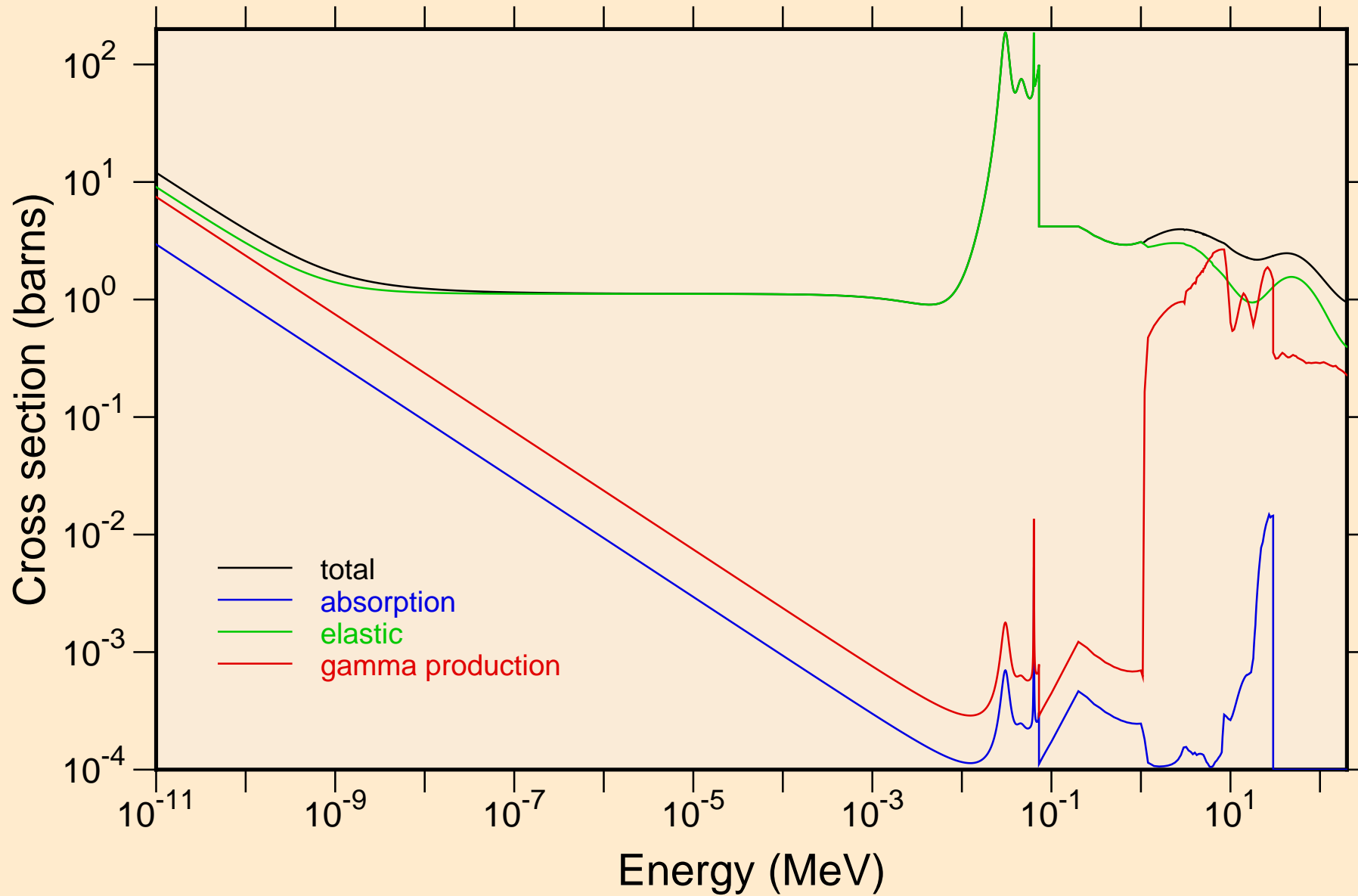
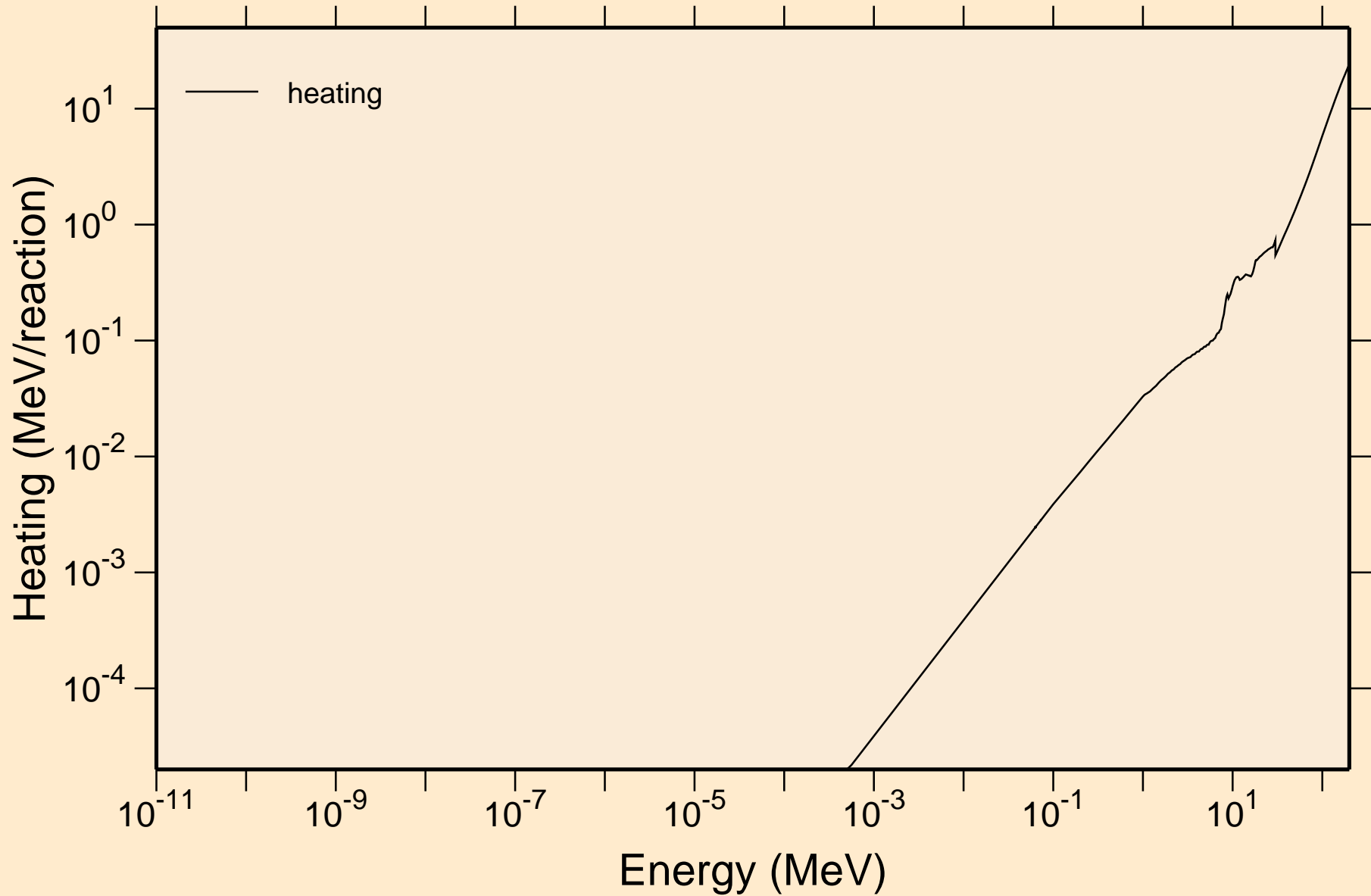


# CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

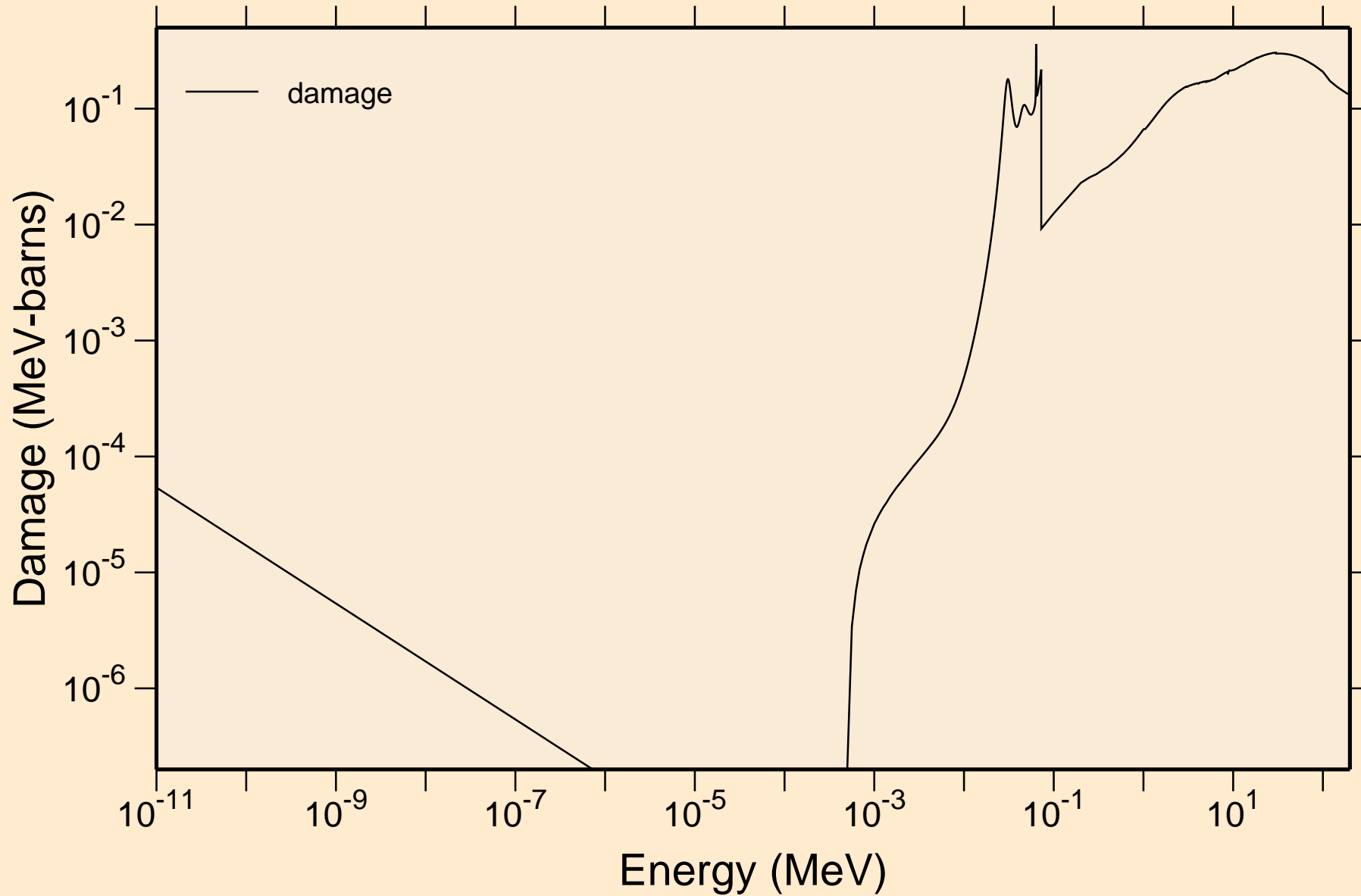
## Principal cross sections



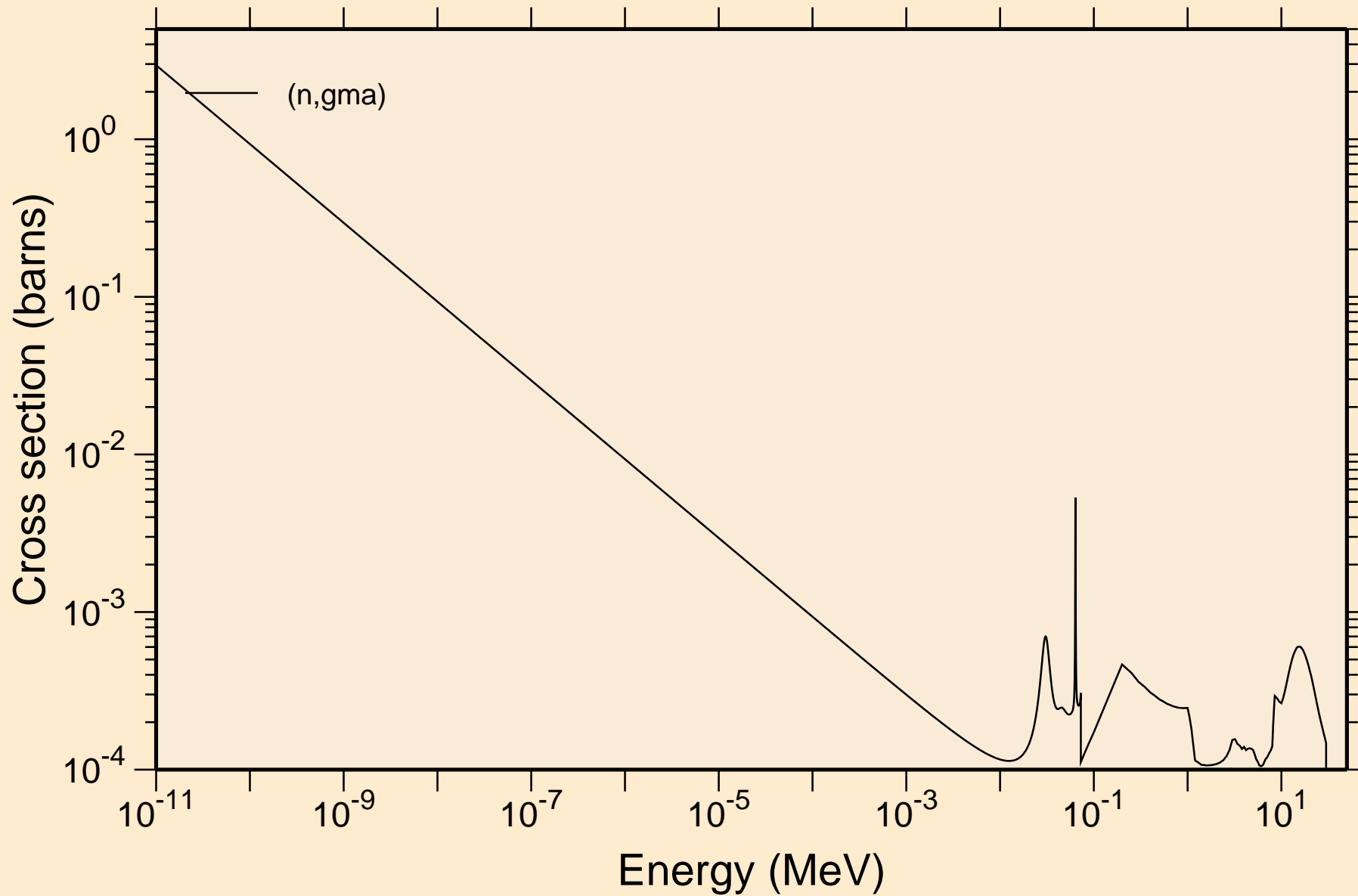
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage

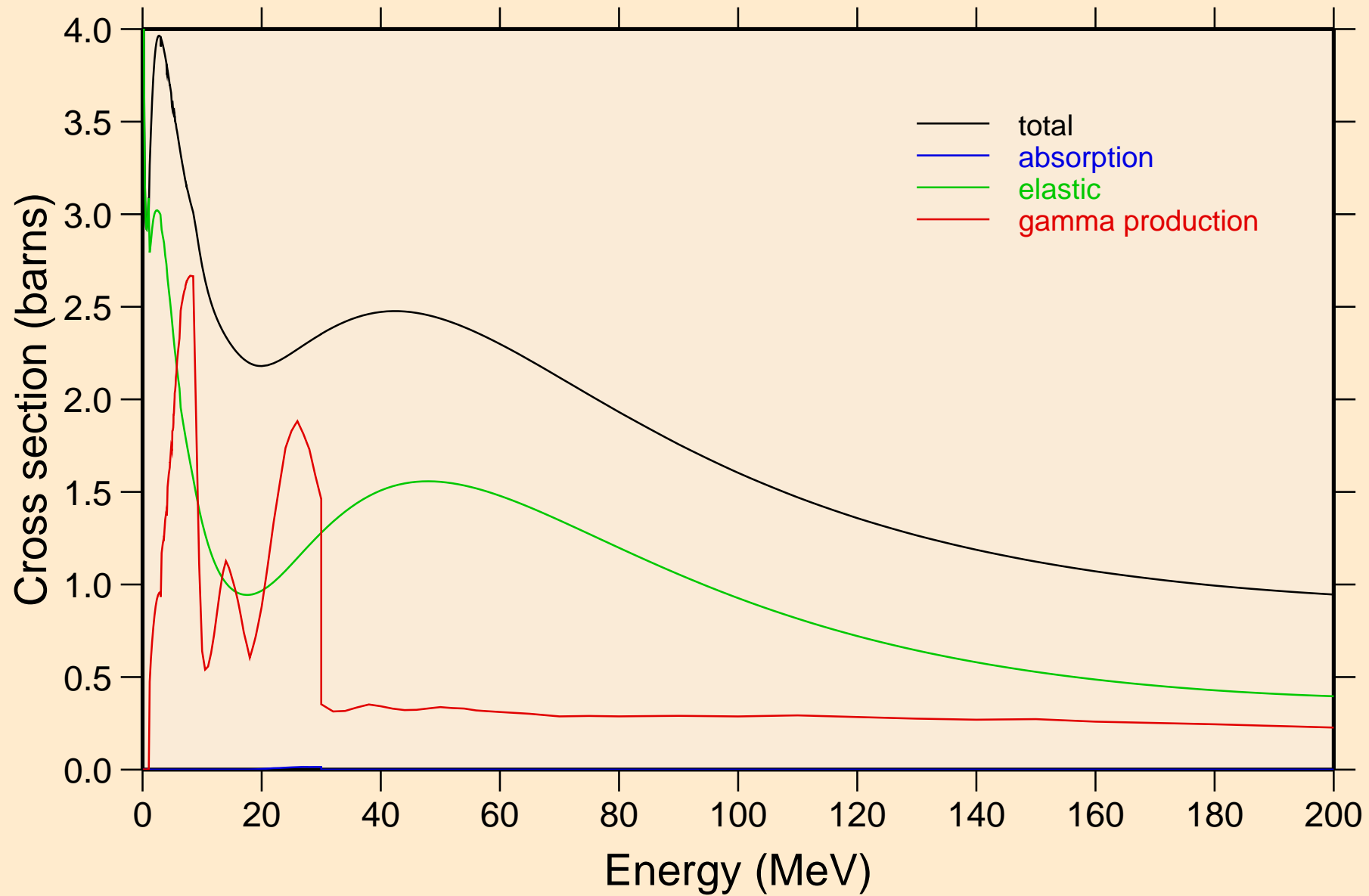


CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions

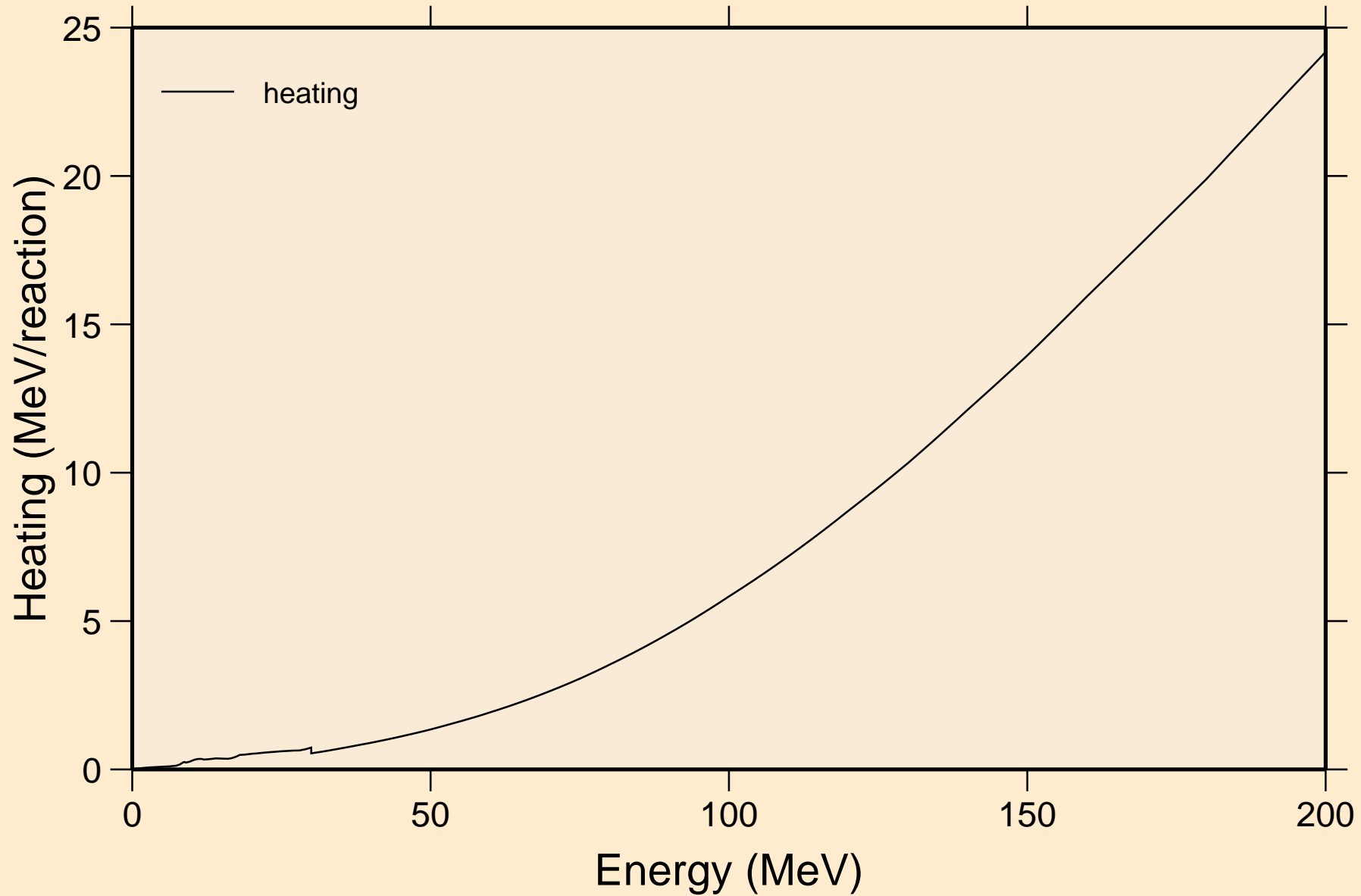


# CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

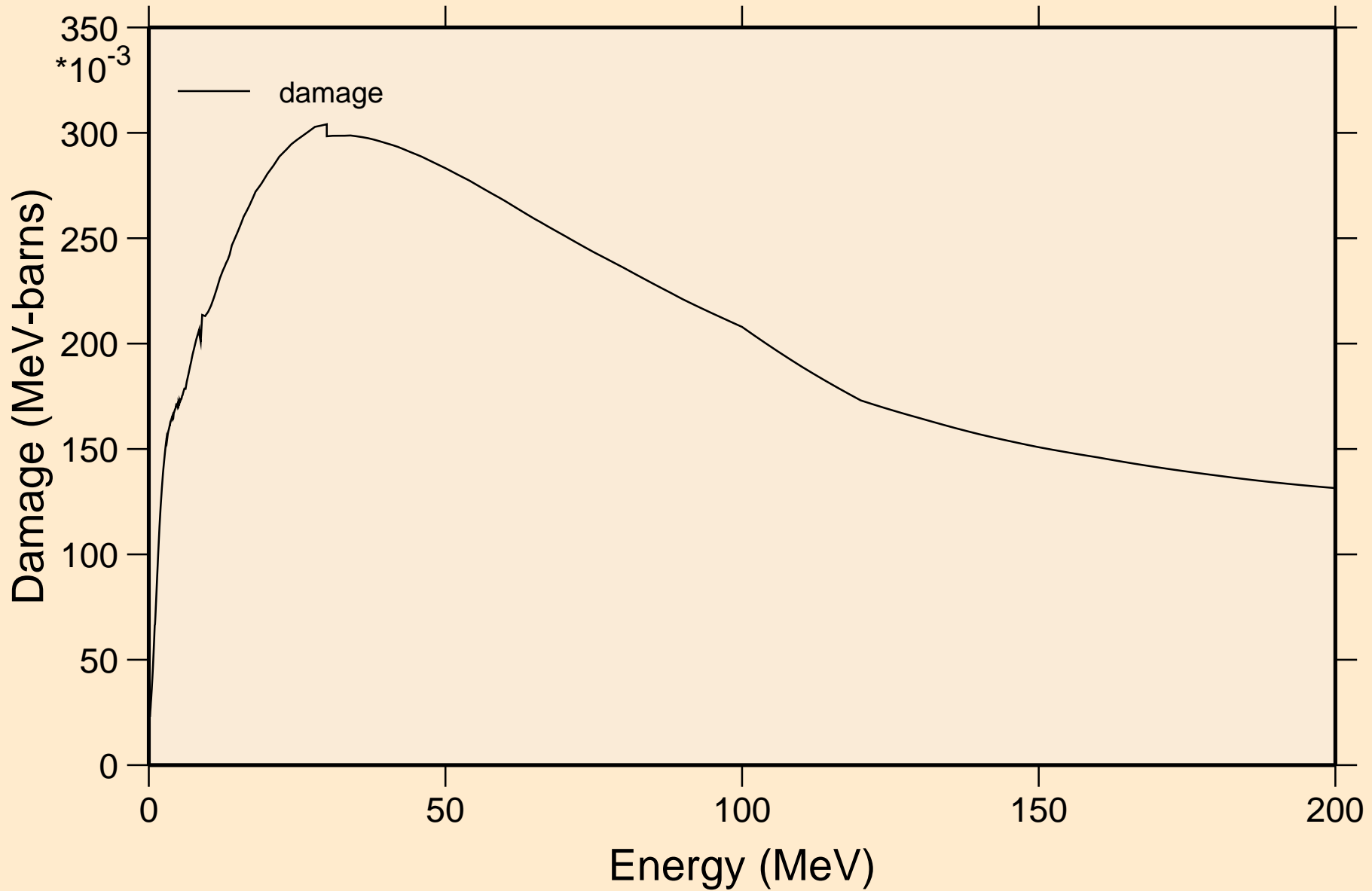
## Principal cross sections



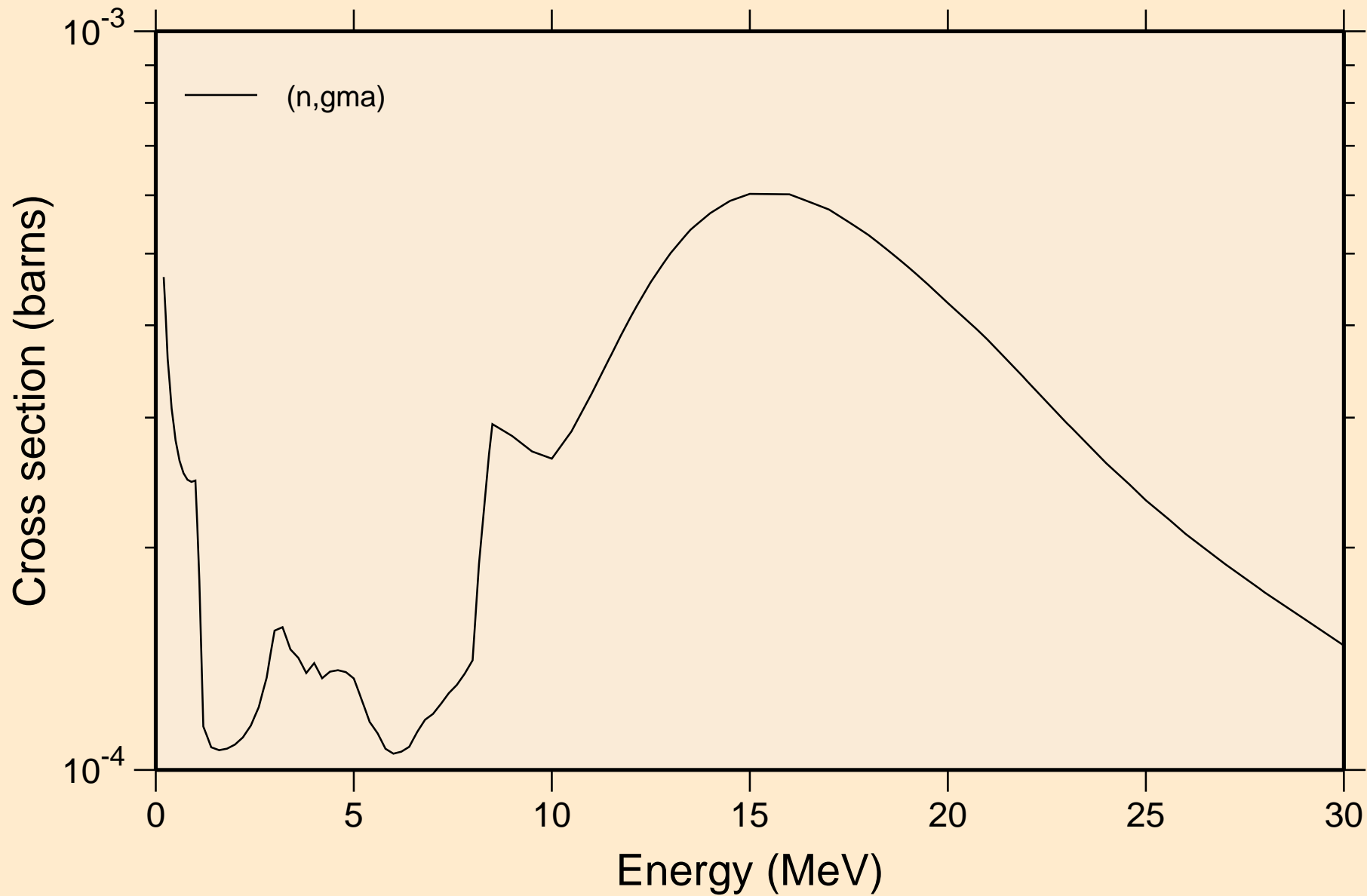
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



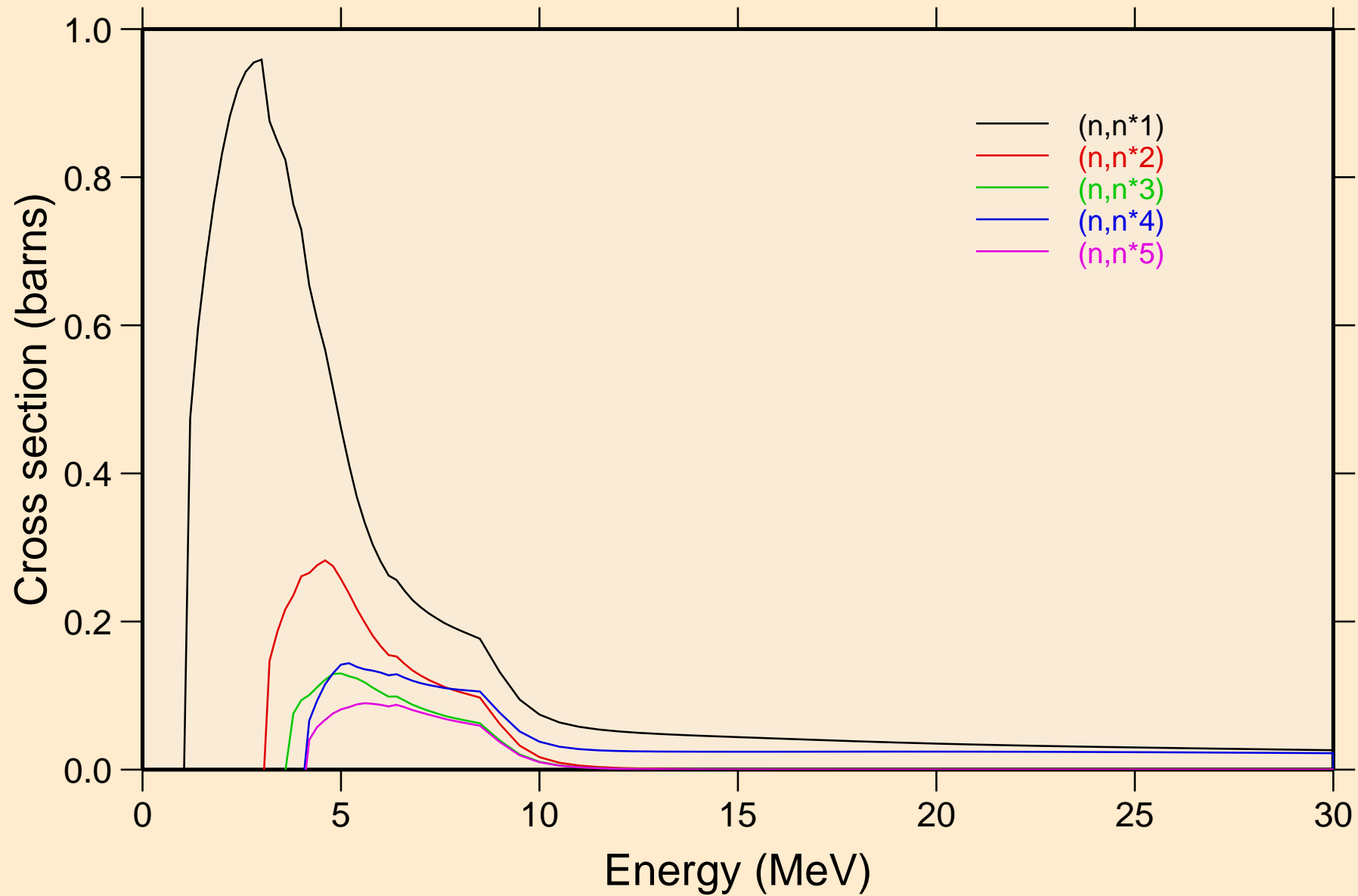
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Damage



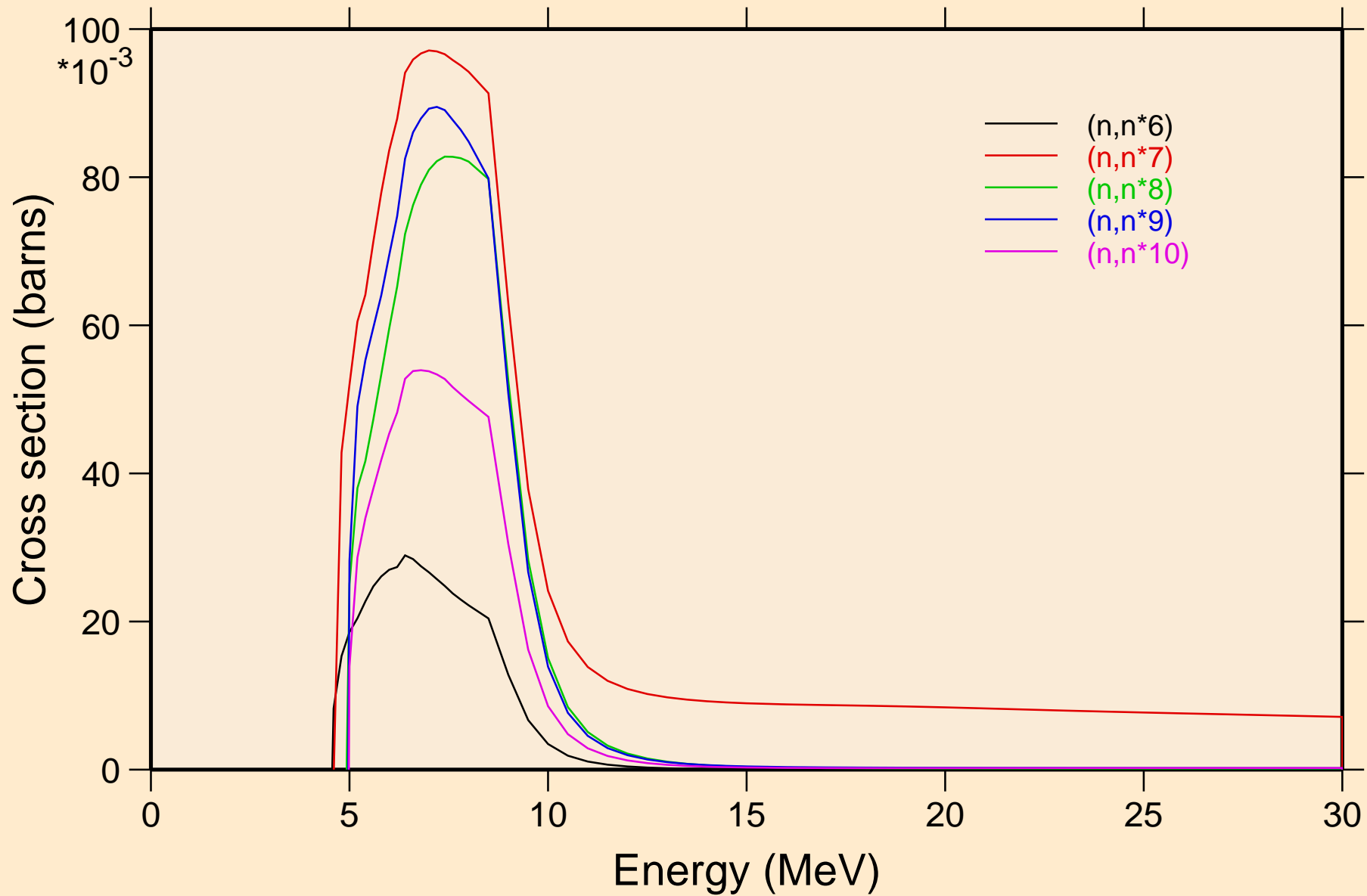
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Non-threshold reactions



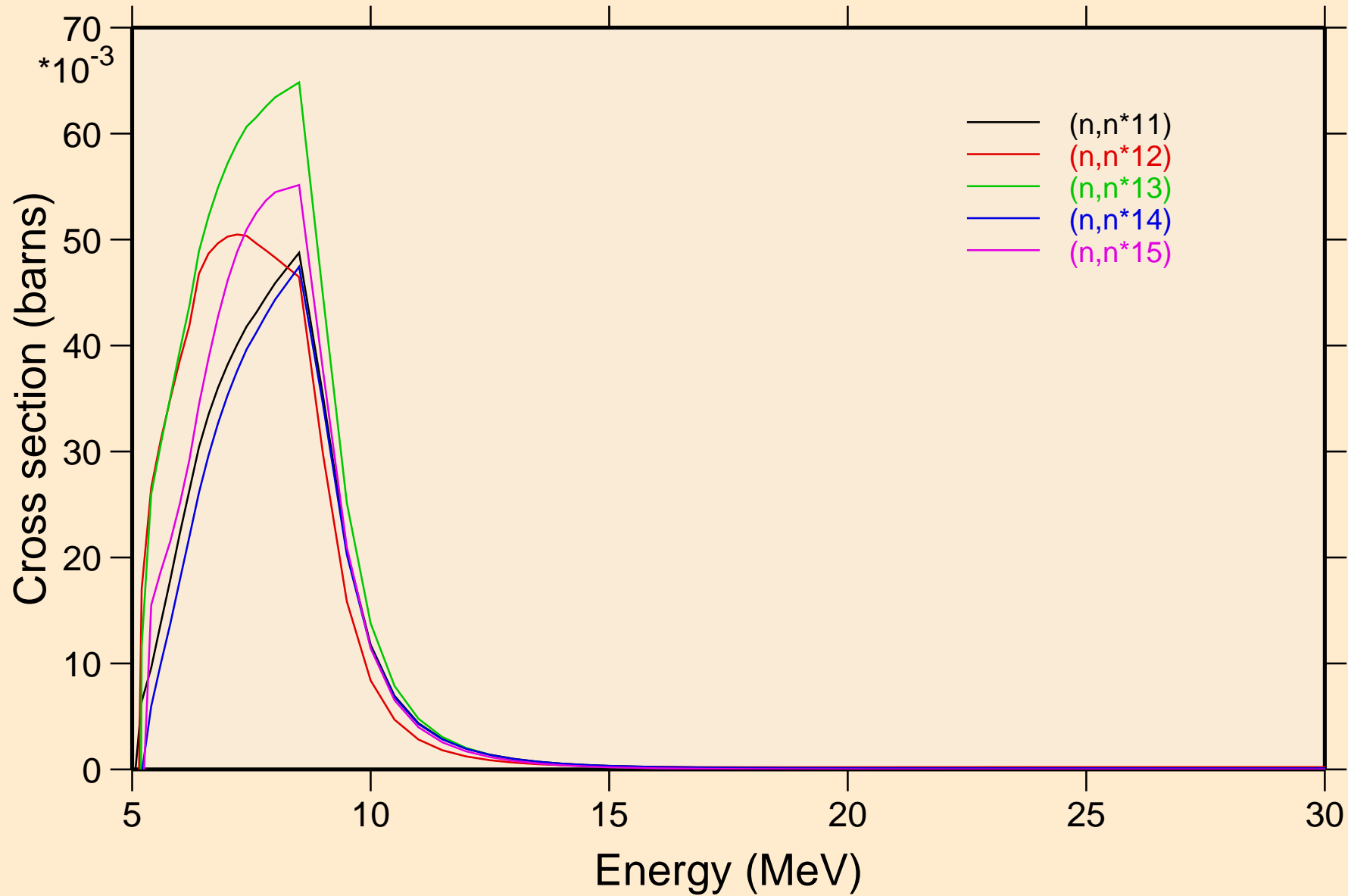
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



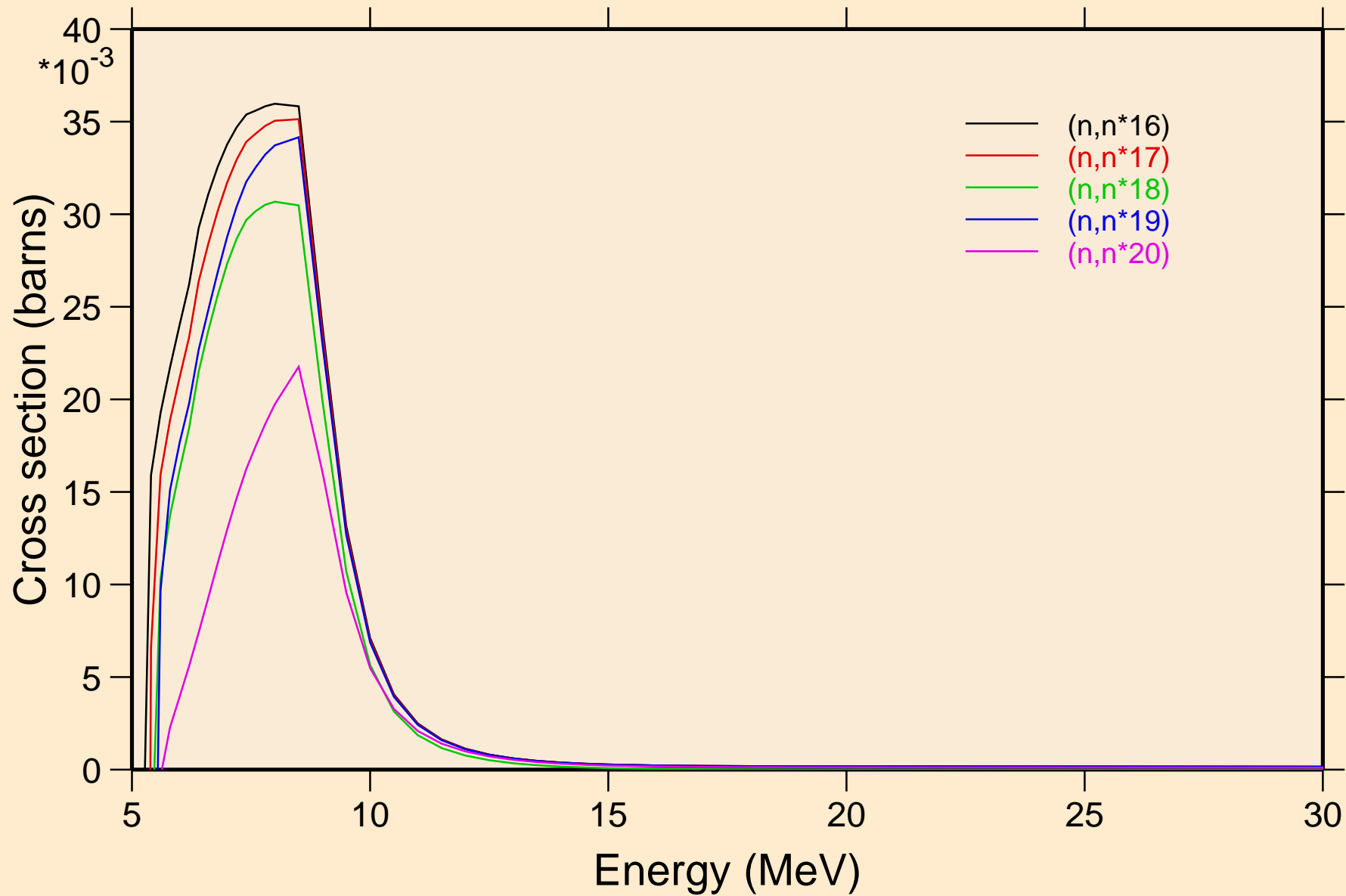
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



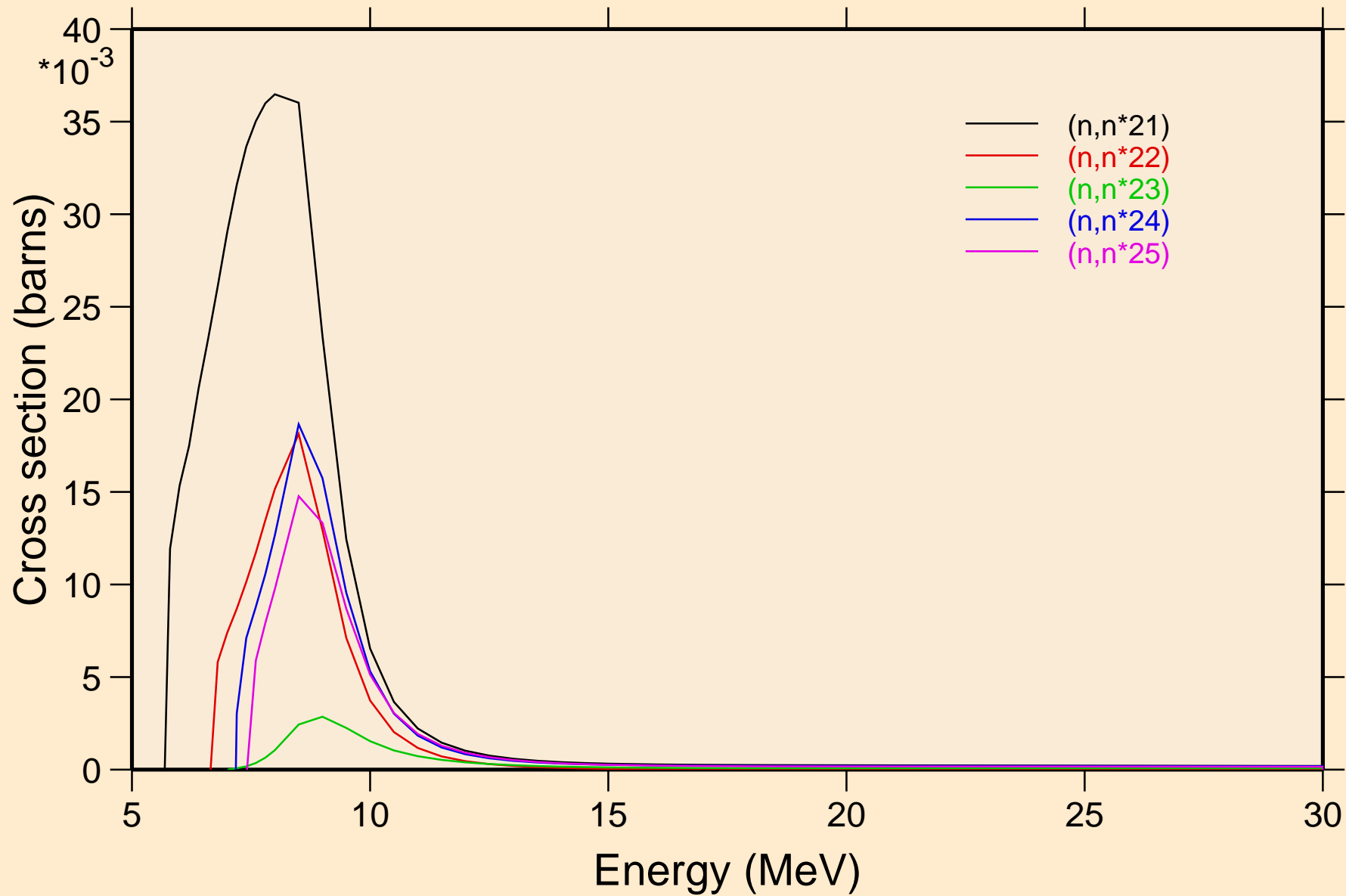
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



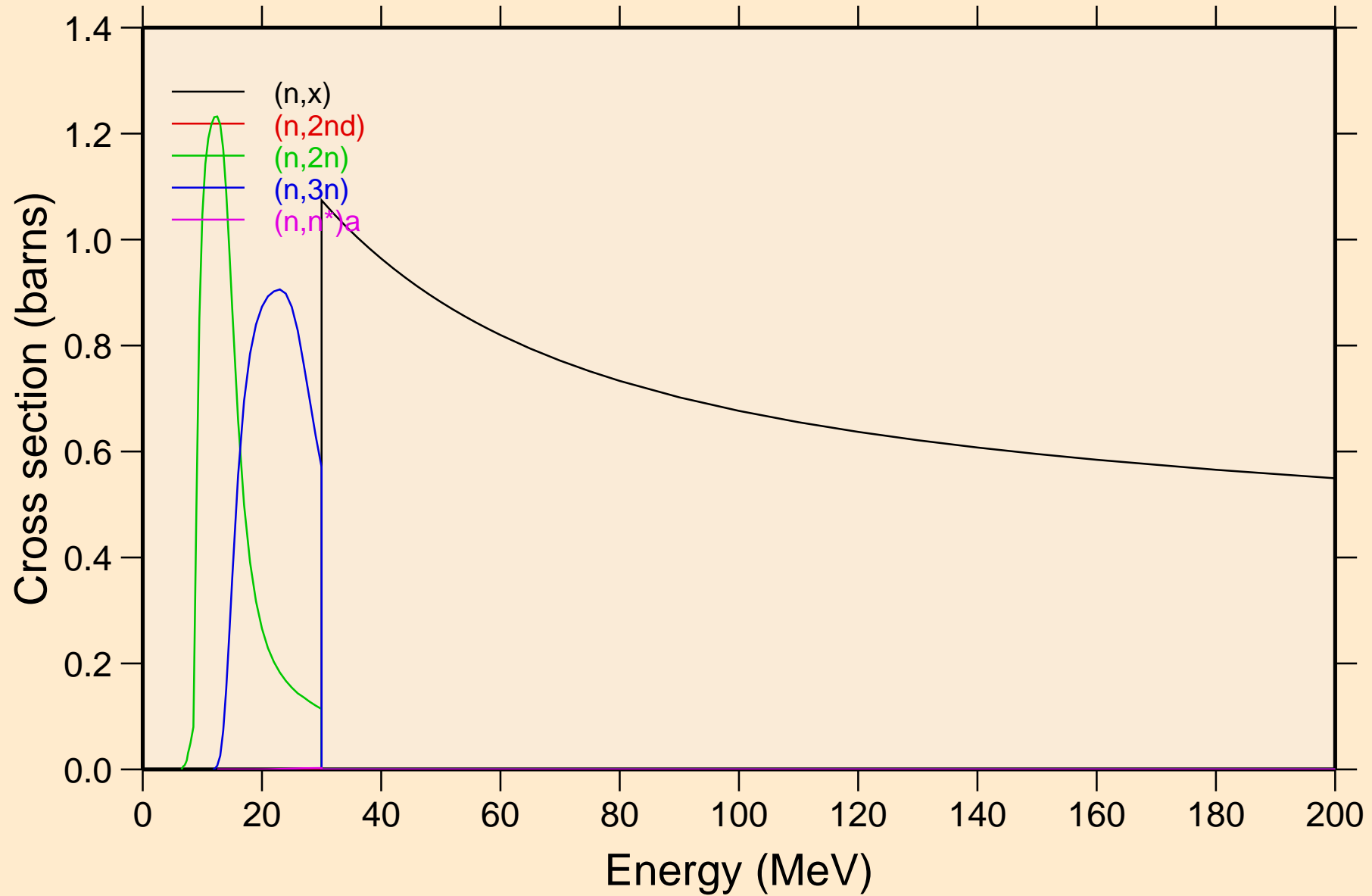
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels



CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Inelastic levels

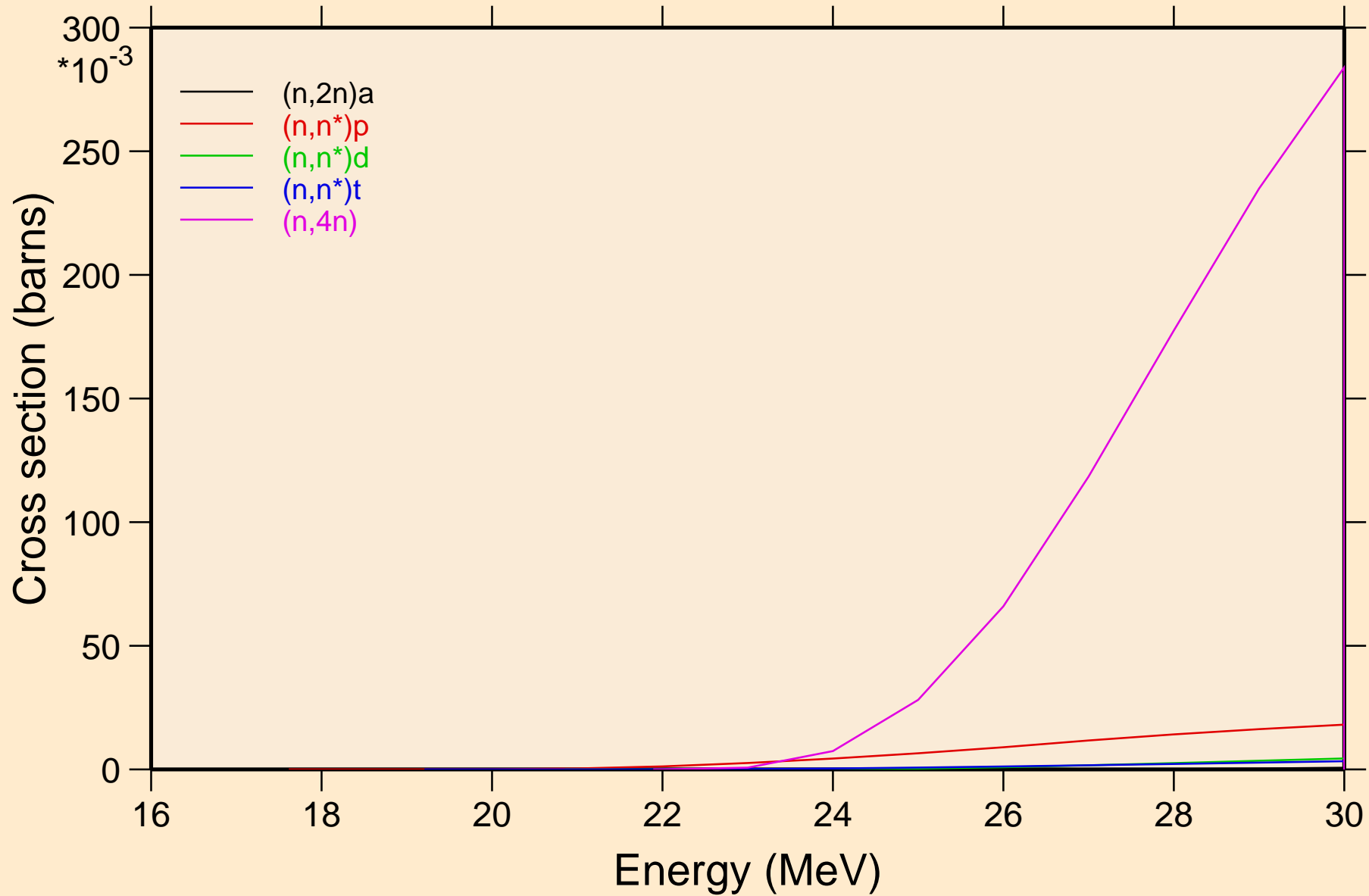


CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

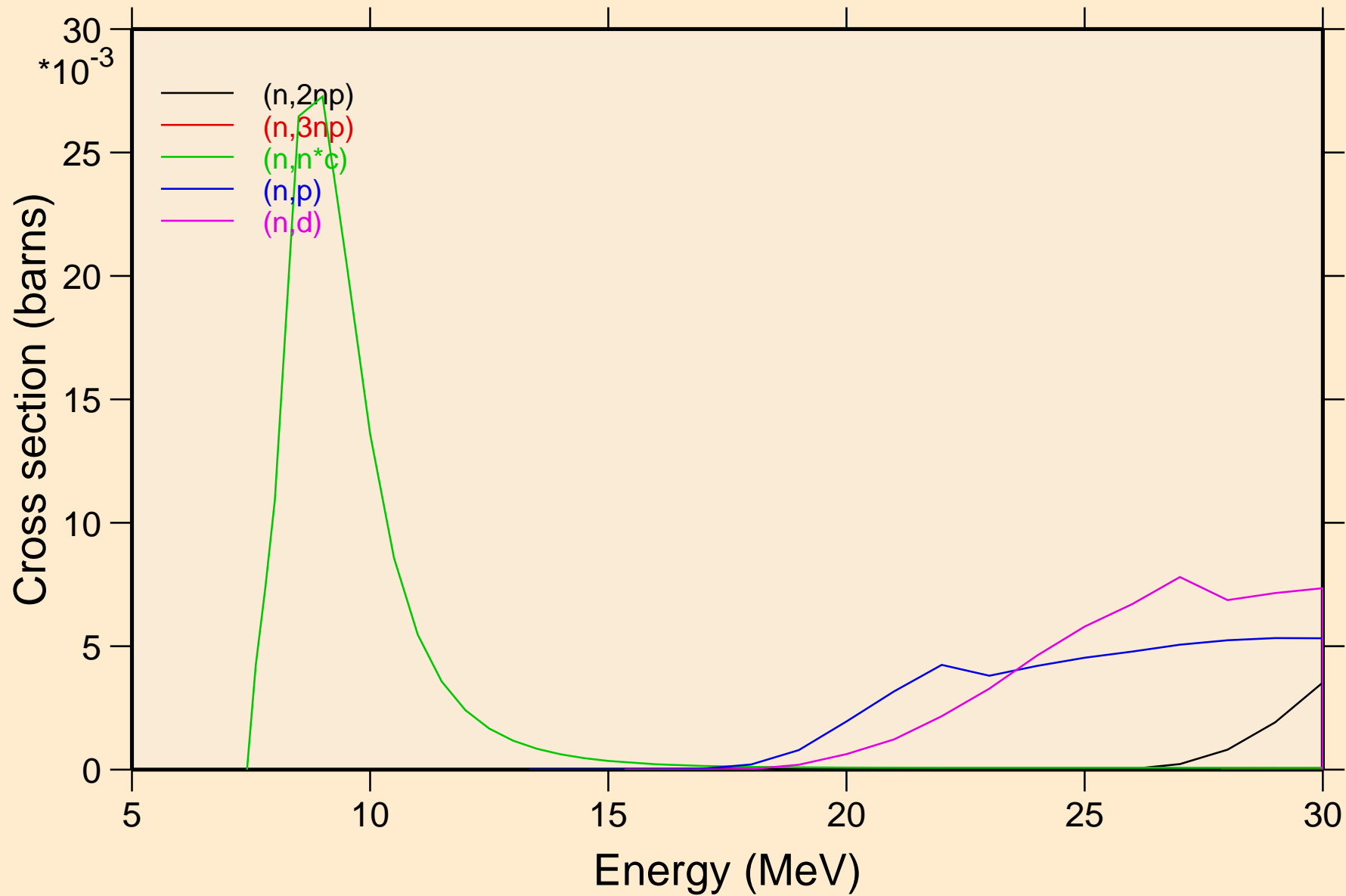


# CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

## Threshold reactions

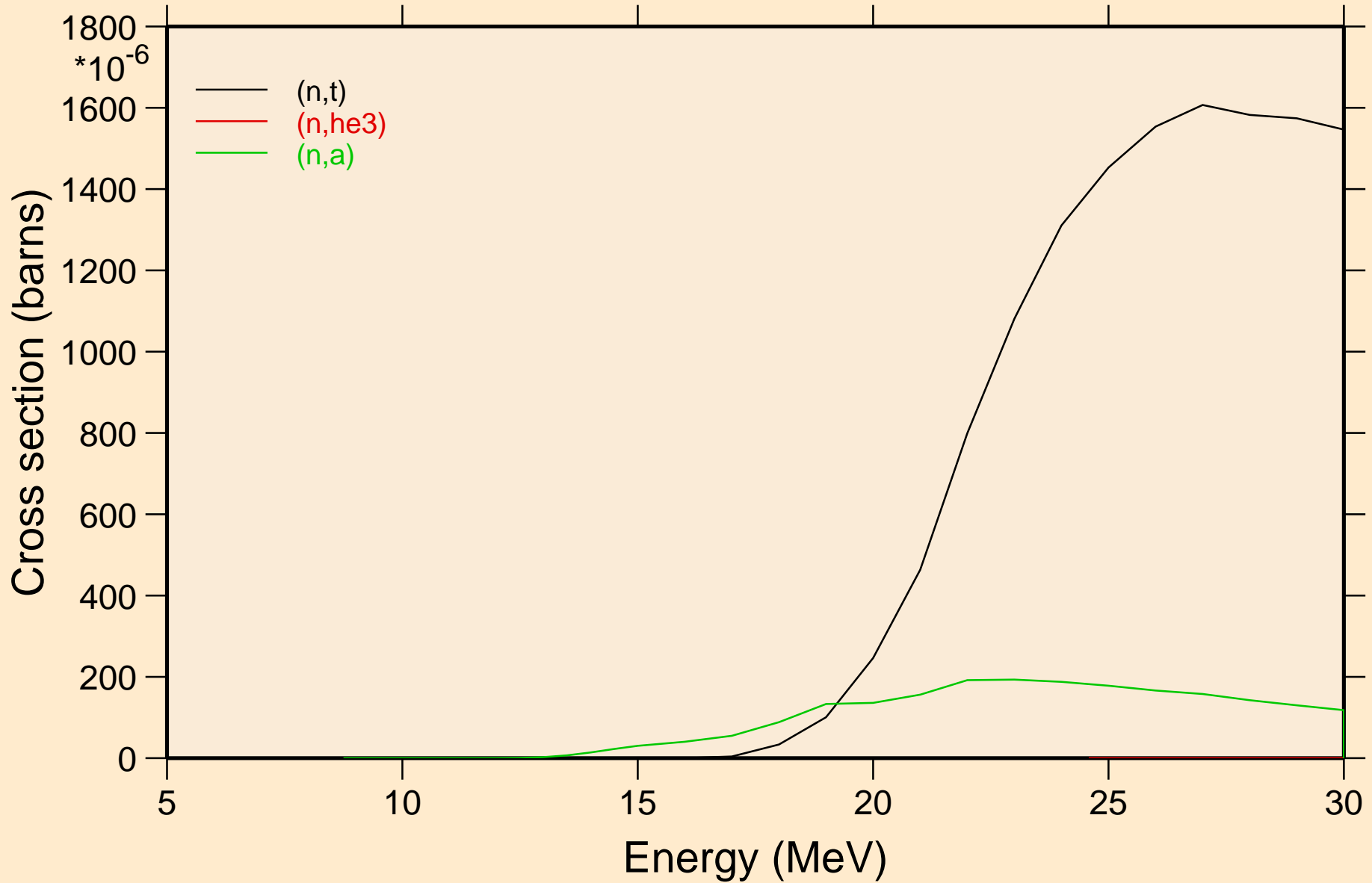


CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions

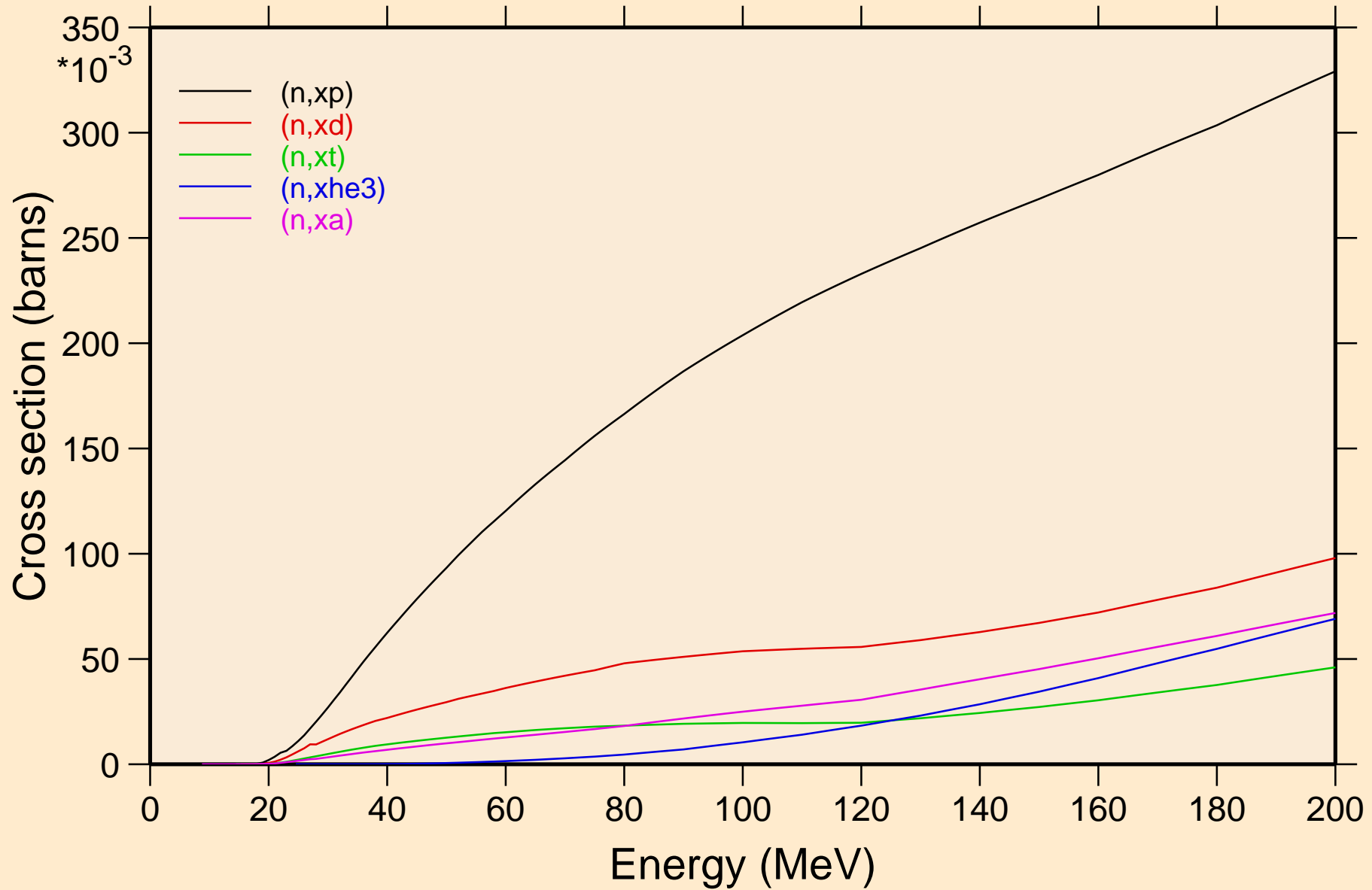


# CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

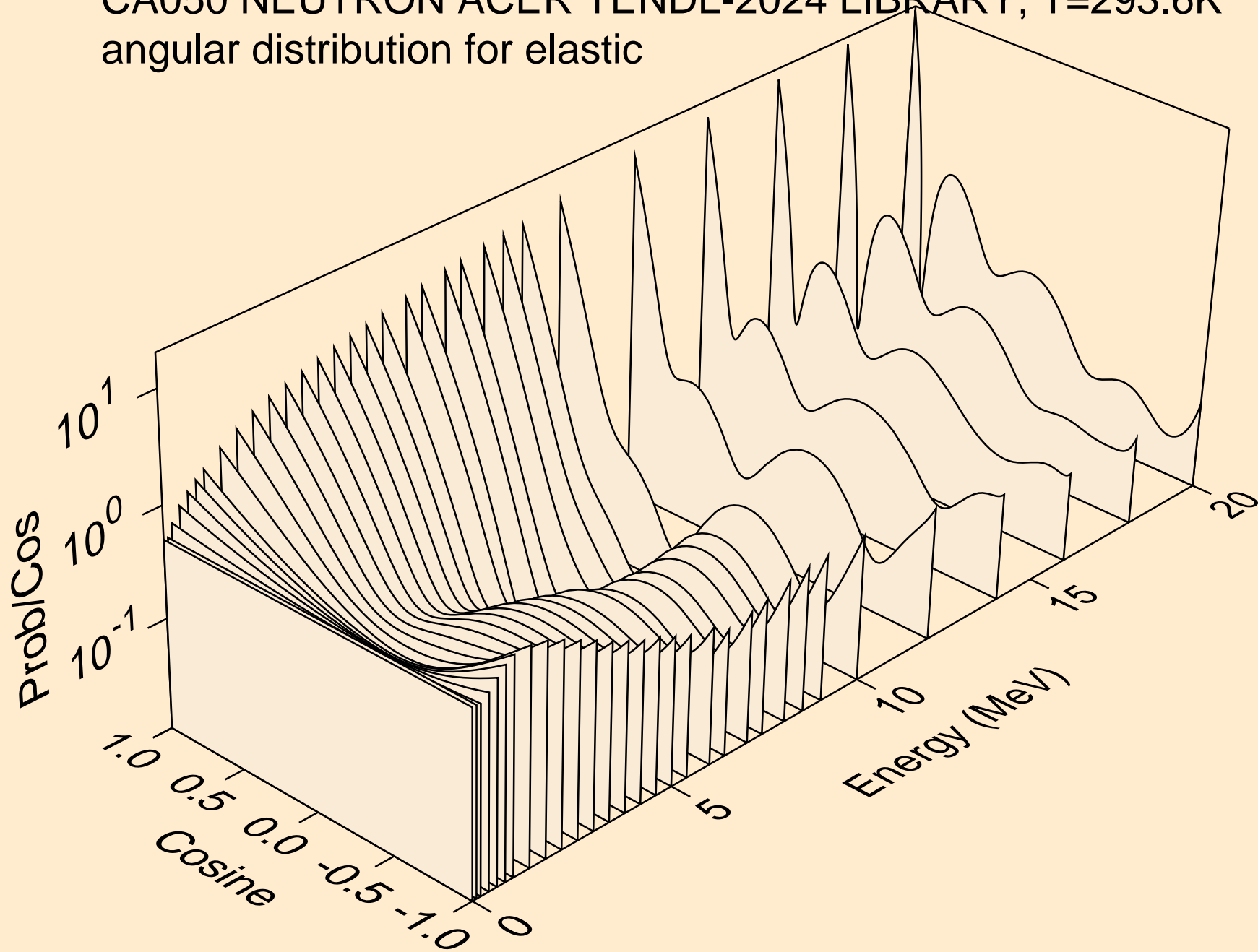
## Threshold reactions



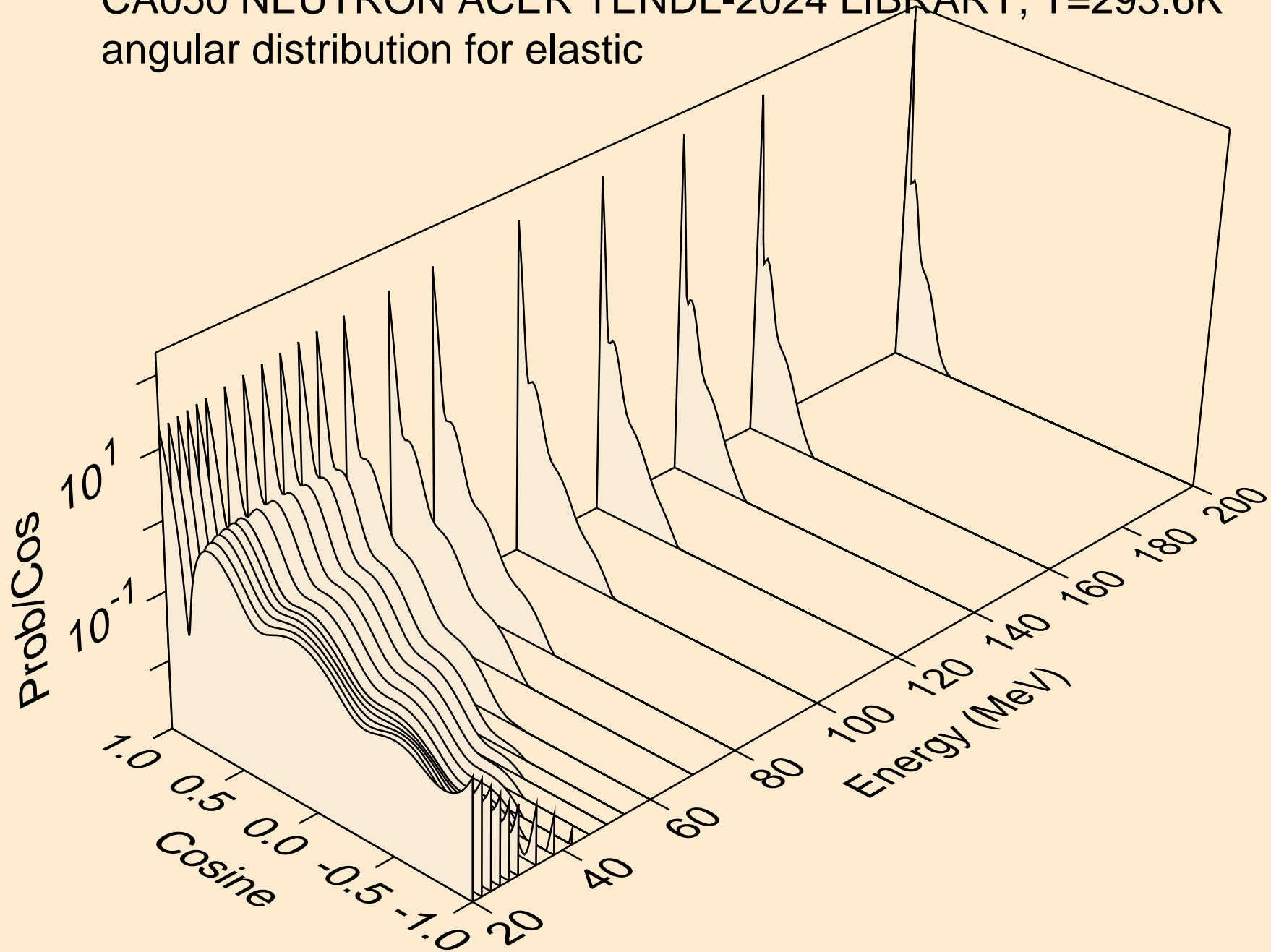
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Threshold reactions



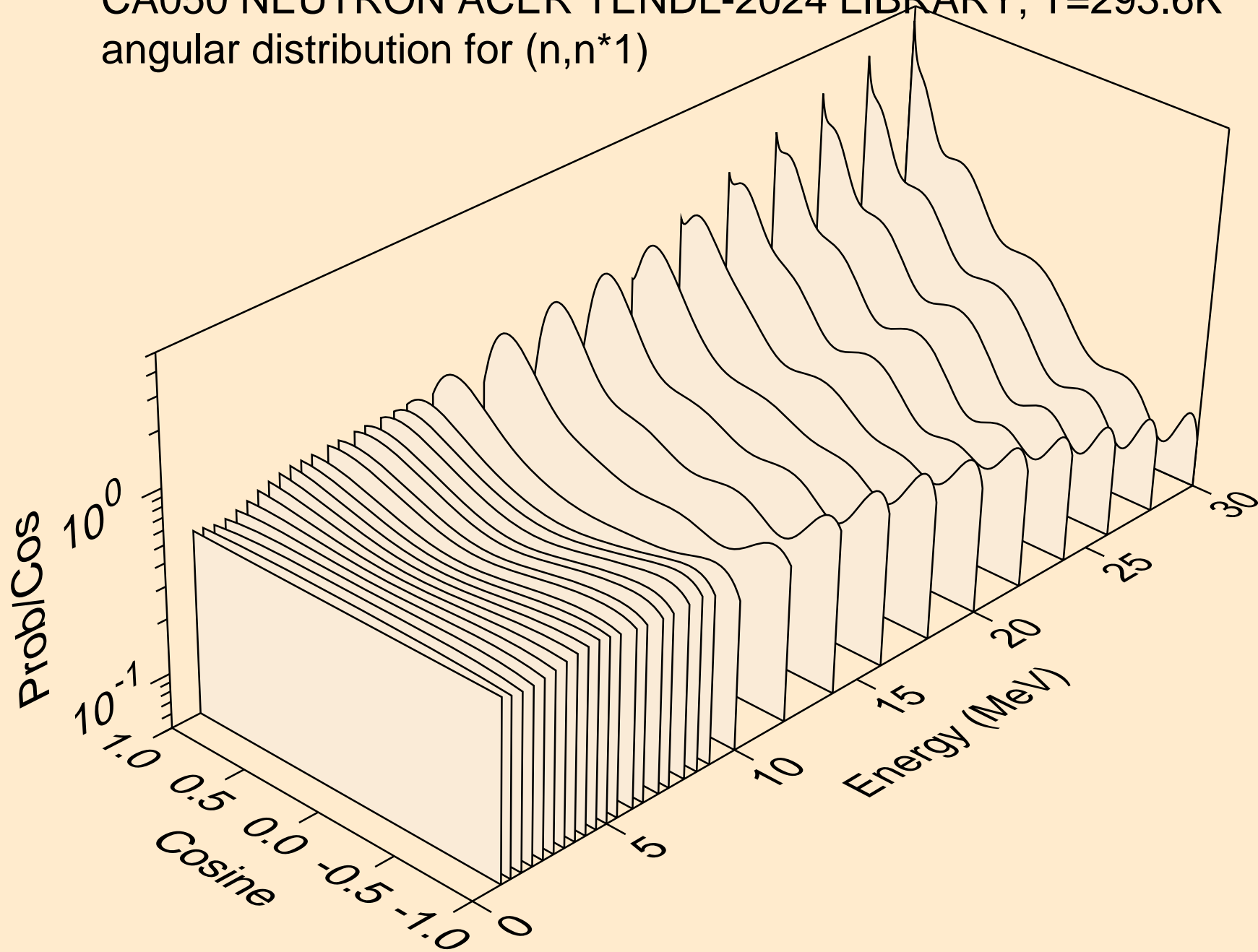
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



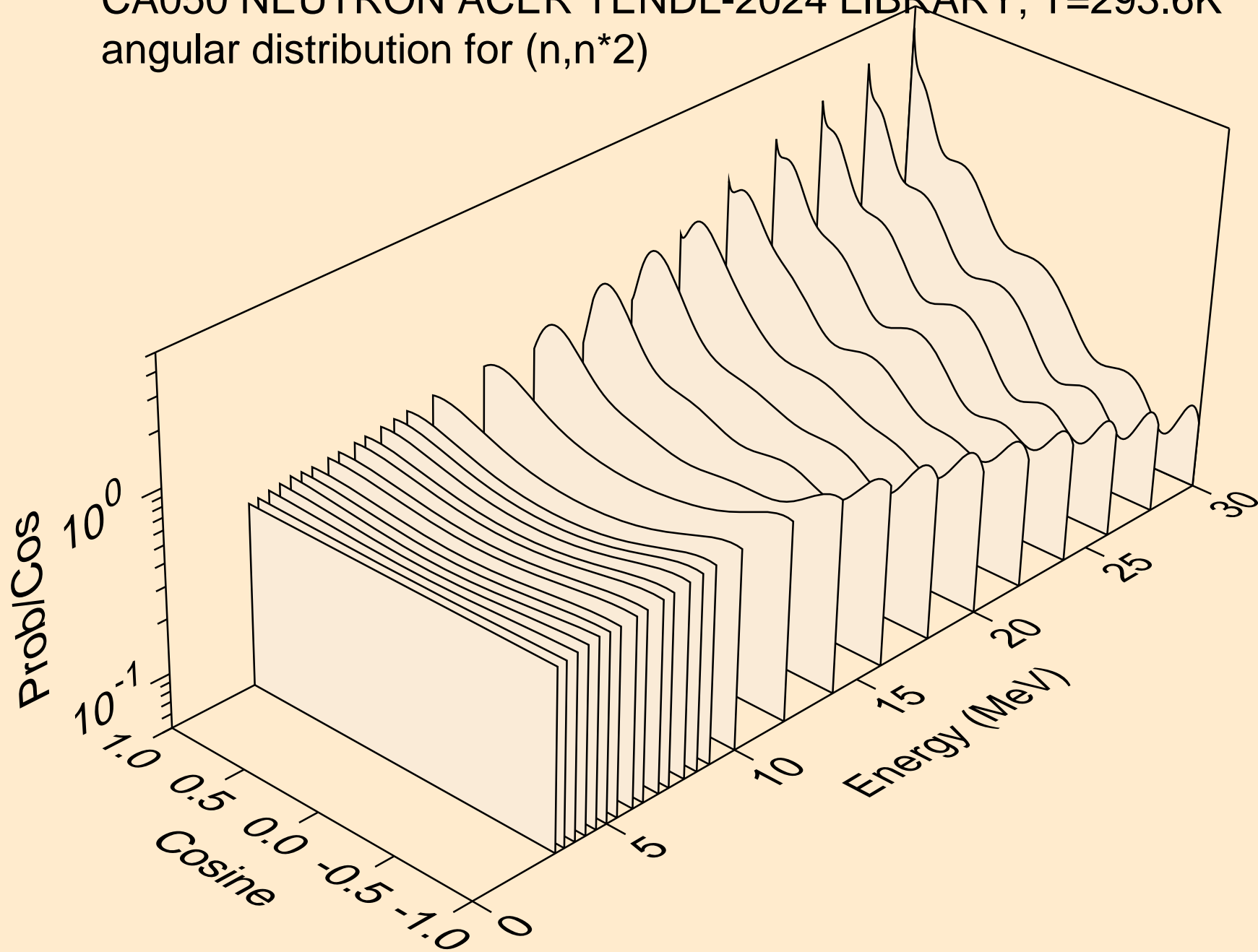
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for elastic



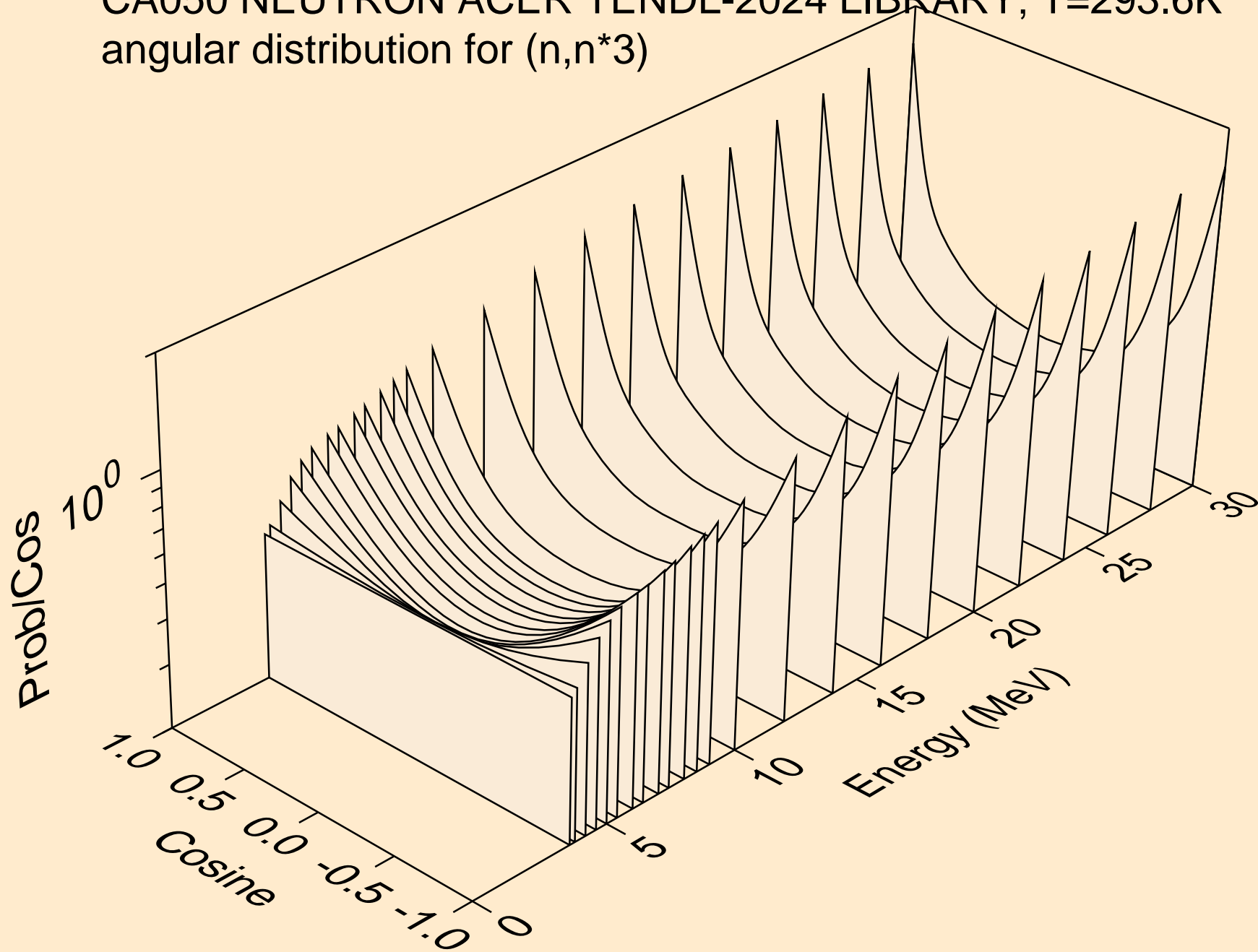
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
angular distribution for (n,n\*1)



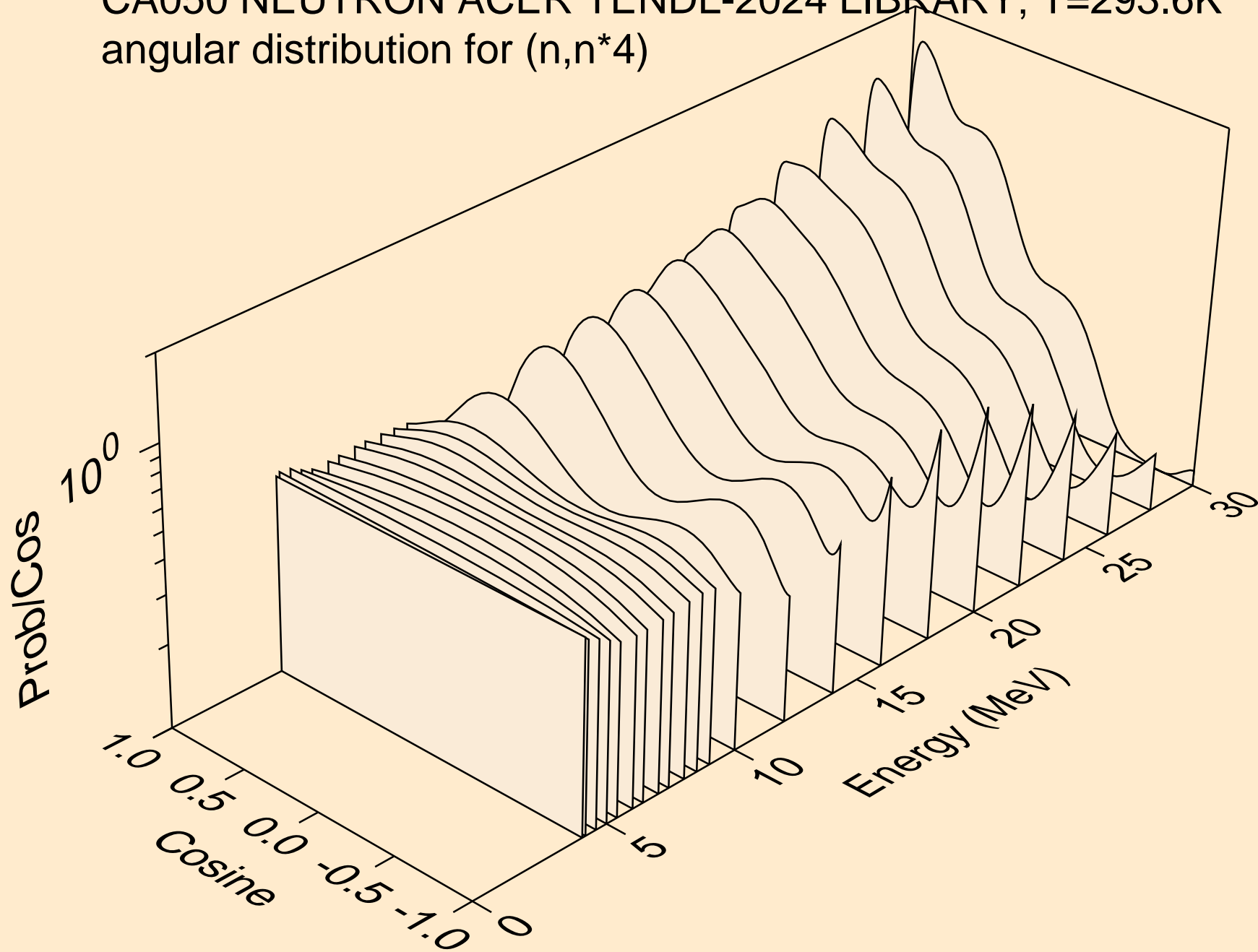
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angular distribution for (n,n\*2)



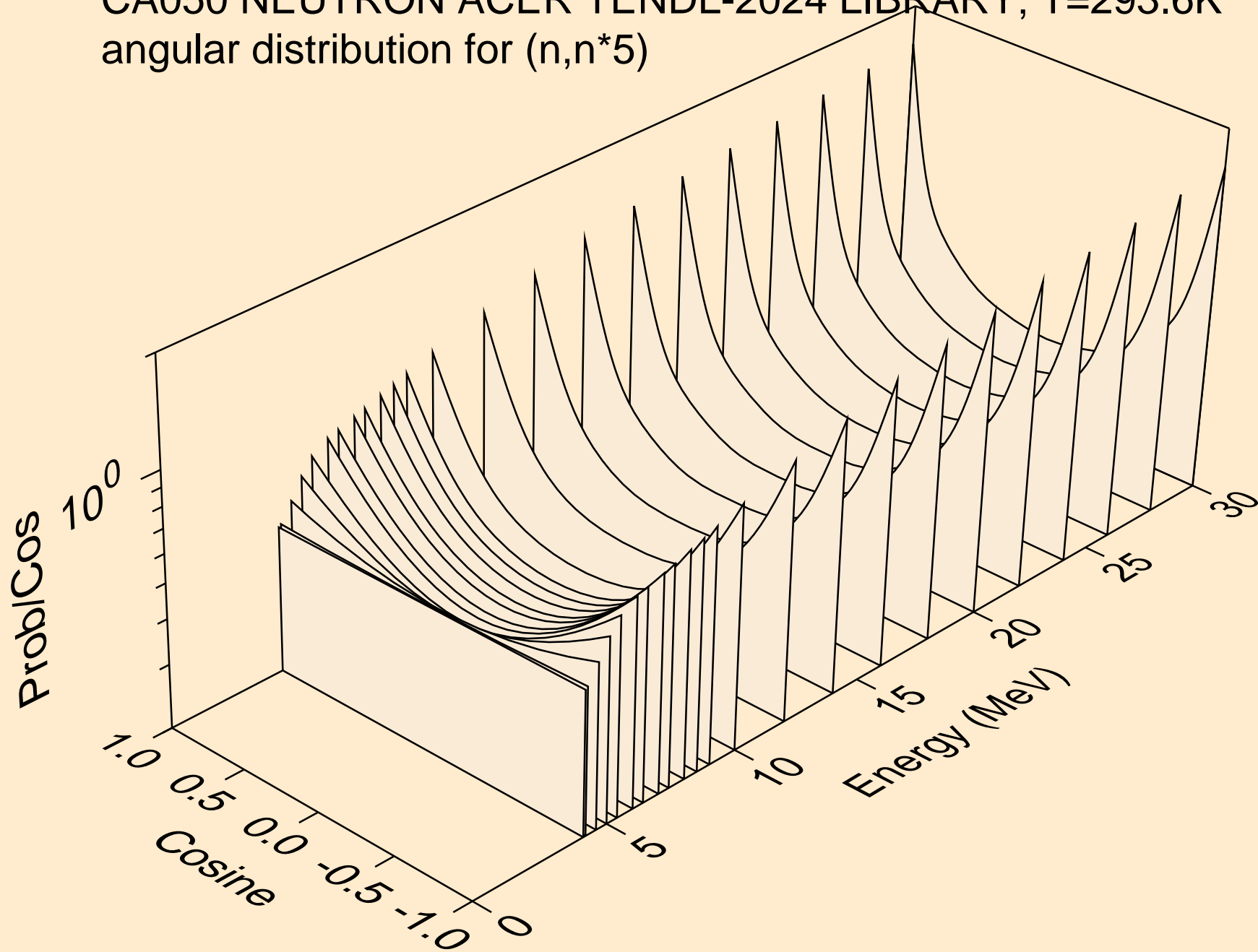
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angular distribution for (n,n\*3)



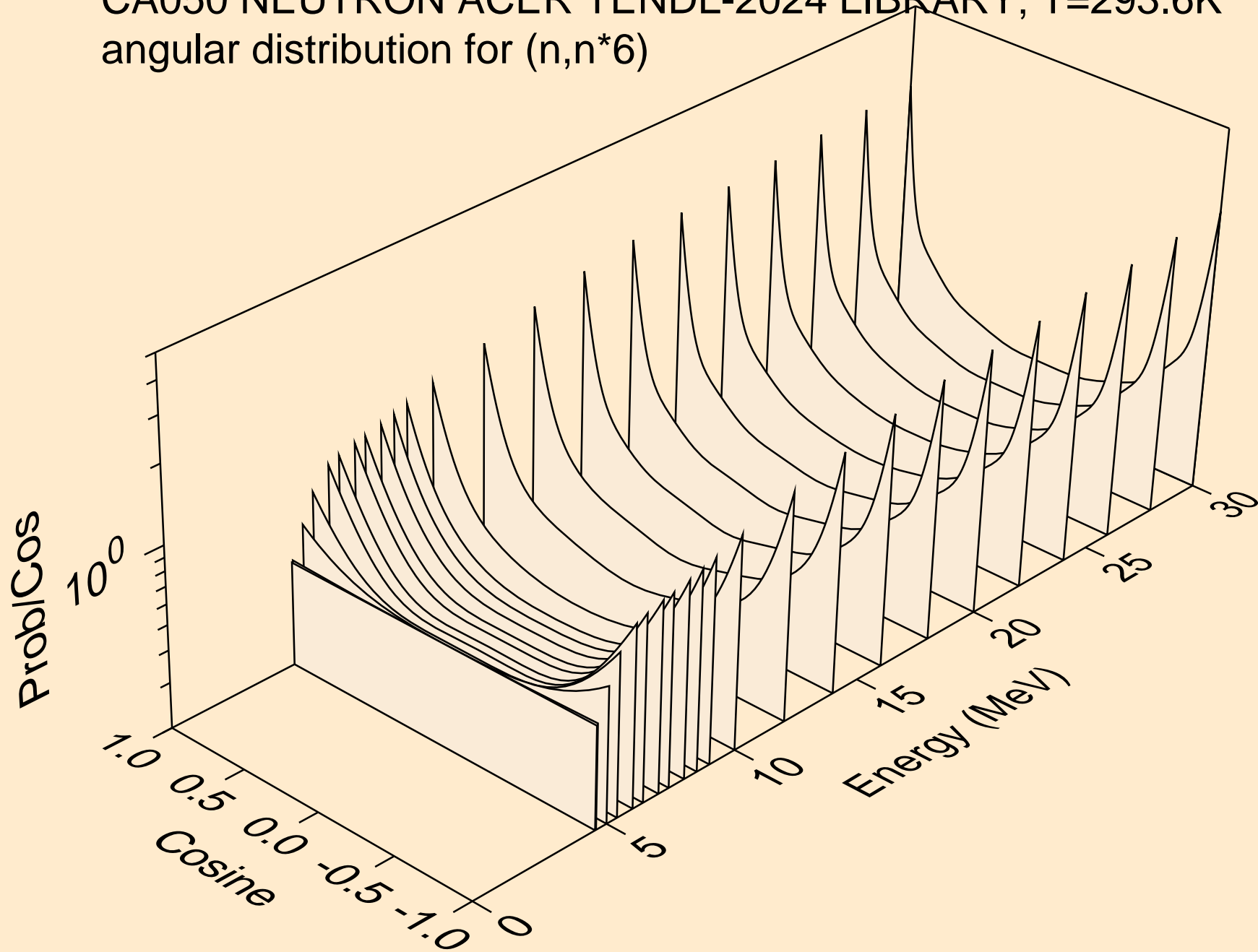
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angular distribution for (n,n\*4)



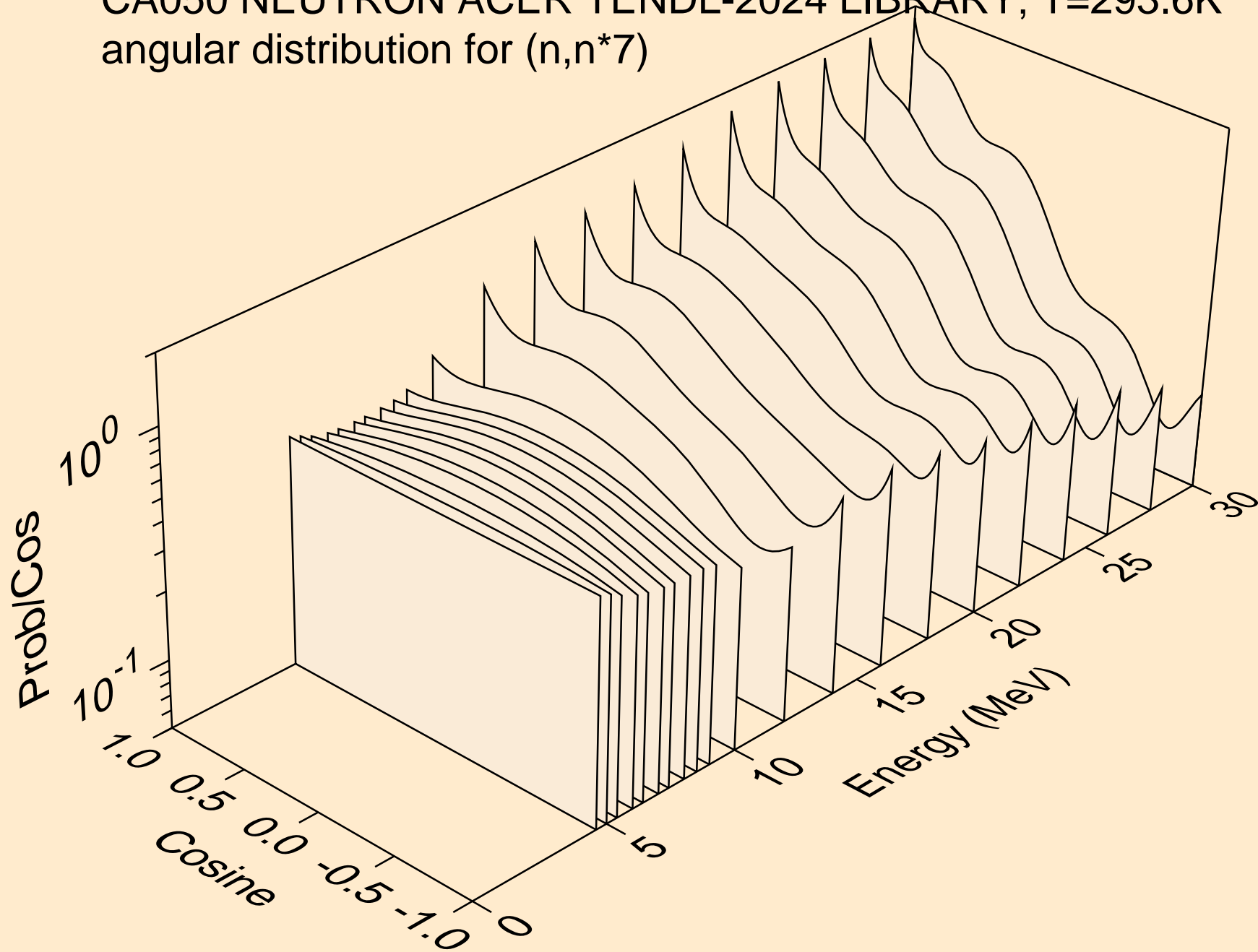
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angular distribution for (n,n\*5)



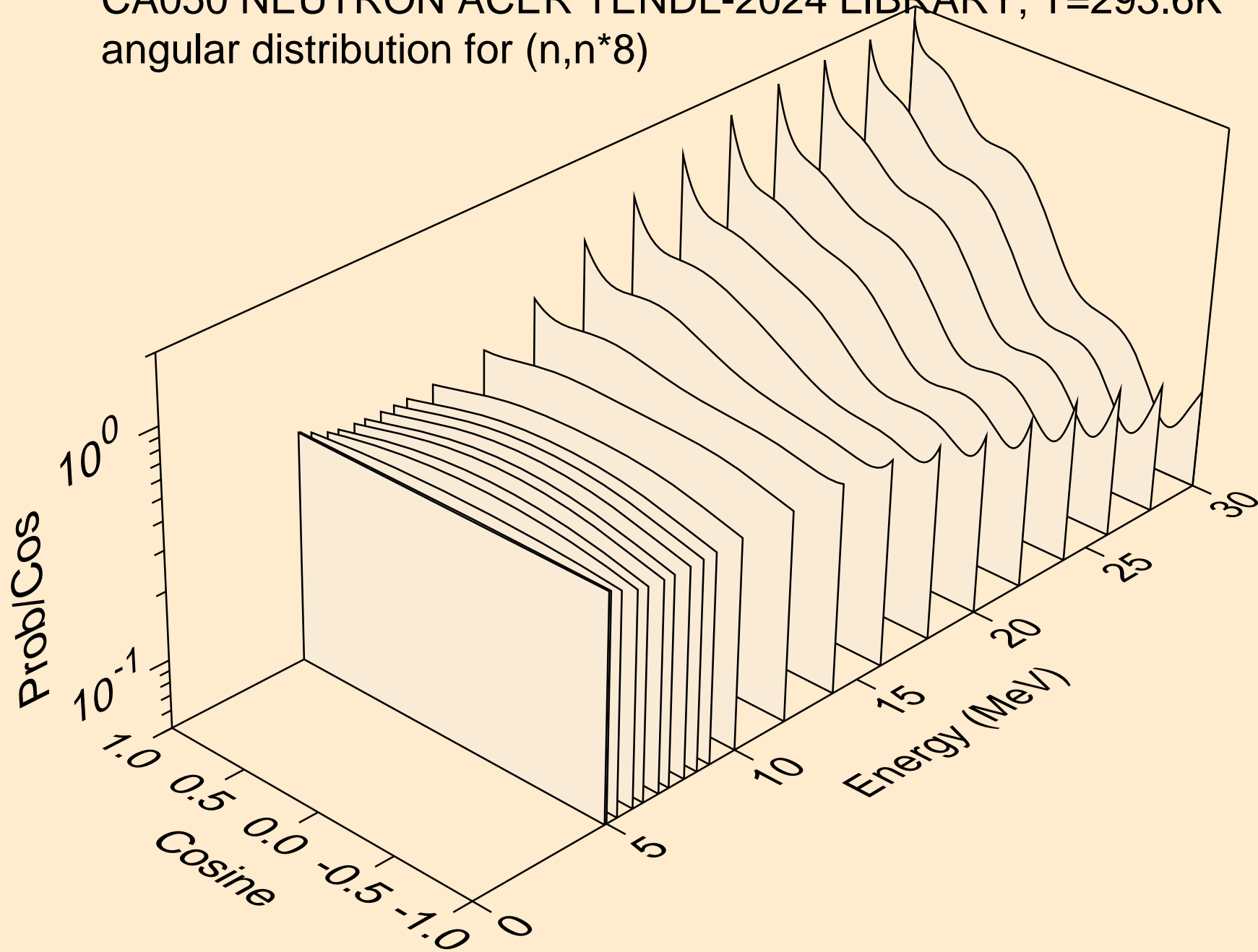
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angular distribution for (n,n\*6)



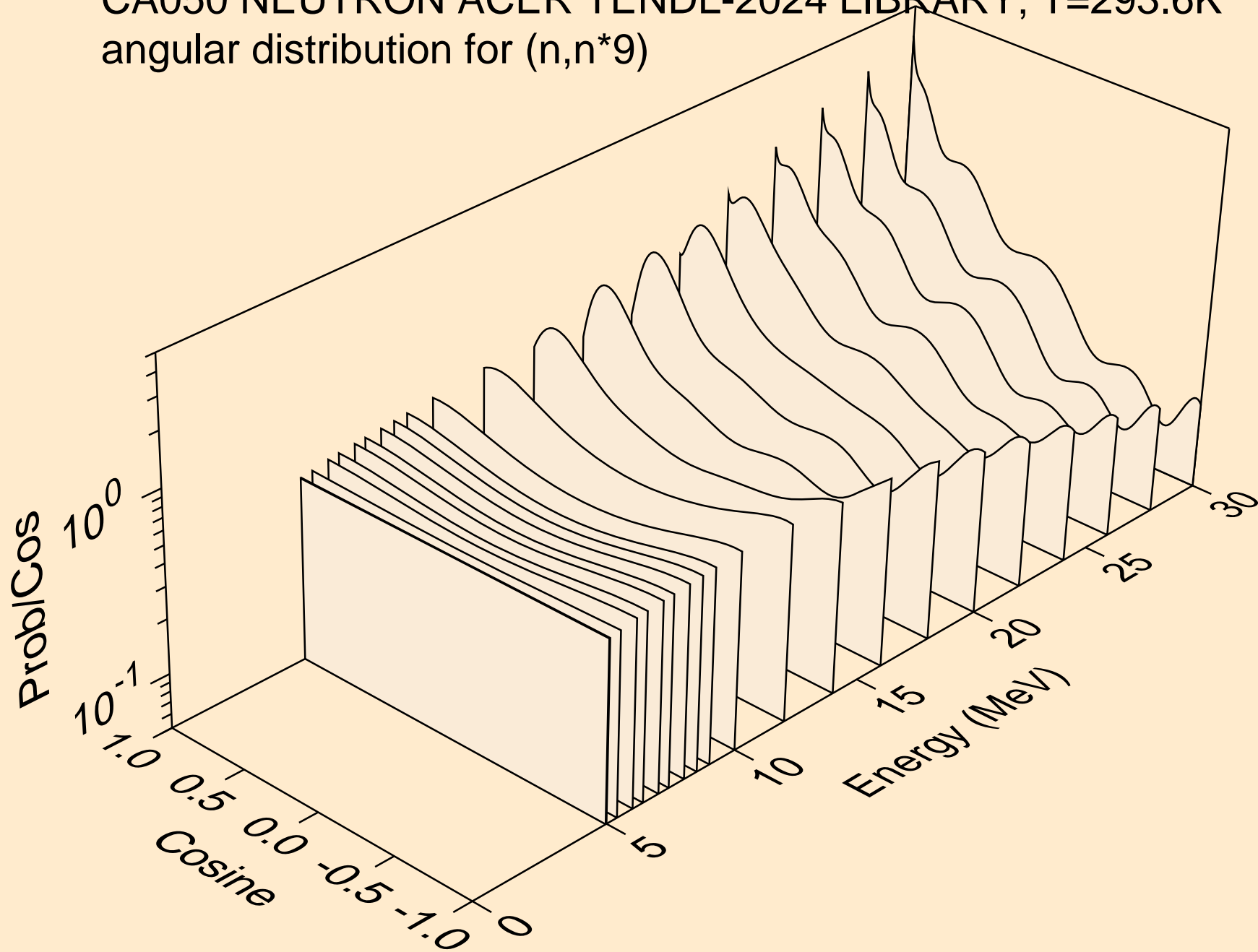
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angular distribution for (n,n\*7)



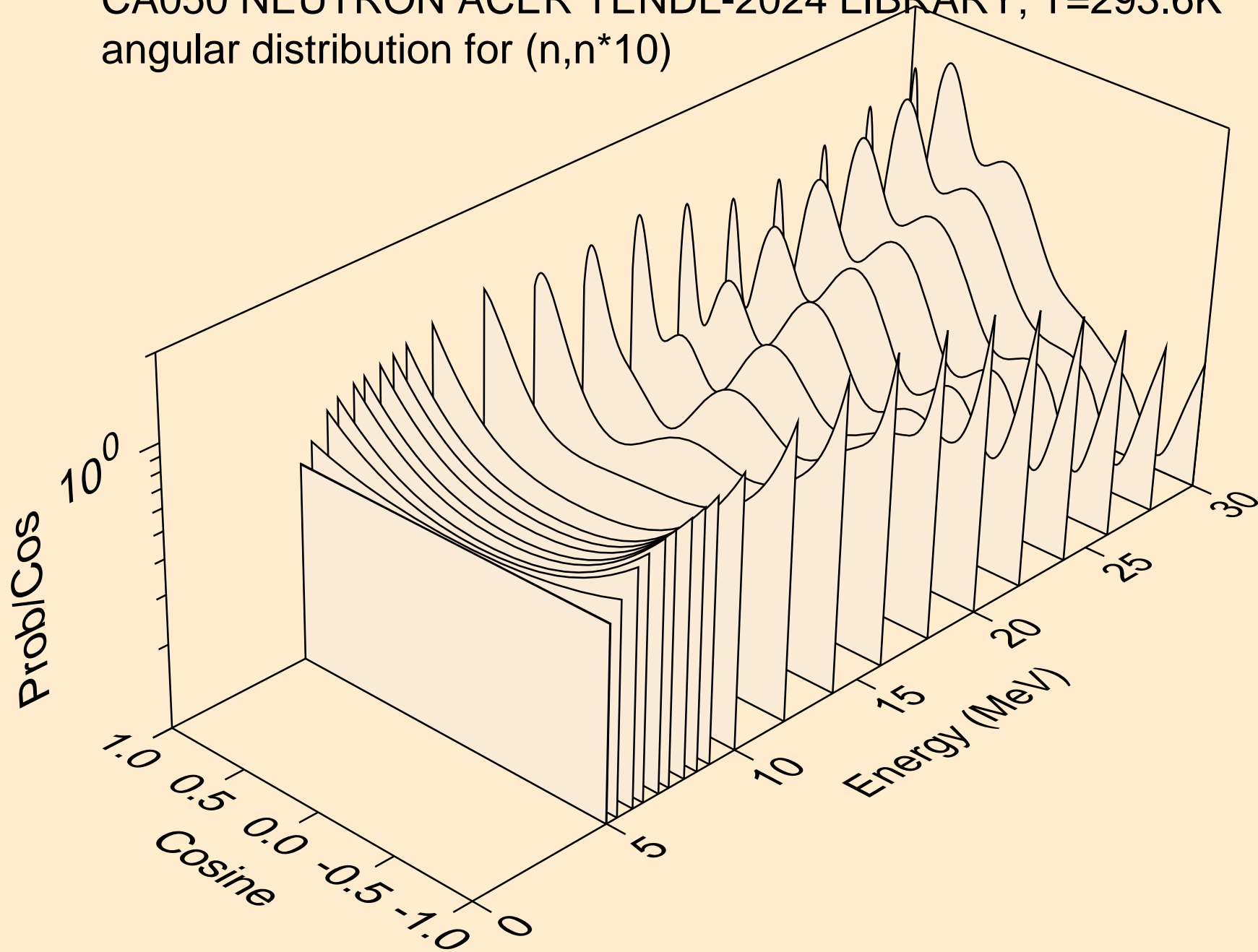
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angular distribution for (n,n\*8)



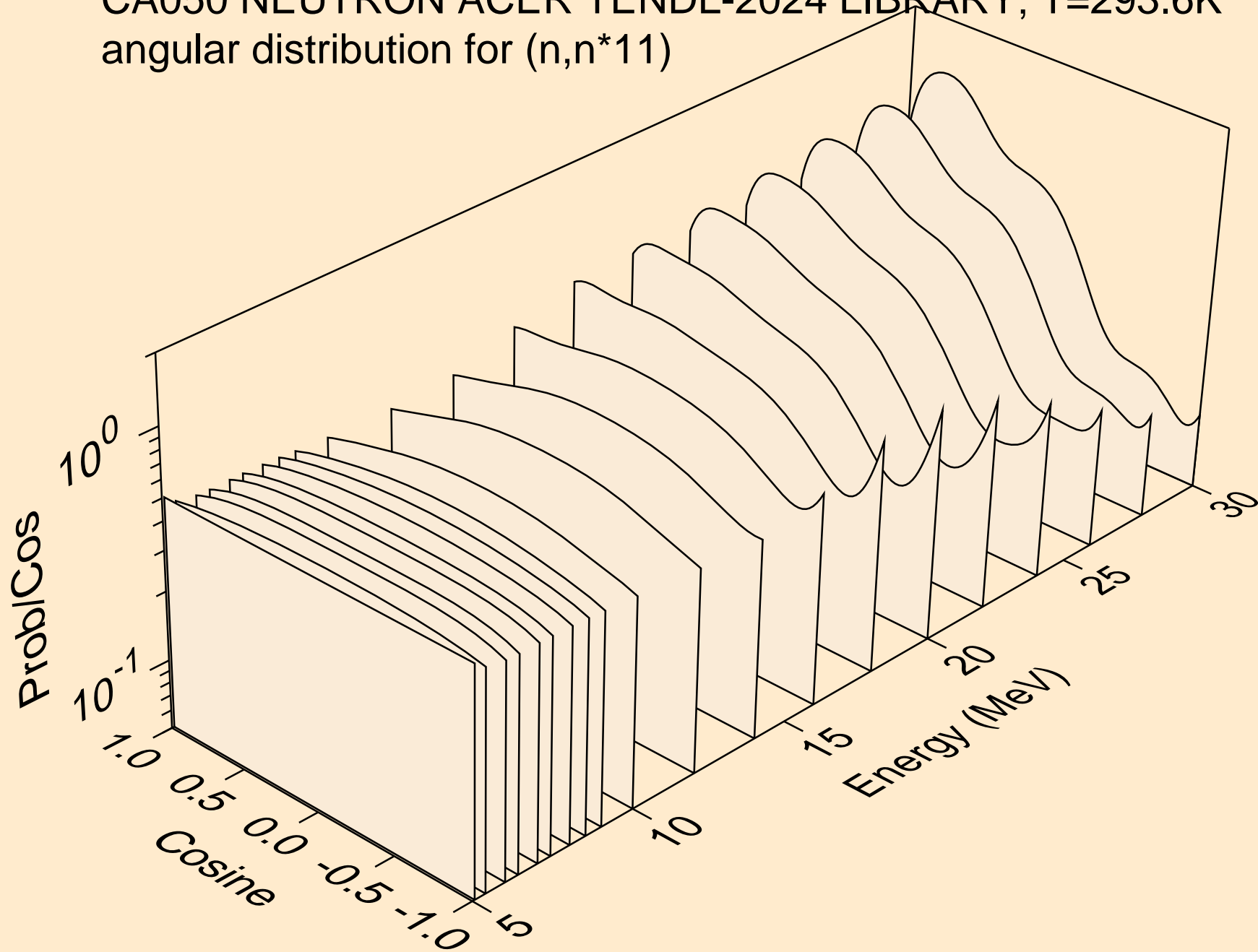
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angular distribution for (n,n\*9)



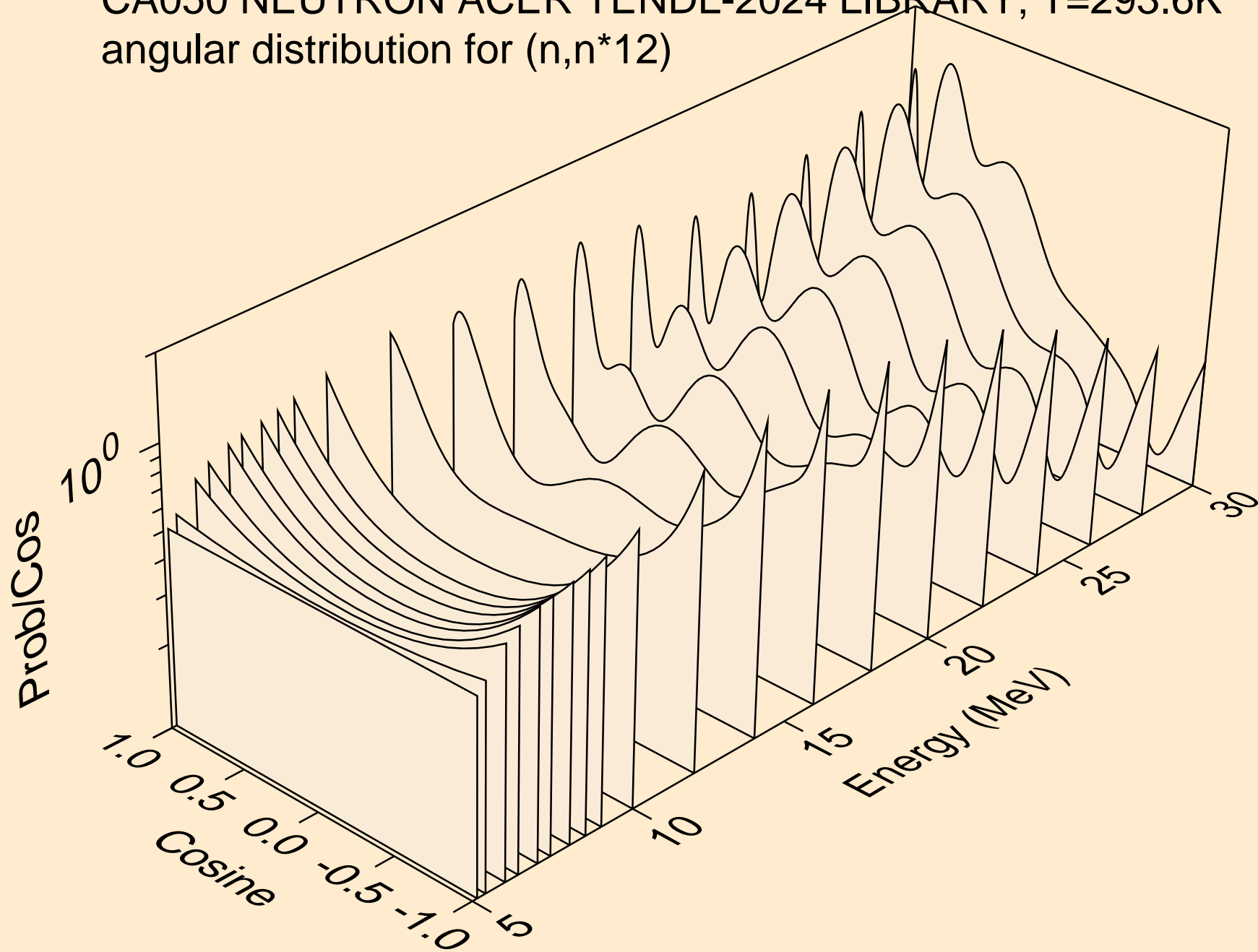
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angular distribution for (n,n\*10)



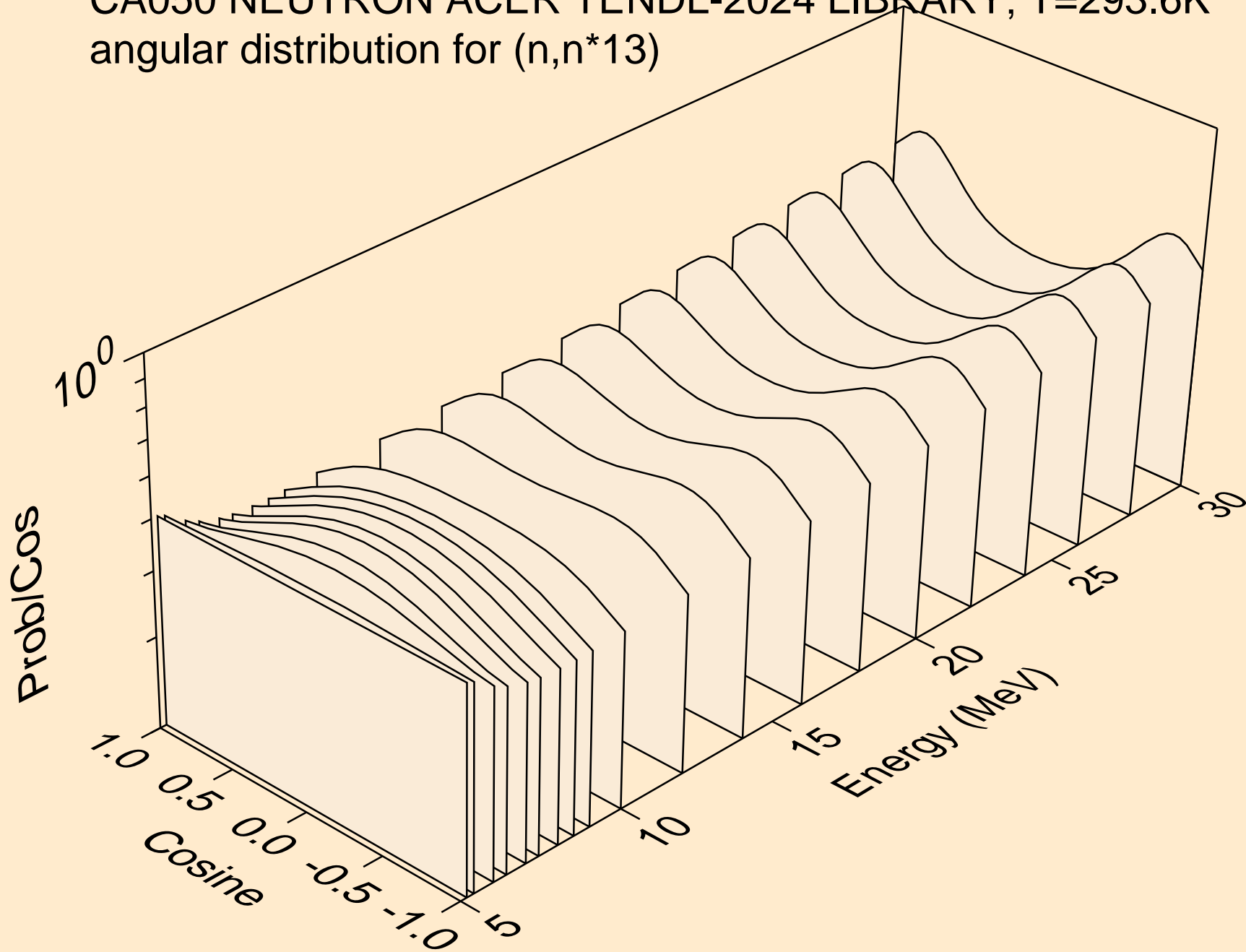
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angular distribution for (n,n\*11)



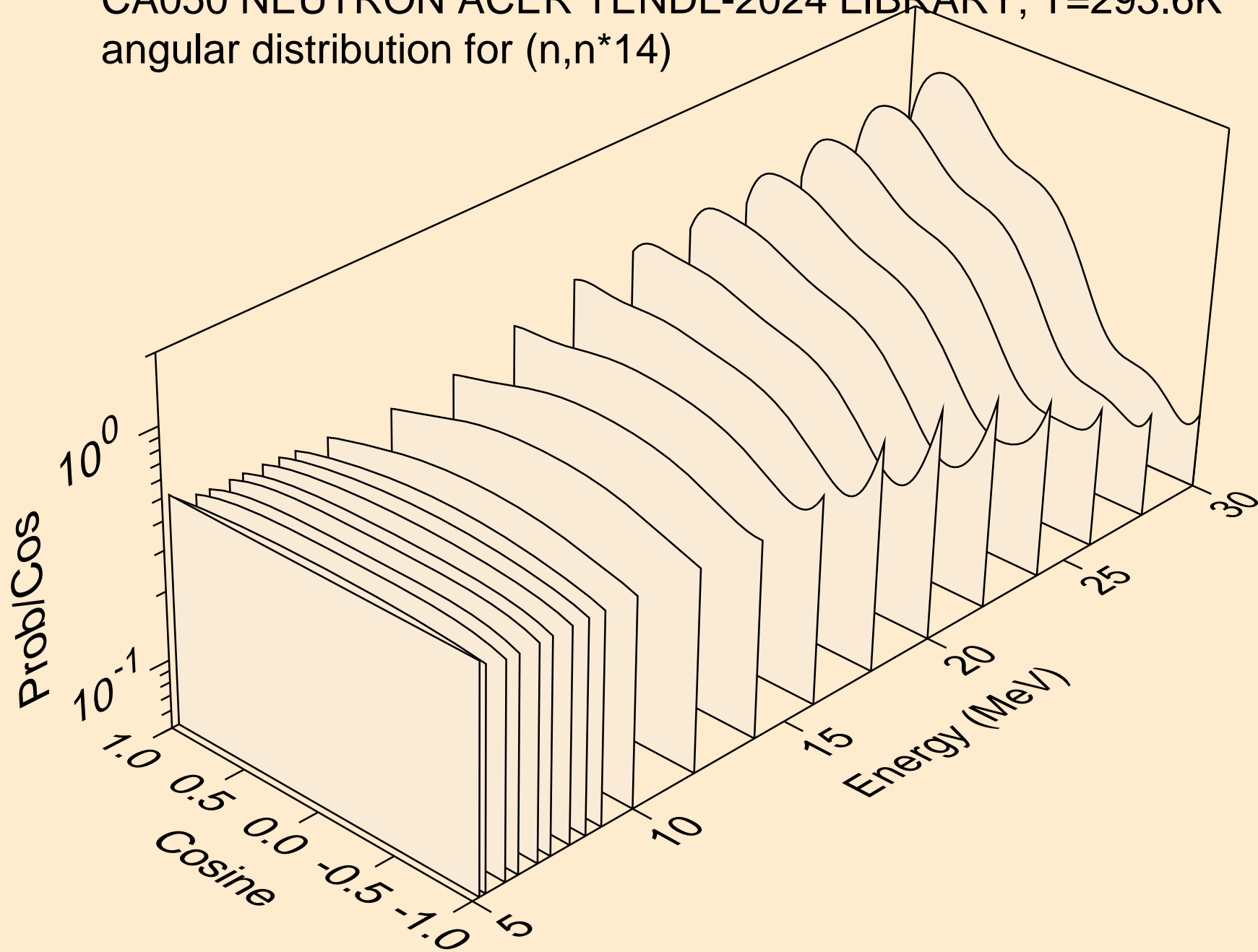
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angular distribution for (n,n\*12)



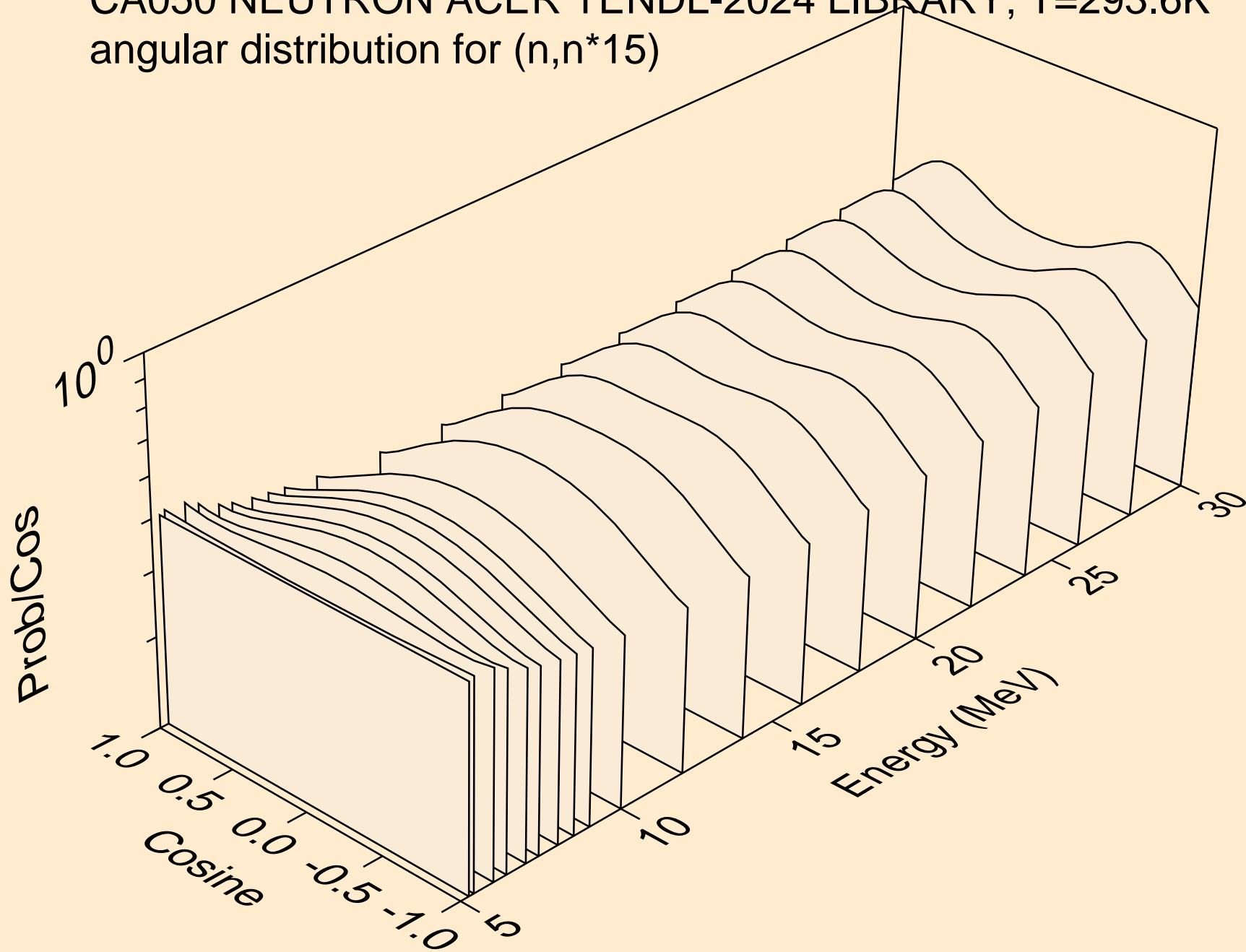
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angular distribution for (n,n\*13)



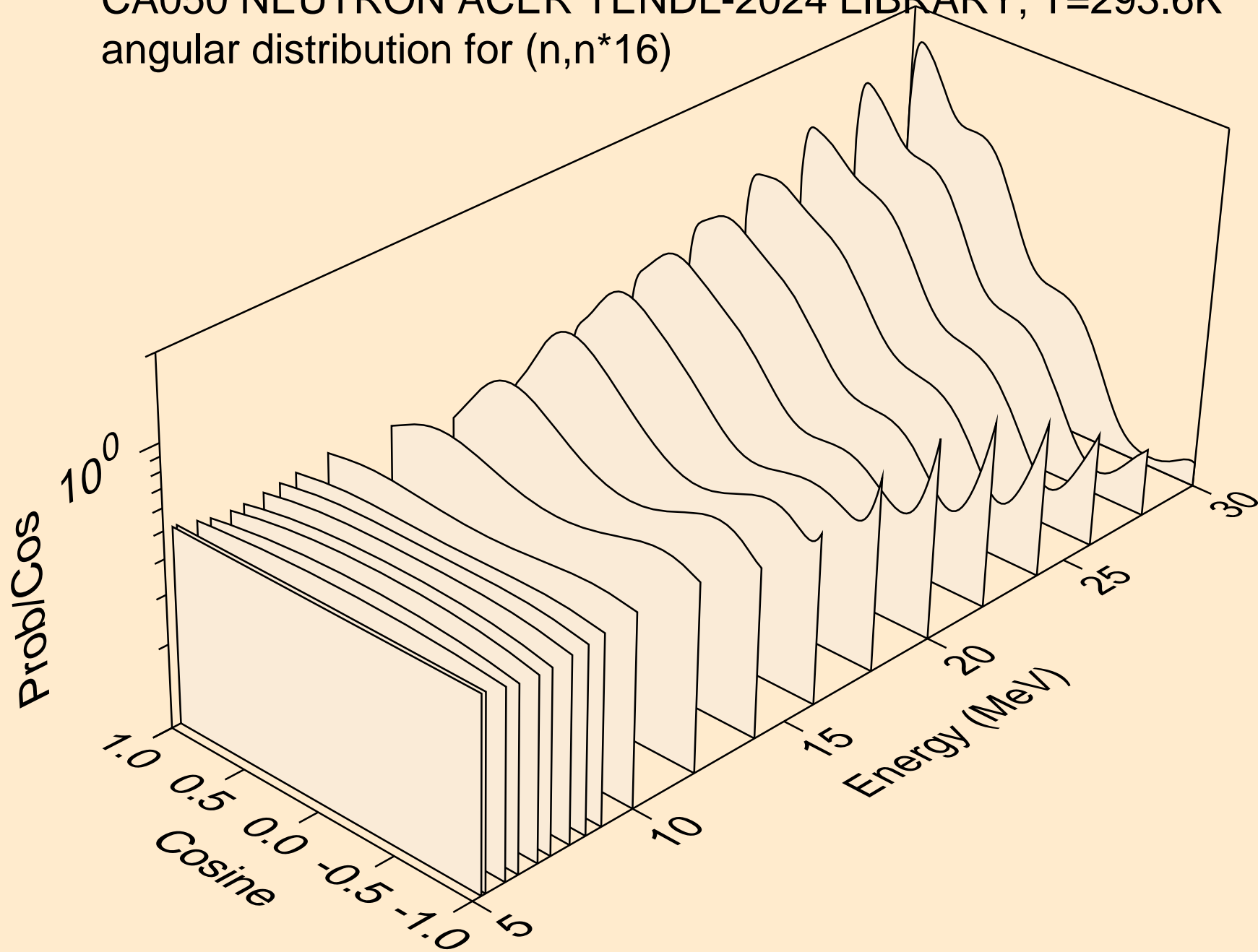
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angular distribution for (n,n\*14)



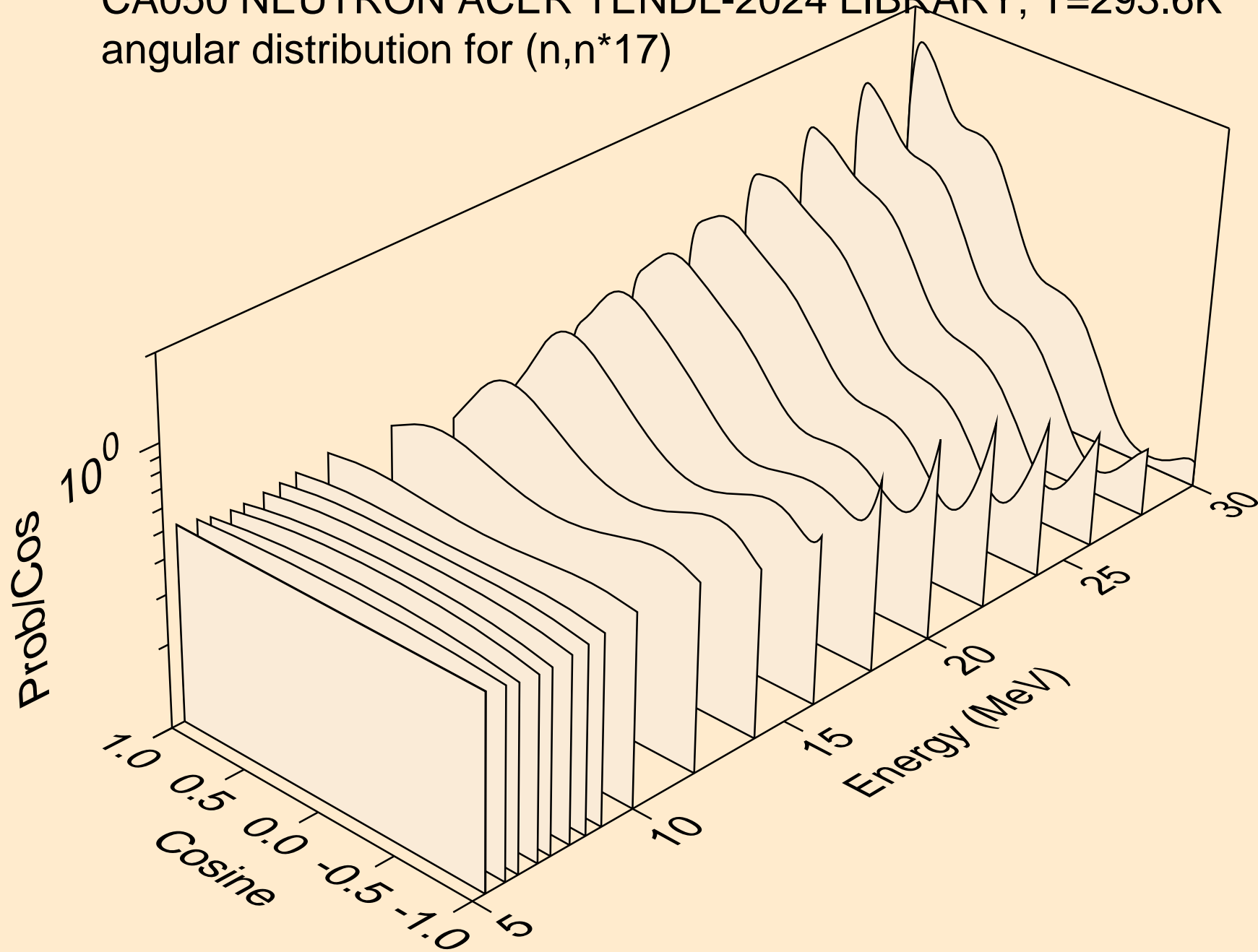
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angular distribution for (n,n\*15)



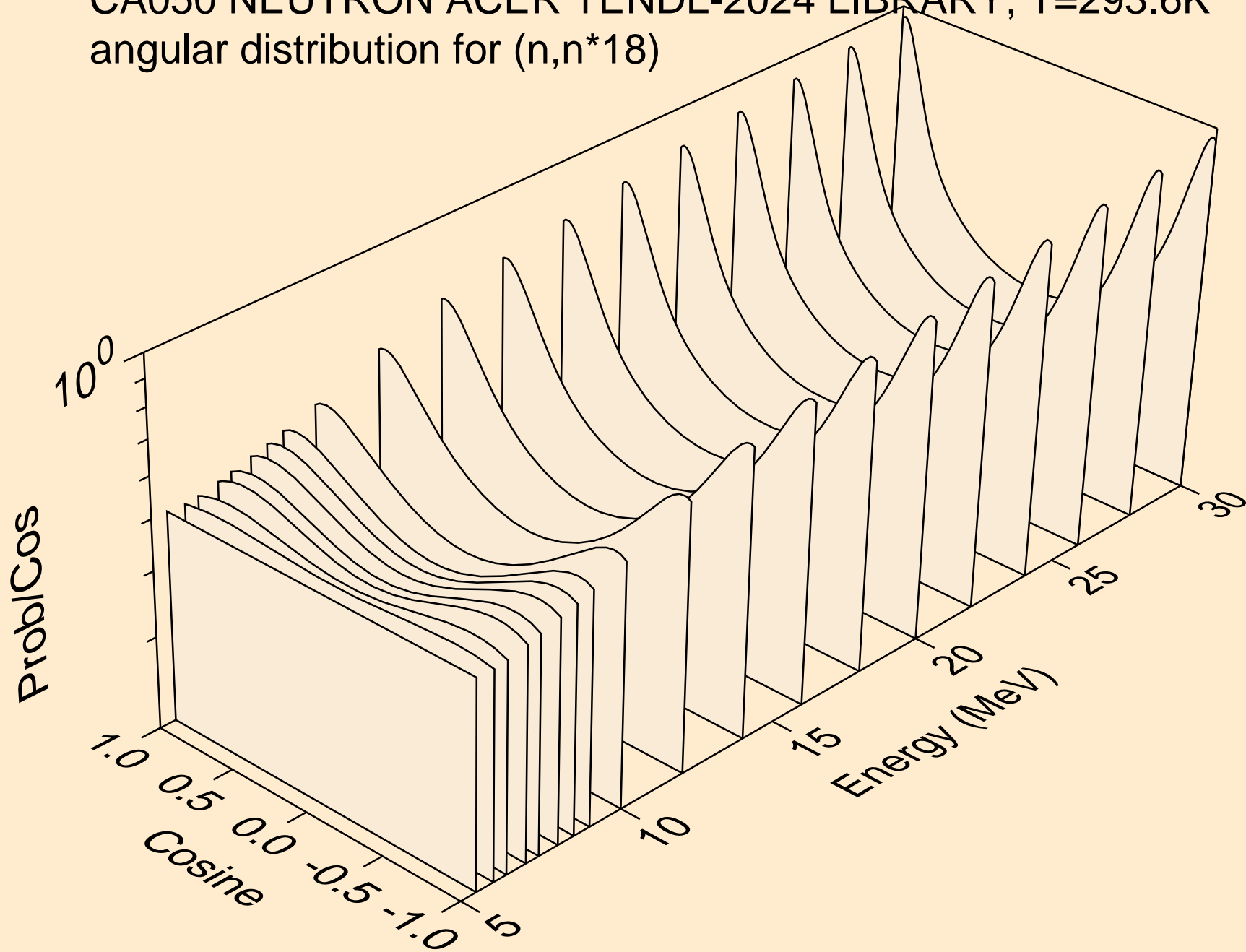
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angular distribution for (n,n\*16)



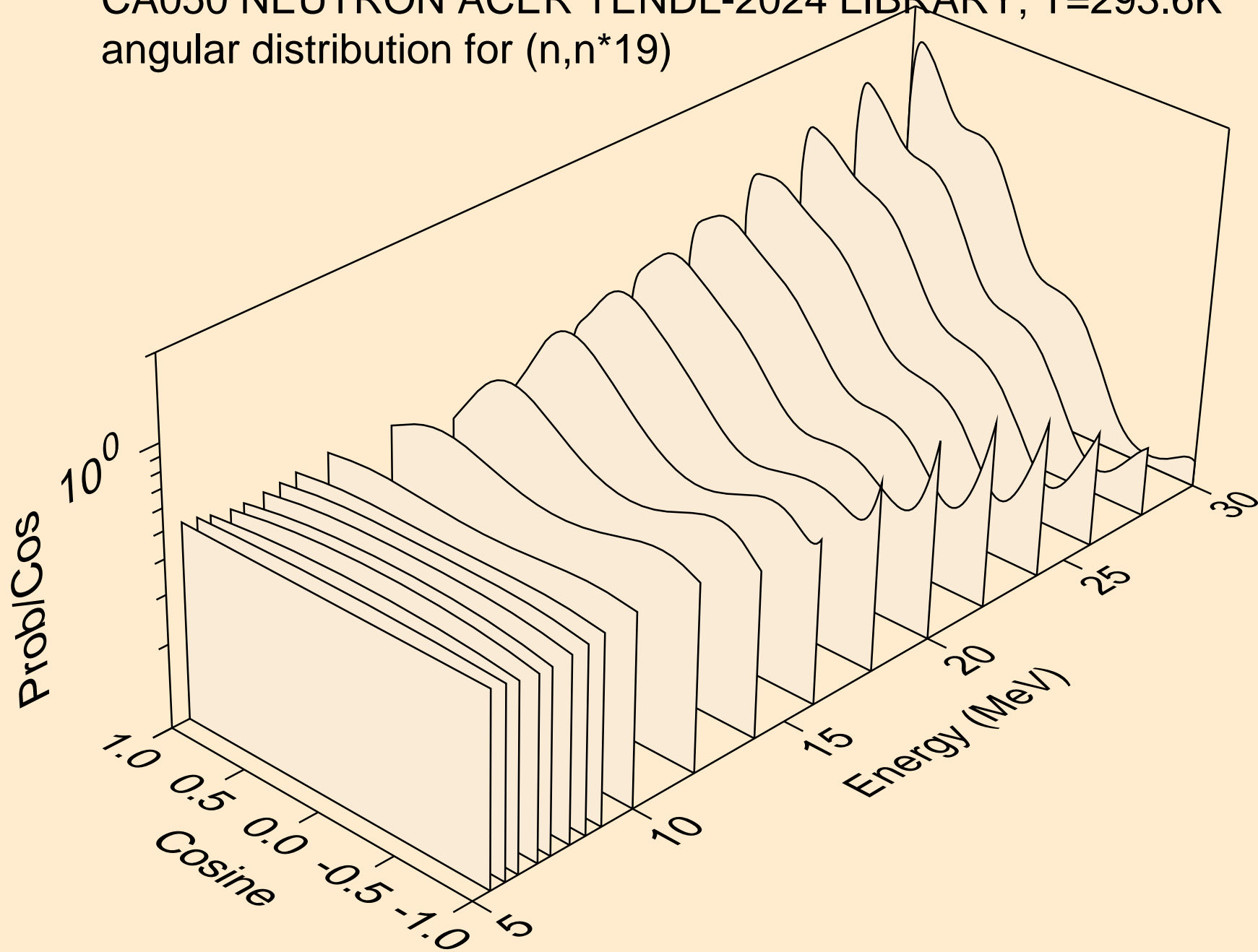
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angular distribution for (n,n\*17)



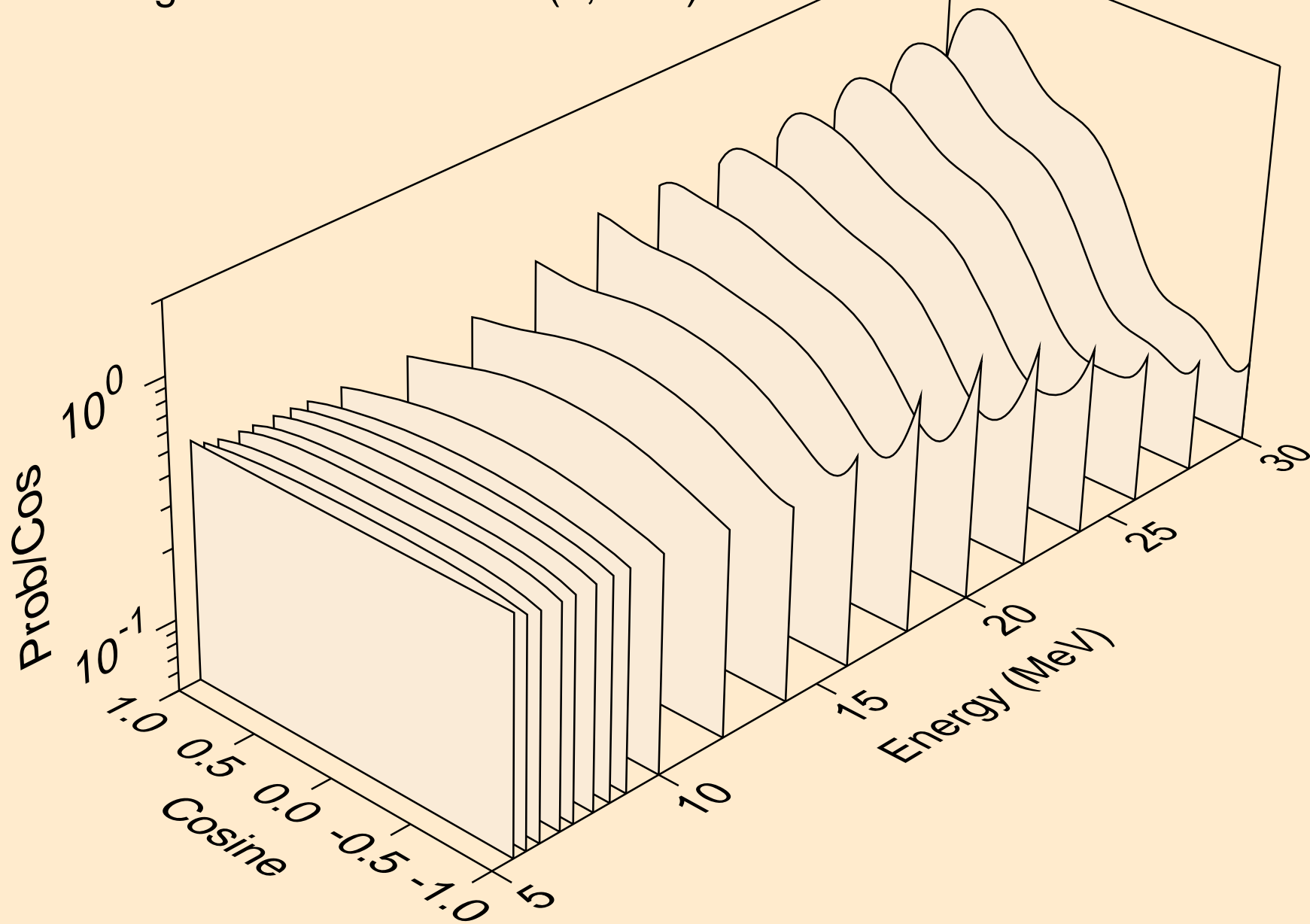
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angular distribution for (n,n\*18)



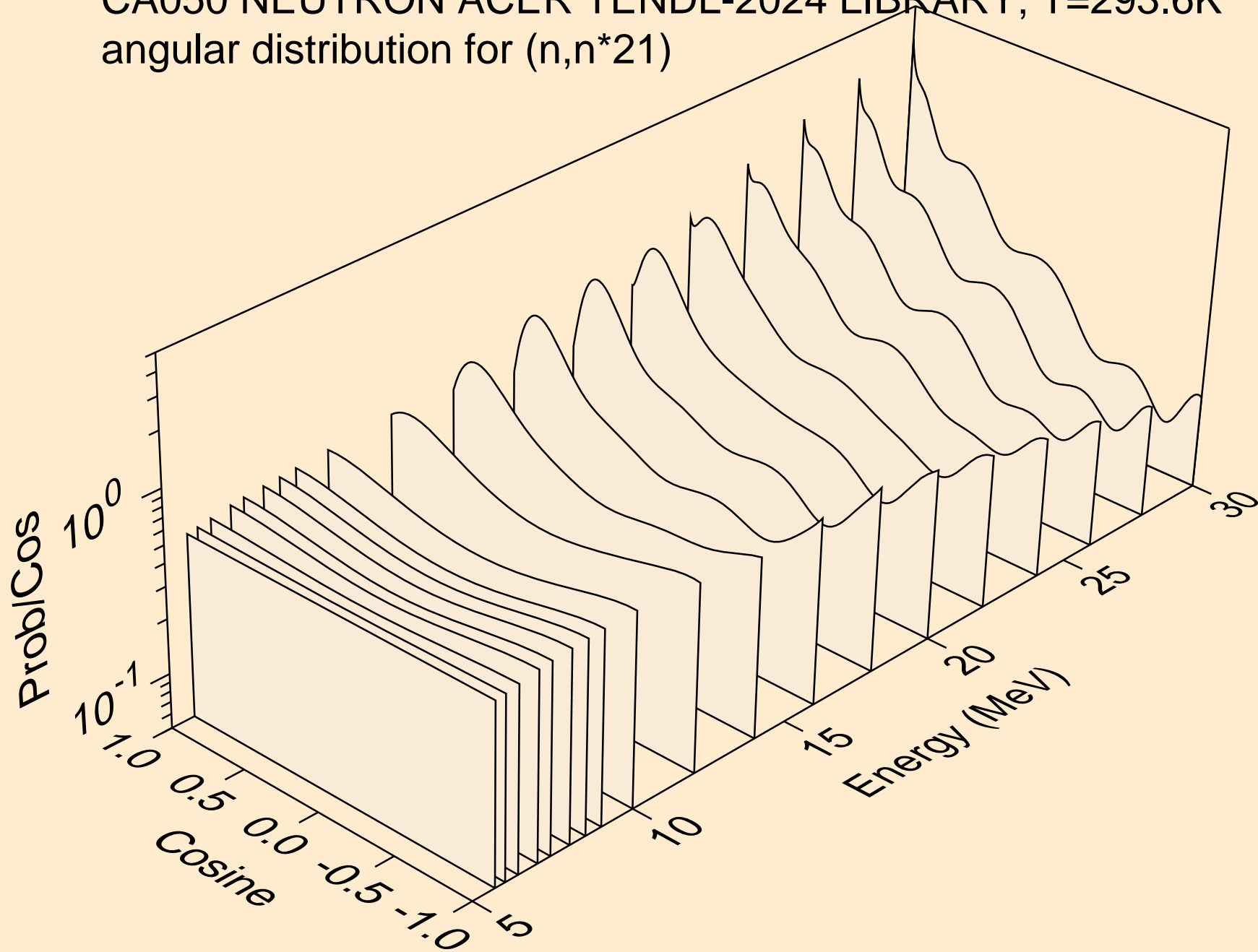
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angular distribution for (n,n\*19)



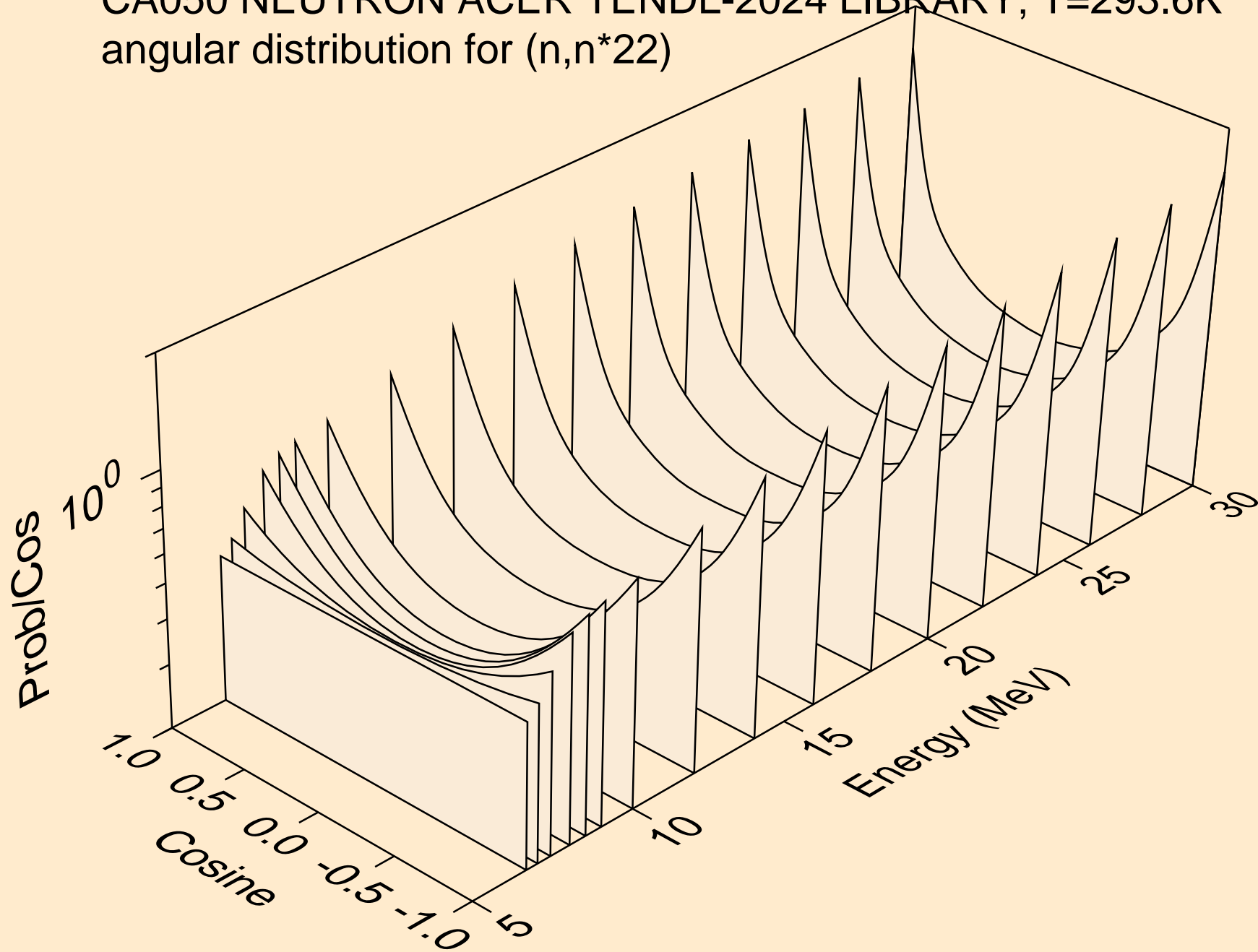
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angular distribution for (n,n\*20)



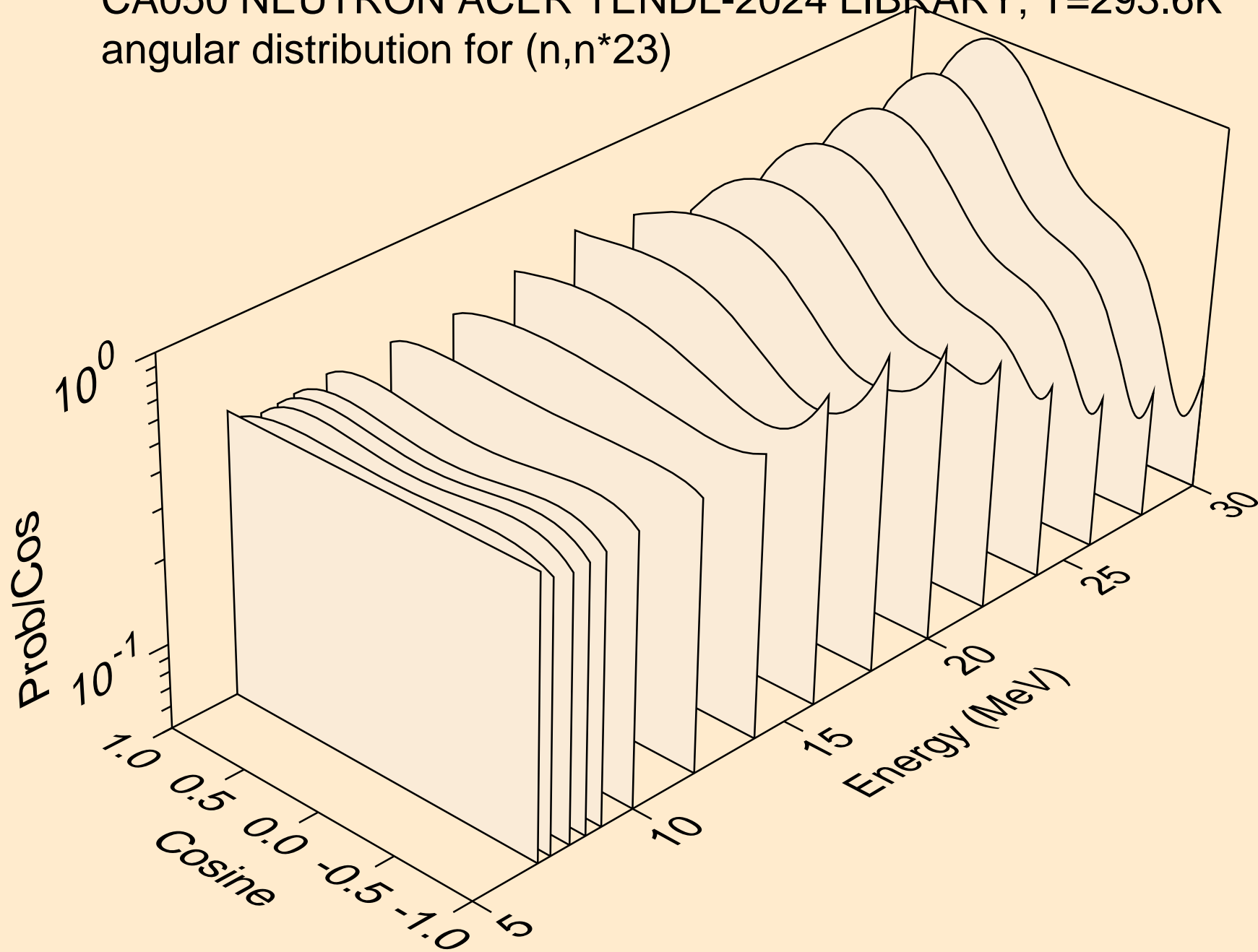
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angular distribution for (n,n\*21)



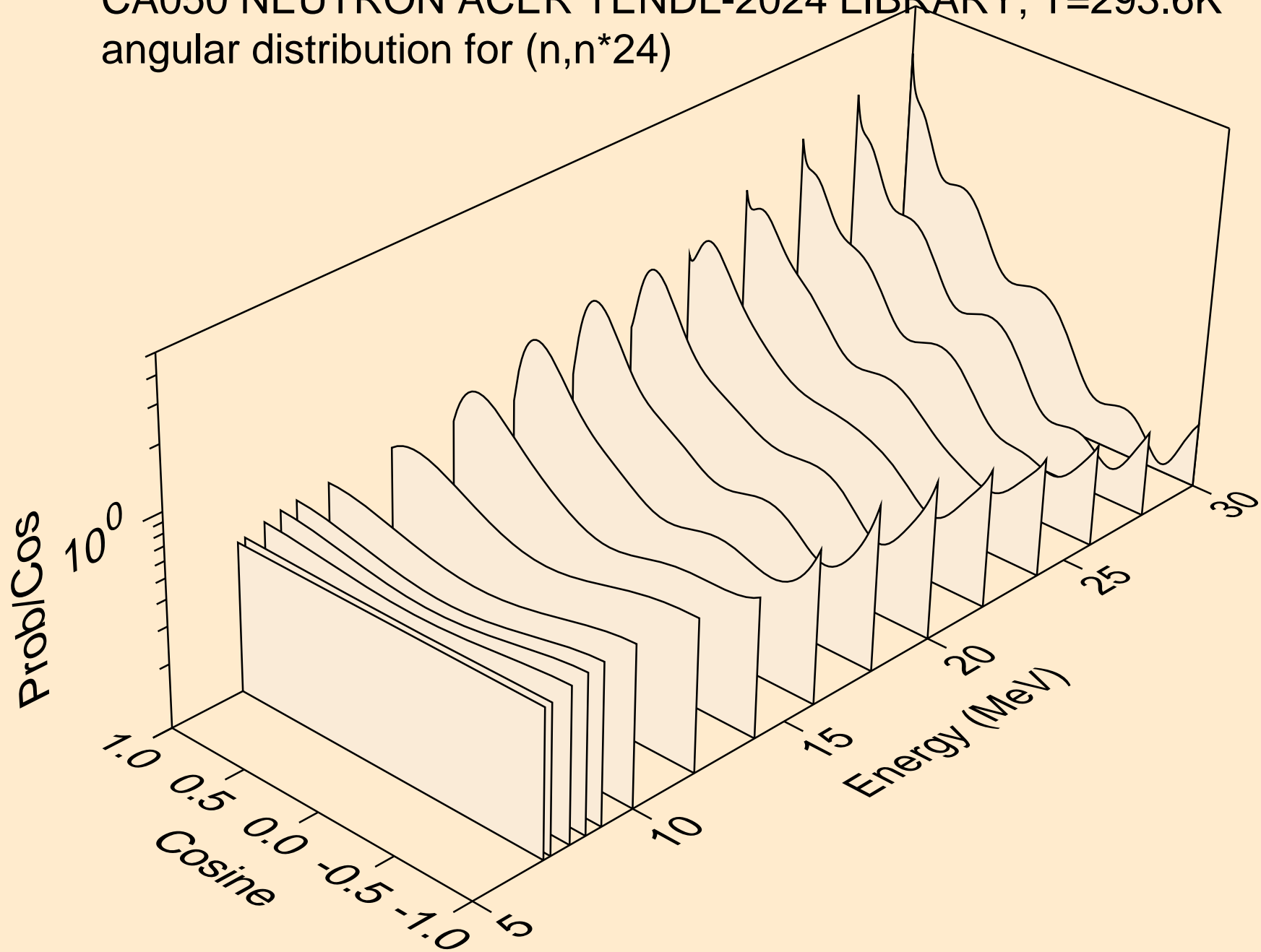
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angular distribution for (n,n\*22)



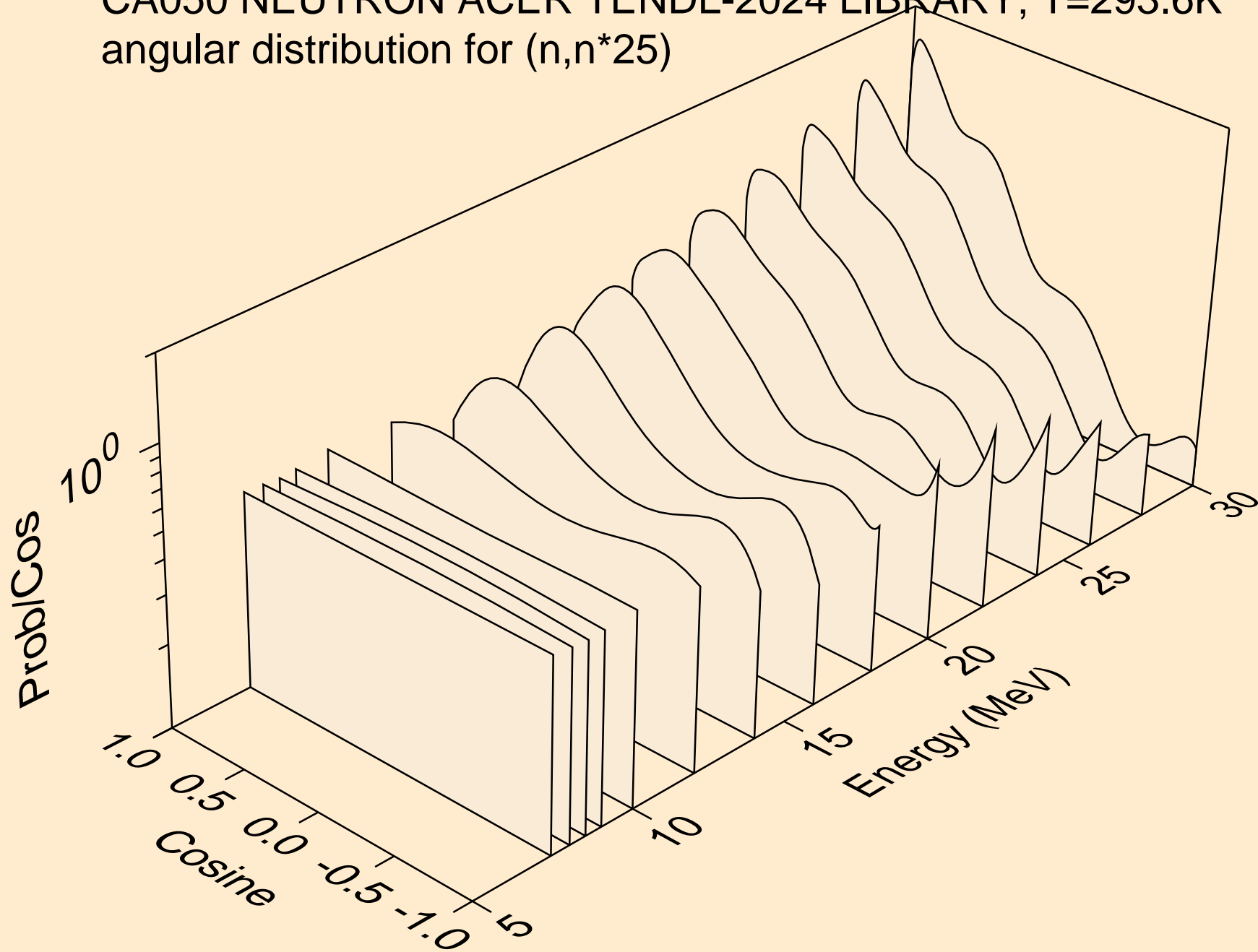
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angular distribution for (n,n\*23)



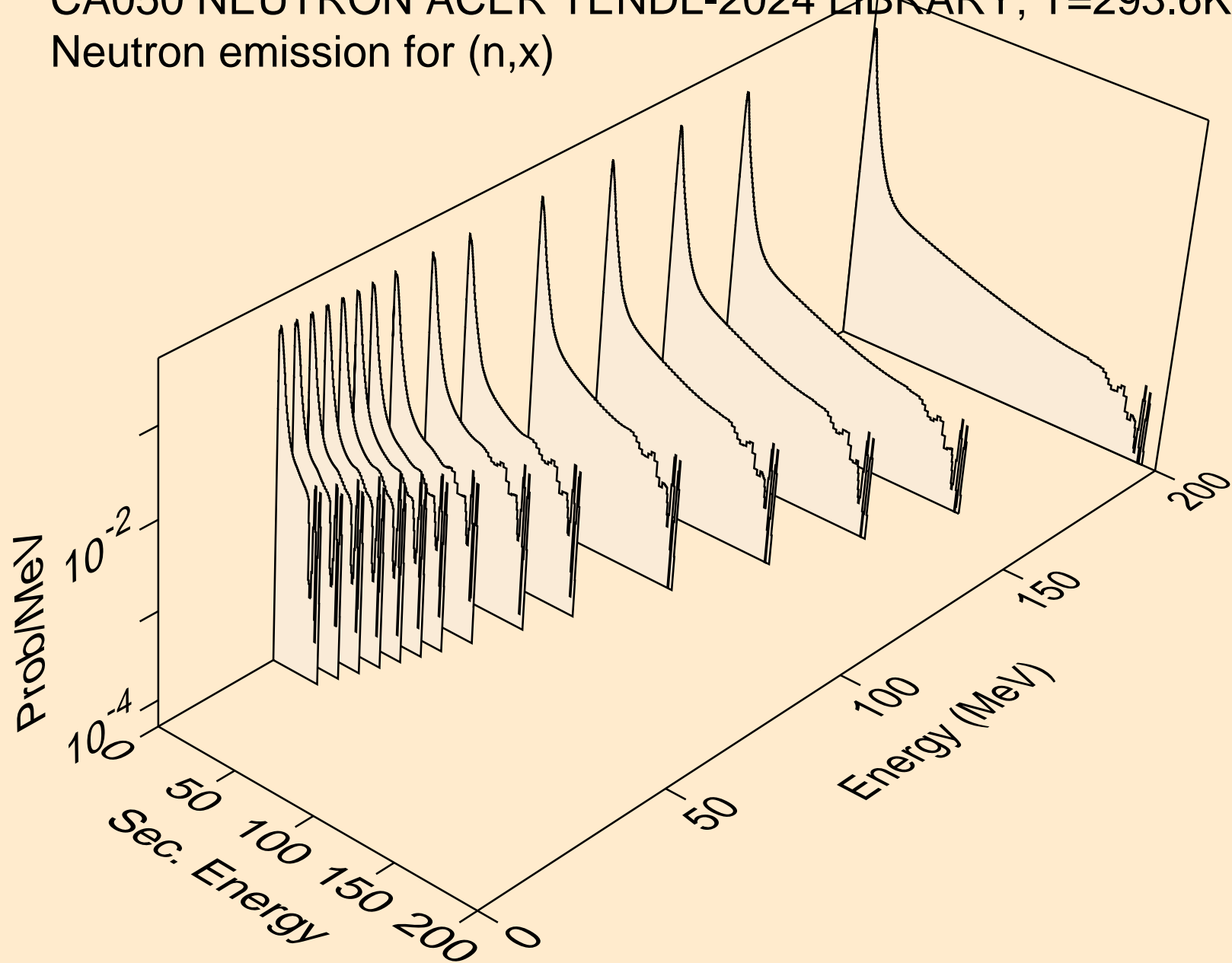
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angular distribution for (n,n\*24)



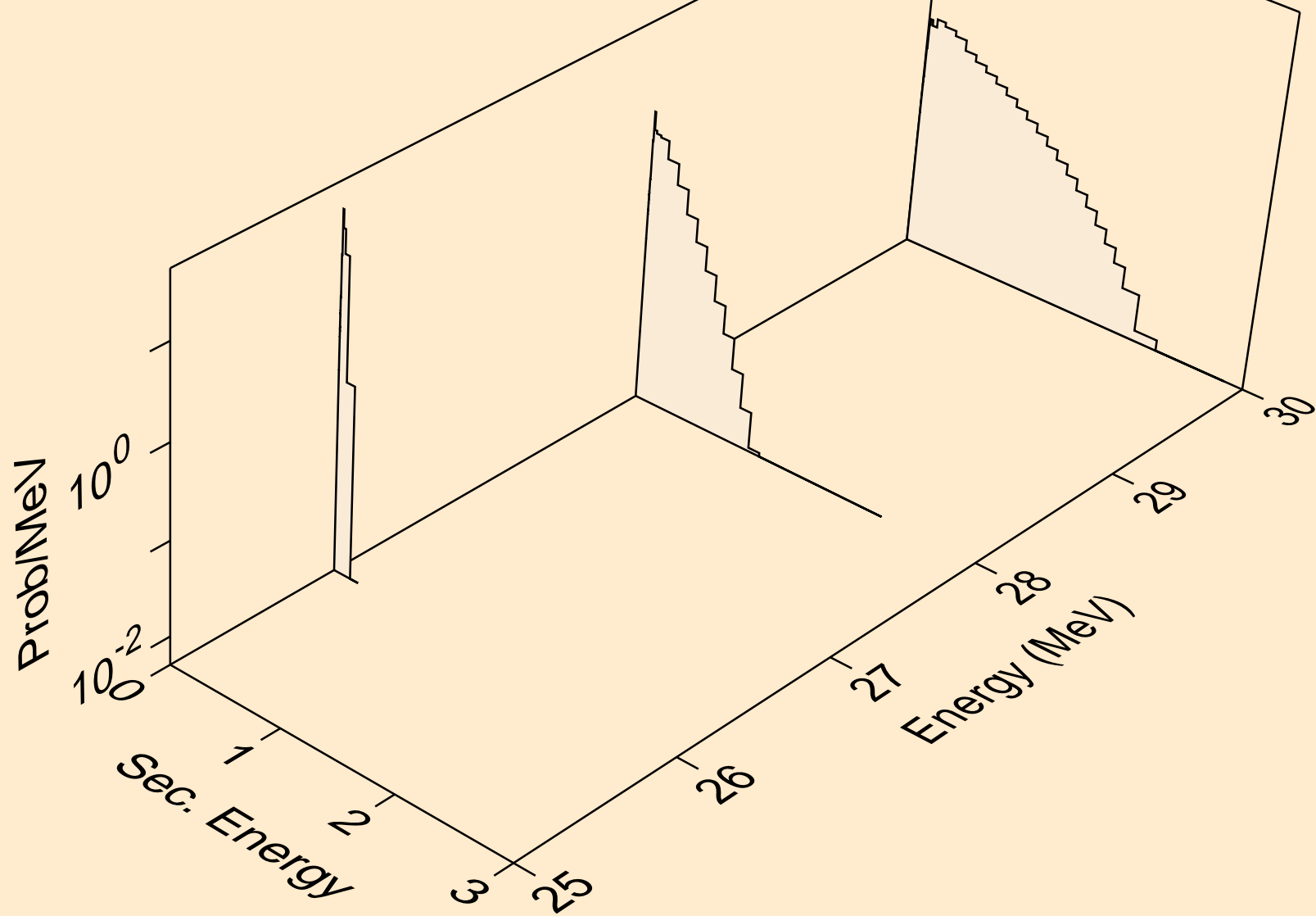
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angular distribution for (n,n\*25)



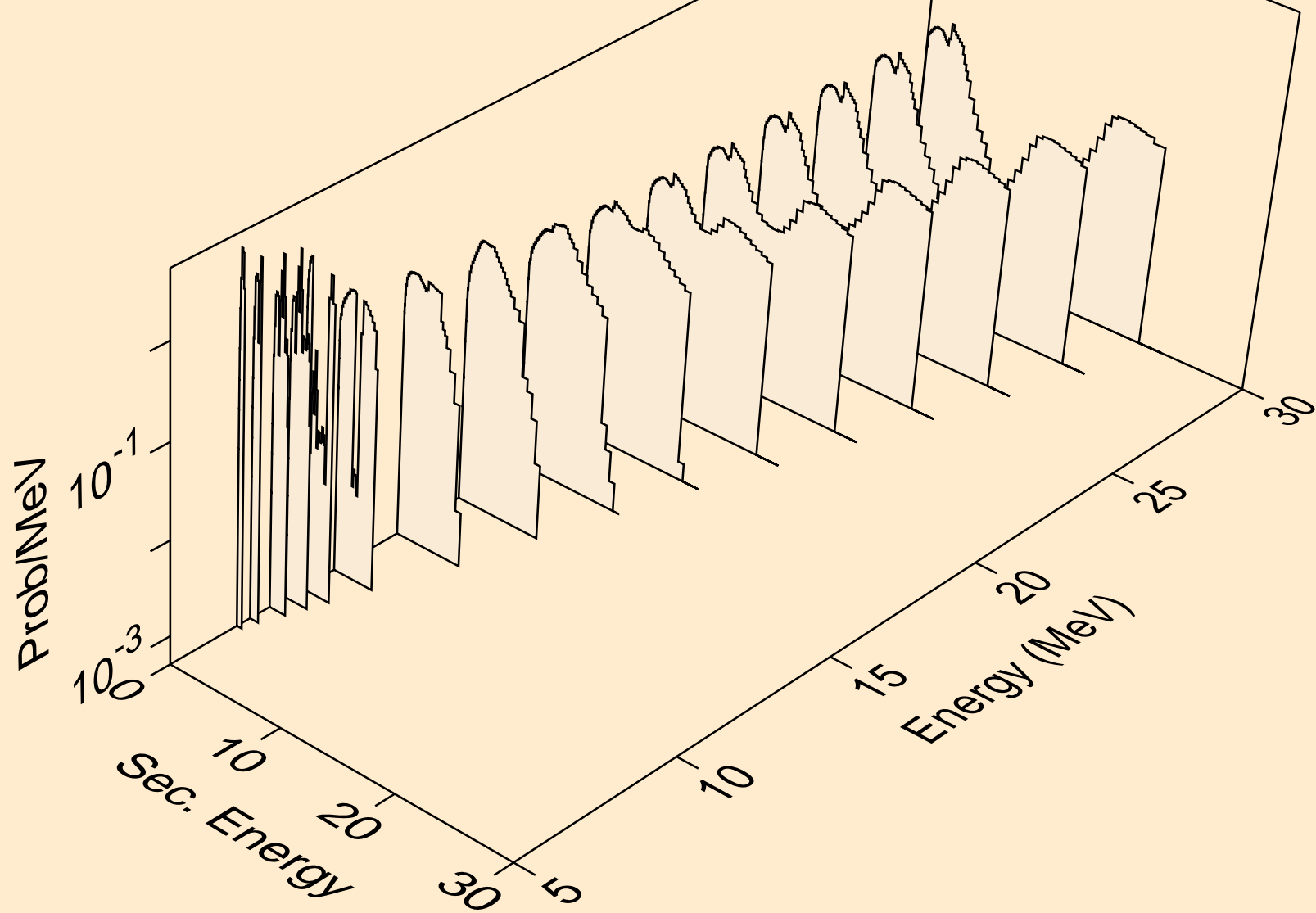
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



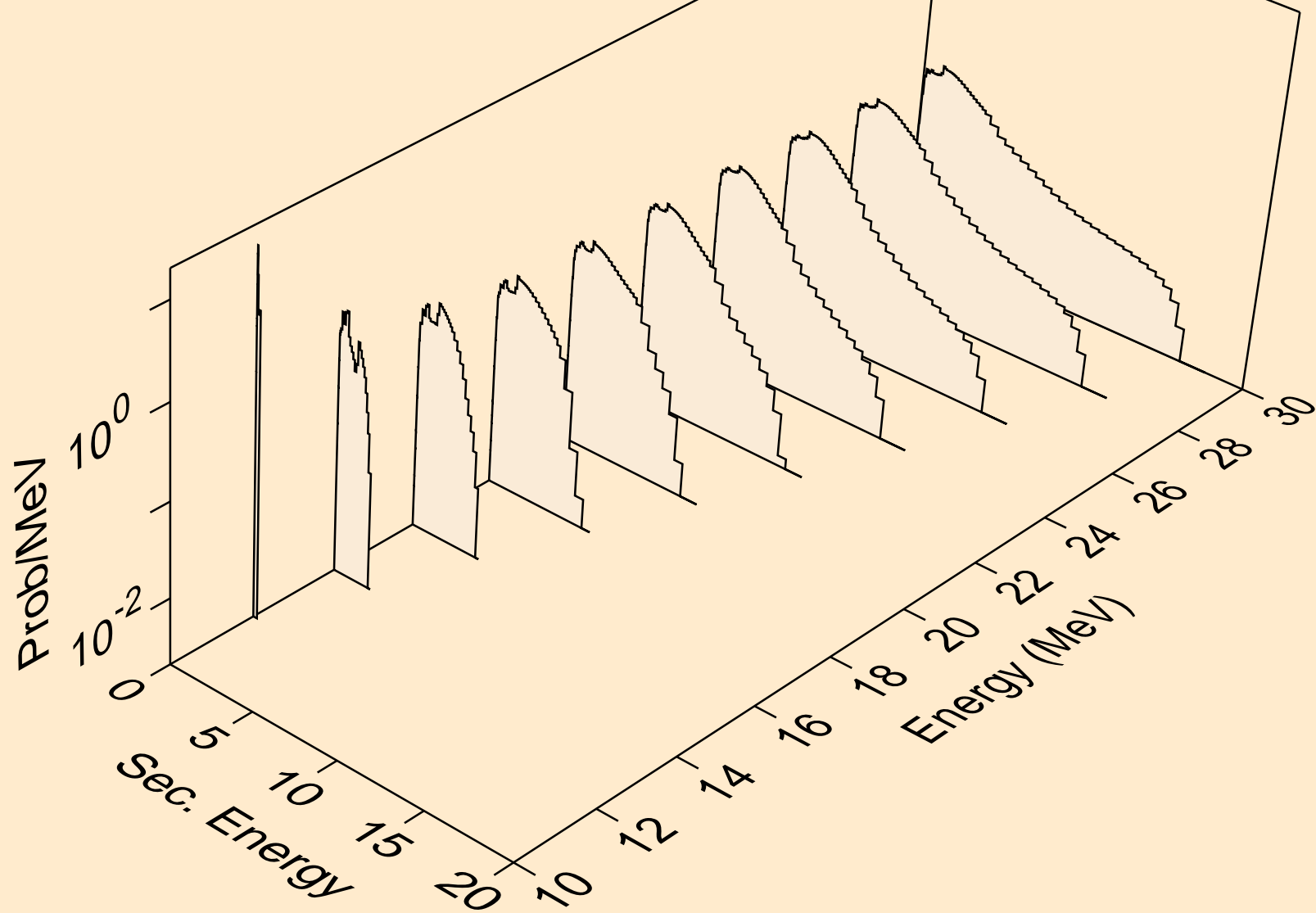
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



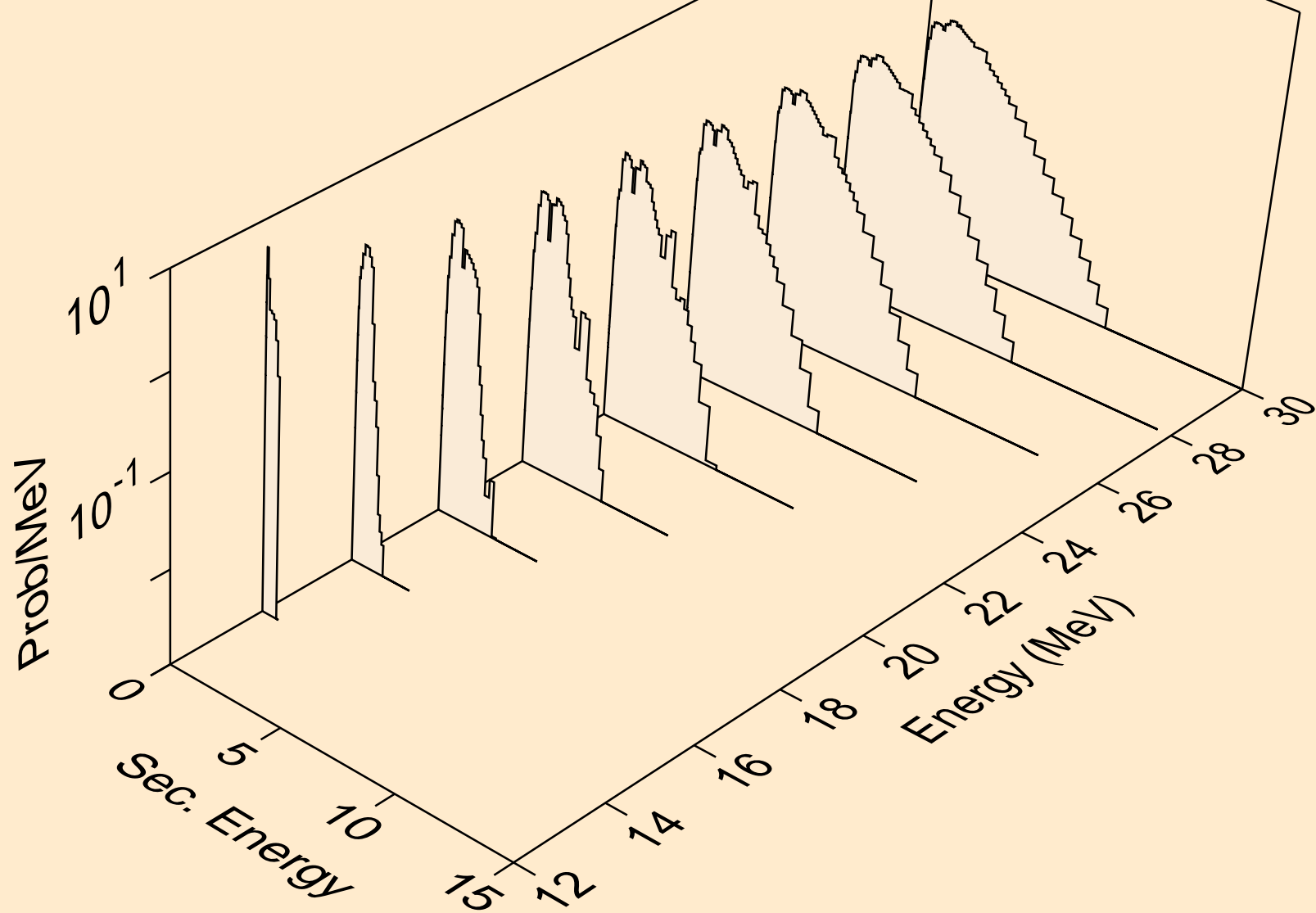
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



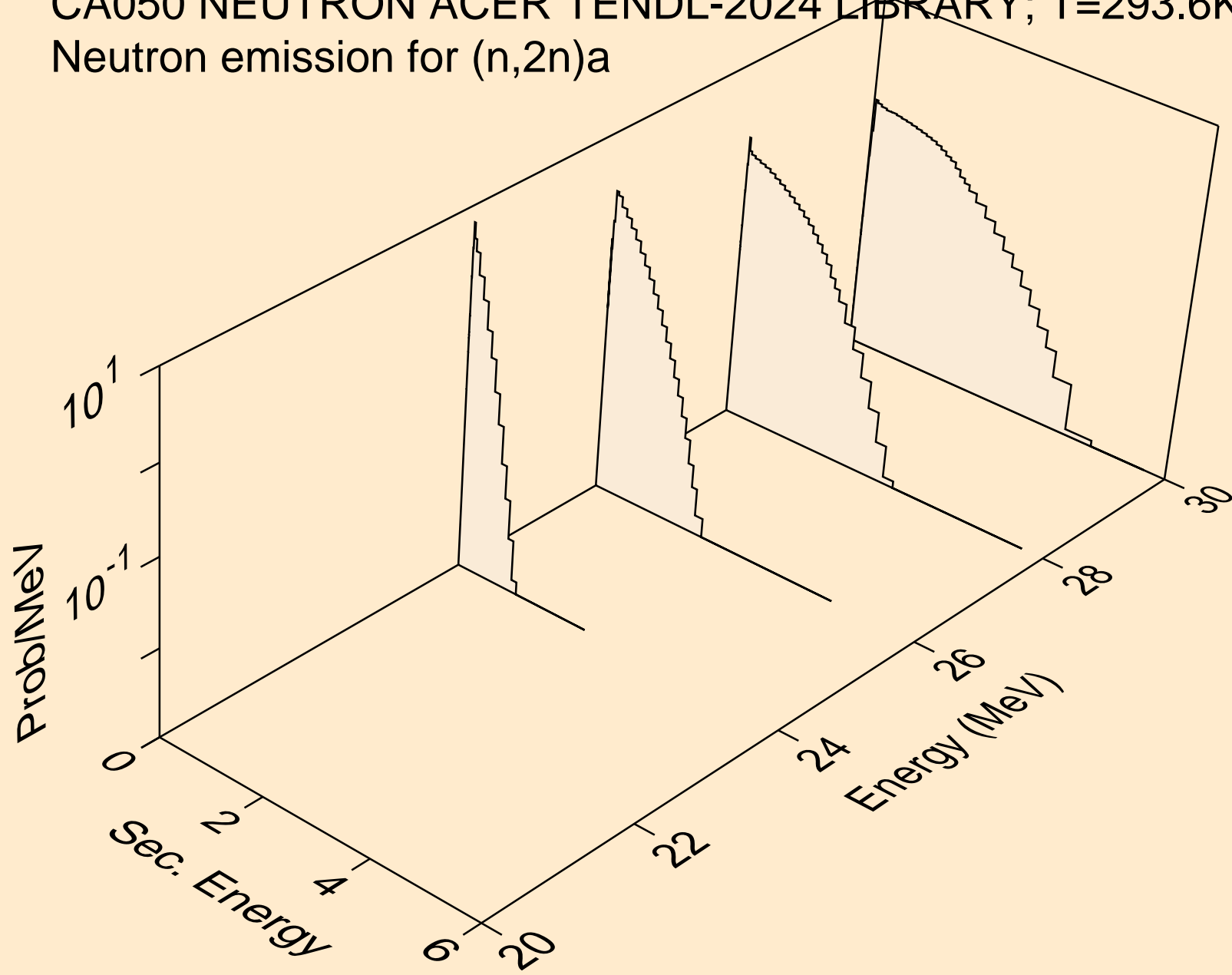
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Neutron emission for (n,3n)



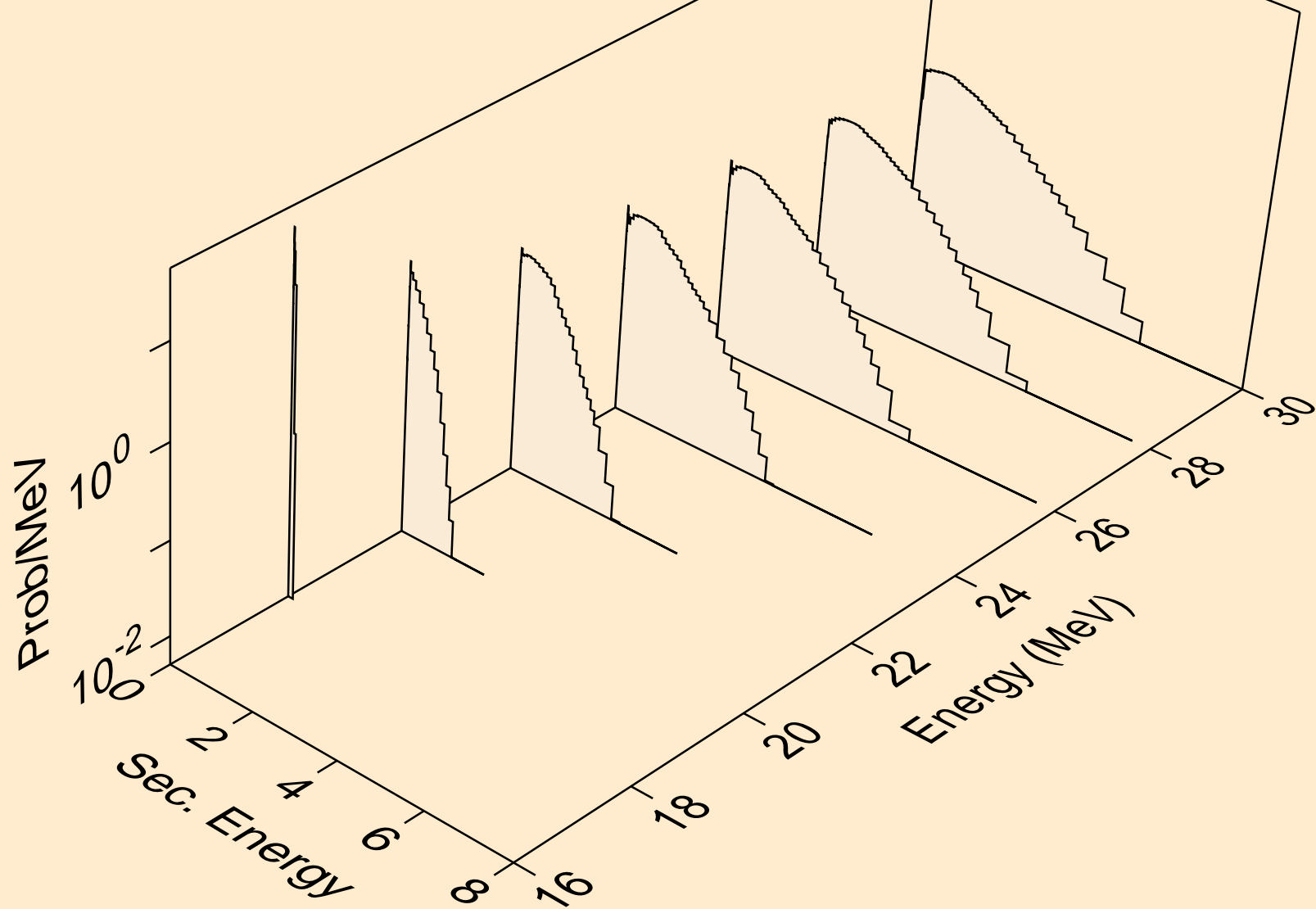
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



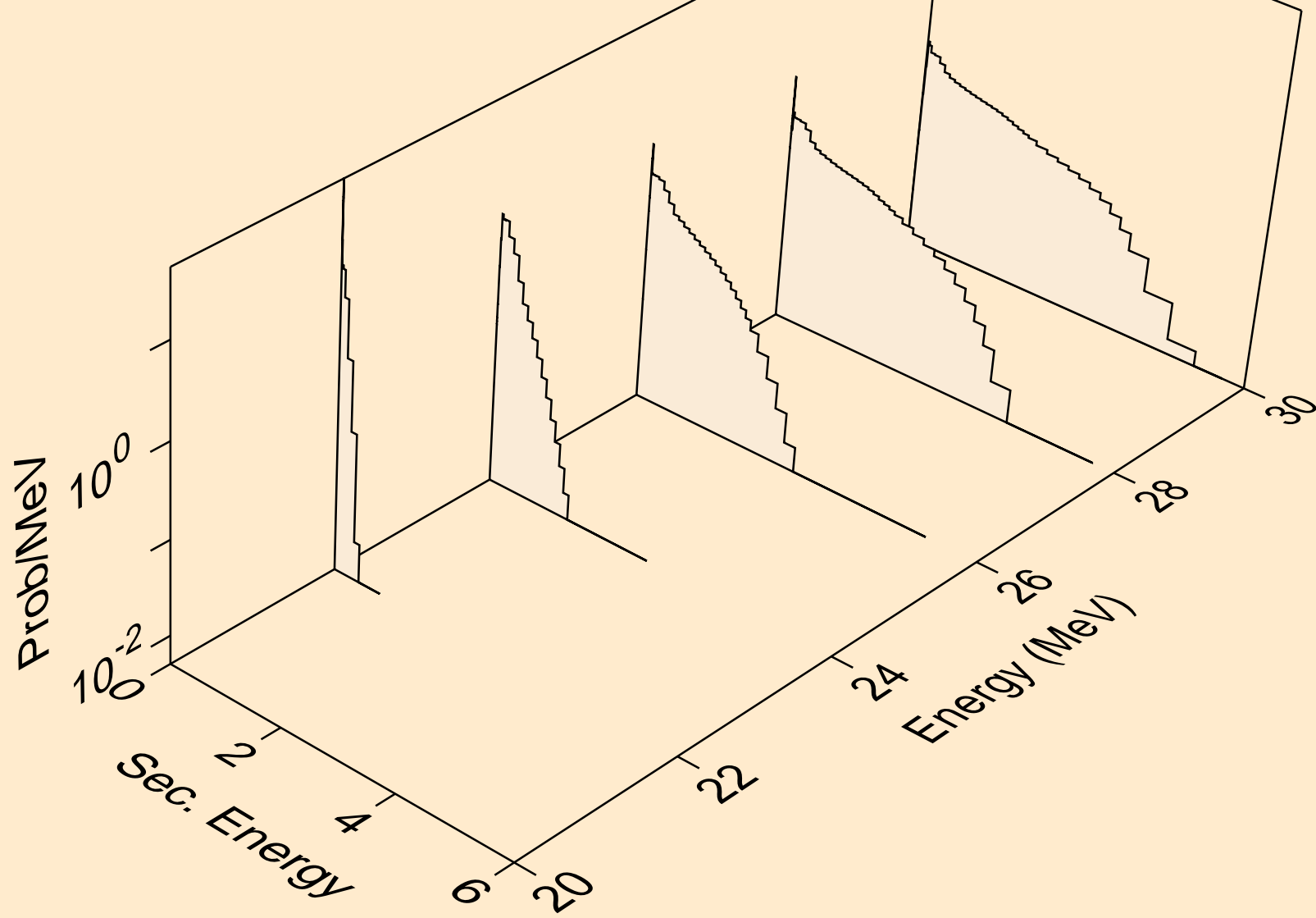
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Neutron emission for (n,2n)a



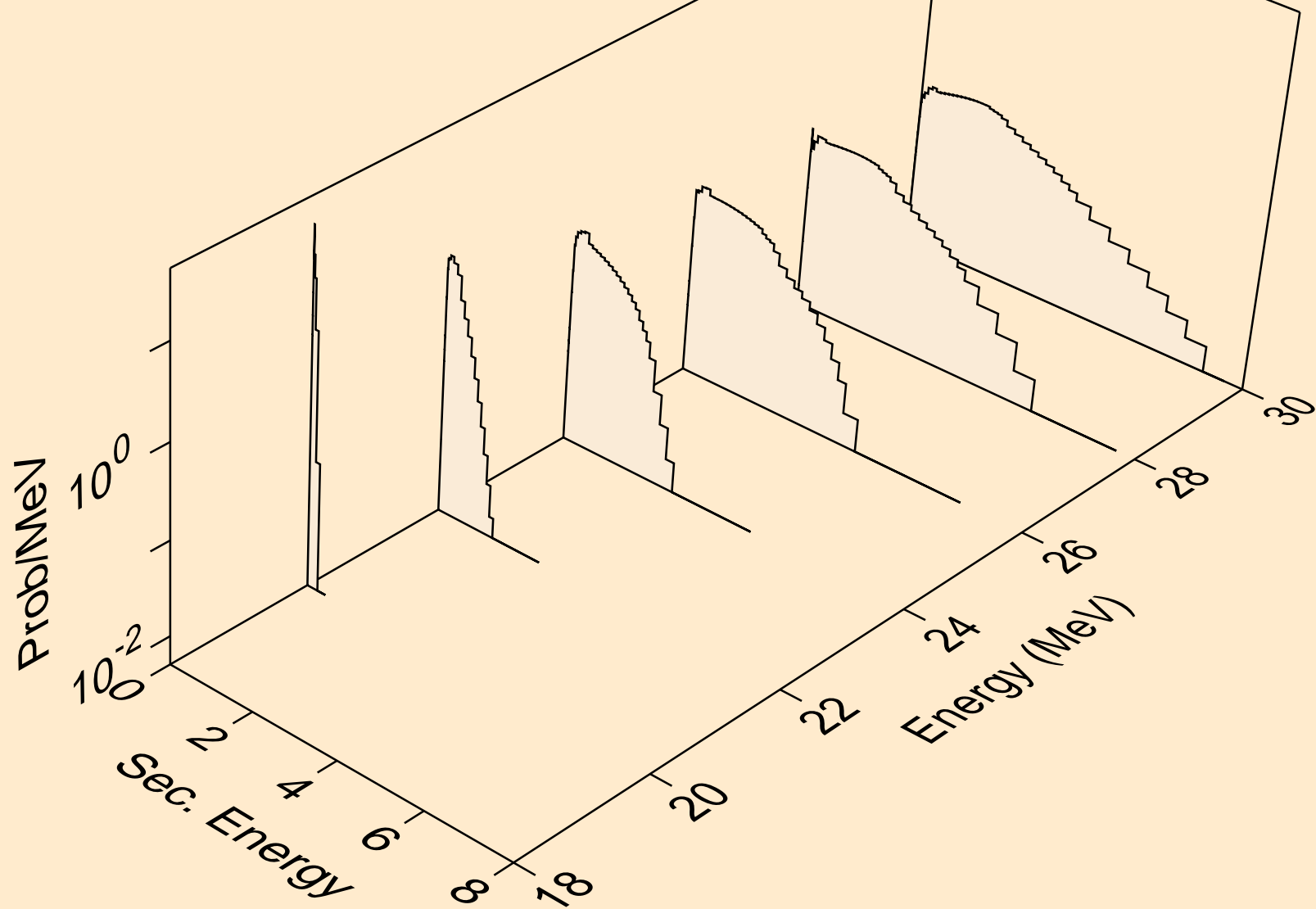
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



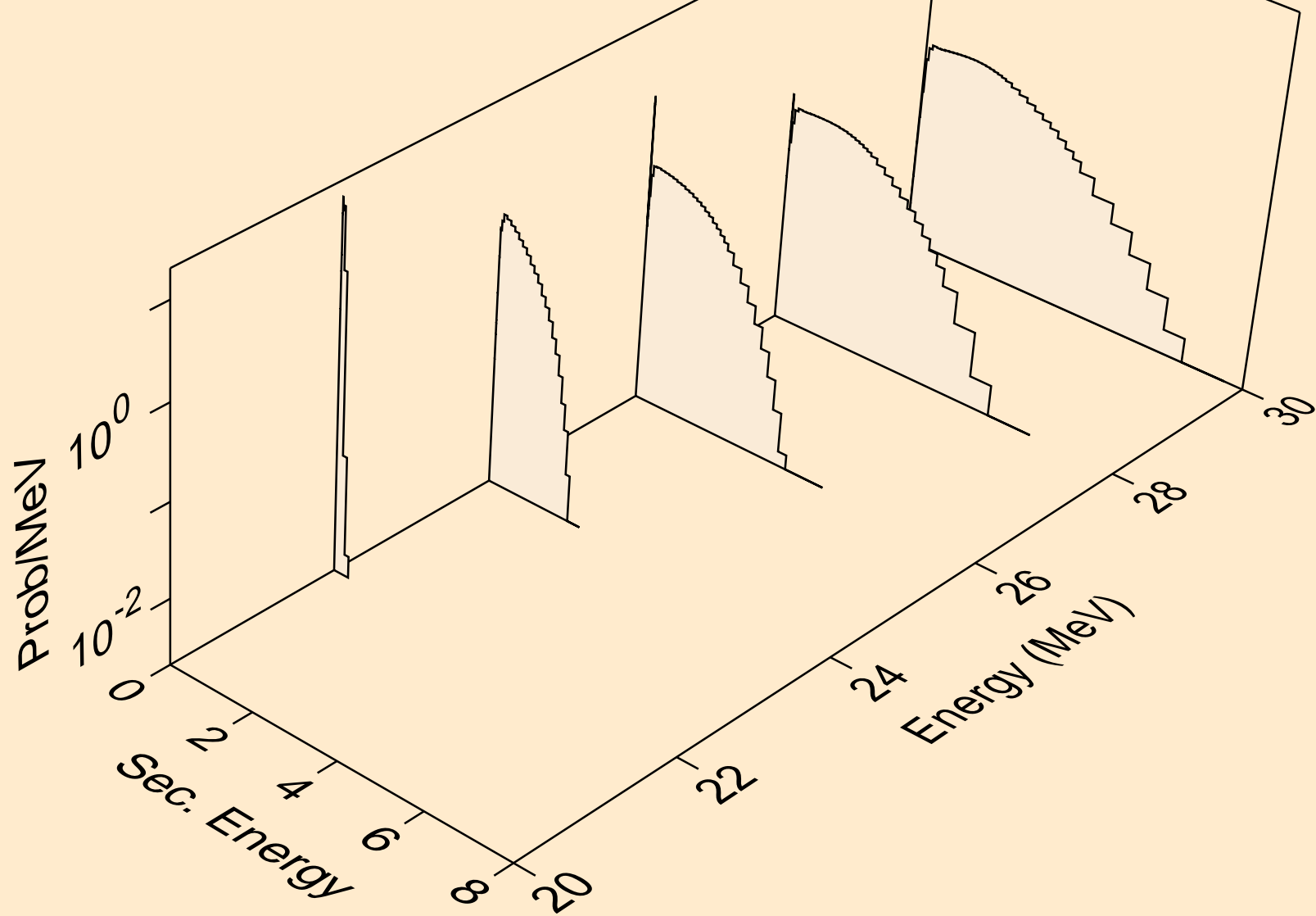
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



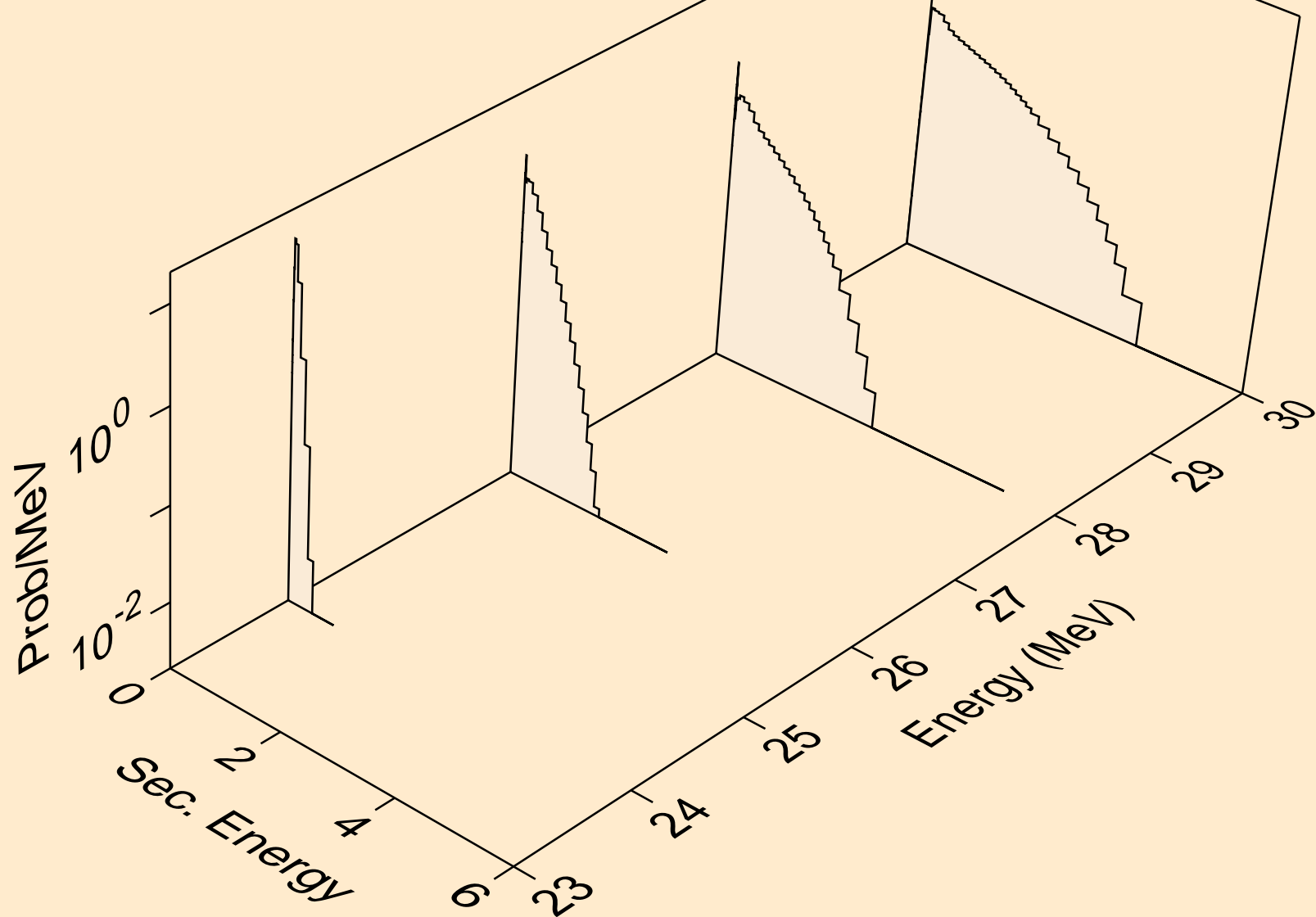
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Neutron emission for (n,n\*)t



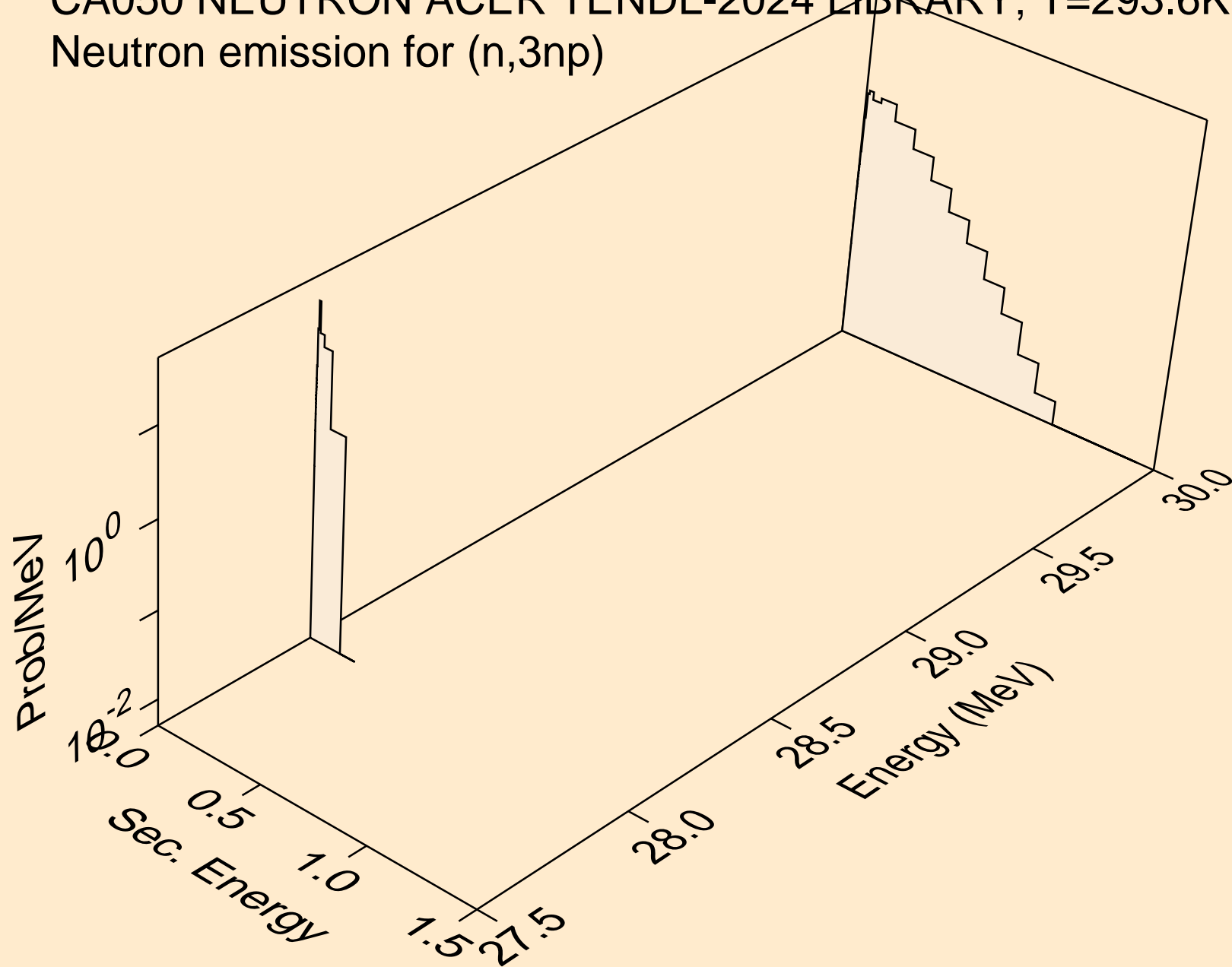
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Neutron emission for (n,4n)



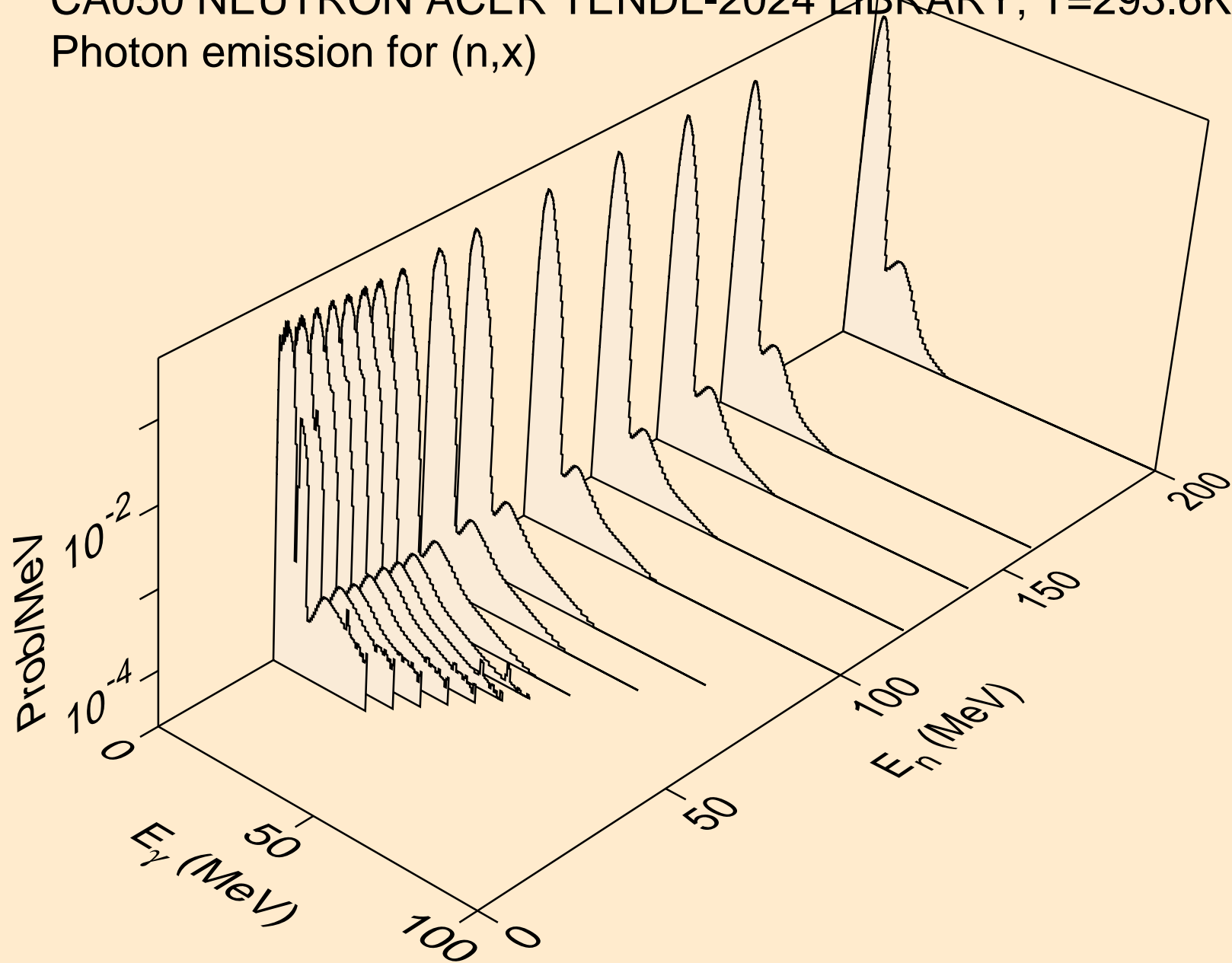
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



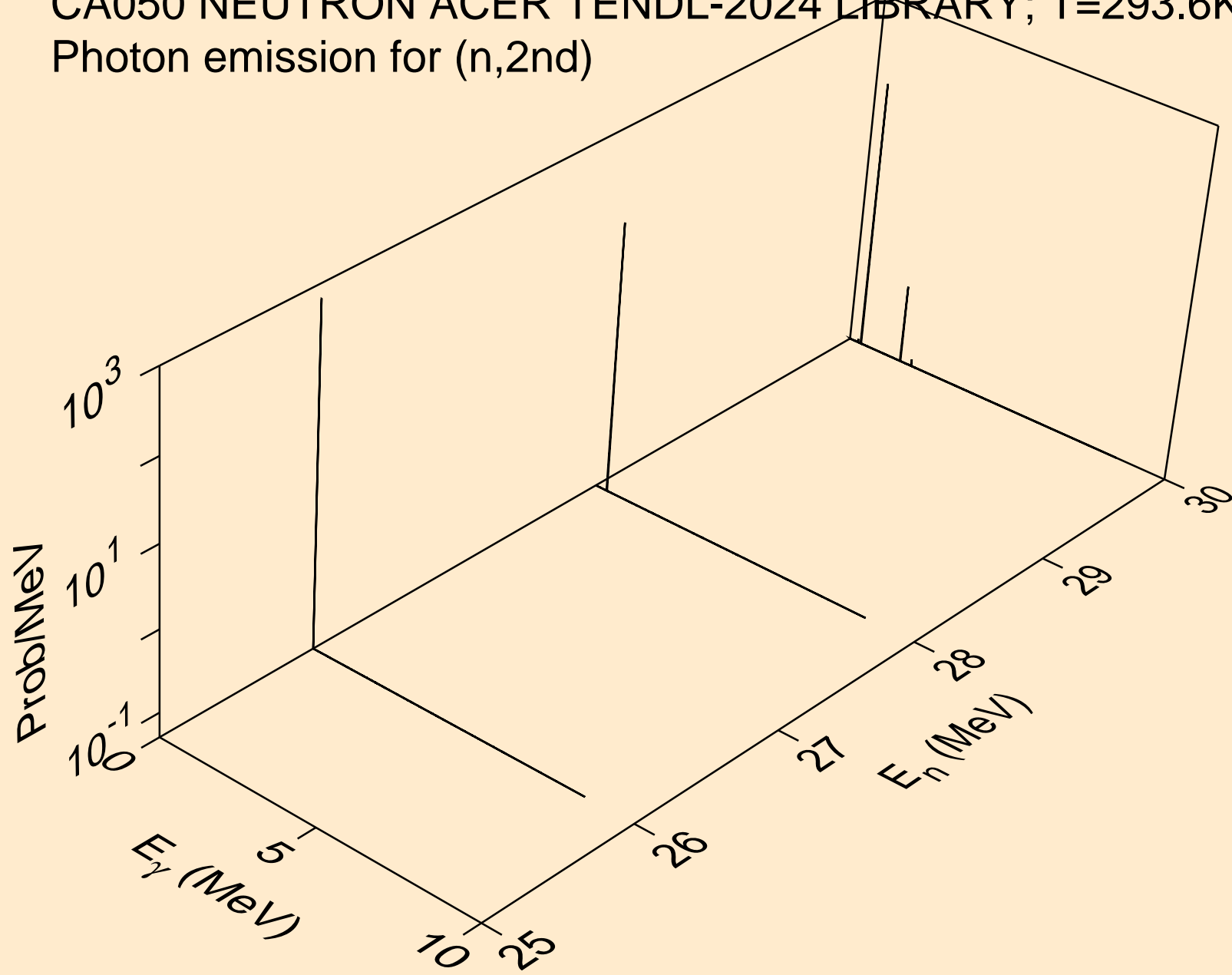
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



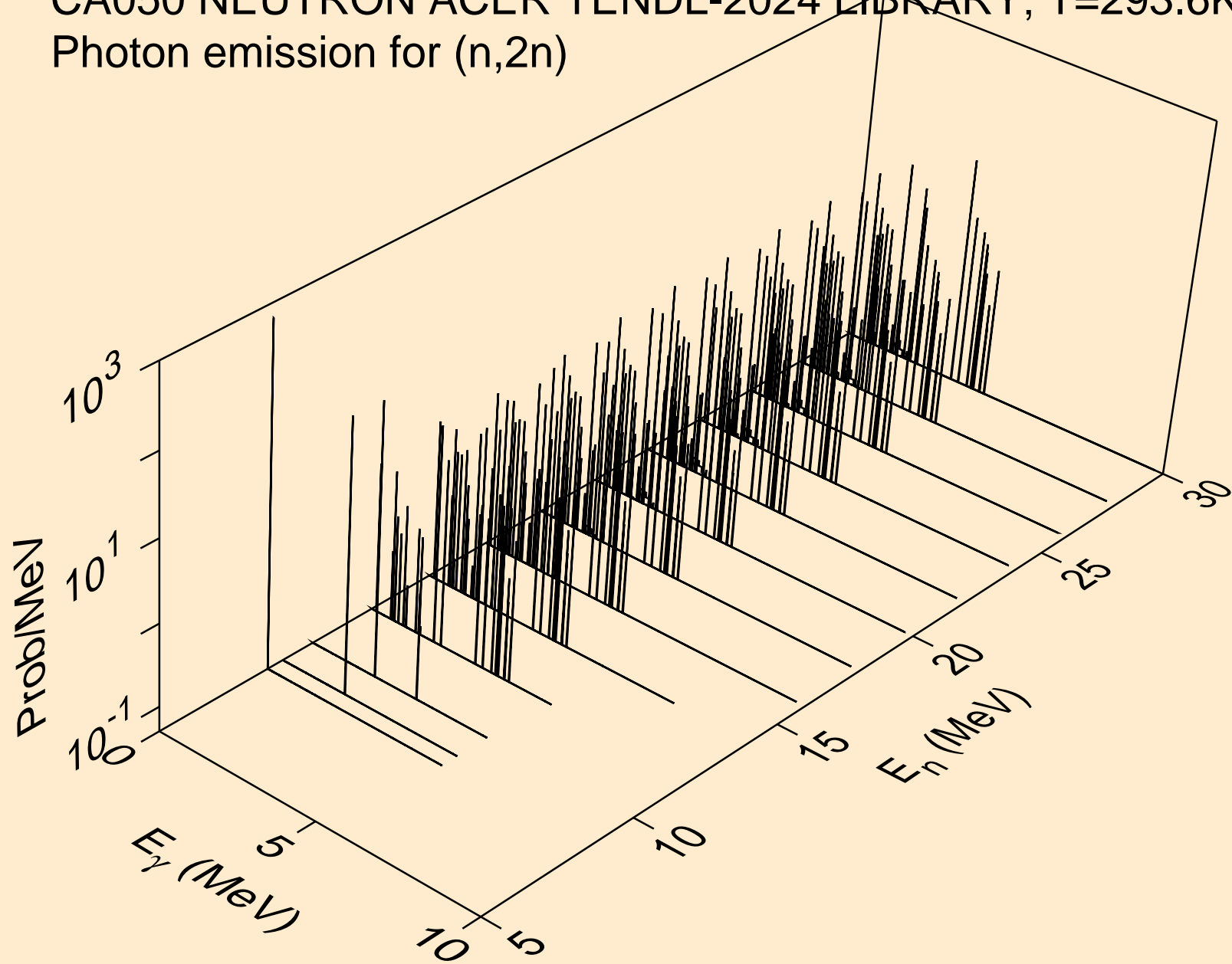
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



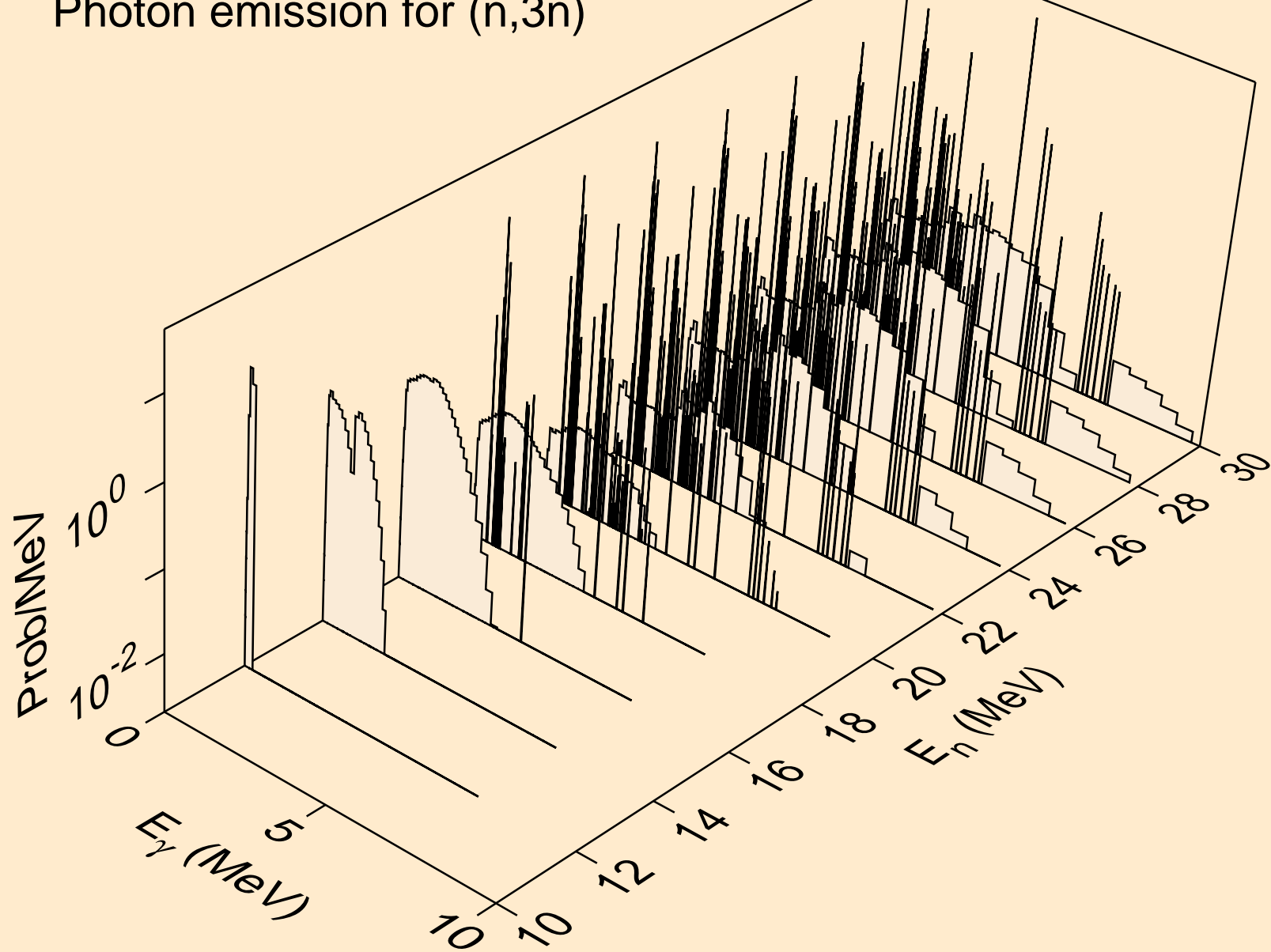
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



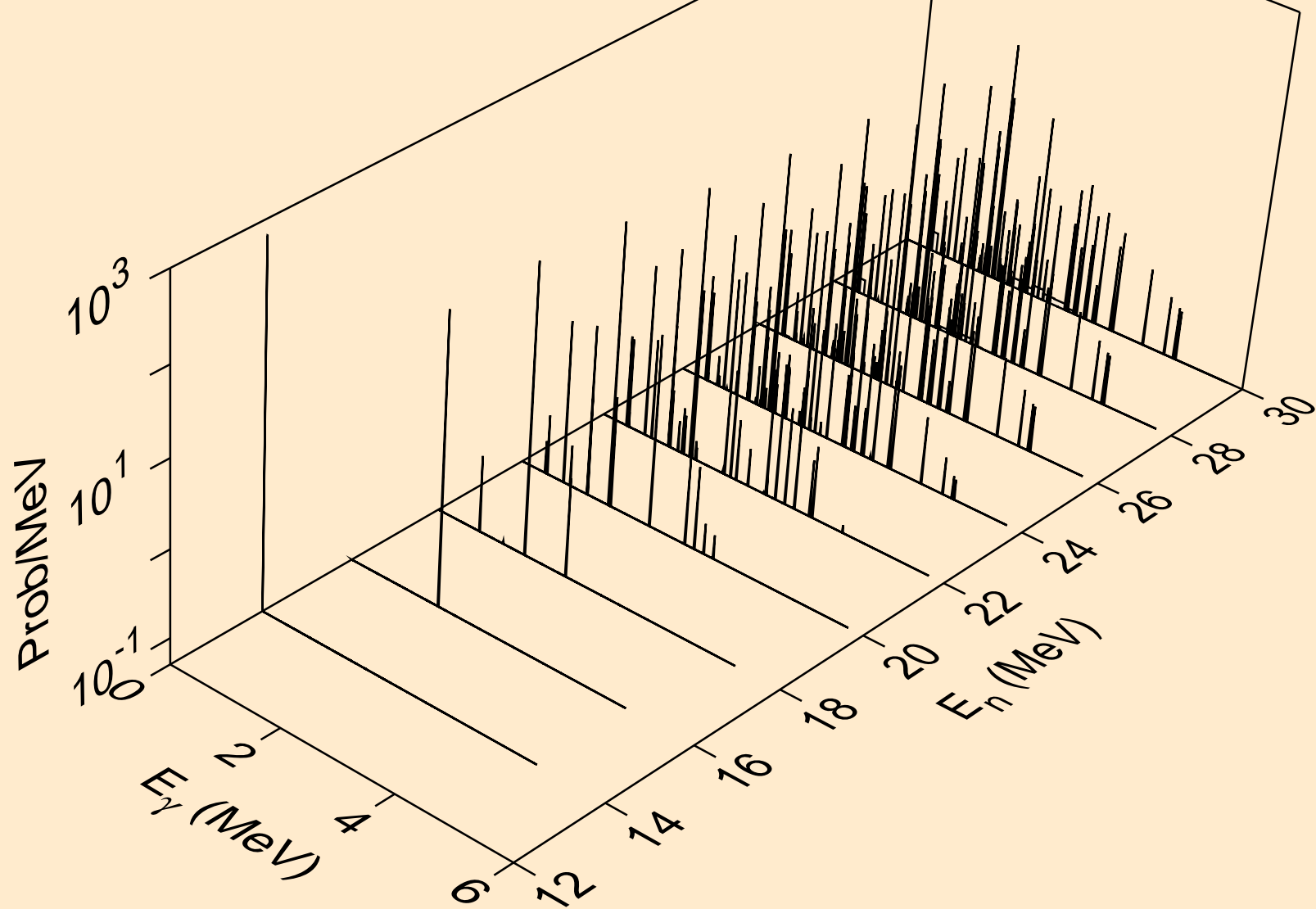
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Photon emission for (n,2n)



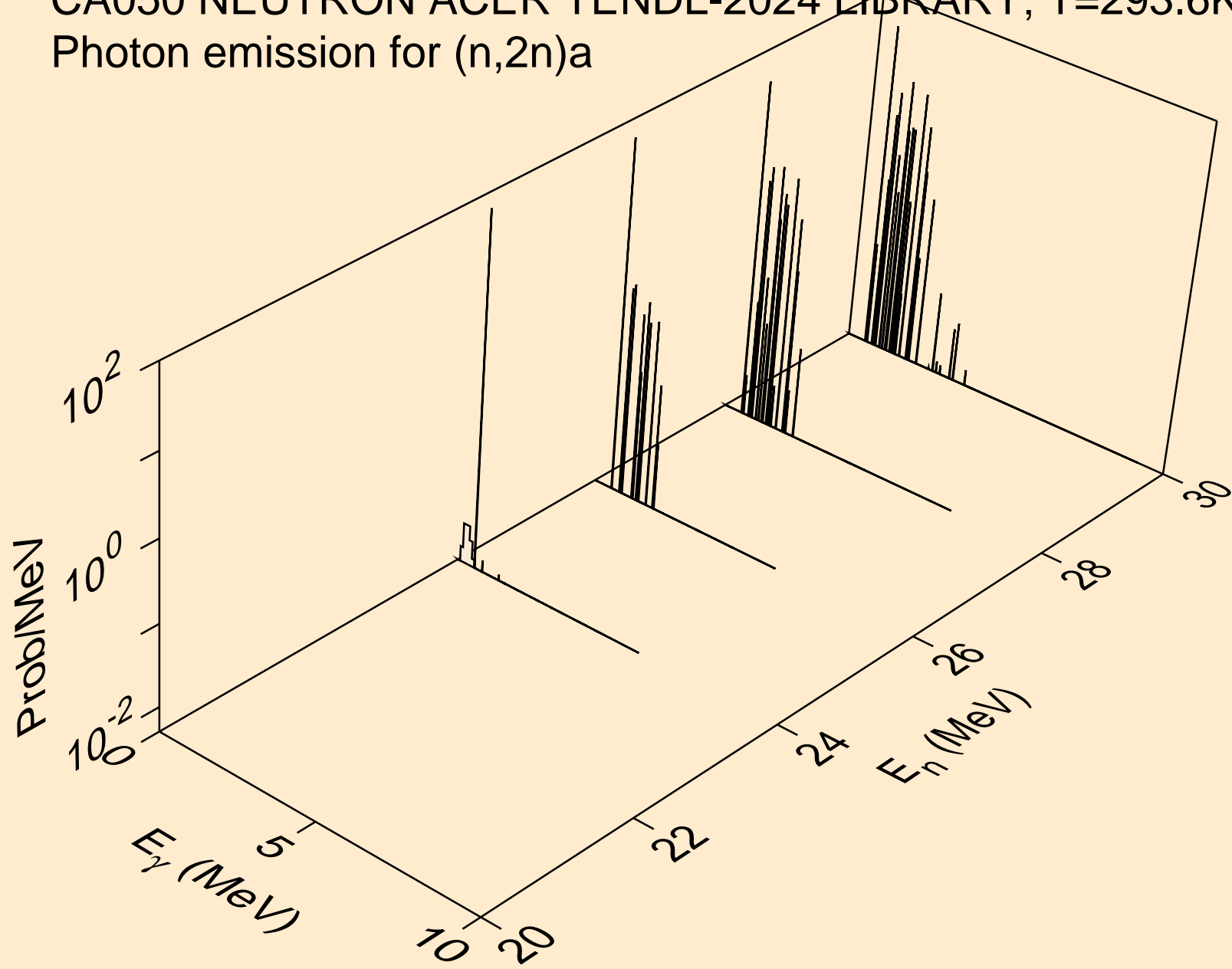
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



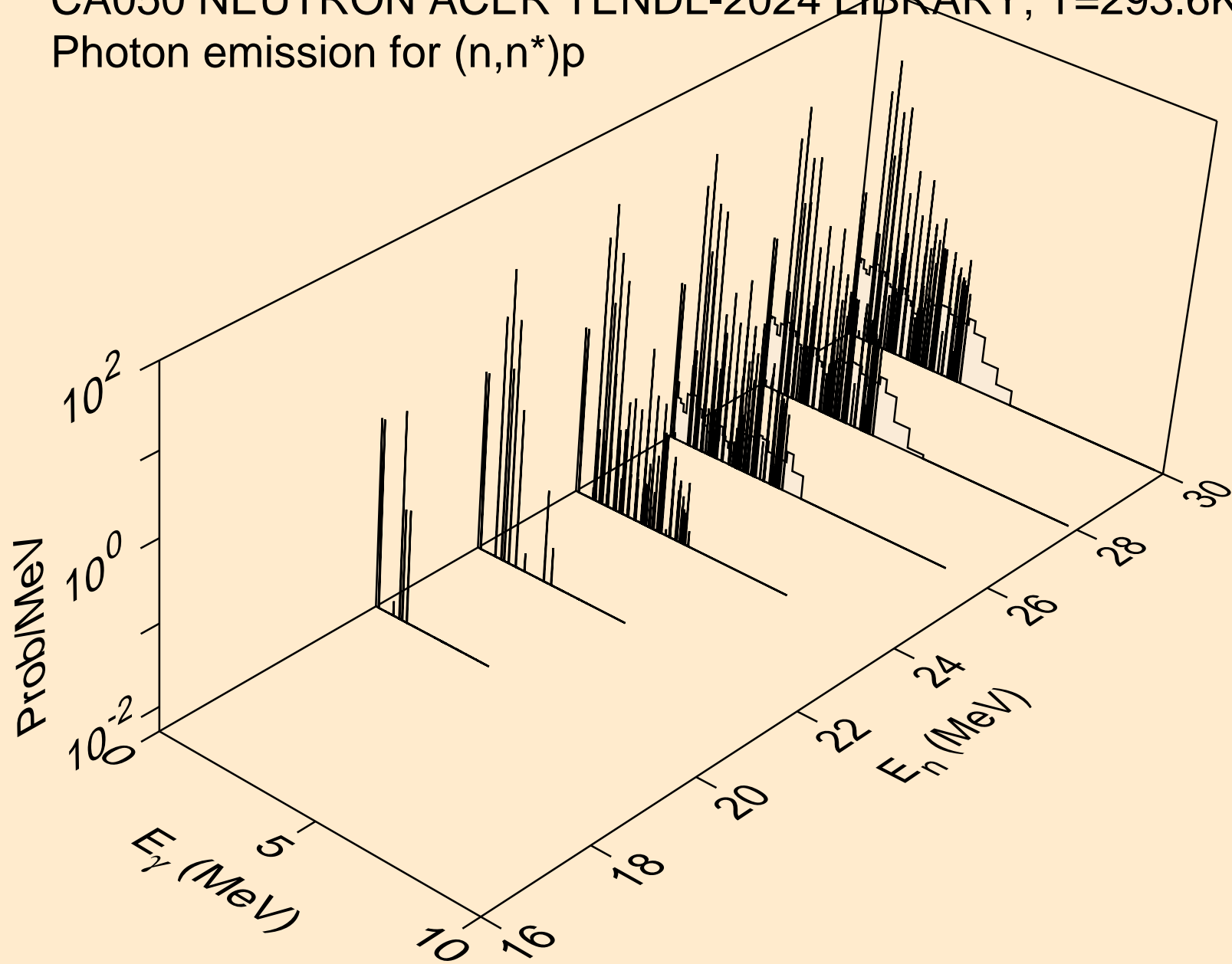
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



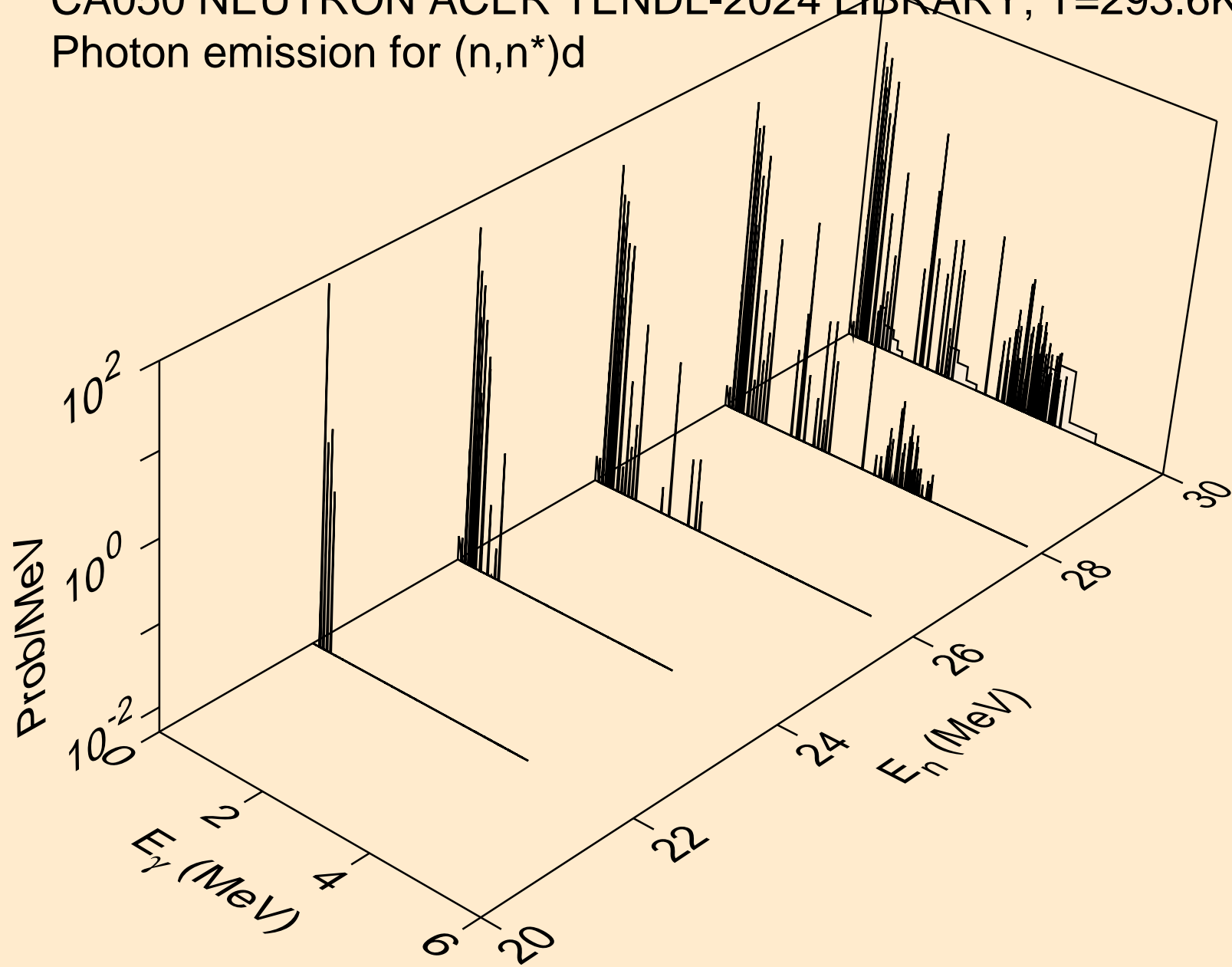
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



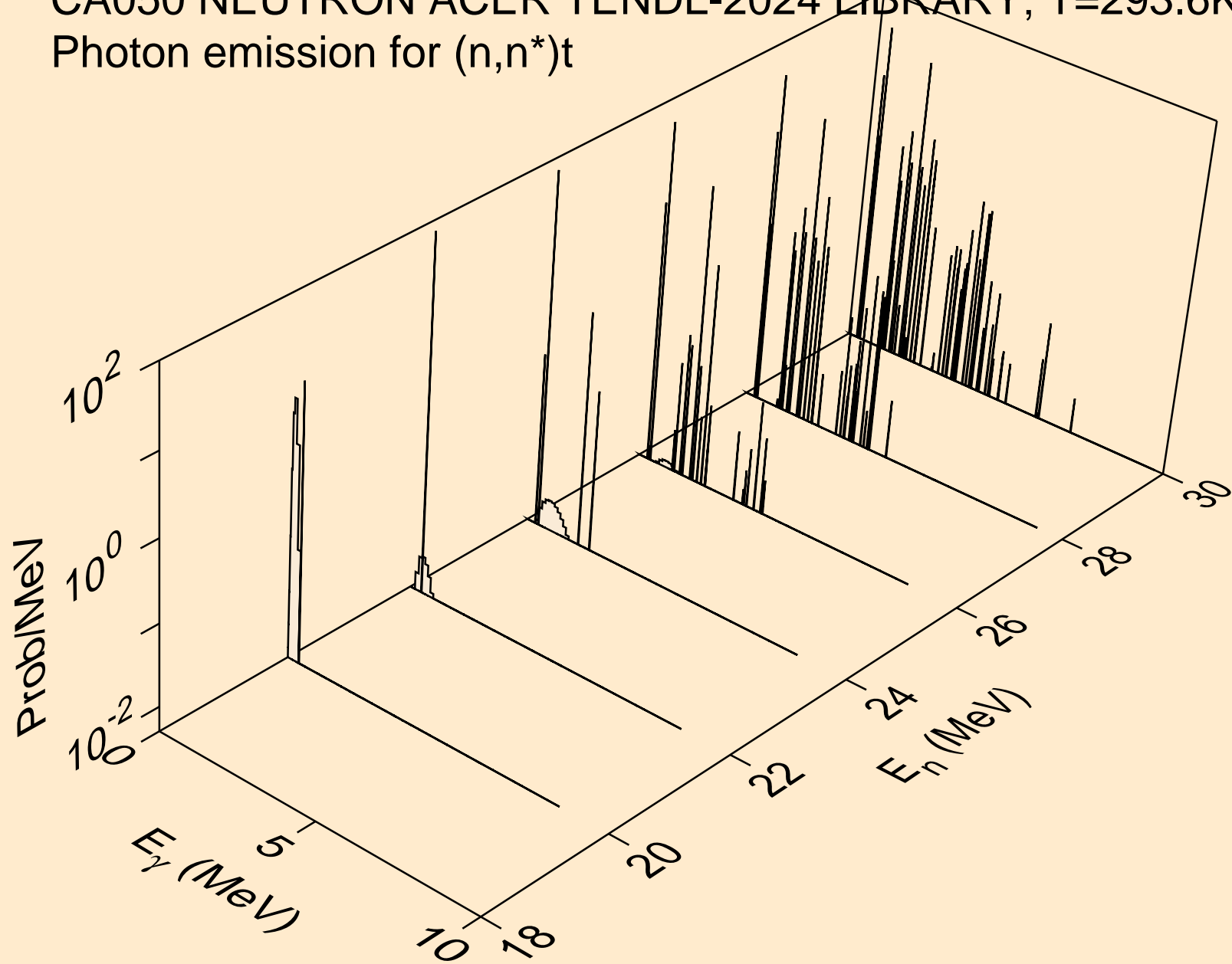
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



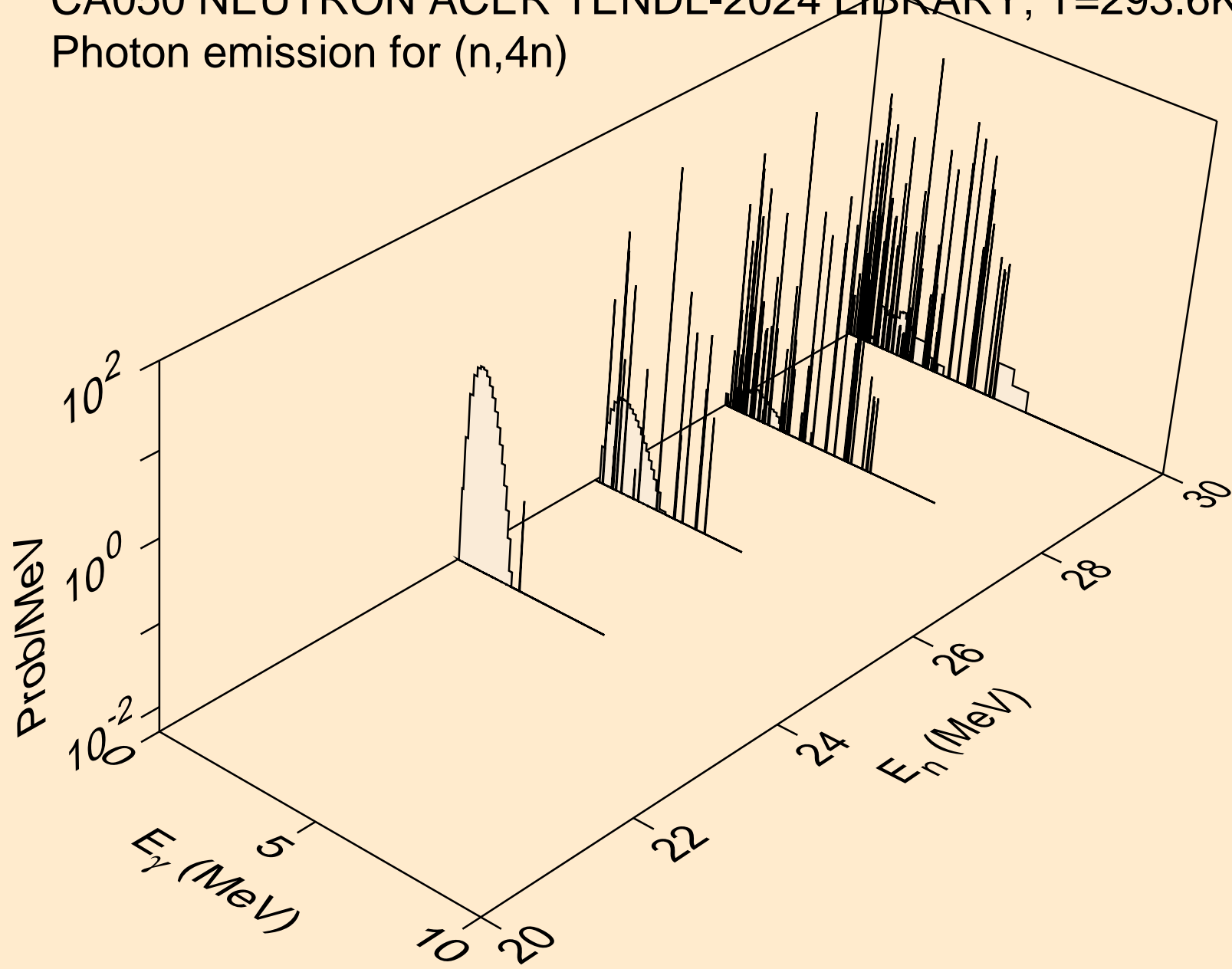
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



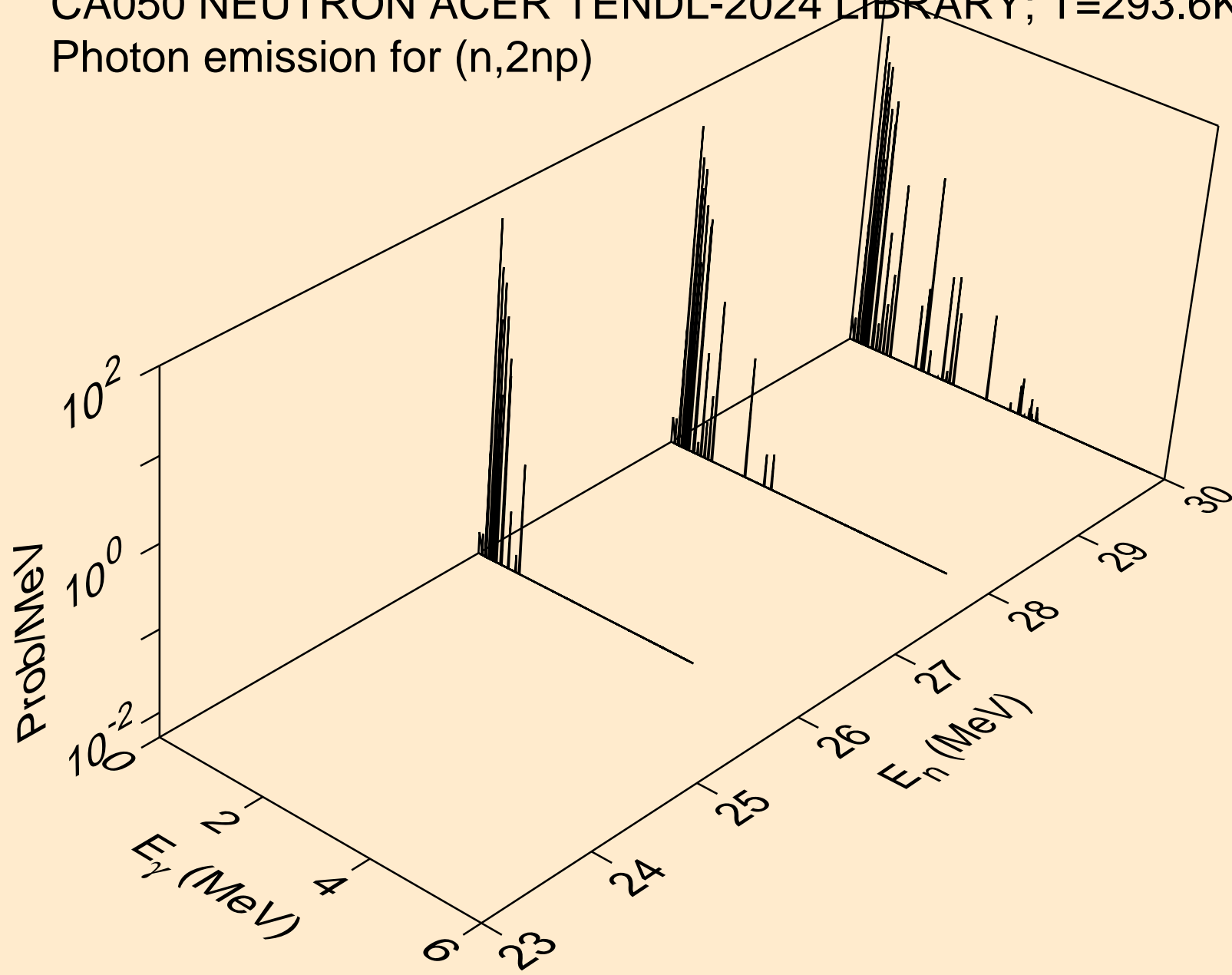
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



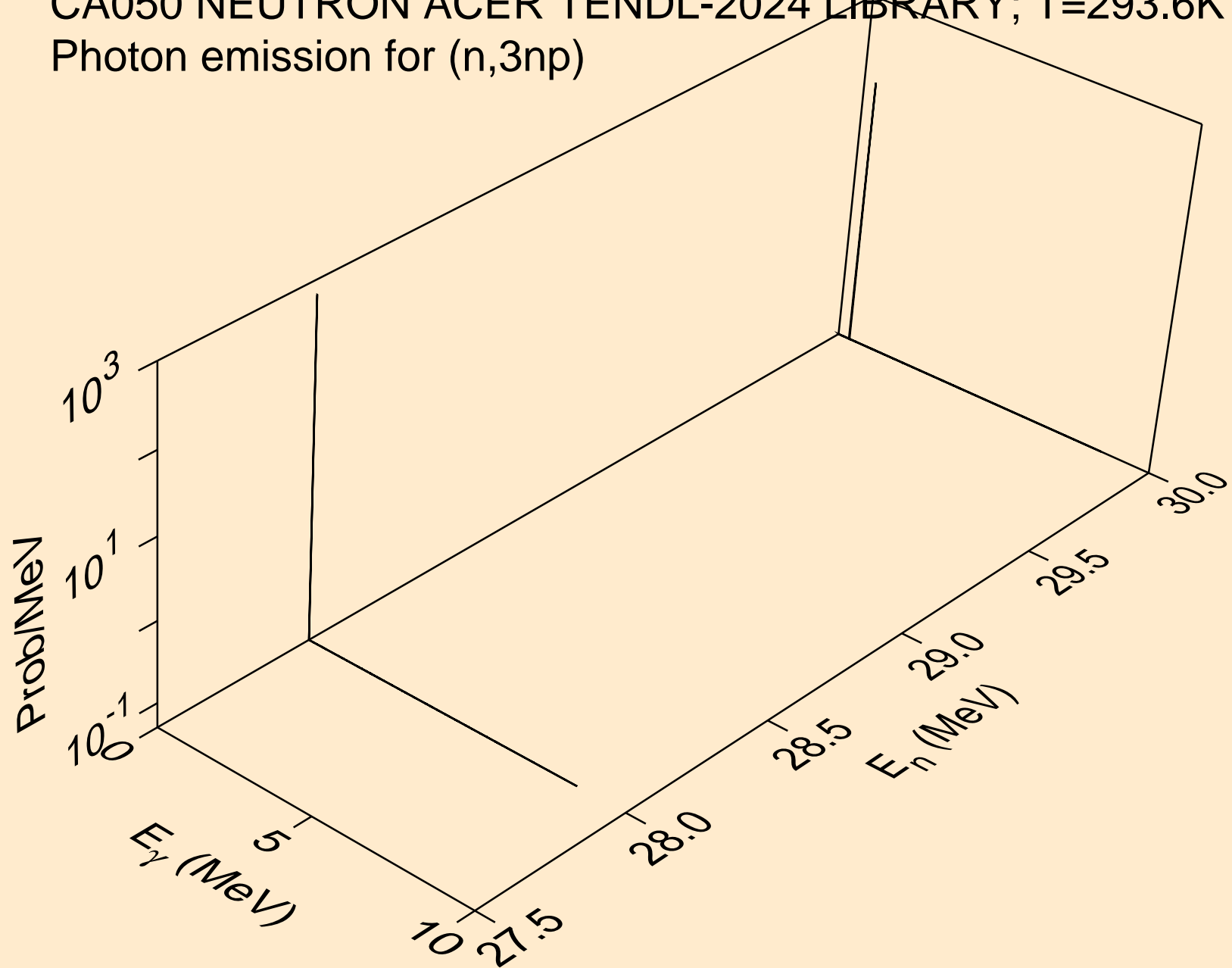
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



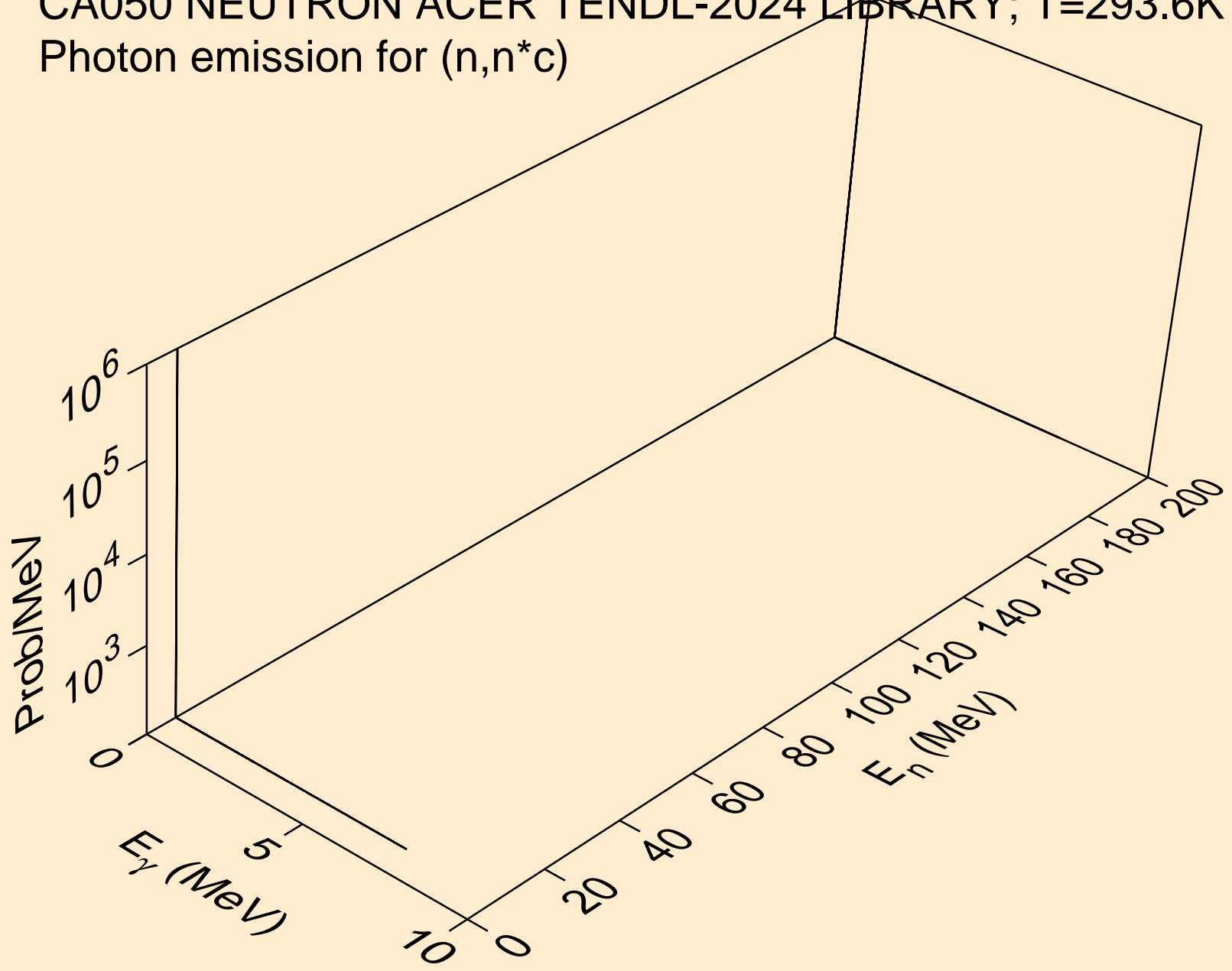
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



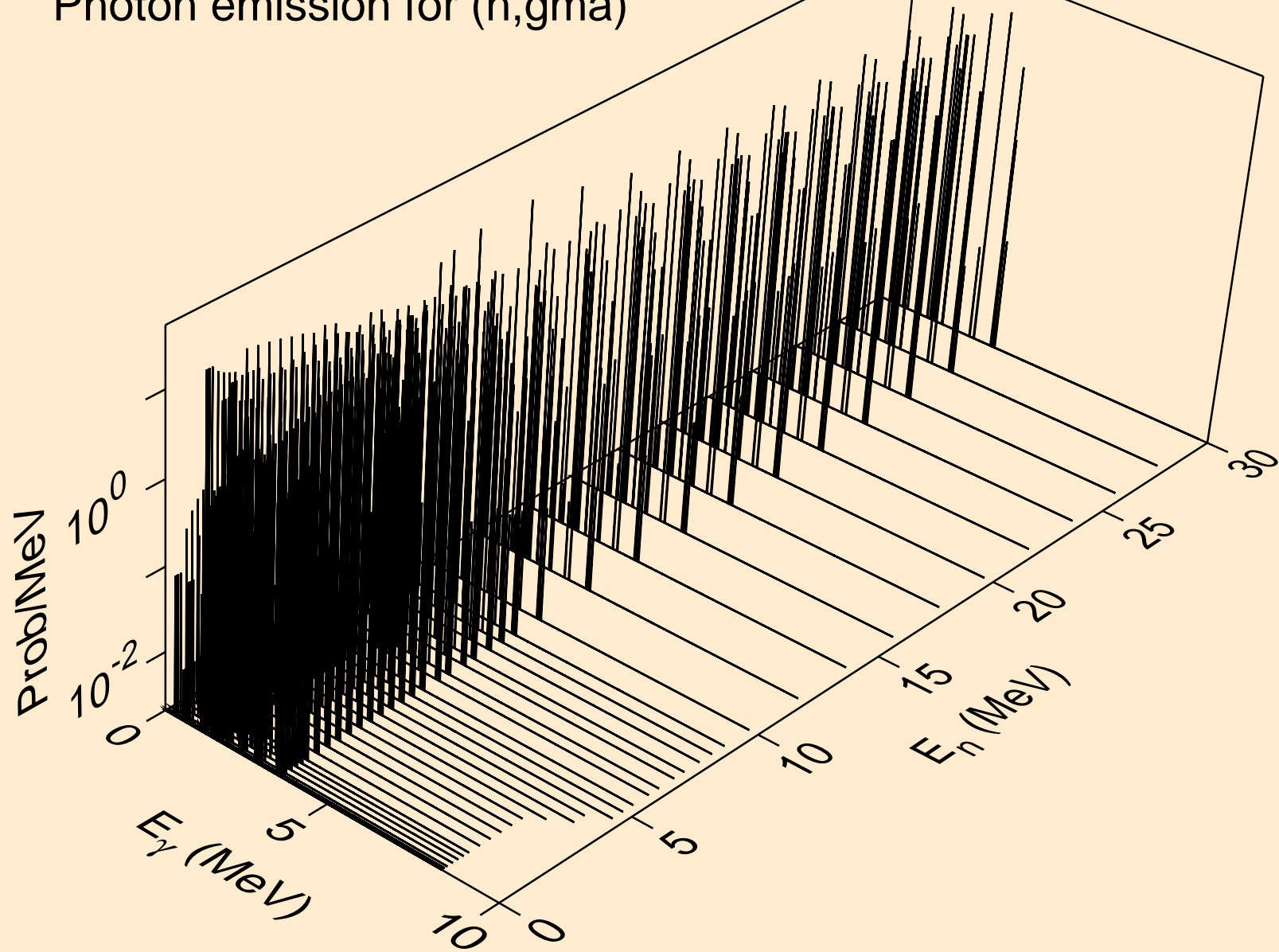
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



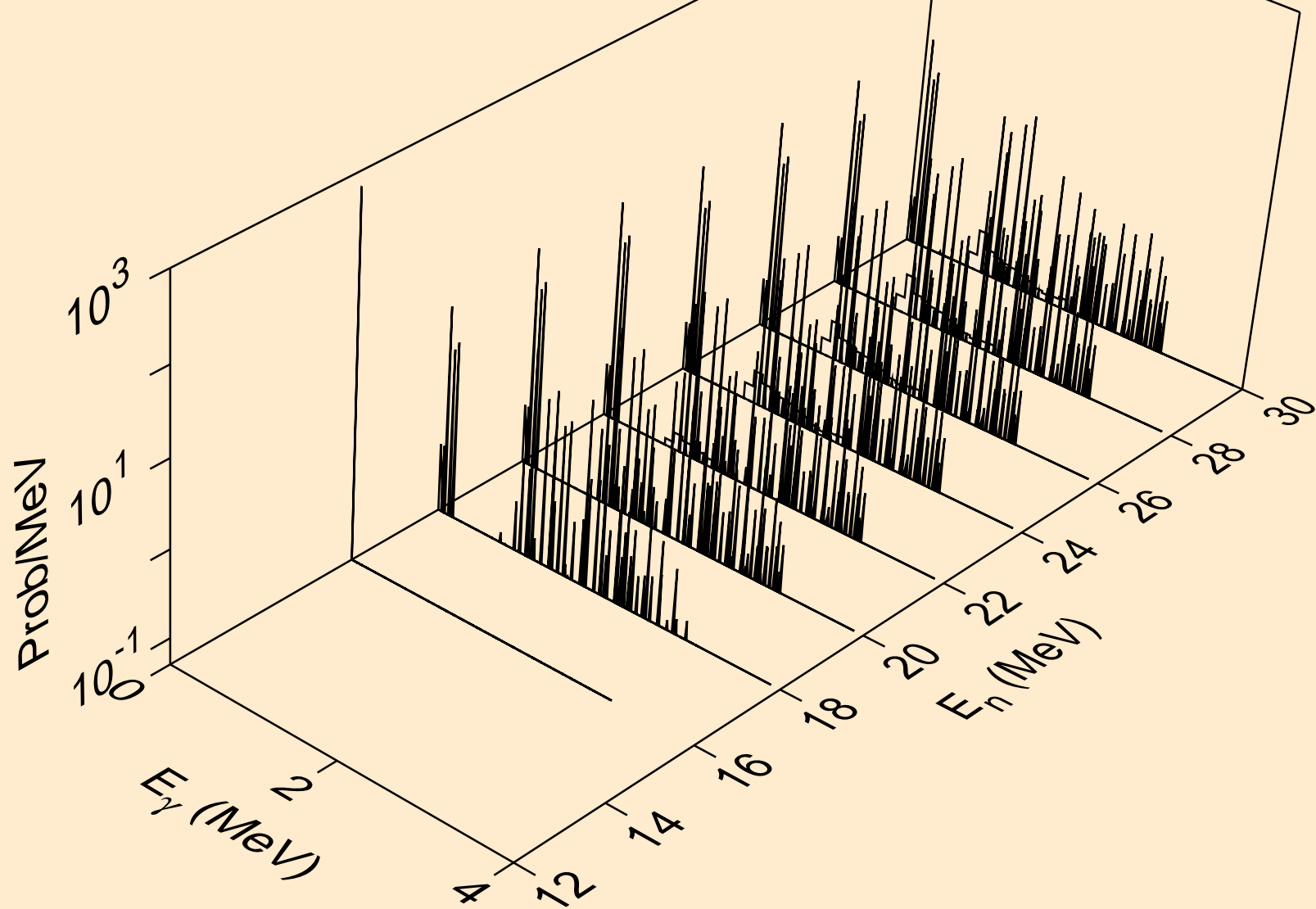
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



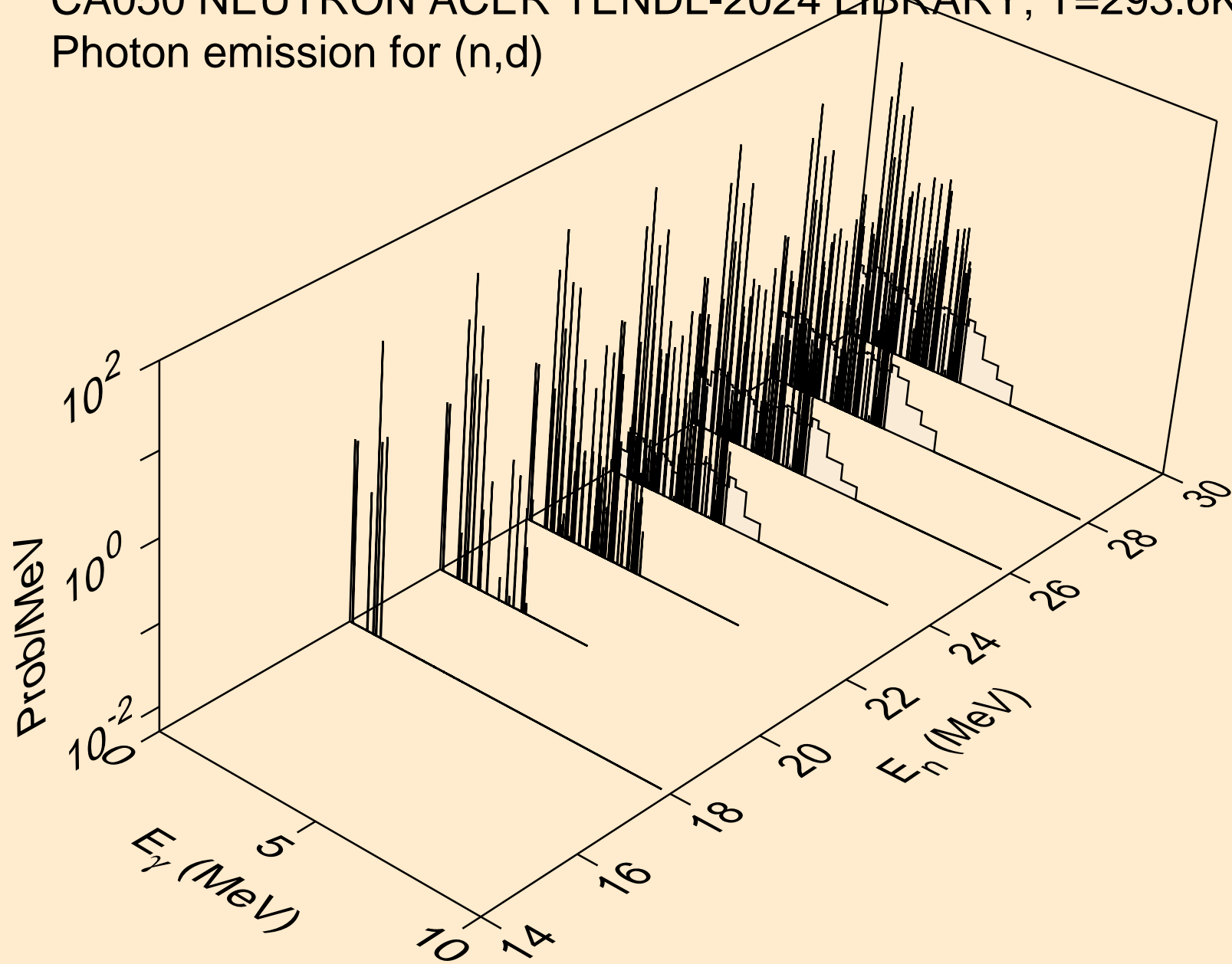
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,gma)



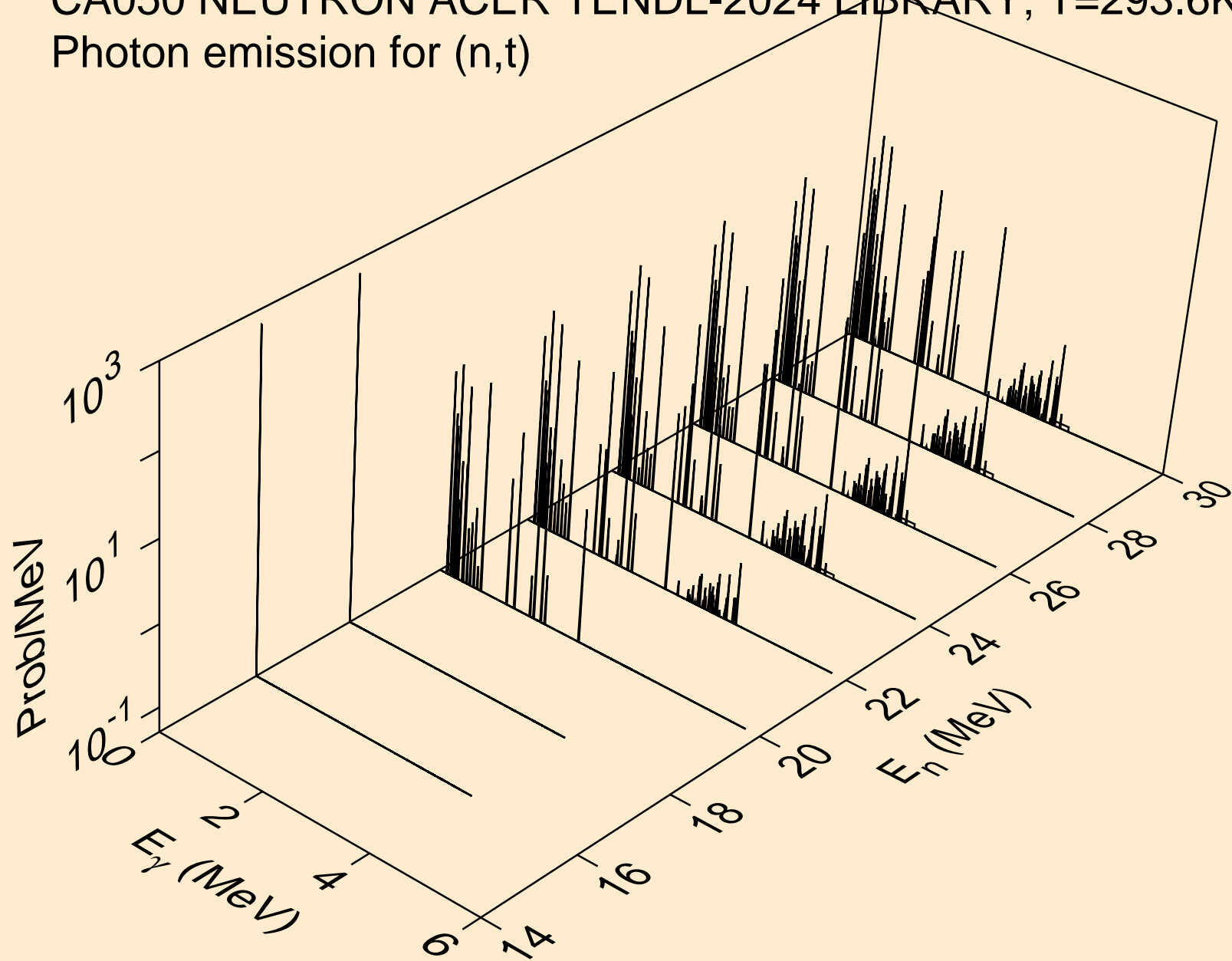
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



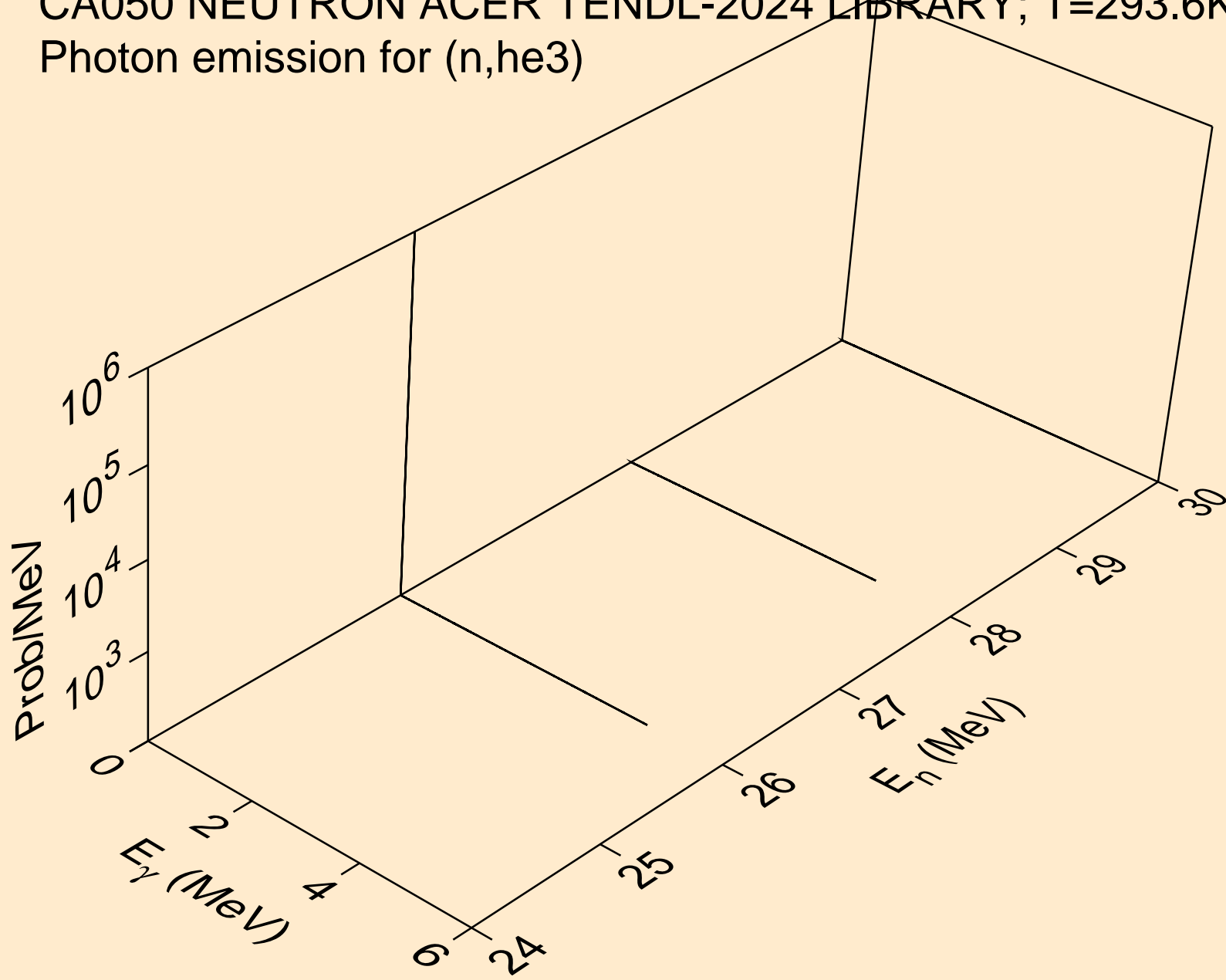
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



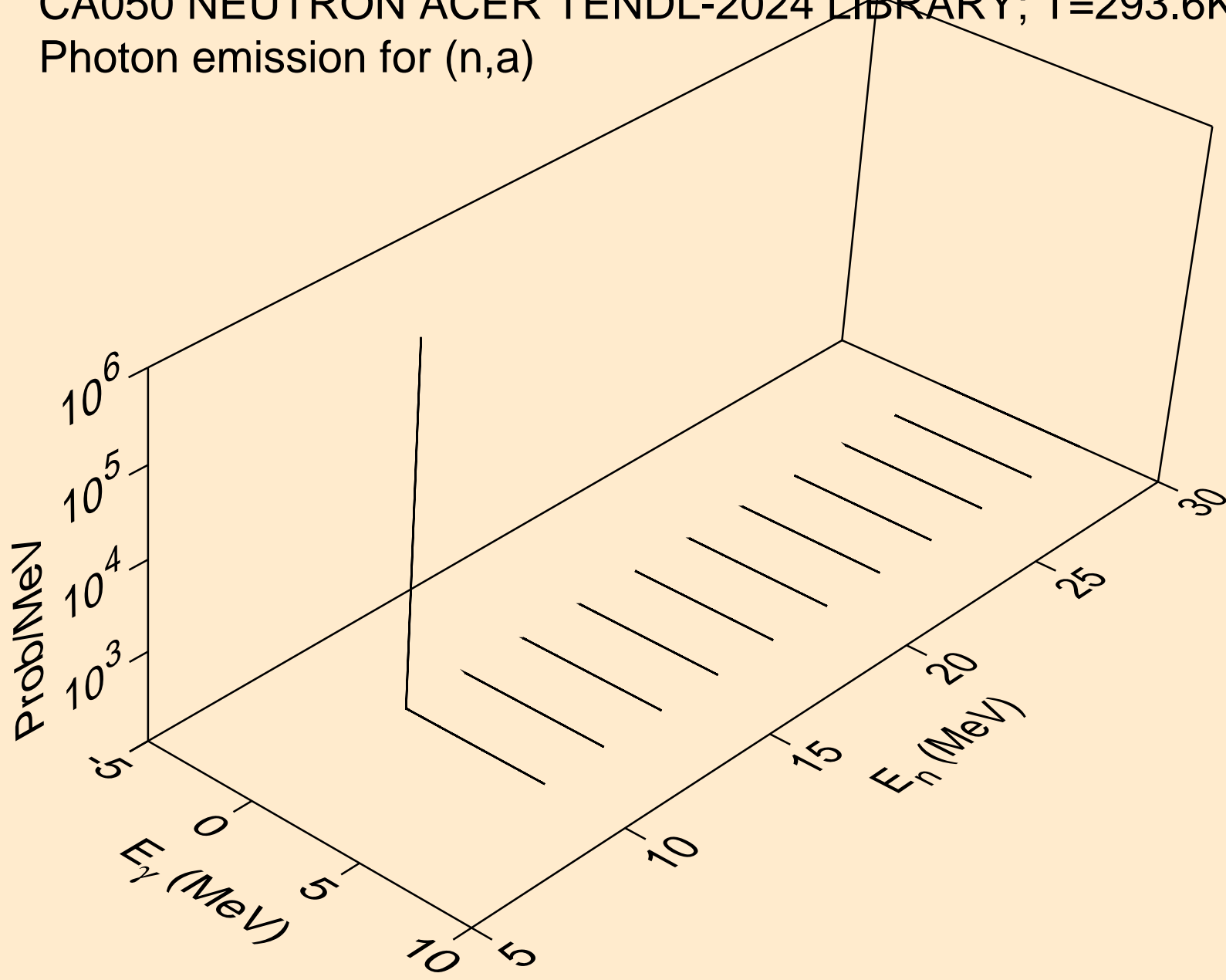
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



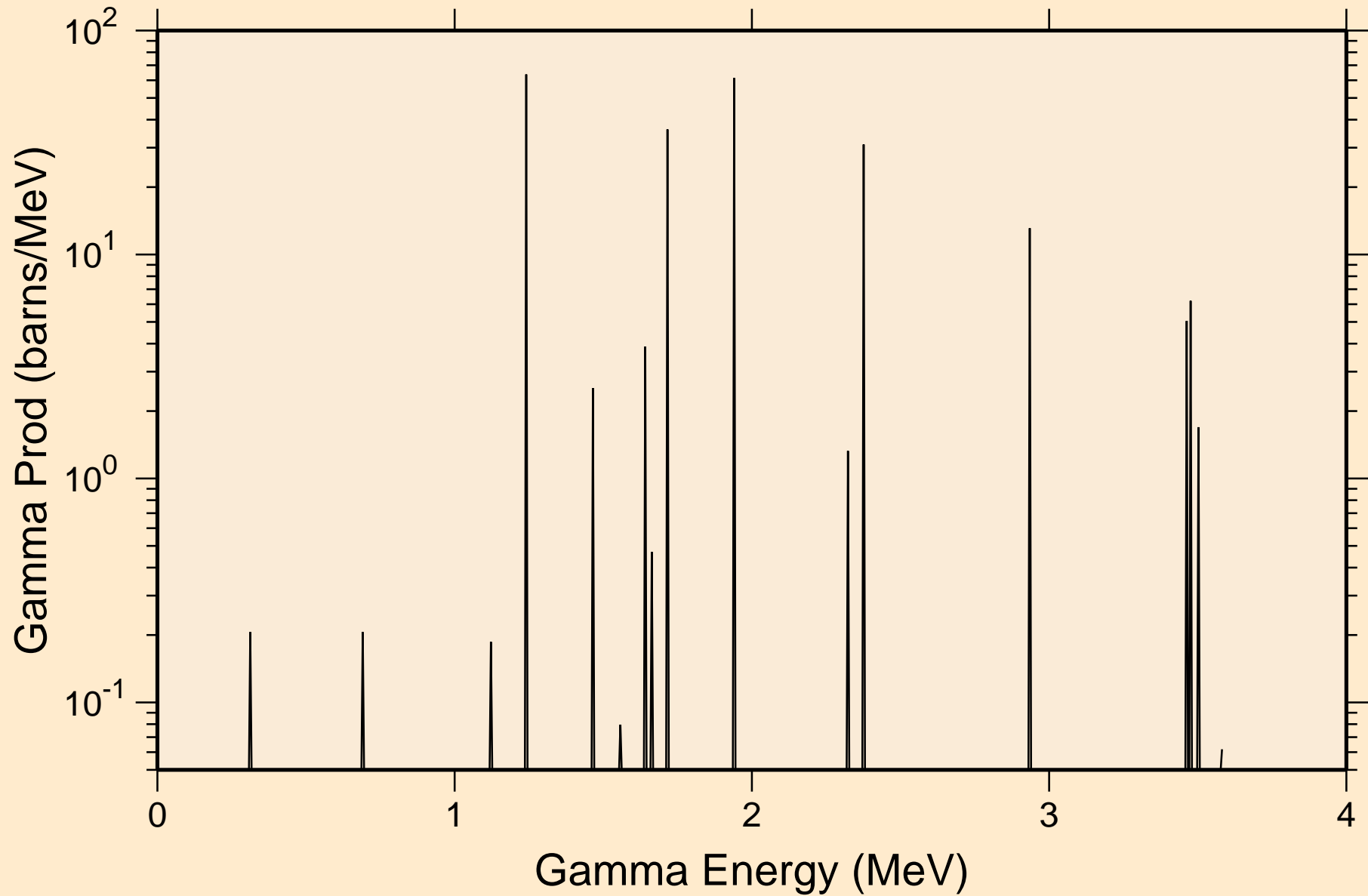
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



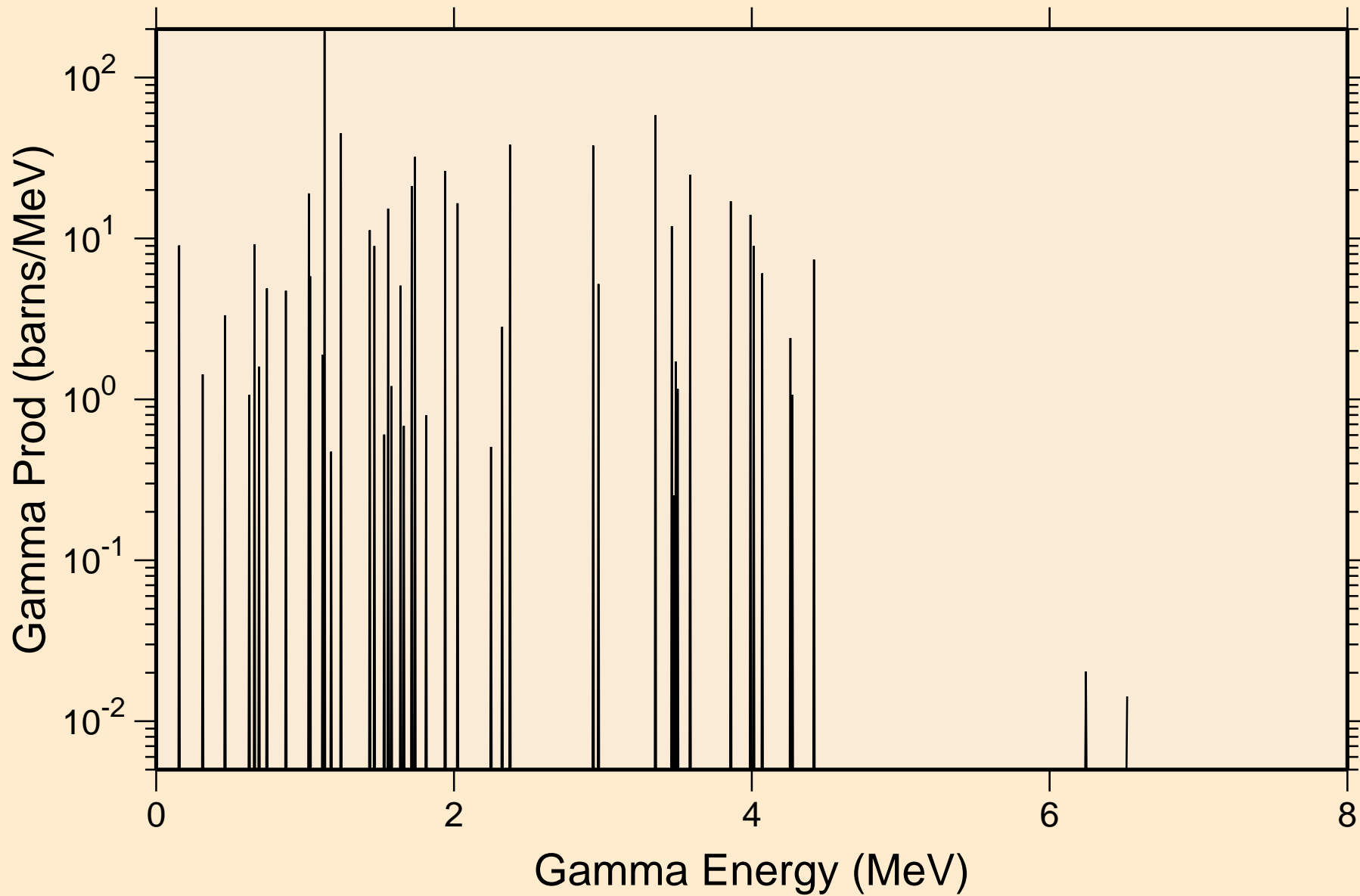
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum

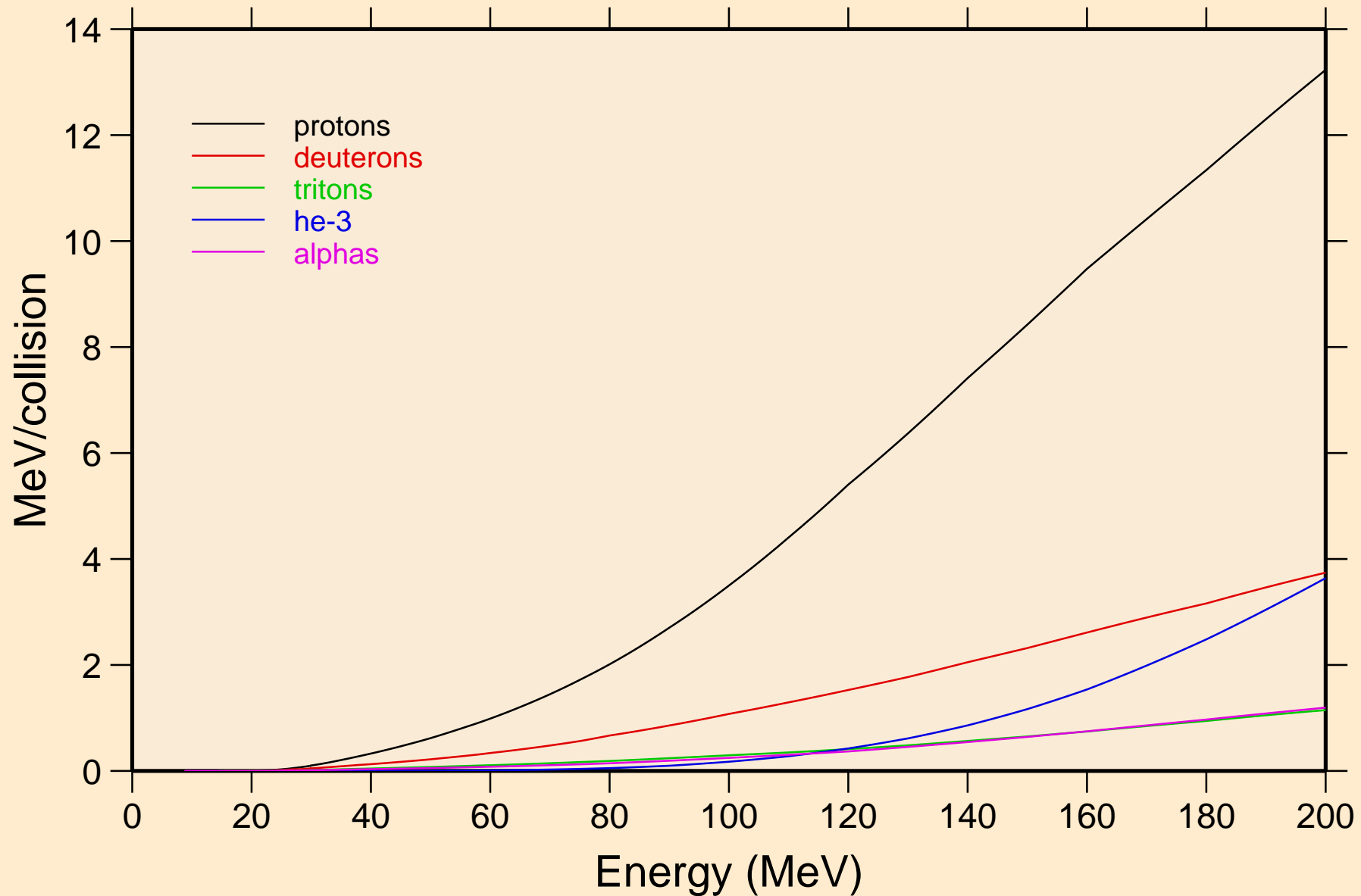


CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum

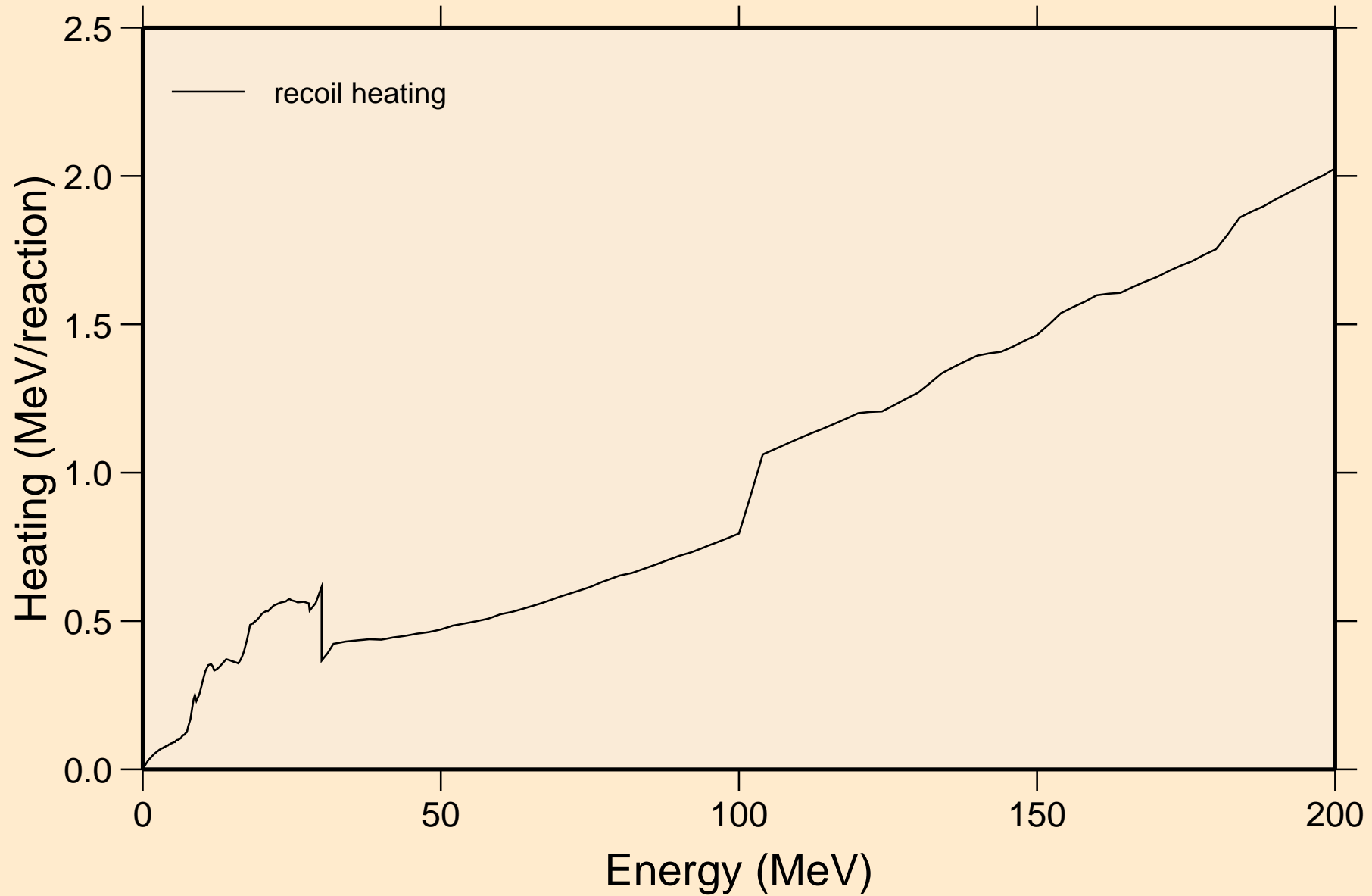


# CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

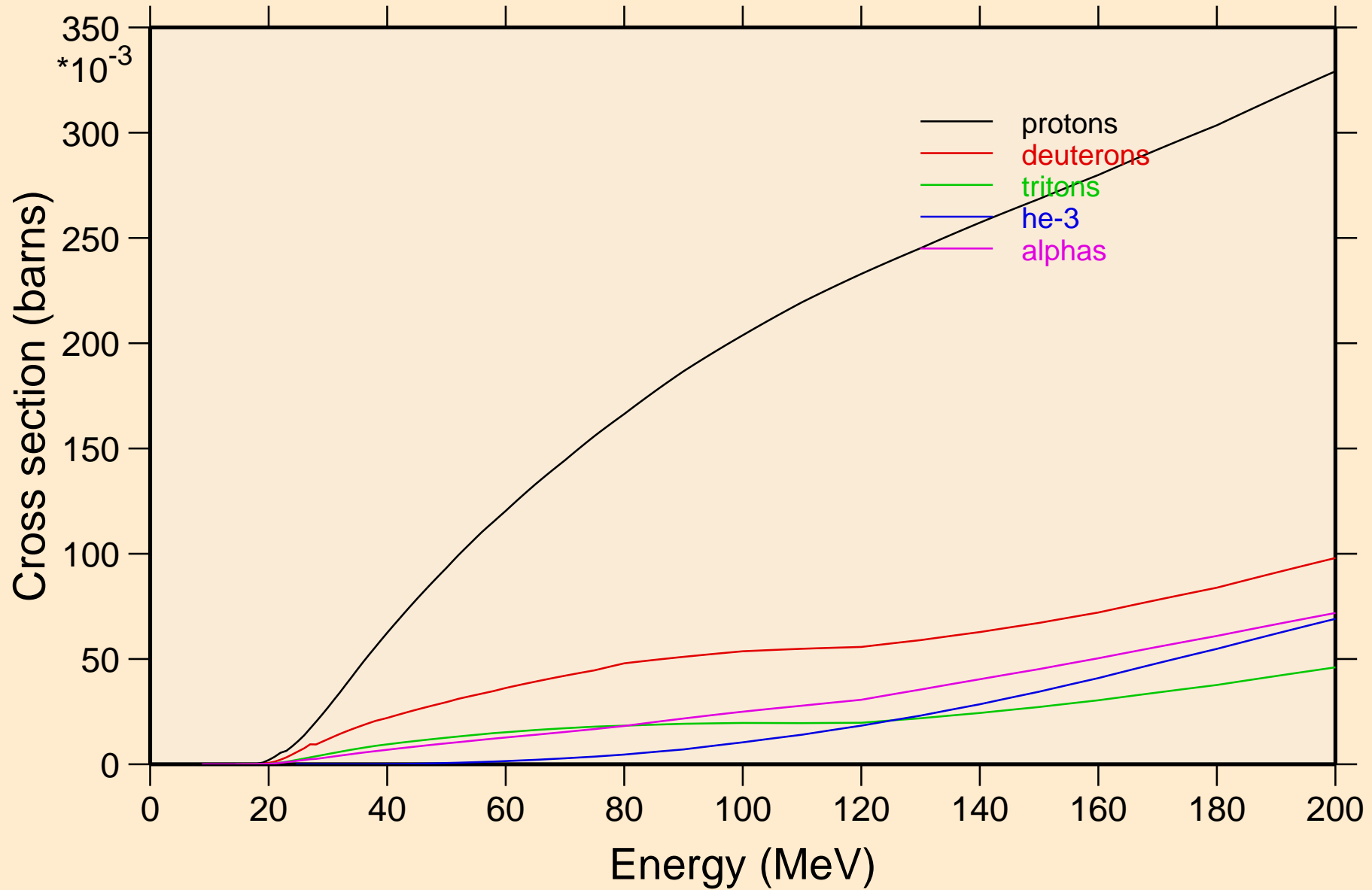
## Particle heating contributions



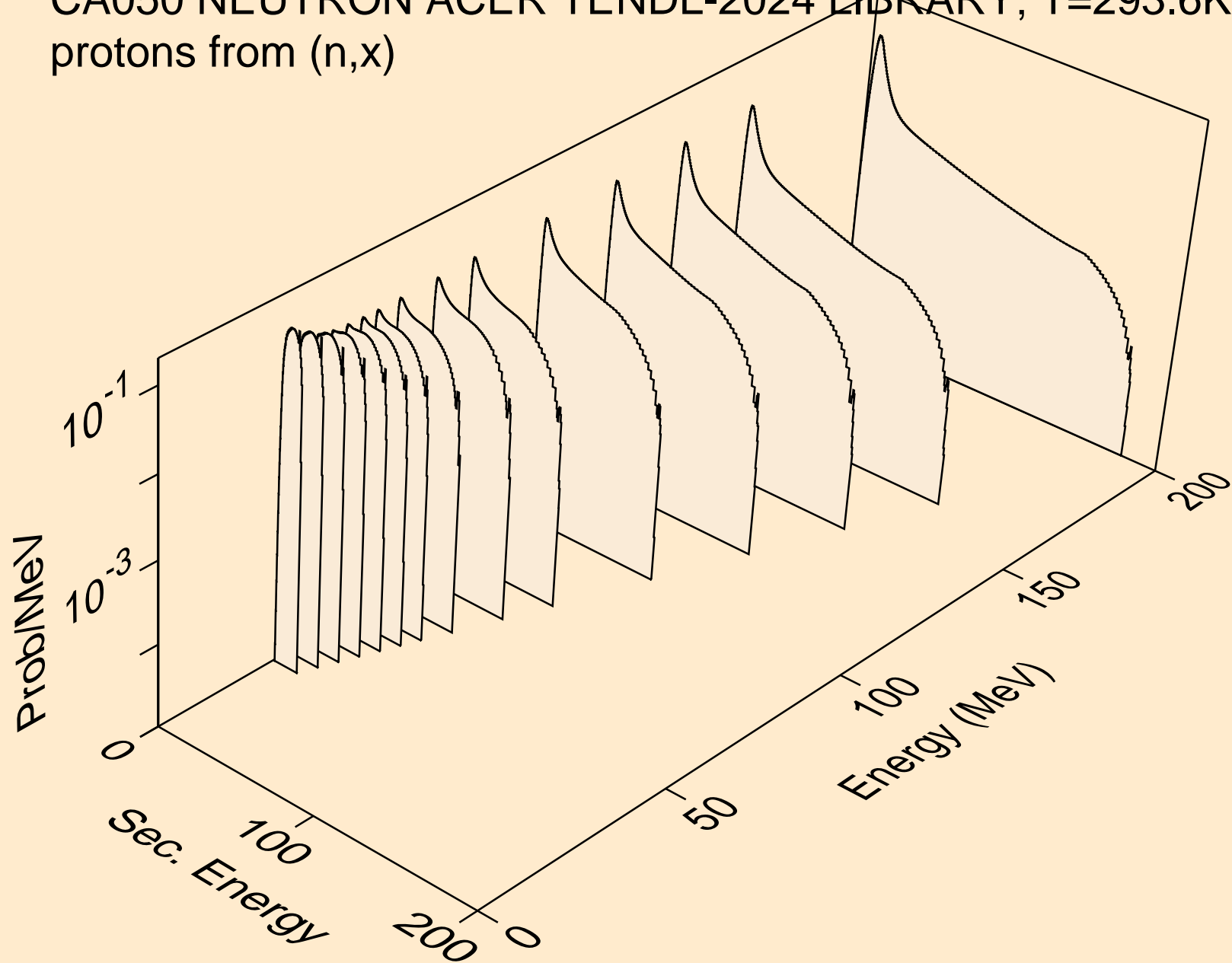
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating



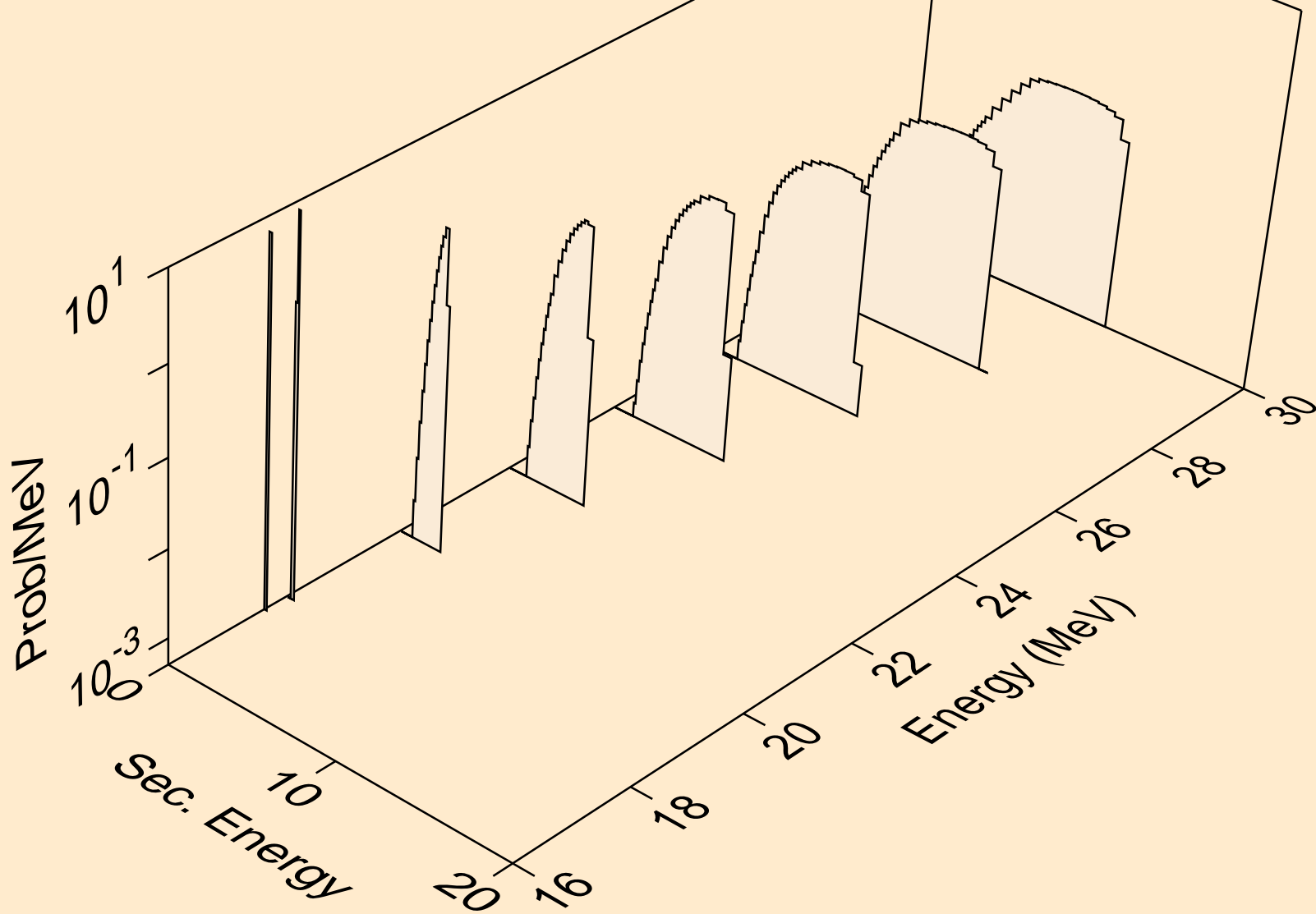
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



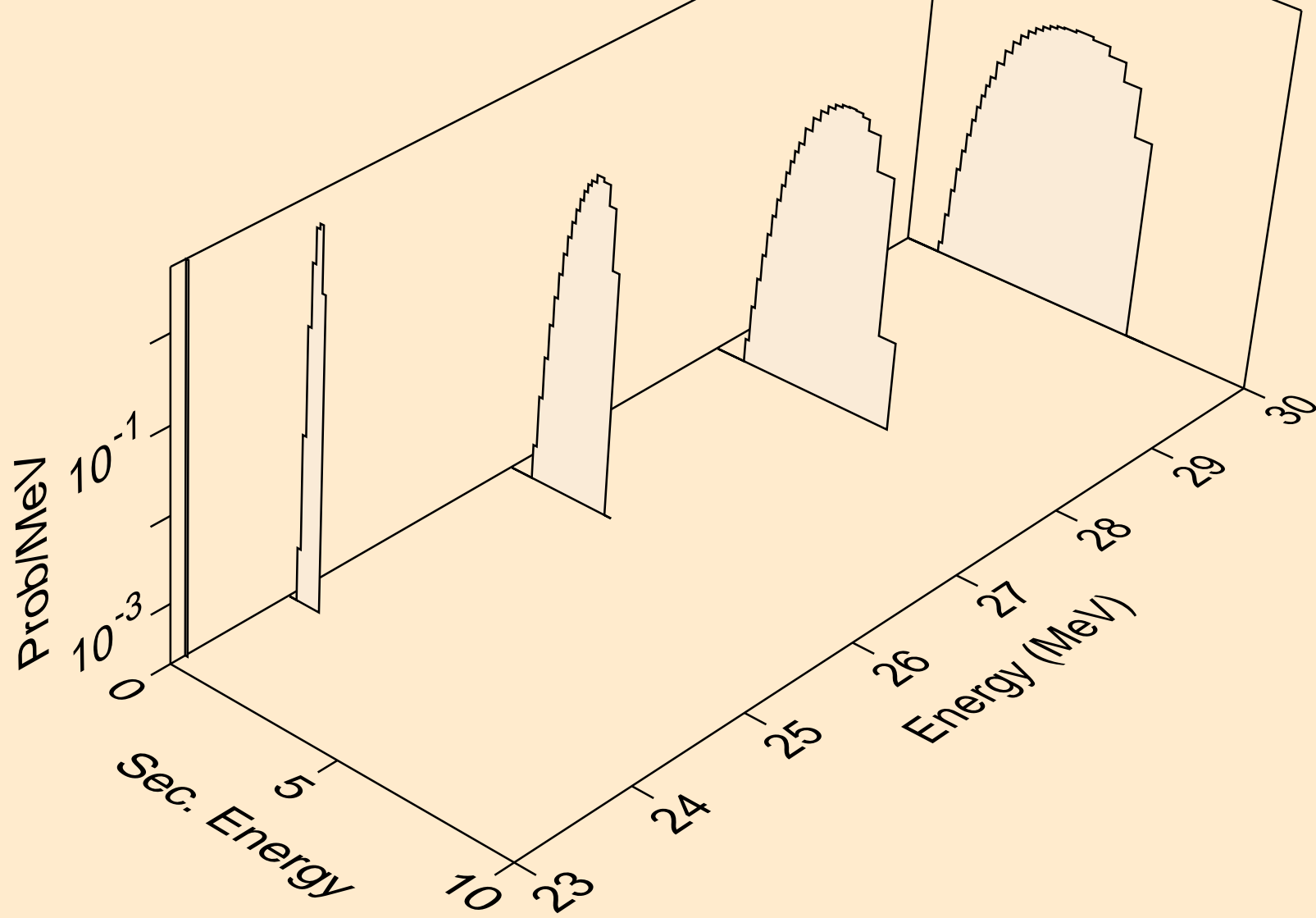
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



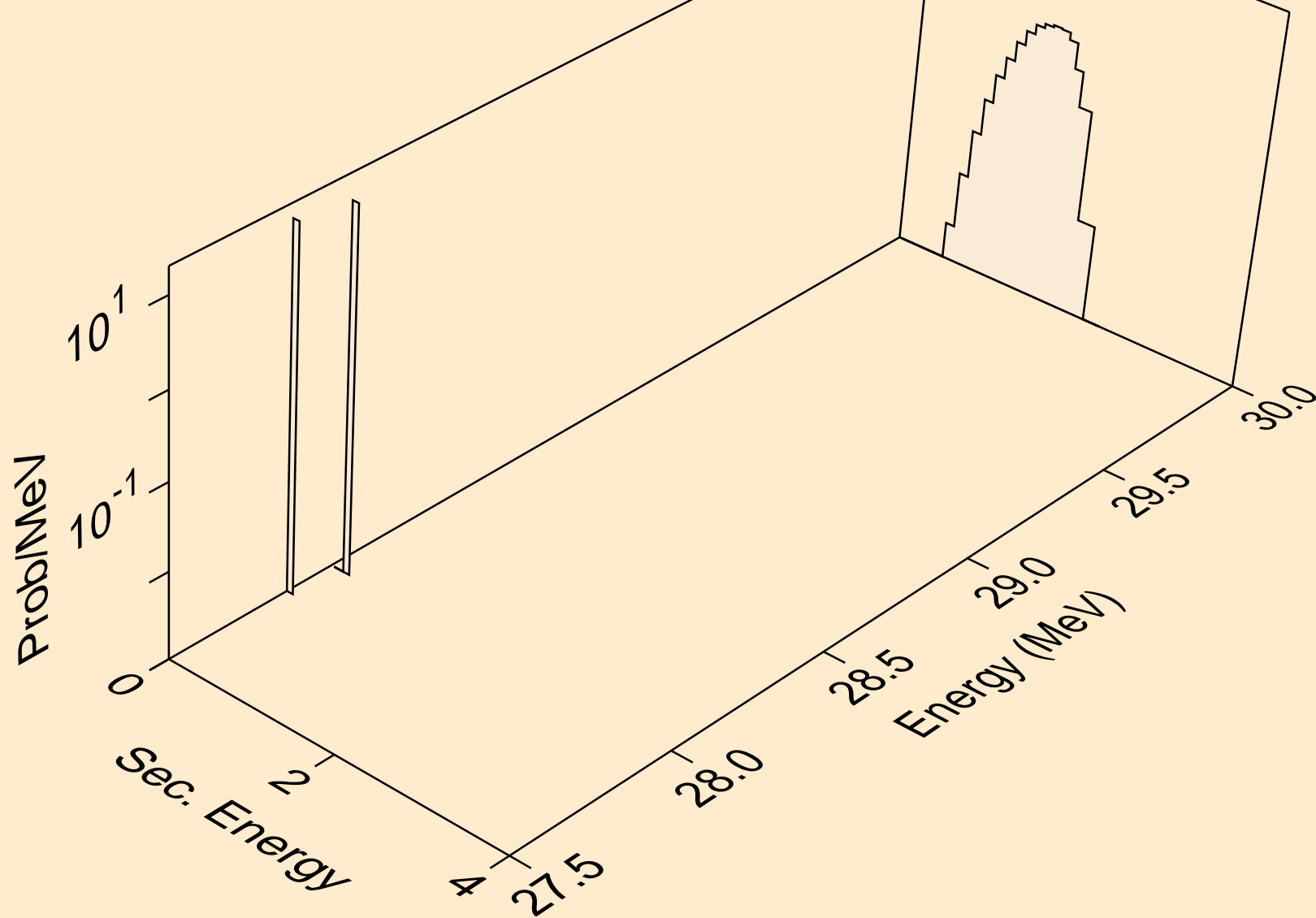
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



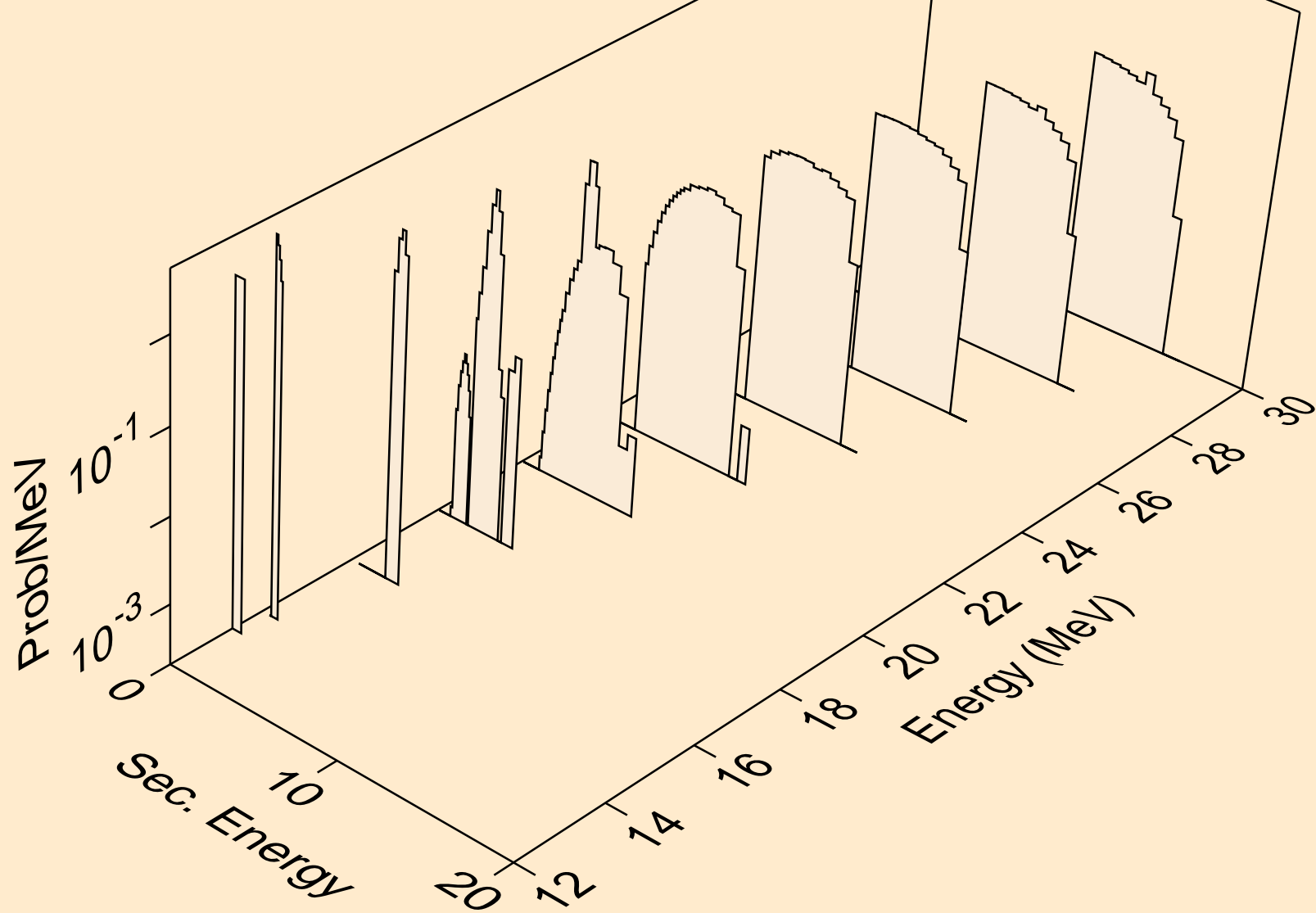
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,2np)



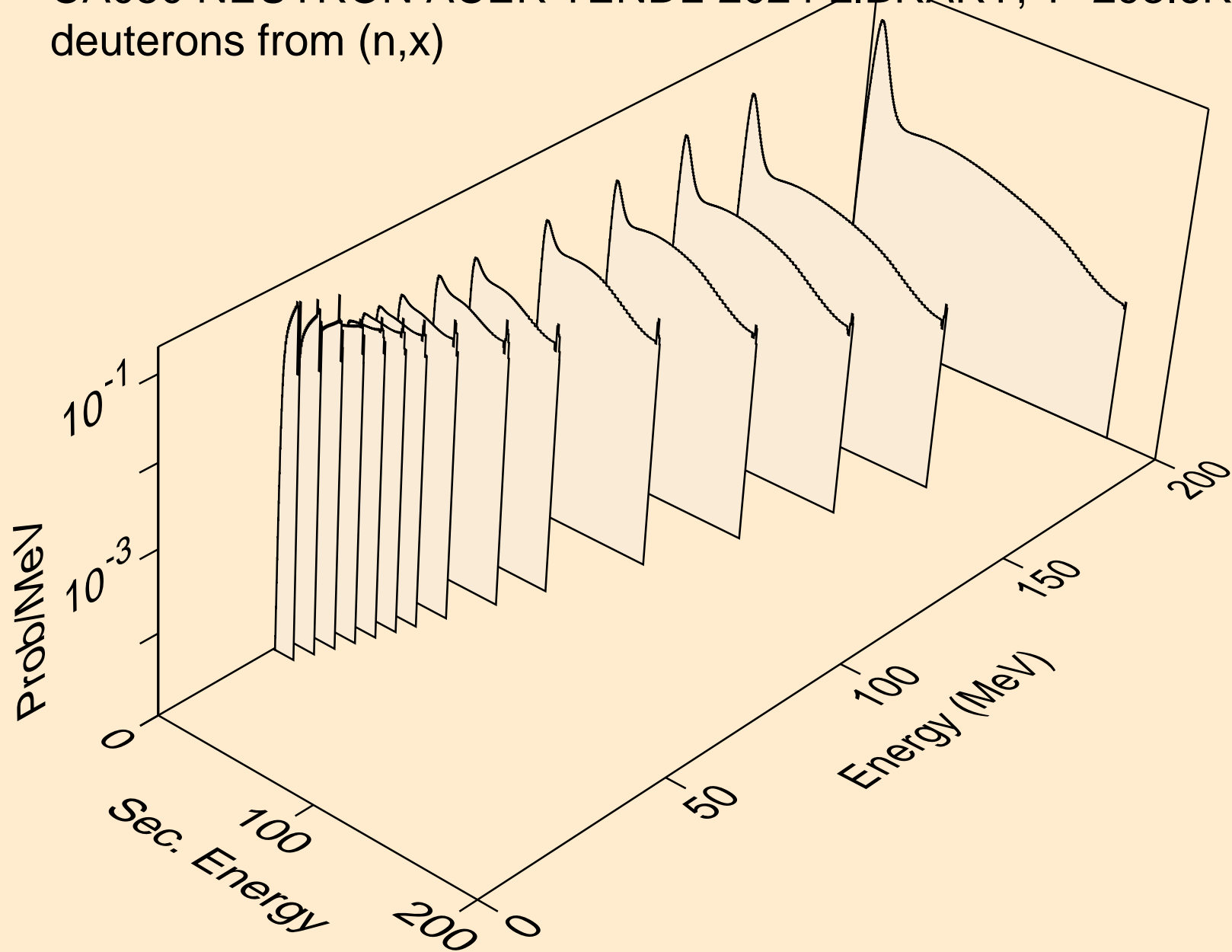
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,3np)



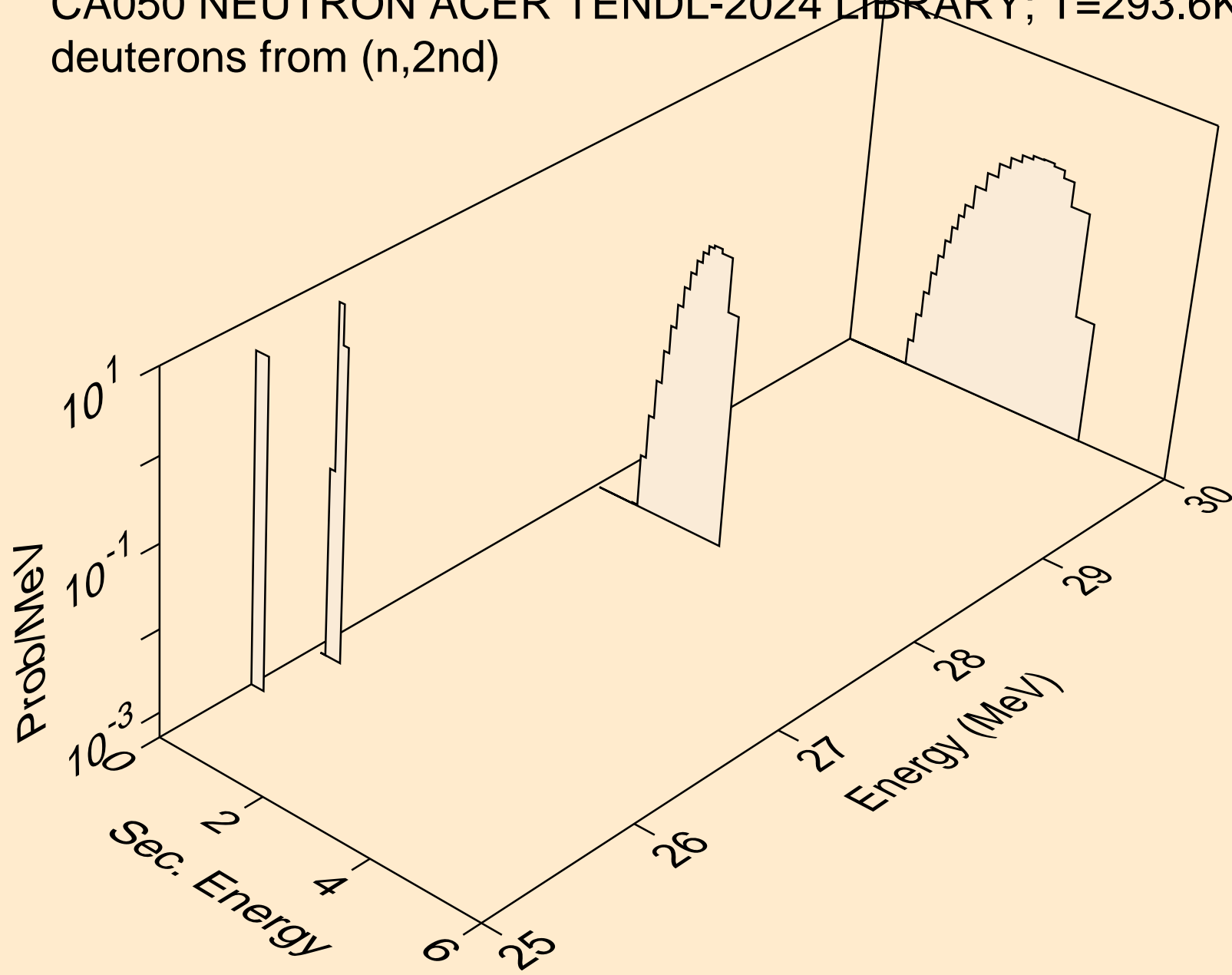
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,p)



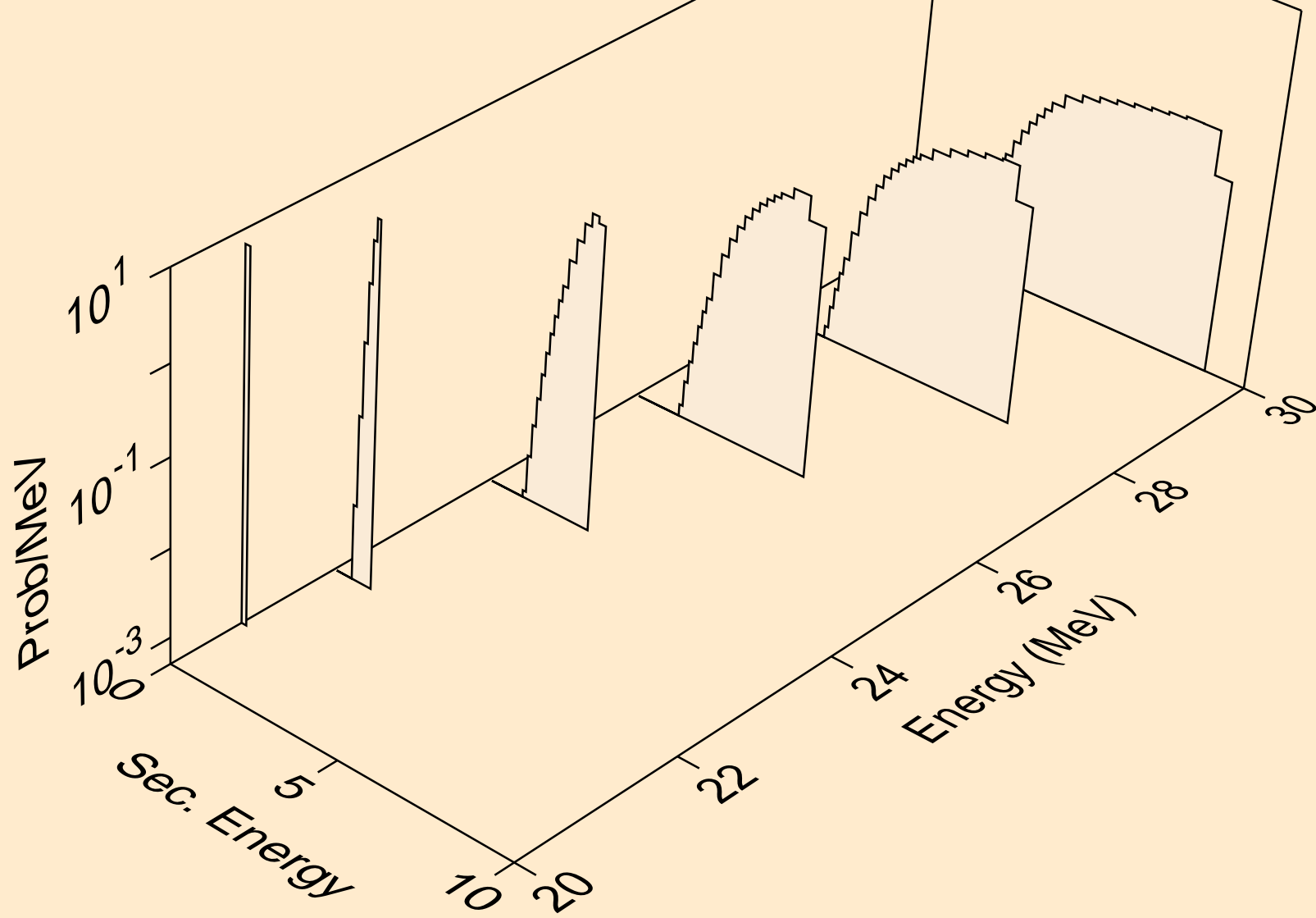
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



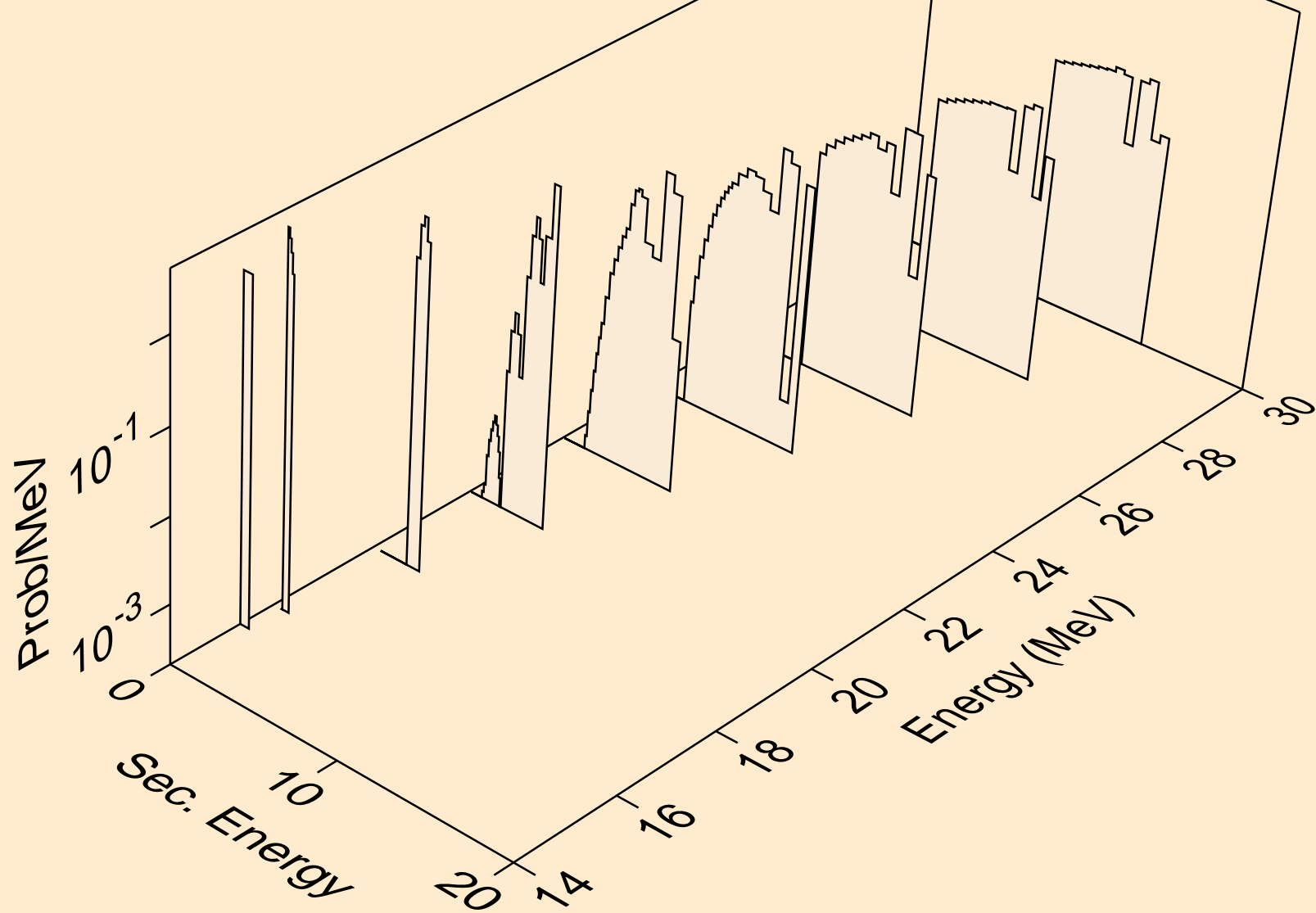
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deuterons from (n,2nd)



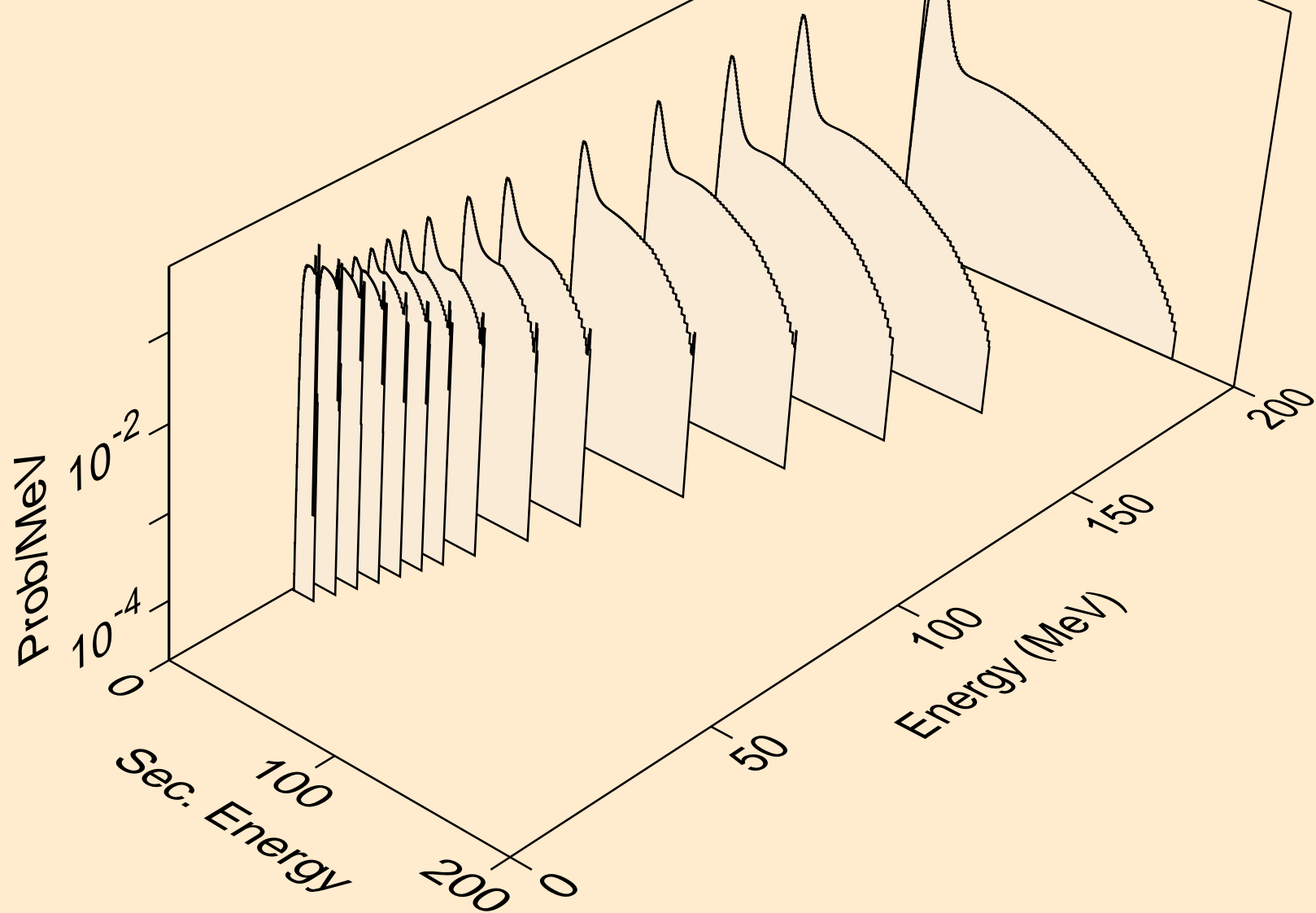
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



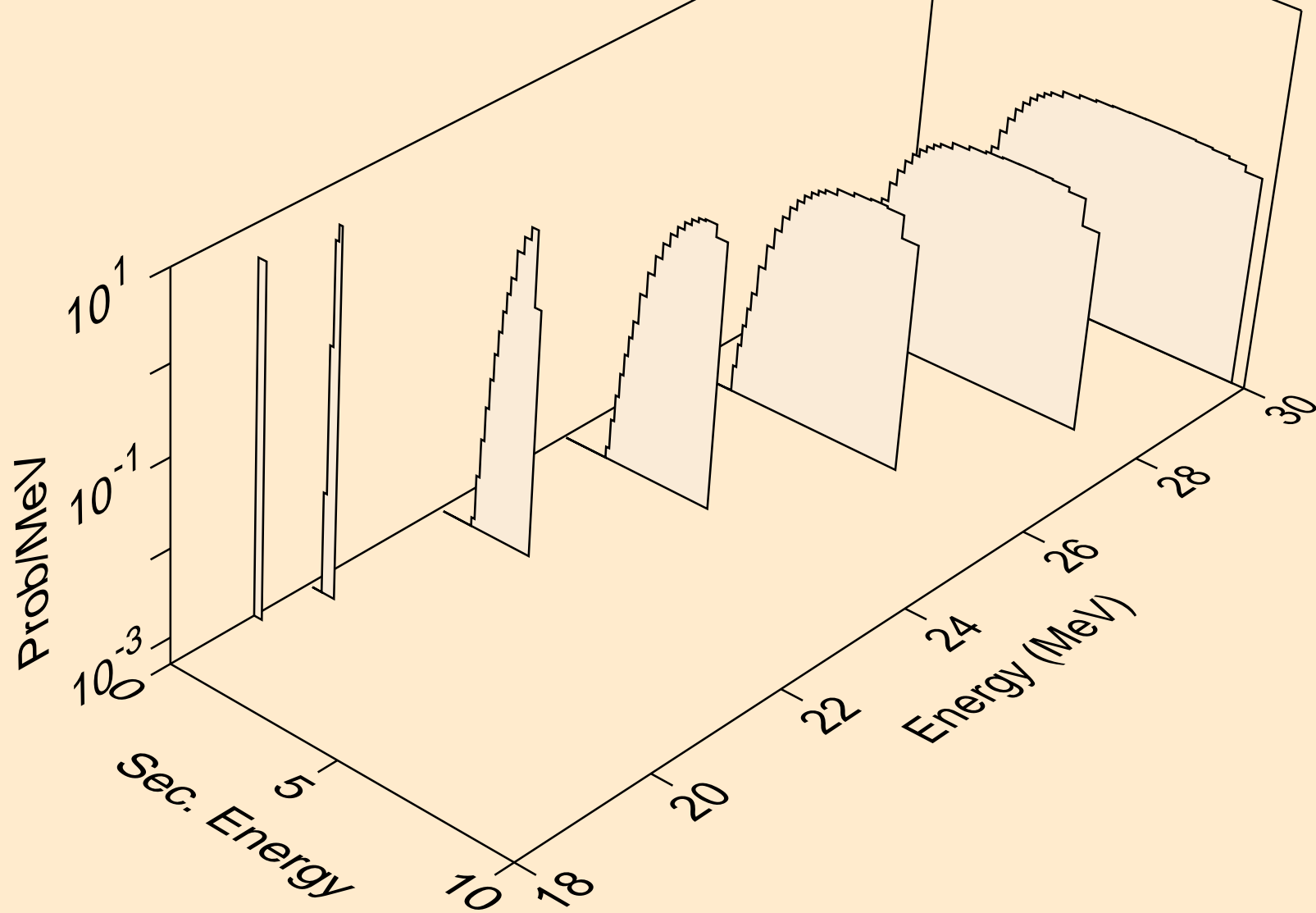
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)



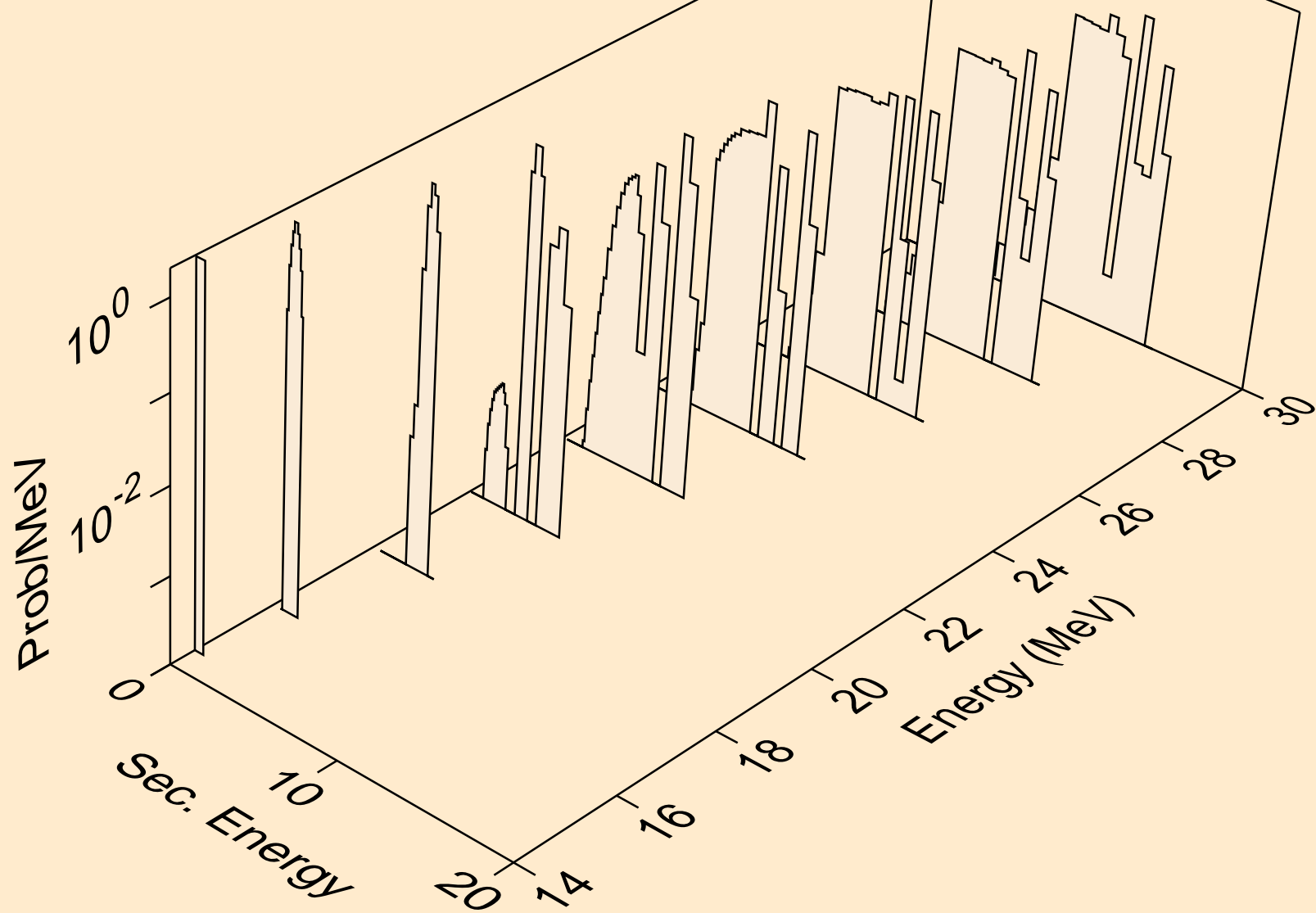
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



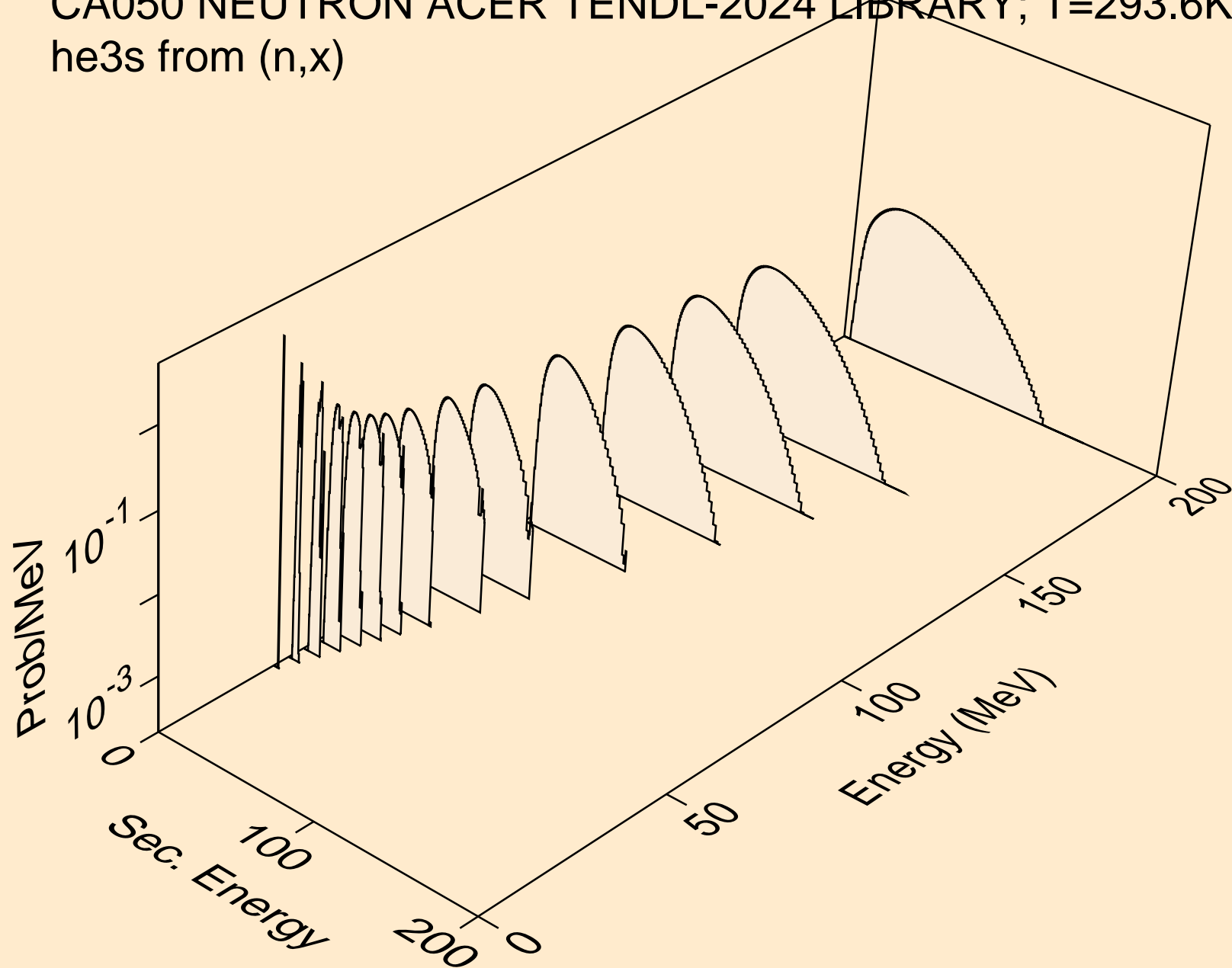
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



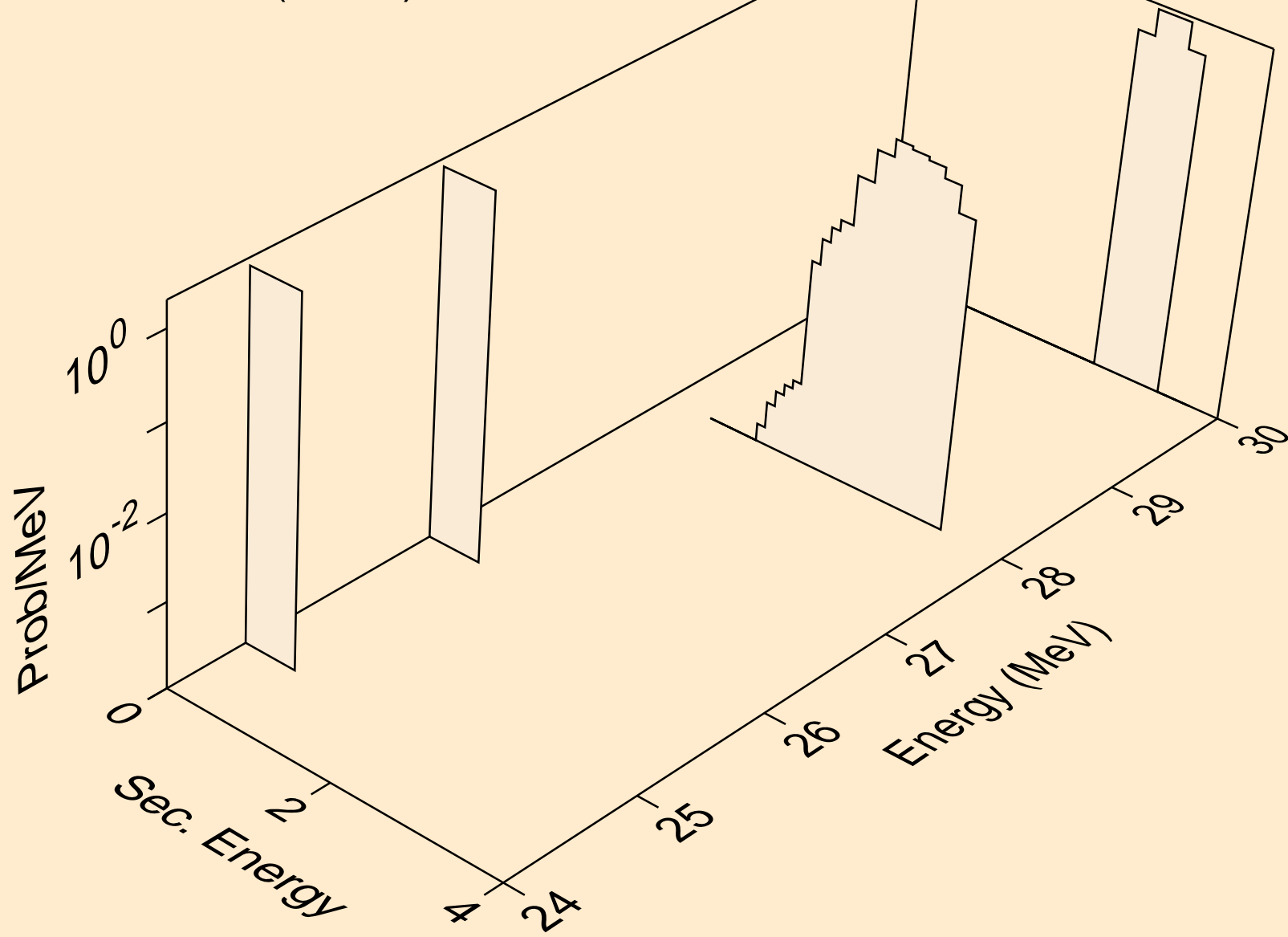
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,t)



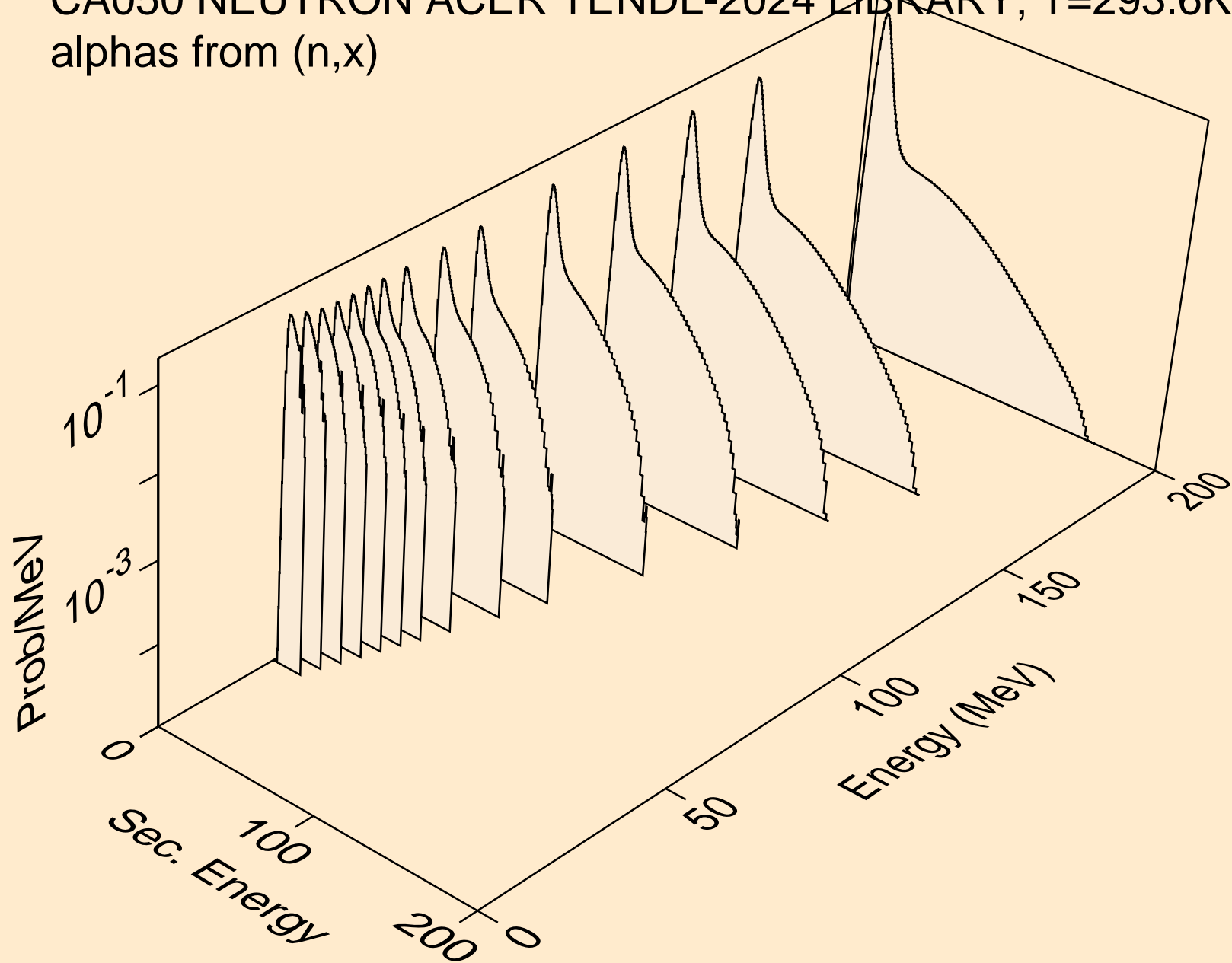
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



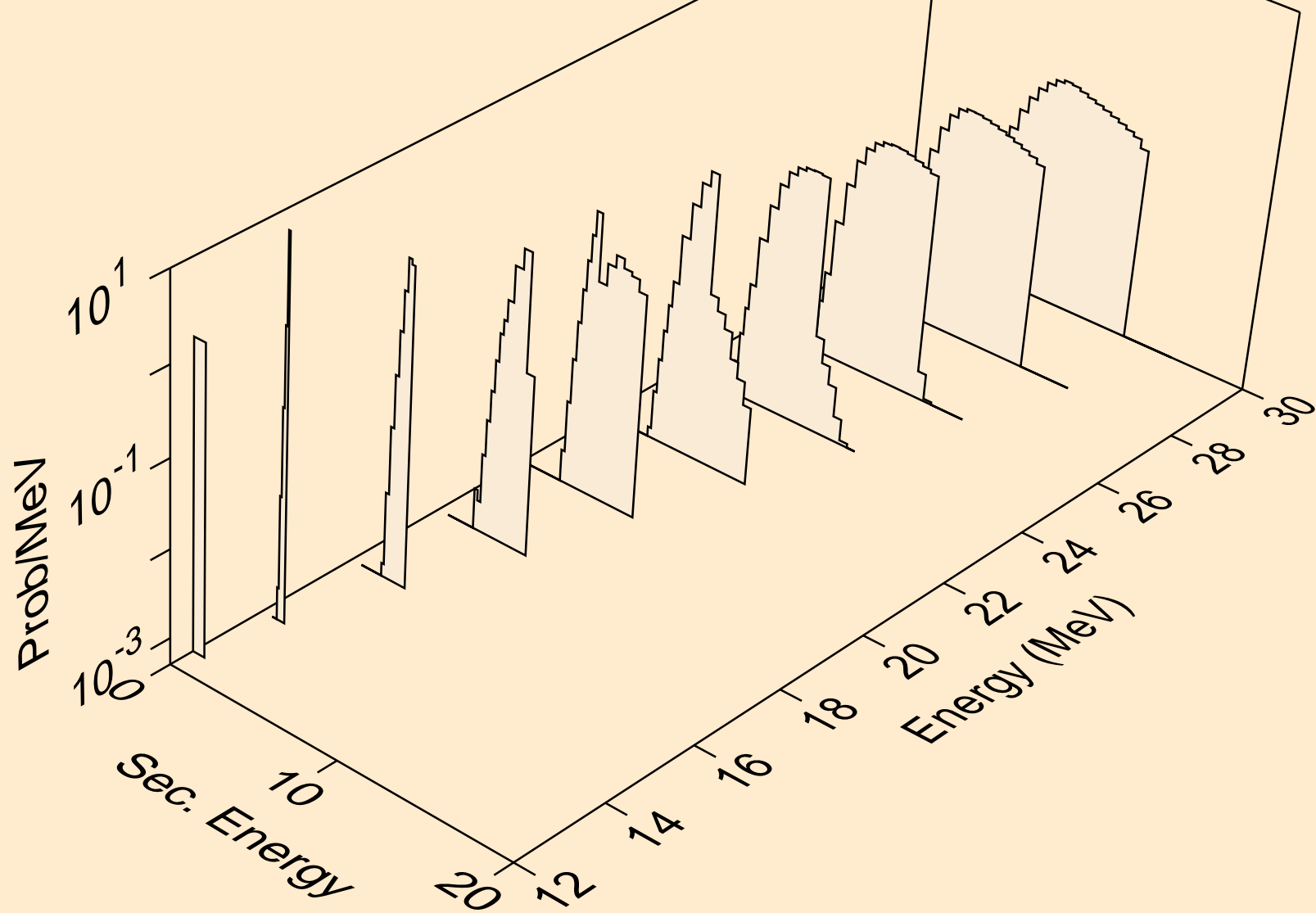
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



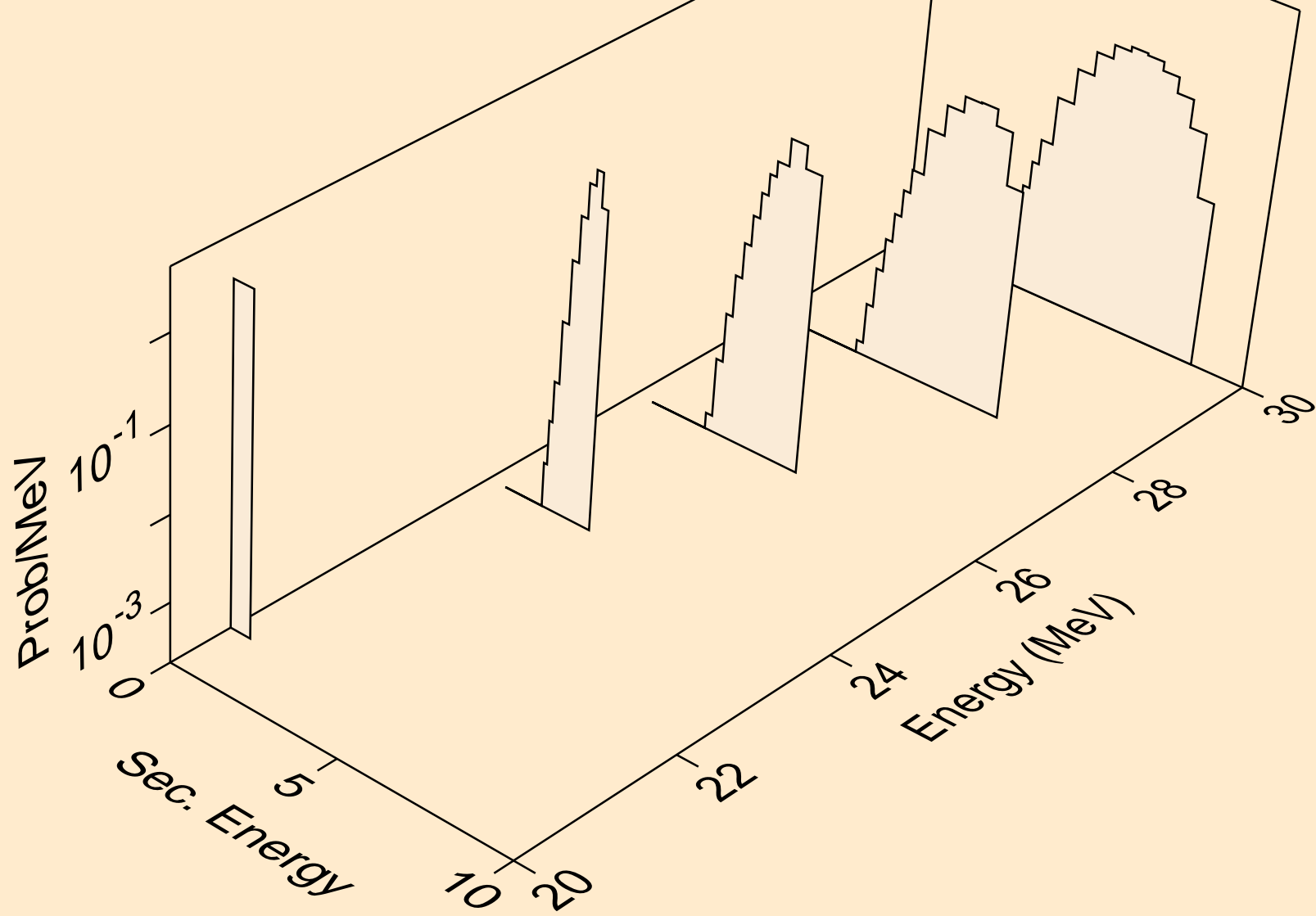
CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



CA050 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)

