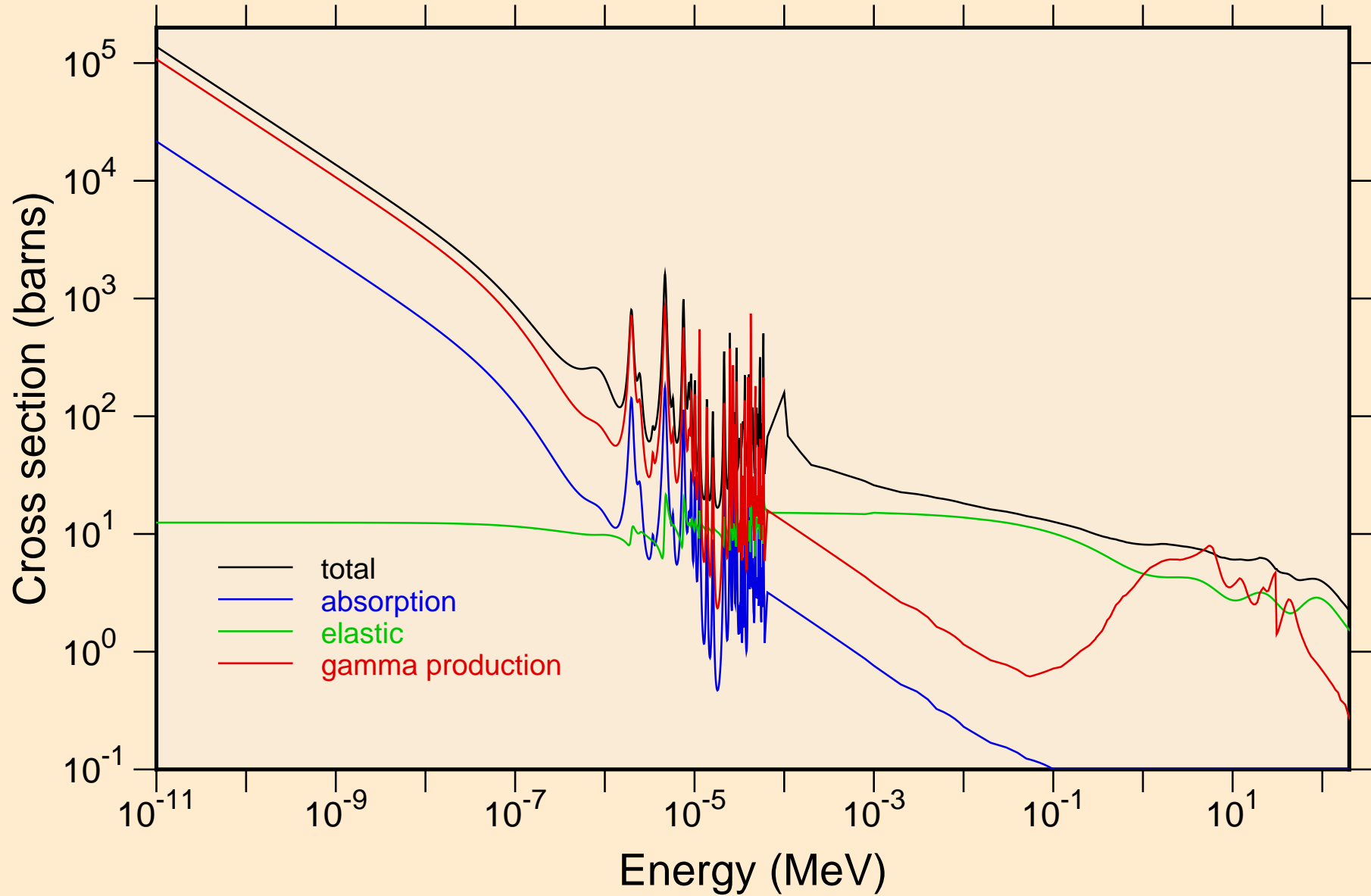
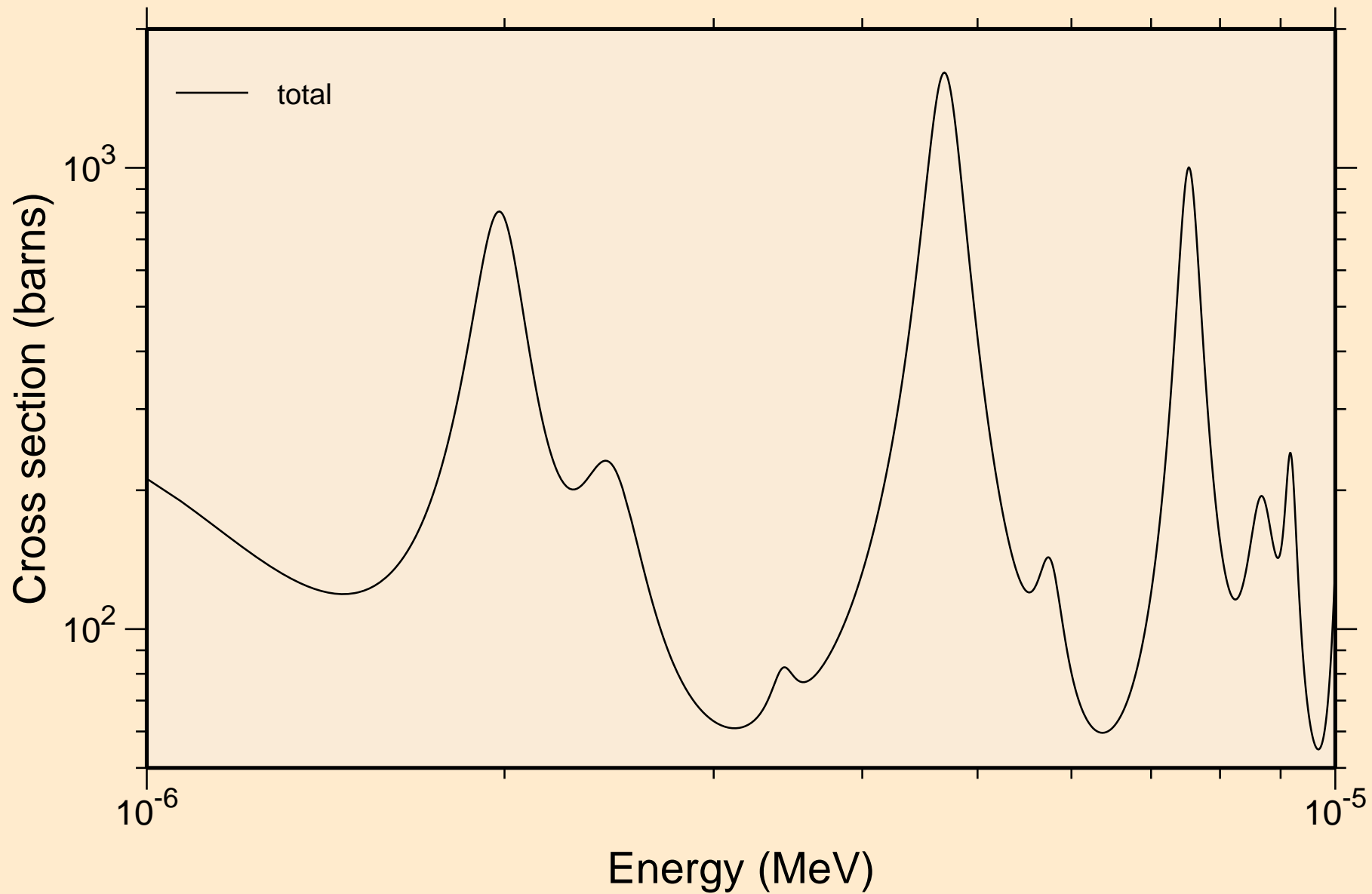


# CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

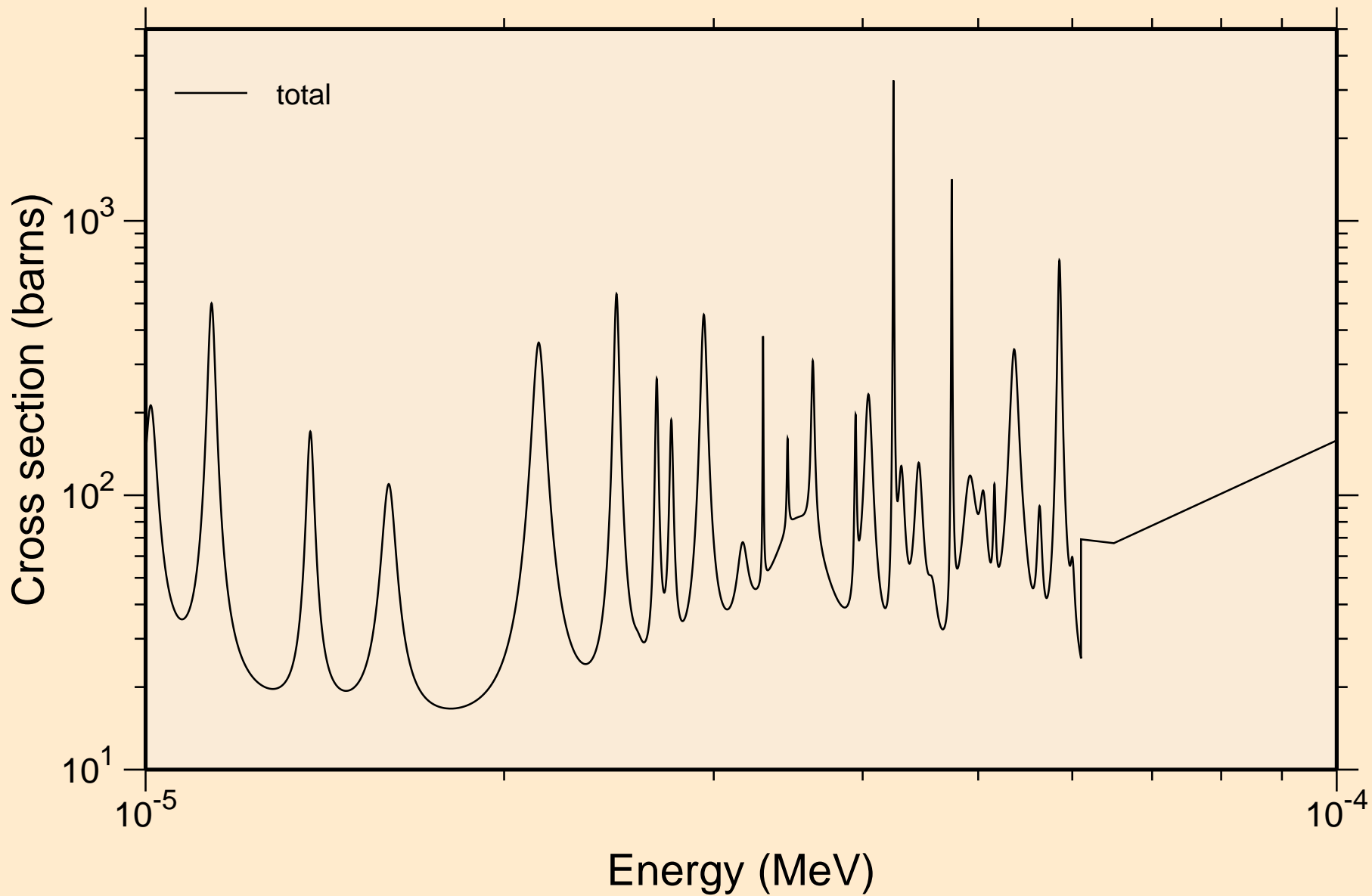
## Principal cross sections



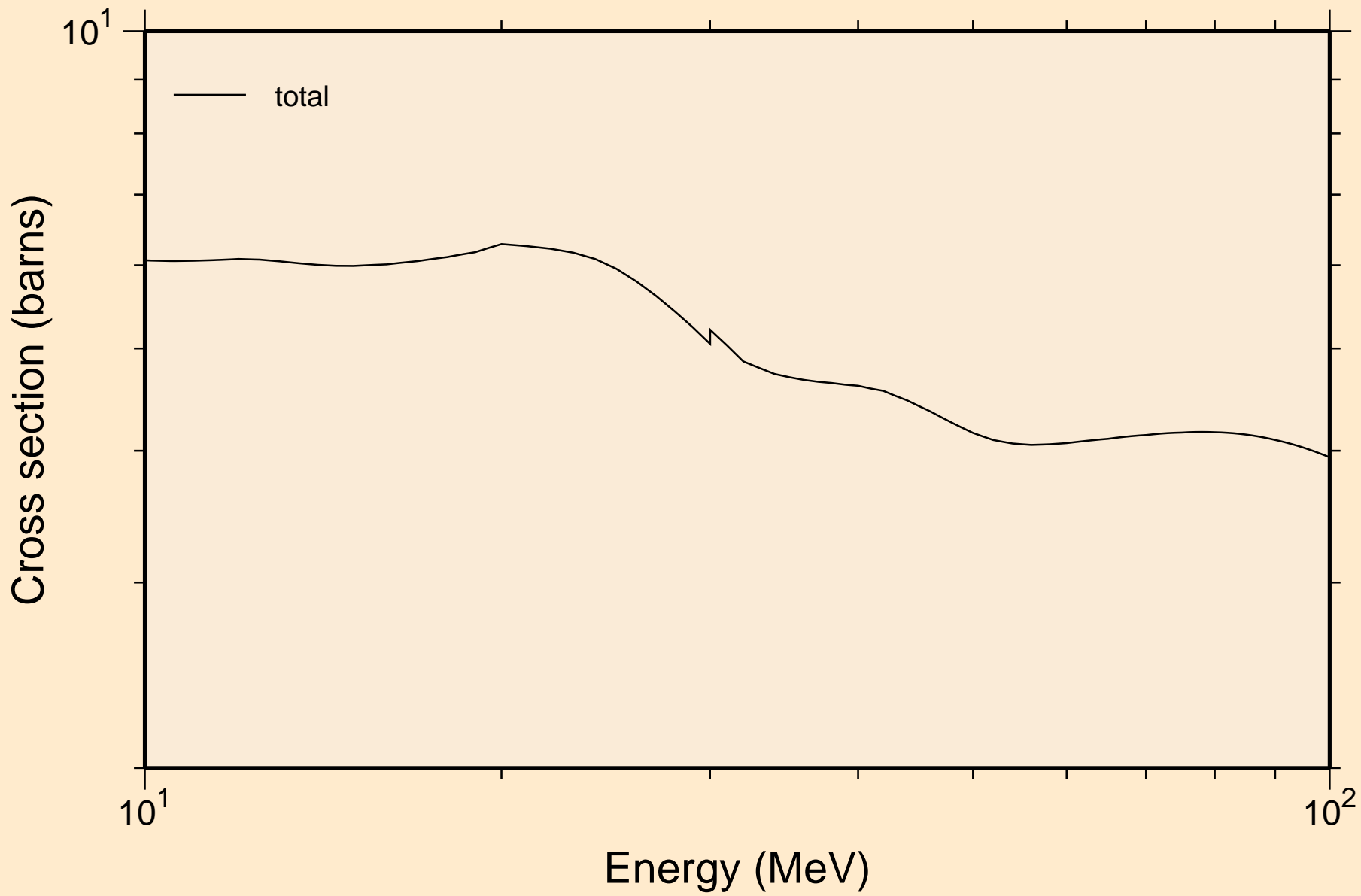
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



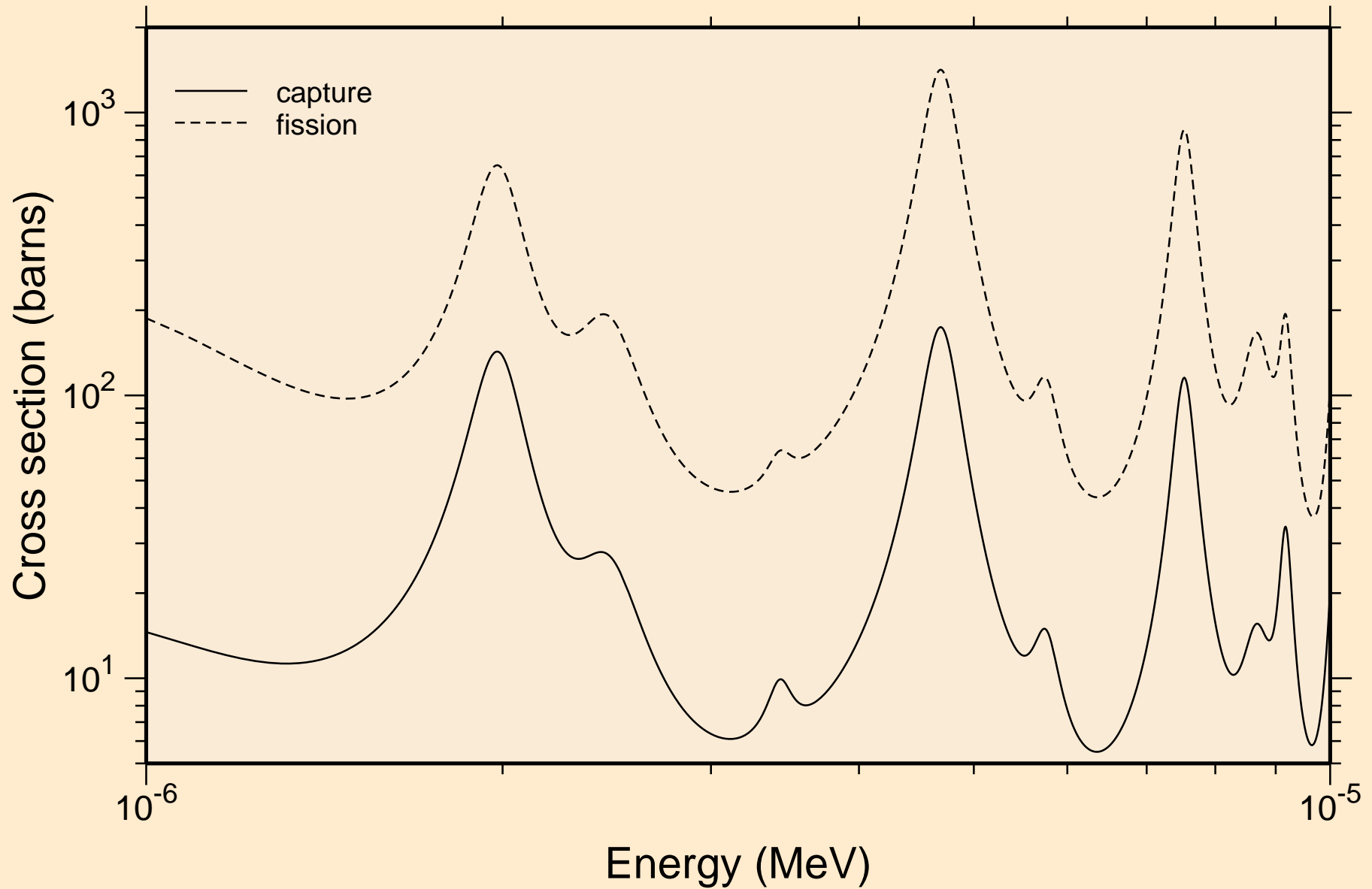
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



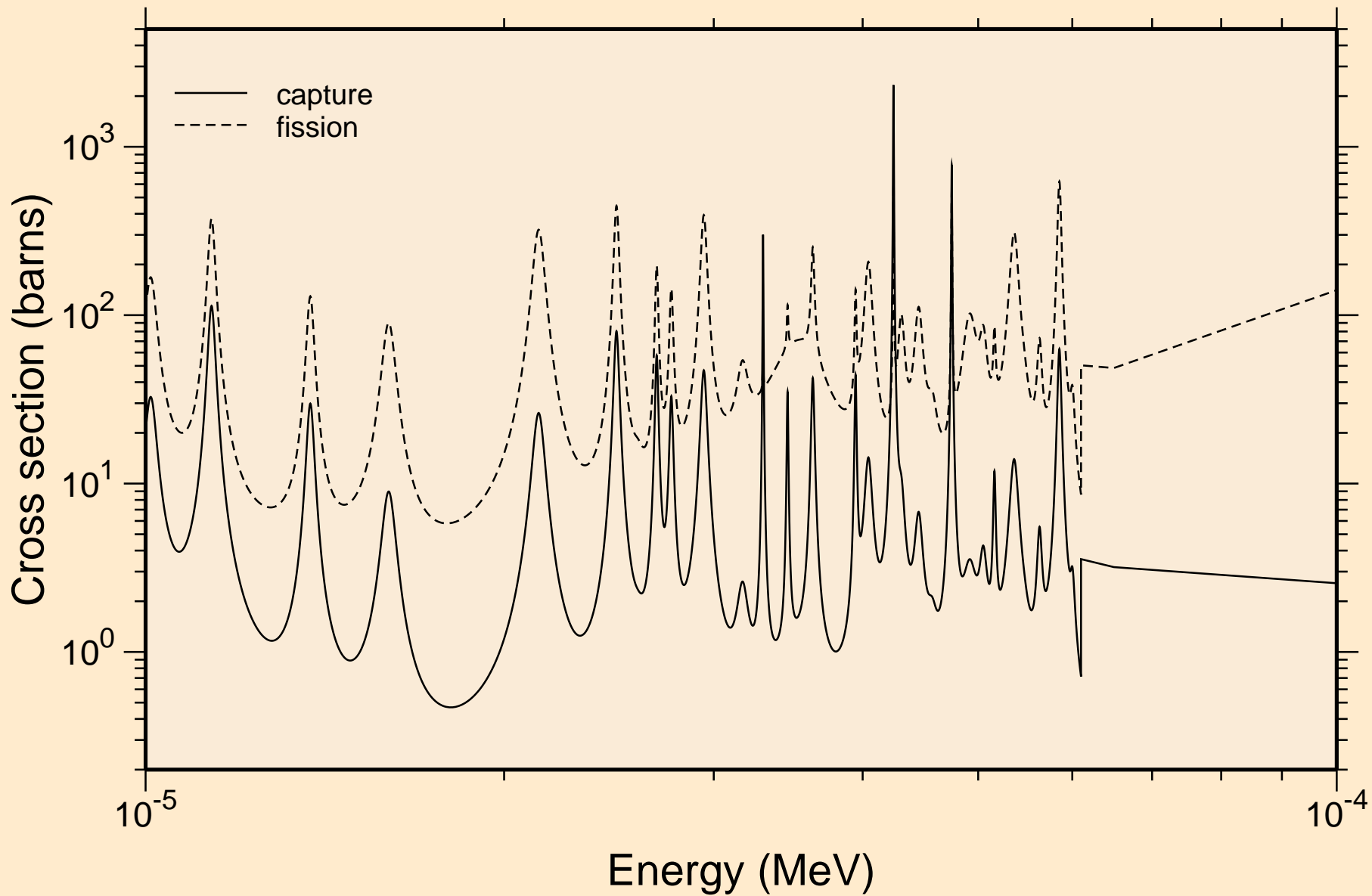
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



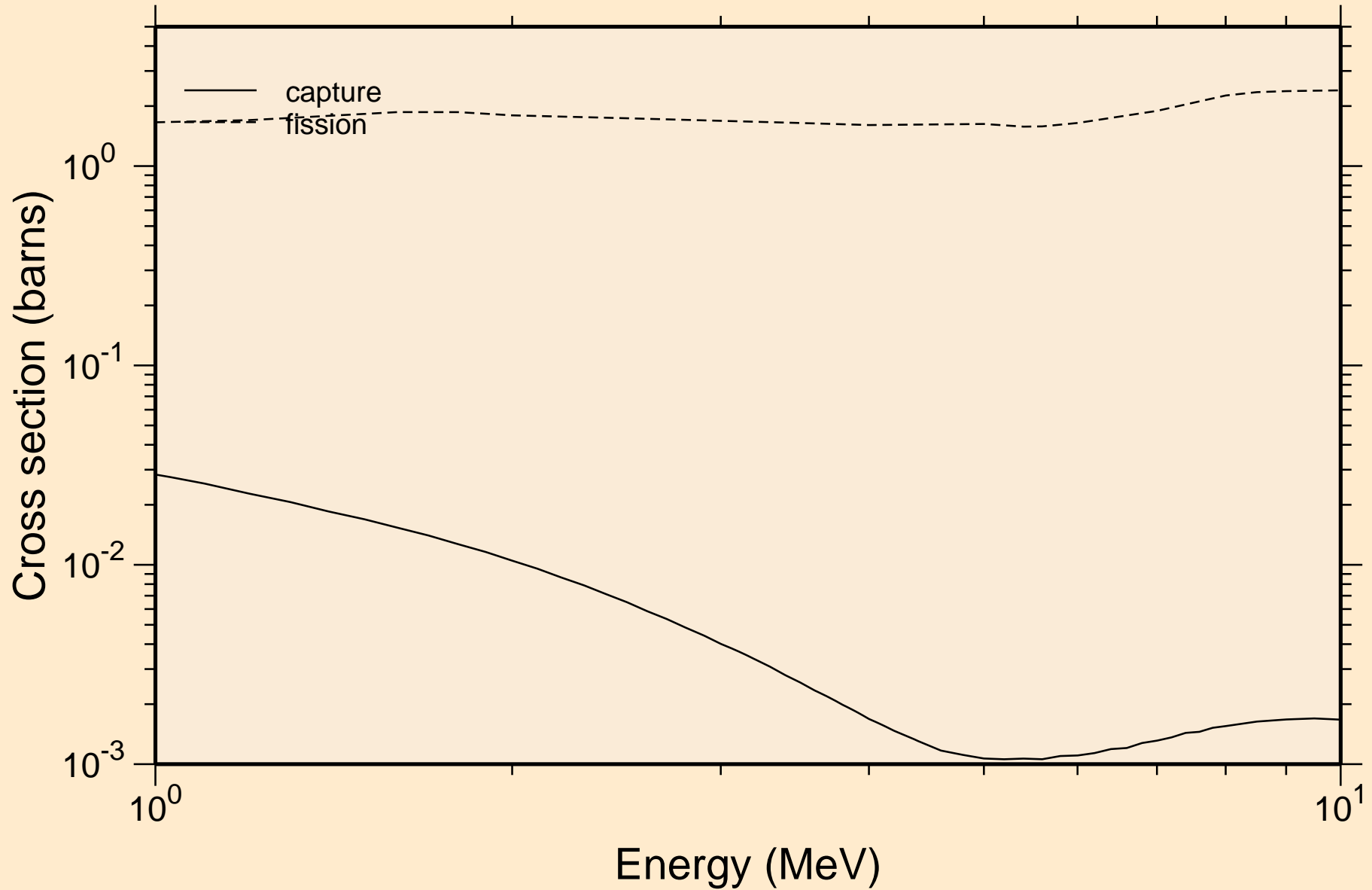
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

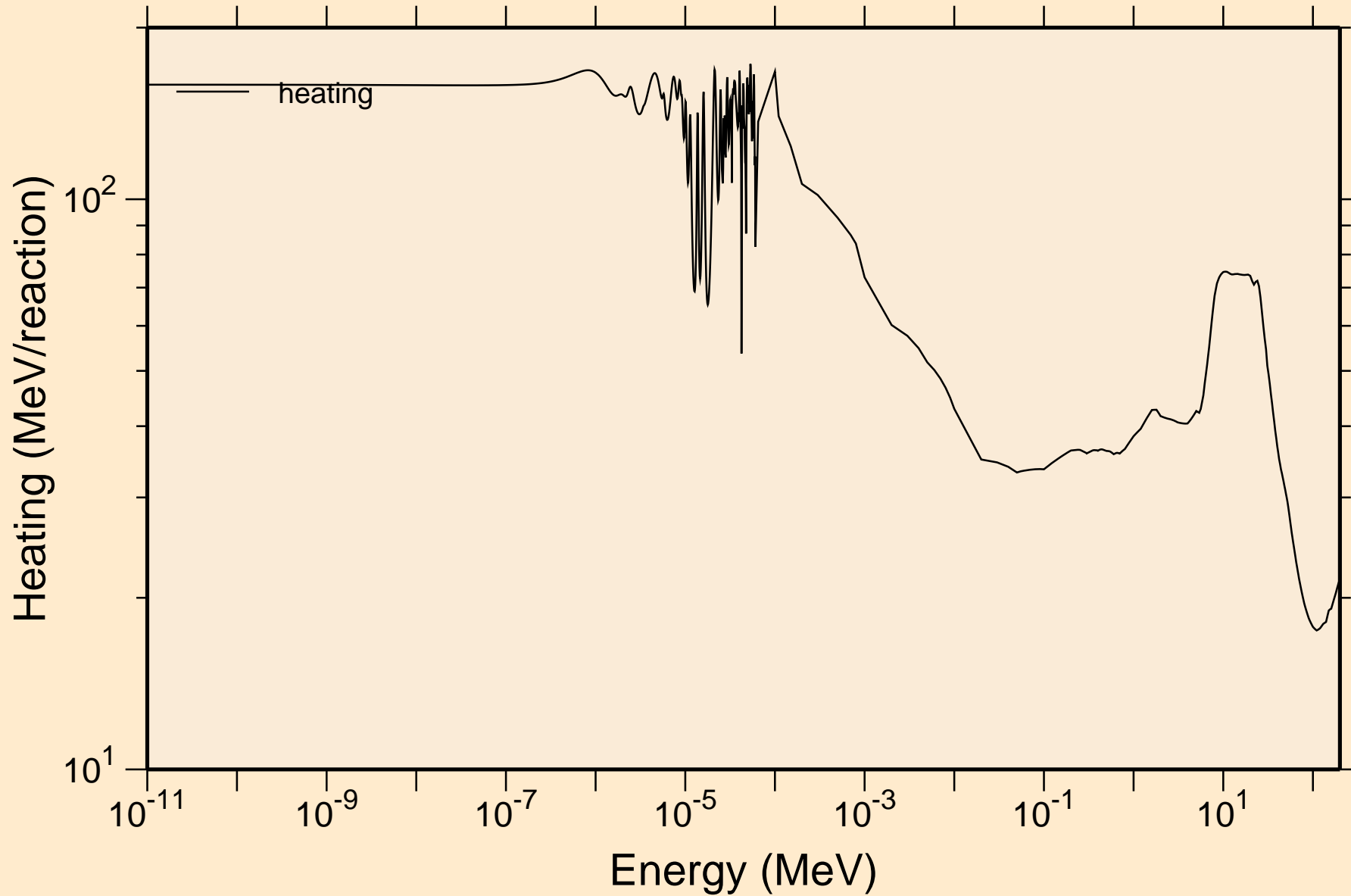


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



# CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

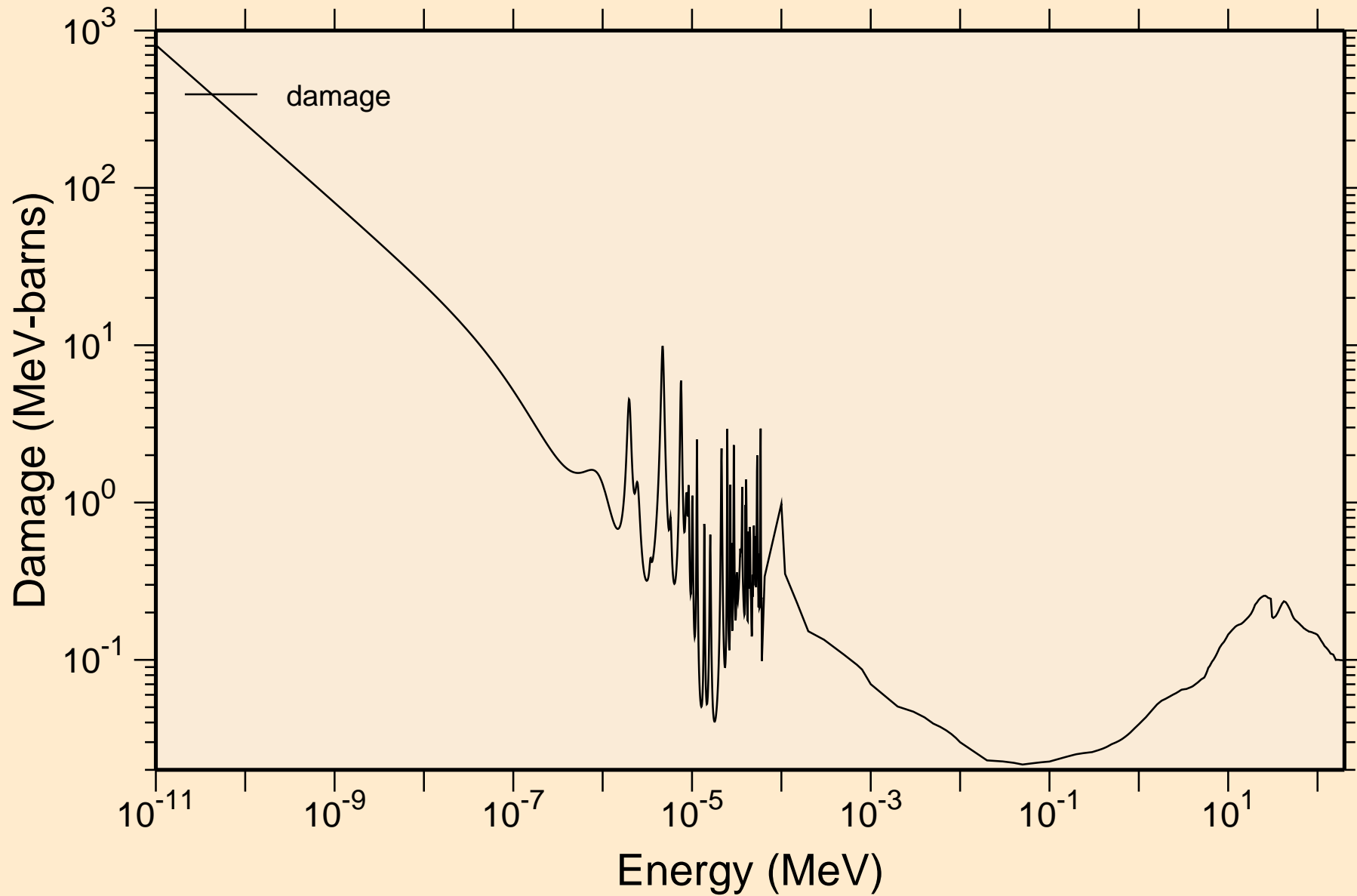
## Heating





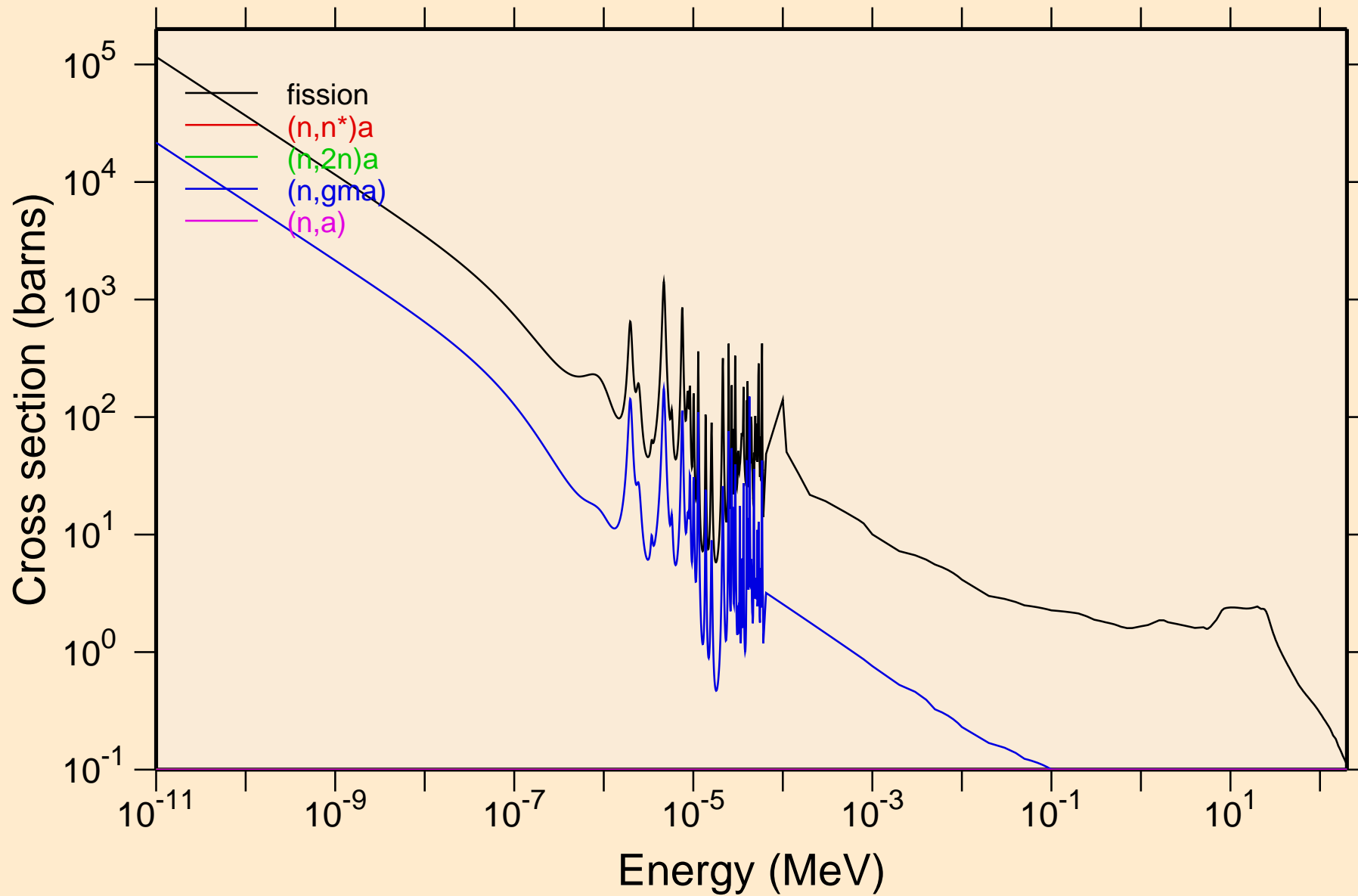
# CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

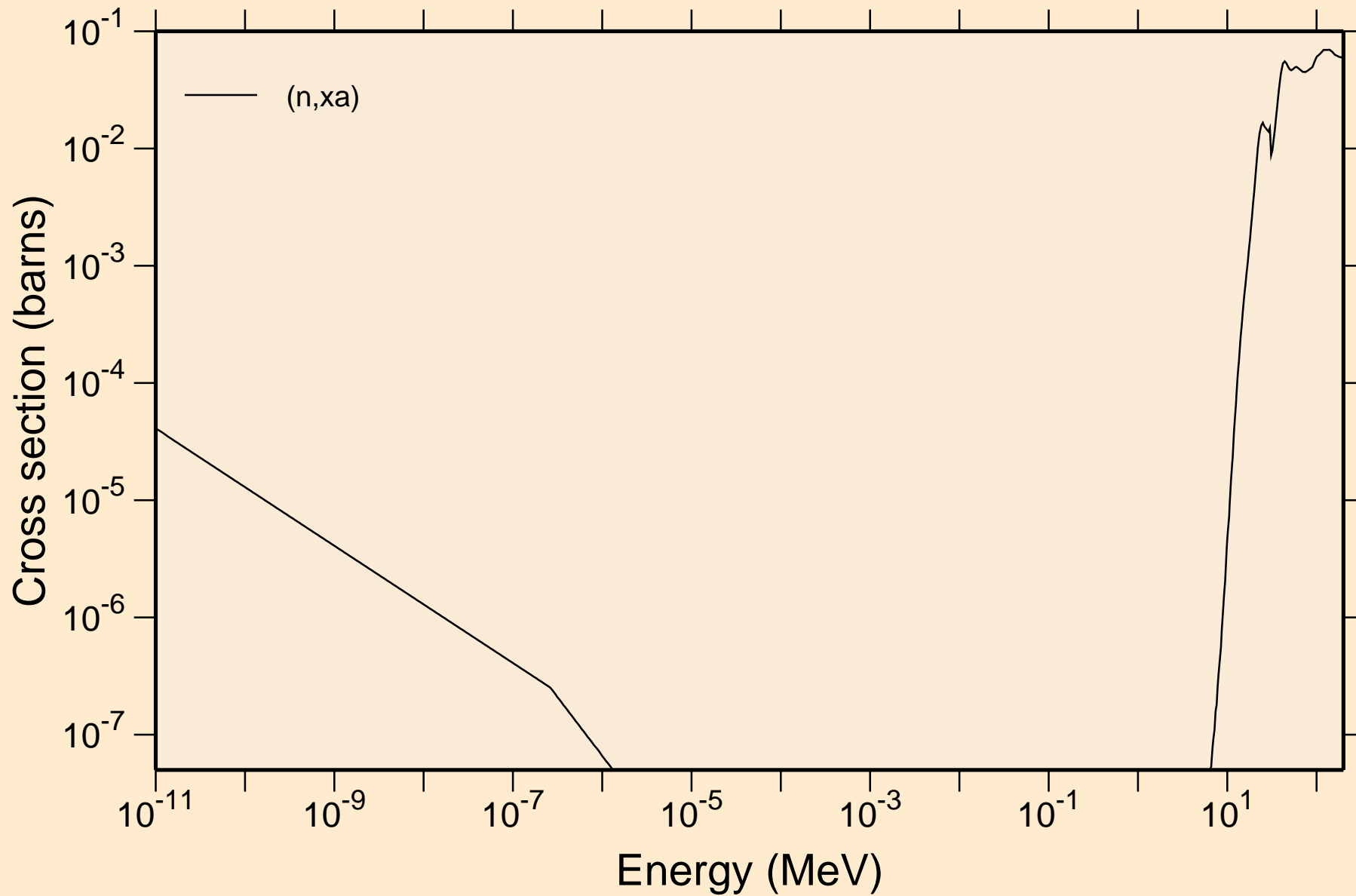


# CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

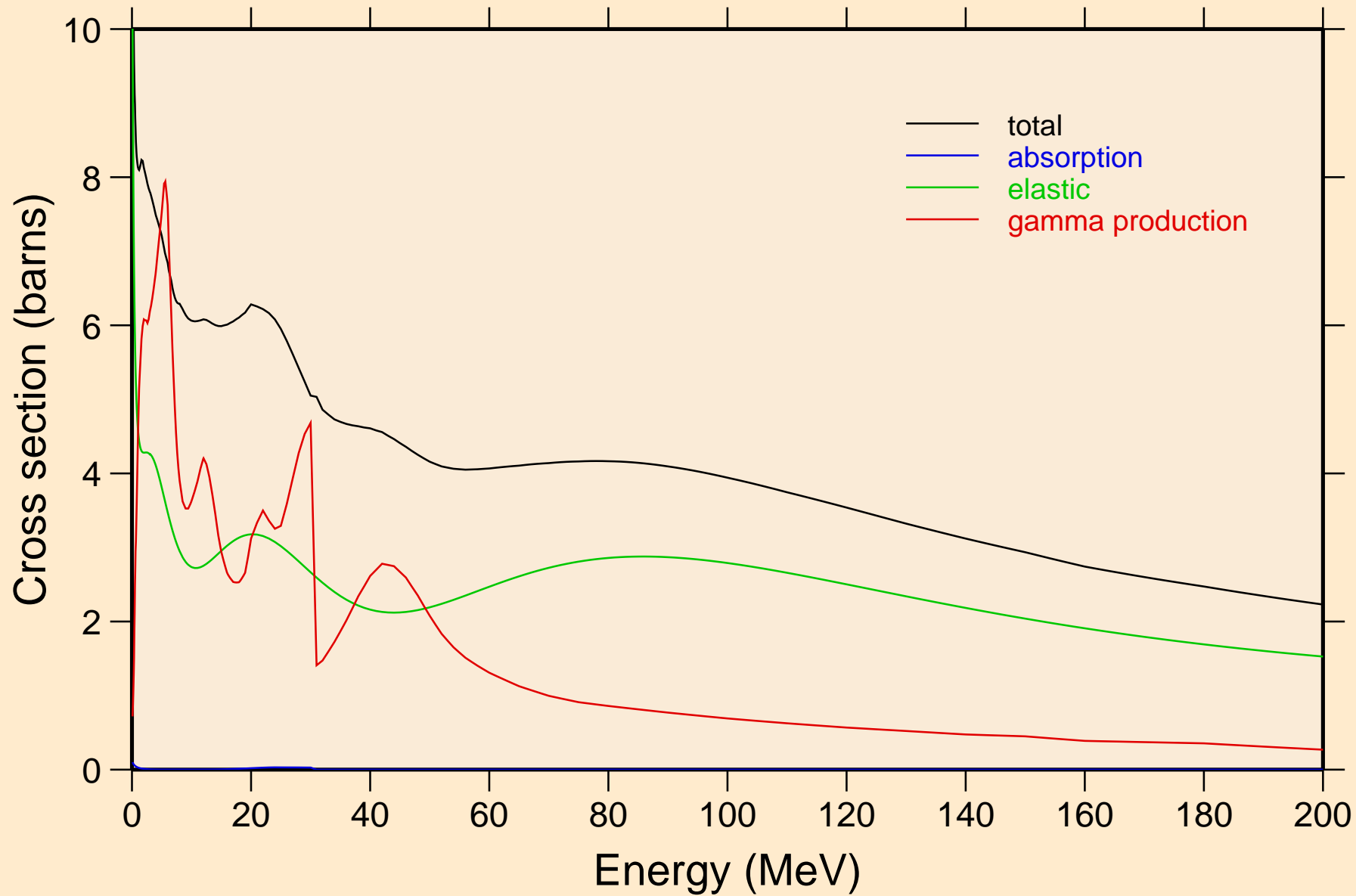


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions



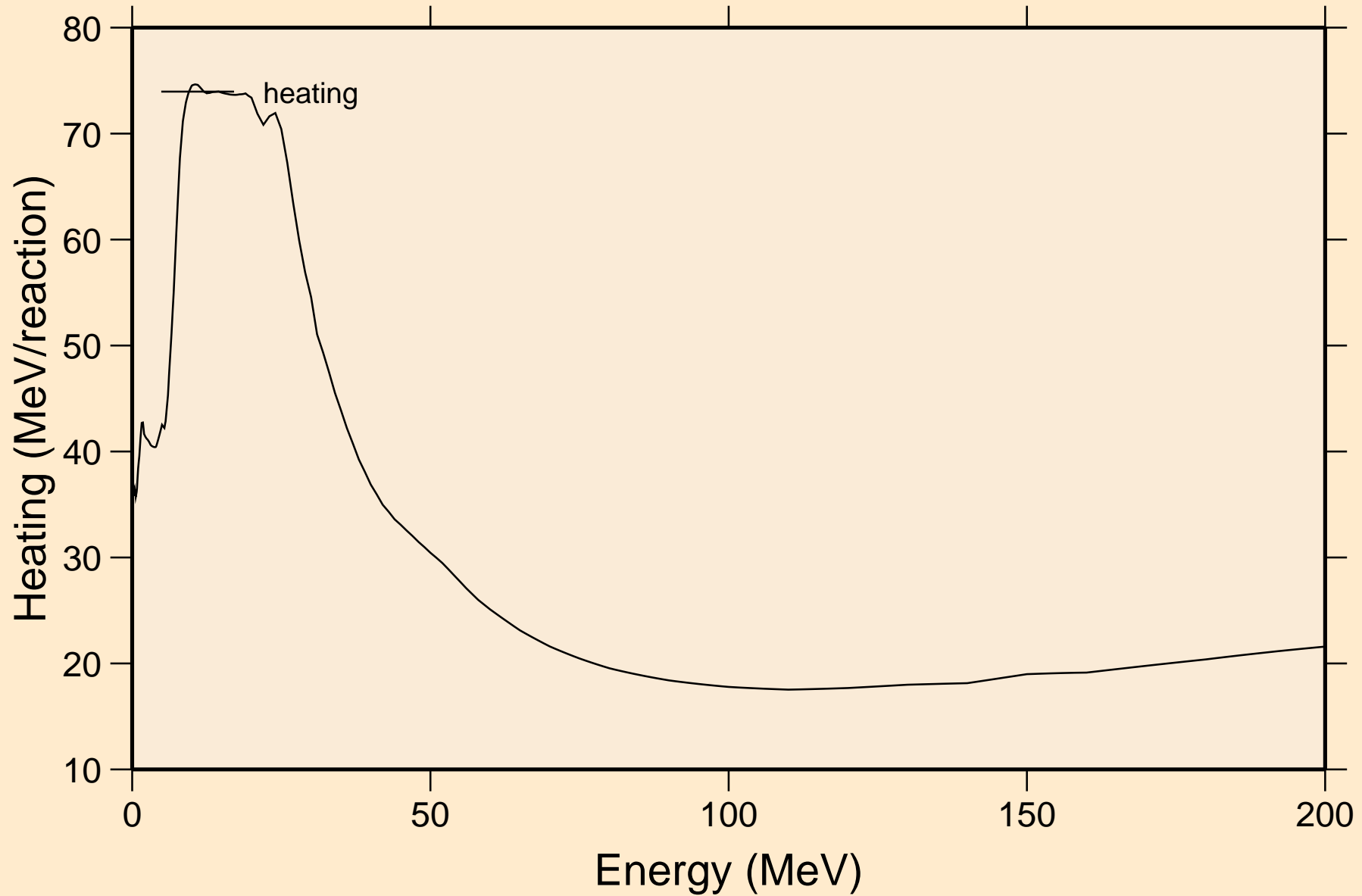
# CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



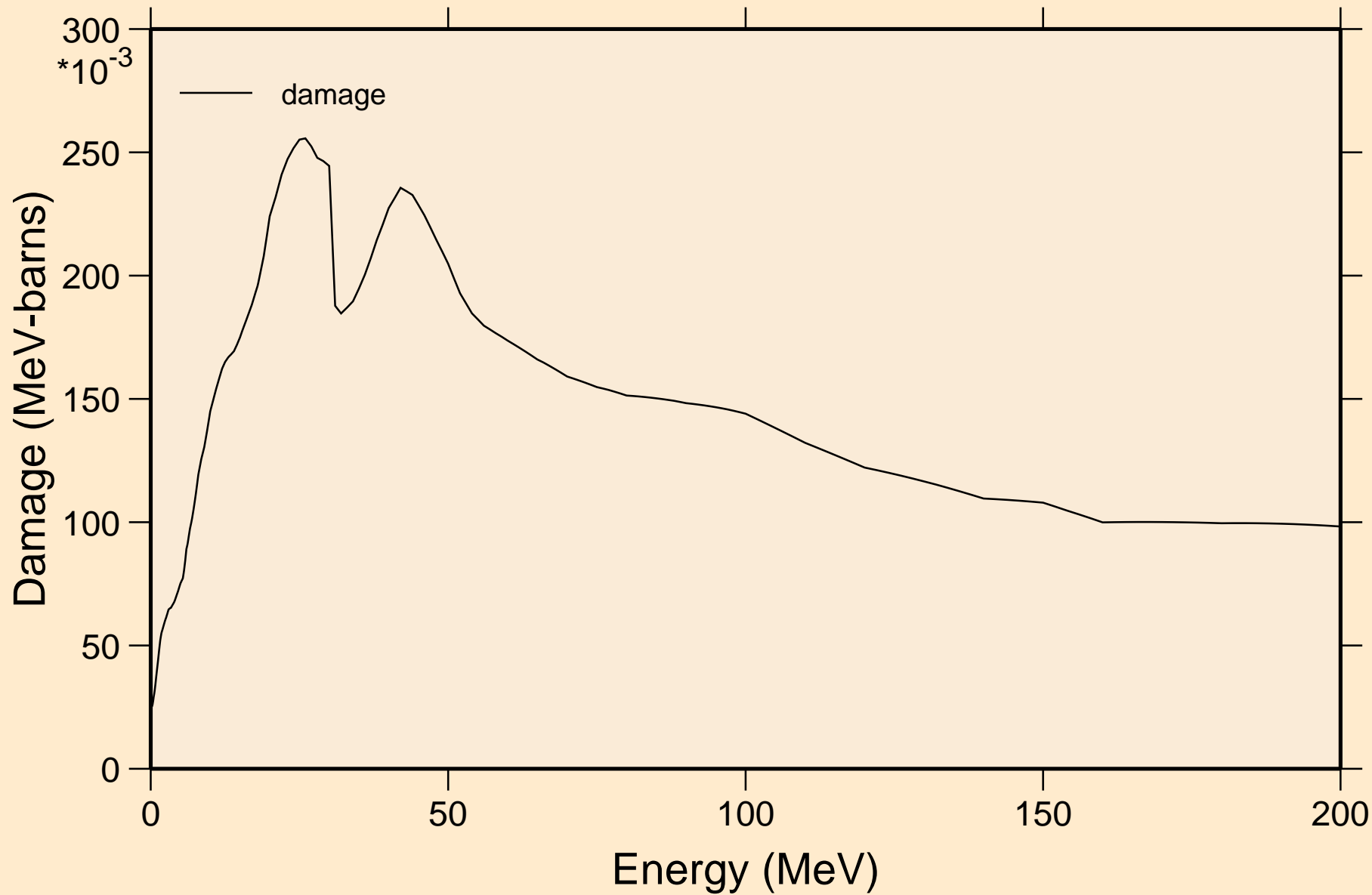
# CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



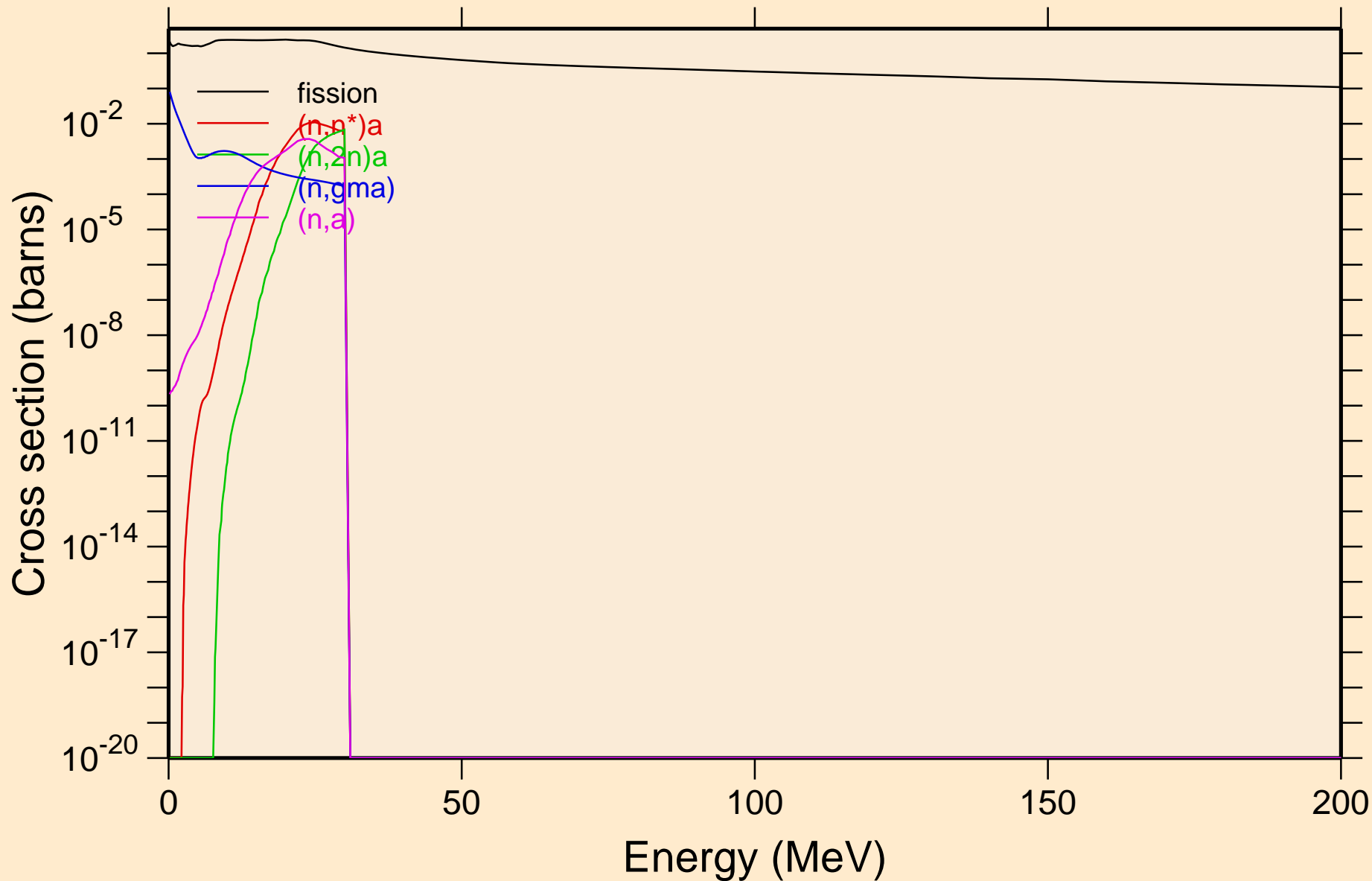
# CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage

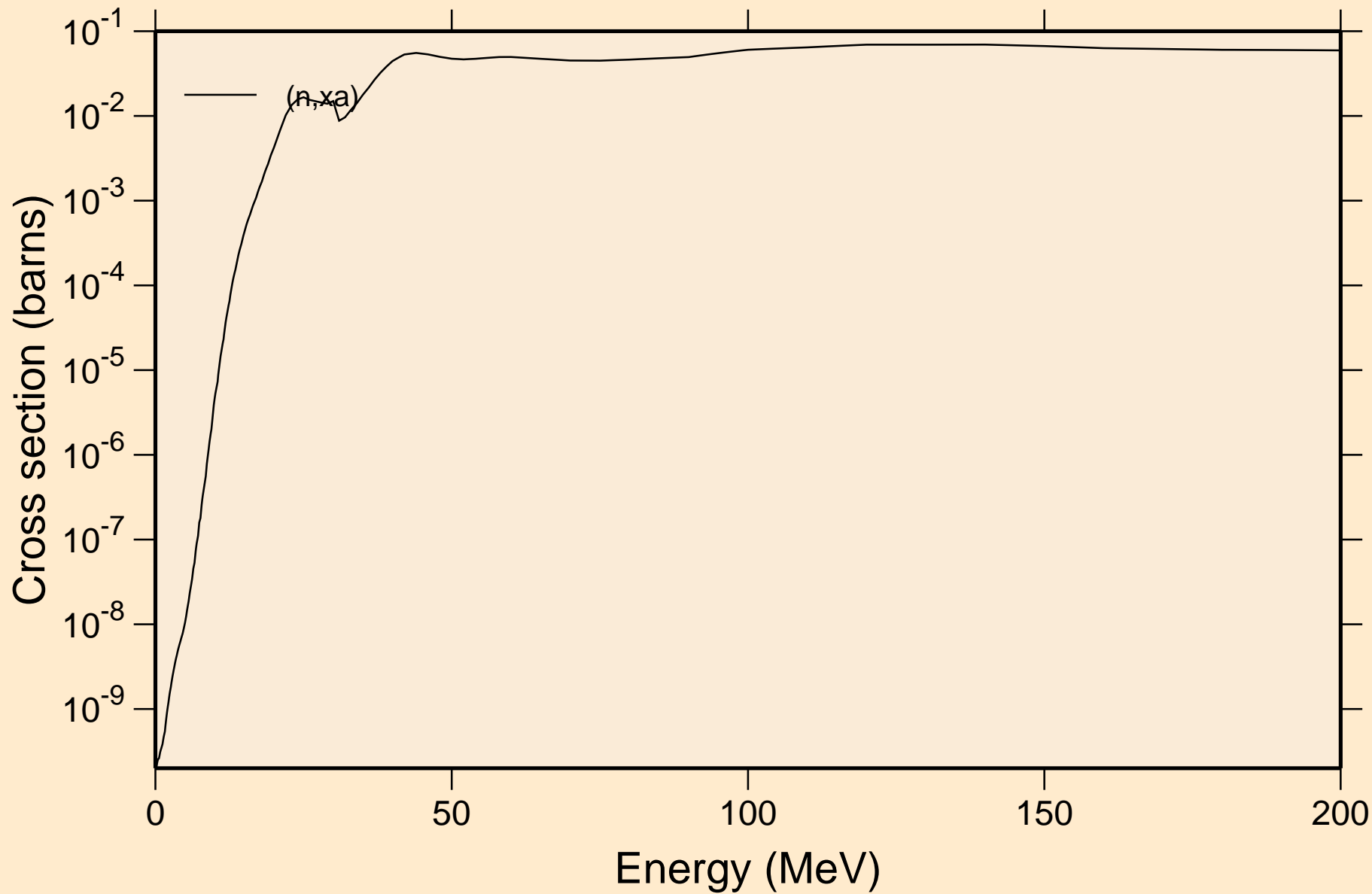


# CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

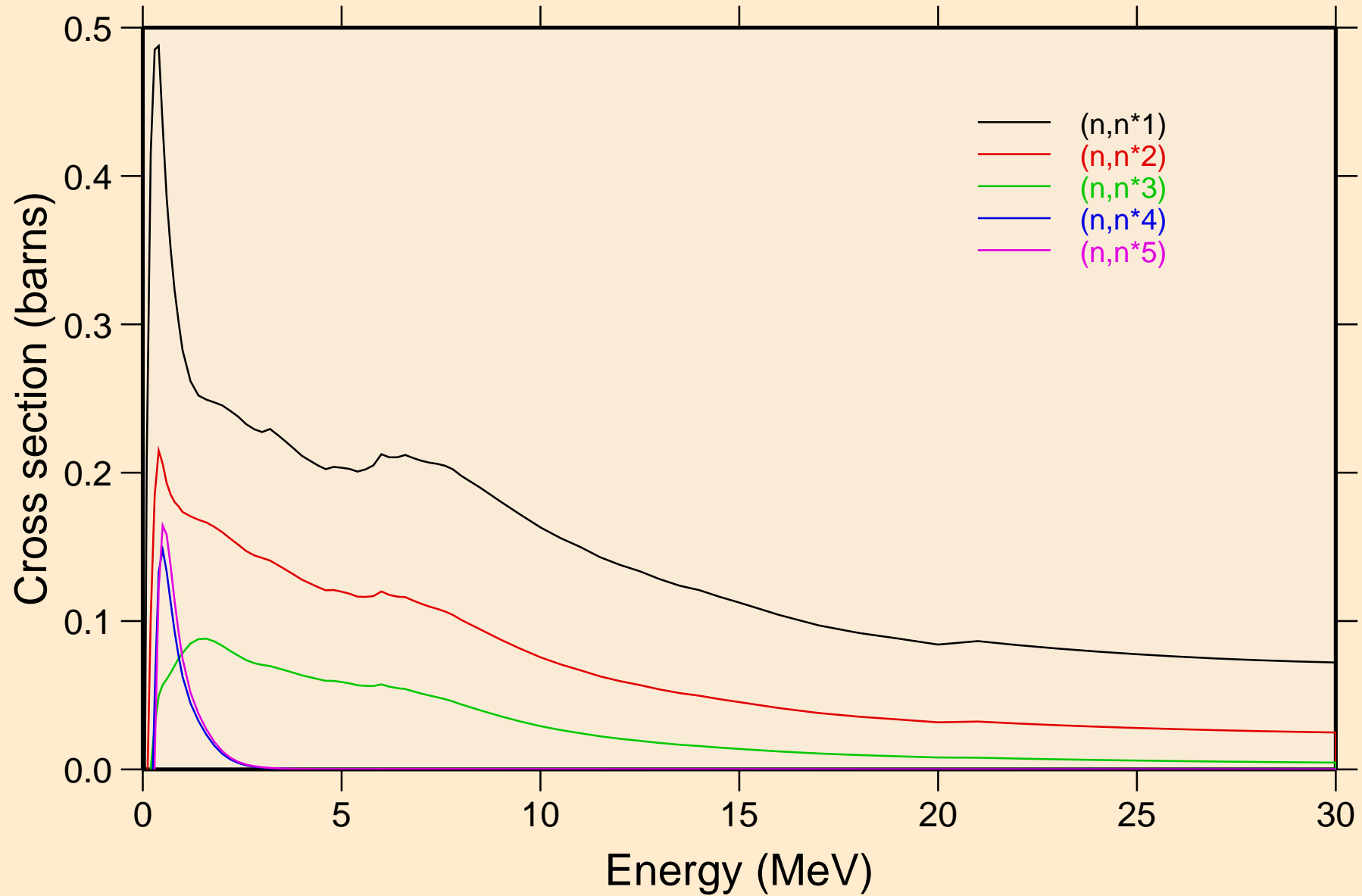


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Non-threshold reactions

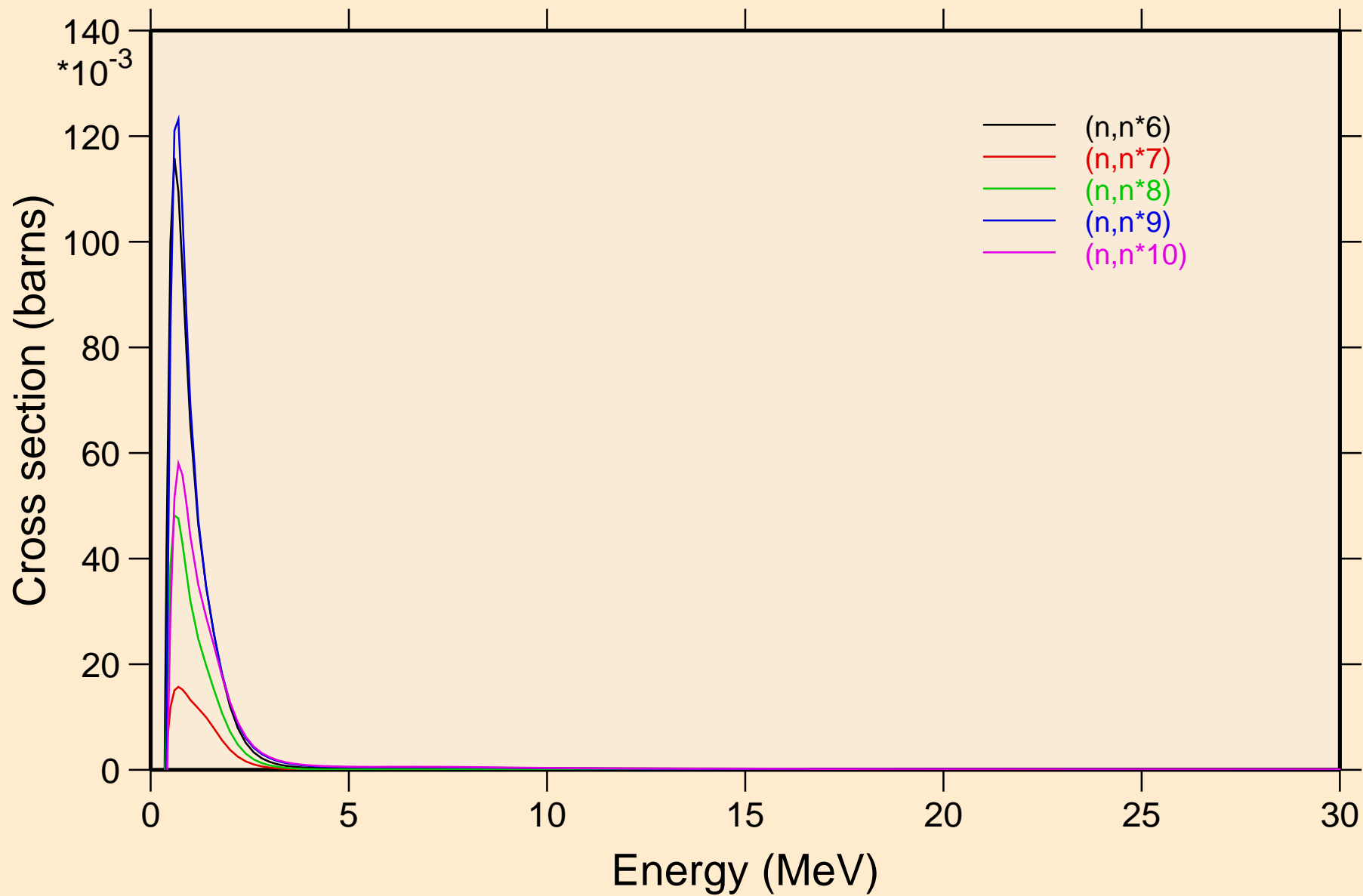




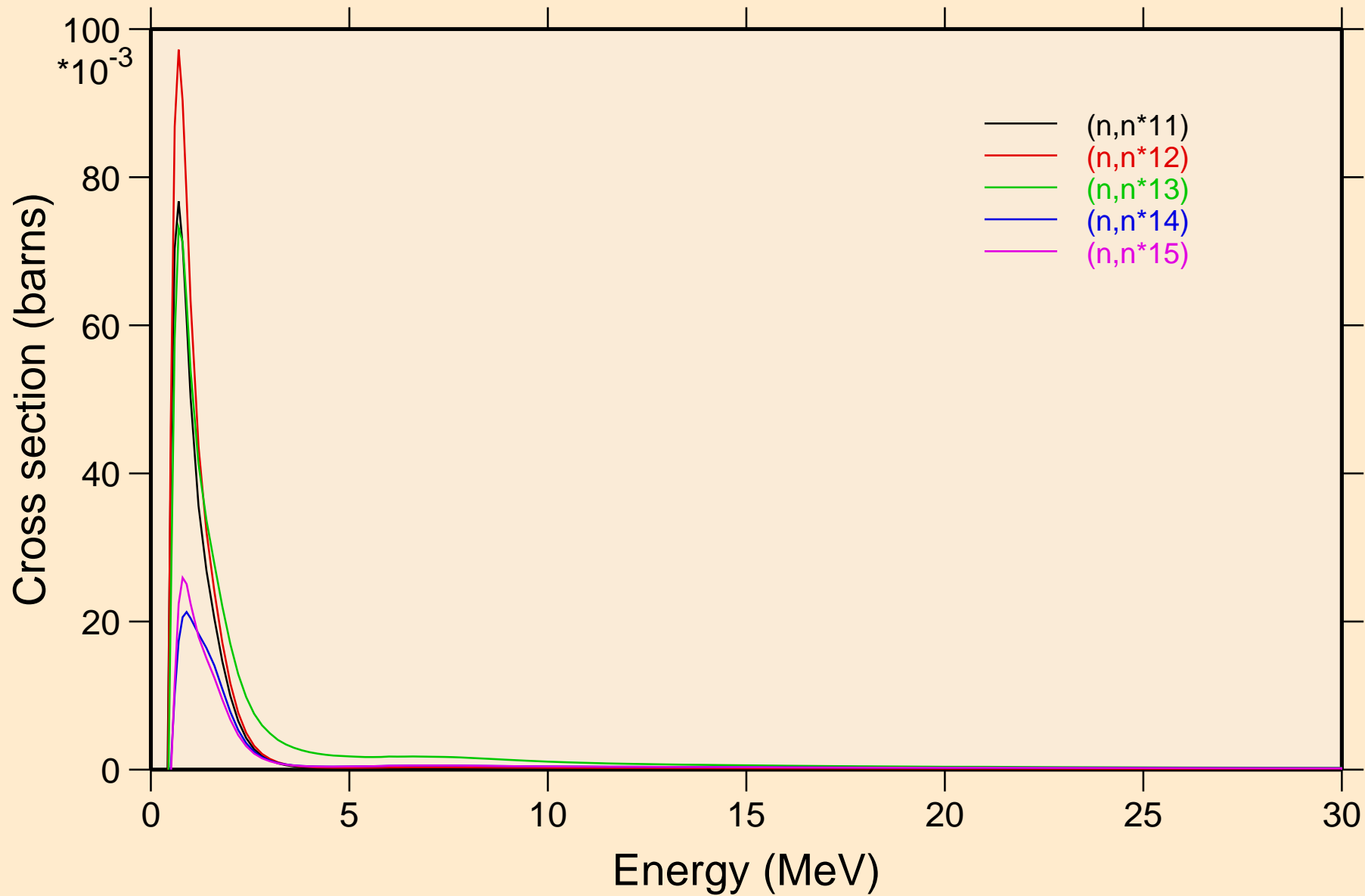
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



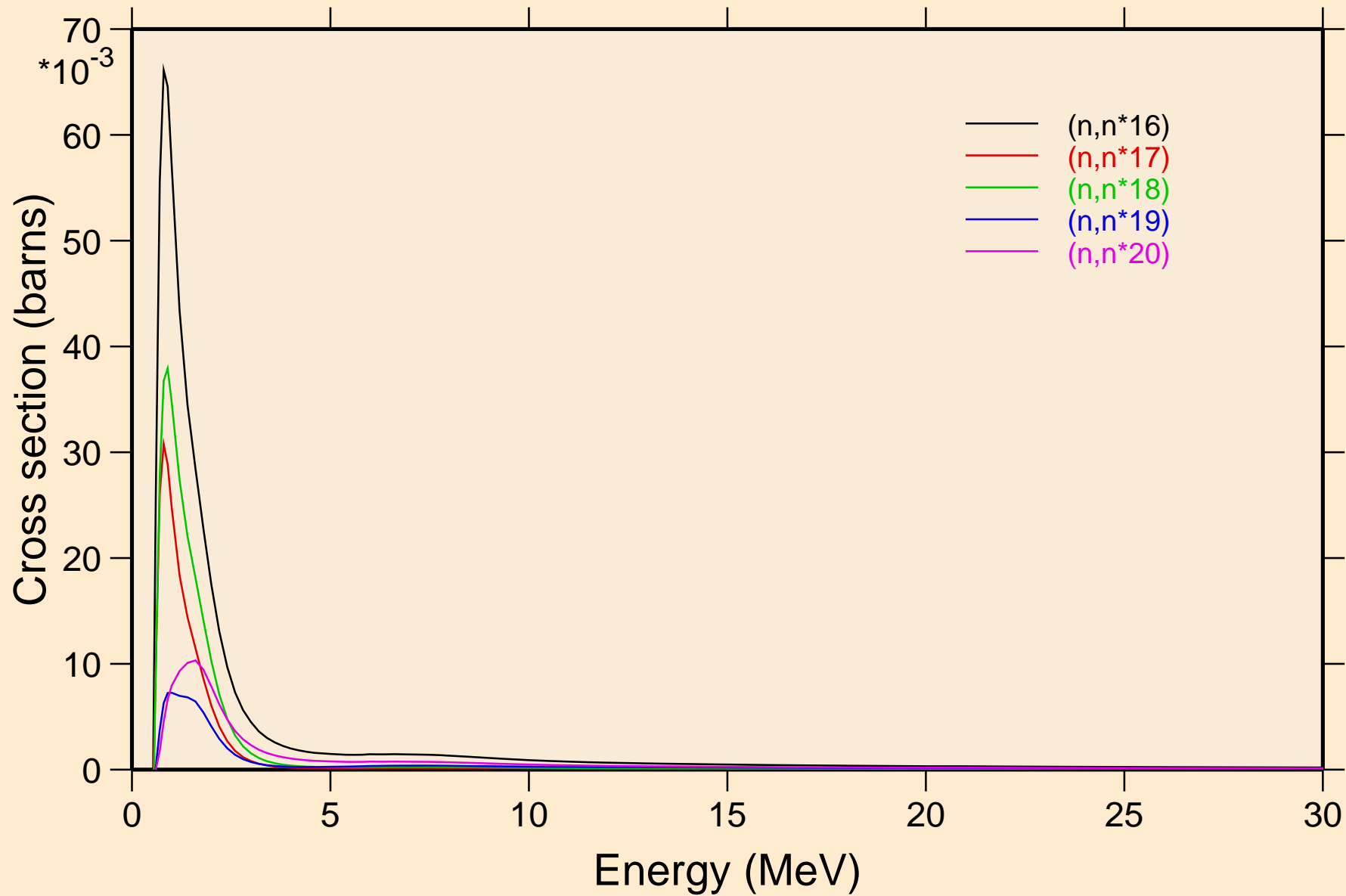
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



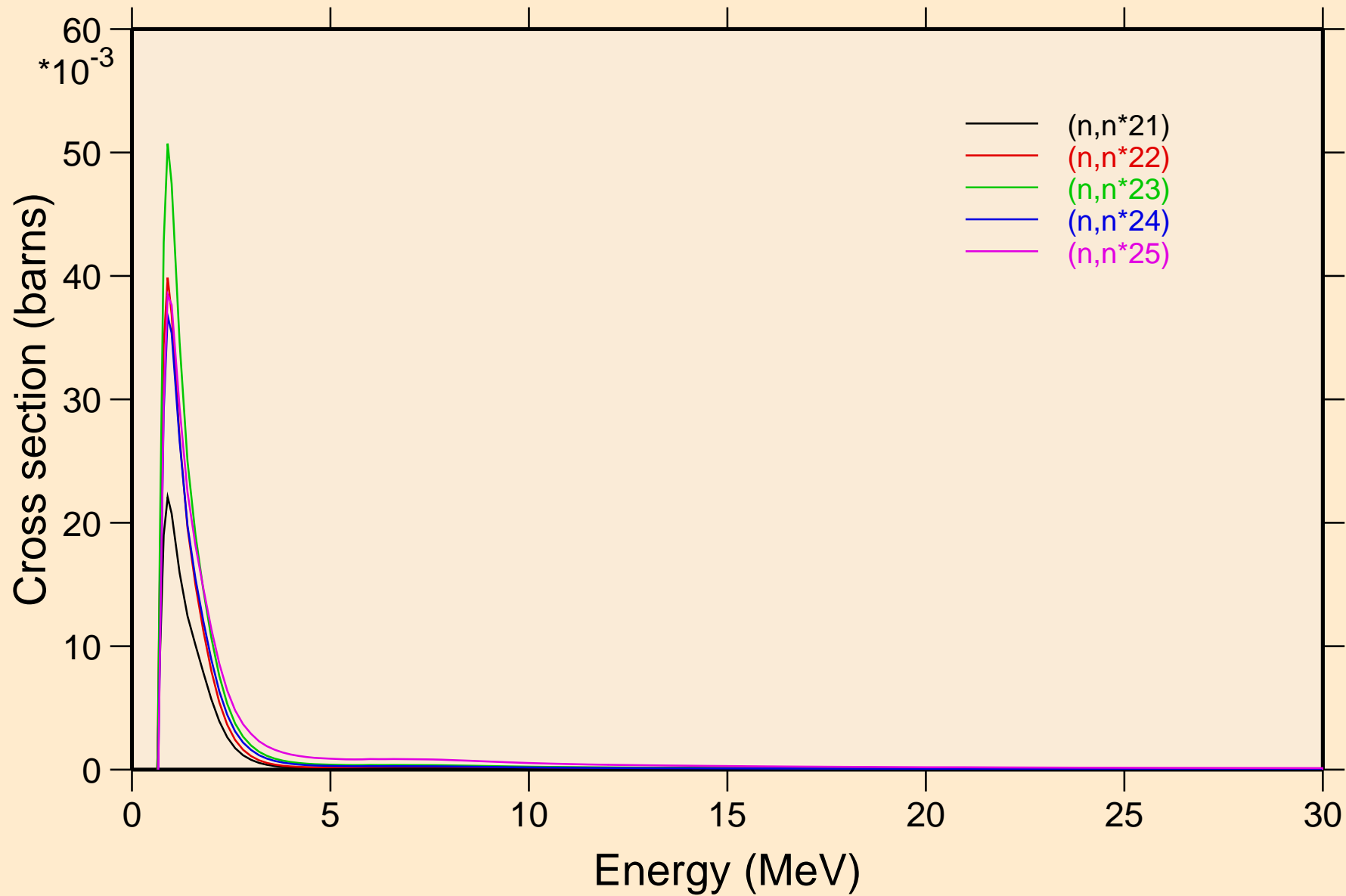
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



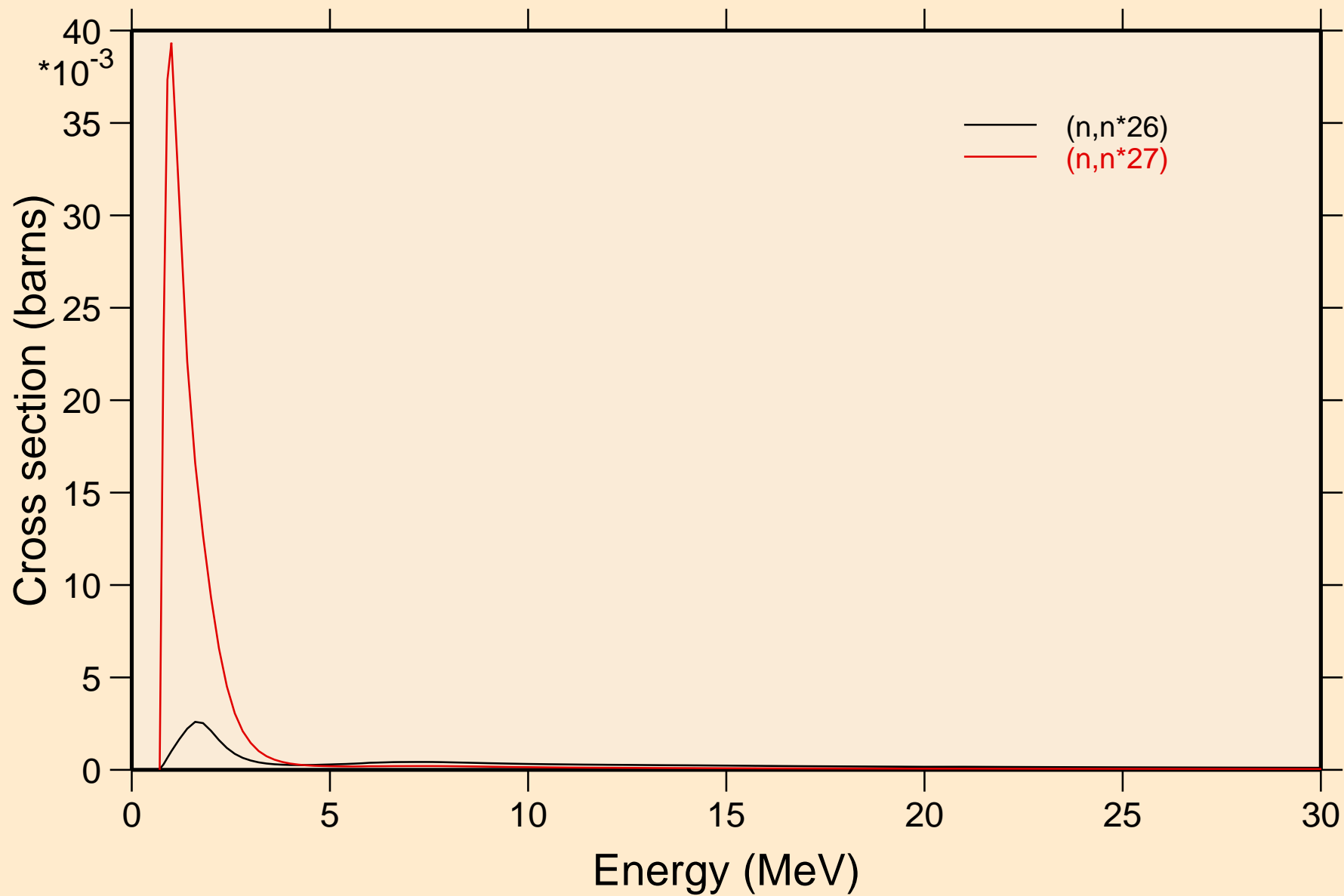
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

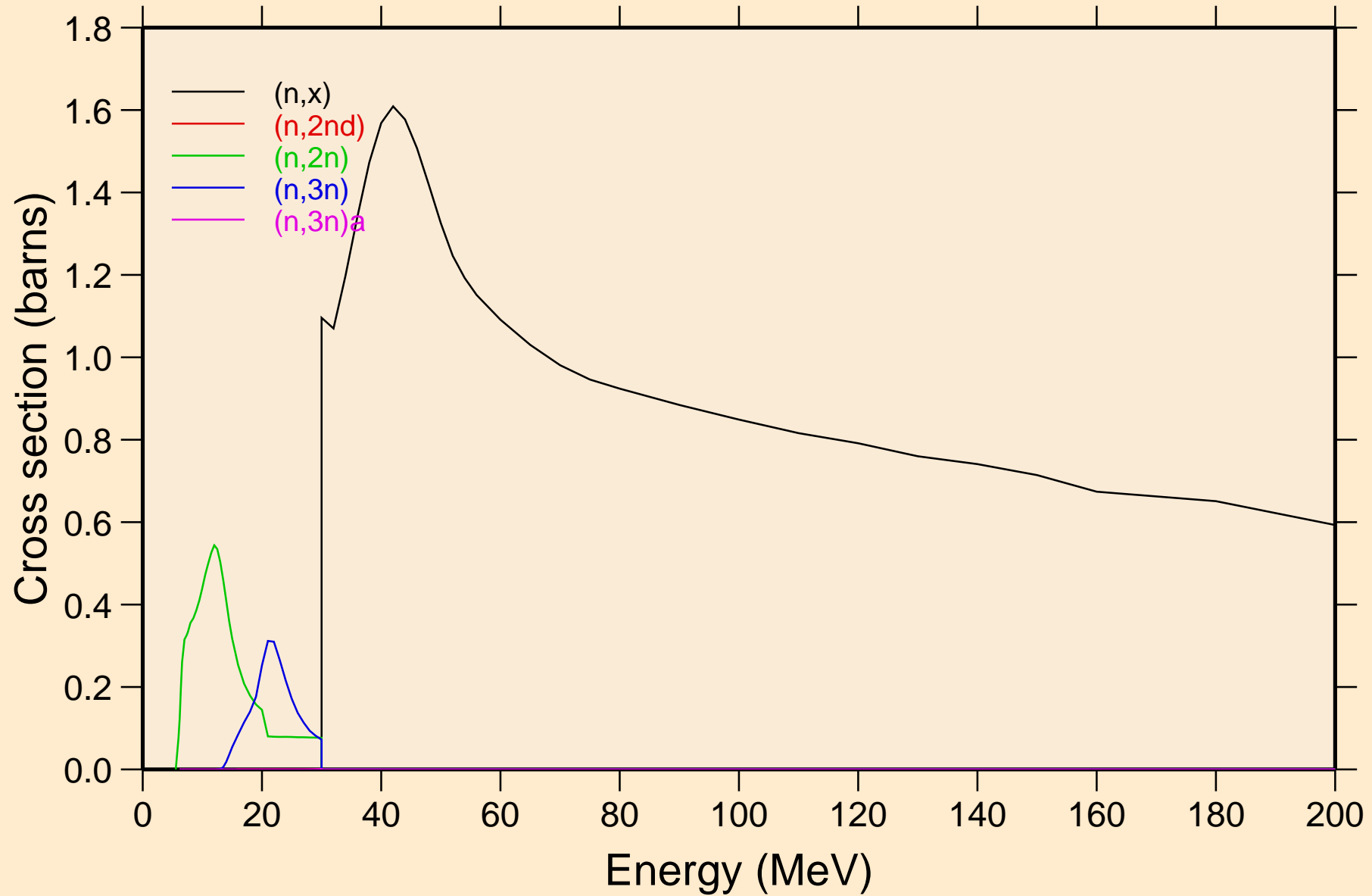


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



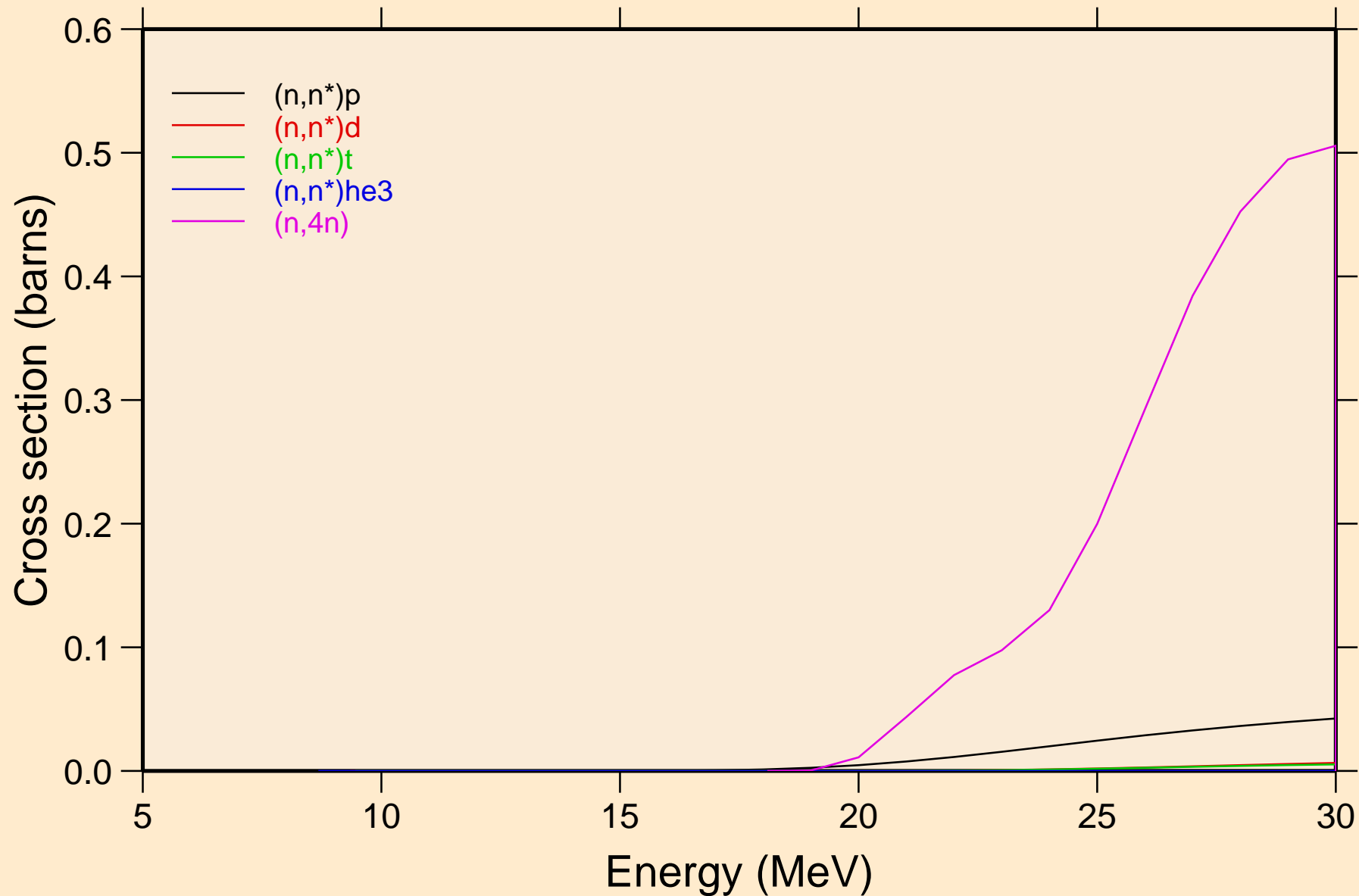
# CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

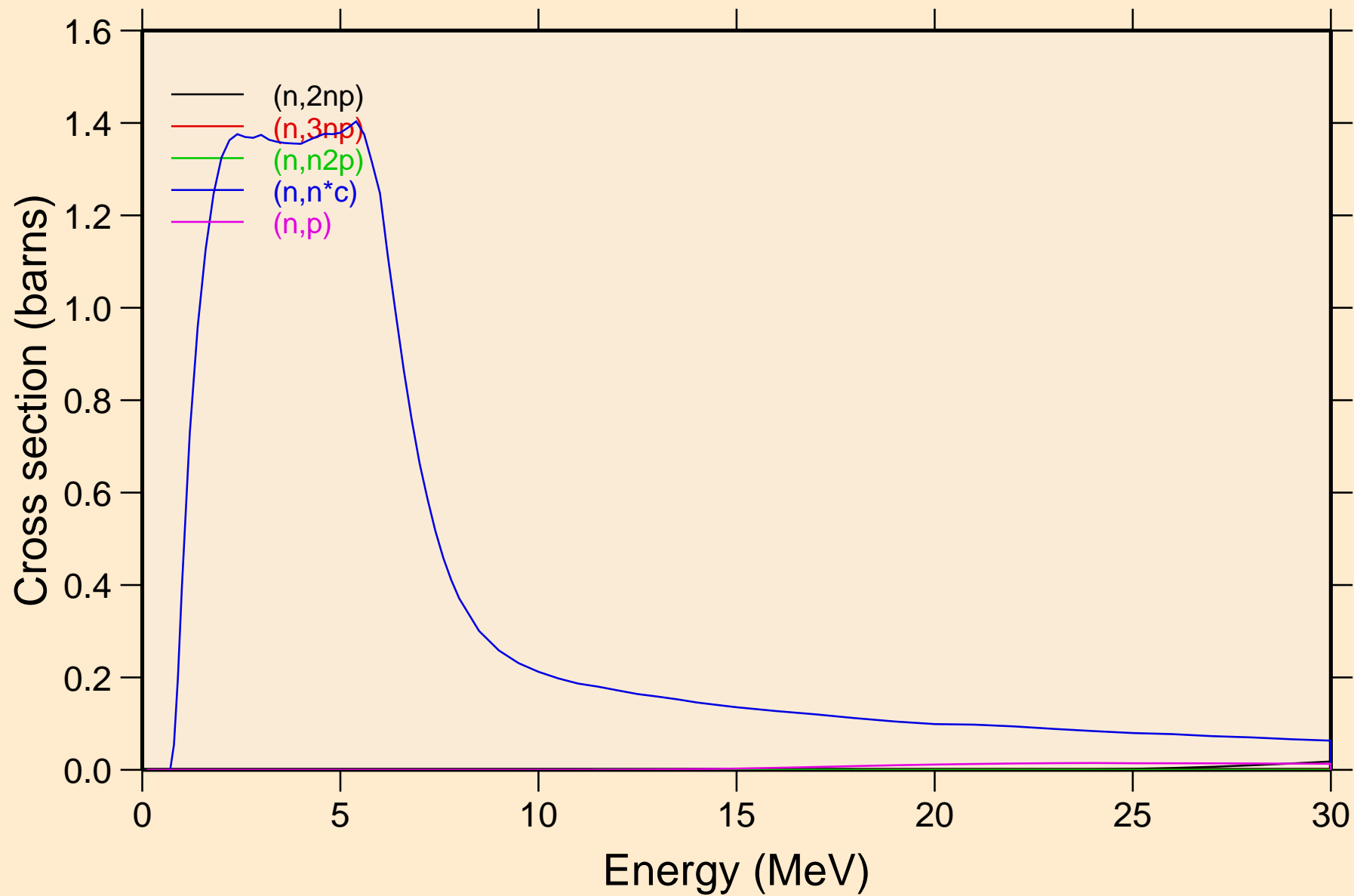
## Threshold reactions



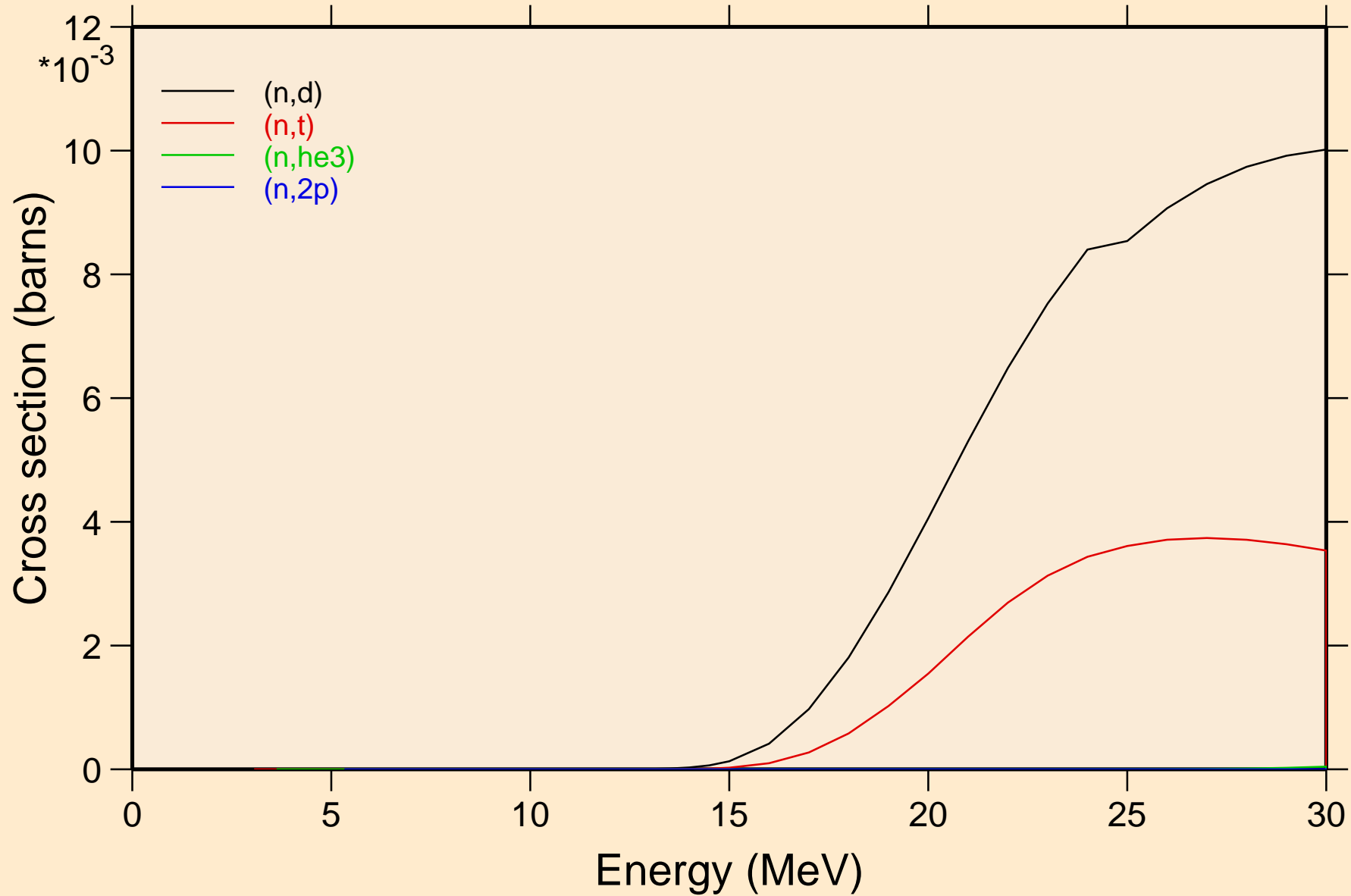


# CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

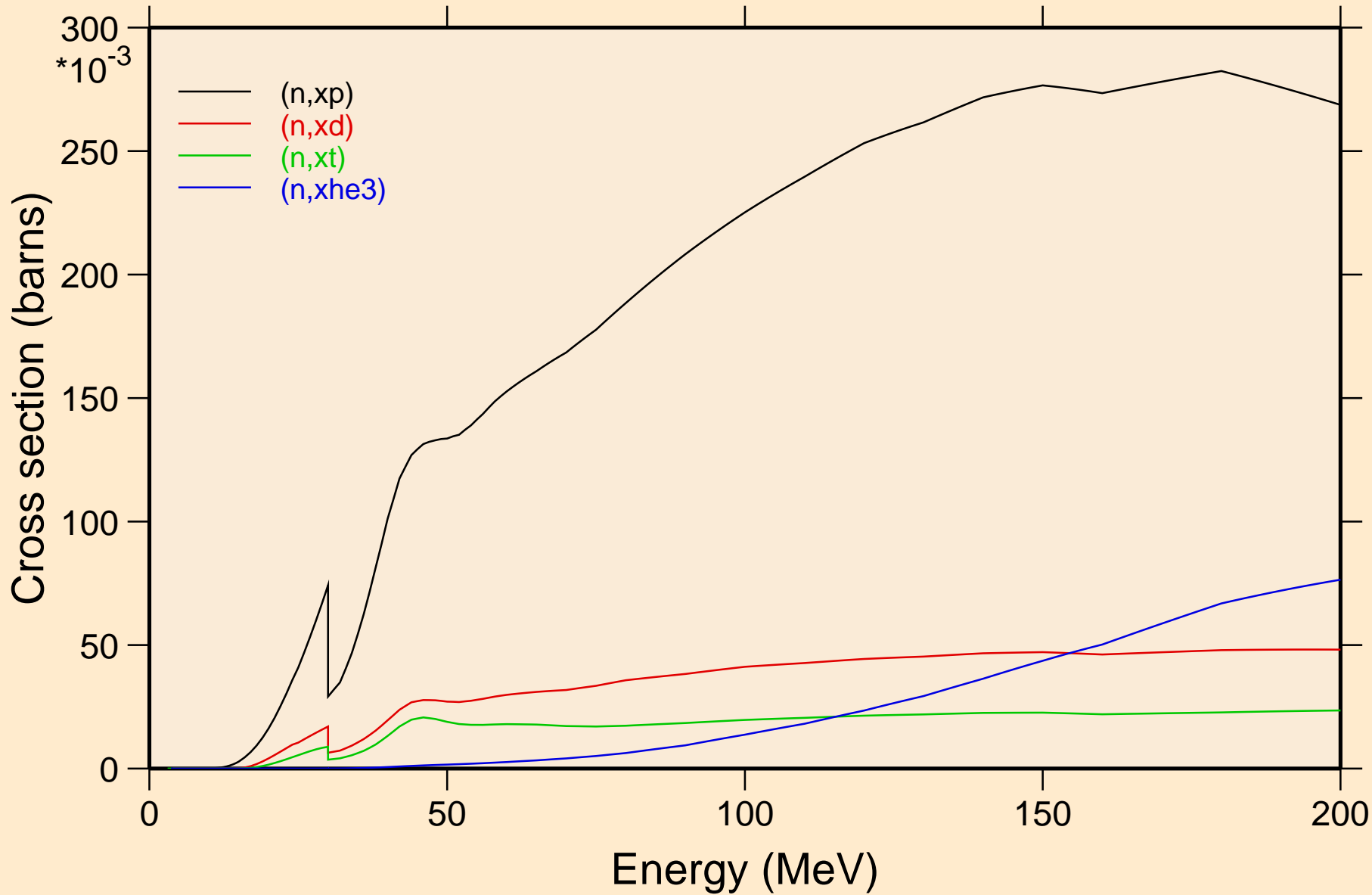


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

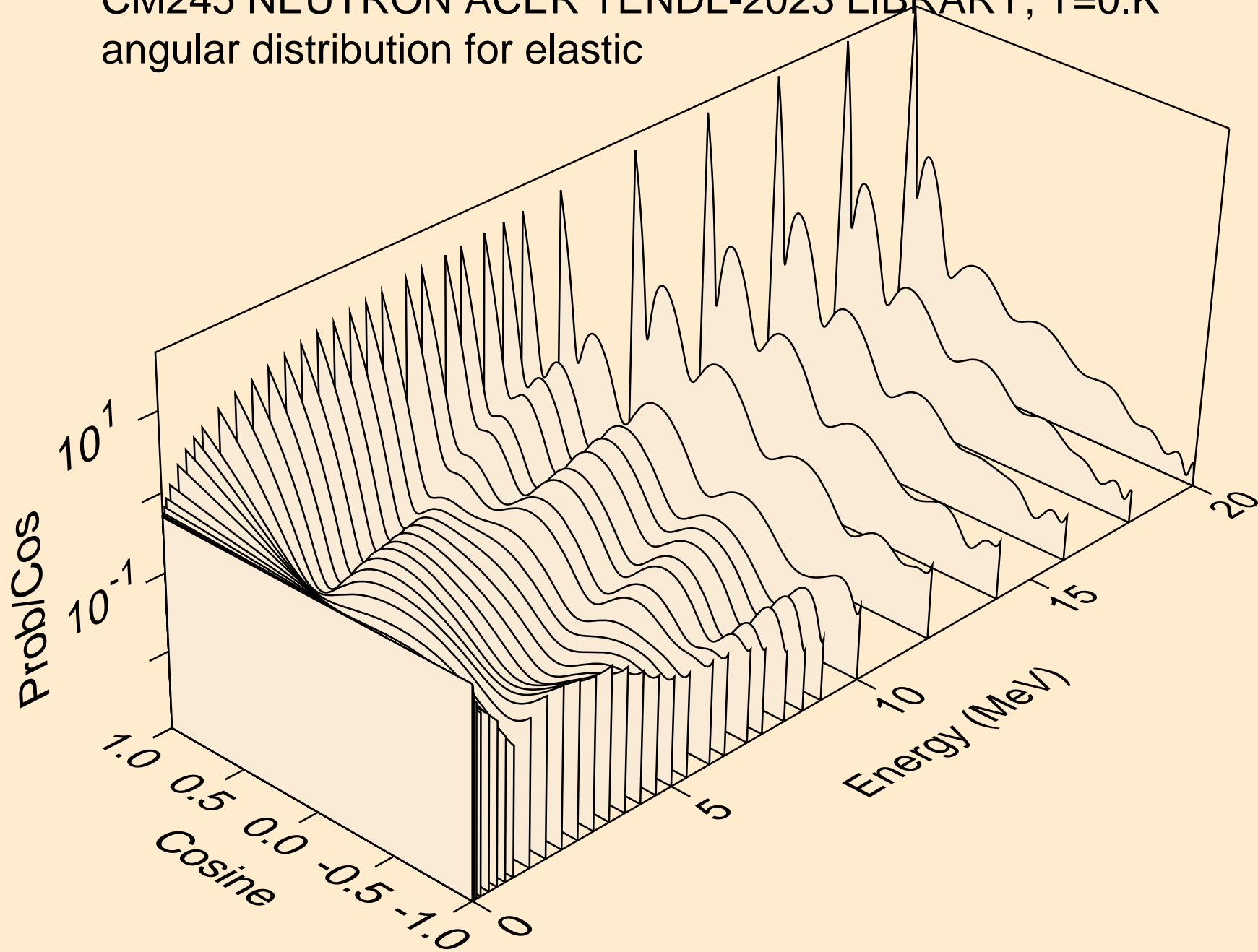


# CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

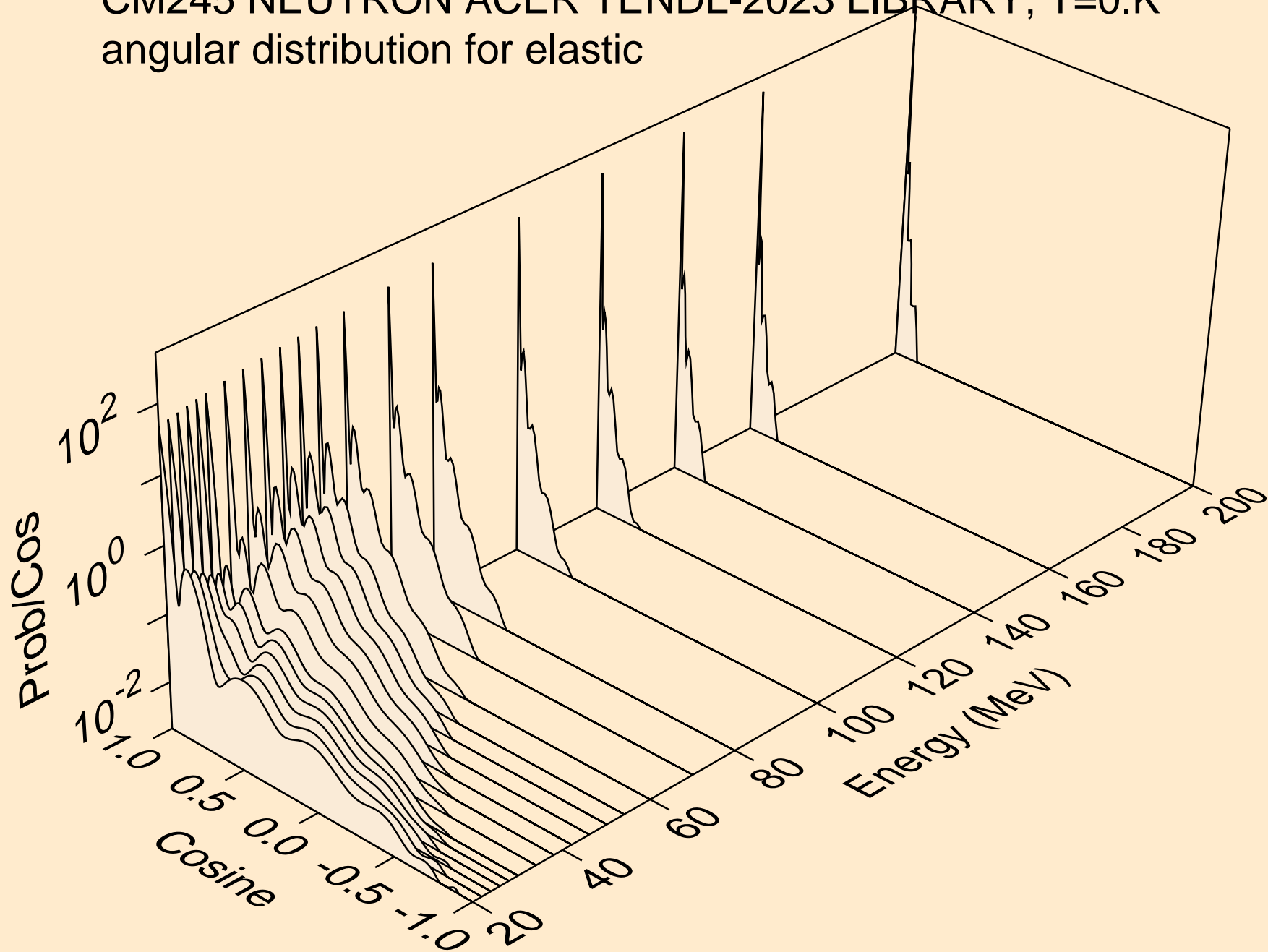
## Threshold reactions



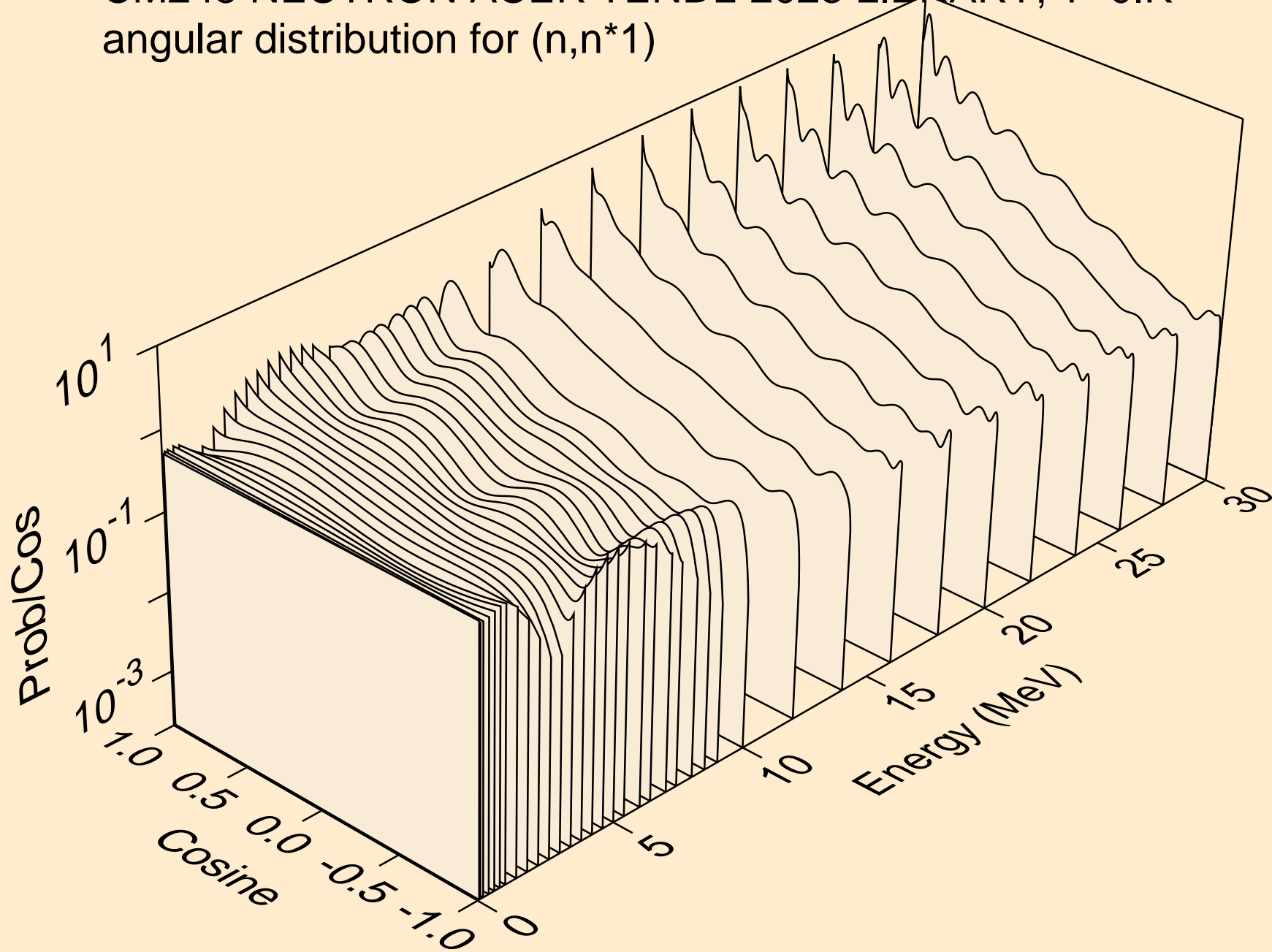
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



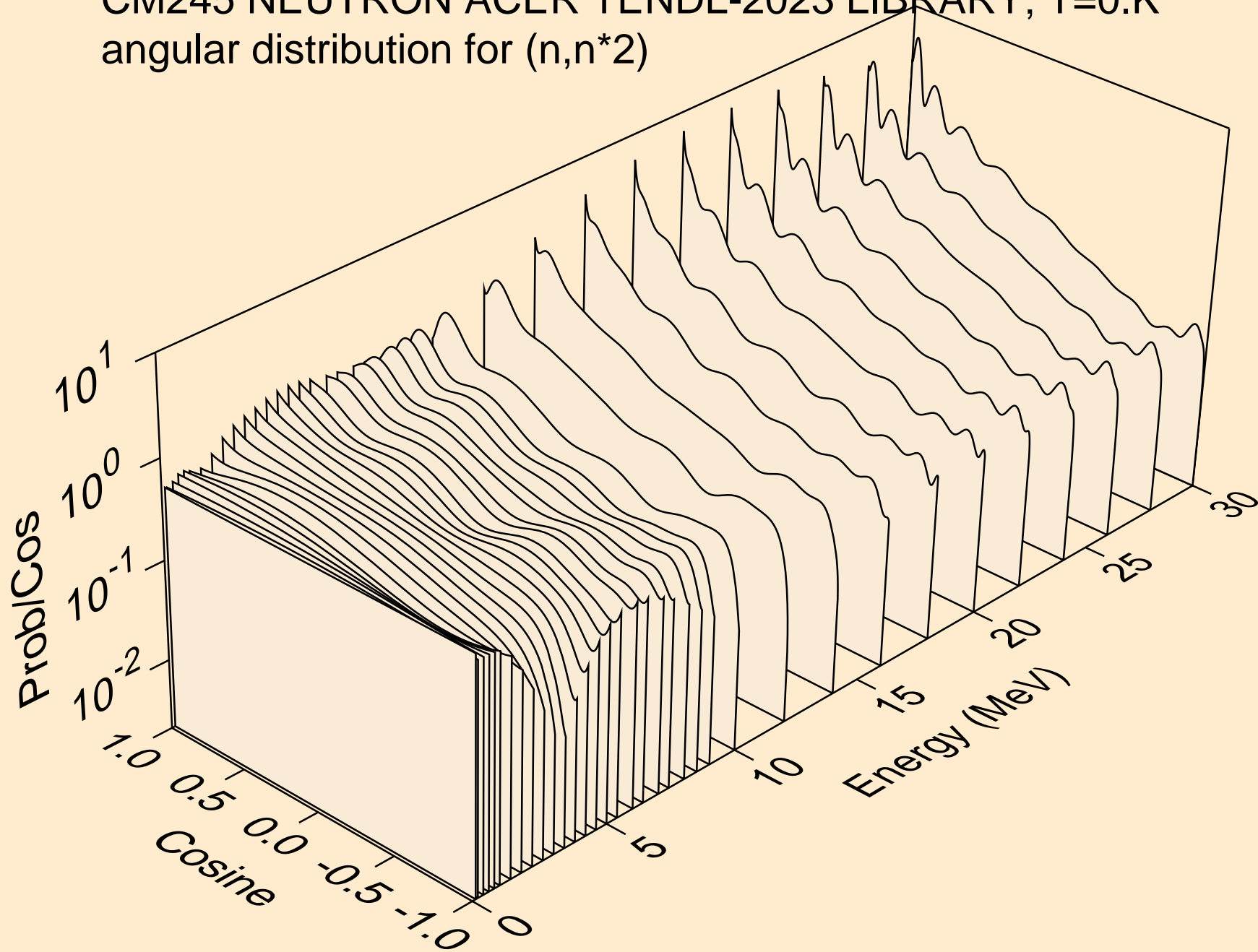
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



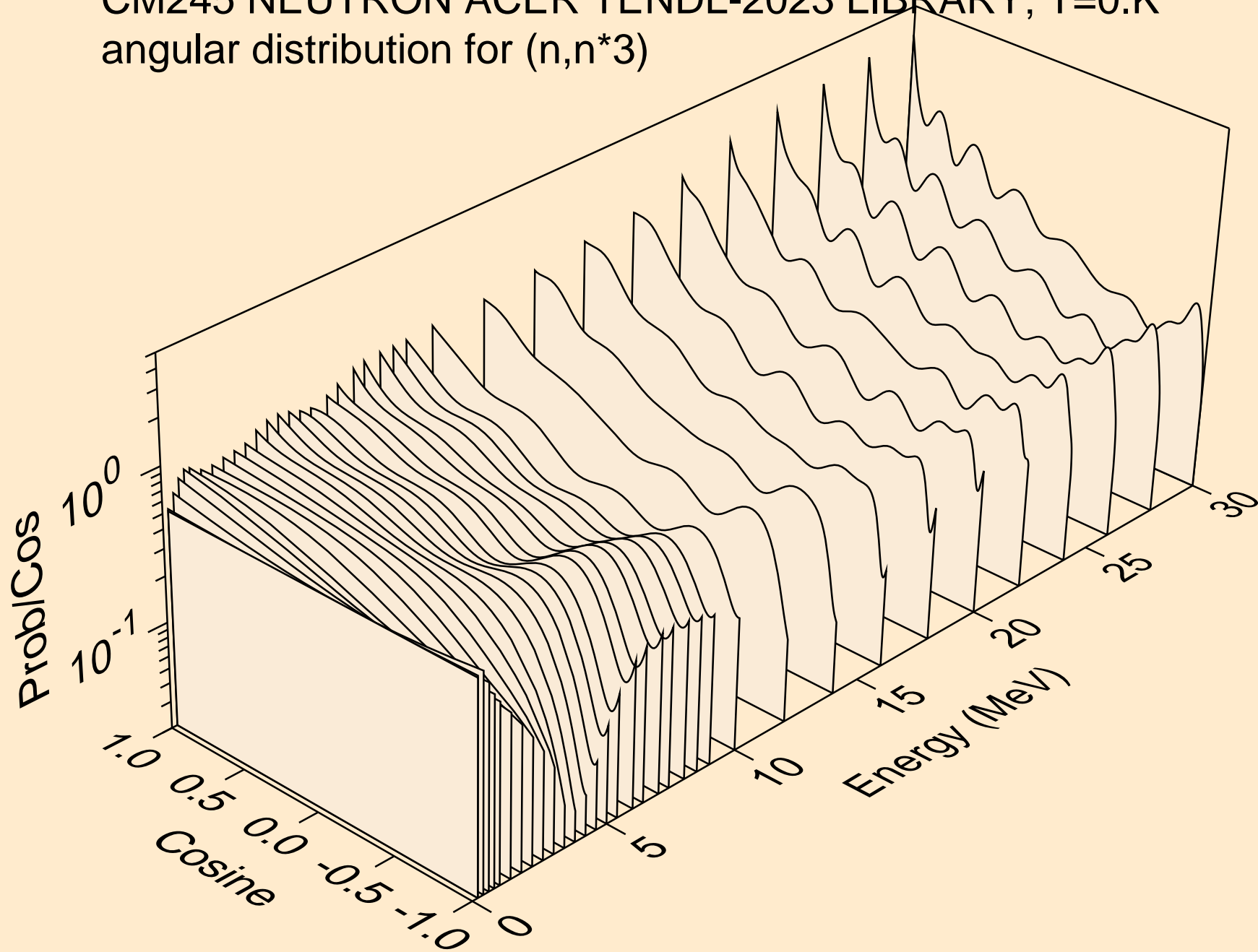
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

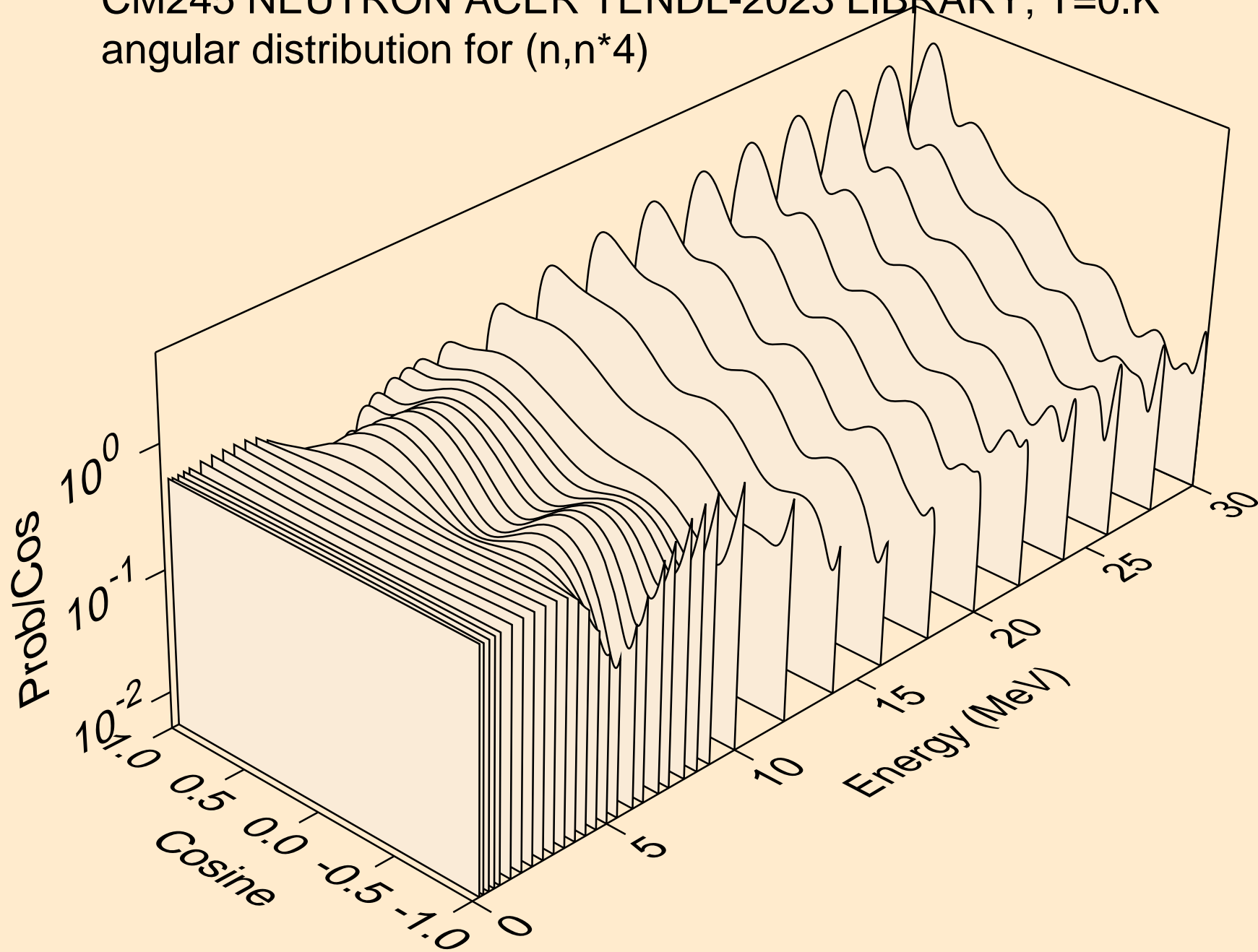


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

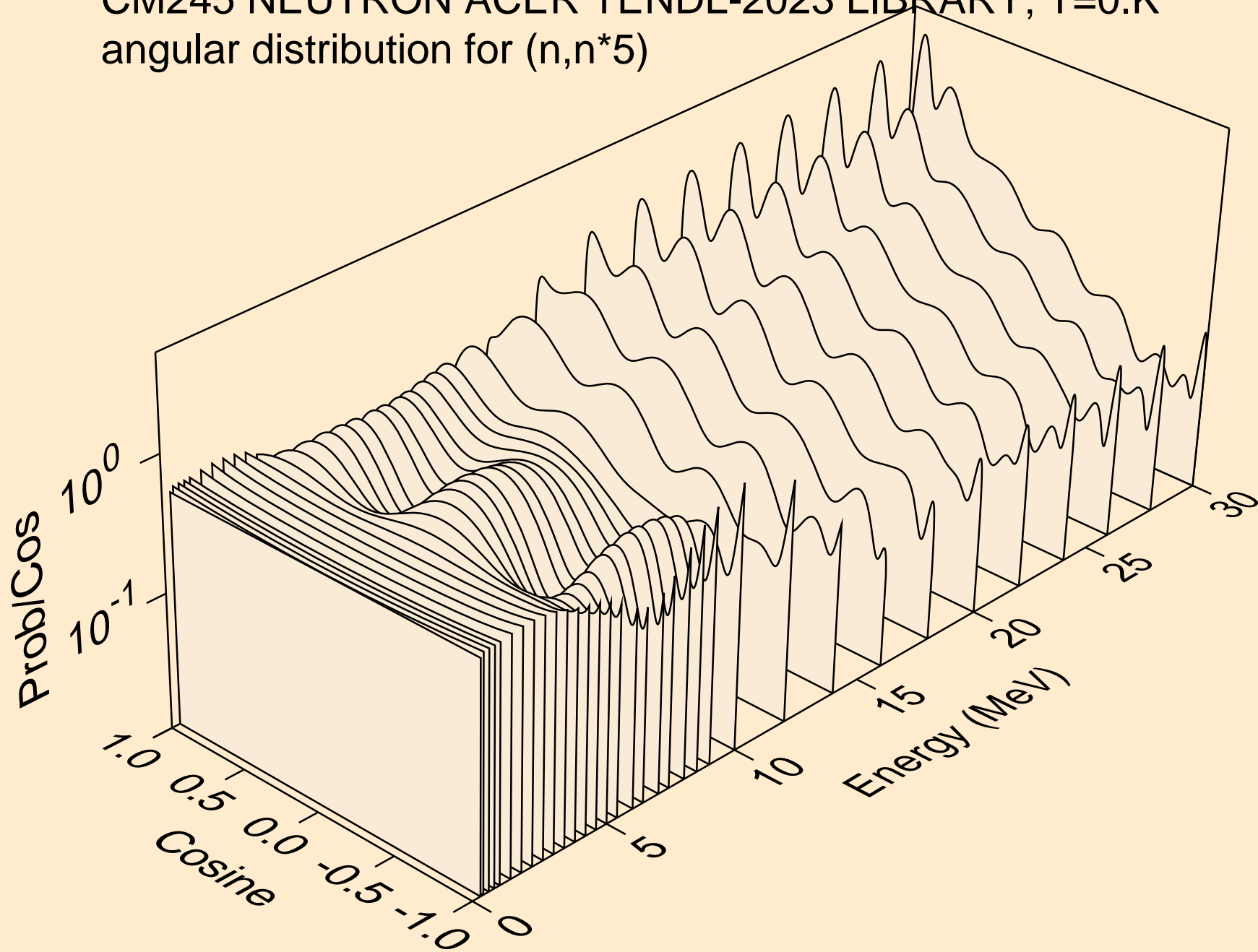




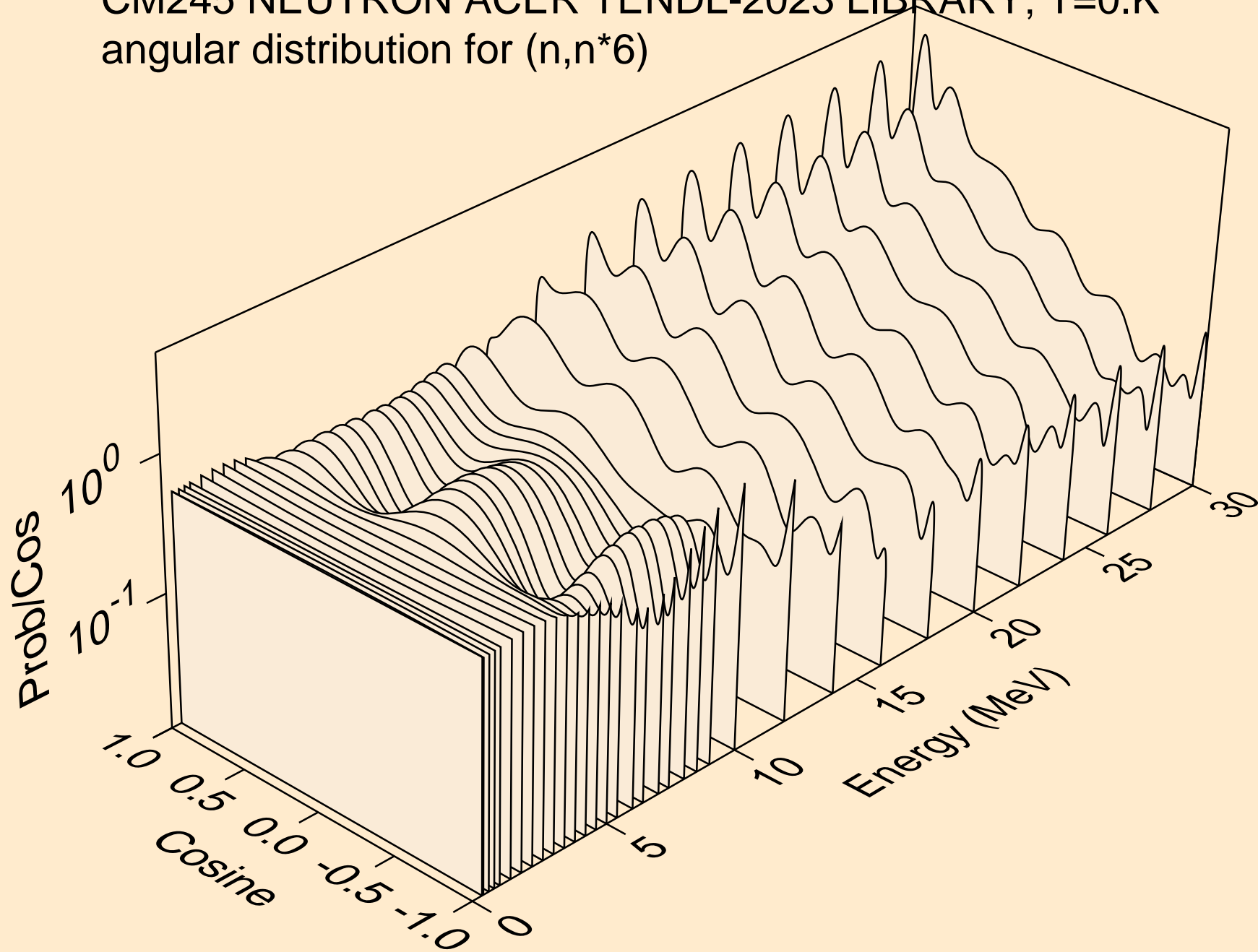
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



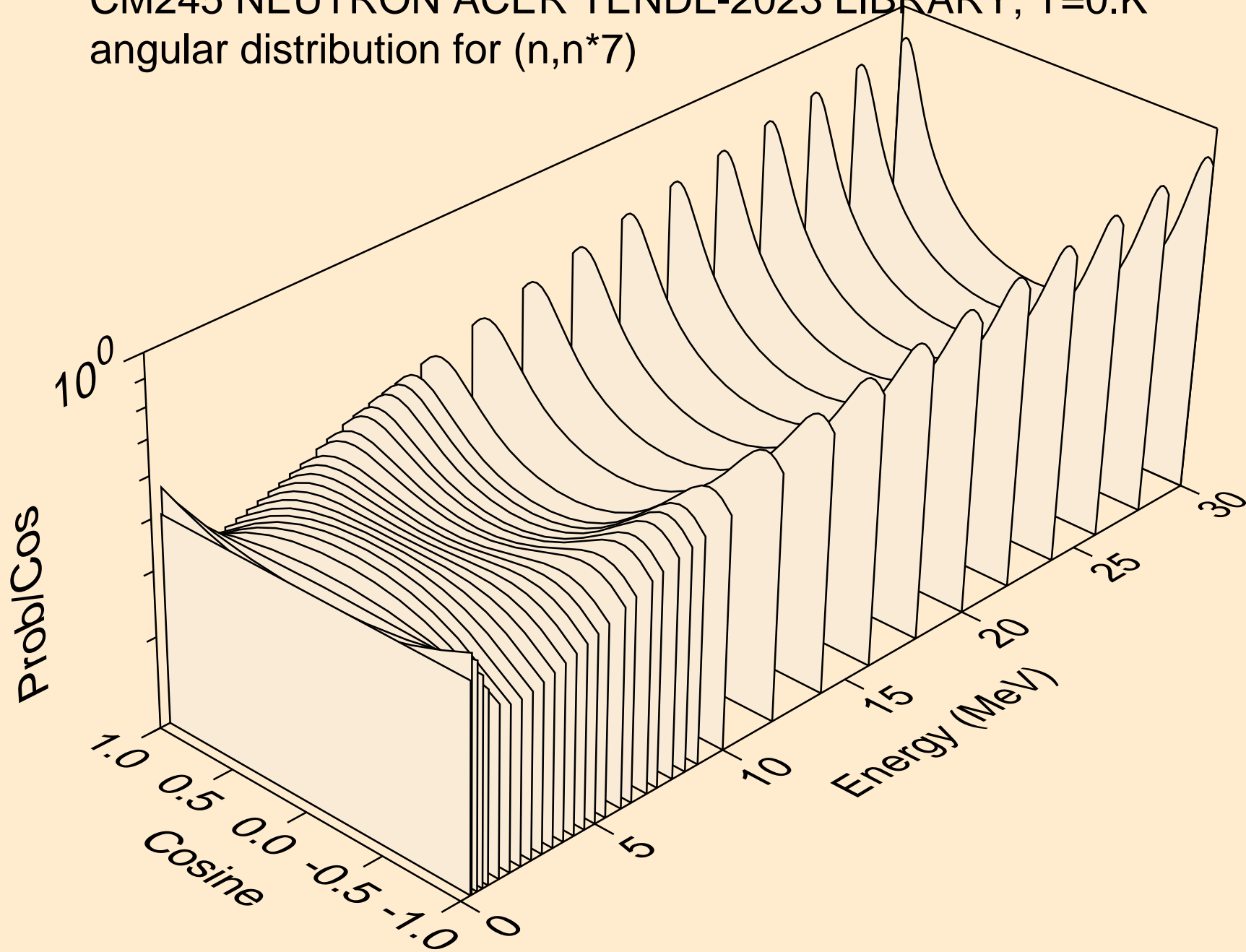
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



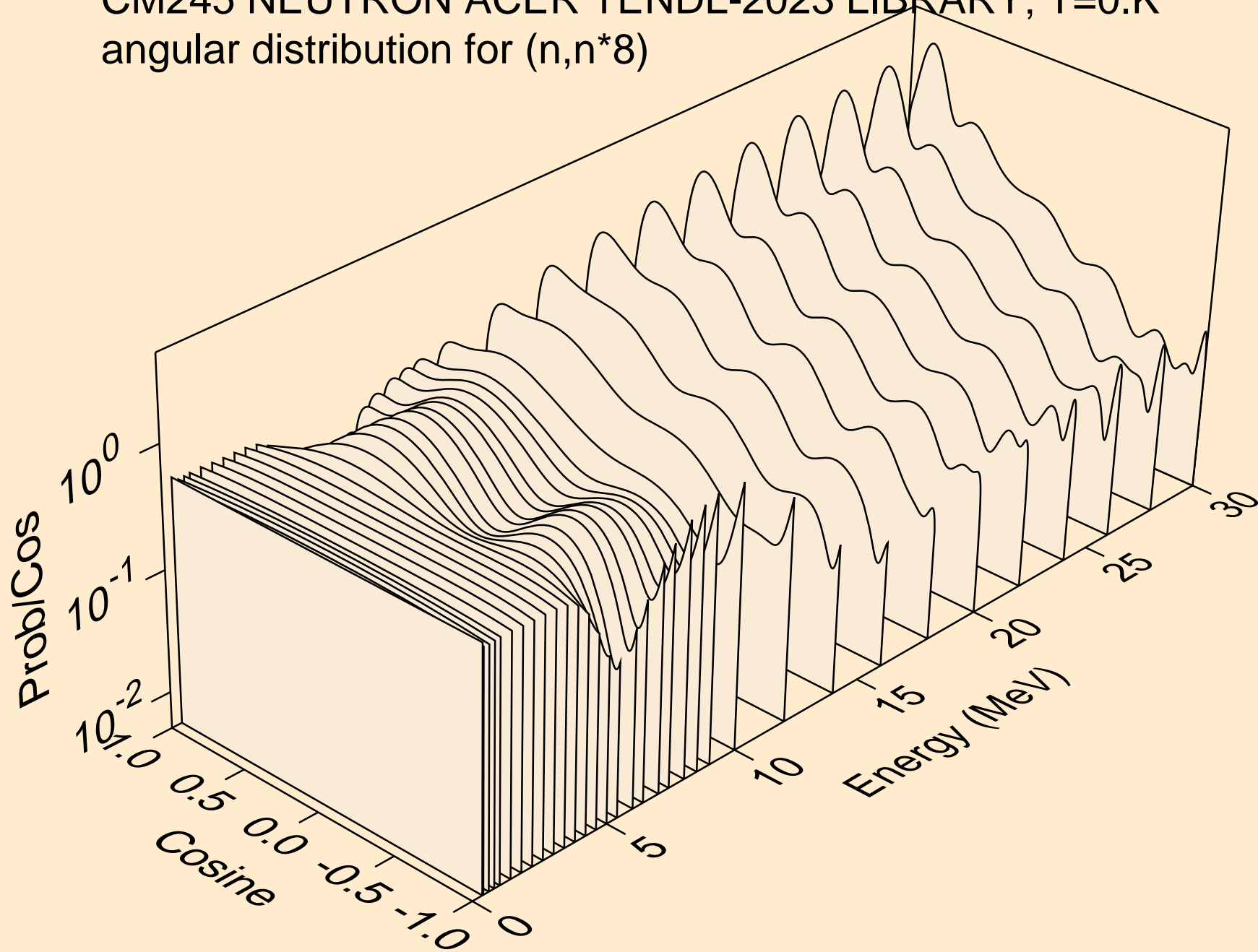
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



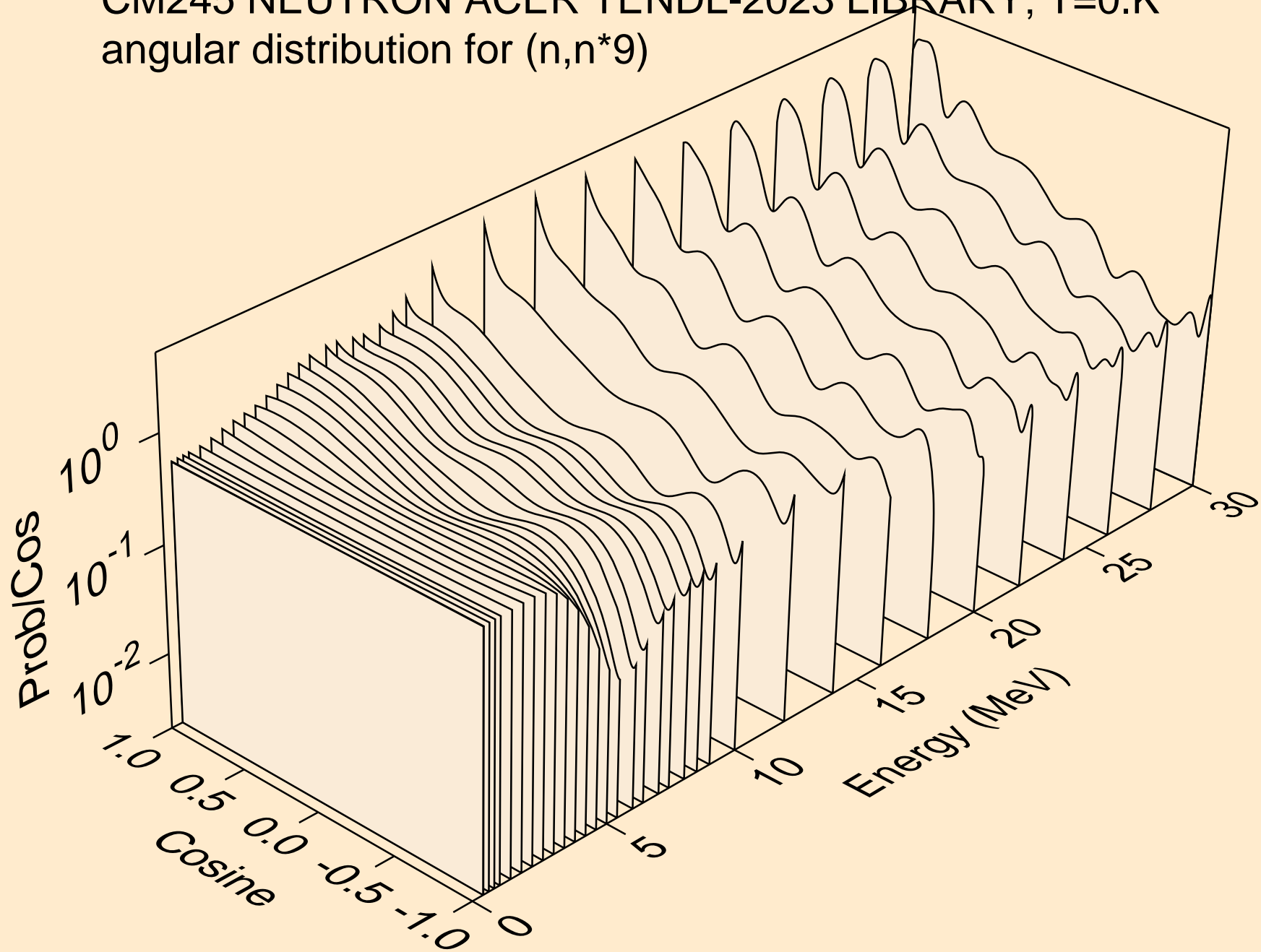
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



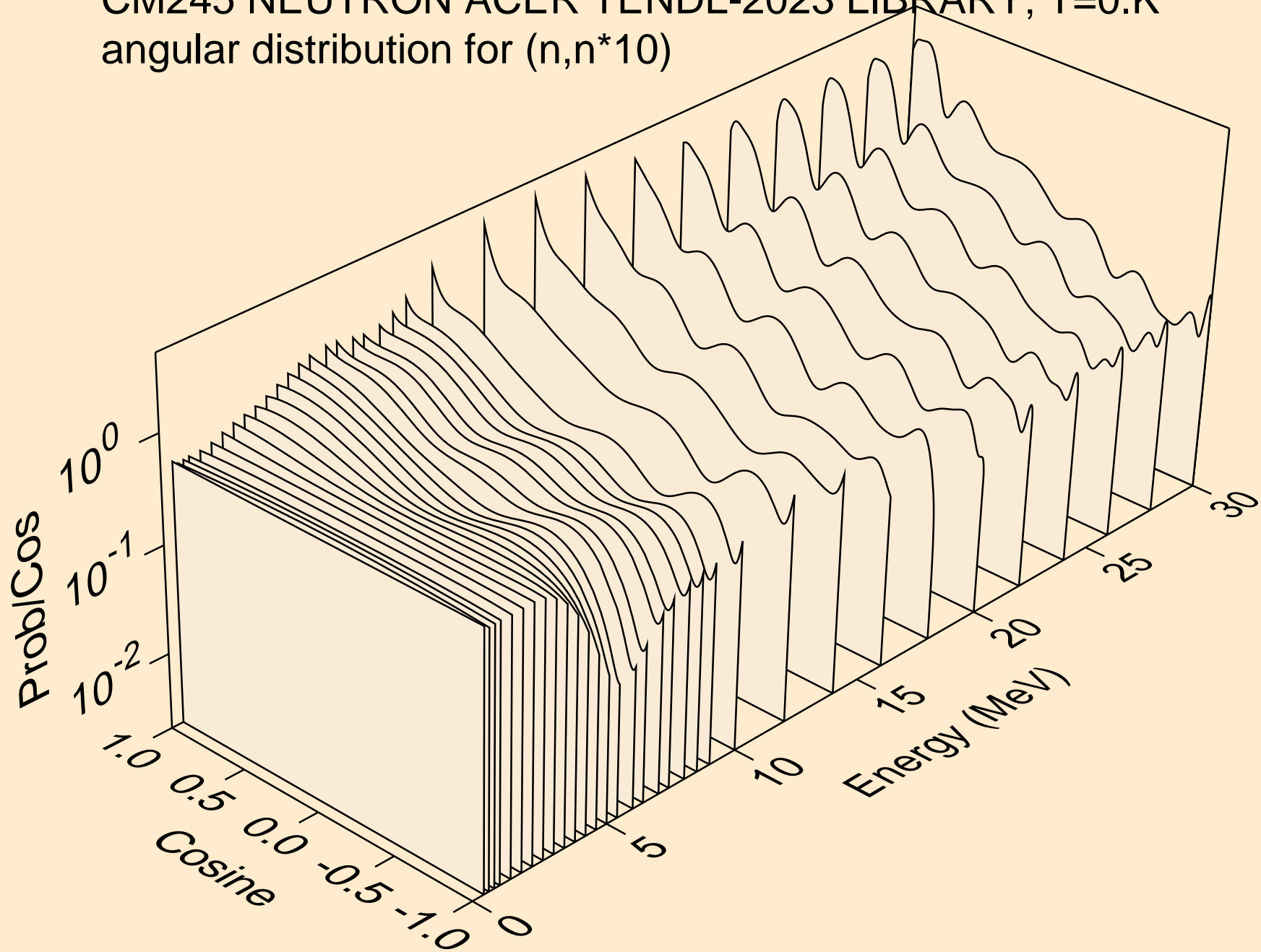
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)

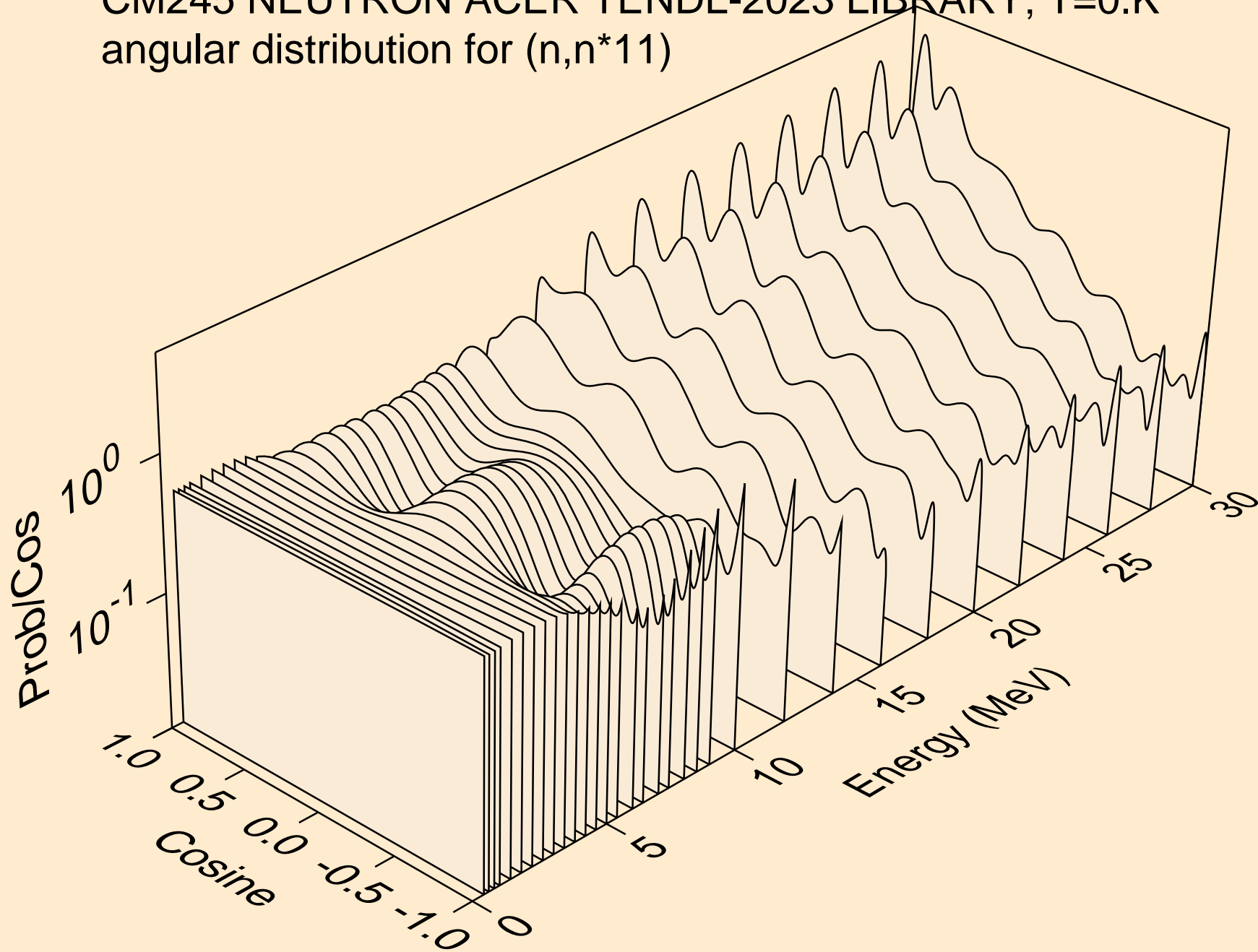


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



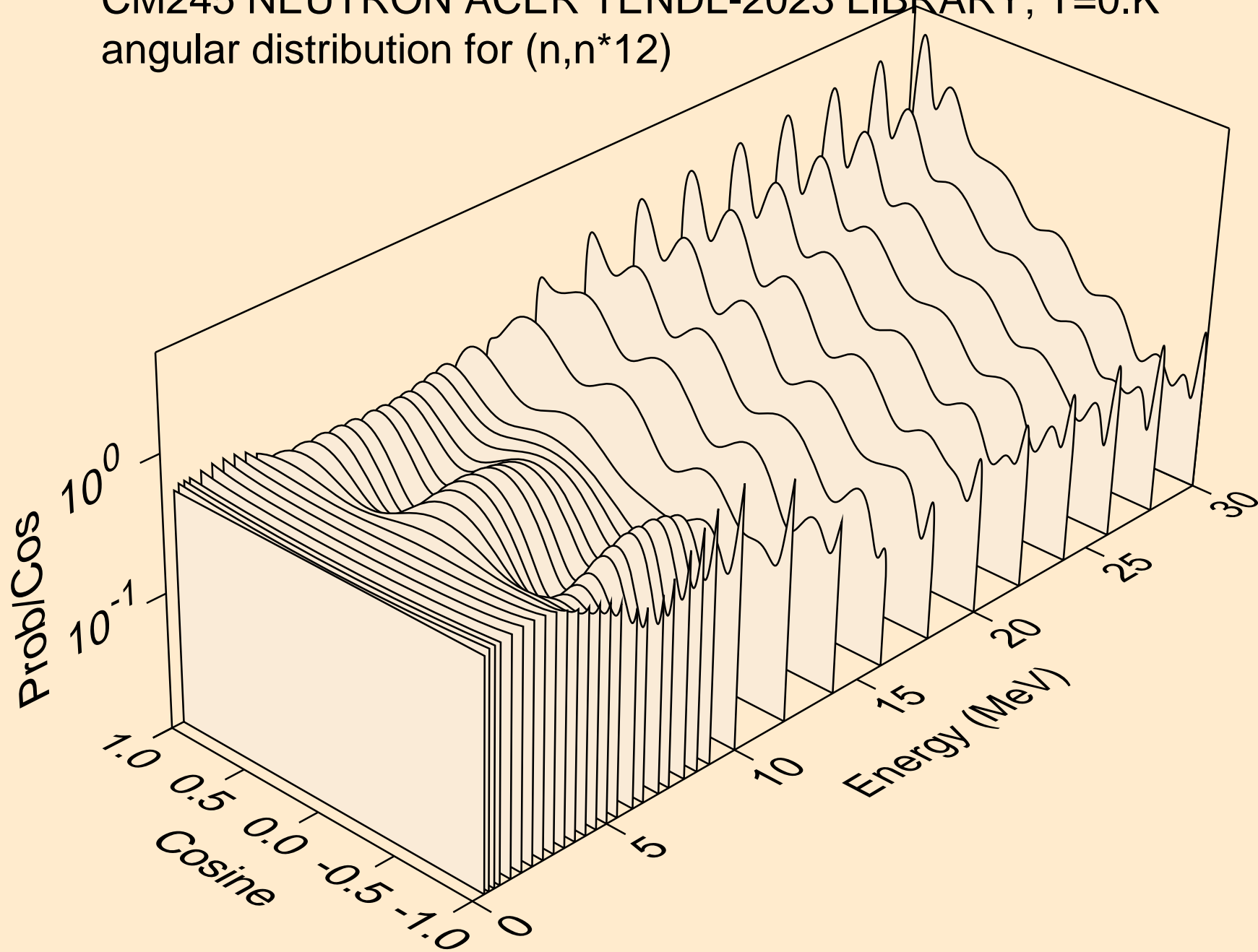


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

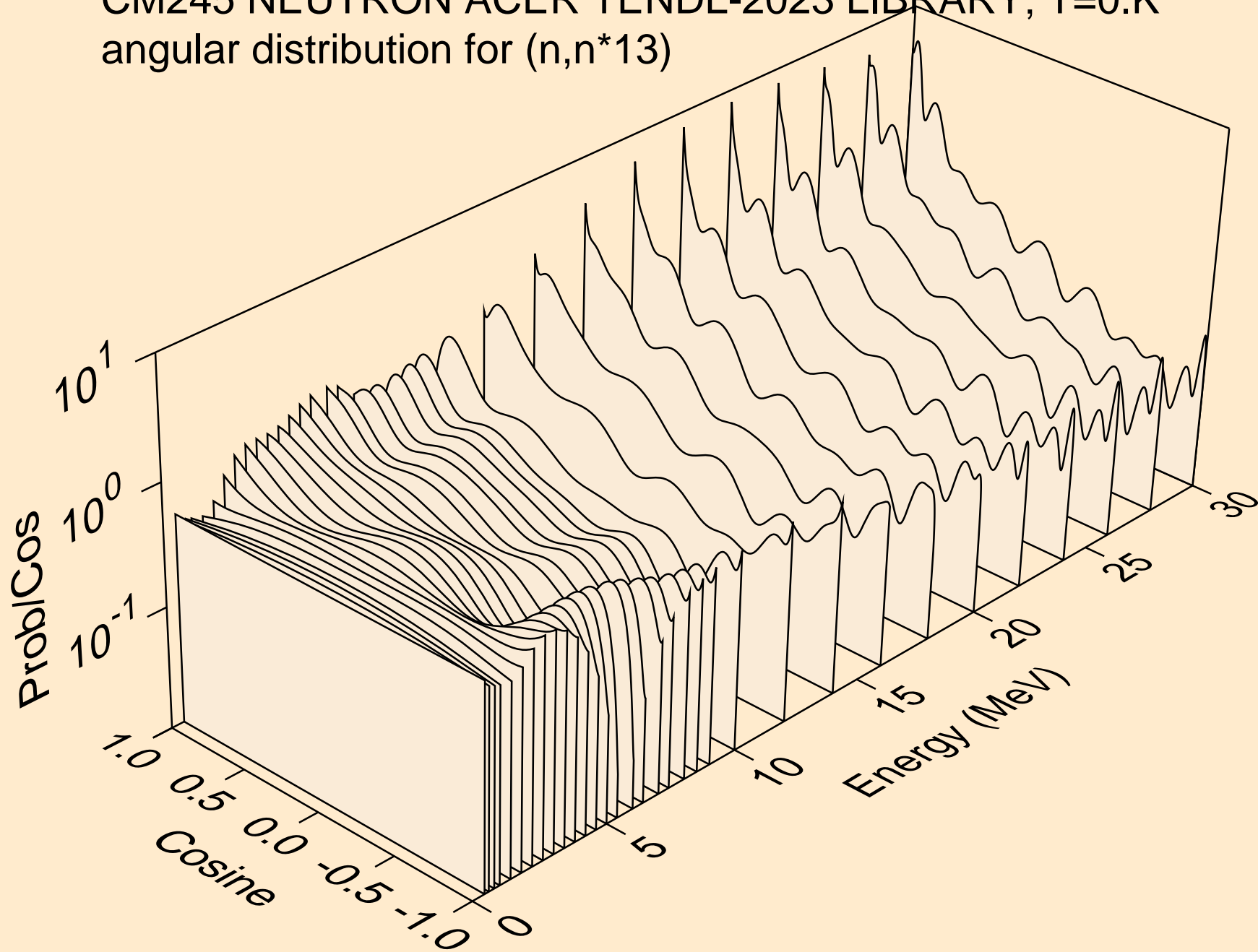




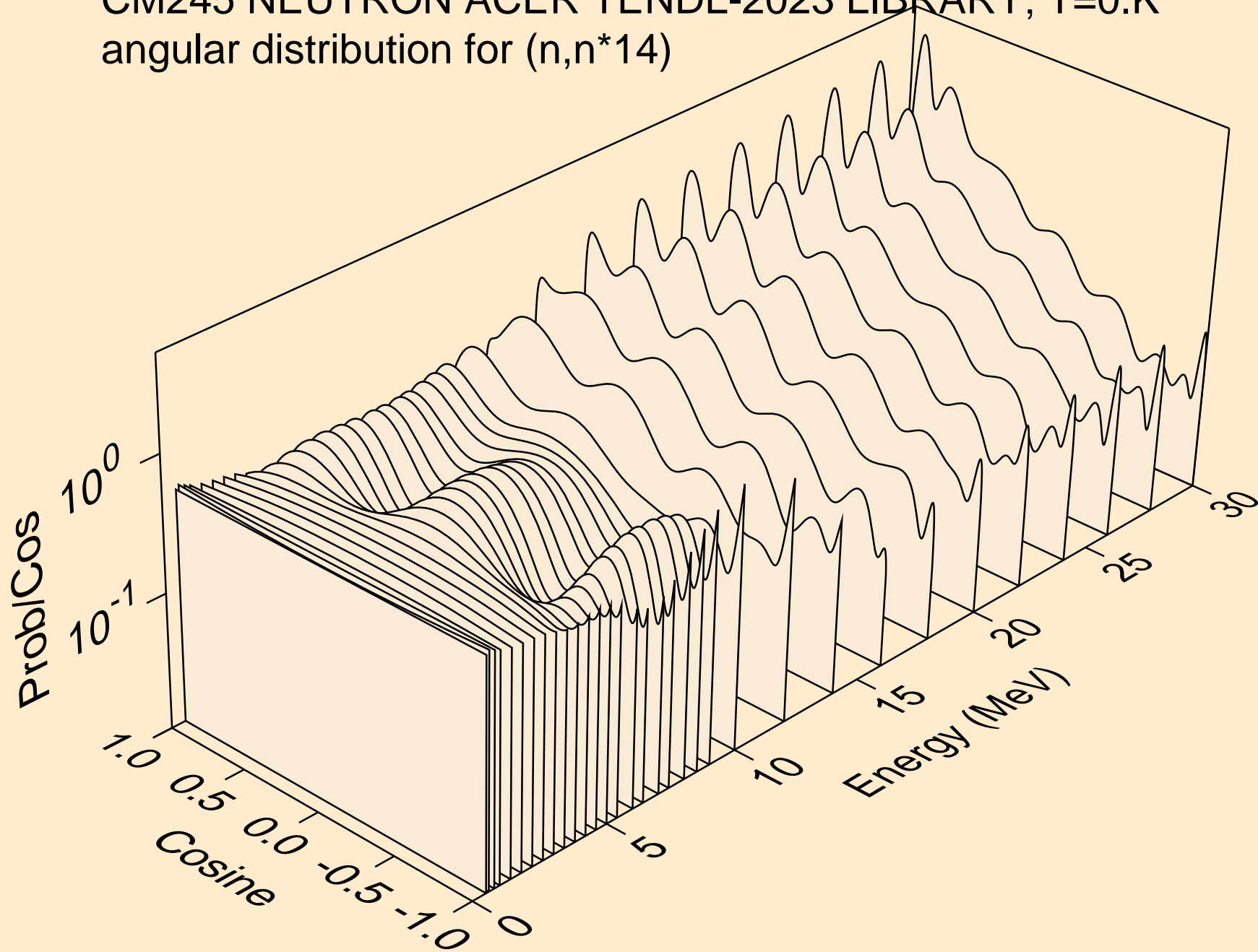
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



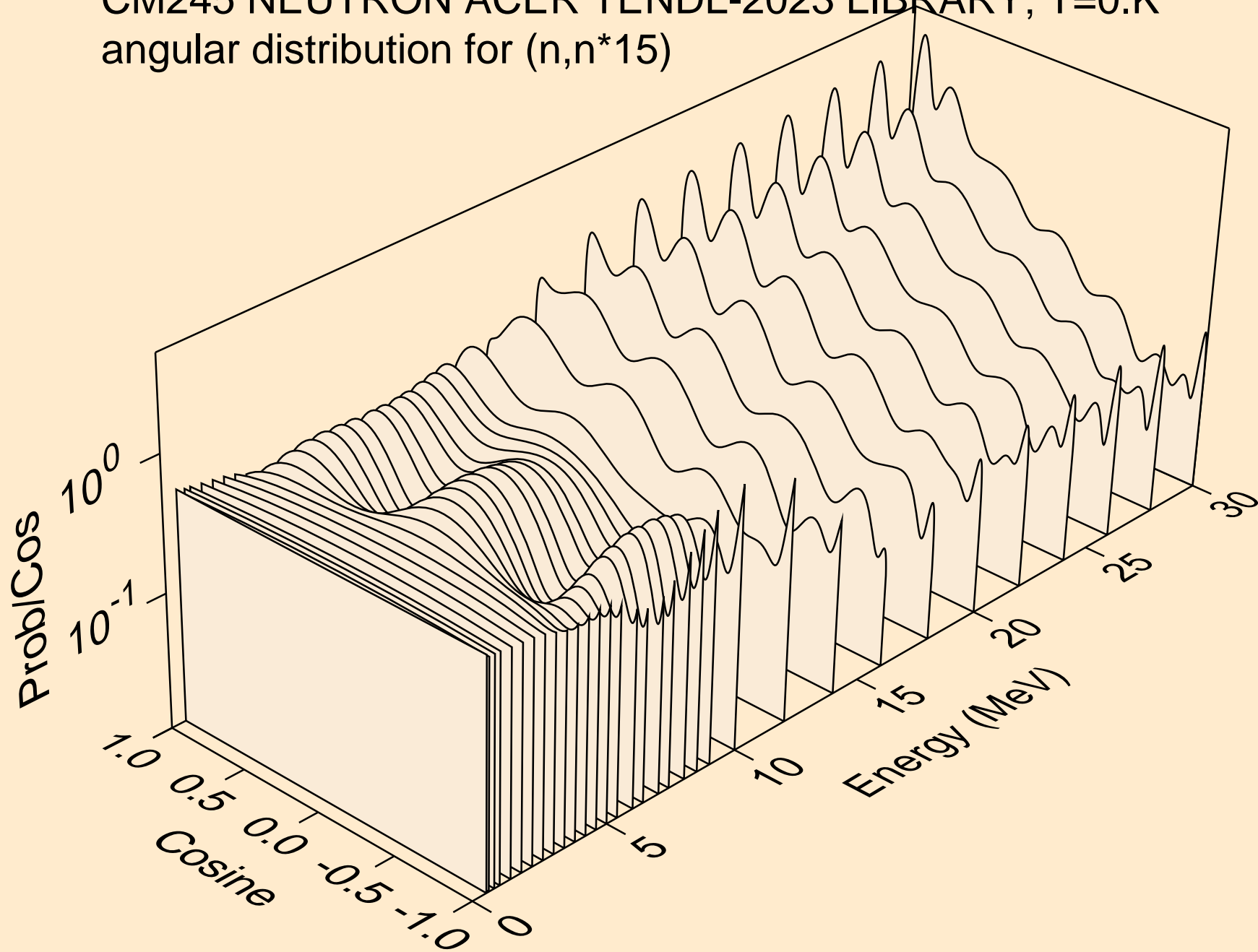
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angular distribution for (n,n\*13)



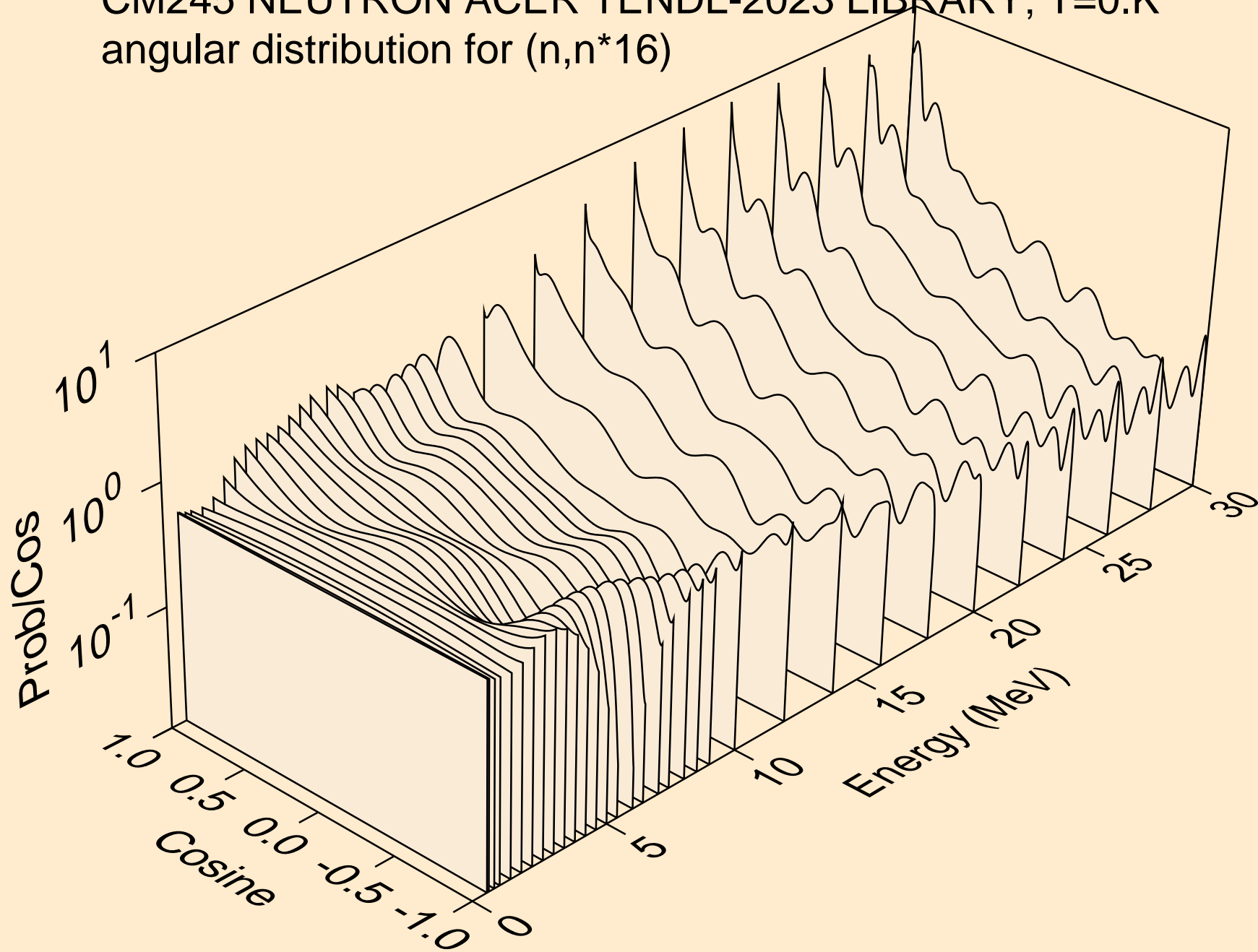
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angular distribution for (n,n\*14)



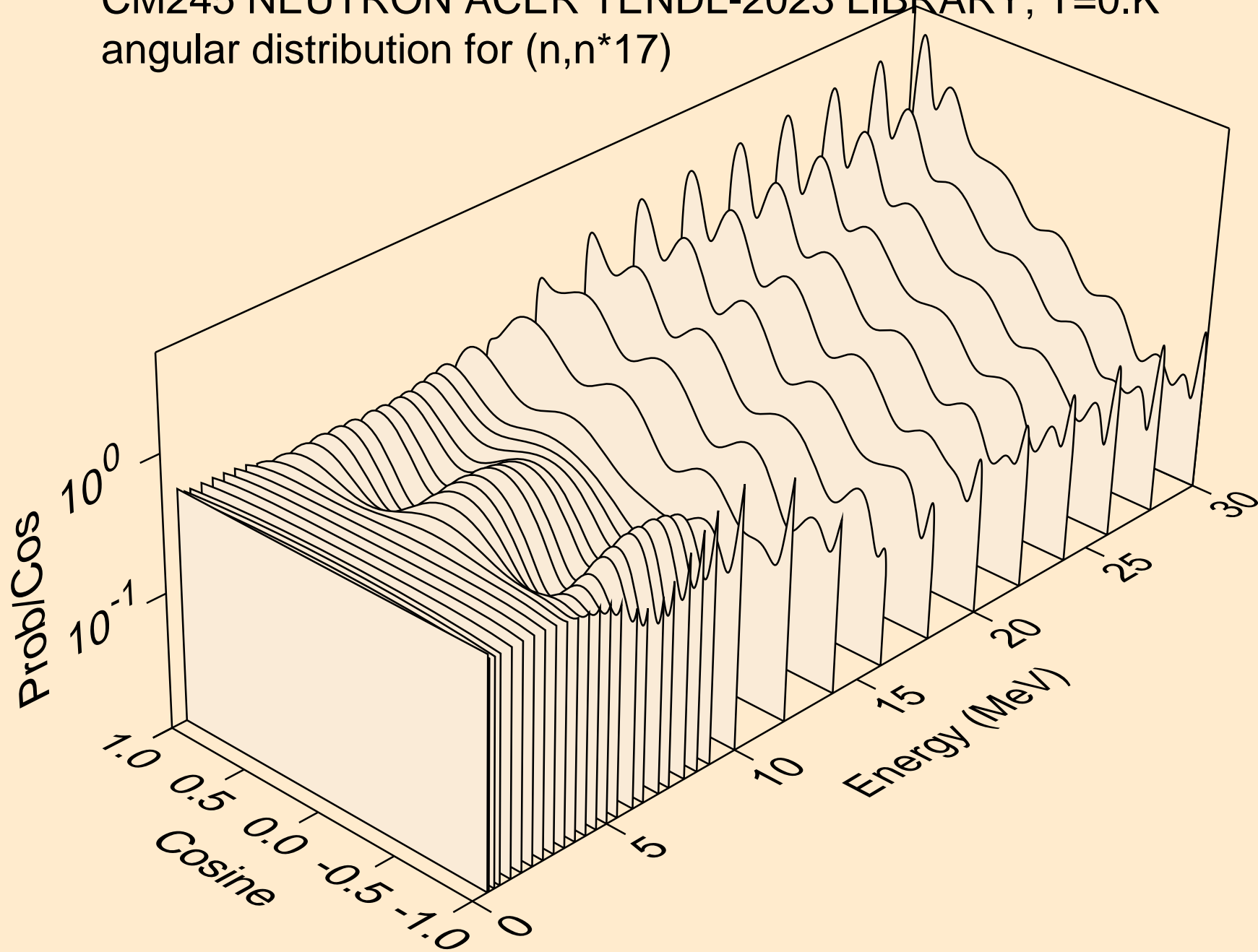
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angular distribution for (n,n\*15)



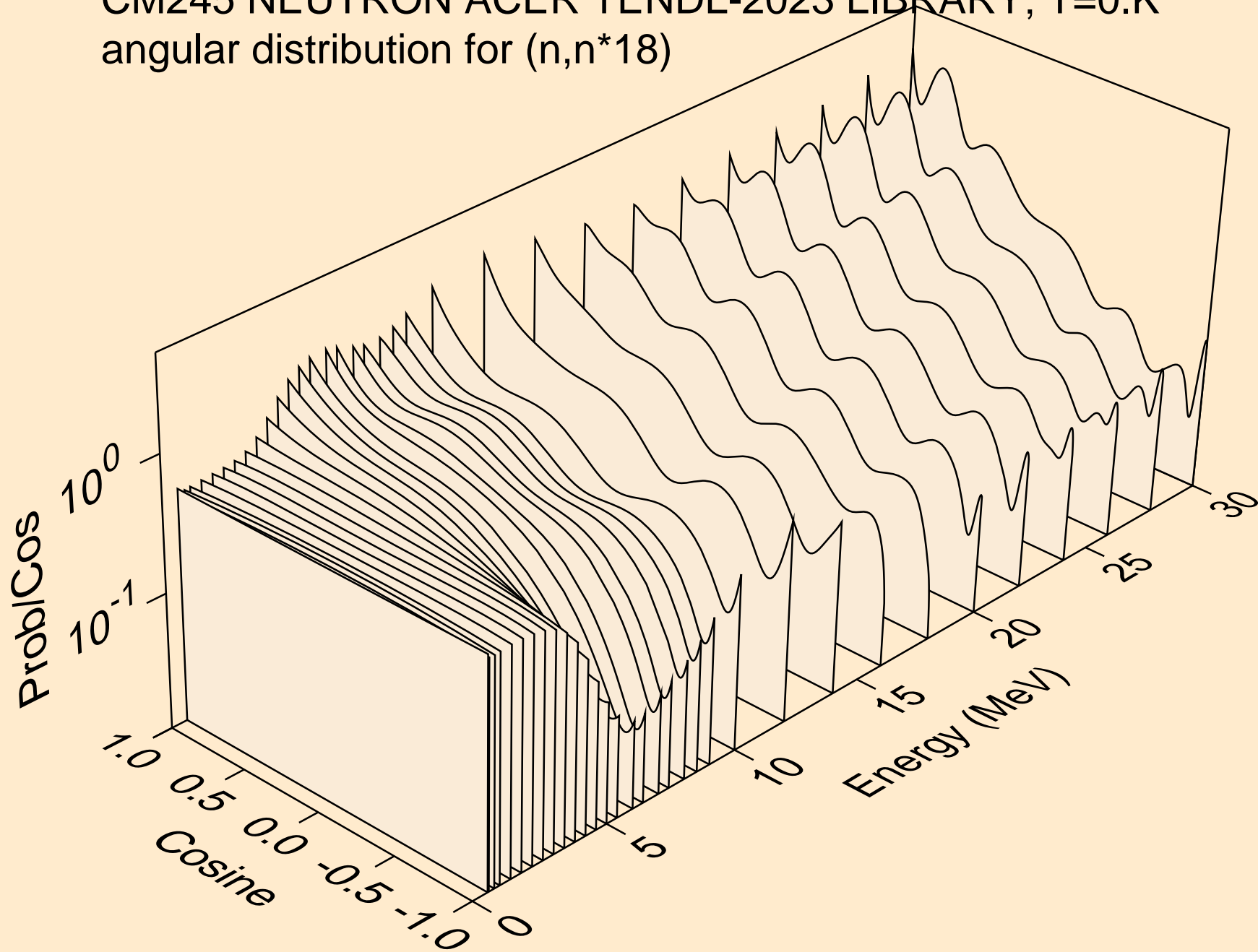
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)

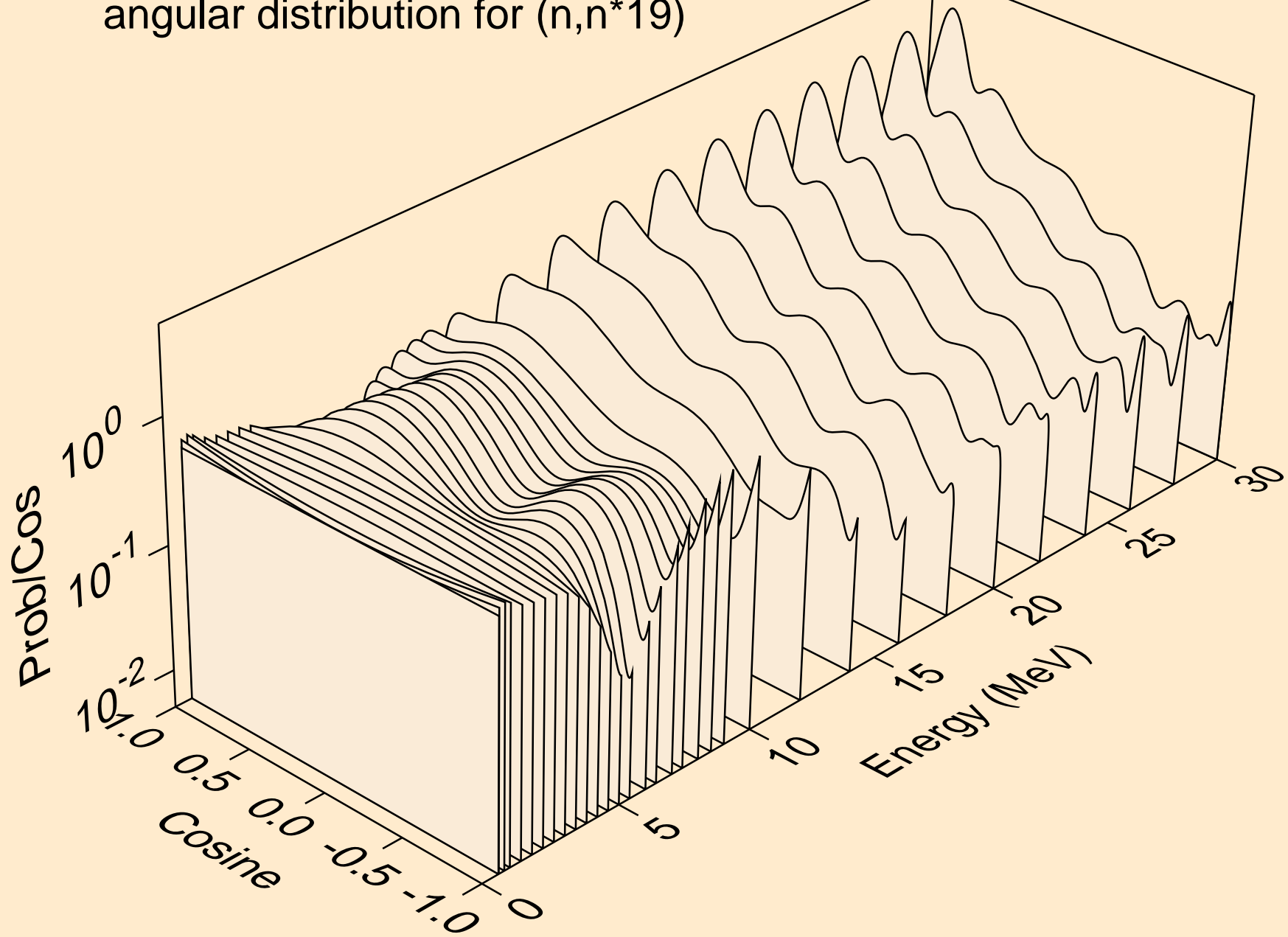


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)



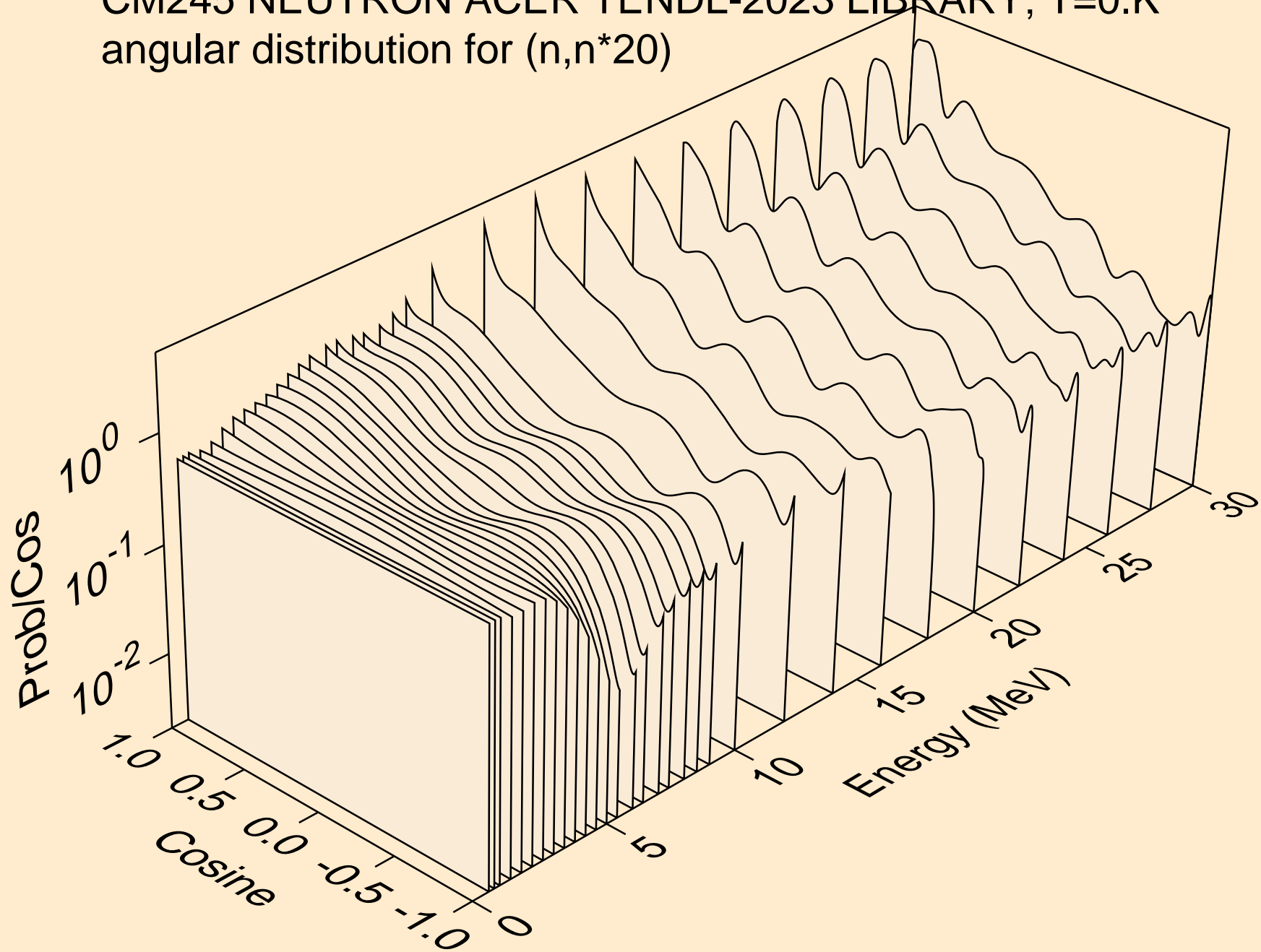


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

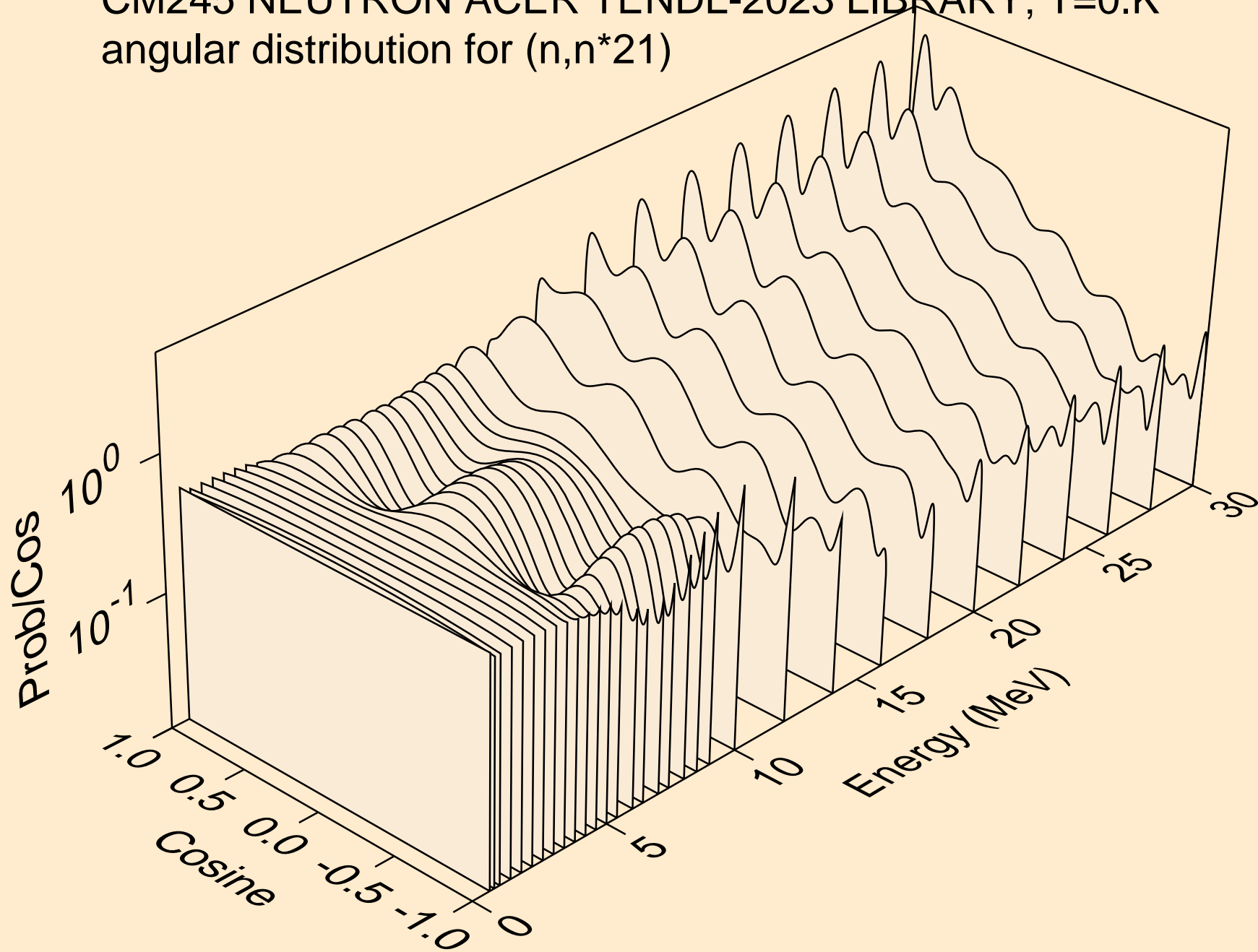




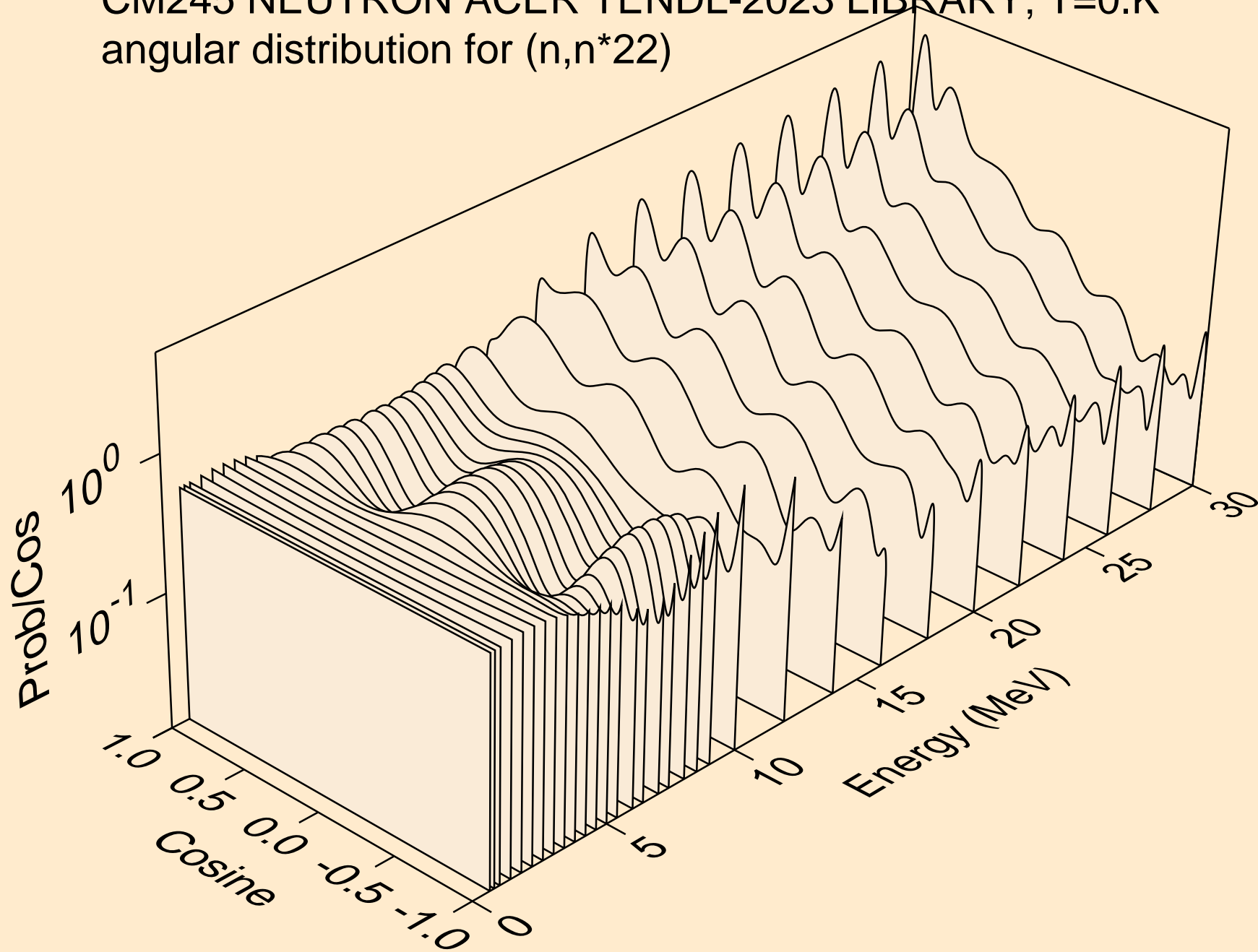
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



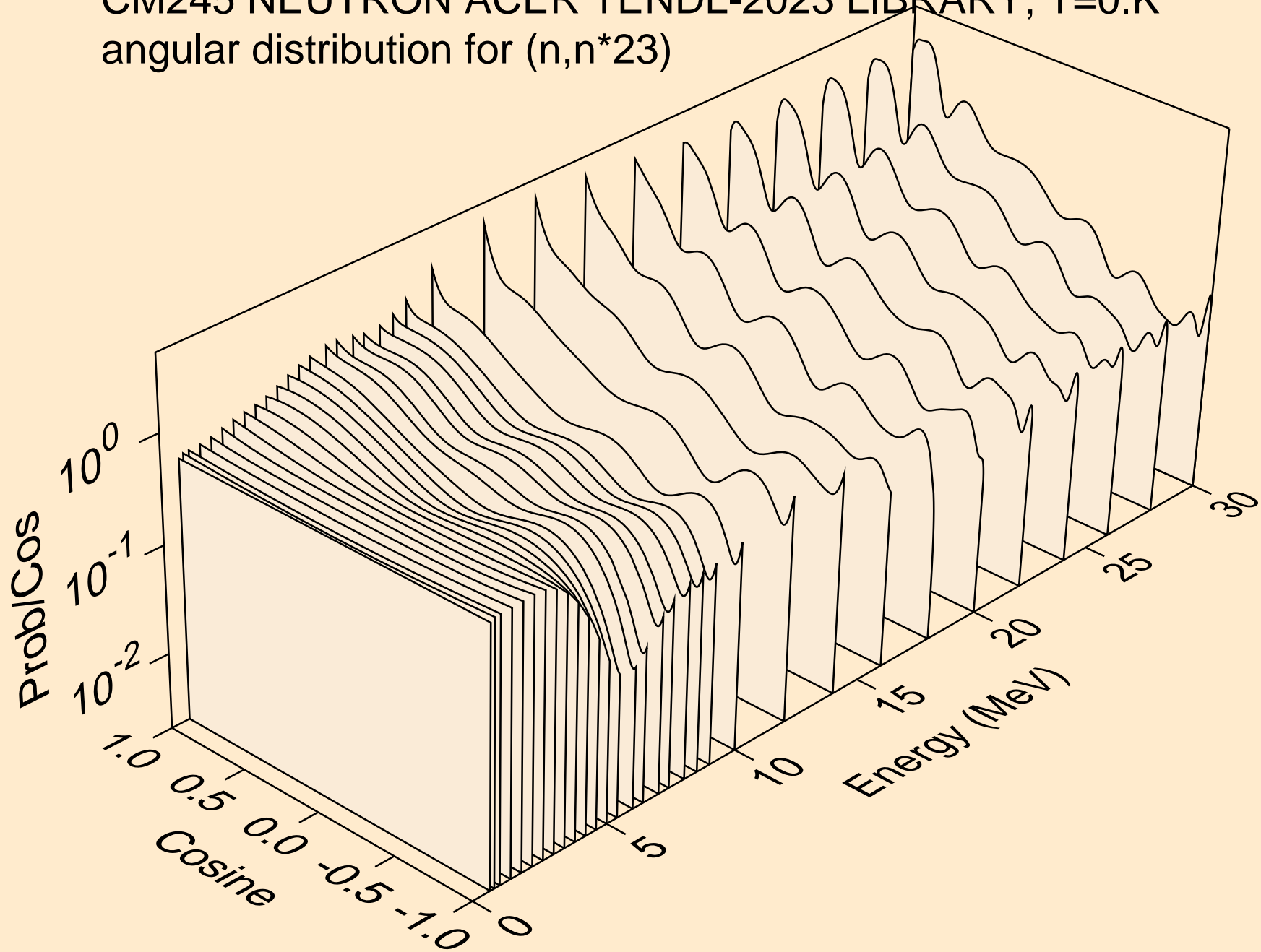
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



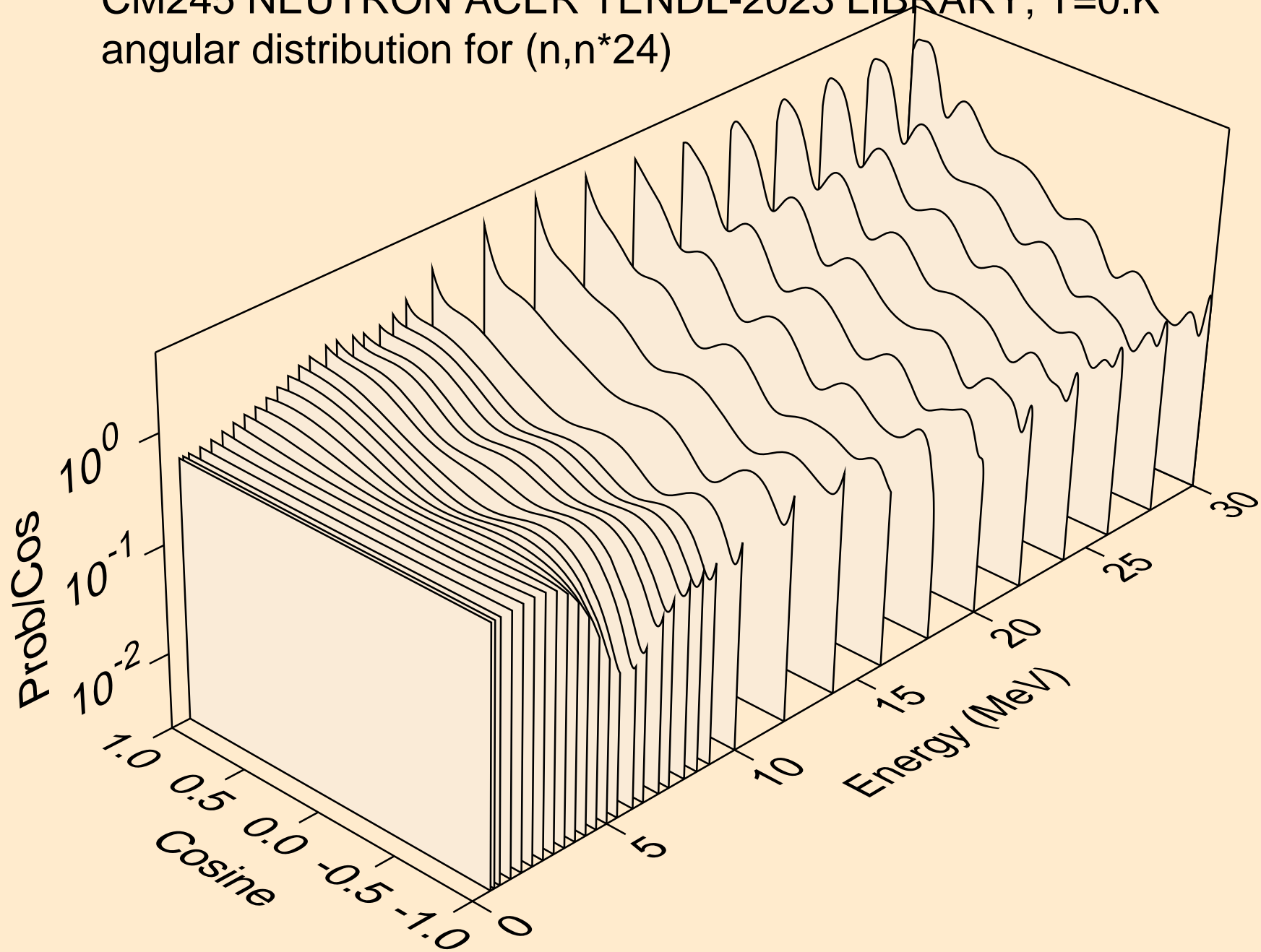
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



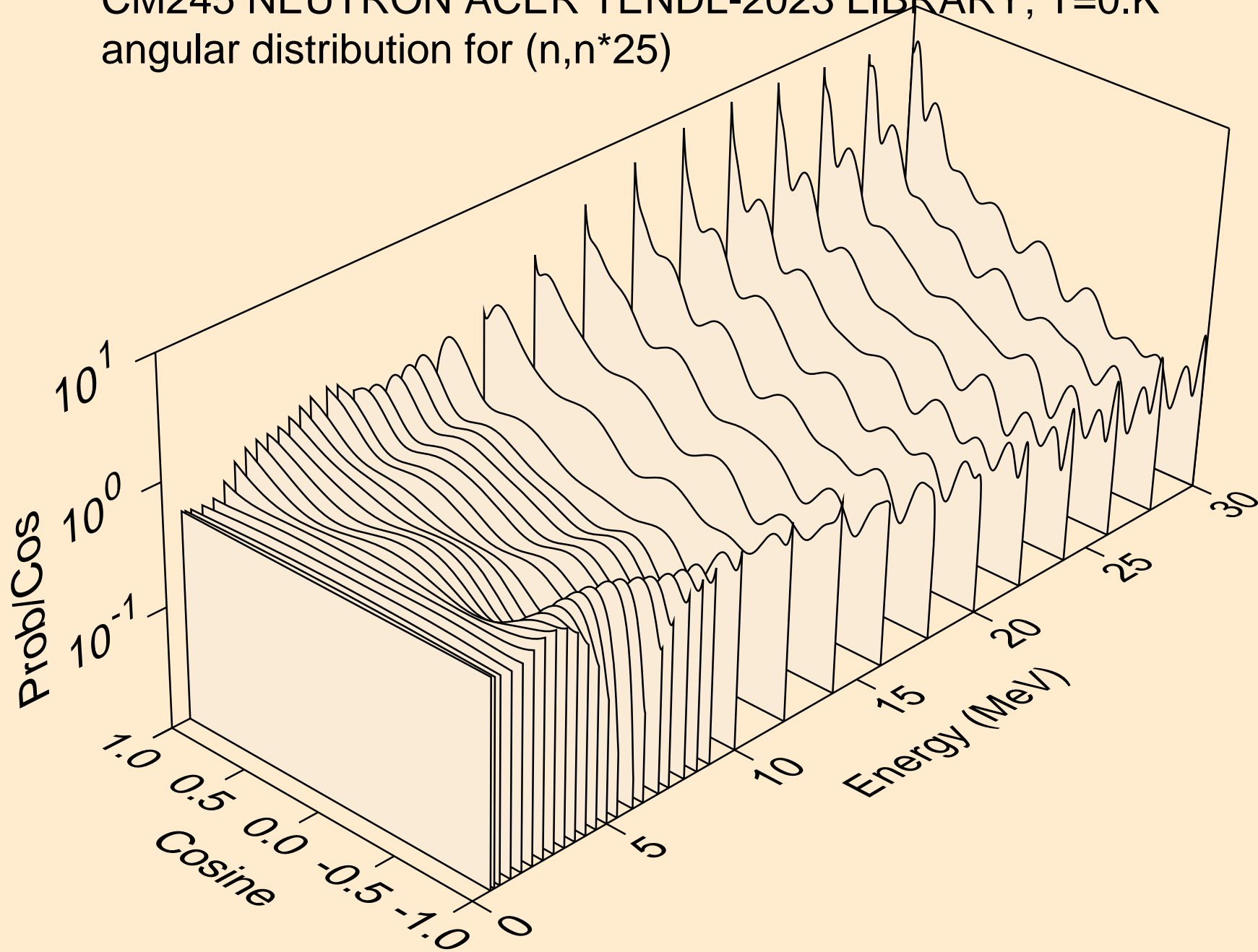
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



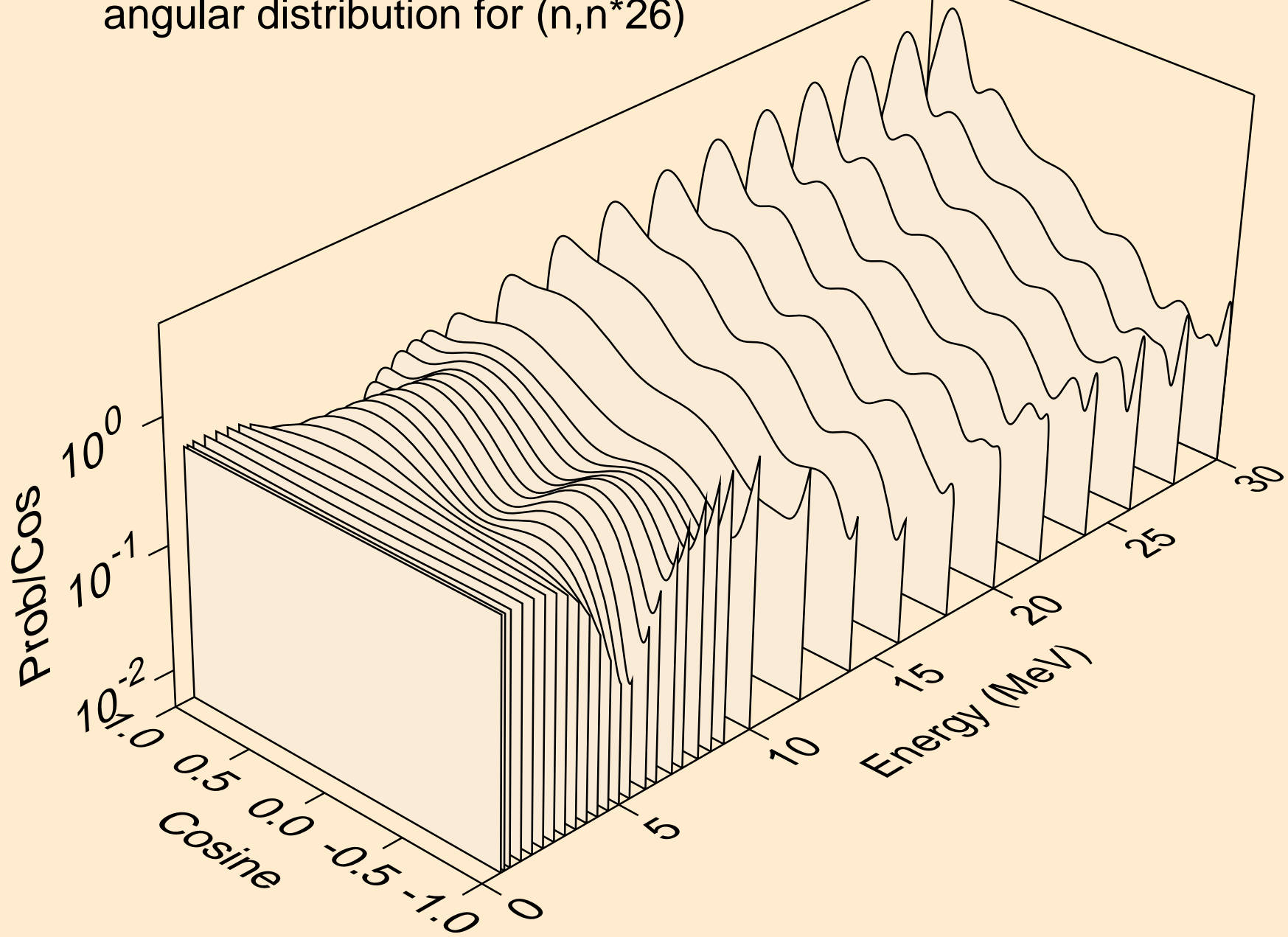
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)

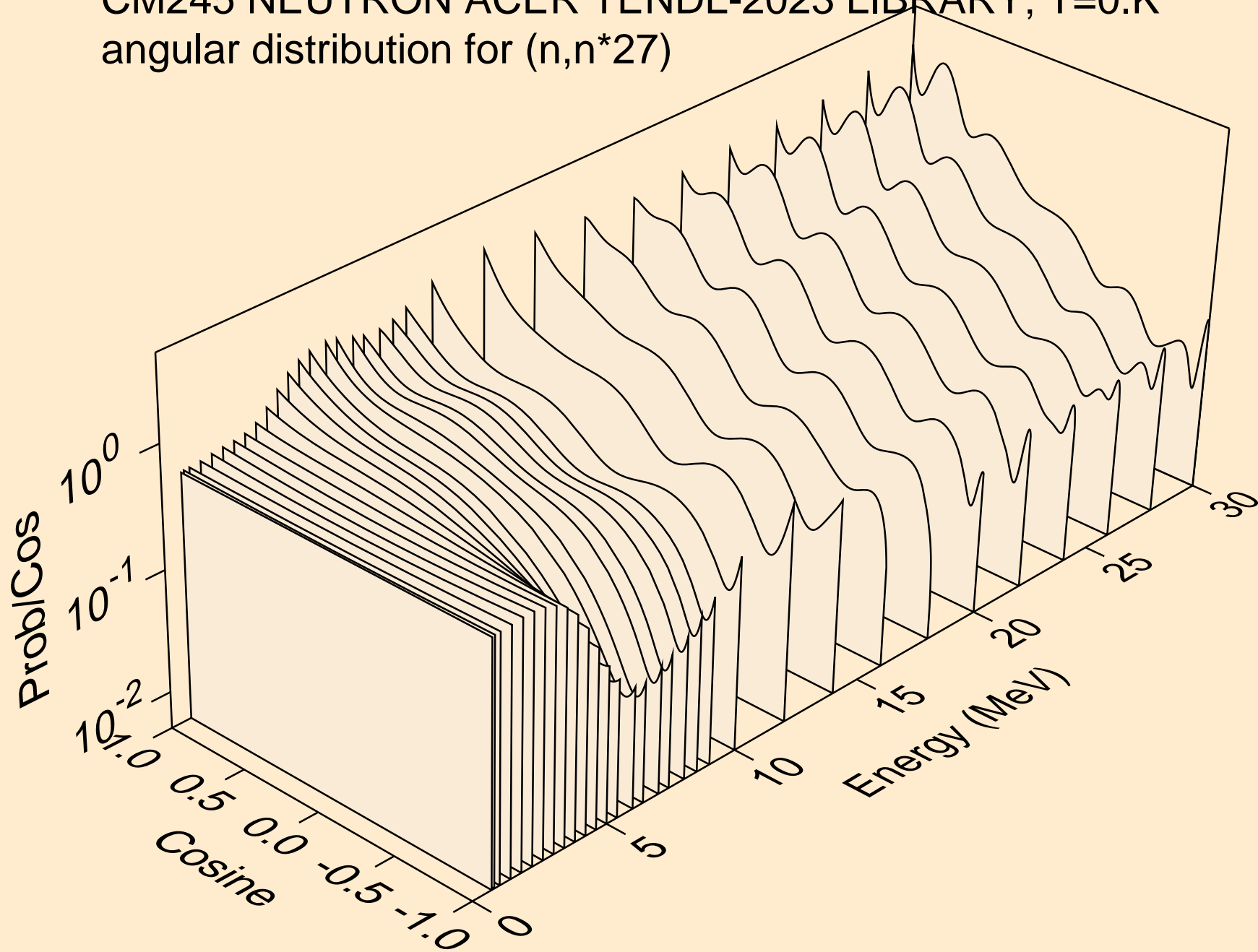


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)





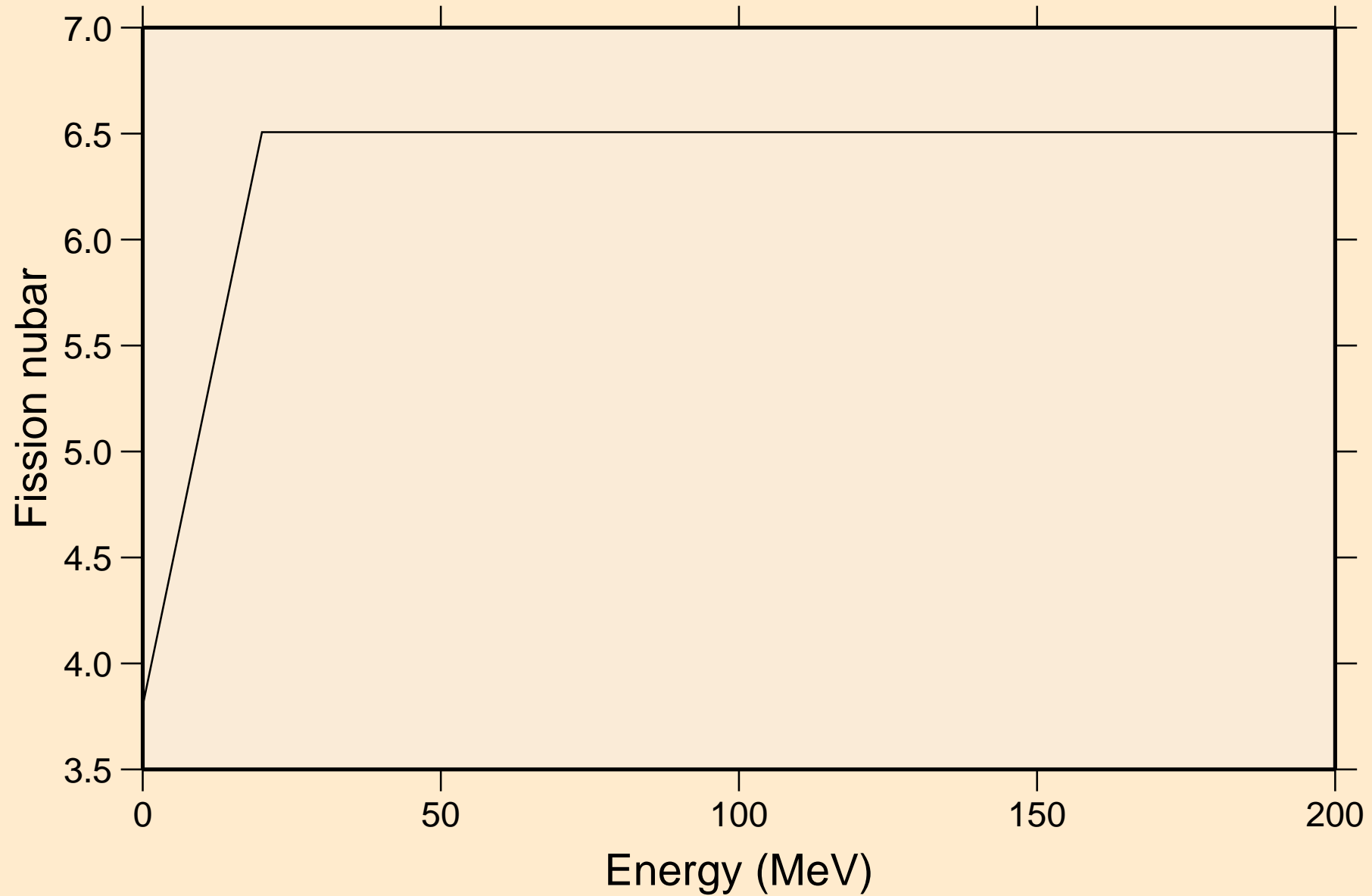
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



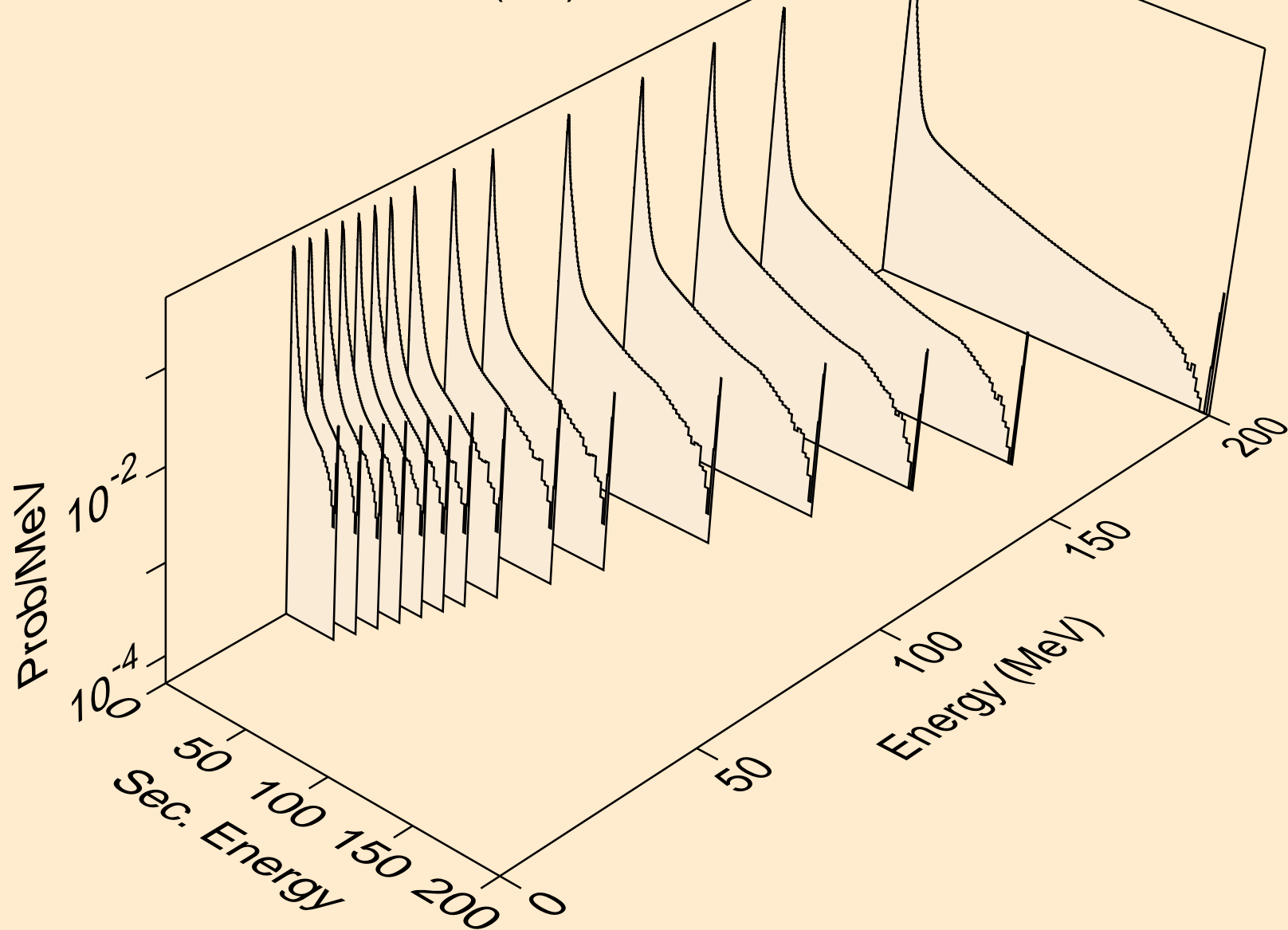


# CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

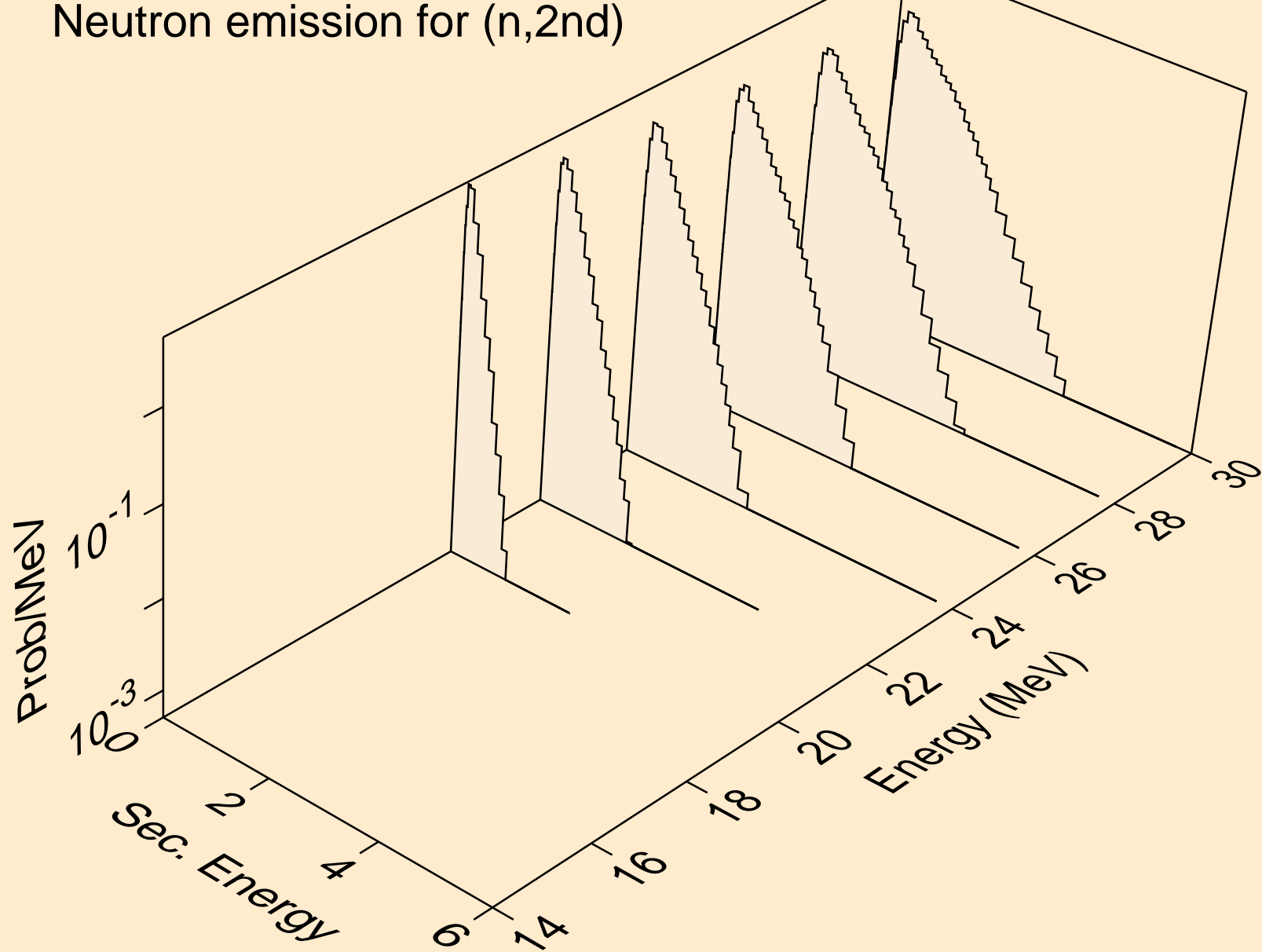
Total fission nubar



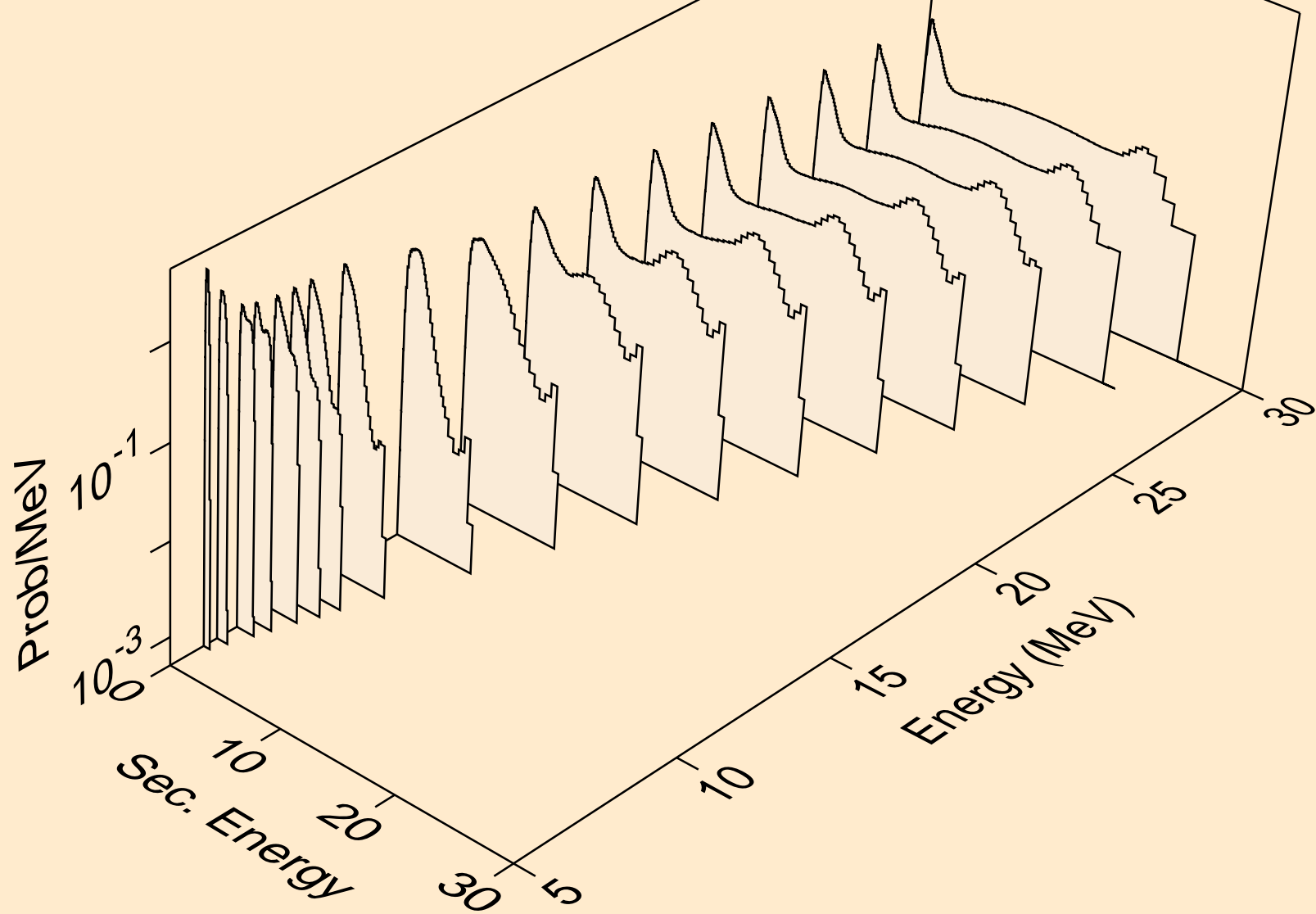
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



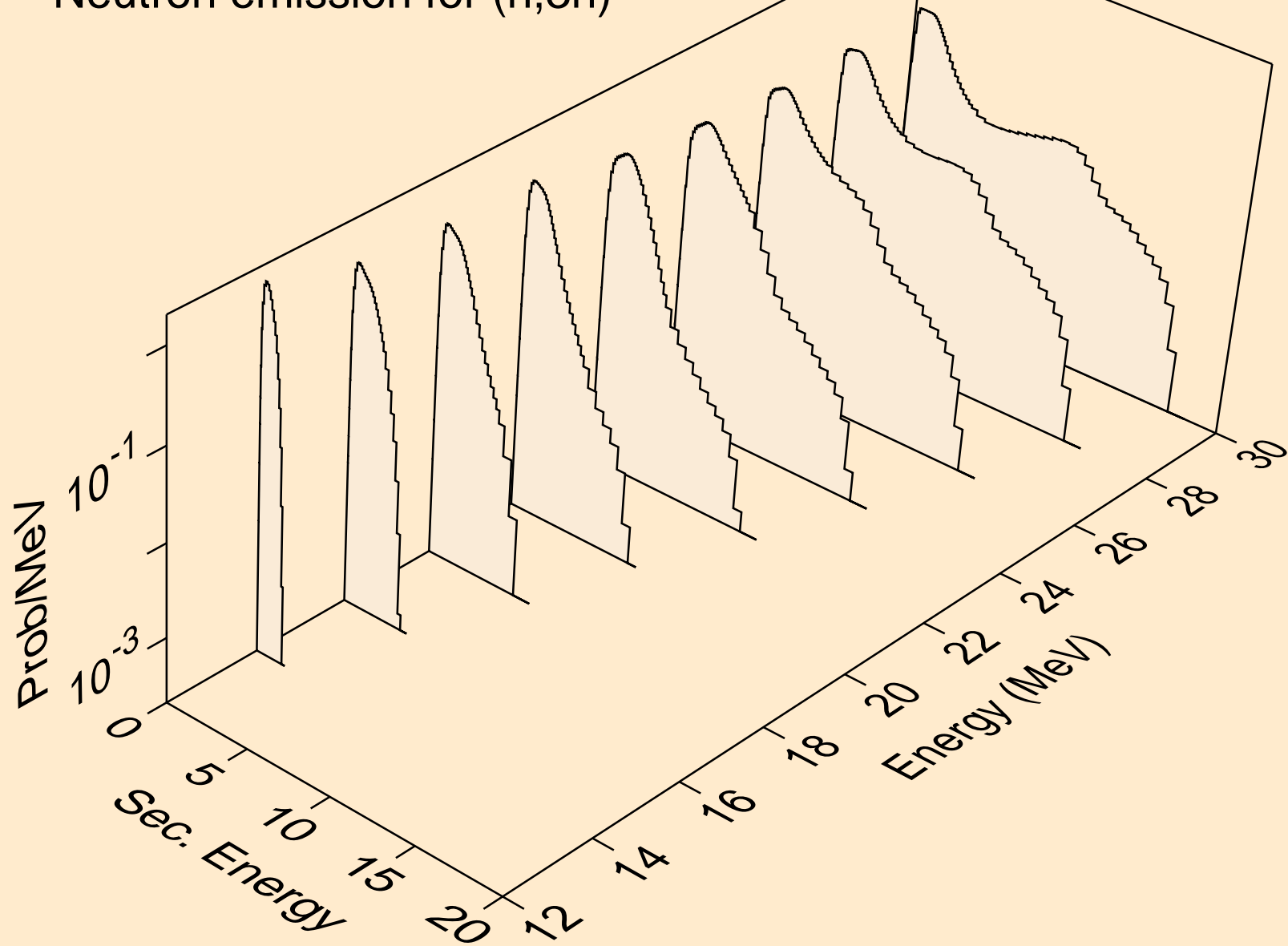
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



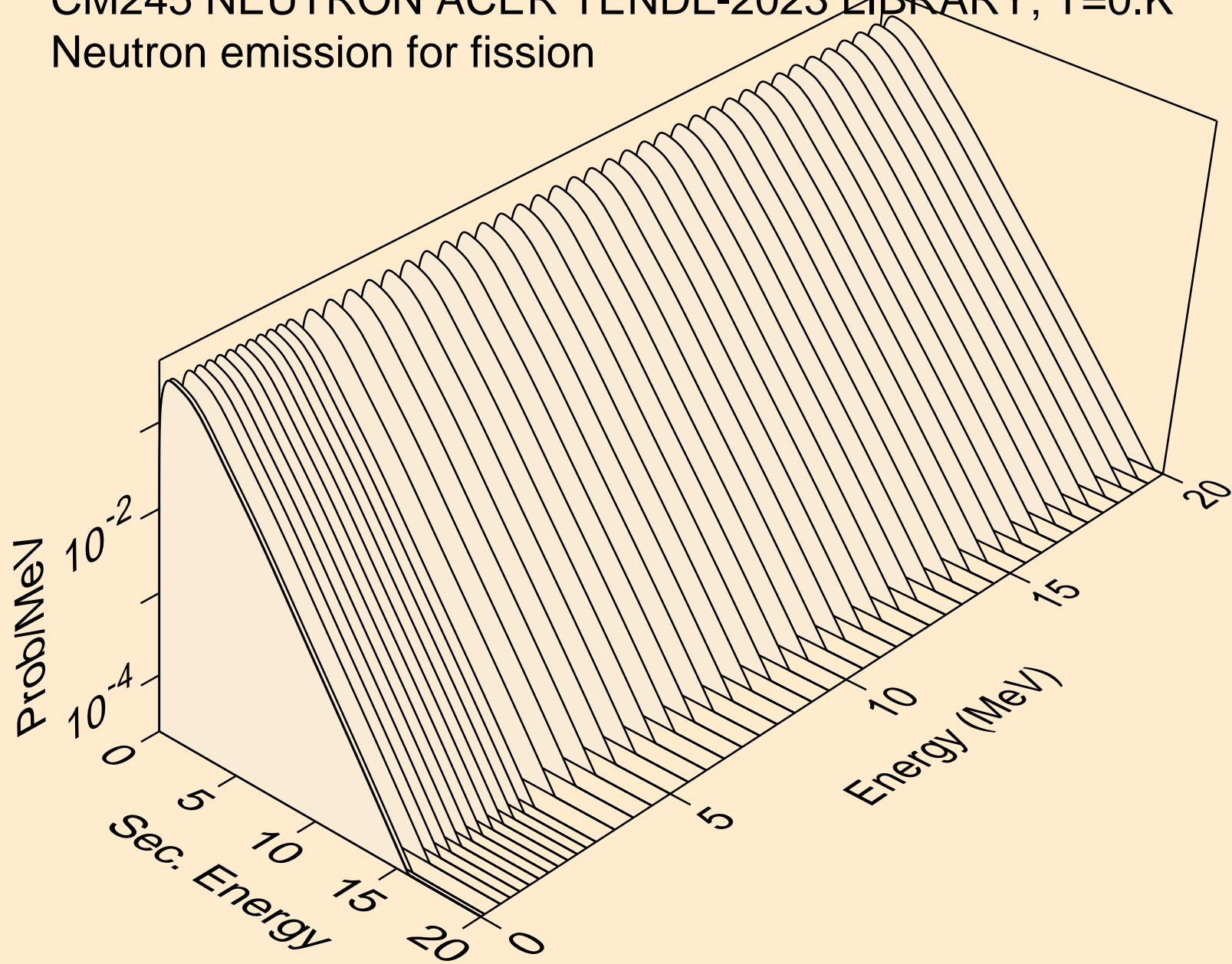
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)



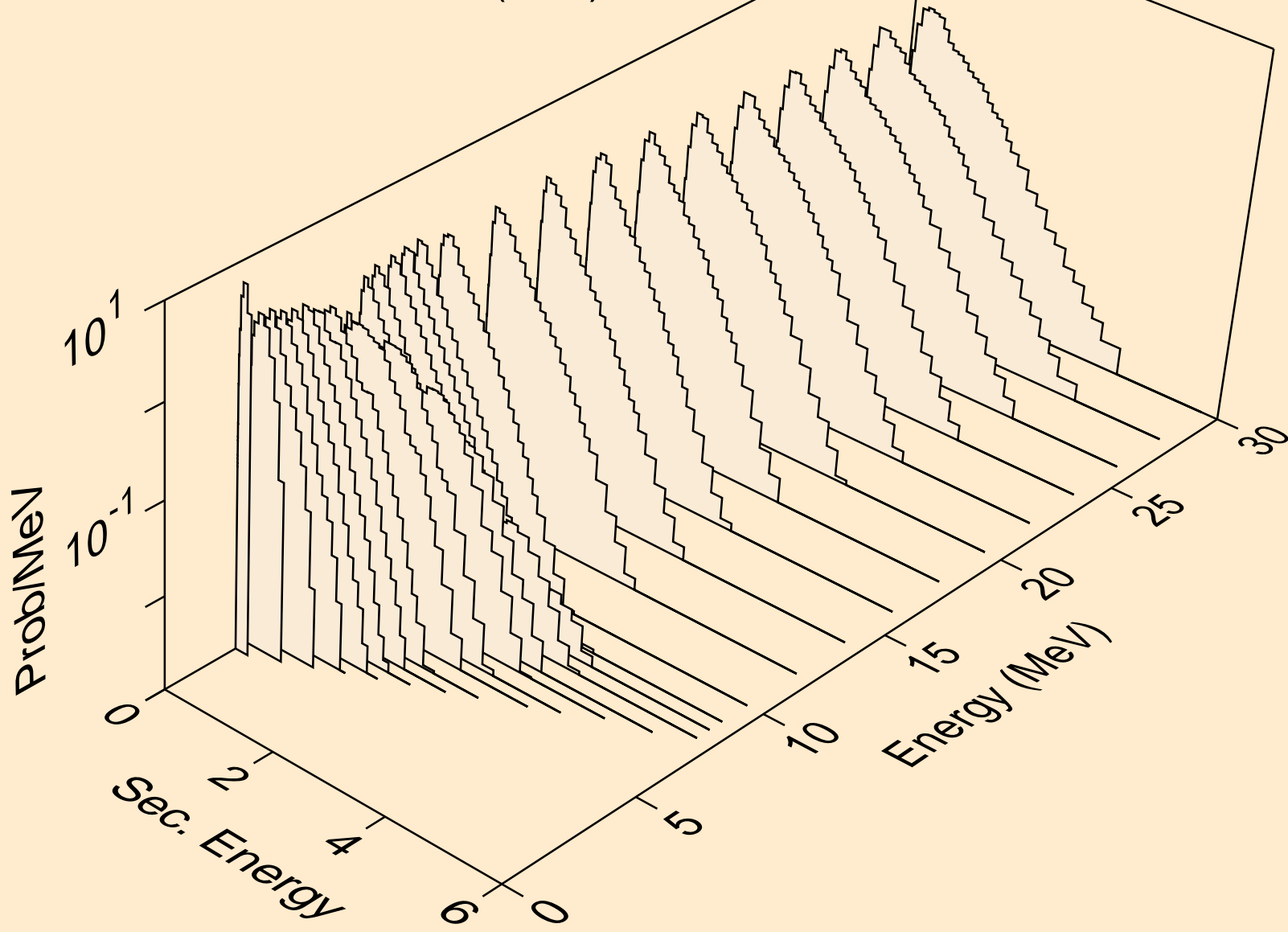
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)



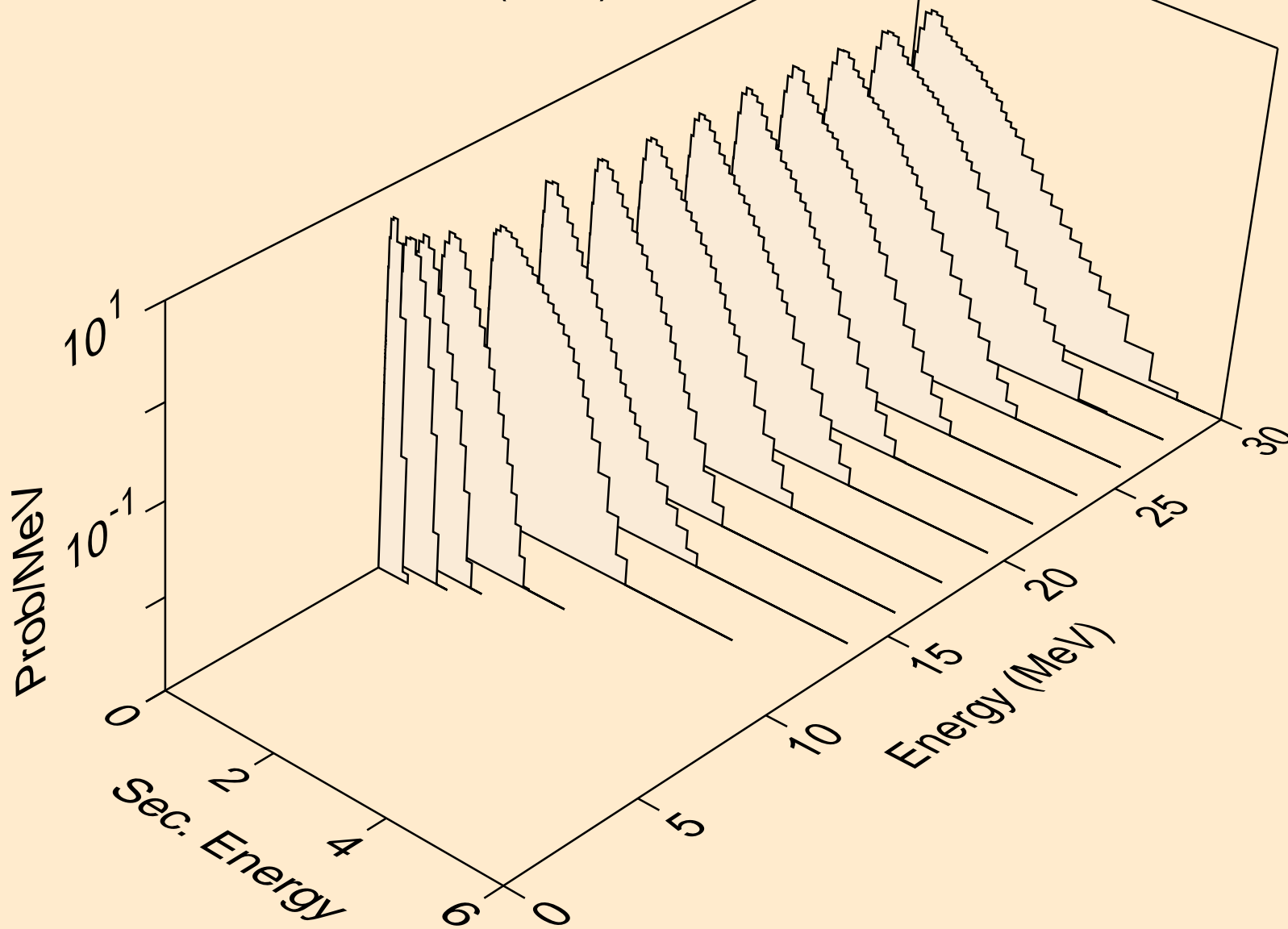
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a

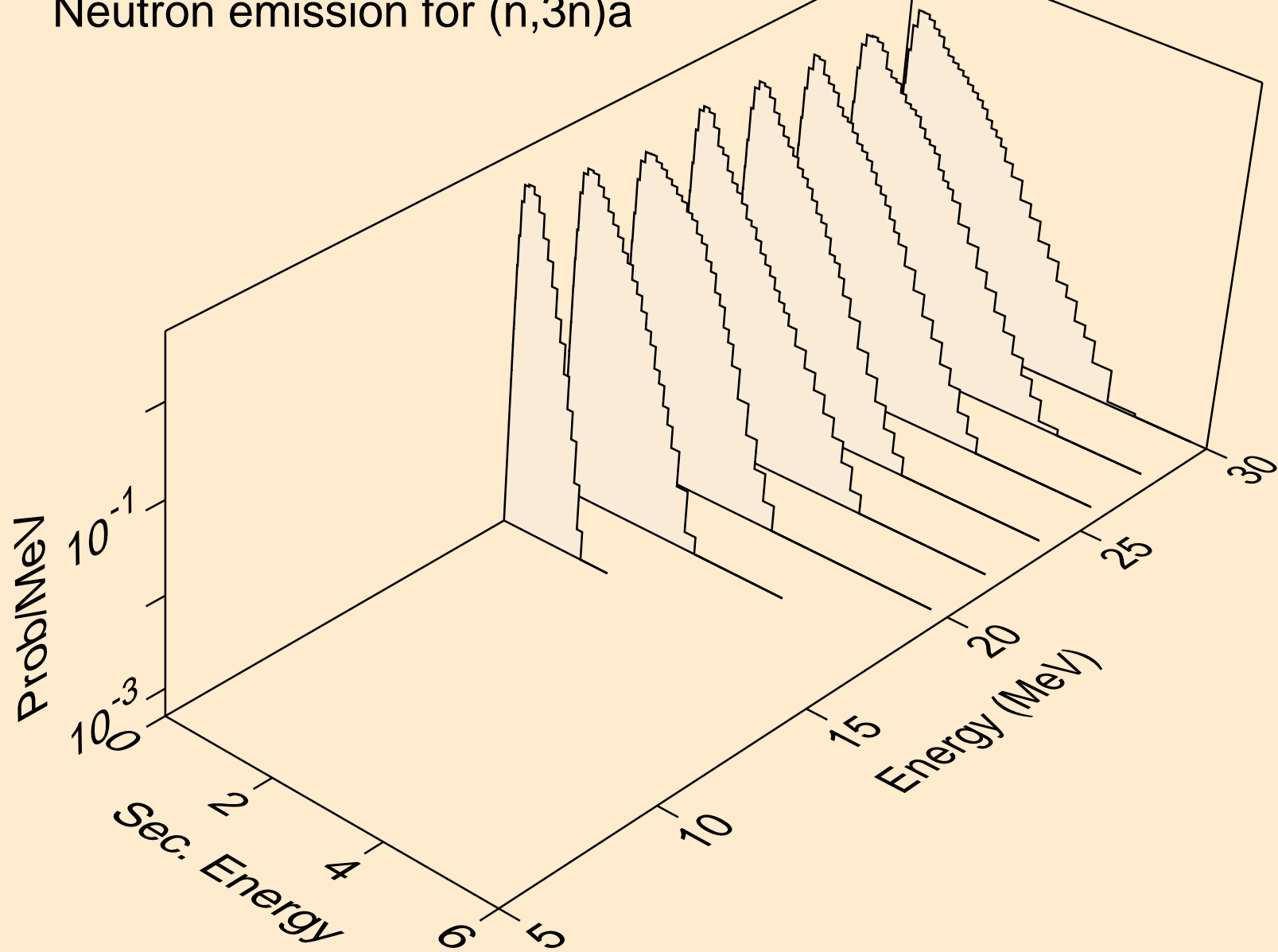


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

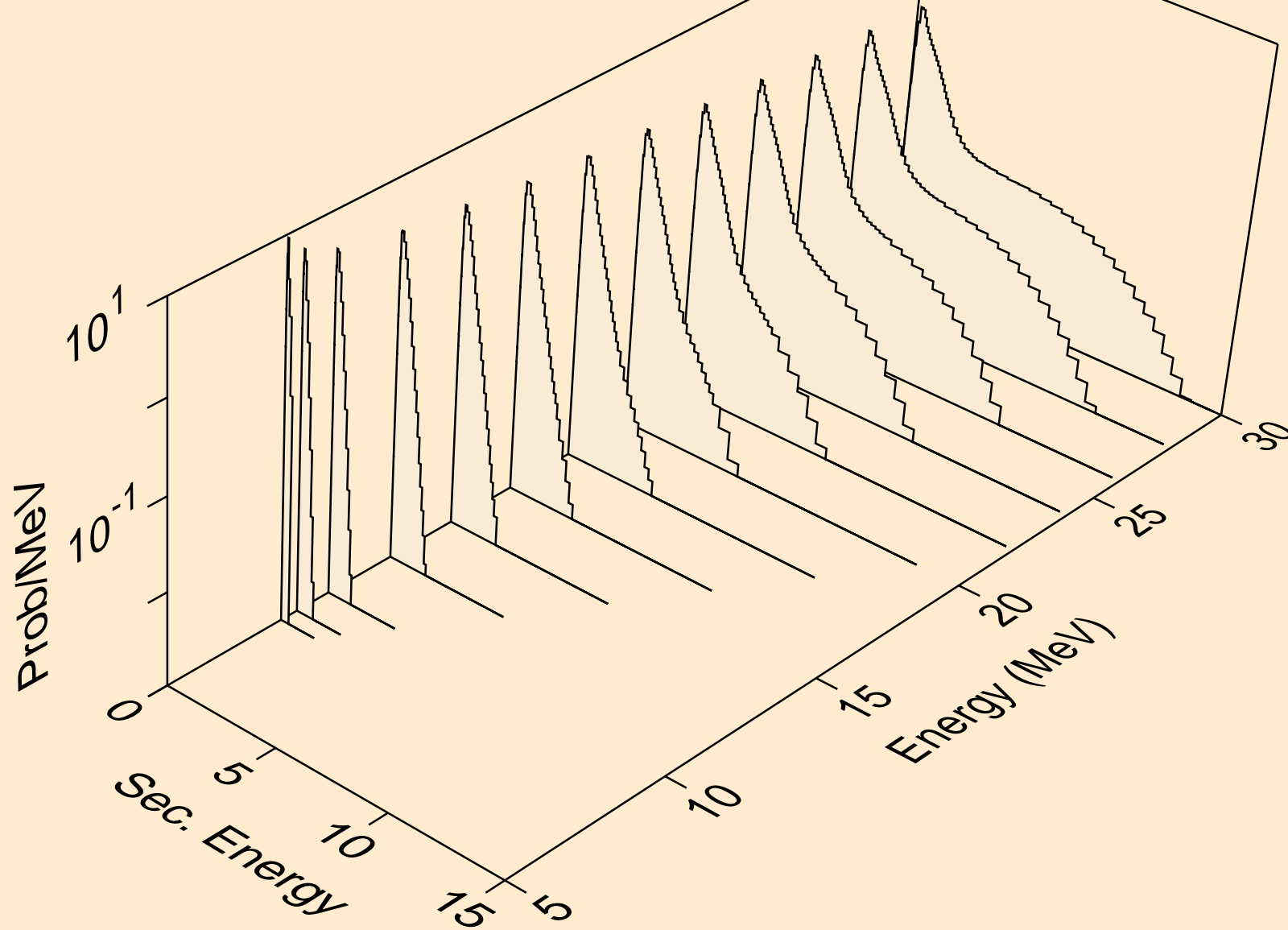




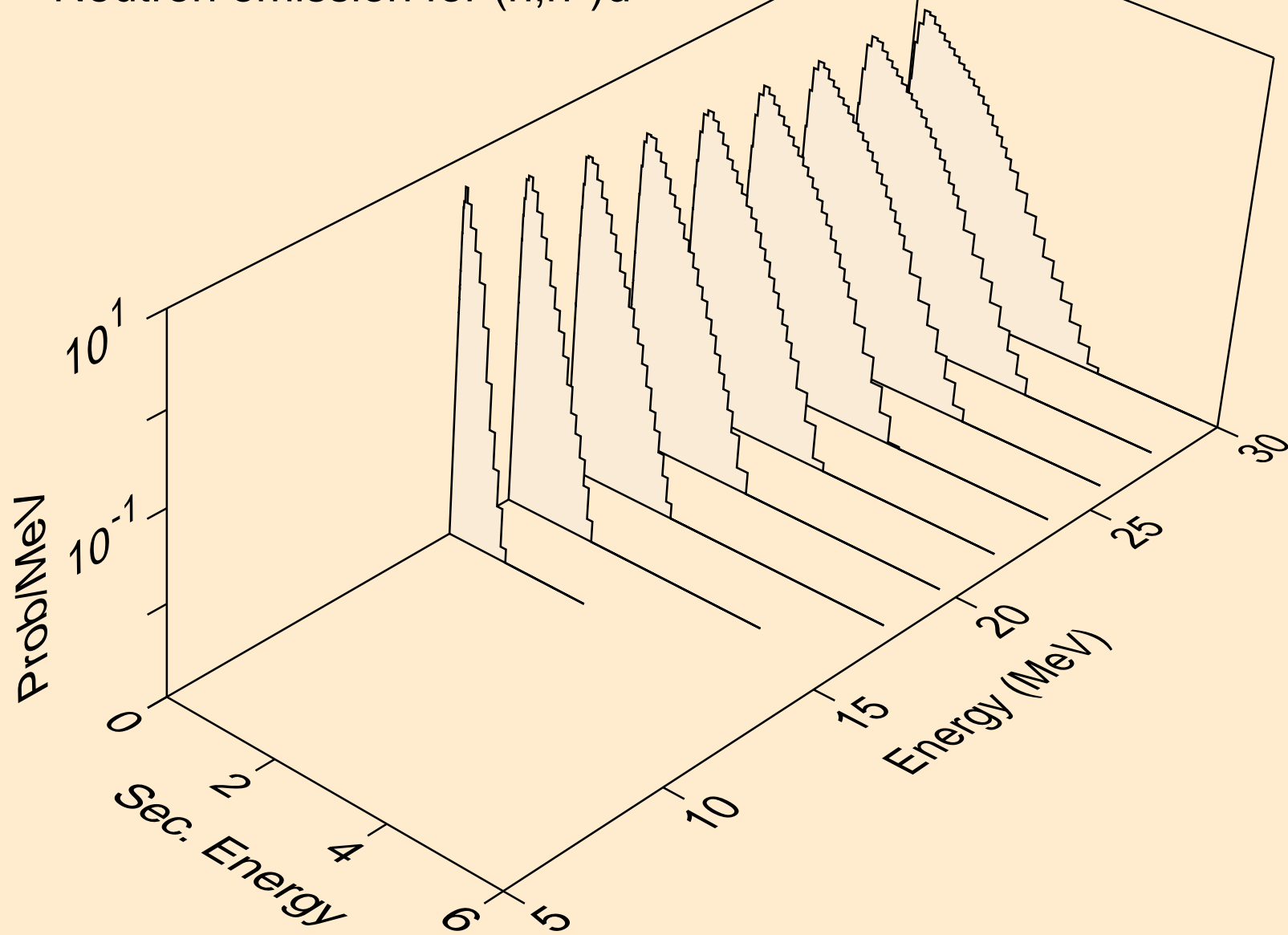
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



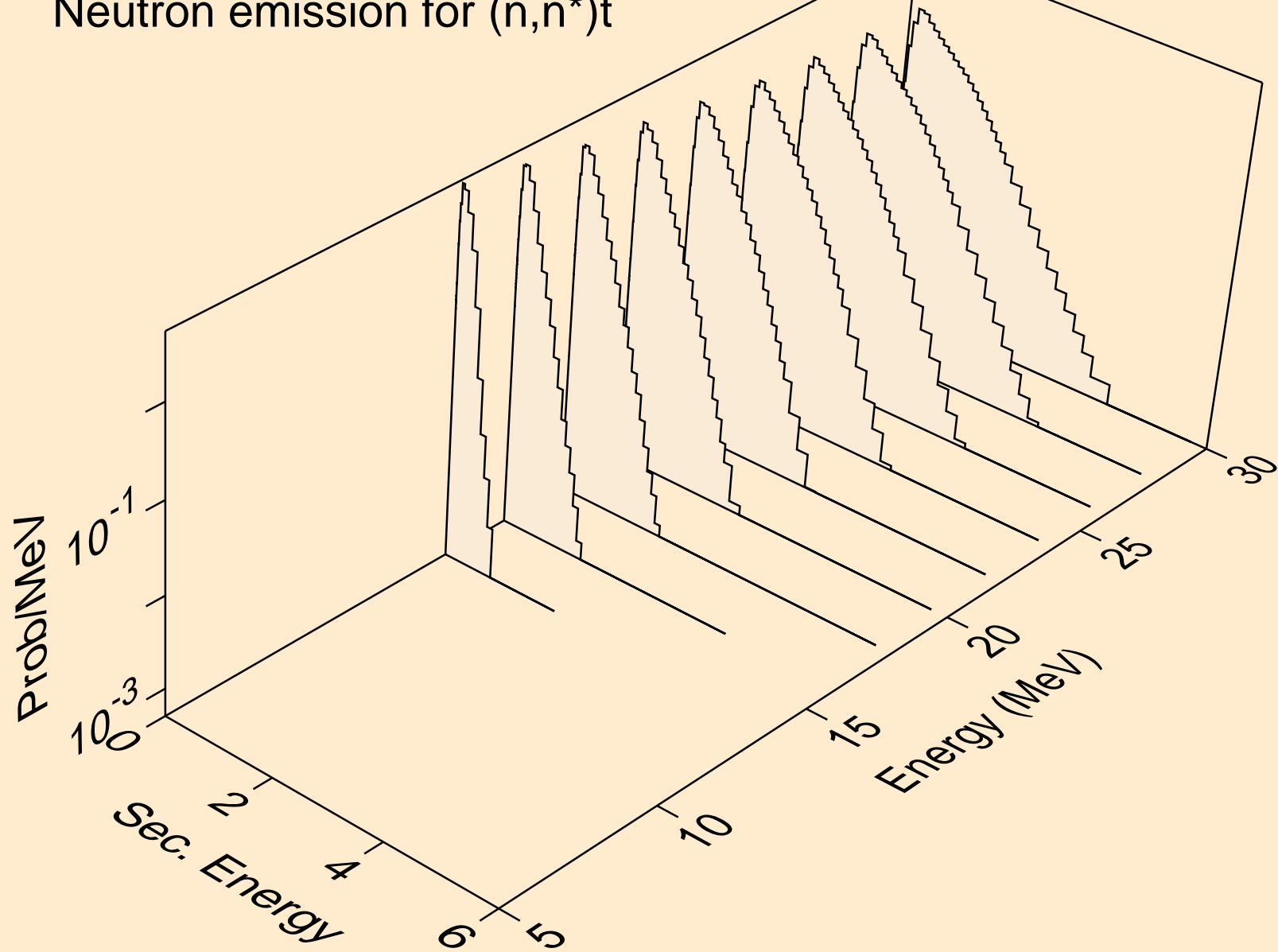
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



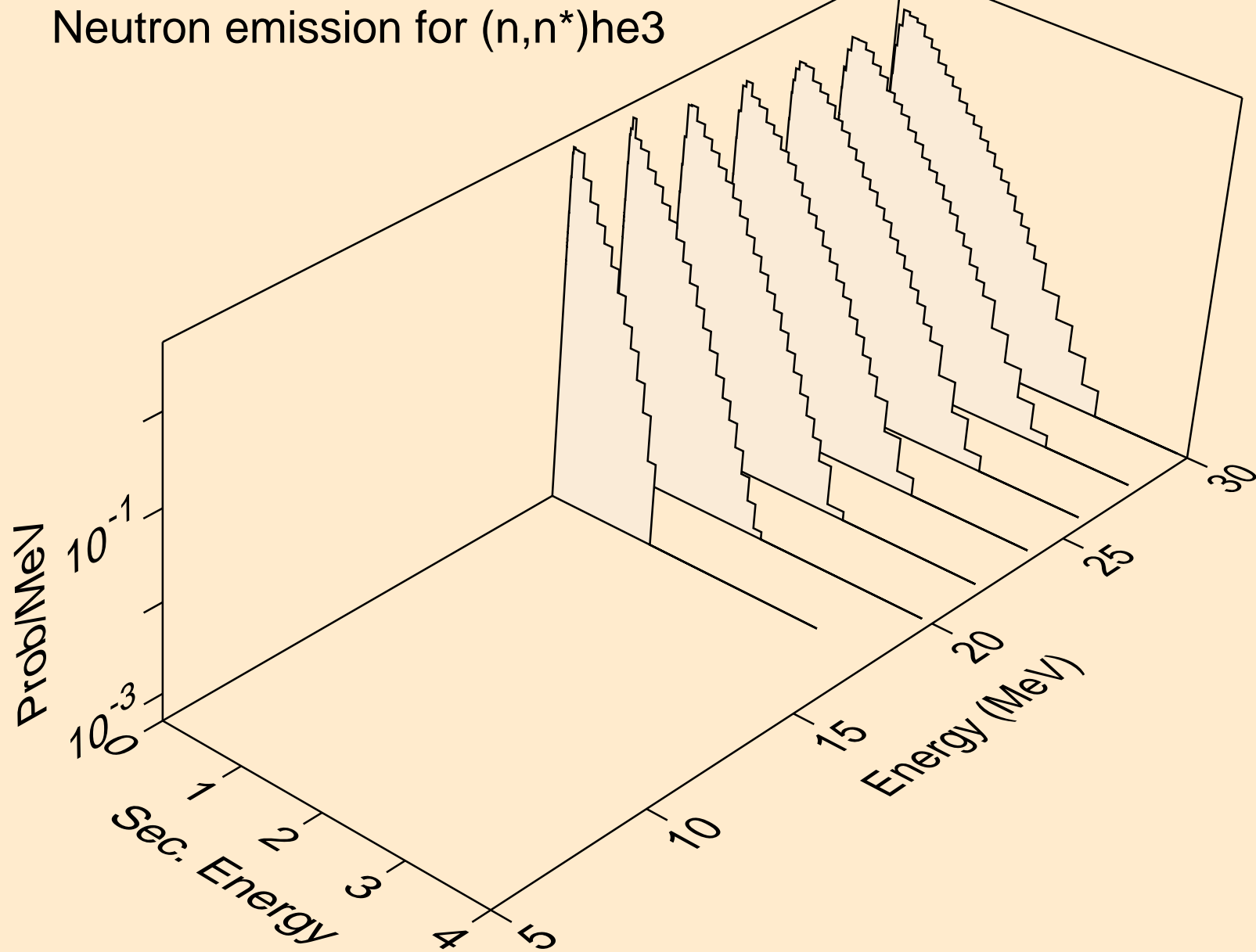
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



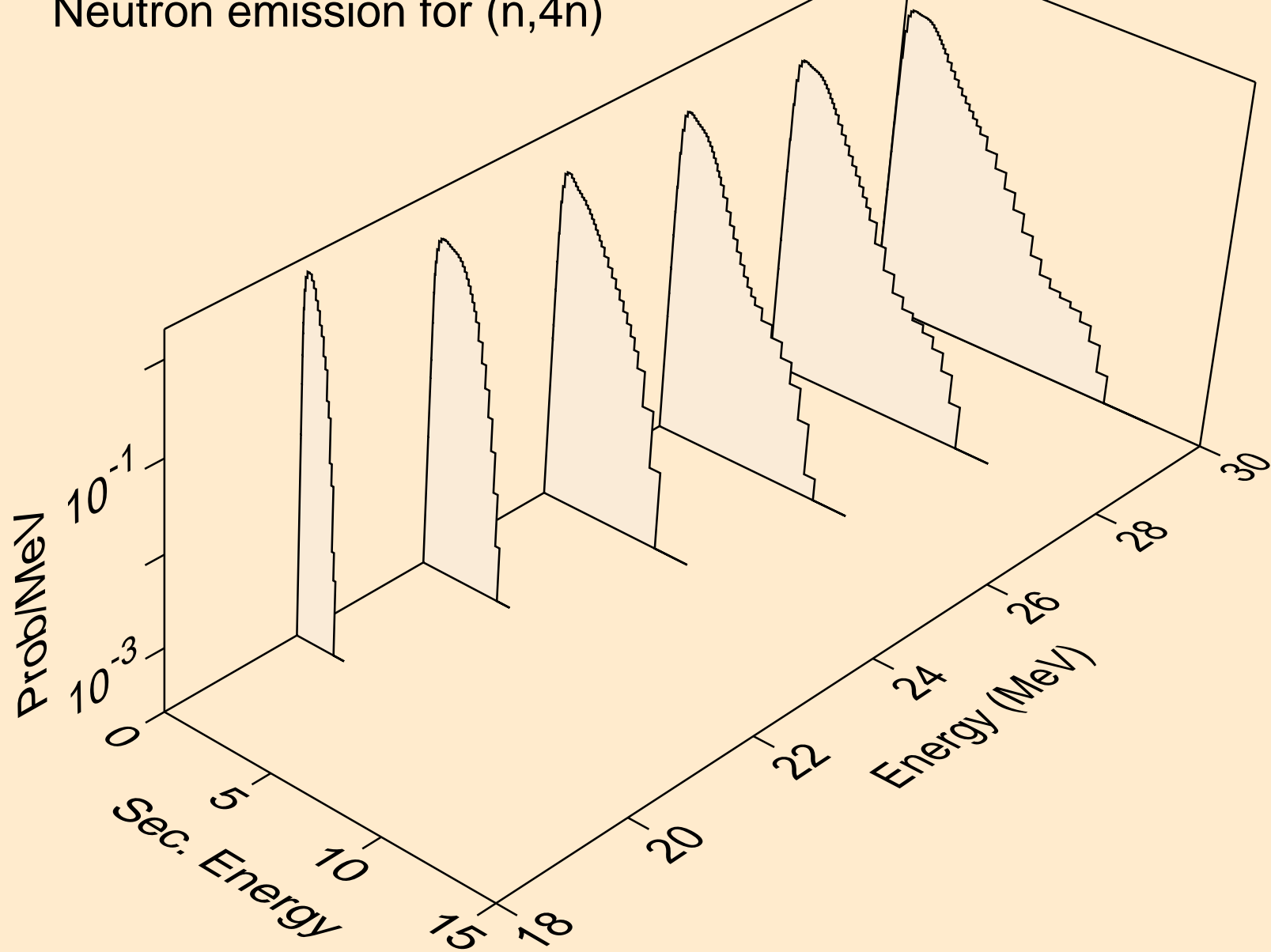
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



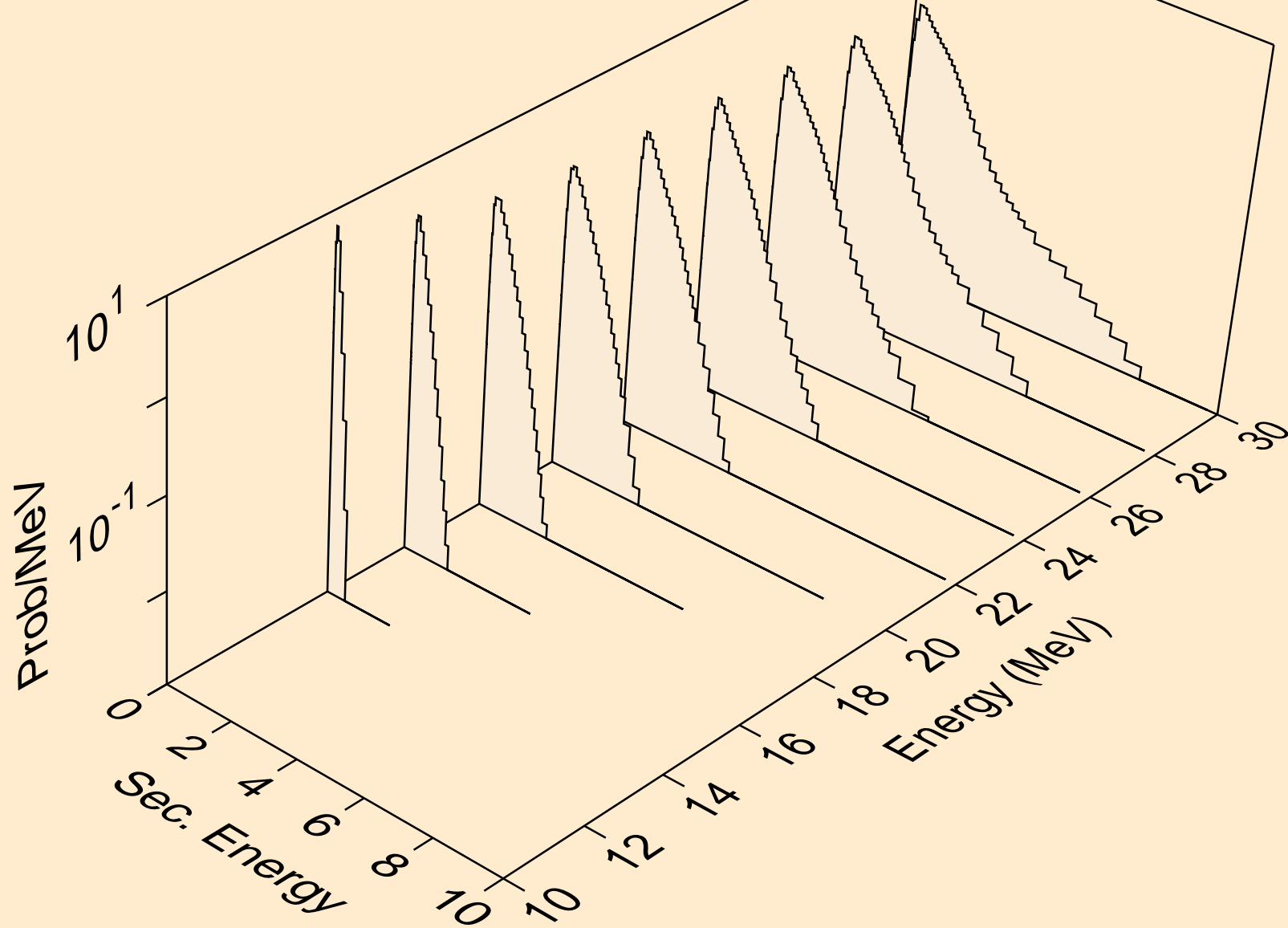
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



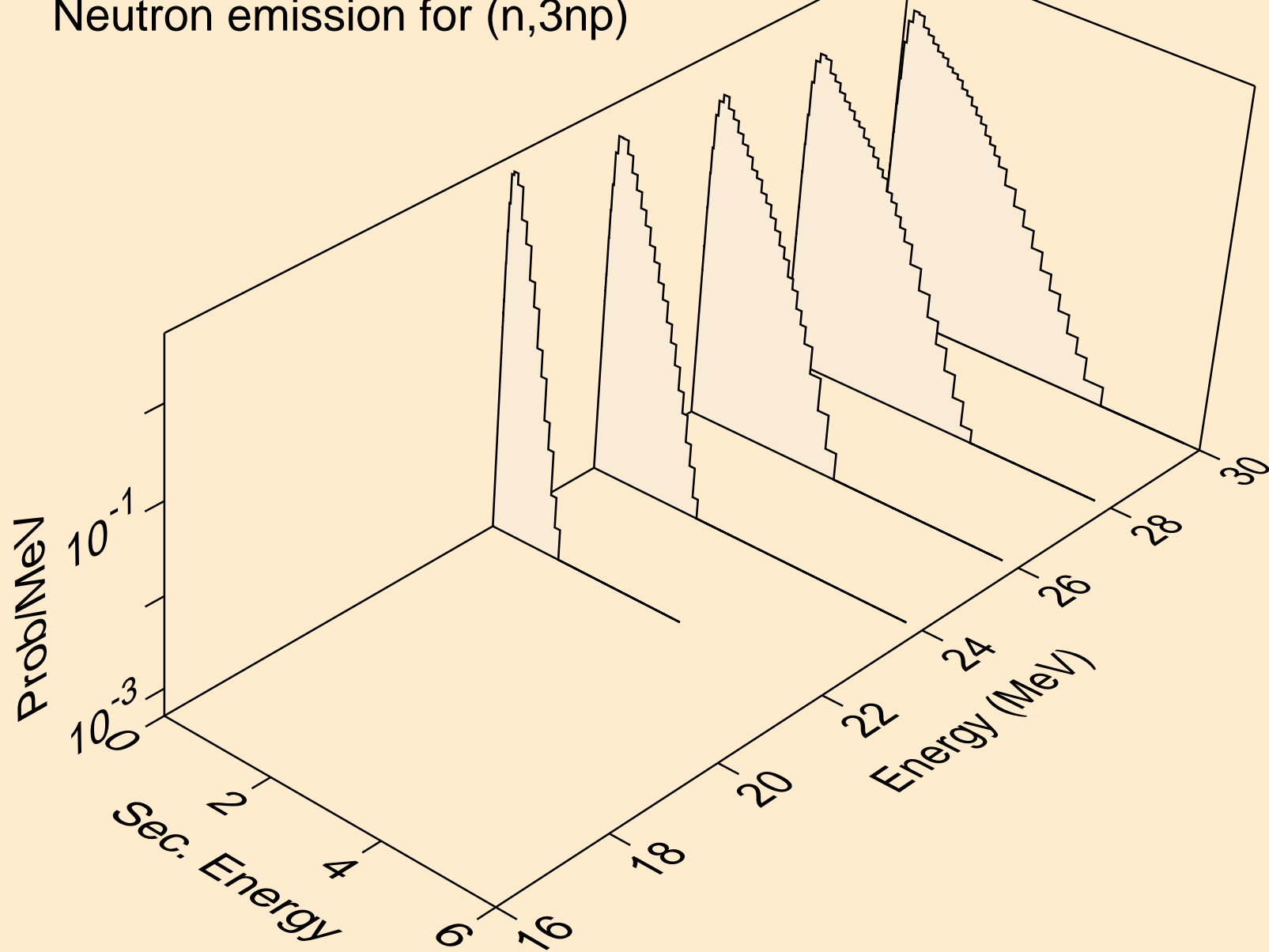
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)

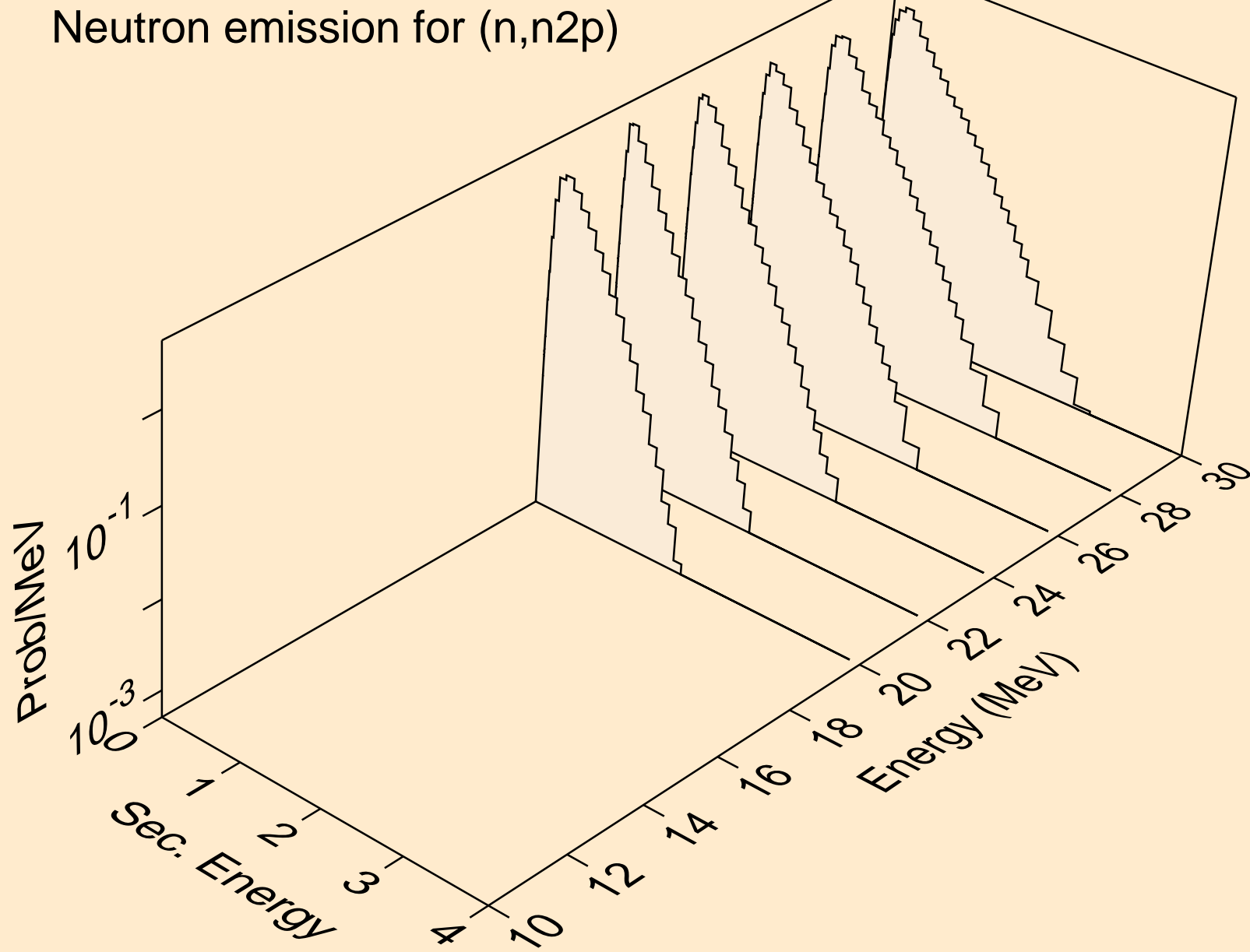


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

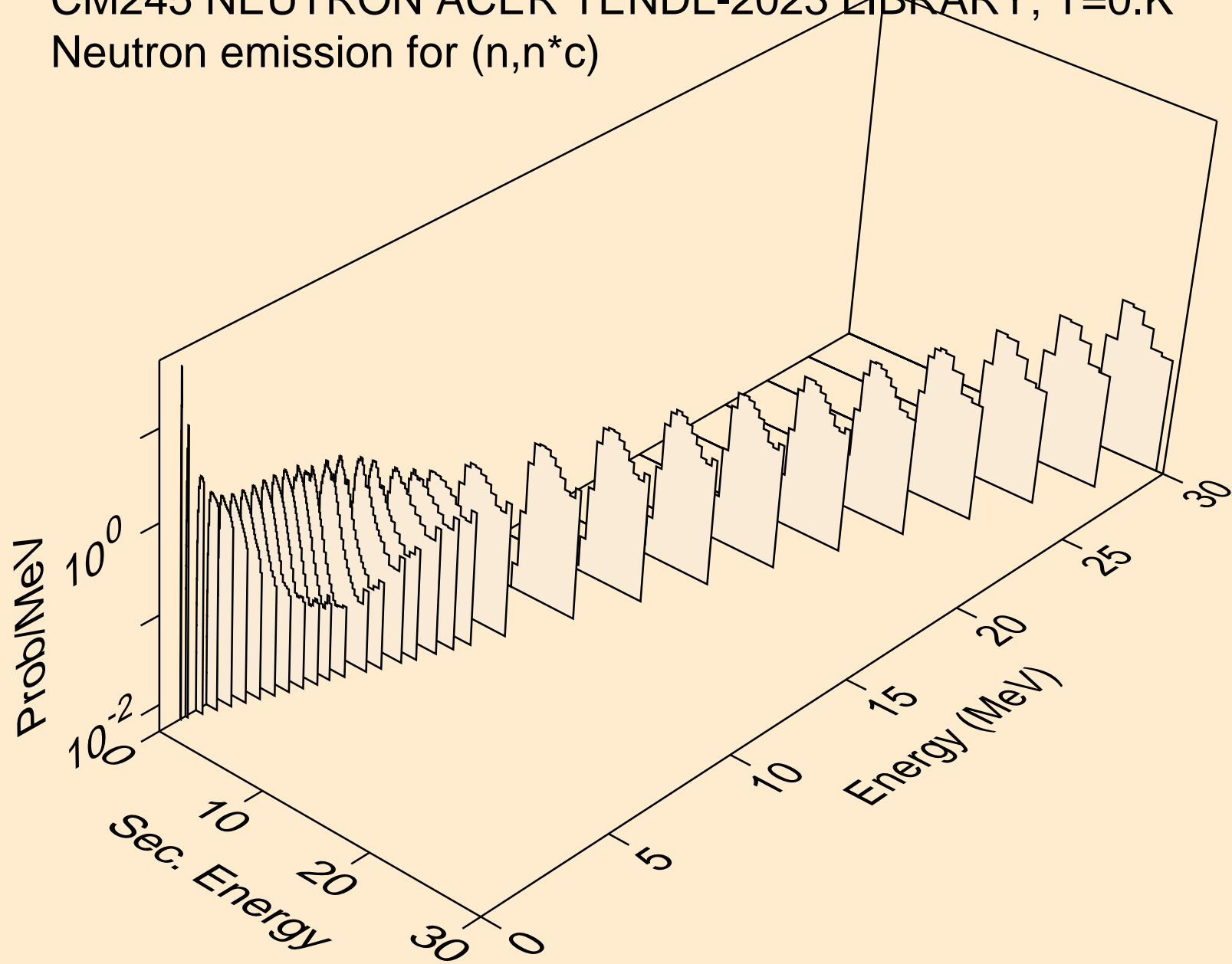




CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

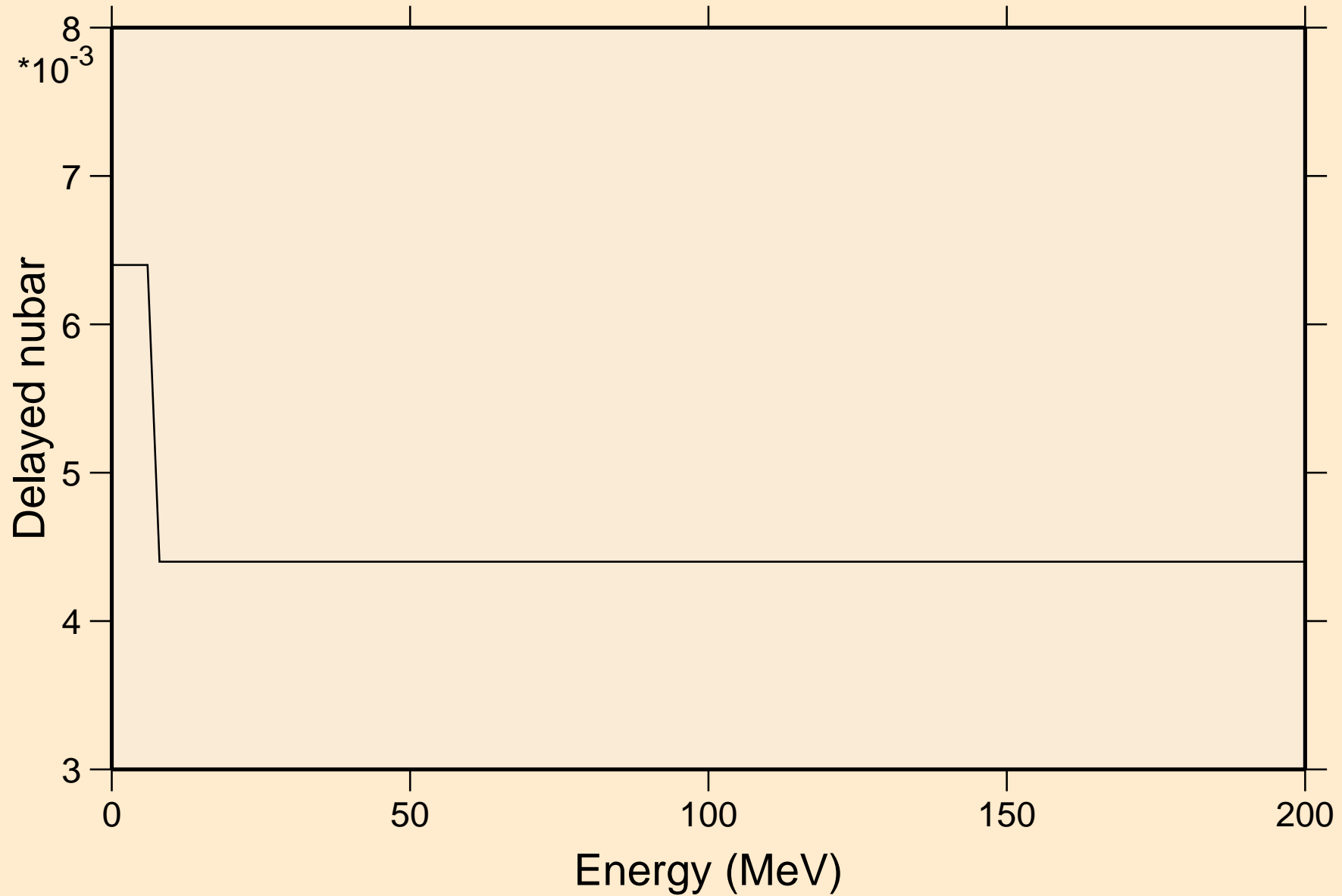


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



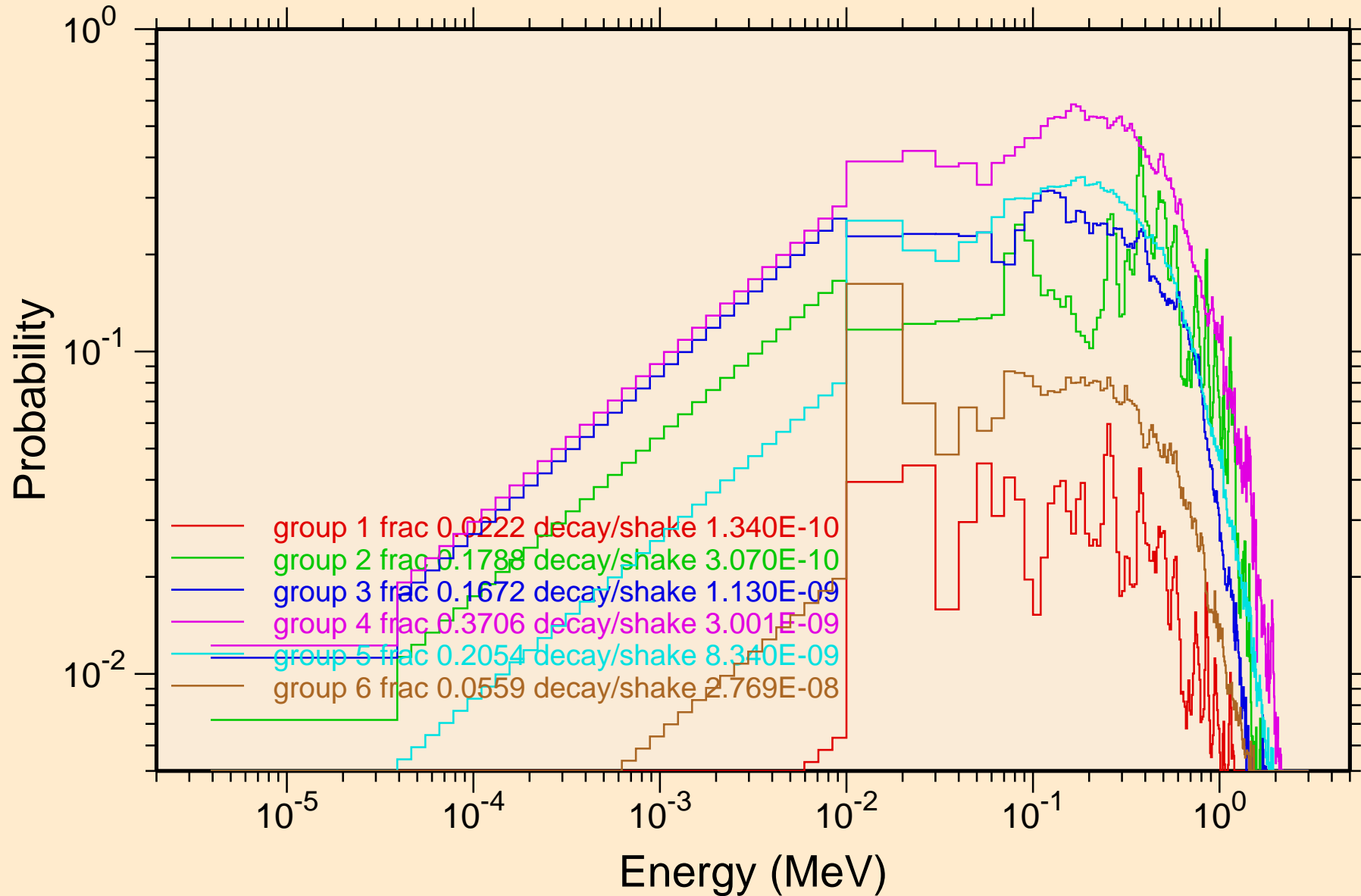
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## Delayed nubar

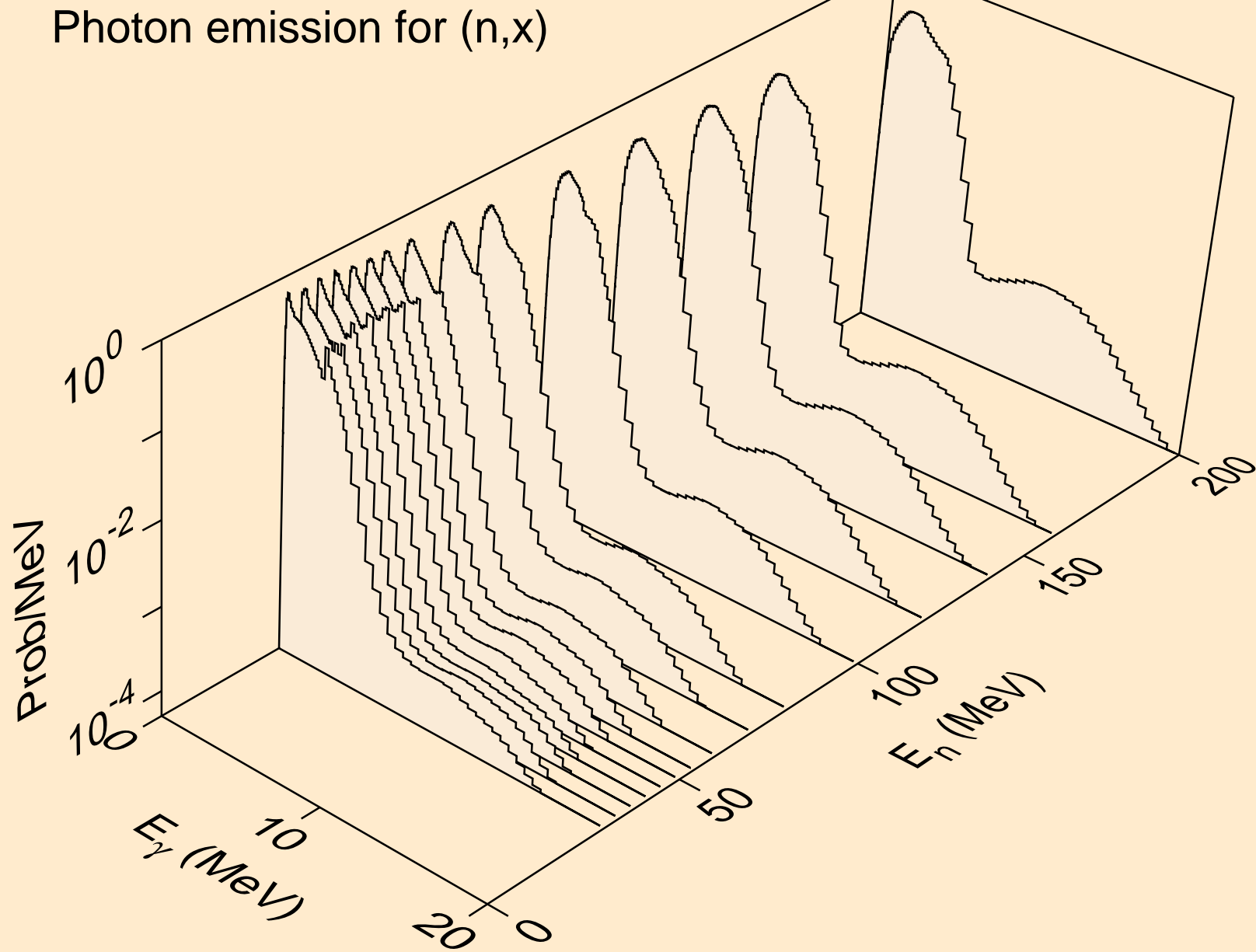


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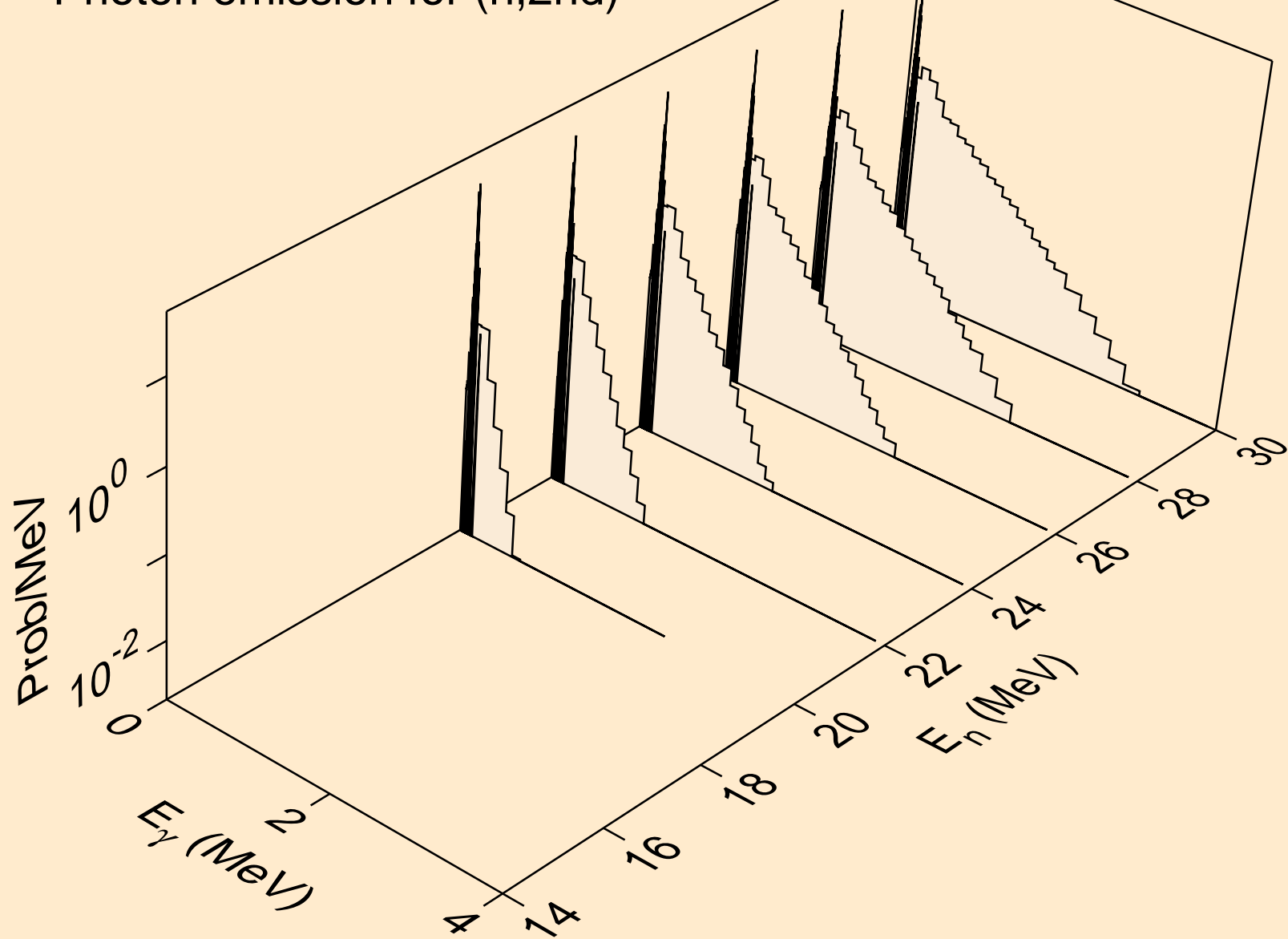
## Delayed neutron spectra



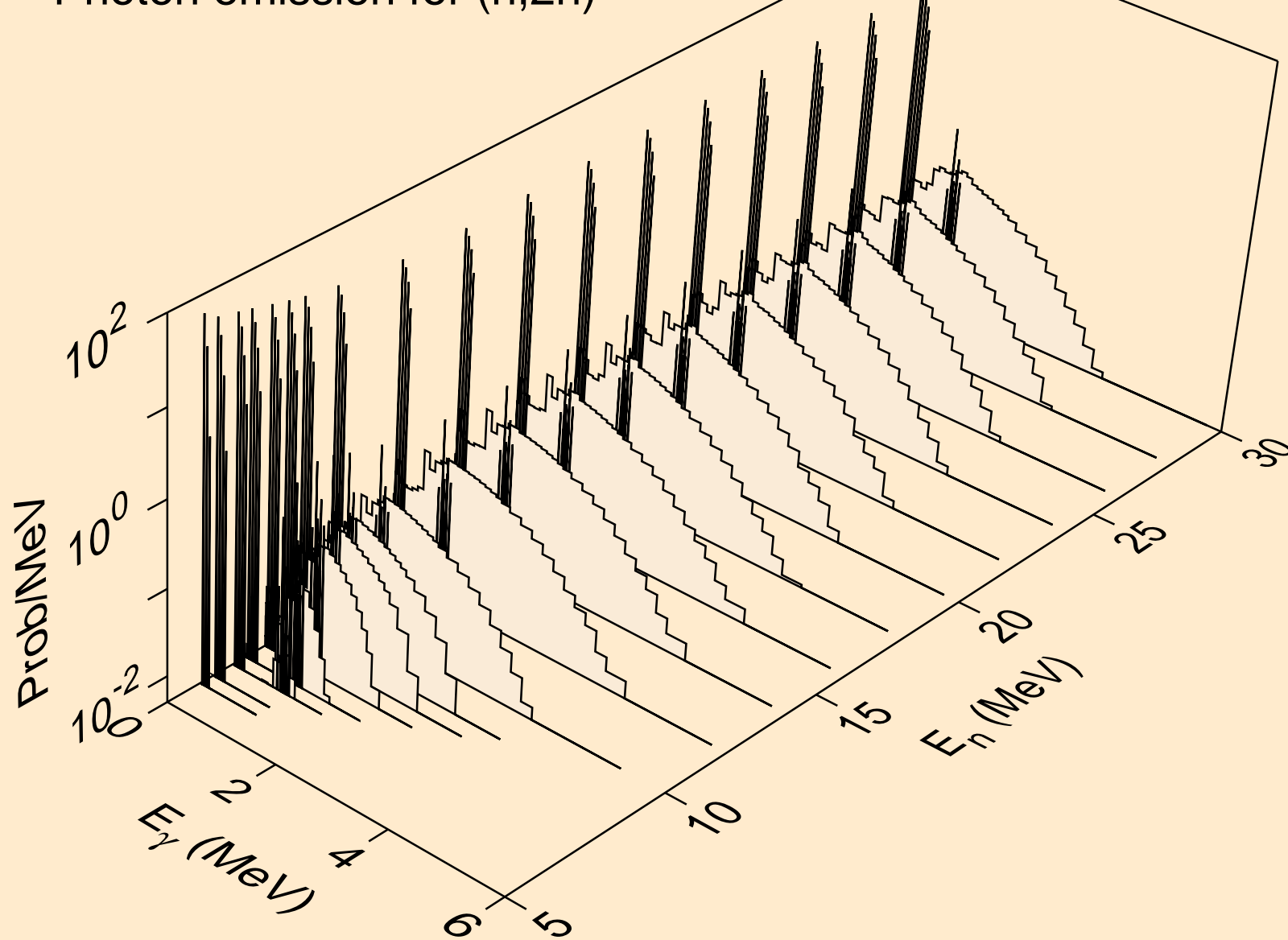
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)



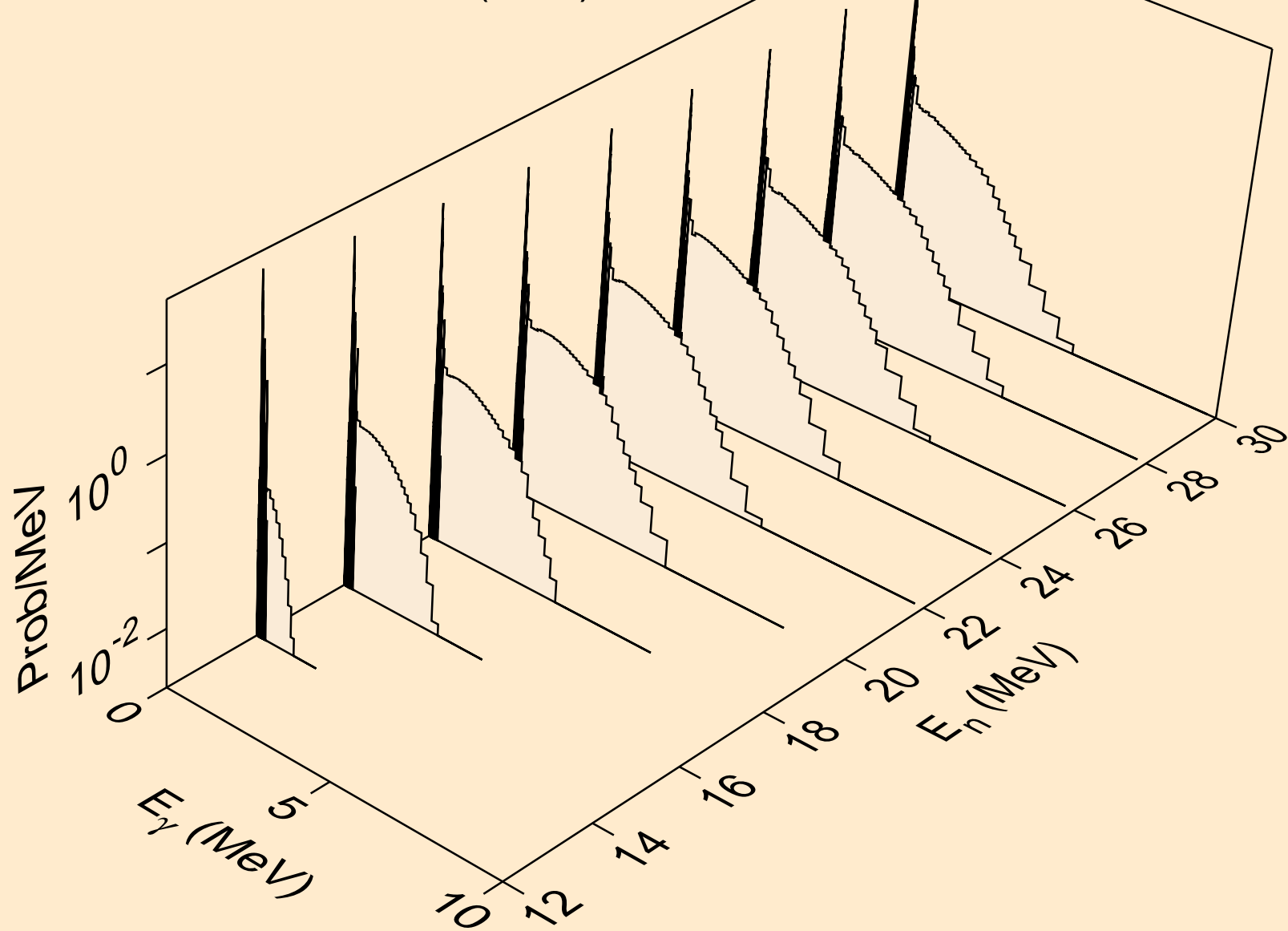
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

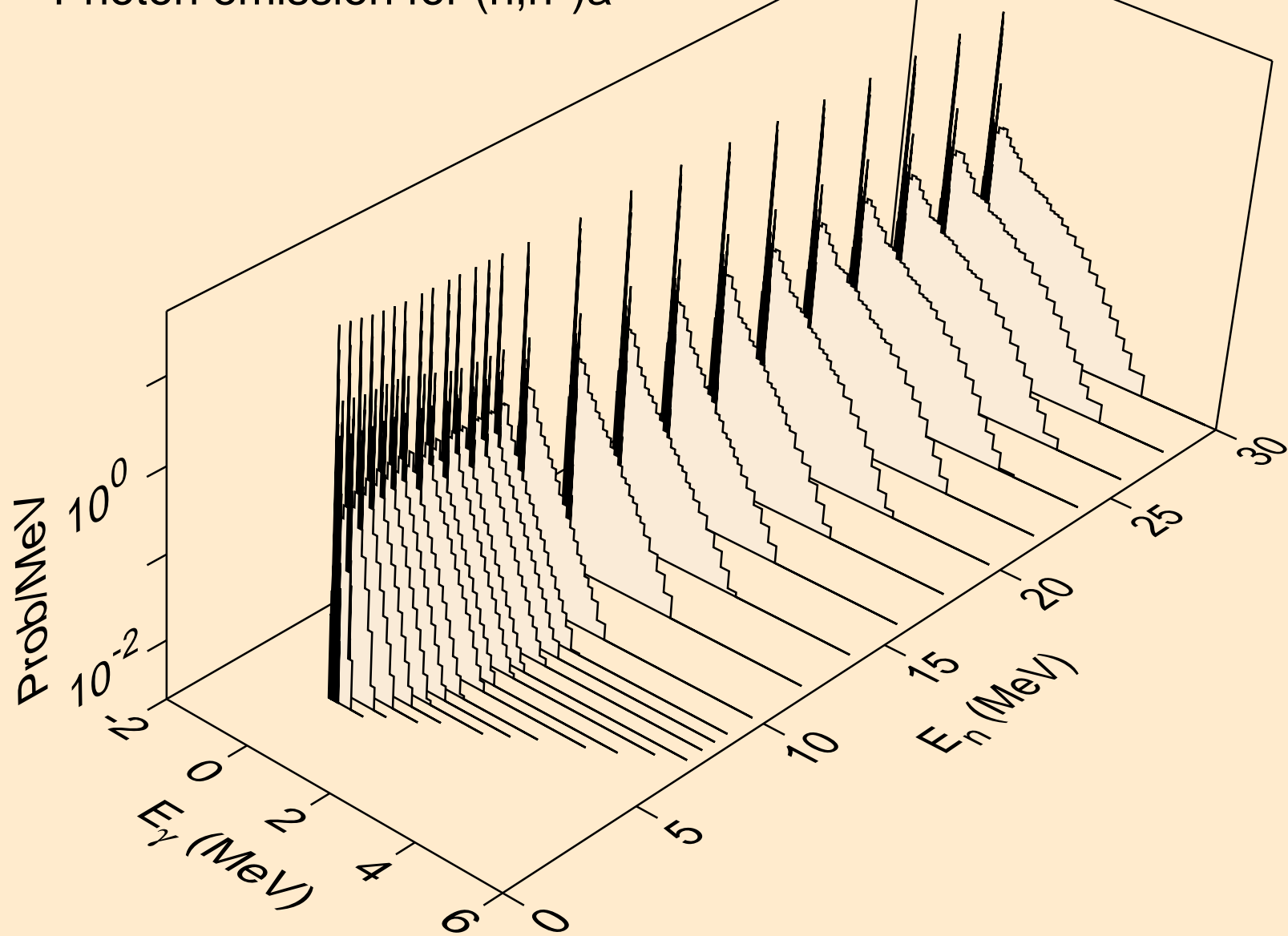


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

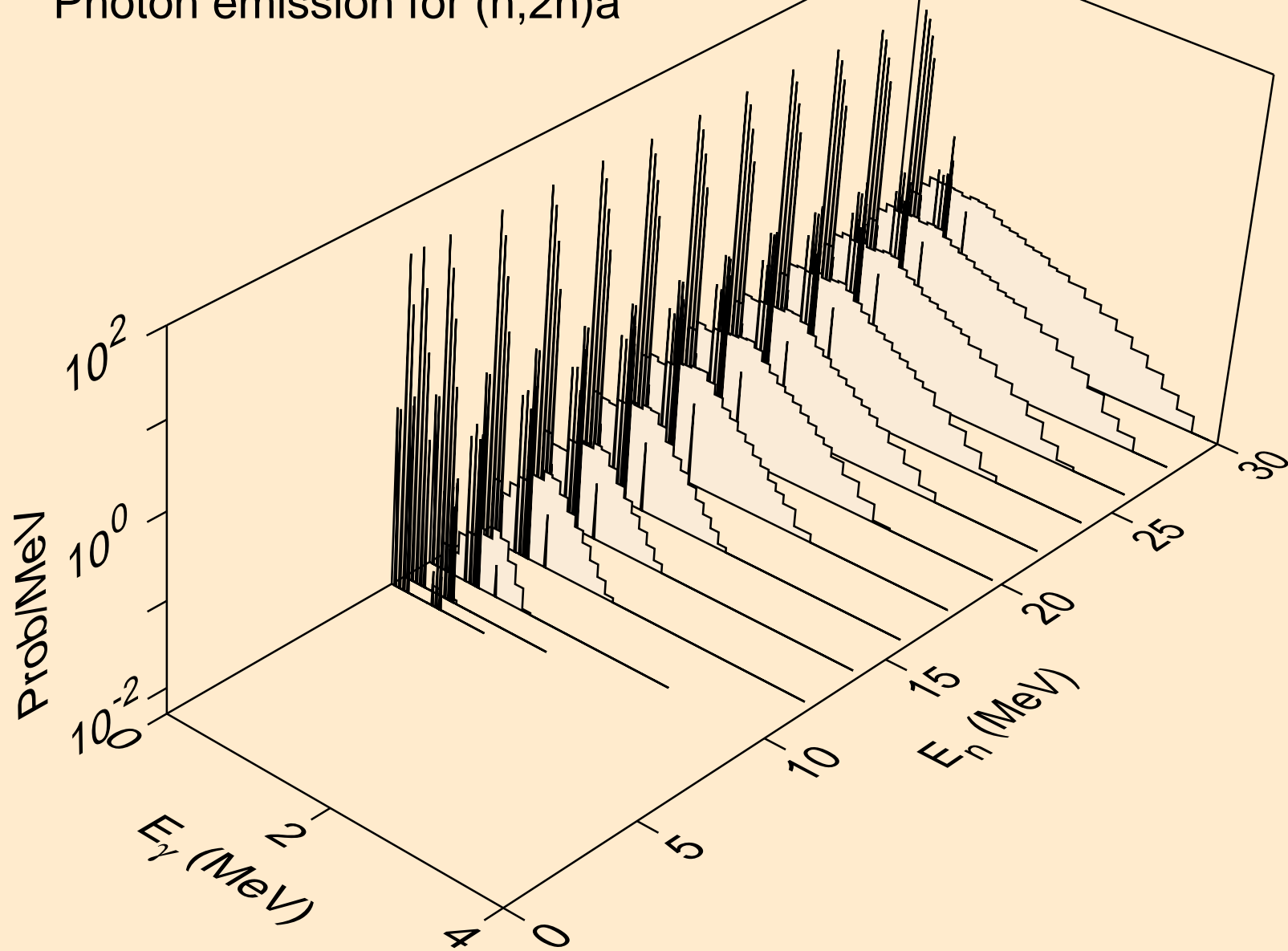




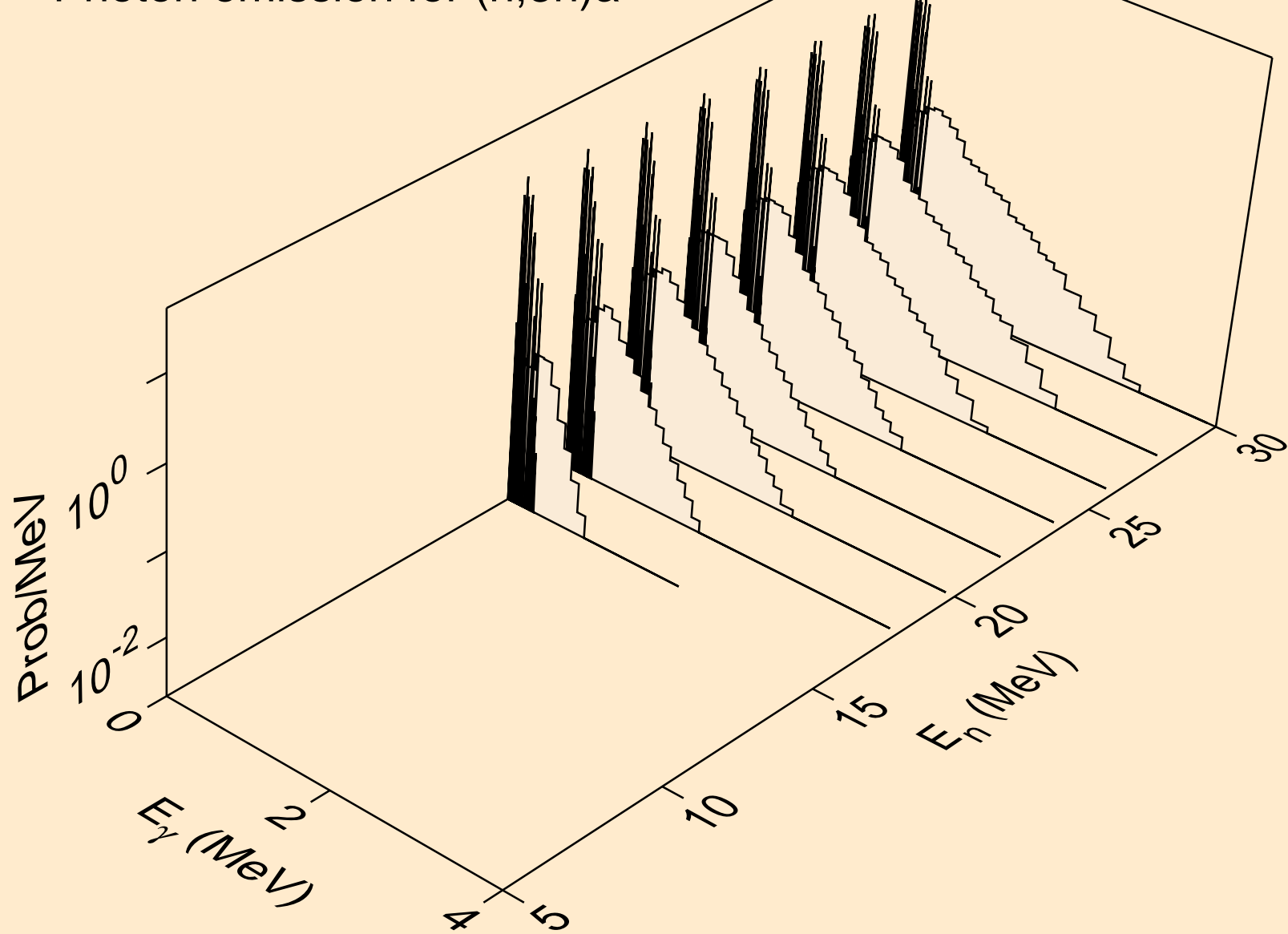
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



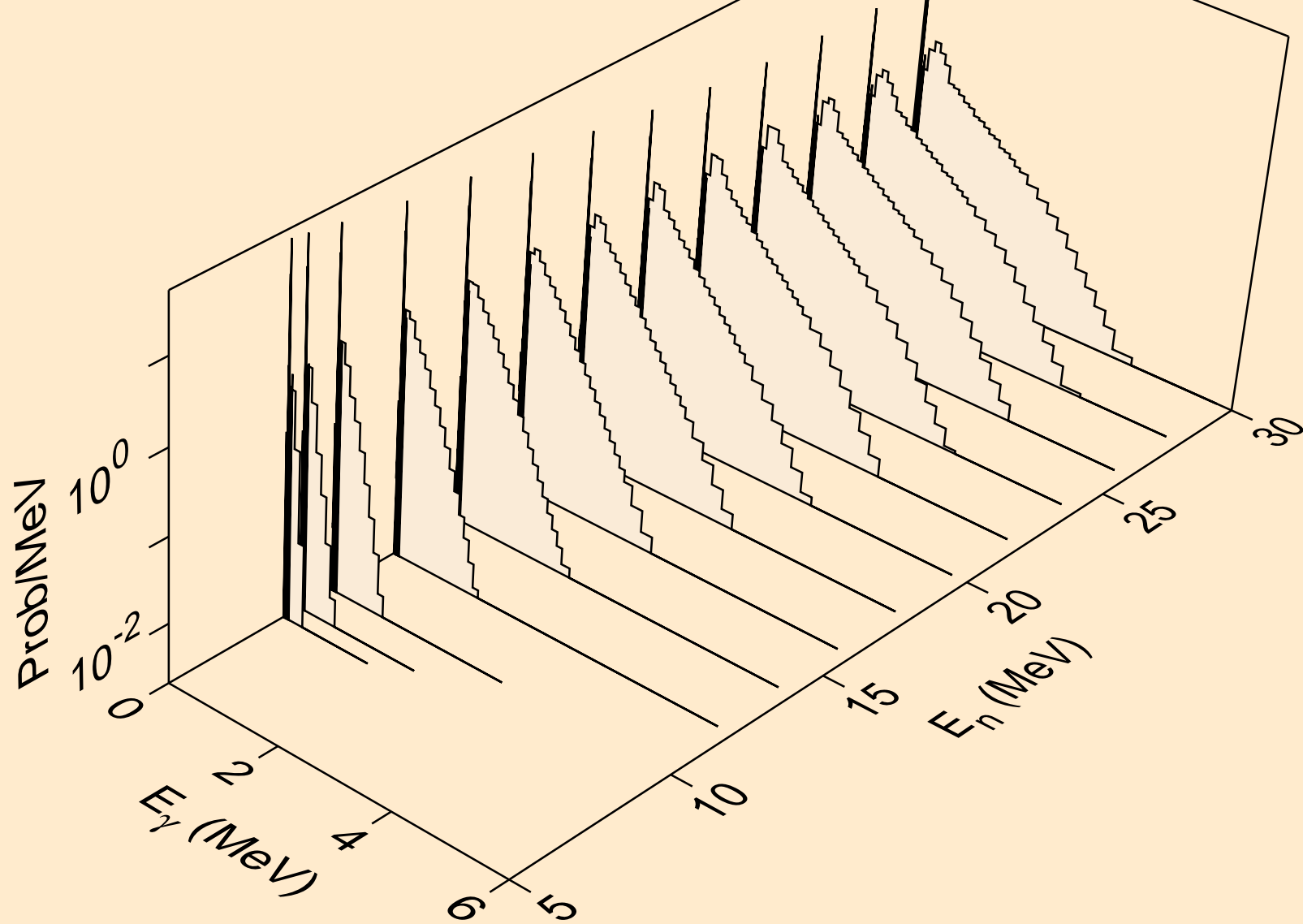
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



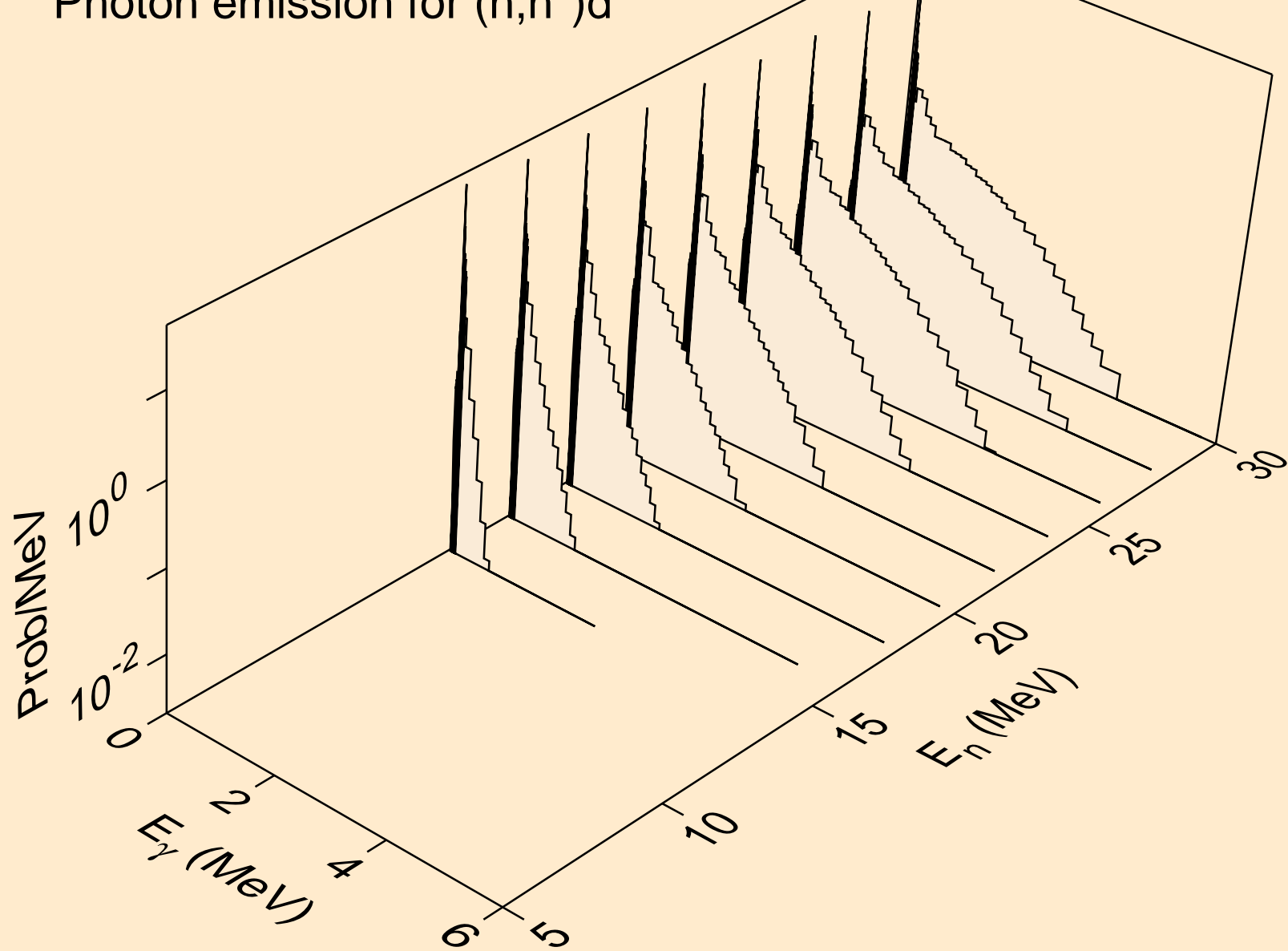
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Photon emission for (n,3n)a



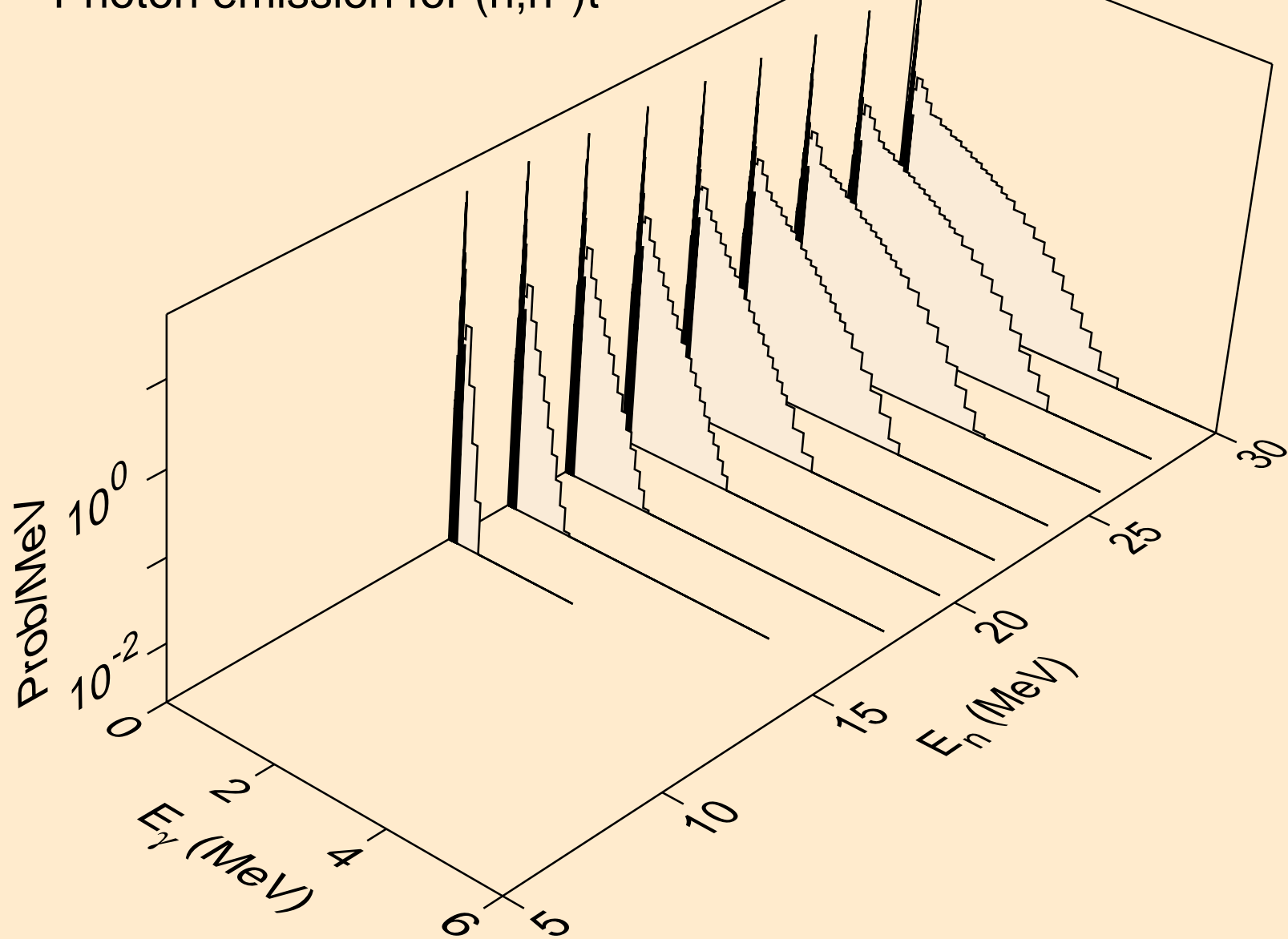
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



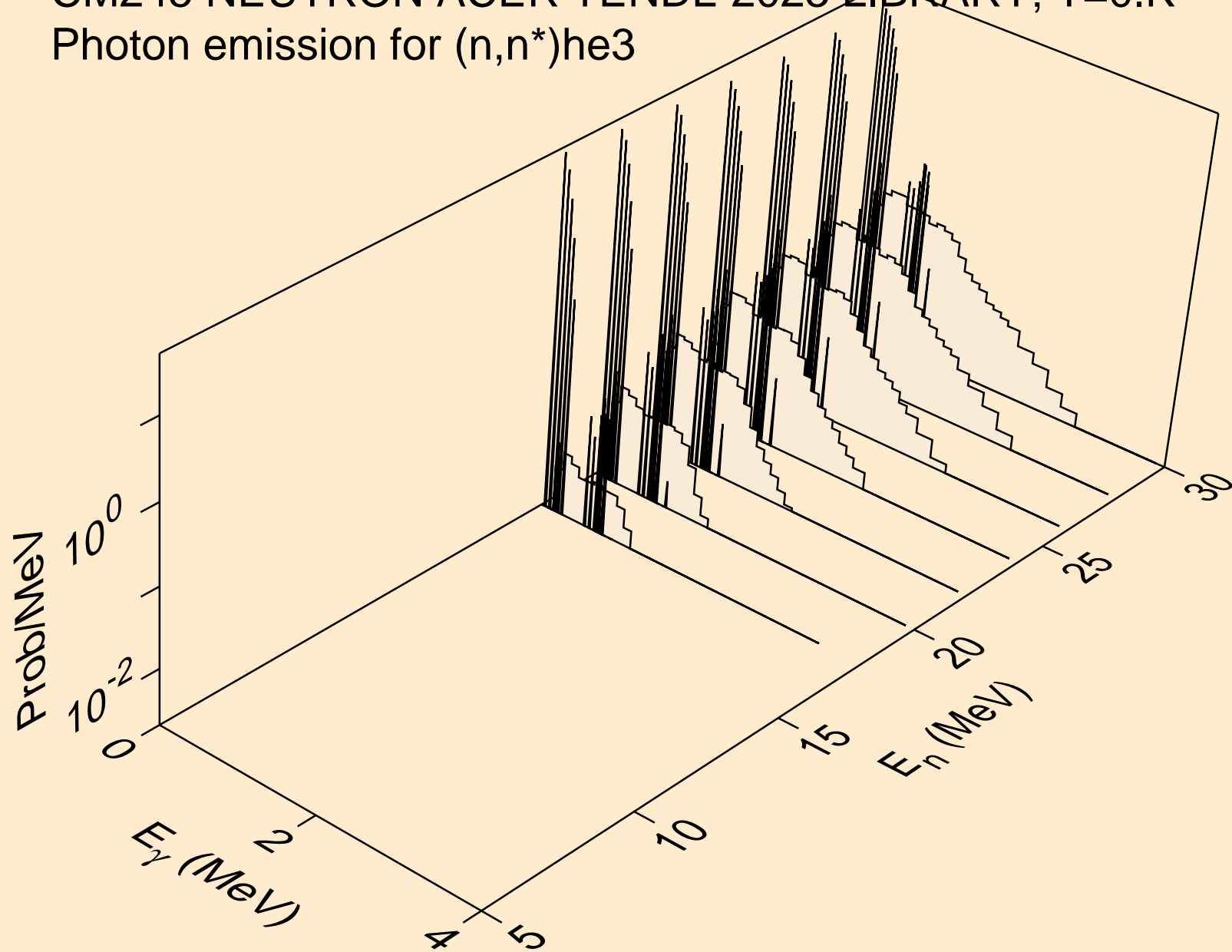
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



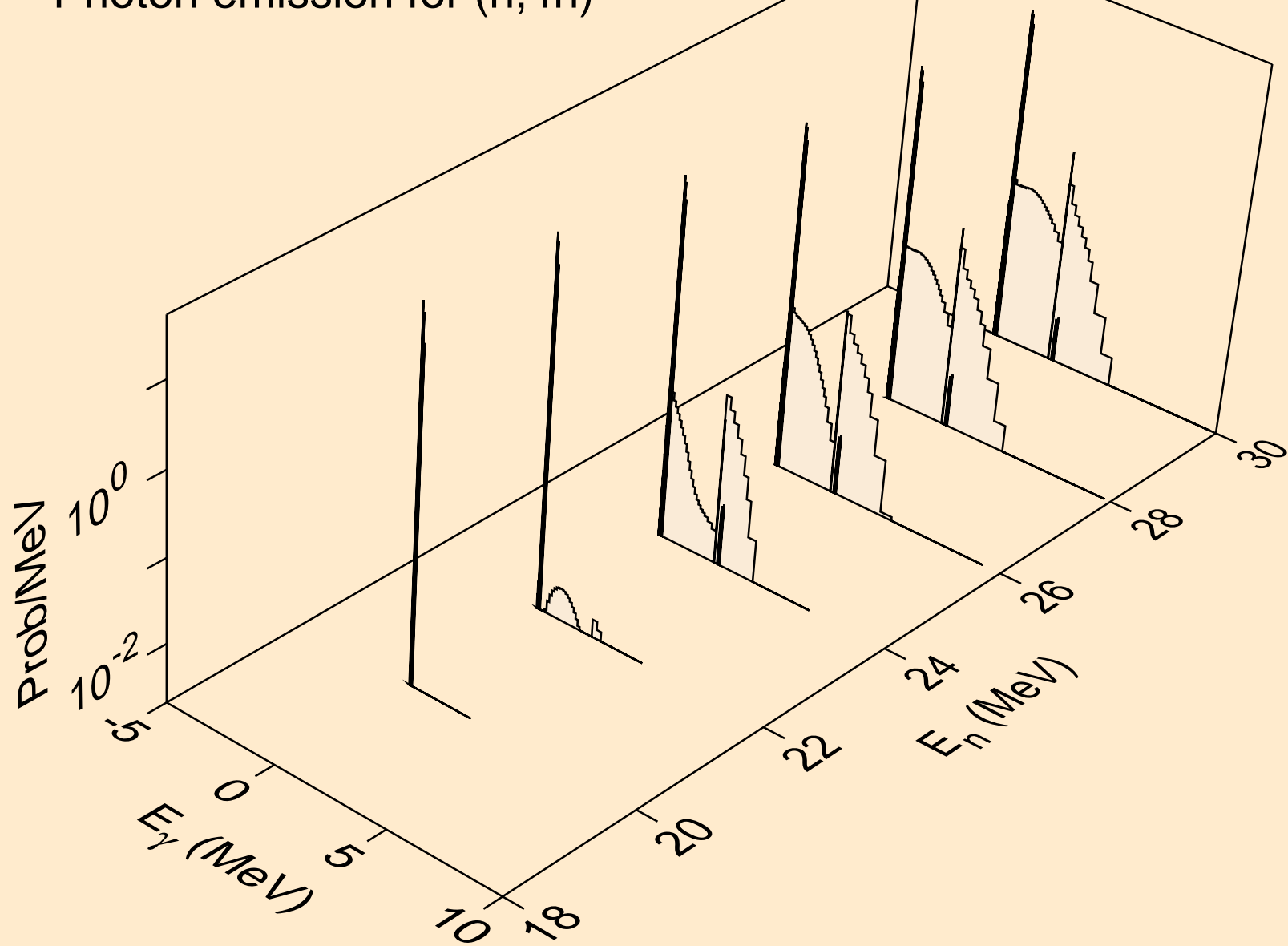
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

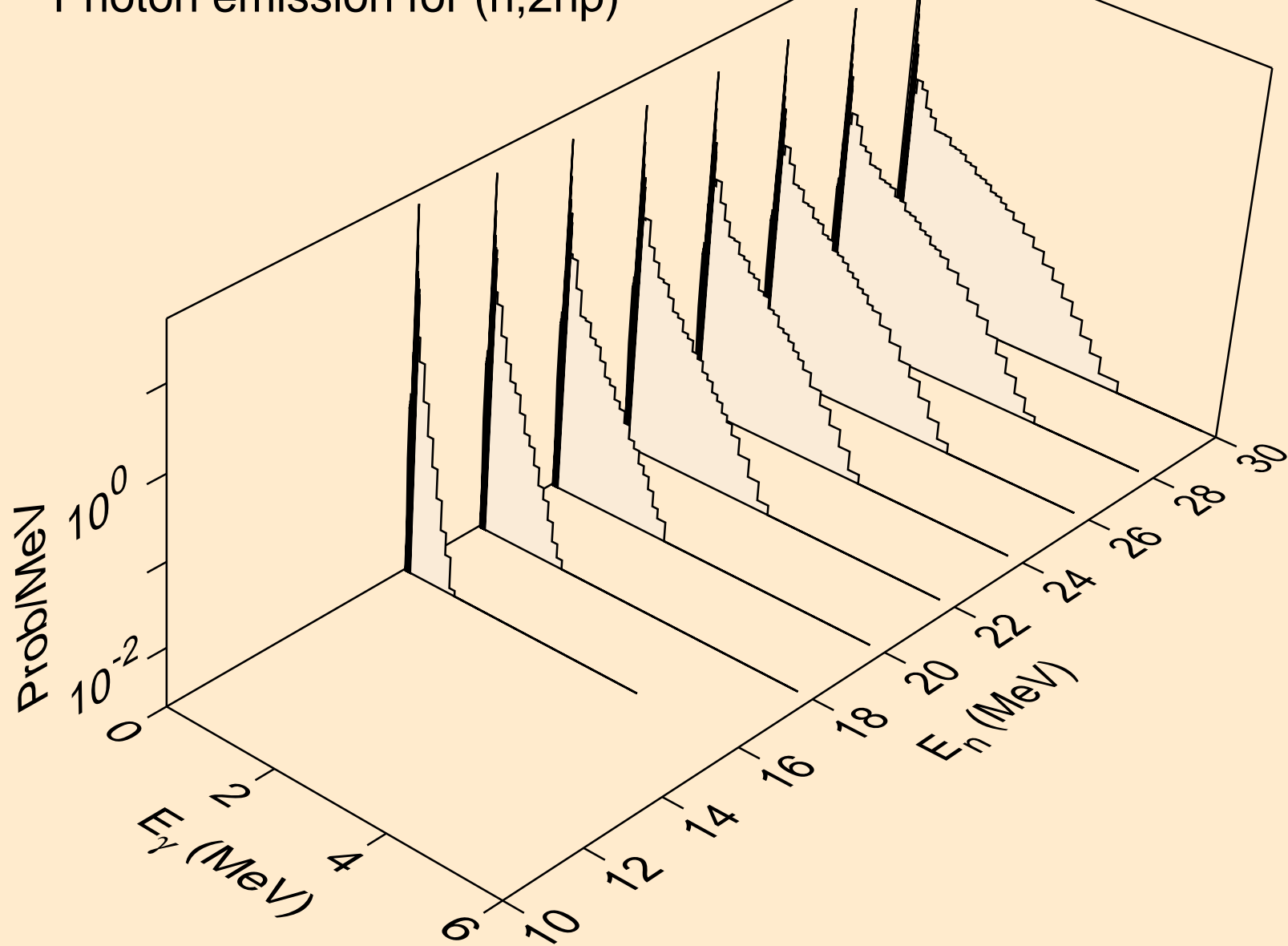


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

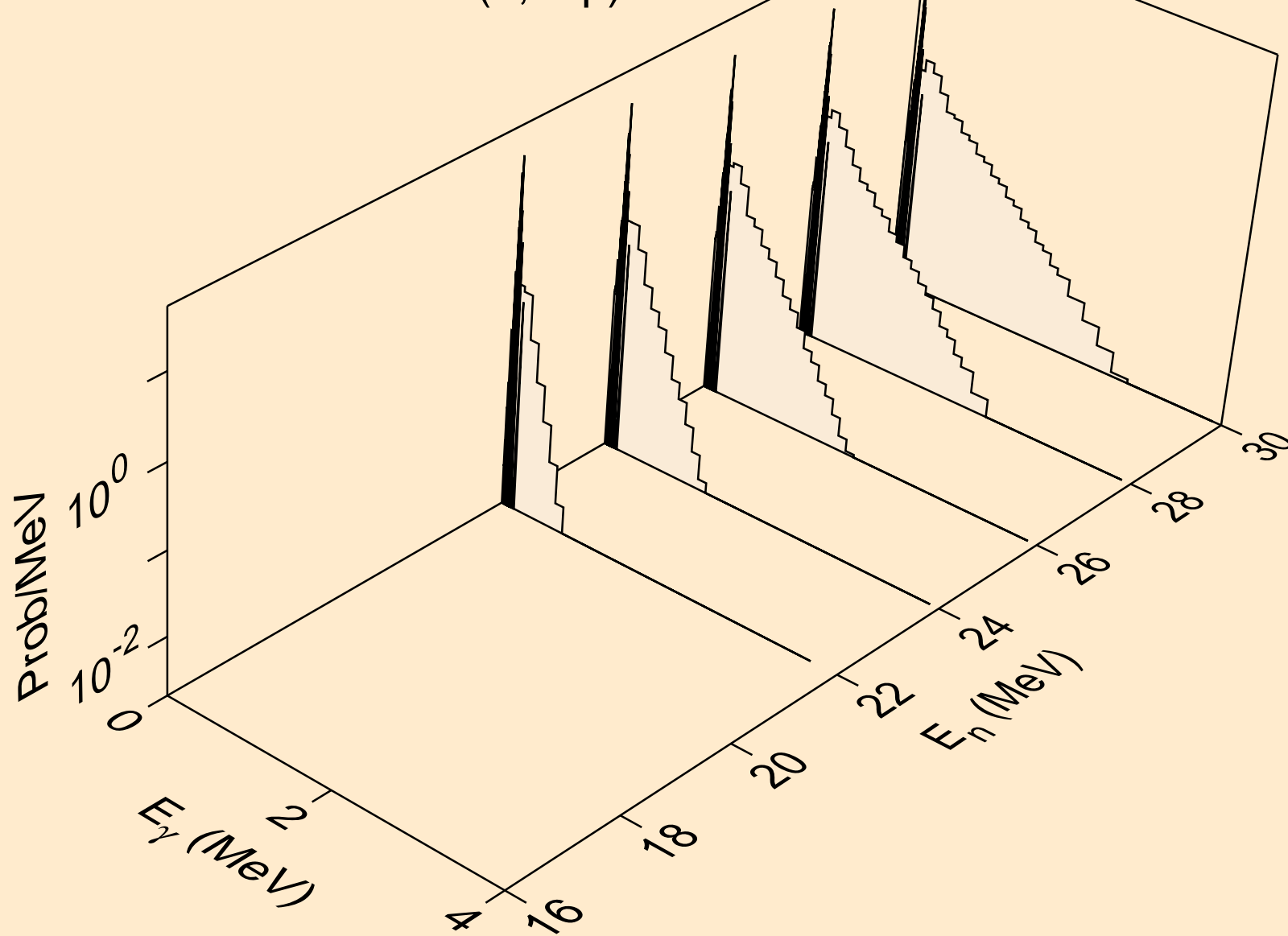




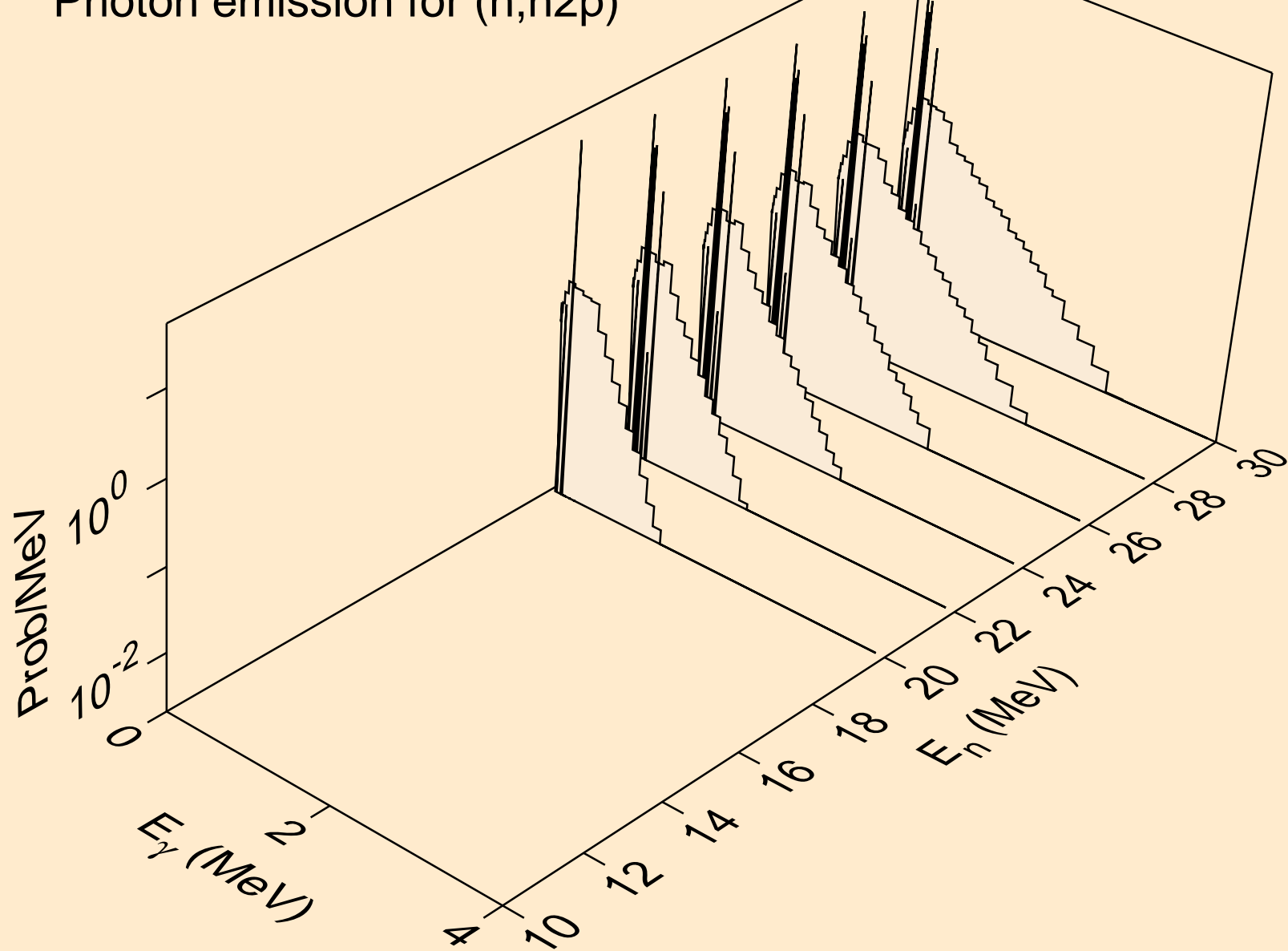
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Photon emission for (n,2np)



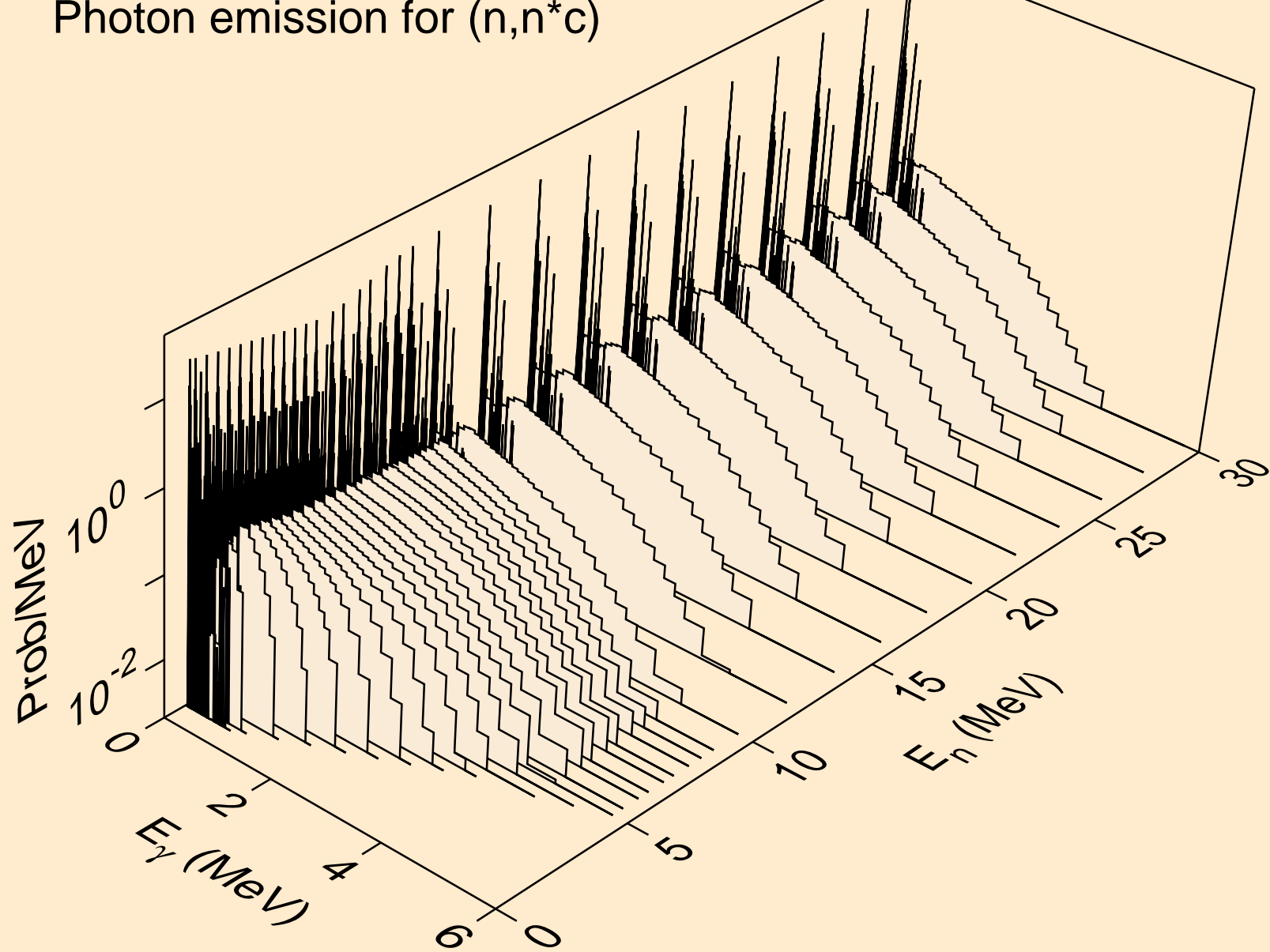
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Photon emission for (n,3np)



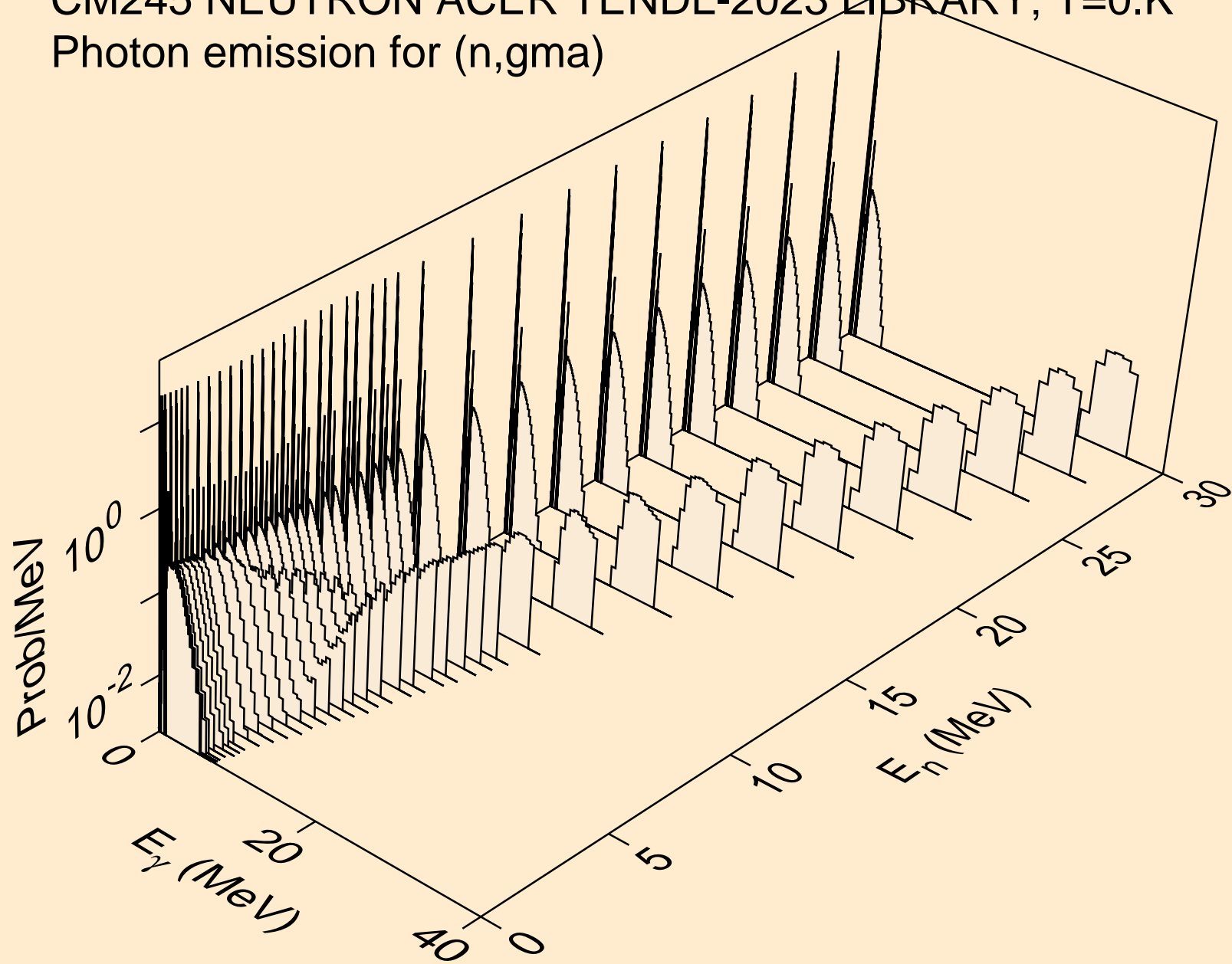
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Photon emission for (n,n2p)



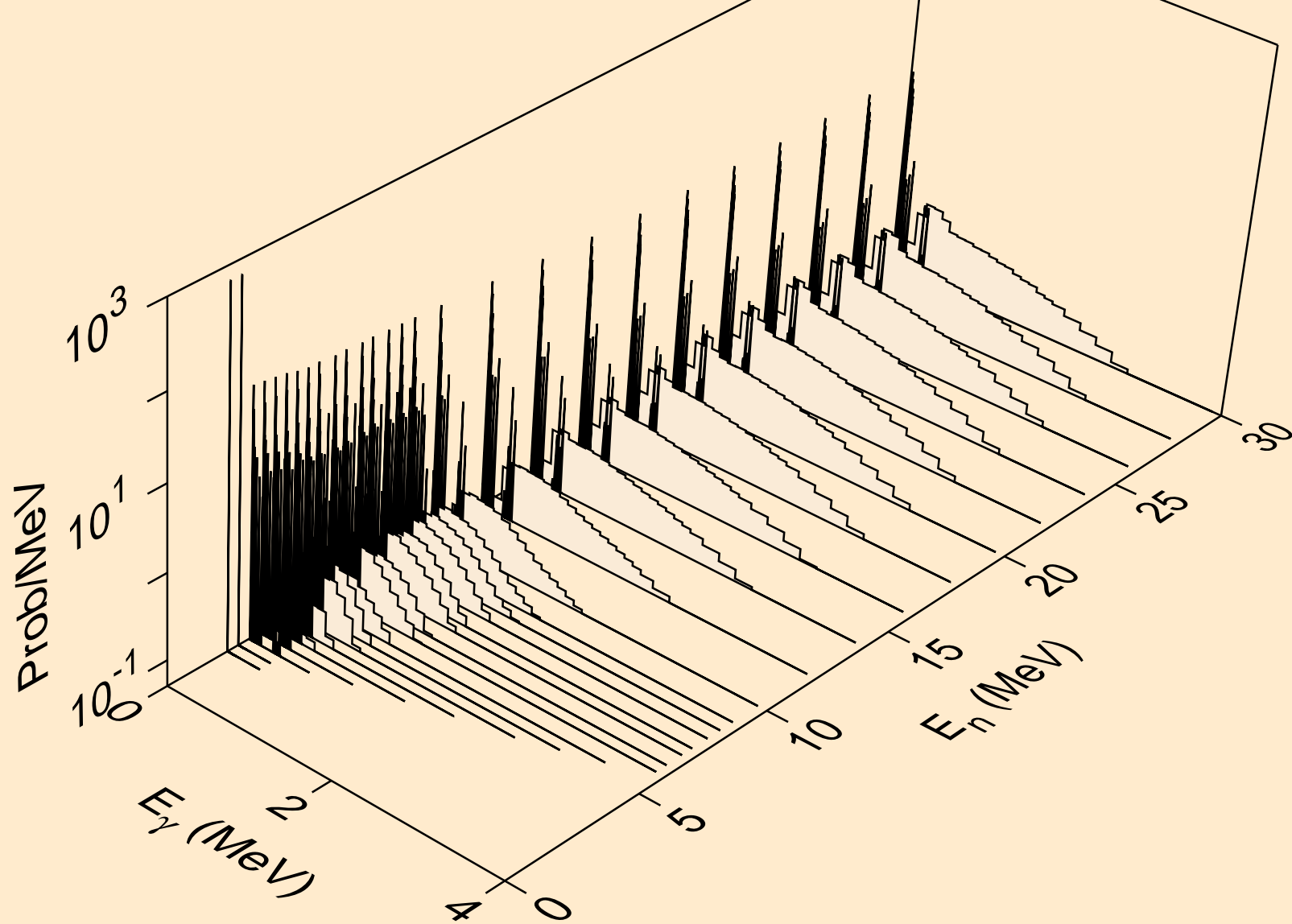
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Photon emission for (n,n\*c)



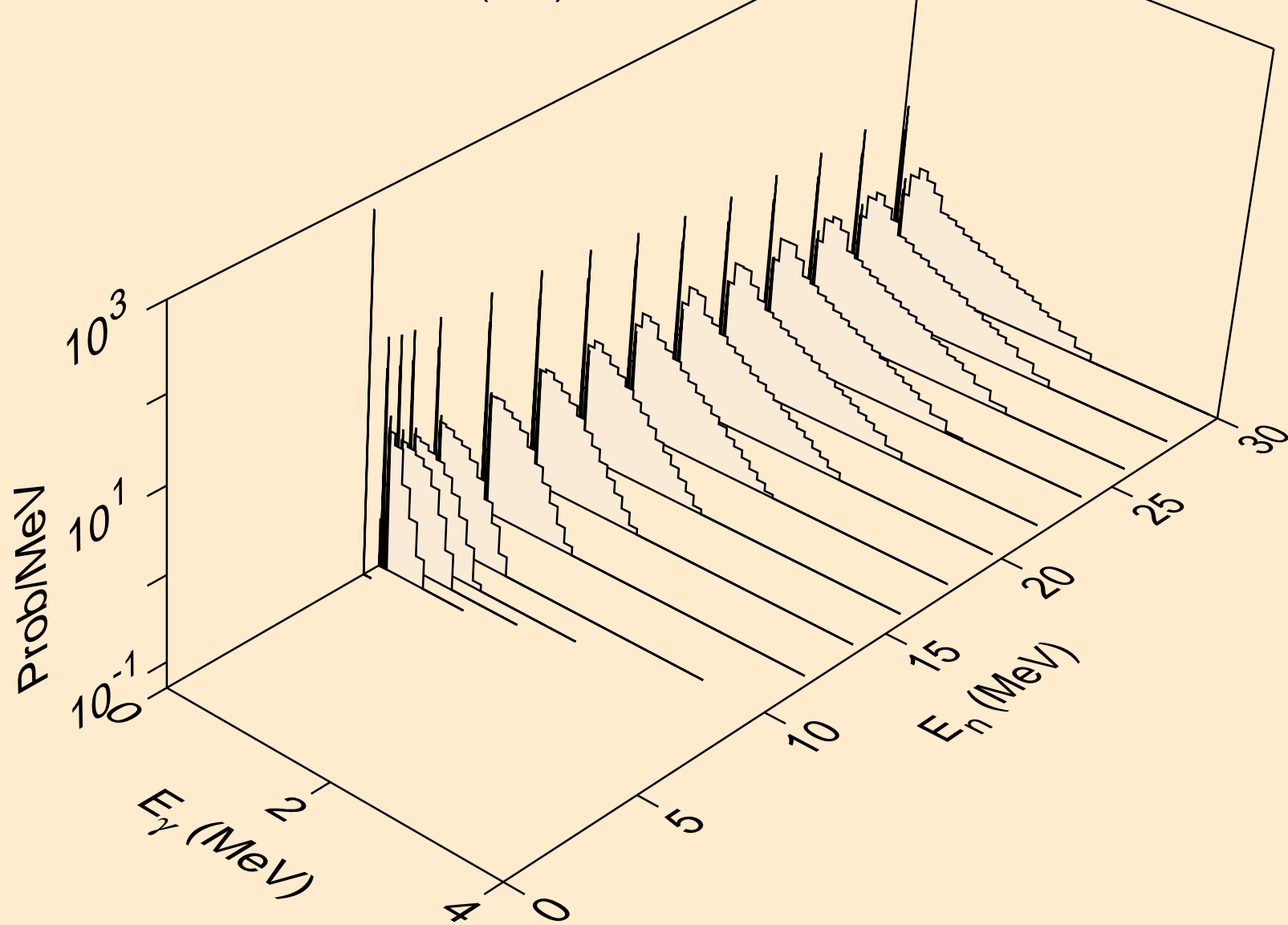
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Photon emission for (n,gma)



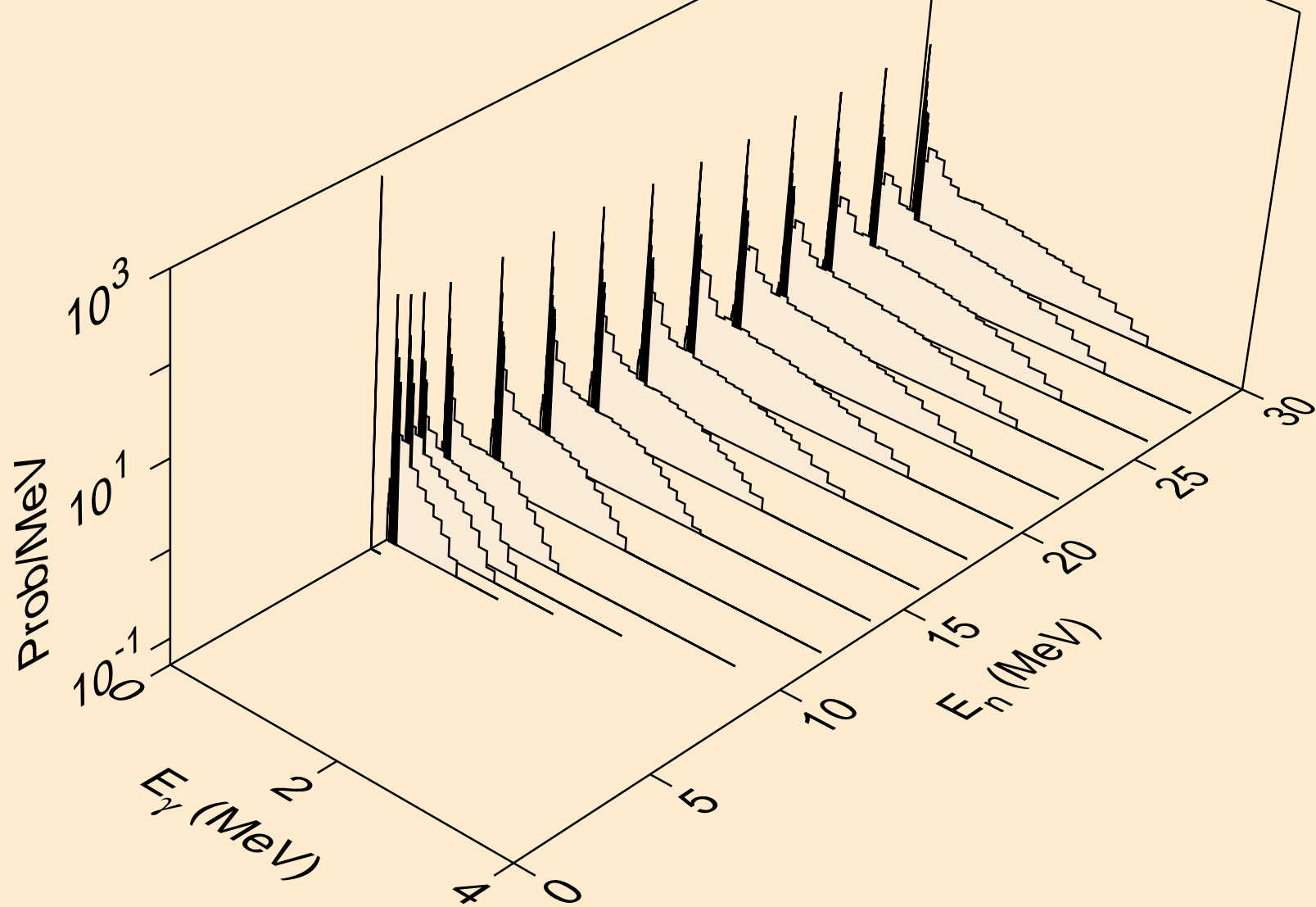
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

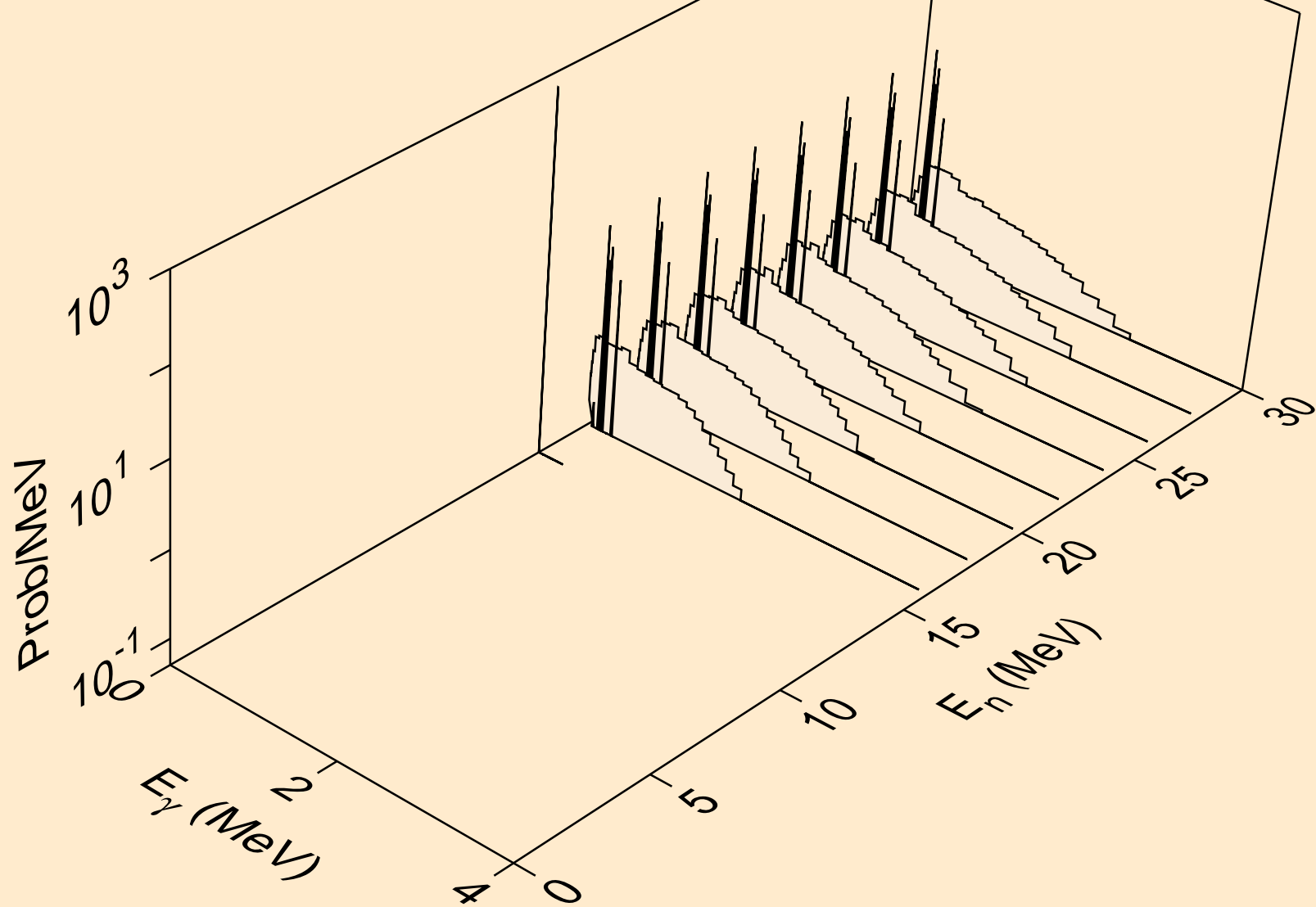


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

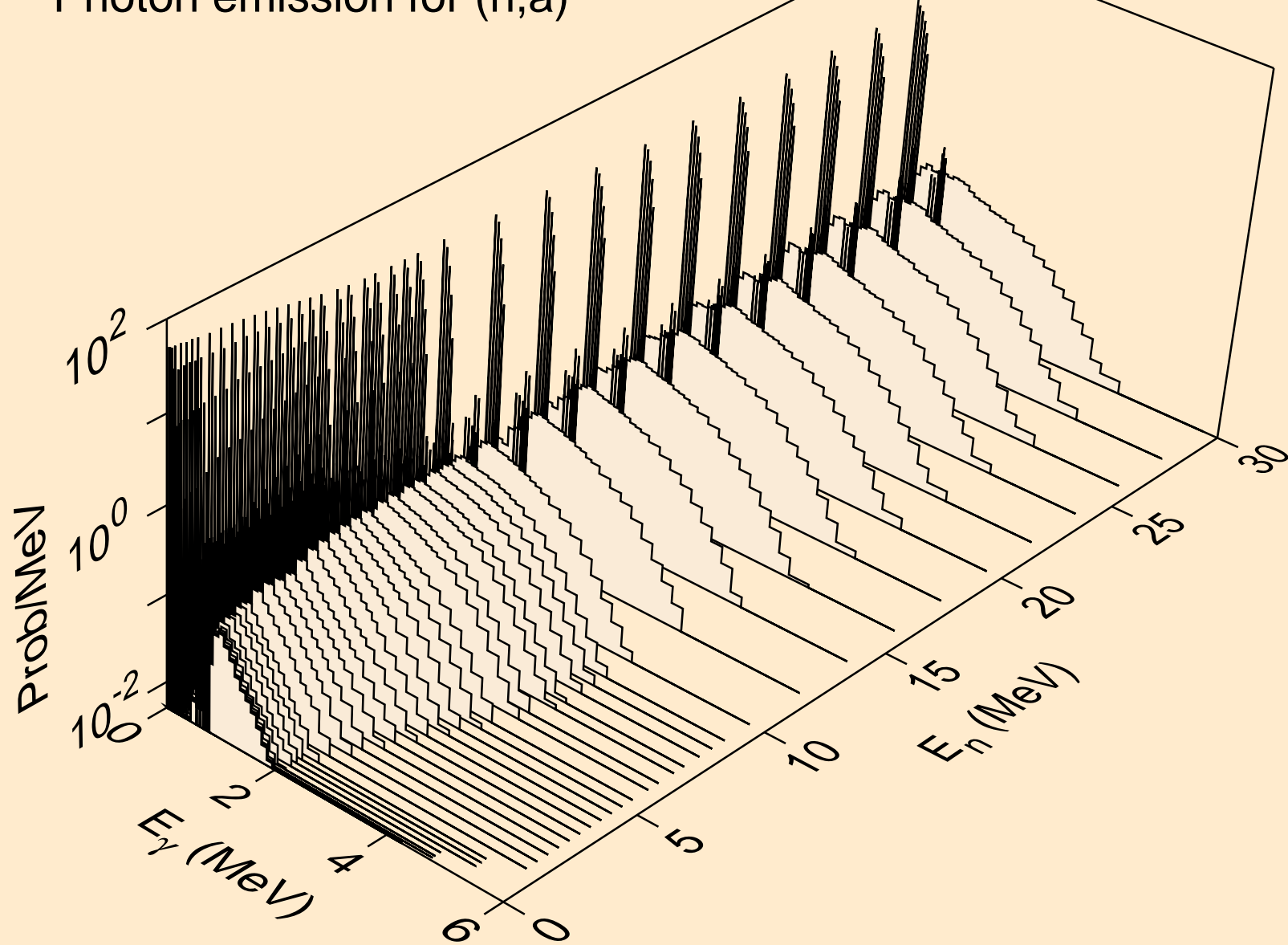




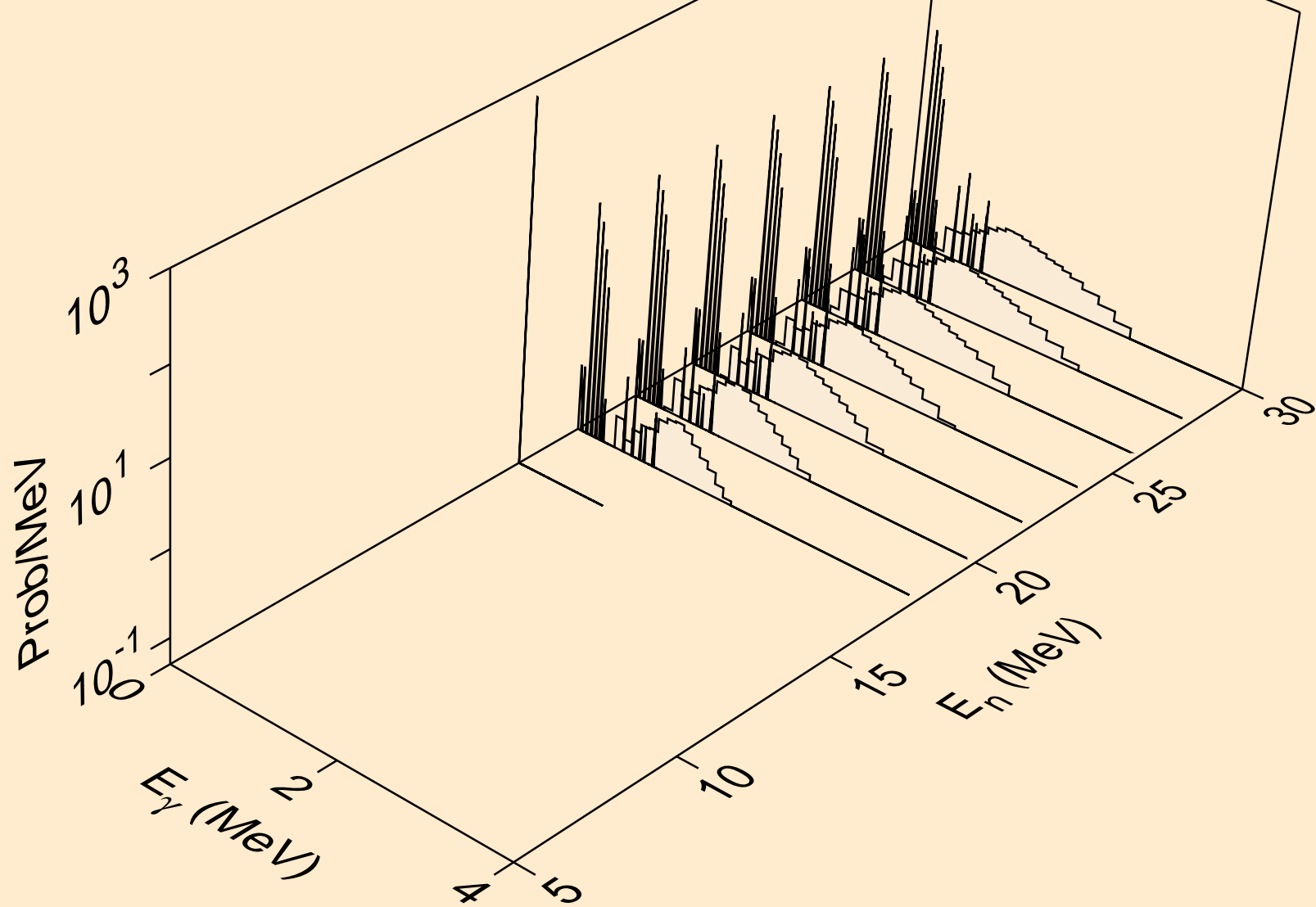
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Photon emission for (n,he3)



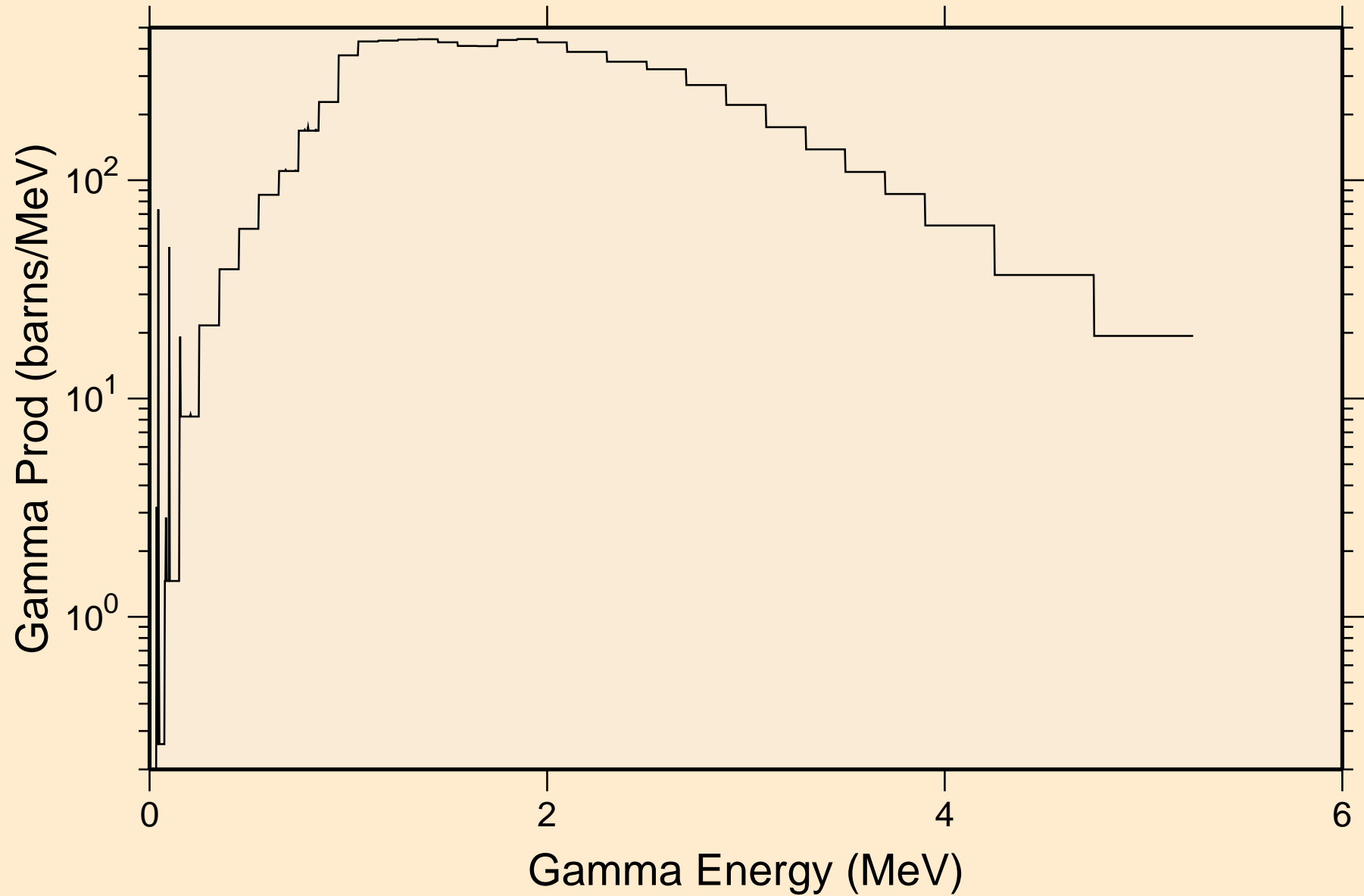
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



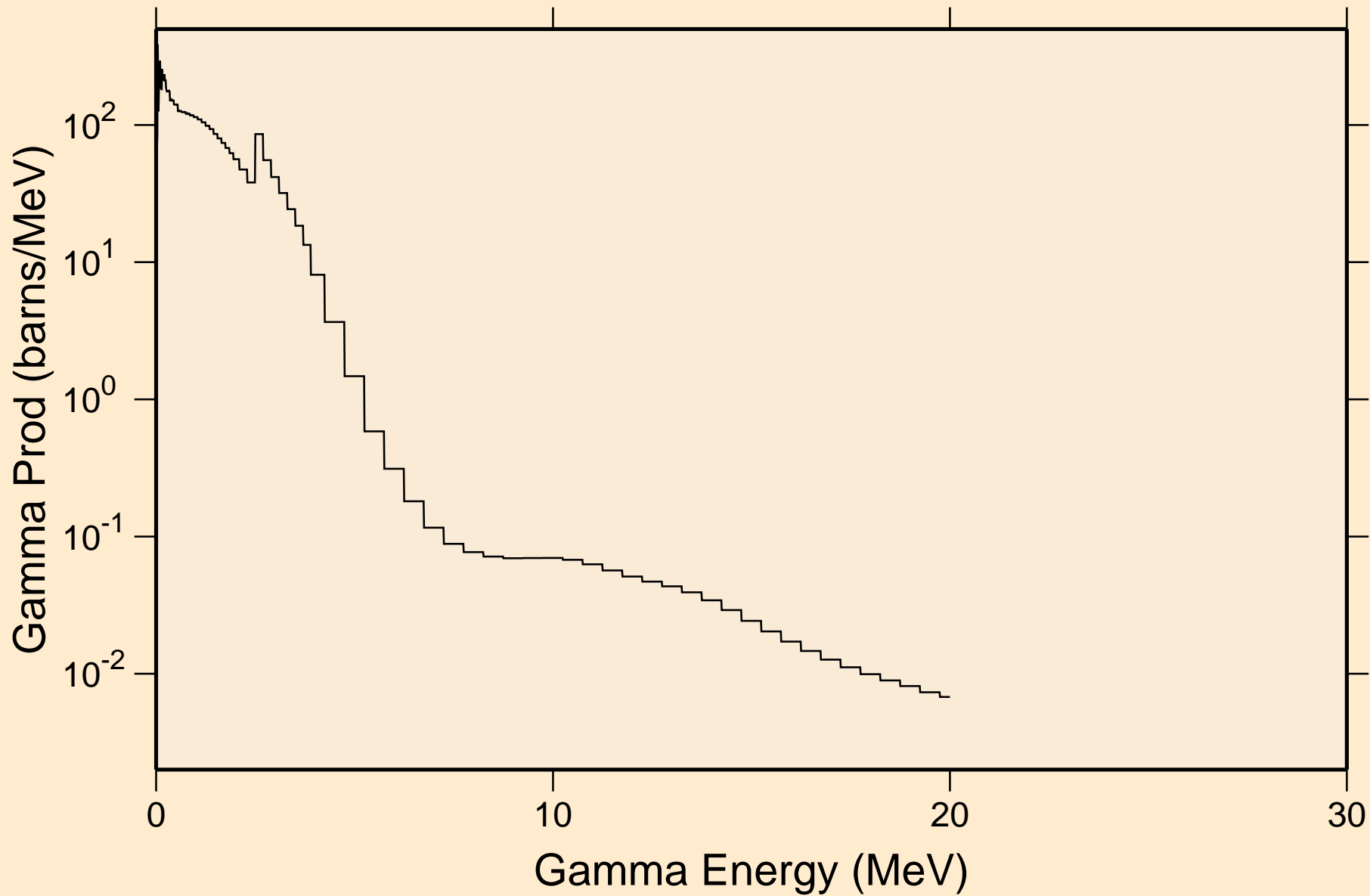
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



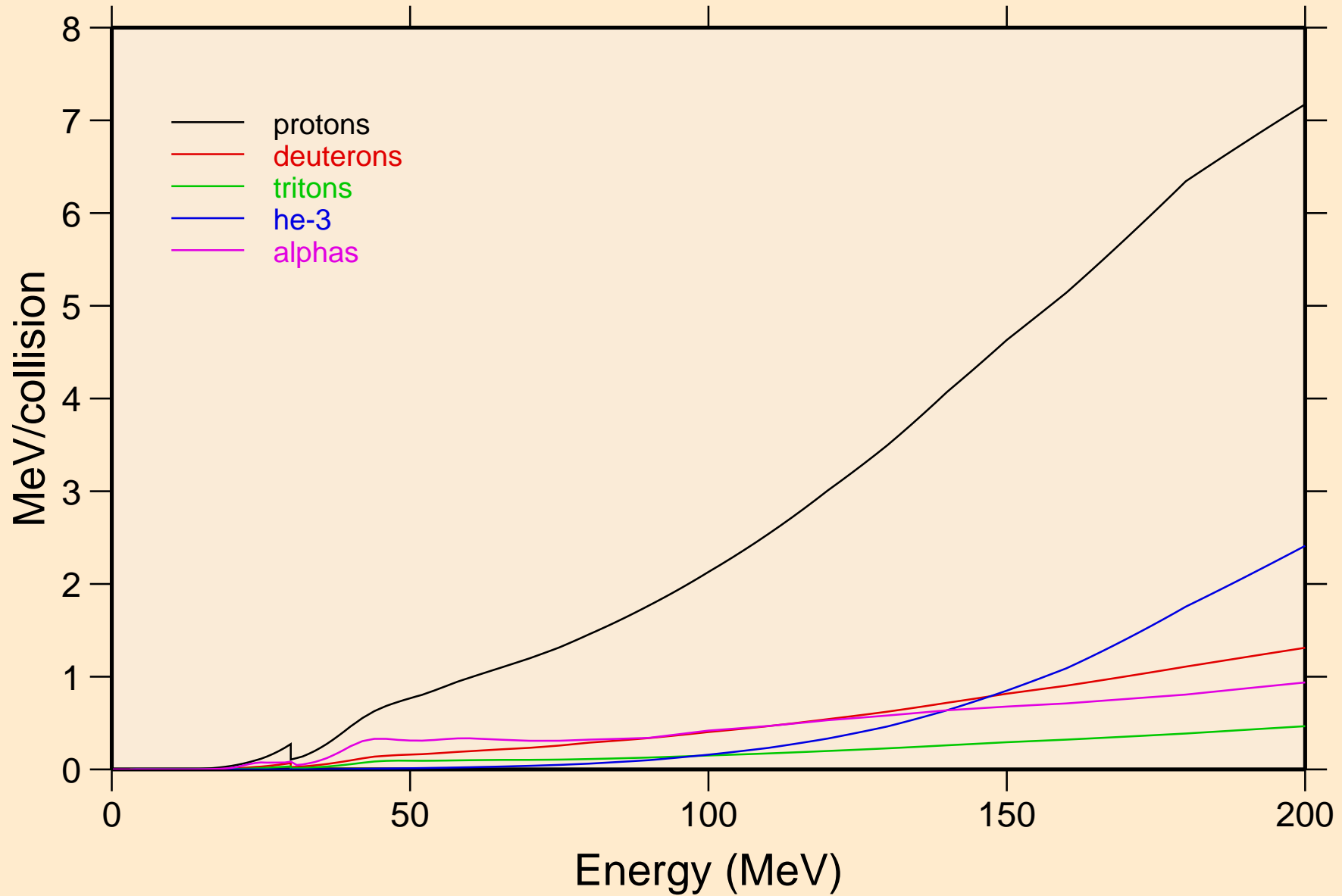
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
14 MeV photon spectrum

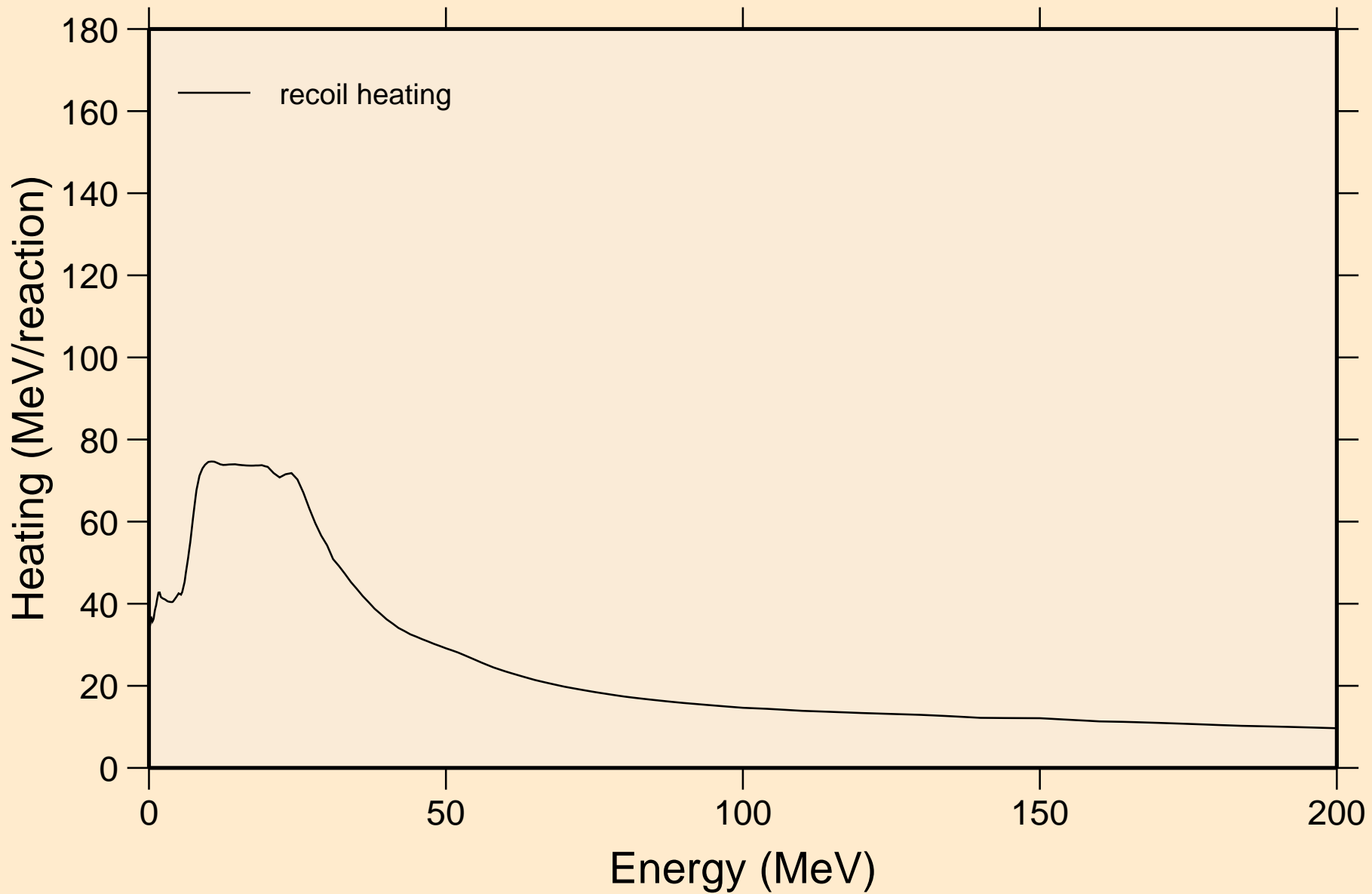


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



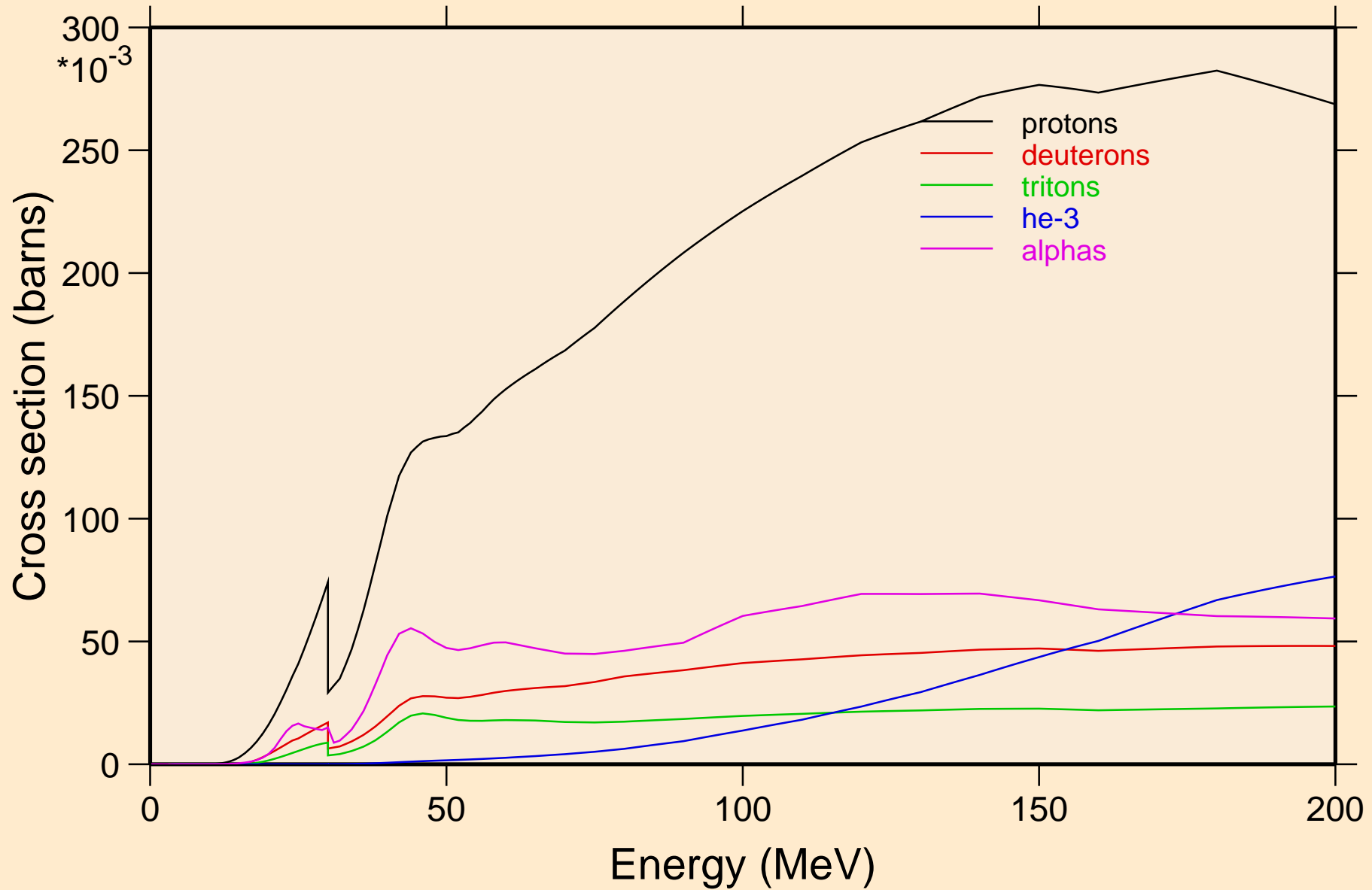
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## Recoil Heating



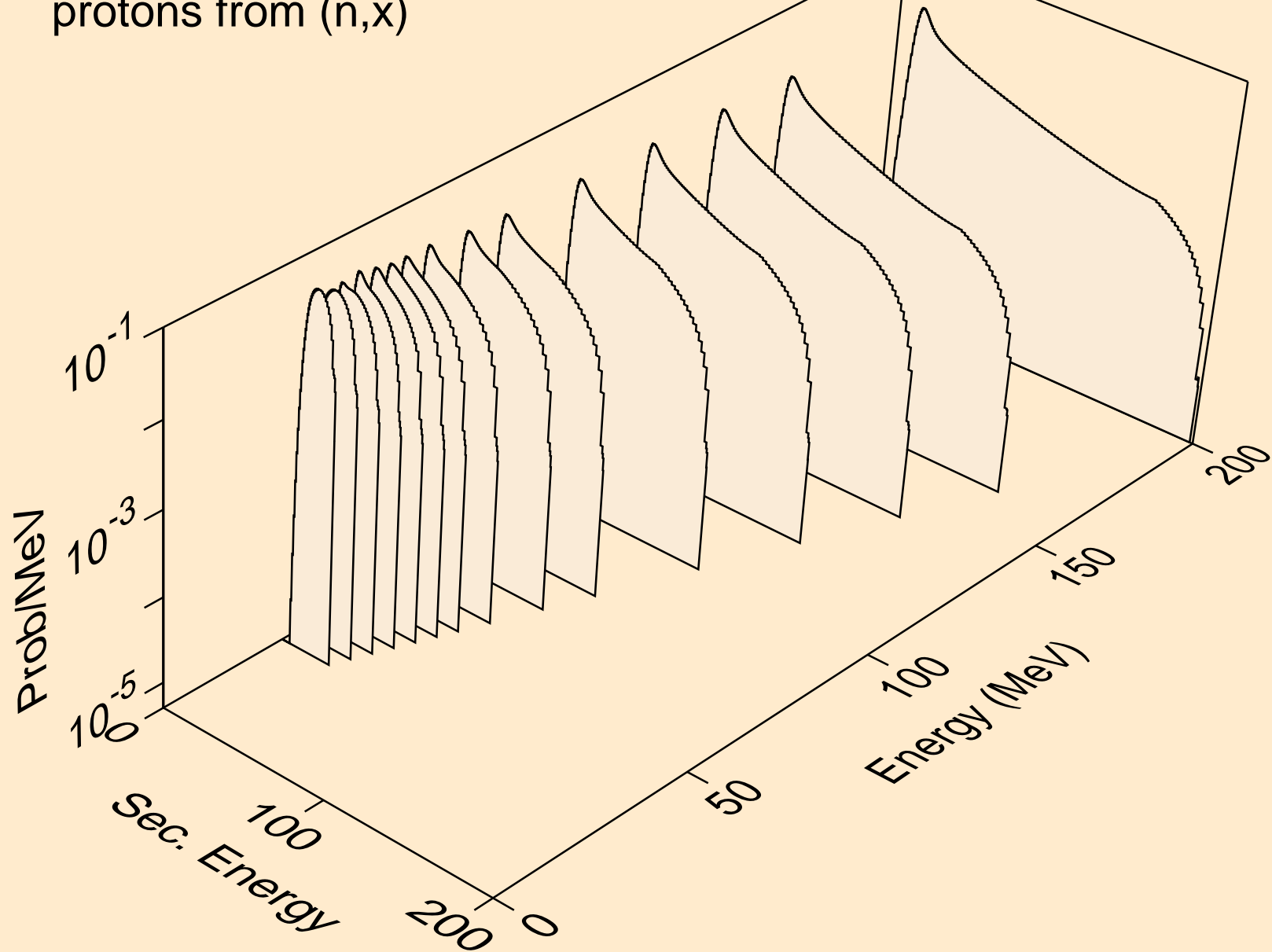
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## Particle production cross sections

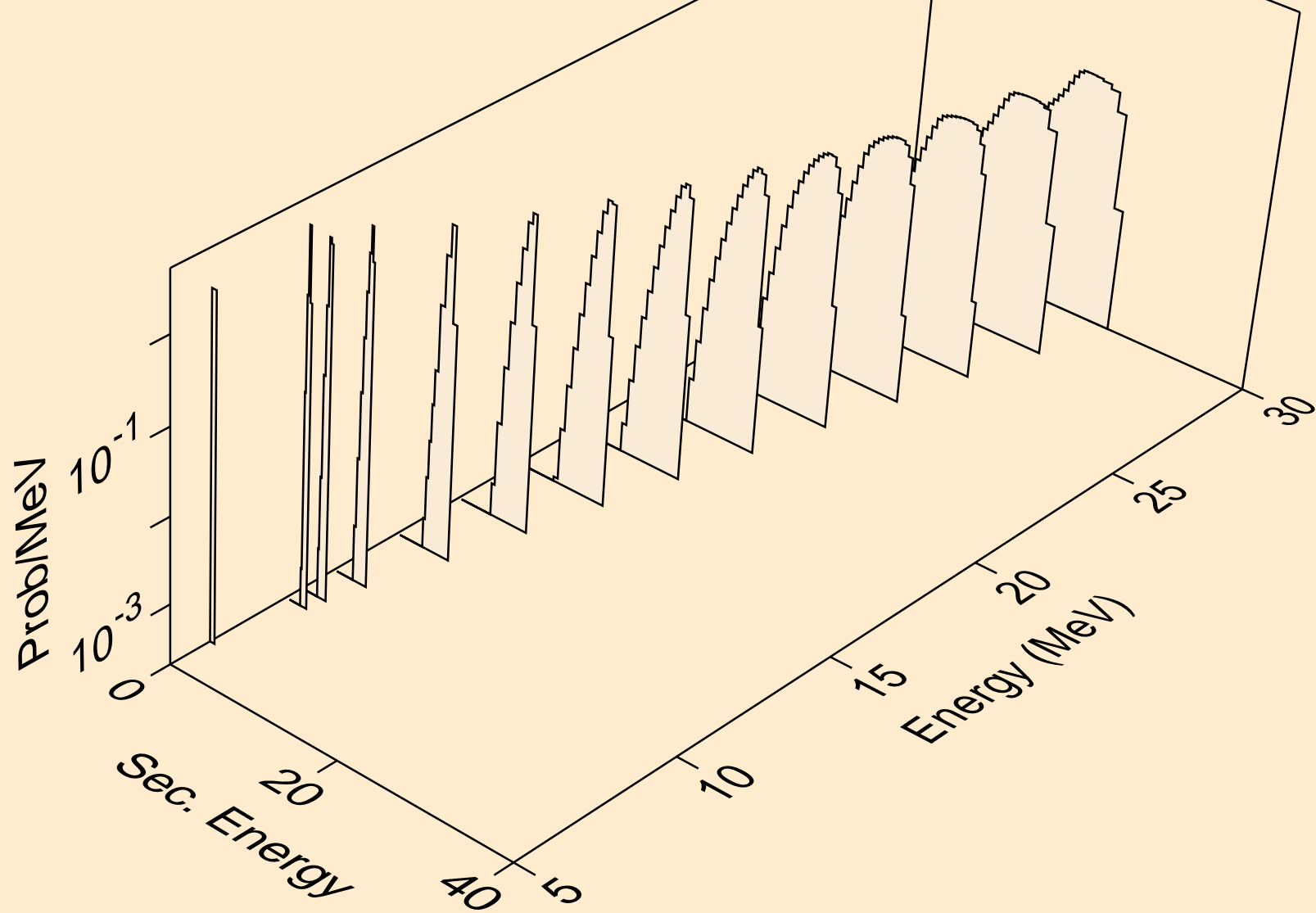




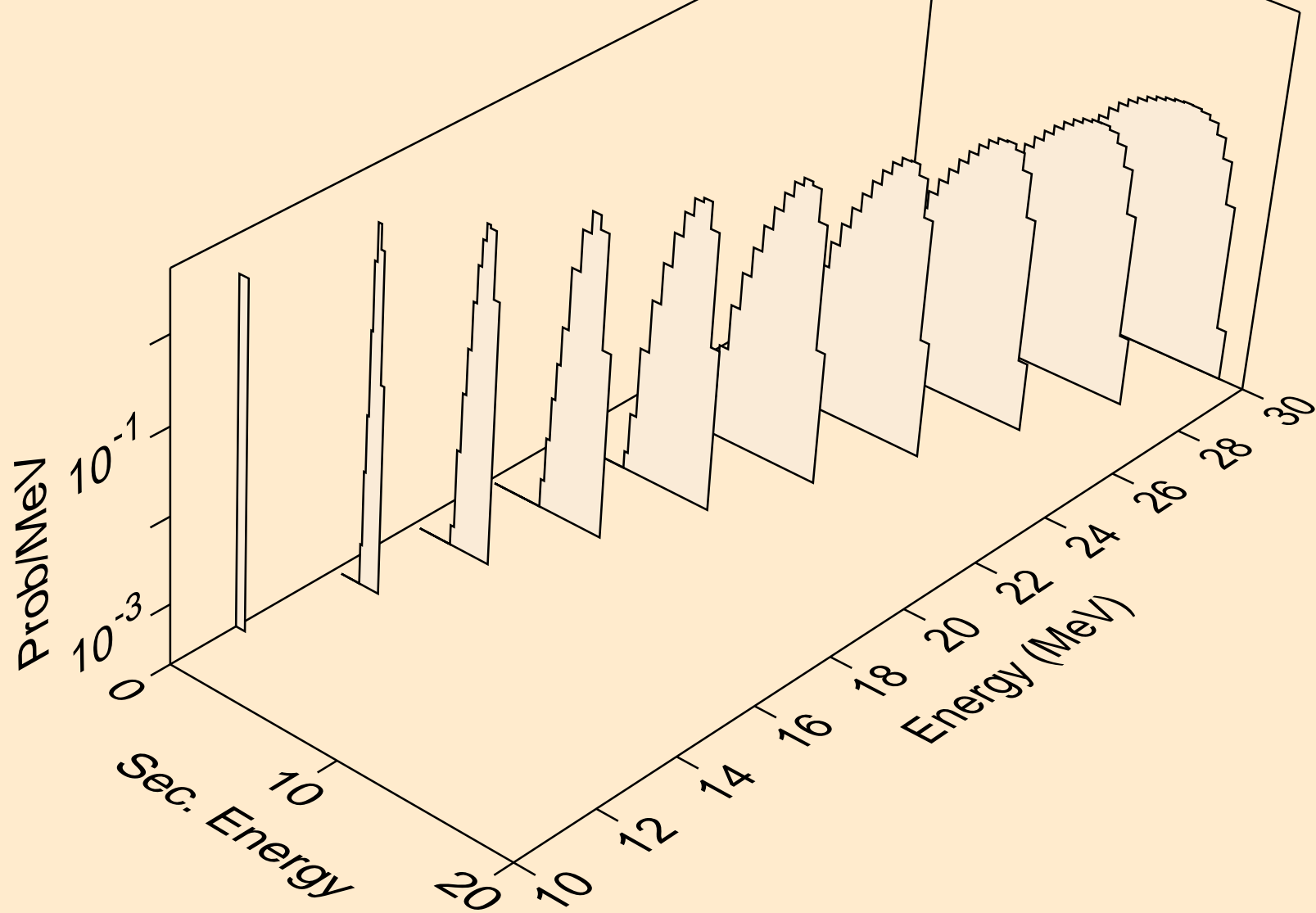
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



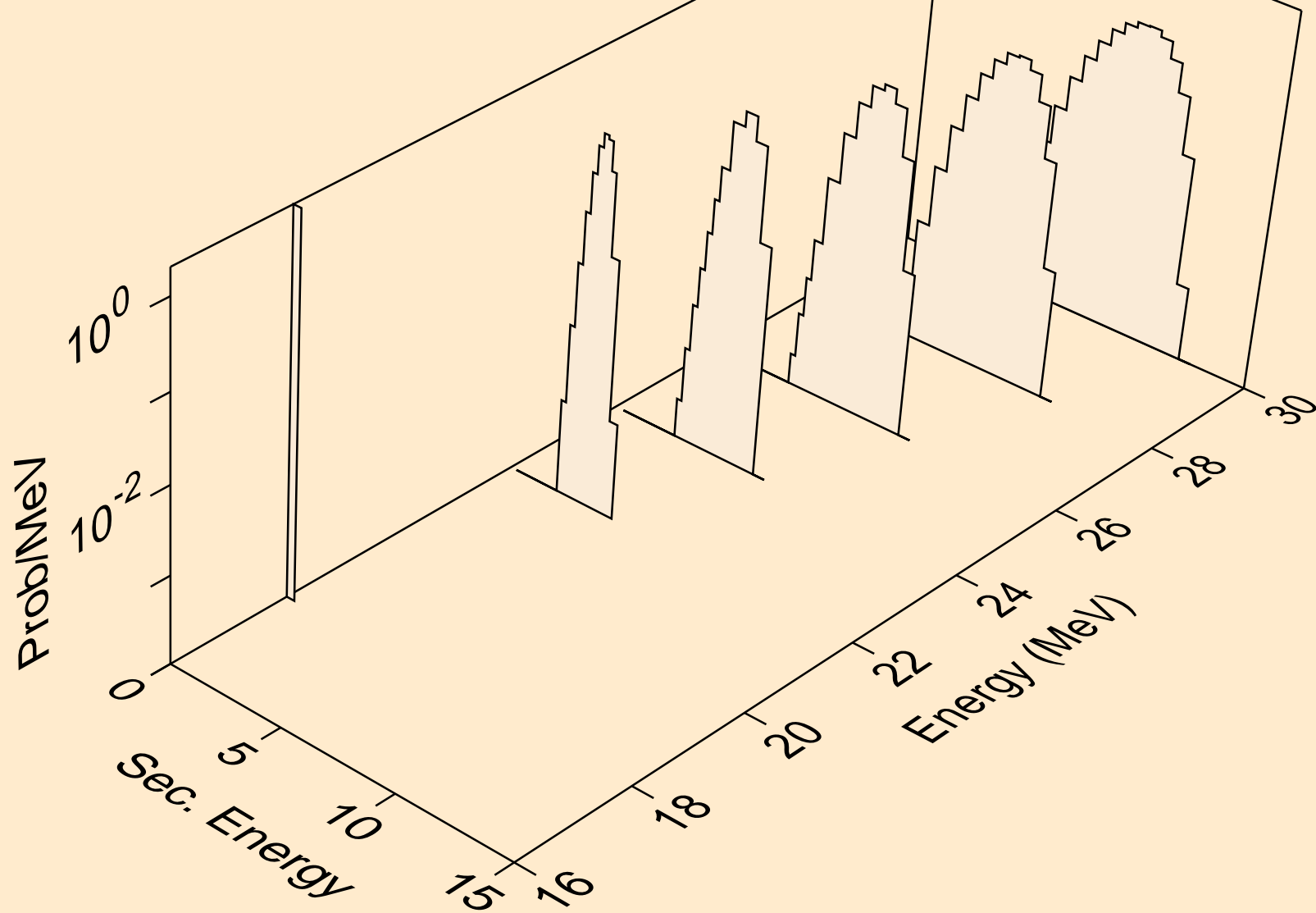
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



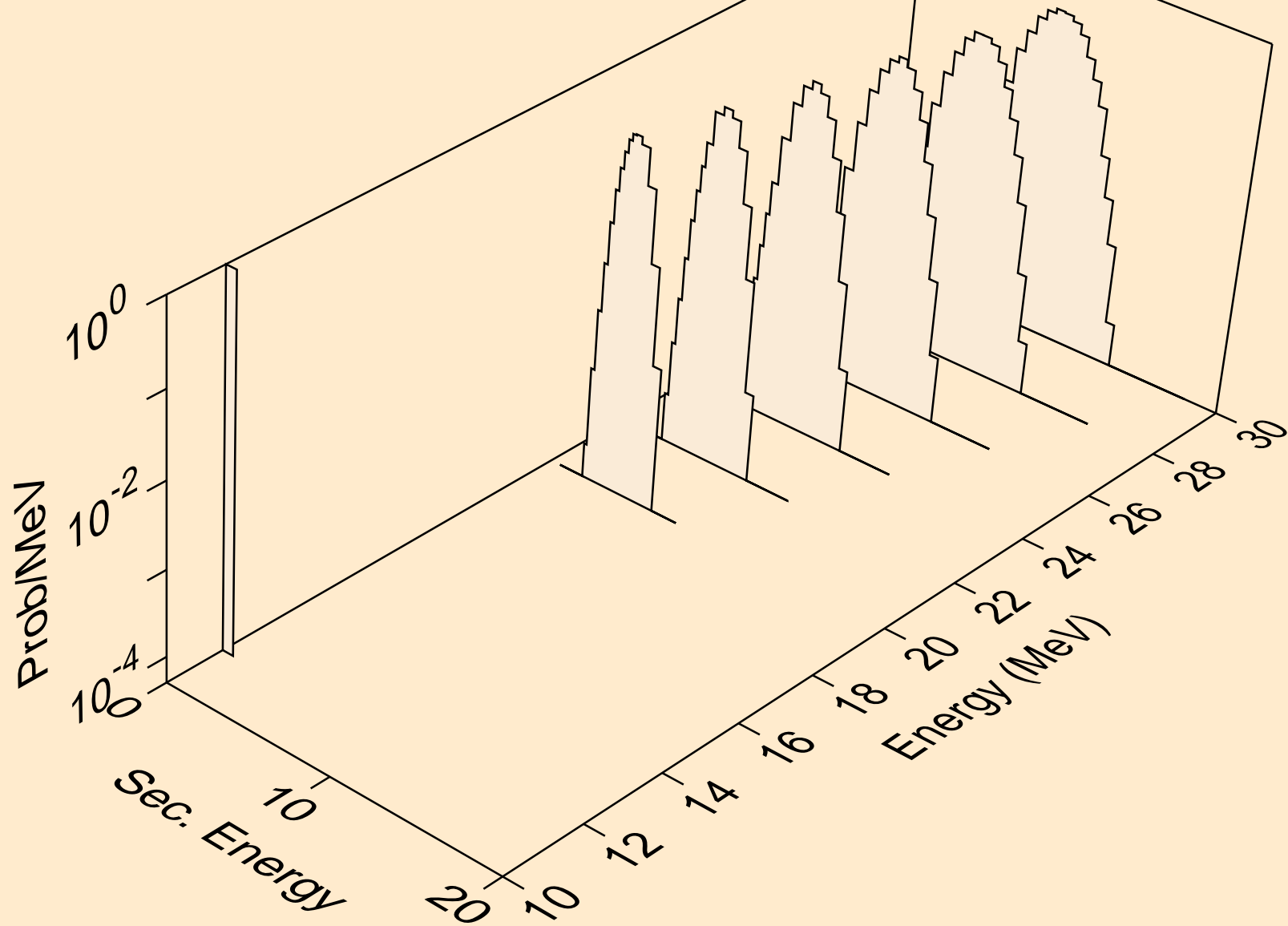
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protons from (n,2np)



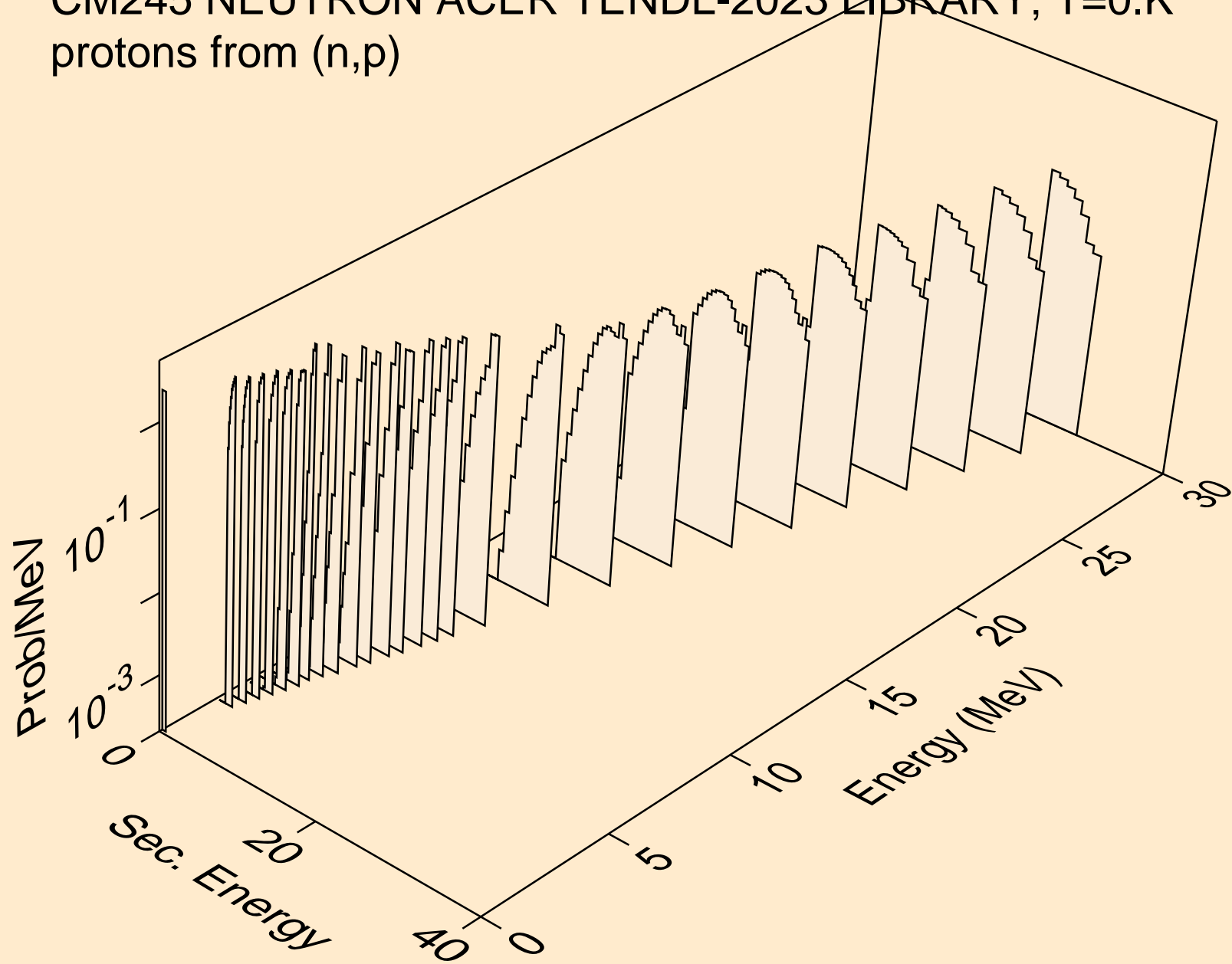
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protons from (n,3np)



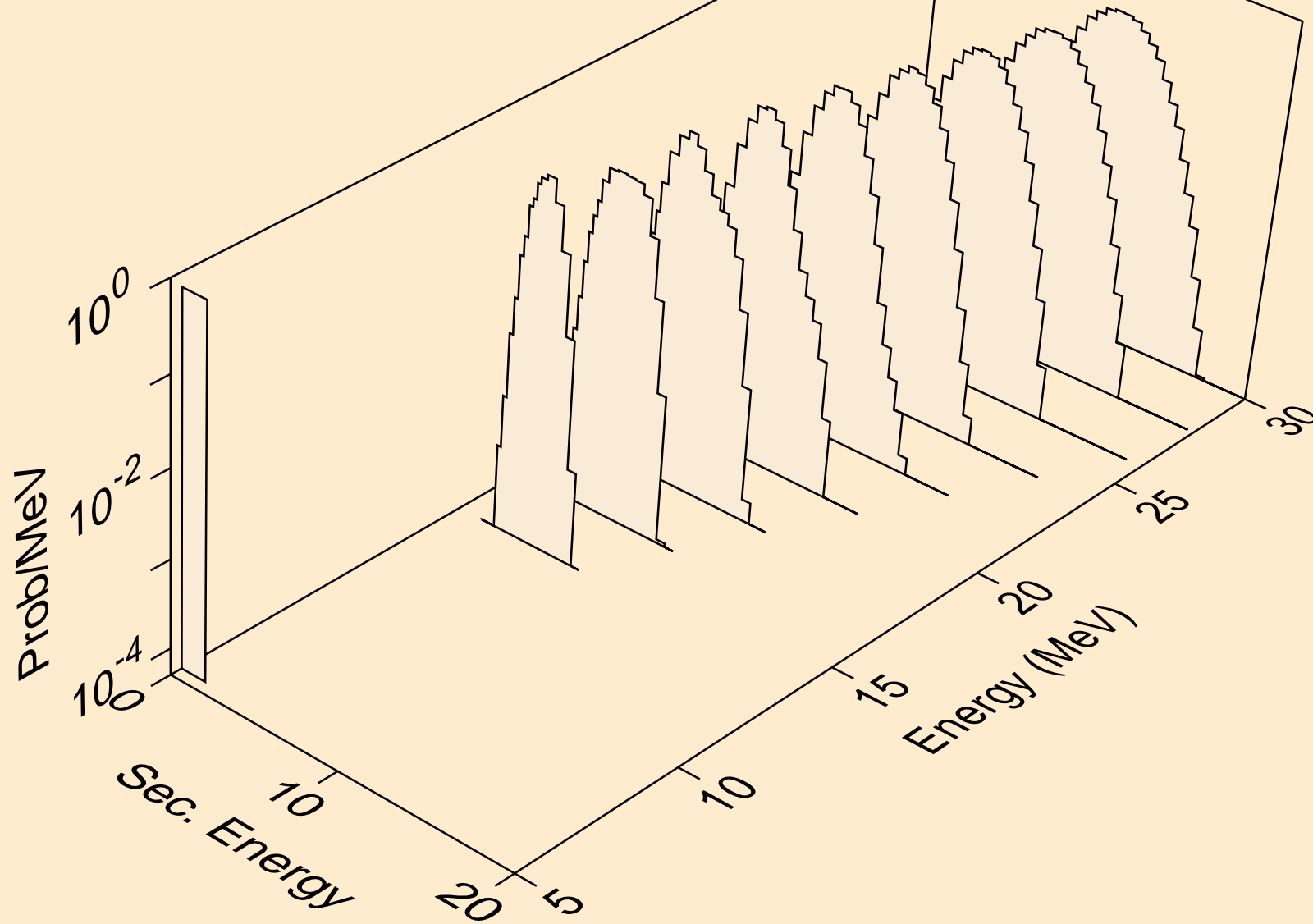
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protons from (n,n2p)



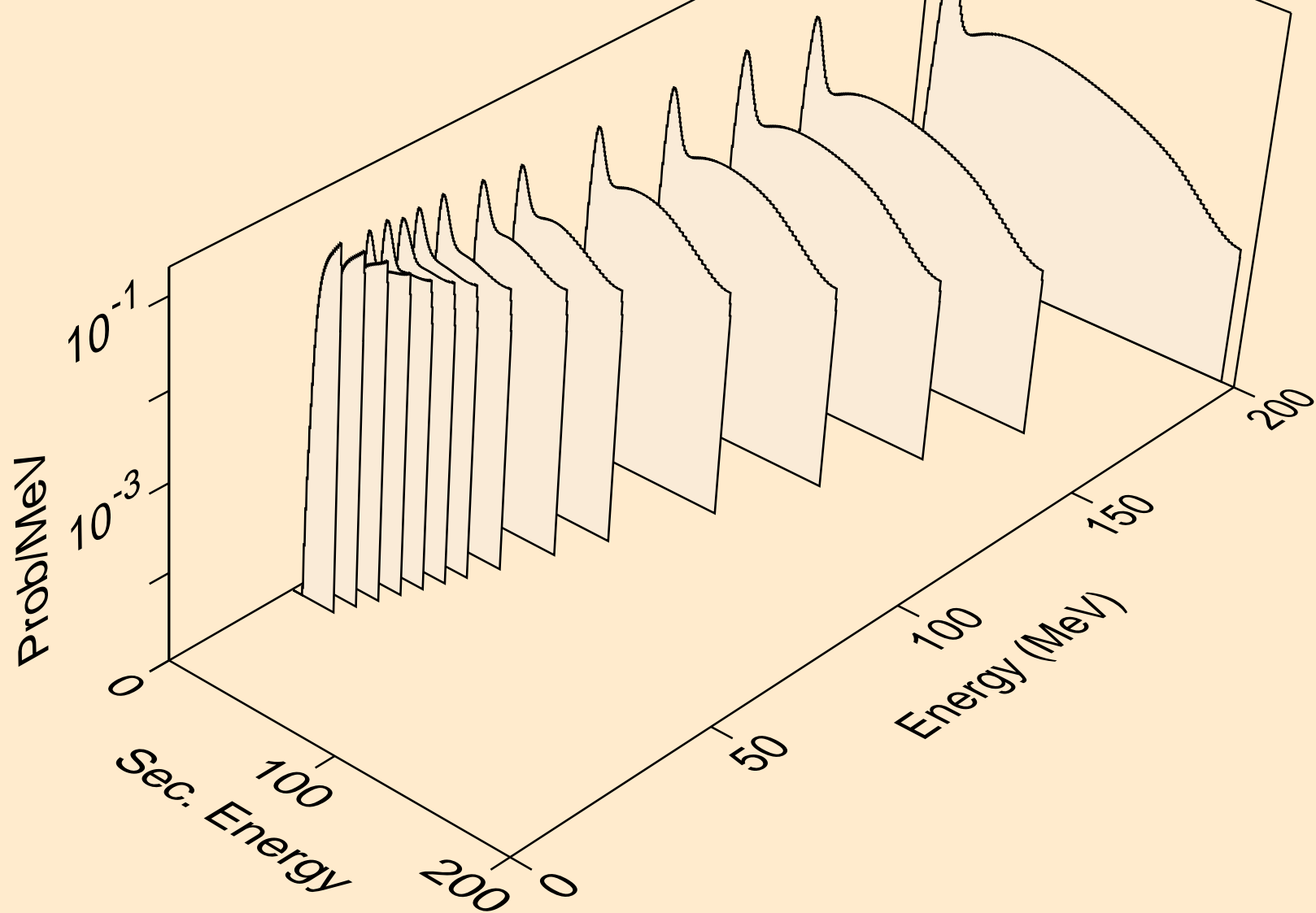
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protons from (n,p)



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)

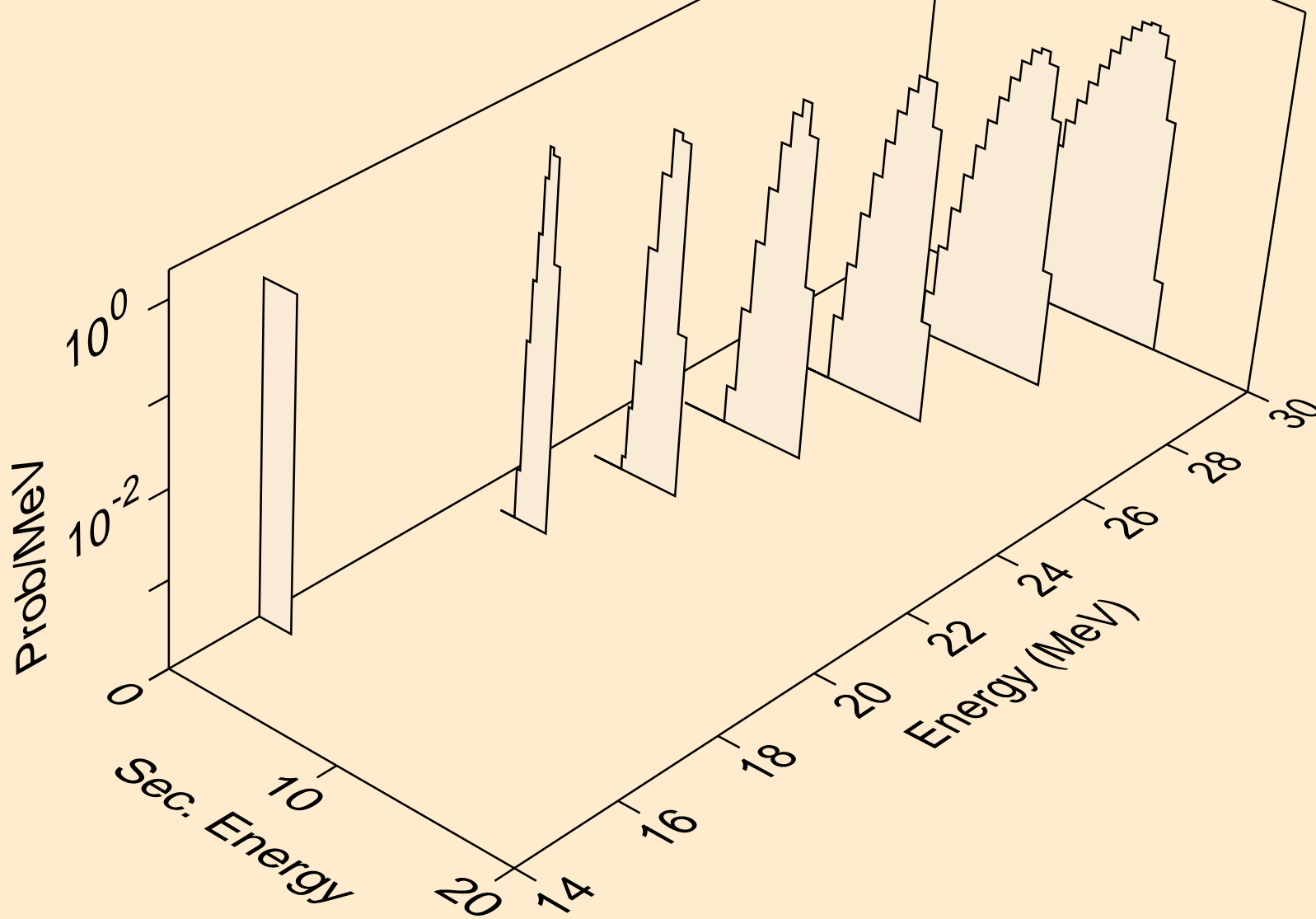


CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (n,x)

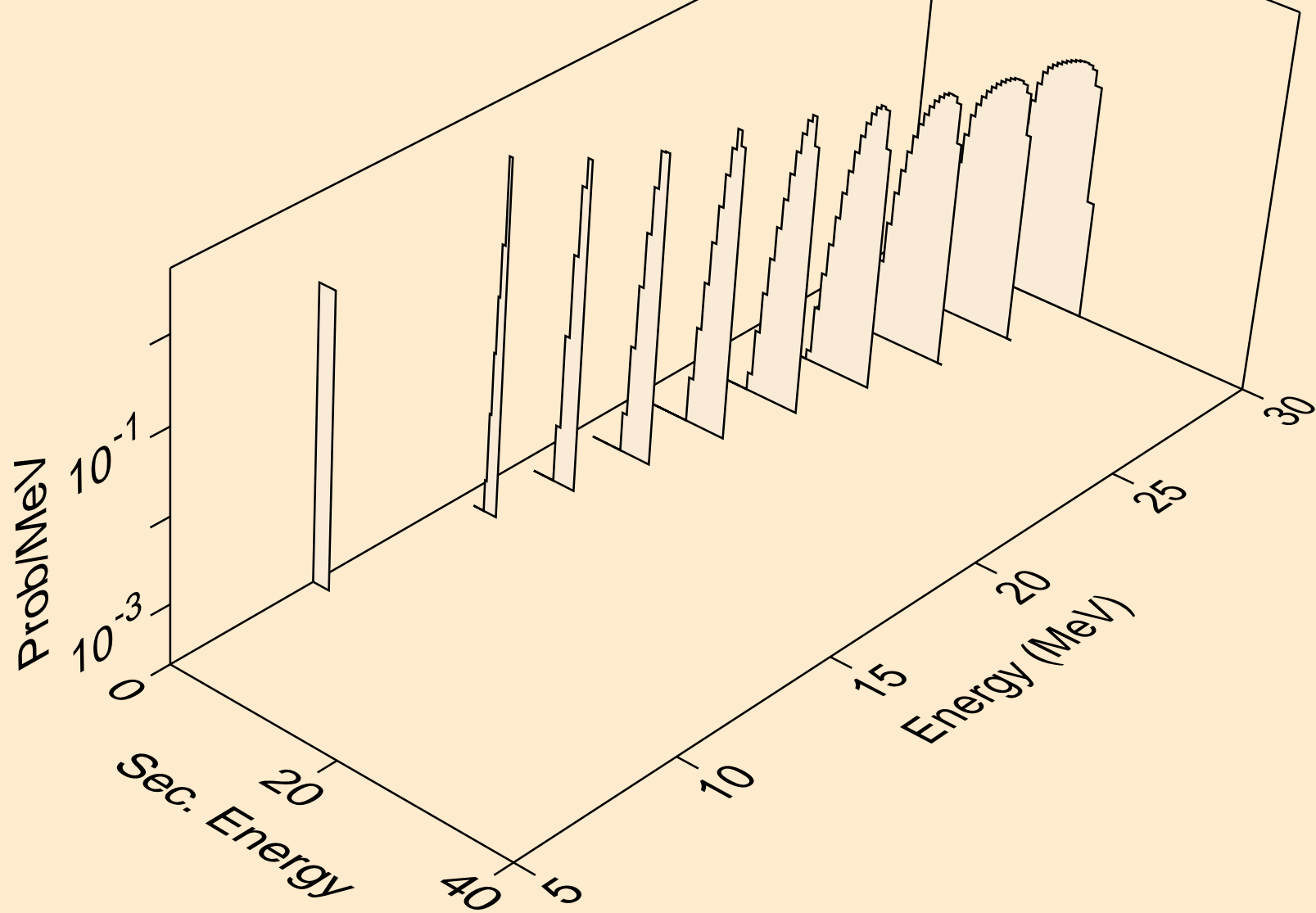




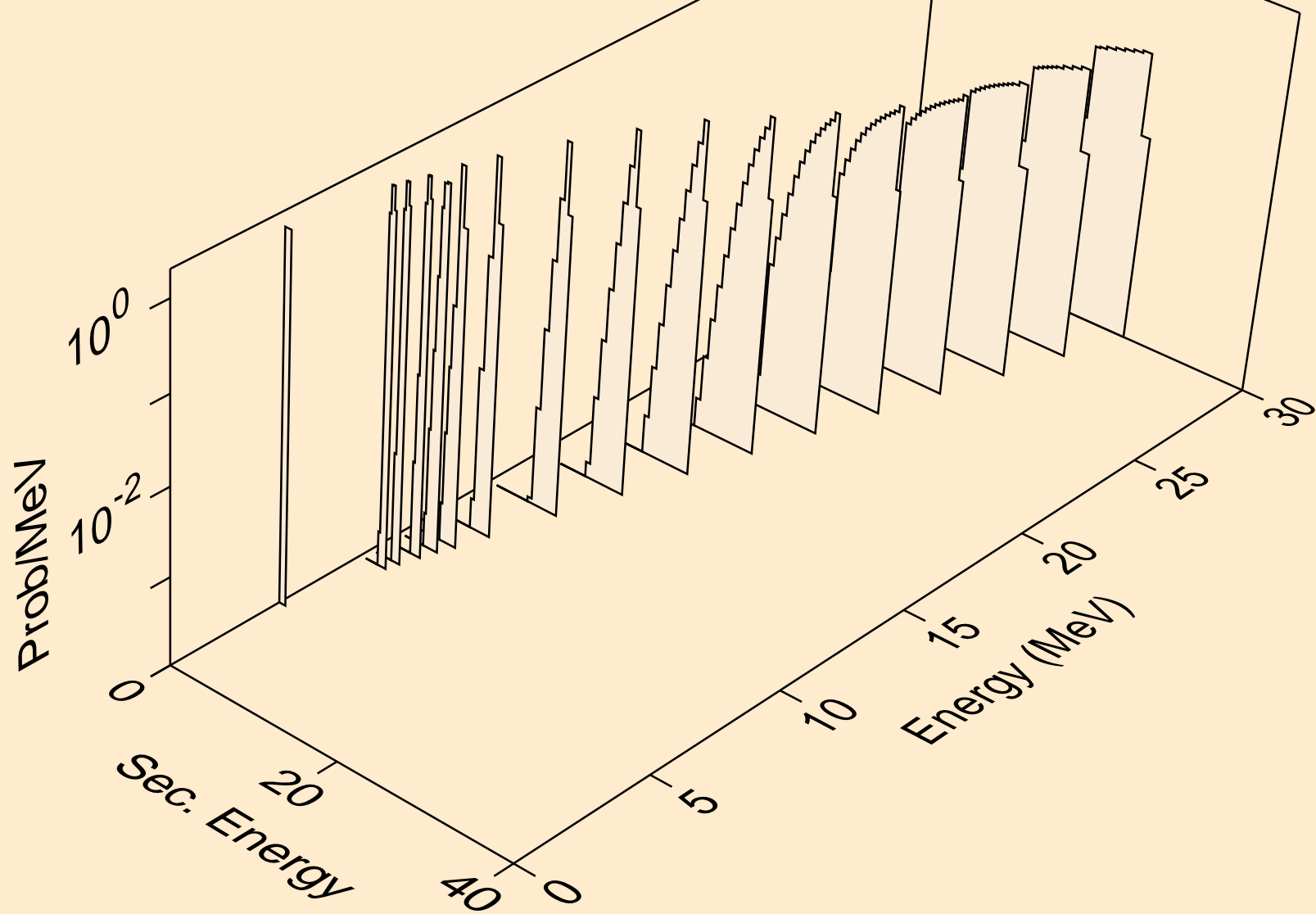
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deuterons from (n,2nd)



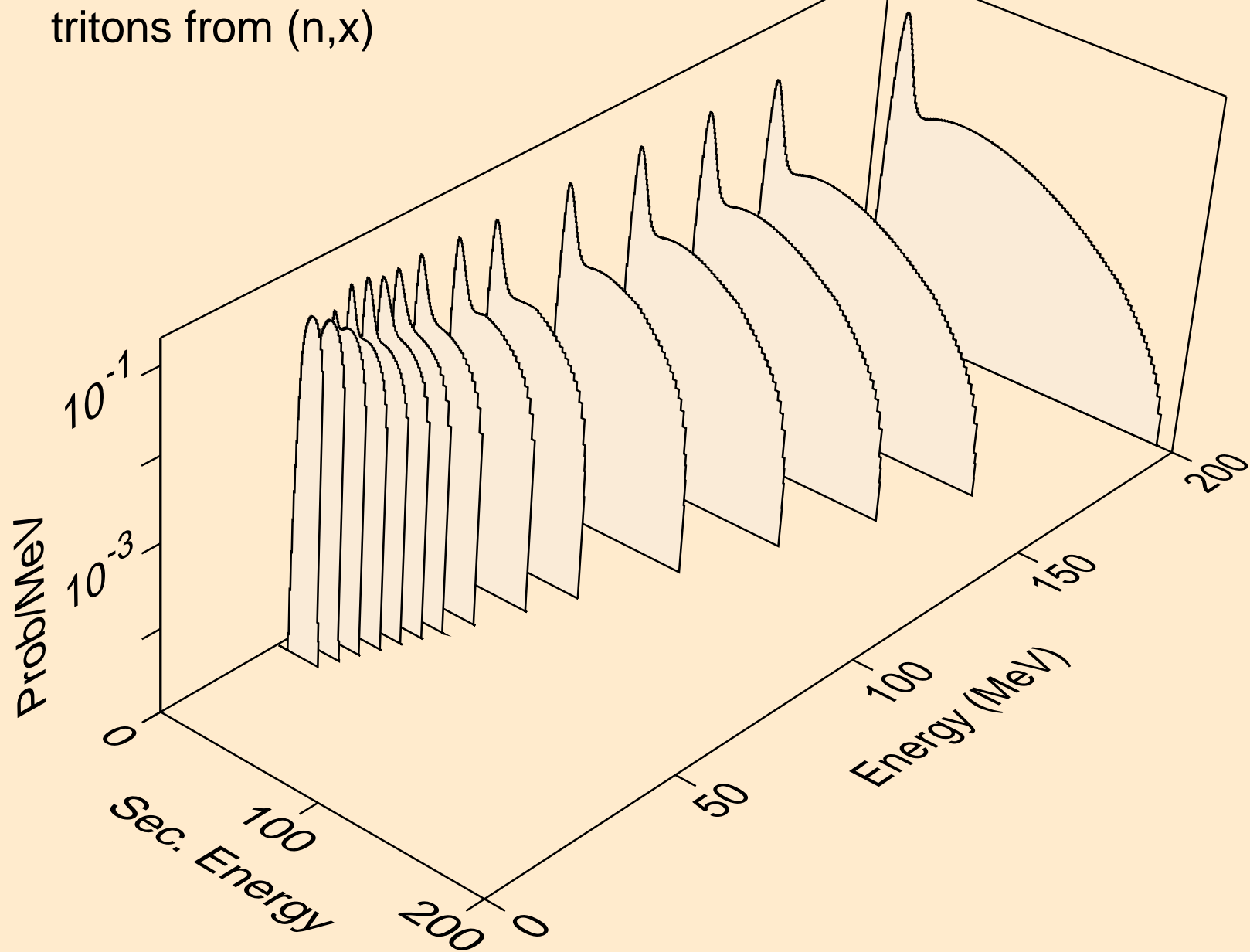
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deuterons from (n,n\*)d



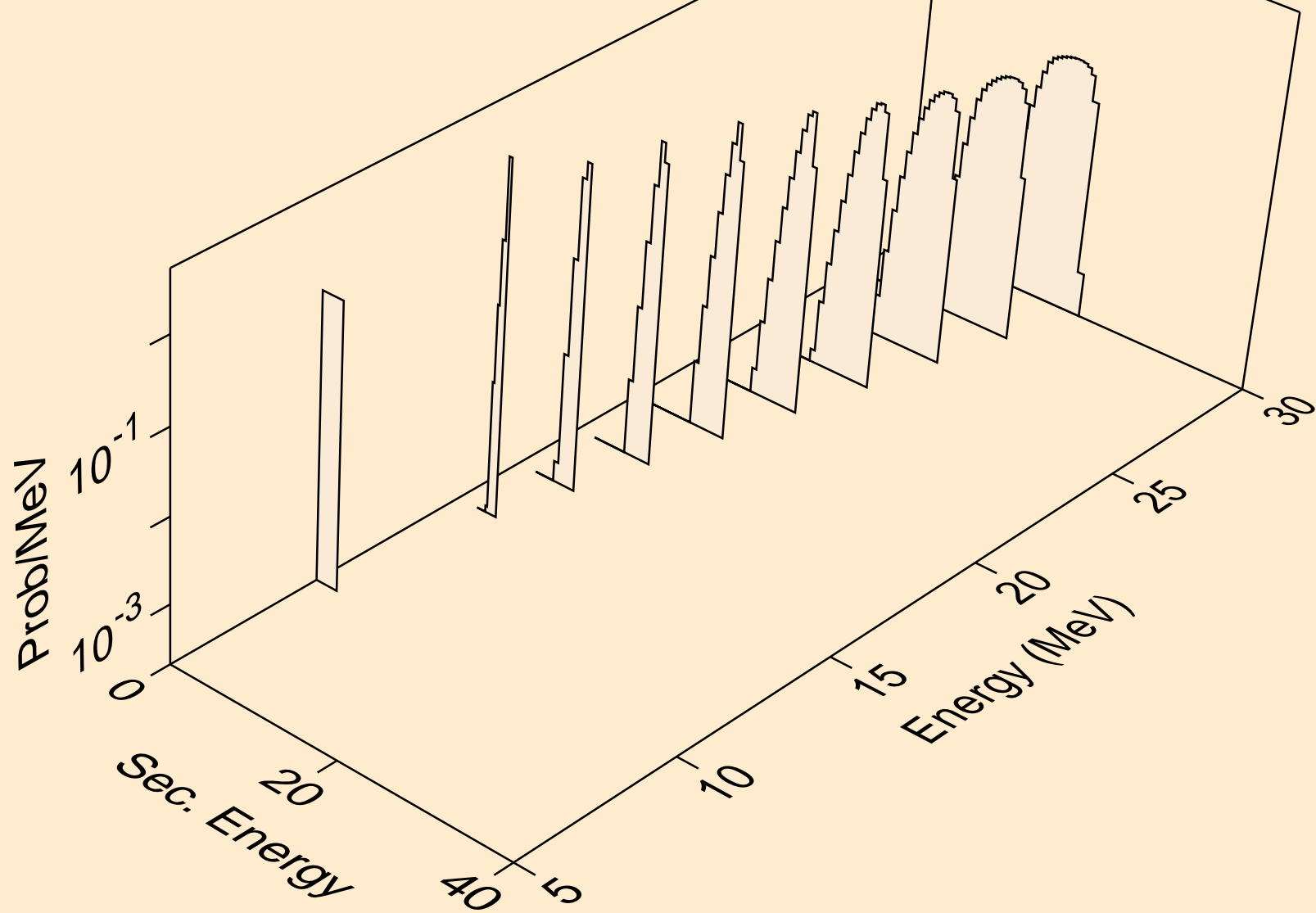
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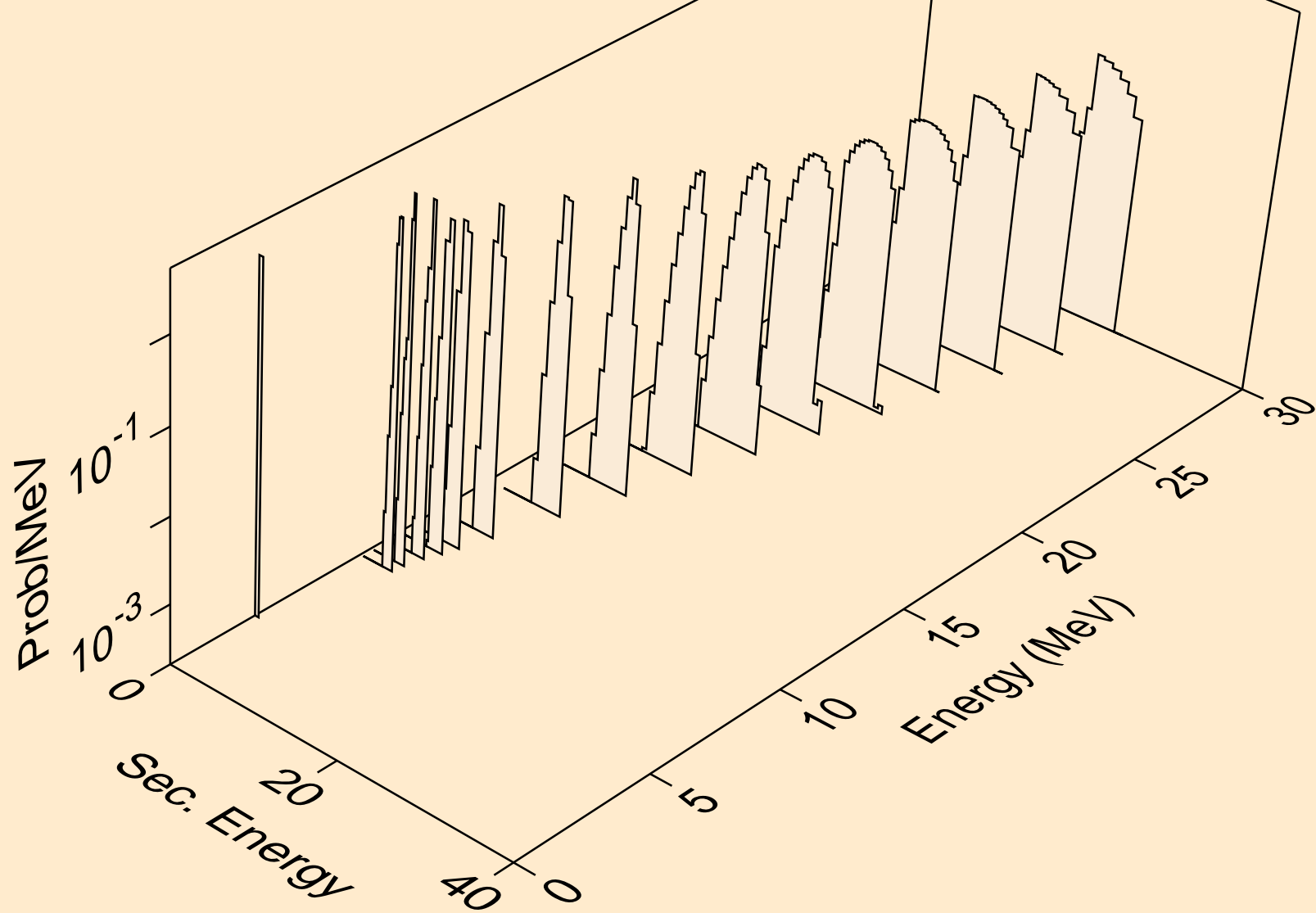
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tritons from (n,x)



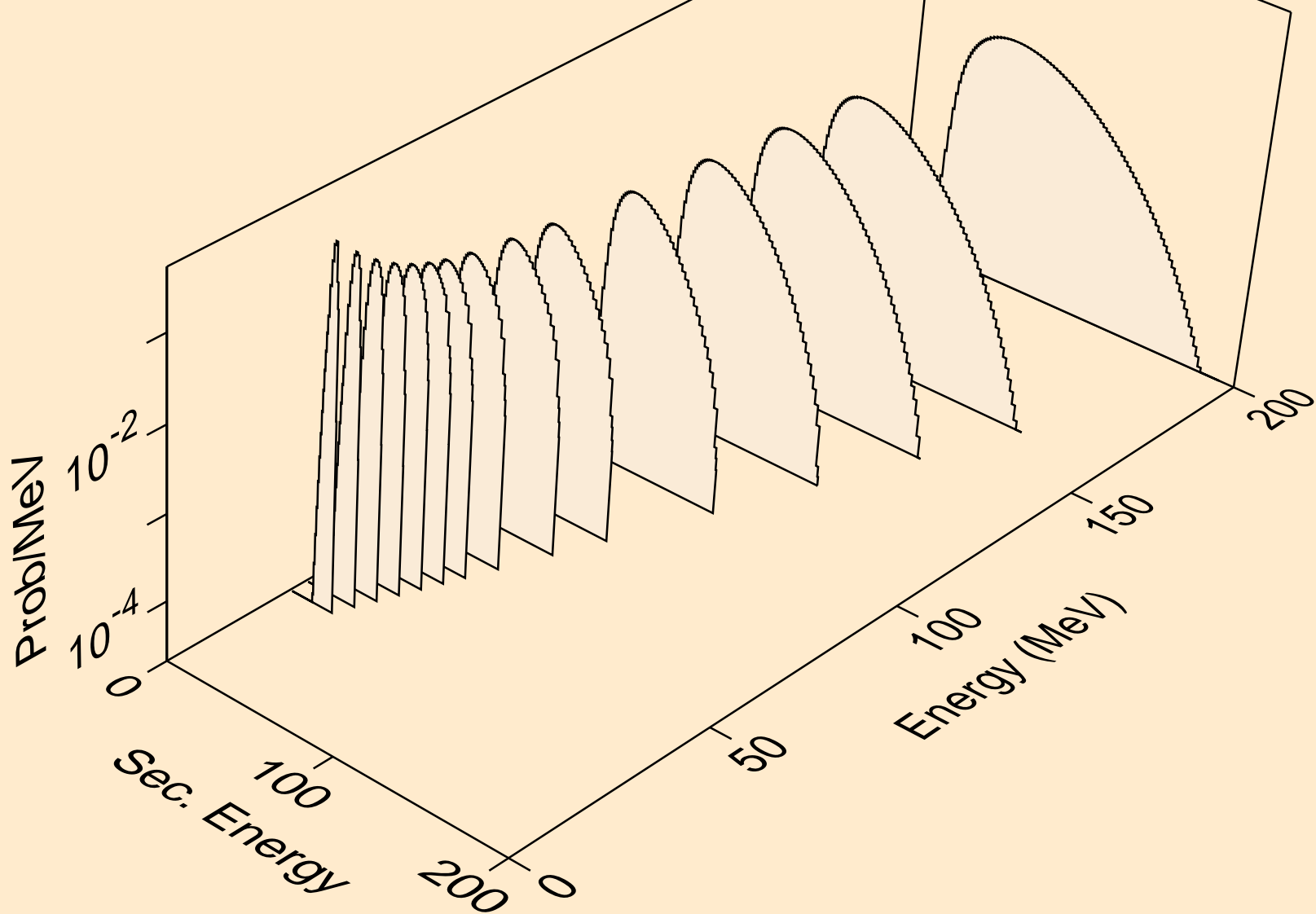
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



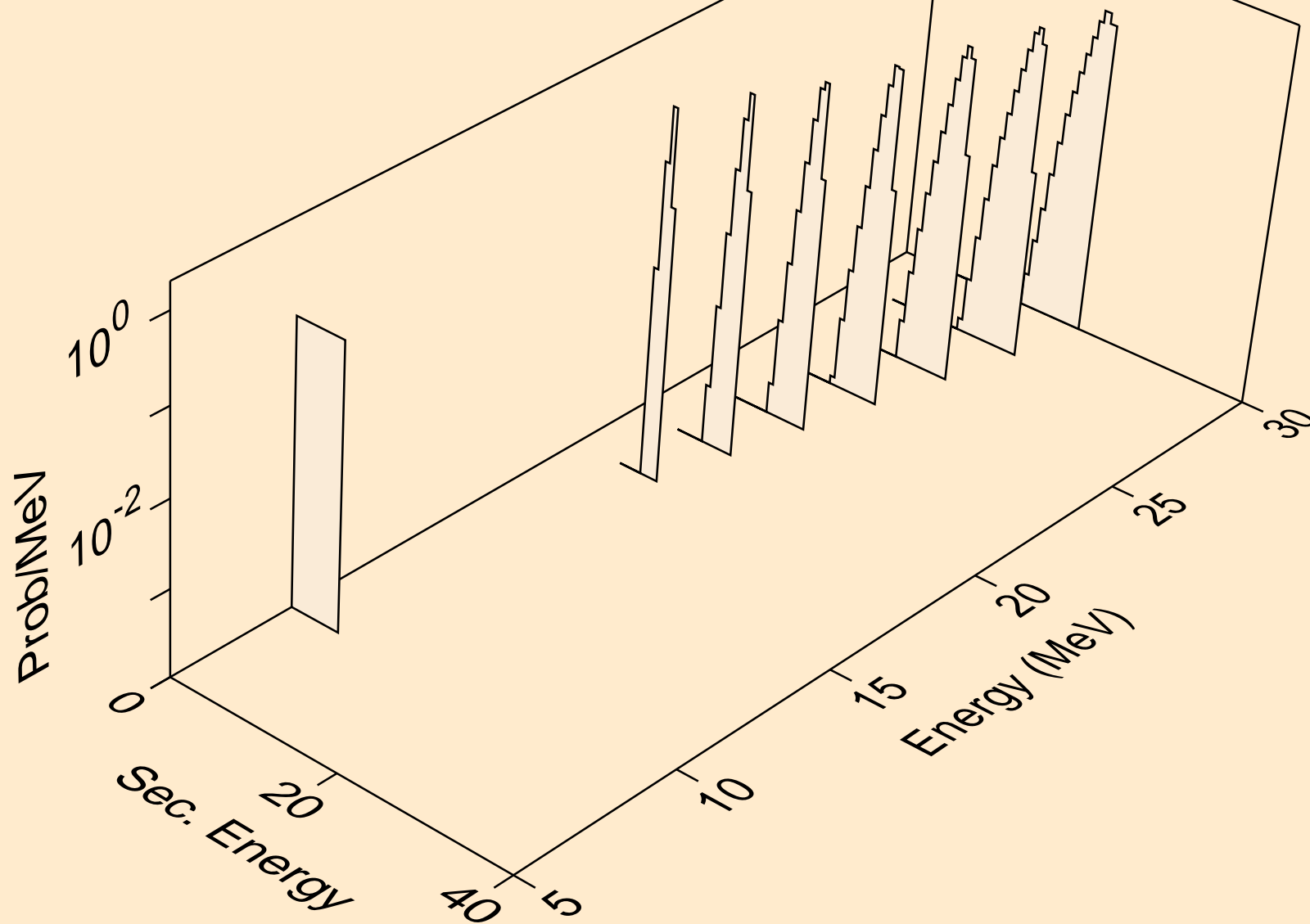
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

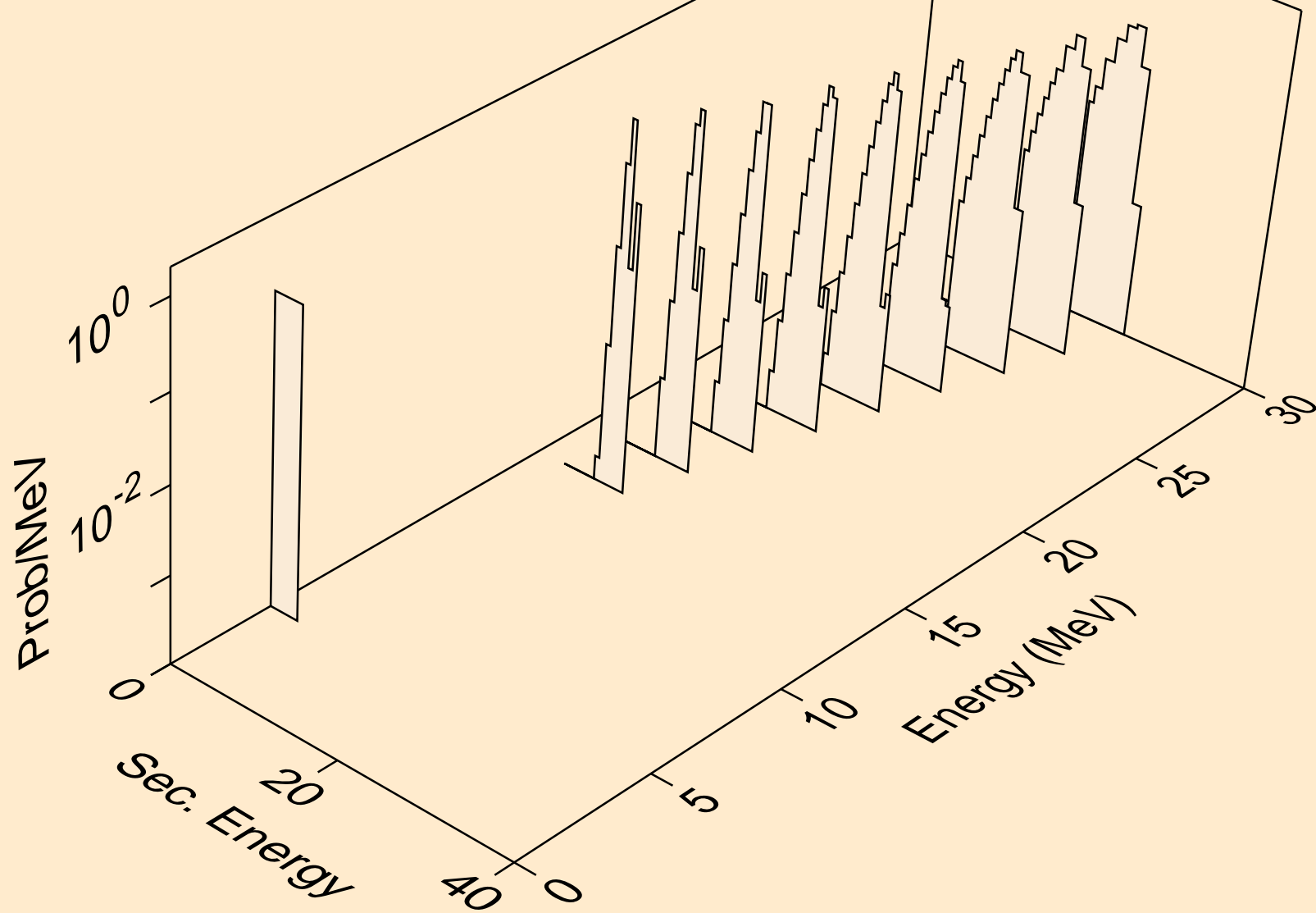


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he3s from (n,n\*)he3

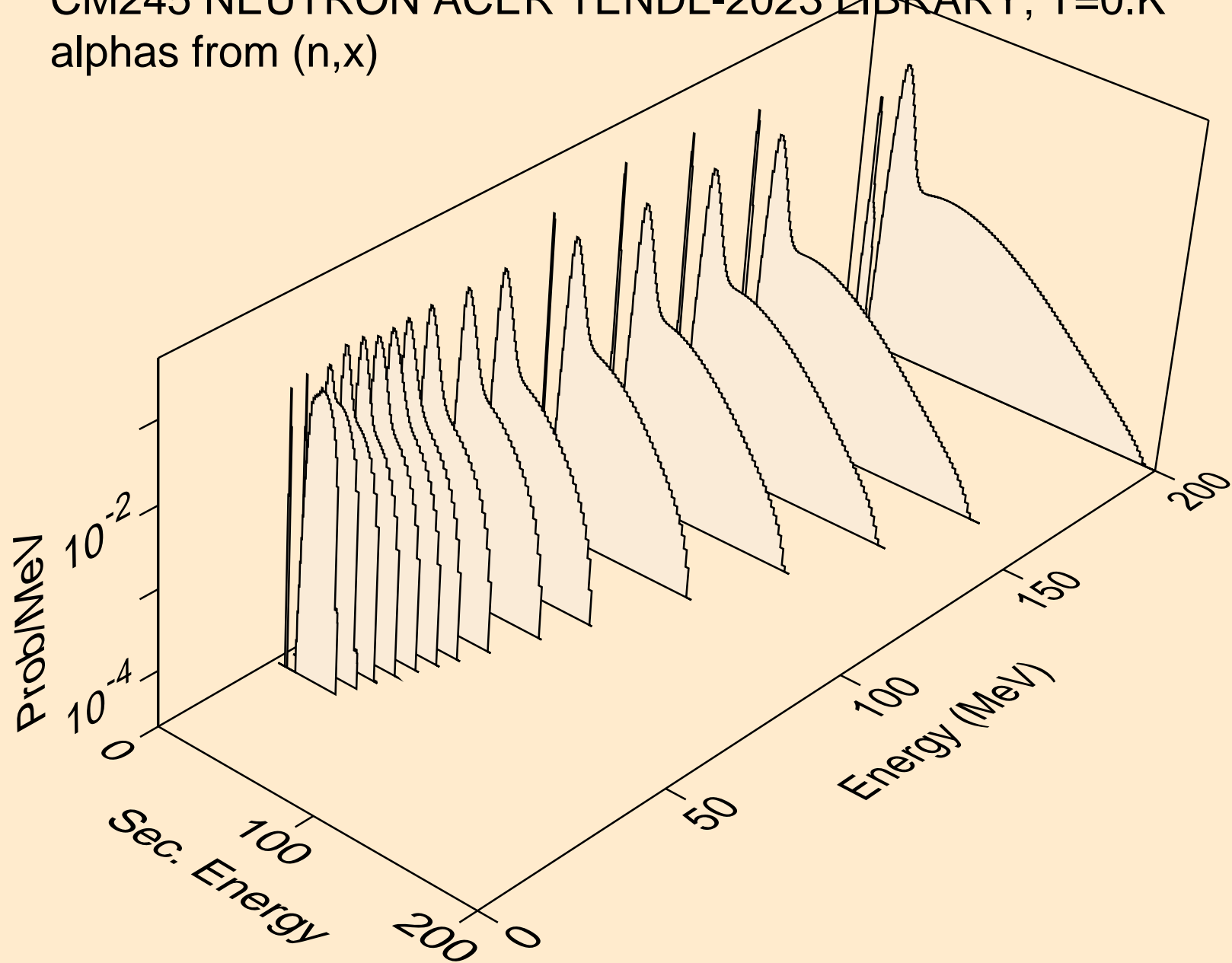




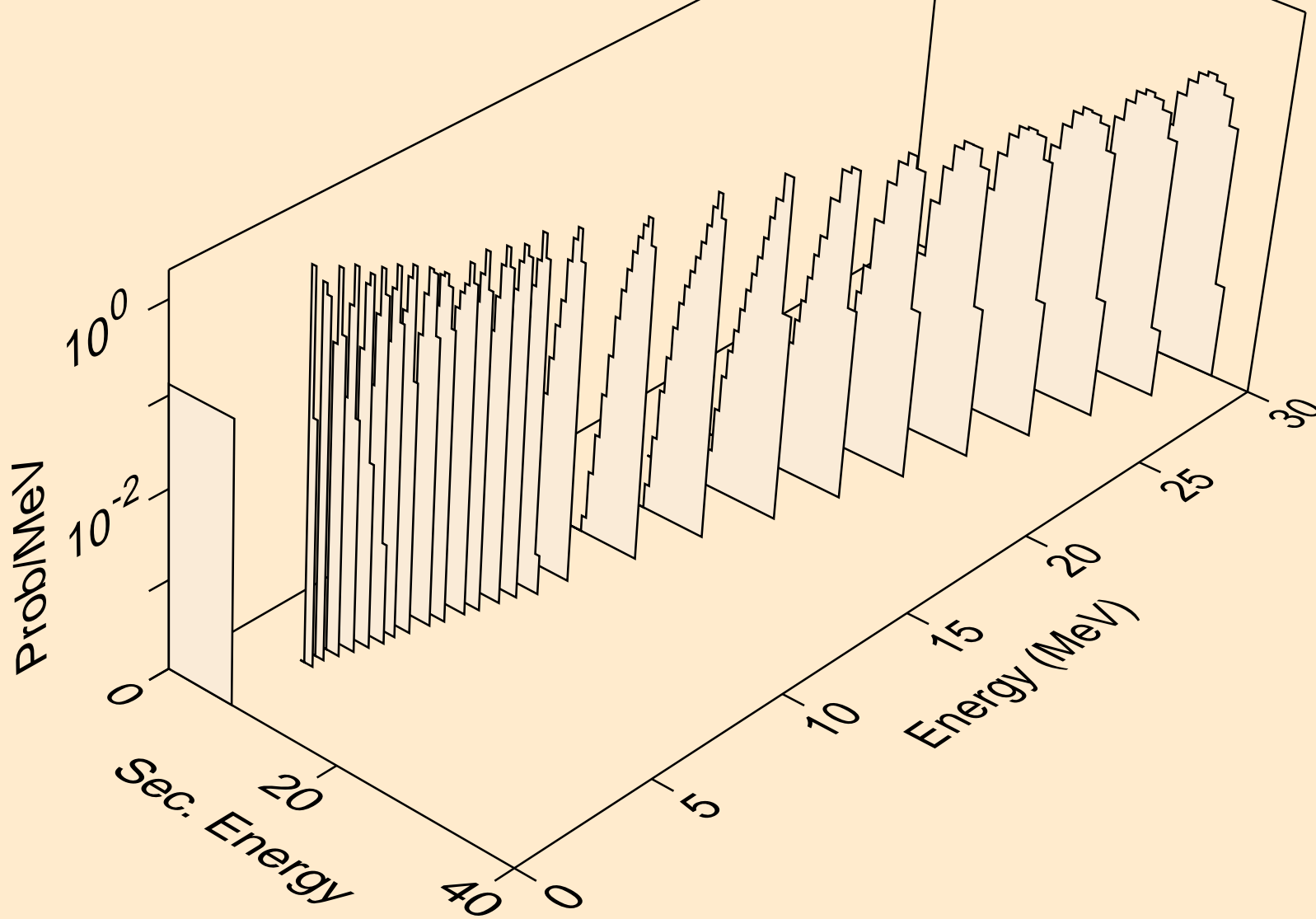
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he3s from (n,he3)



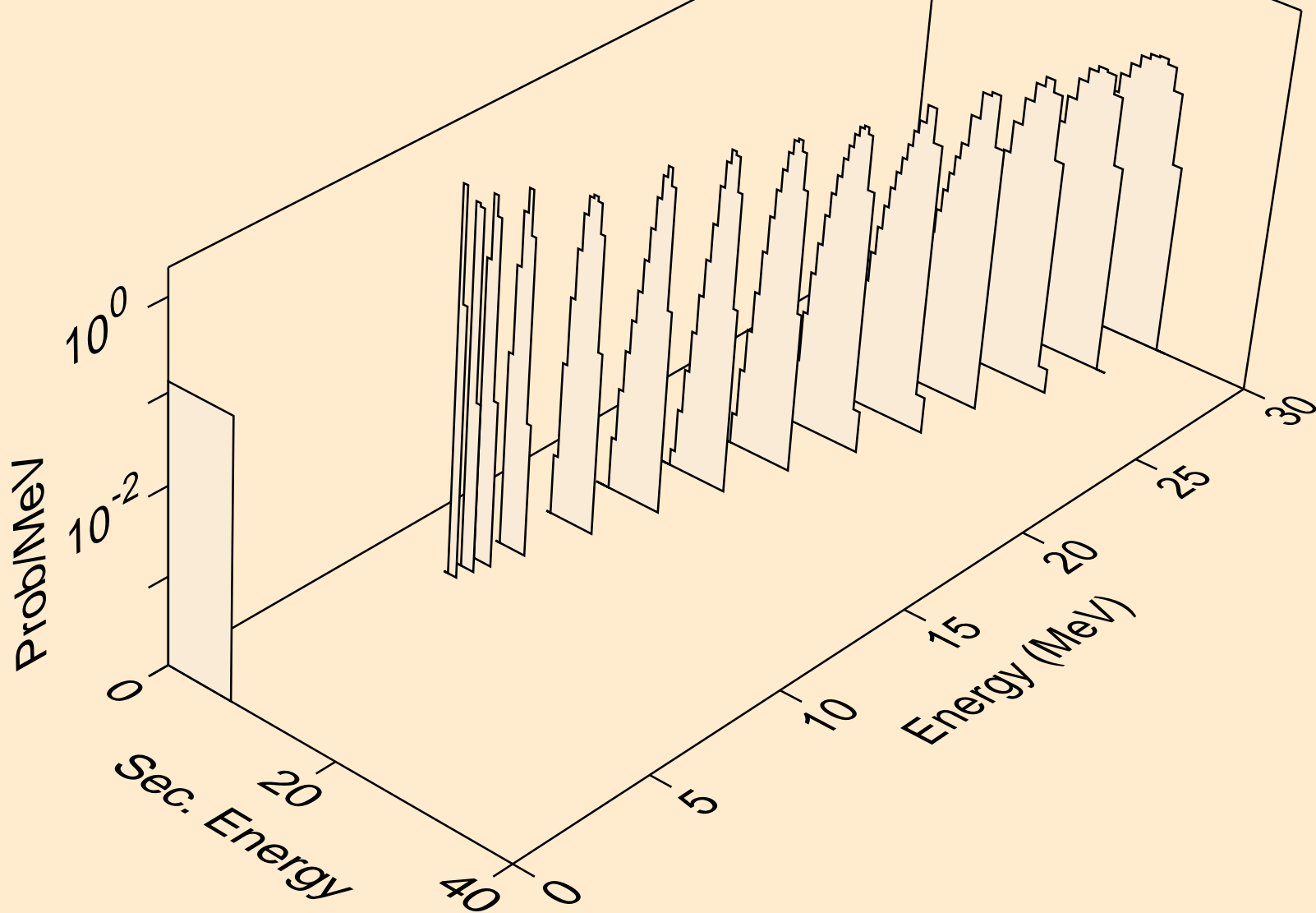
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



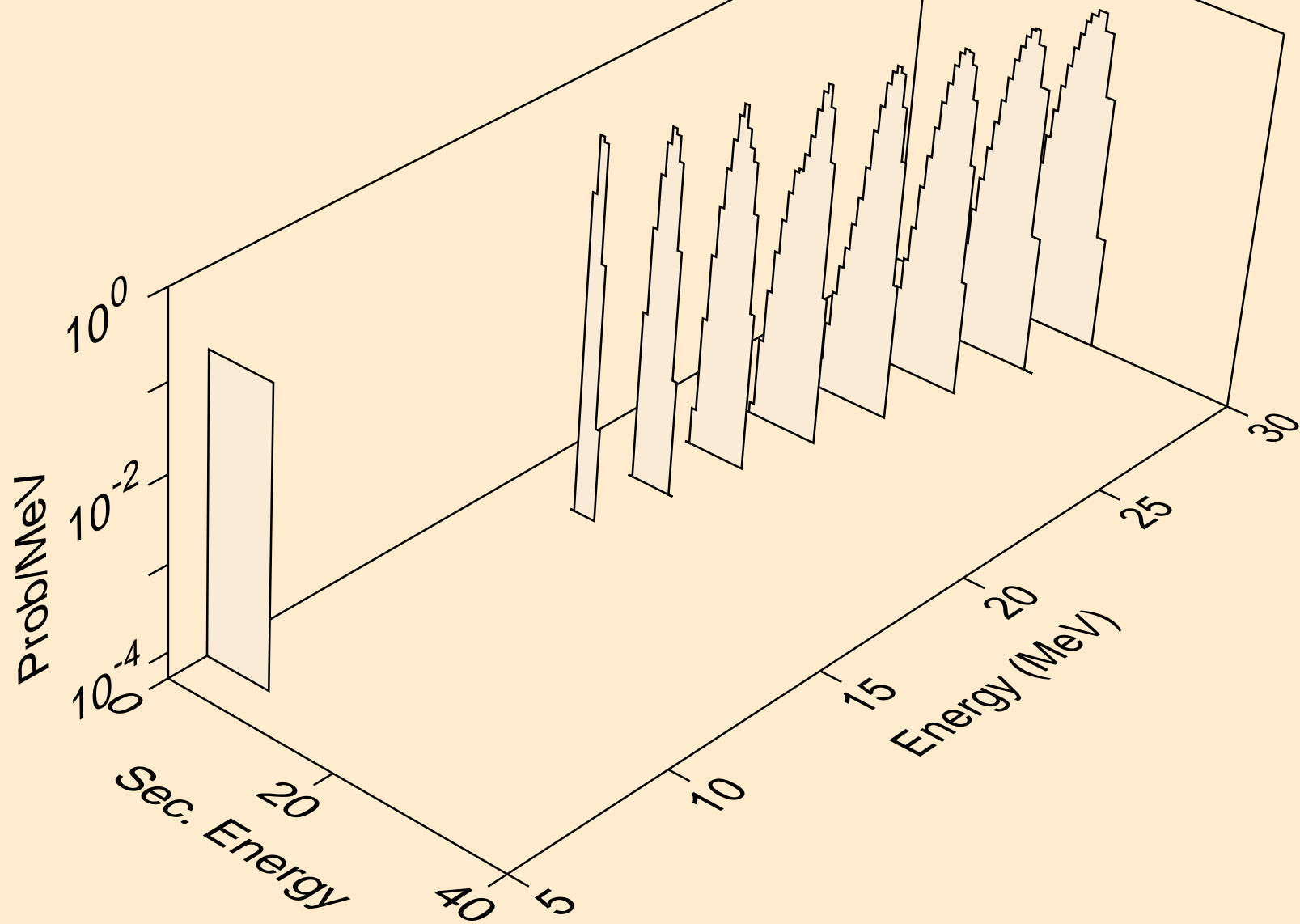
CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



CM245 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

