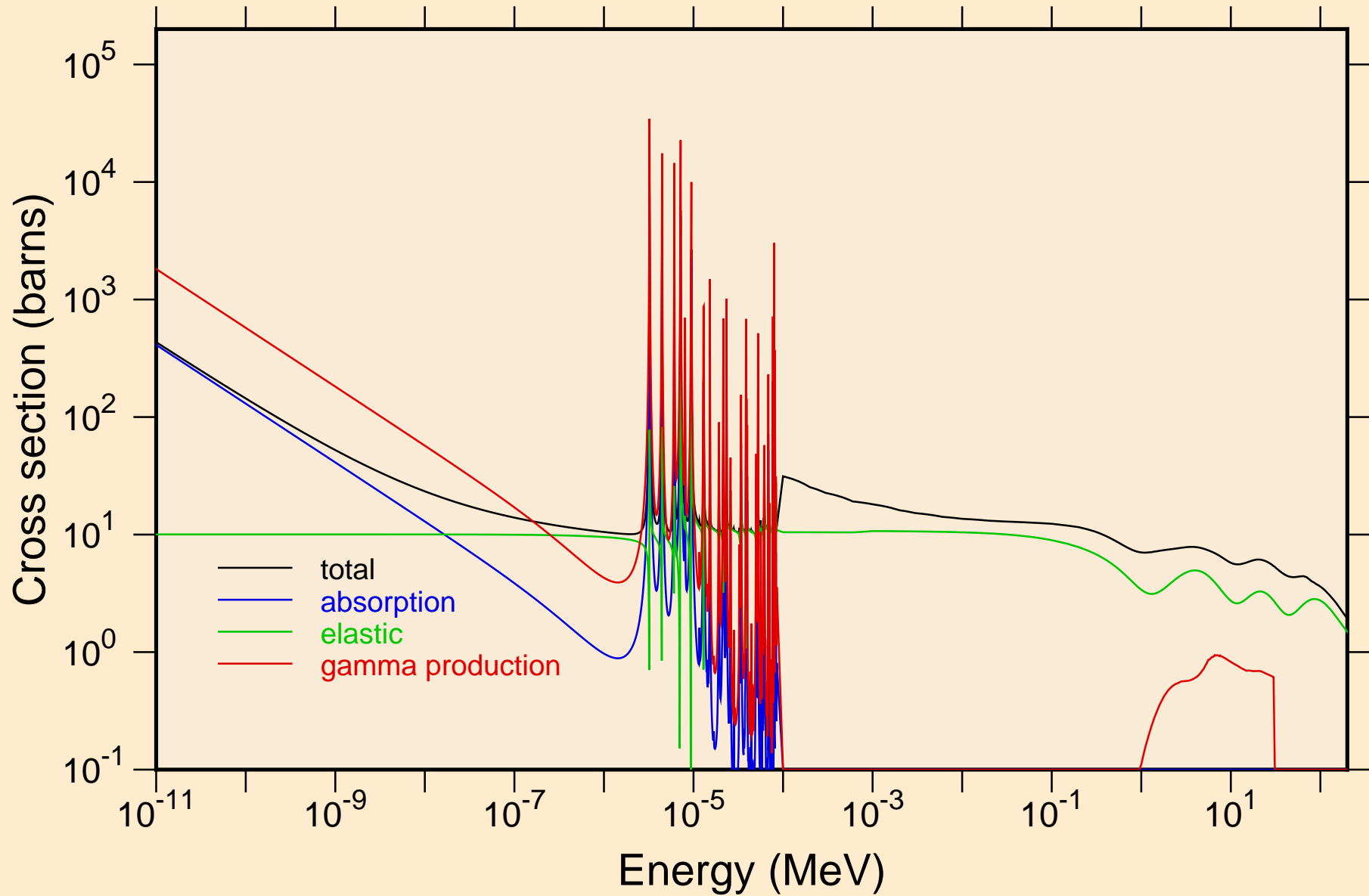
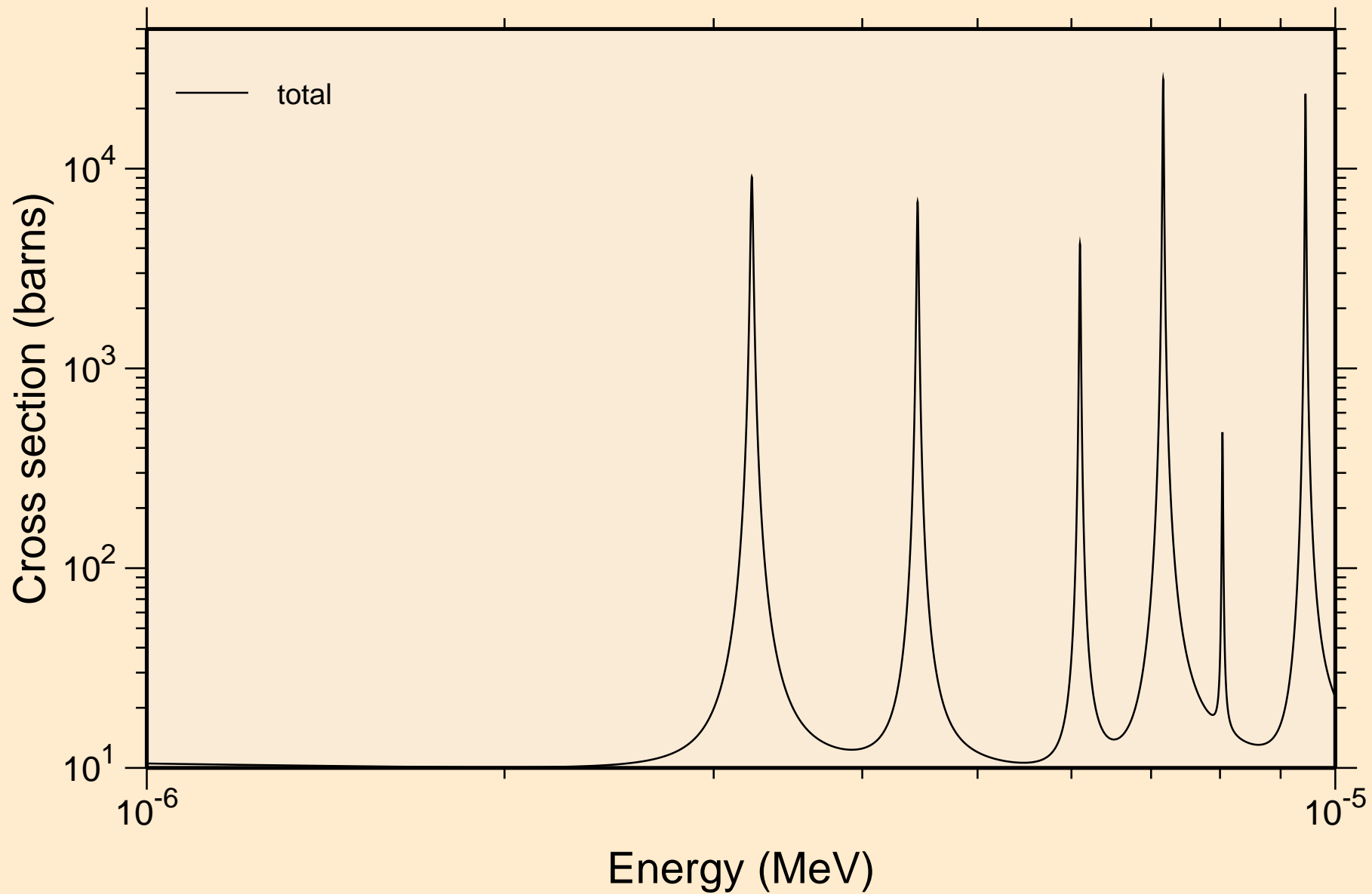


# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

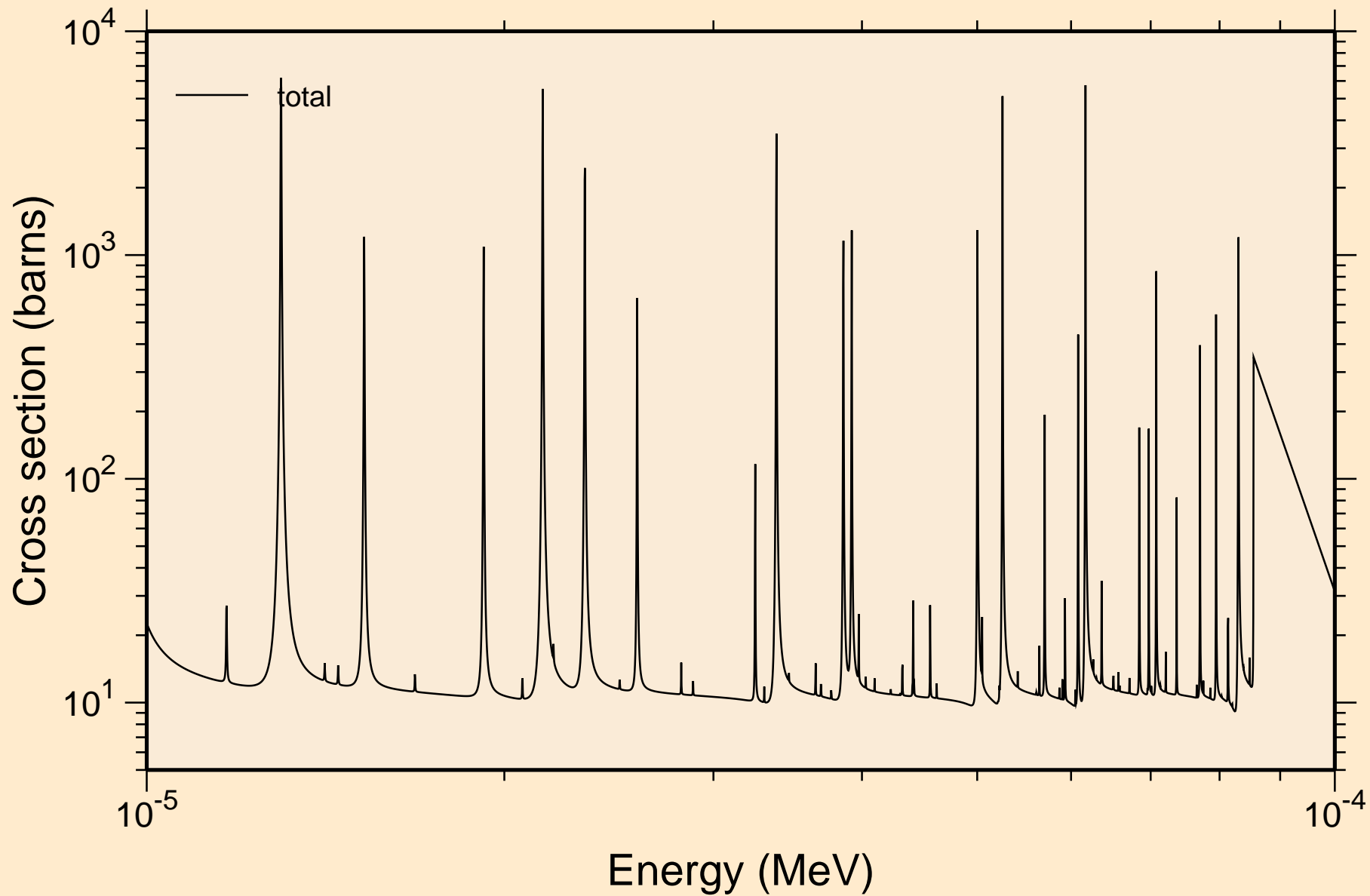
## Principal cross sections



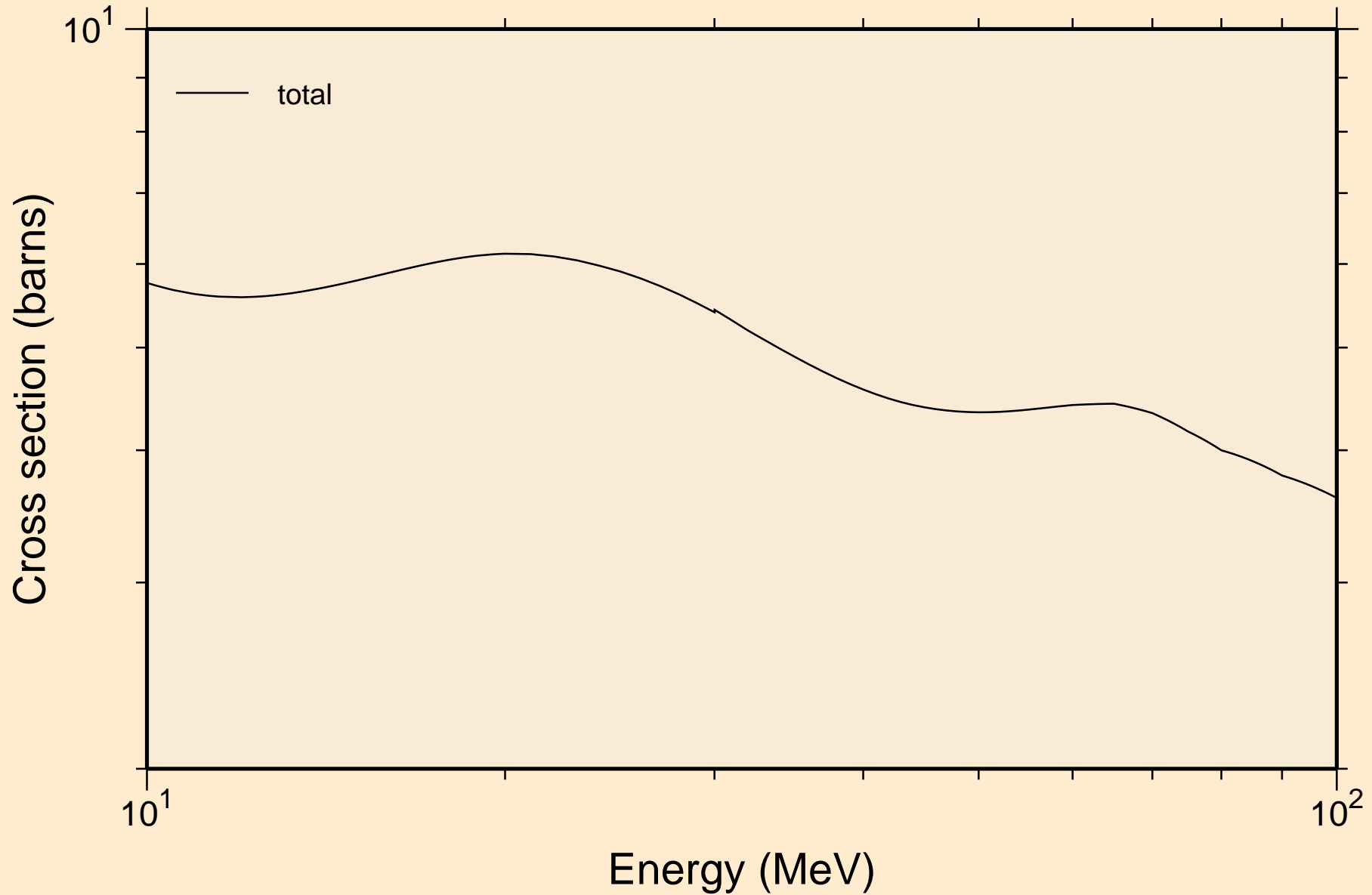
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



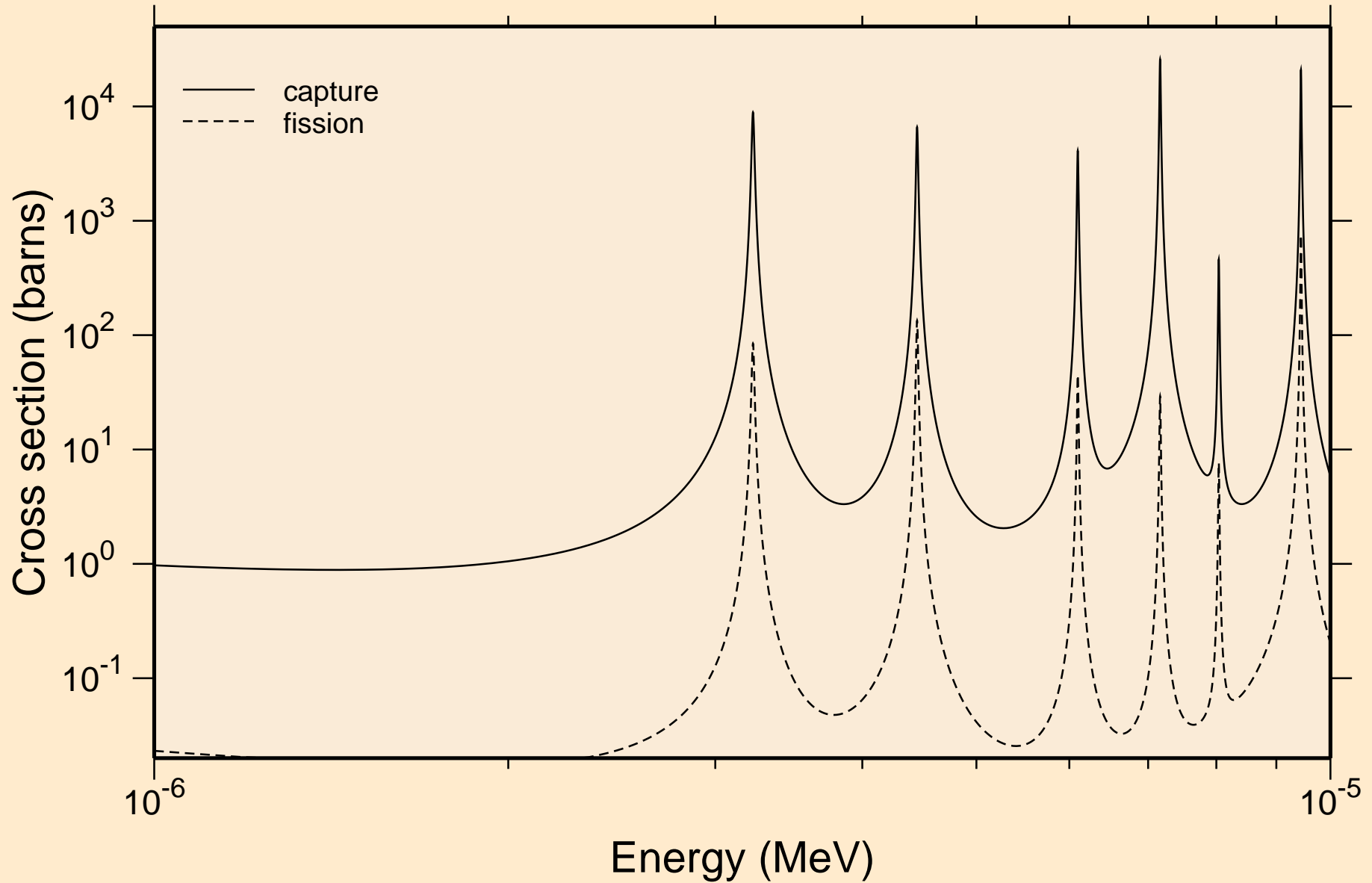
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section

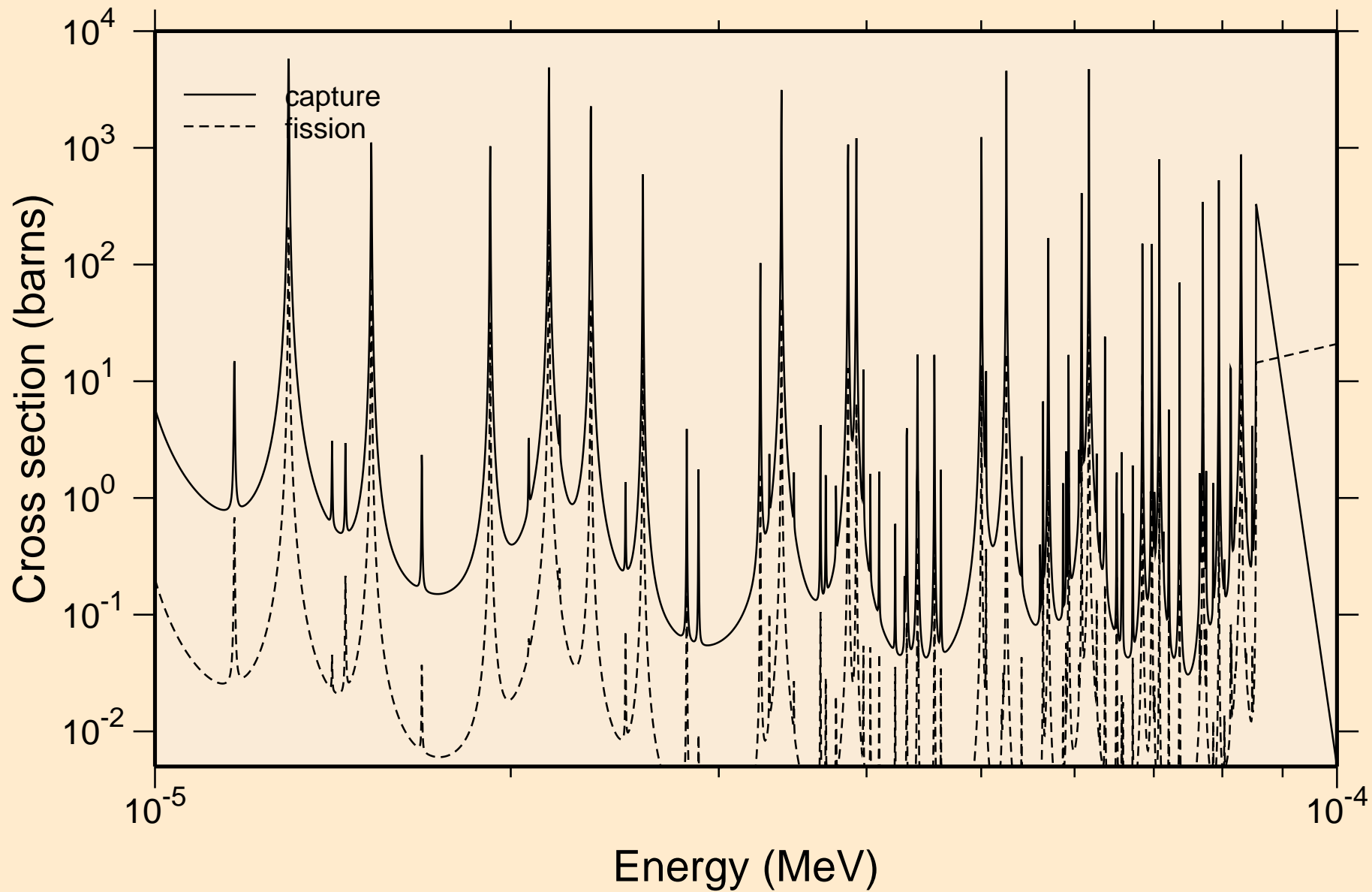


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

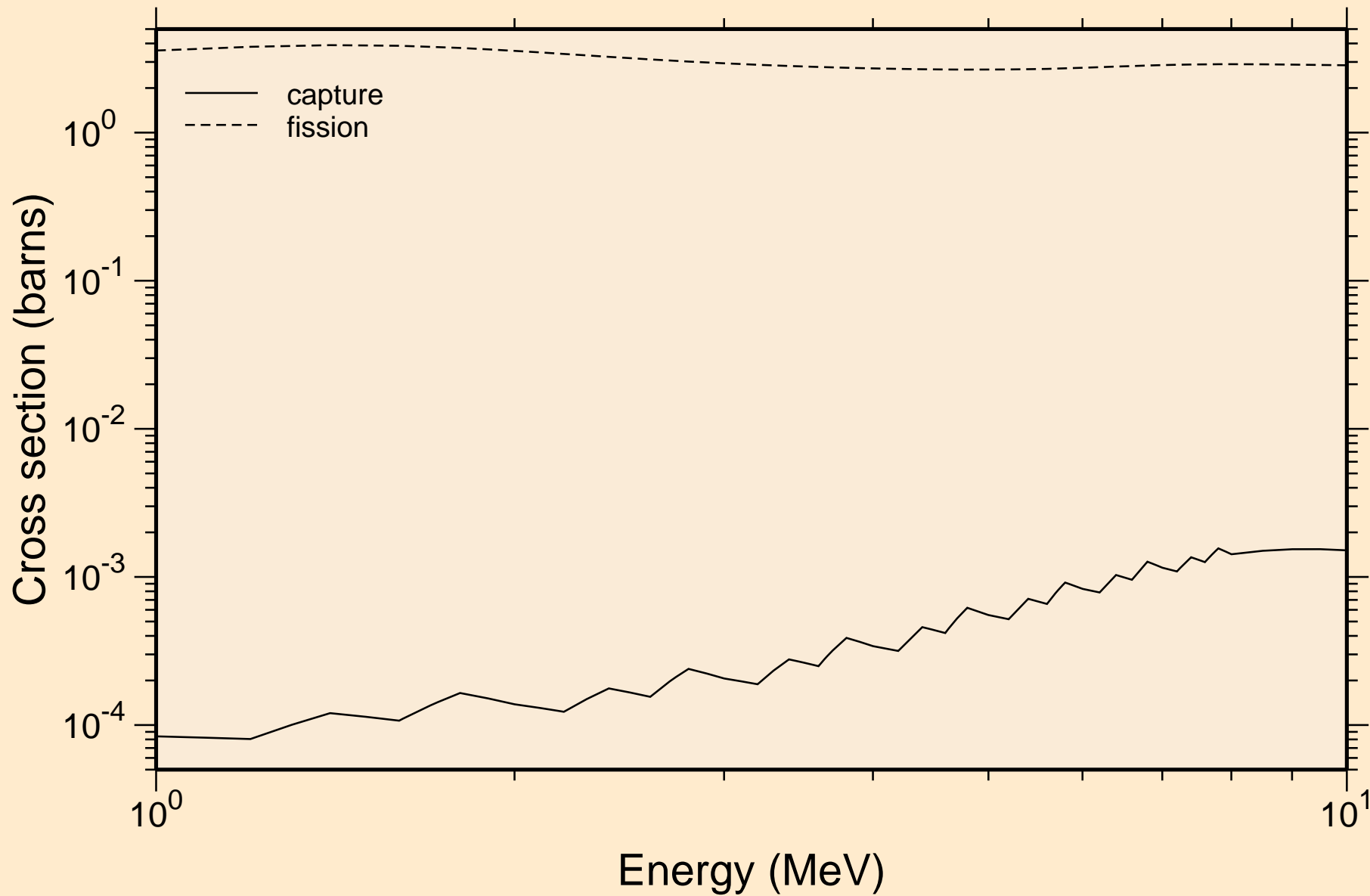


# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## resonance absorption cross sections

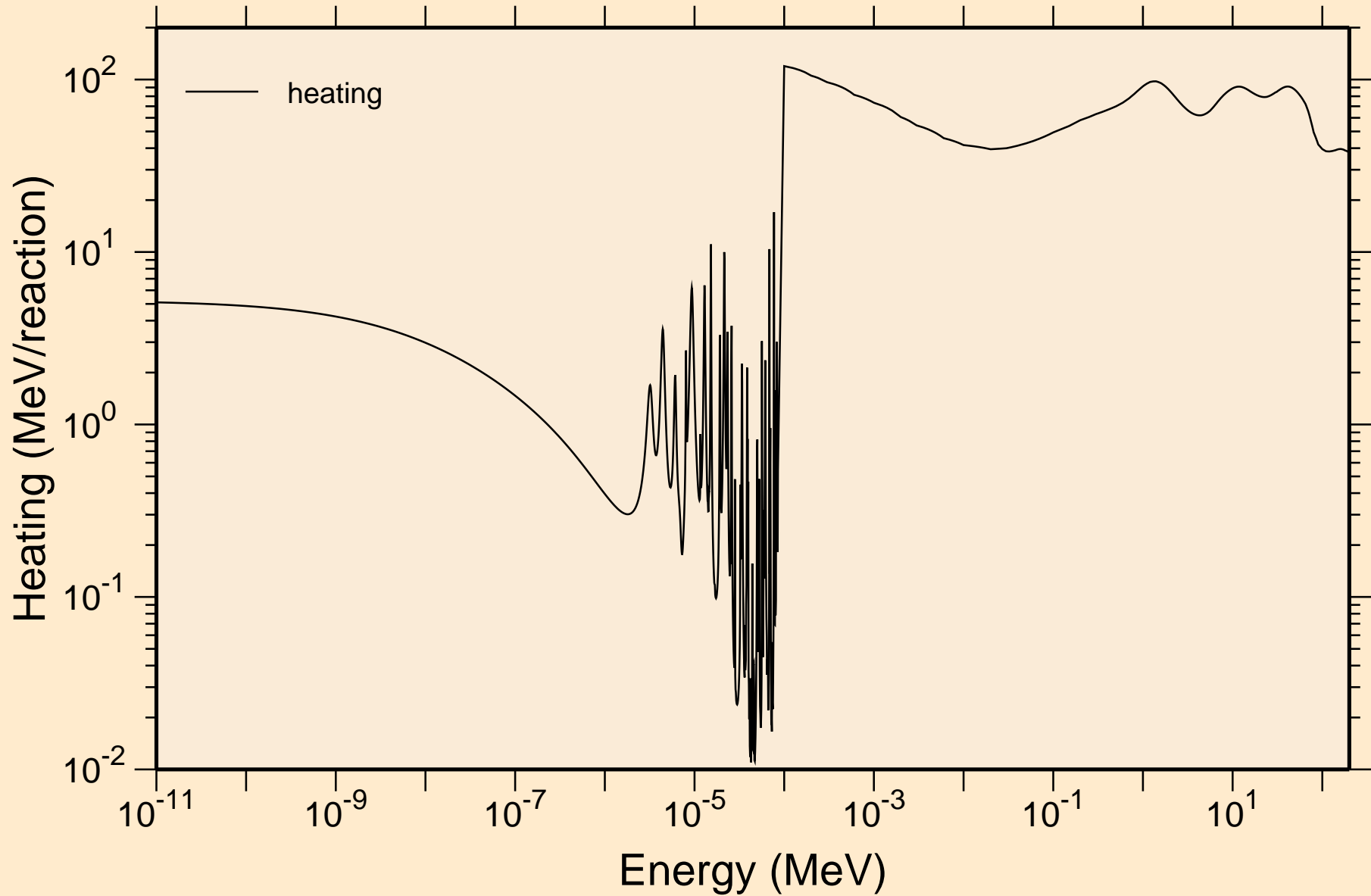


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

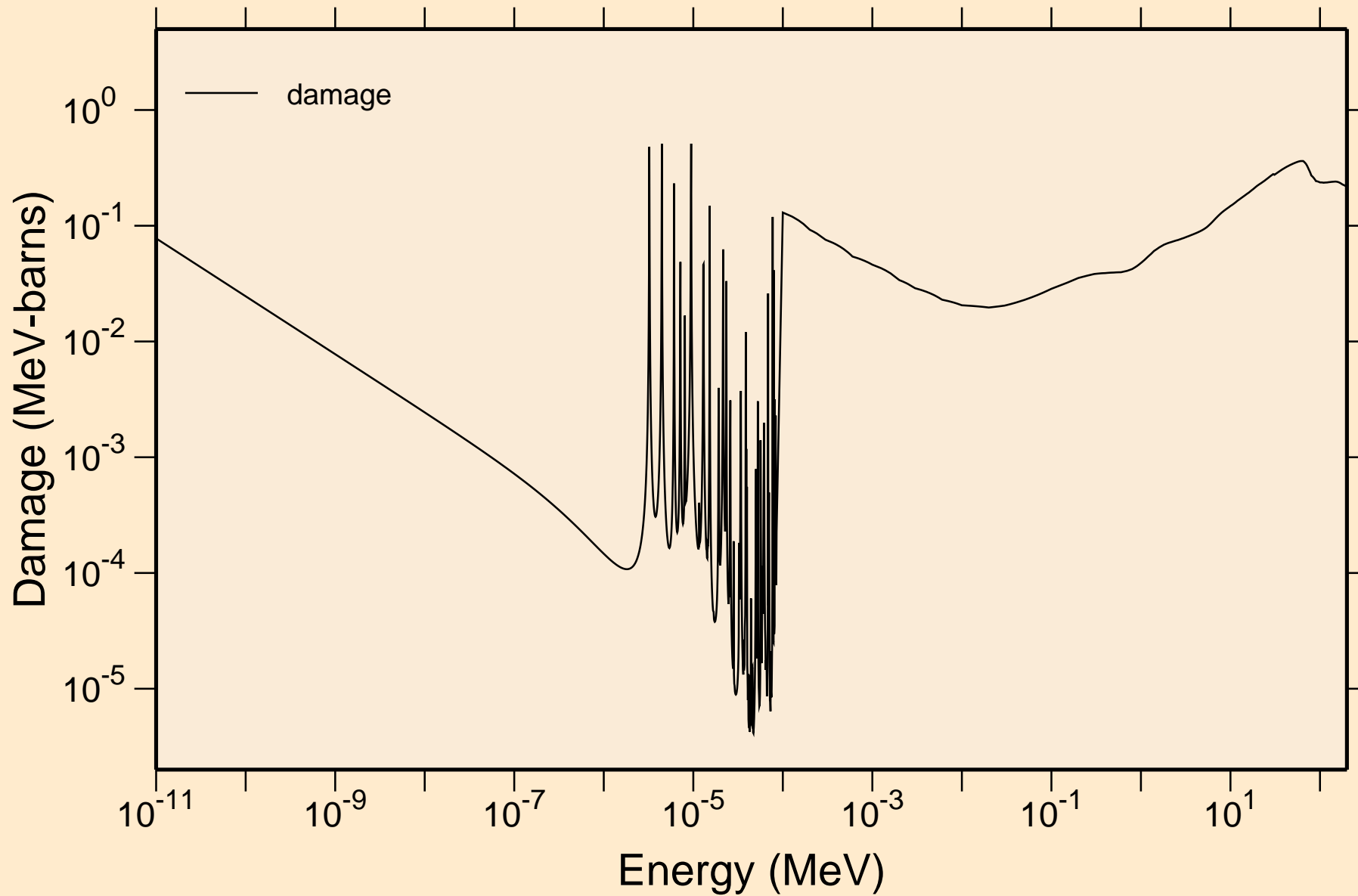
## Heating





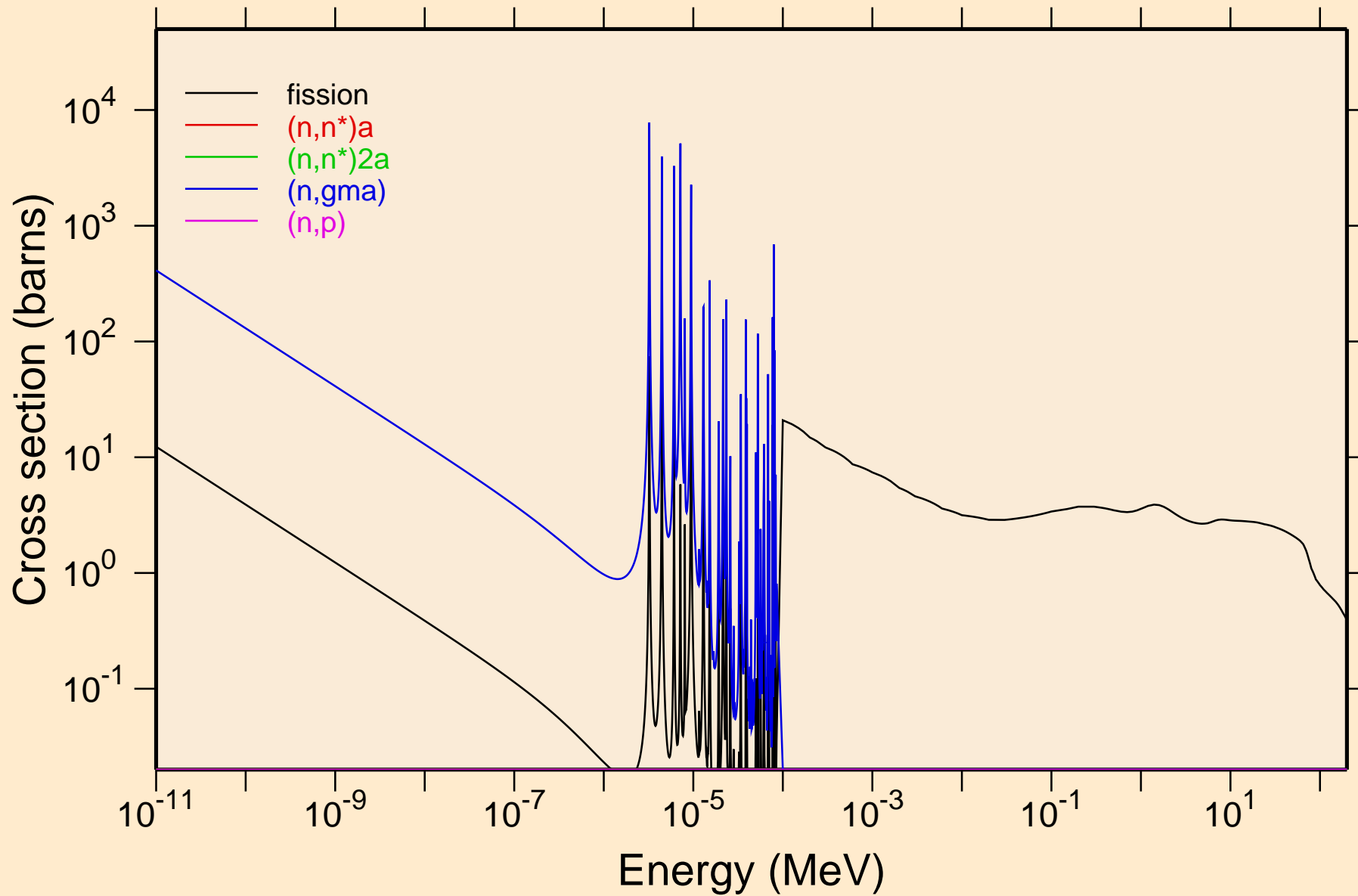
# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Damage



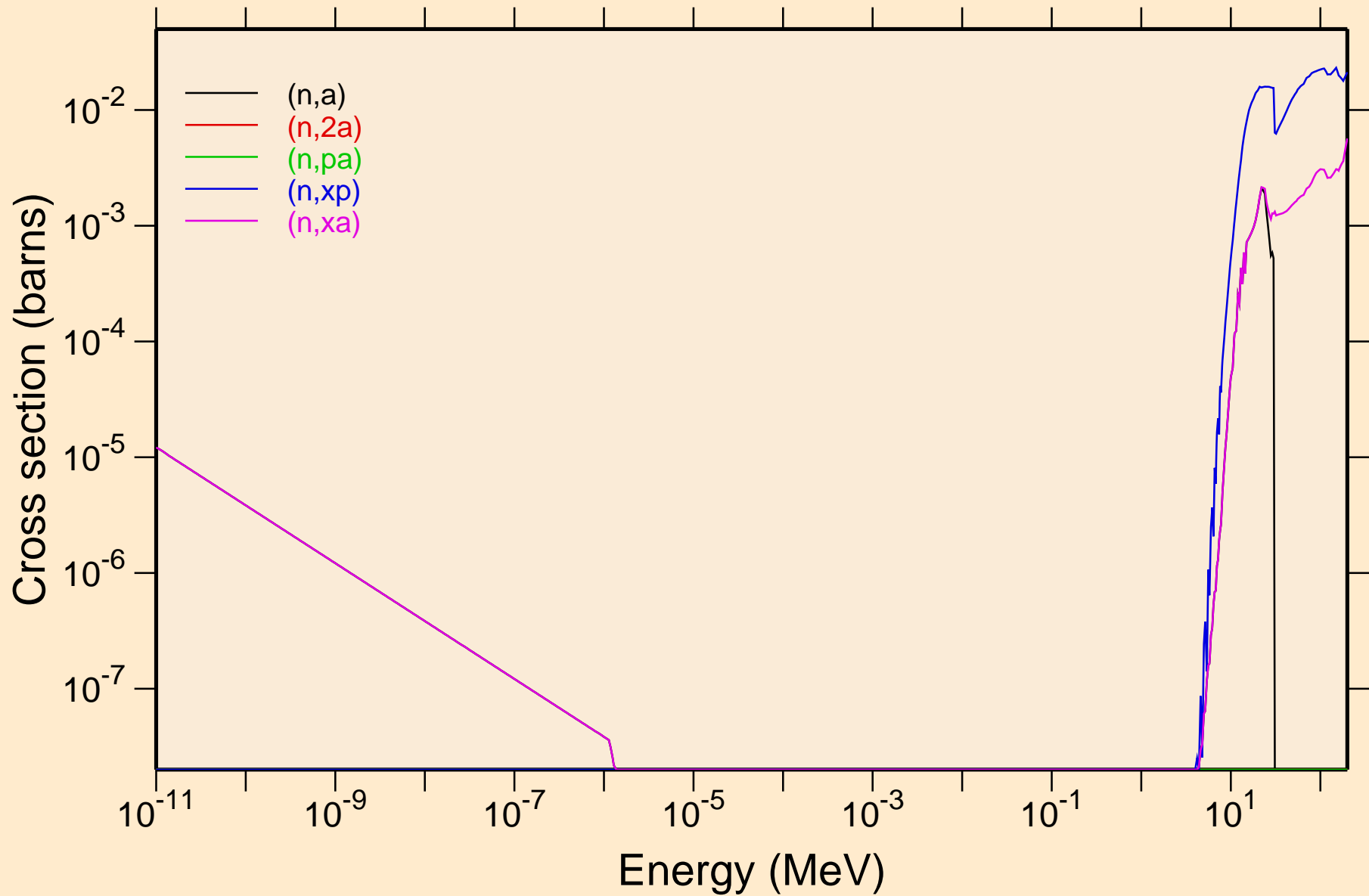
# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



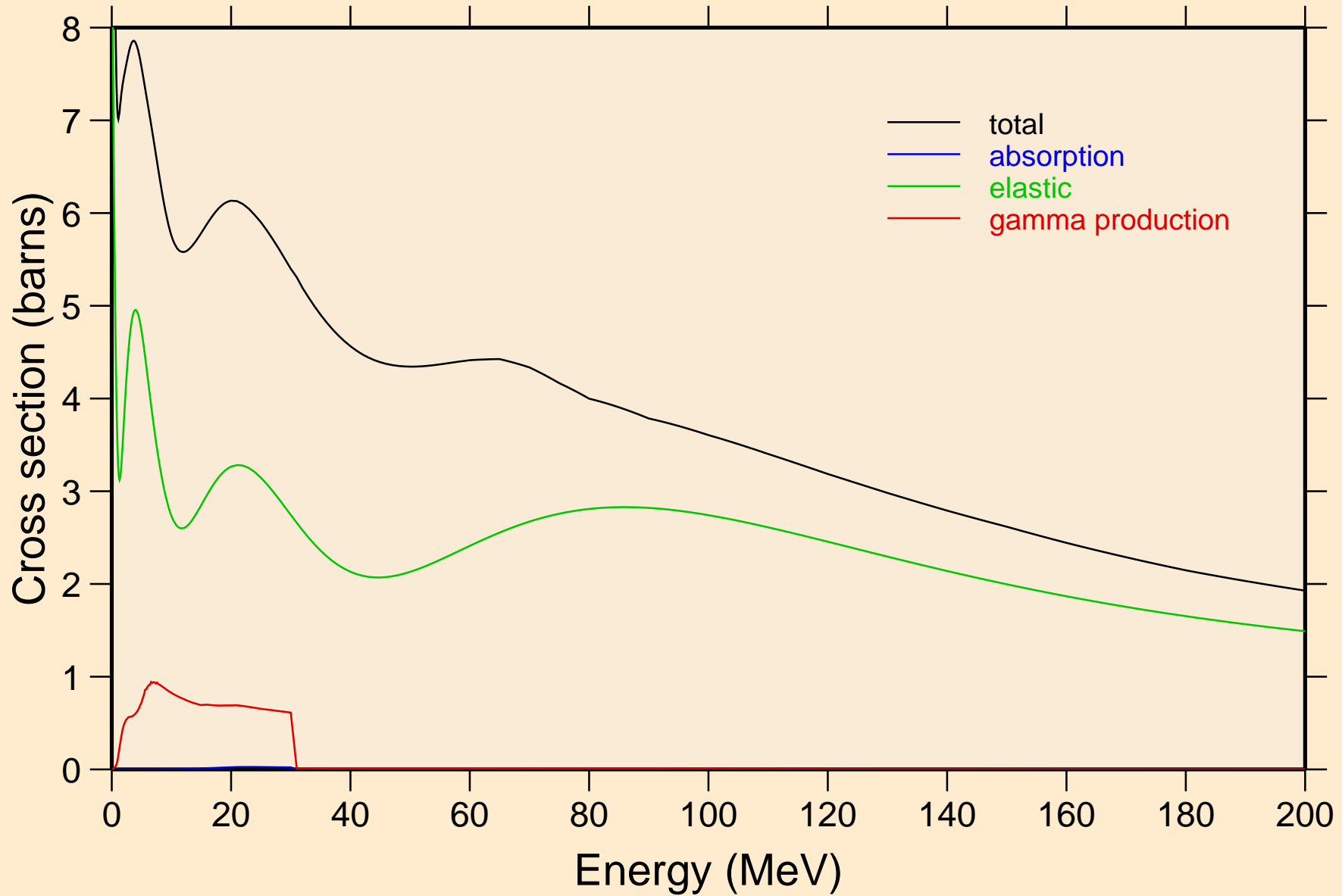
# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



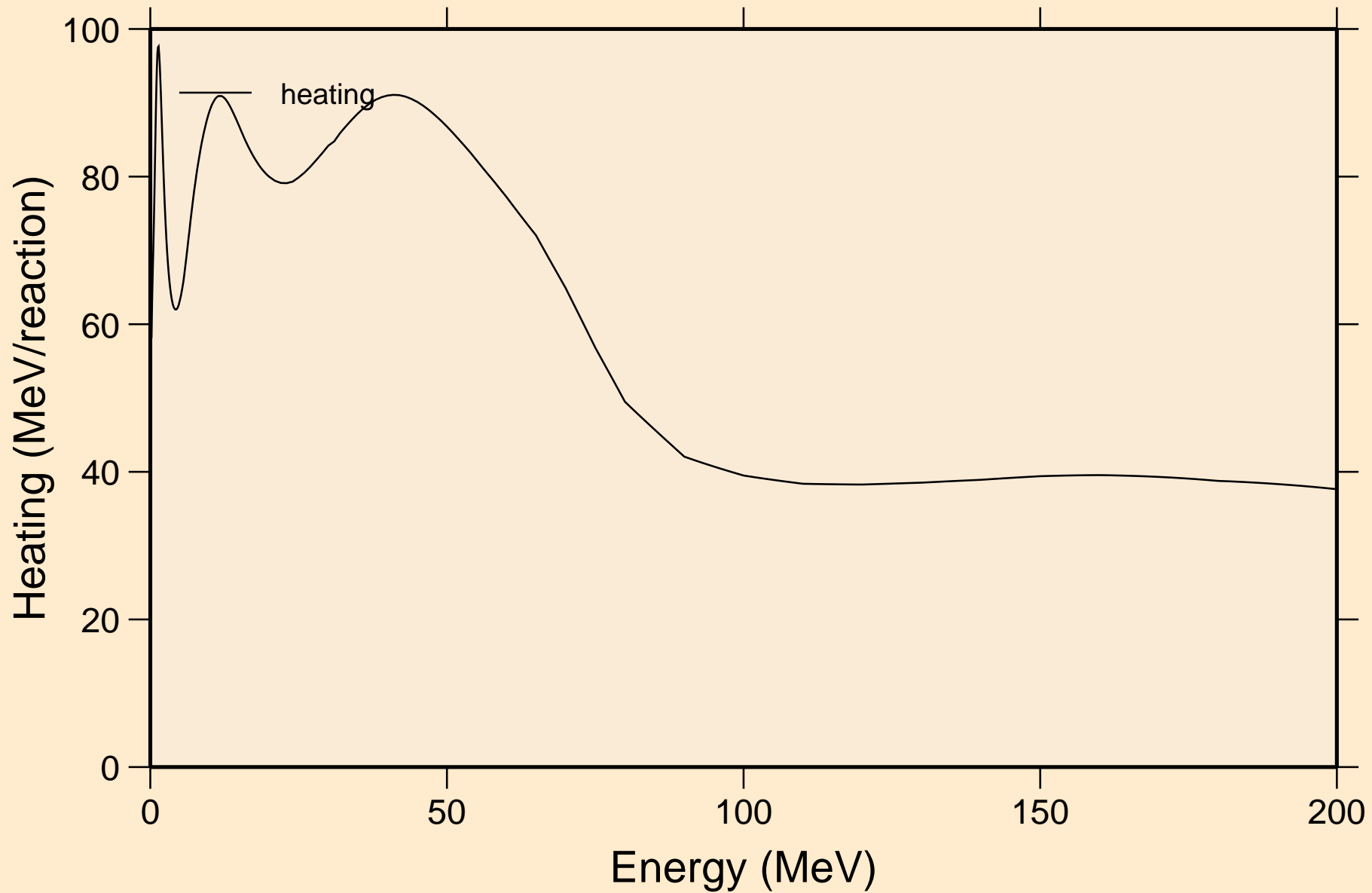
# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

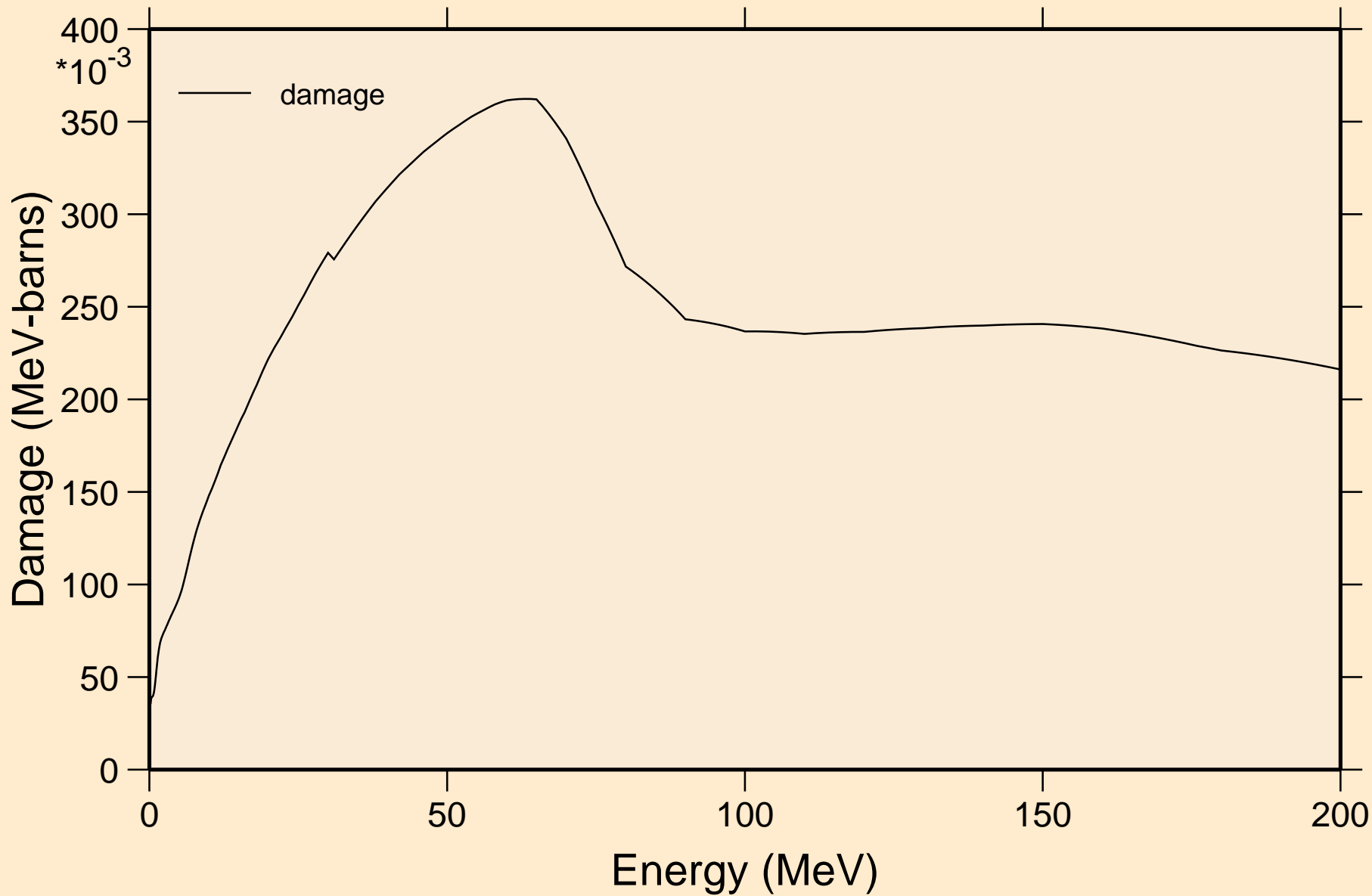


# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Heating

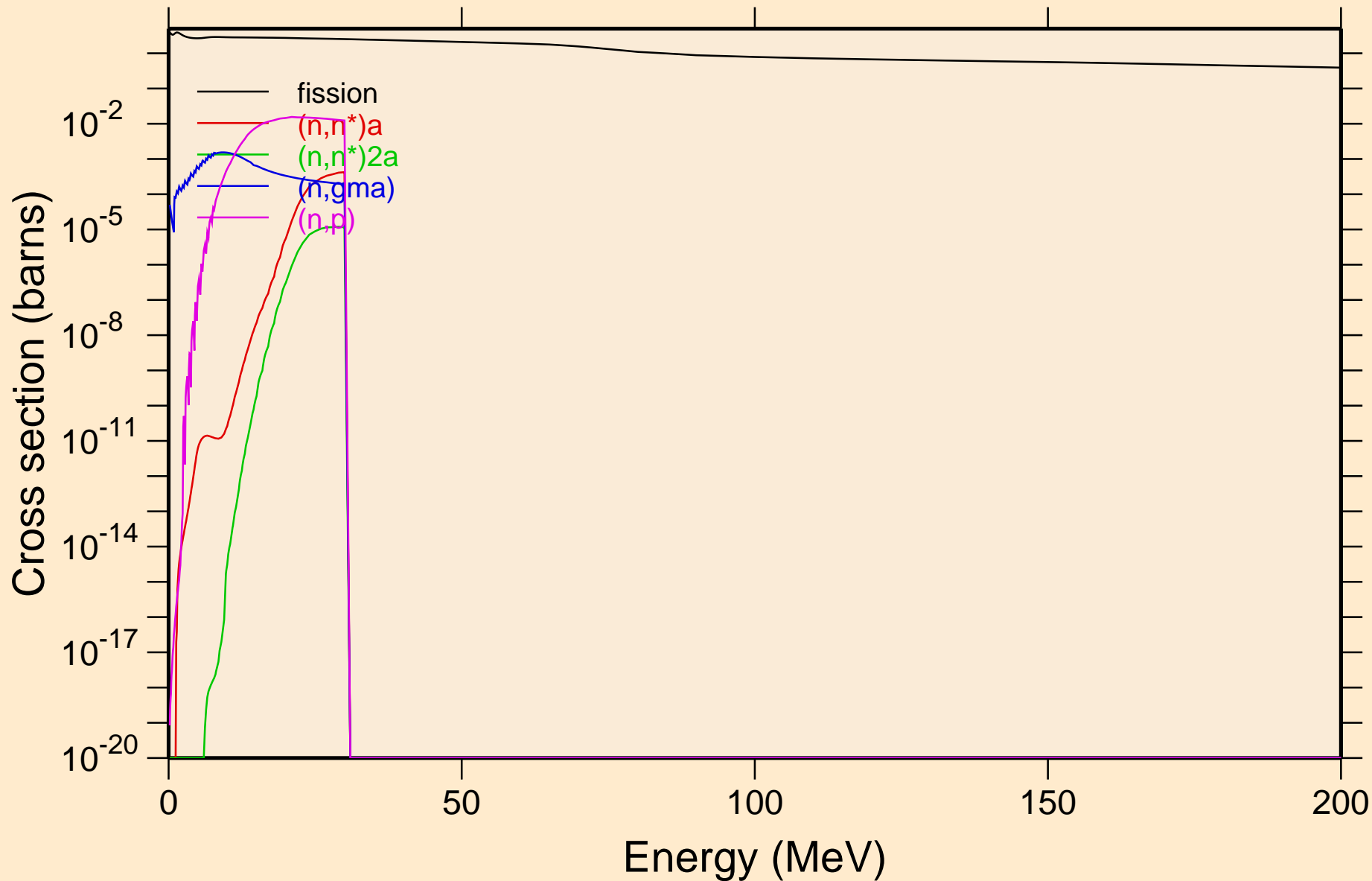


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Damage



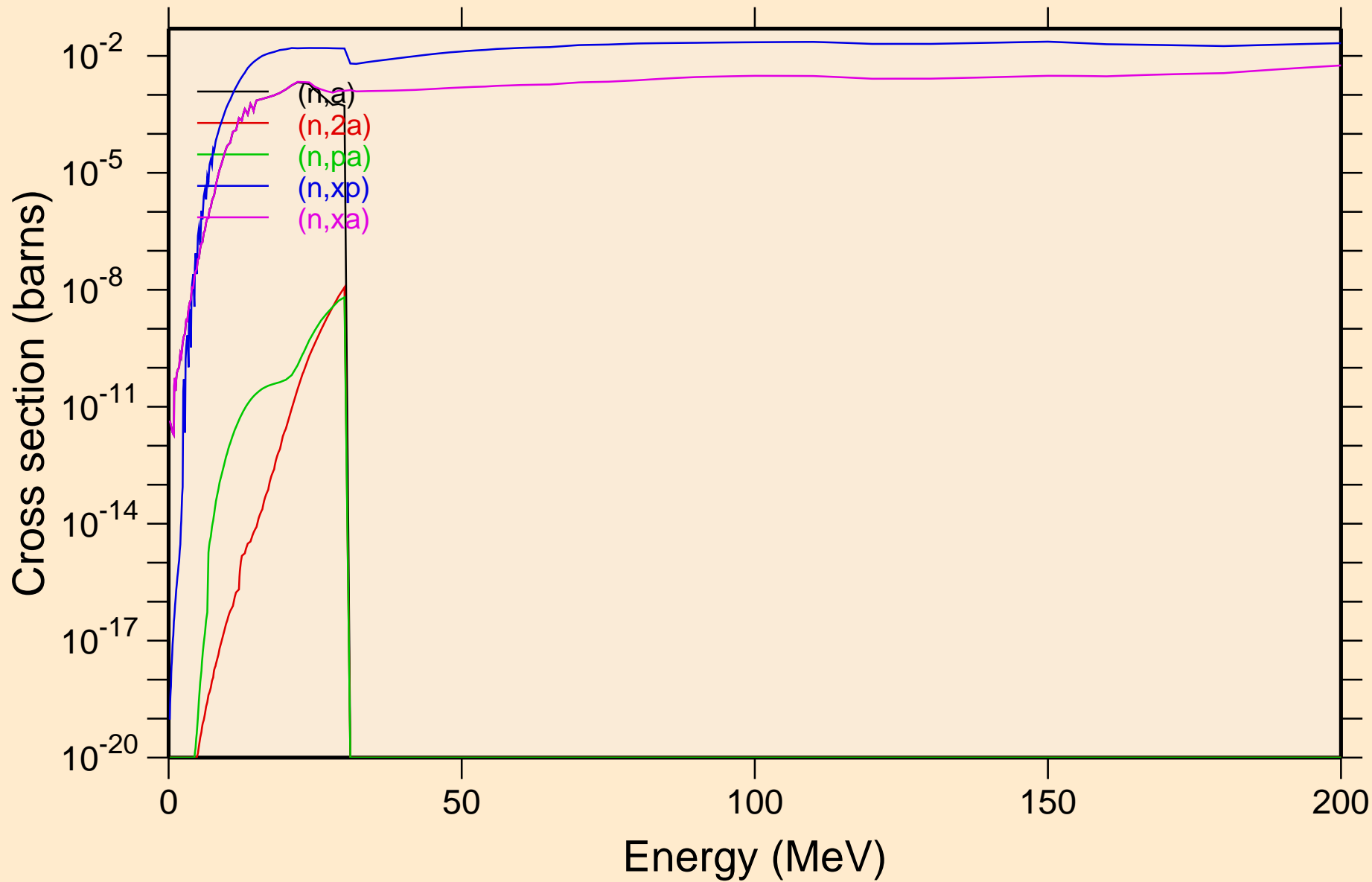
# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions



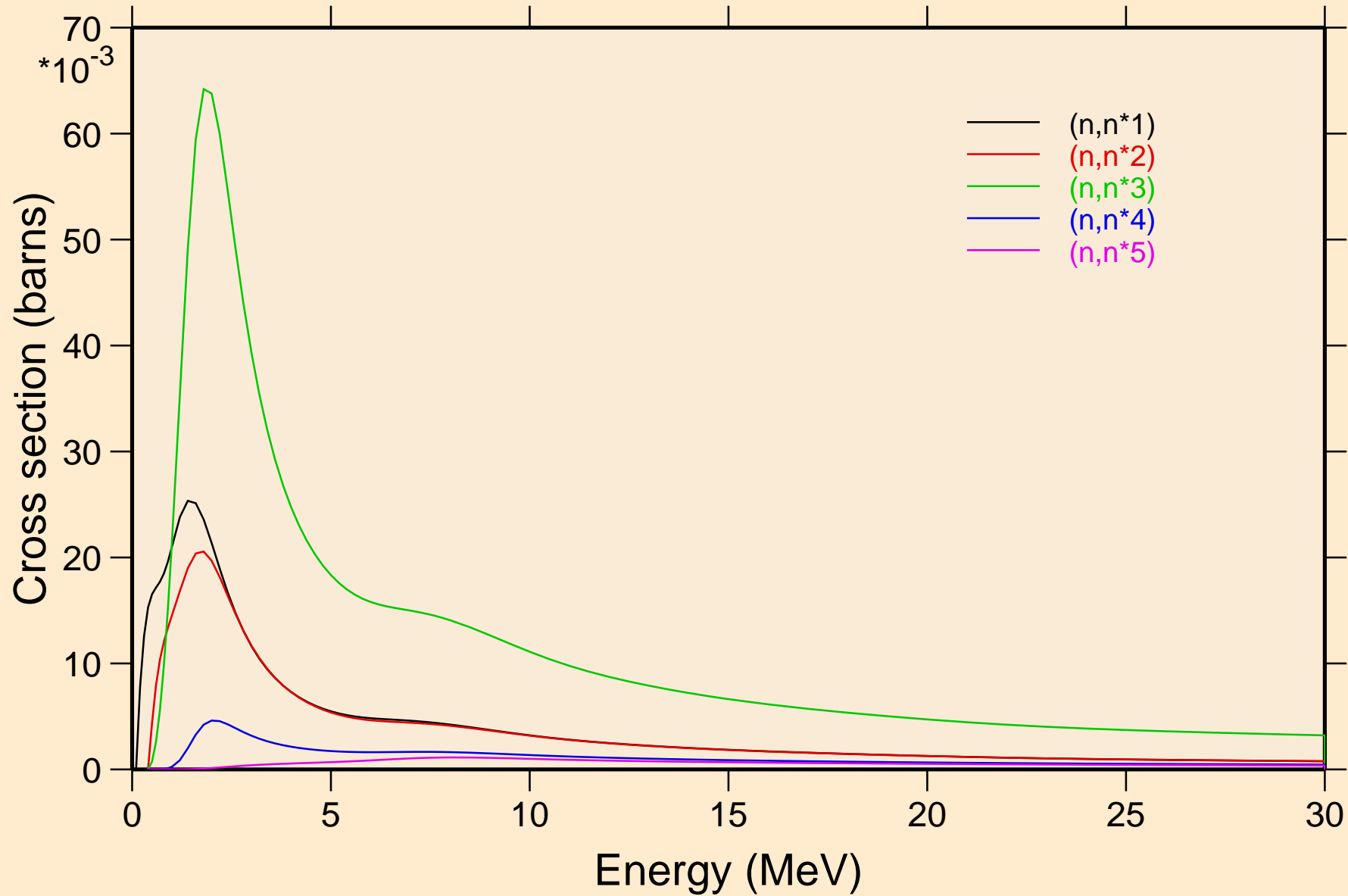
# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Non-threshold reactions

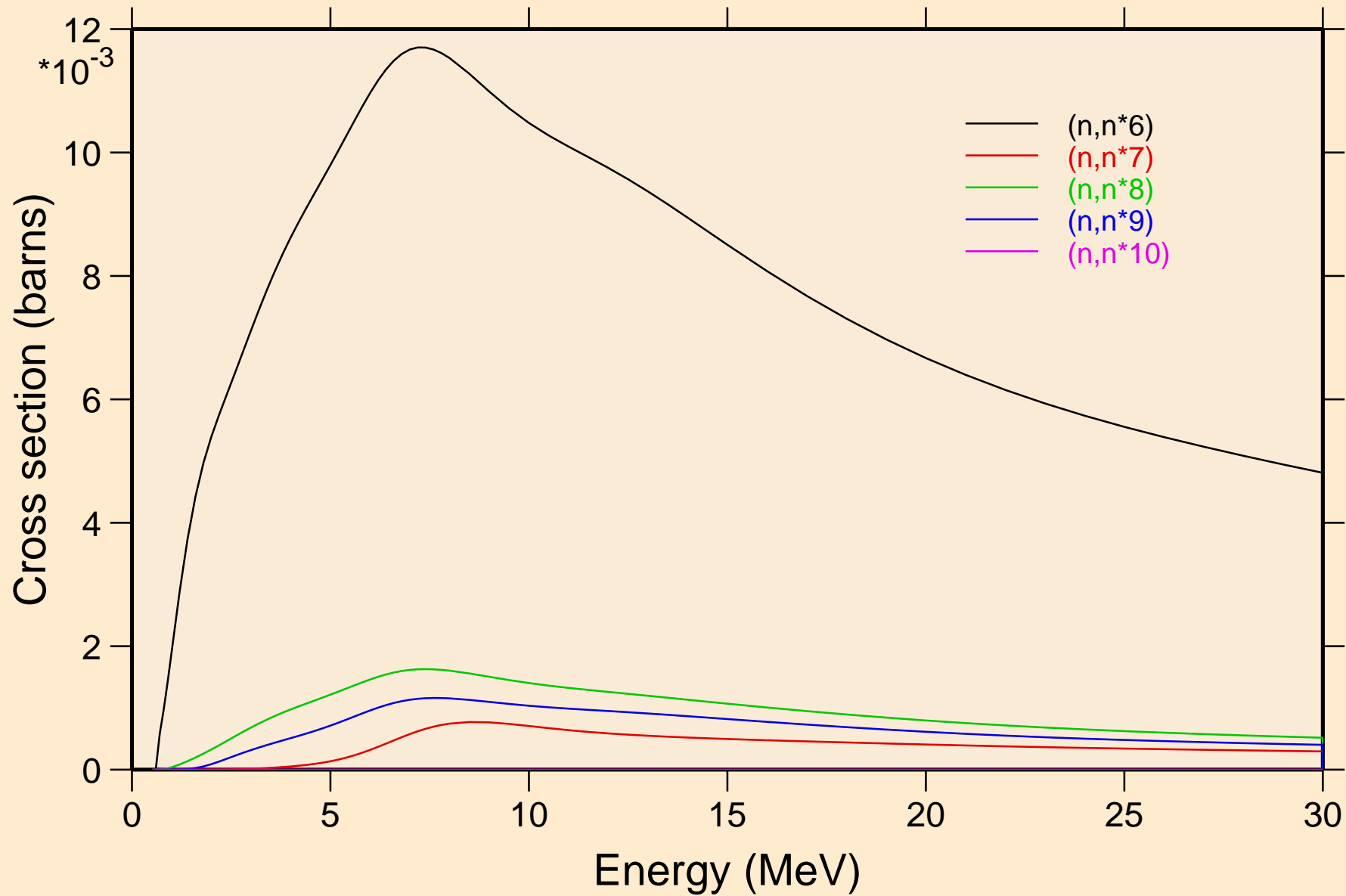




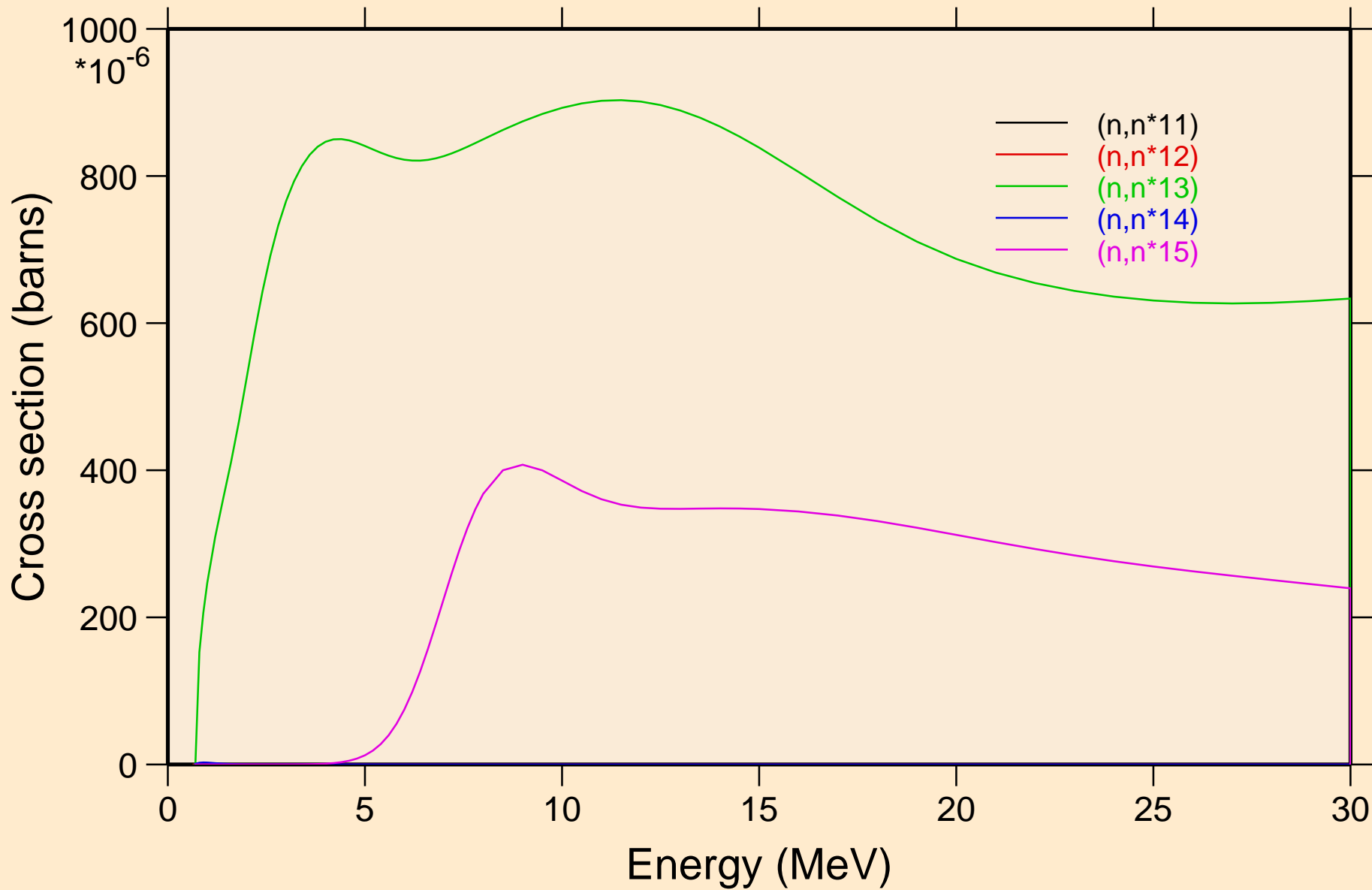
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



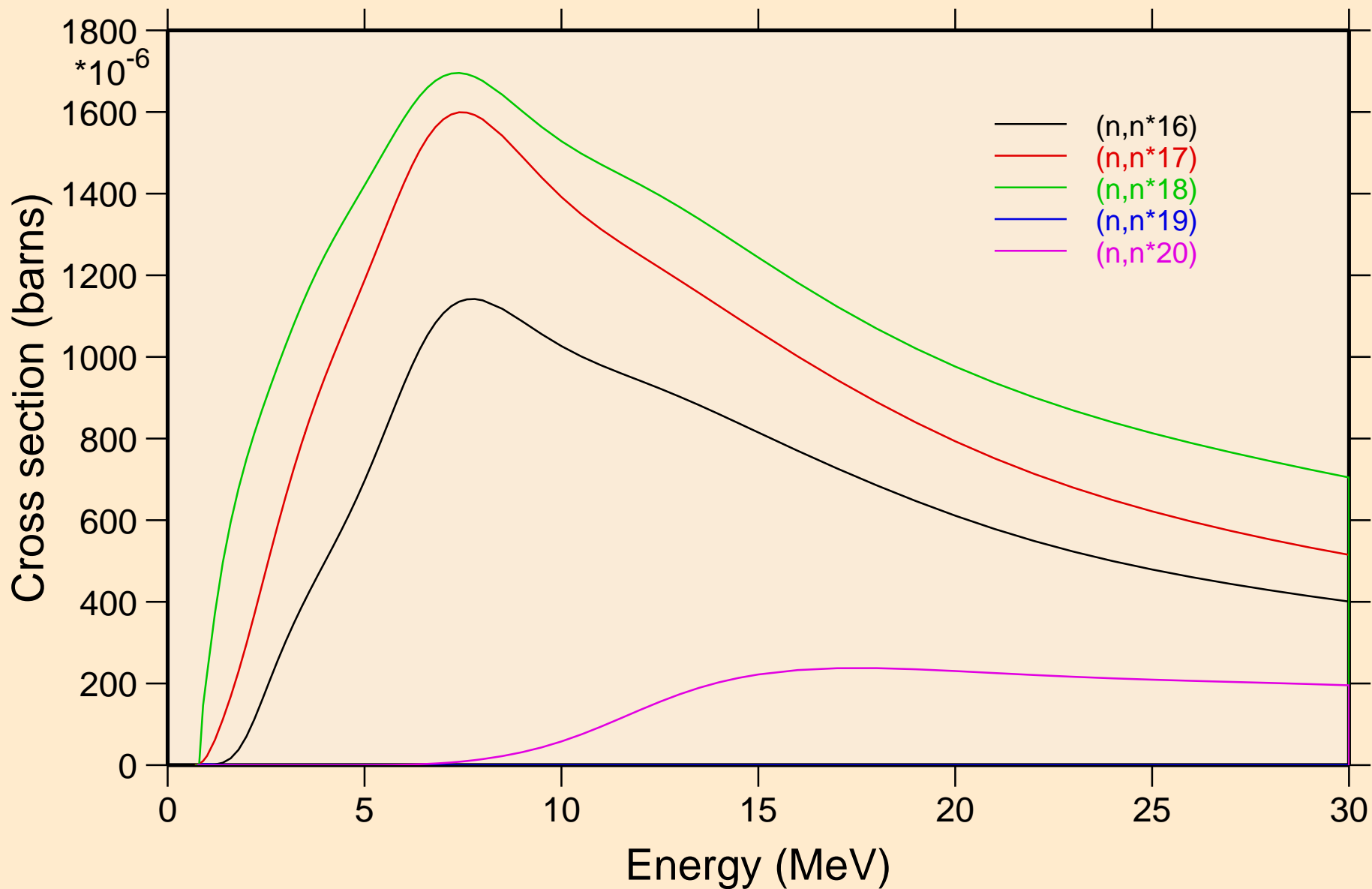
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



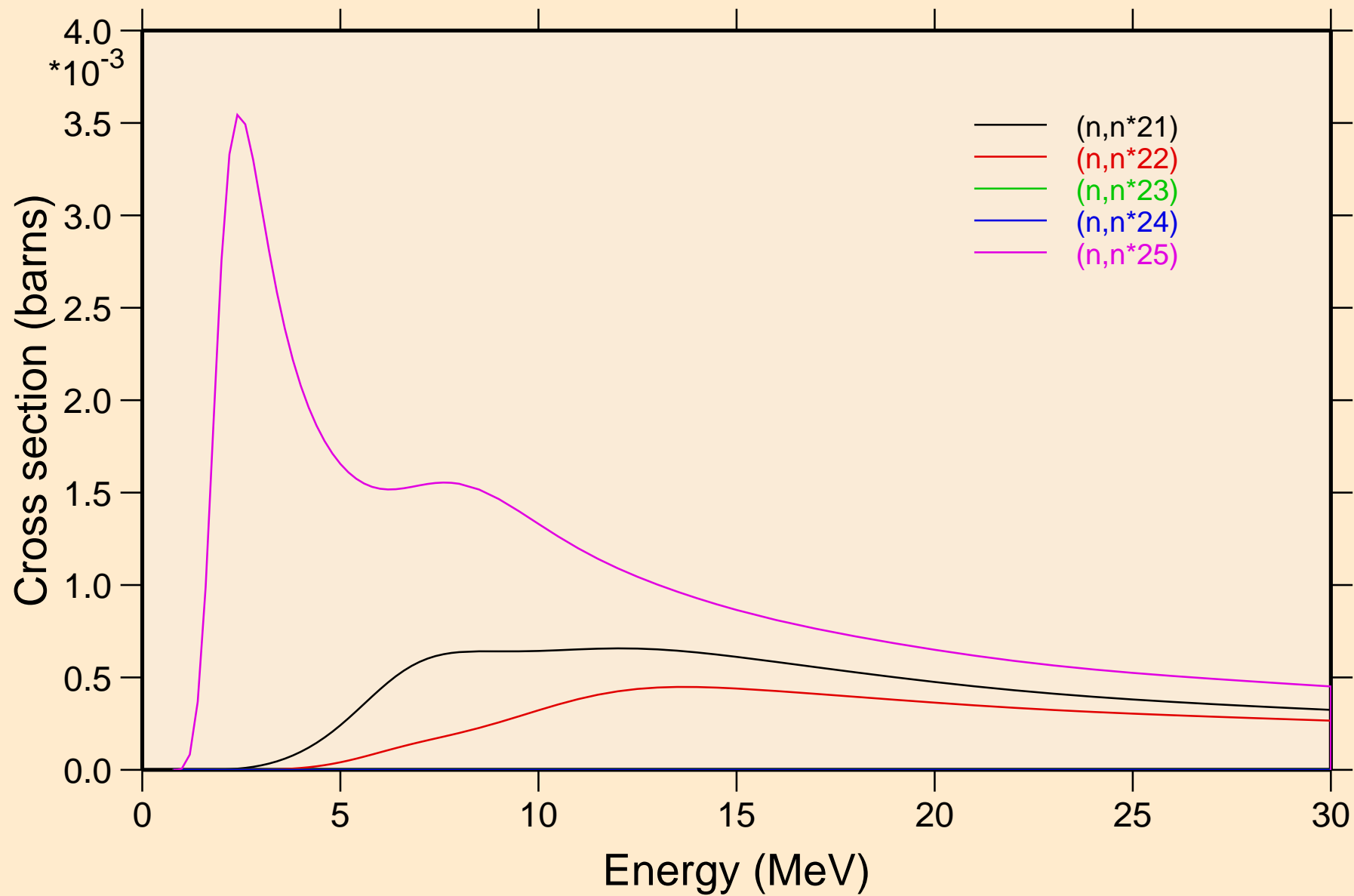
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



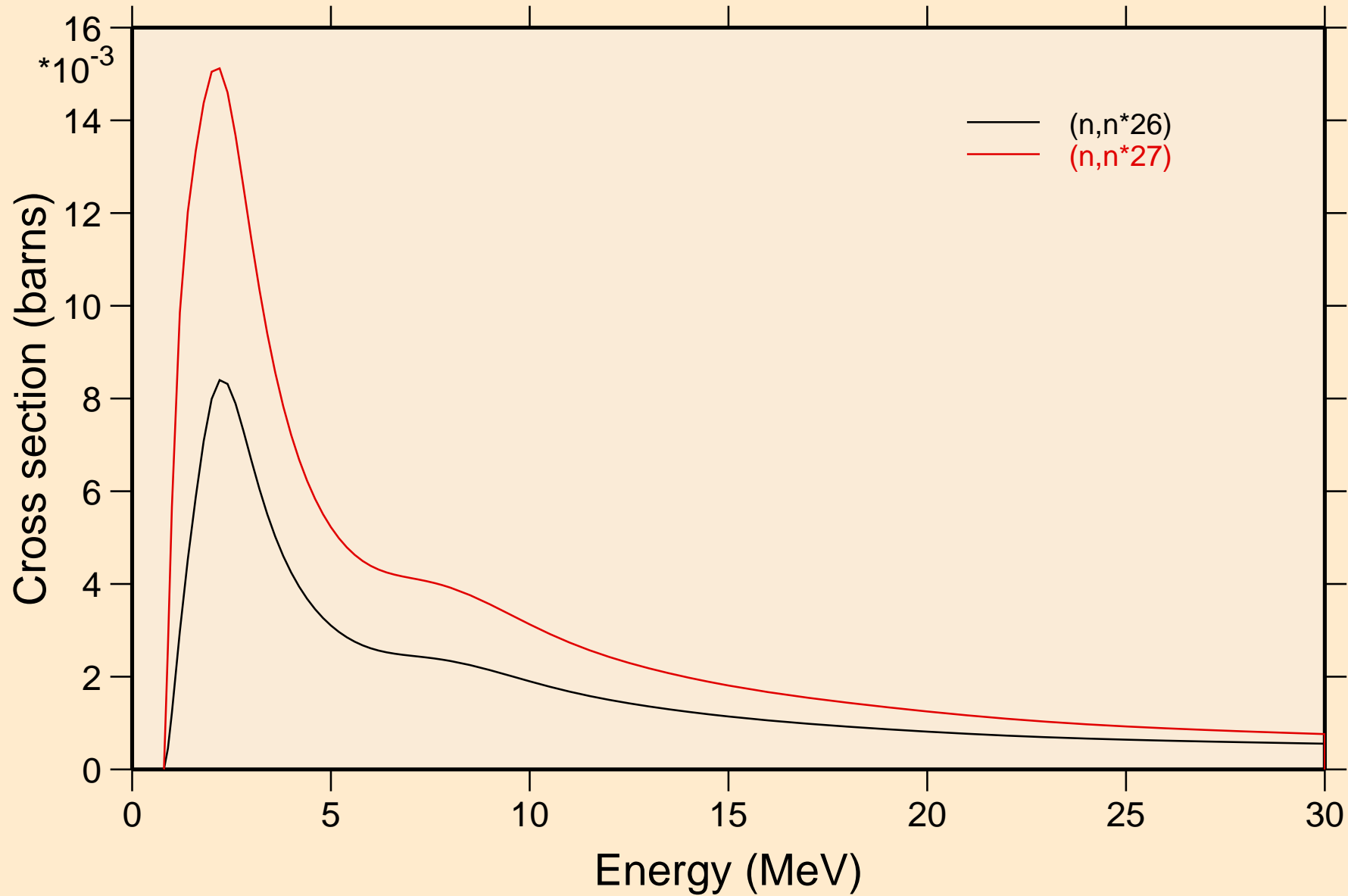
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



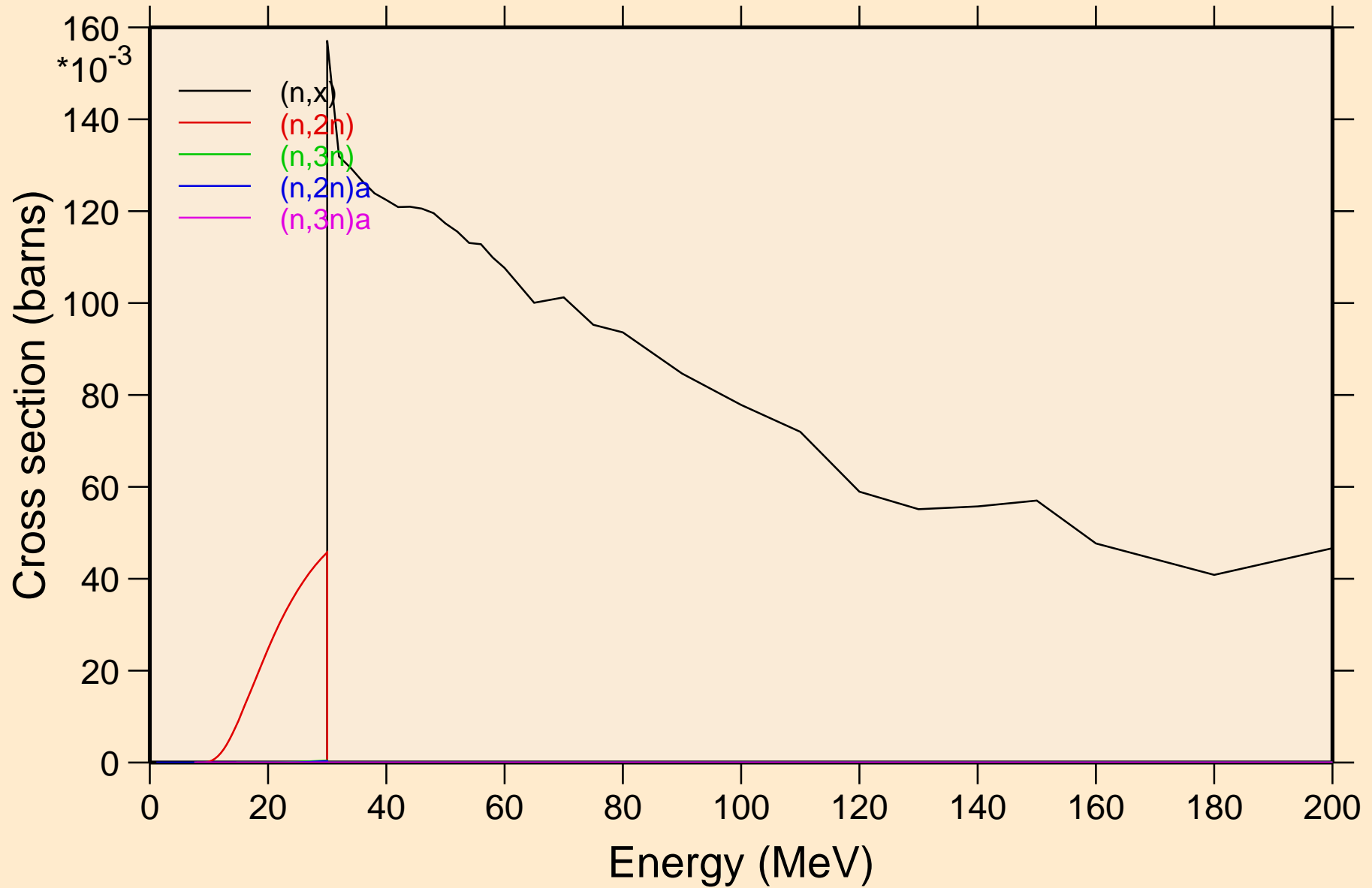
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

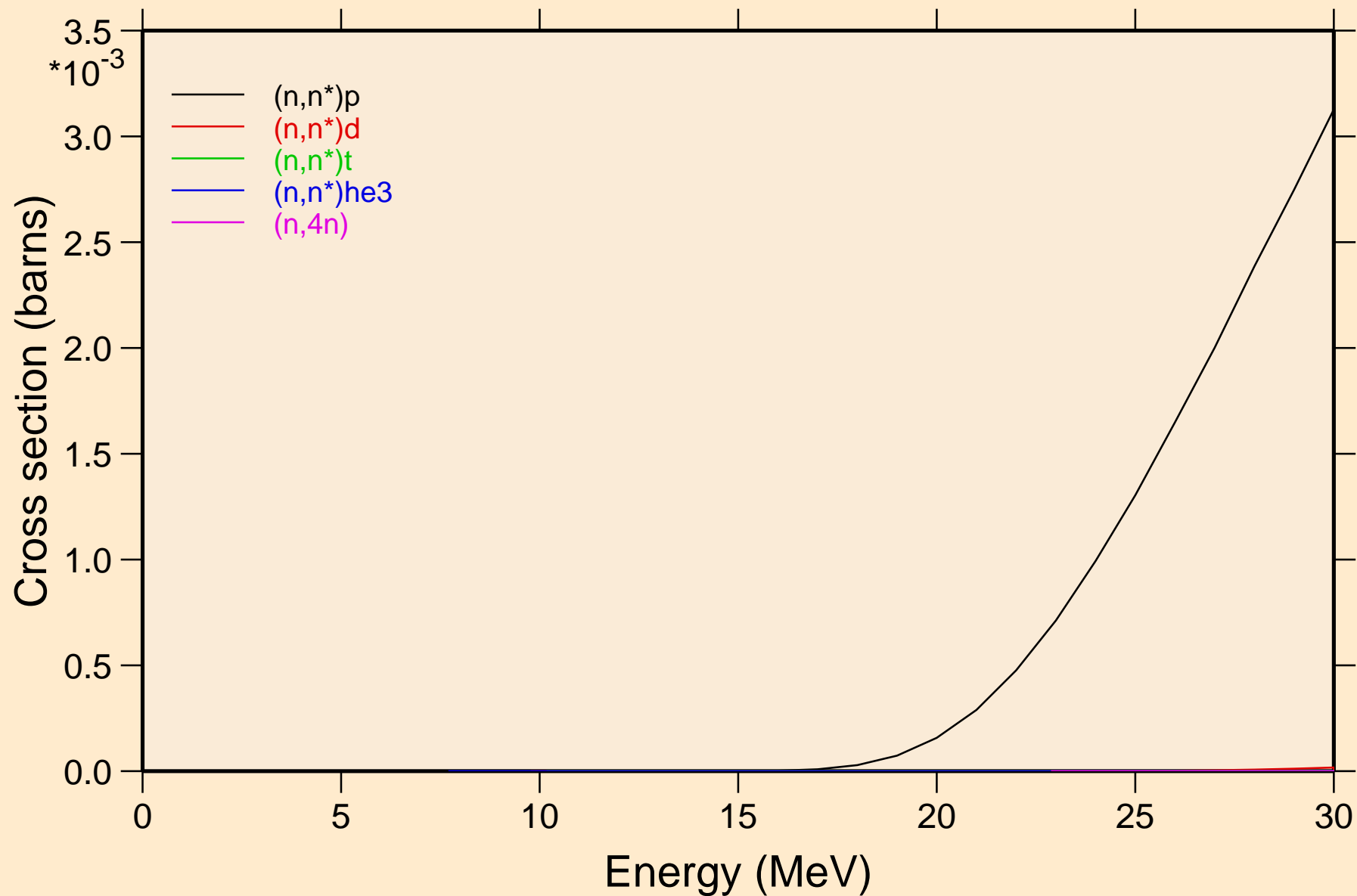


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

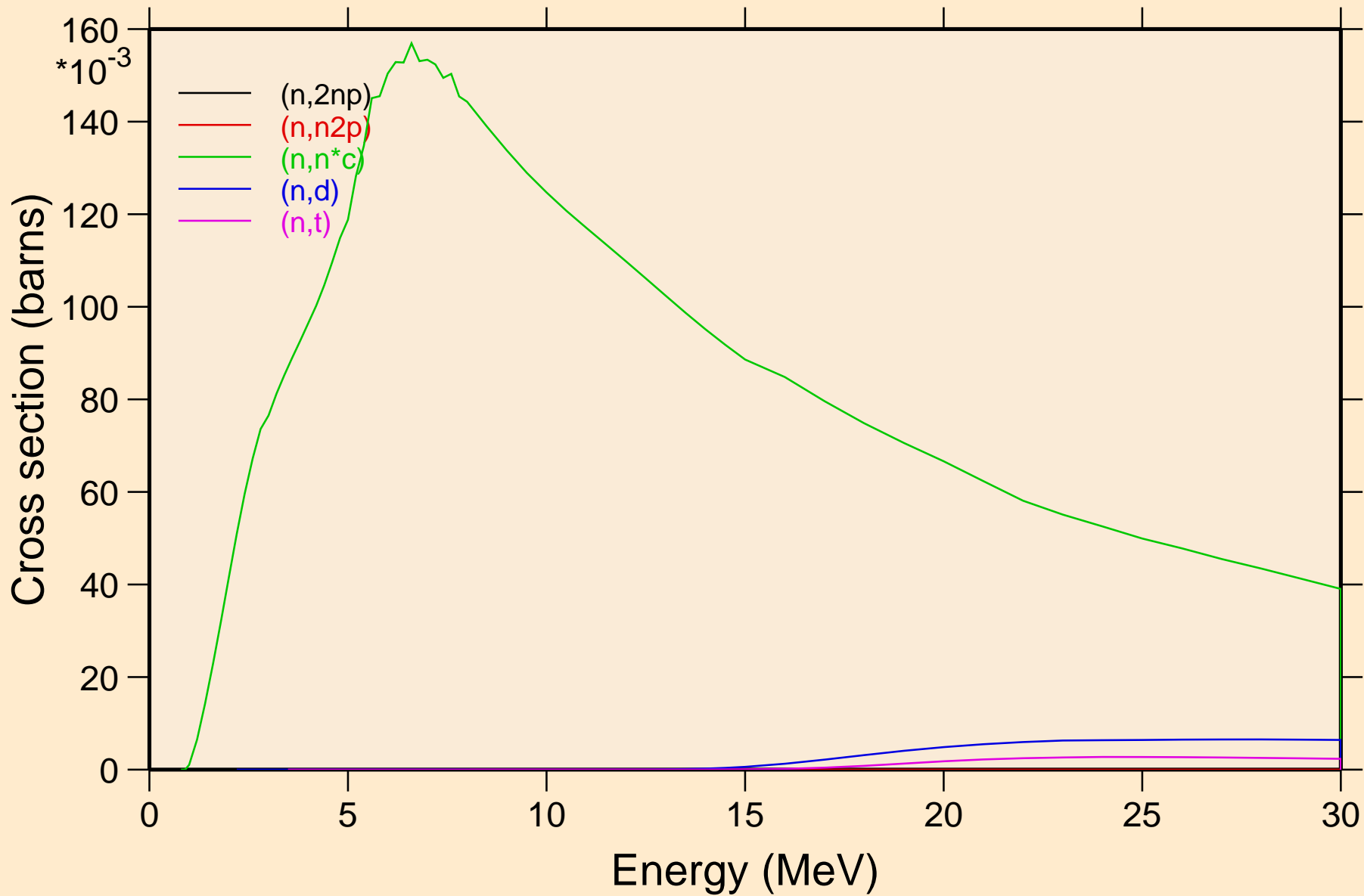
## Threshold reactions





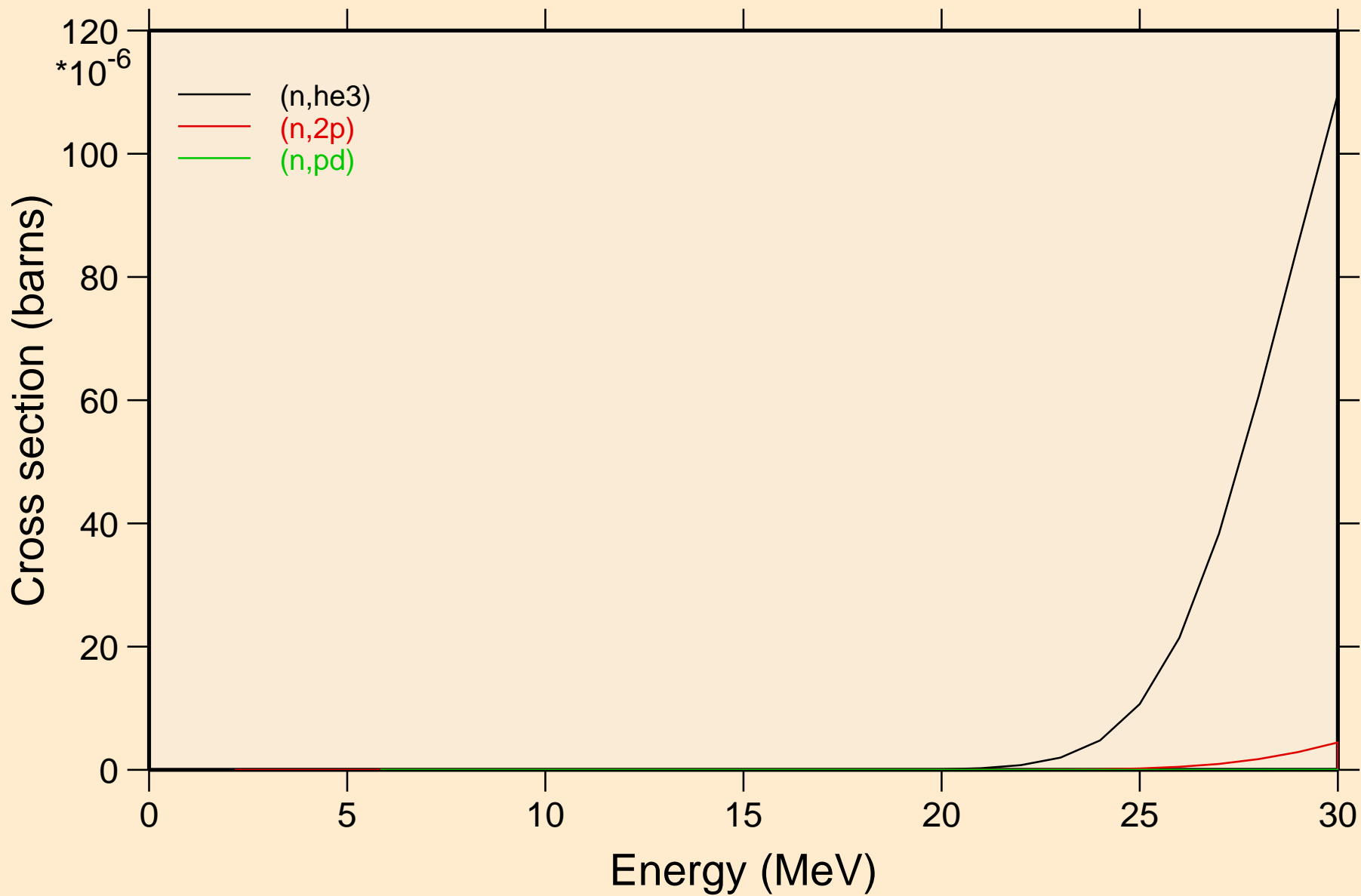
# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

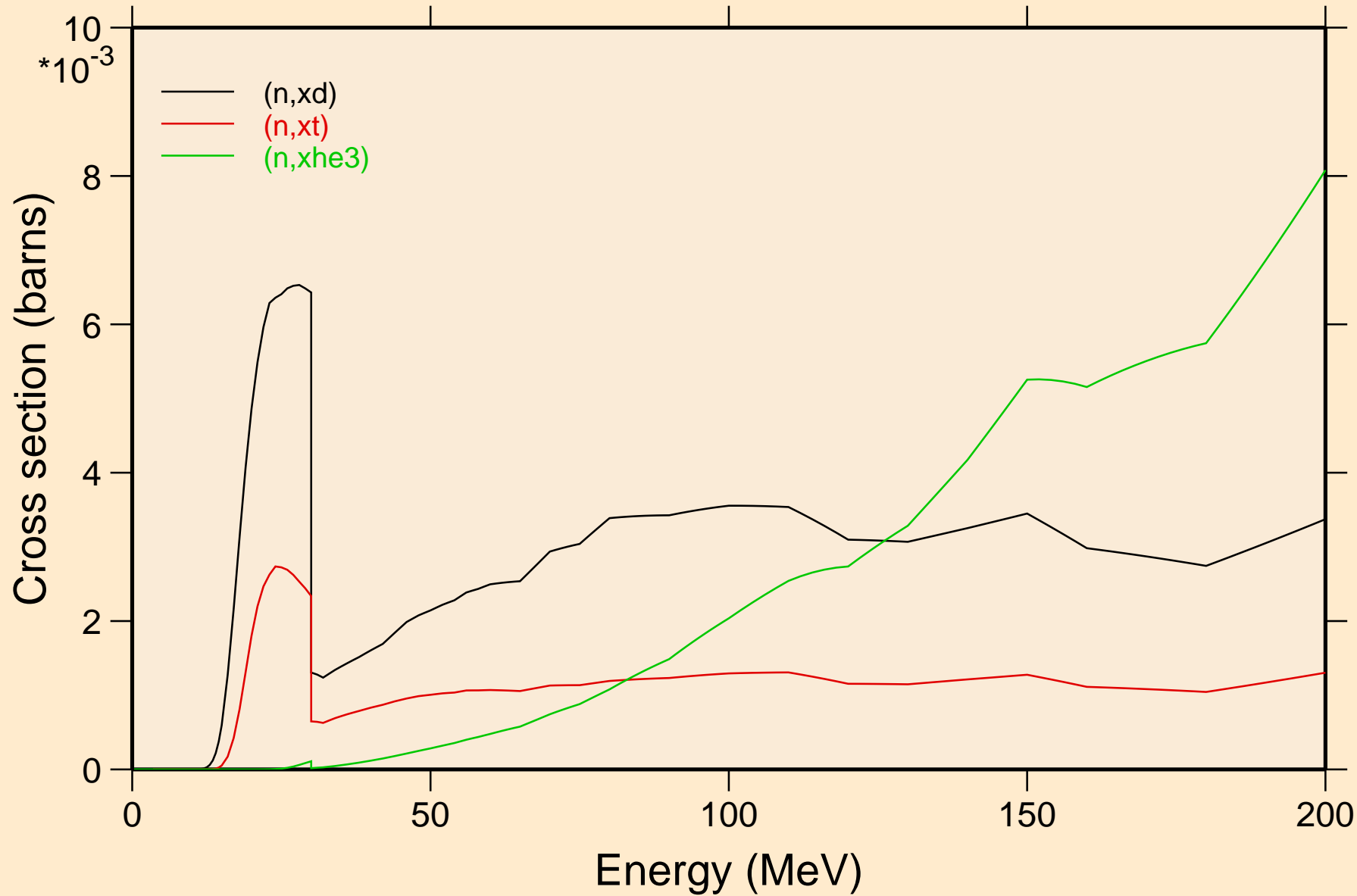


# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

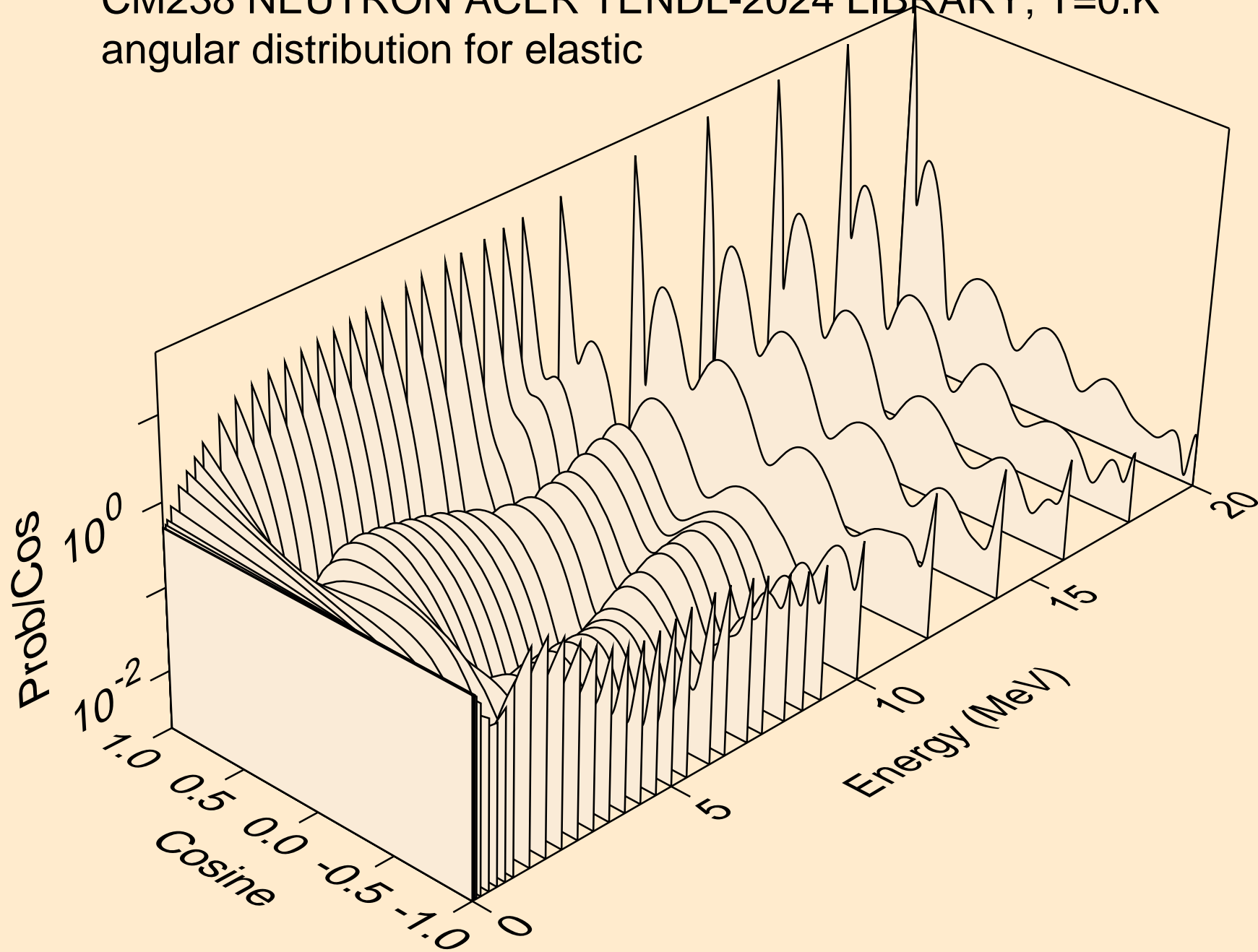
## Threshold reactions



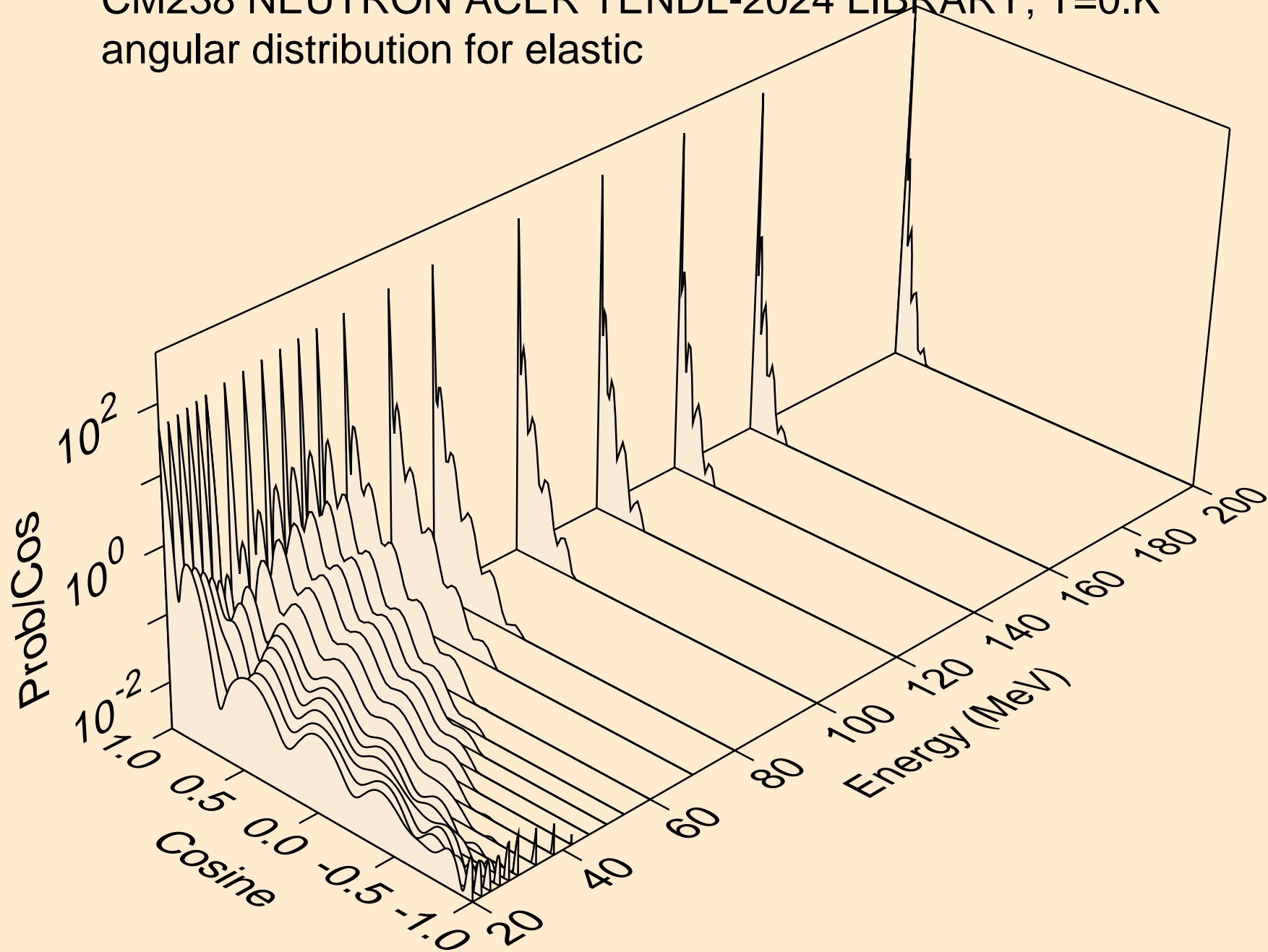
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



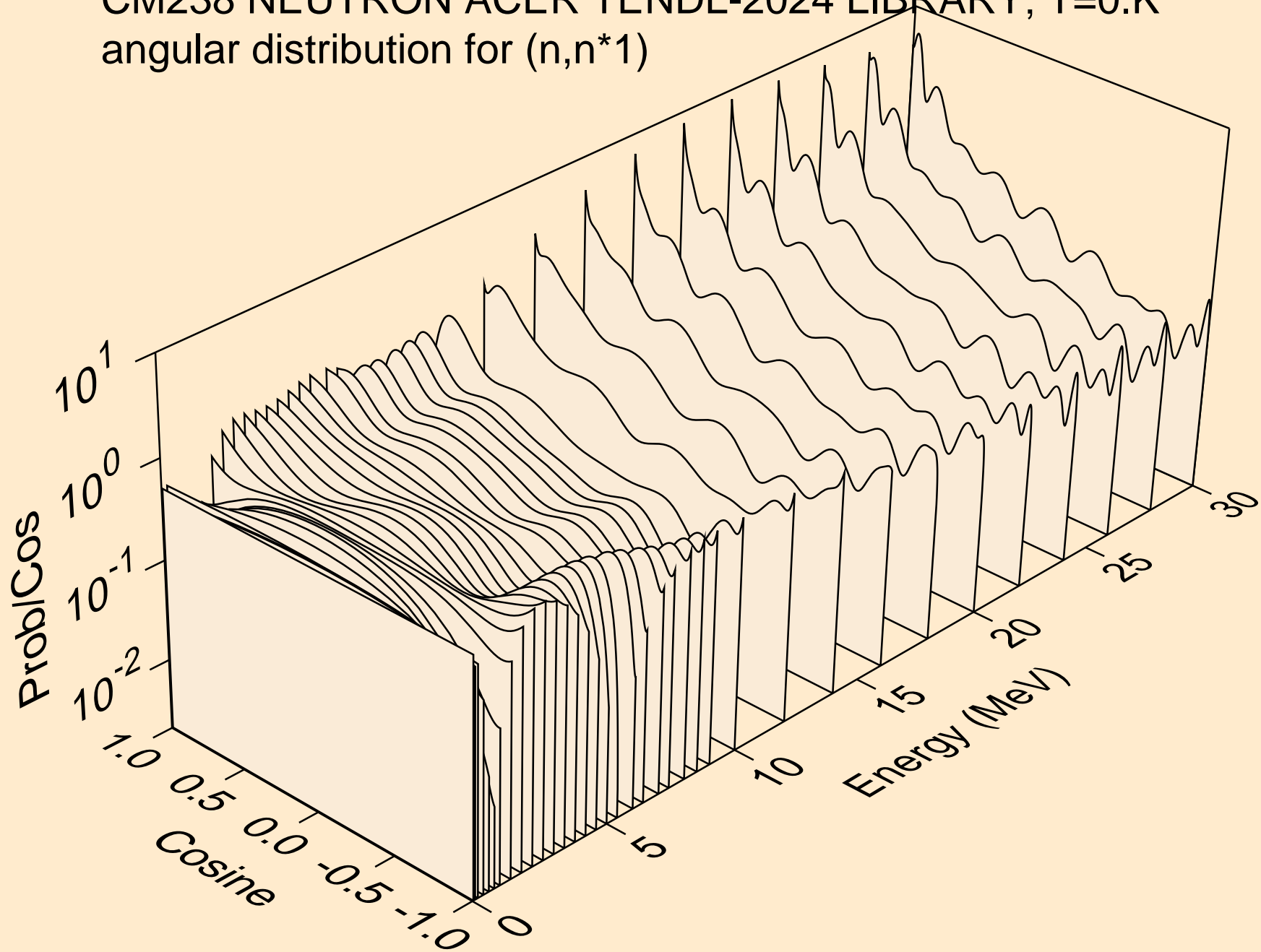
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



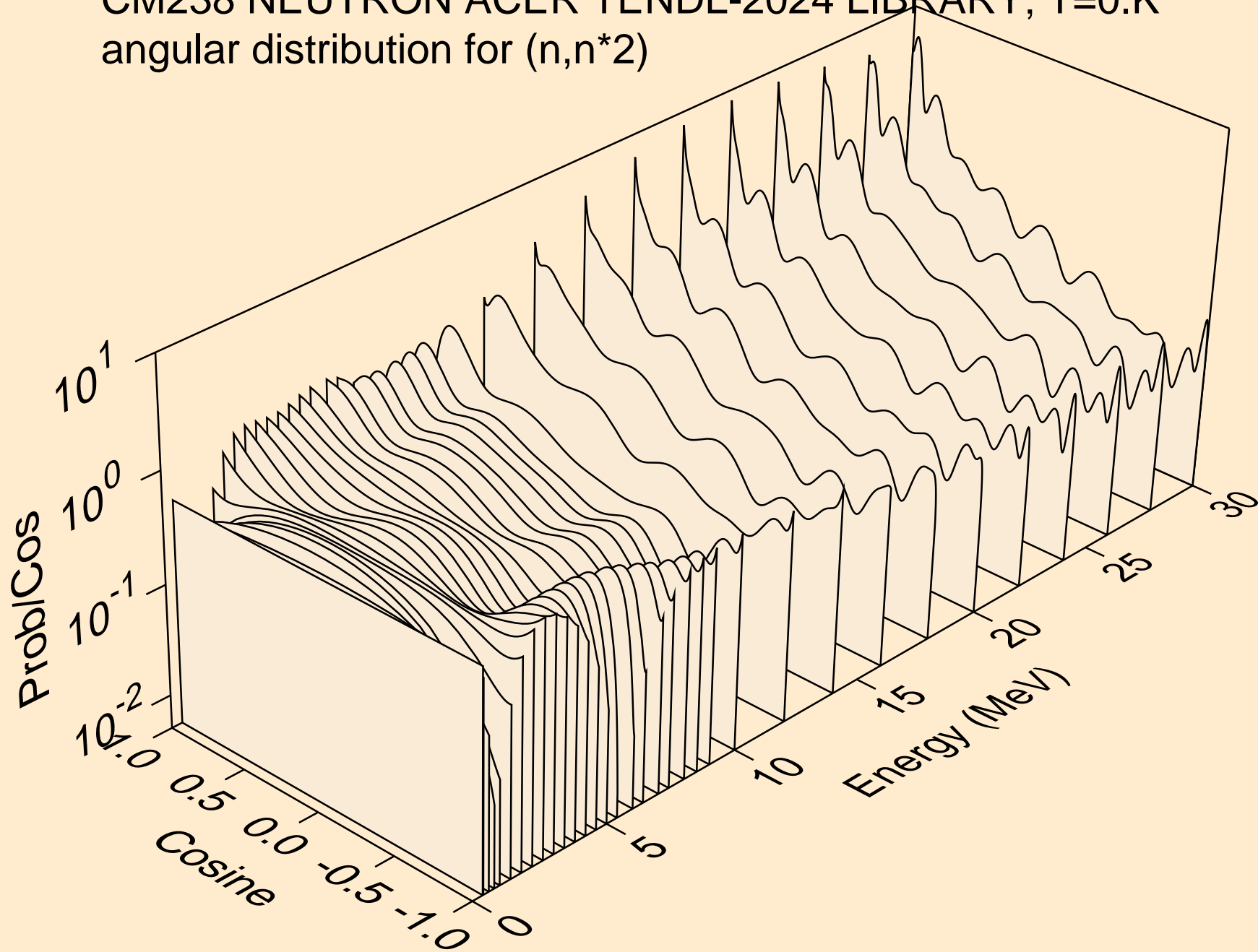
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



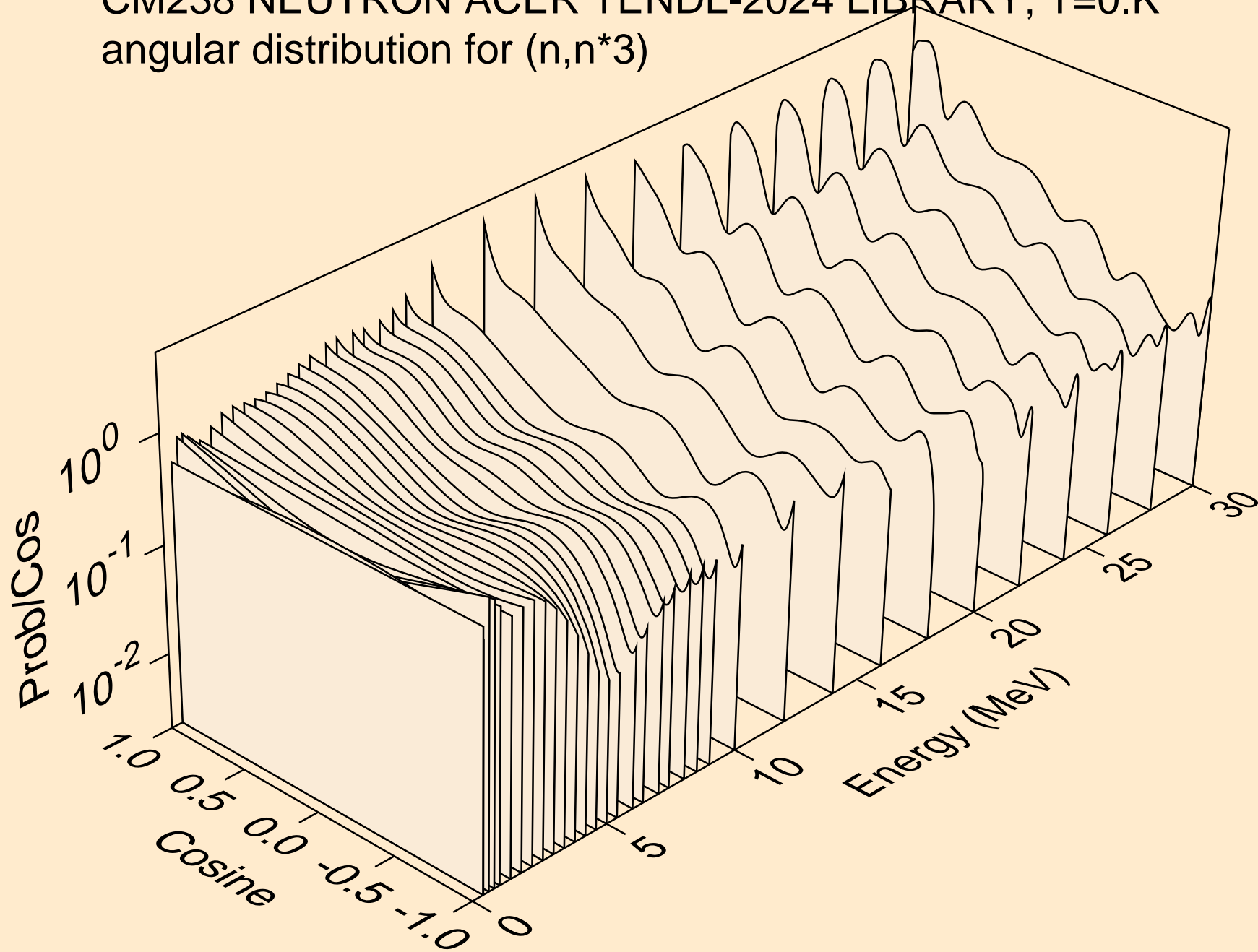
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)

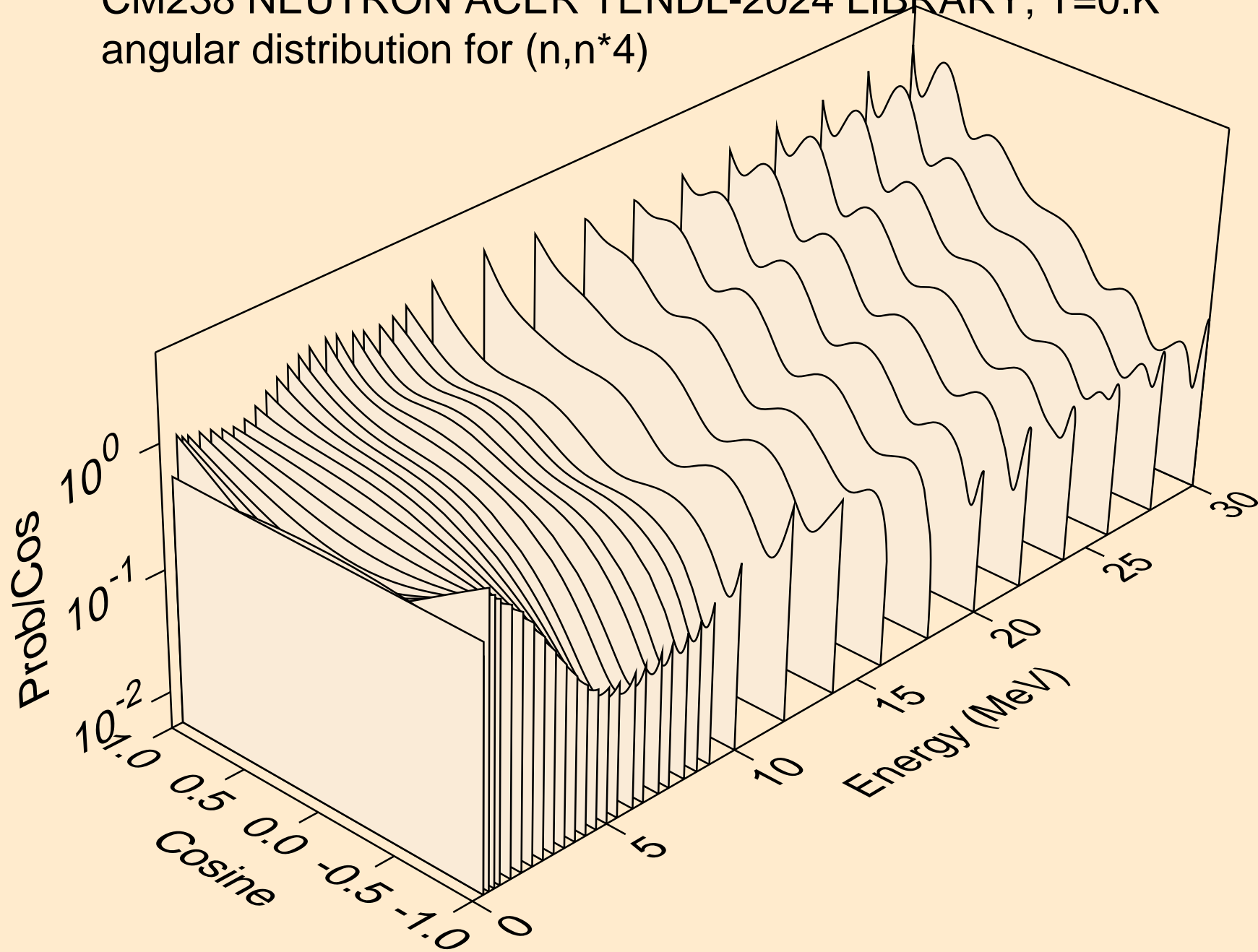


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)

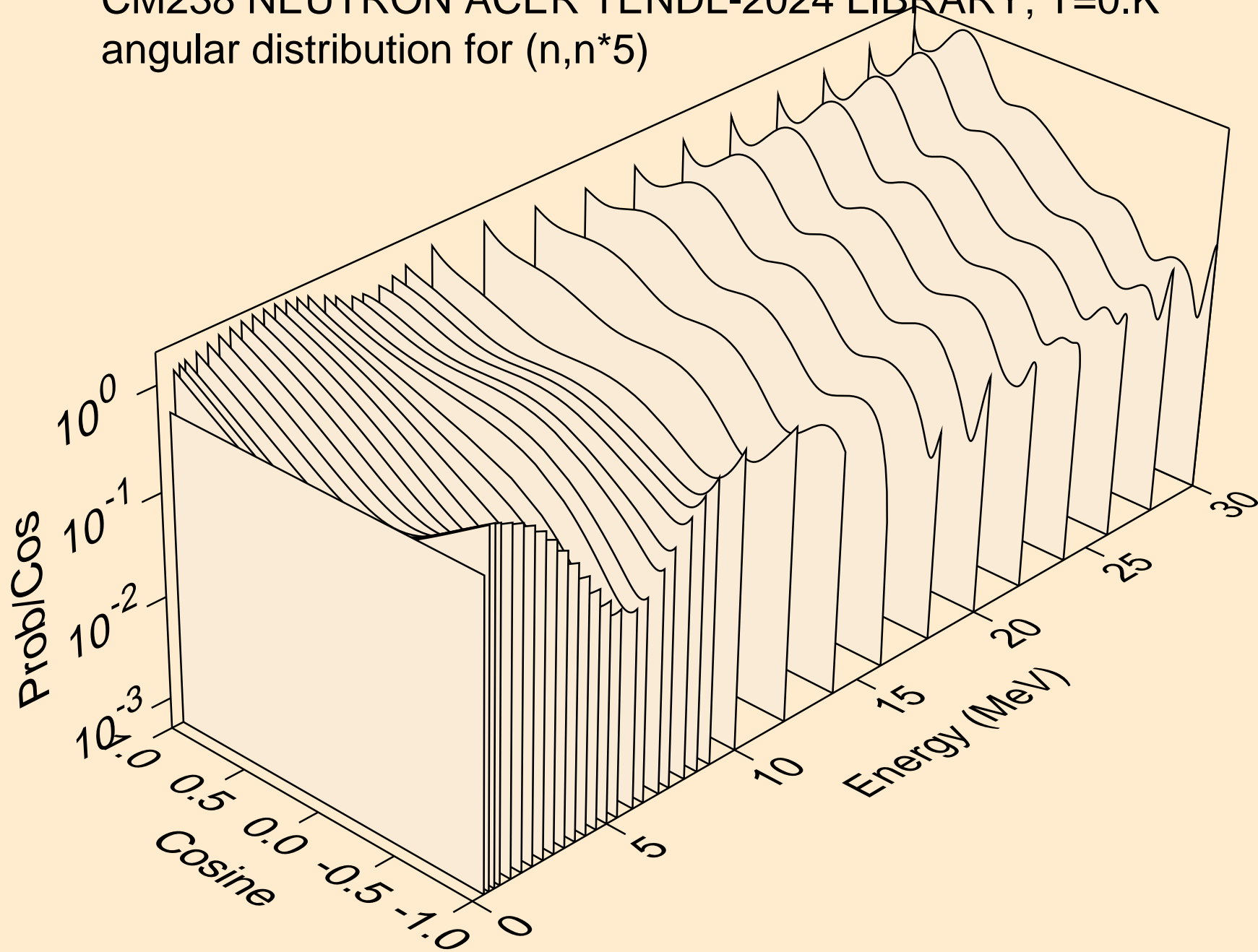




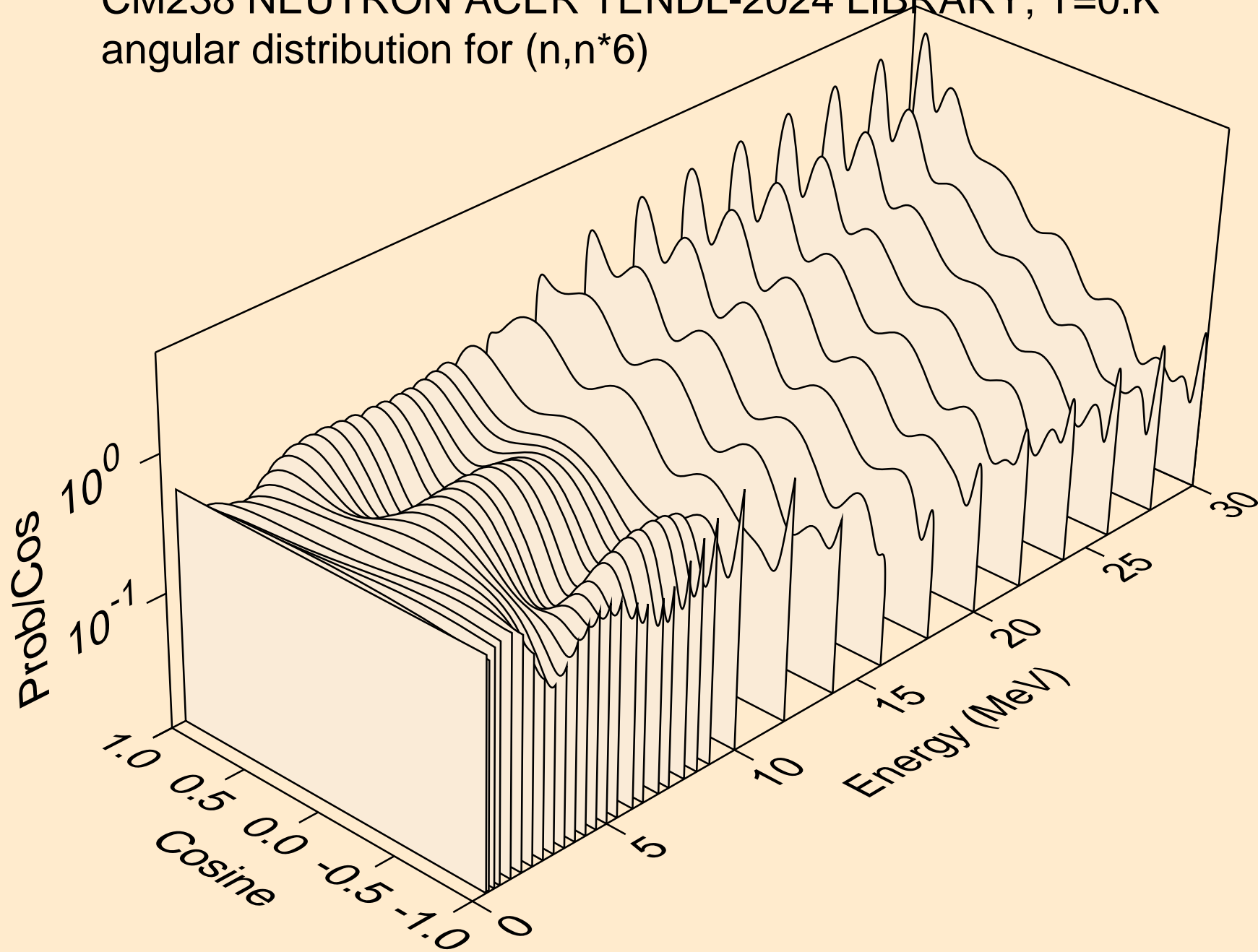
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



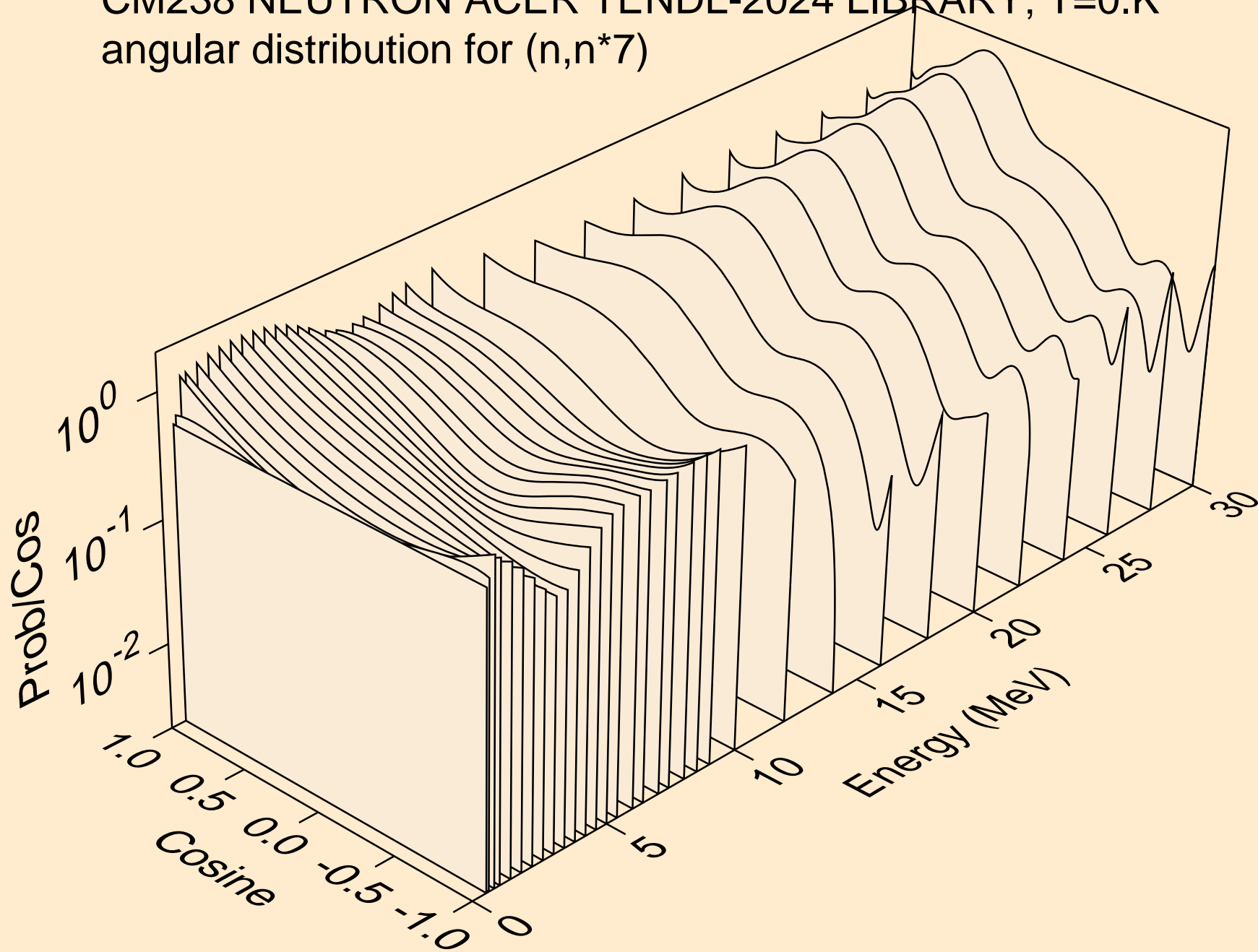
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



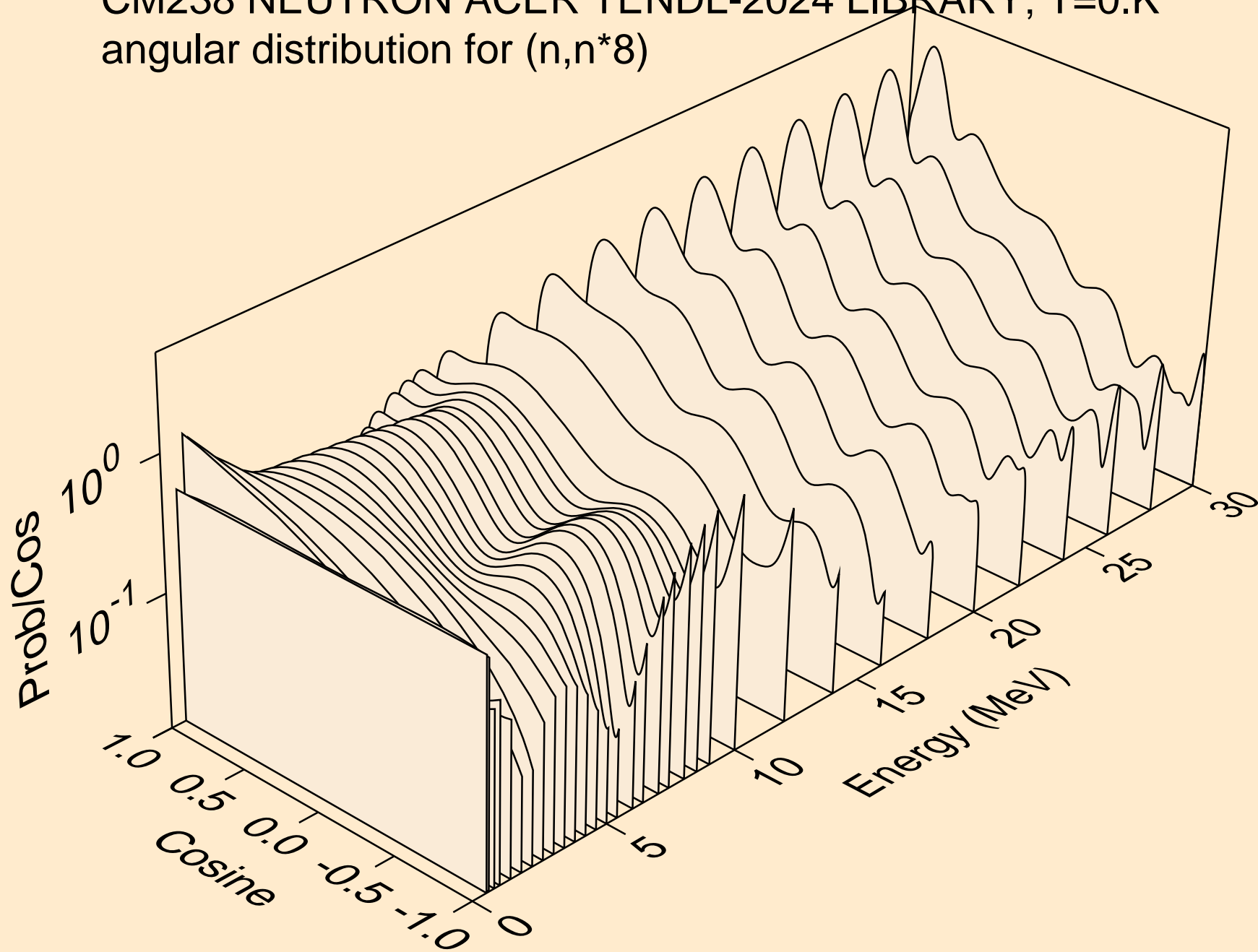
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



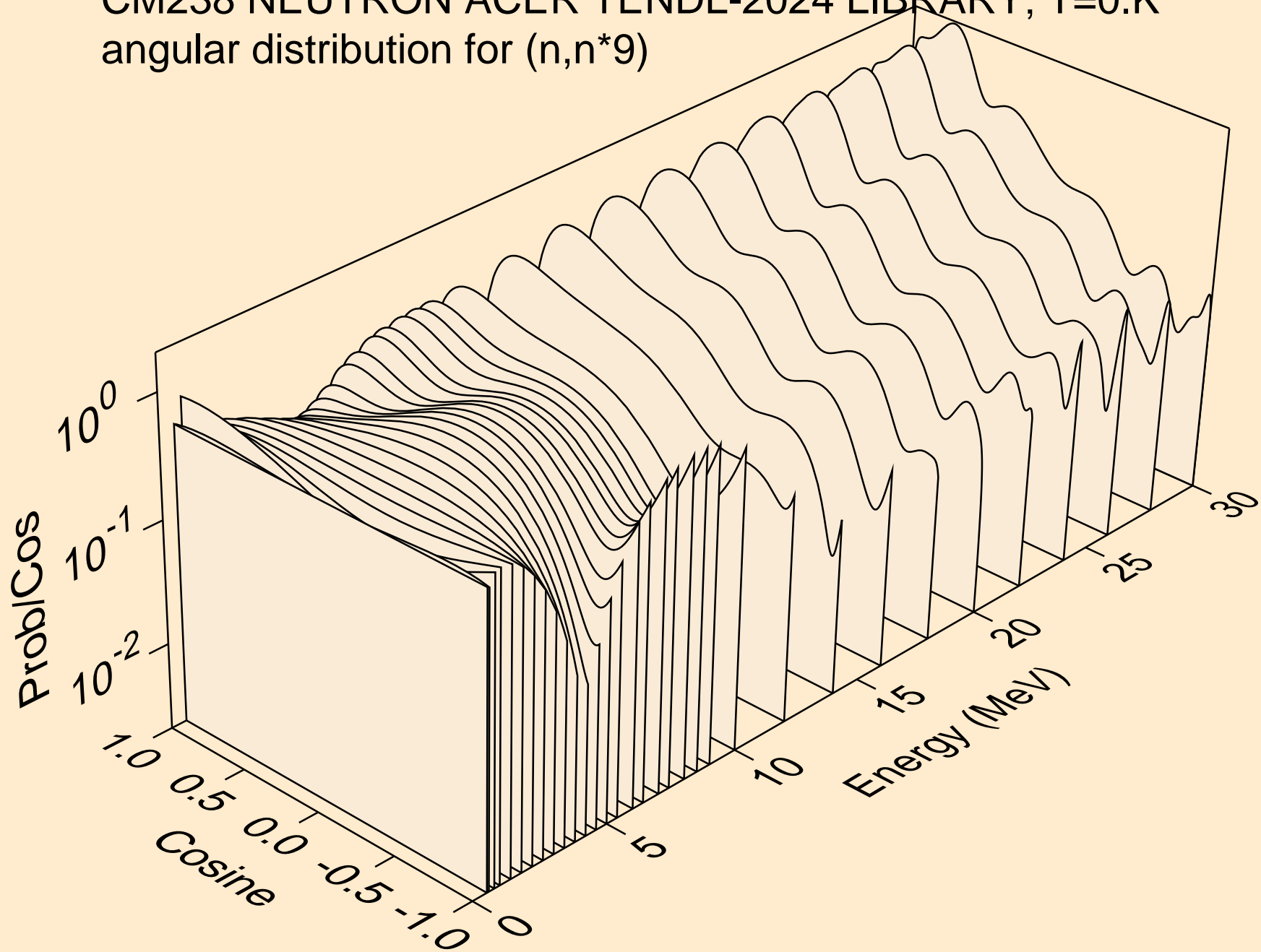
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)



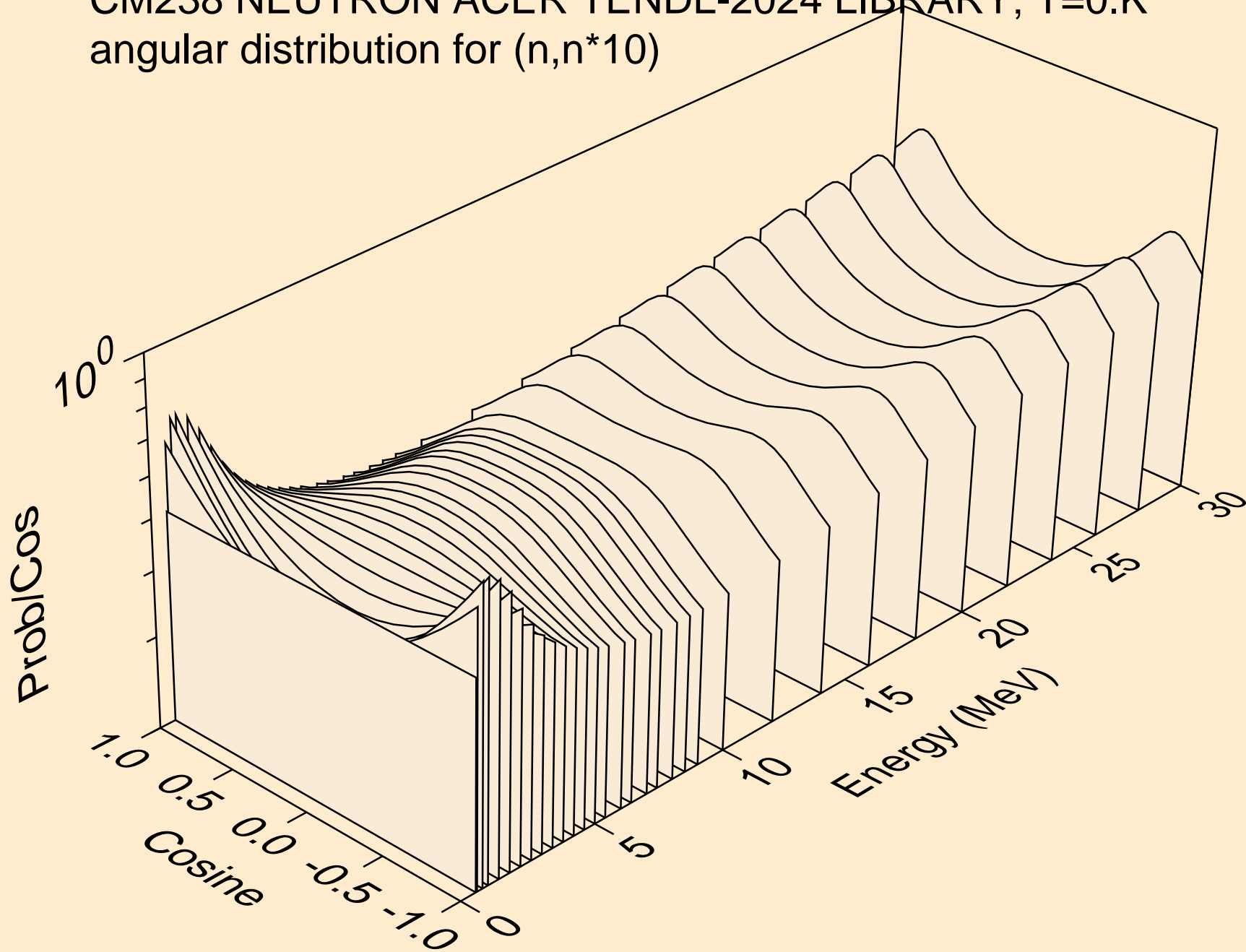
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)



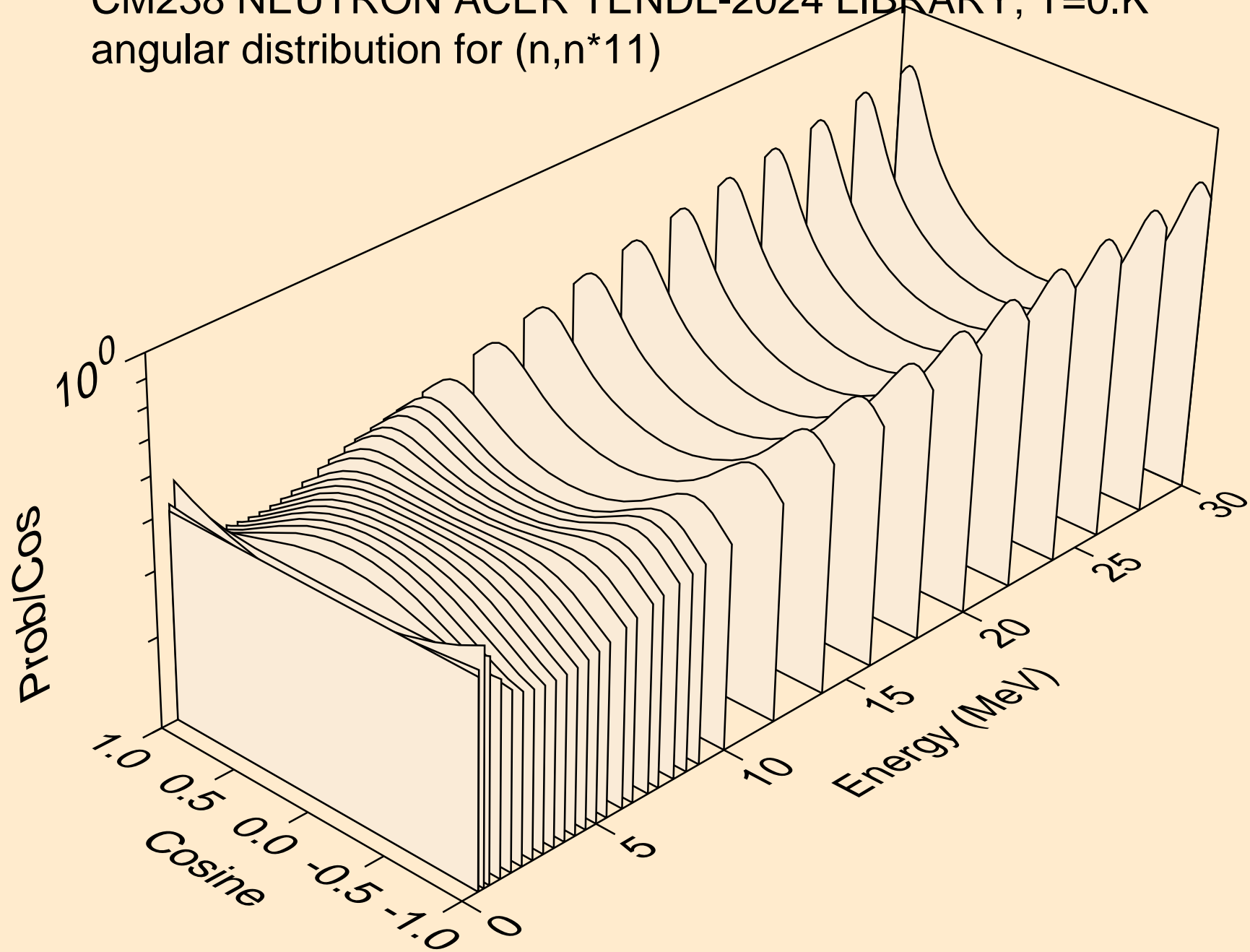
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)

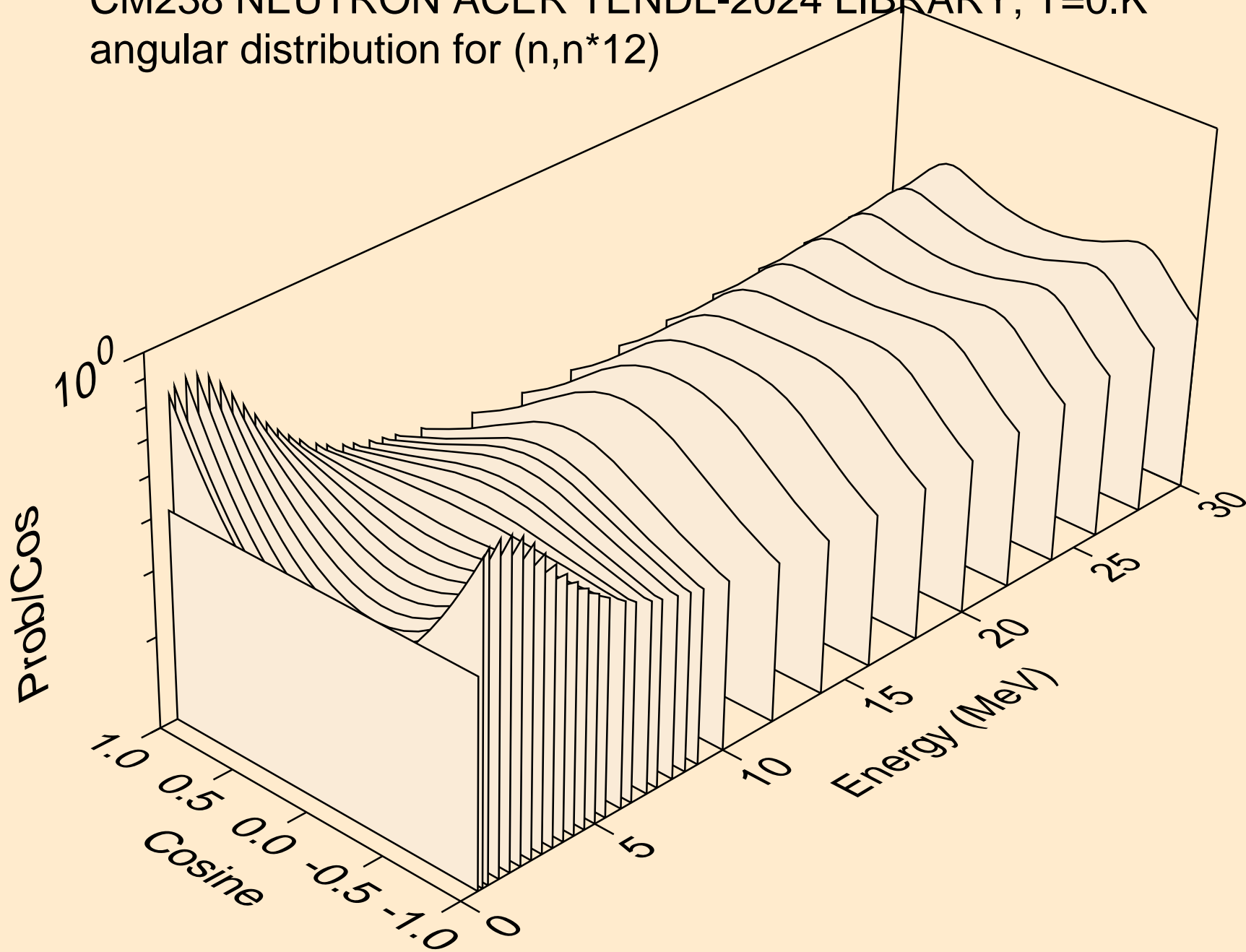


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*11)

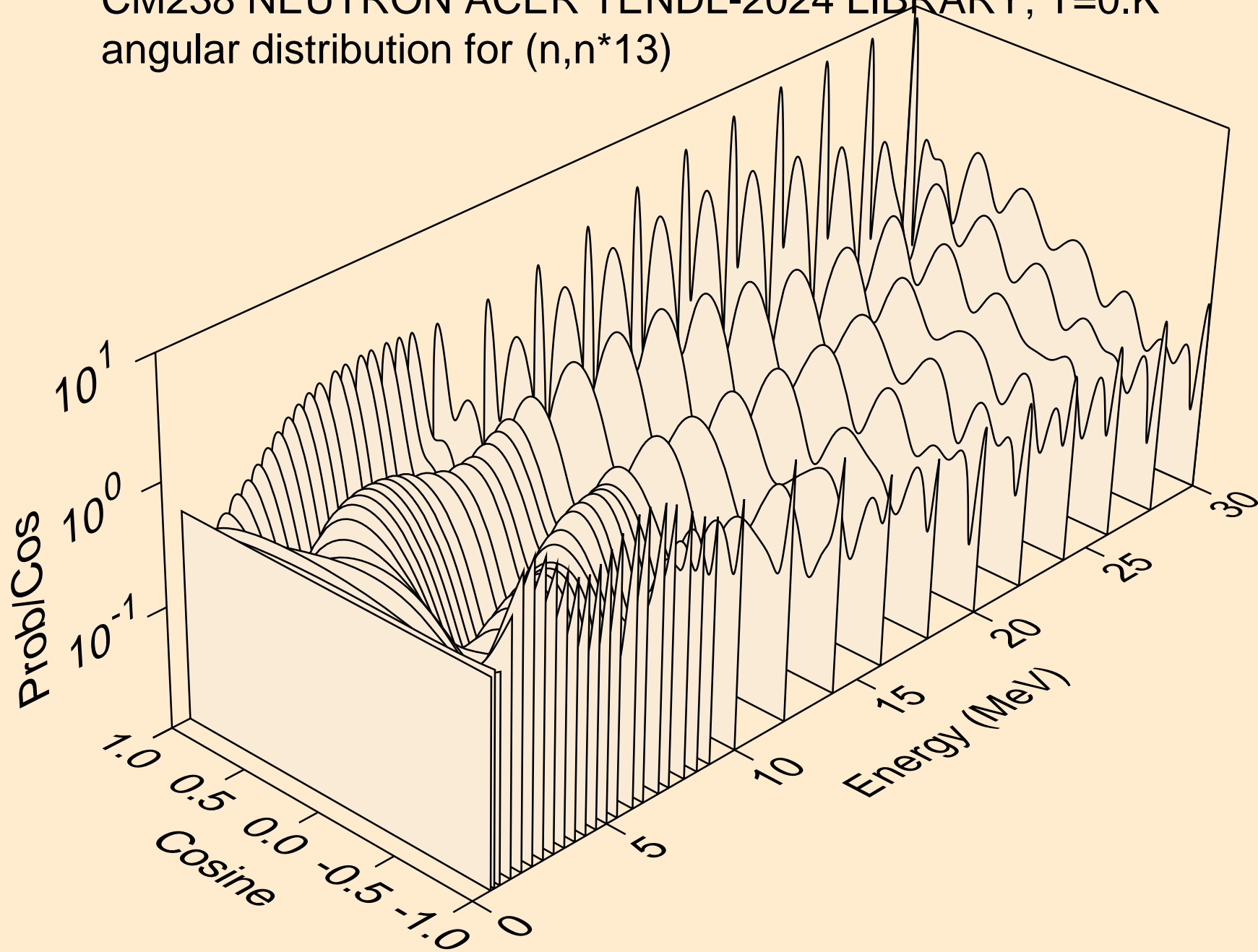




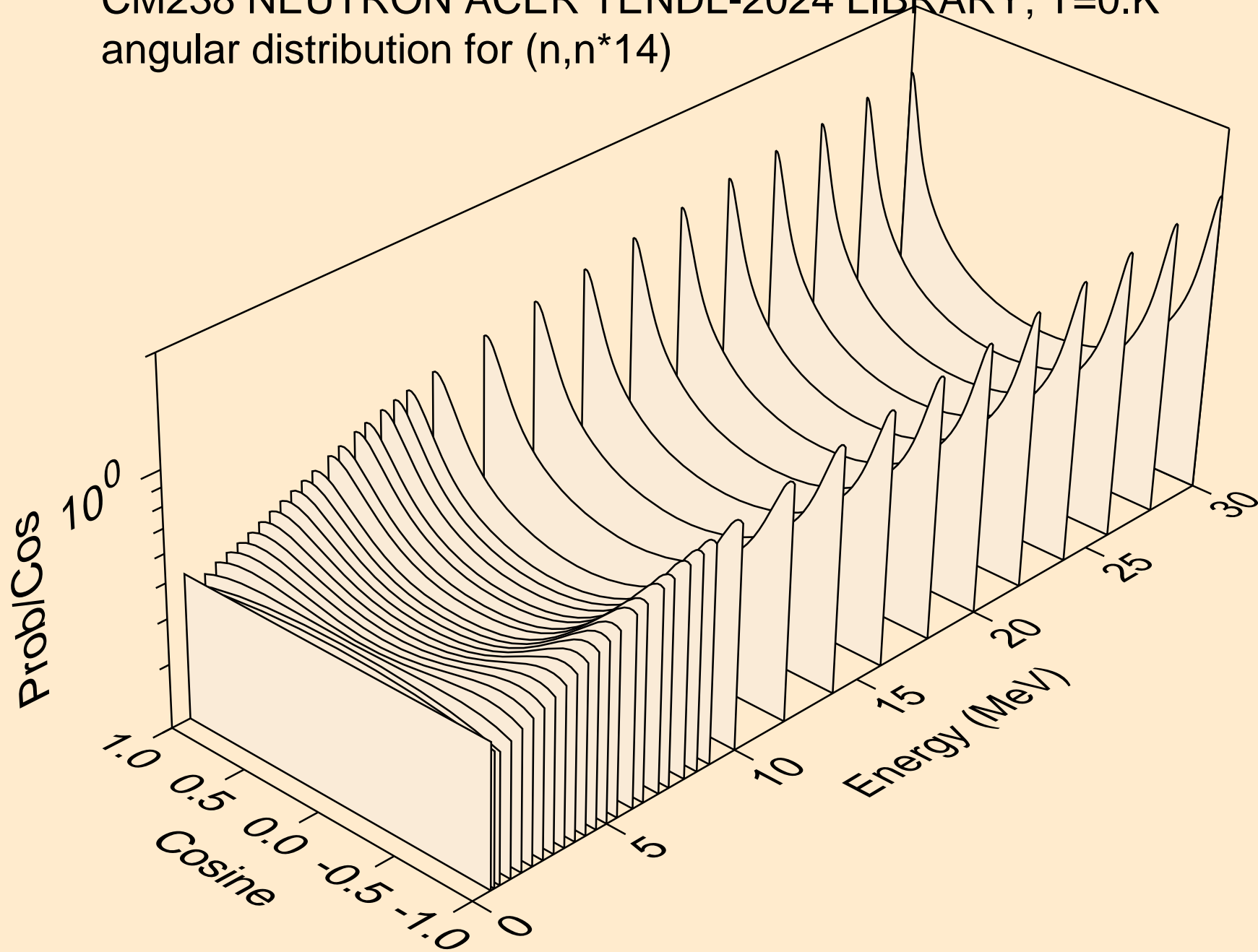
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*12)



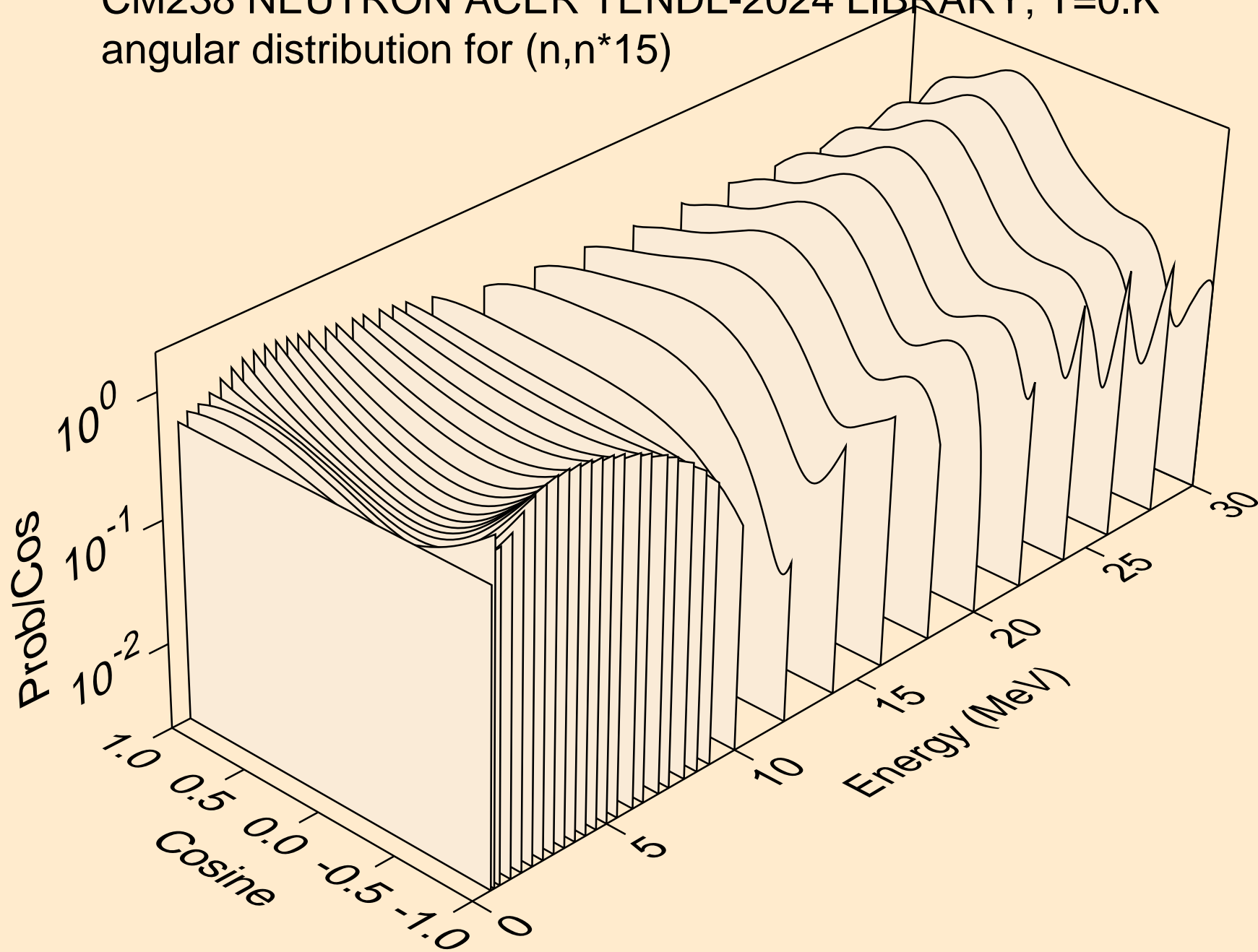
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*13)



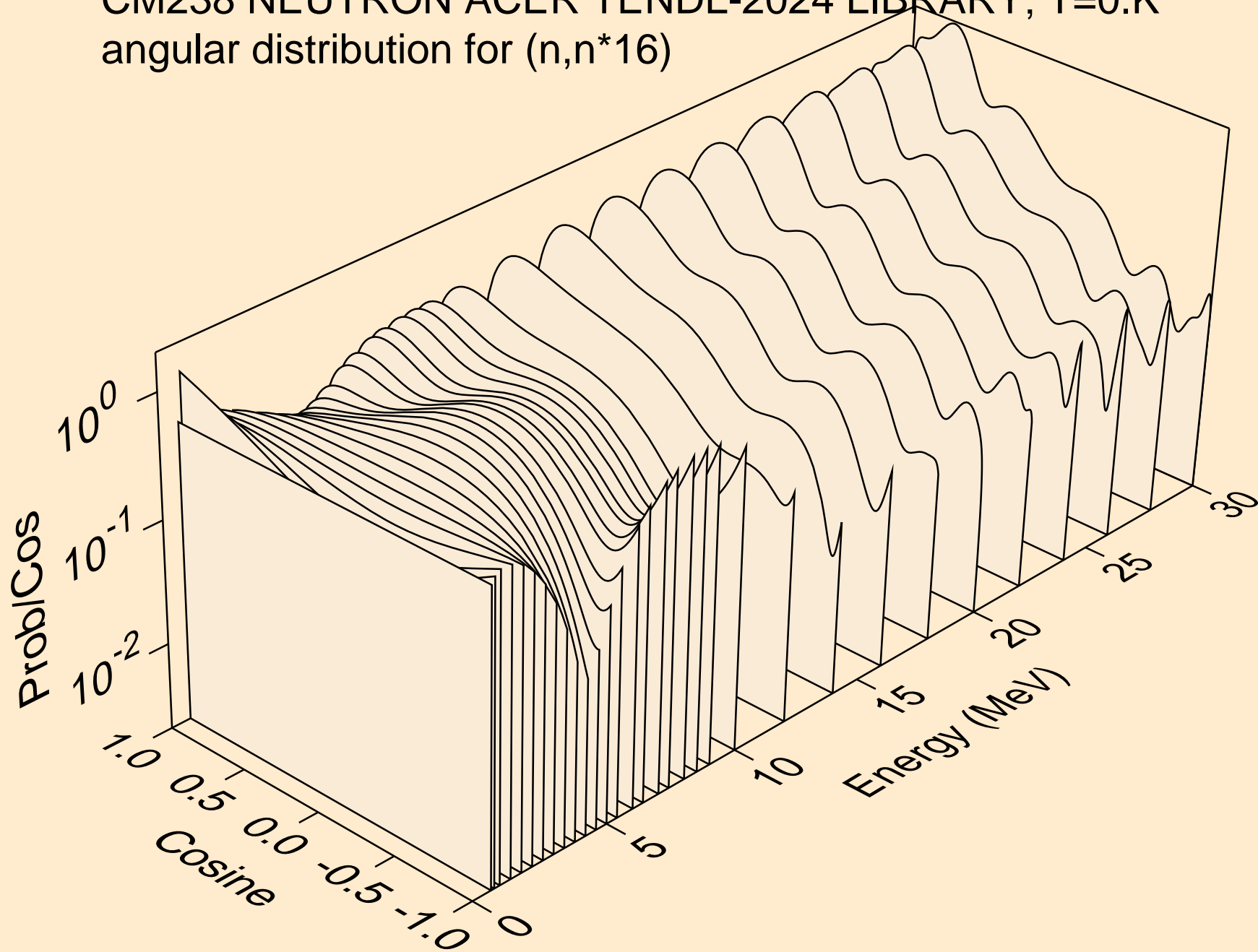
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angular distribution for (n,n\*14)



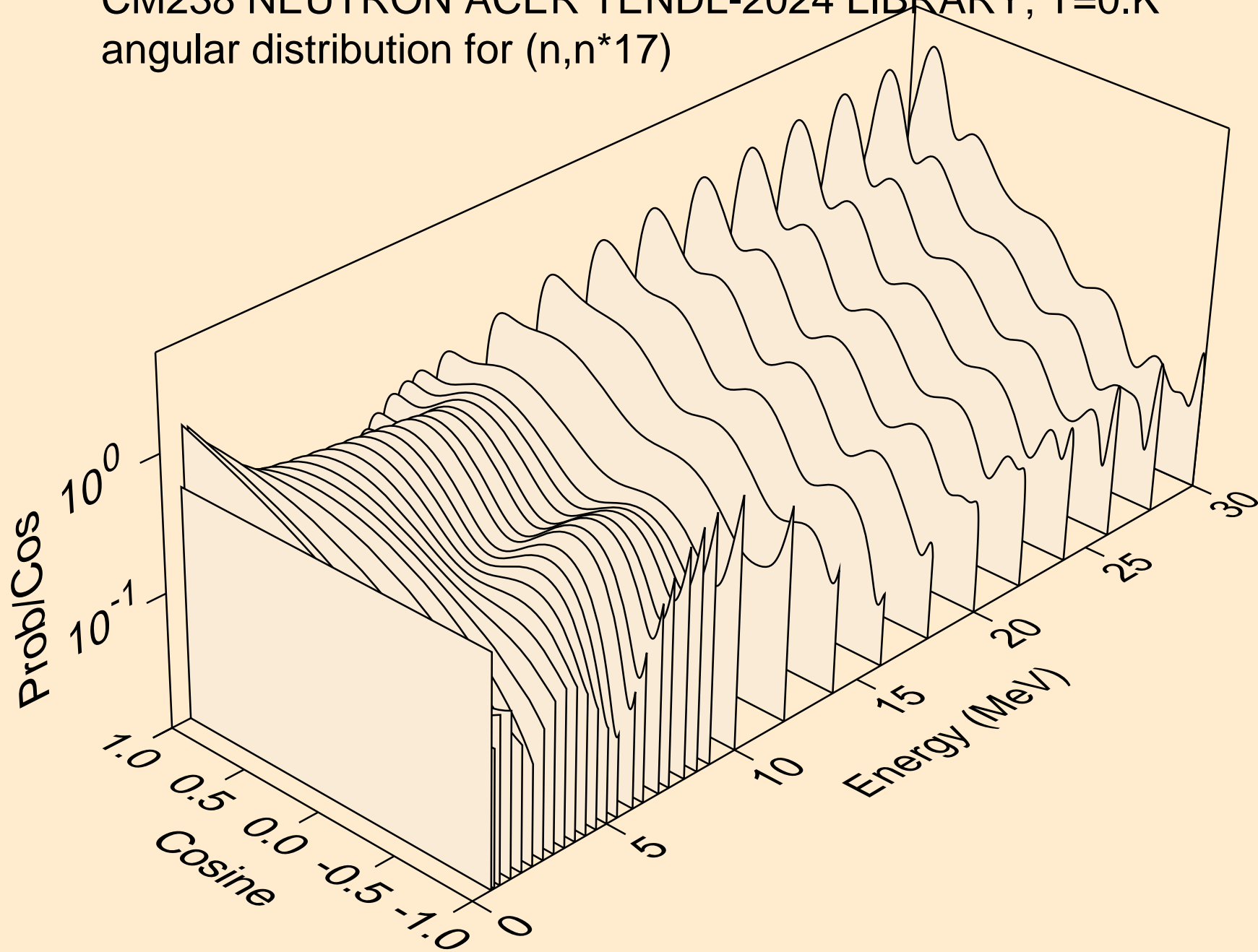
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)



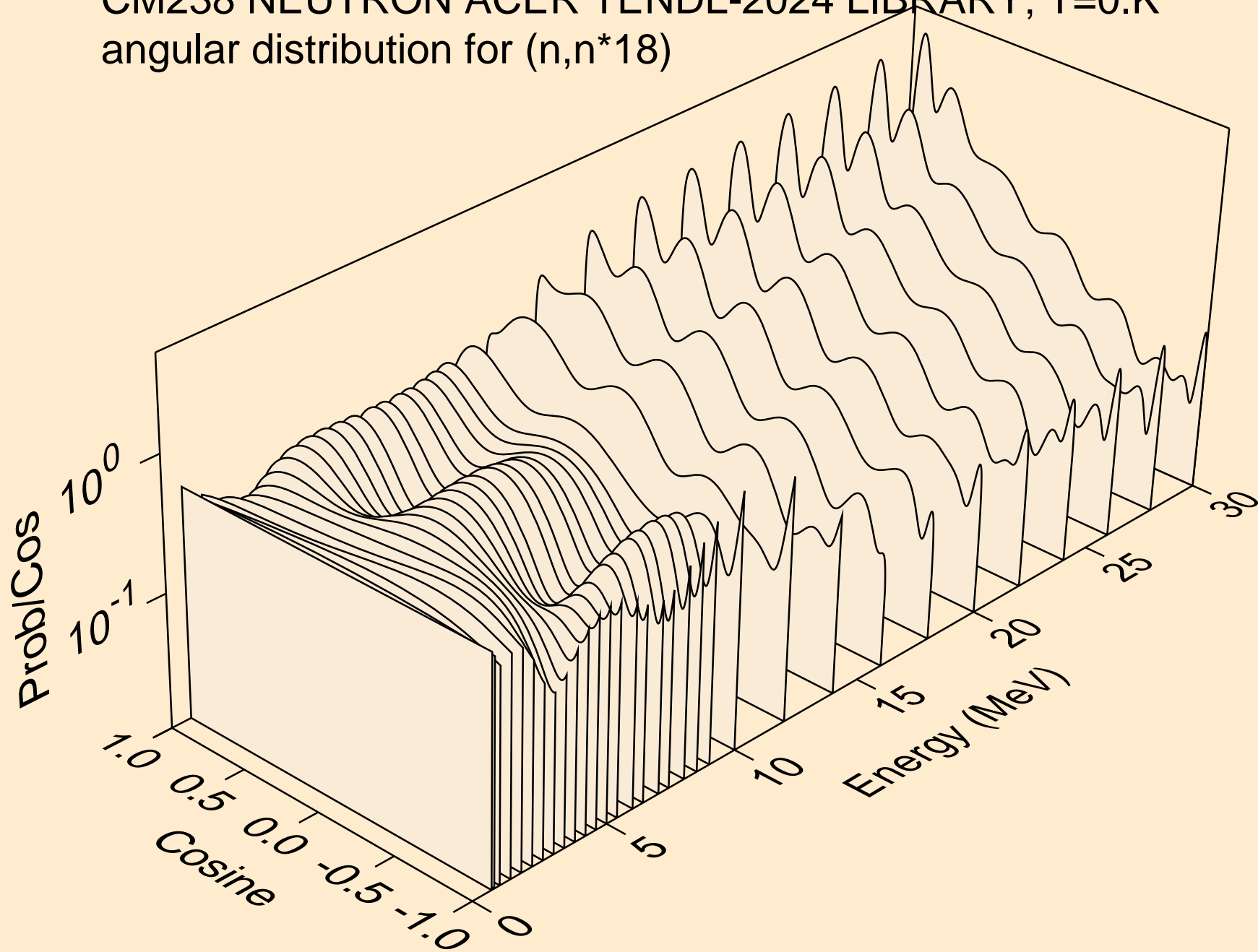
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)



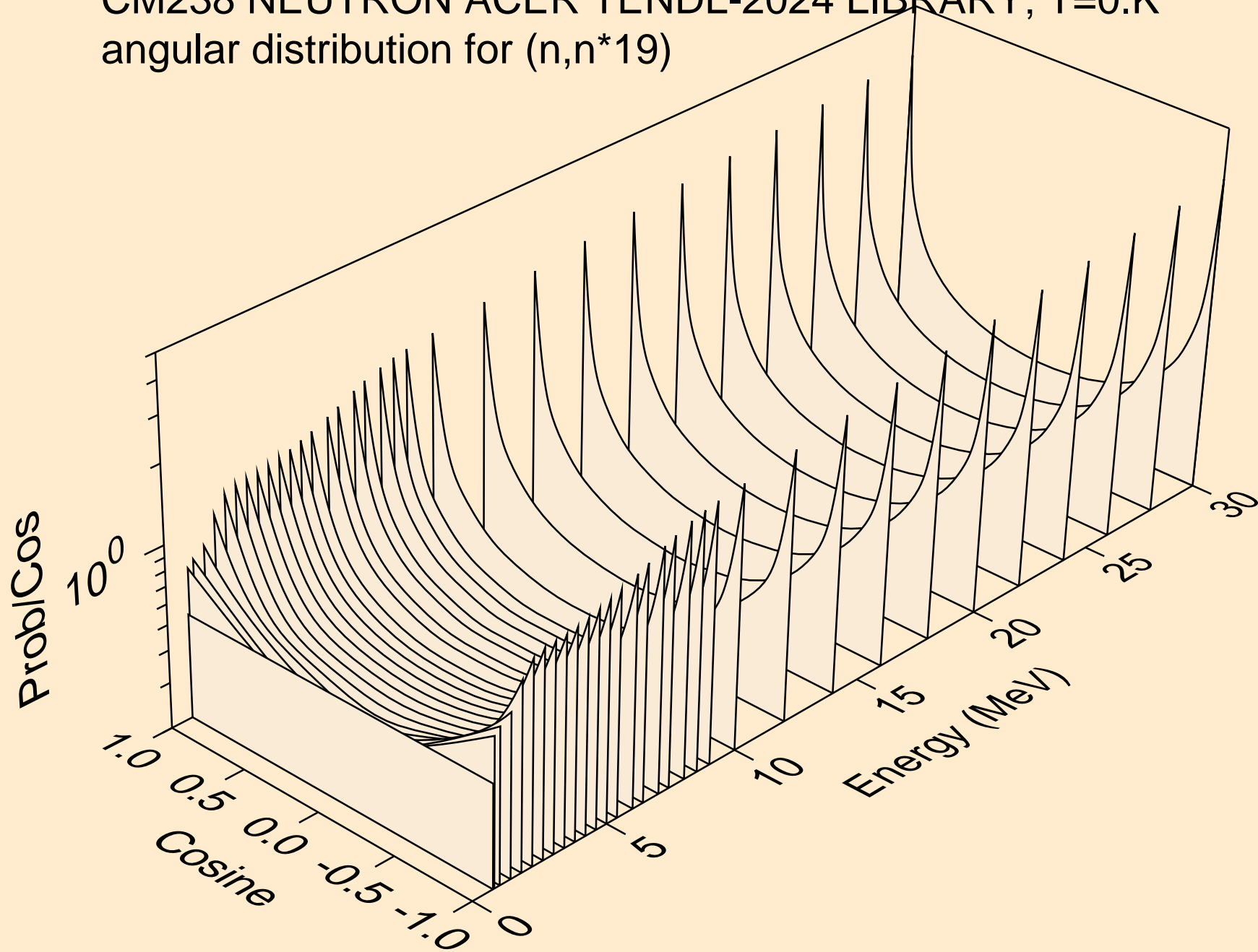
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*18)

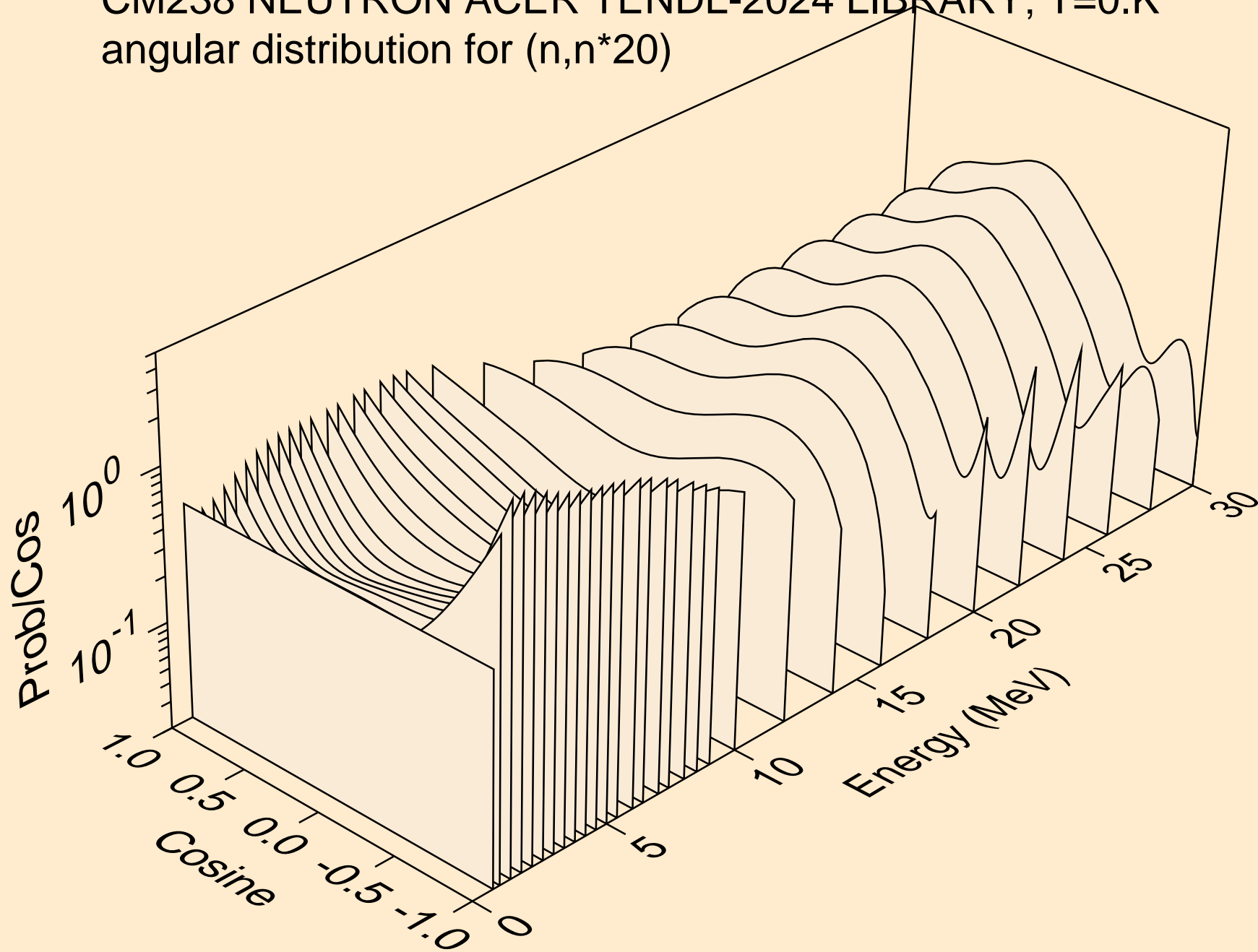


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*19)

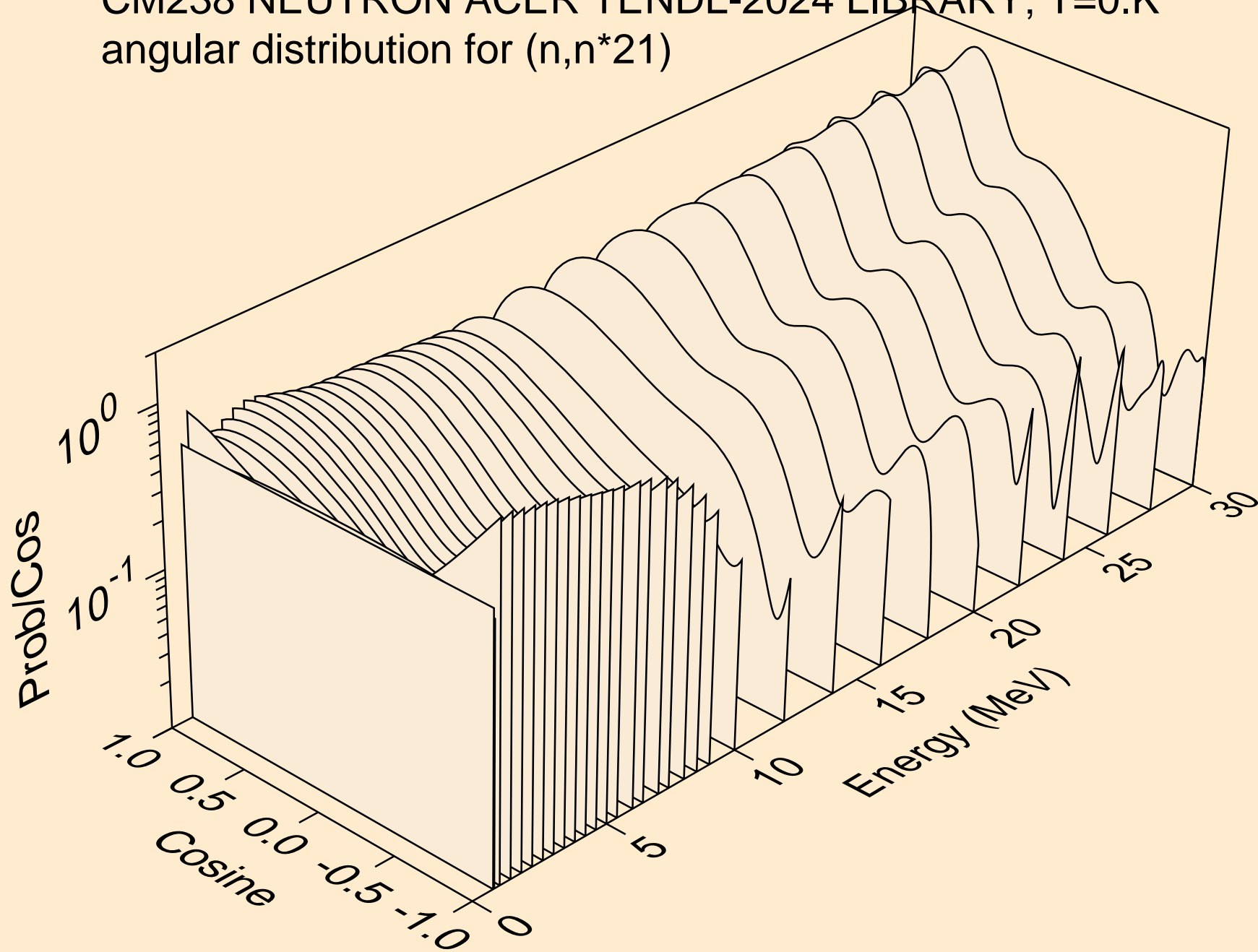




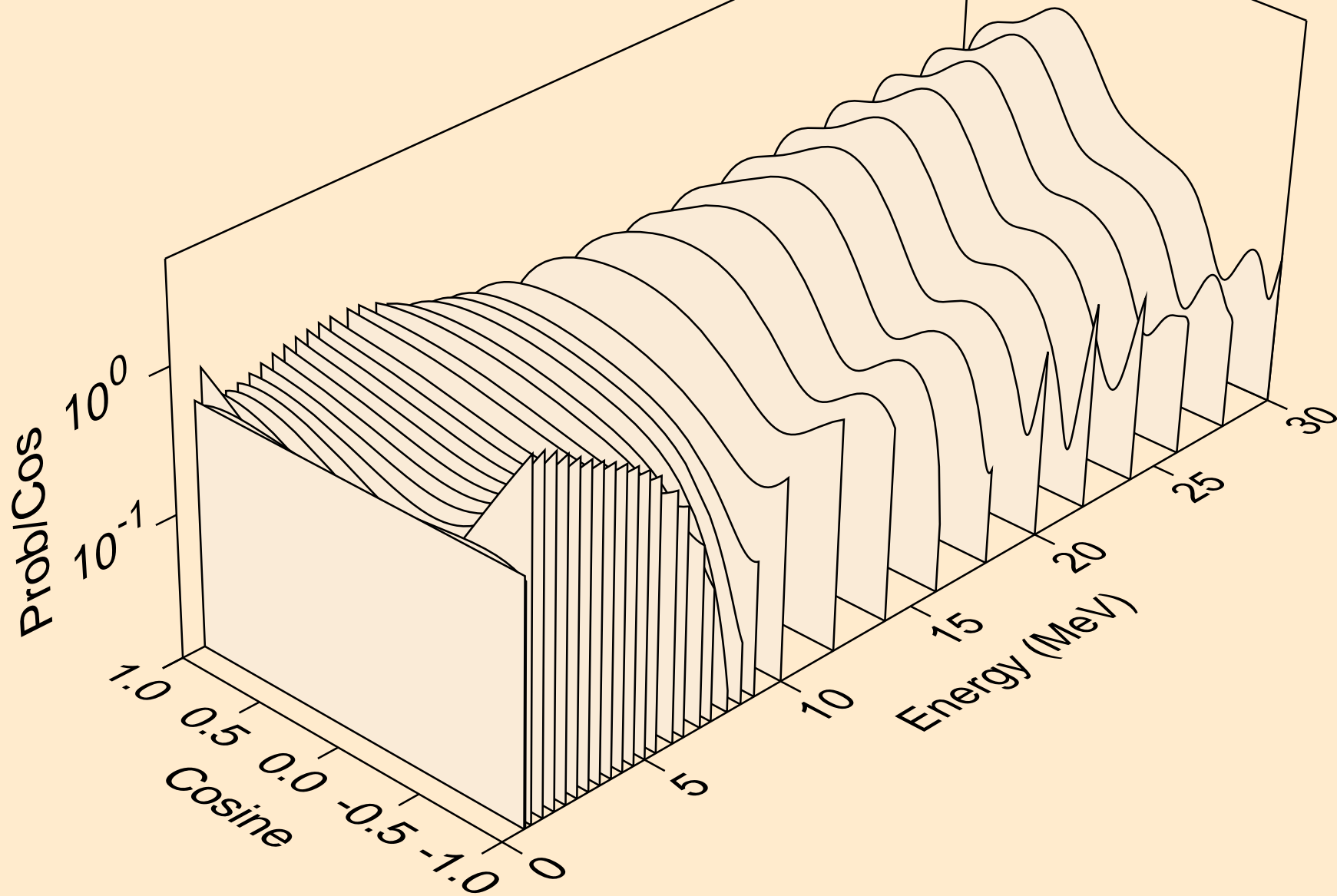
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*20)



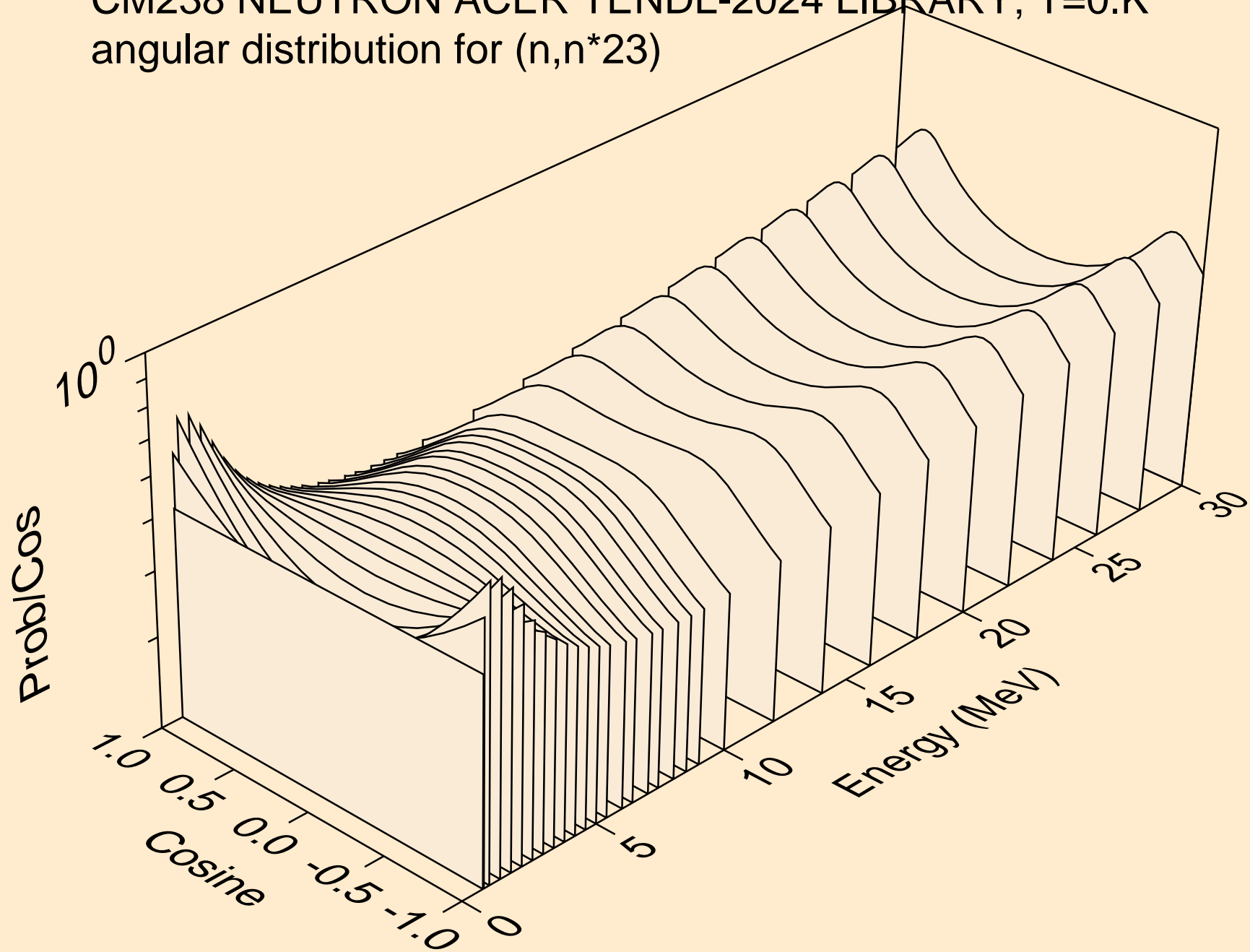
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*21)



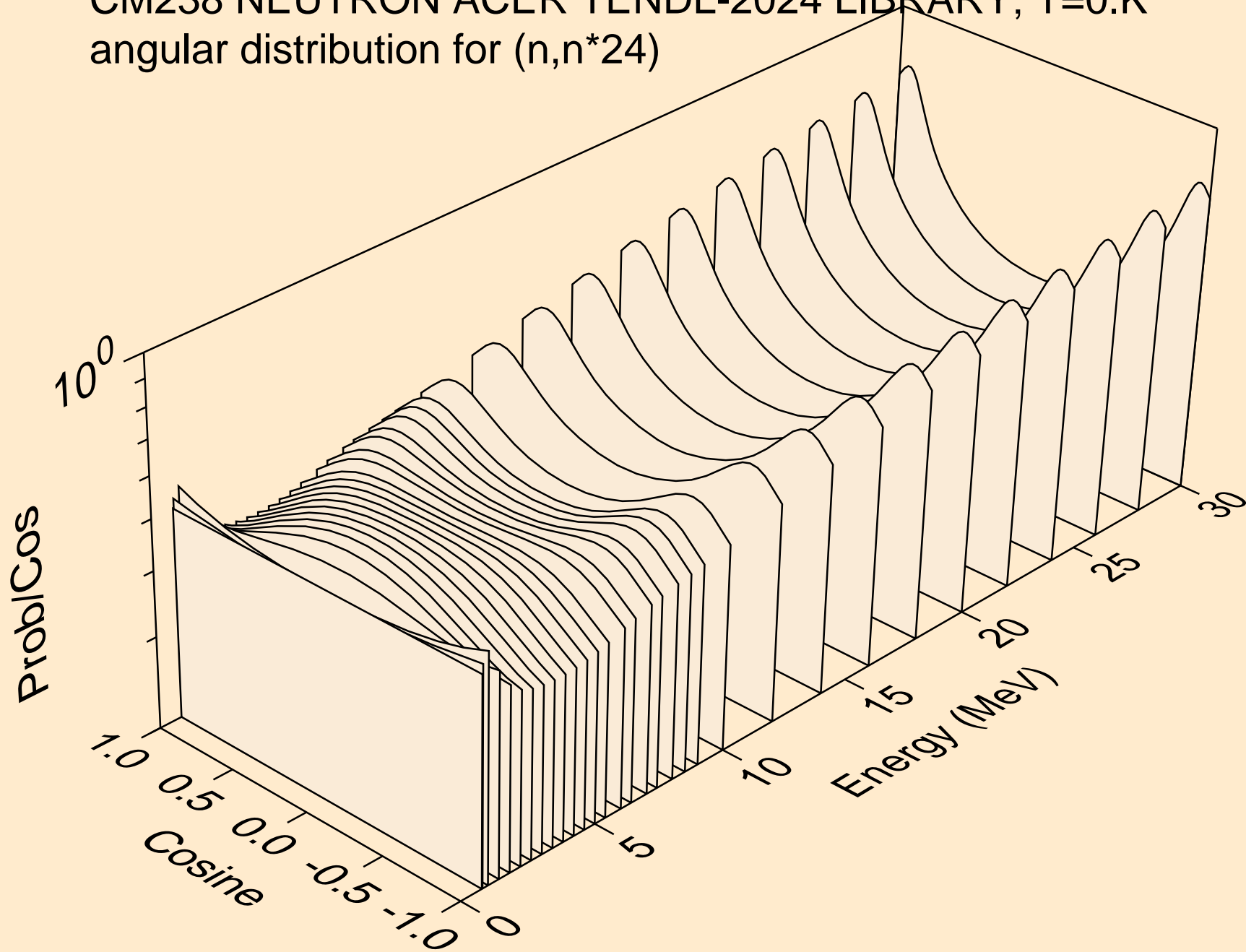
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



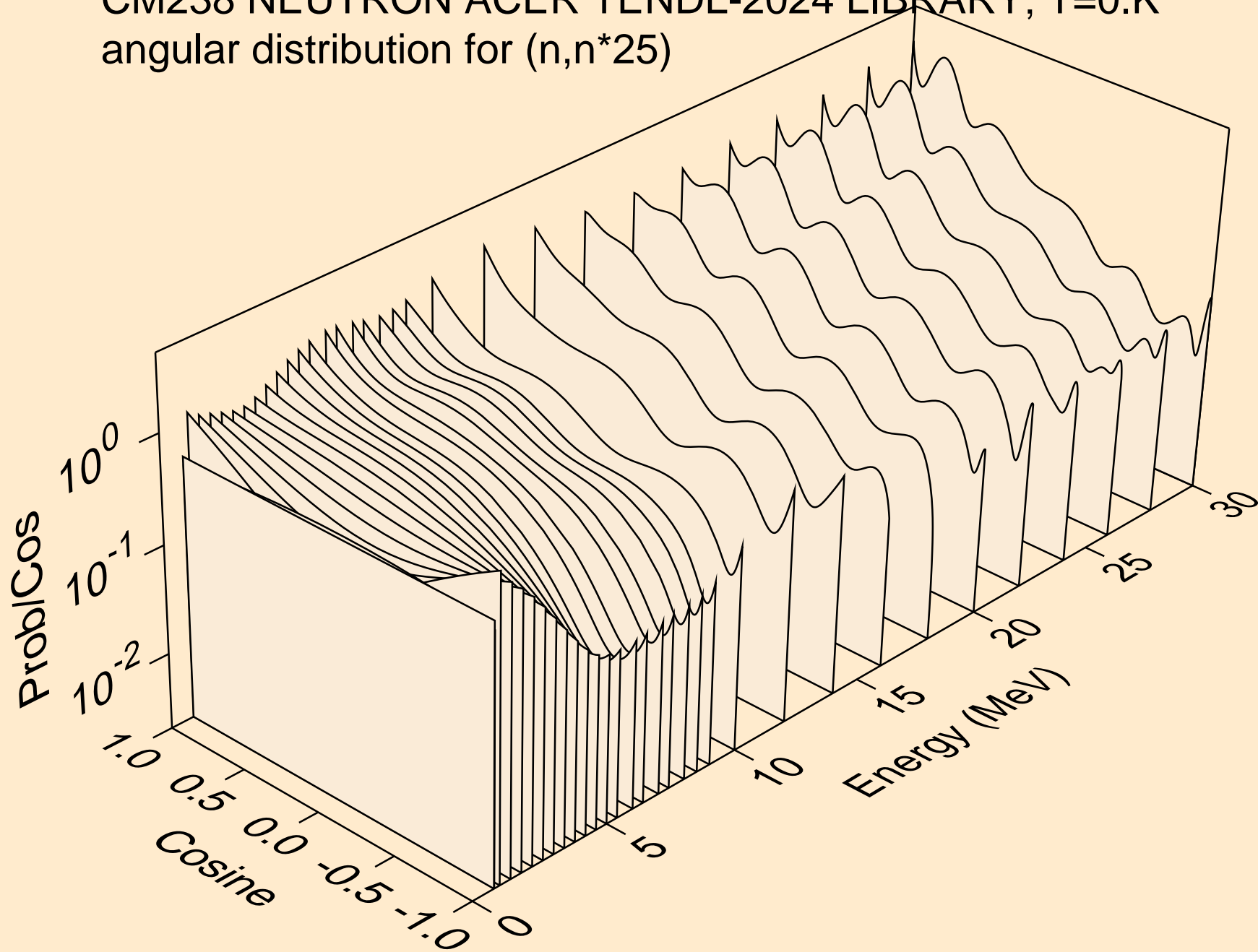
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)



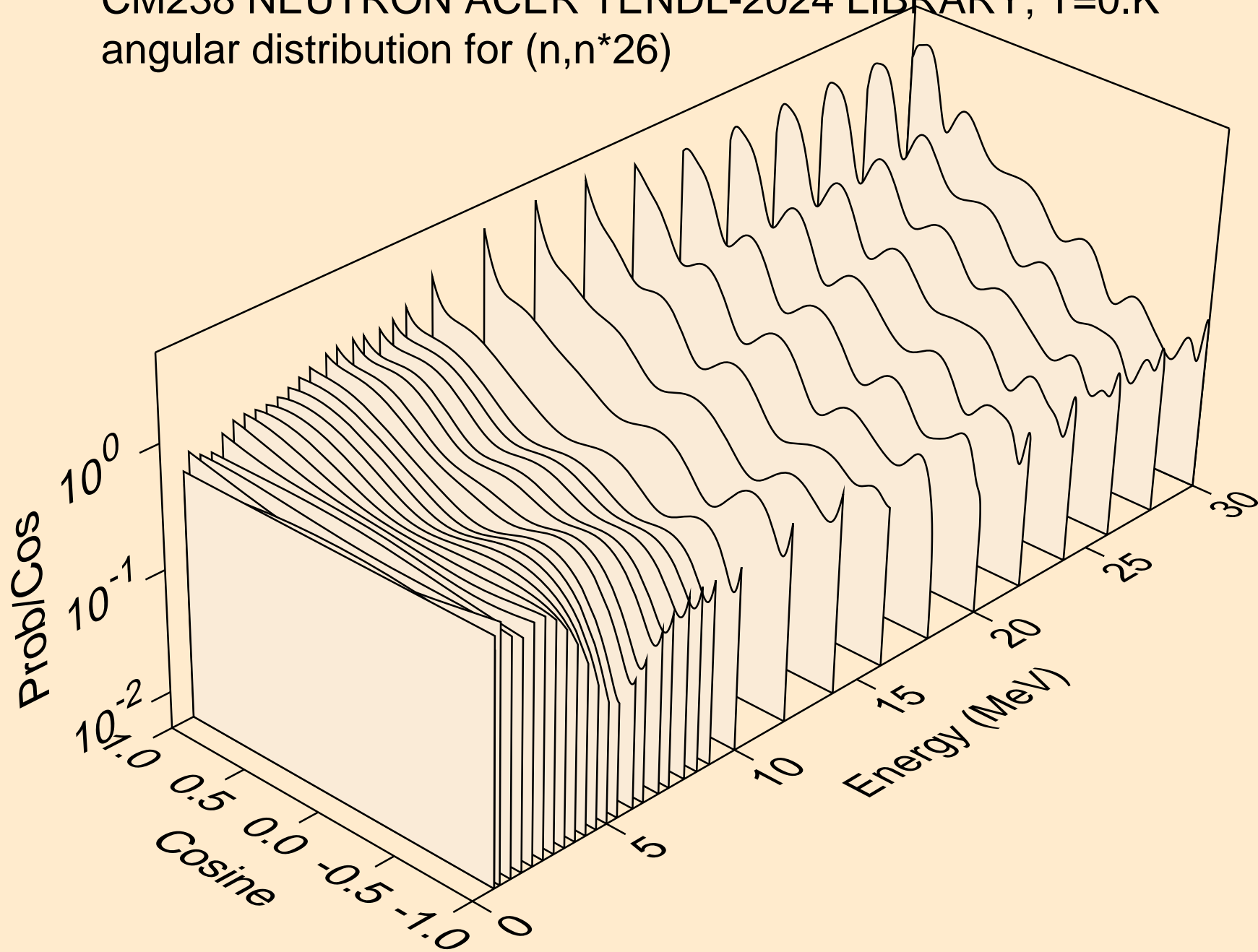
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*24)



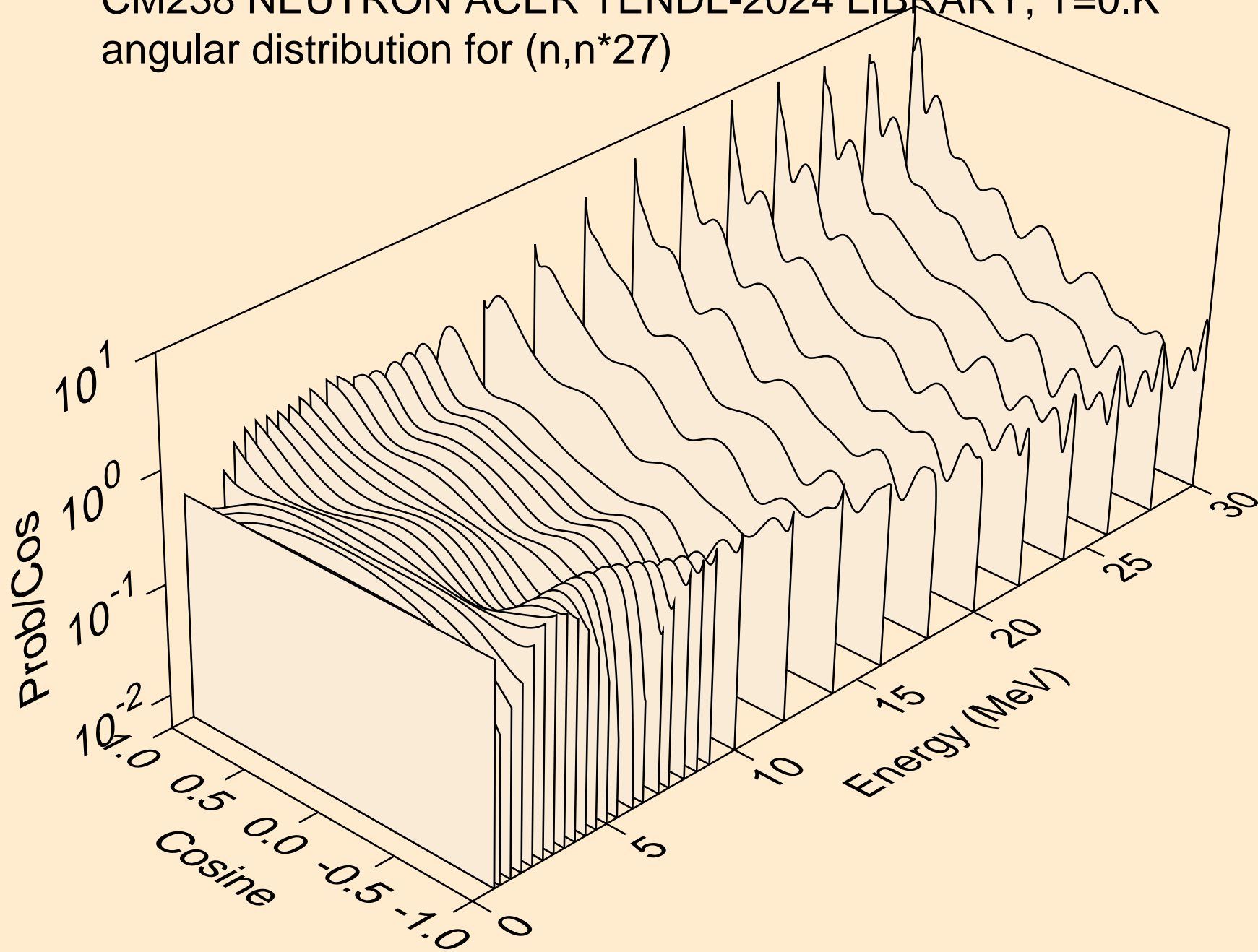
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*25)



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*26)



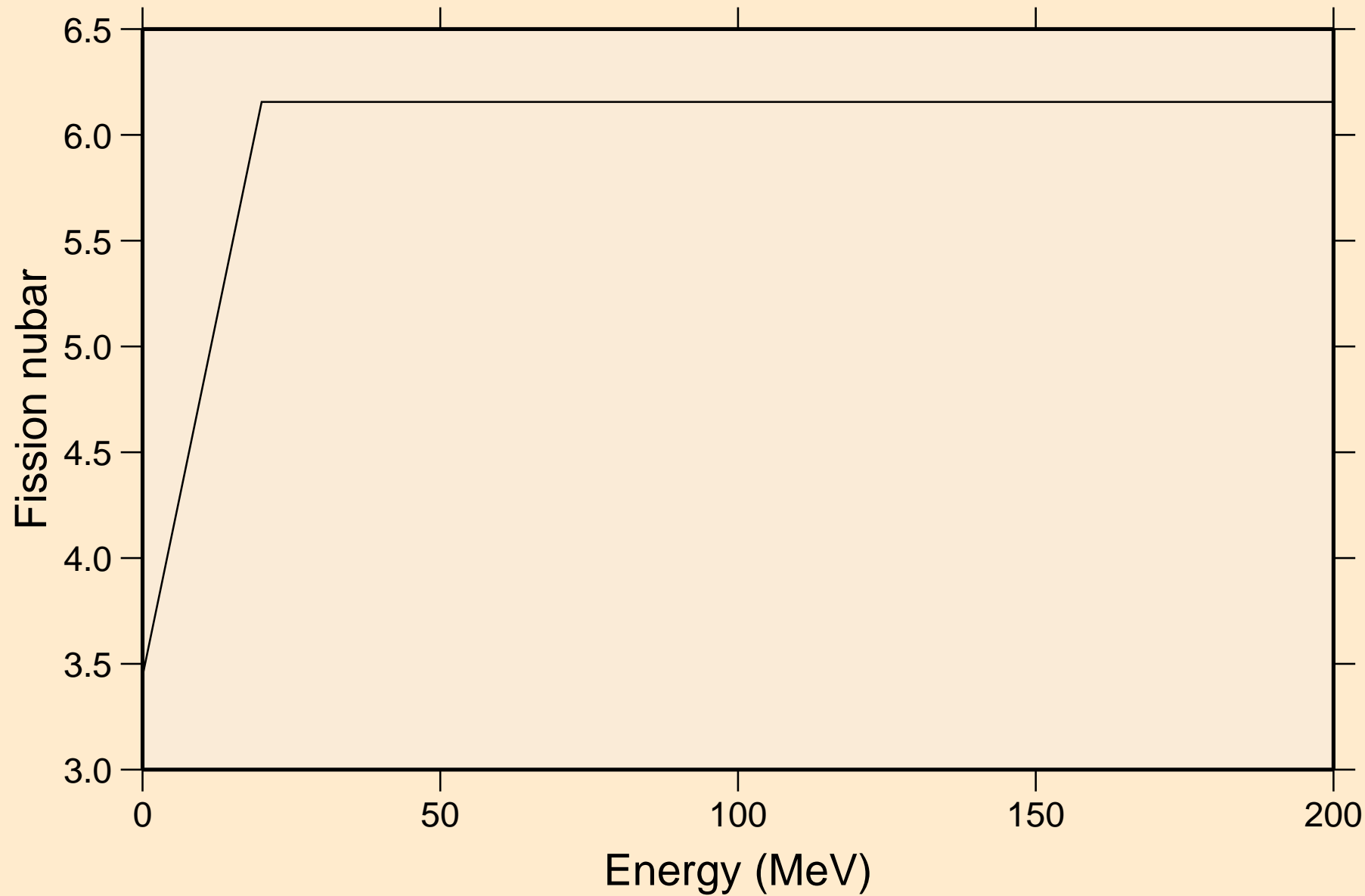
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*27)



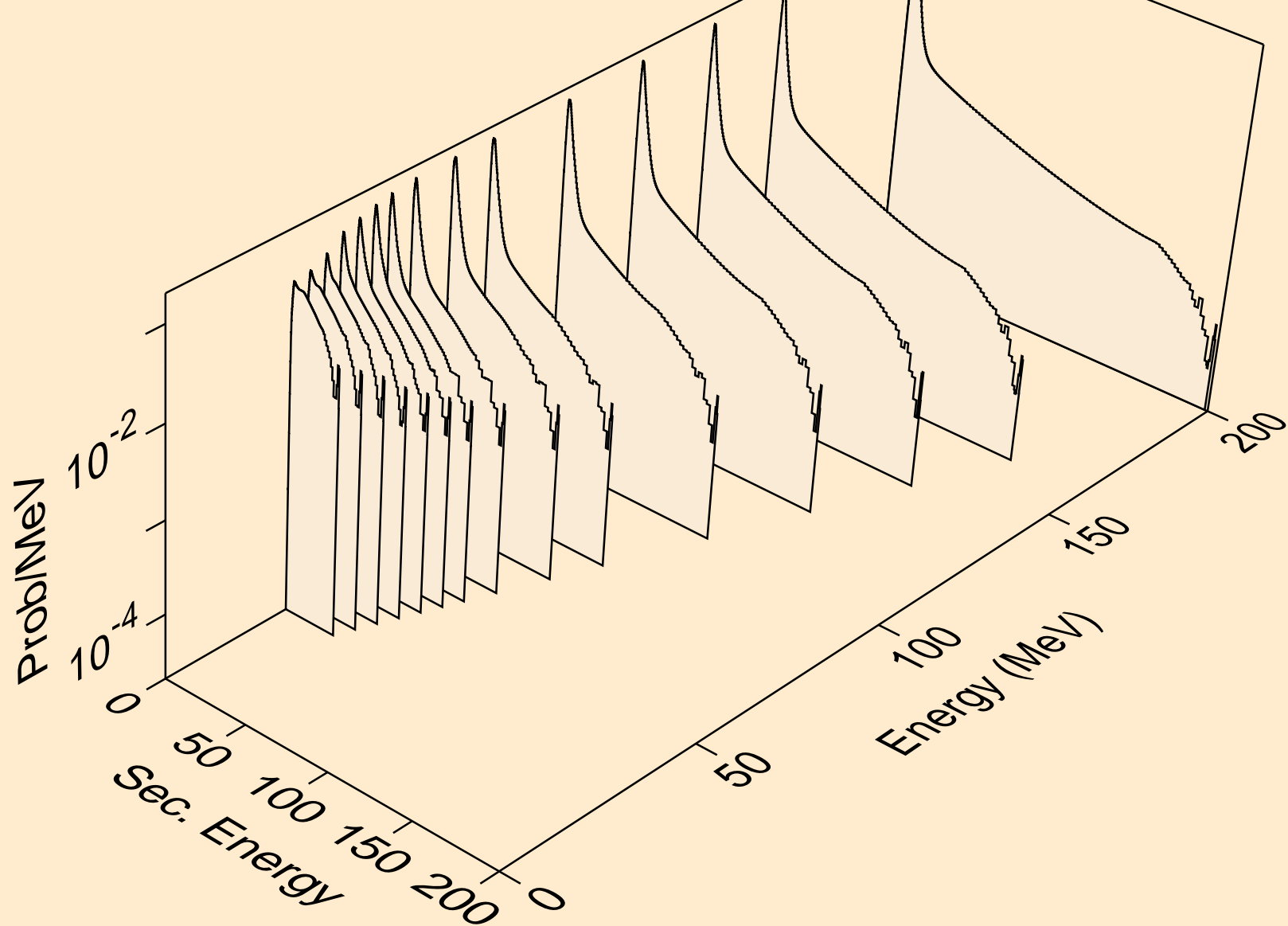


# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

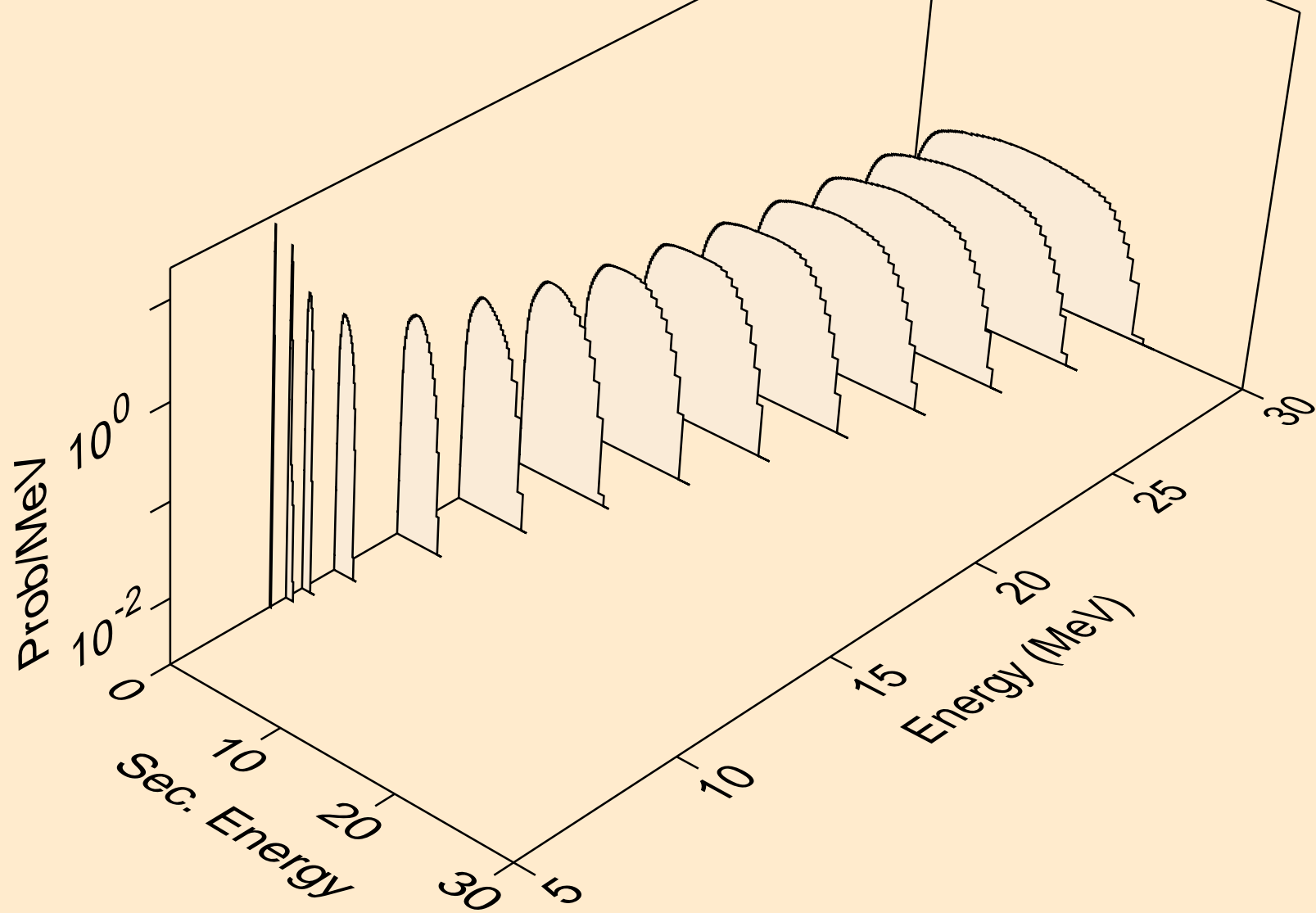
Total fission nubar



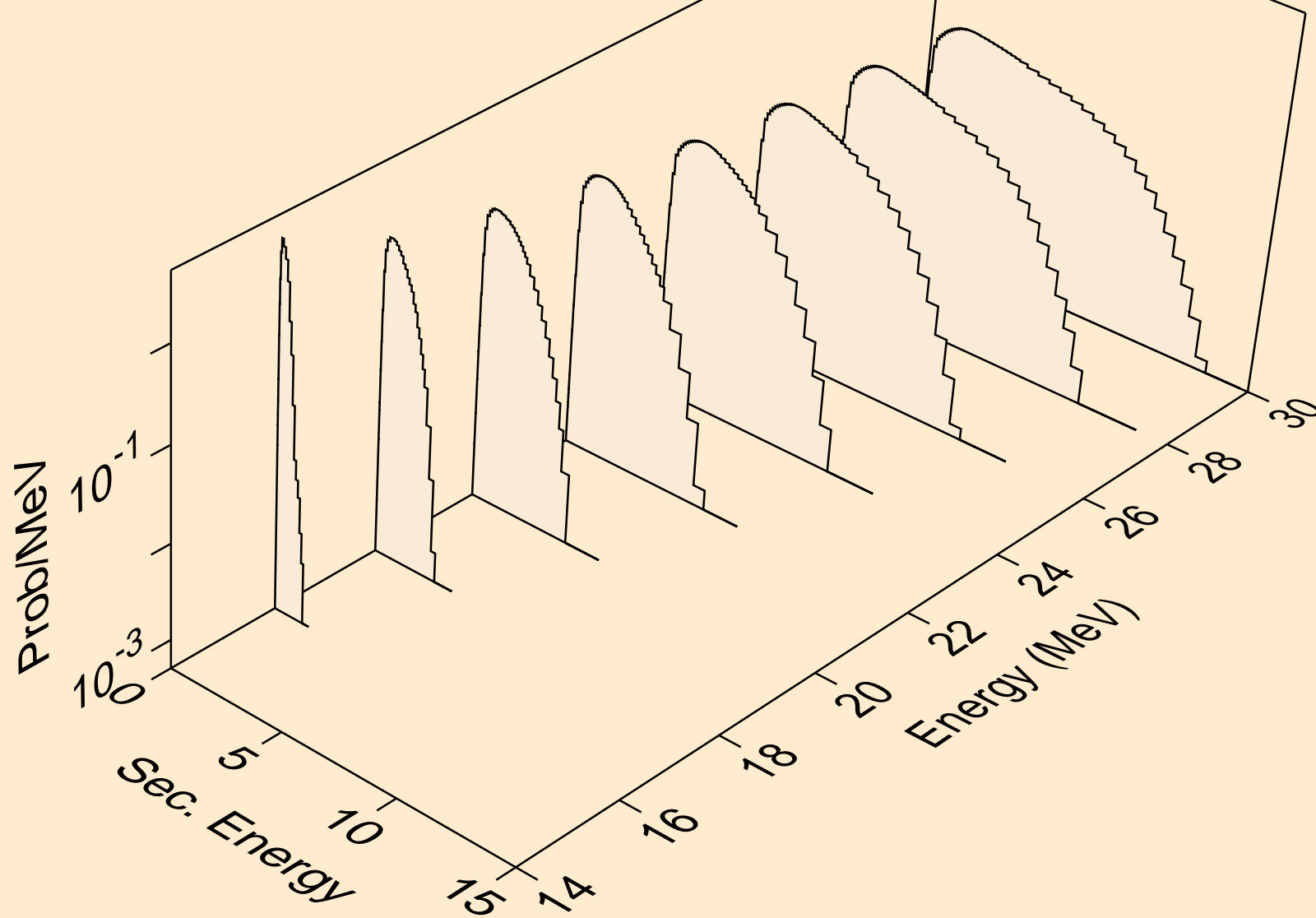
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)



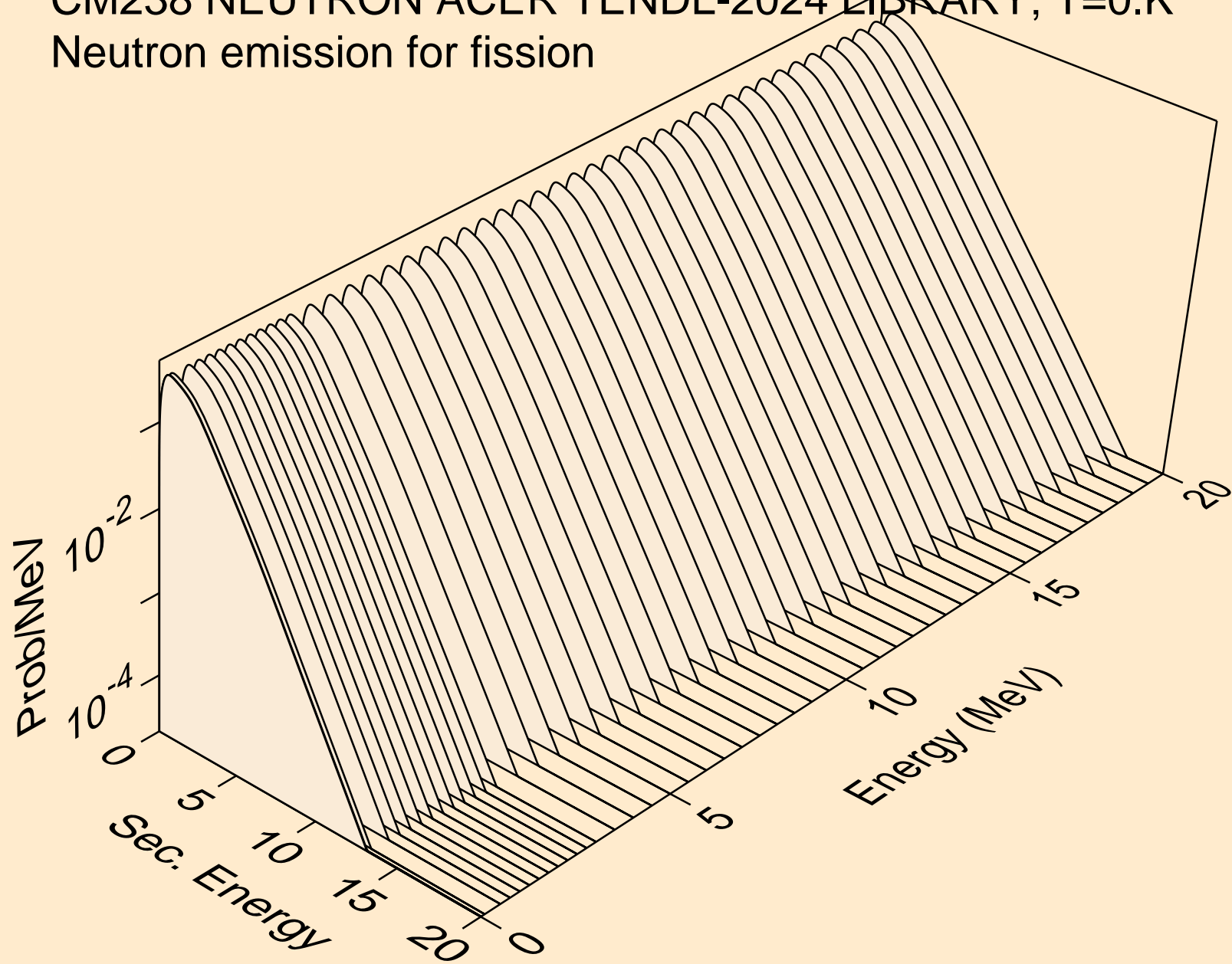
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



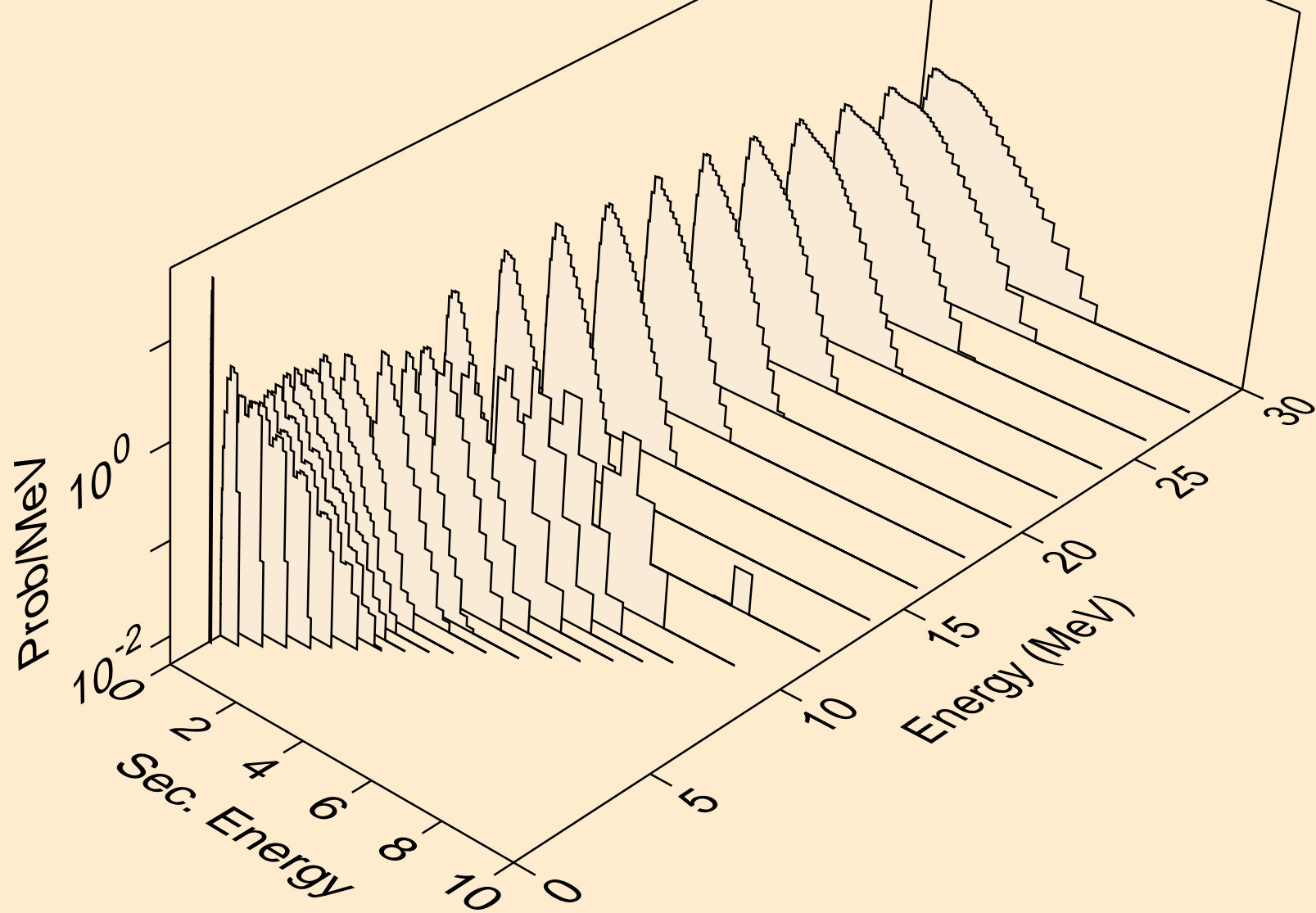
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



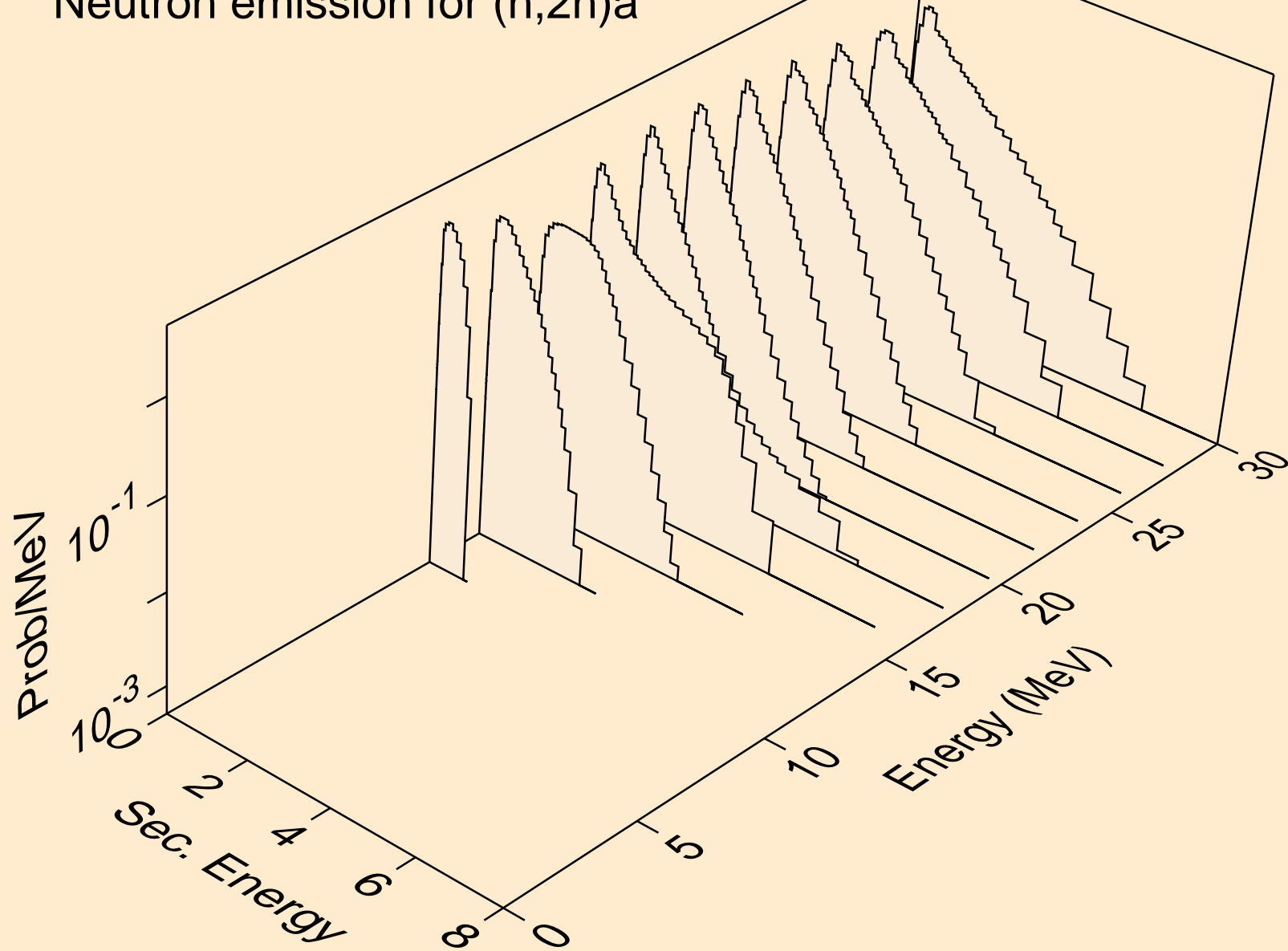
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for fission



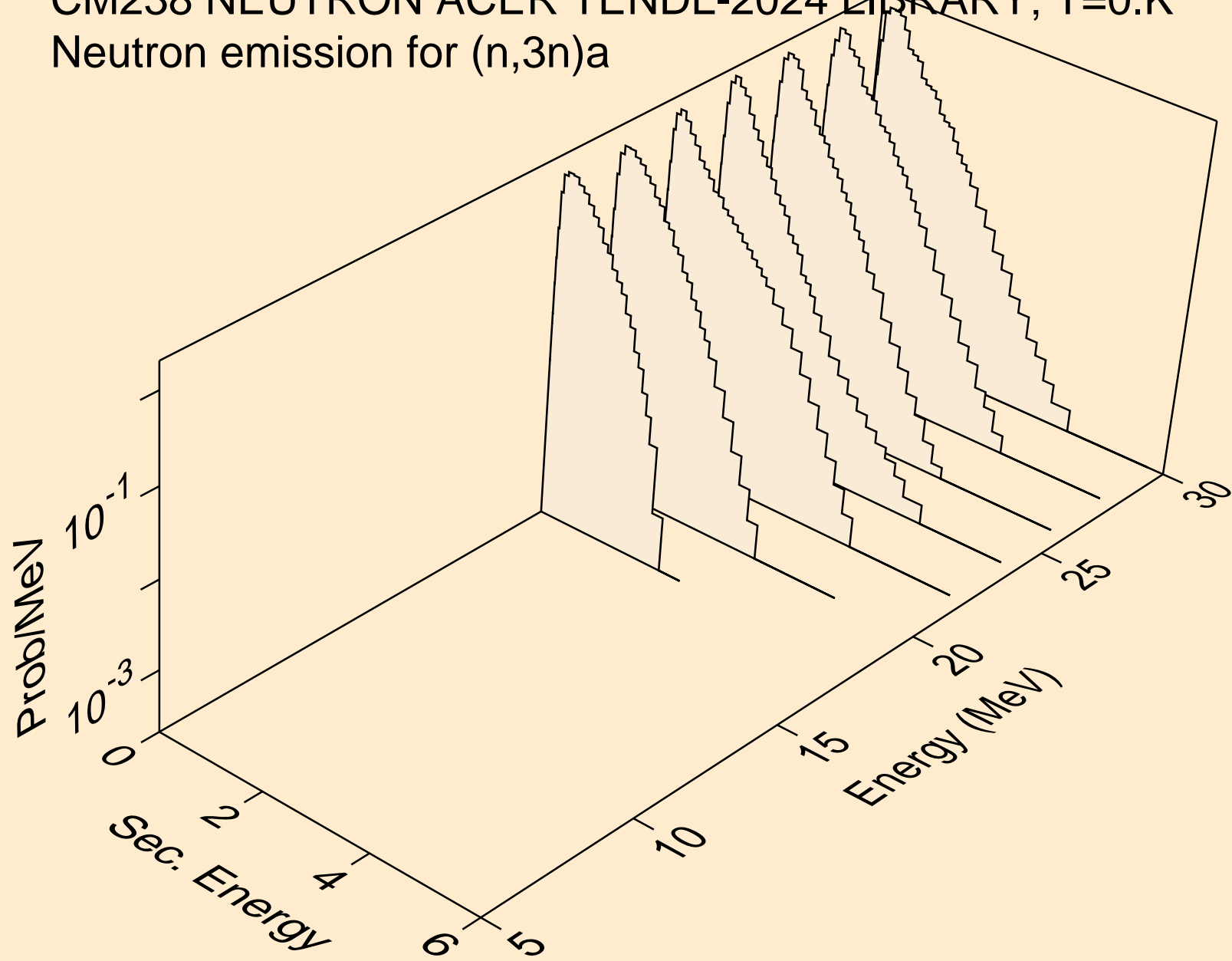
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a

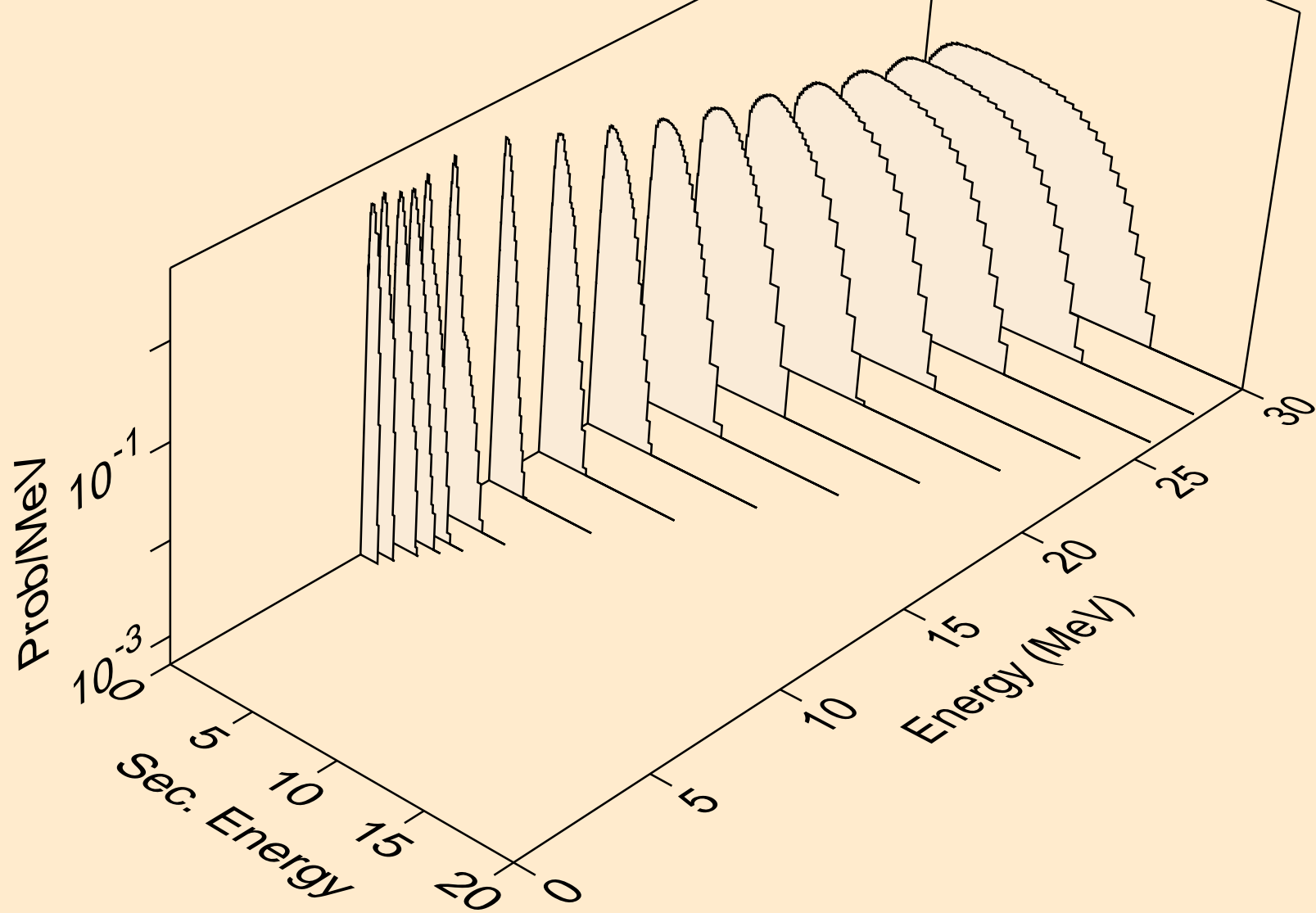


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a

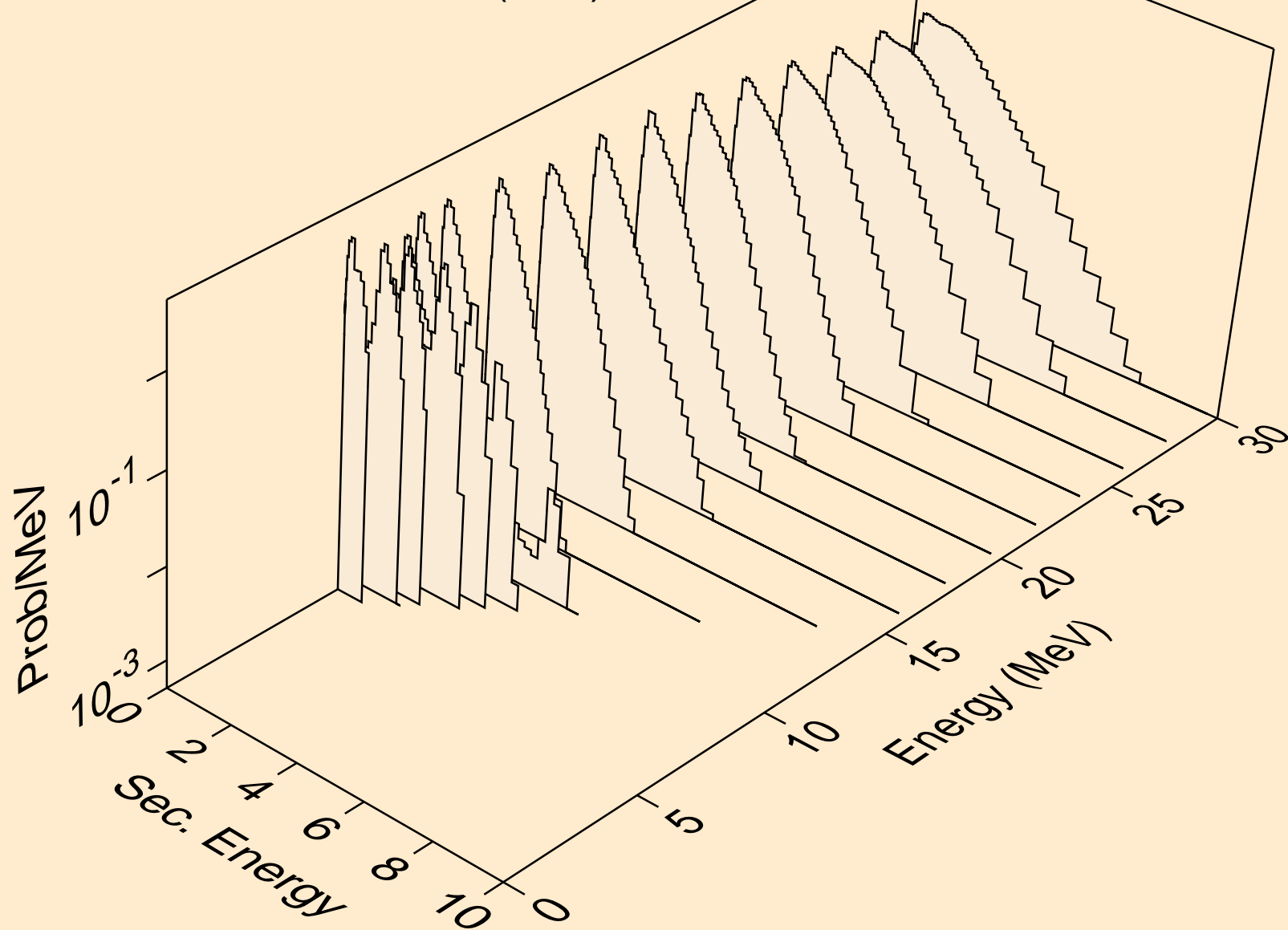




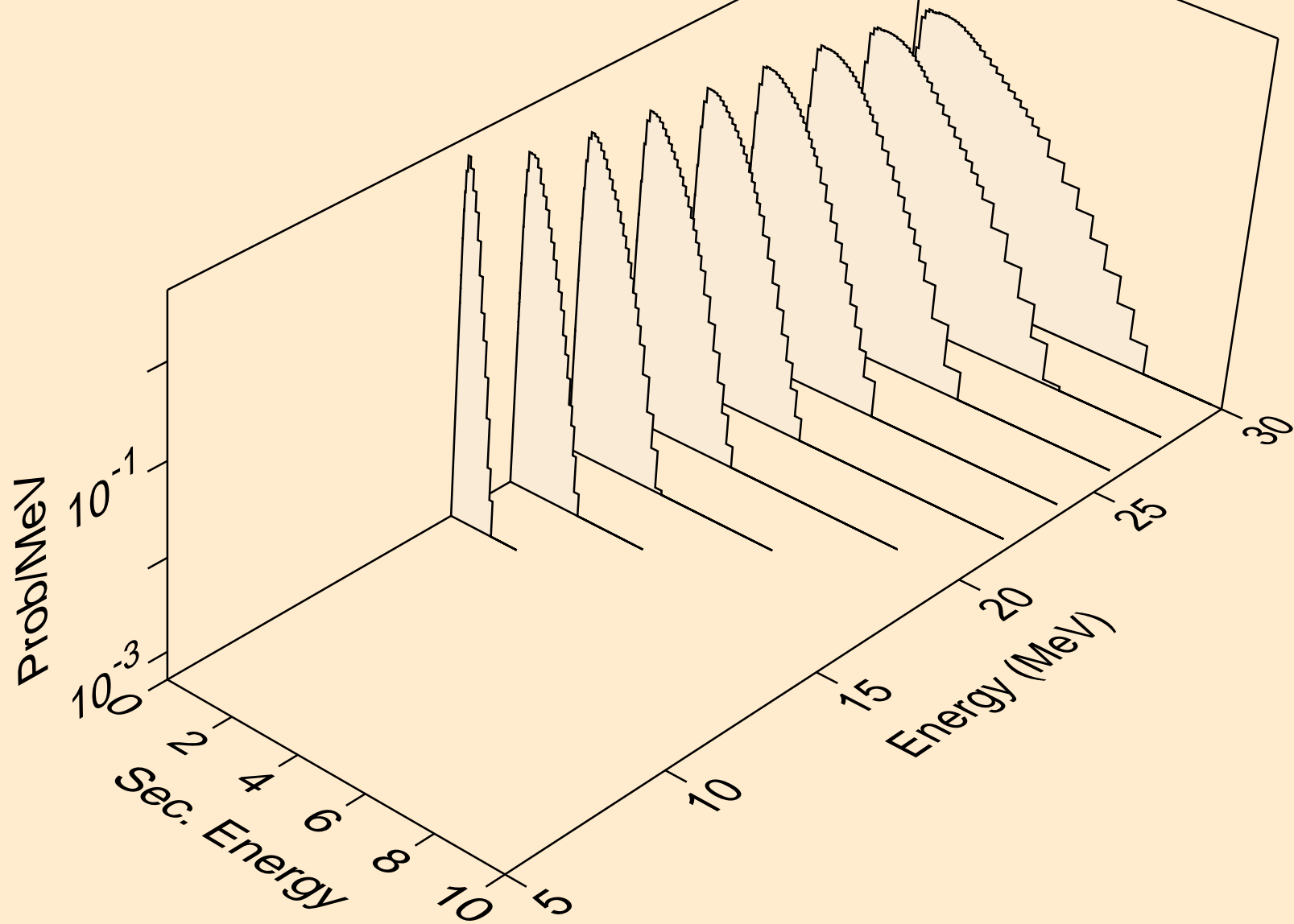
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p



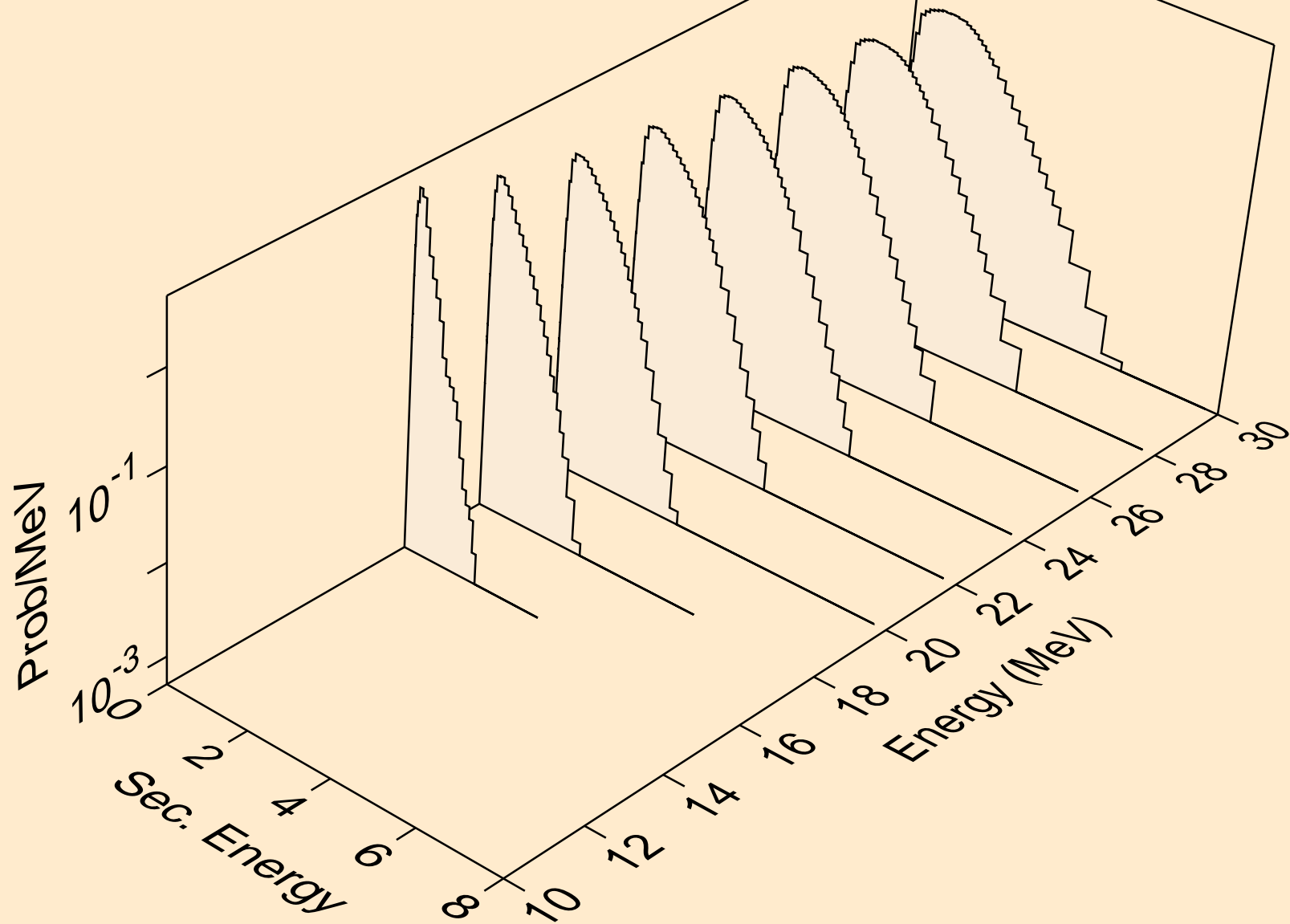
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a



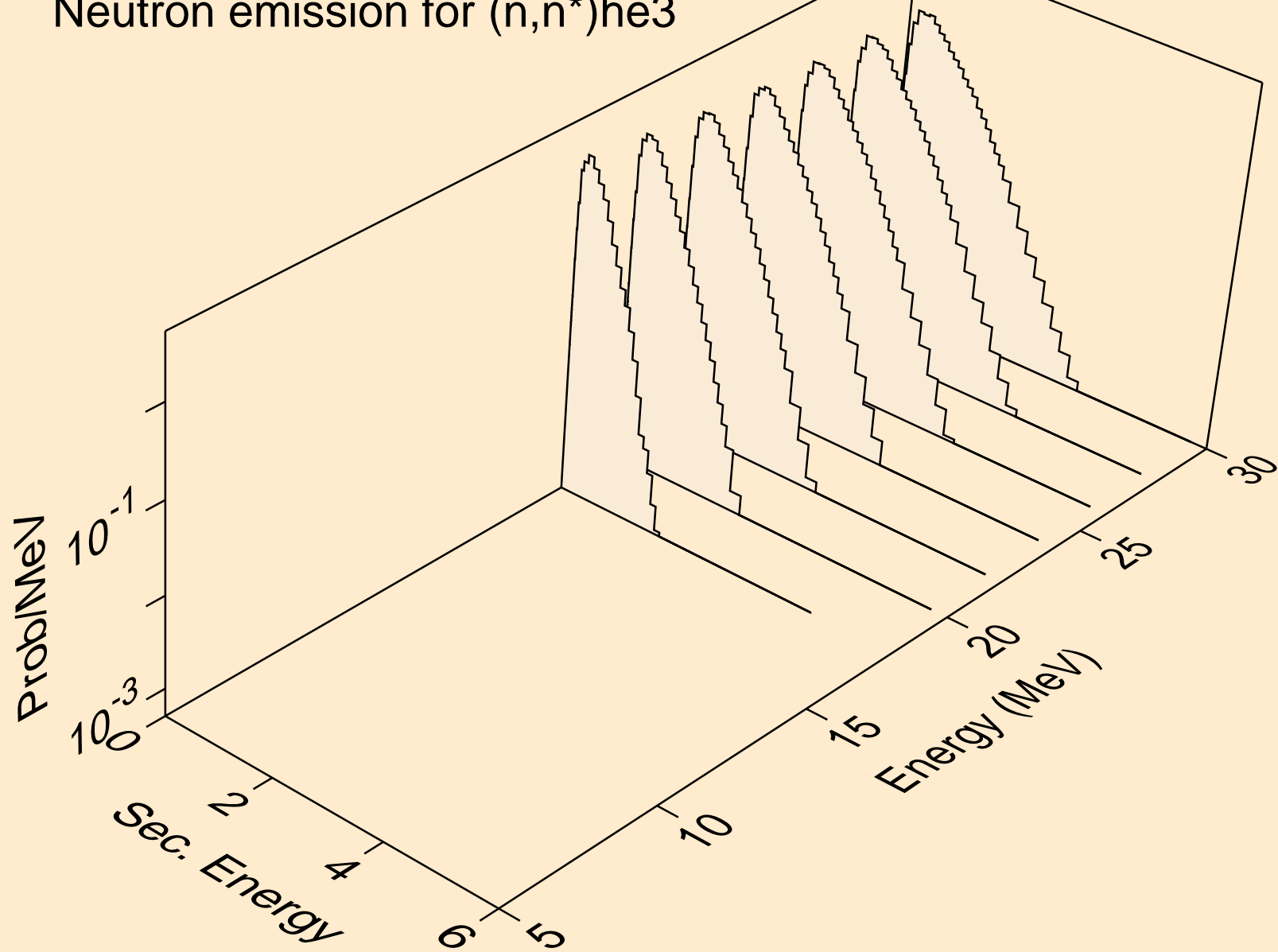
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



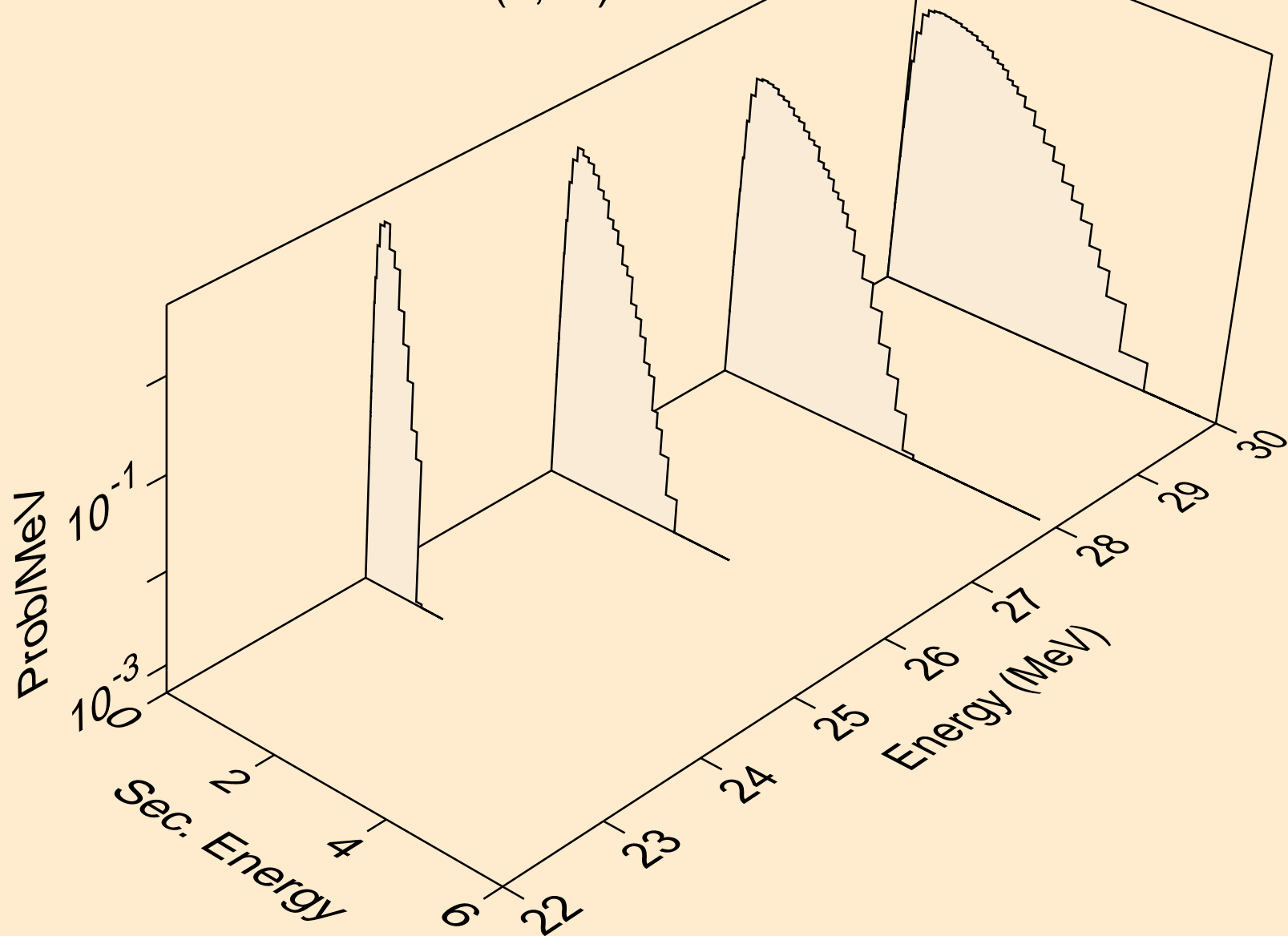
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



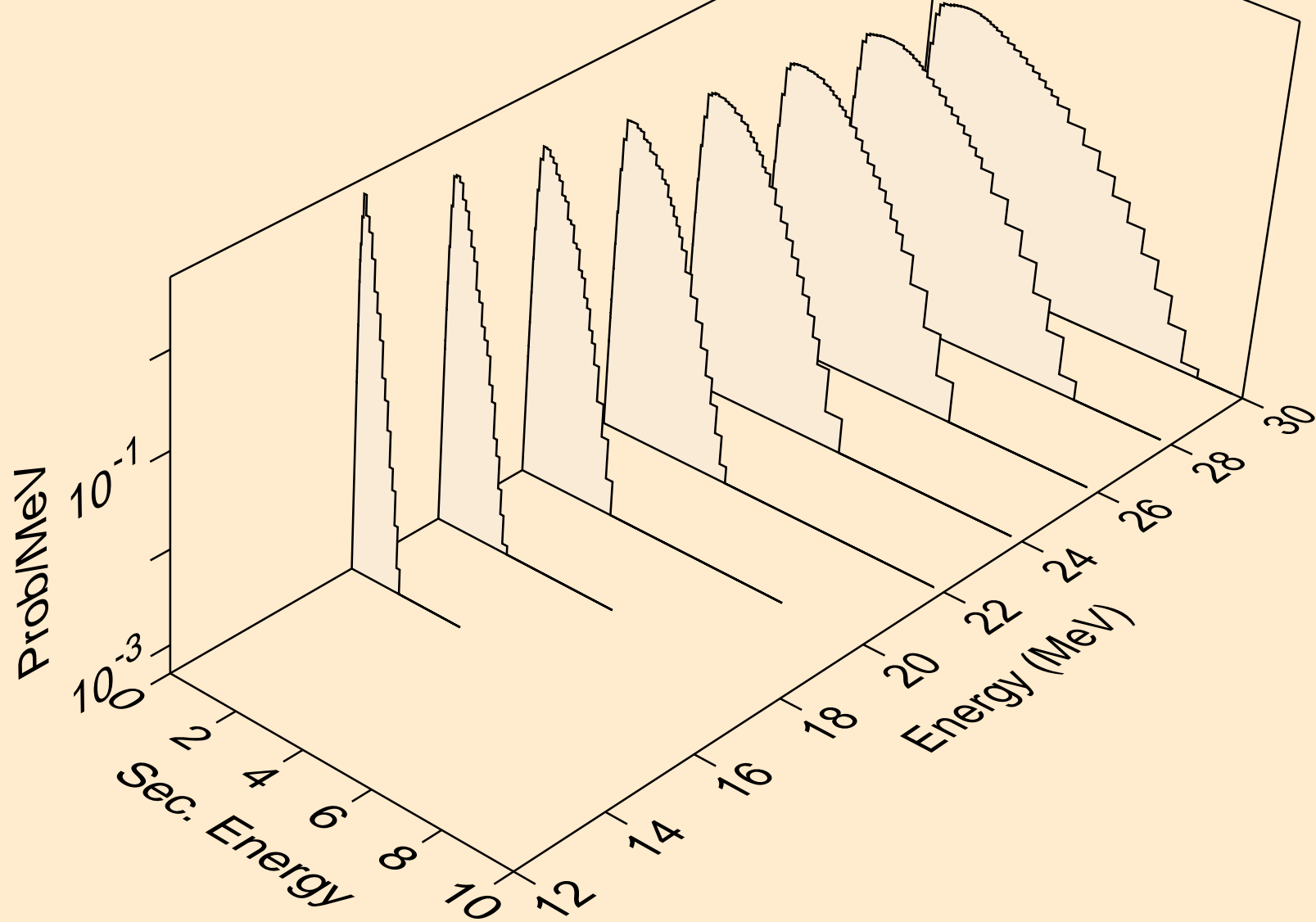
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



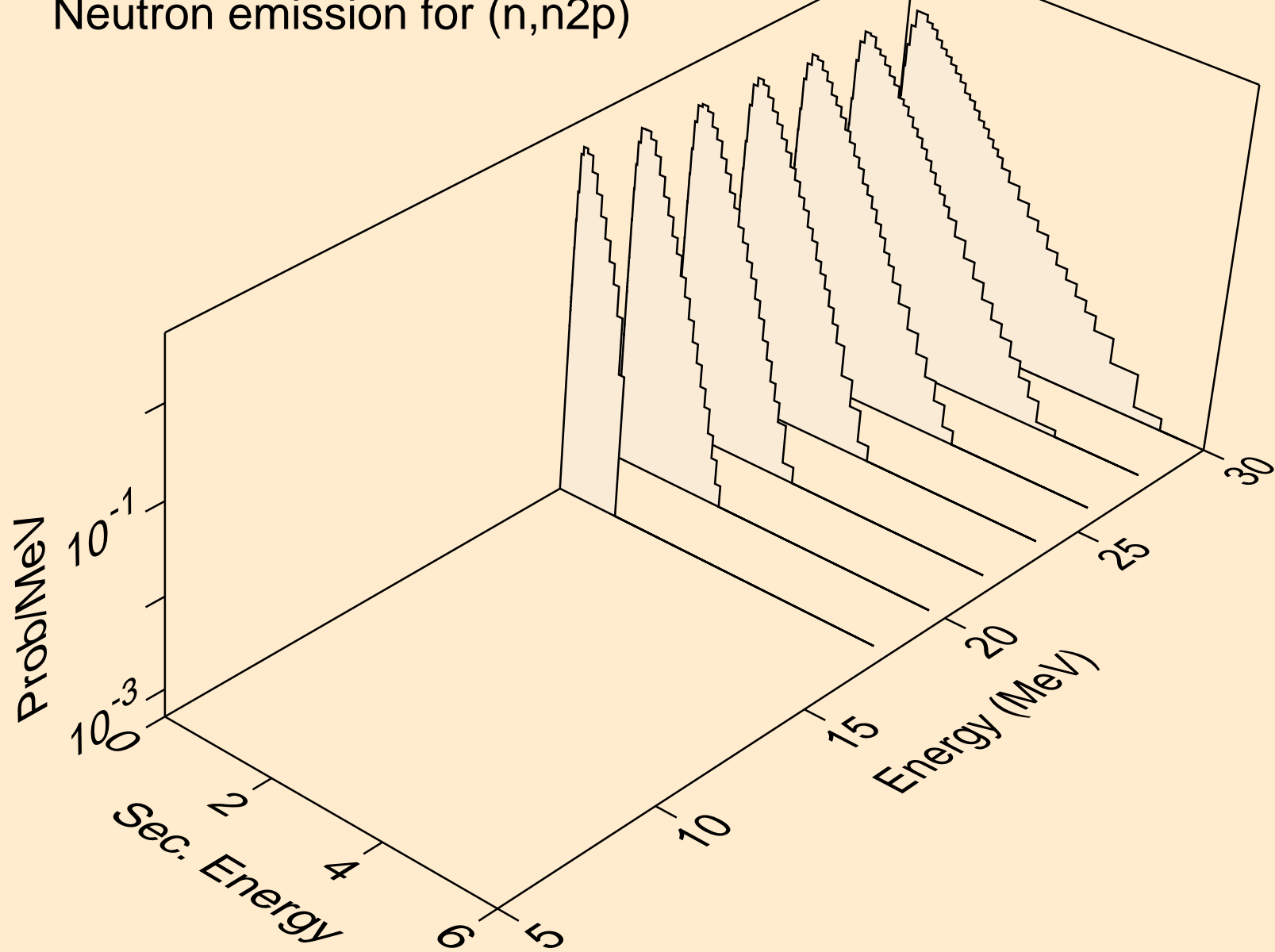
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)

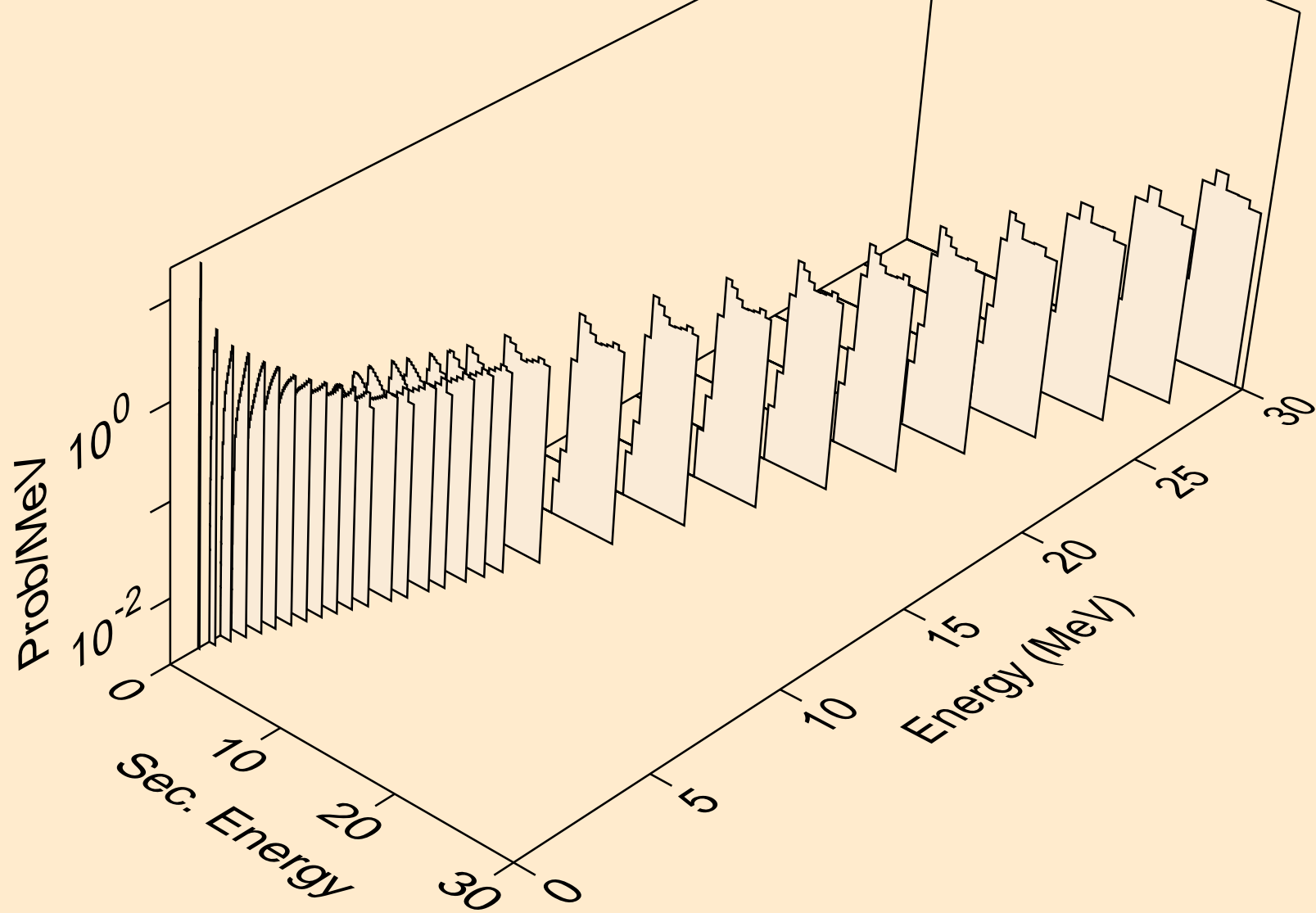


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)



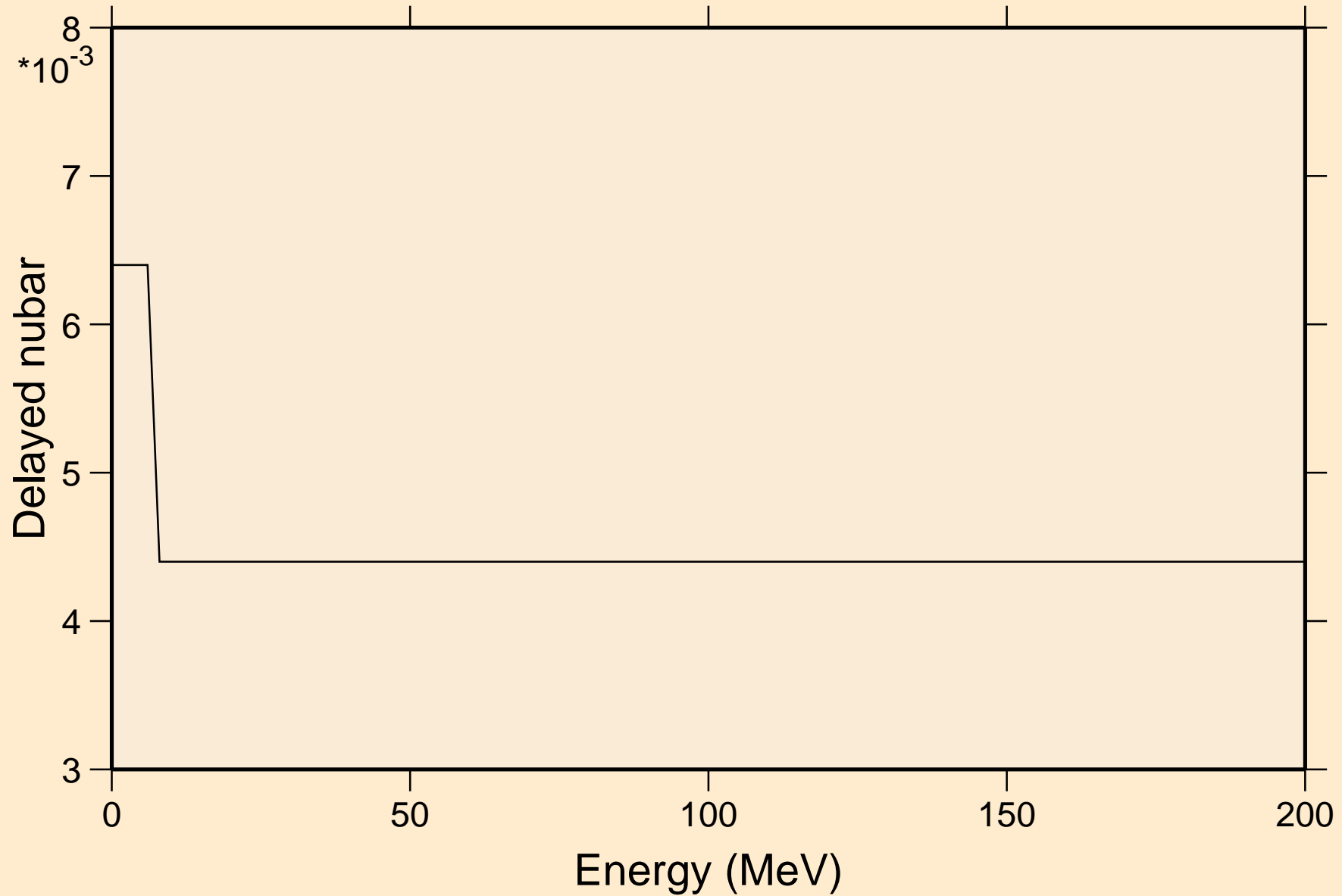


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



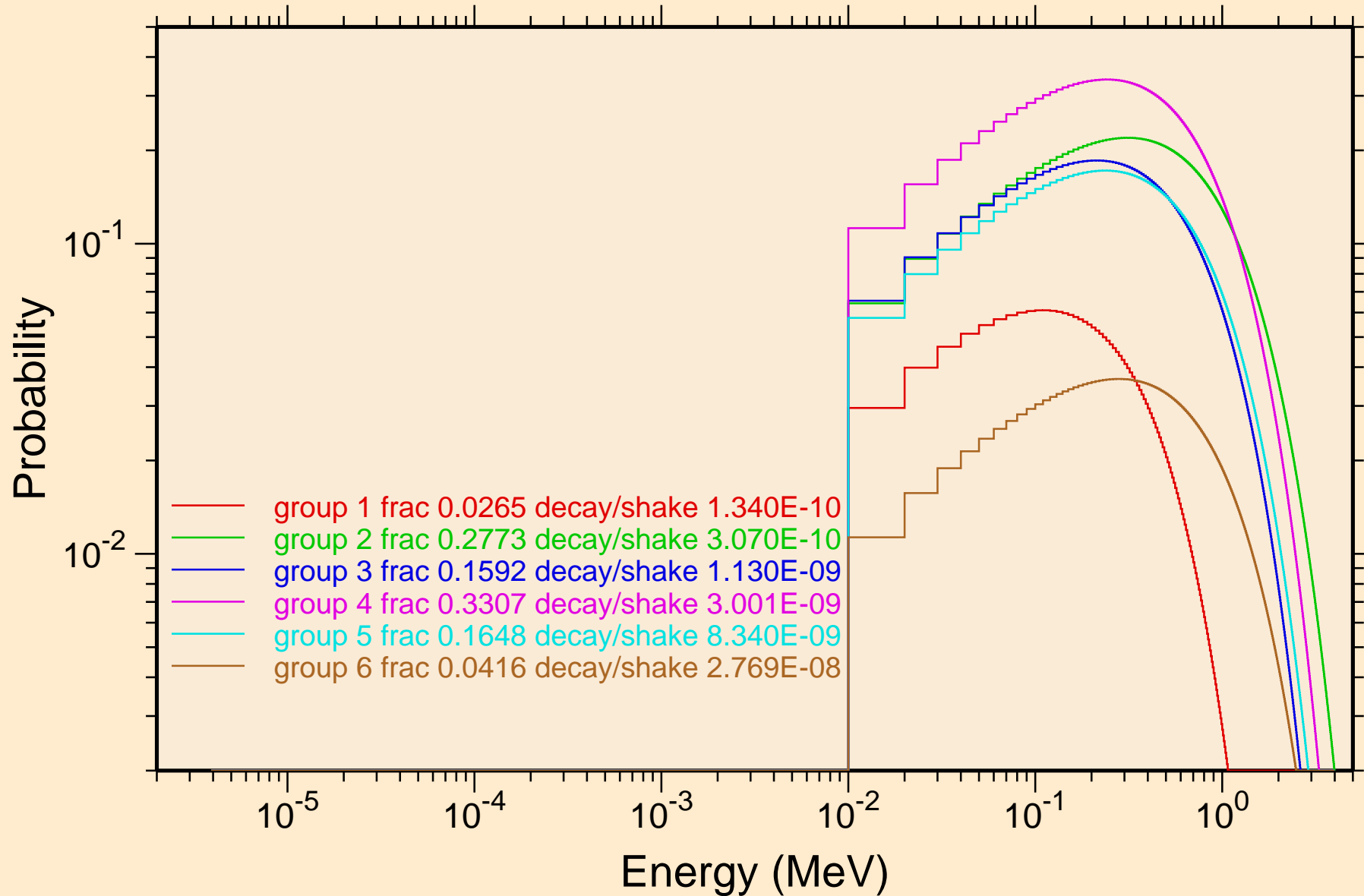
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Delayed nubar

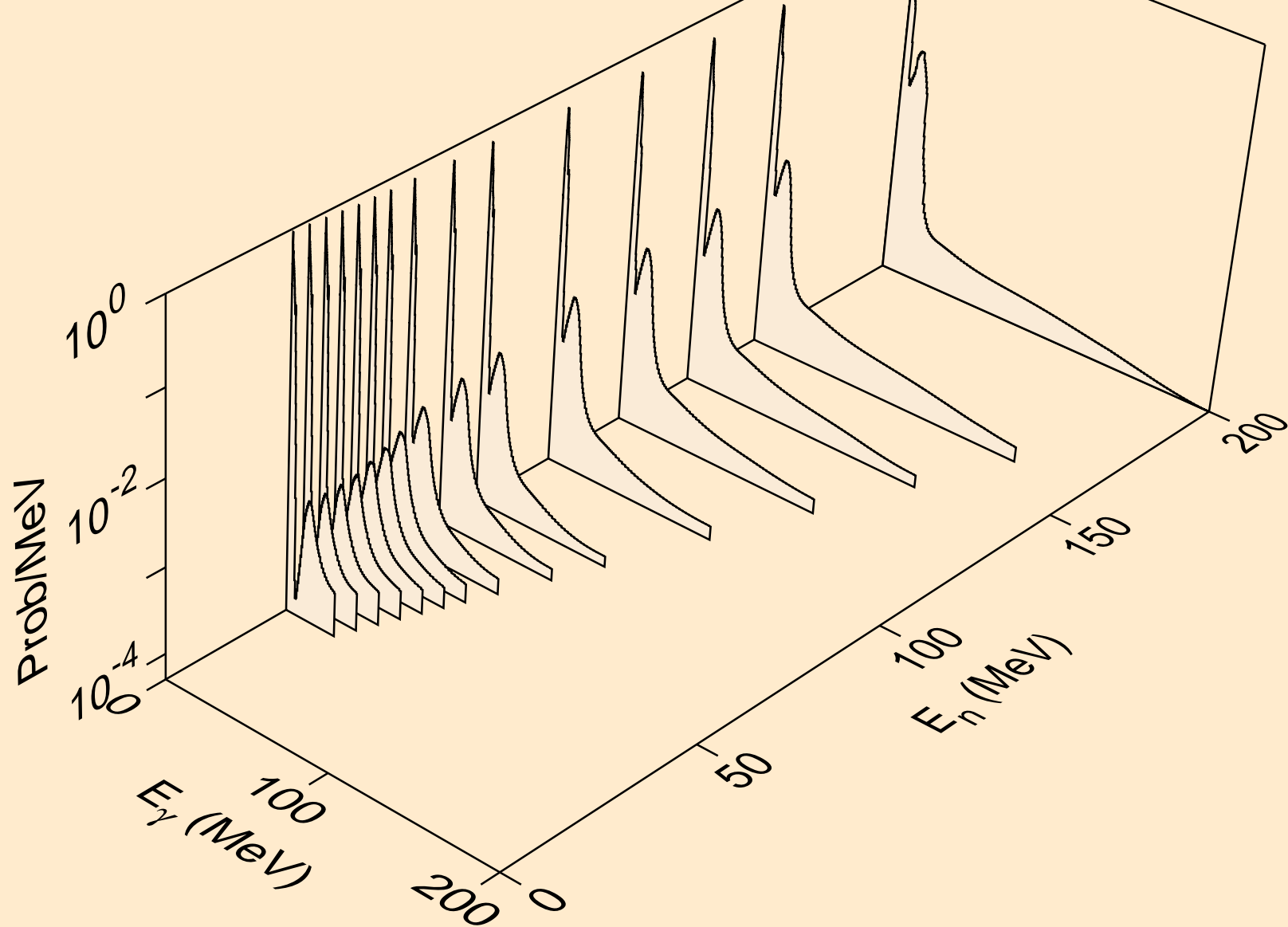


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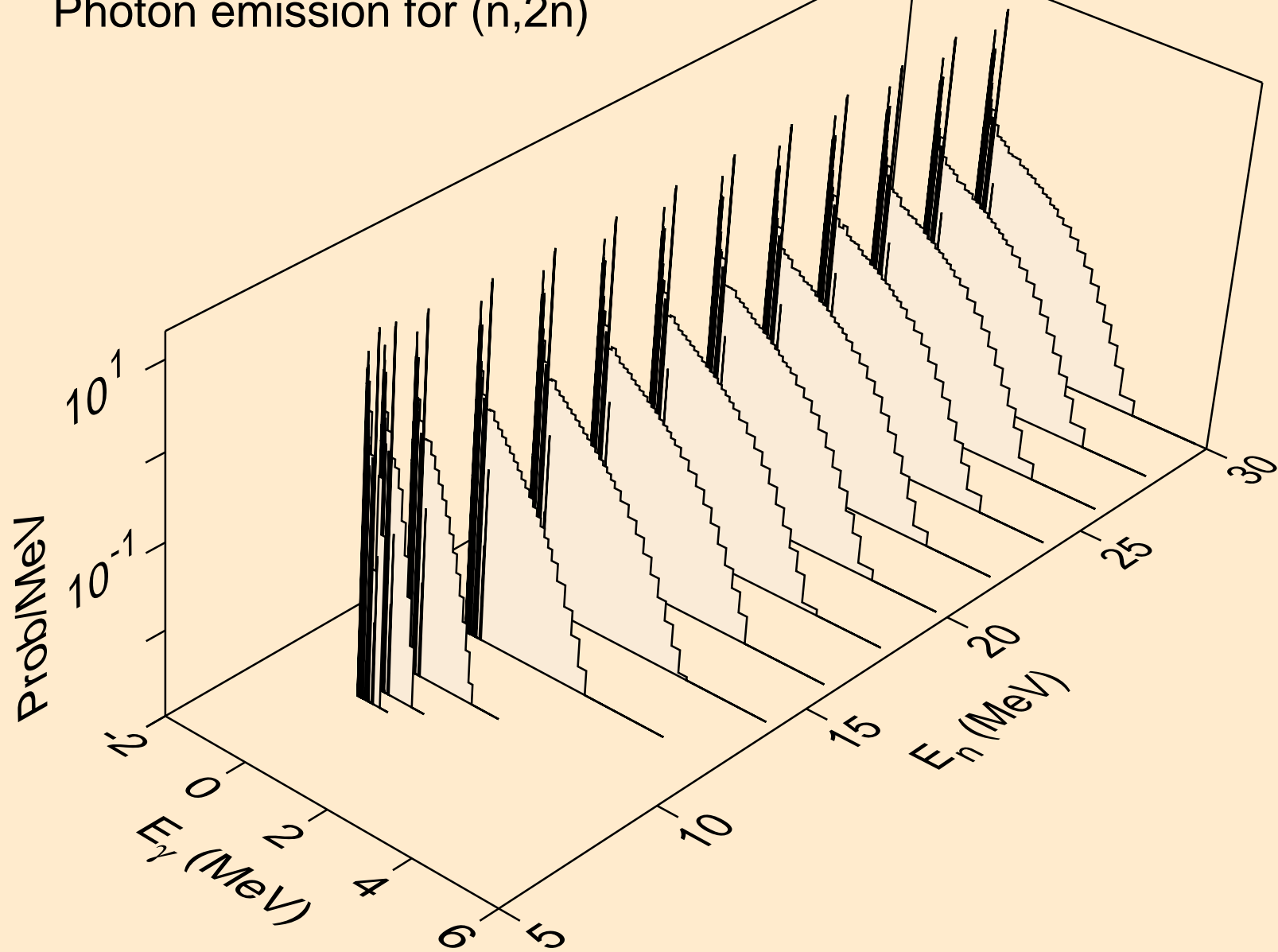
## Delayed neutron spectra



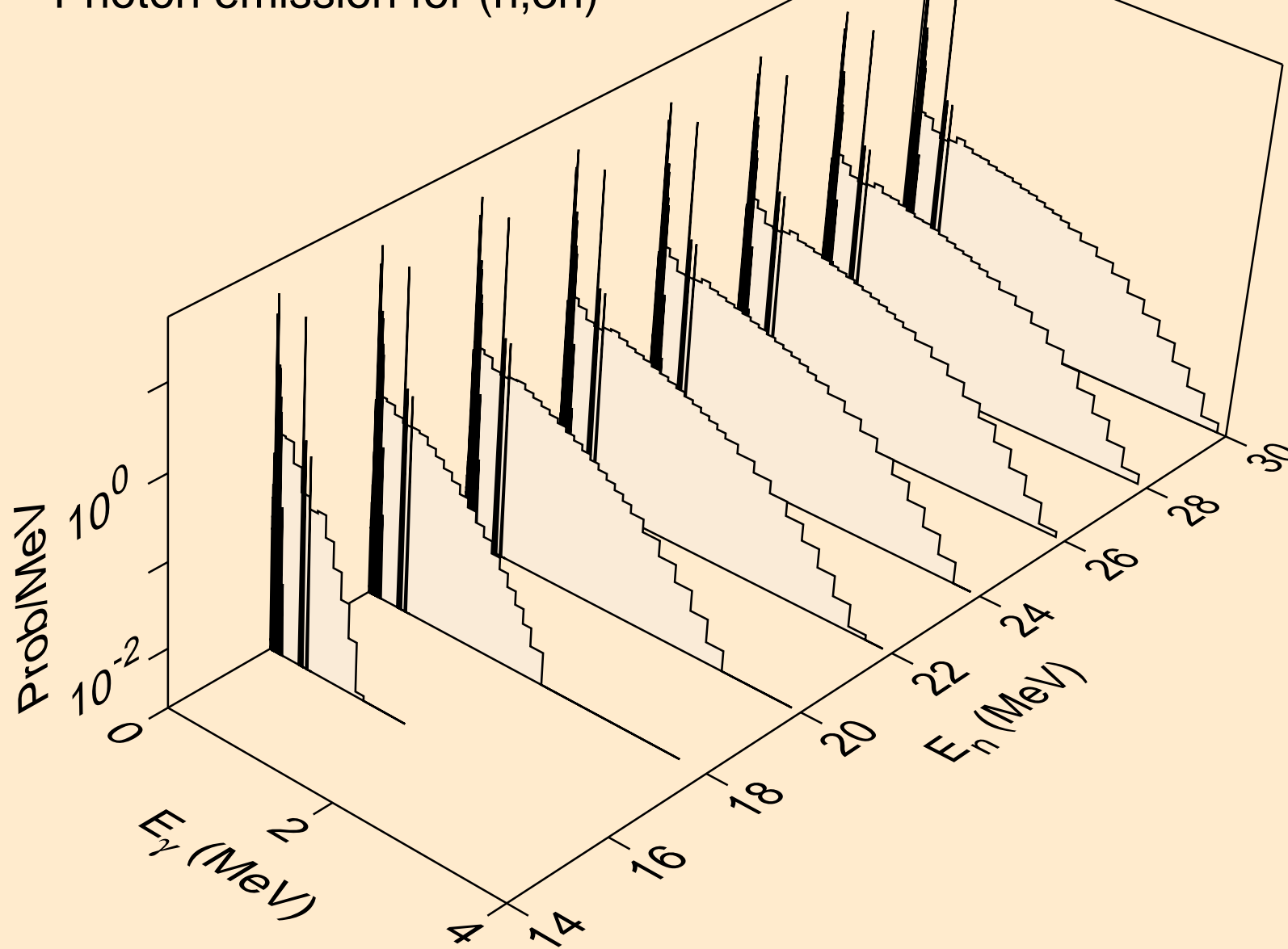
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



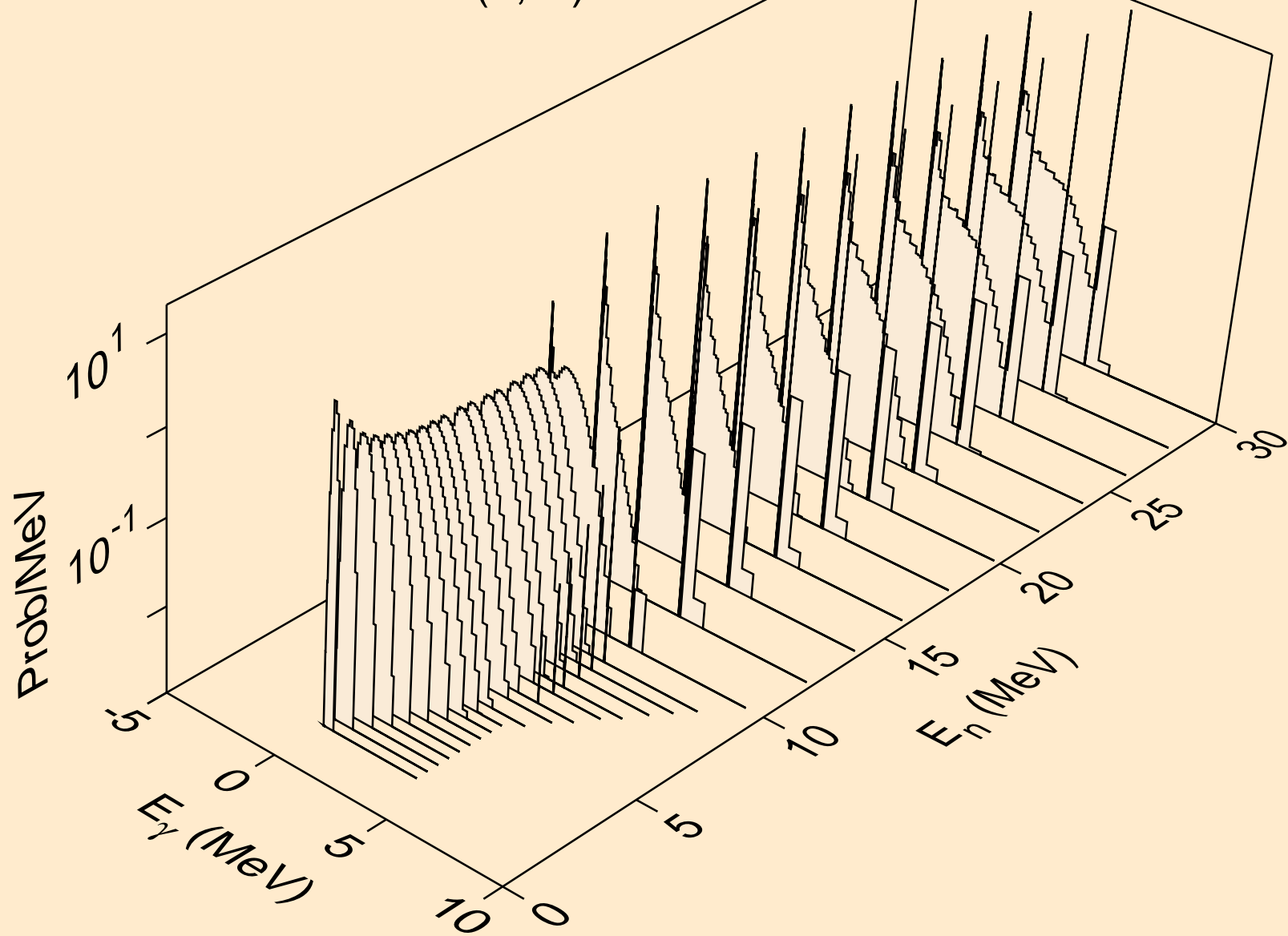
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



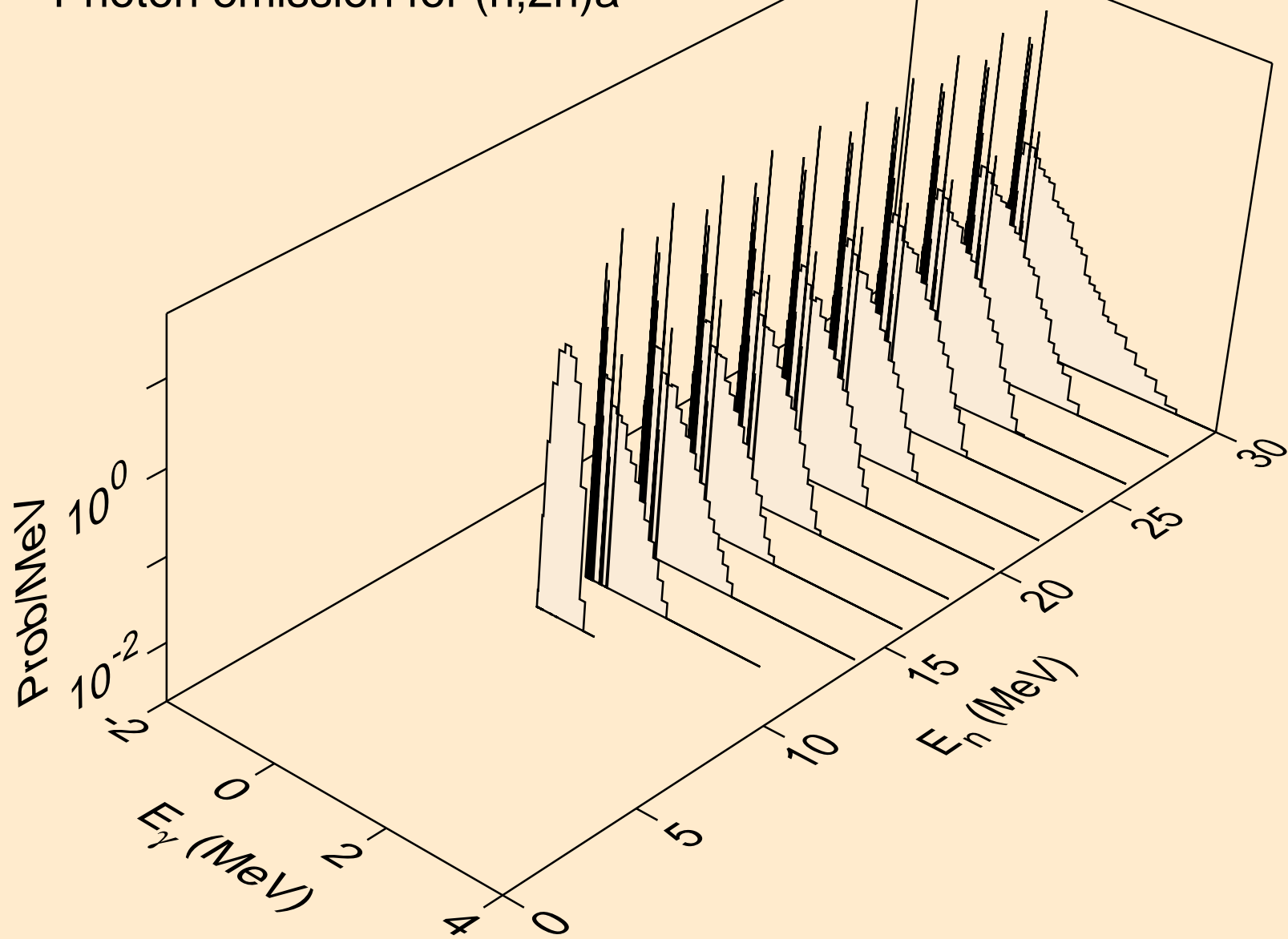
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

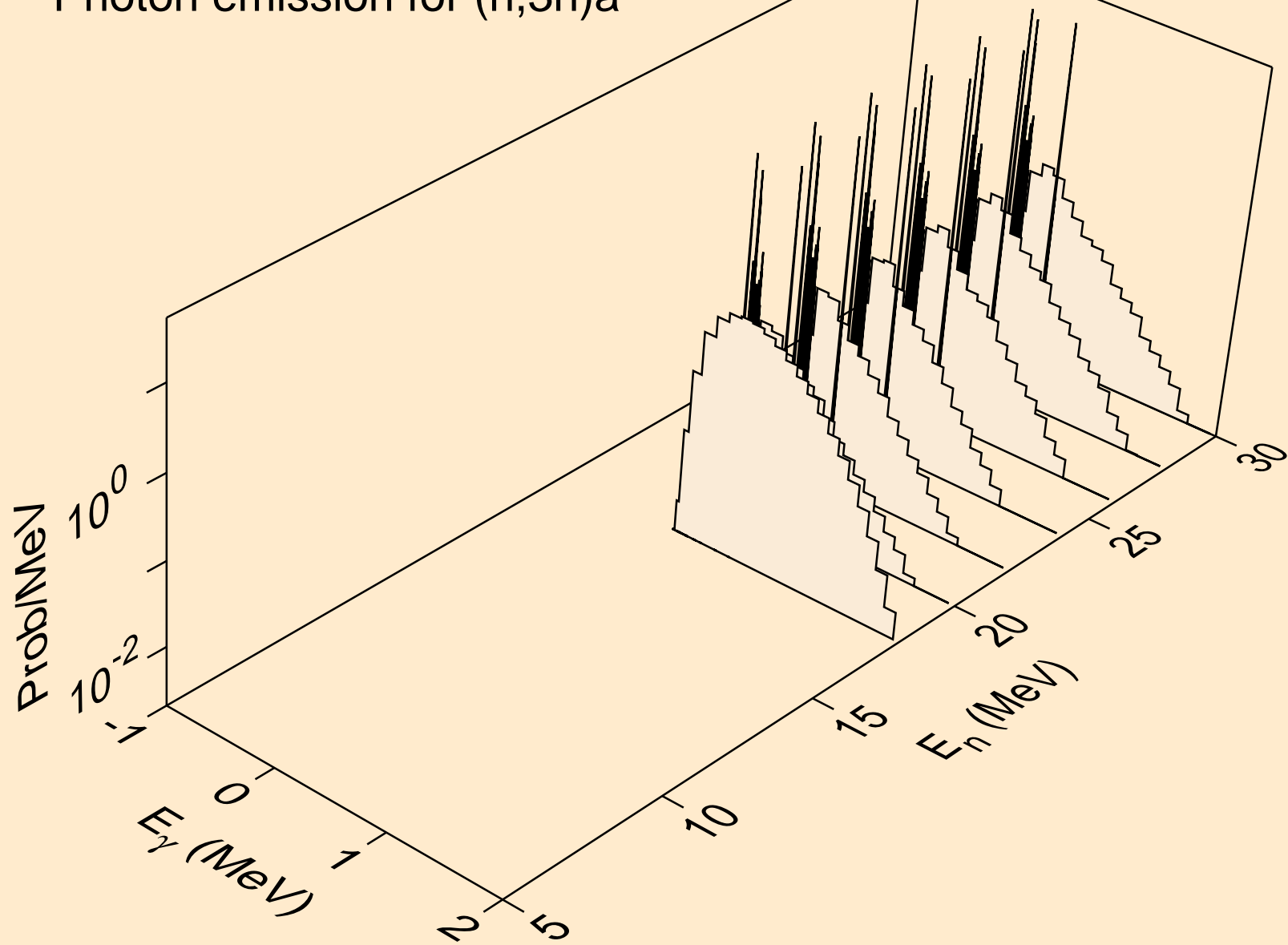


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

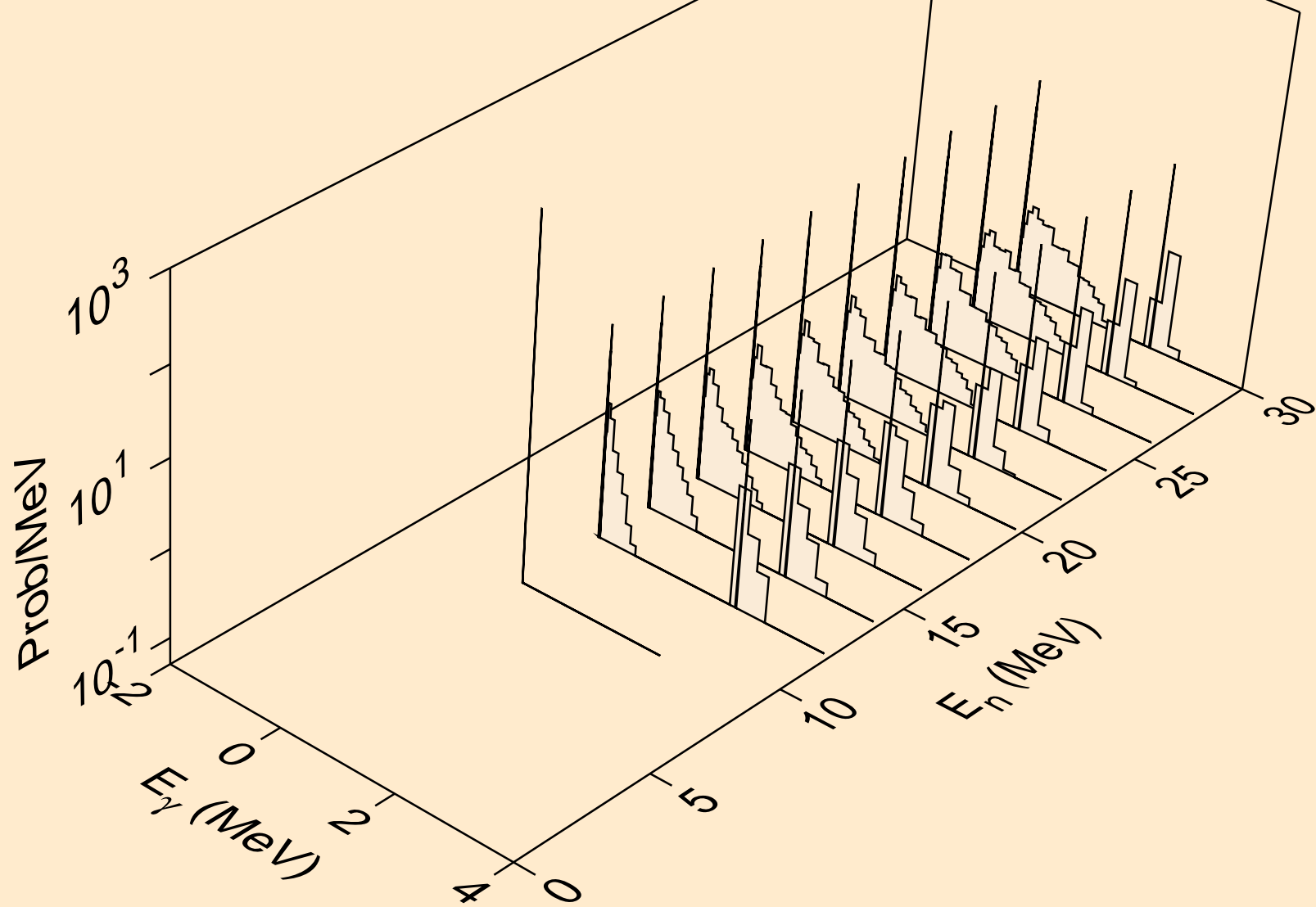




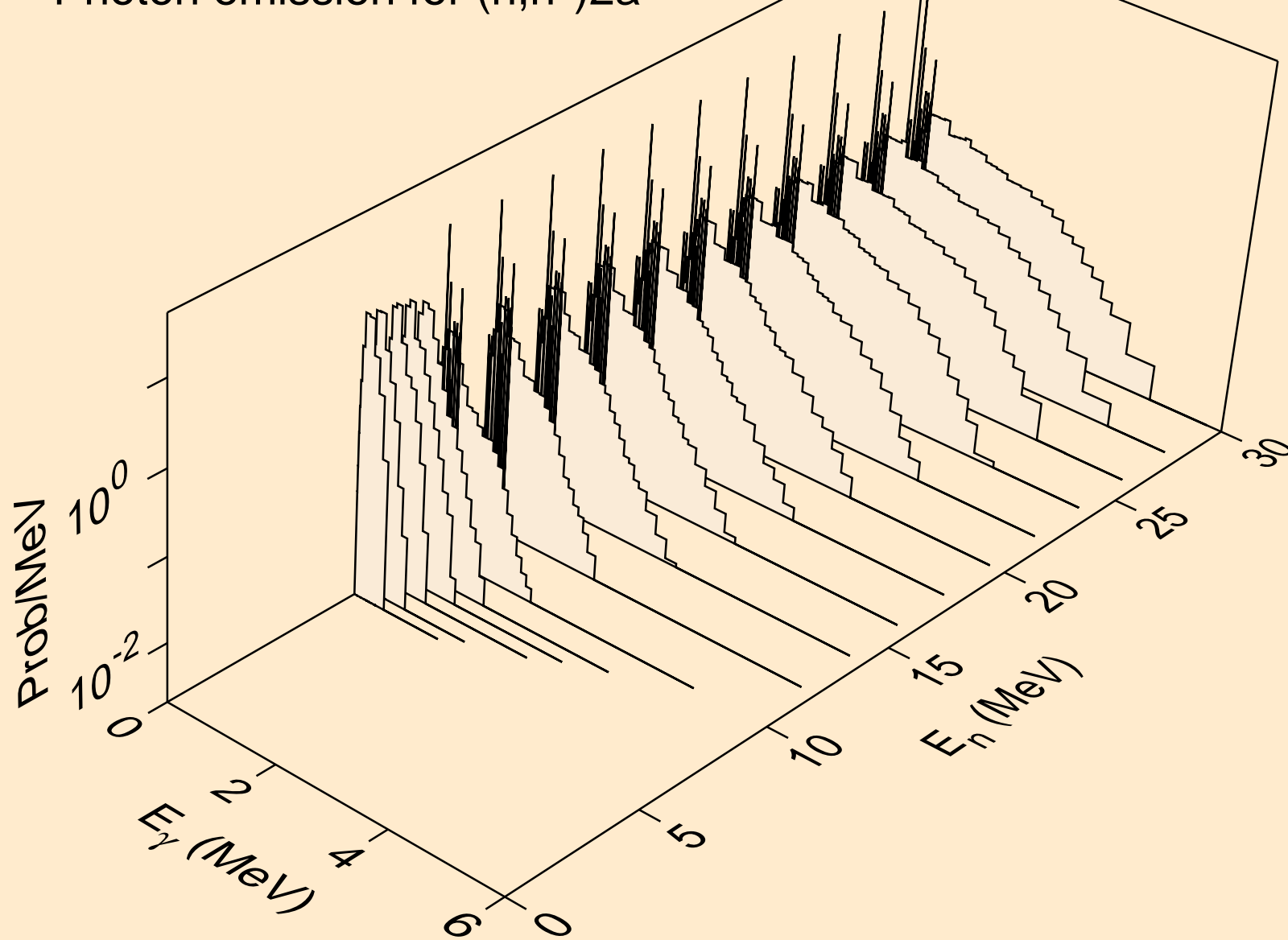
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



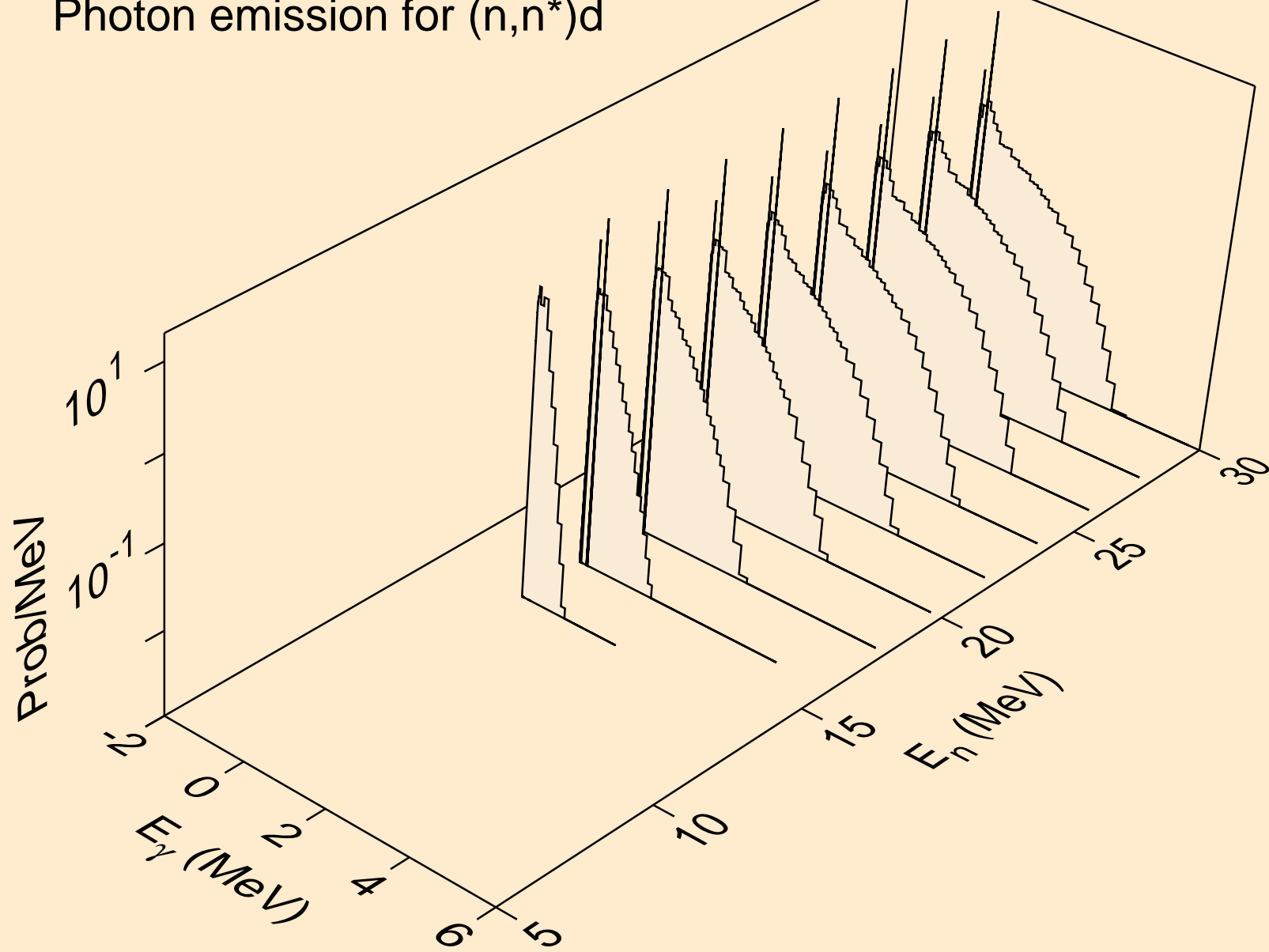
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



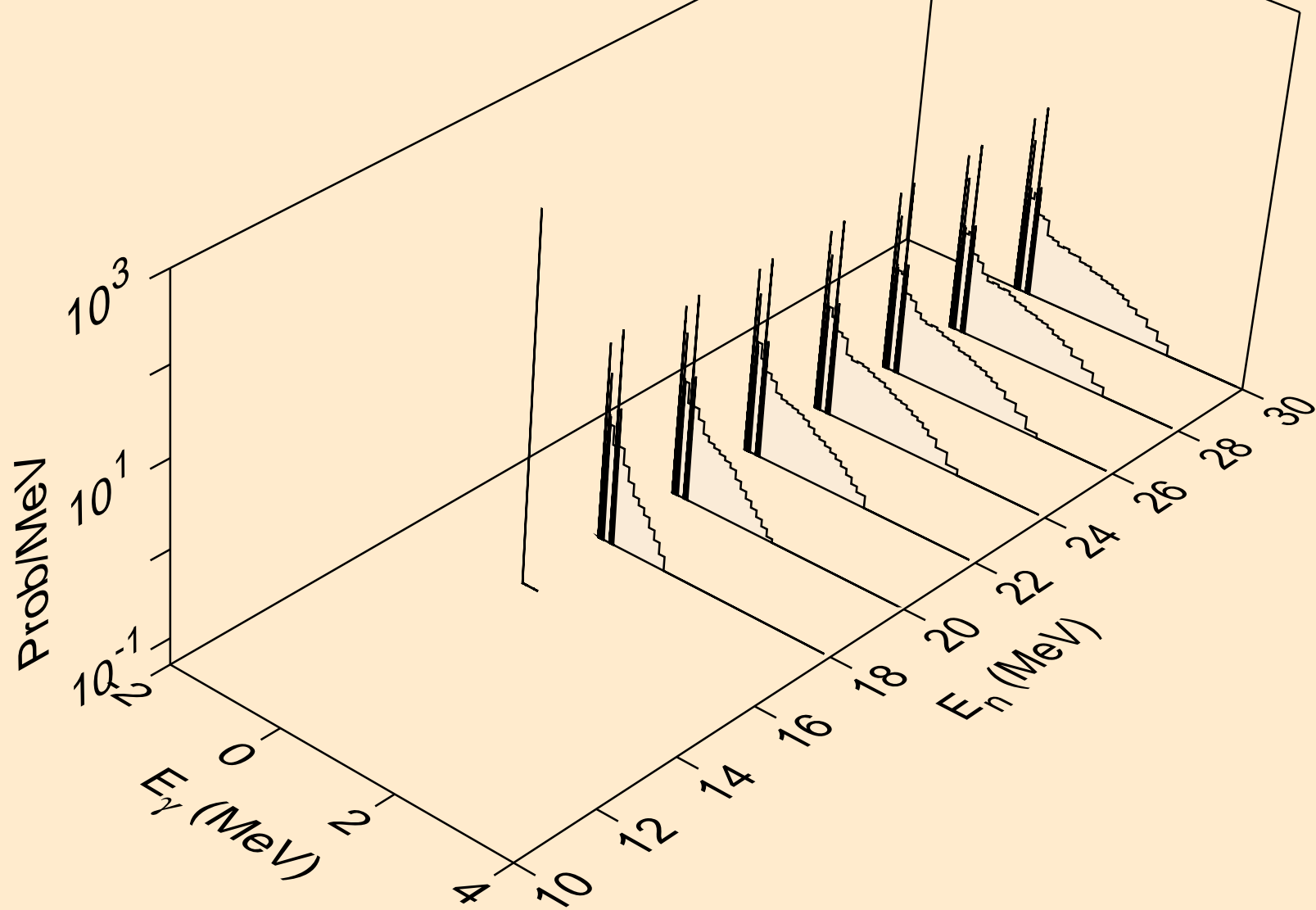
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



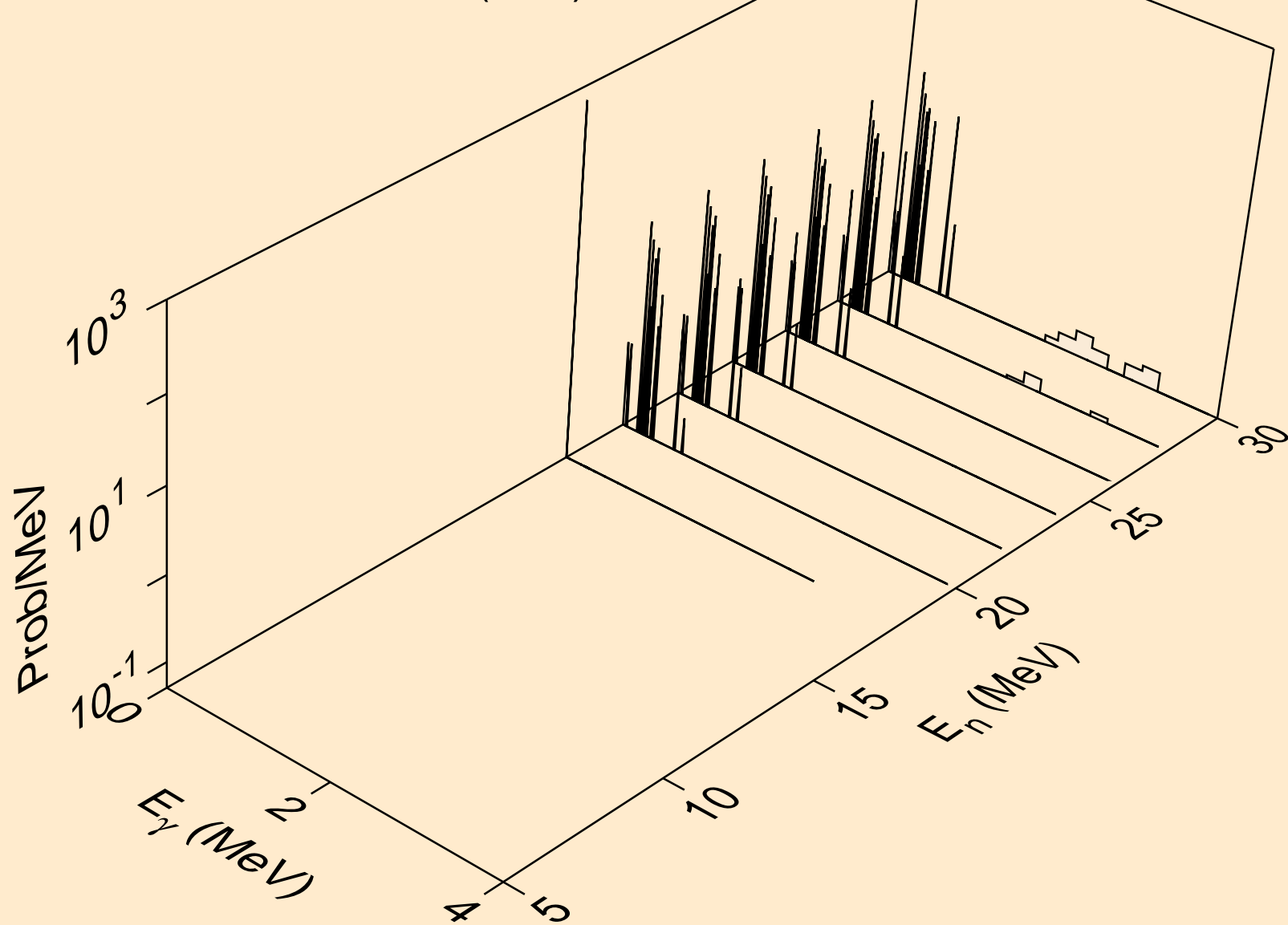
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



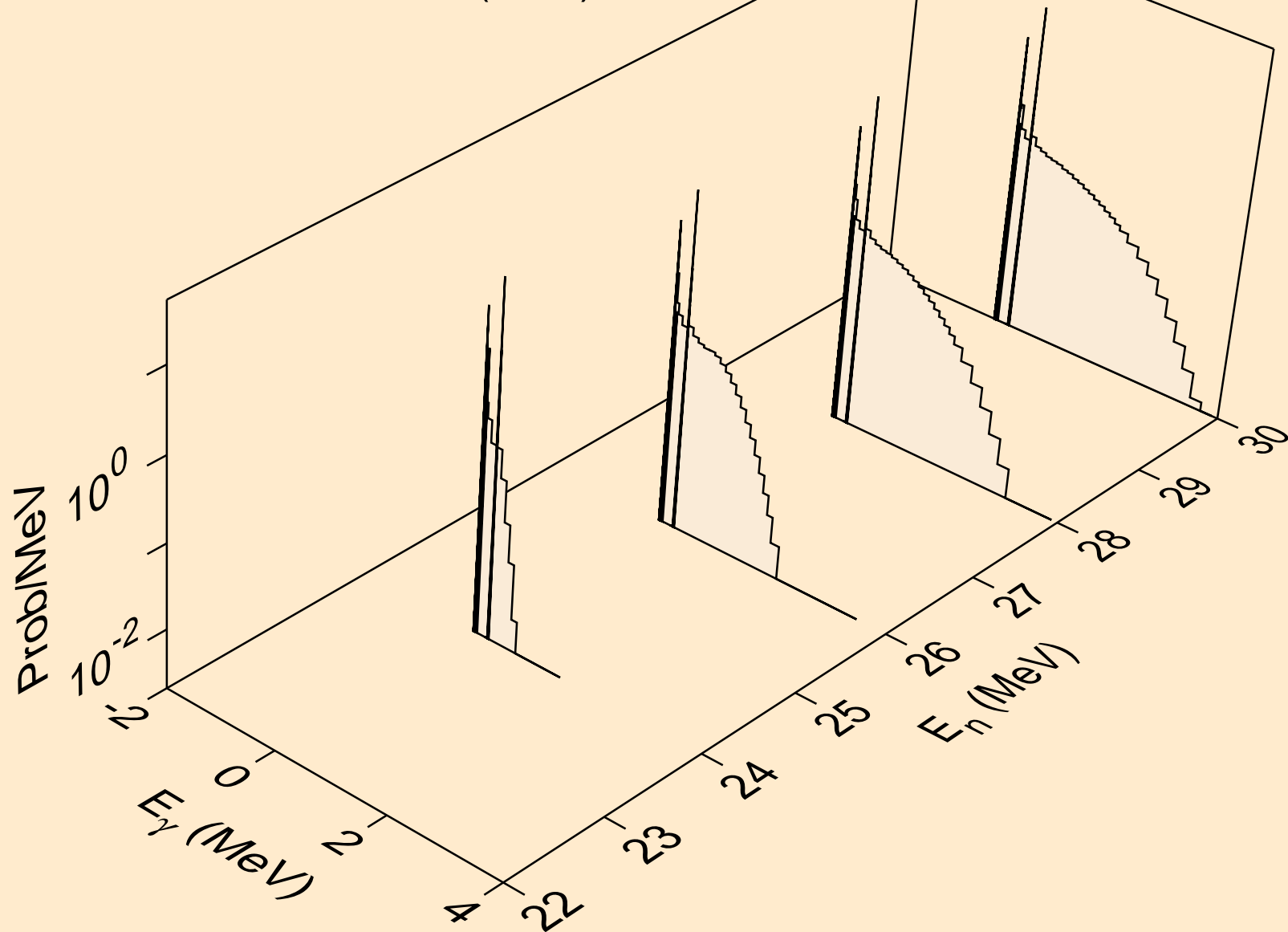
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



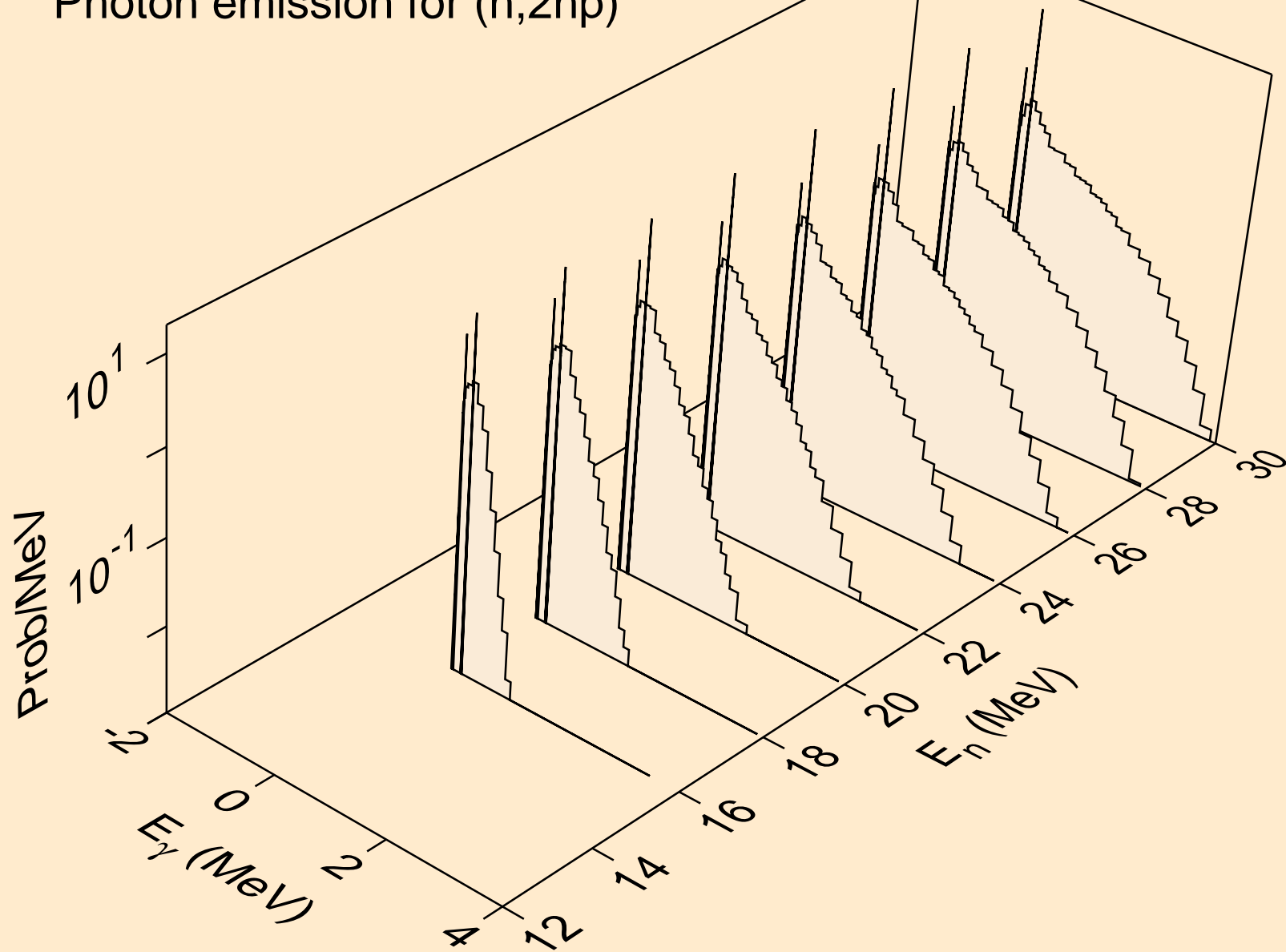
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

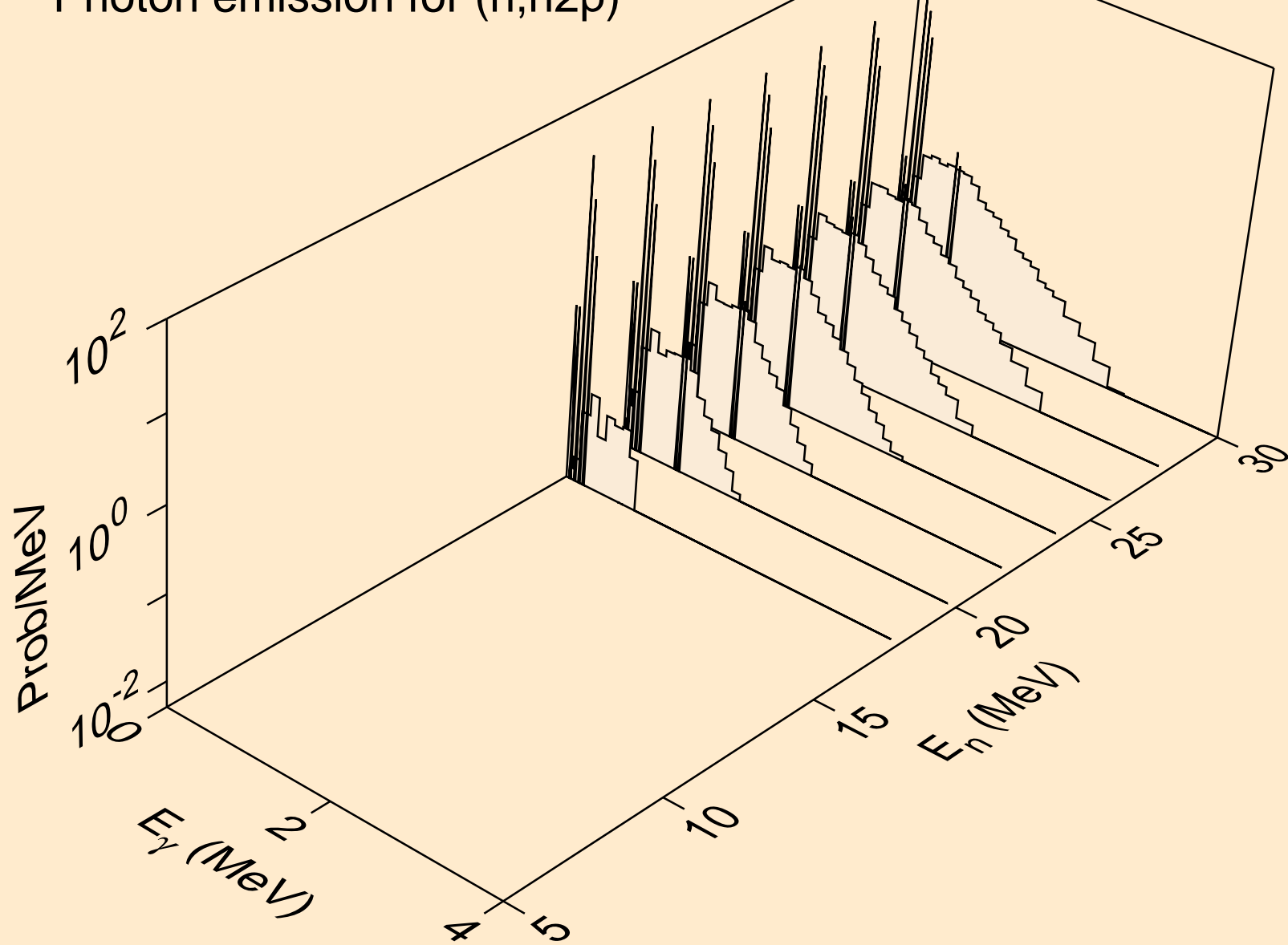


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

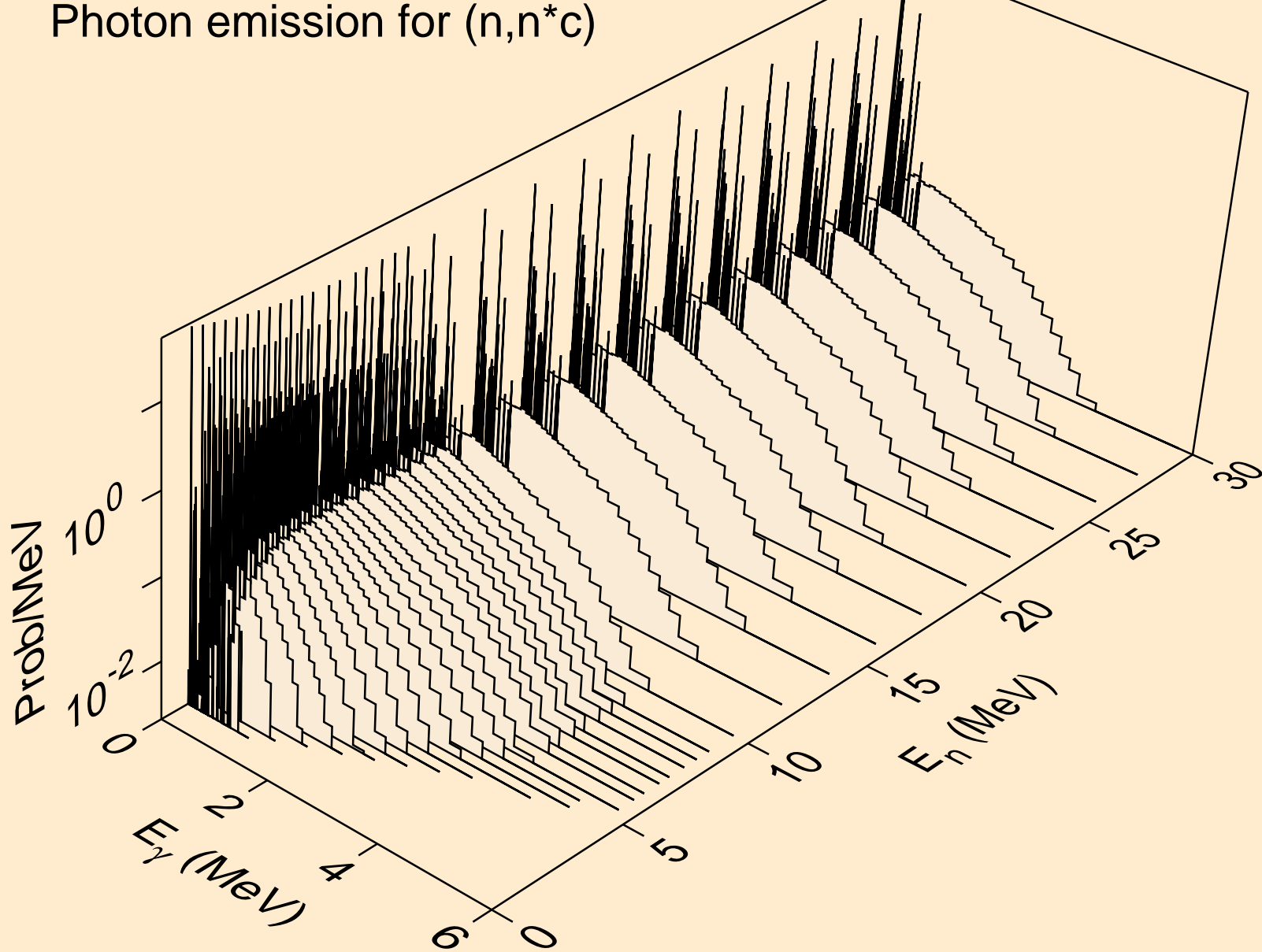




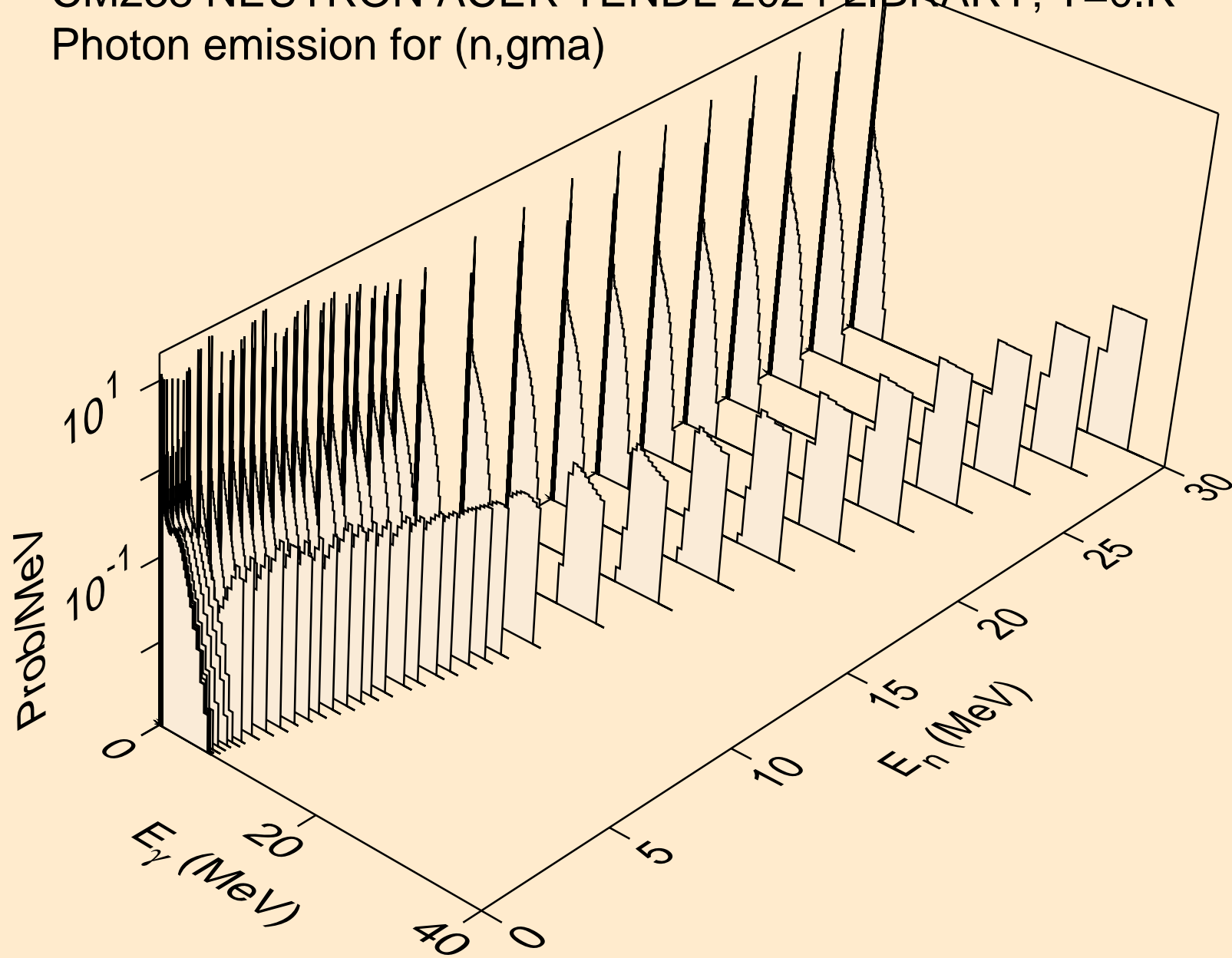
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



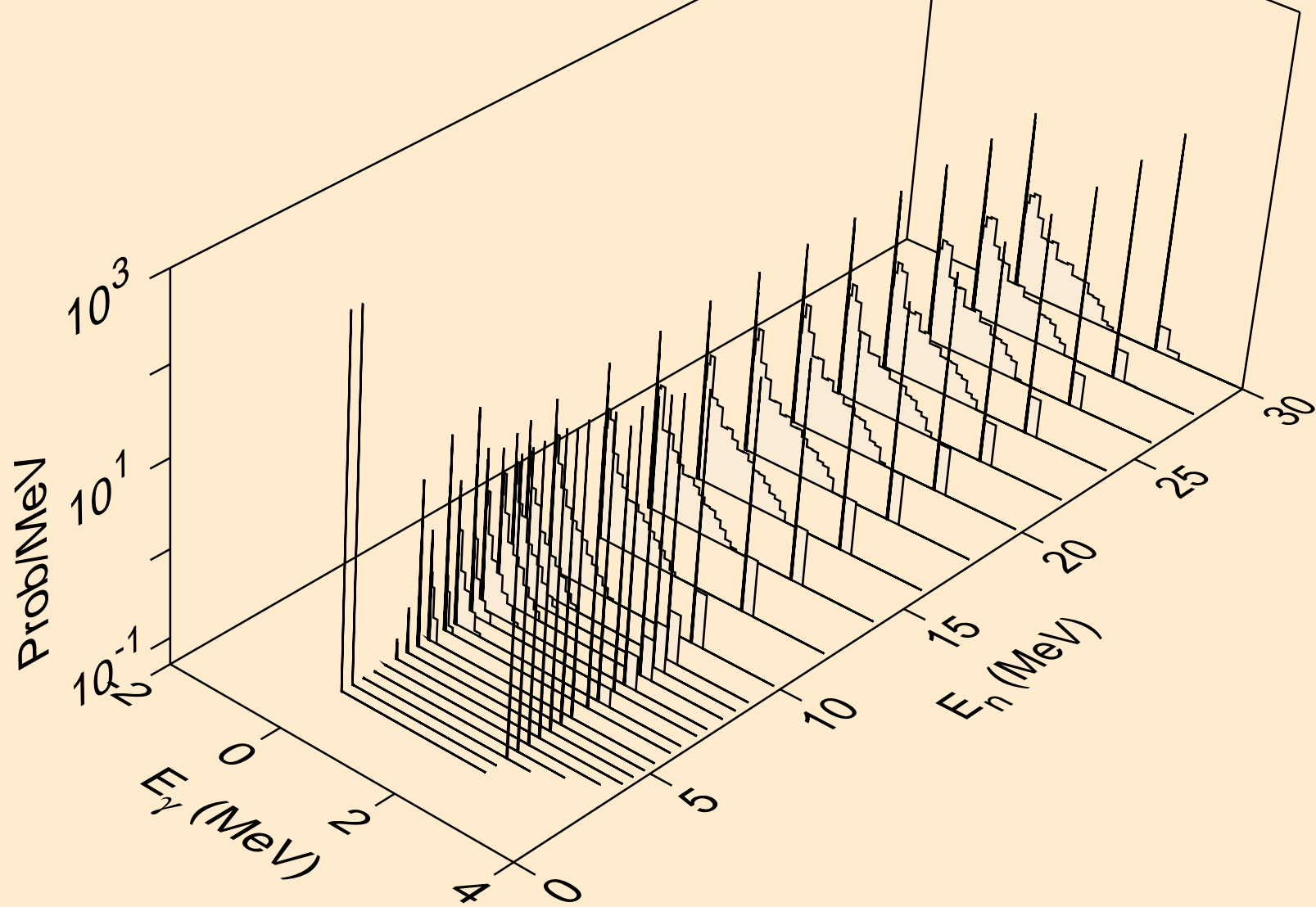
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



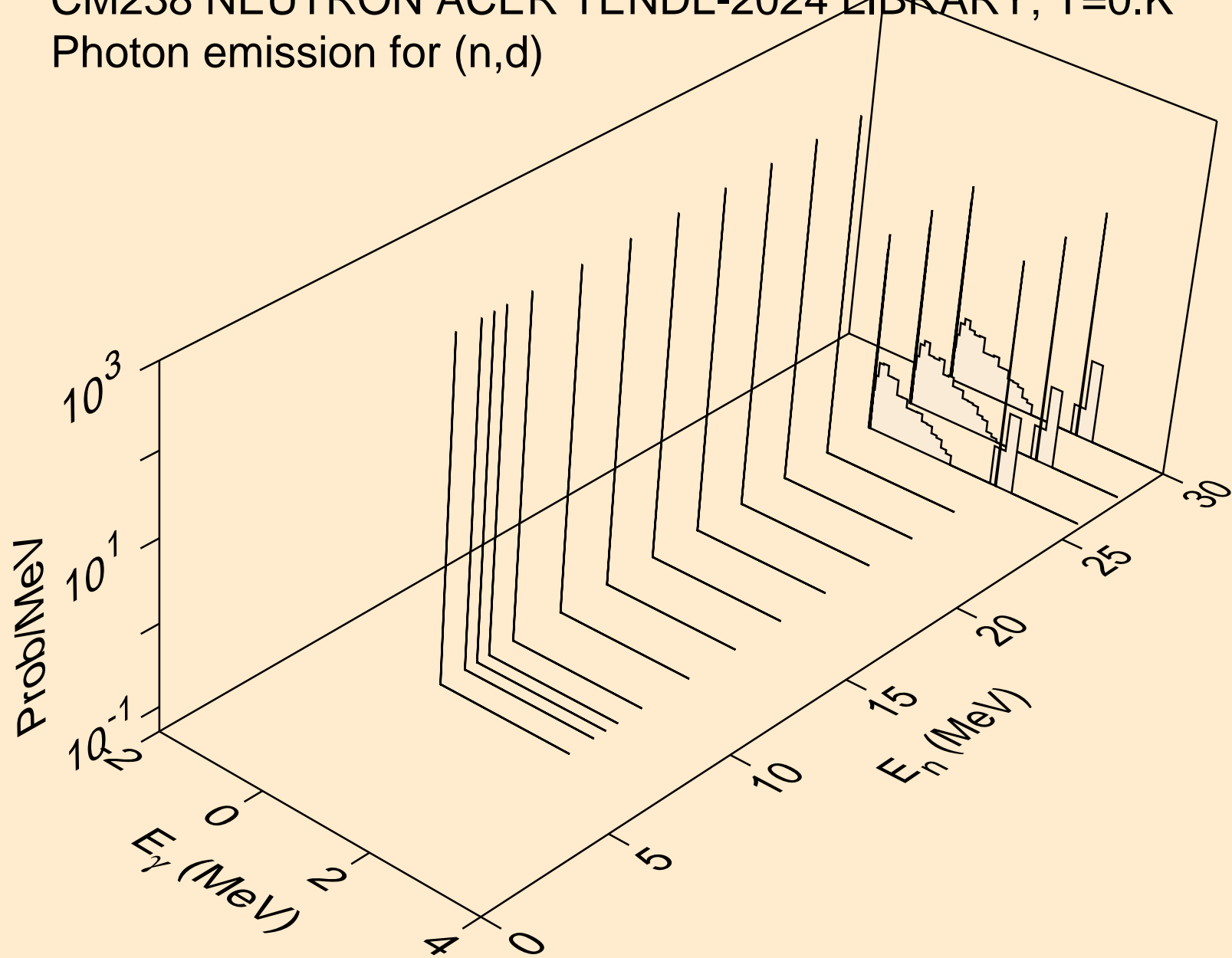
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



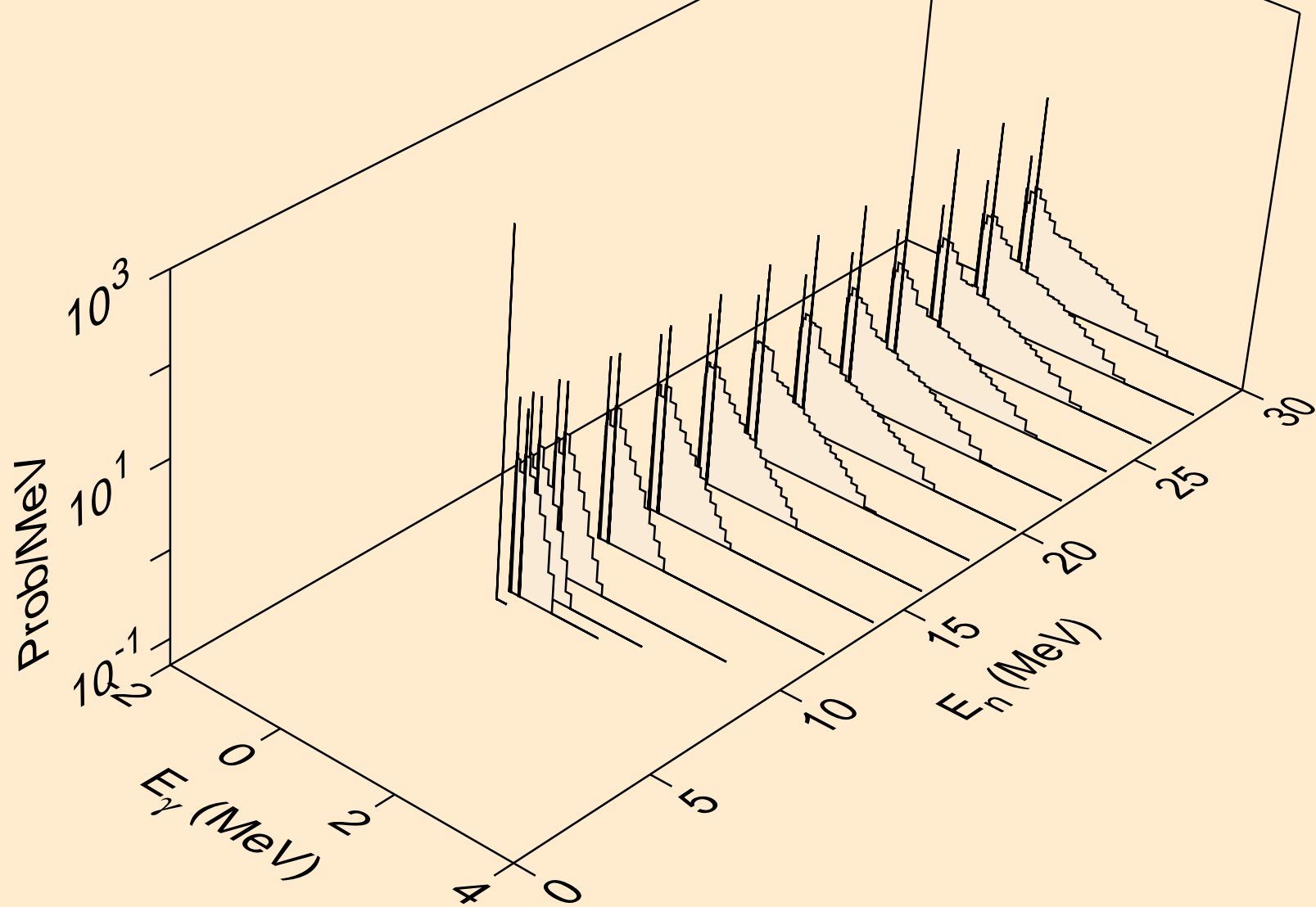
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



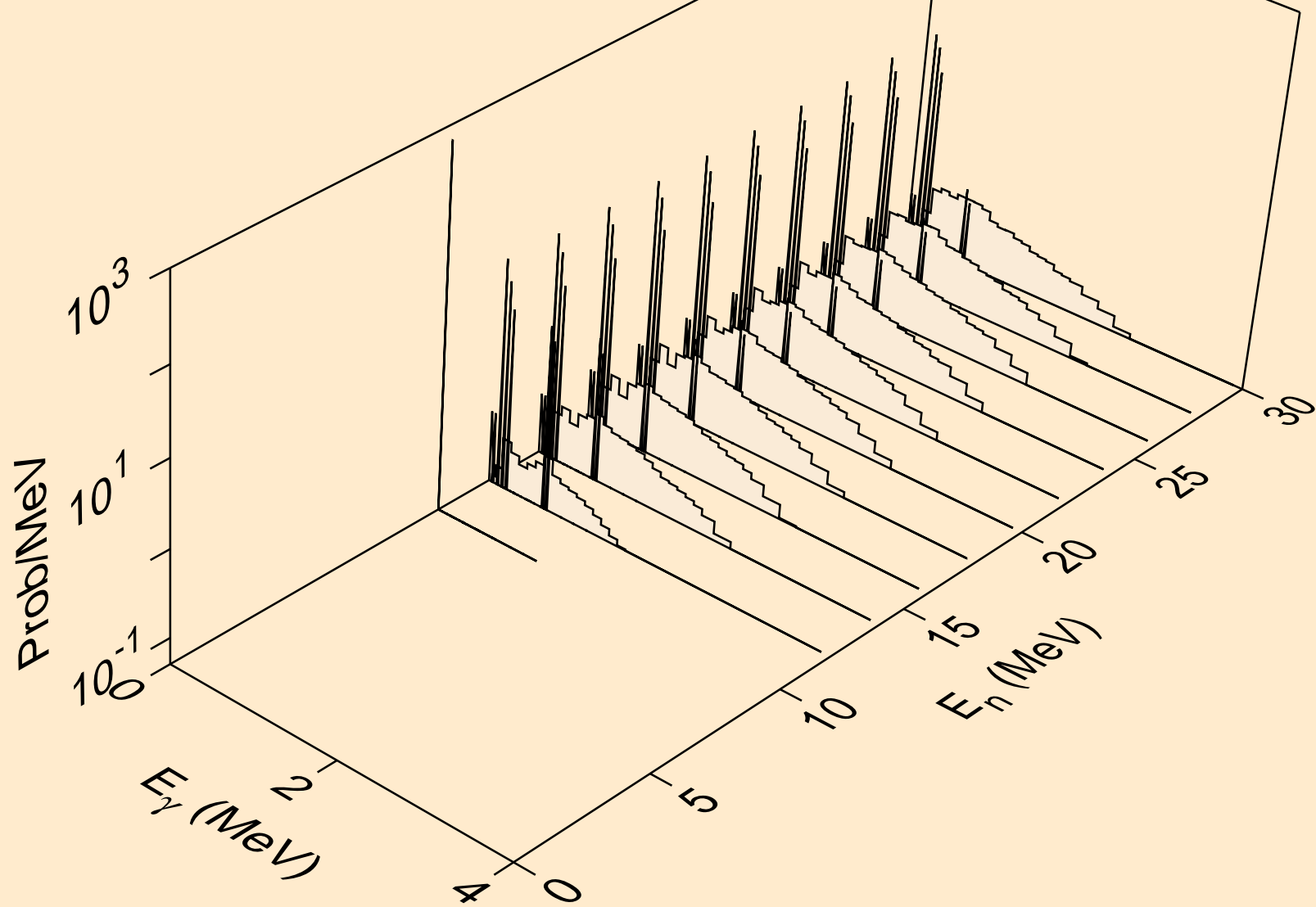
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



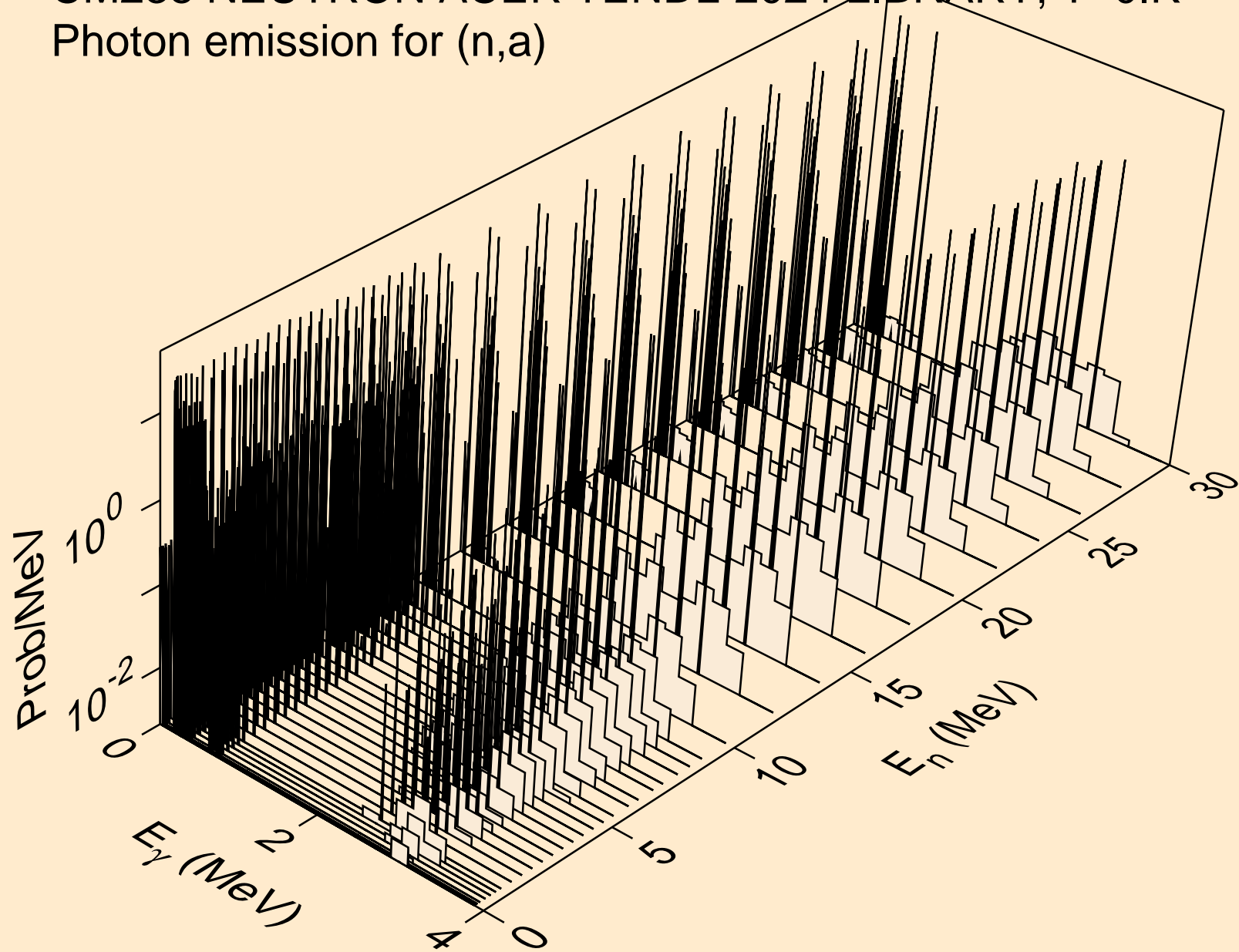
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

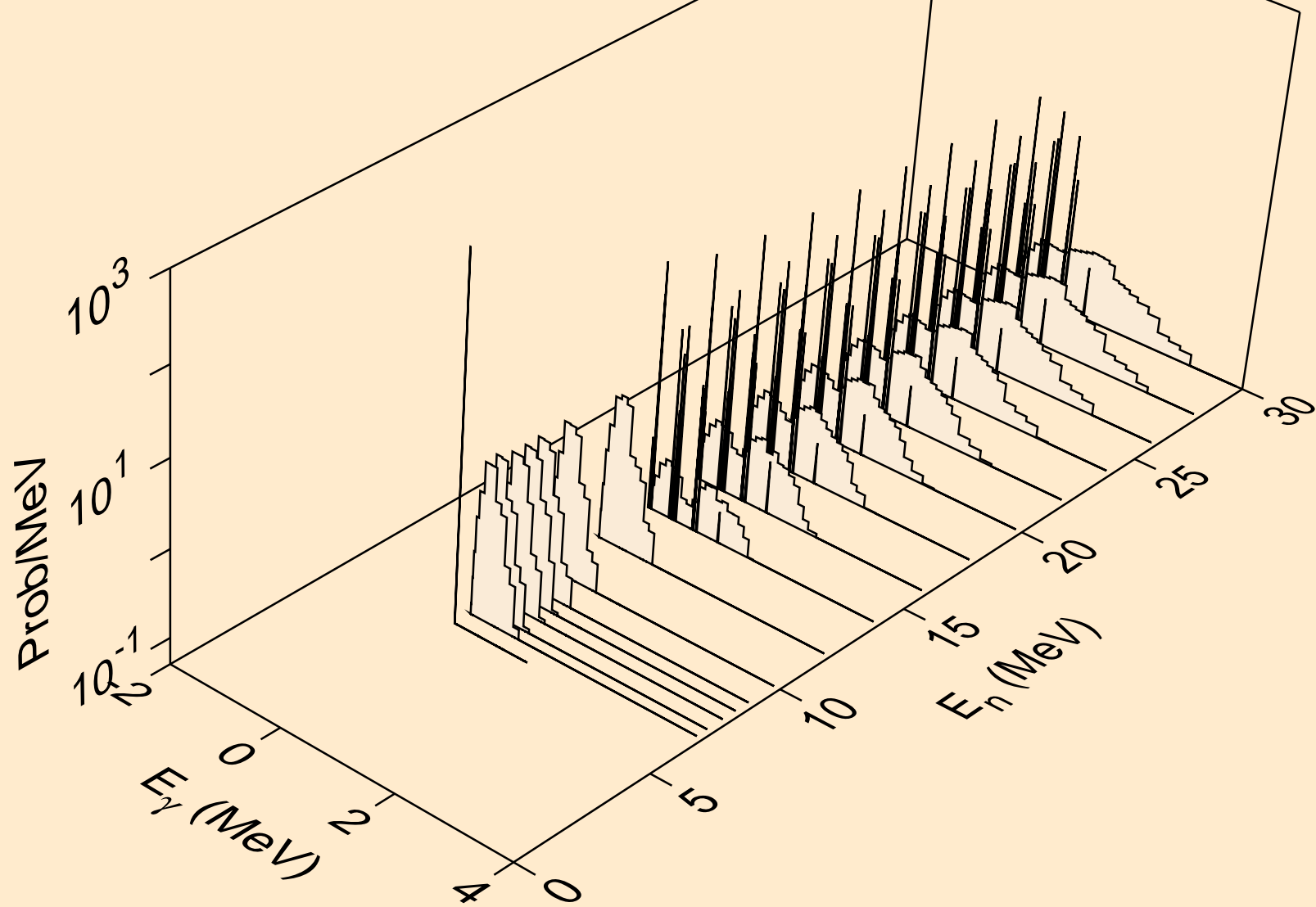


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

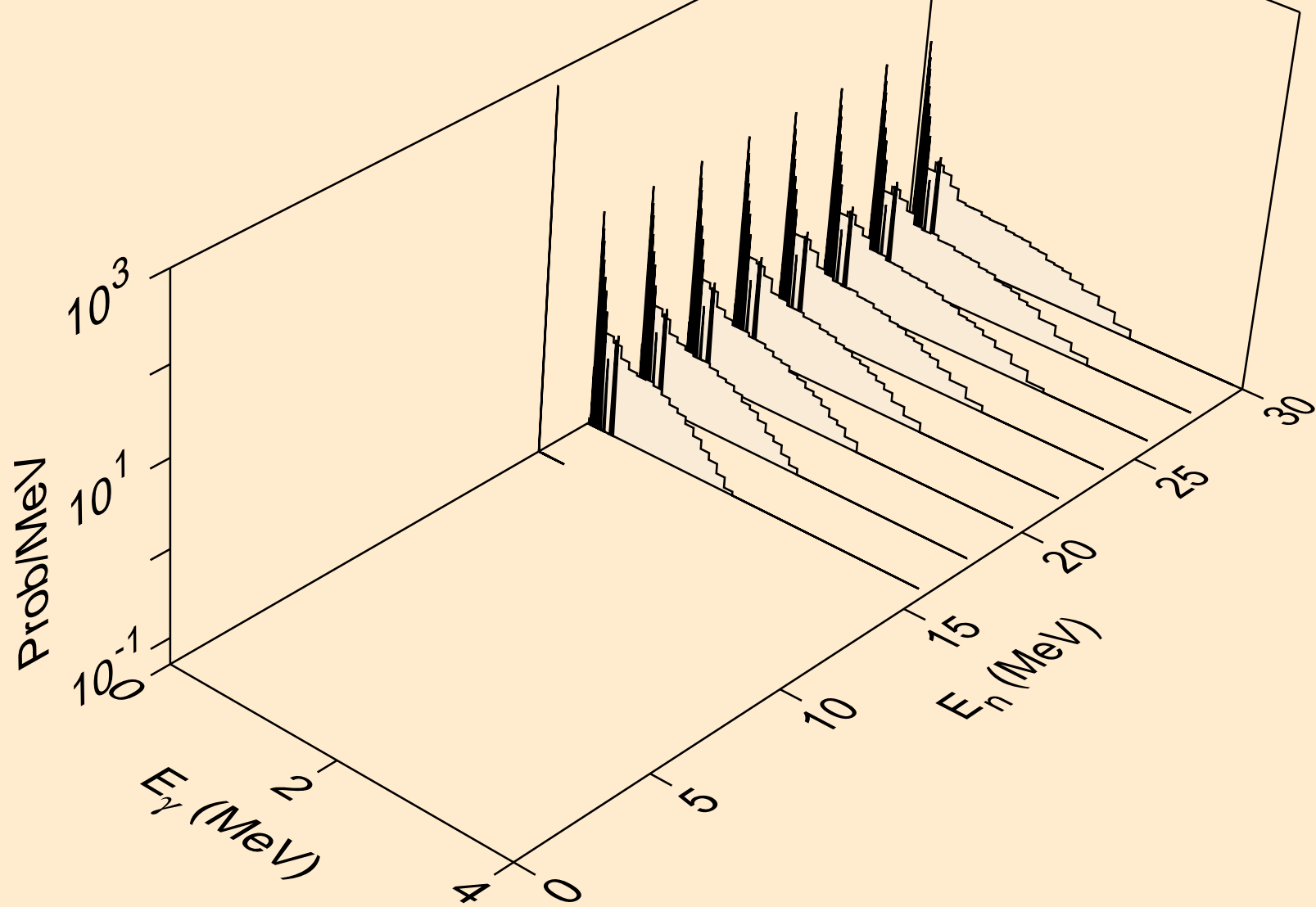




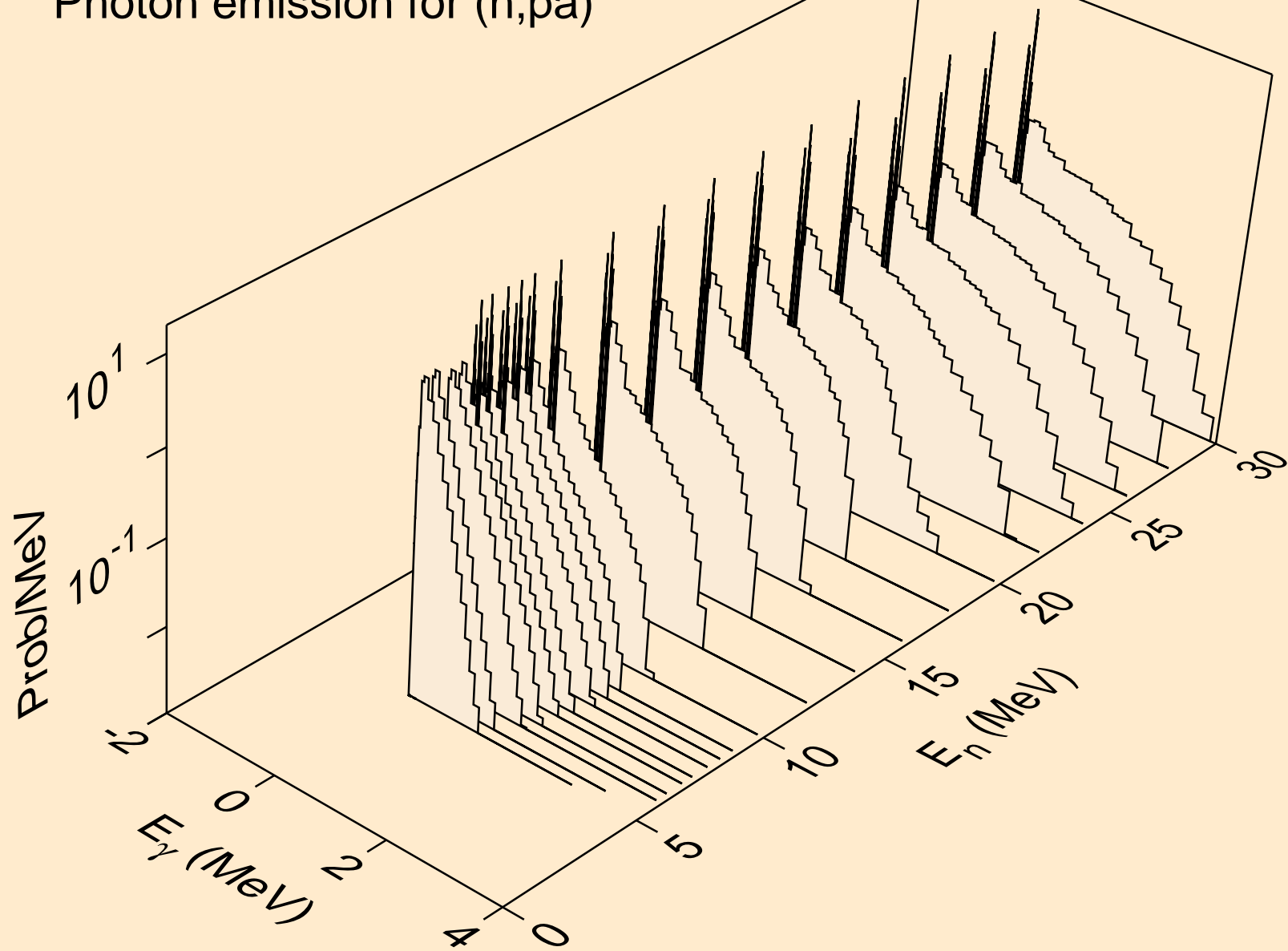
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Photon emission for (n,2a)



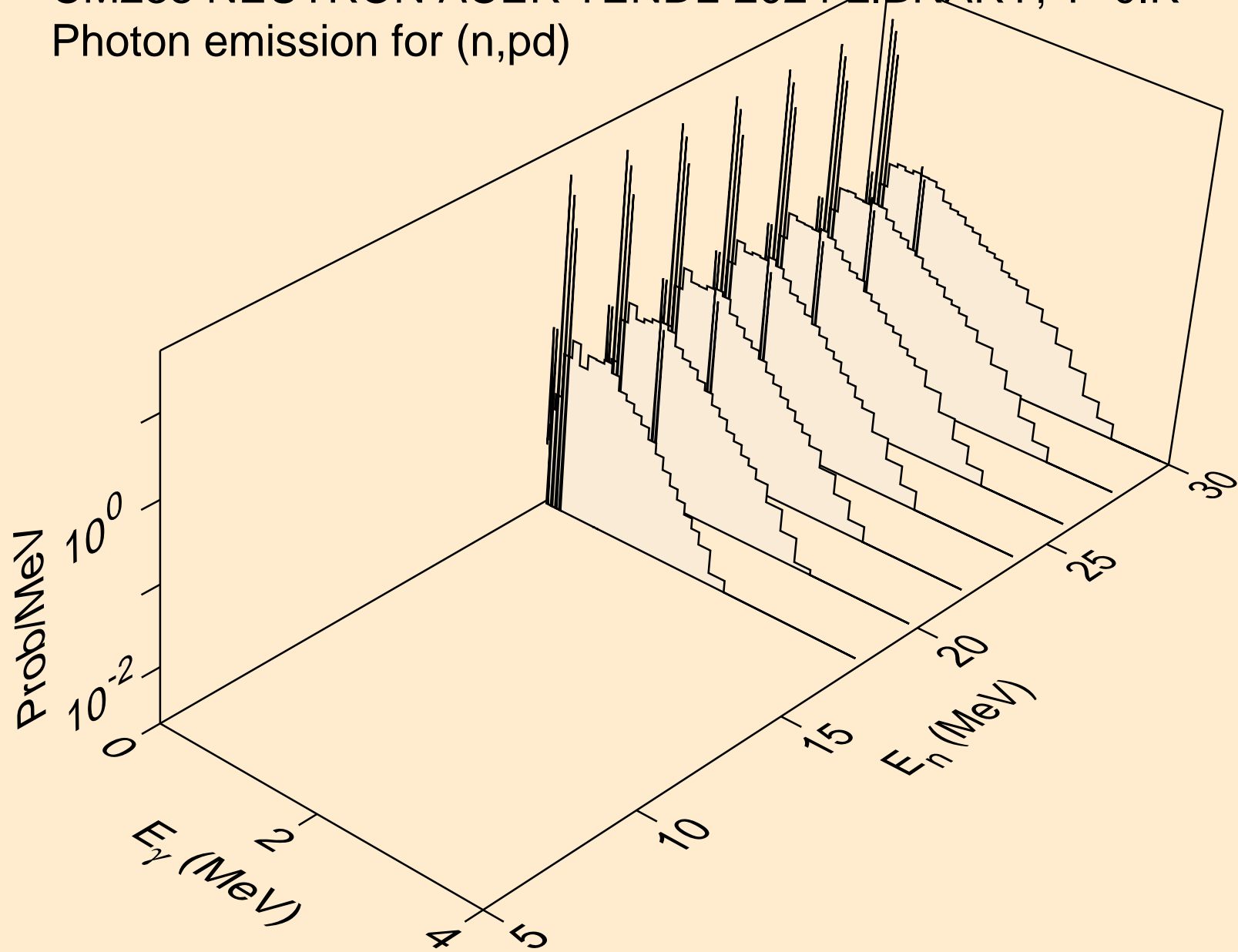
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



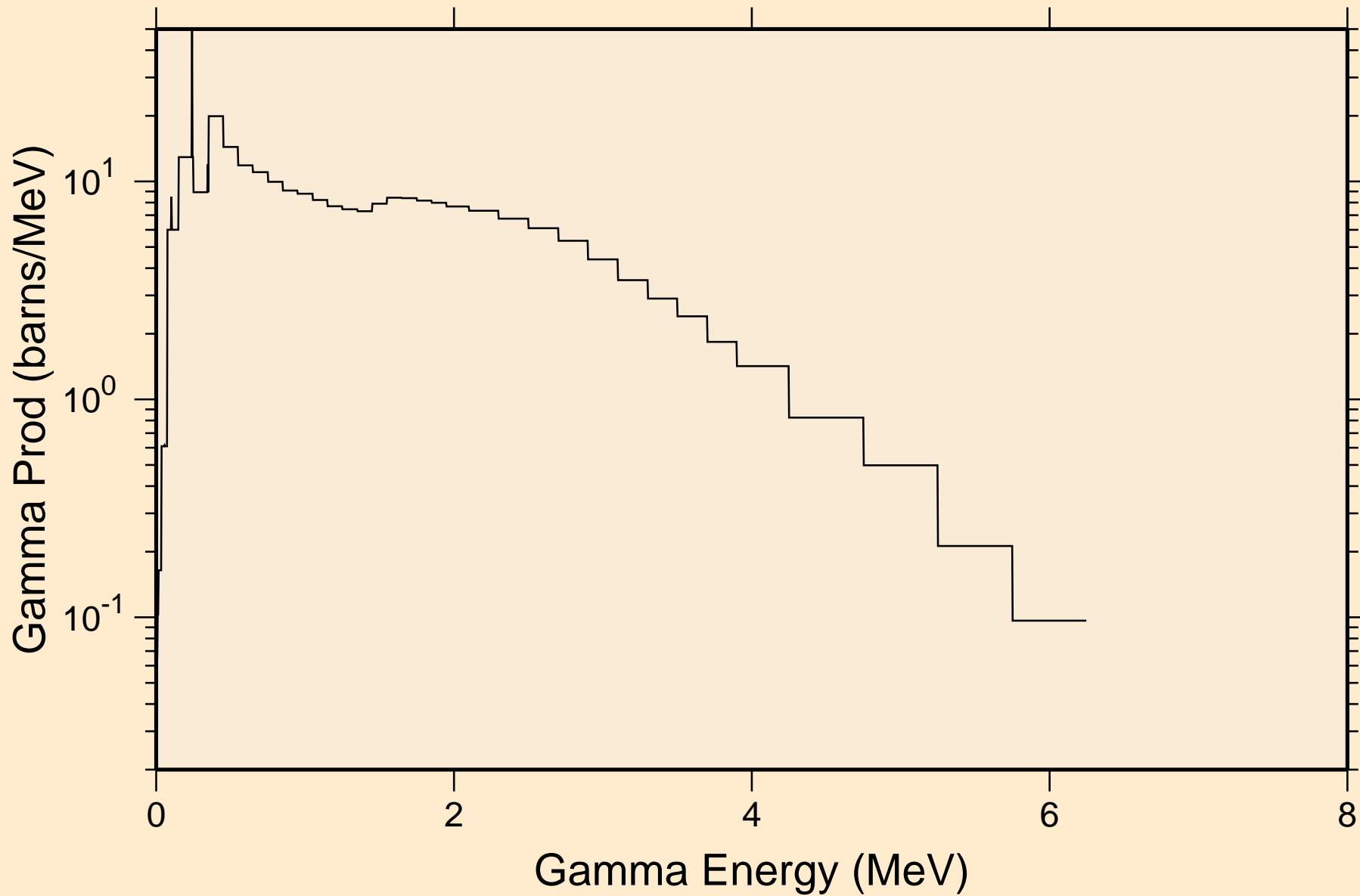
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Photon emission for (n,p $\alpha$ )



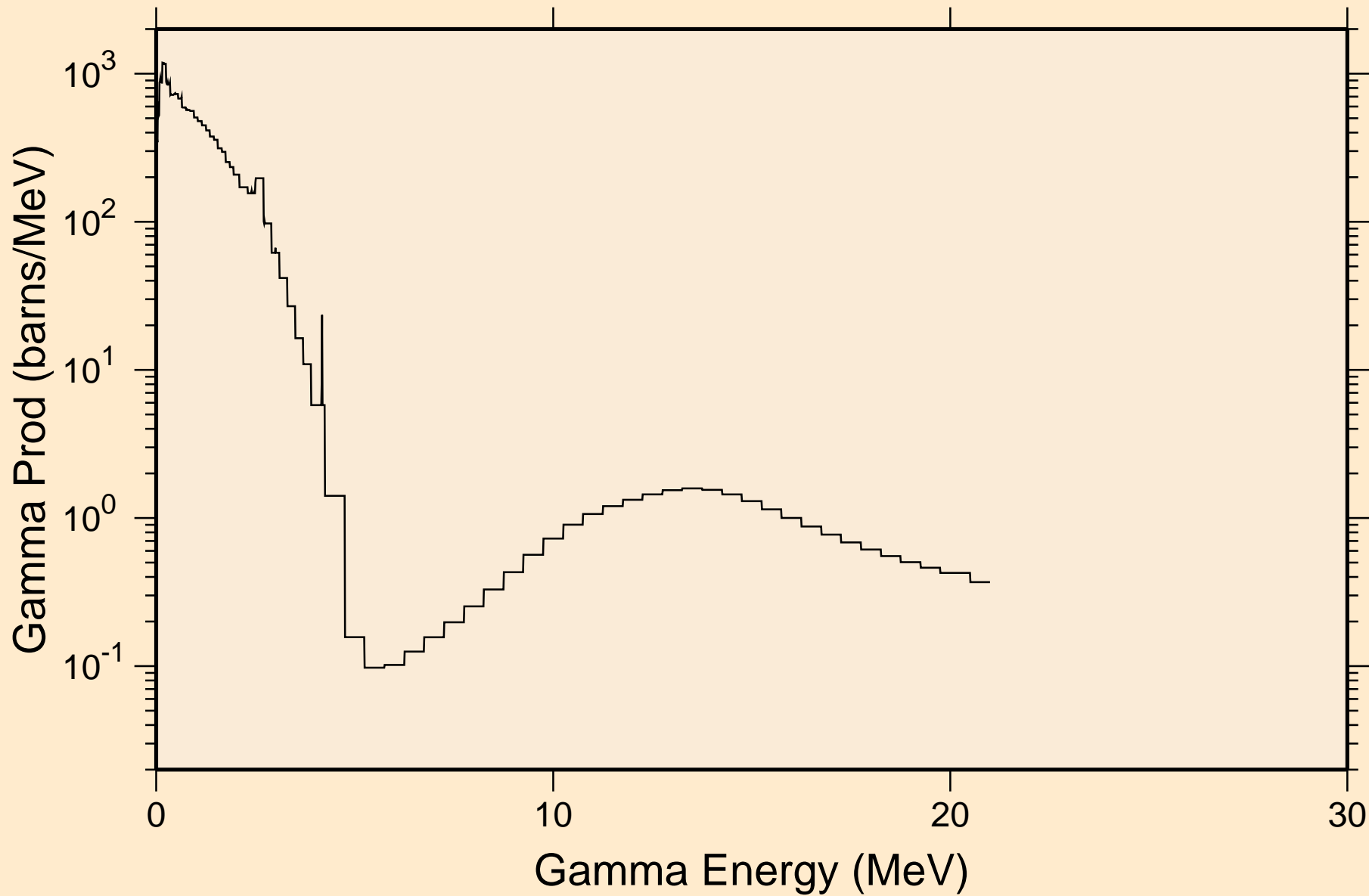
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum

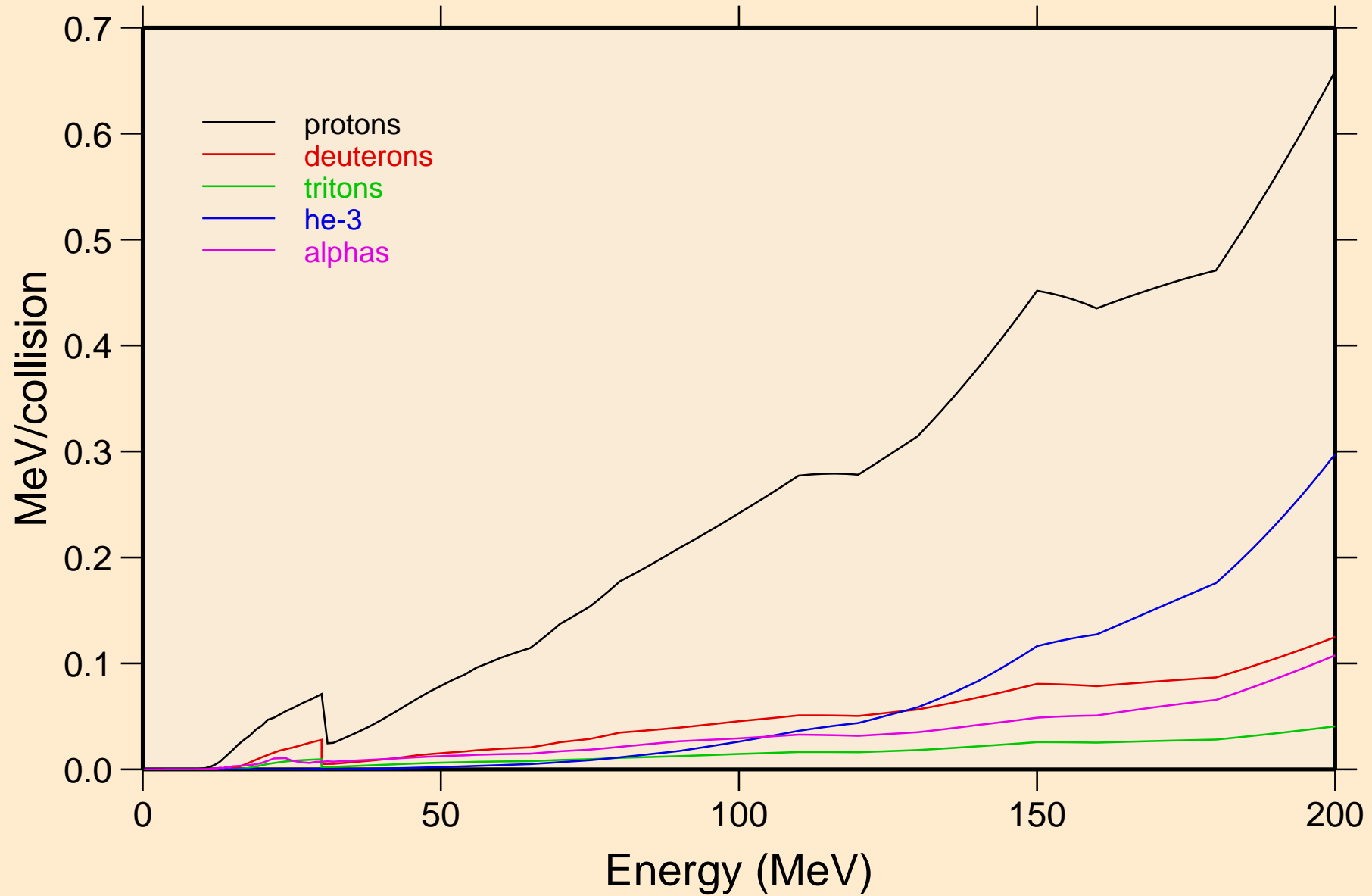


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum

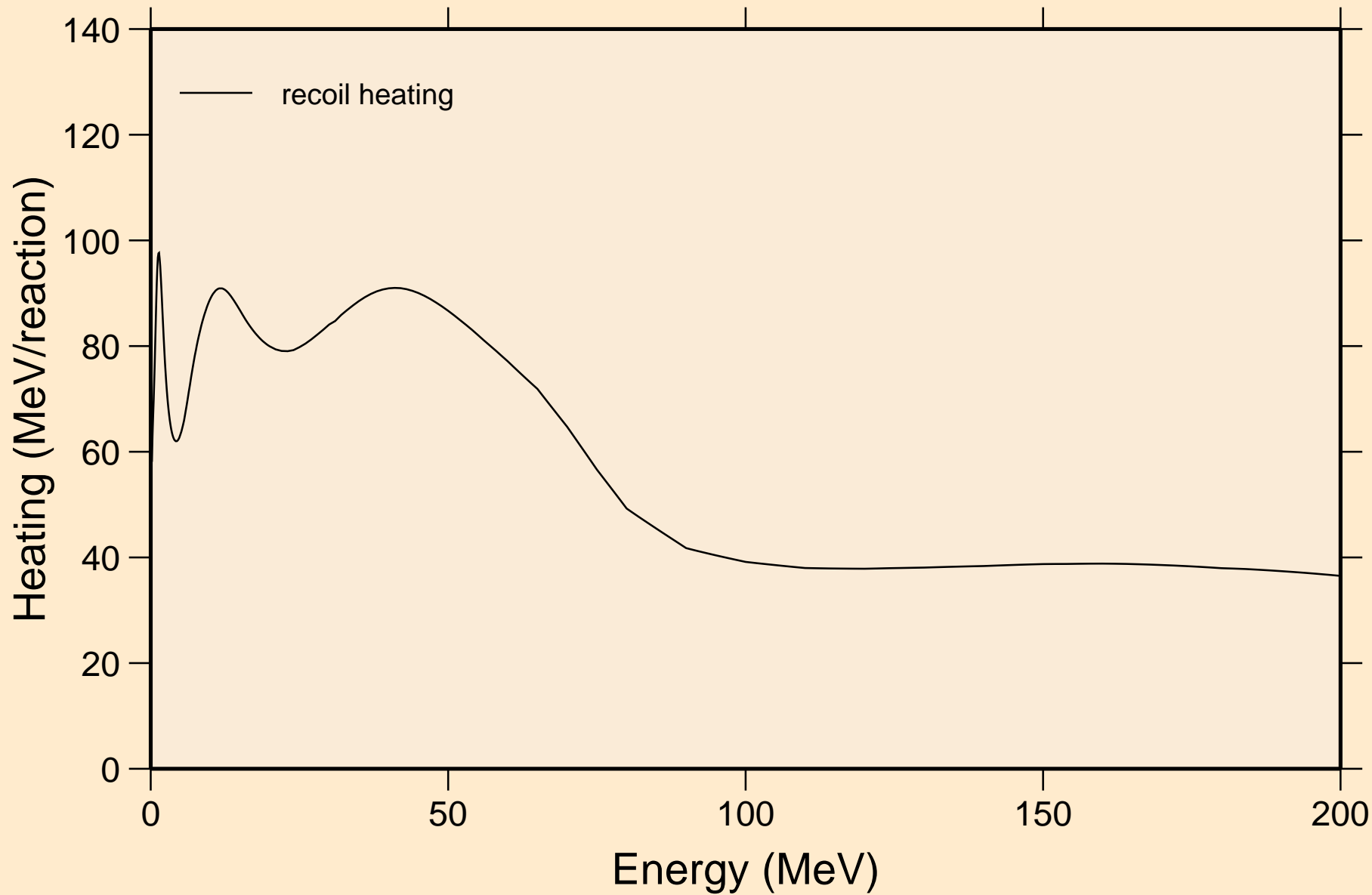


# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



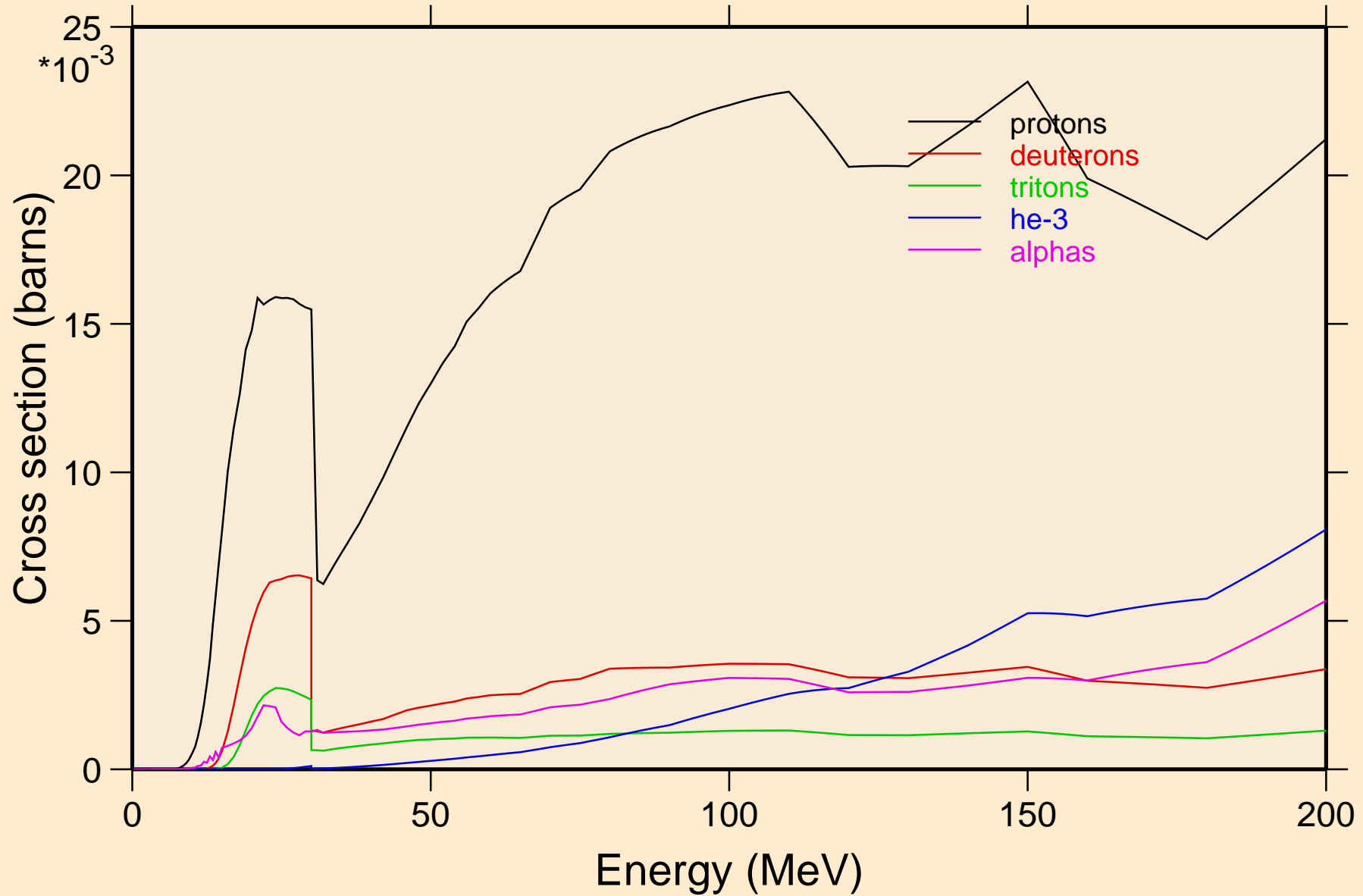
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



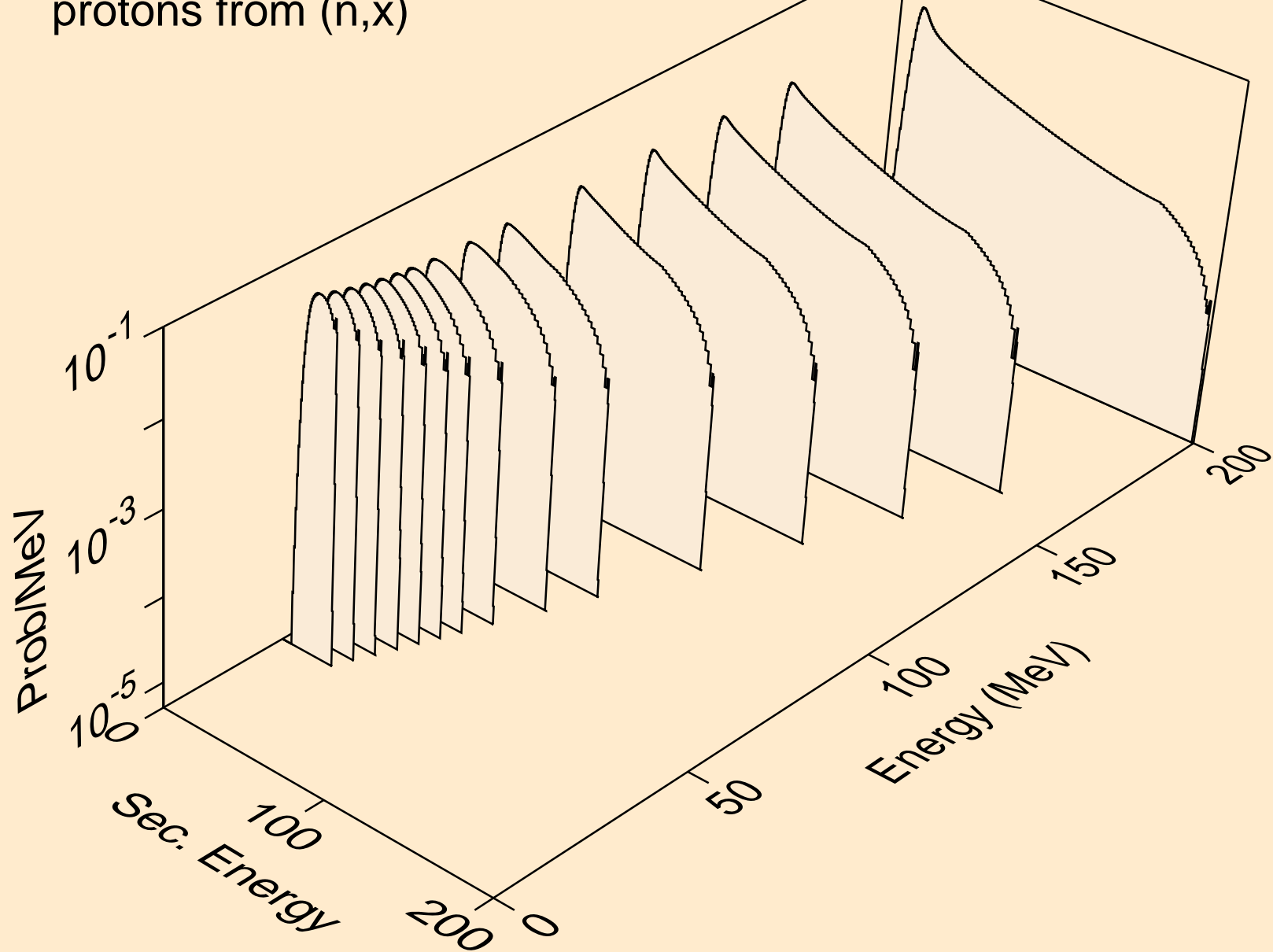


# CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

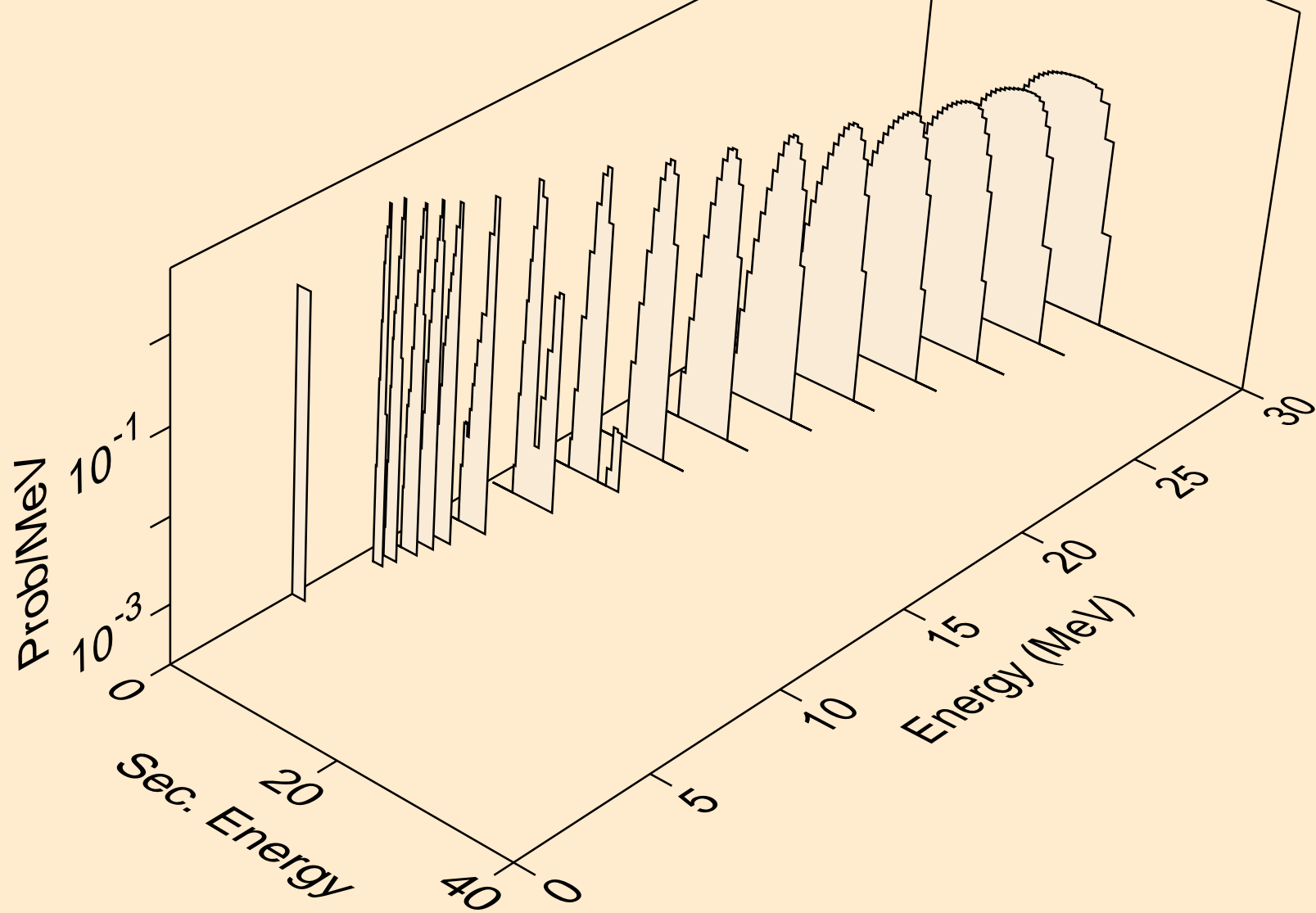
## Particle production cross sections



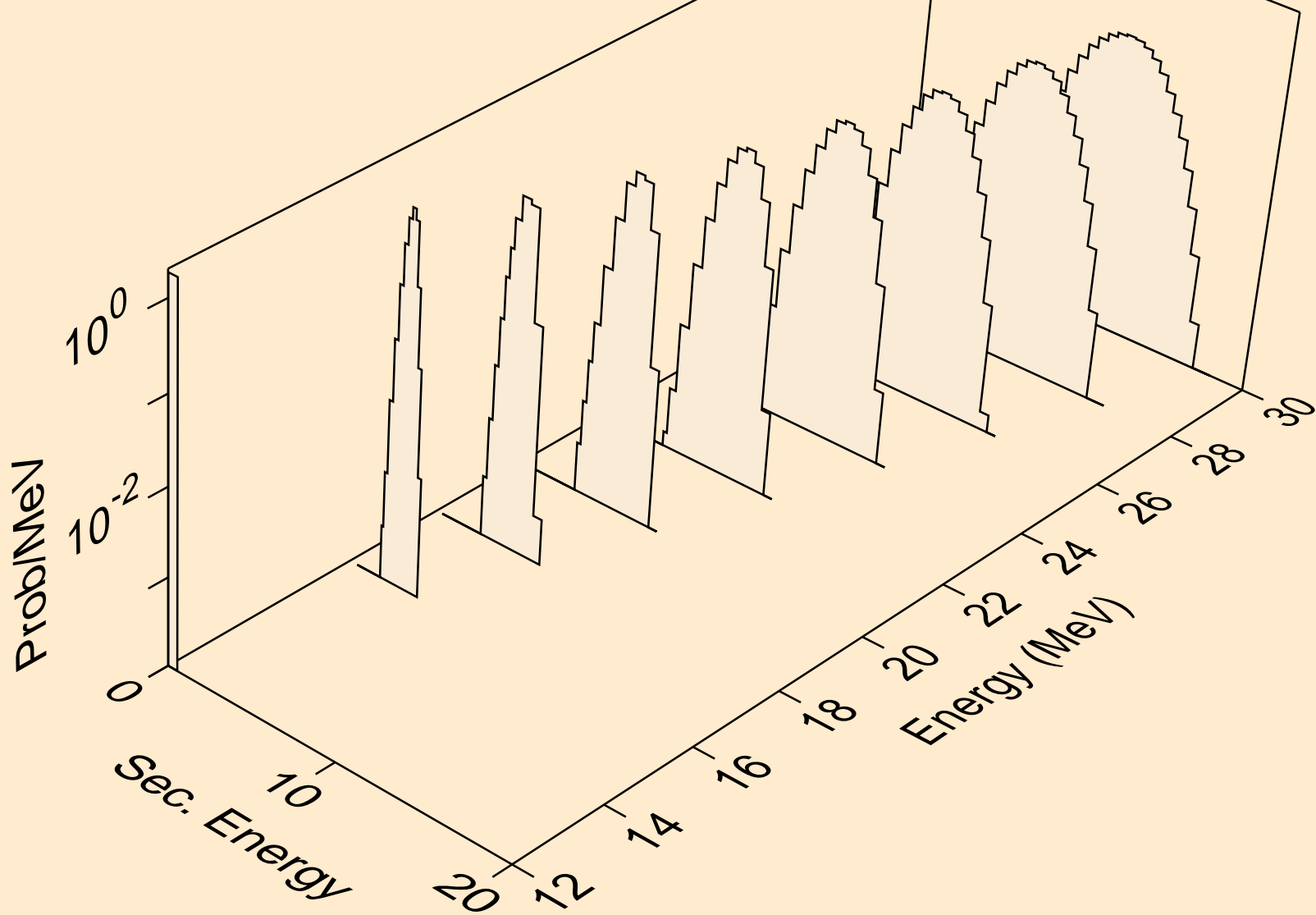
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)



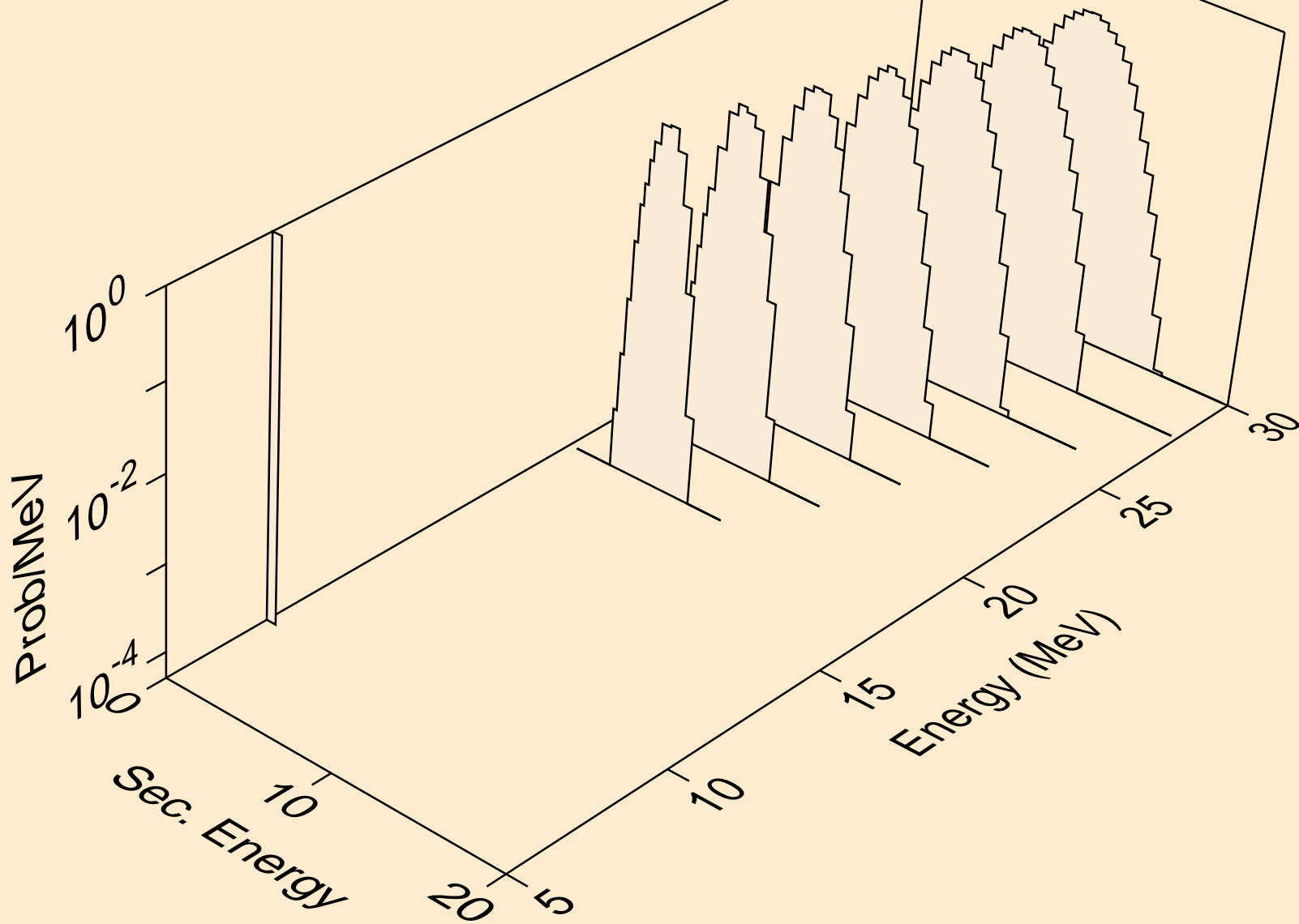
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p



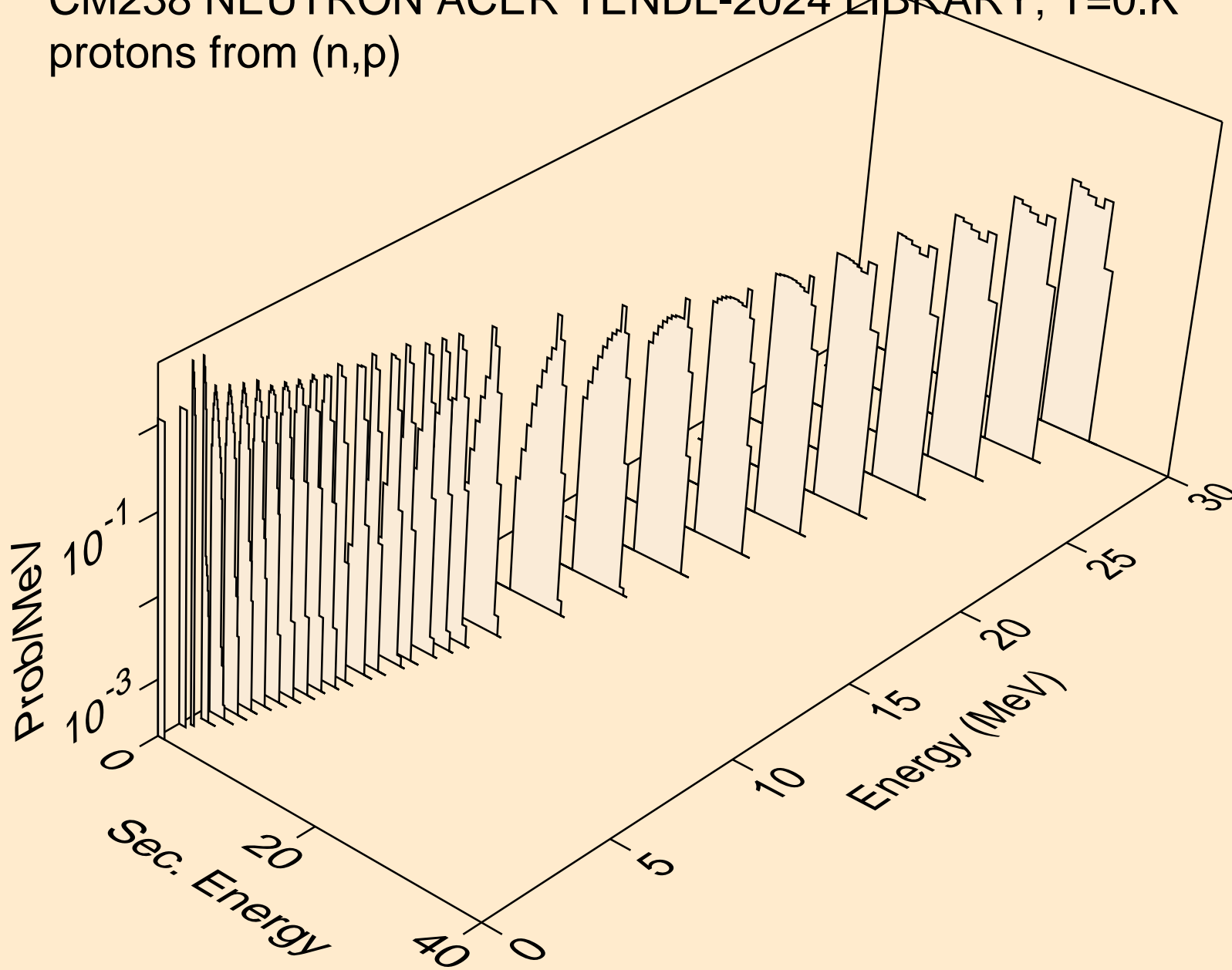
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protons from (n,2np)



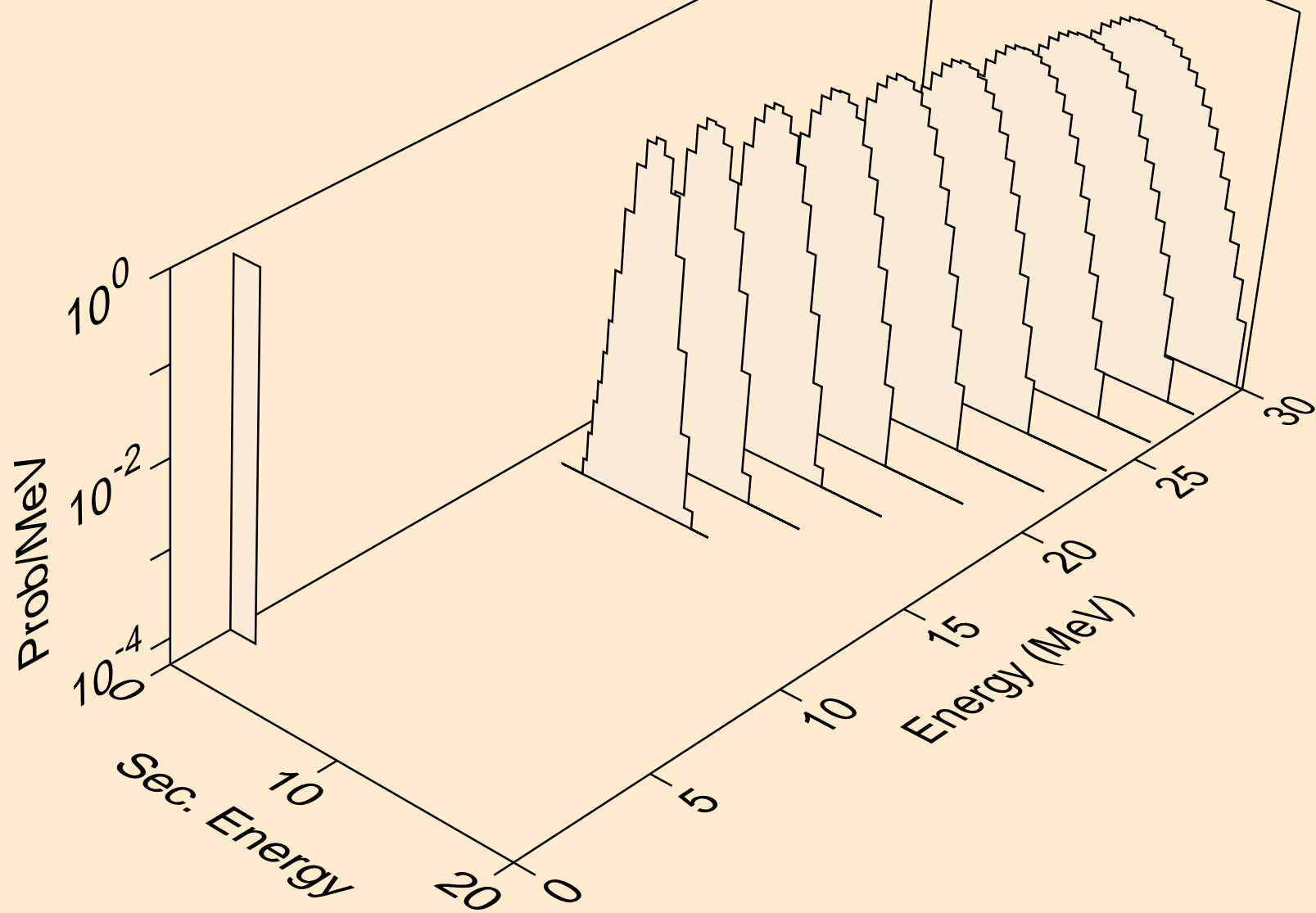
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protons from (n,n2p)



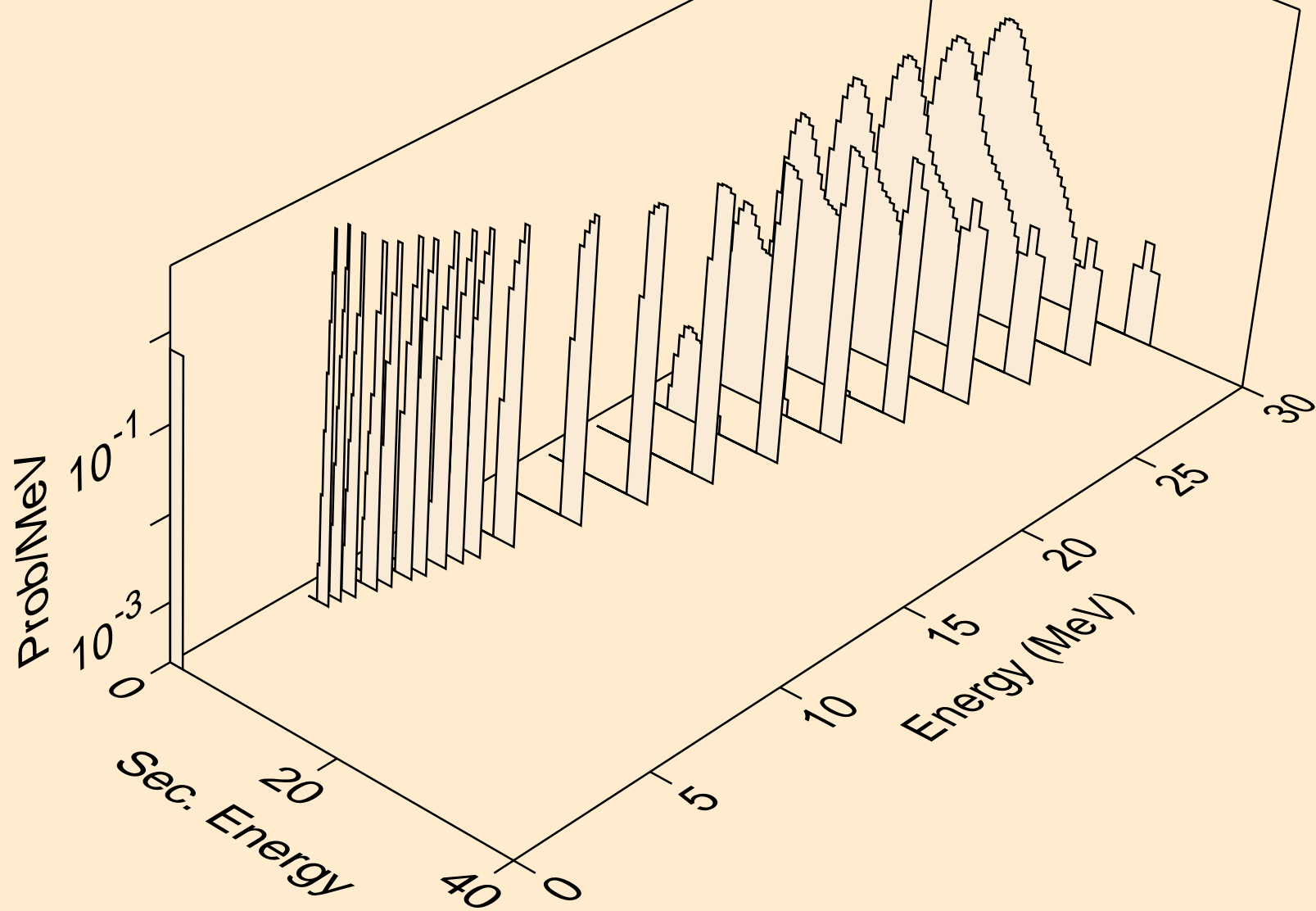
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protons from (n,p)



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)

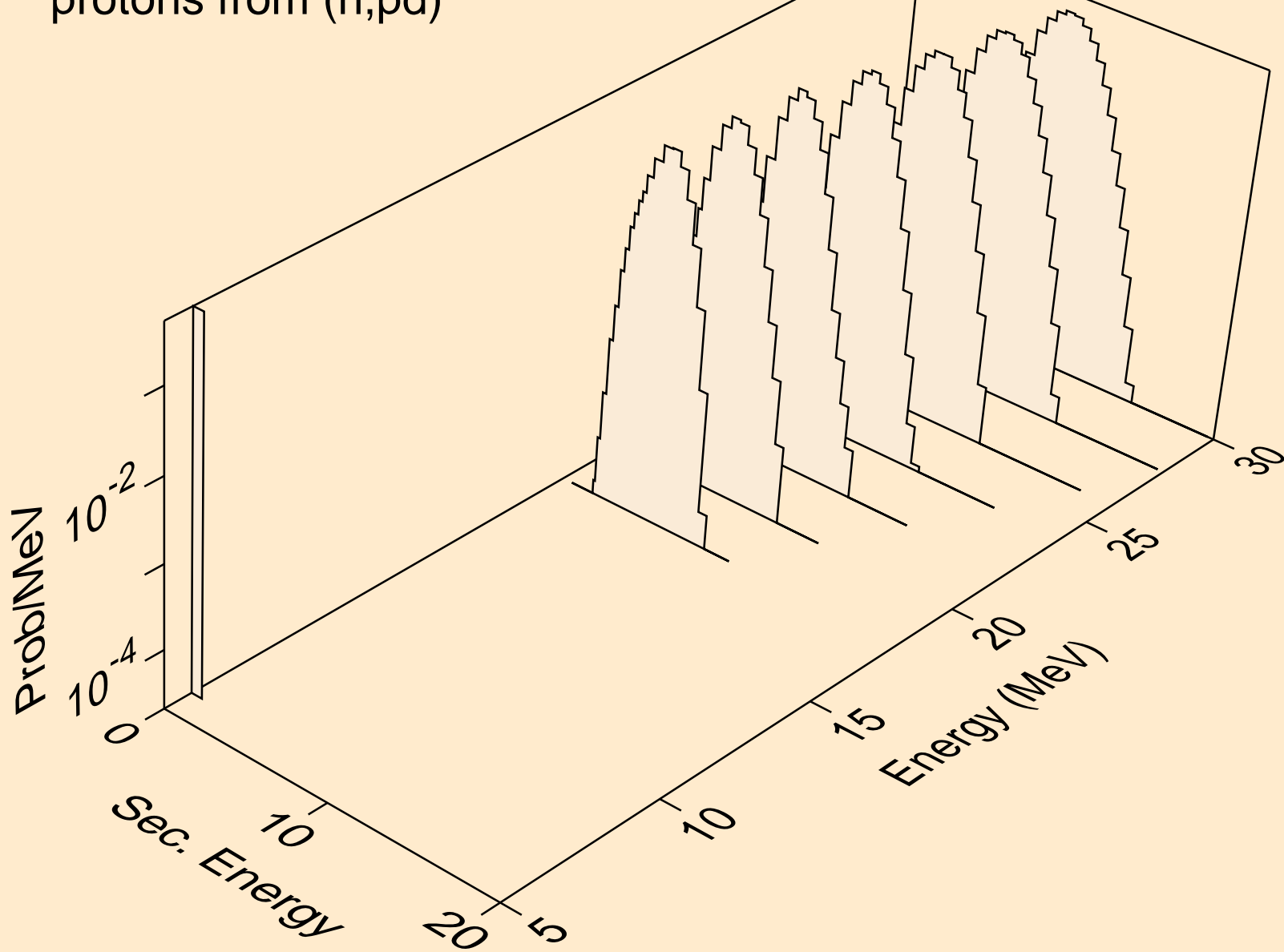


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protons from (n,p)

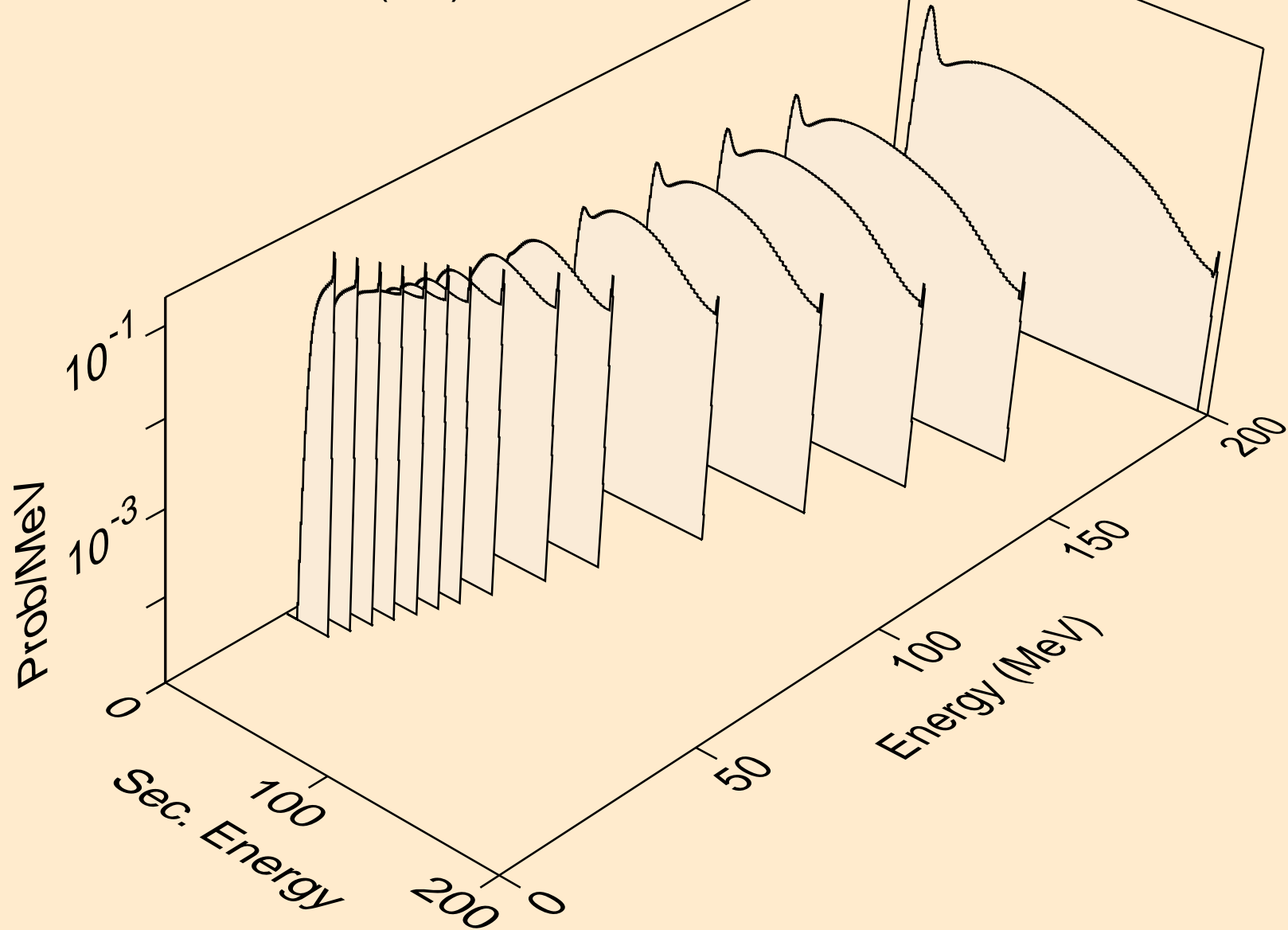




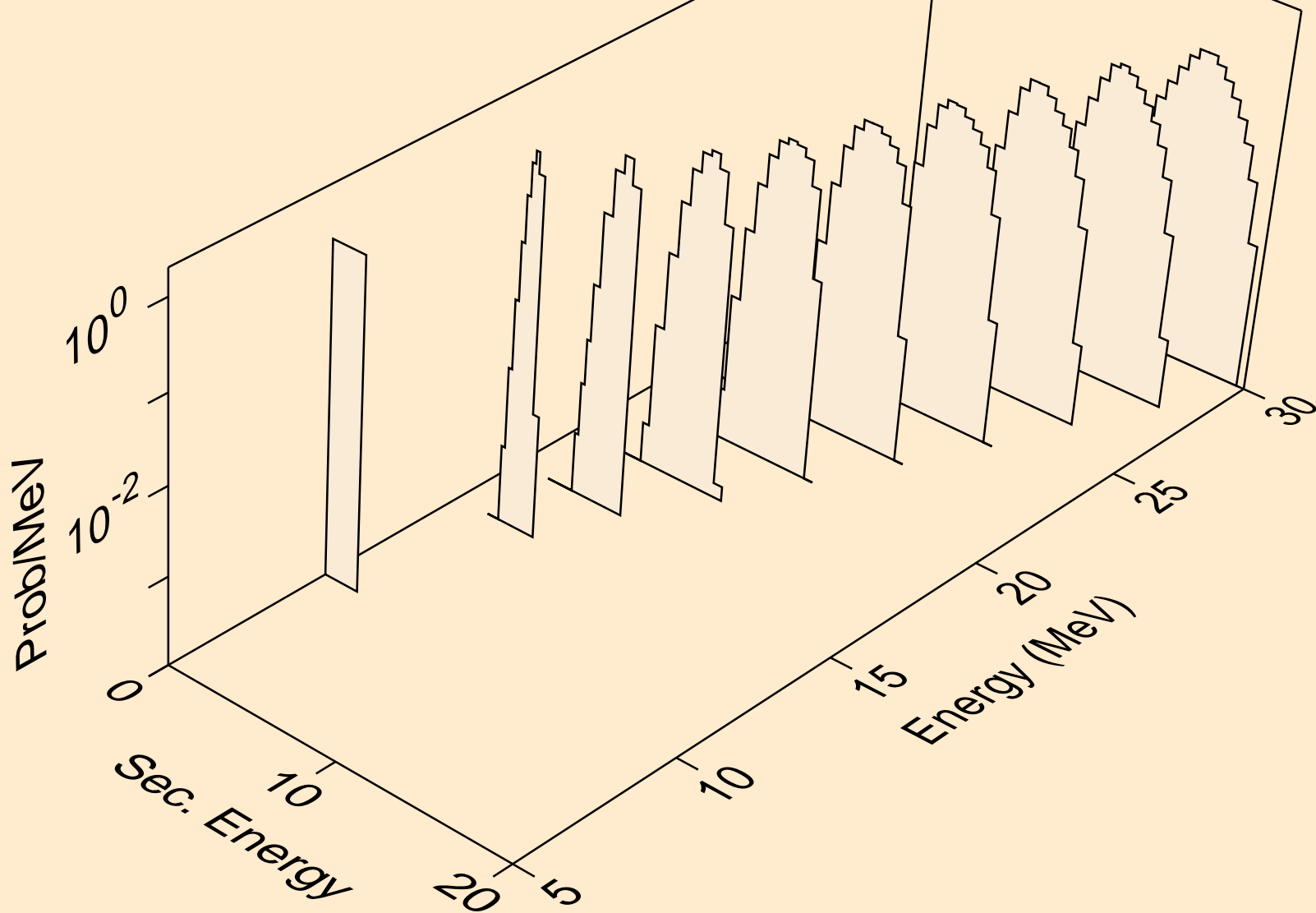
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)



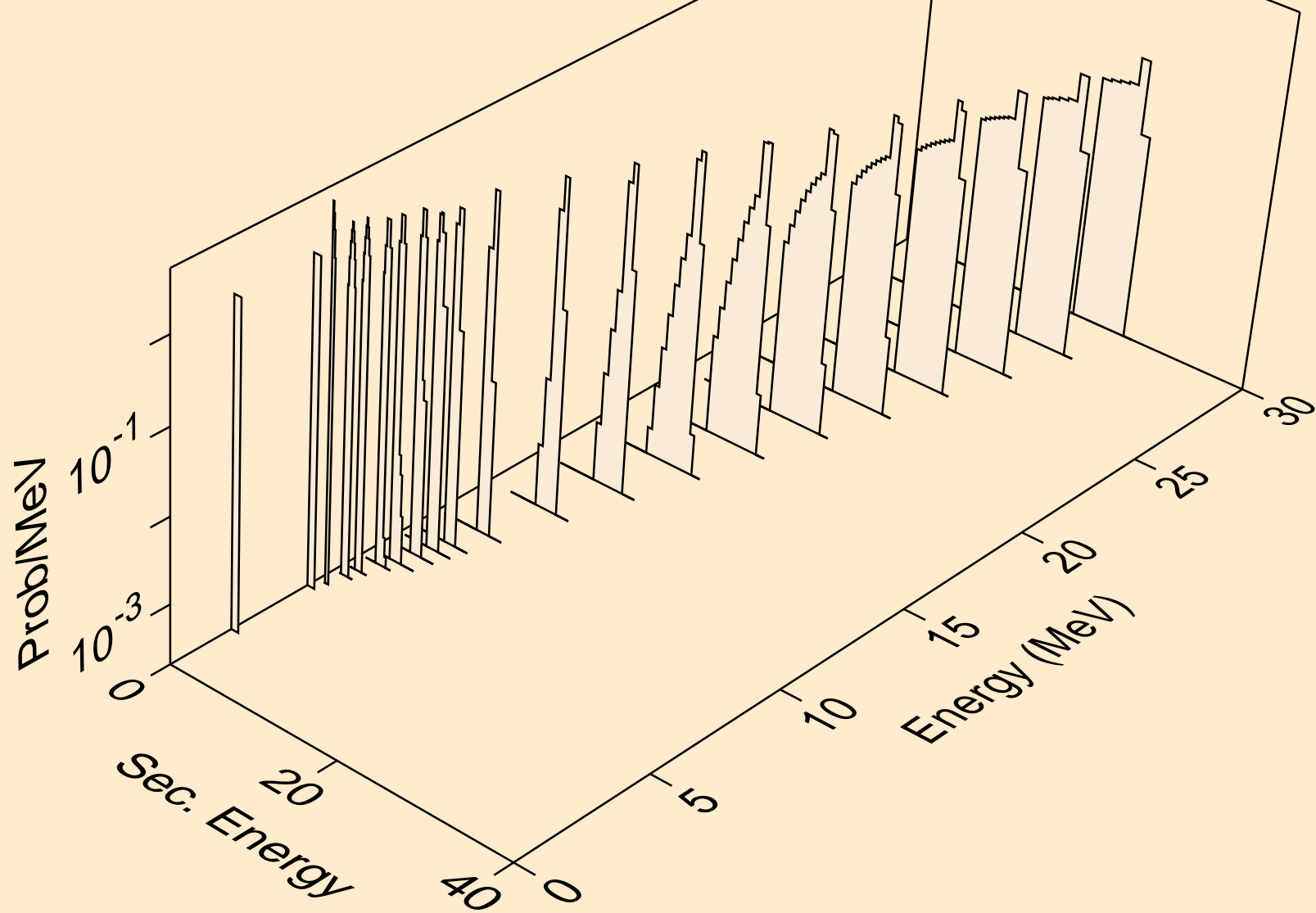
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



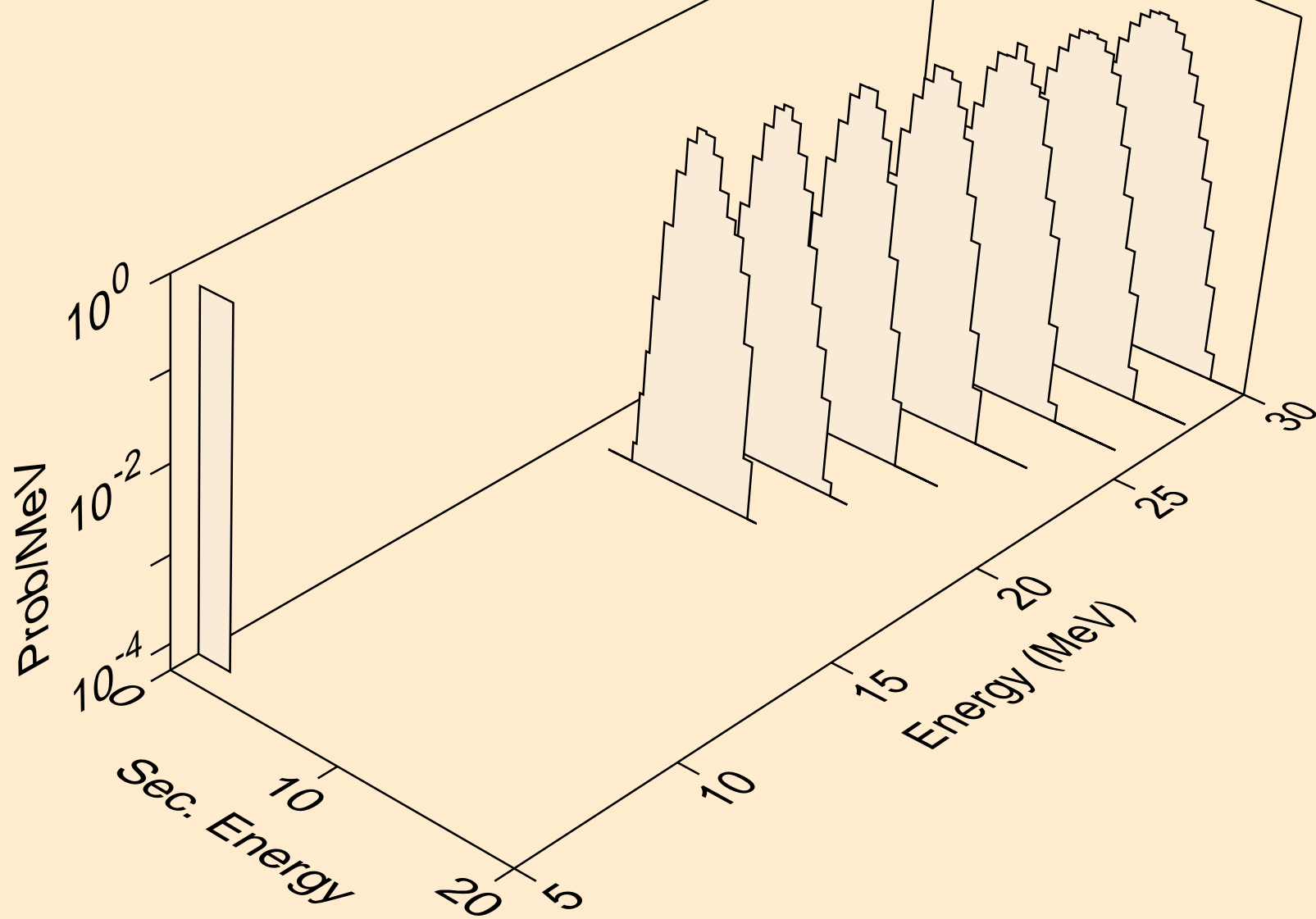
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



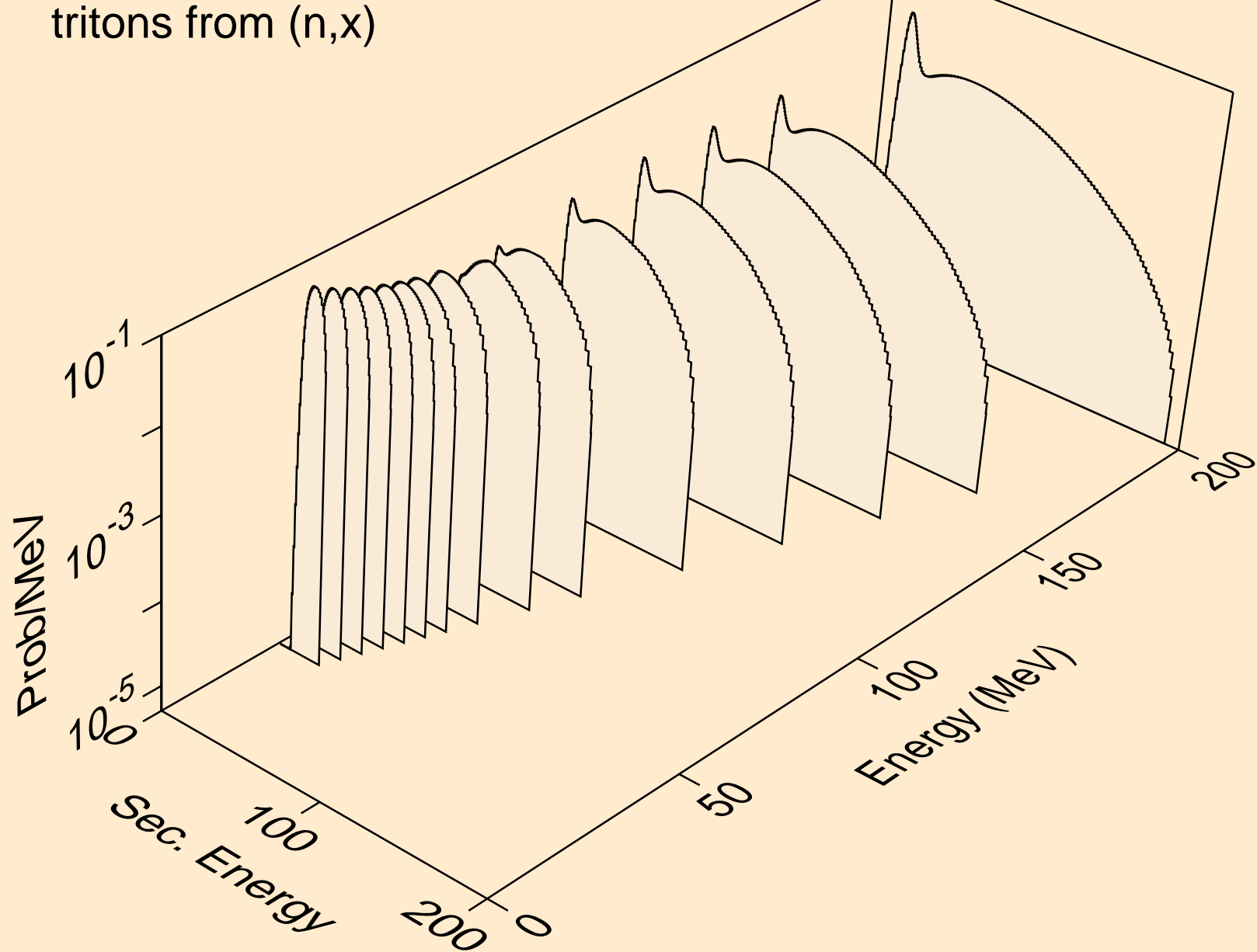
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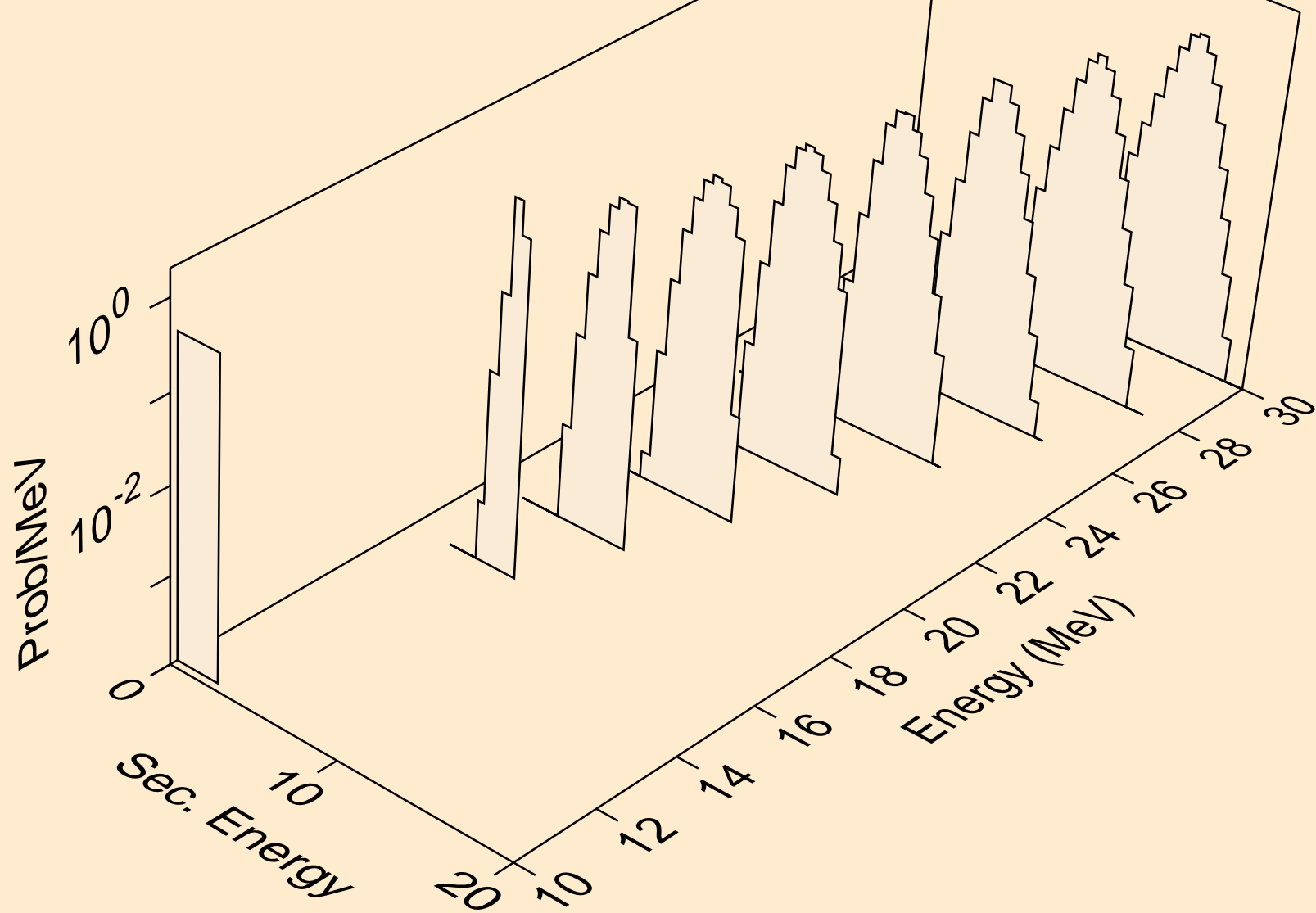
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deuterons from (n,pd)



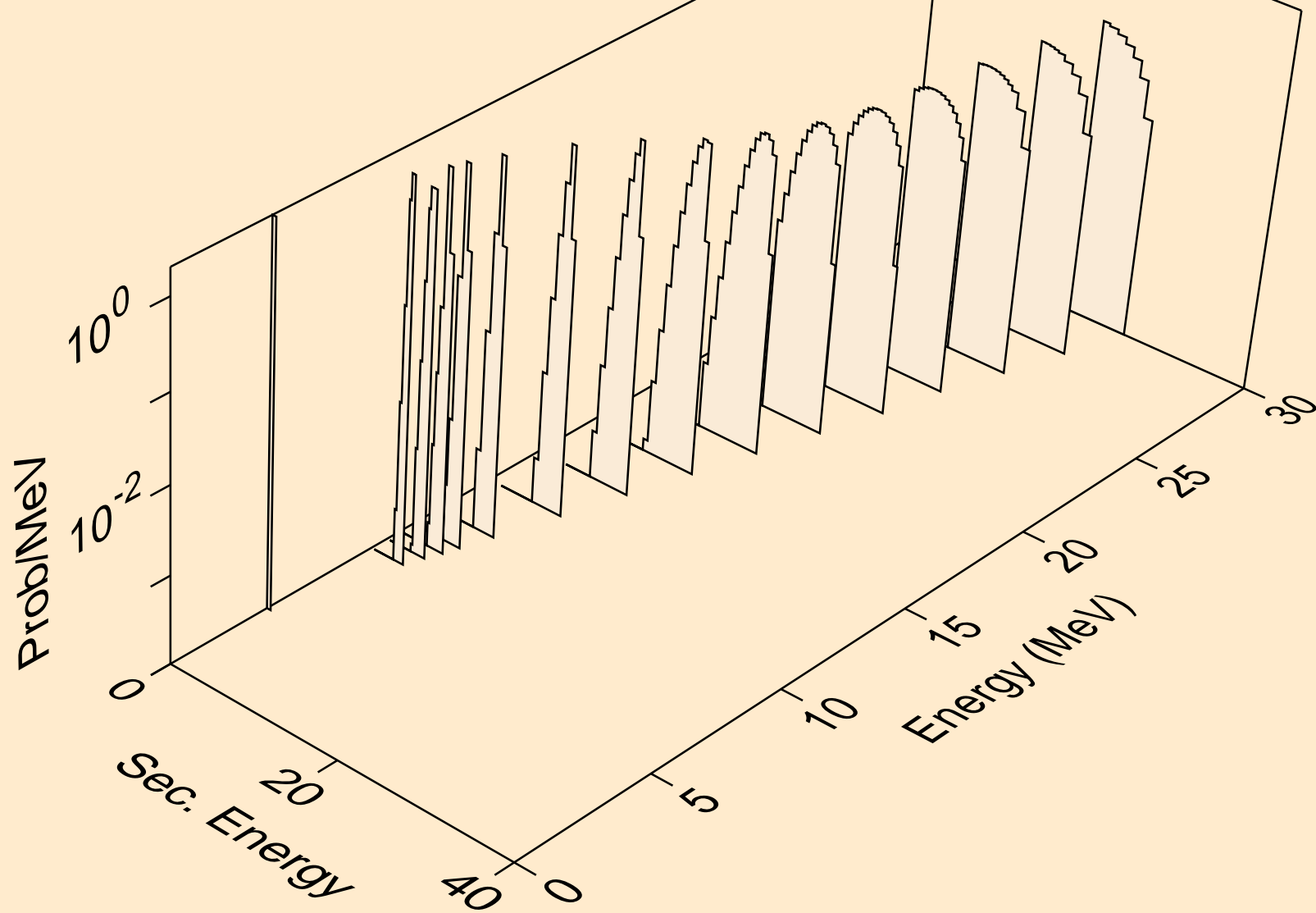
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t

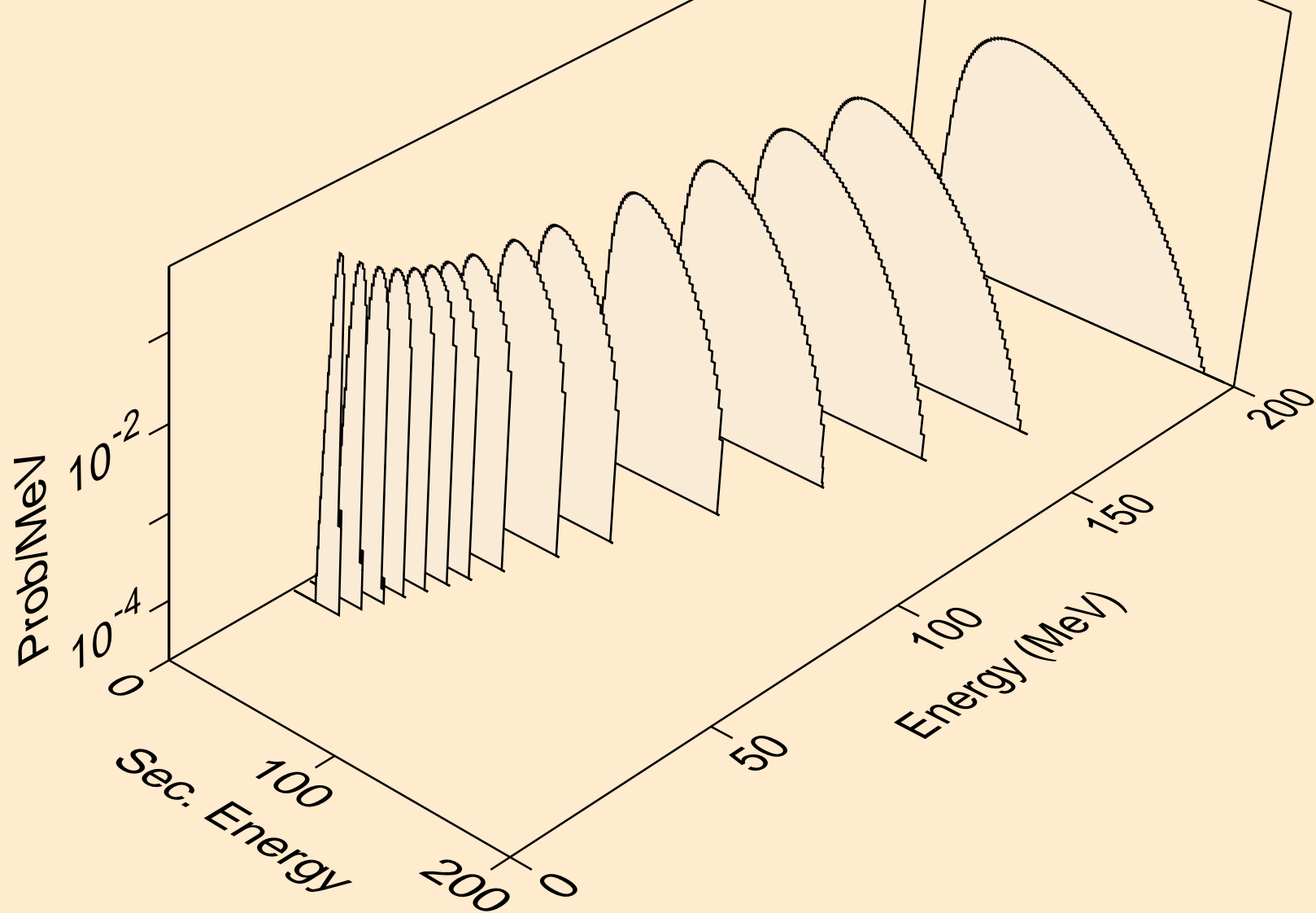


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,t)

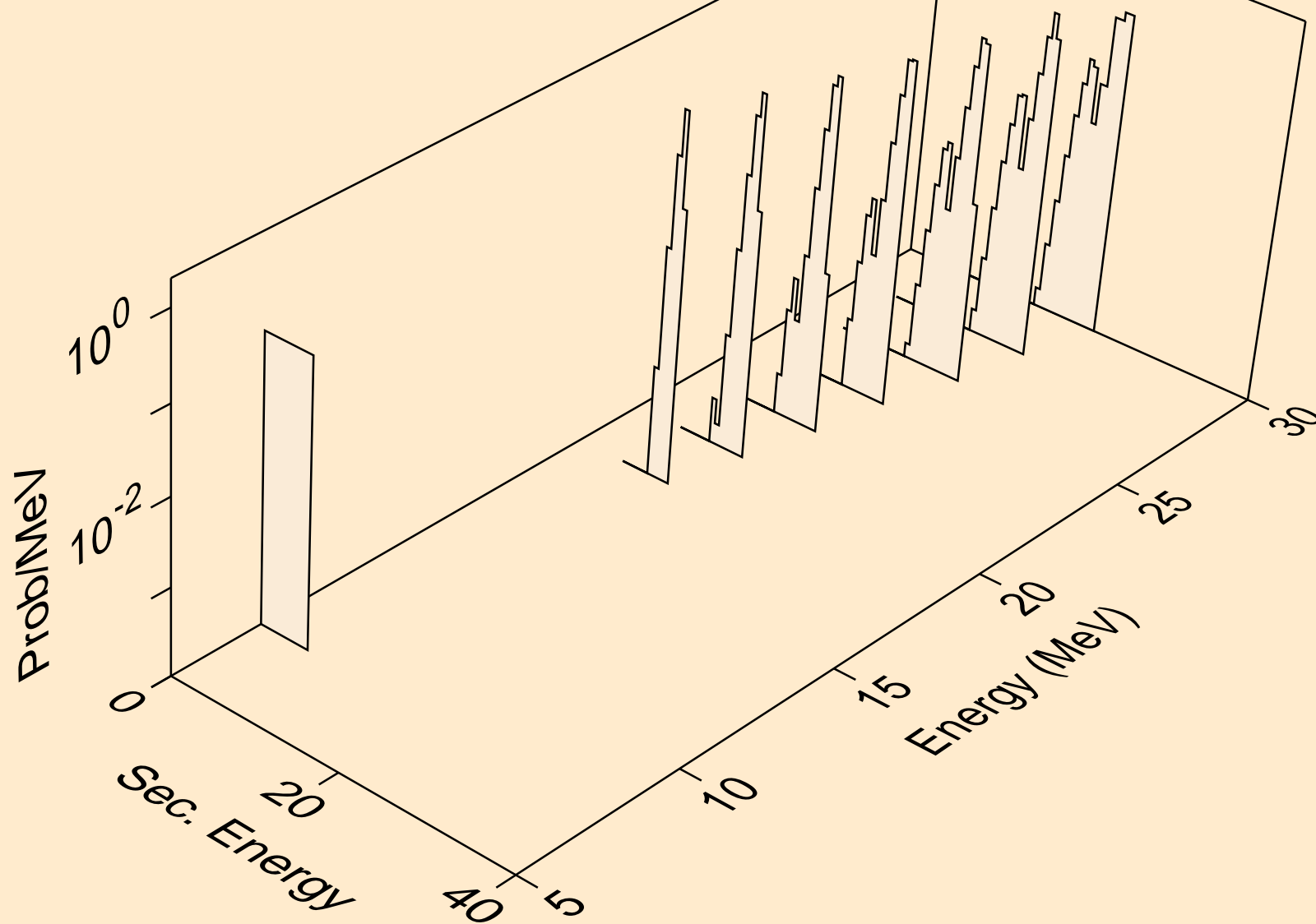




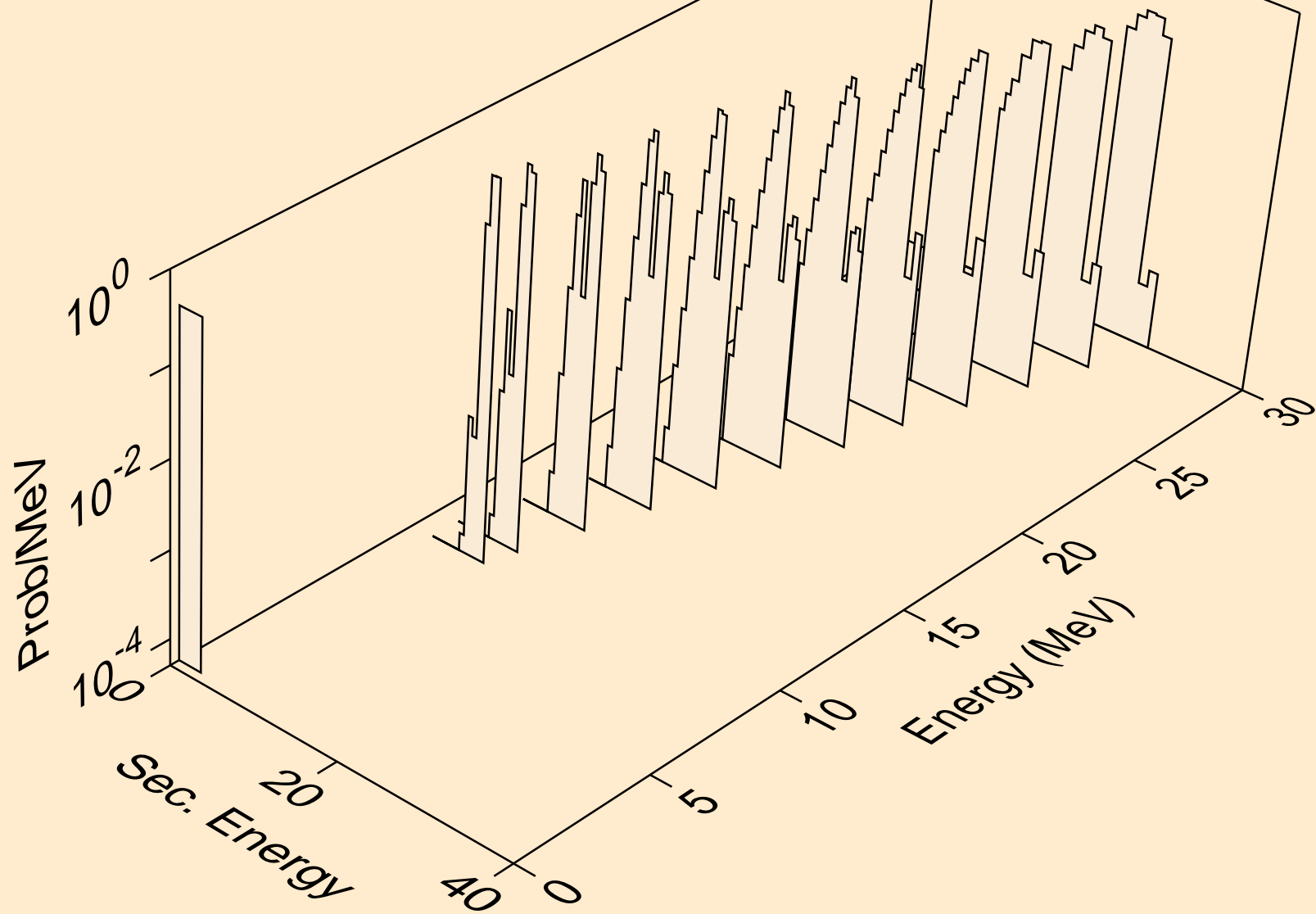
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,x)



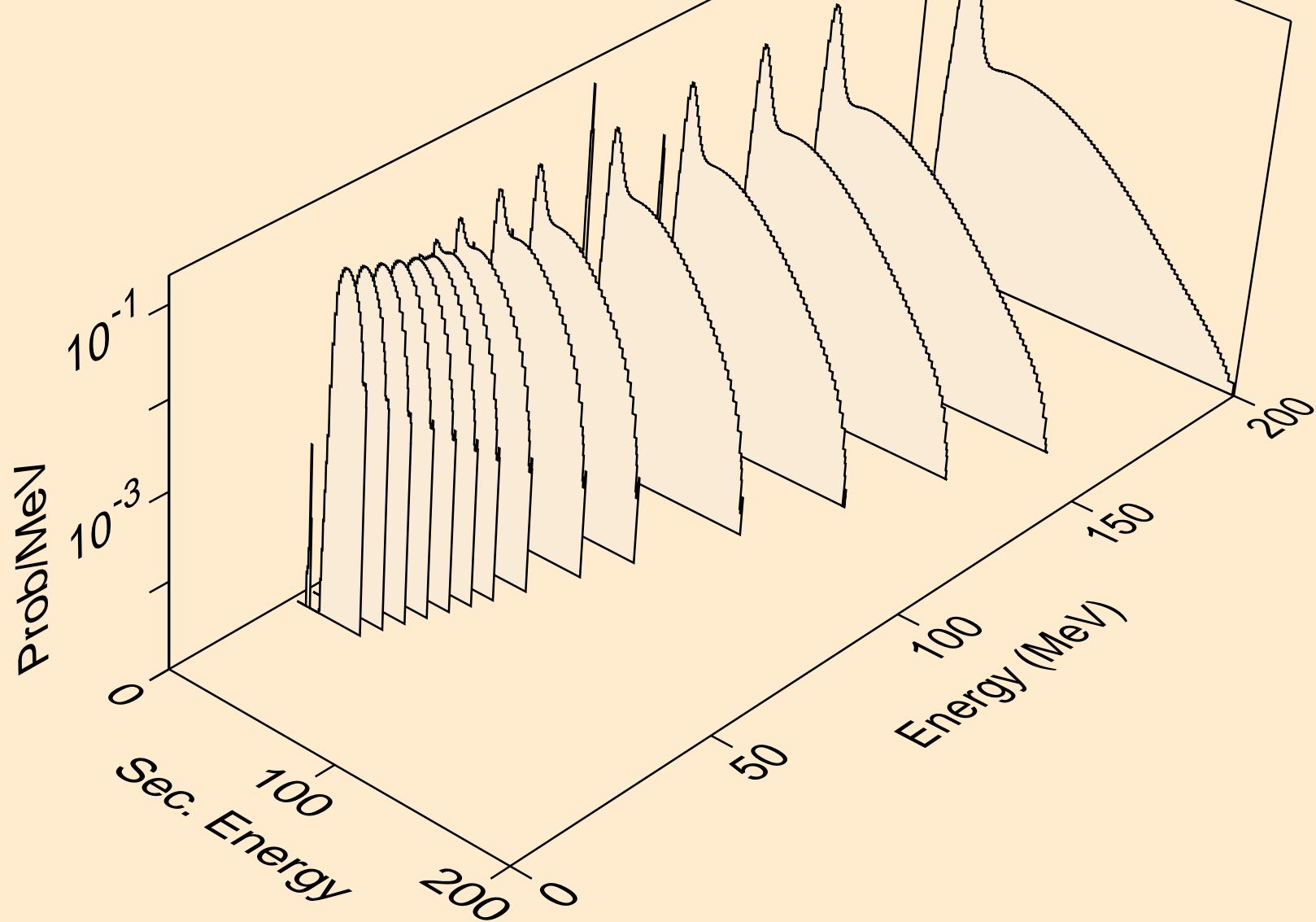
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,n\*)he3



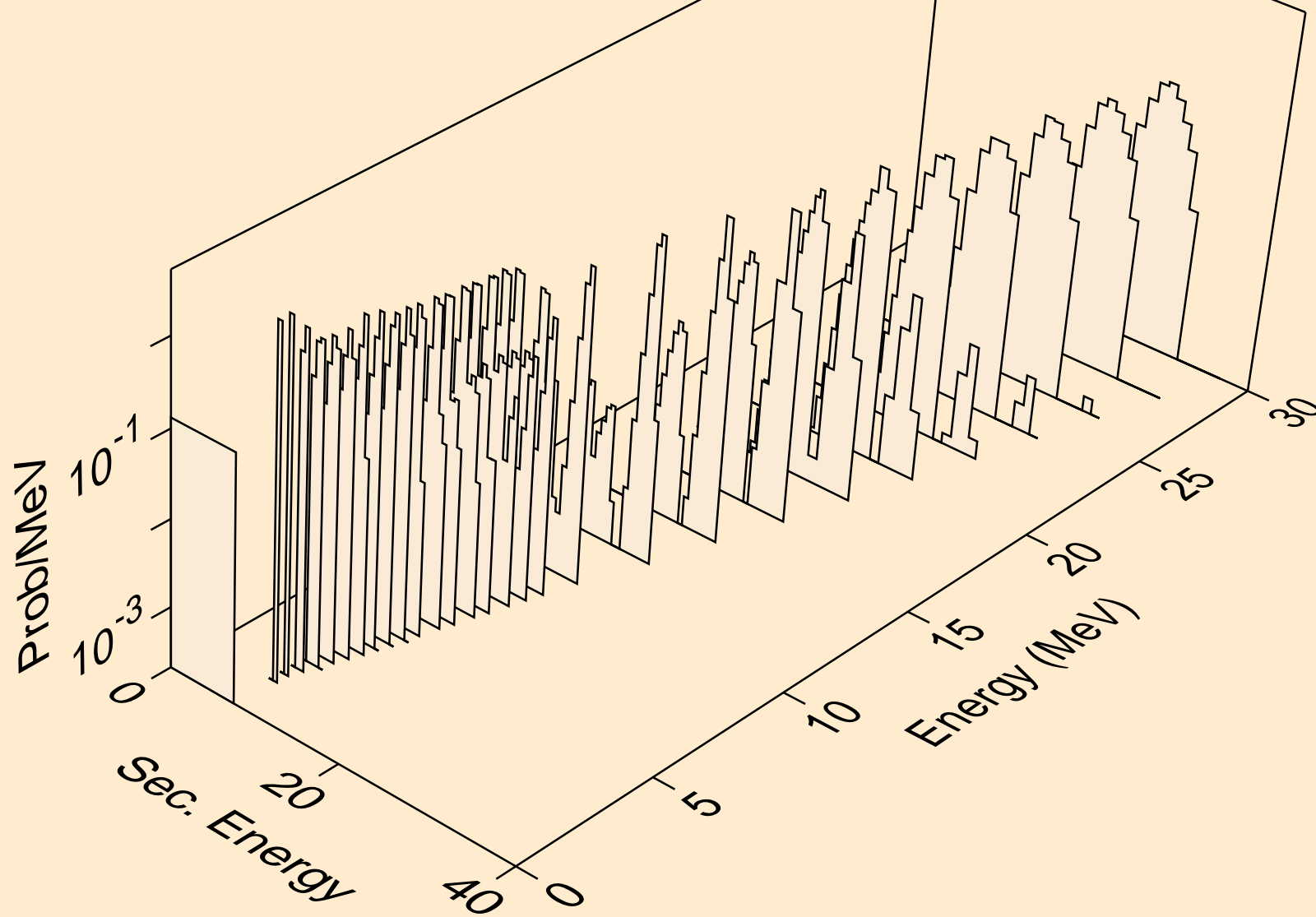
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he3s from (n,he3)



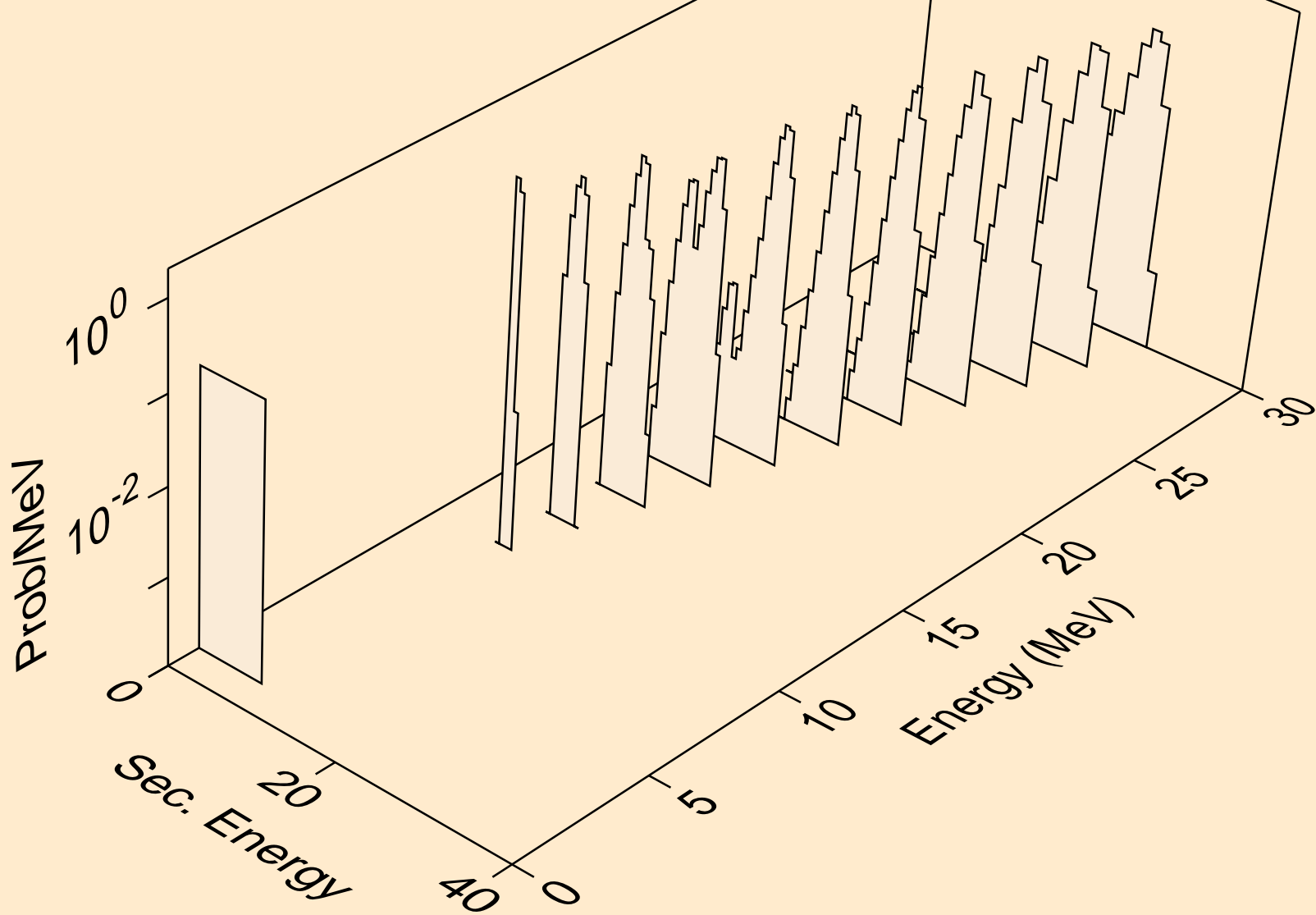
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)



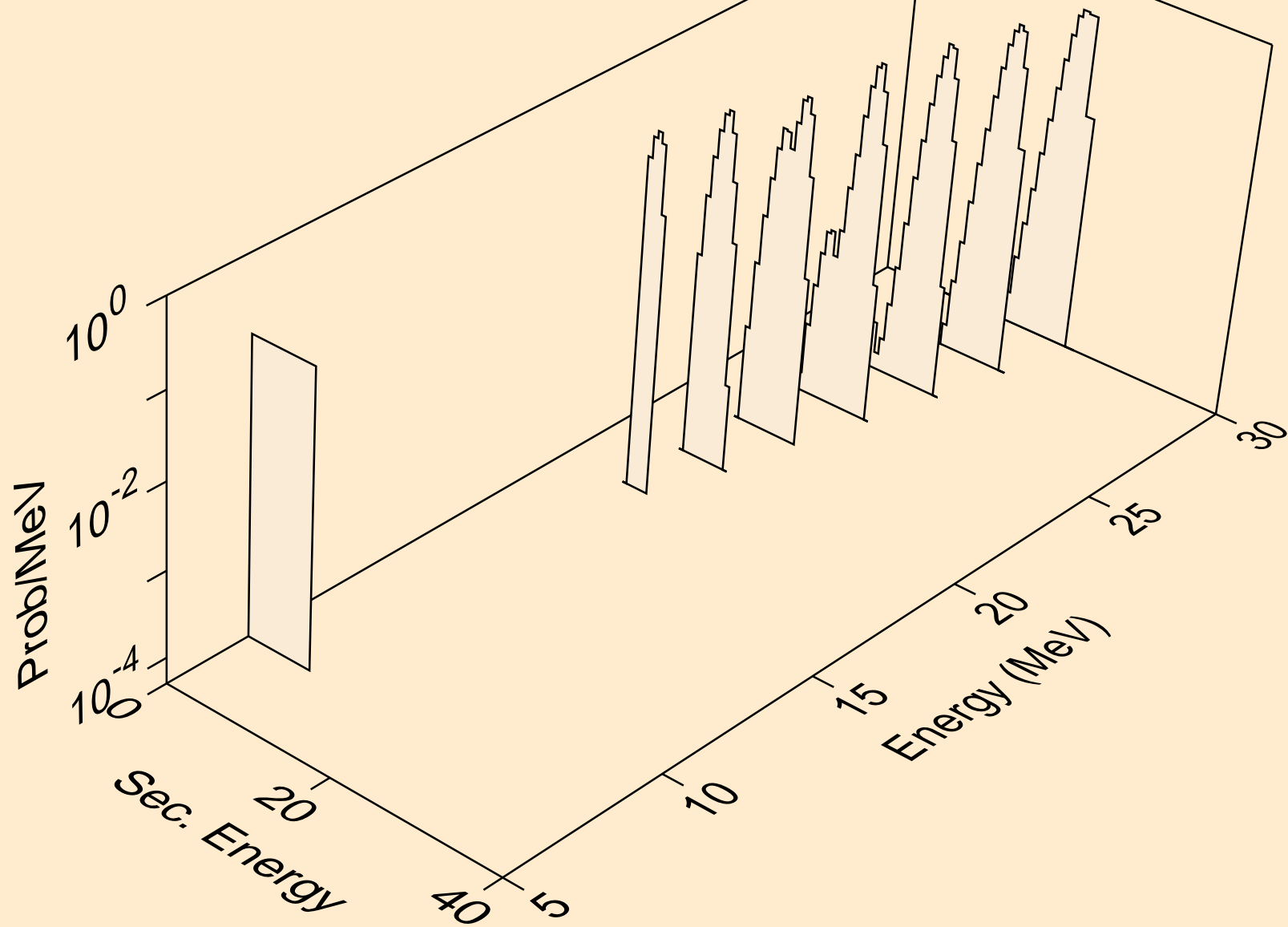
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a



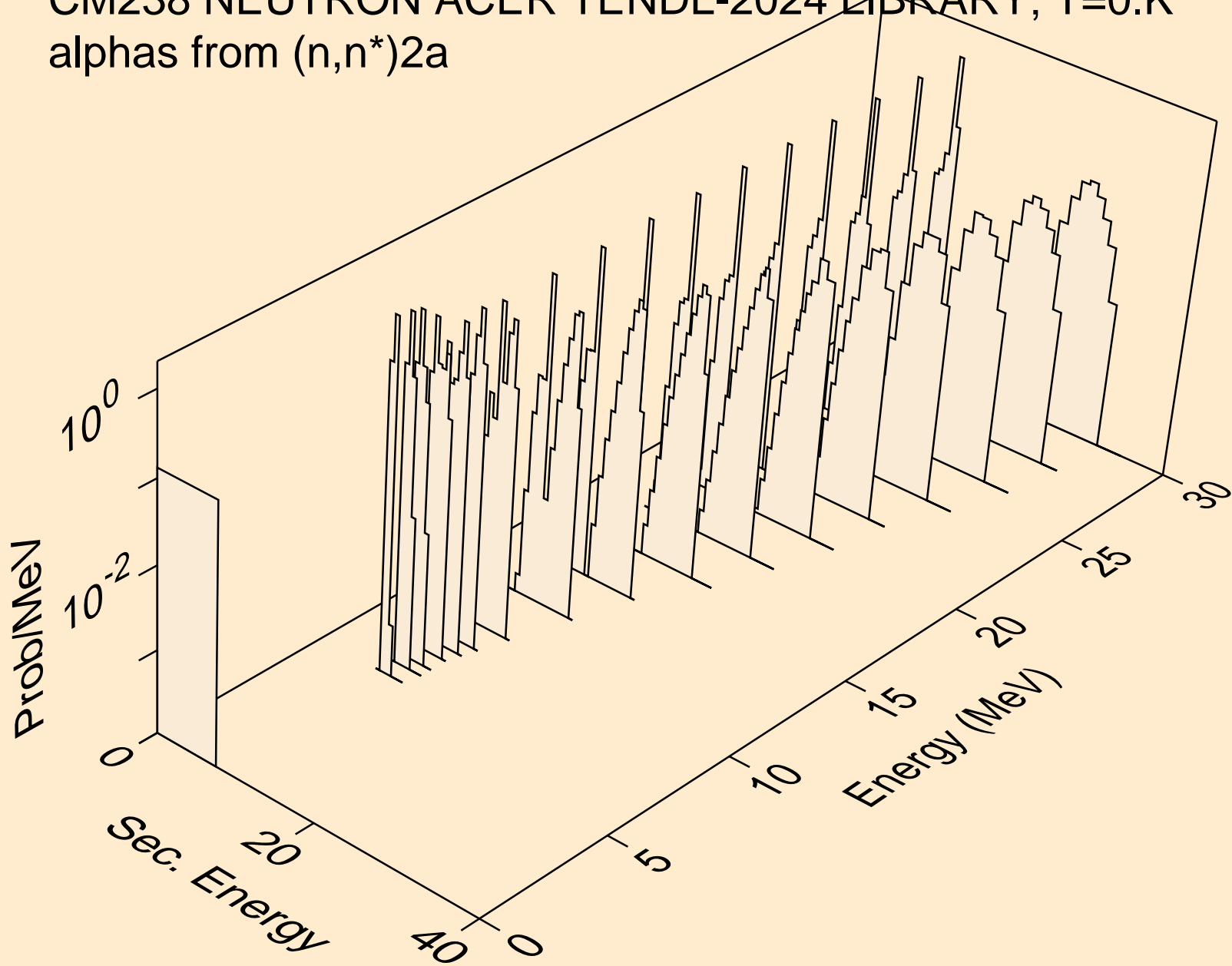
CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a

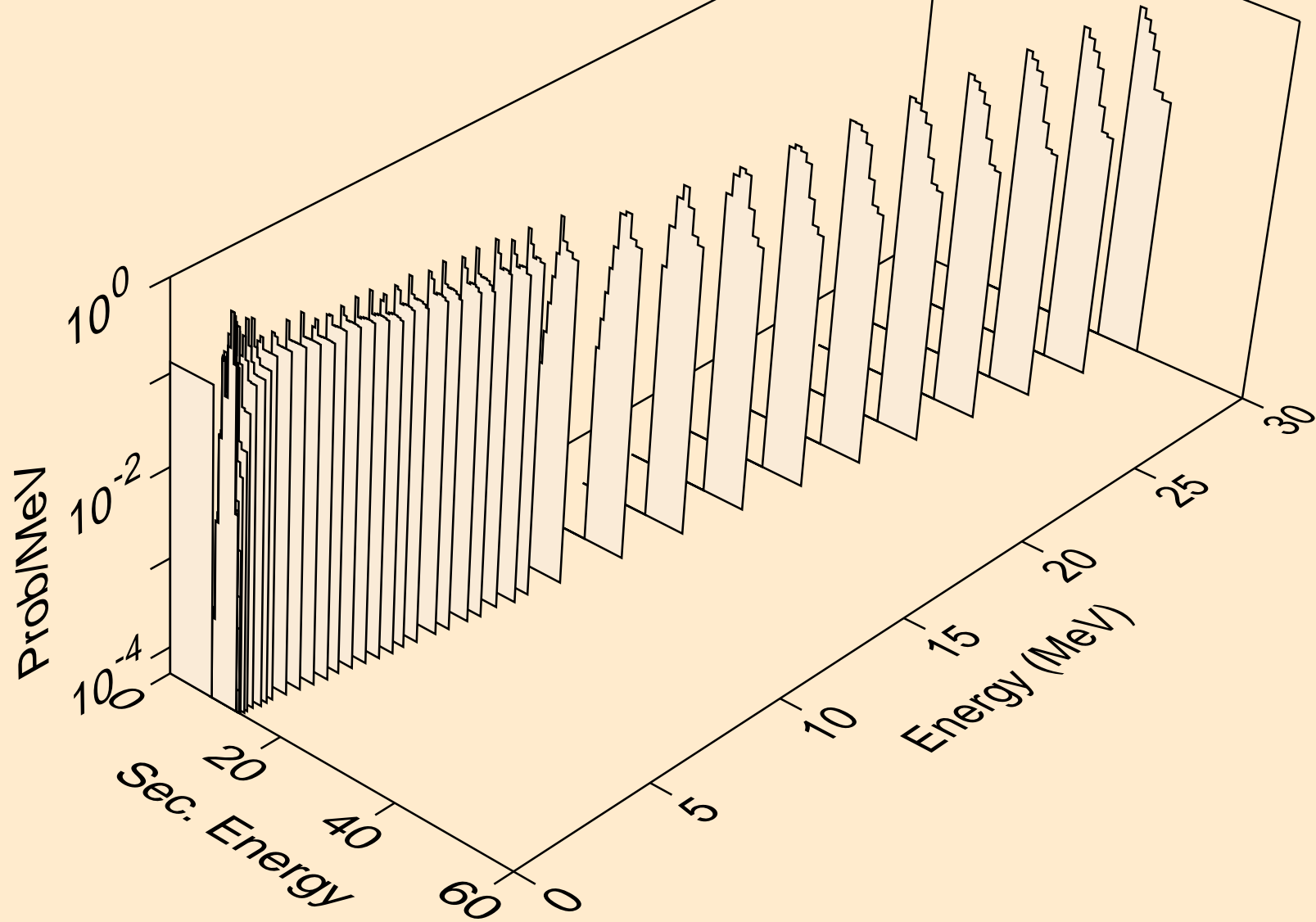


CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a

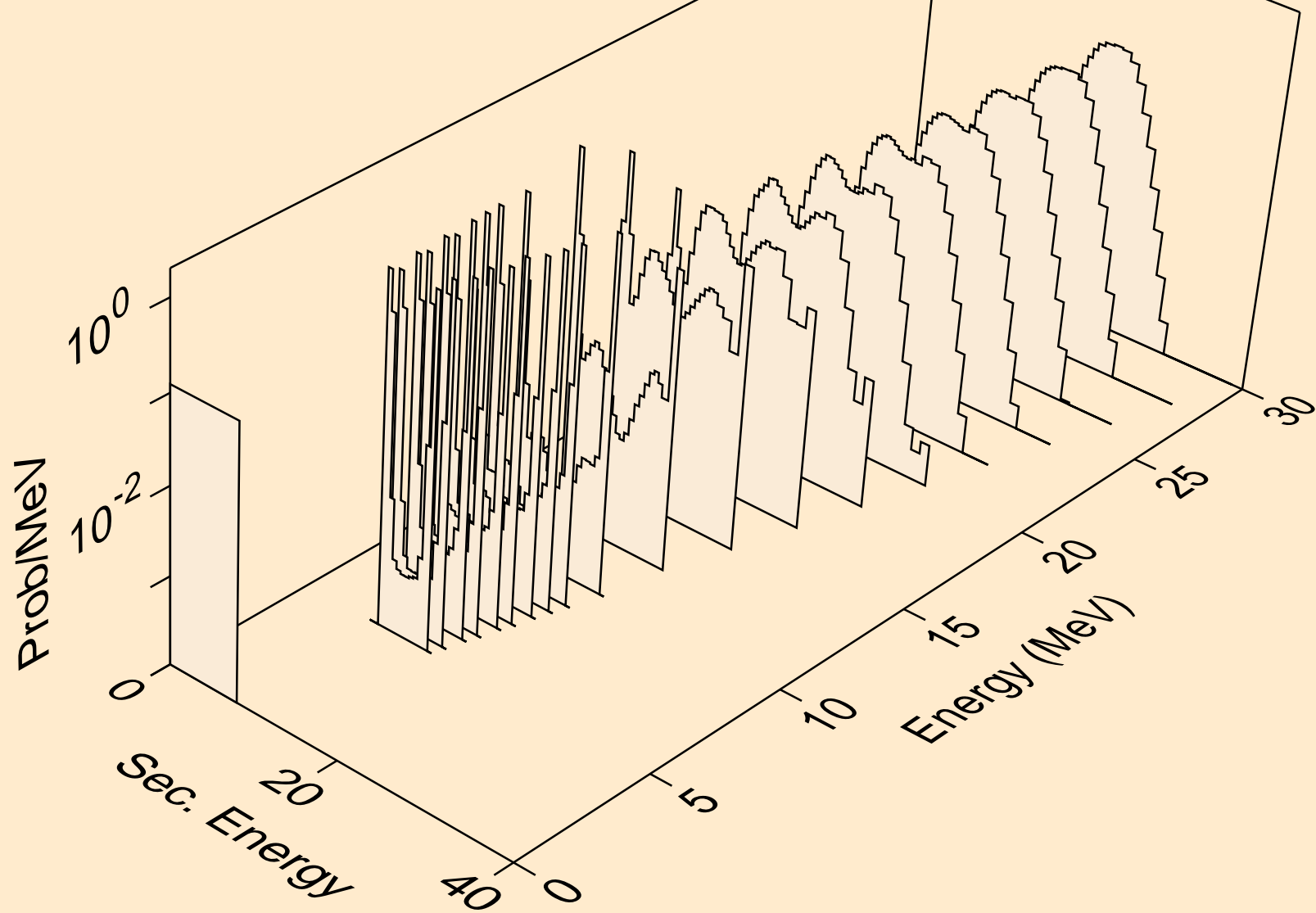




CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



CM238 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)

