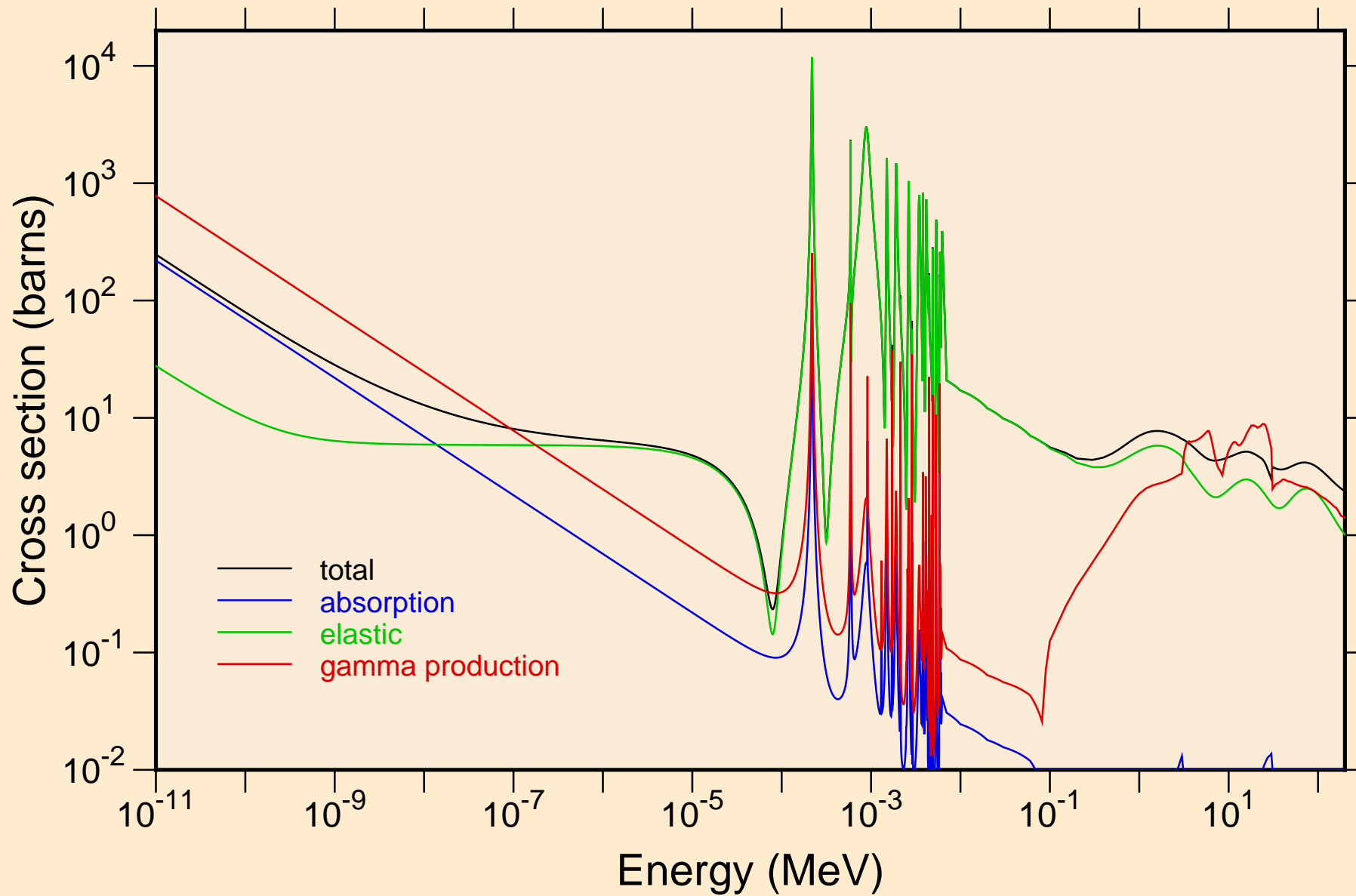
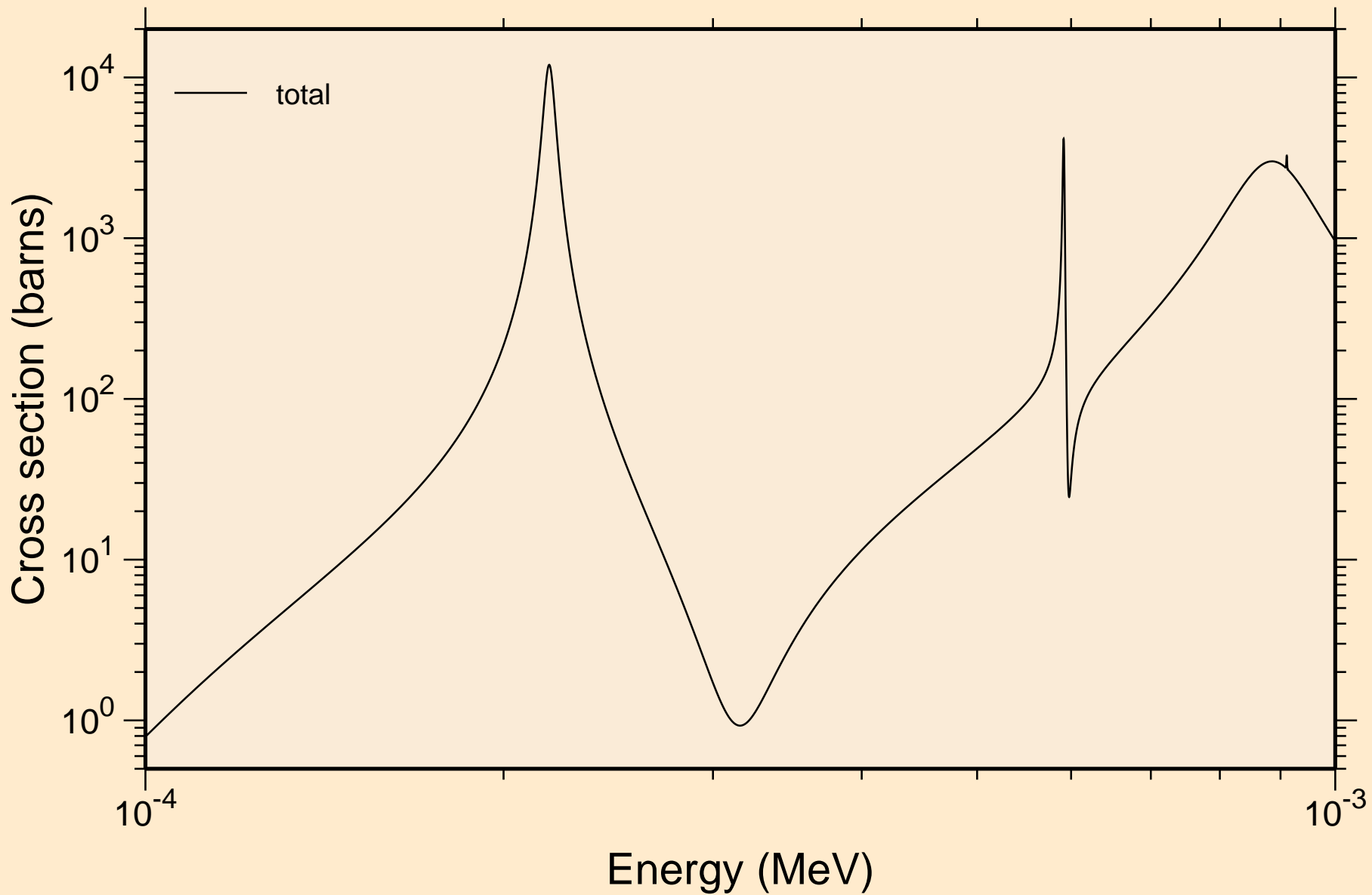


# CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

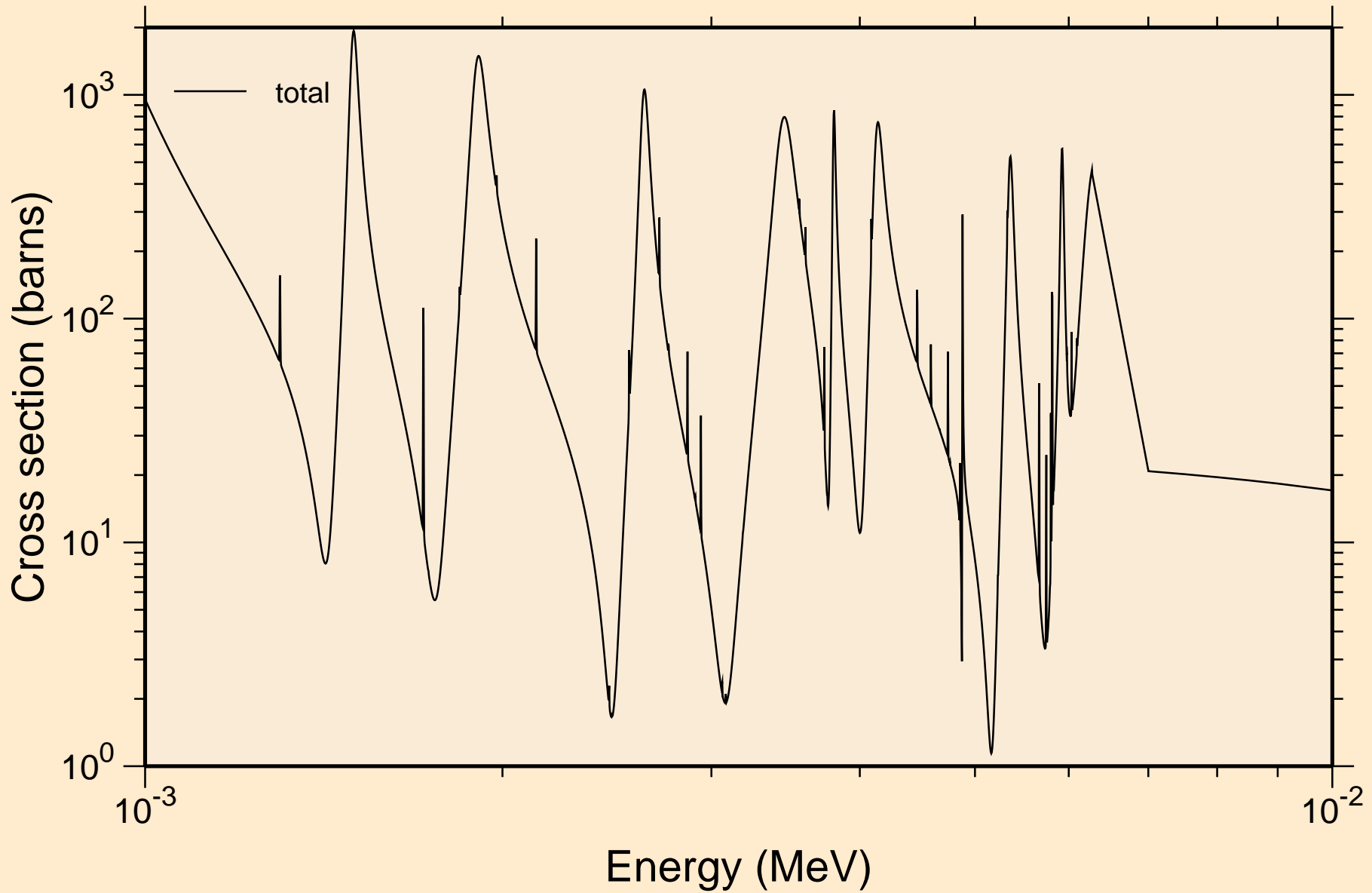
## Principal cross sections



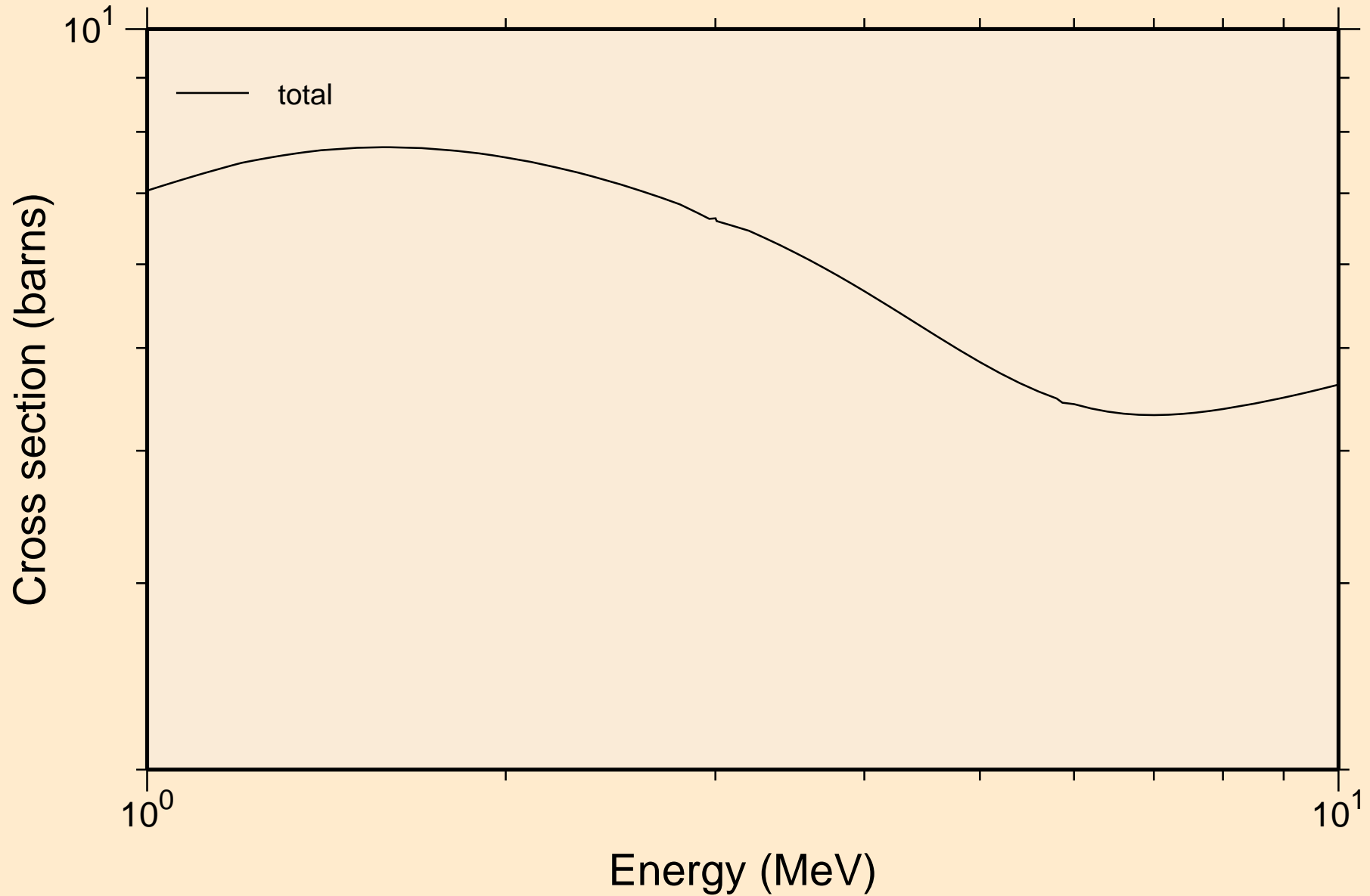
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



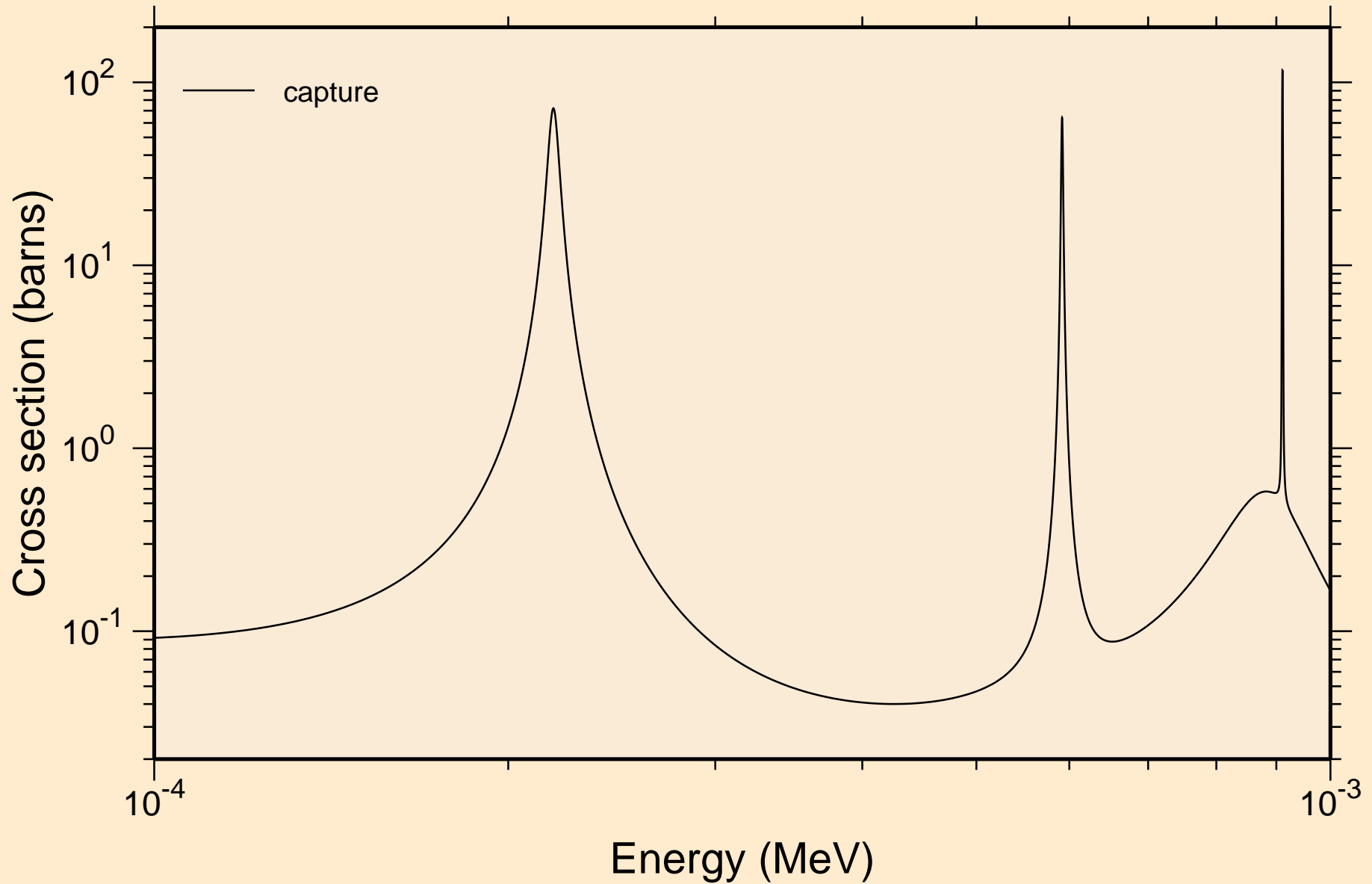
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



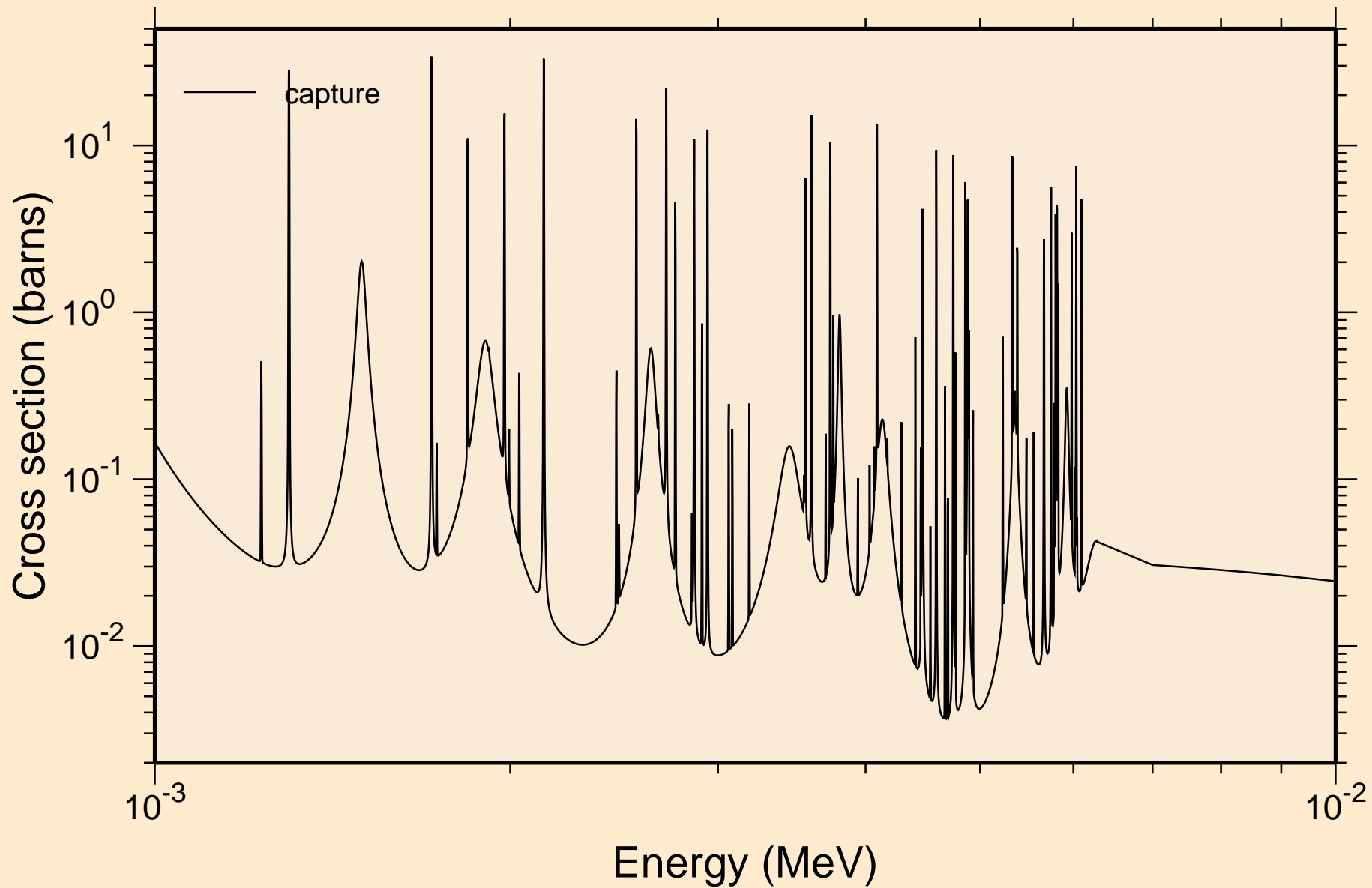
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance total cross section



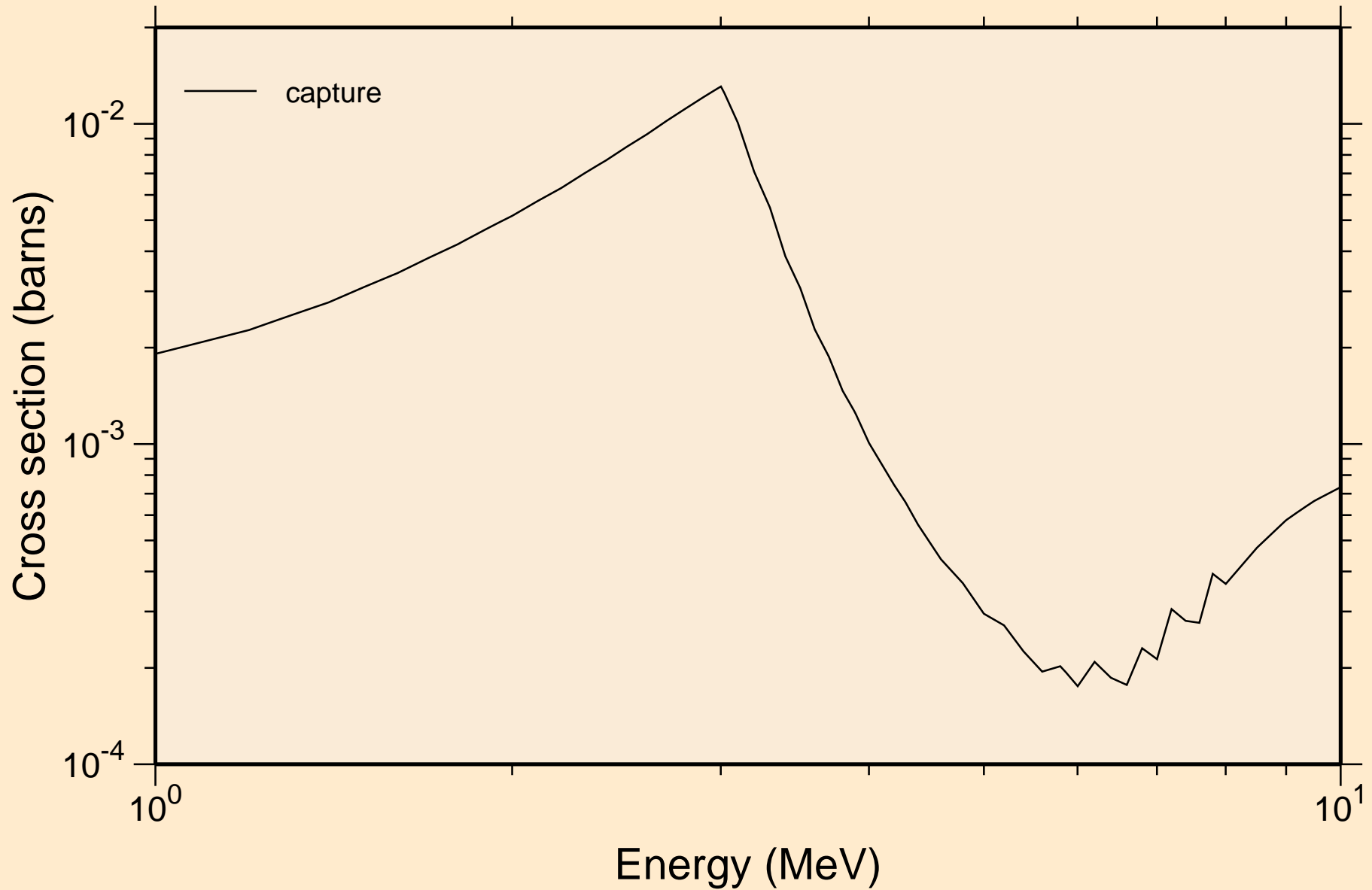
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



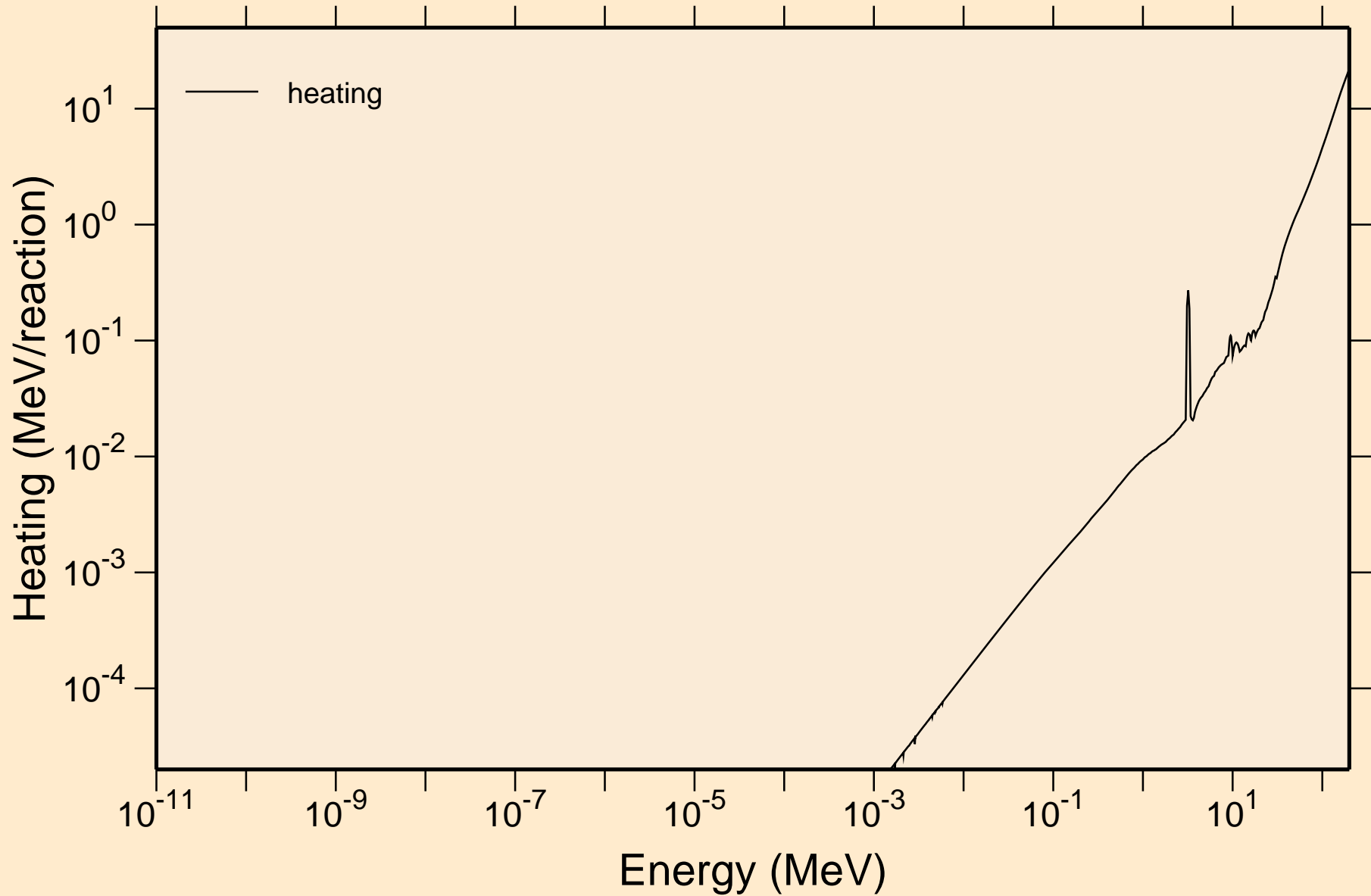
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections



CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
resonance absorption cross sections

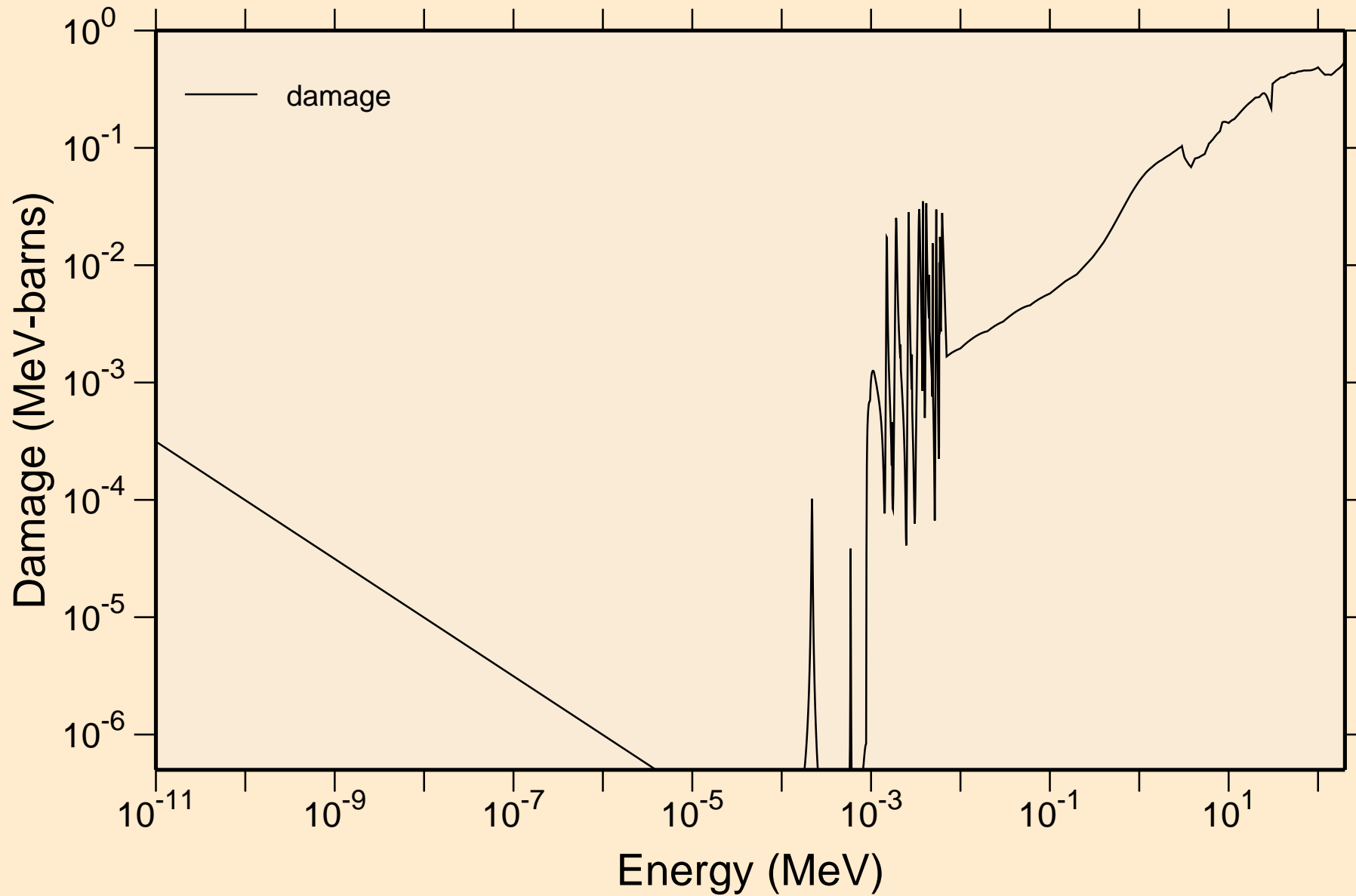


CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating

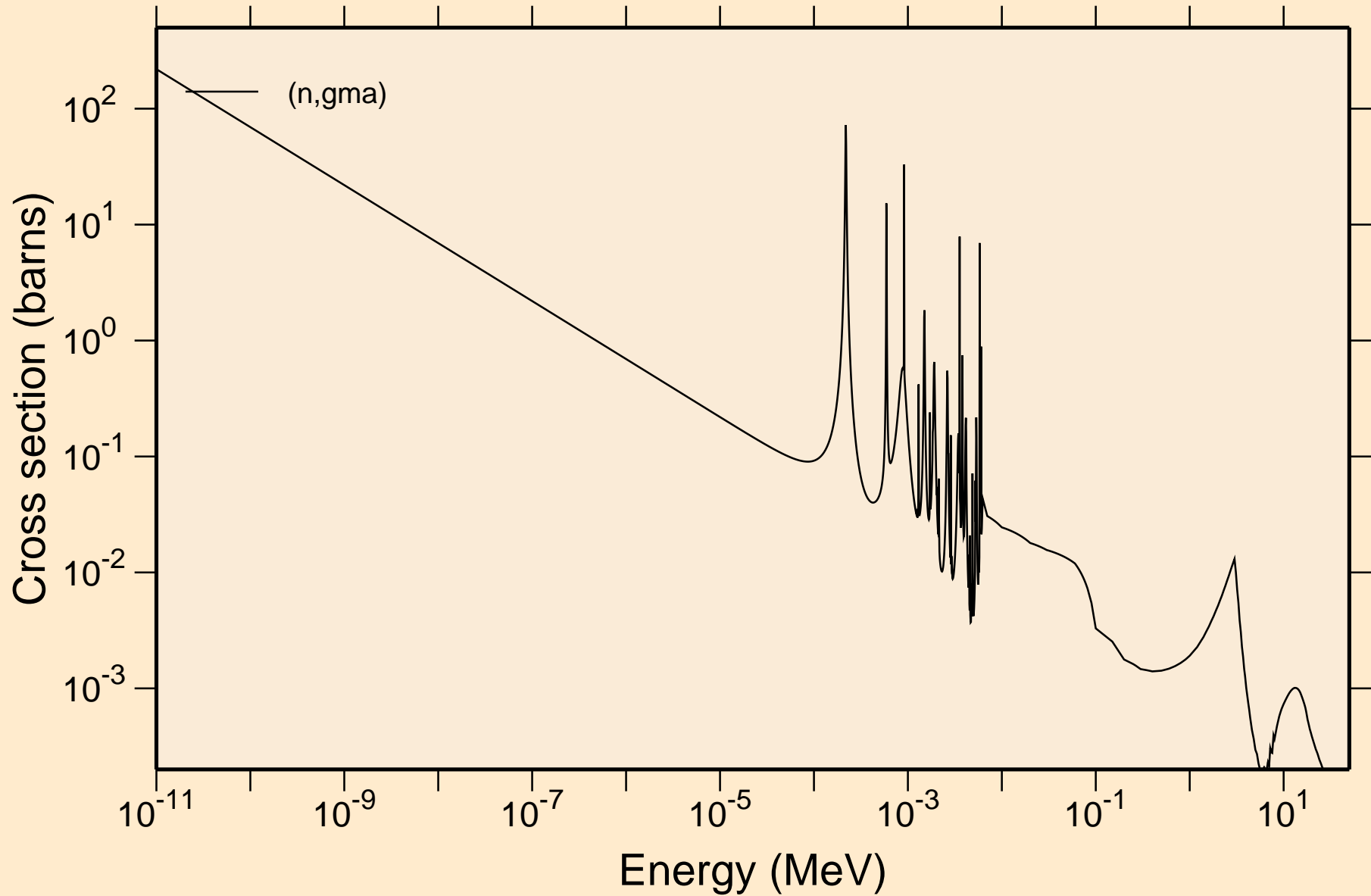


# CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Damage

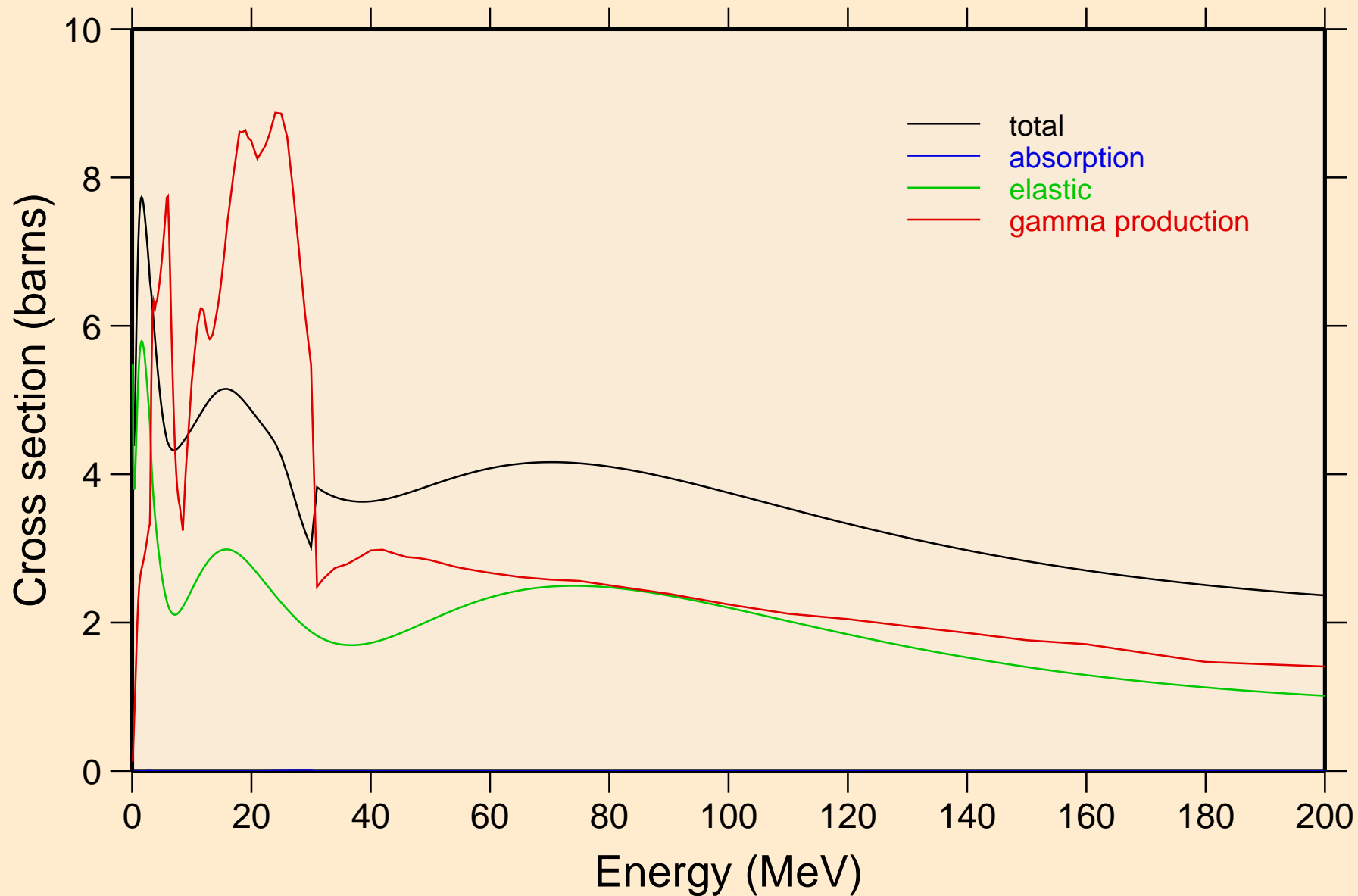


CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

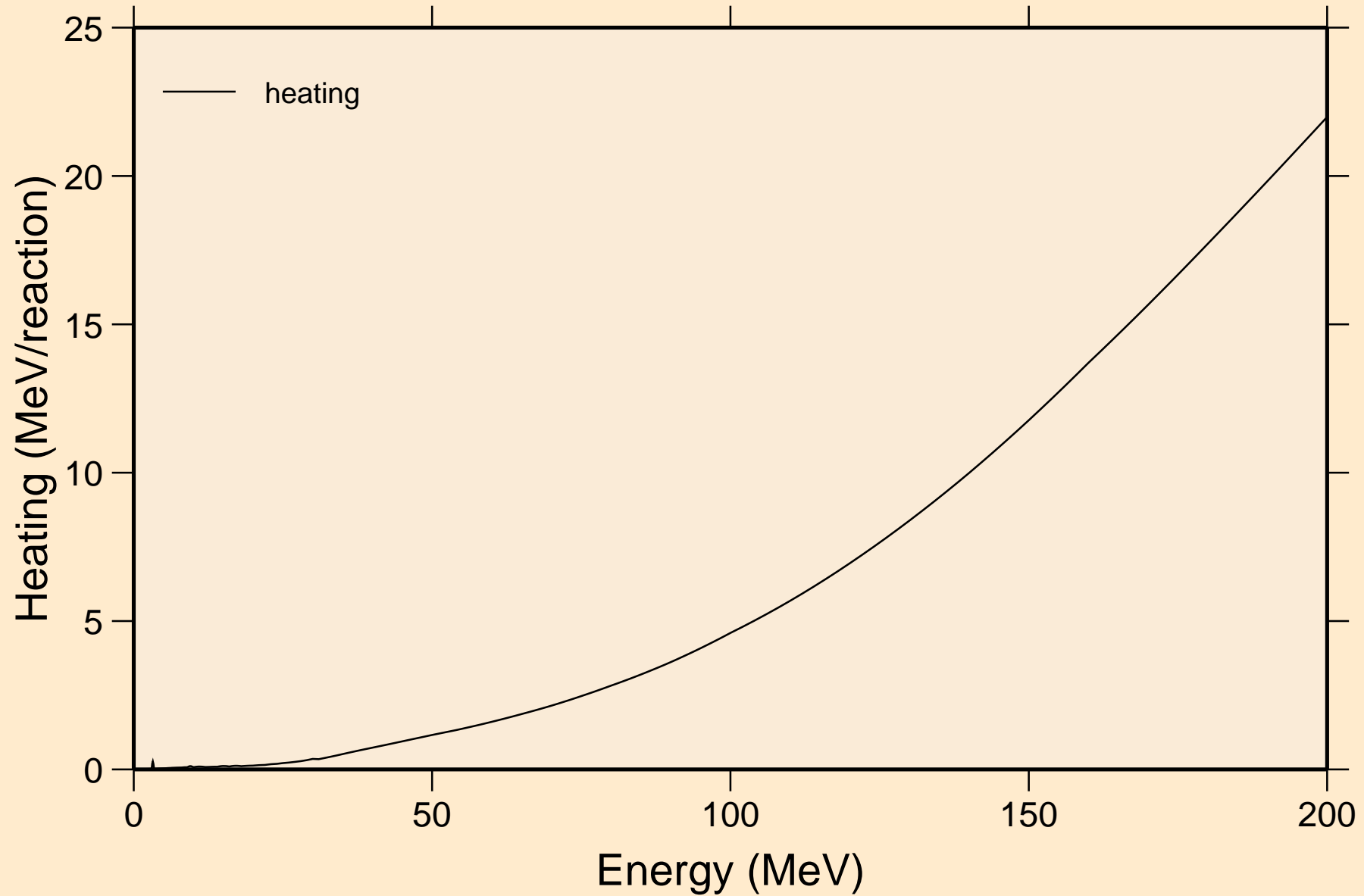


# CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

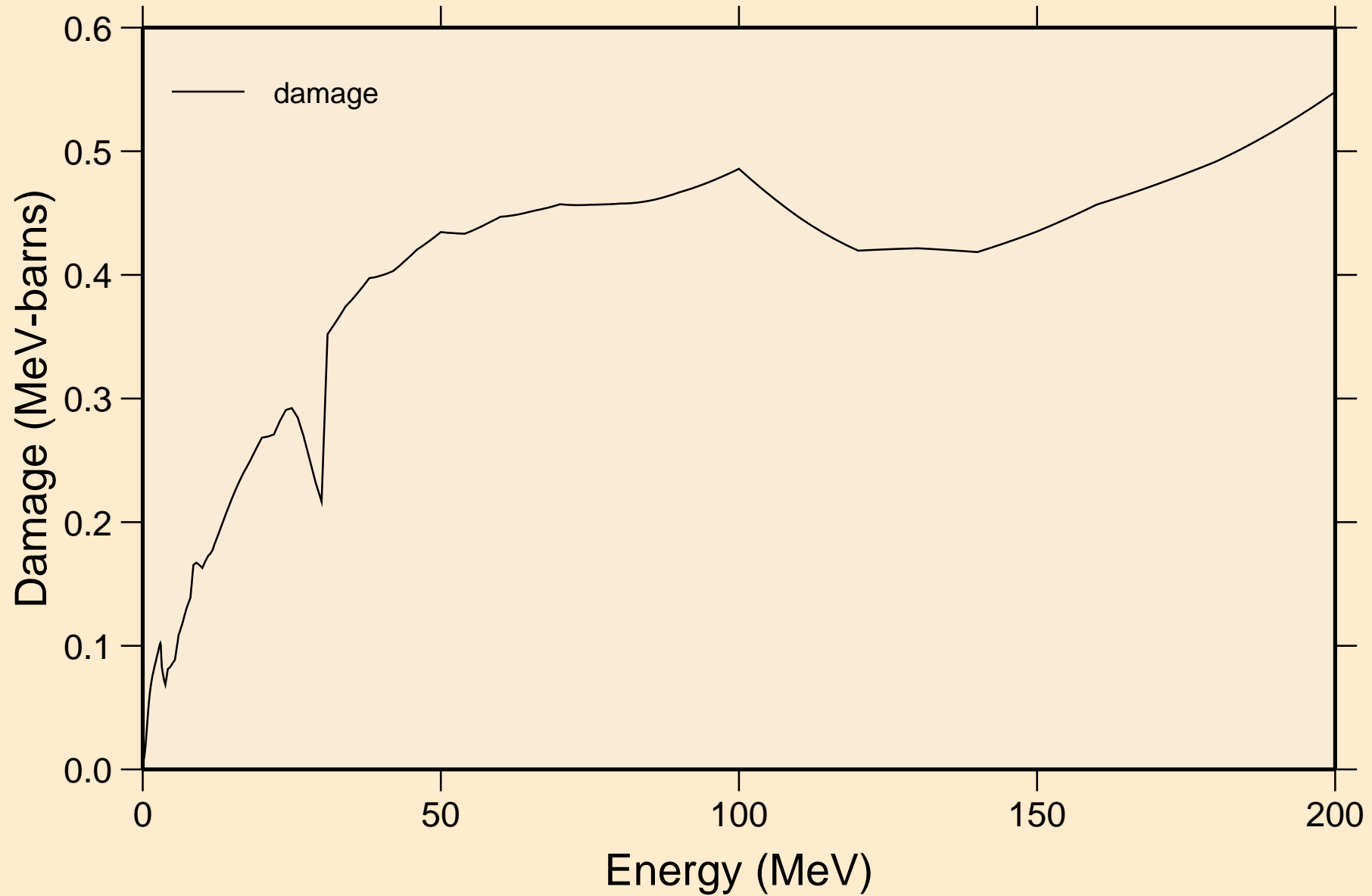
## Principal cross sections



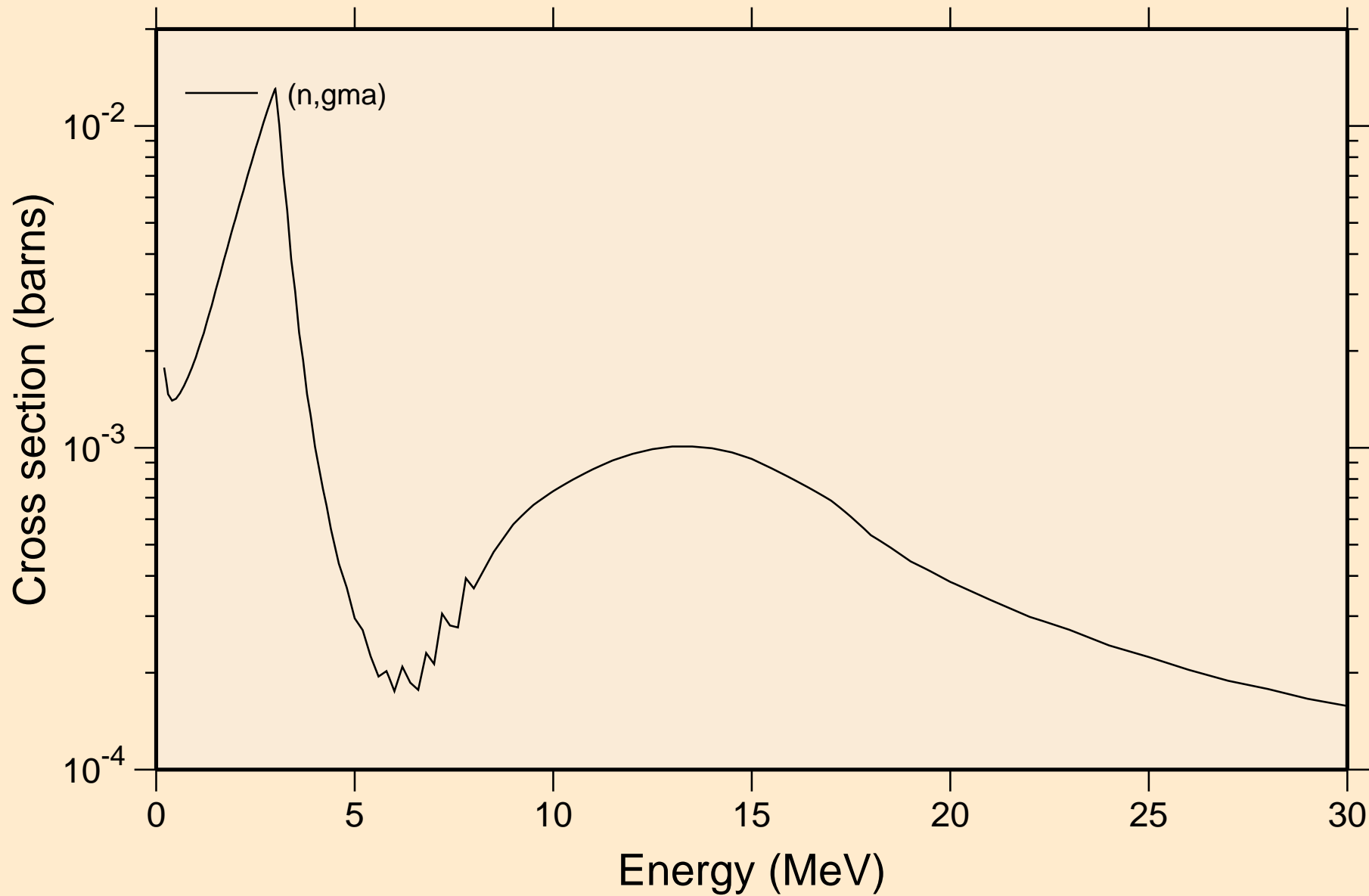
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



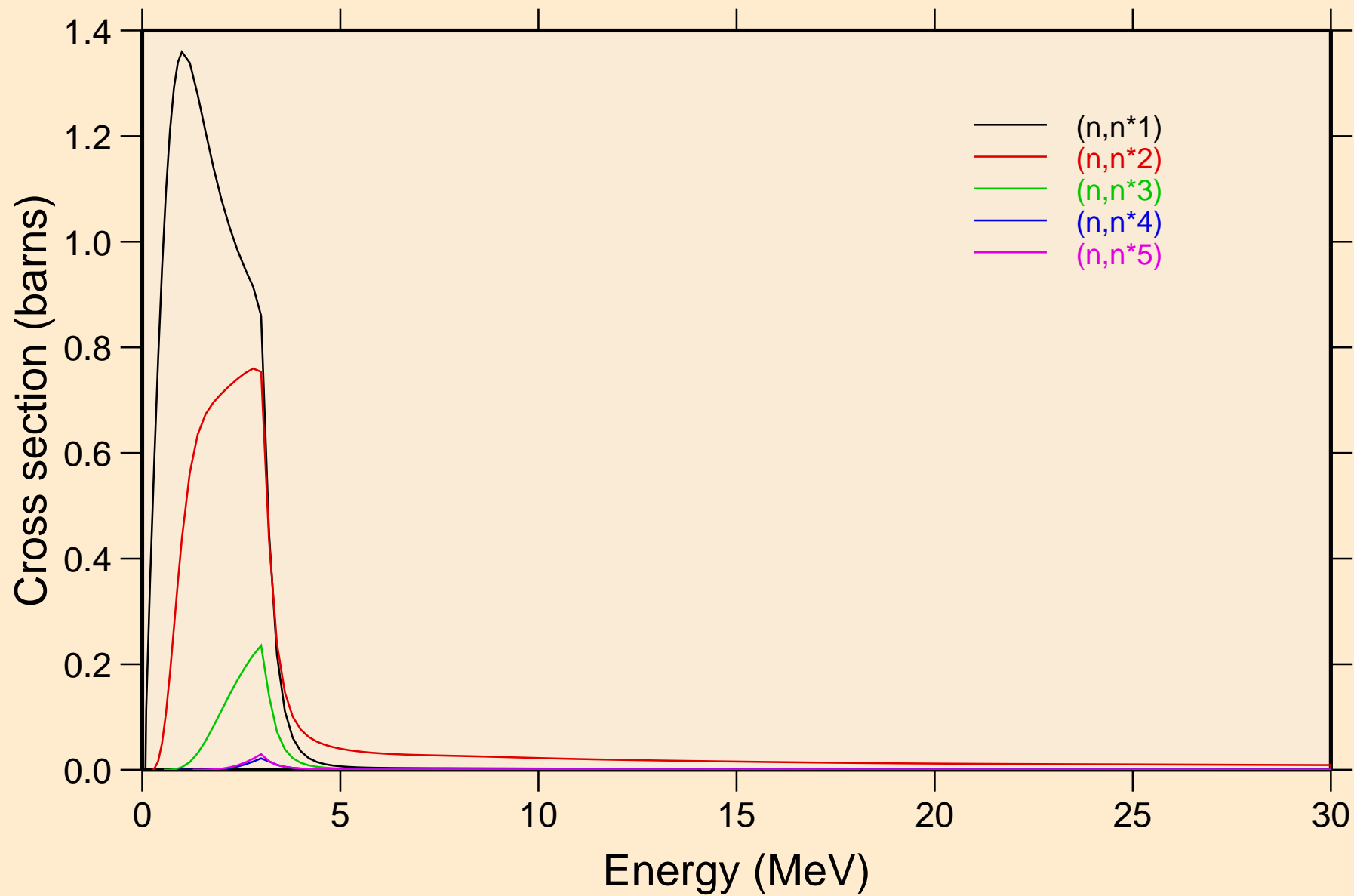
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage



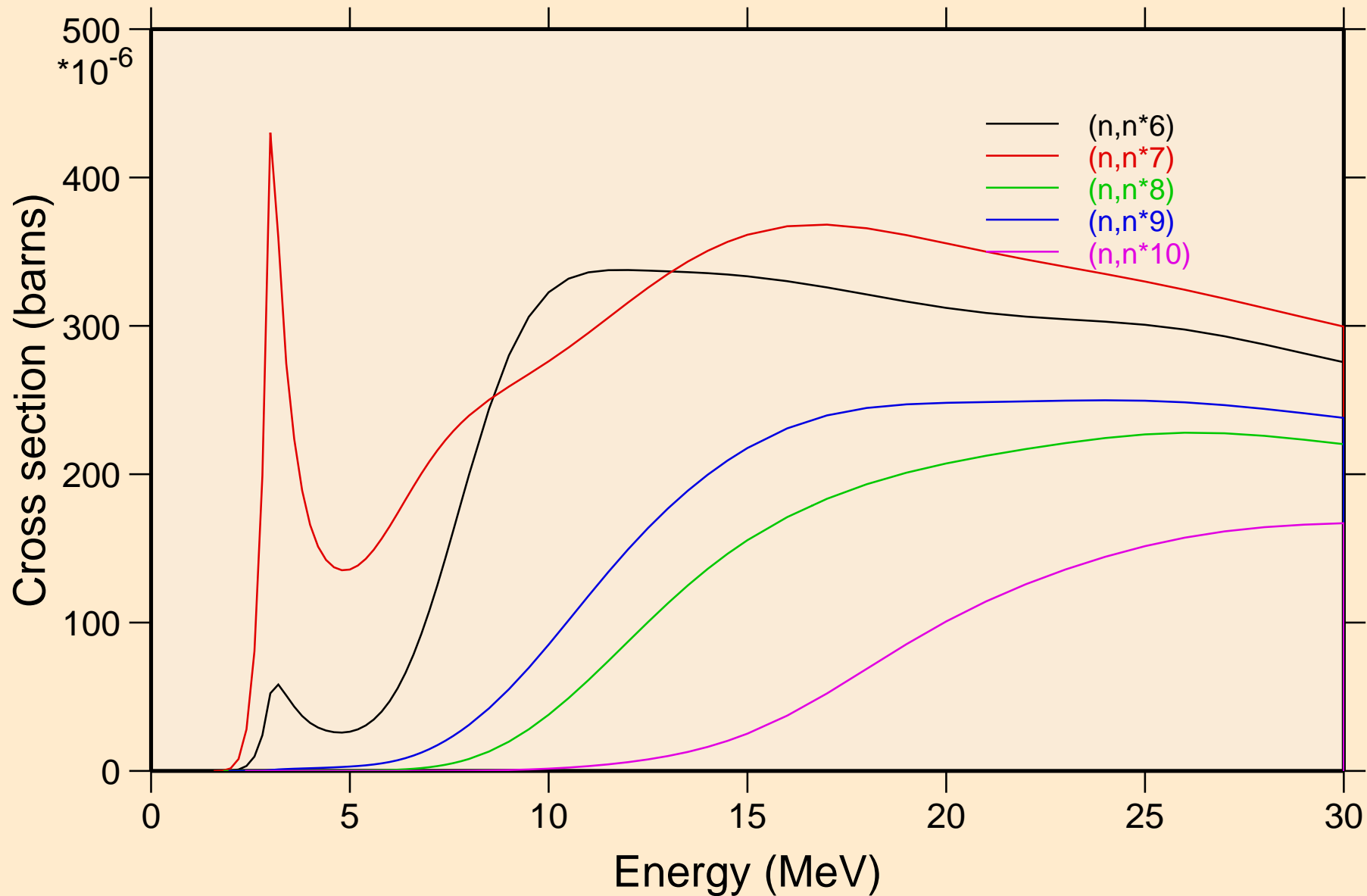
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



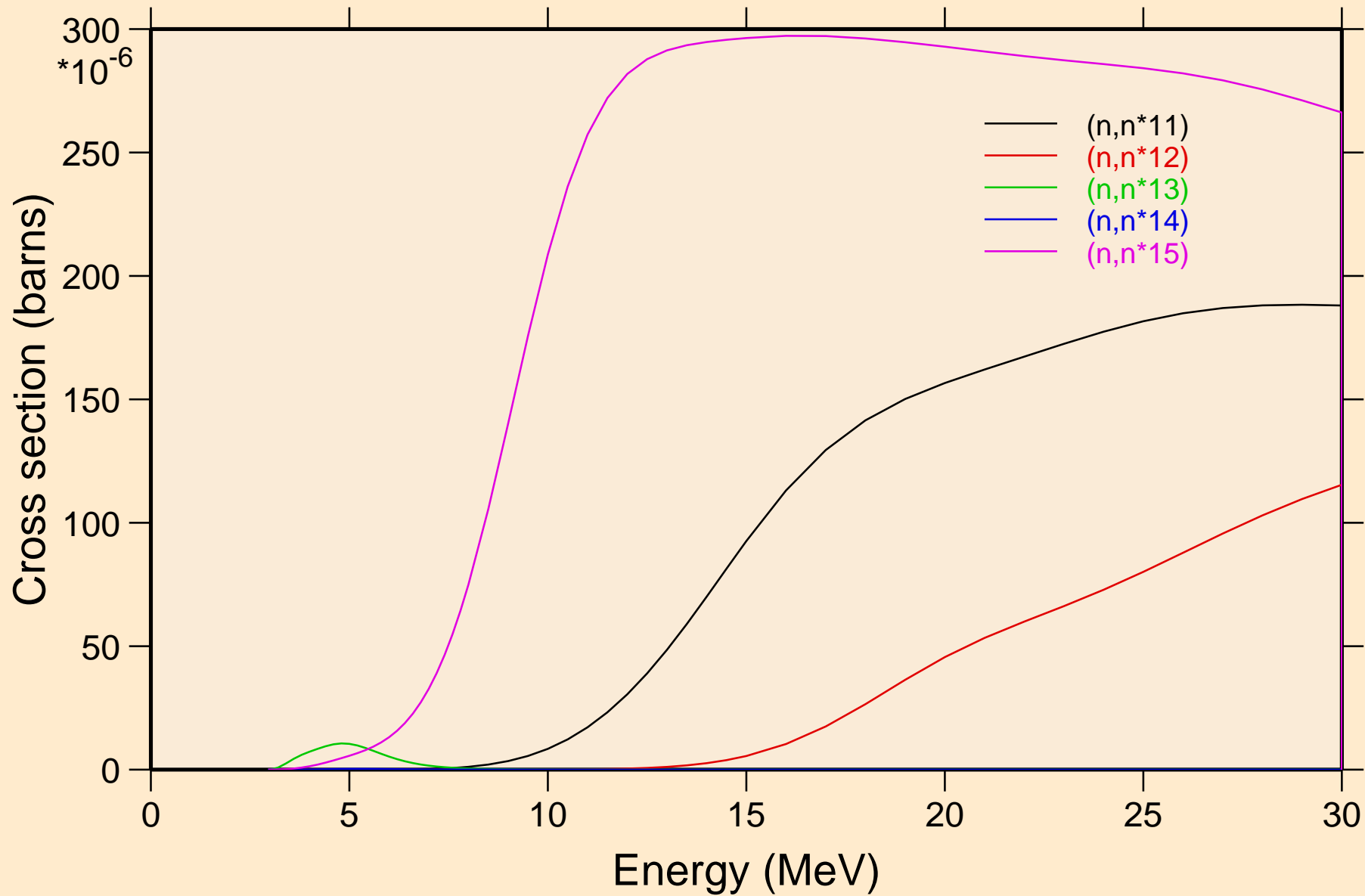
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



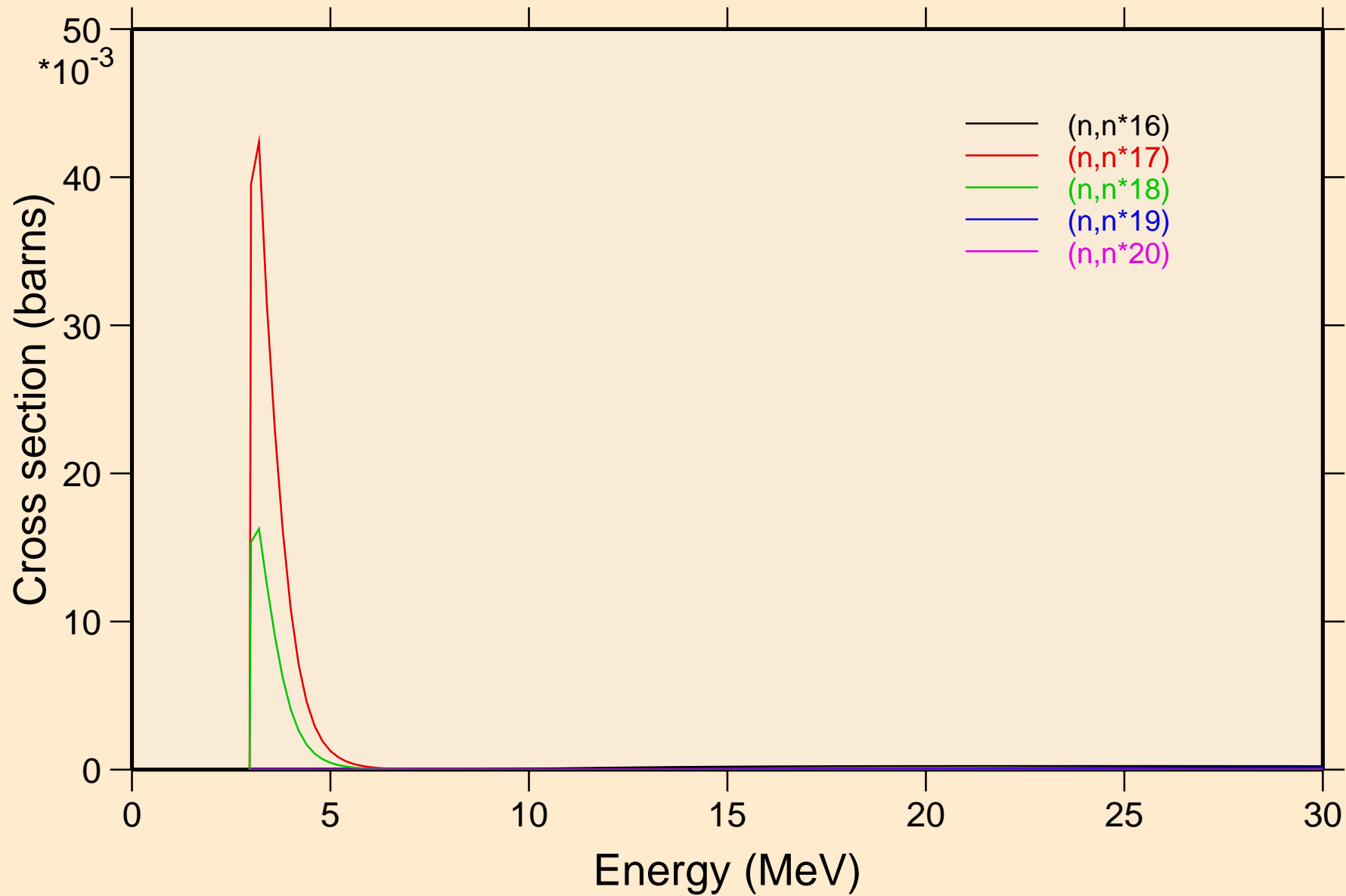
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



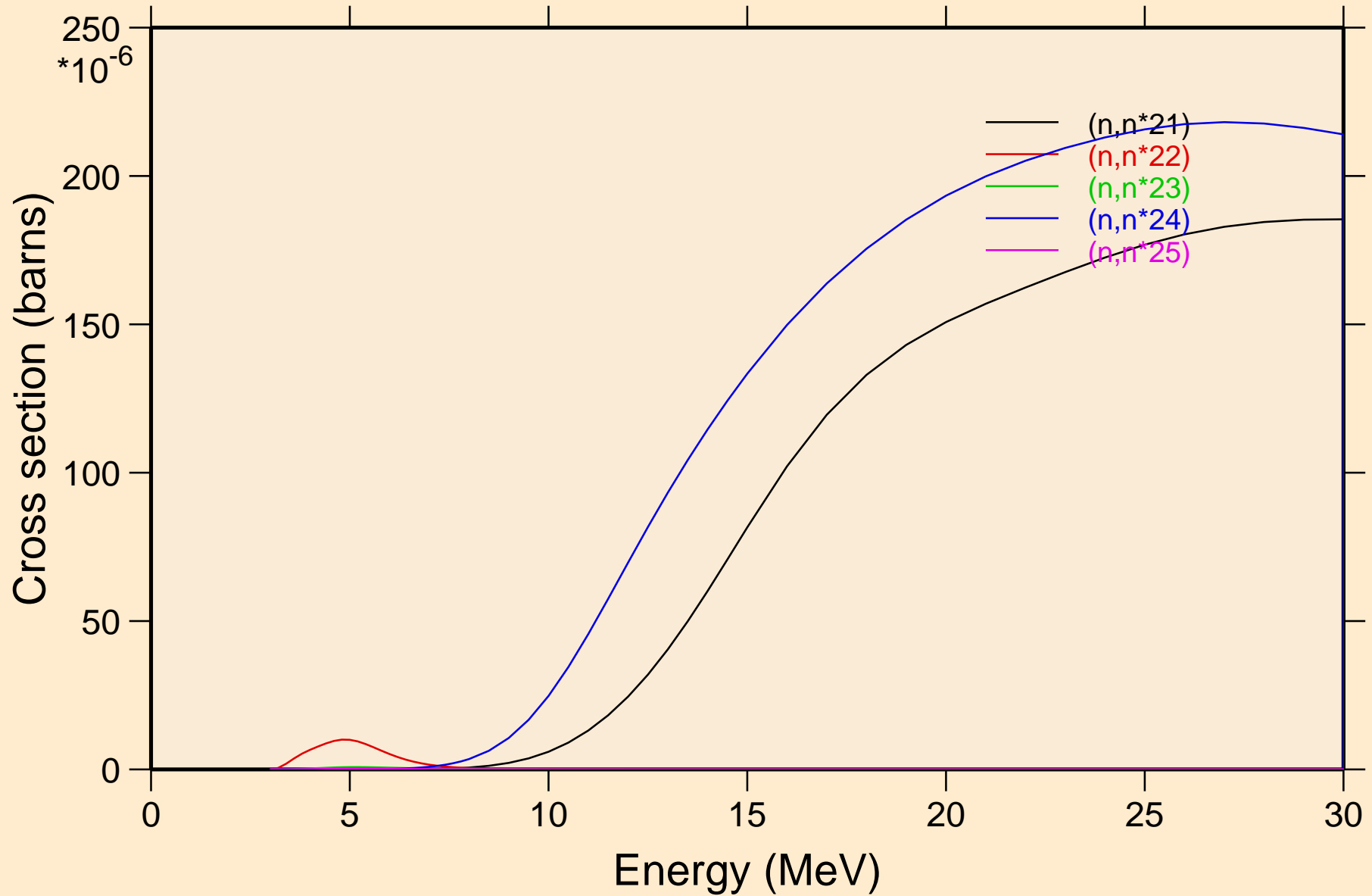
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



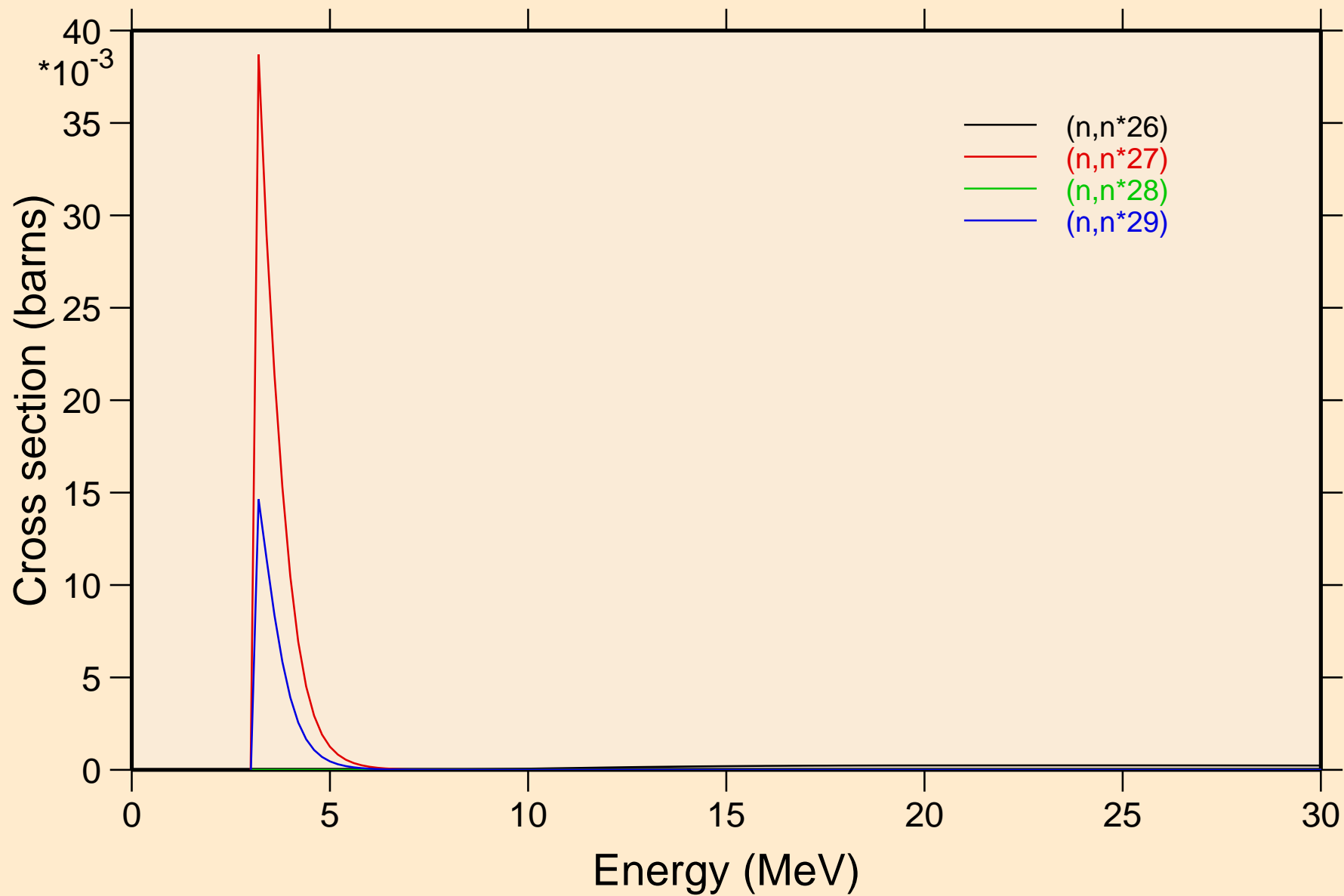
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Inelastic levels



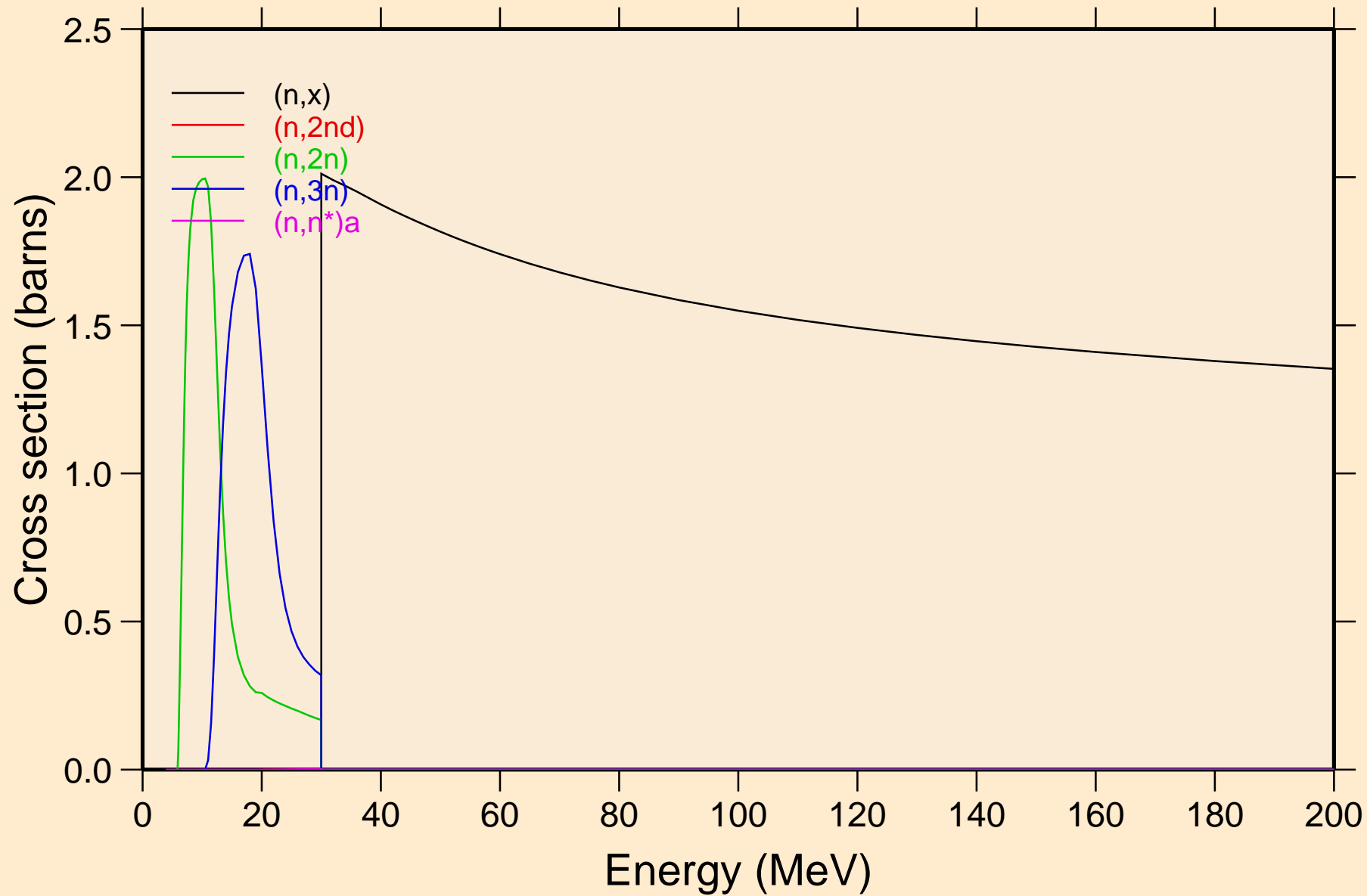
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Inelastic levels



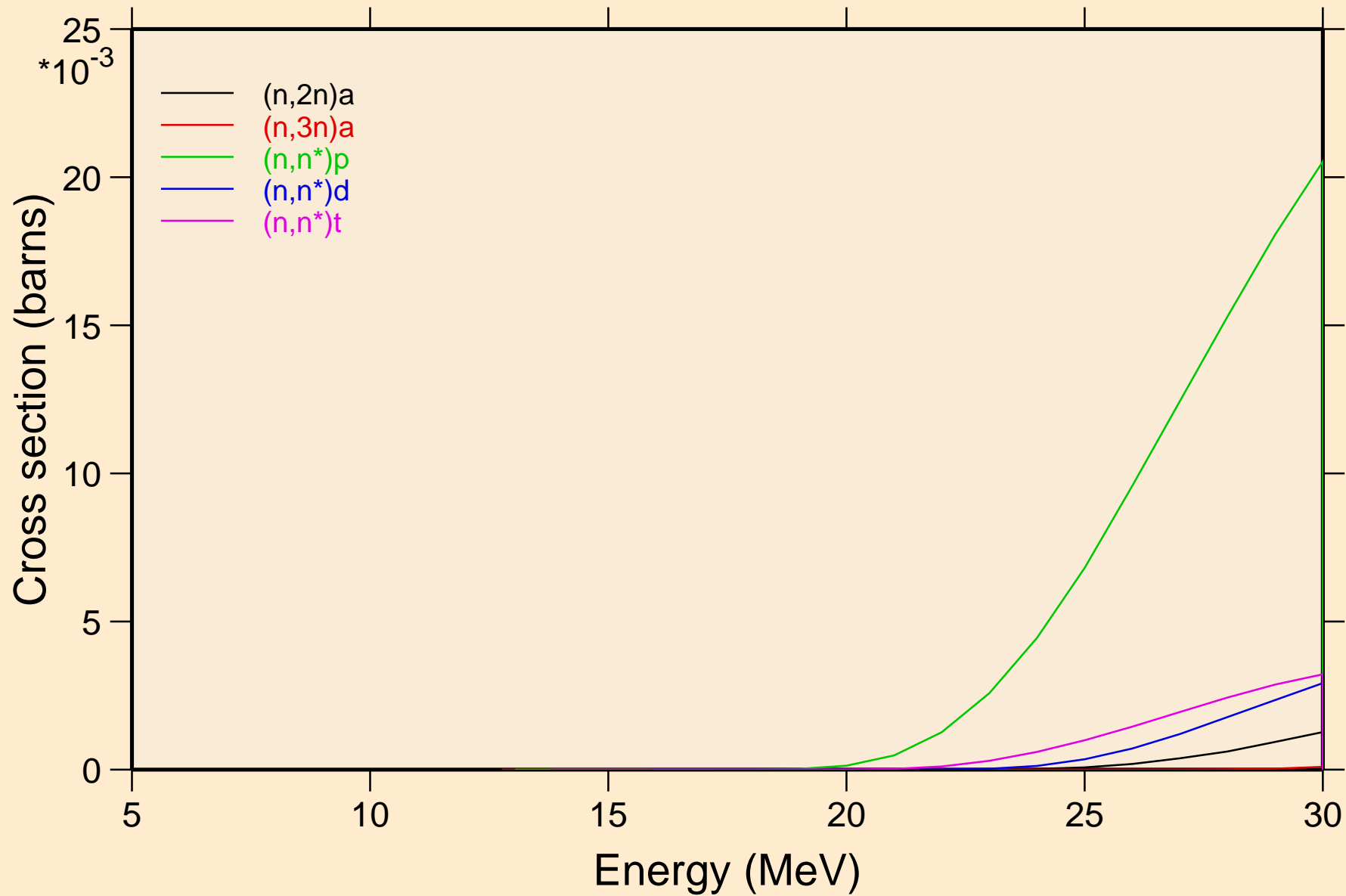
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Inelastic levels



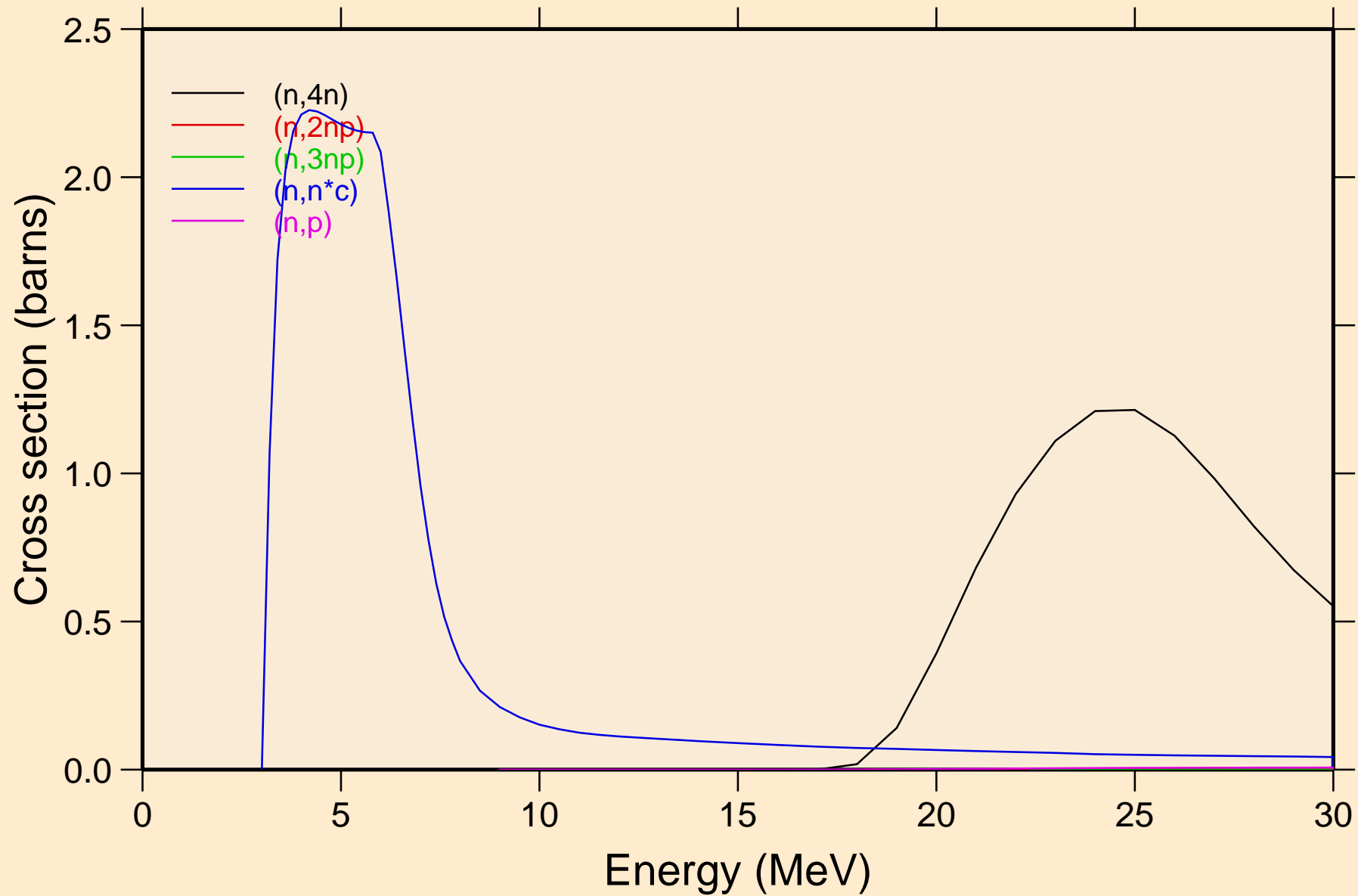
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



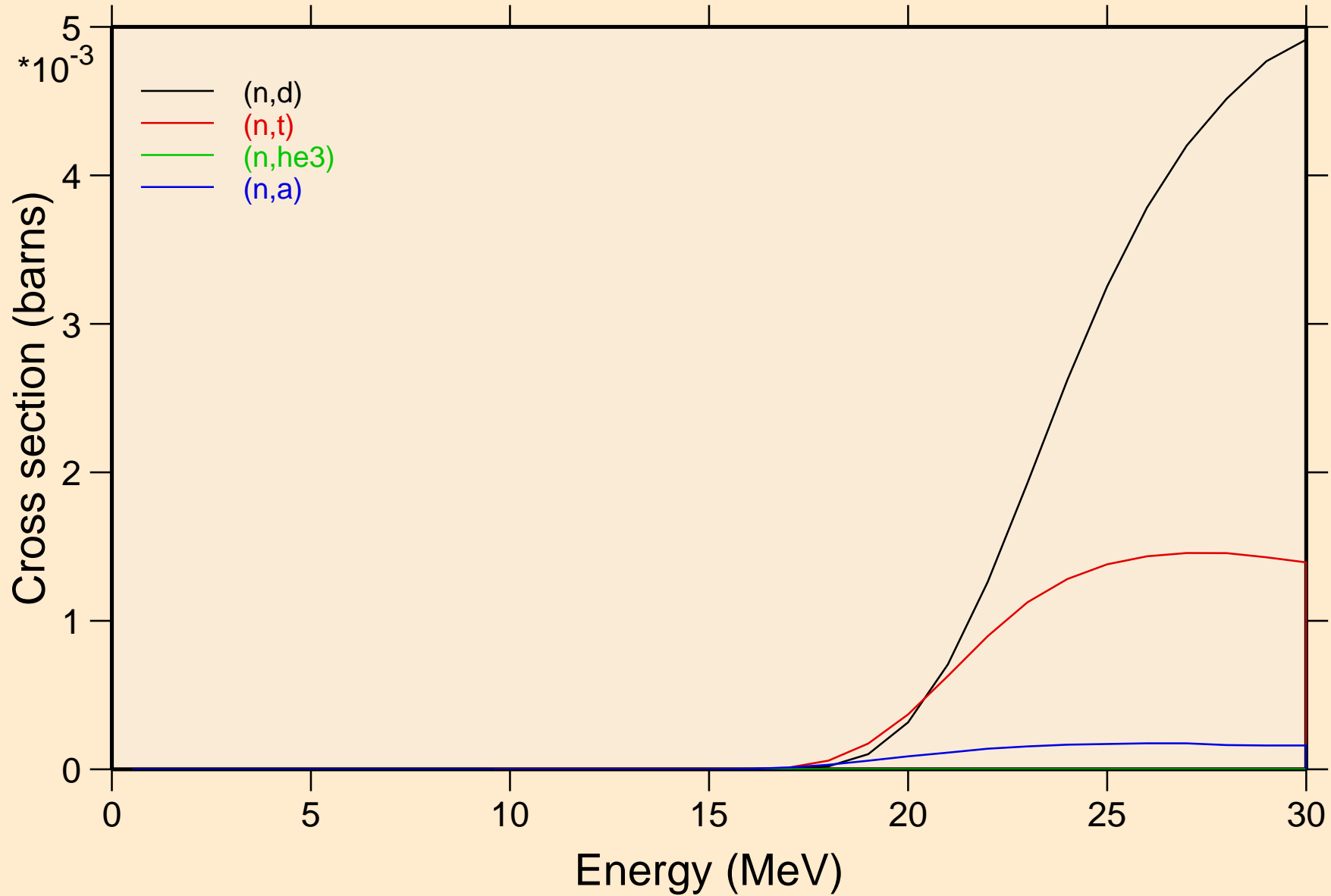
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

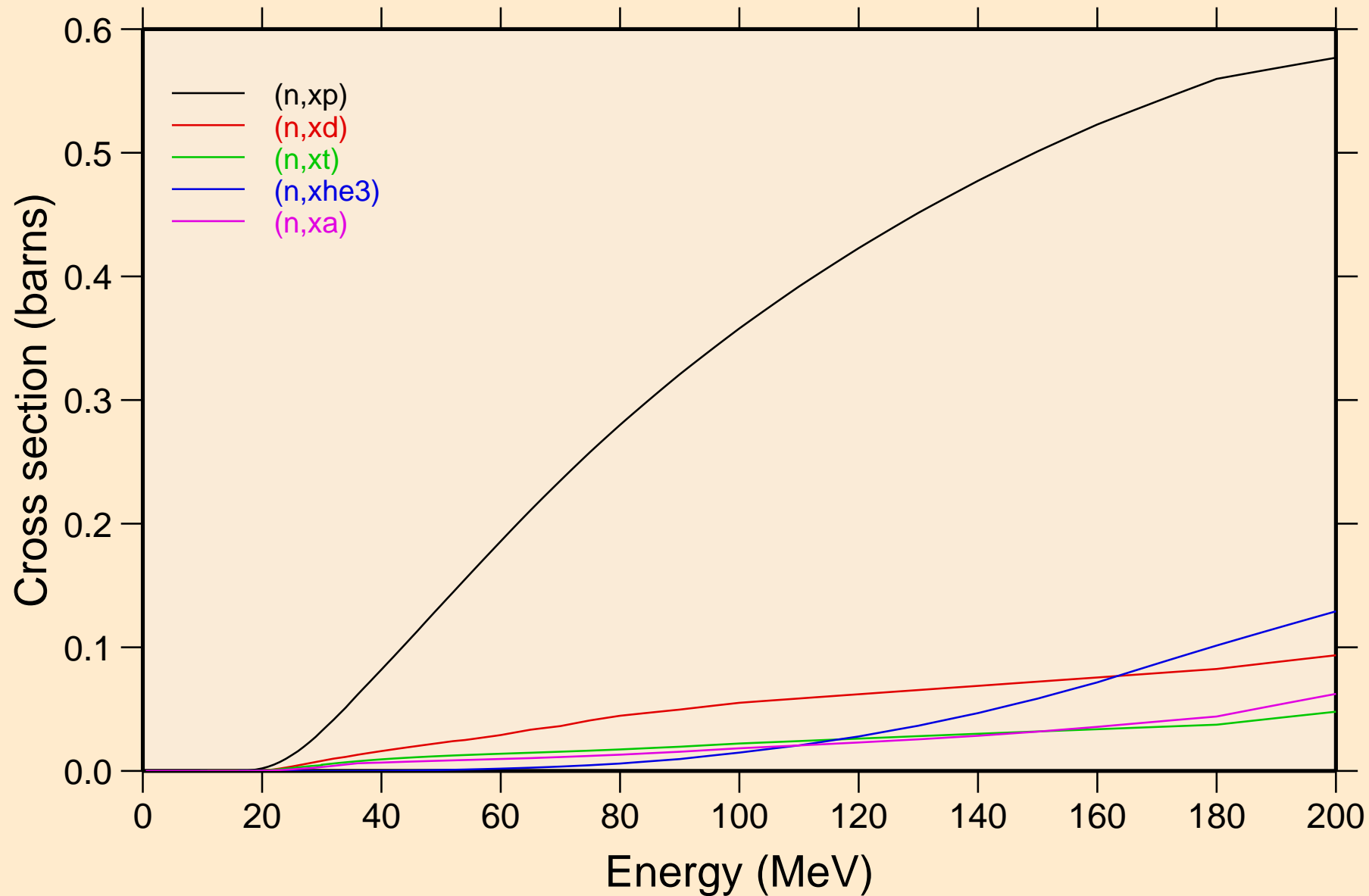


CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

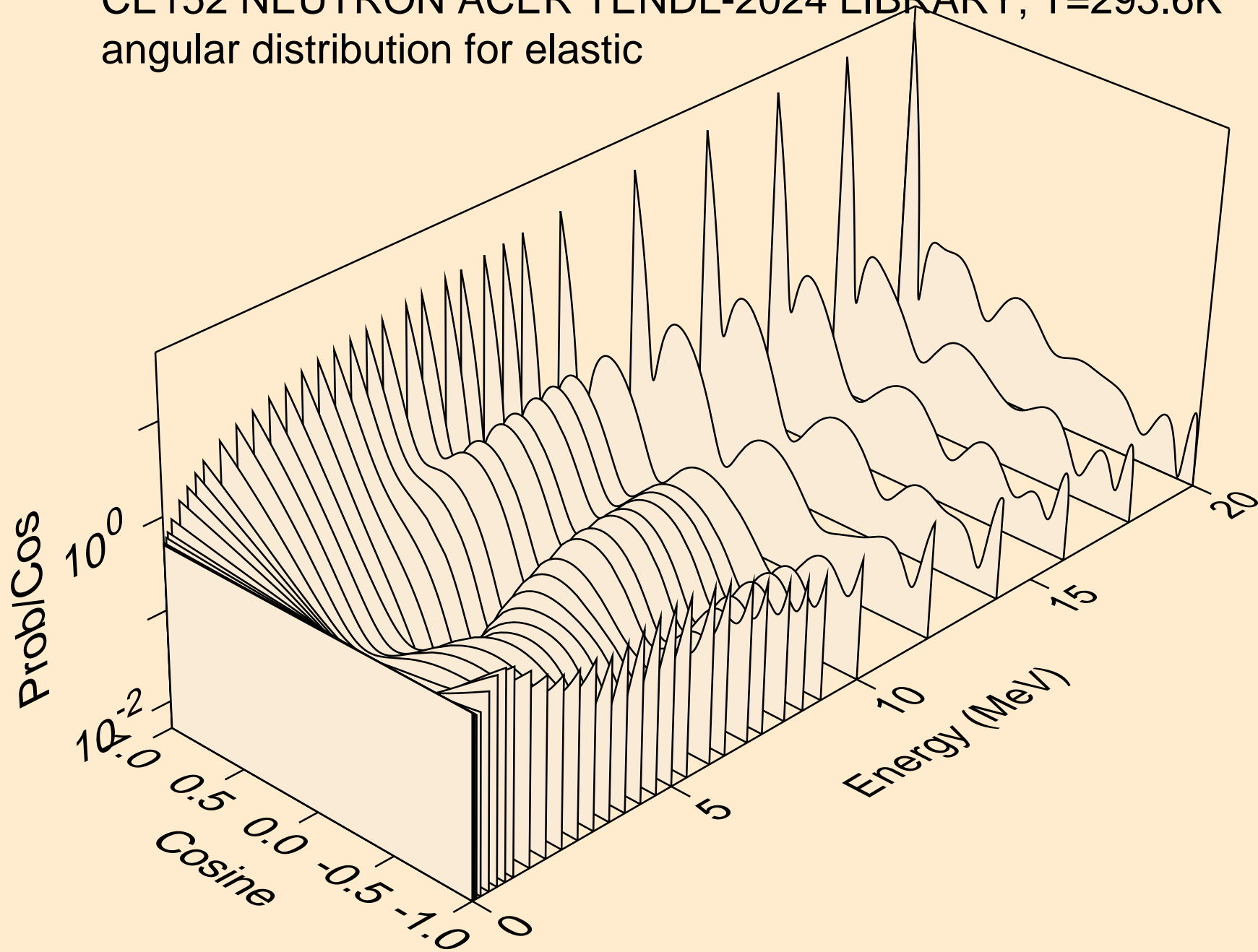


# CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

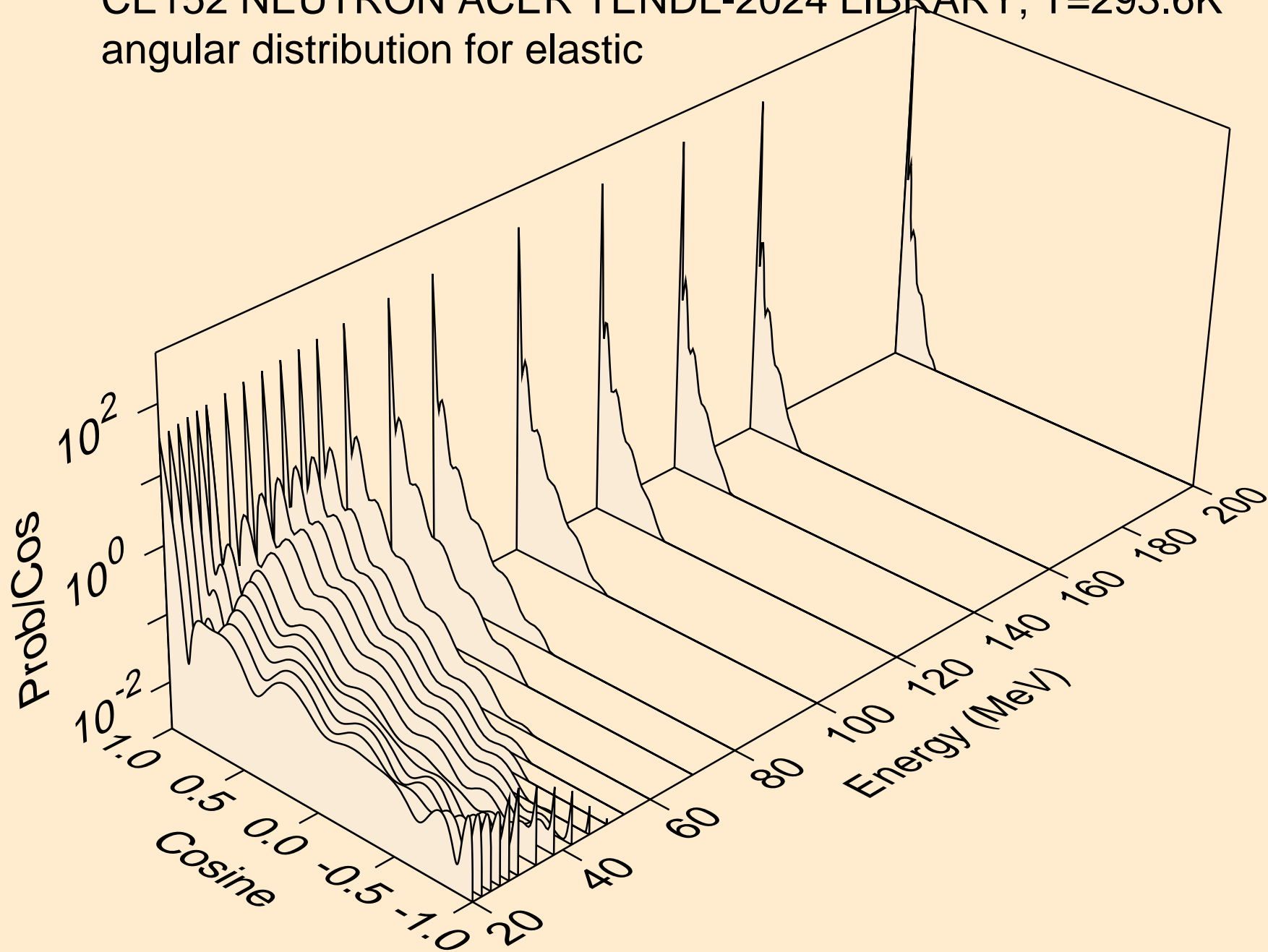
## Threshold reactions



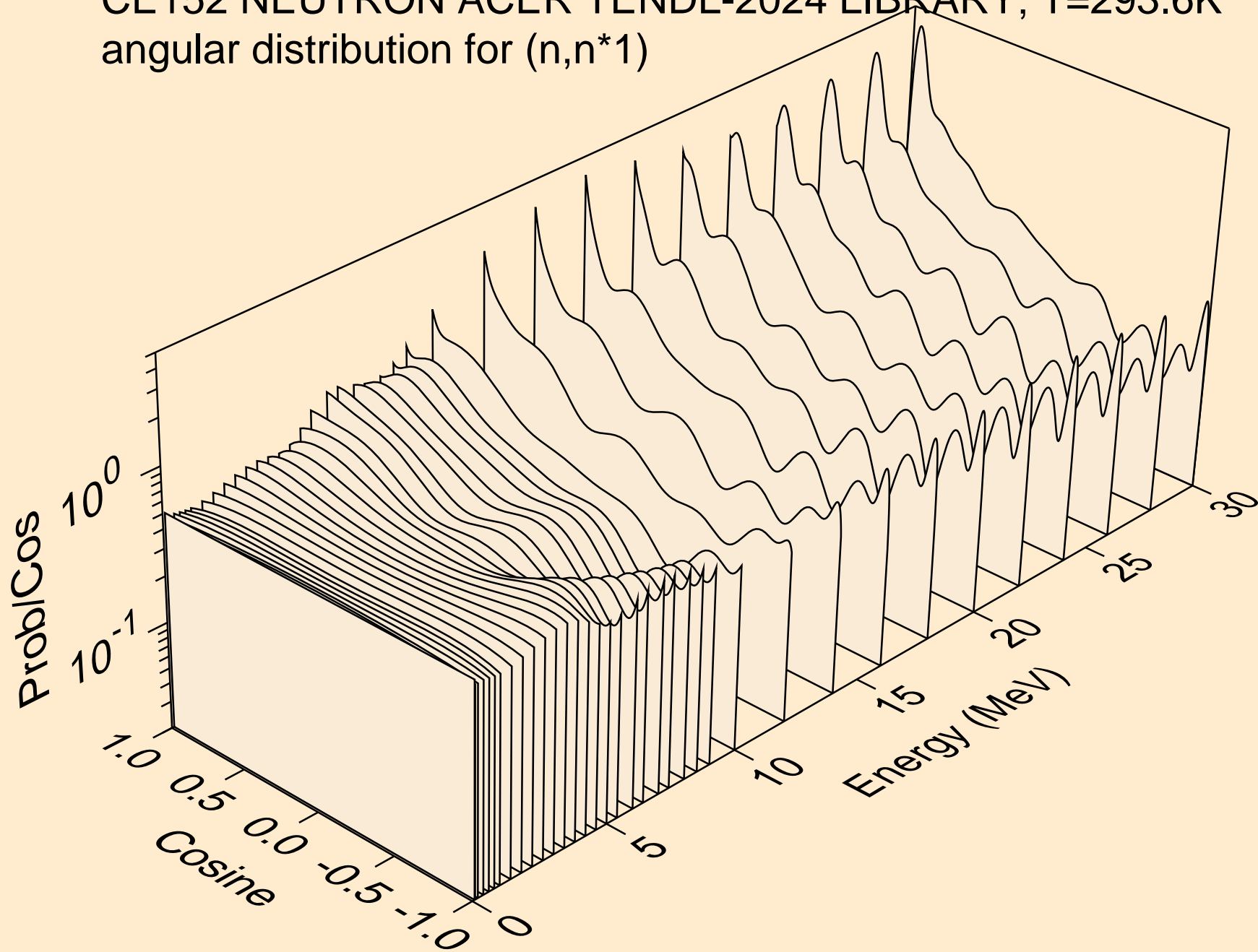
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



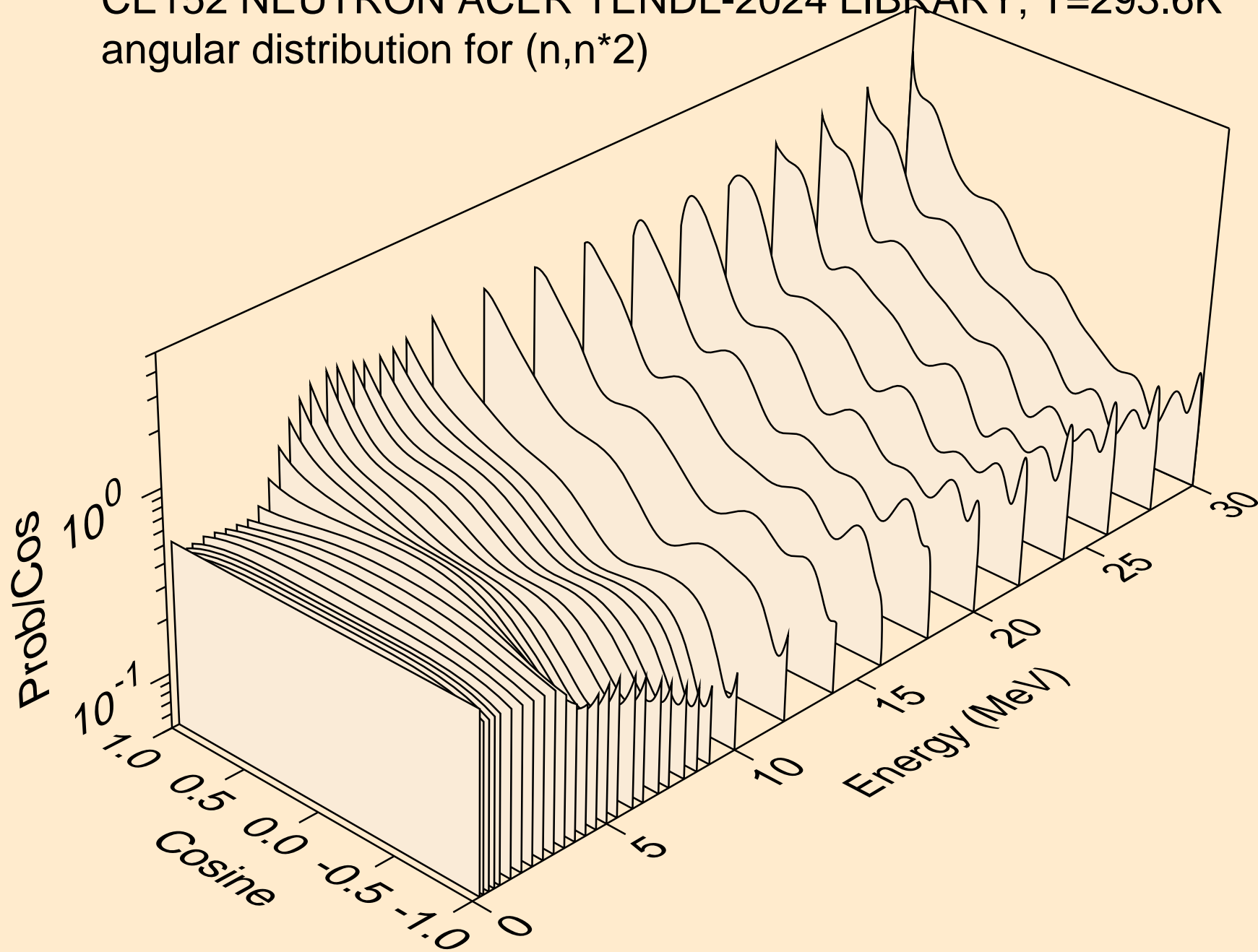
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angular distribution for elastic



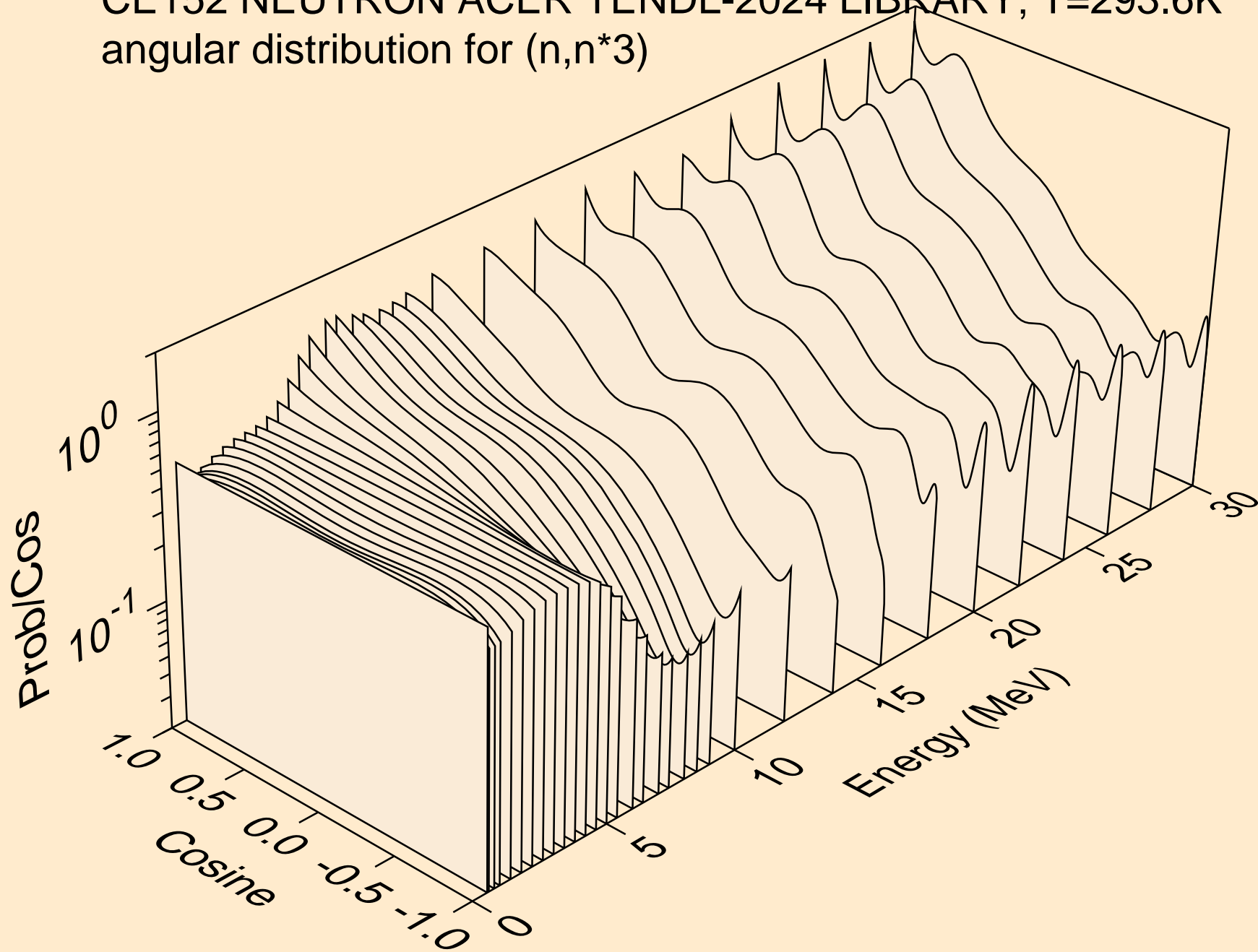
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



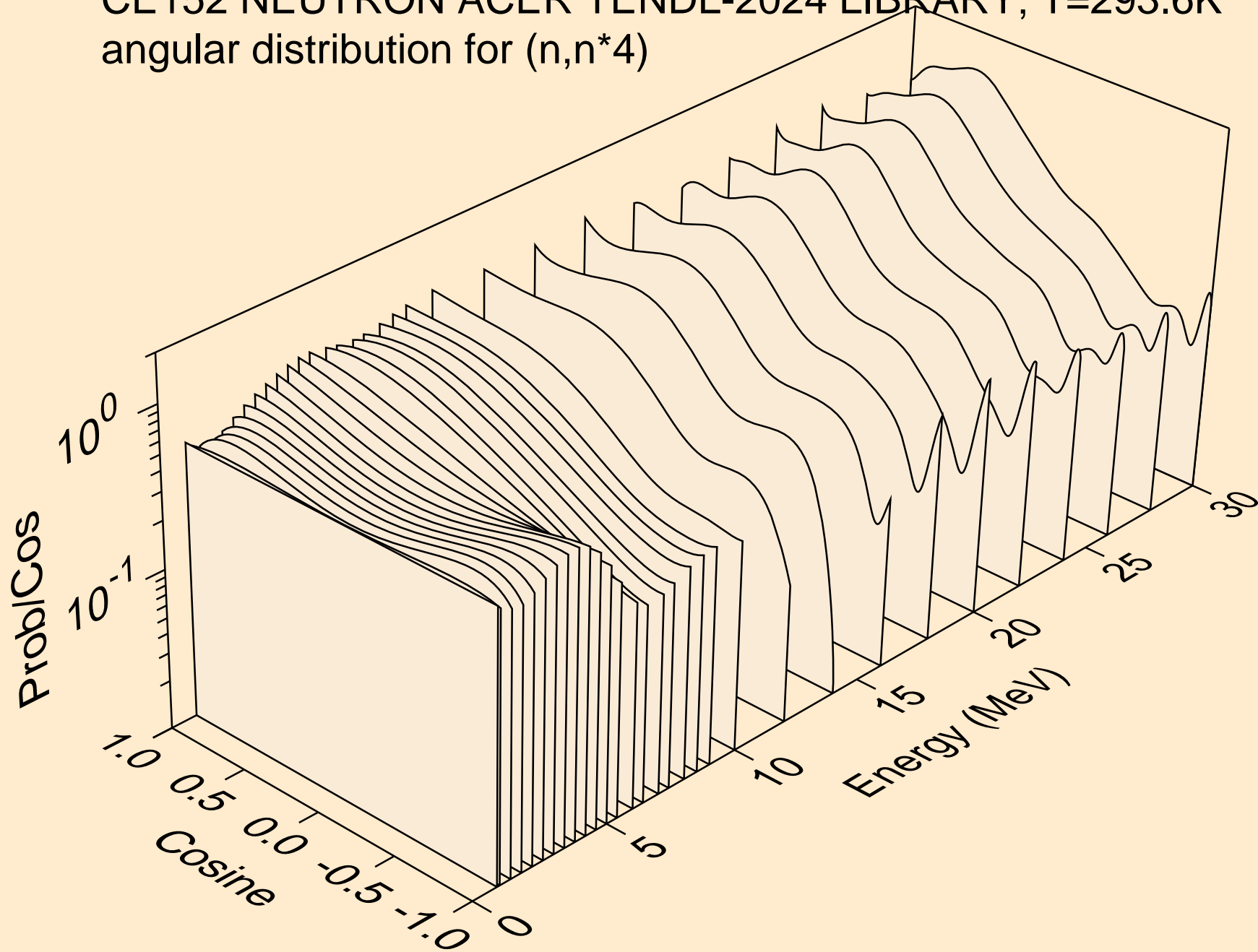
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*2)



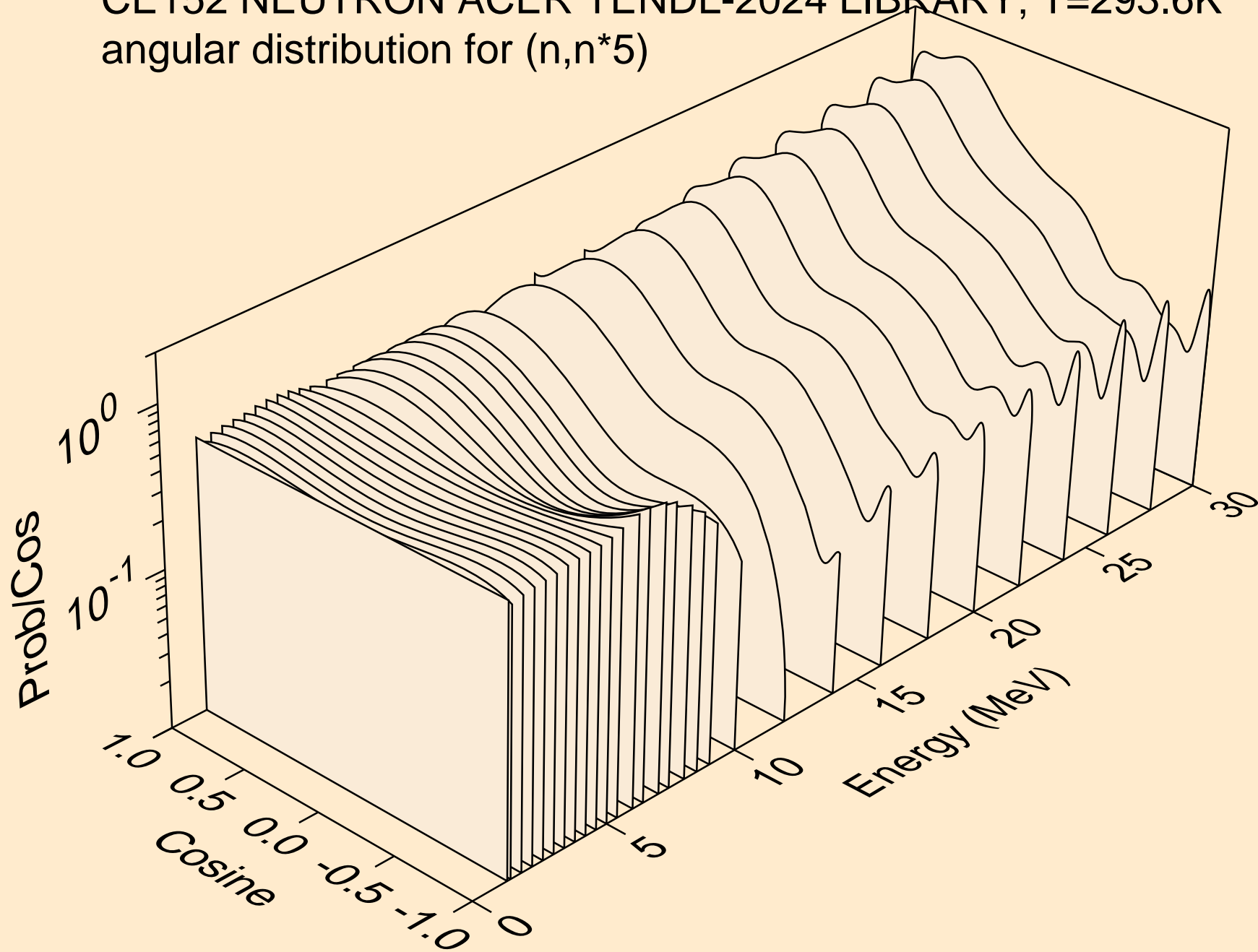
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*3)



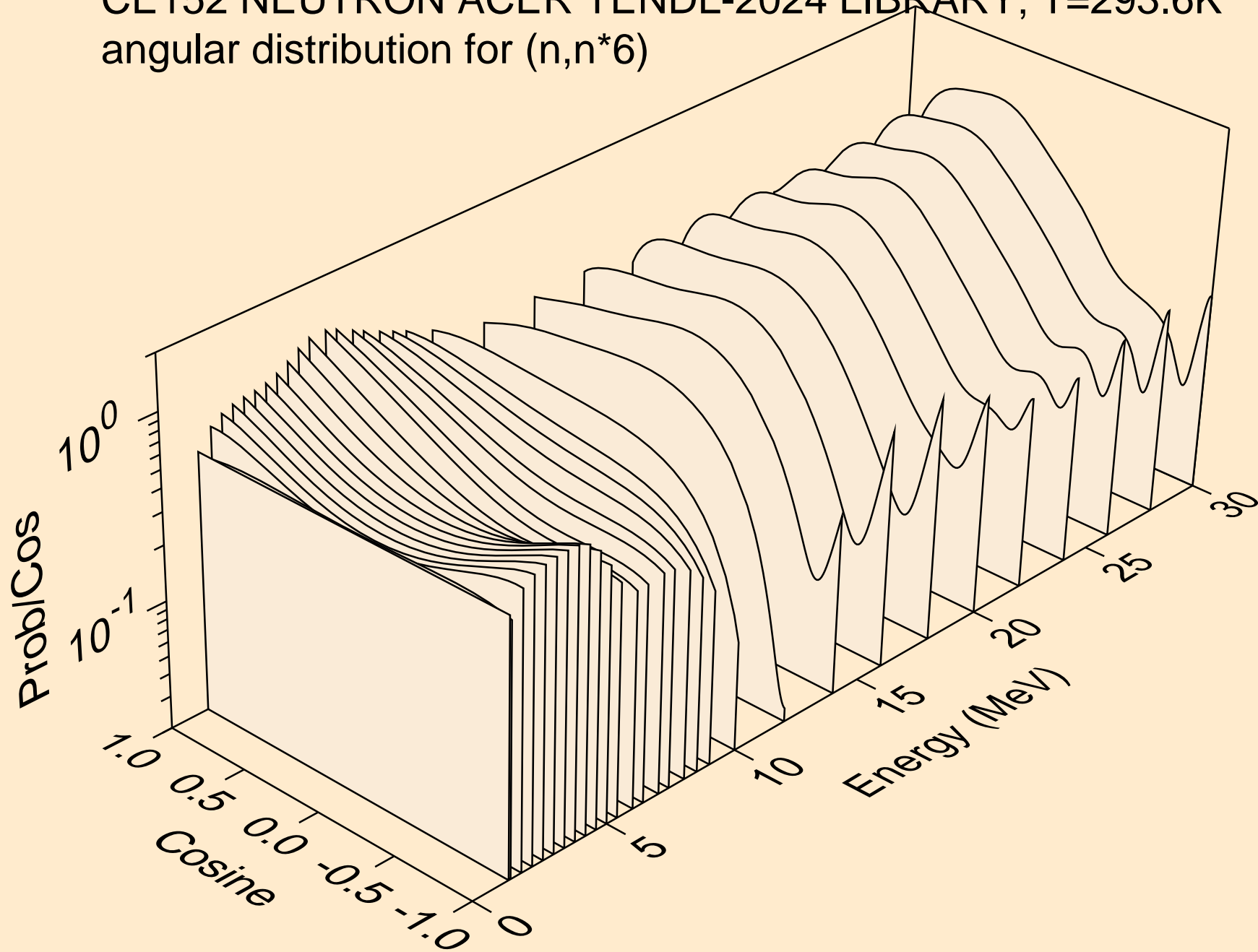
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angular distribution for (n,n\*4)



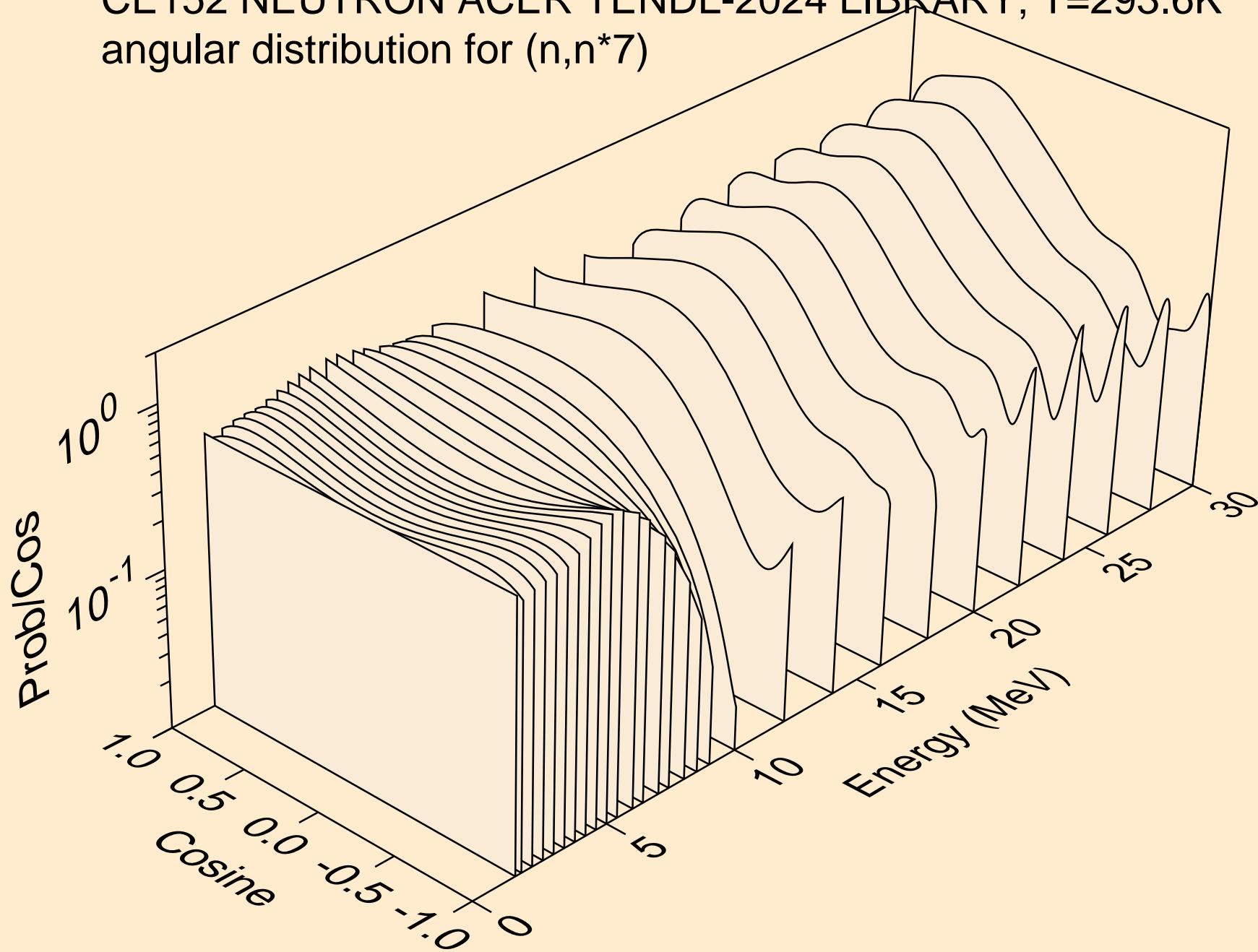
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angular distribution for (n,n\*5)



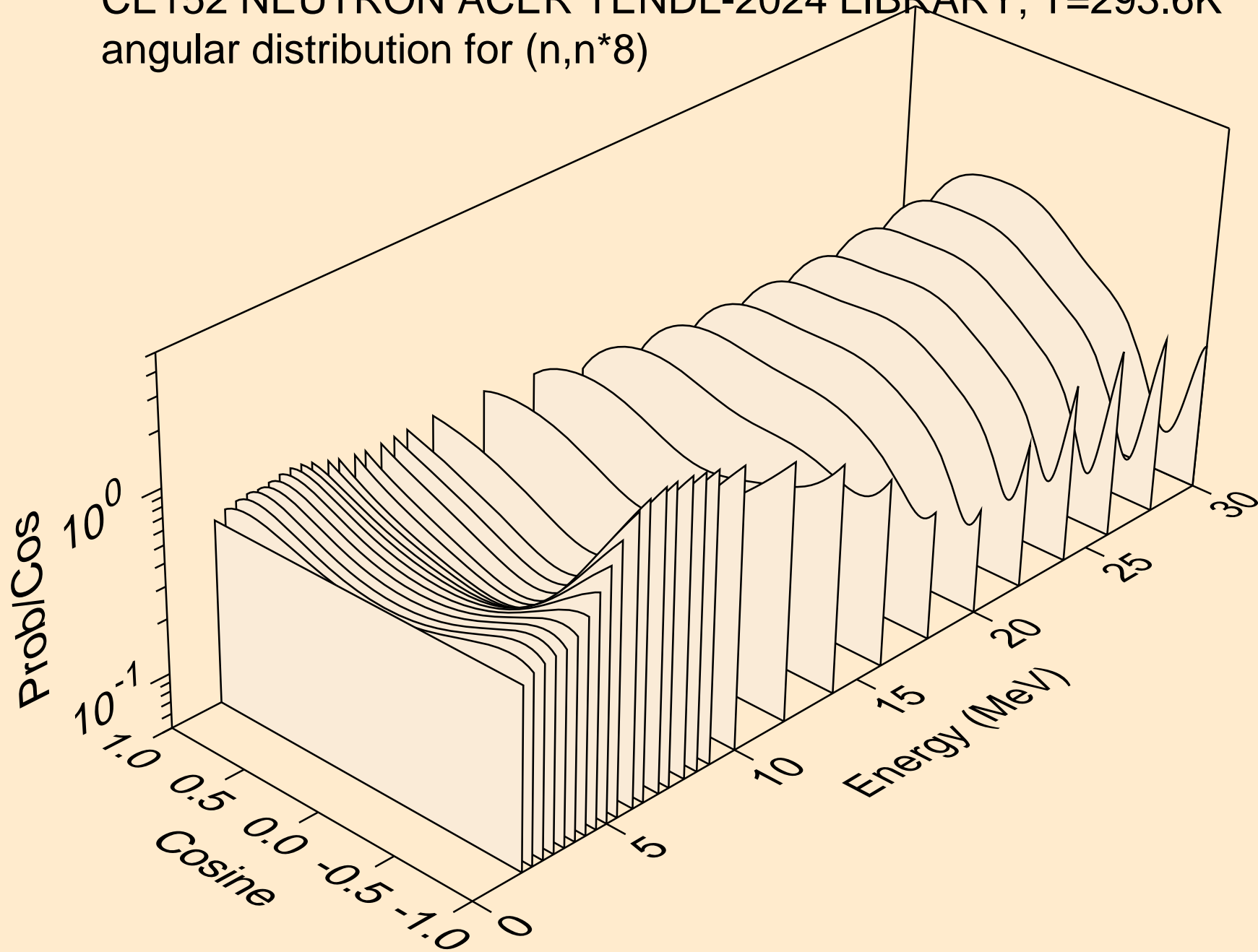
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angular distribution for (n,n\*6)



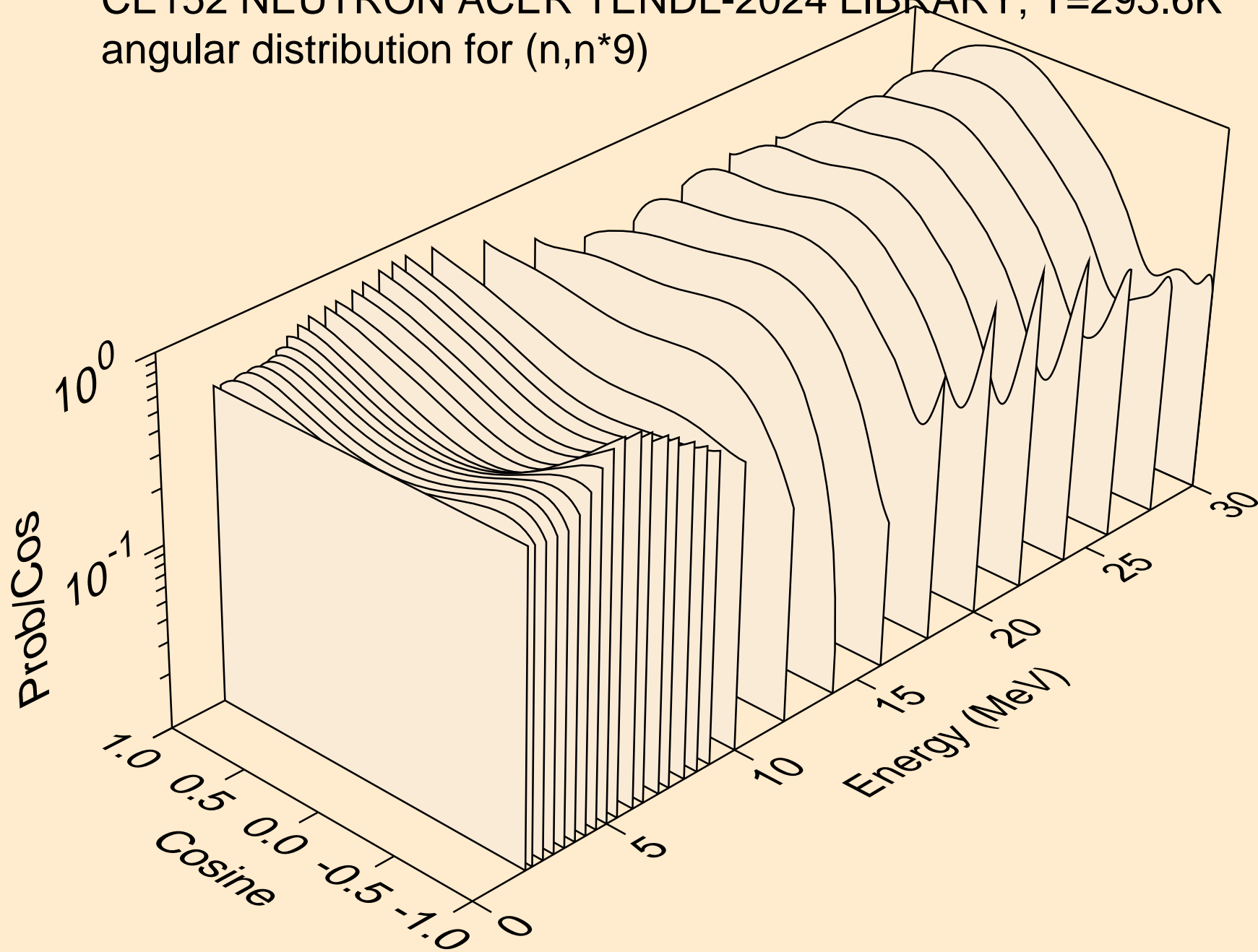
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angular distribution for (n,n\*7)



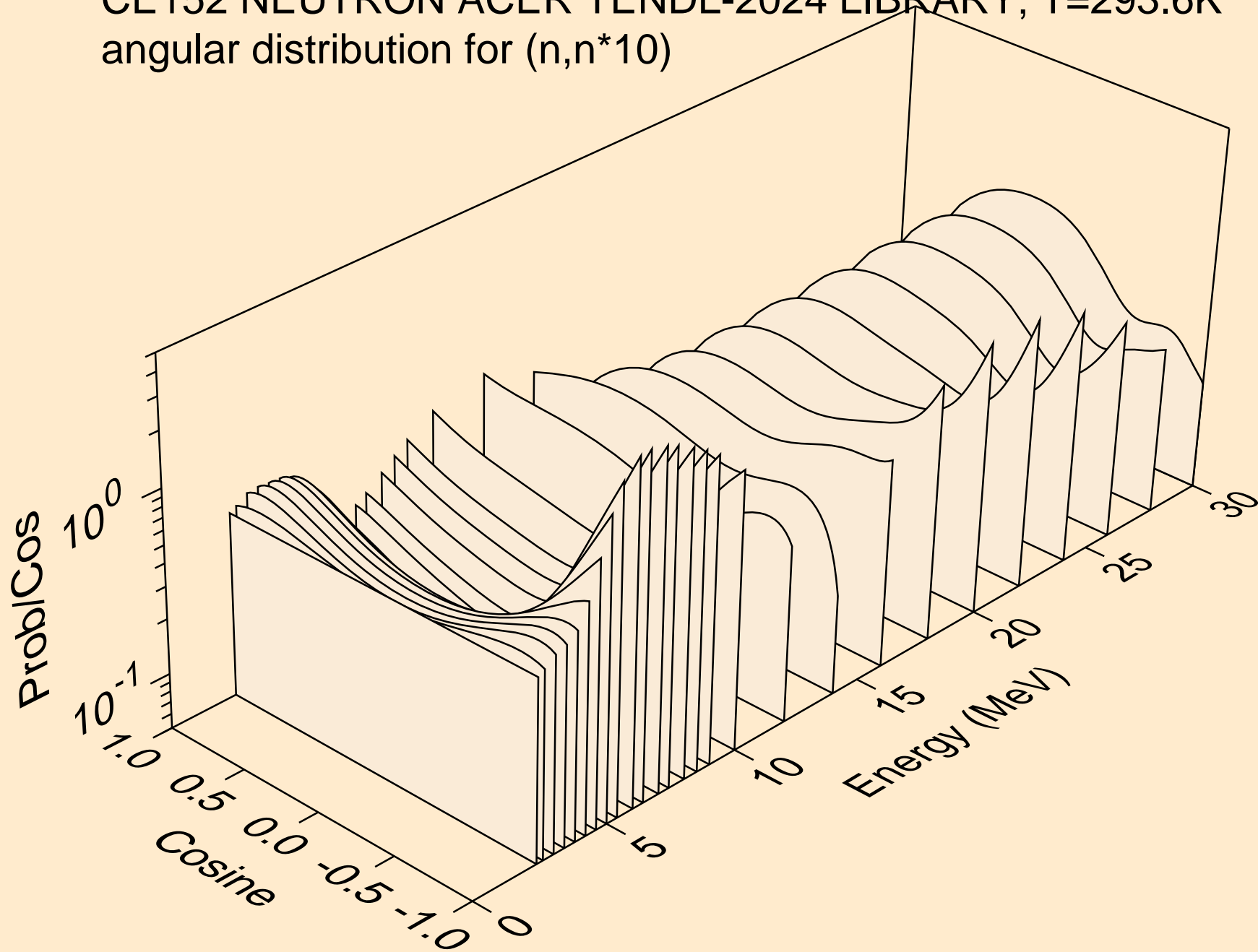
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angular distribution for (n,n\*8)



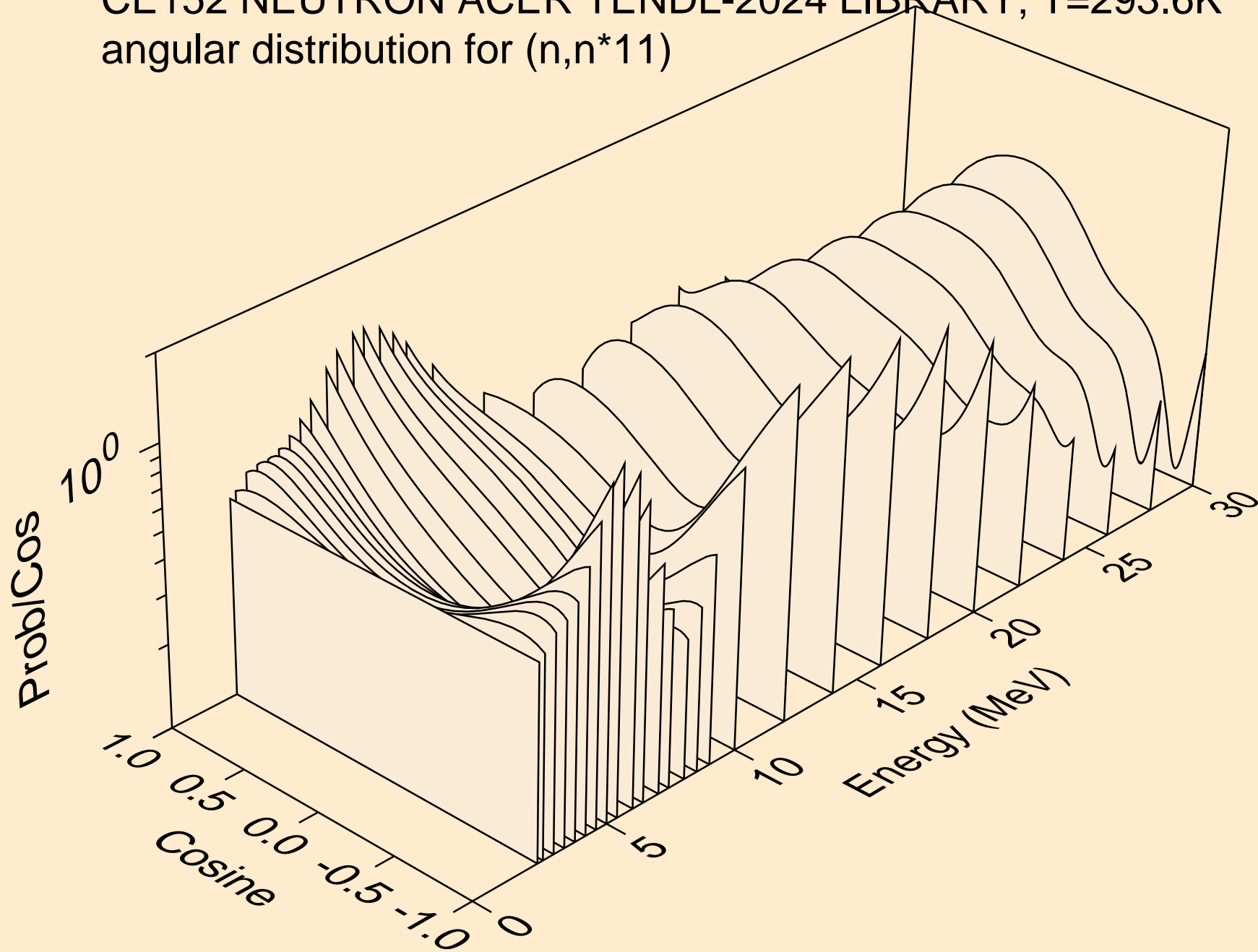
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angular distribution for (n,n\*9)



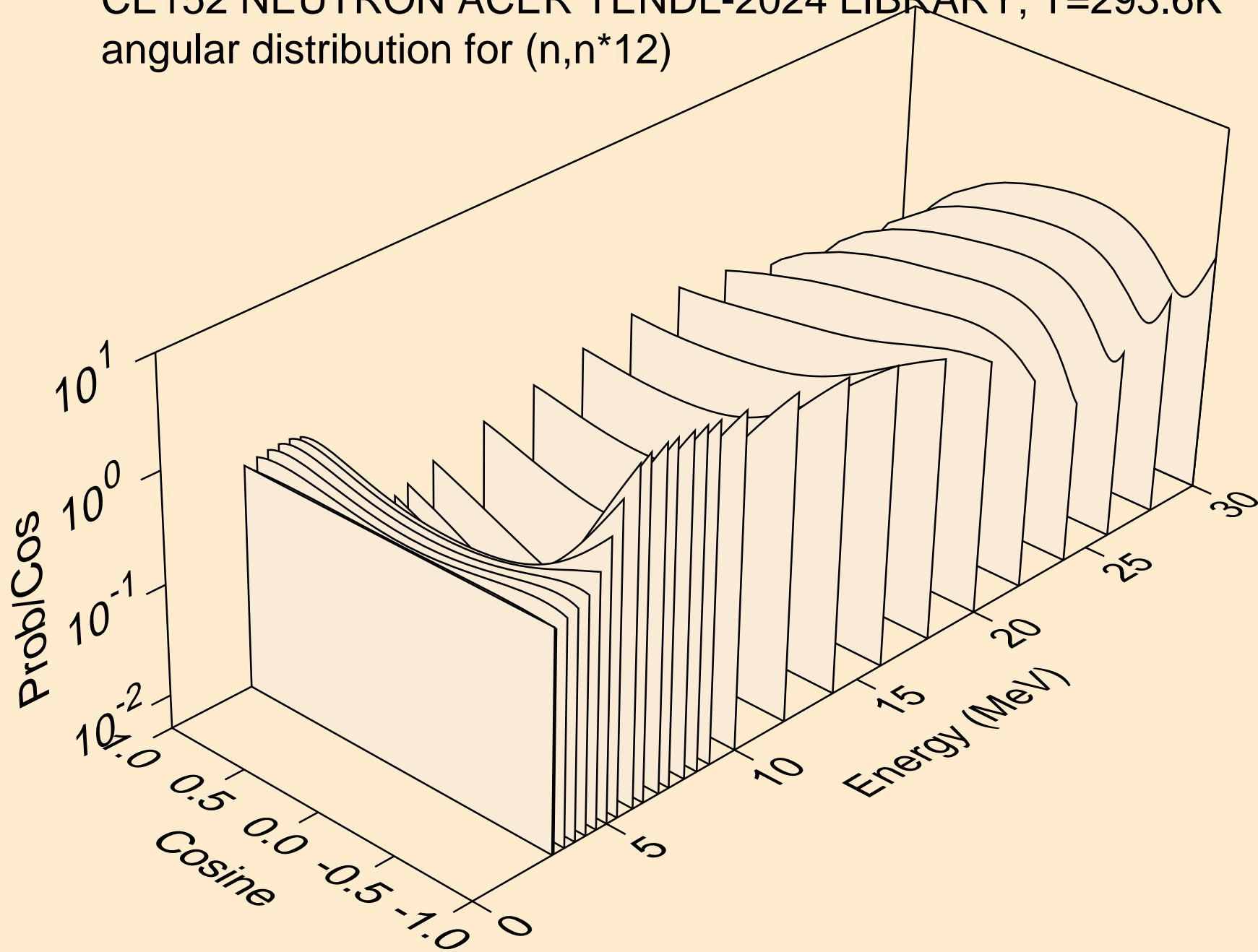
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angular distribution for (n,n\*10)



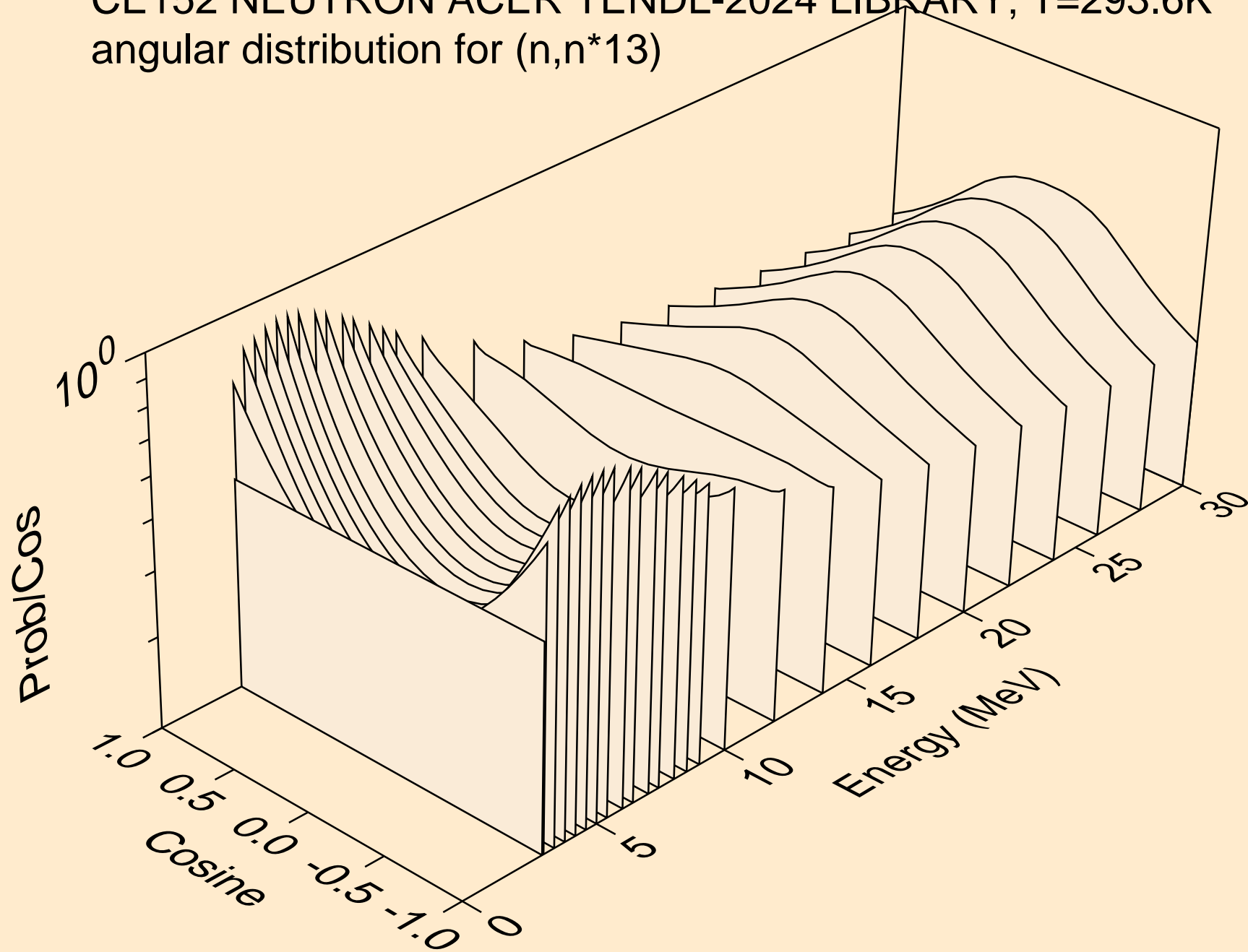
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angular distribution for (n,n\*11)



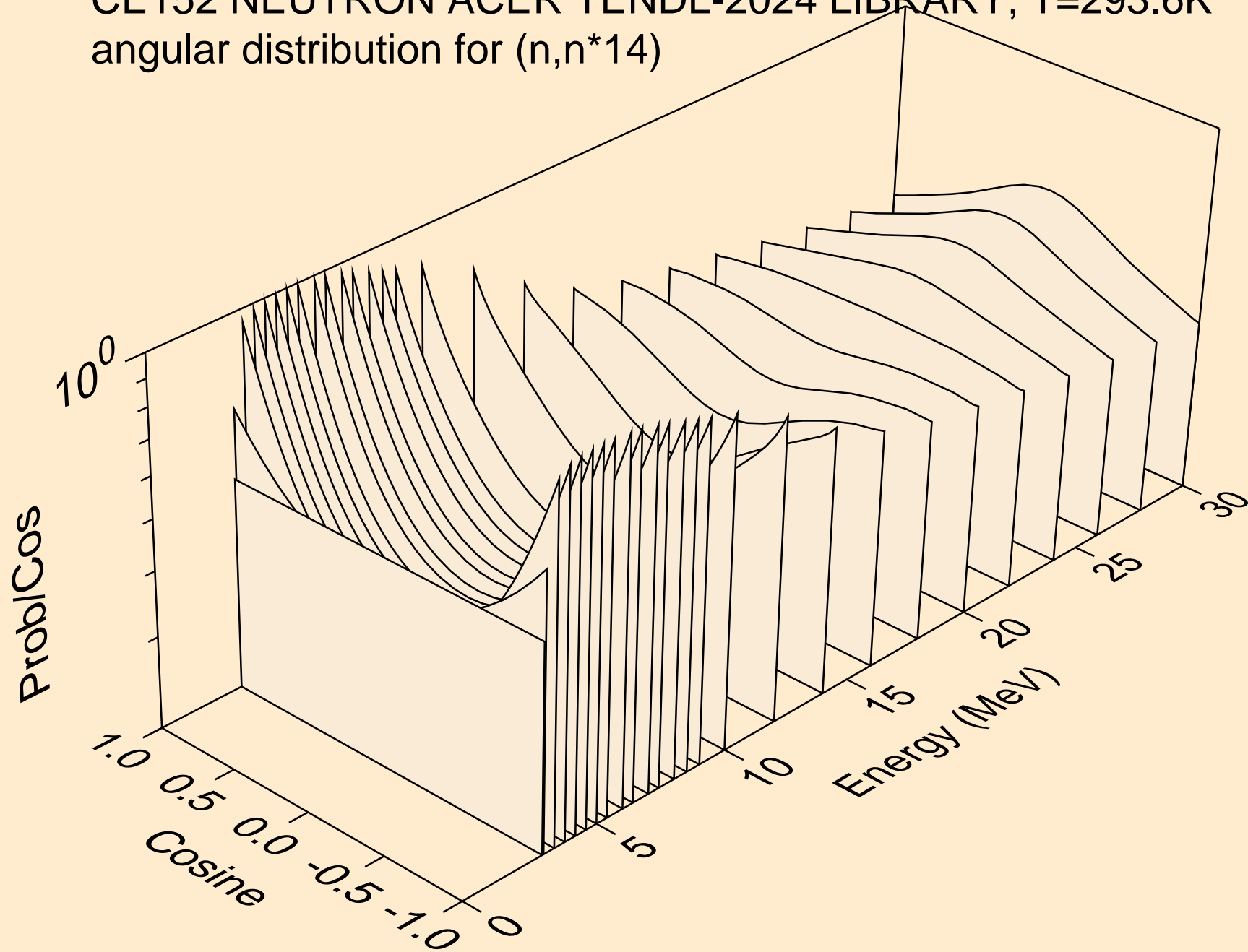
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angular distribution for (n,n\*12)



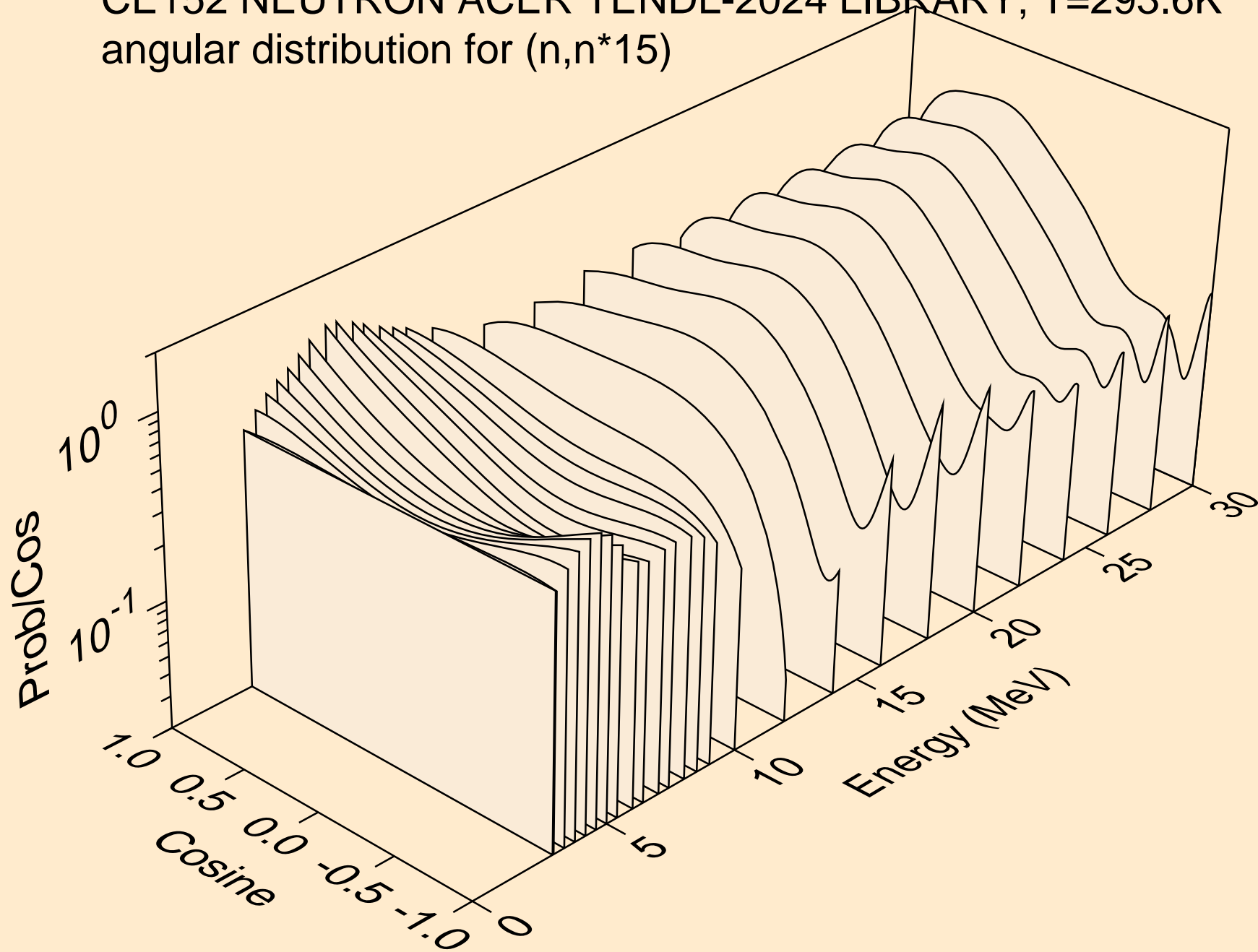
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angular distribution for (n,n\*13)



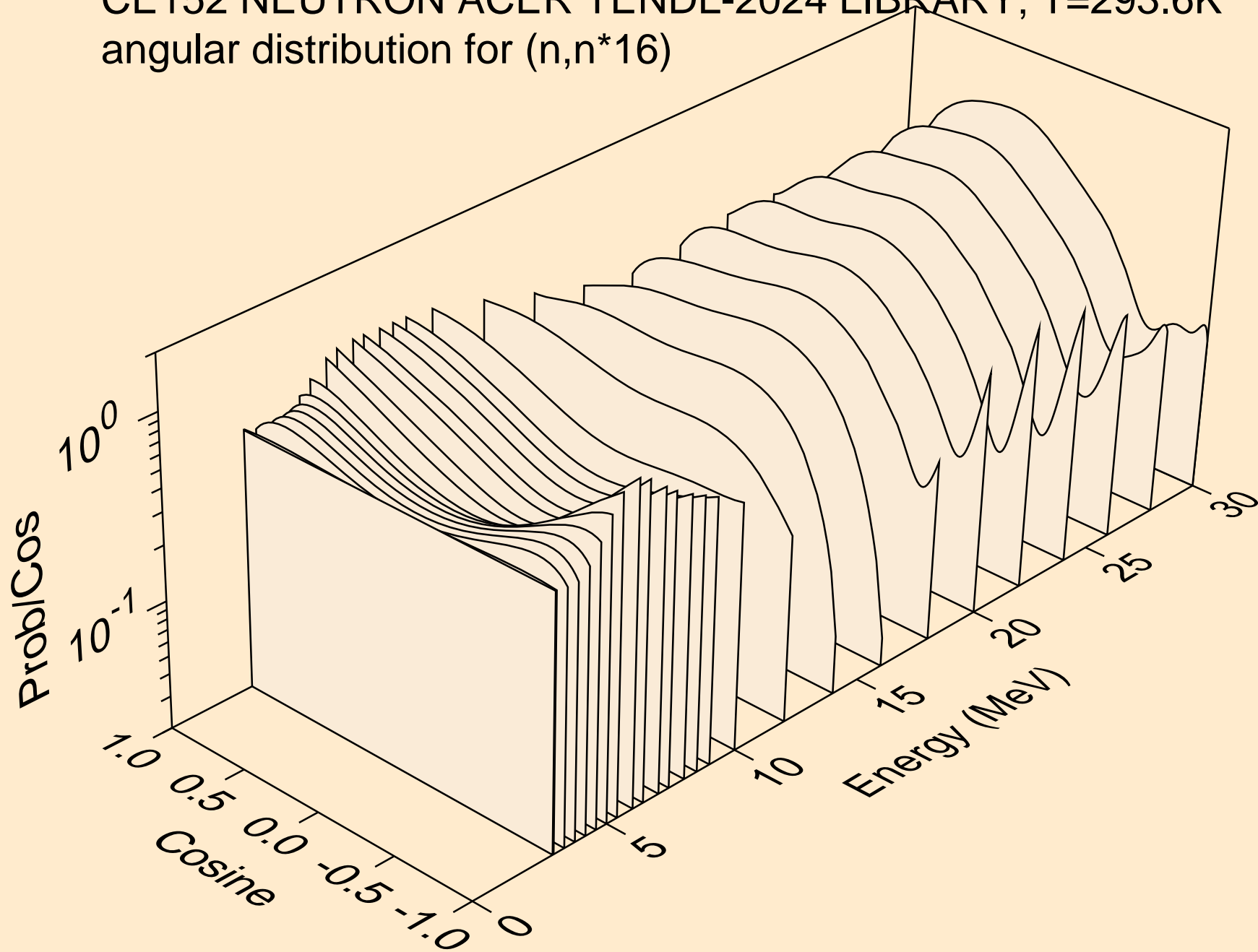
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angular distribution for (n,n\*14)



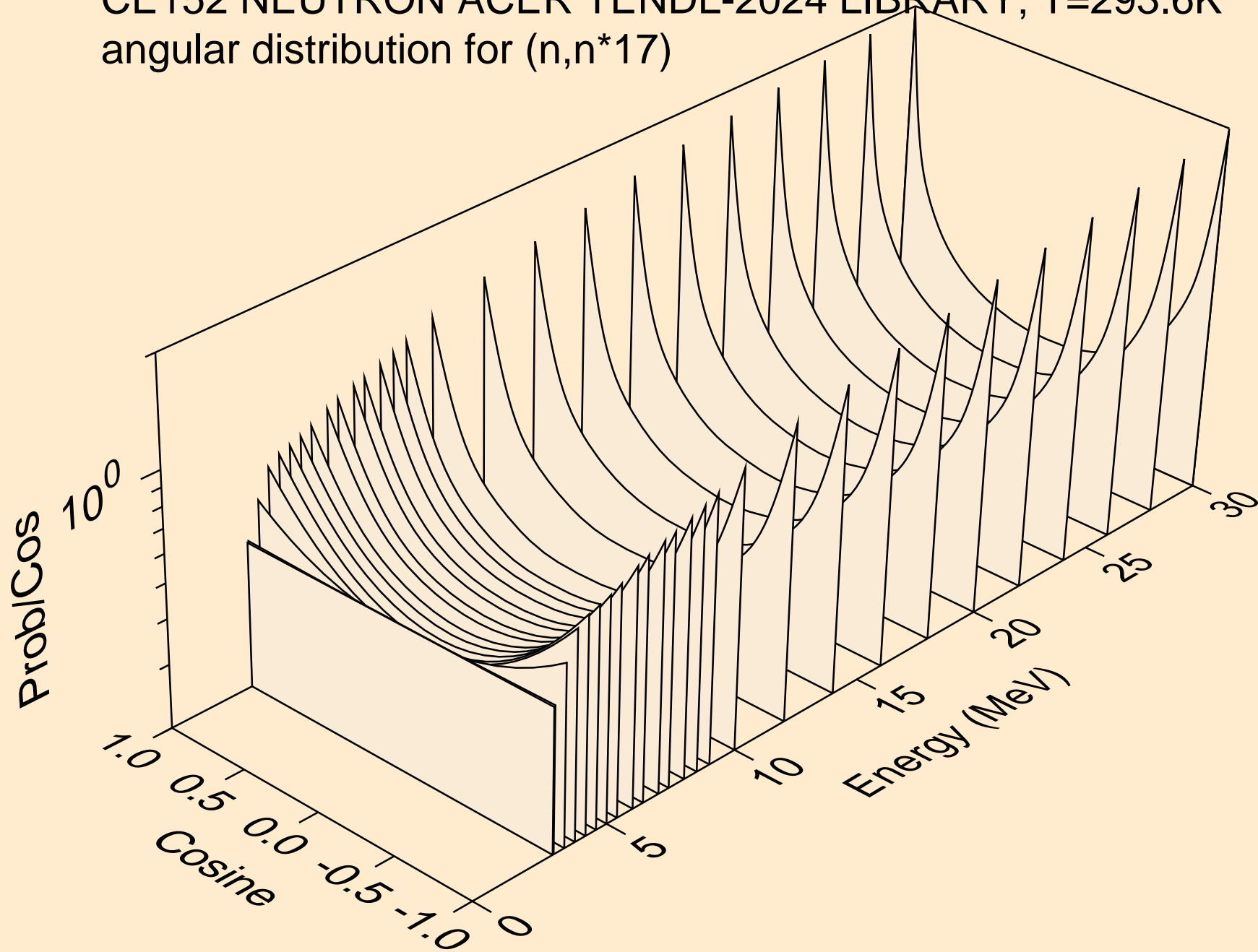
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angular distribution for (n,n\*15)



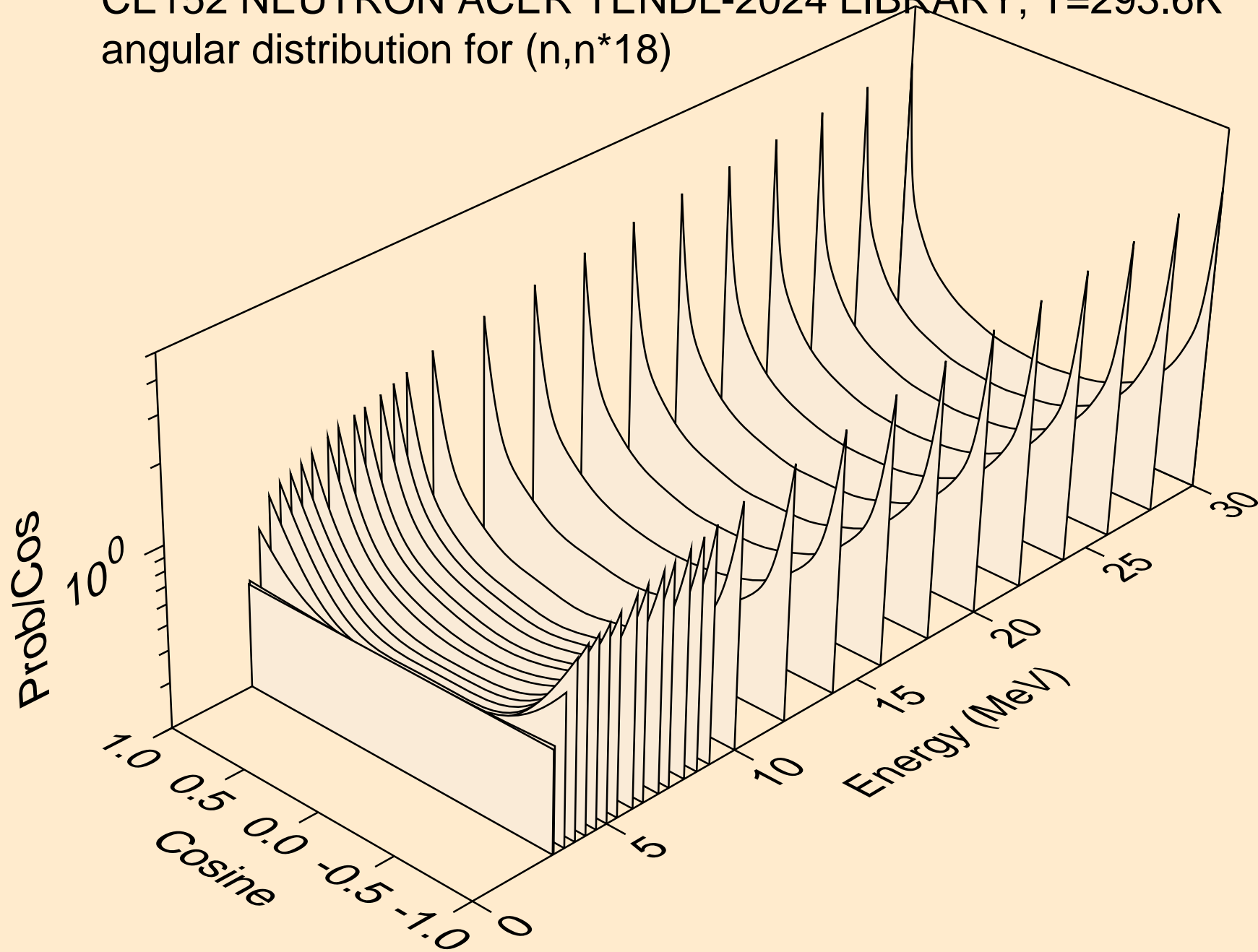
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angular distribution for (n,n\*16)



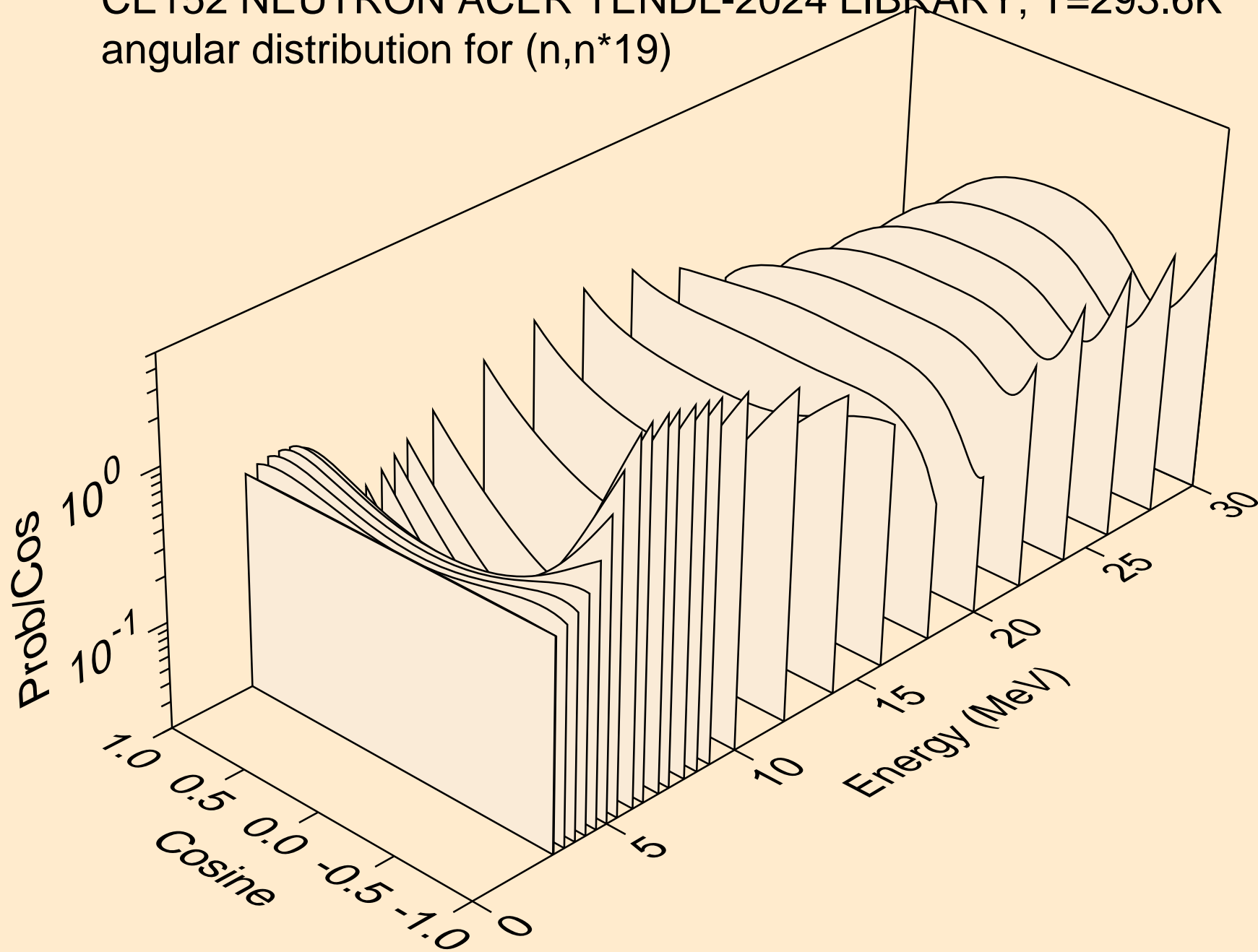
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angular distribution for (n,n\*17)



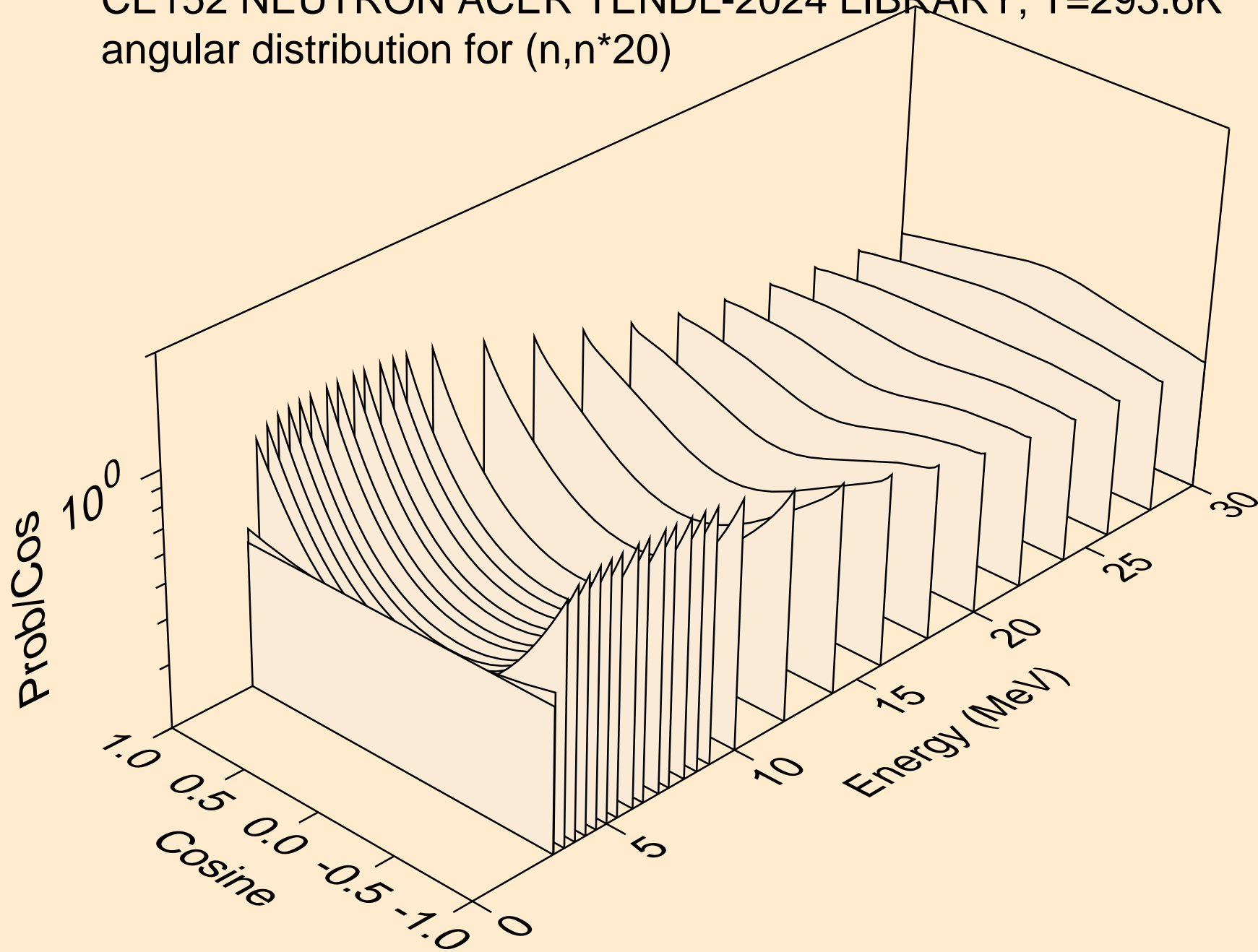
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angular distribution for (n,n\*18)



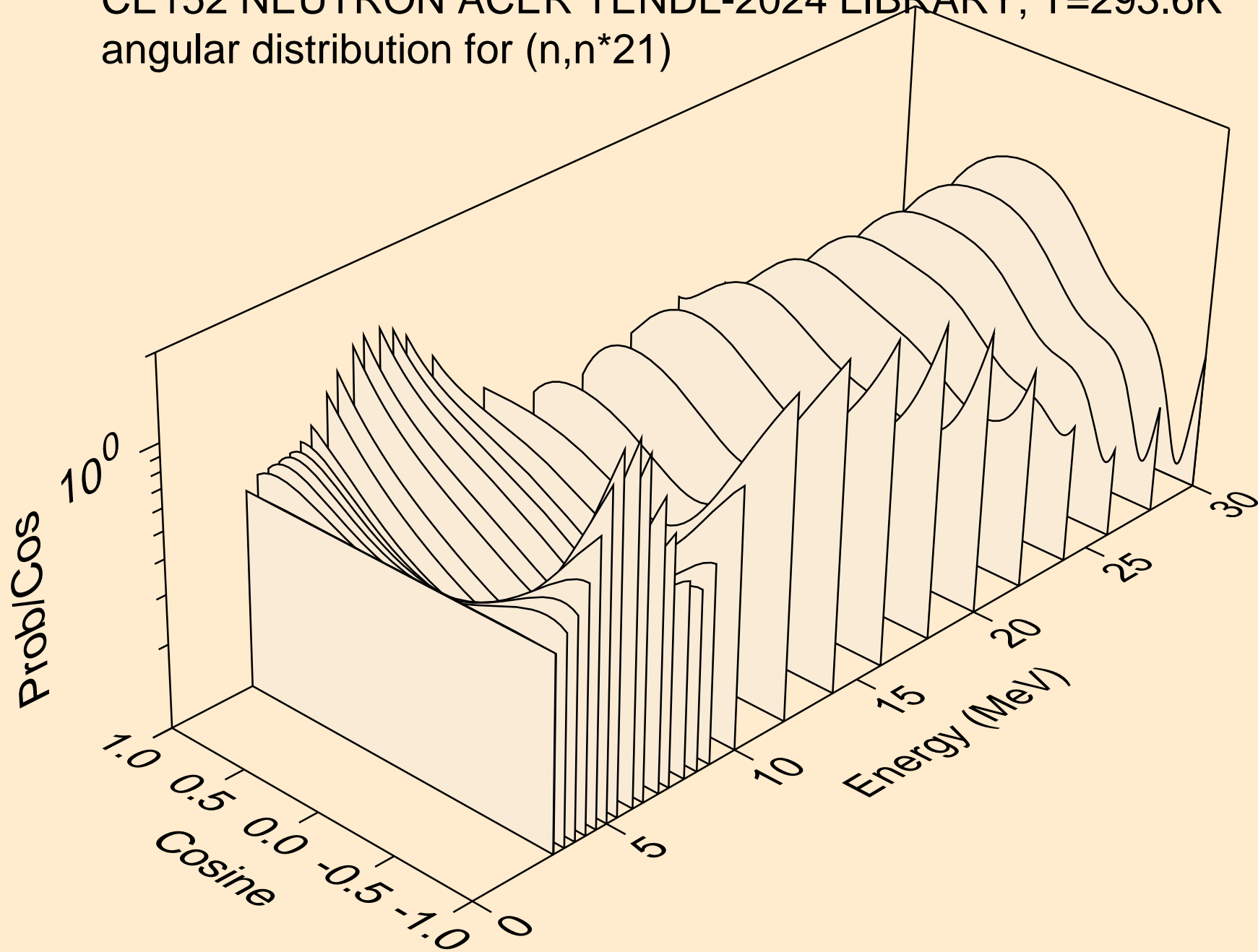
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angular distribution for (n,n\*19)



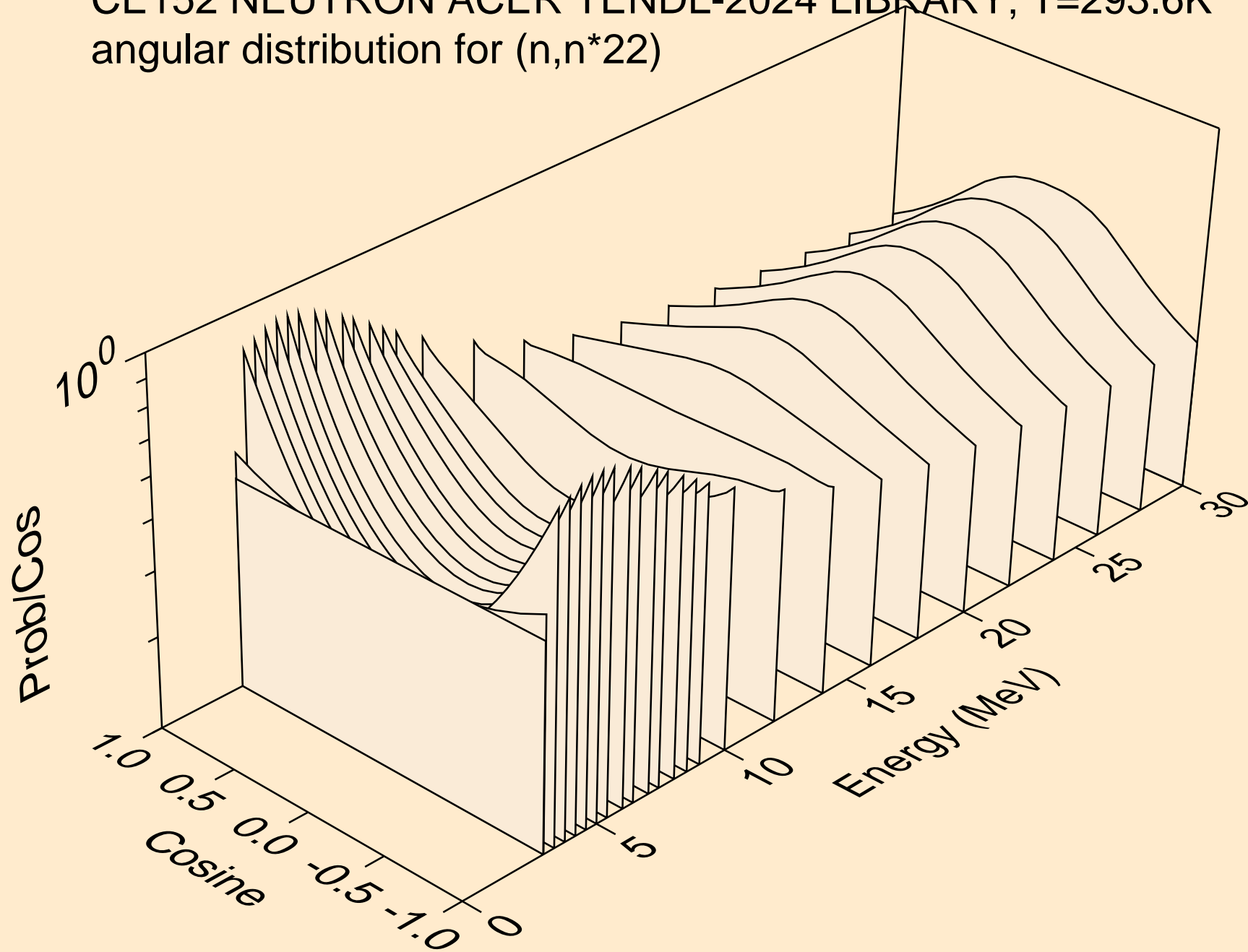
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angular distribution for (n,n\*20)



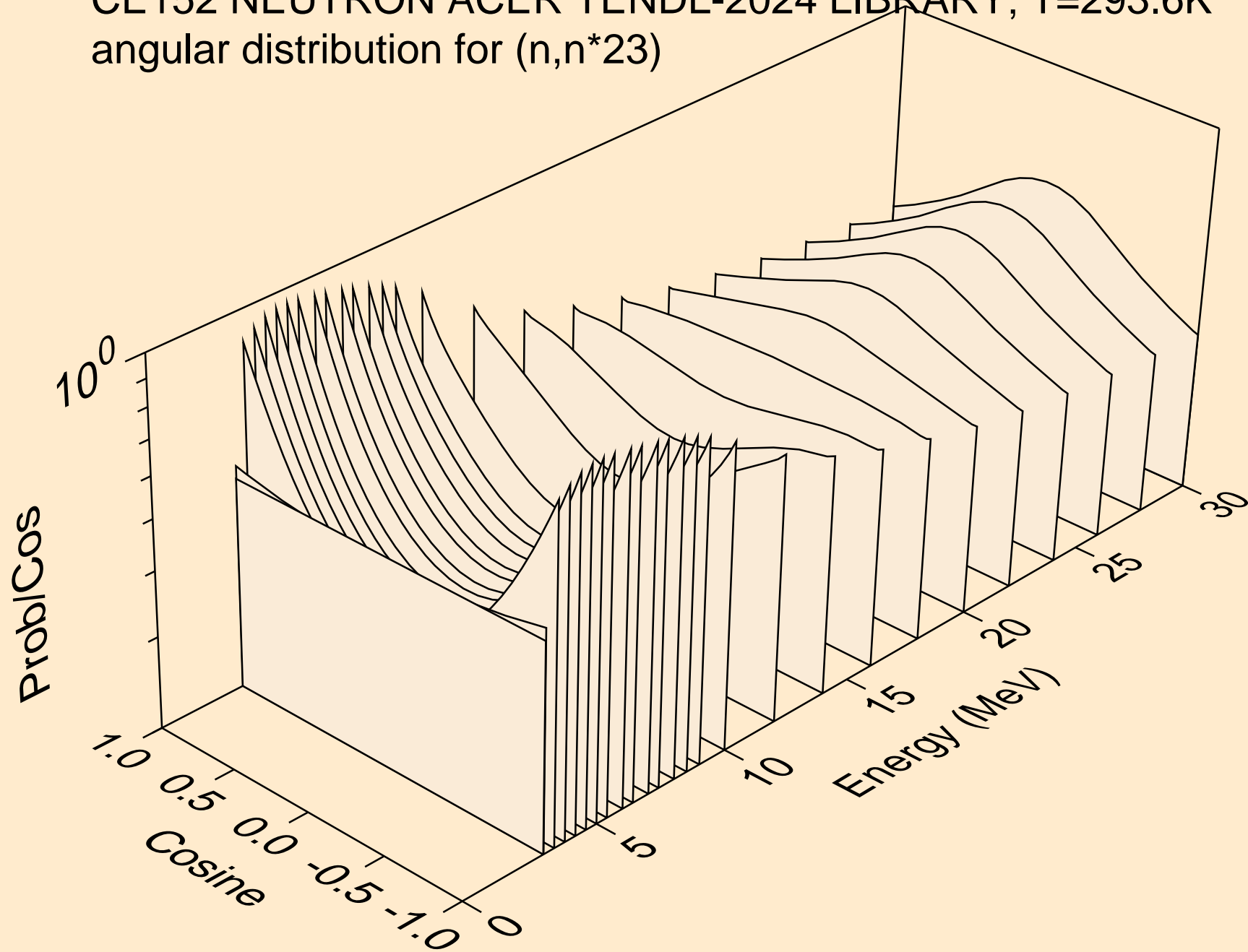
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angular distribution for (n,n\*21)



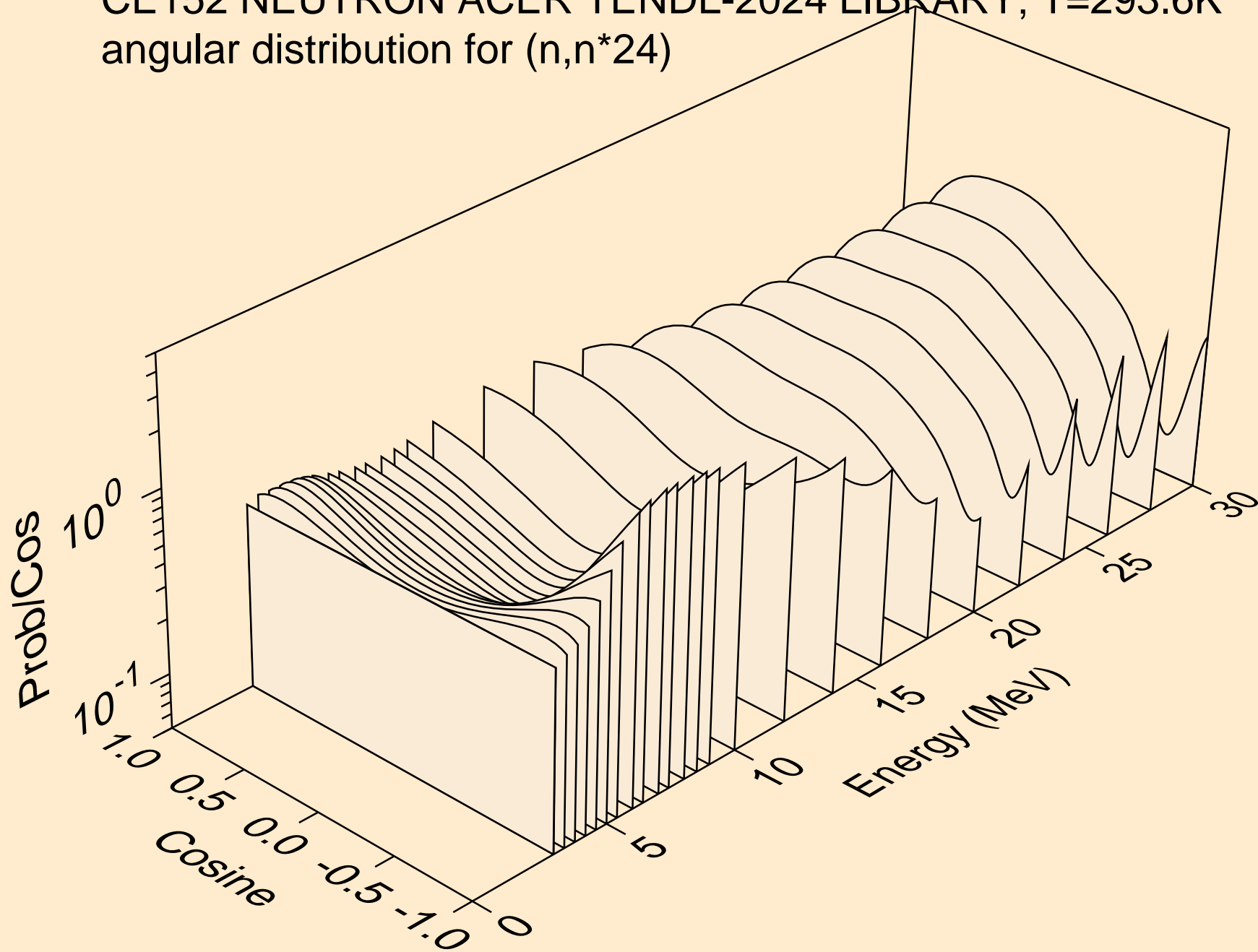
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angular distribution for (n,n\*22)



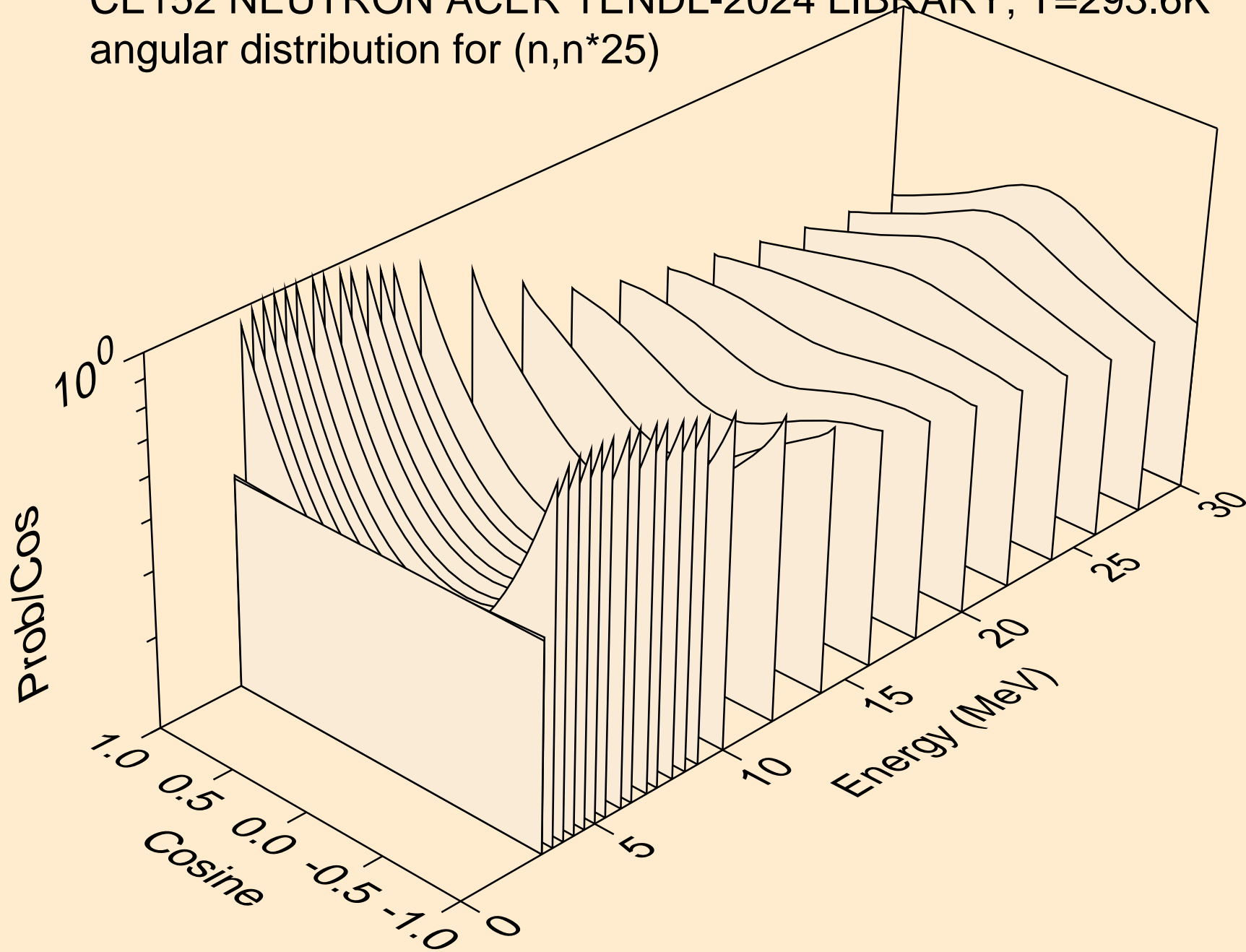
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angular distribution for (n,n\*23)



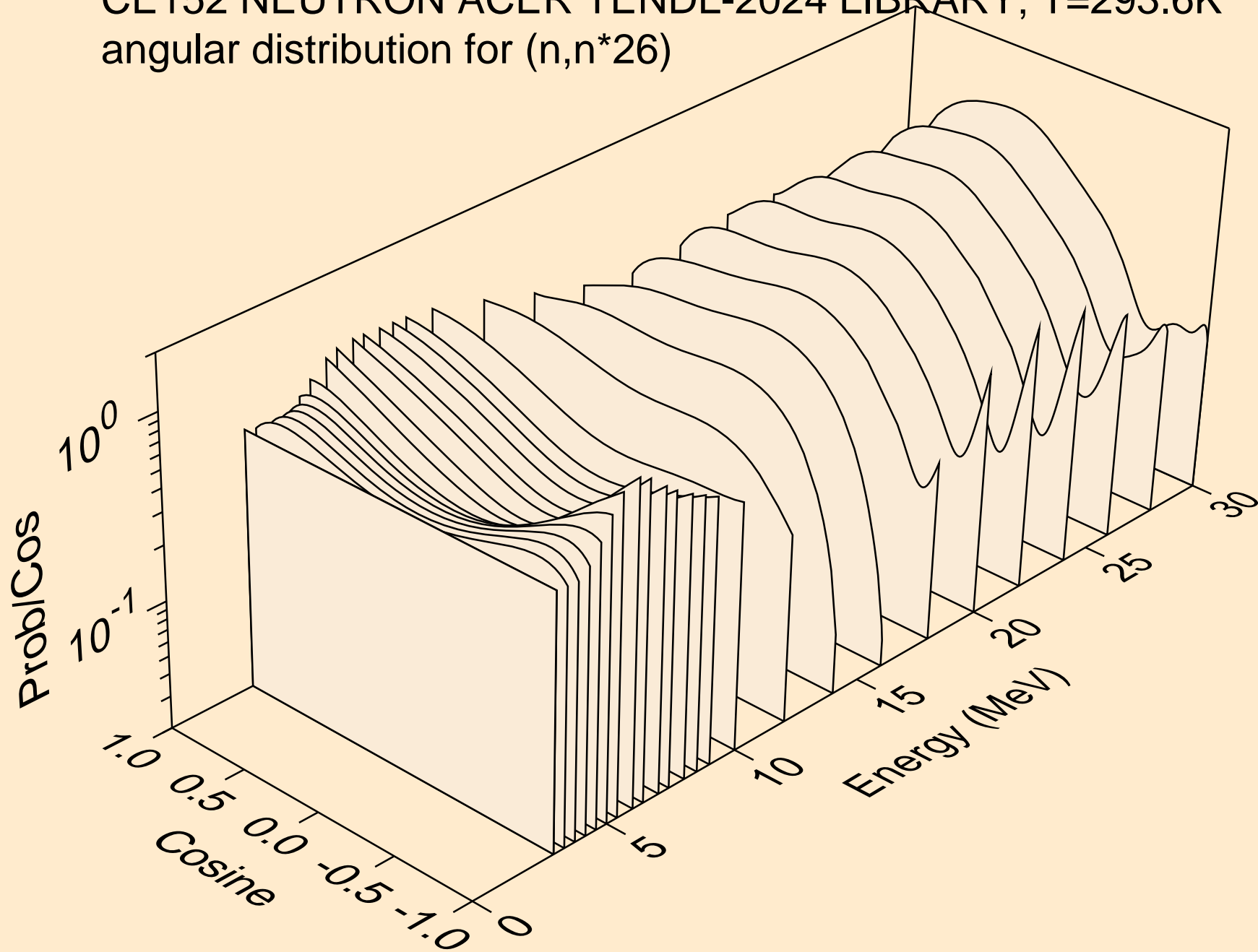
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angular distribution for (n,n\*24)



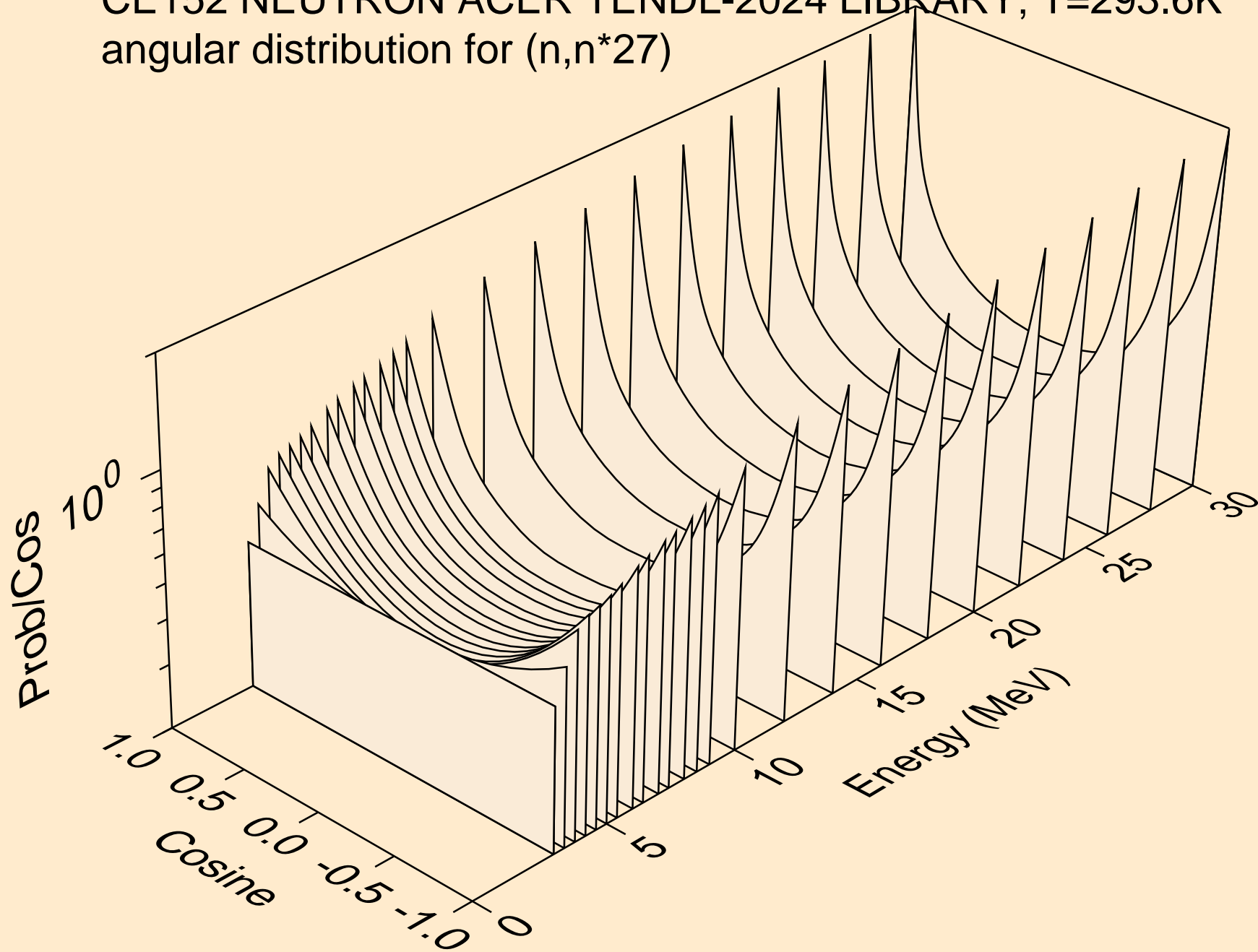
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angular distribution for (n,n\*25)



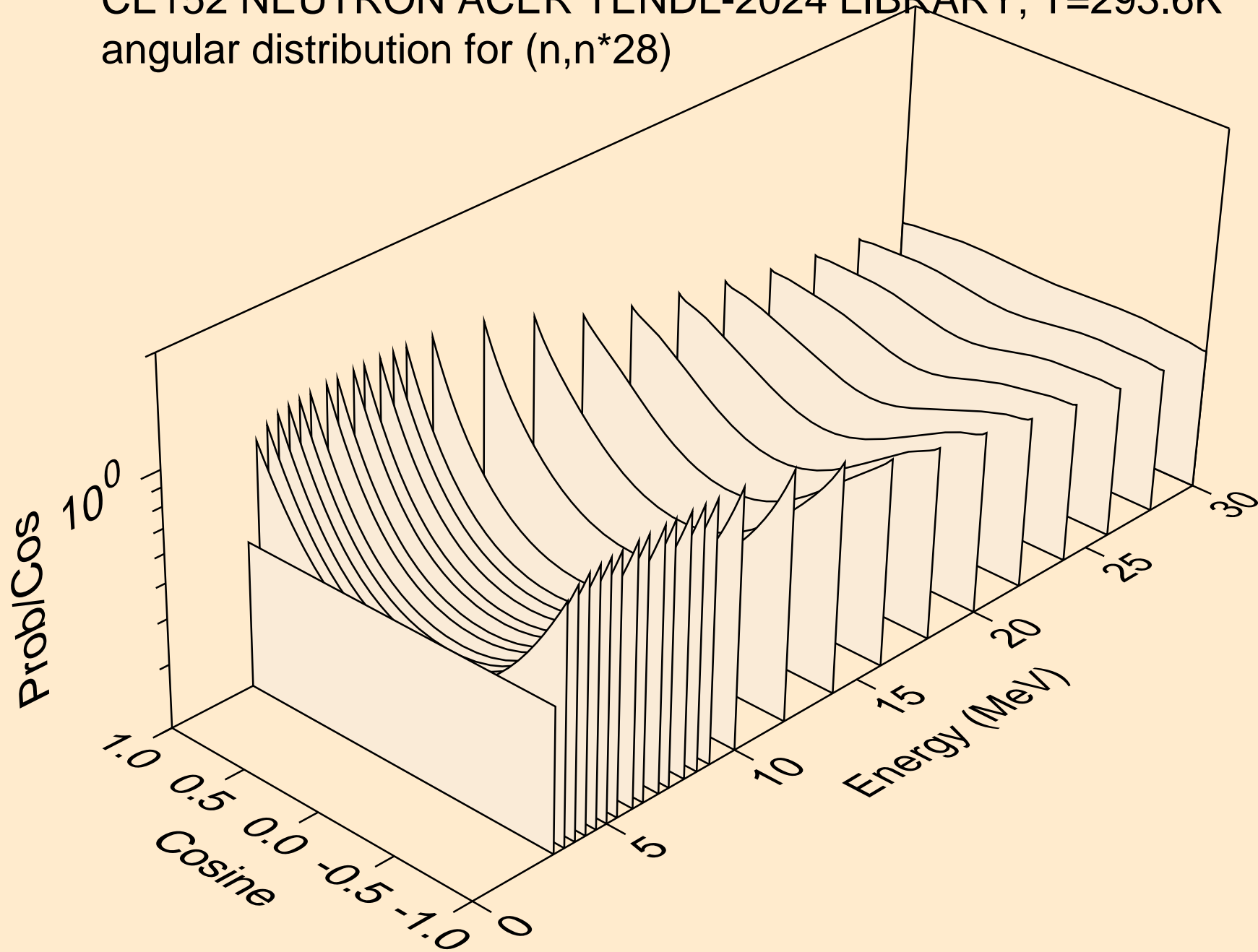
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angular distribution for (n,n\*26)



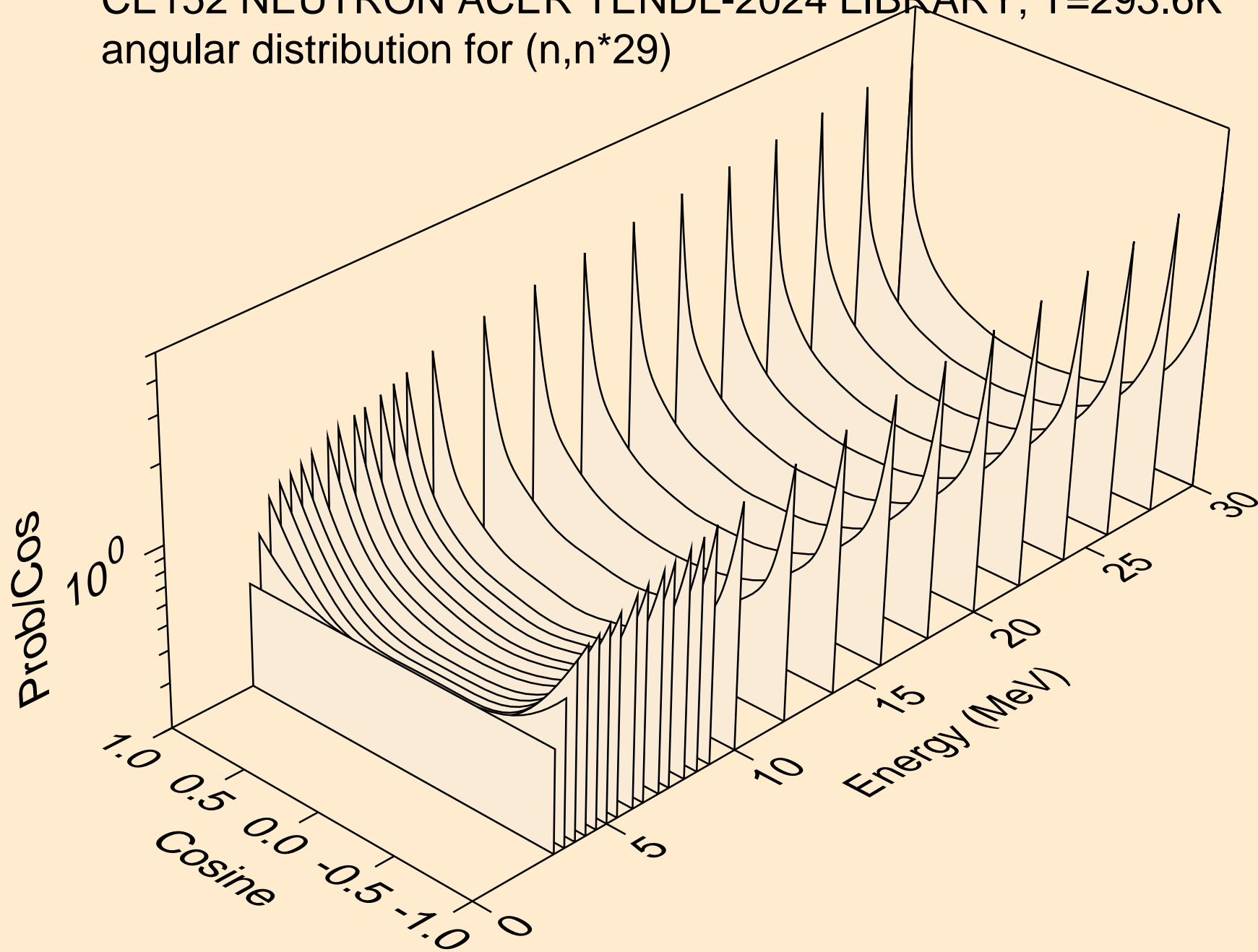
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angular distribution for (n,n\*27)



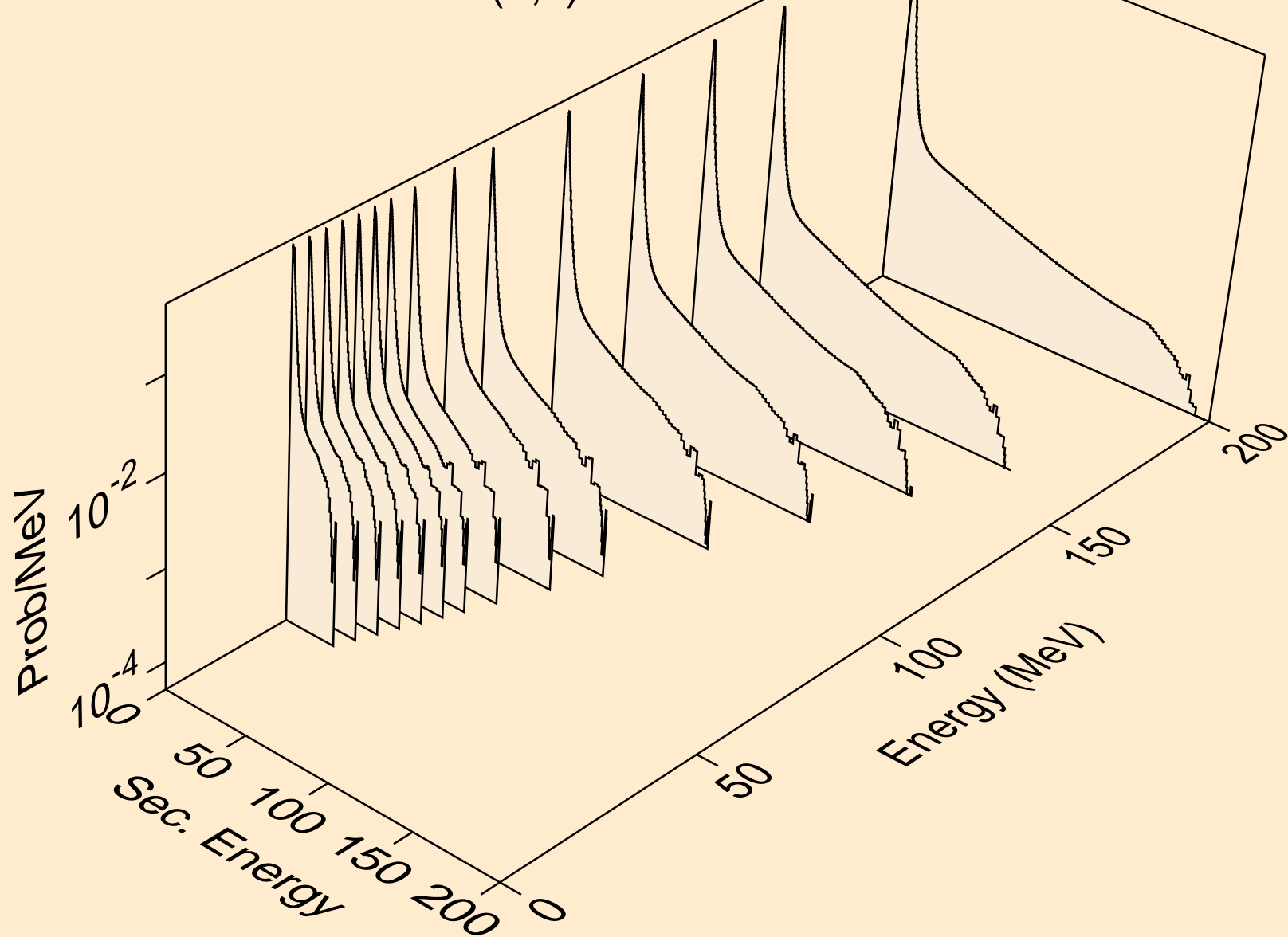
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angular distribution for (n,n\*28)



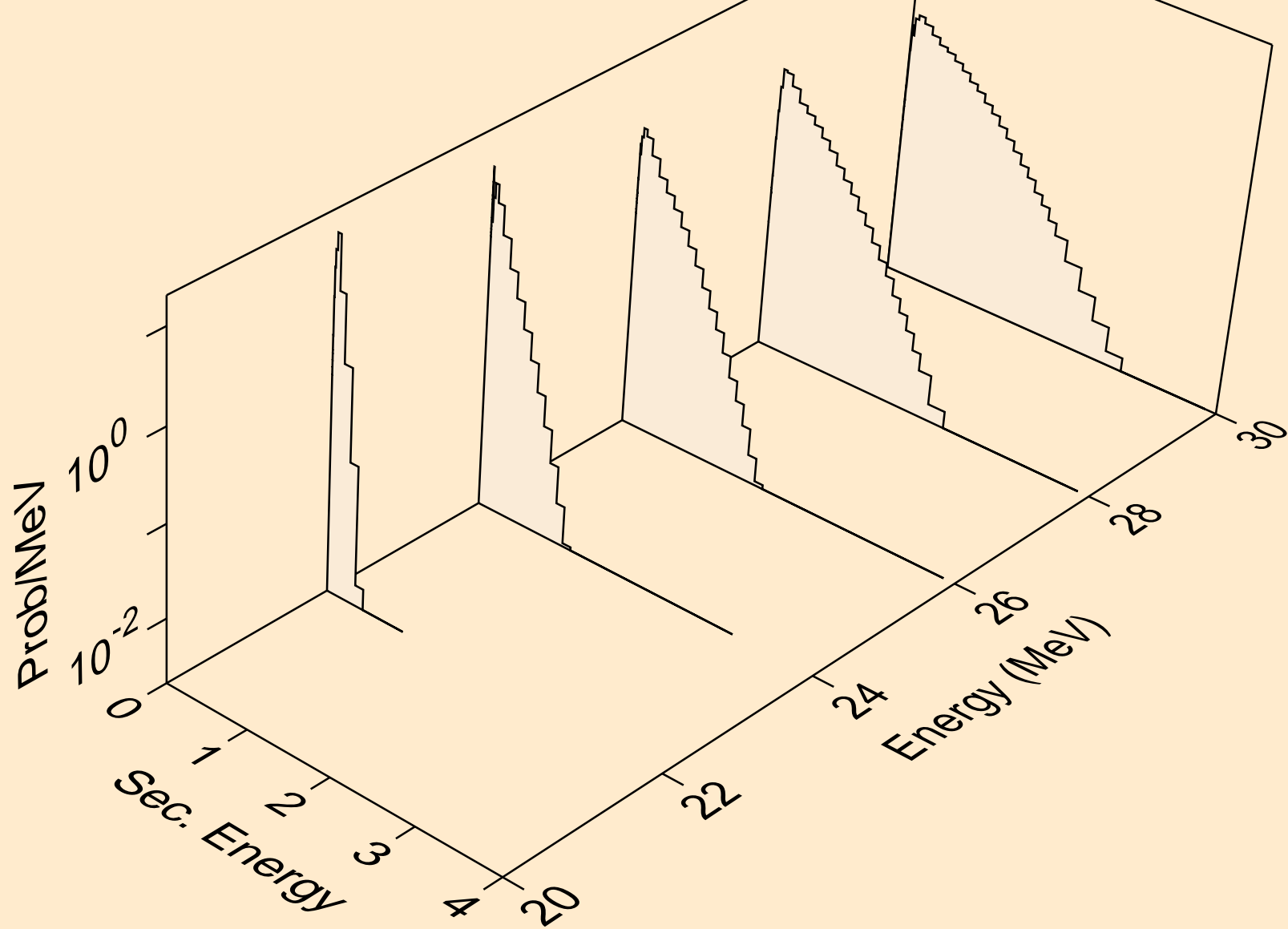
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angular distribution for (n,n\*29)



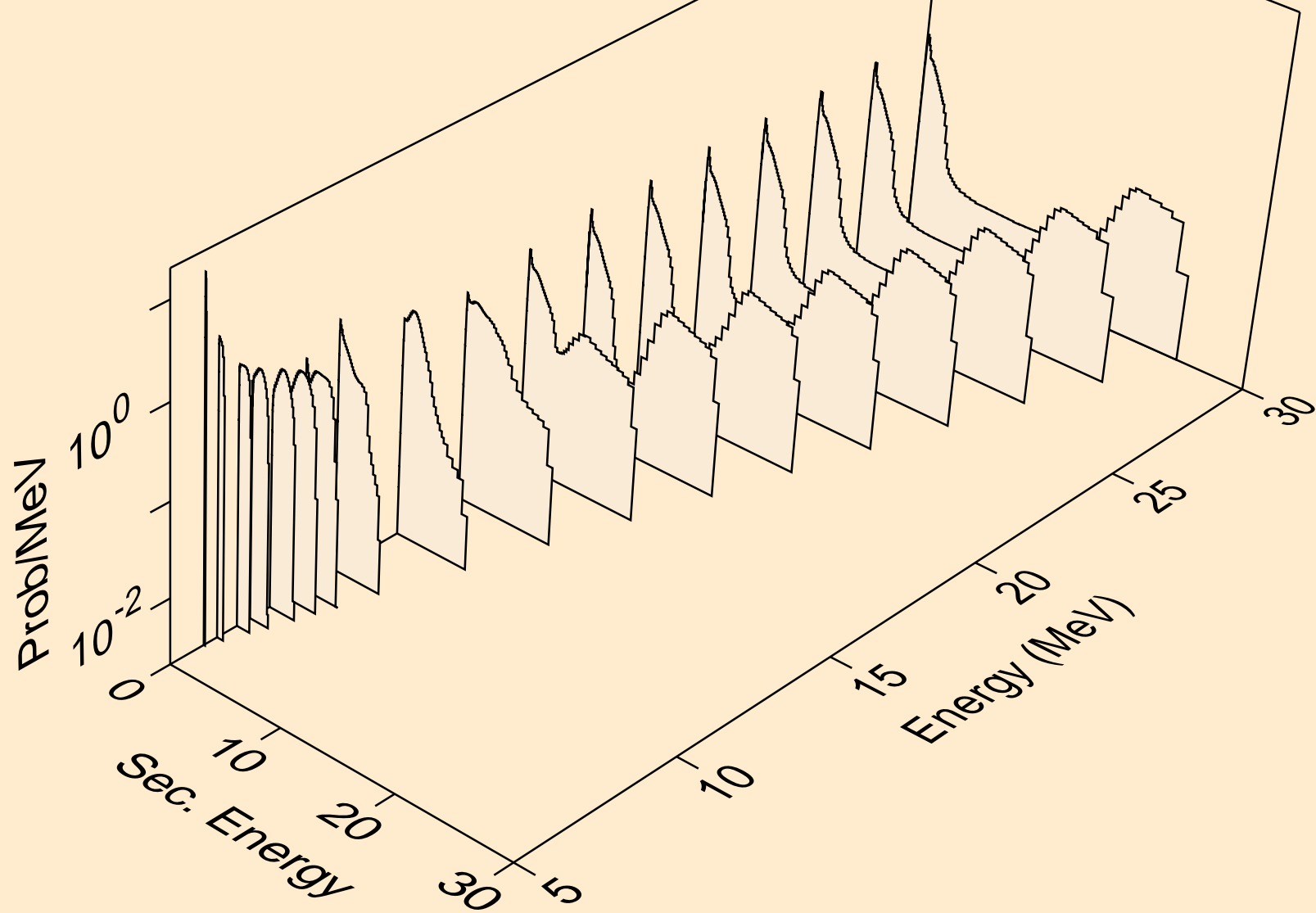
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



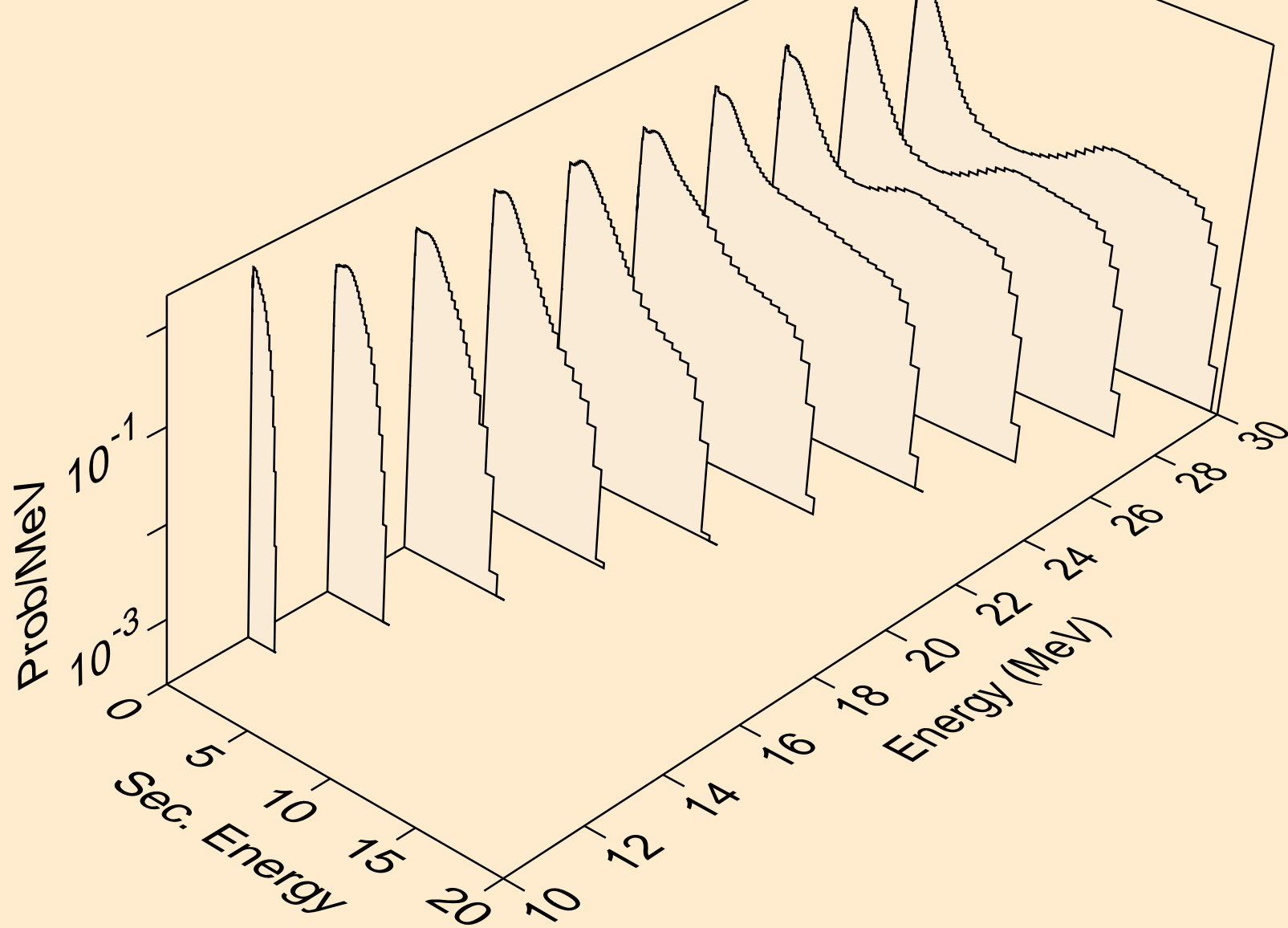
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



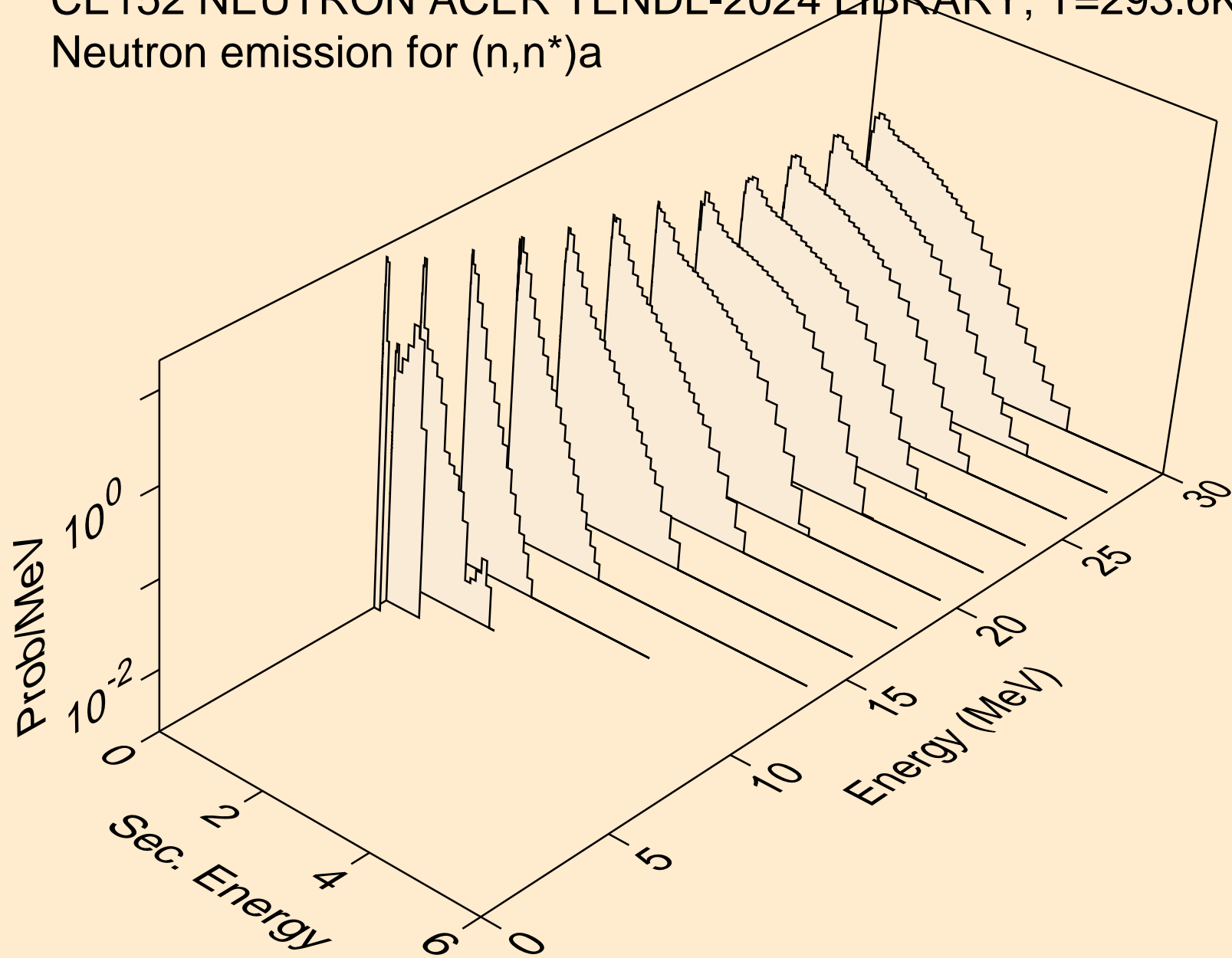
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



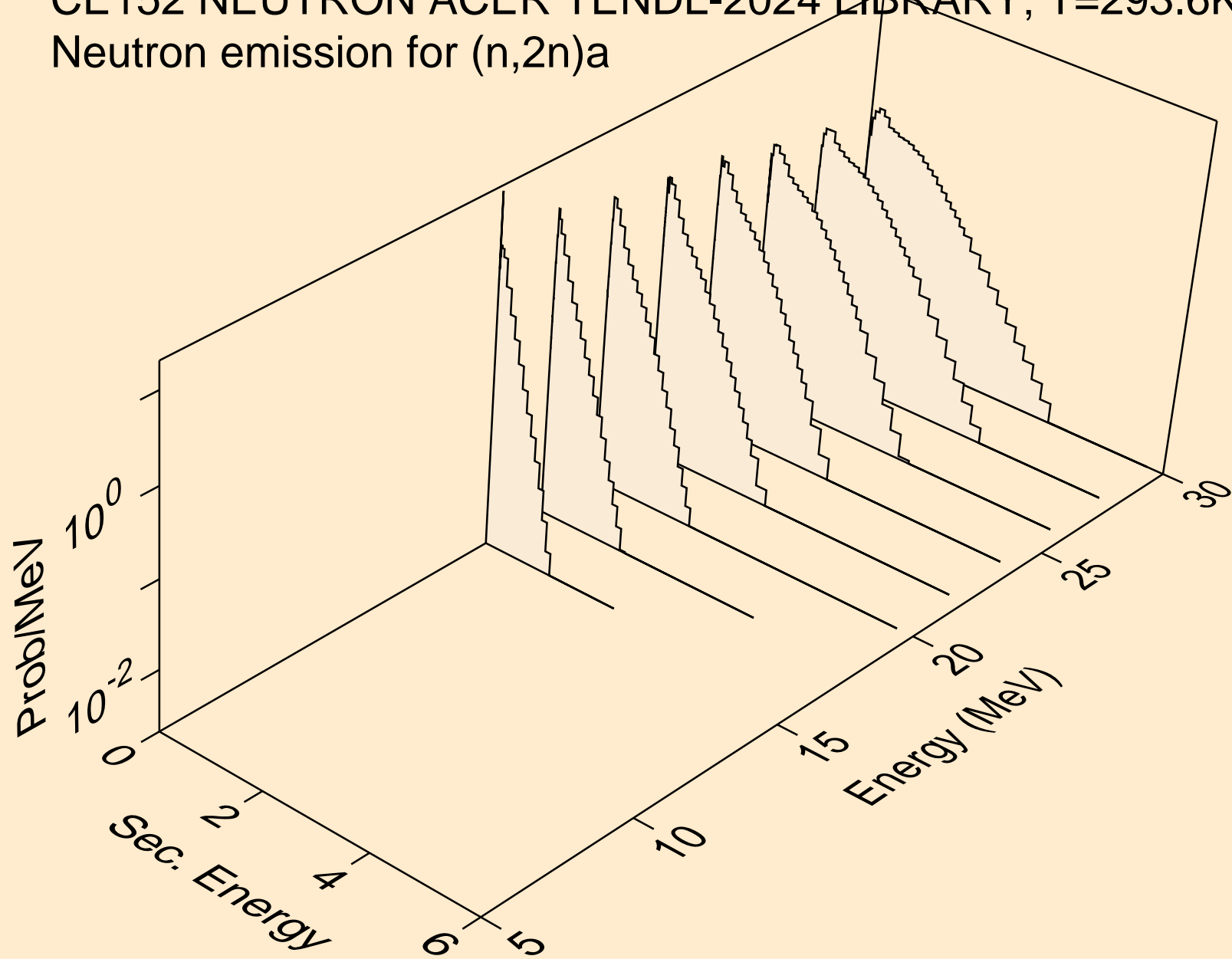
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



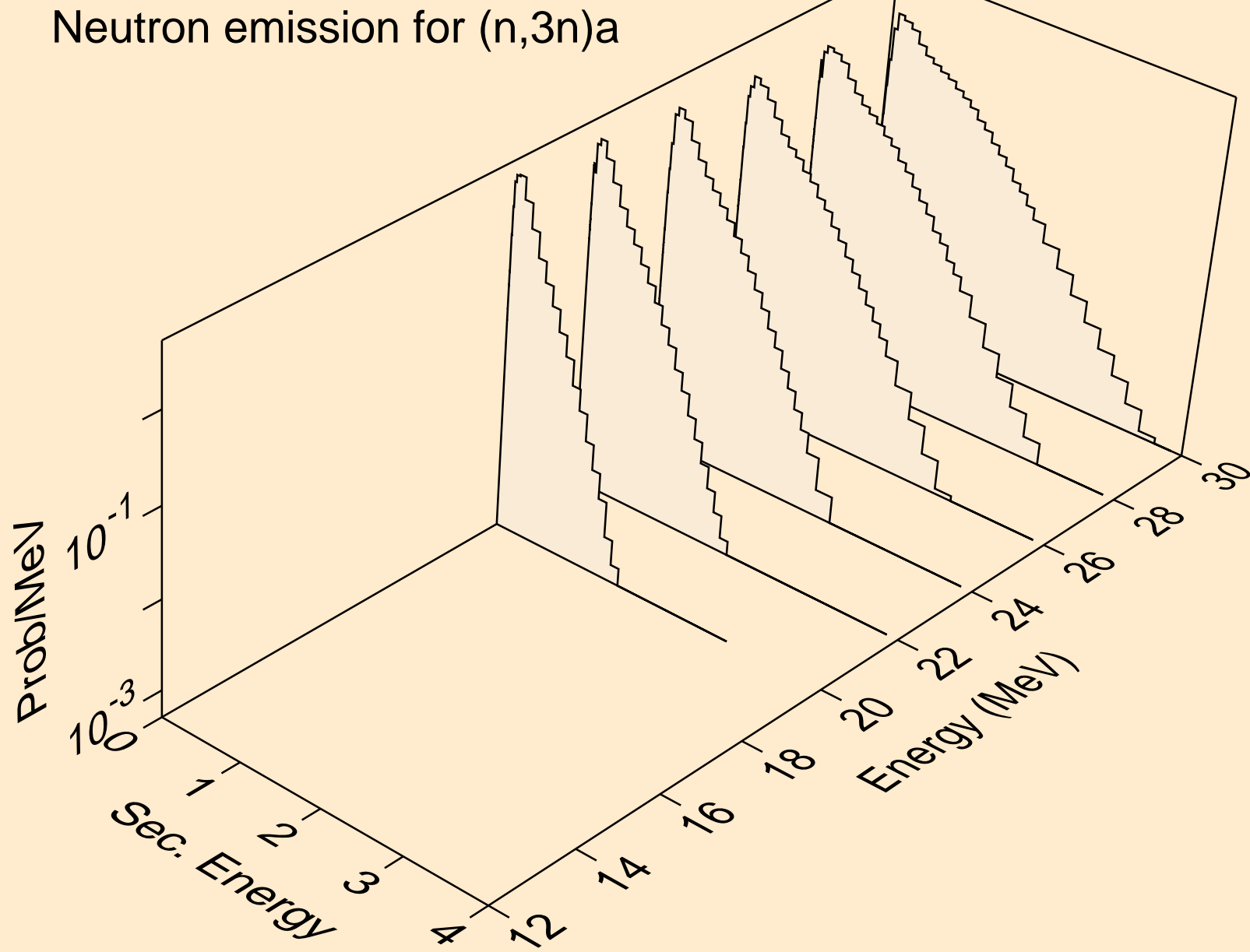
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



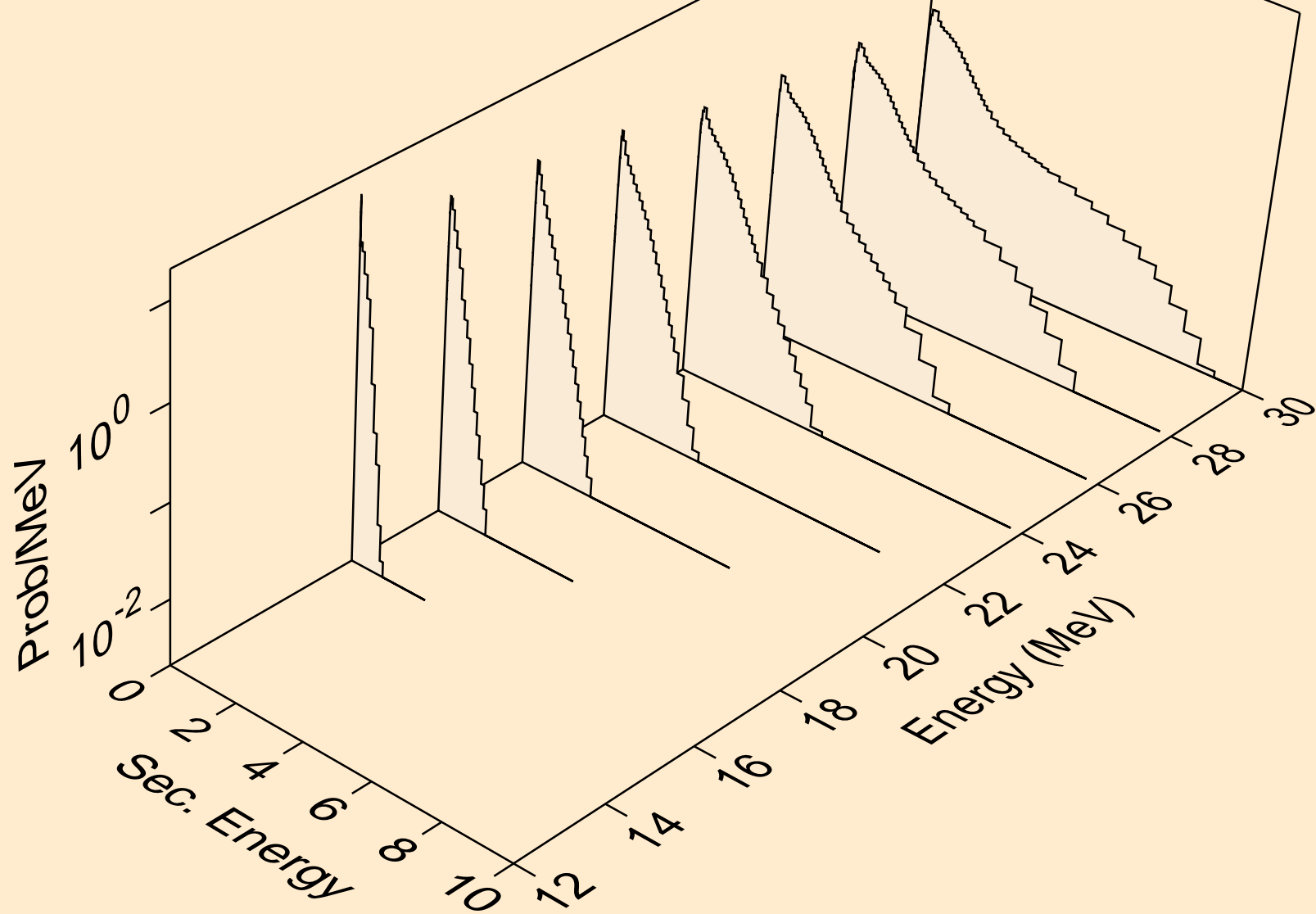
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Neutron emission for (n,2n)<sub>a</sub>



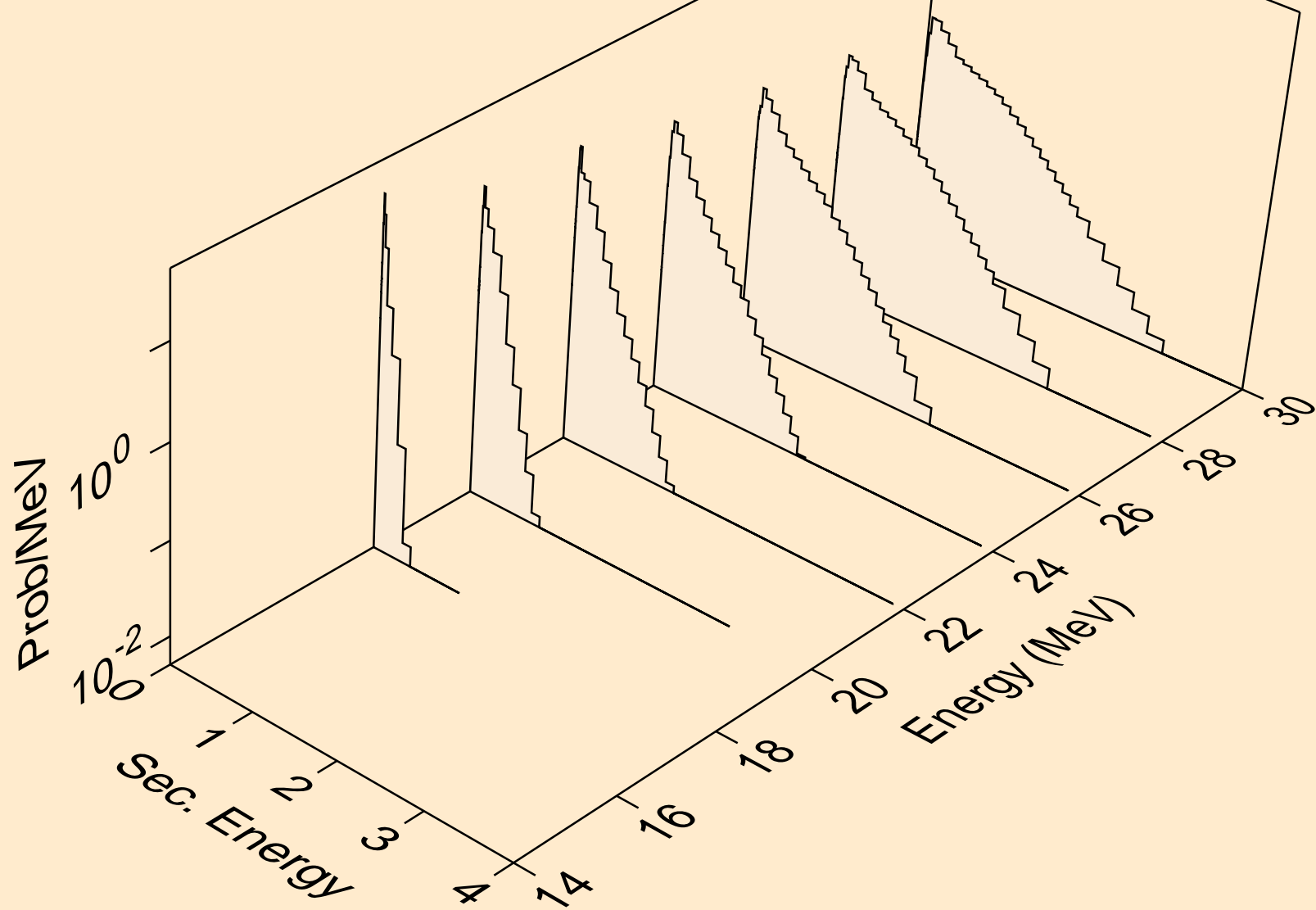
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



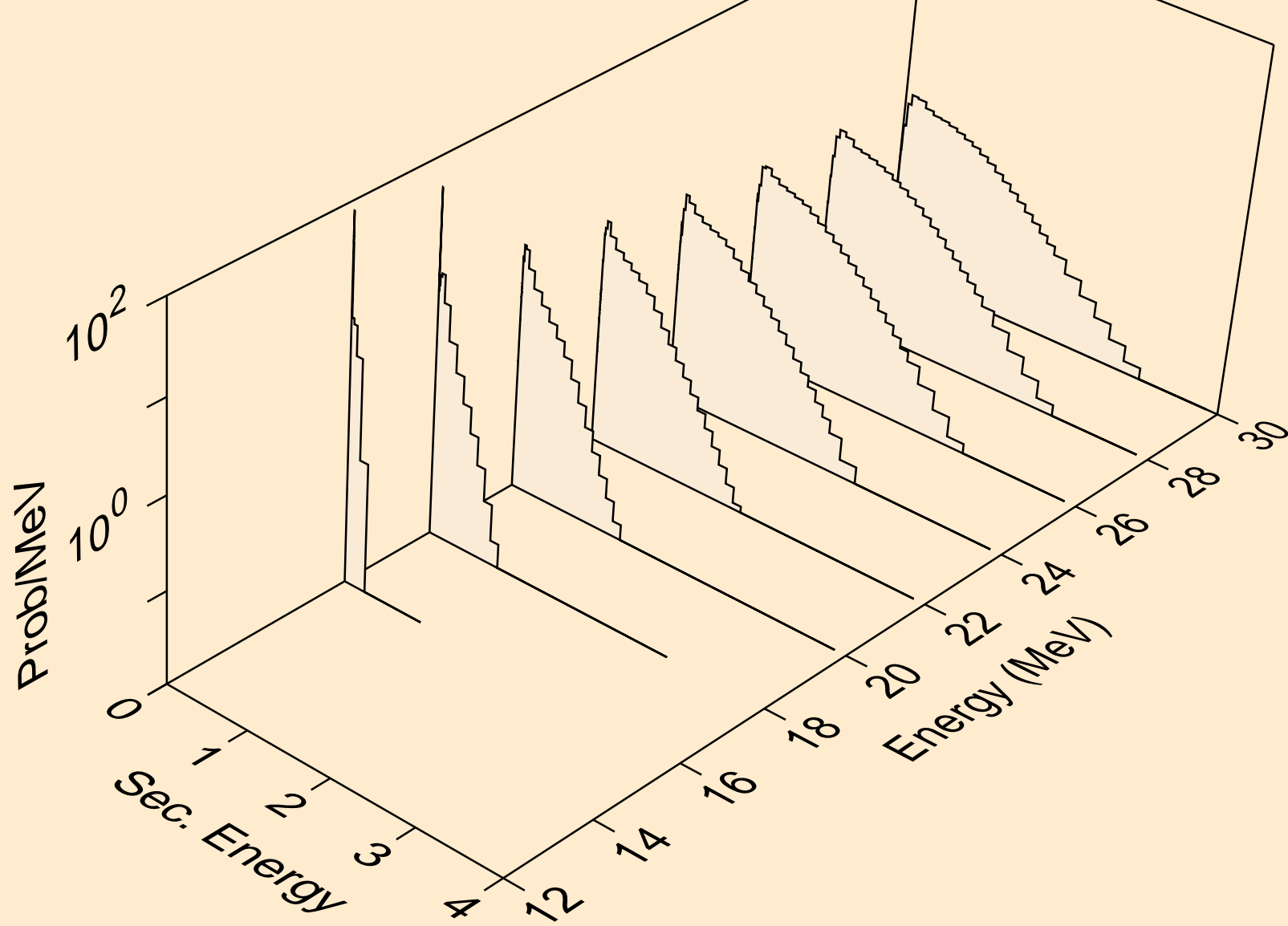
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



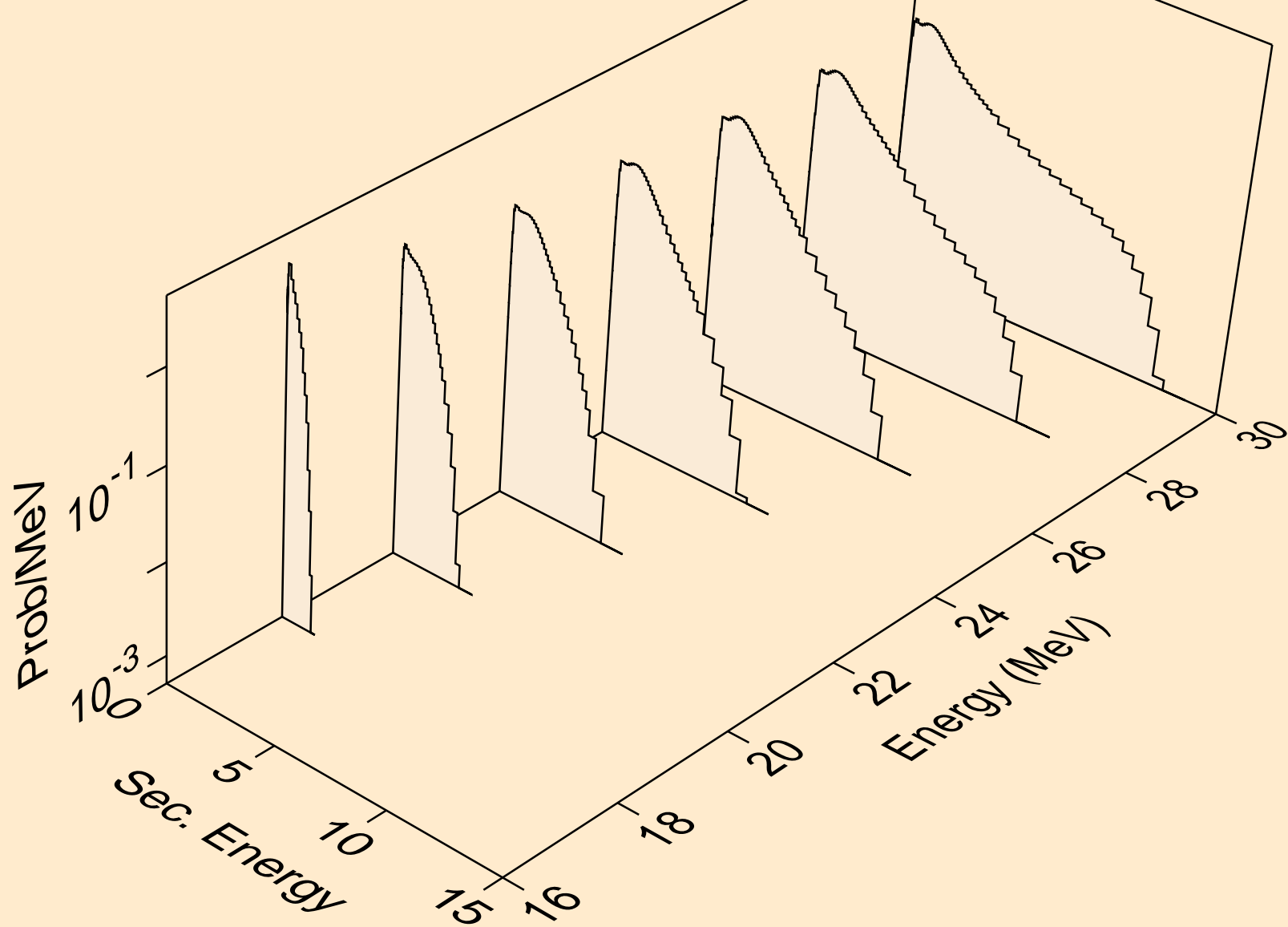
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



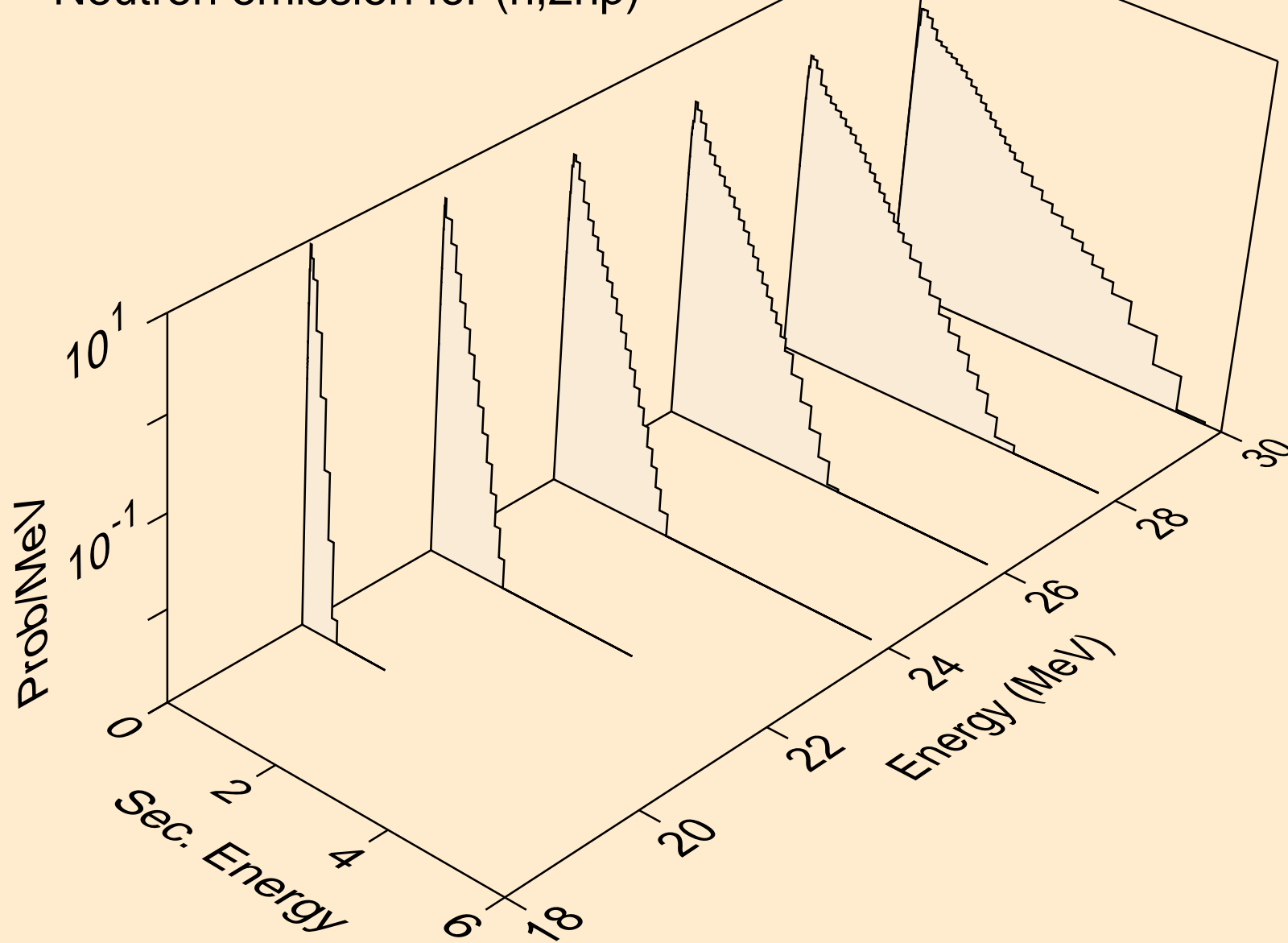
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



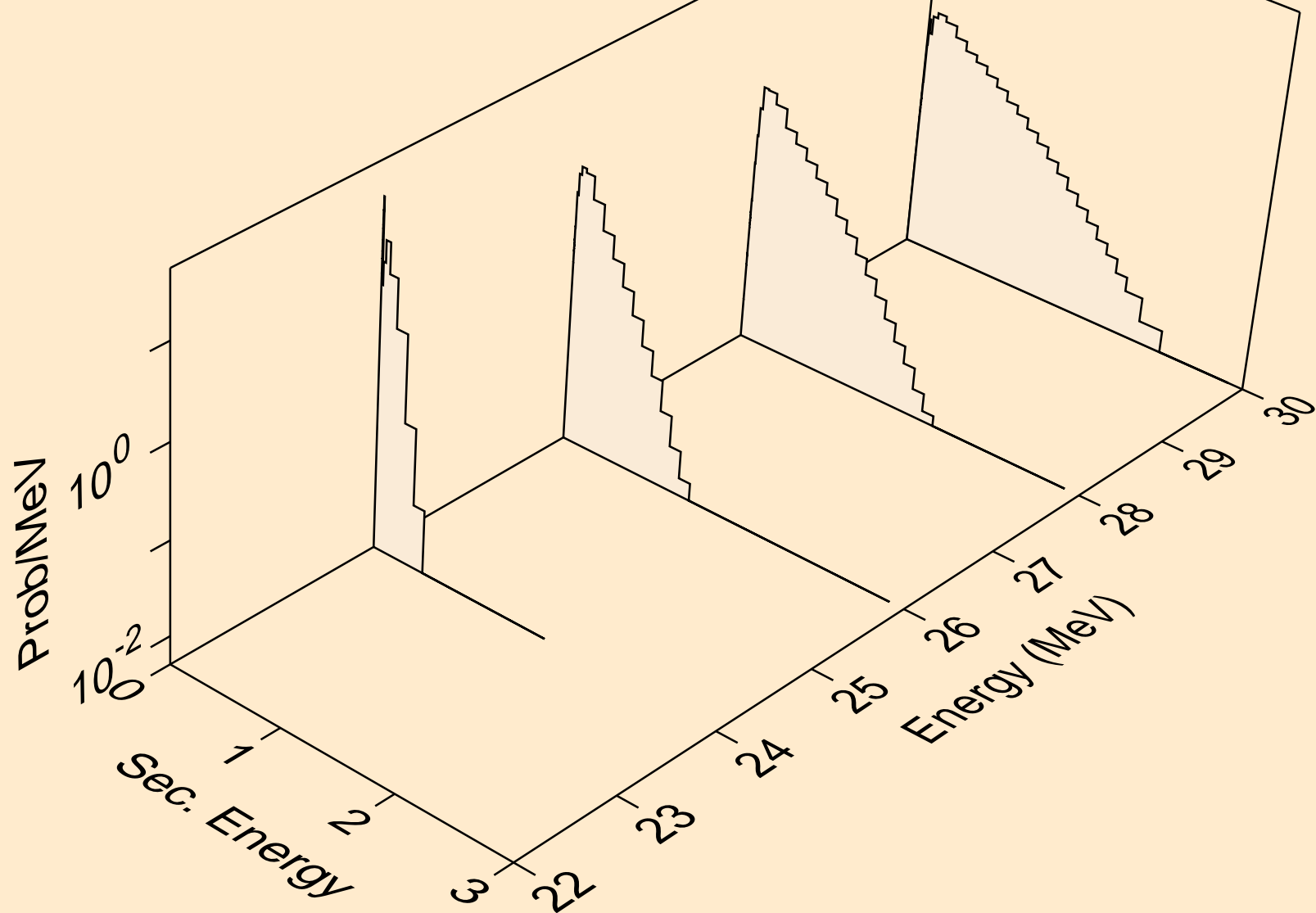
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



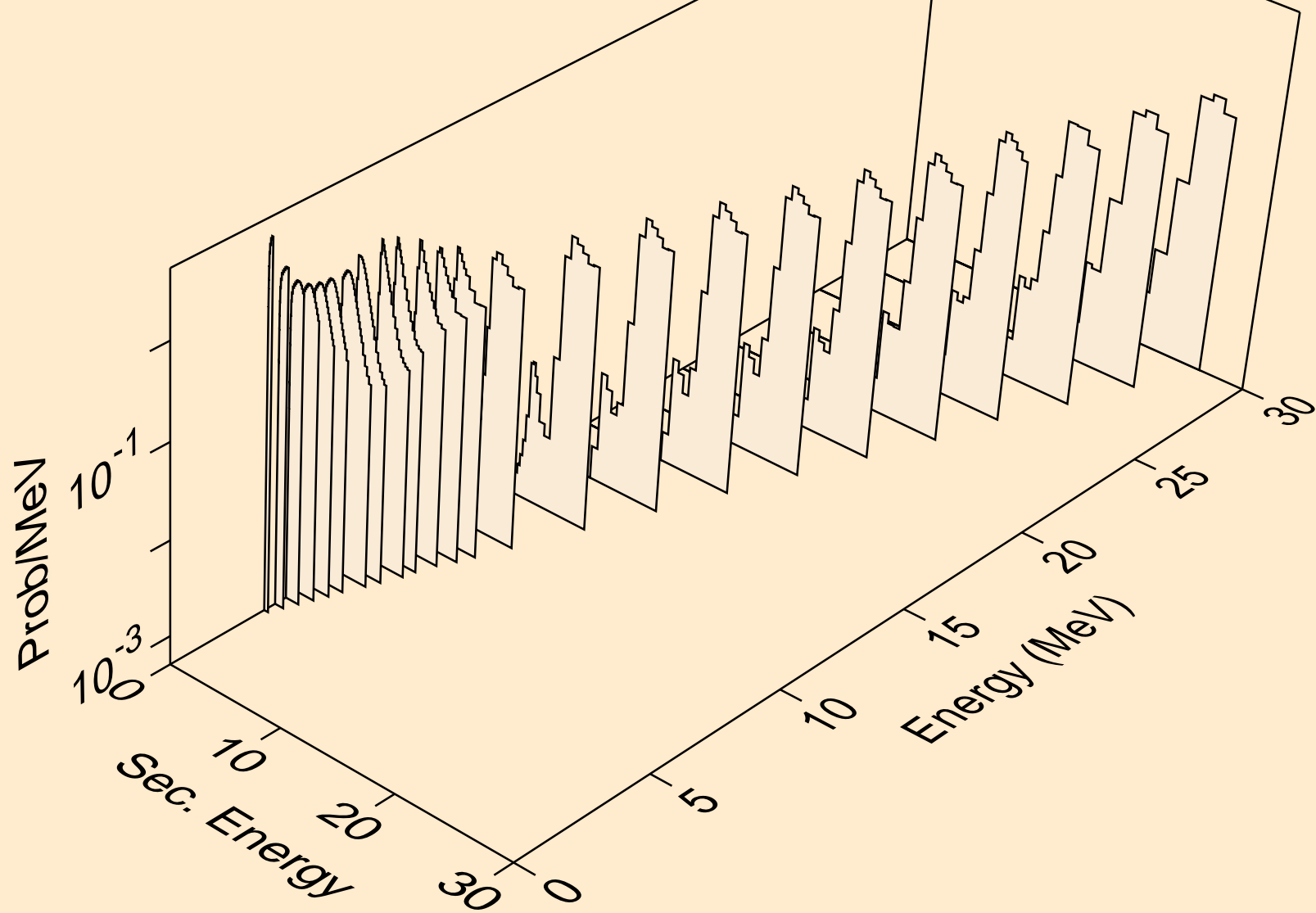
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



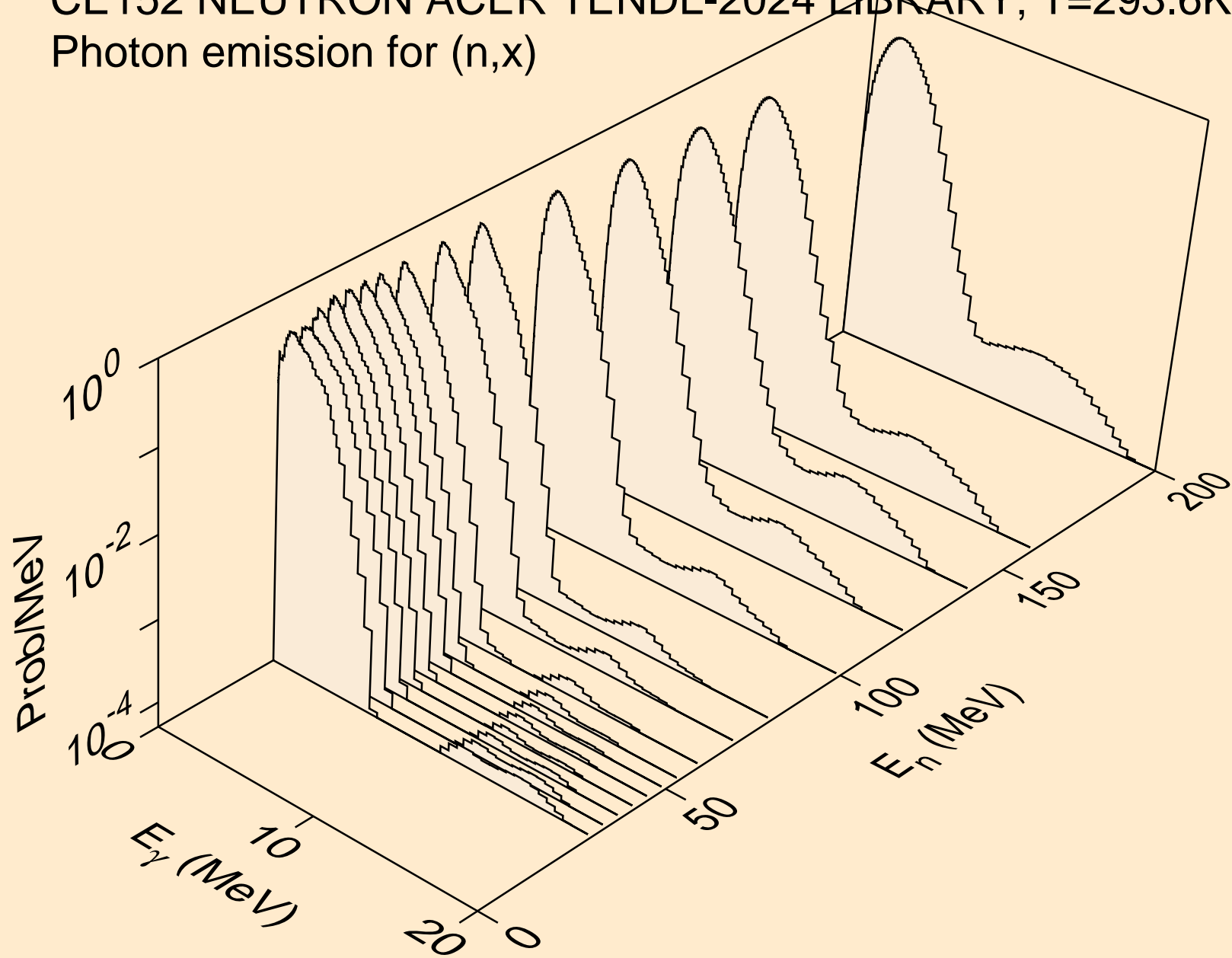
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



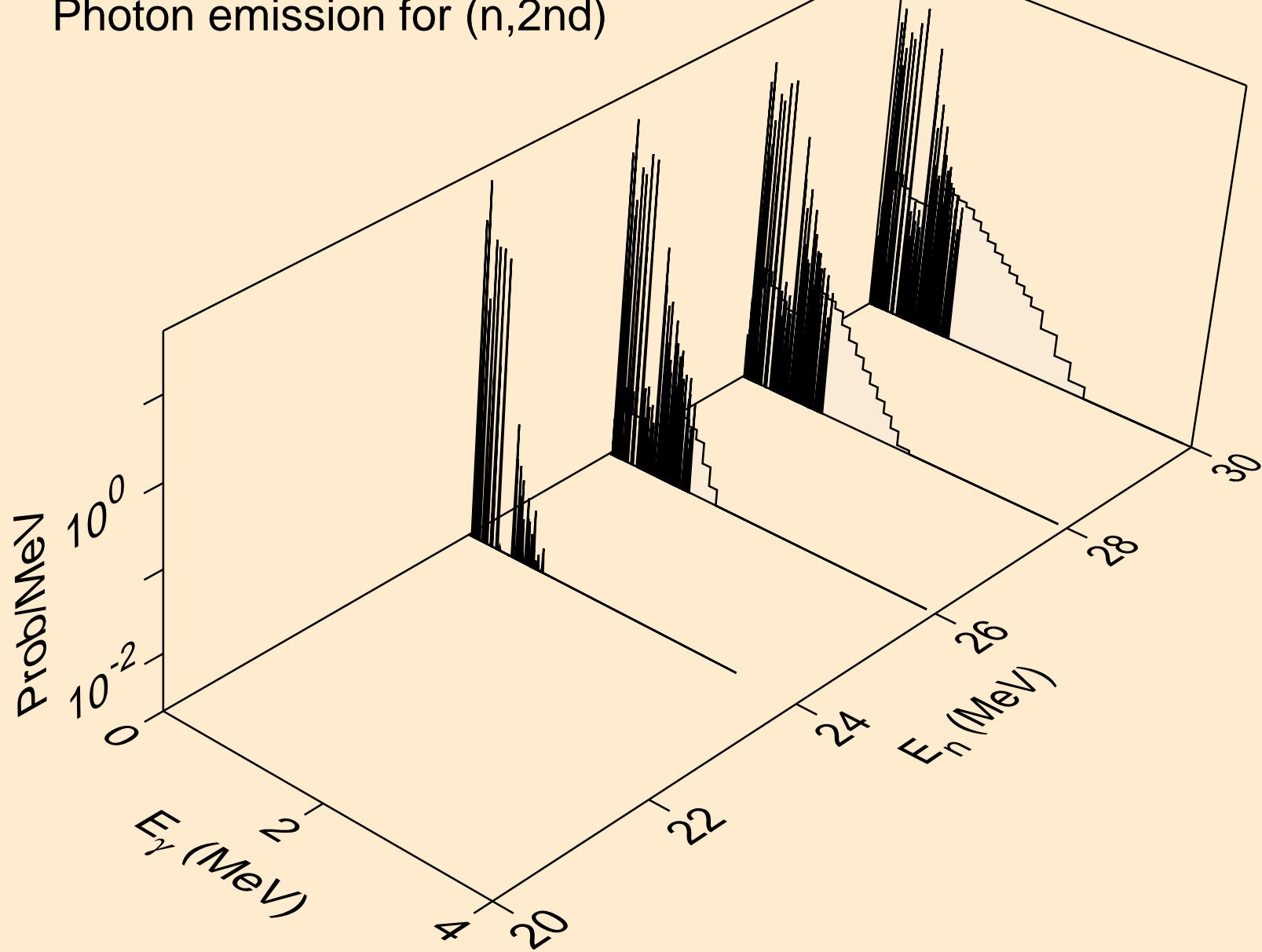
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



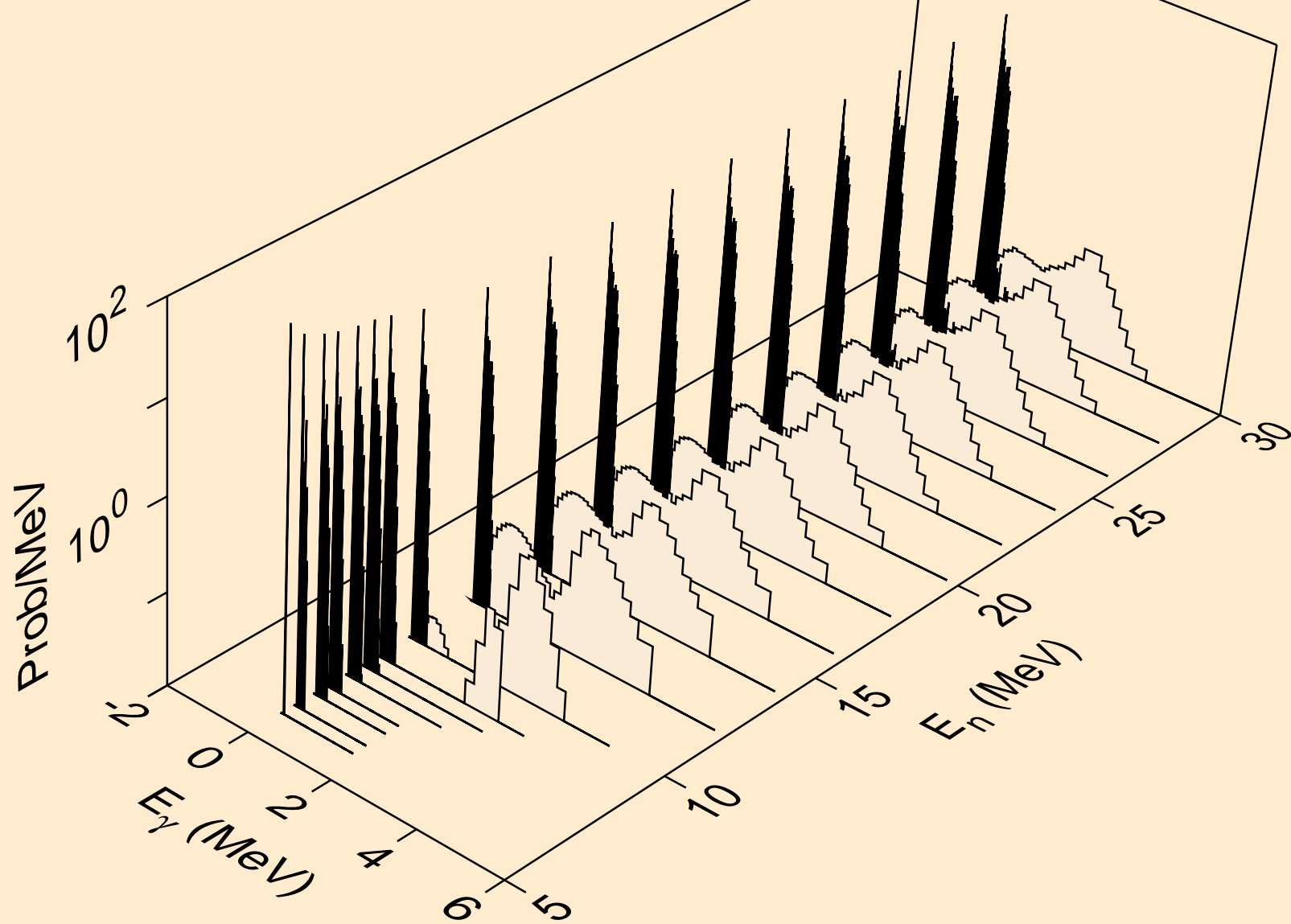
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



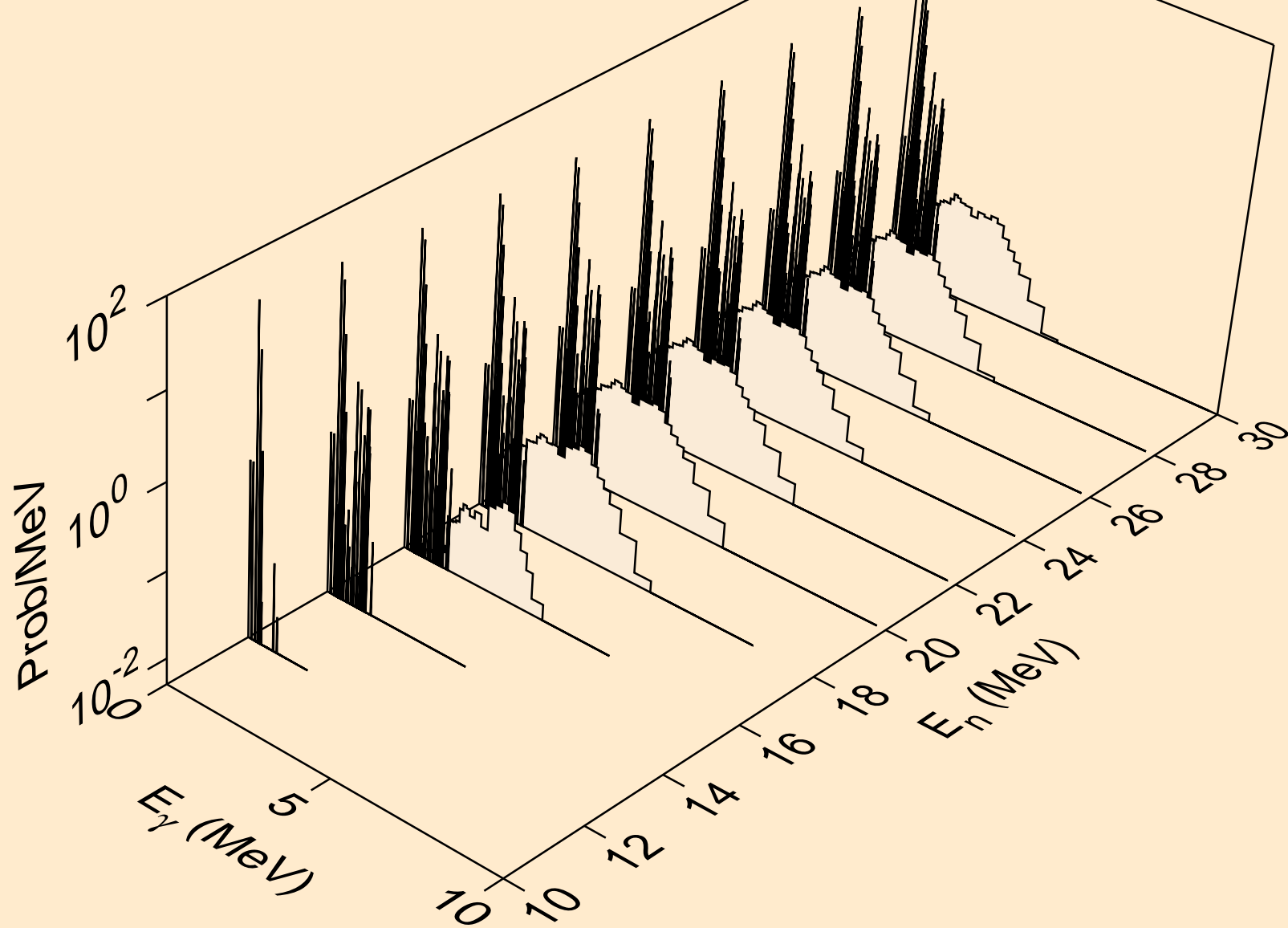
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



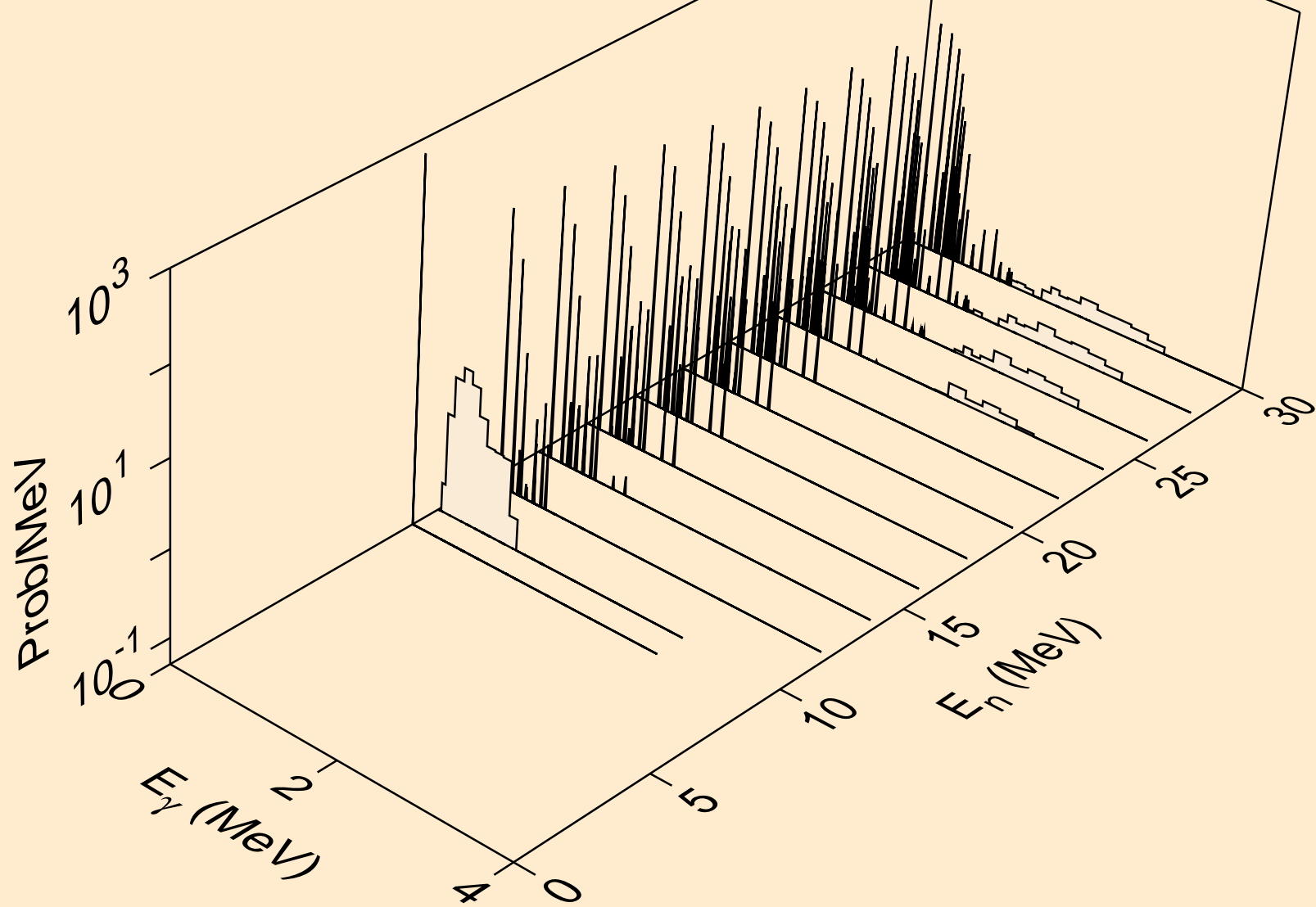
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



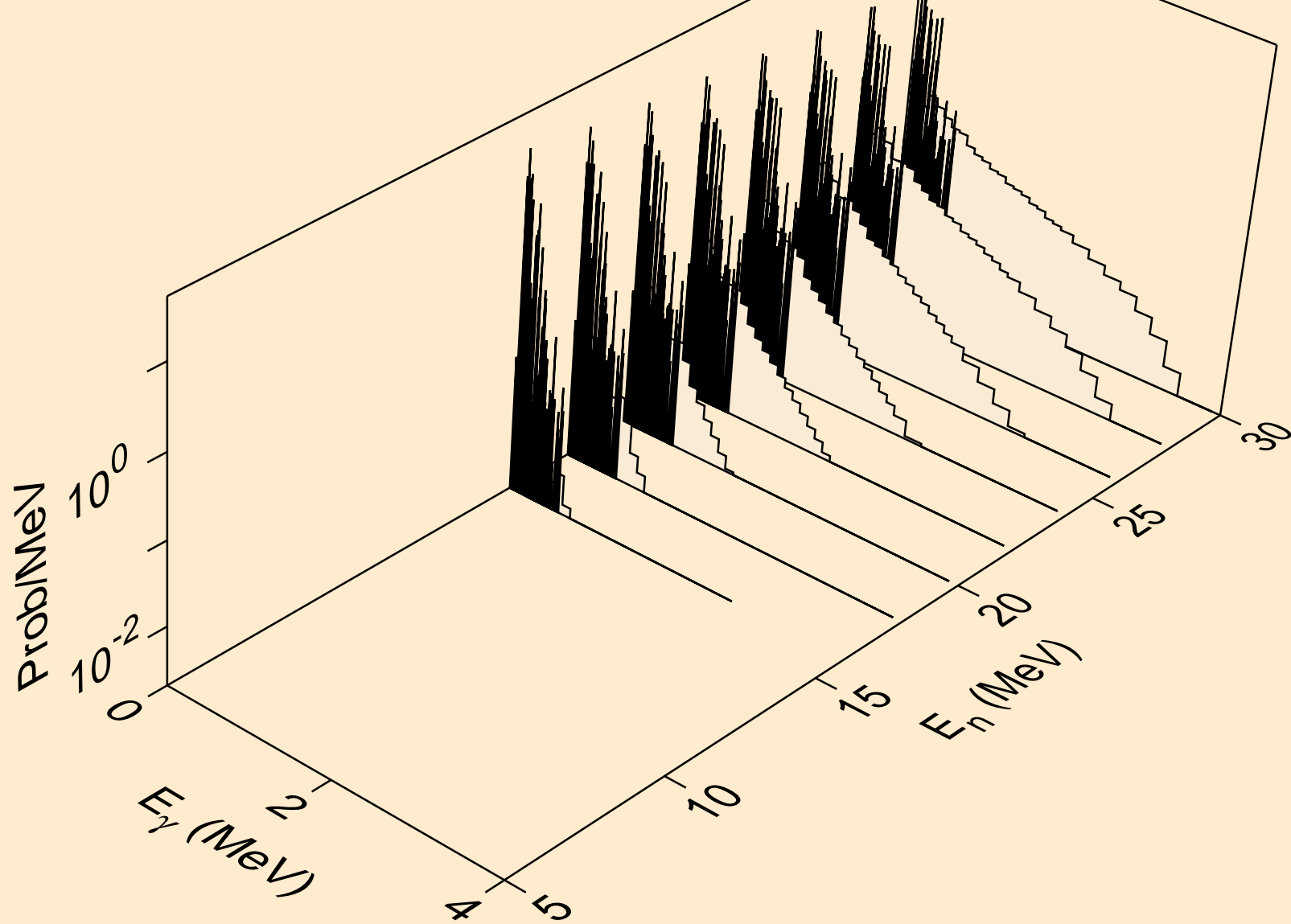
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



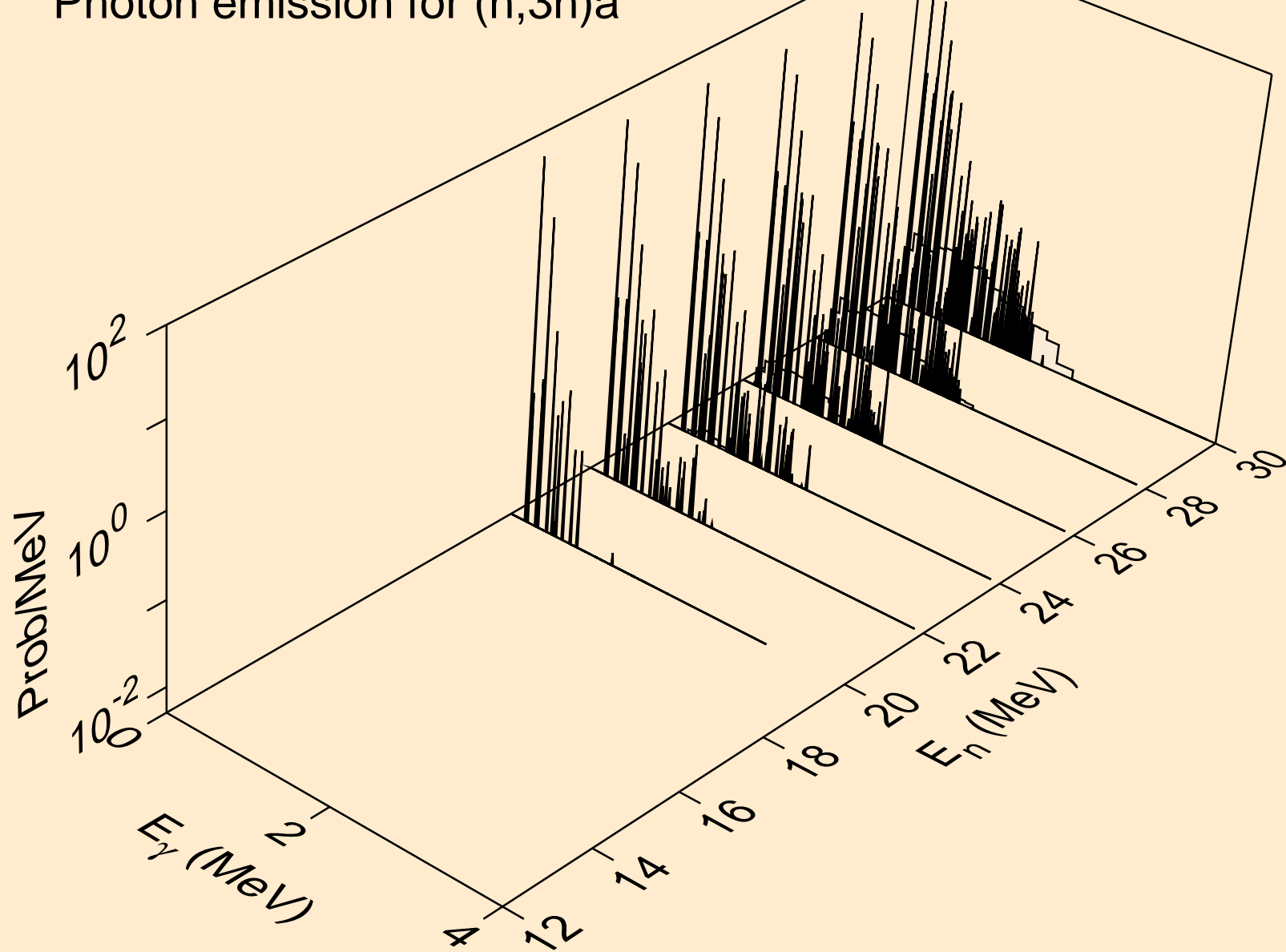
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



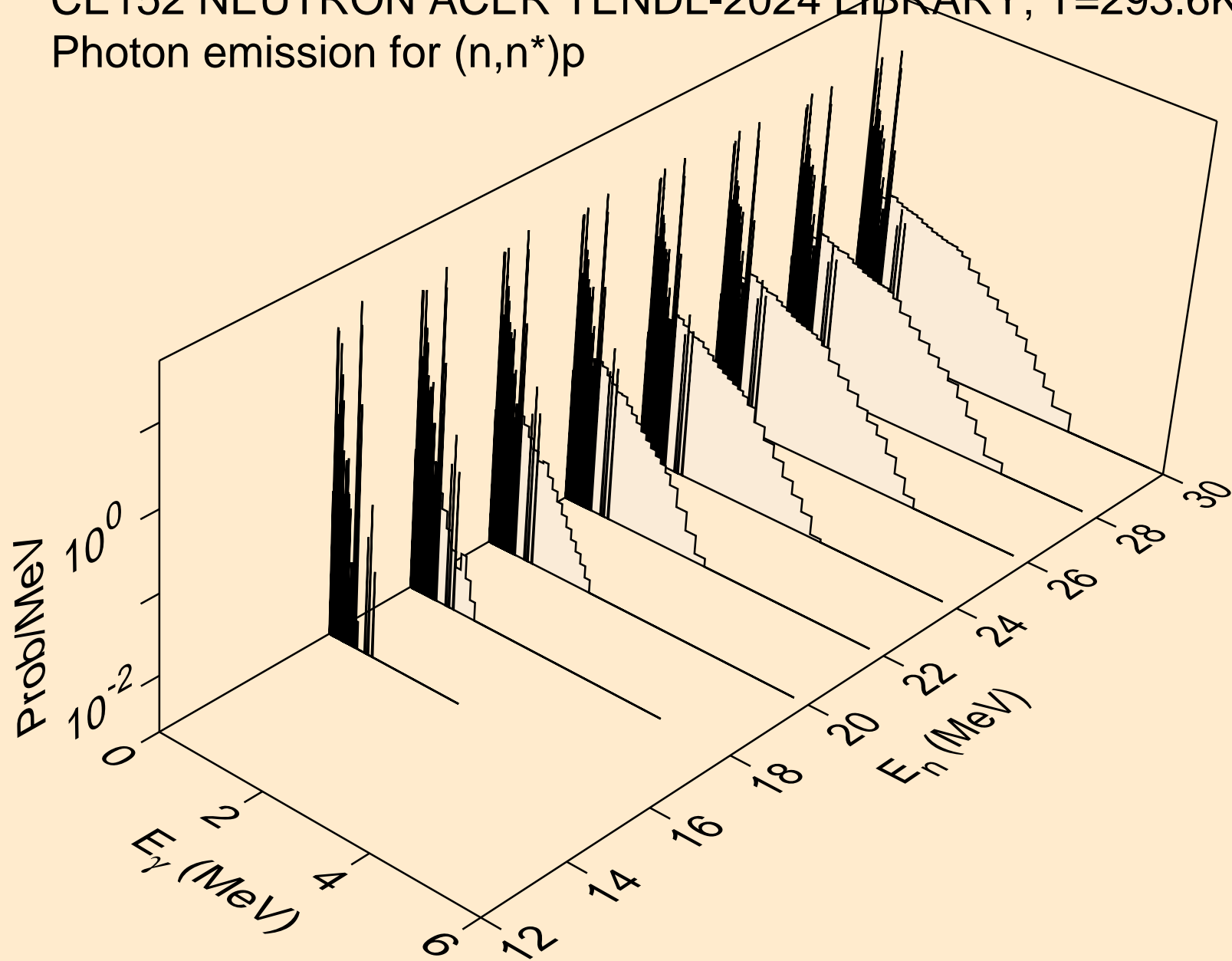
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



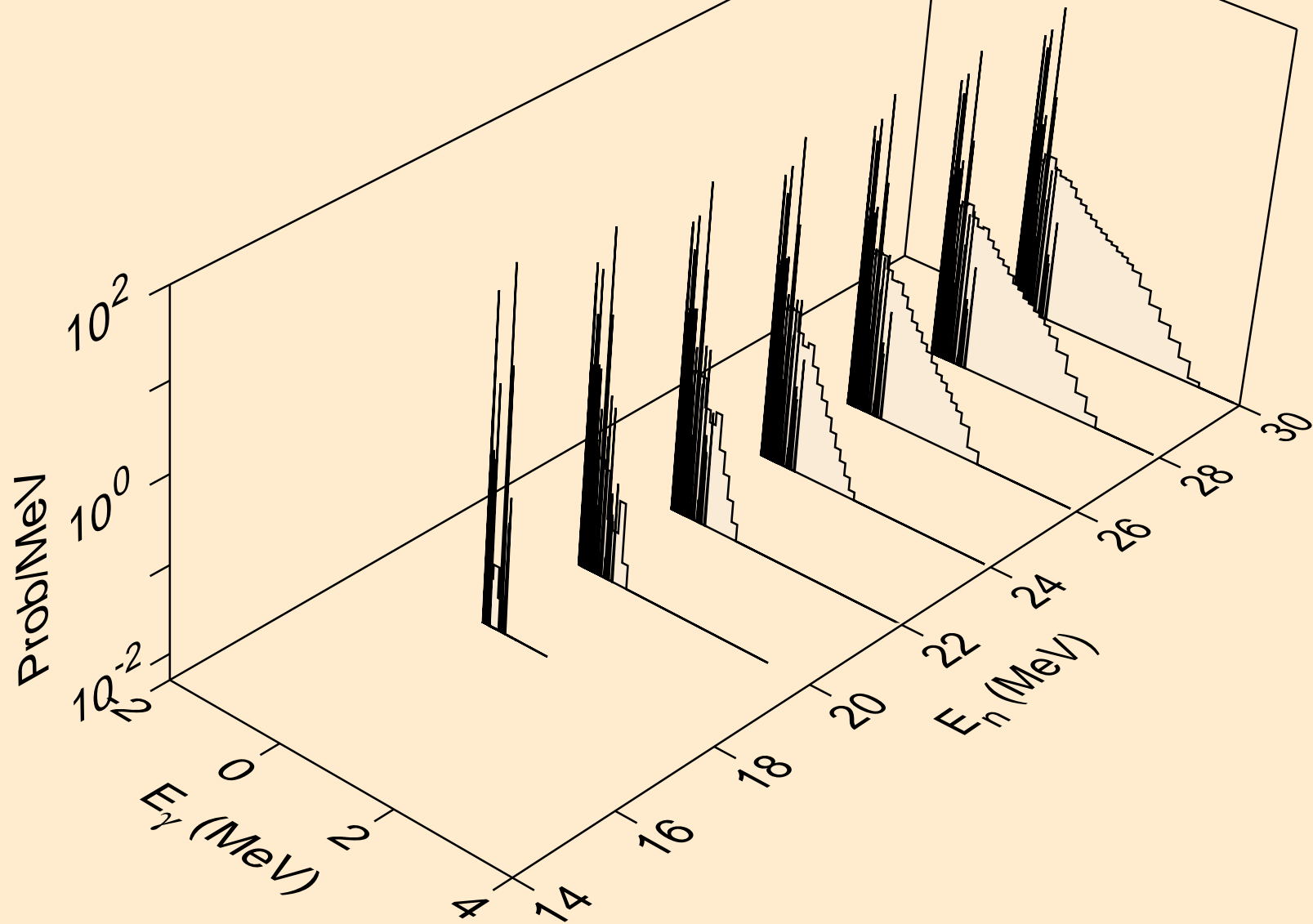
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)a



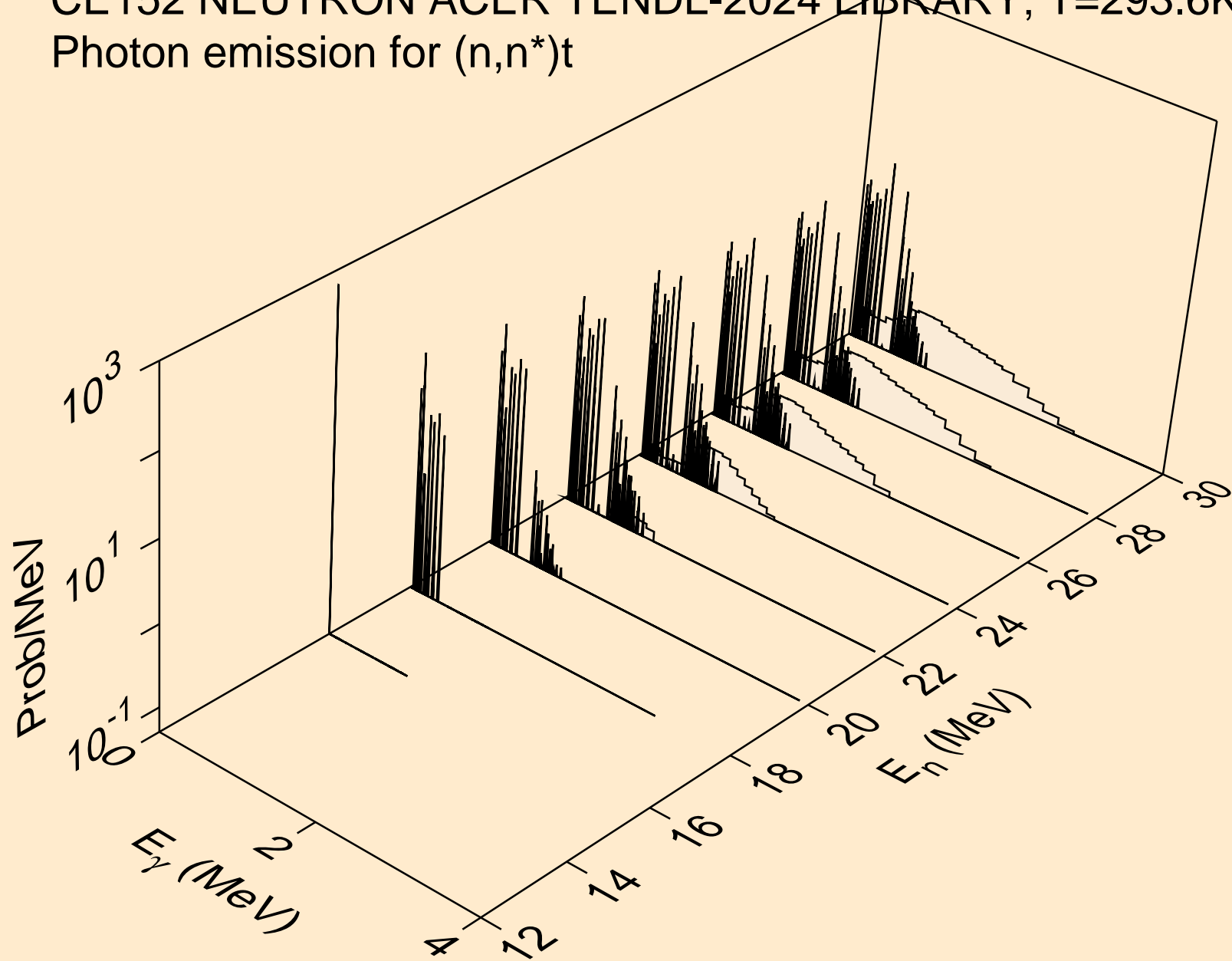
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



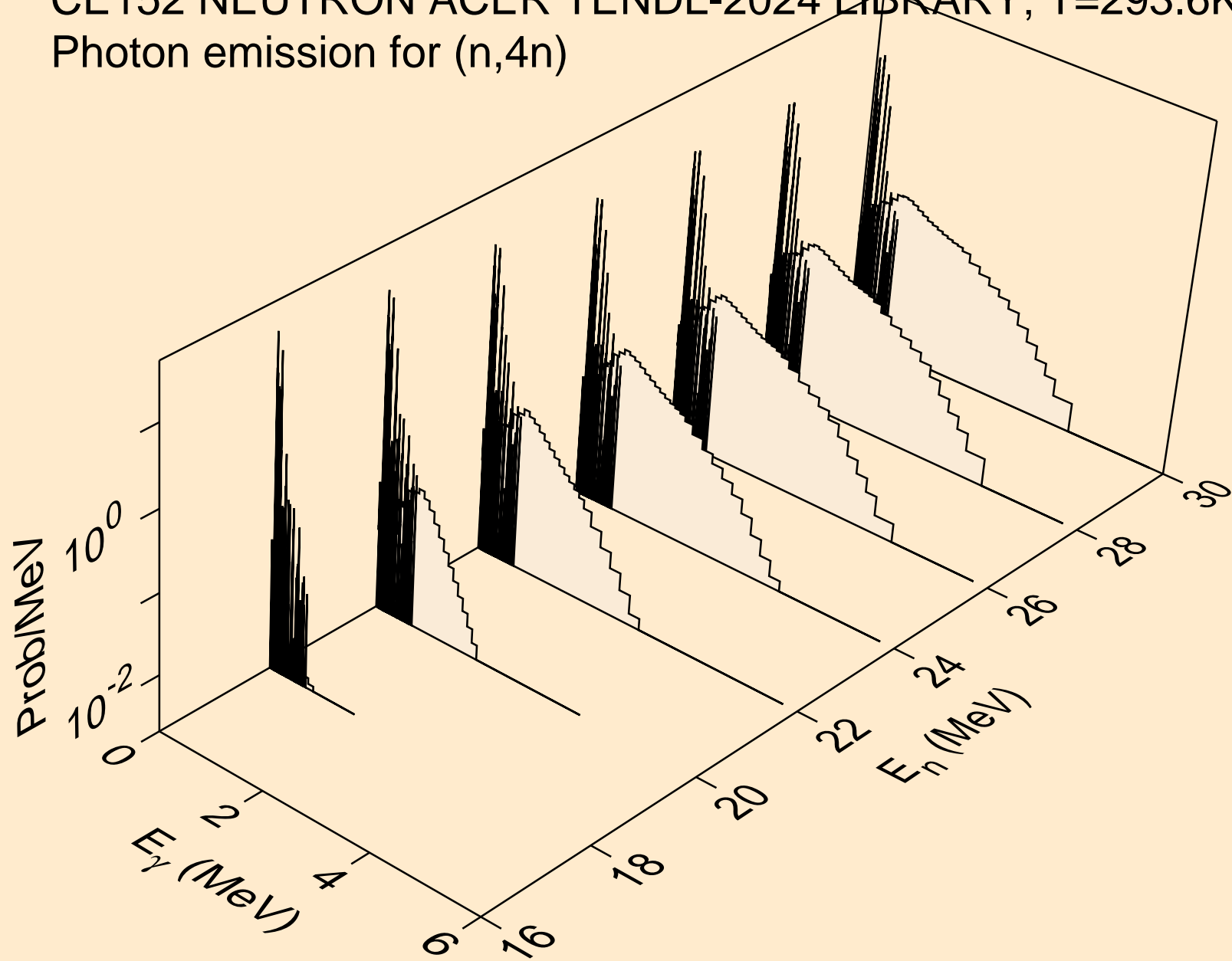
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



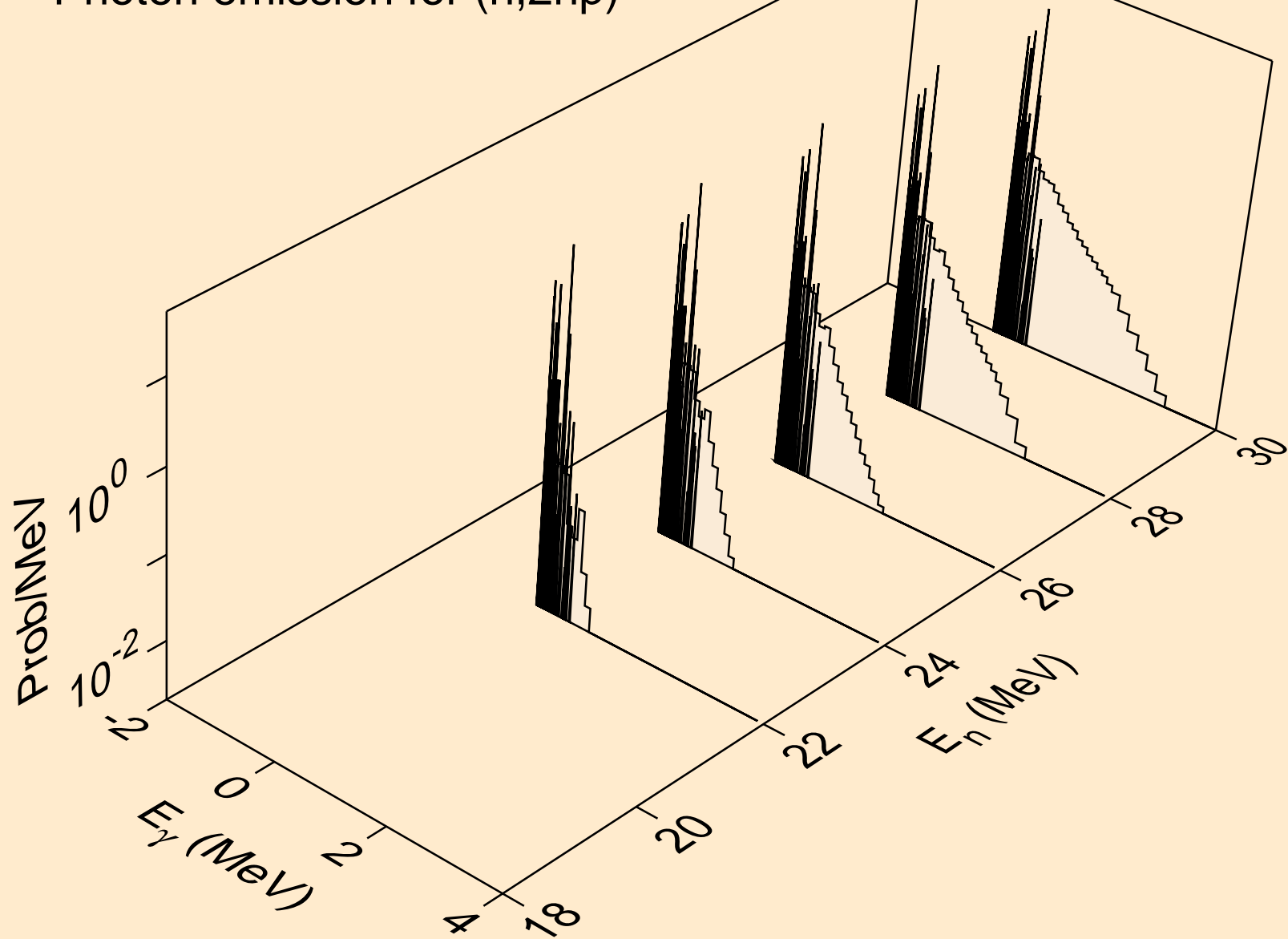
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



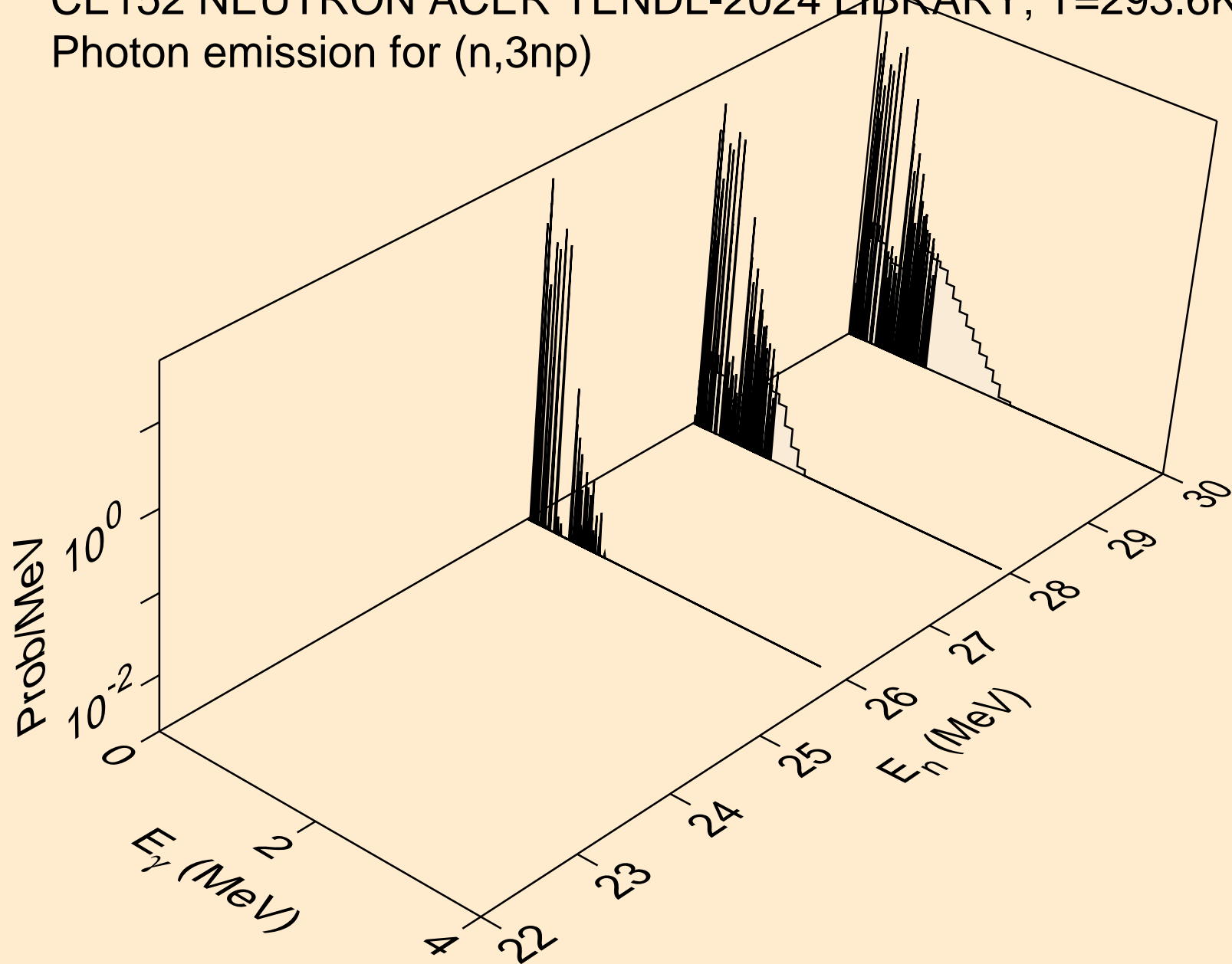
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



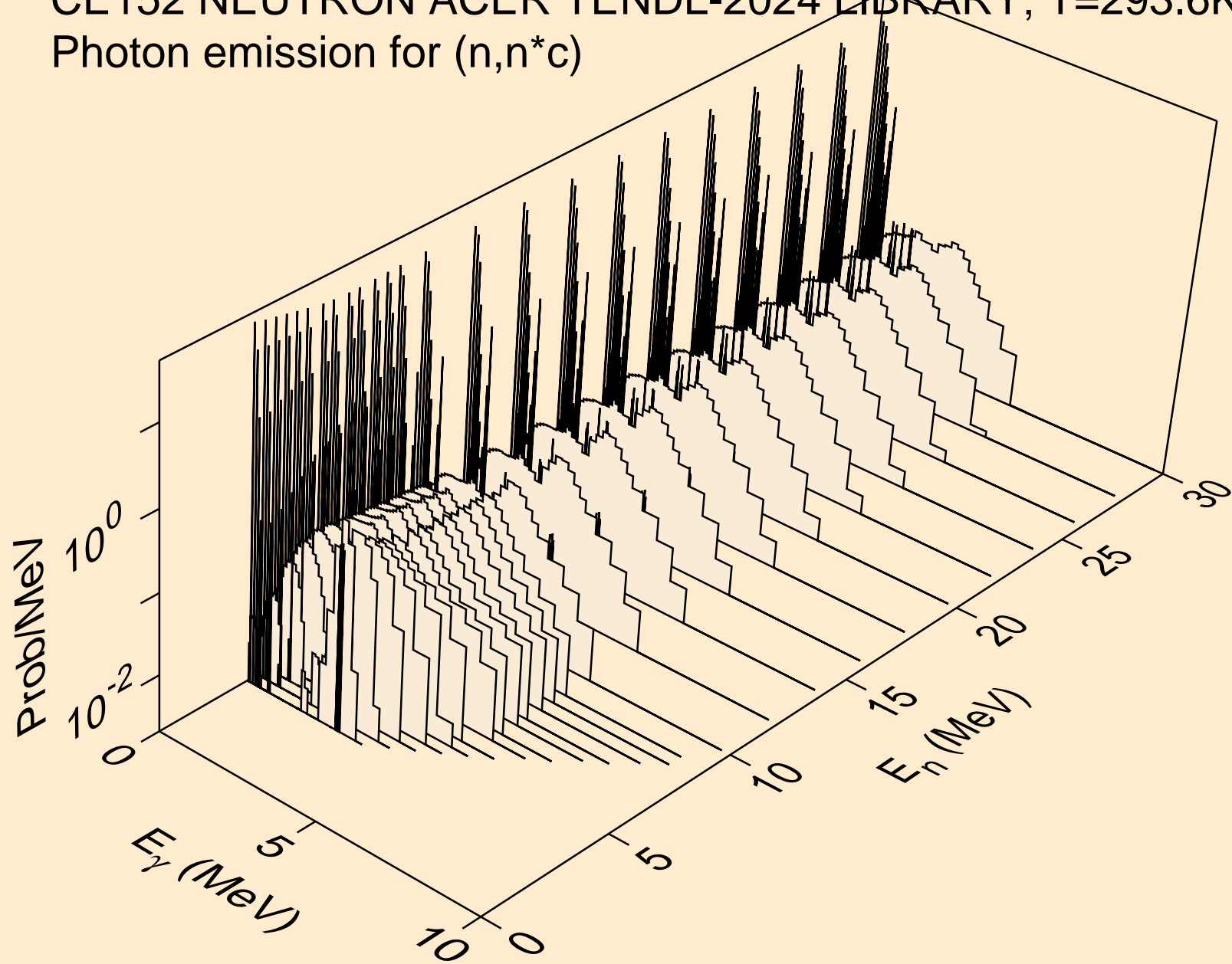
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



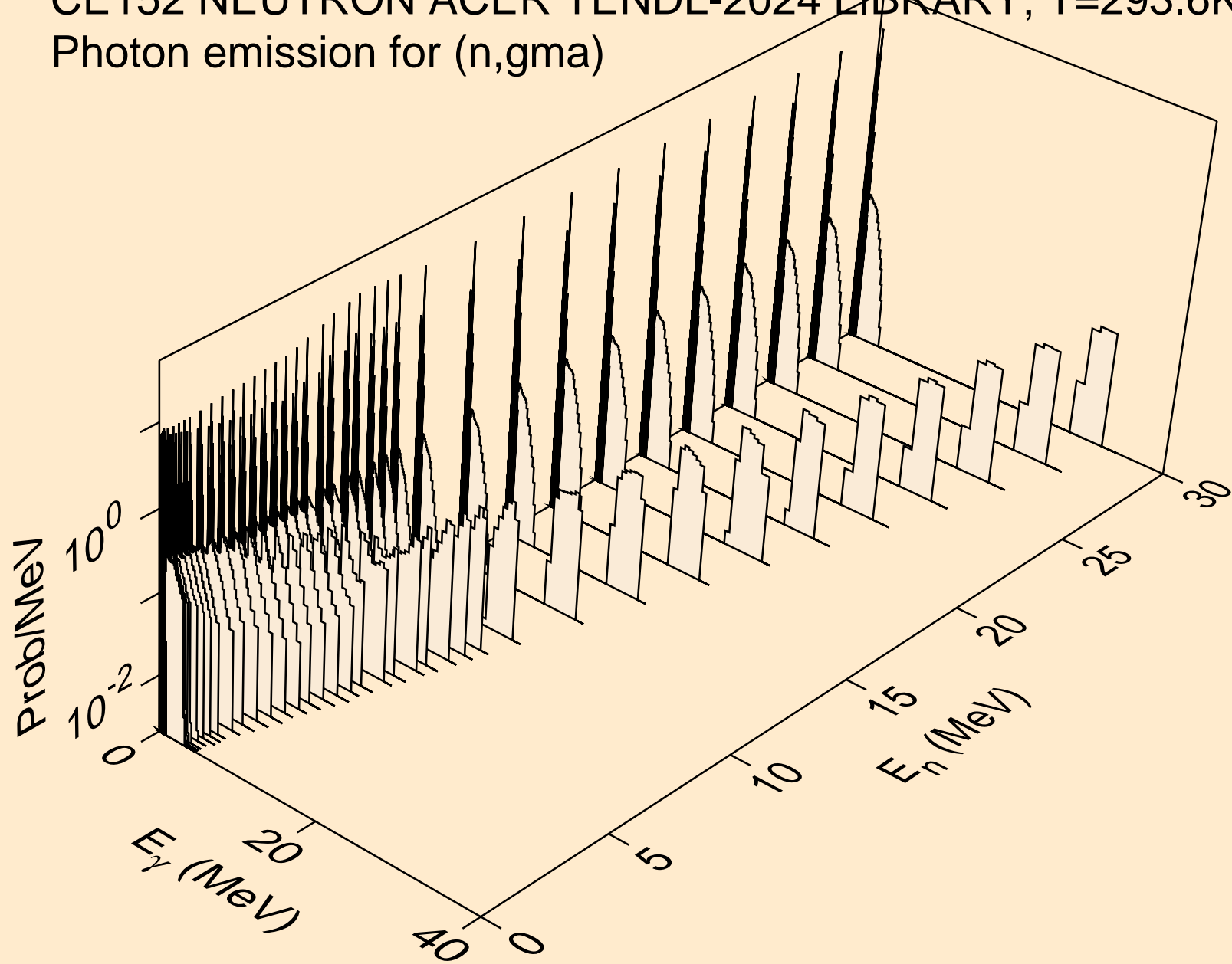
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



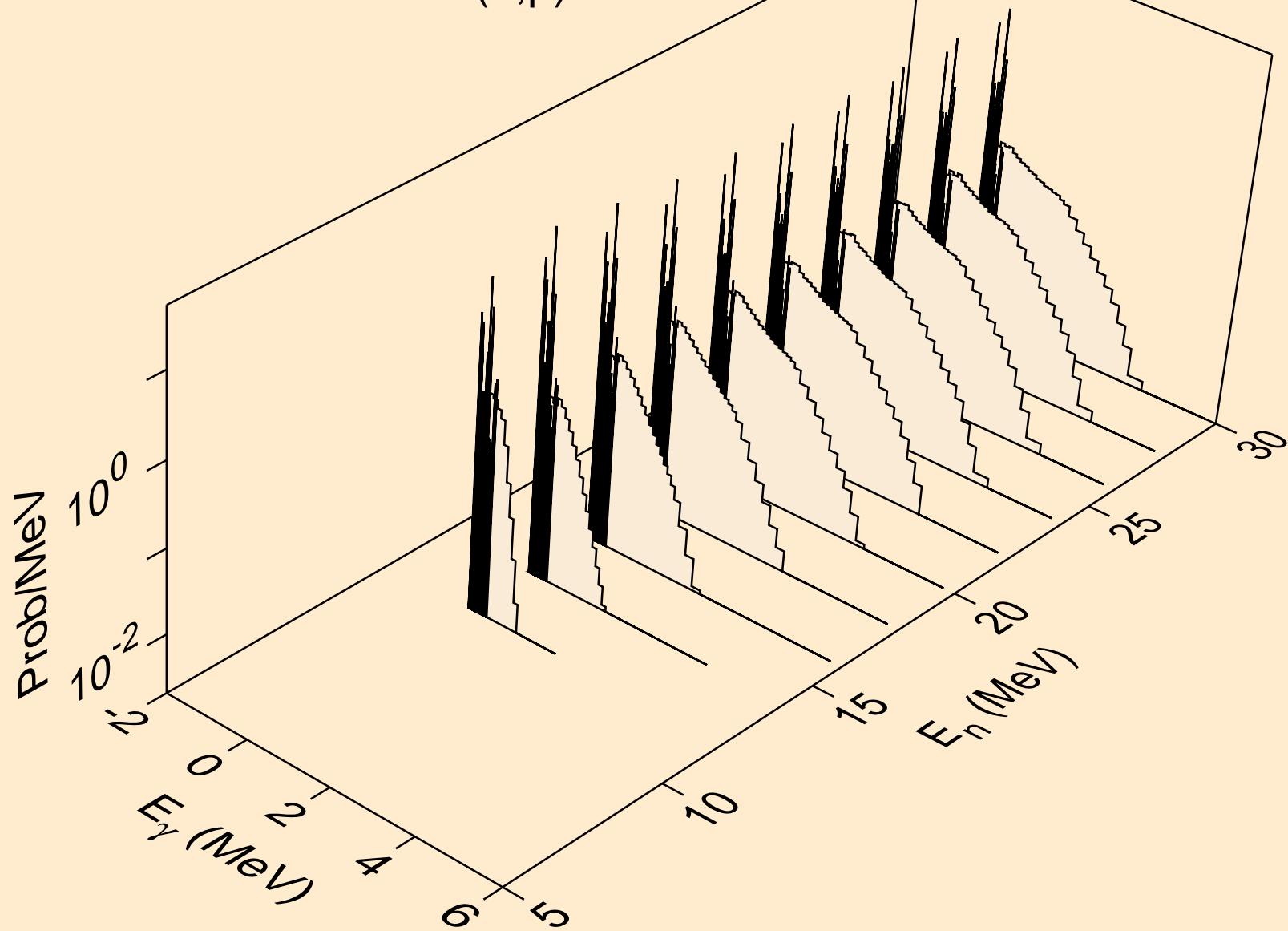
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



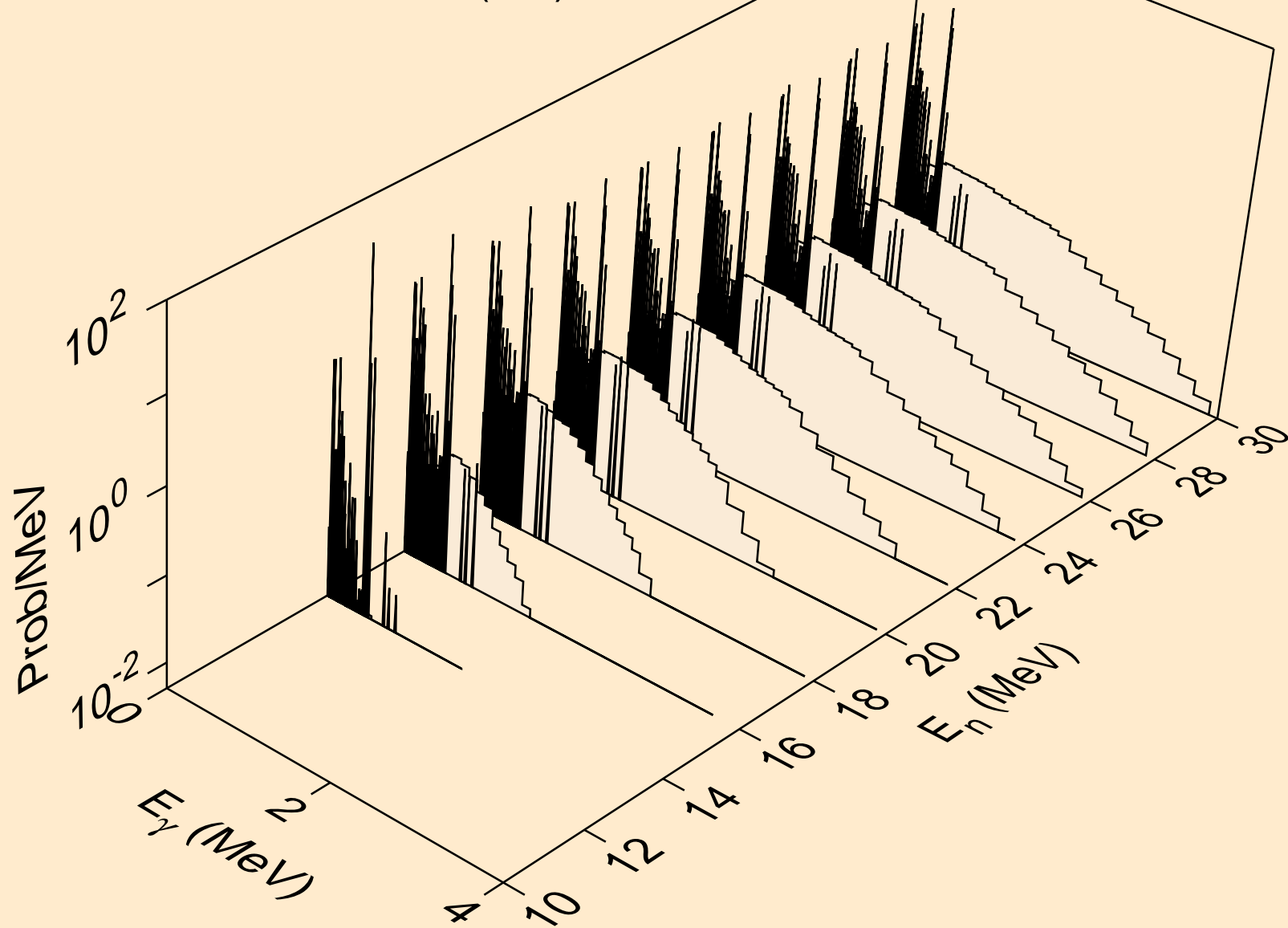
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



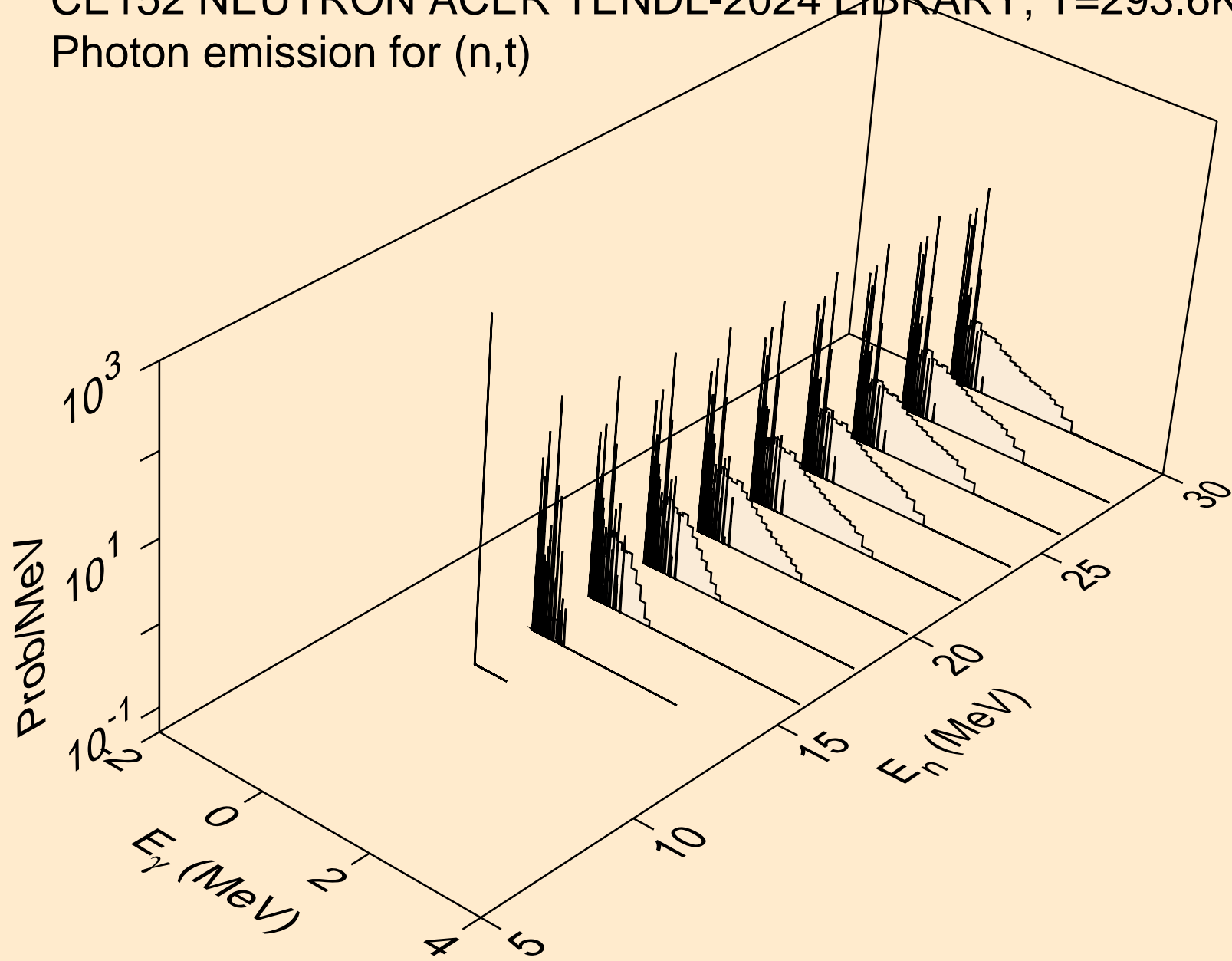
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



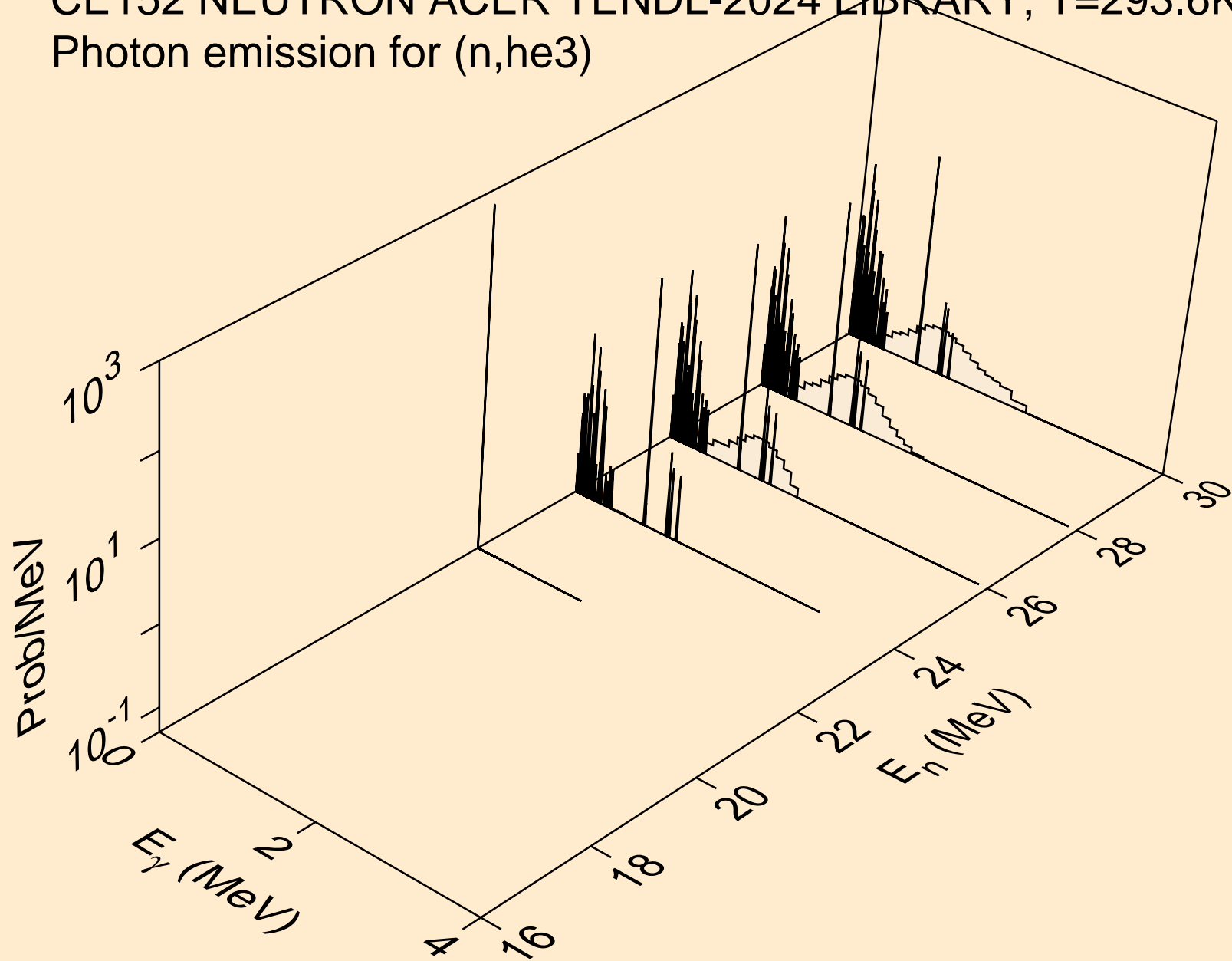
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



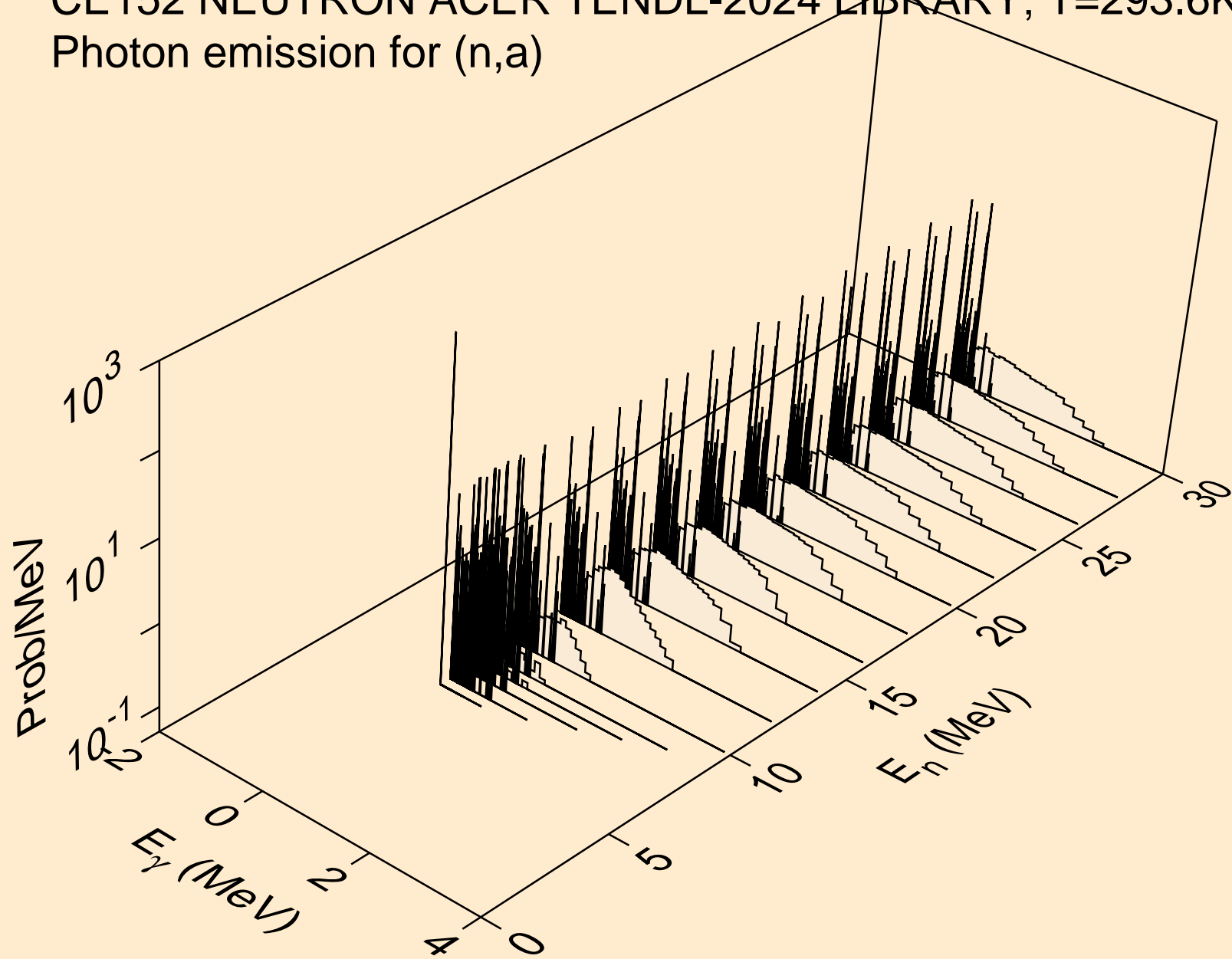
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



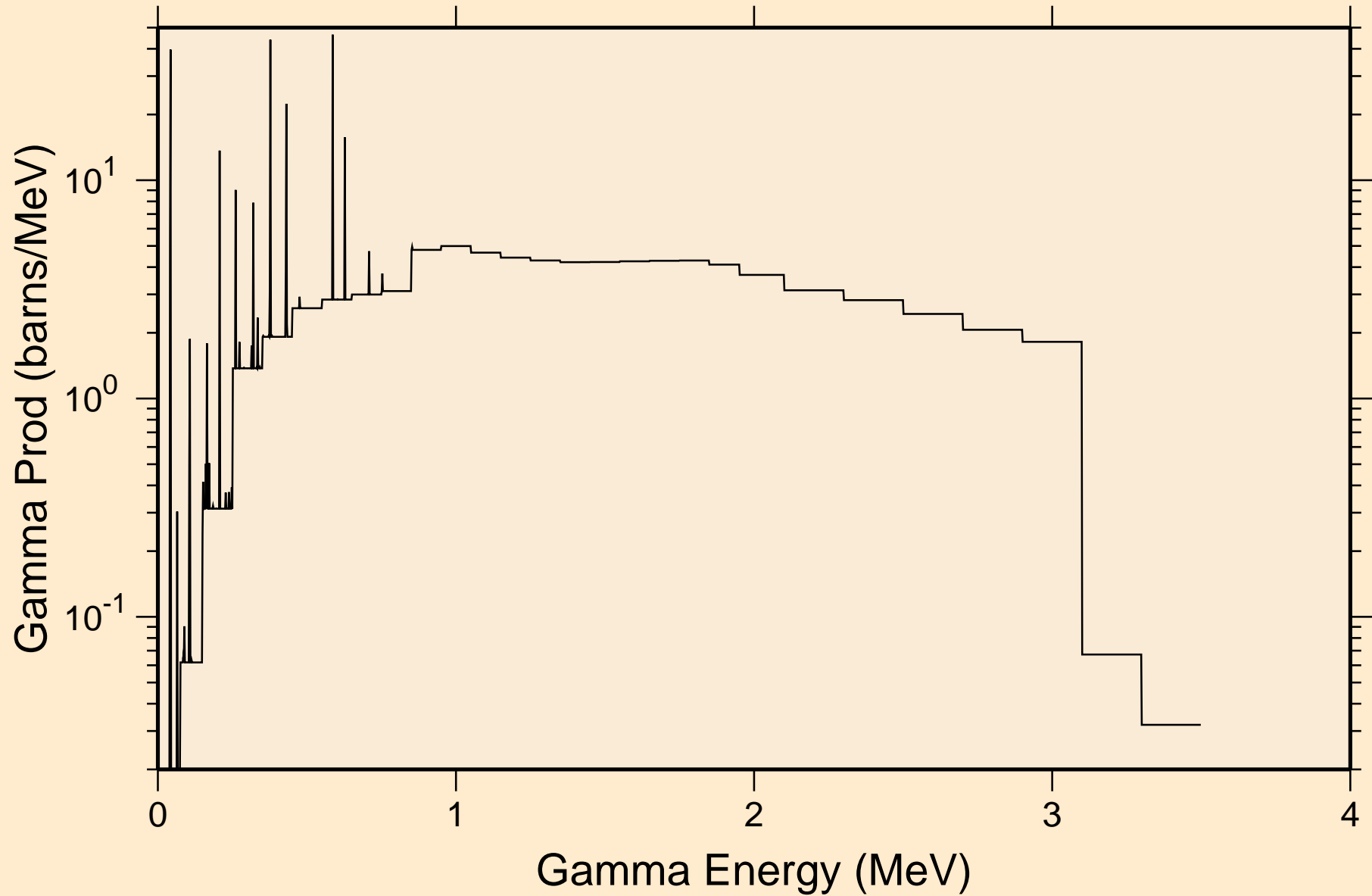
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



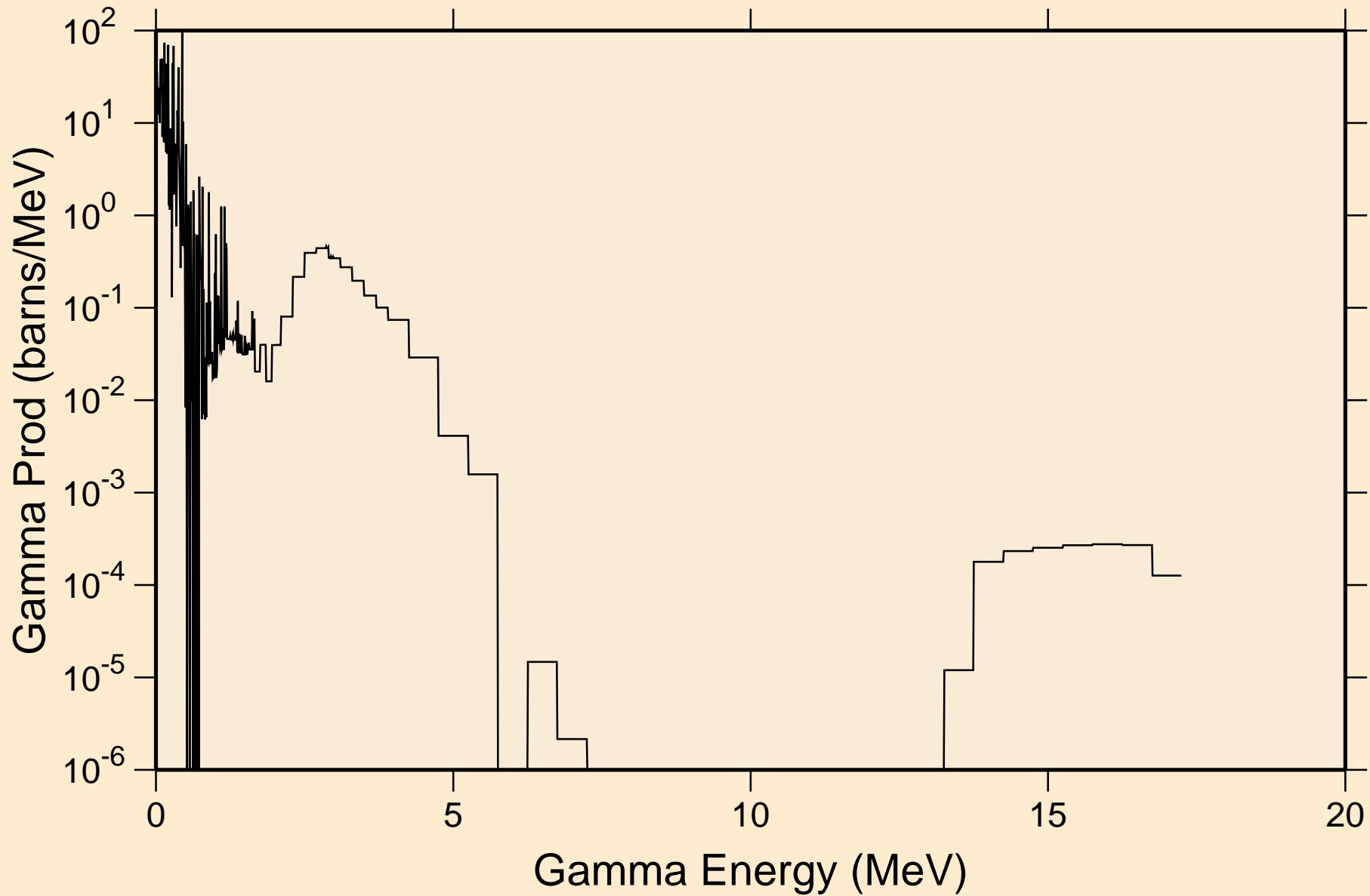
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

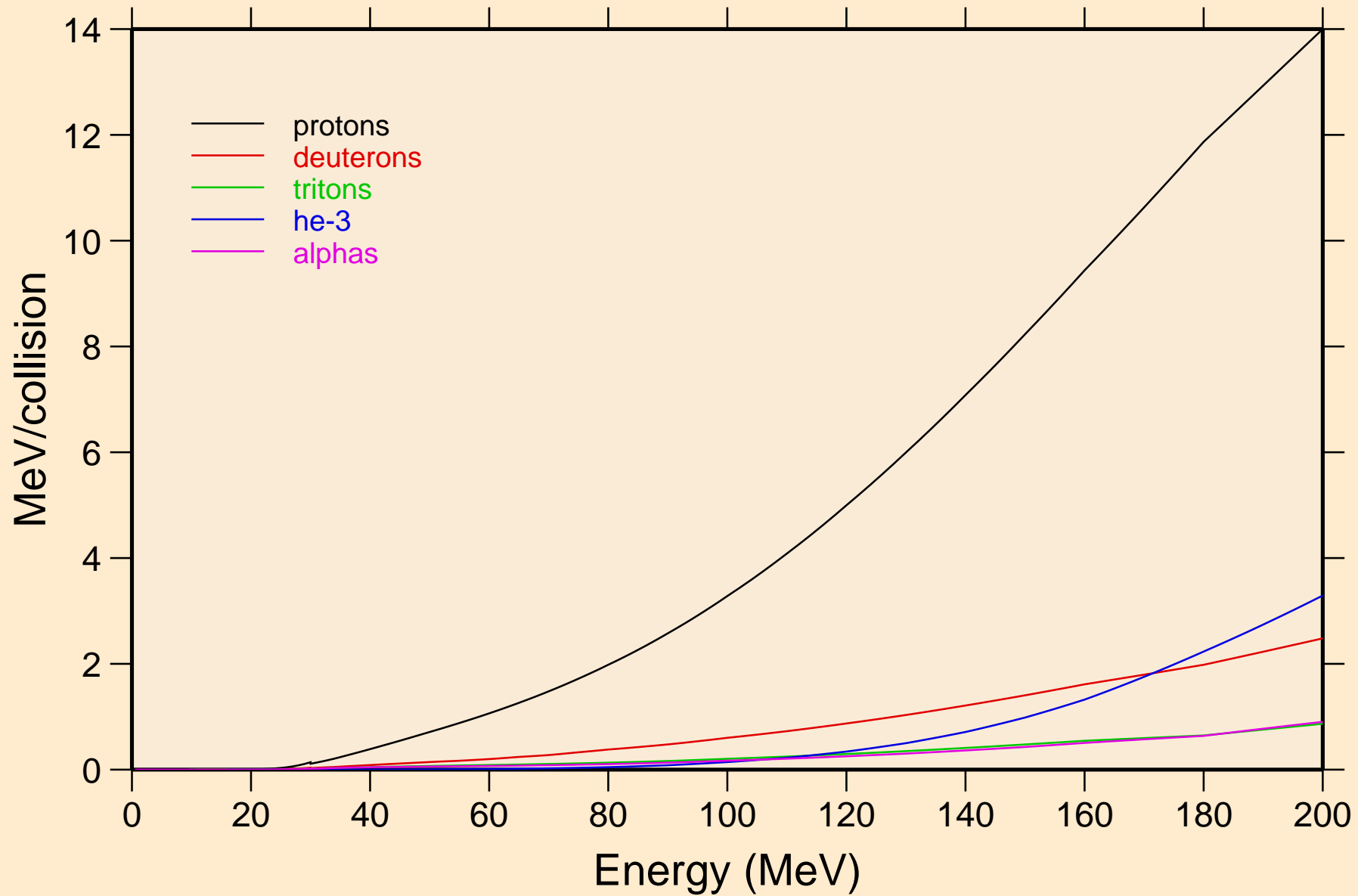


CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

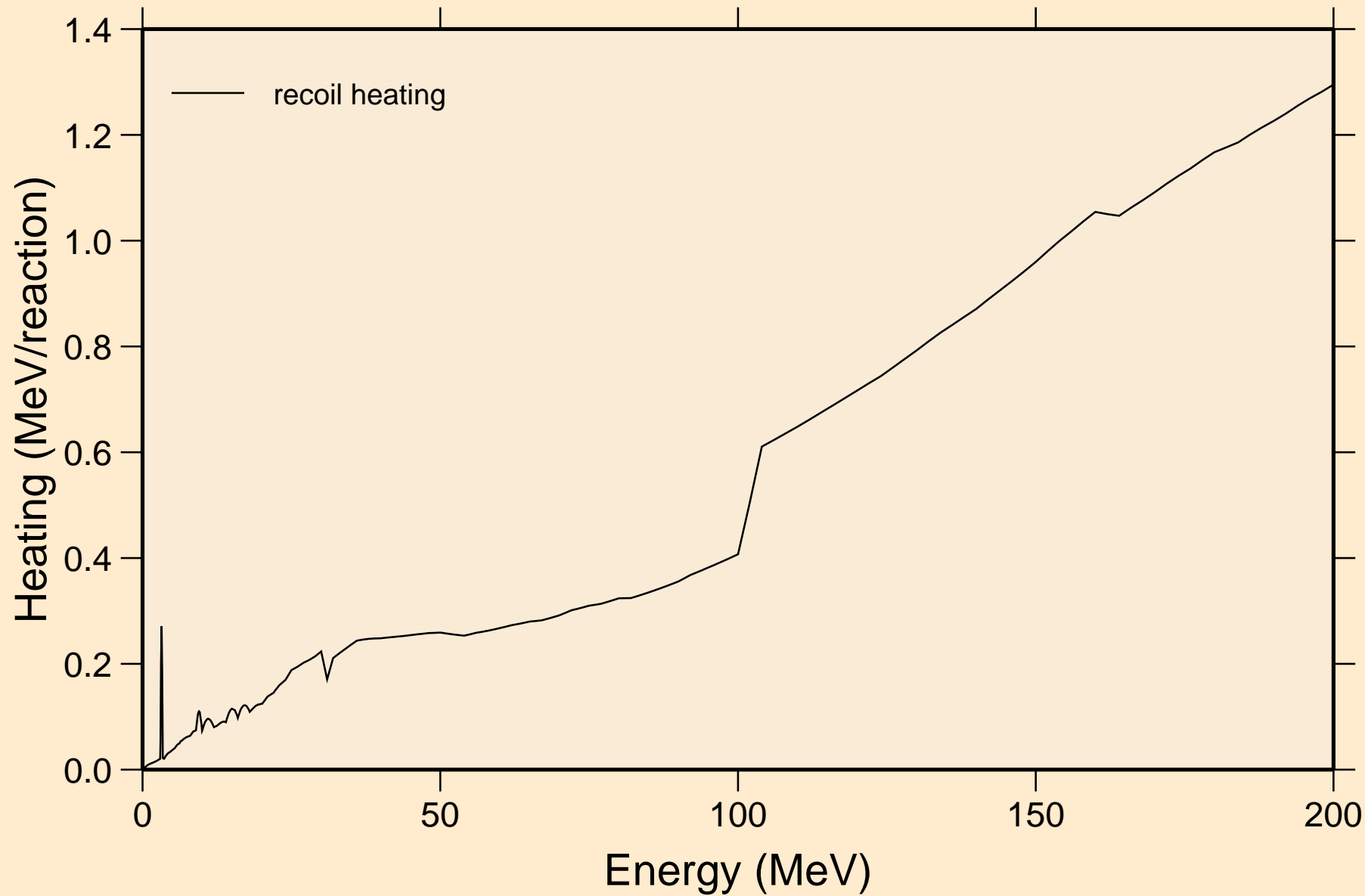


# CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Particle heating contributions

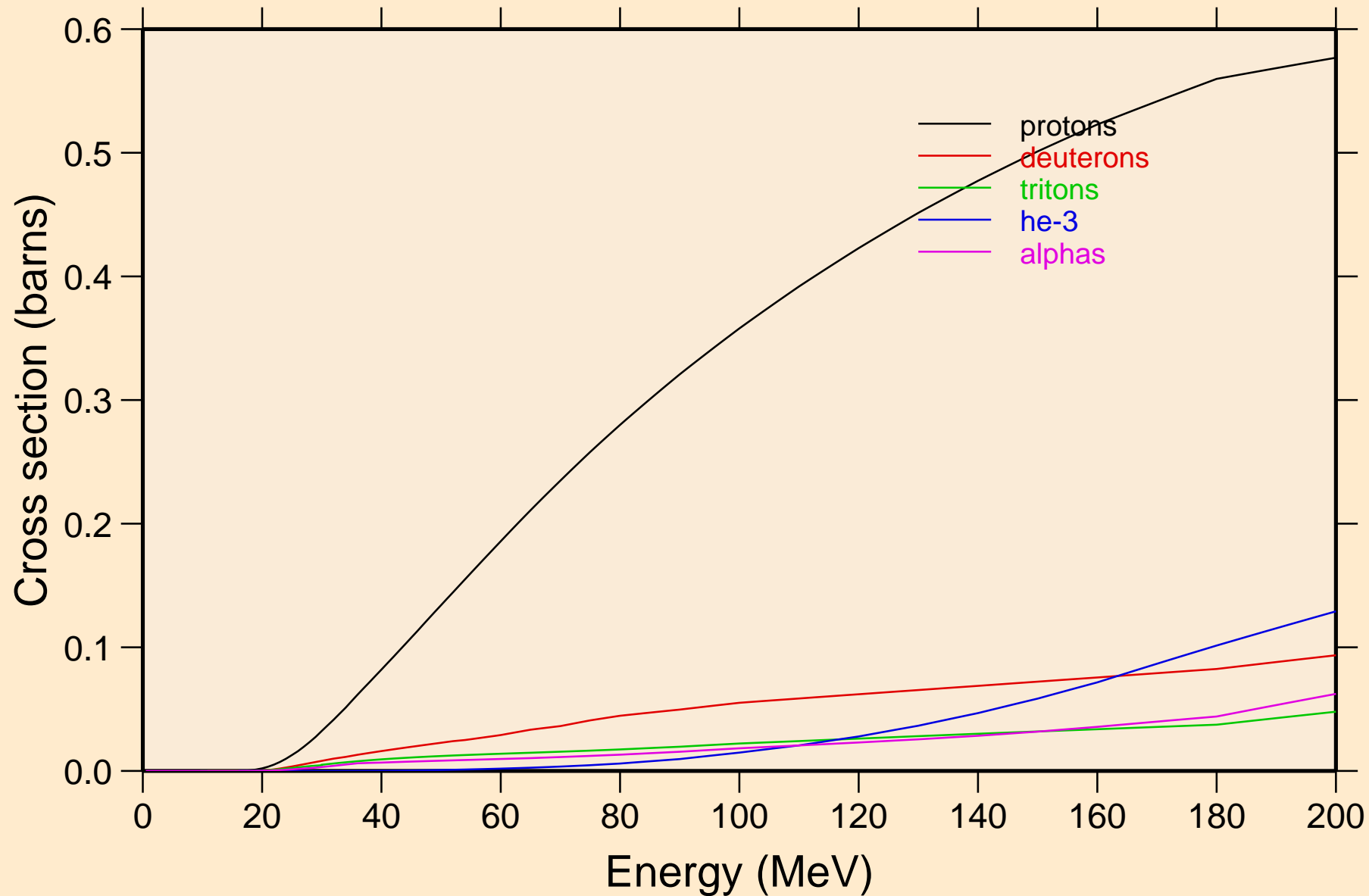


CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating

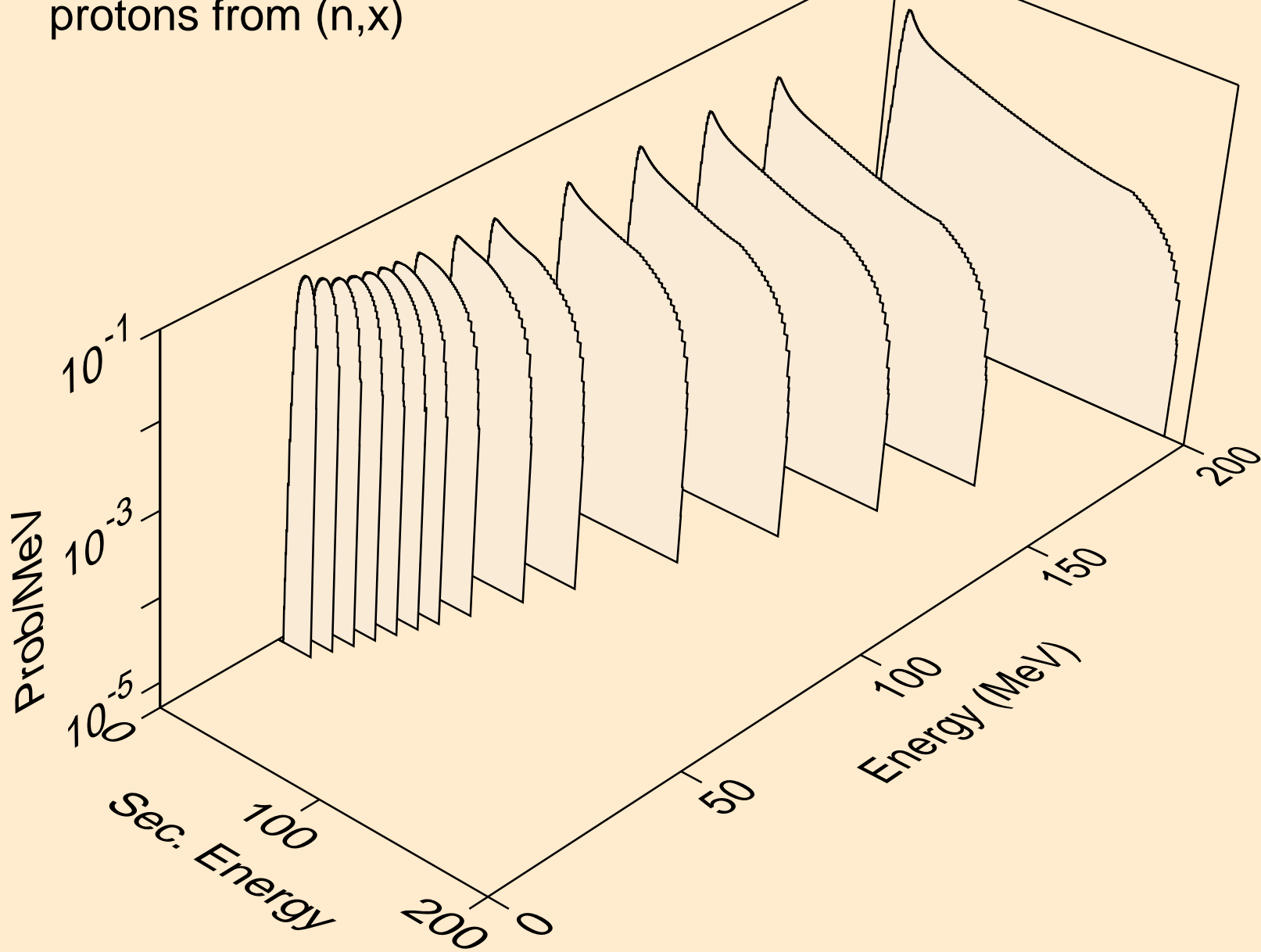


# CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

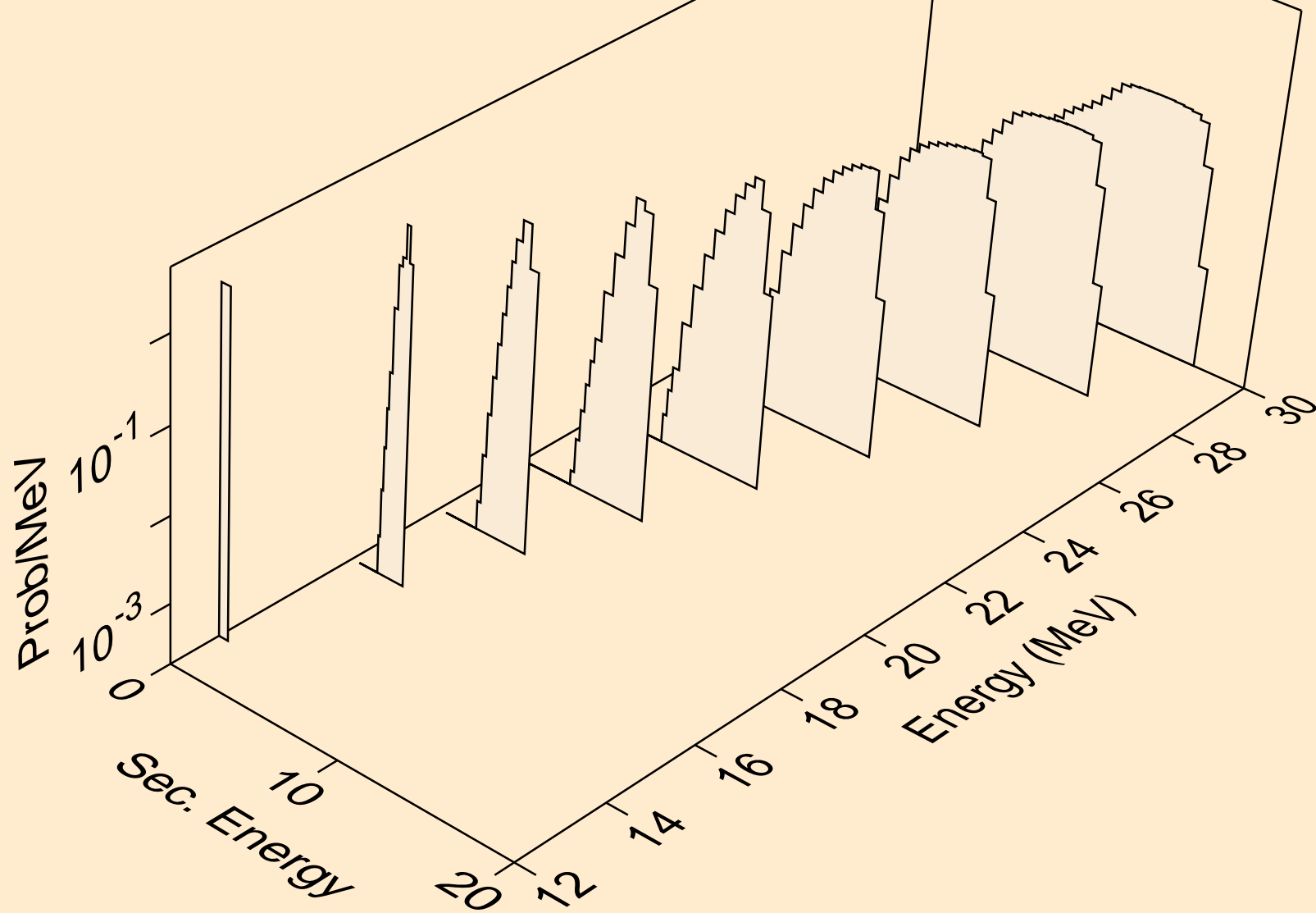
## Particle production cross sections



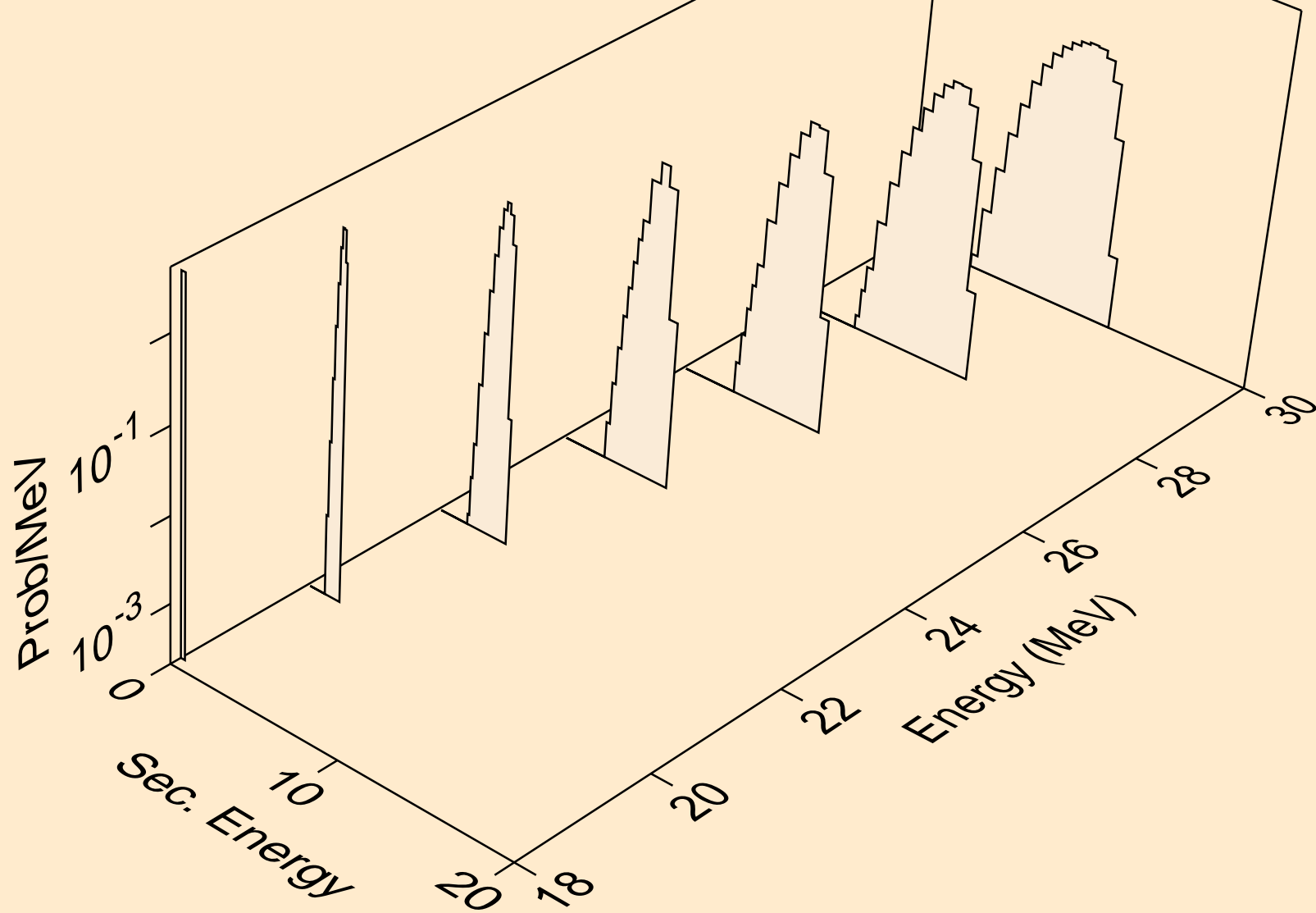
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



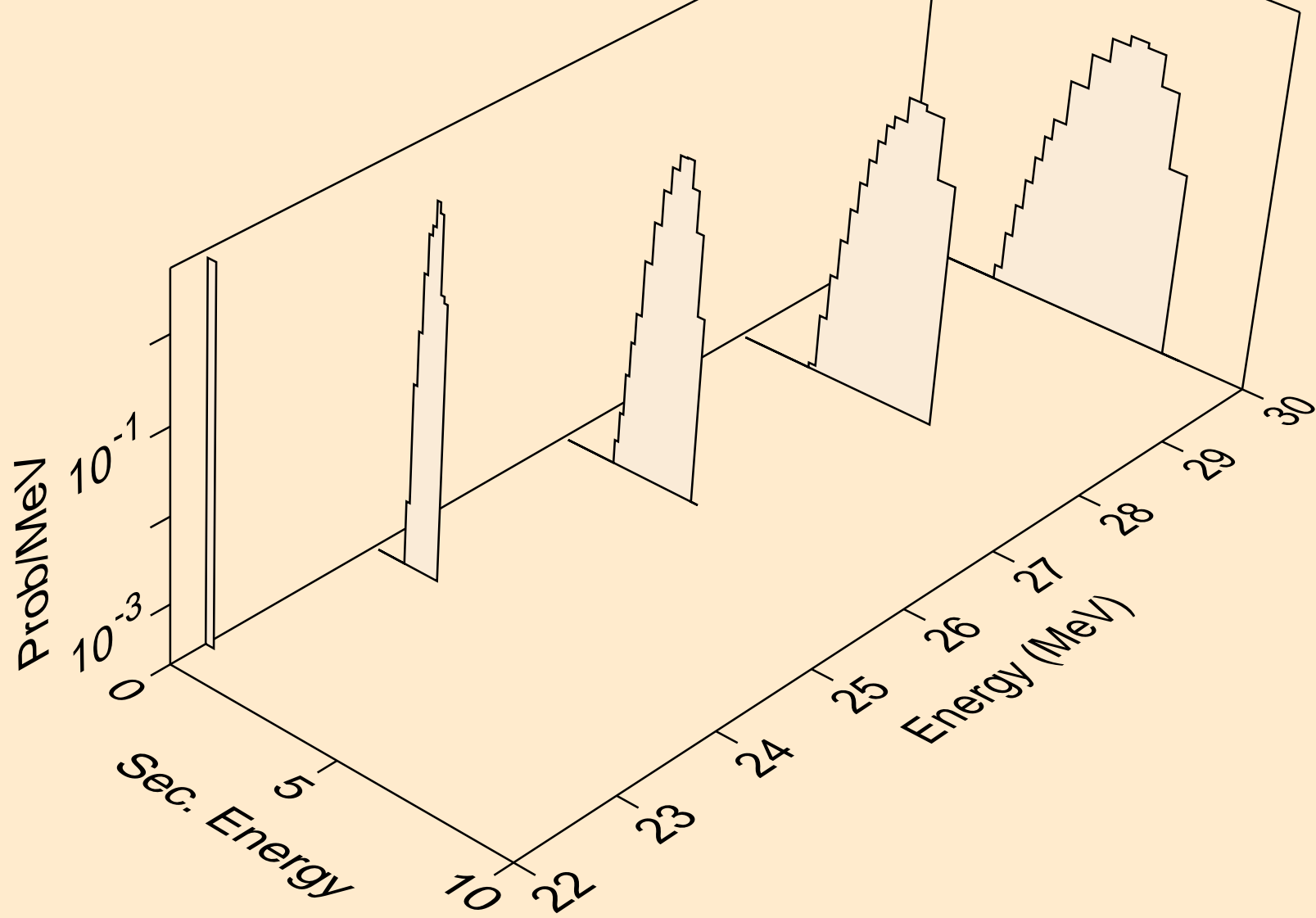
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



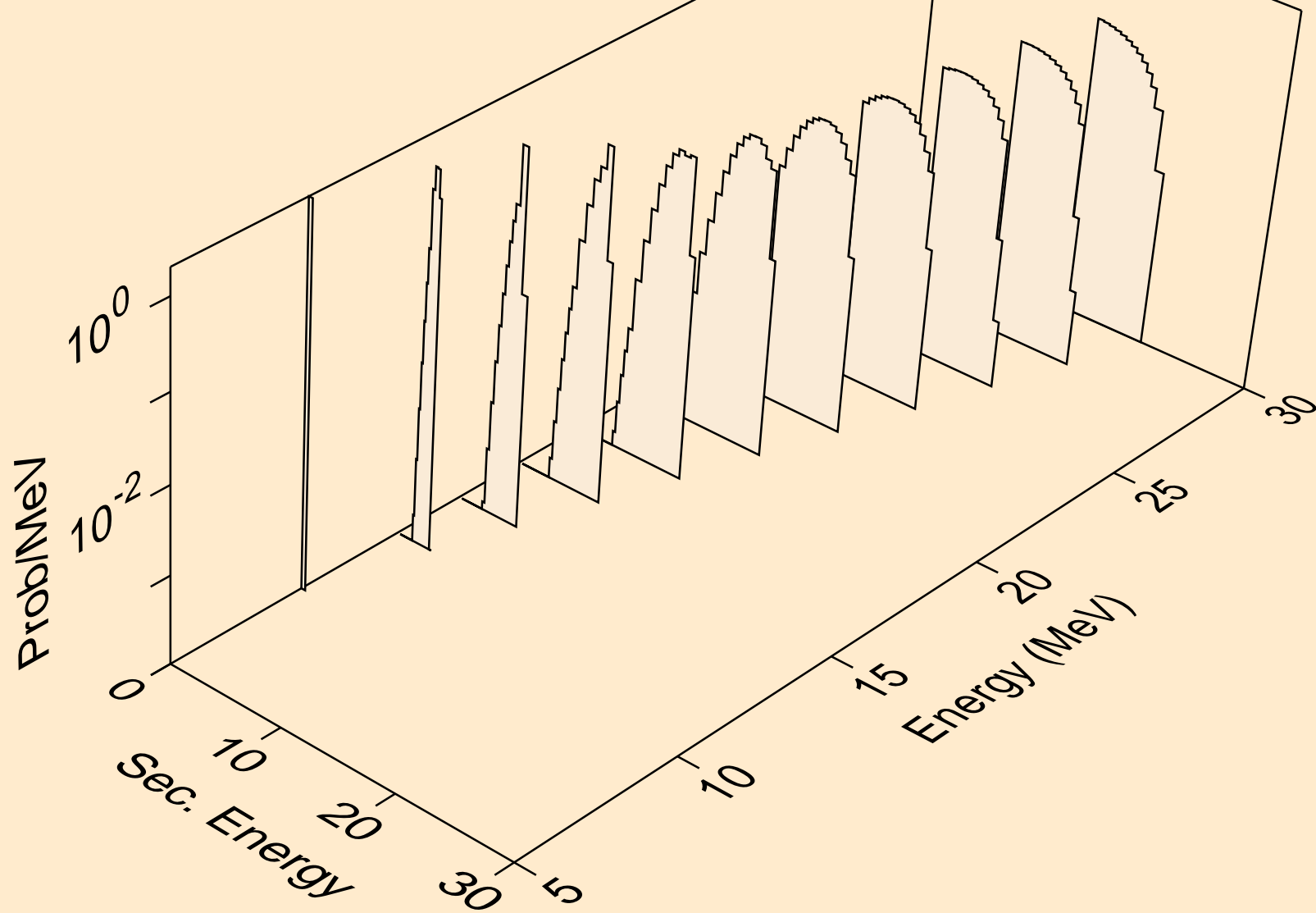
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



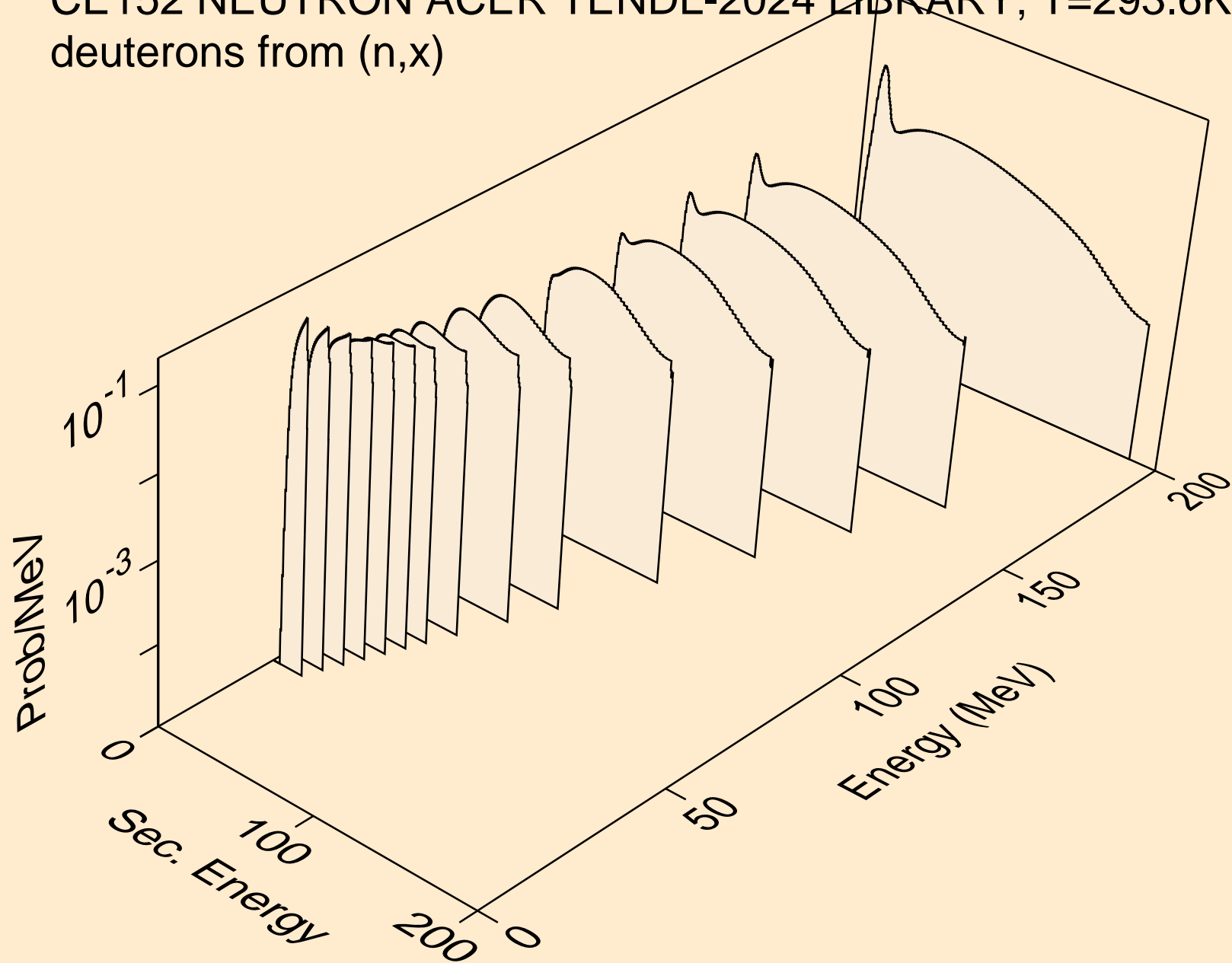
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protons from (n,3np)



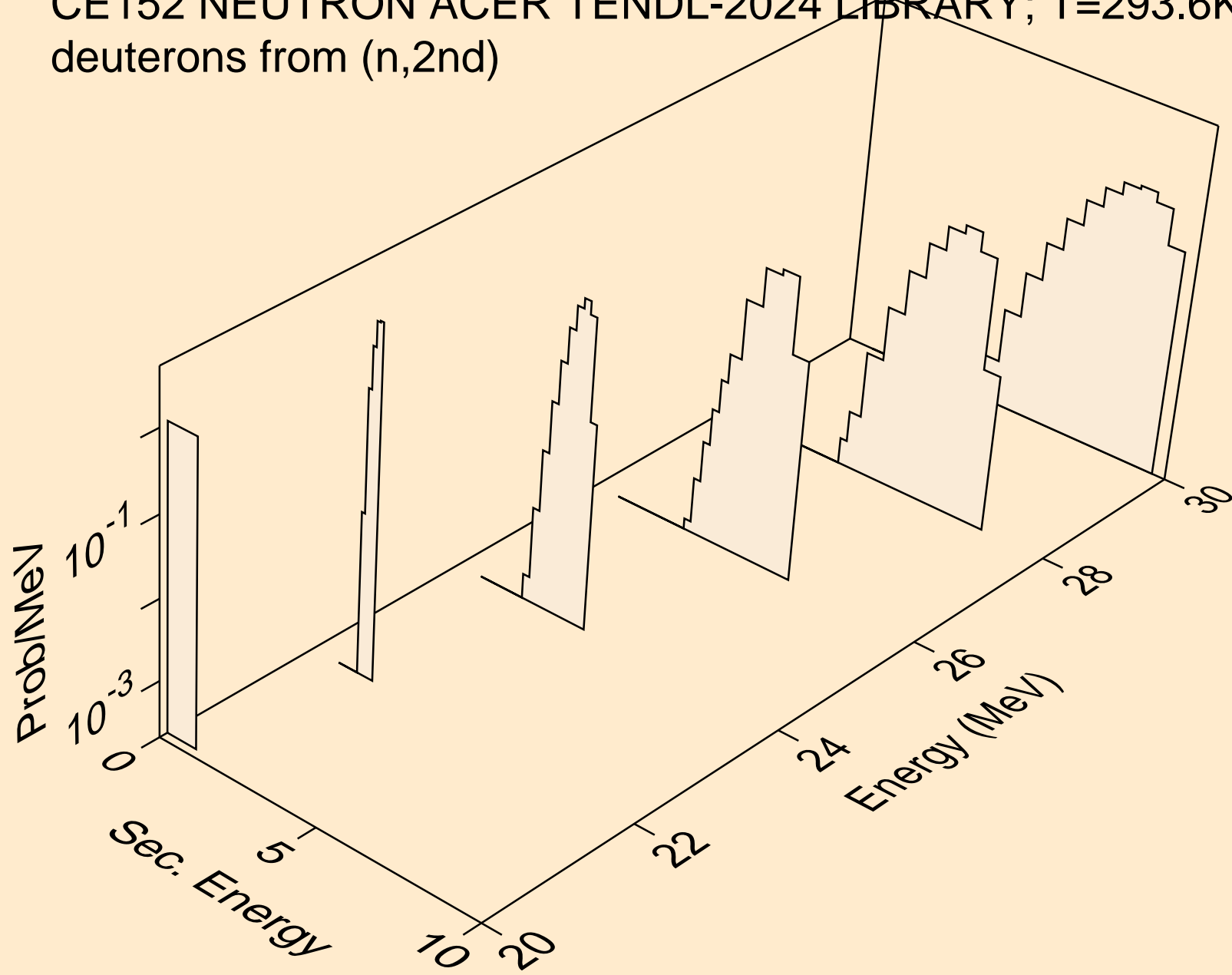
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protons from (n,p)



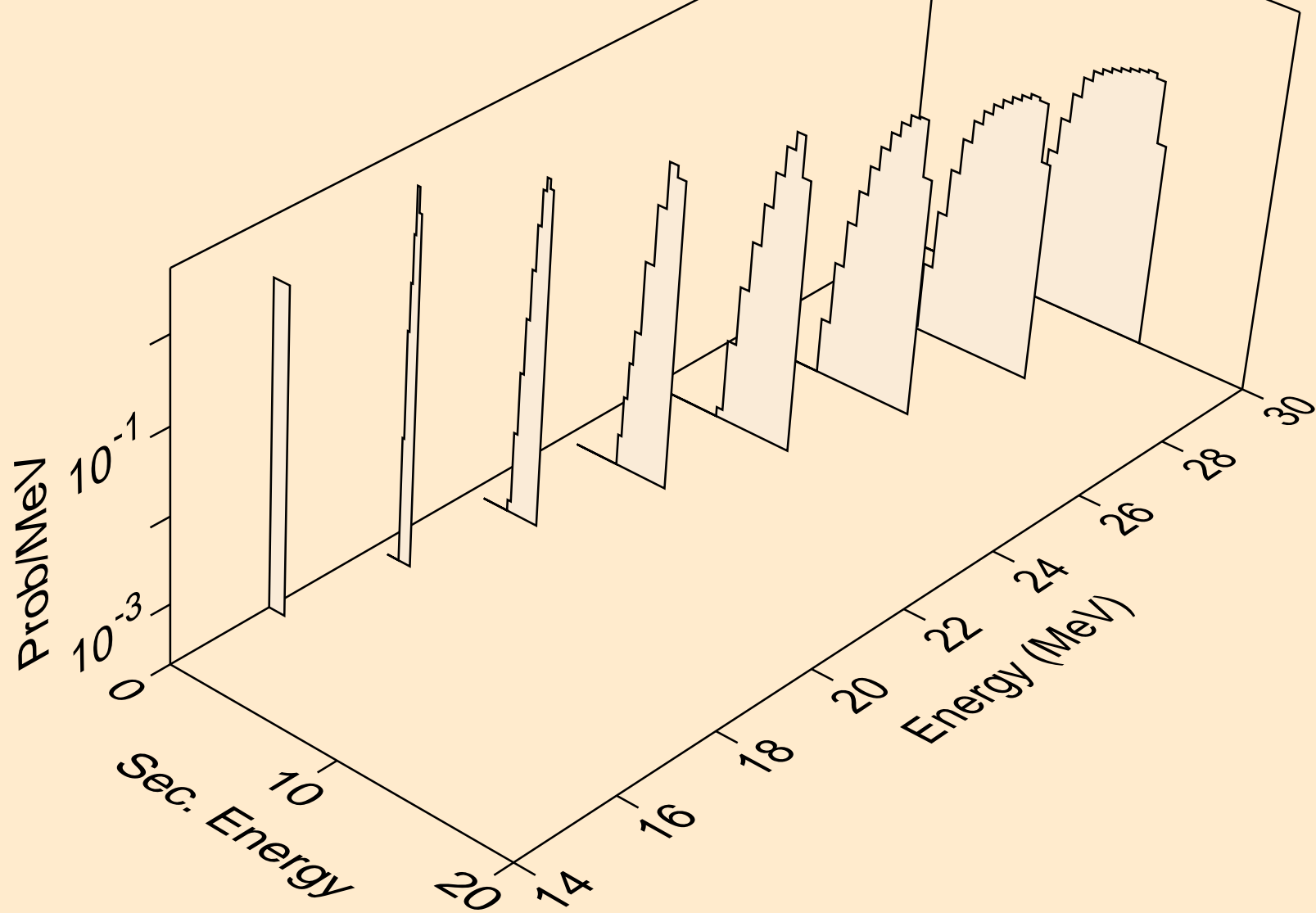
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



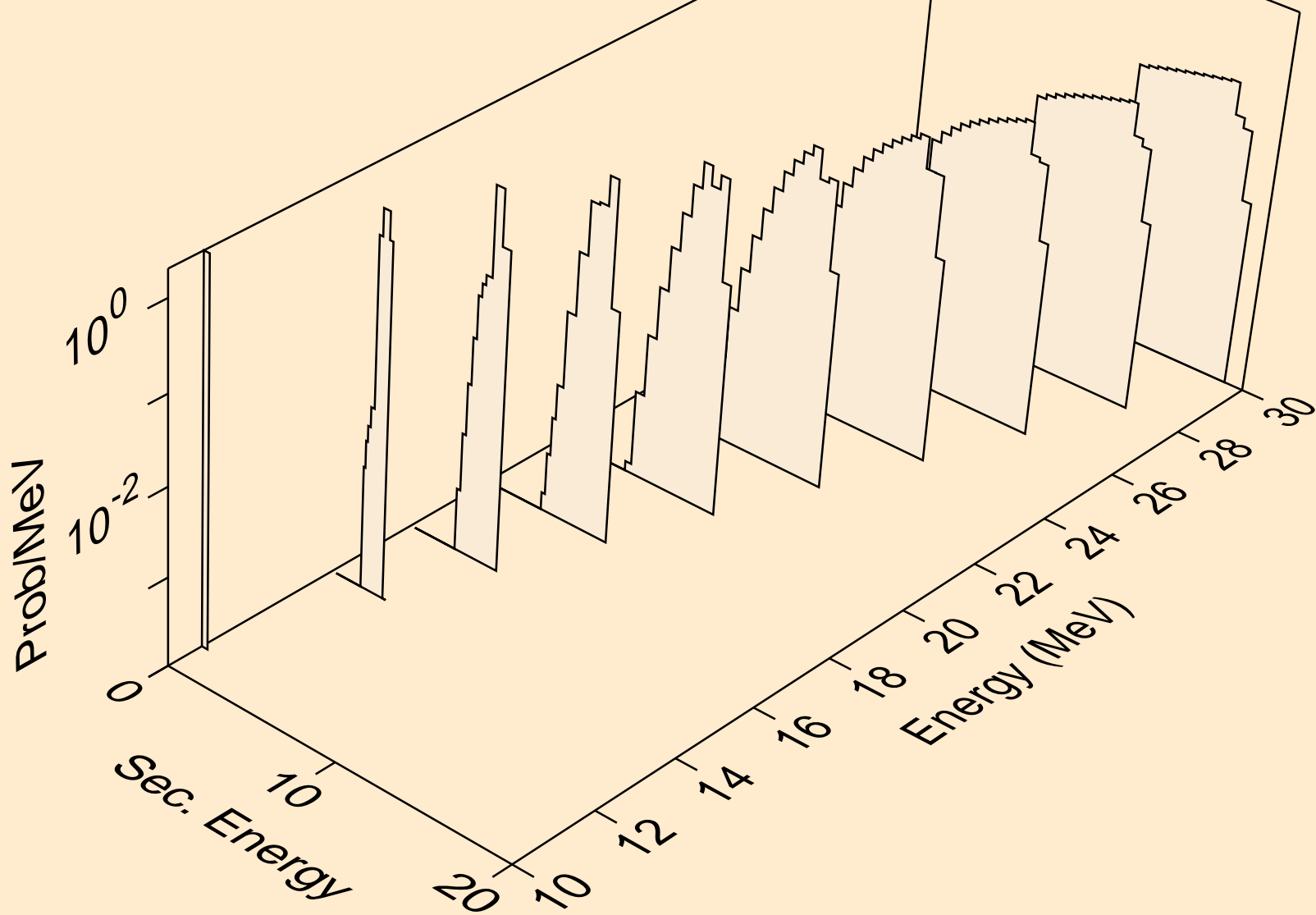
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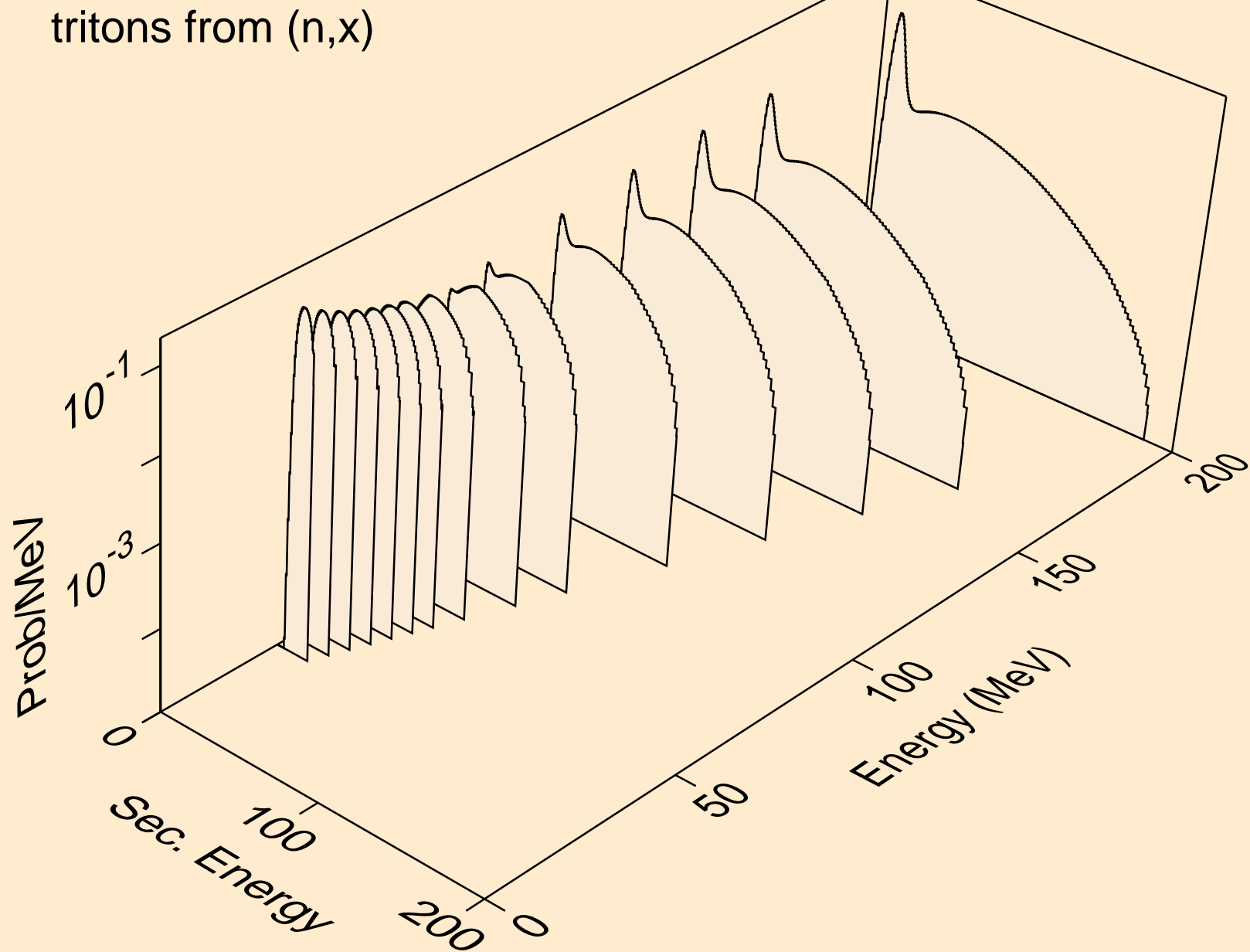
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



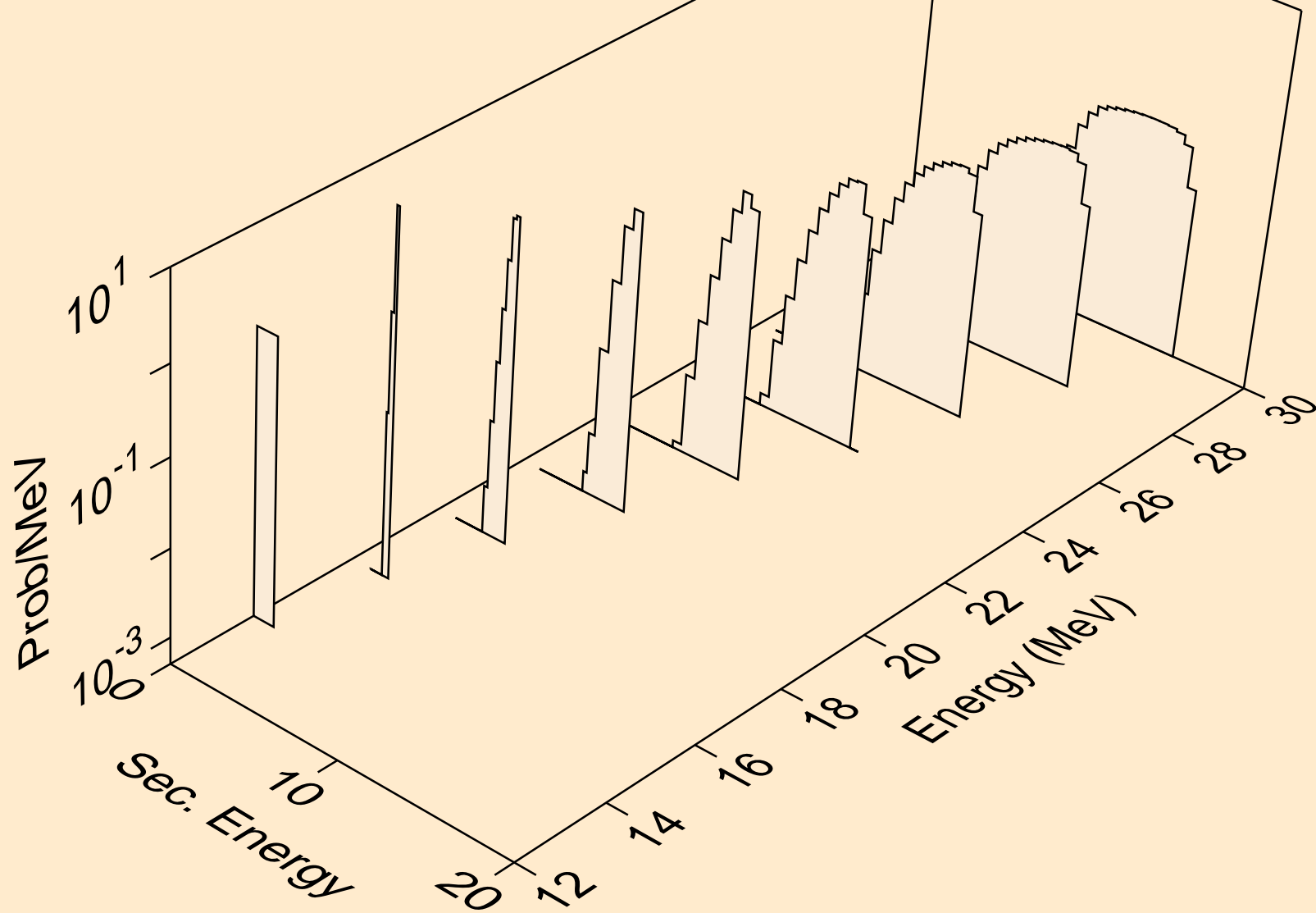
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deuterons from (n,d)



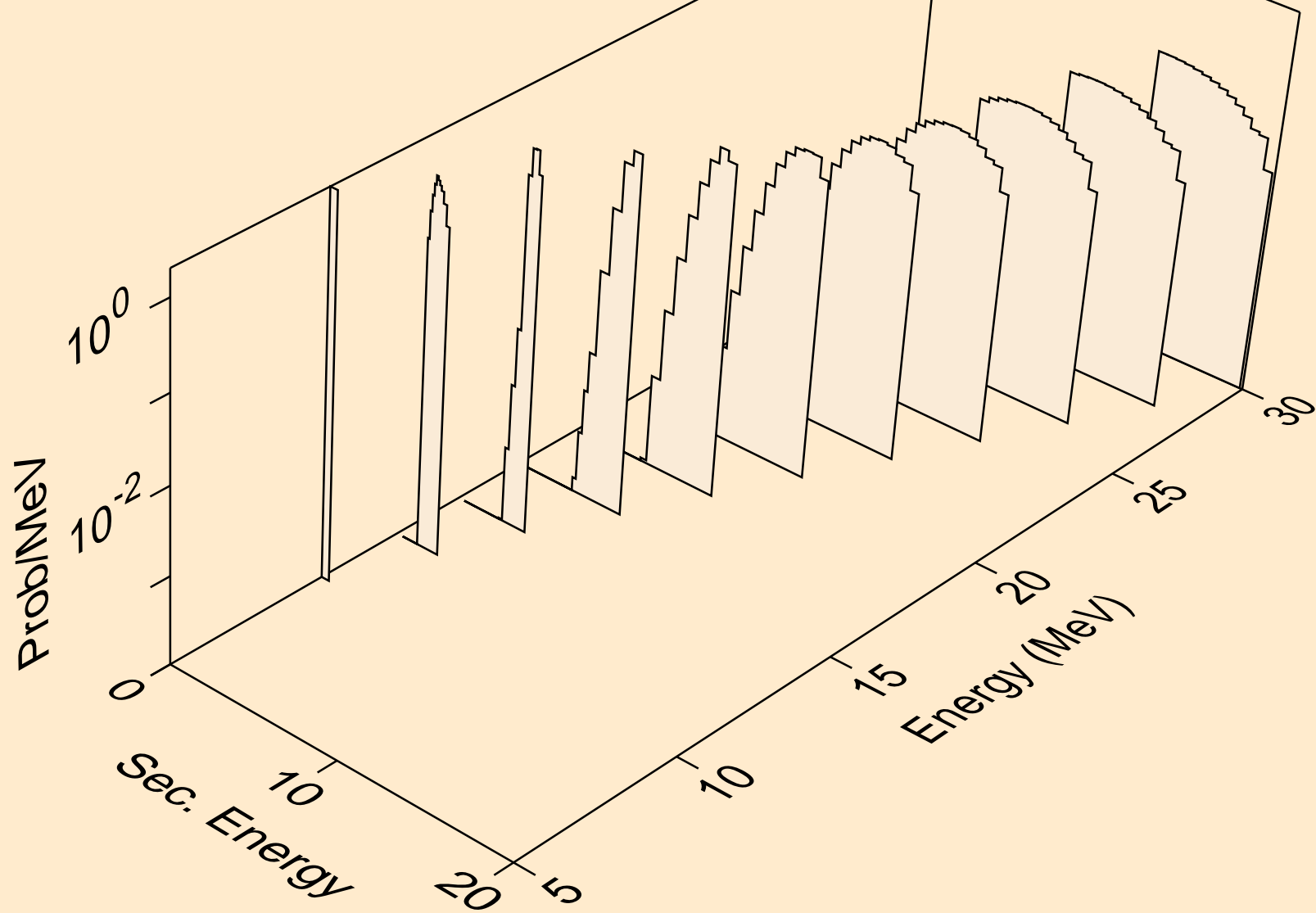
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



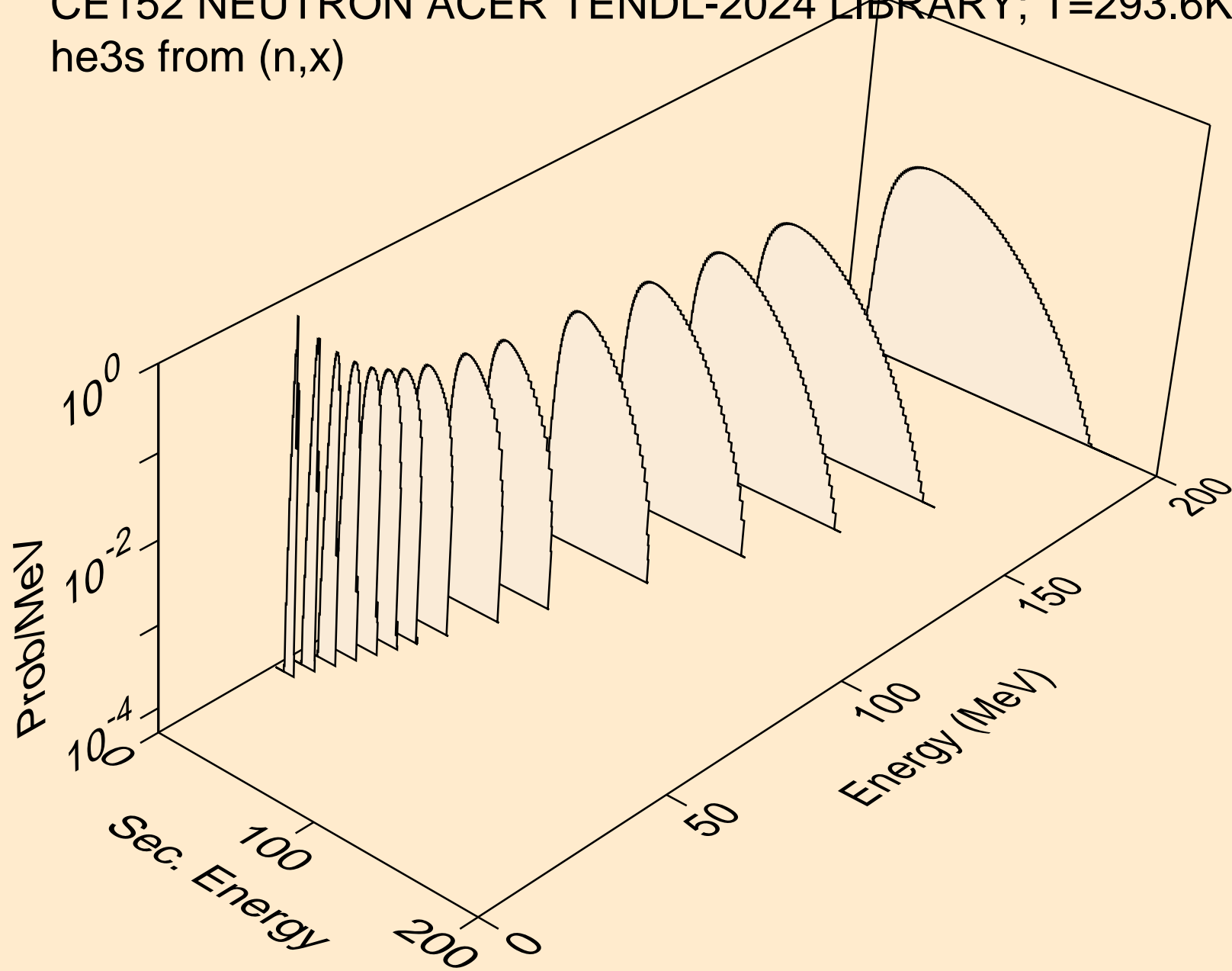
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



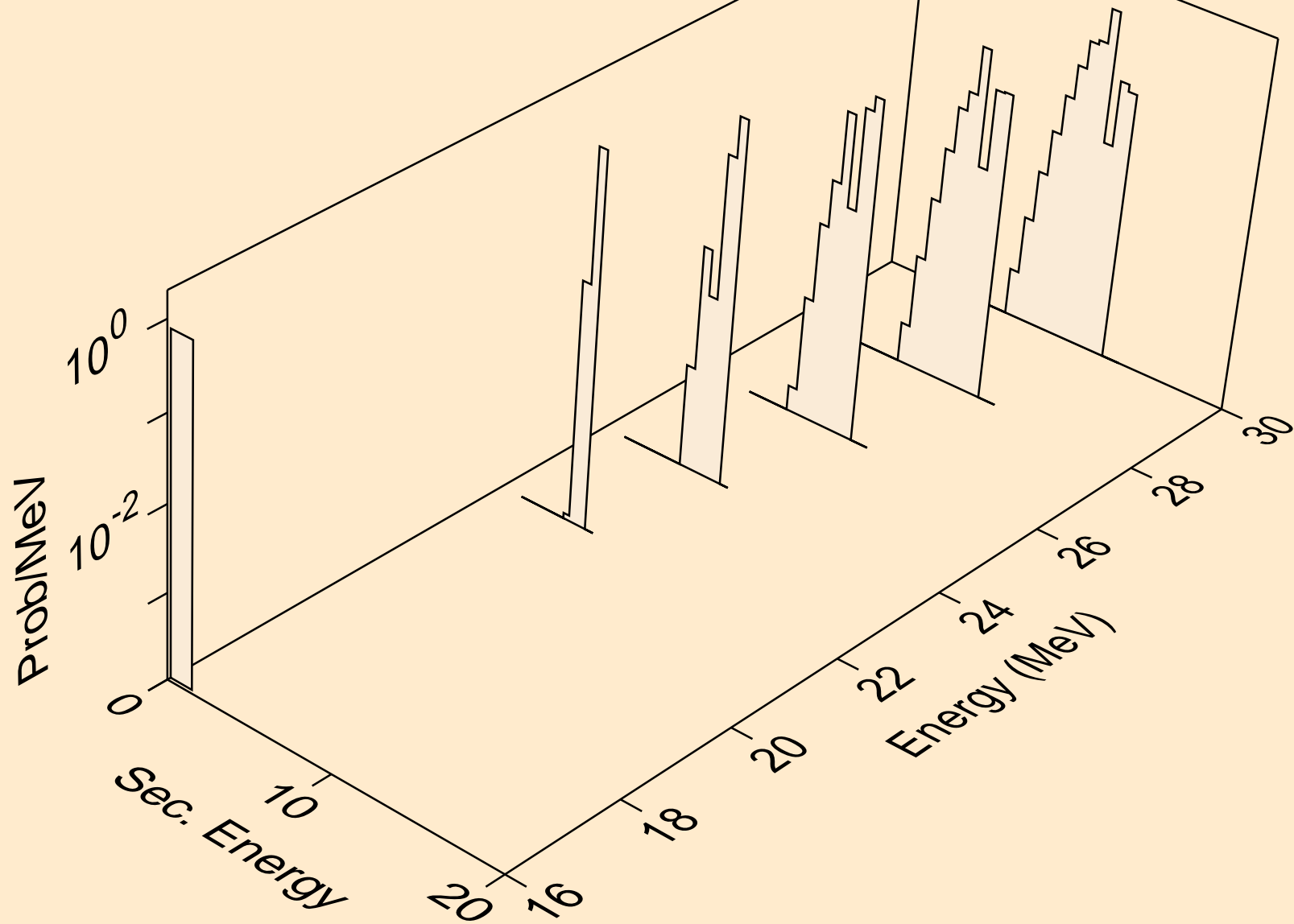
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tritons from (n,t)



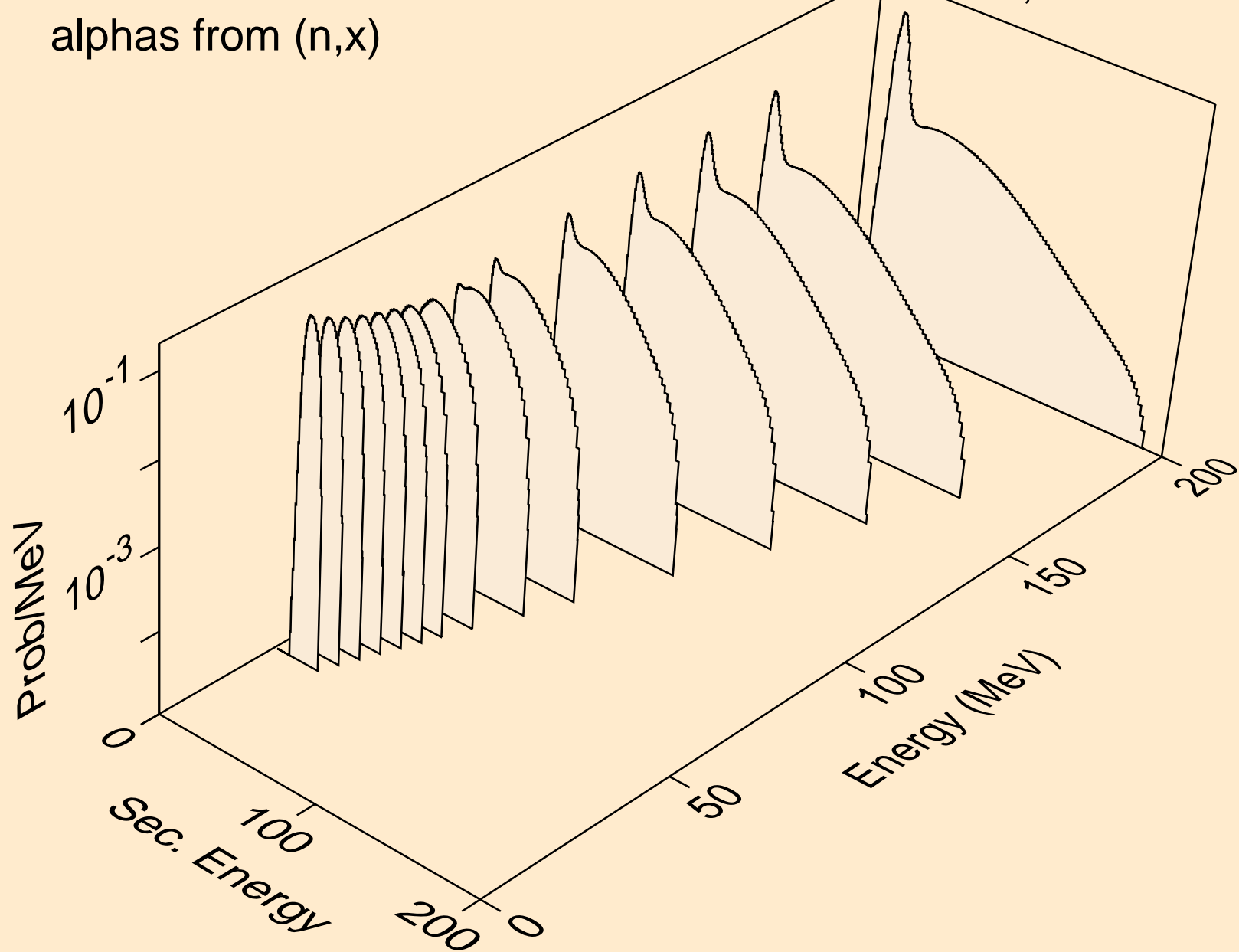
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



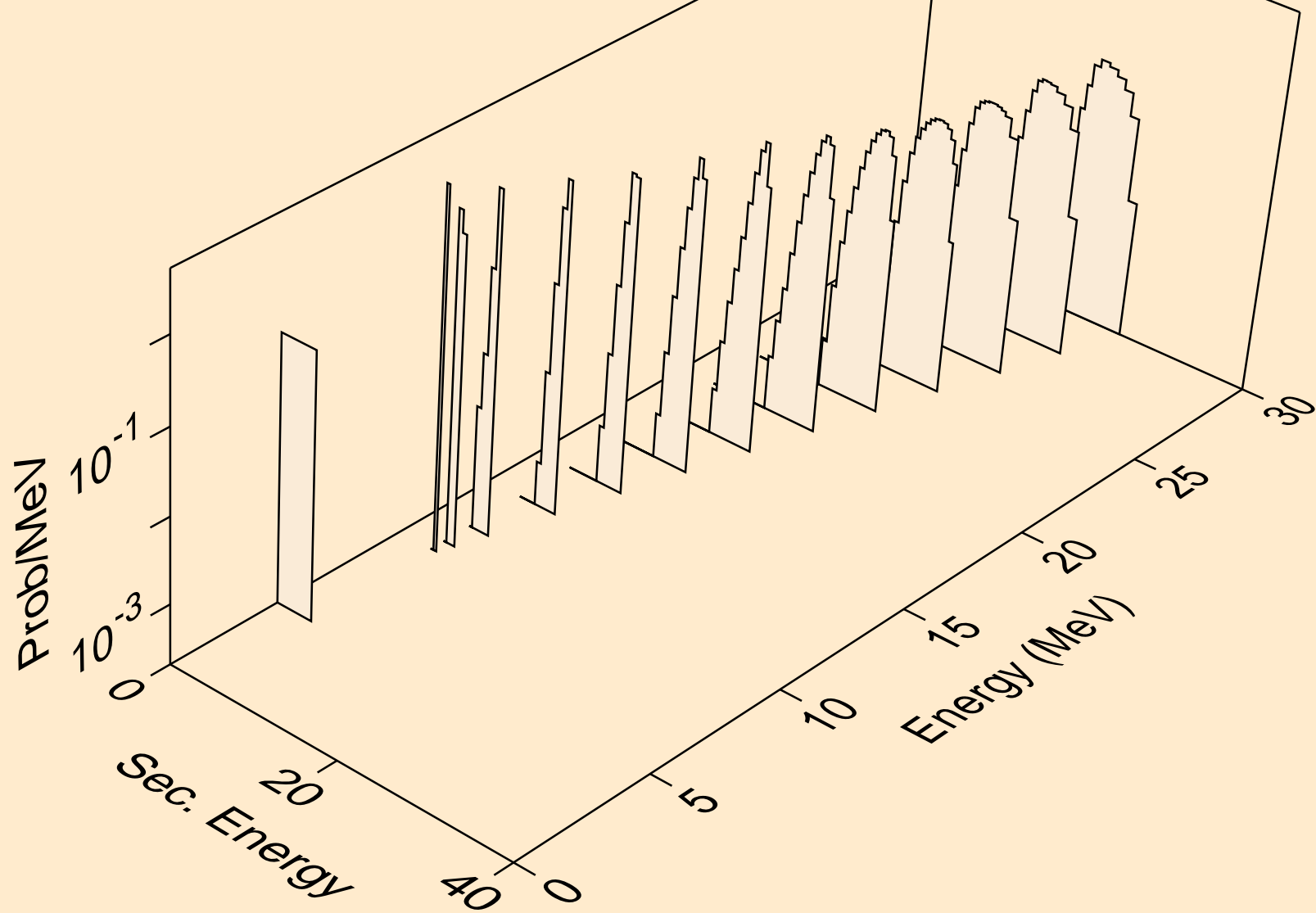
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he3s from (n,he3)



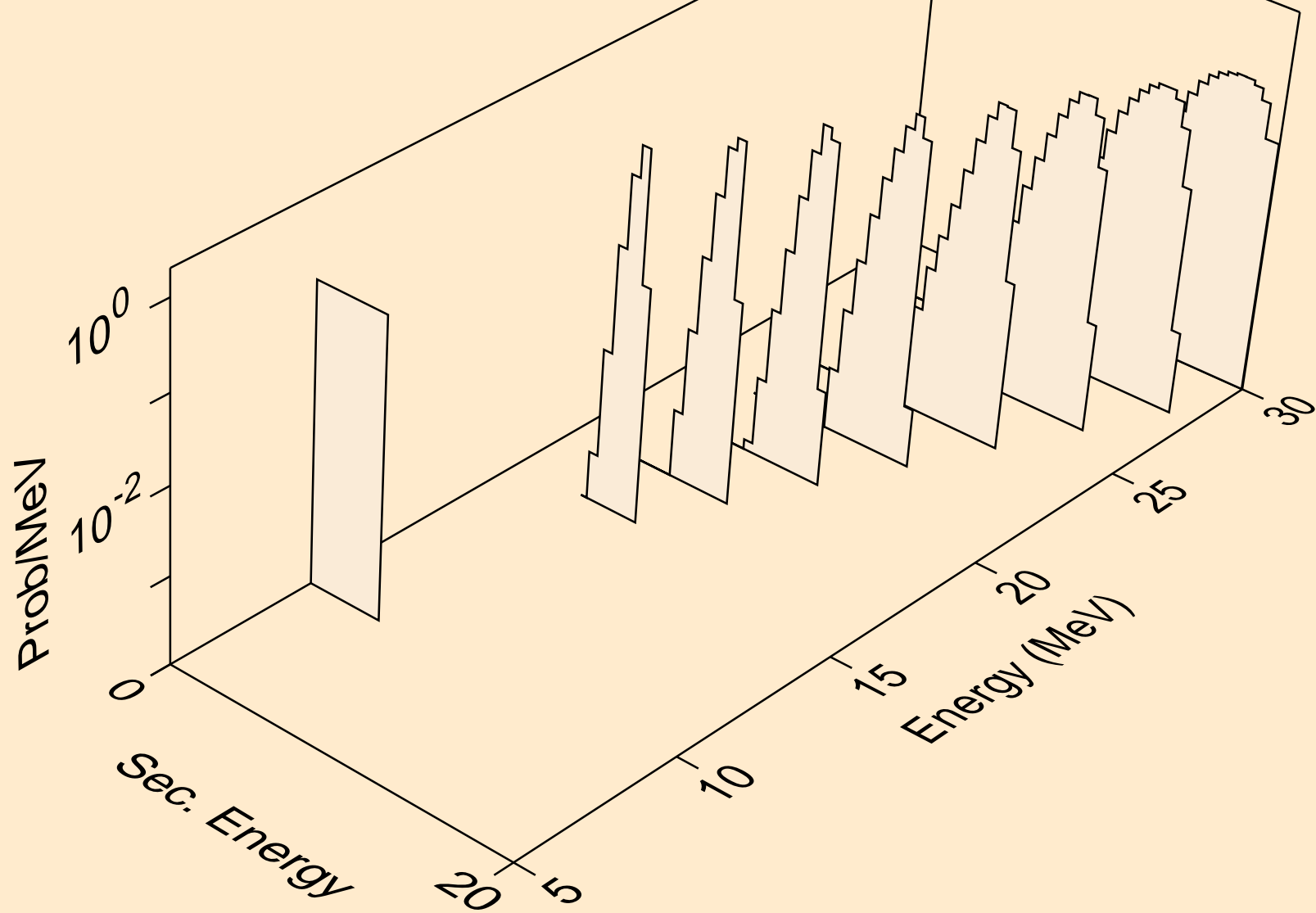
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



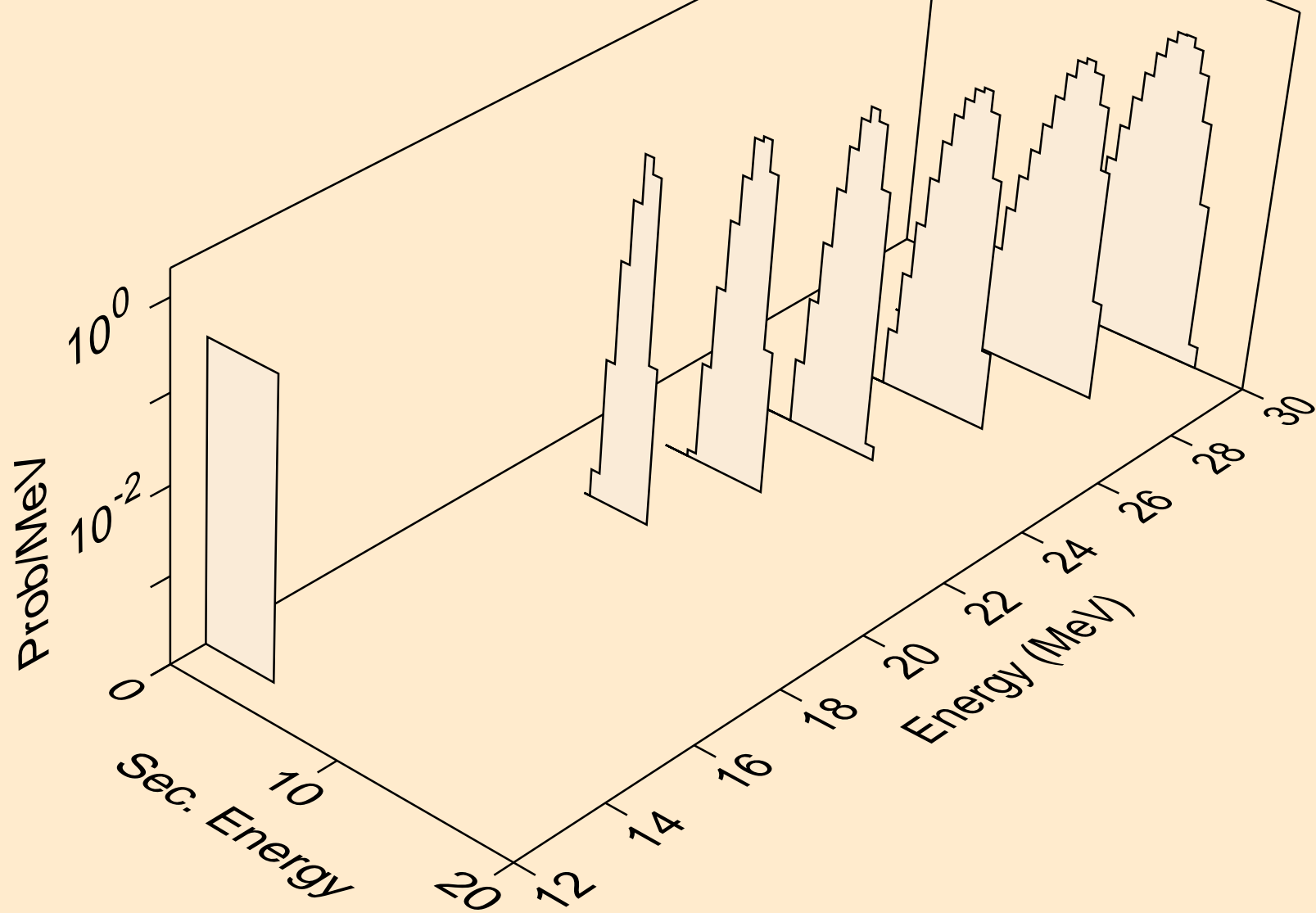
CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



CE152 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)

