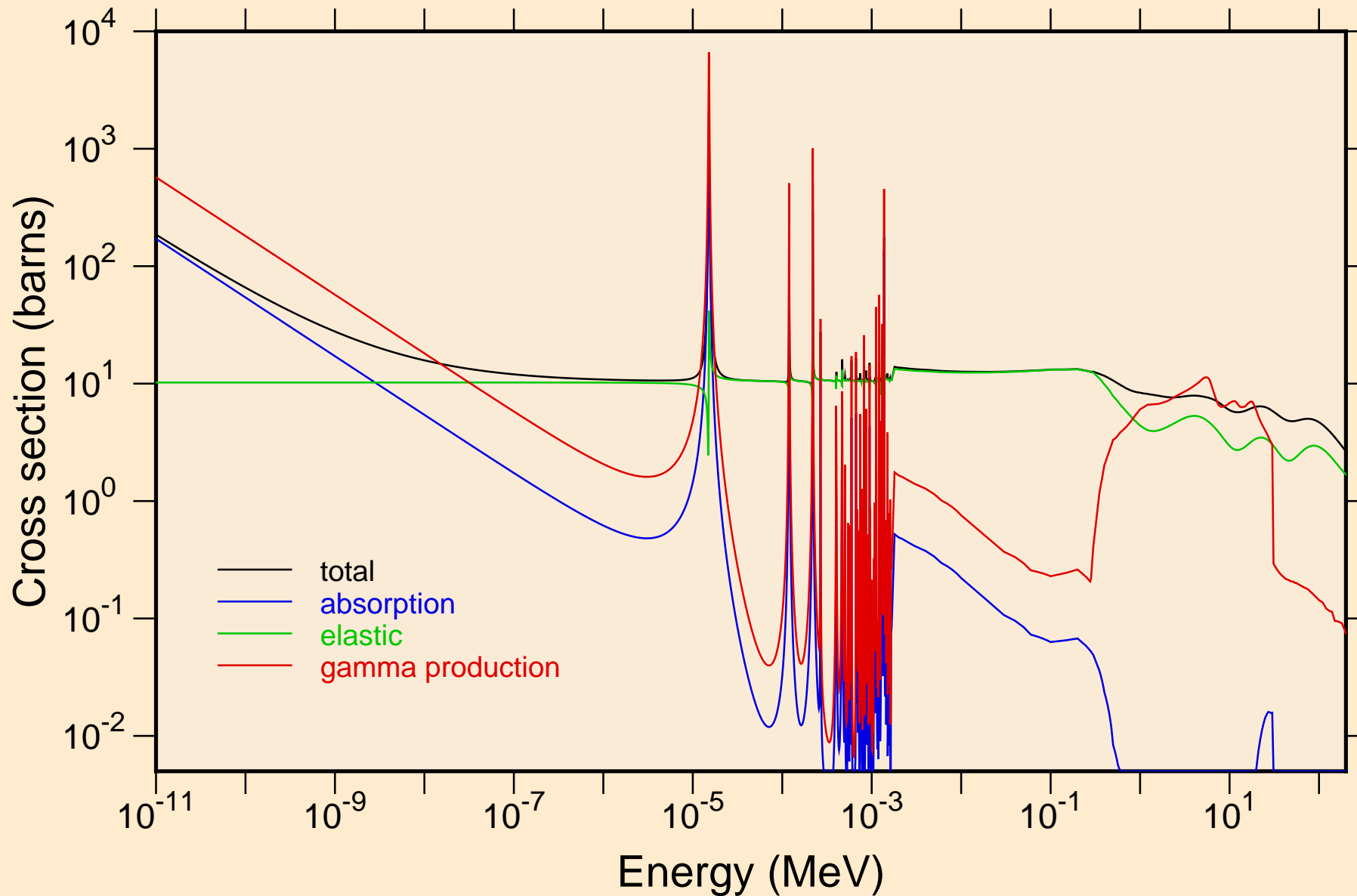
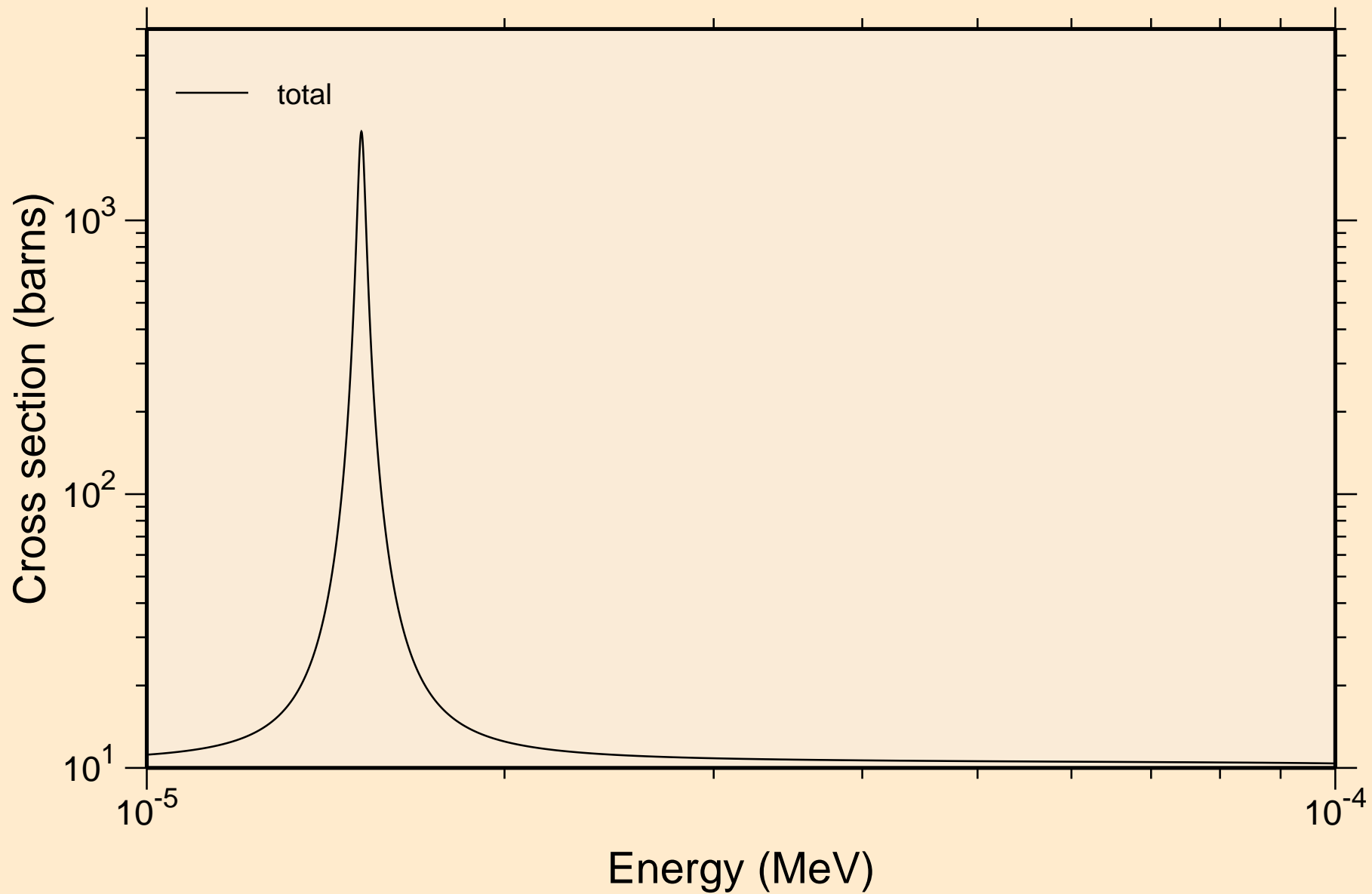


# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

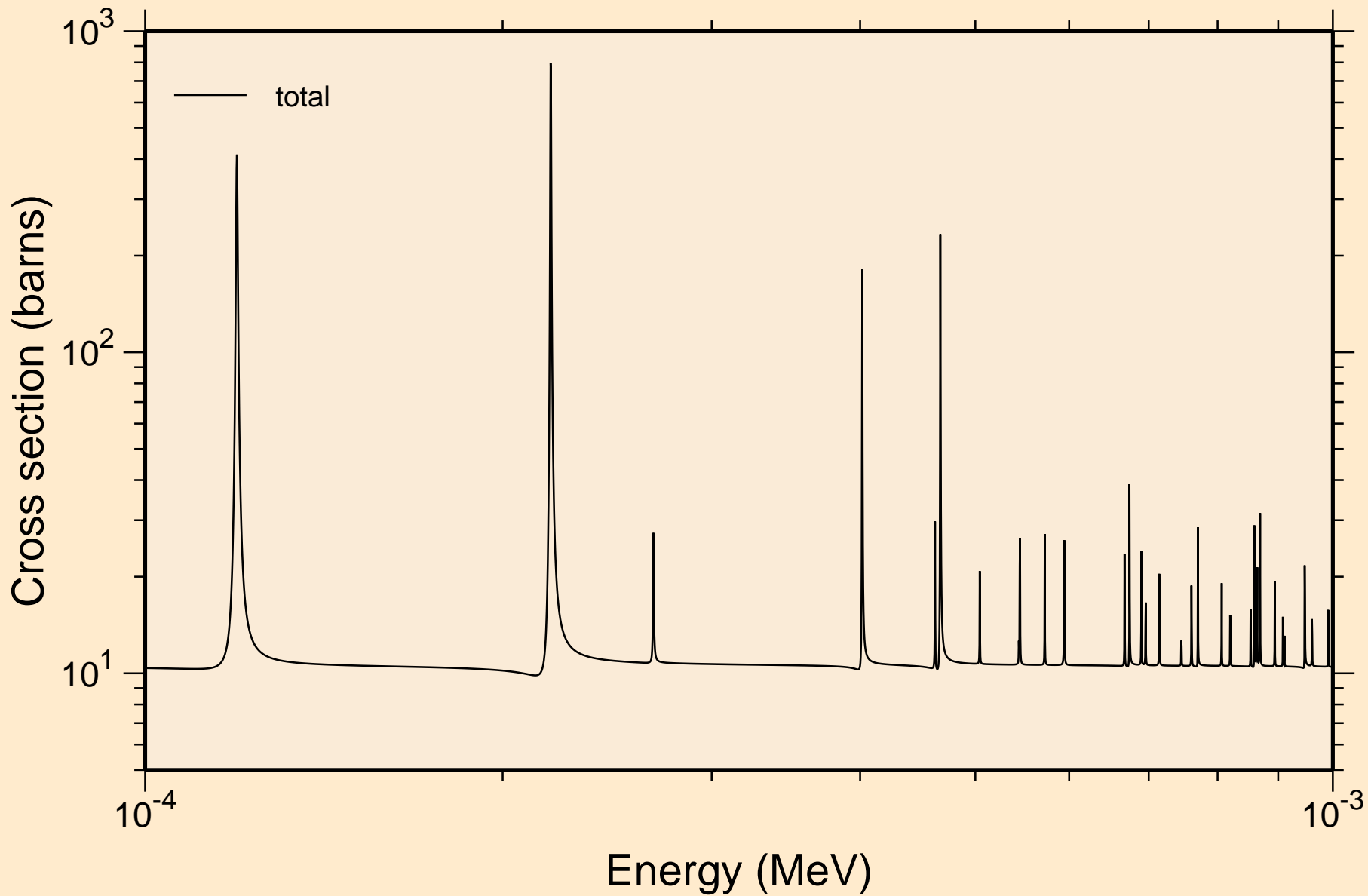
## Principal cross sections



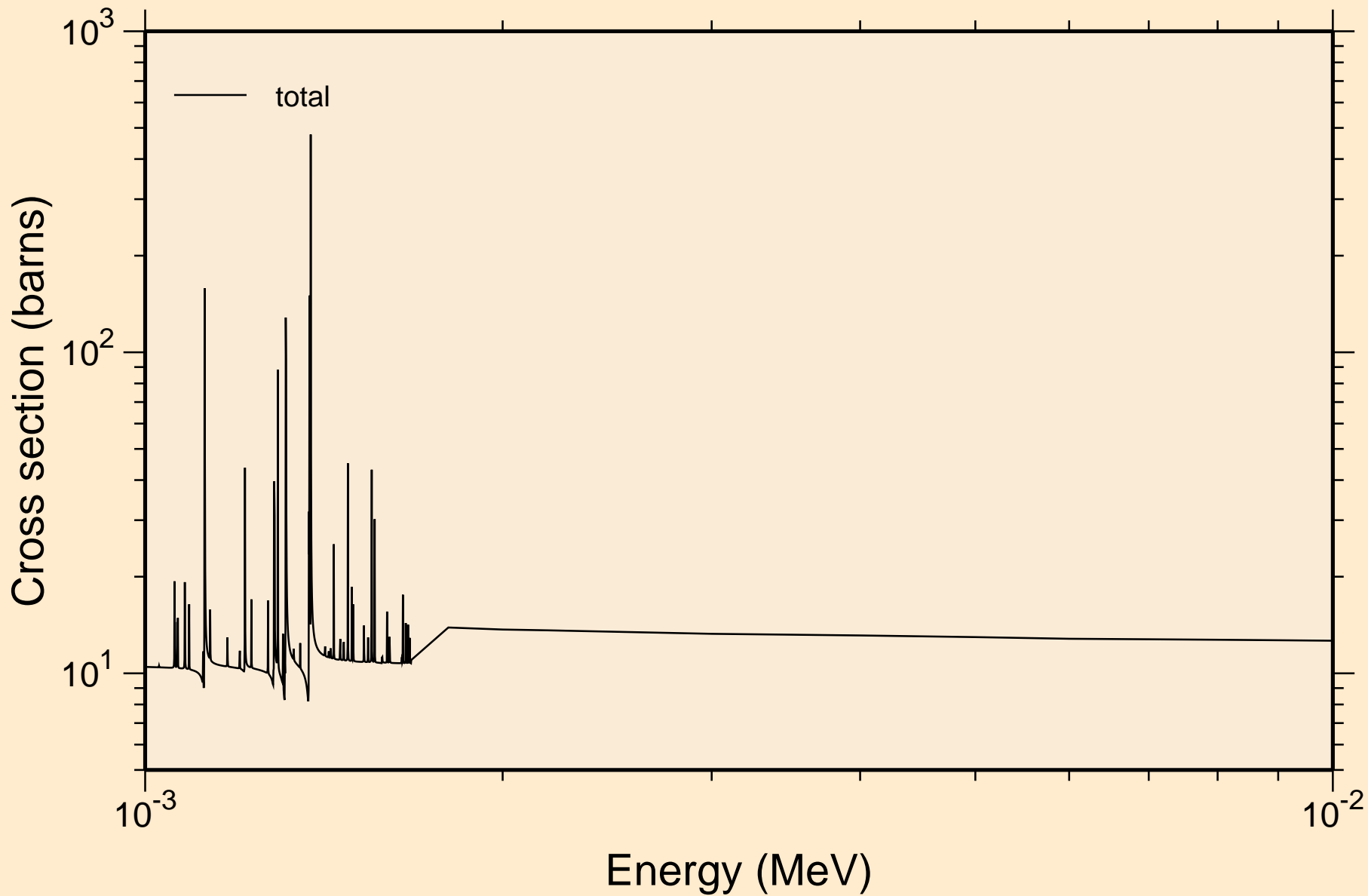
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



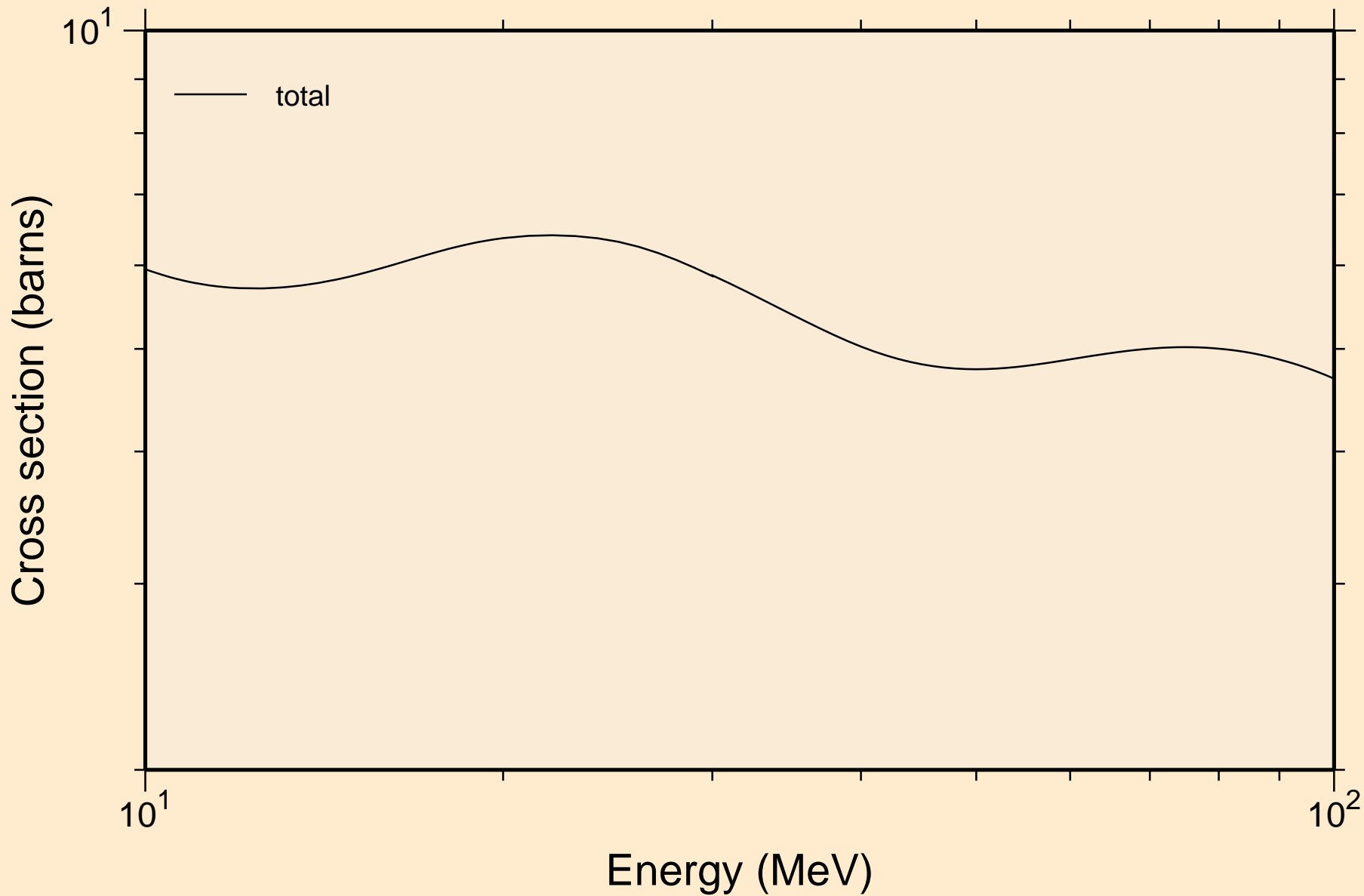
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



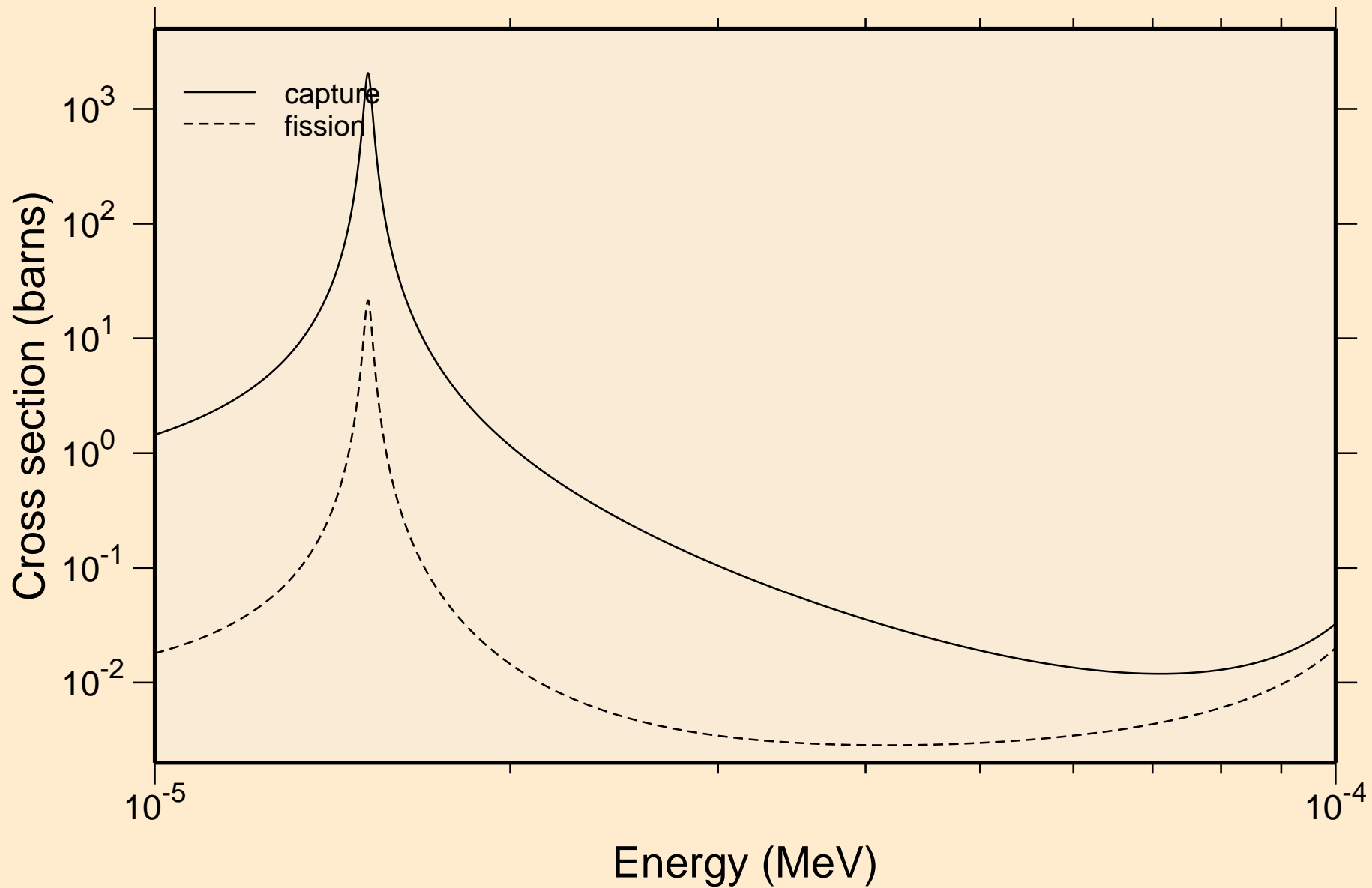
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



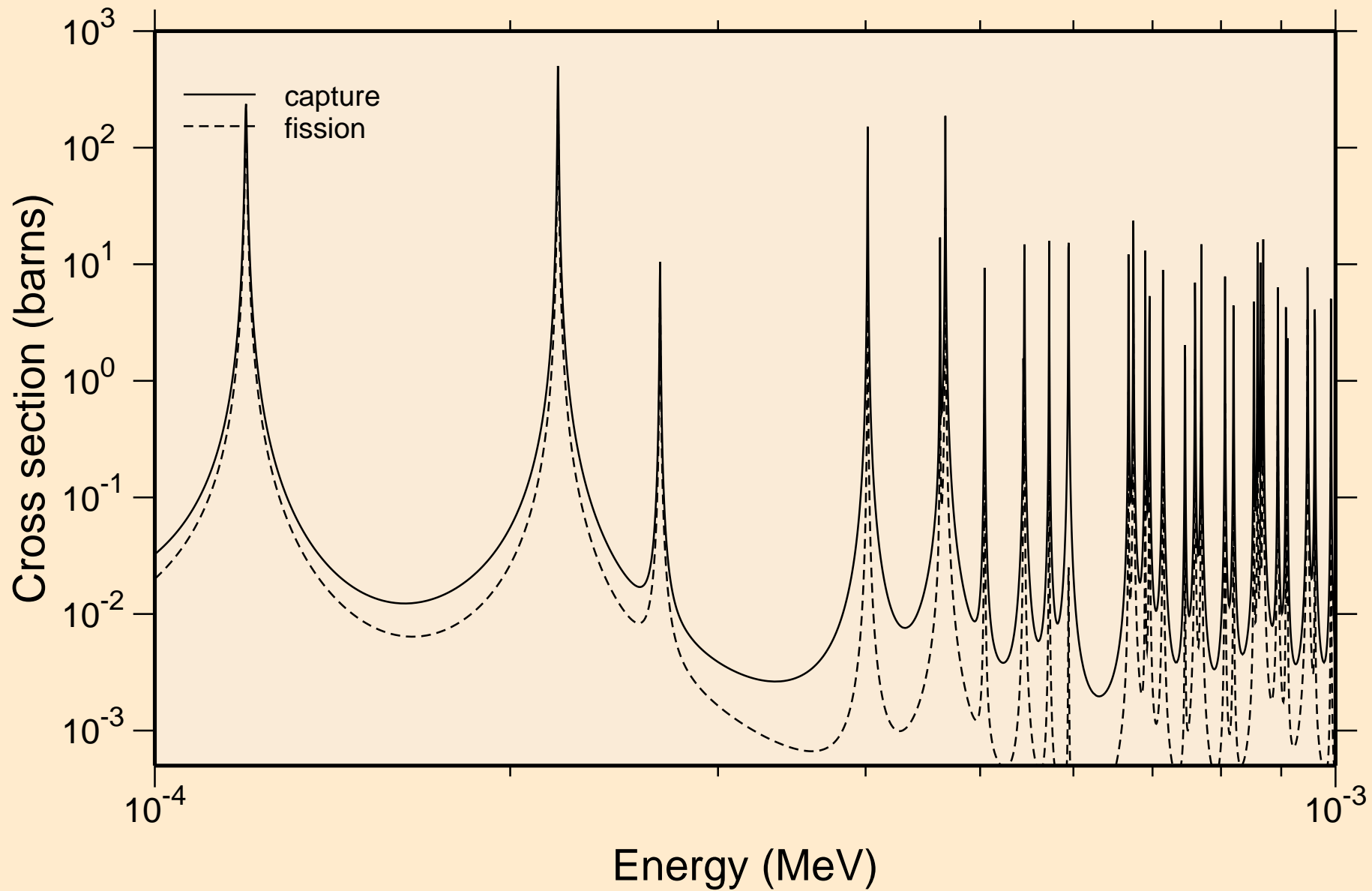
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance total cross section



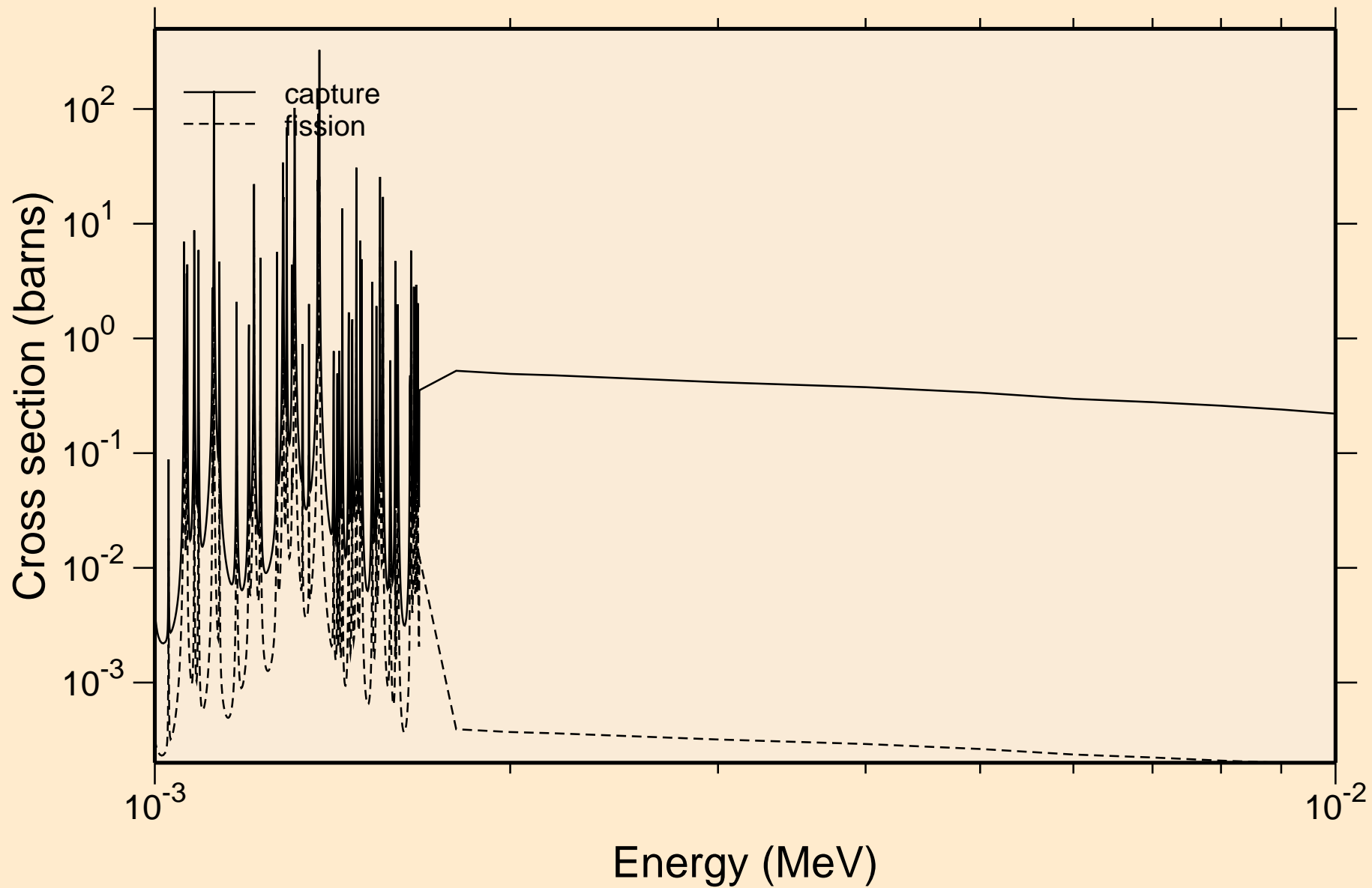
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections

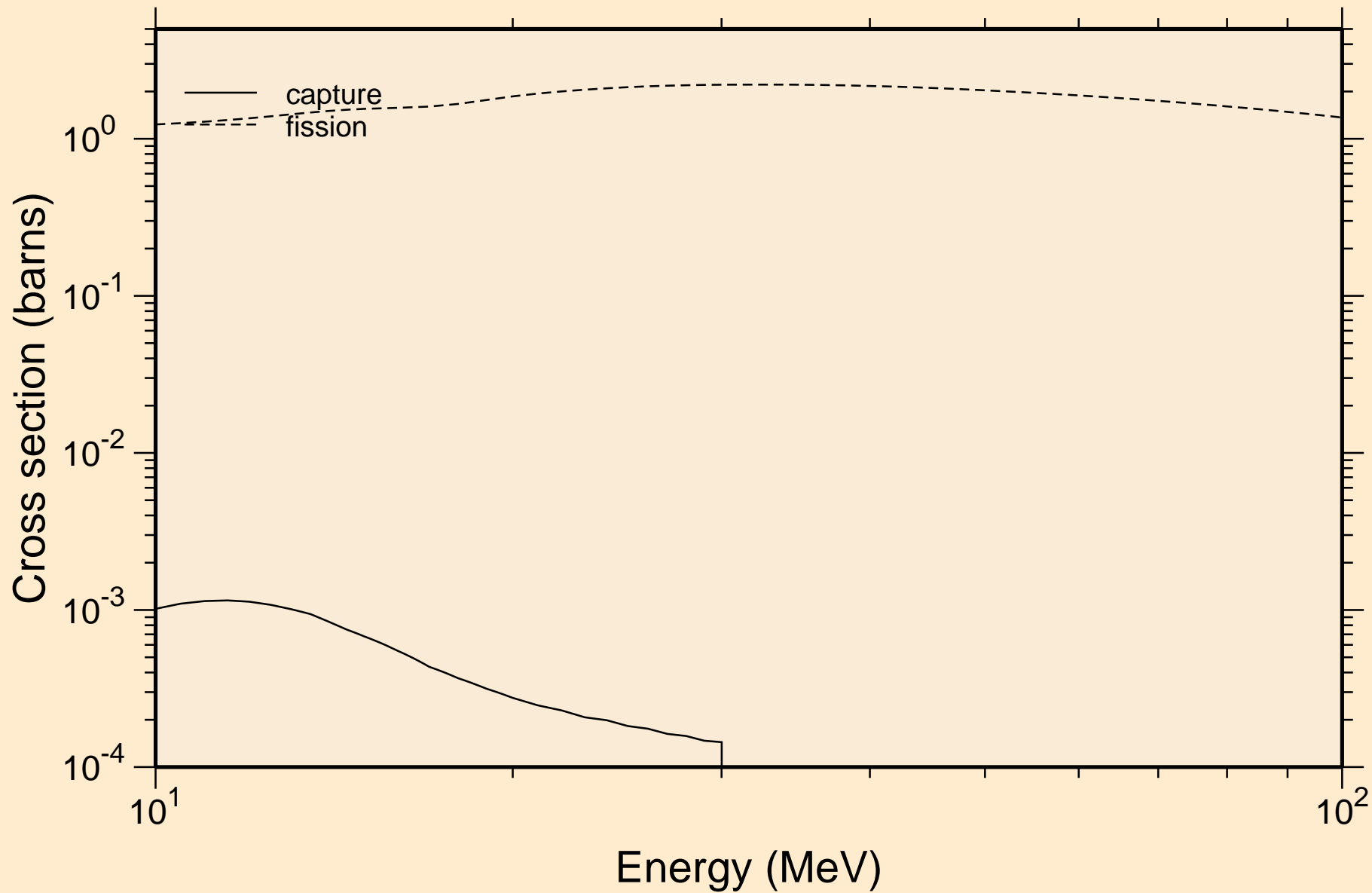


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



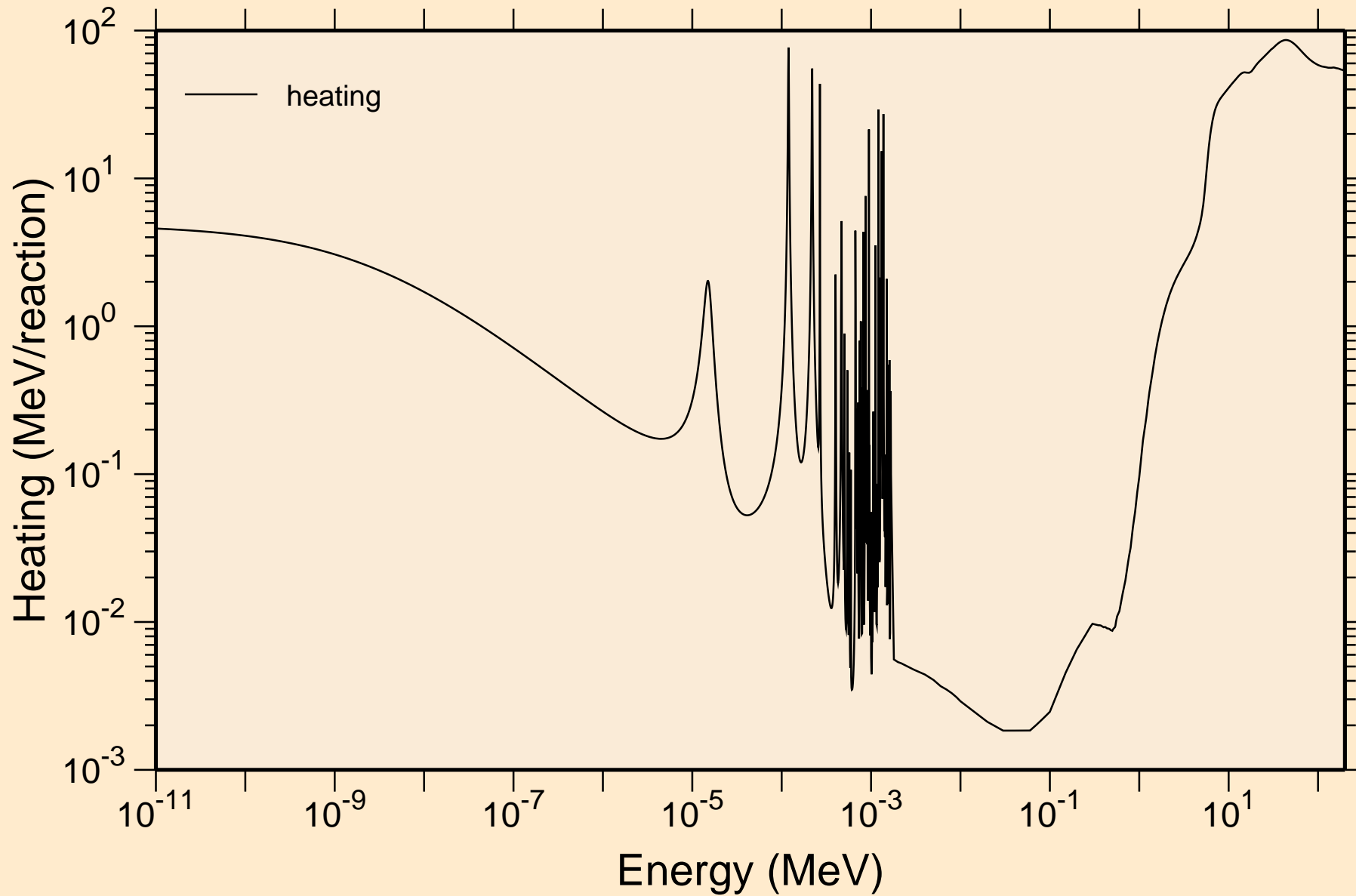


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
resonance absorption cross sections



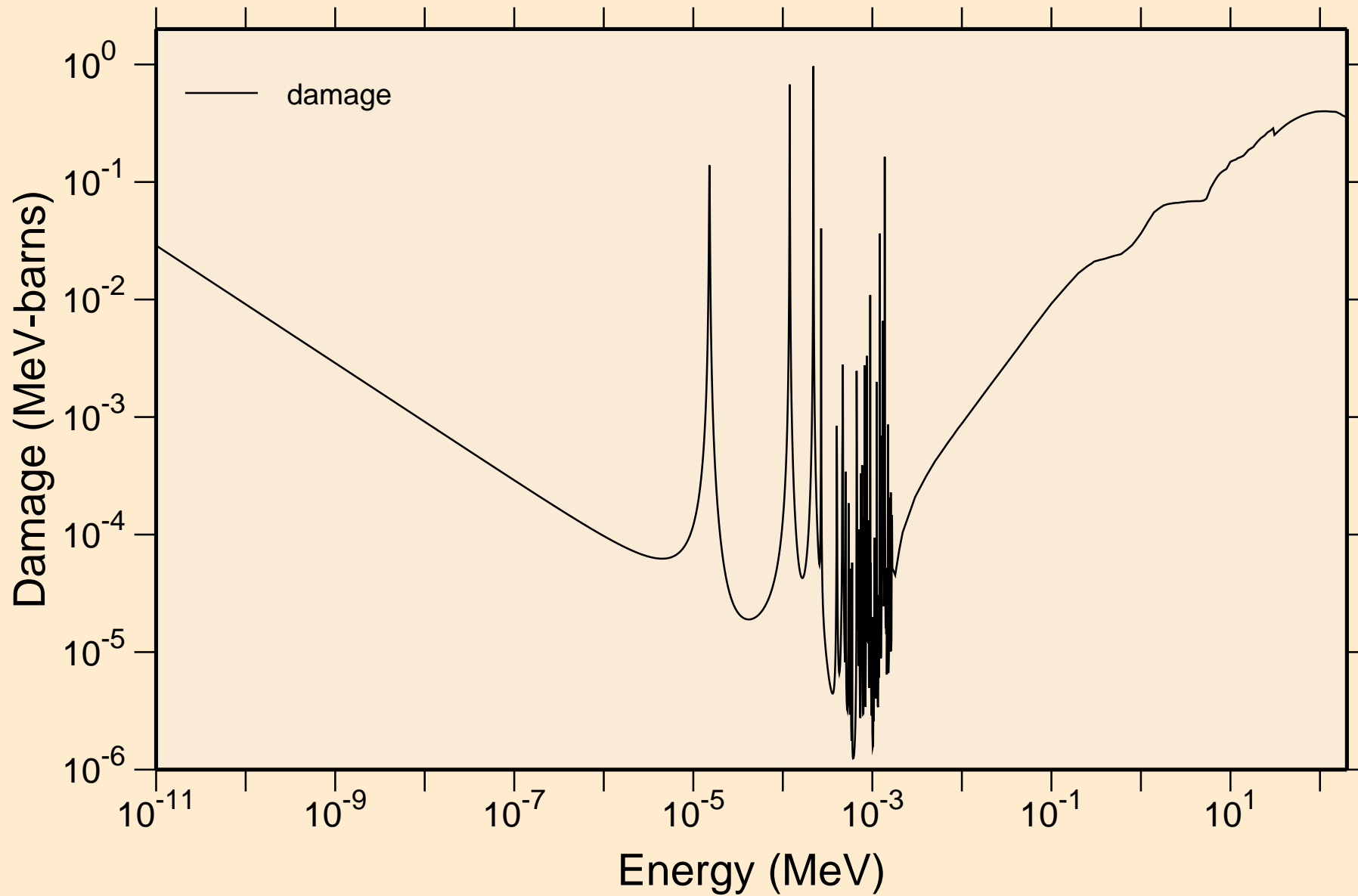
# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



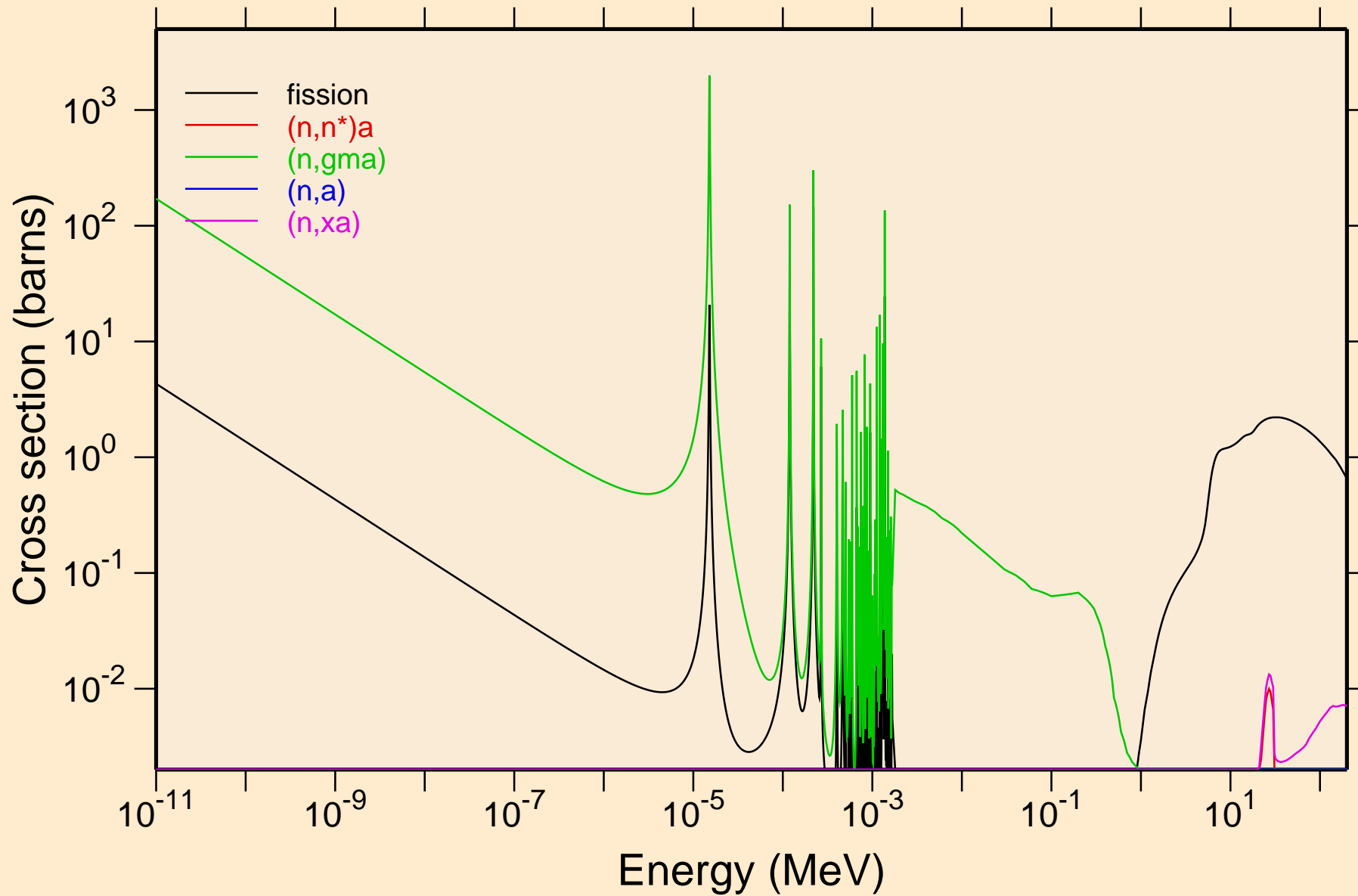
# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



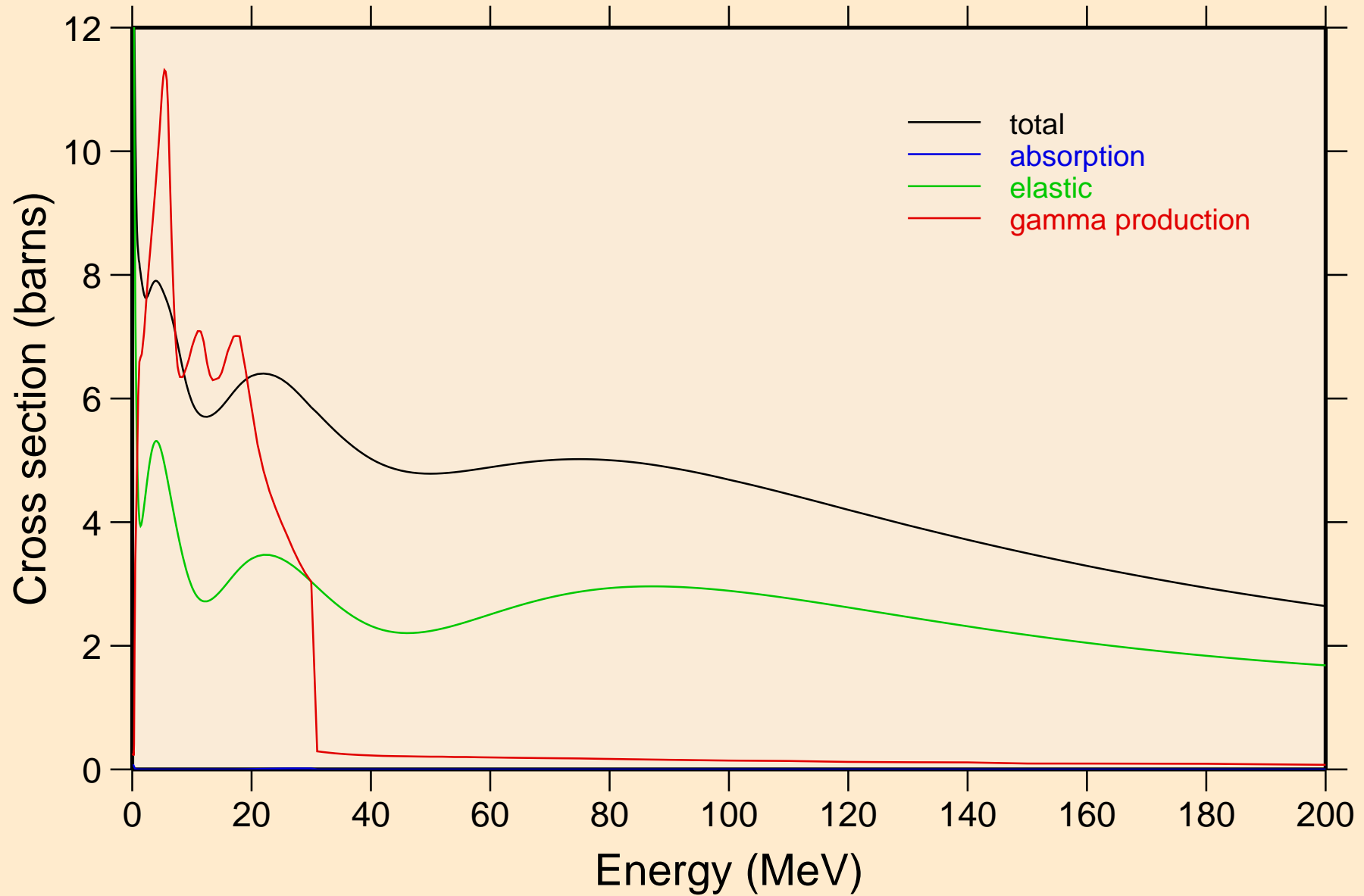
# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions



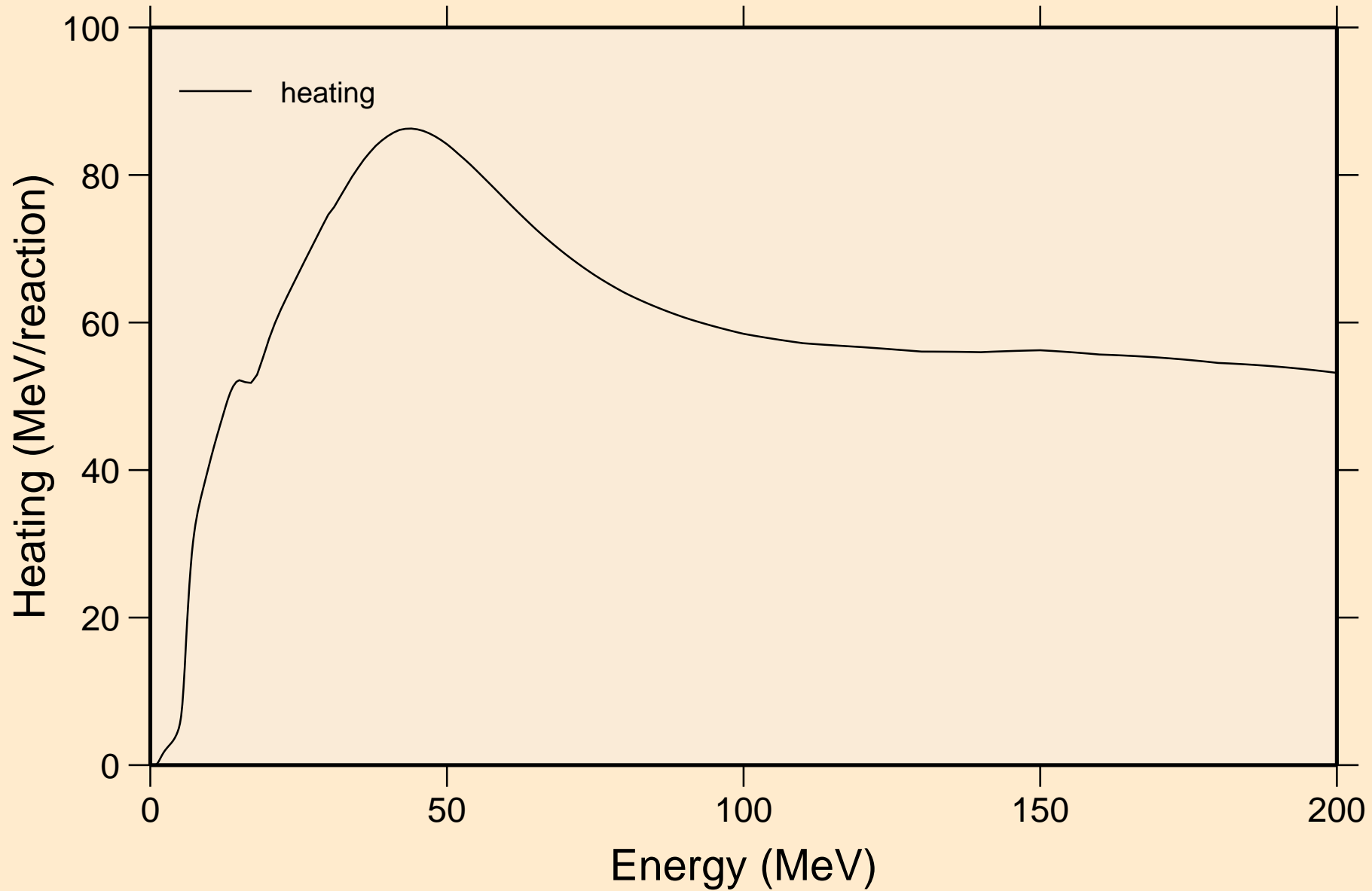
# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



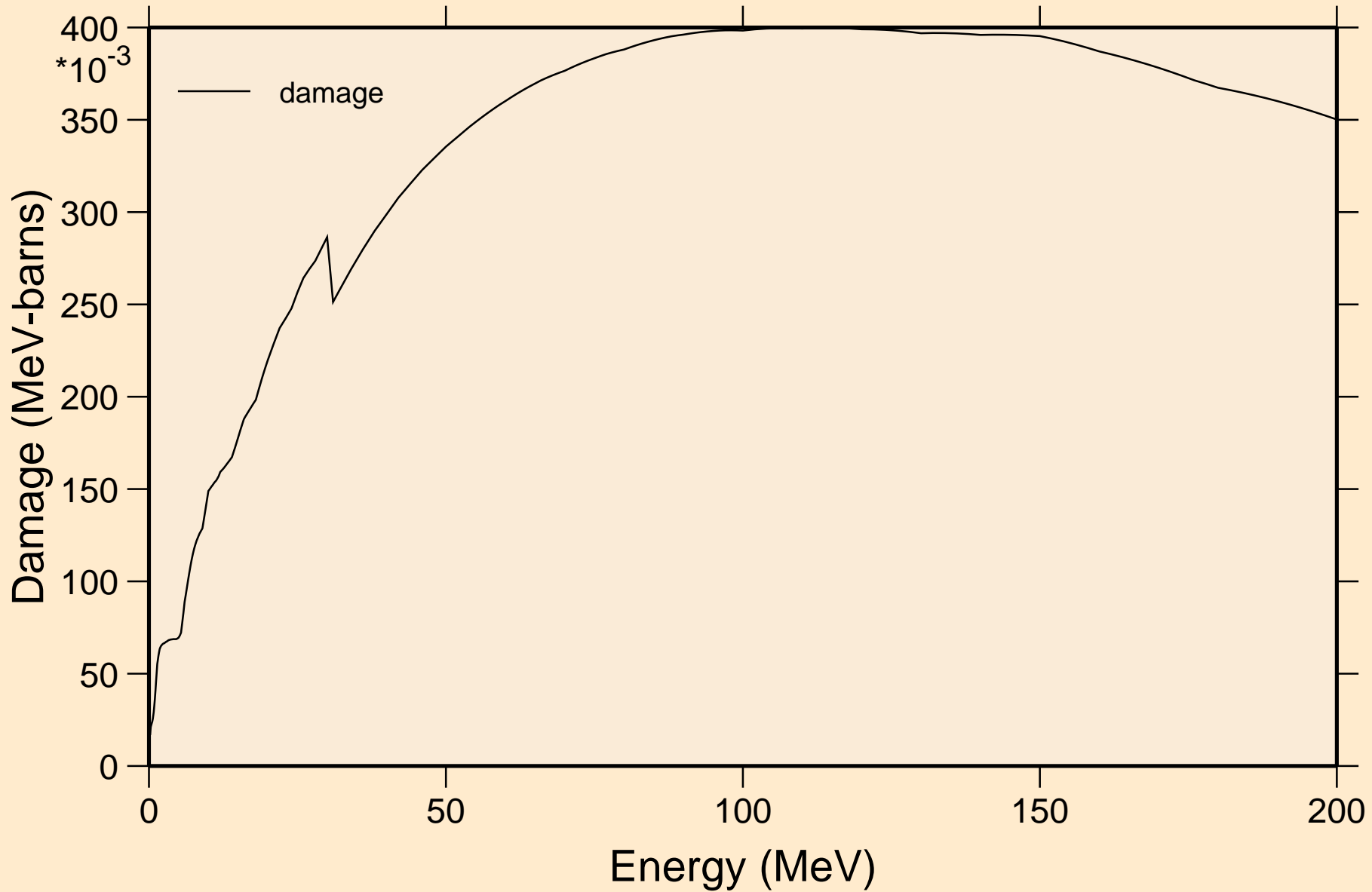
# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



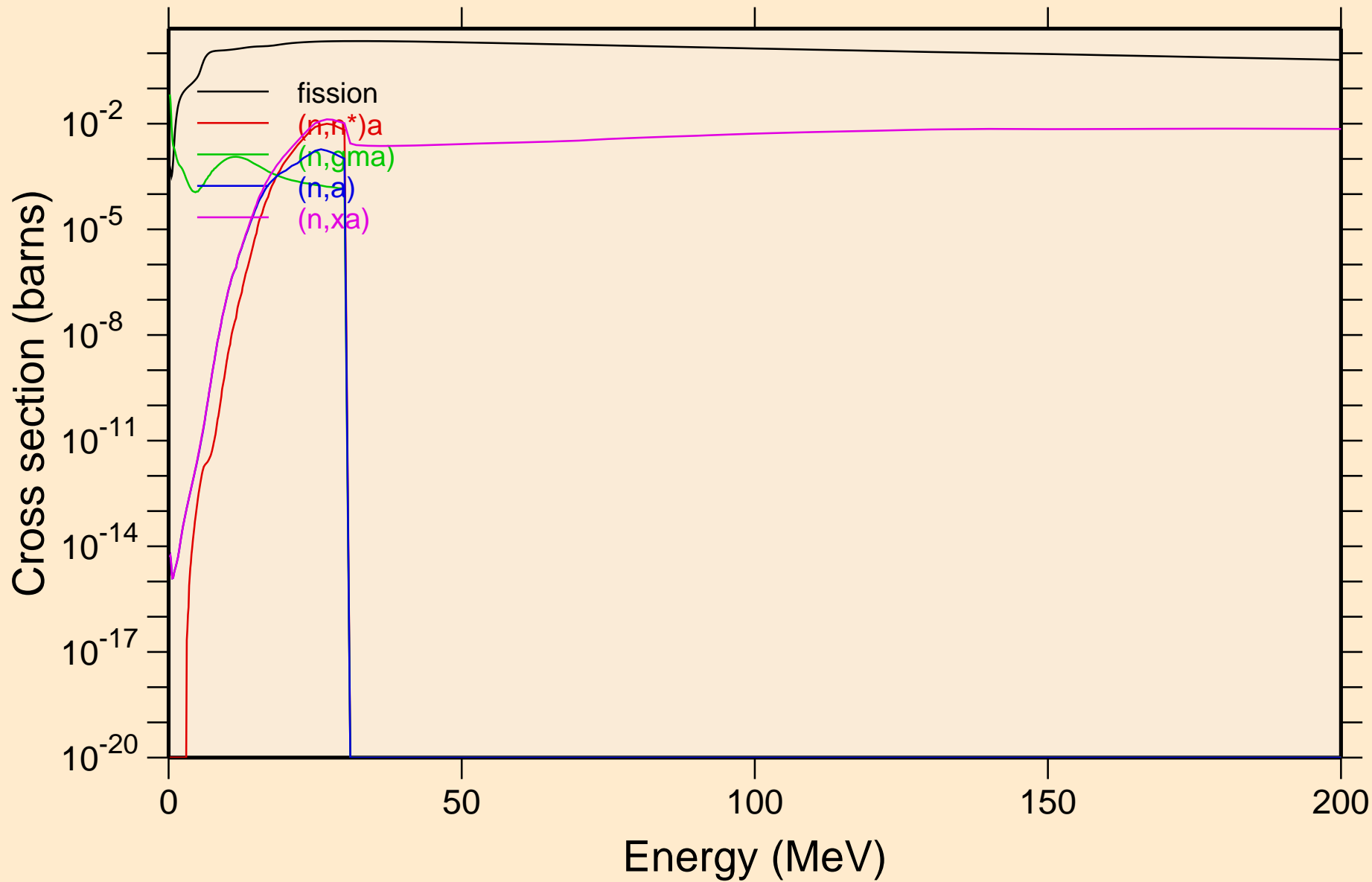
# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Damage



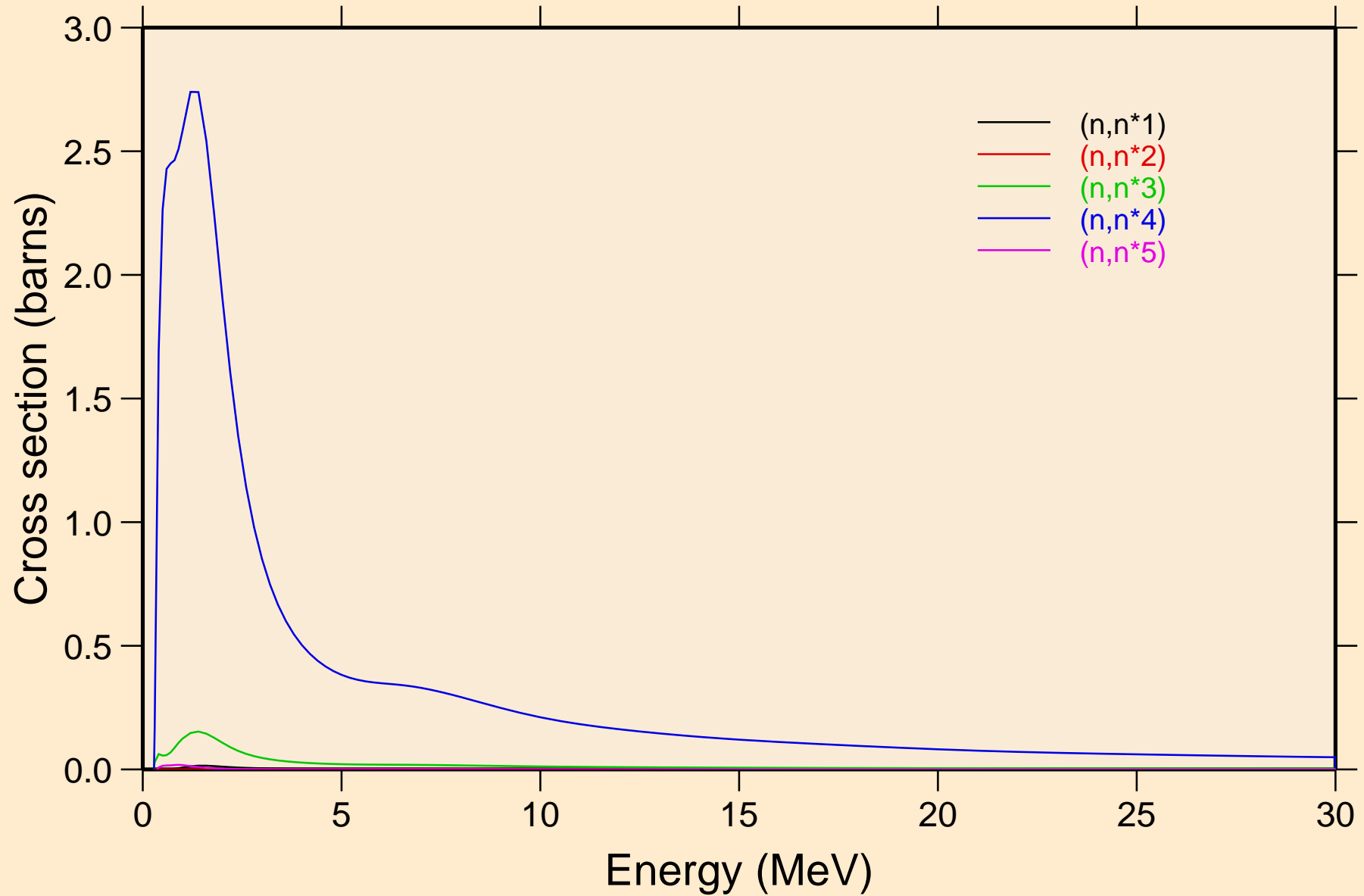
# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Non-threshold reactions

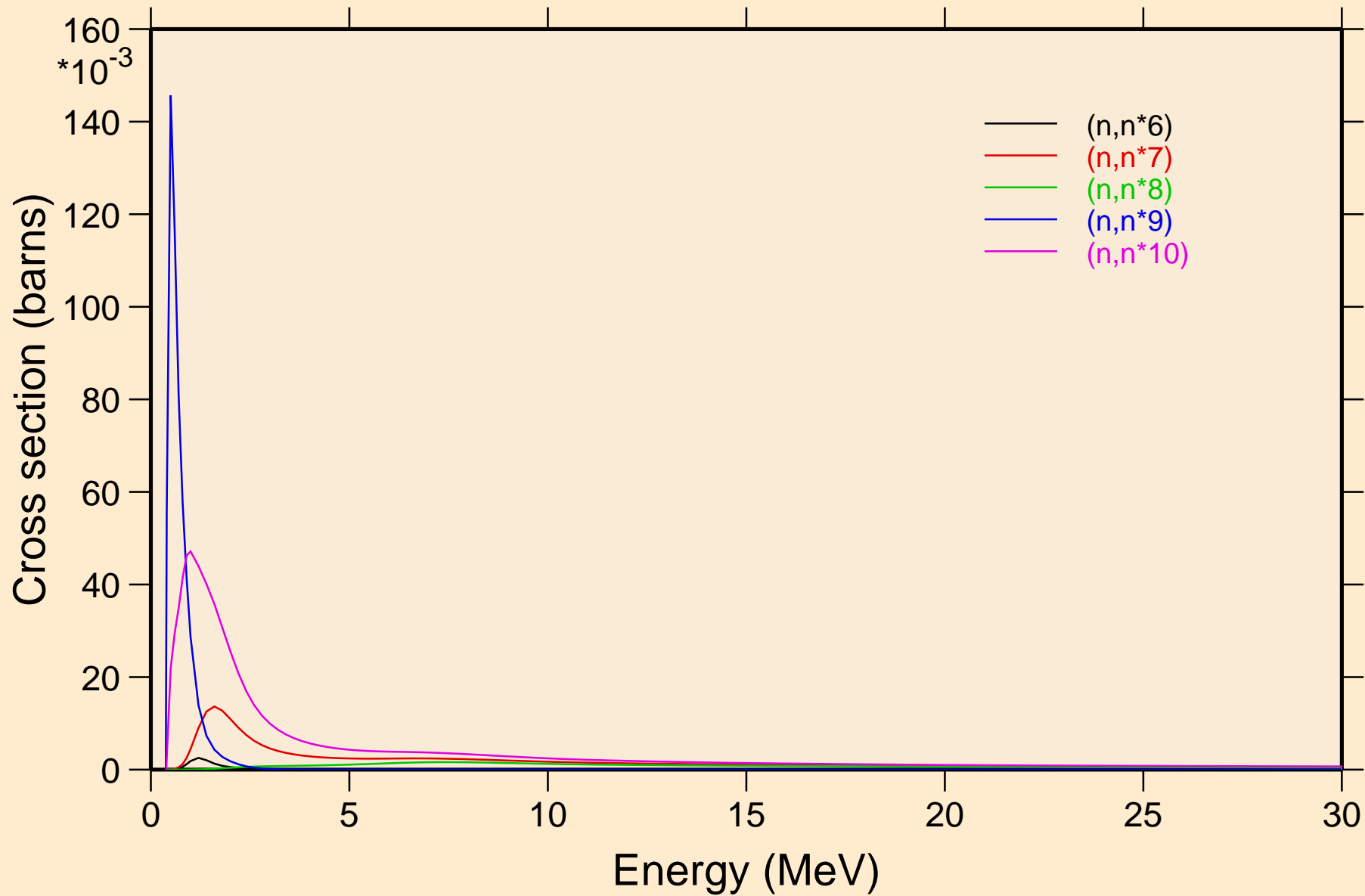




CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

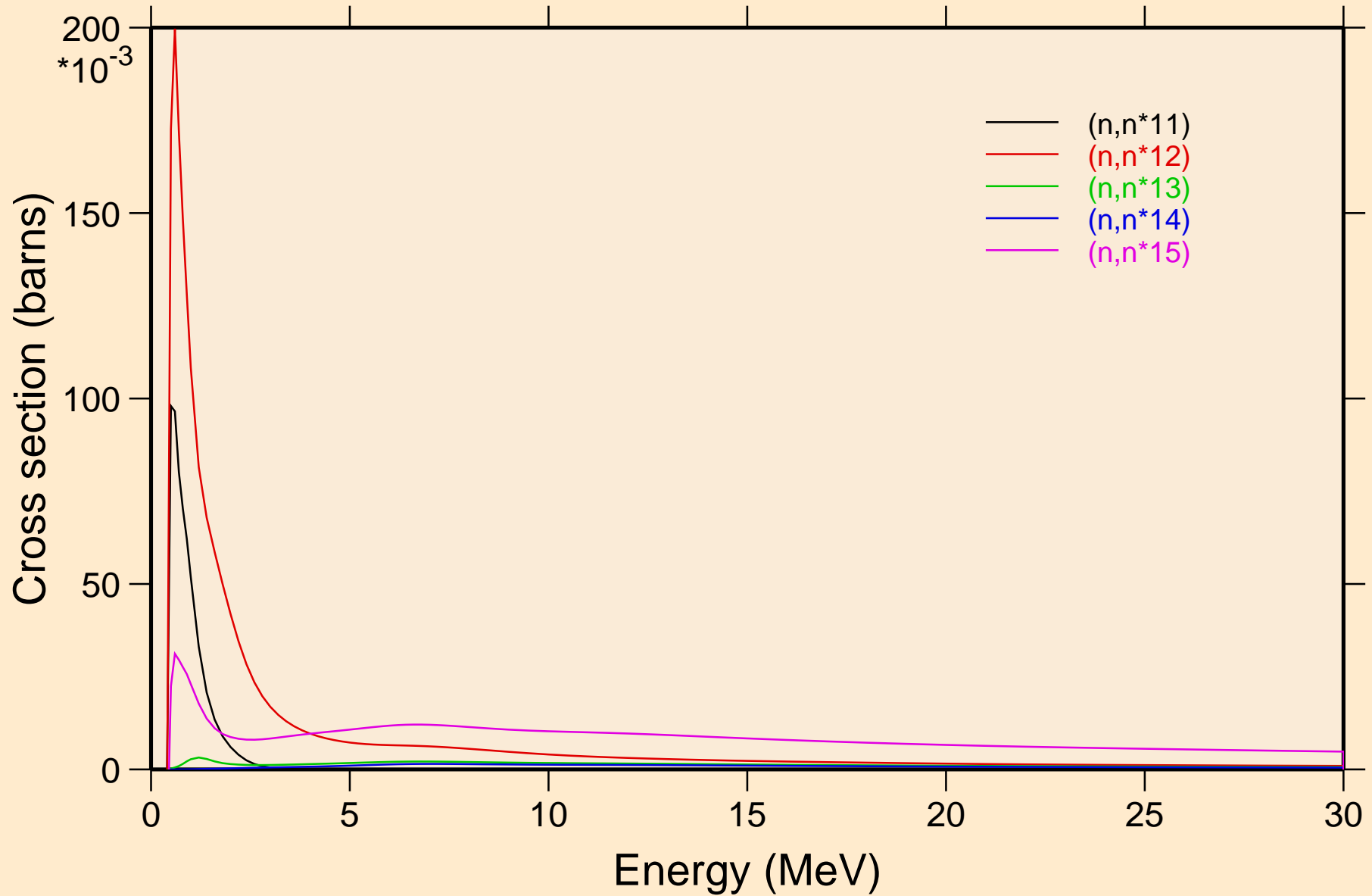


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

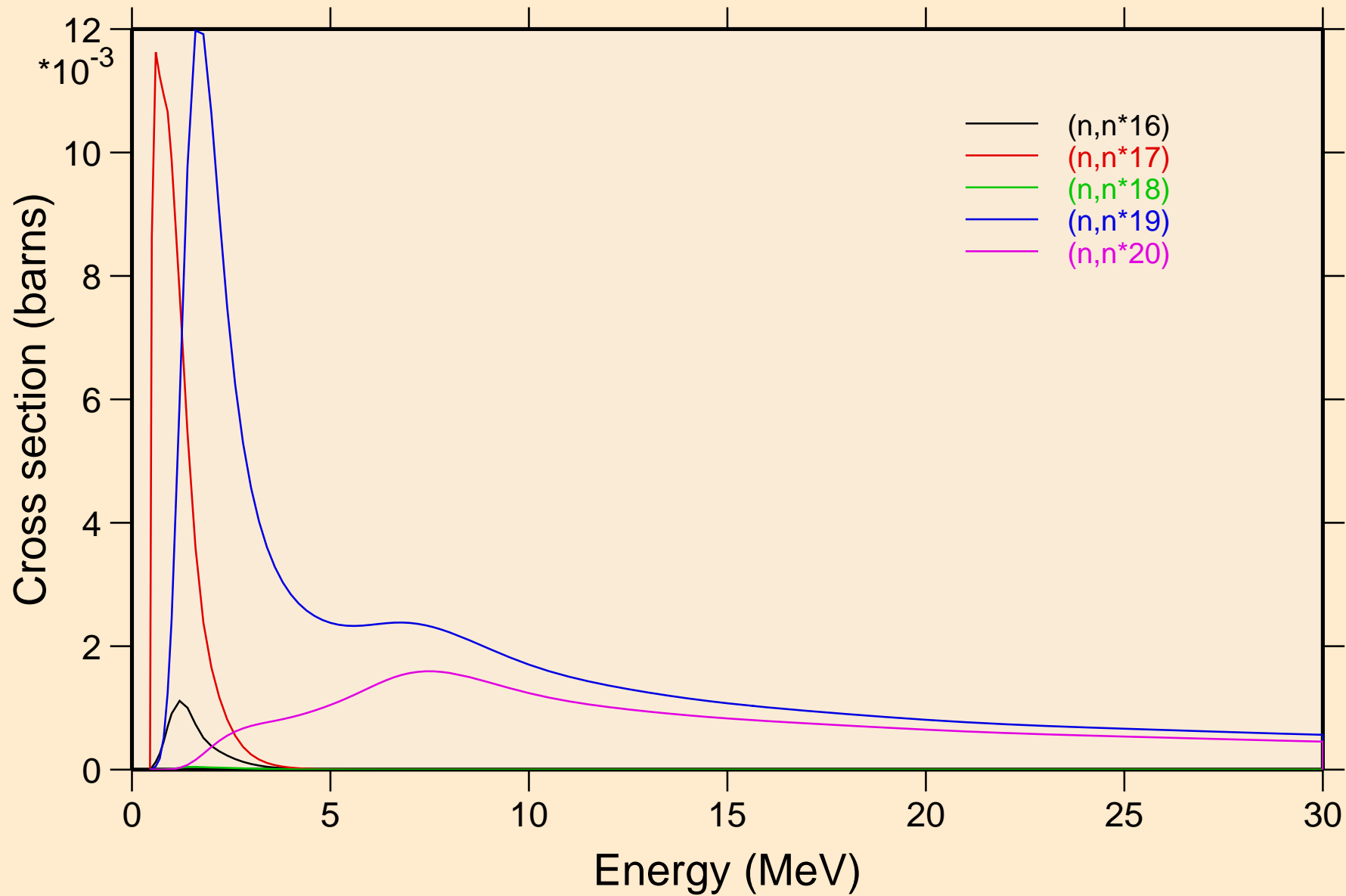


# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

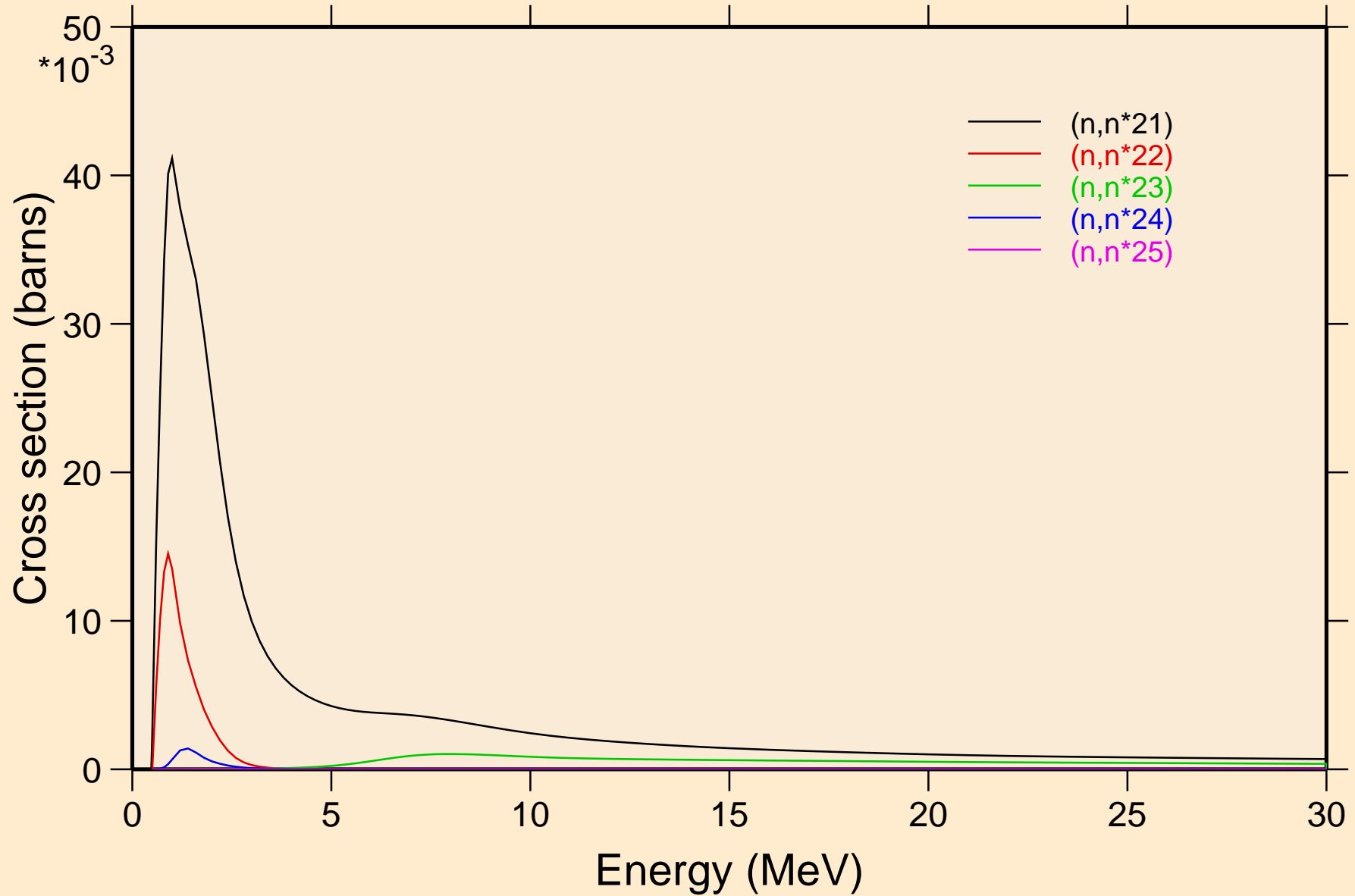
## Inelastic levels



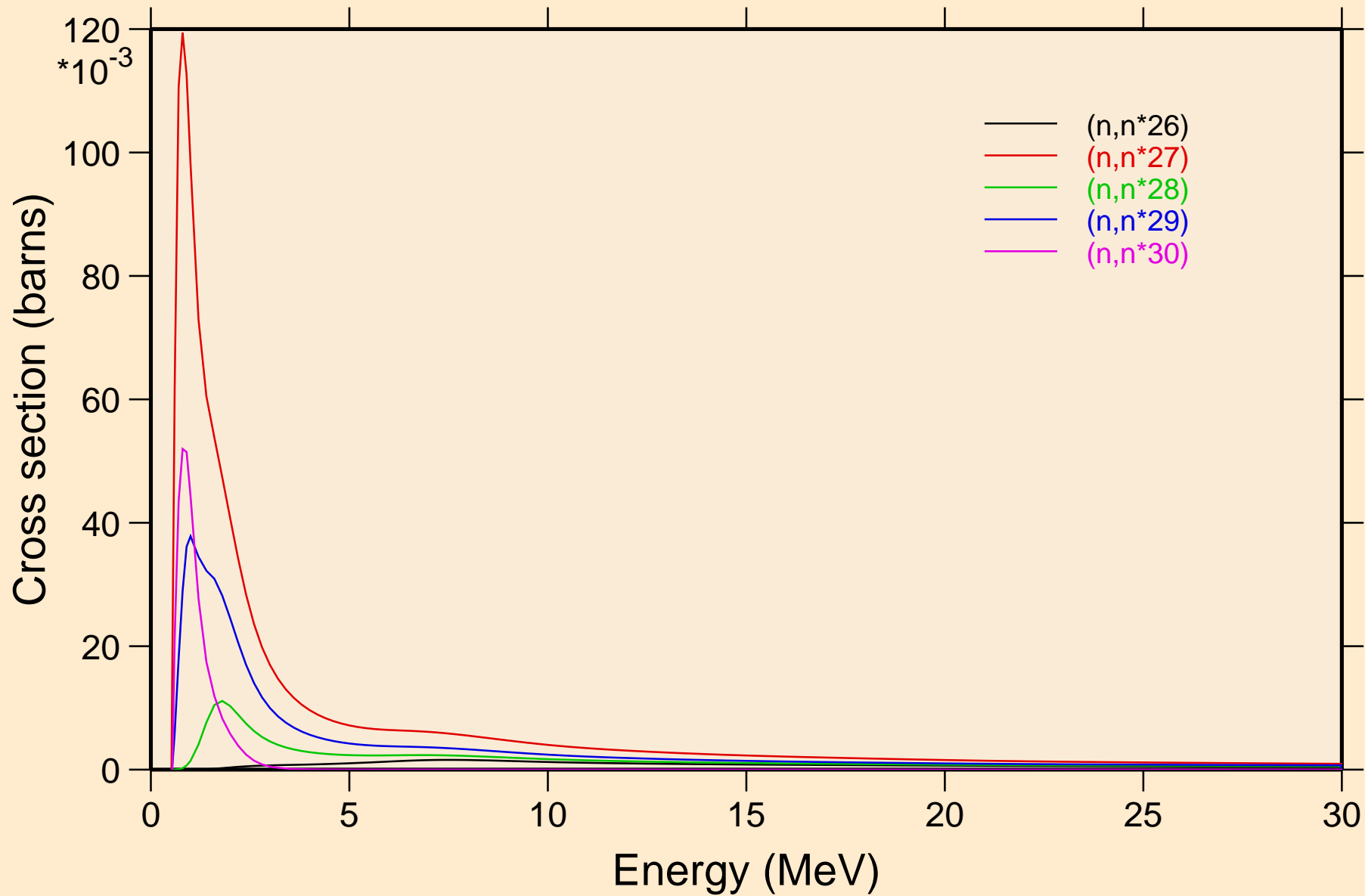
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels

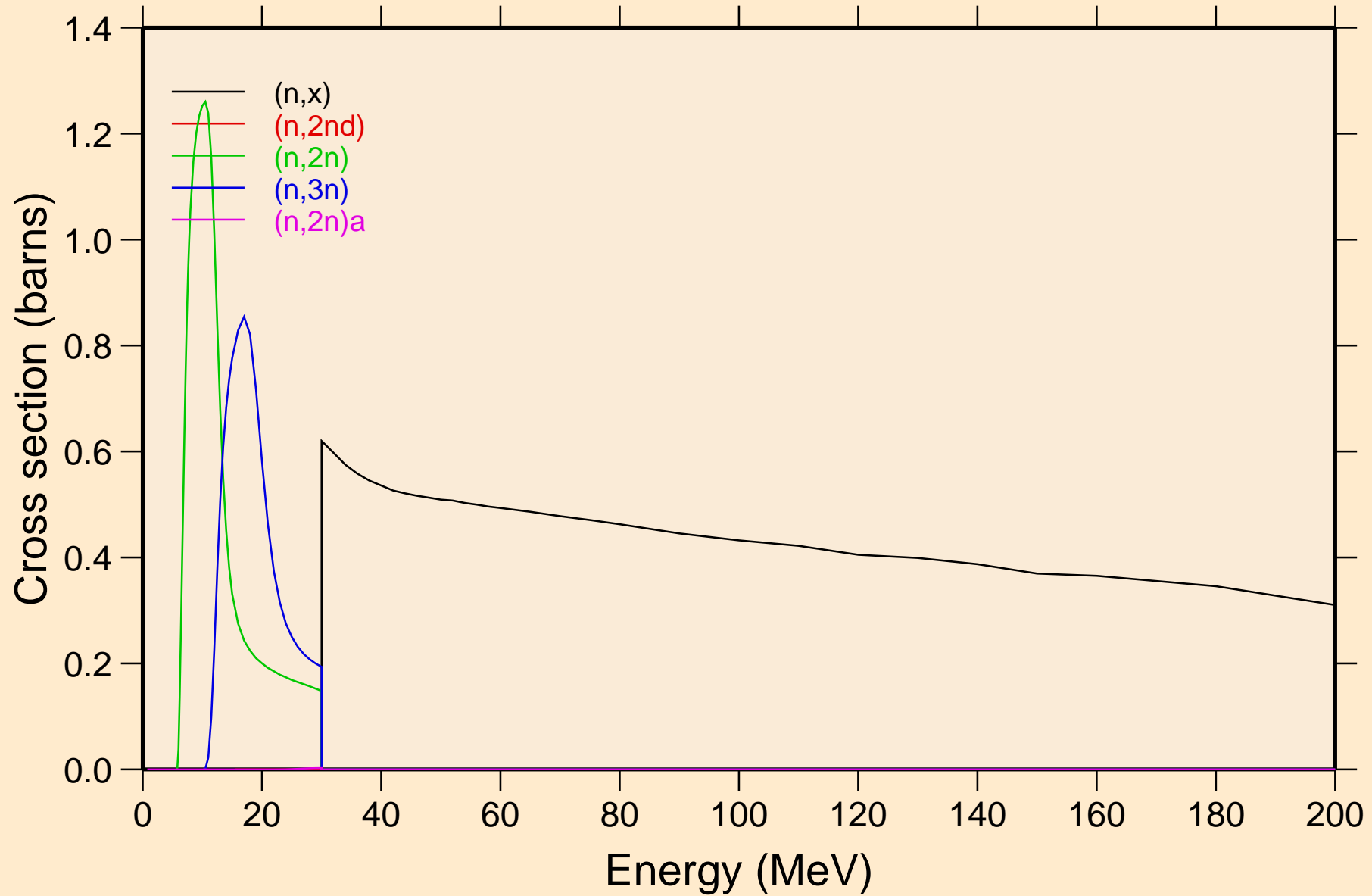


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Inelastic levels



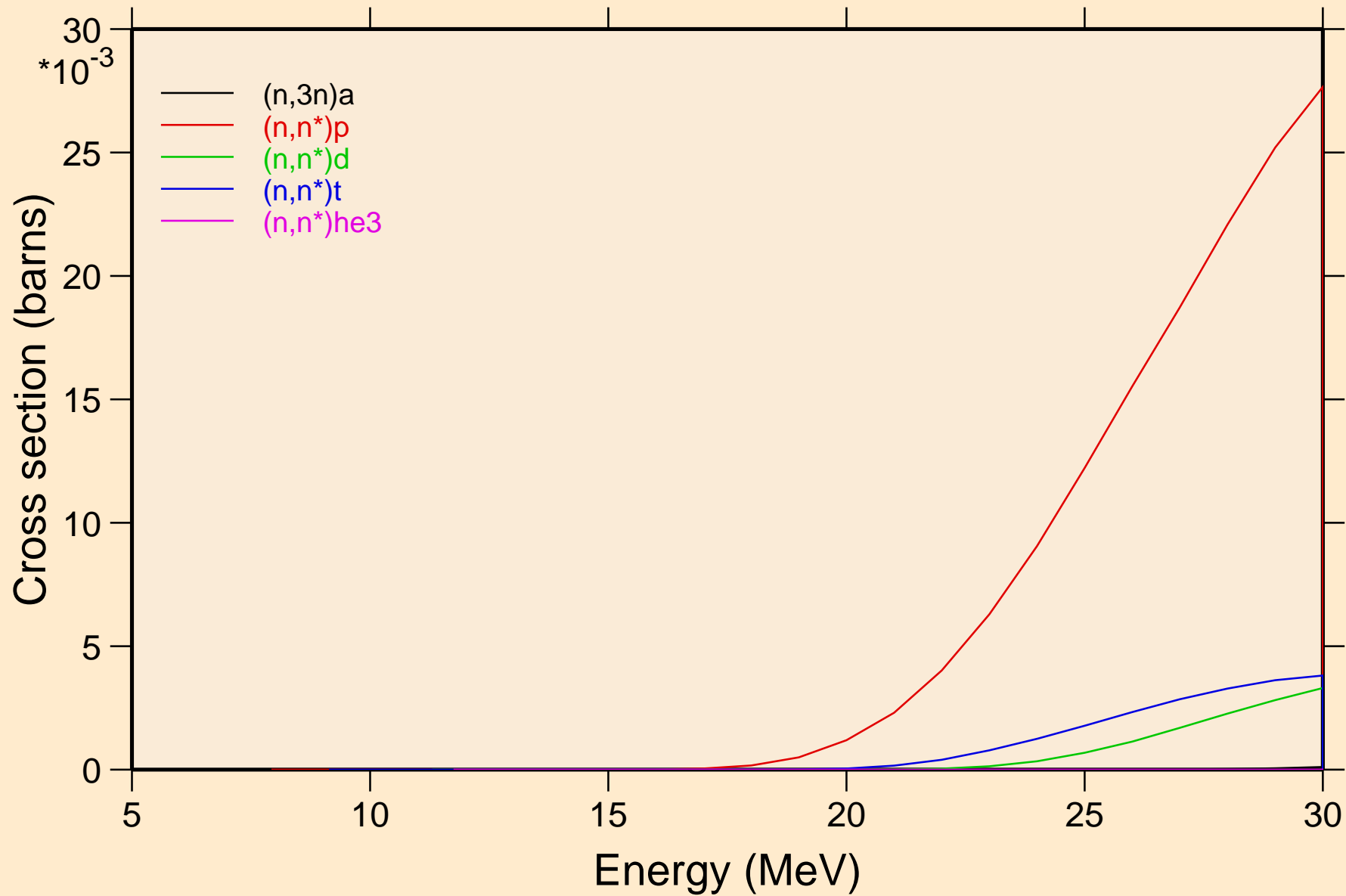
# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

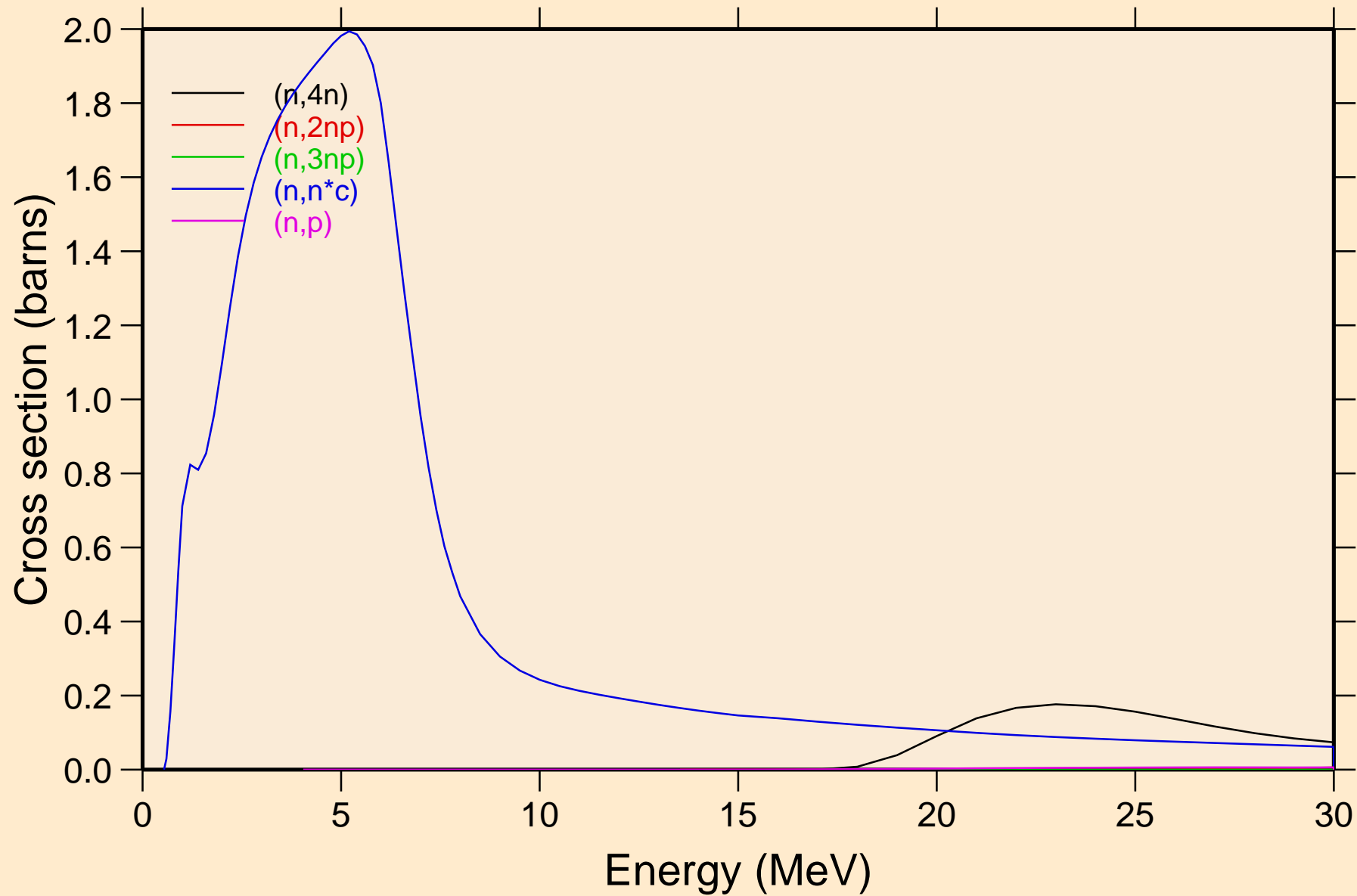
## Threshold reactions



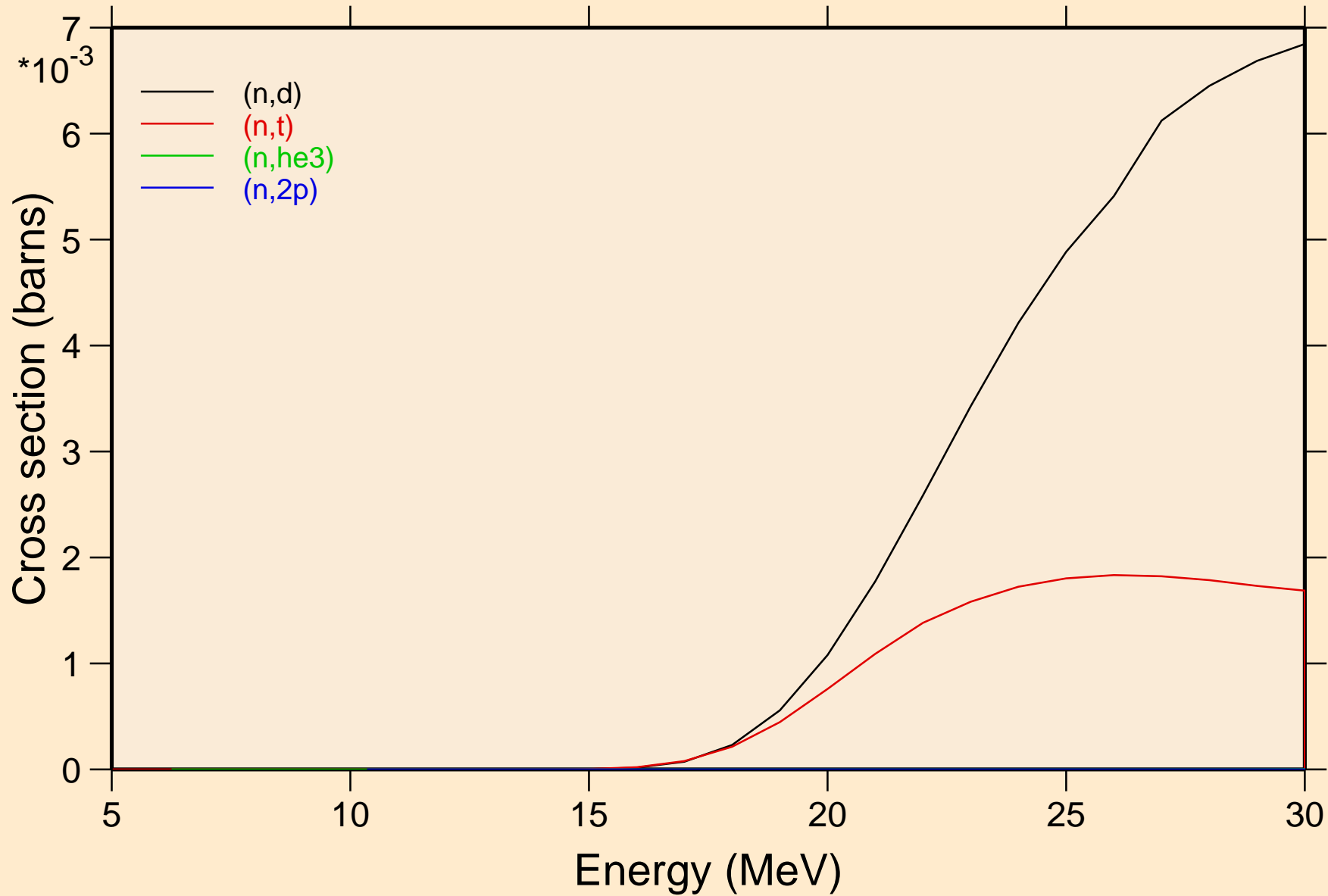


# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

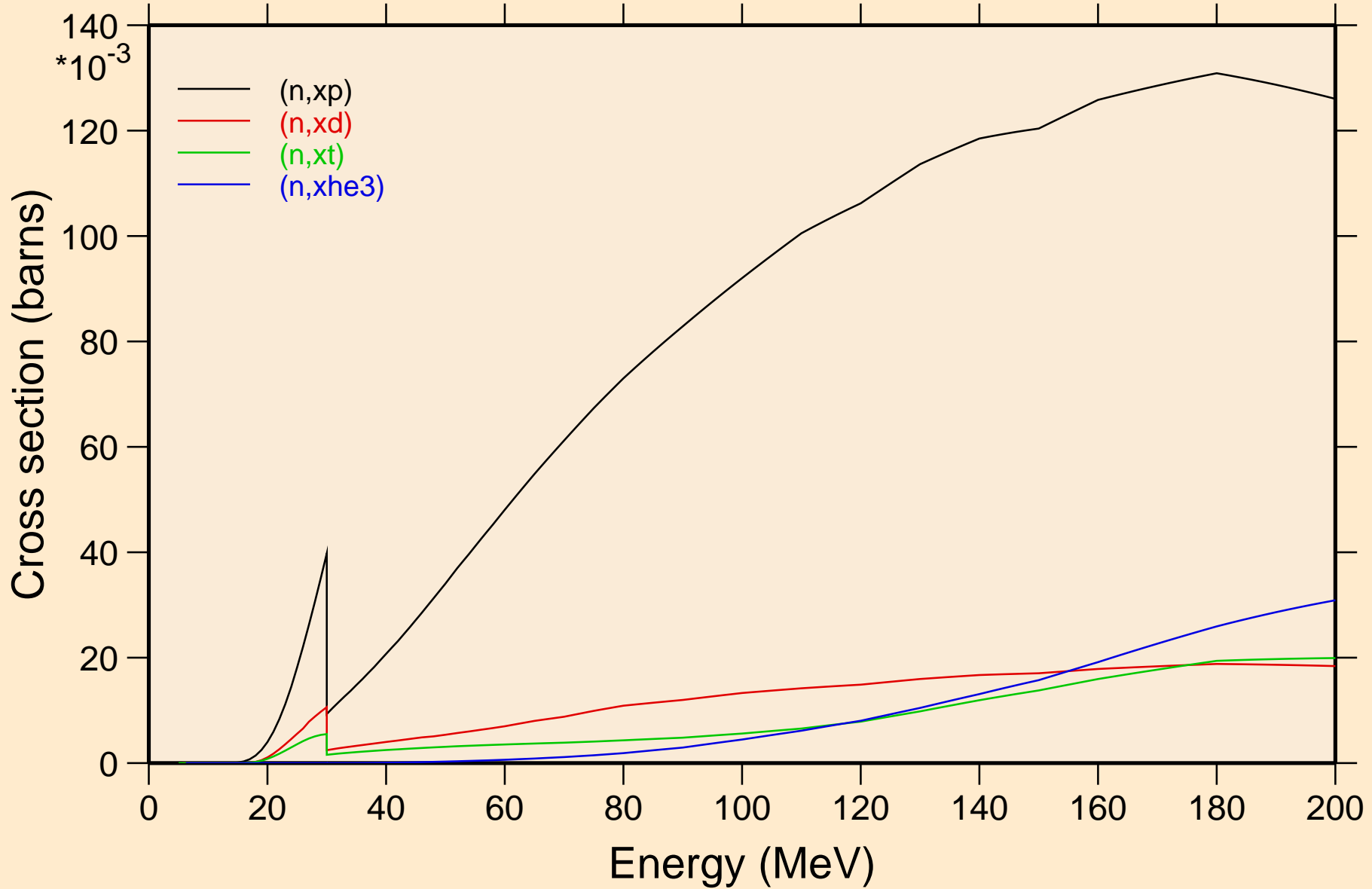


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

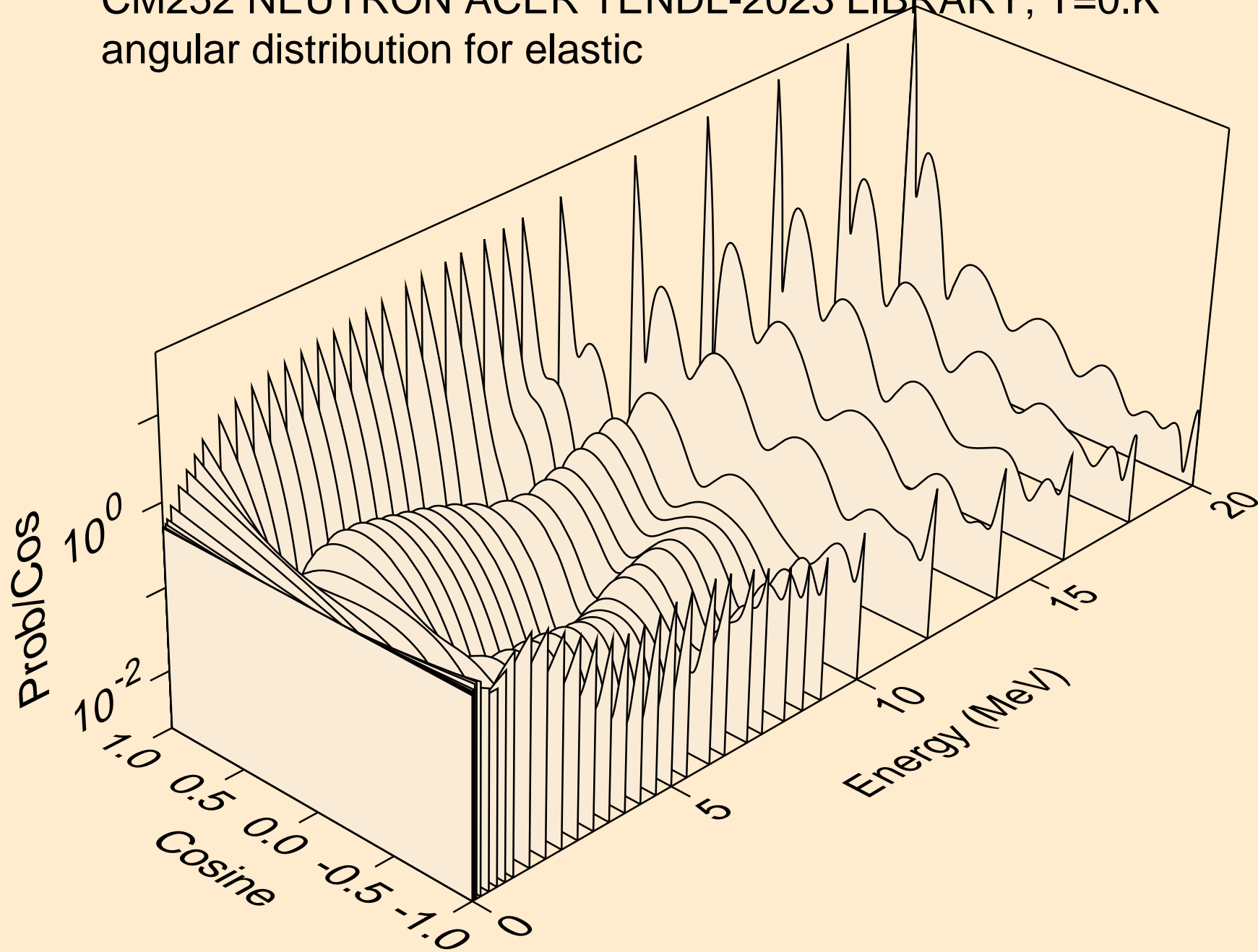


# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

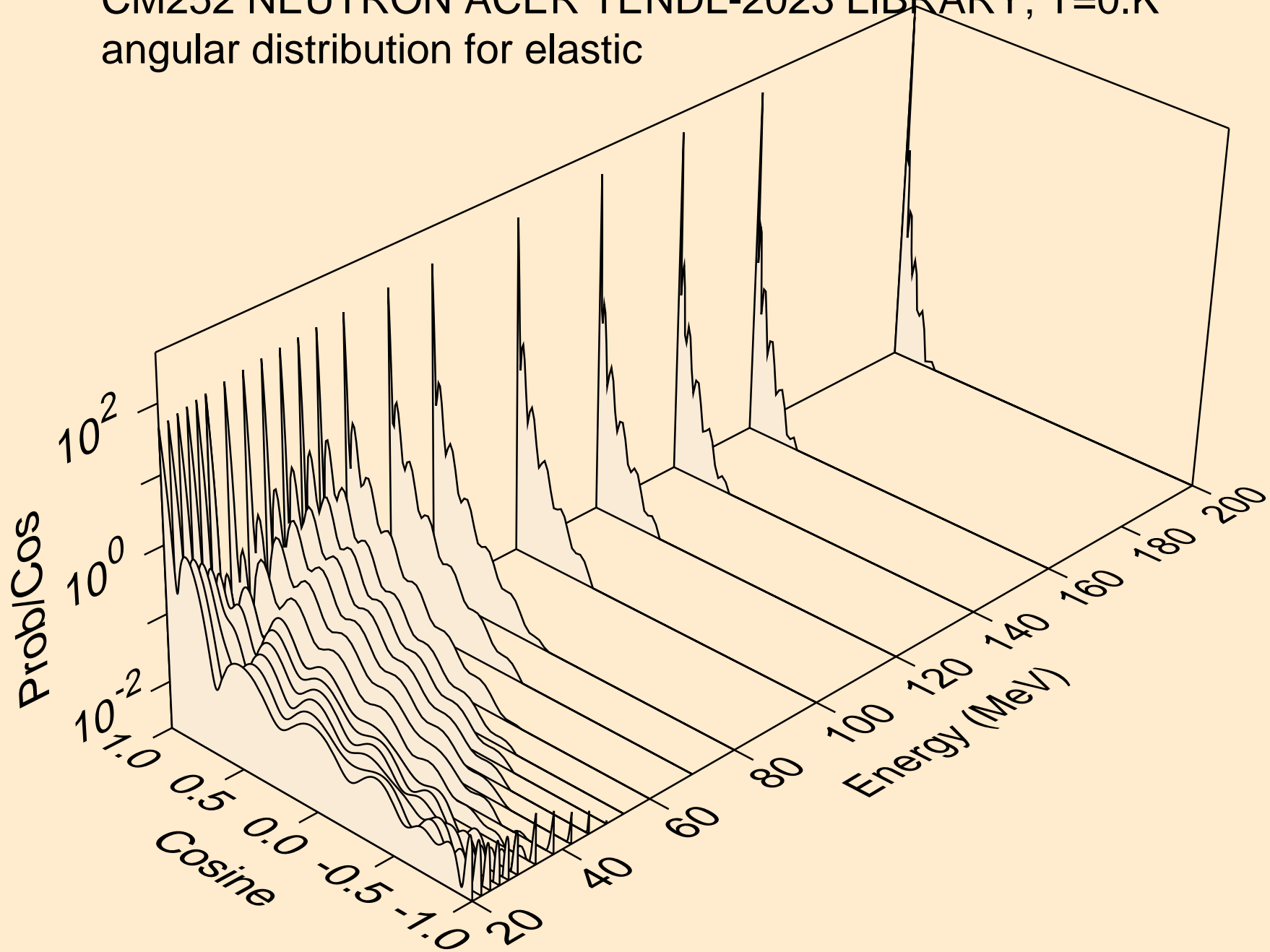
## Threshold reactions



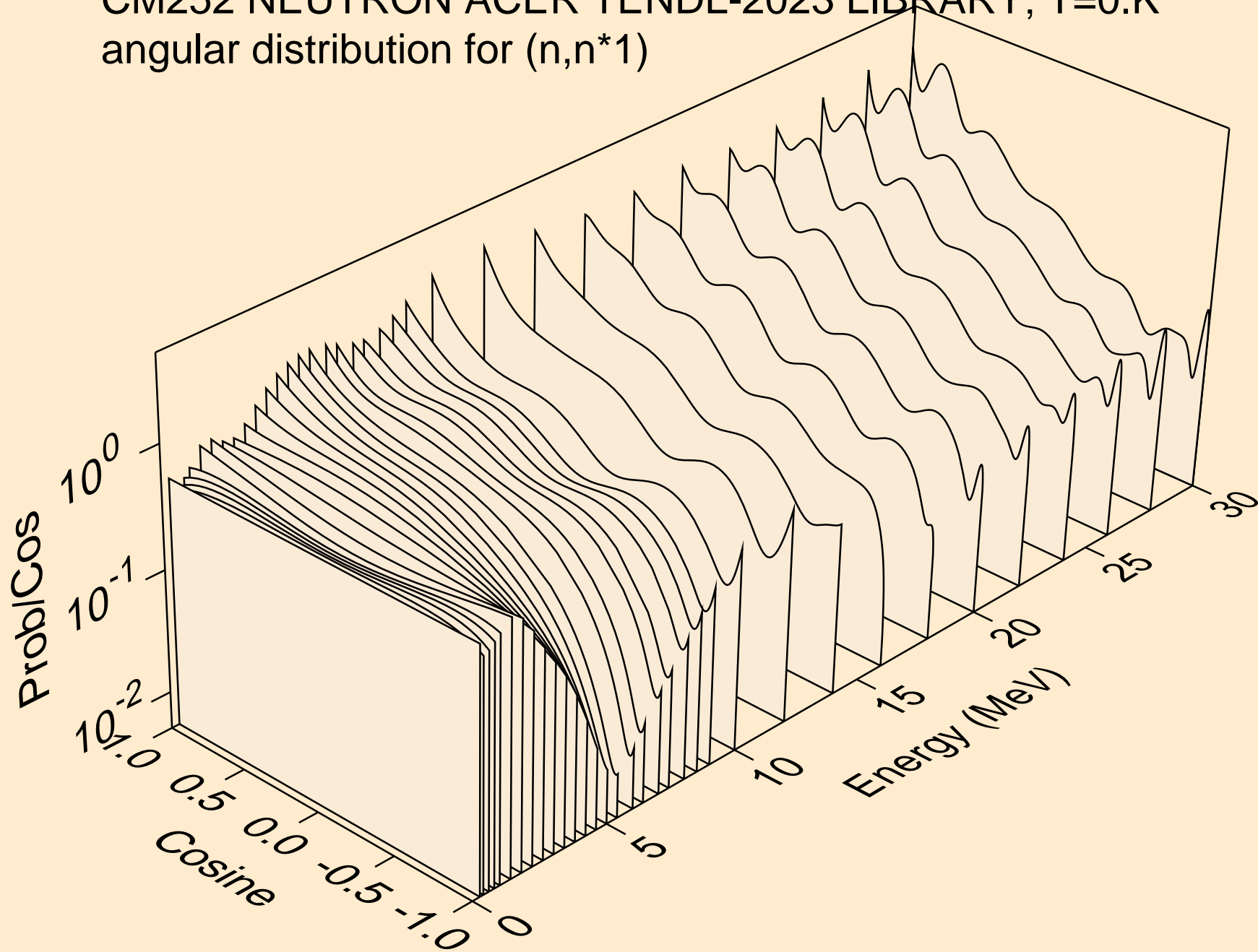
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



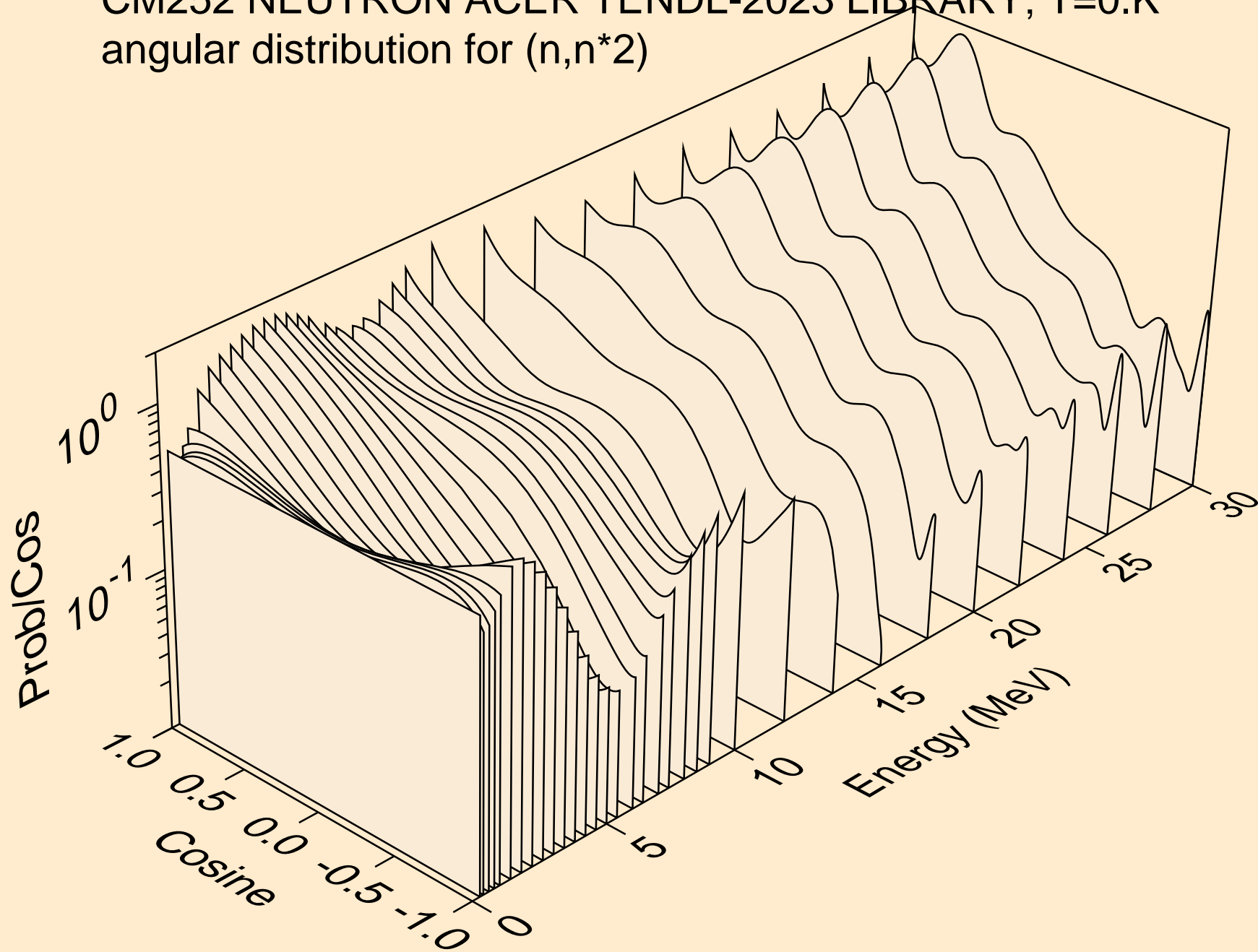
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



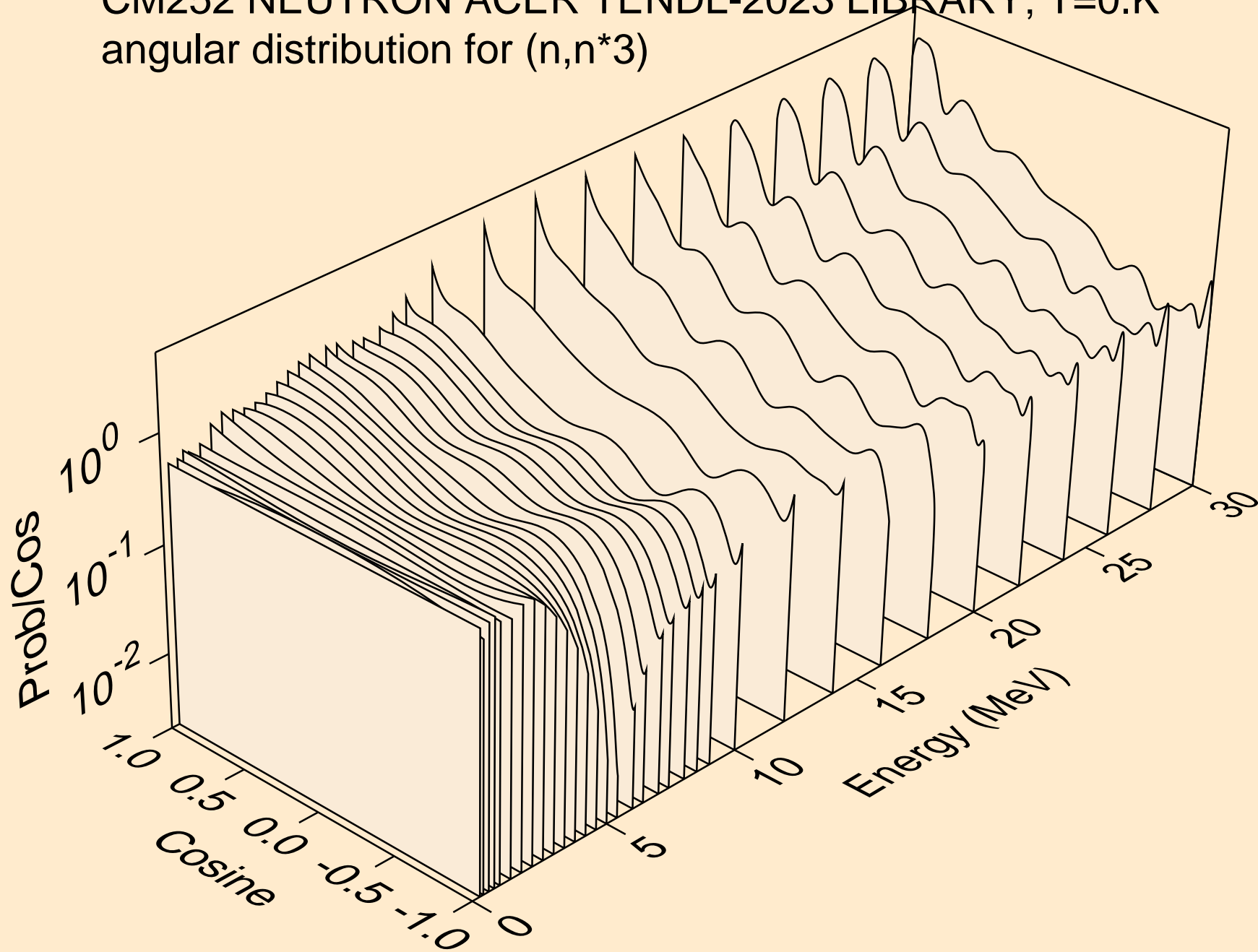
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

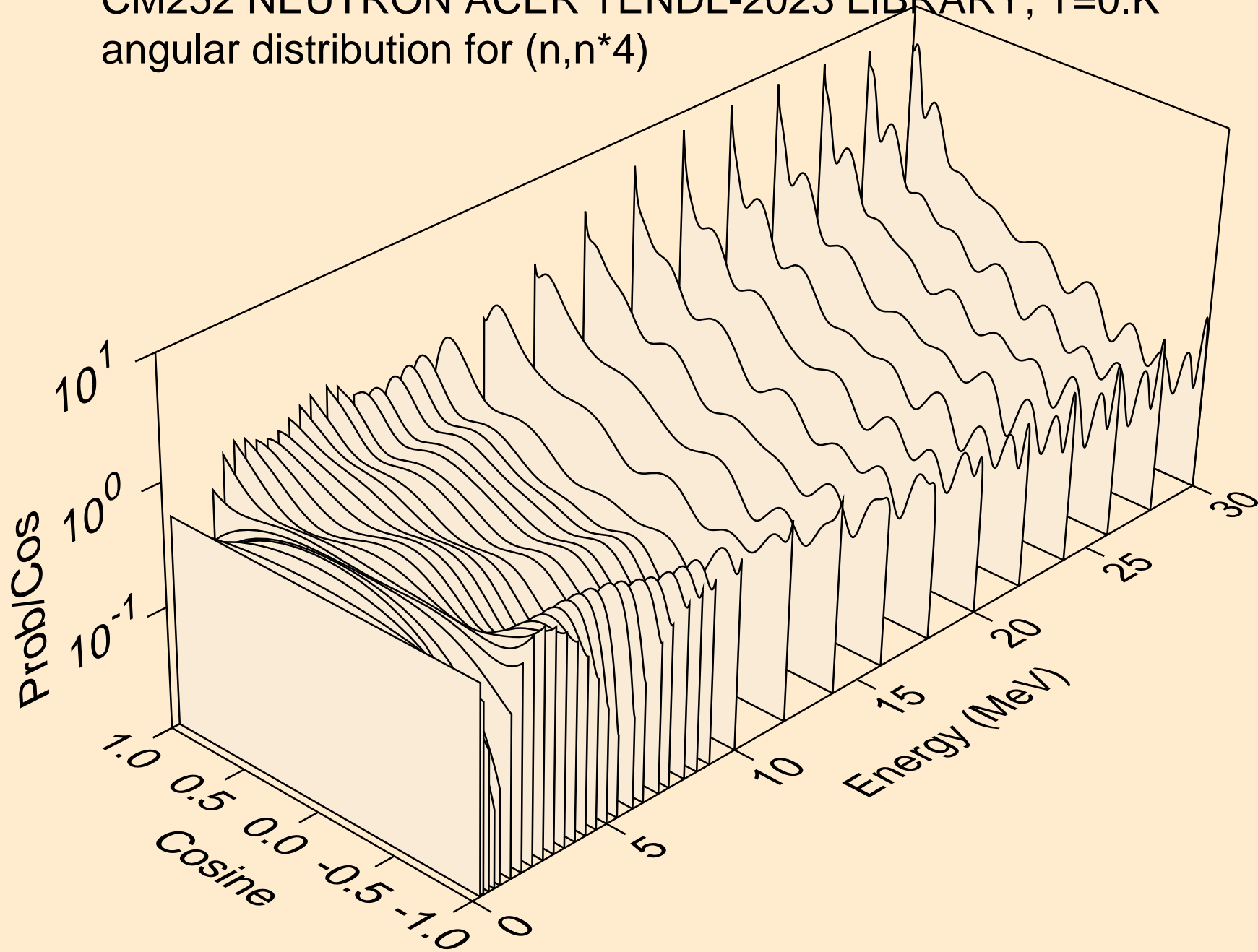


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

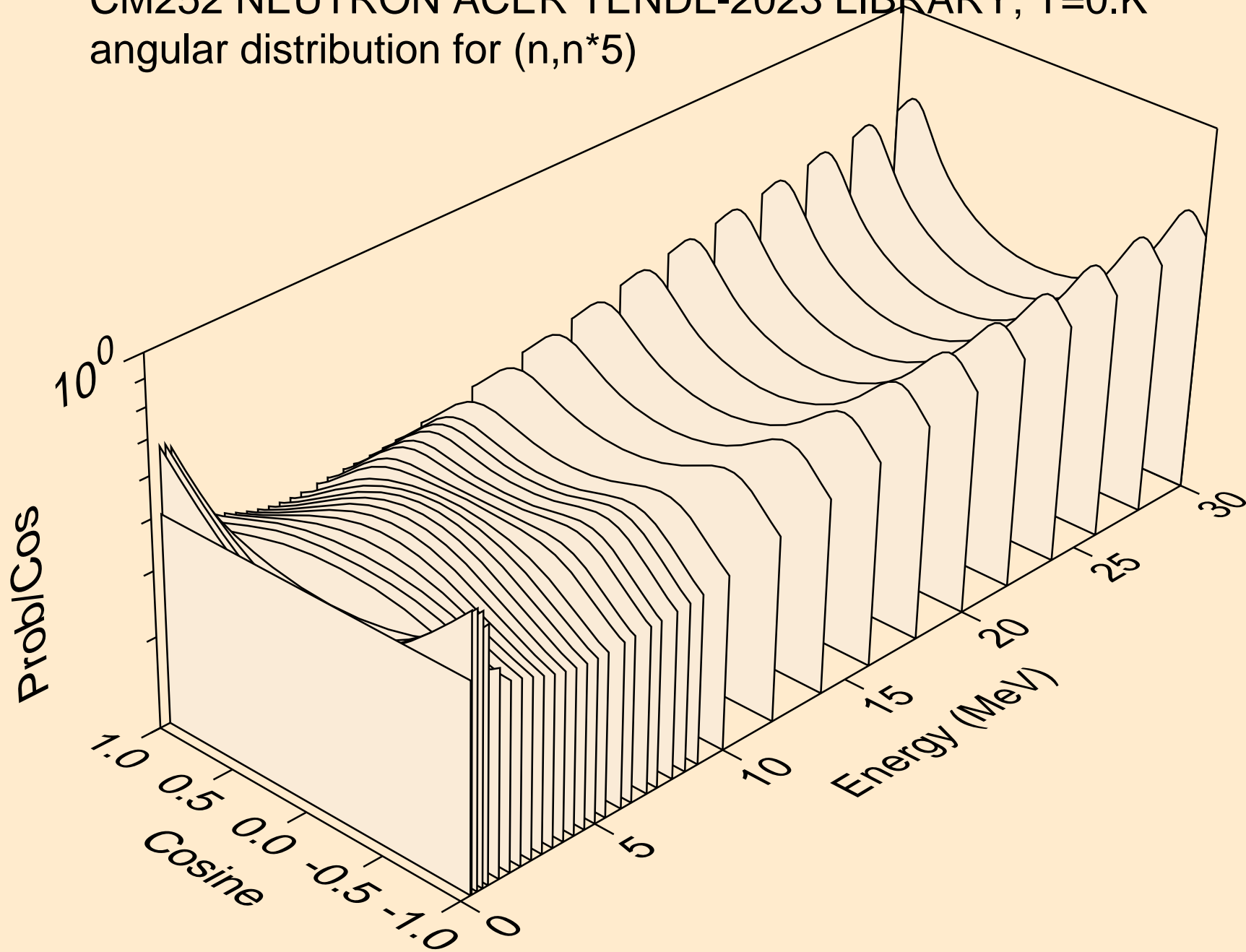




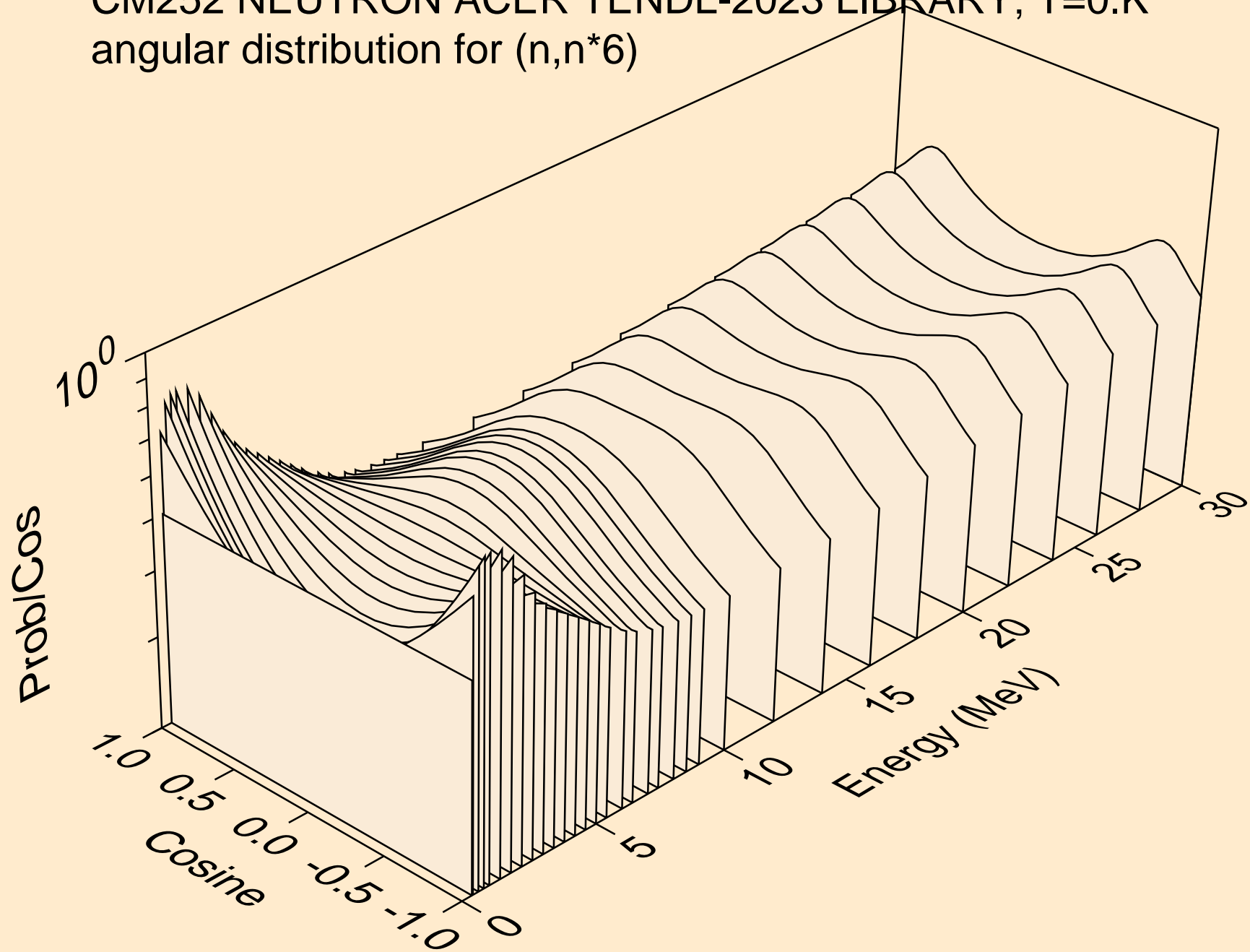
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



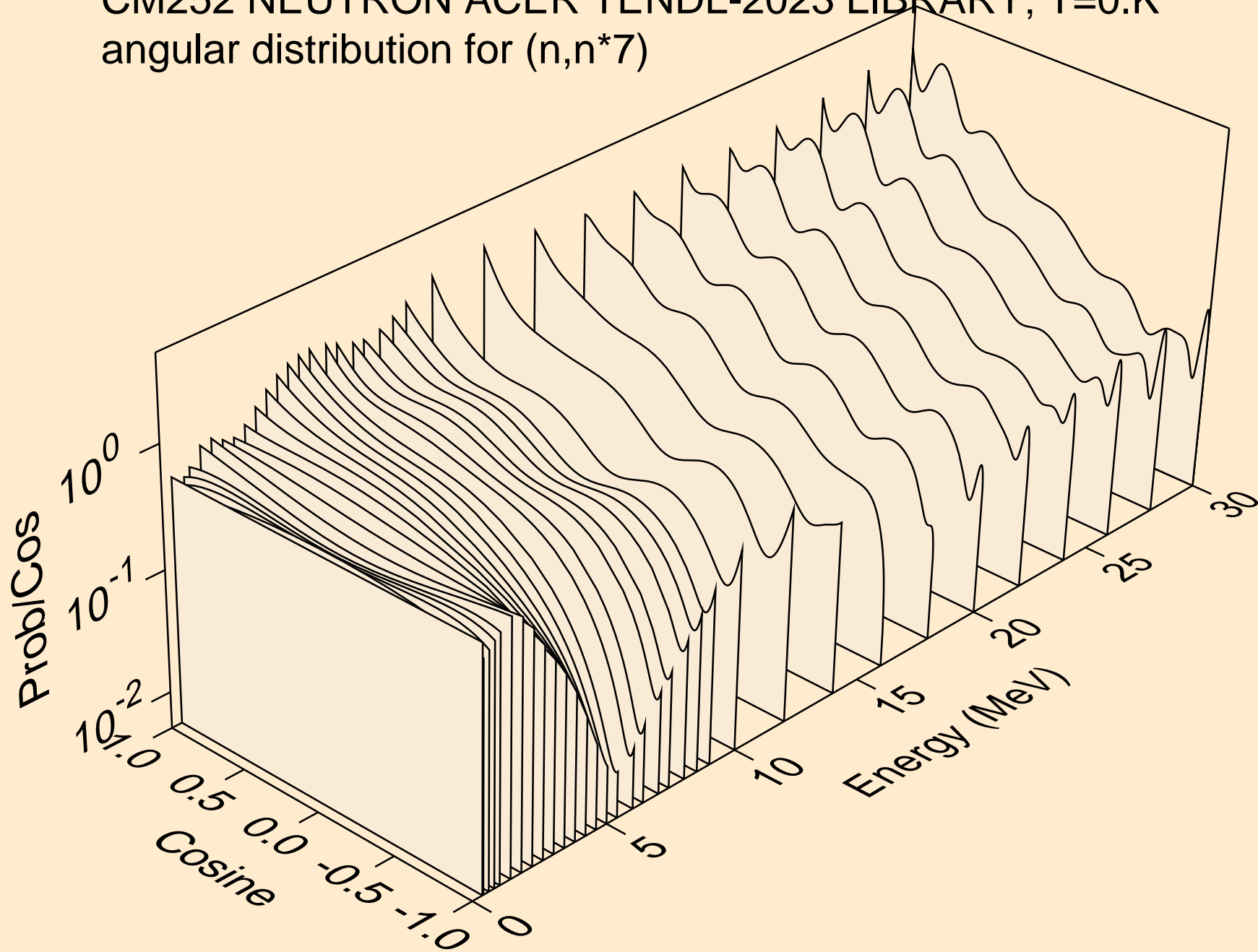
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



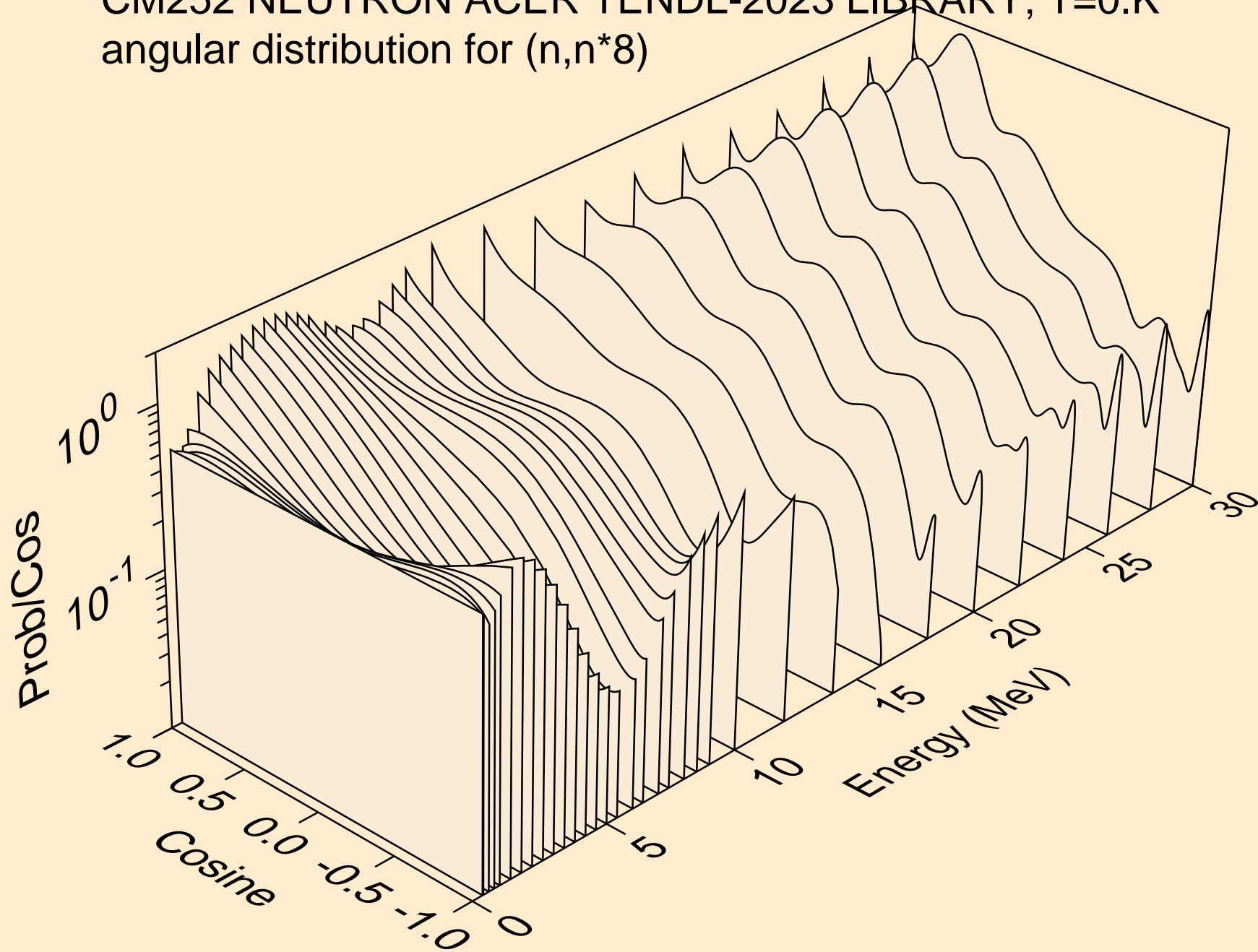
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



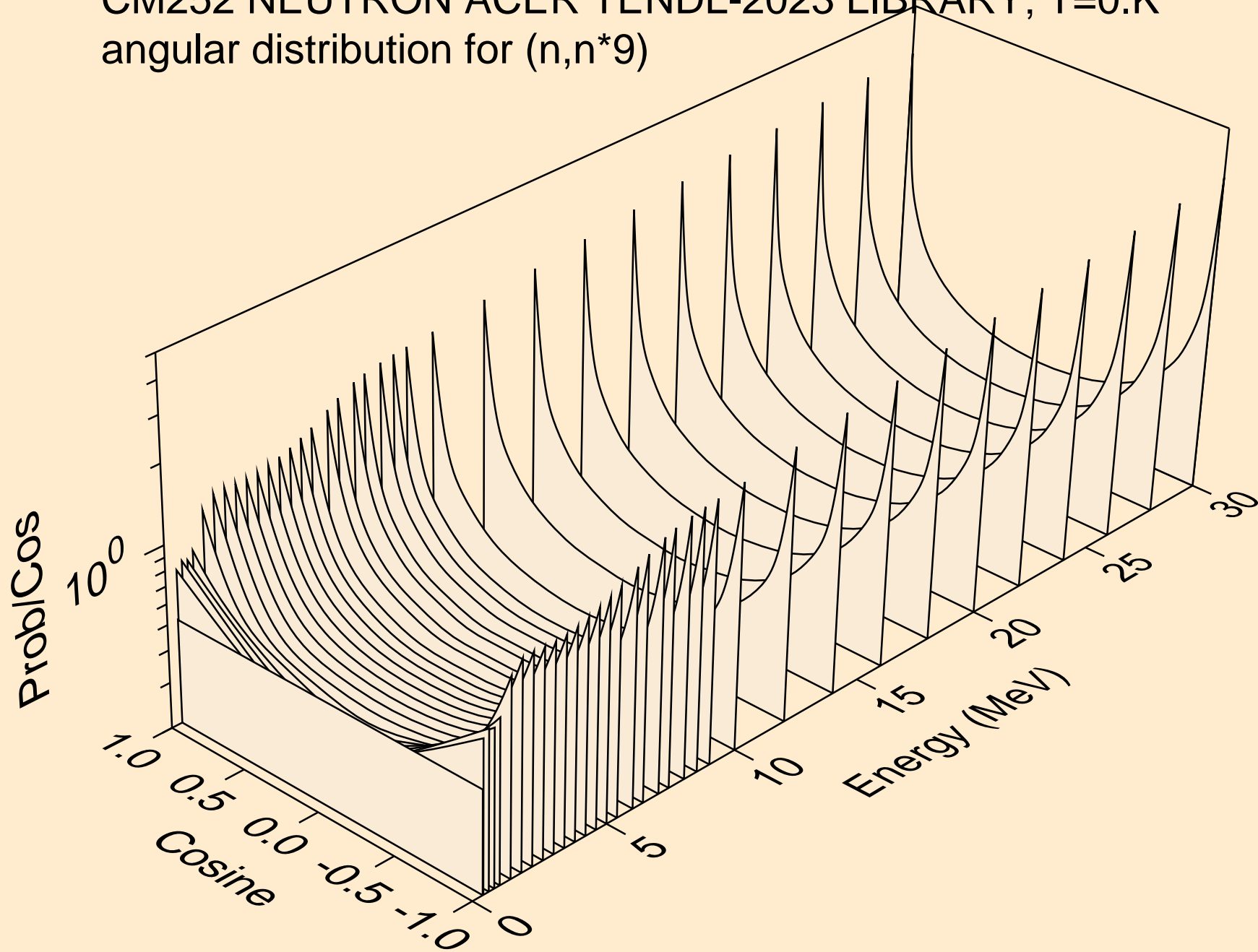
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



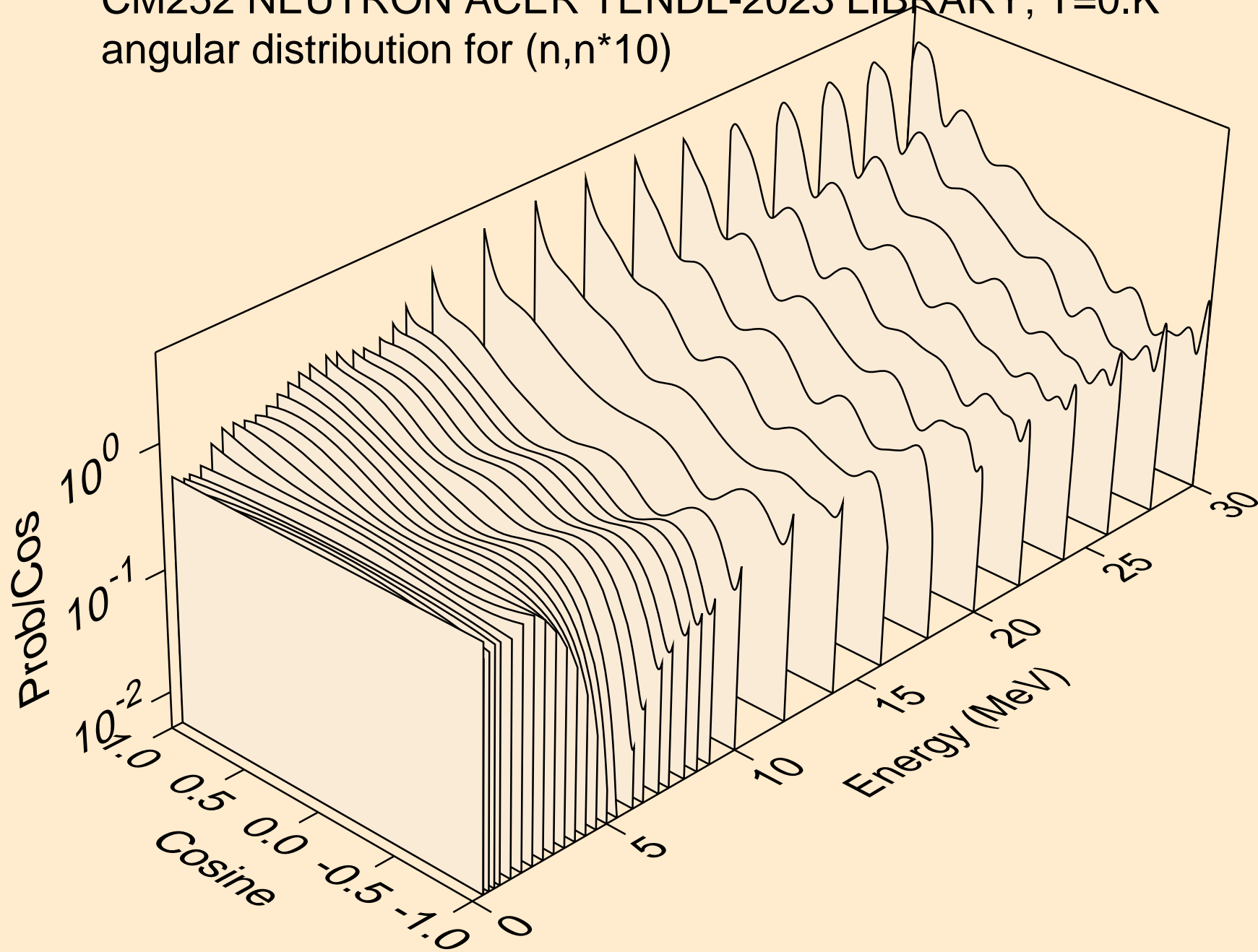
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angular distribution for (n,n\*8)



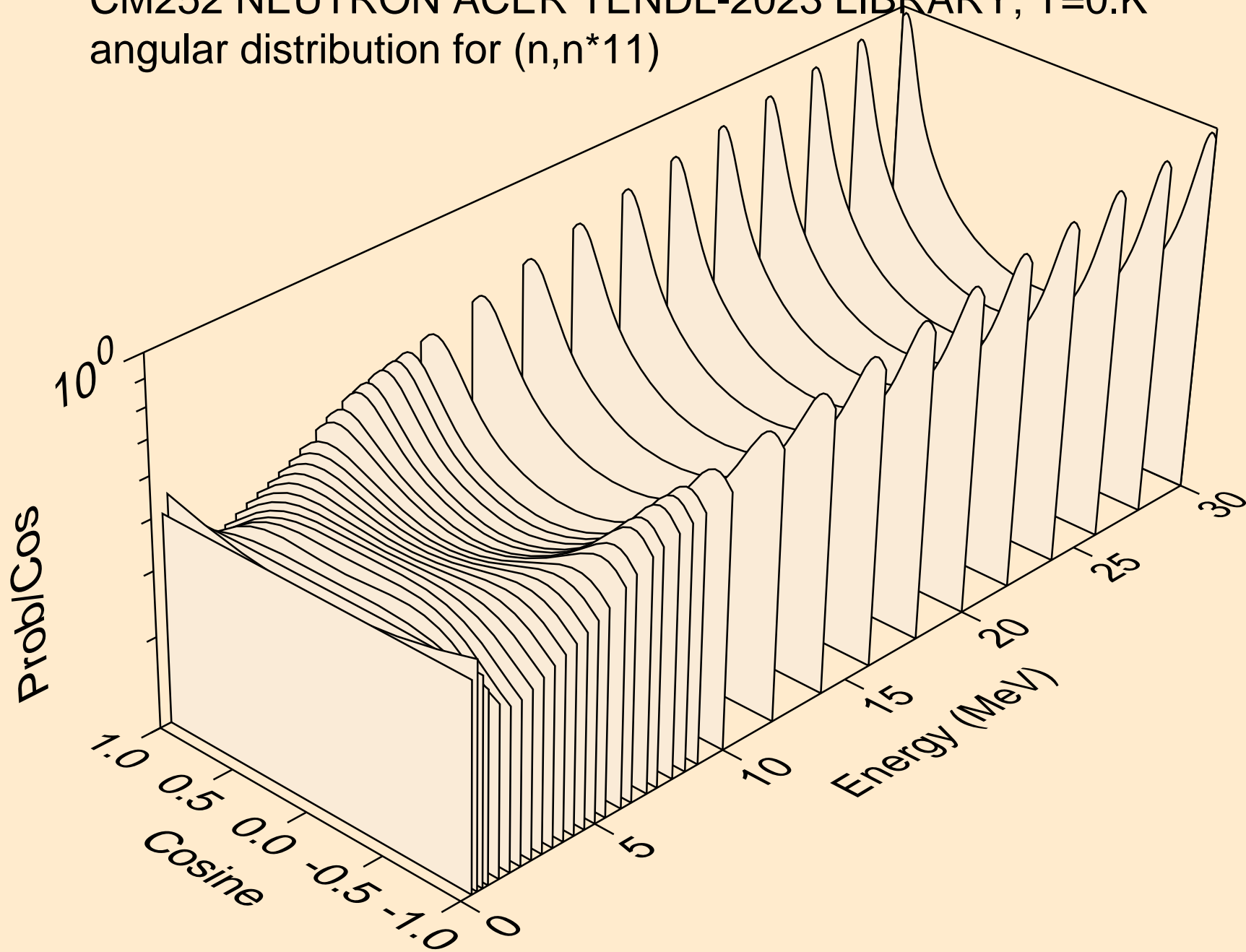
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

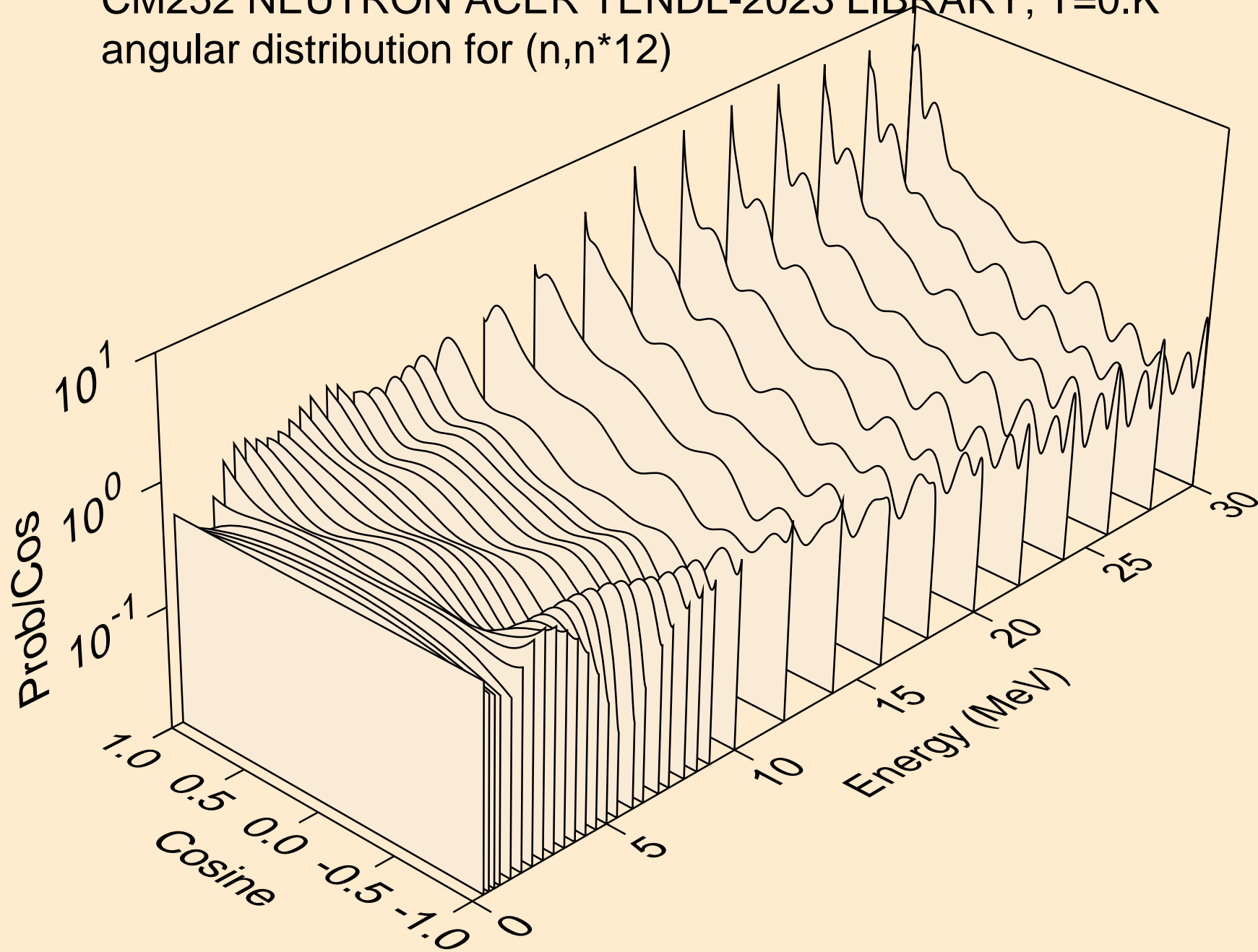


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

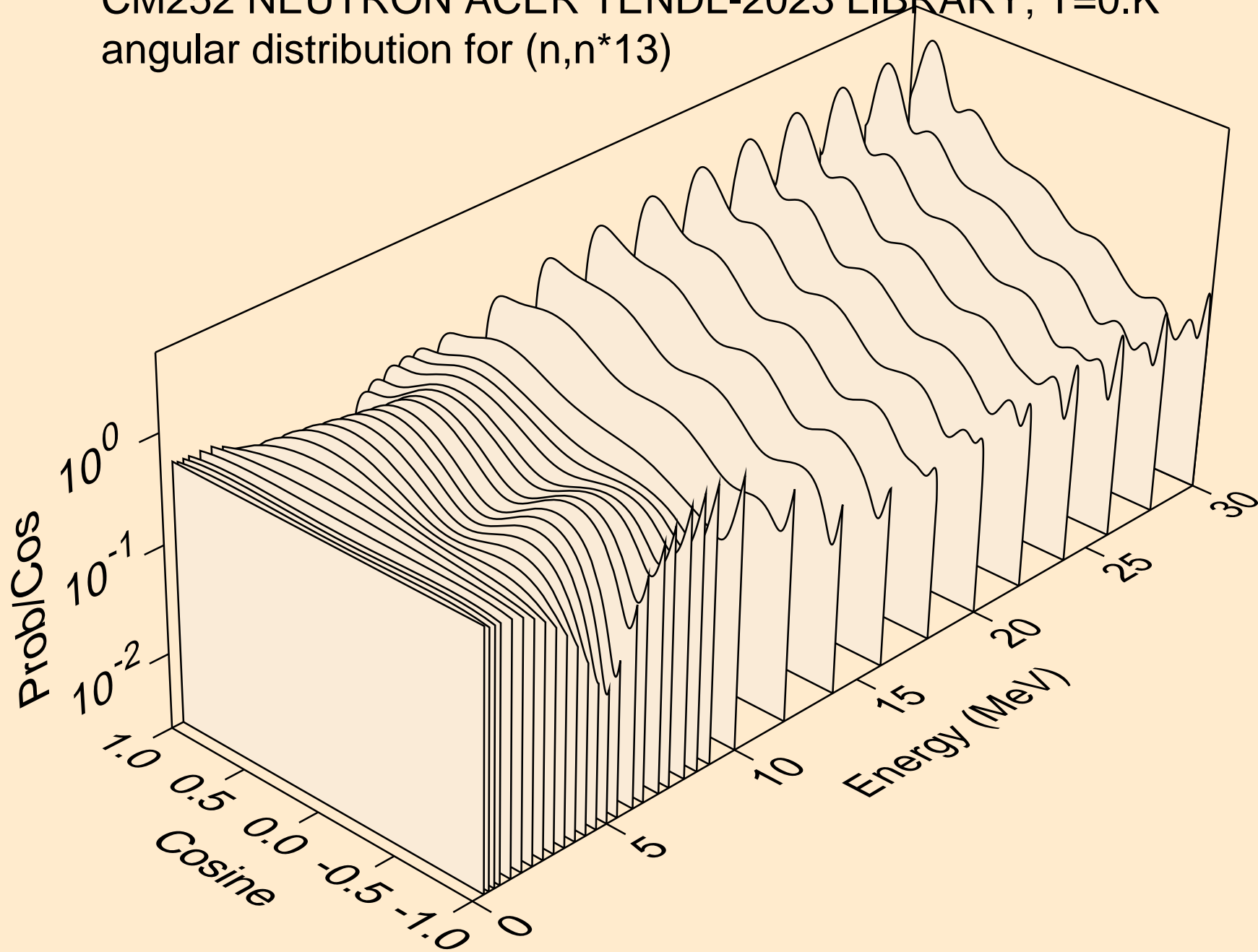




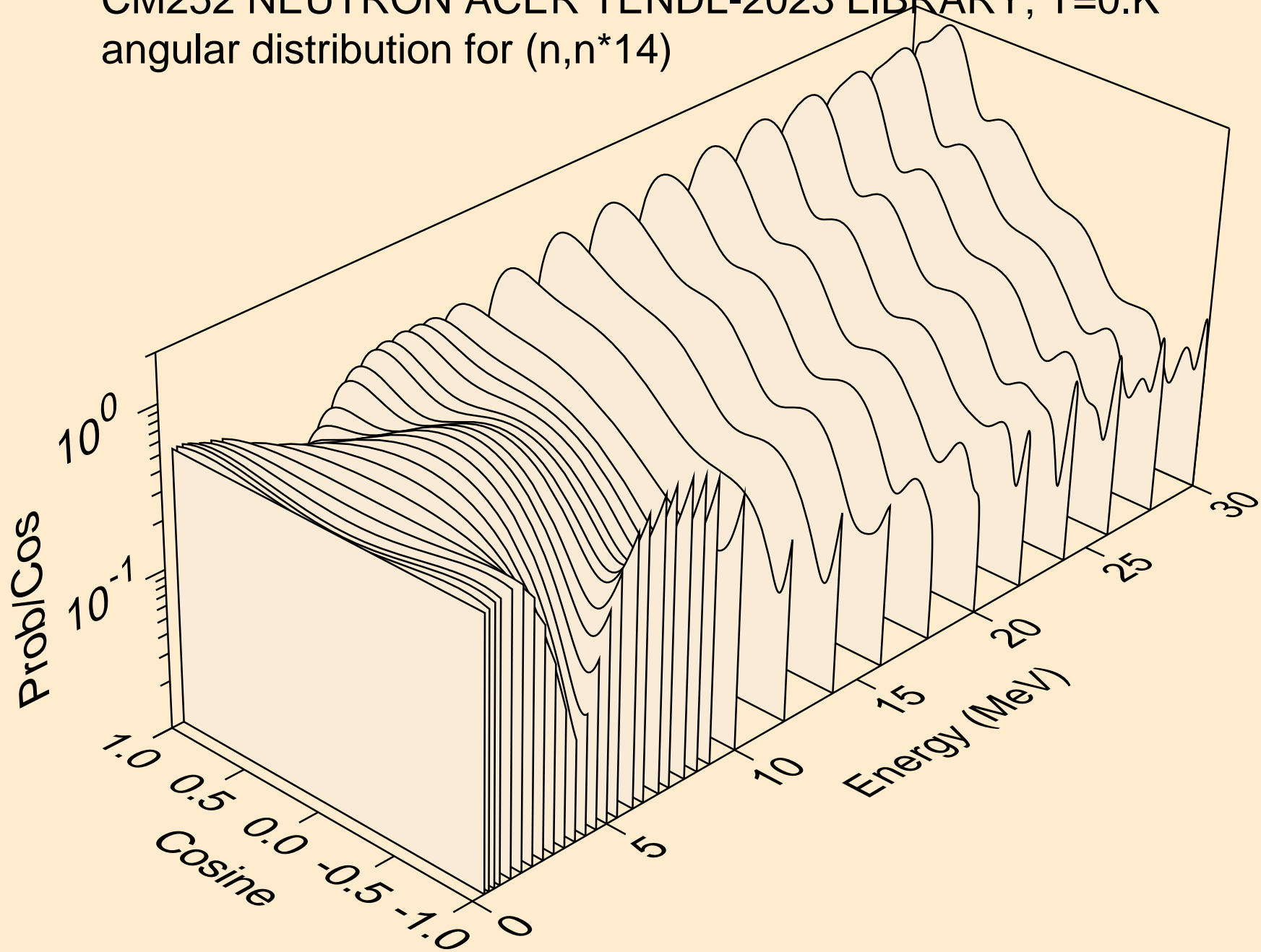
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angular distribution for (n,n\*12)



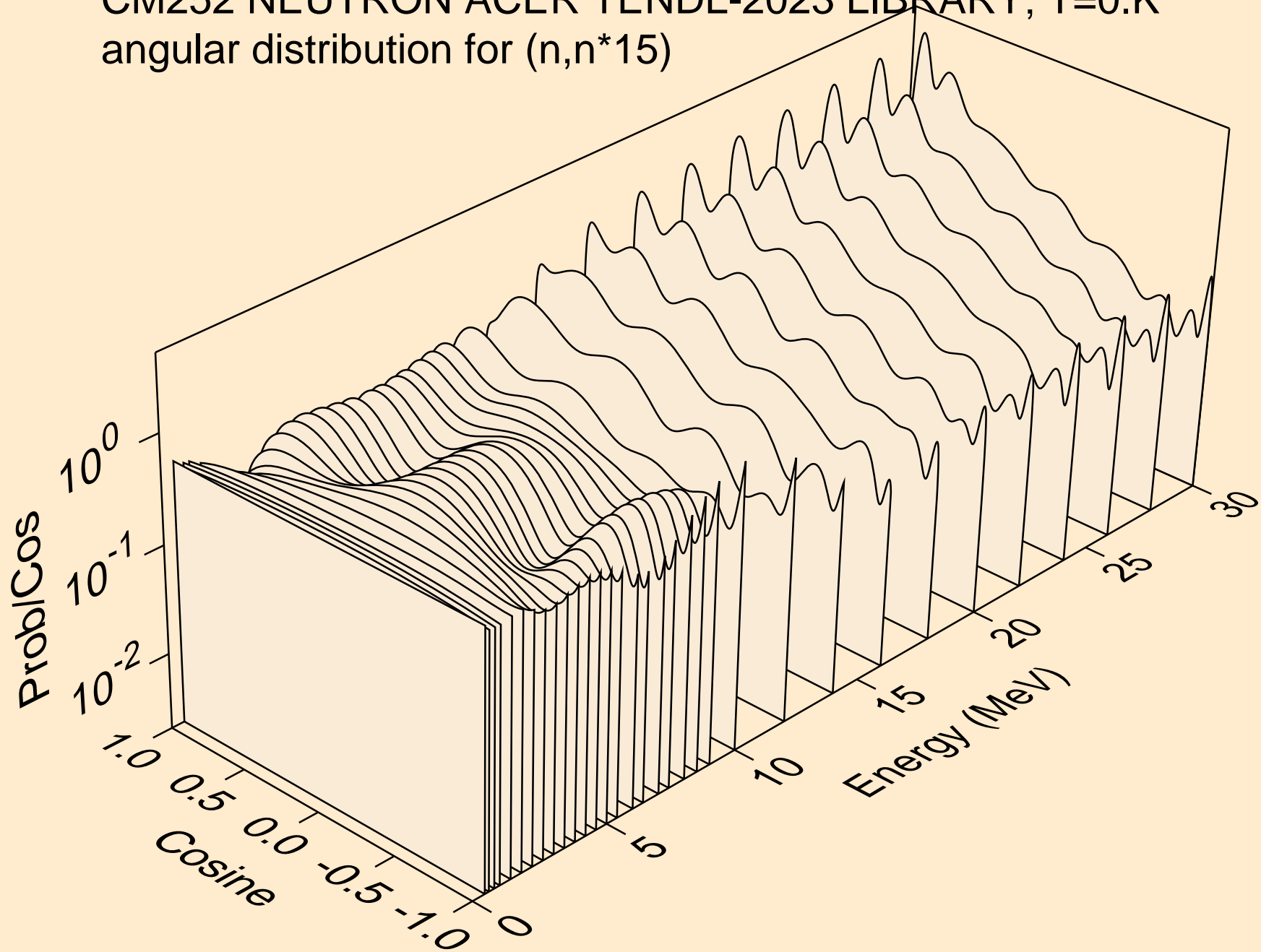
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



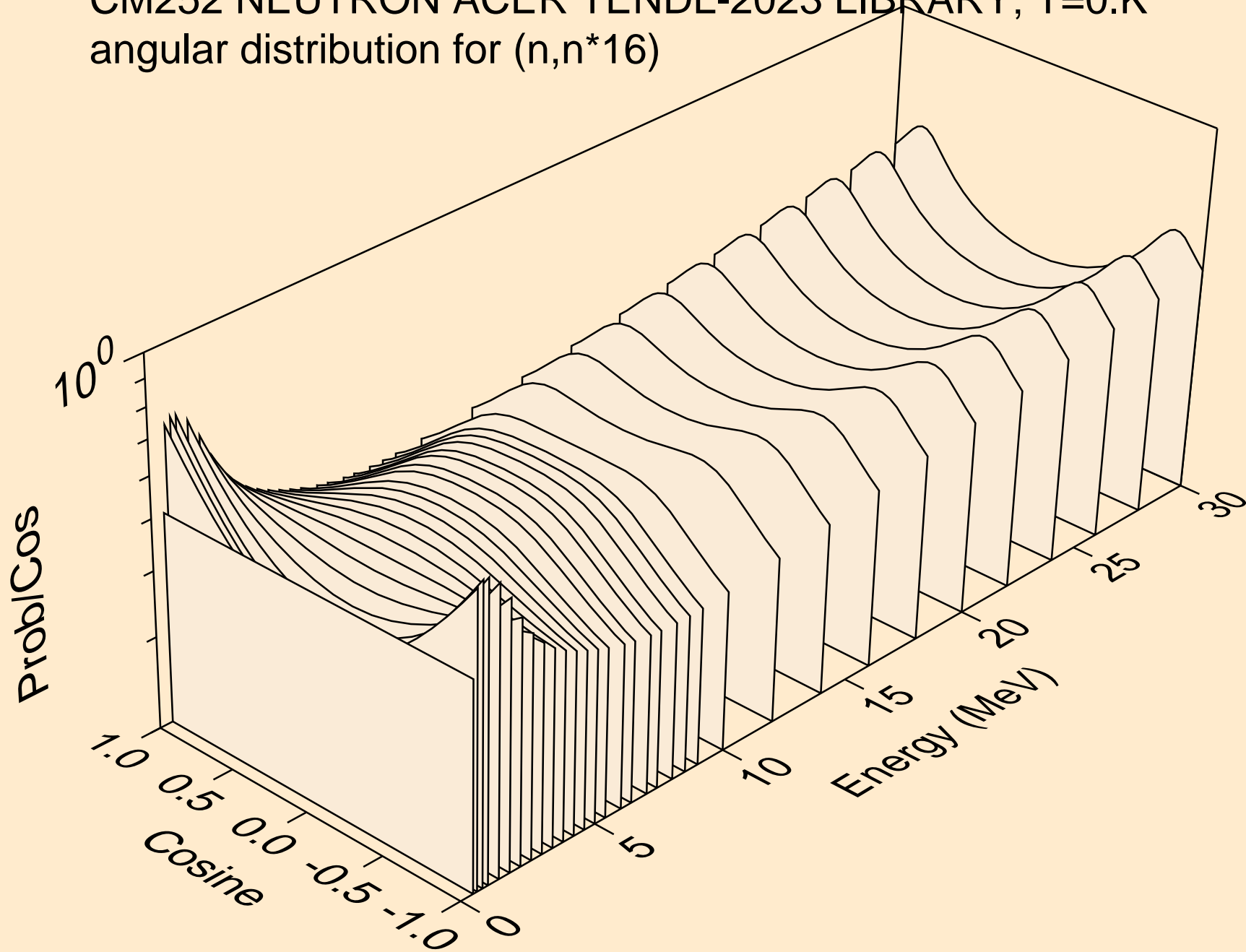
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angular distribution for (n,n\*14)



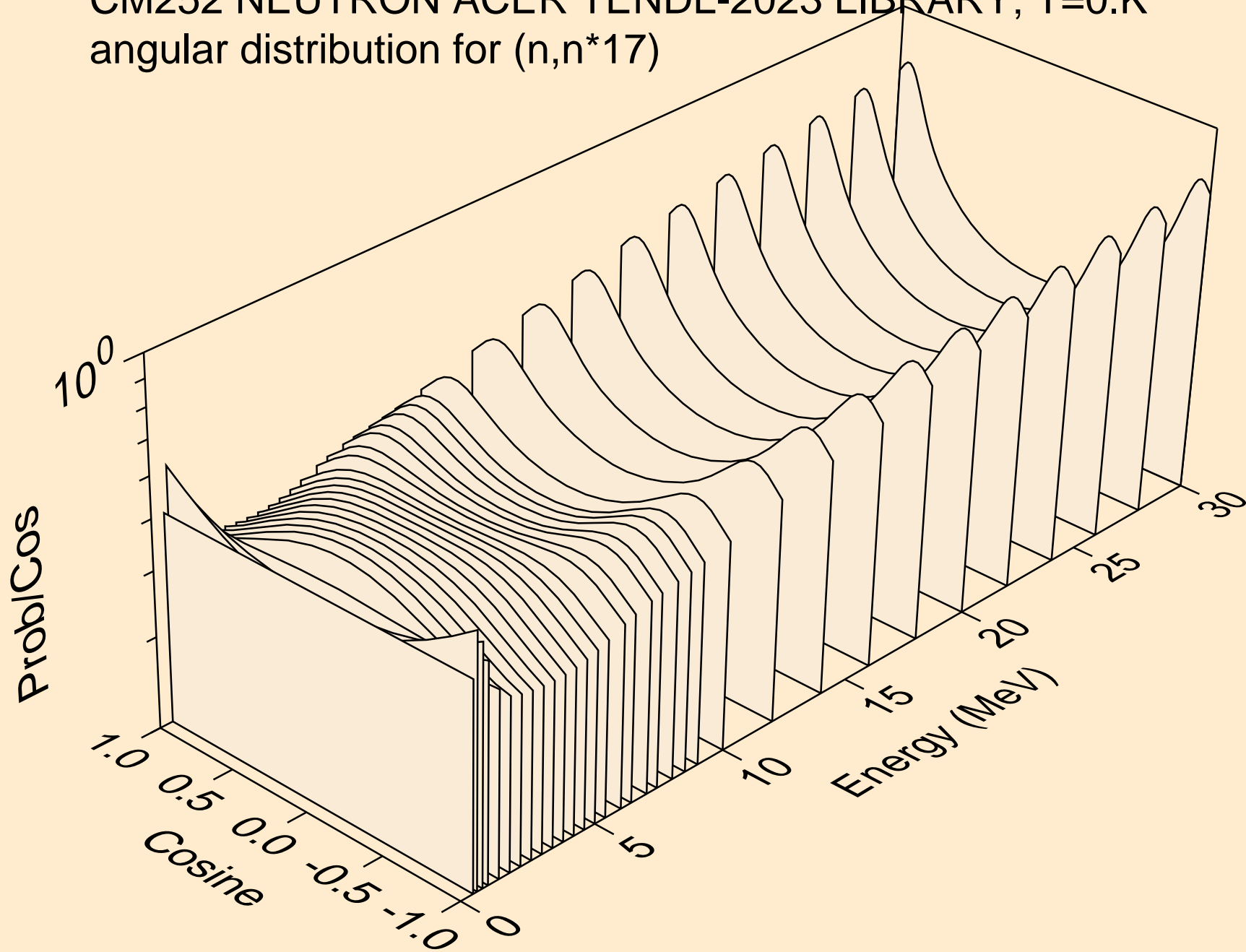
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



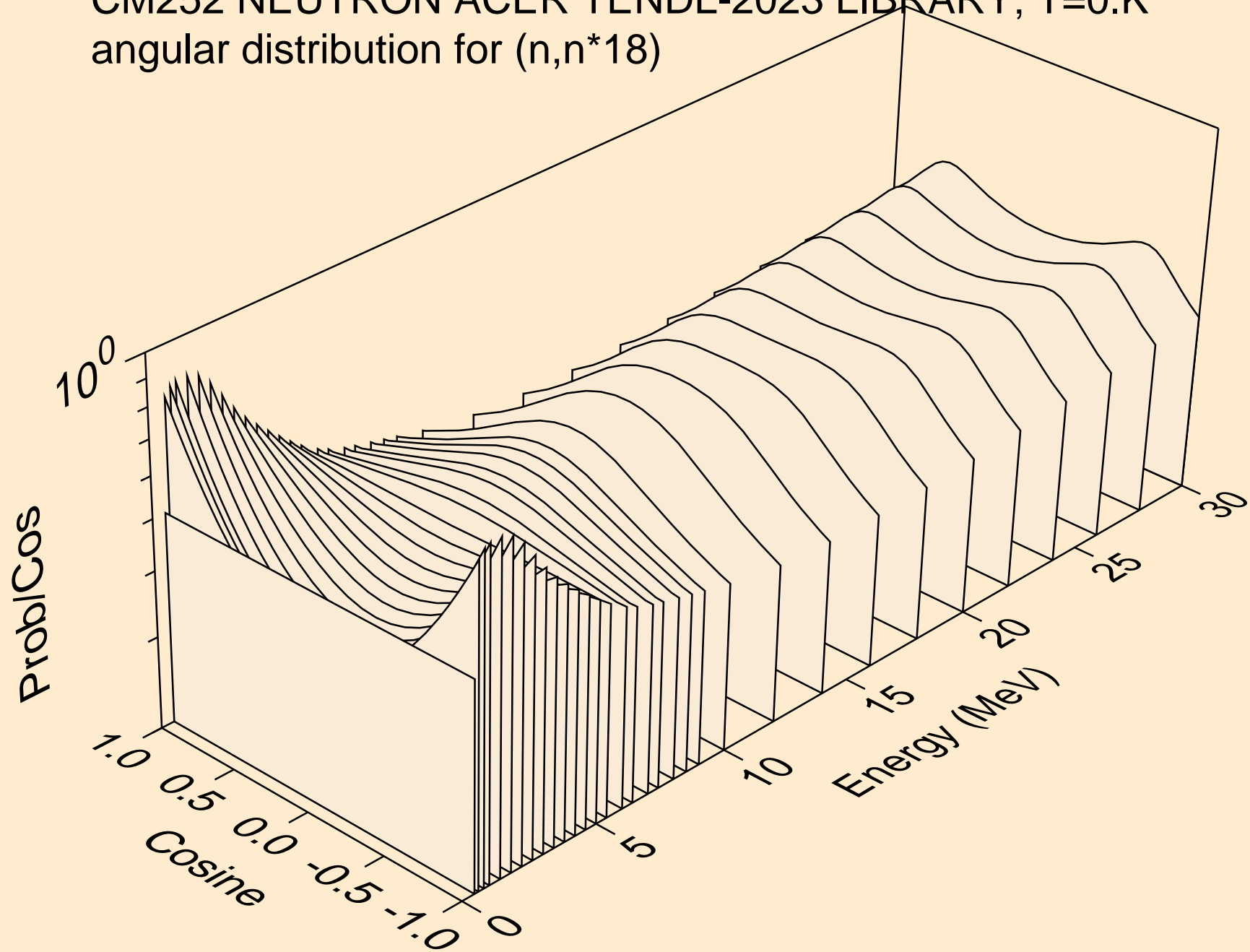
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angular distribution for (n,n\*16)



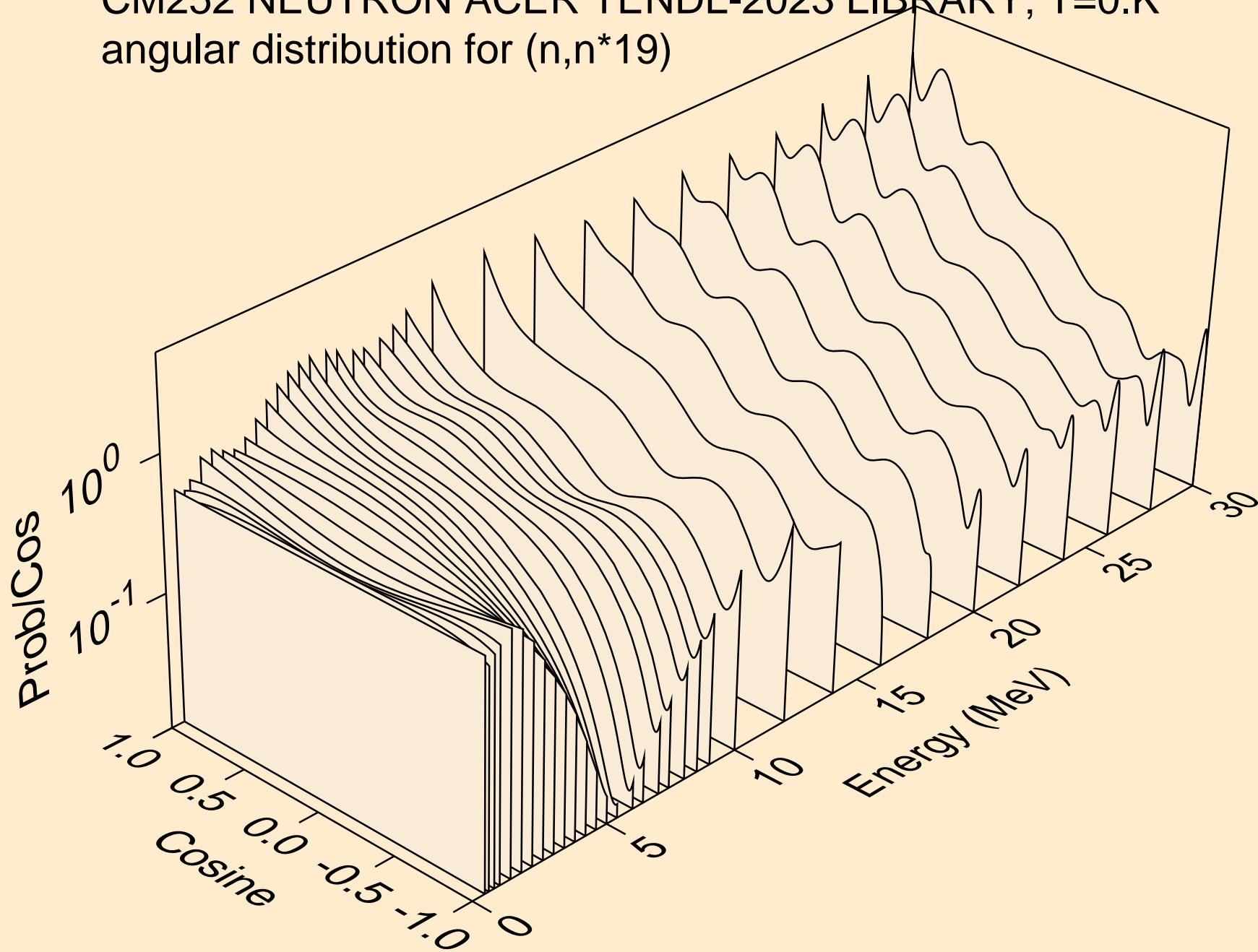
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

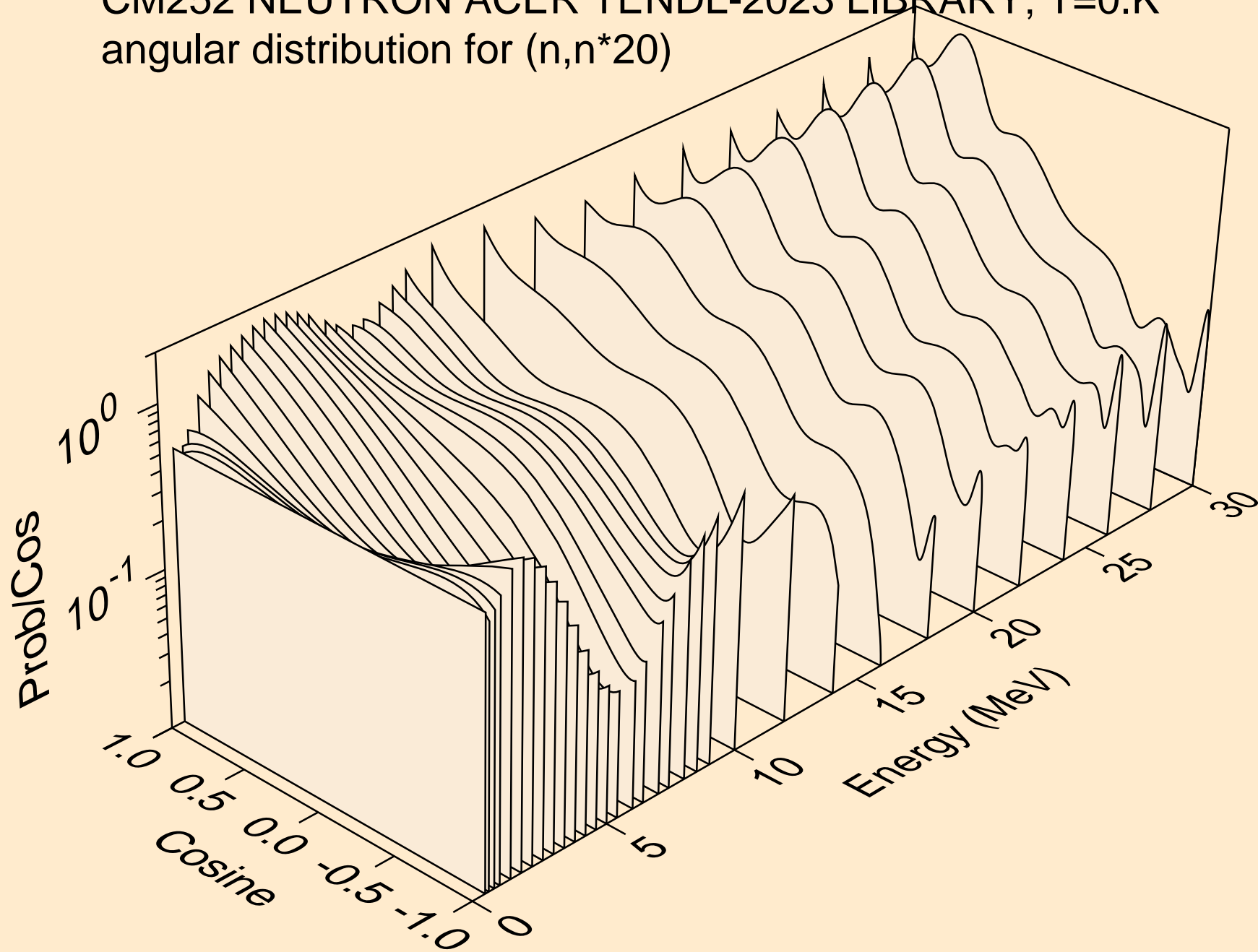


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

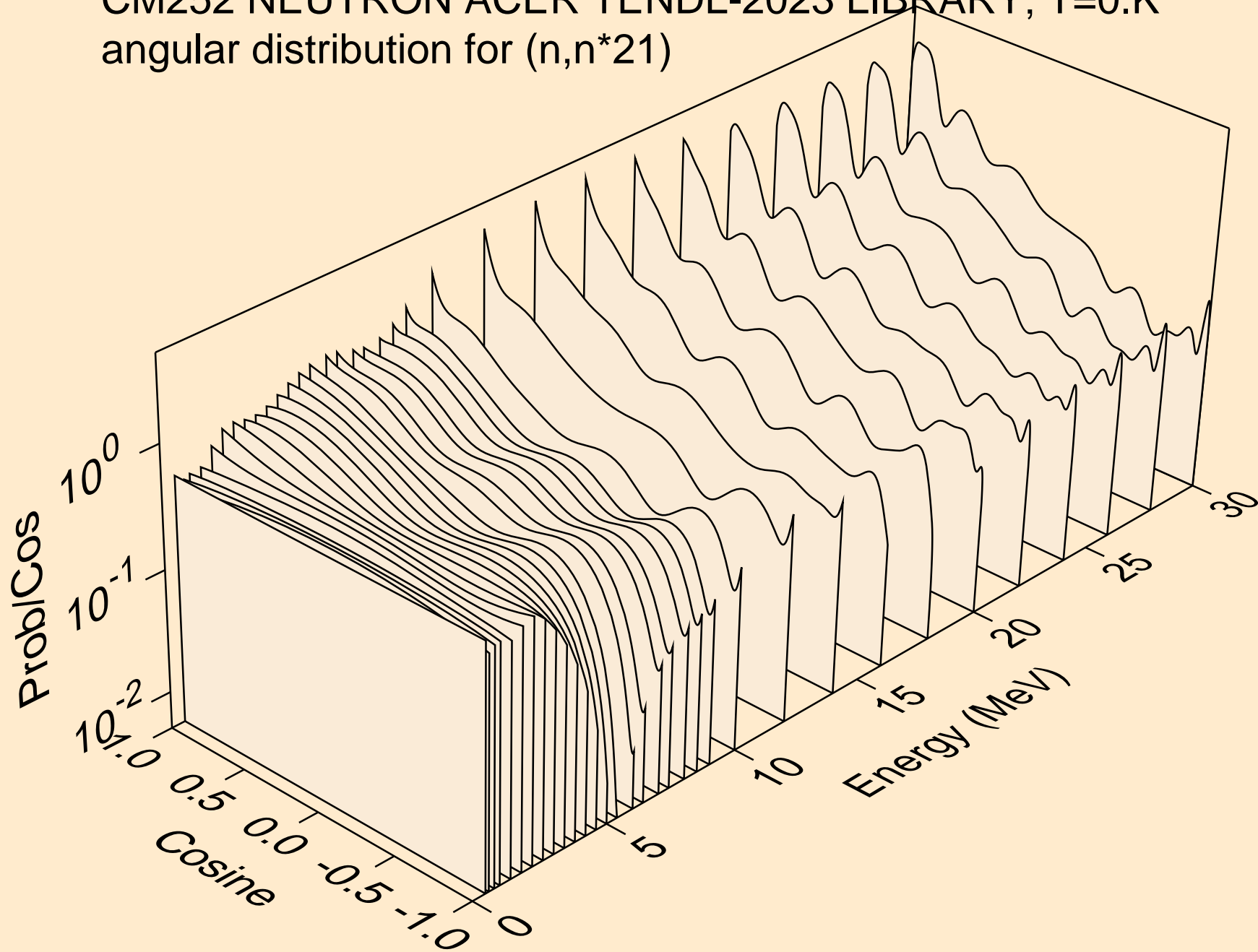




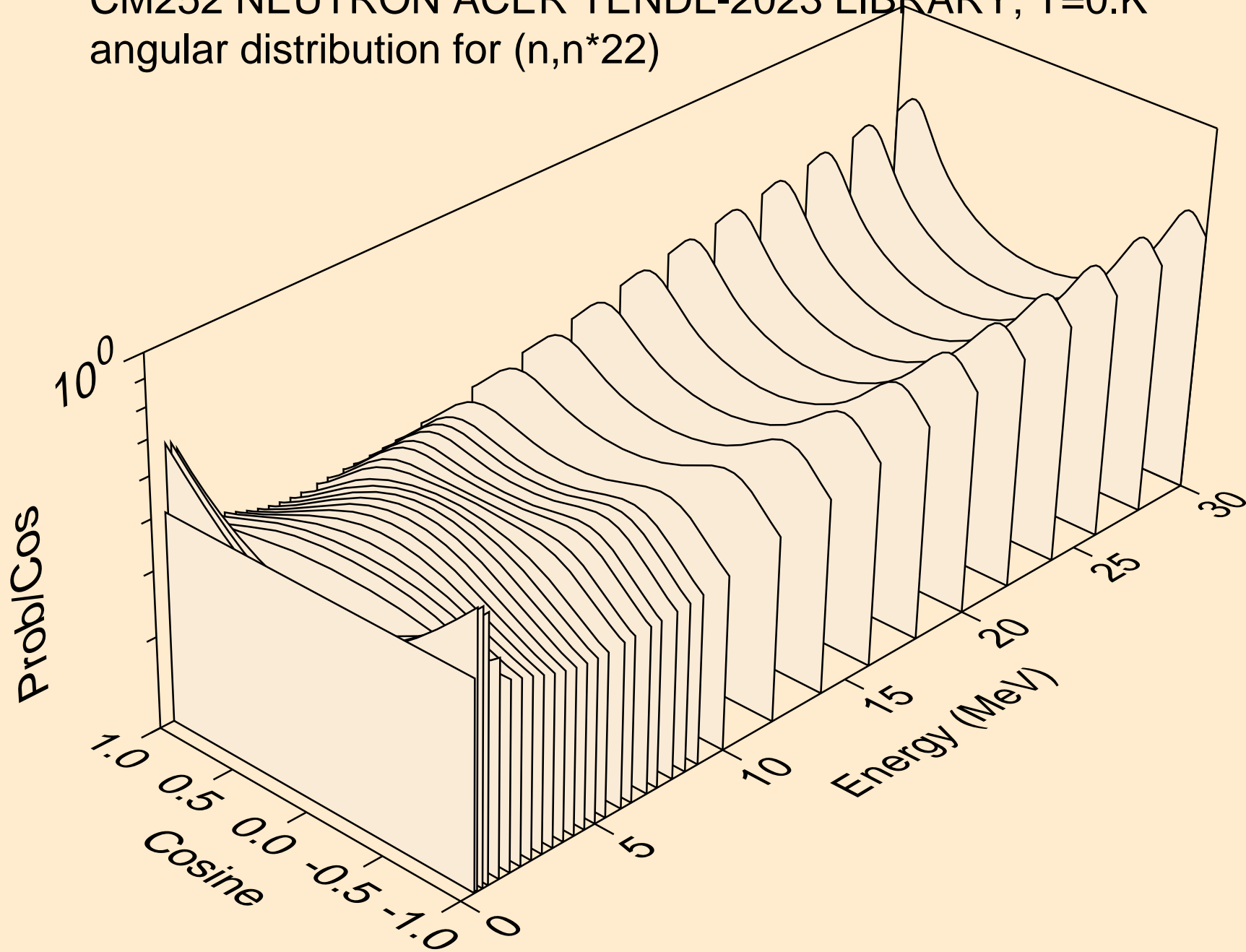
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



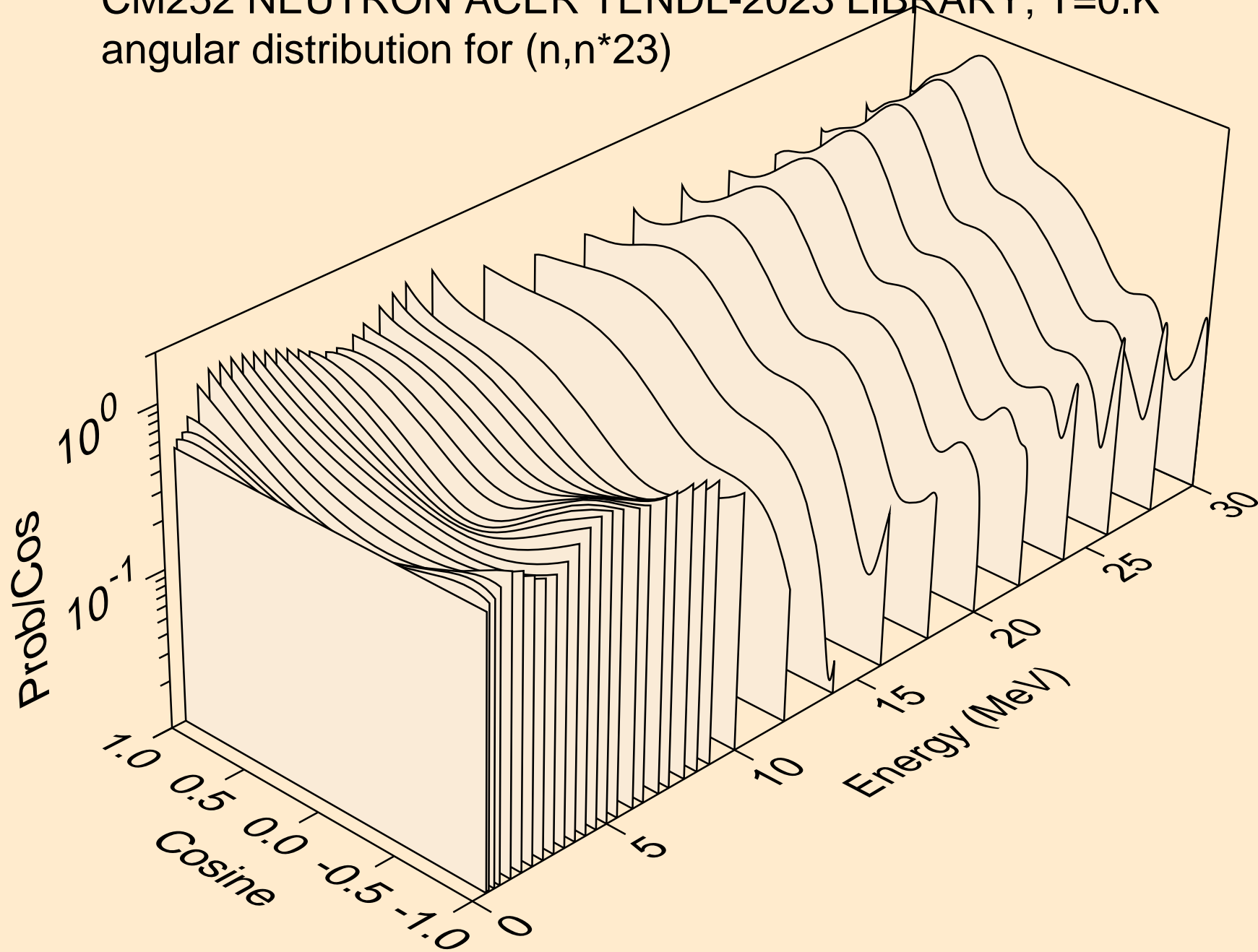
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angular distribution for (n,n\*21)



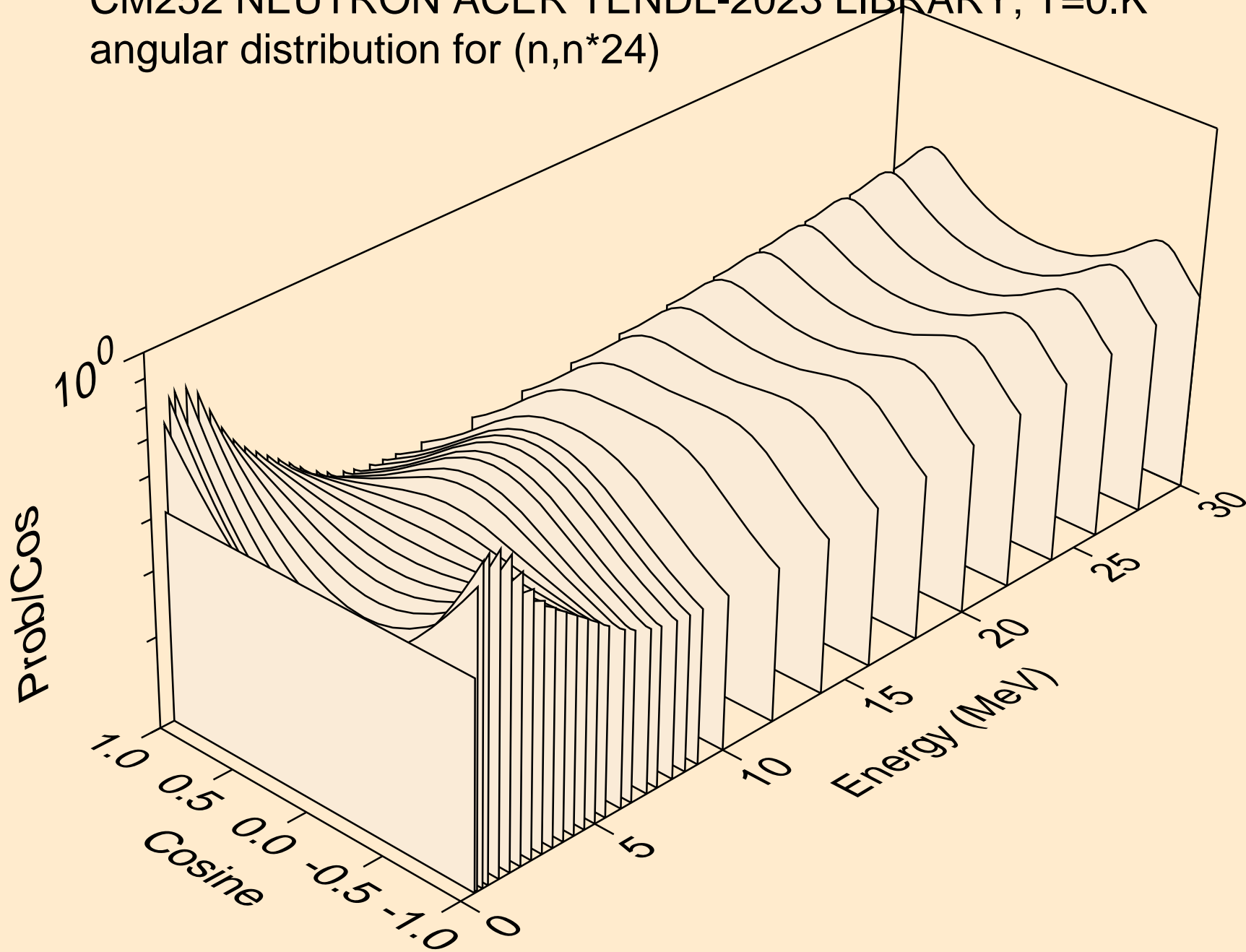
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angular distribution for (n,n\*22)



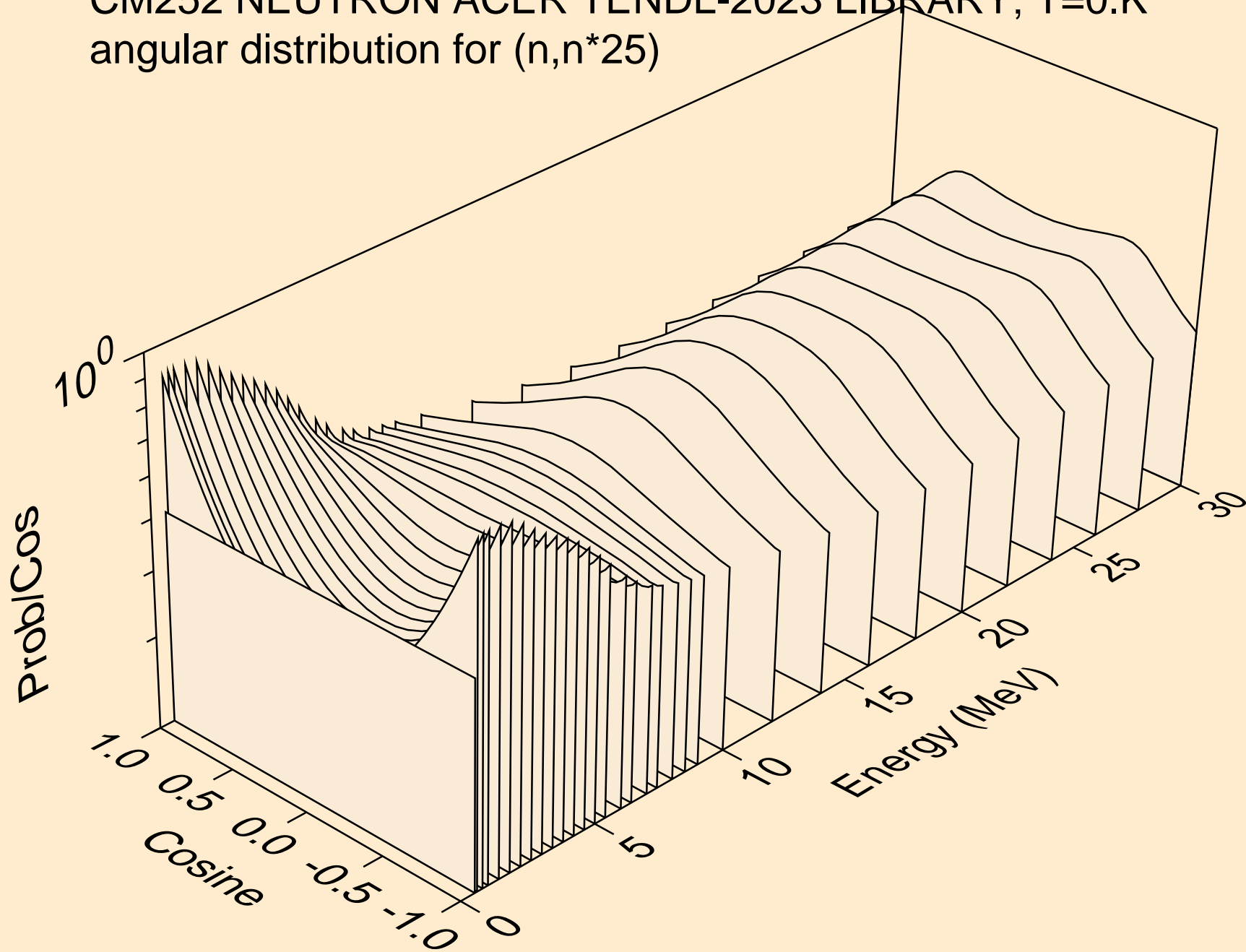
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angular distribution for (n,n\*23)



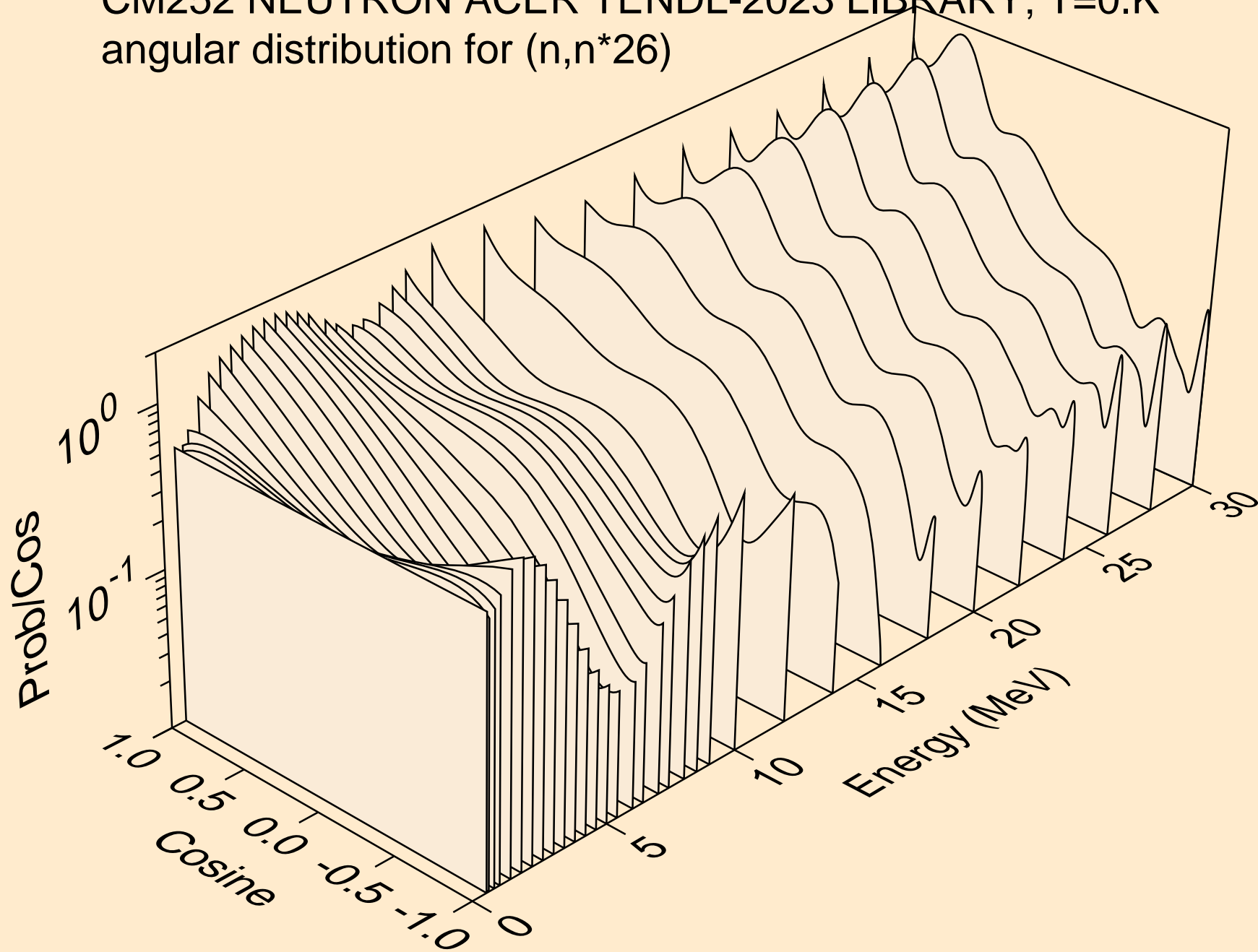
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



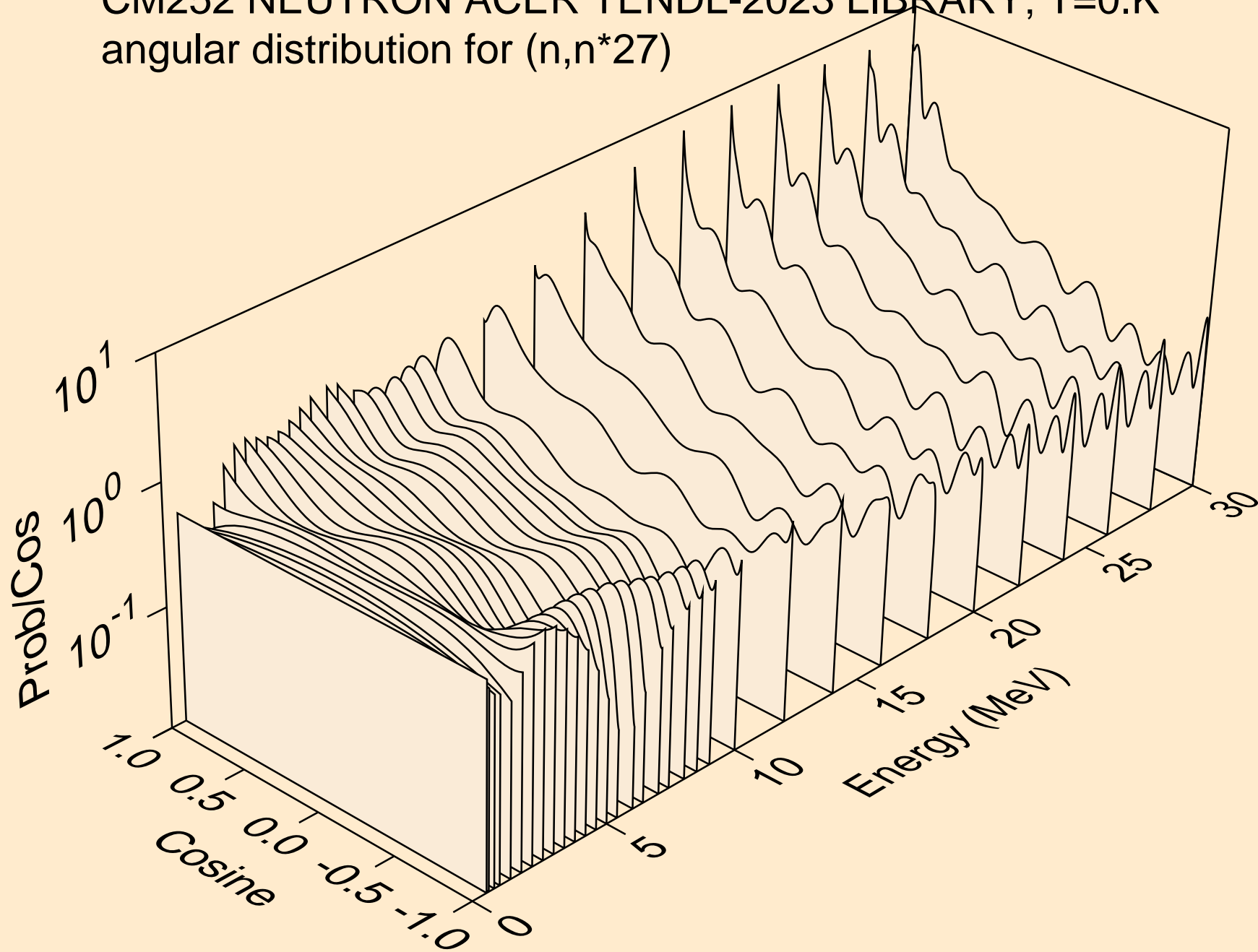
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*26)

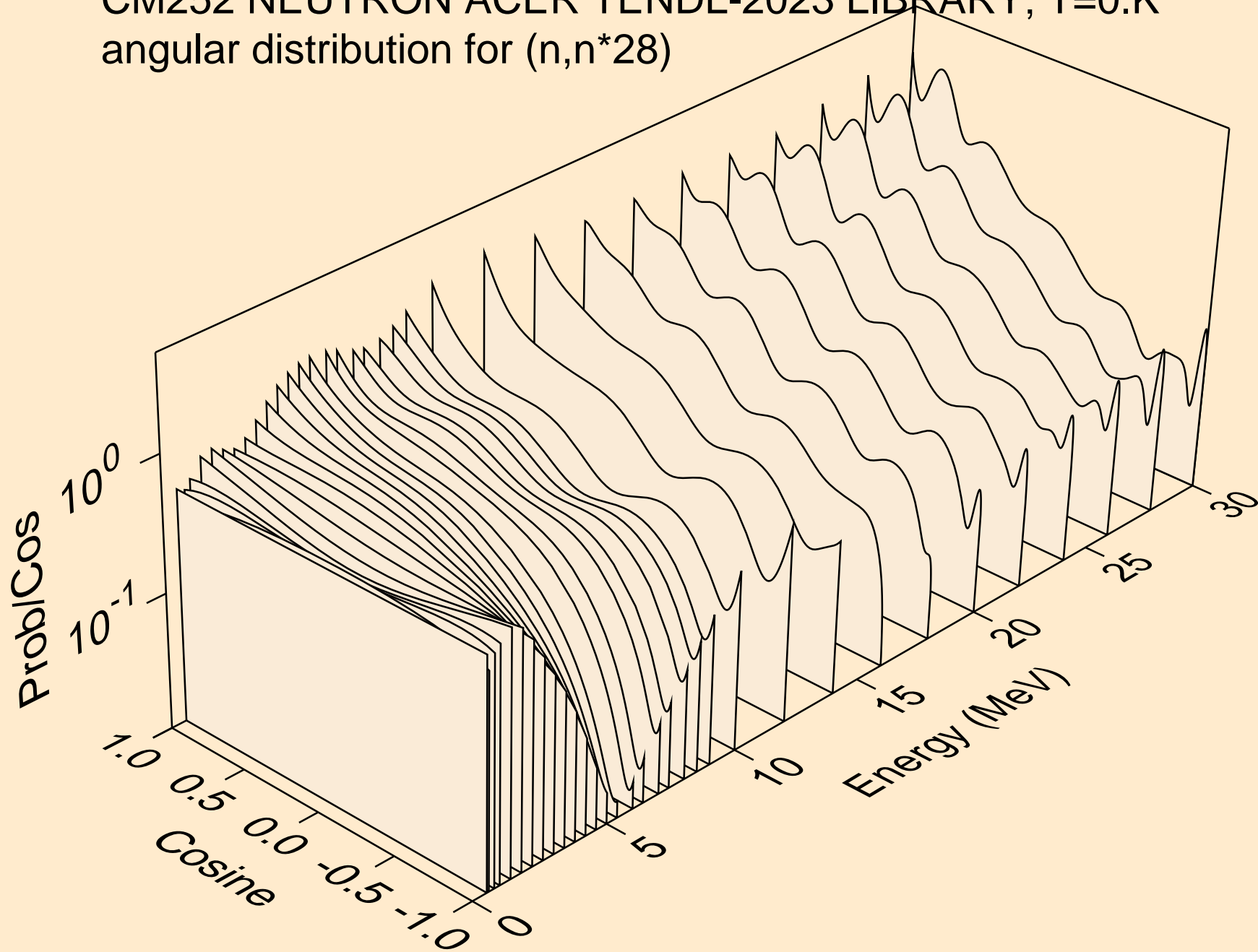


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*27)

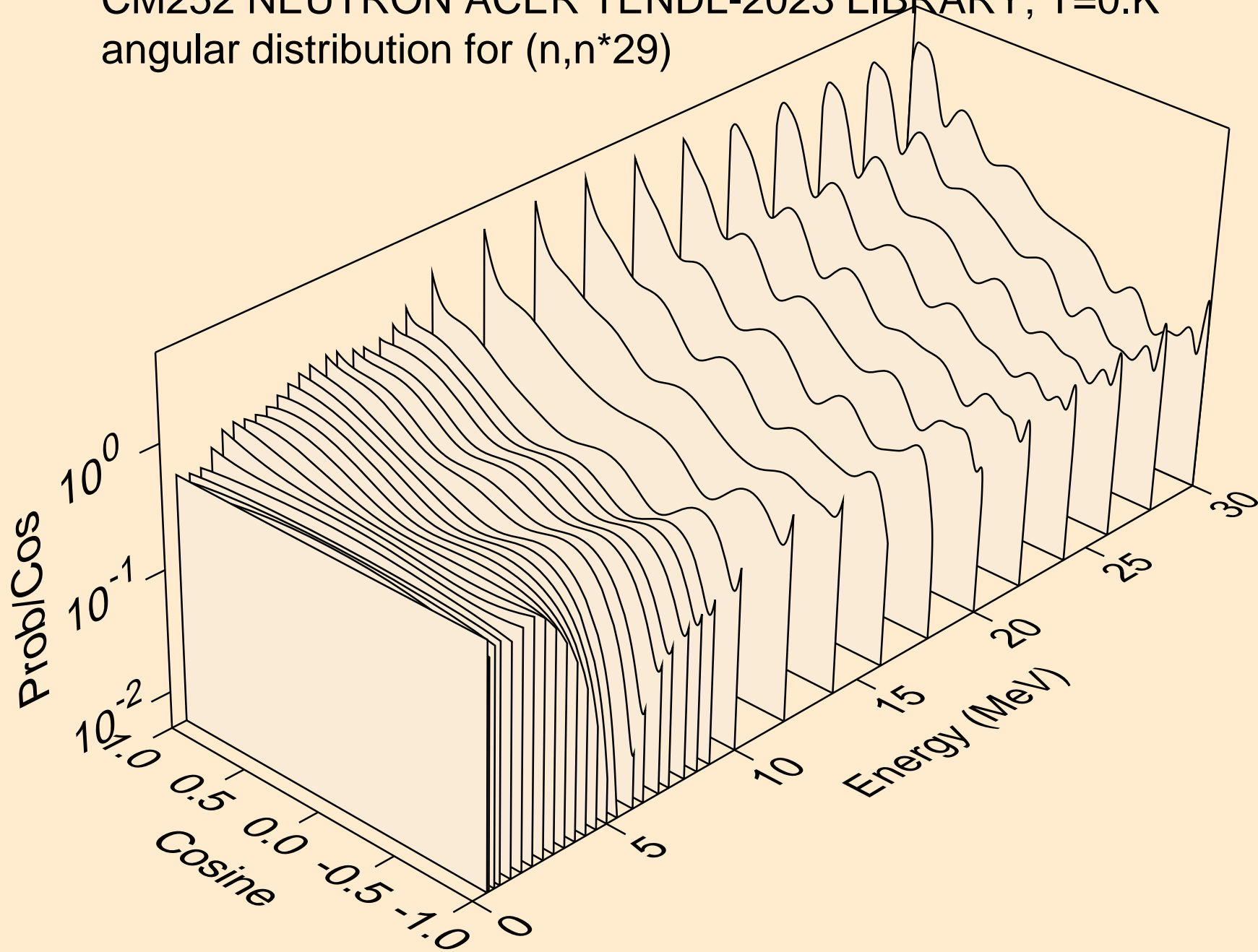




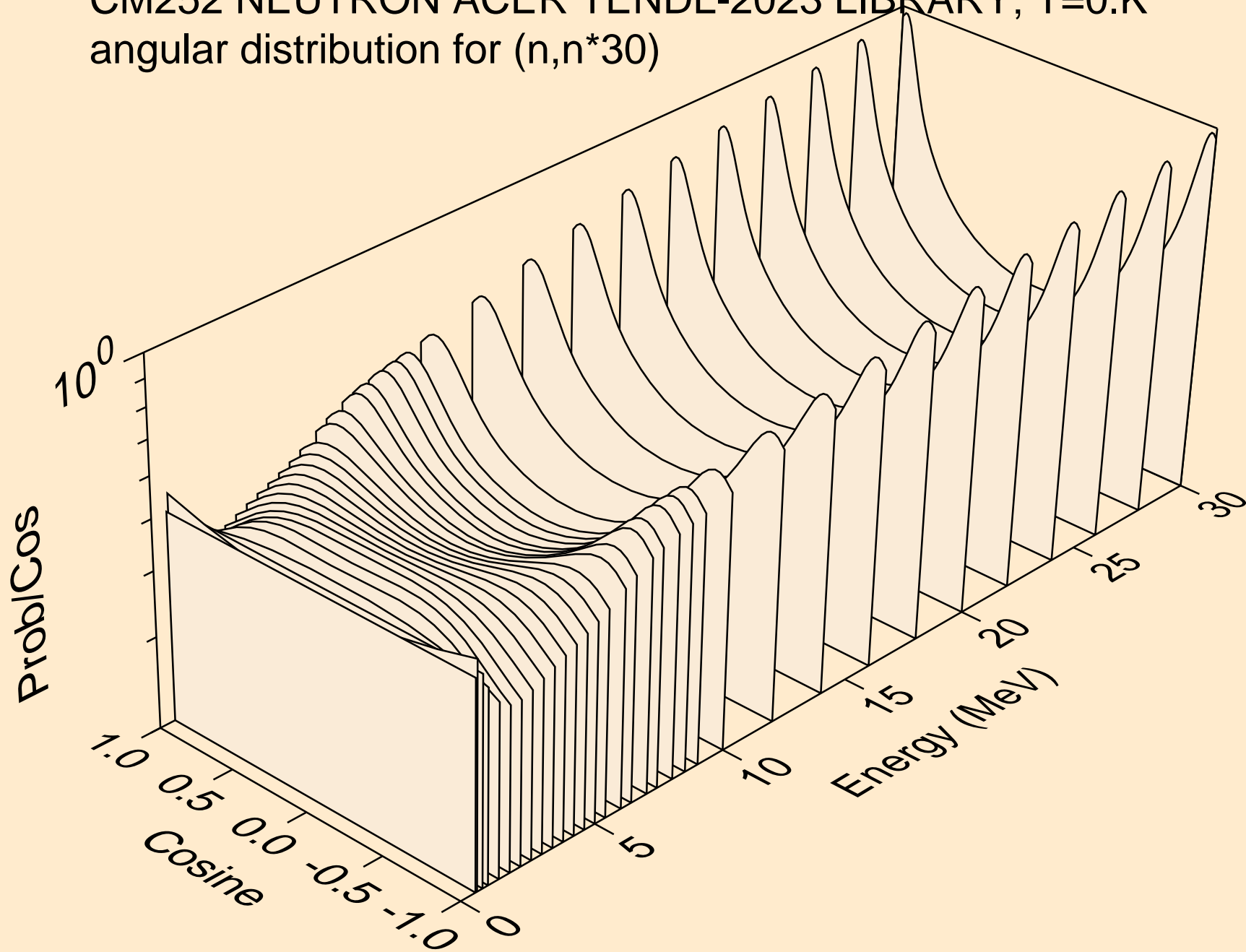
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*28)



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*29)

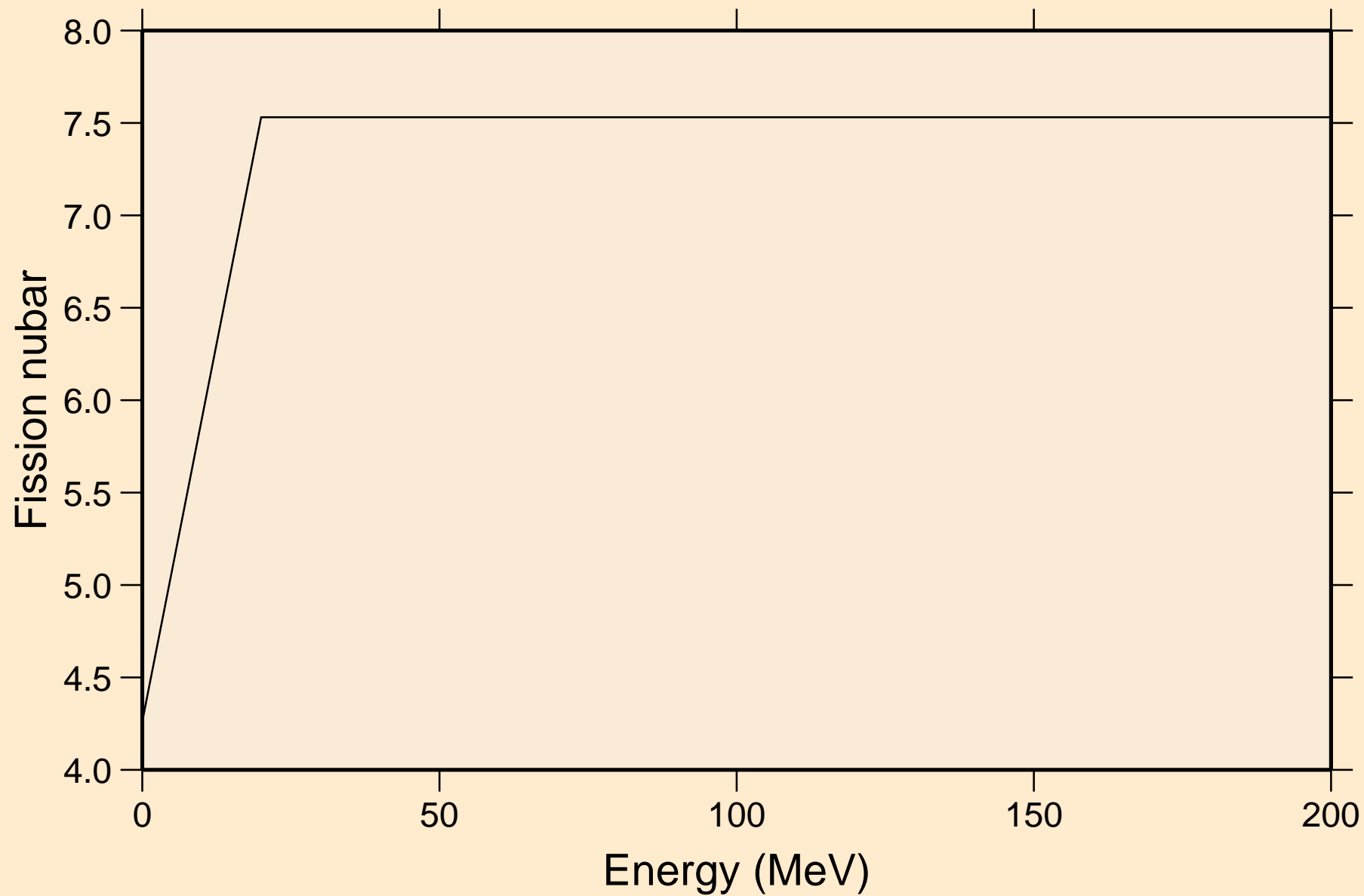


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for (n,n\*30)

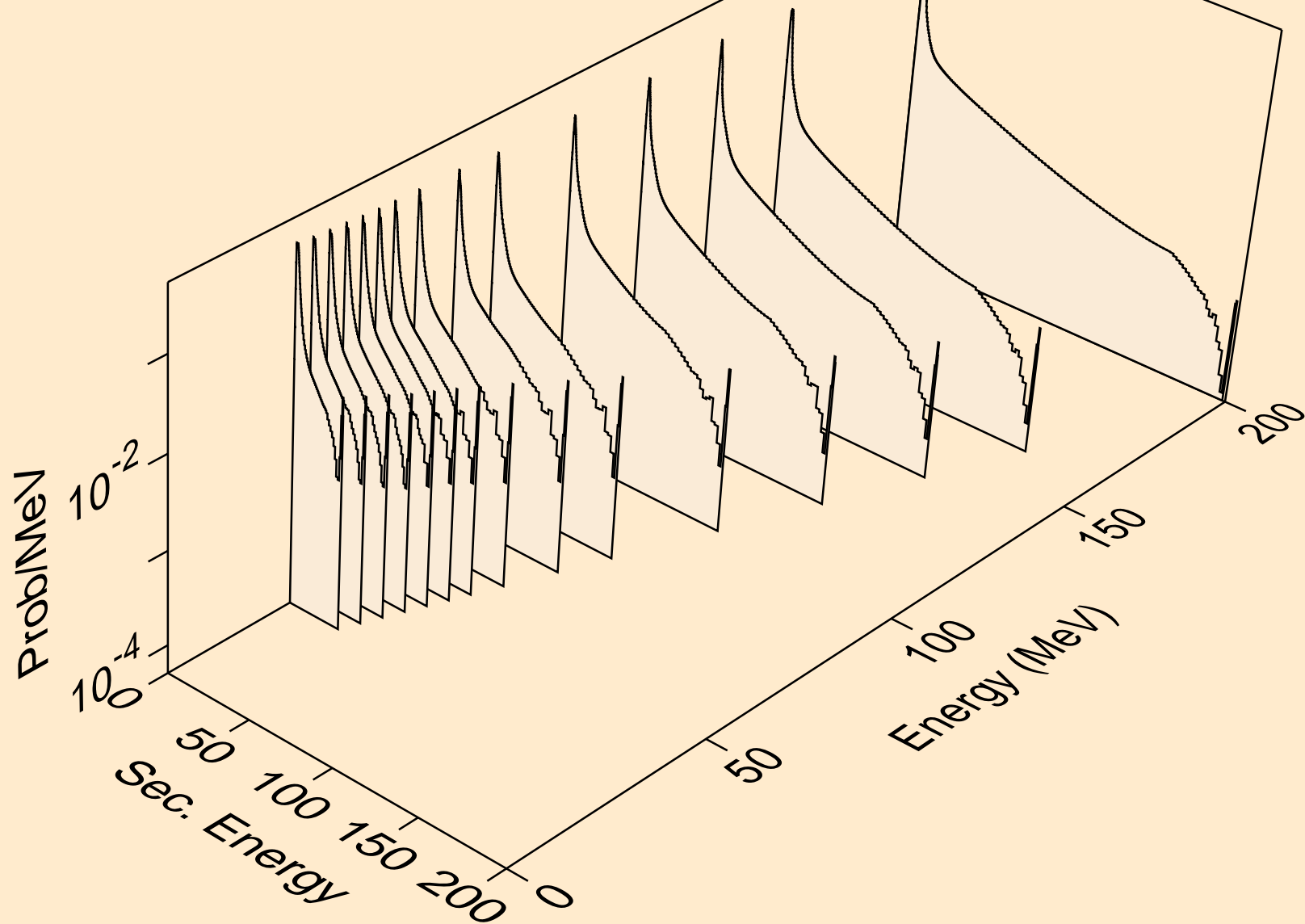


# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

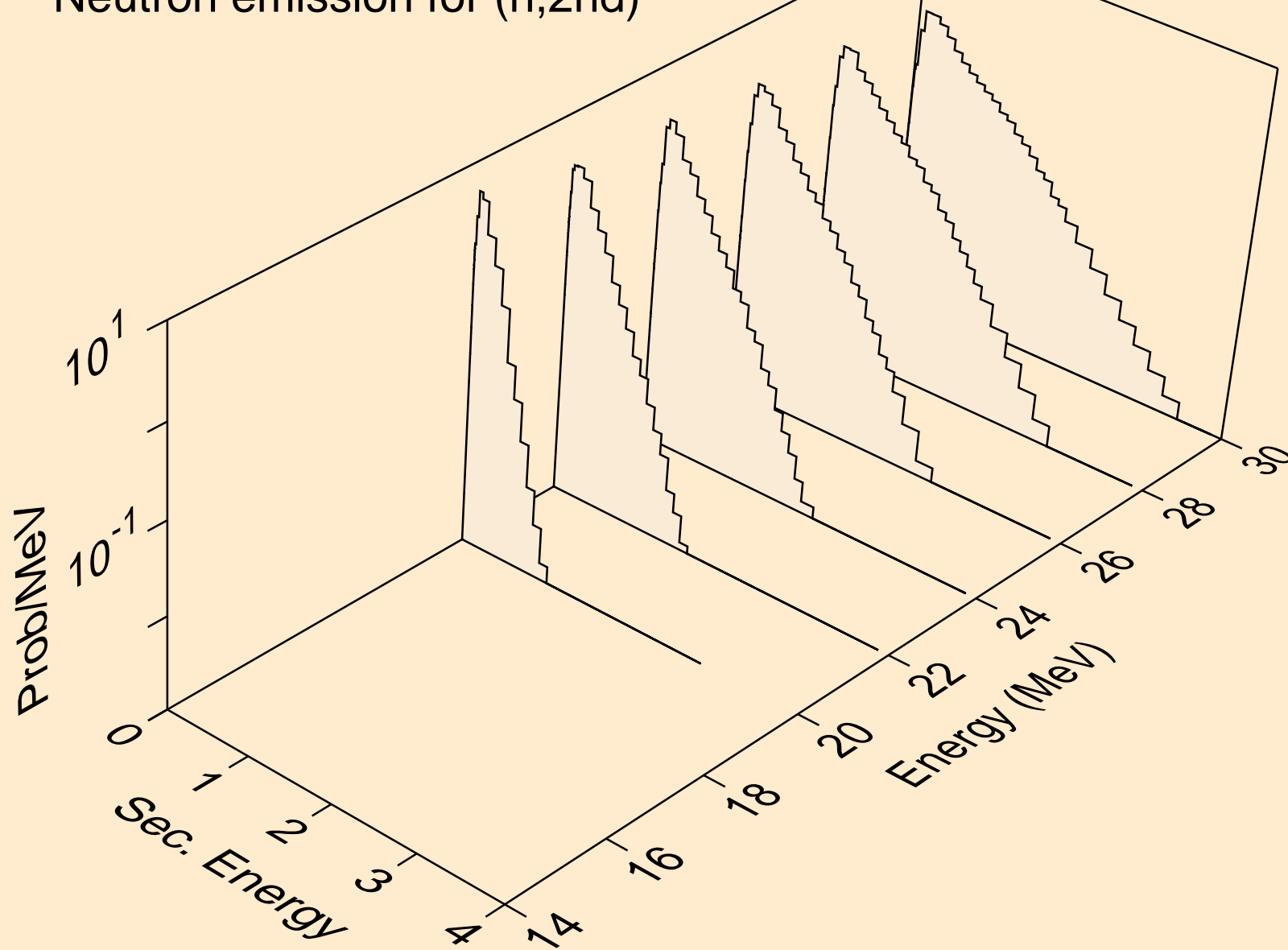
## Total fission nubar



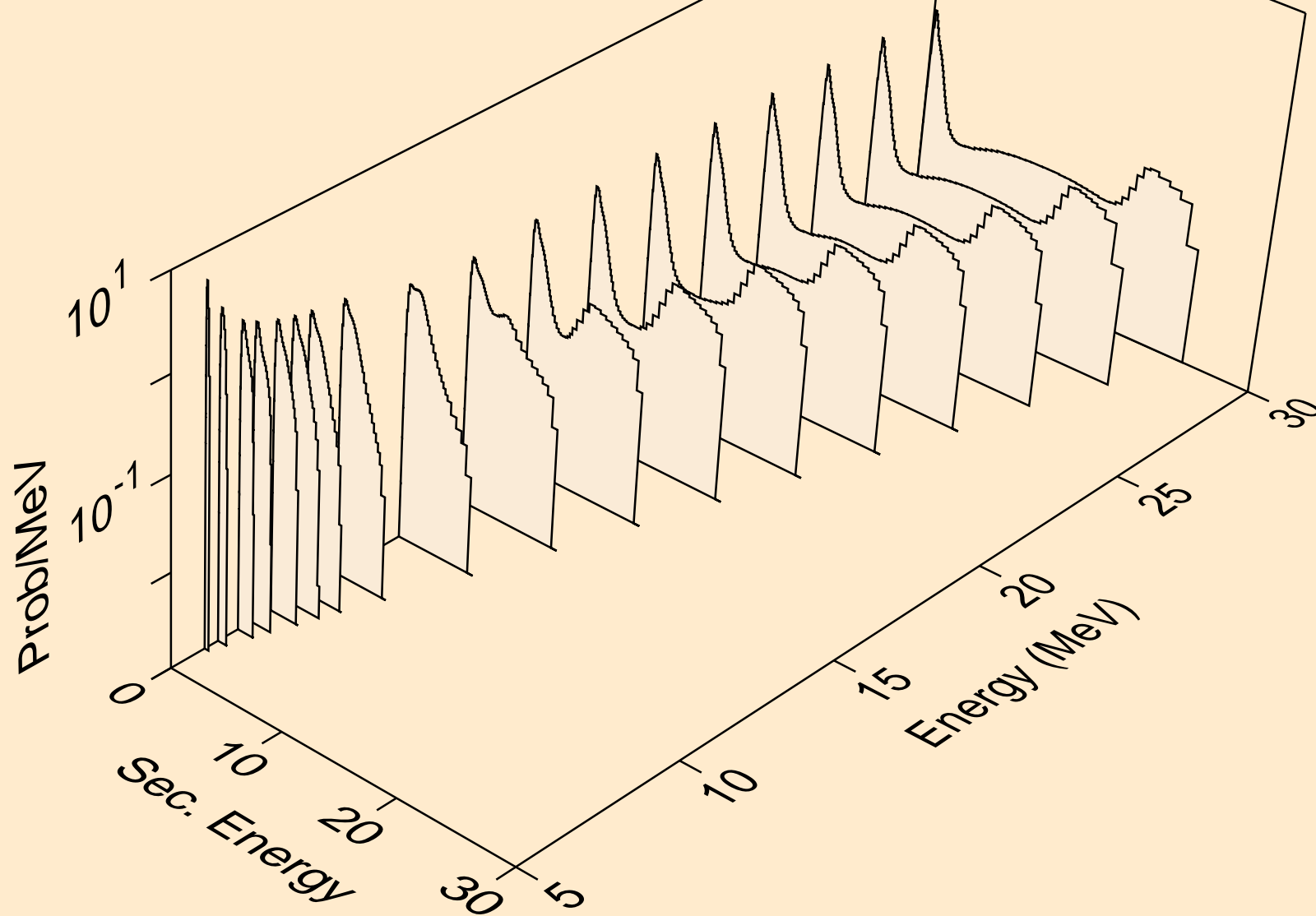
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,x)



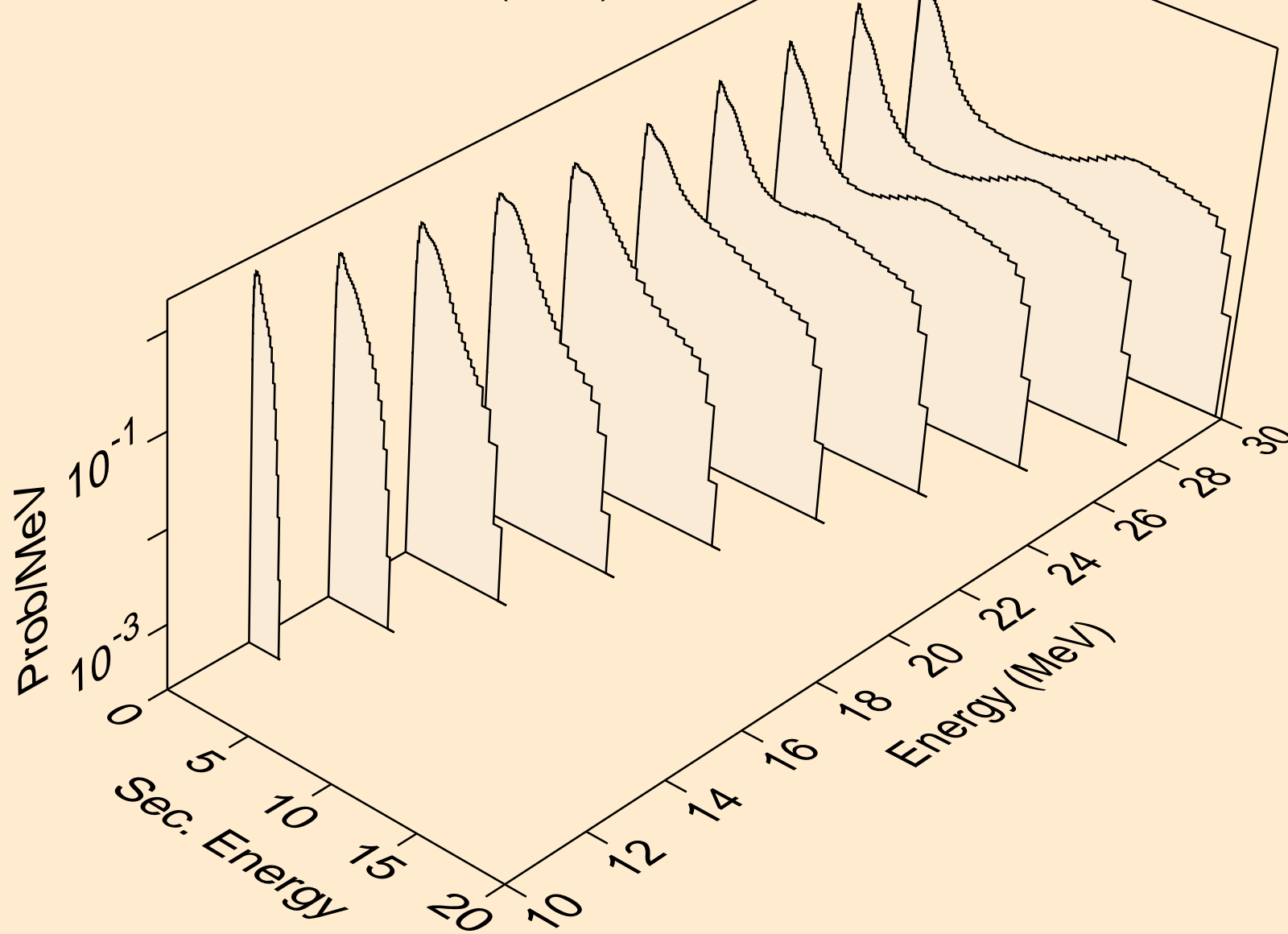
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)

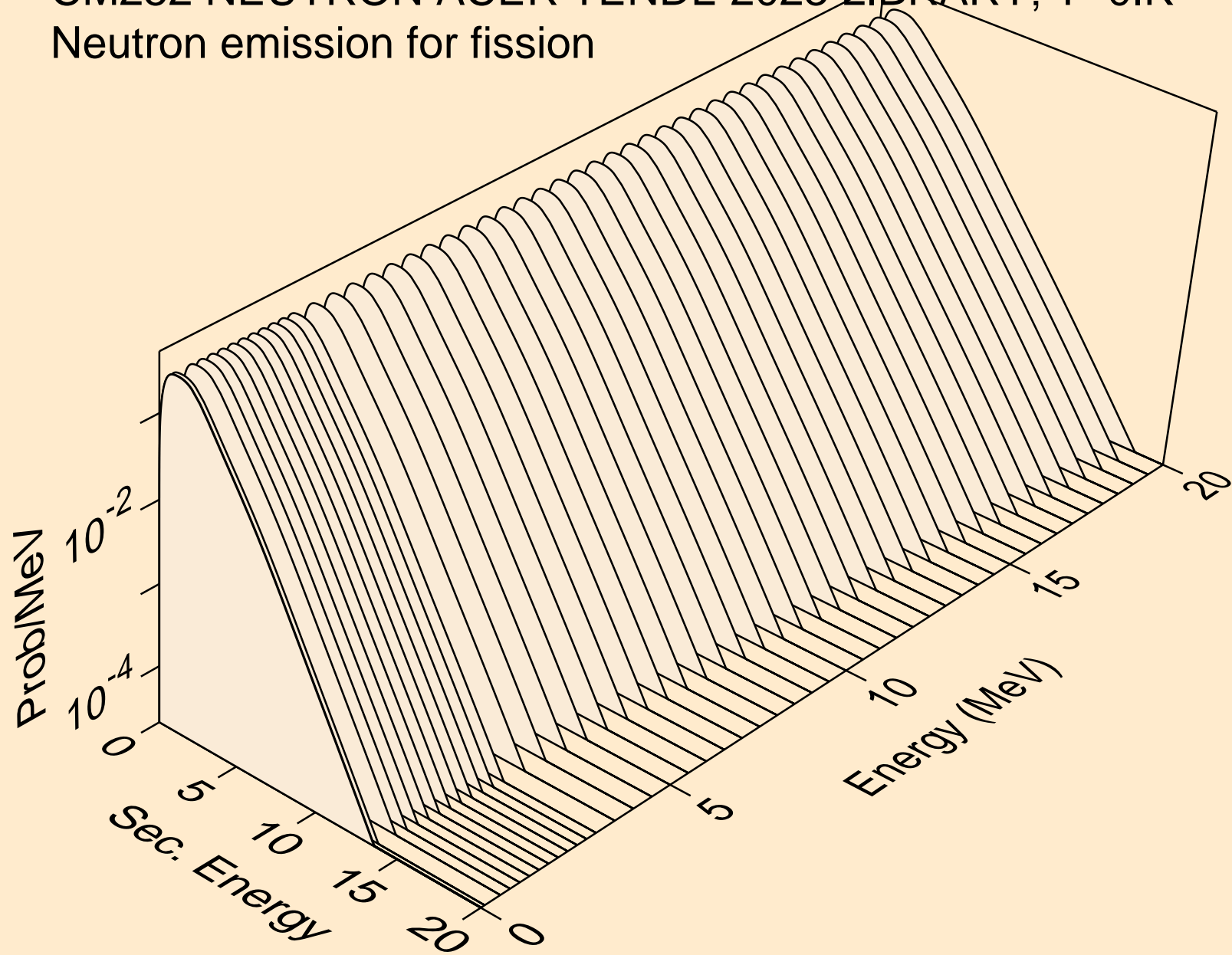


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)

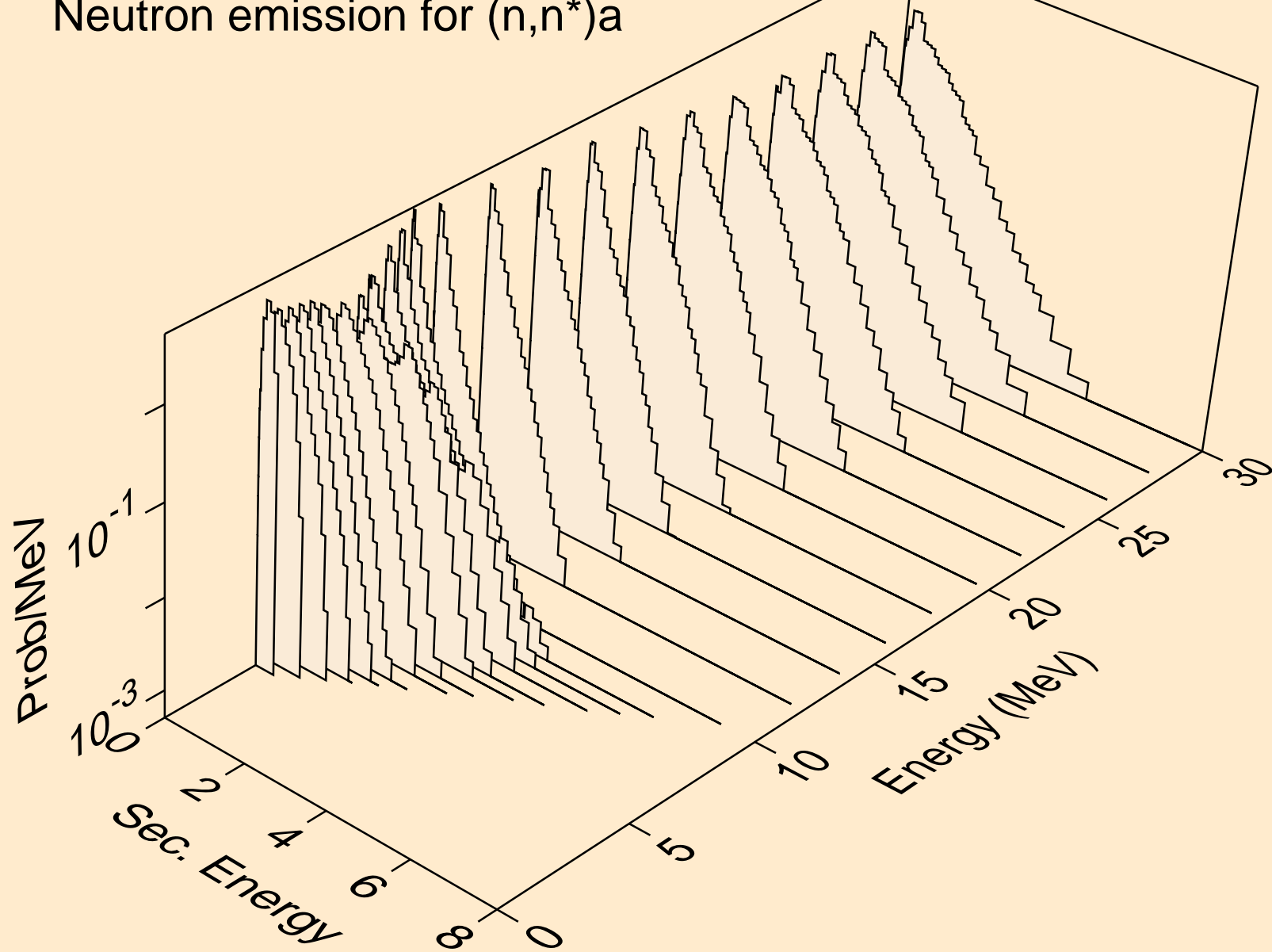




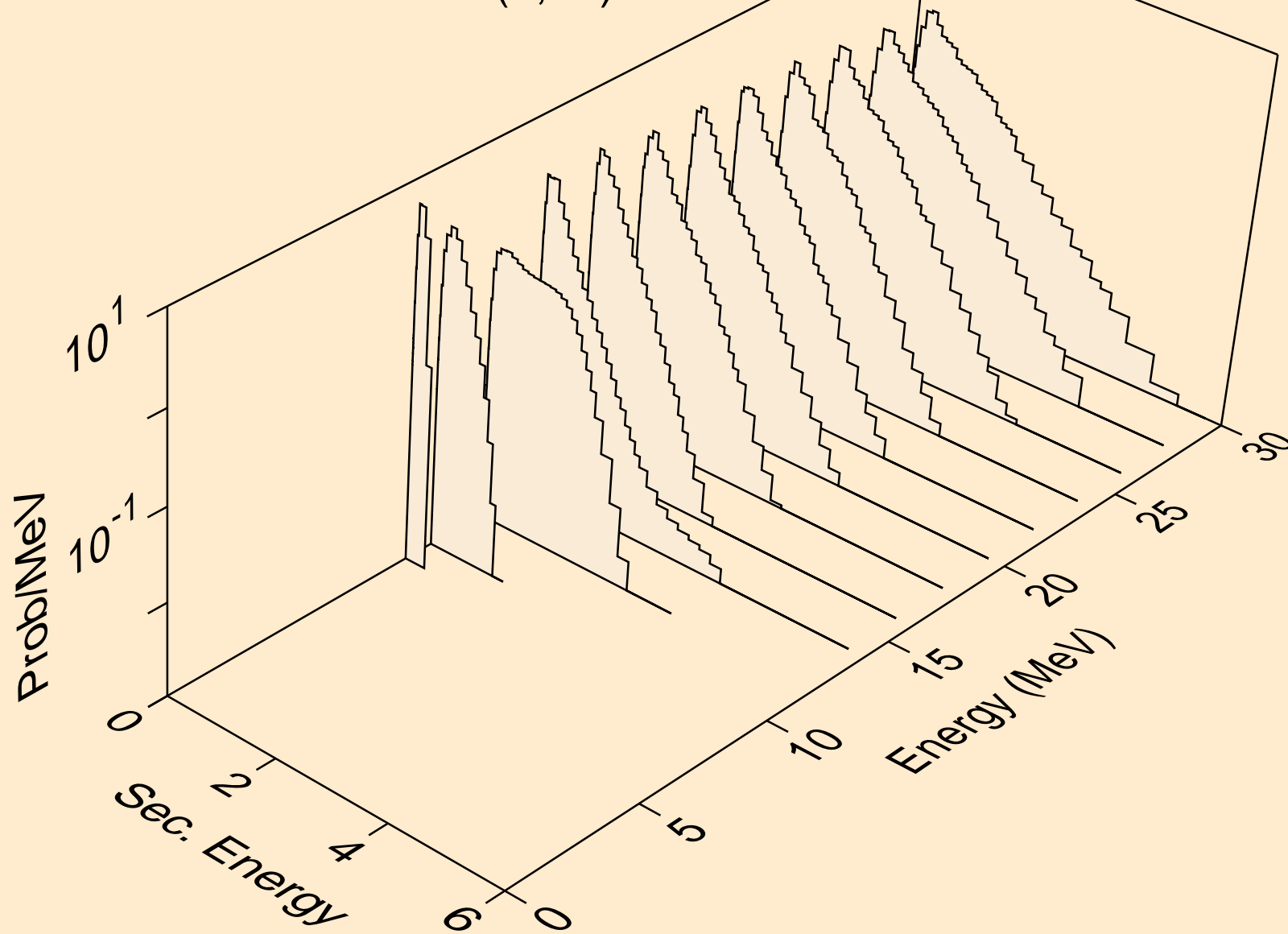
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for fission



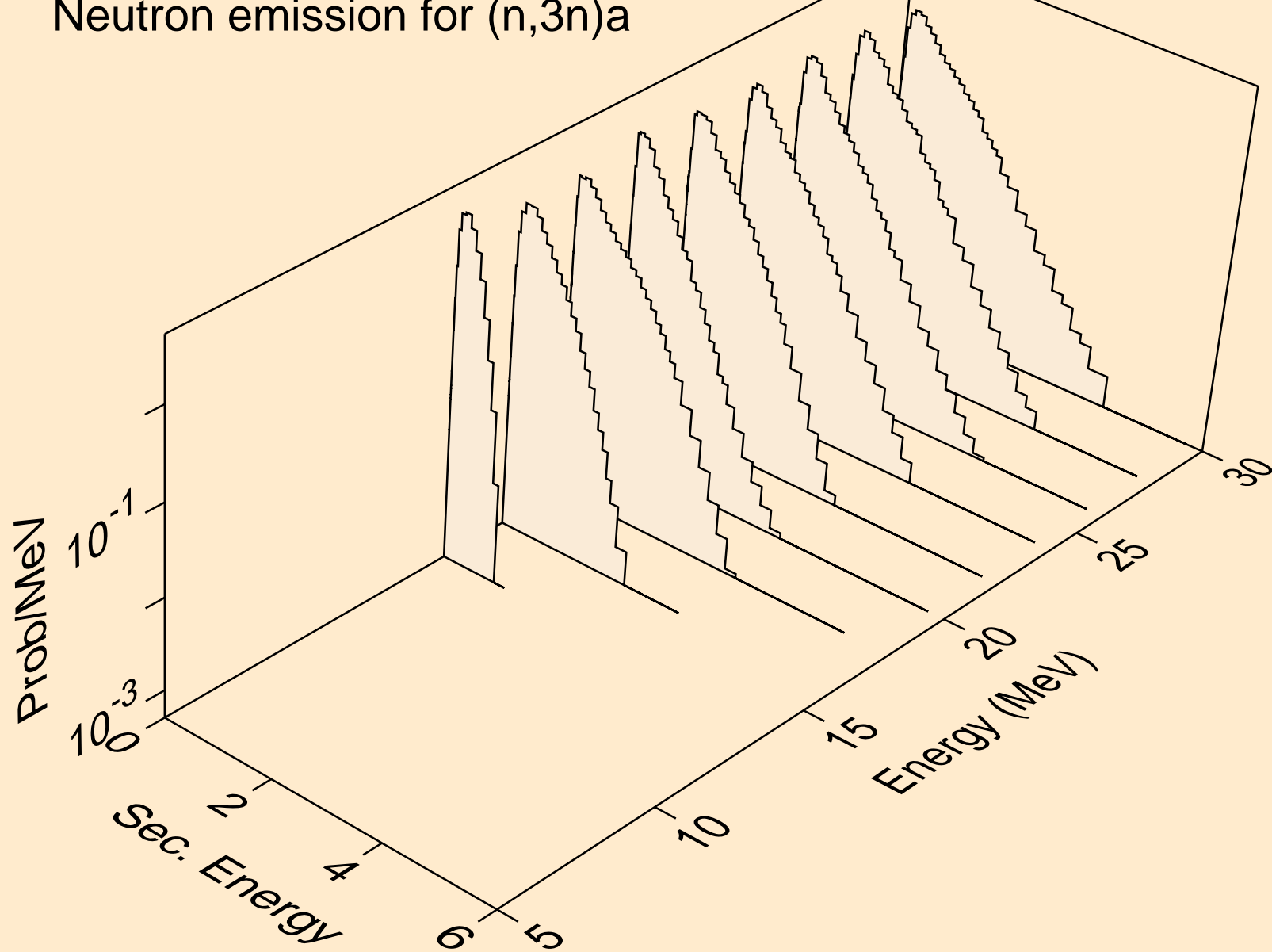
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



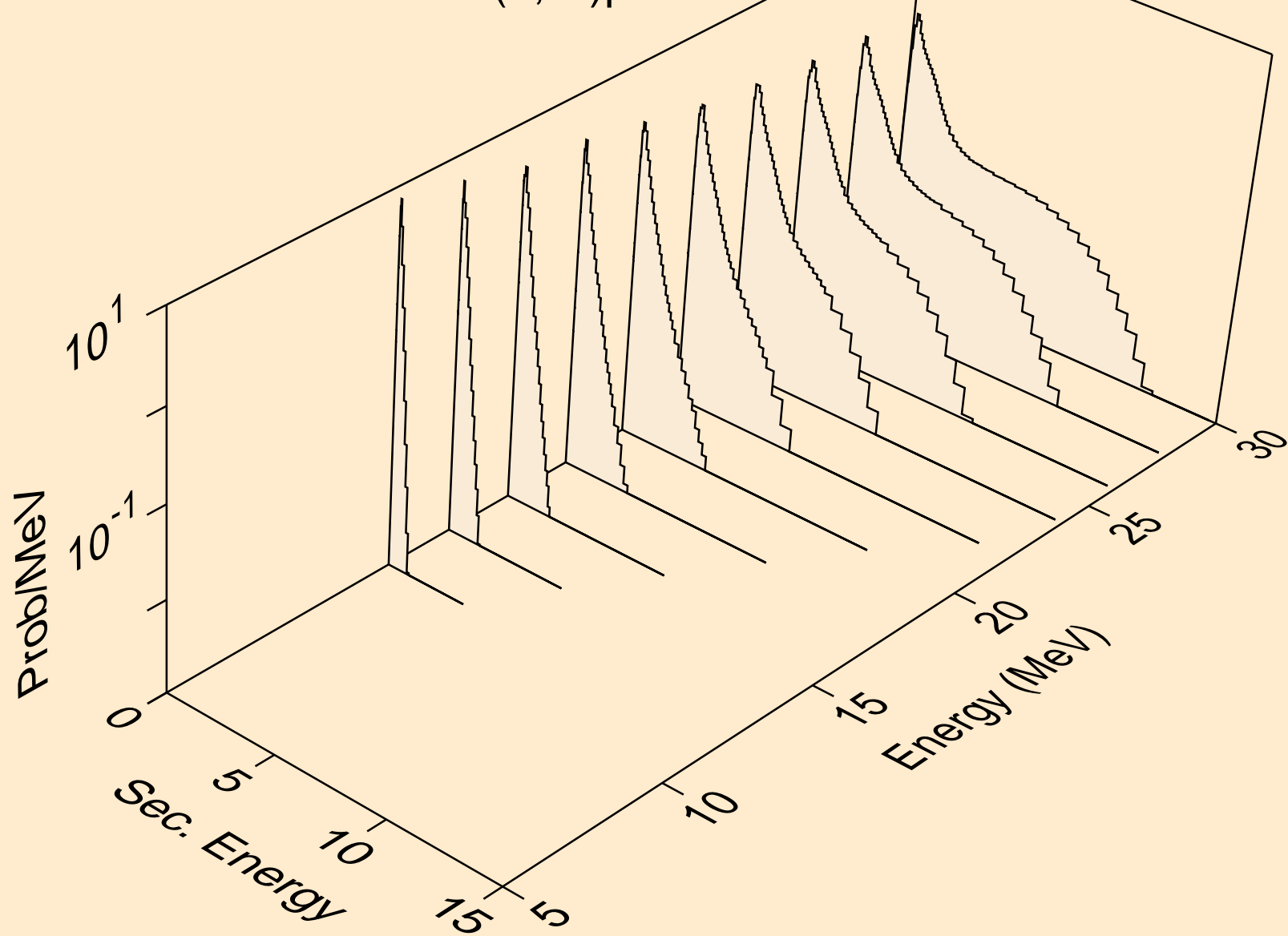
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



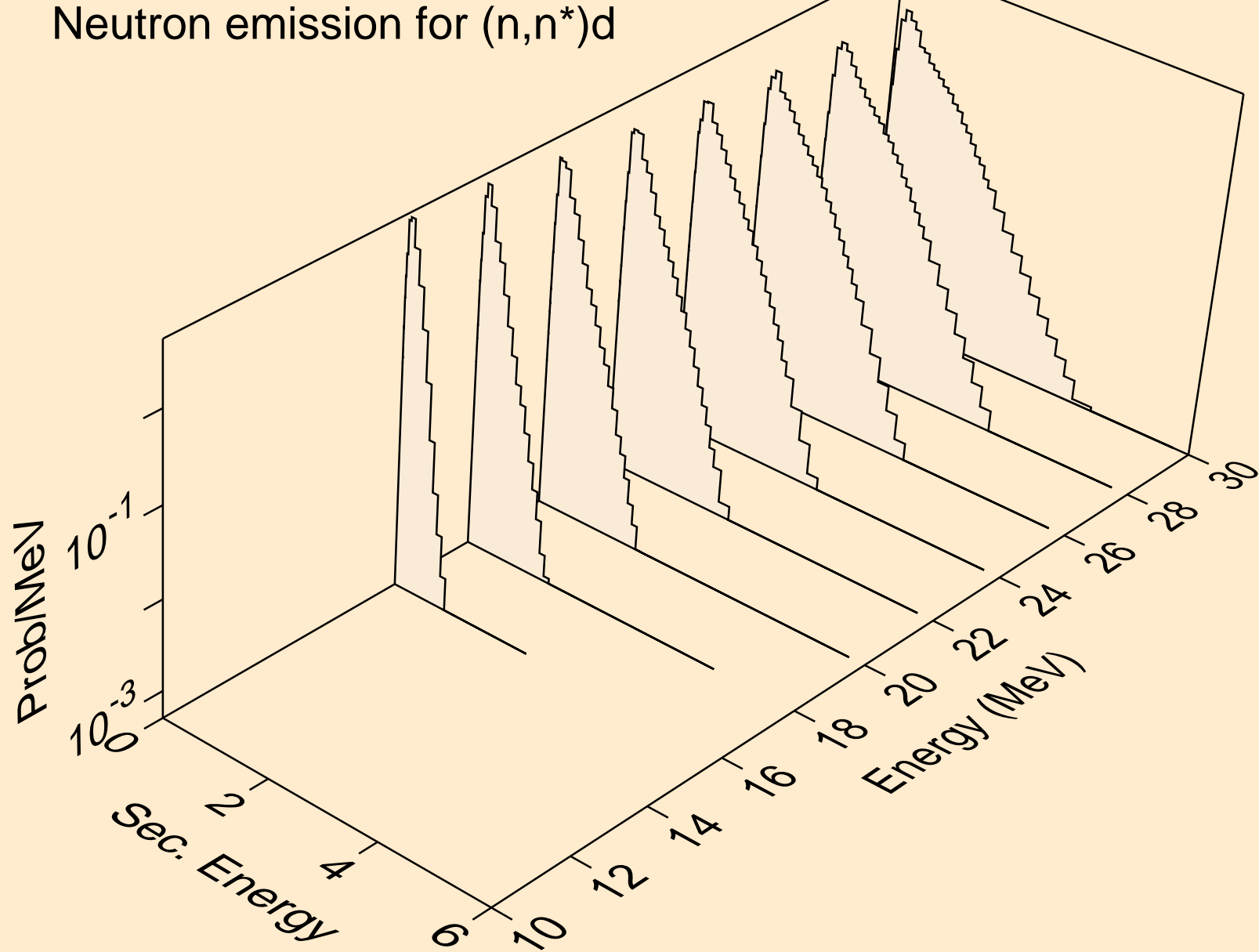
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



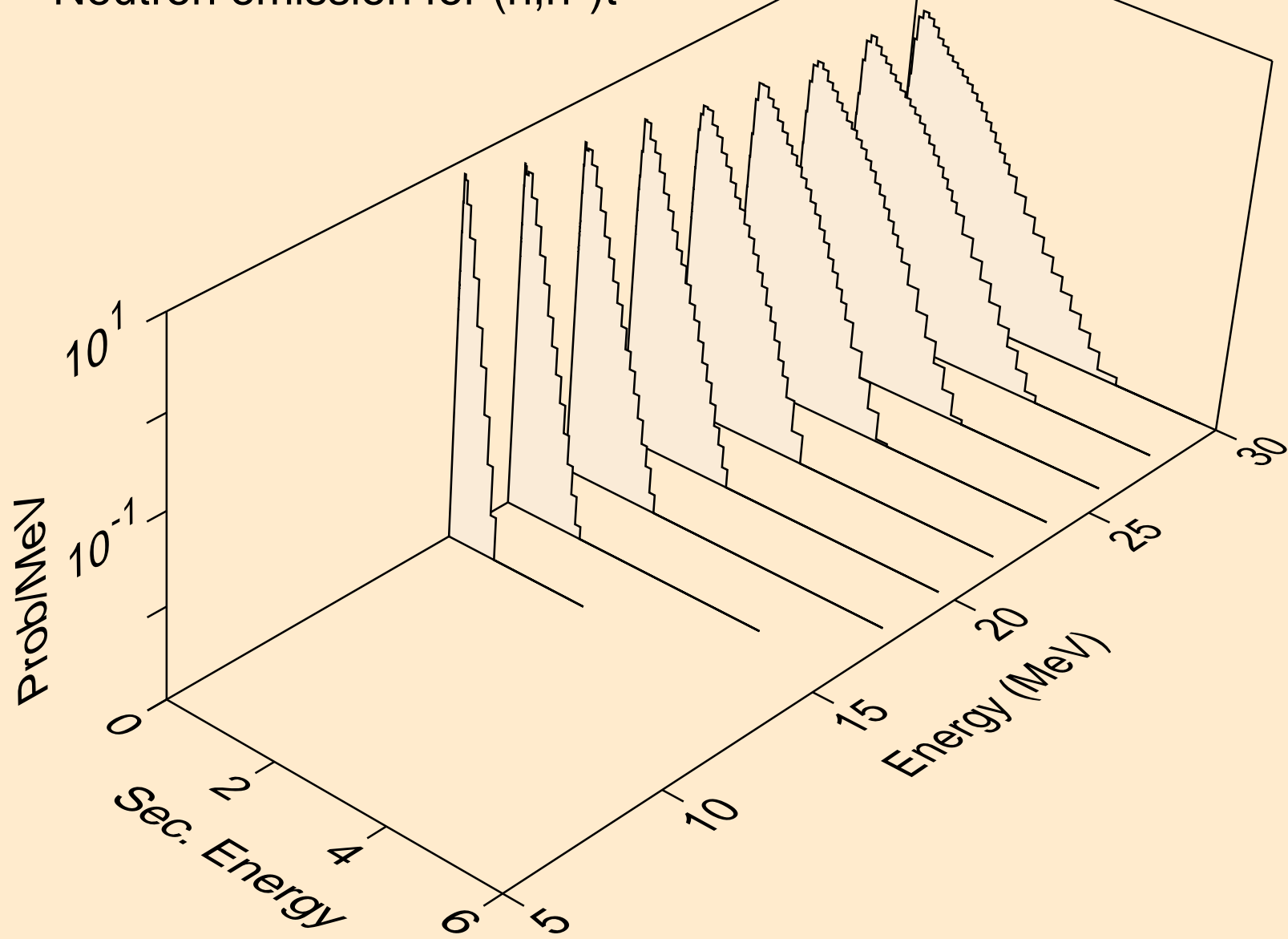
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



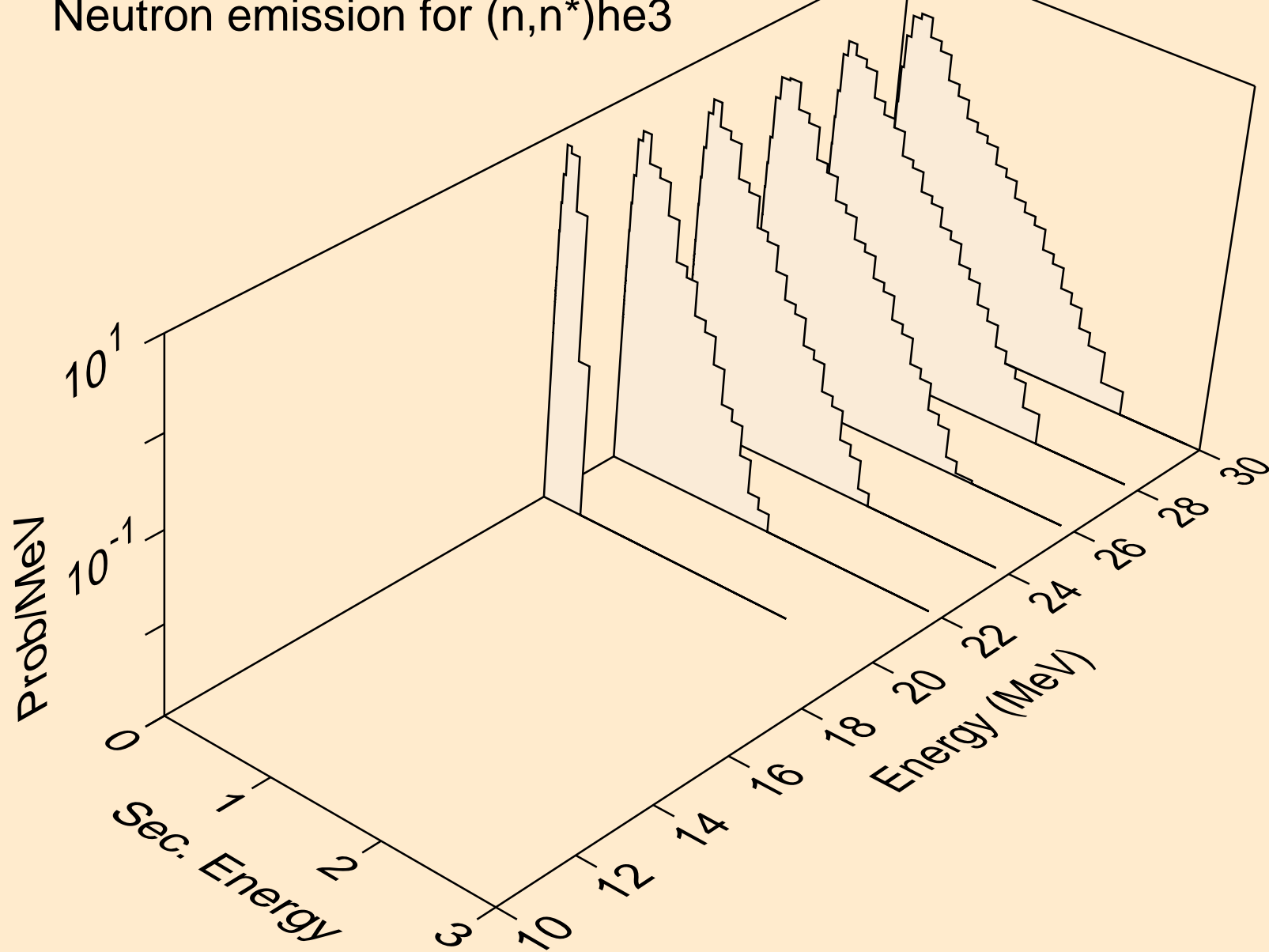
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t

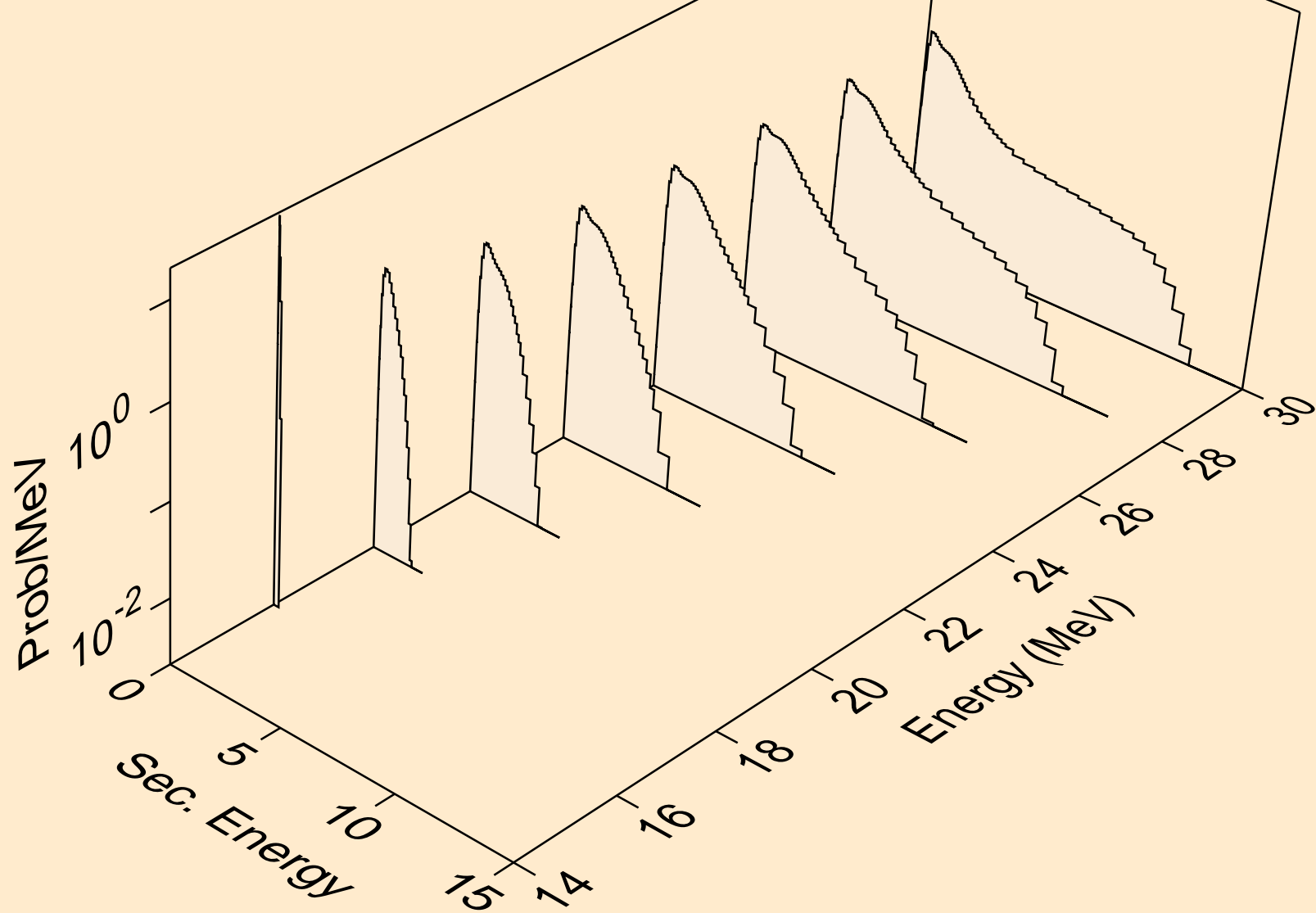


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3

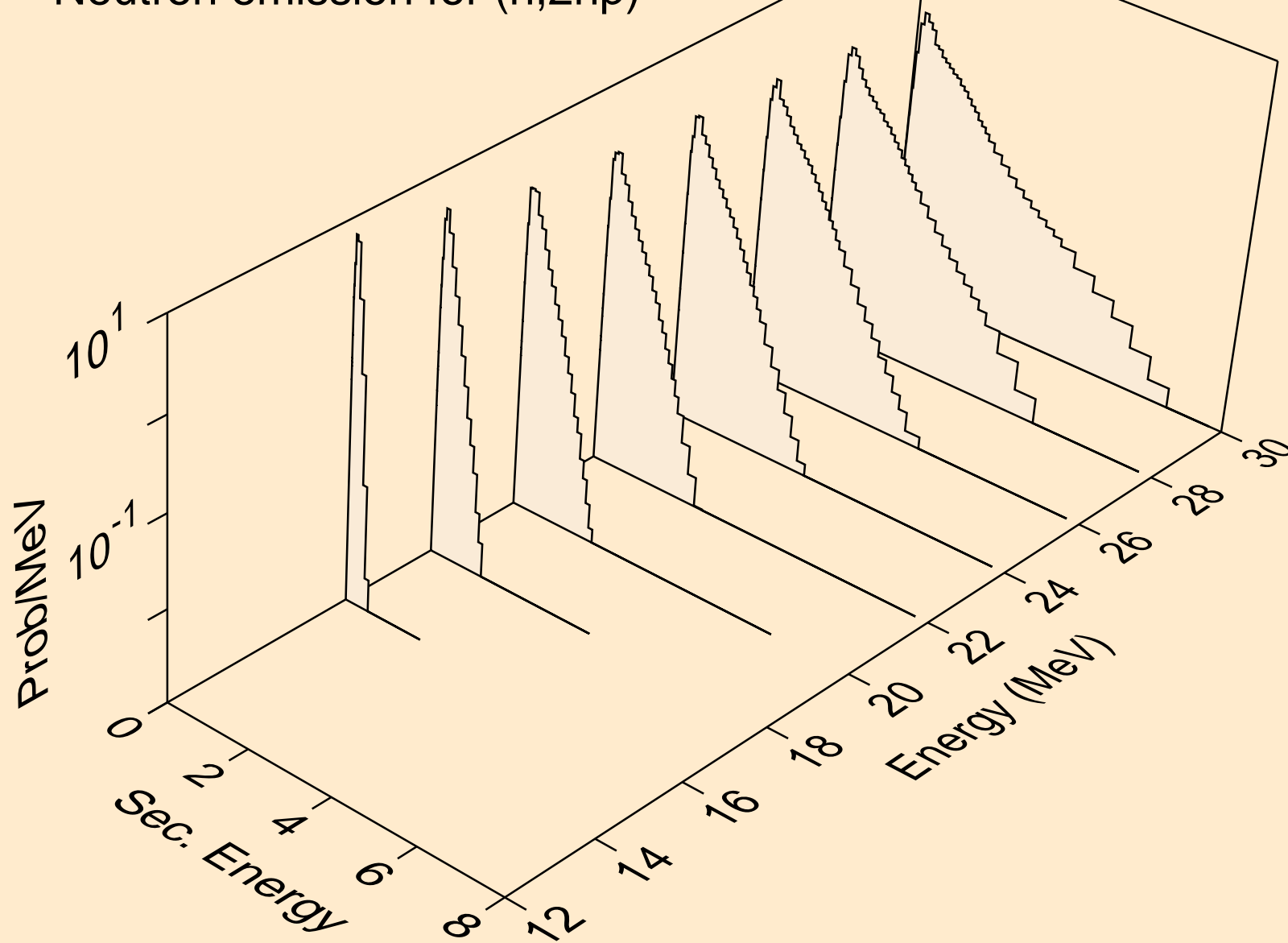




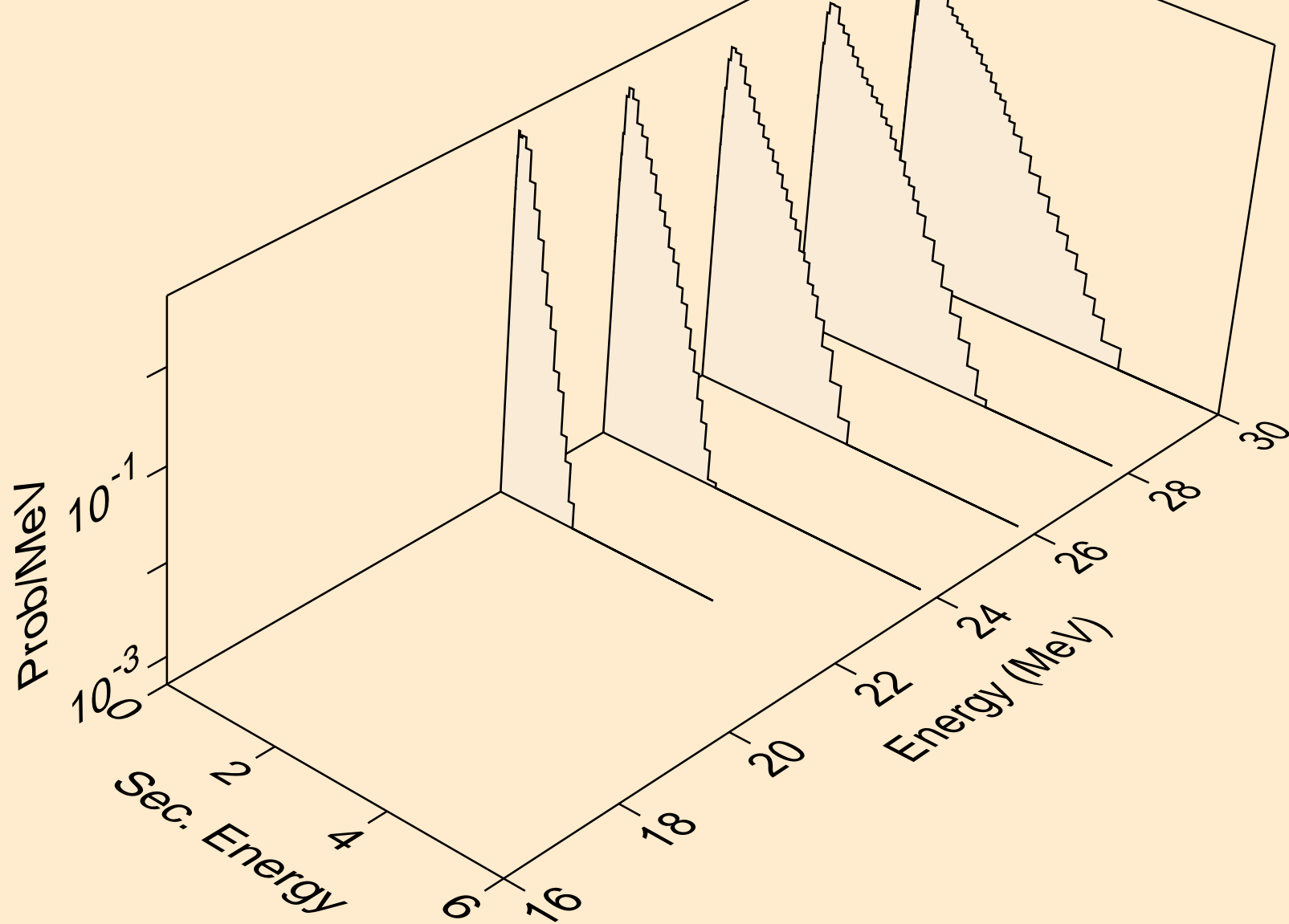
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,4n)



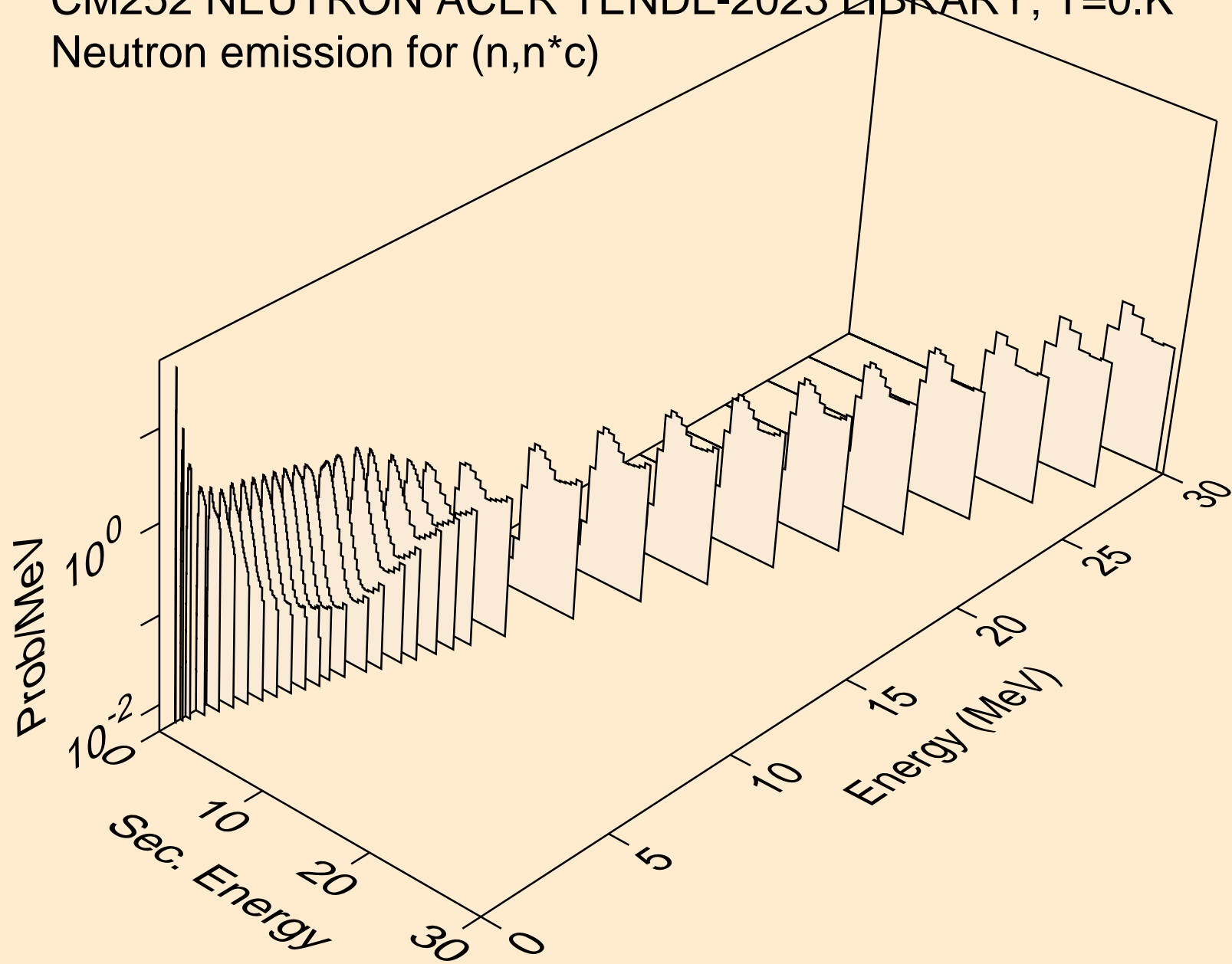
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,2np)



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,3np)

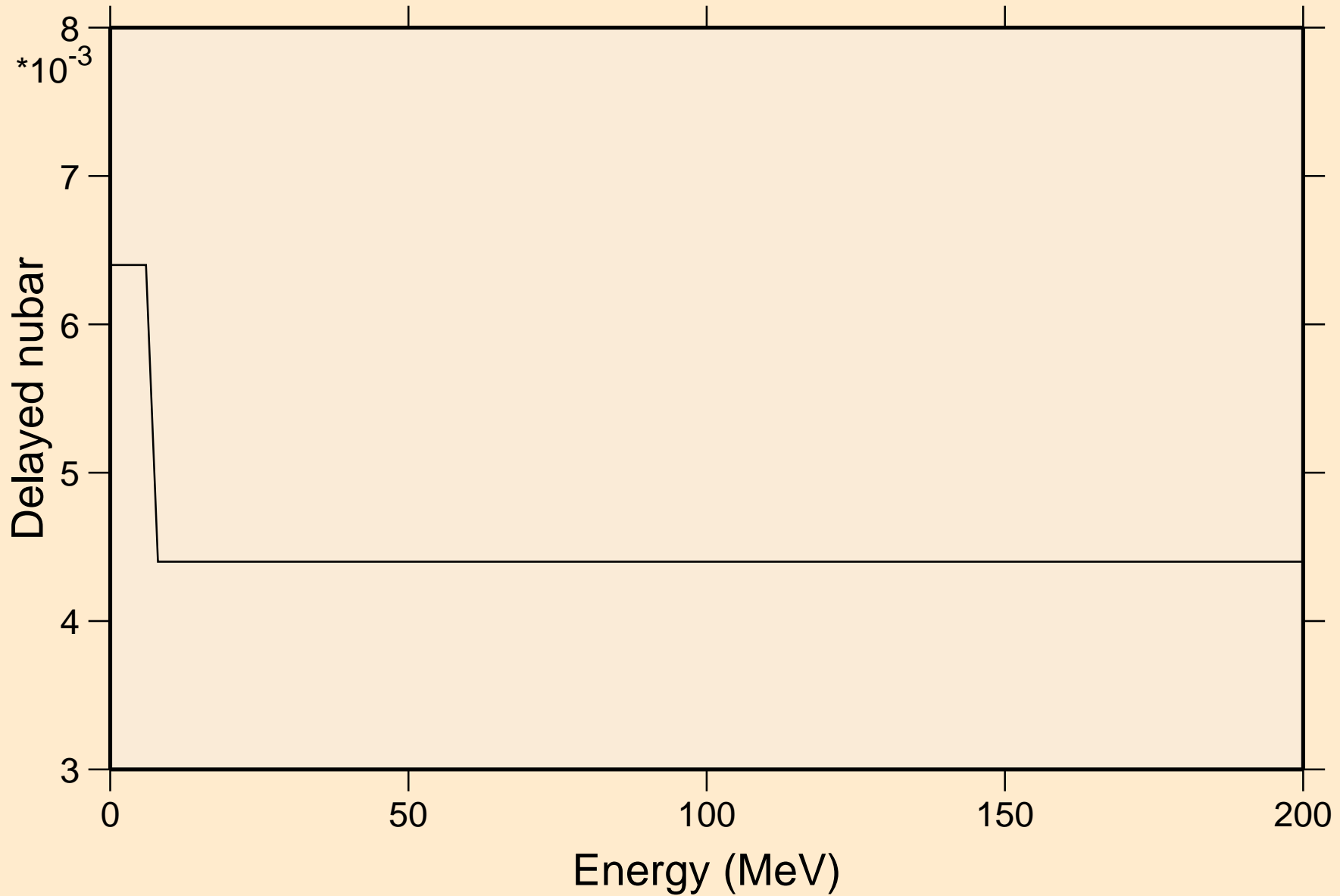


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



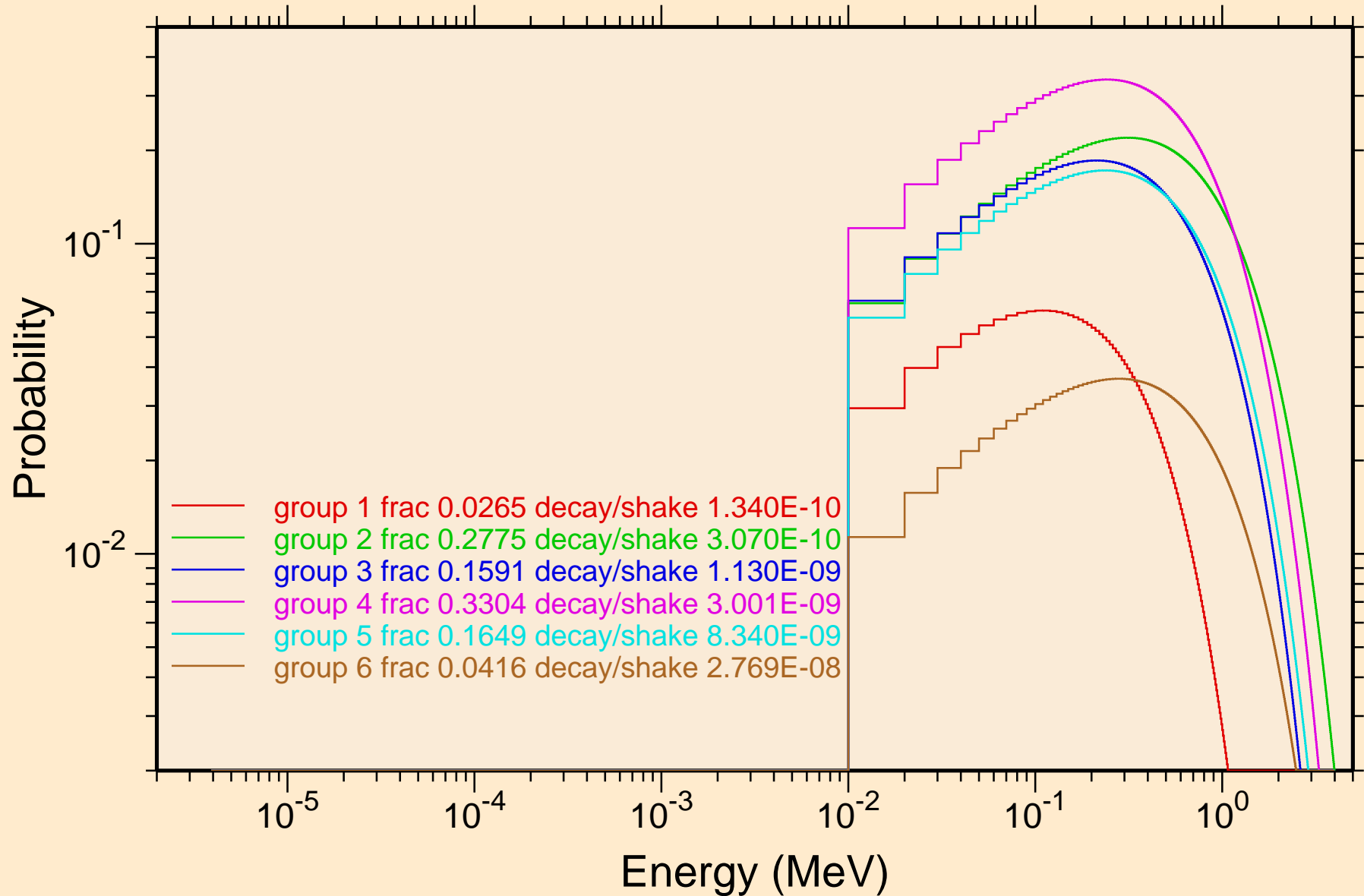
# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Delayed nubar

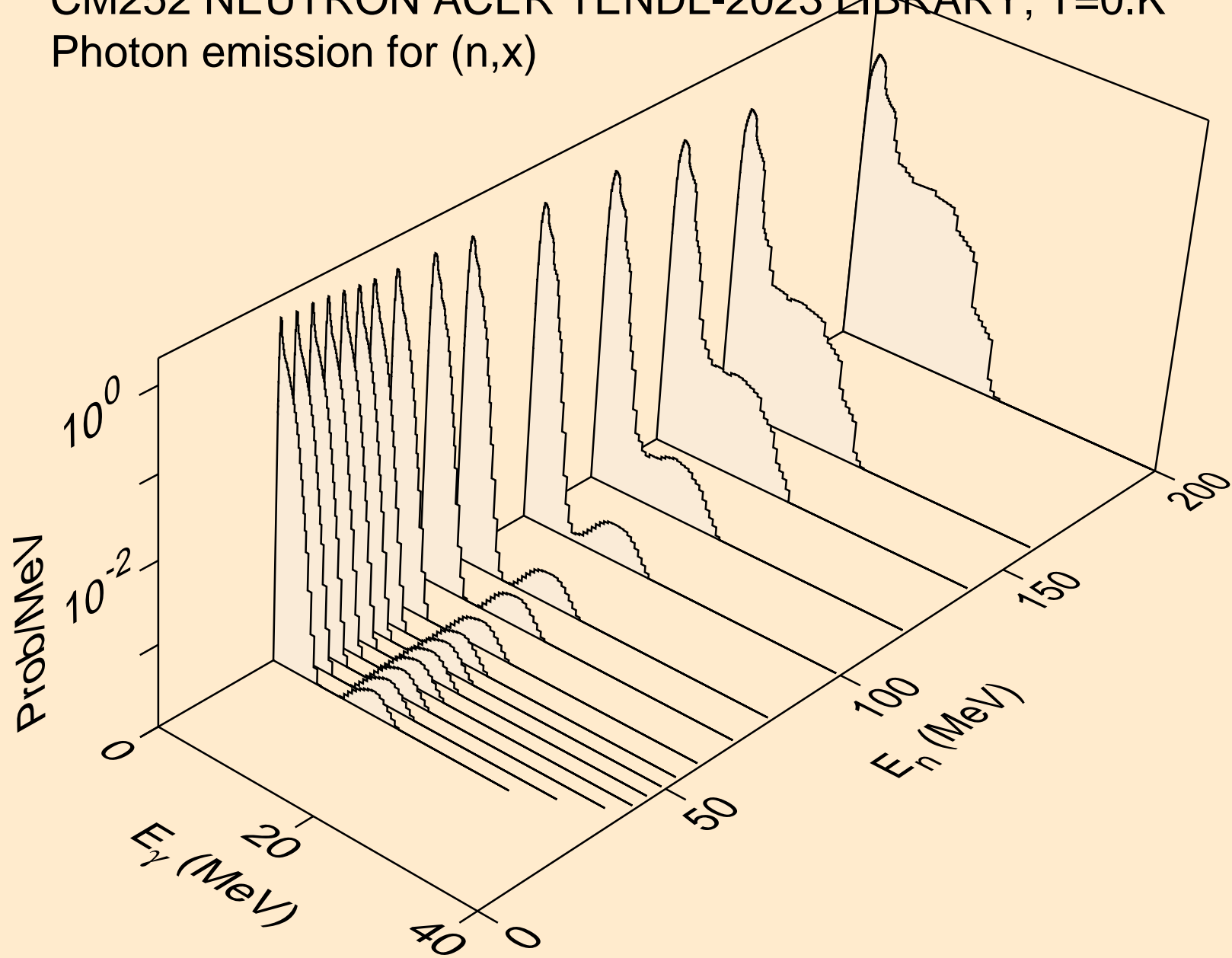


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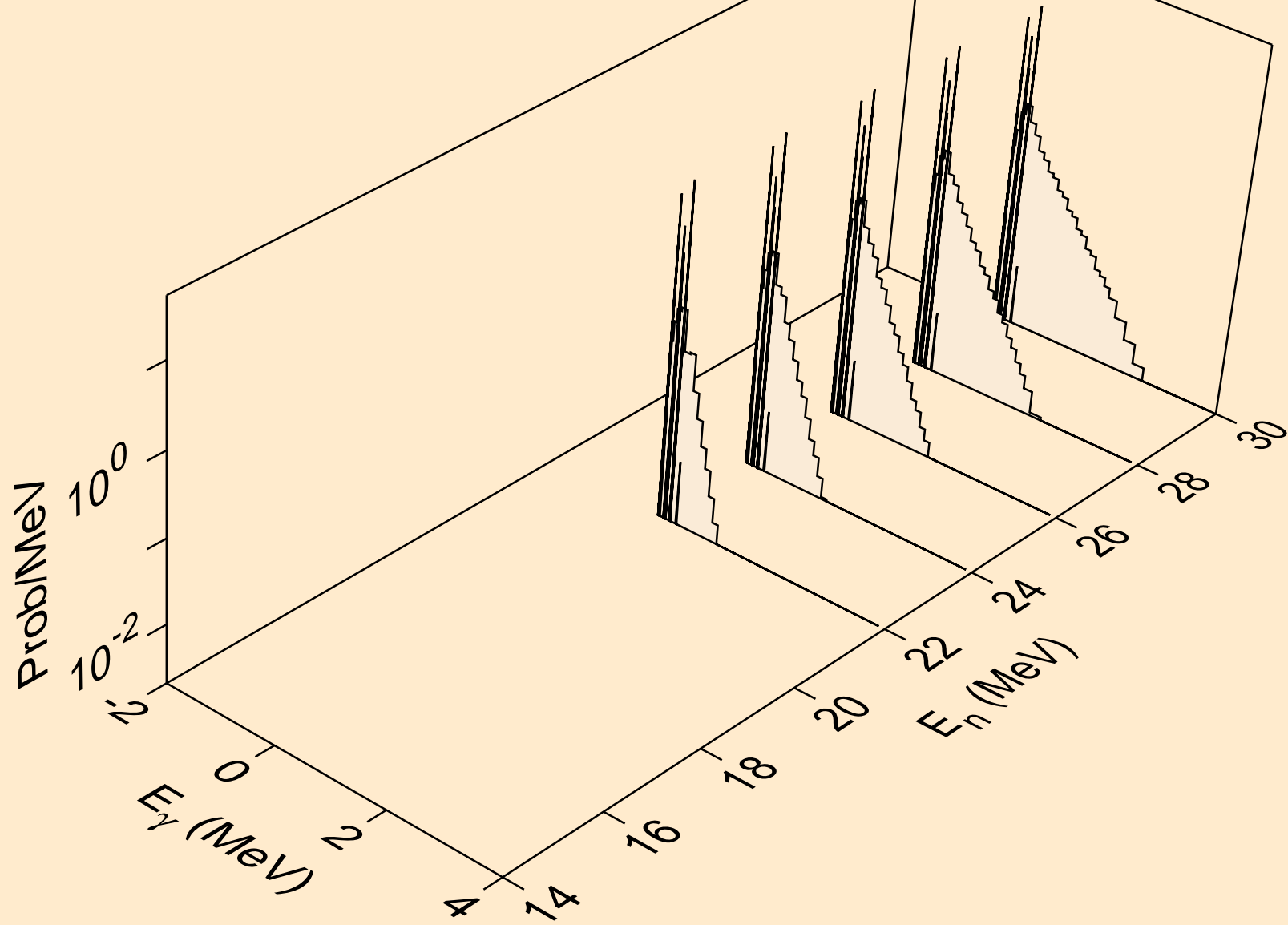
## Delayed neutron spectra



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,x)

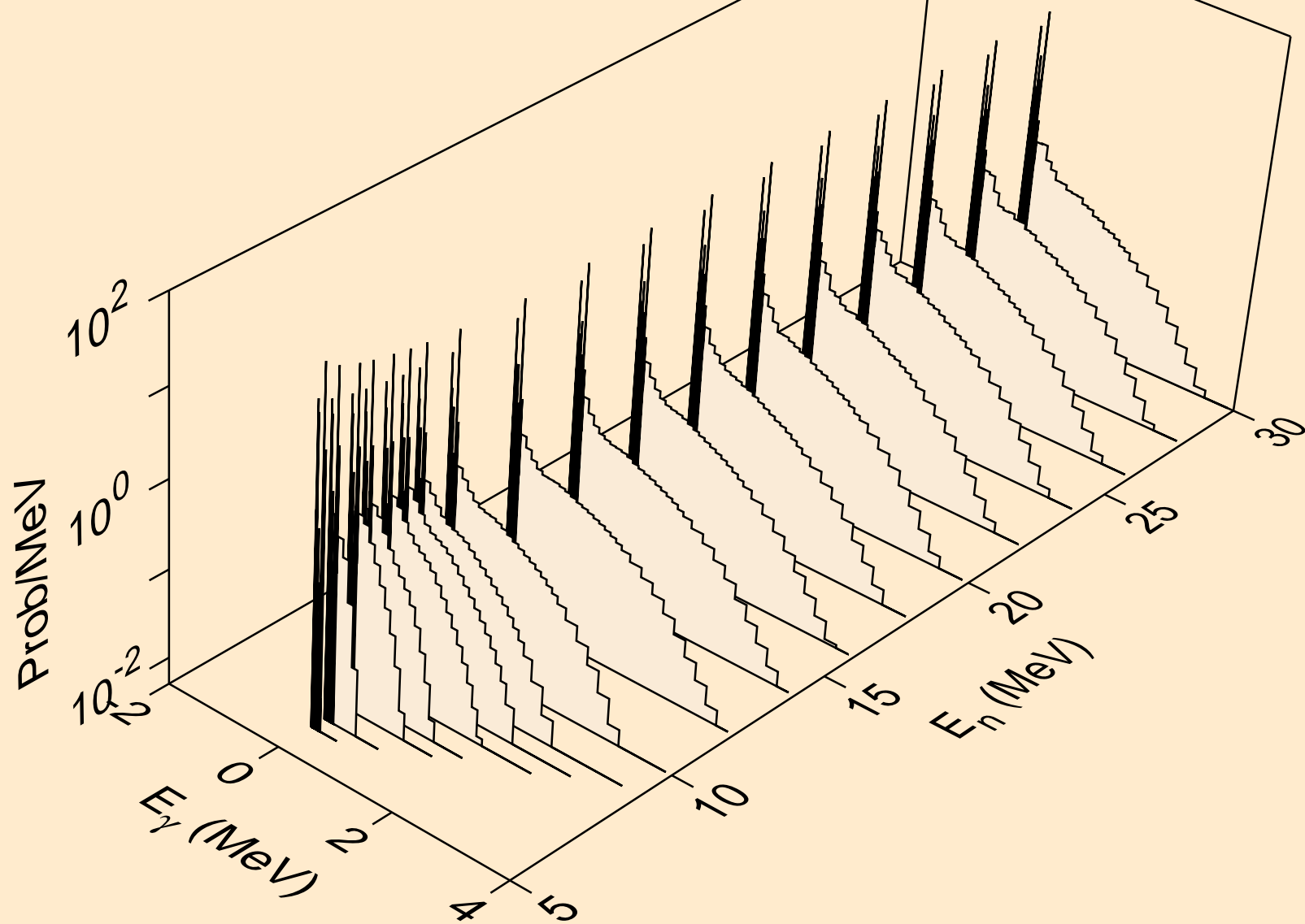


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

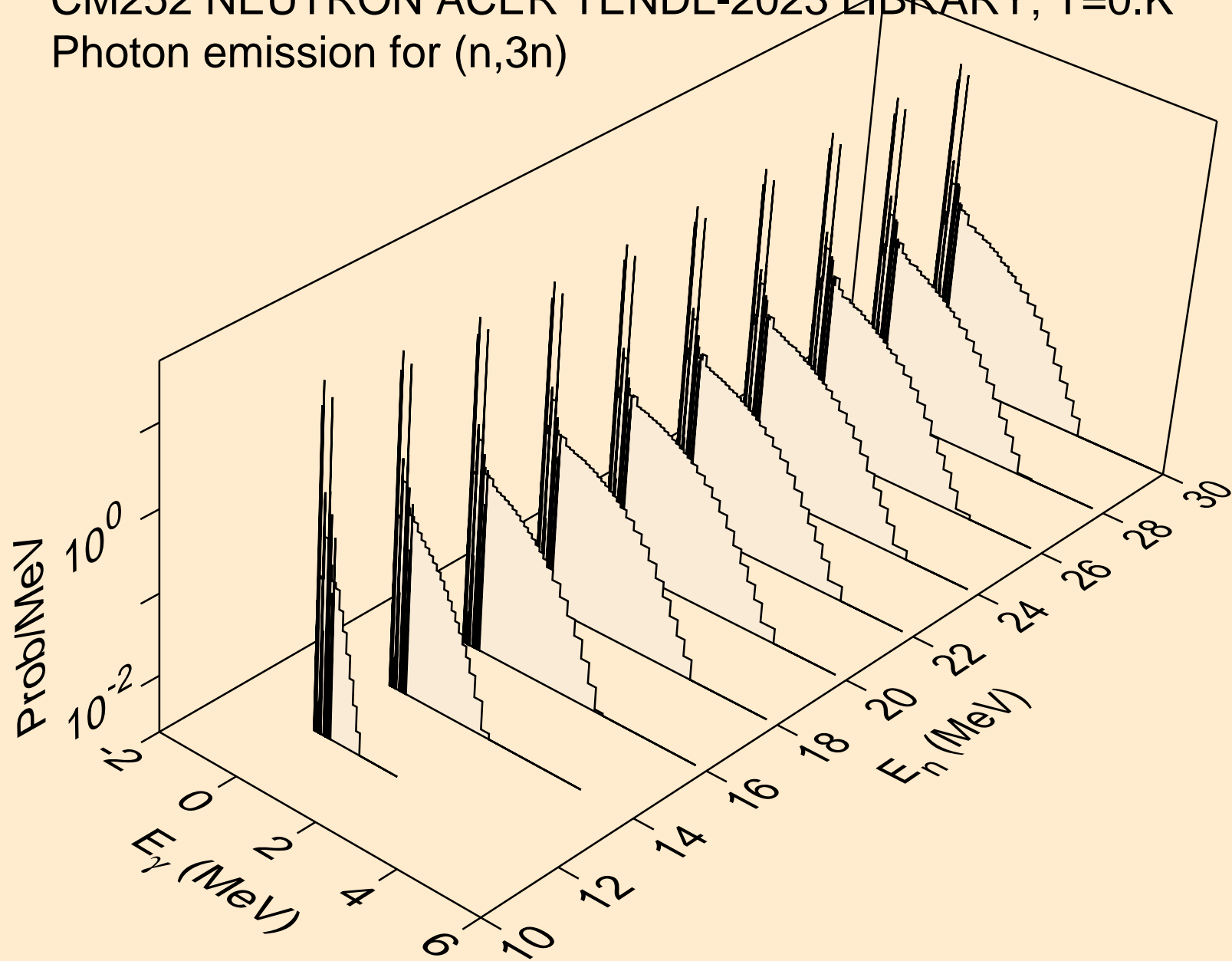




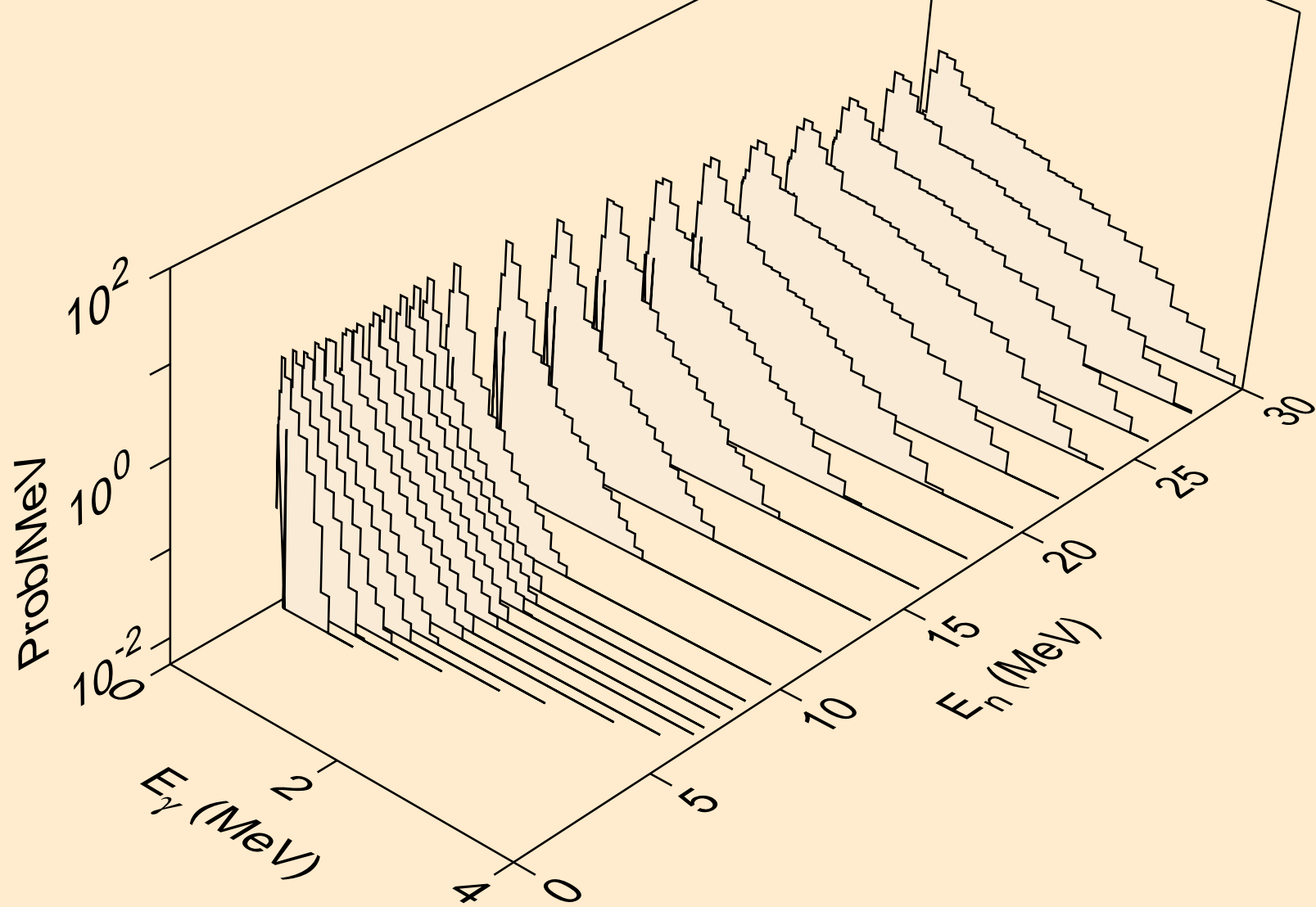
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



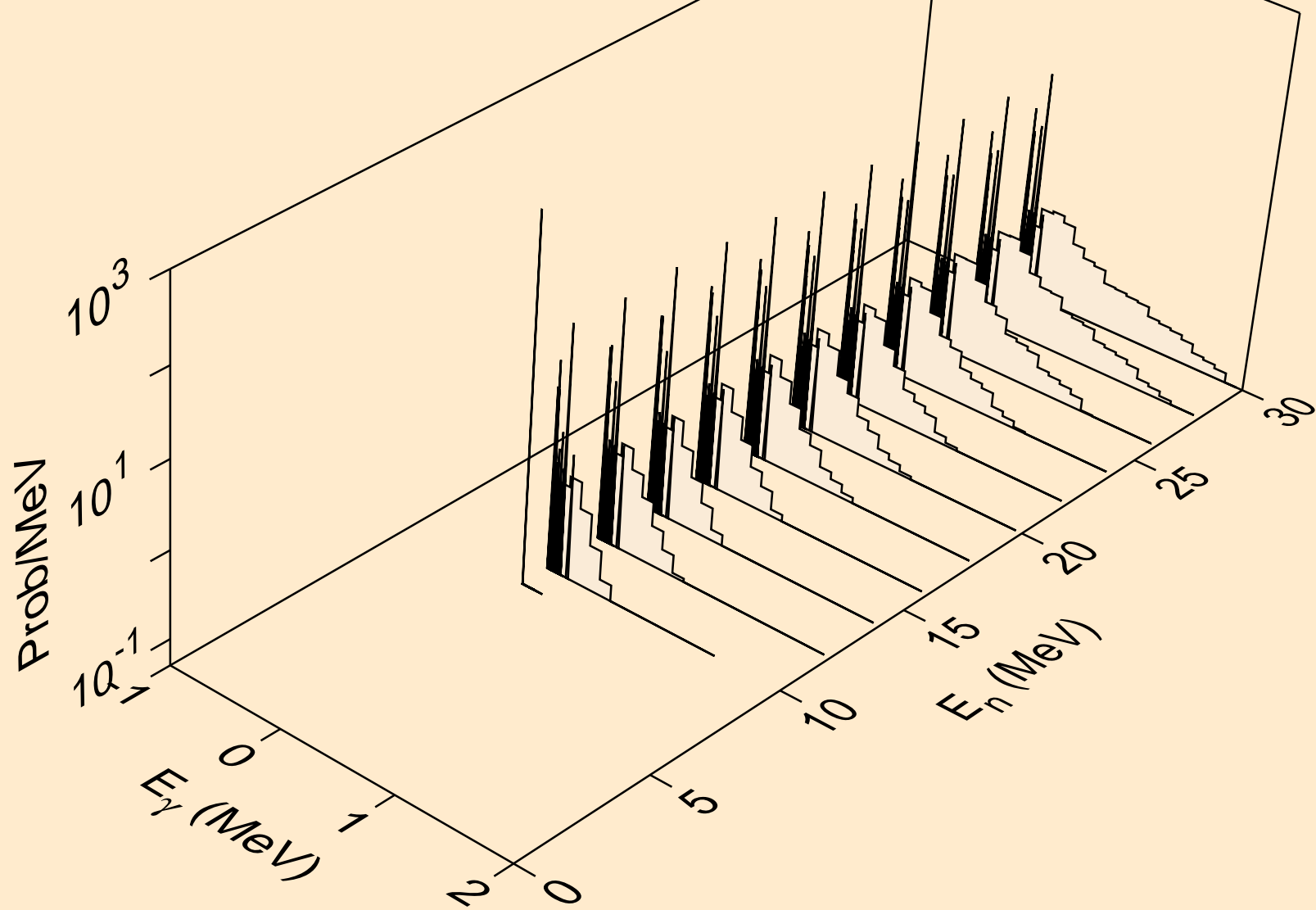
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



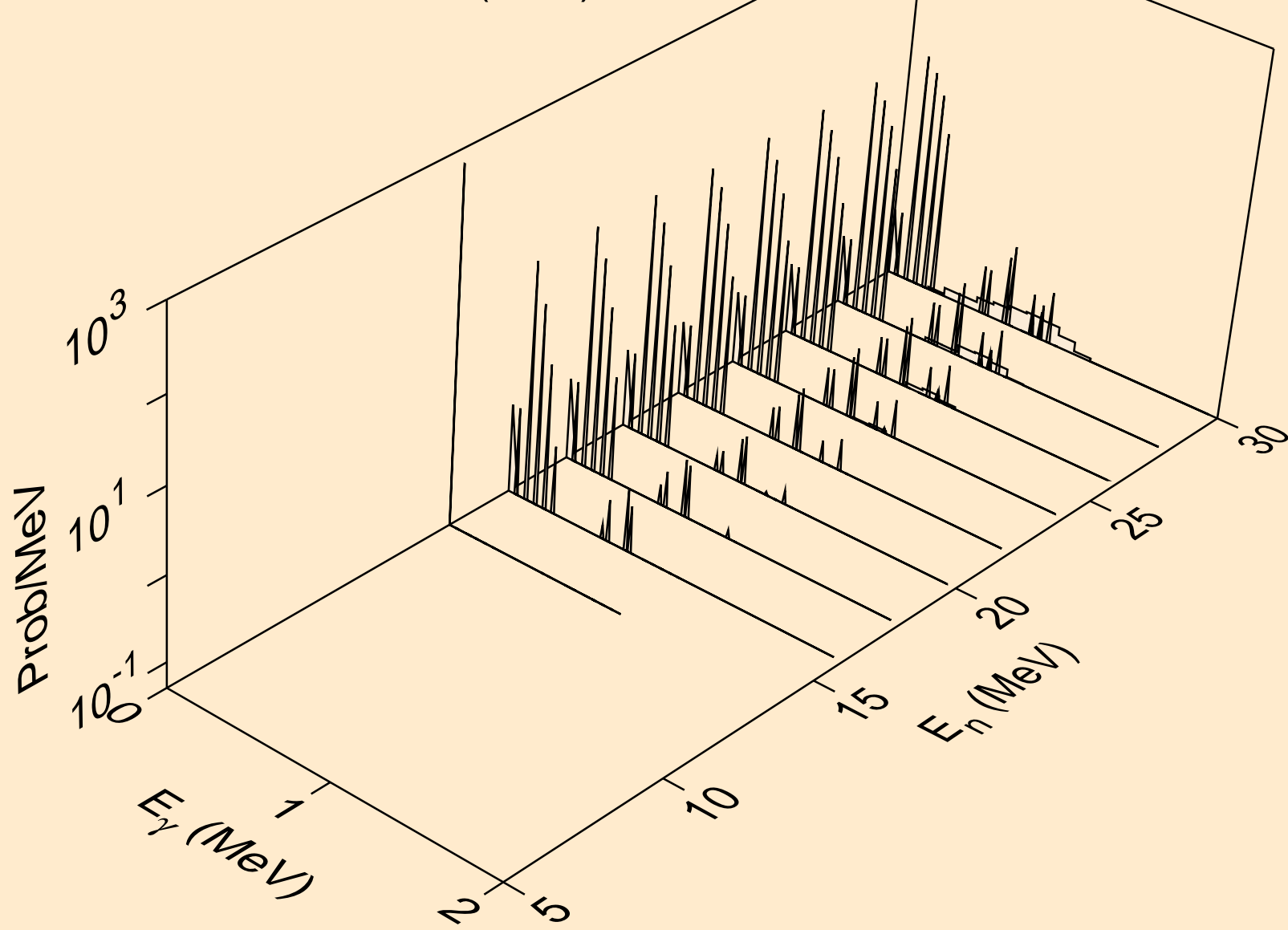
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



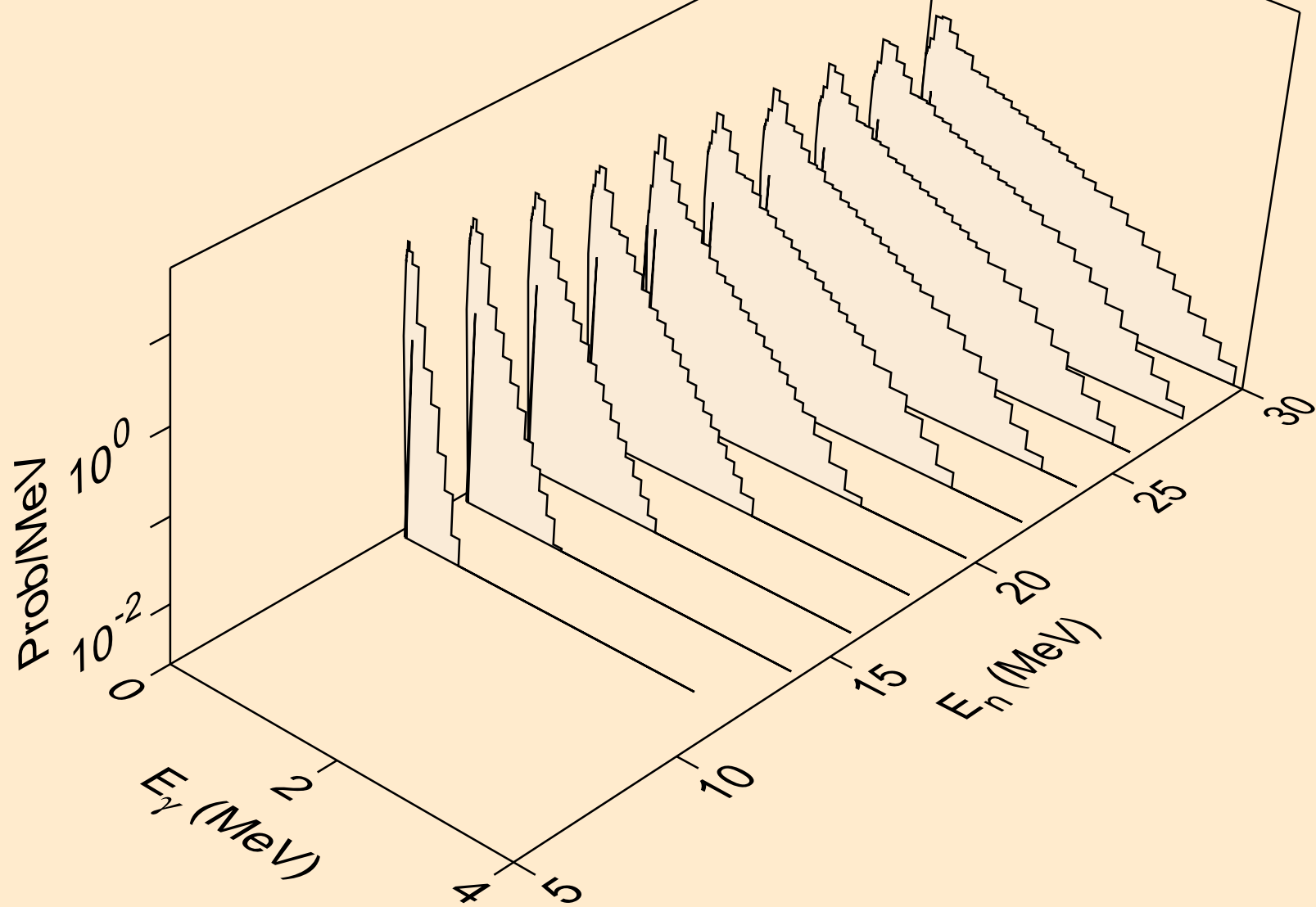
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Photon emission for (n,2n)a



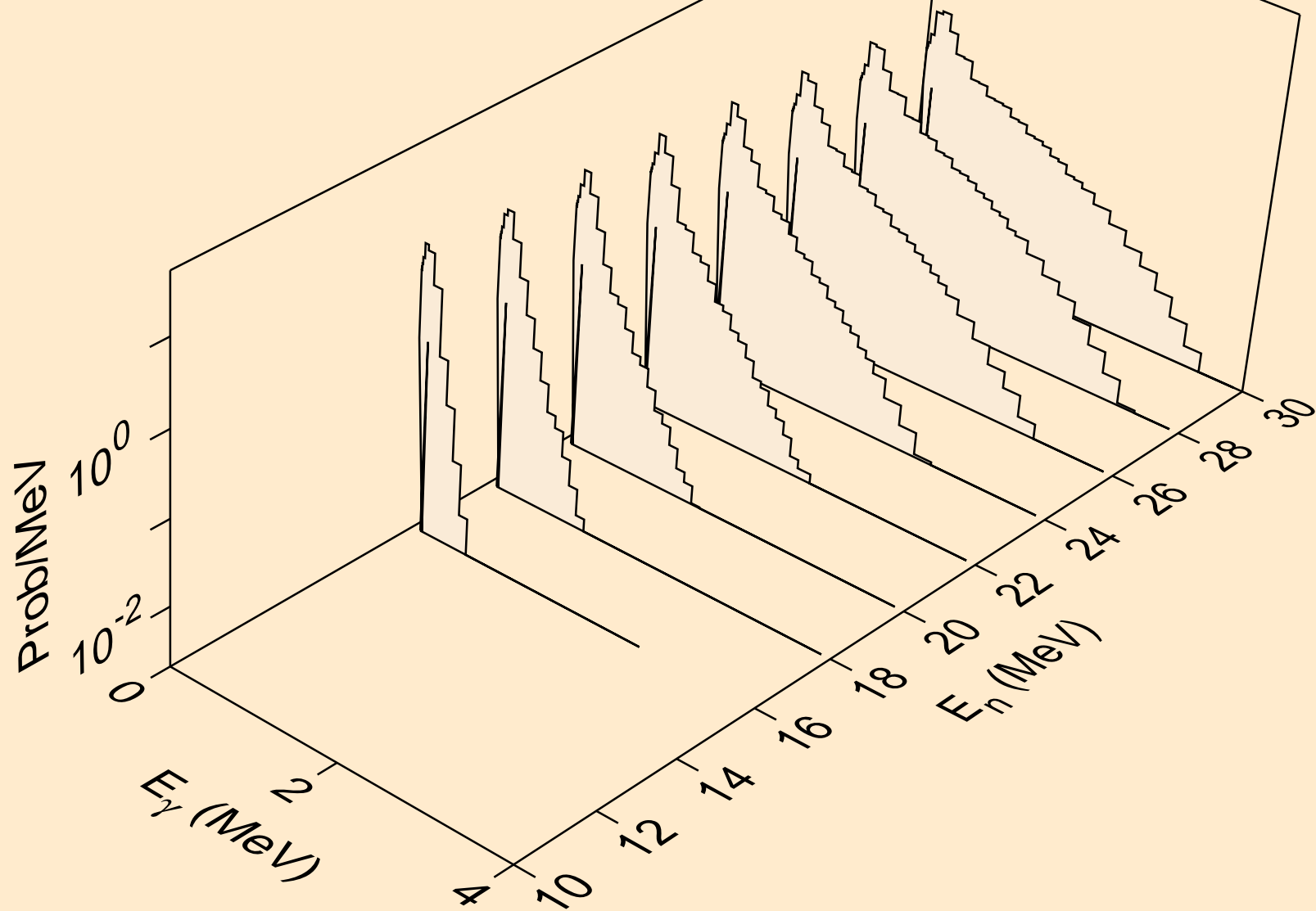
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Photon emission for (n,3n)a



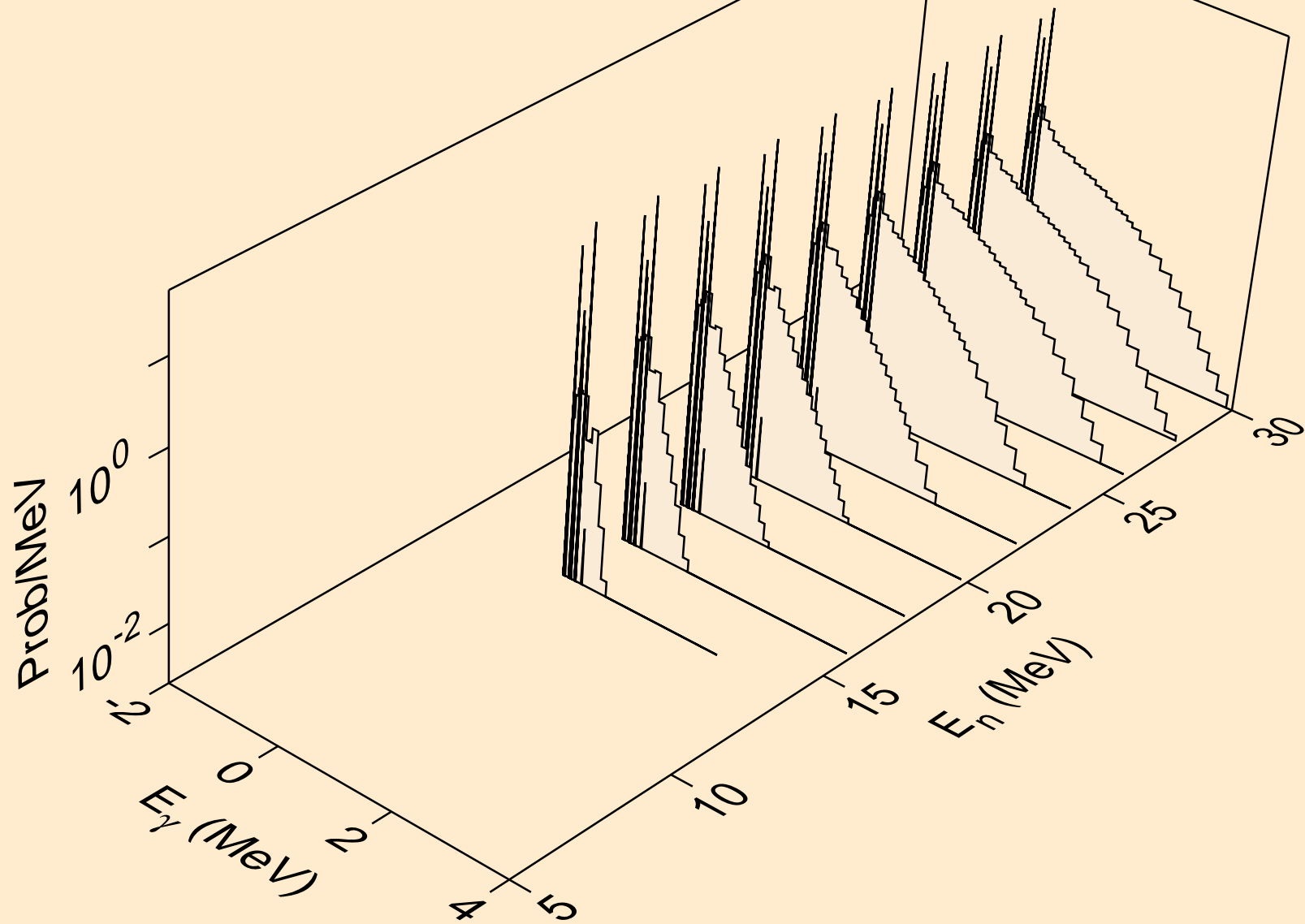
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

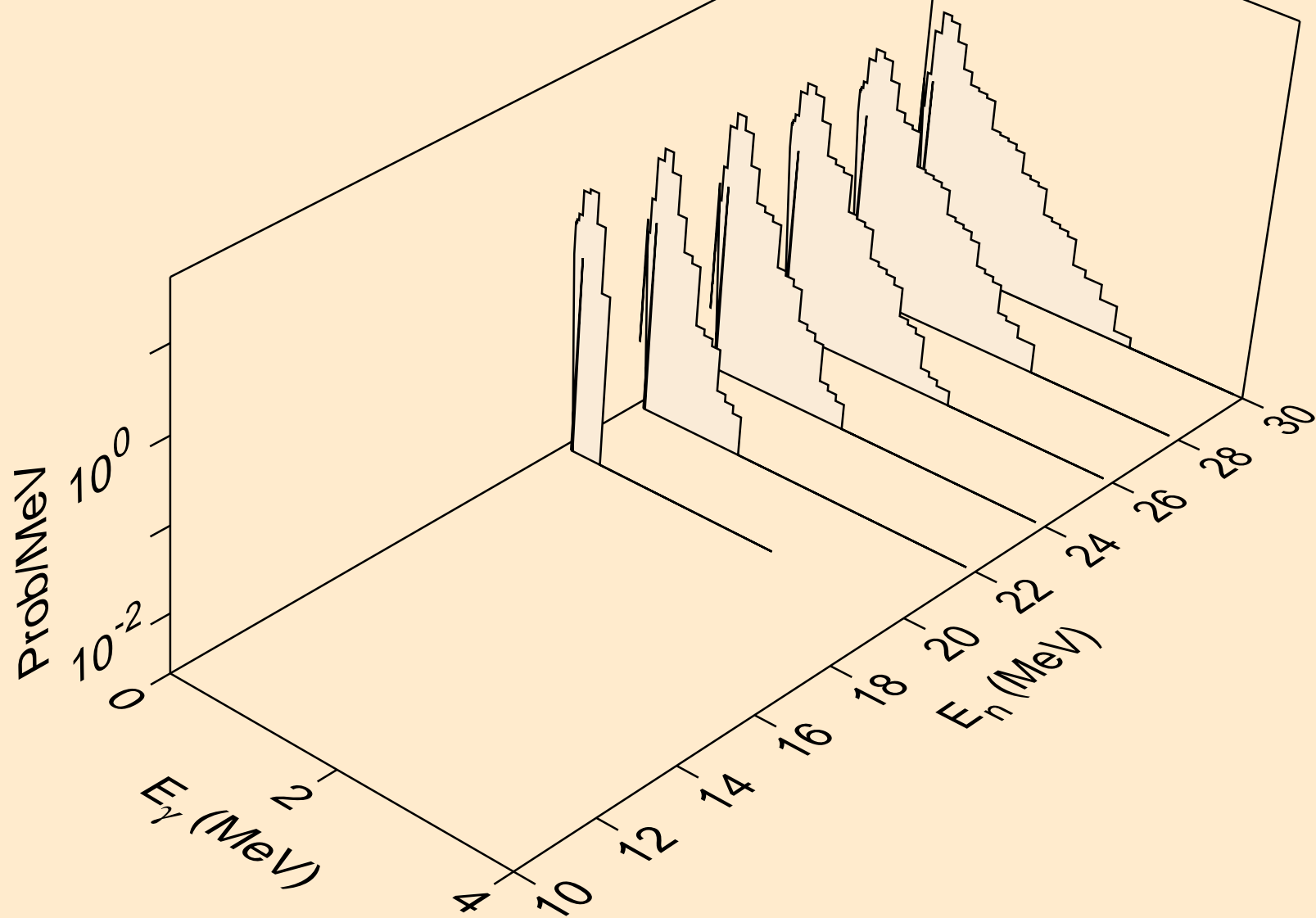


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

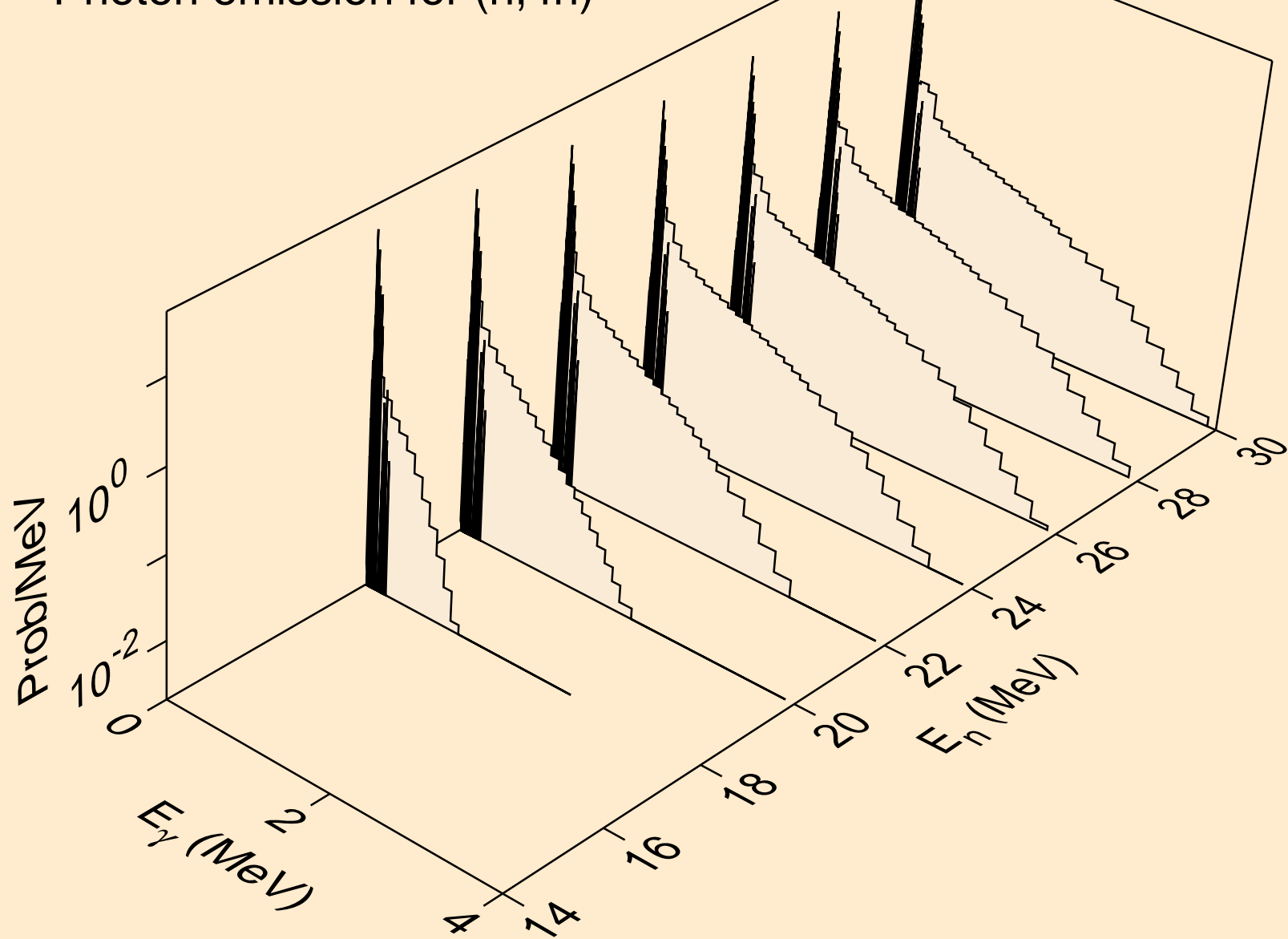




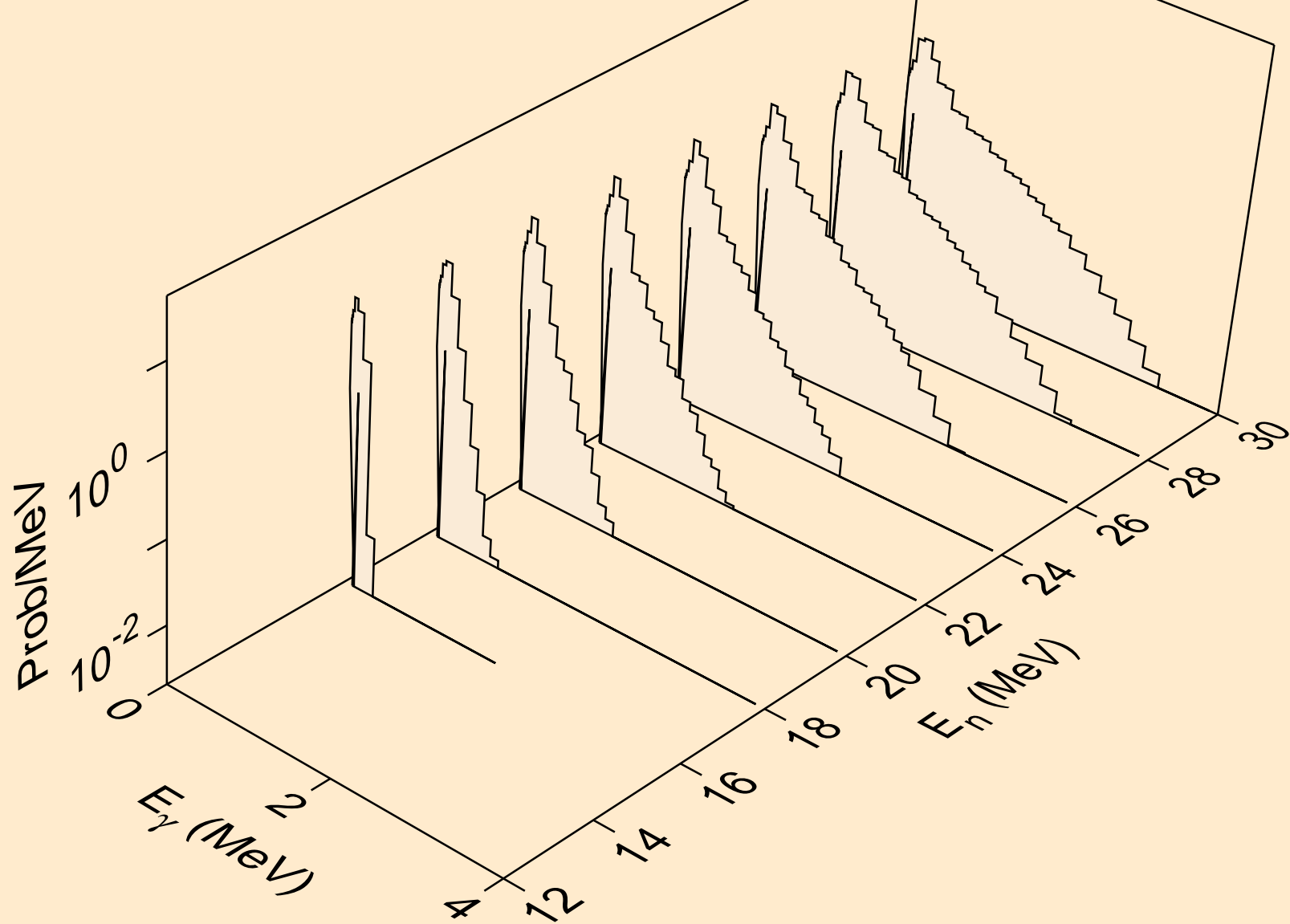
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



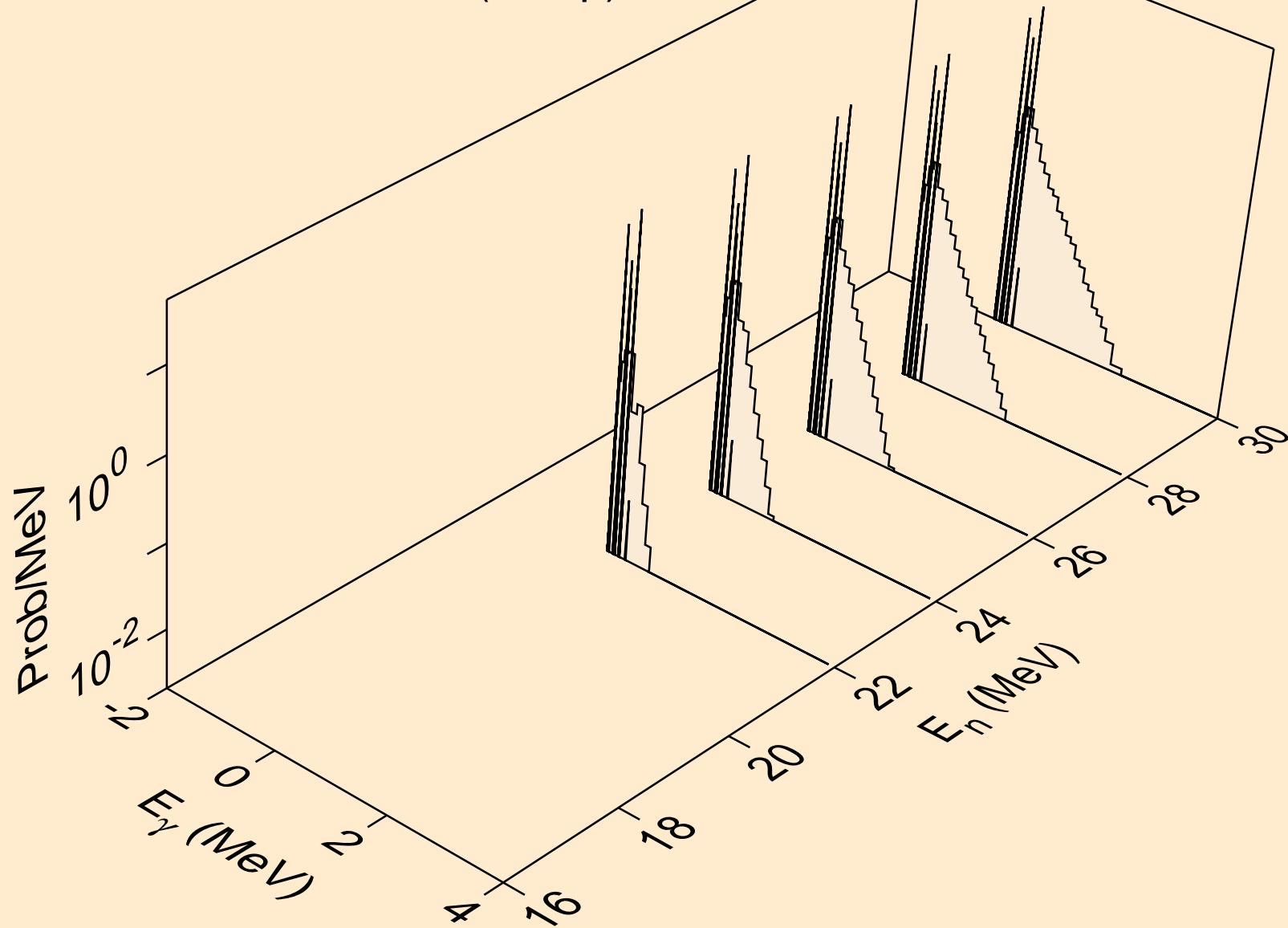
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



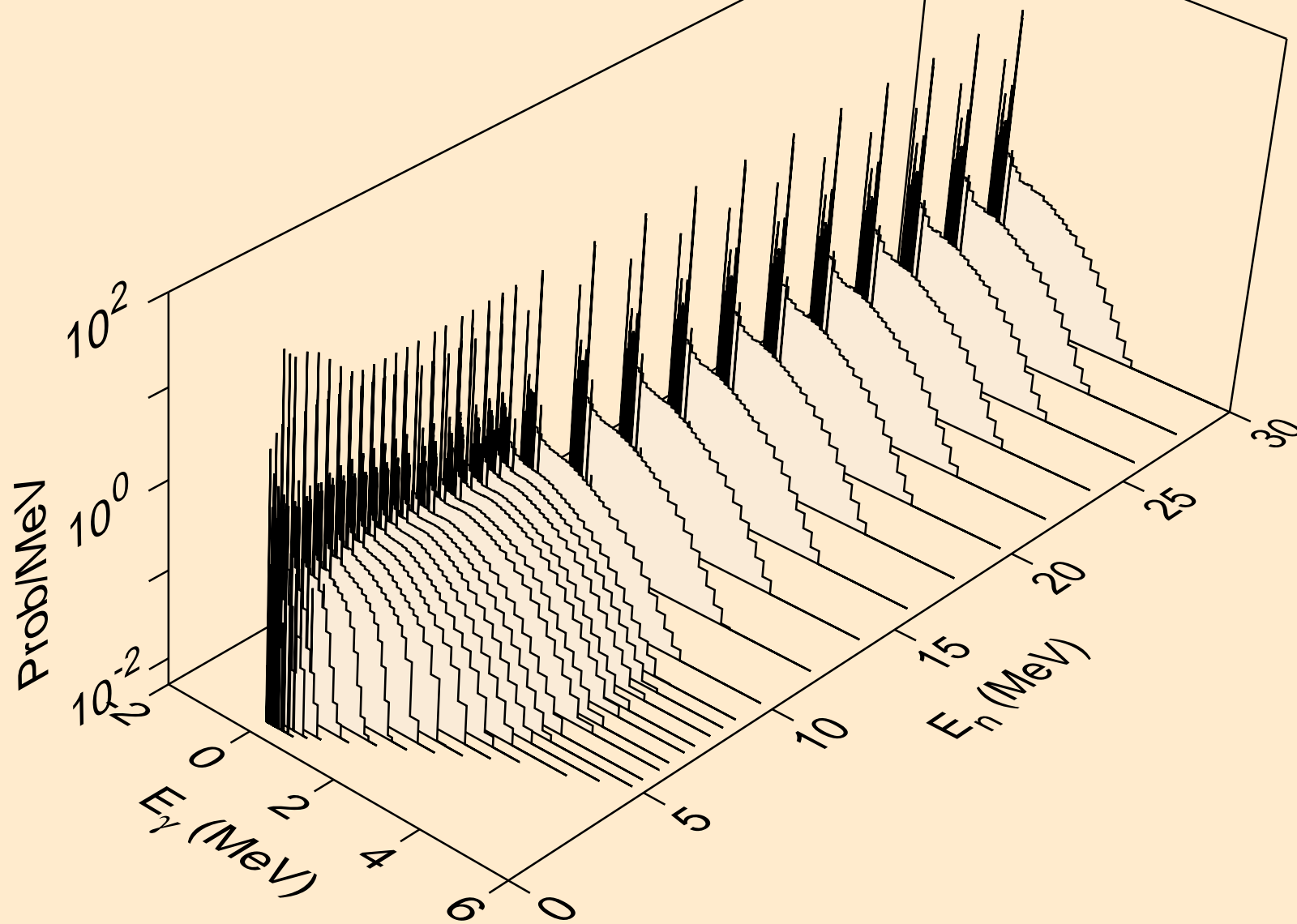
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Photon emission for (n,2np)



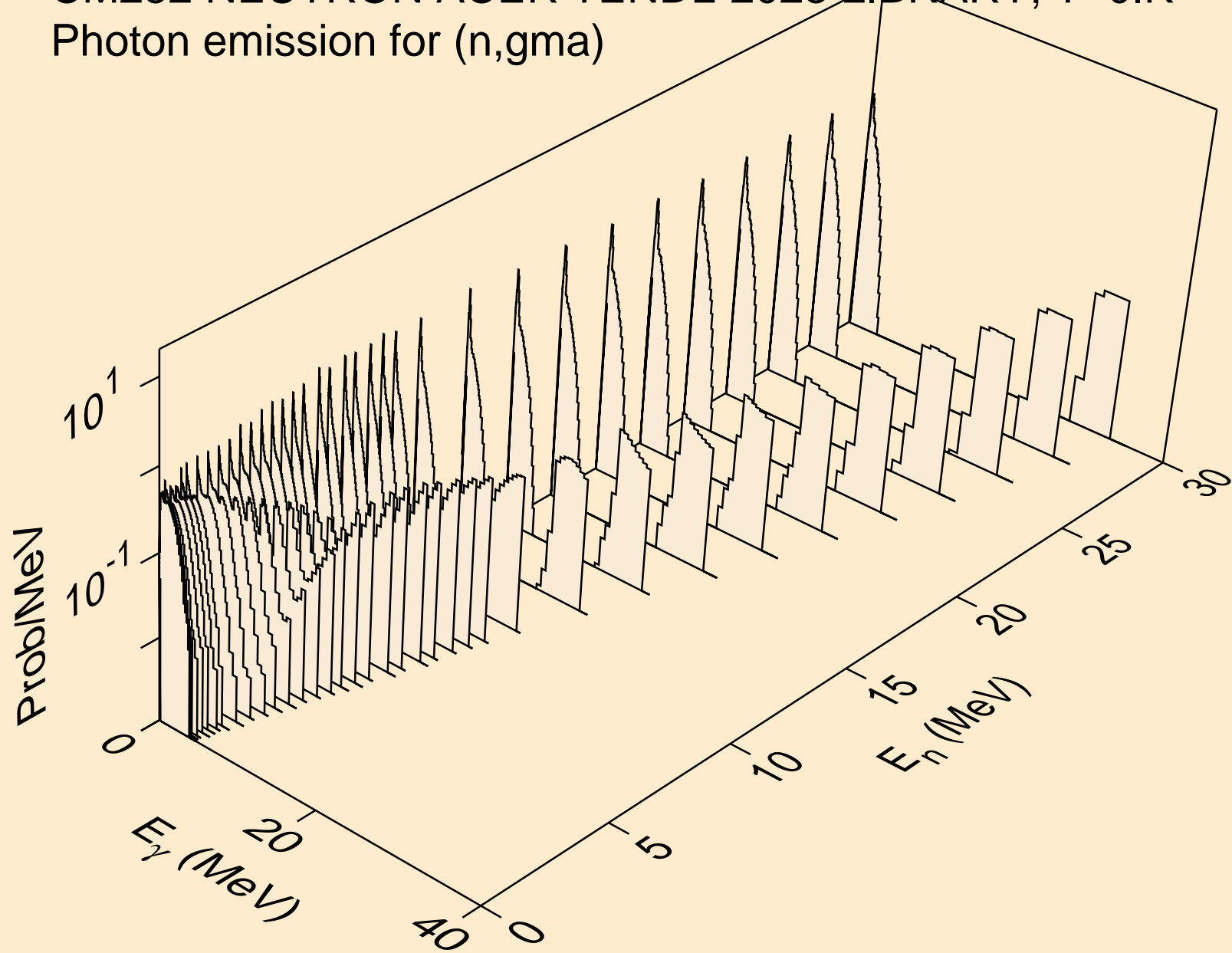
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Photon emission for (n,3np)



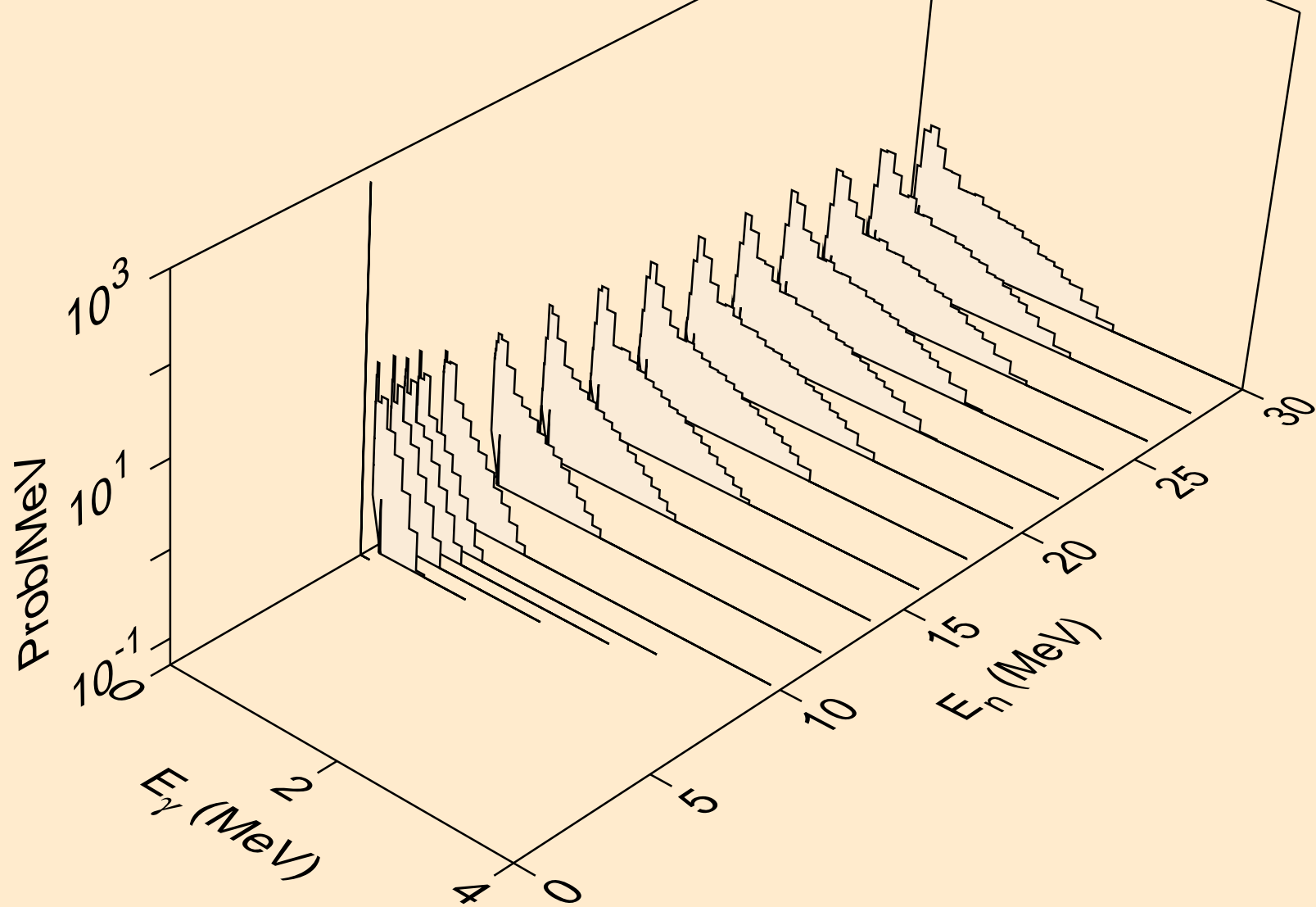
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



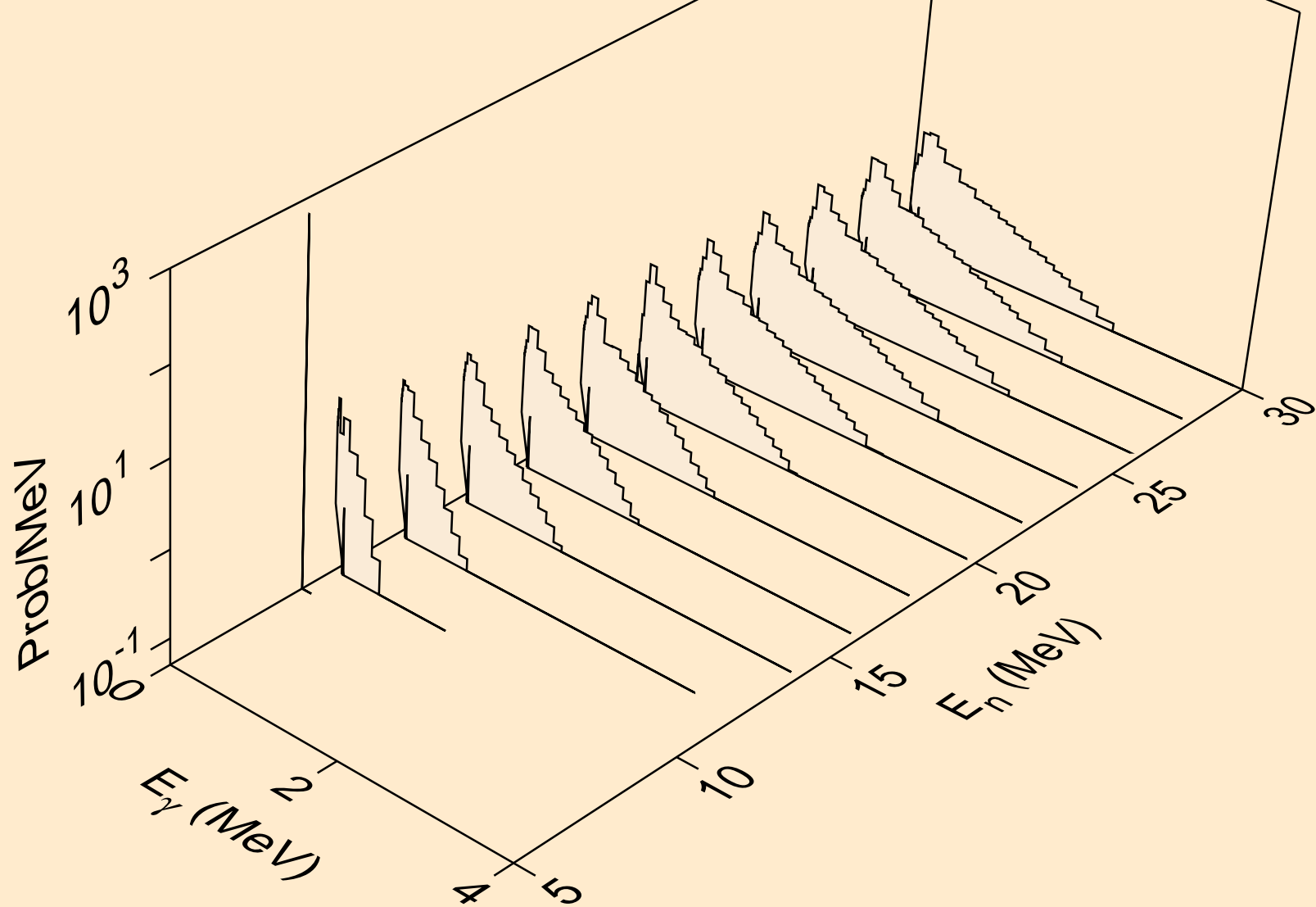
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

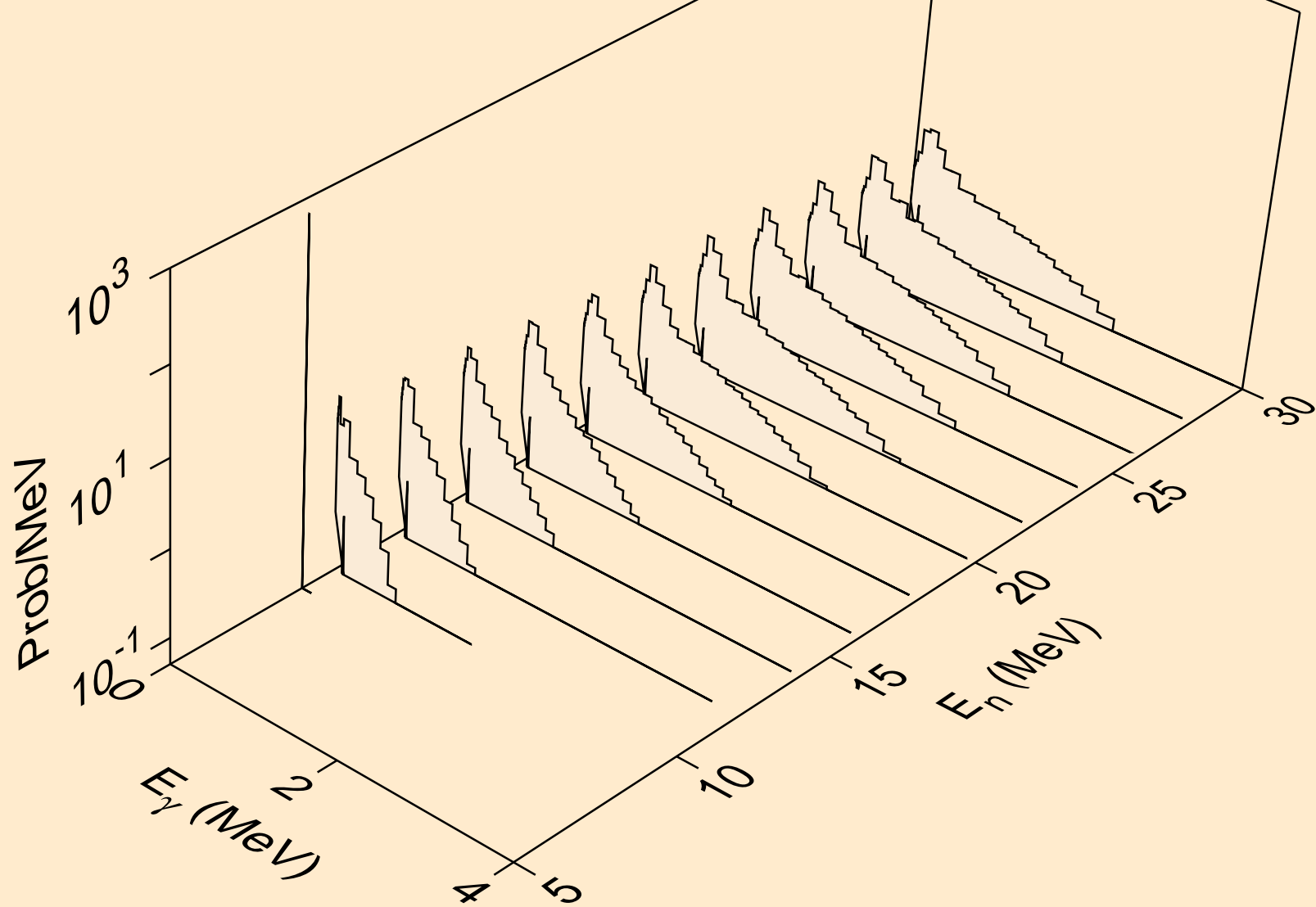


CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

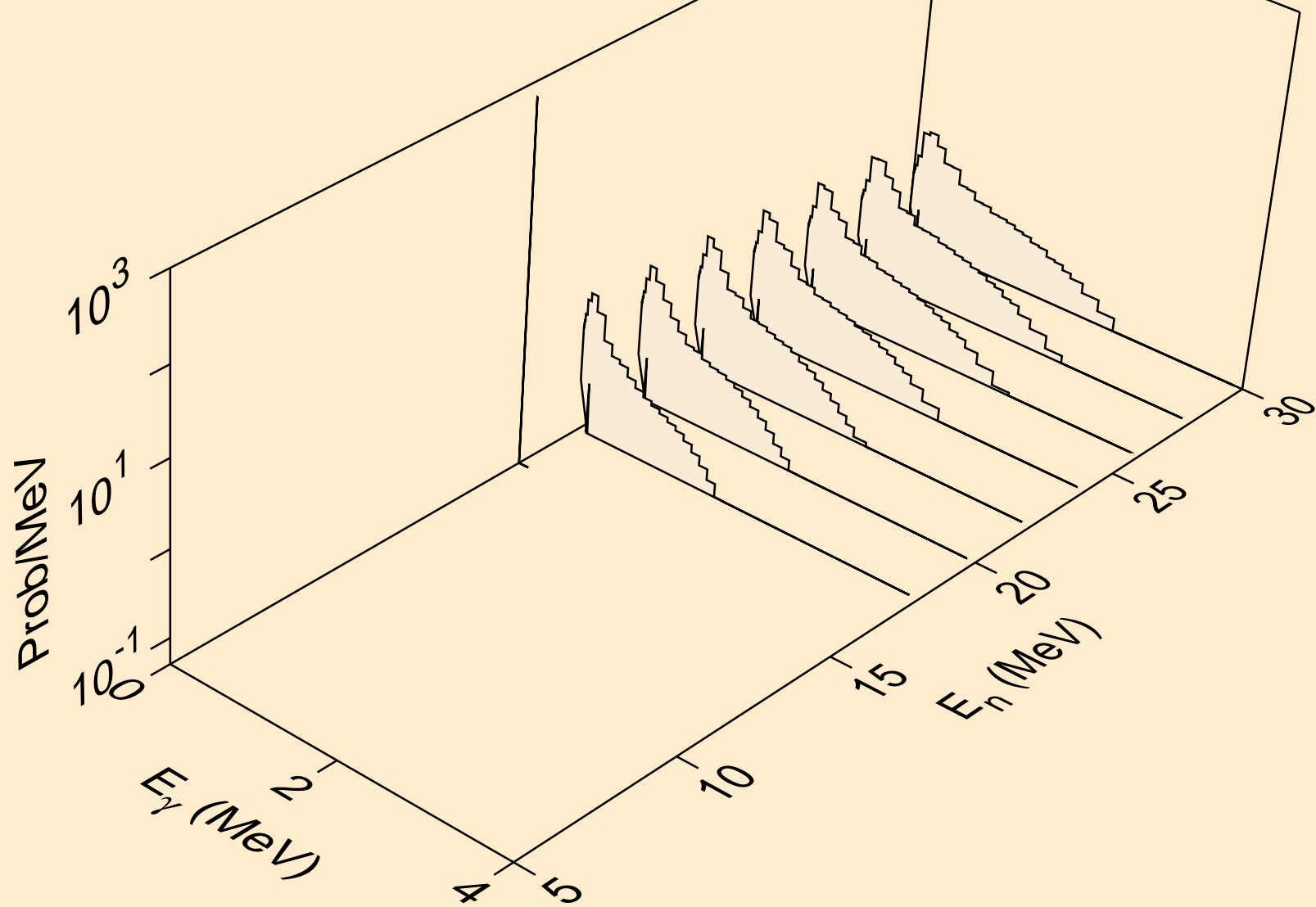




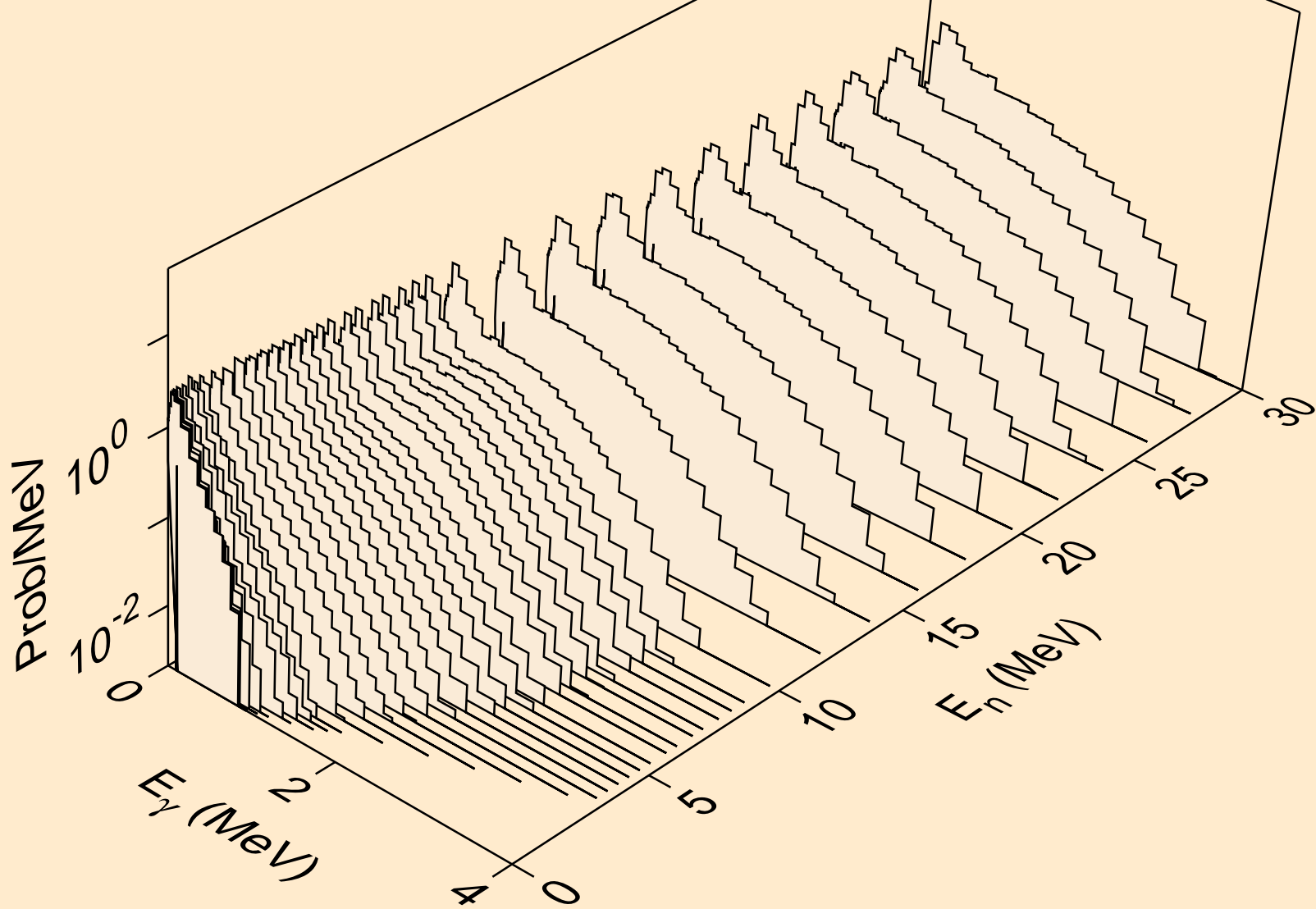
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Photon emission for (n,t)



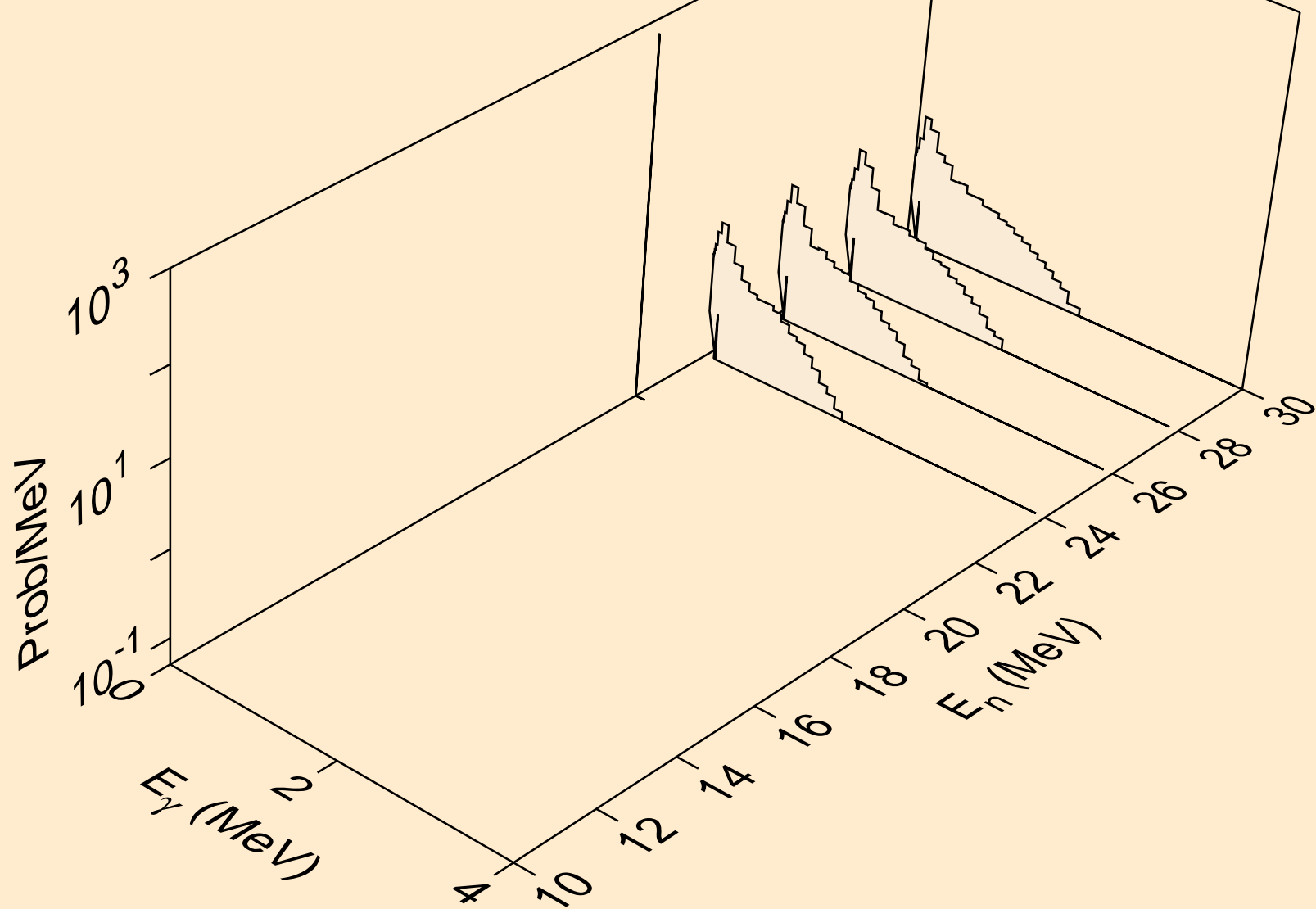
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Photon emission for (n,he3)



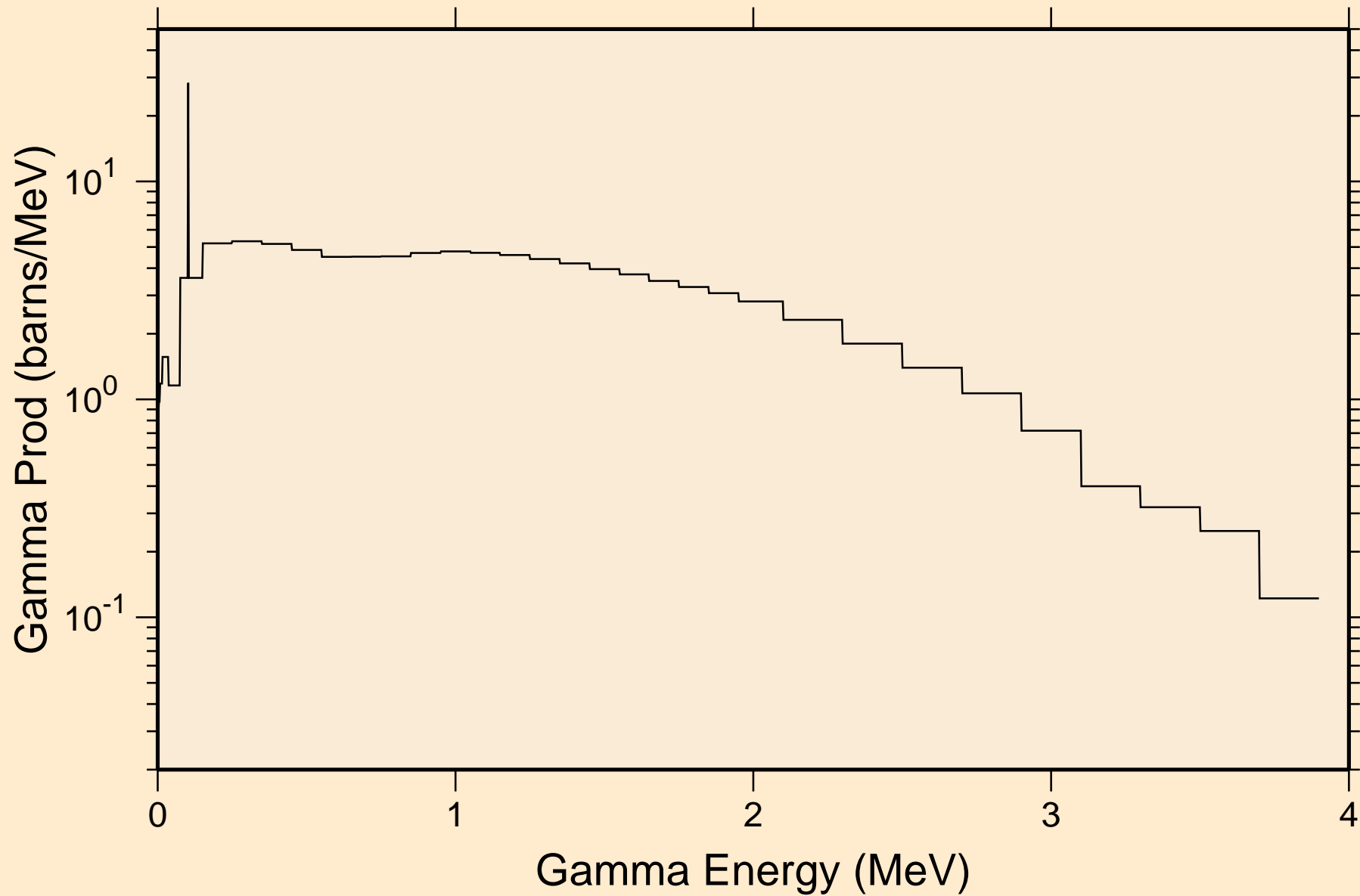
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Photon emission for (n,a)



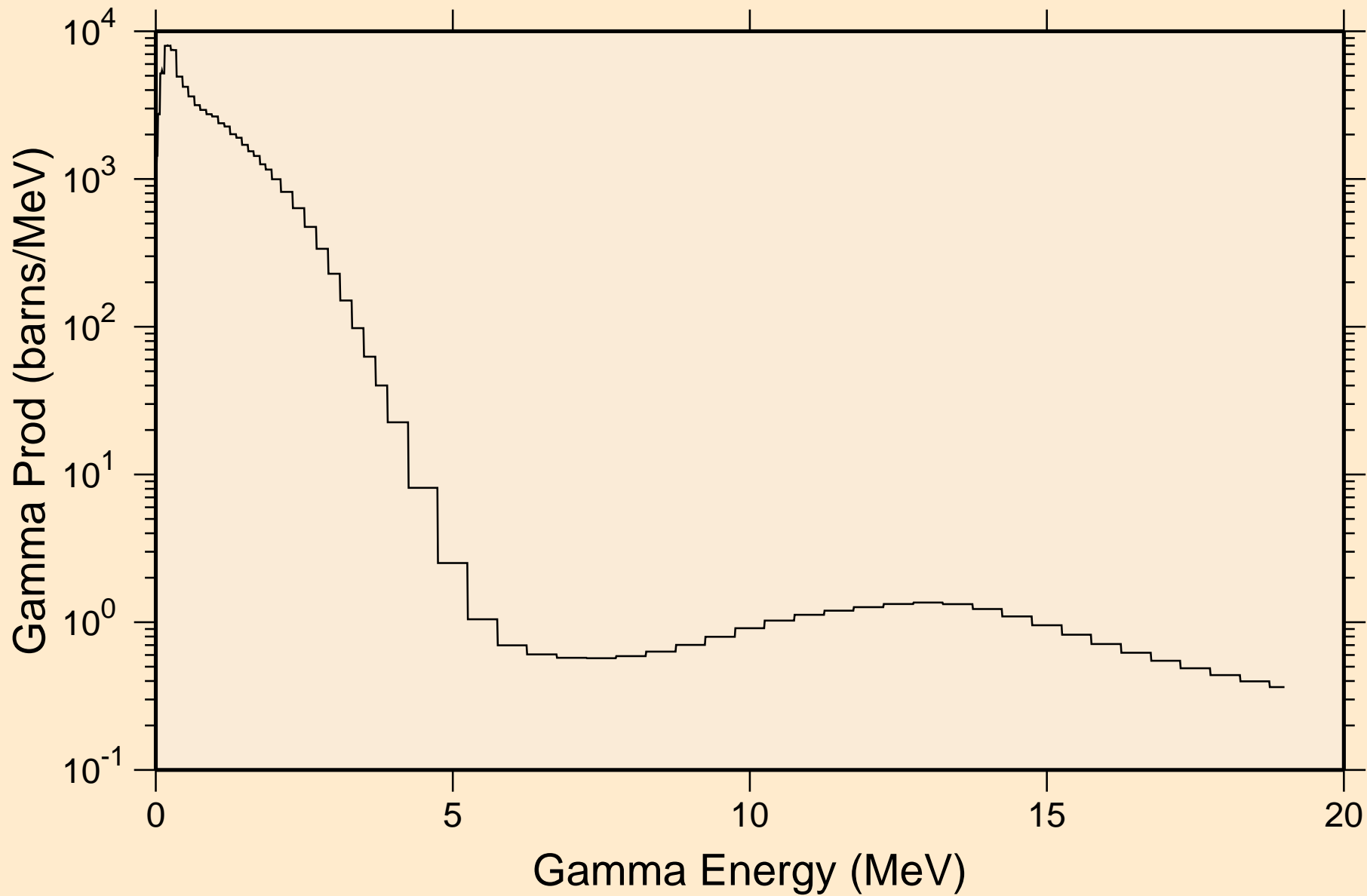
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
thermal capture photon spectrum

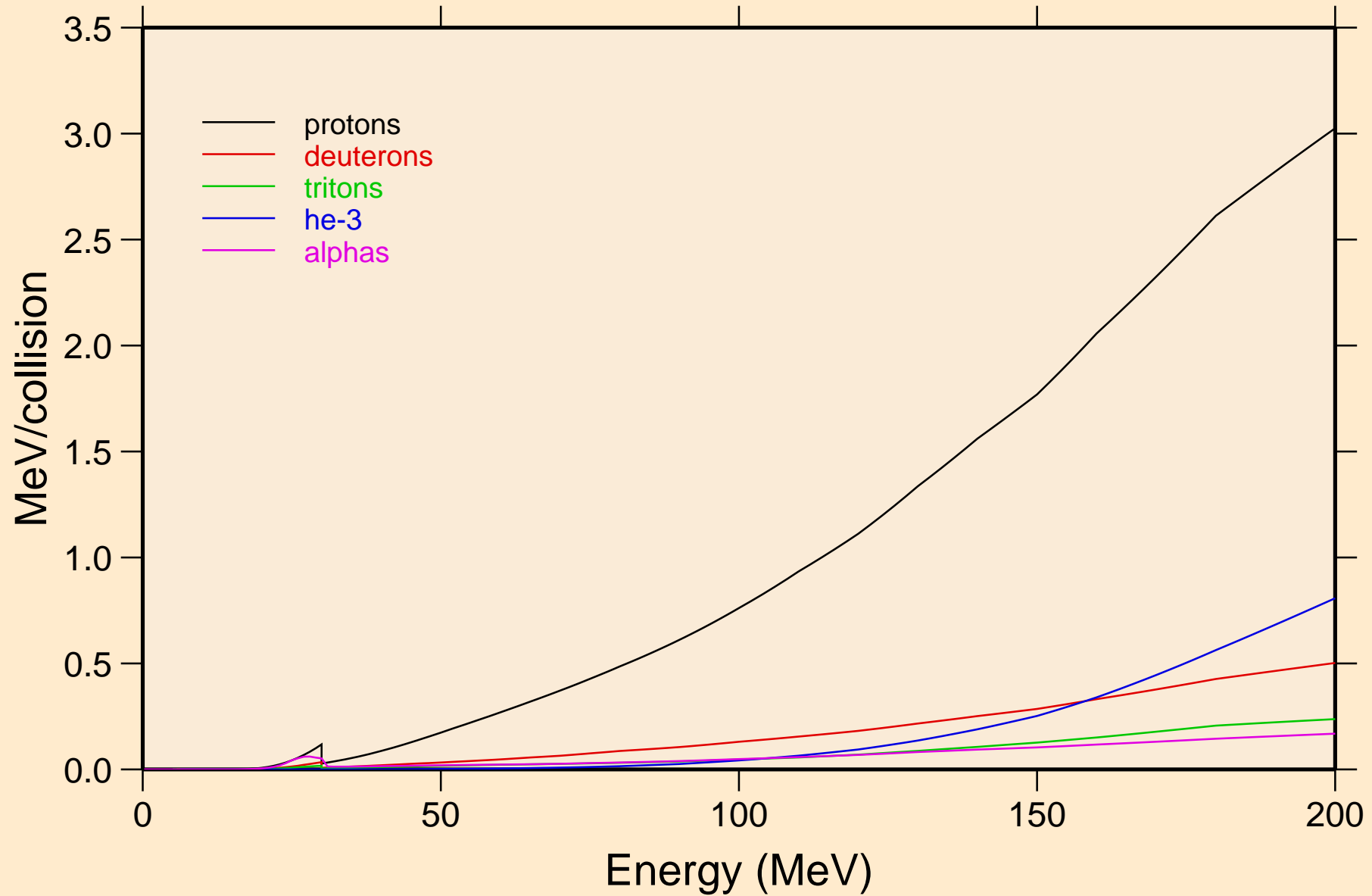


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14 MeV photon spectrum

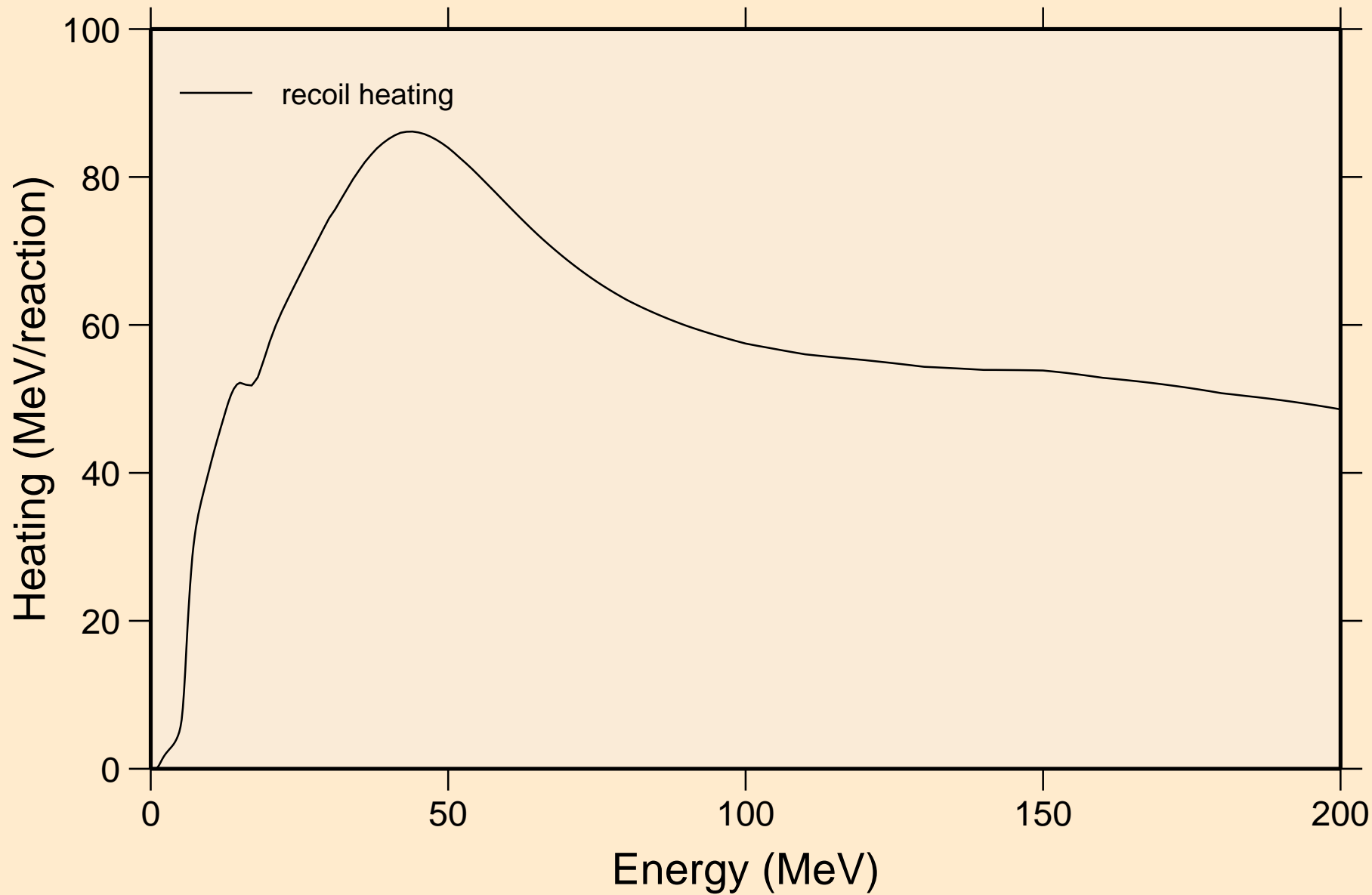


# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



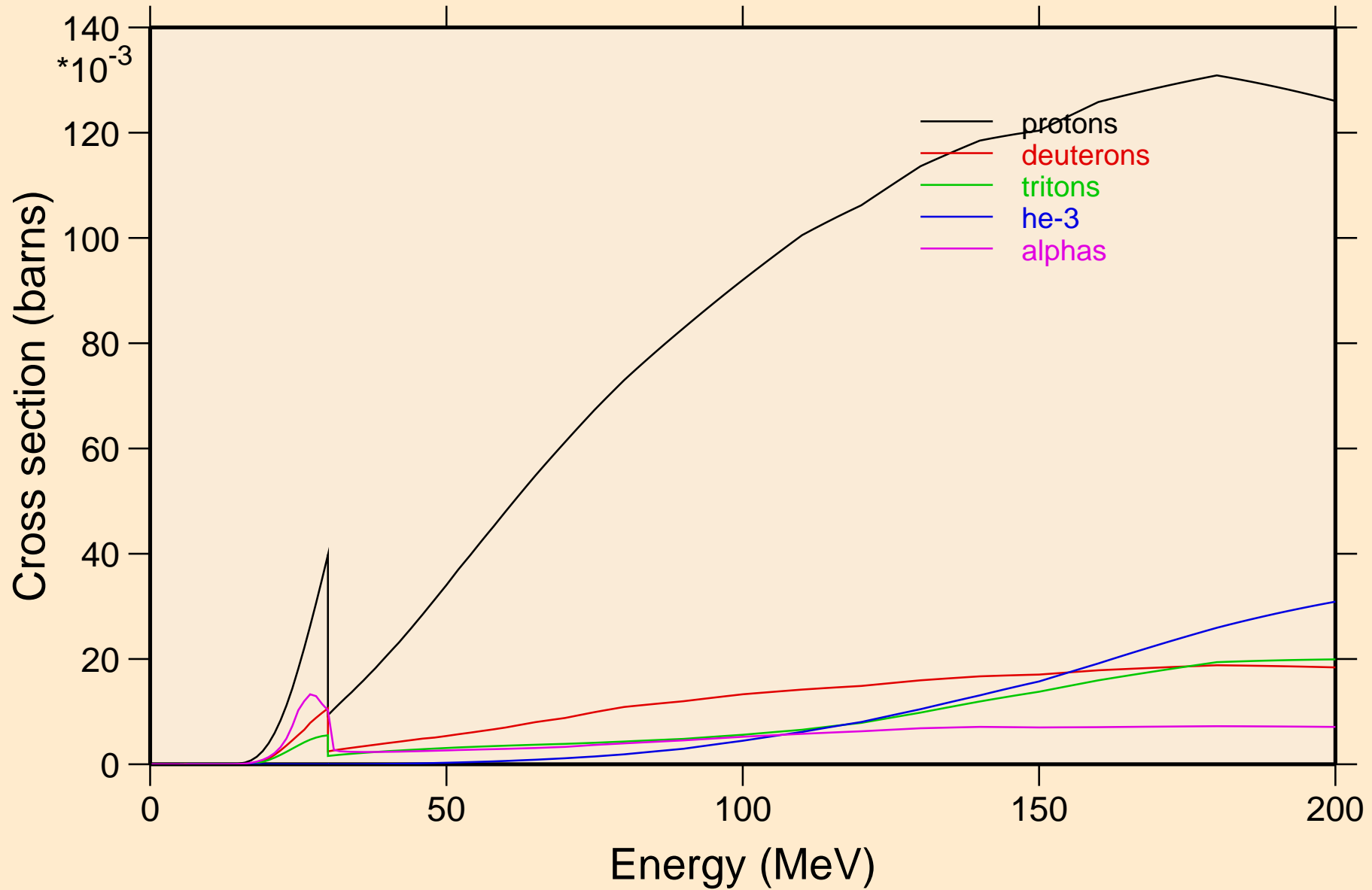
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Recoil Heating



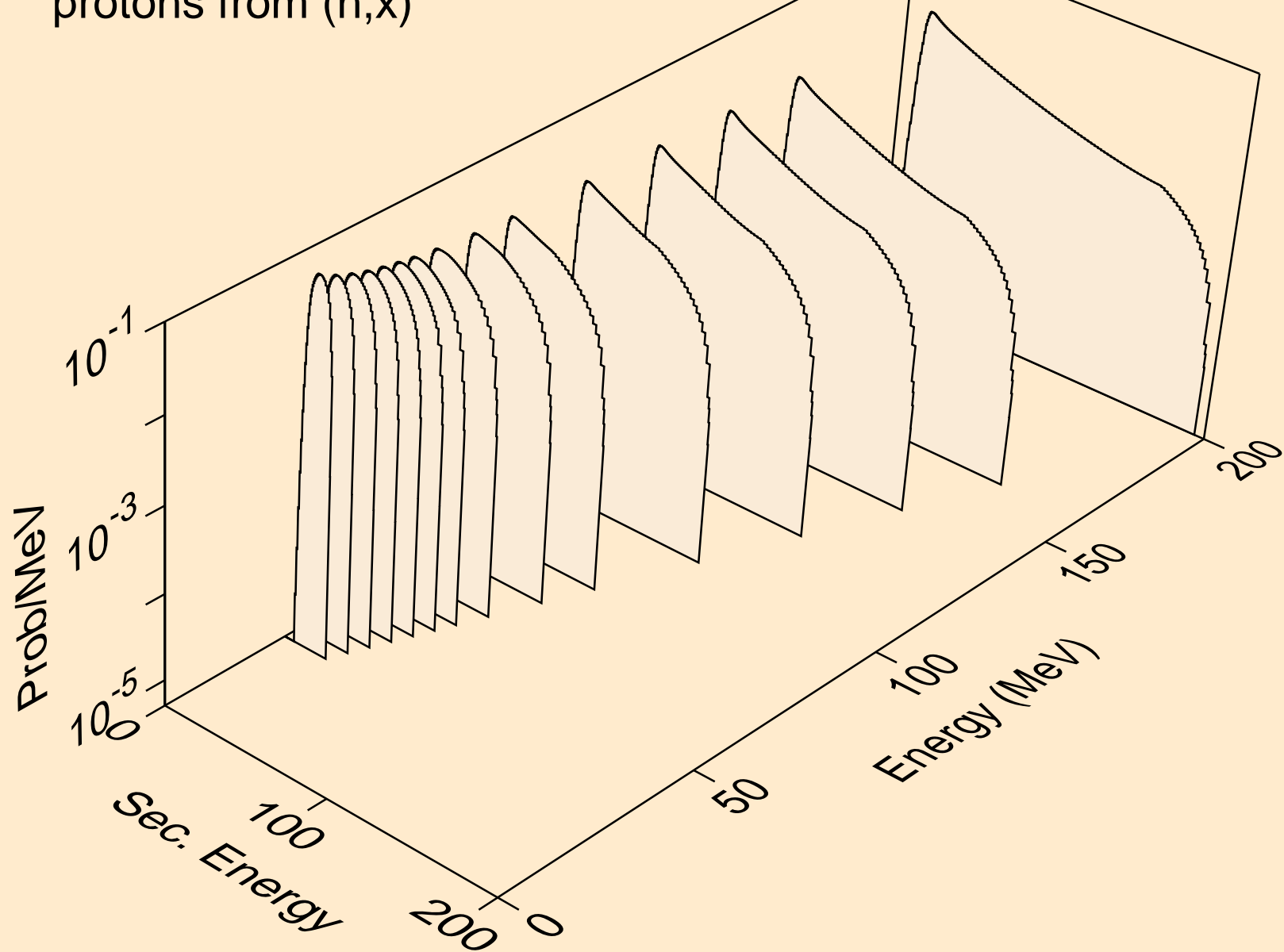


# CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

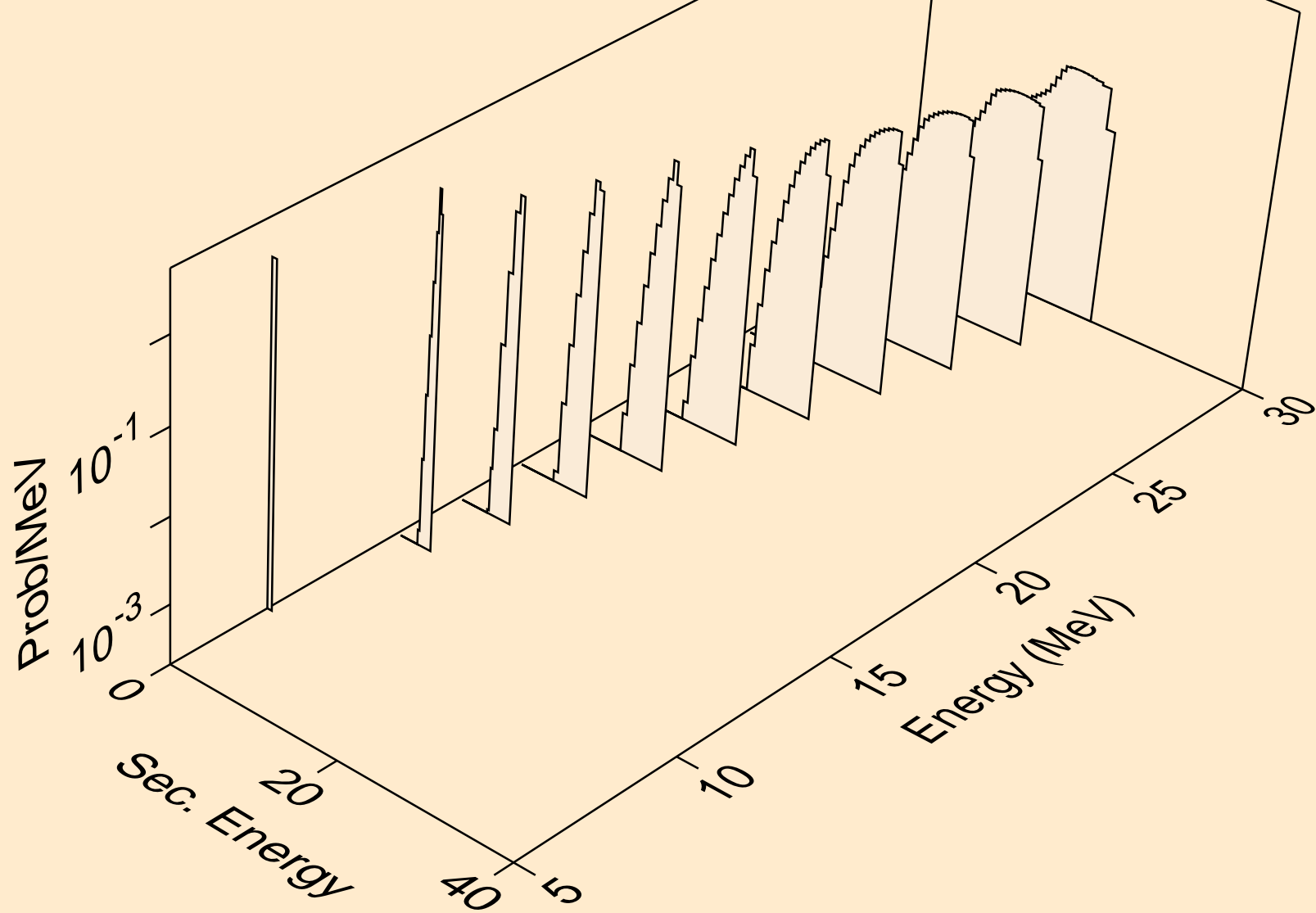
## Particle production cross sections



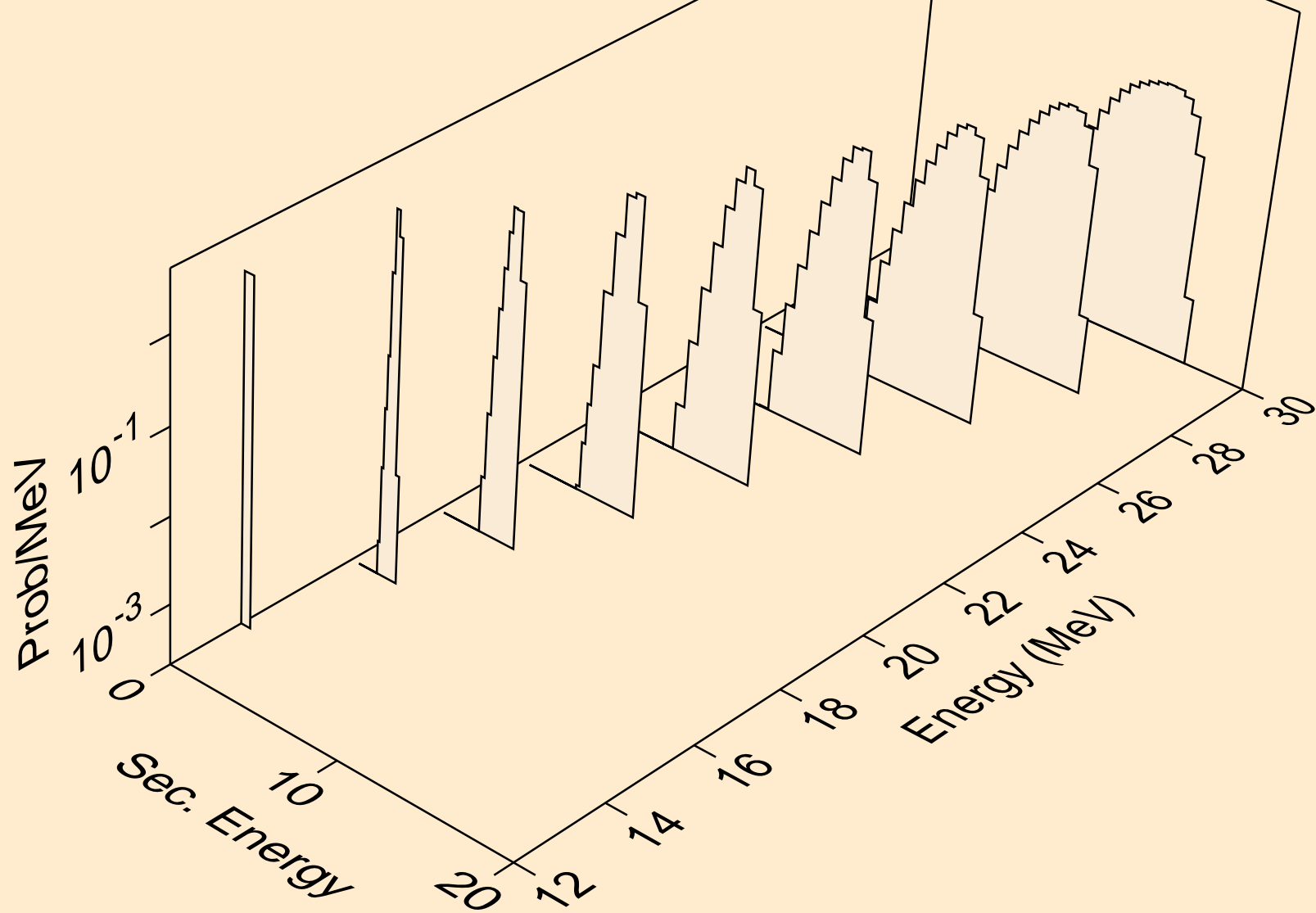
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,x)



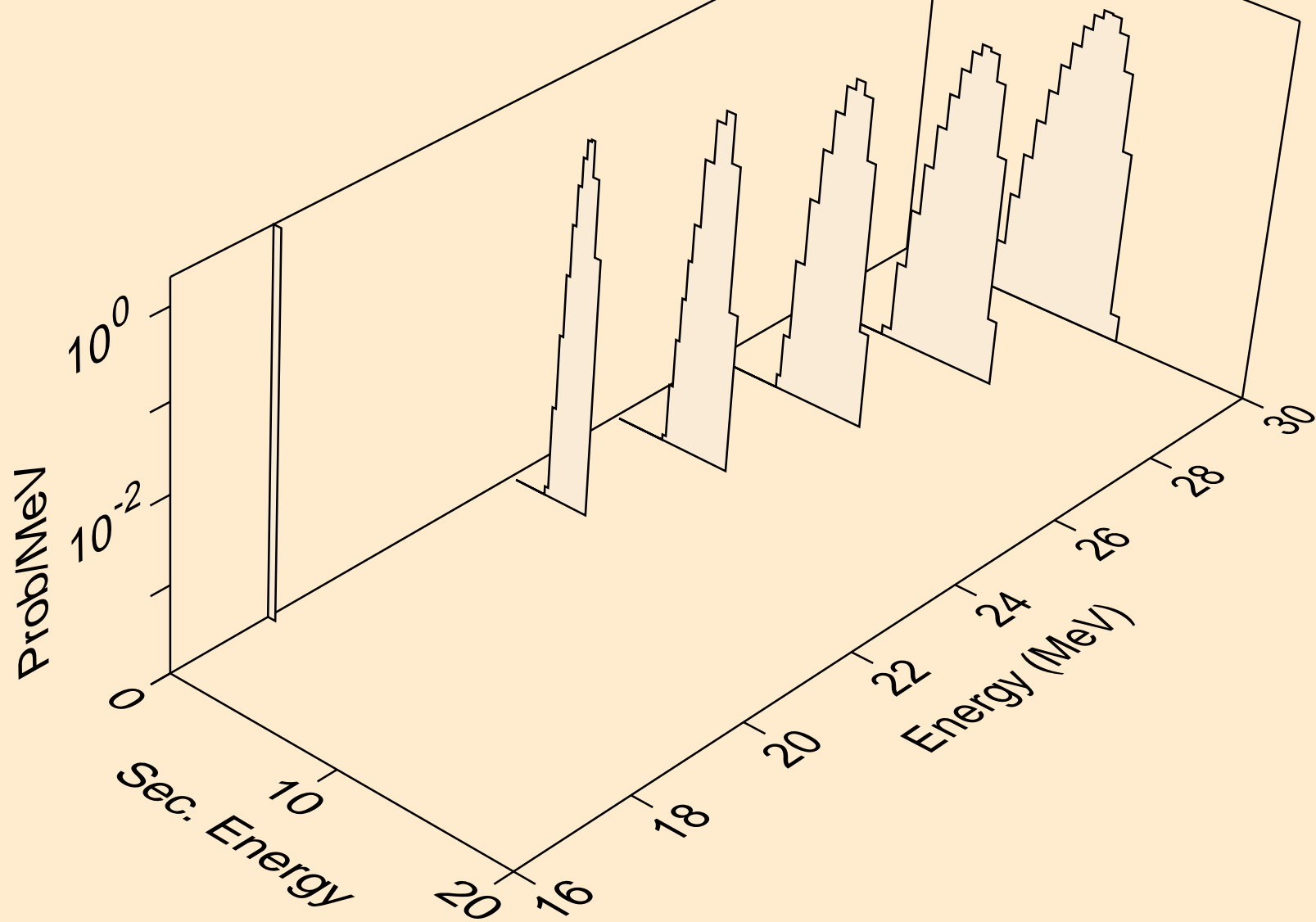
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,n\*)p



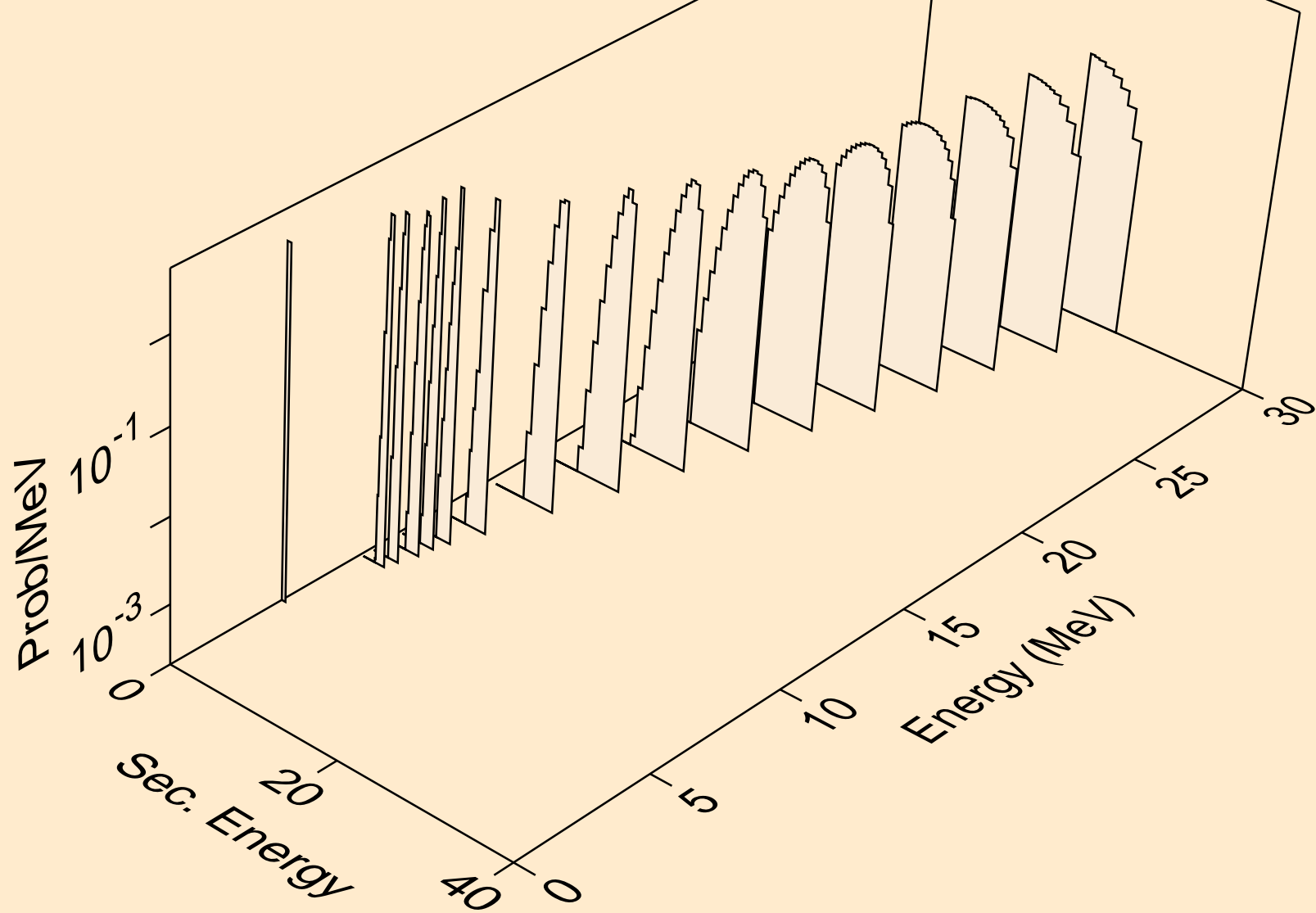
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protons from (n,2np)



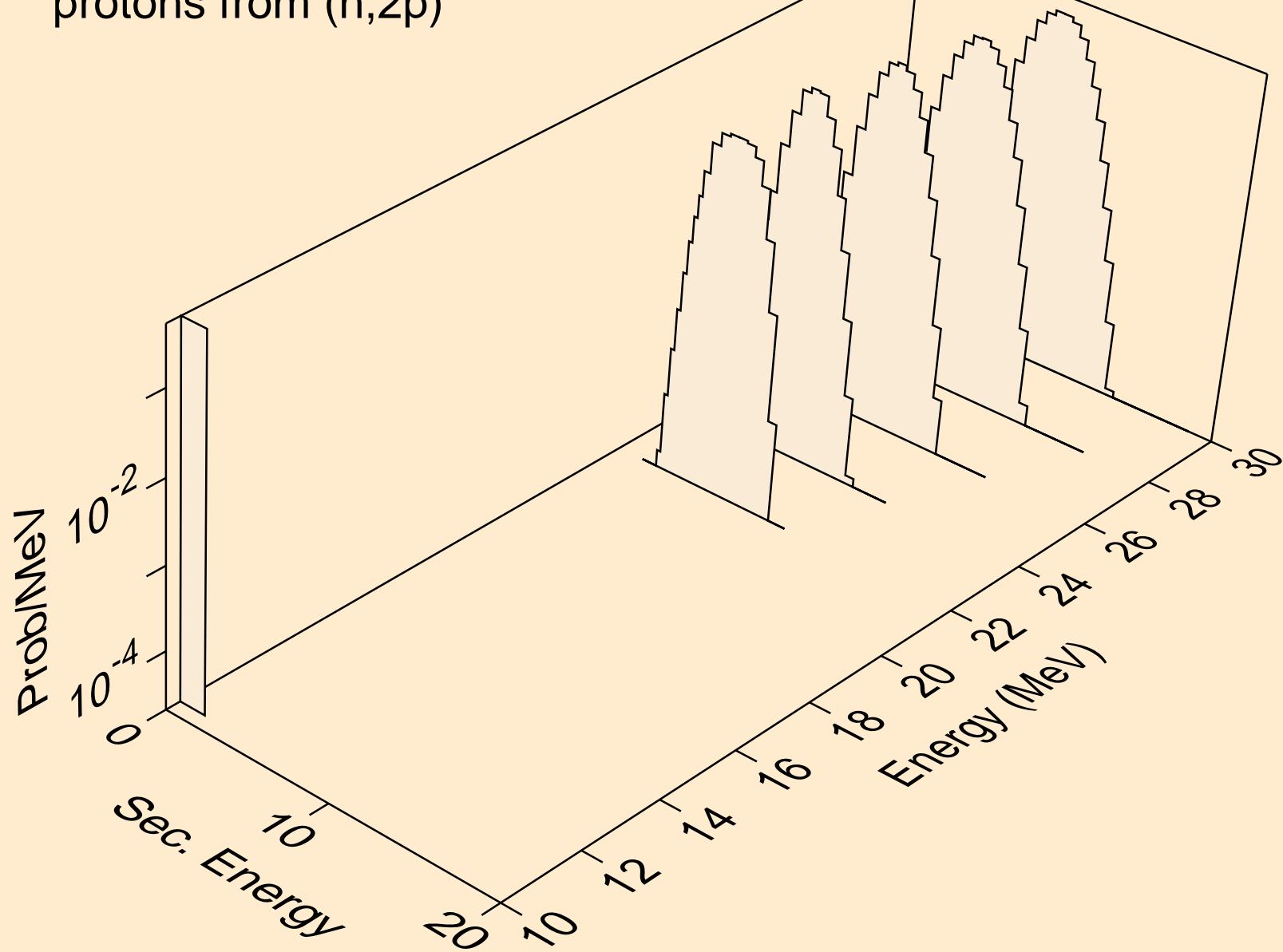
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protons from (n,3np)



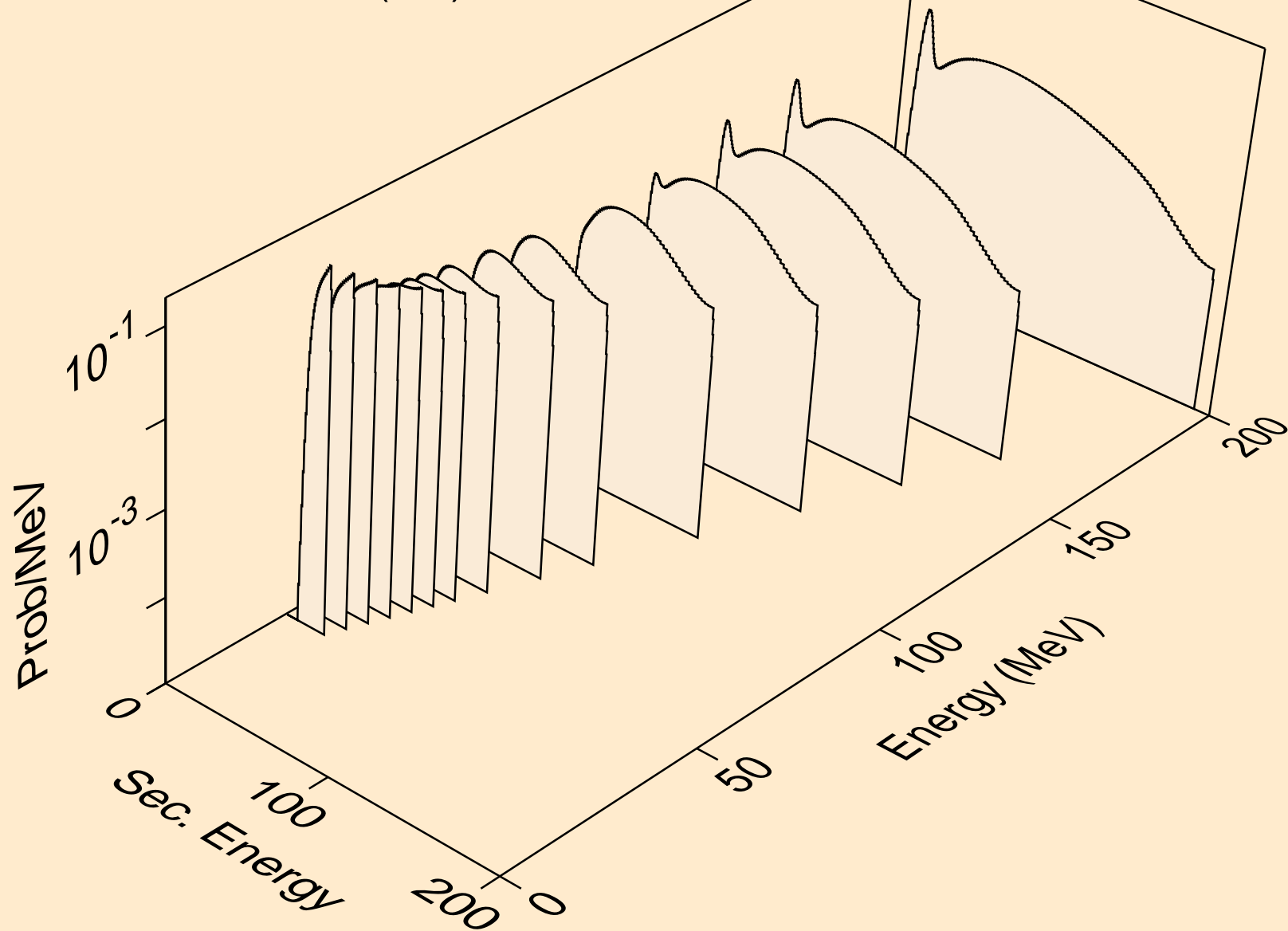
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protons from (n,p)



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
protons from (n,2p)

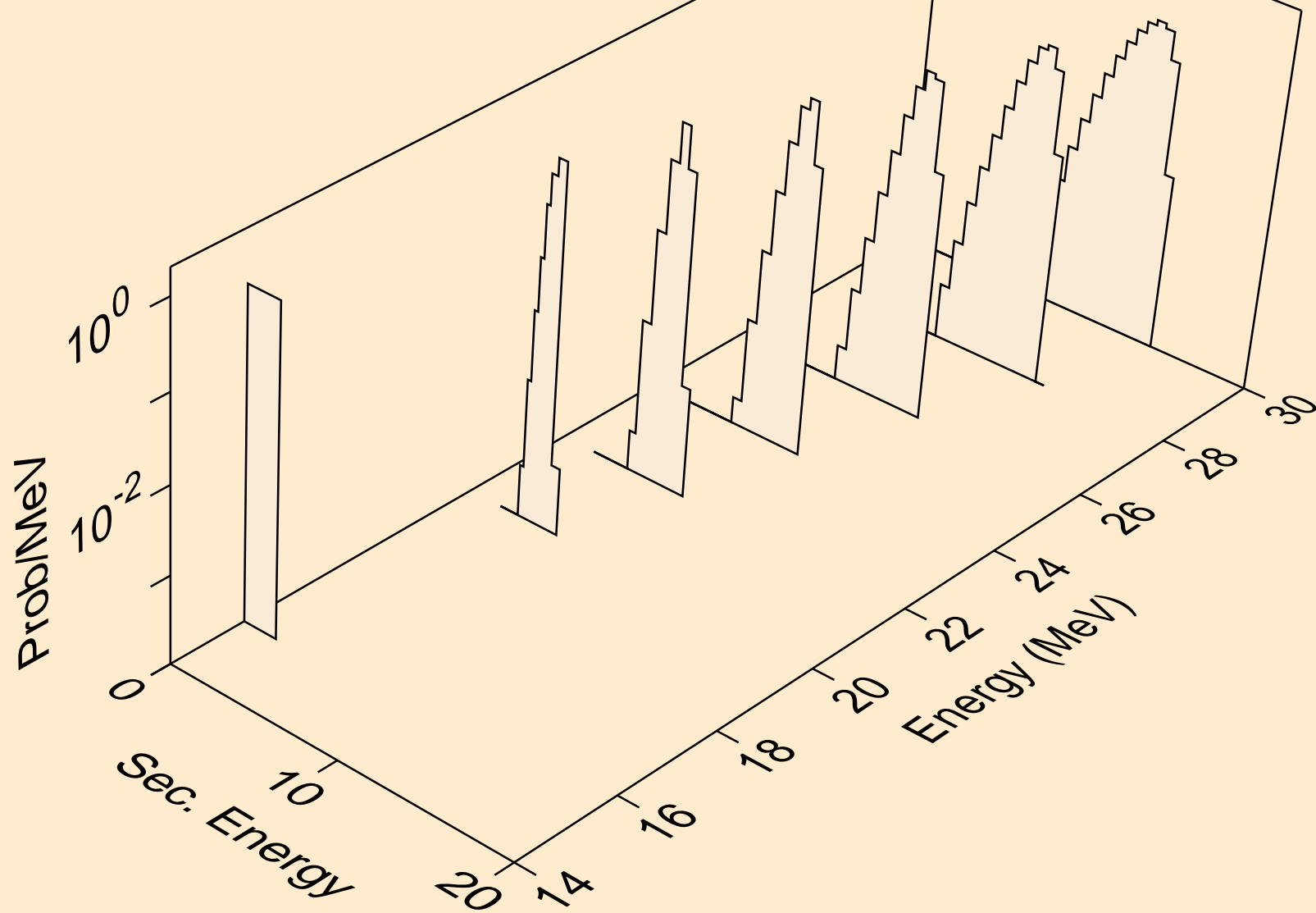


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deuterons from (n,x)

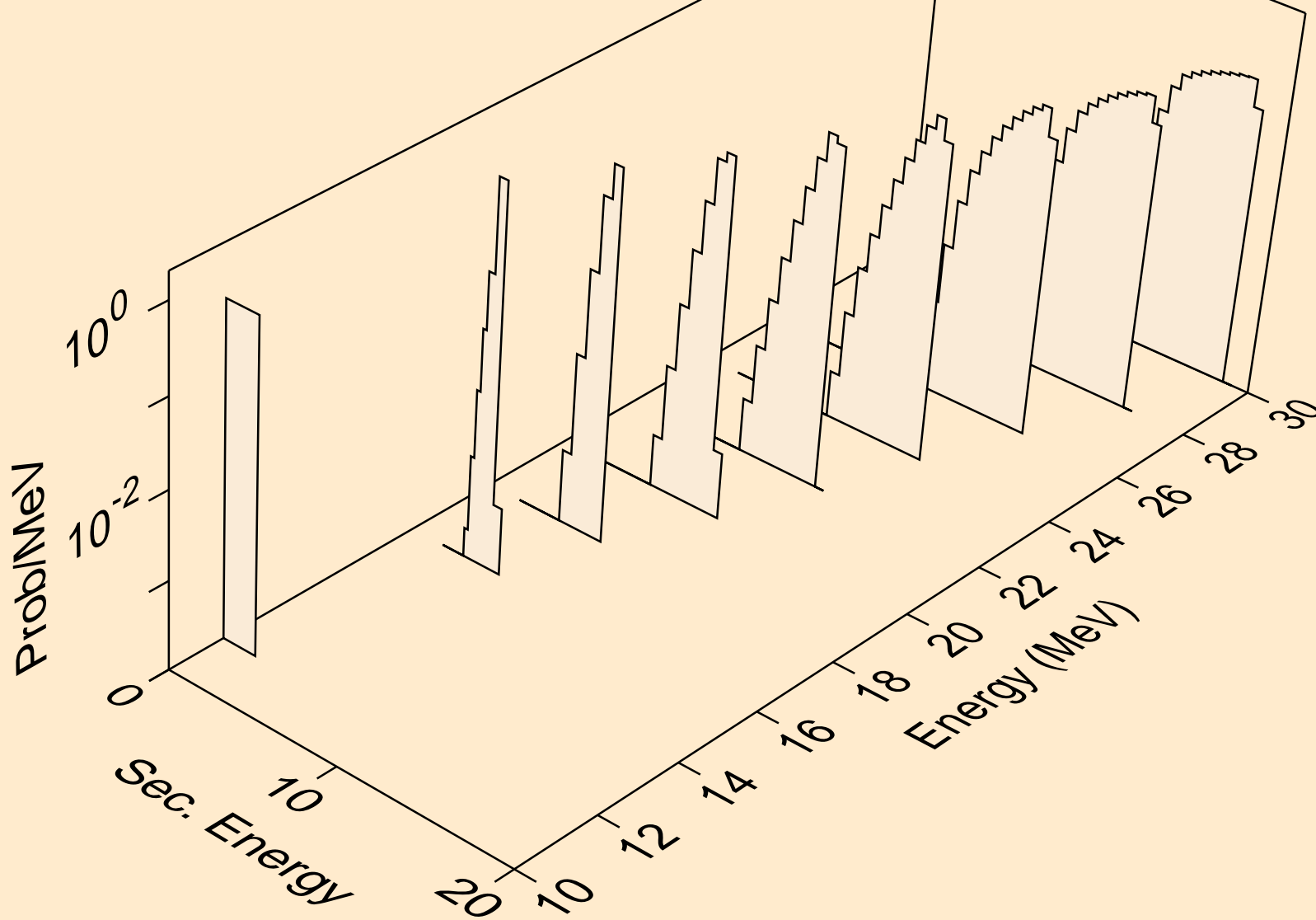




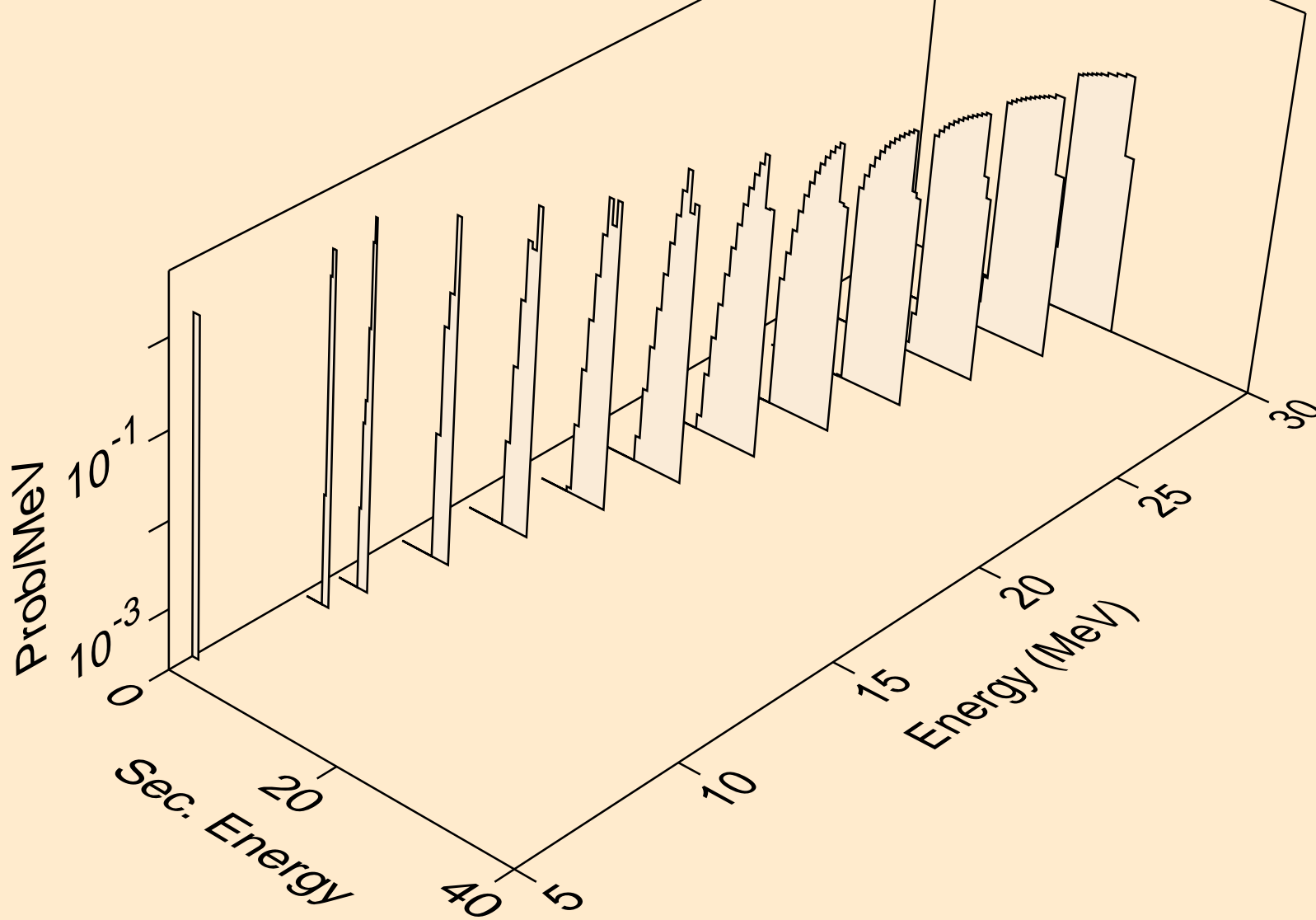
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deuterons from (n,2nd)



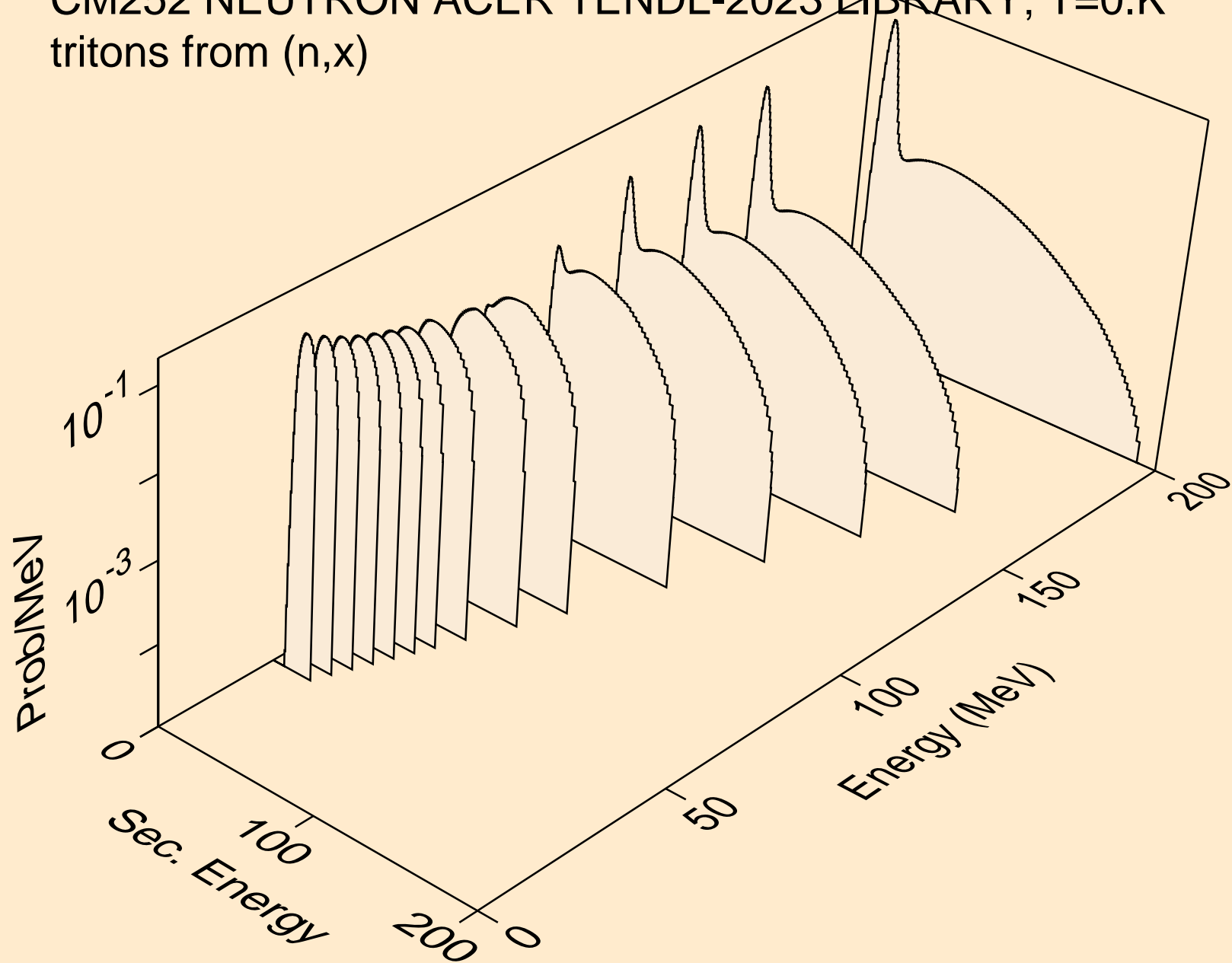
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deuterons from (n,n\*)d



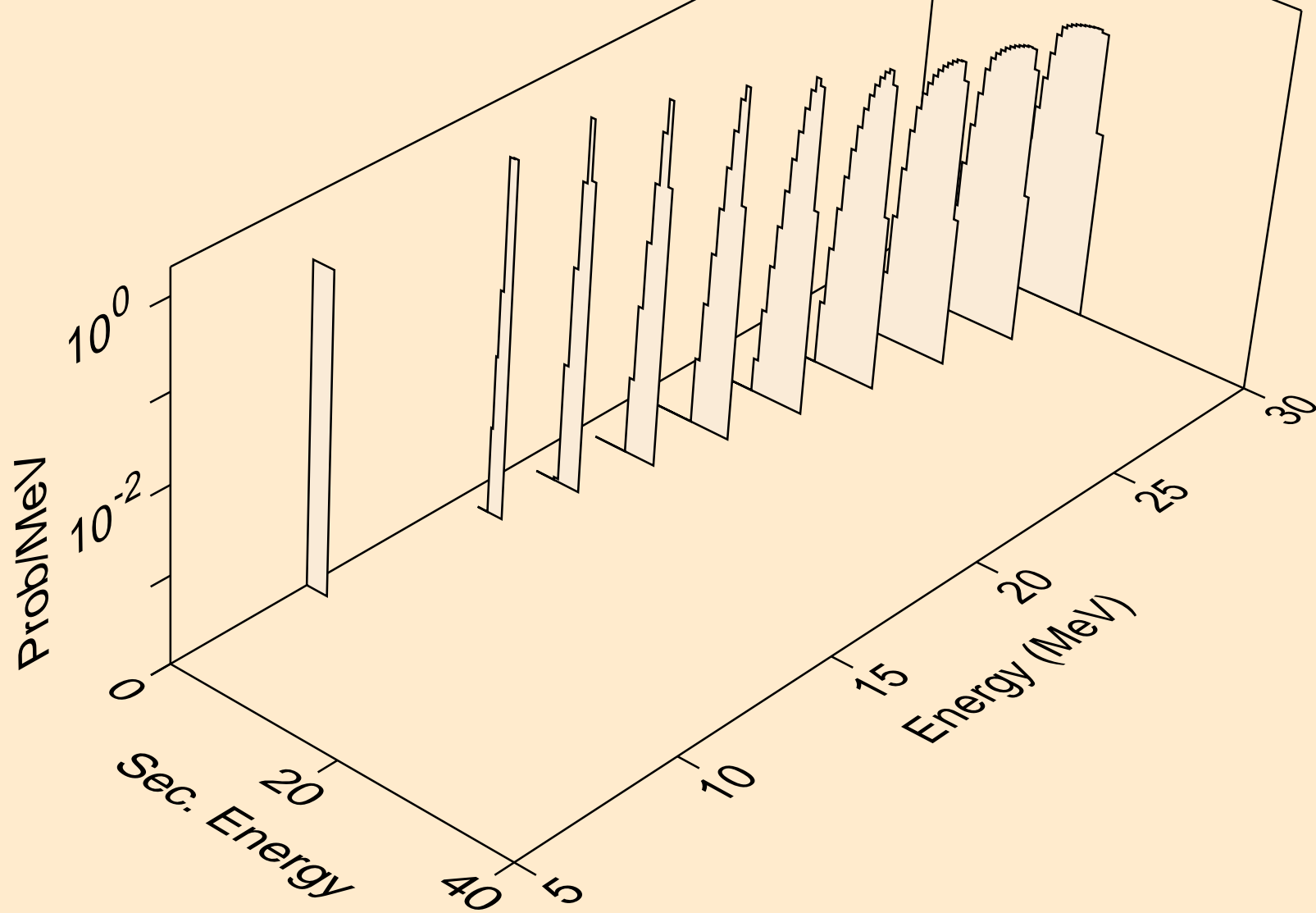
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deuterons from (n,d)



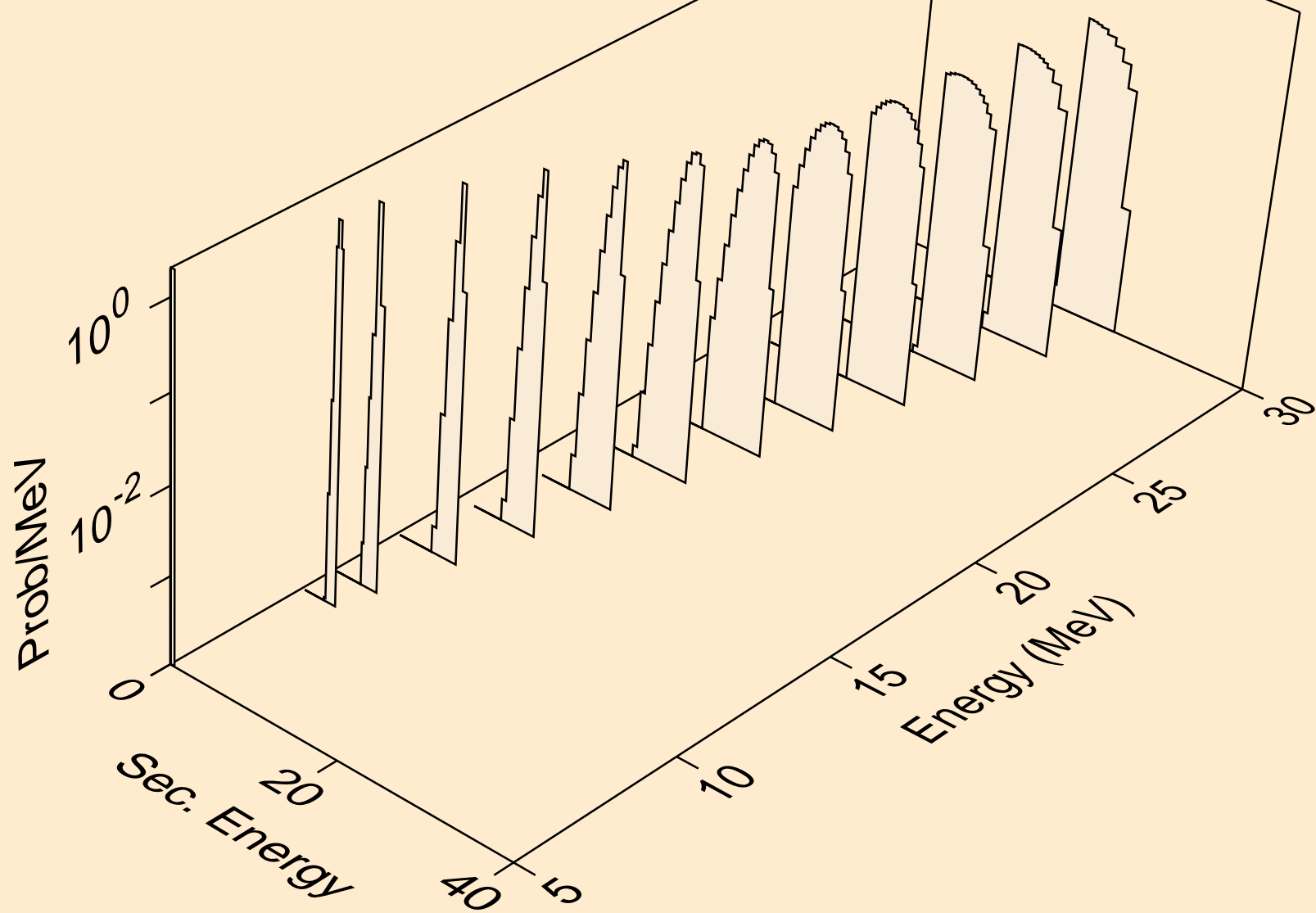
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tritons from (n,x)



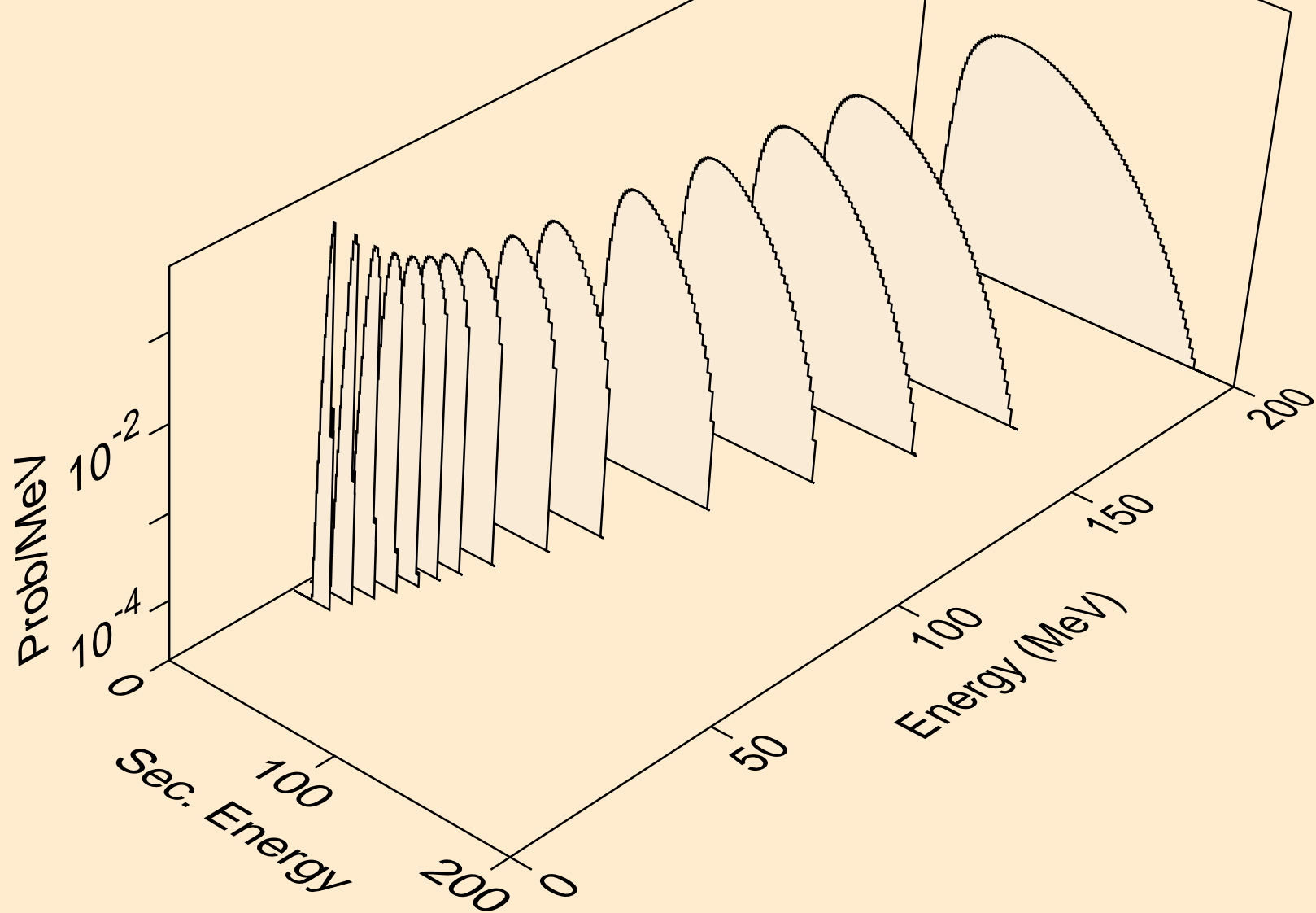
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,n\*)t



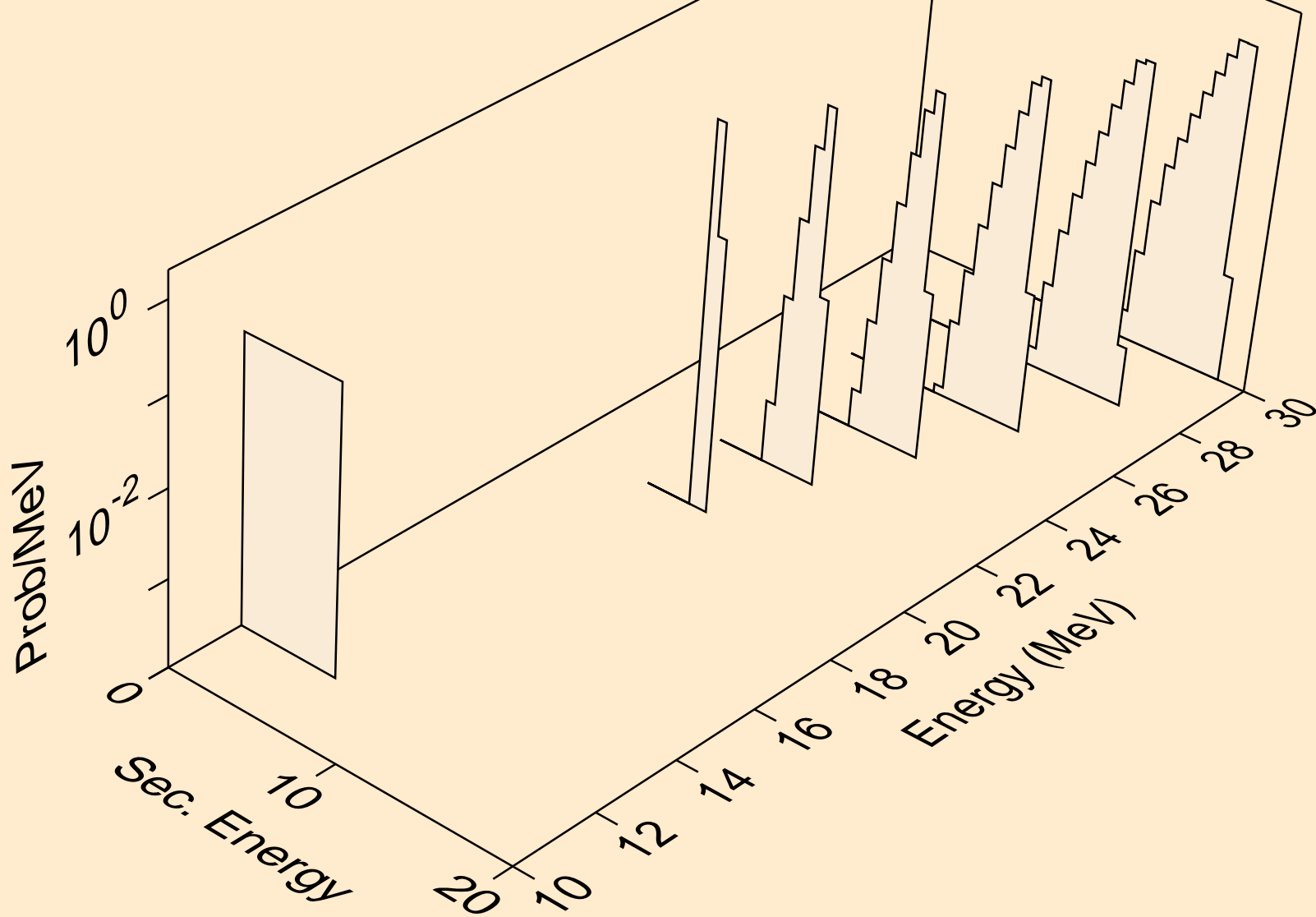
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (n,t)



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (n,x)

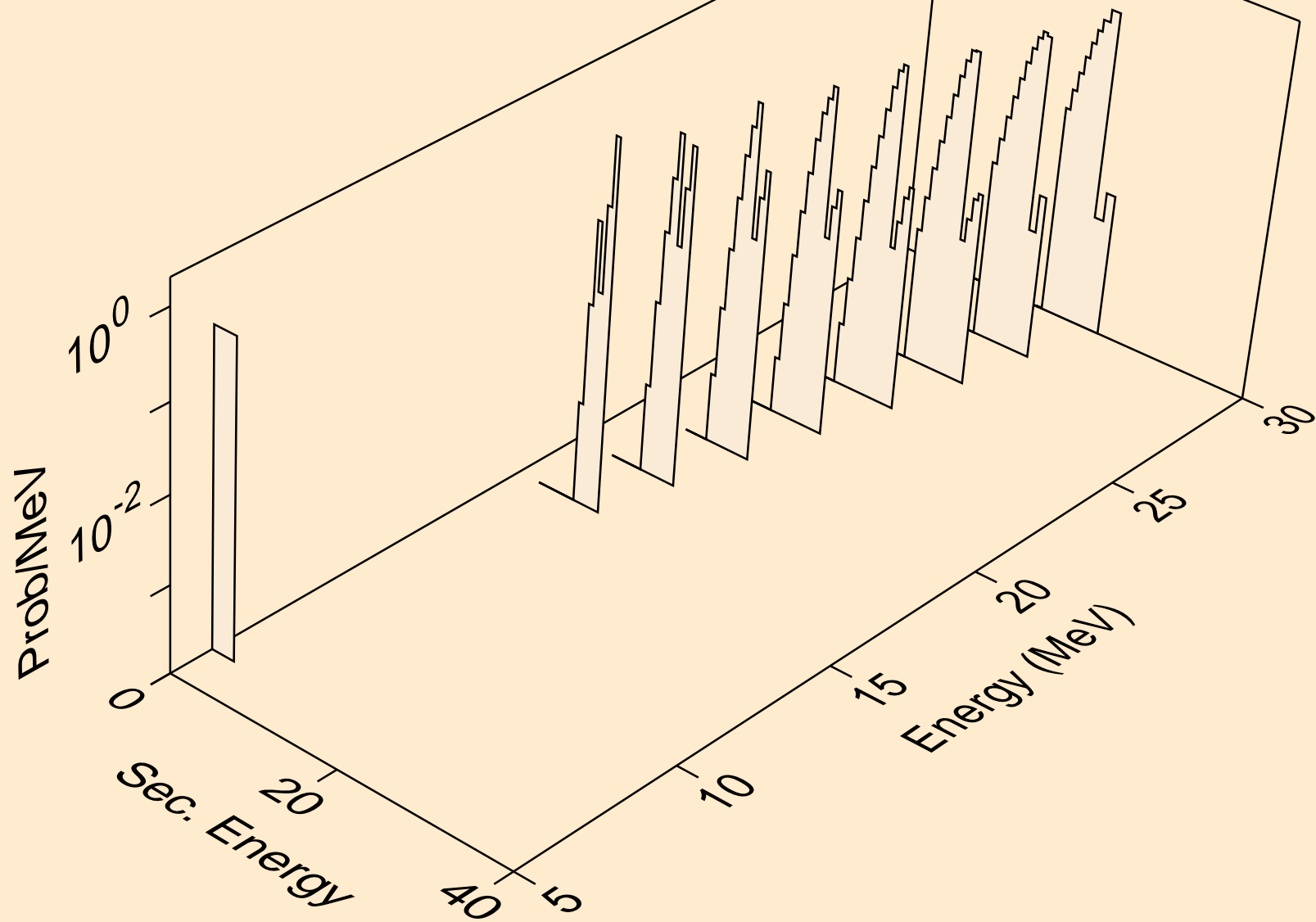


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he3s from (n,n\*)he3

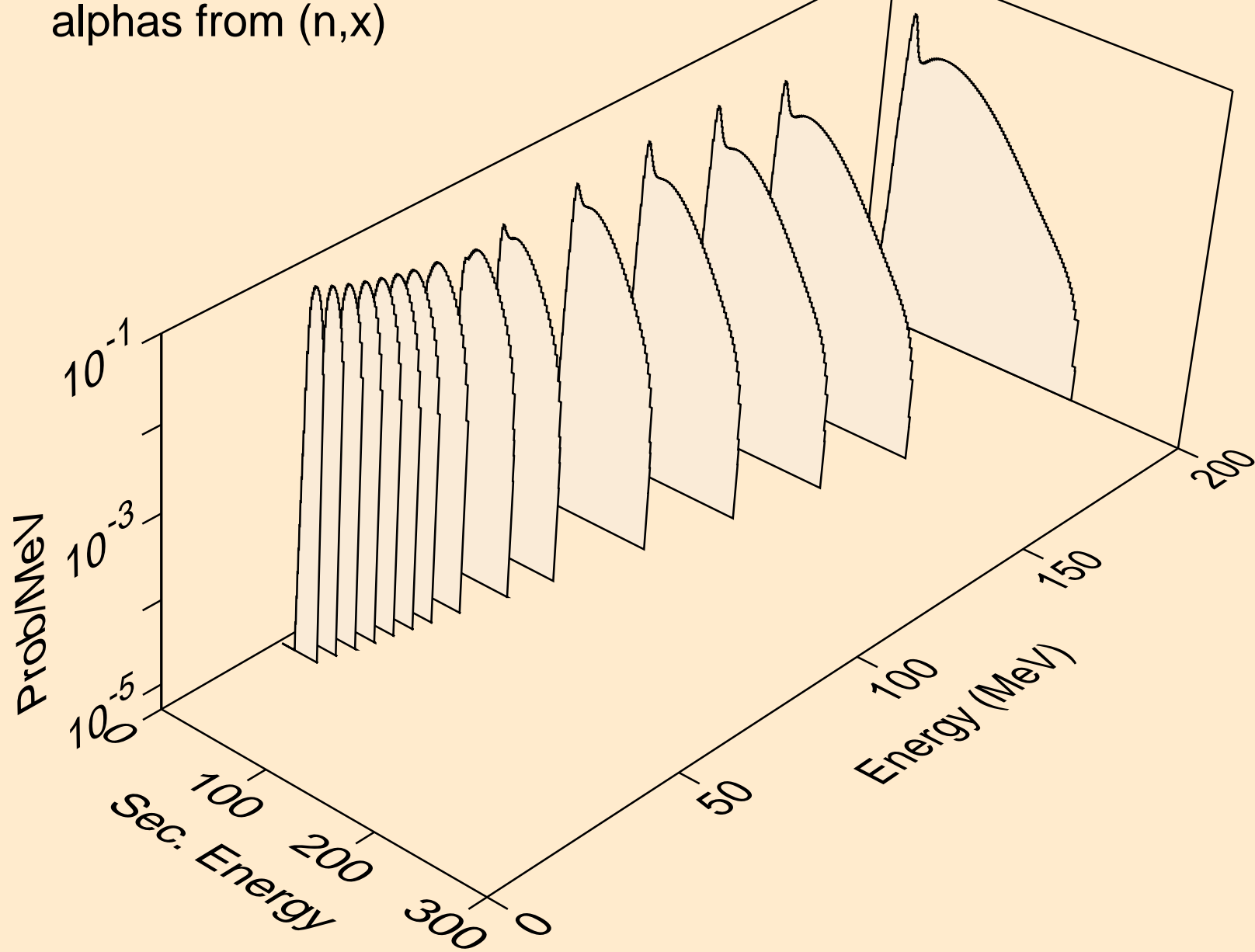




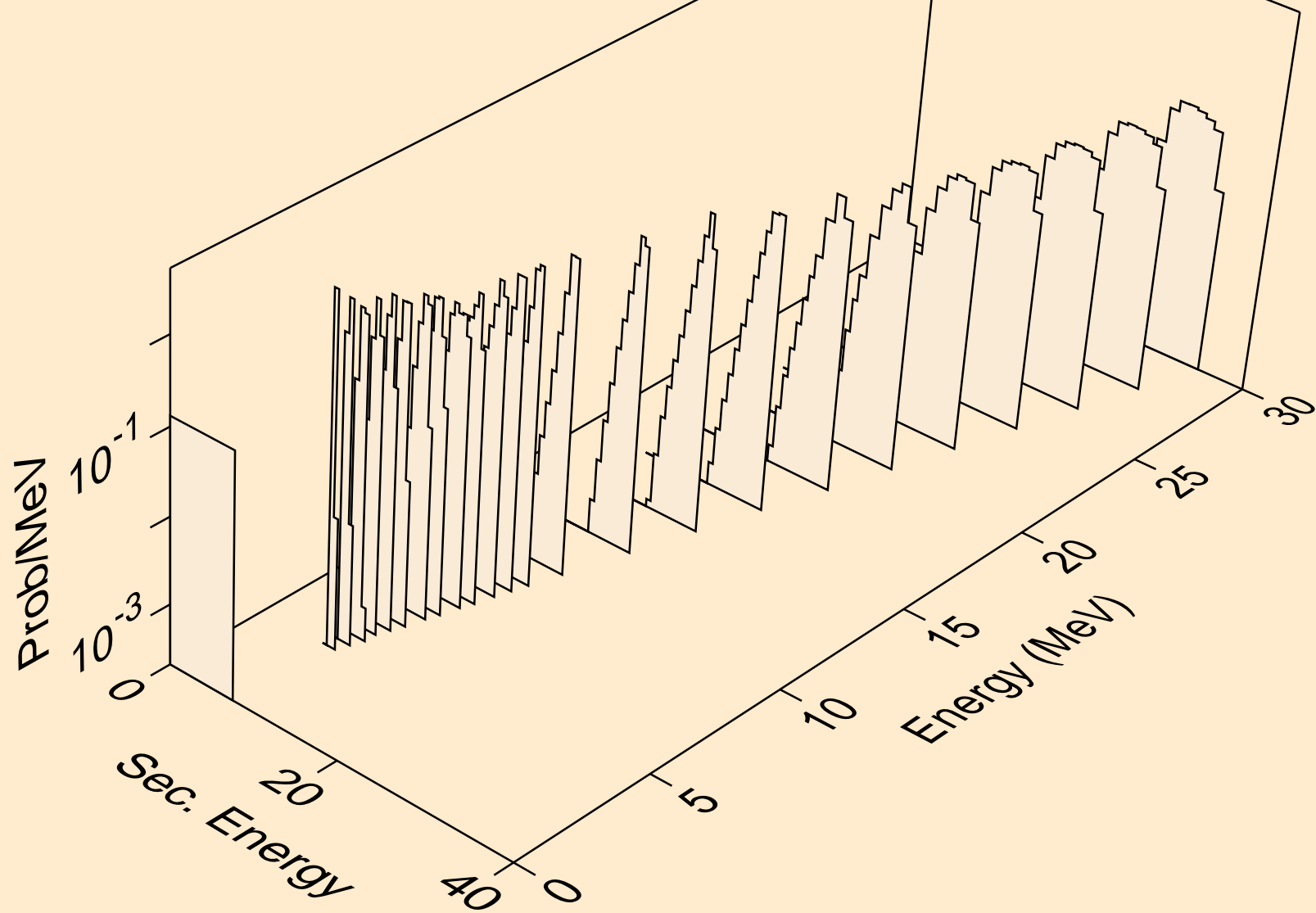
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he3s from (n,he3)



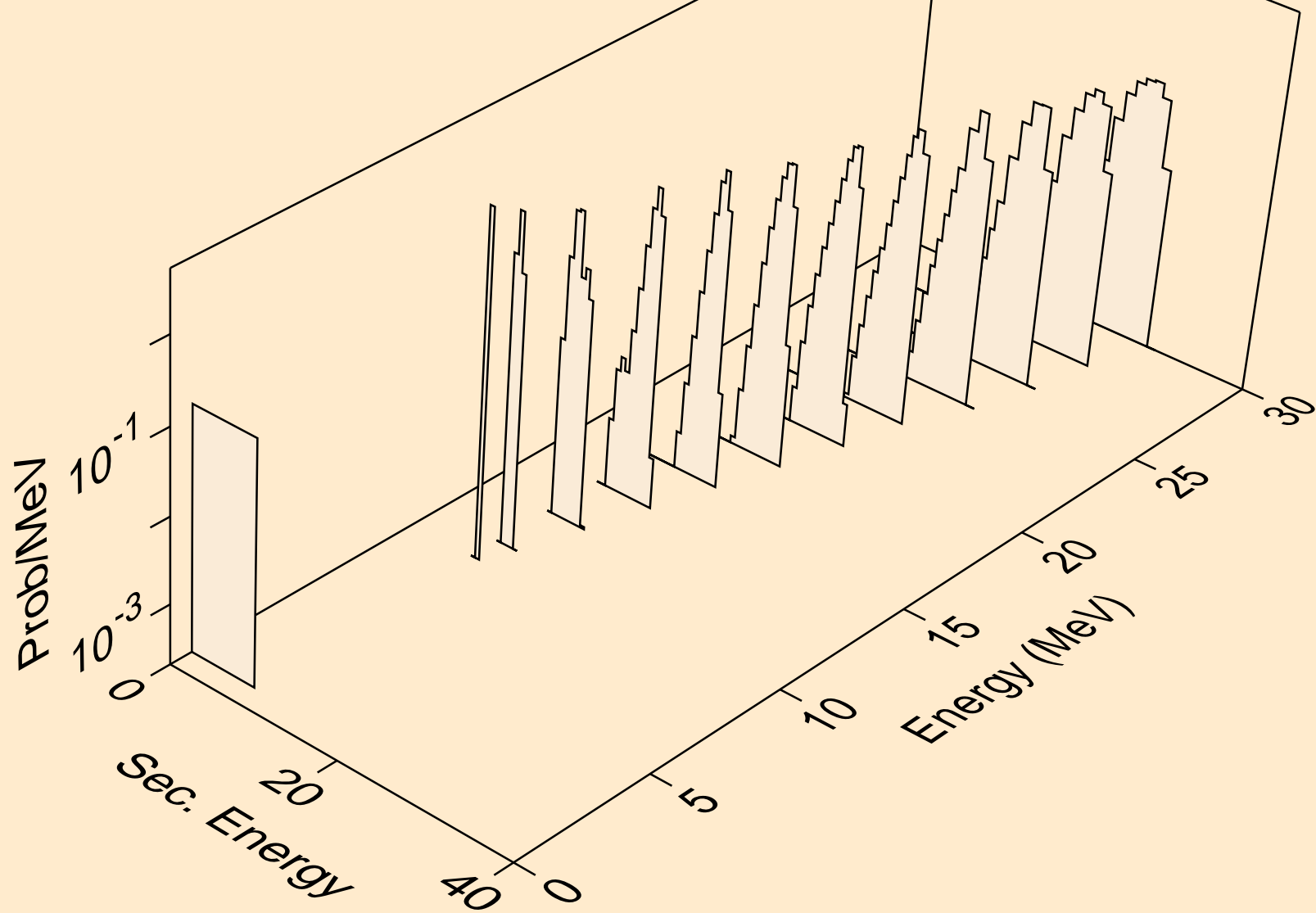
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,x)



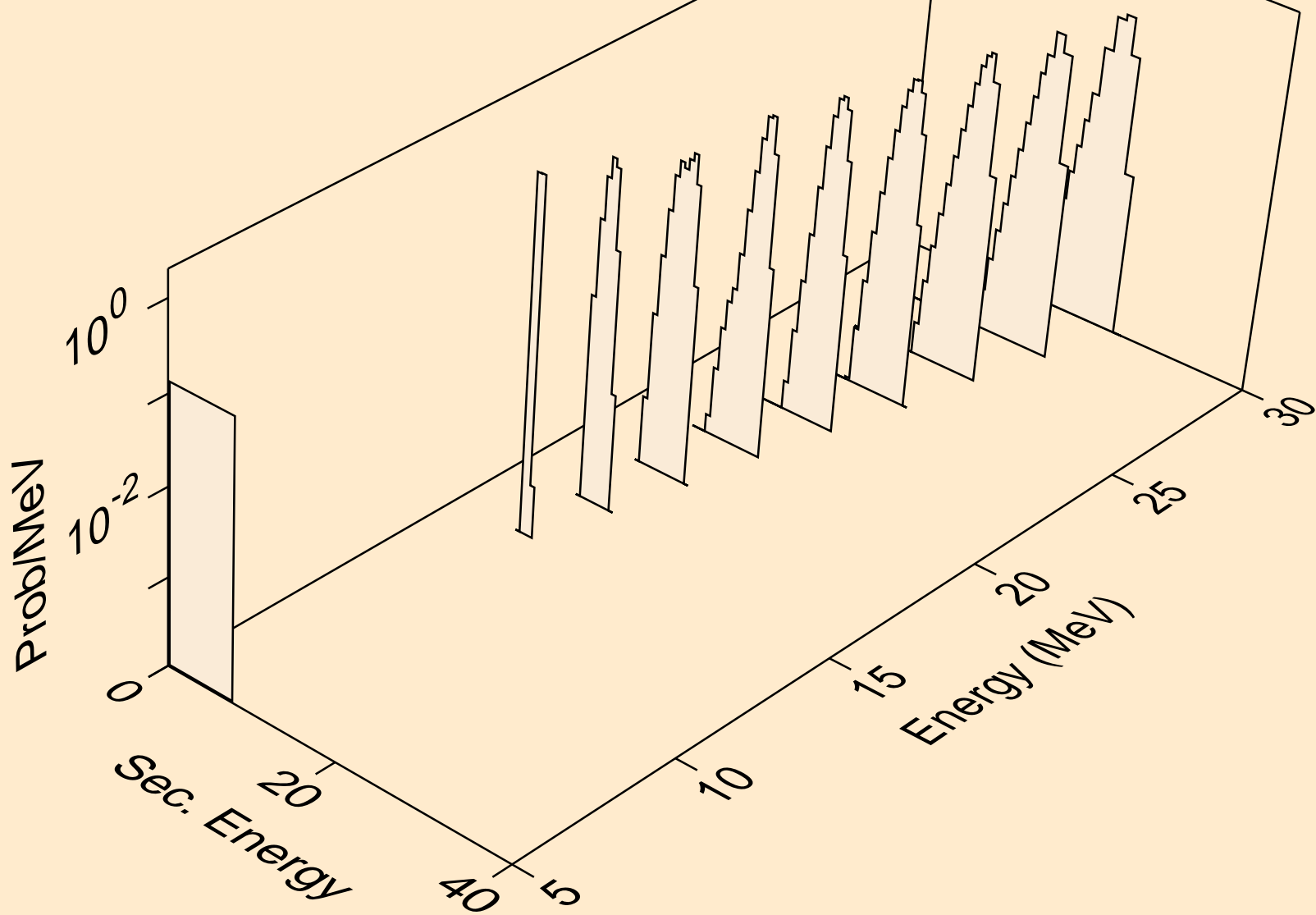
CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,n\*)a



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,2n)a



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,3n)a



CM252 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (n,a)

