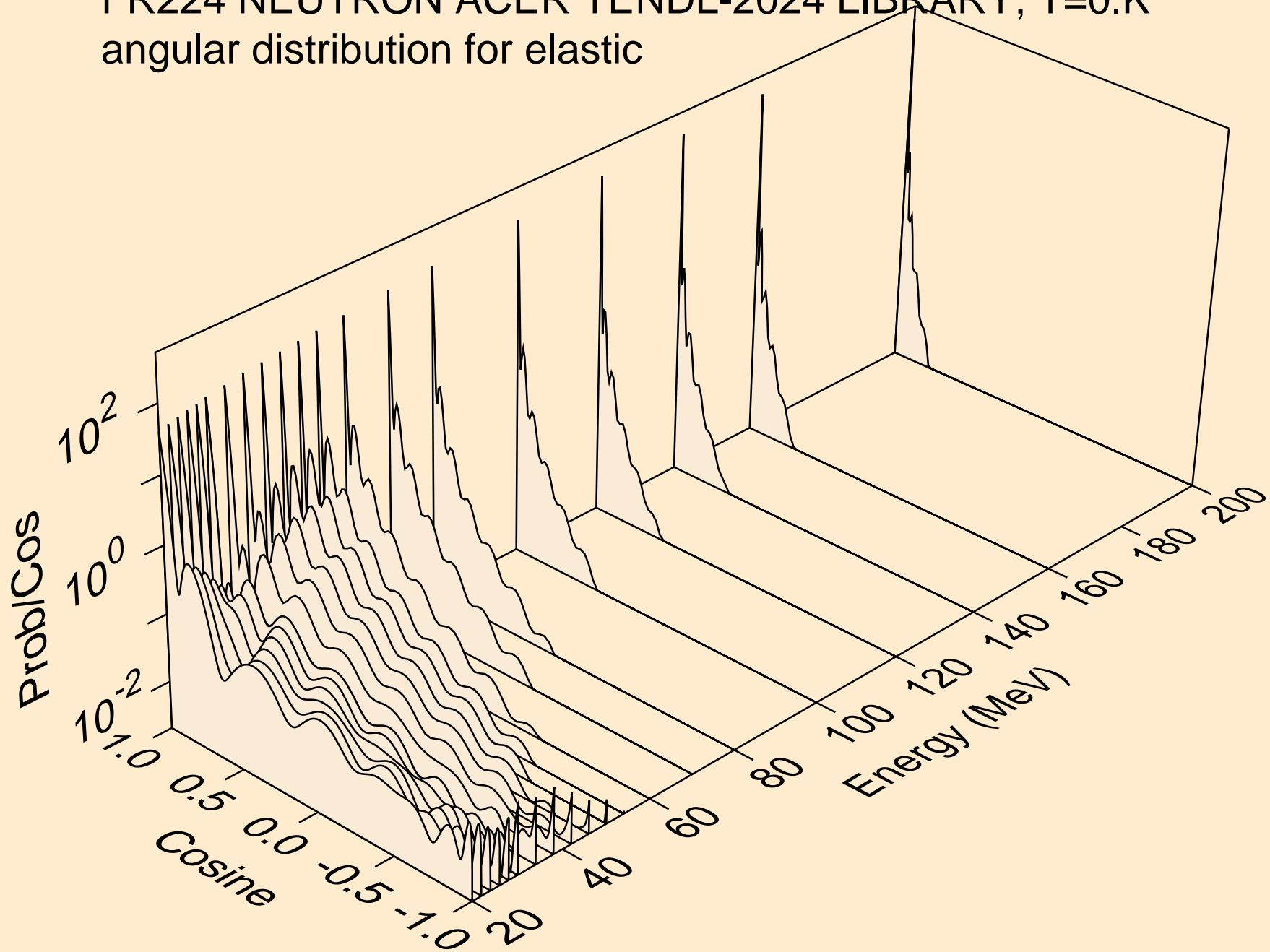


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

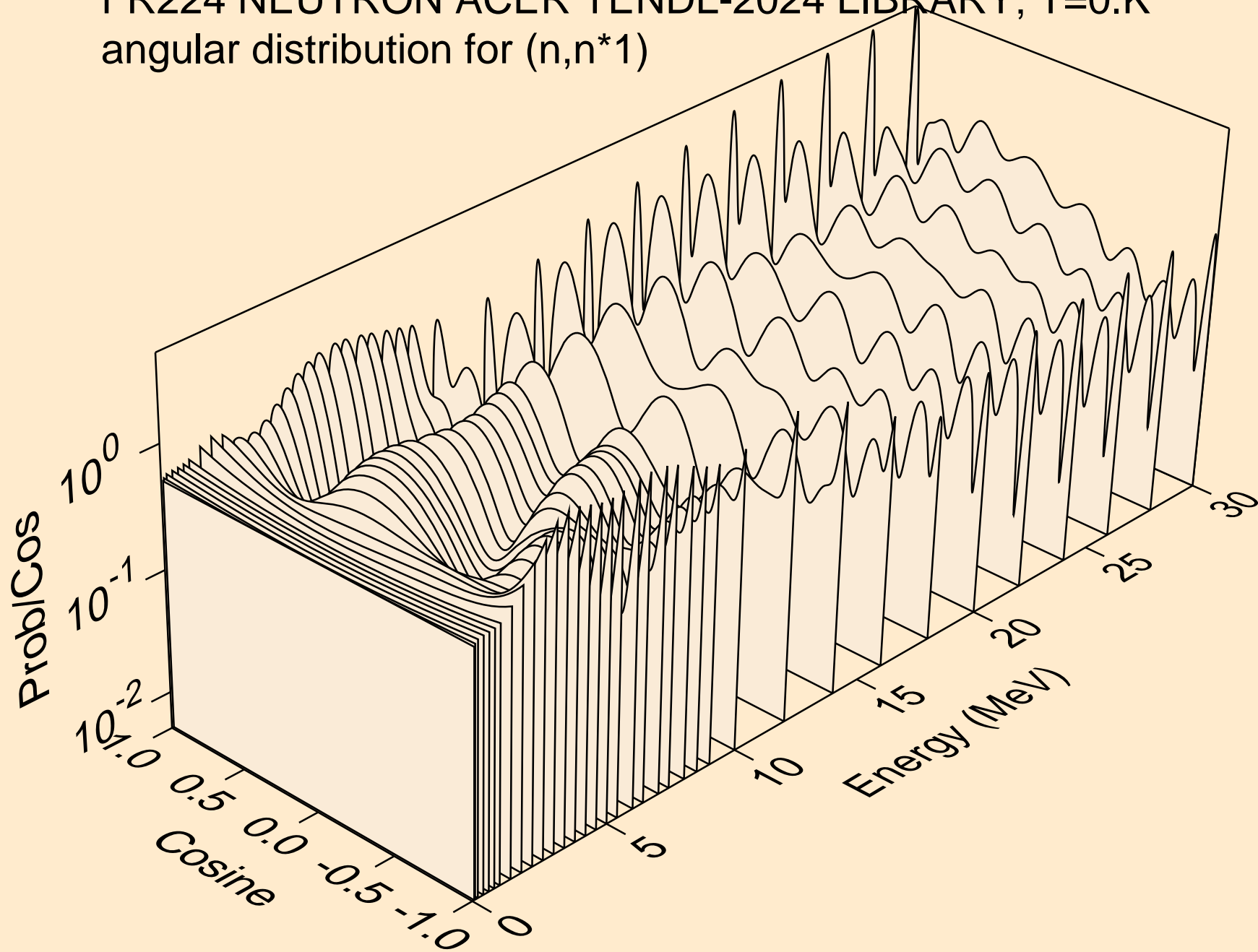




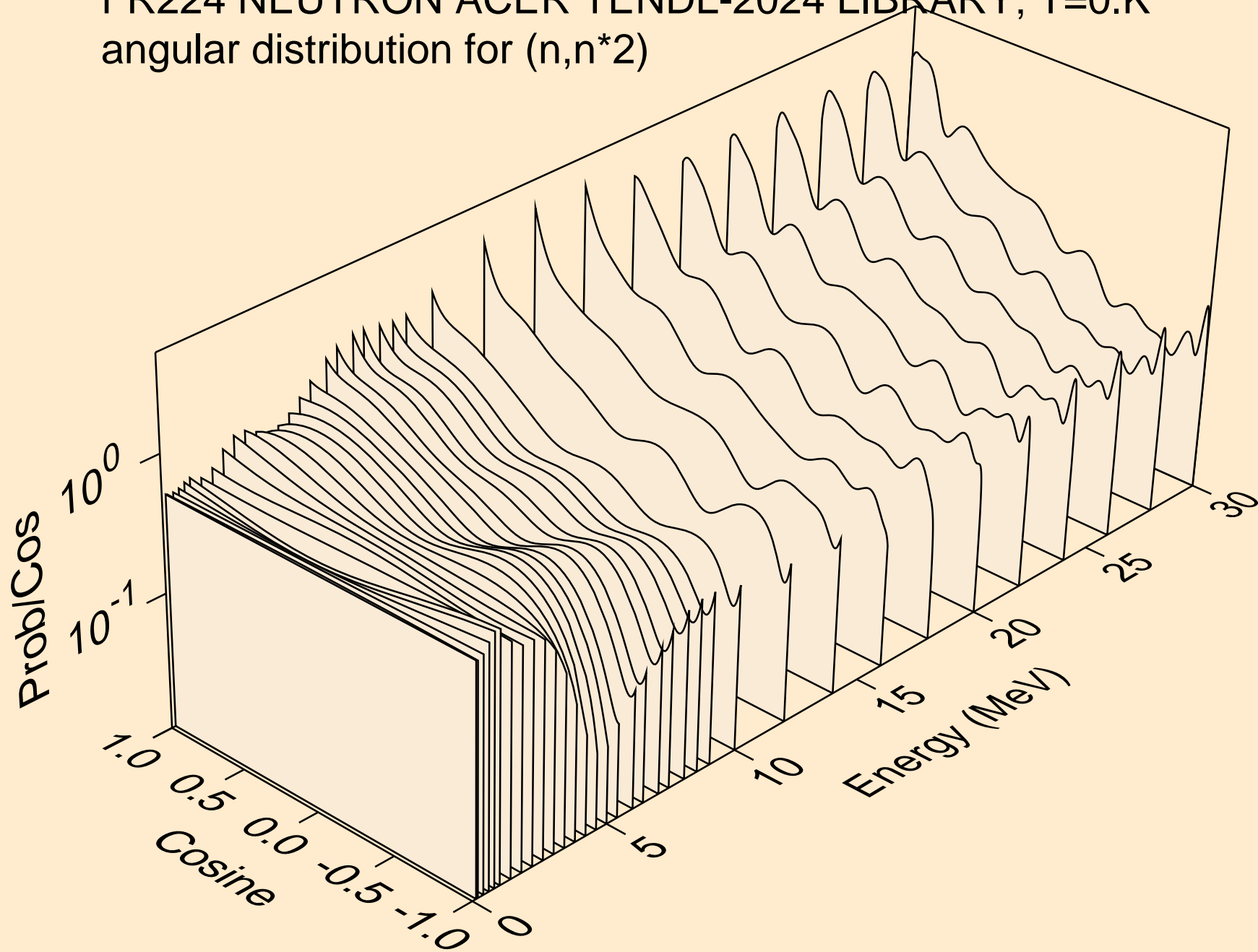
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



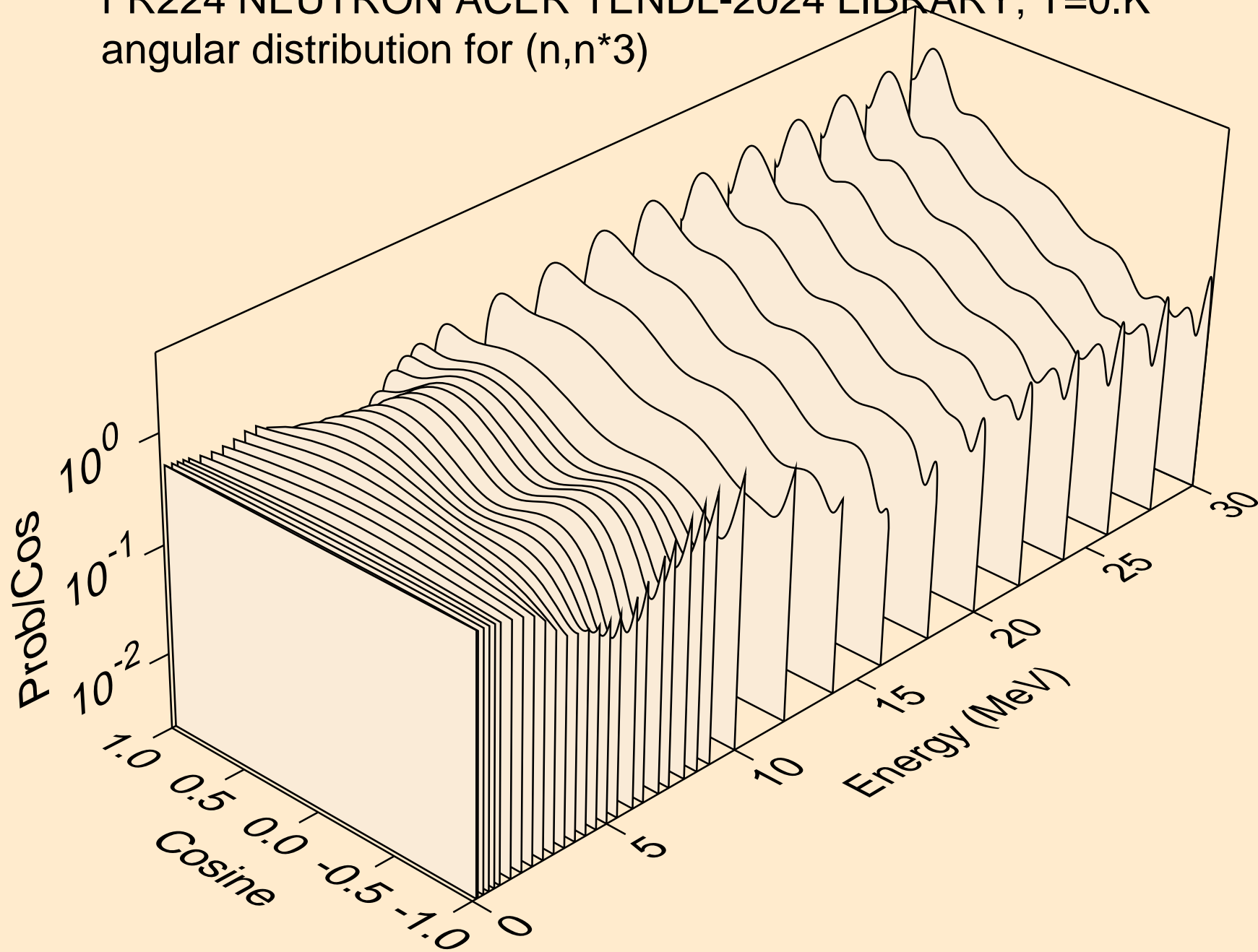
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



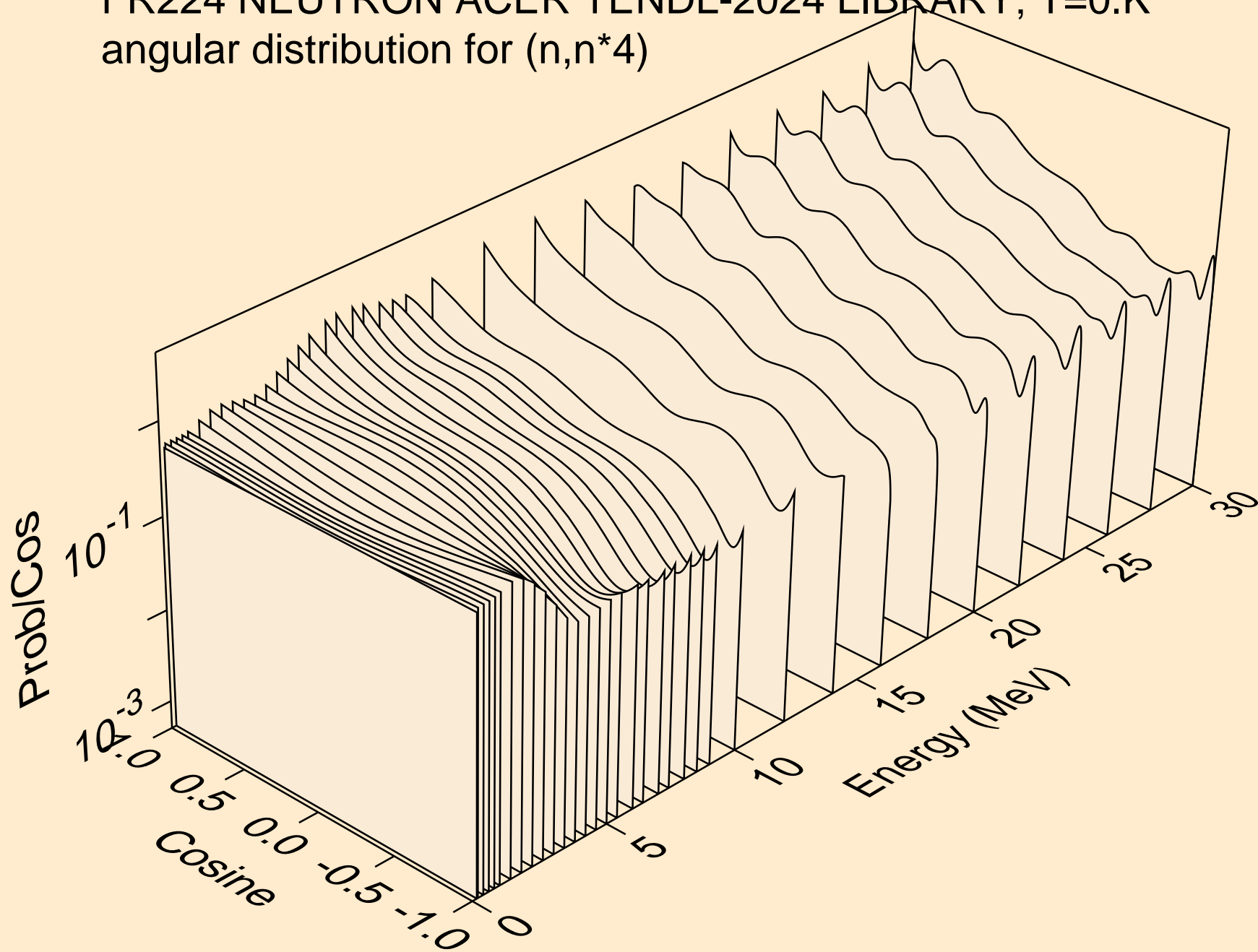
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



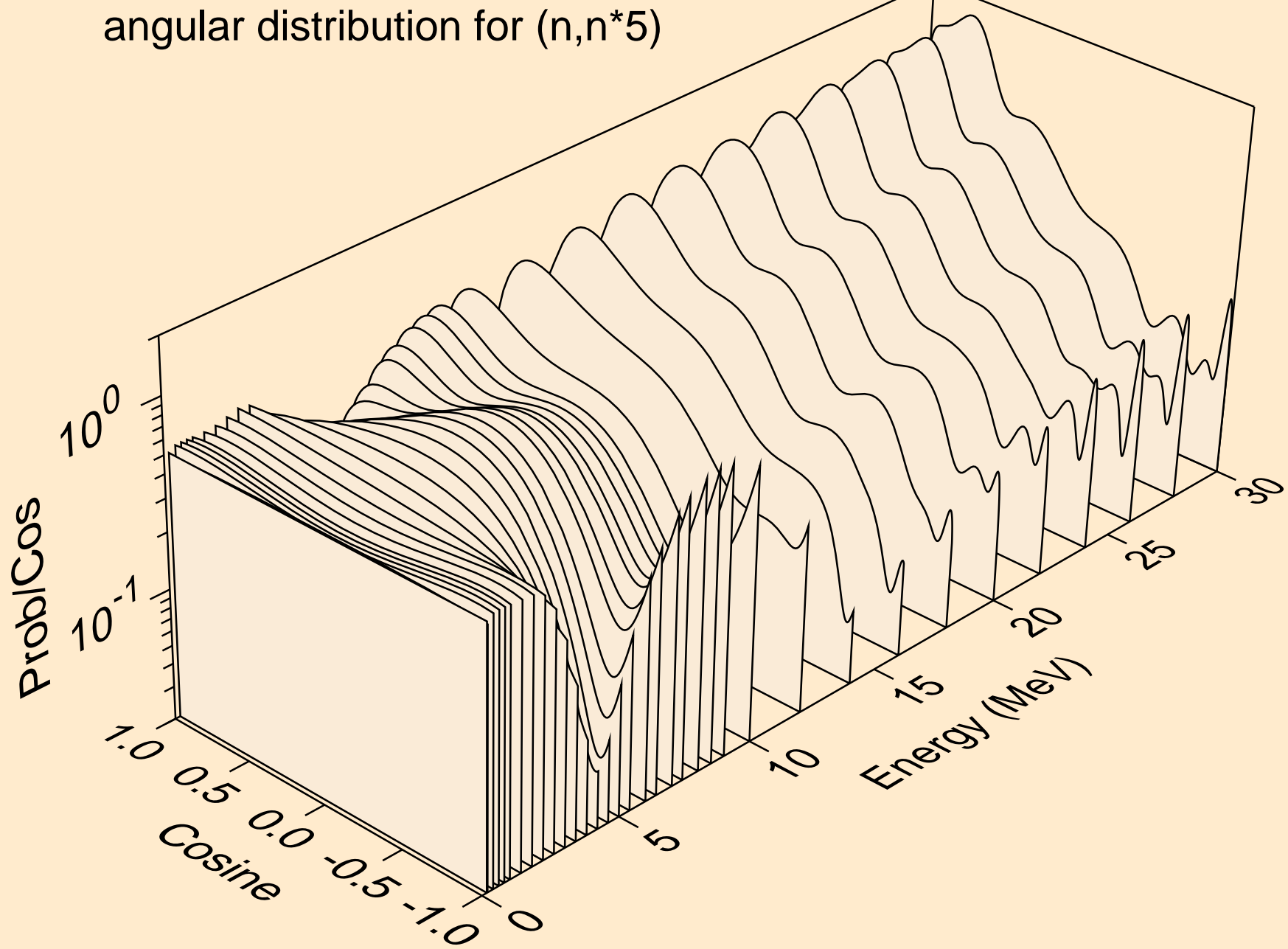
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



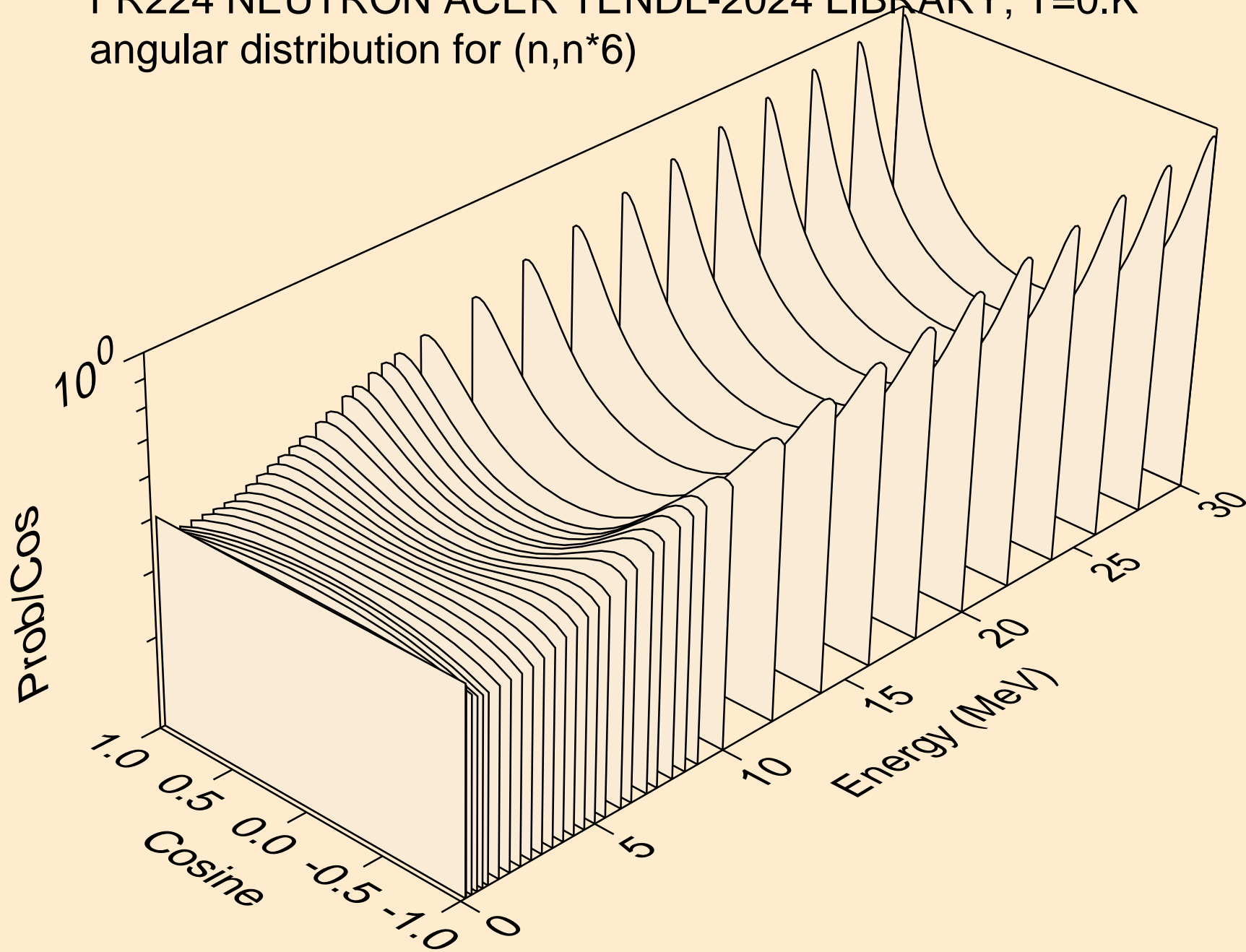
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



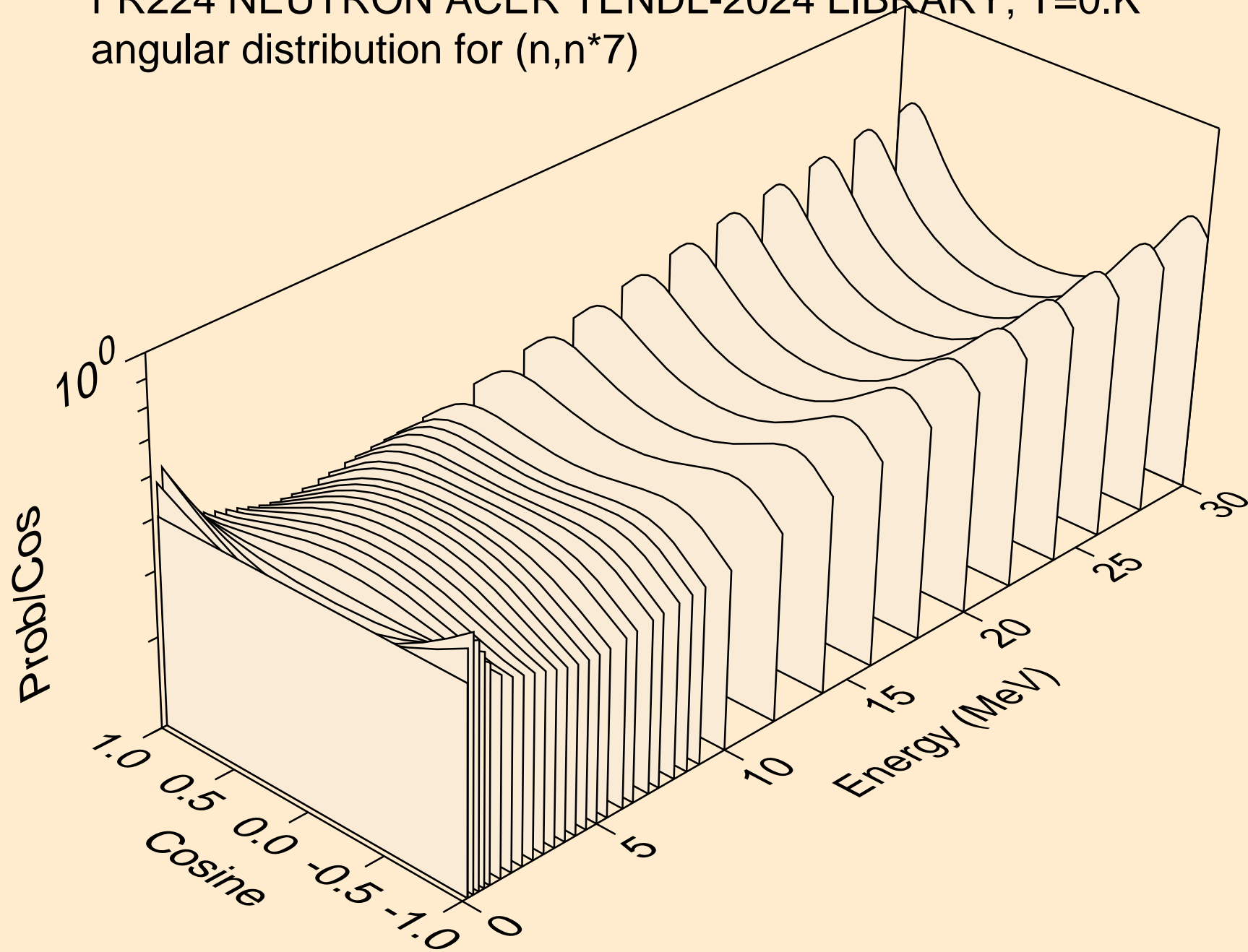
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)

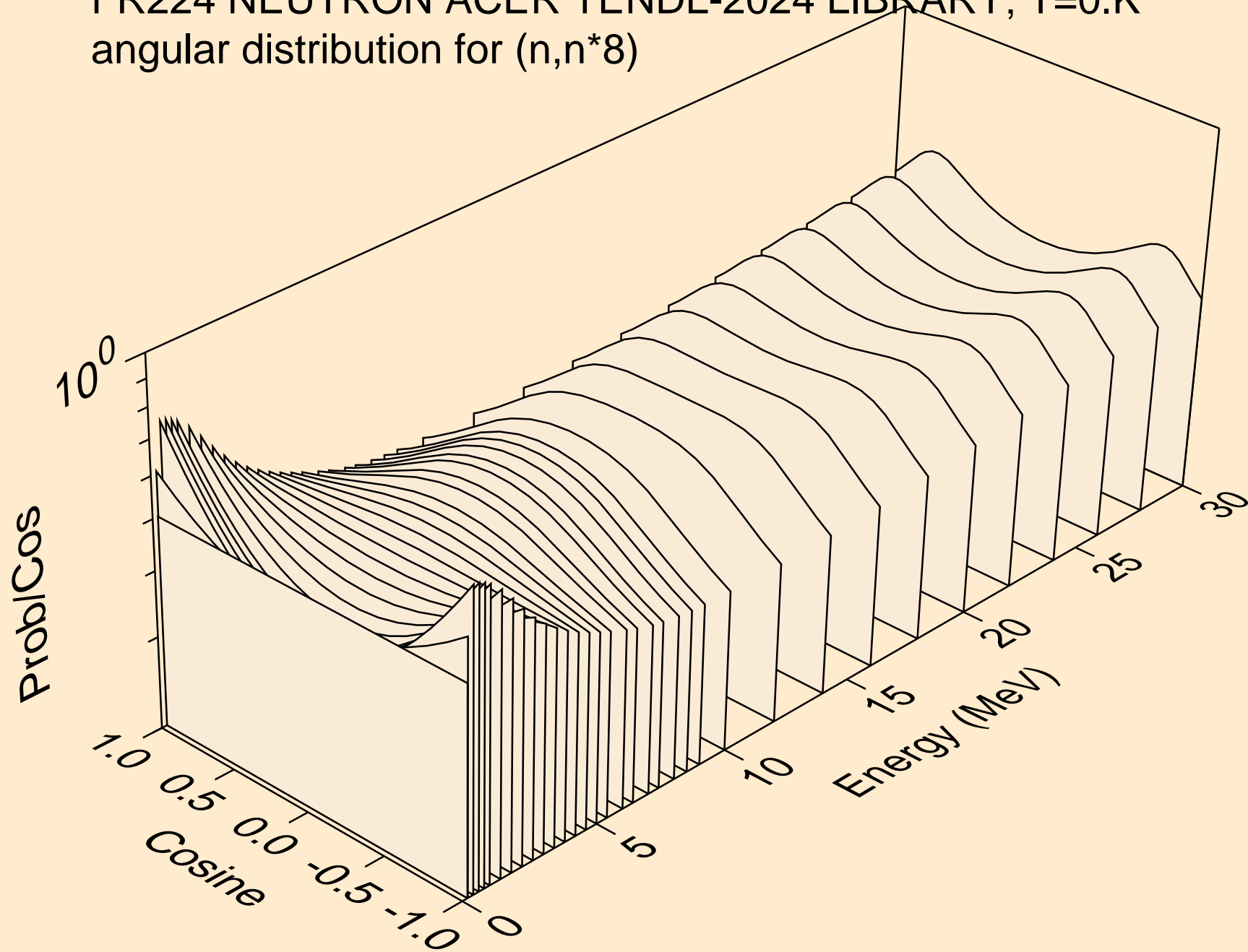


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

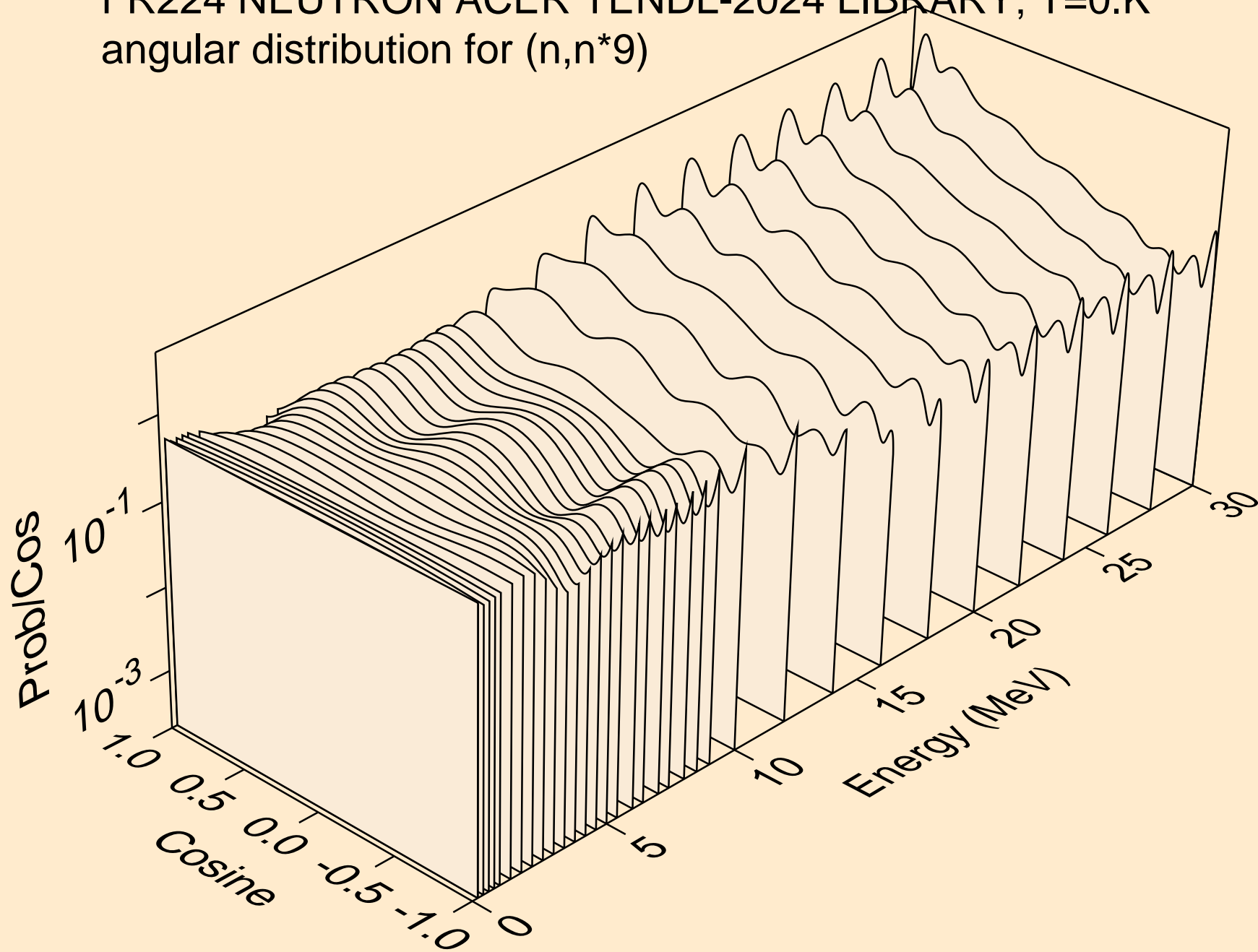




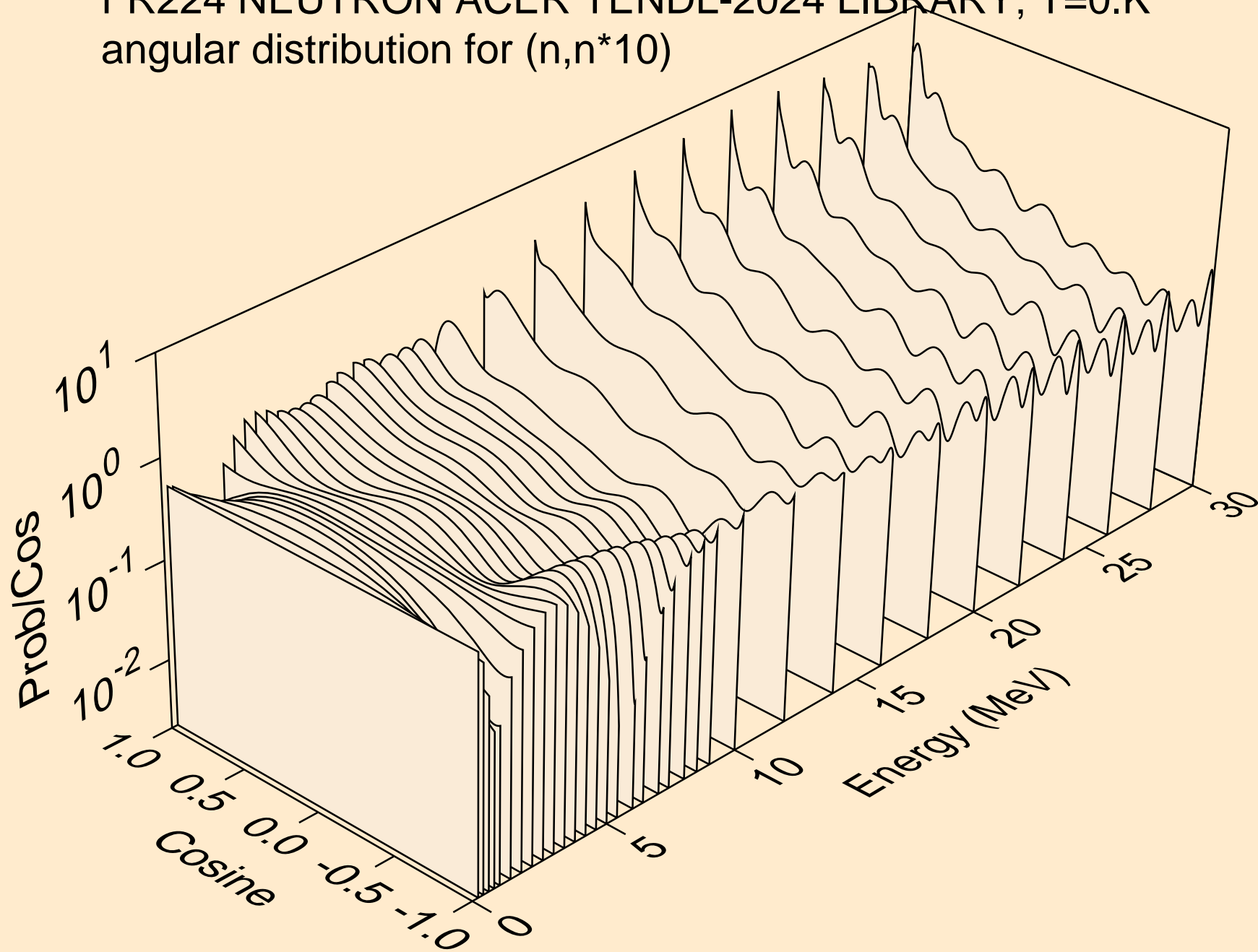
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



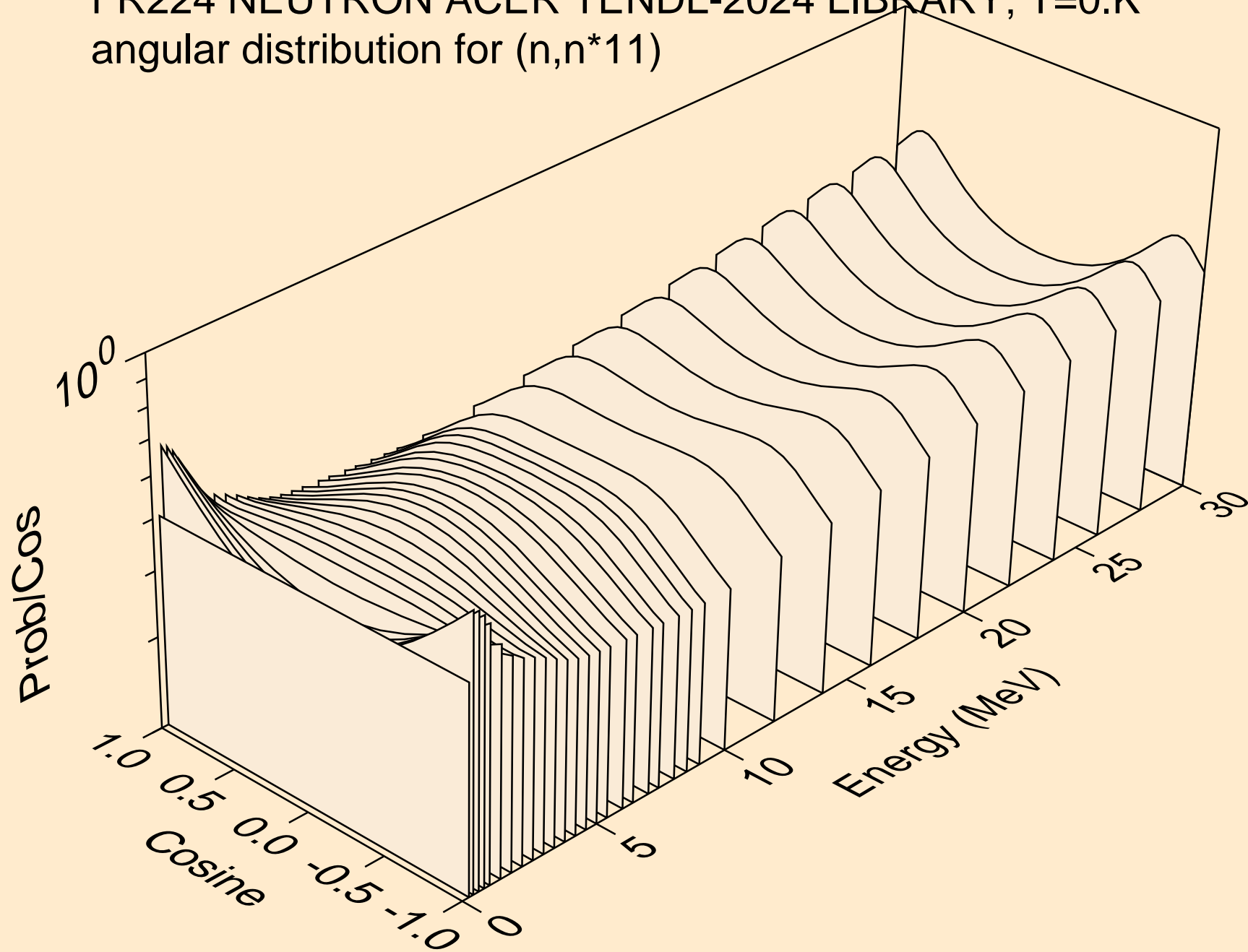
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



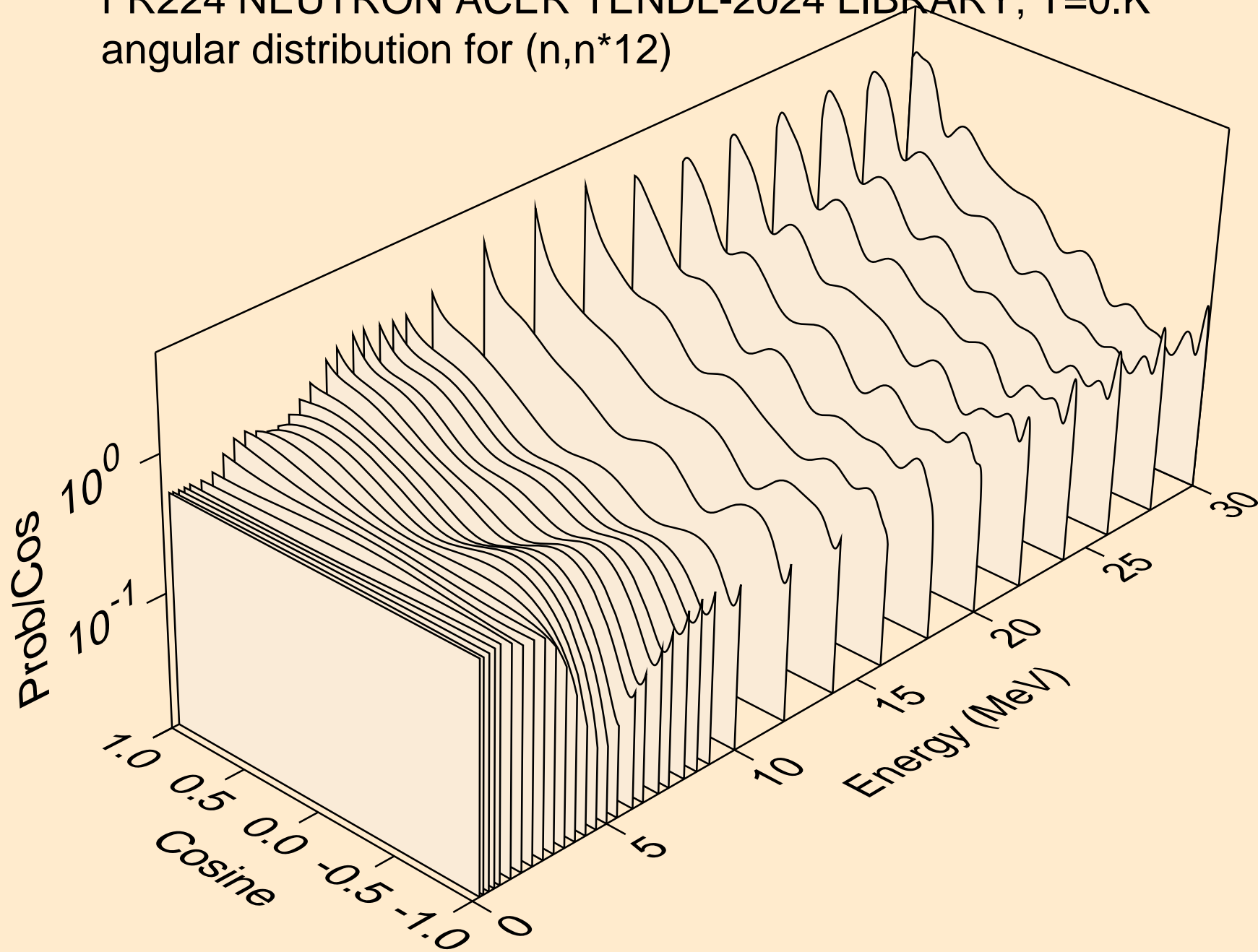
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



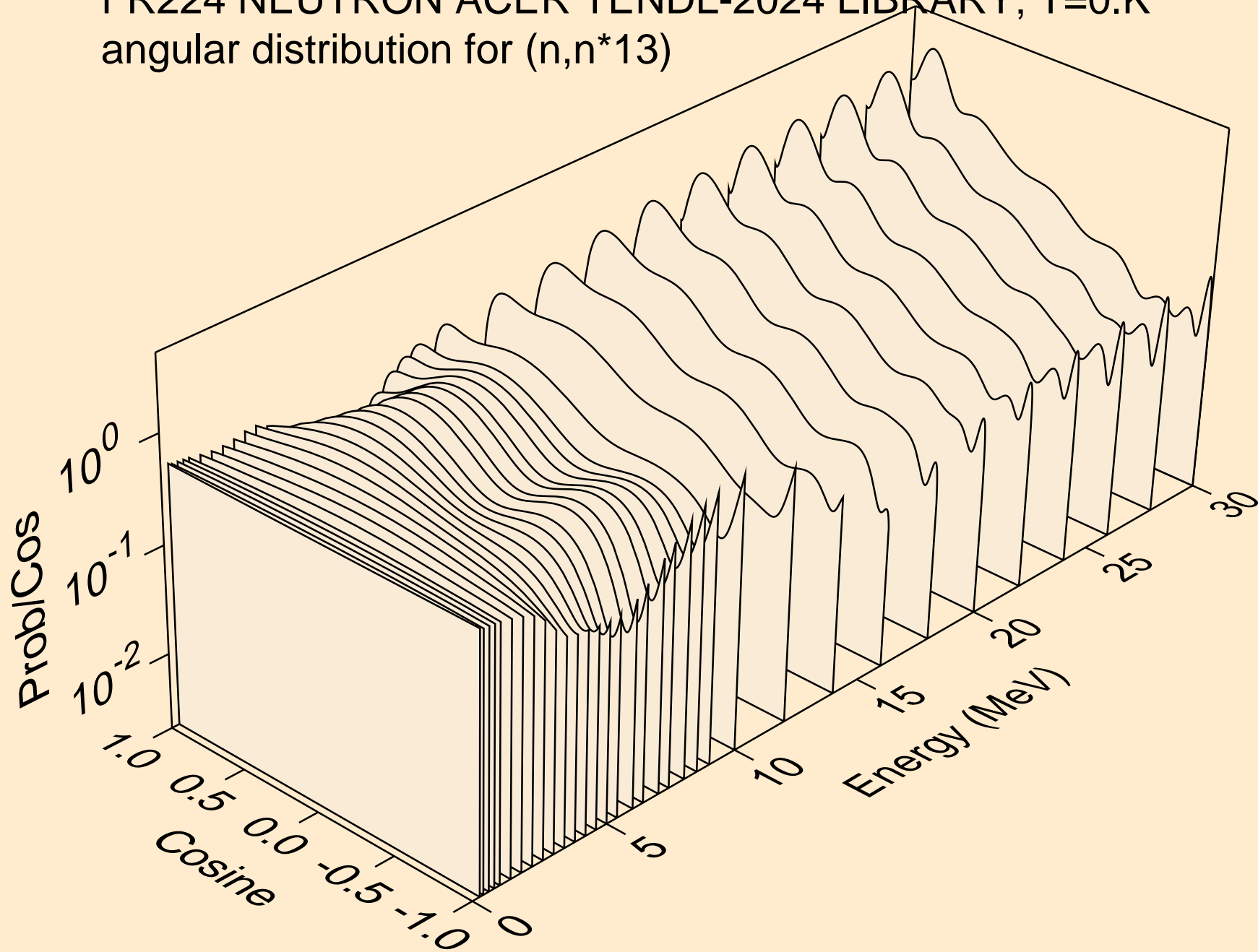
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angular distribution for (n,n\*11)



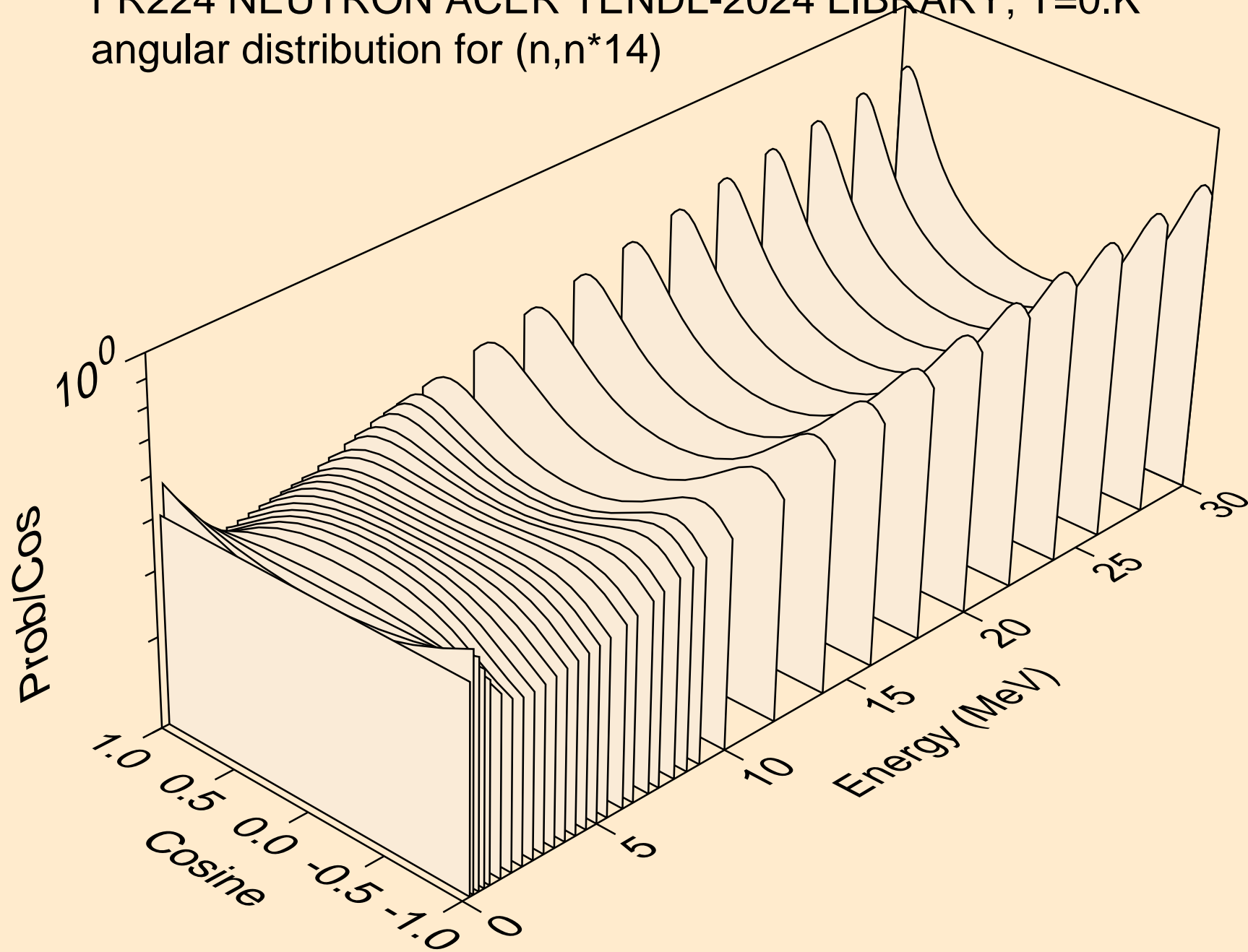
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angular distribution for (n,n\*12)



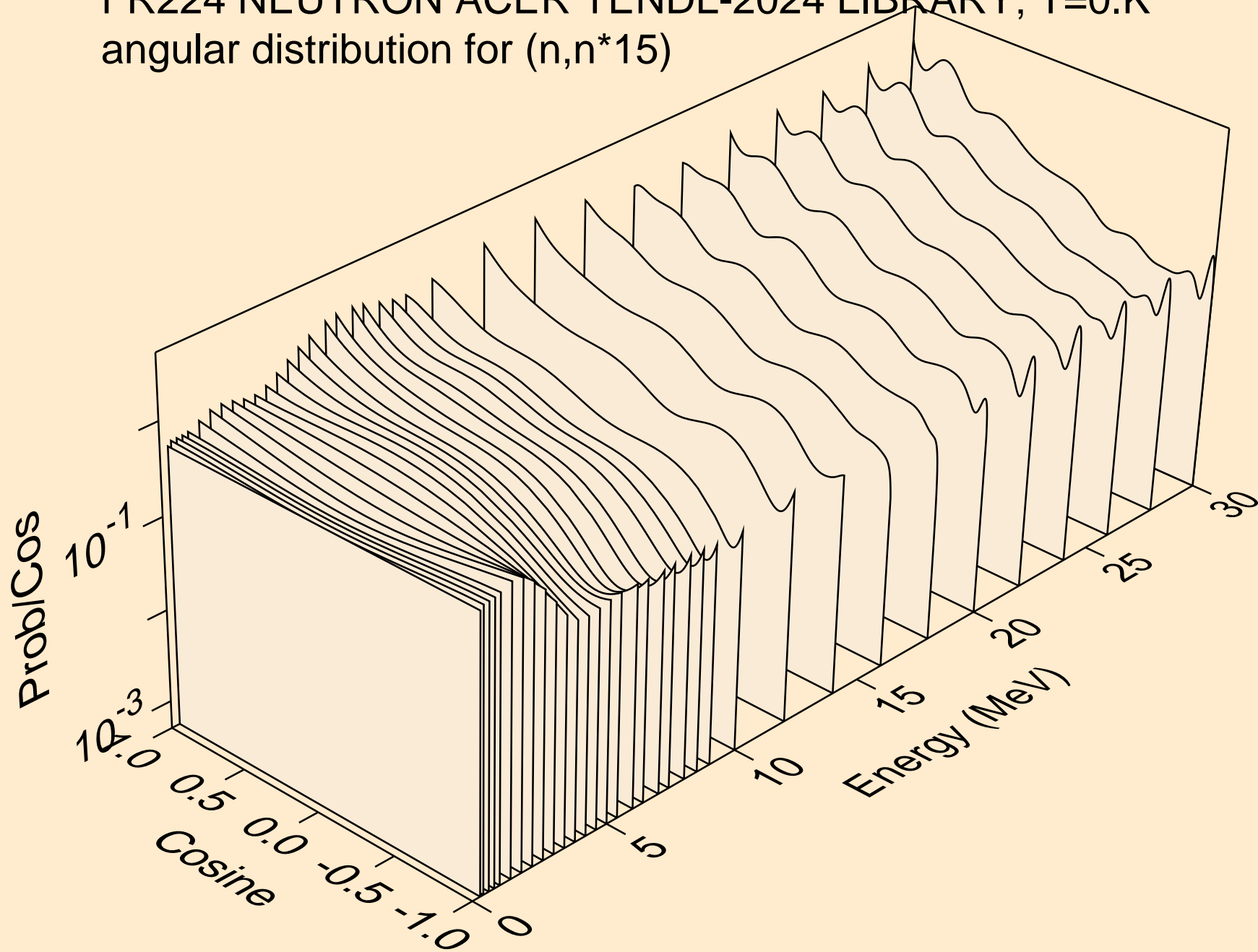
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)

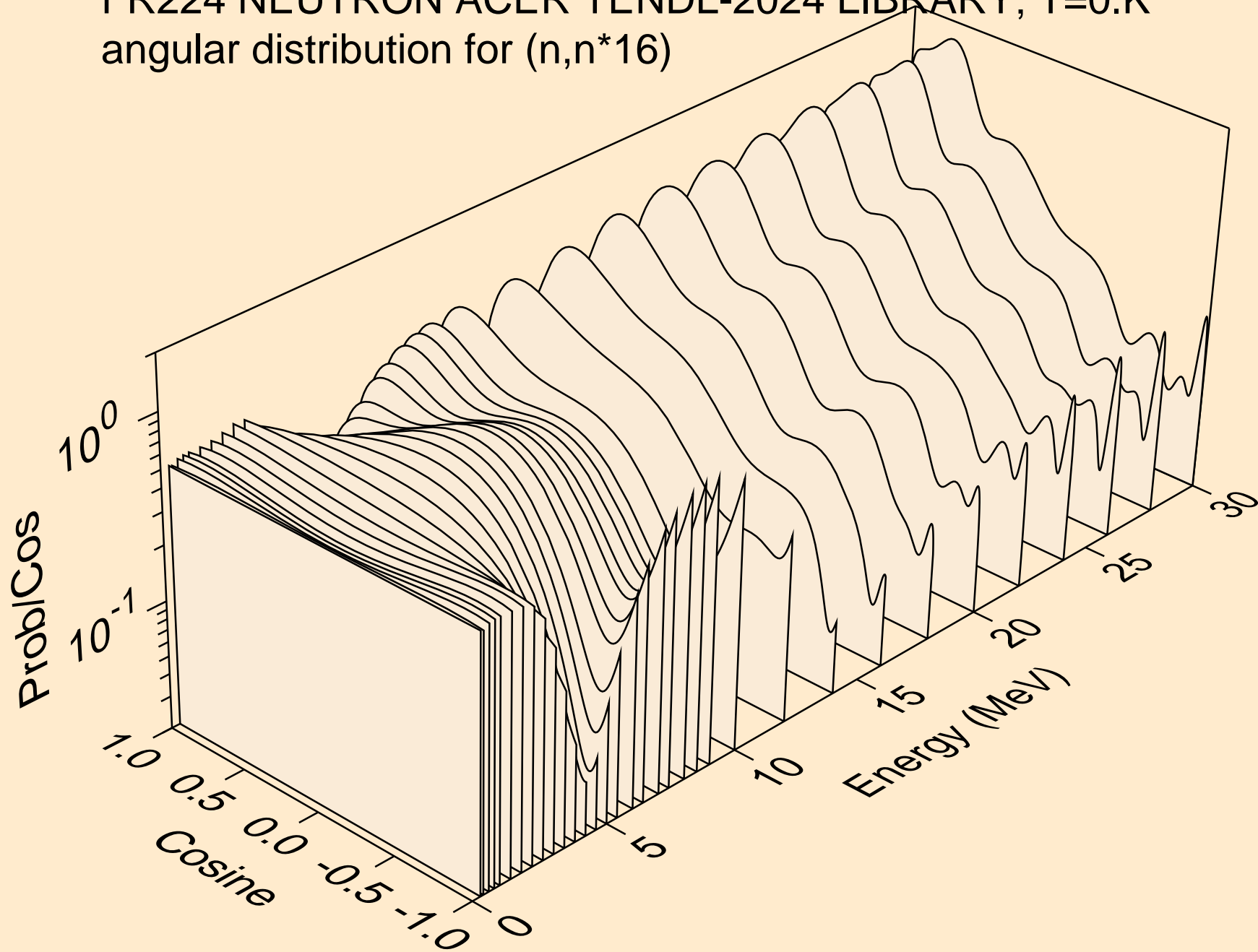


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

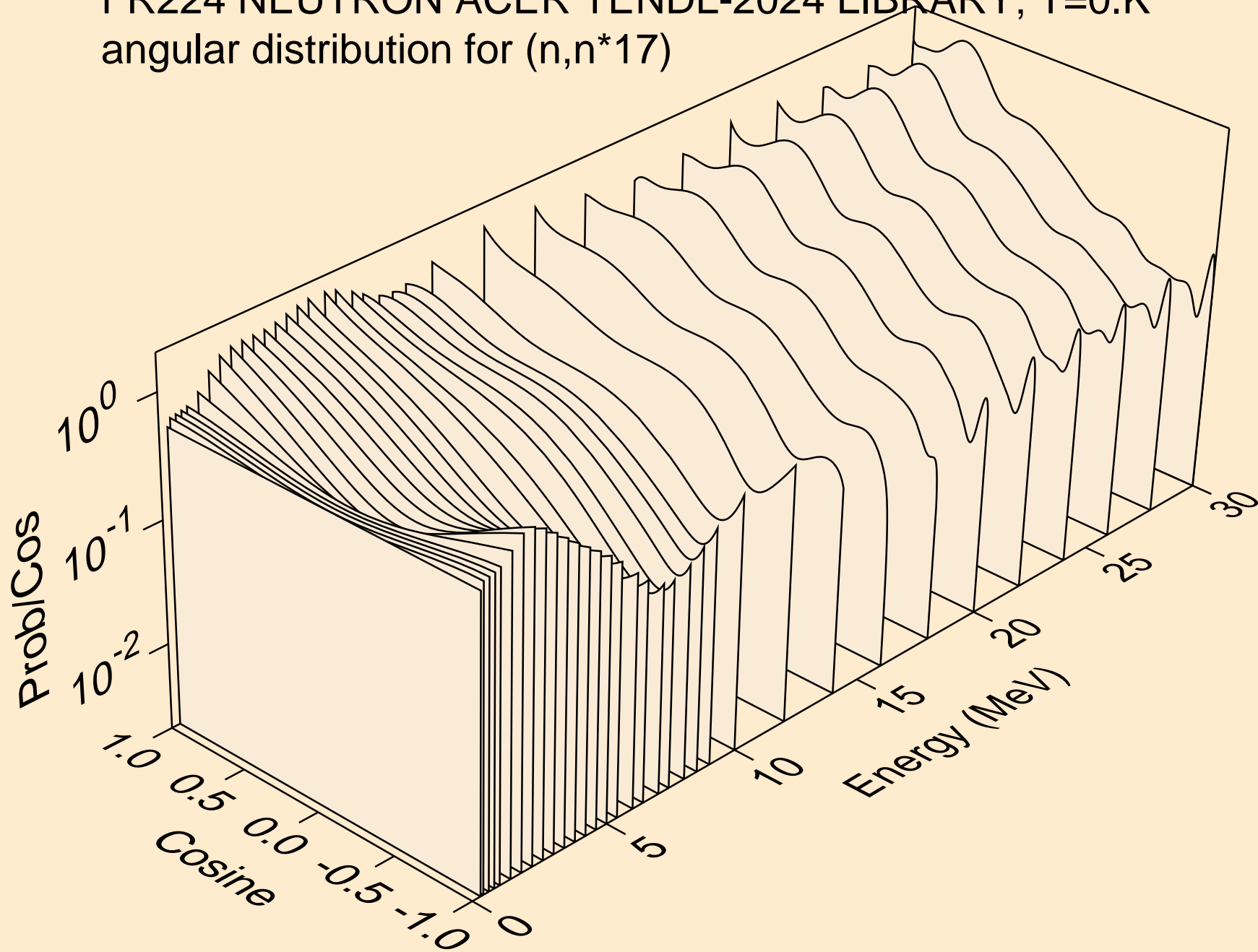




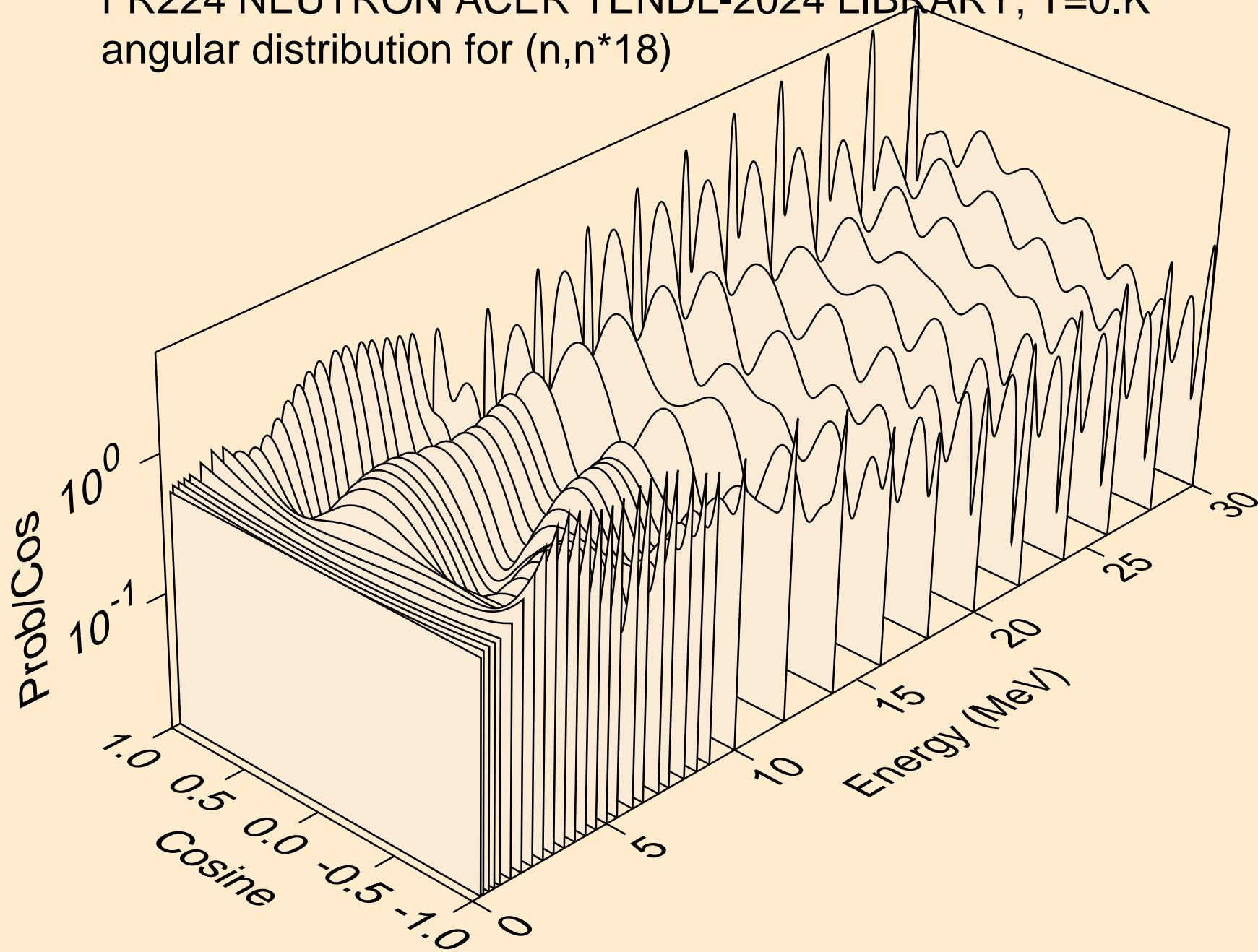
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



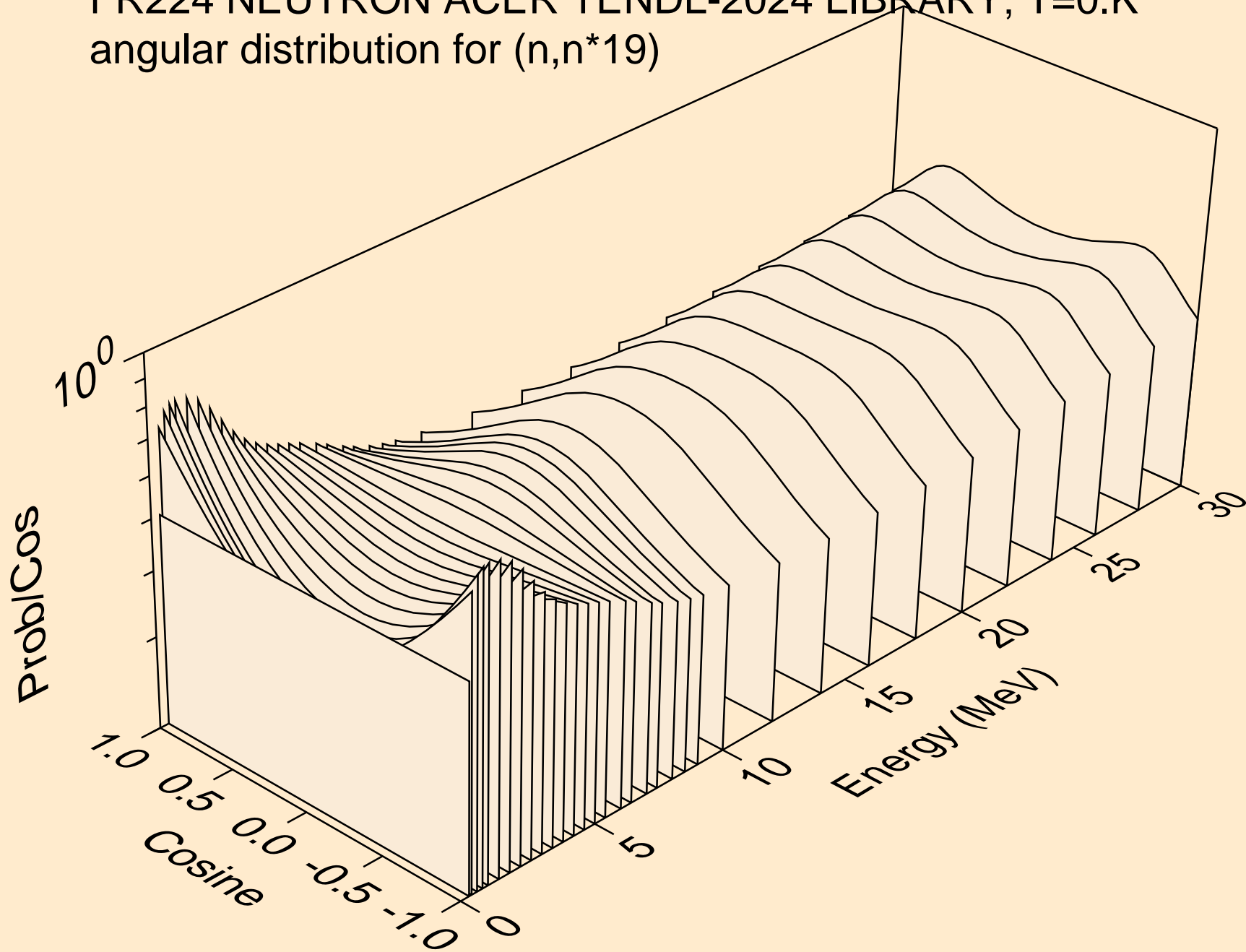
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angular distribution for (n,n\*17)



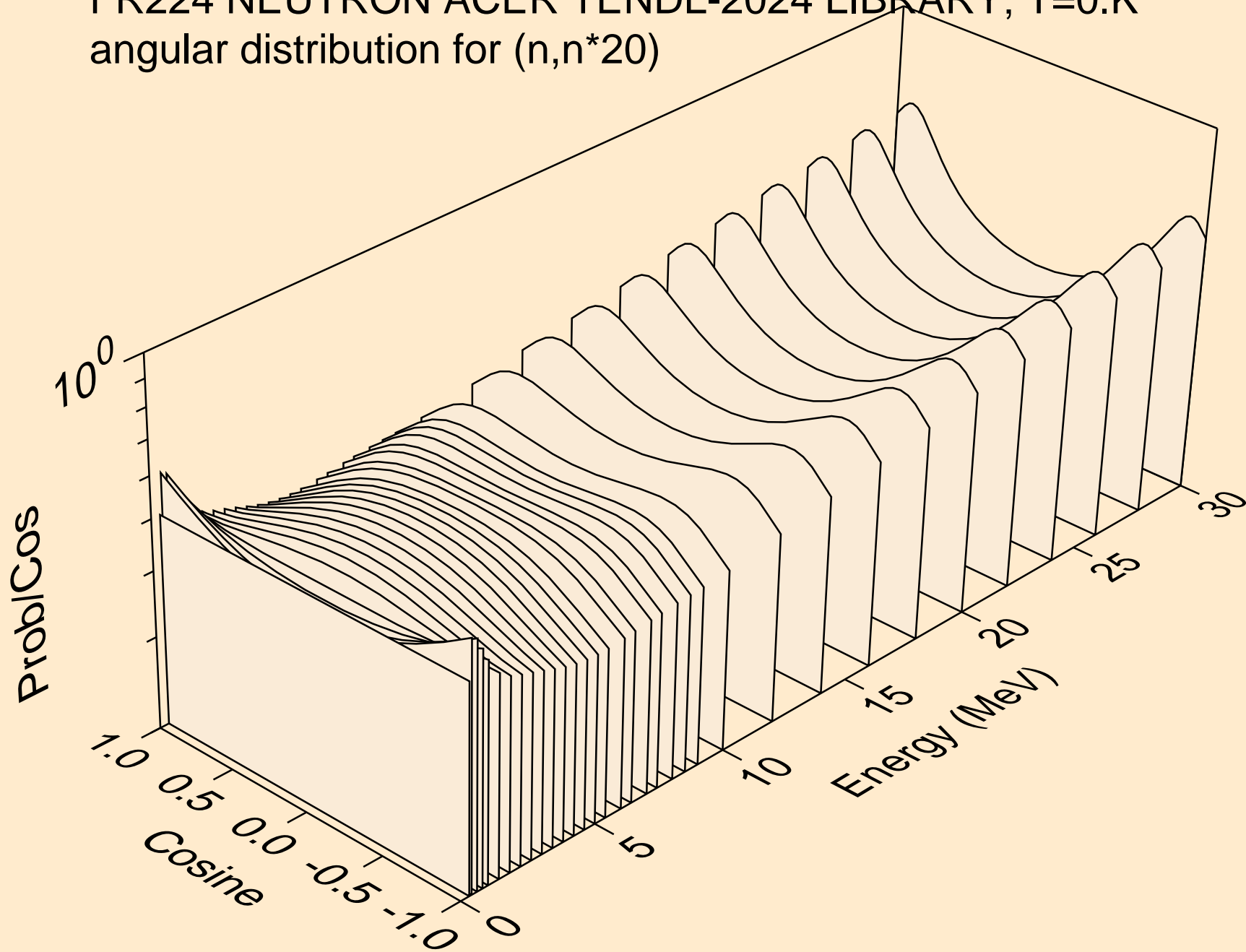
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



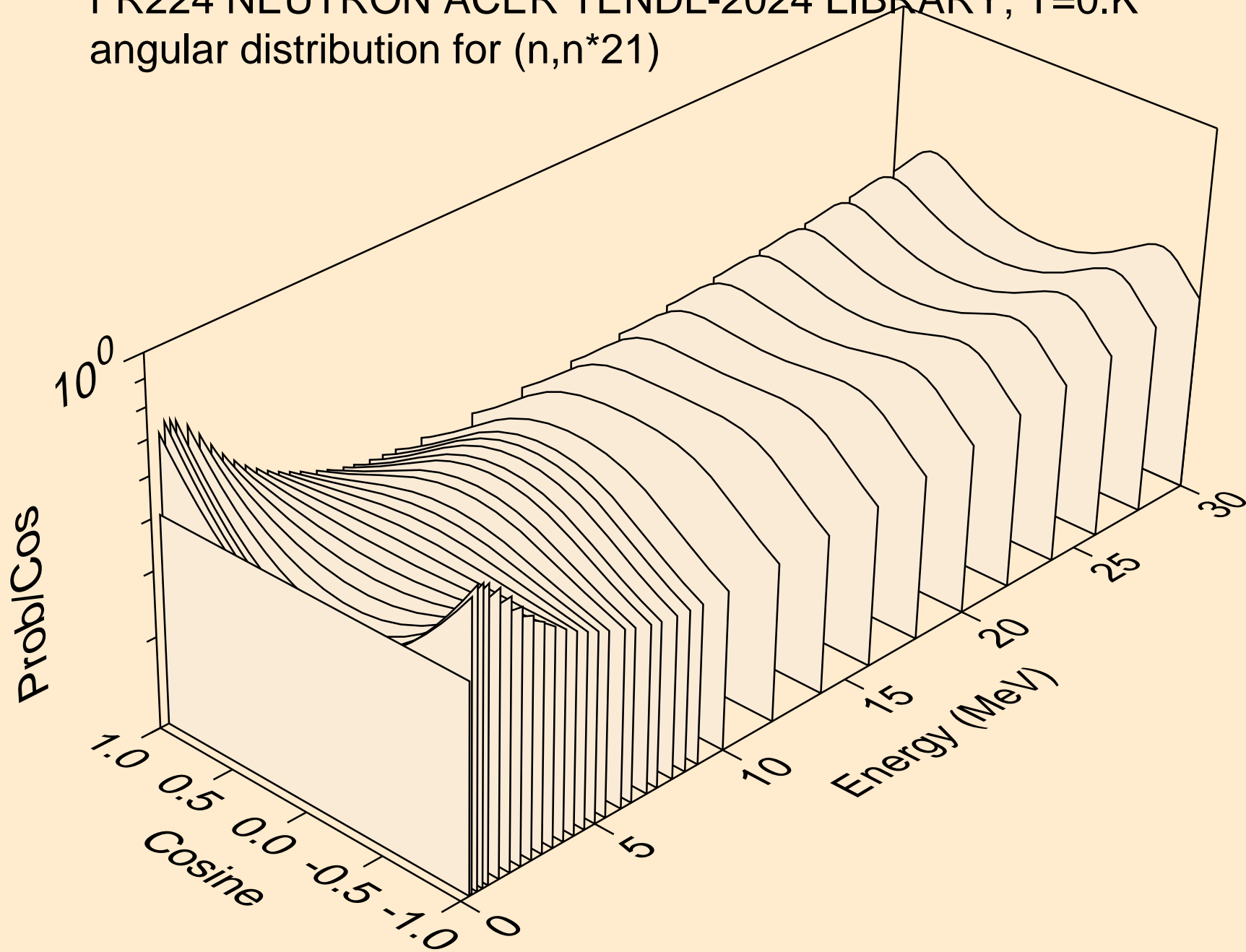
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angular distribution for (n,n\*19)



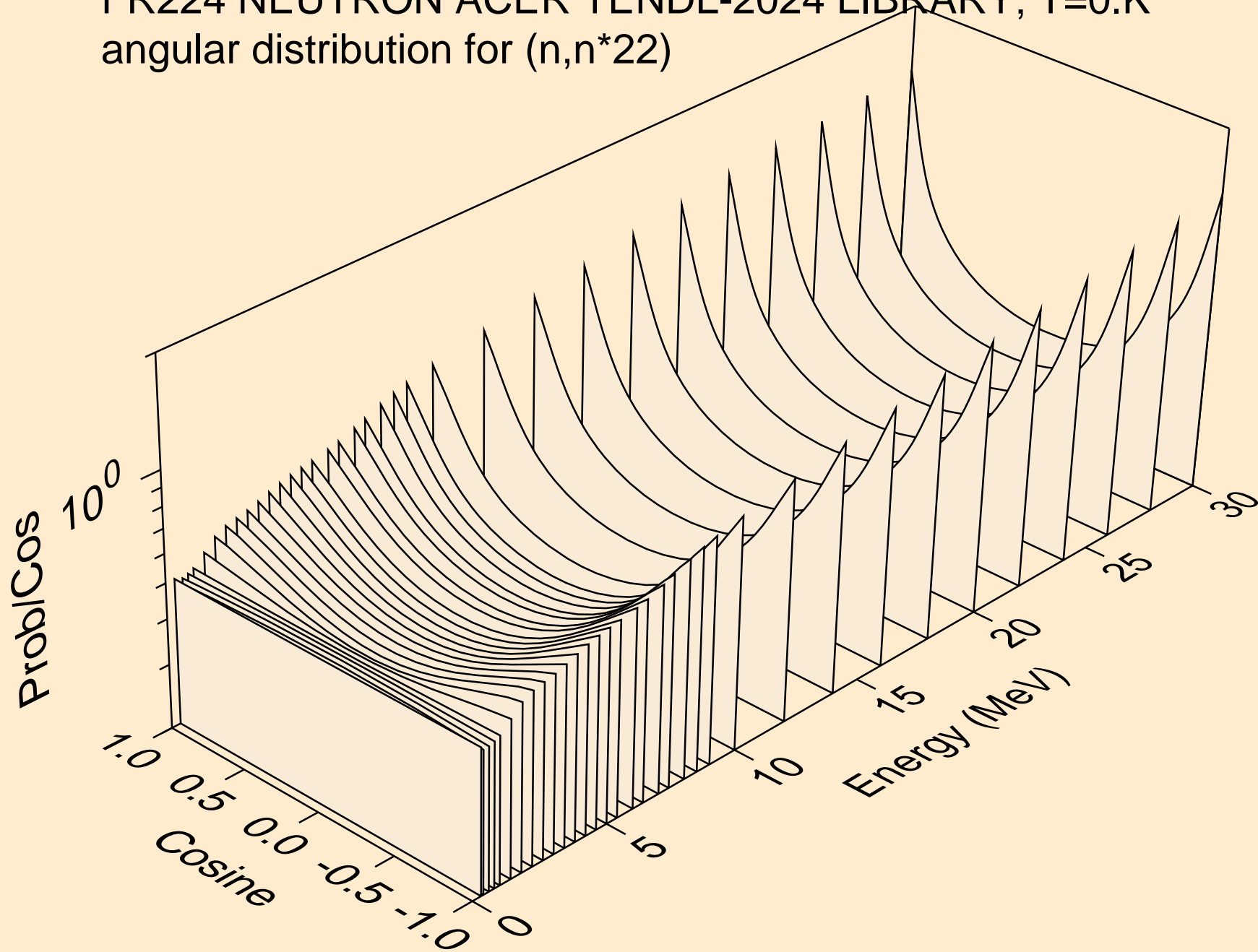
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



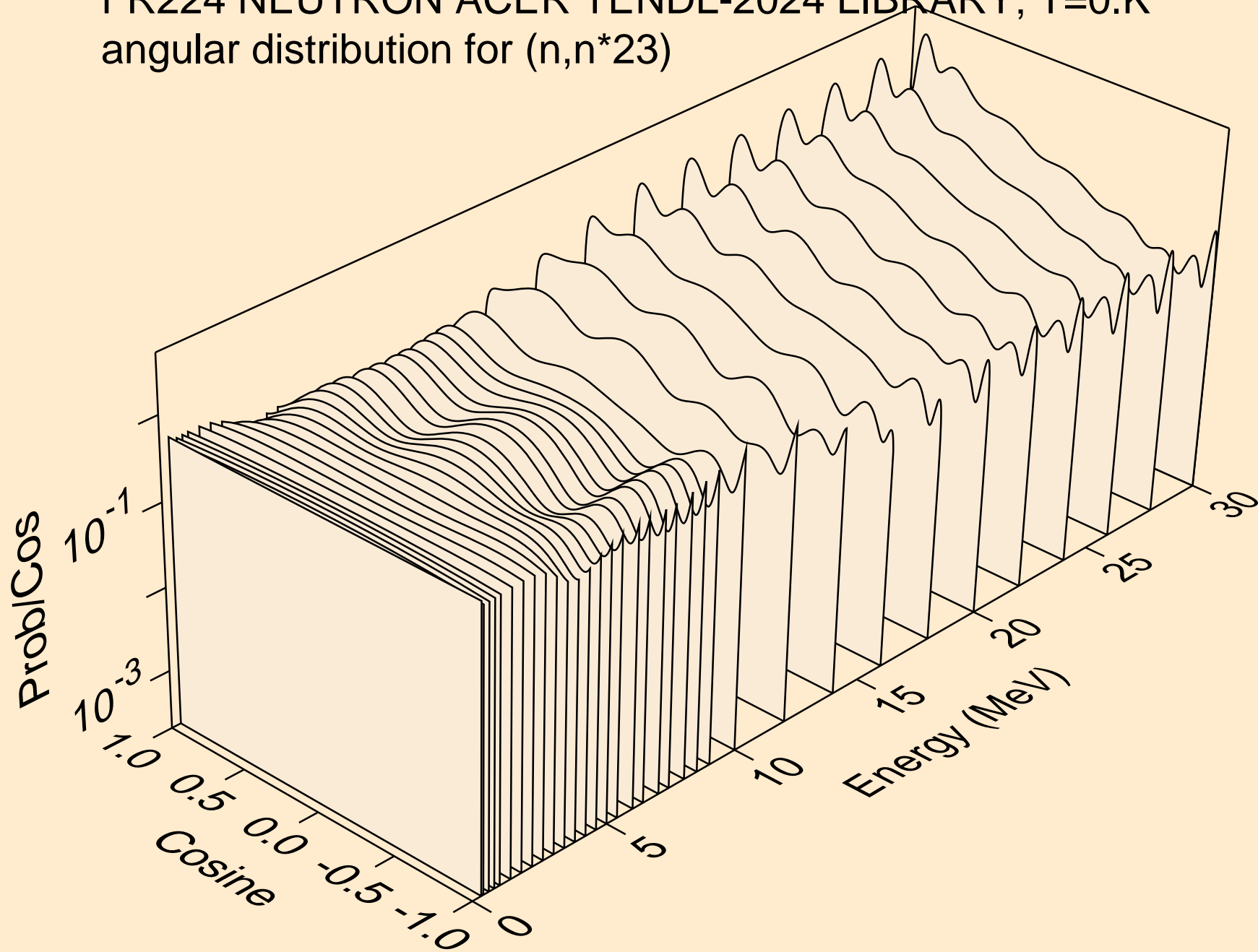
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)

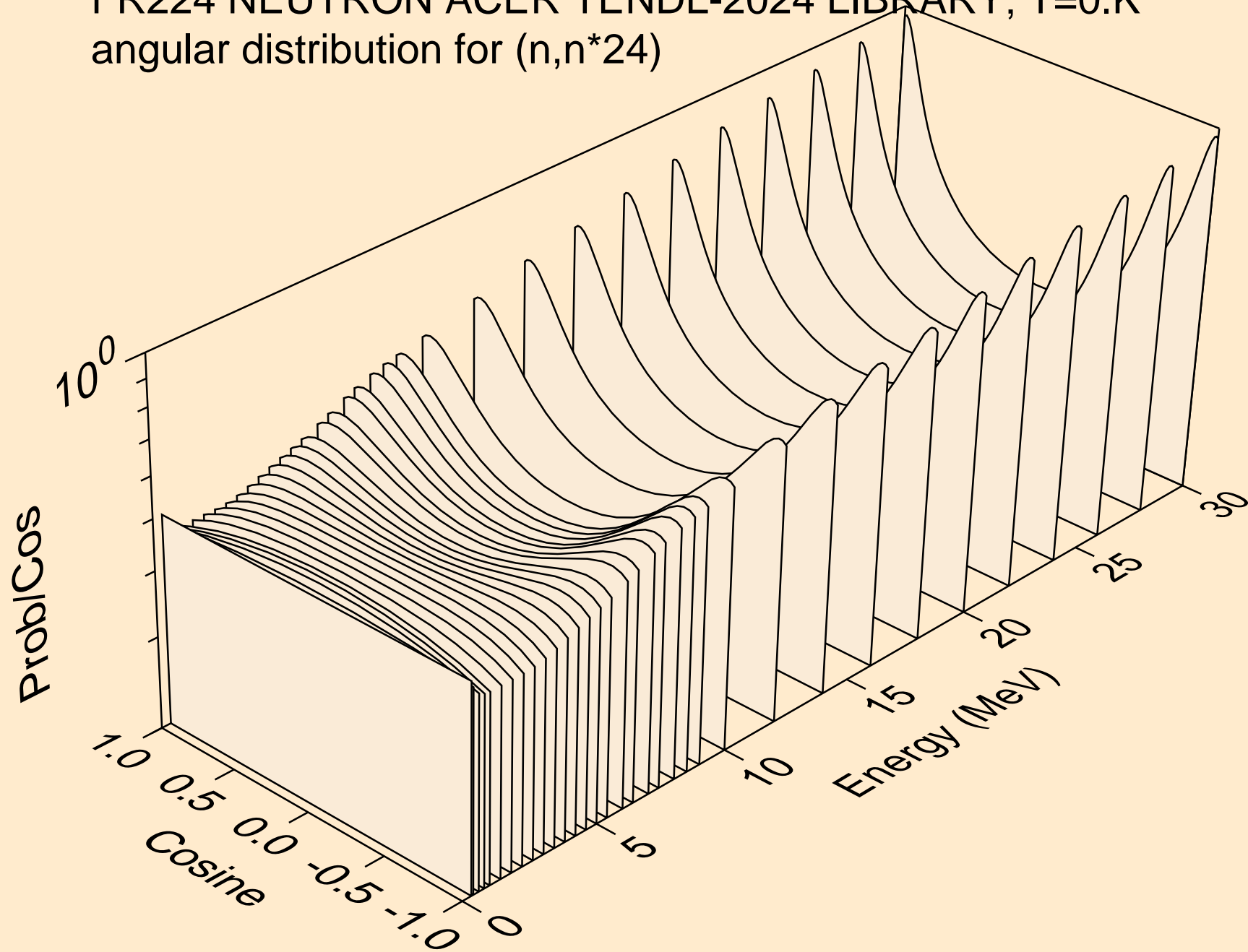


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

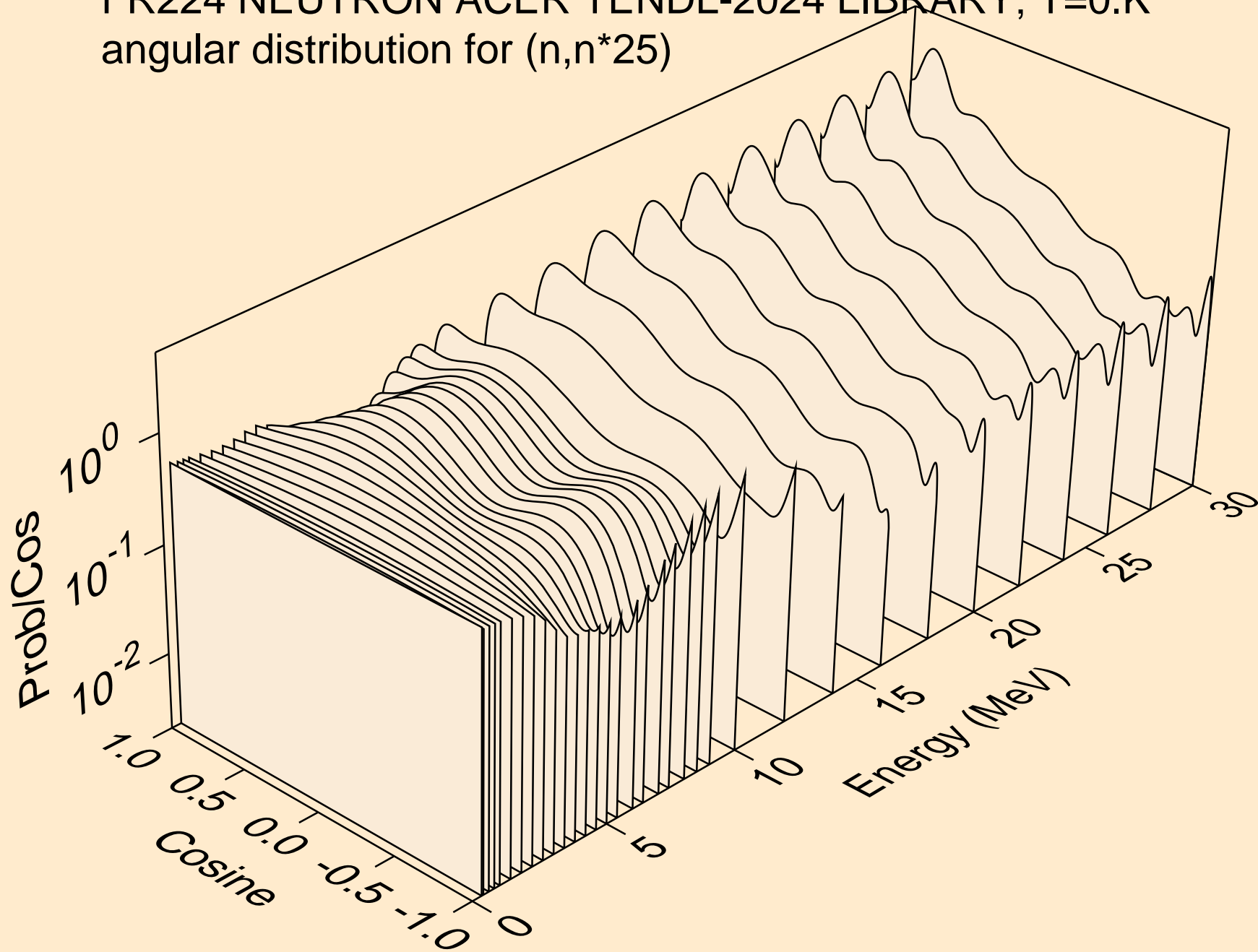




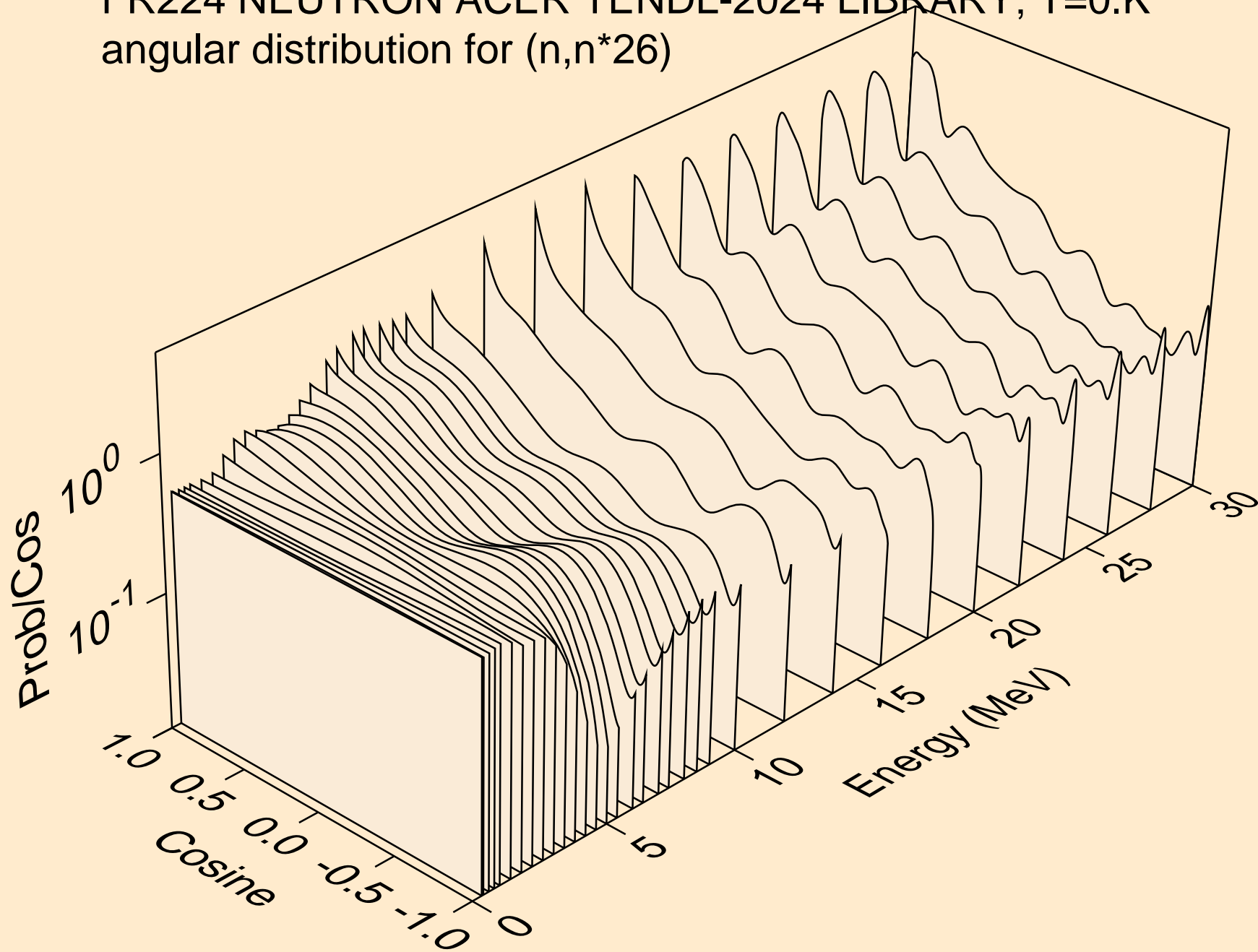
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angular distribution for (n,n\*24)



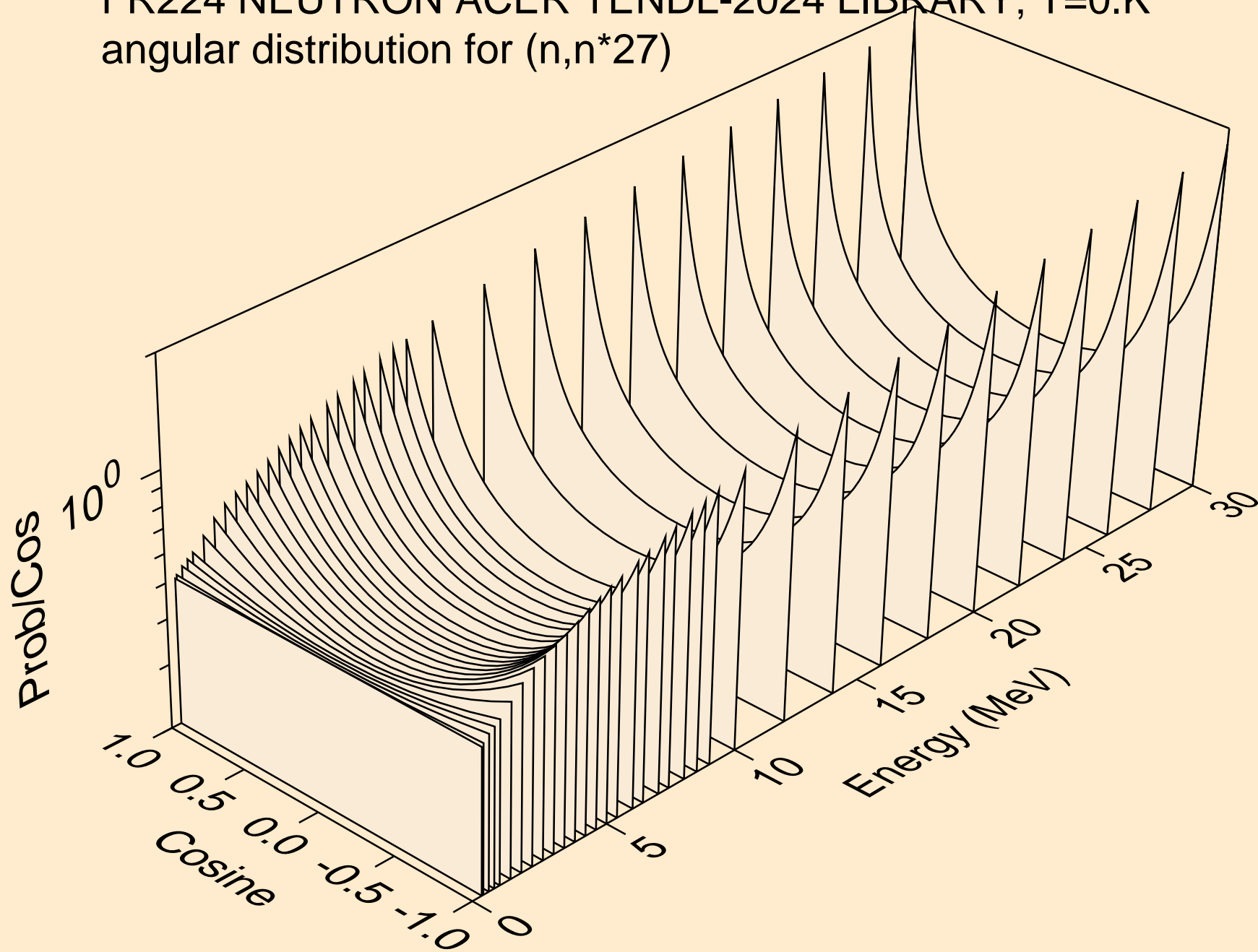
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angular distribution for (n,n\*25)



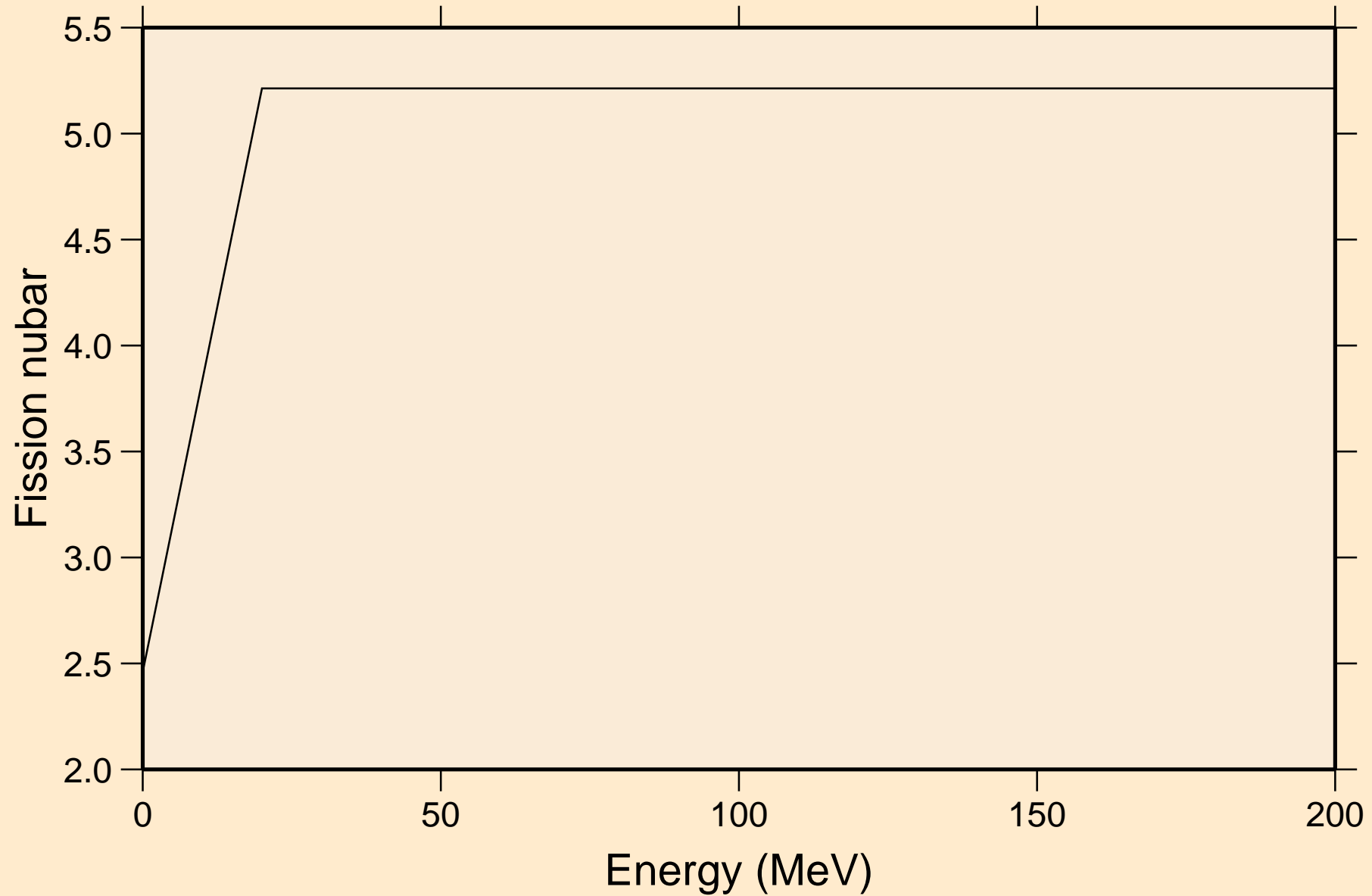
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angular distribution for (n,n\*26)



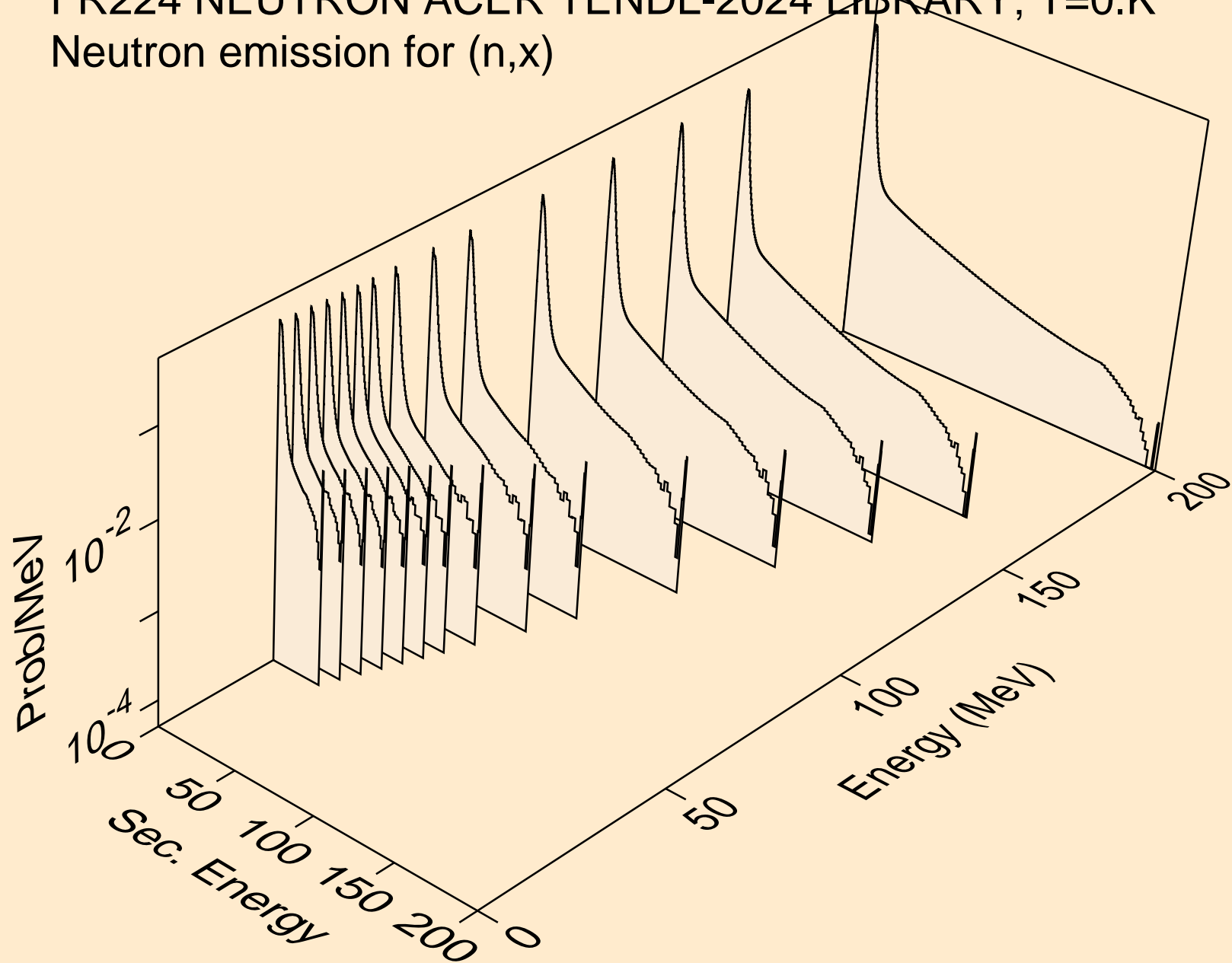
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angular distribution for (n,n\*27)



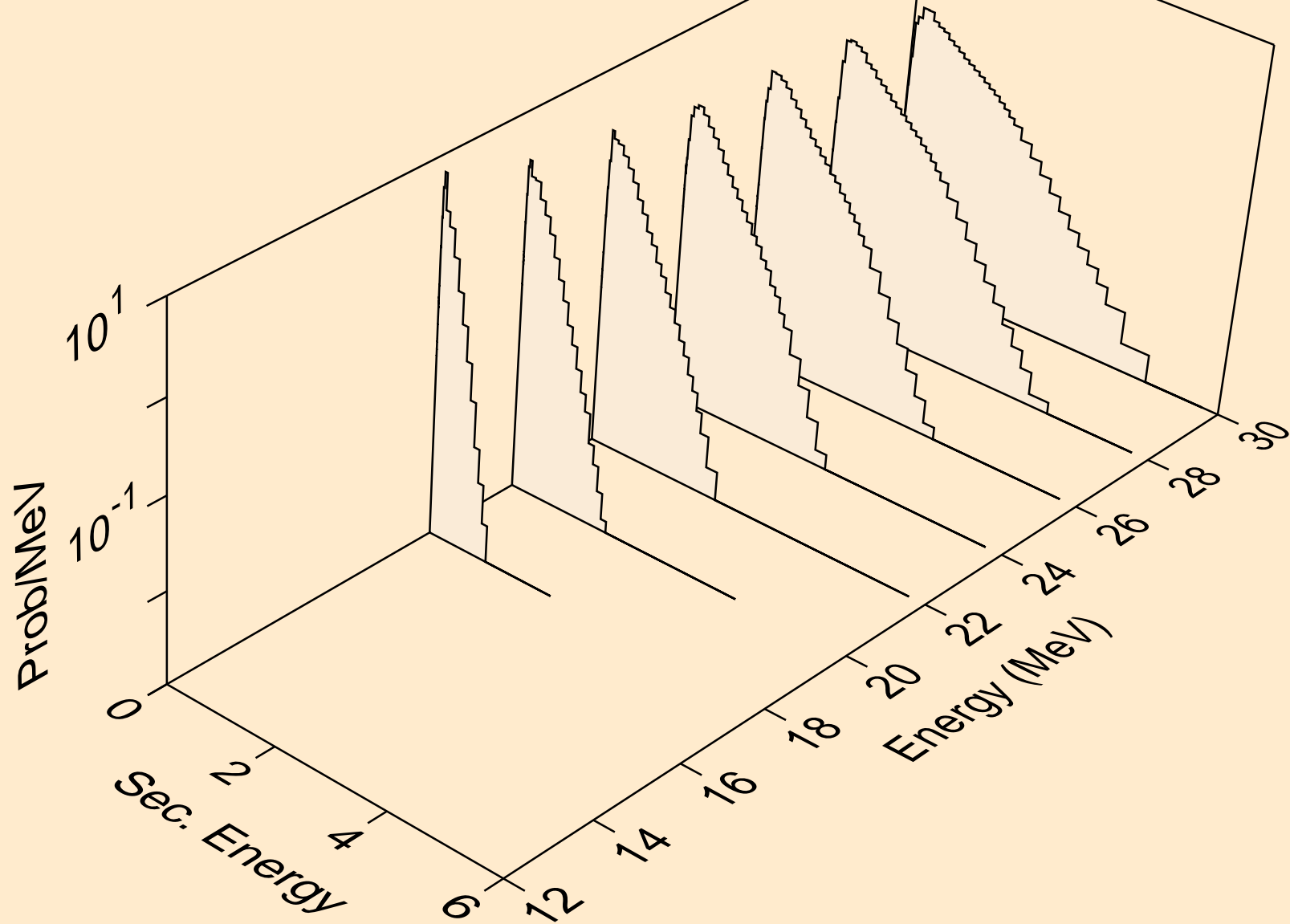
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Total fission nubar



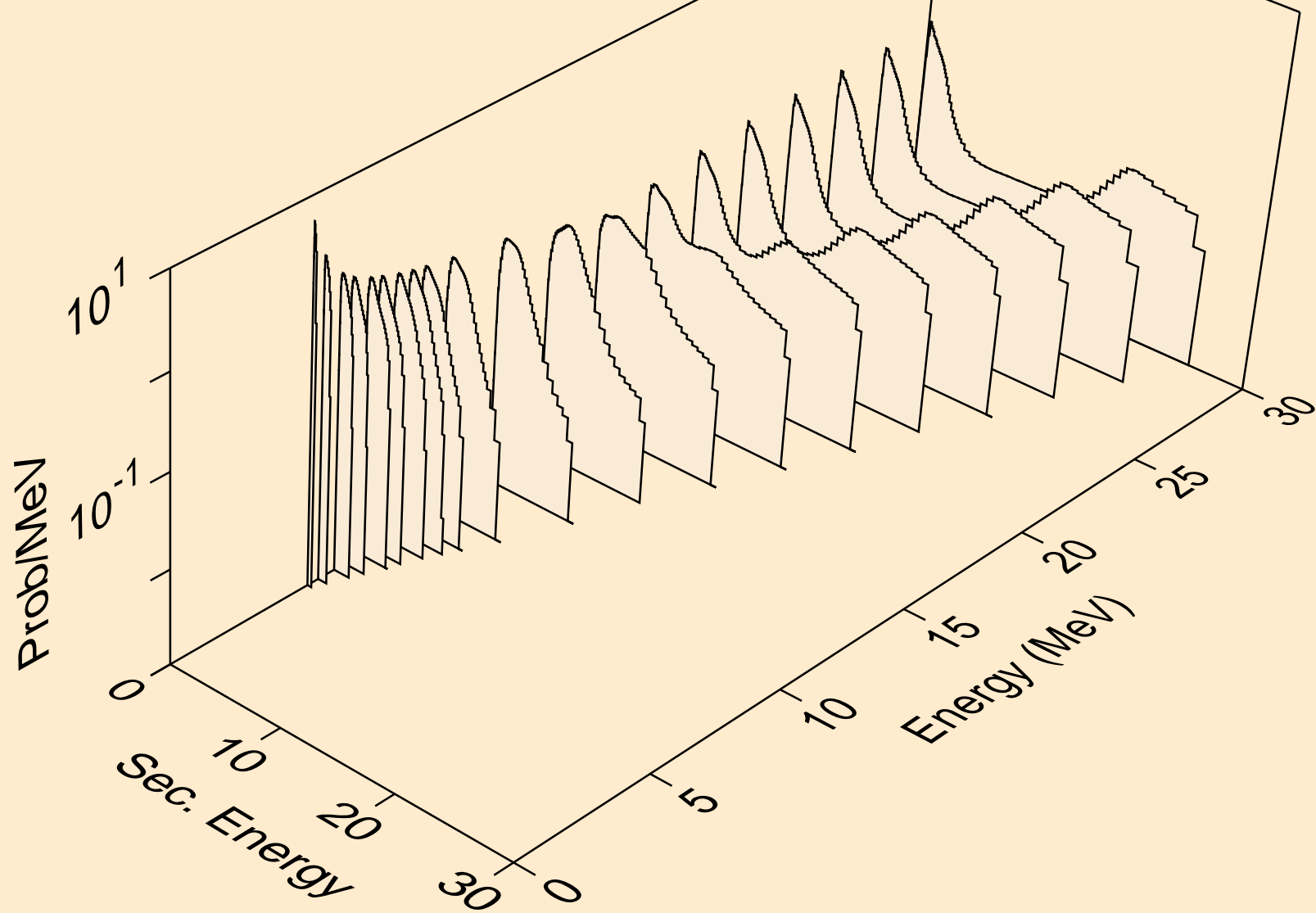
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)

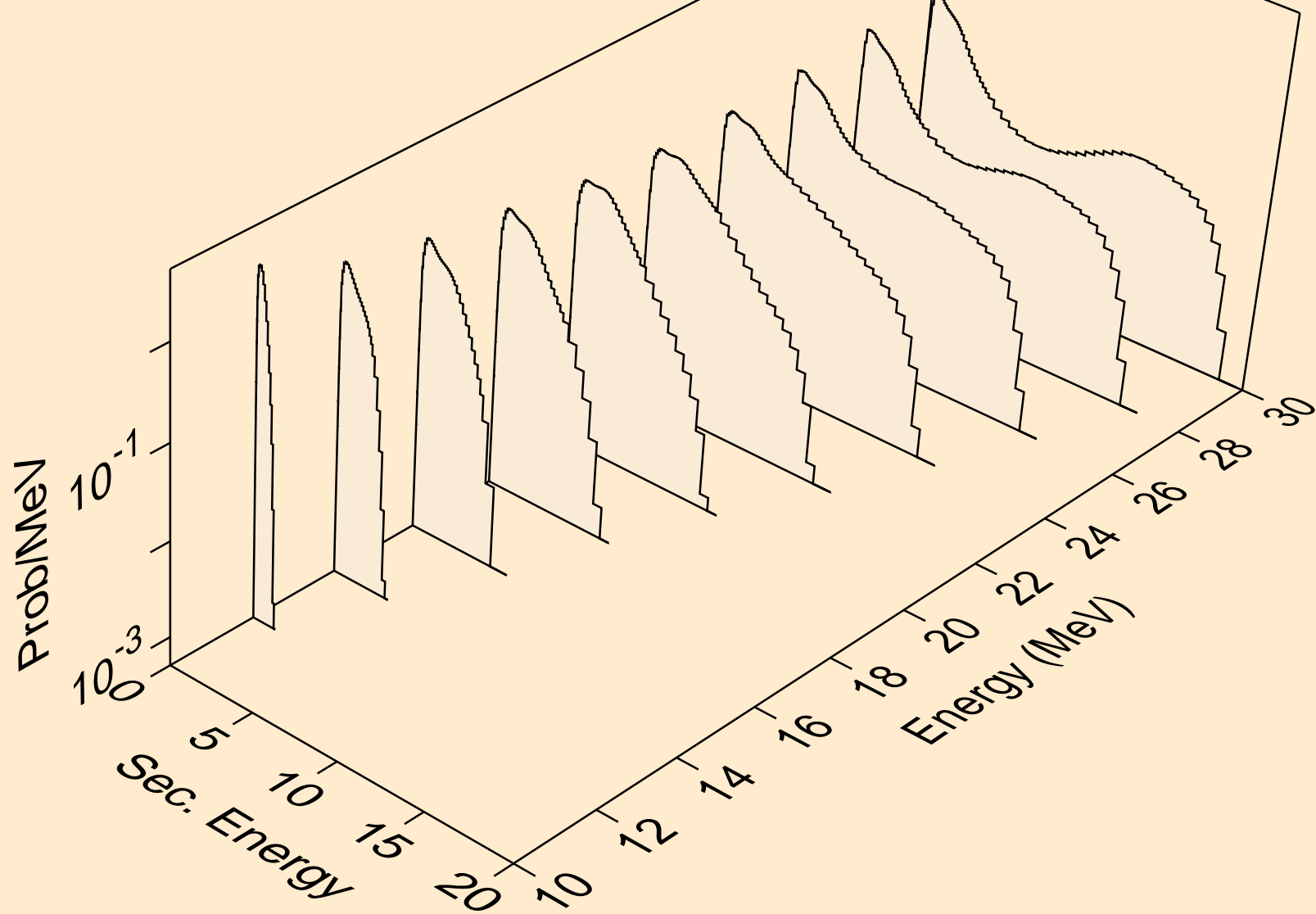


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)

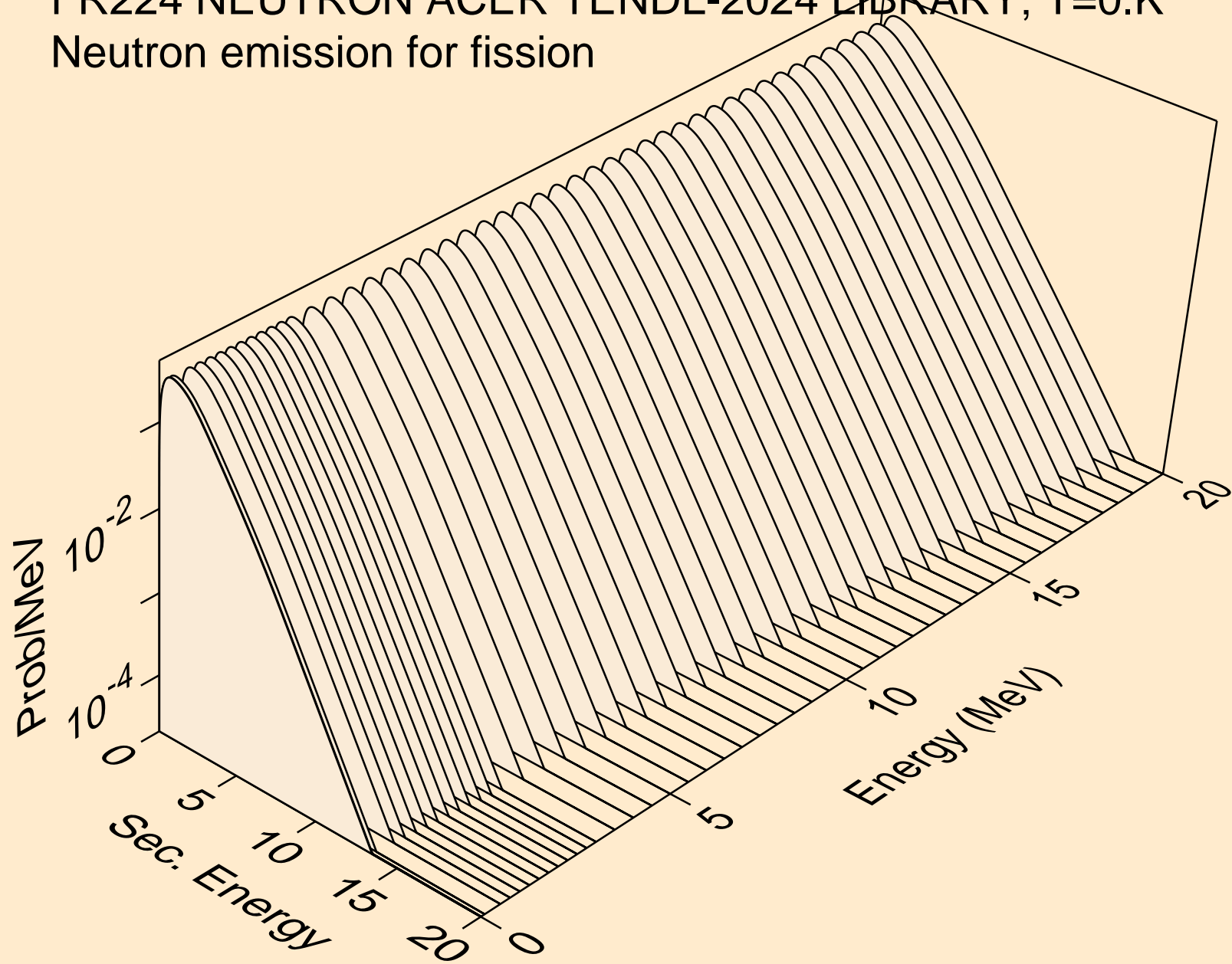




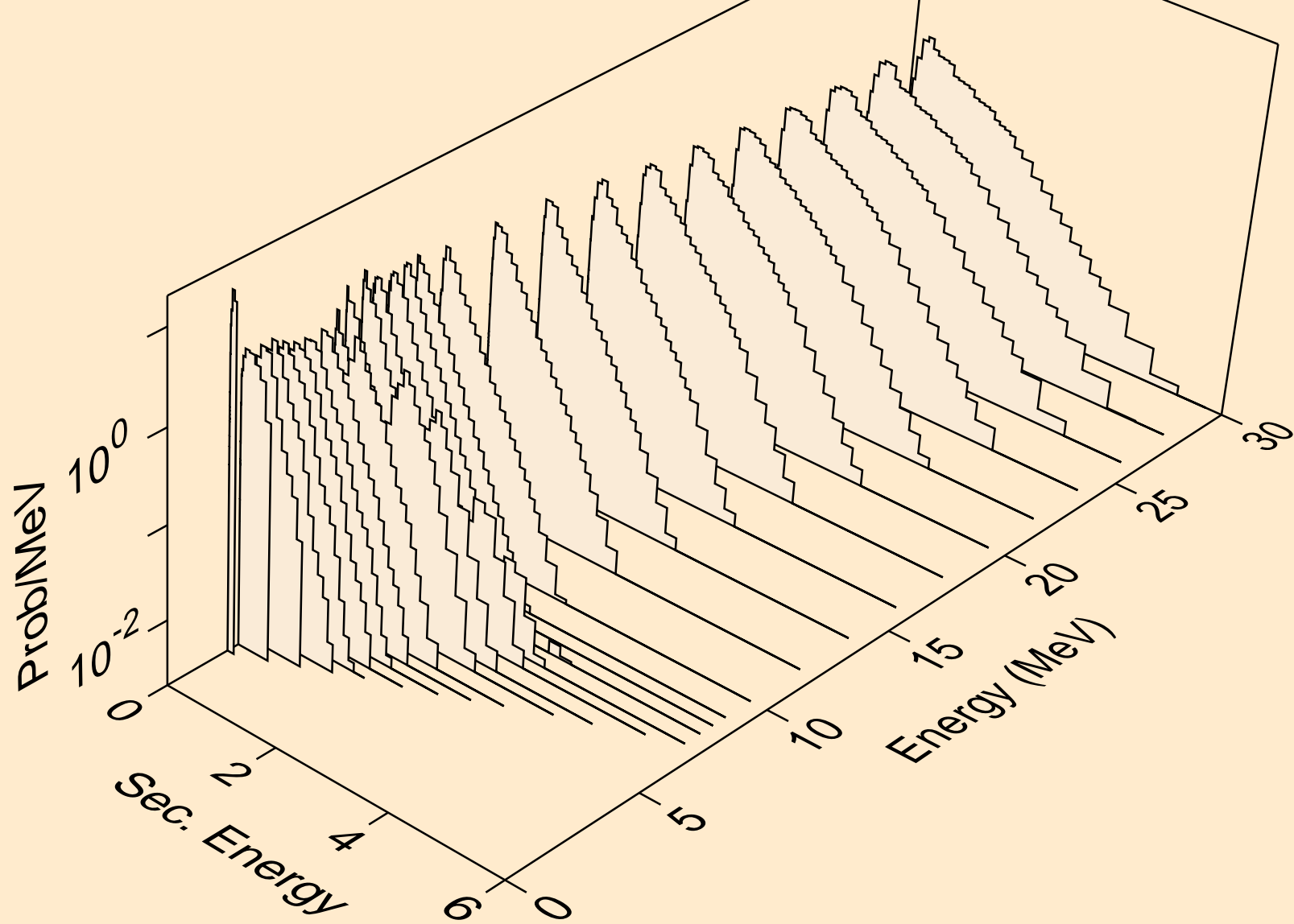
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



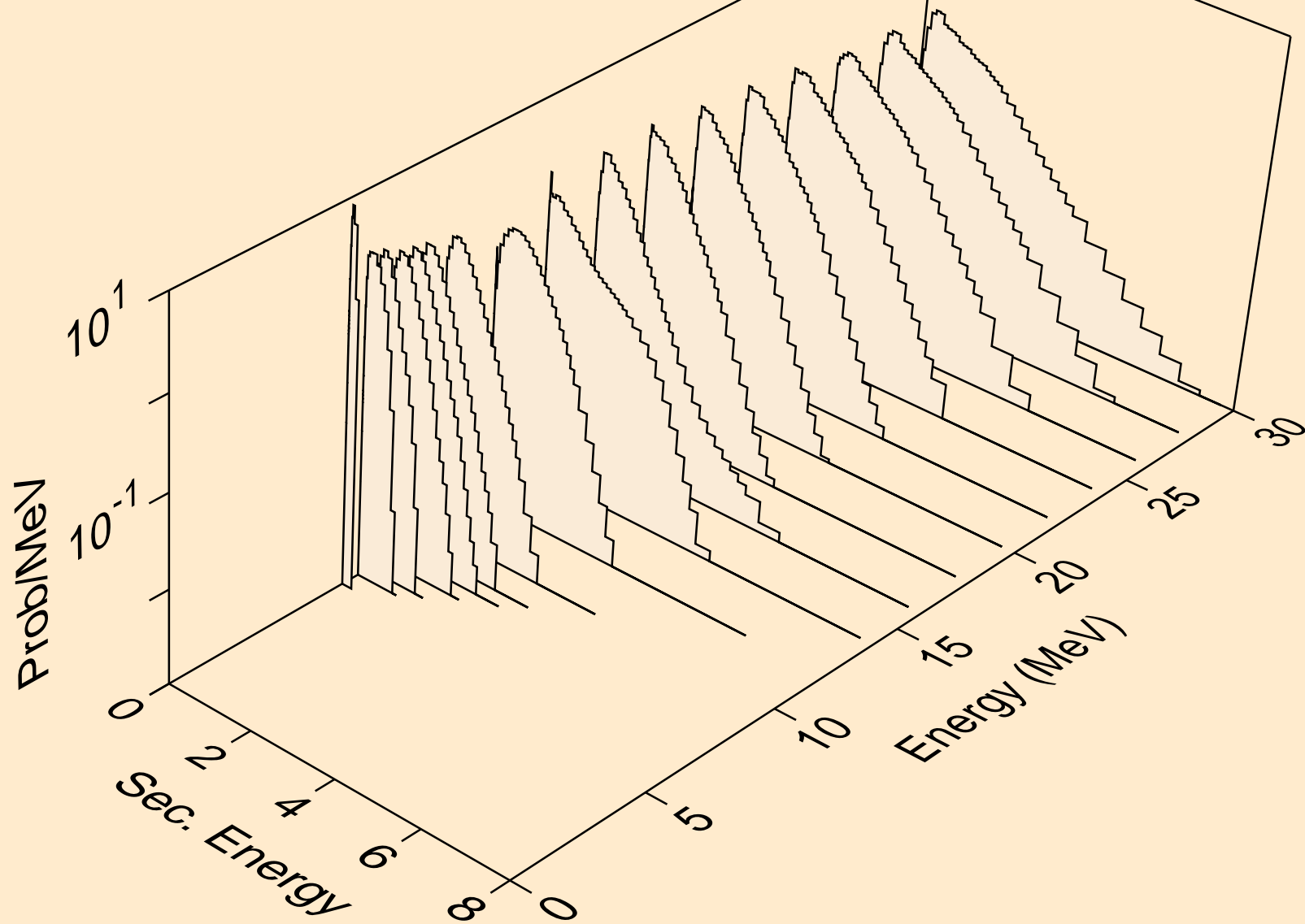
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



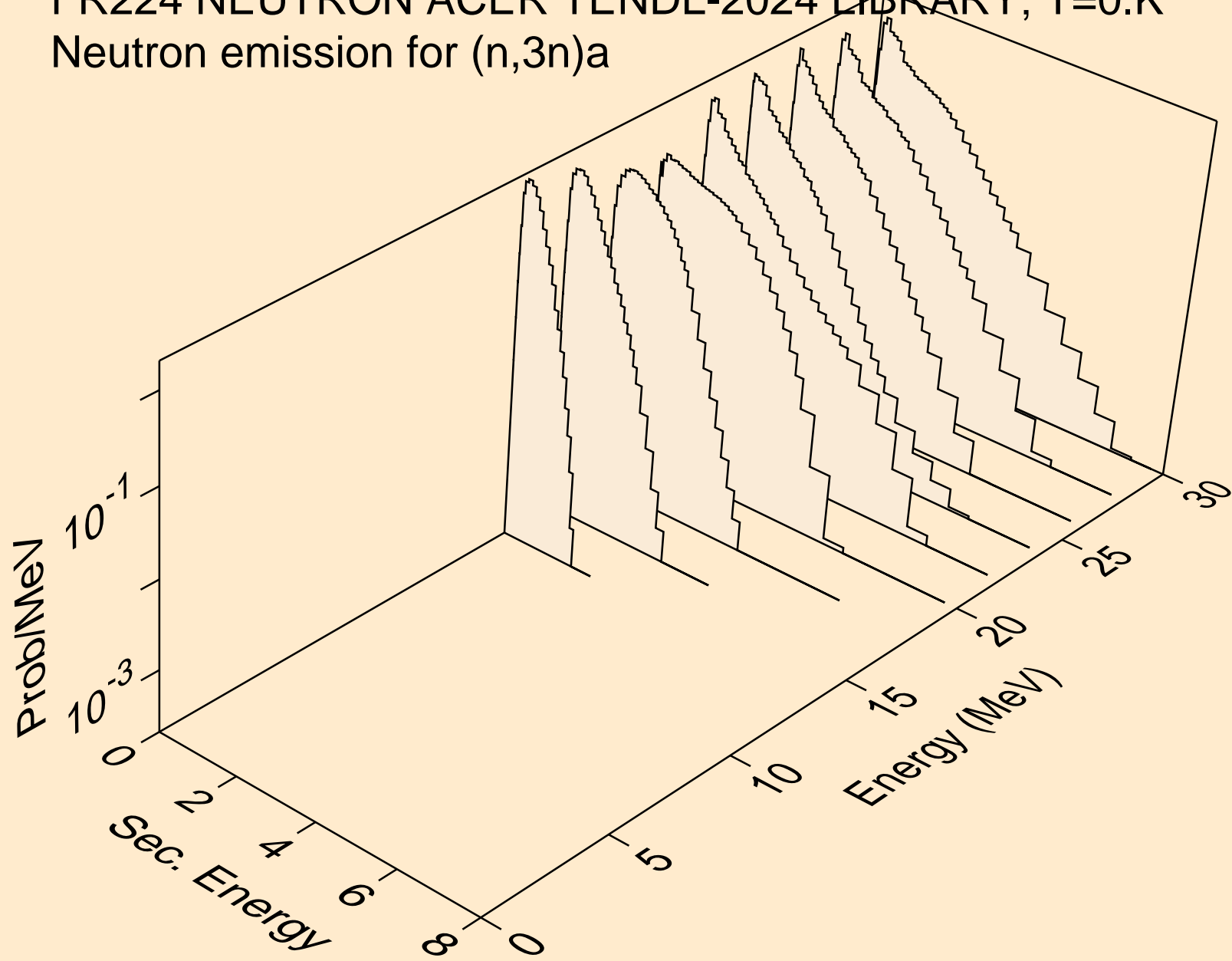
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



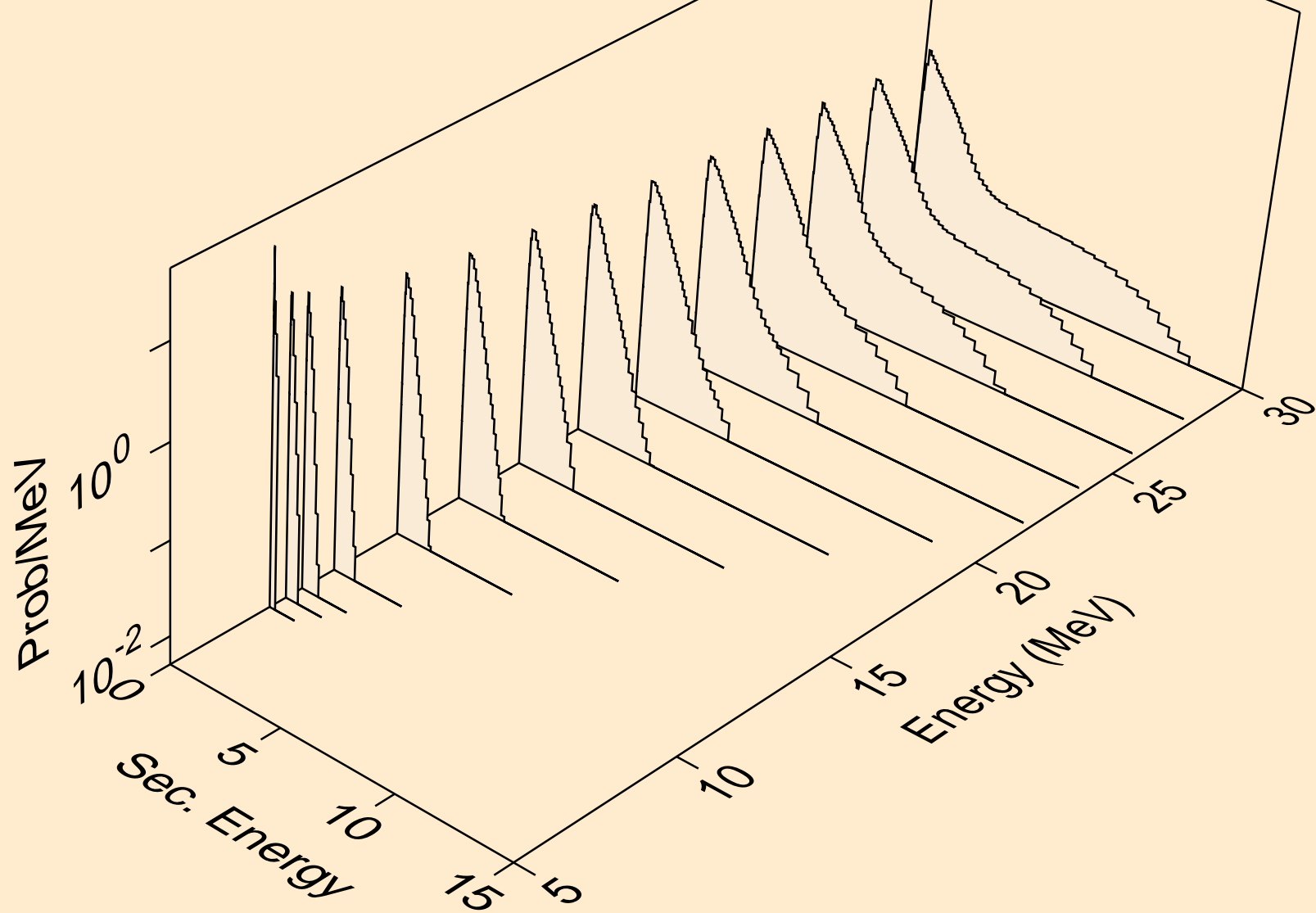
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



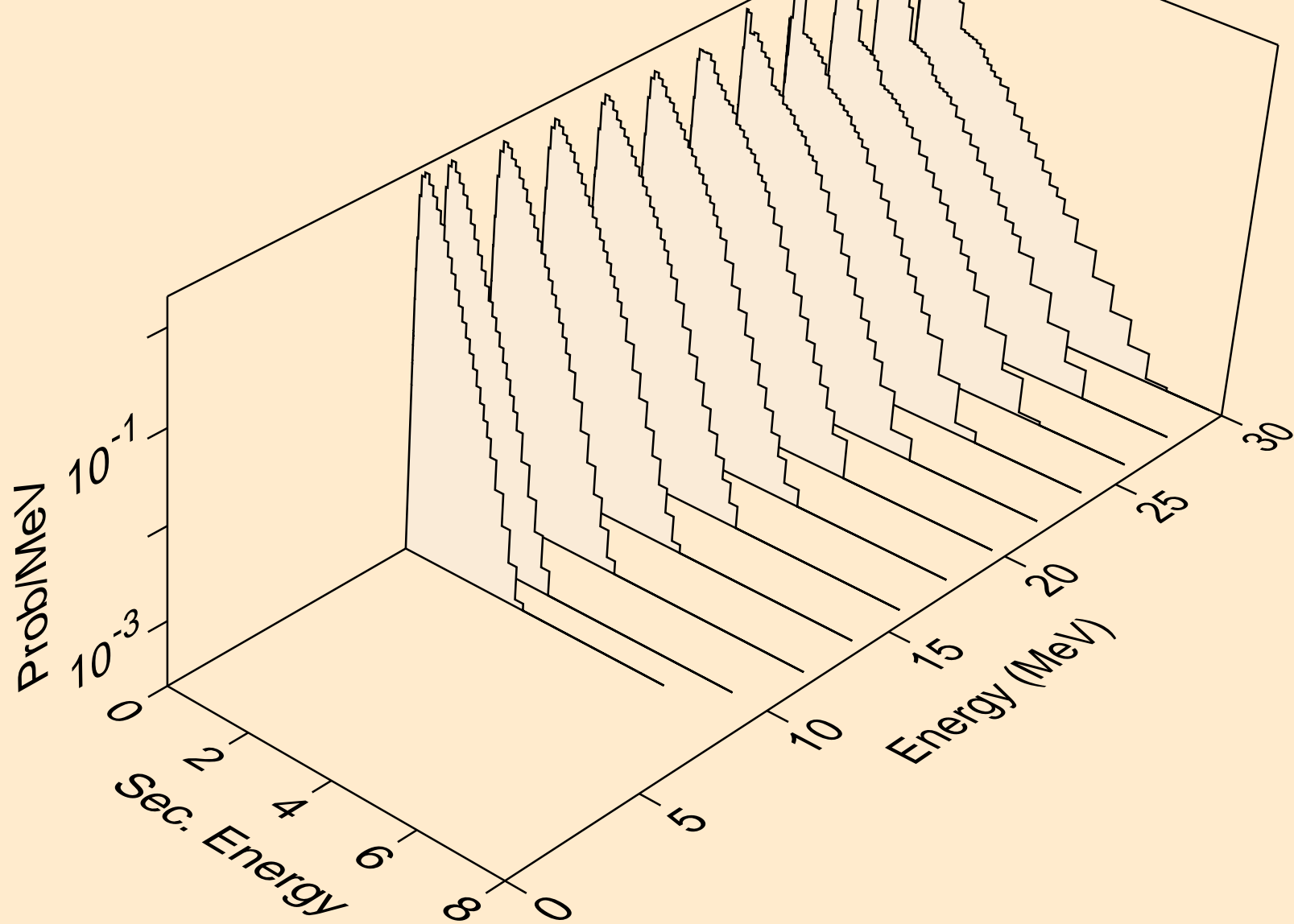
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



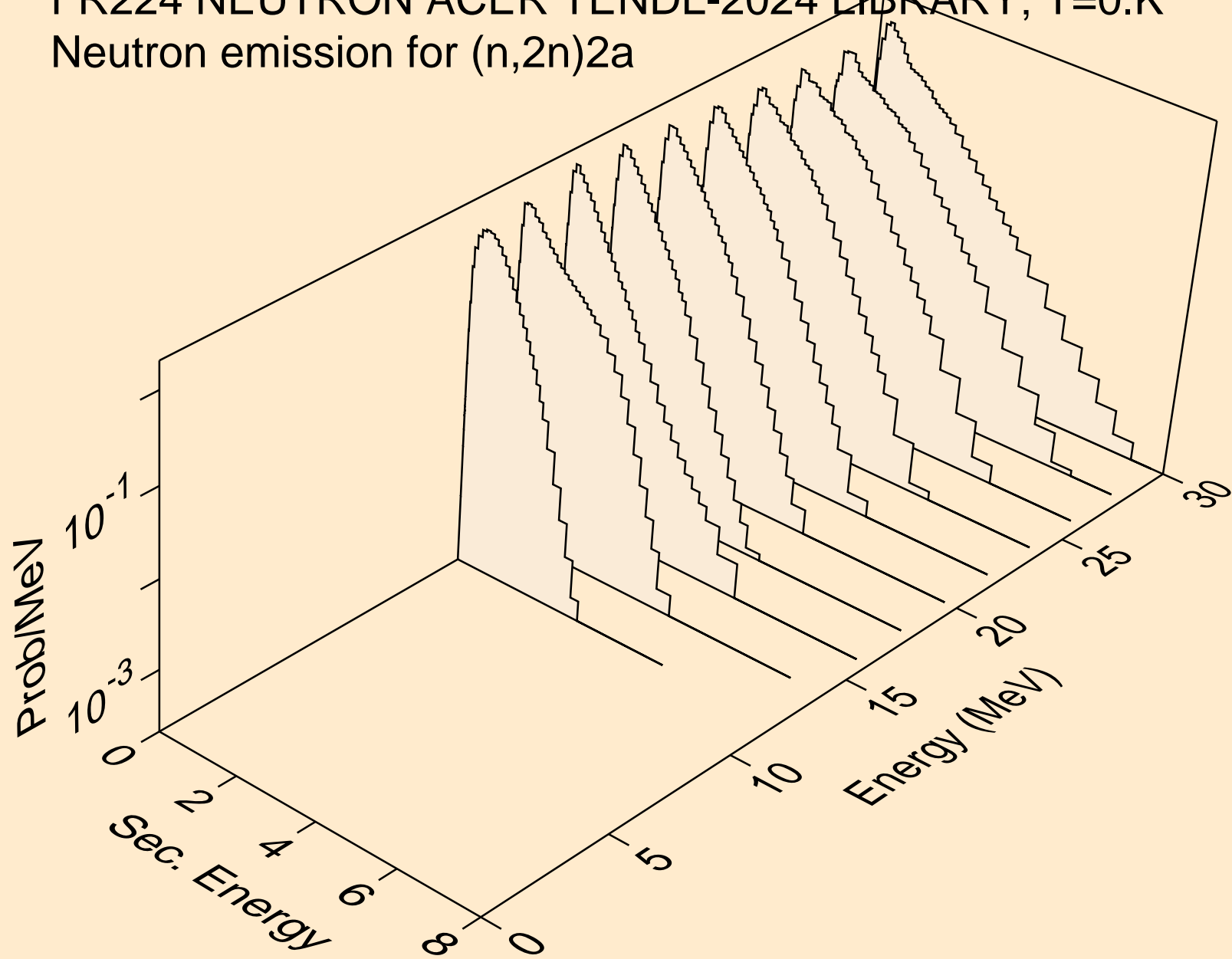
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

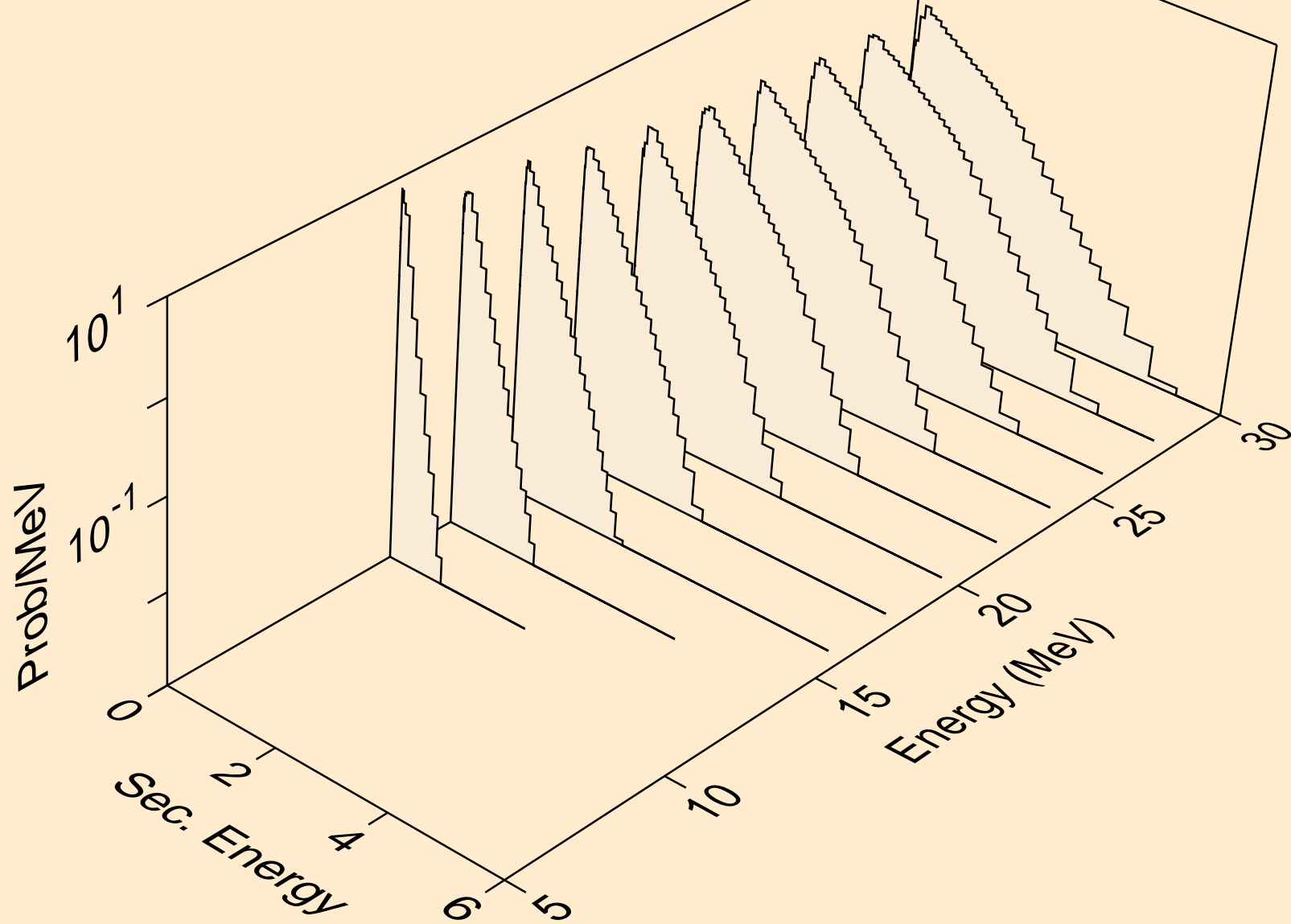


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)2a

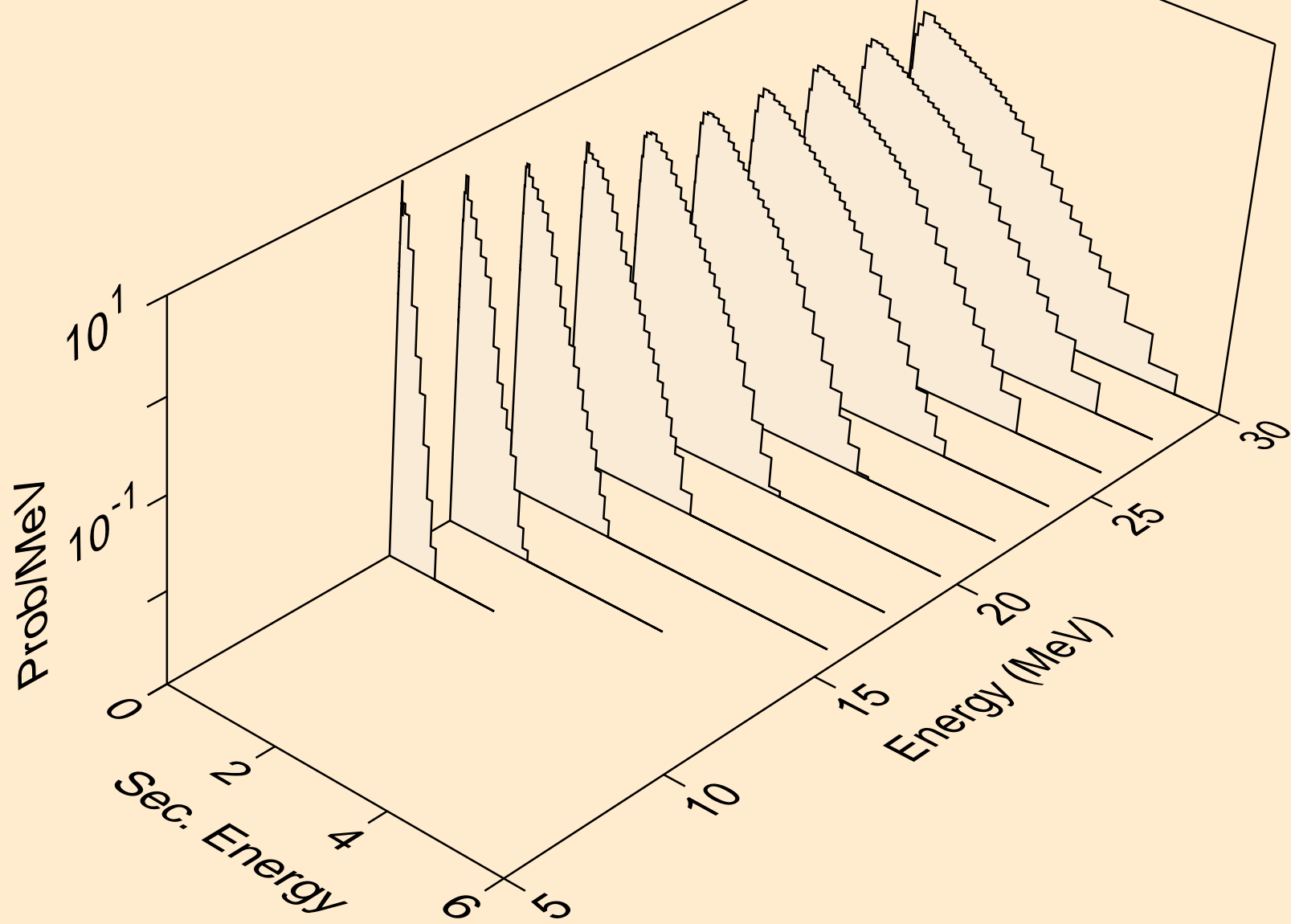




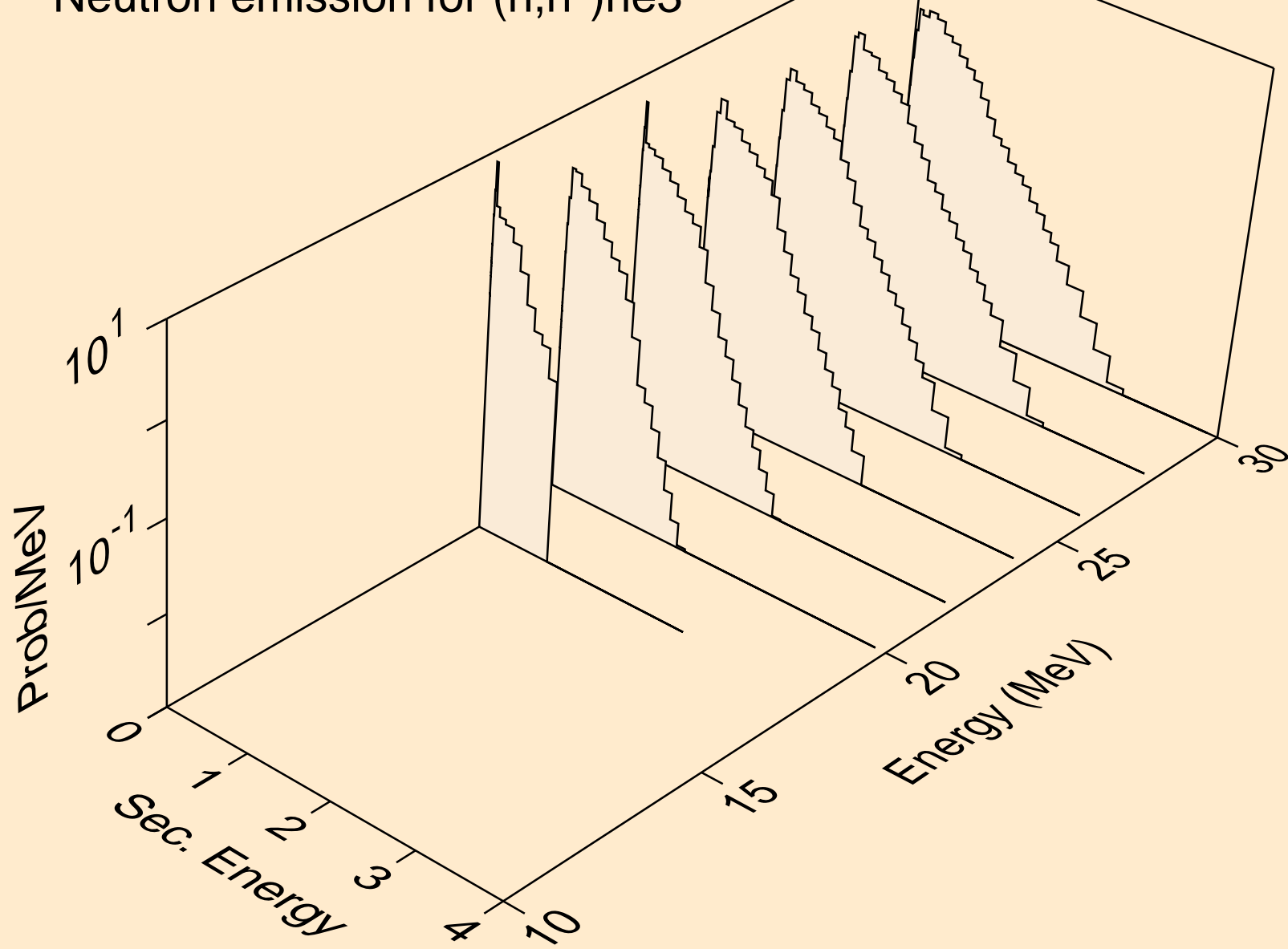
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



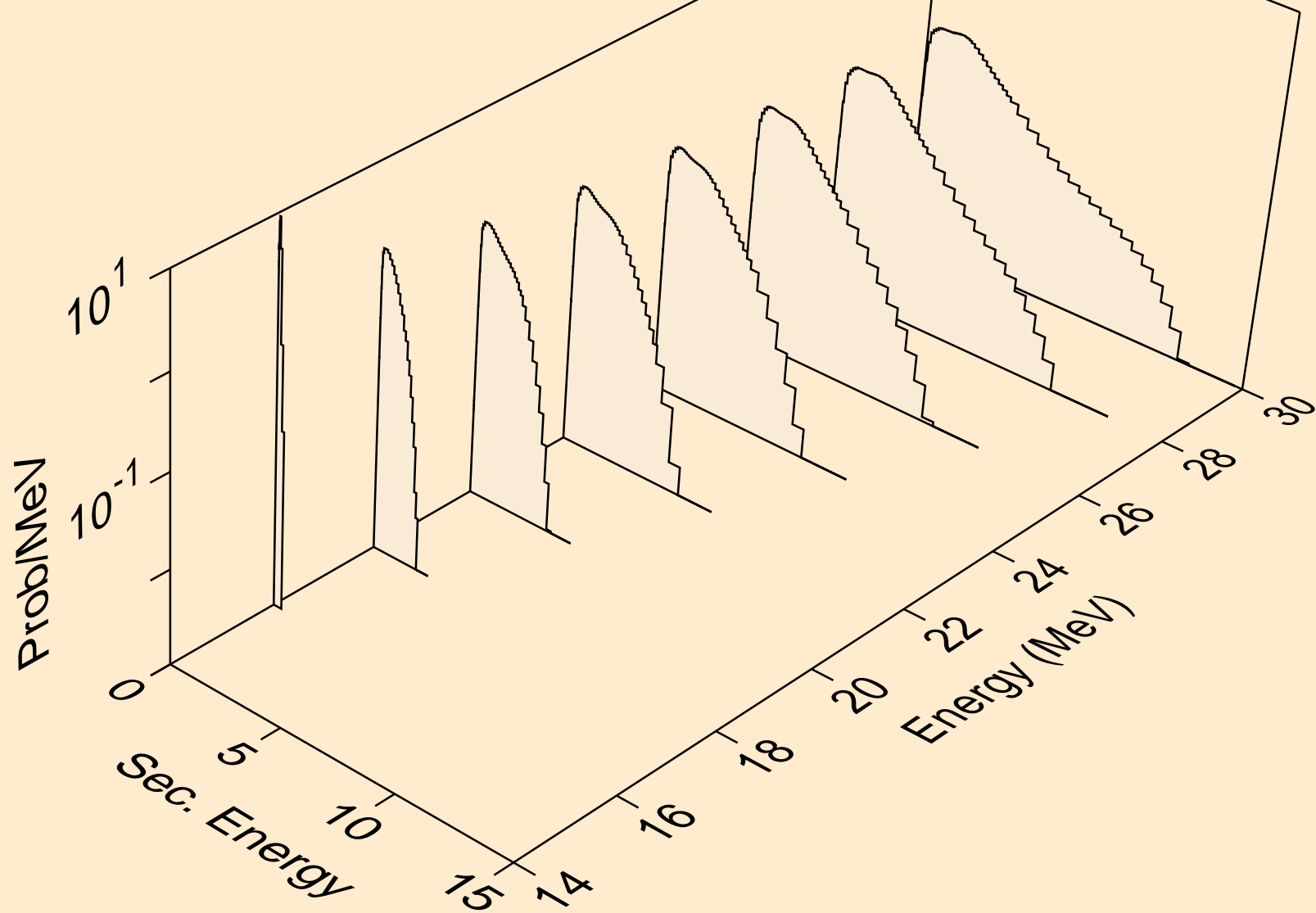
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



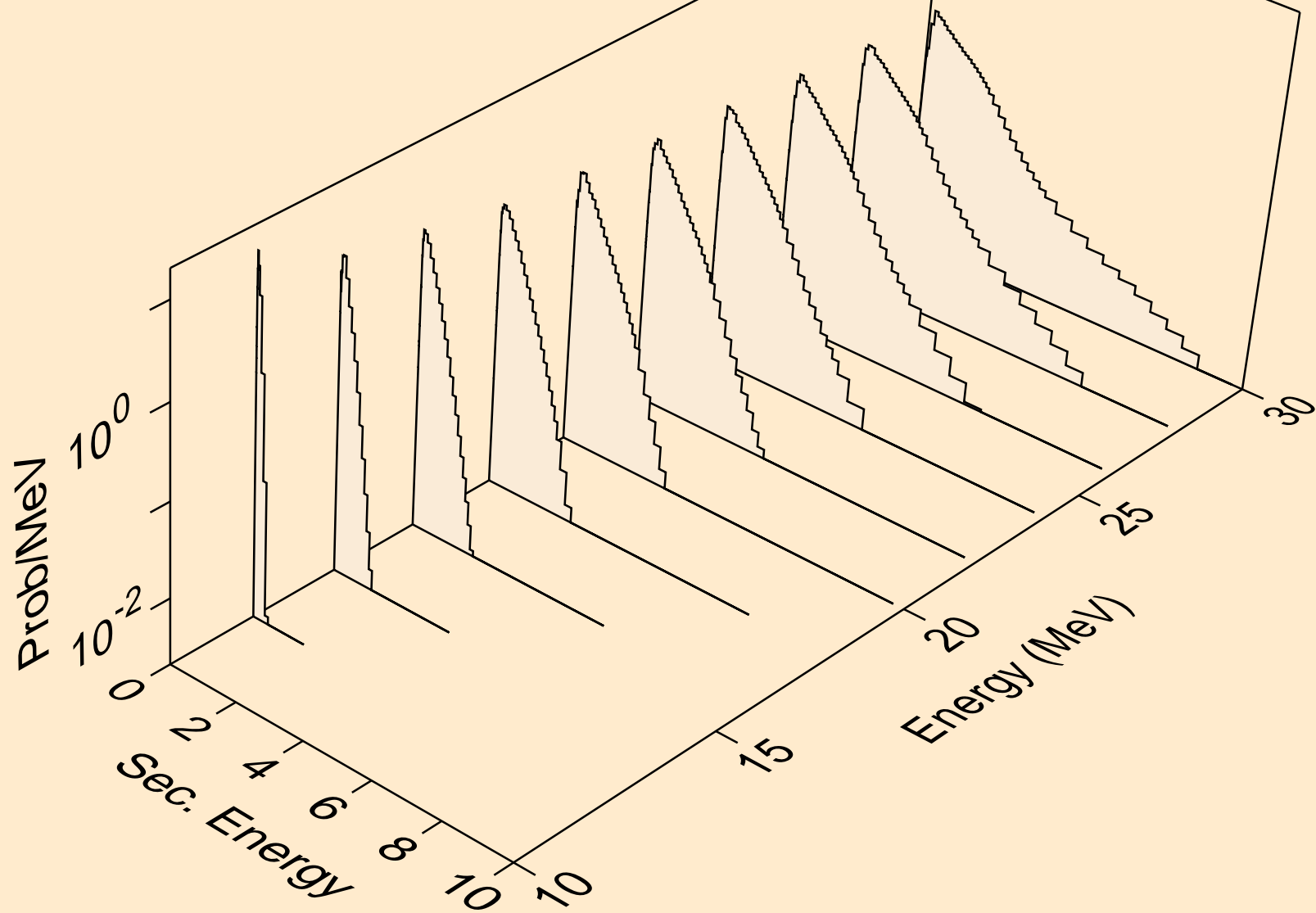
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



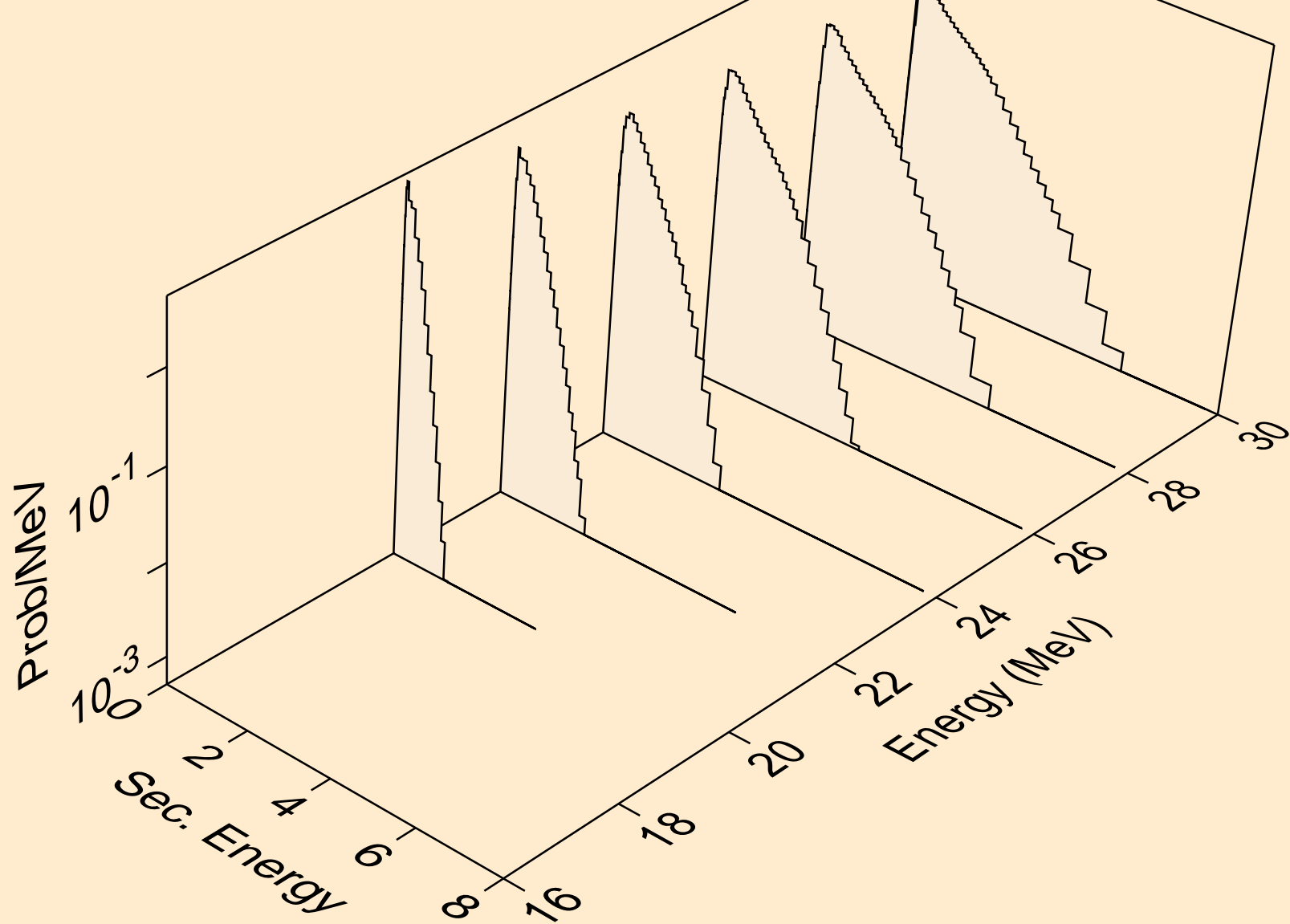
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



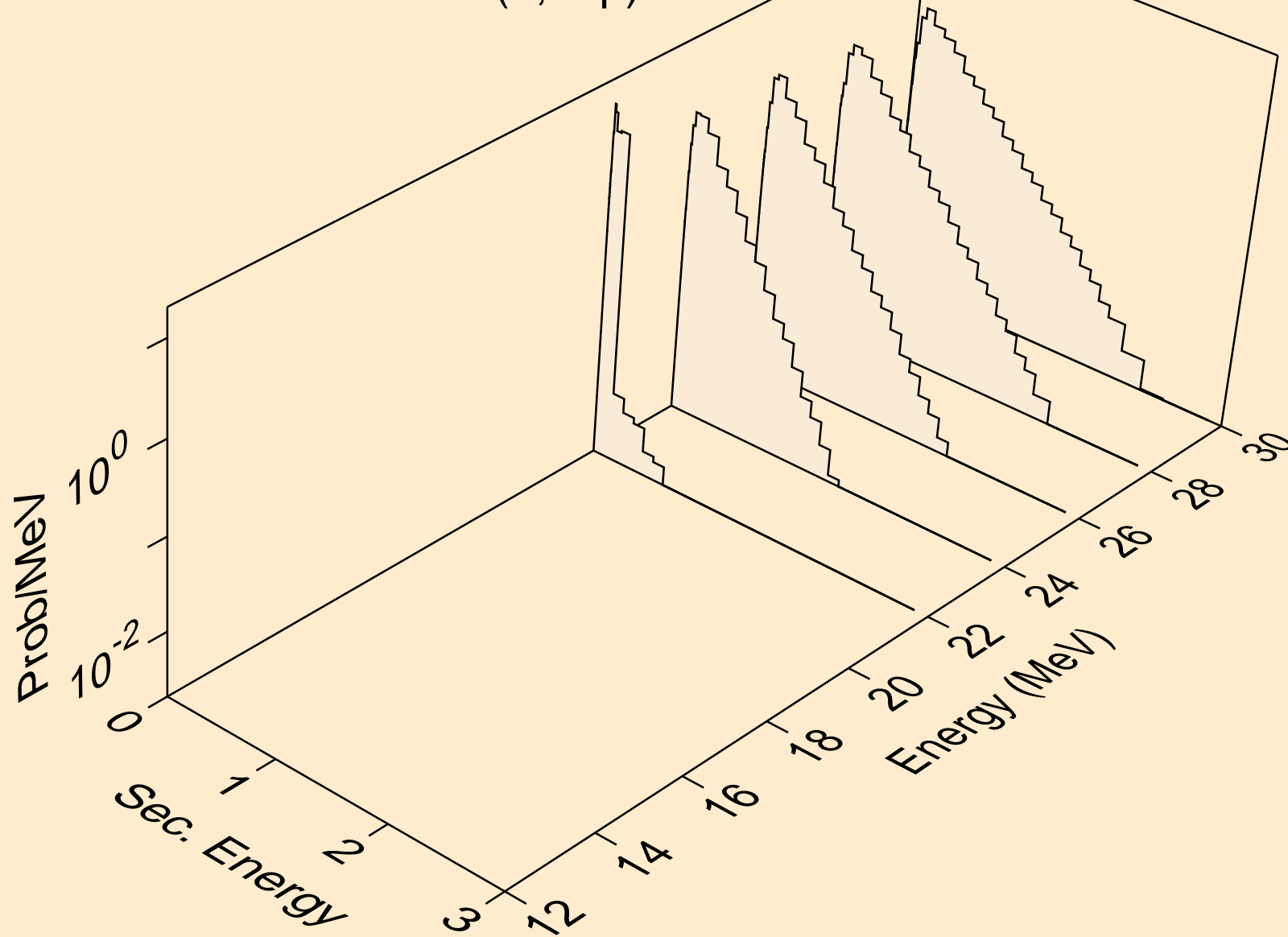
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Neutron emission for (n,2np)



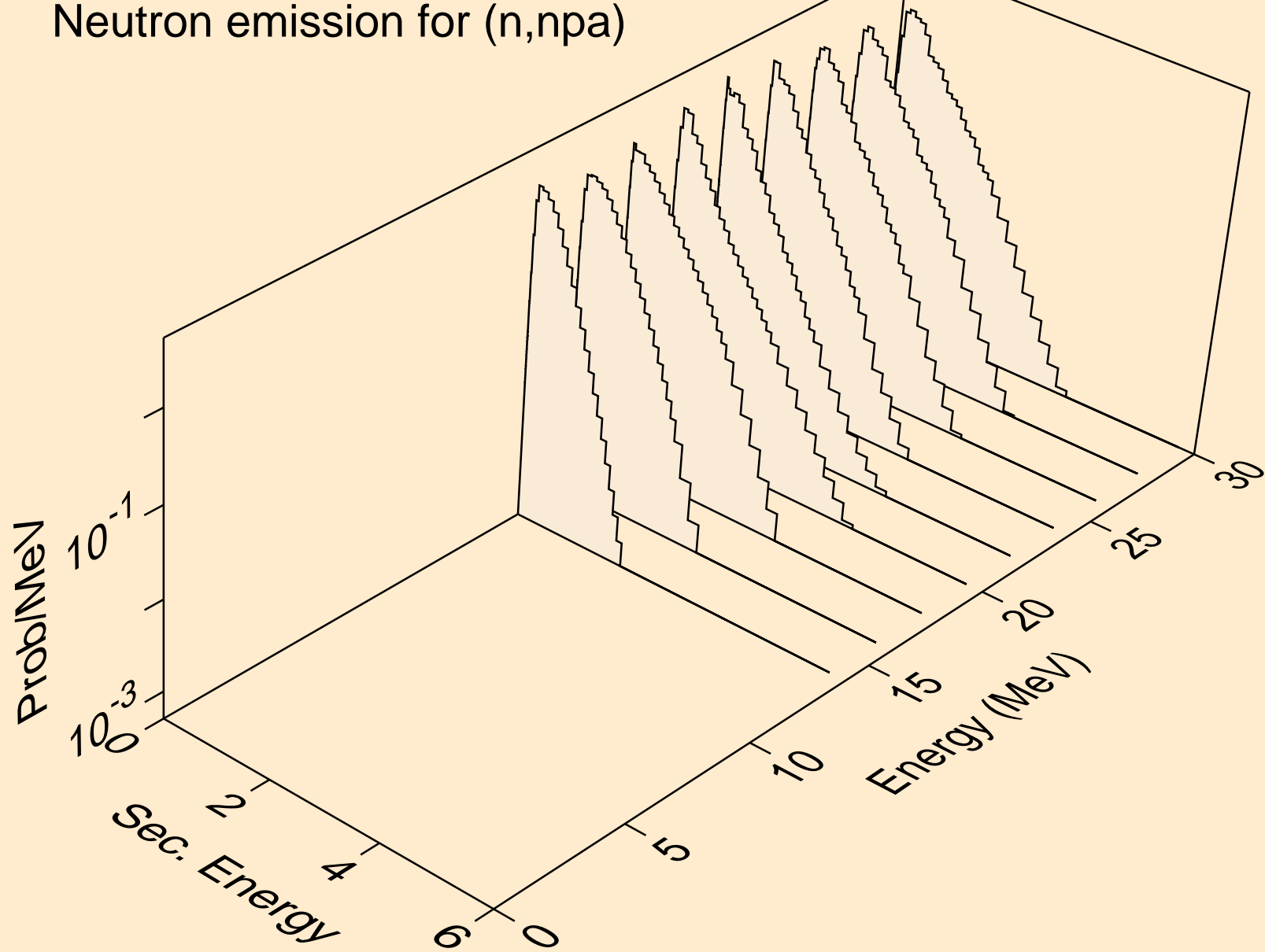
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

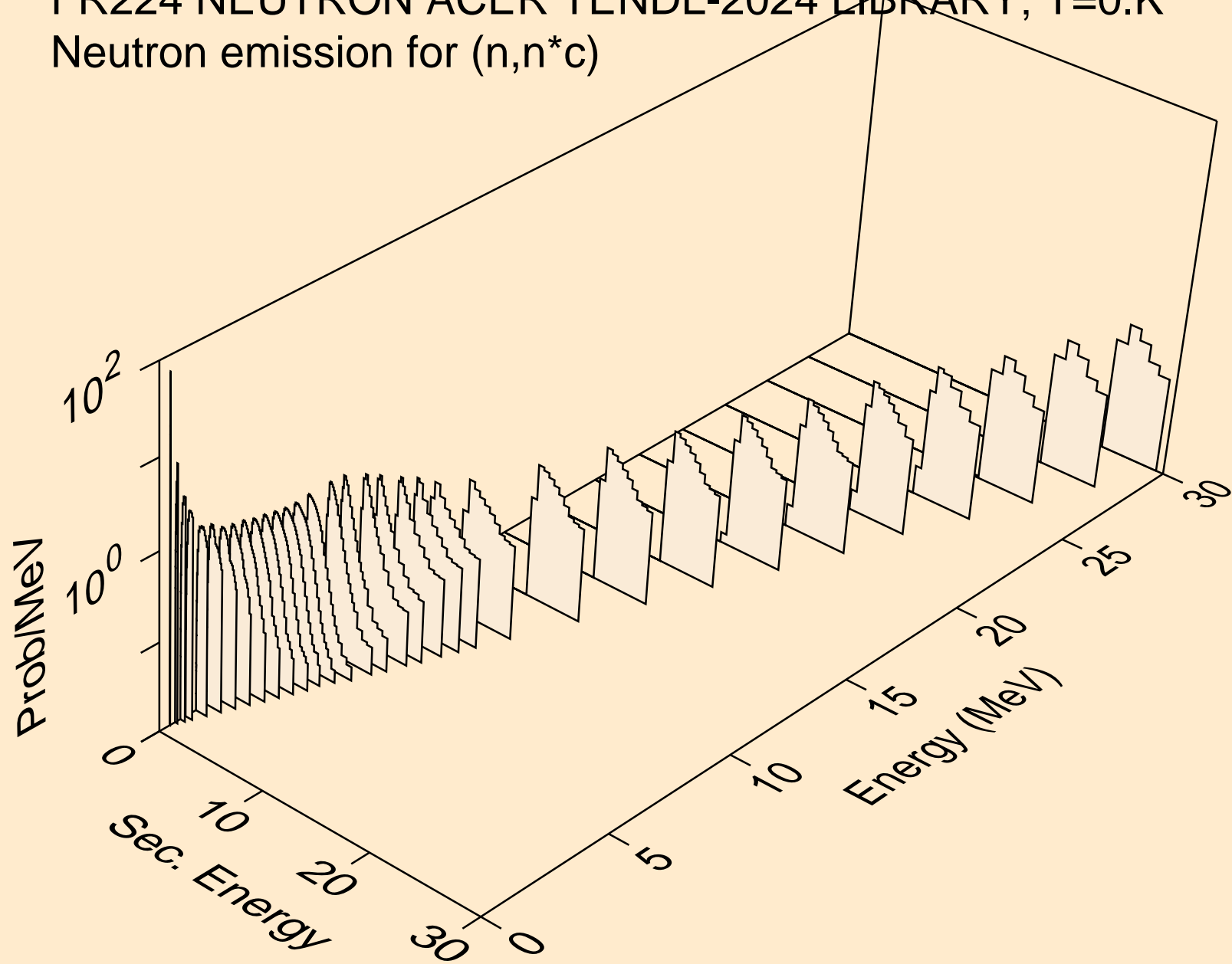


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



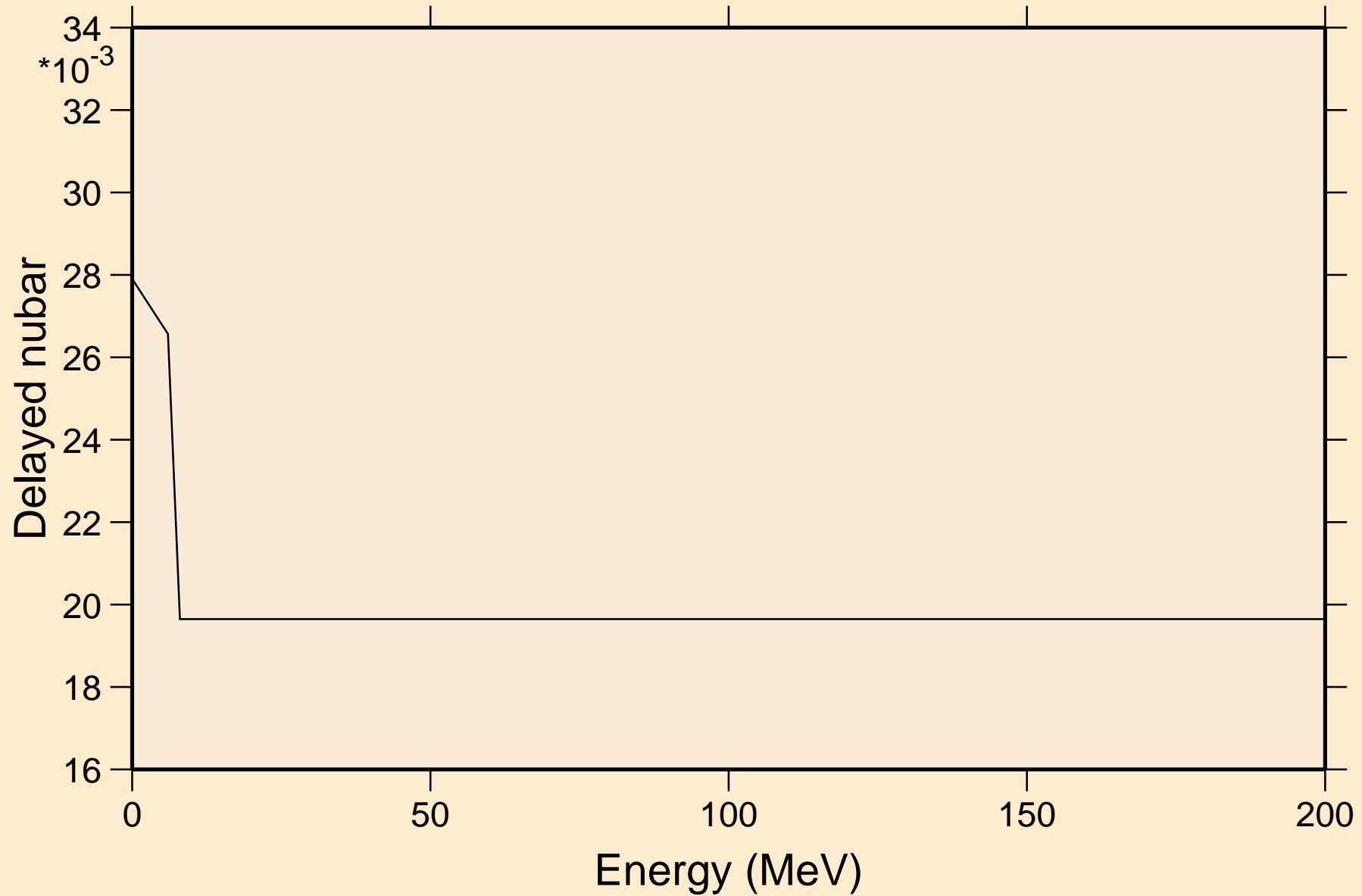


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



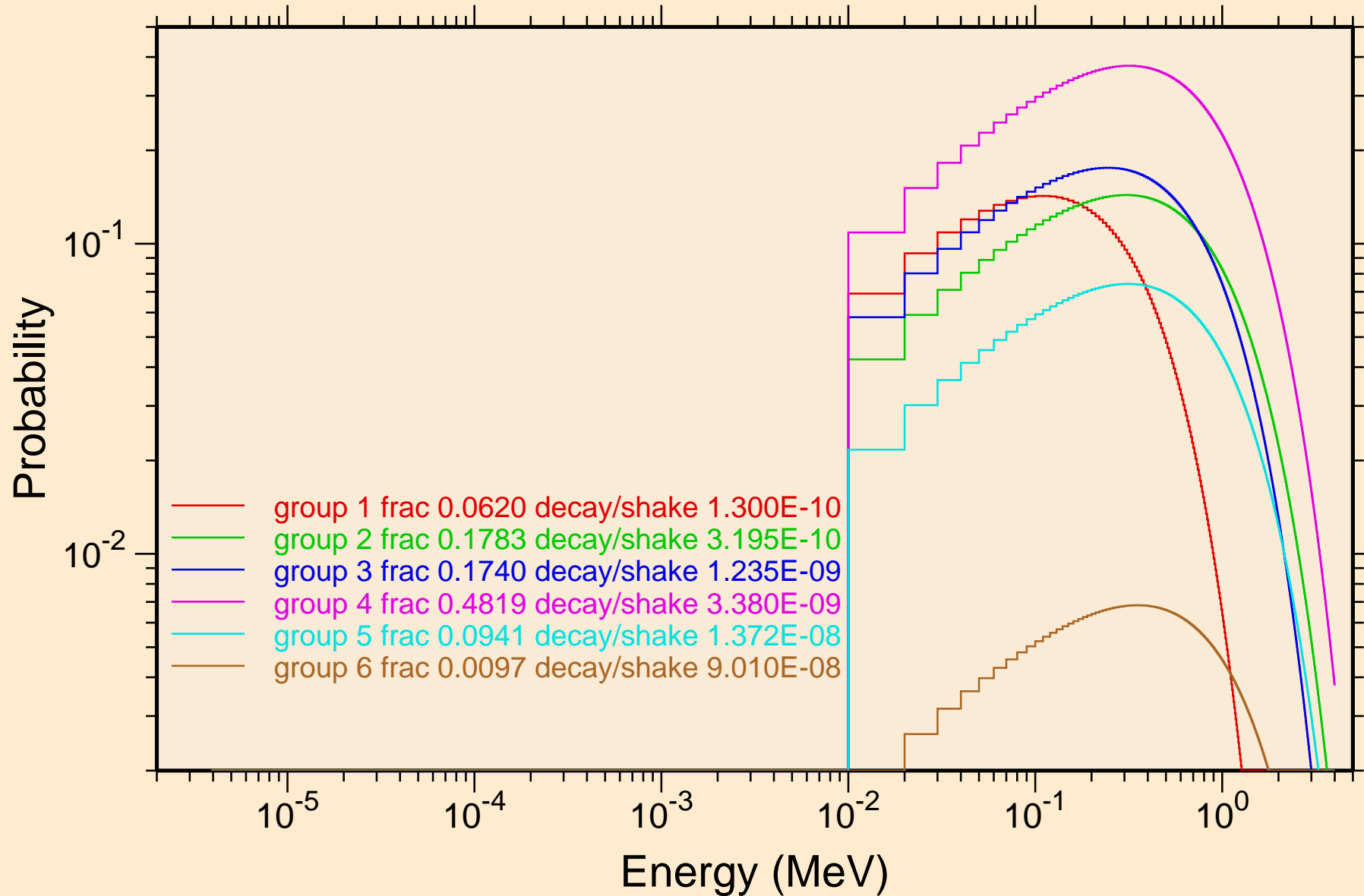
# FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Delayed nubar

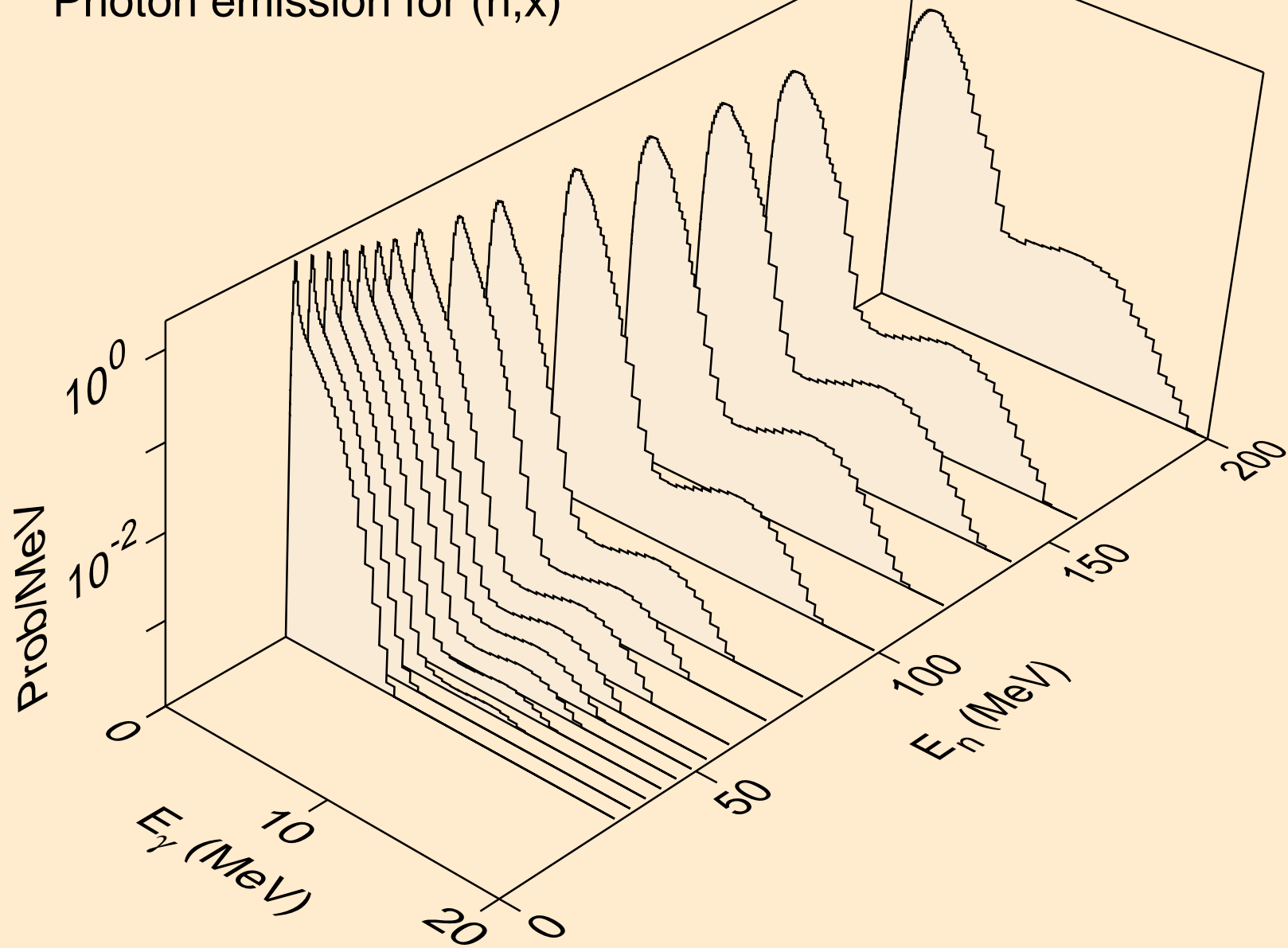


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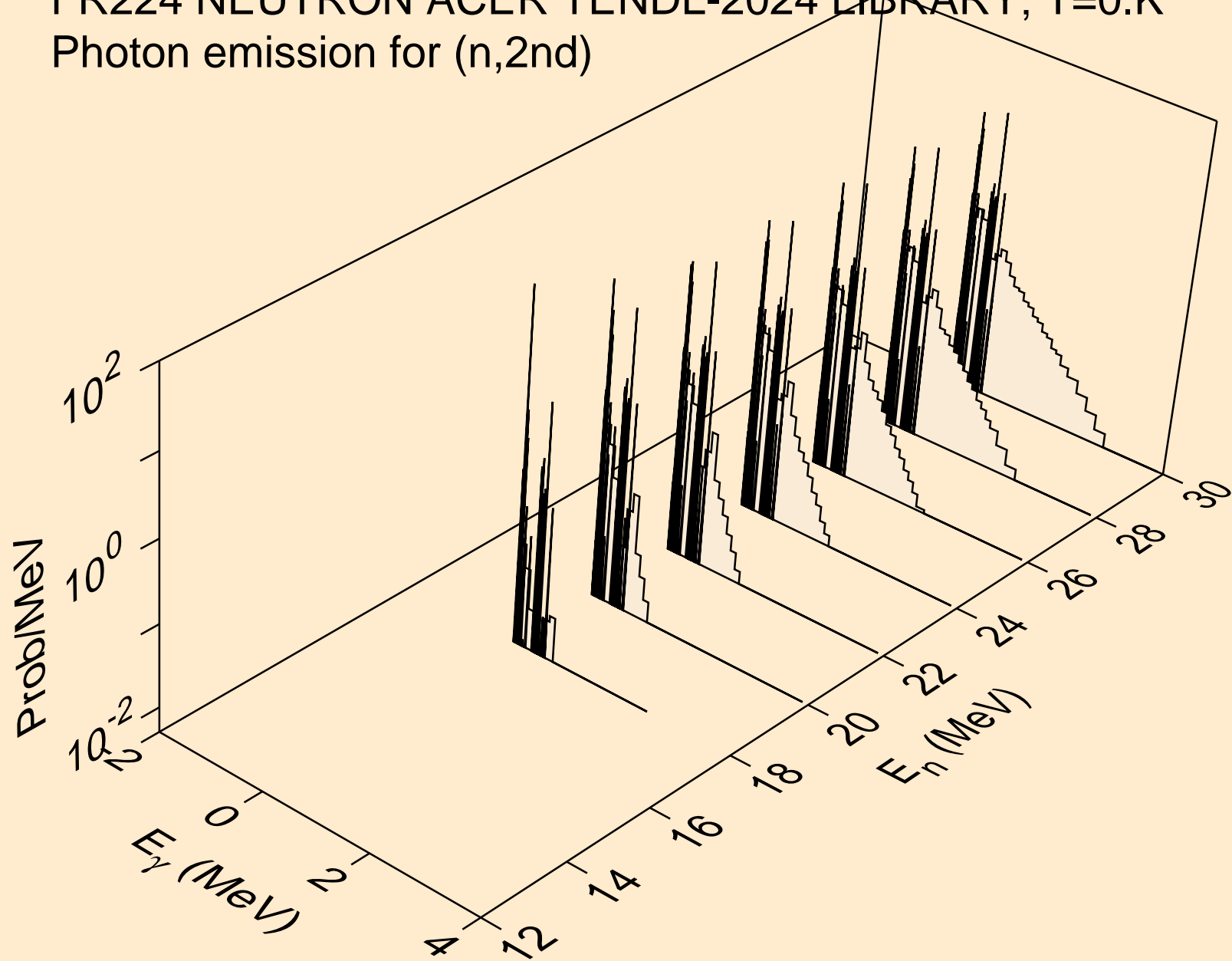
## Delayed neutron spectra



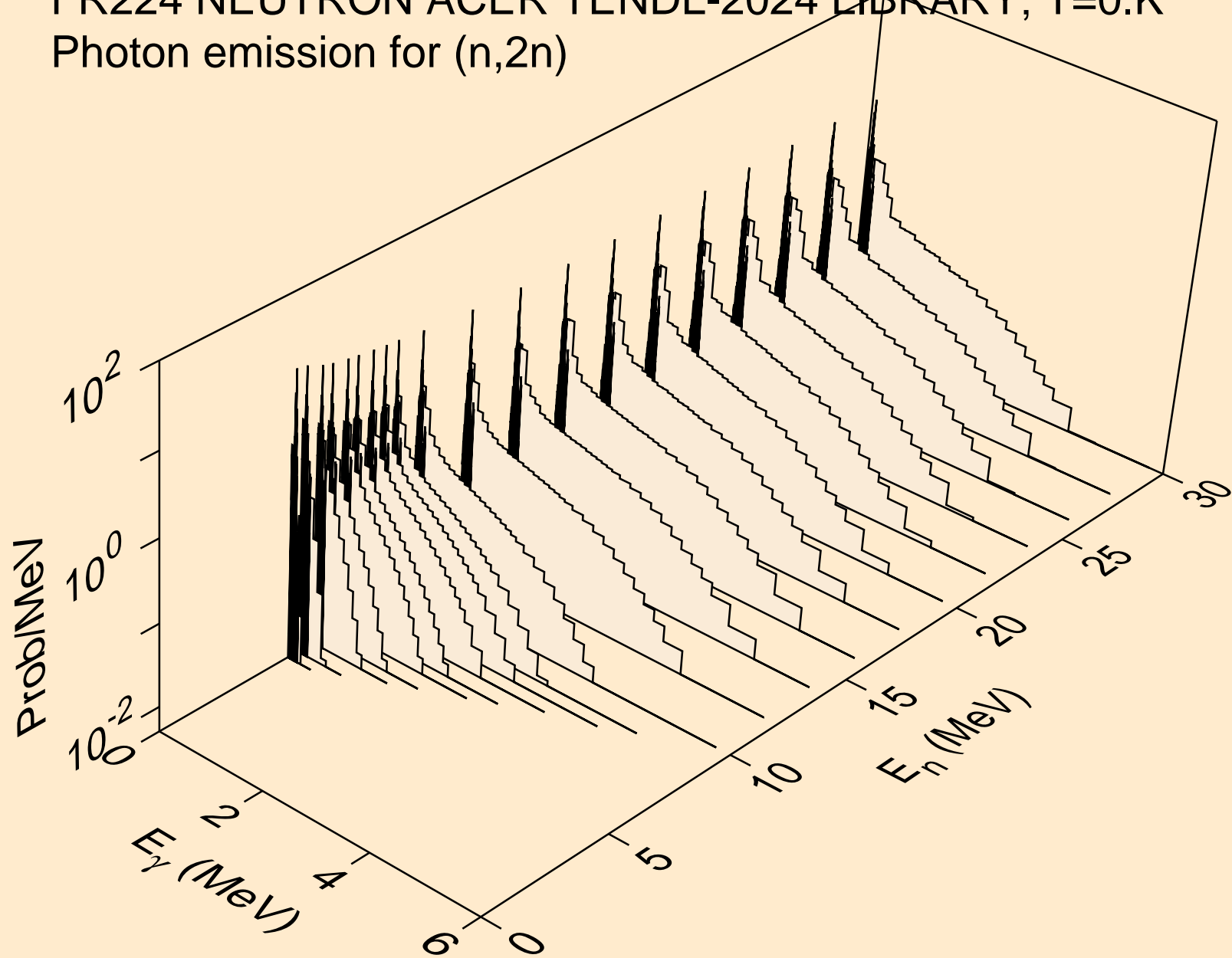
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



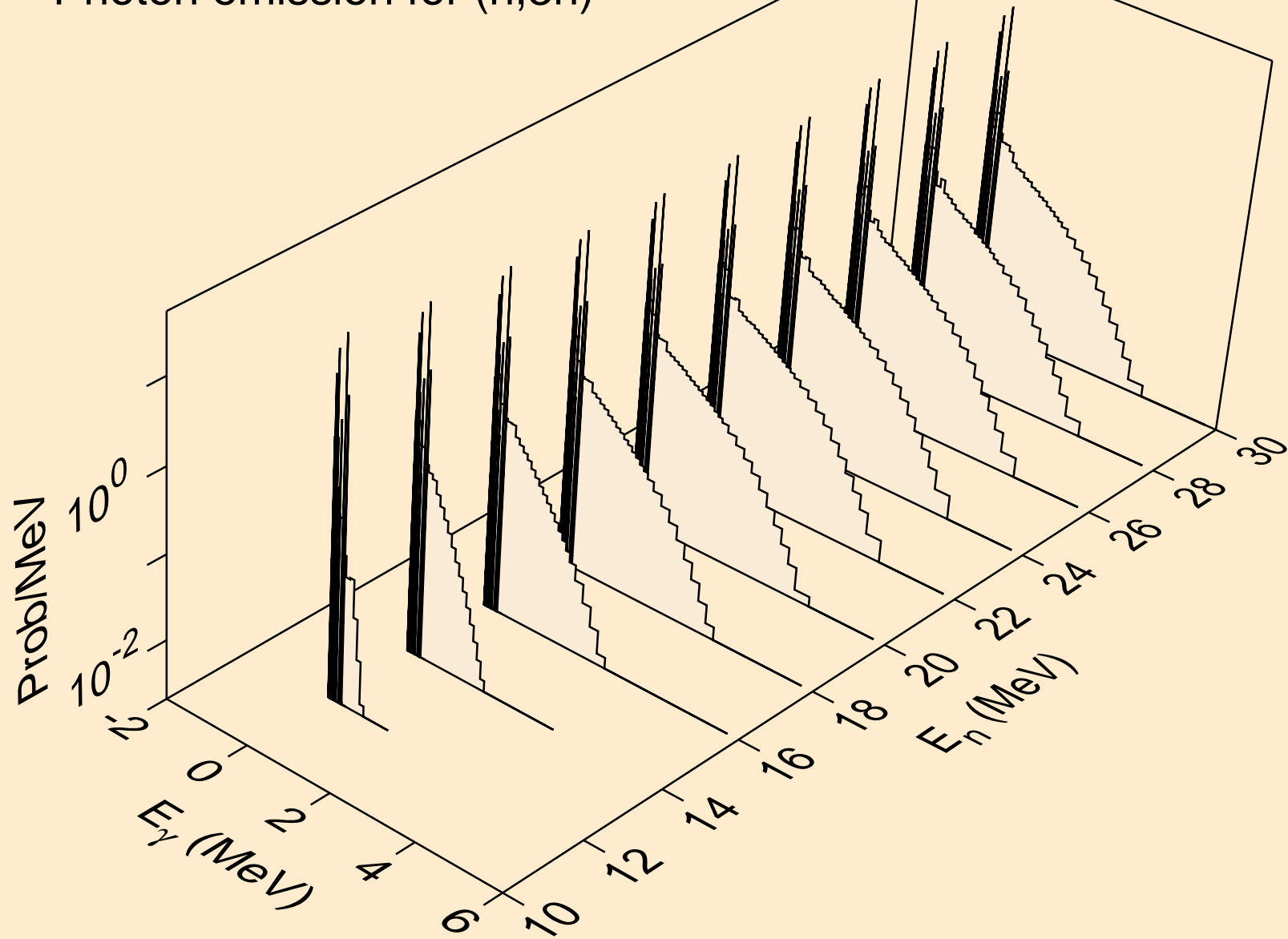
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



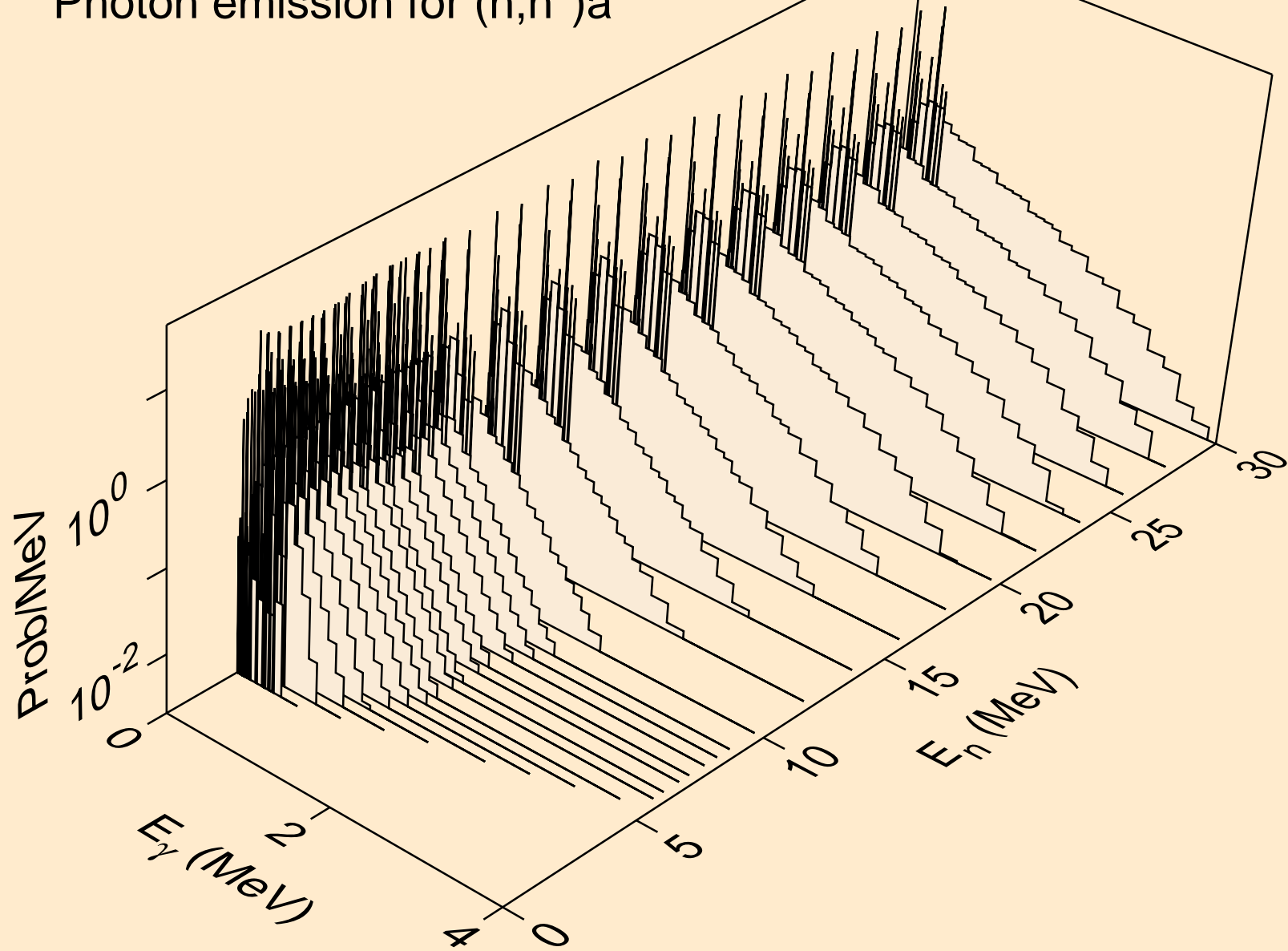
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)

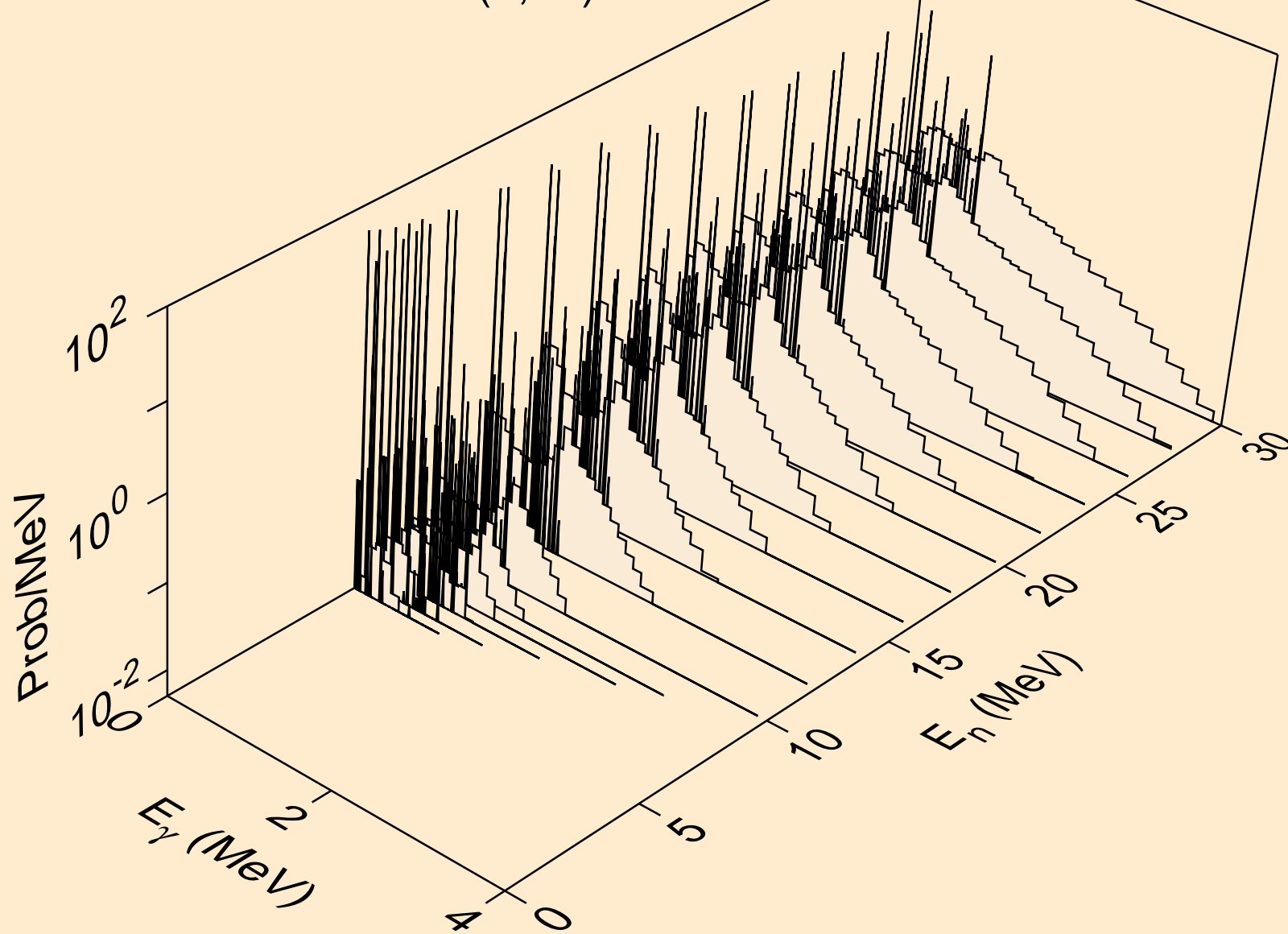


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

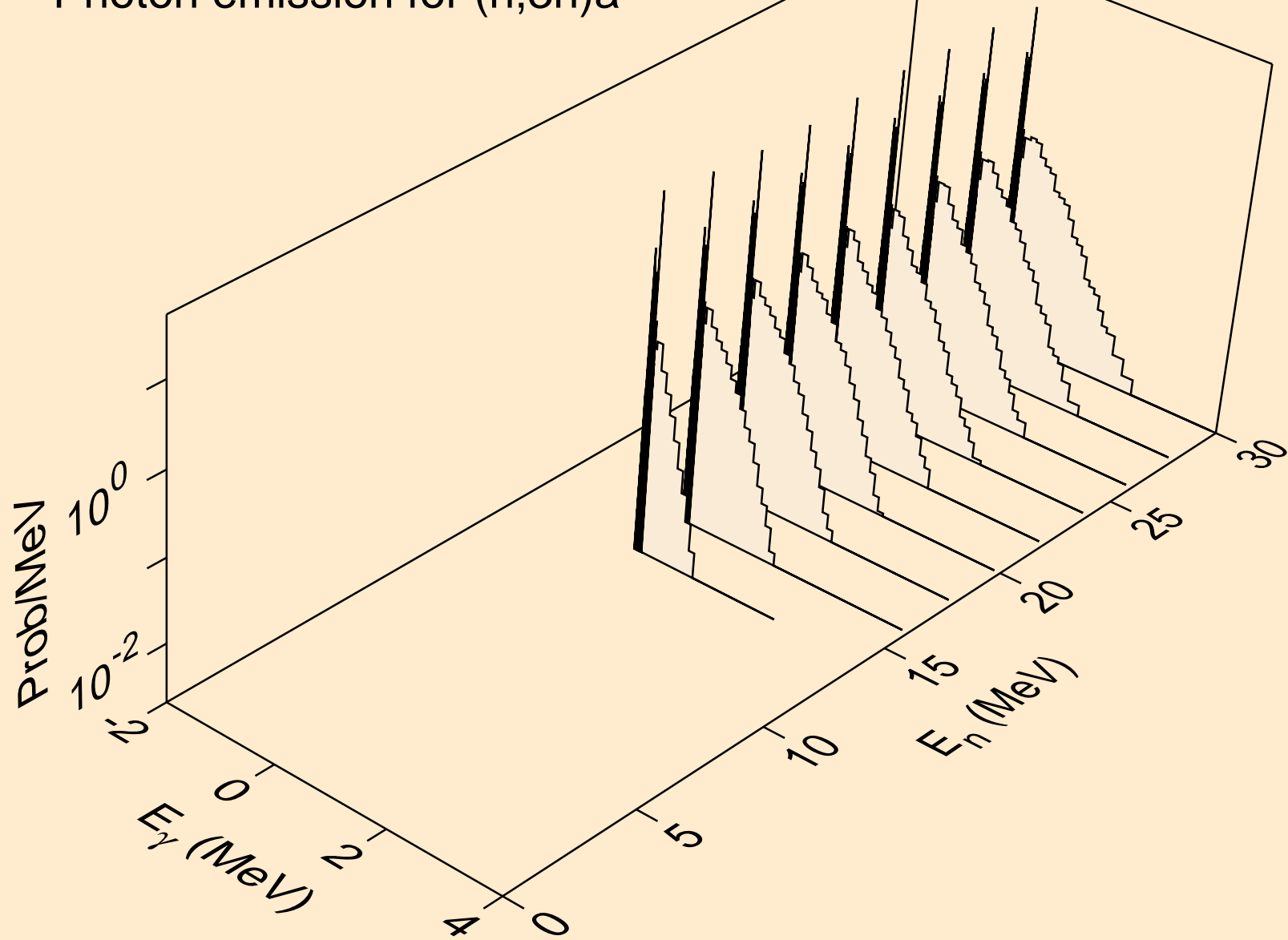




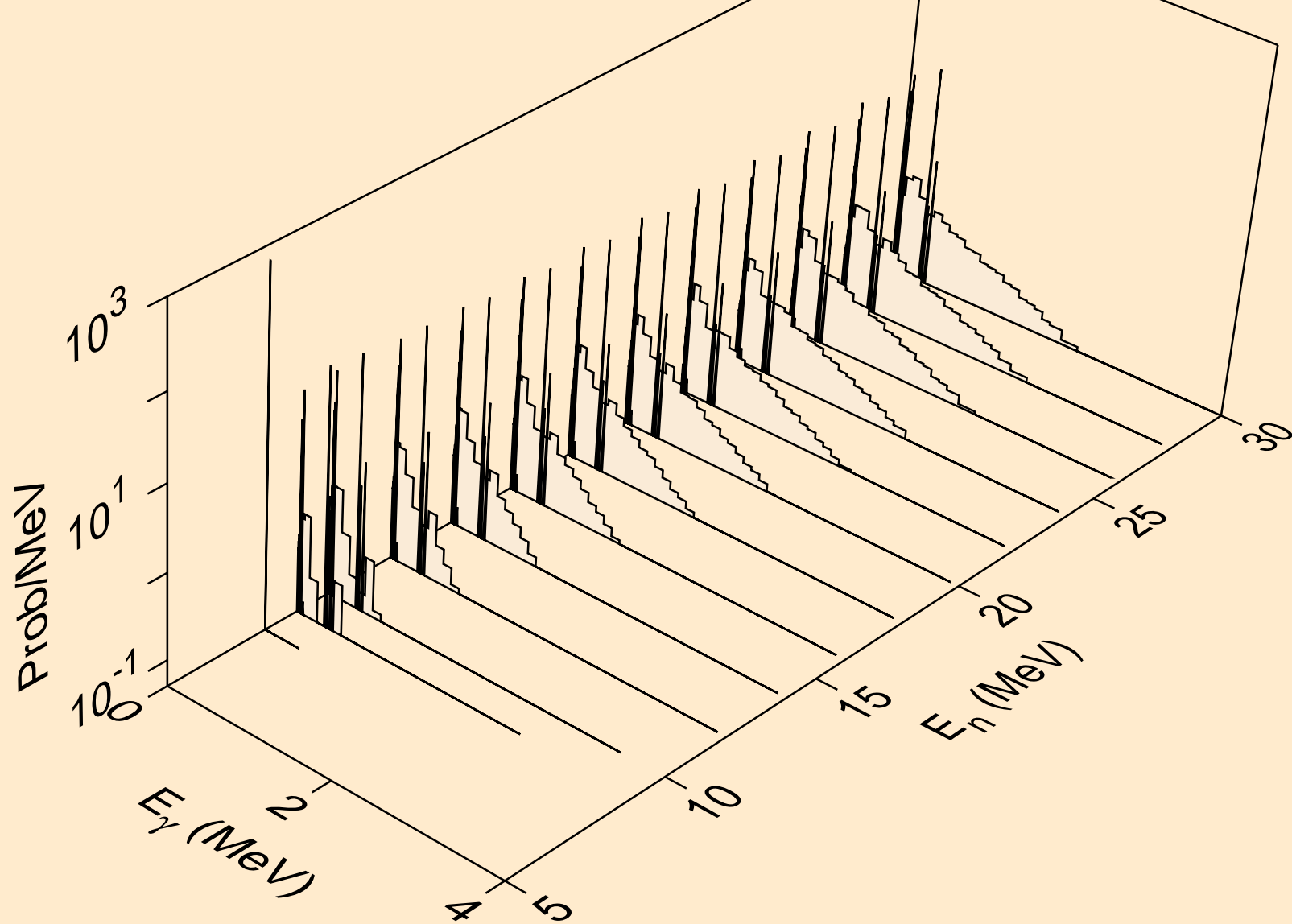
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



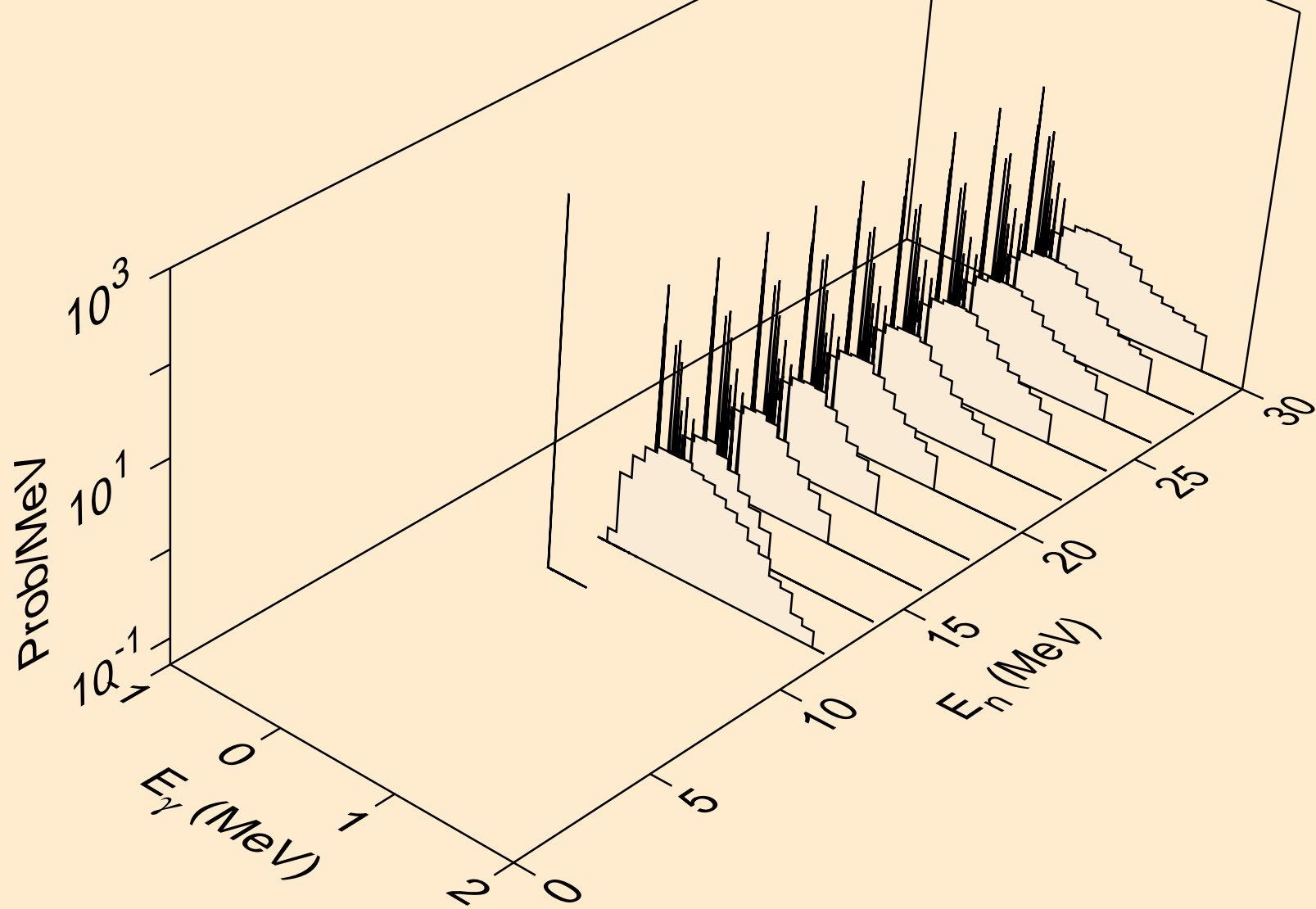
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Photon emission for (n,3n)a



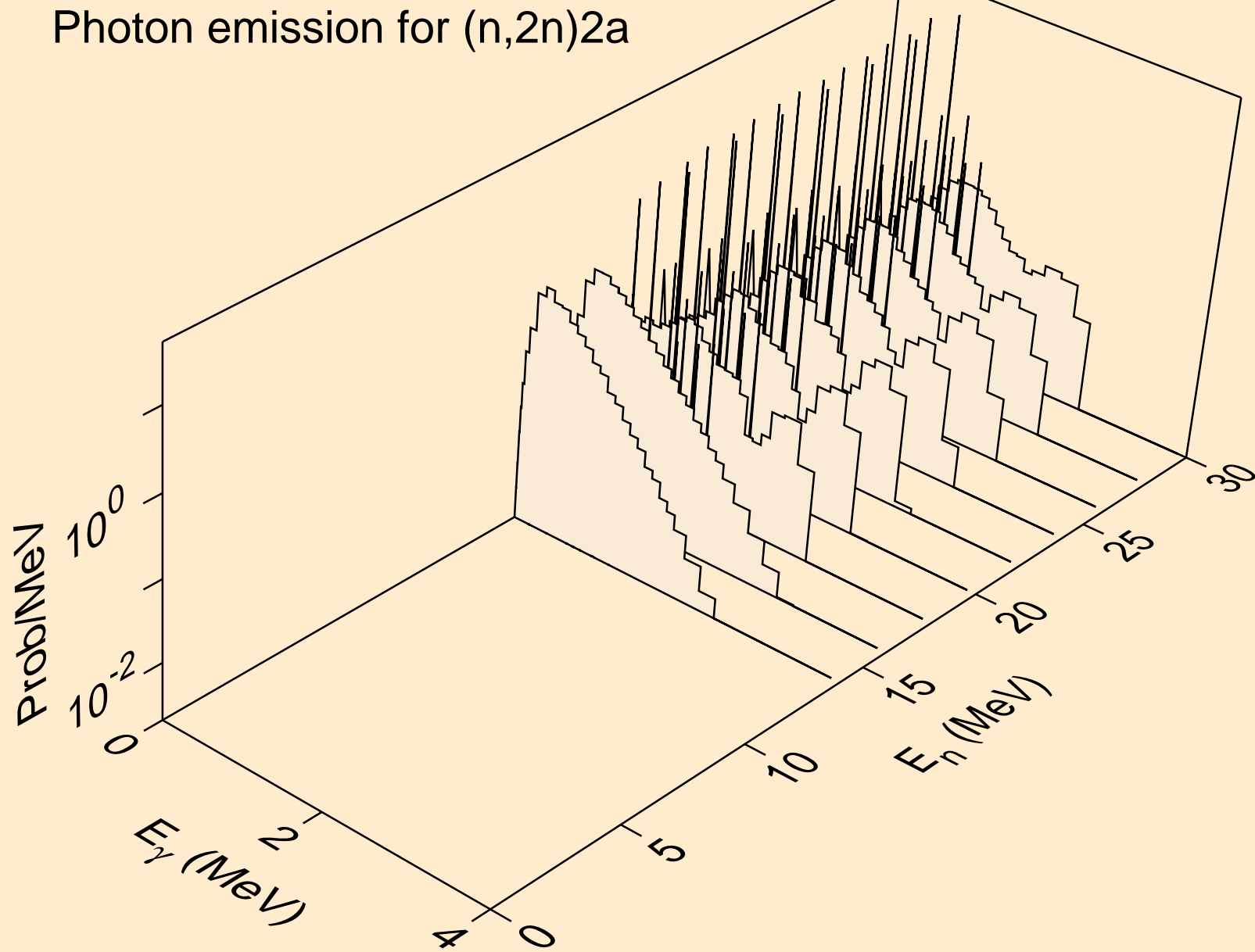
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Photon emission for (n,n\*)p



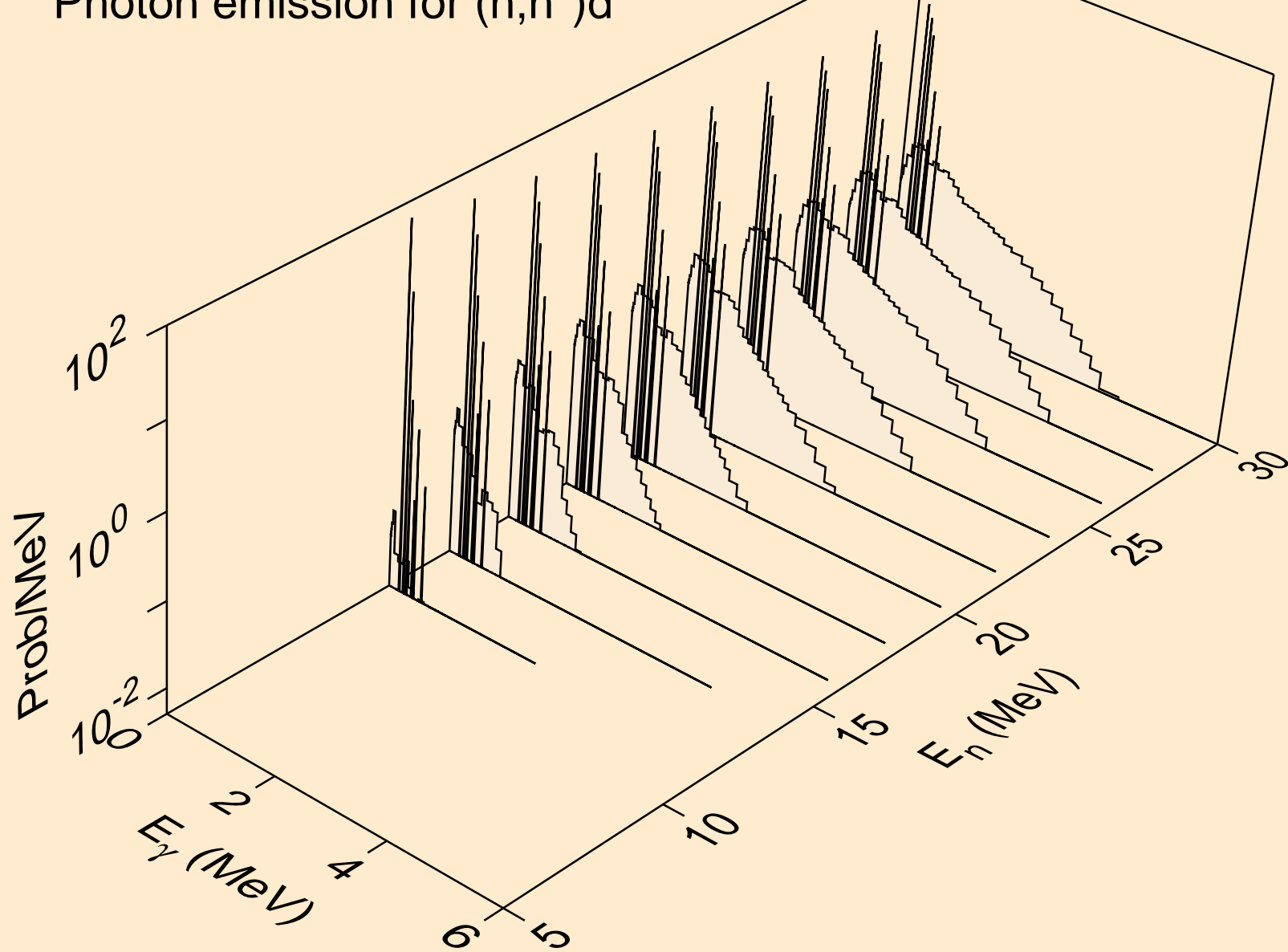
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Photon emission for (n,n\*)2a



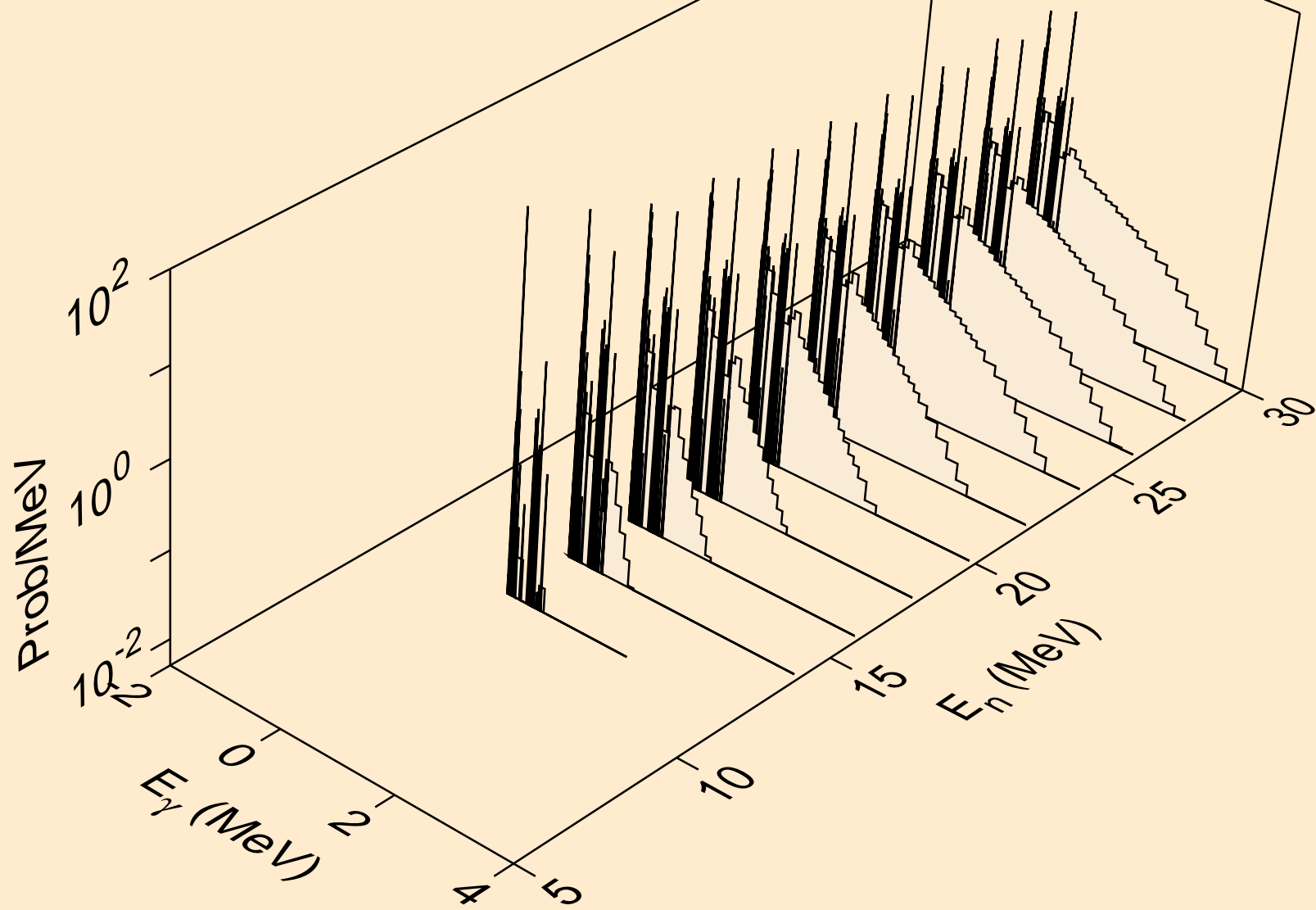
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Photon emission for (n,2n)2a



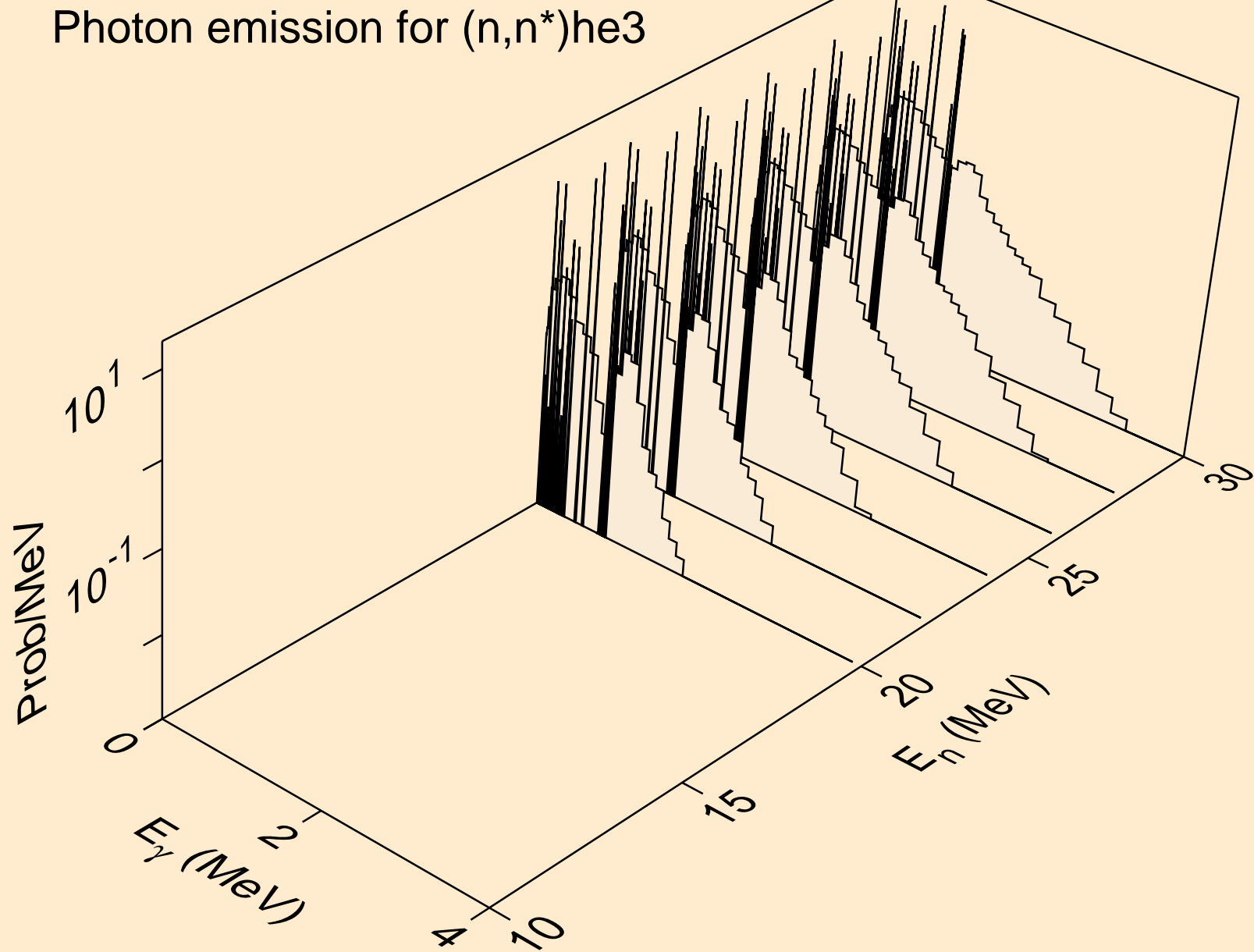
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

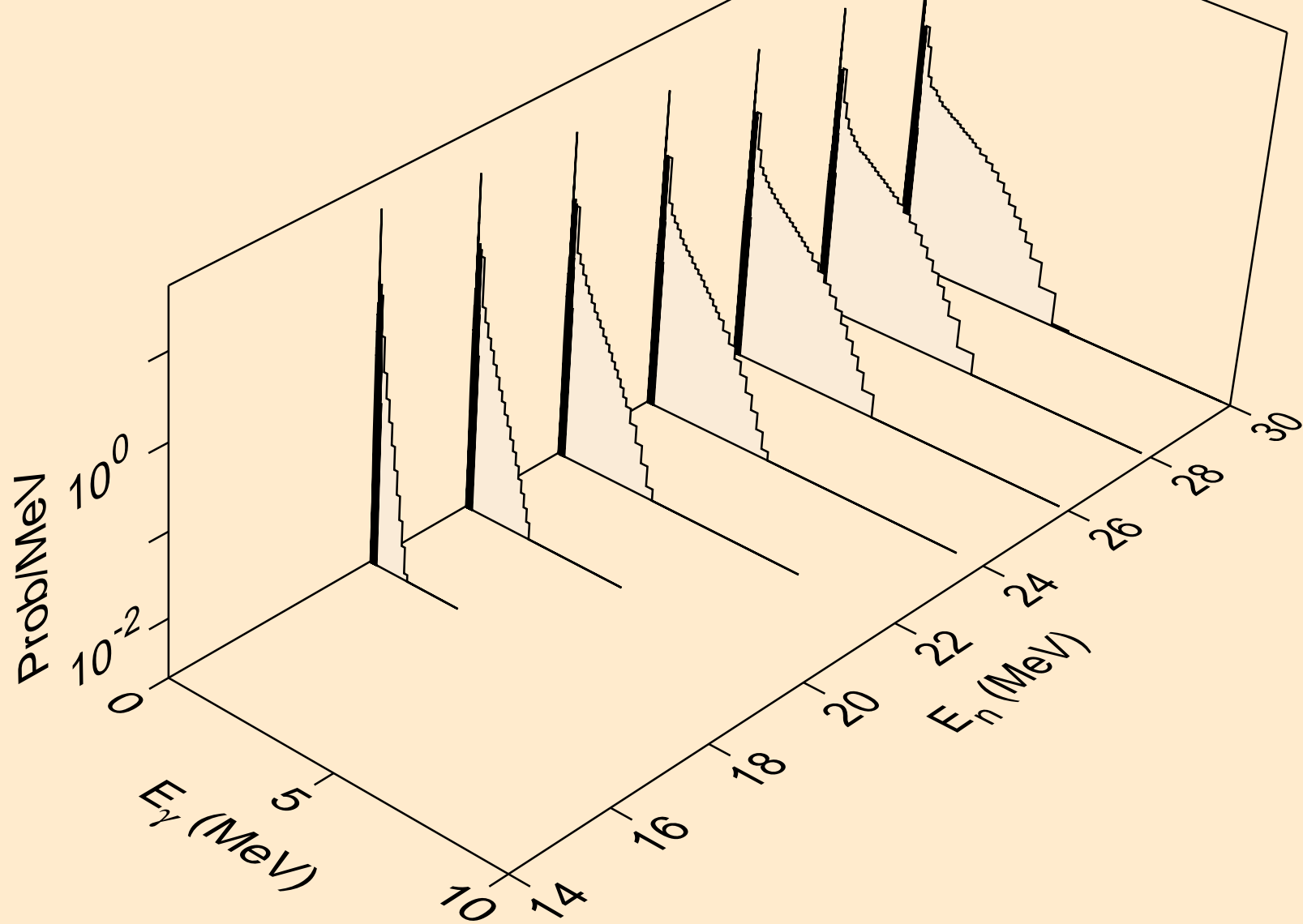


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

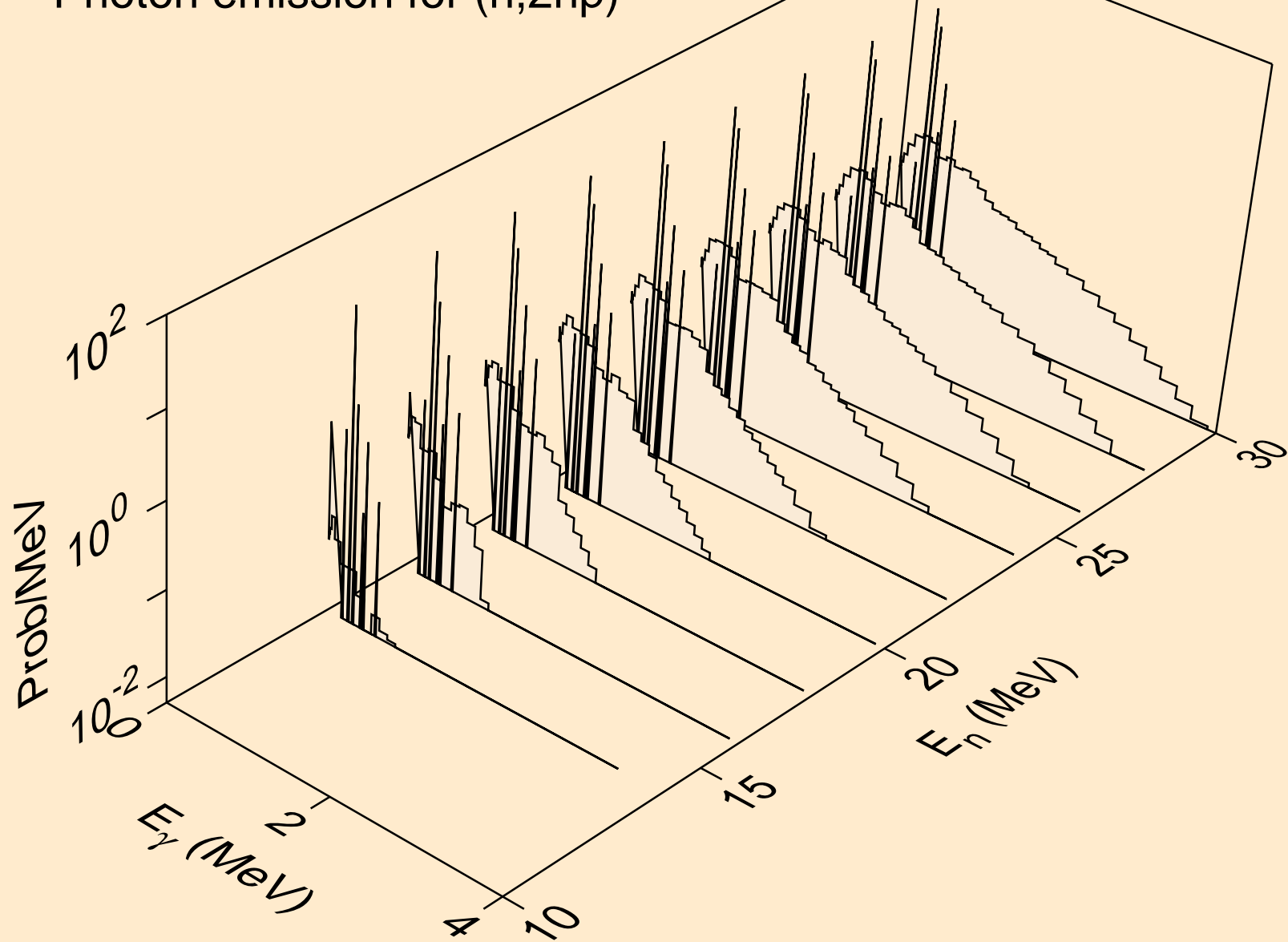




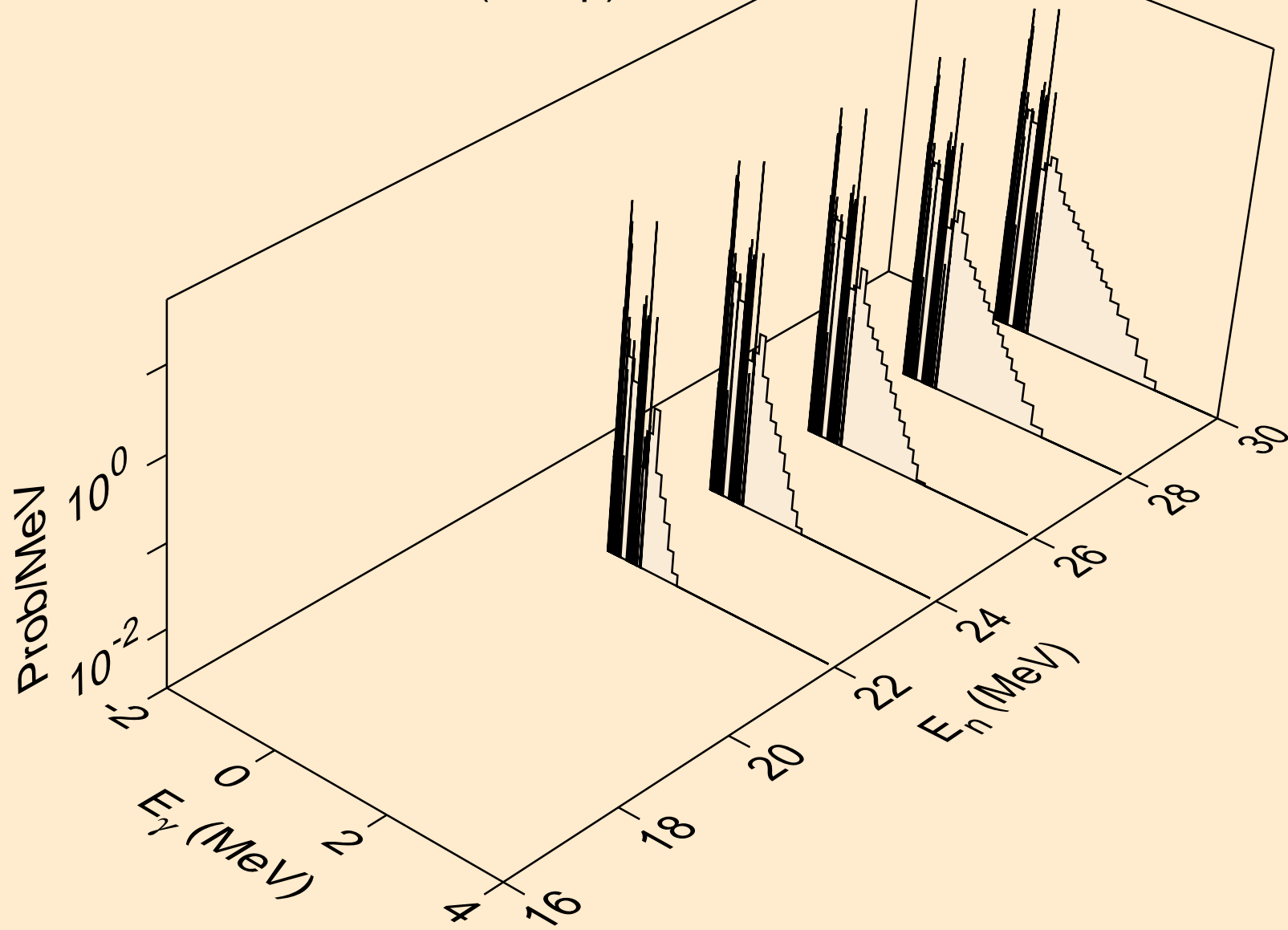
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Photon emission for (n,4n)



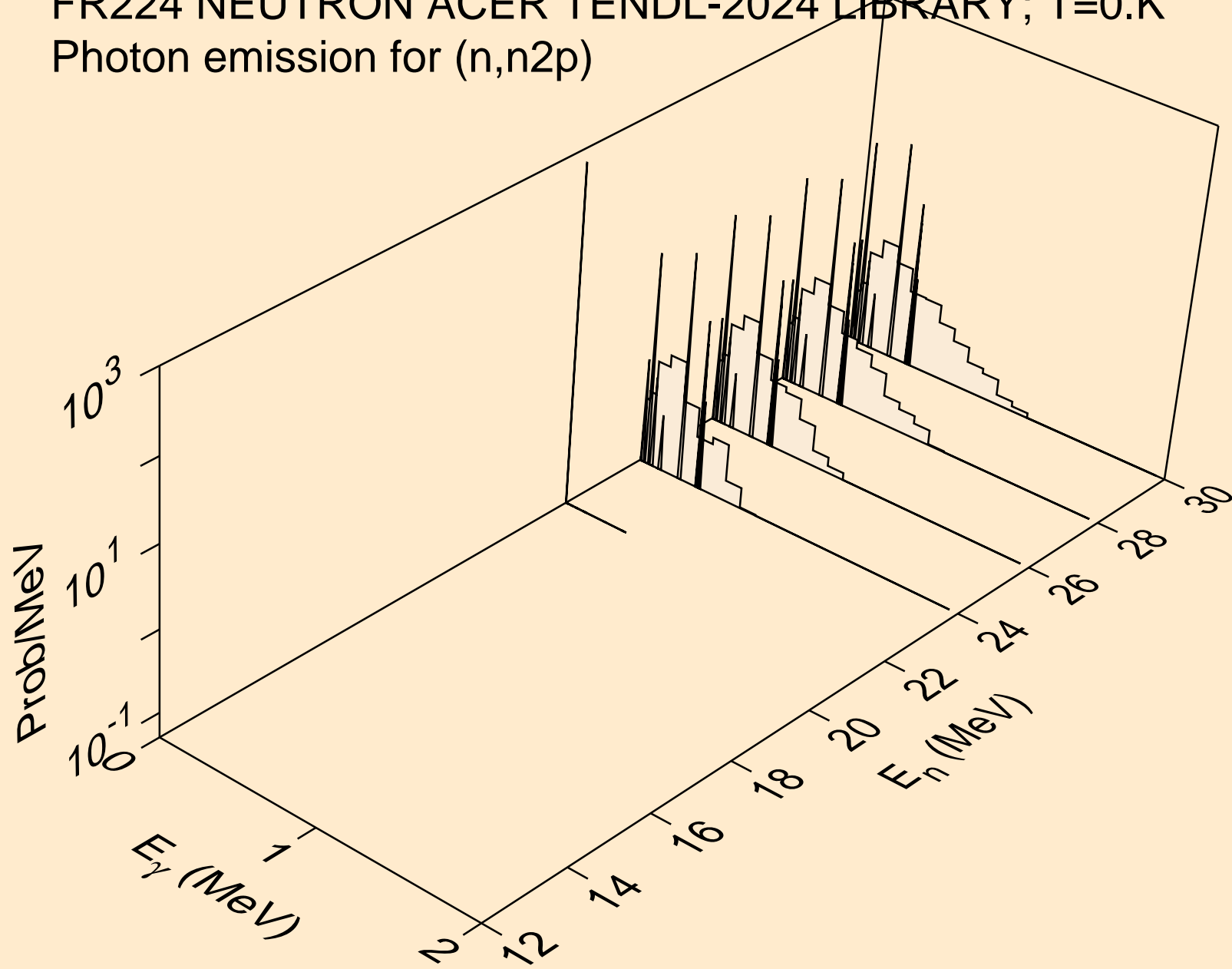
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Photon emission for (n,2np)



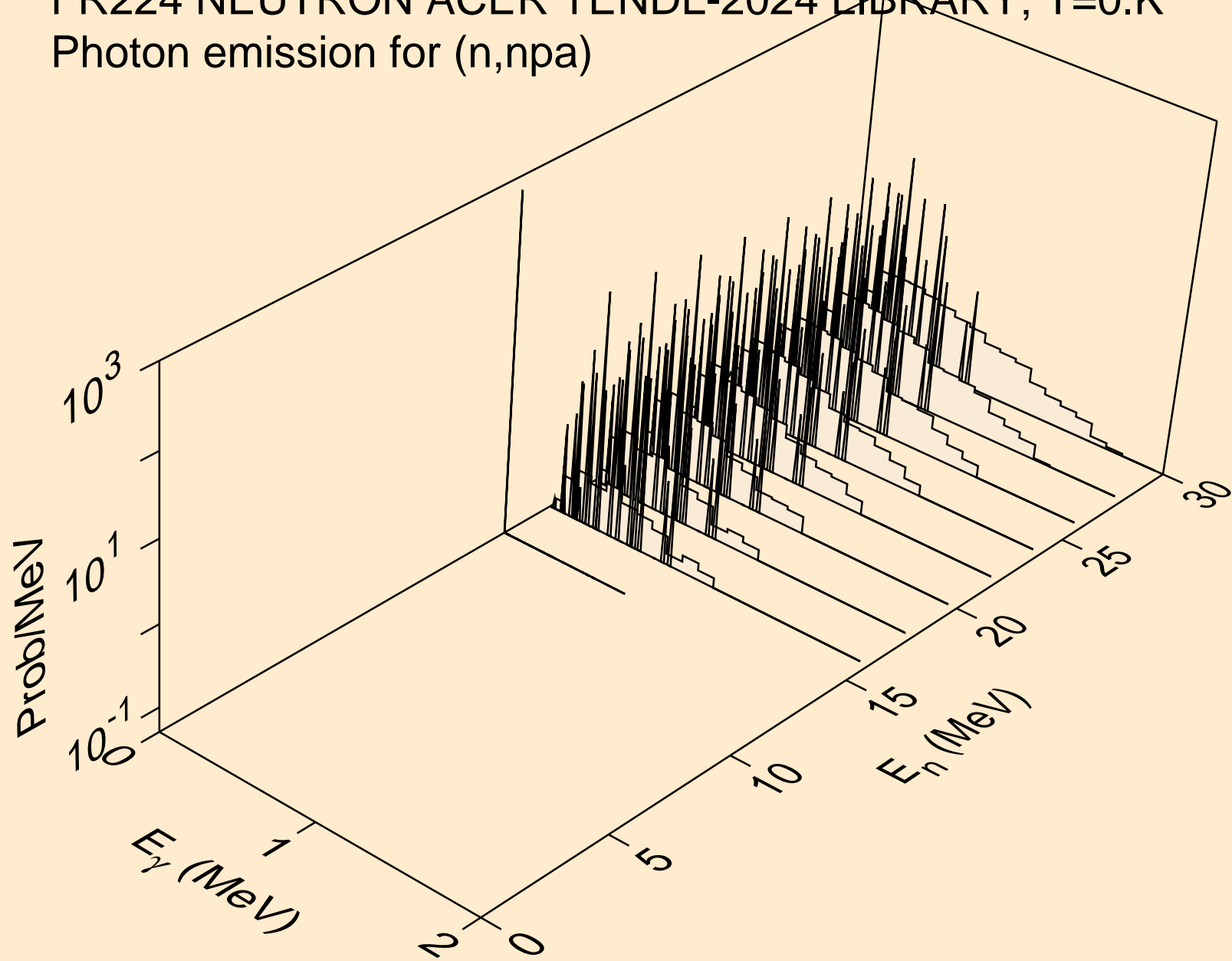
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Photon emission for (n,3np)



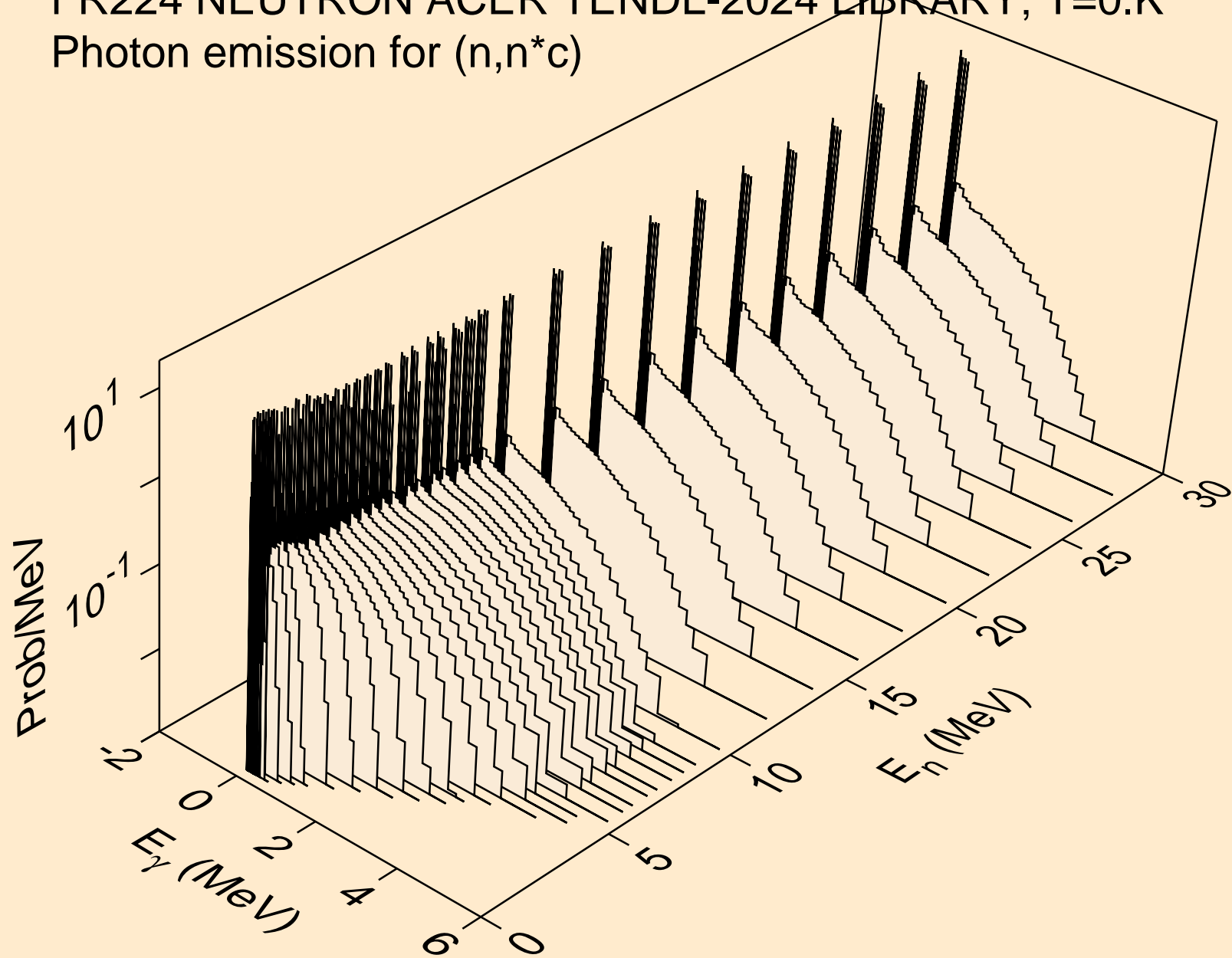
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Photon emission for (n,n2p)



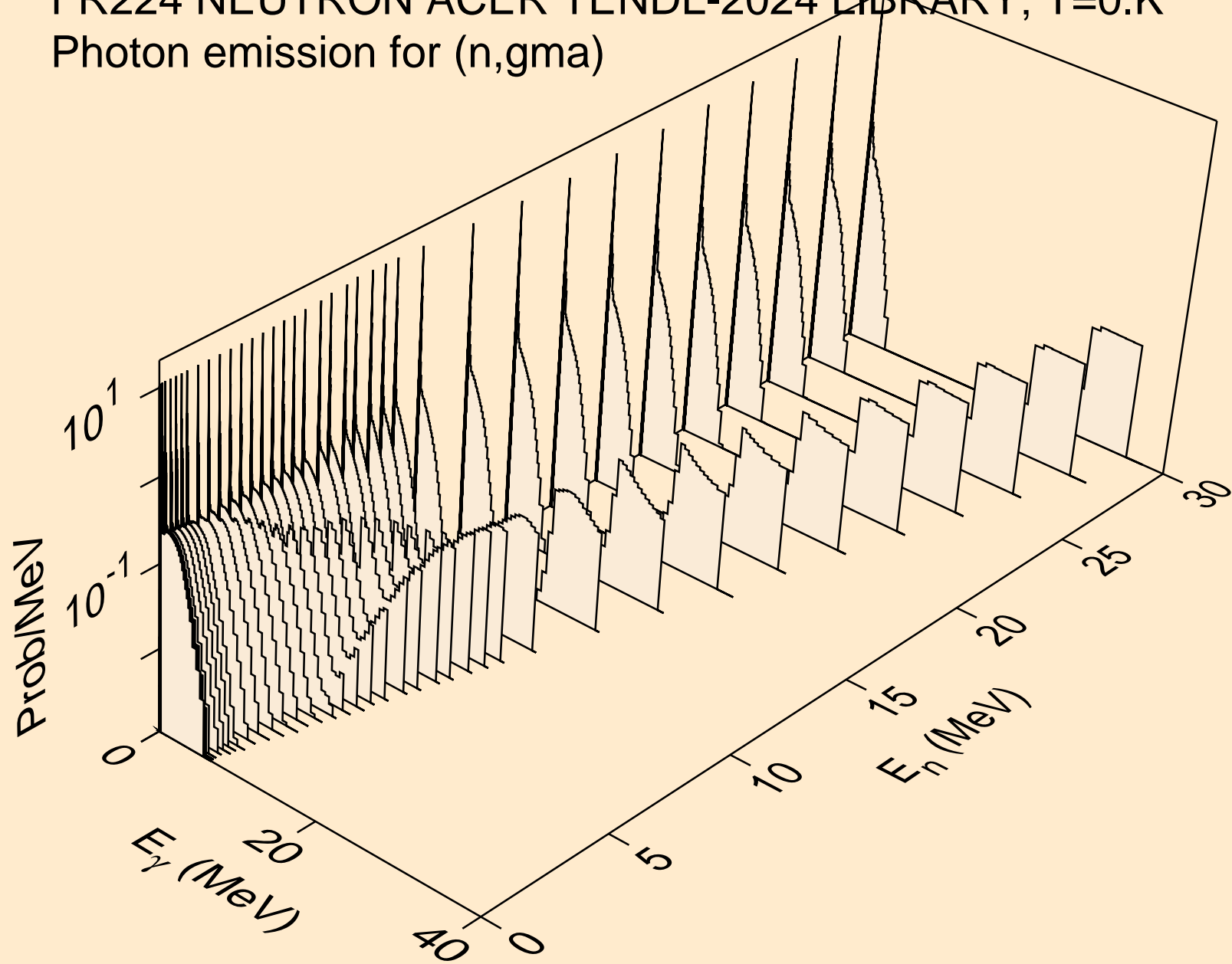
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Photon emission for (n,npa)



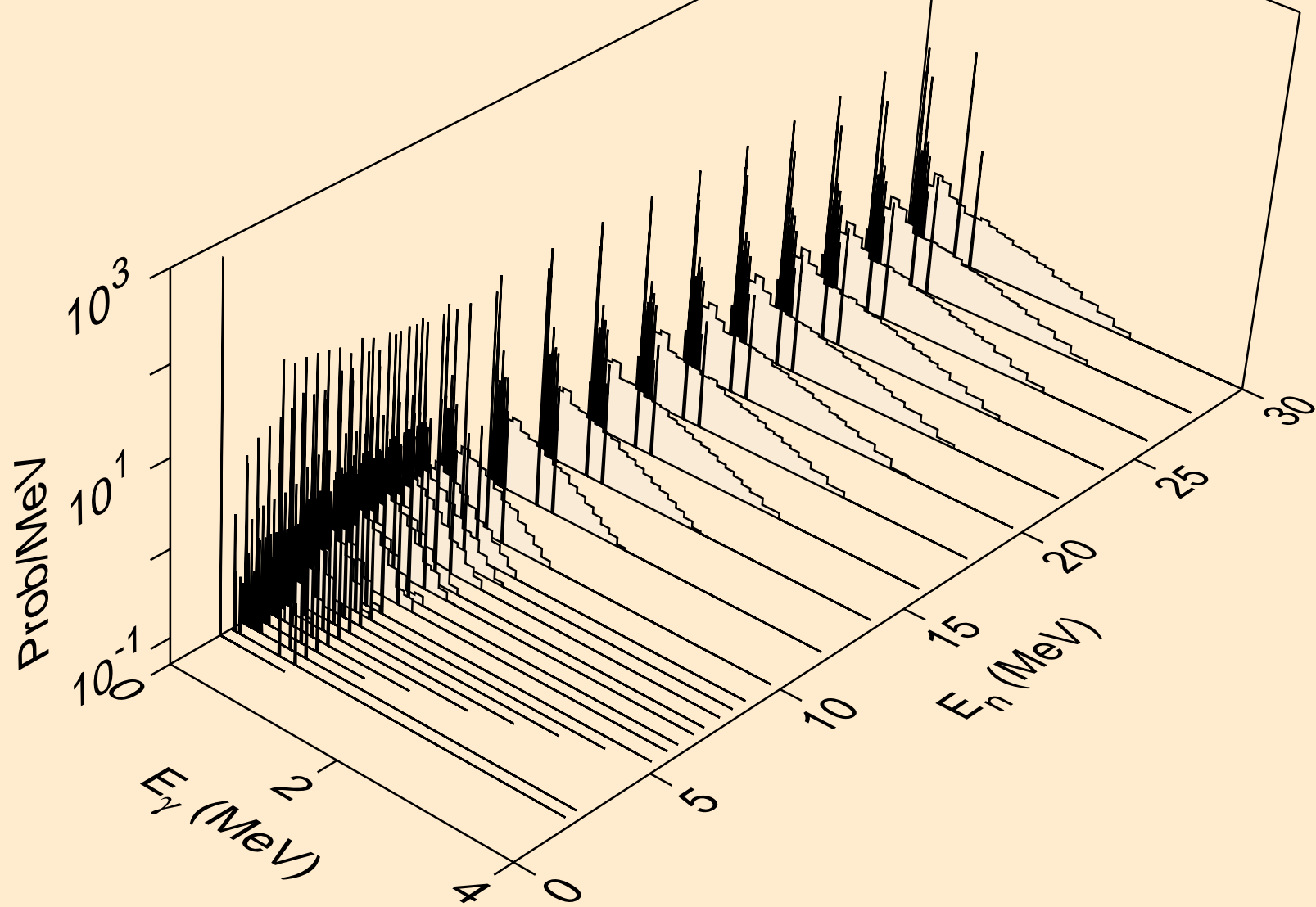
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

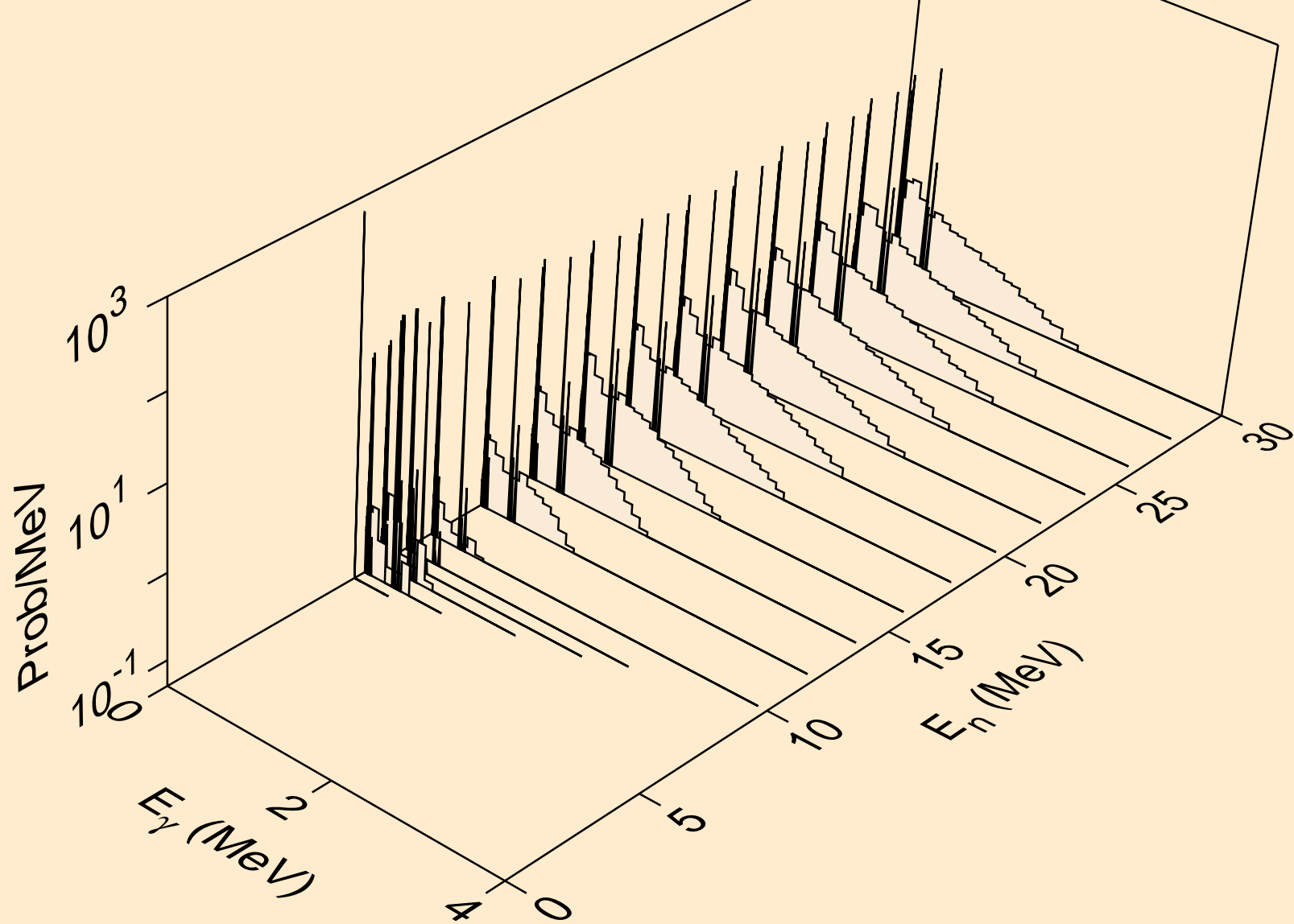


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Photon emission for (n,p)

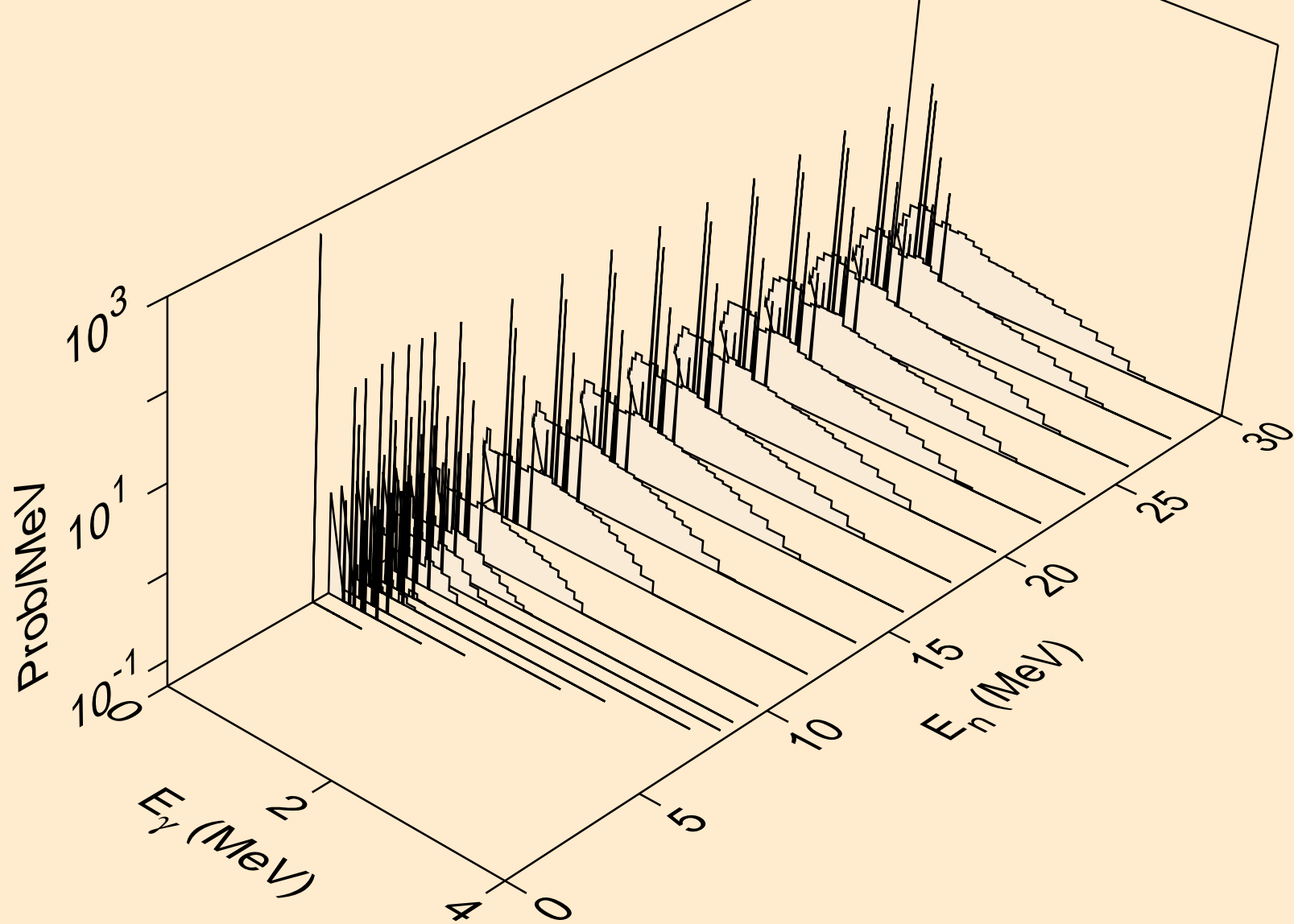




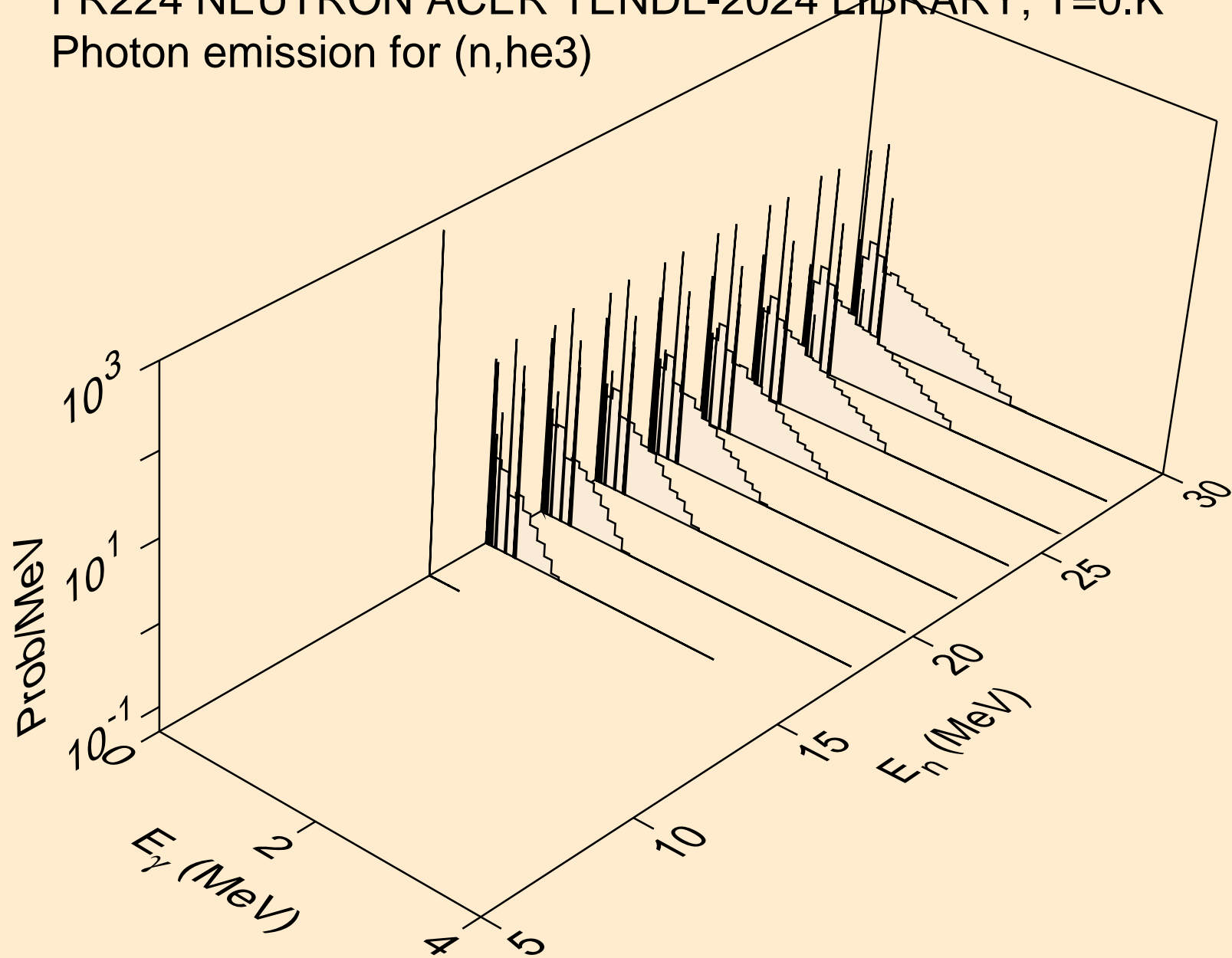
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Photon emission for (n,d)



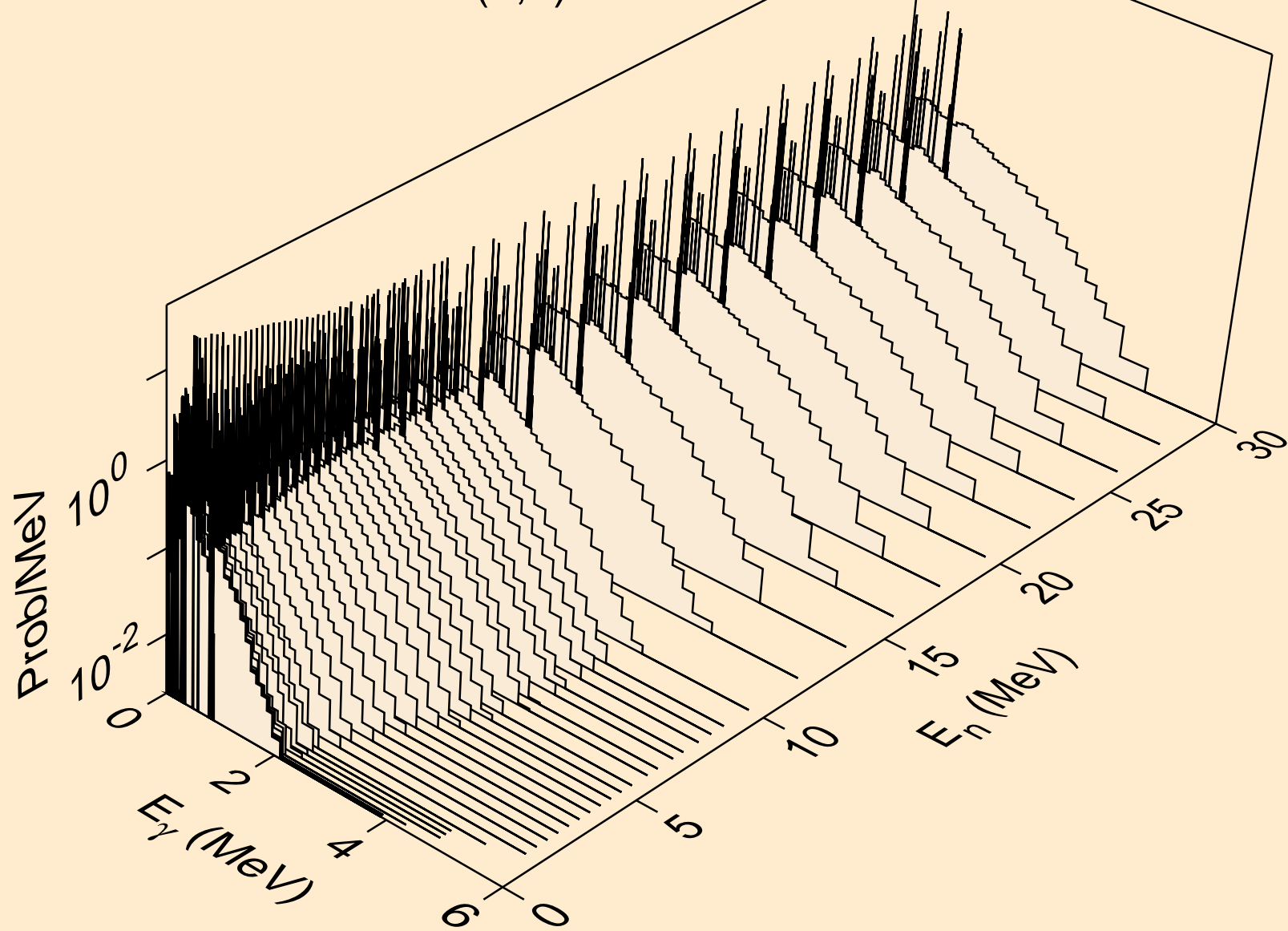
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Photon emission for (n,t)



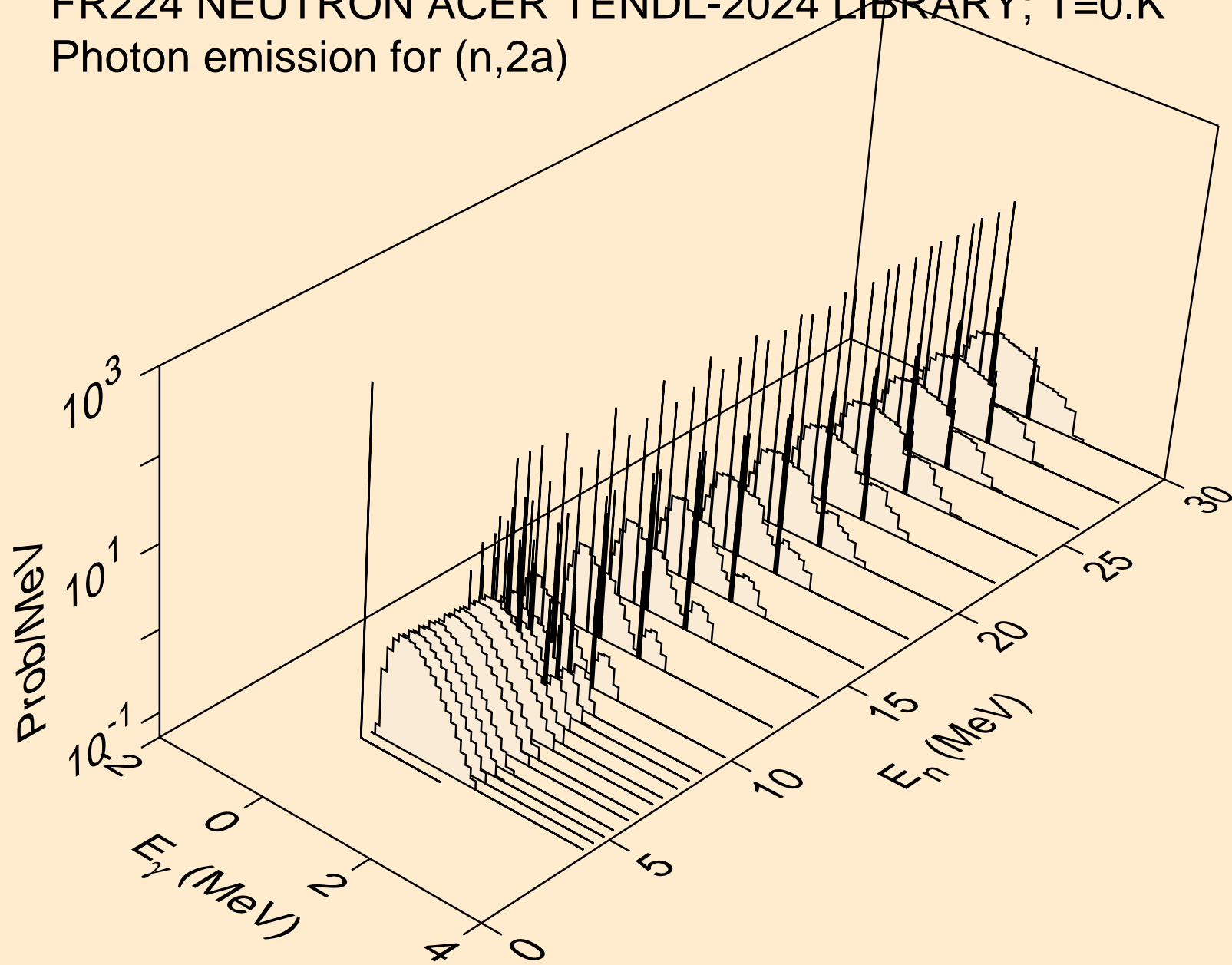
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Photon emission for (n,he3)



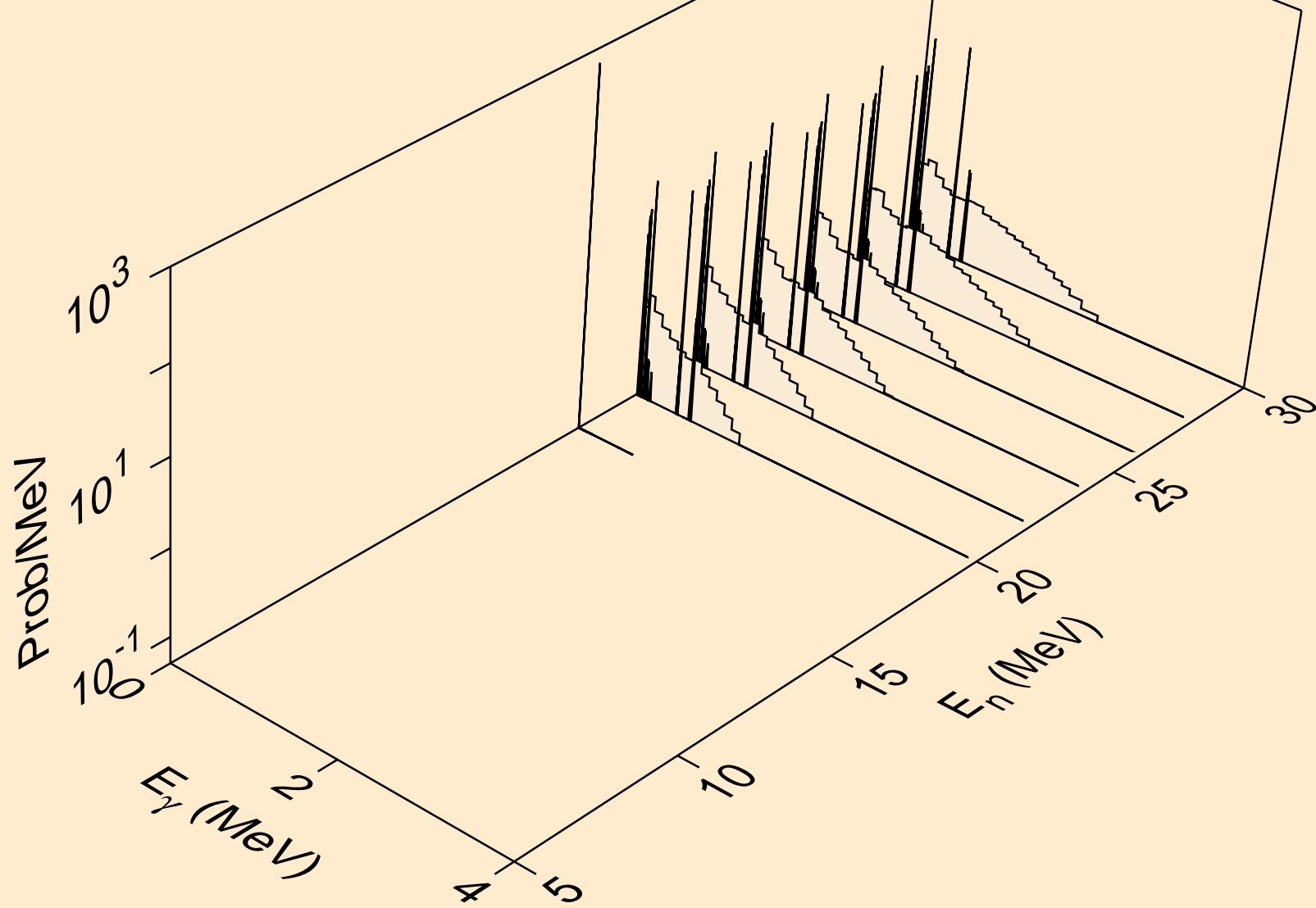
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Photon emission for (n,a)



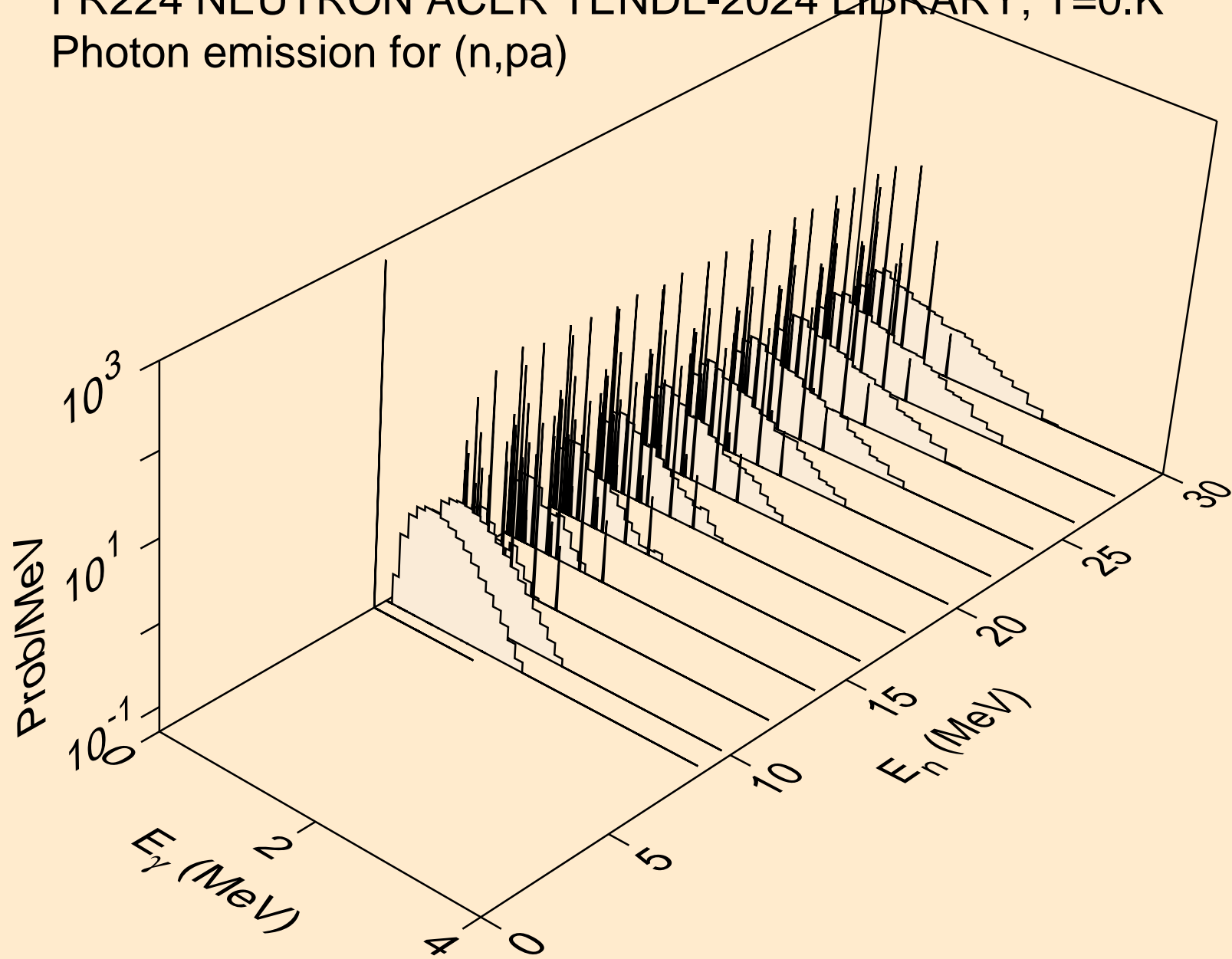
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Photon emission for (n,2a)



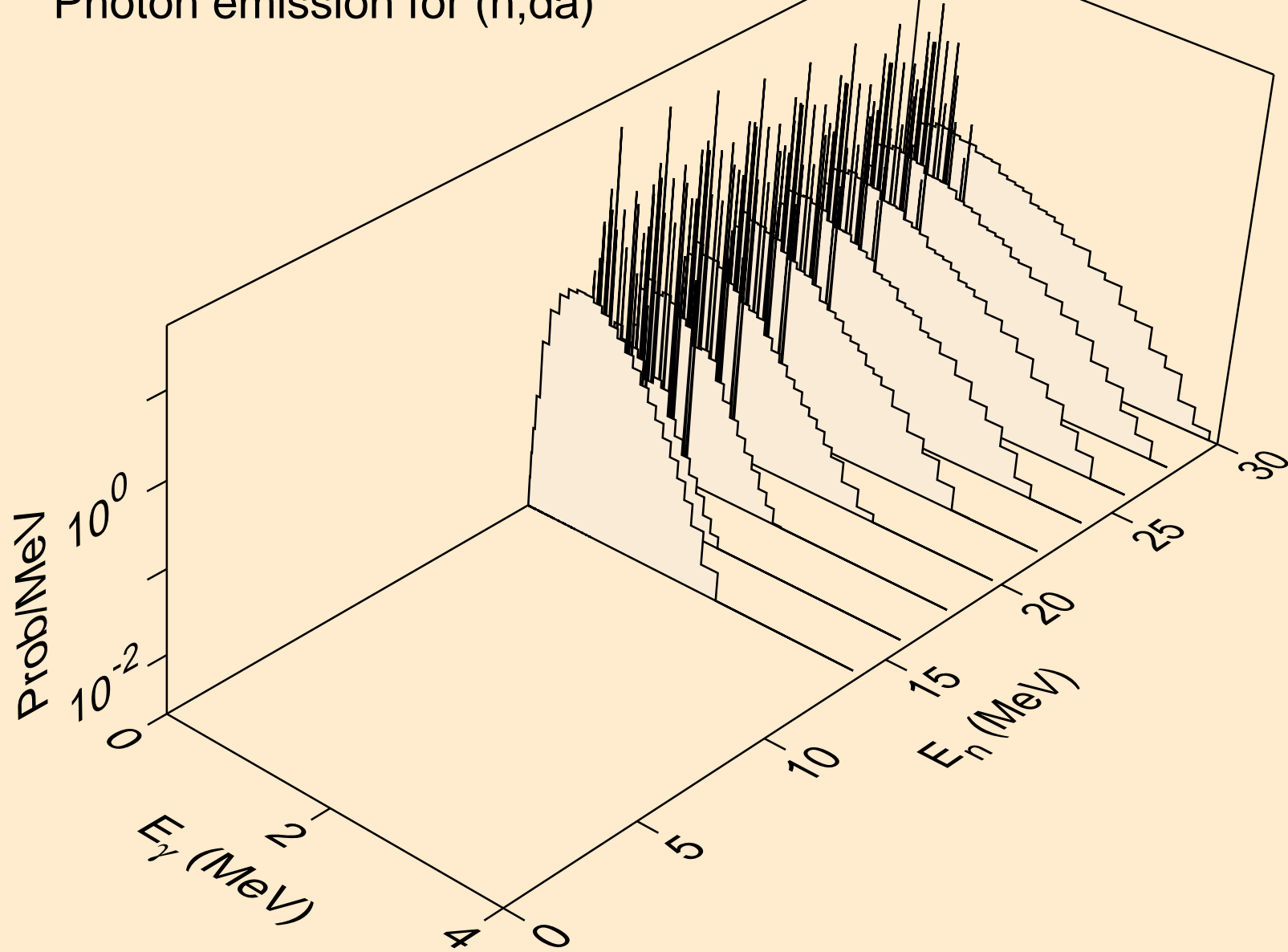
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

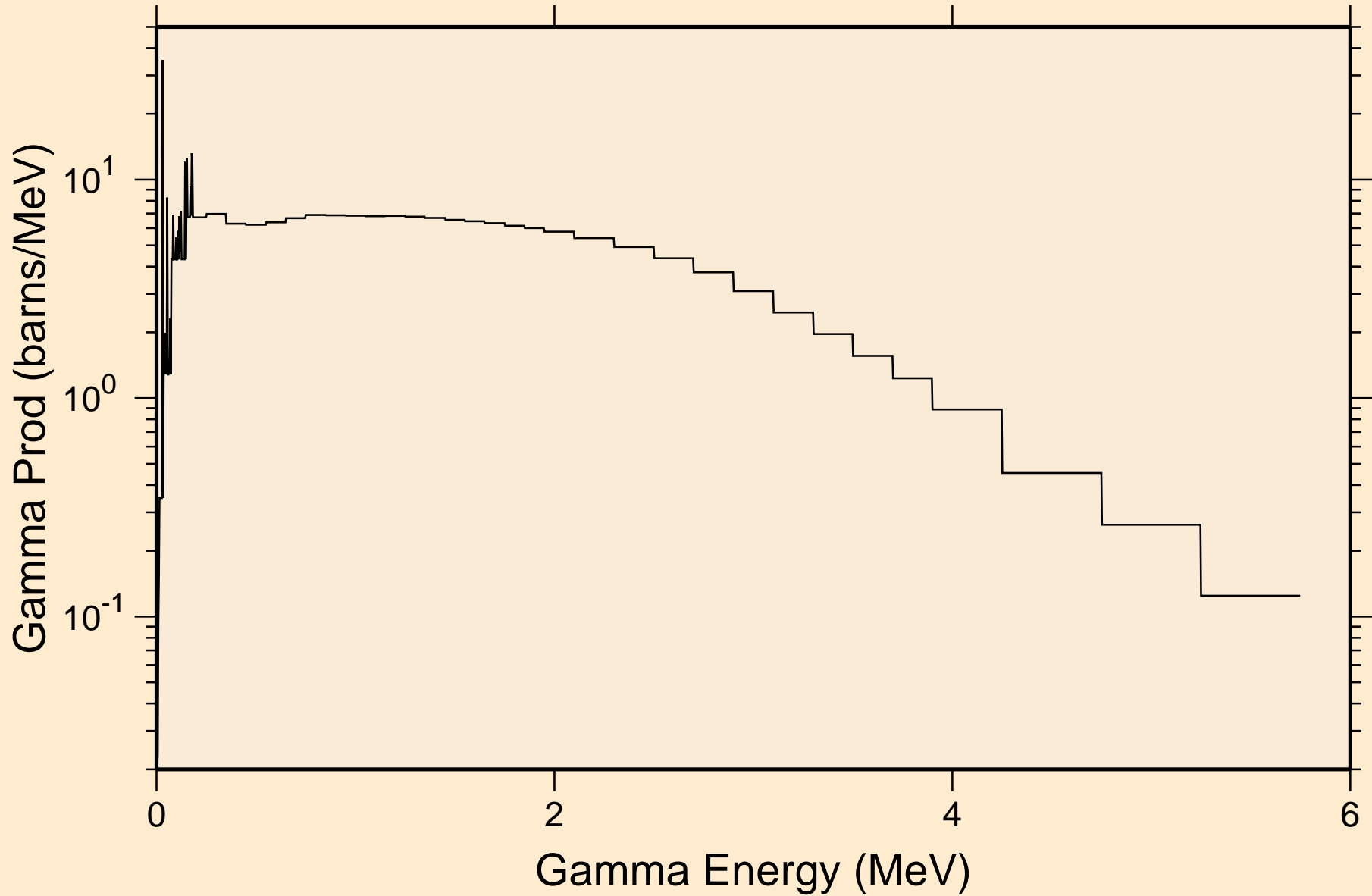


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Photon emission for (n,da)

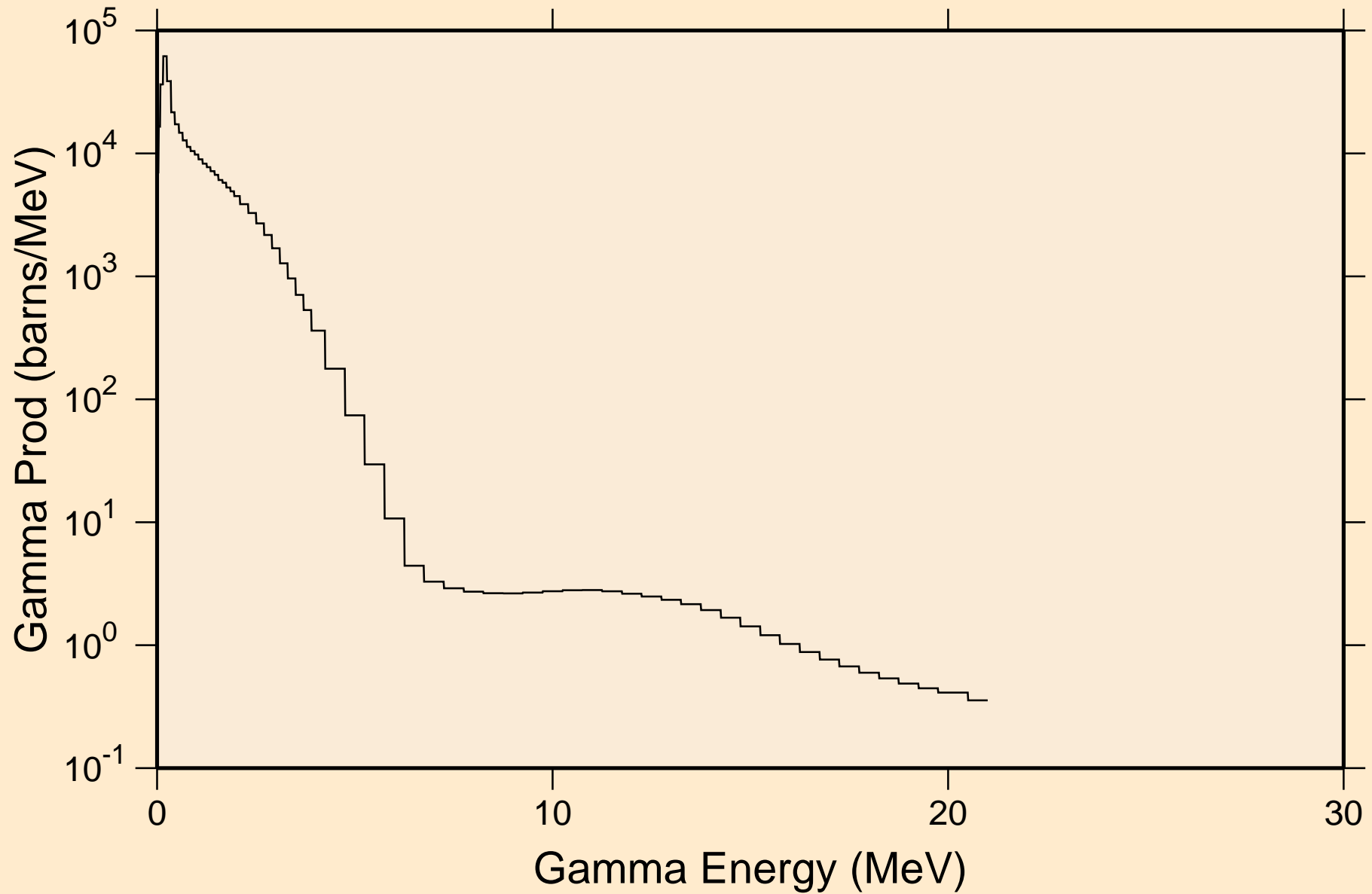




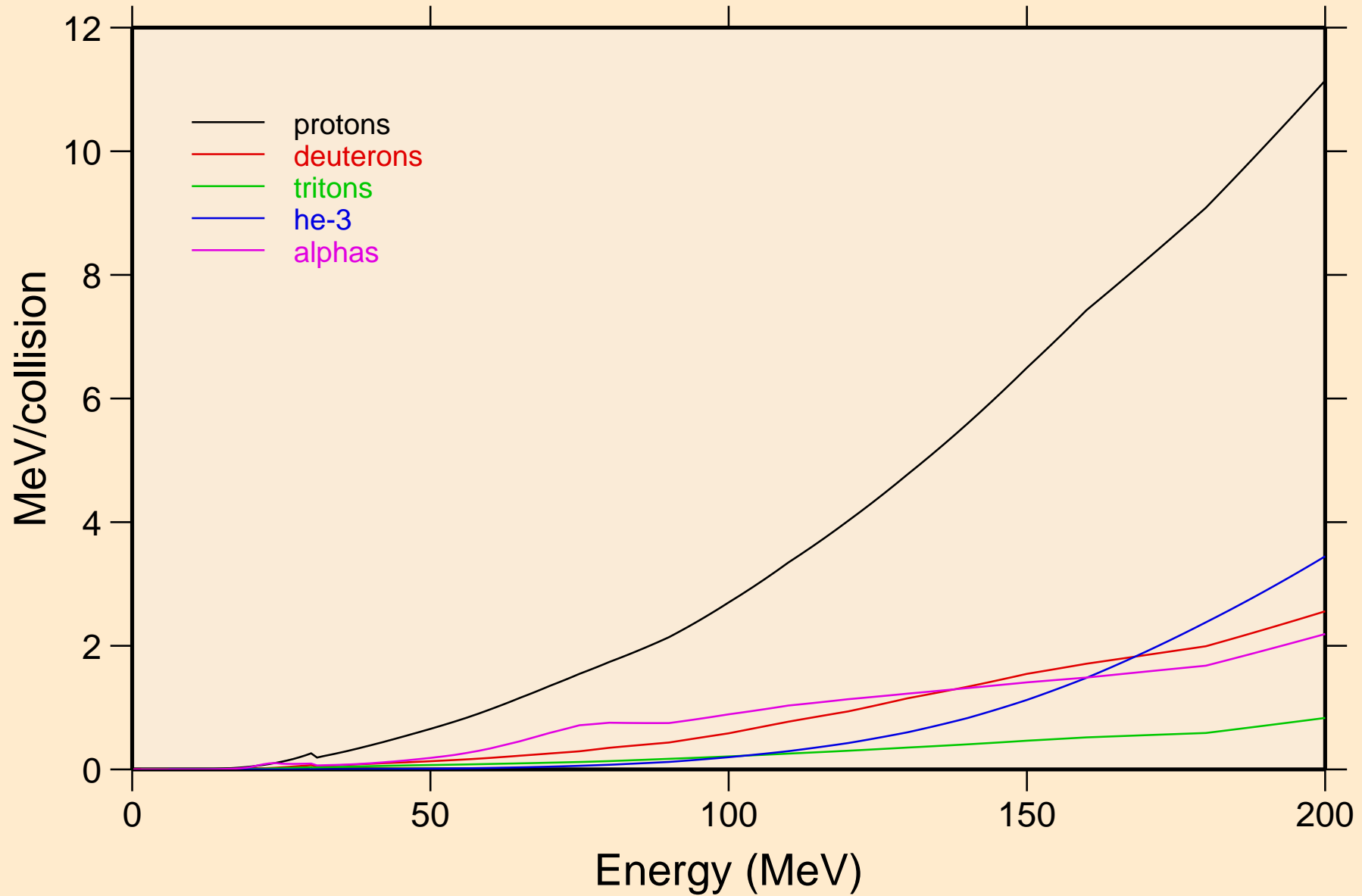
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



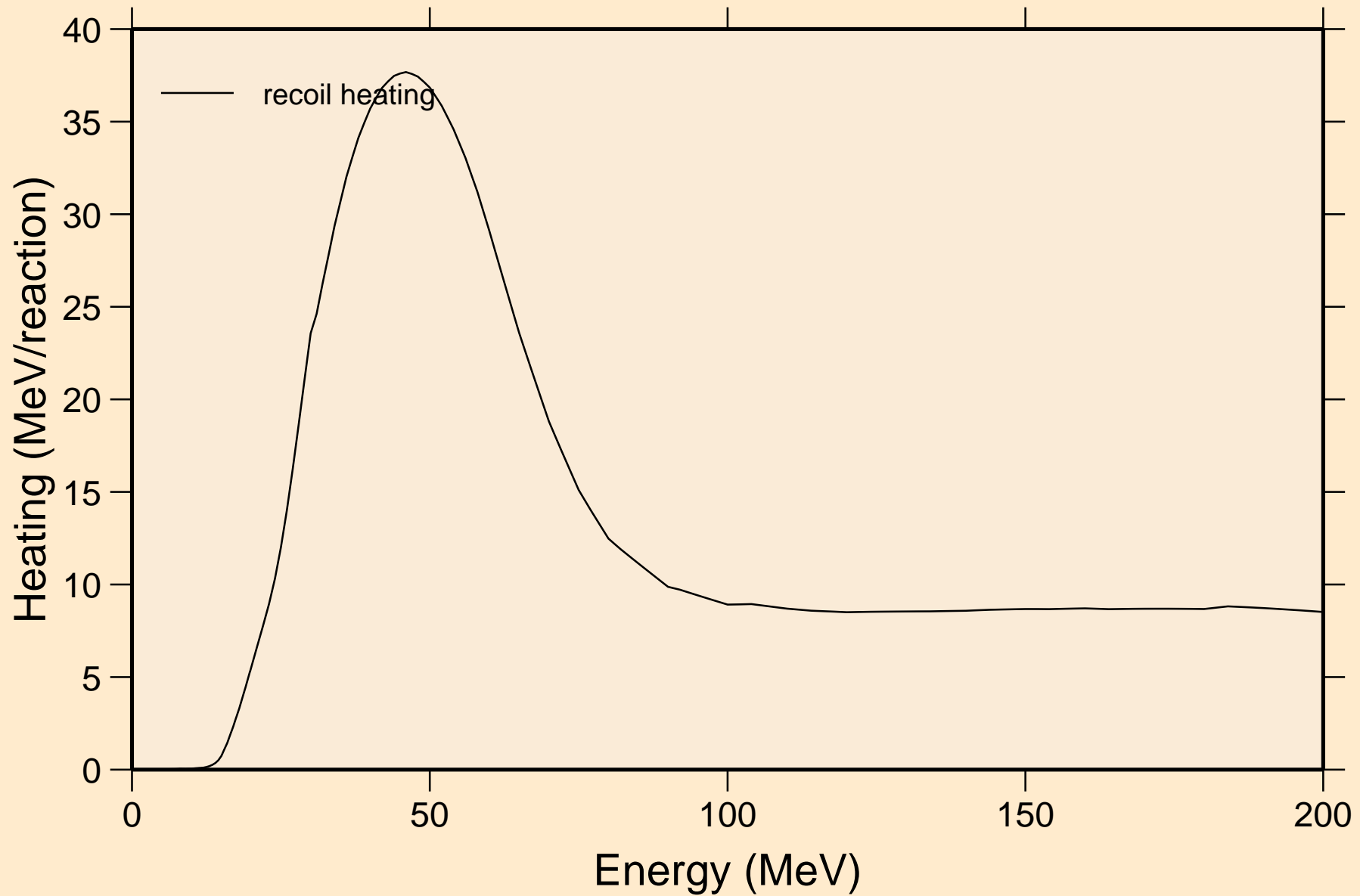
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14 MeV photon spectrum



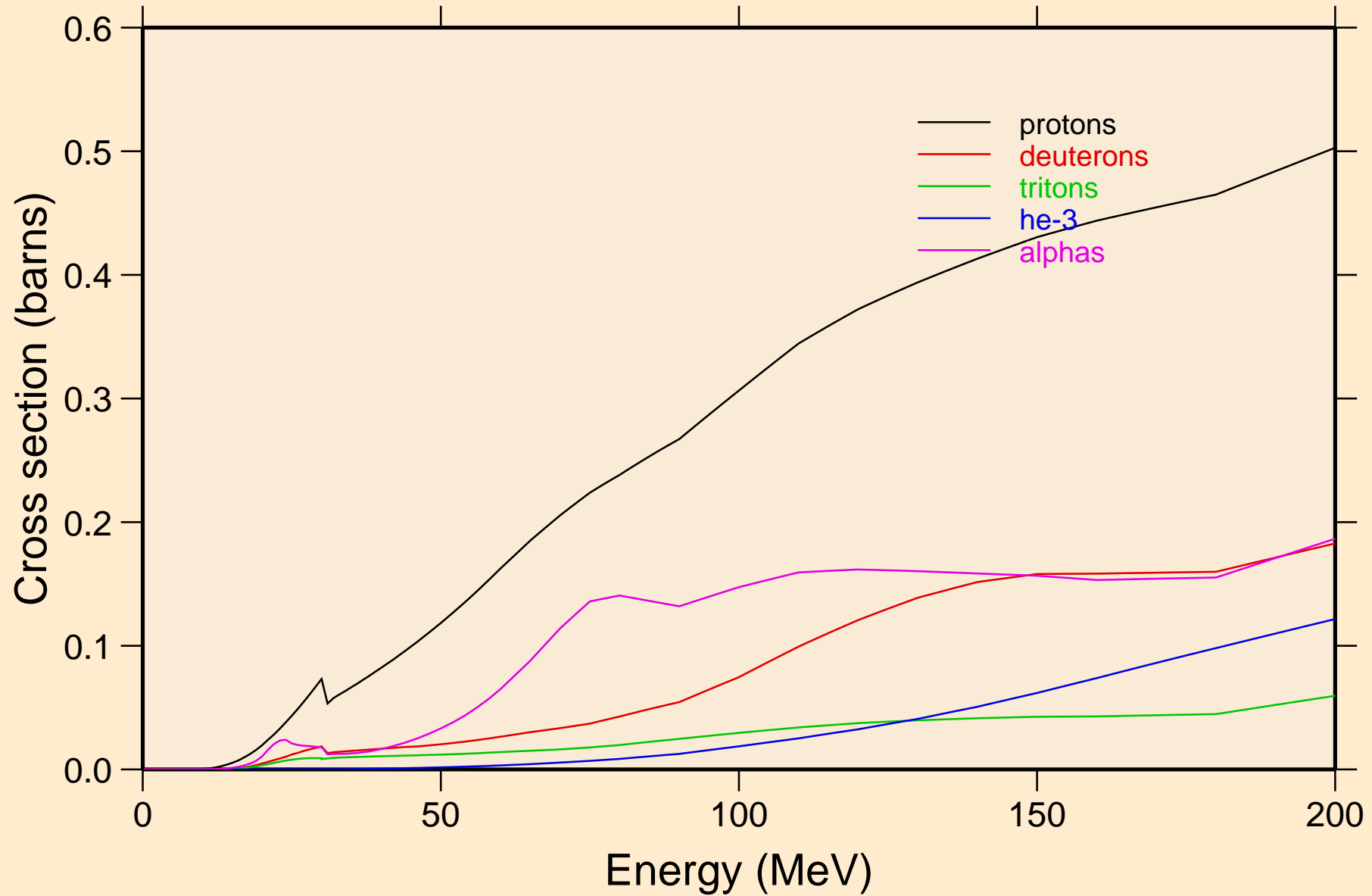
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



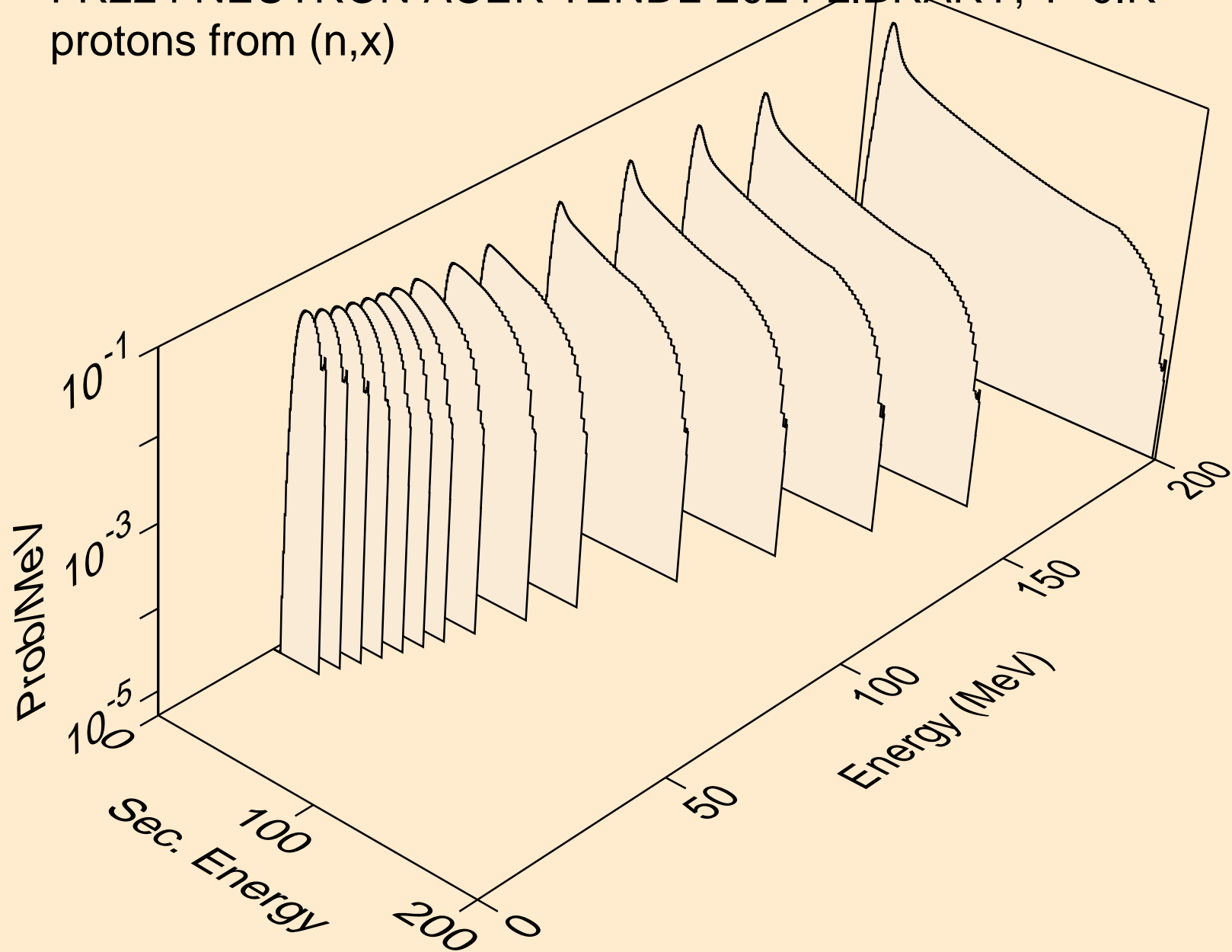
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Recoil Heating



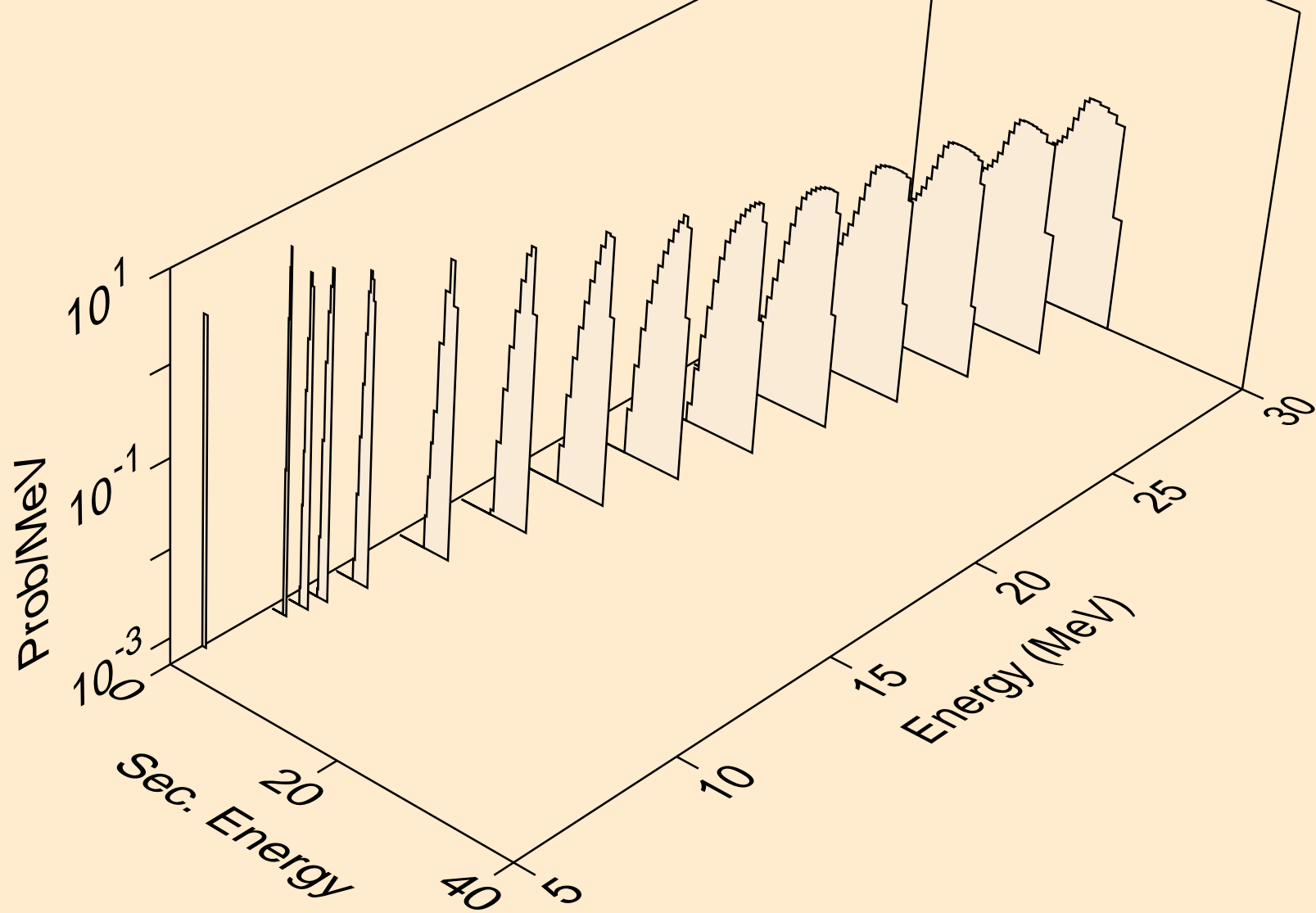
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



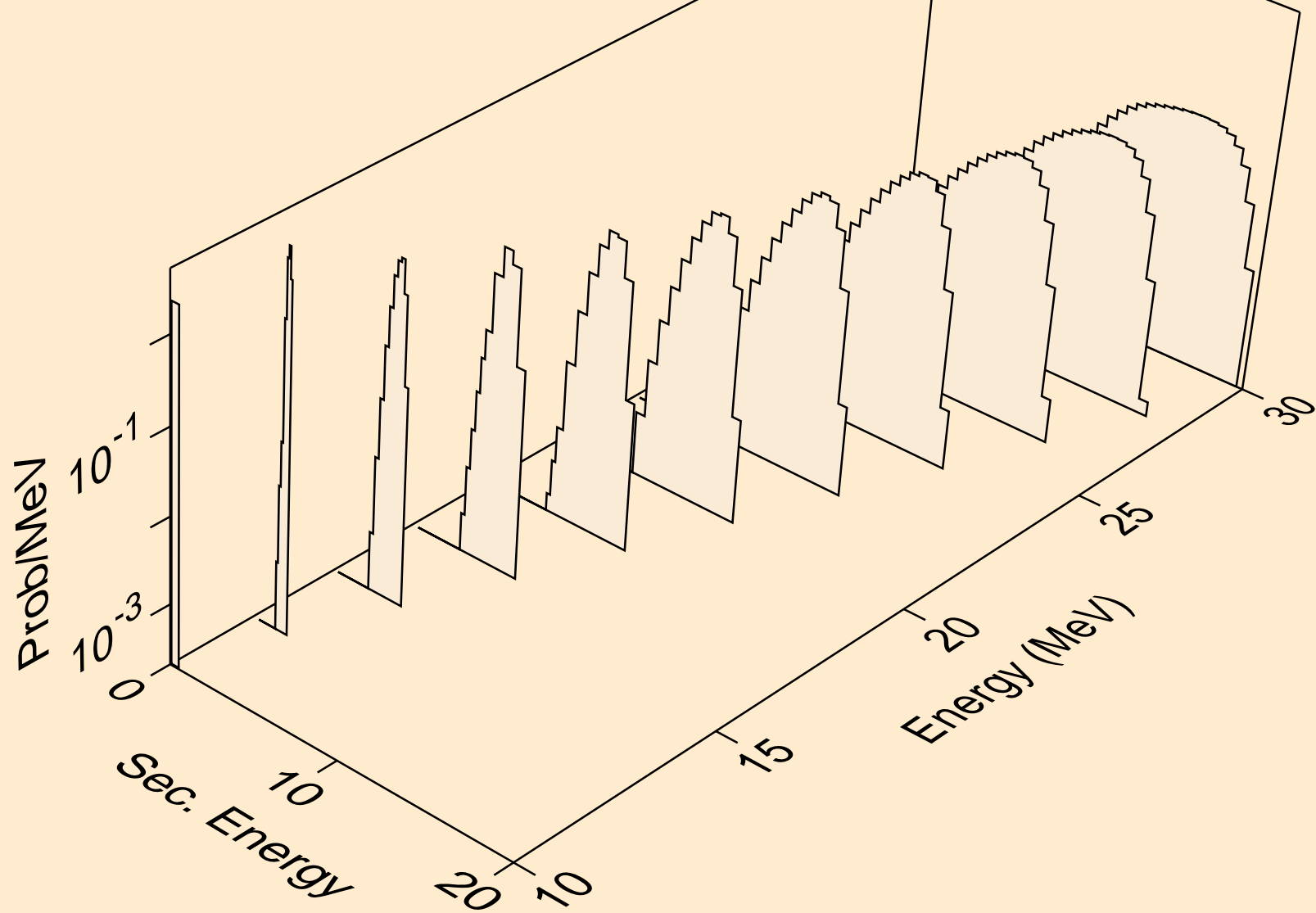
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

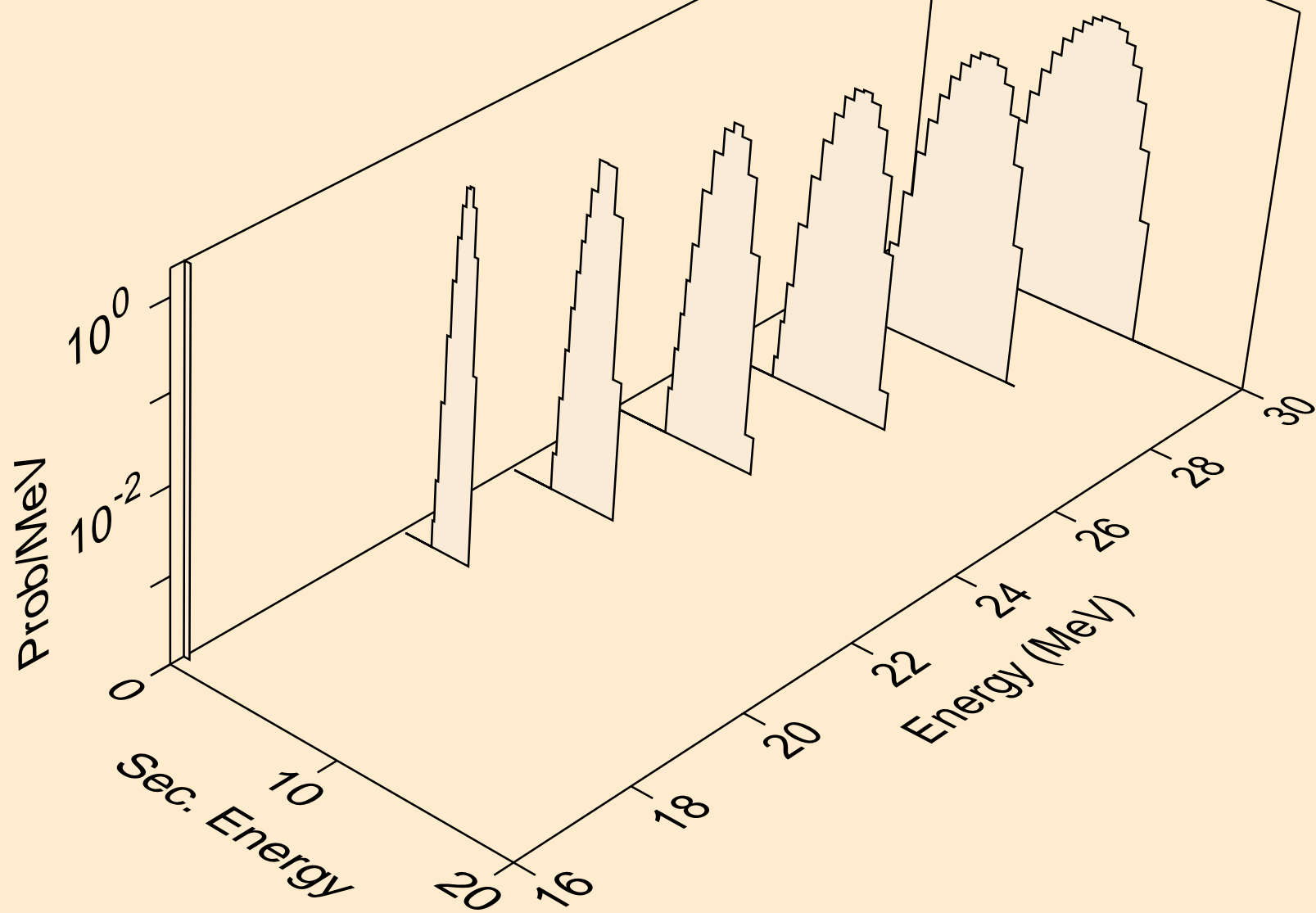


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protons from (n,2np)

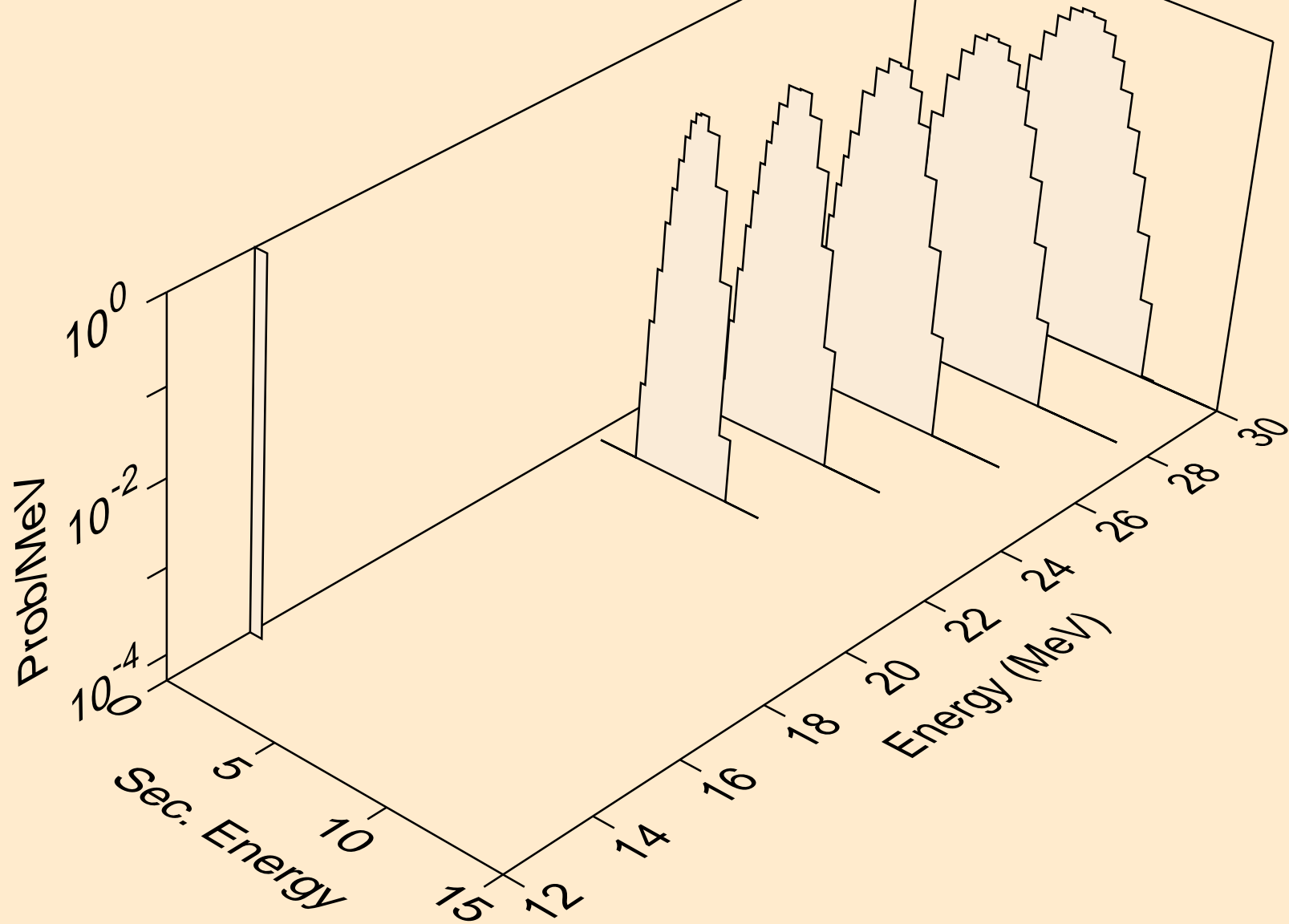




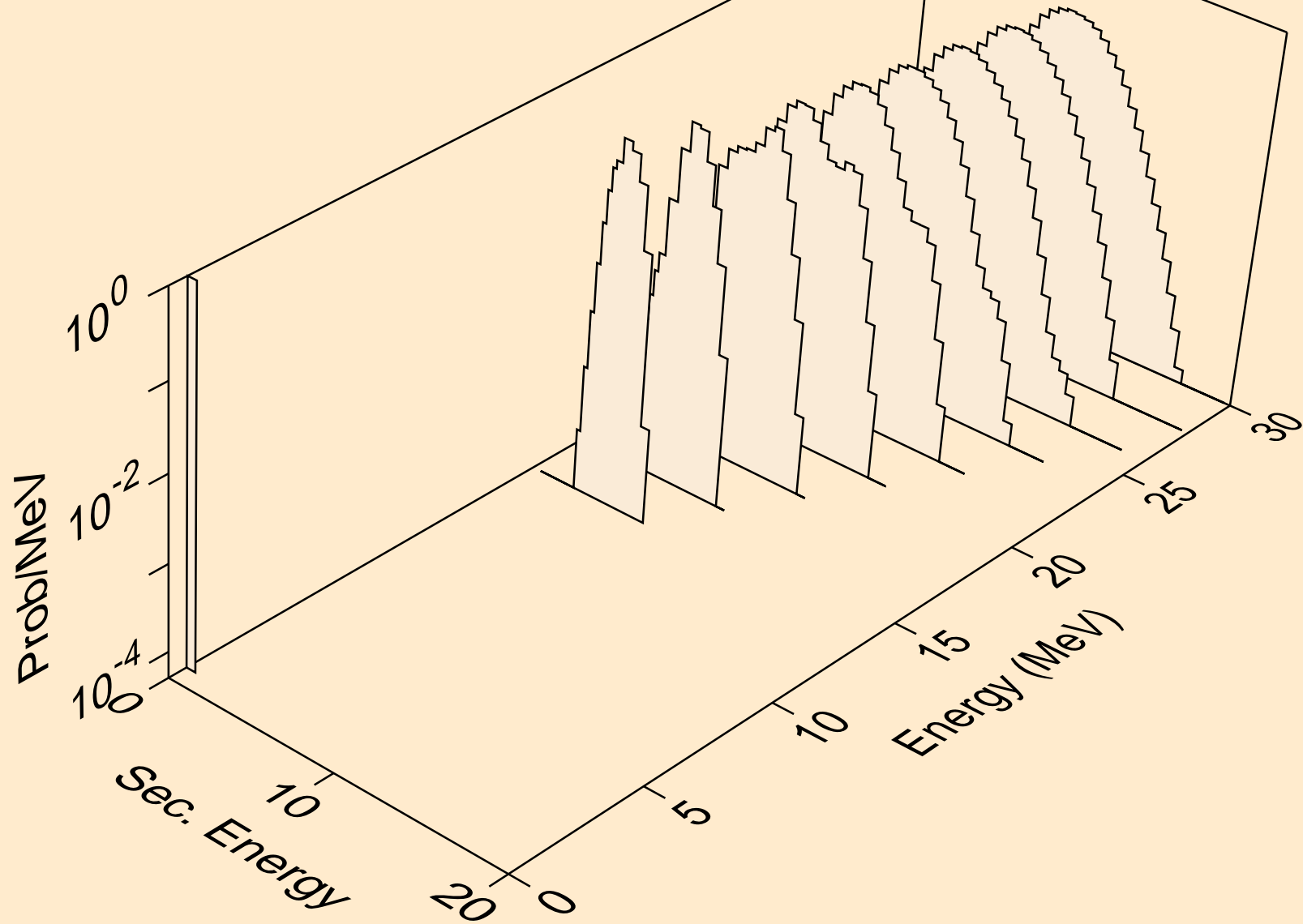
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protons from (n,3np)



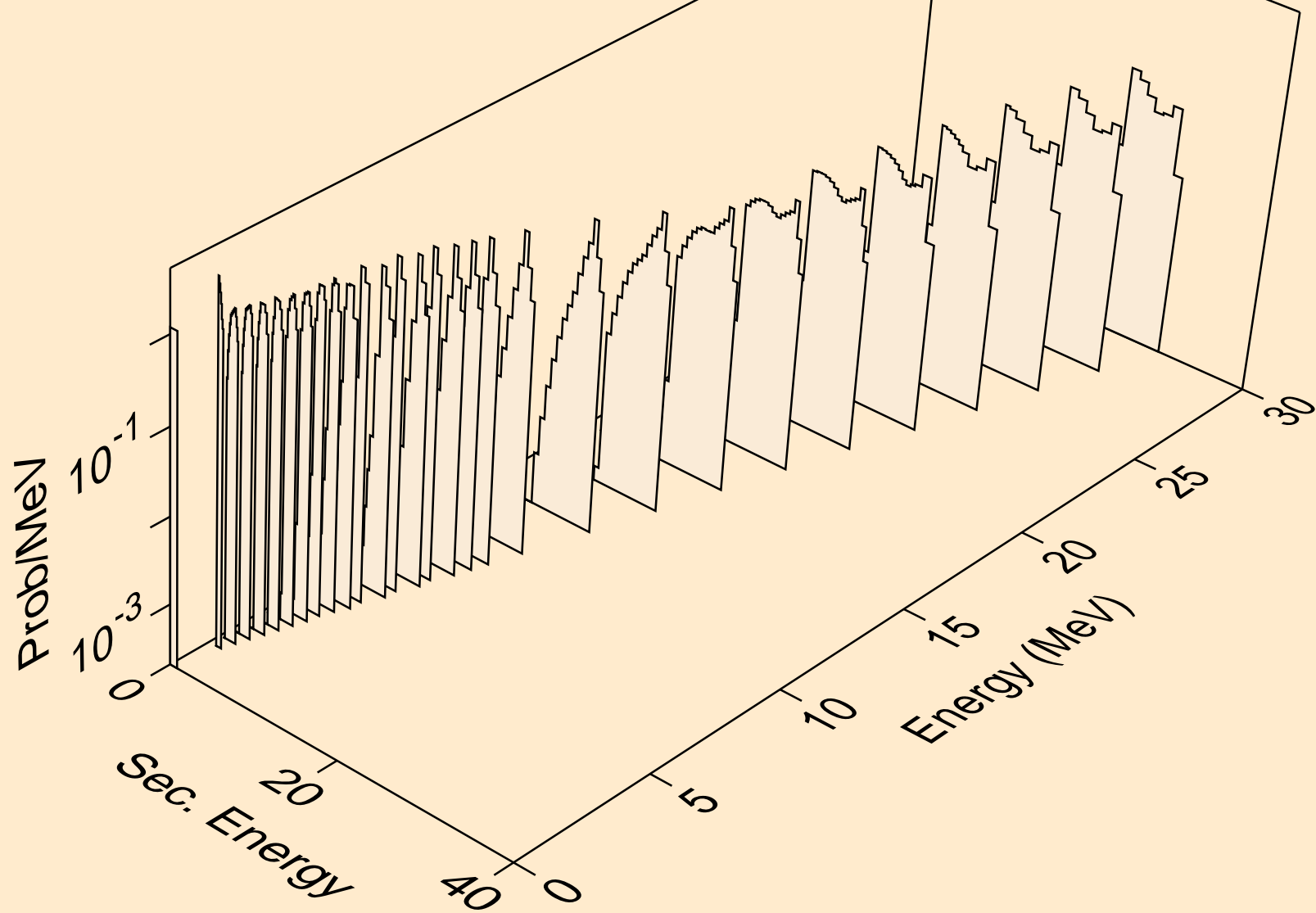
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protons from (n,n2p)



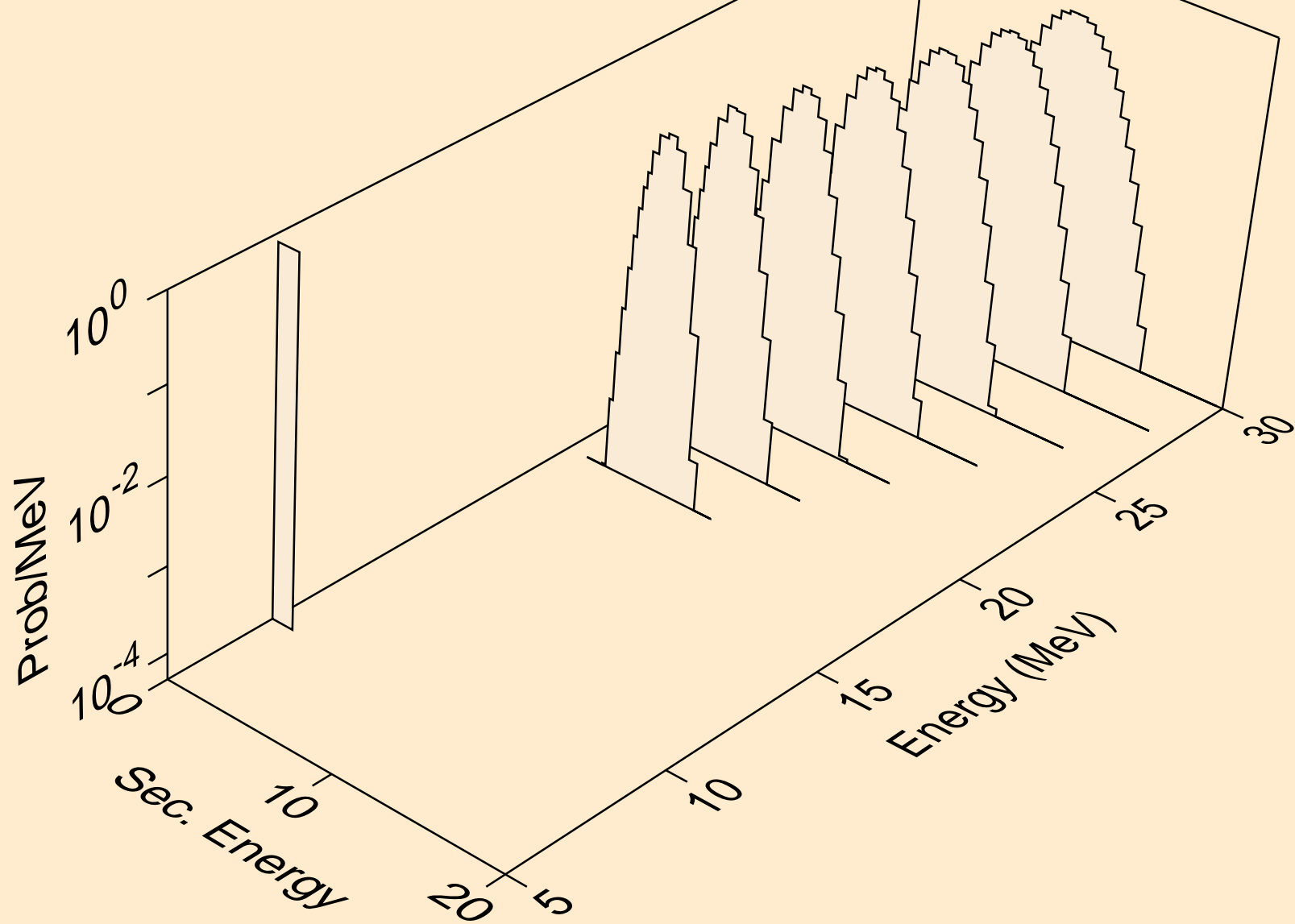
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protons from (n,npa)



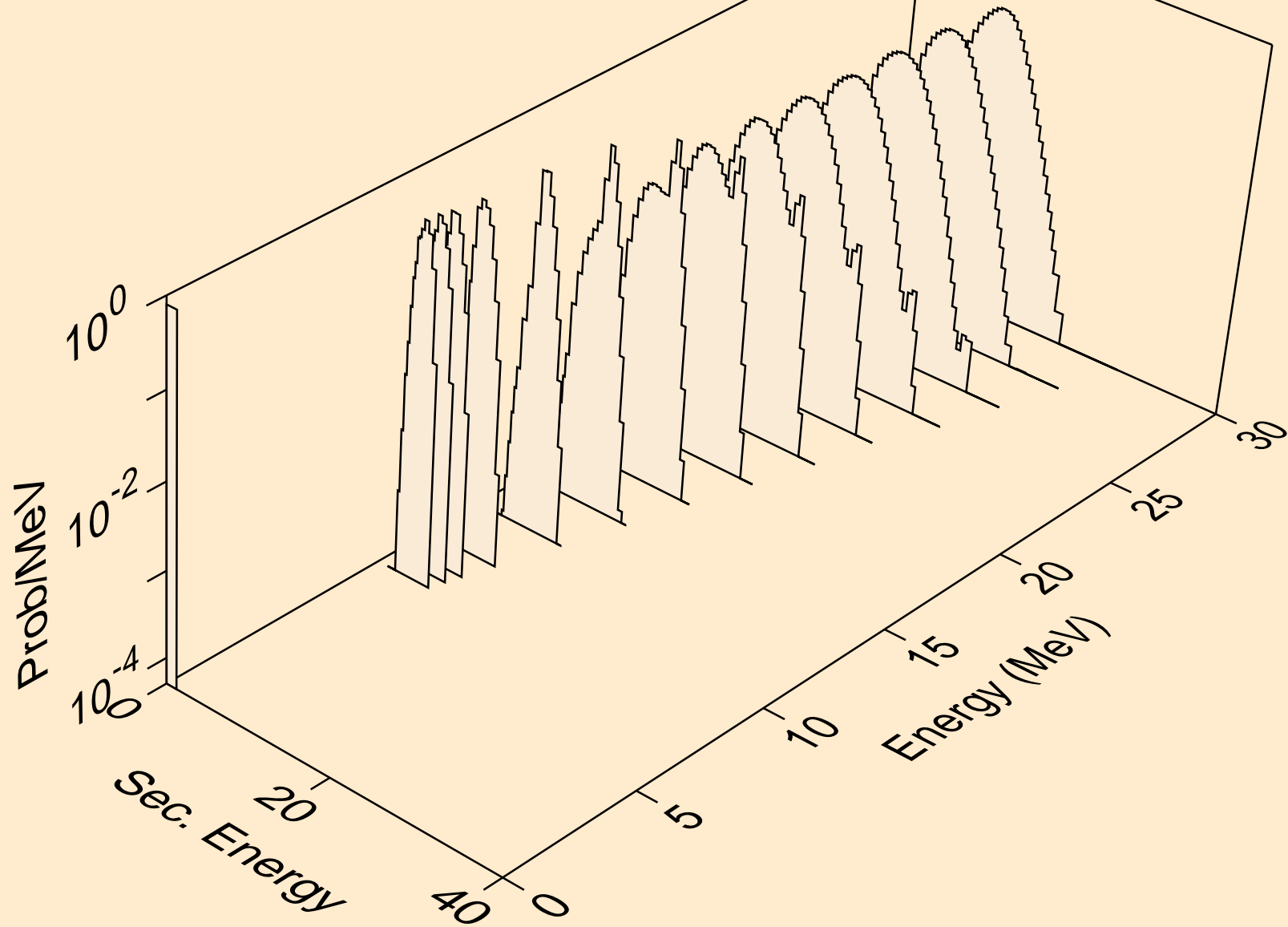
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protons from (n,p)



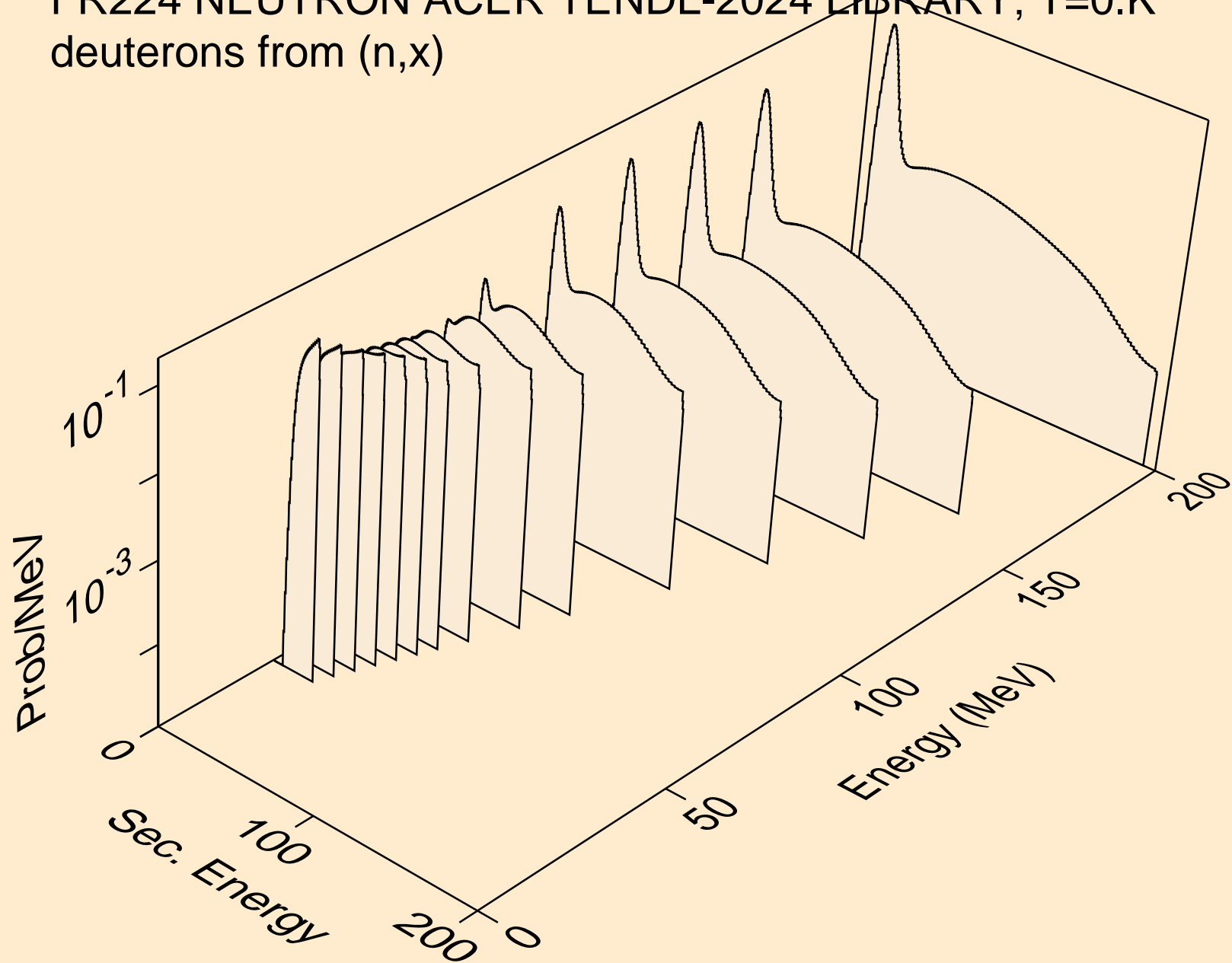
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protons from (n,2p)



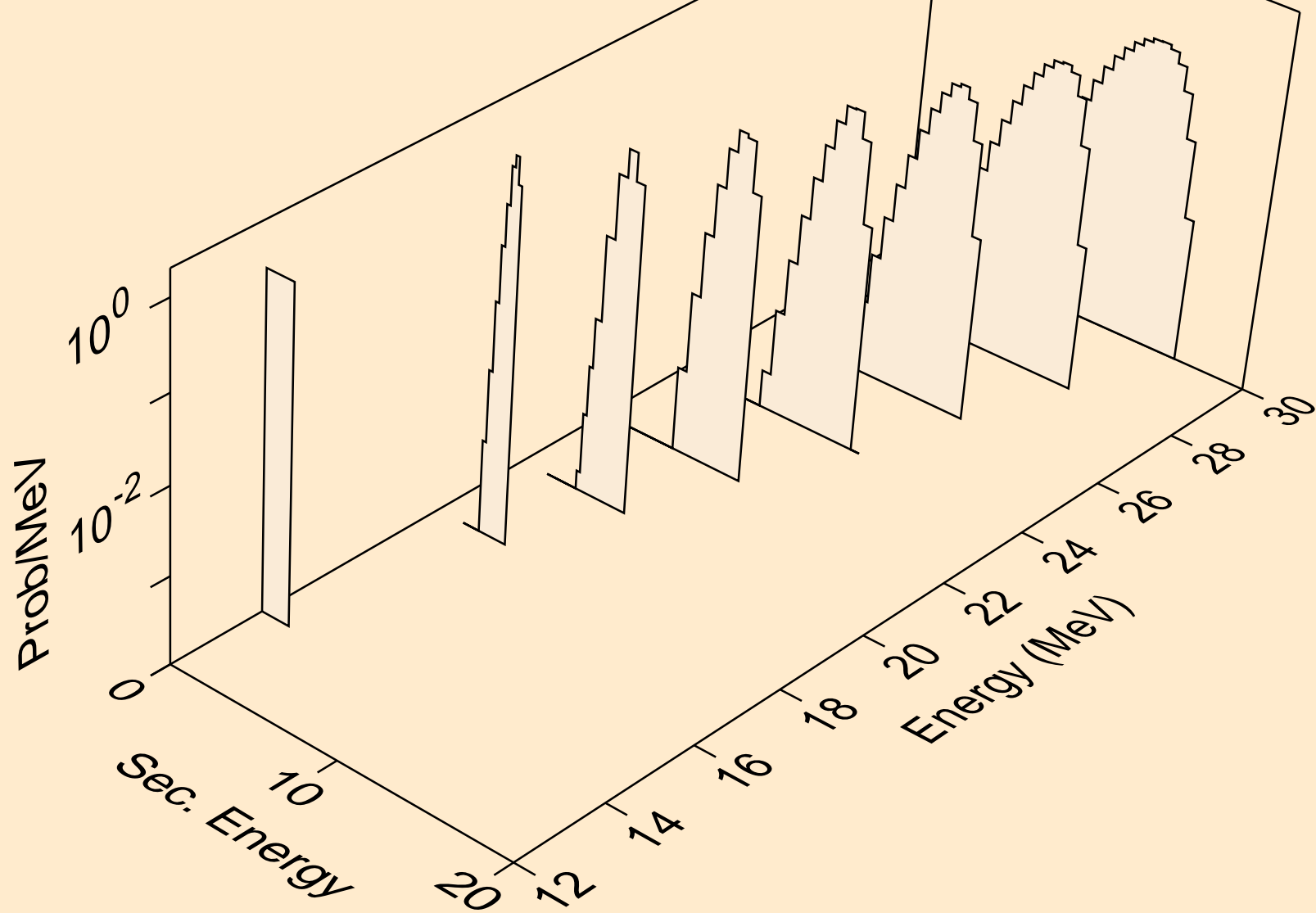
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protons from (n,p)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)

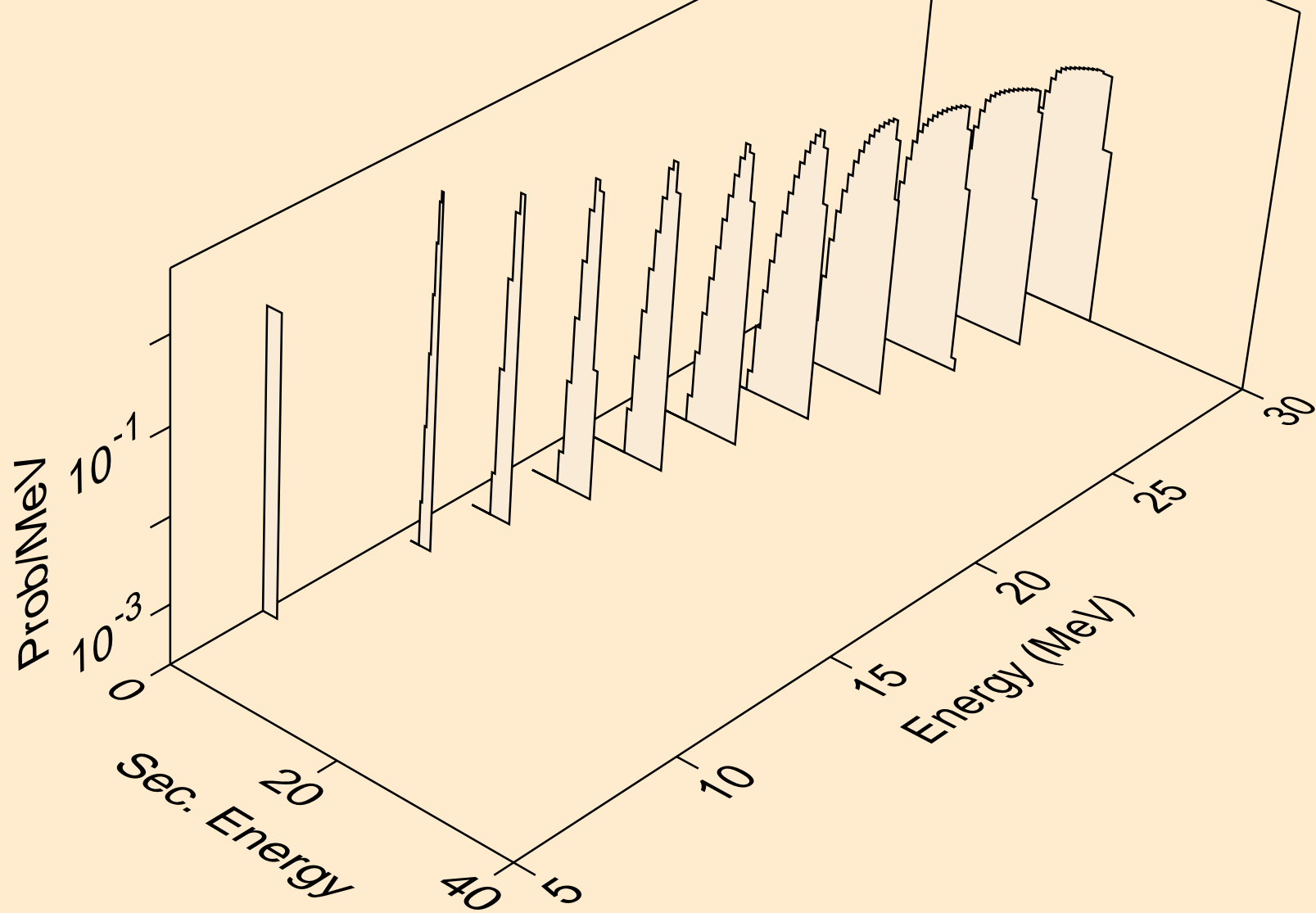


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,2nd)

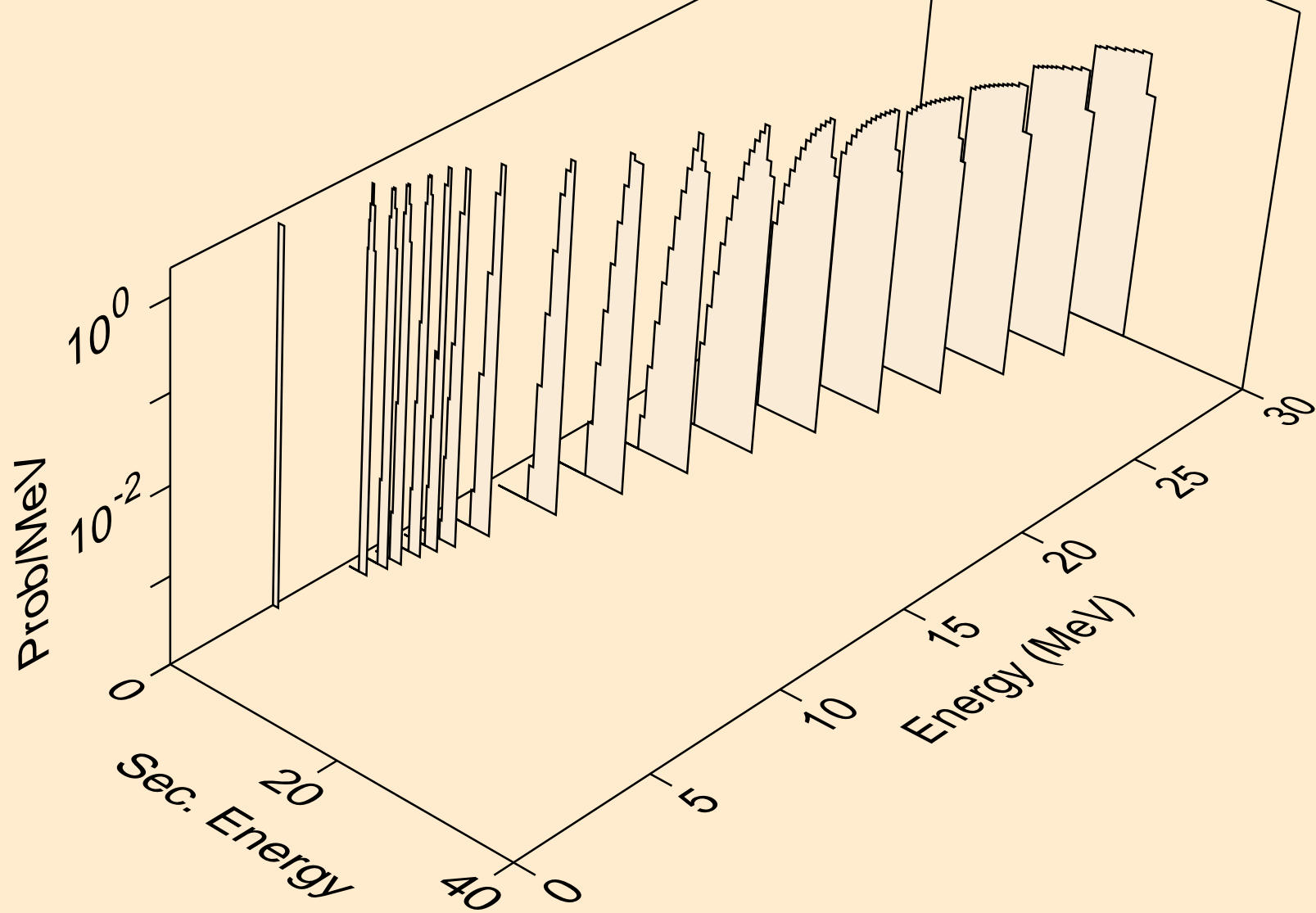




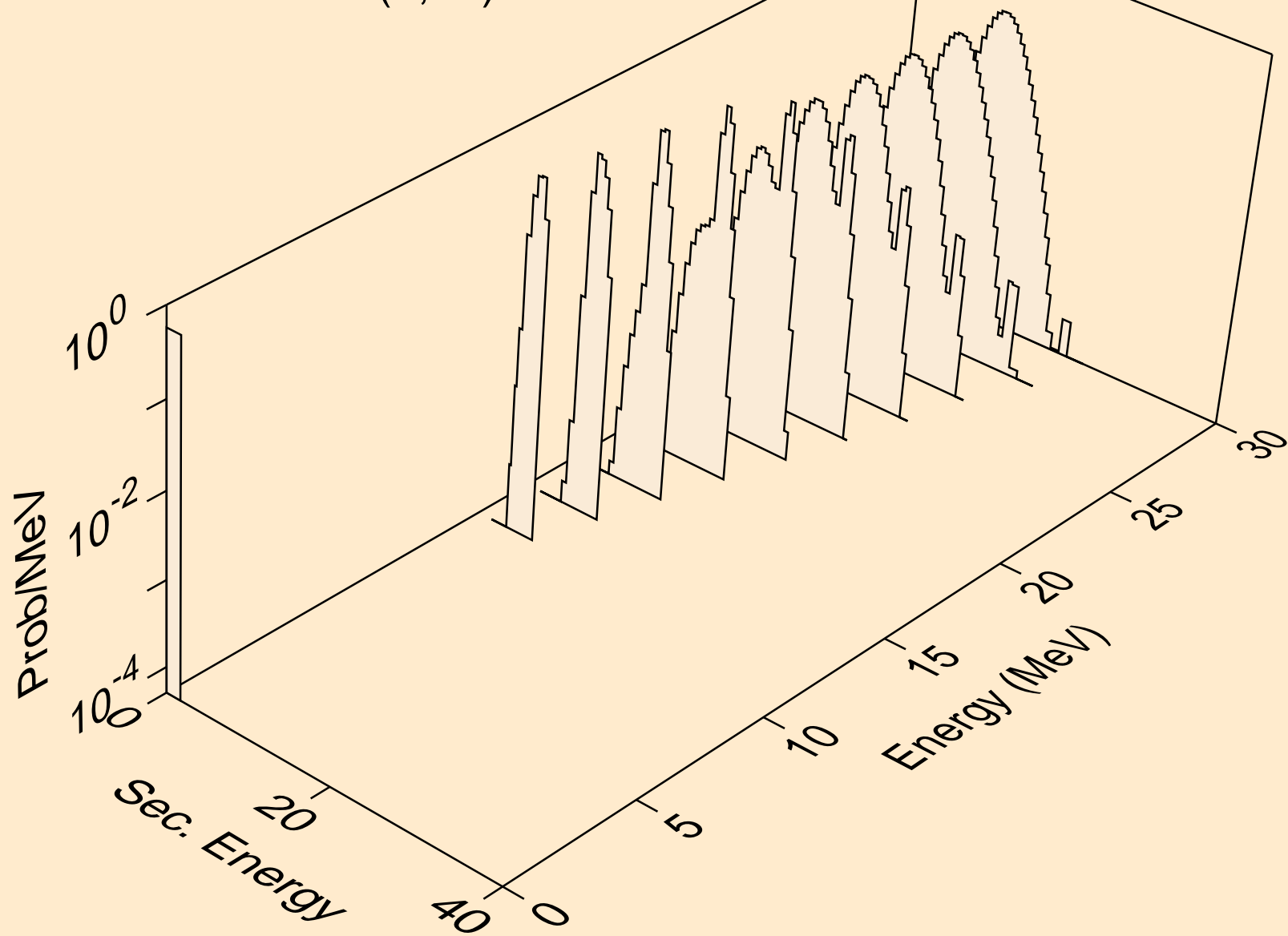
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



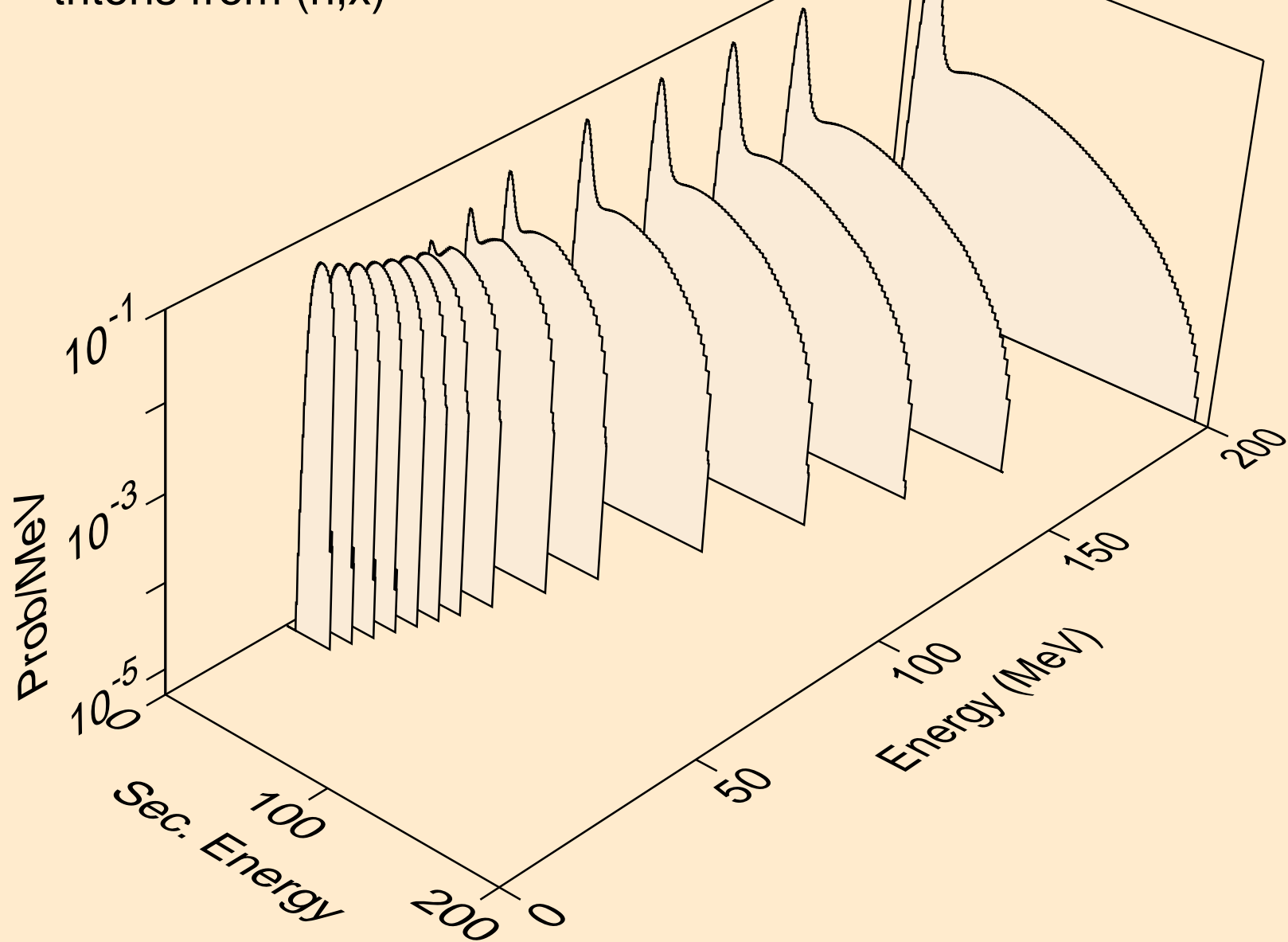
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deuterons from (n,d)



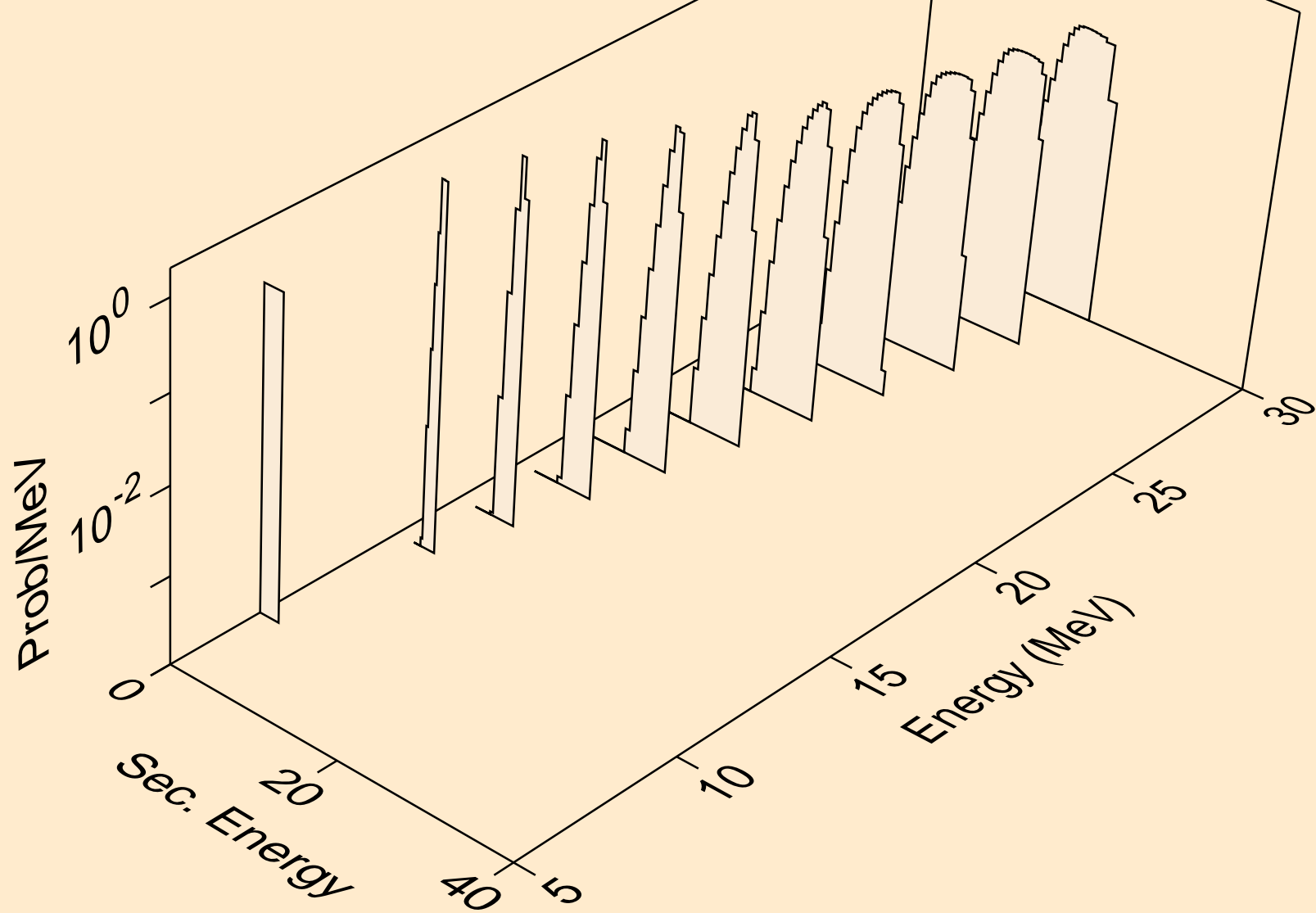
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deuterons from (n,da)



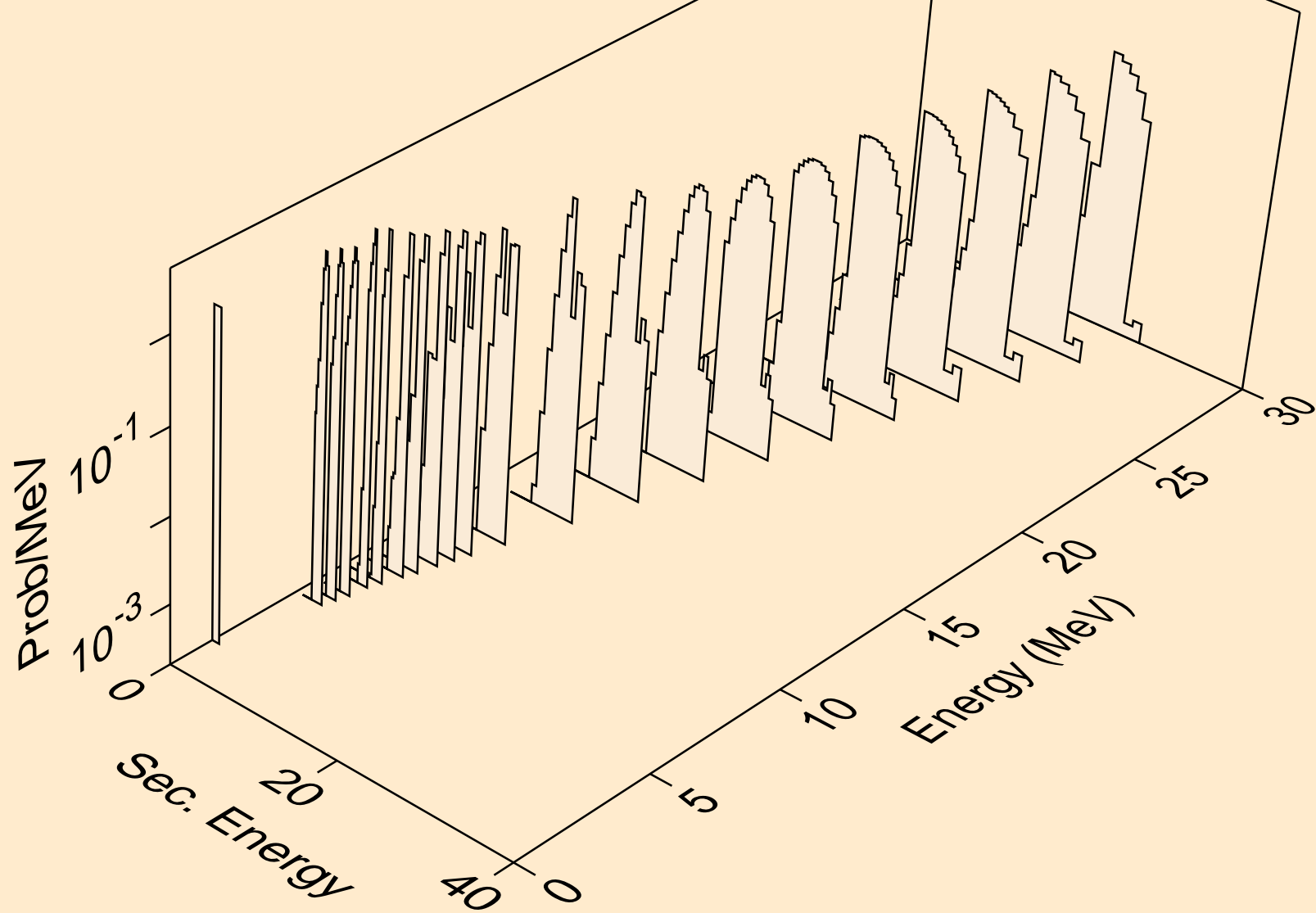
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tritons from (n,x)



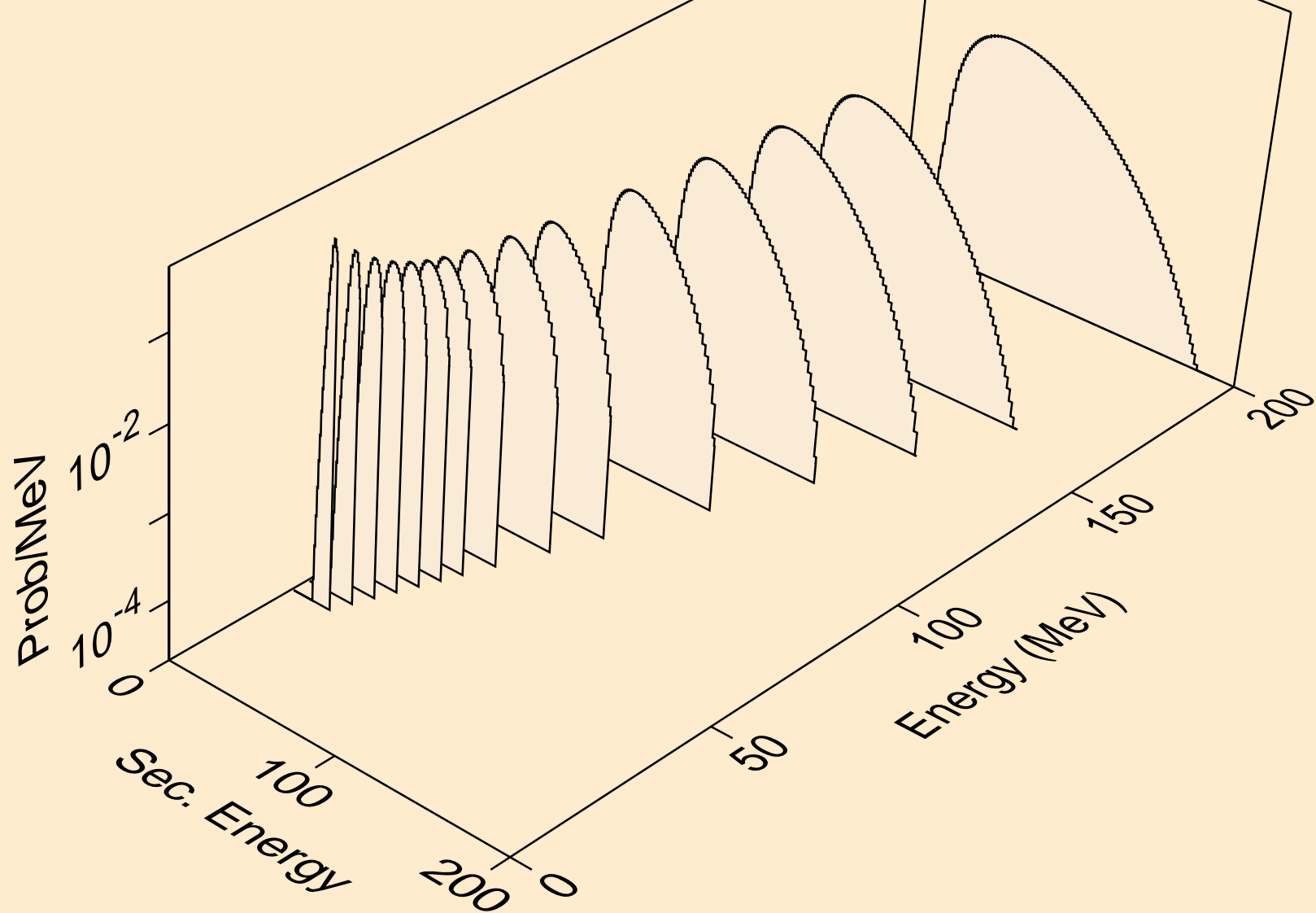
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tritons from (n,n\*)t



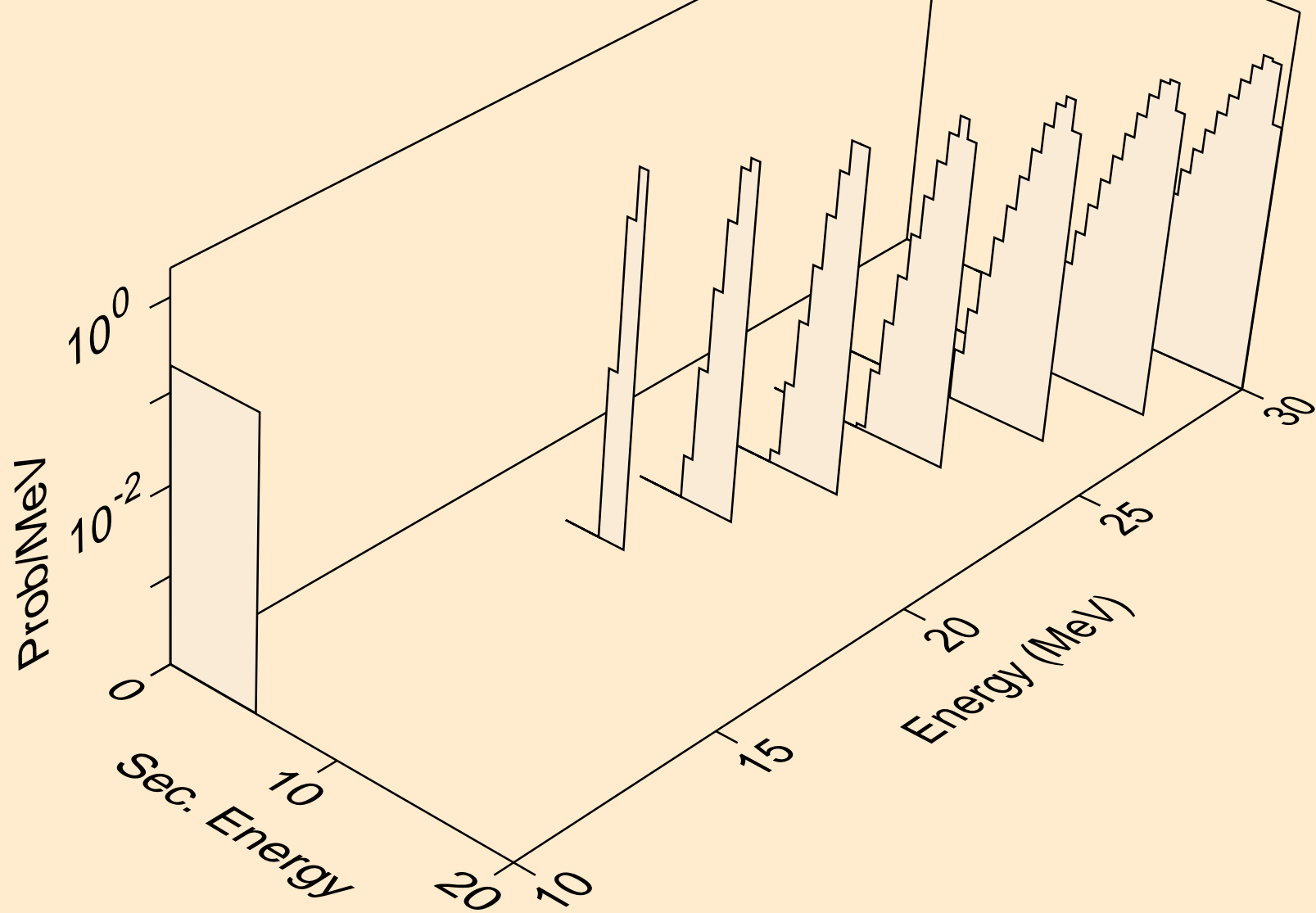
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)

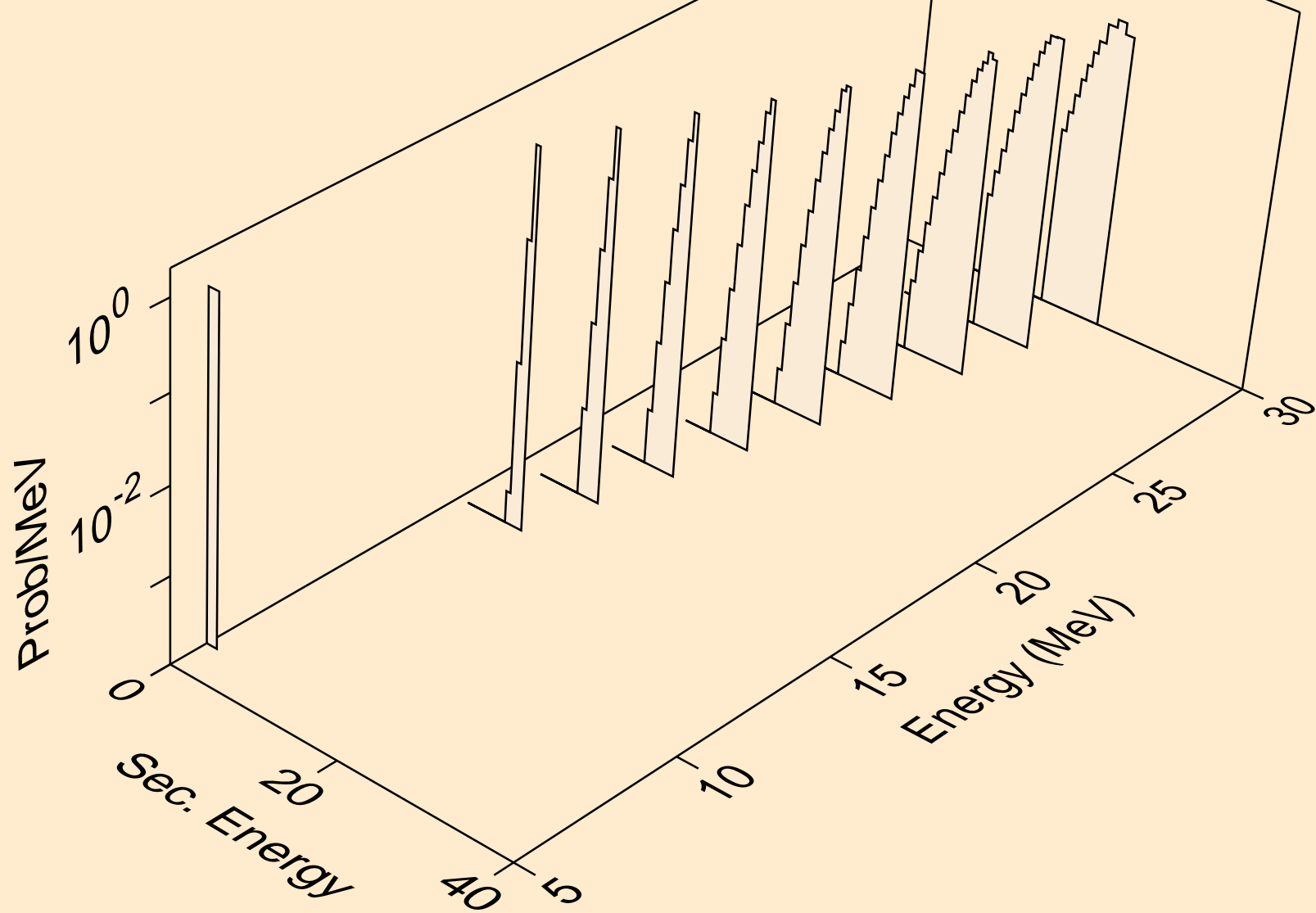


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3

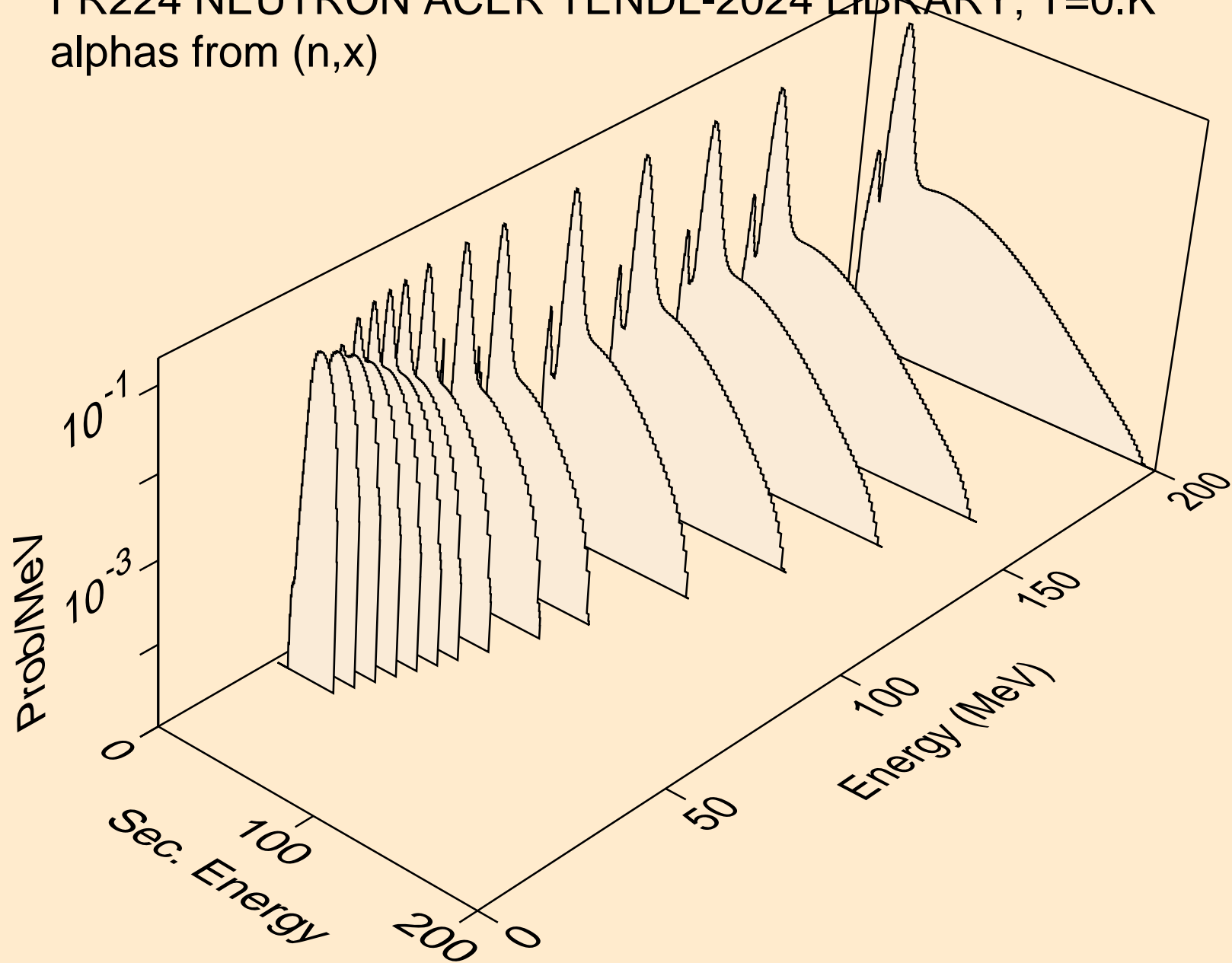




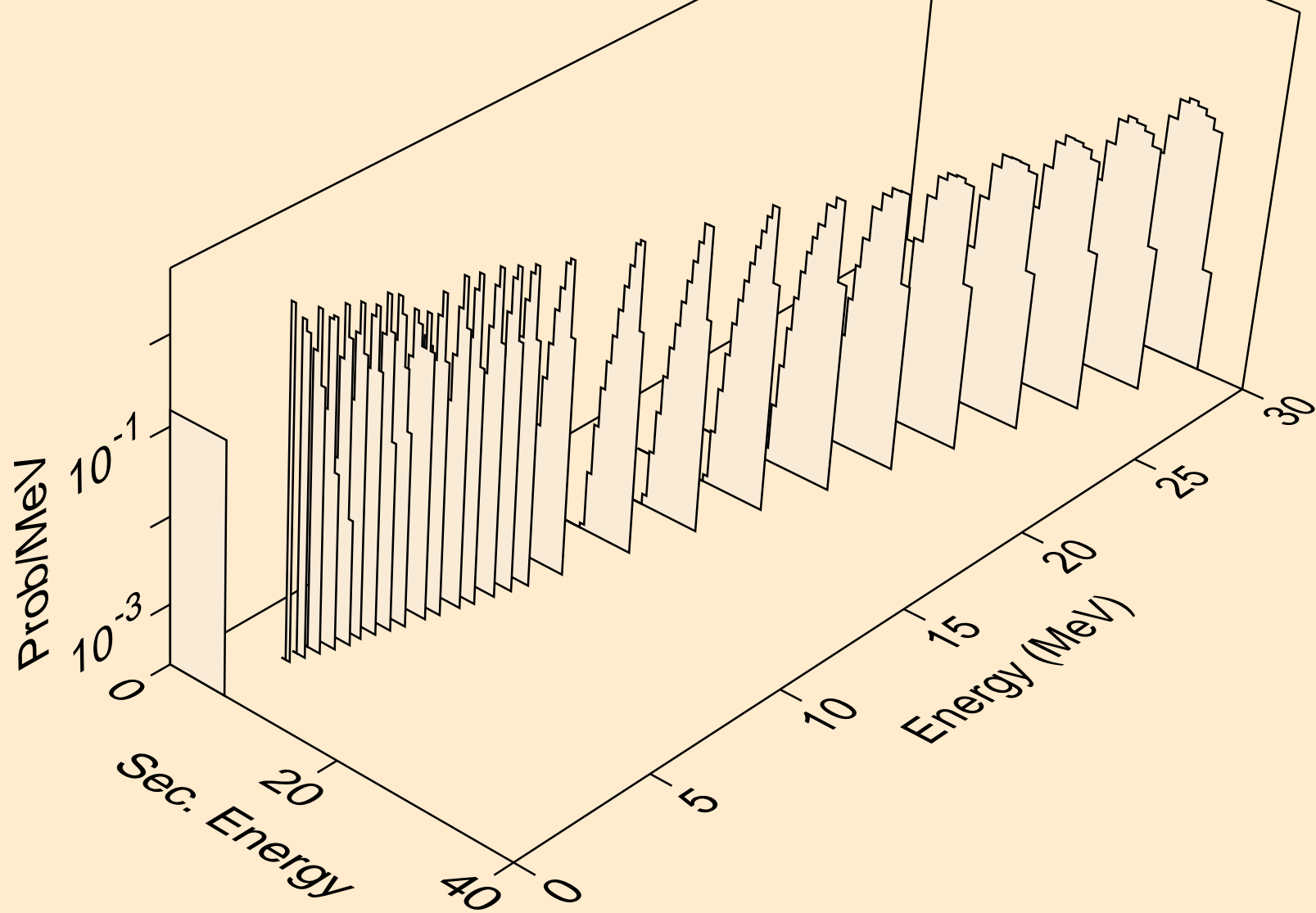
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



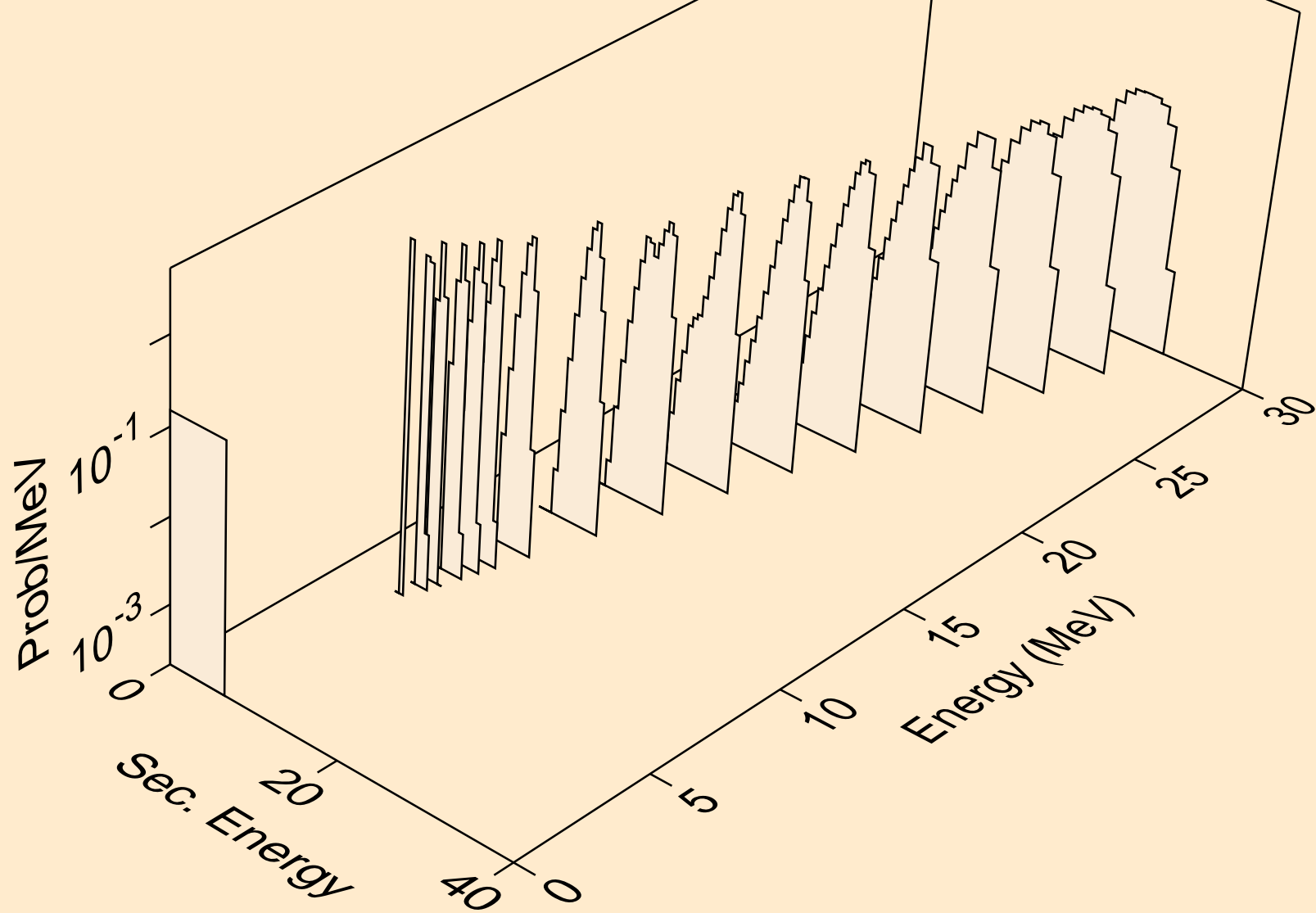
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



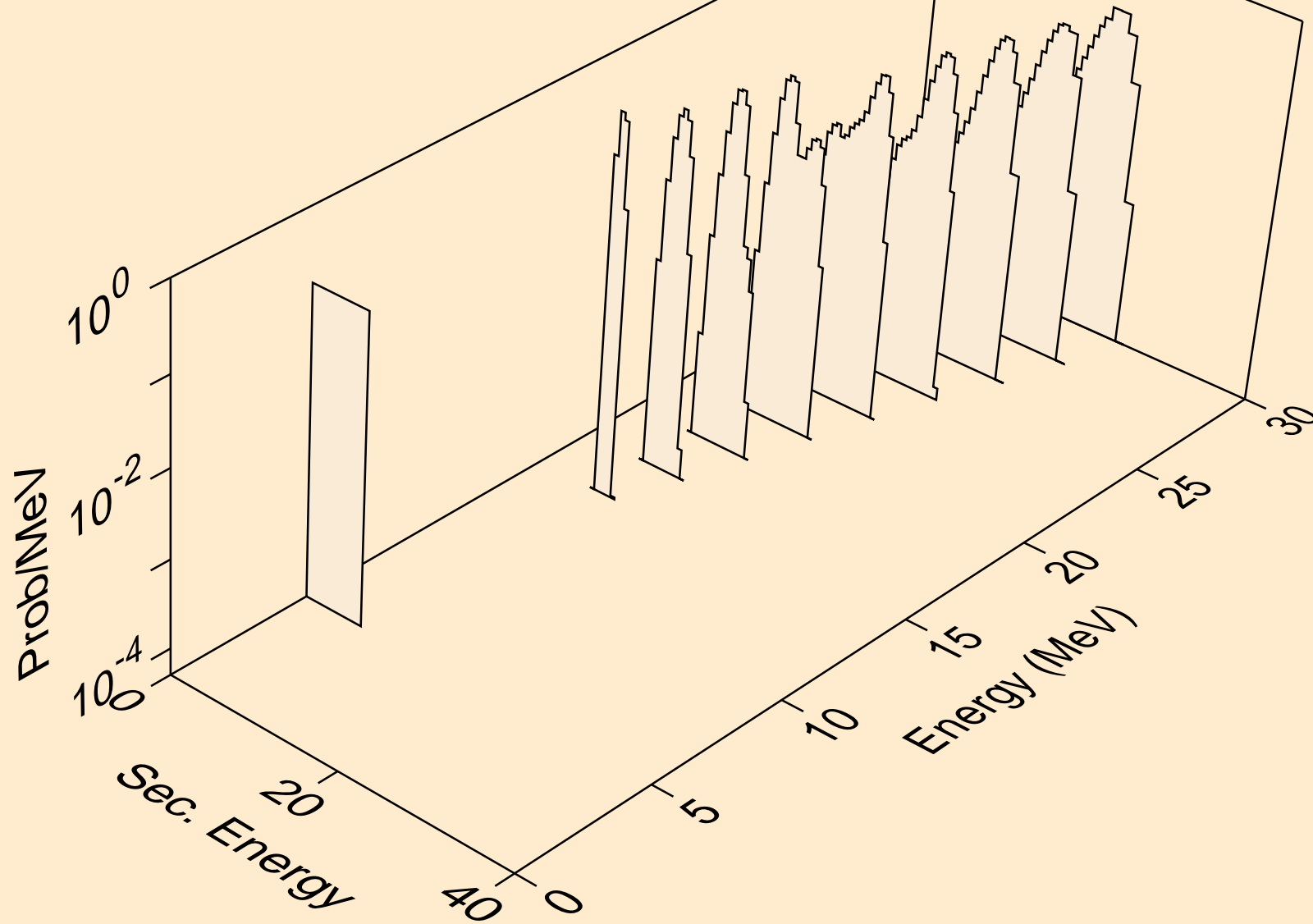
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



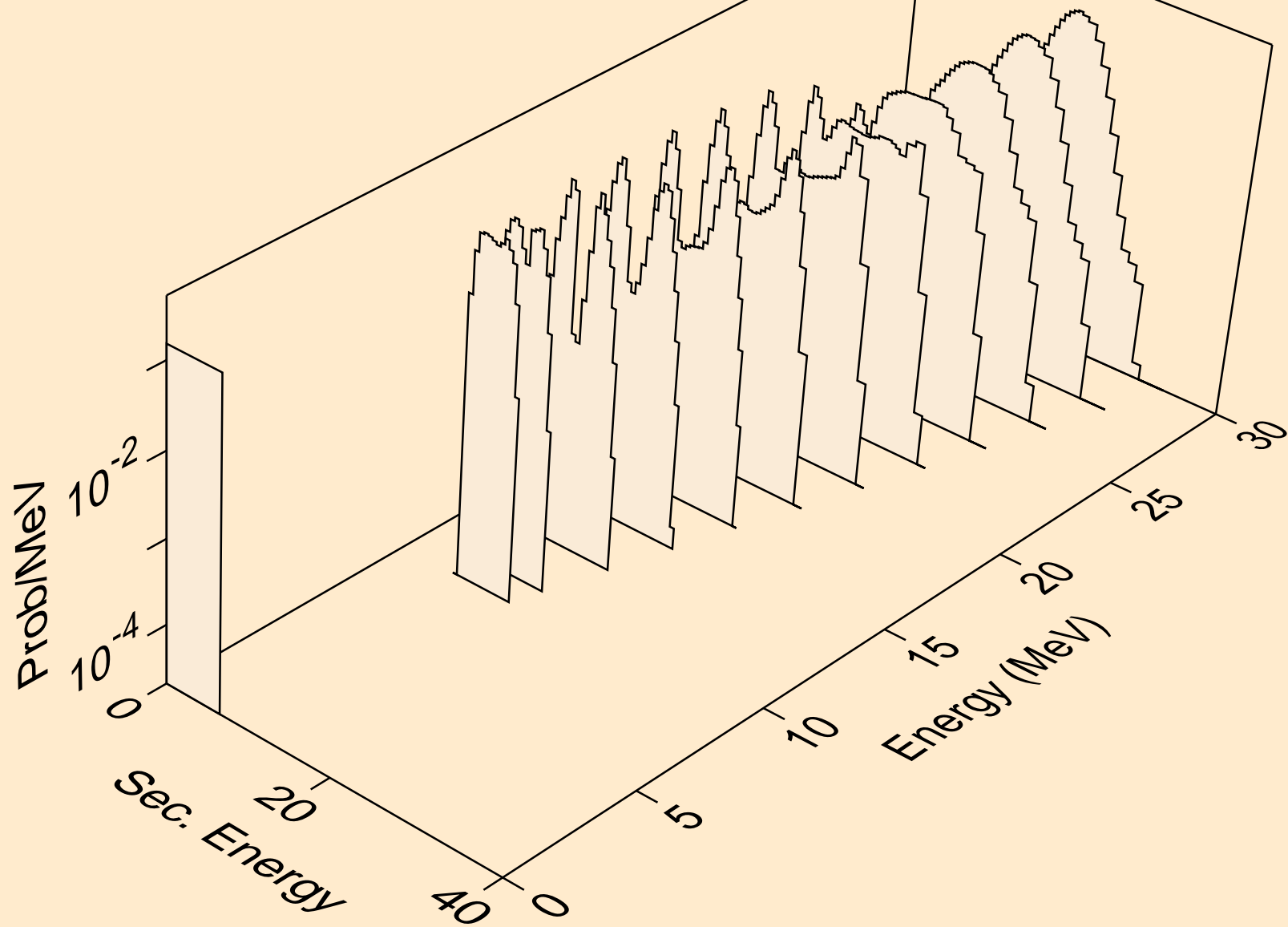
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



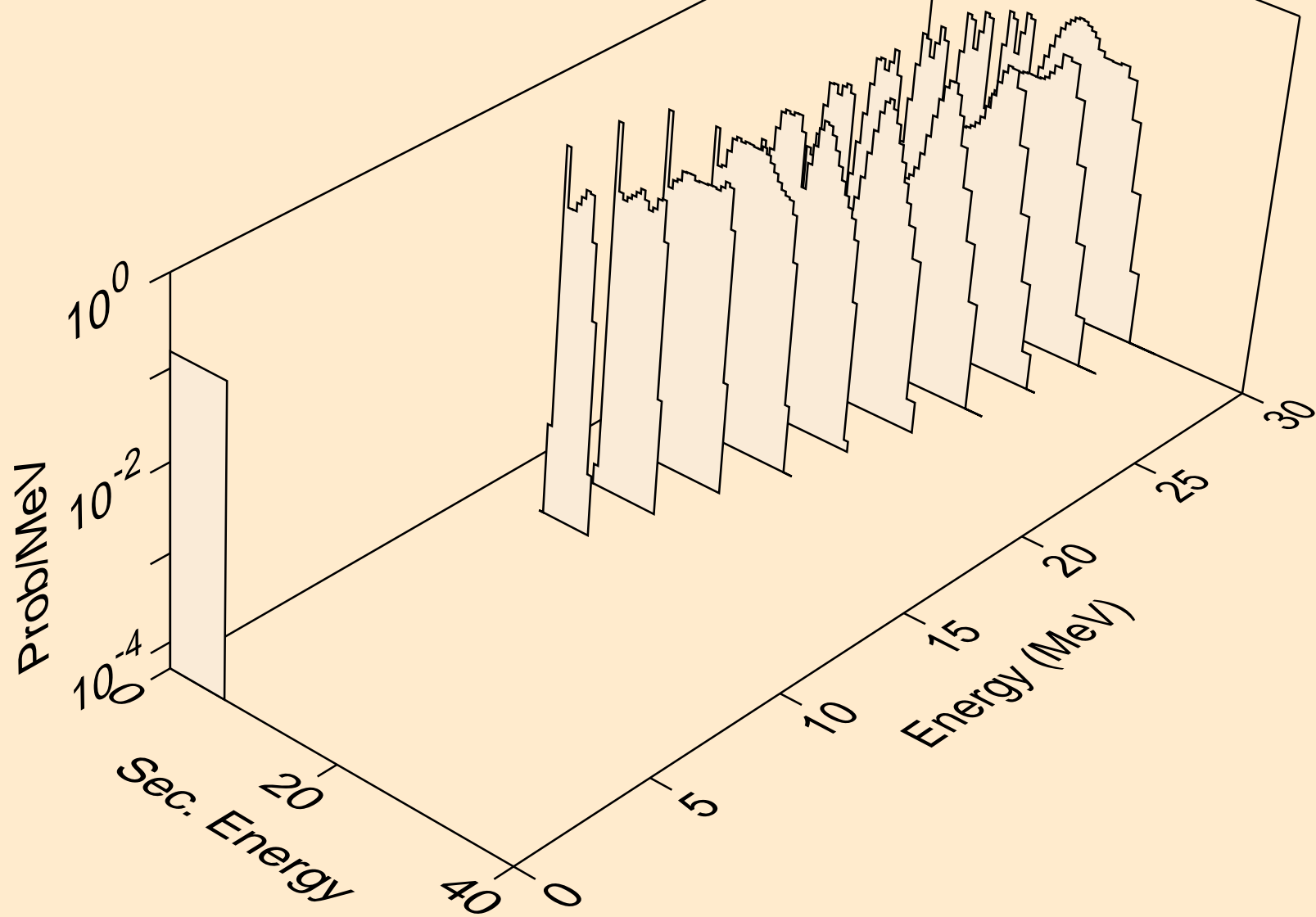
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



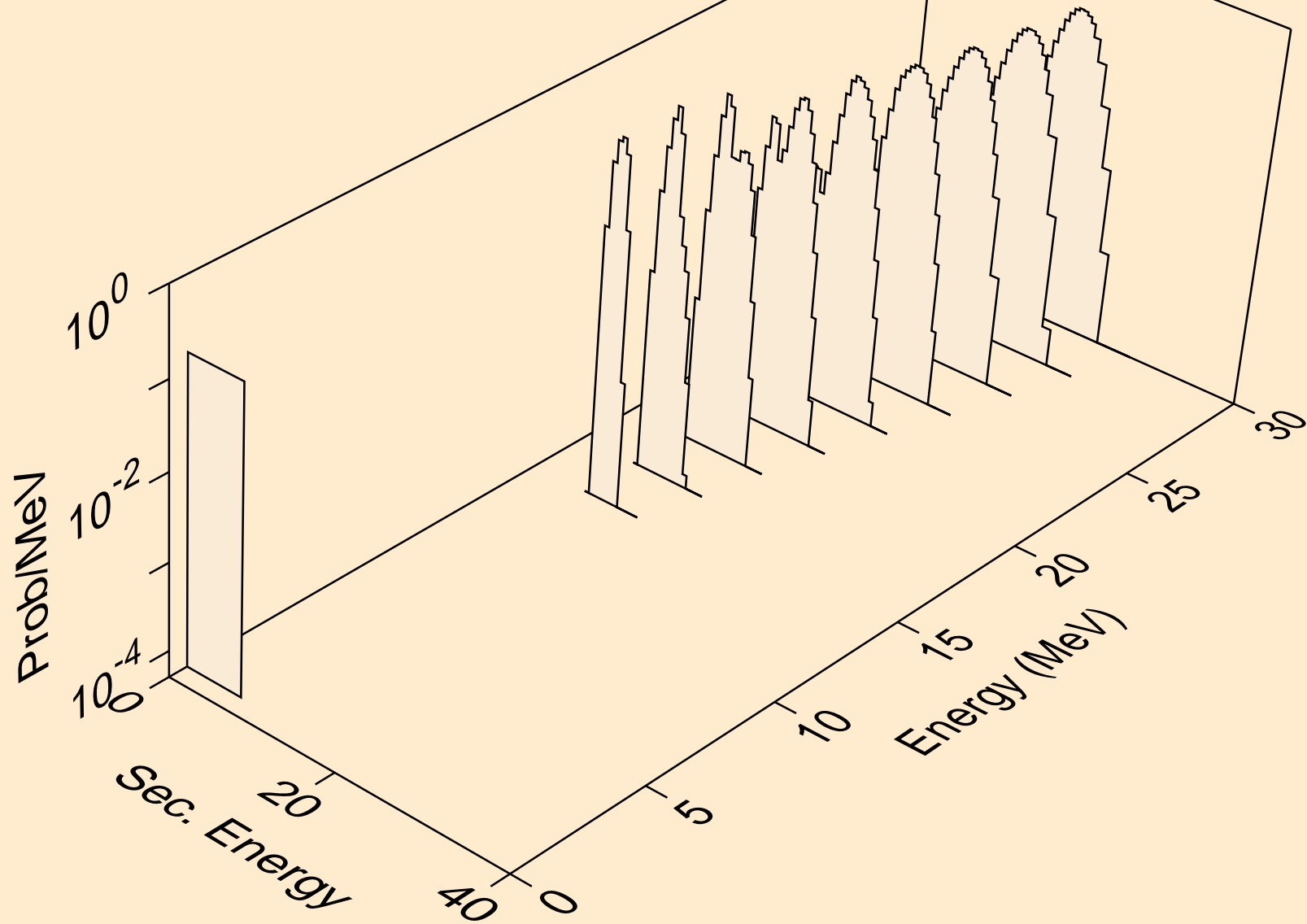
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a

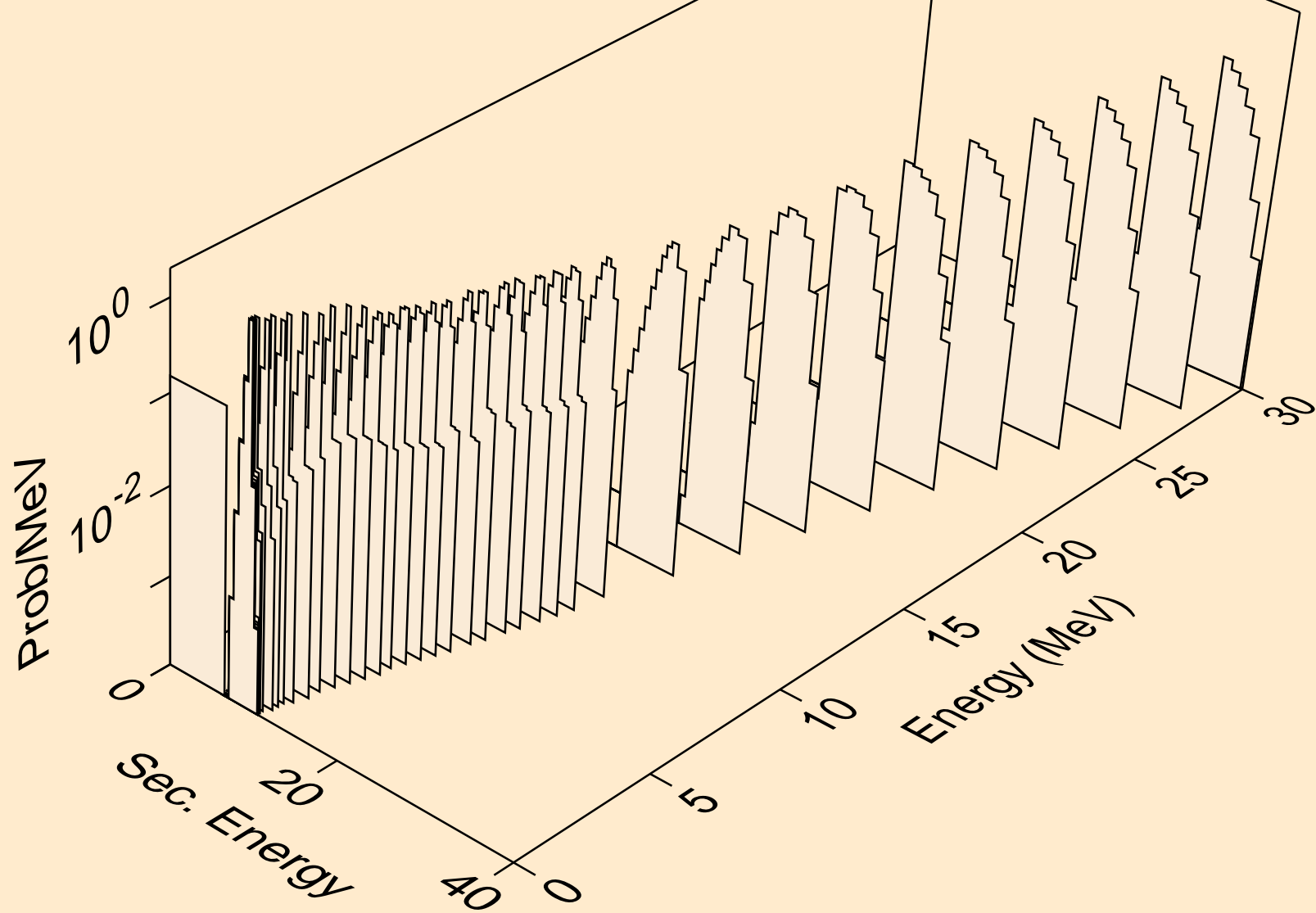


FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)

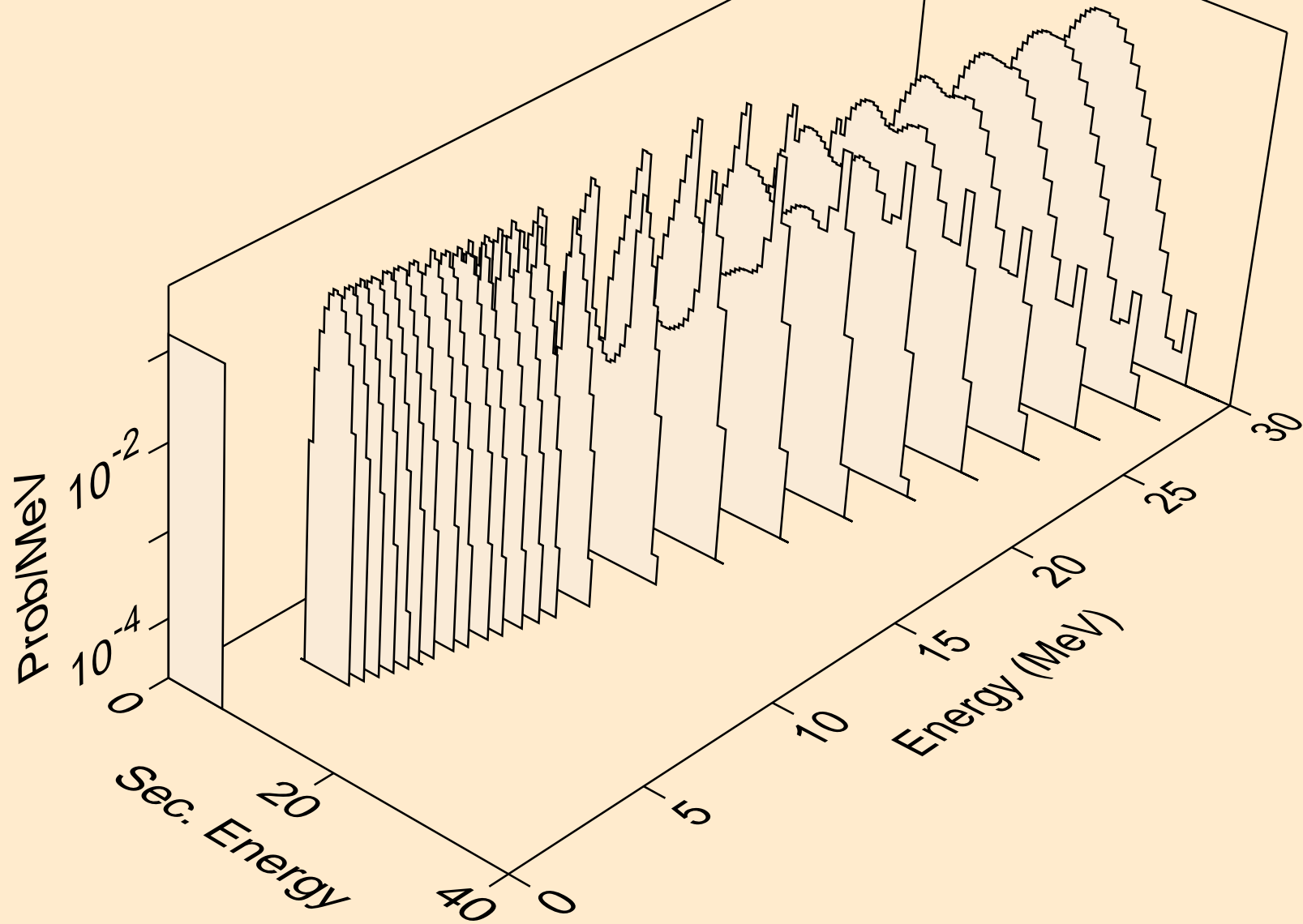




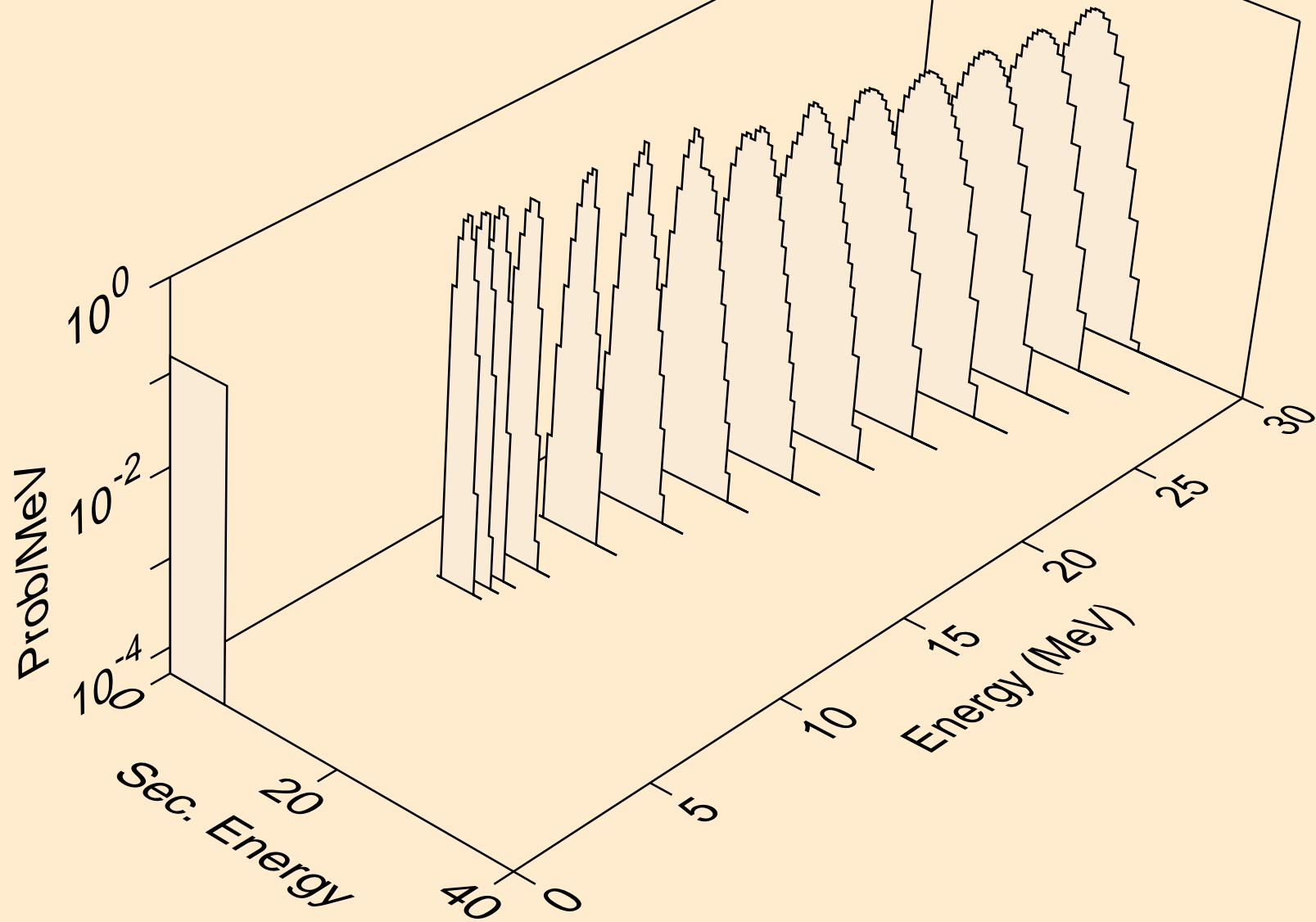
FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)



FR224 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

