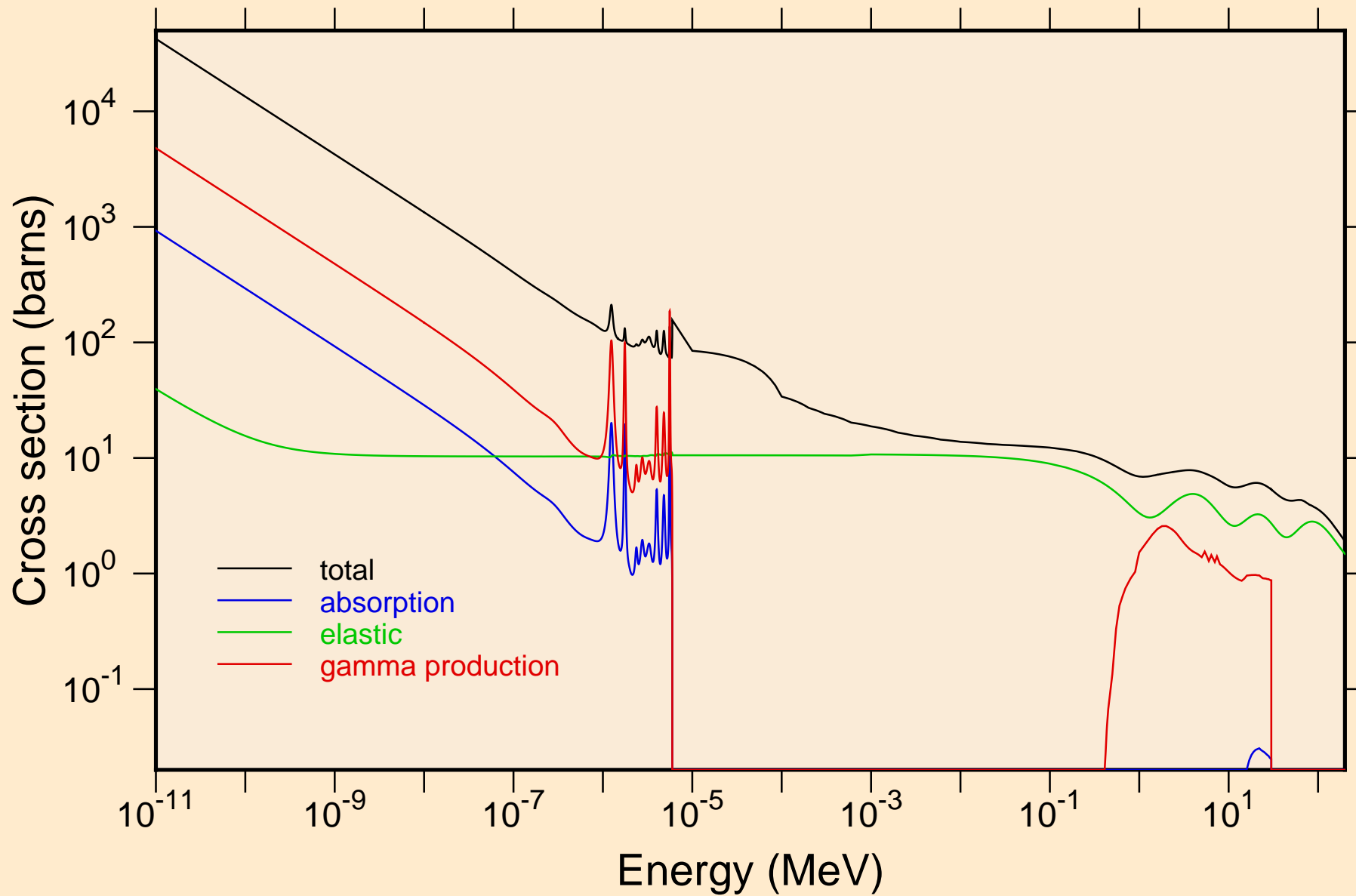
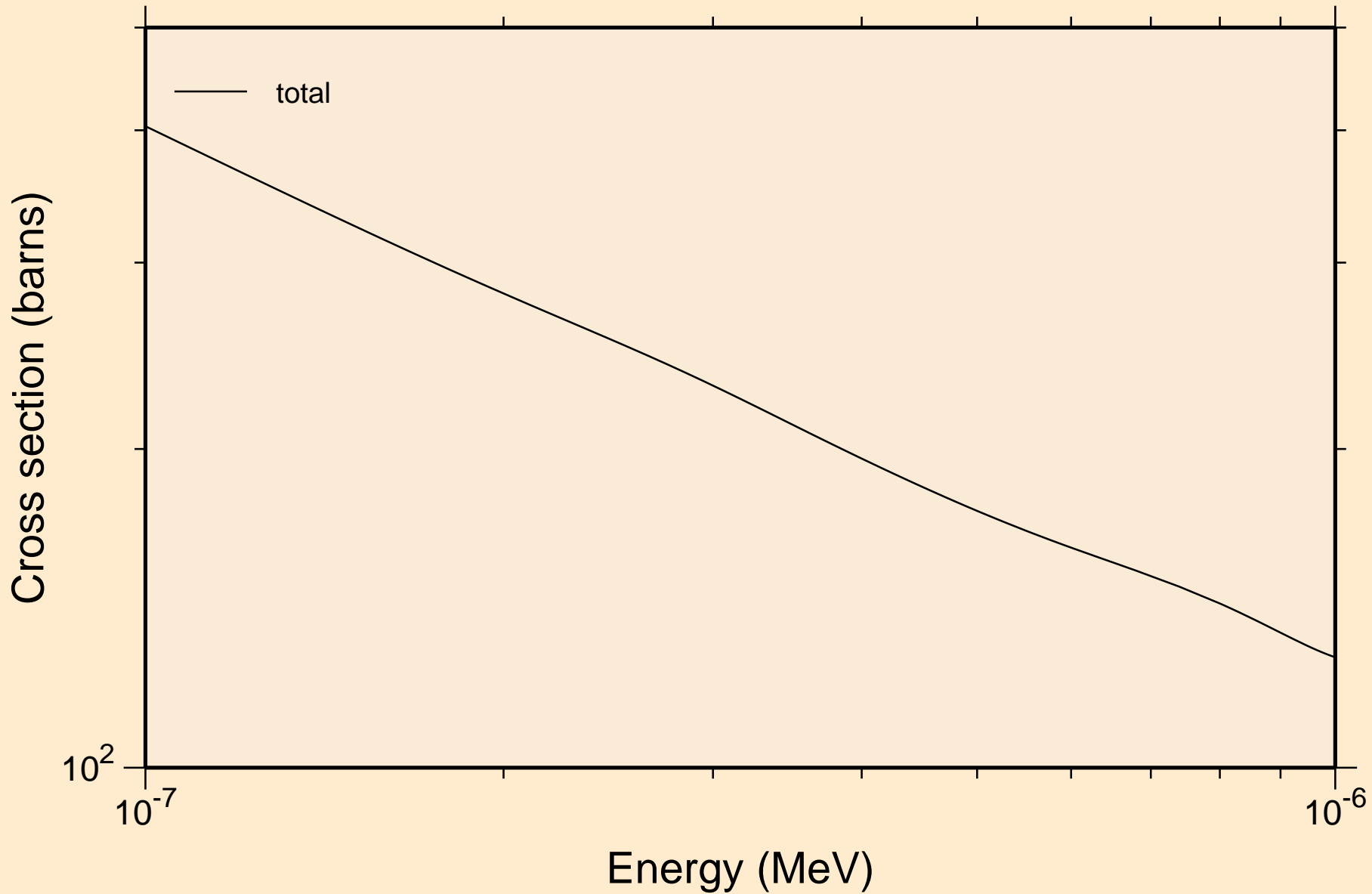


# CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

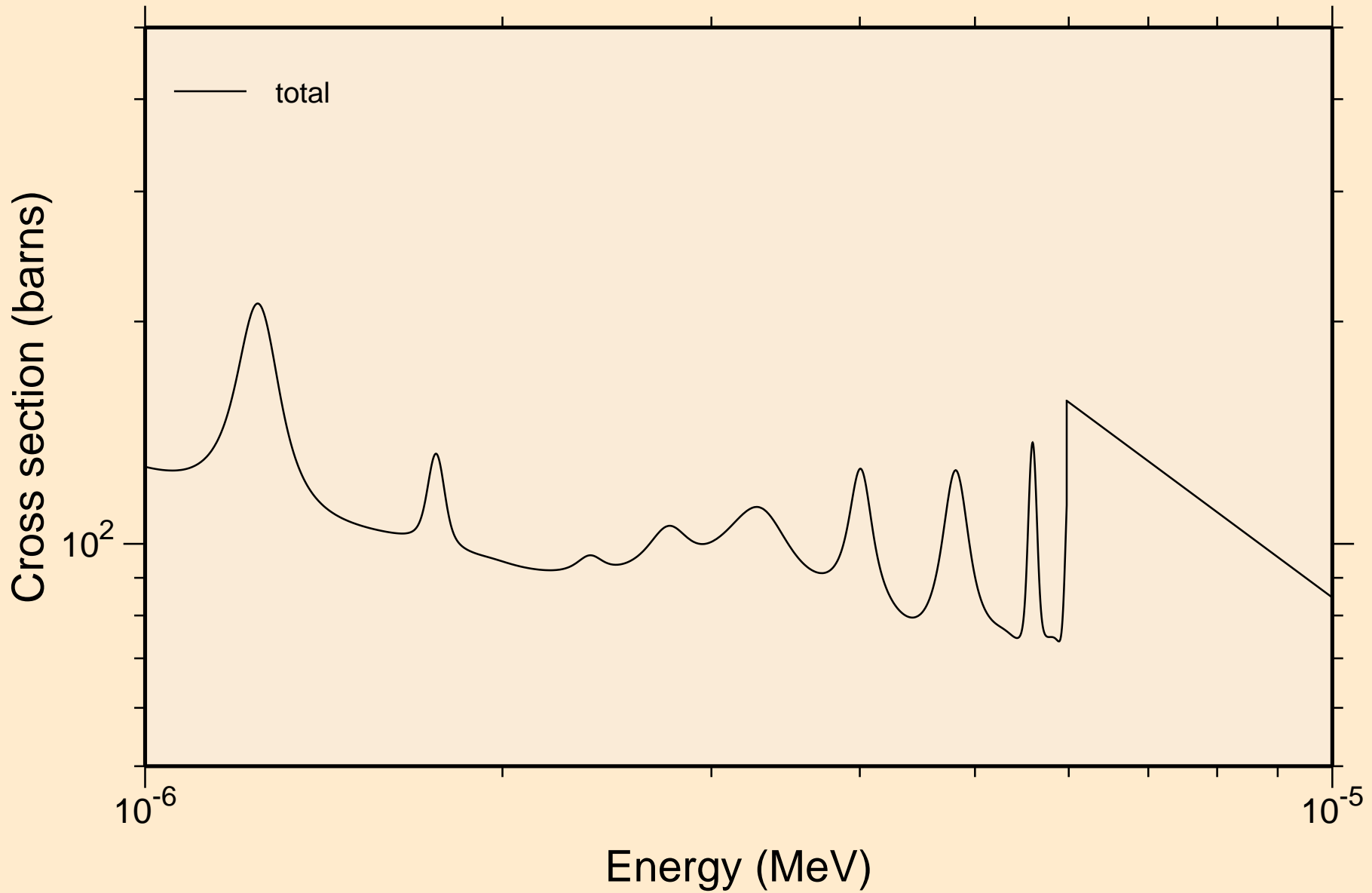
## Principal cross sections



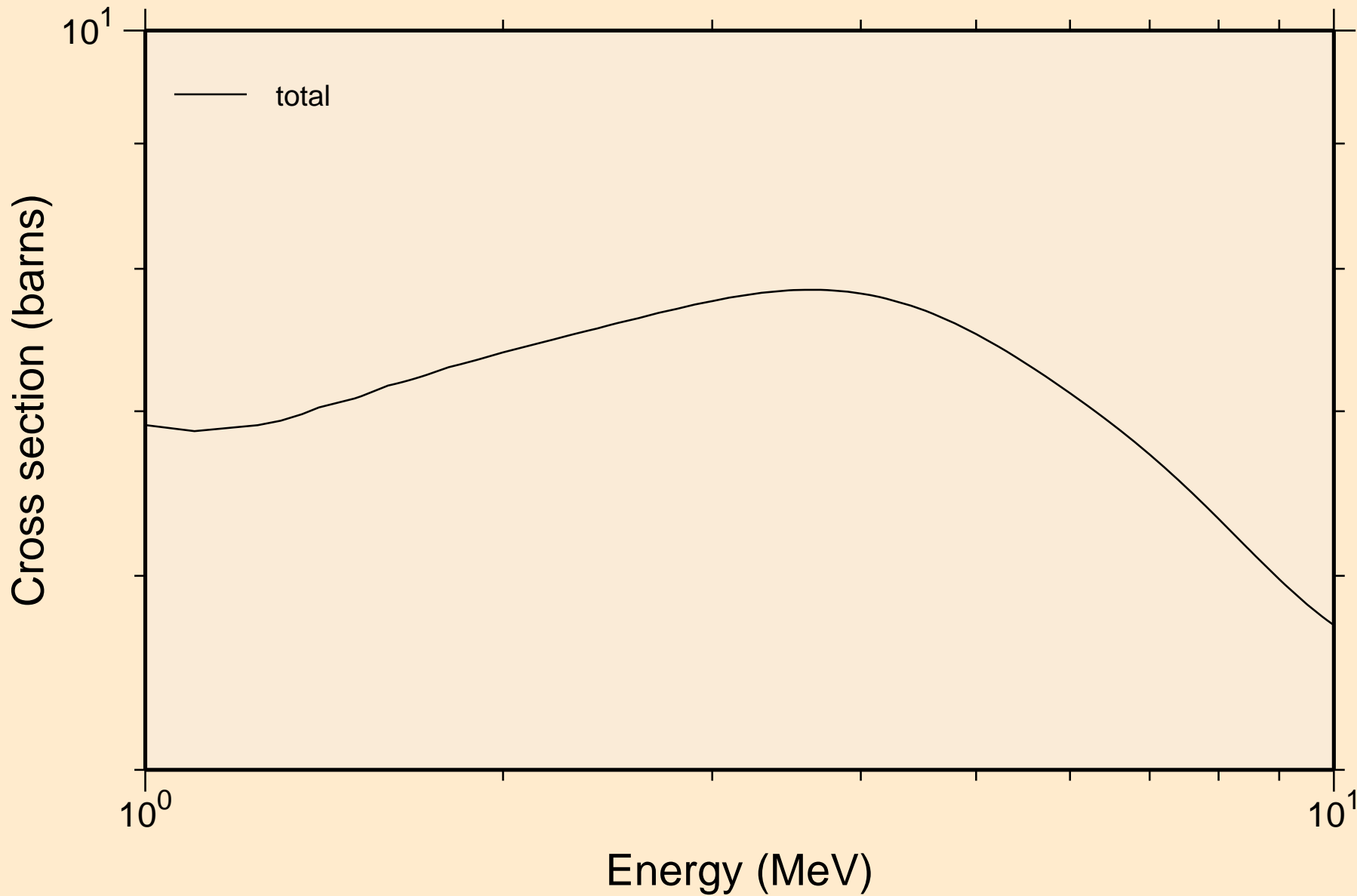
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



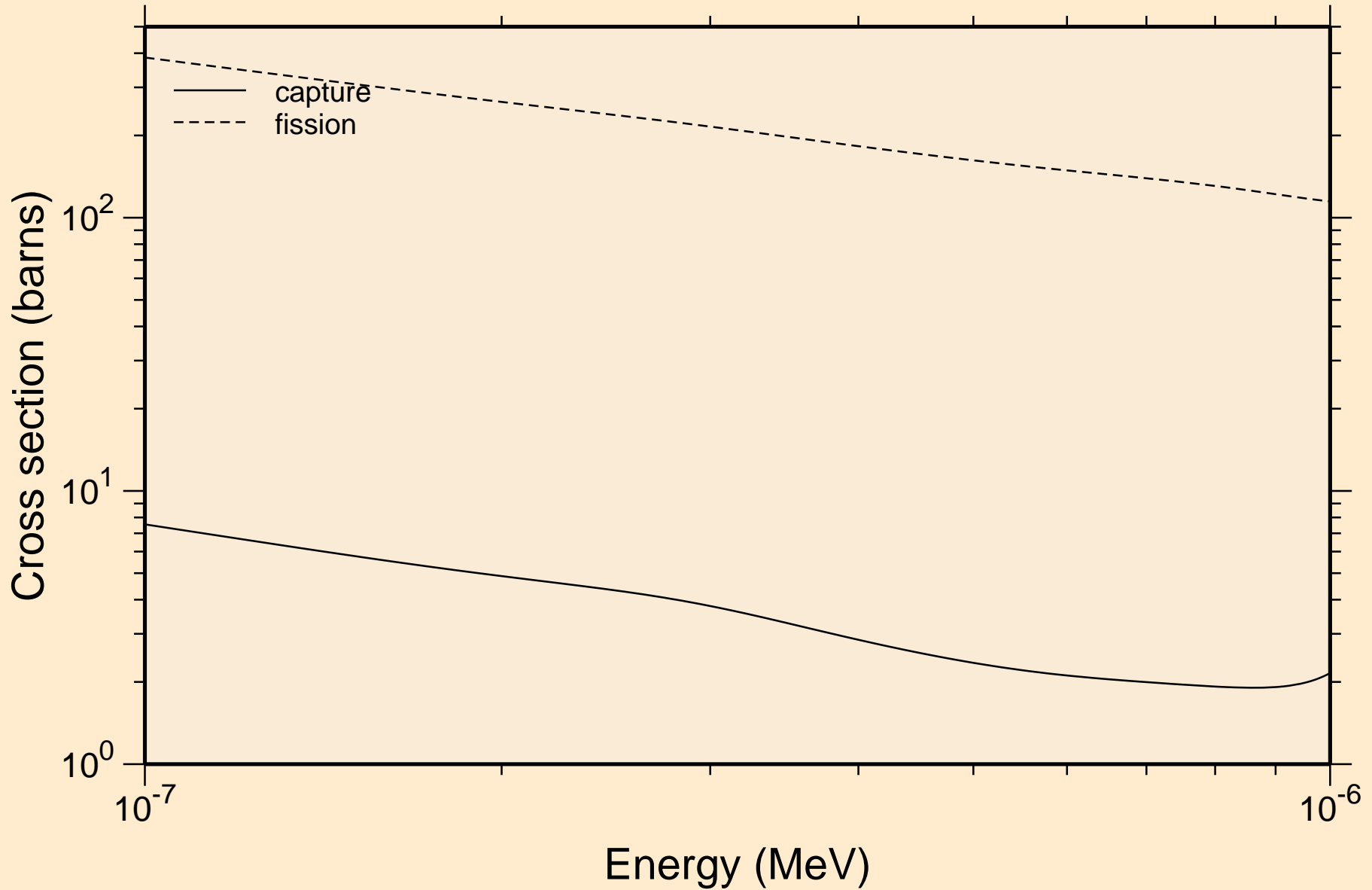
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



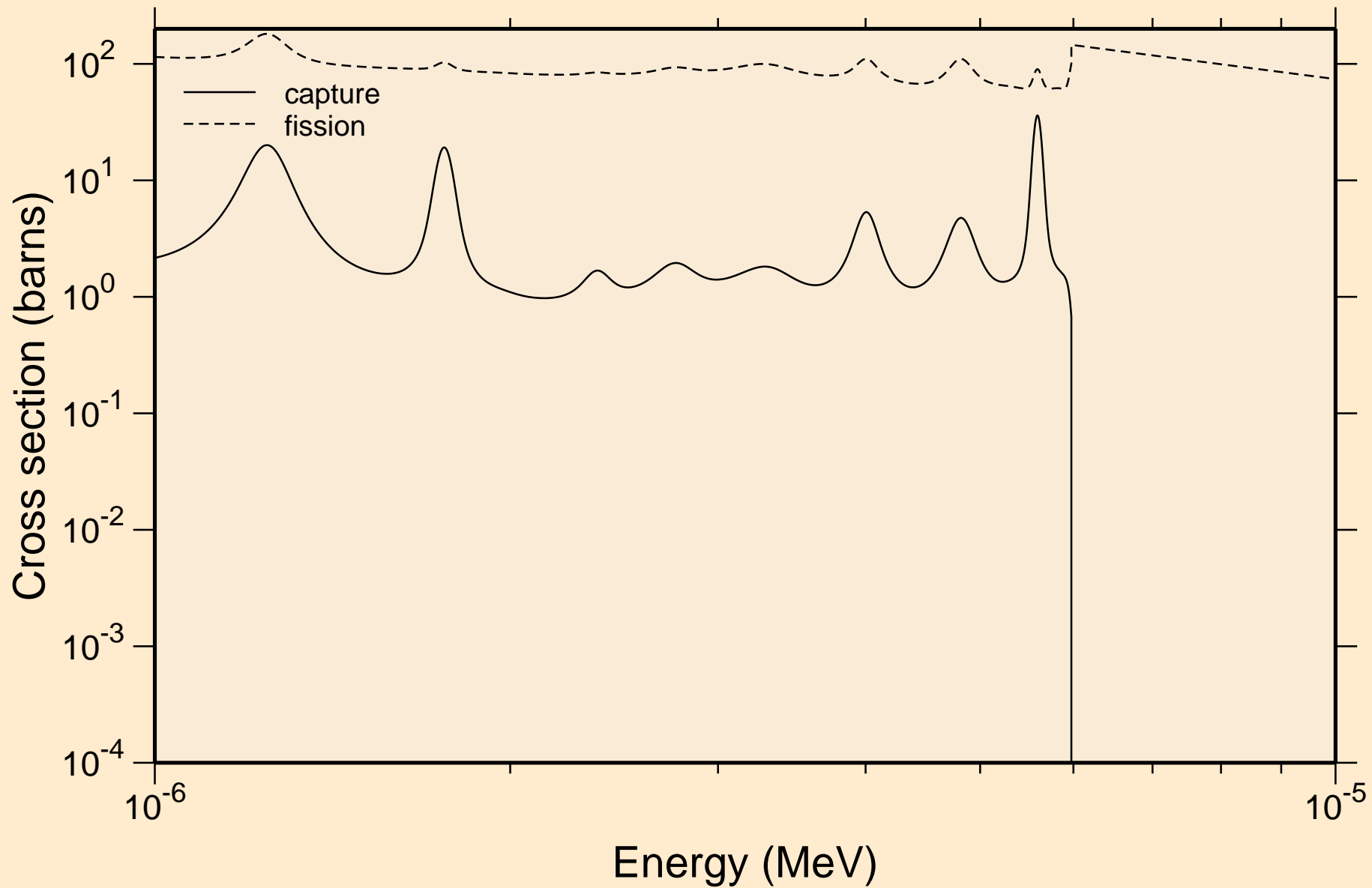
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



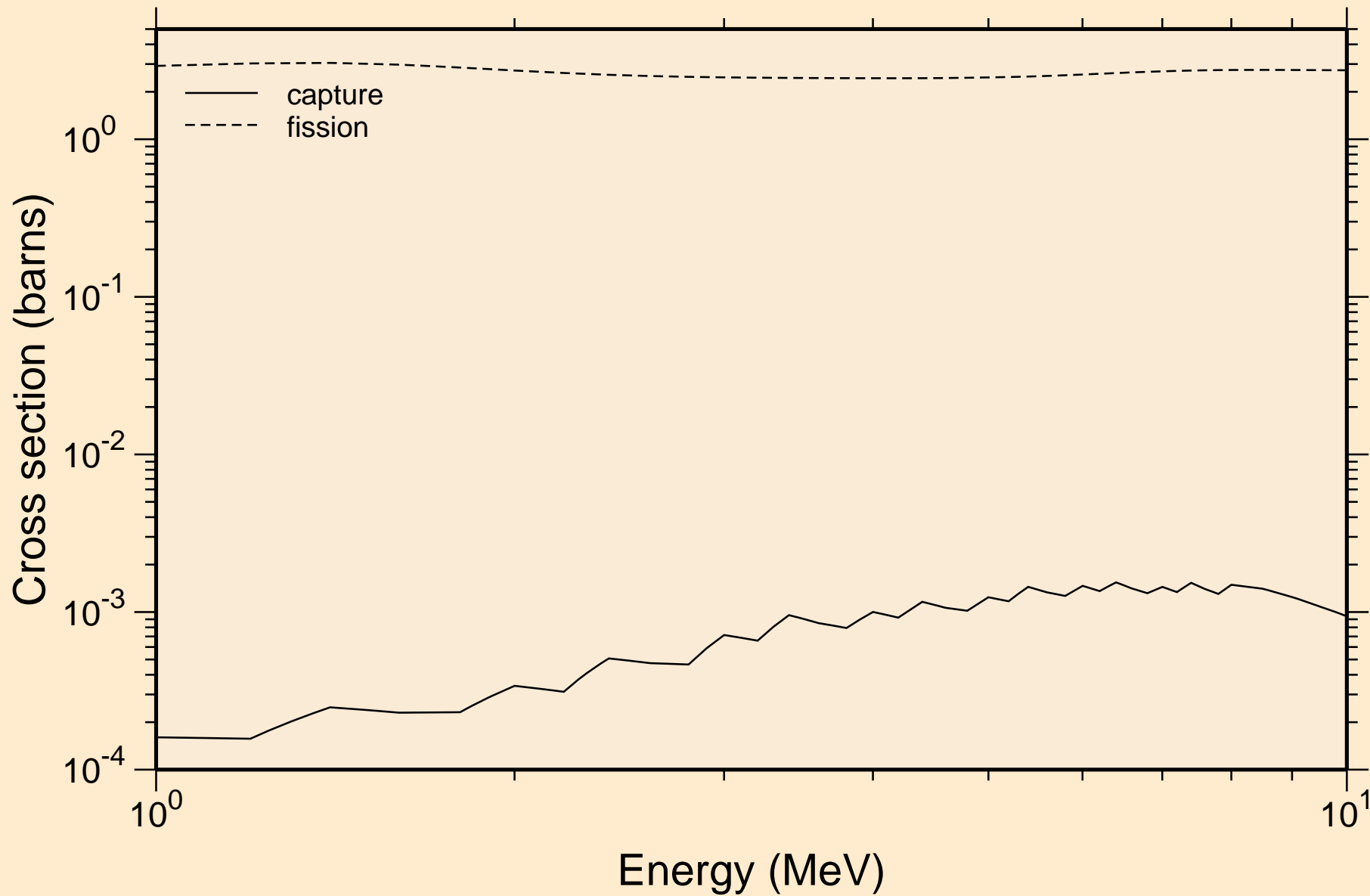
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



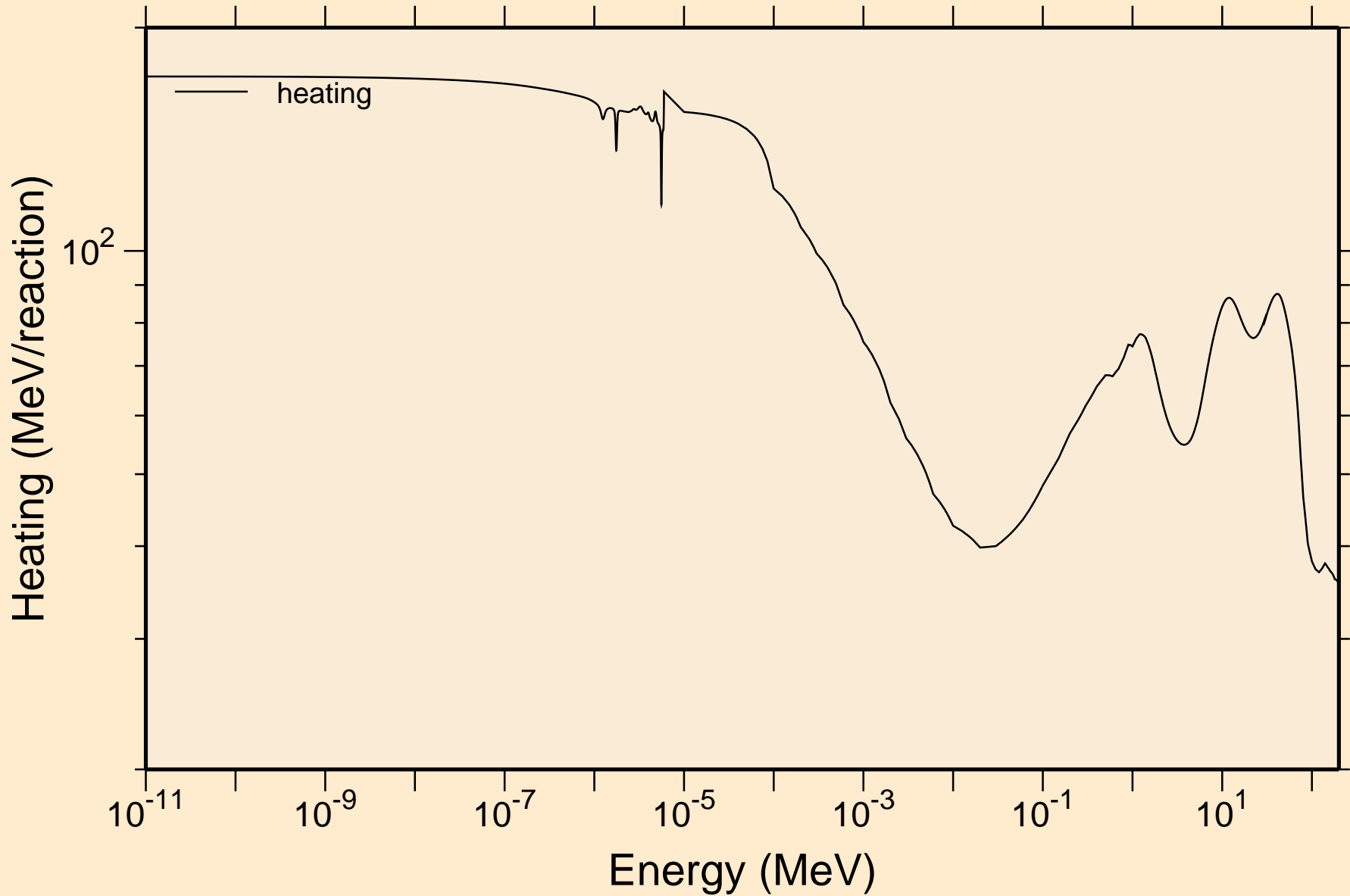
# CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K resonance absorption cross sections



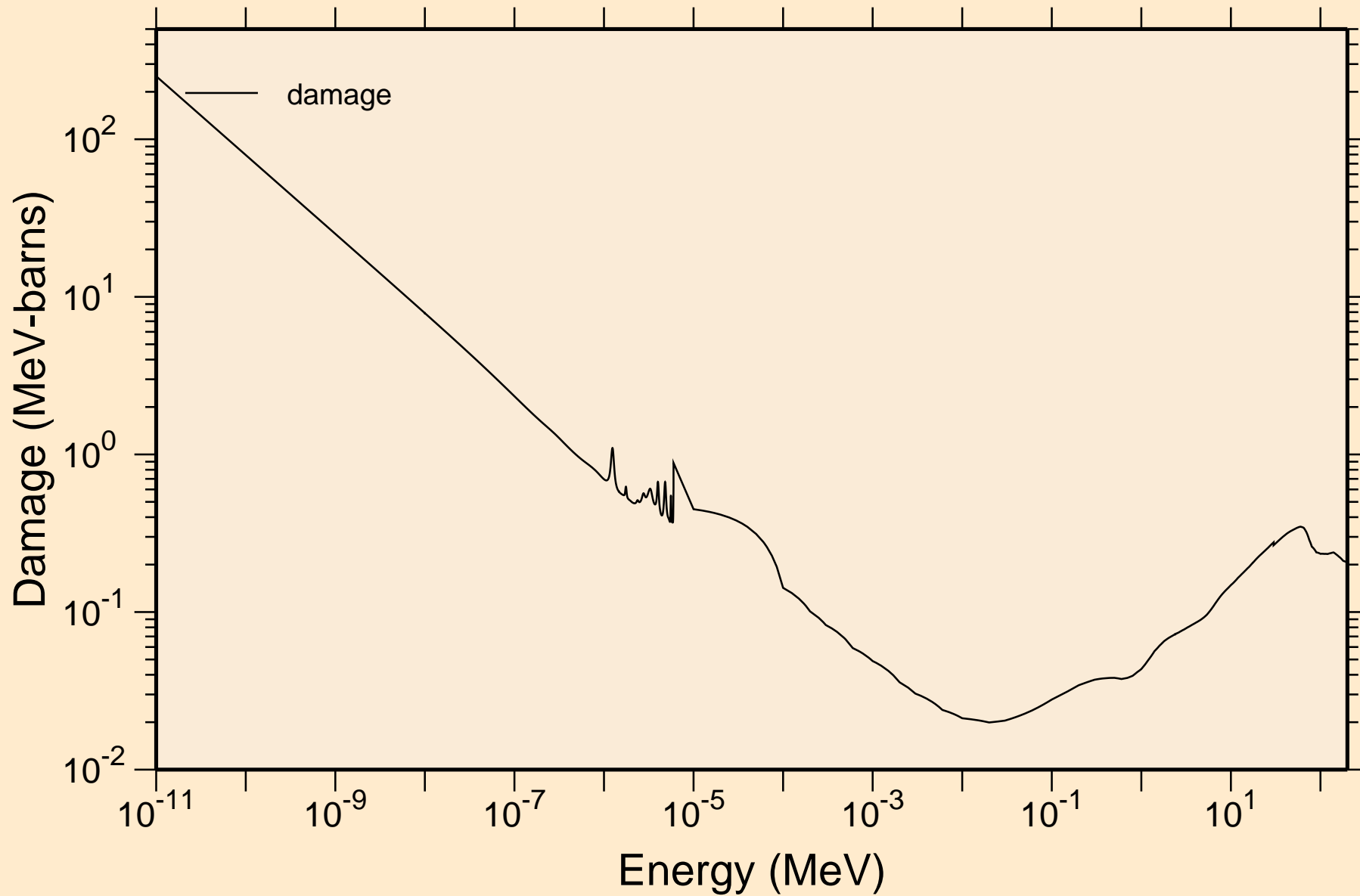
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating

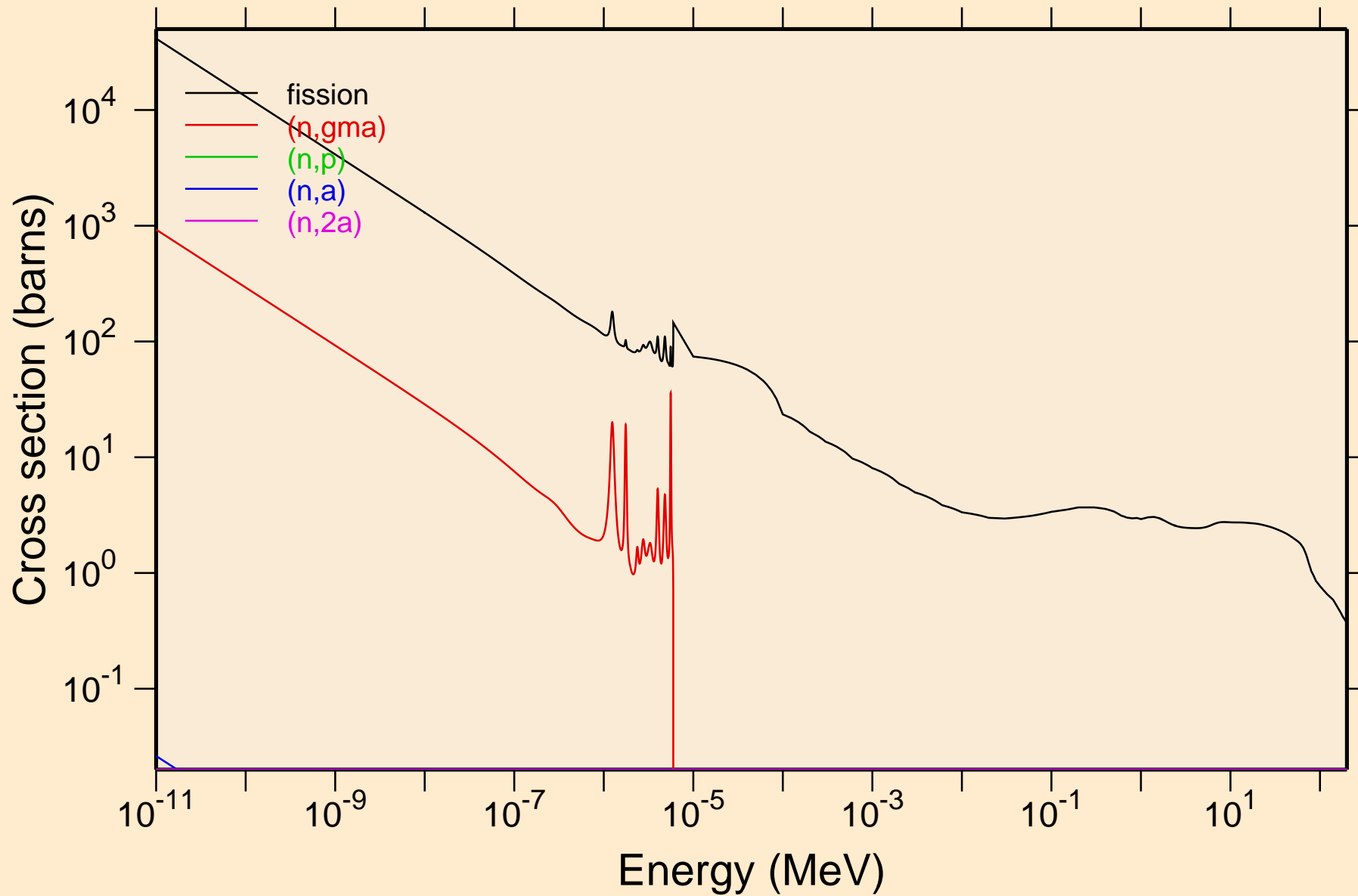


CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

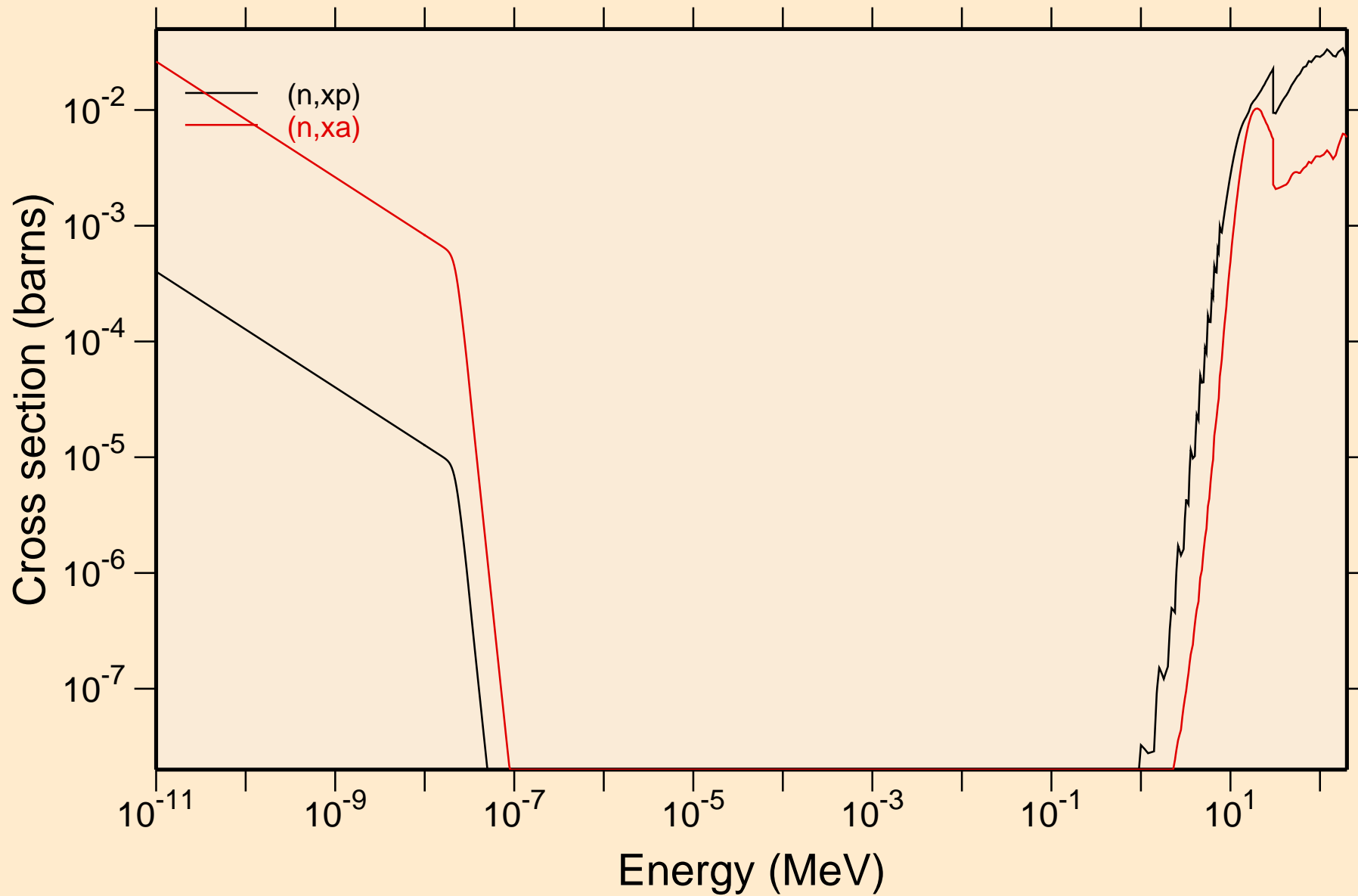


# CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Non-threshold reactions

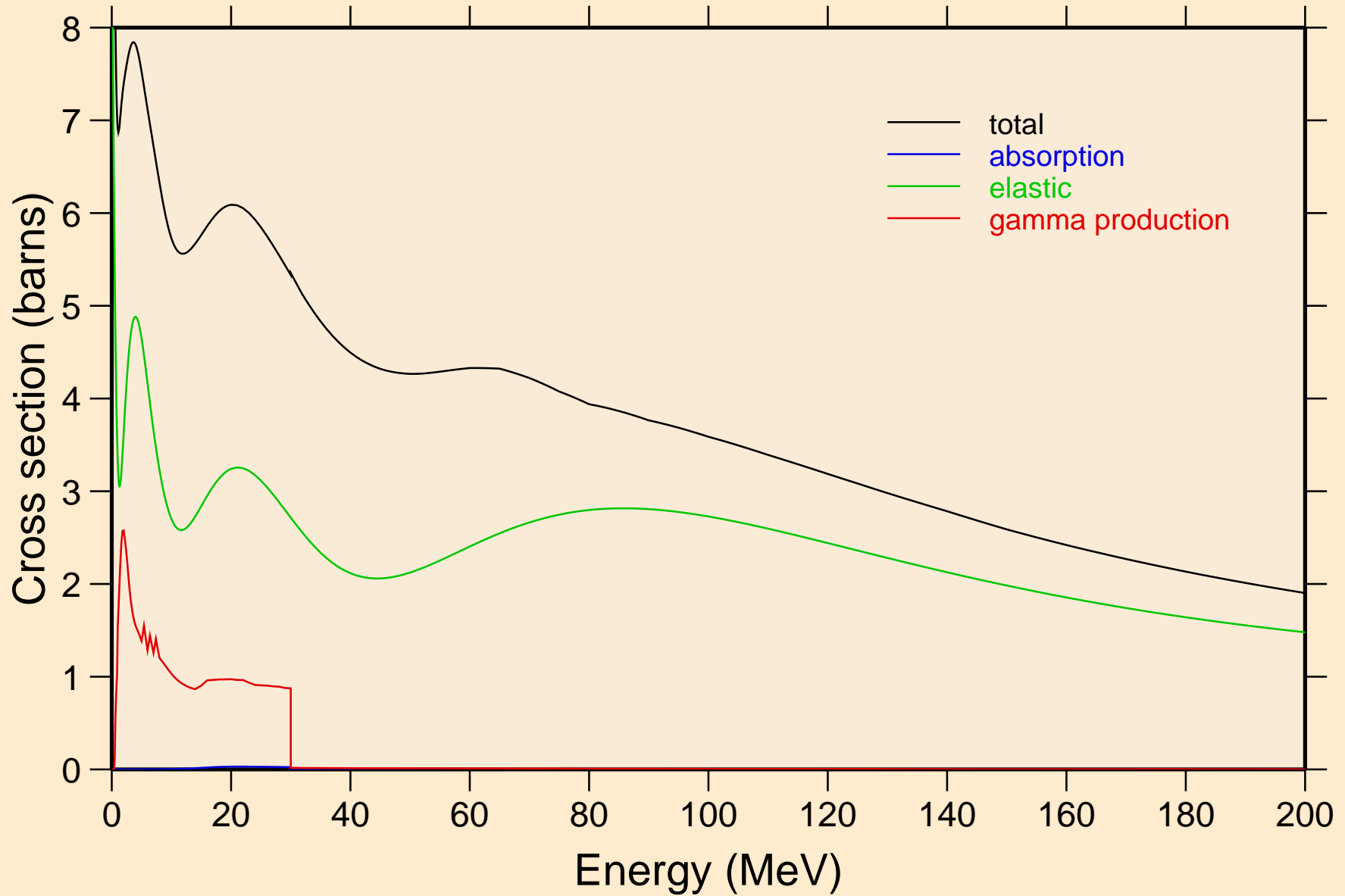


CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

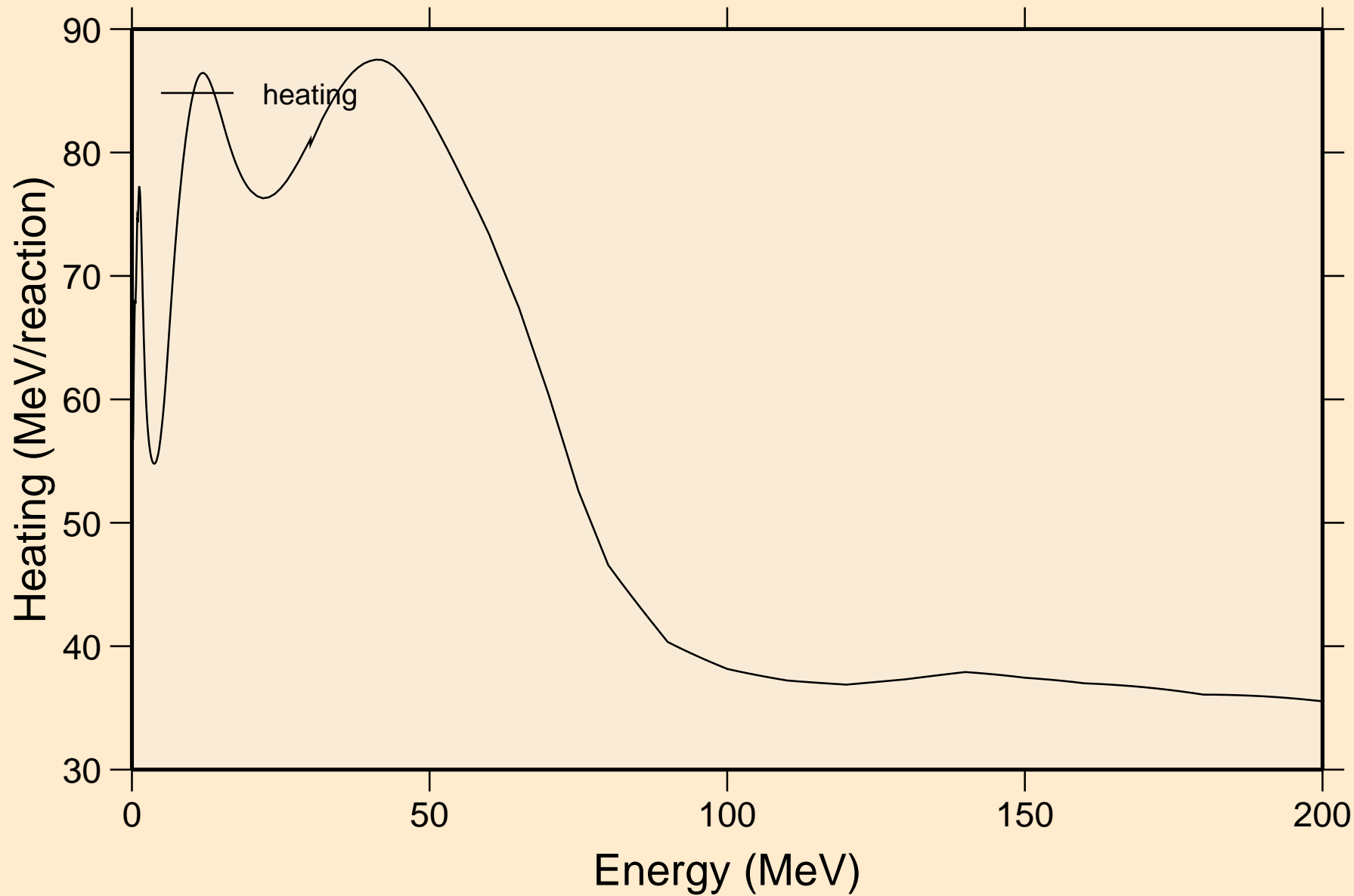


# CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

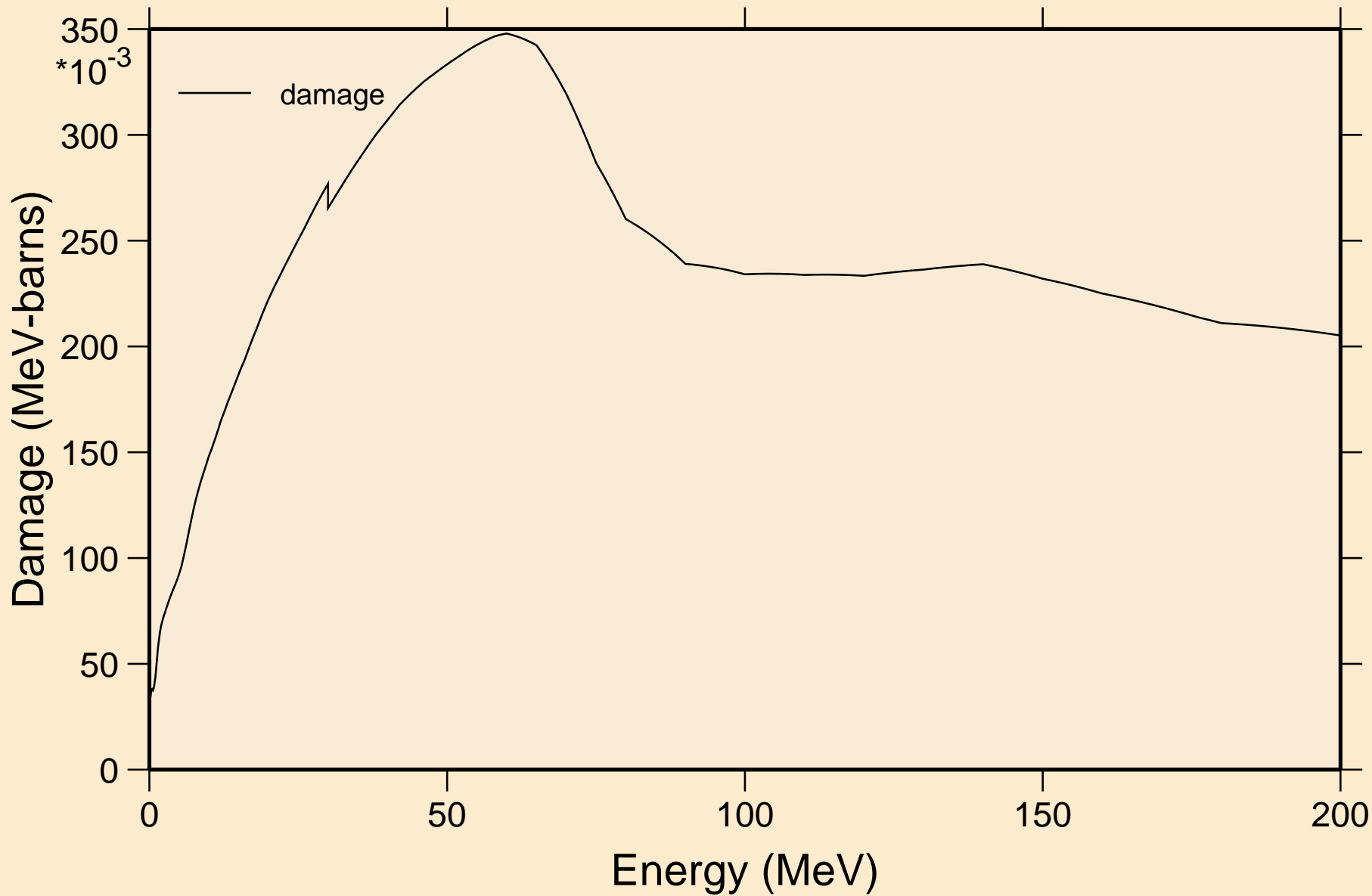
## Principal cross sections



CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating

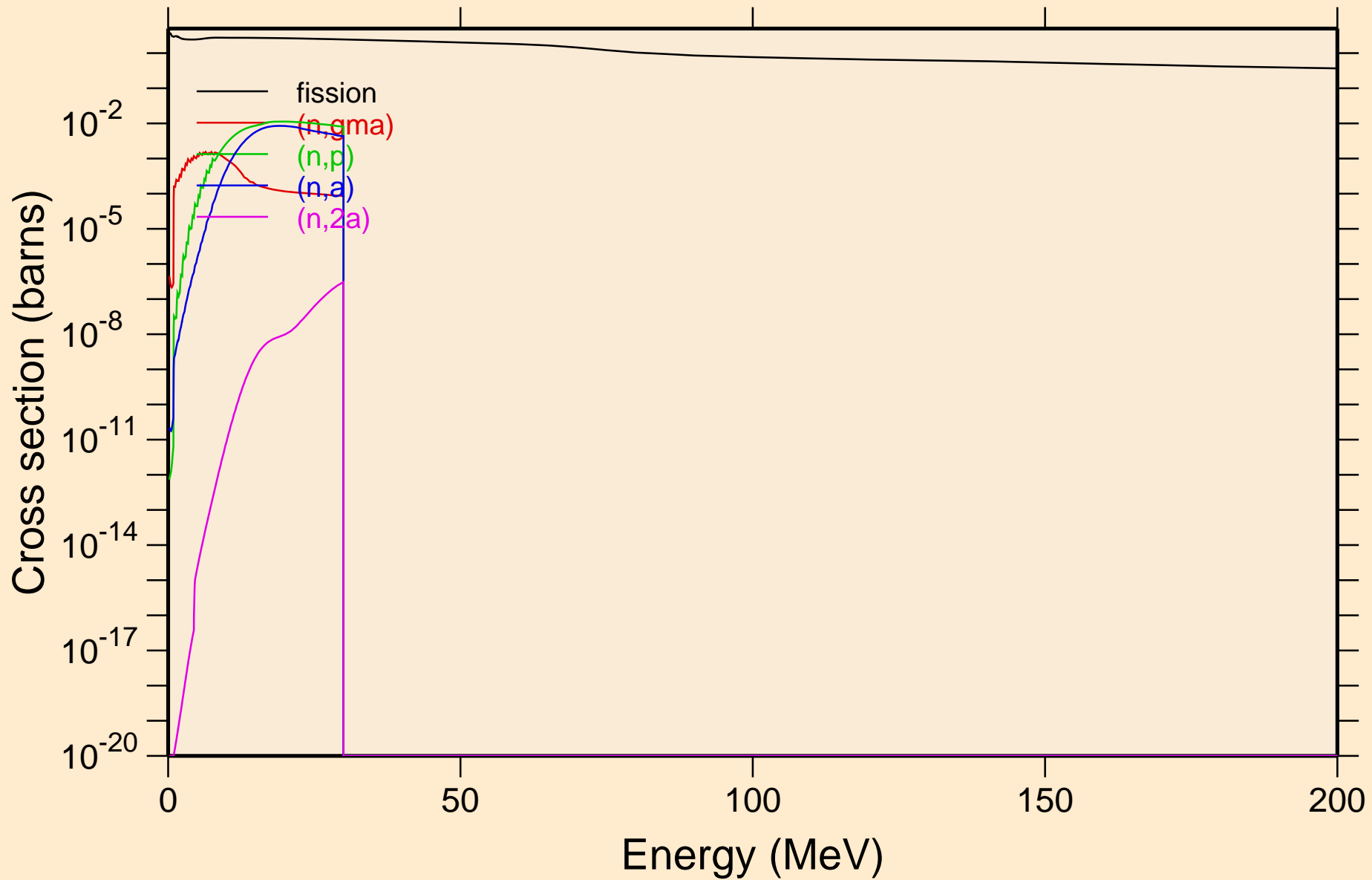


CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

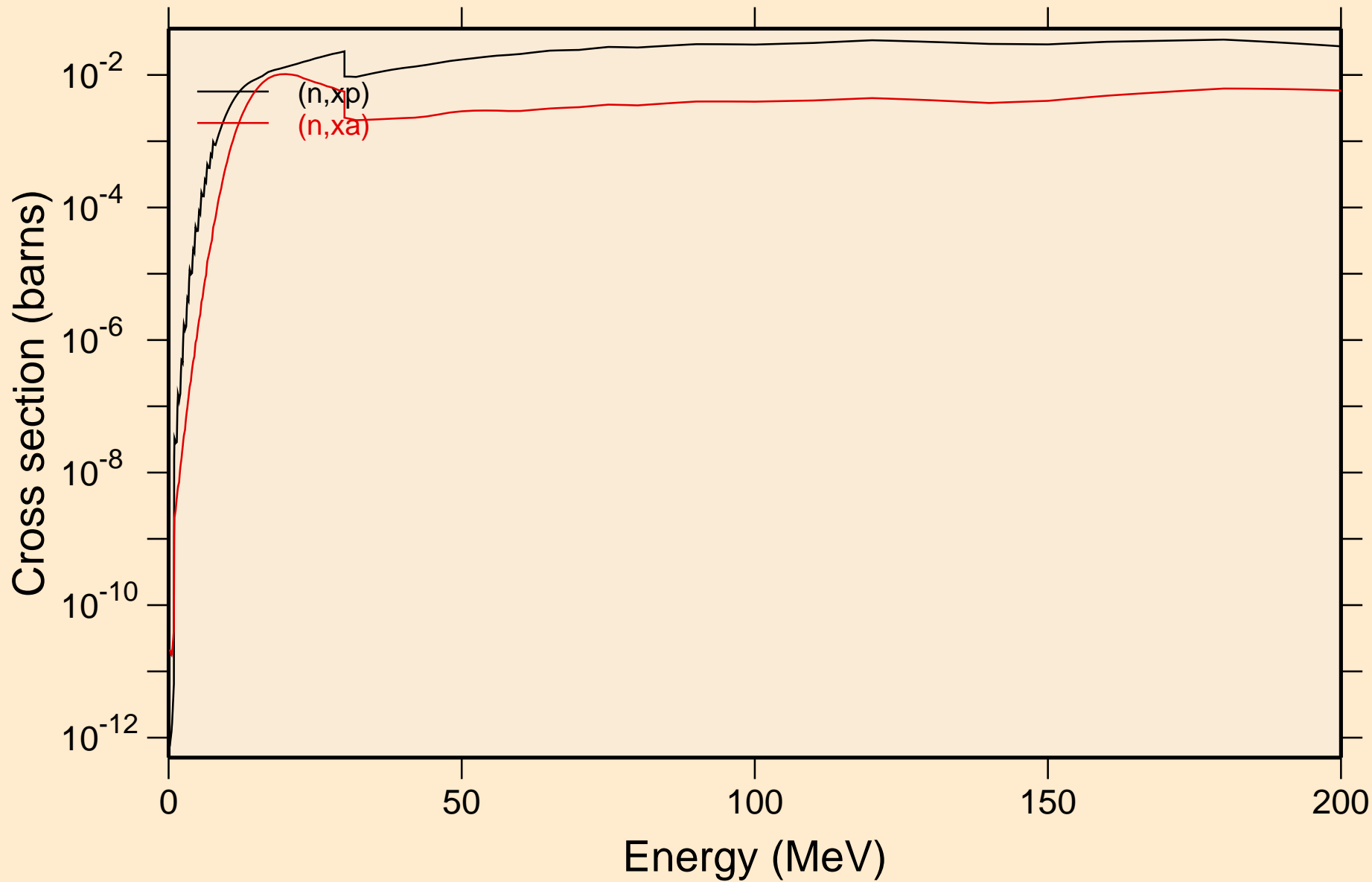


# CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

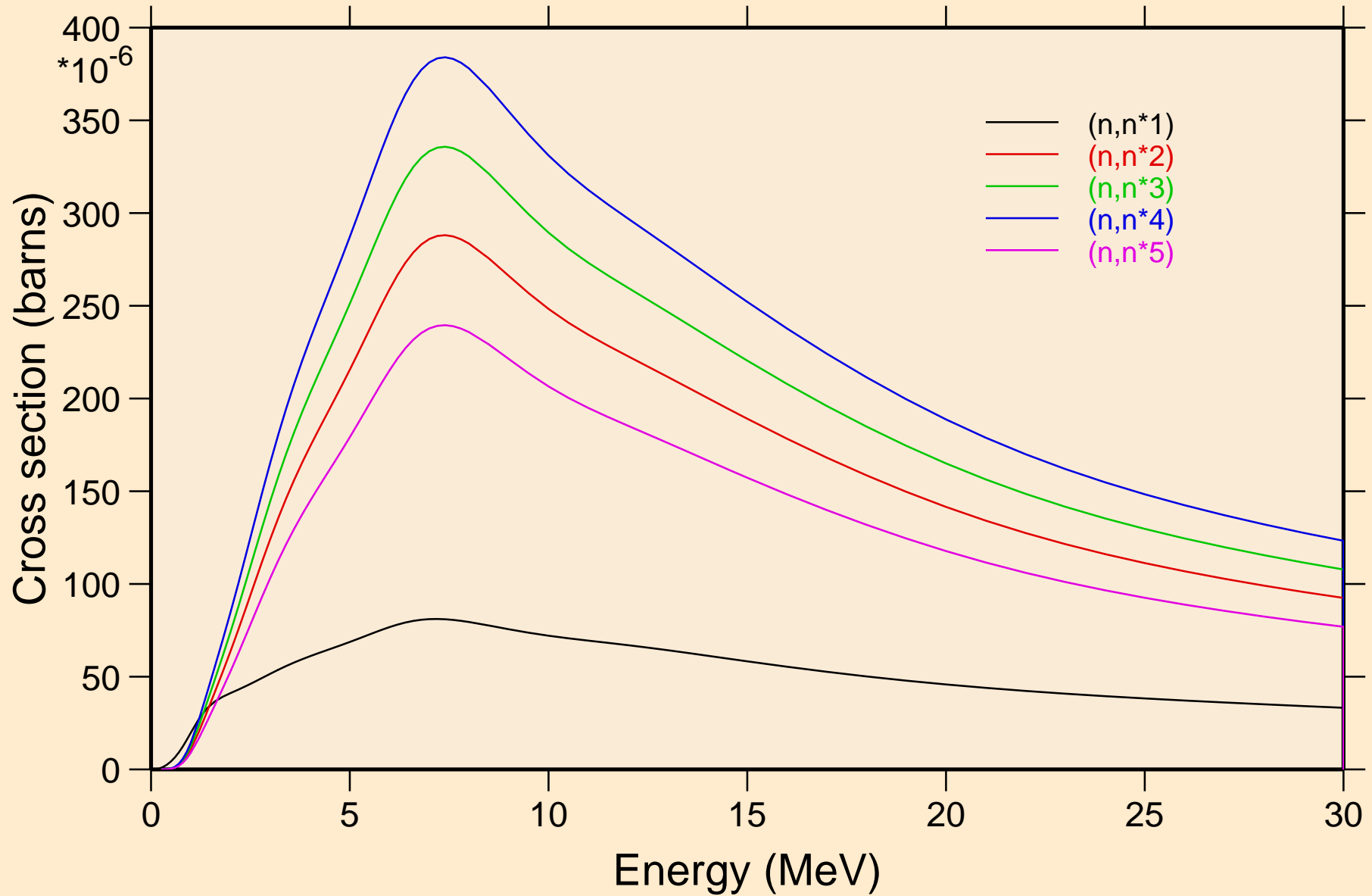
## Non-threshold reactions



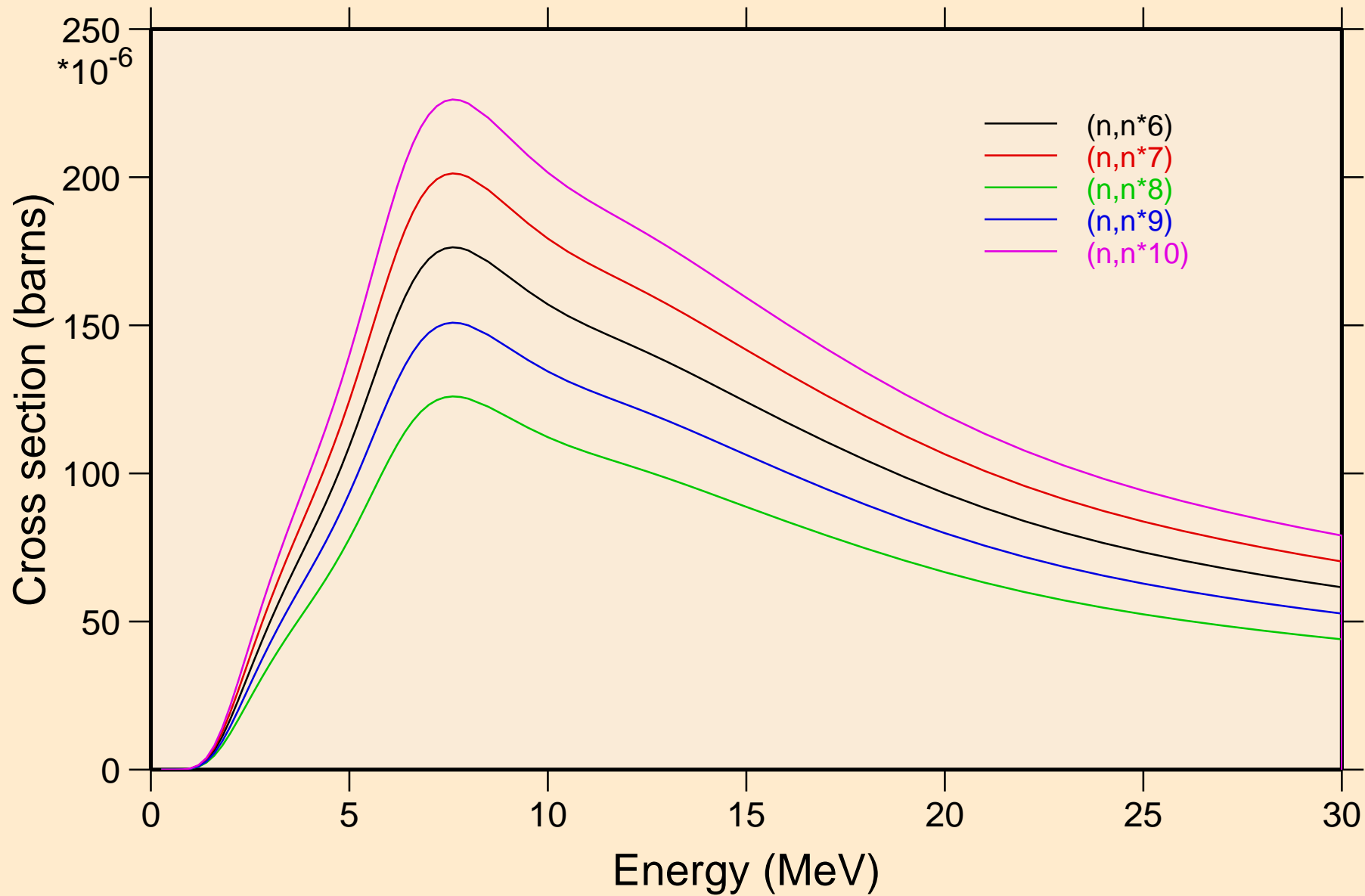
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



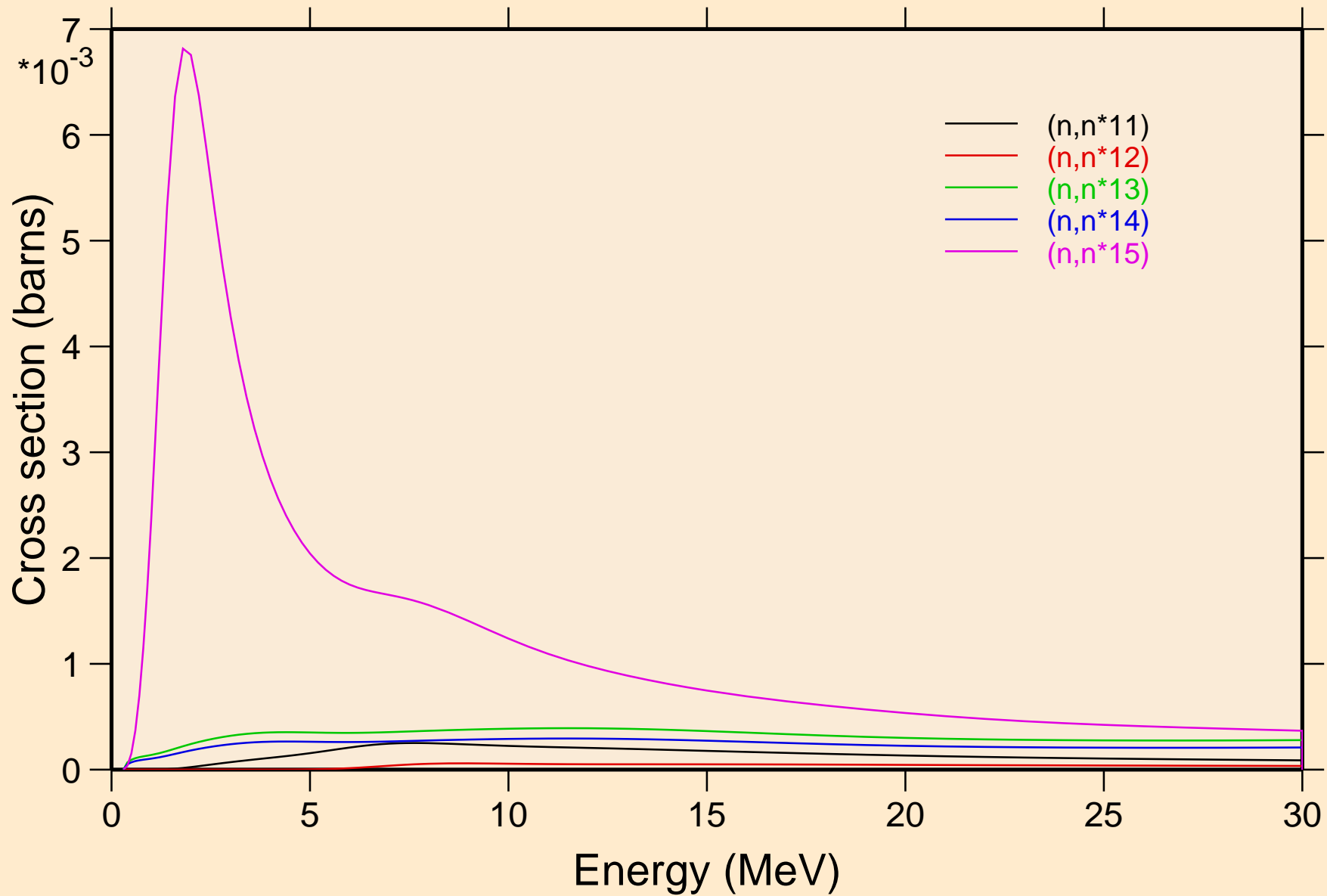
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



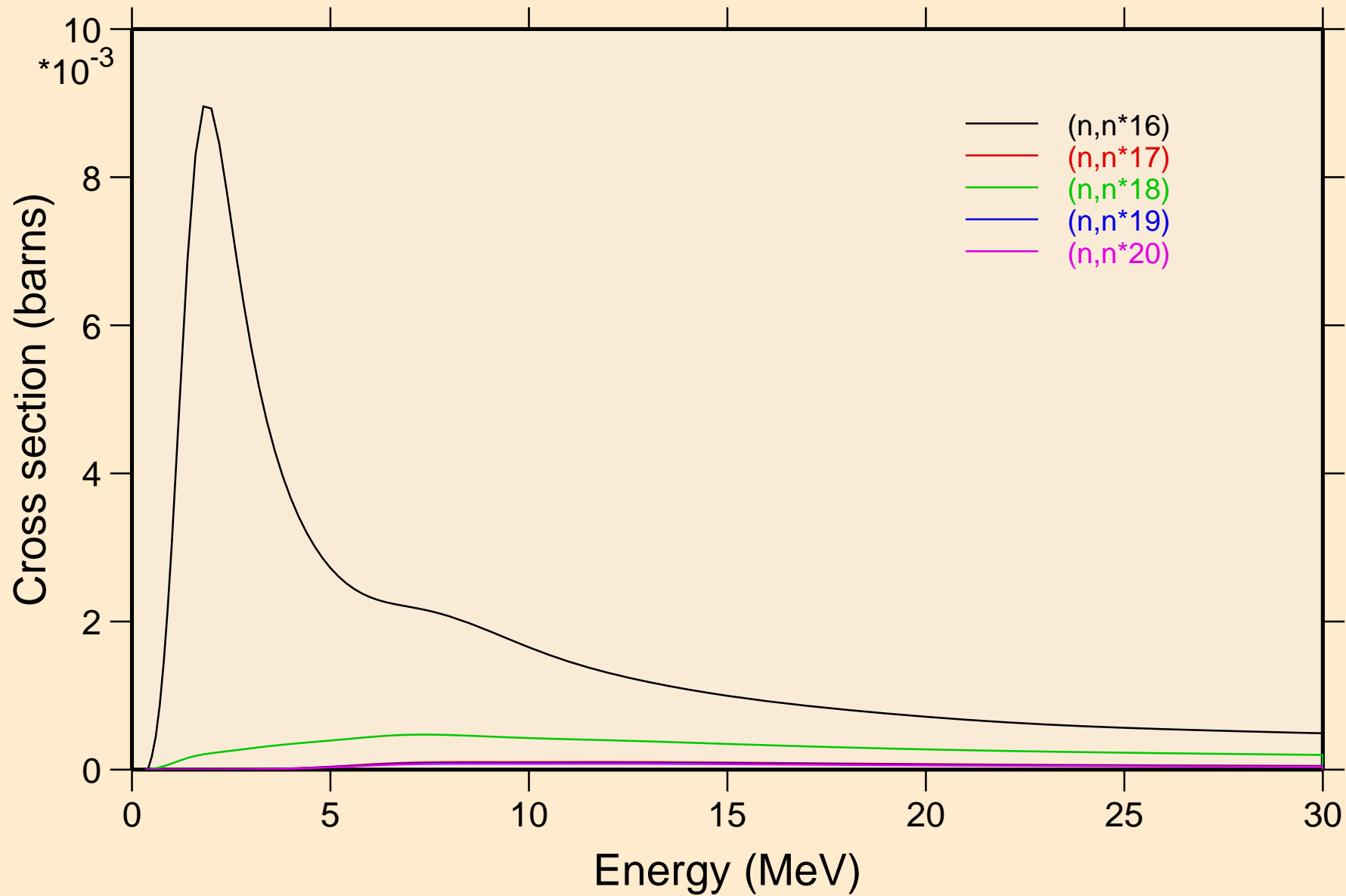
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



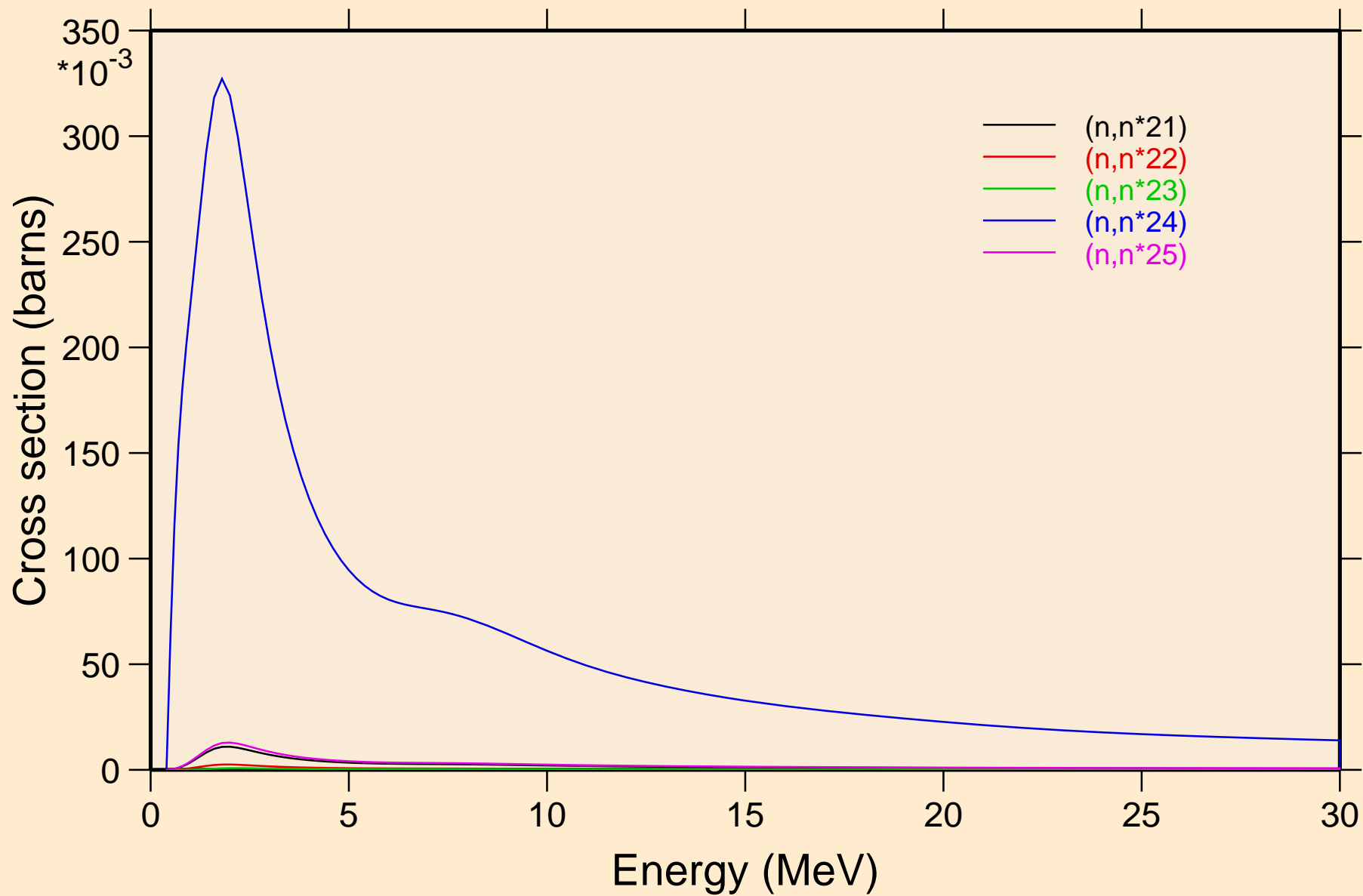
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



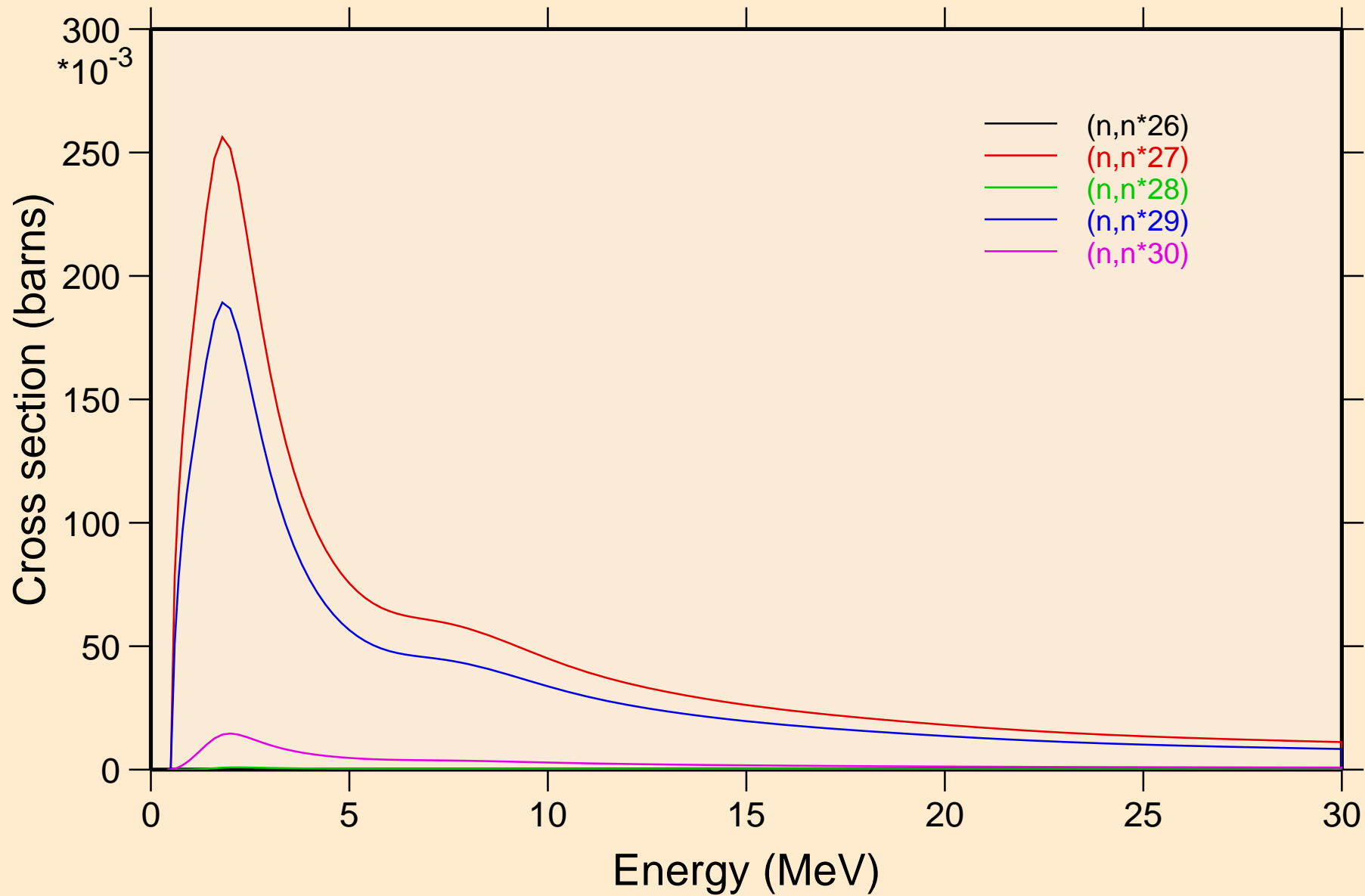
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

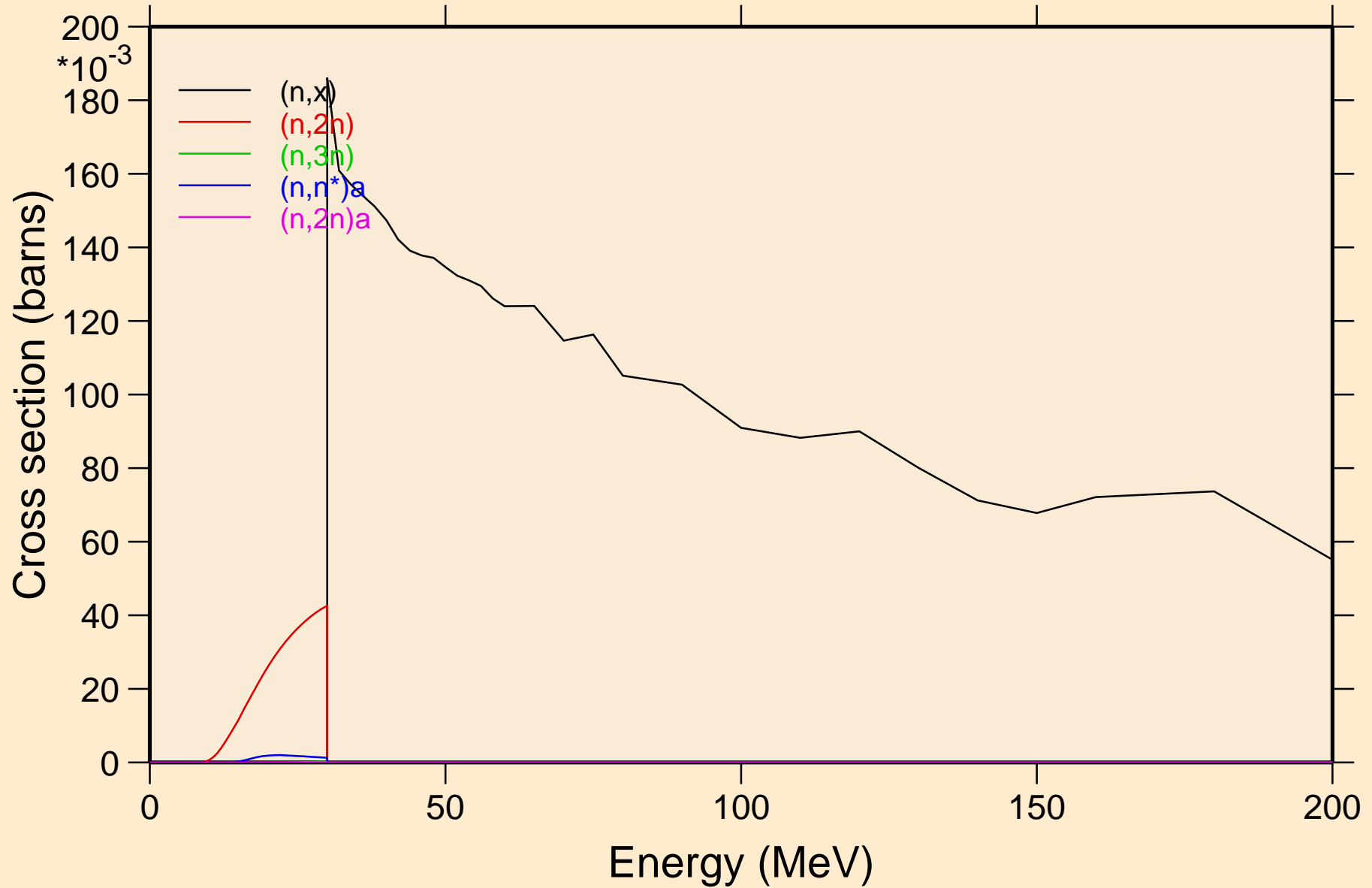


CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

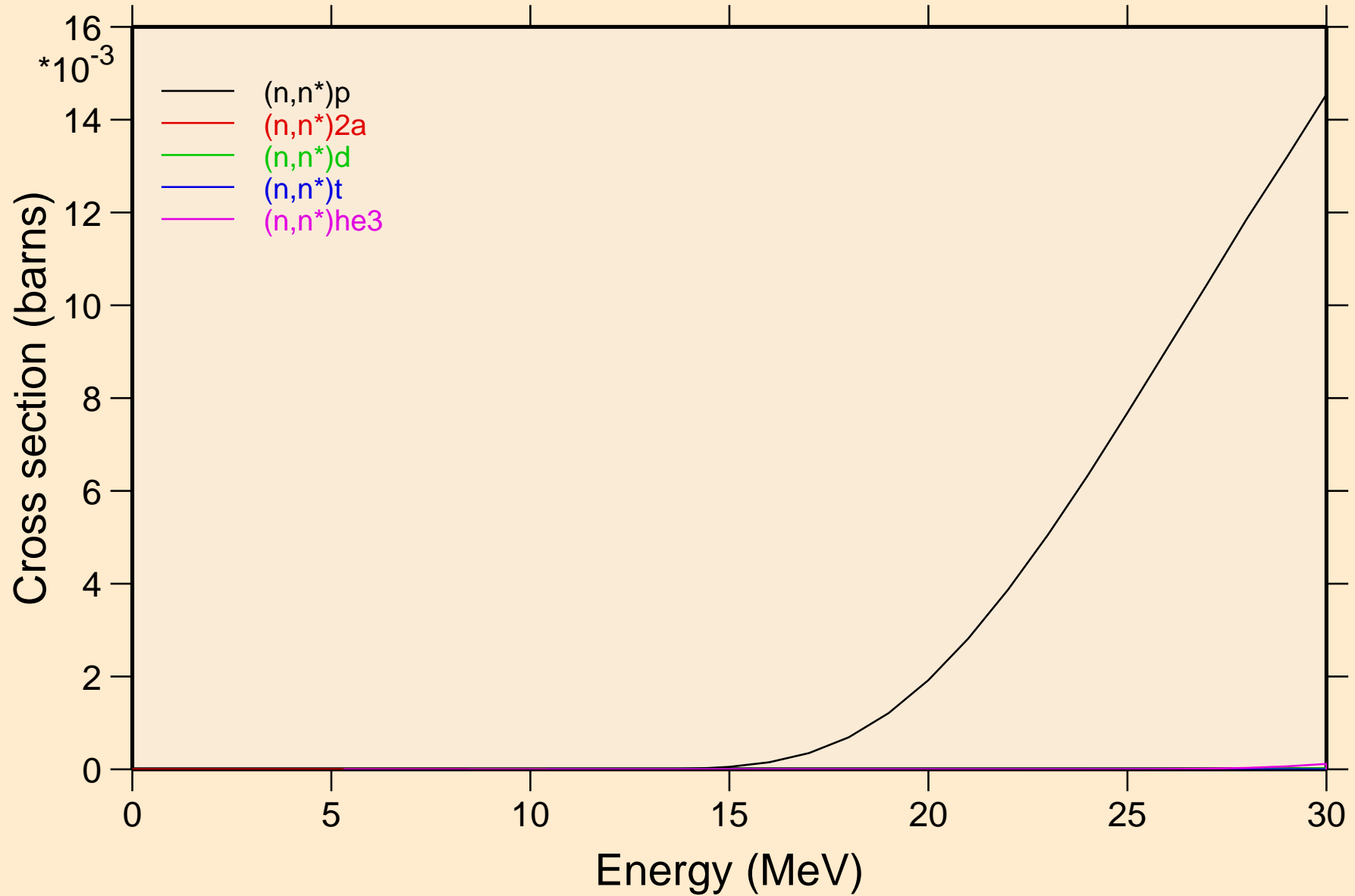


# CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

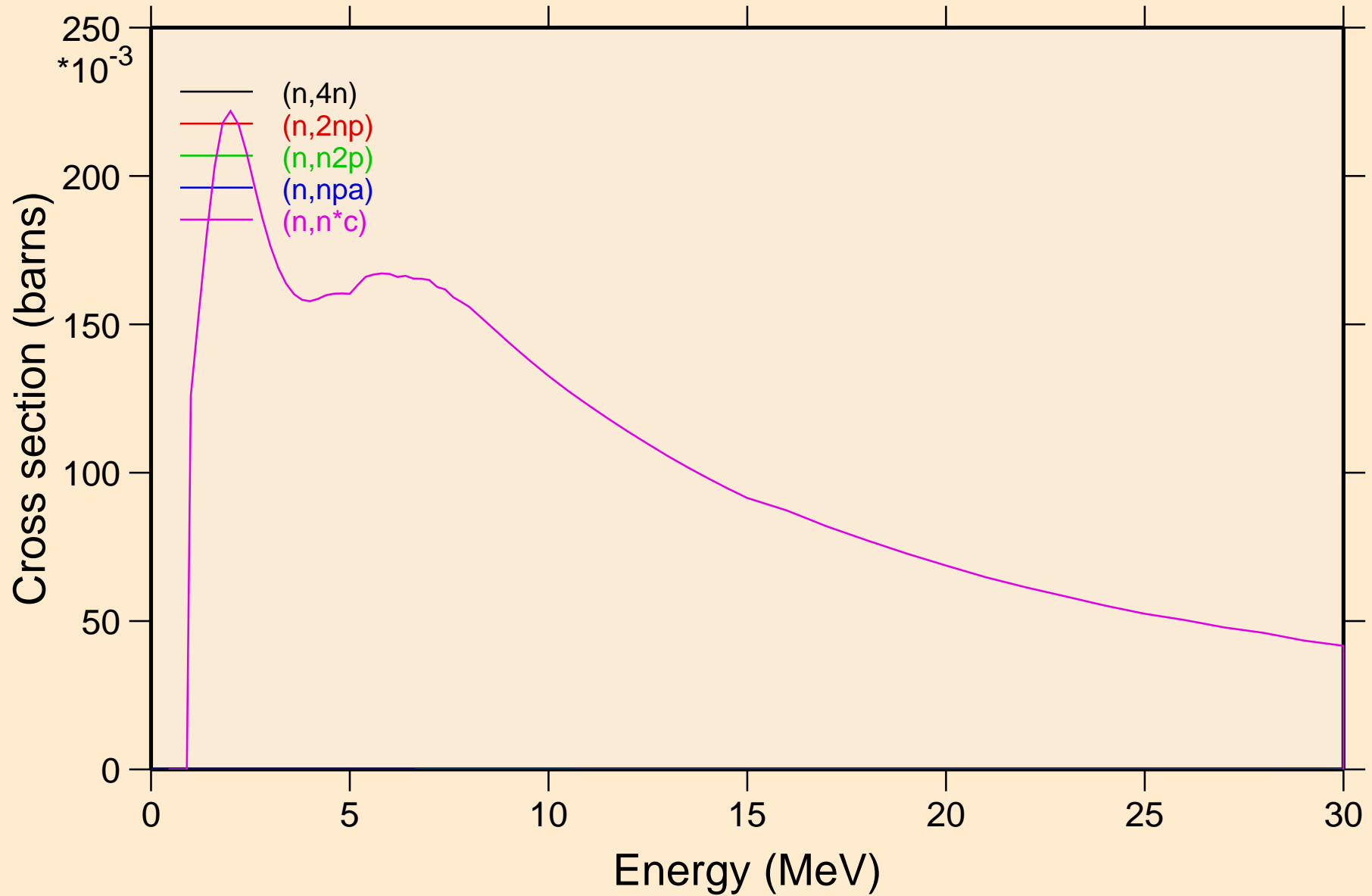


CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

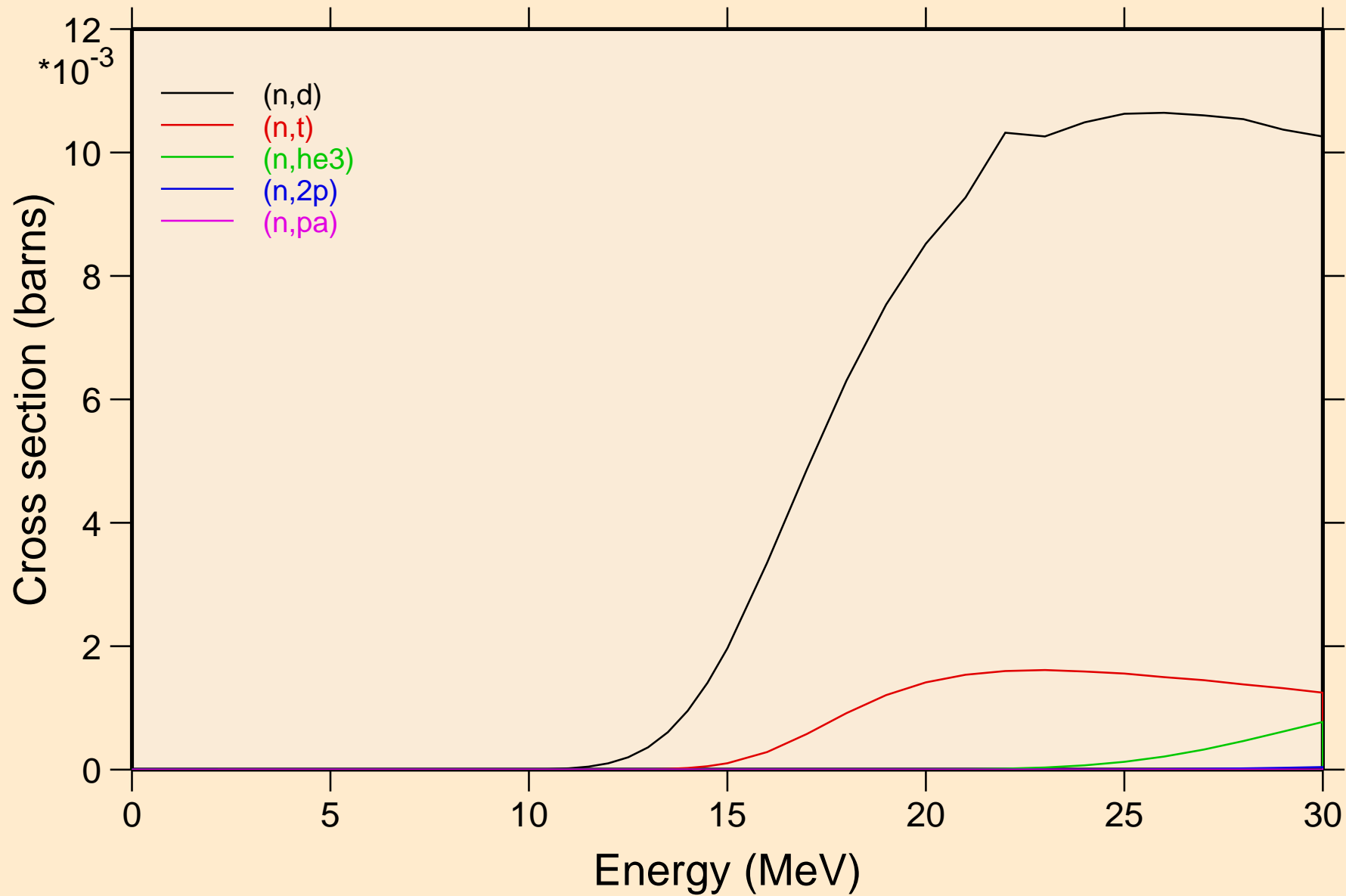


# CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

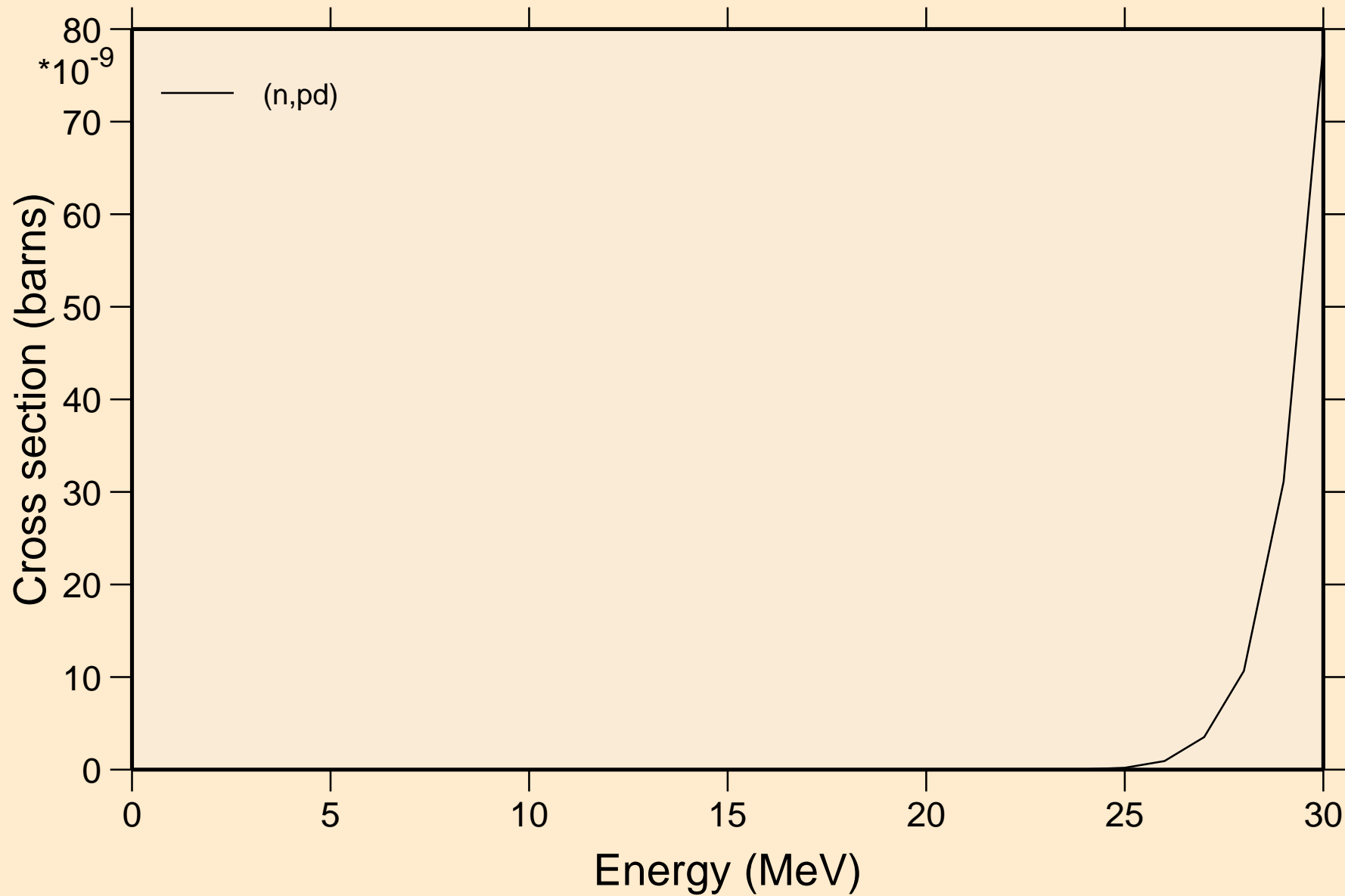
## Threshold reactions



CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

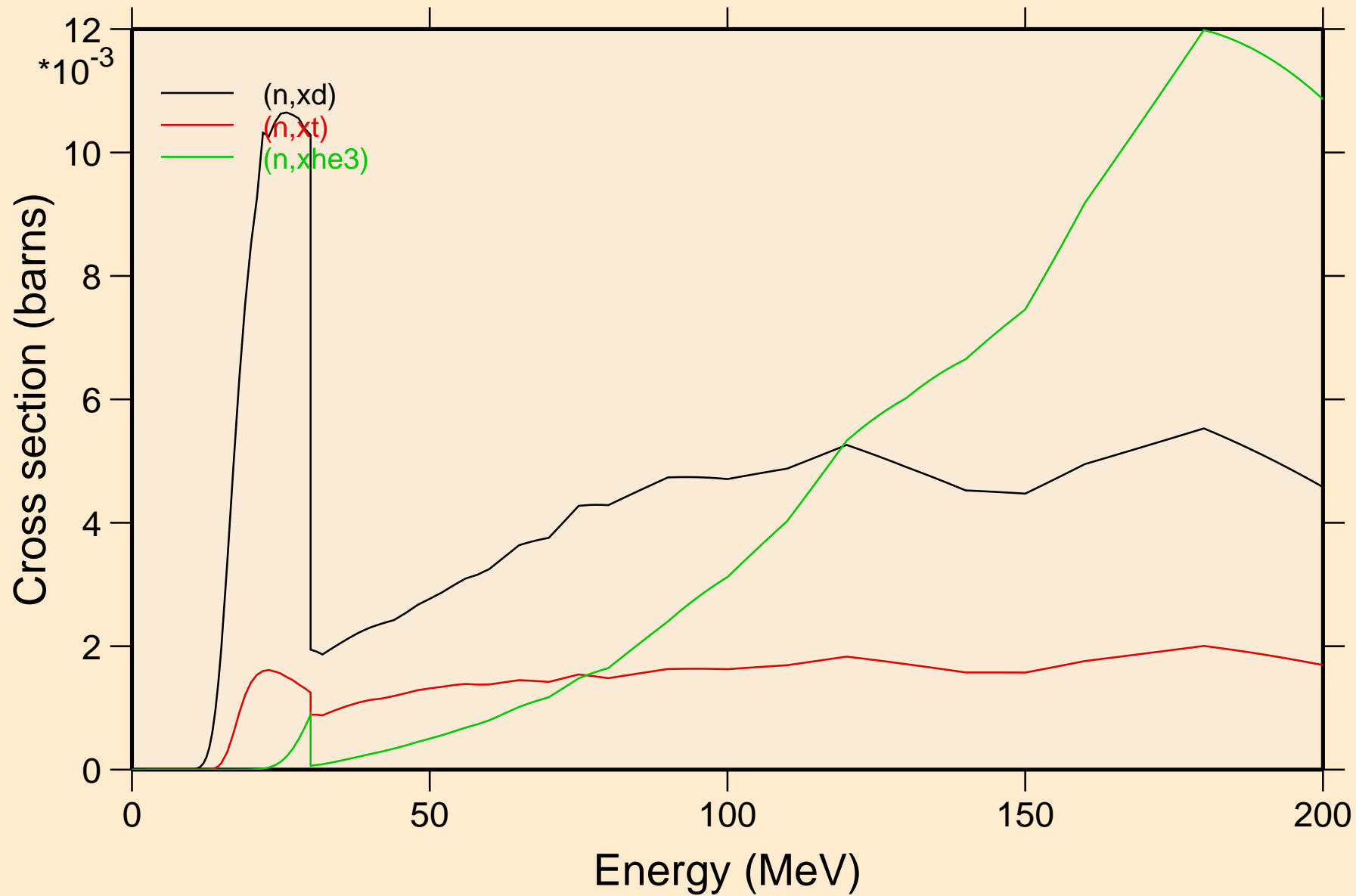


CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

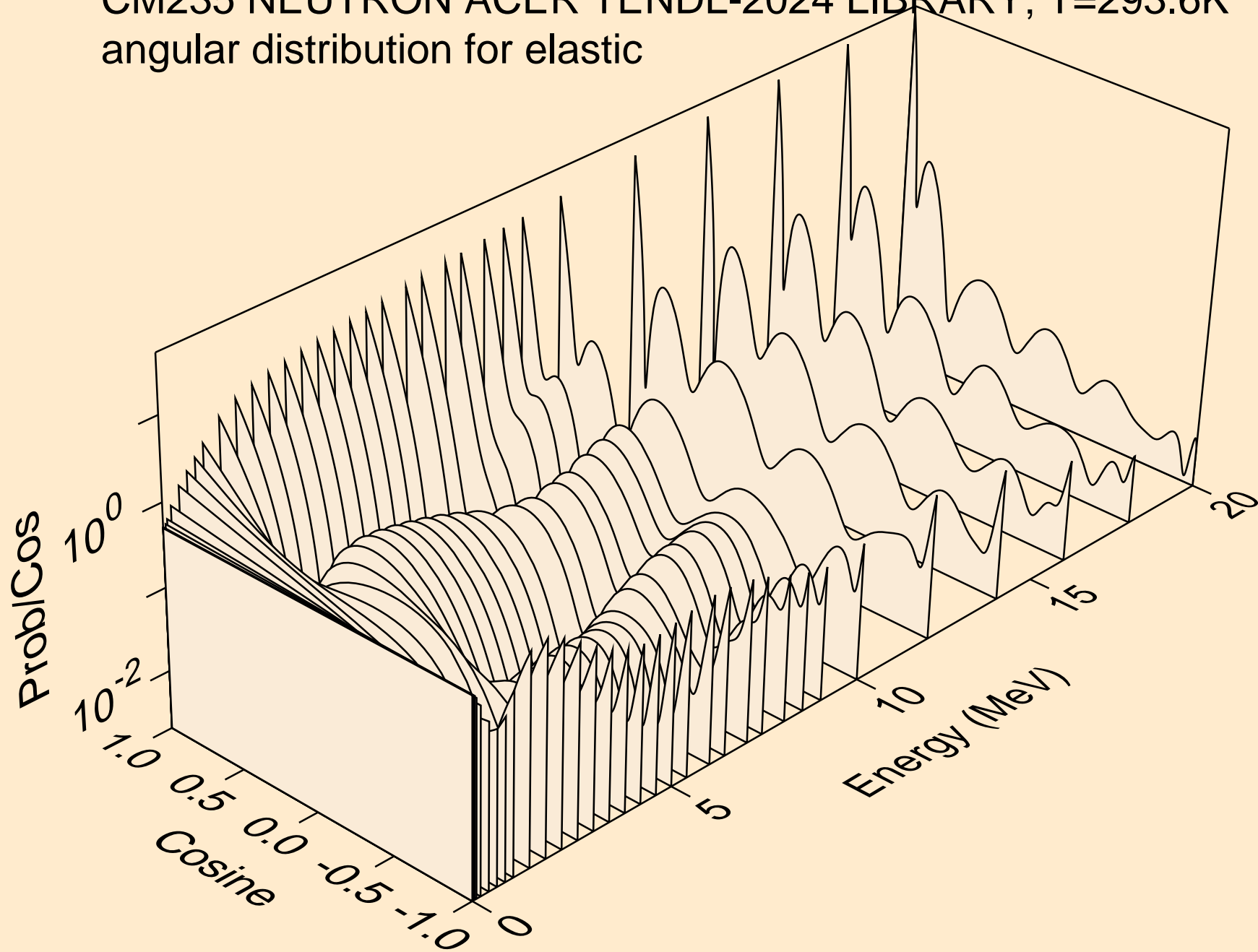


# CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

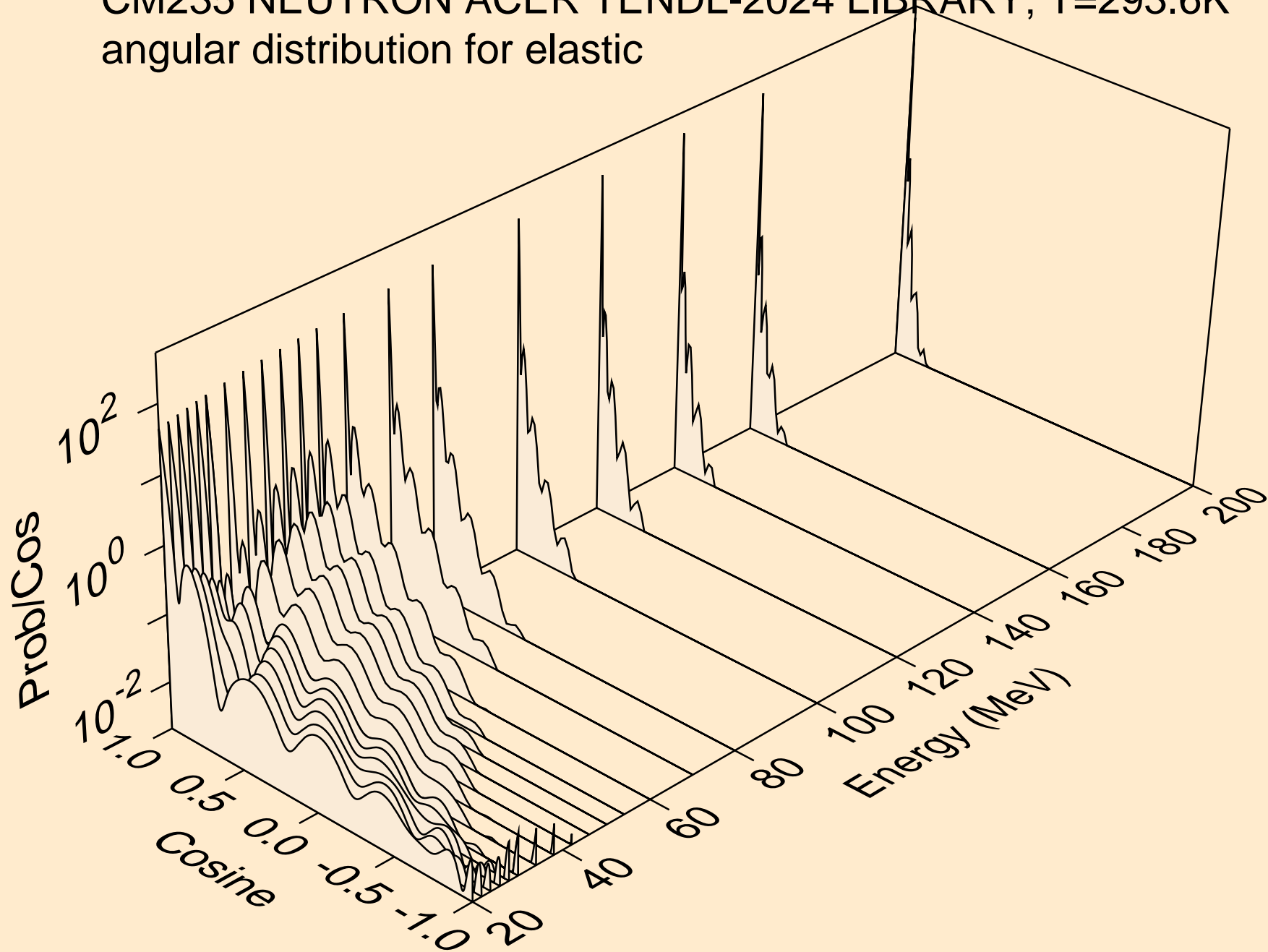
## Threshold reactions



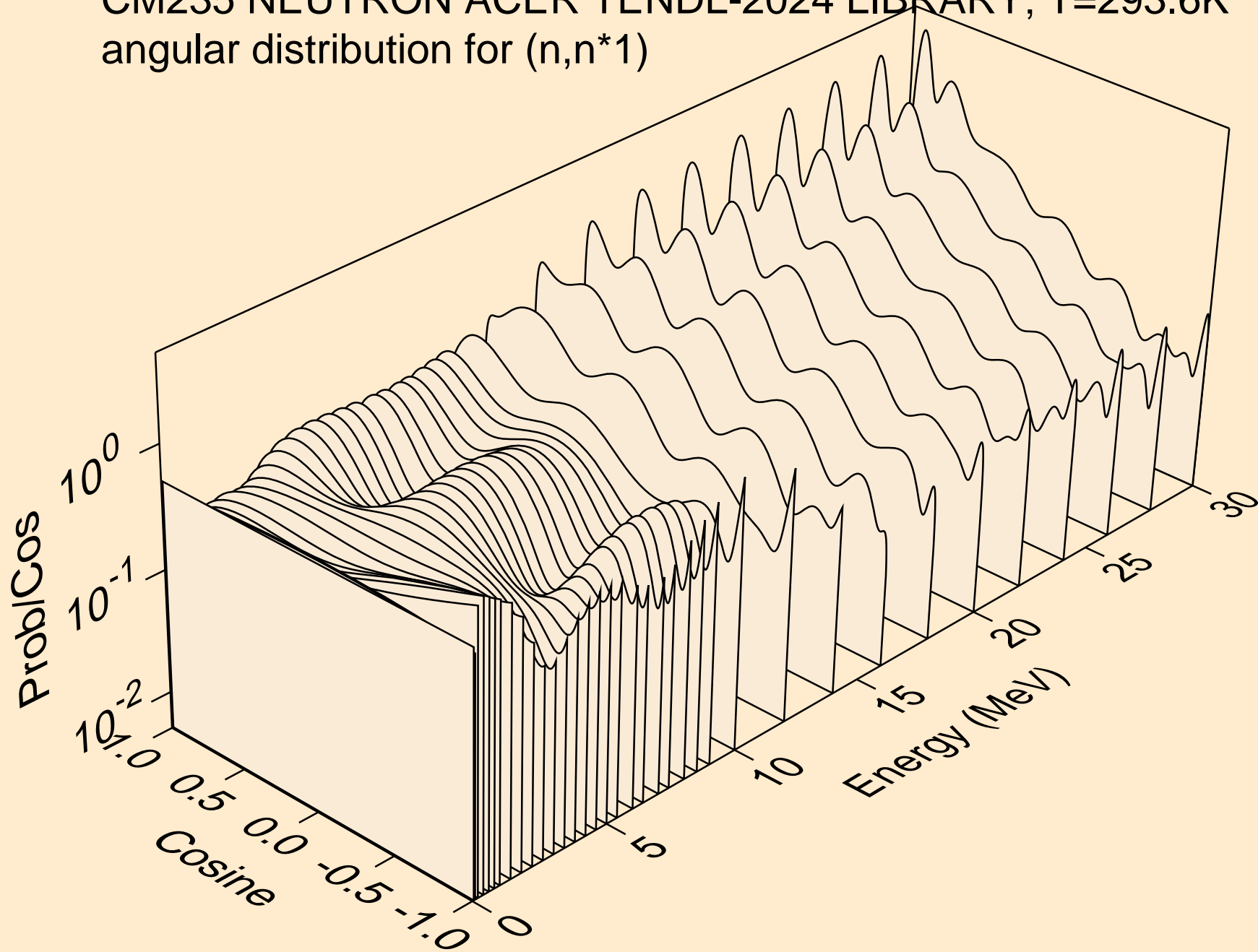
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



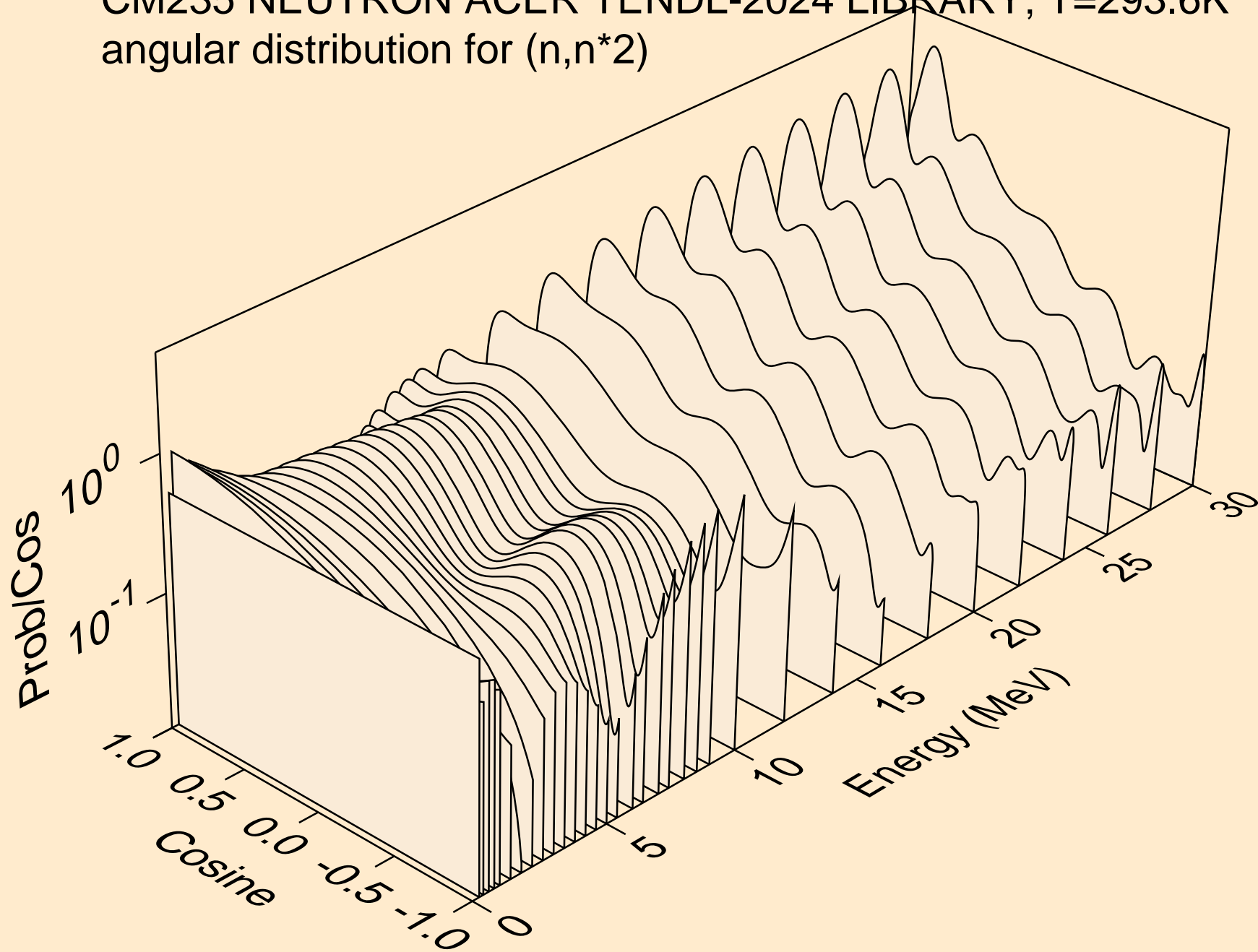
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



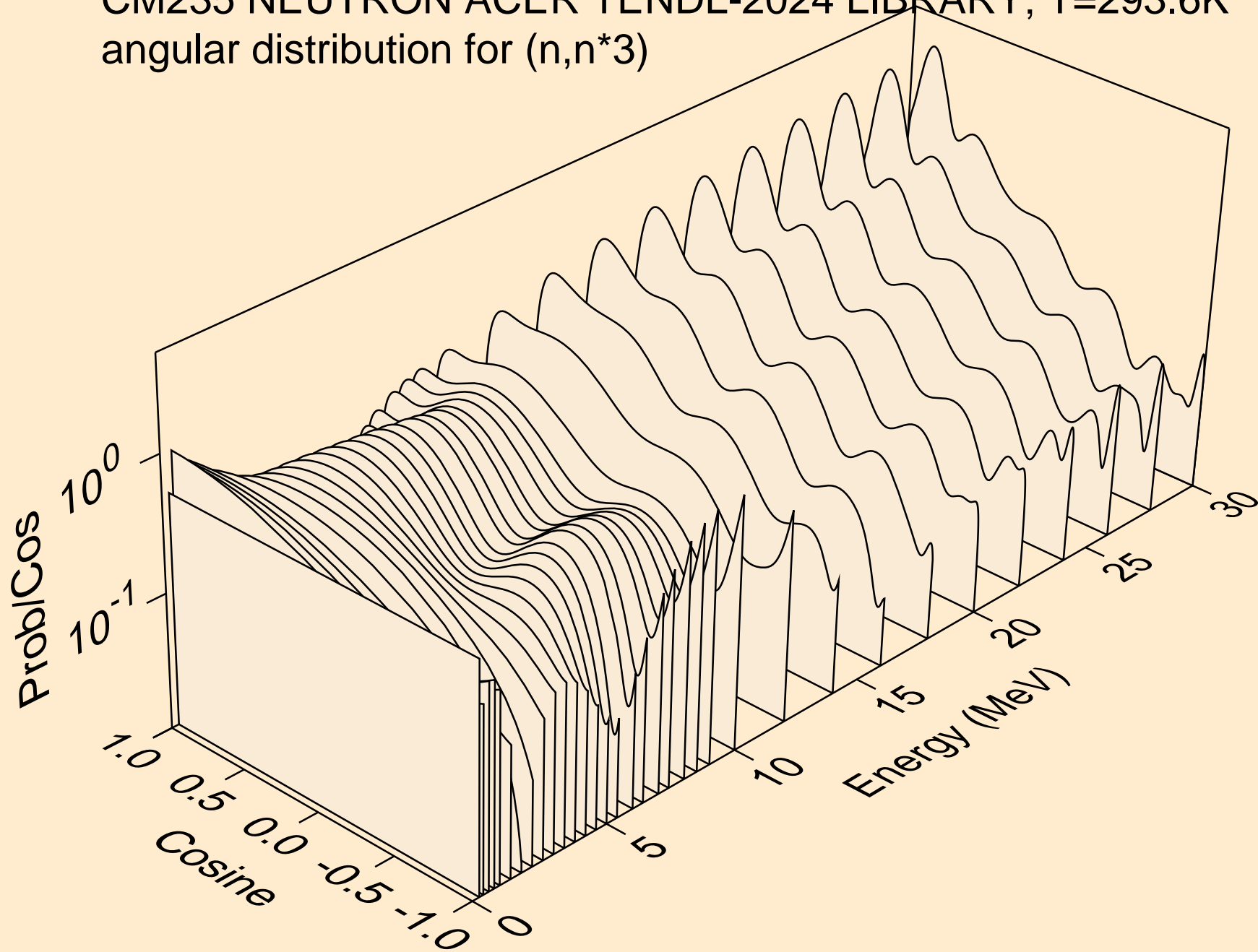
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



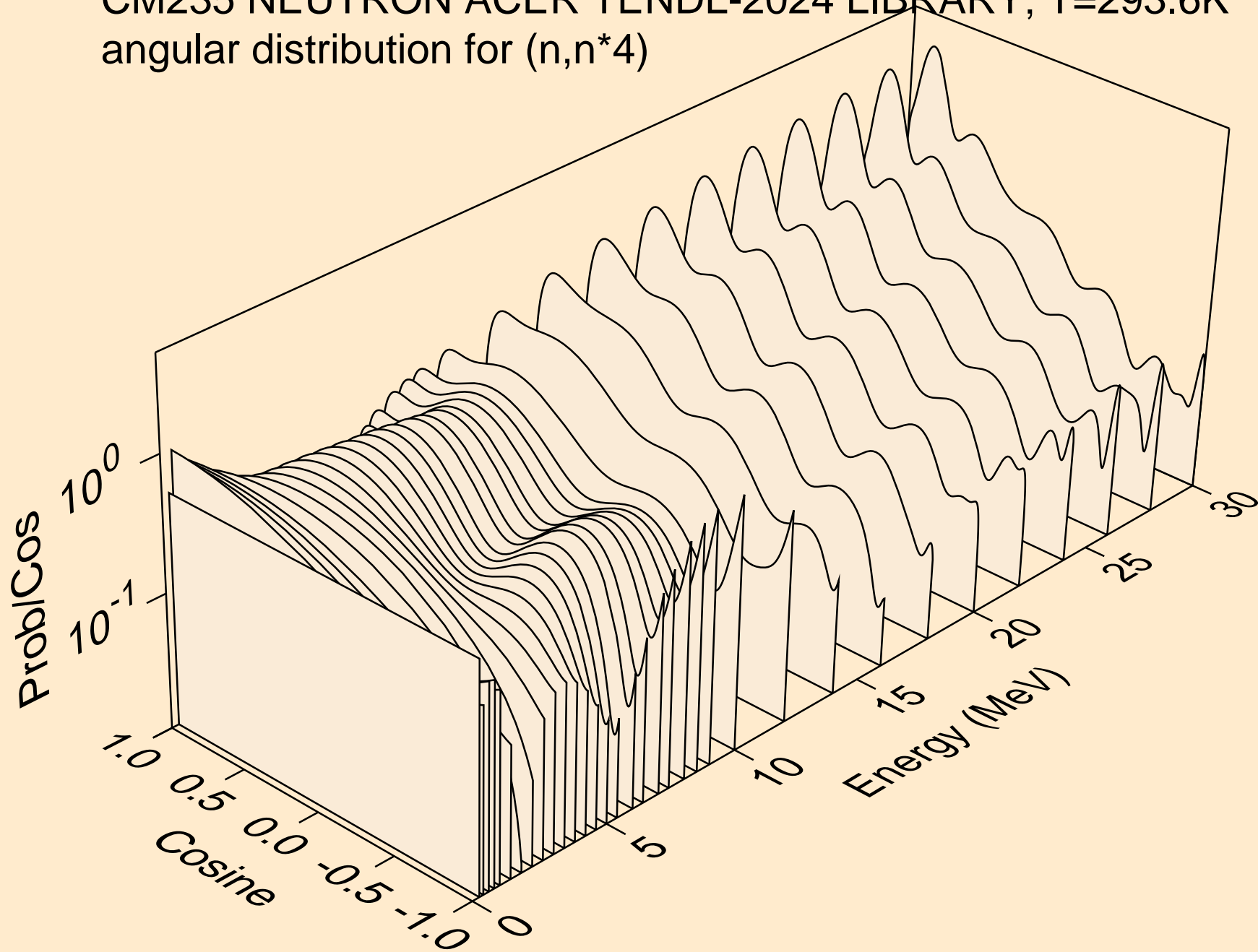
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



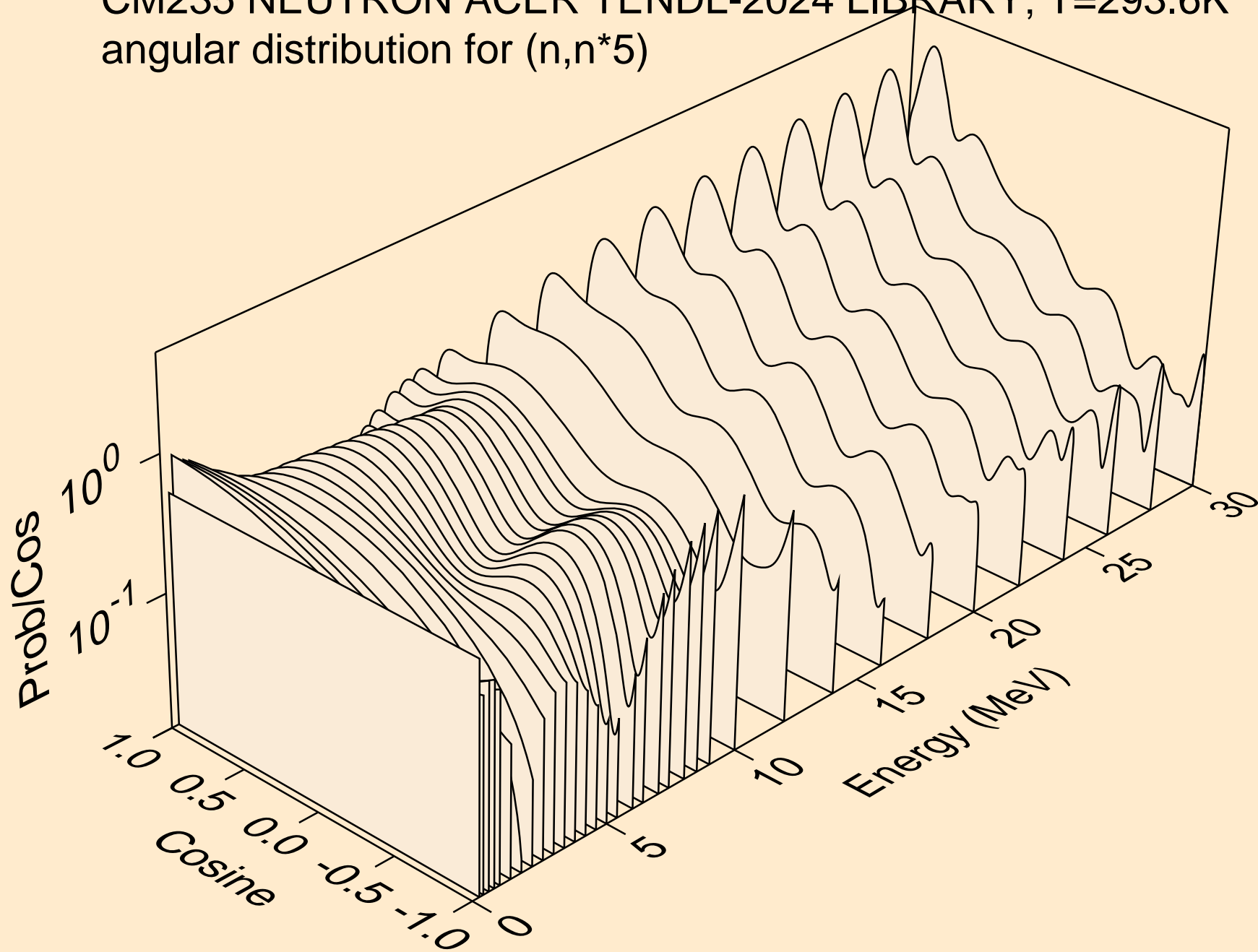
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



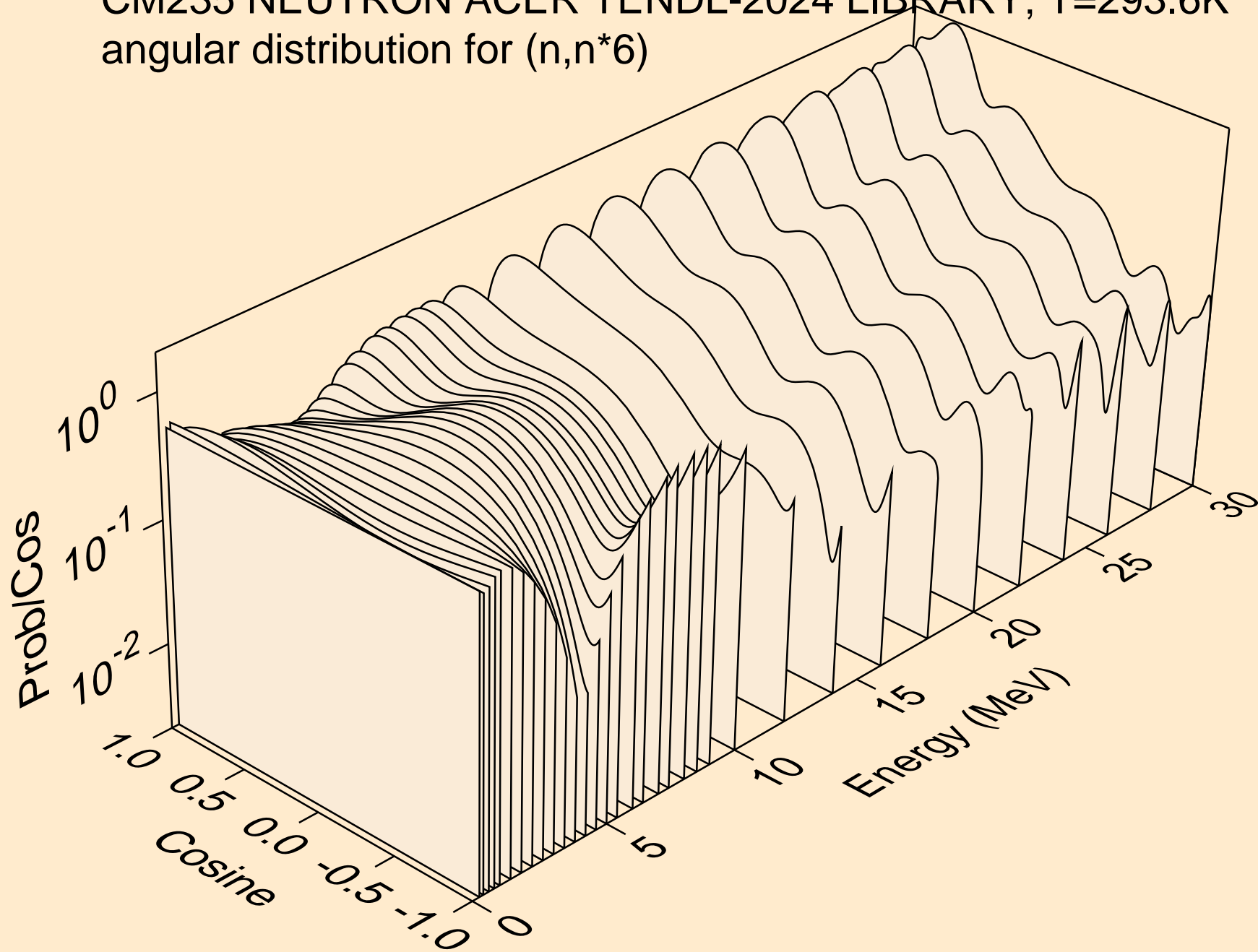
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*4)



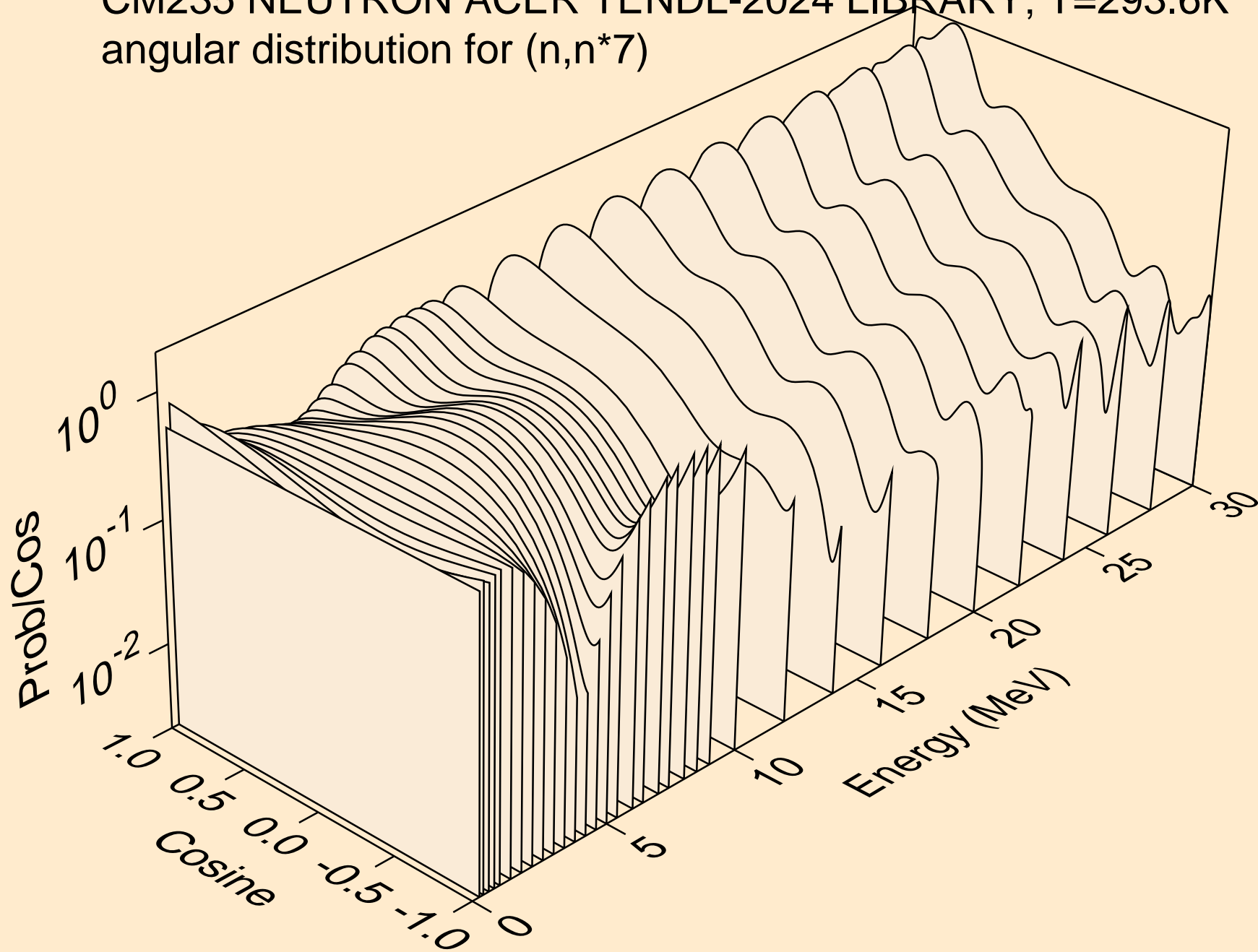
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*5)



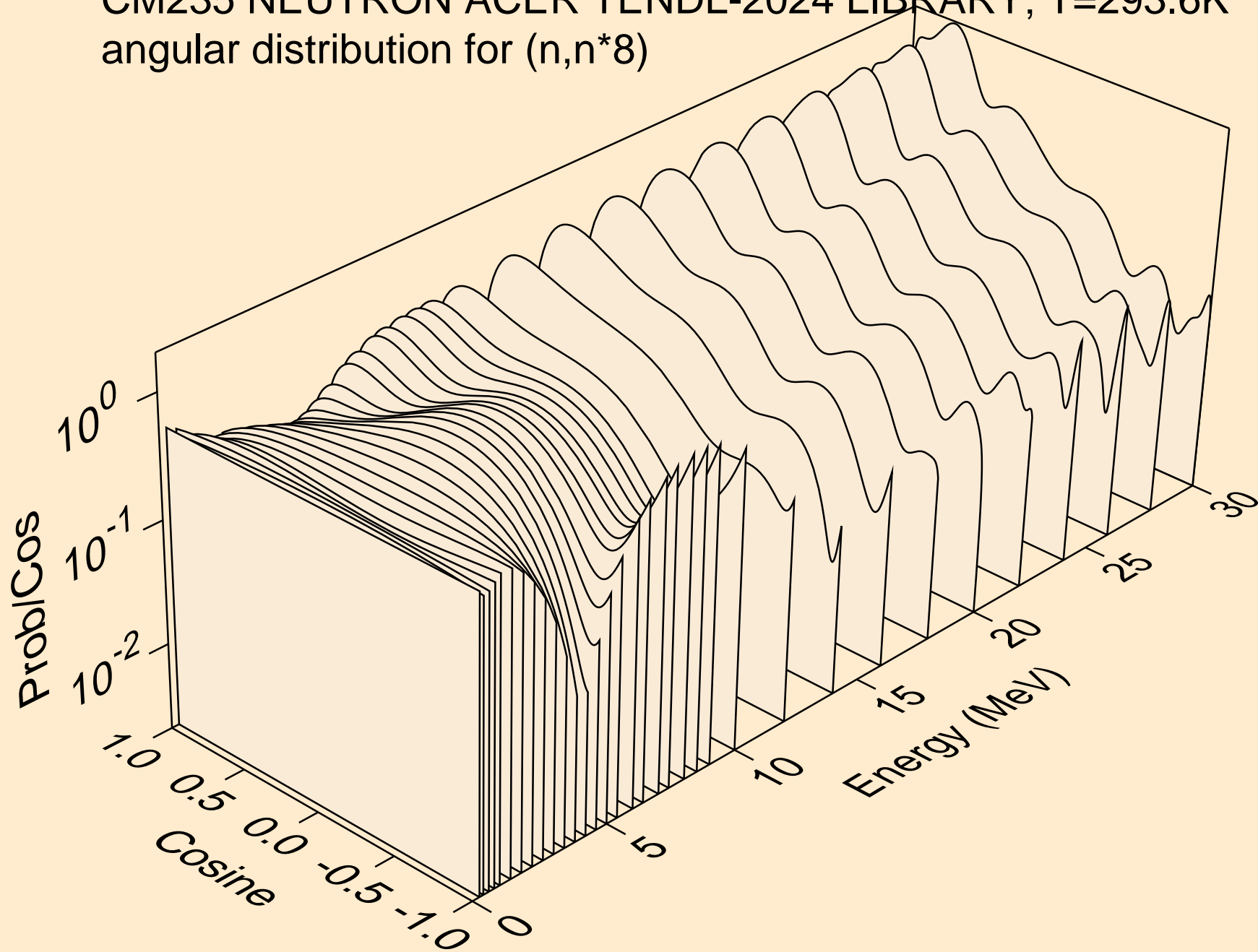
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*6)



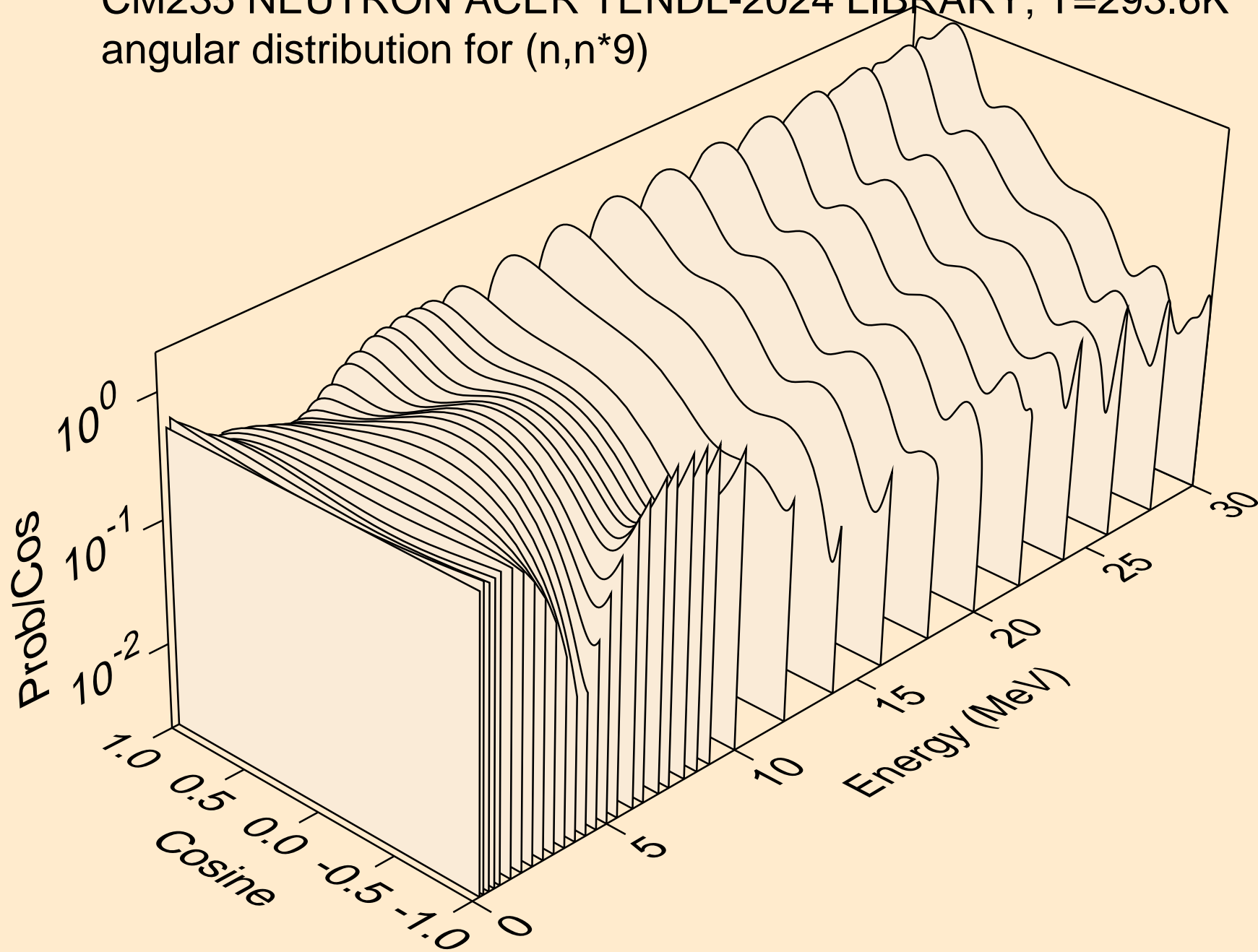
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angular distribution for (n,n\*7)



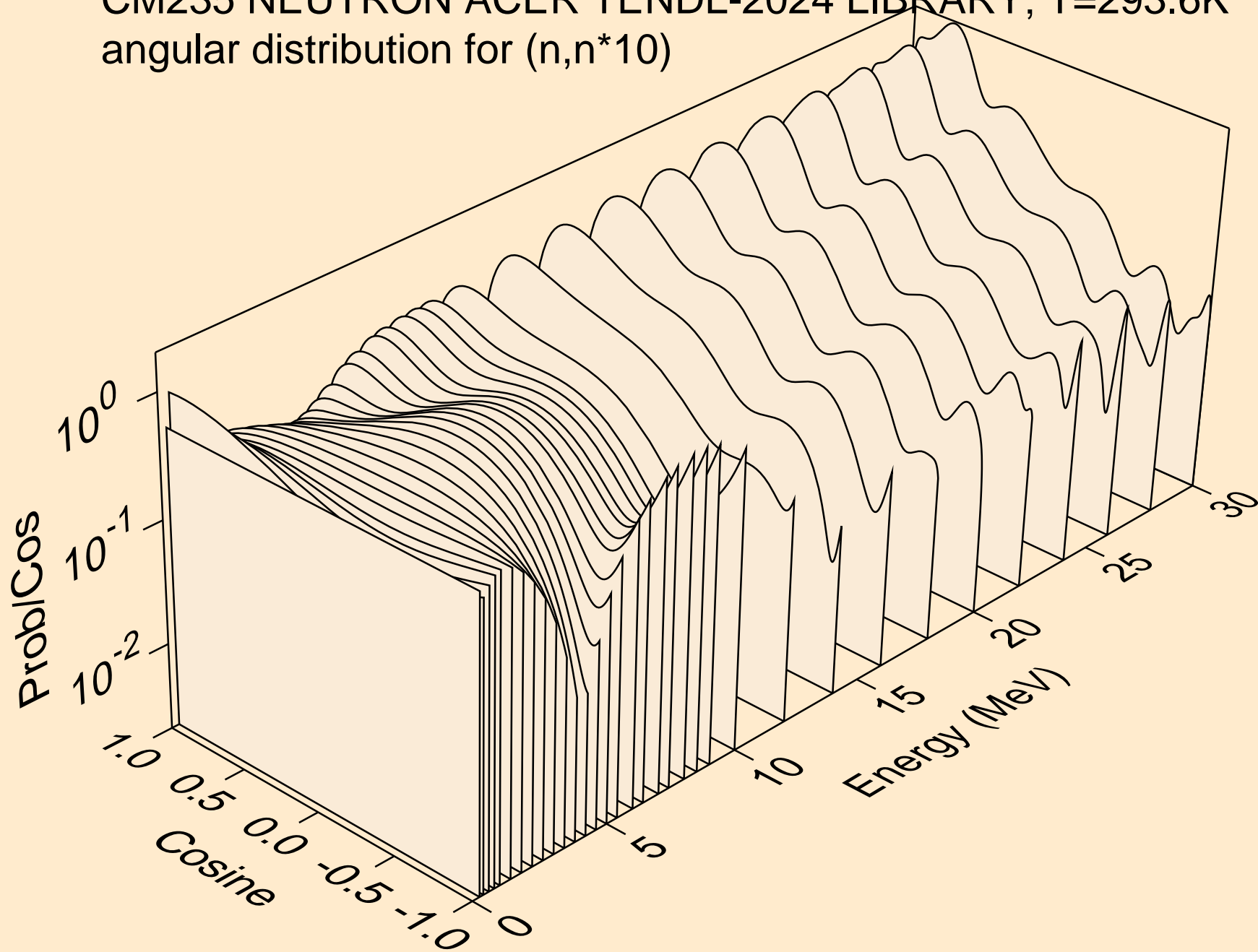
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angular distribution for (n,n\*8)



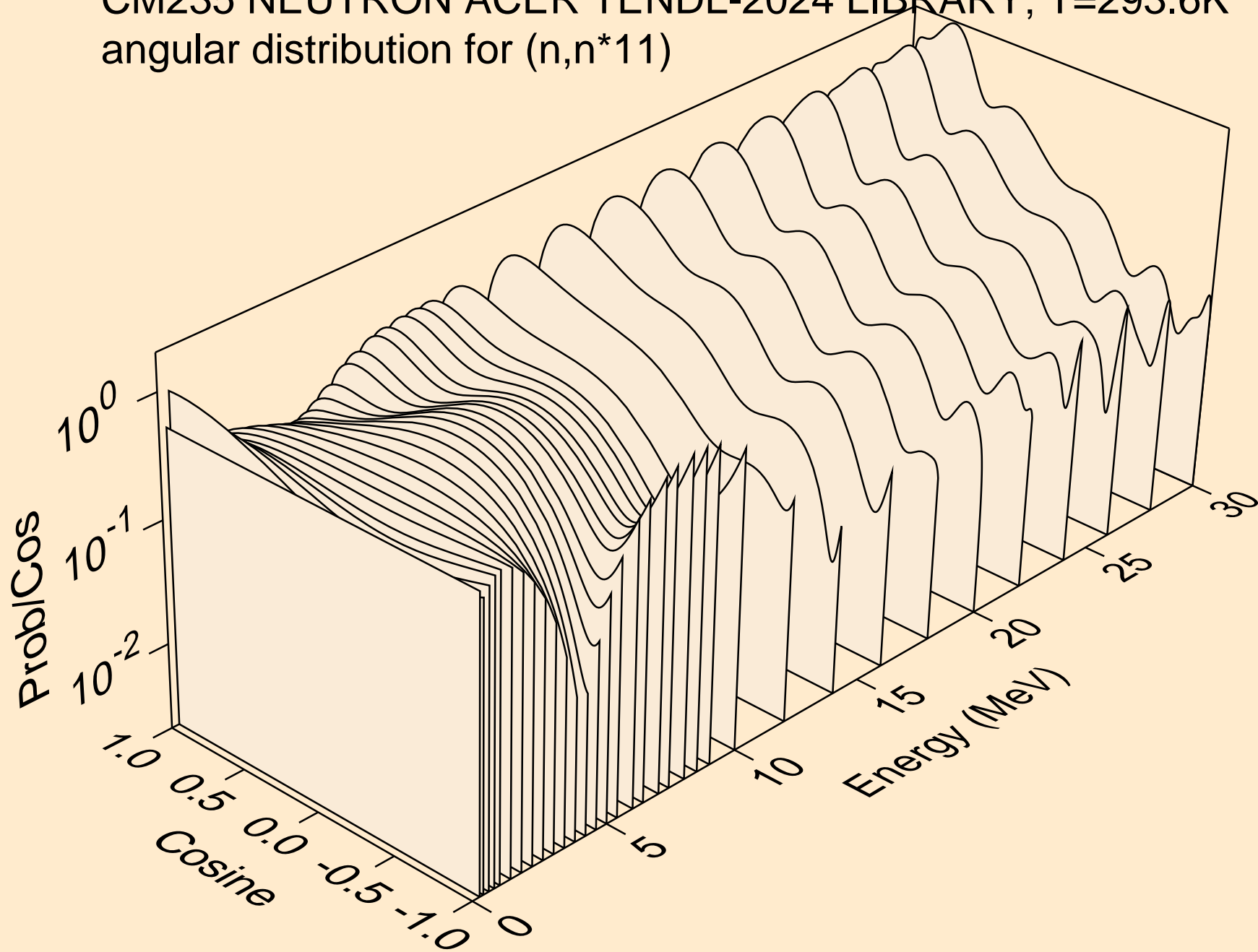
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angular distribution for (n,n\*9)



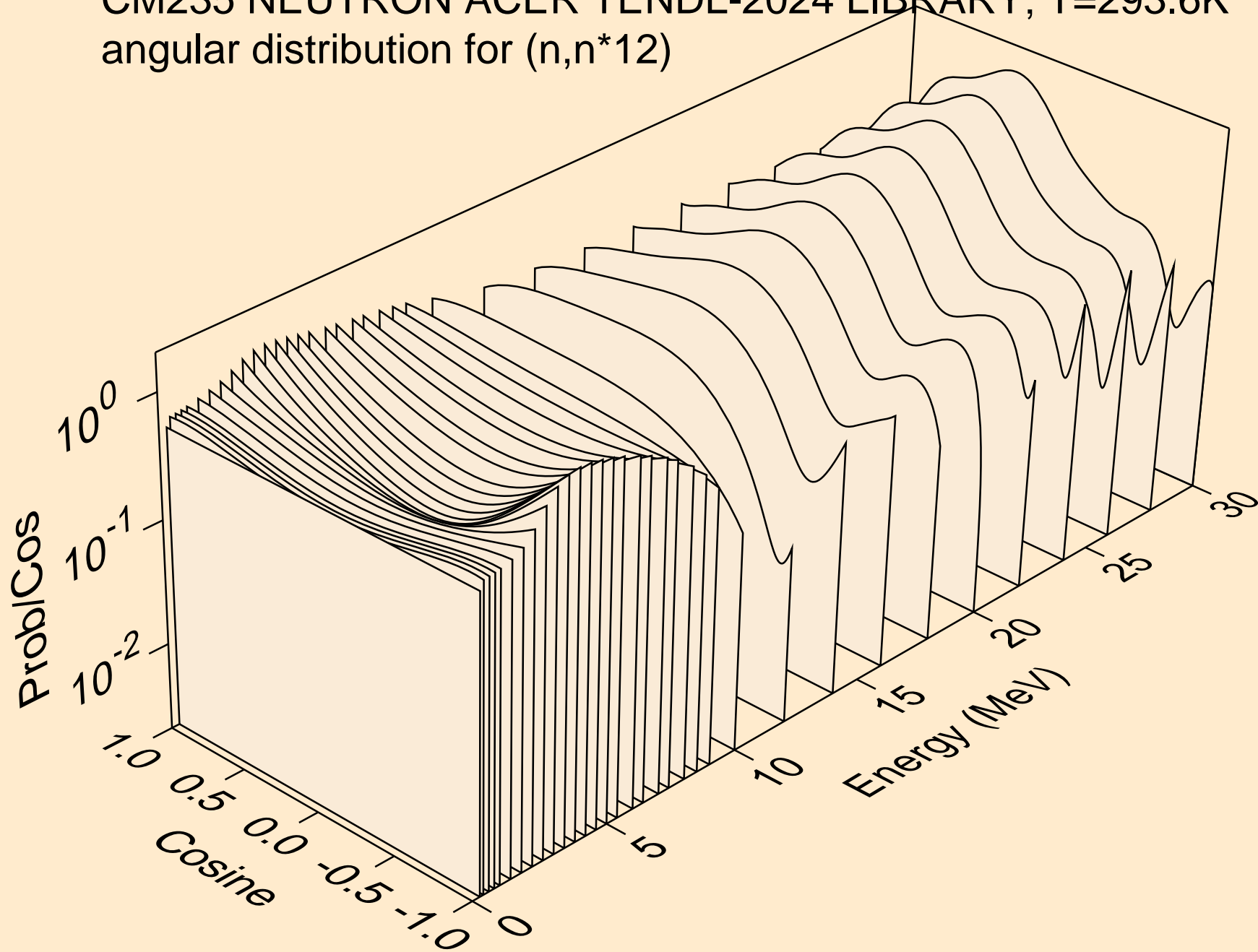
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angular distribution for (n,n\*10)



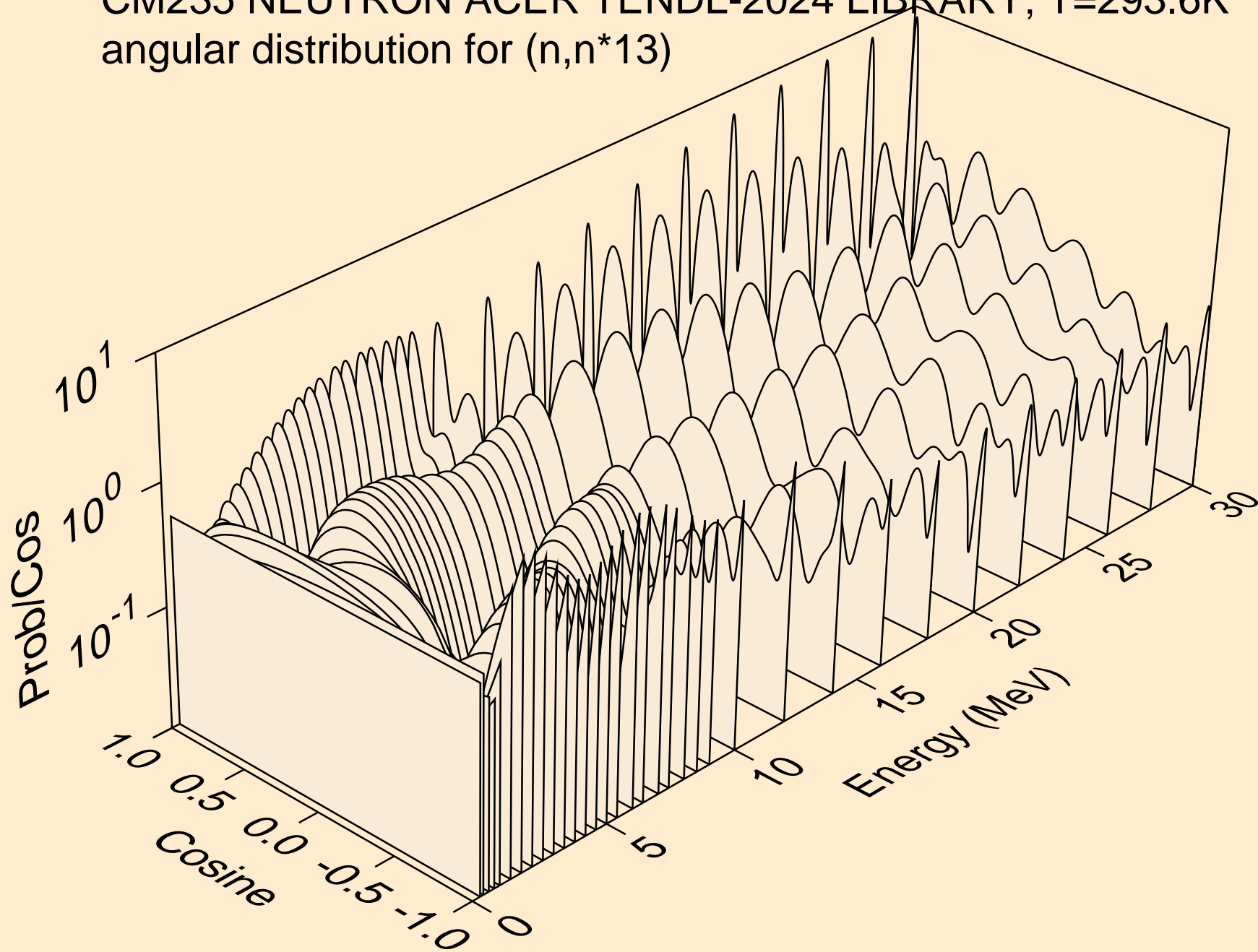
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*11)



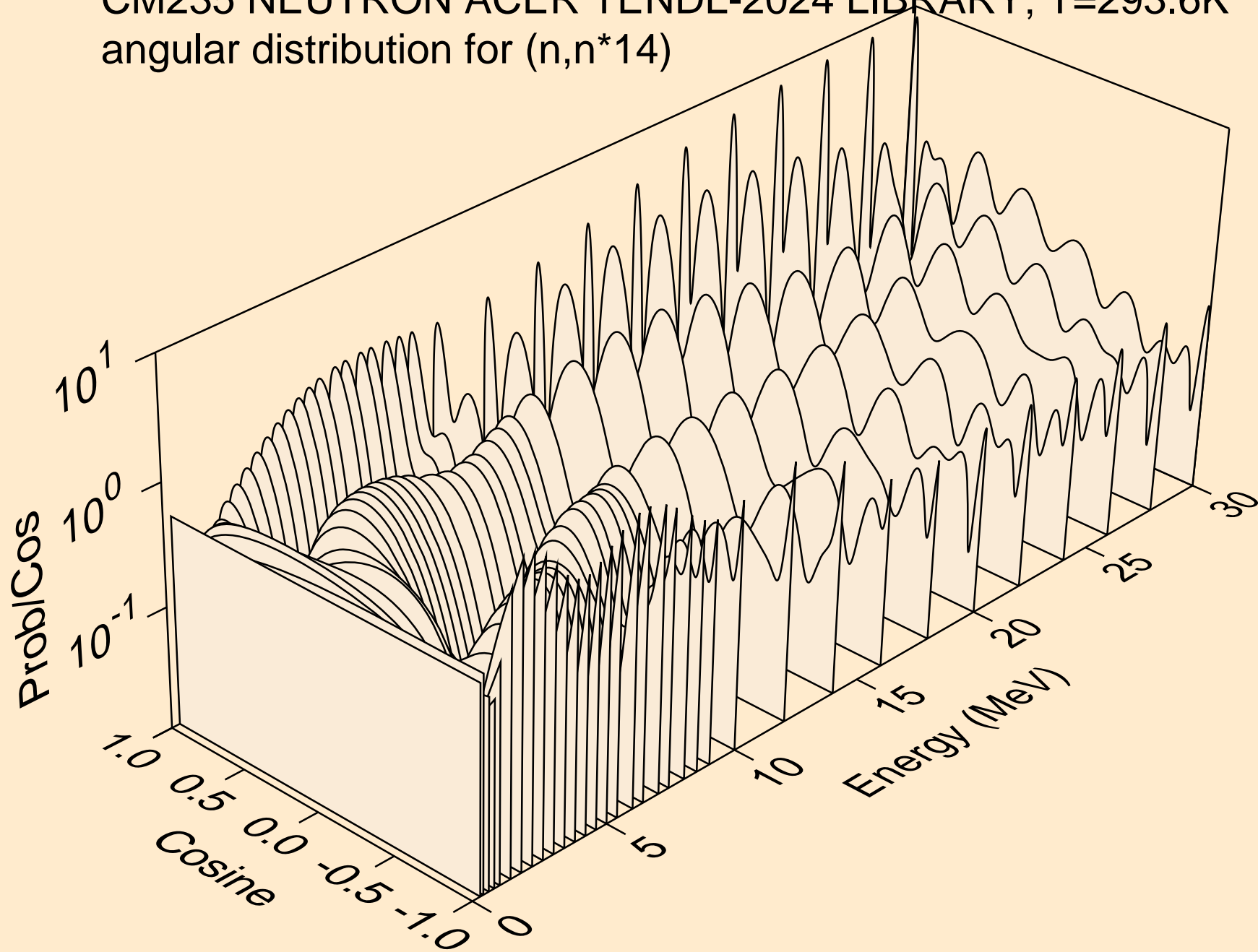
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angular distribution for (n,n\*12)



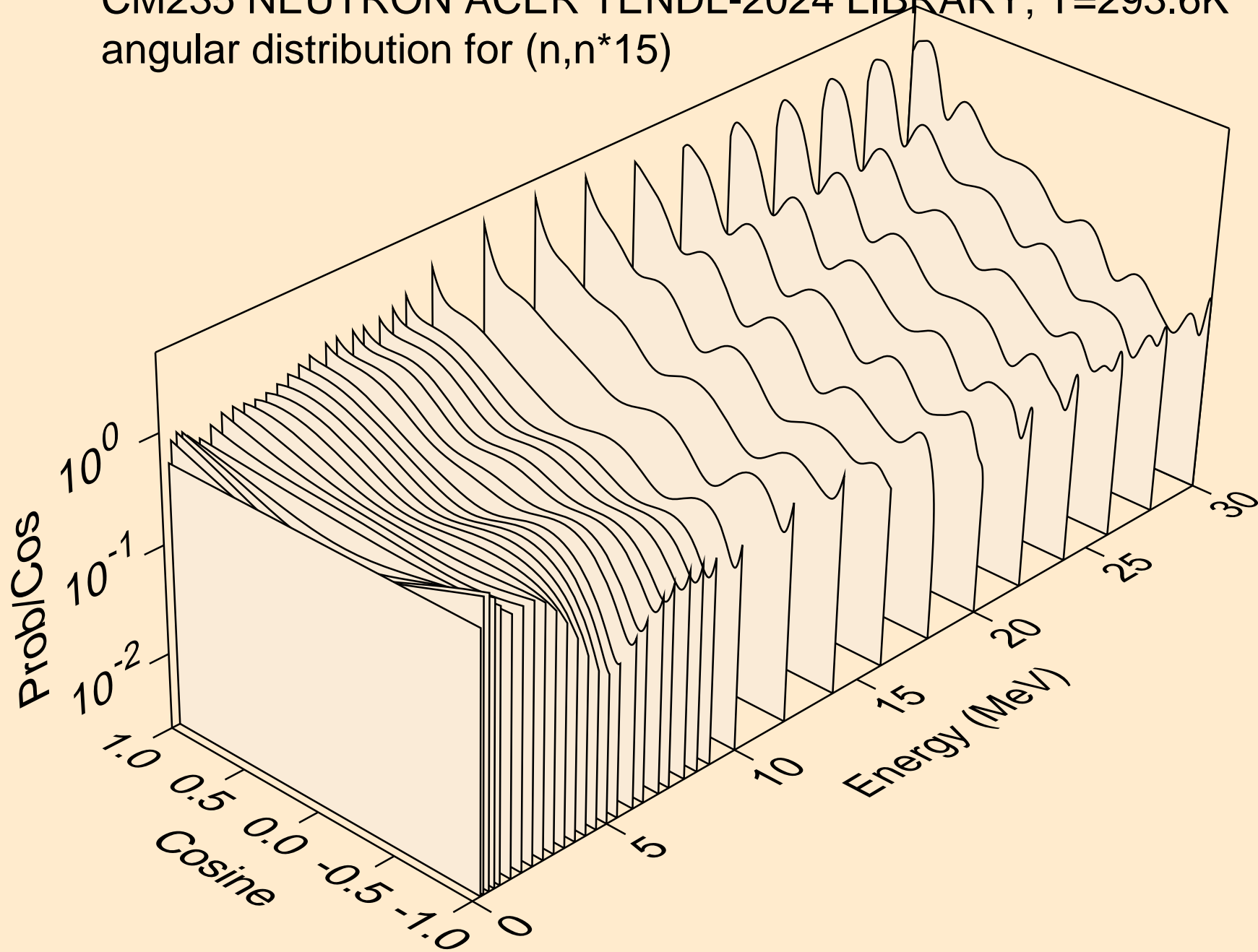
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angular distribution for (n,n\*13)



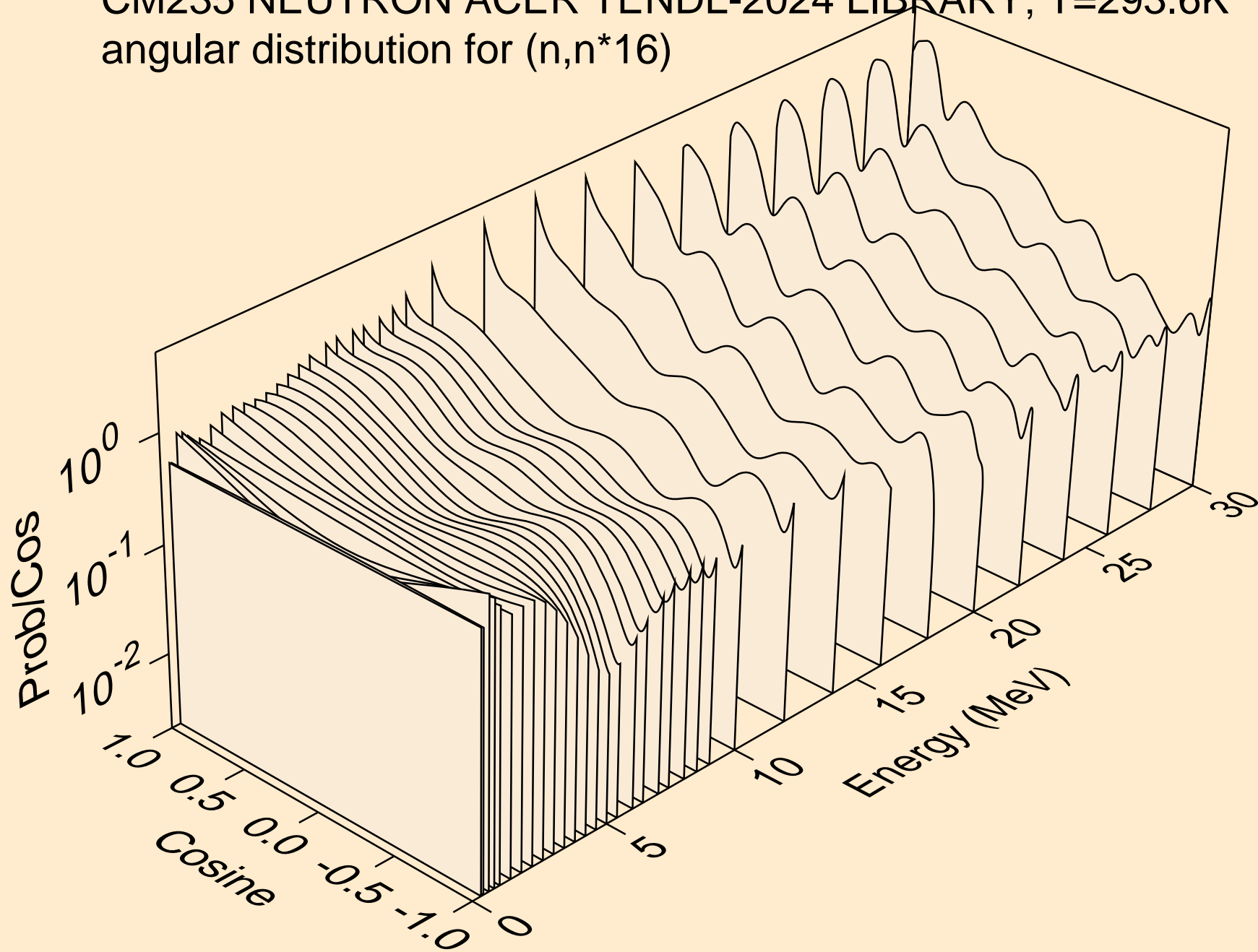
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angular distribution for (n,n\*14)



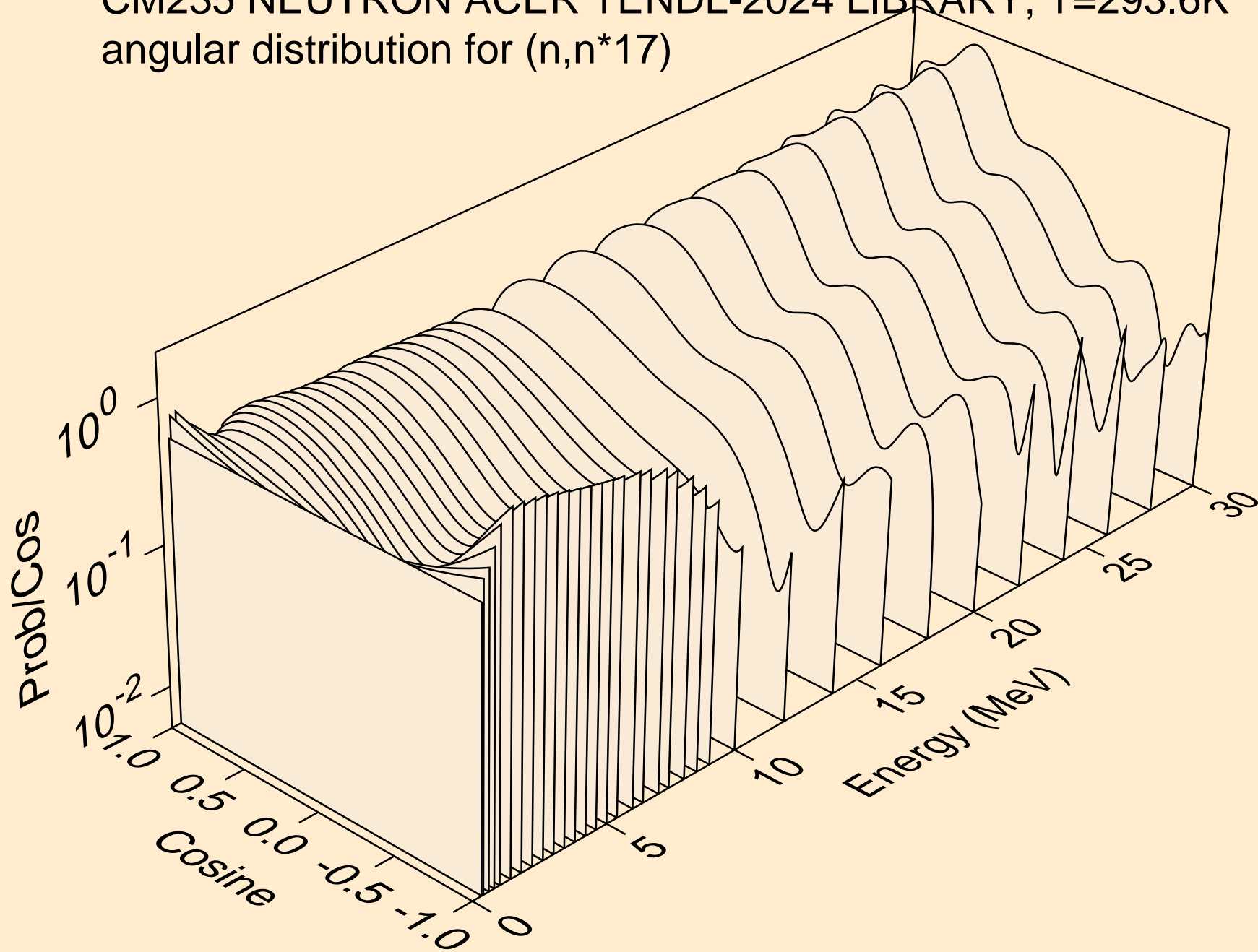
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angular distribution for (n,n\*15)



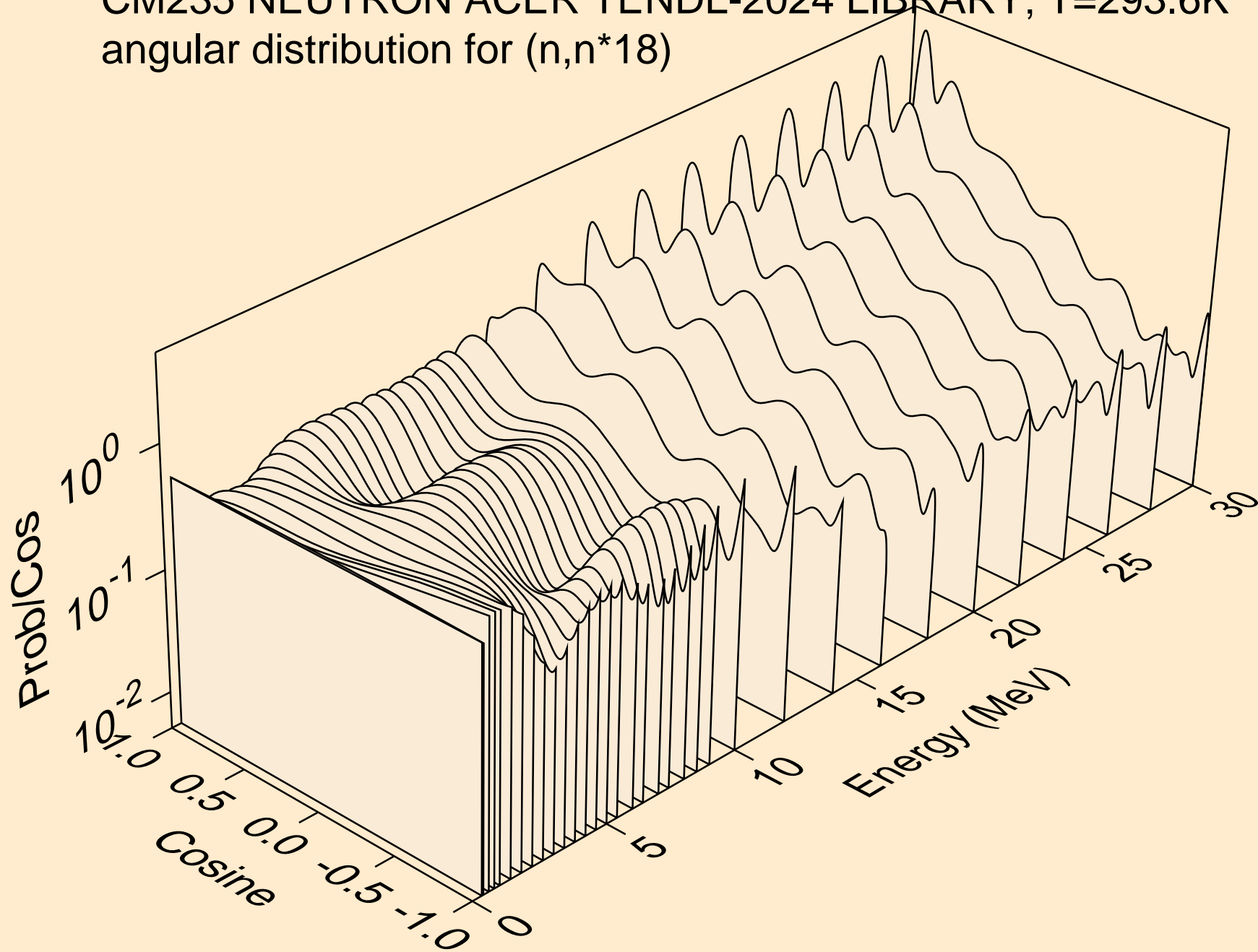
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angular distribution for (n,n\*16)



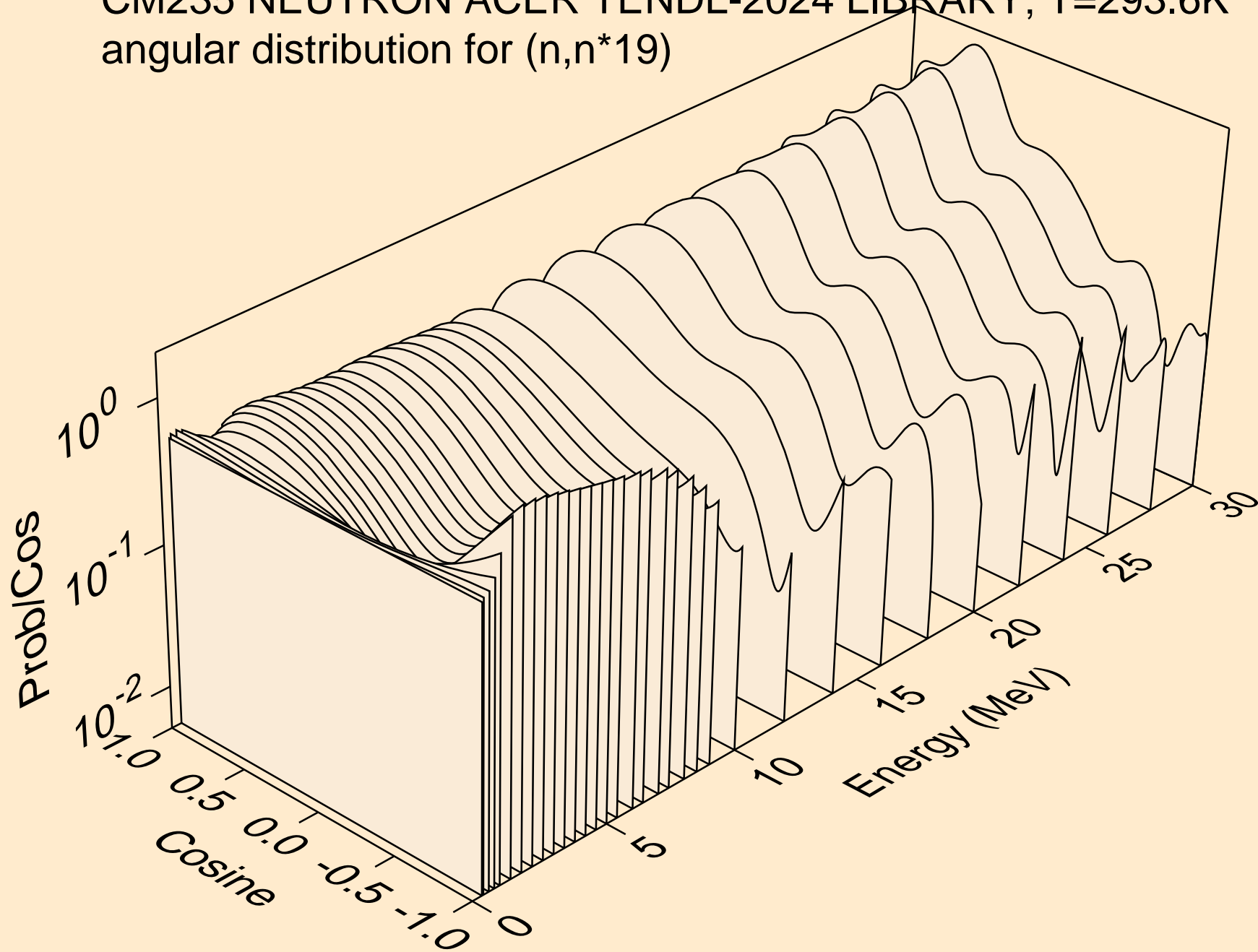
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angular distribution for (n,n\*17)



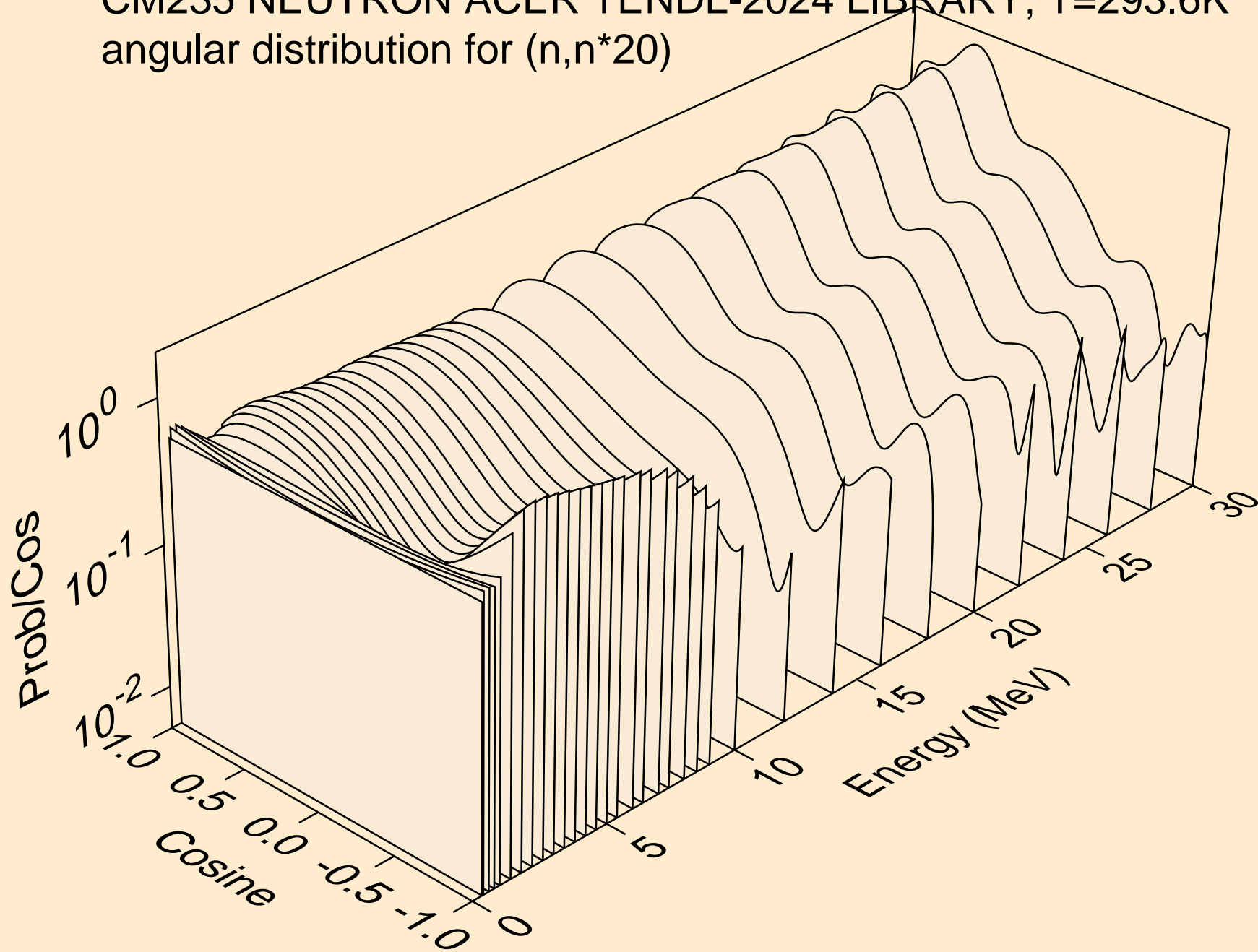
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angular distribution for (n,n\*18)



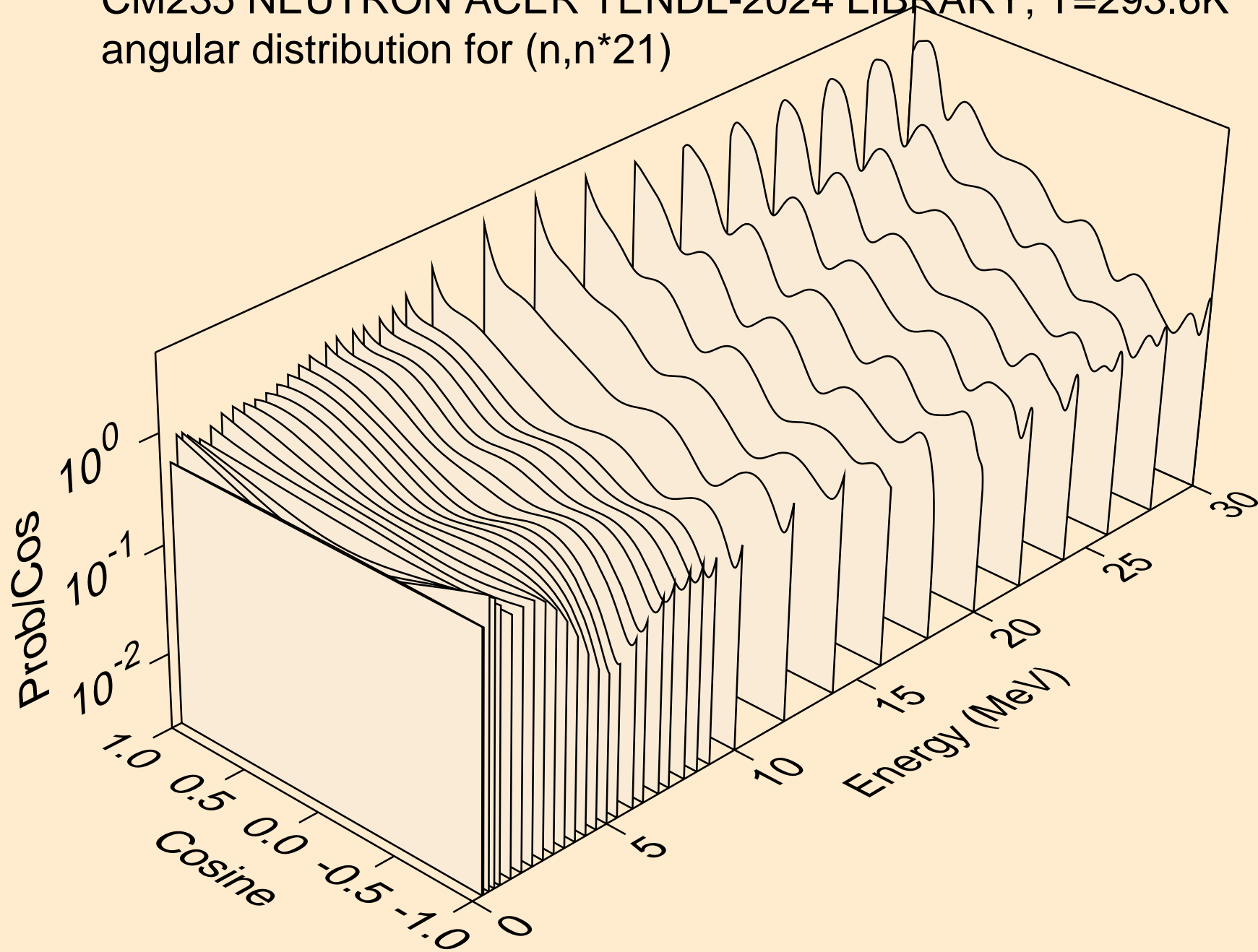
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angular distribution for (n,n\*19)



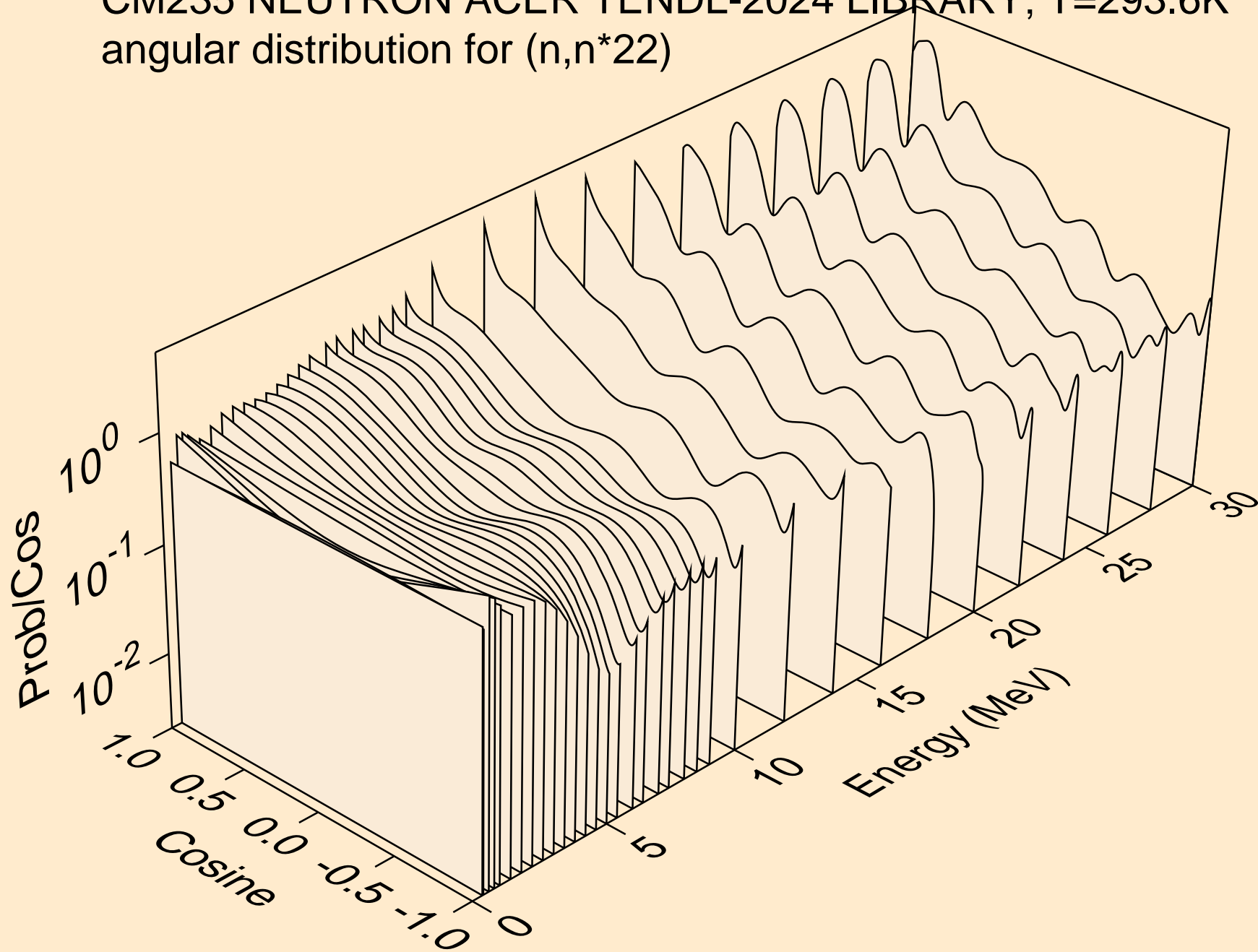
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angular distribution for (n,n\*20)



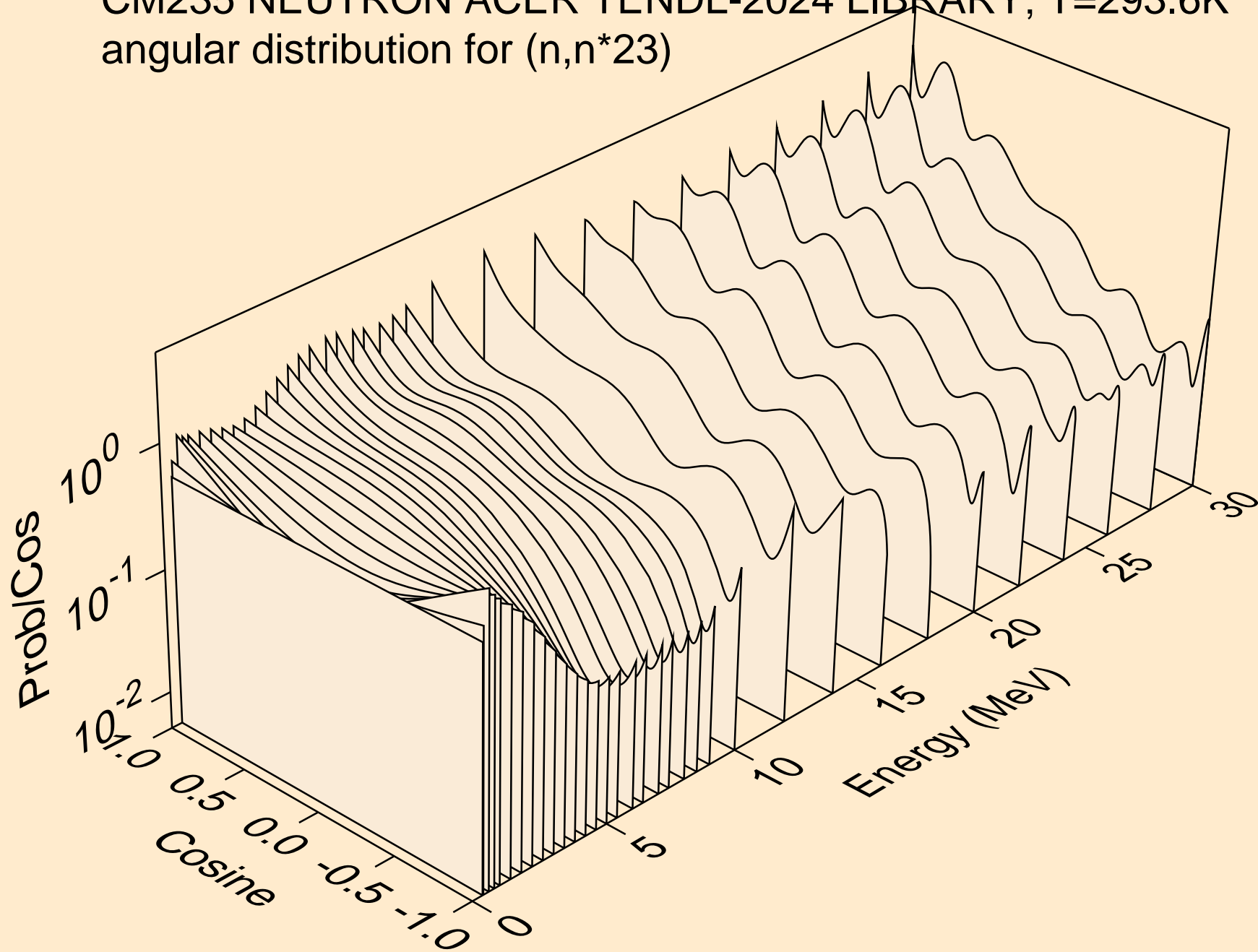
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angular distribution for (n,n\*21)



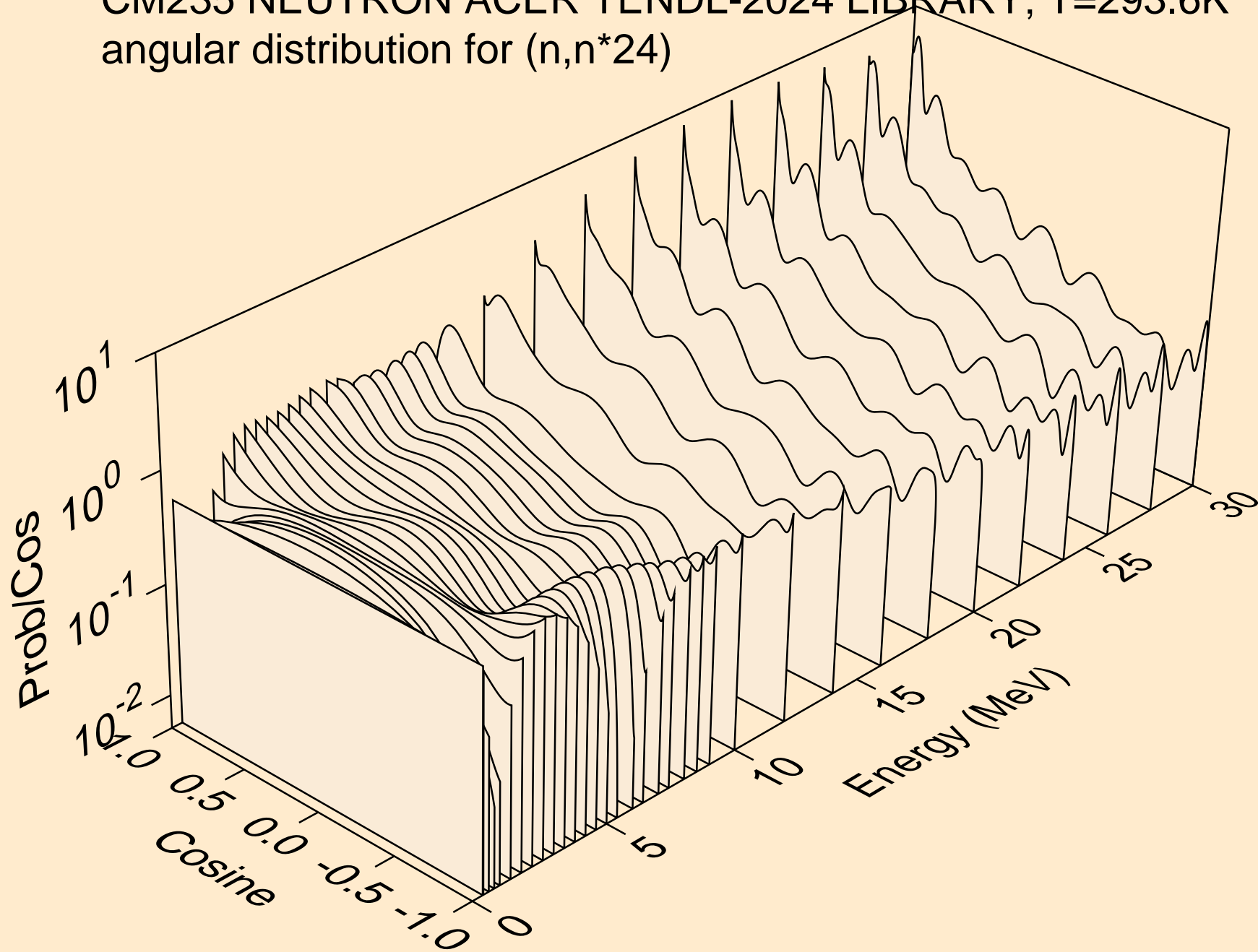
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angular distribution for (n,n\*22)



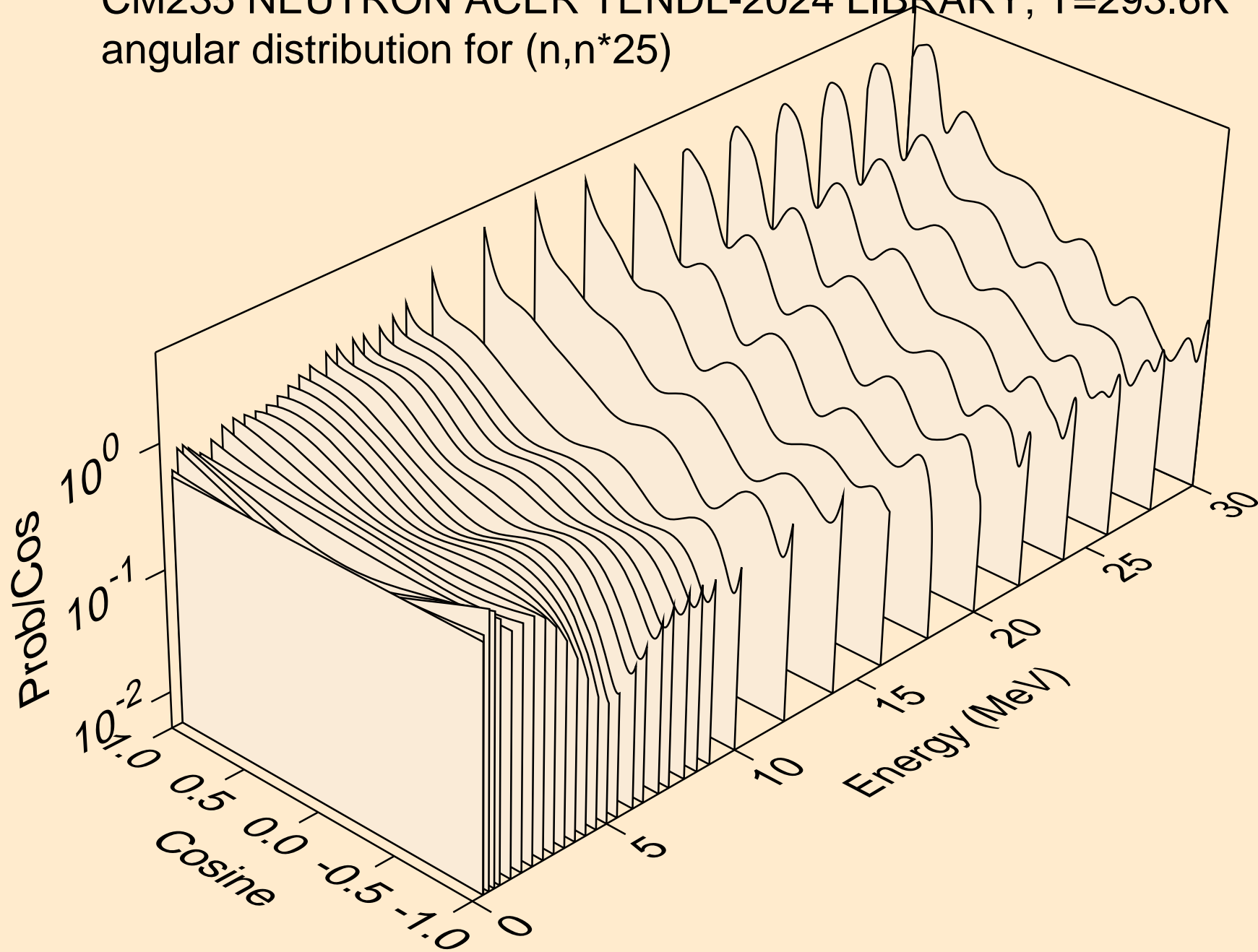
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angular distribution for (n,n\*23)



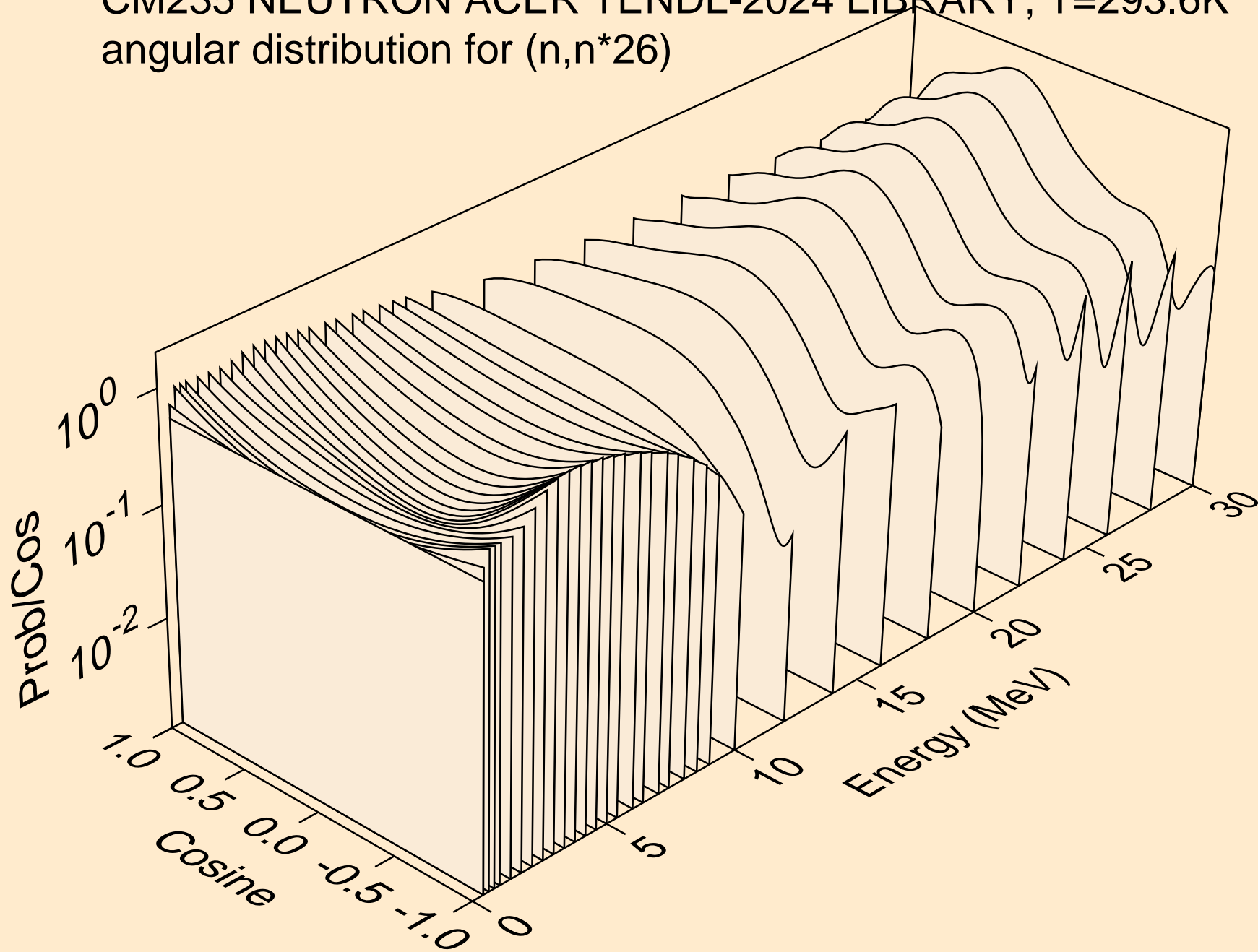
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angular distribution for (n,n\*24)



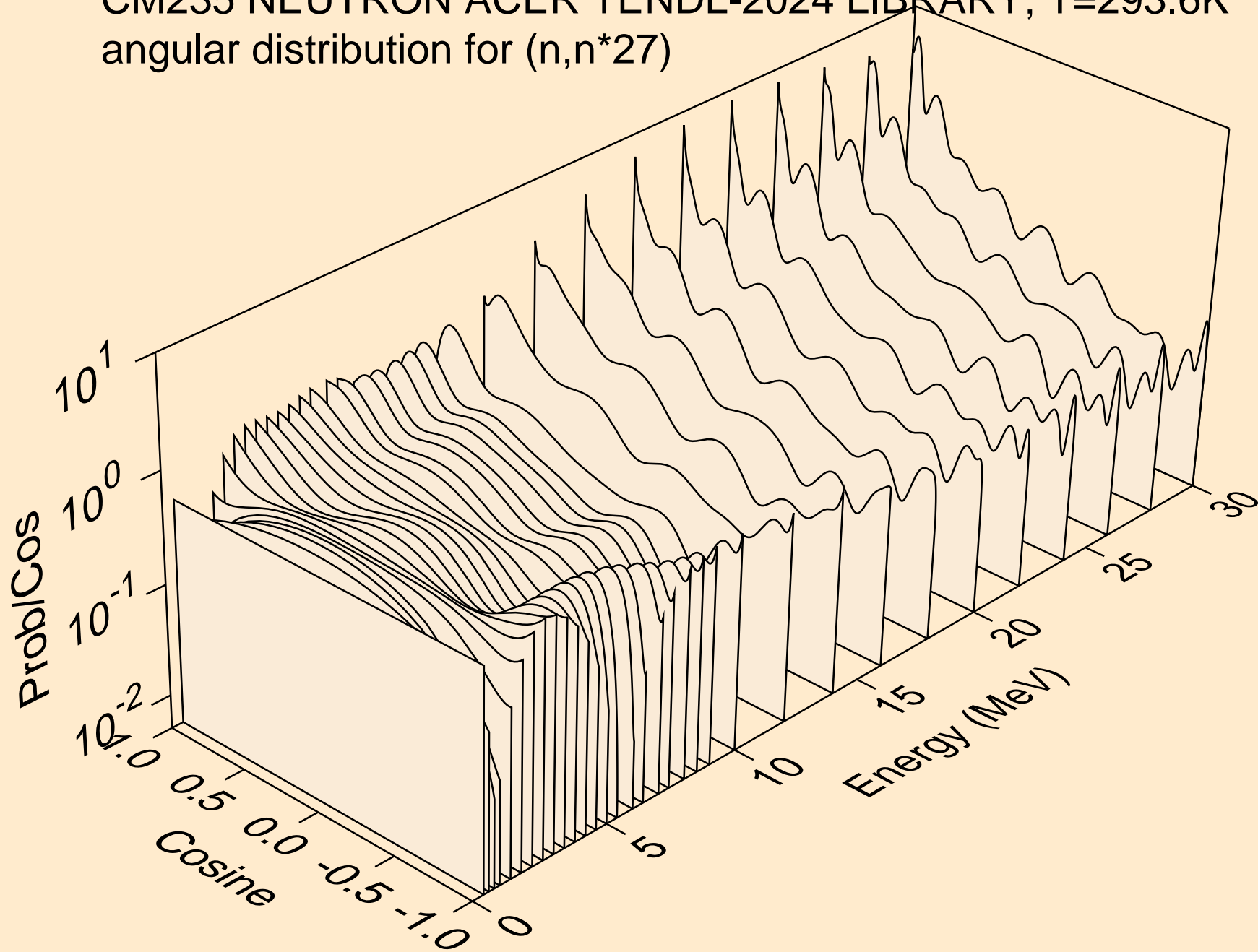
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*25)



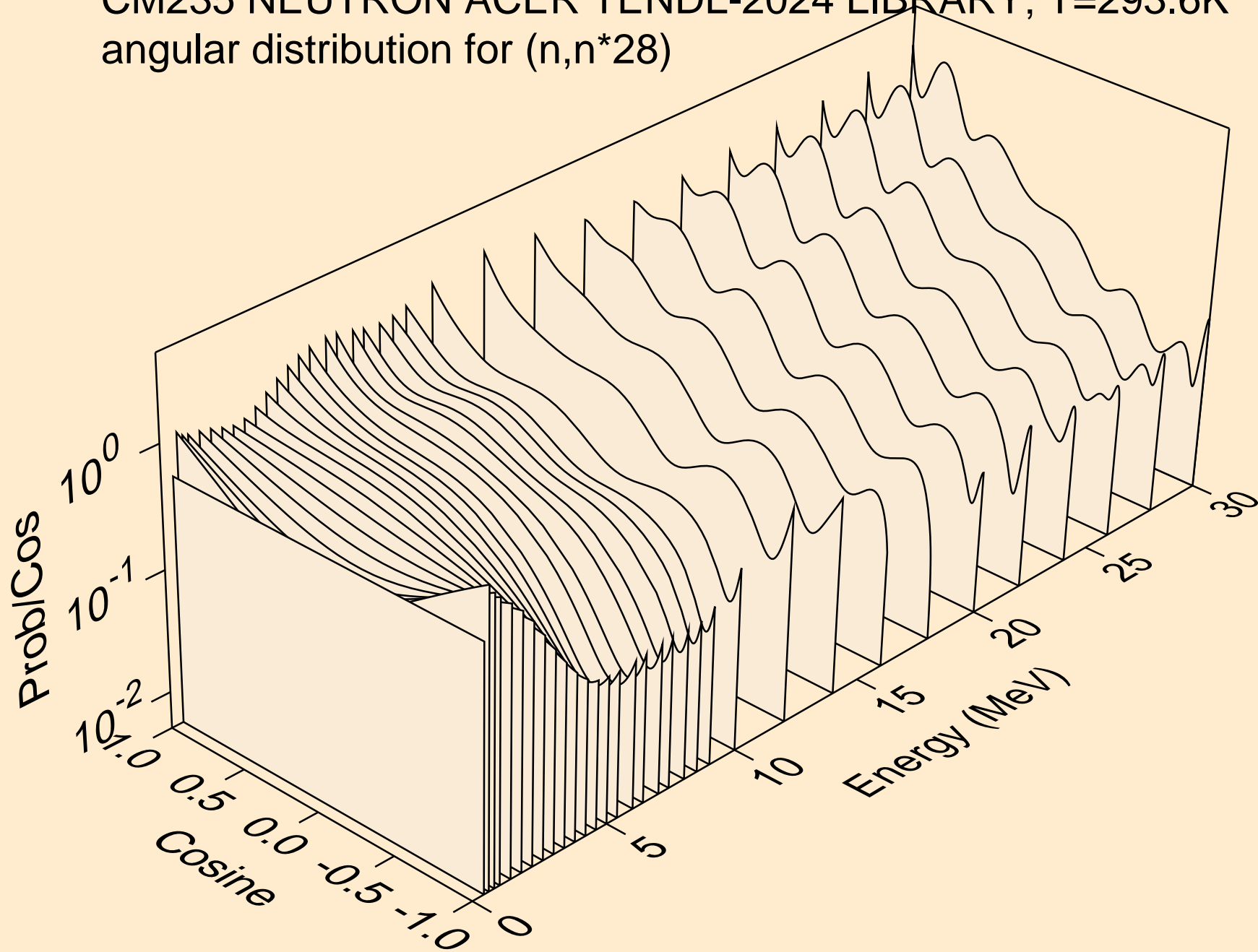
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*26)



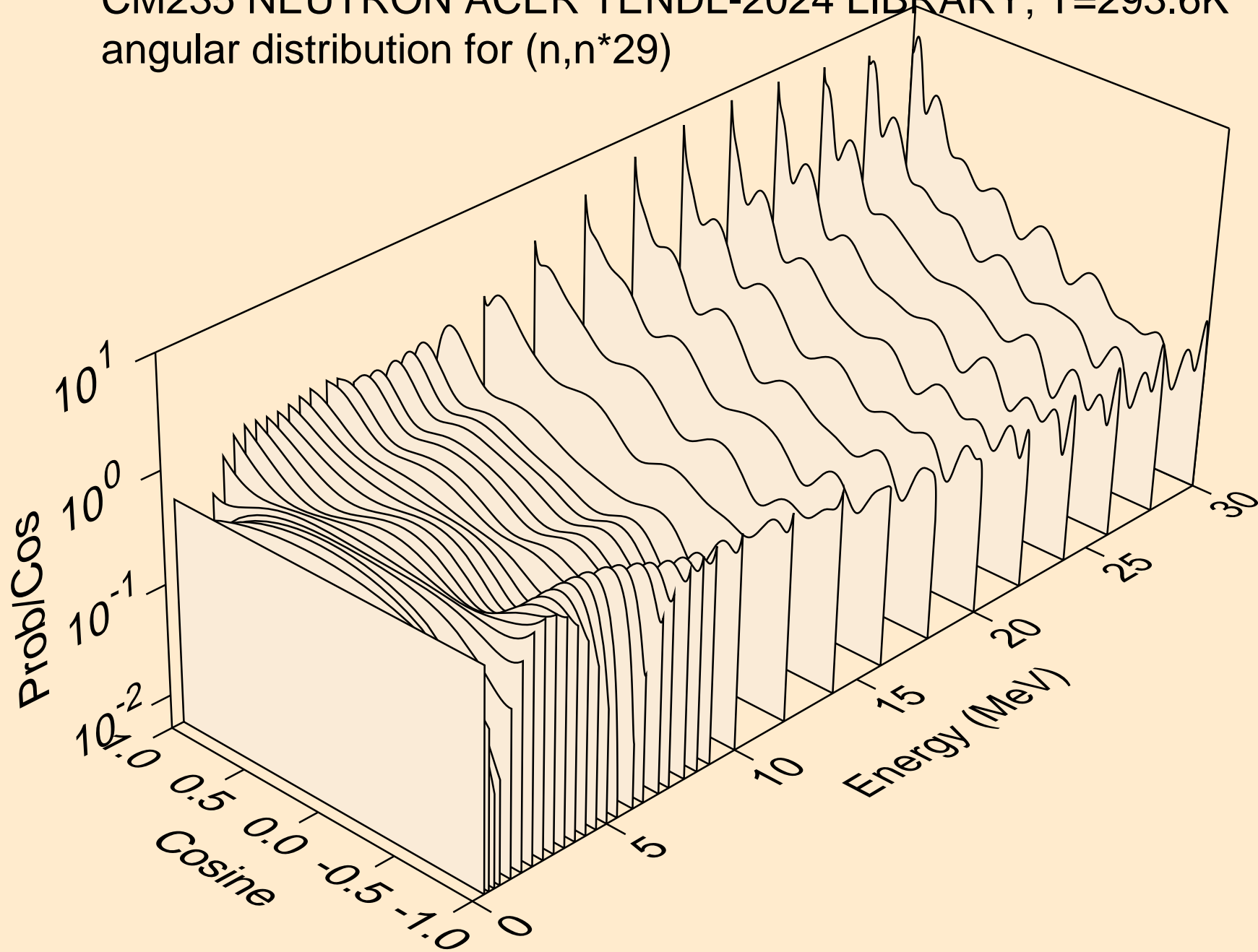
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*27)



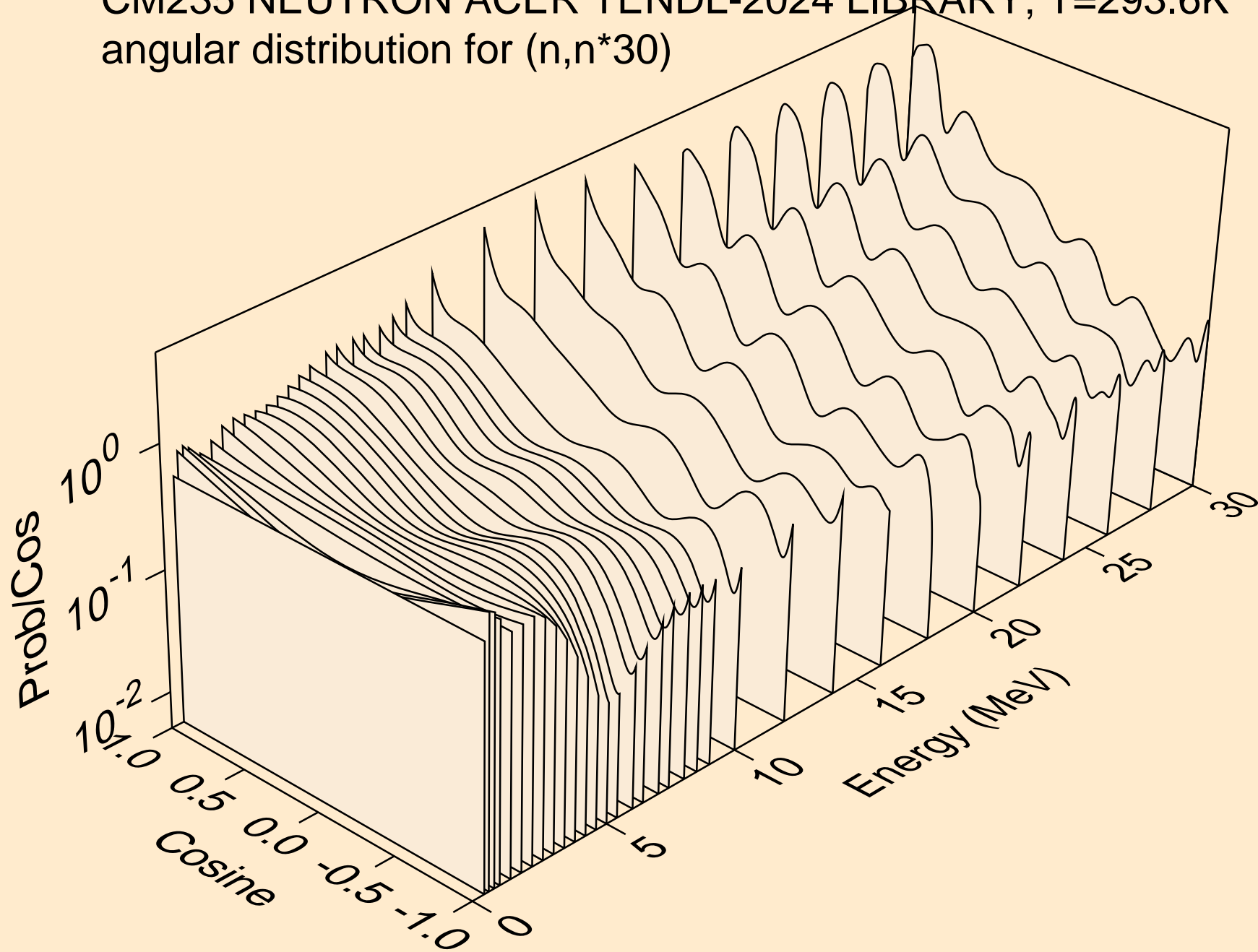
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*28)



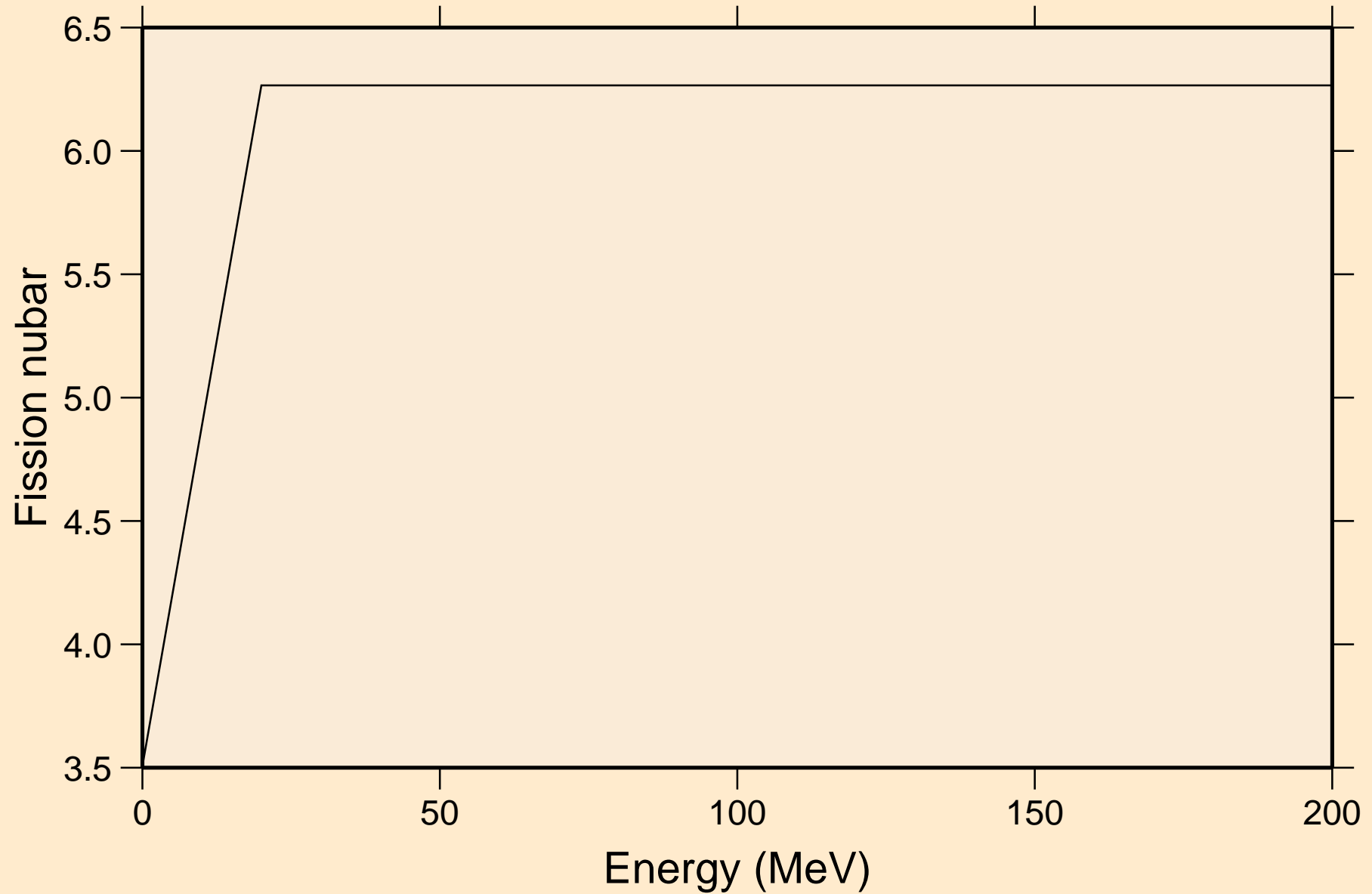
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angular distribution for (n,n\*29)



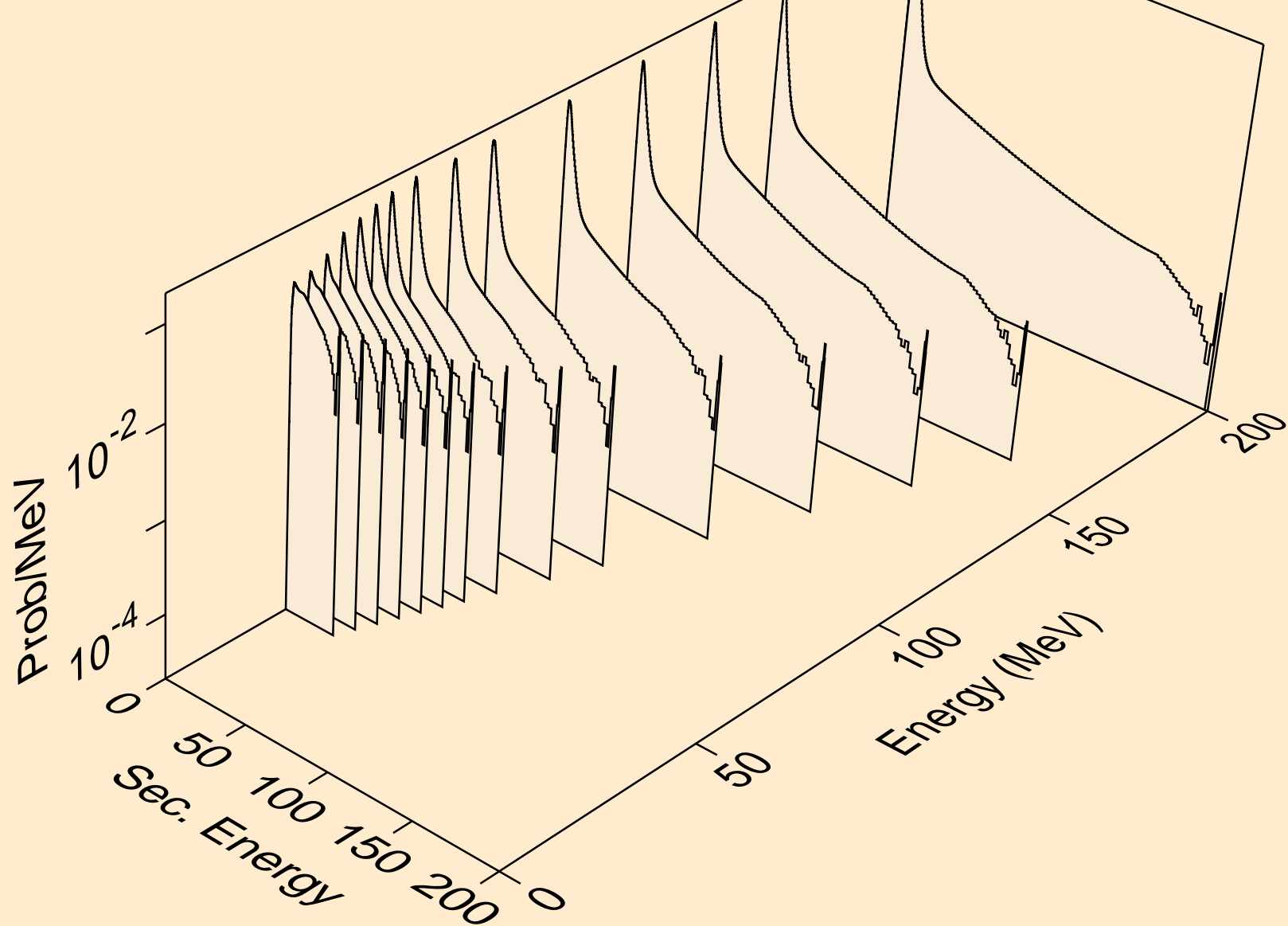
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angular distribution for (n,n\*30)



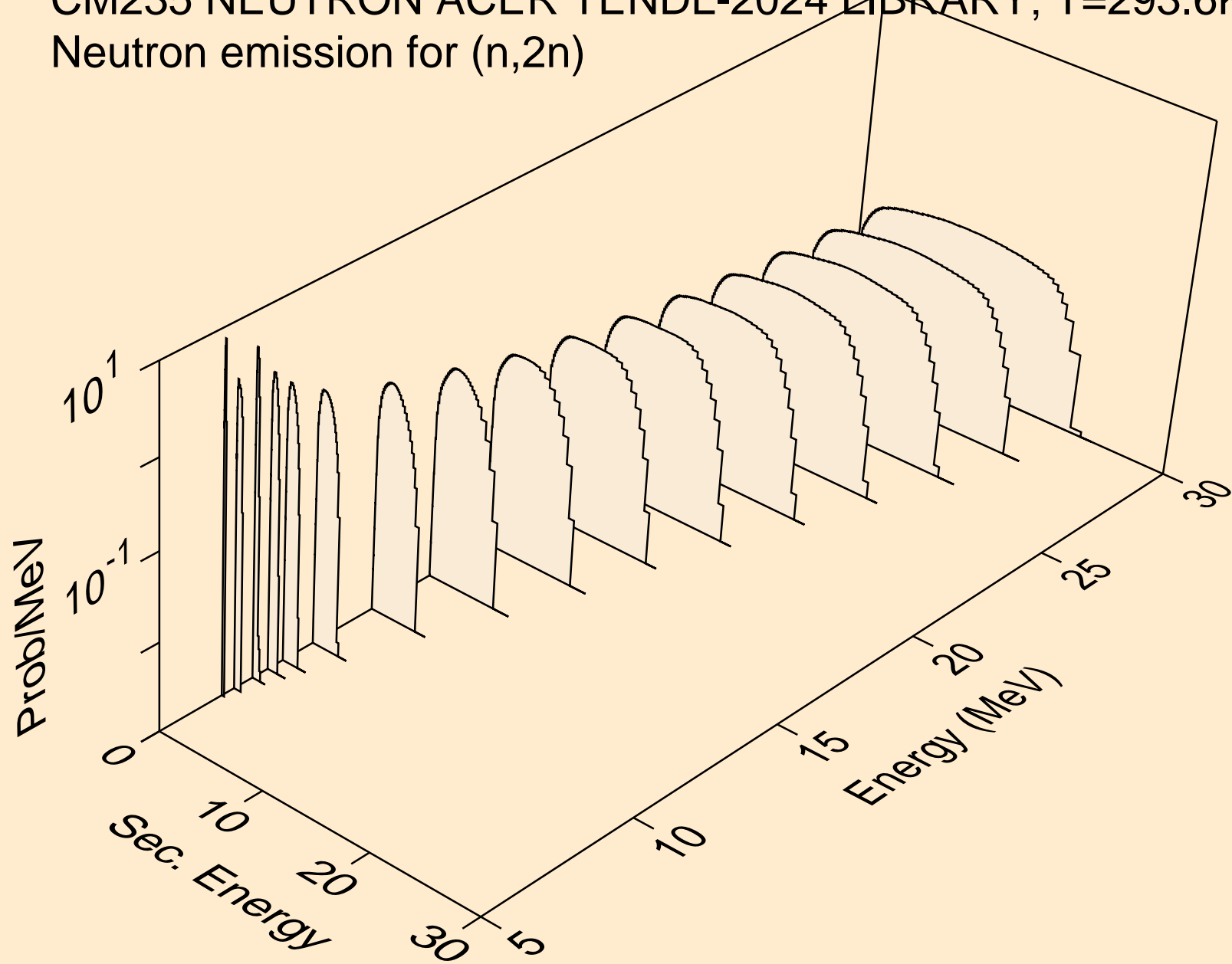
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Total fission nubar



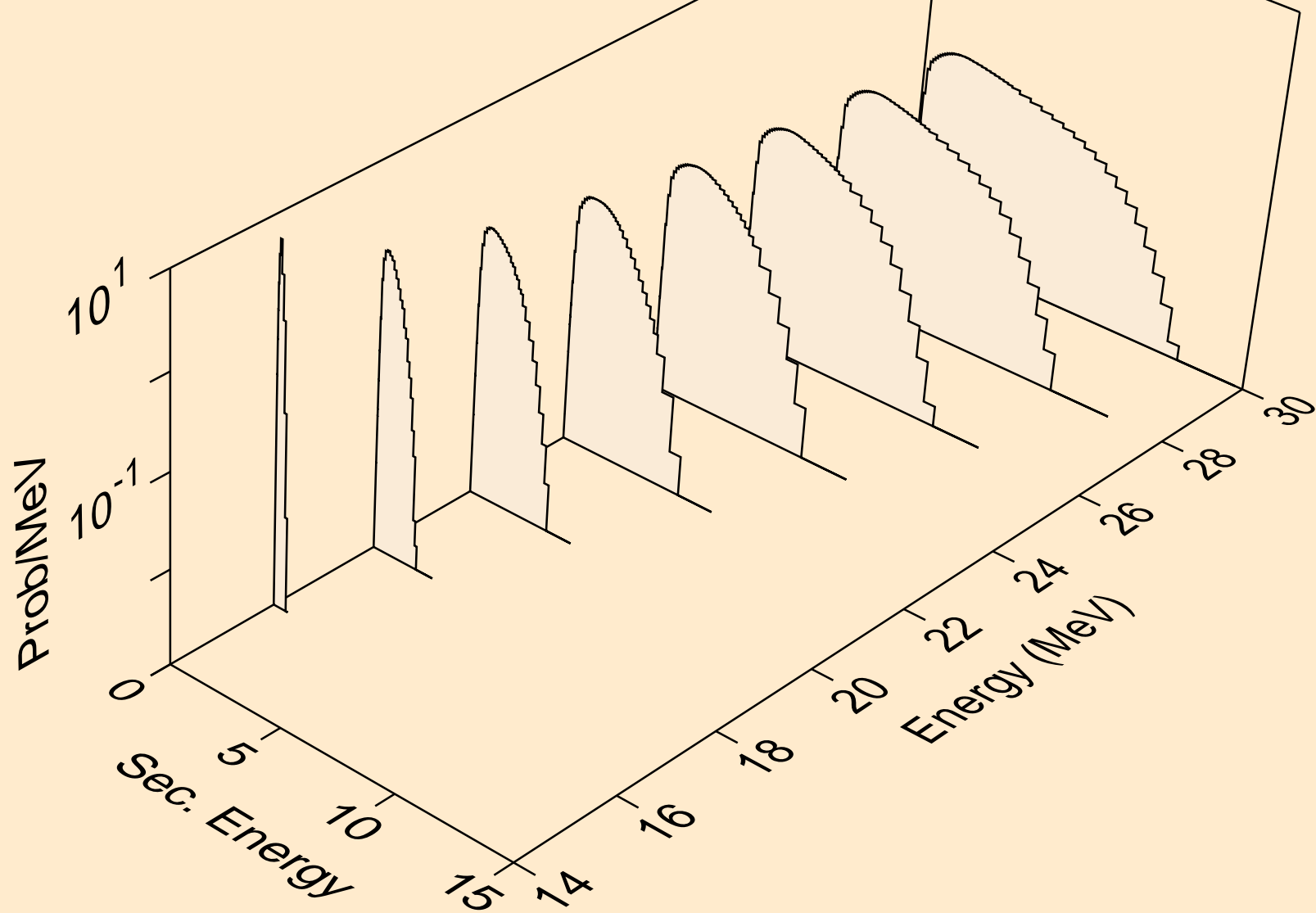
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



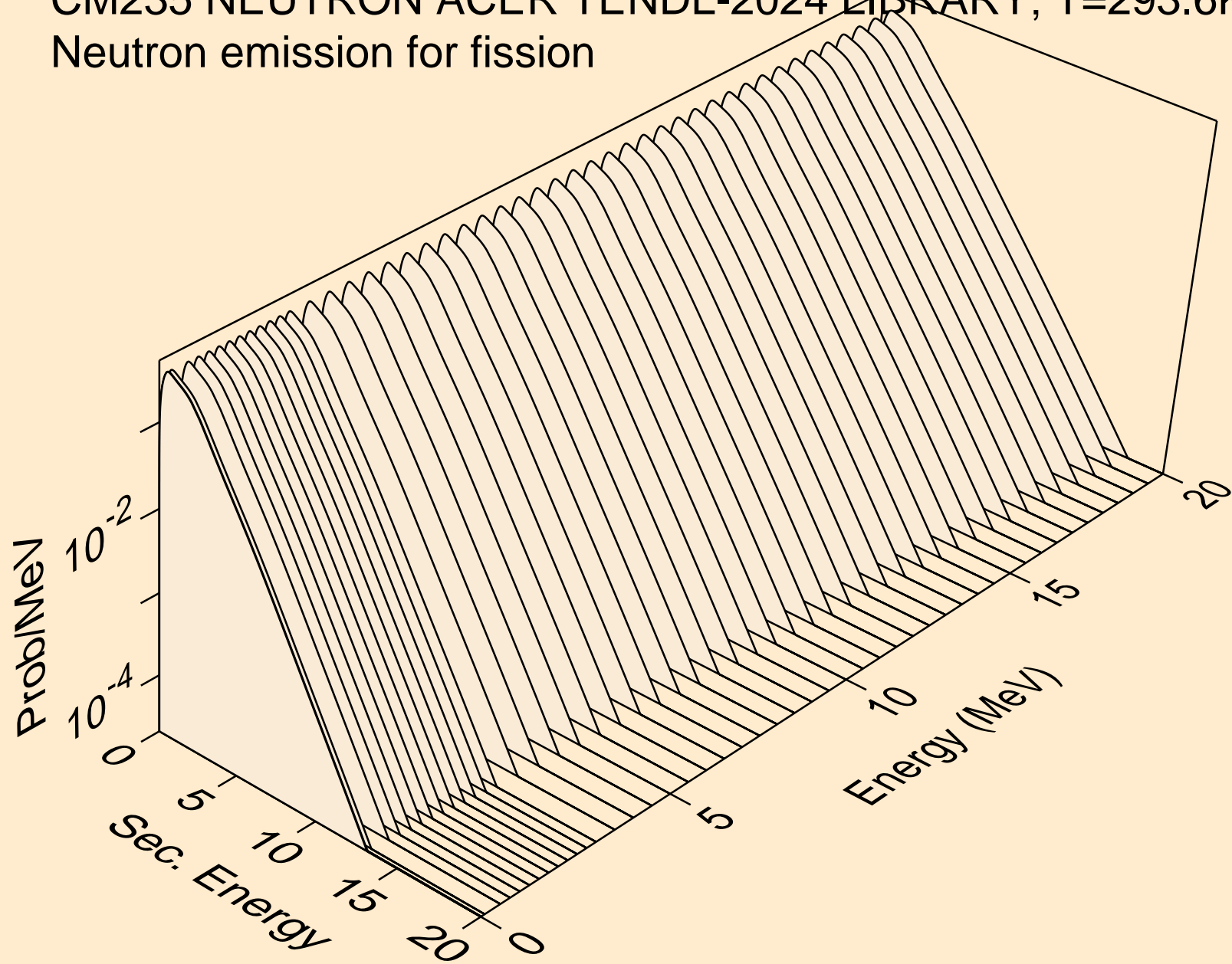
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



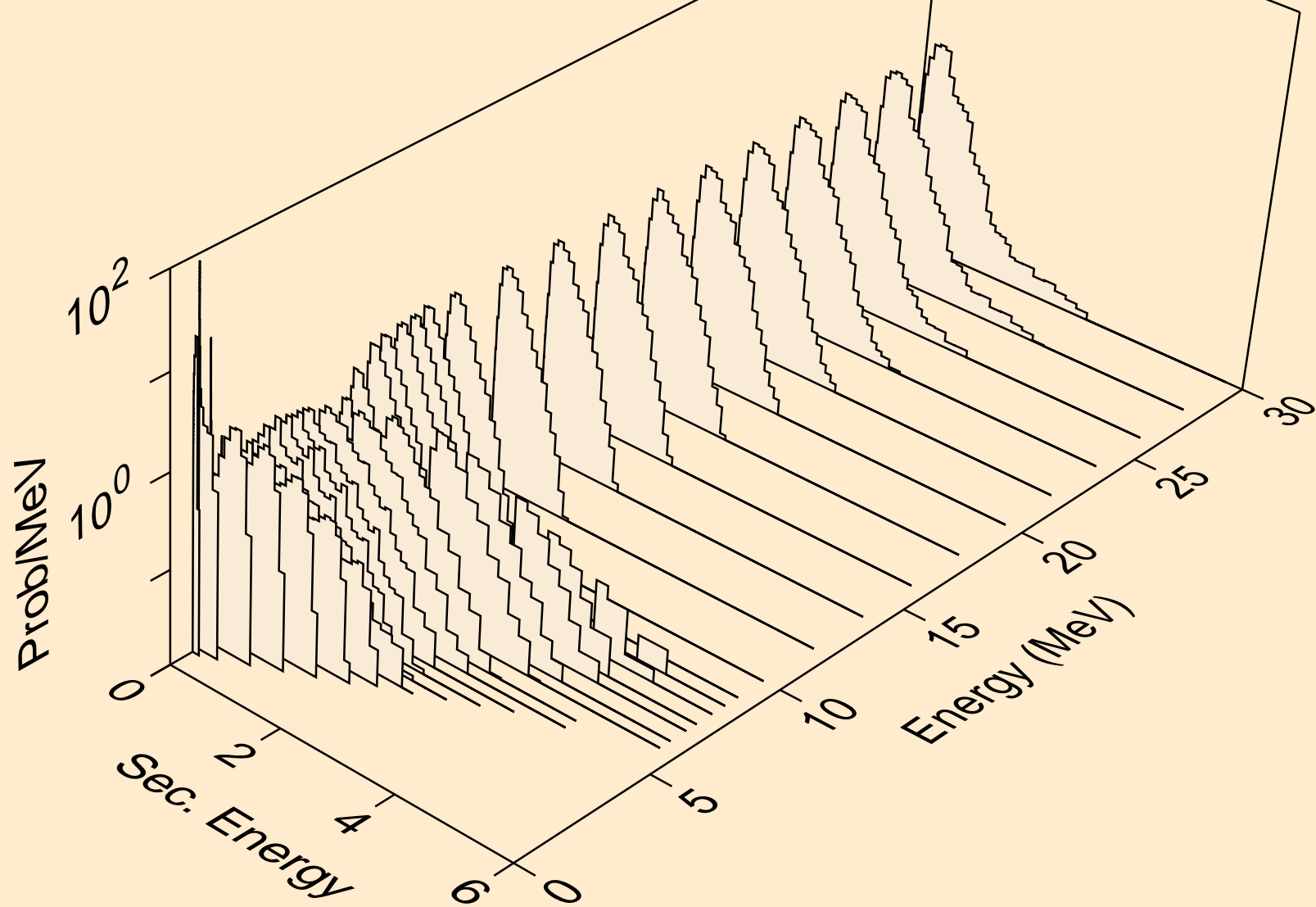
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



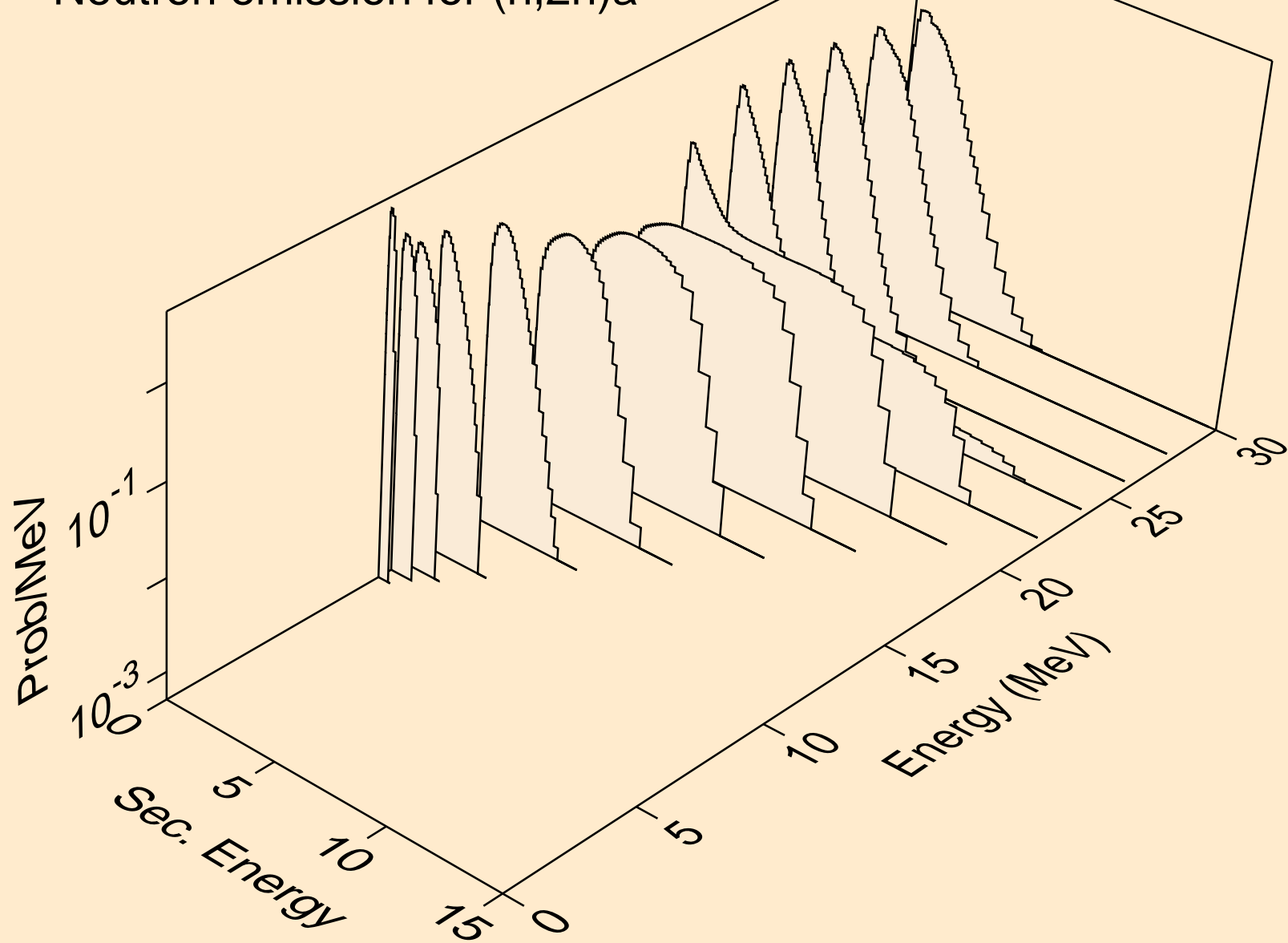
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for fission



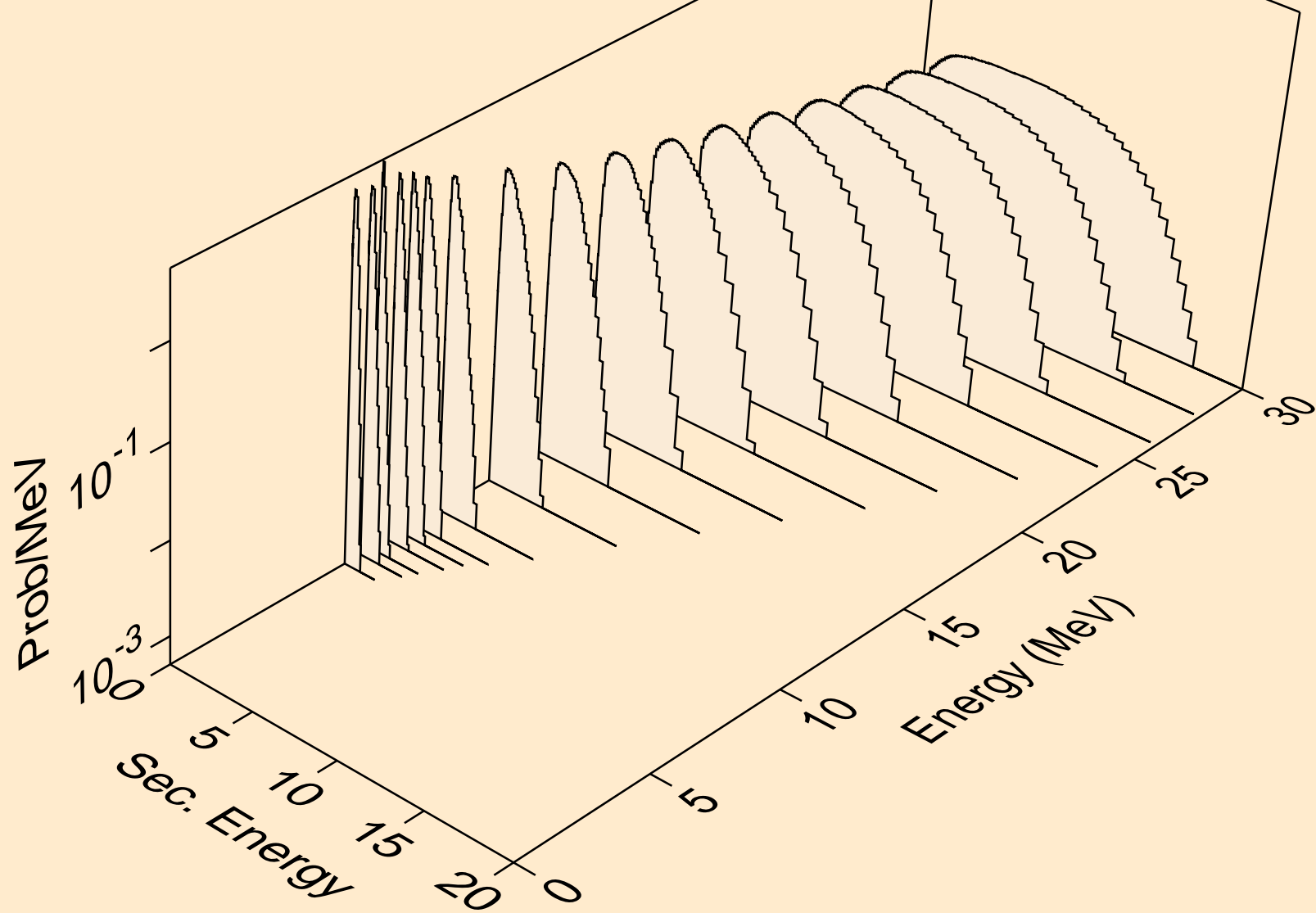
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



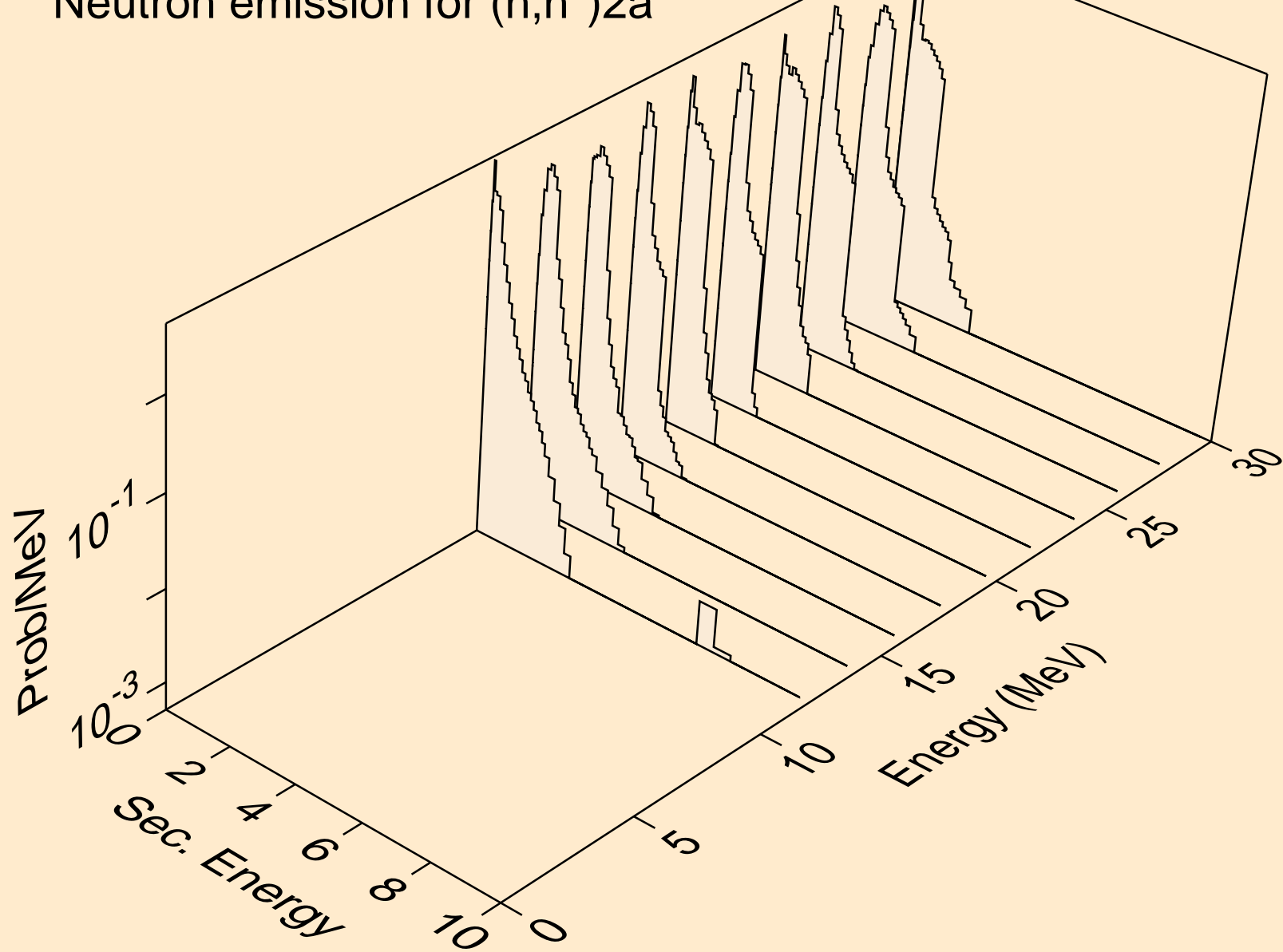
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)a



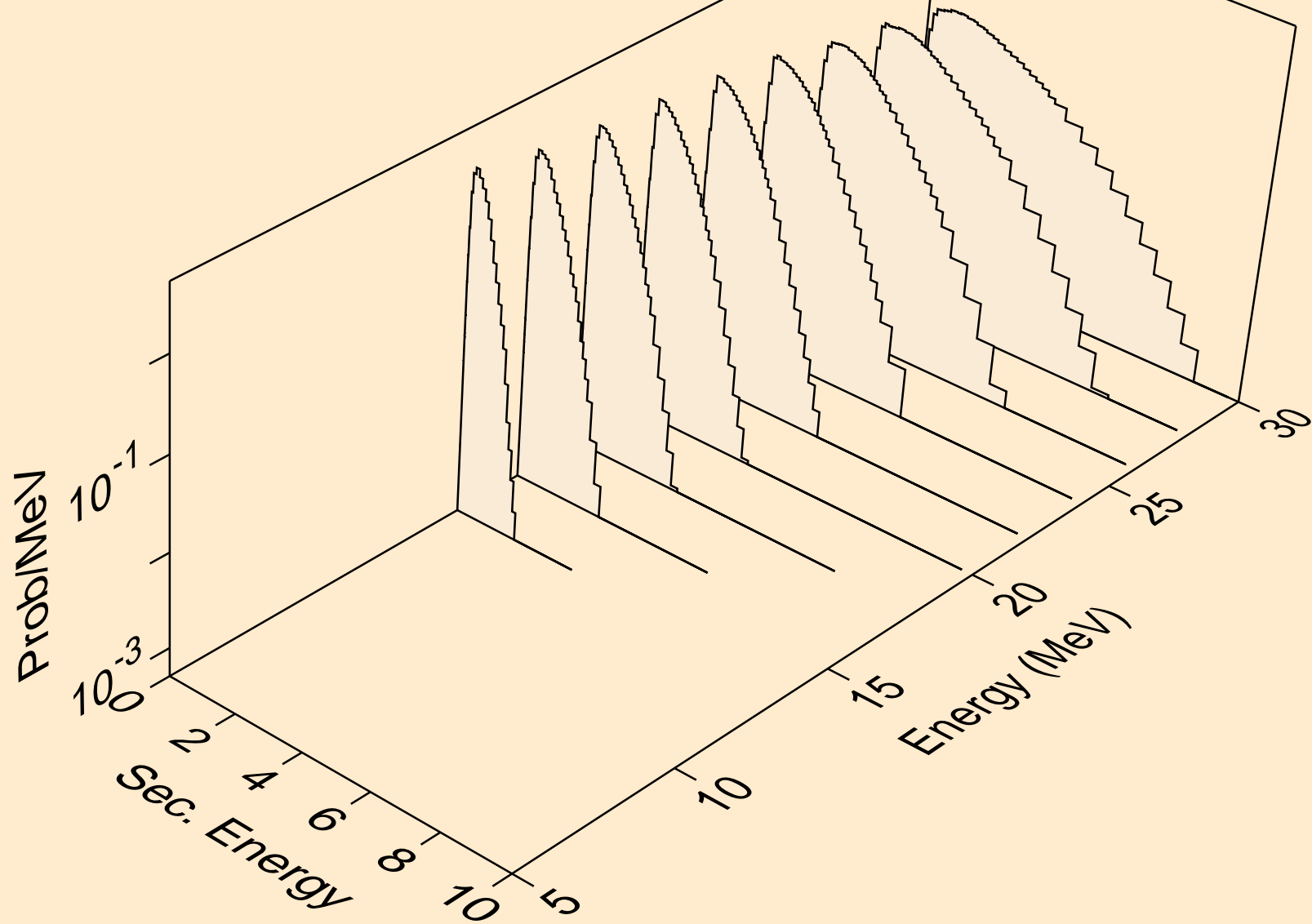
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



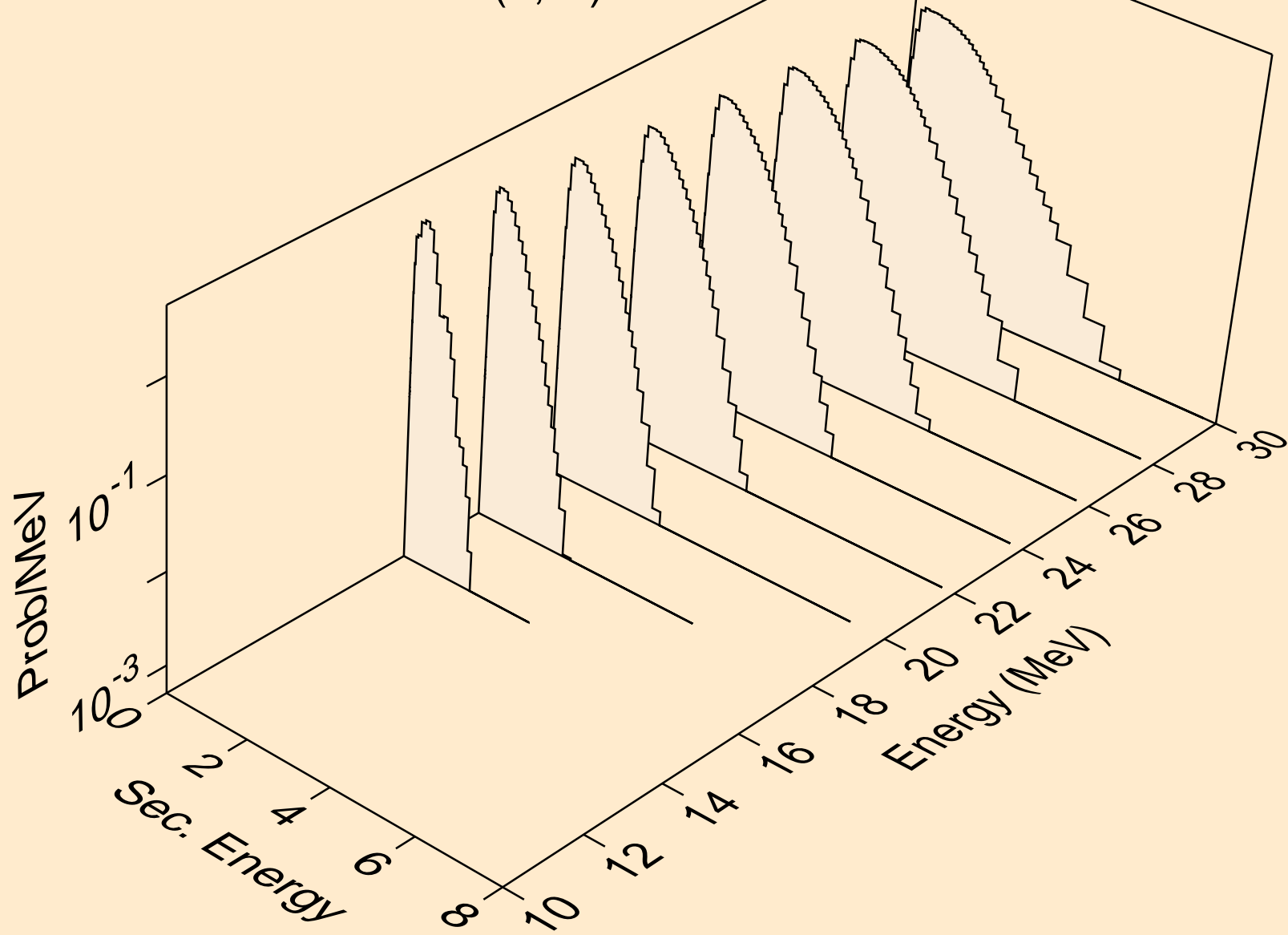
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



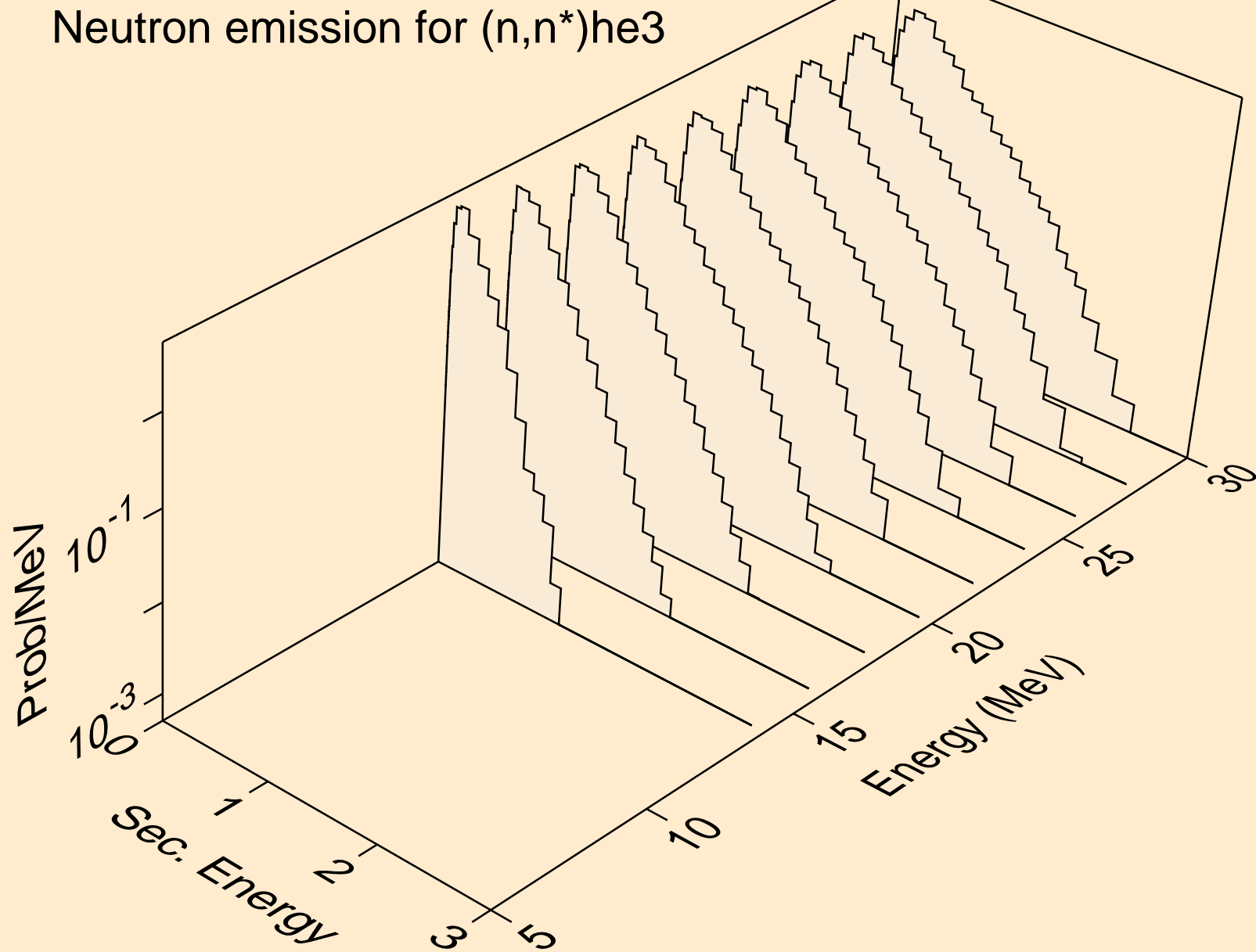
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



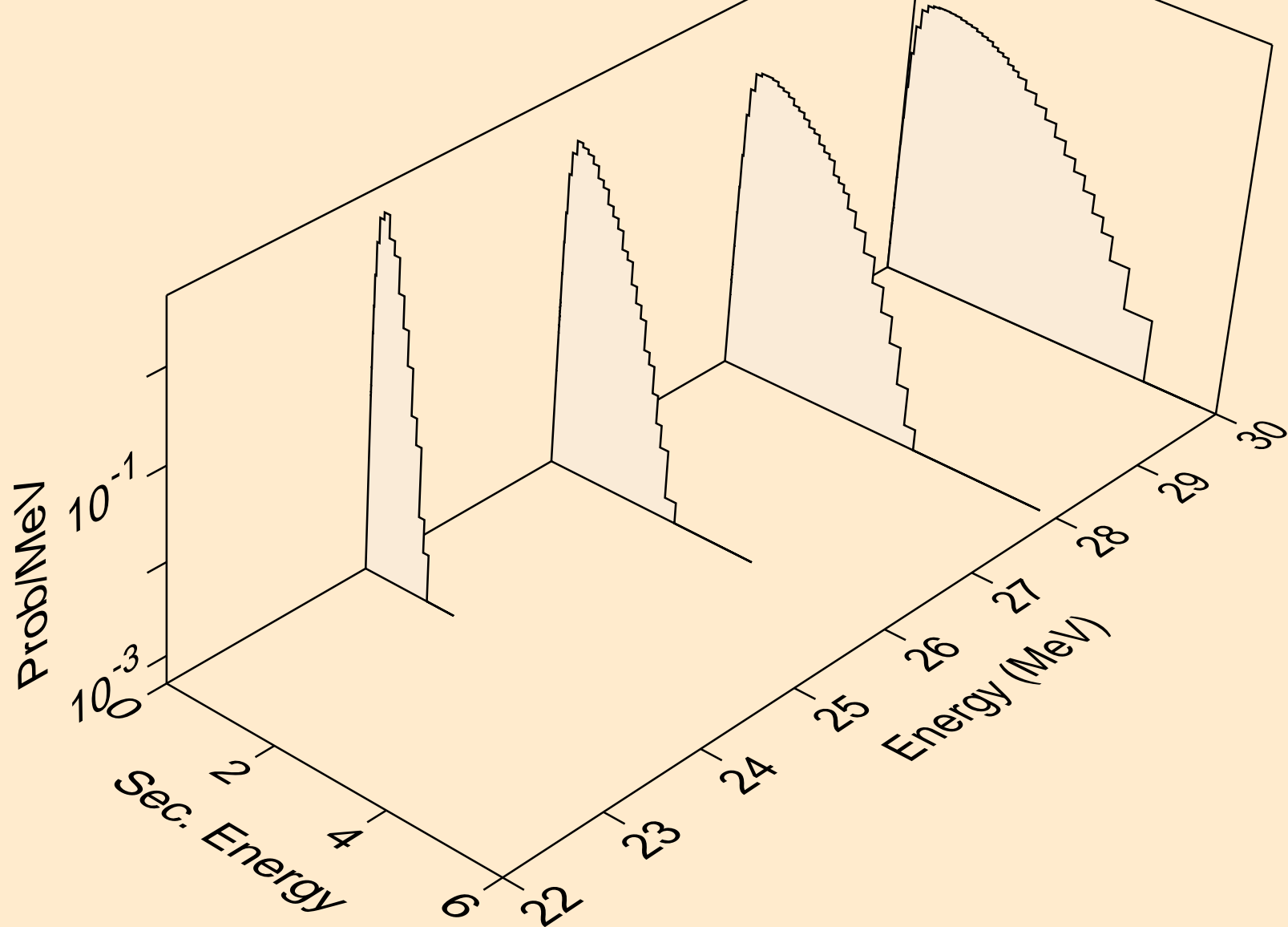
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



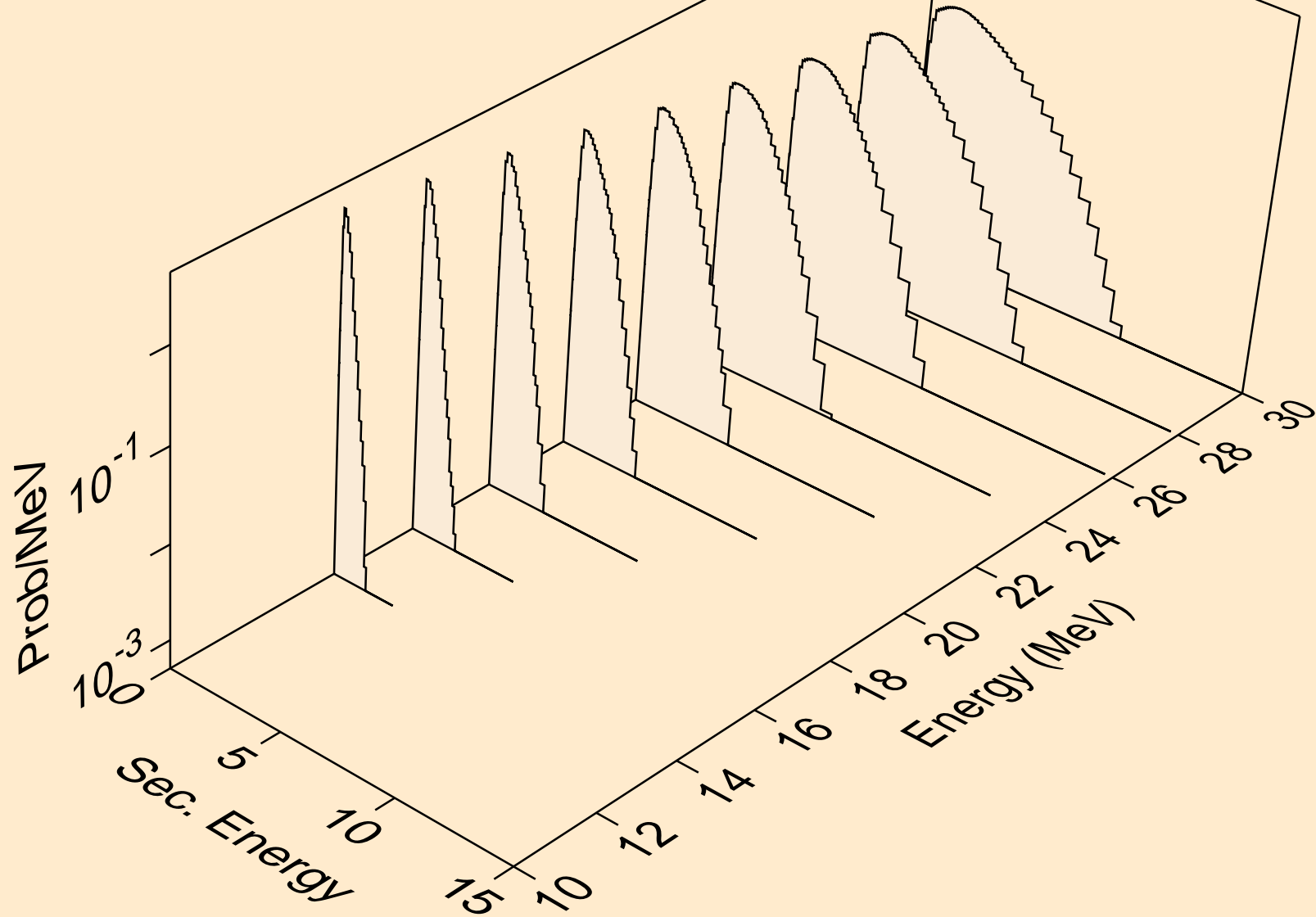
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



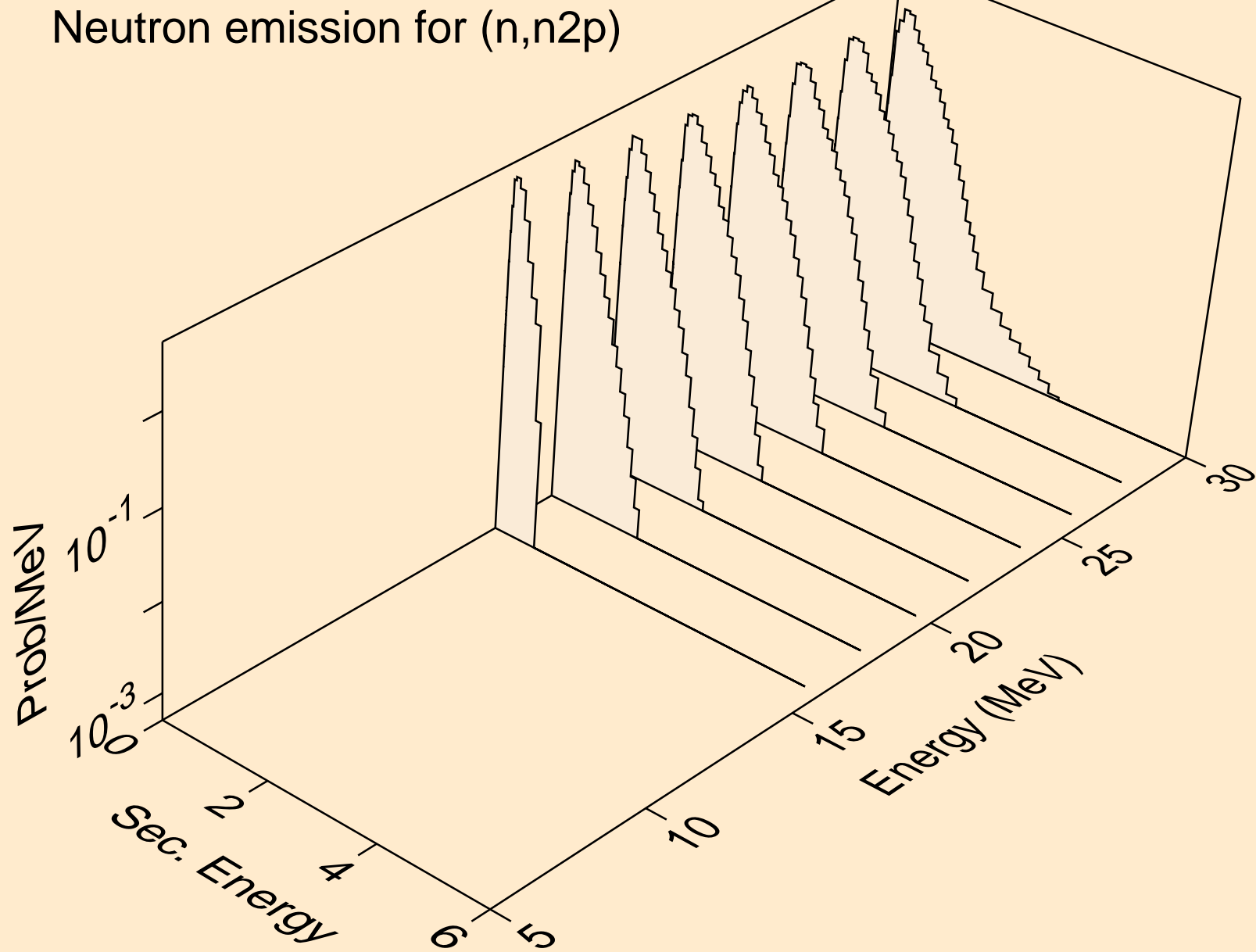
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



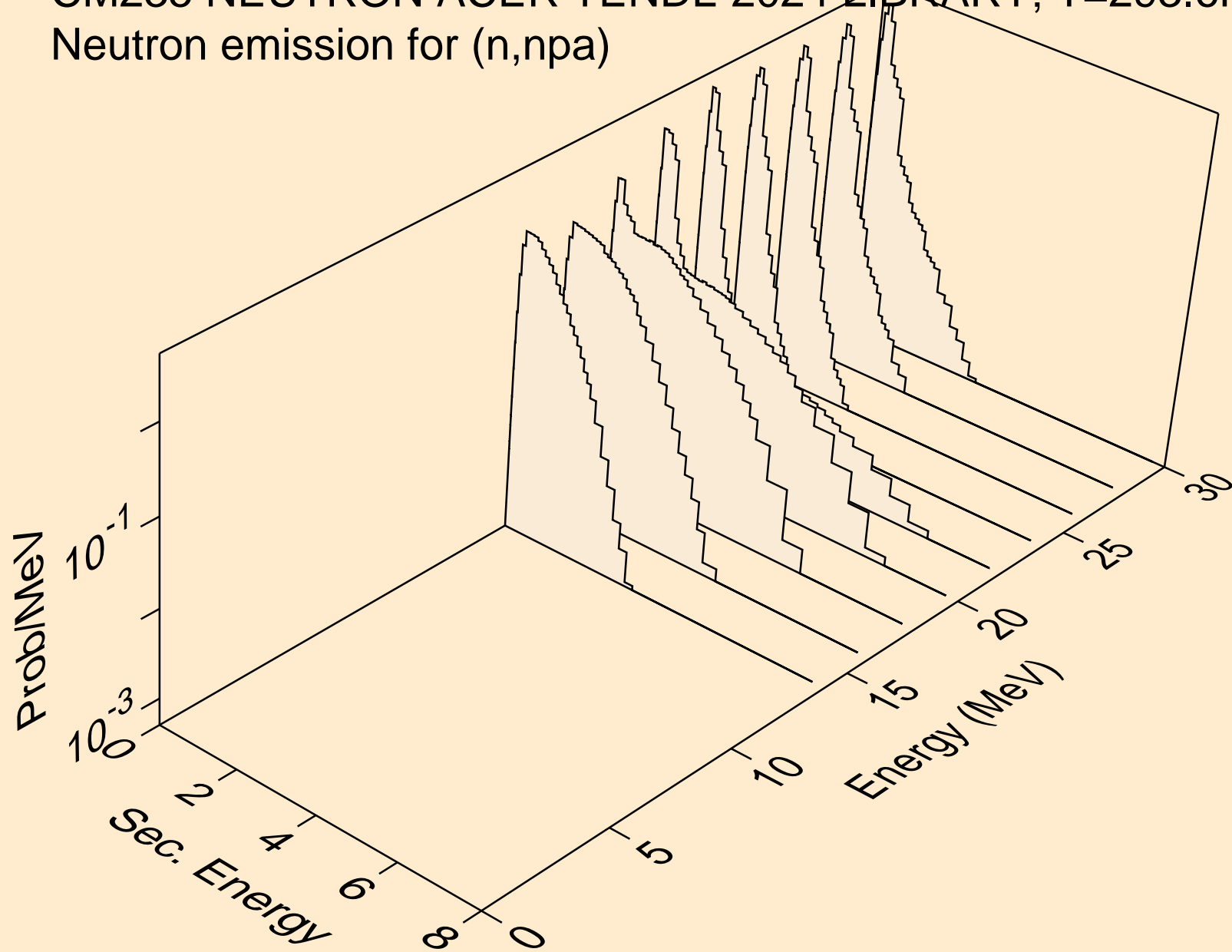
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



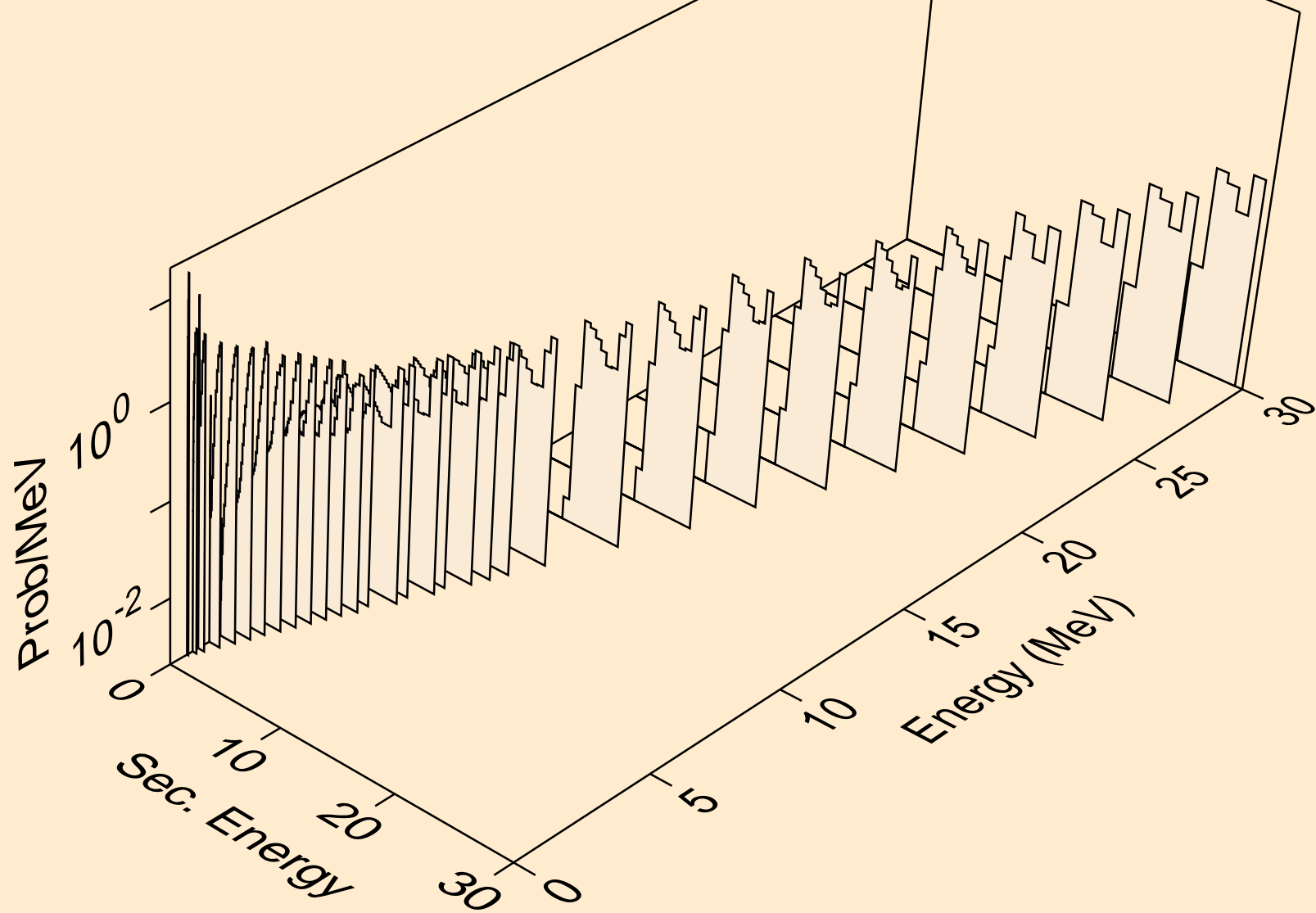
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

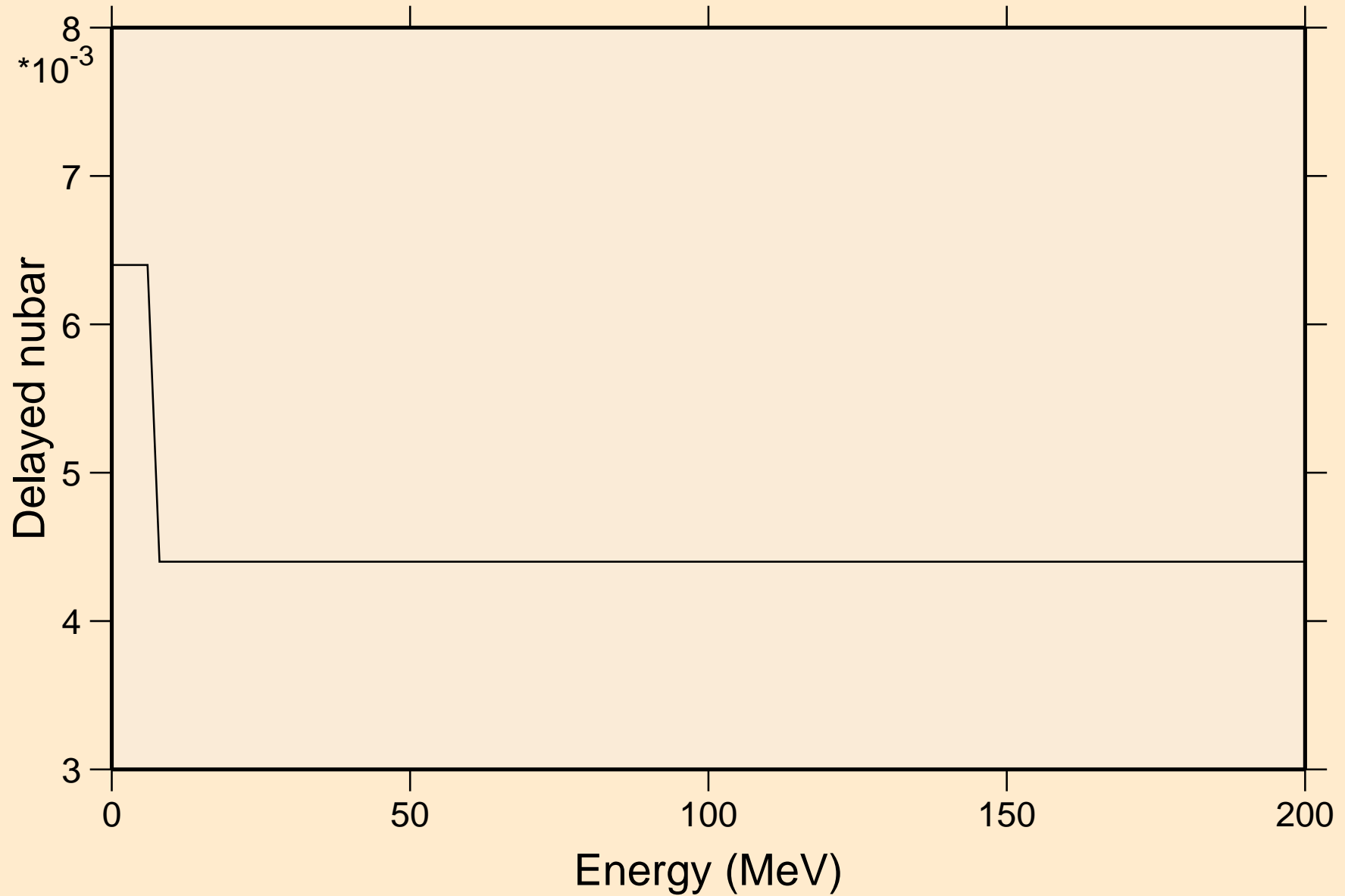


CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



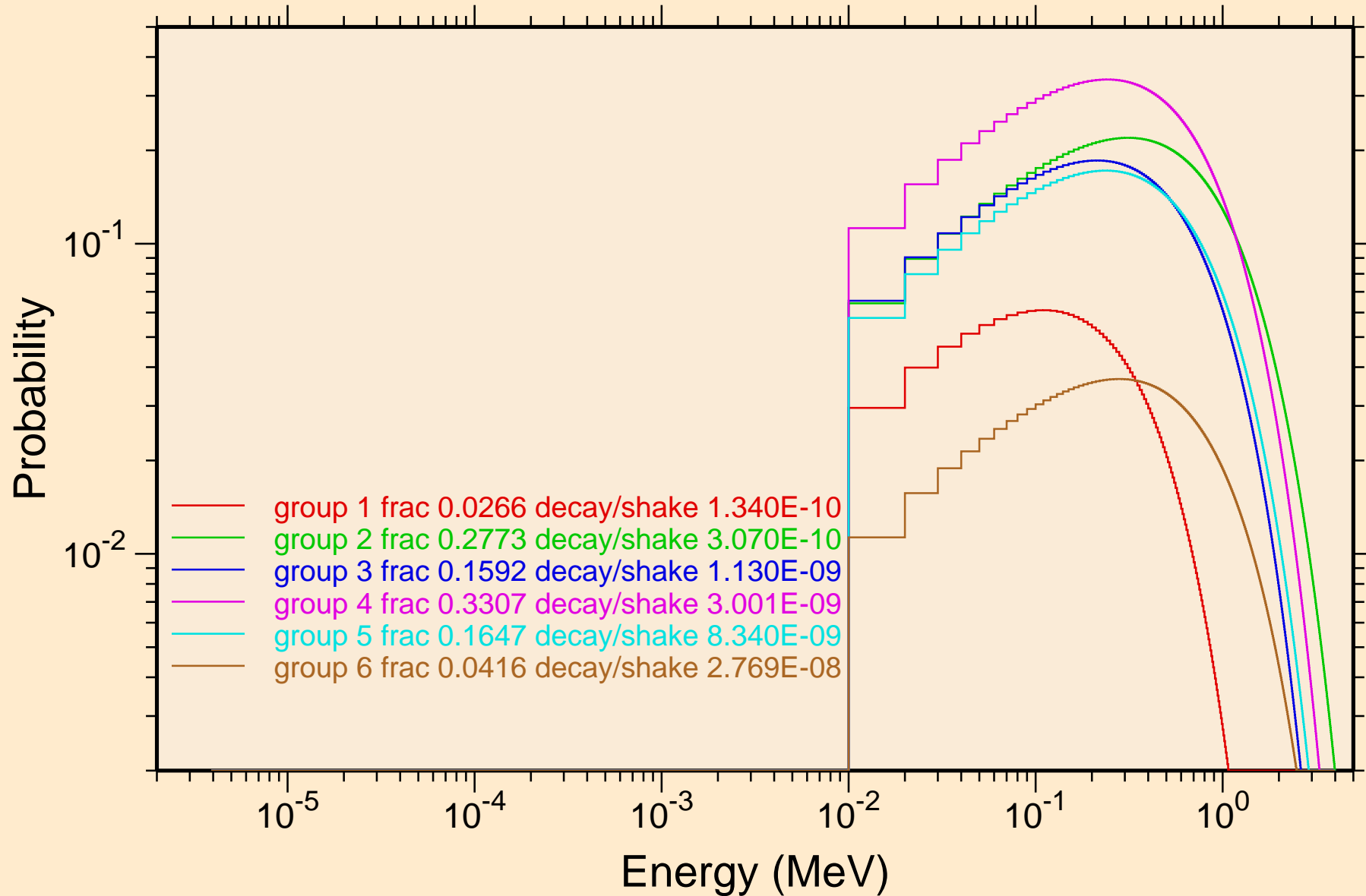
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Delayed nubar

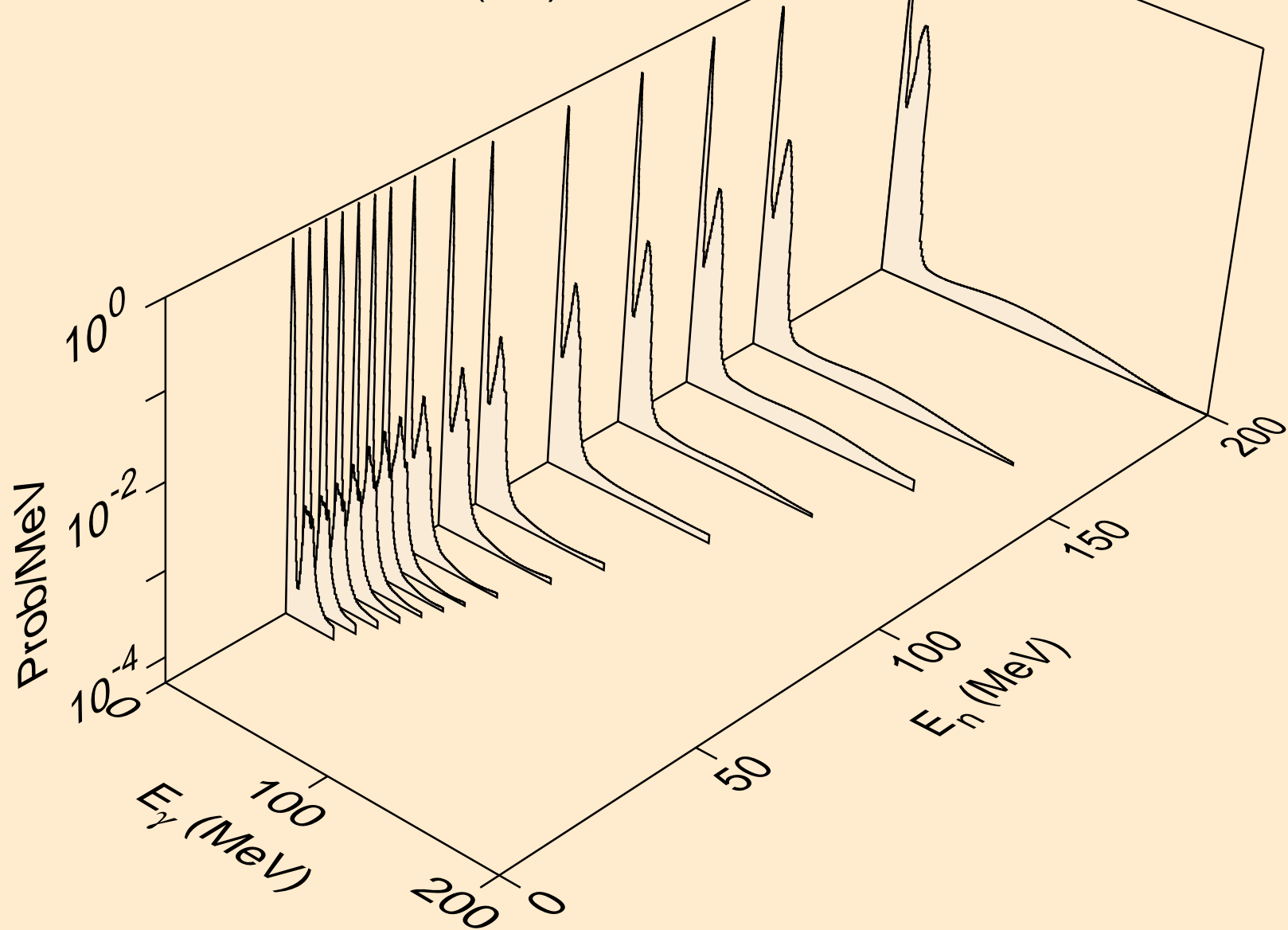


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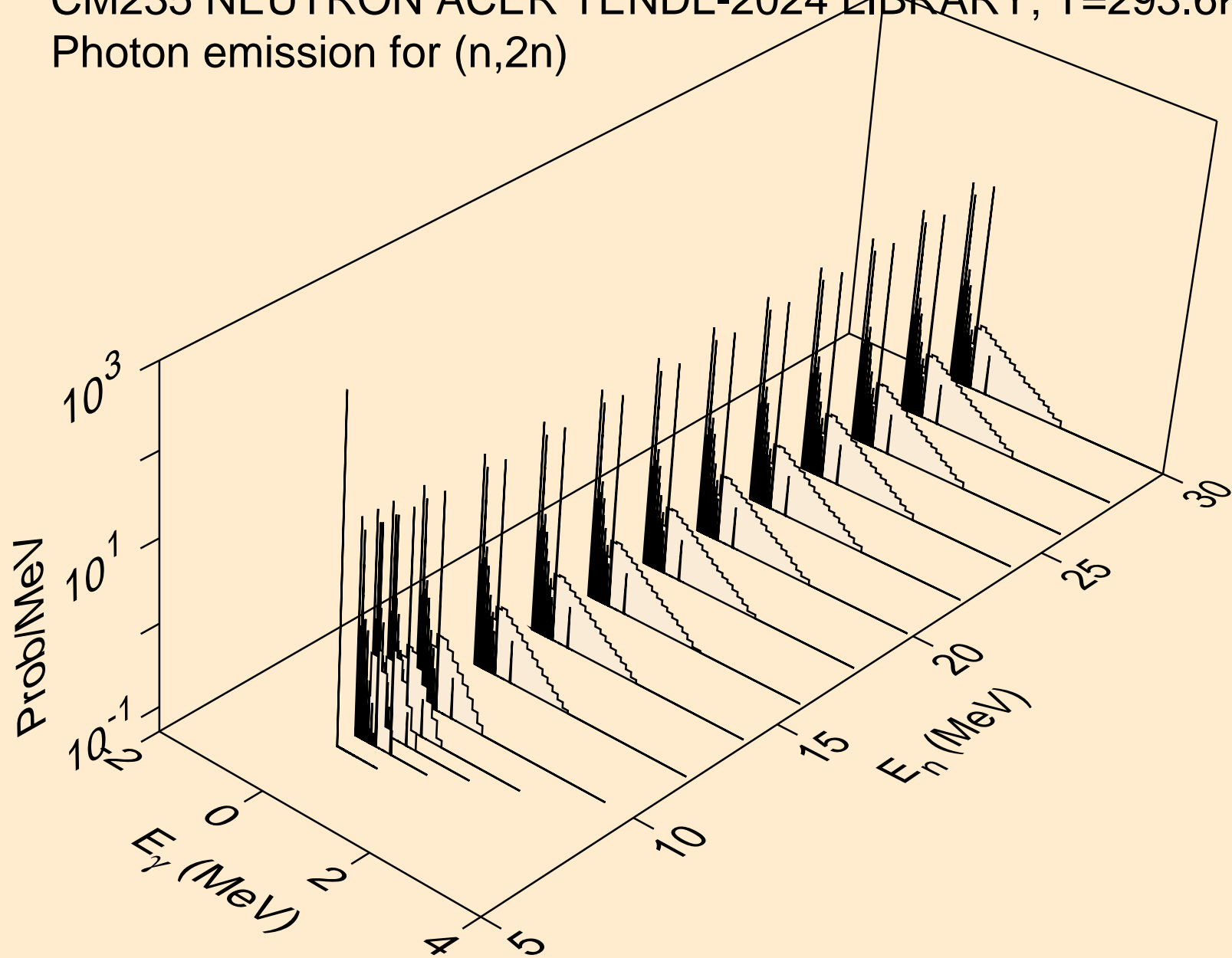
## Delayed neutron spectra



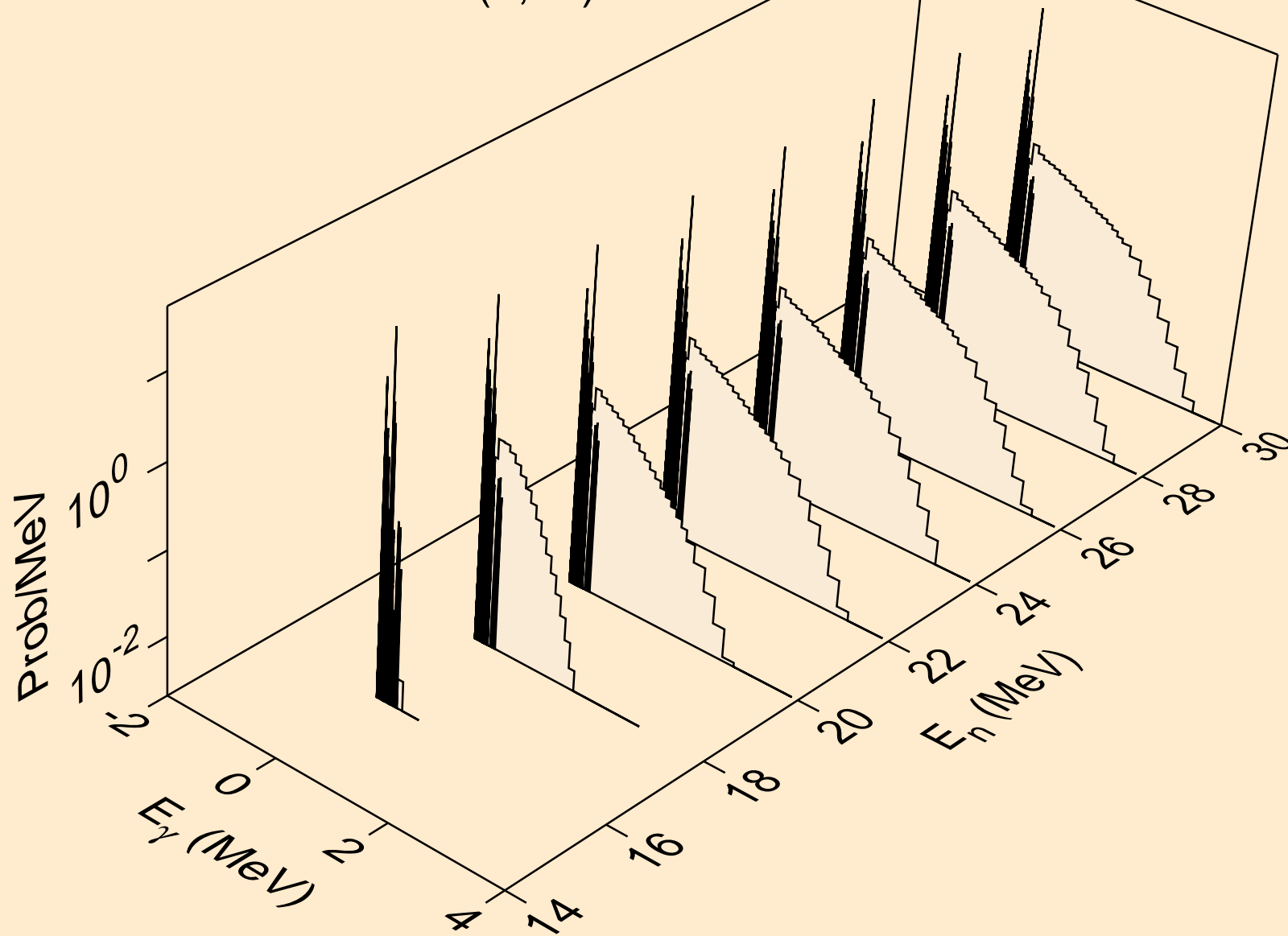
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



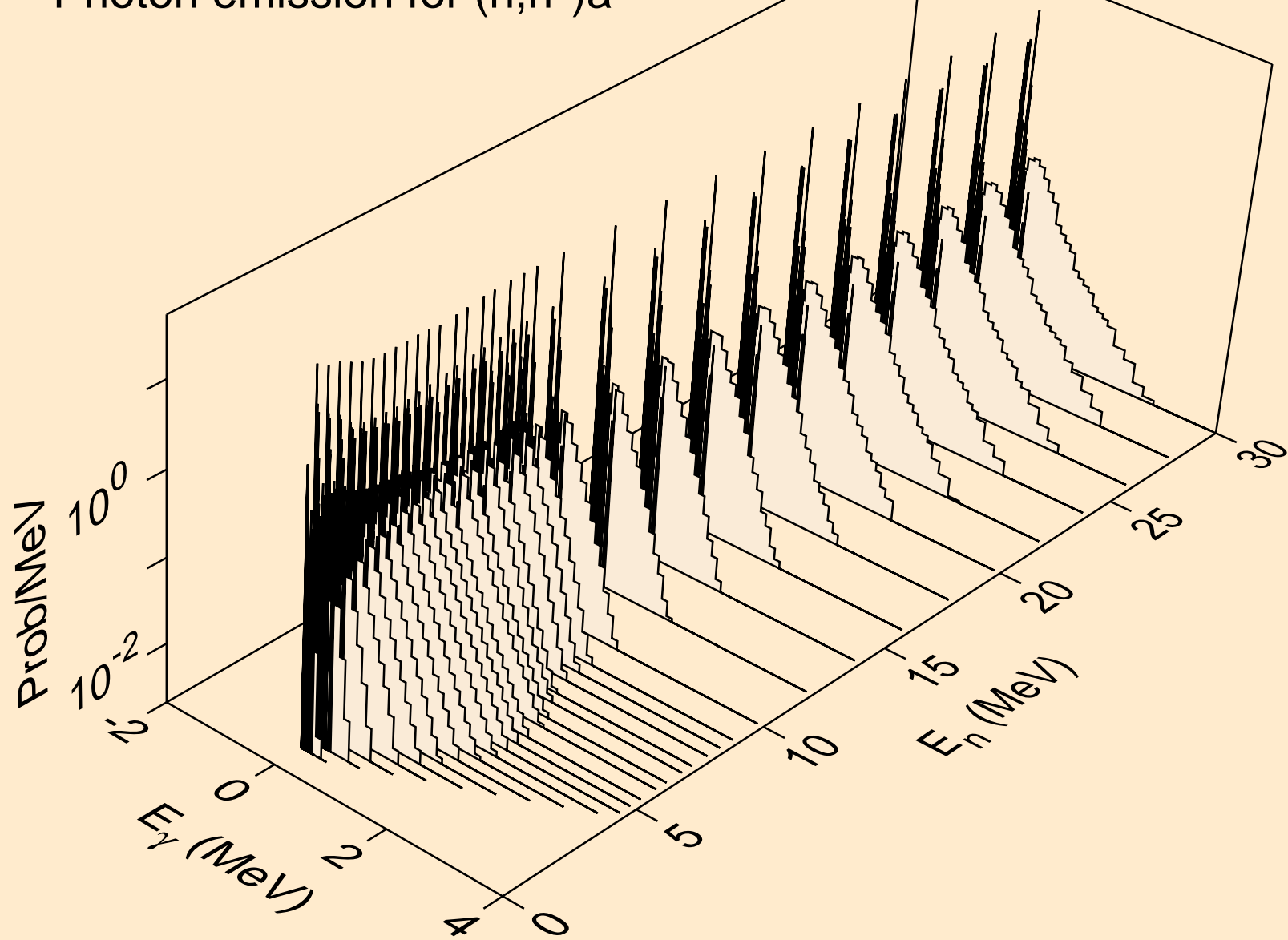
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



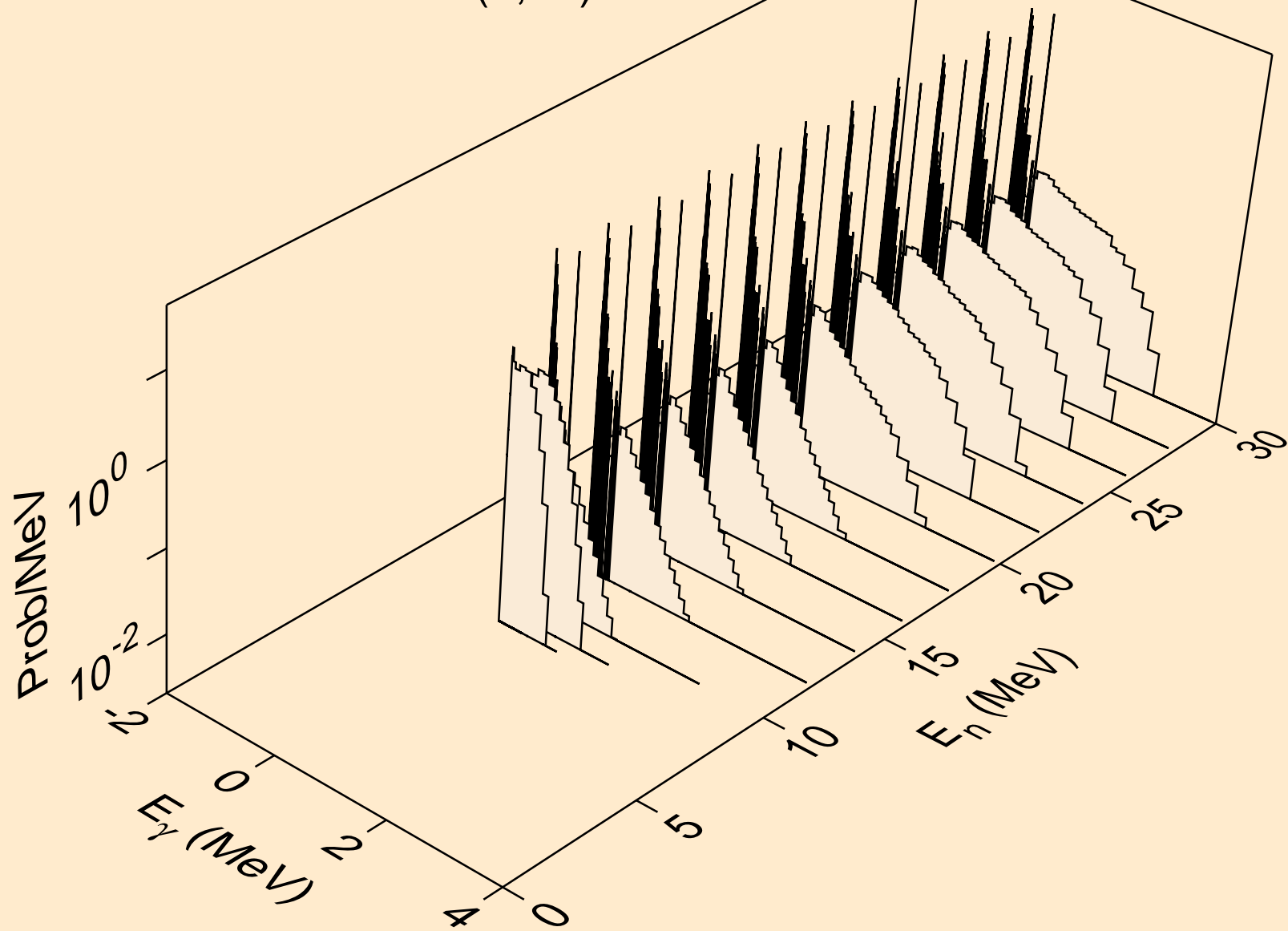
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



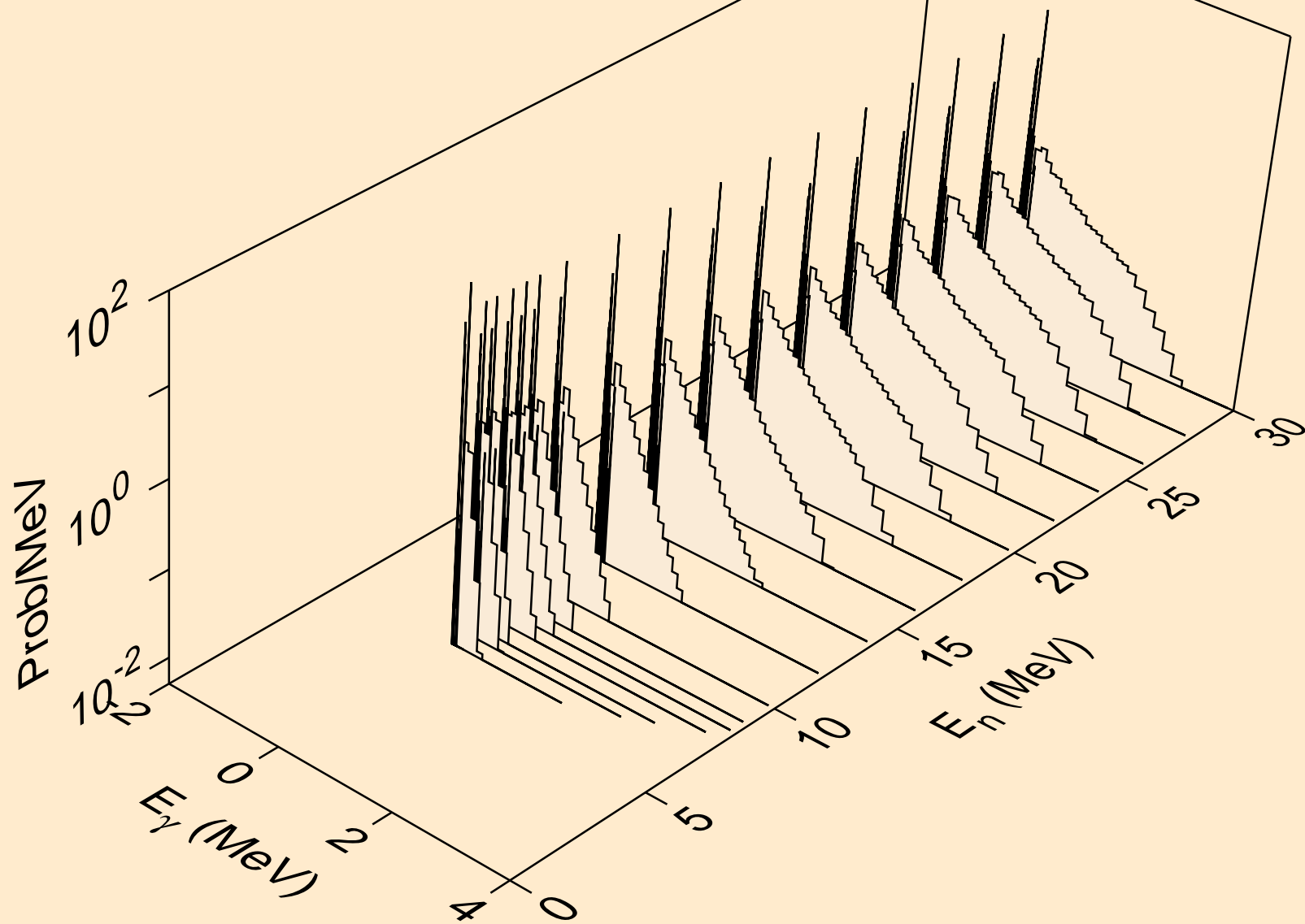
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



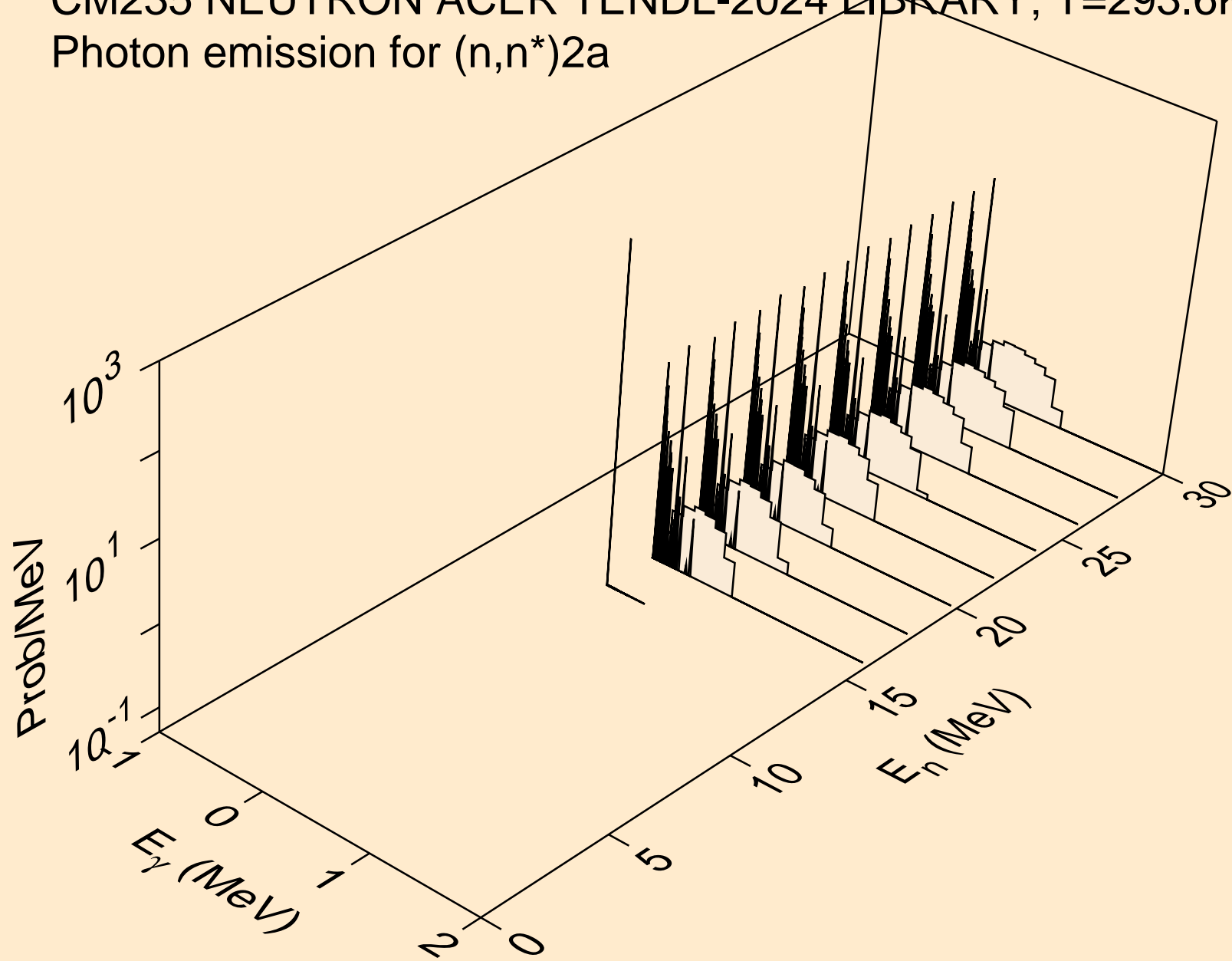
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



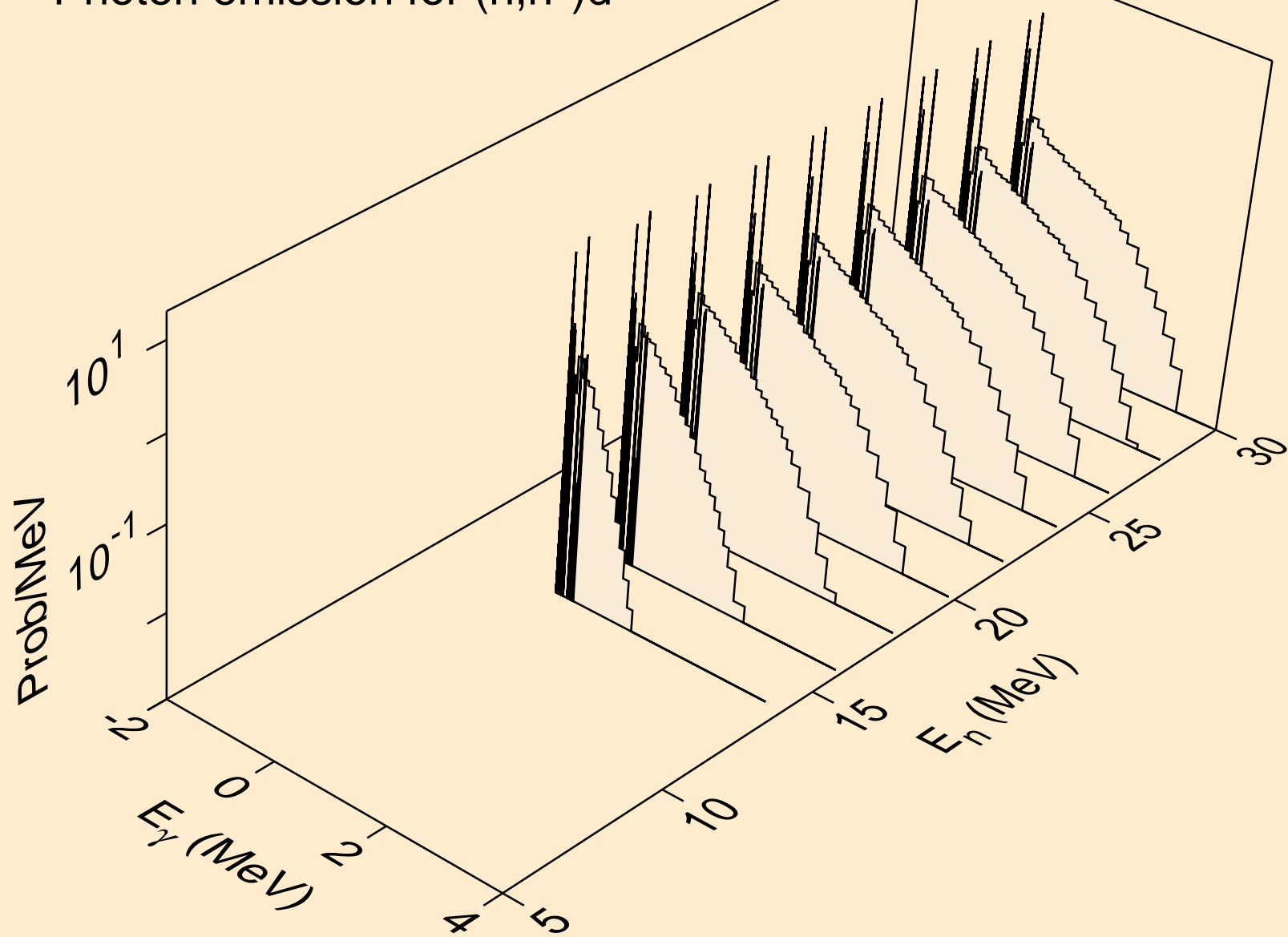
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



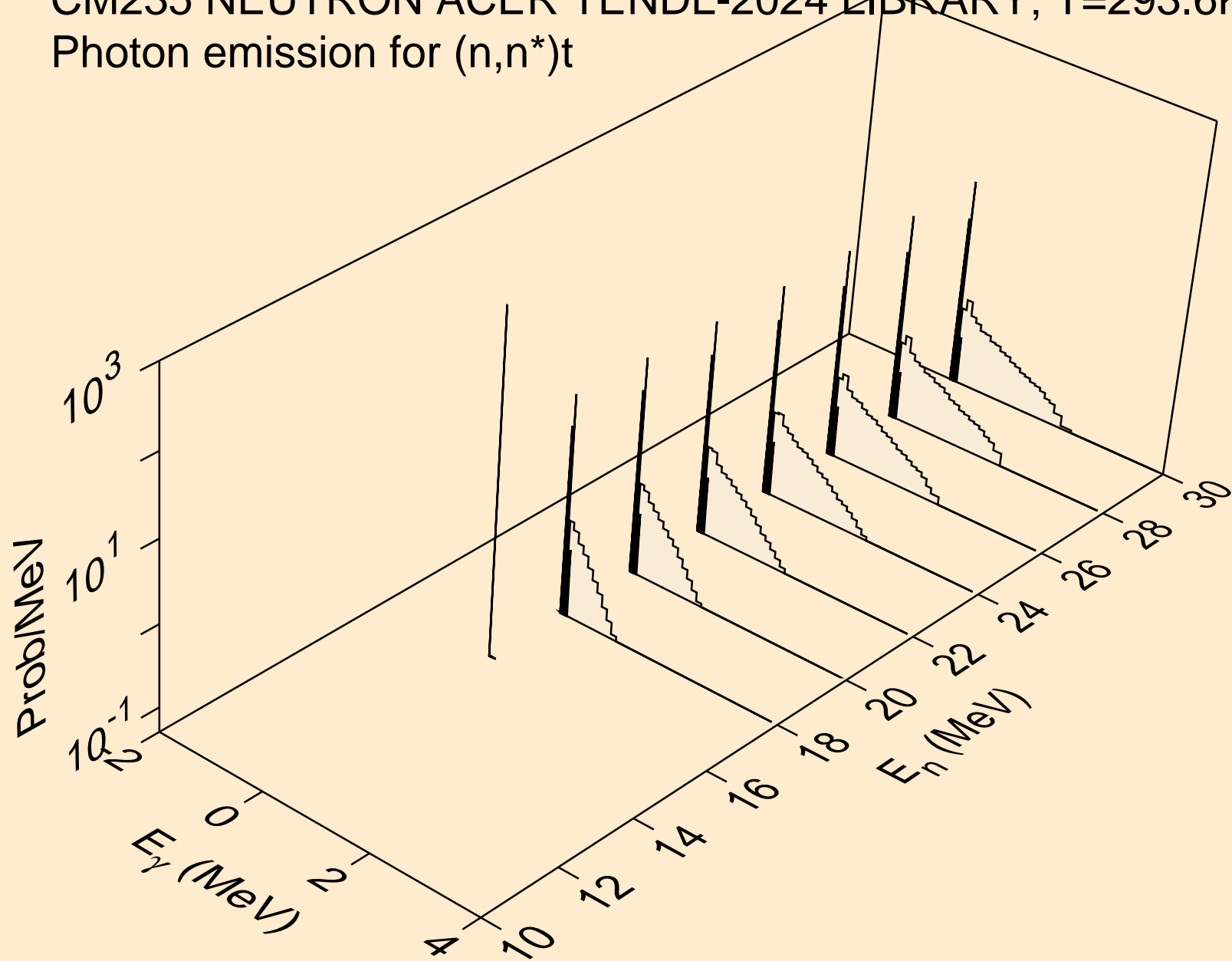
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



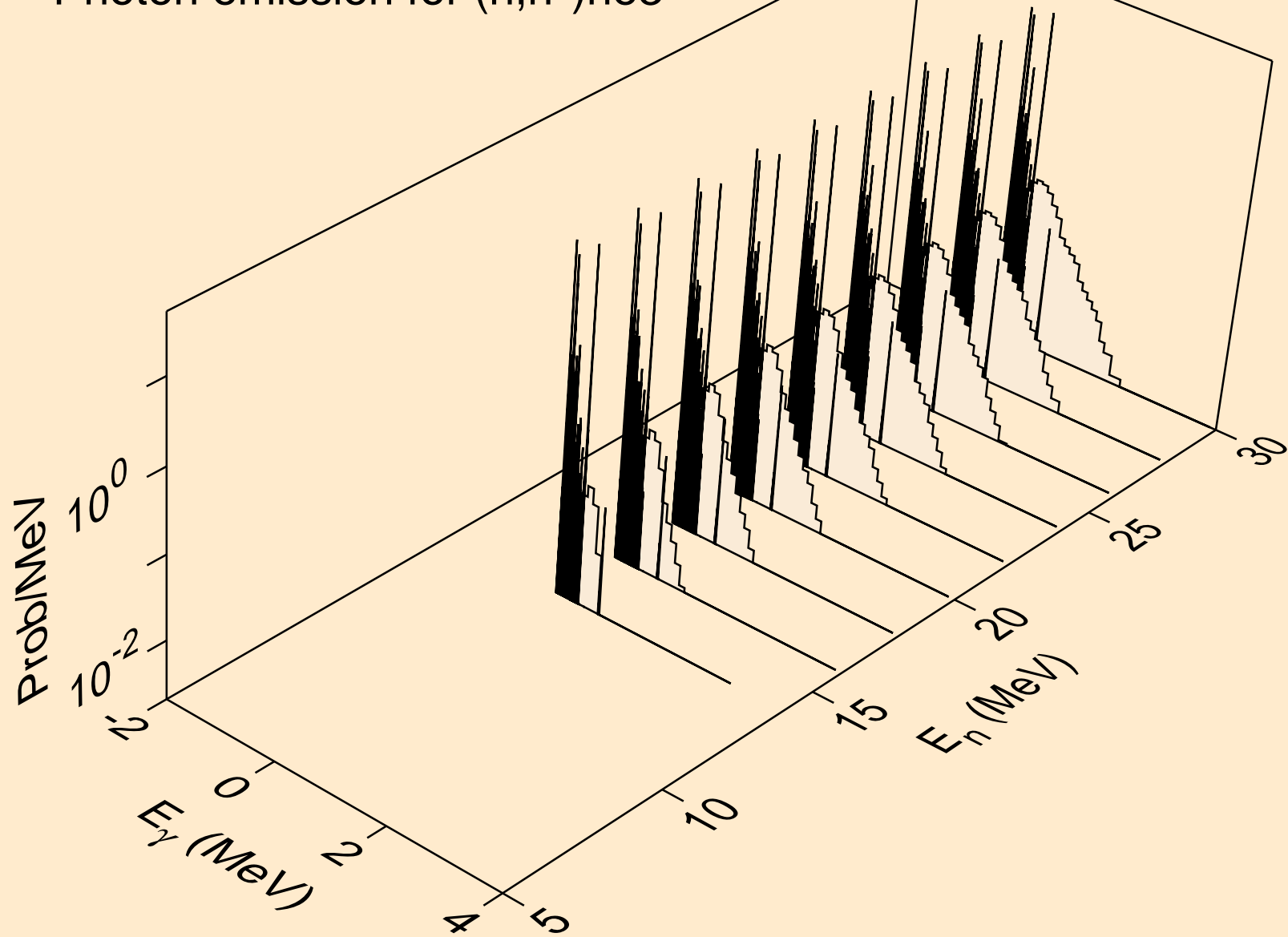
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



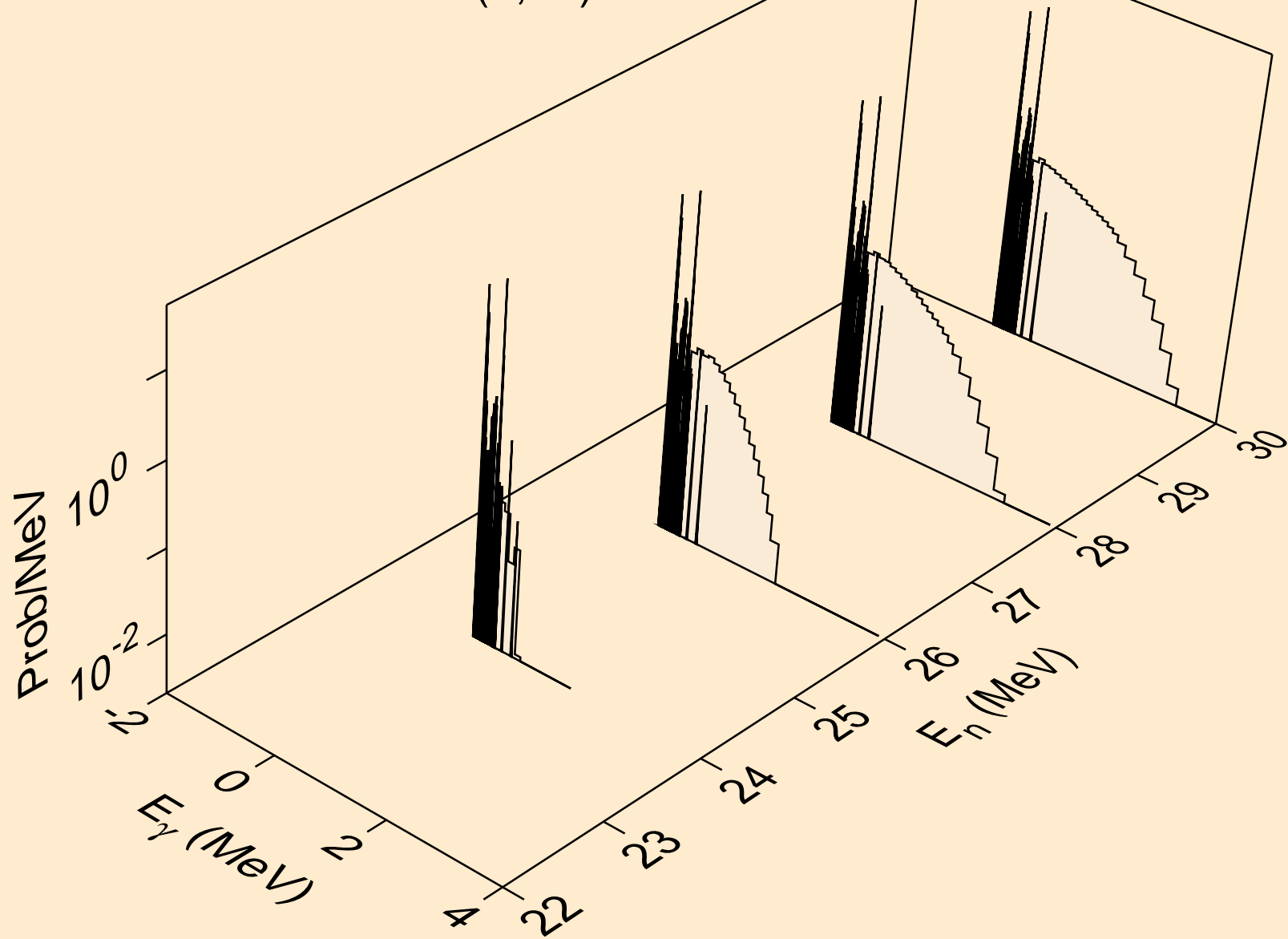
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



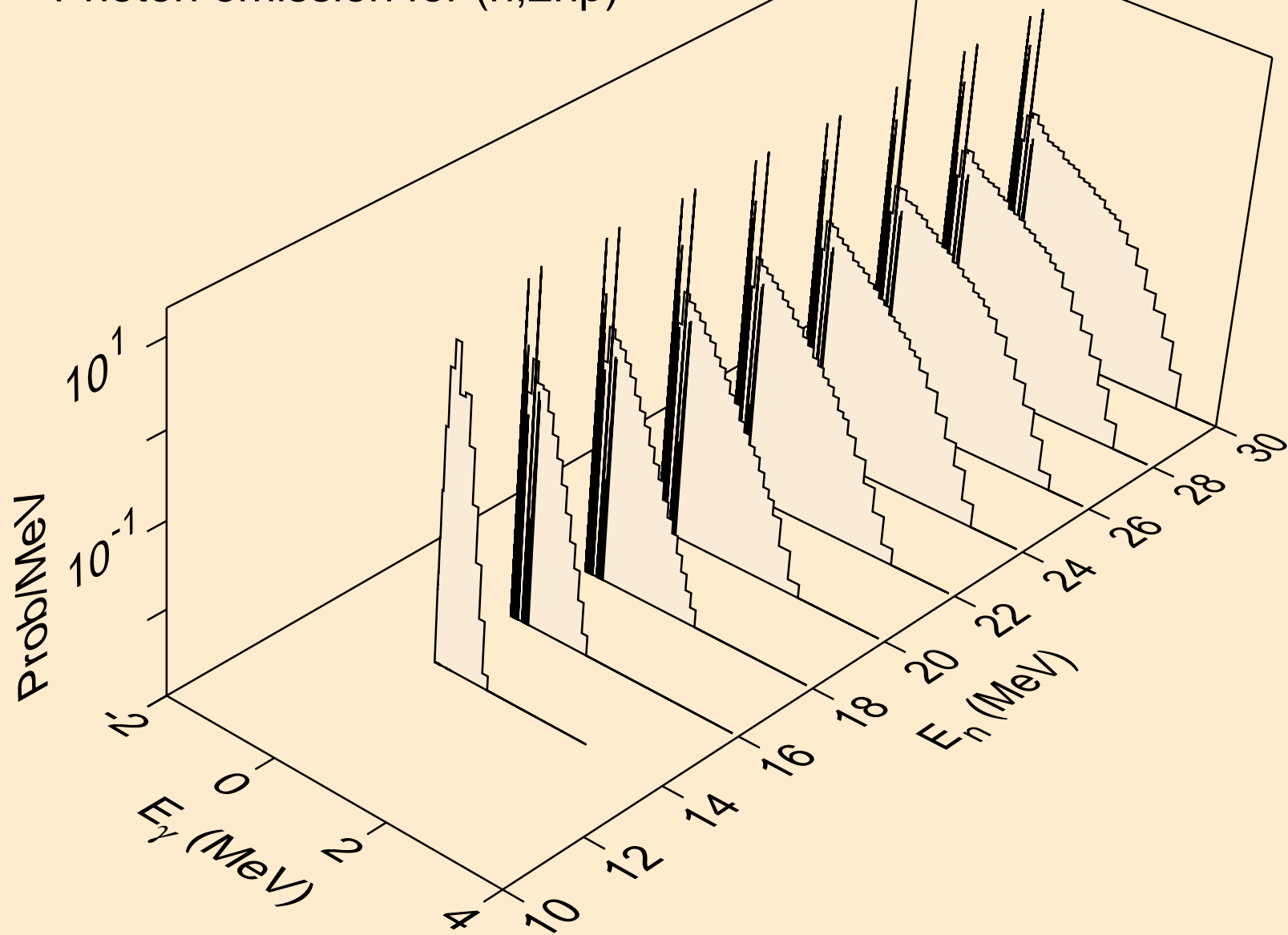
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



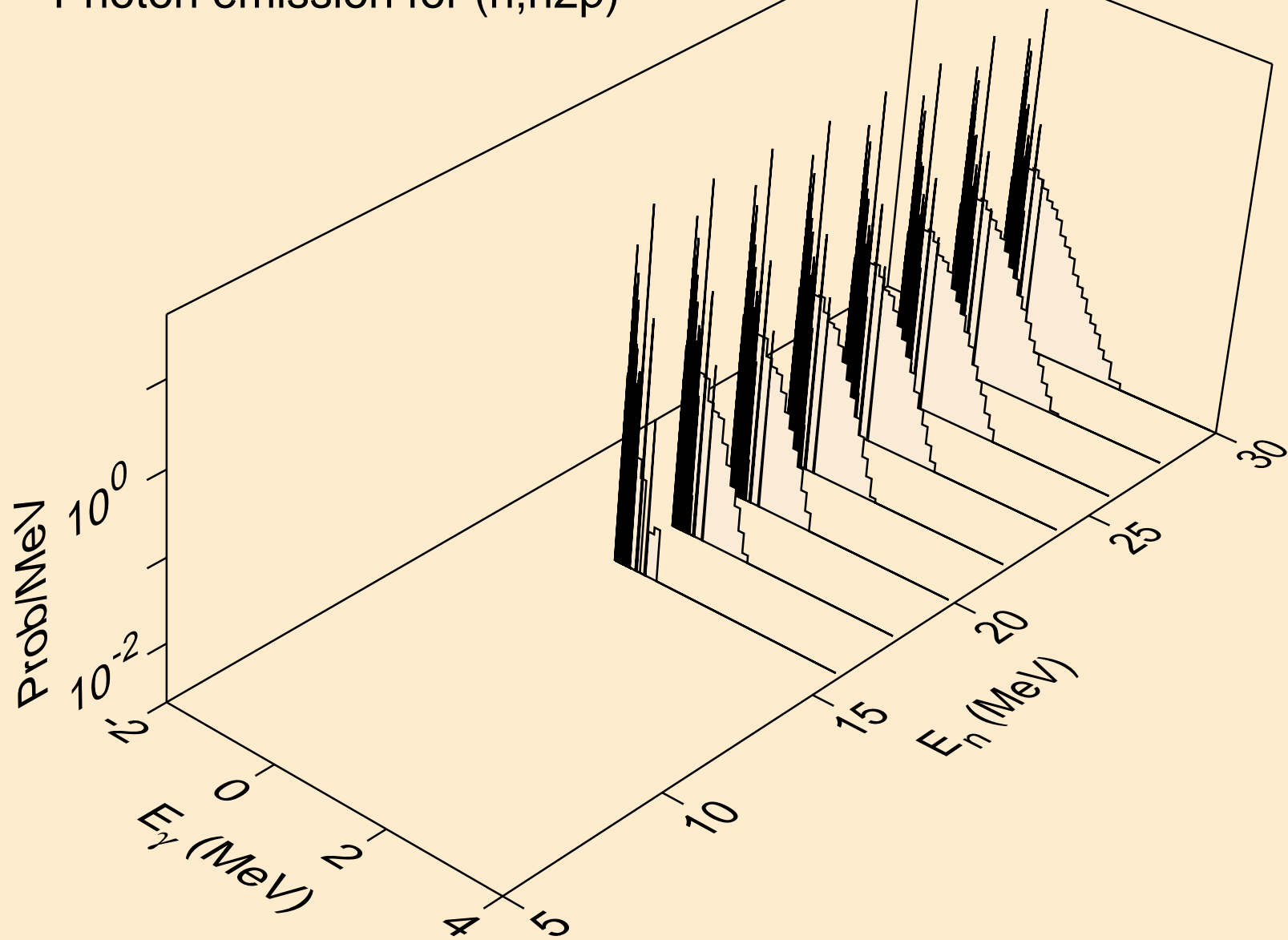
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



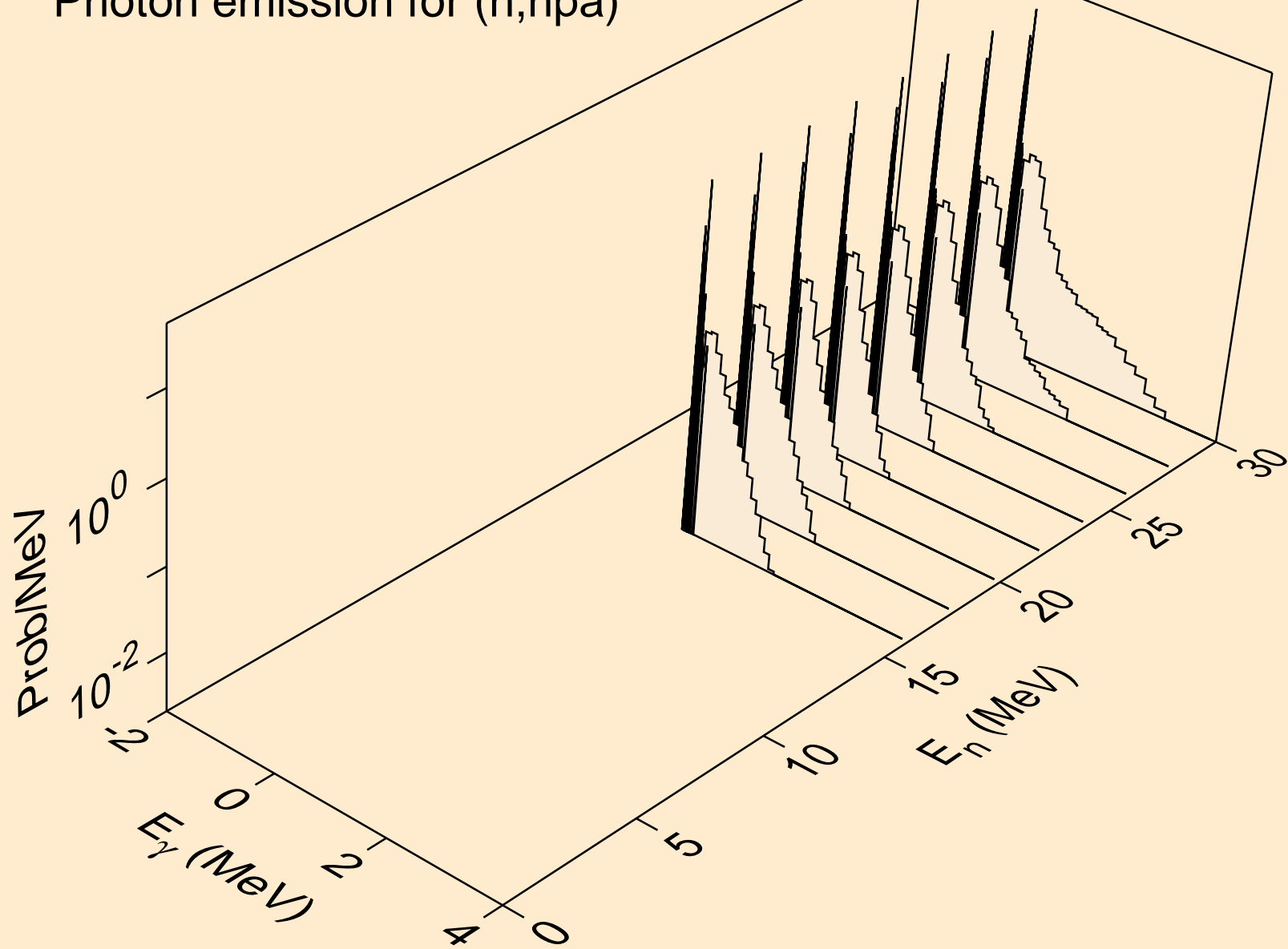
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



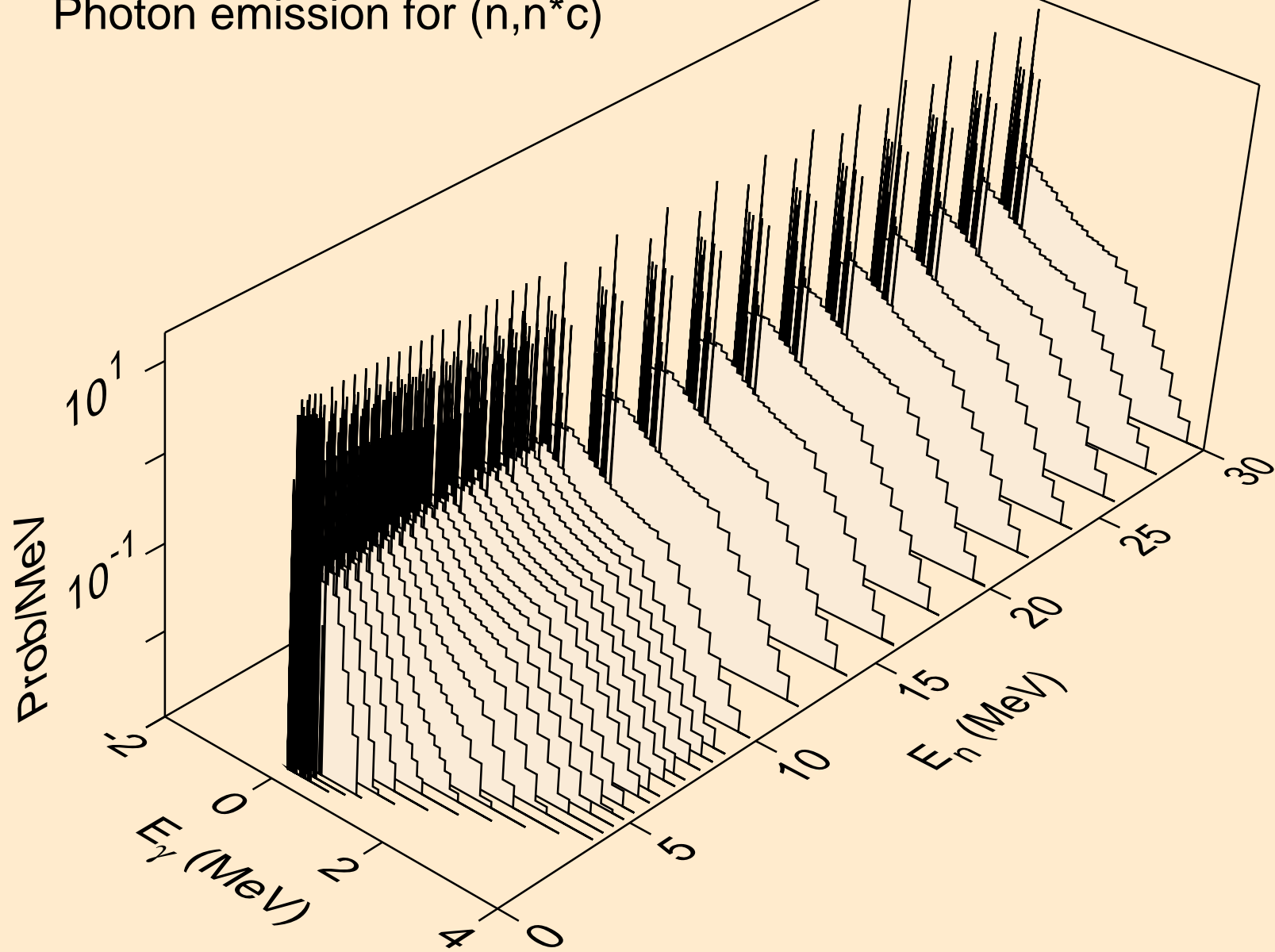
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Photon emission for (n,n2p)



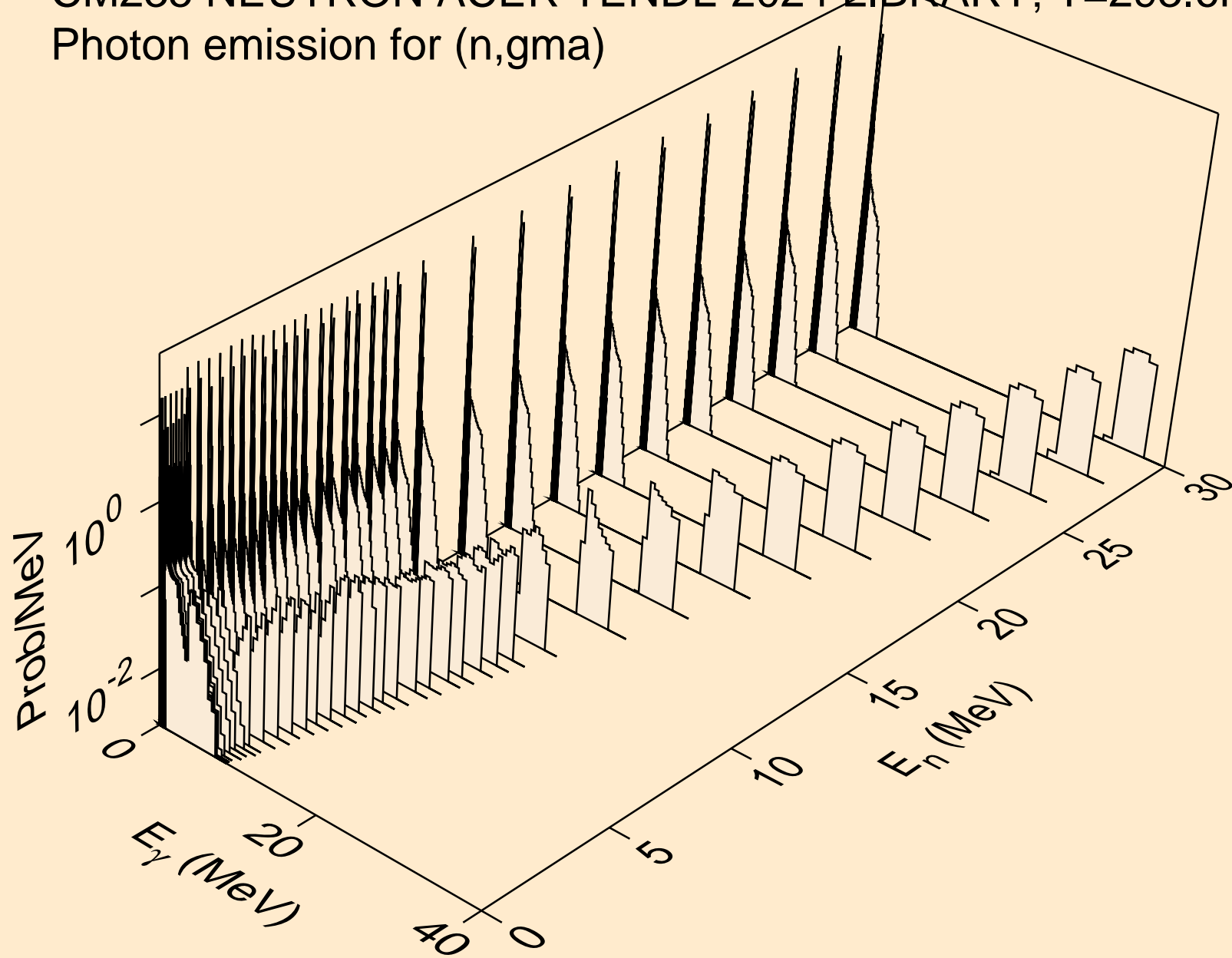
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Photon emission for (n,npa)



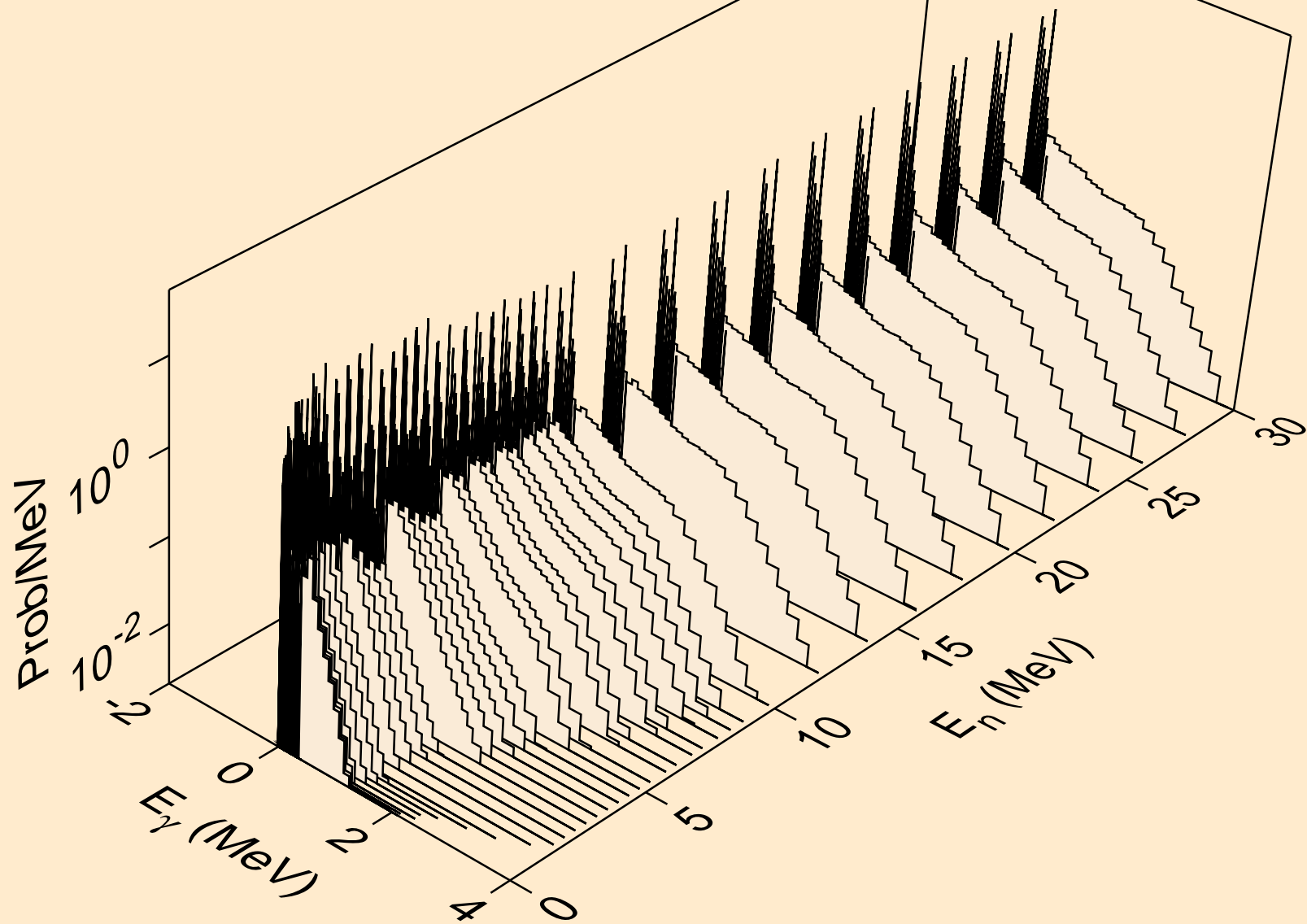
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Photon emission for (n,n\*c)



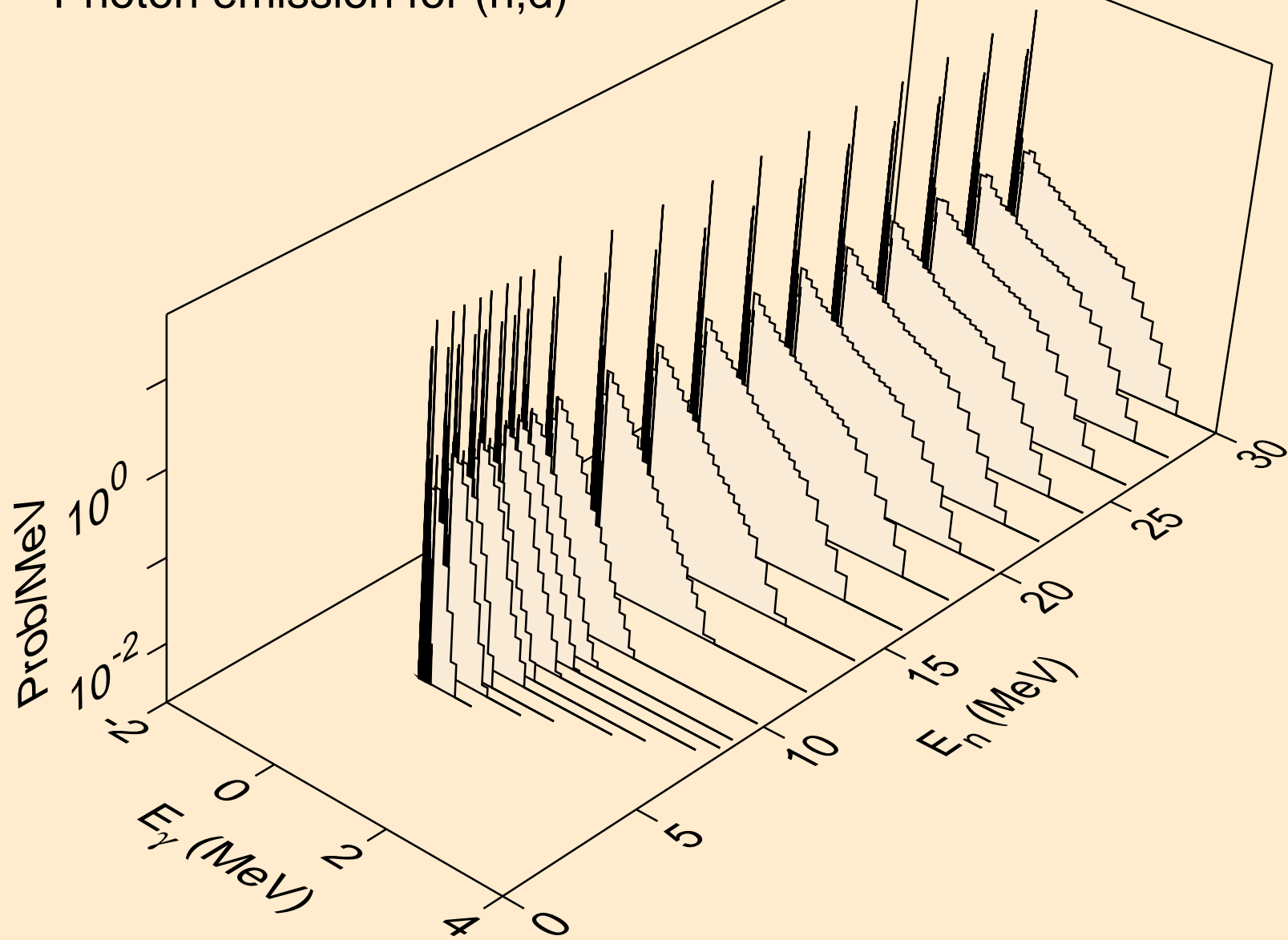
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Photon emission for (n,gma)



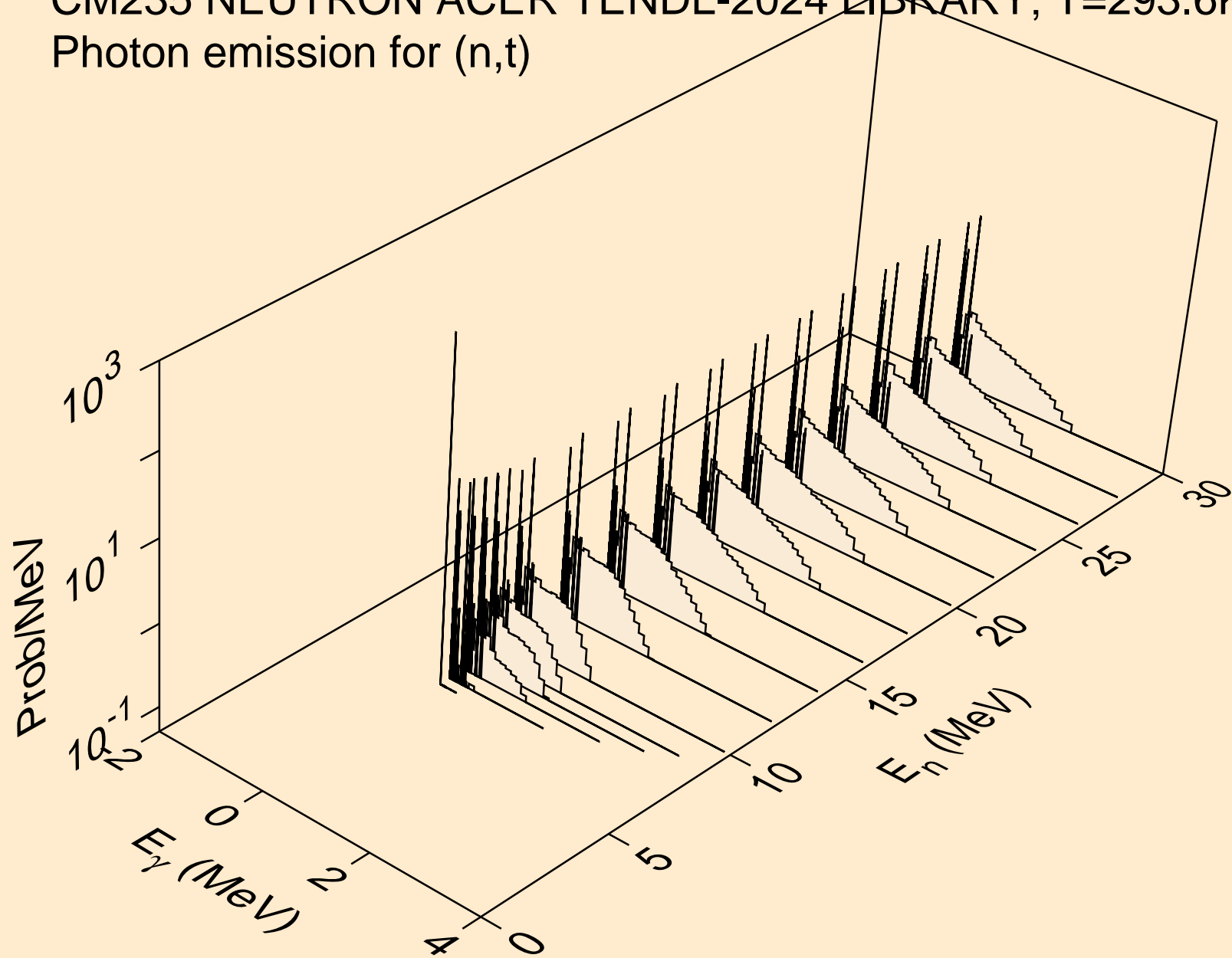
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Photon emission for (n,p)



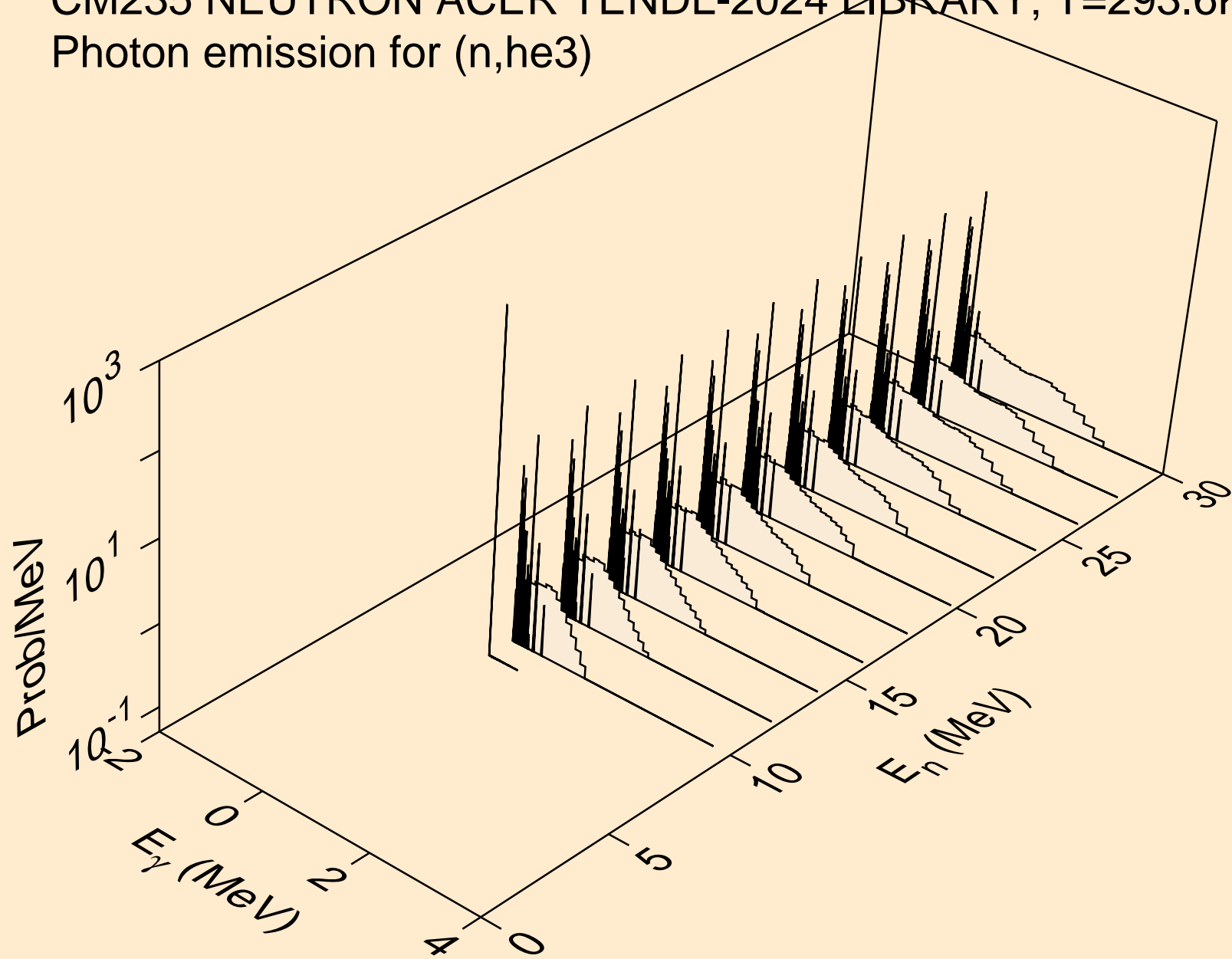
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Photon emission for (n,d)



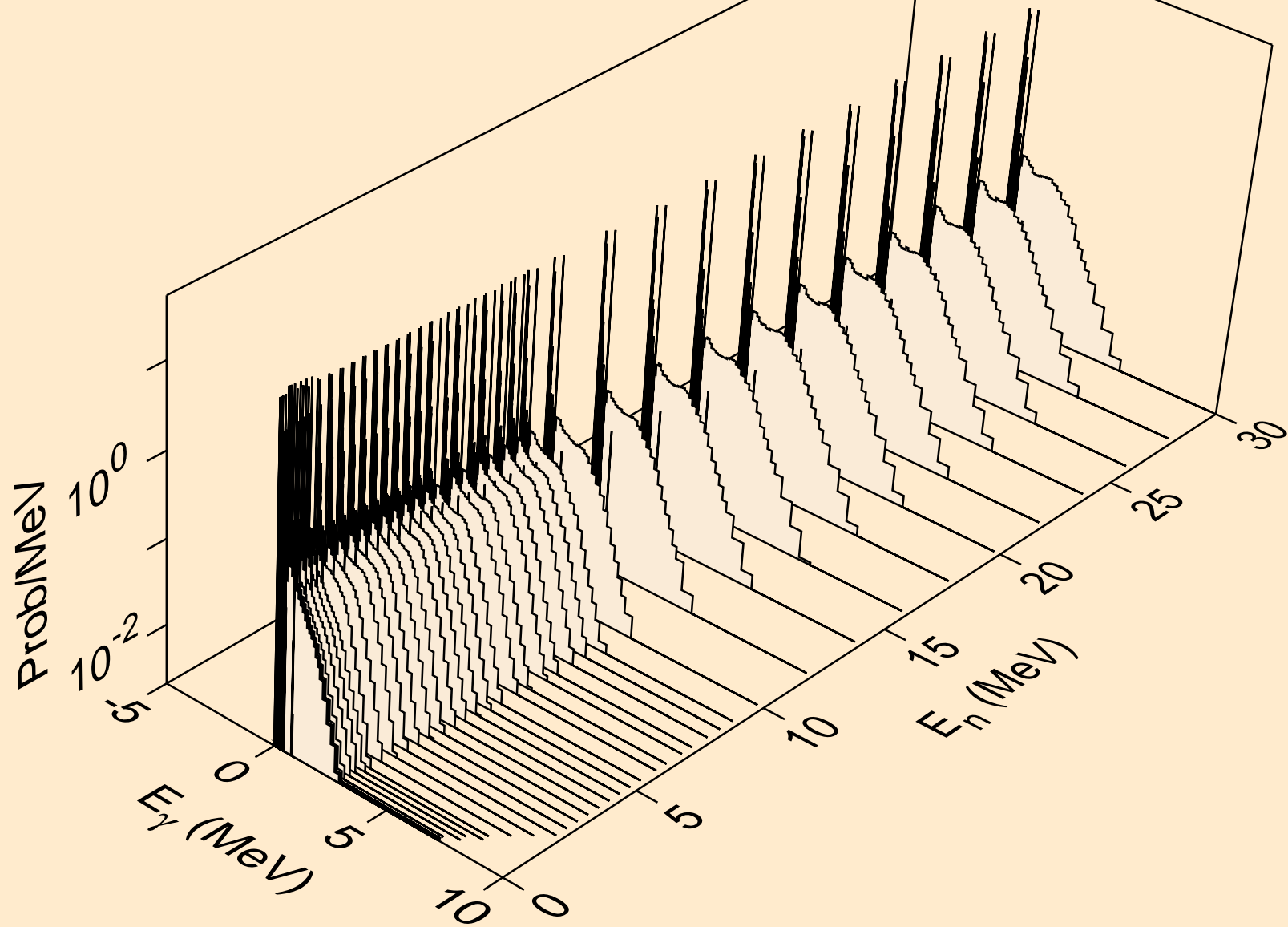
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



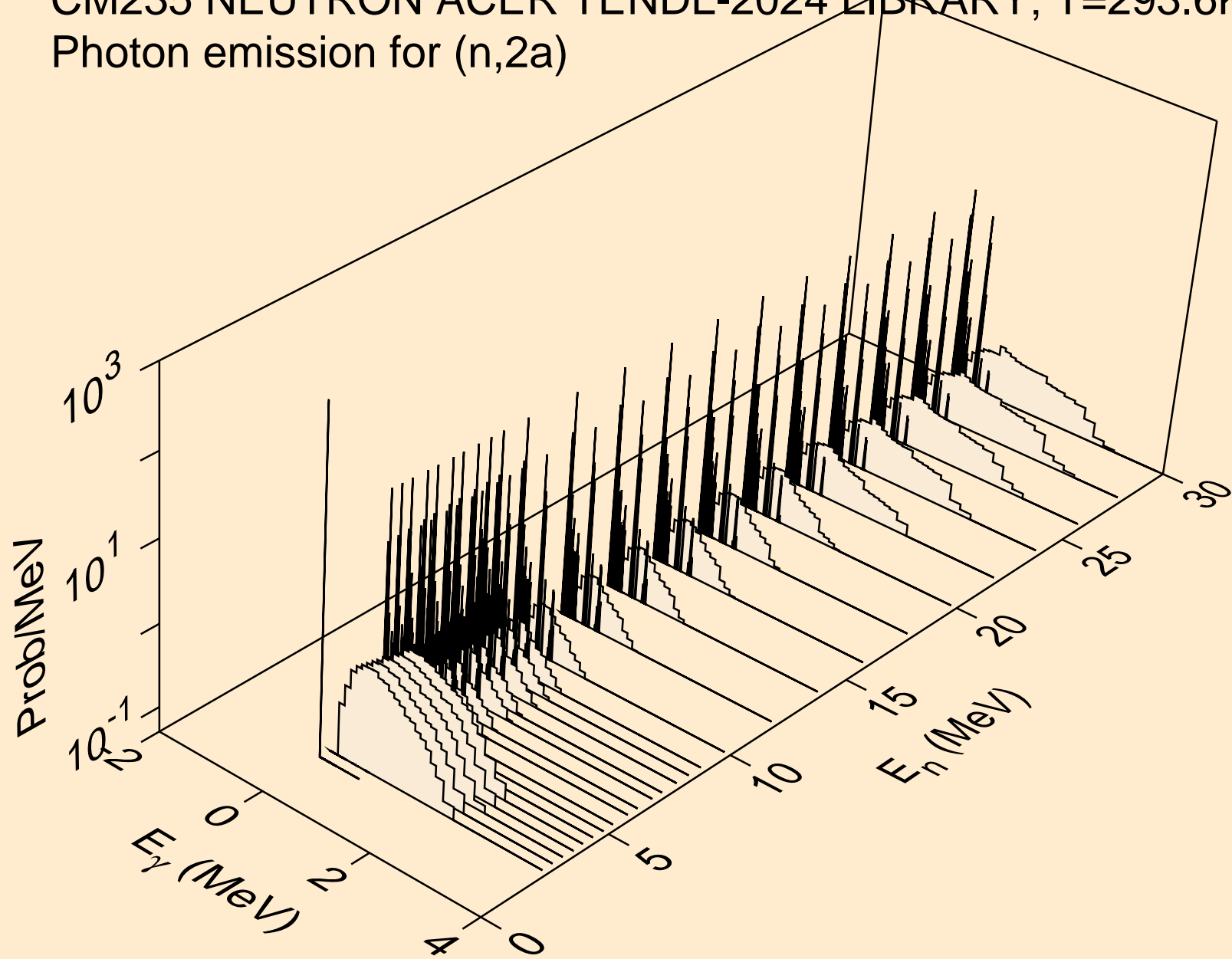
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Photon emission for (n,he3)



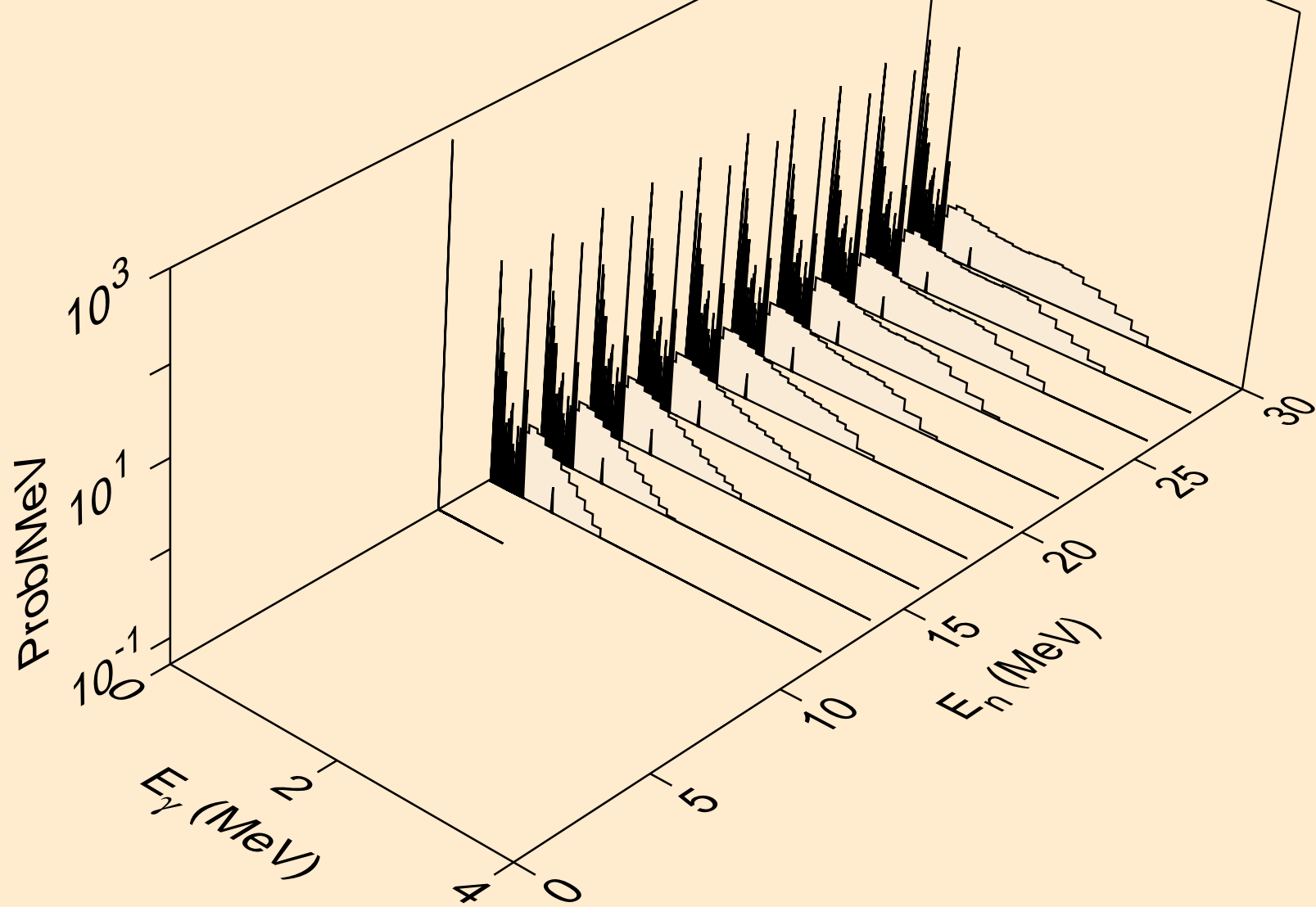
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Photon emission for (n,a)



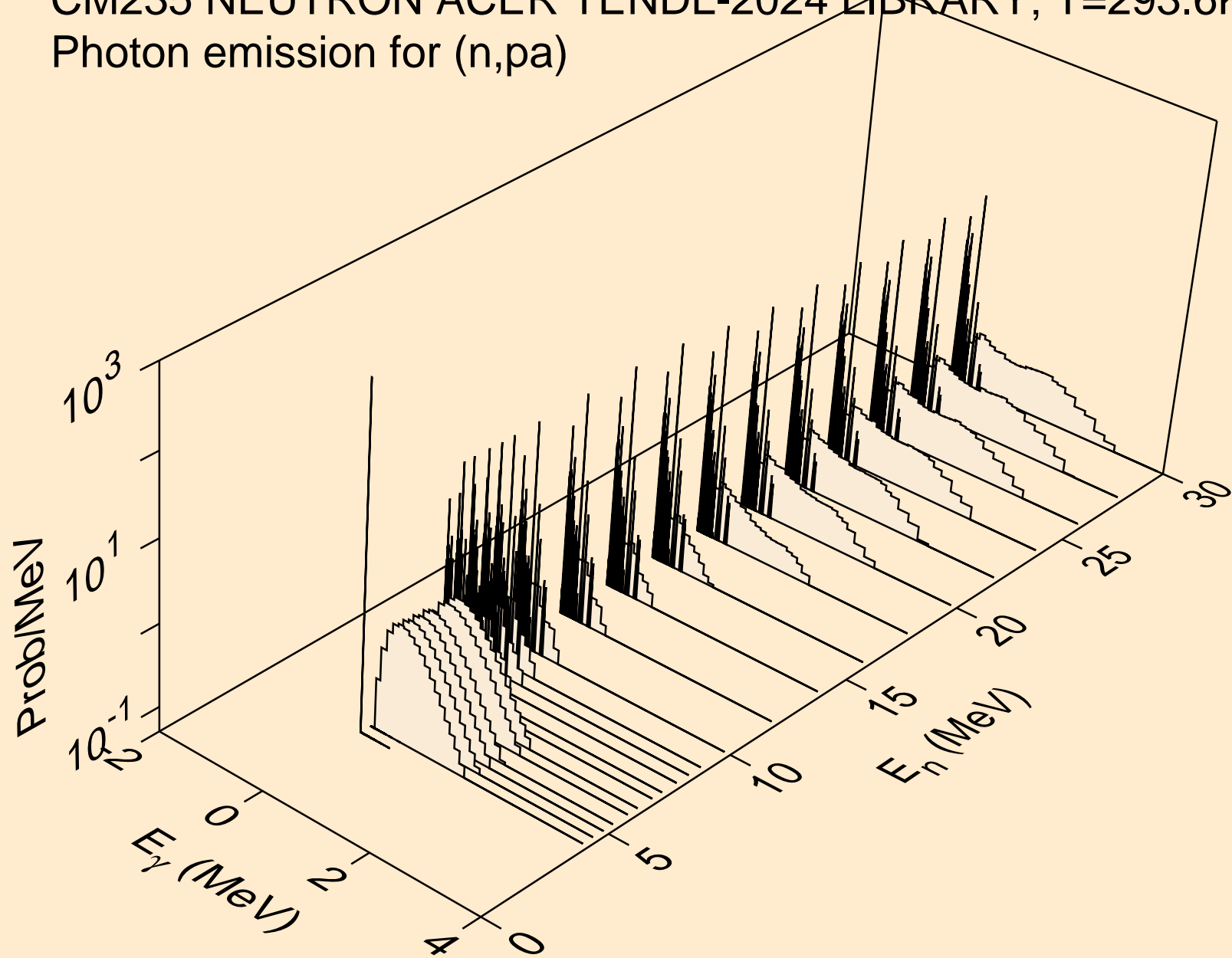
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Photon emission for (n,2a)



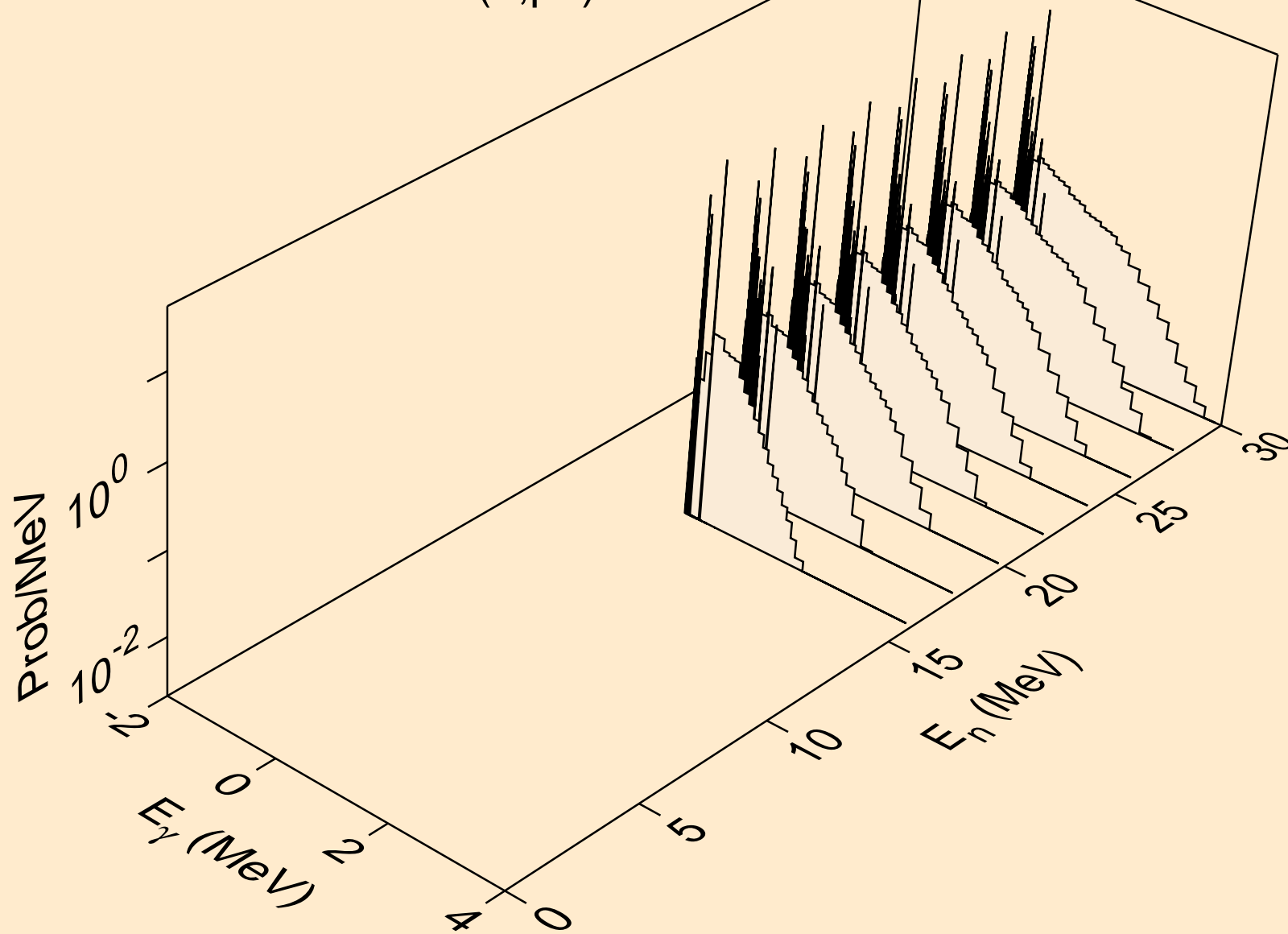
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Photon emission for (n,2p)



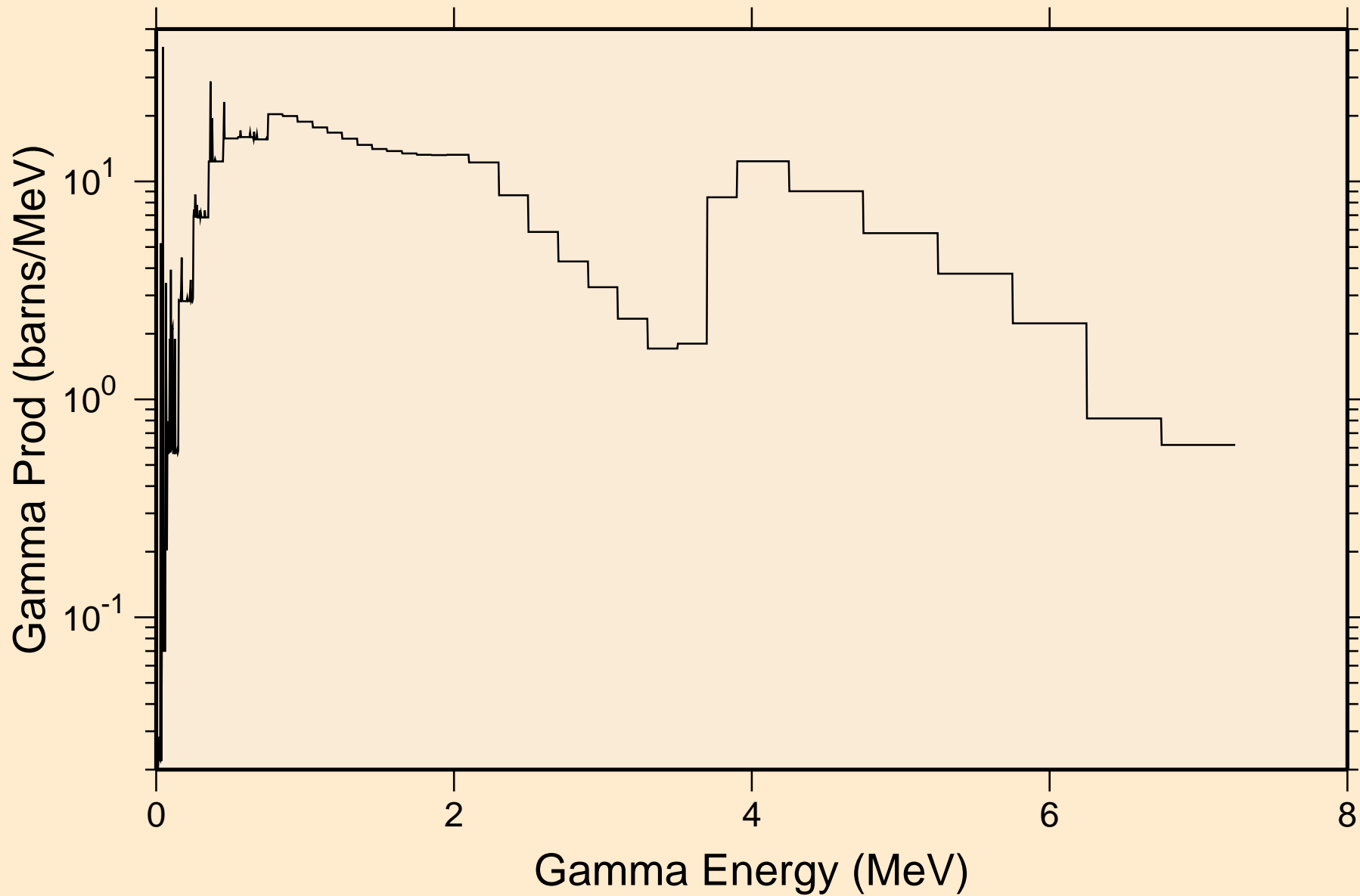
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p $\alpha$ )



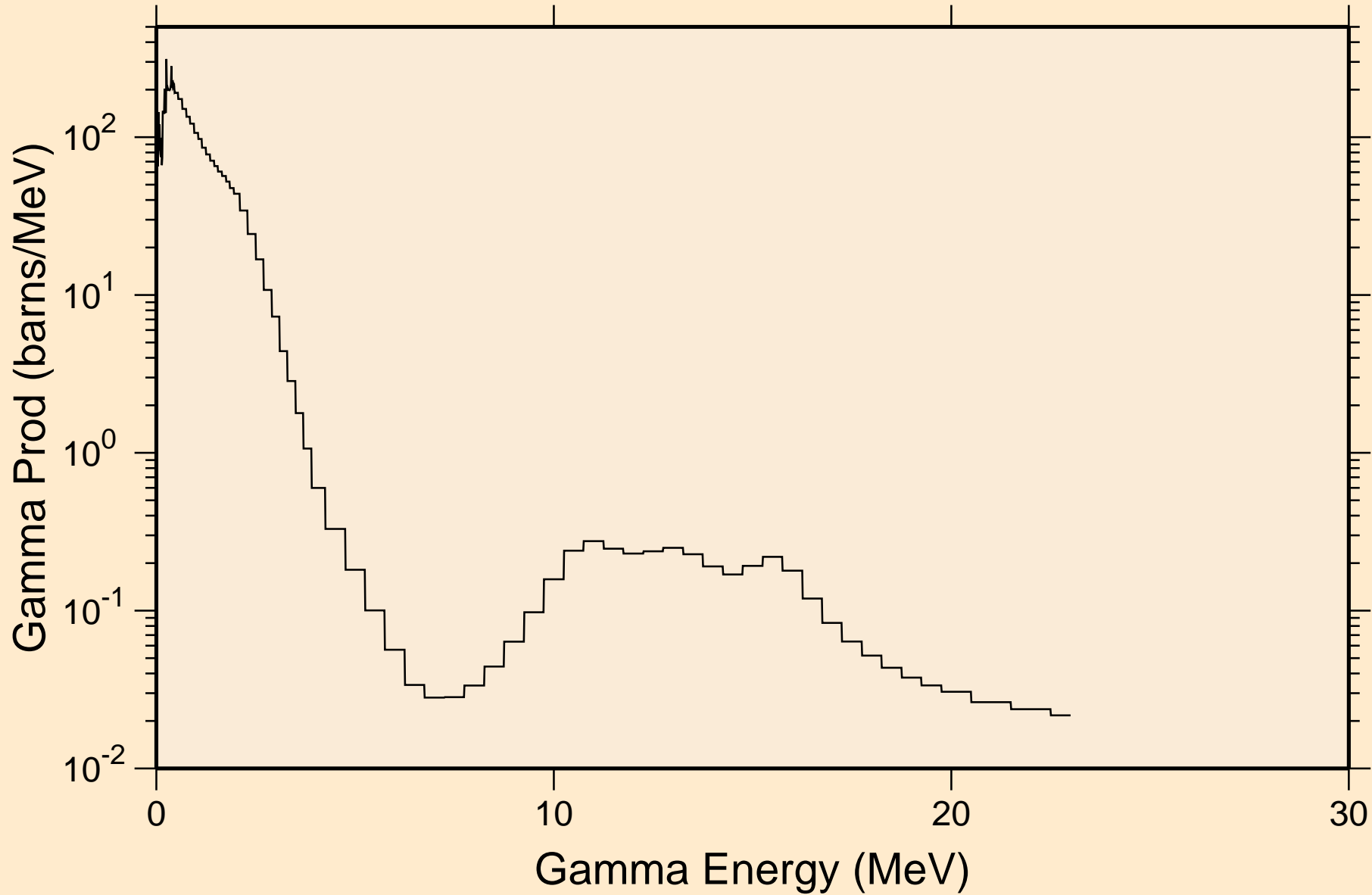
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,pd)



CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

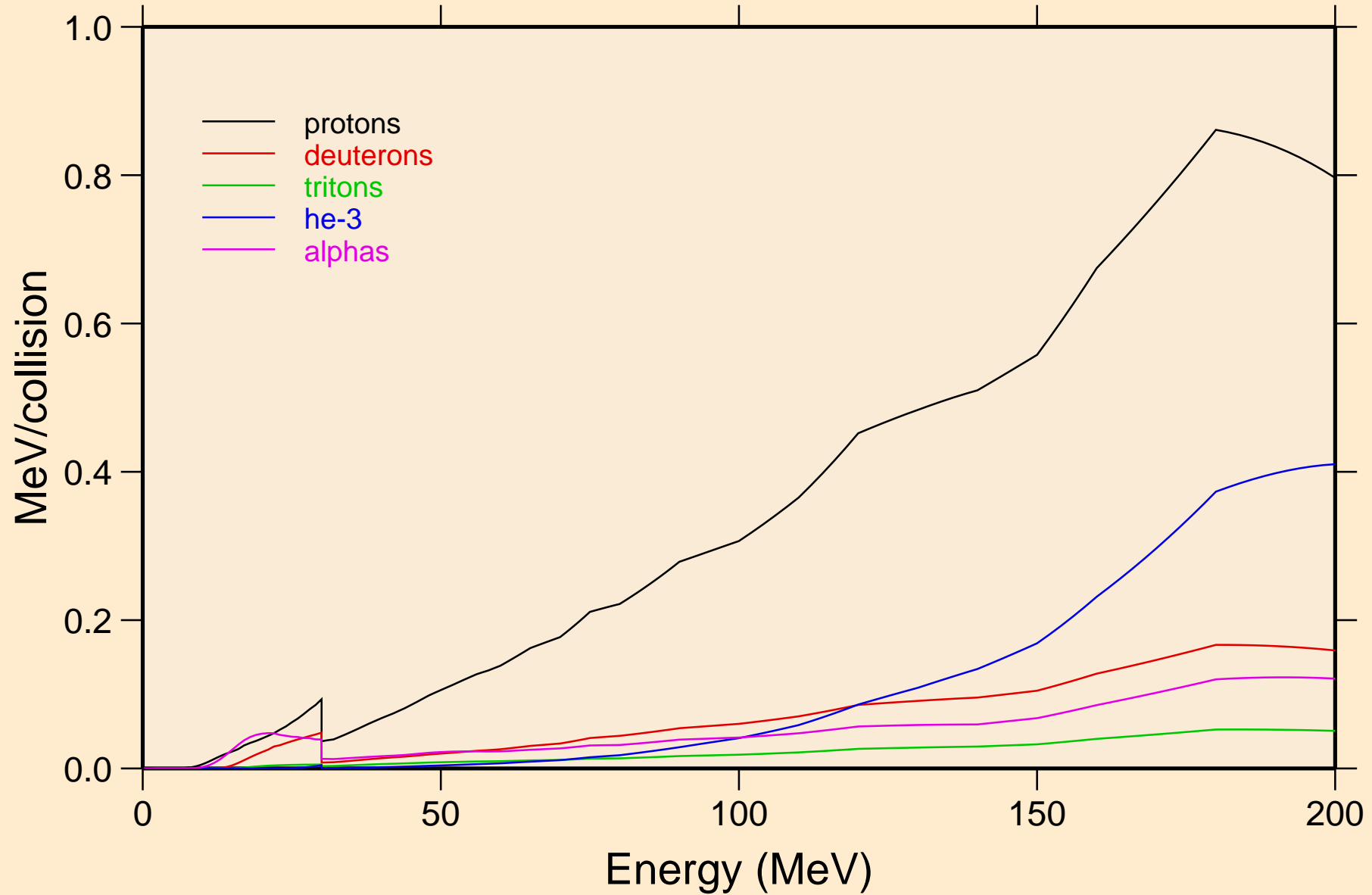


CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

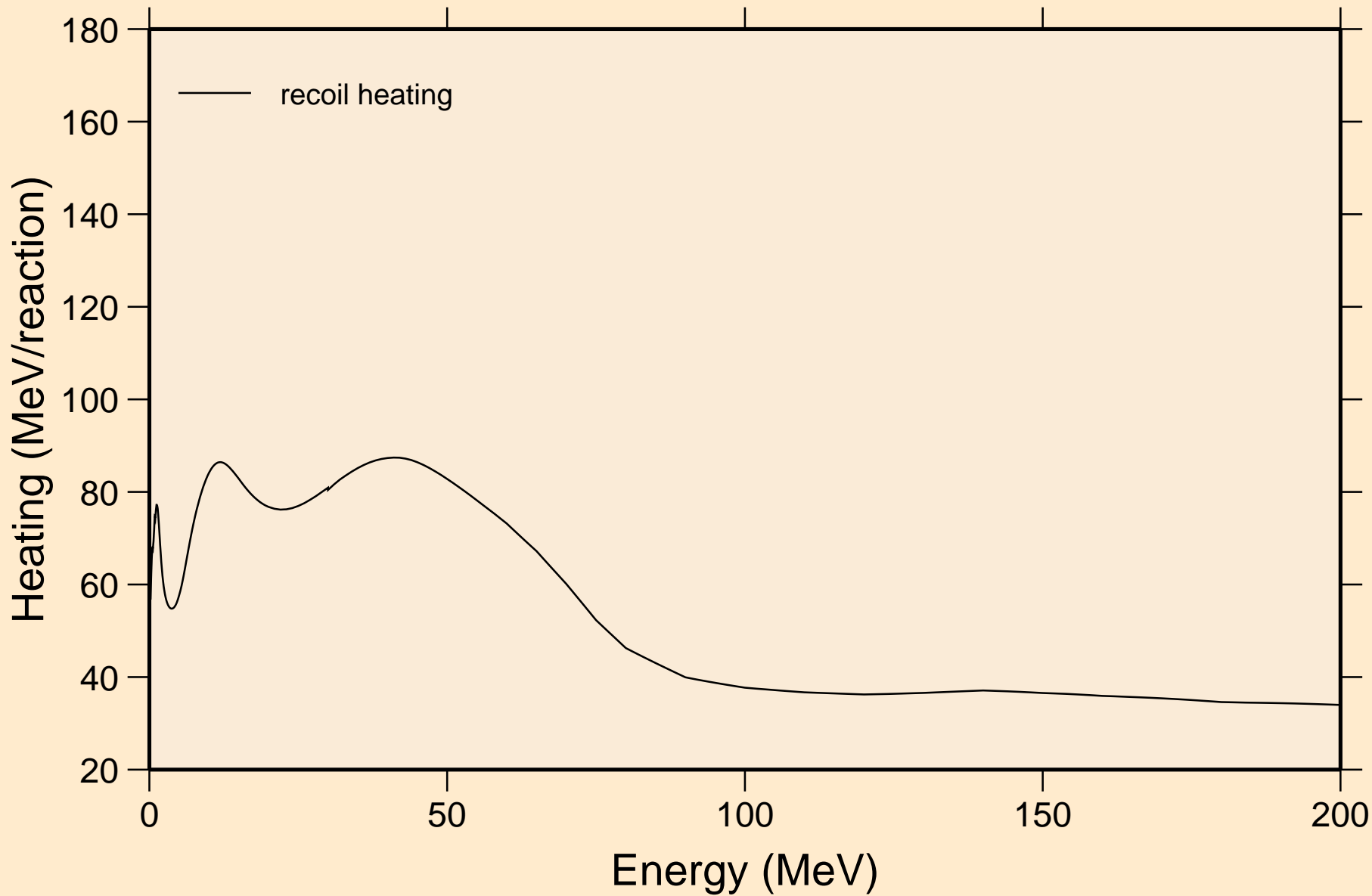


# CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Particle heating contributions

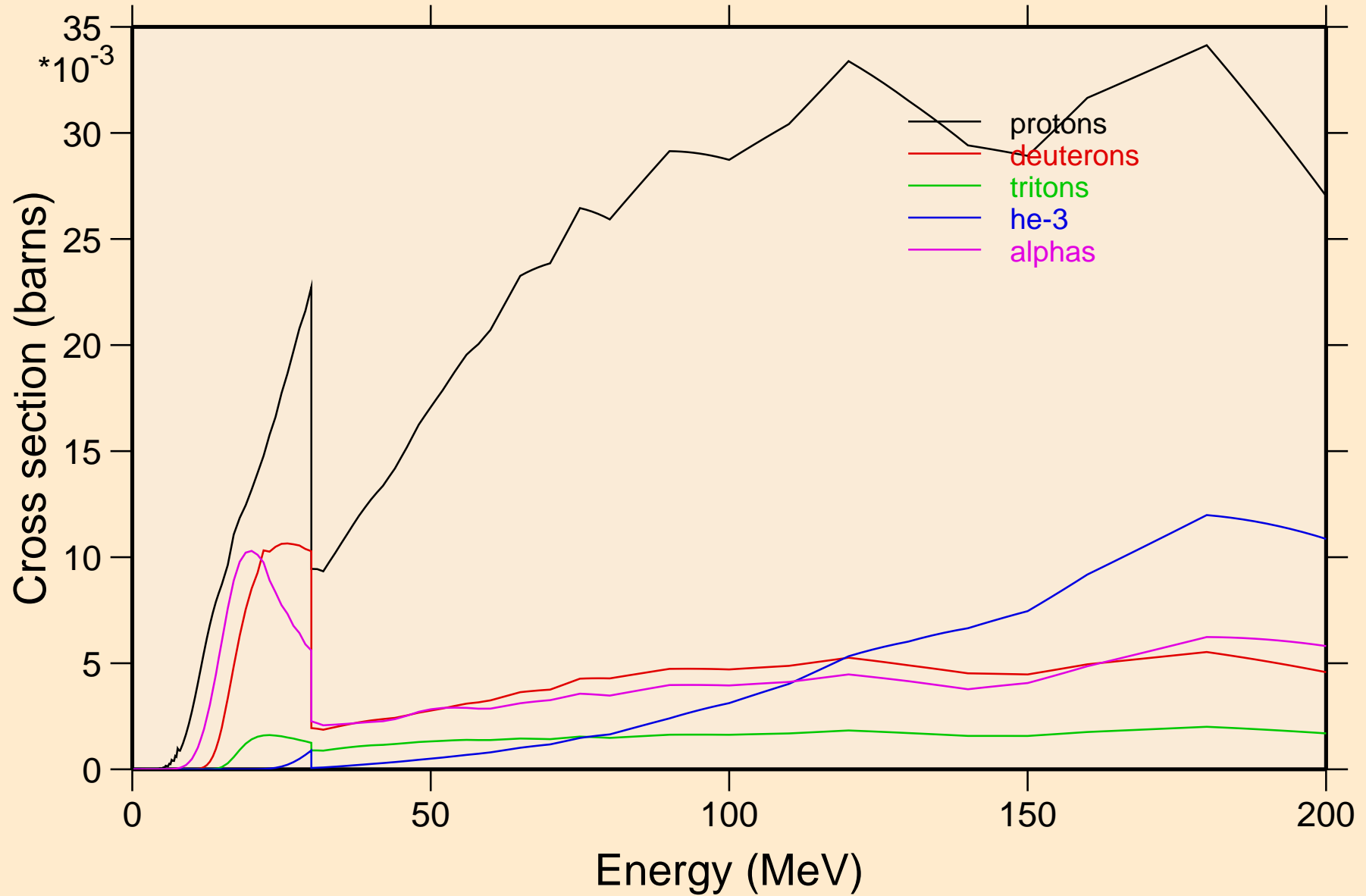


CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

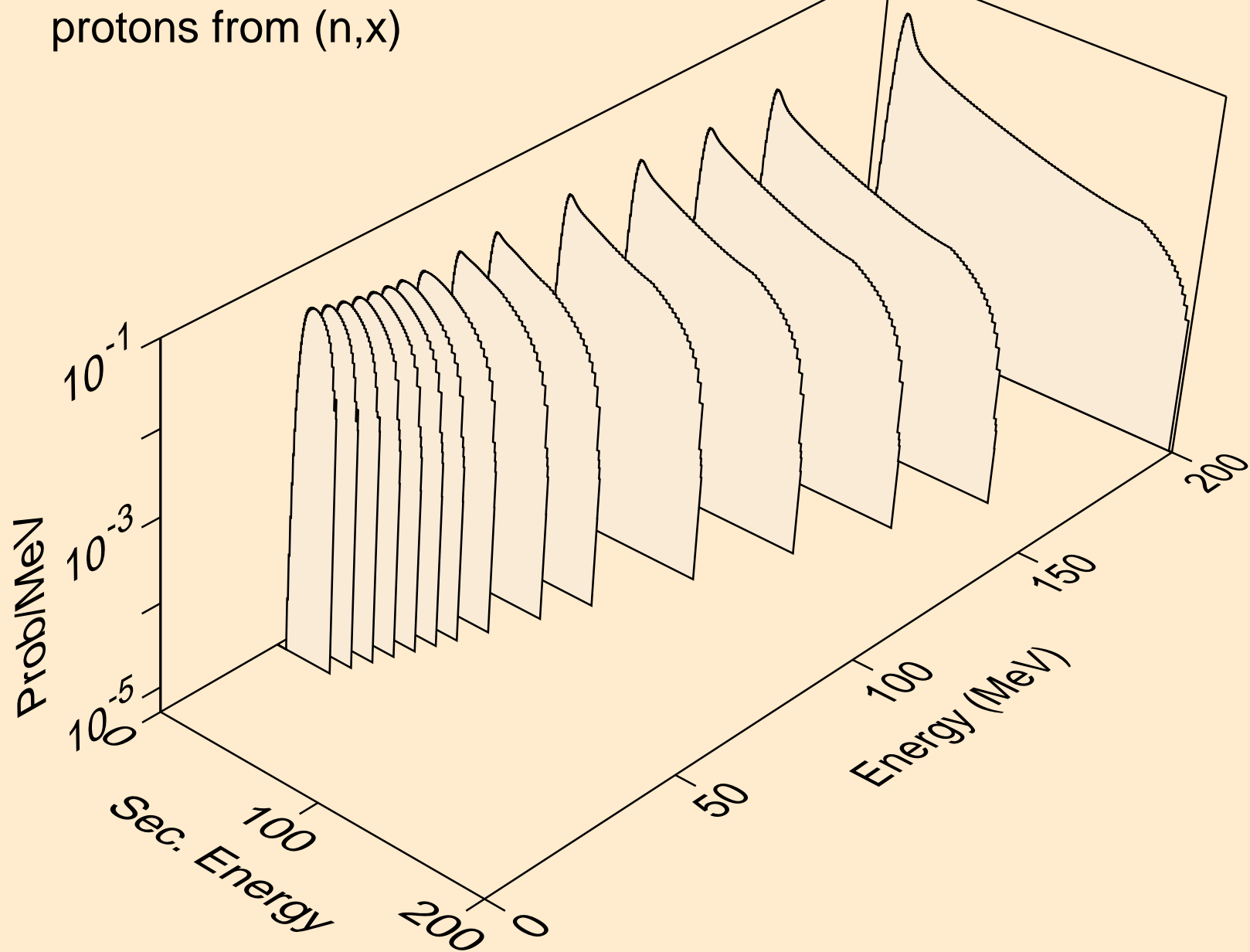


# CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

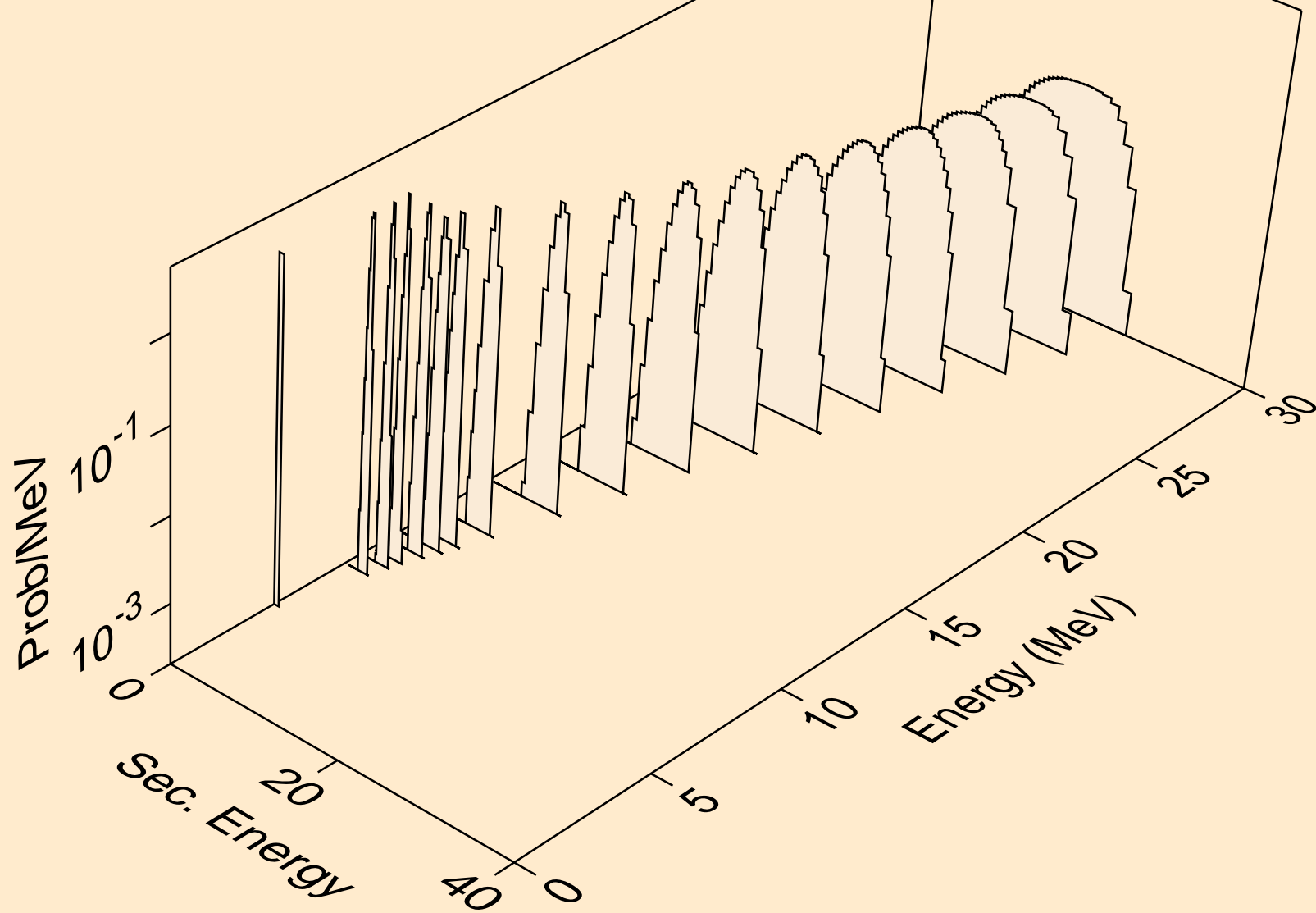
## Particle production cross sections



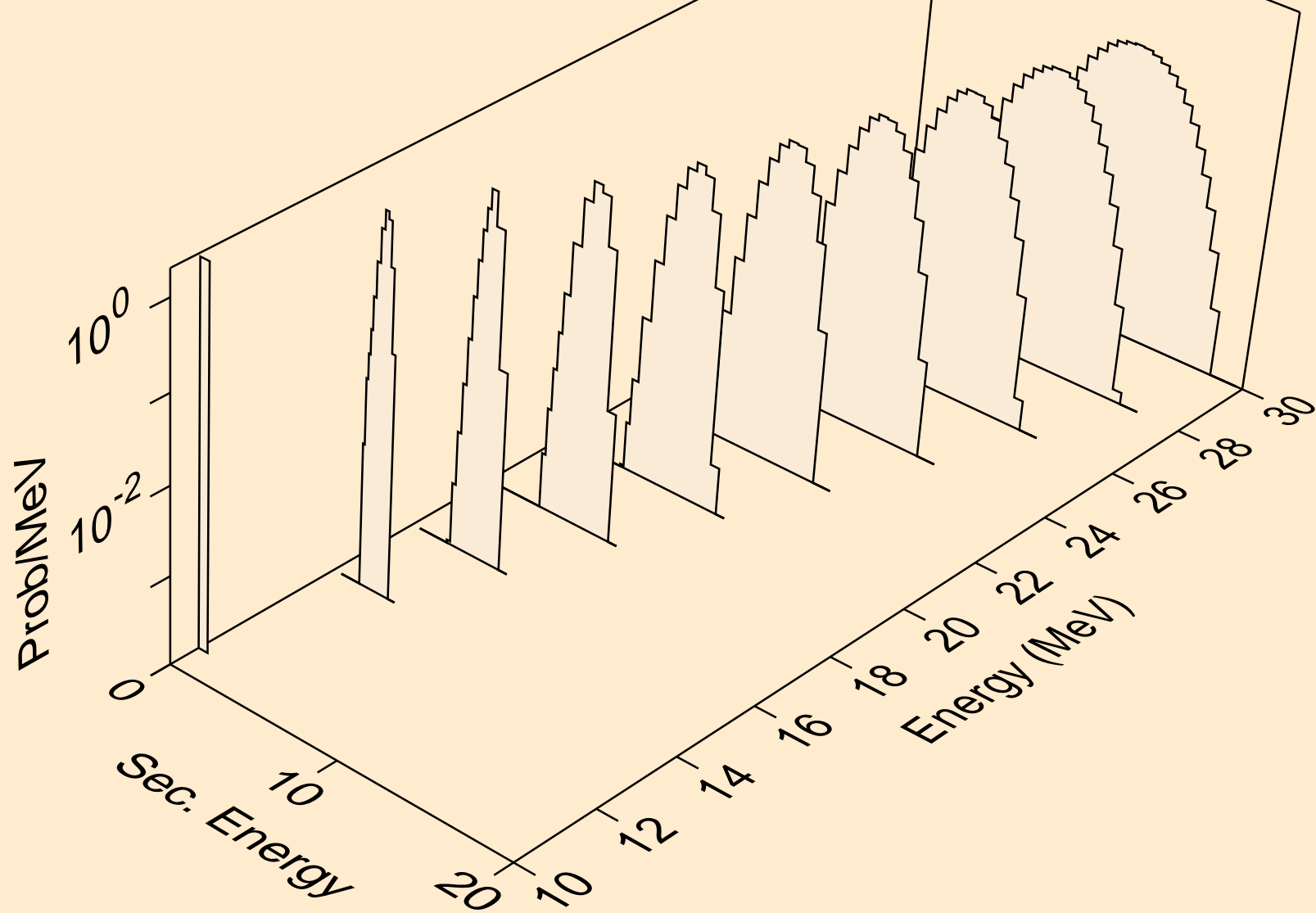
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



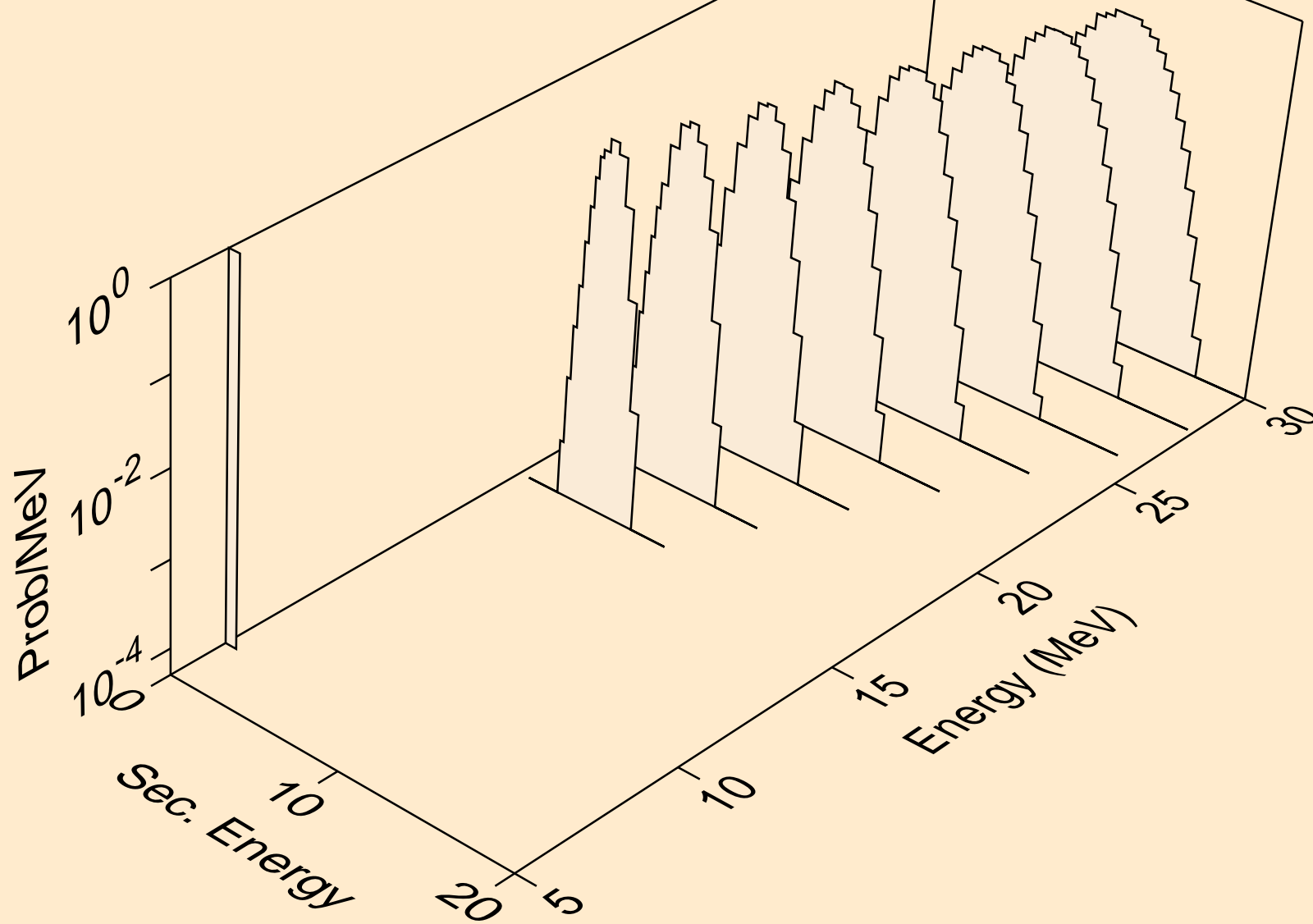
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protons from (n,n\*)p



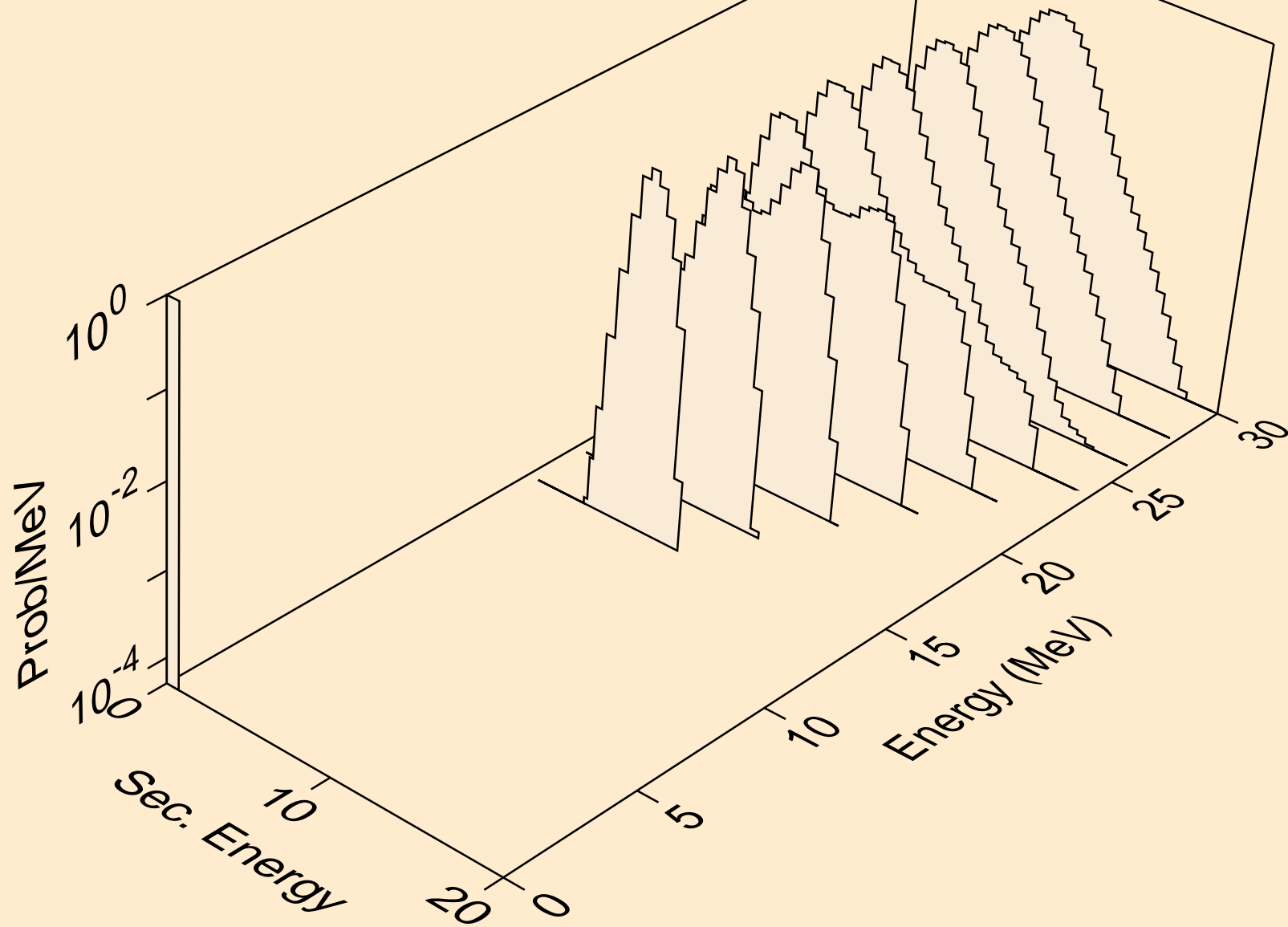
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protons from (n,2np)



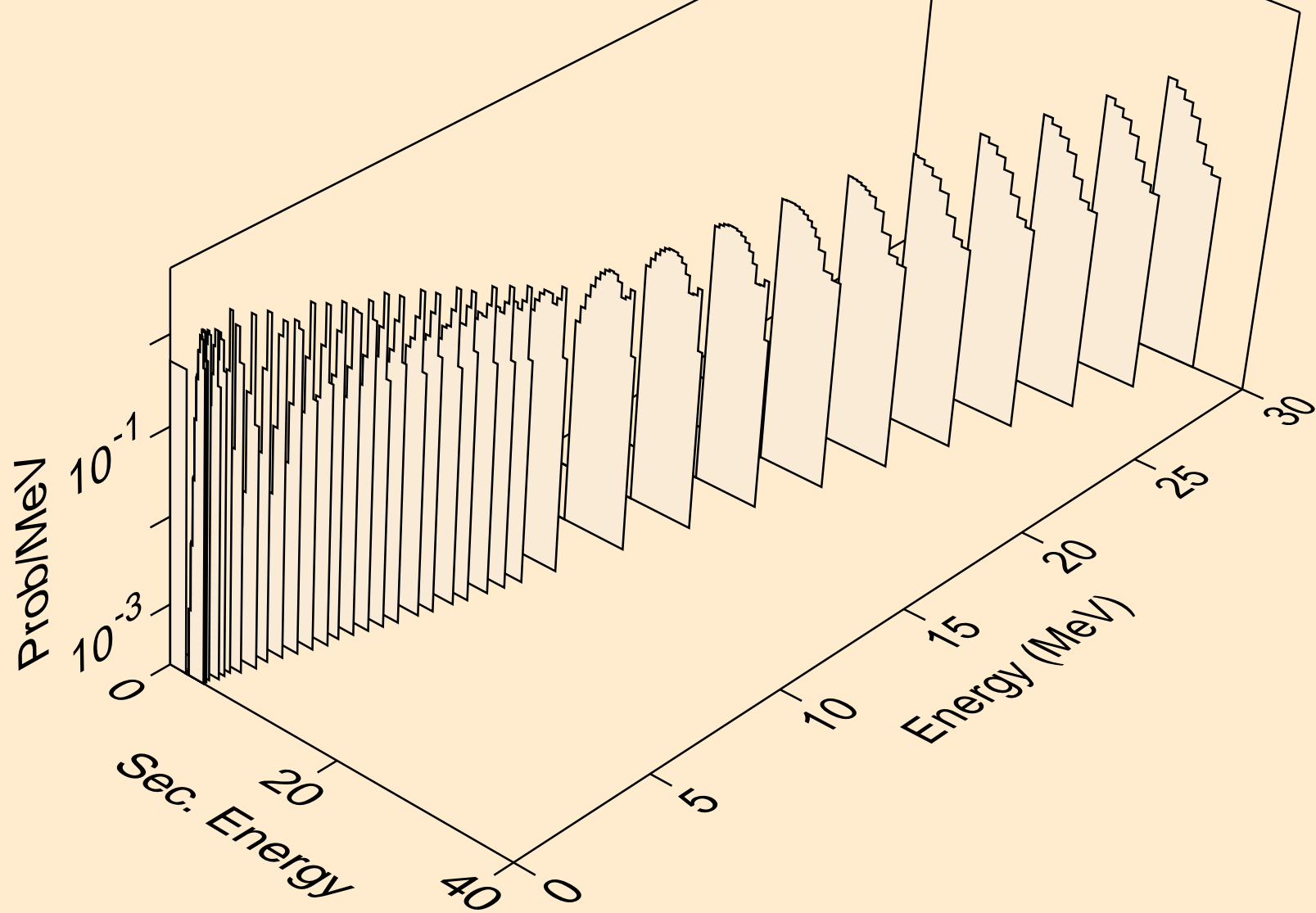
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protons from (n,n2p)



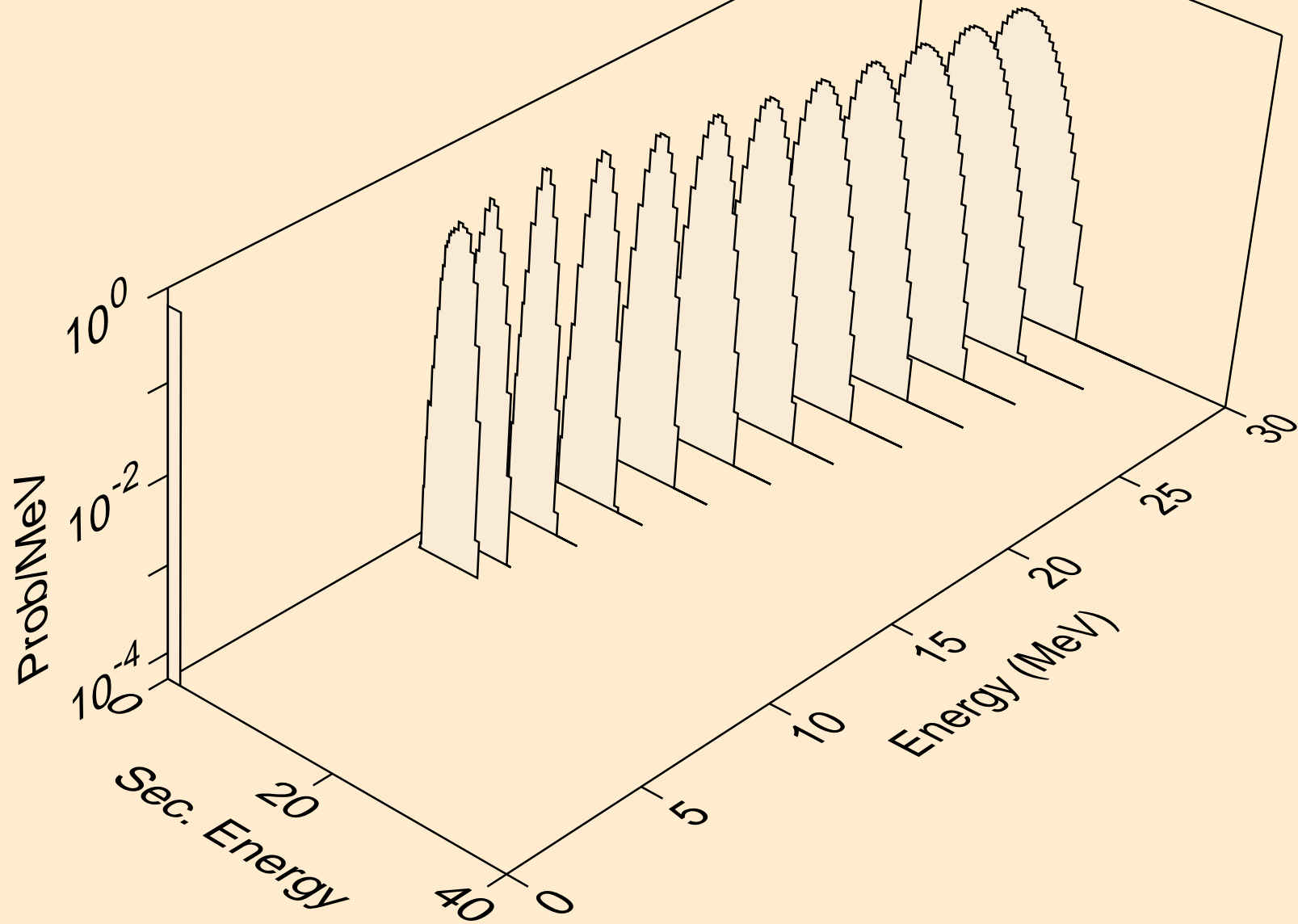
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protons from (n,npa)



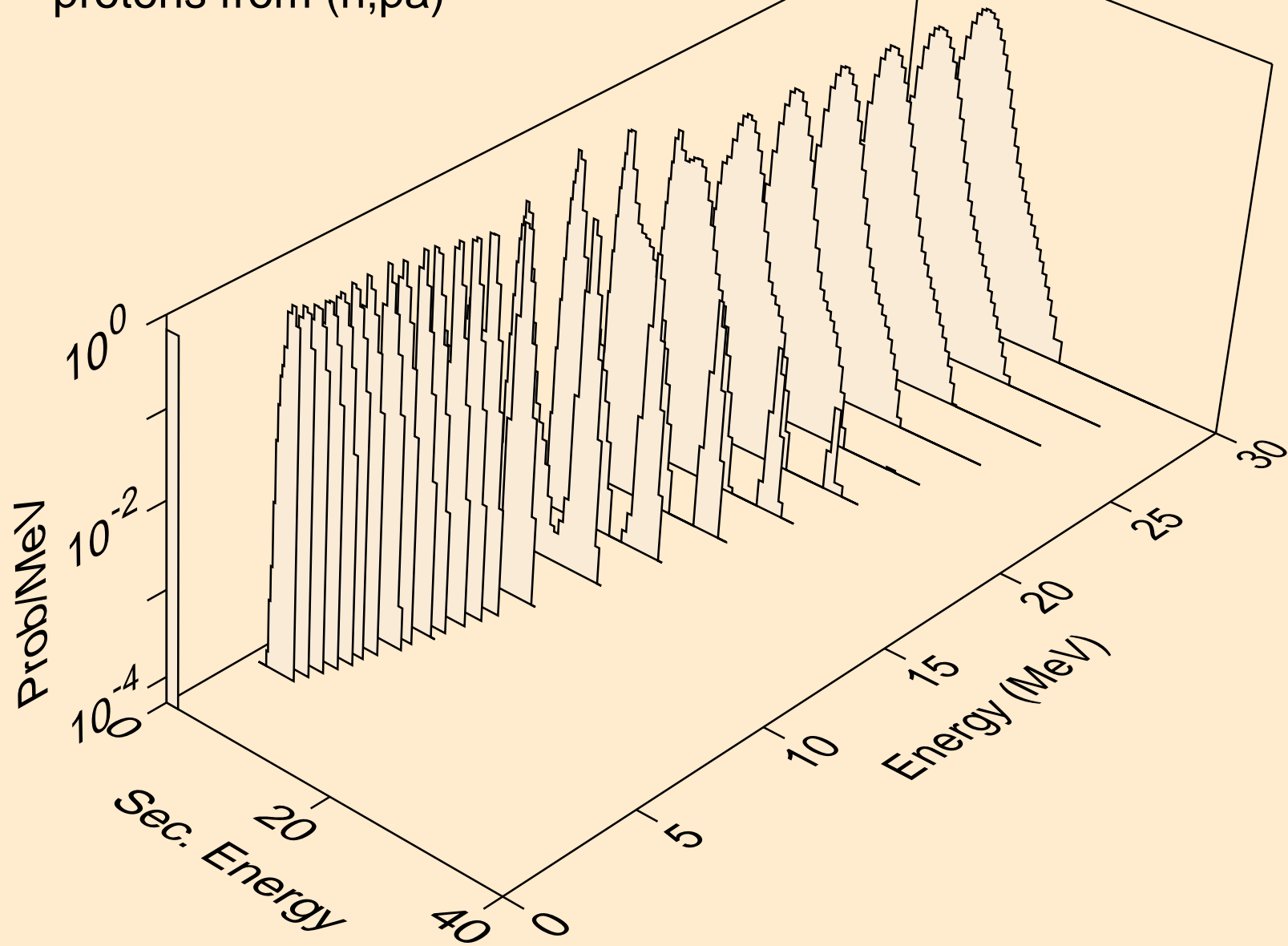
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protons from (n,p)



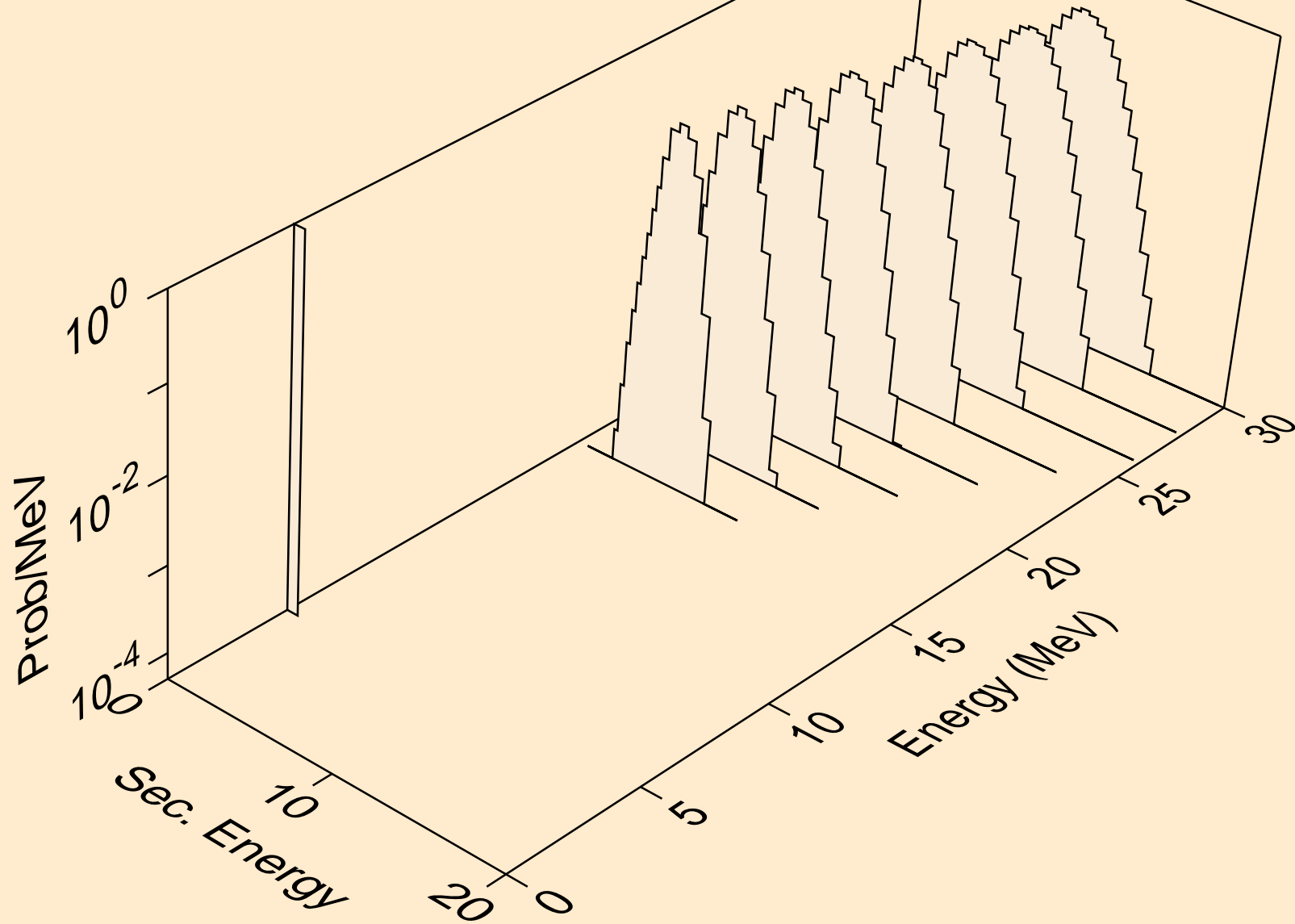
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protons from (n,2p)



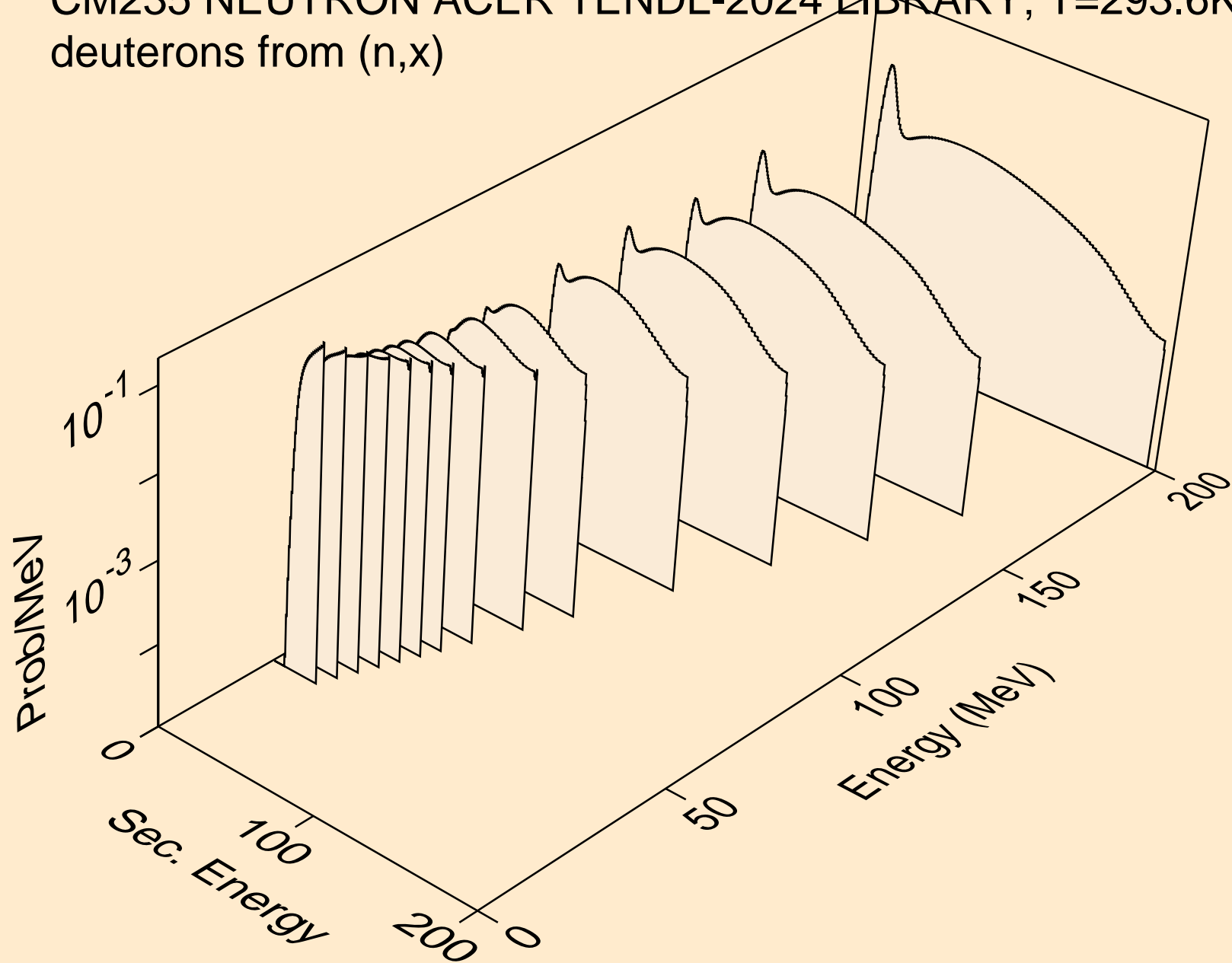
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protons from (n,p)



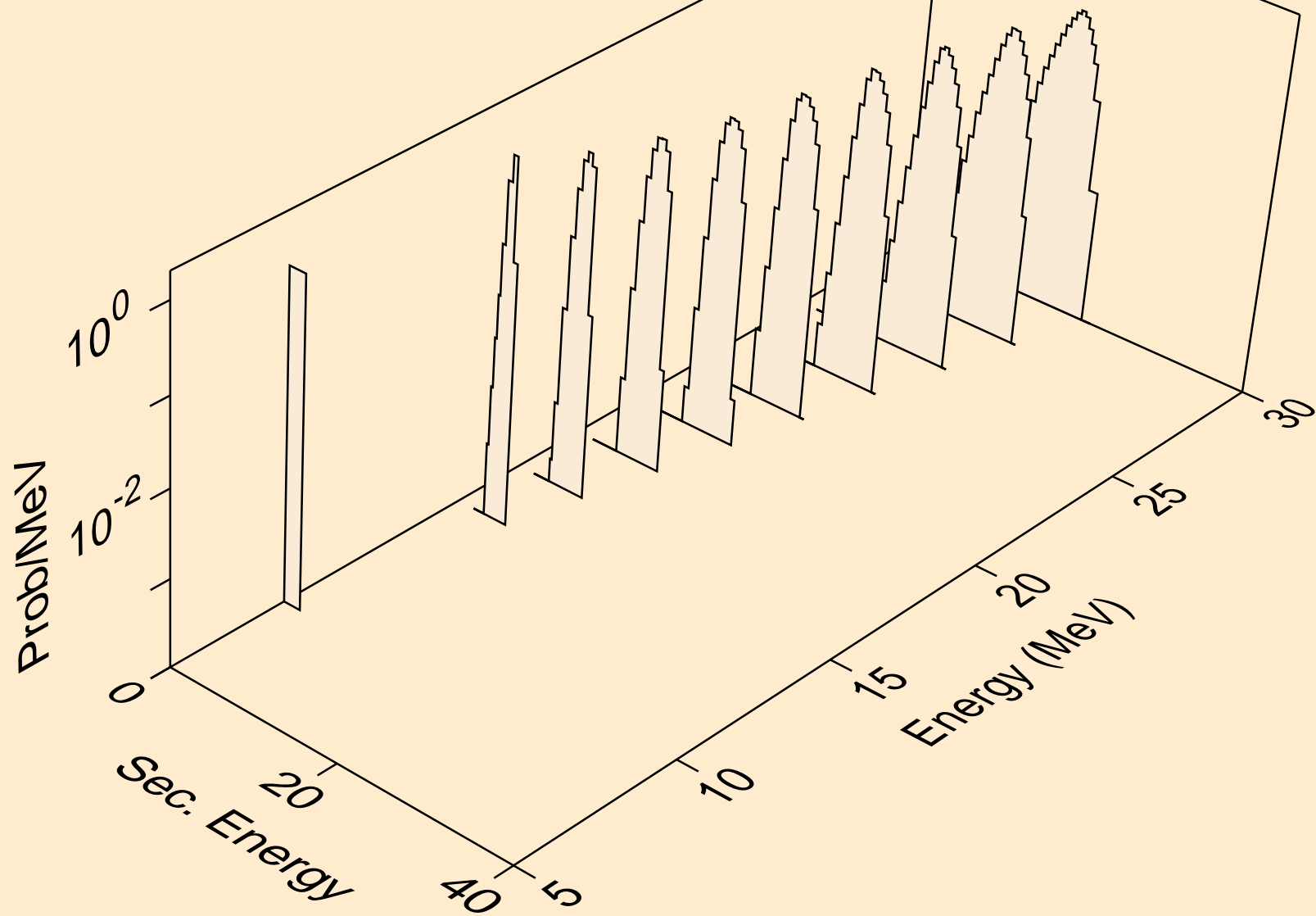
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protons from (n,pd)



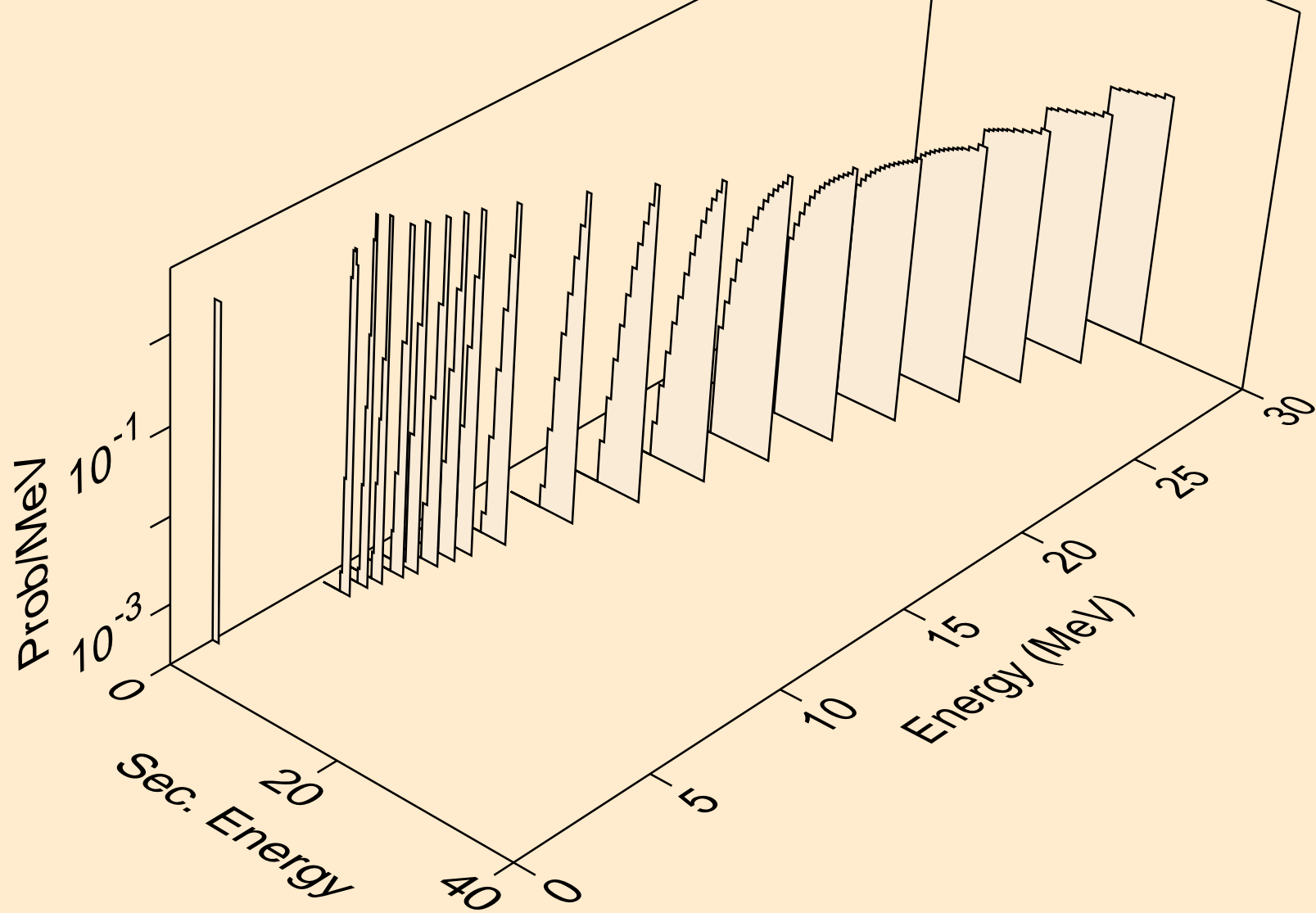
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



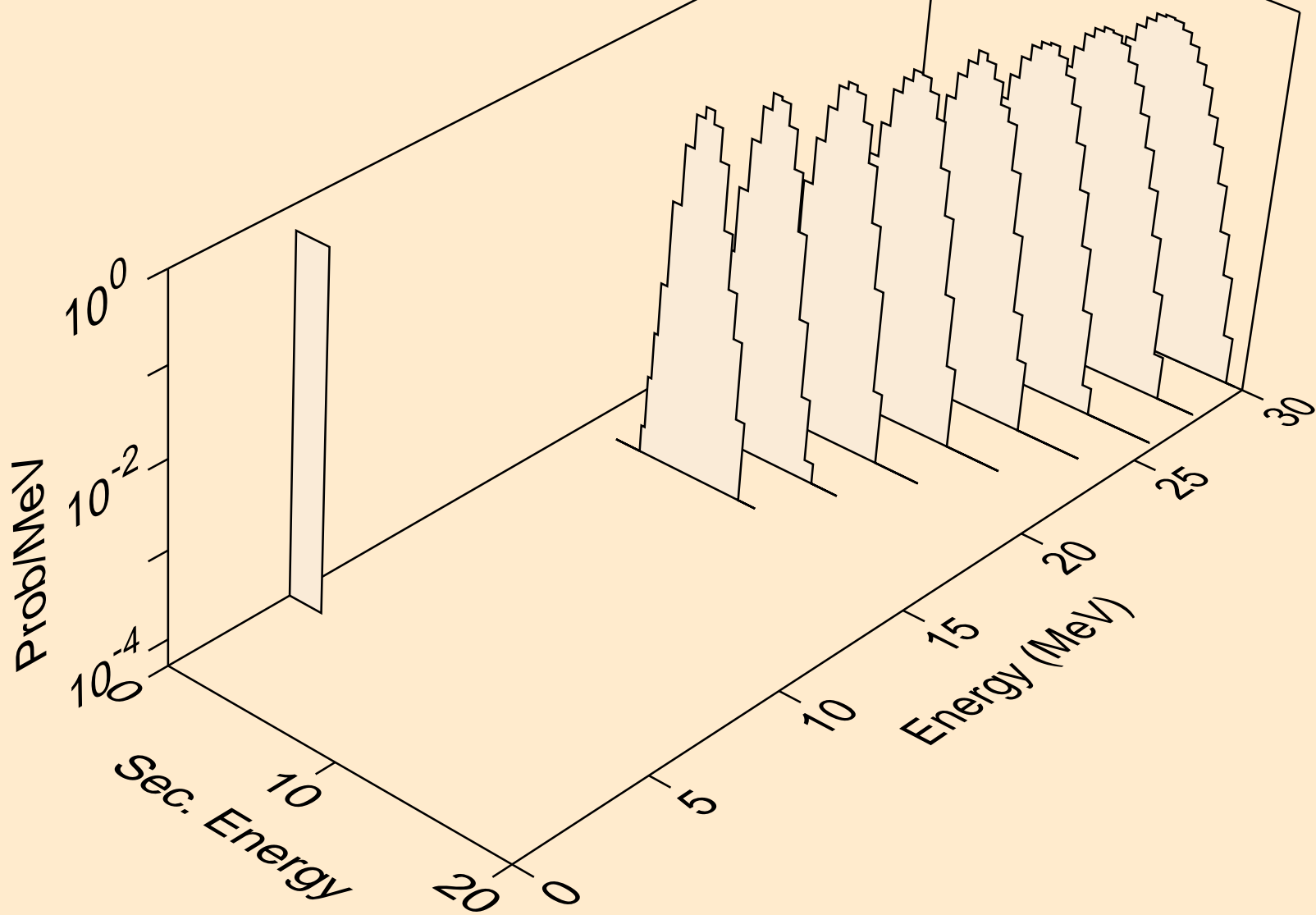
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deuterons from (n,n\*)d



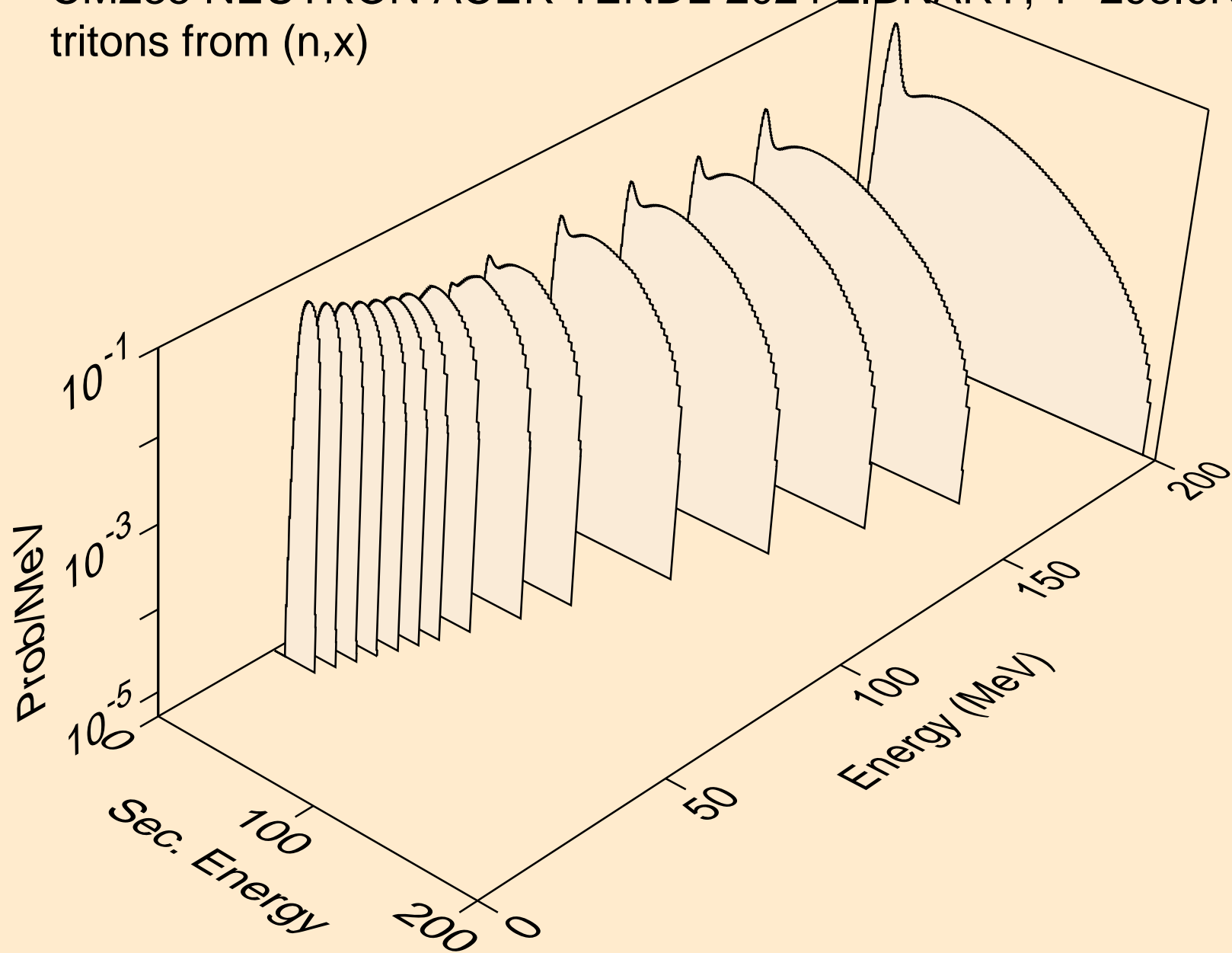
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deuterons from (n,d)



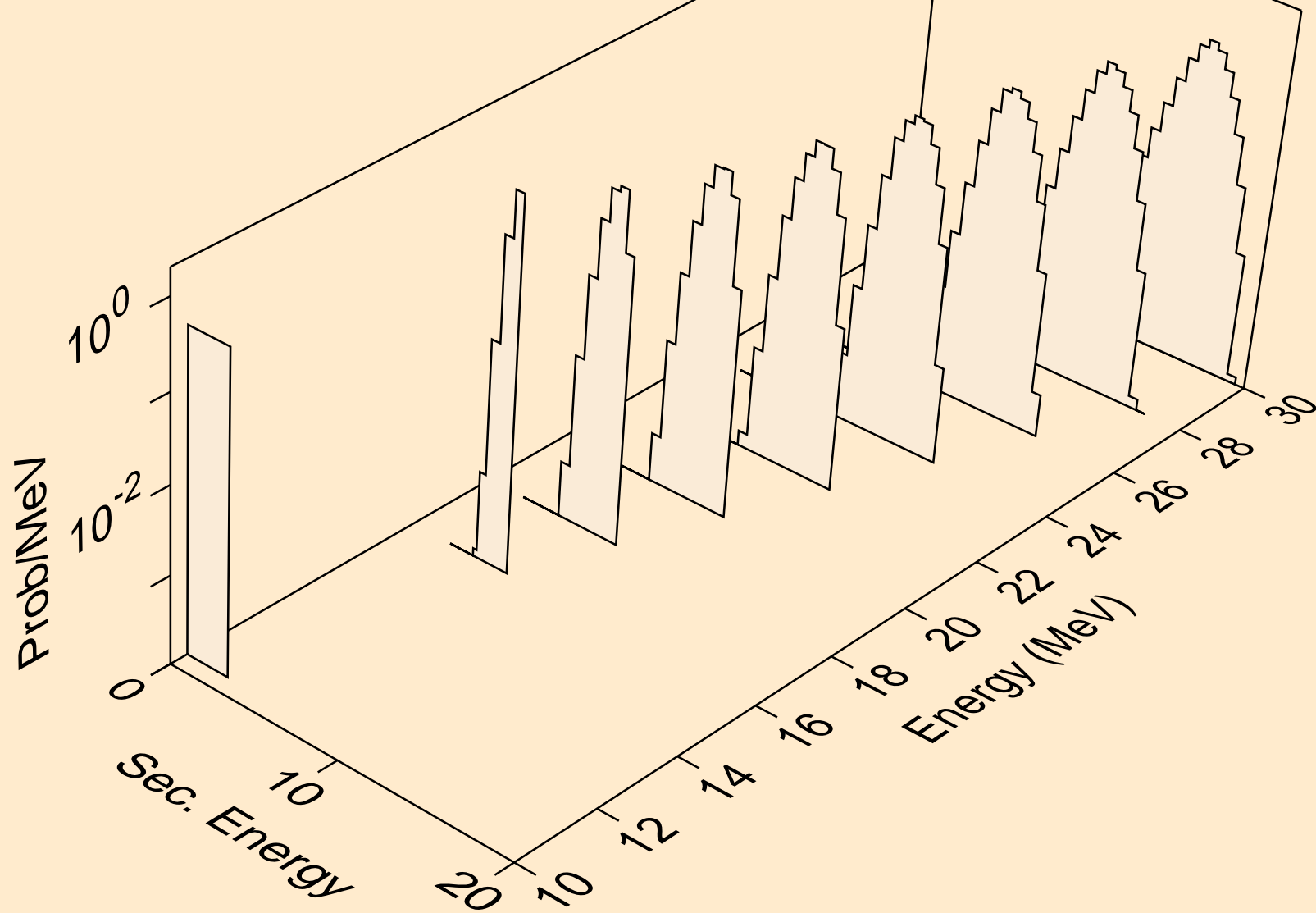
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deuterons from (n,pd)



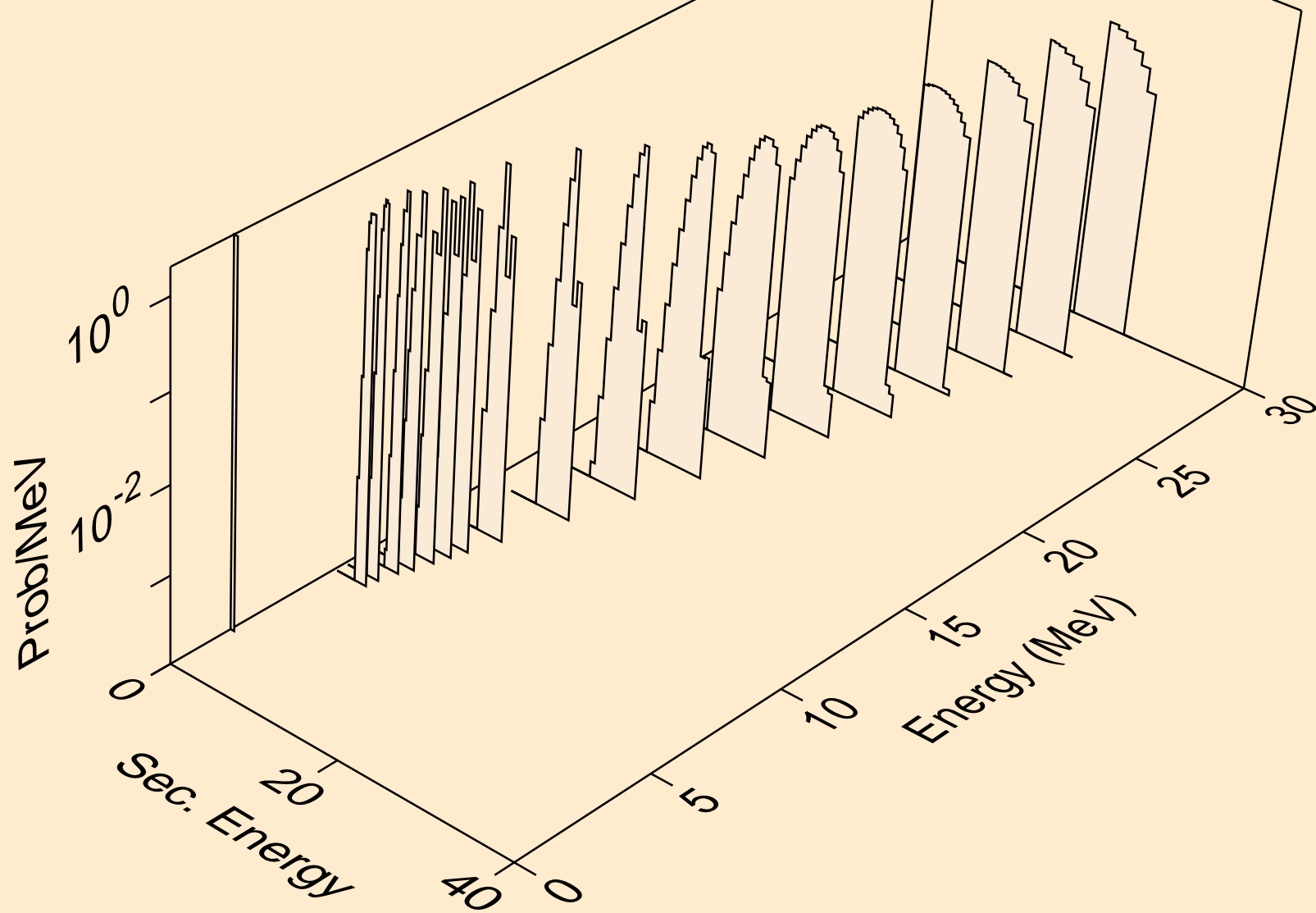
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



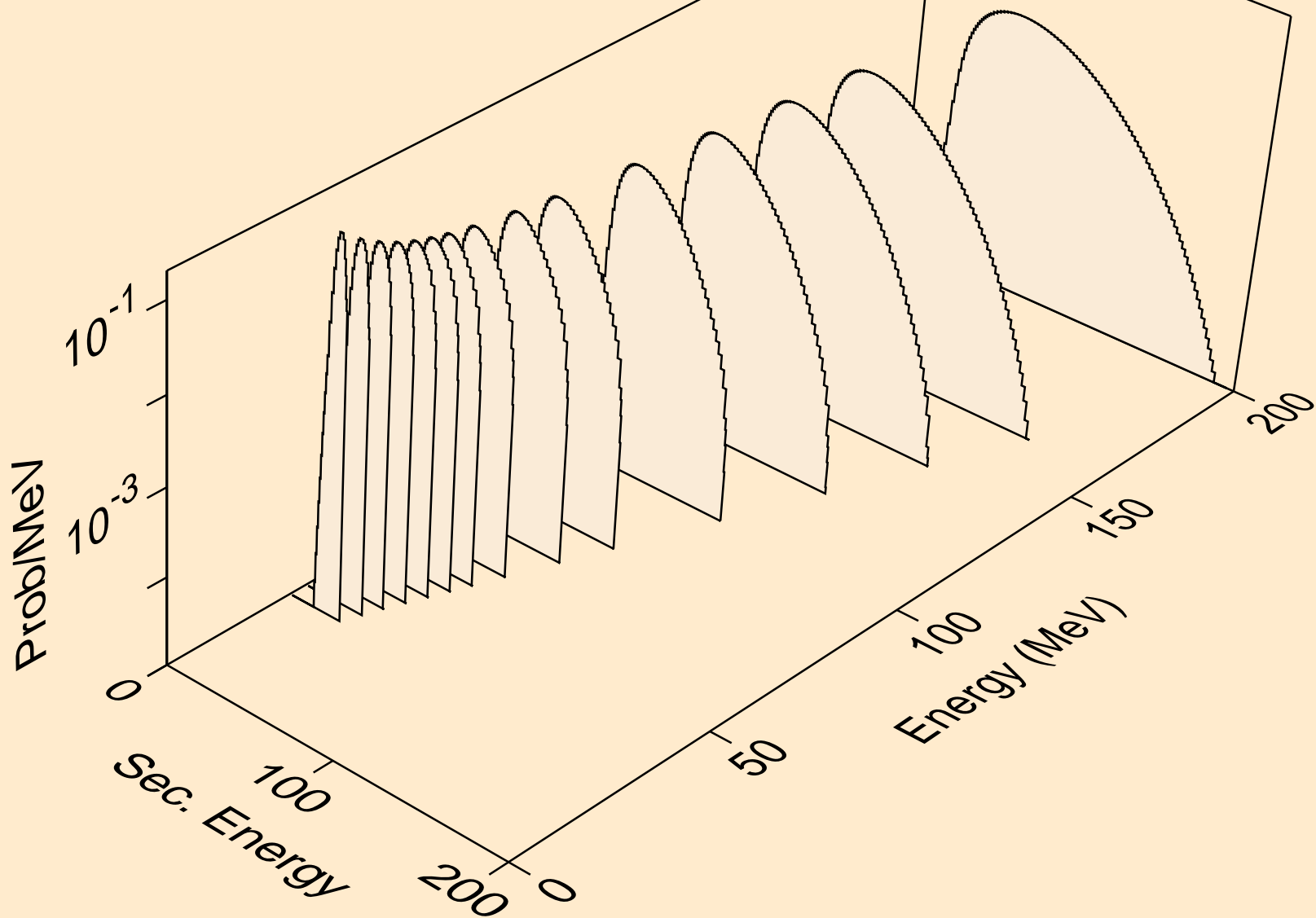
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



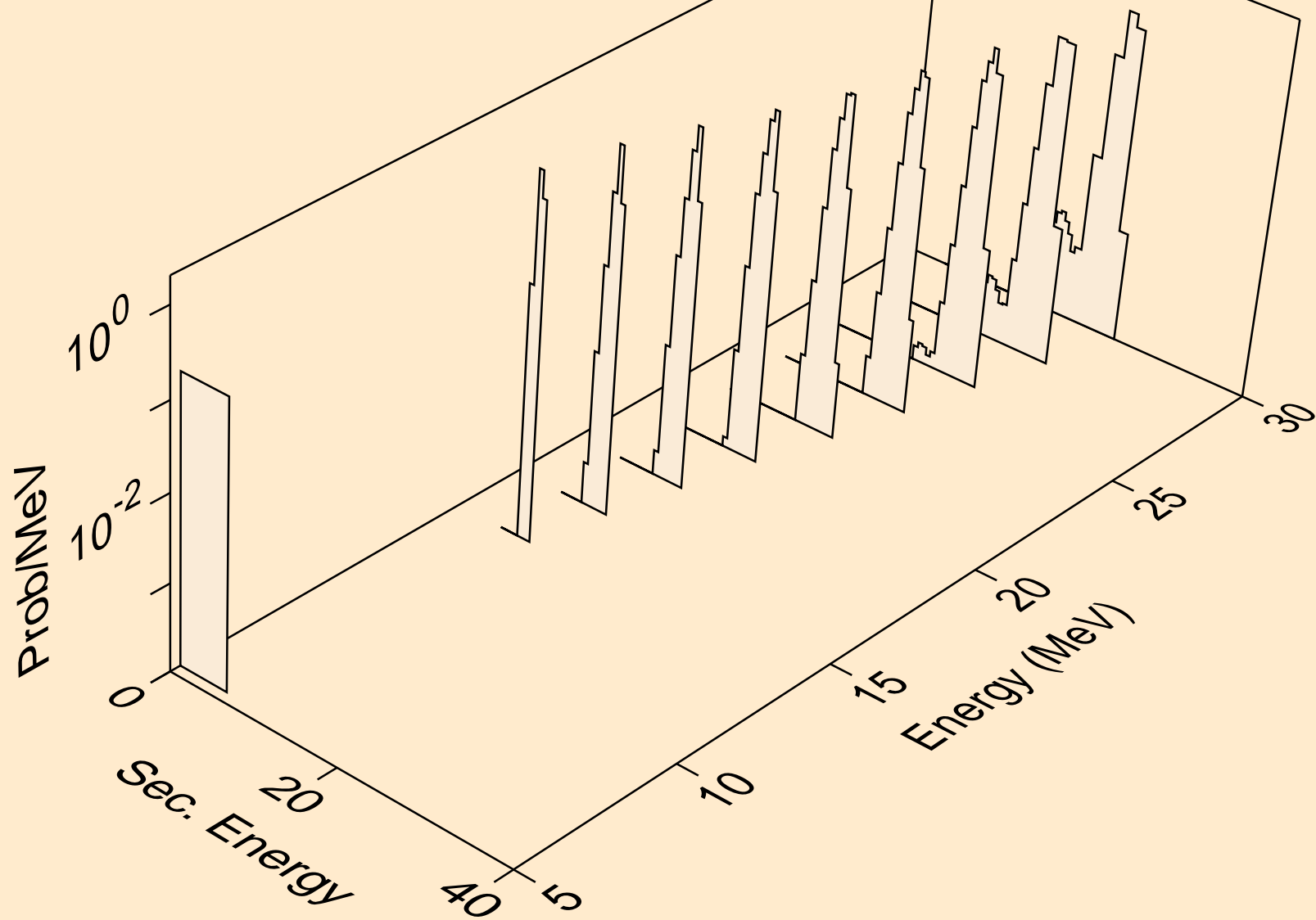
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tritons from (n,t)



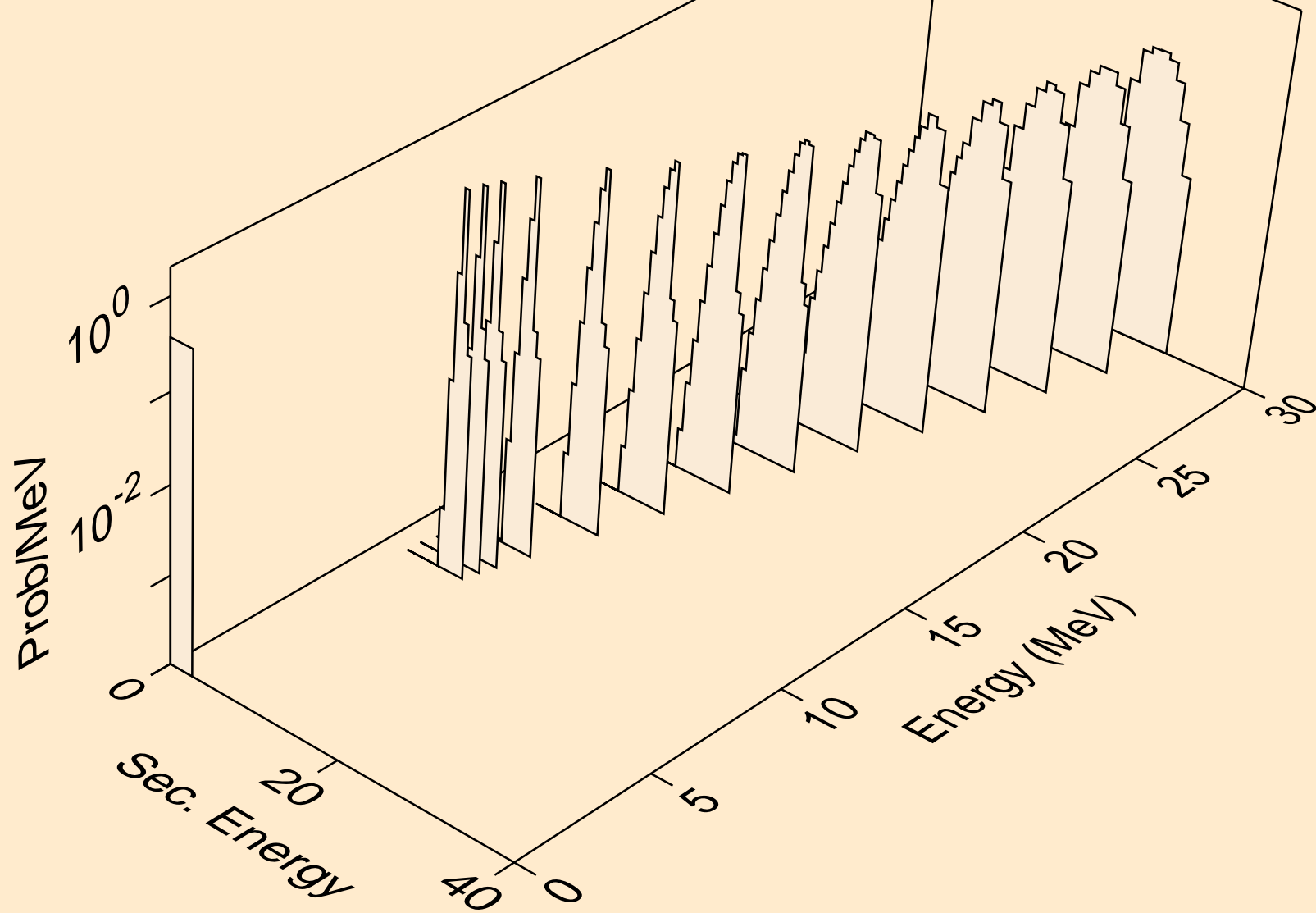
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



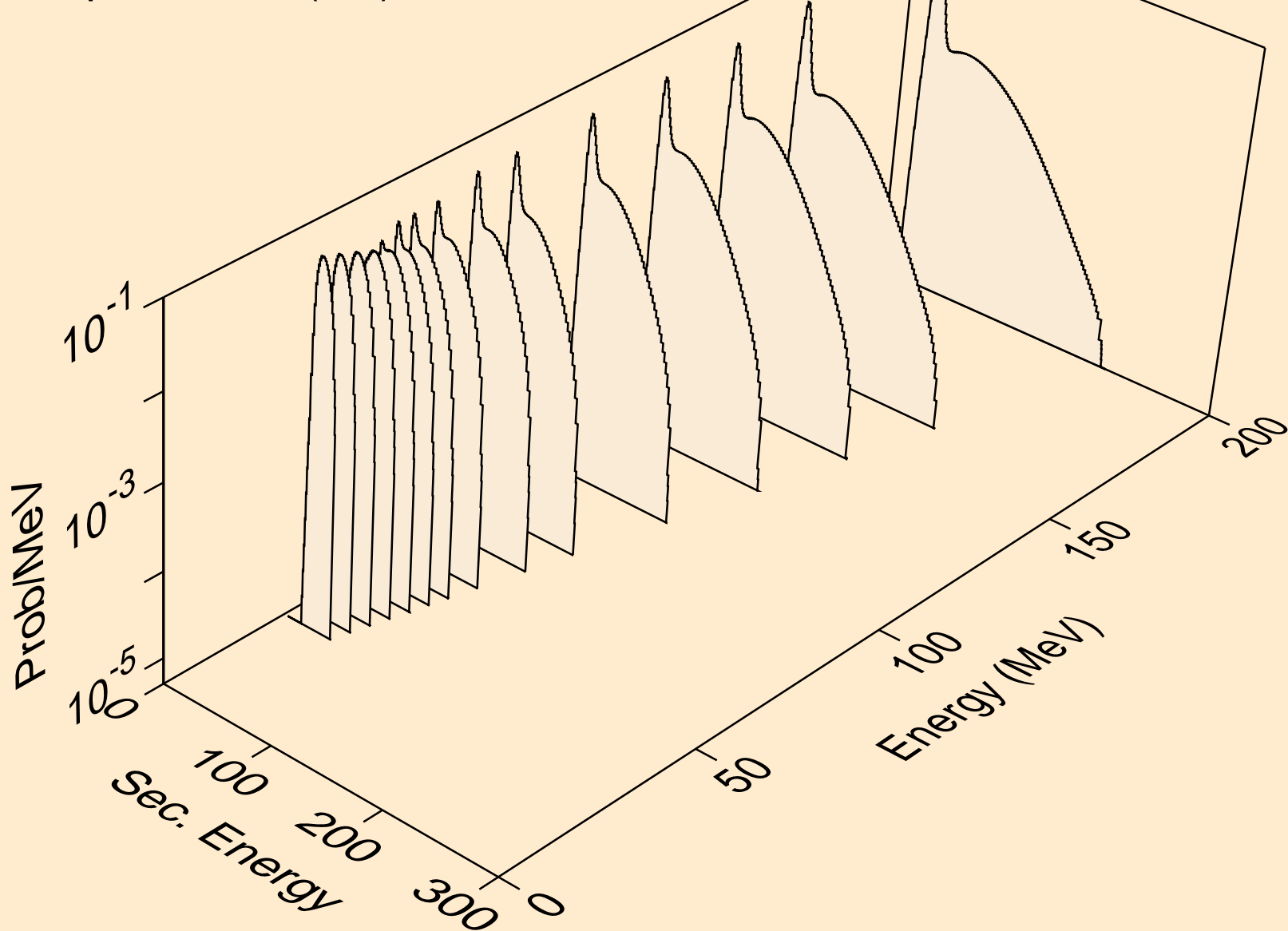
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he3s from (n,n\*)he3



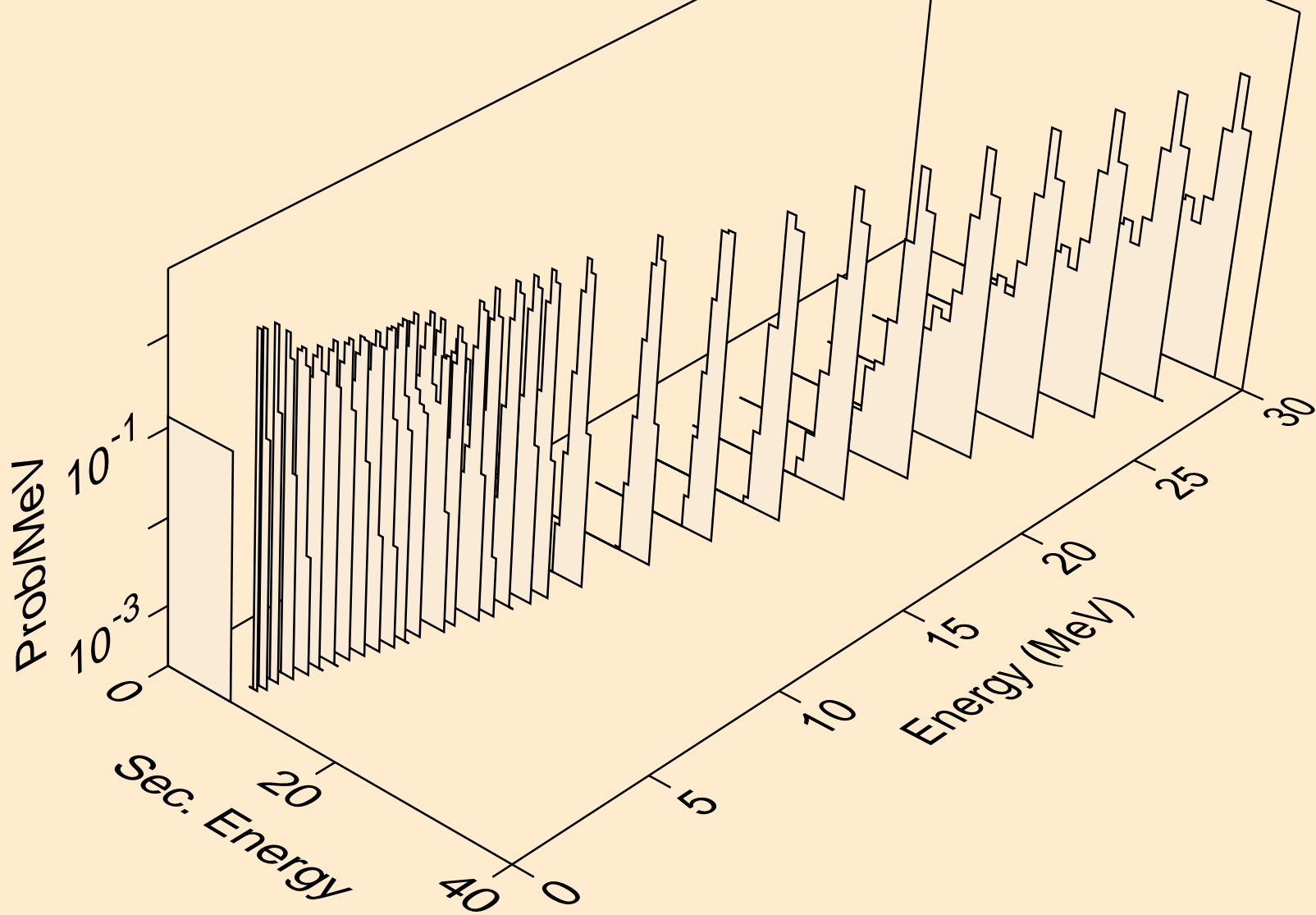
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he3s from (n,he3)



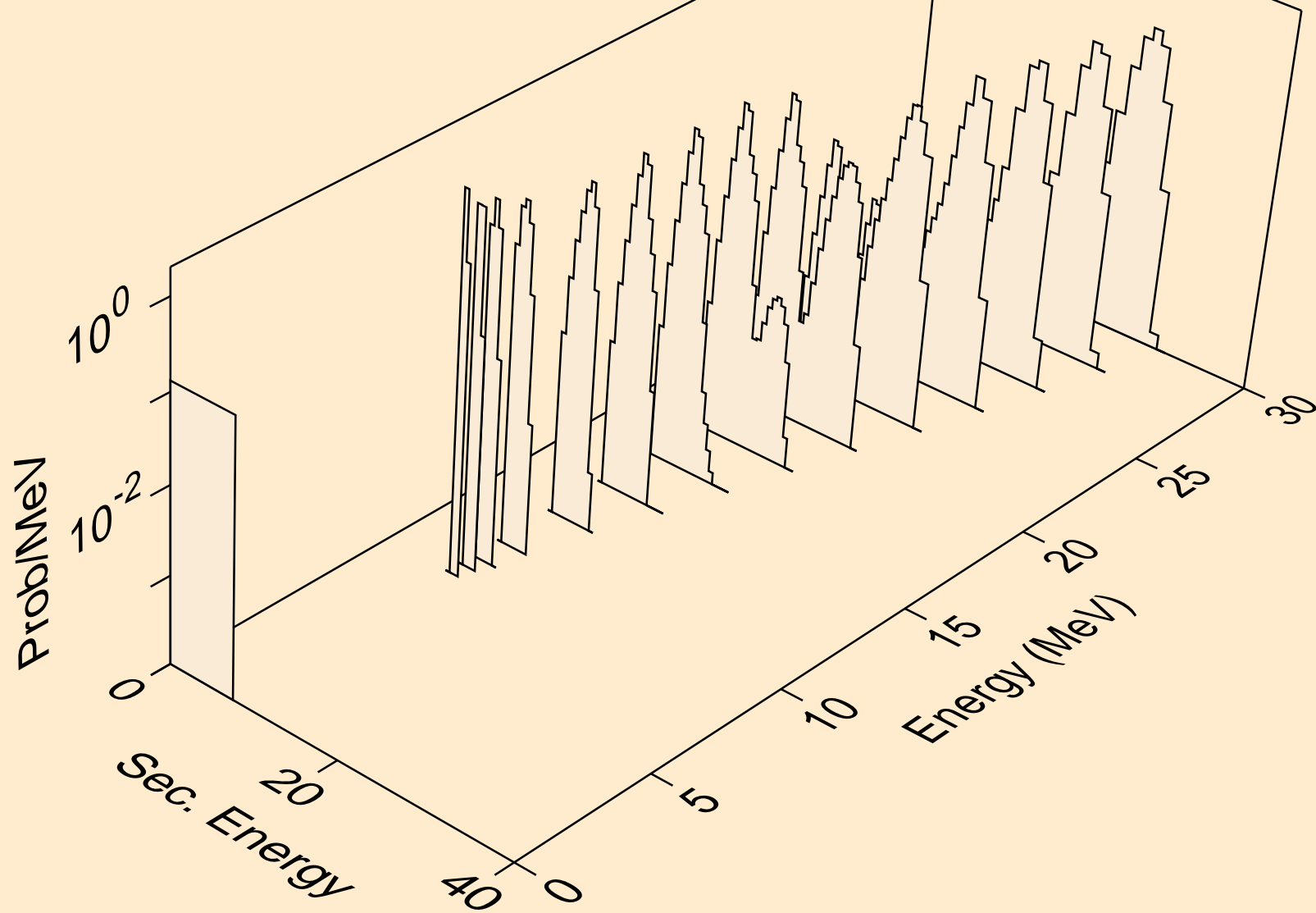
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alphas from (n,x)



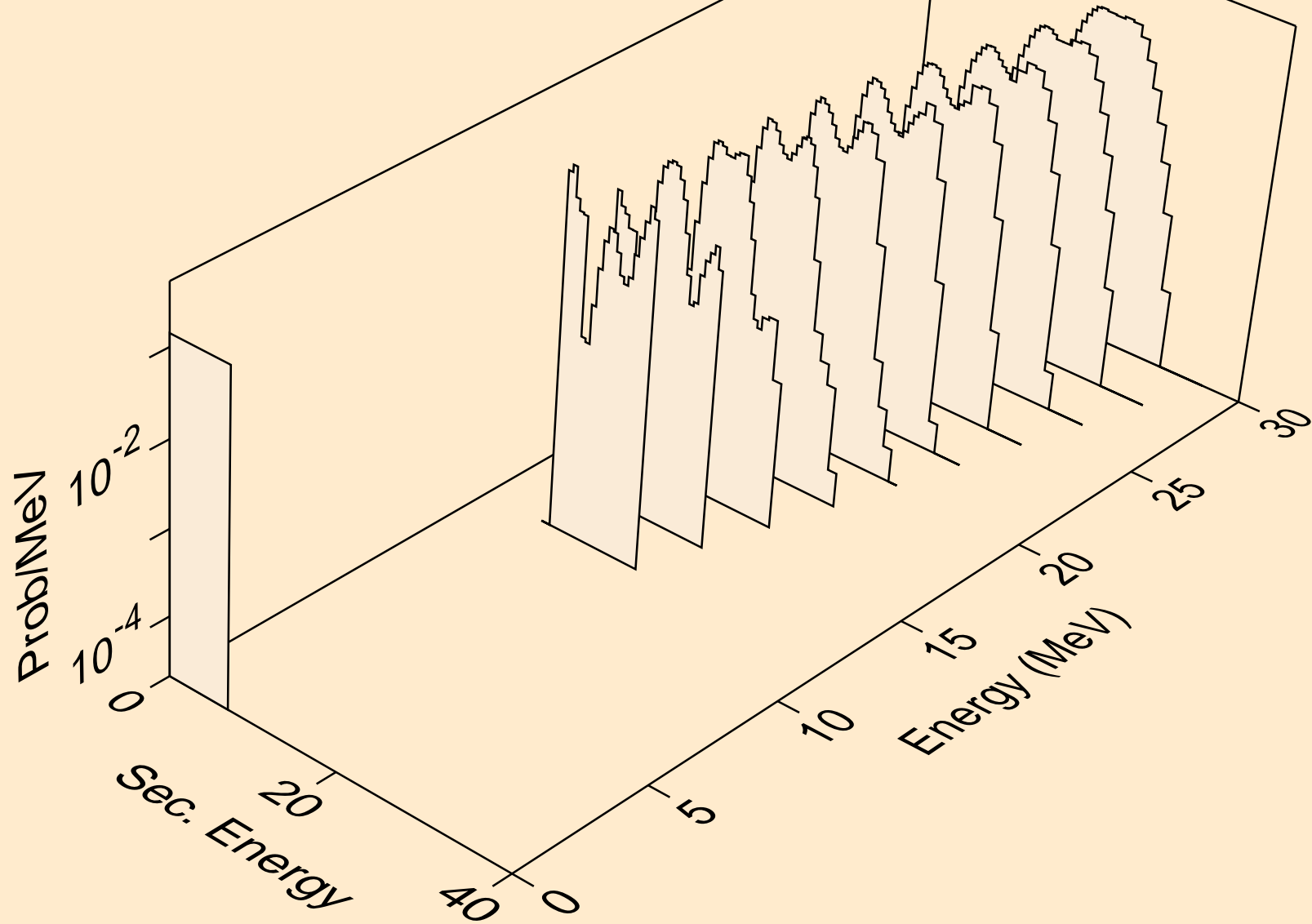
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



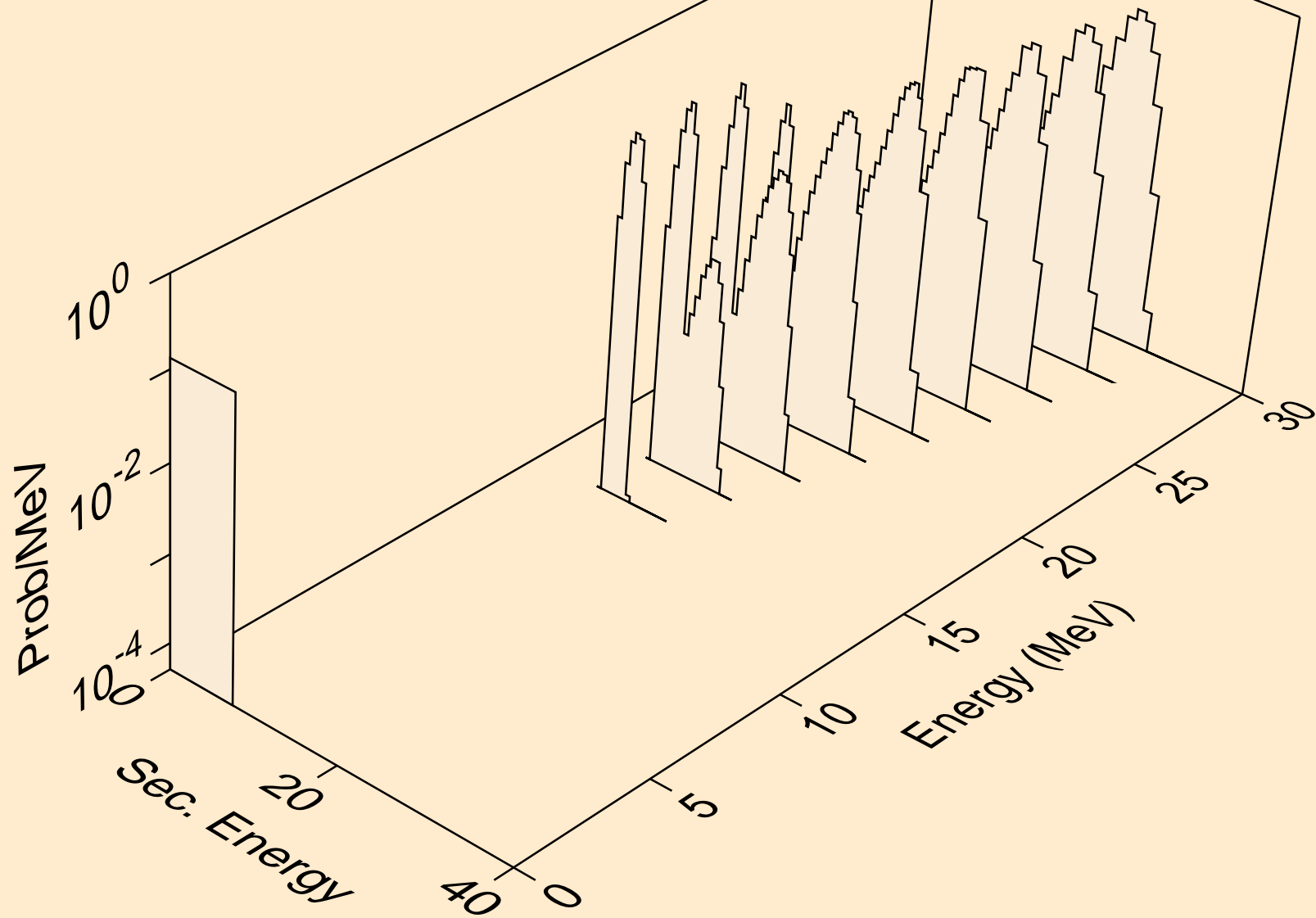
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alphas from (n,2n)a



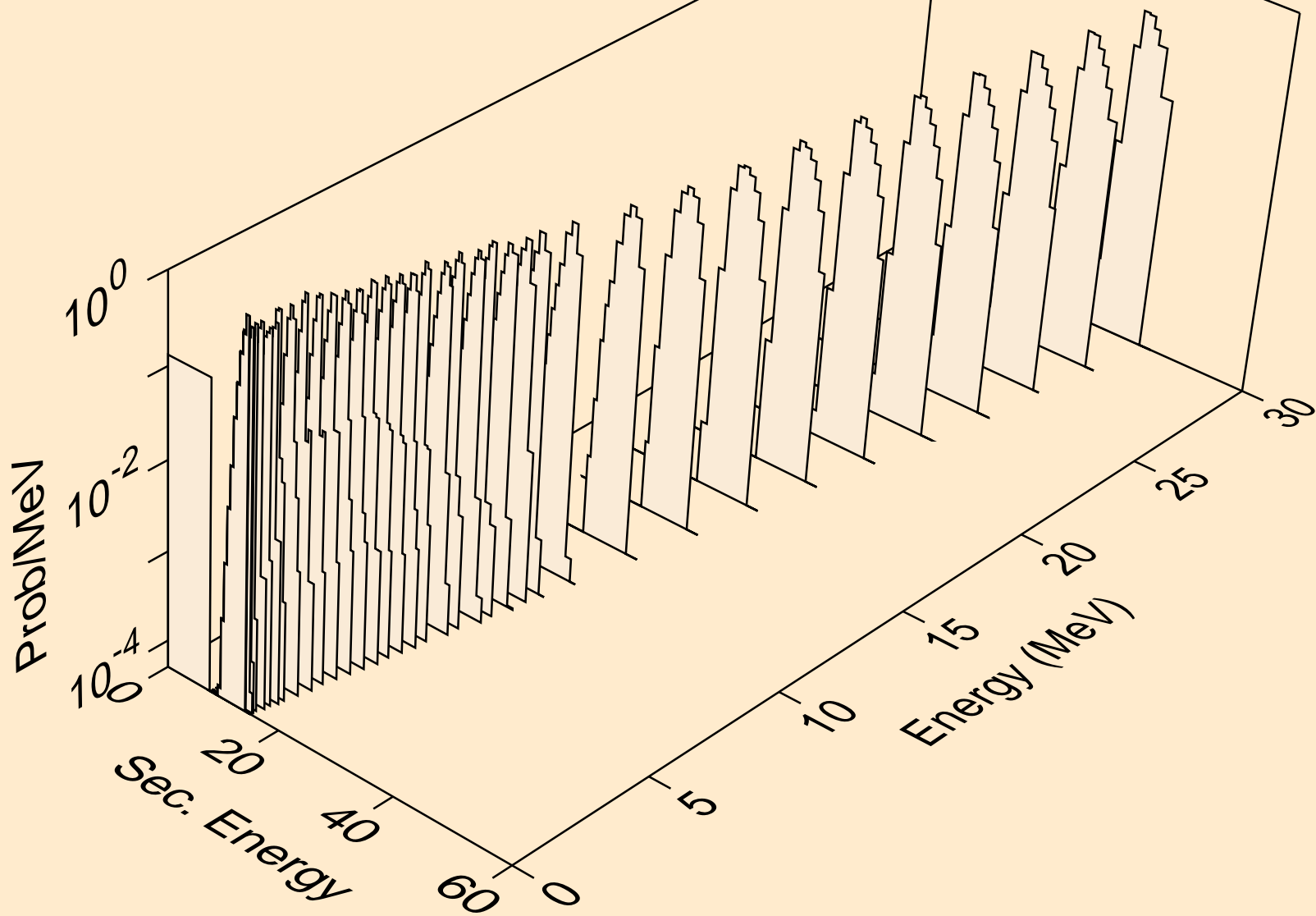
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



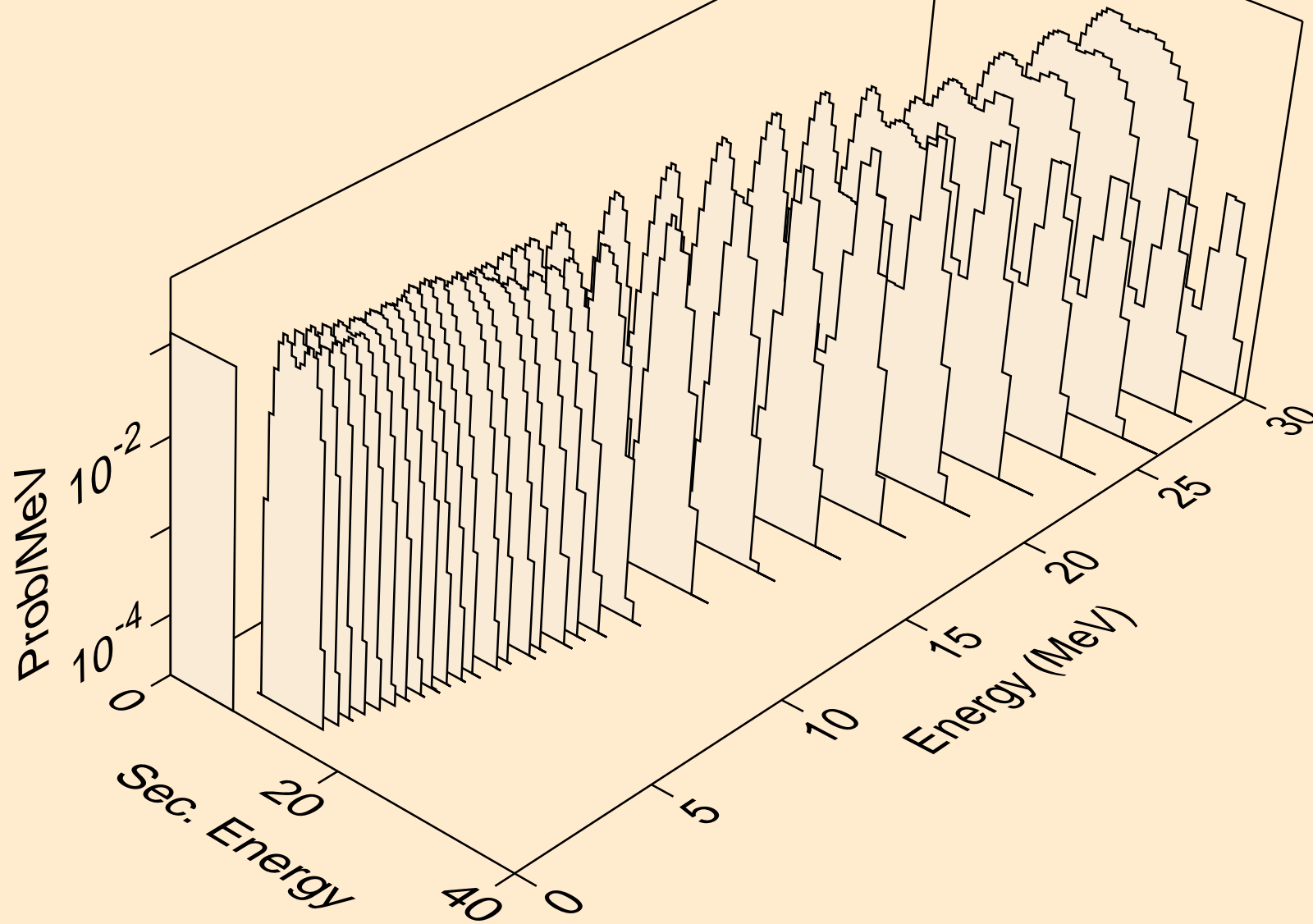
CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)



CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)



CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2a)



CM235 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,pa)

