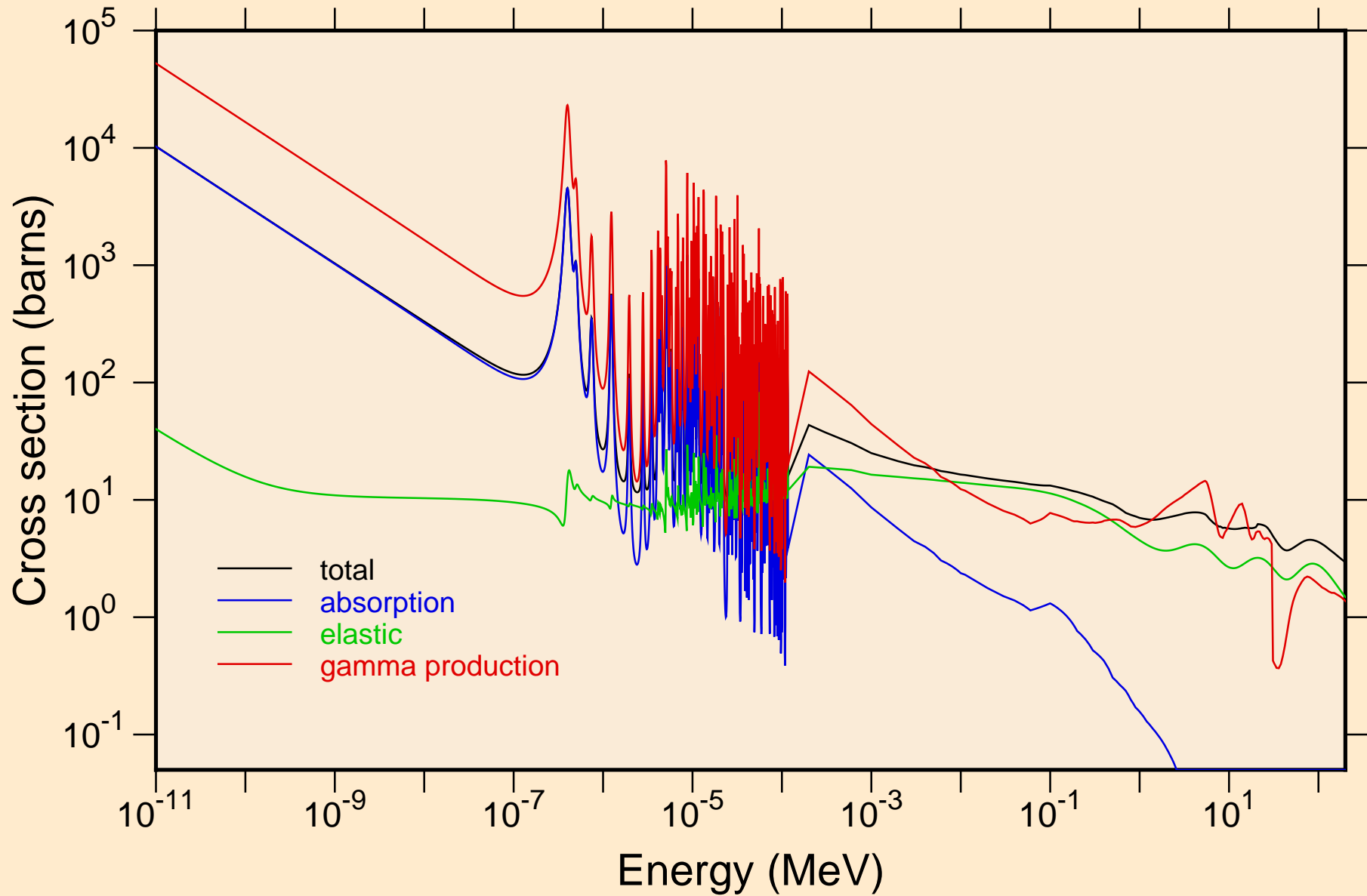
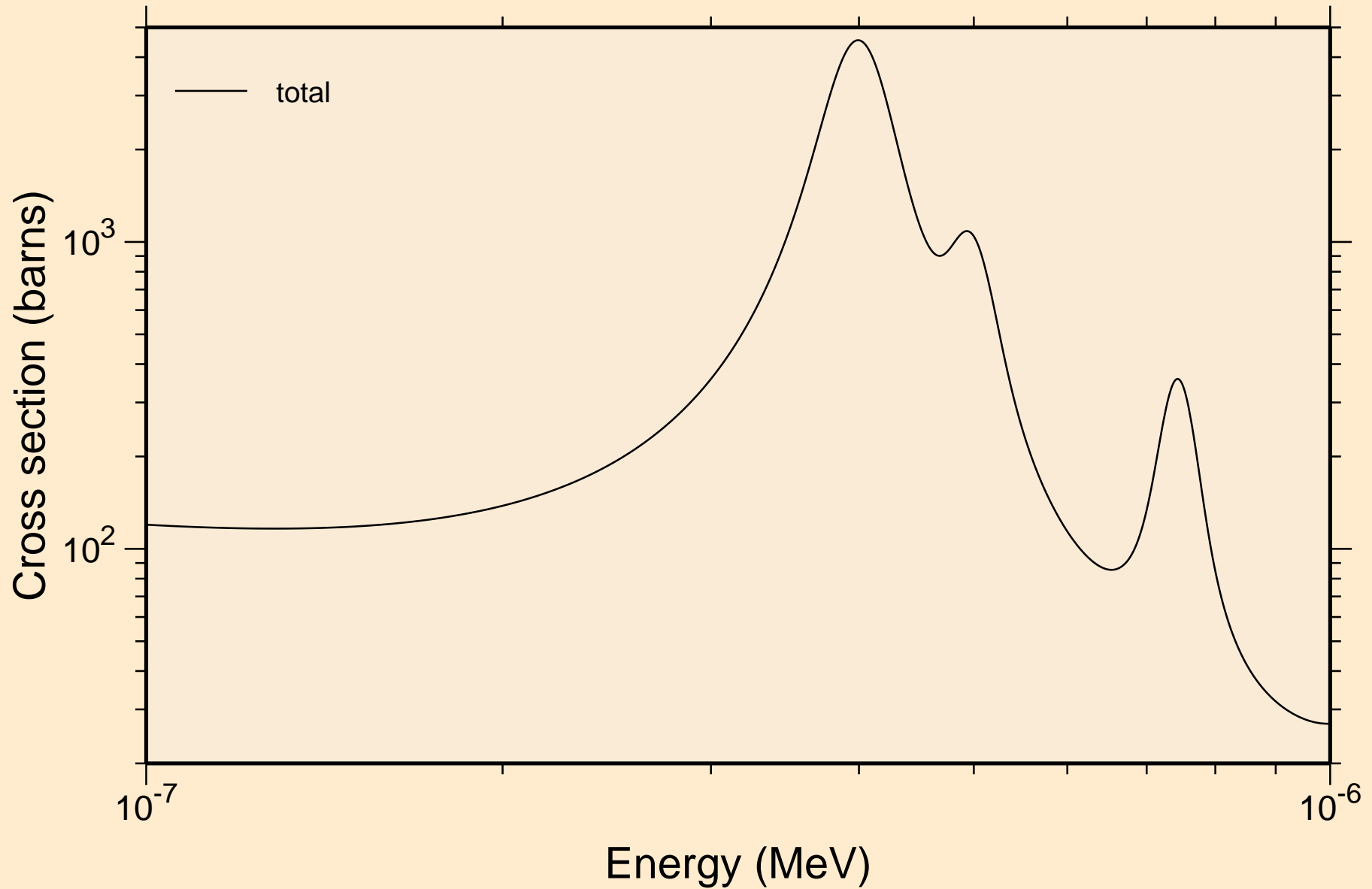


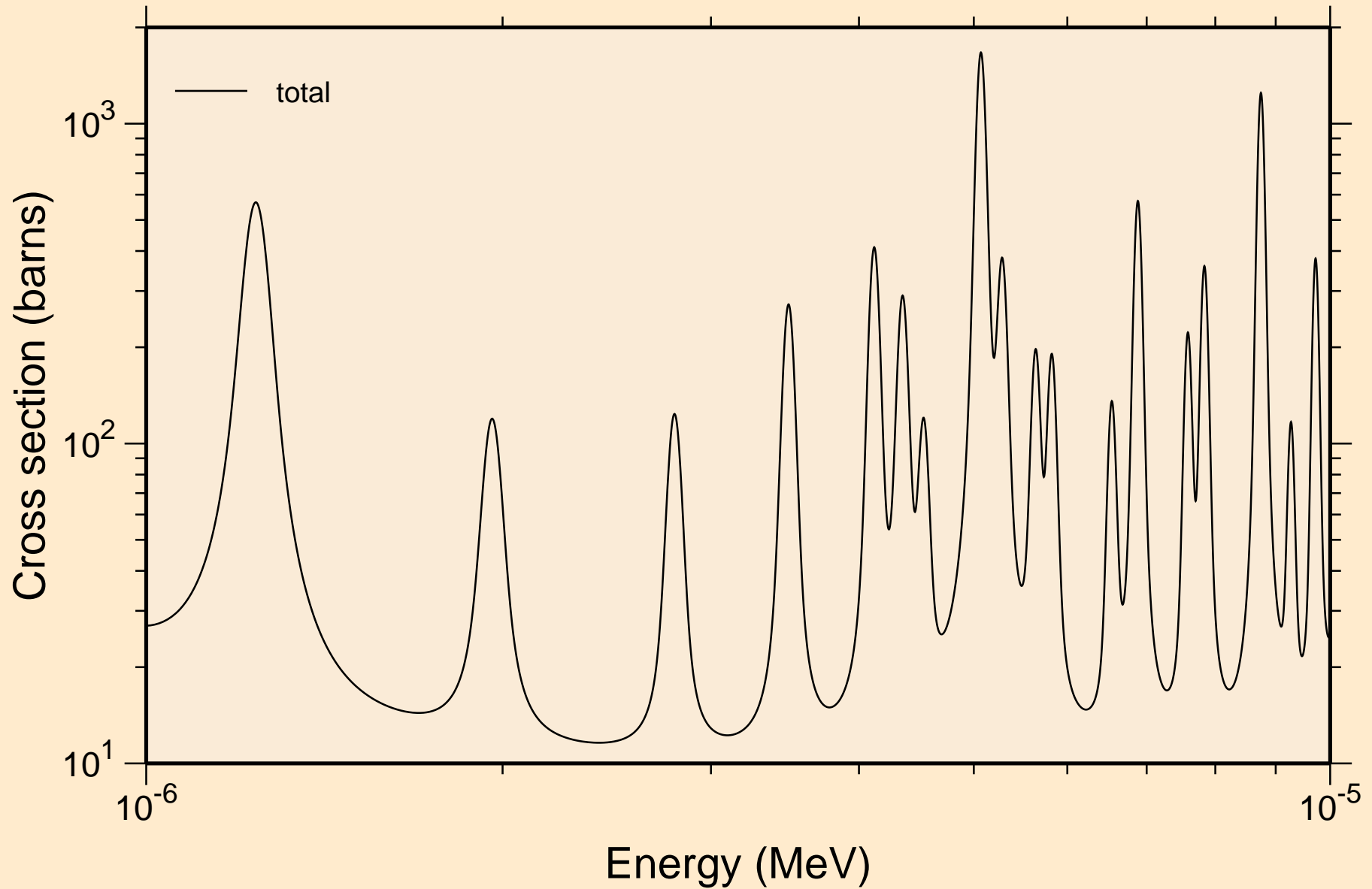
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections



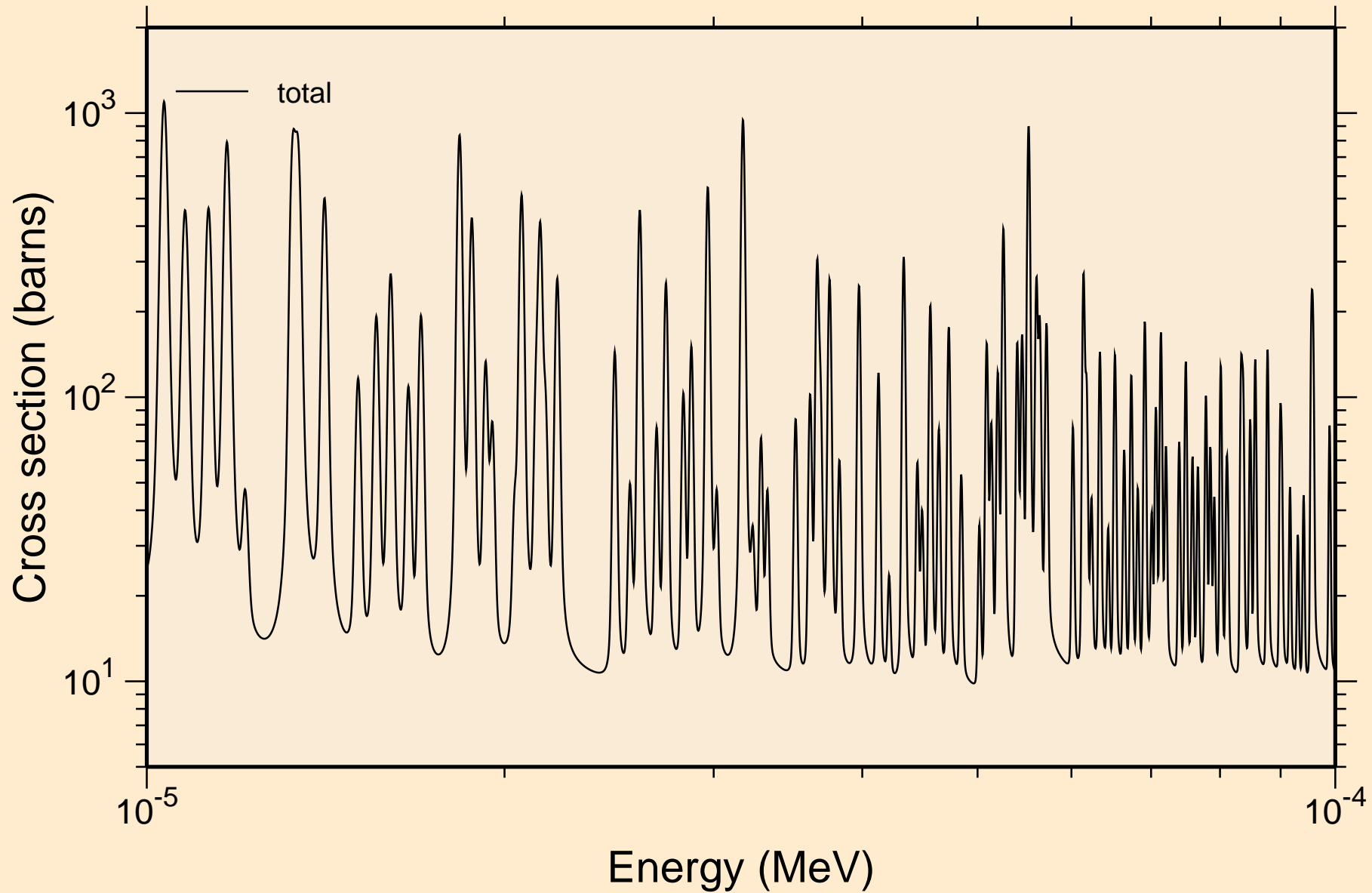
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resonance total cross section



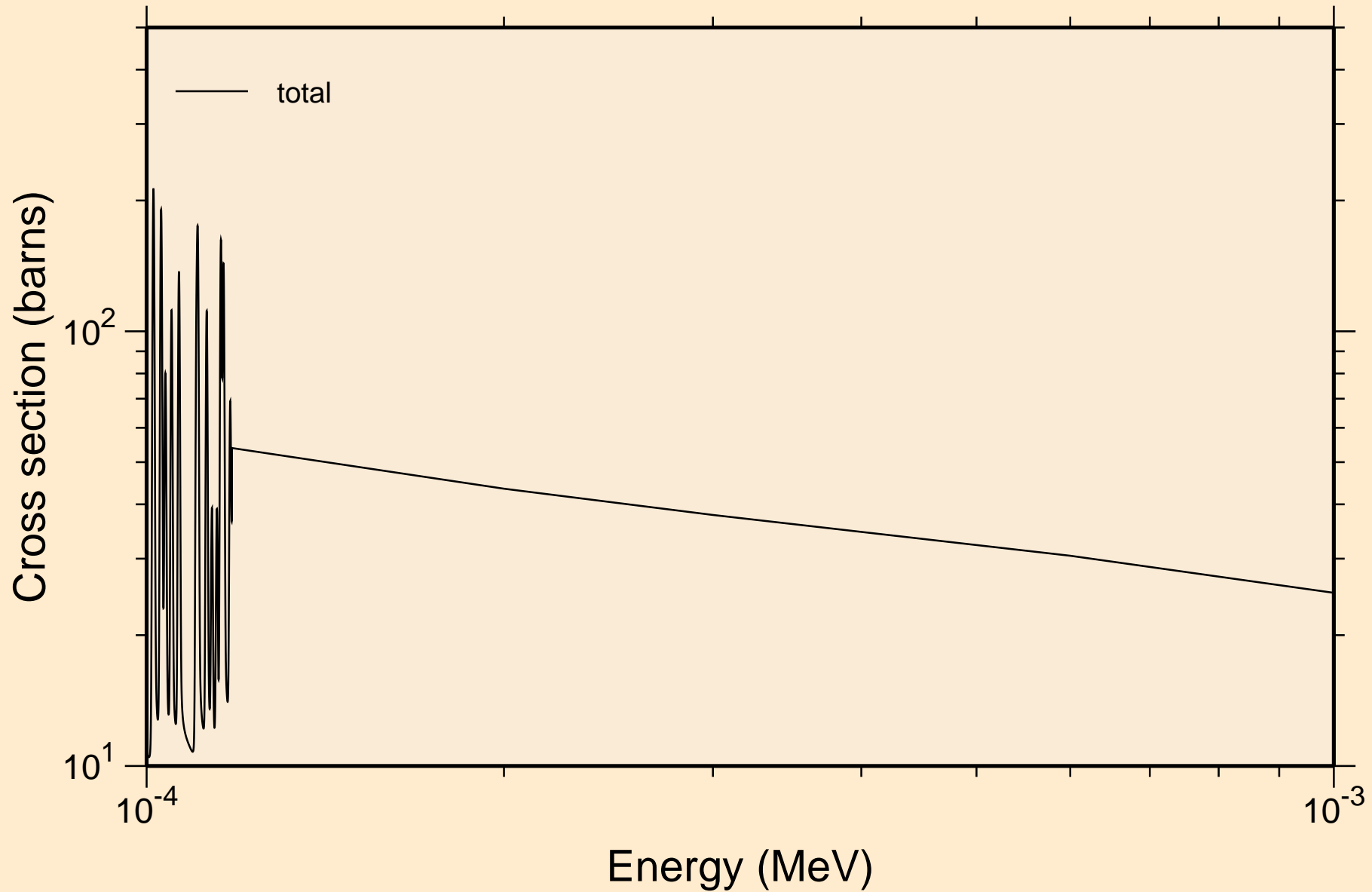
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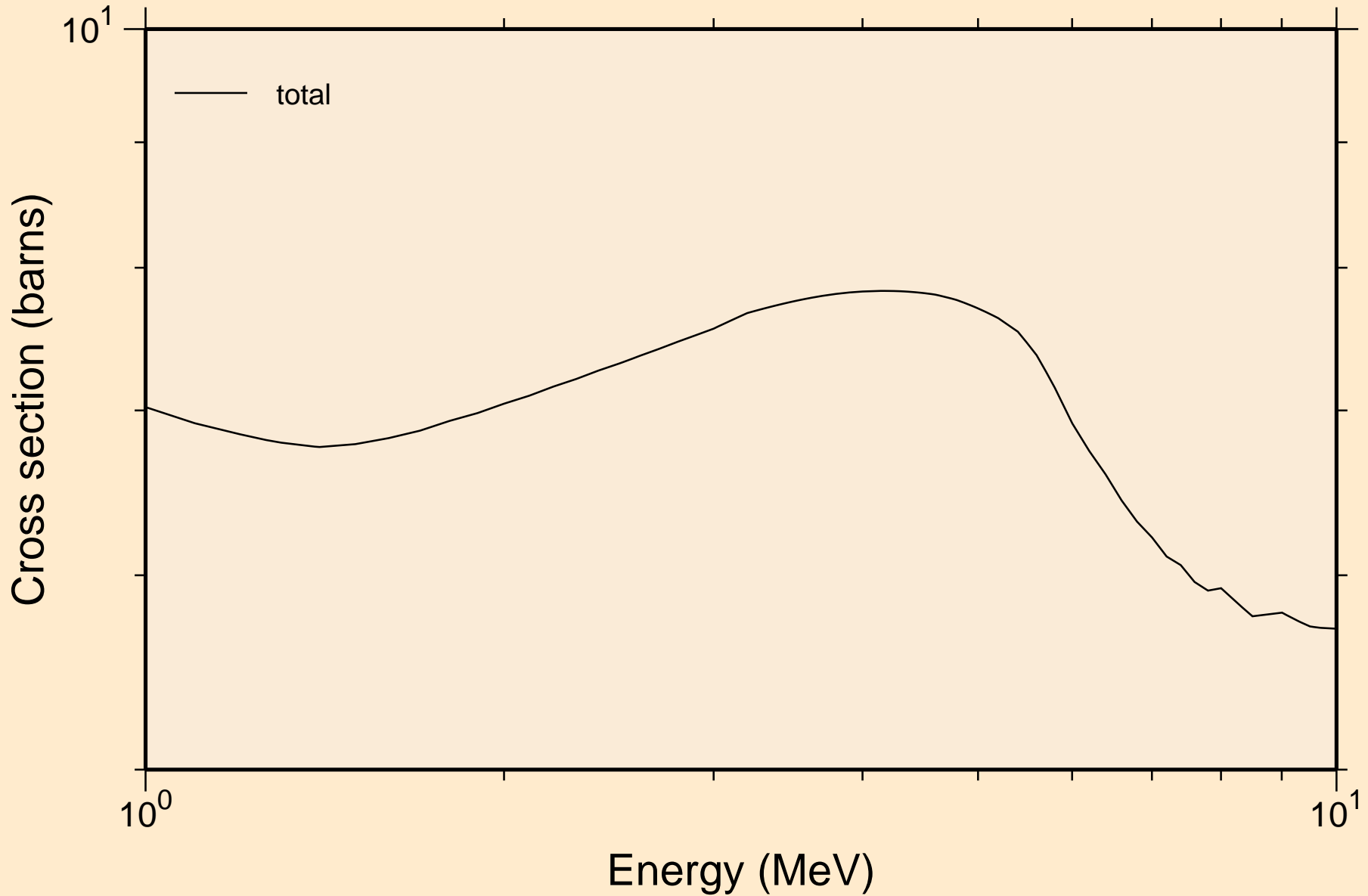
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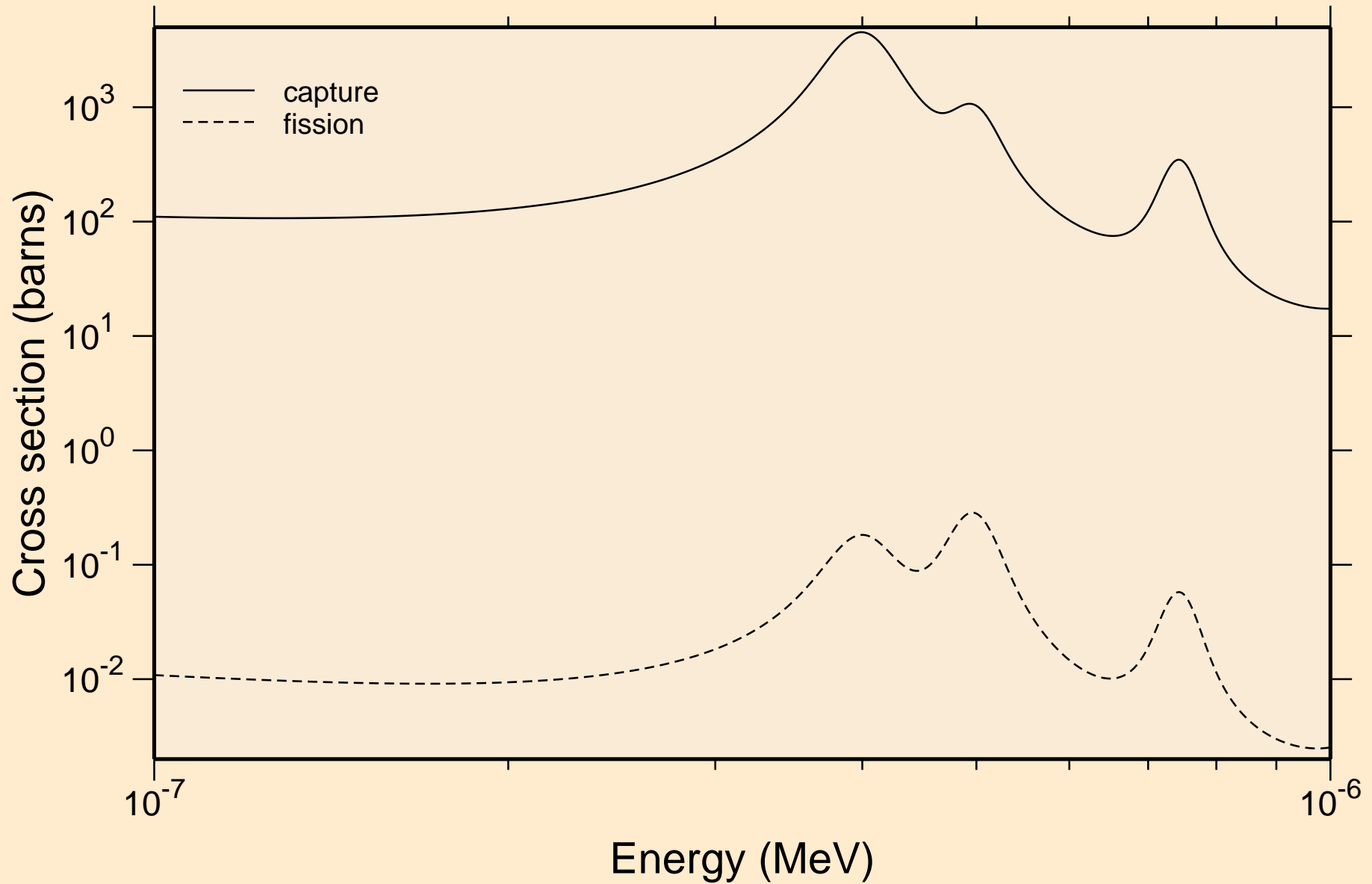
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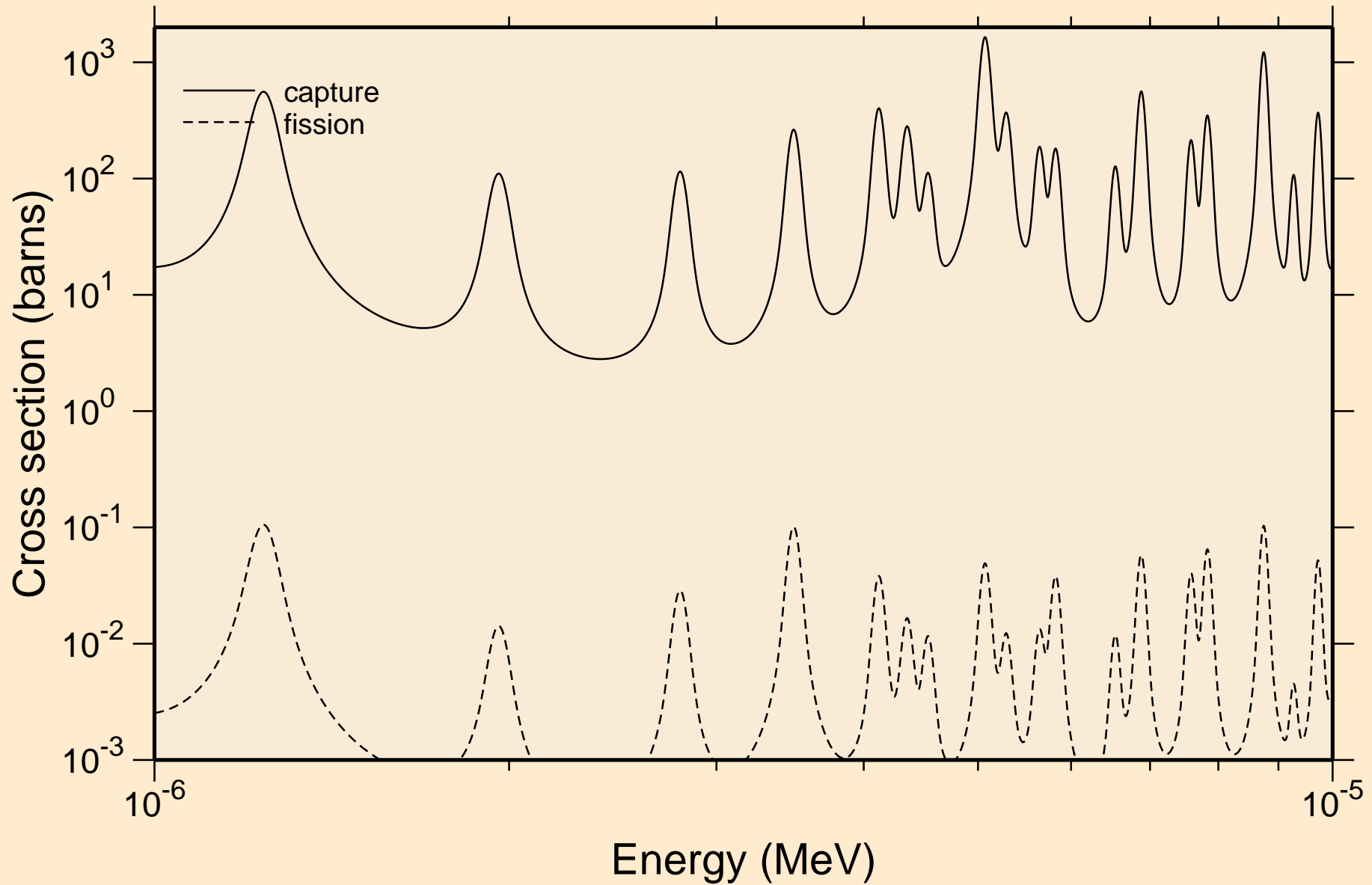
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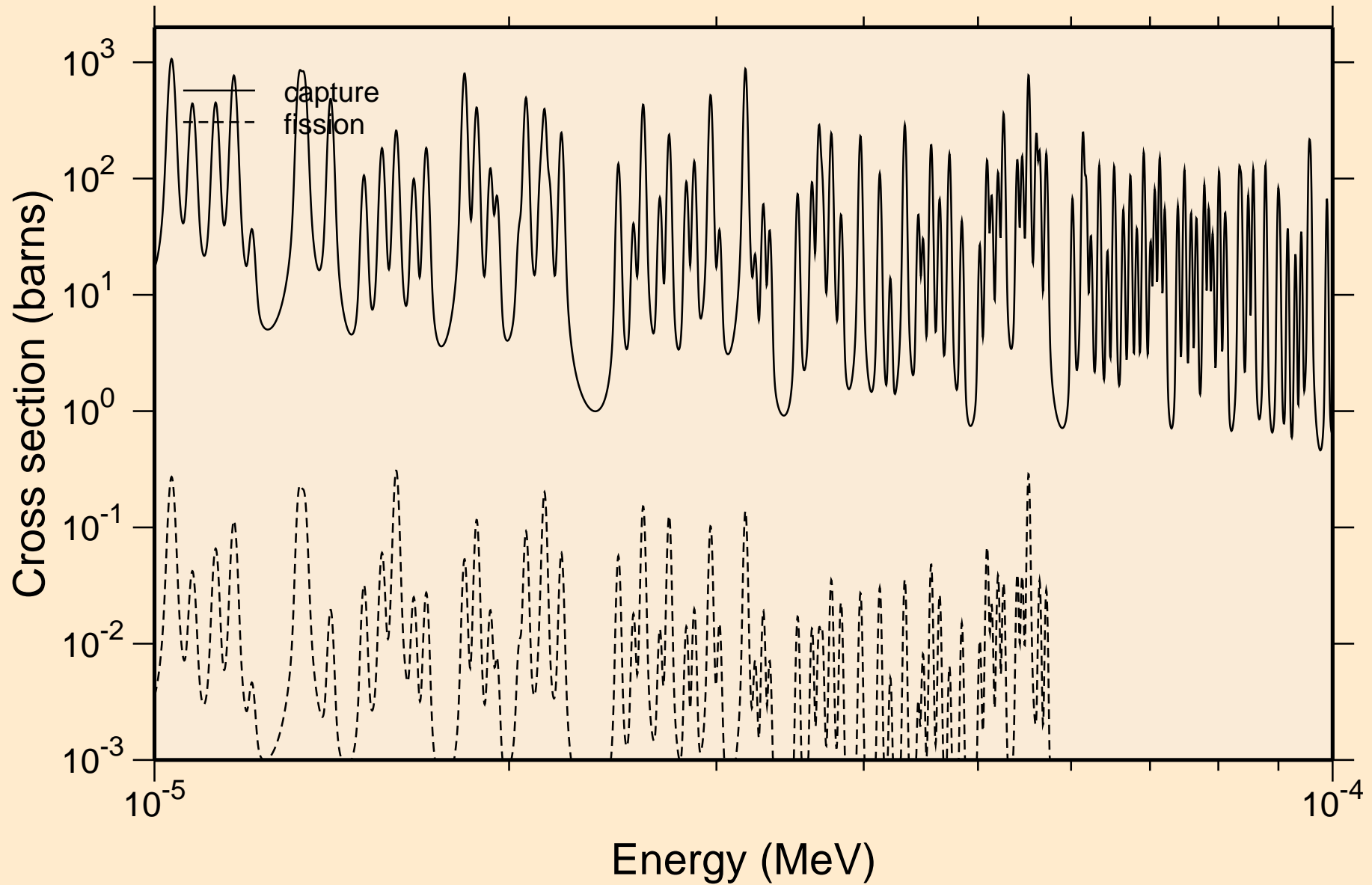
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resonance absorption cross sections



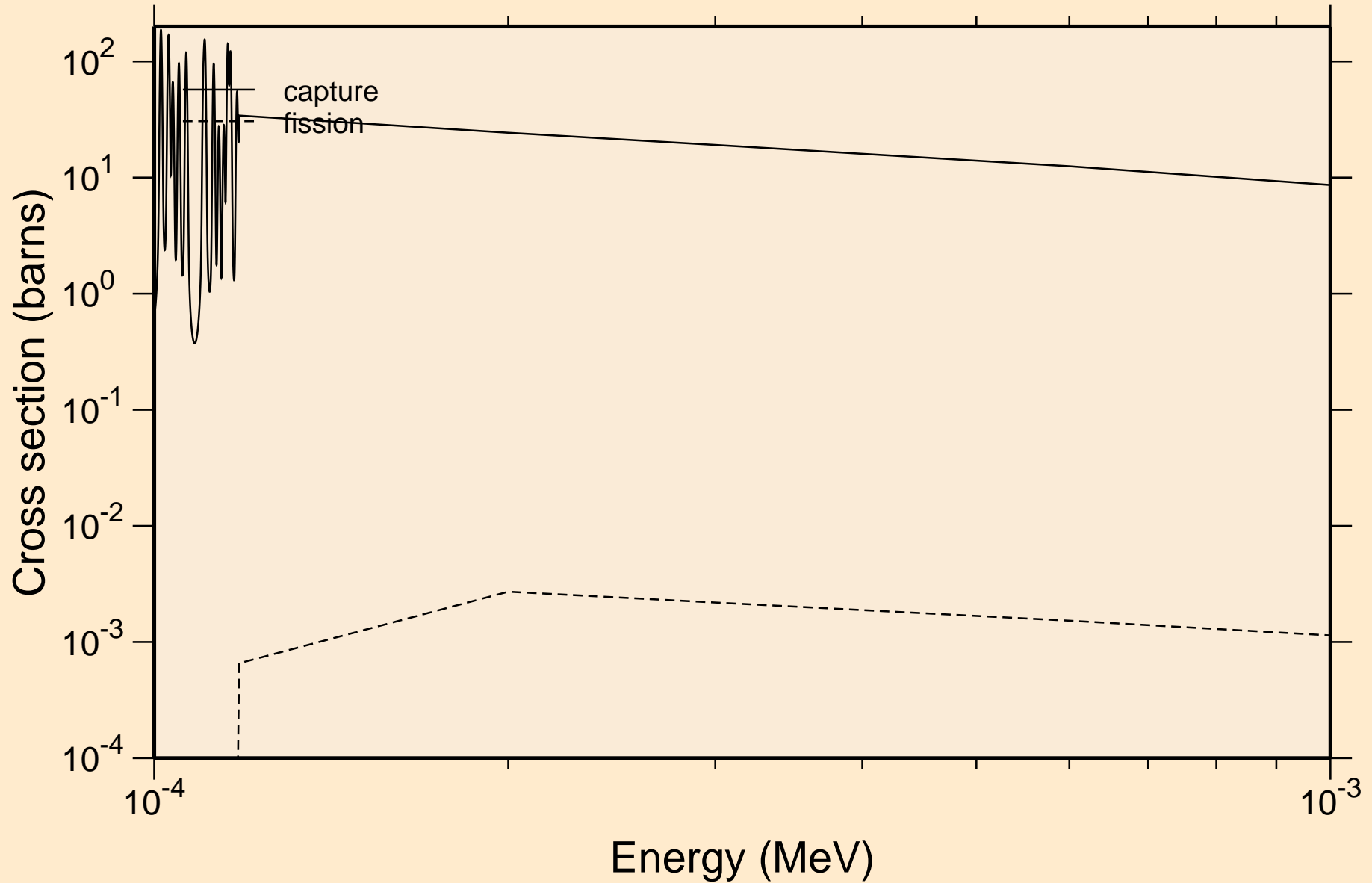
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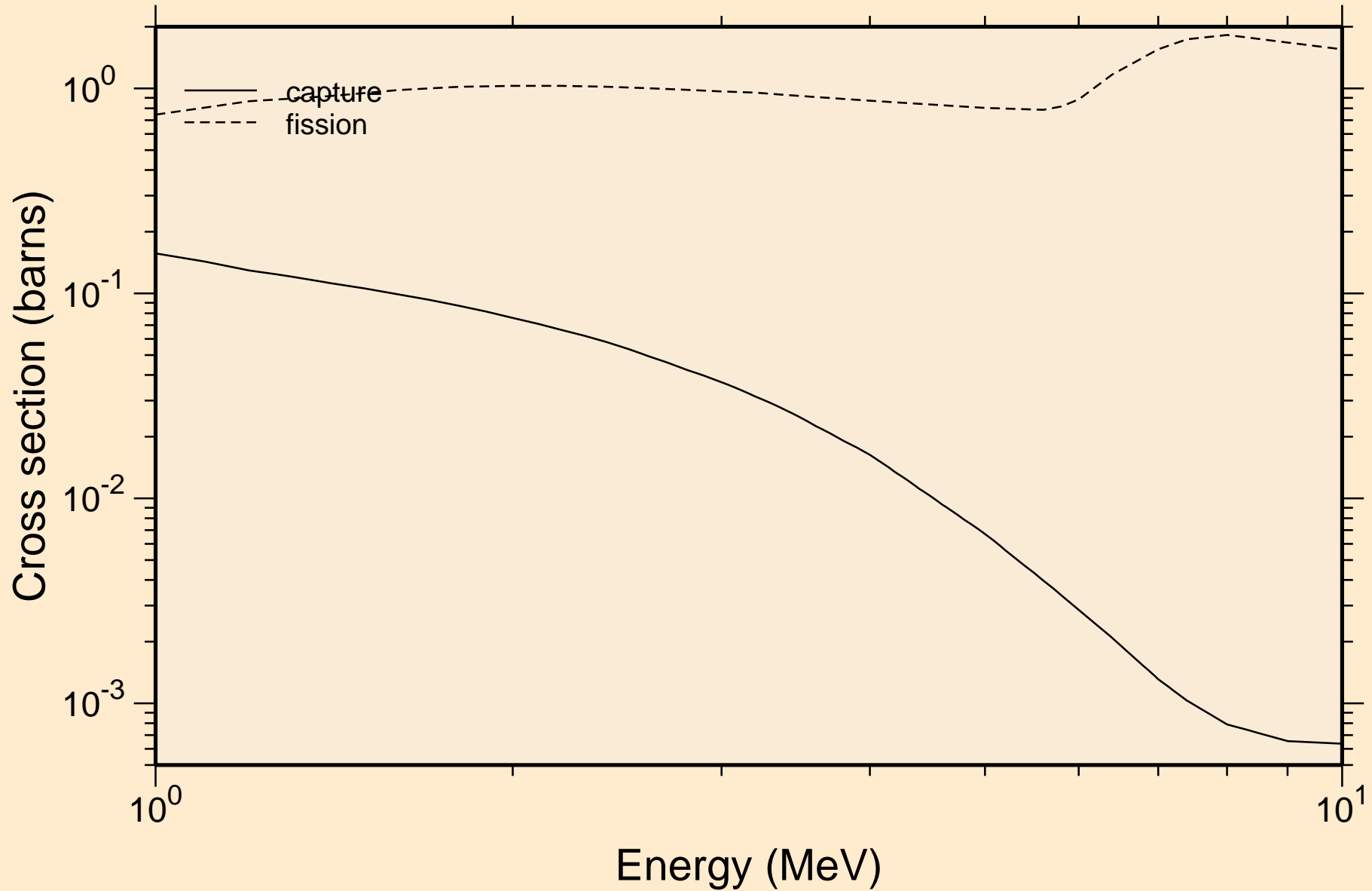
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resonance absorption cross sections



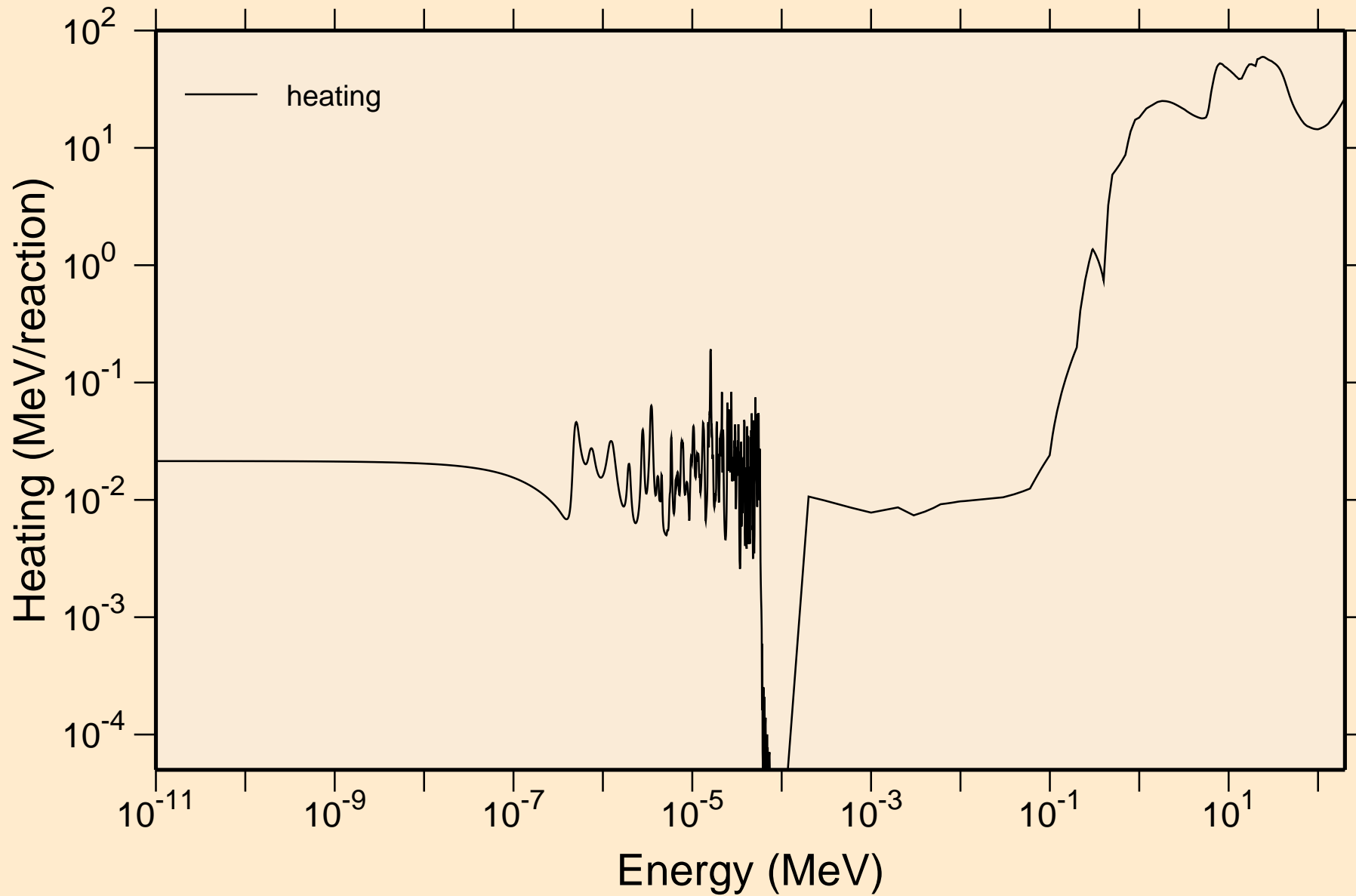
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resonance absorption cross sections



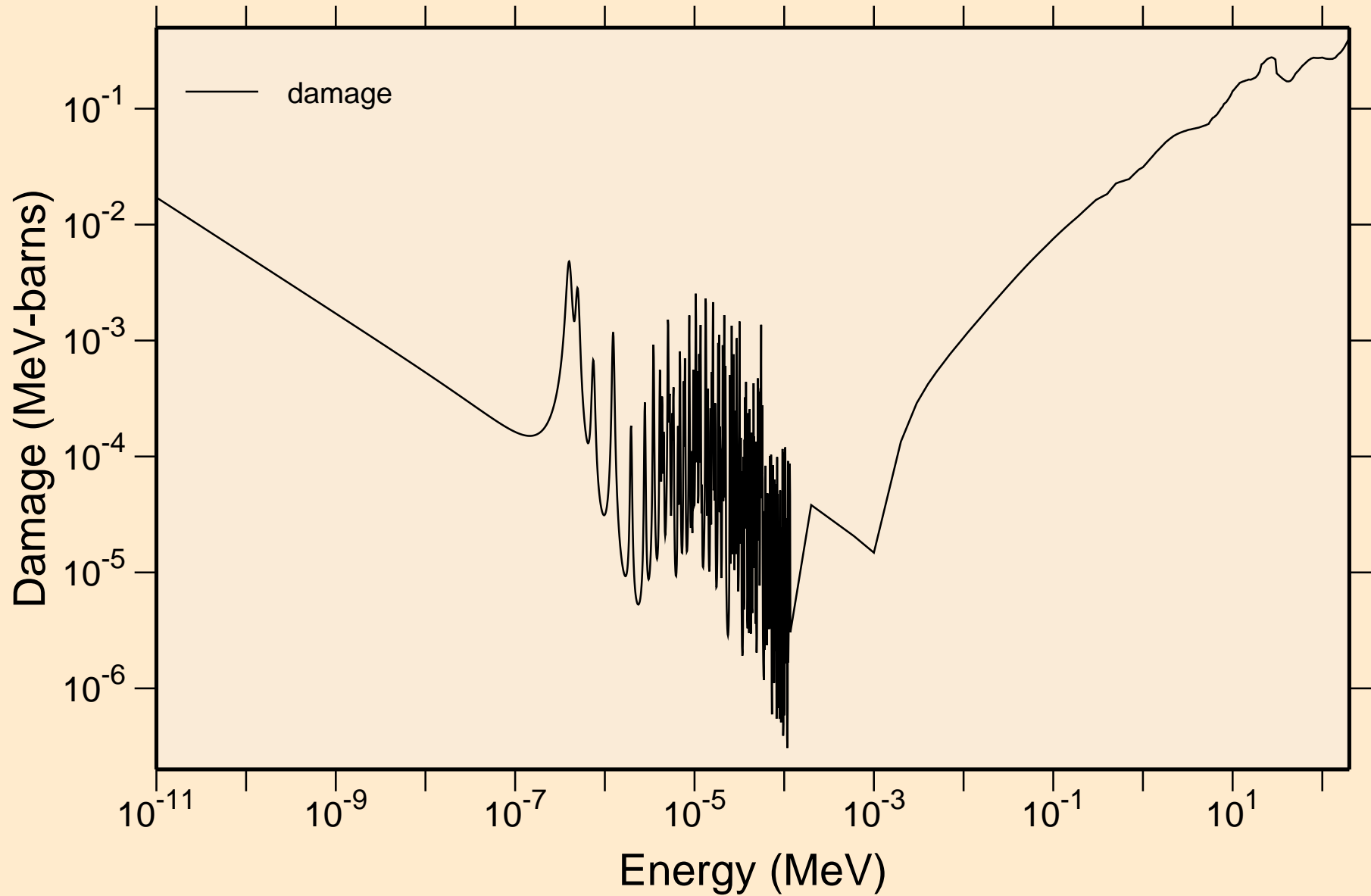
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resonance absorption cross sections



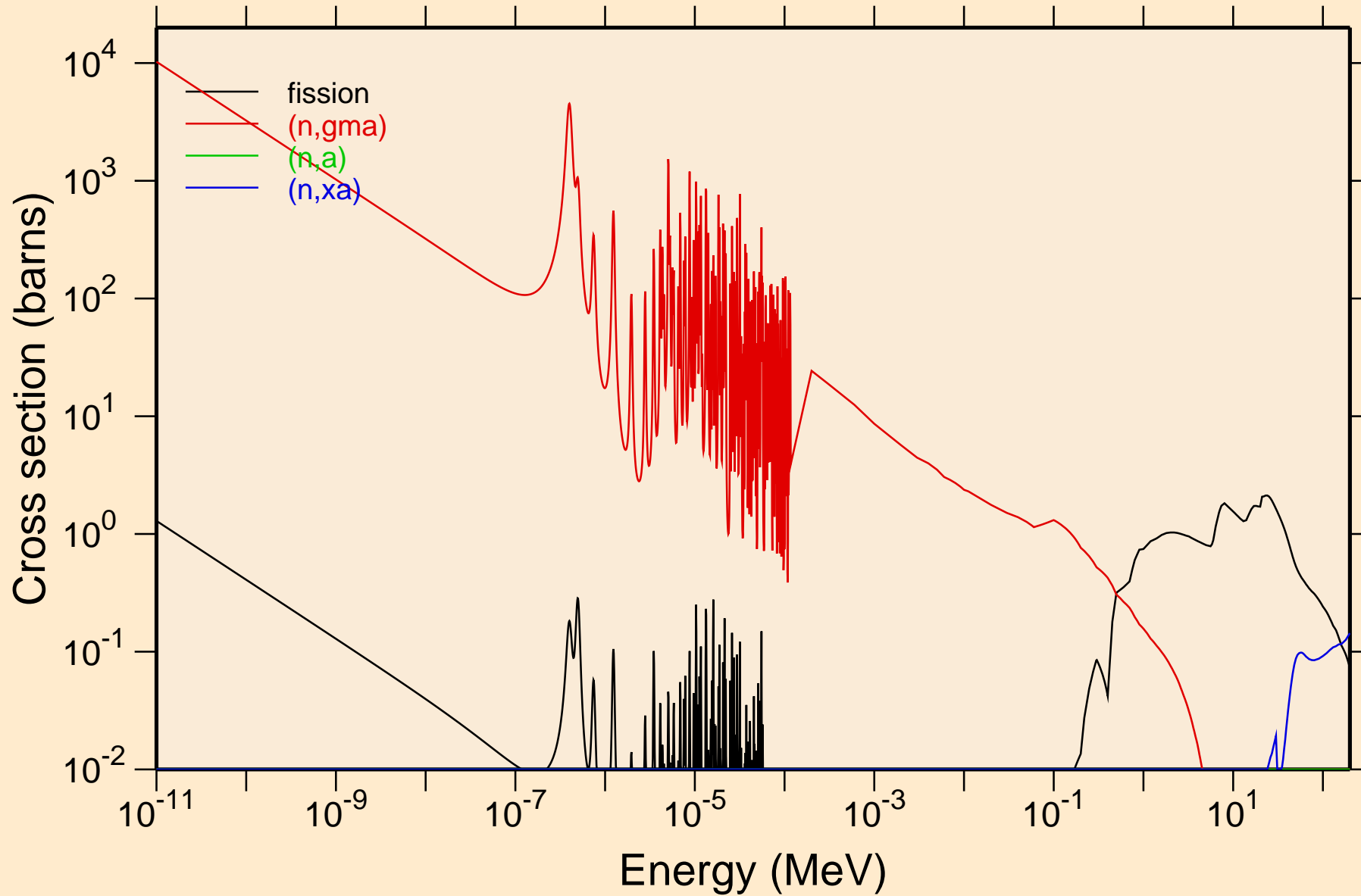
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Heating



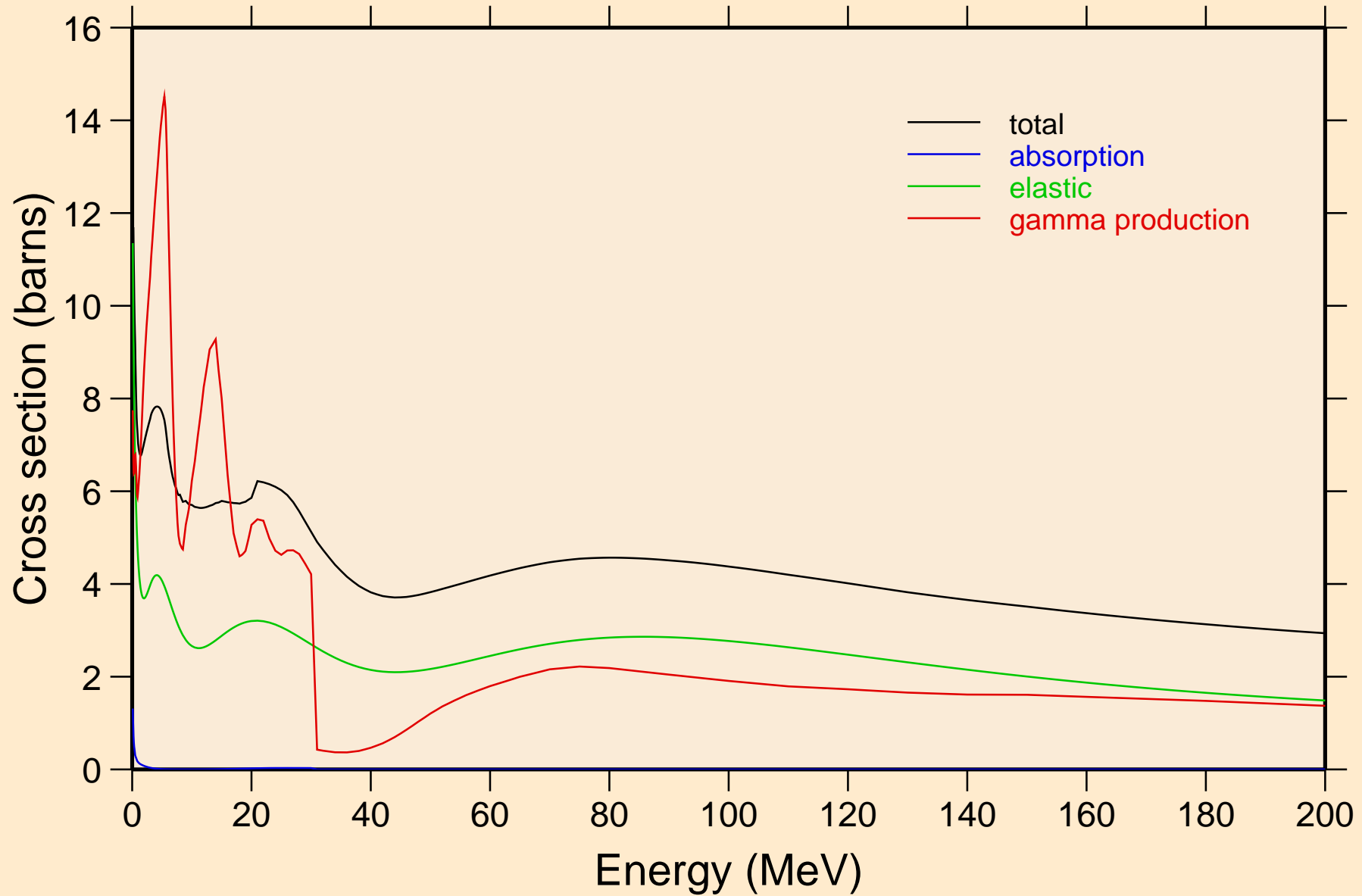
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Damage



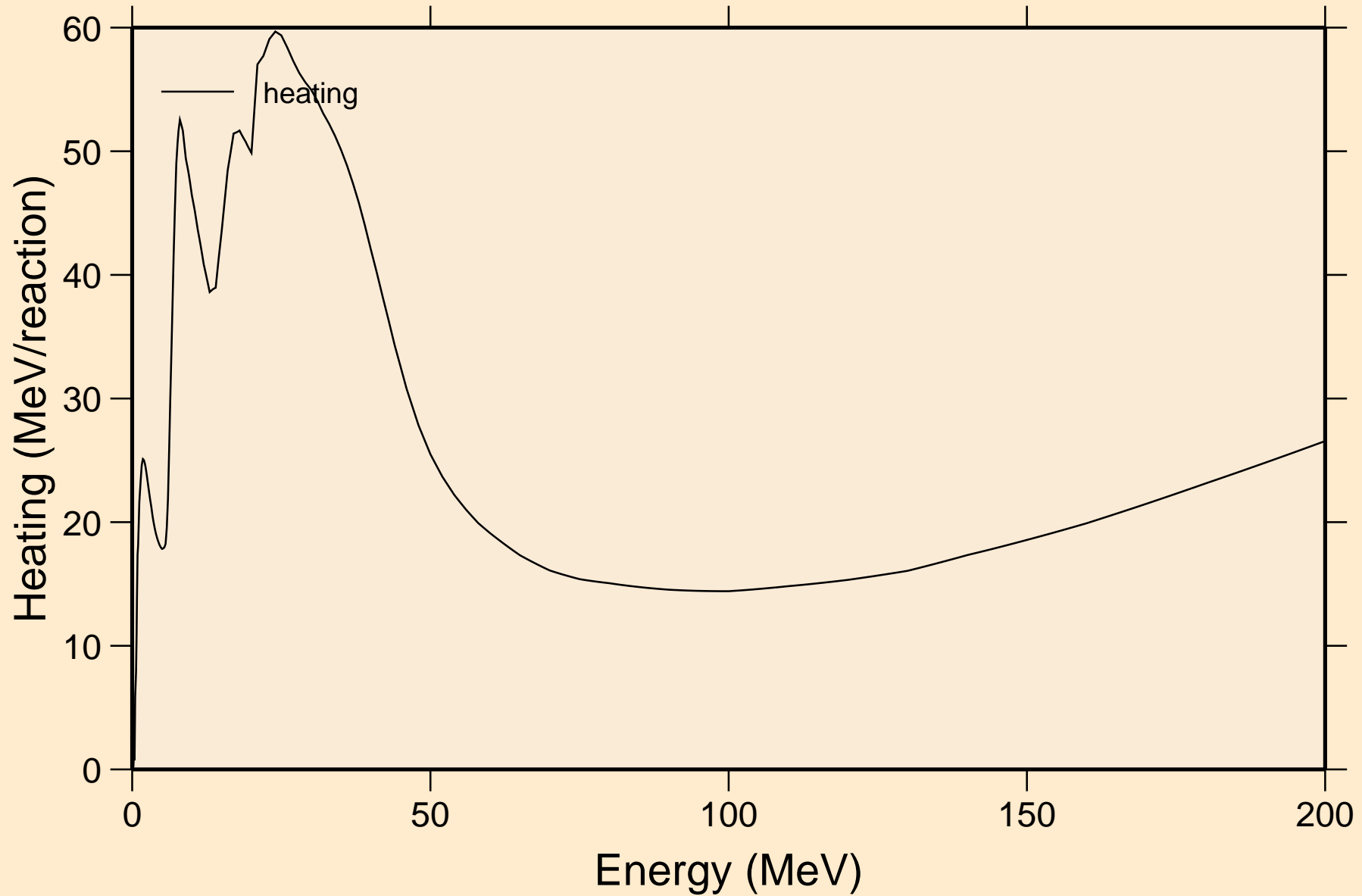
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Non-threshold reactions



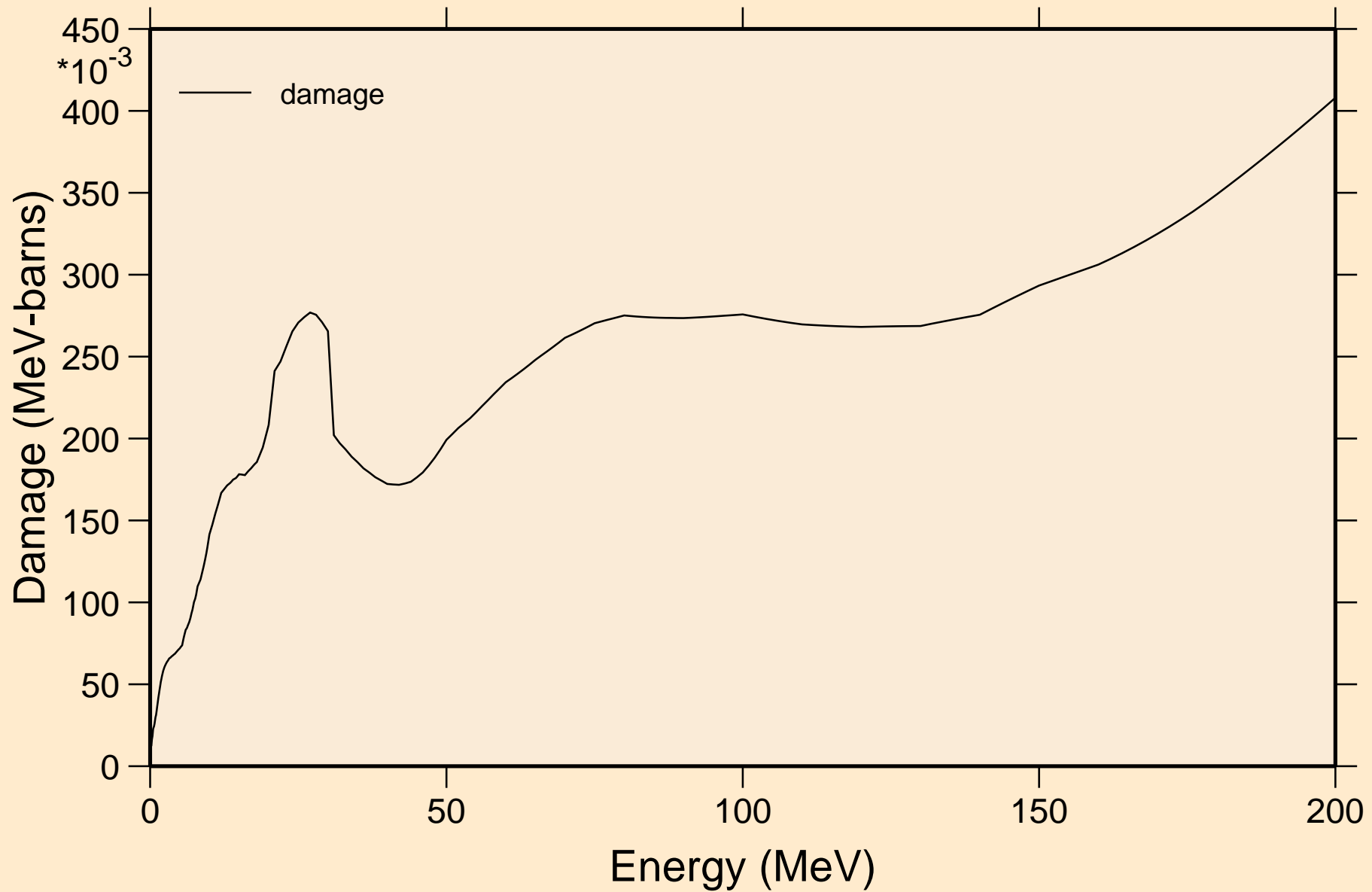
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Principal cross sections



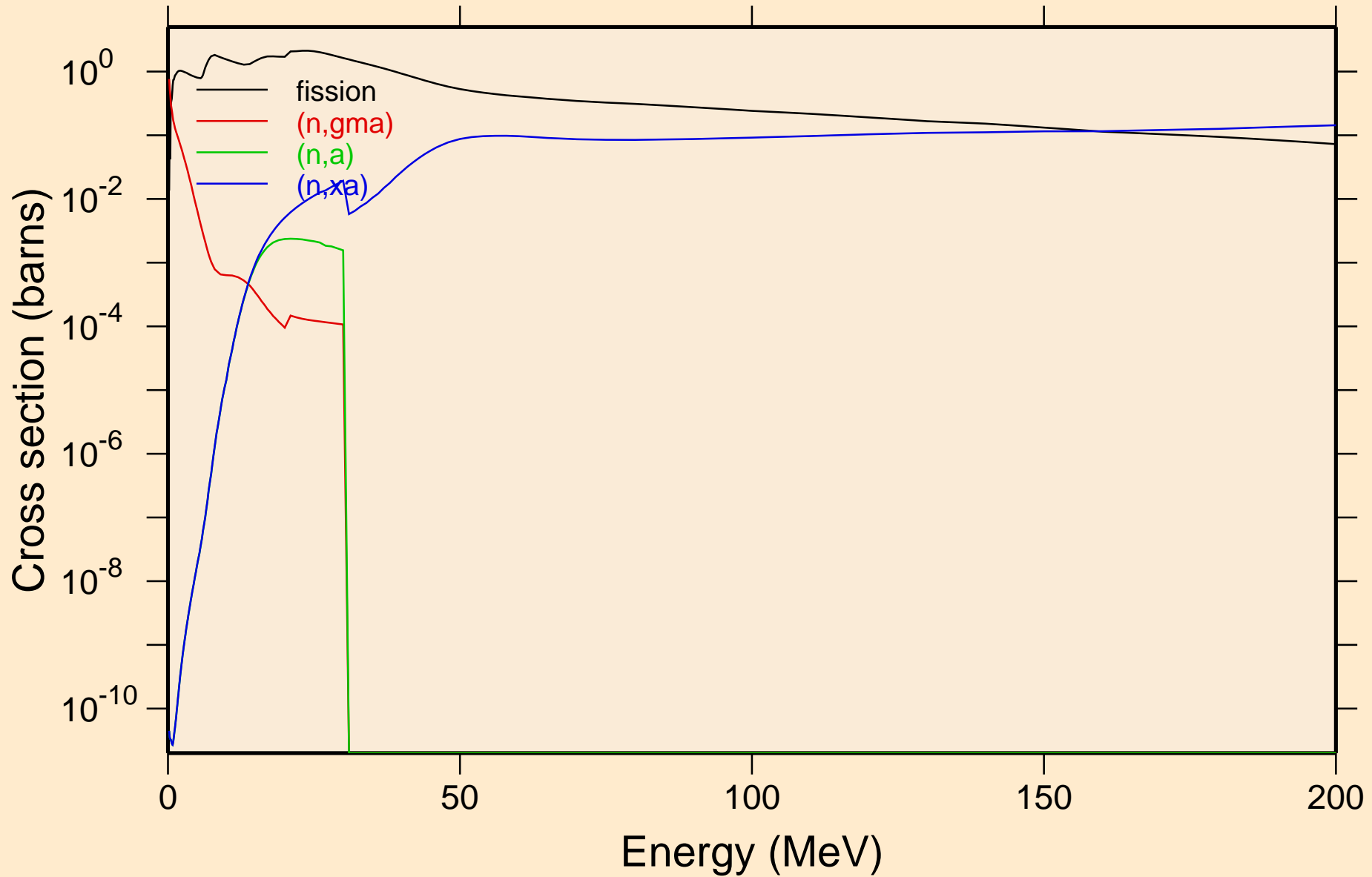
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Heating



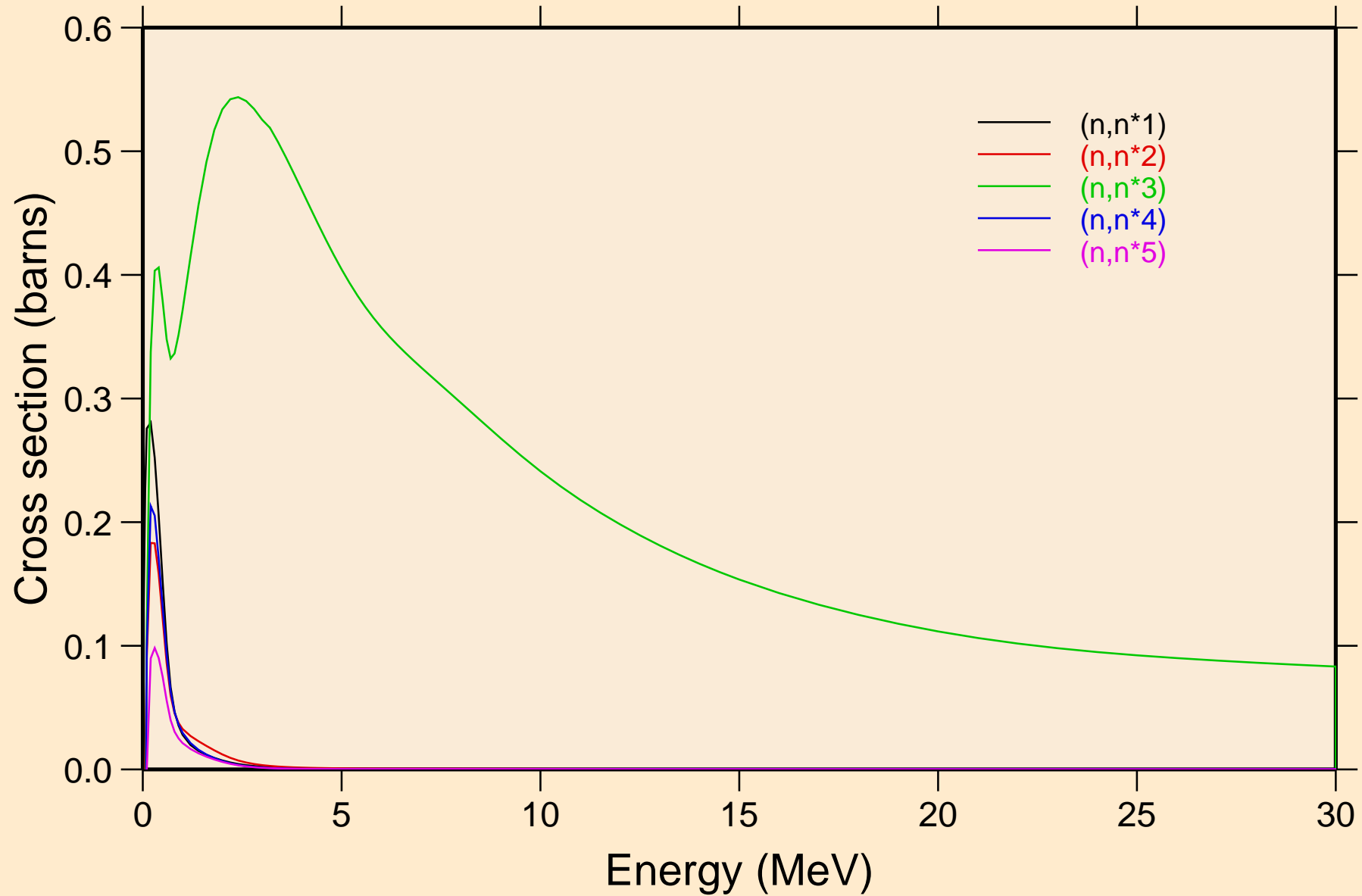
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Damage



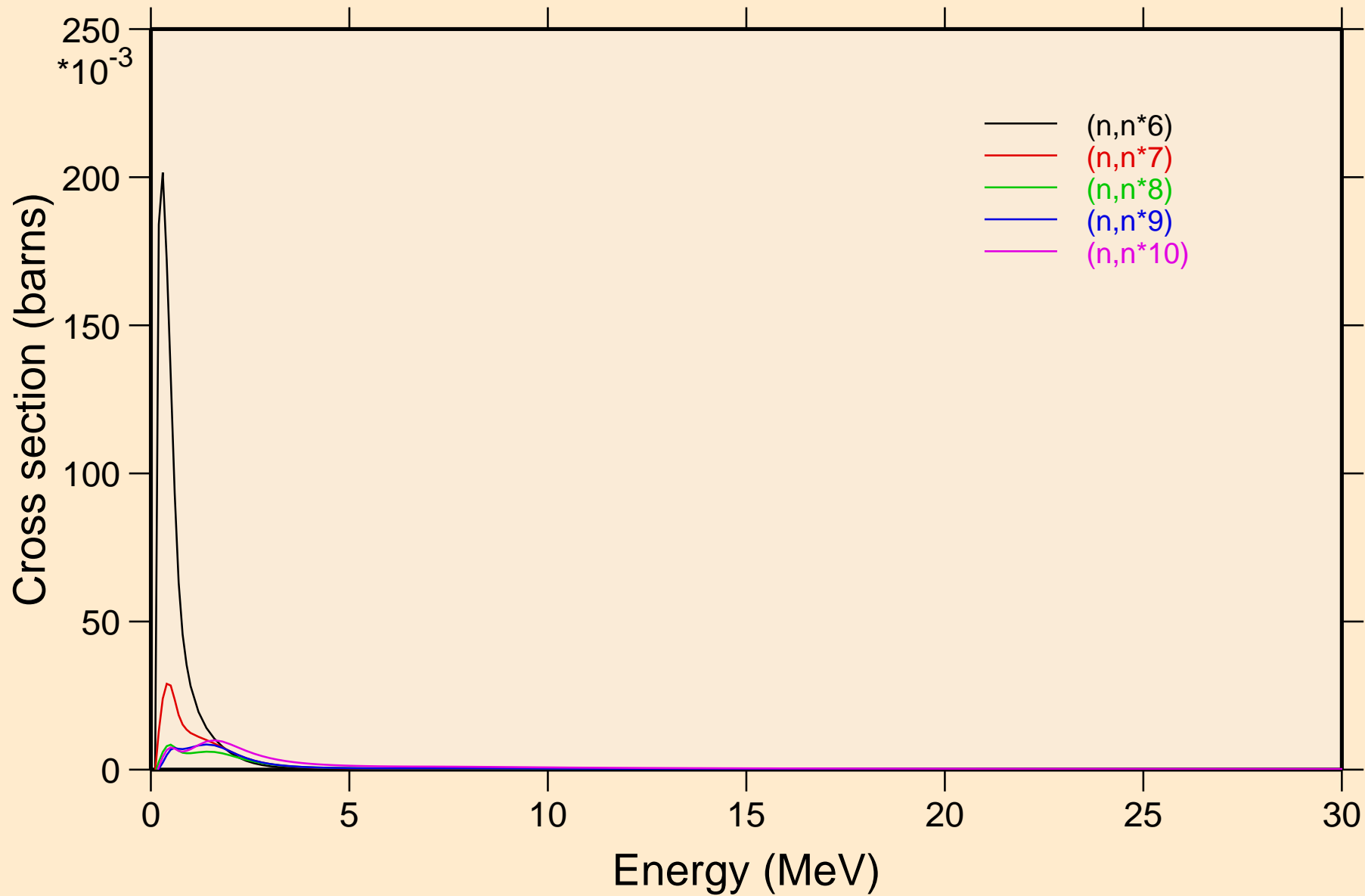
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Non-threshold reactions



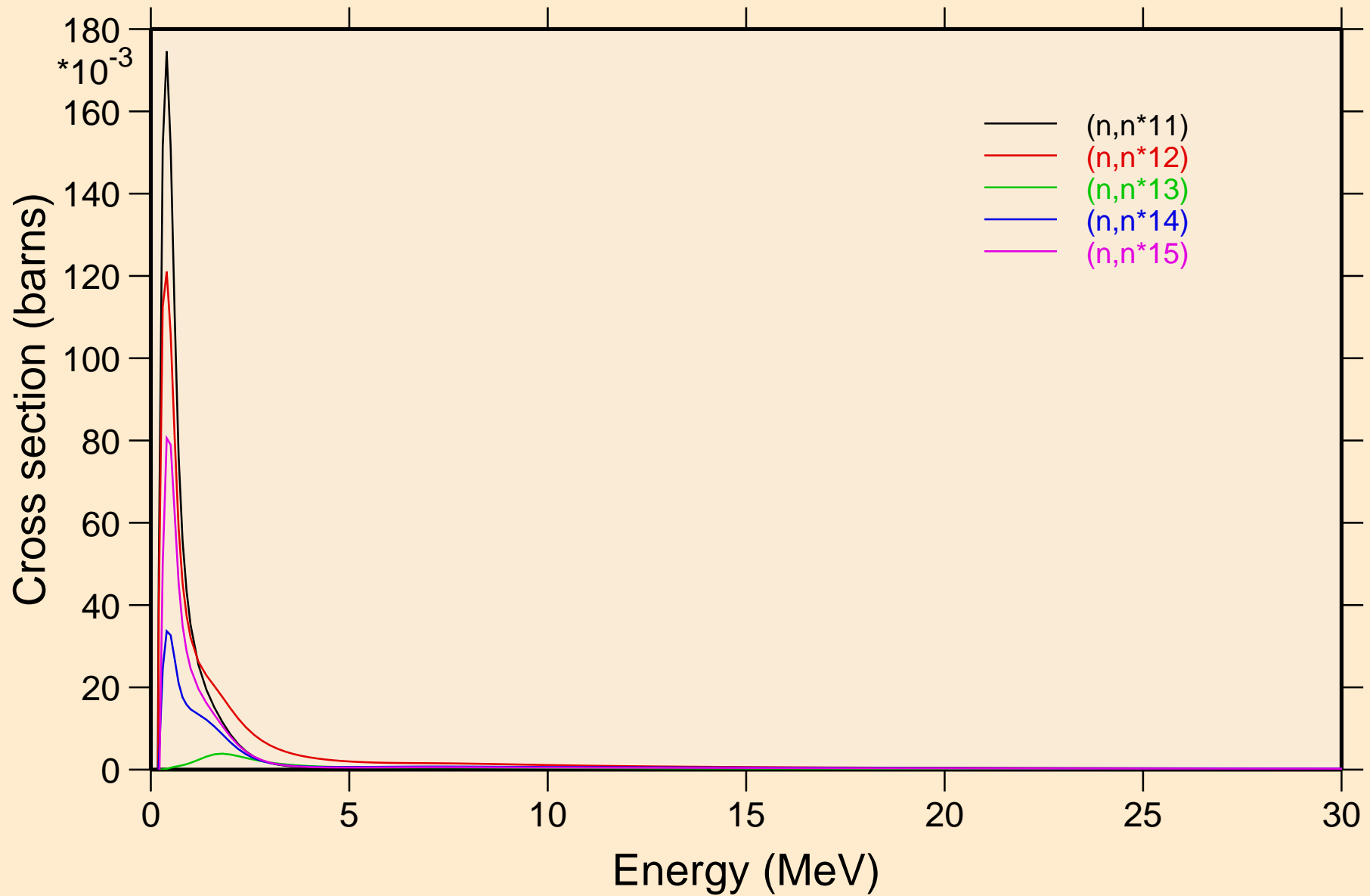
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Inelastic levels



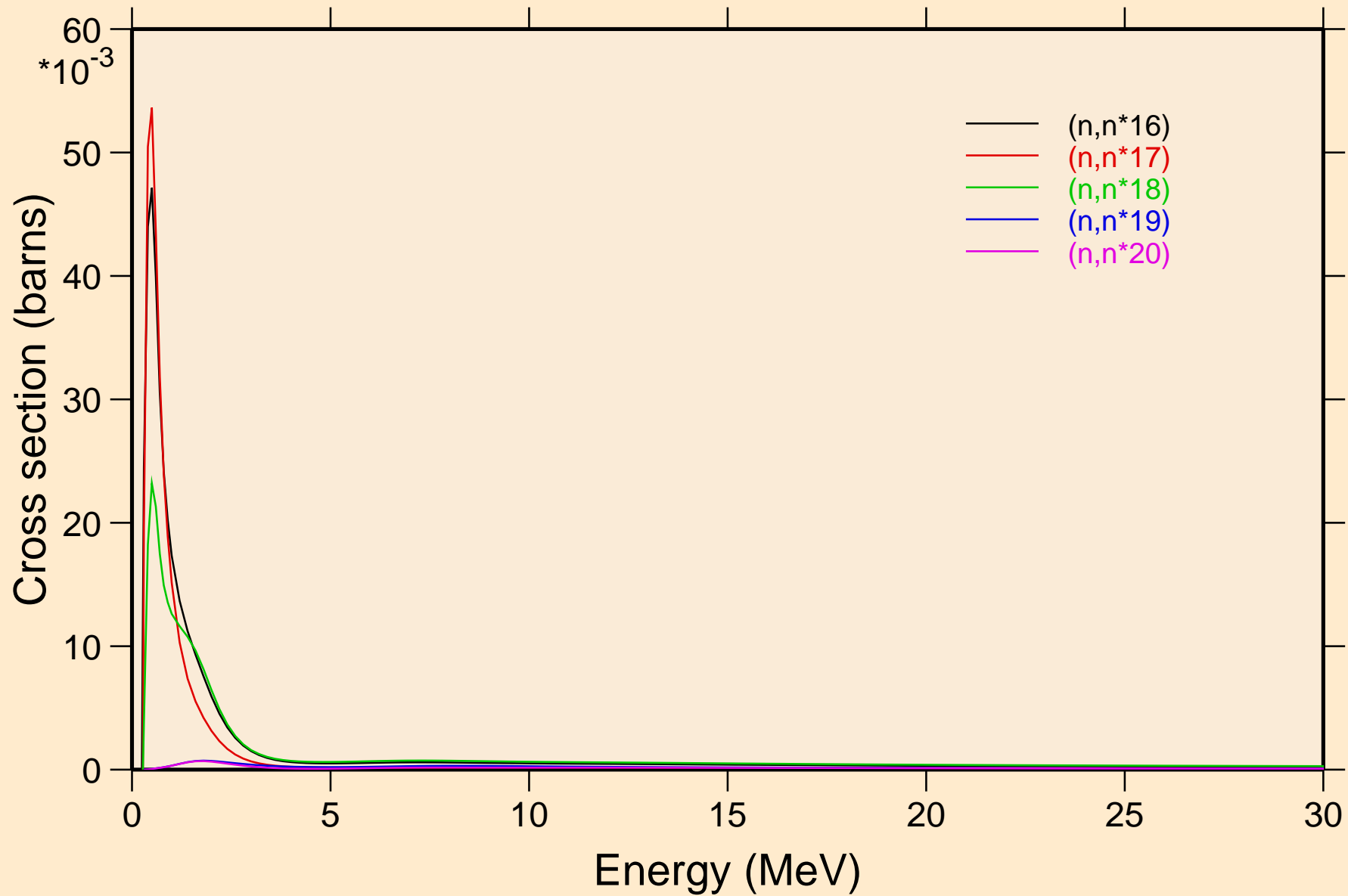
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Inelastic levels



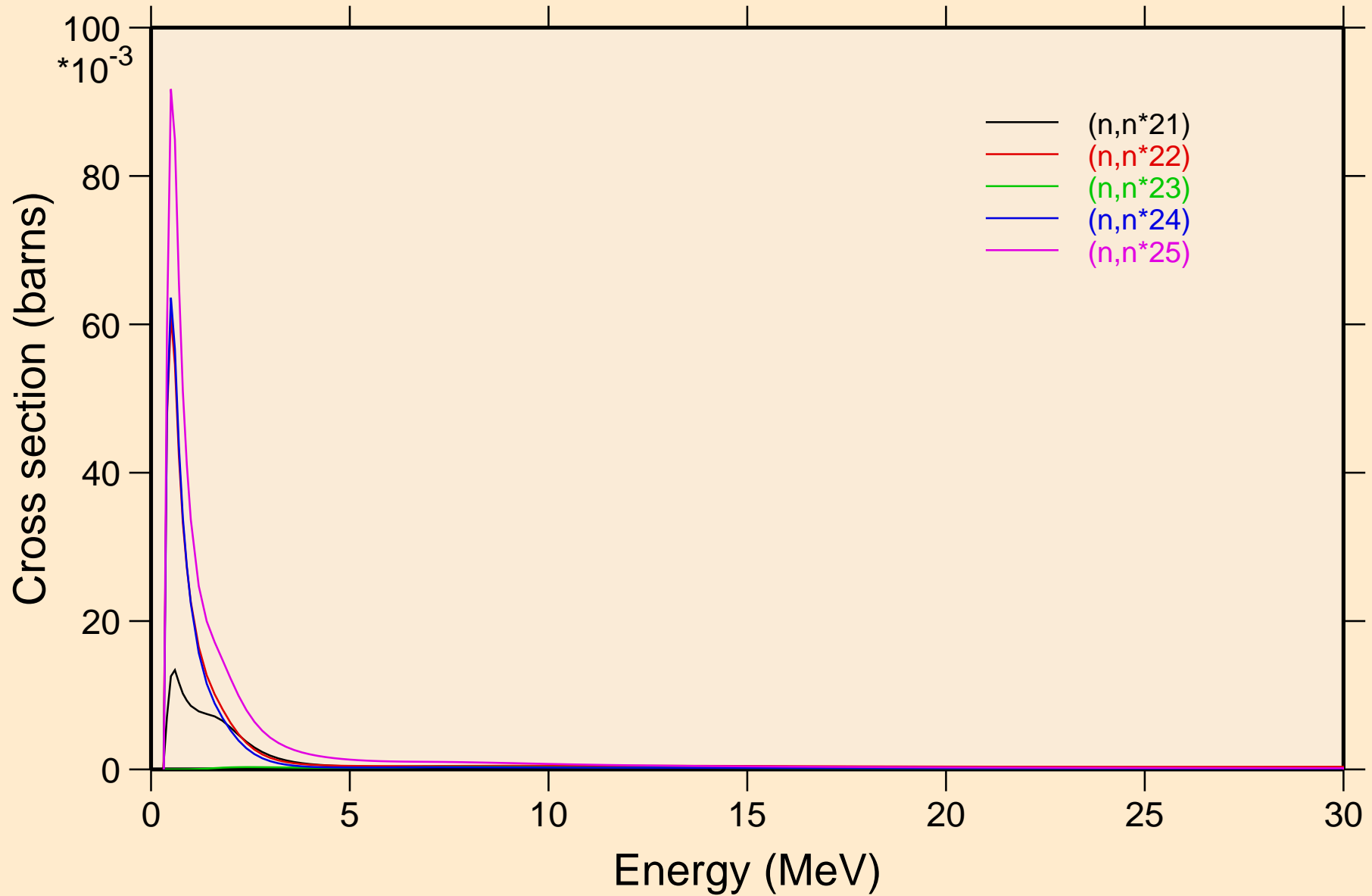
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Inelastic levels



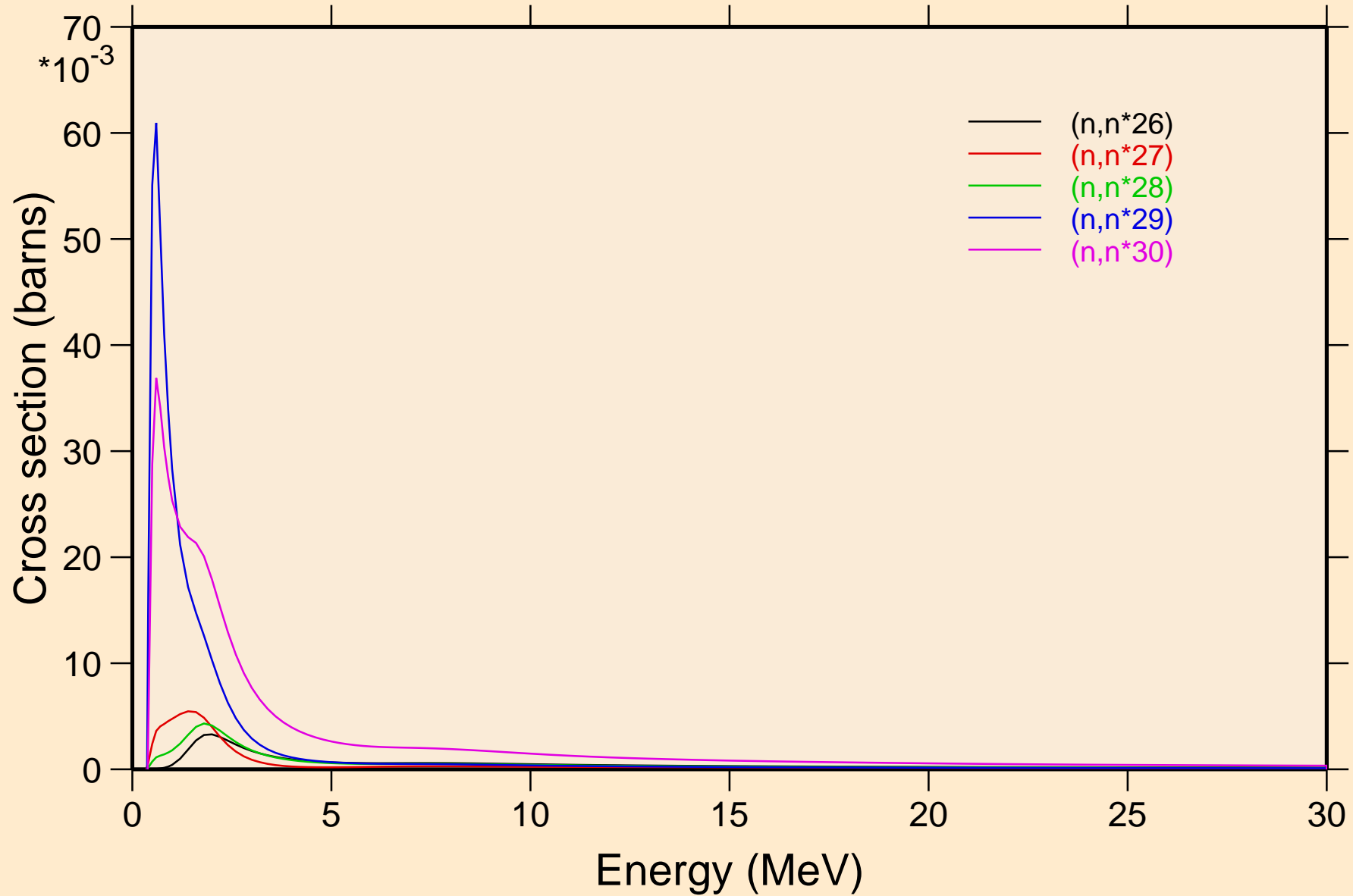
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Inelastic levels



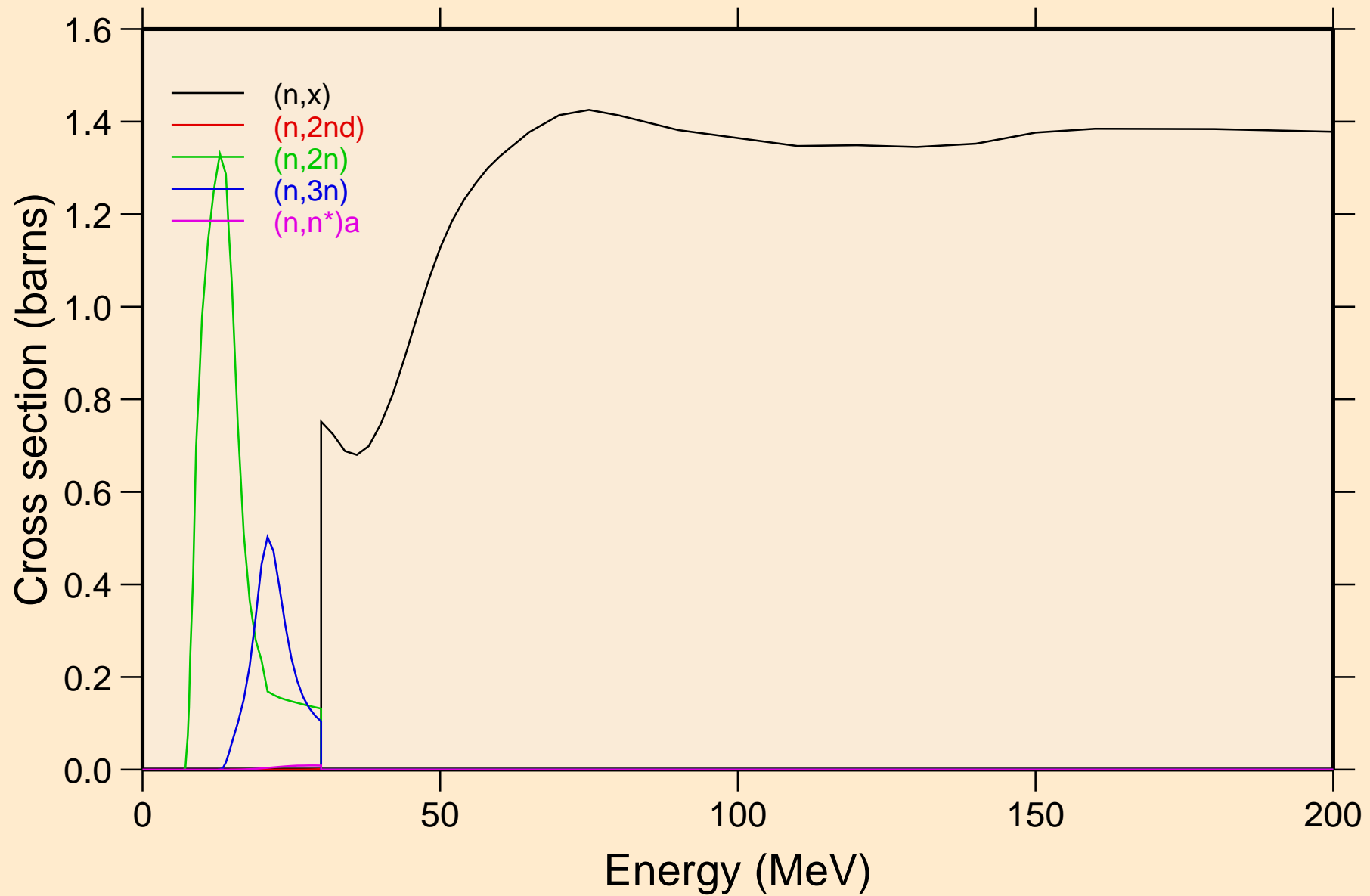
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Inelastic levels



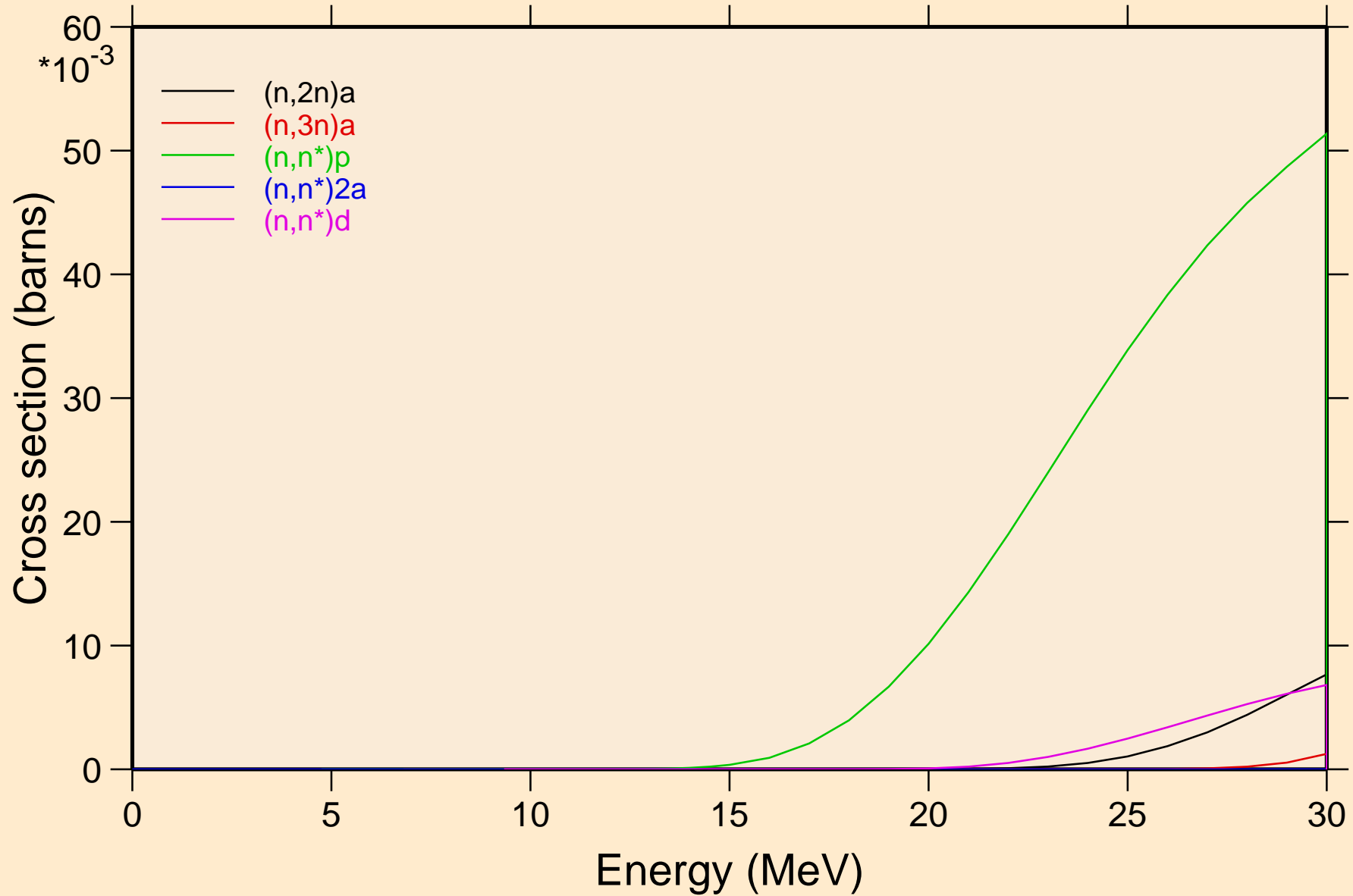
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Inelastic levels



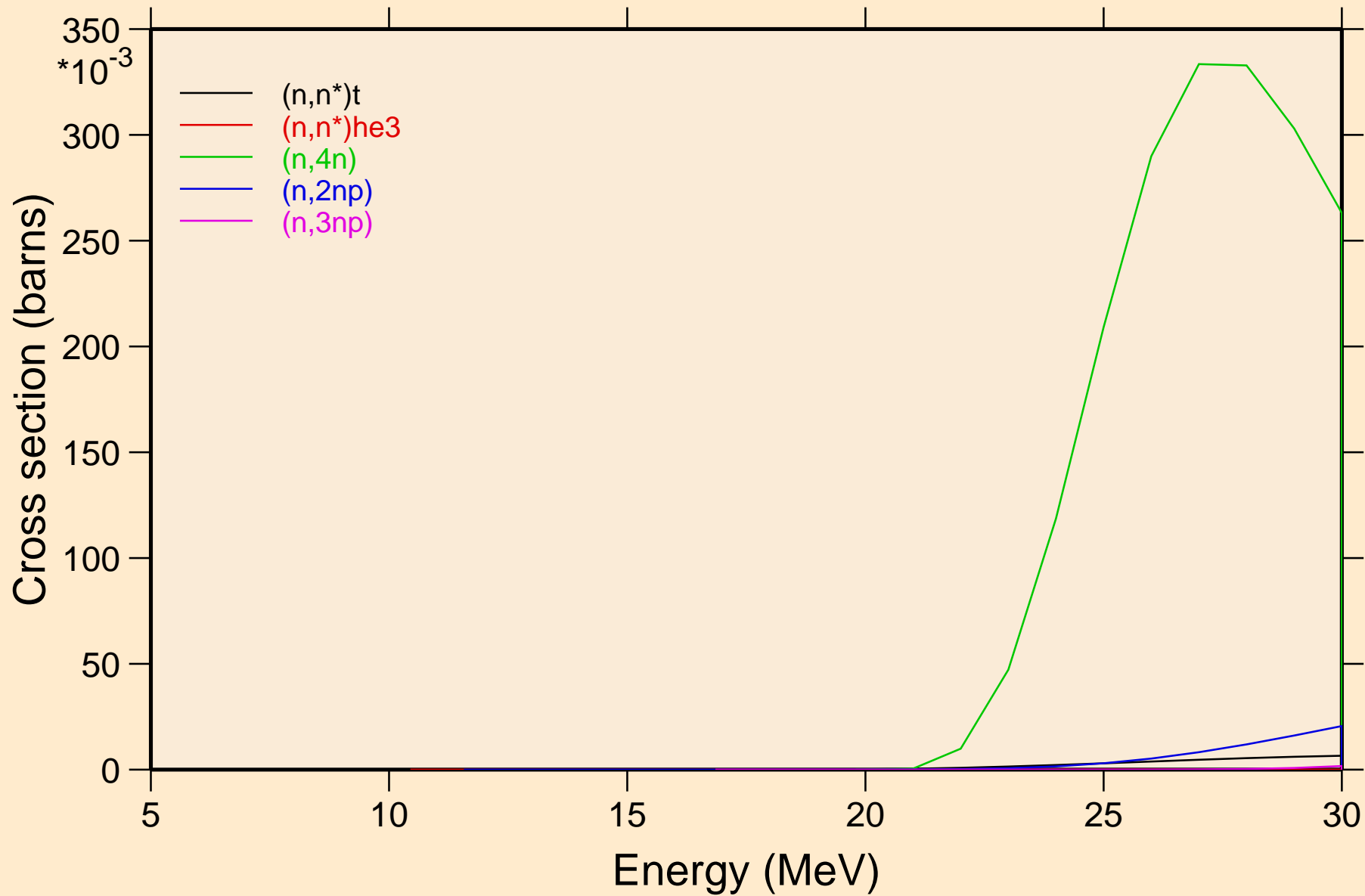
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Threshold reactions



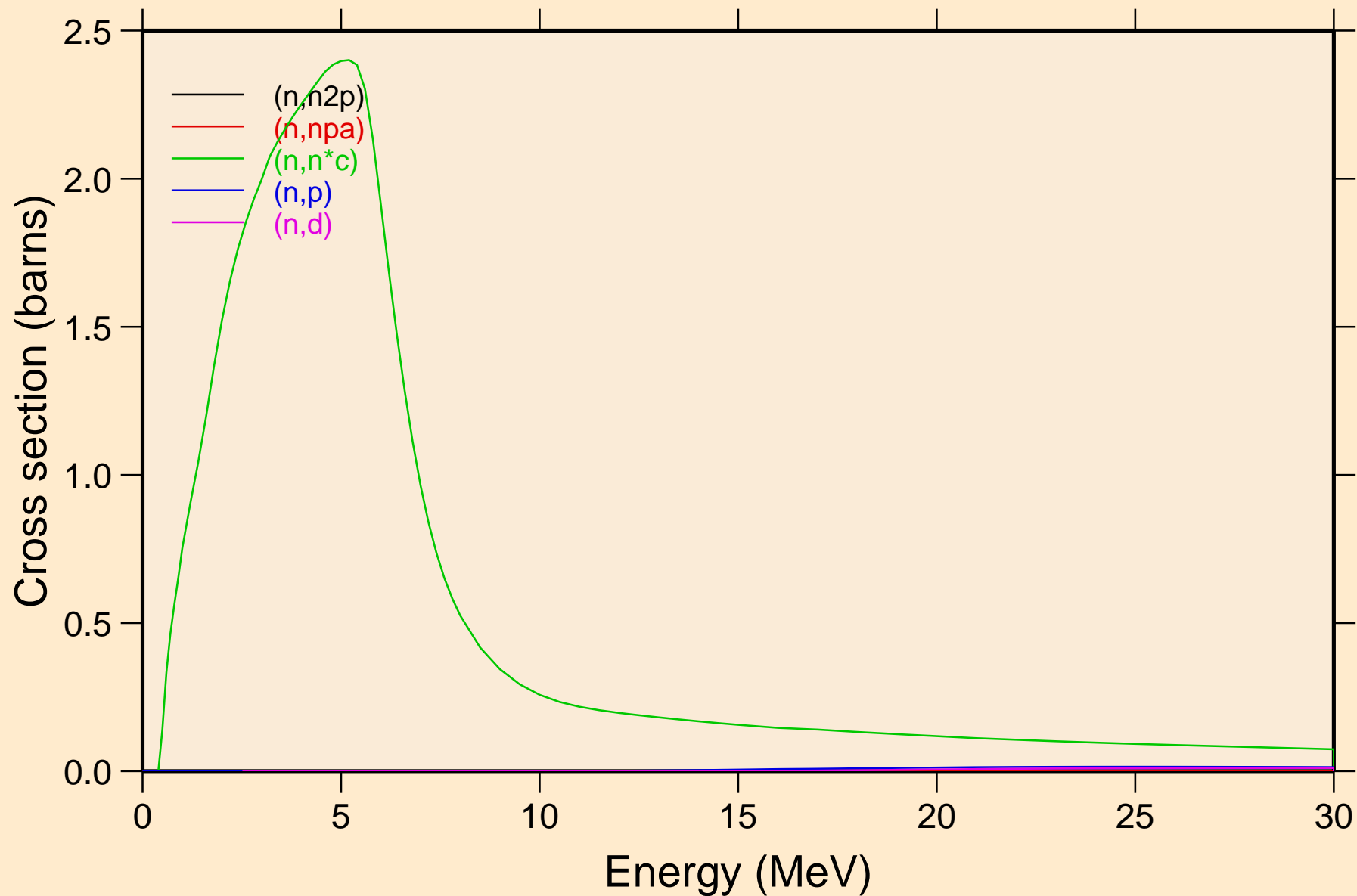
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Threshold reactions



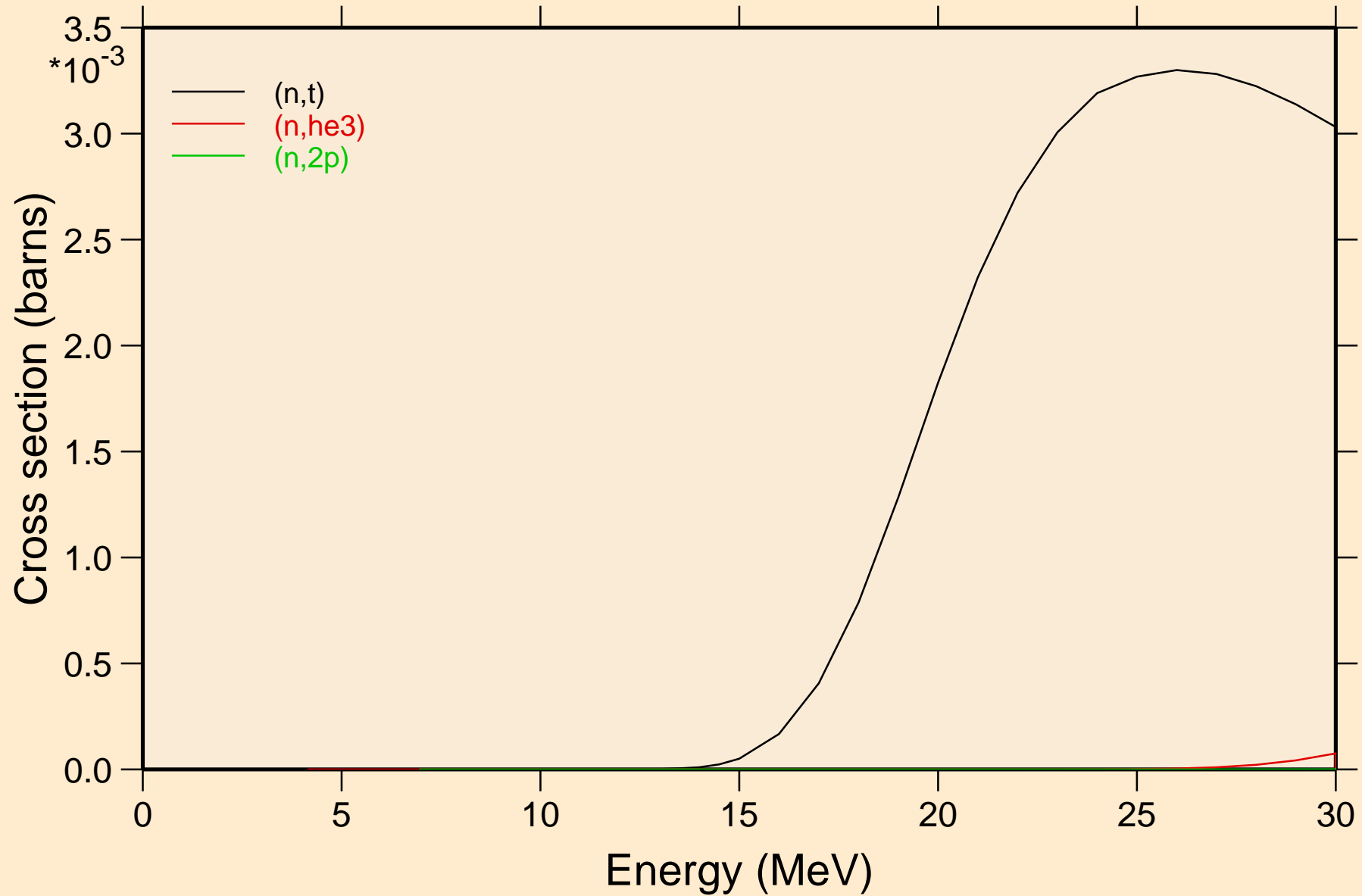
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Threshold reactions



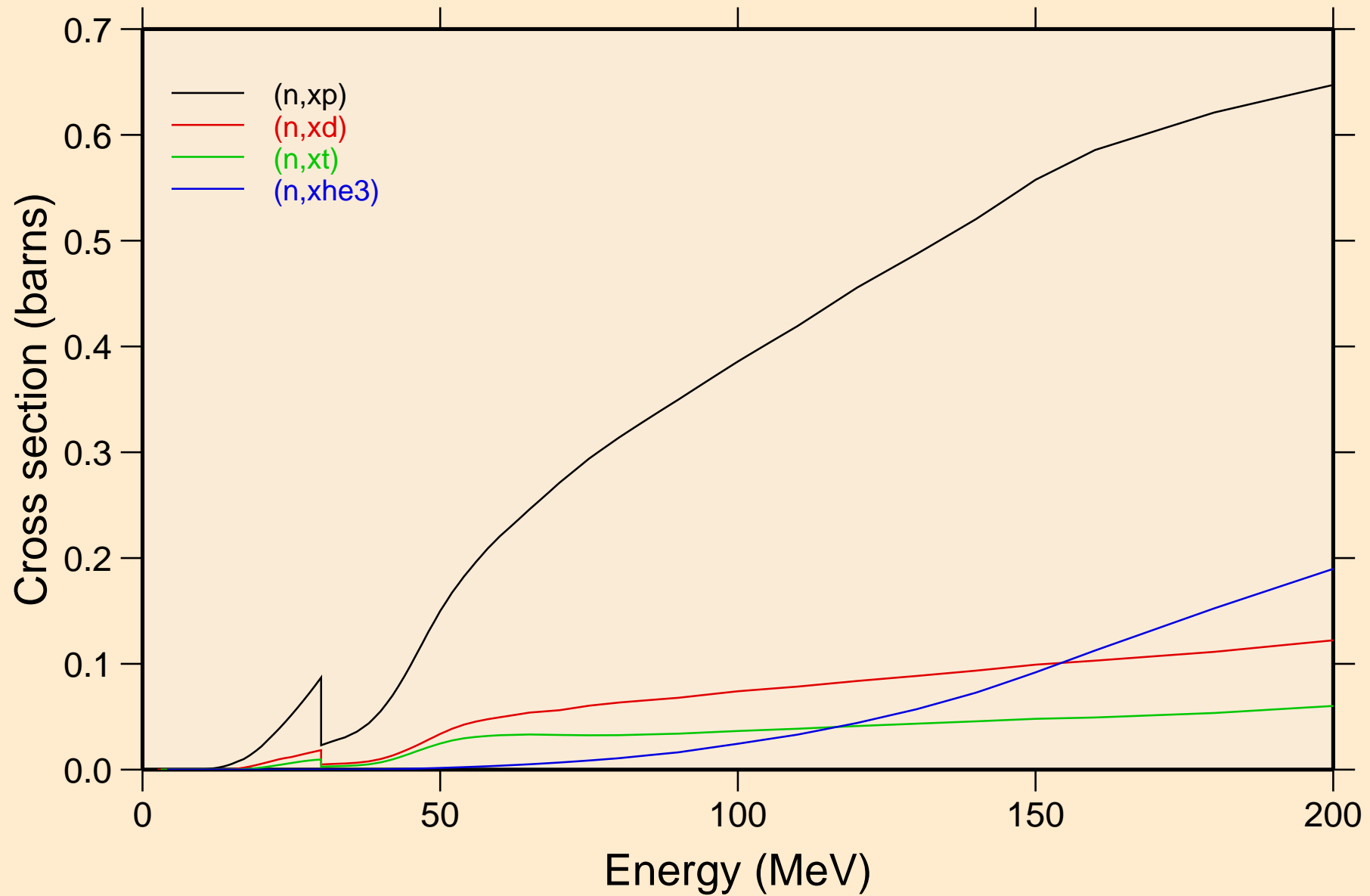
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Threshold reactions



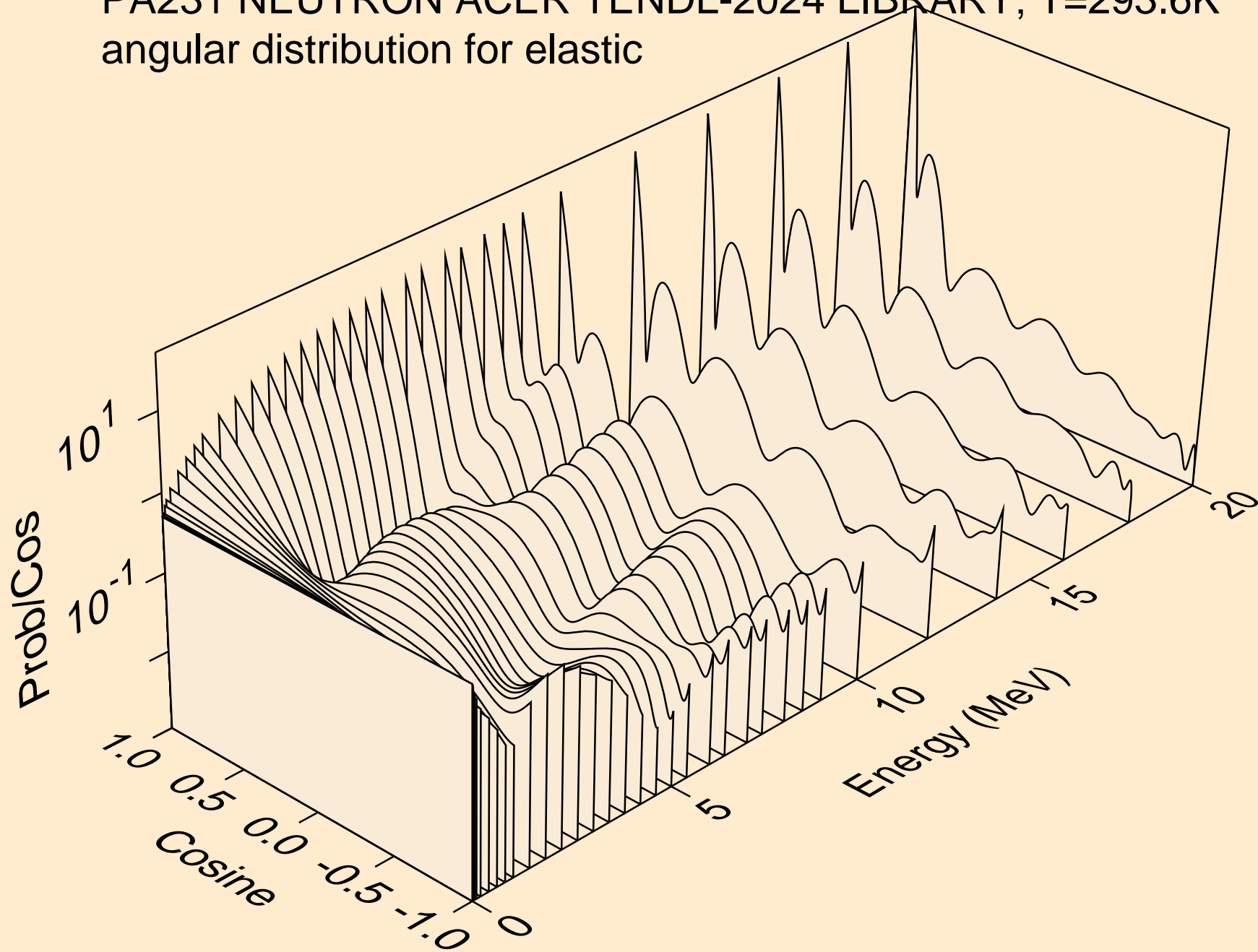
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Threshold reactions



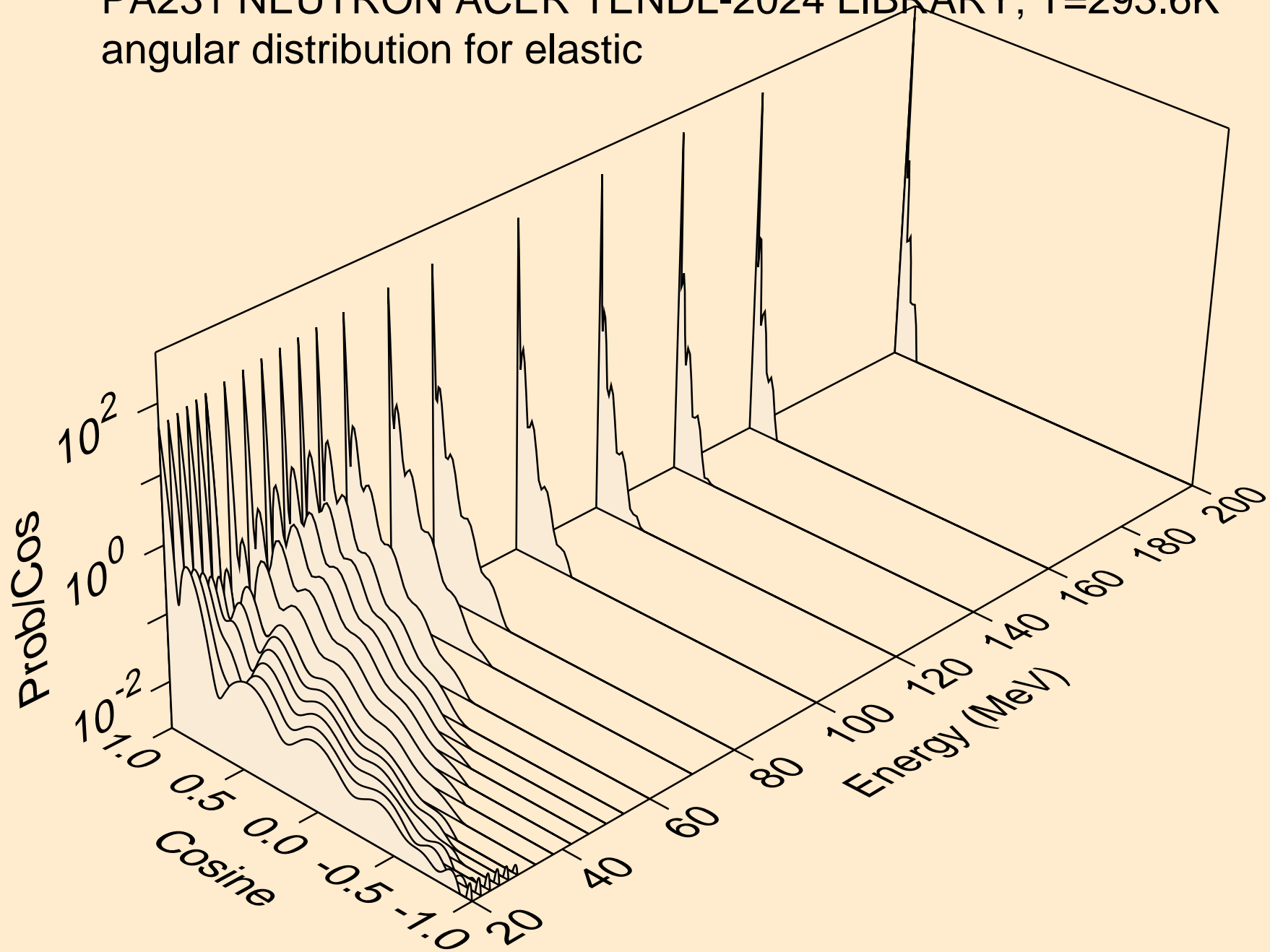
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Threshold reactions



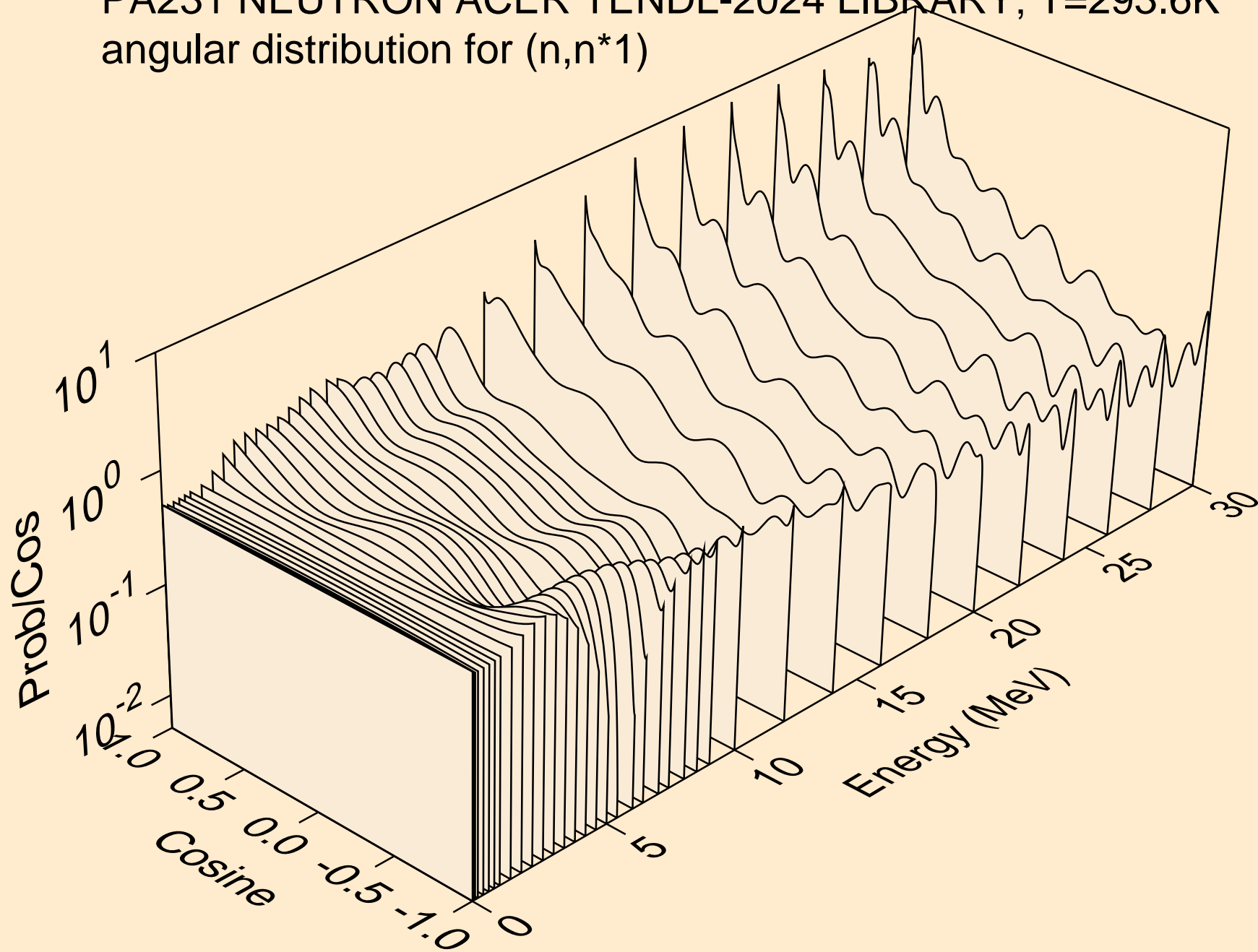
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angular distribution for elastic



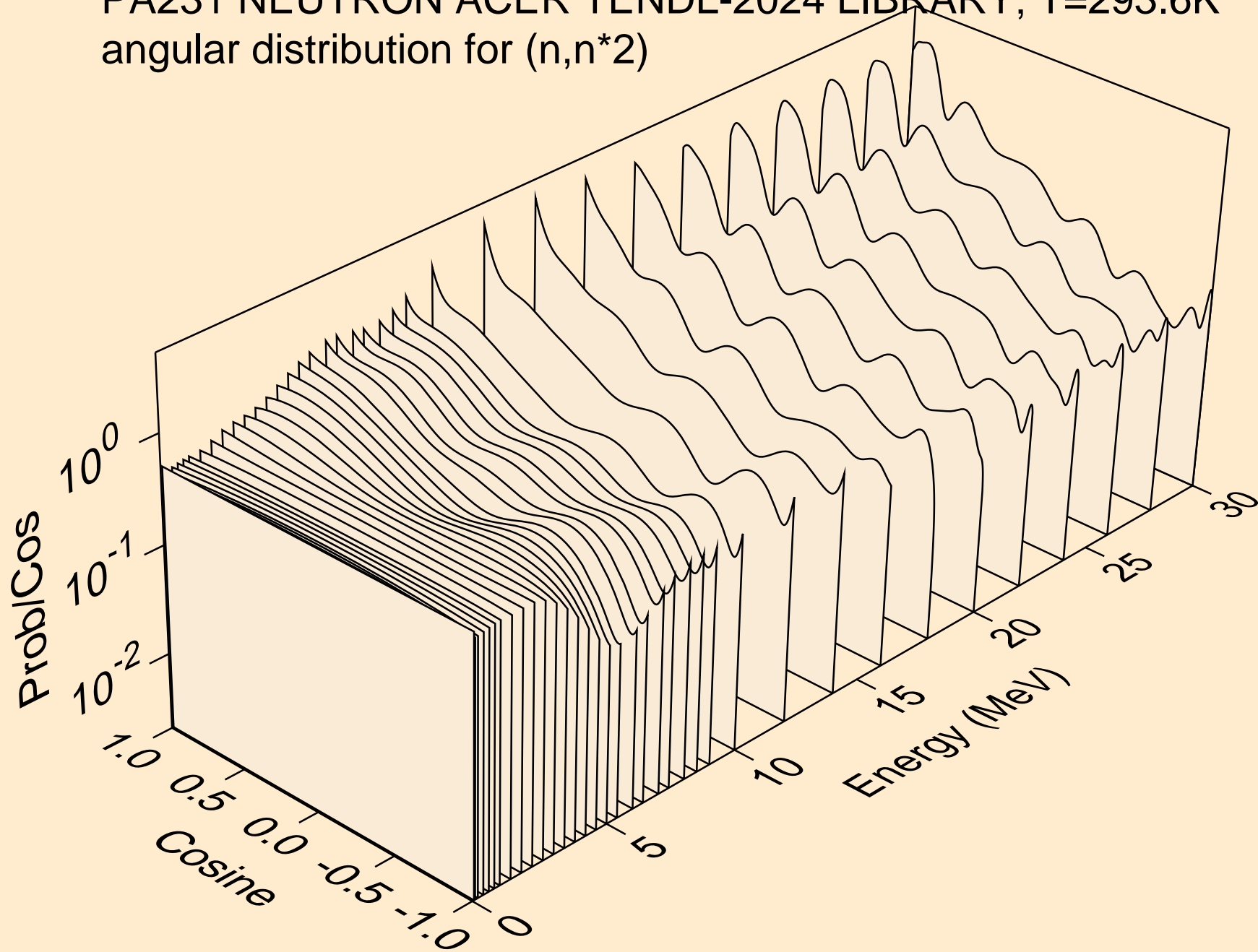
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angular distribution for elastic



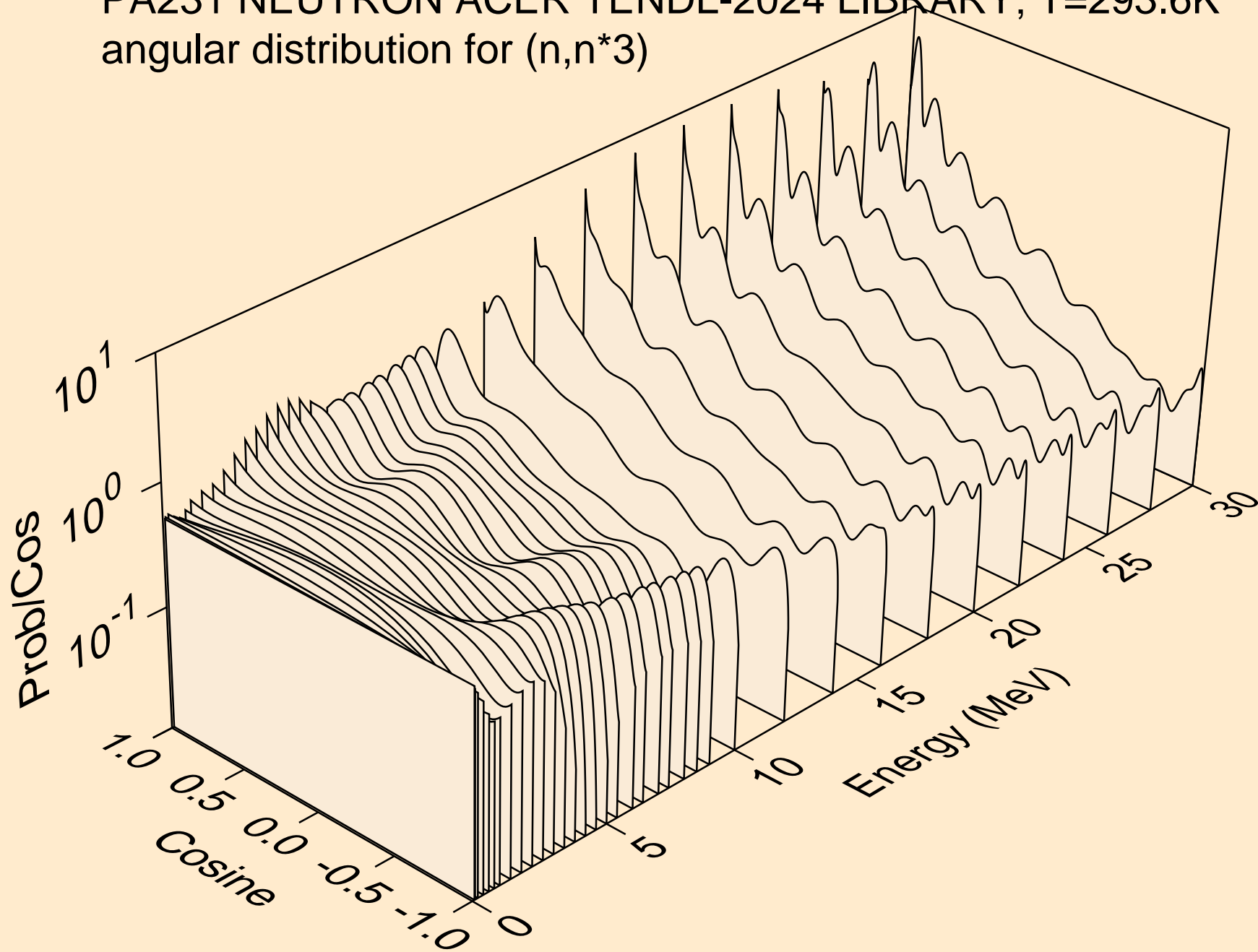
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angular distribution for (n,n\*1)



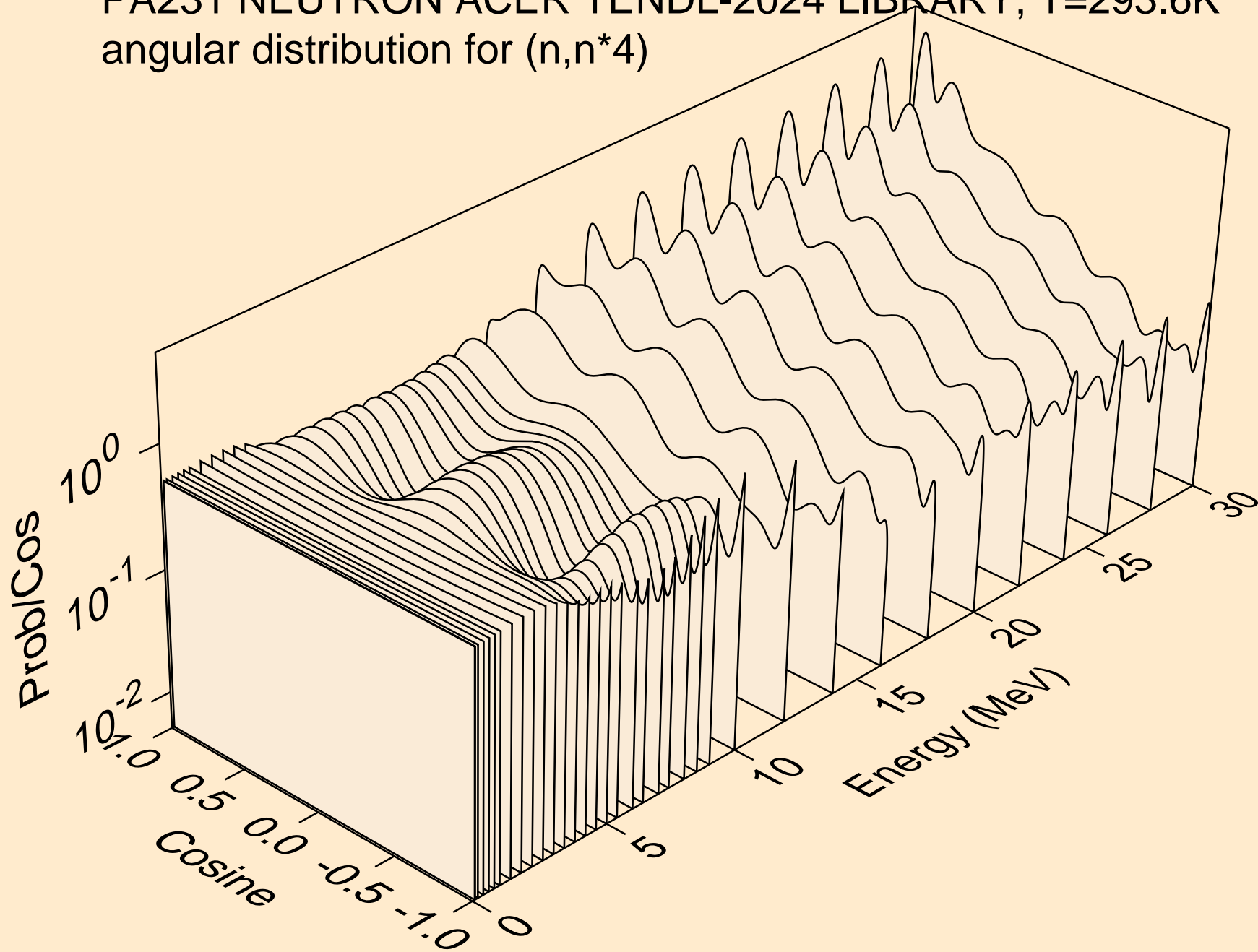
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angular distribution for (n,n\*2)



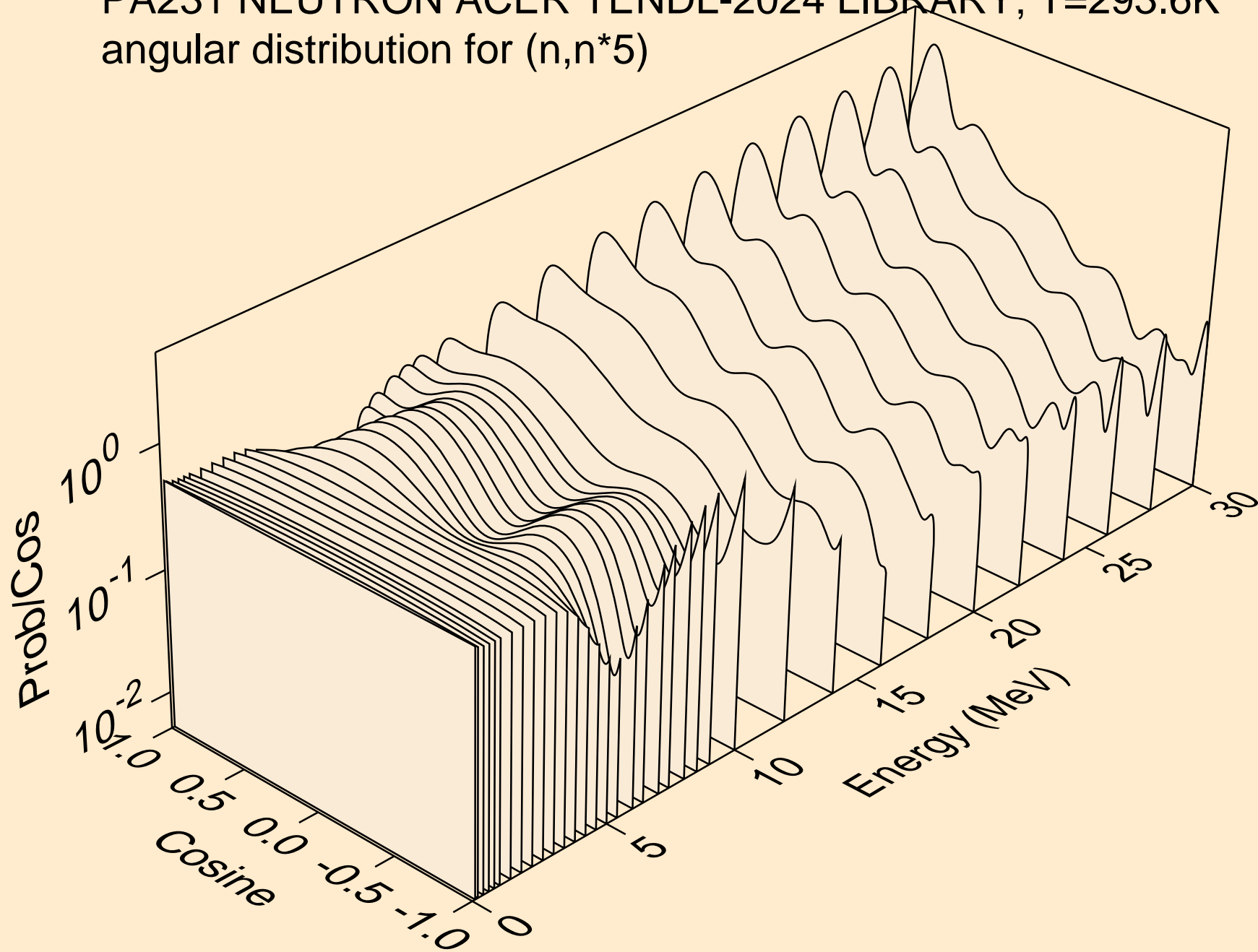
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angular distribution for (n,n\*3)



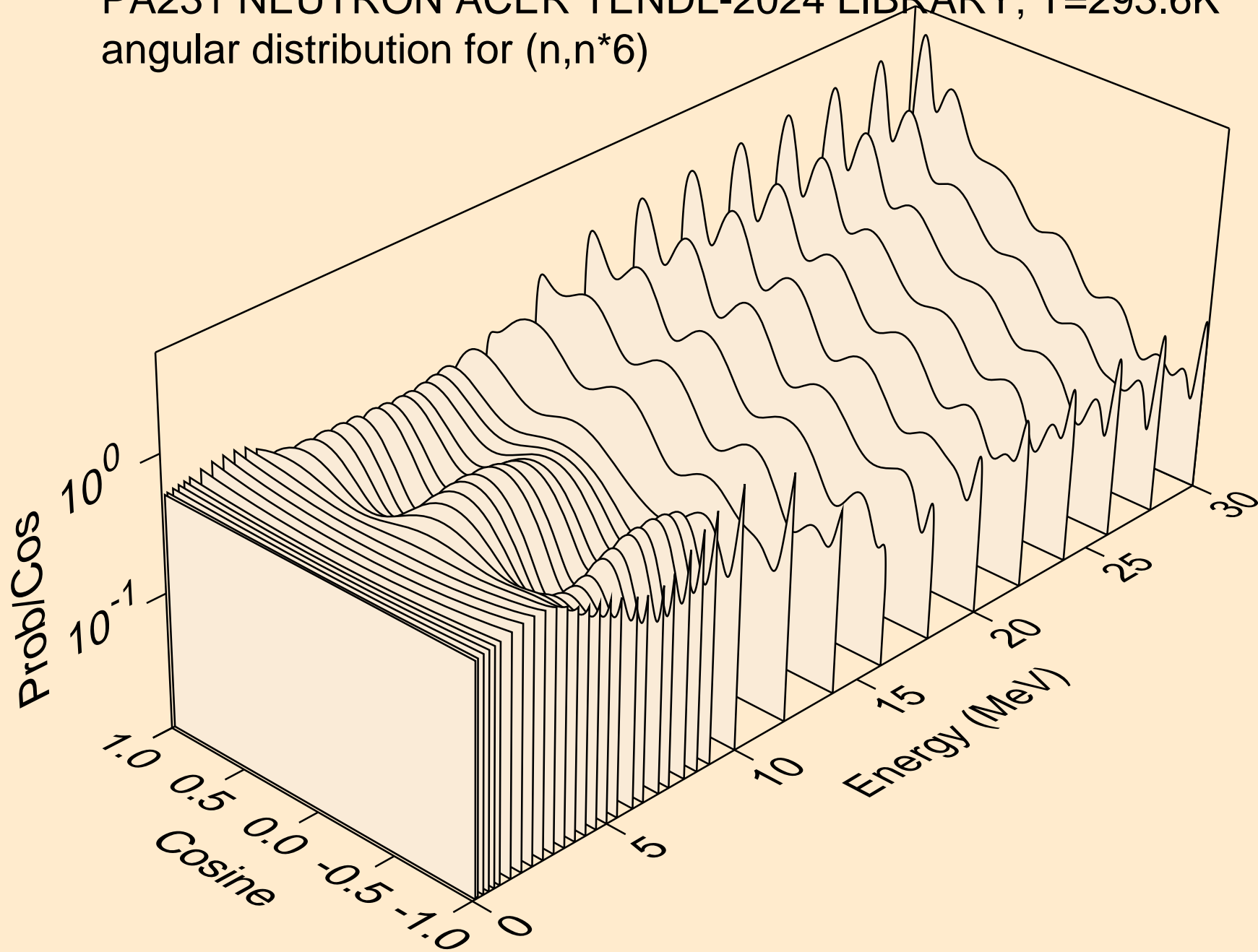
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angular distribution for (n,n\*4)



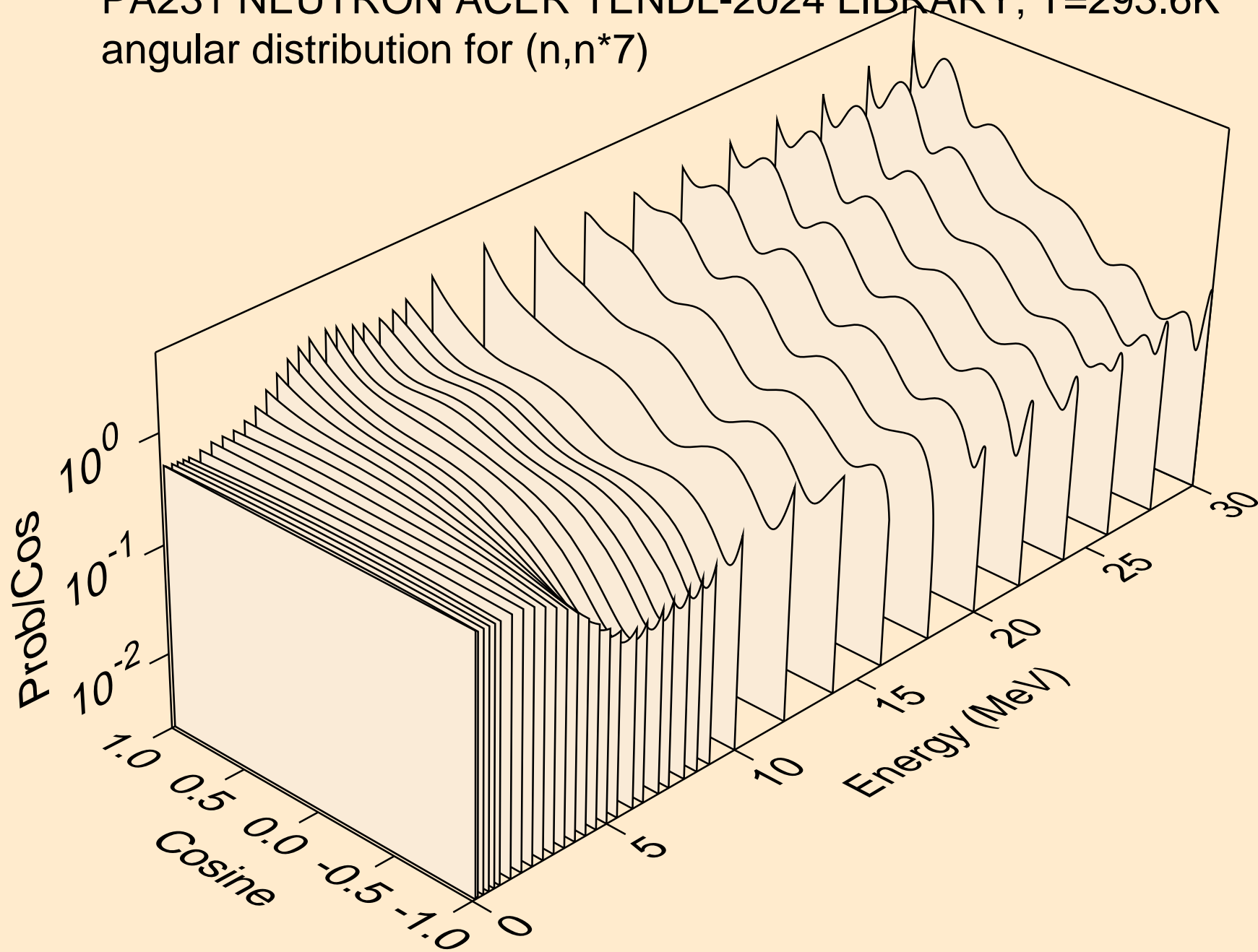
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angular distribution for (n,n\*5)



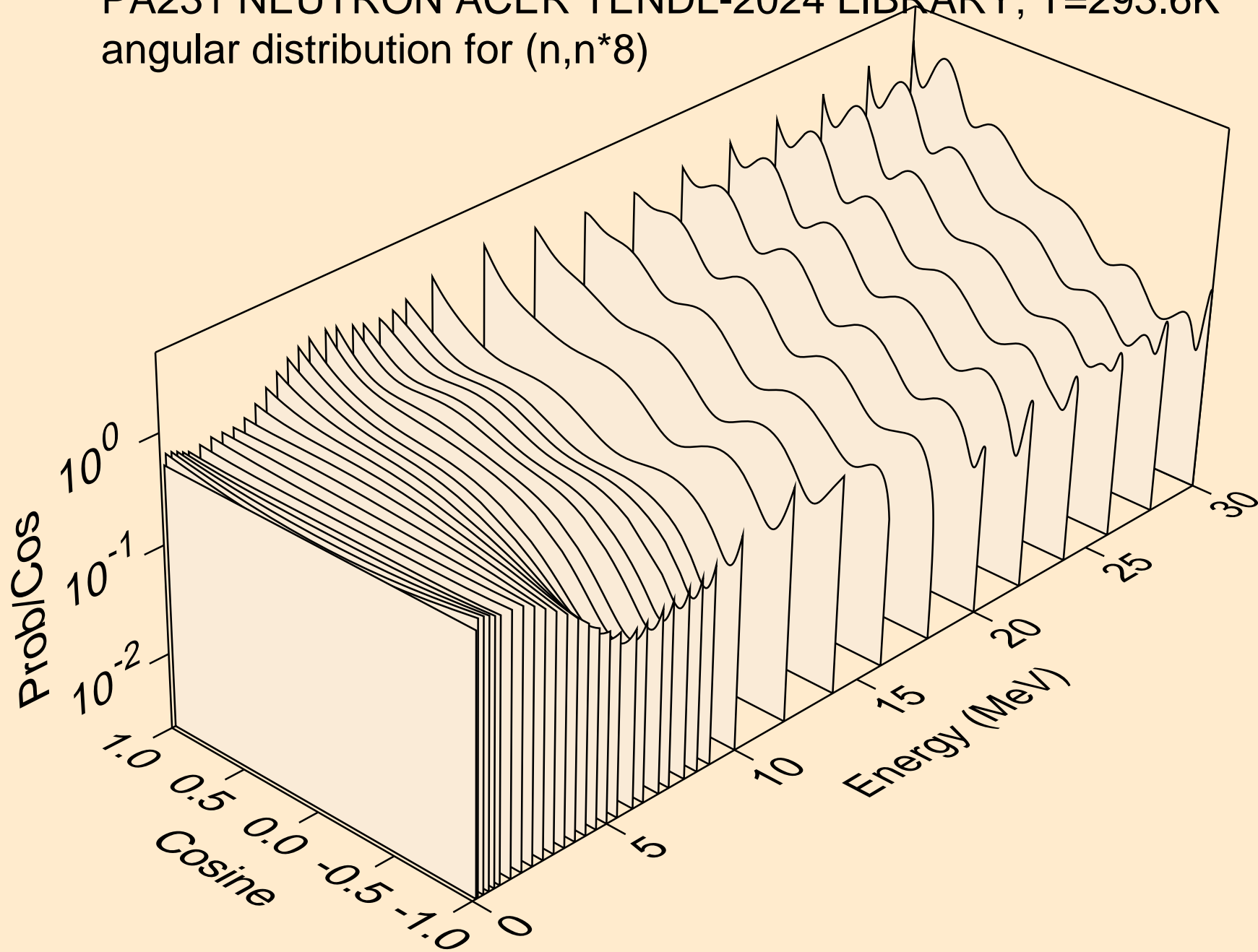
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angular distribution for (n,n\*6)



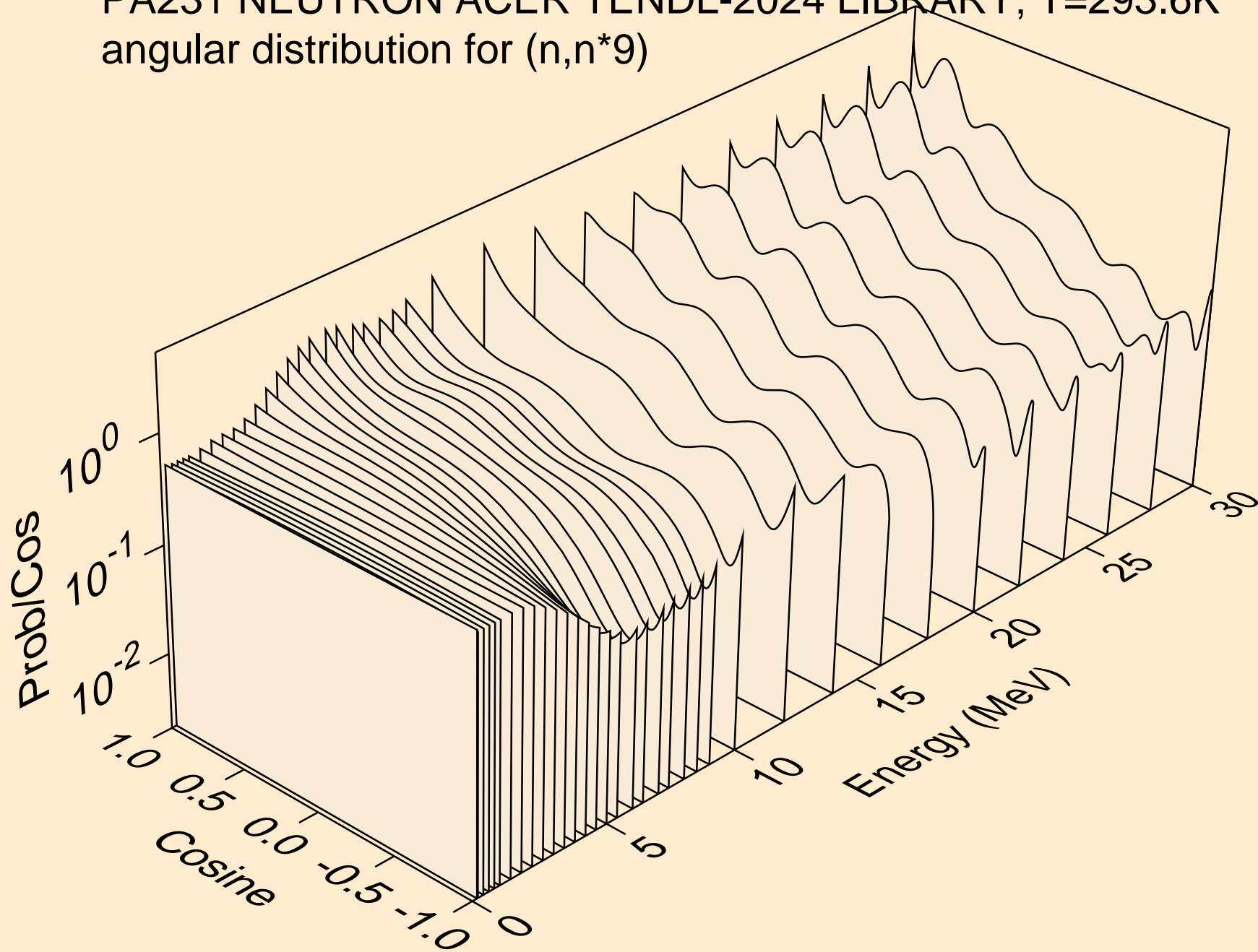
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angular distribution for (n,n\*7)



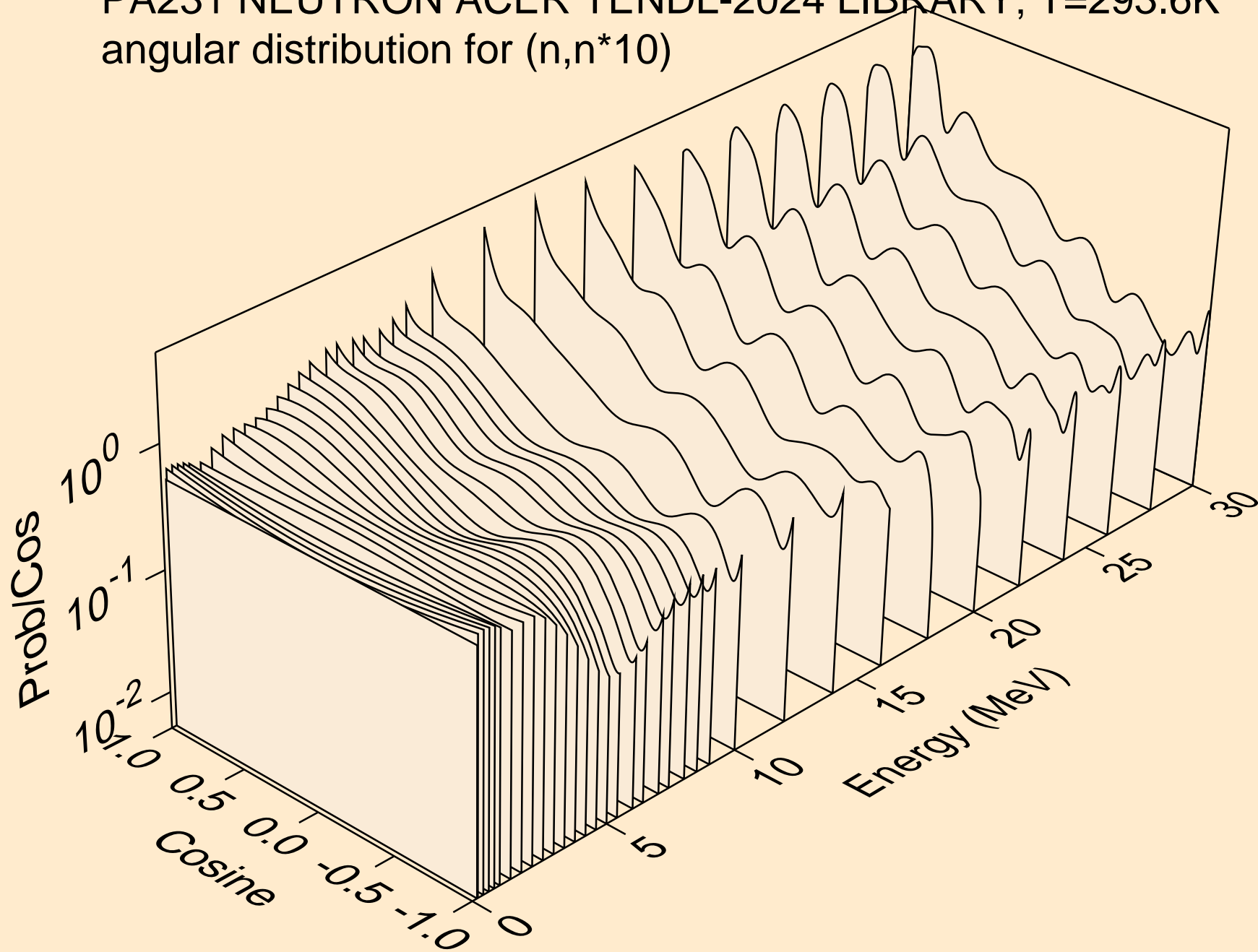
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angular distribution for (n,n\*8)



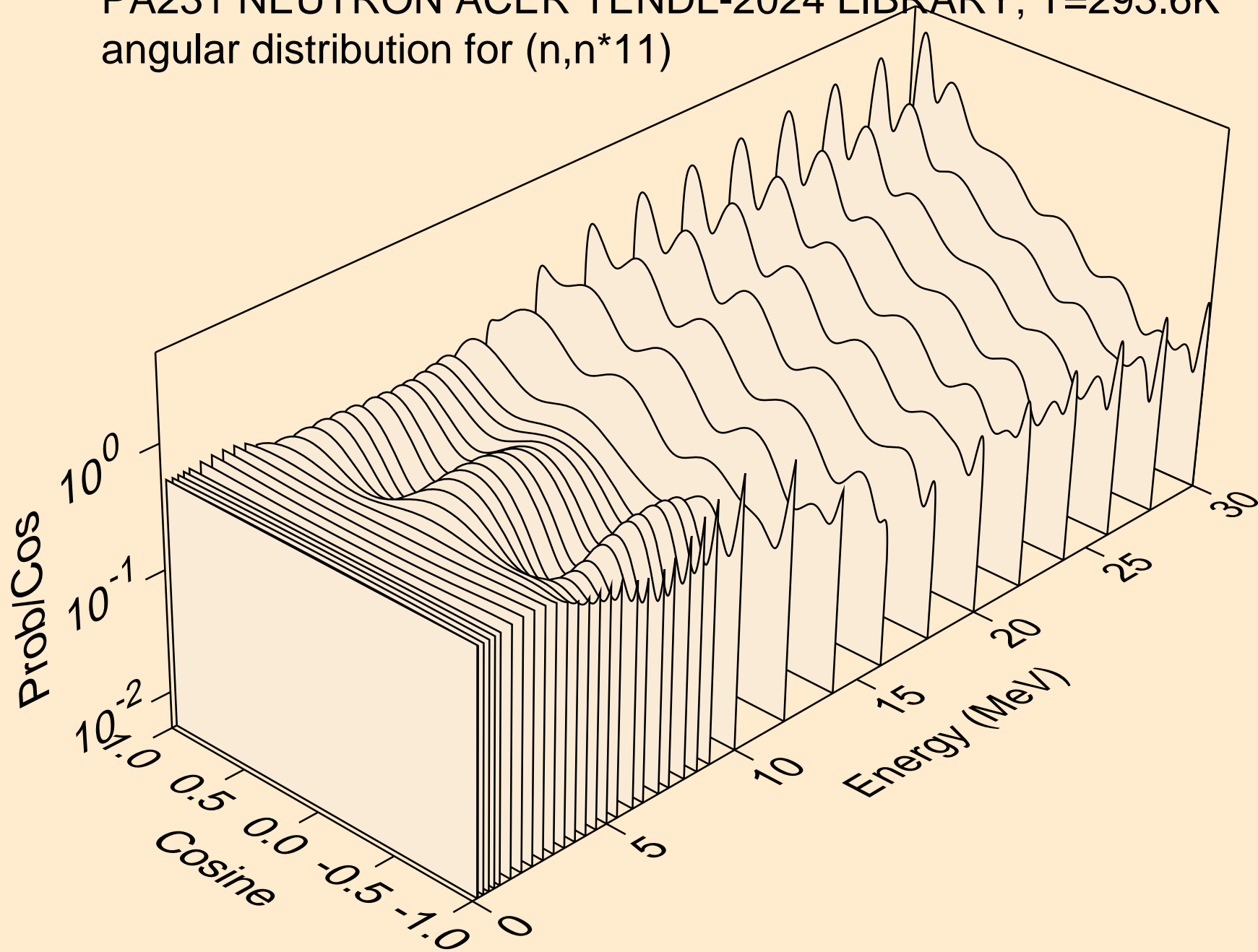
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angular distribution for (n,n\*9)



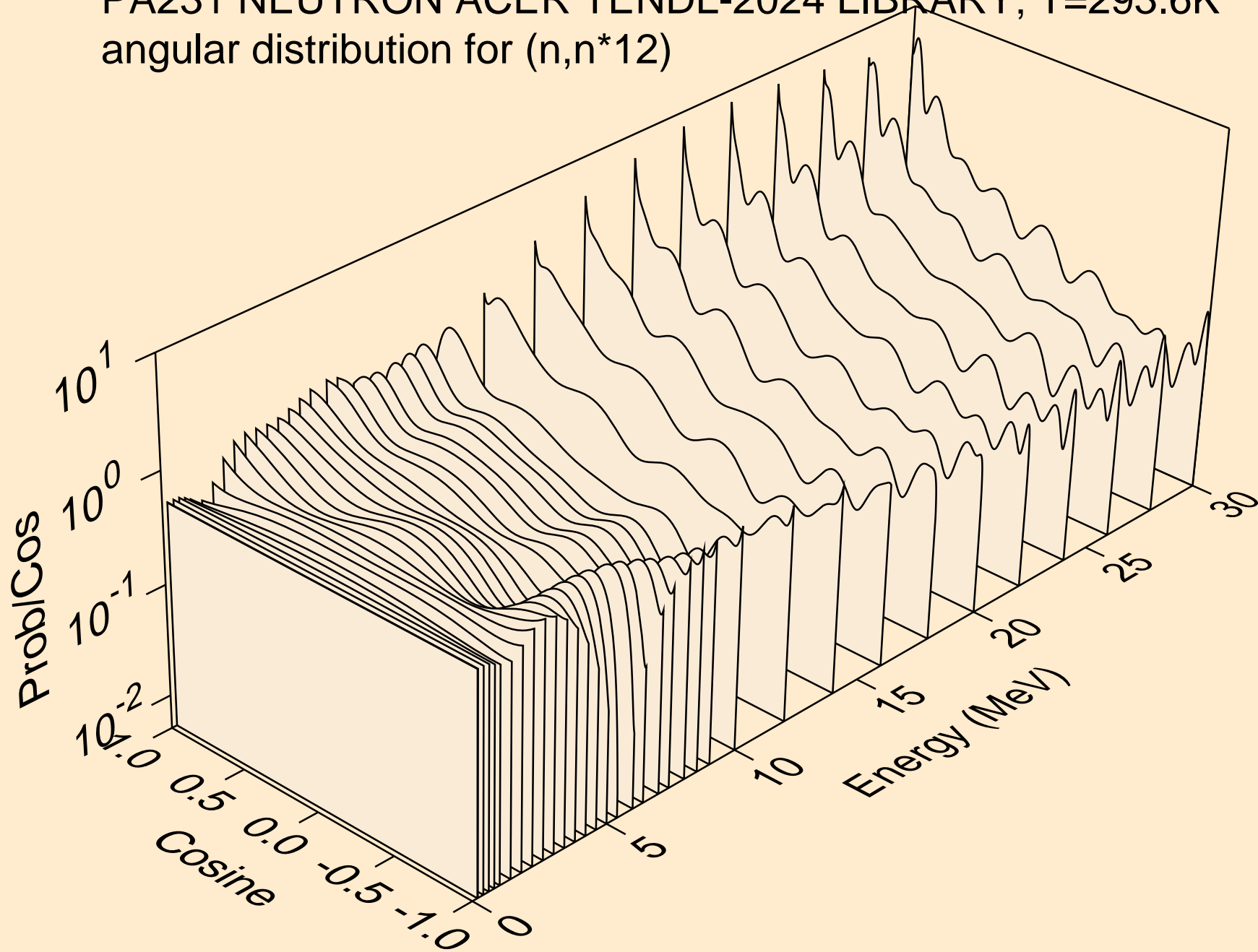
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angular distribution for (n,n\*10)



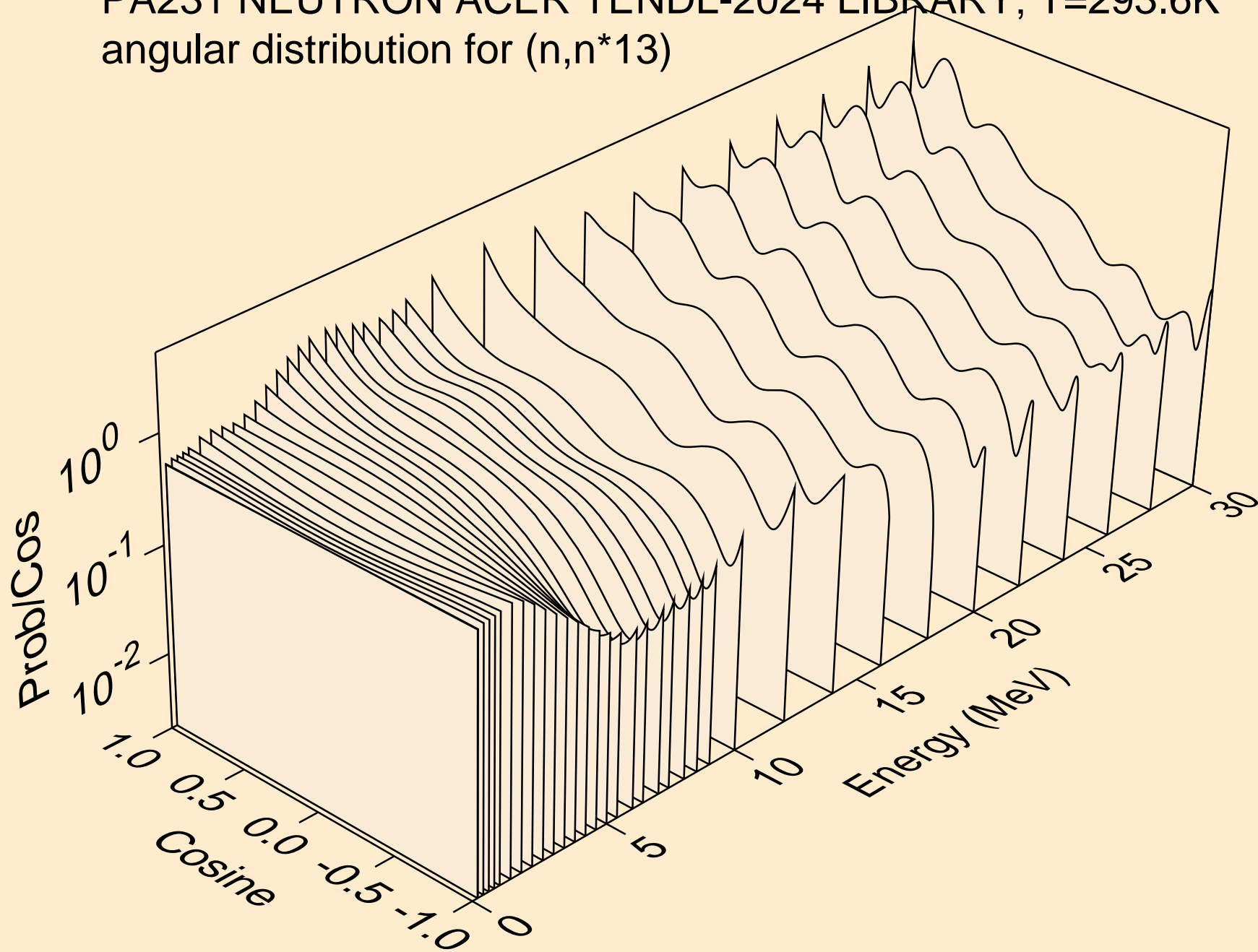
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angular distribution for (n,n\*11)



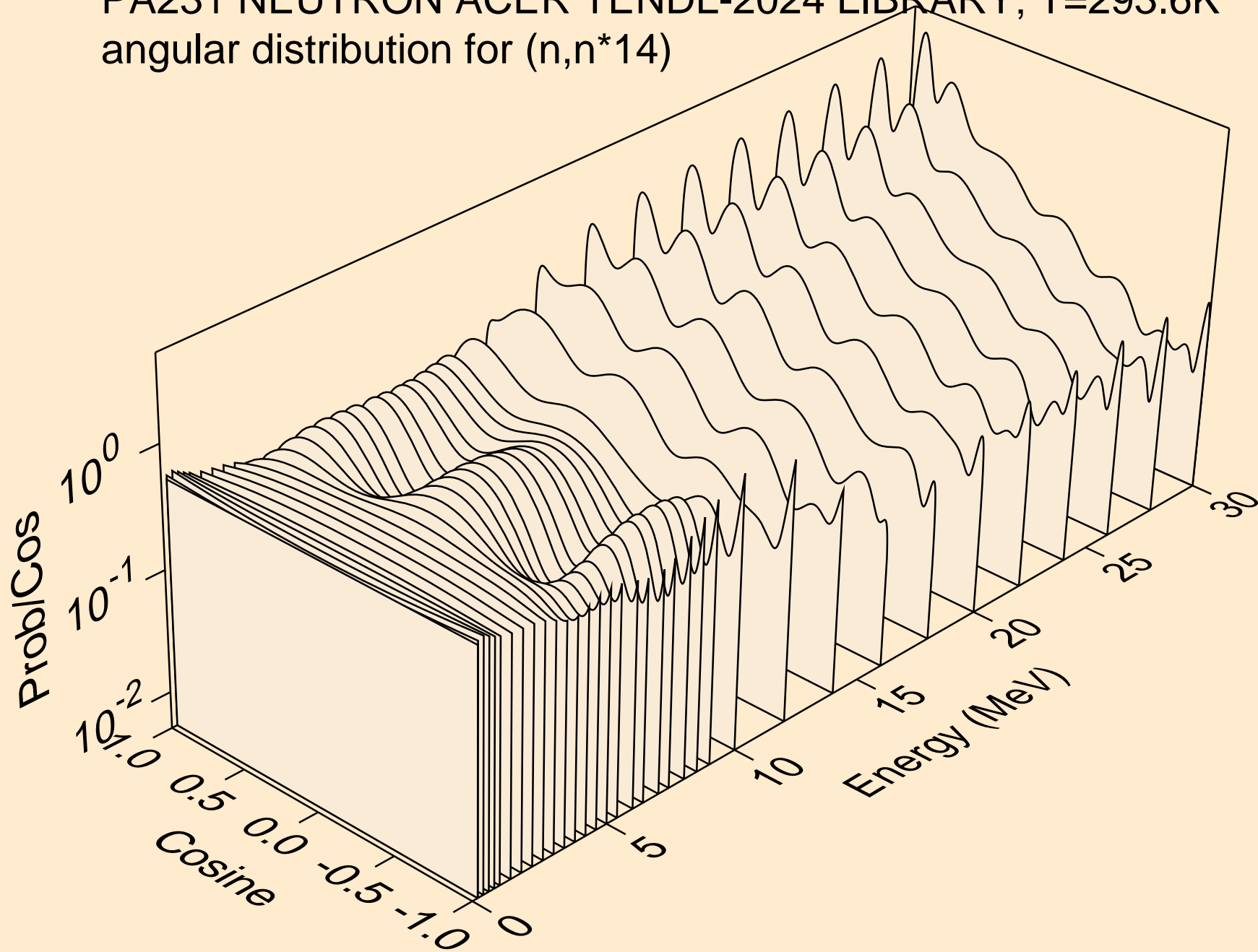
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angular distribution for (n,n\*12)



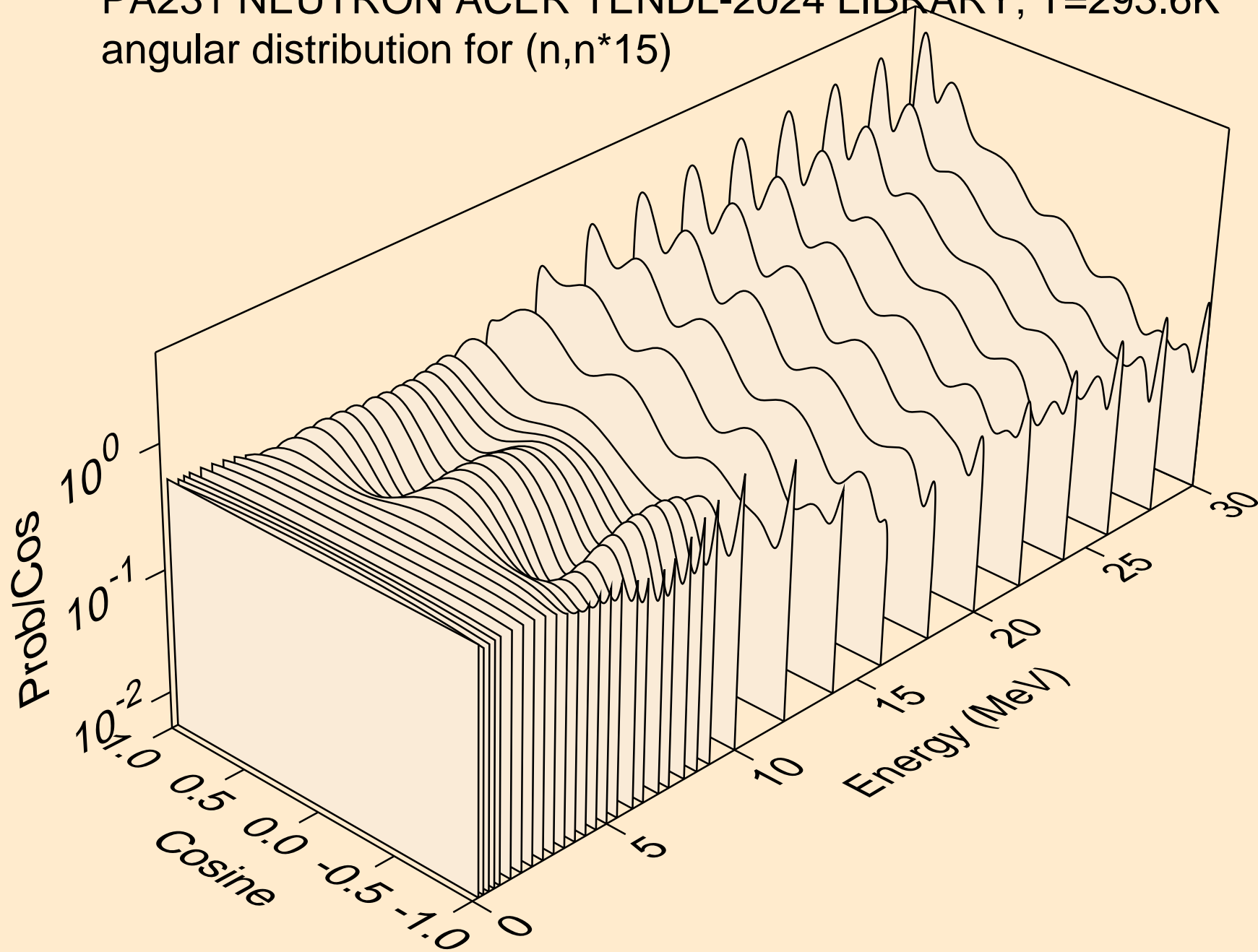
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angular distribution for (n,n\*13)



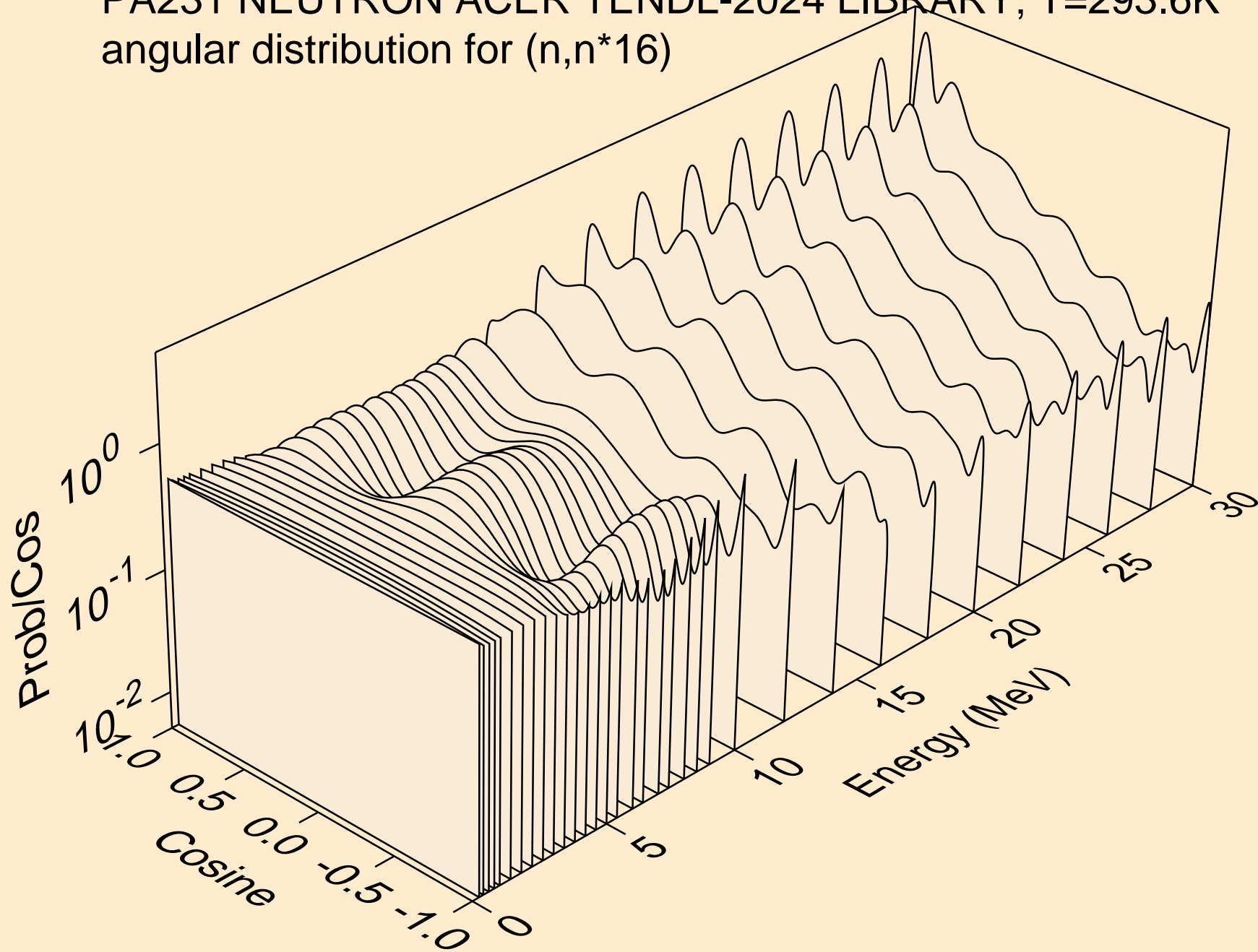
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angular distribution for (n,n\*14)



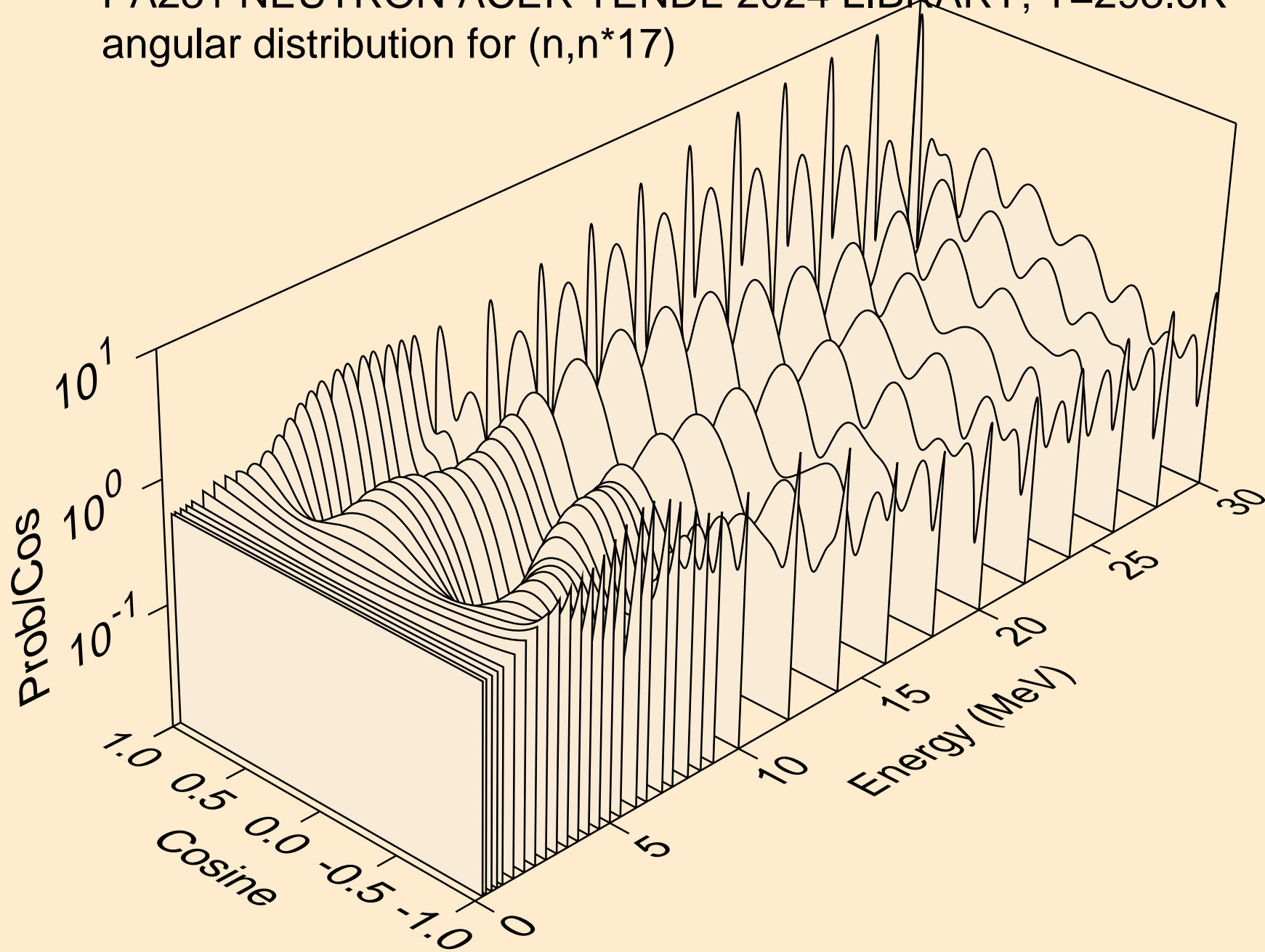
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angular distribution for (n,n\*15)



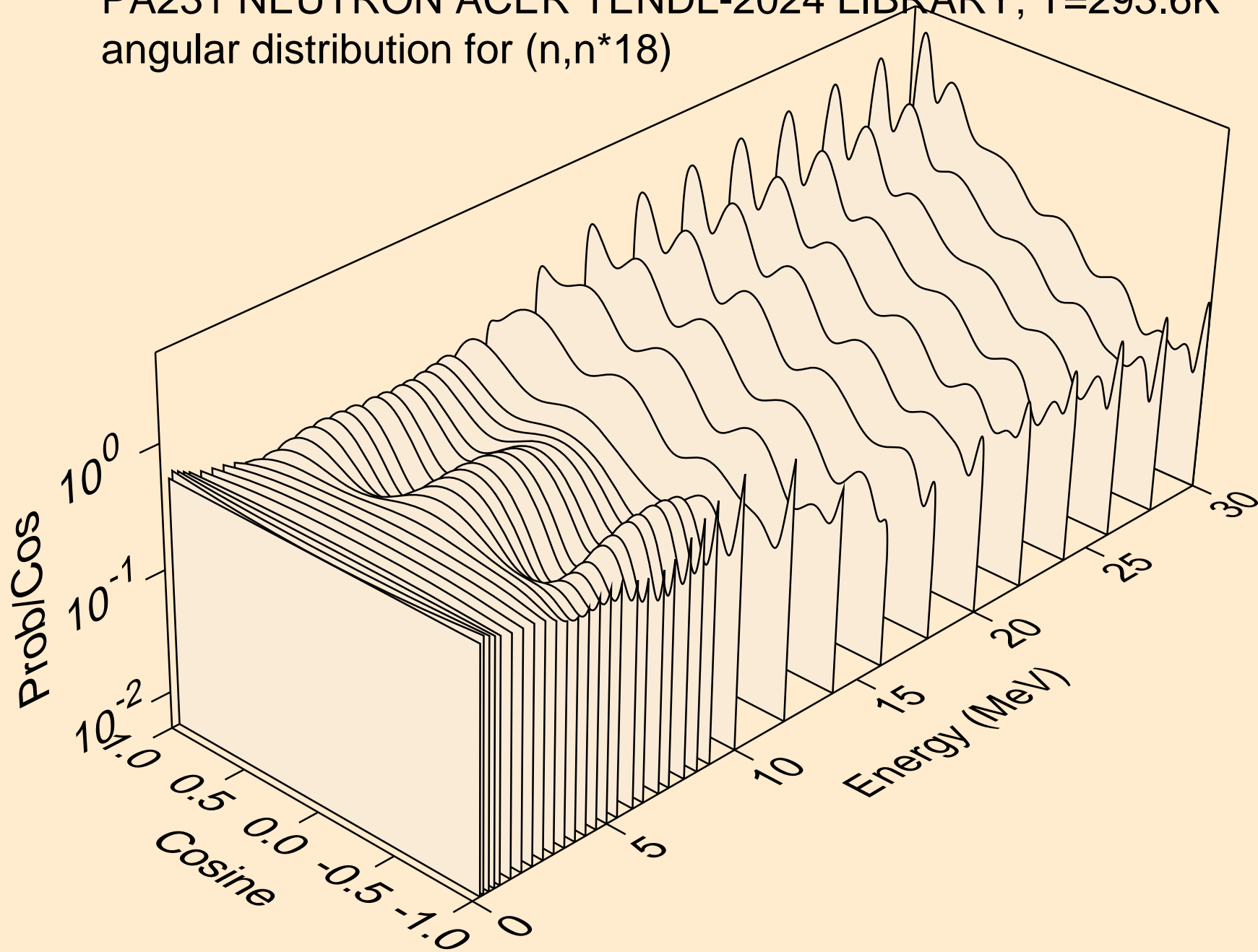
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angular distribution for (n,n\*16)



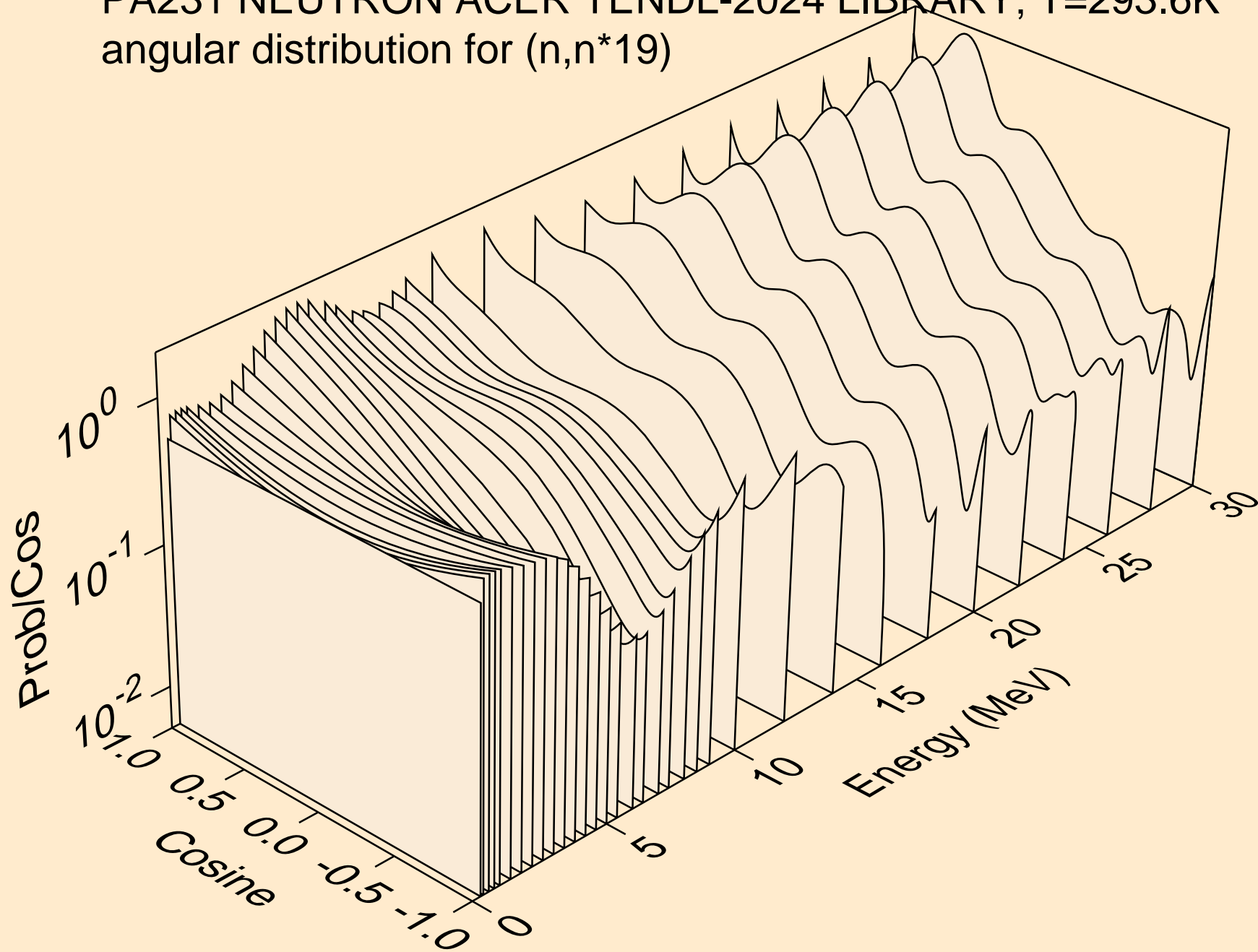
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angular distribution for (n,n\*17)



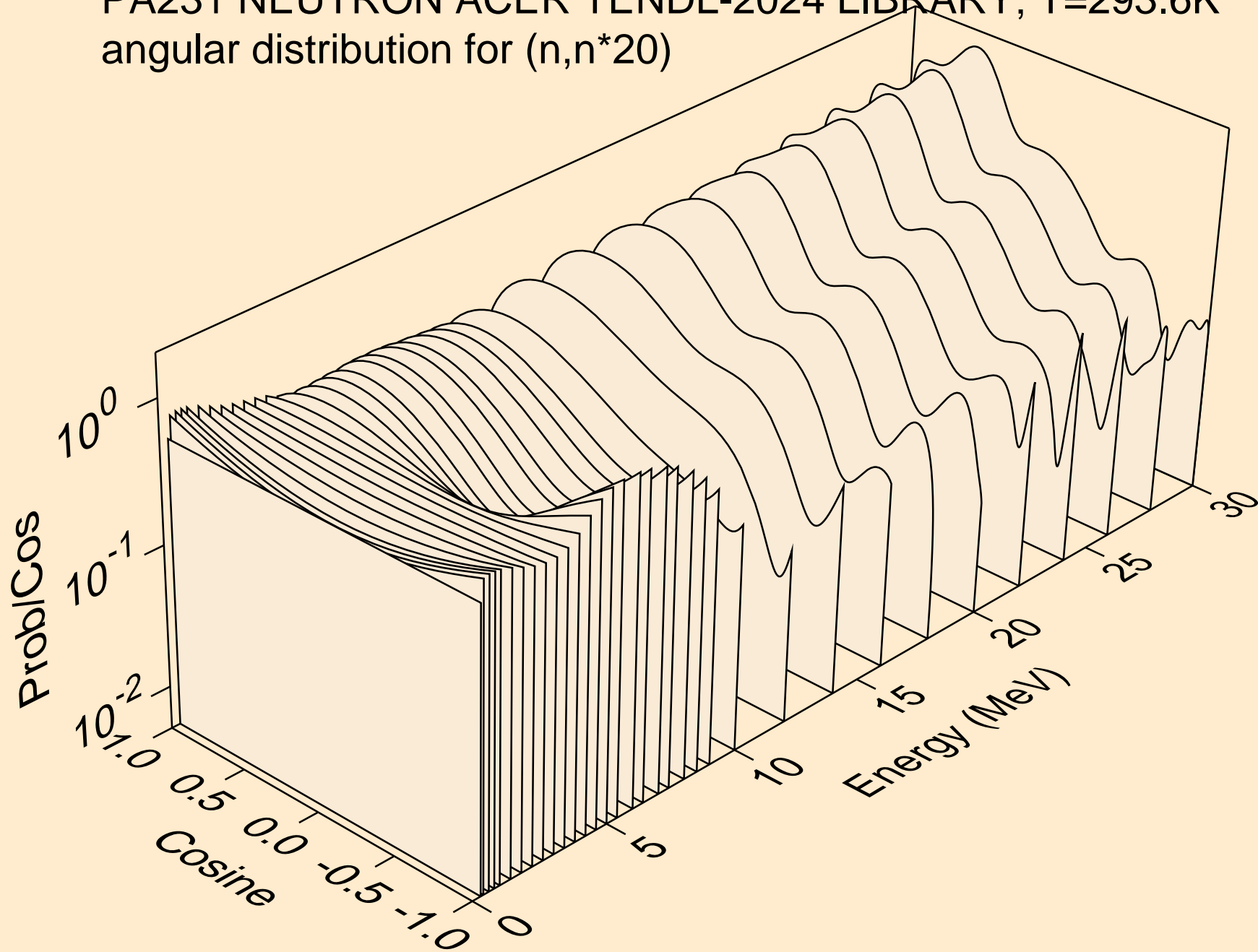
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angular distribution for (n,n\*18)



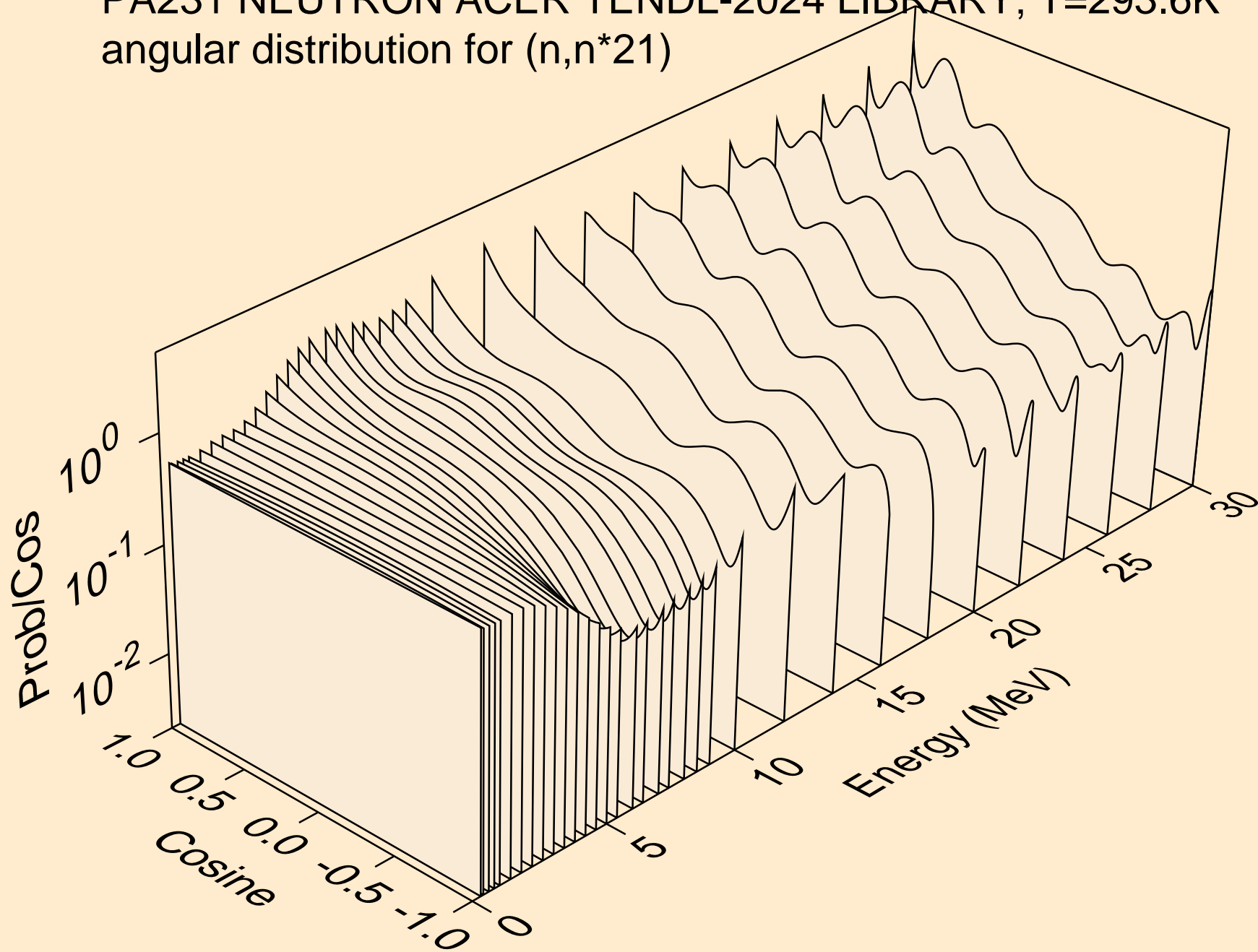
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angular distribution for (n,n\*19)



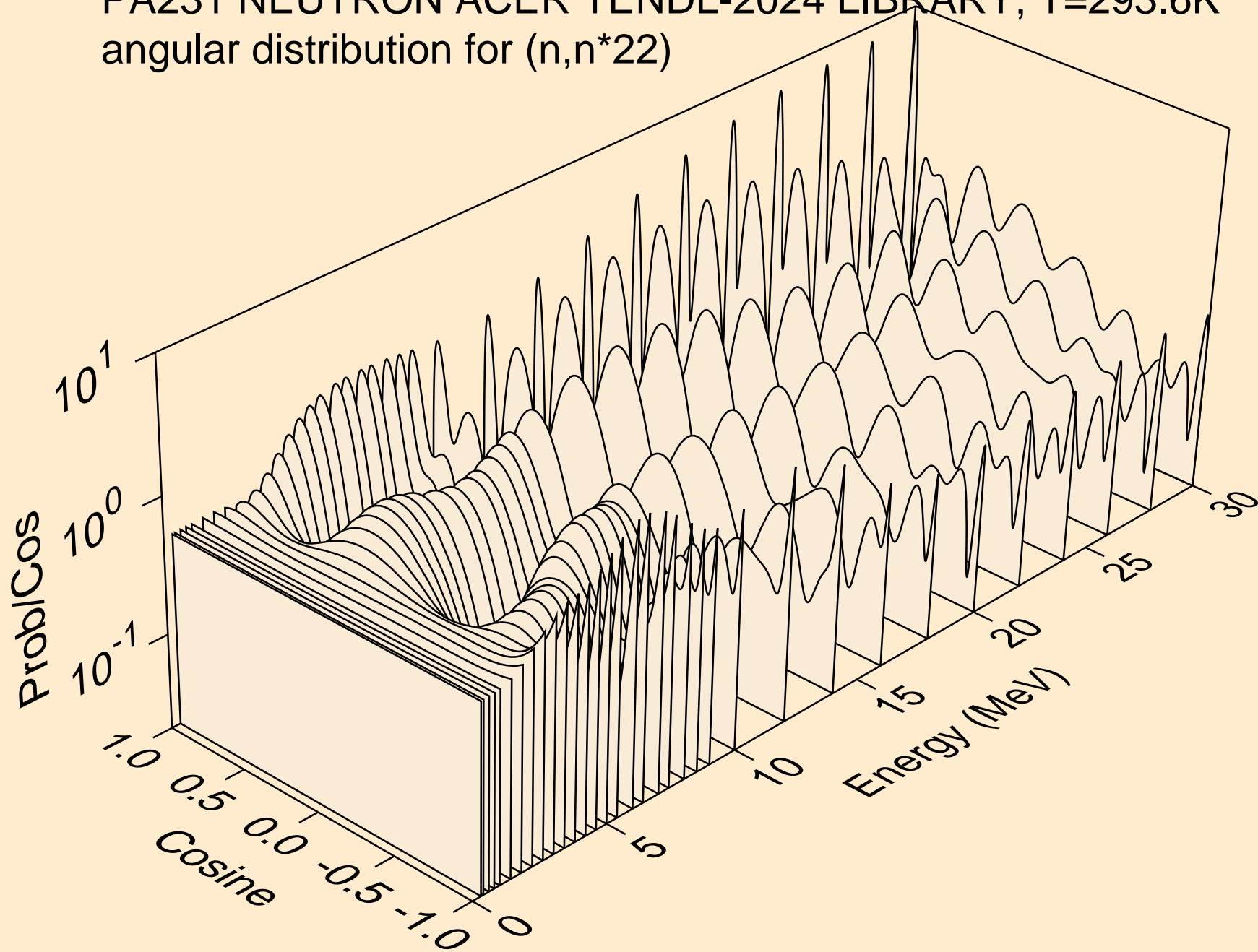
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angular distribution for (n,n\*20)



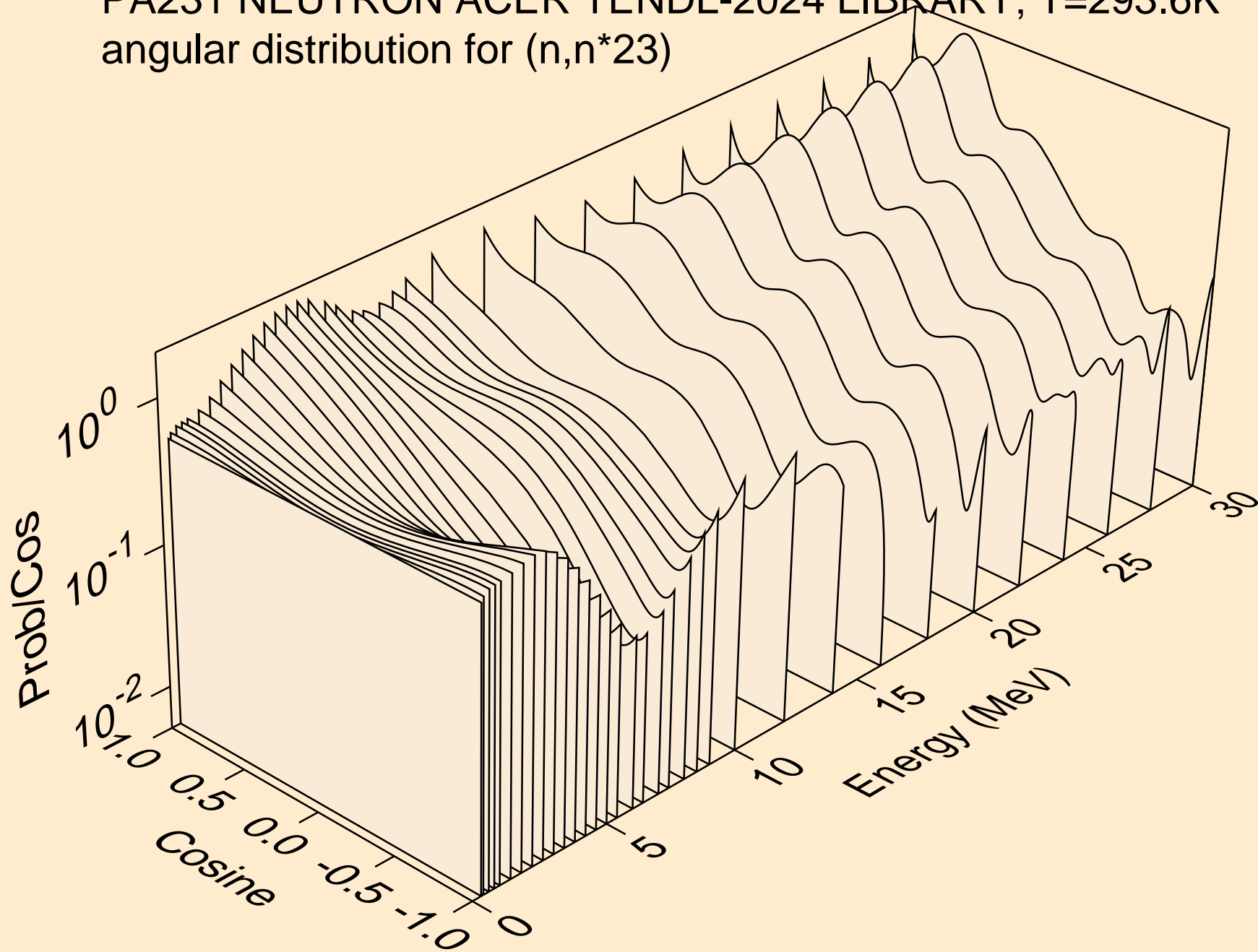
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angular distribution for (n,n\*21)



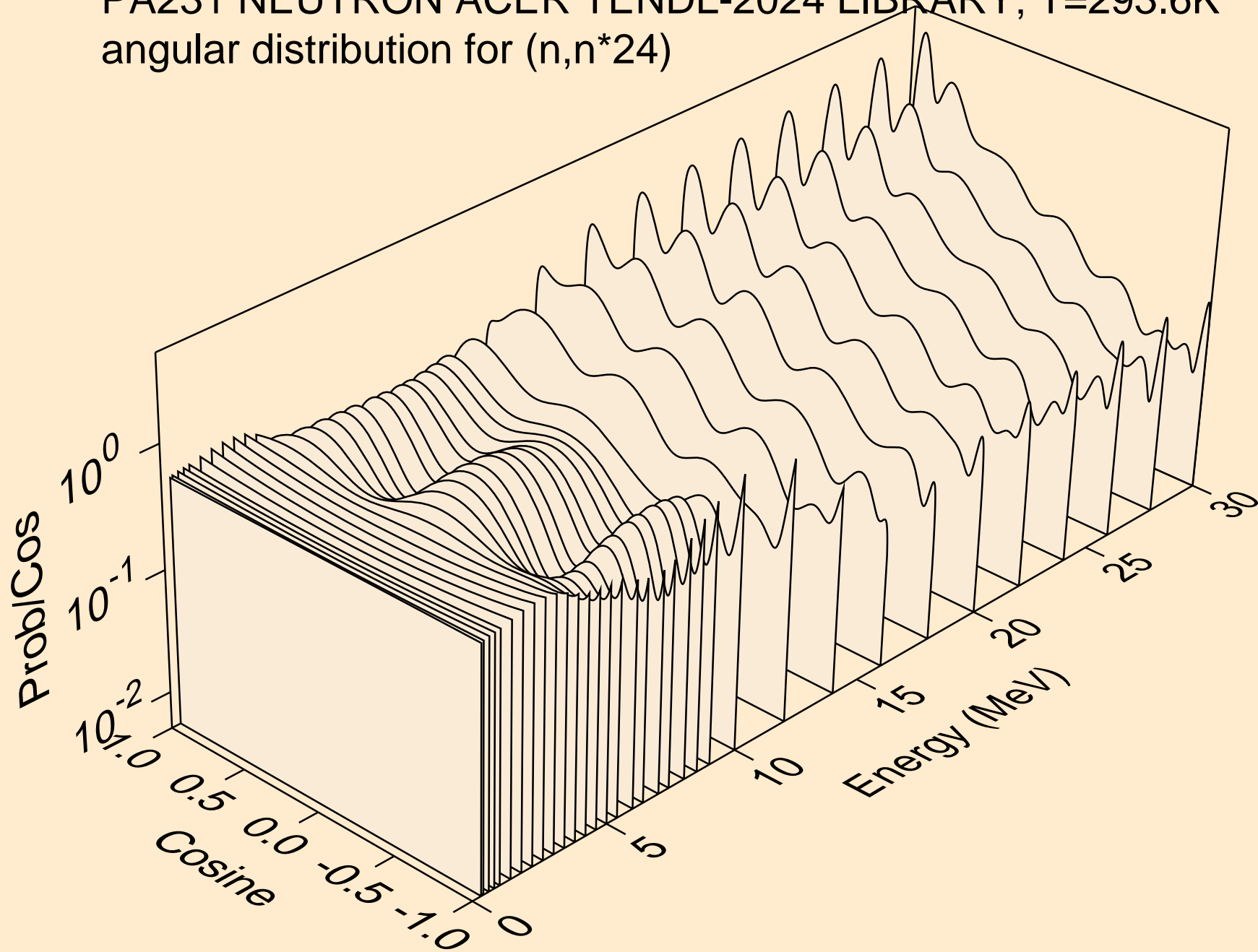
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angular distribution for (n,n\*22)



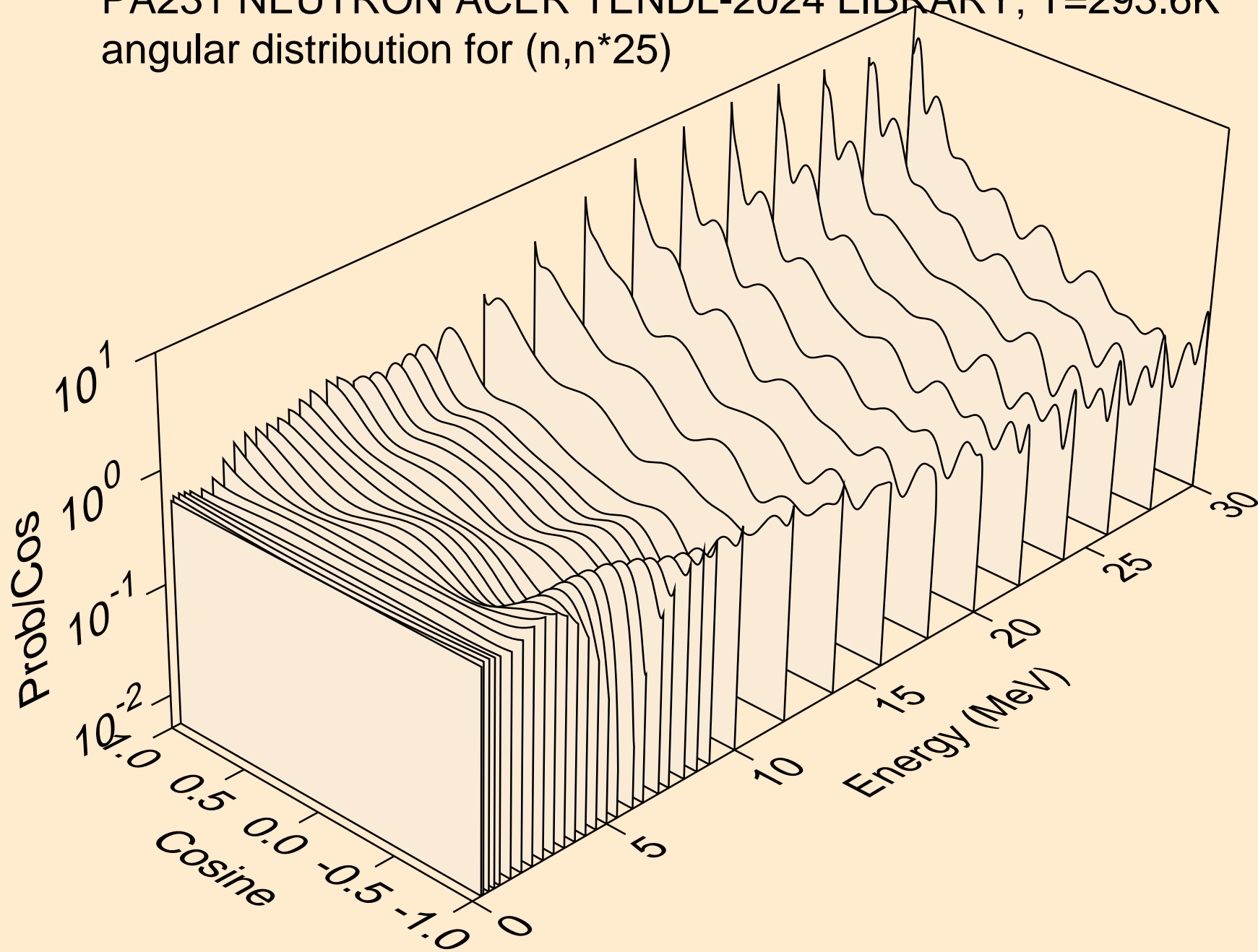
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angular distribution for (n,n\*23)



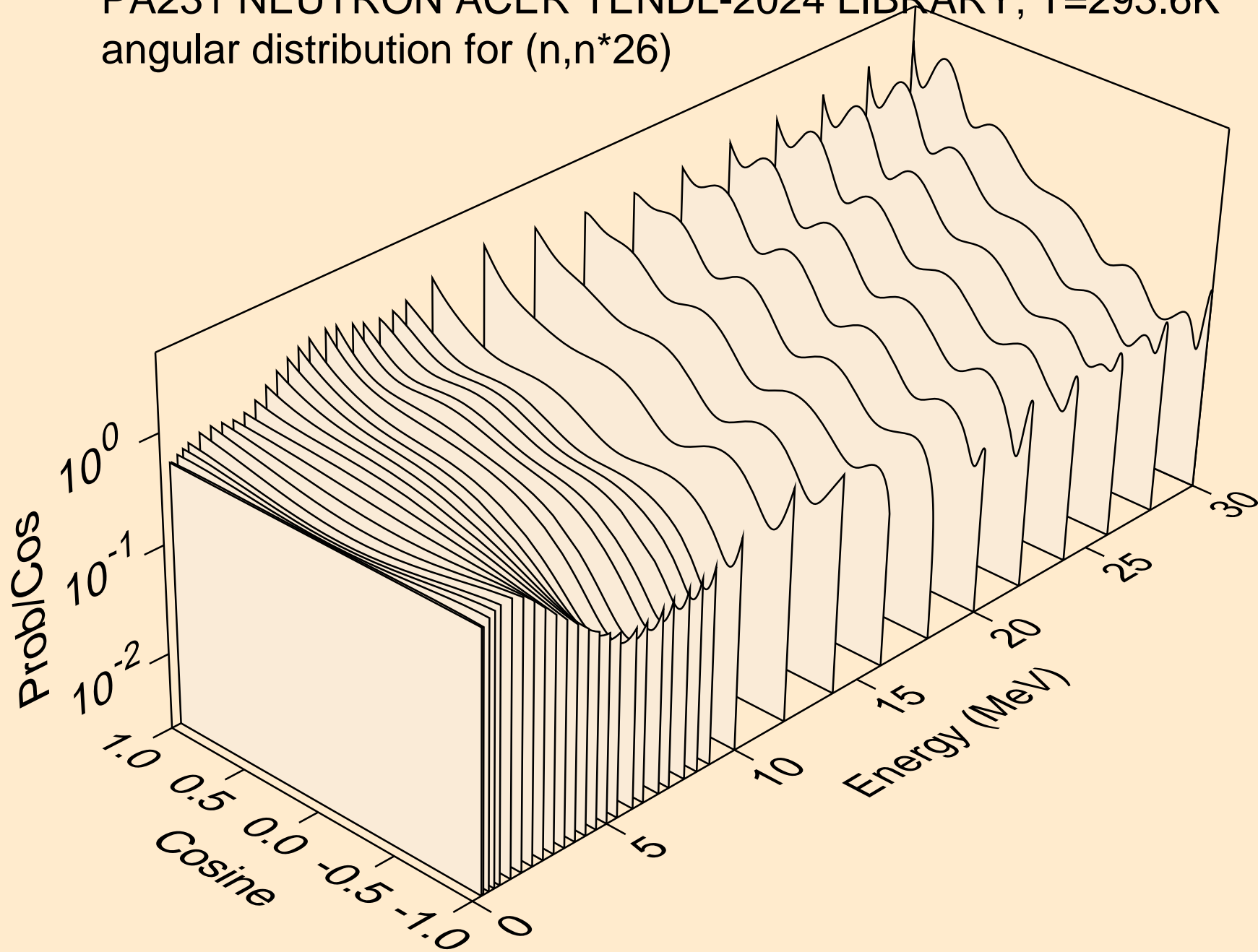
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angular distribution for (n,n\*24)



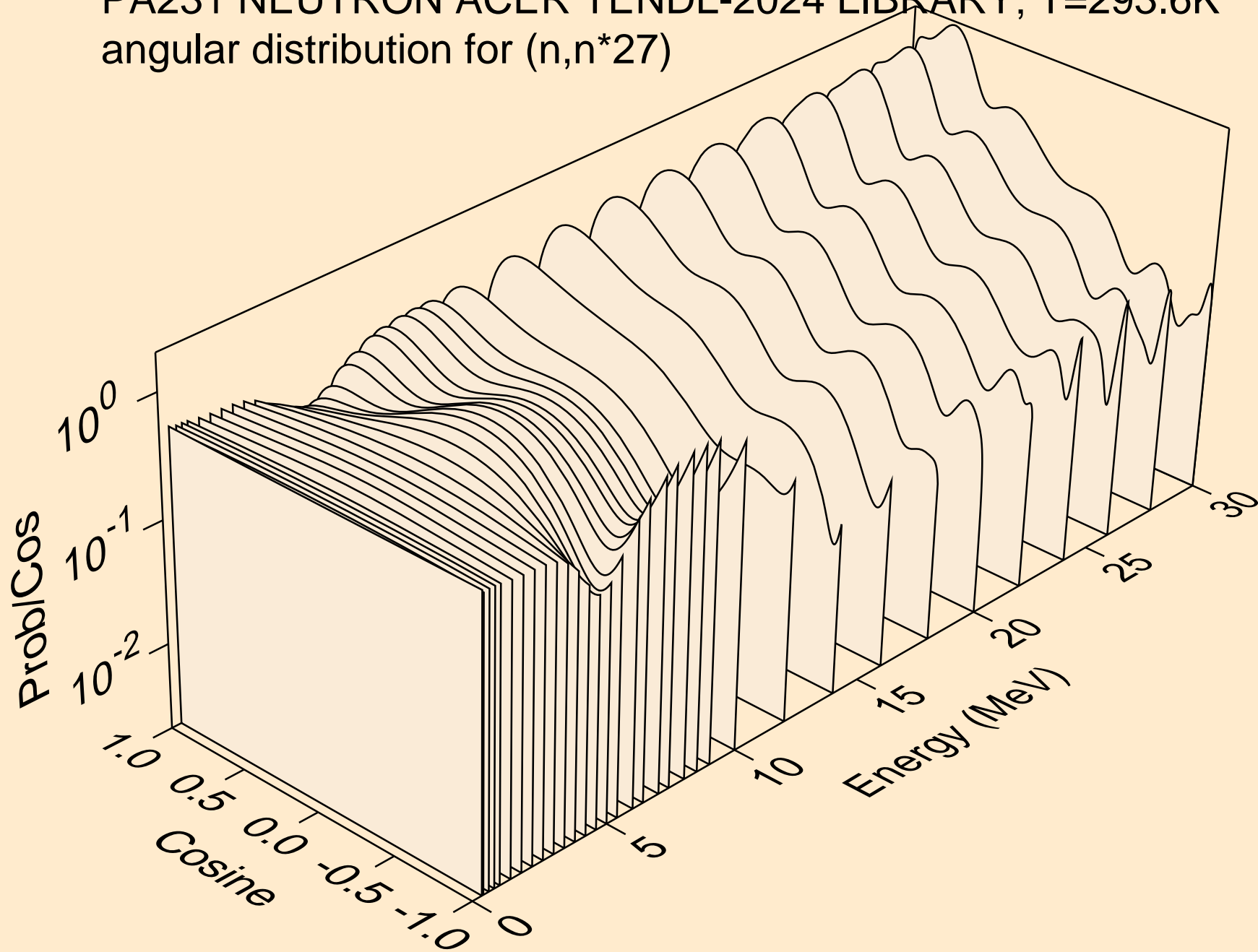
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angular distribution for (n,n\*25)



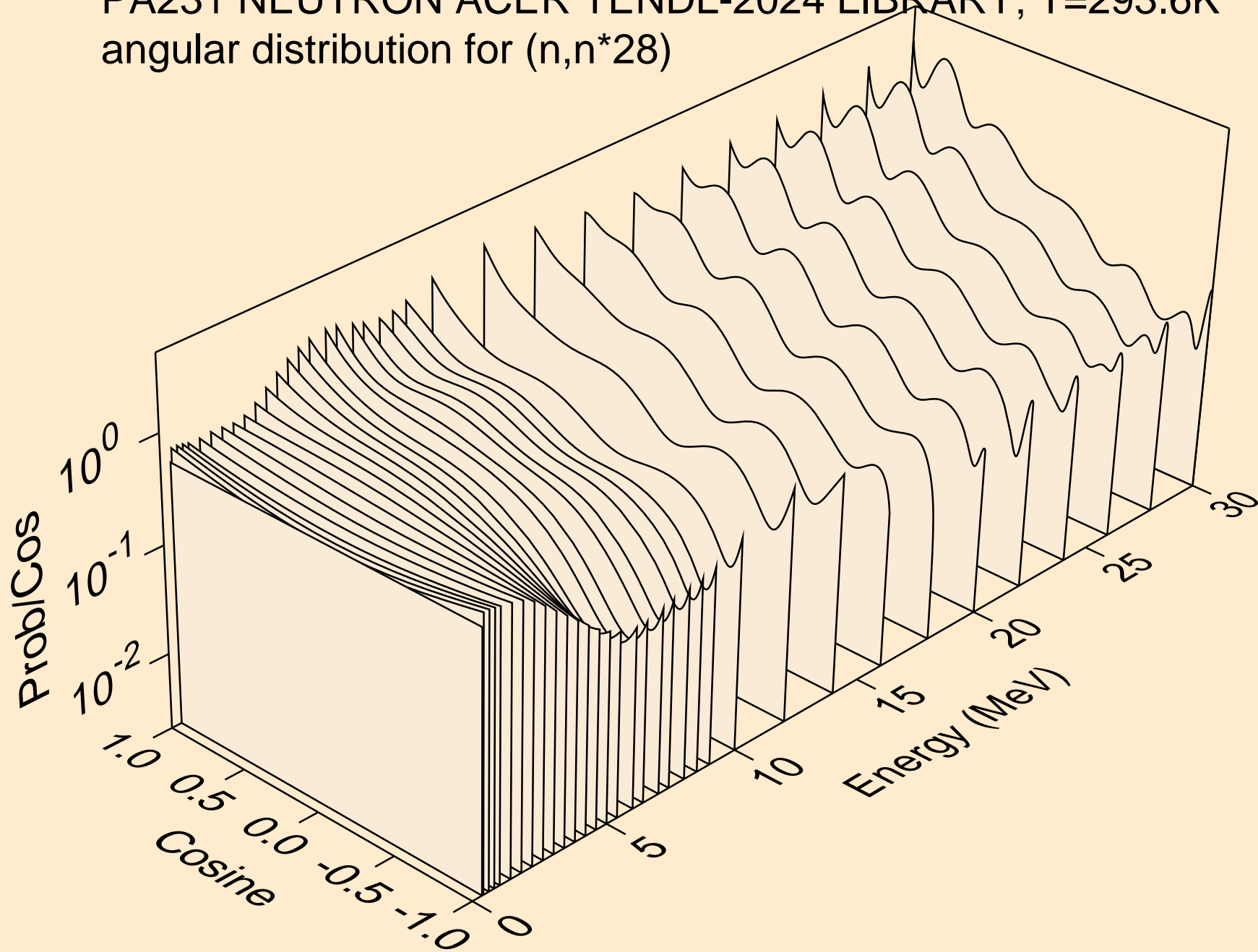
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angular distribution for (n,n\*26)



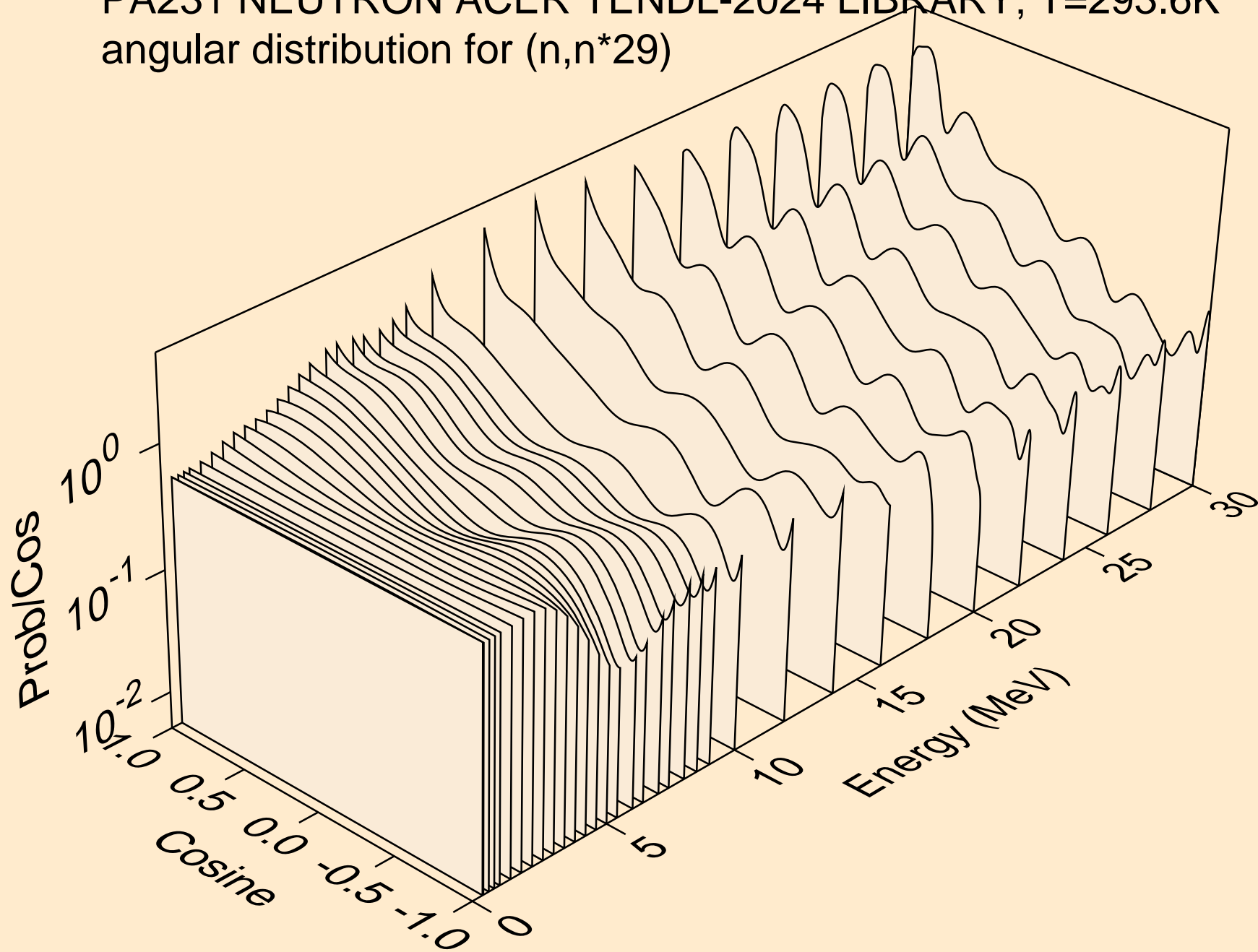
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angular distribution for (n,n\*27)



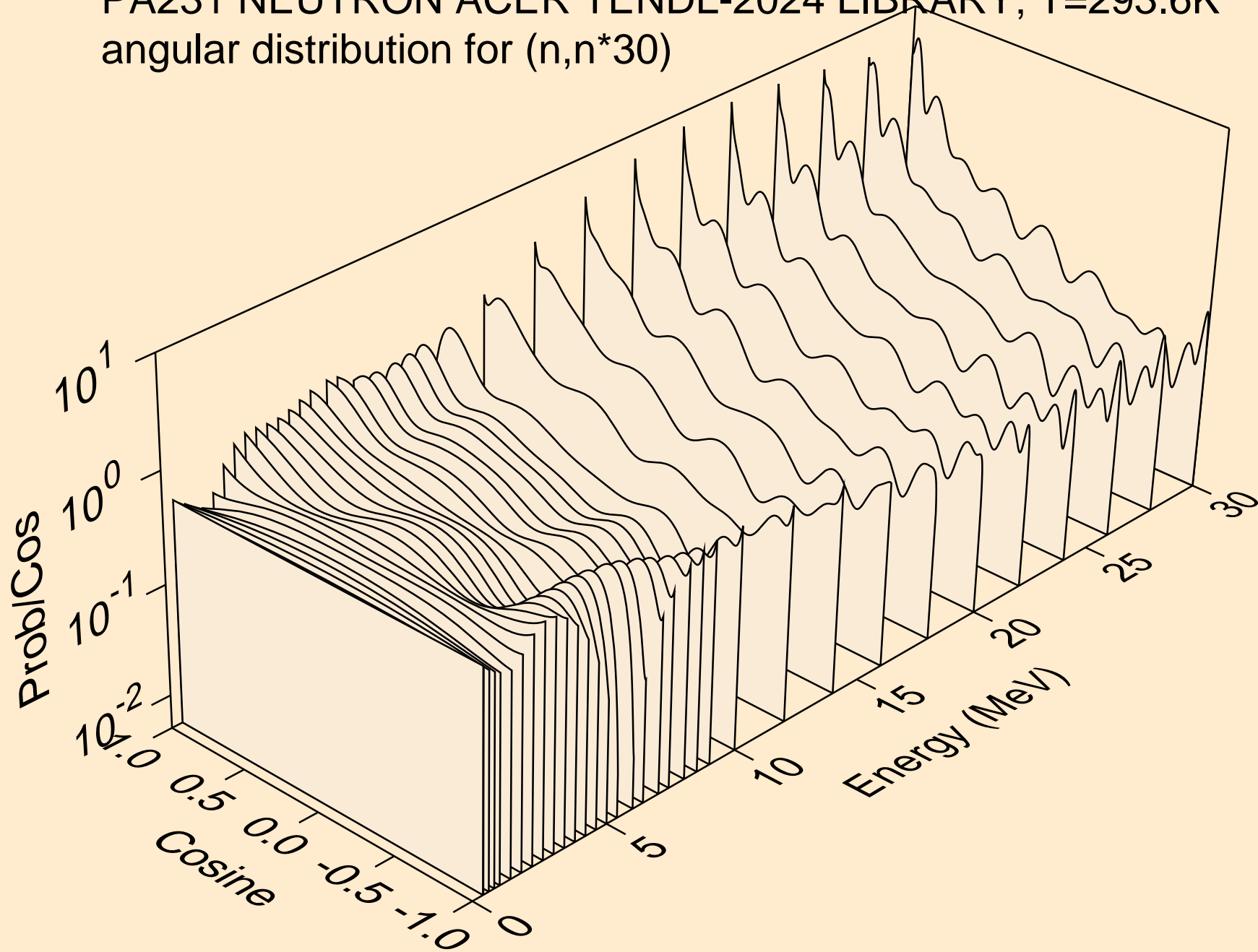
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angular distribution for (n,n\*28)



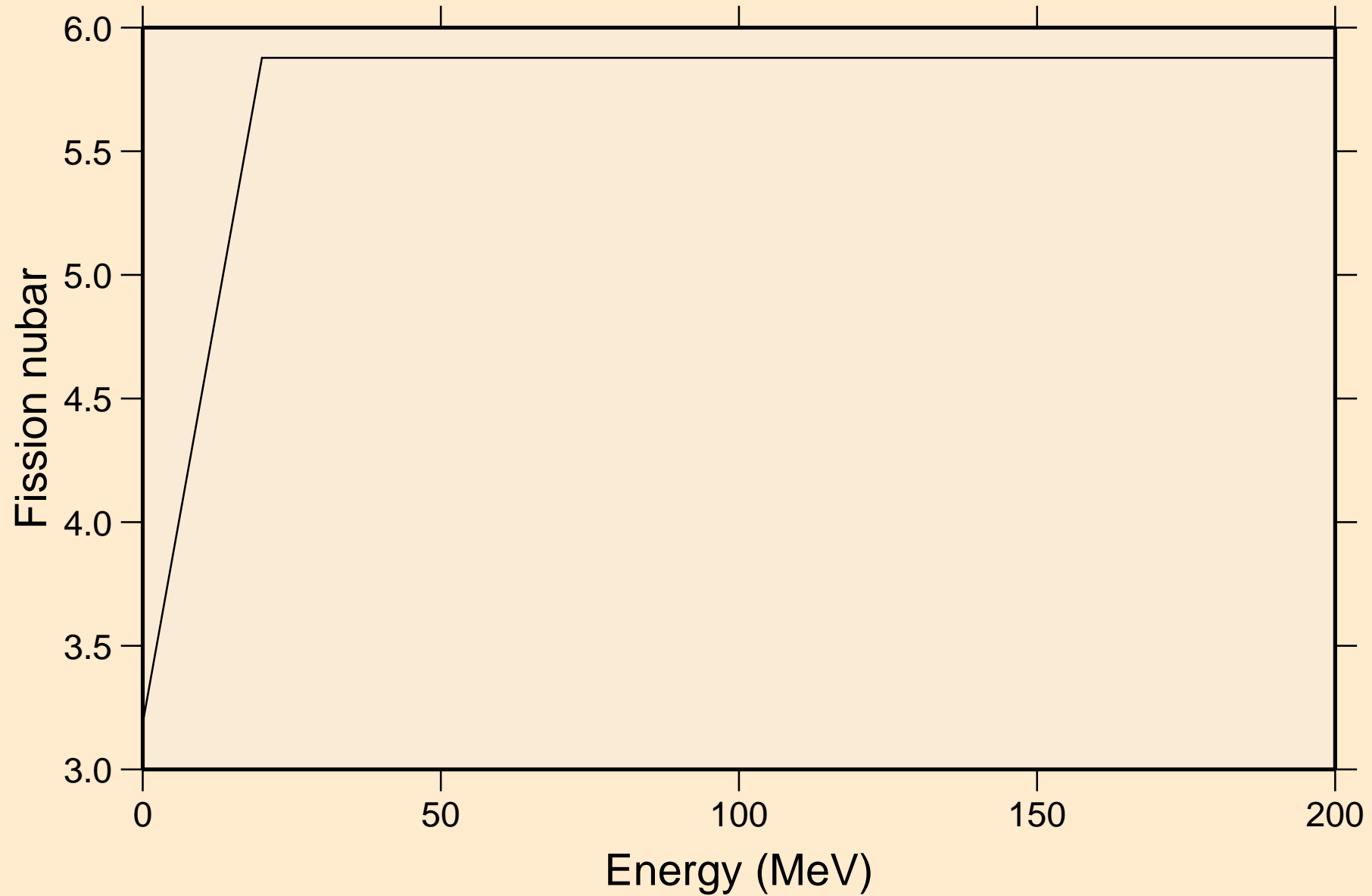
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angular distribution for (n,n\*29)



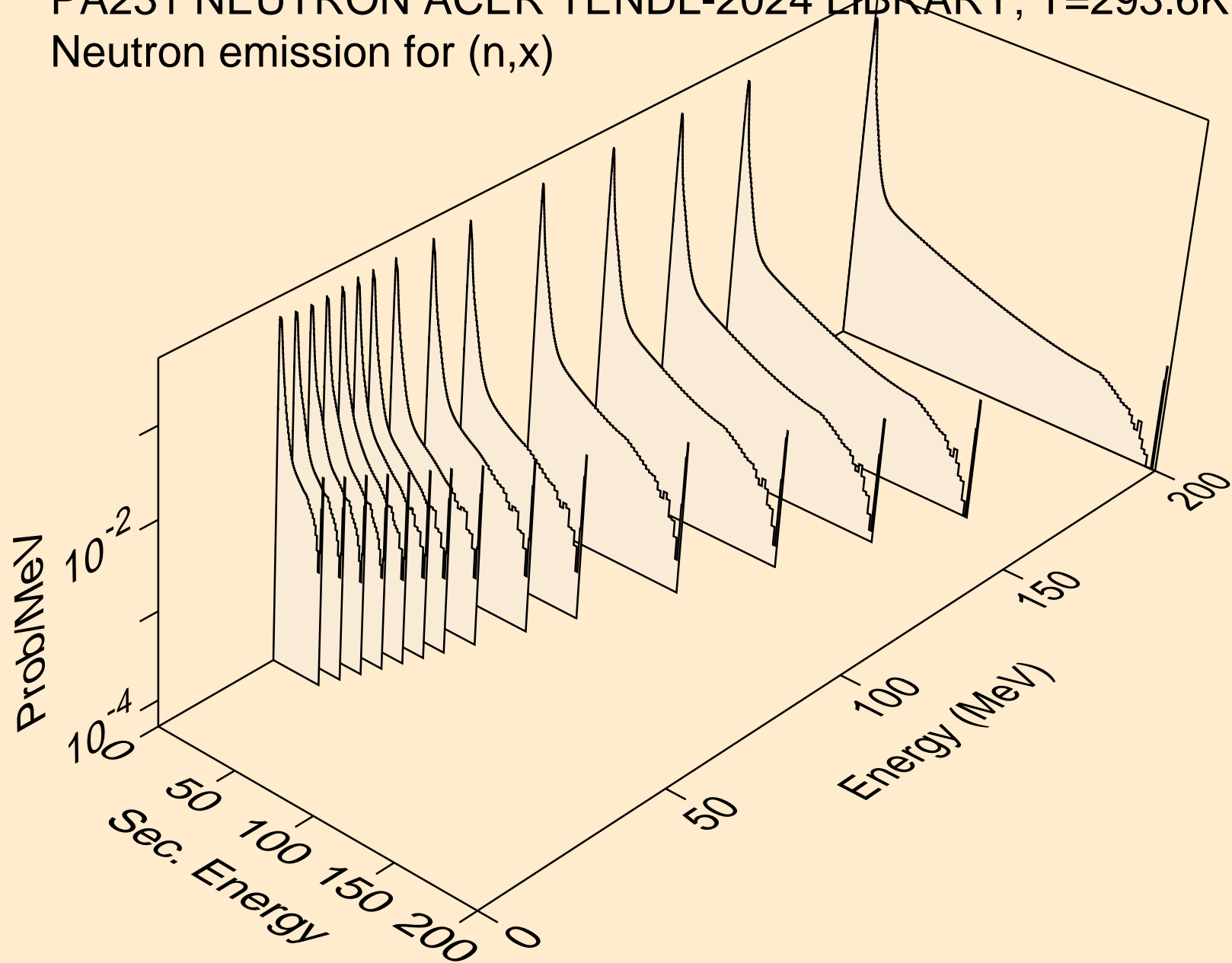
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angular distribution for (n,n\*30)



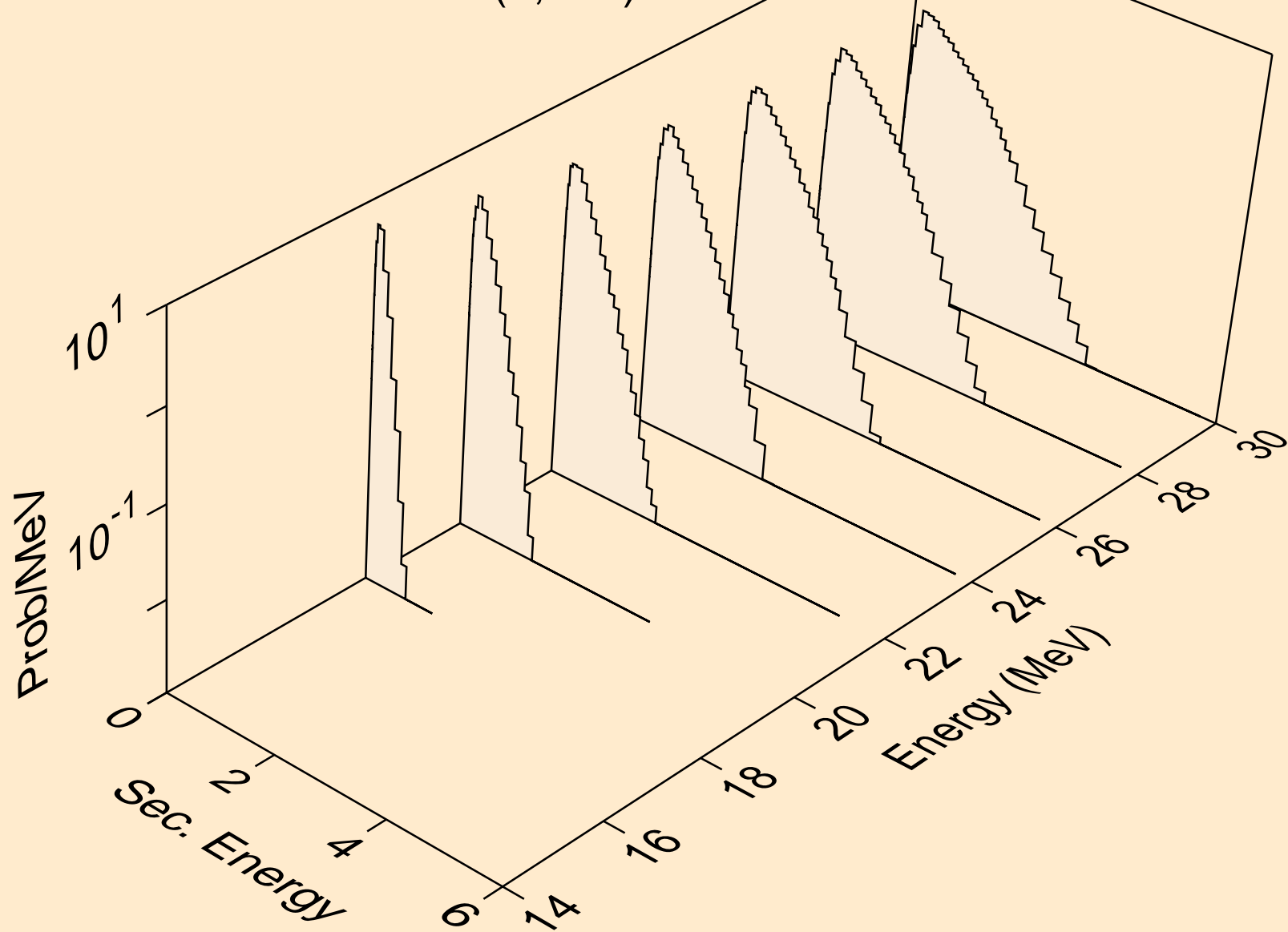
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Total fission nubar



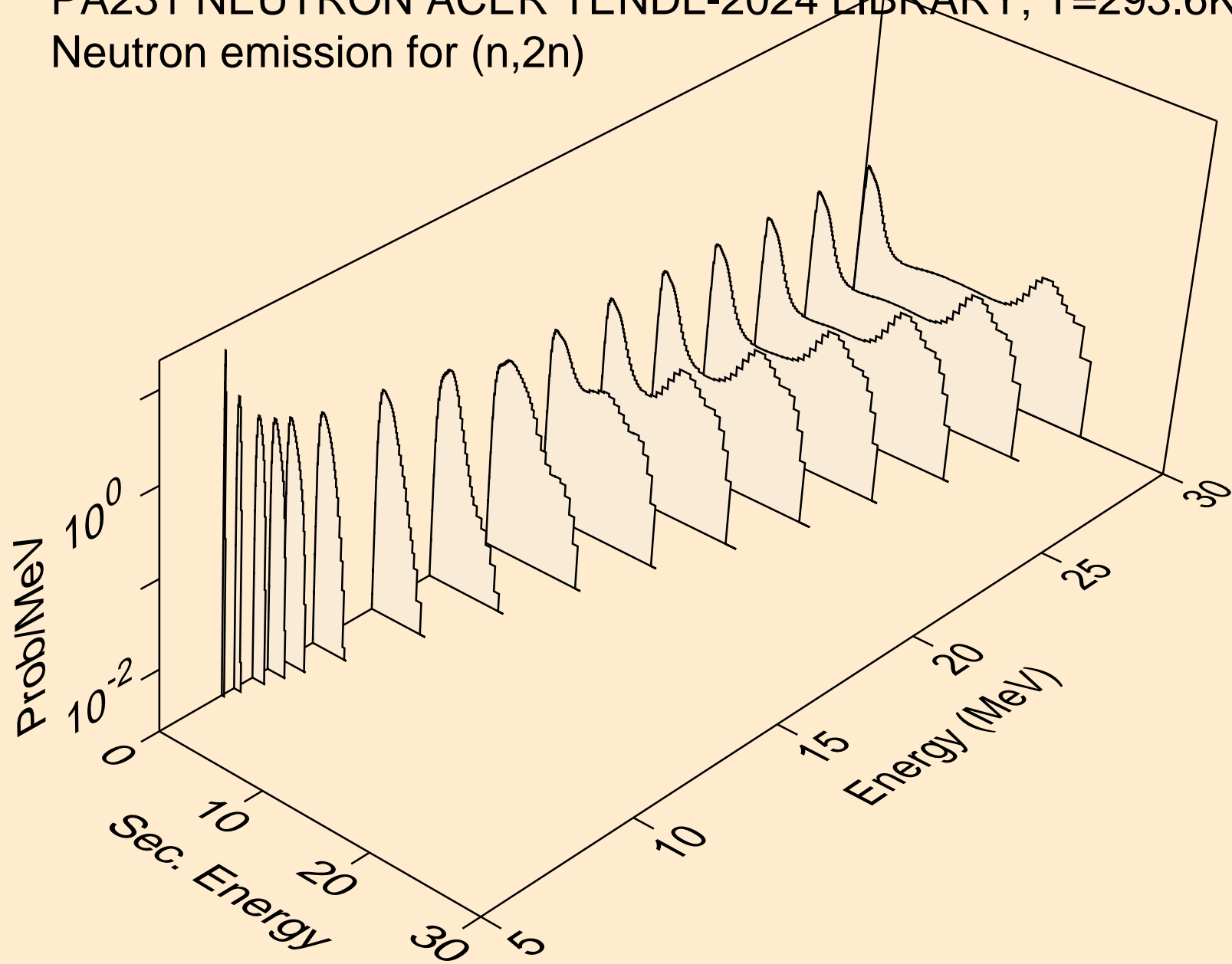
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,x)



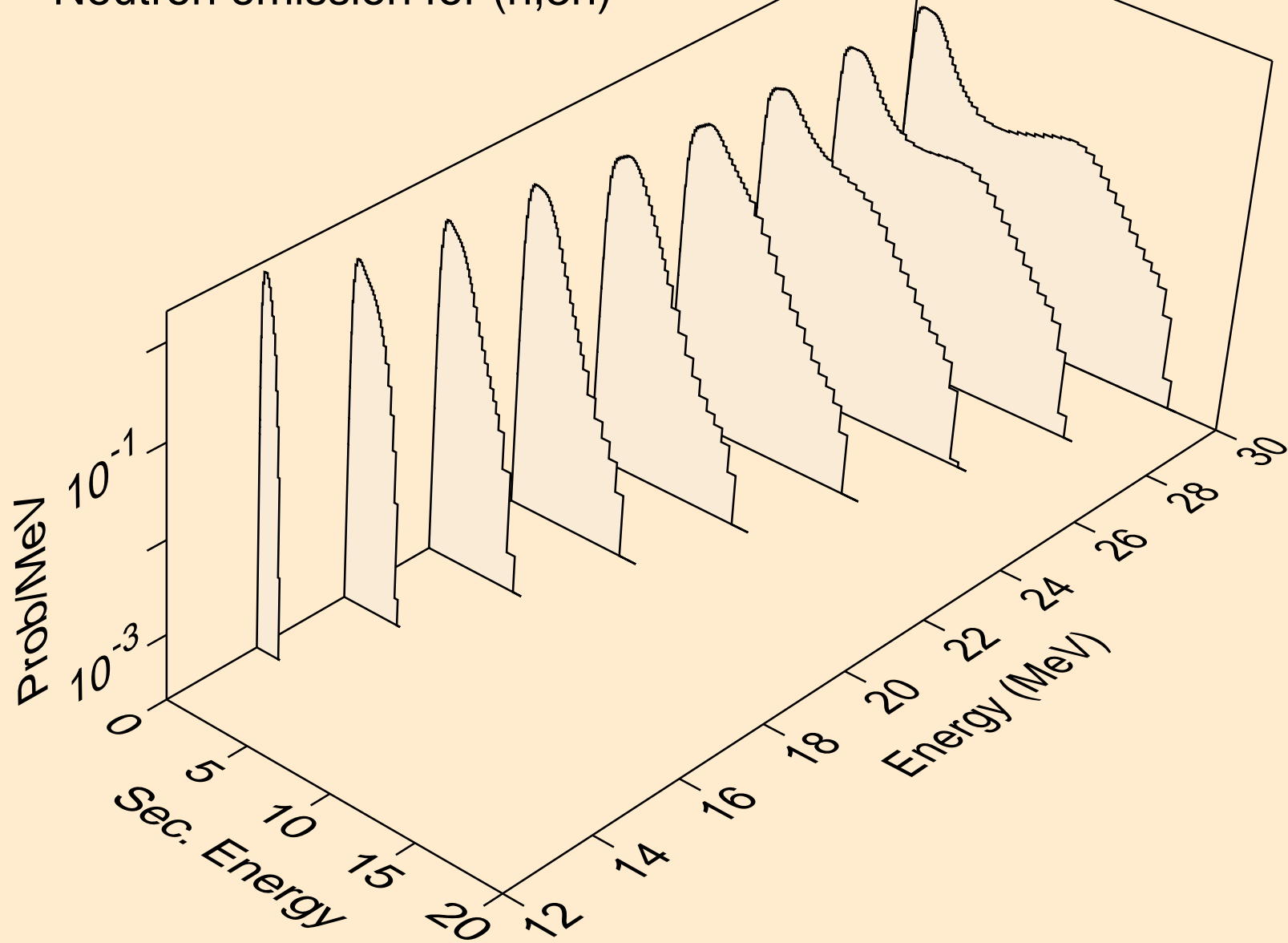
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2nd)



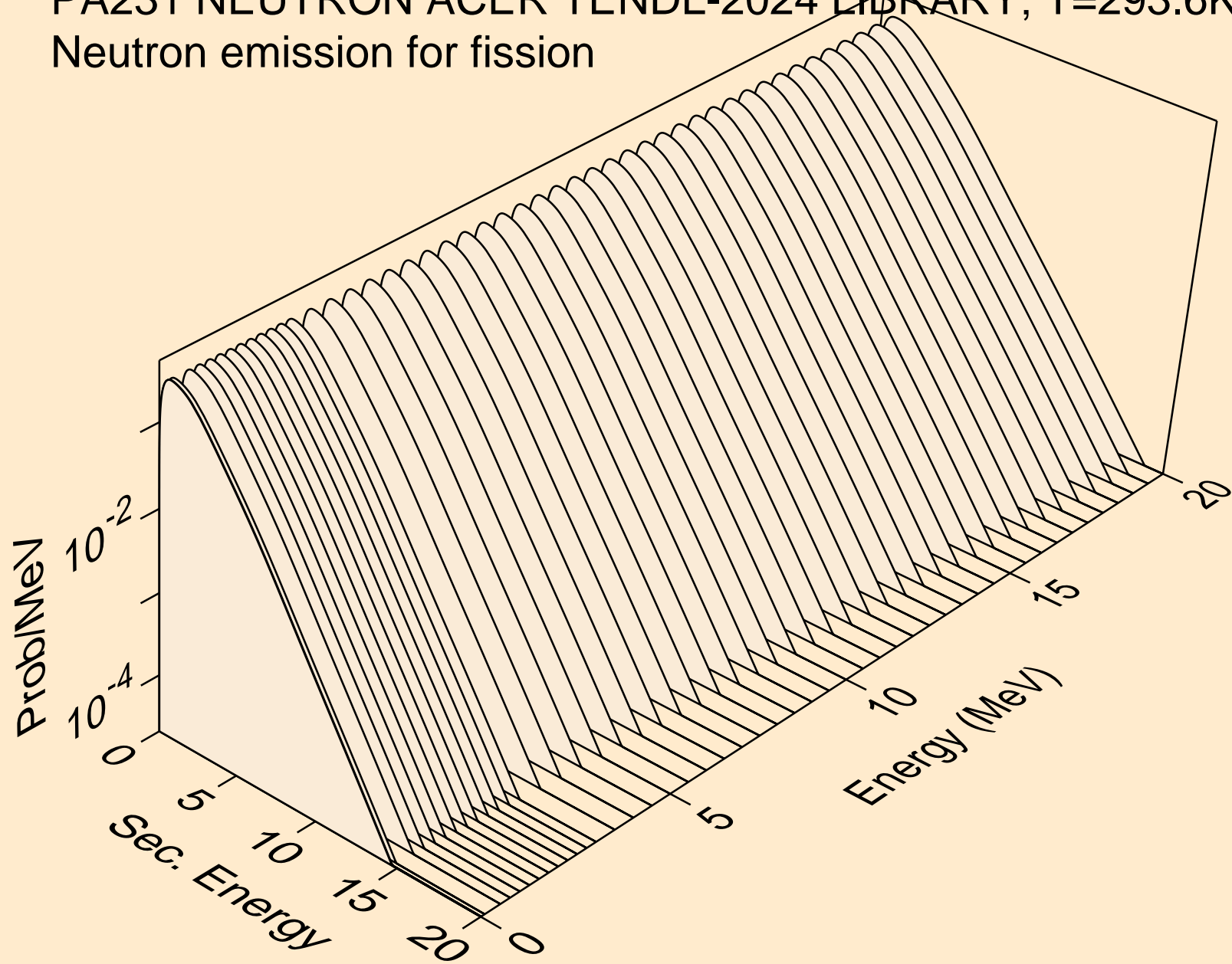
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)



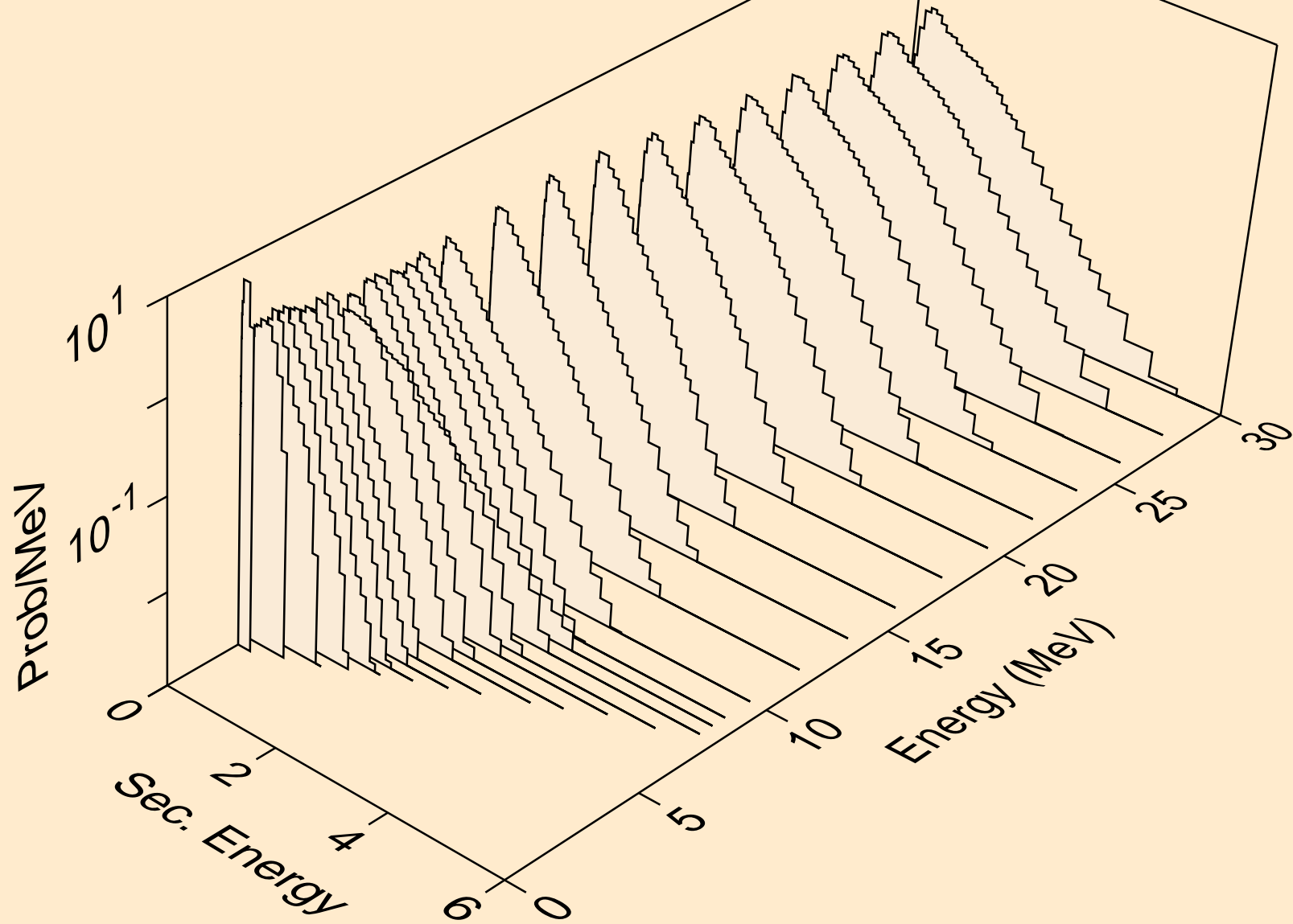
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)



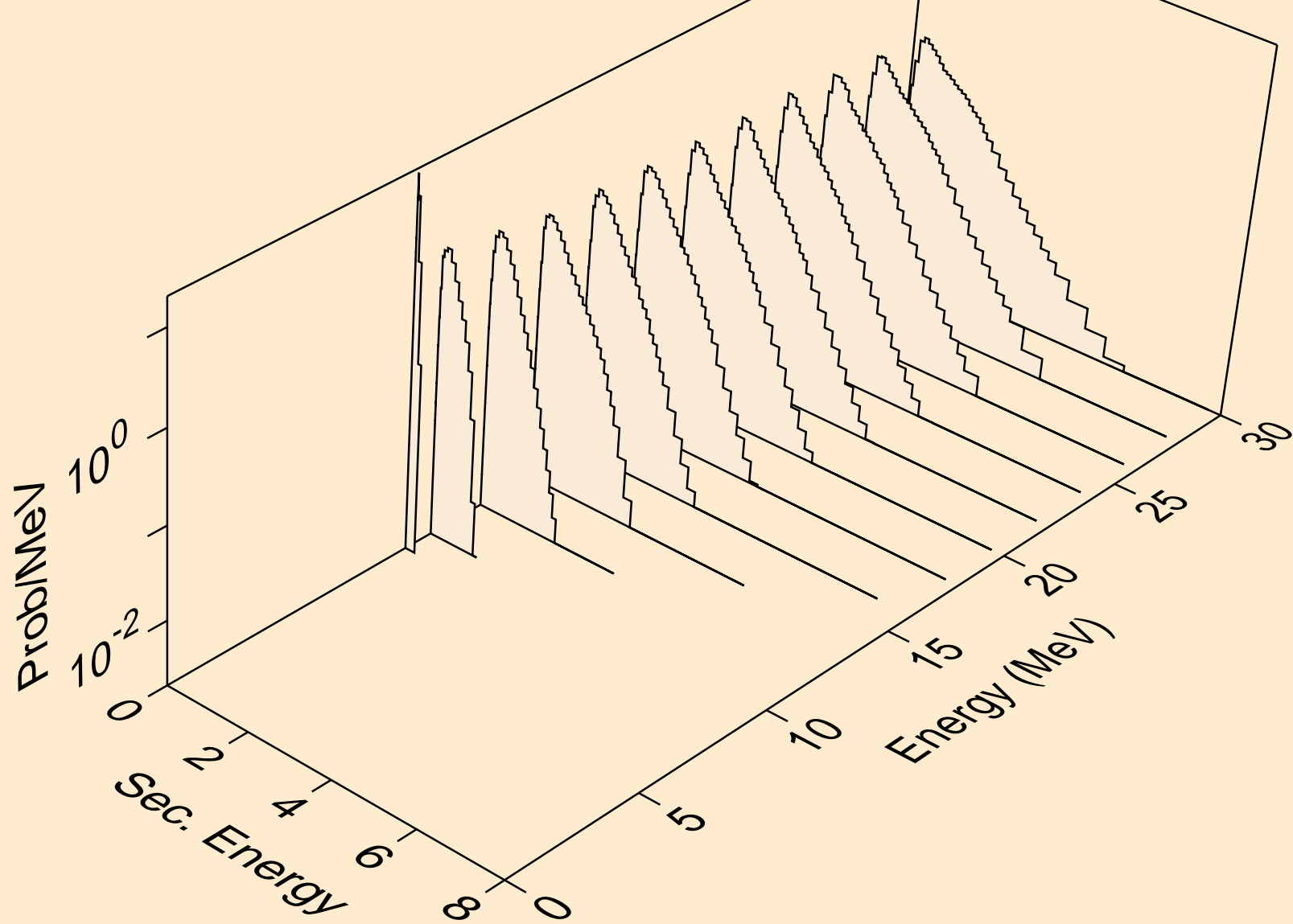
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for fission



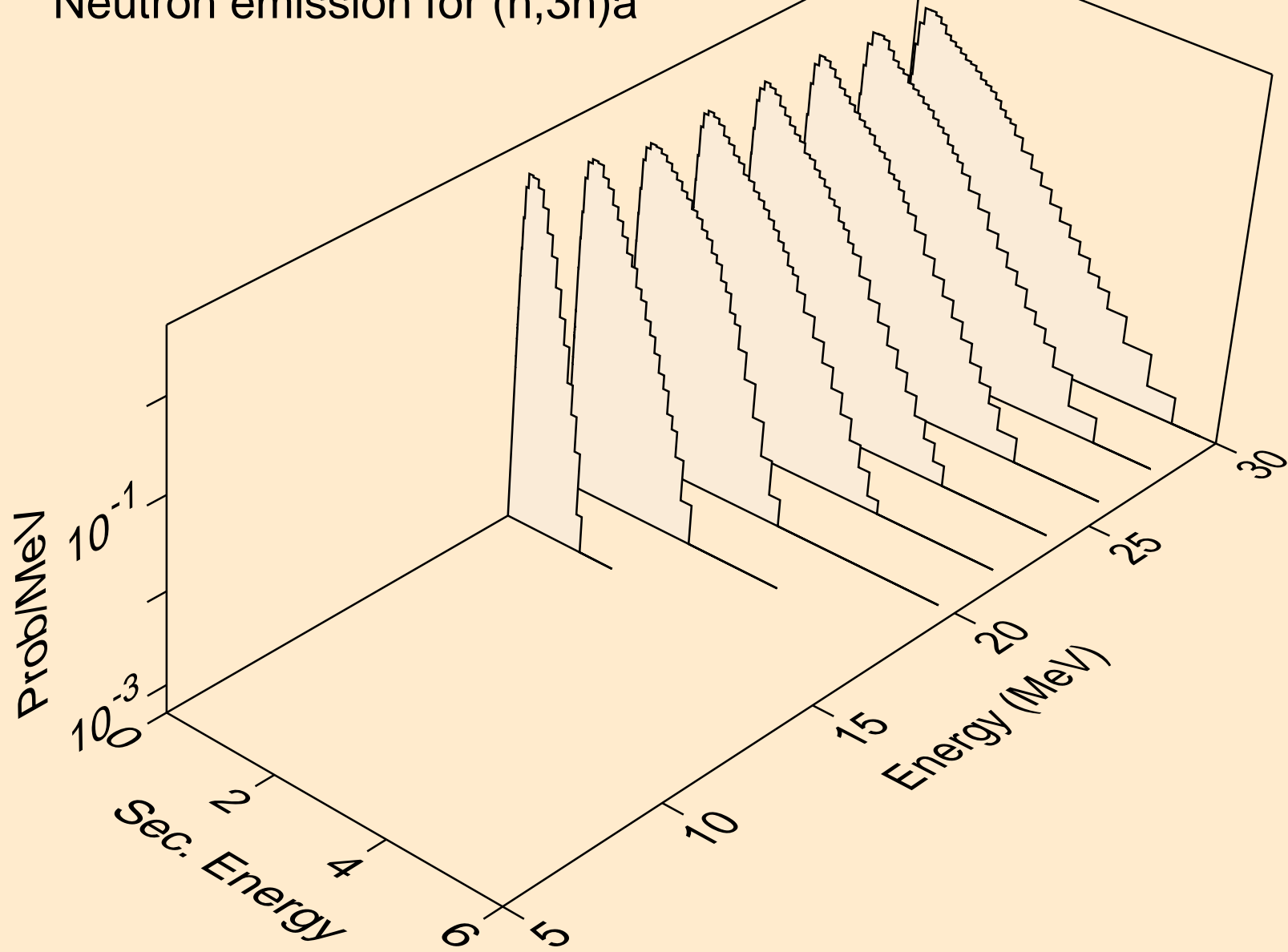
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)a



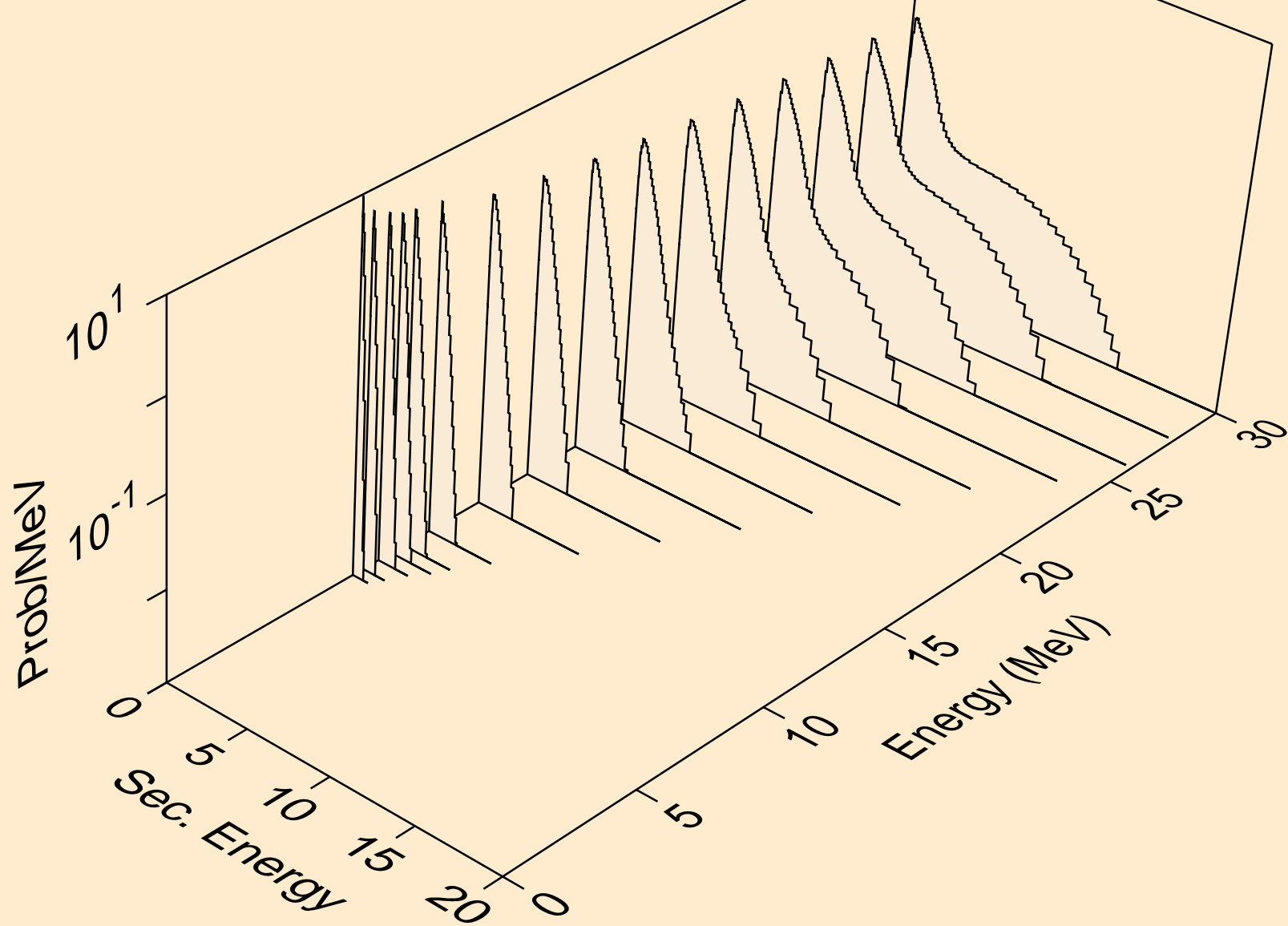
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2n)<sub>a</sub>



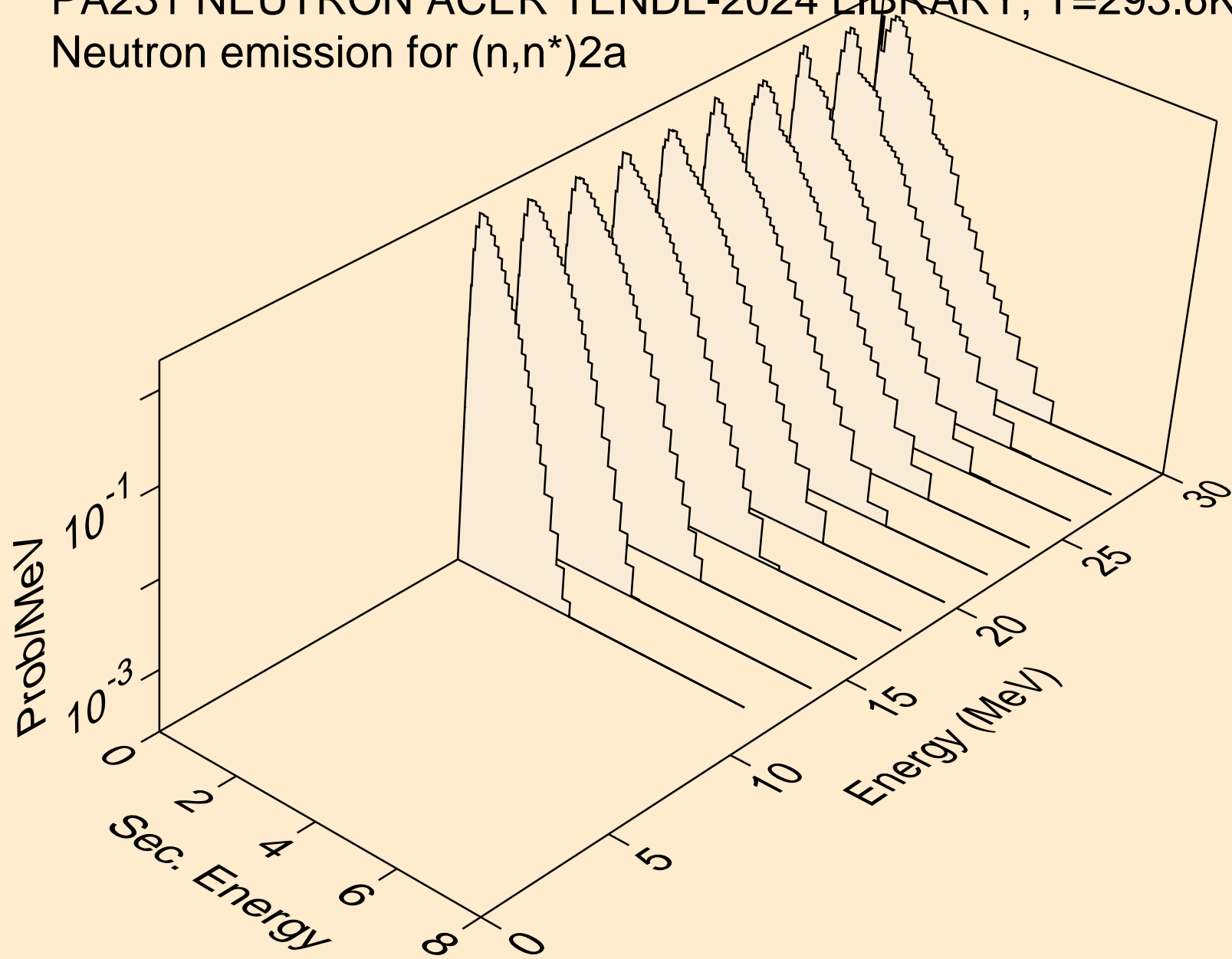
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3n)a



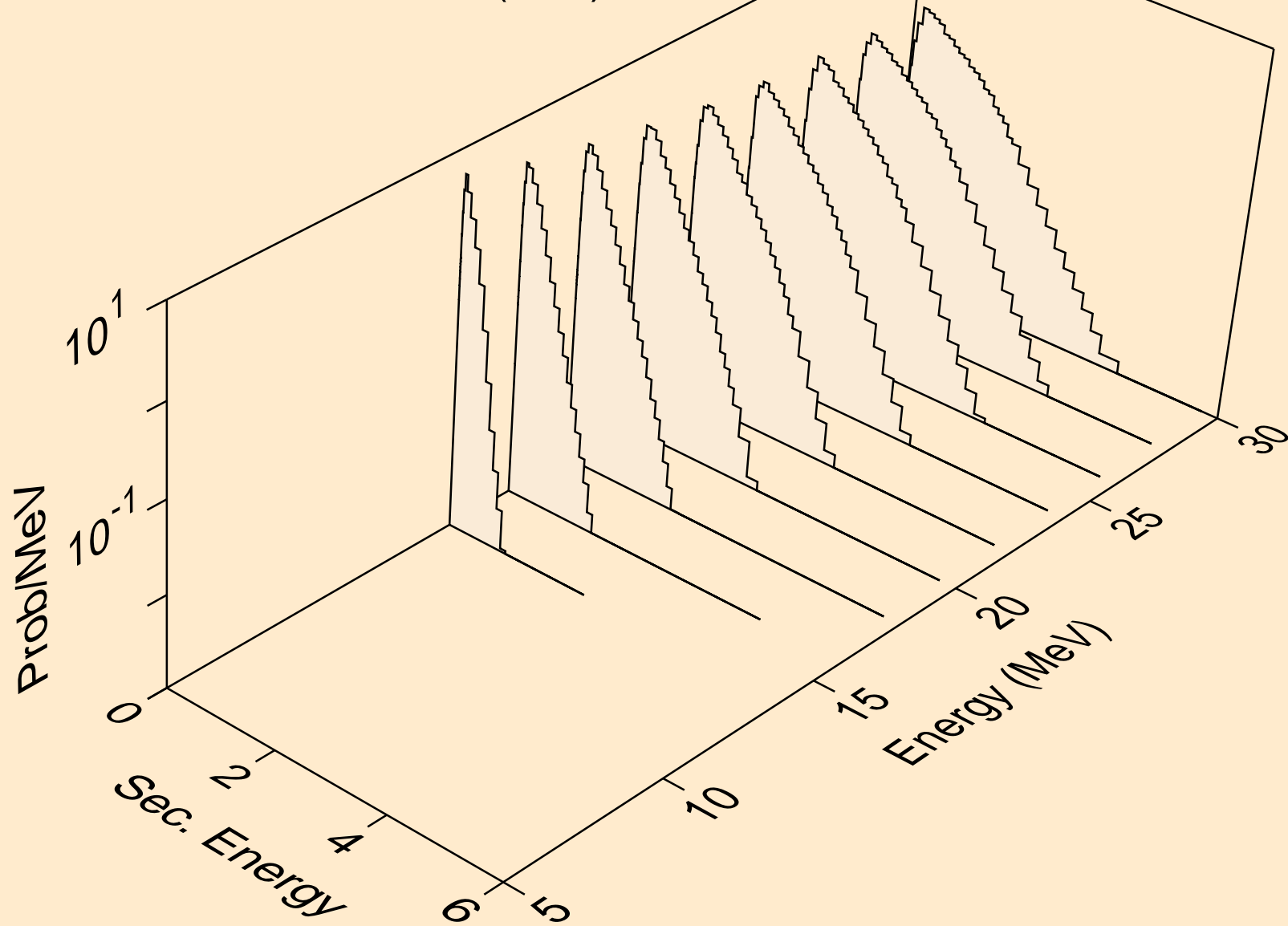
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)p



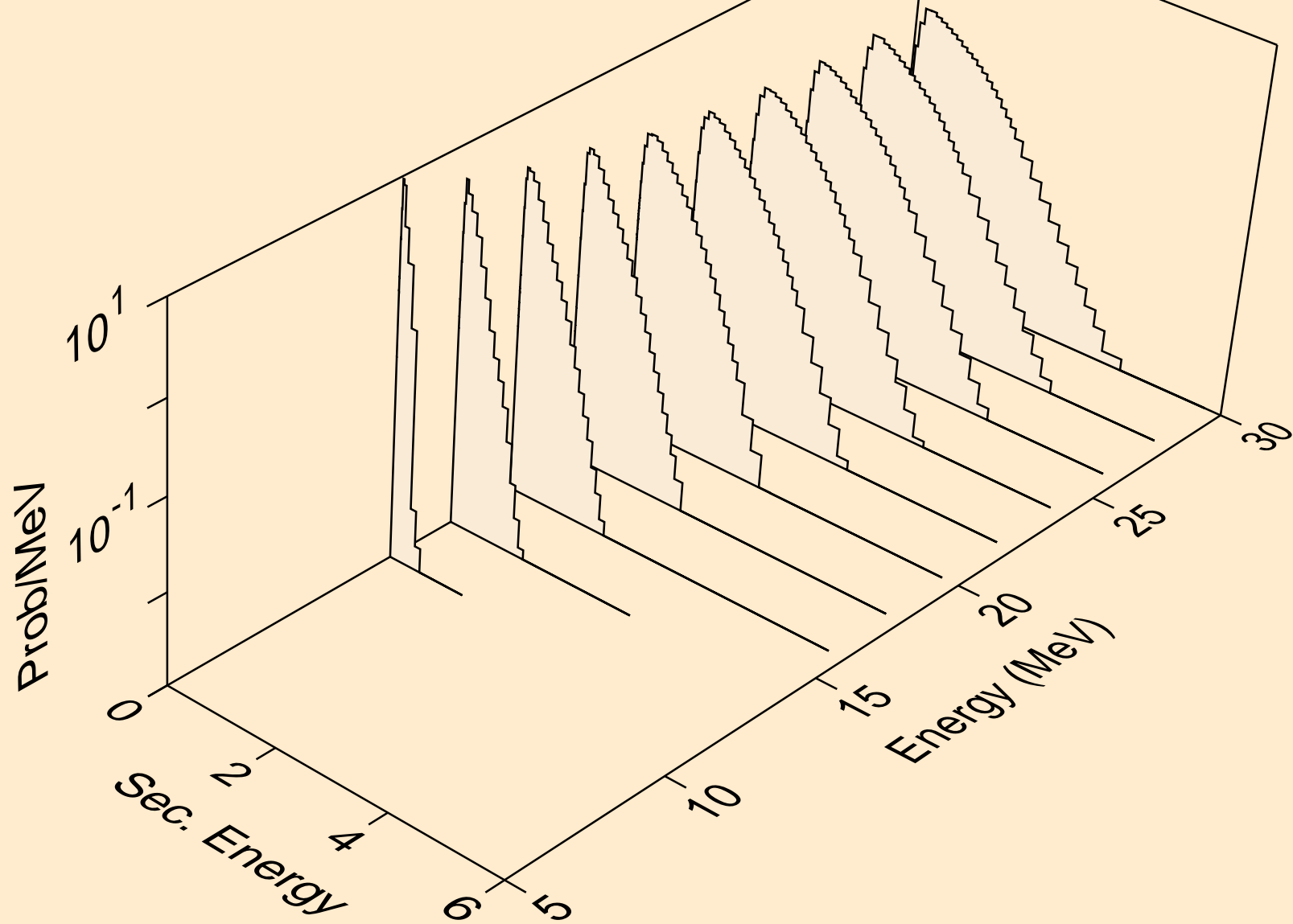
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)2a



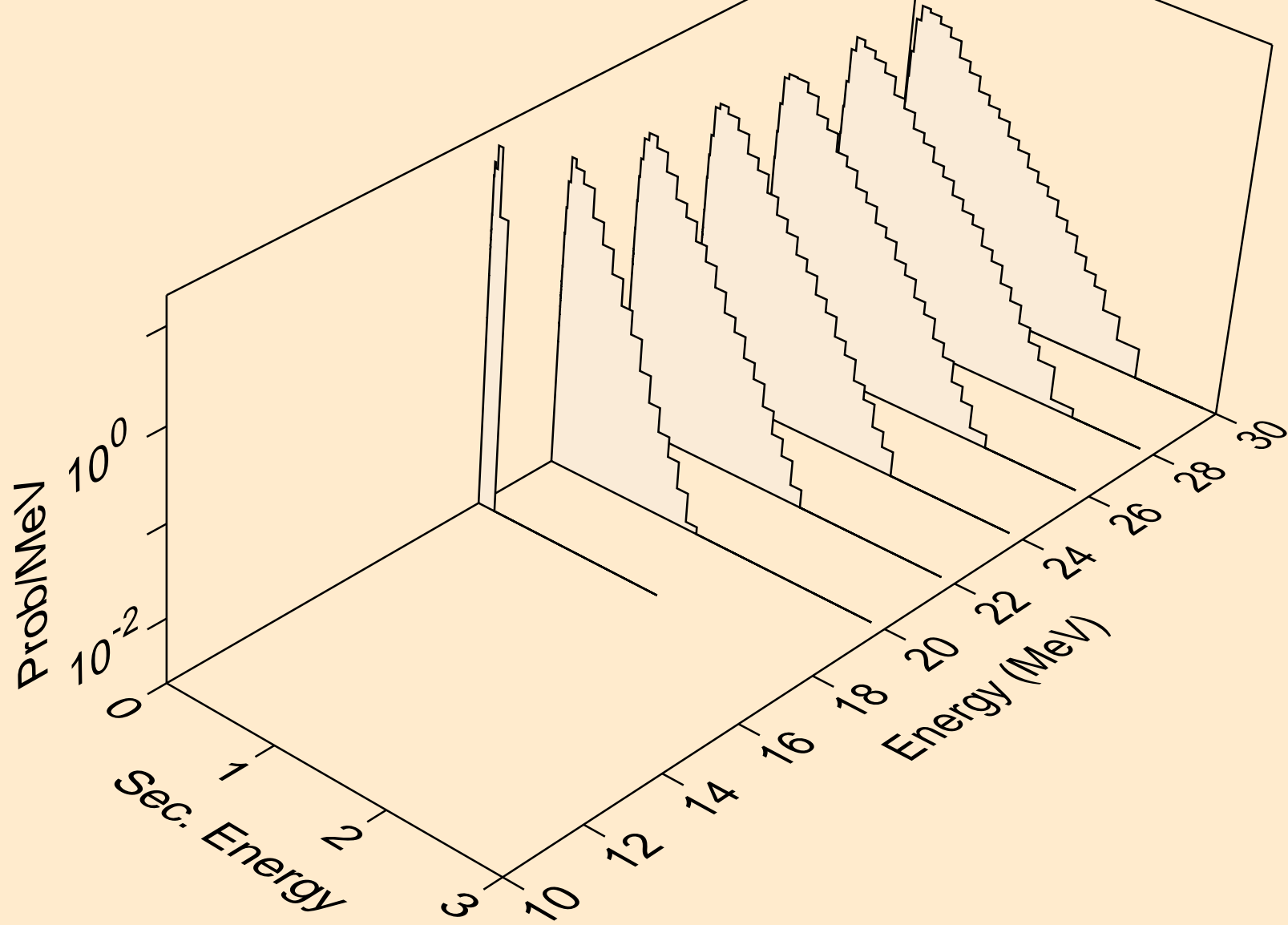
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)d



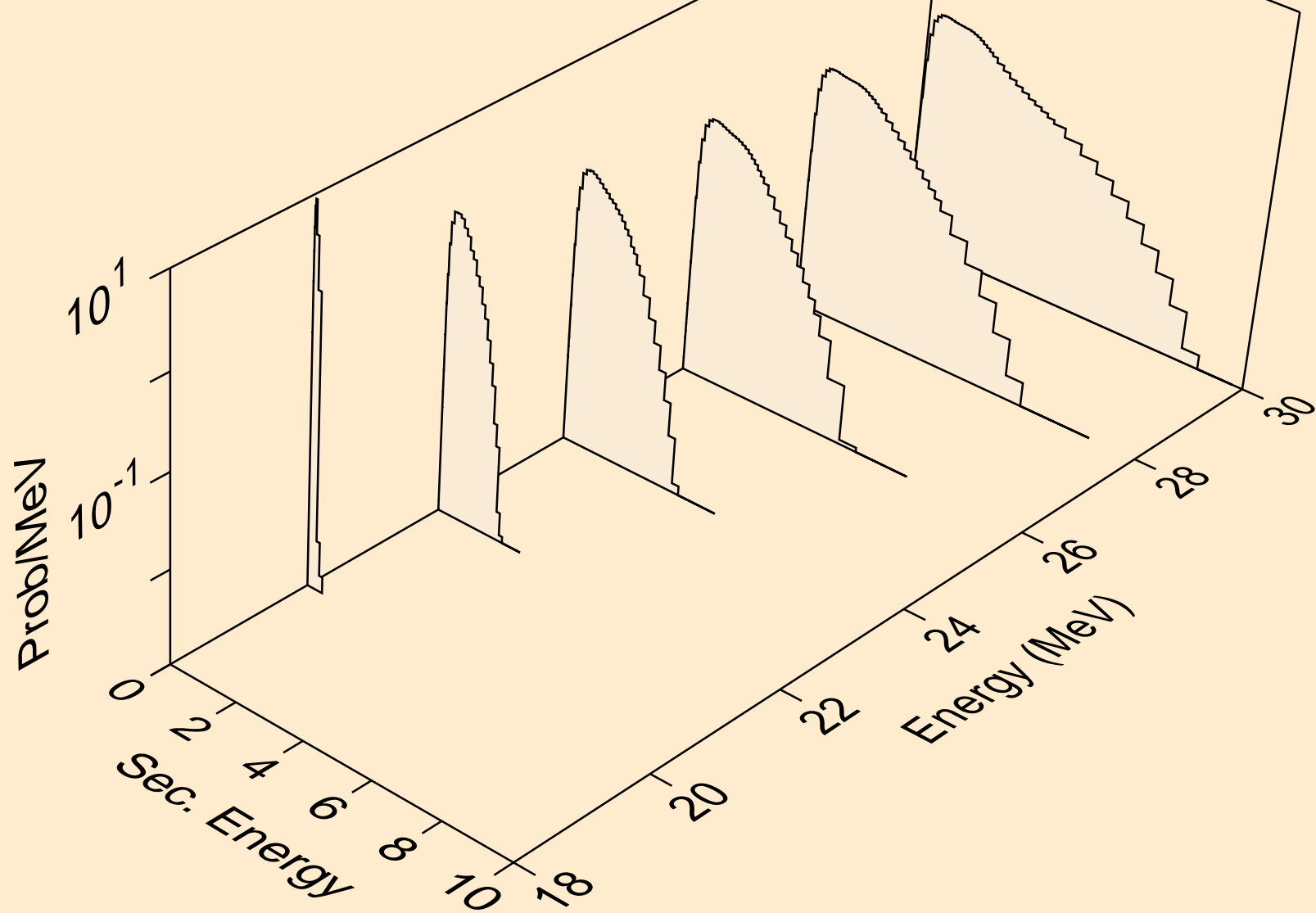
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)t



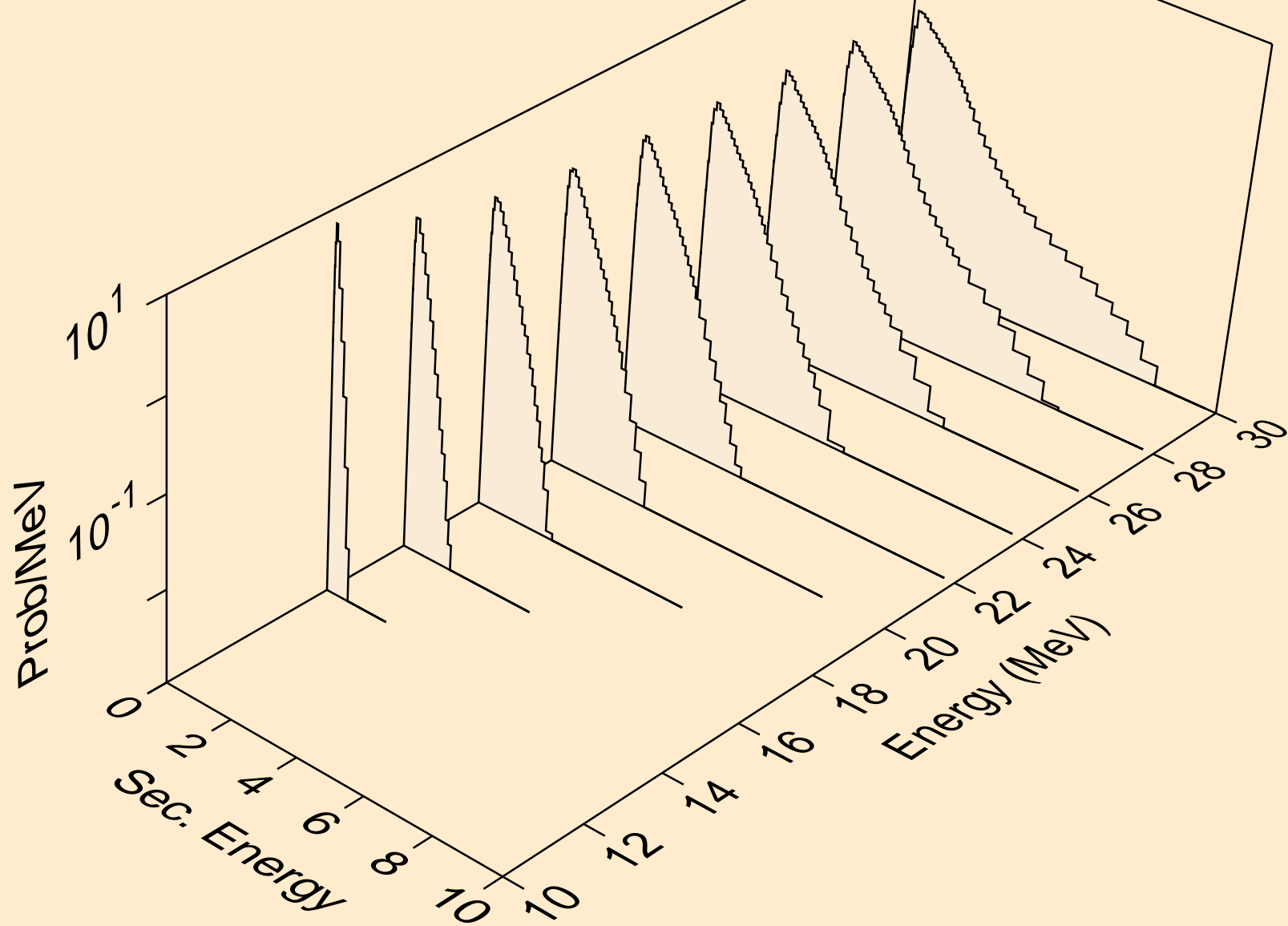
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*)he3



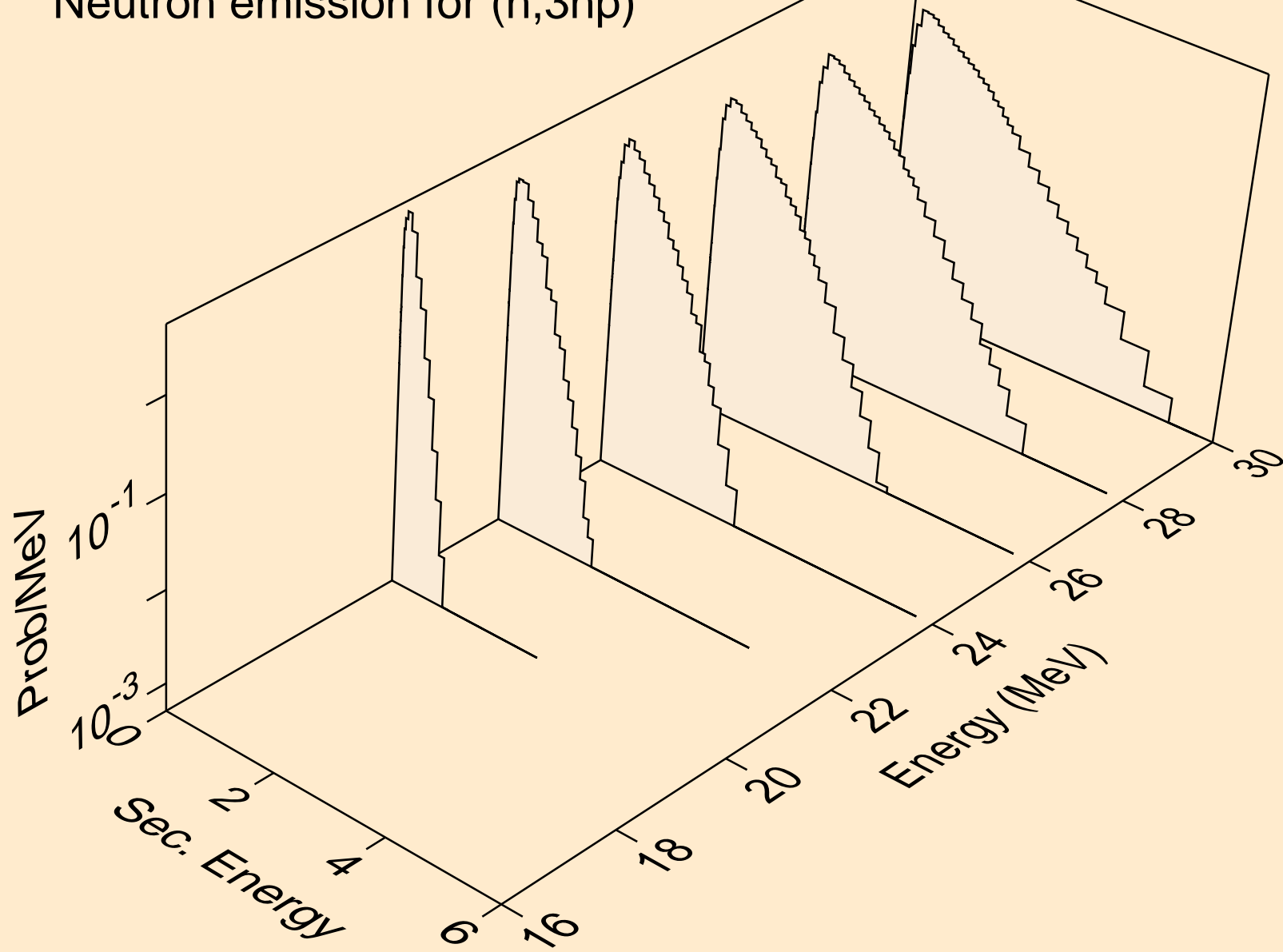
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,4n)



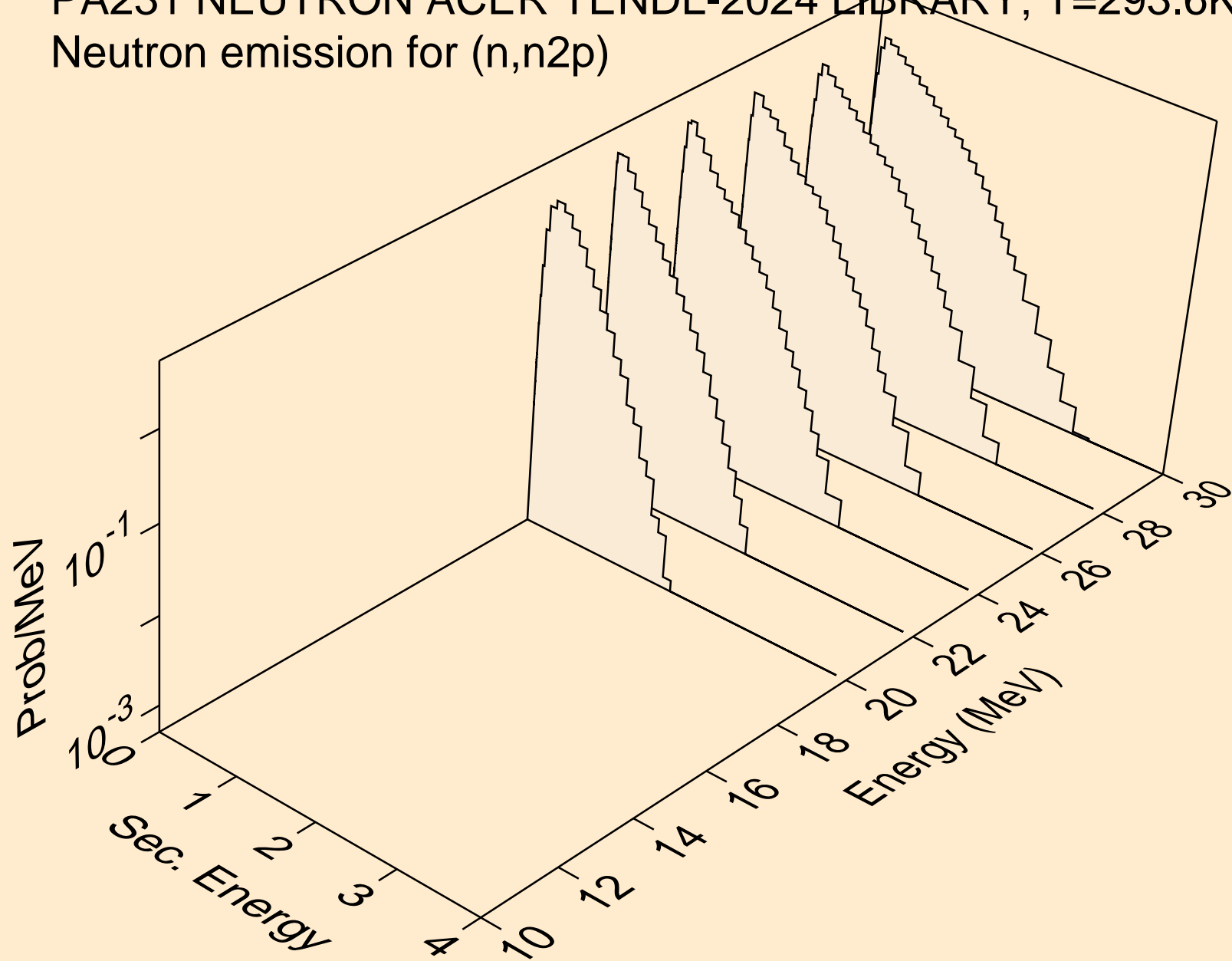
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,2np)



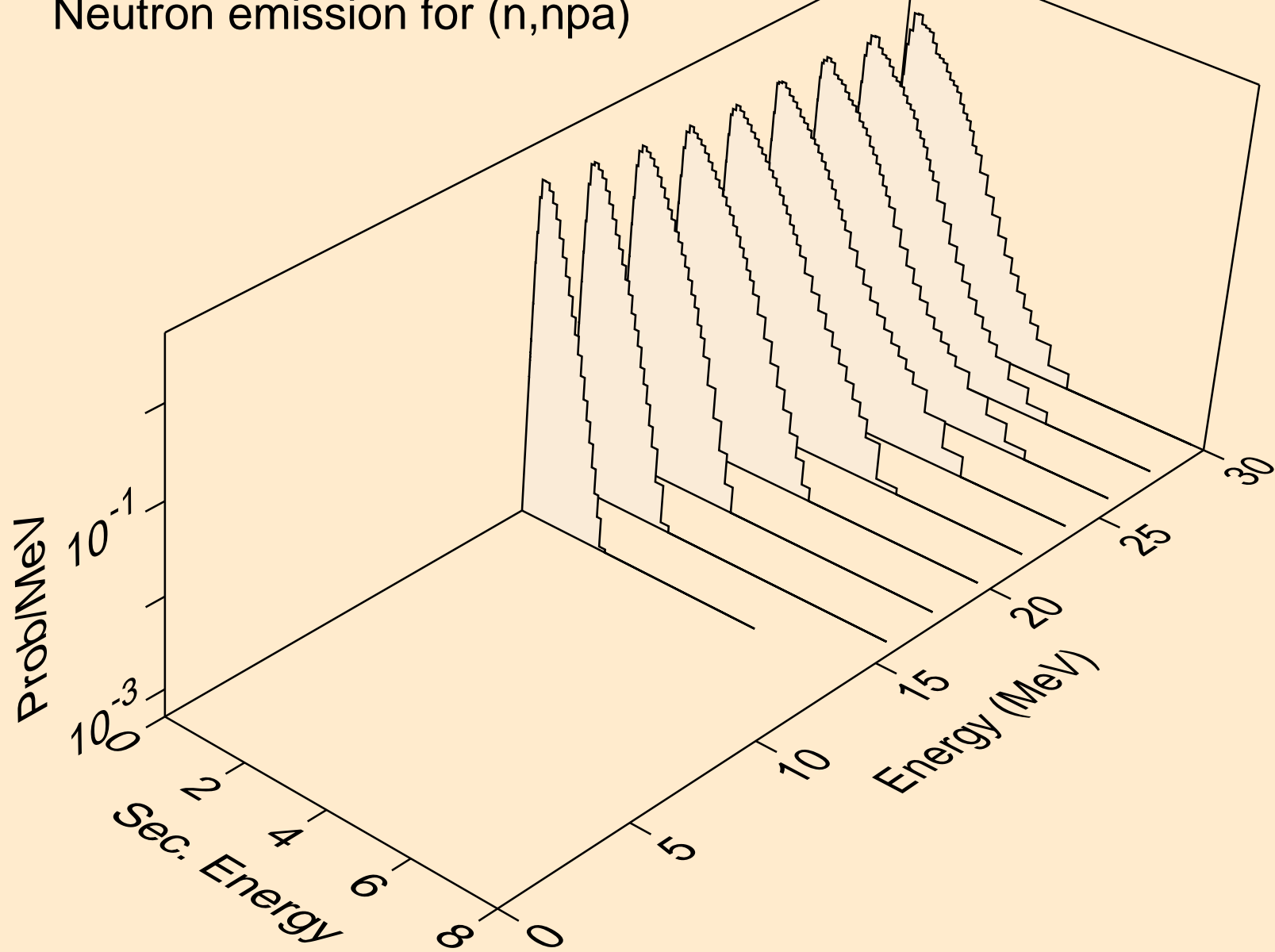
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,3np)



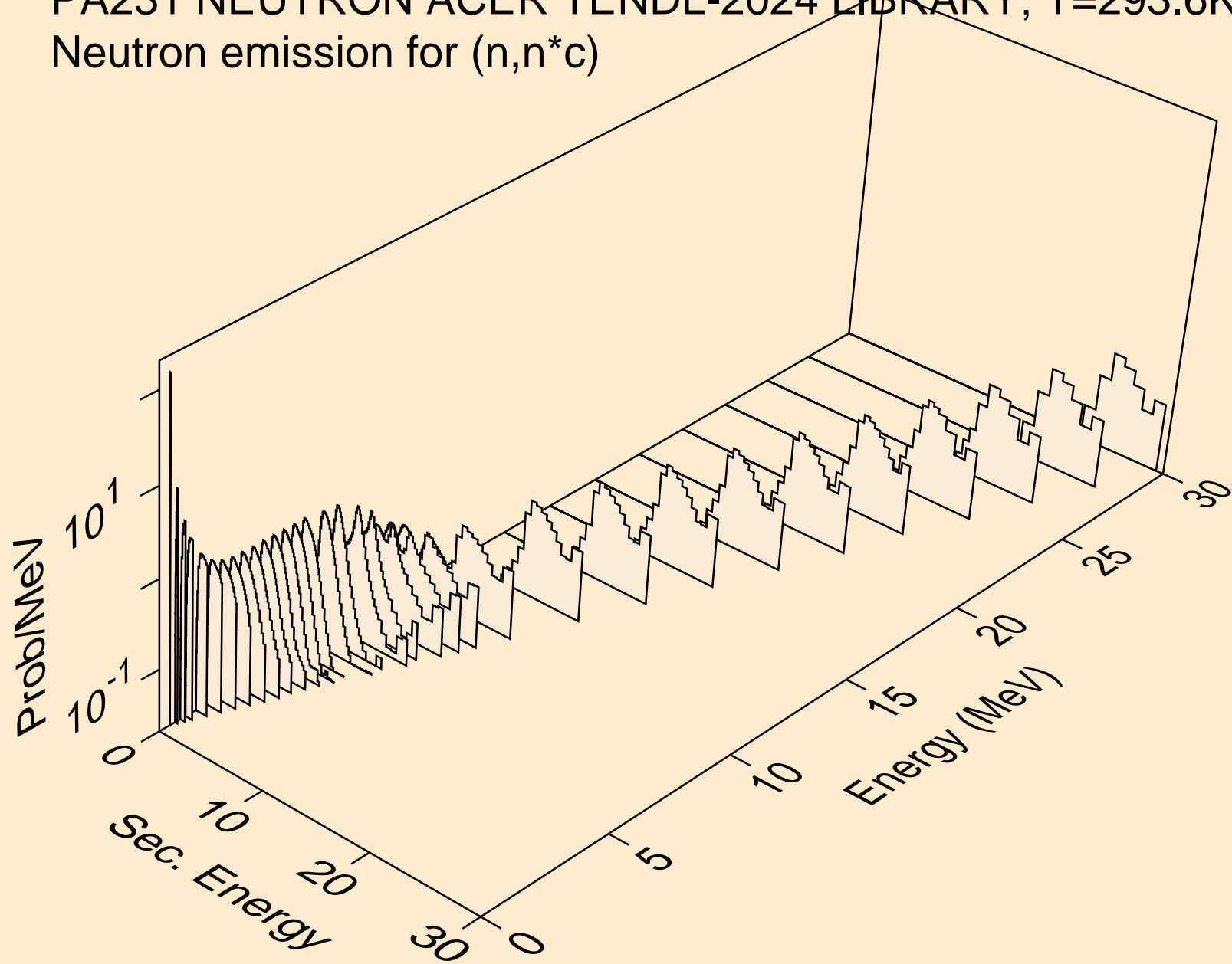
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n2p)



PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,npa)

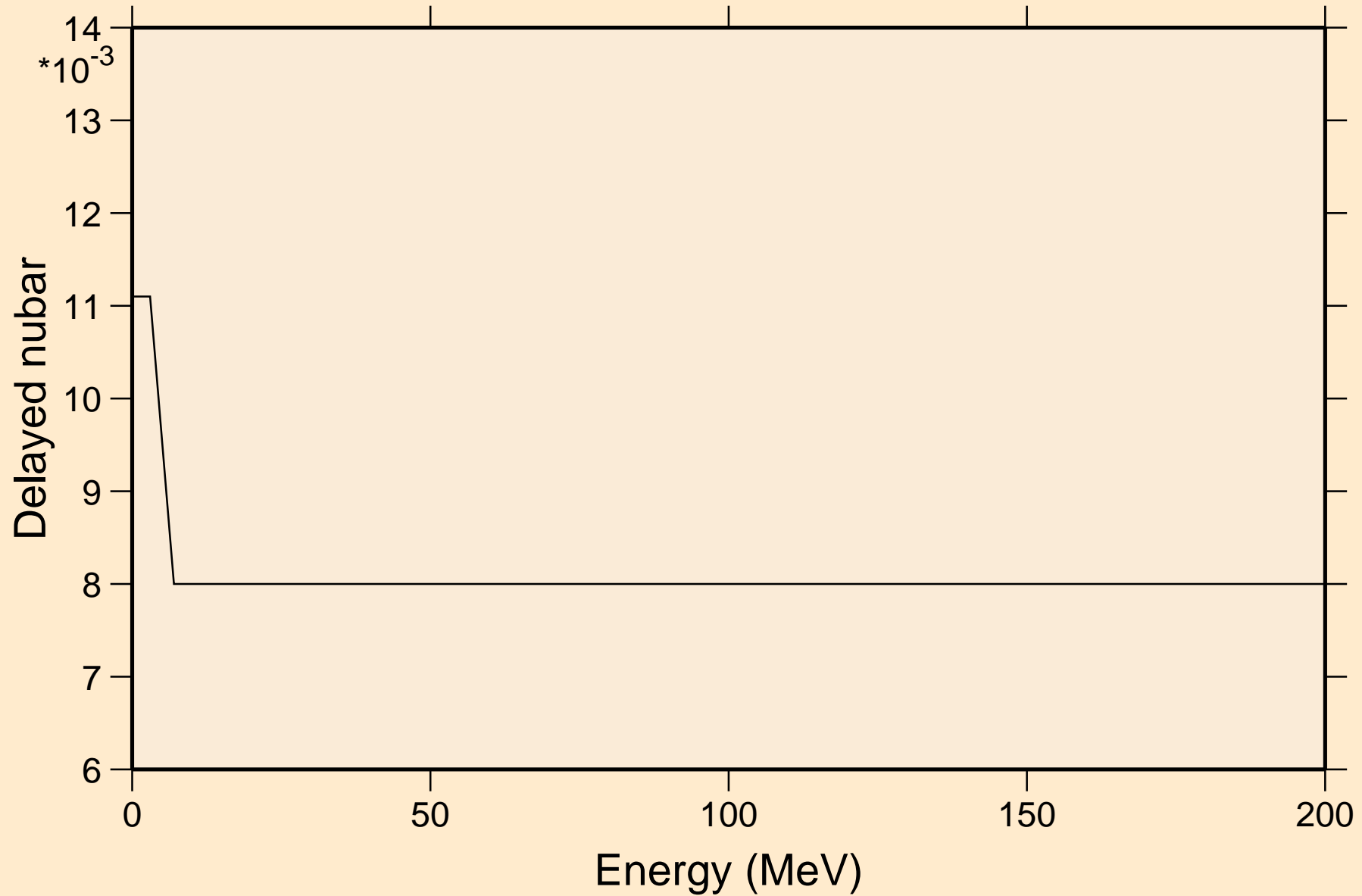


PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Neutron emission for (n,n\*c)



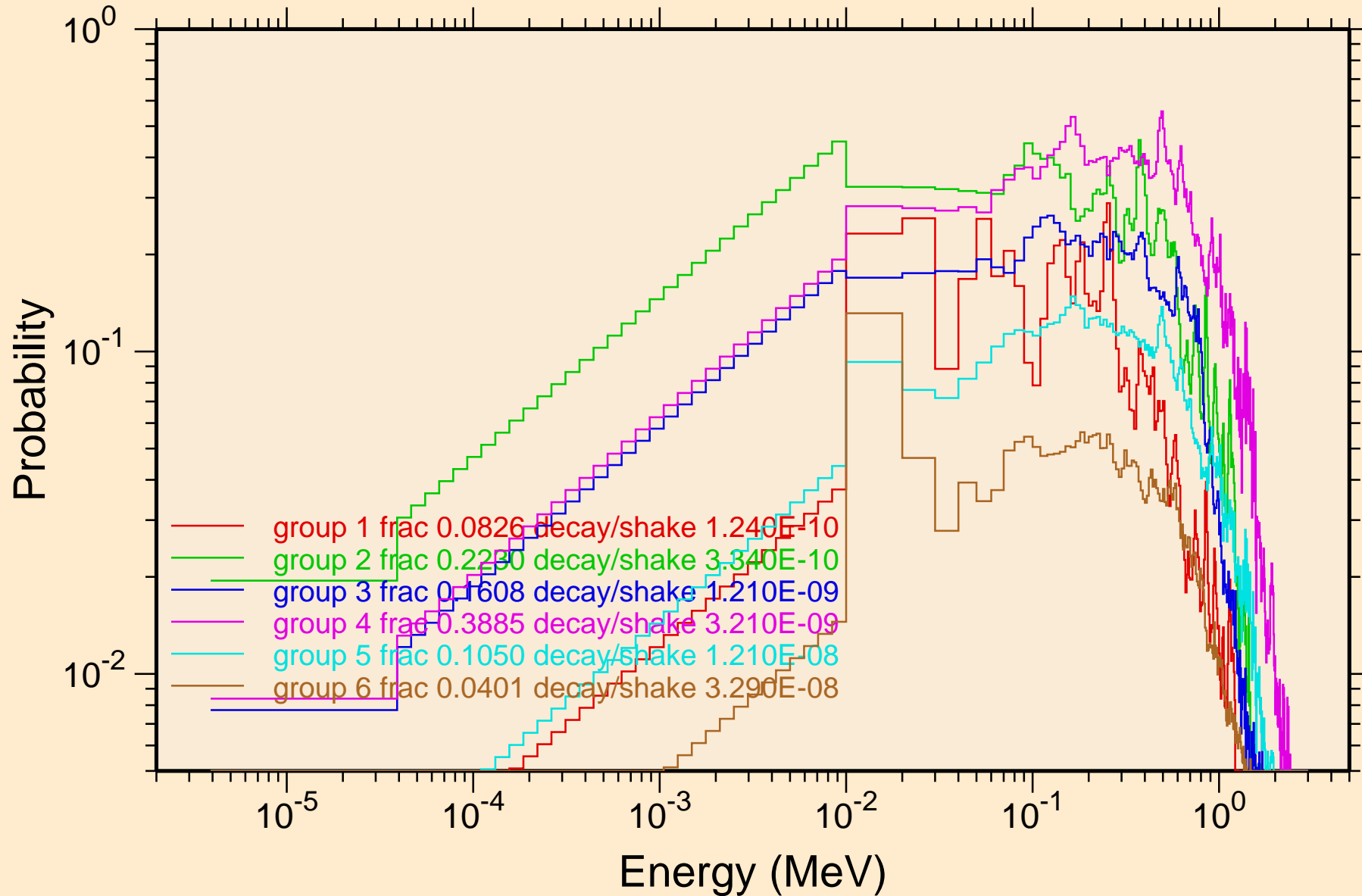
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Delayed nubar

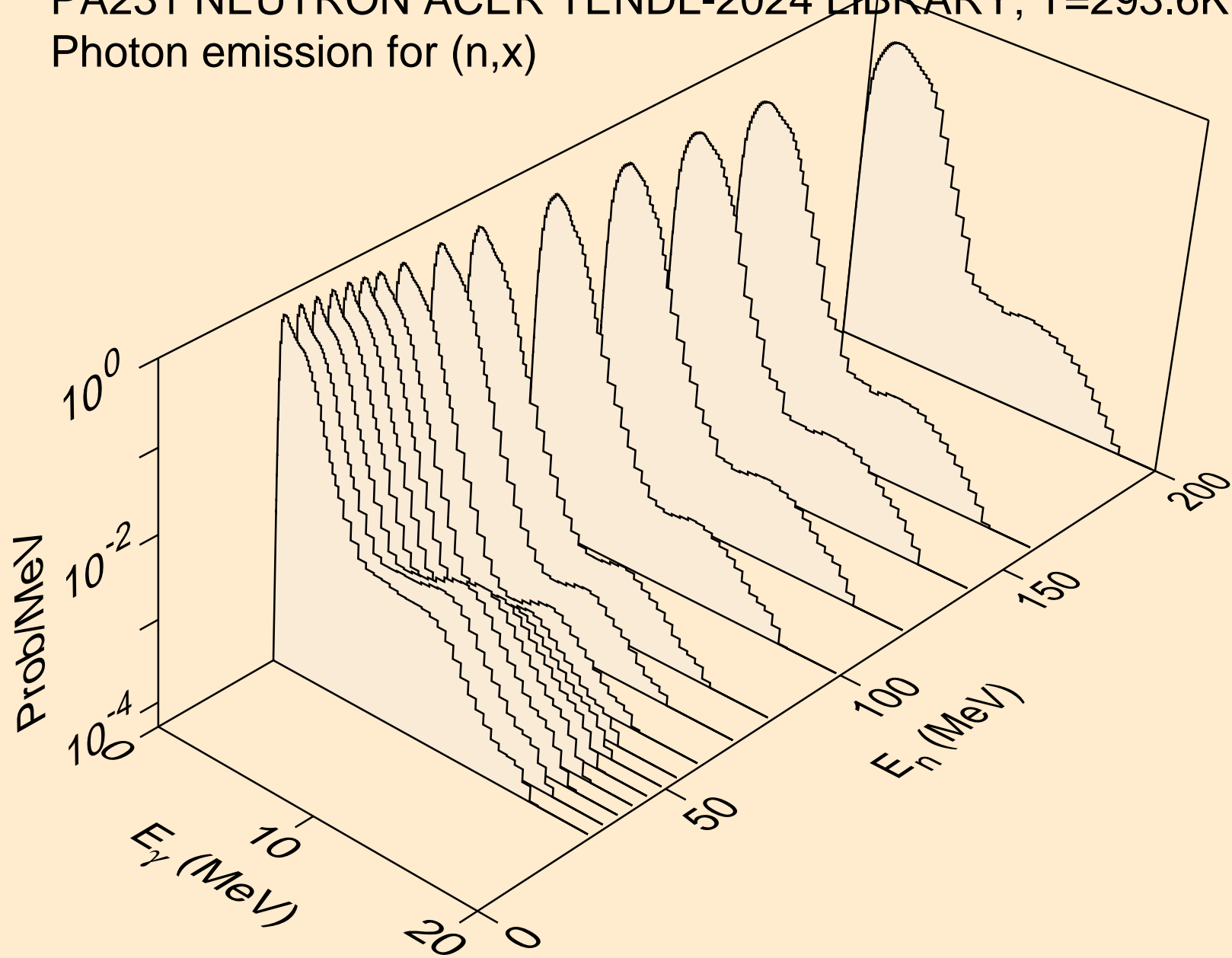


# PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

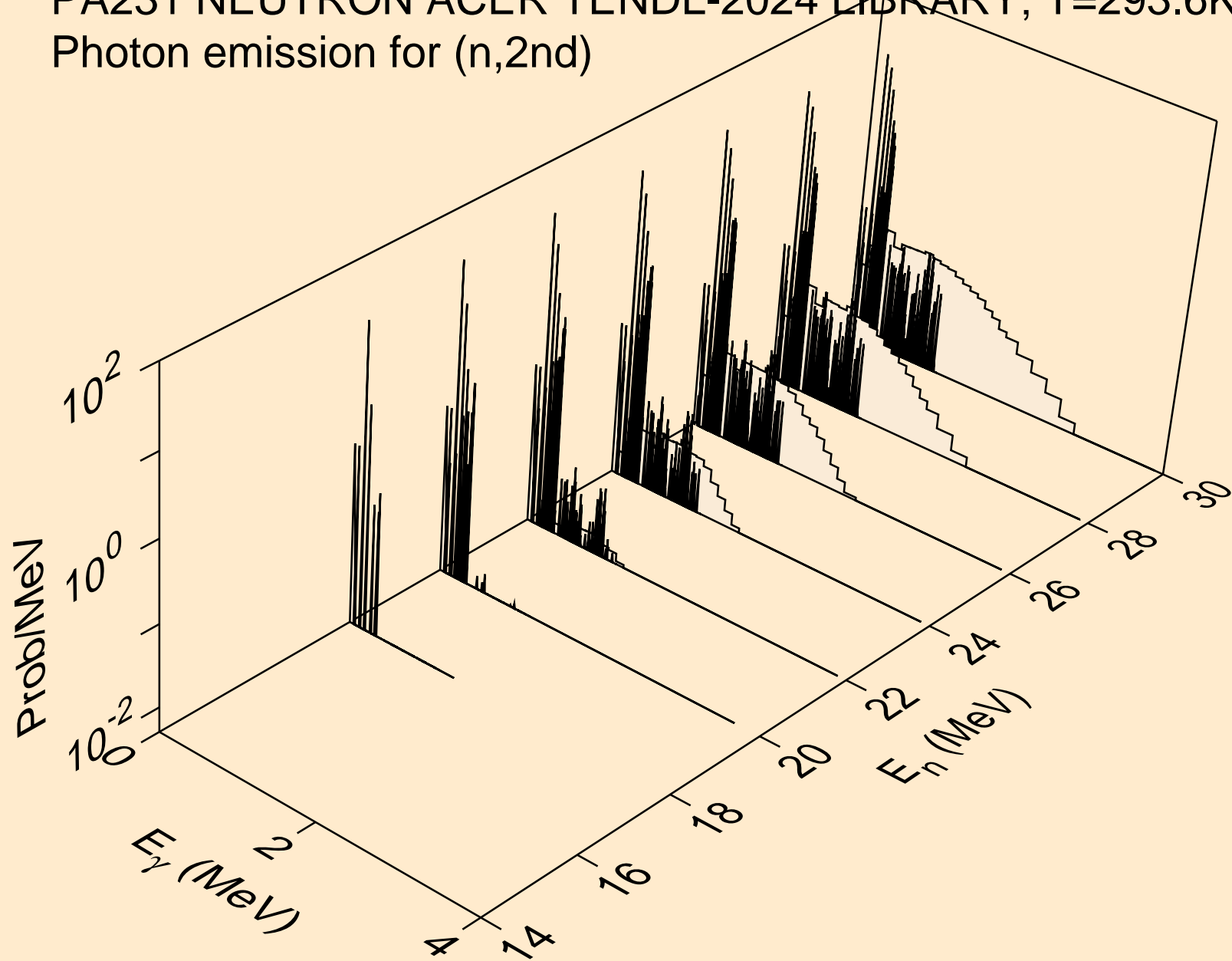
## Delayed neutron spectra



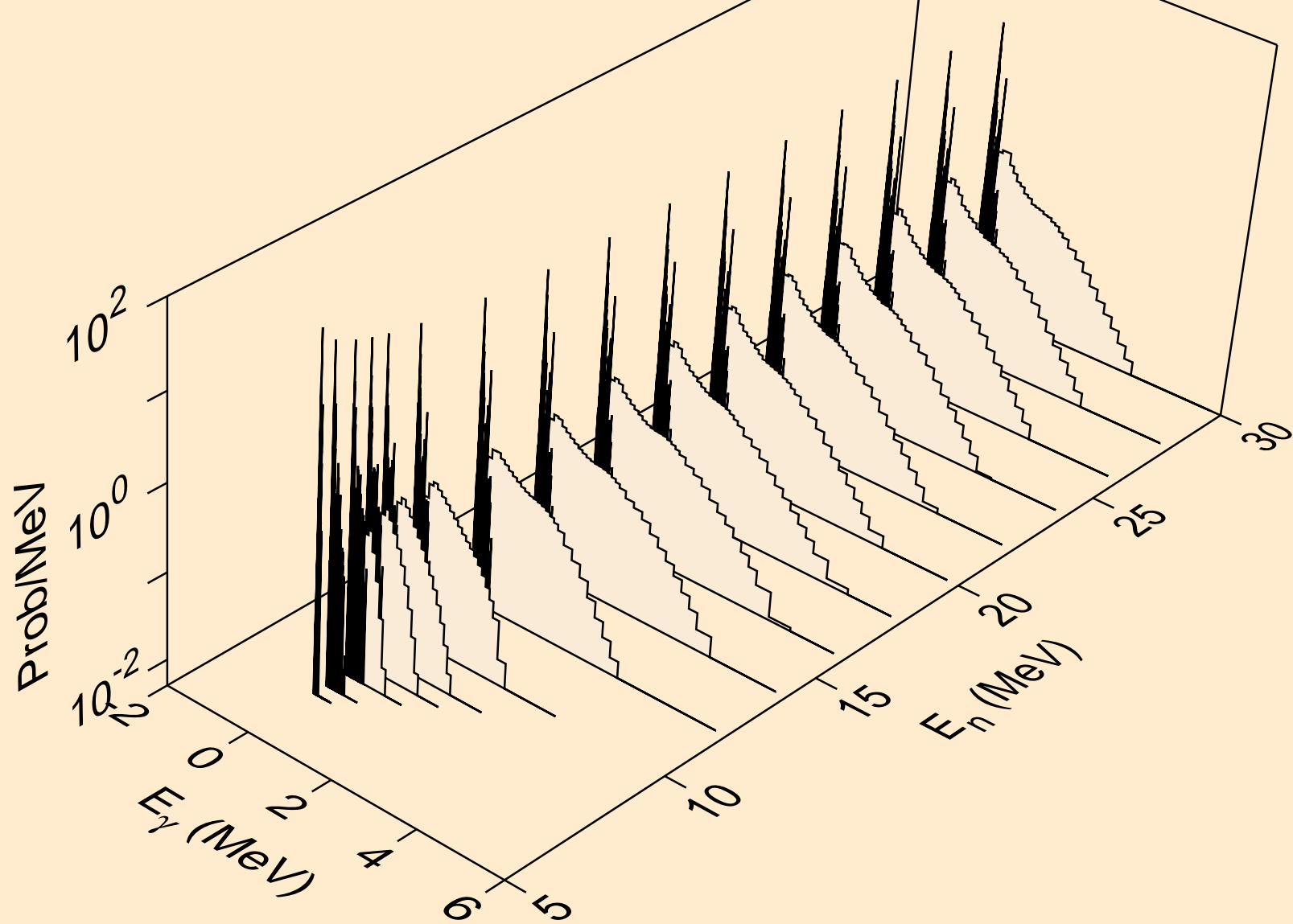
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,x)



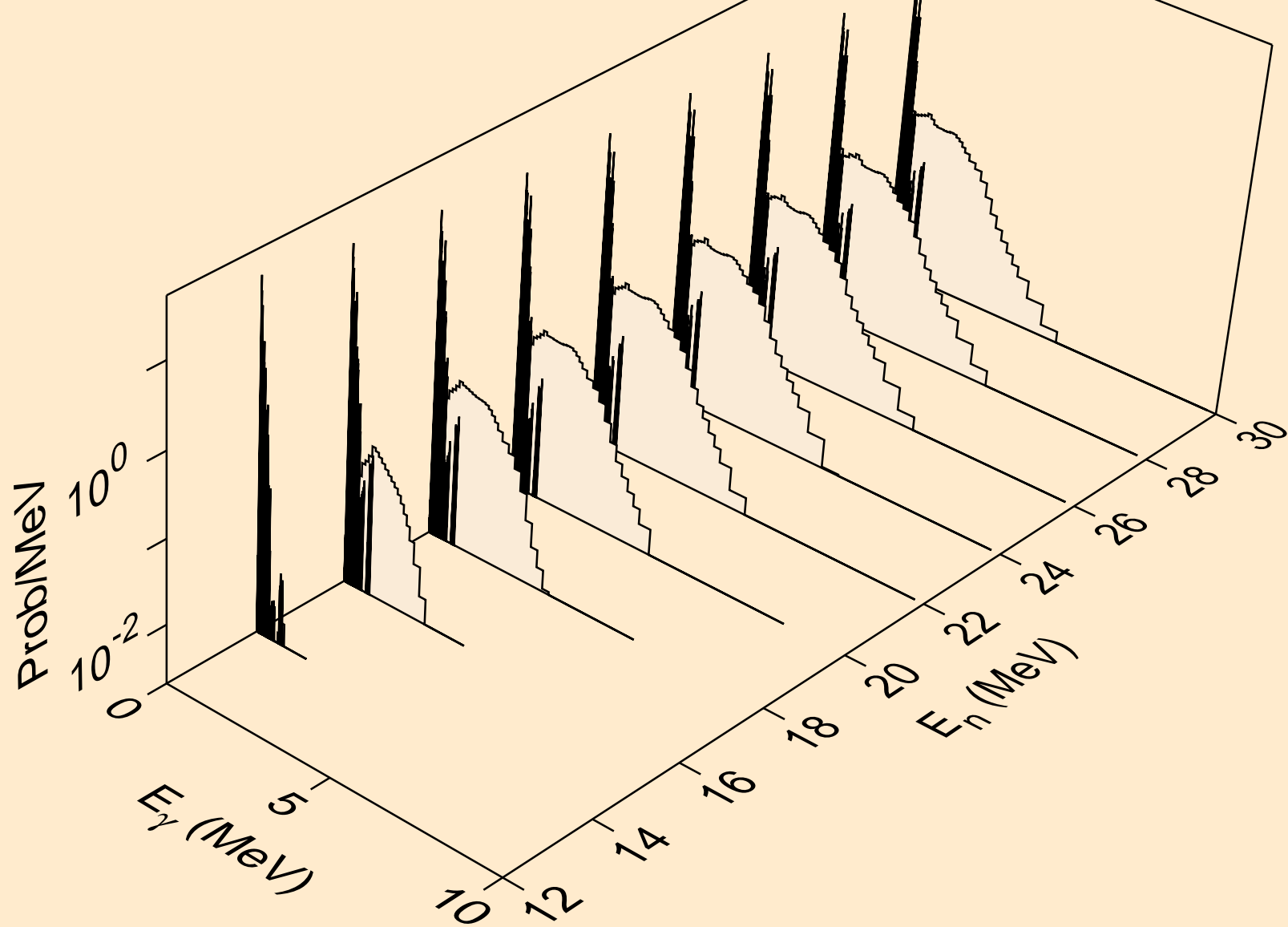
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2nd)



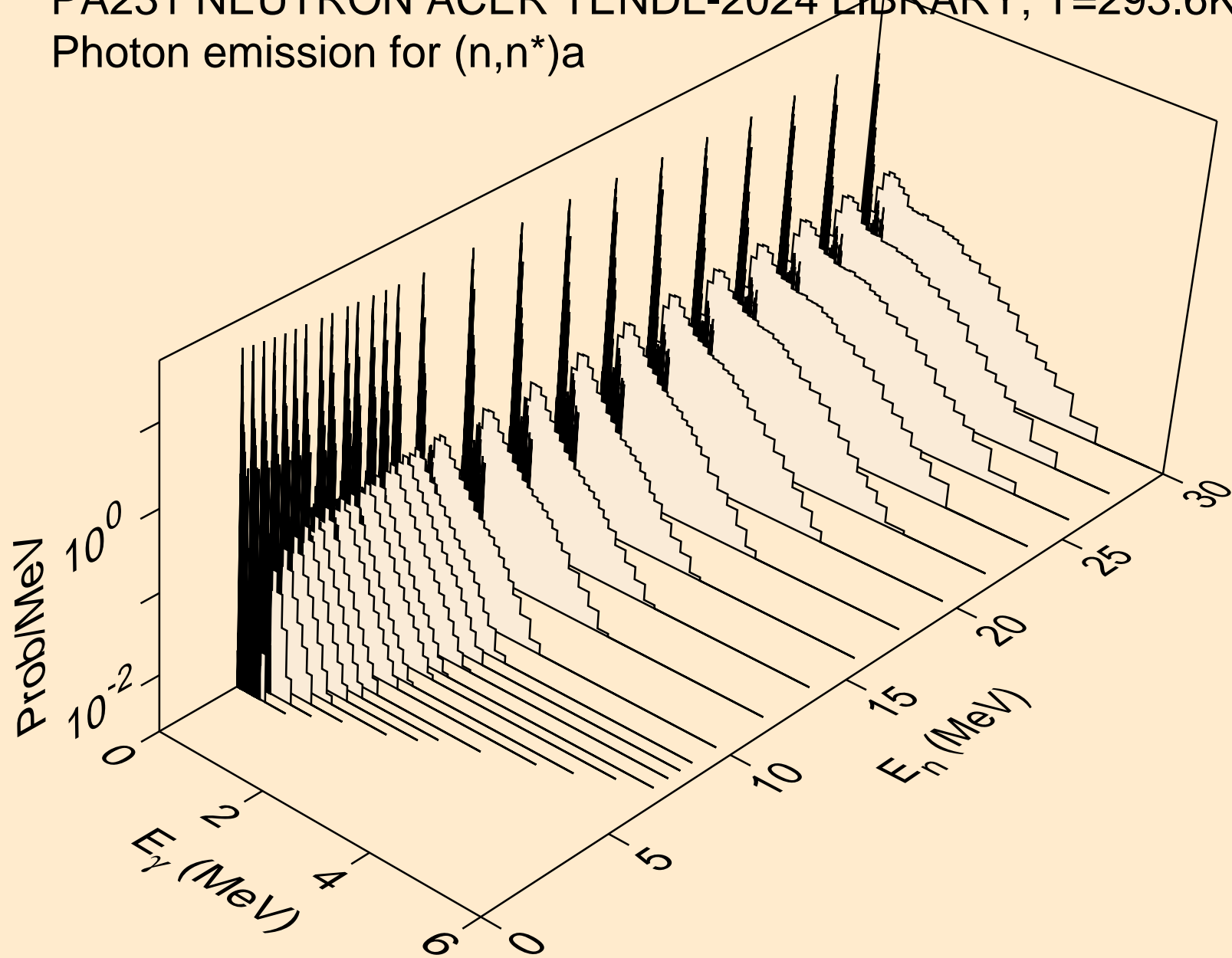
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)



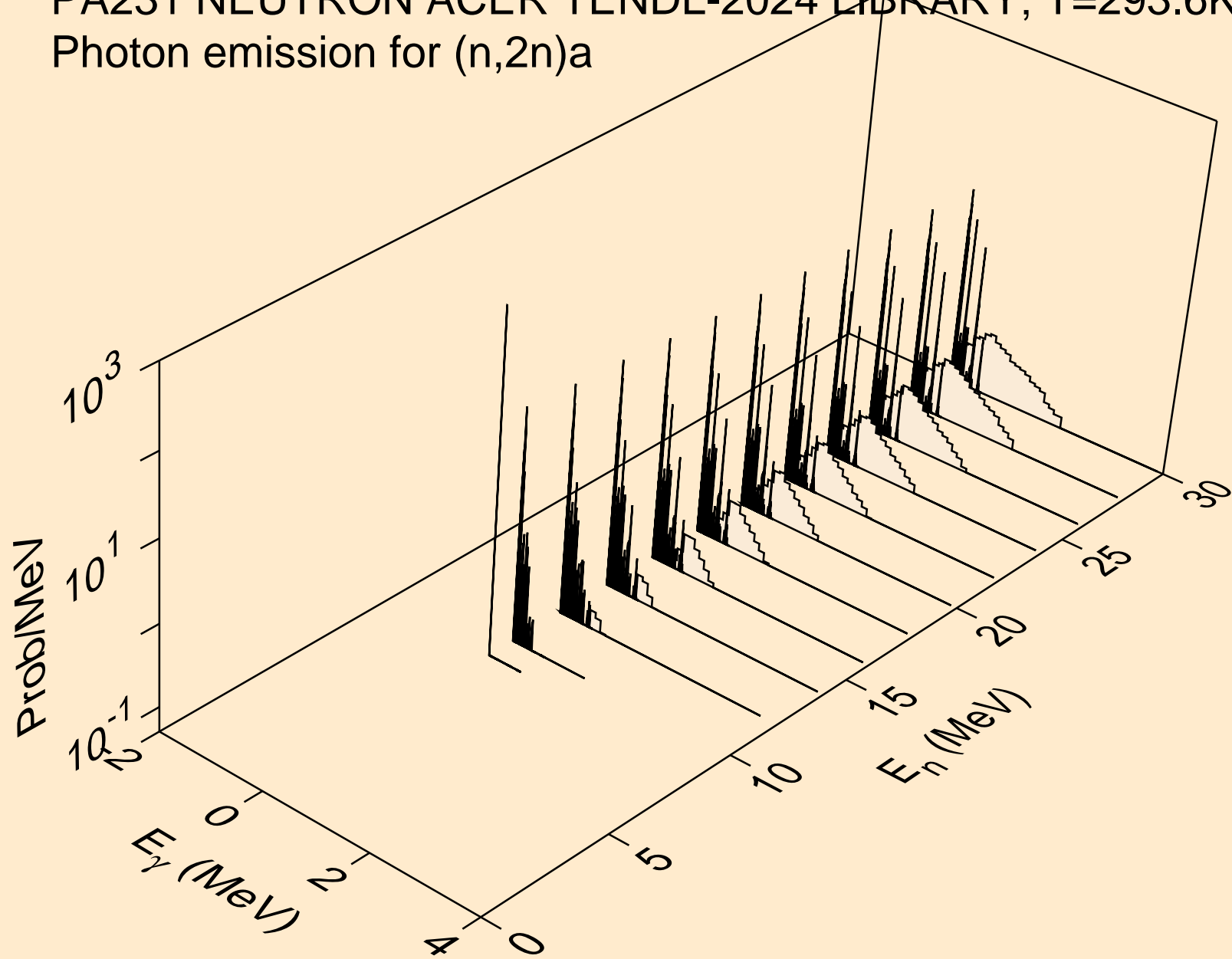
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3n)



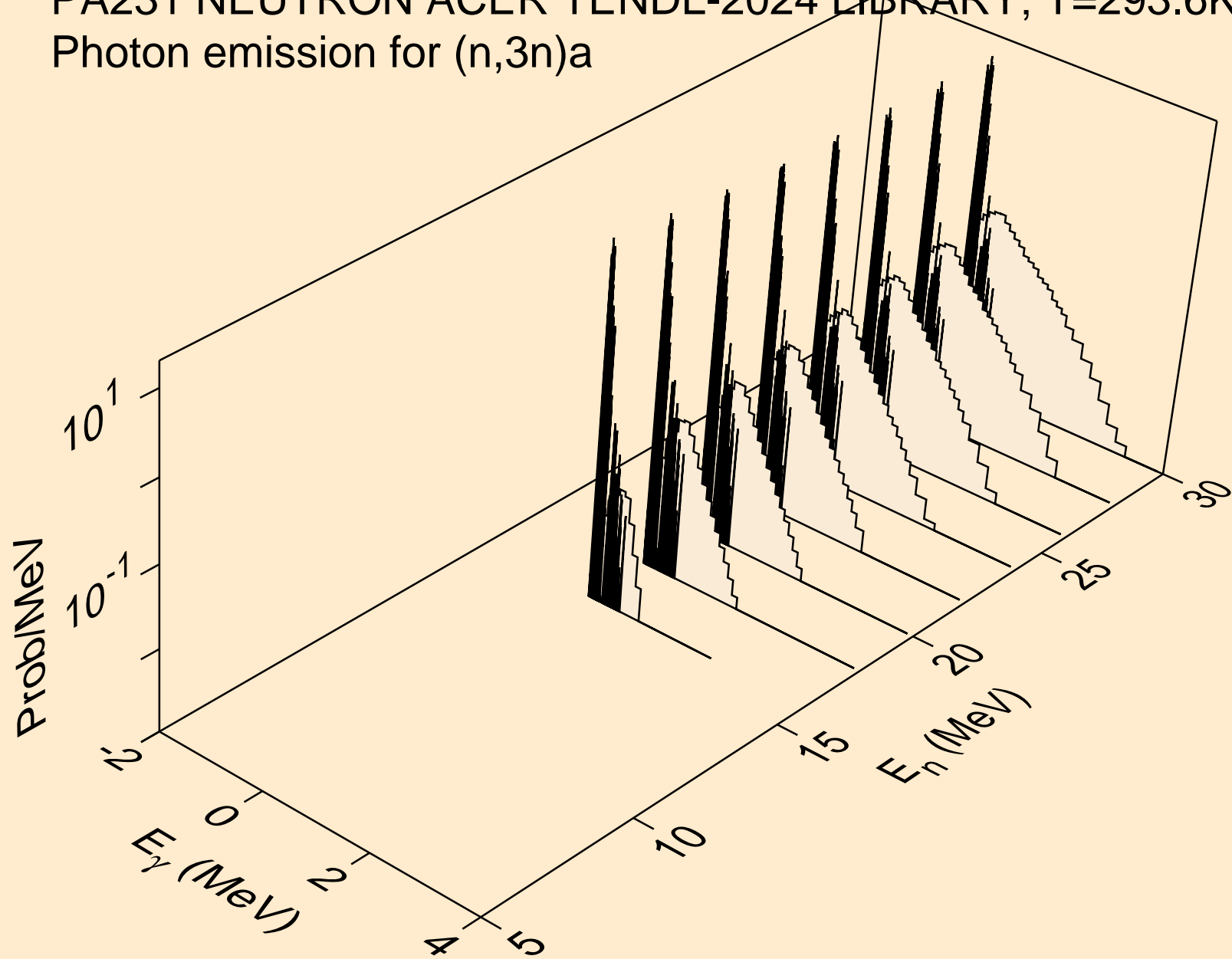
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)a



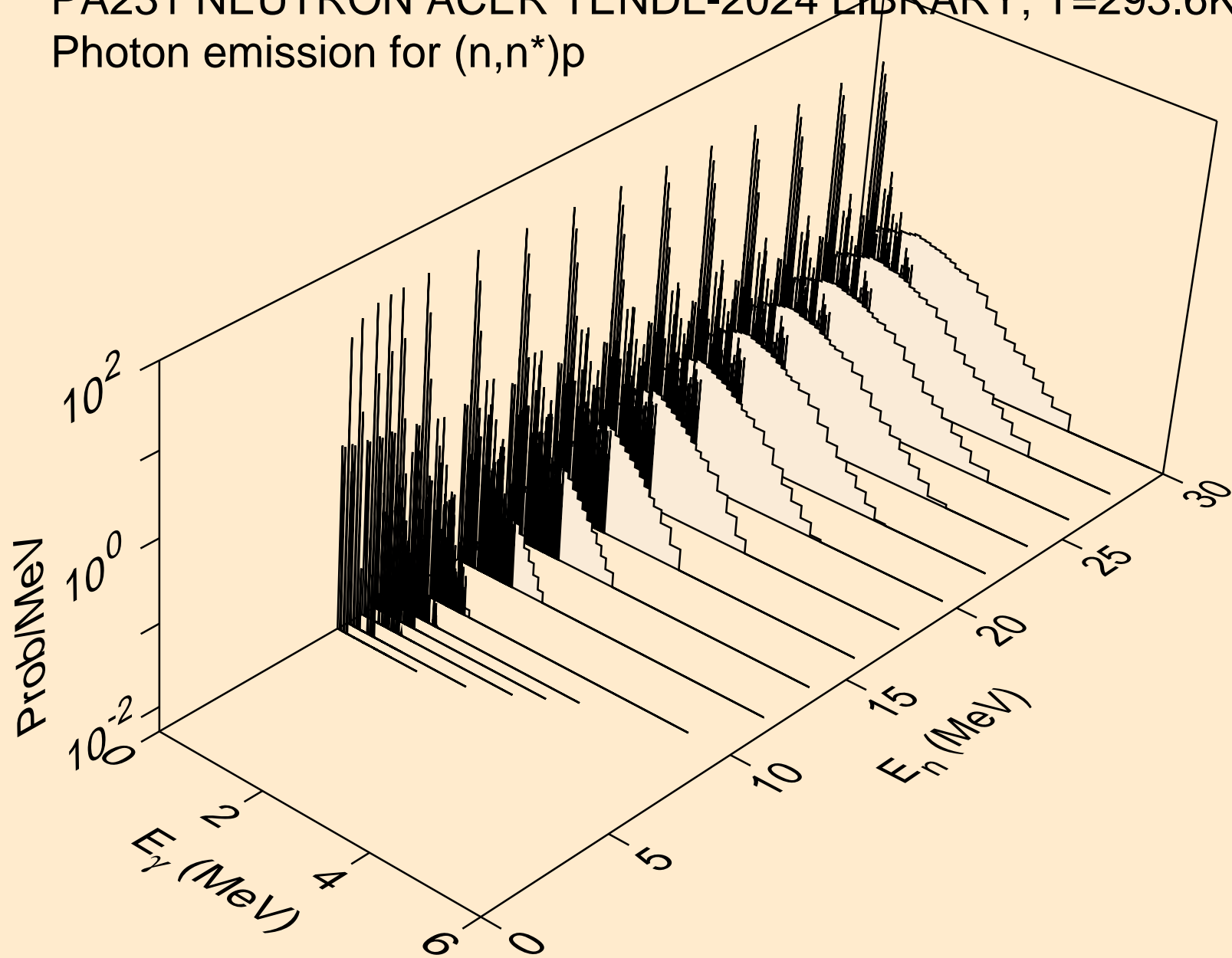
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2n)a



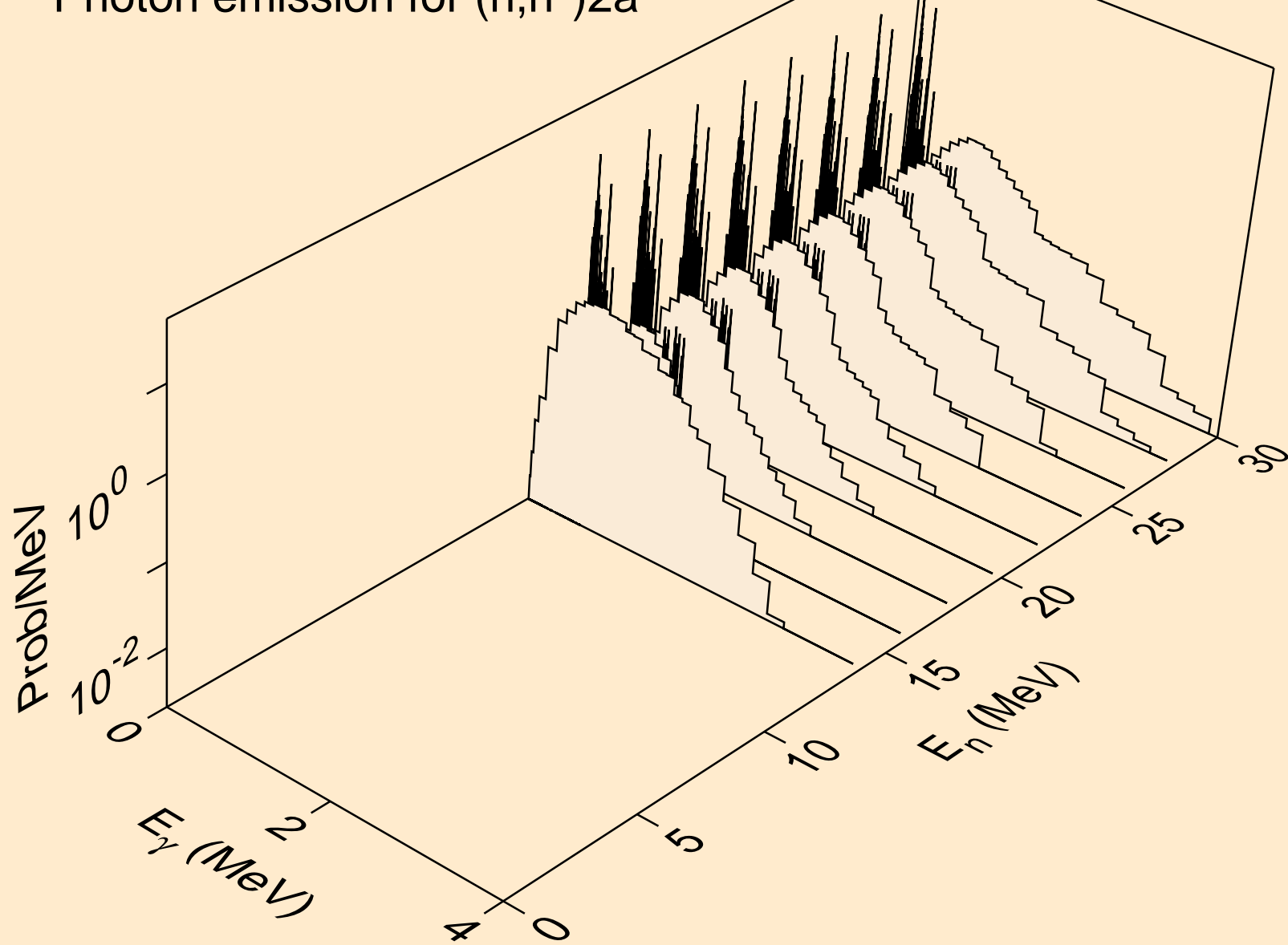
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Photon emission for (n,3n)a



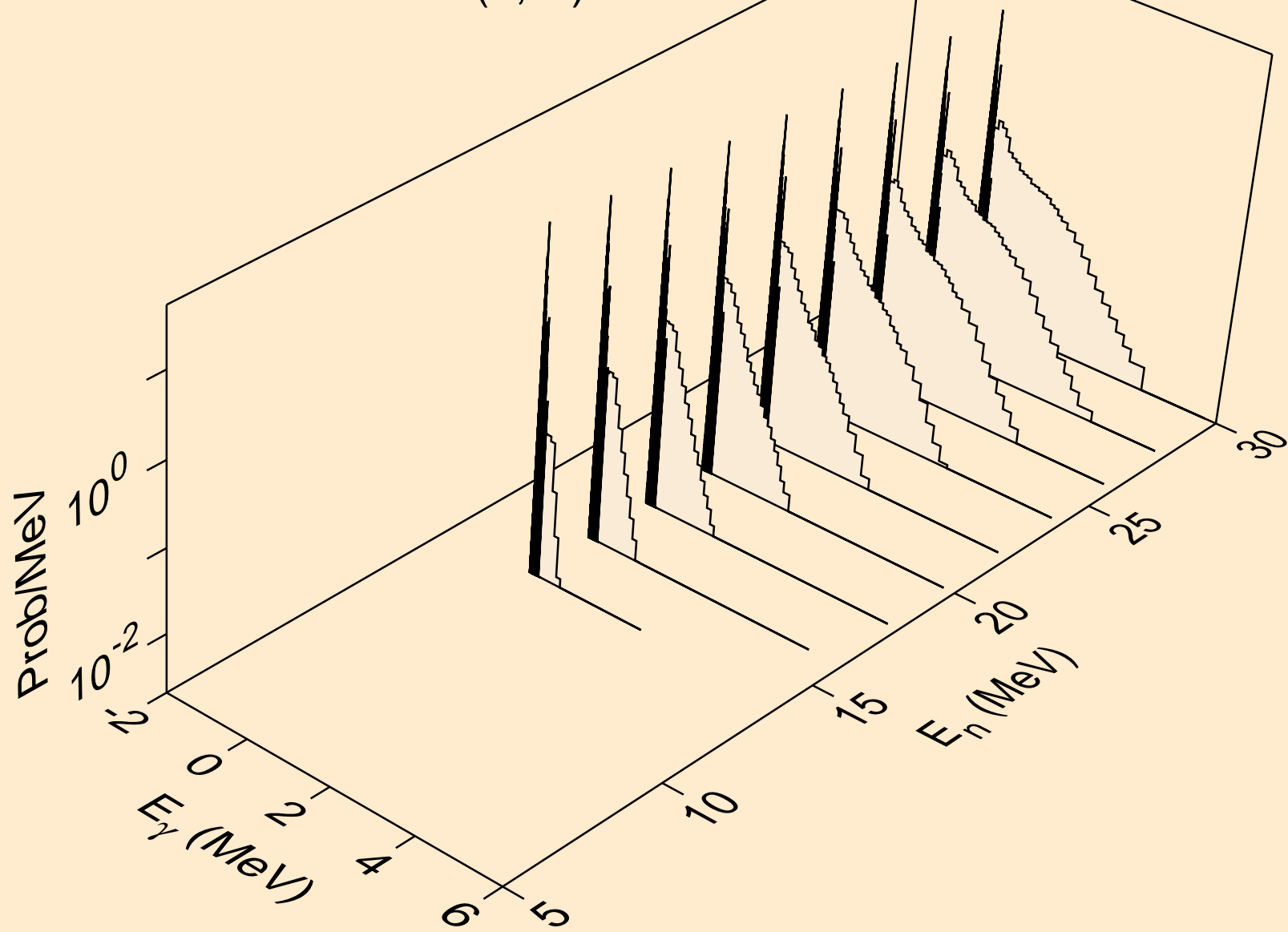
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)p



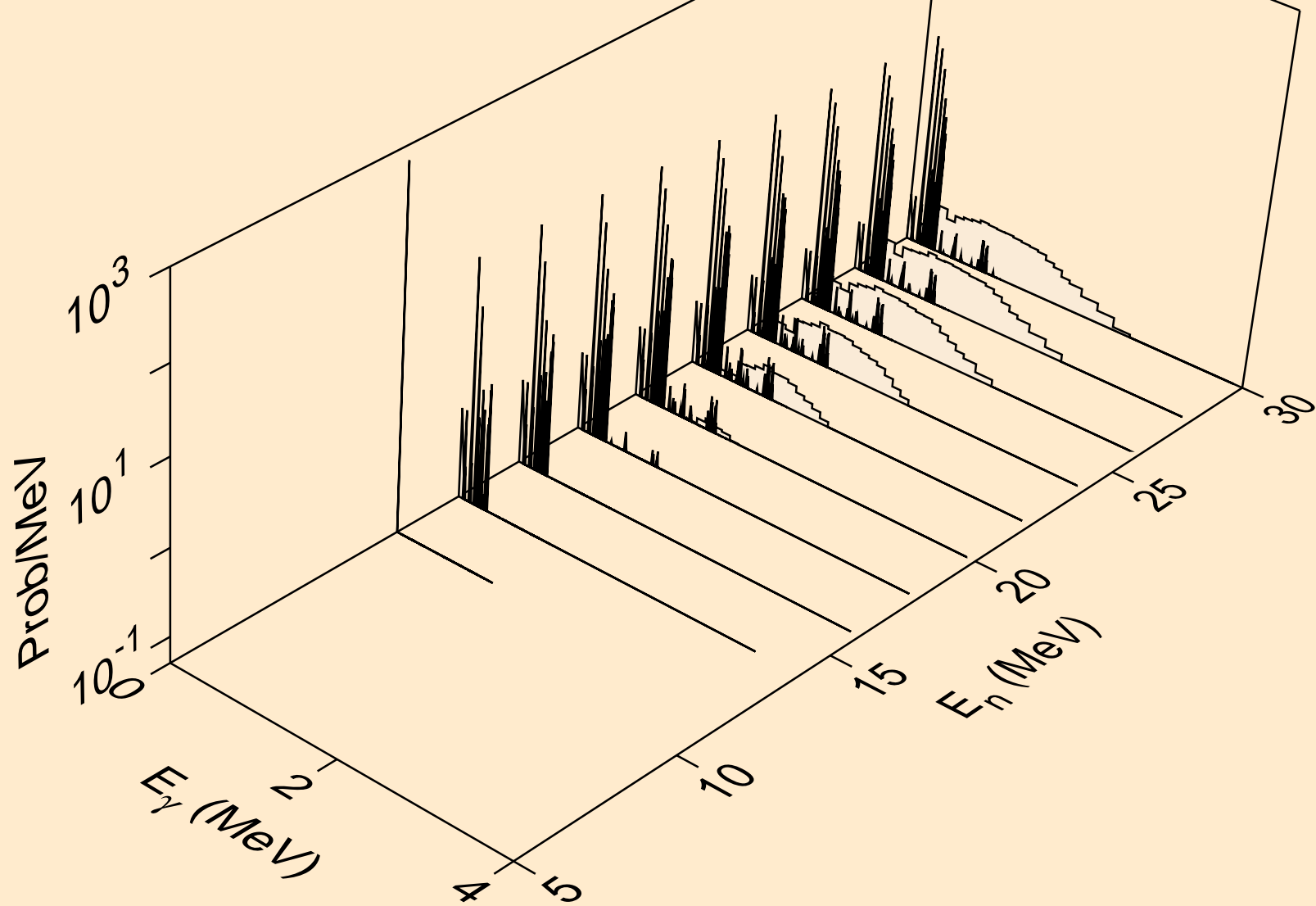
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)2a



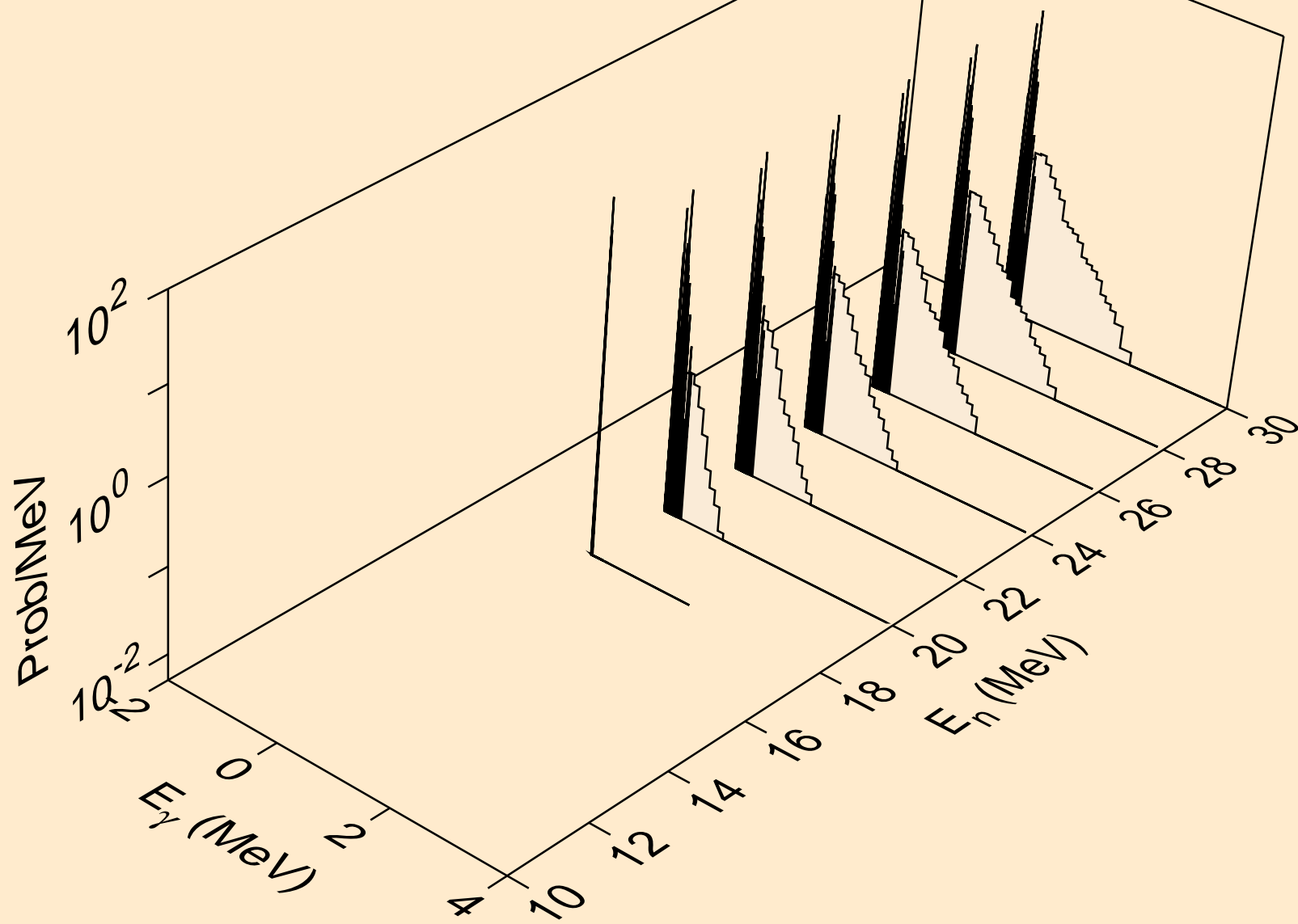
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)d



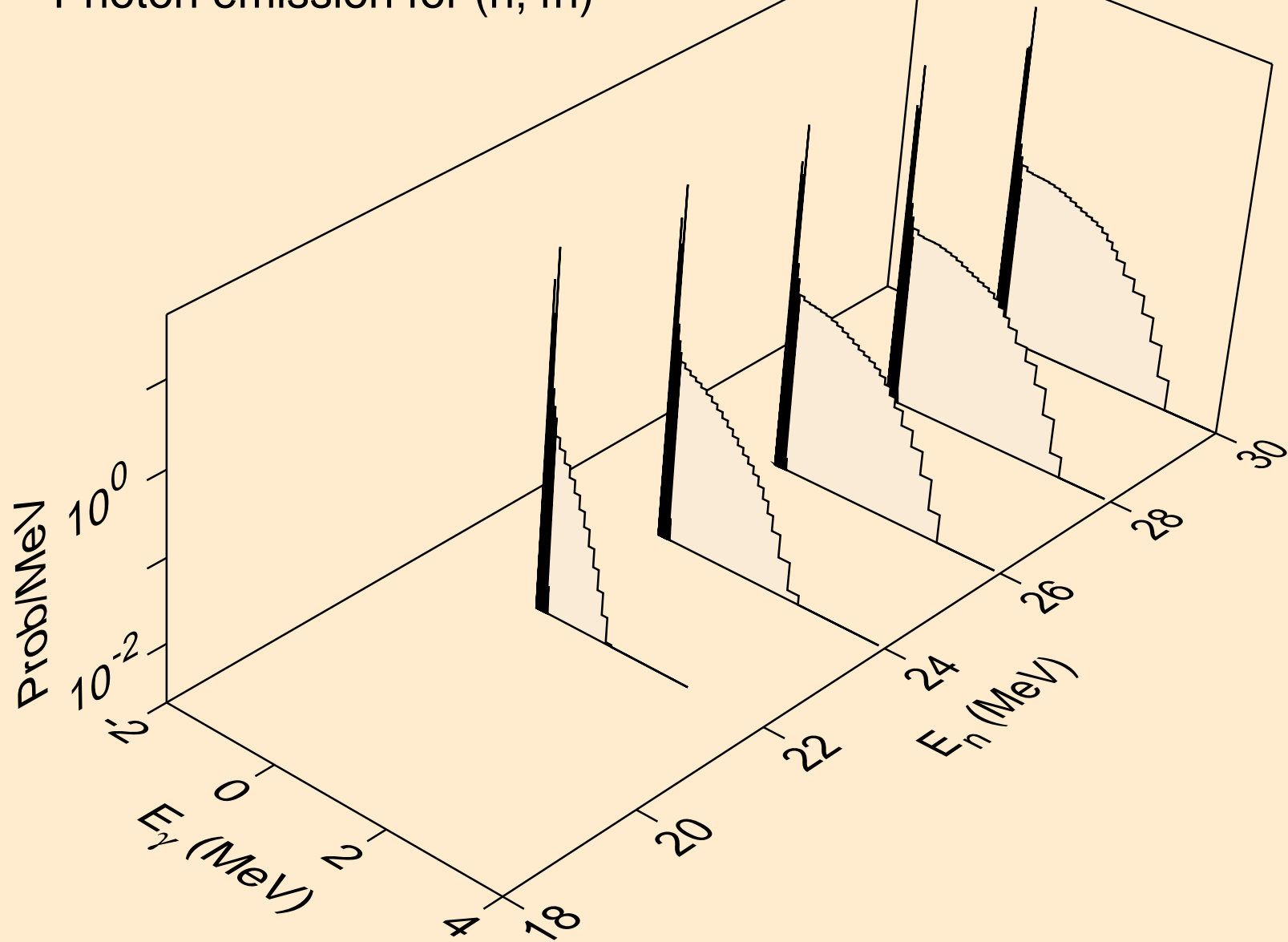
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)t



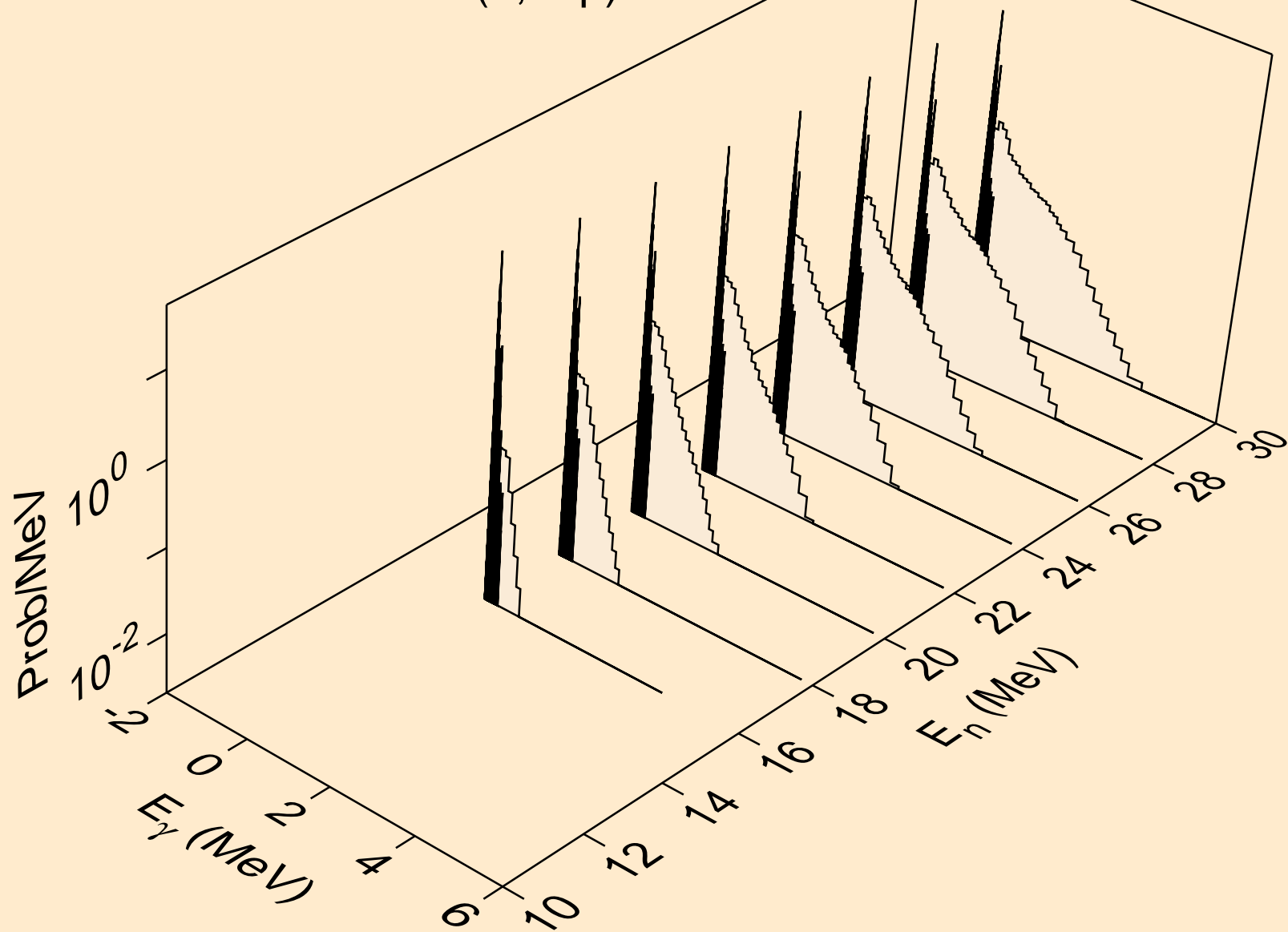
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*)he3



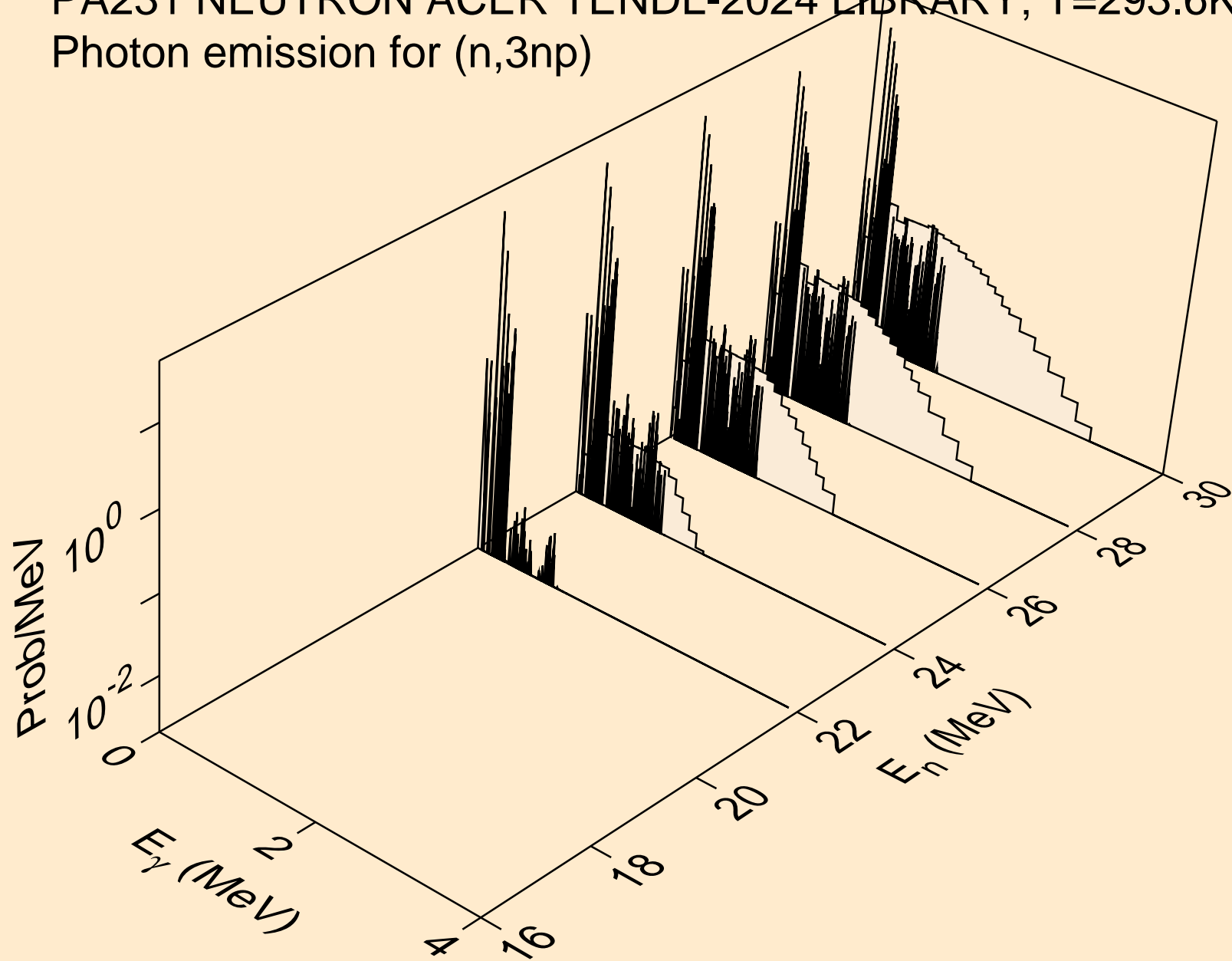
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,4n)



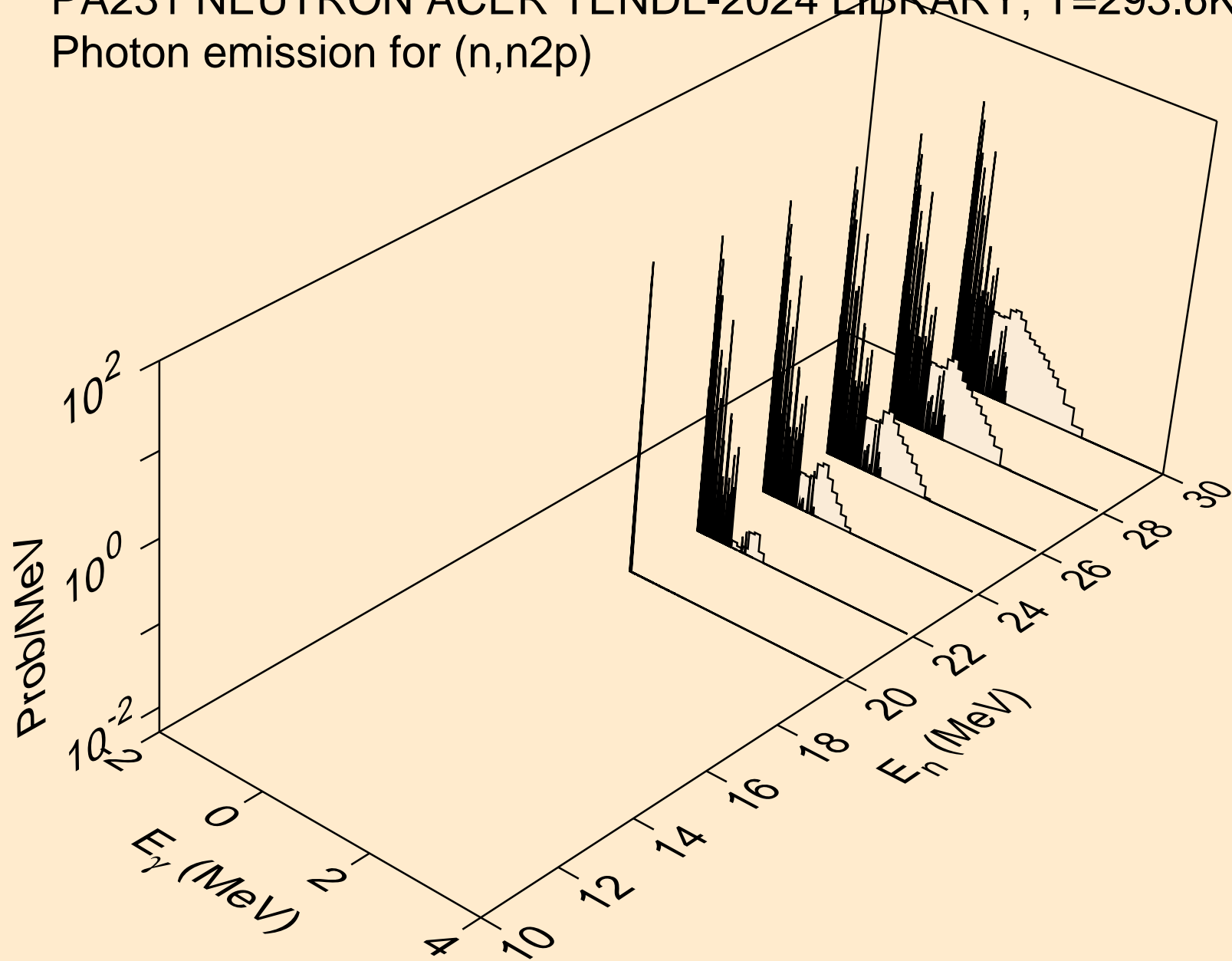
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2np)



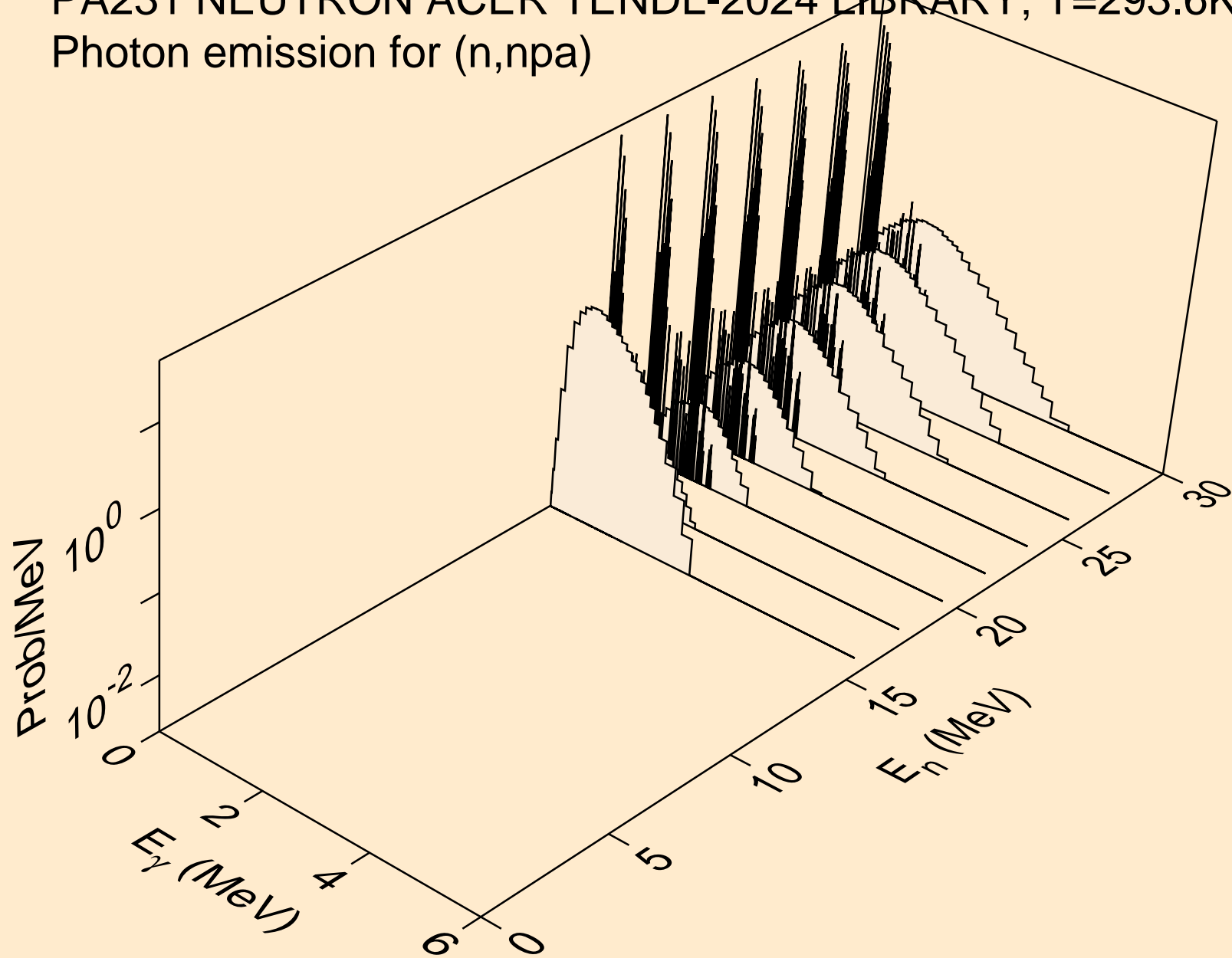
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,3np)



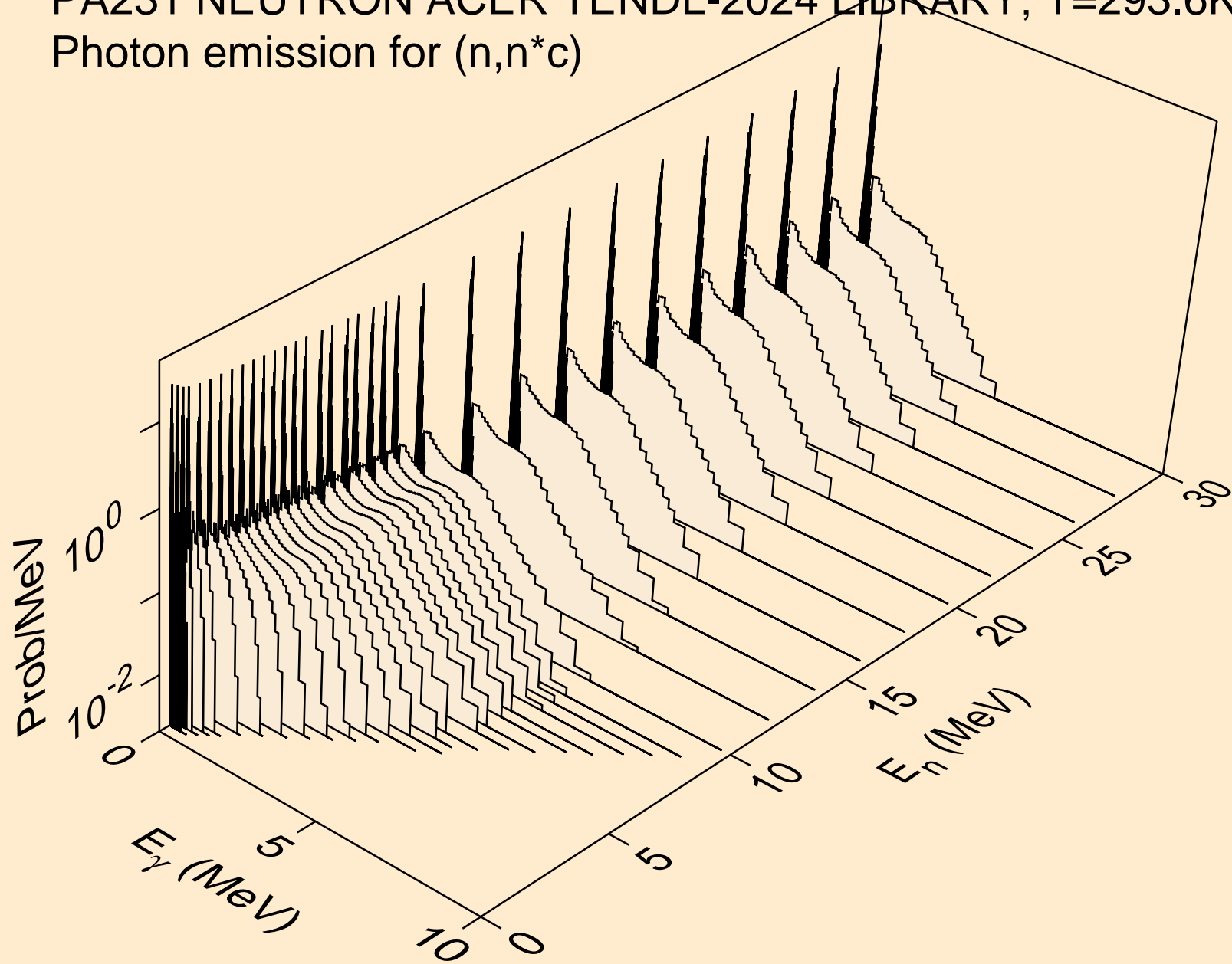
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n2p)



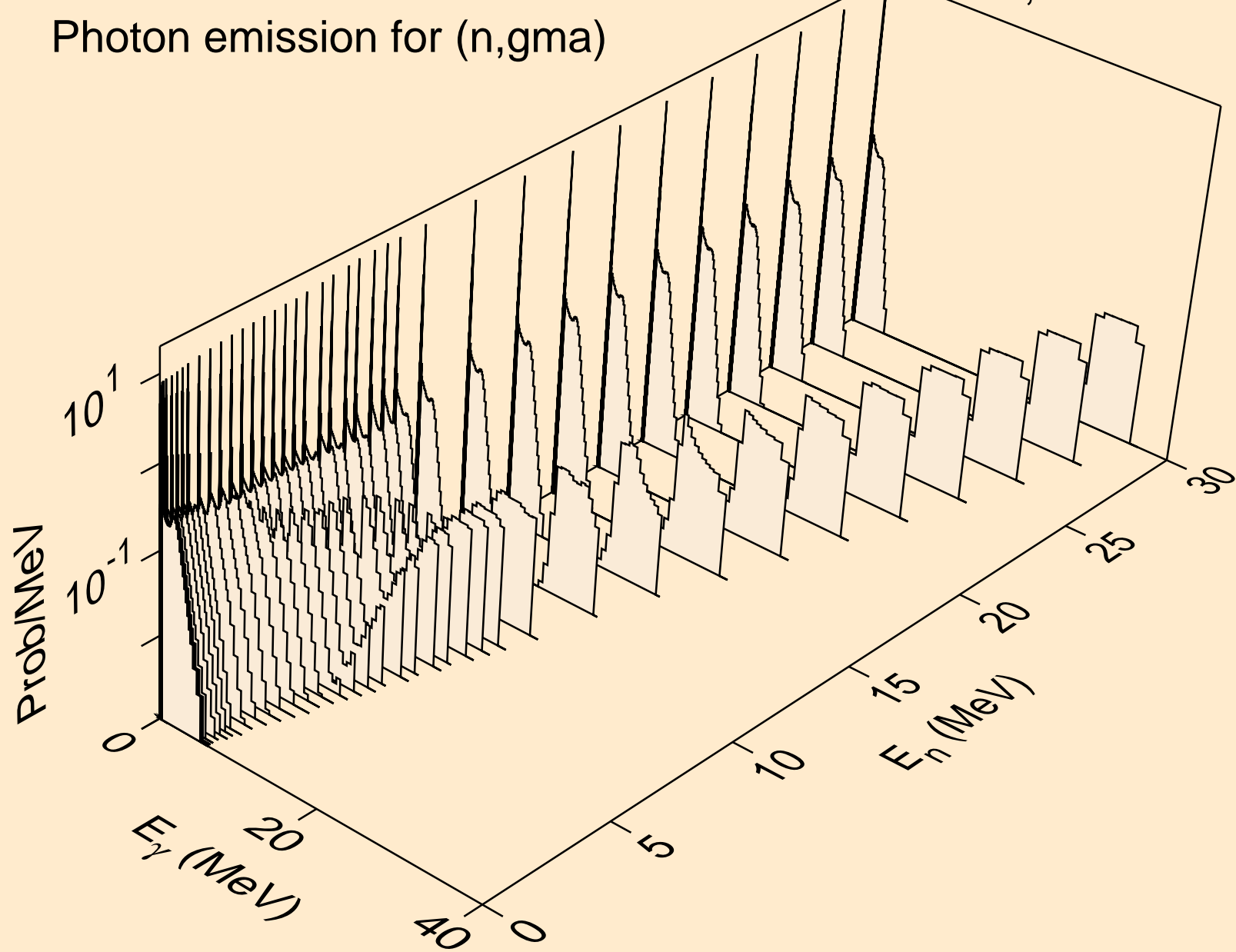
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,npa)



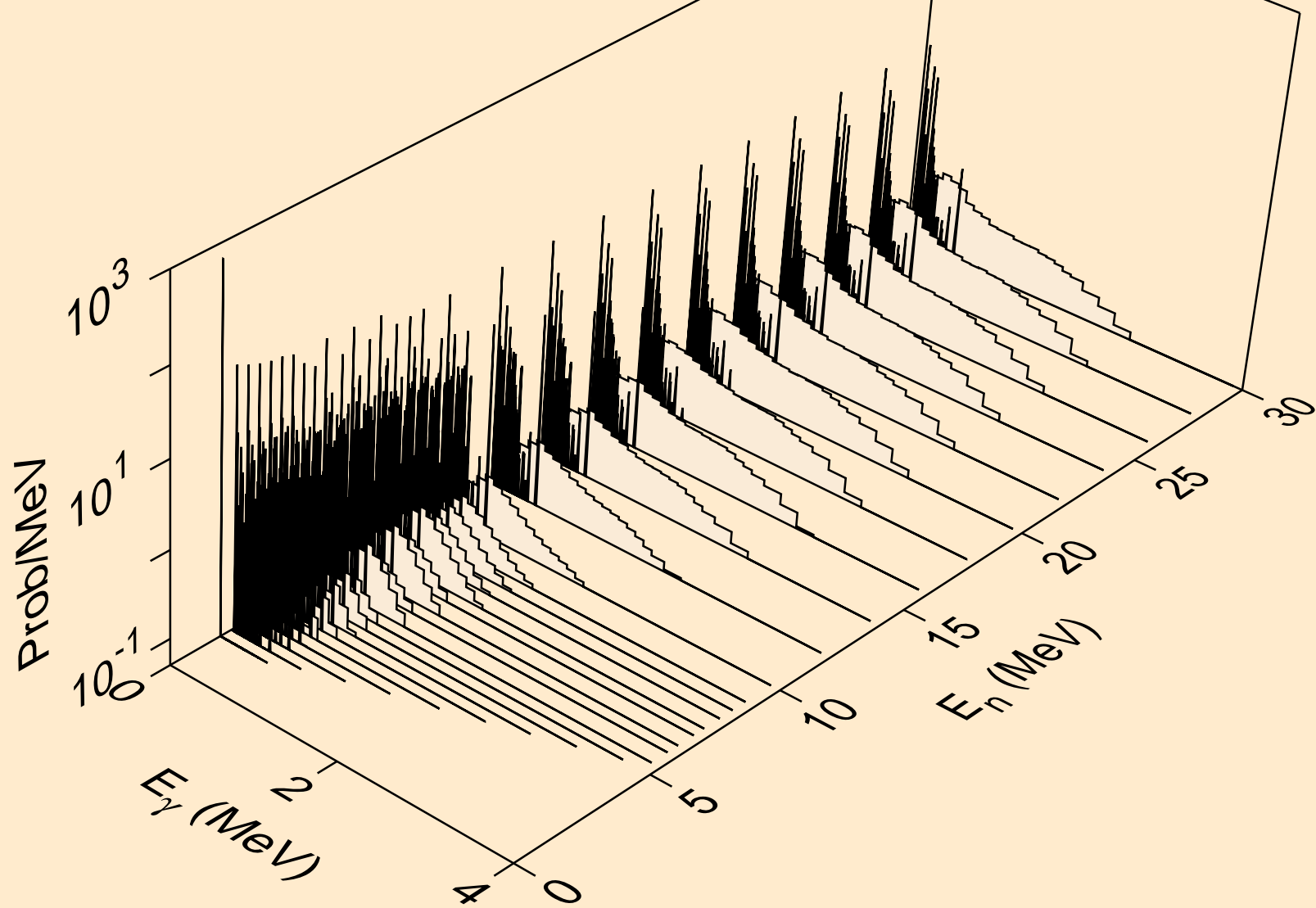
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,n\*c)



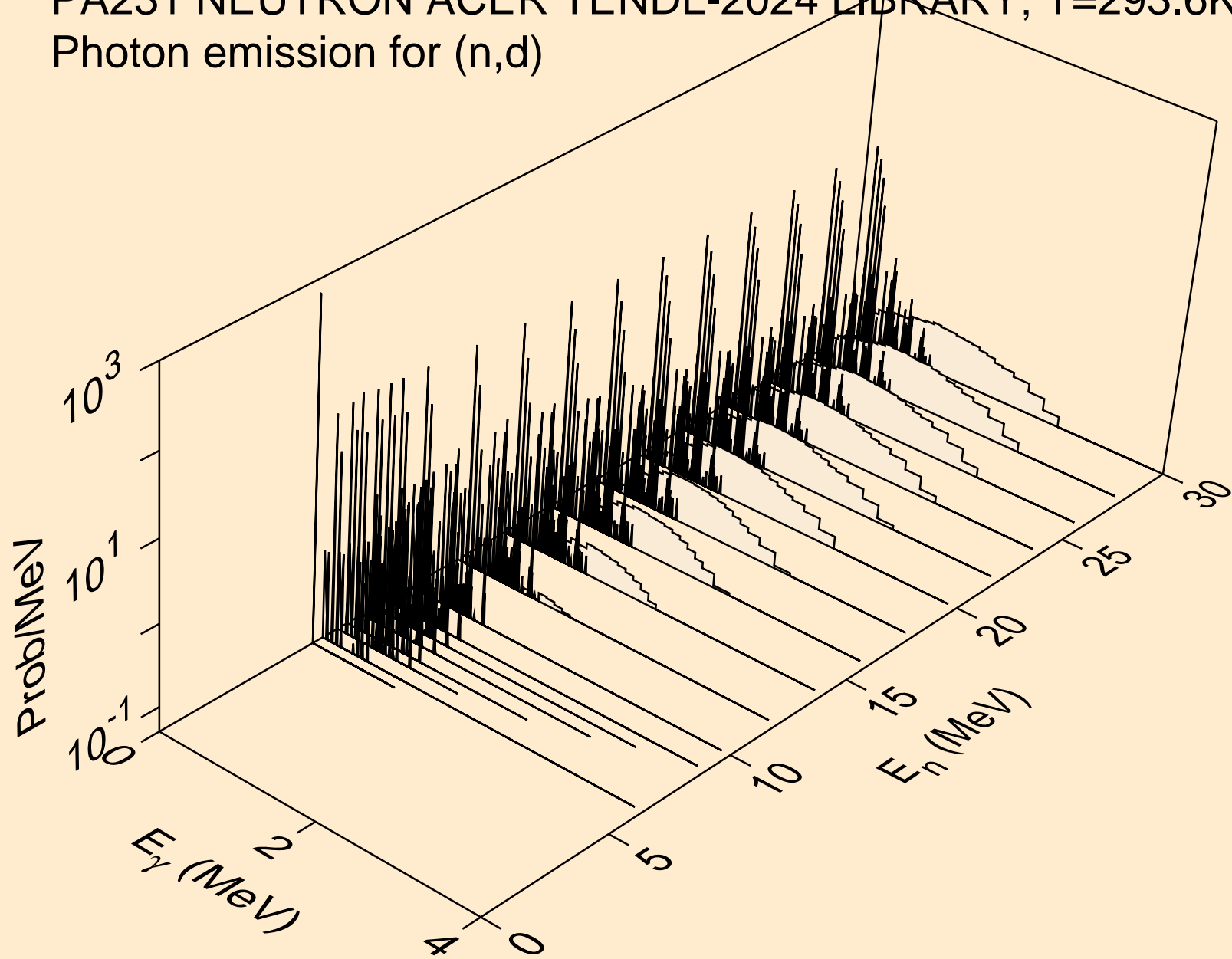
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Photon emission for (n,gma)



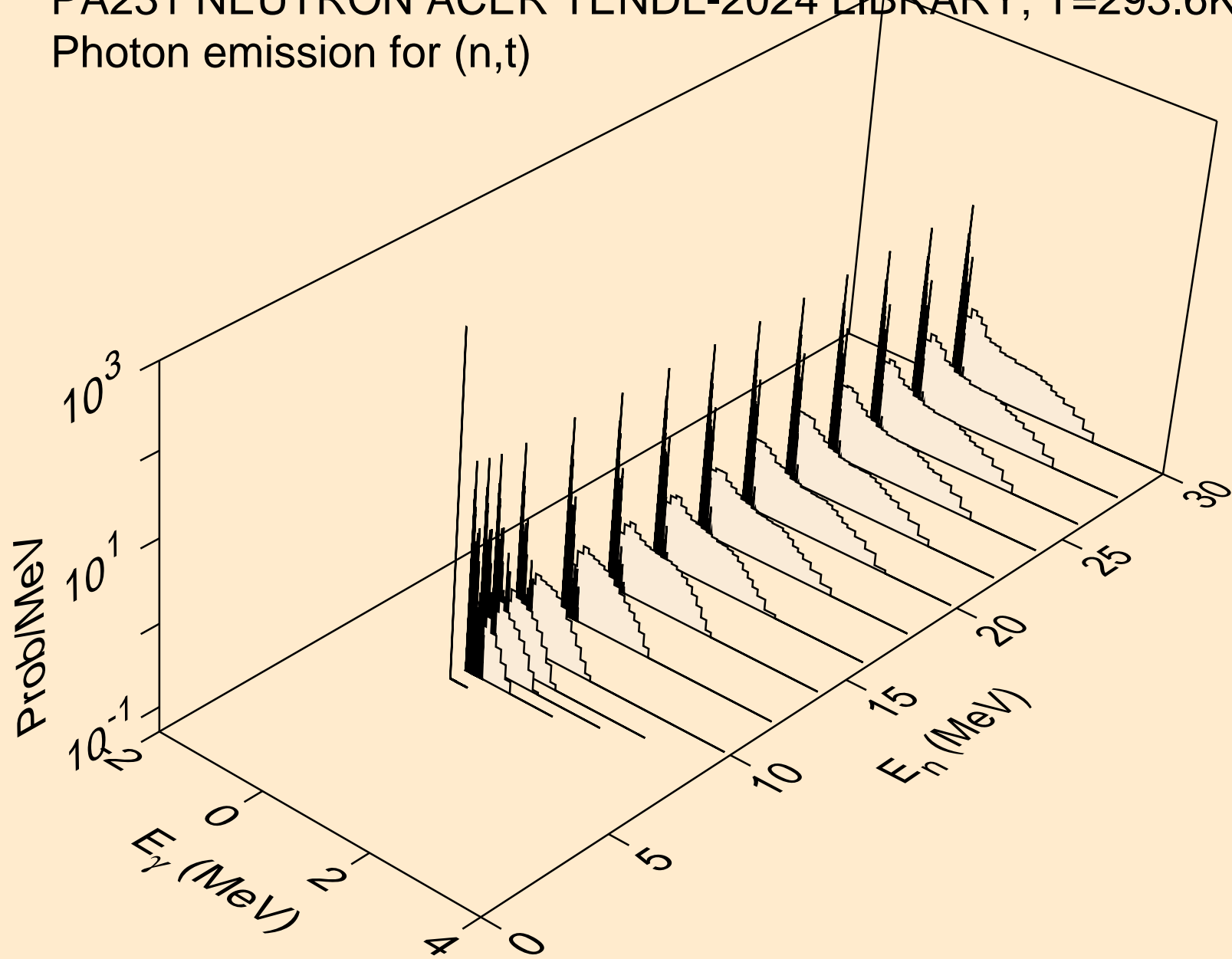
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,p)



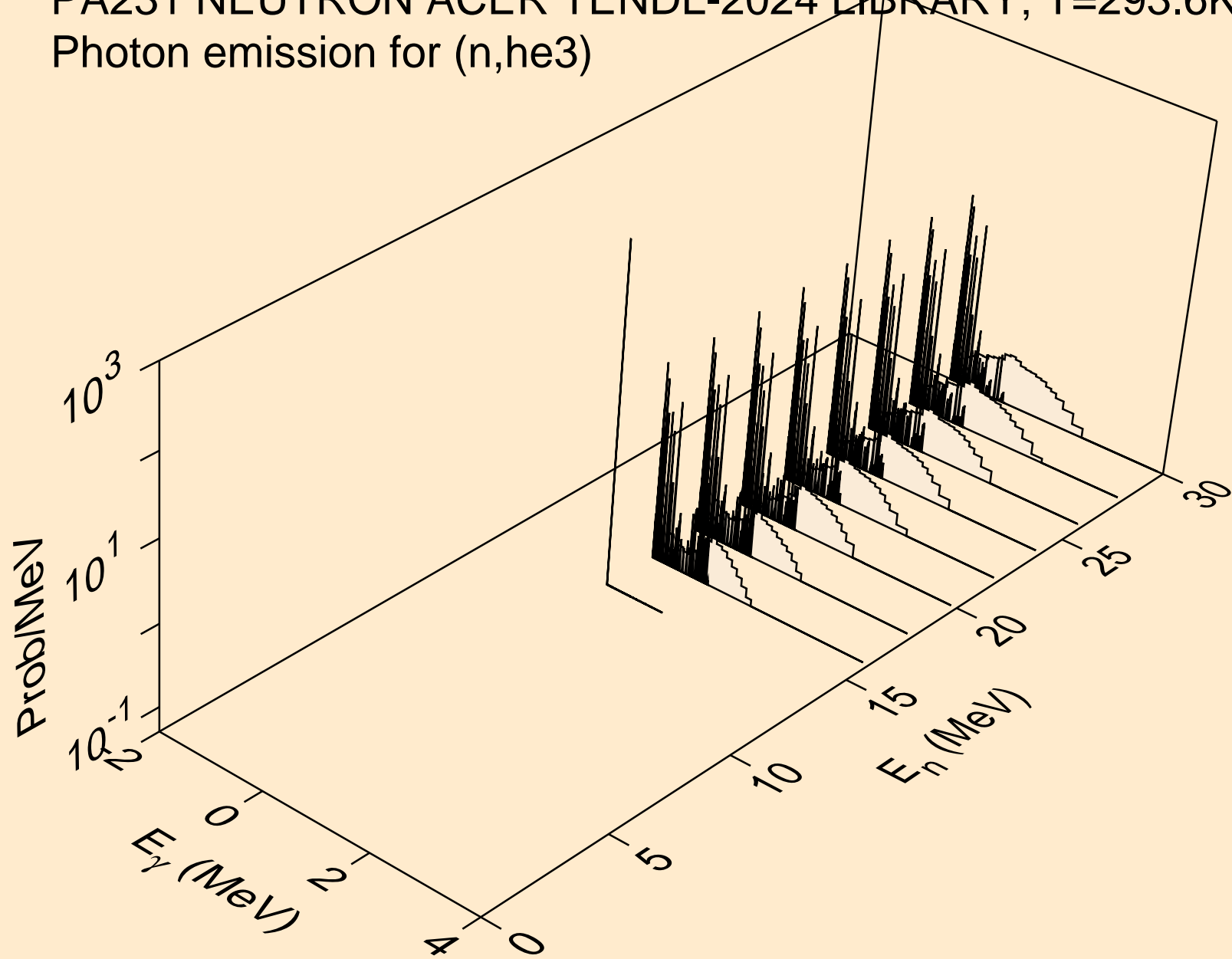
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,d)



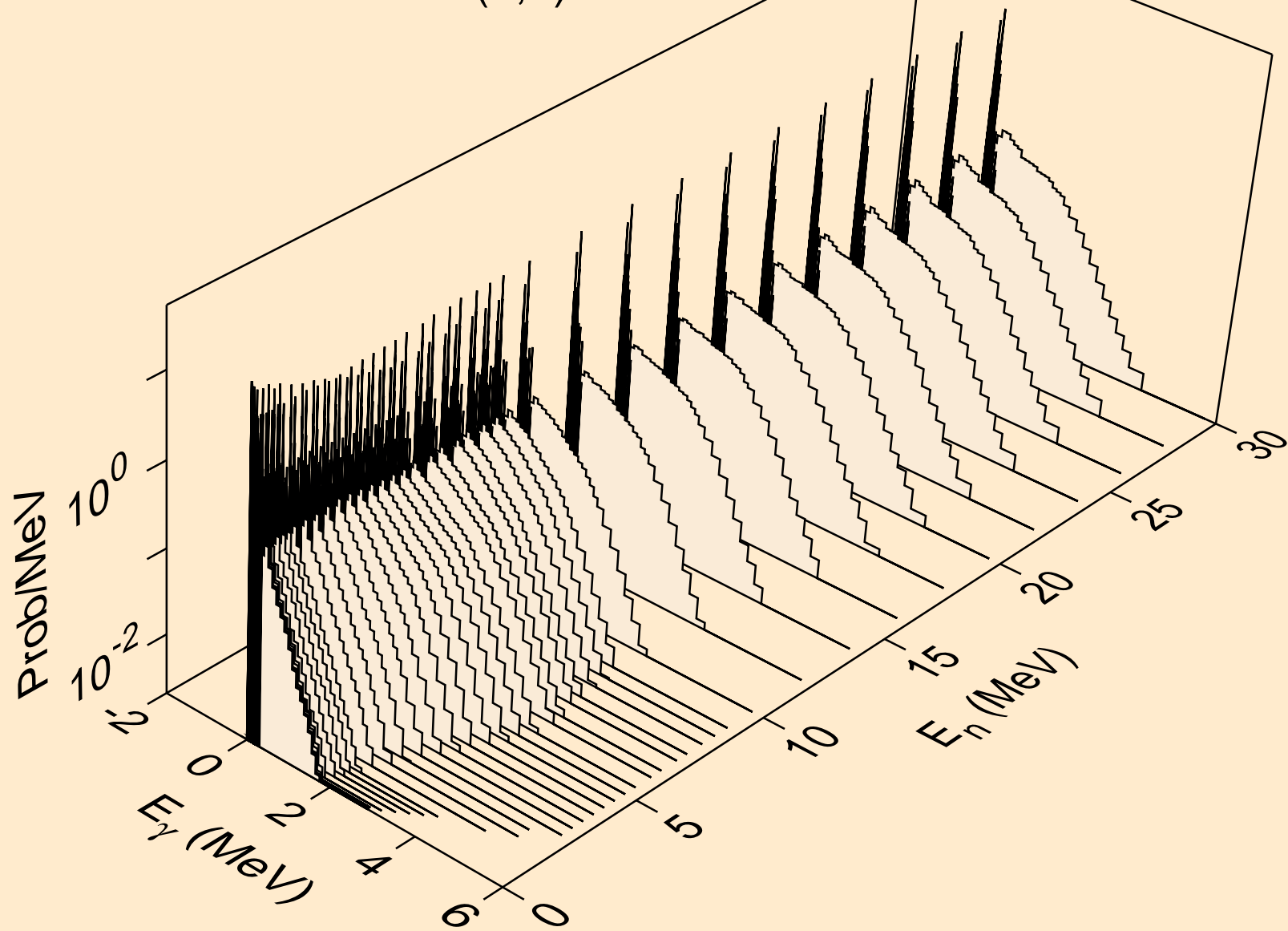
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,t)



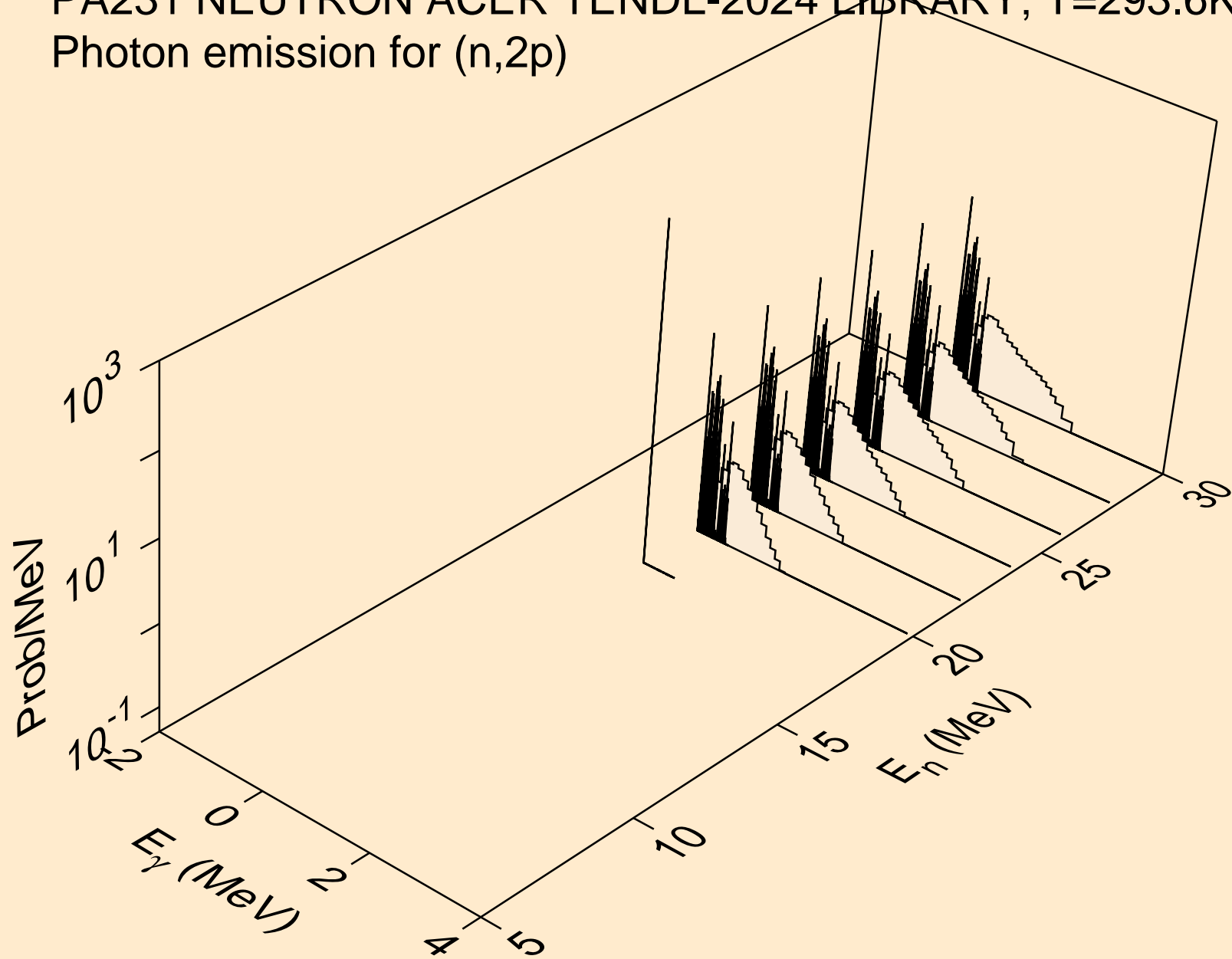
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,he3)



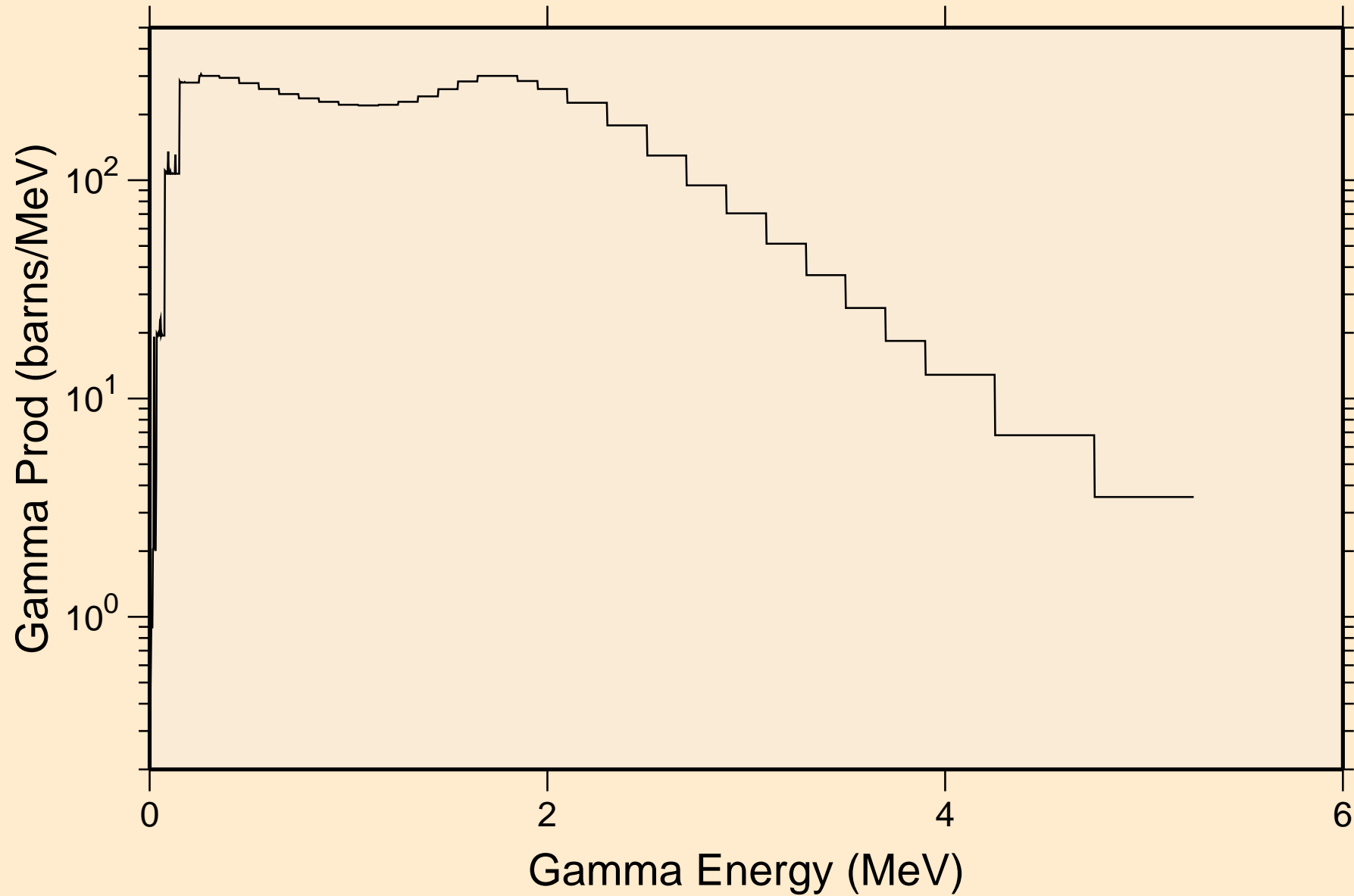
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,a)



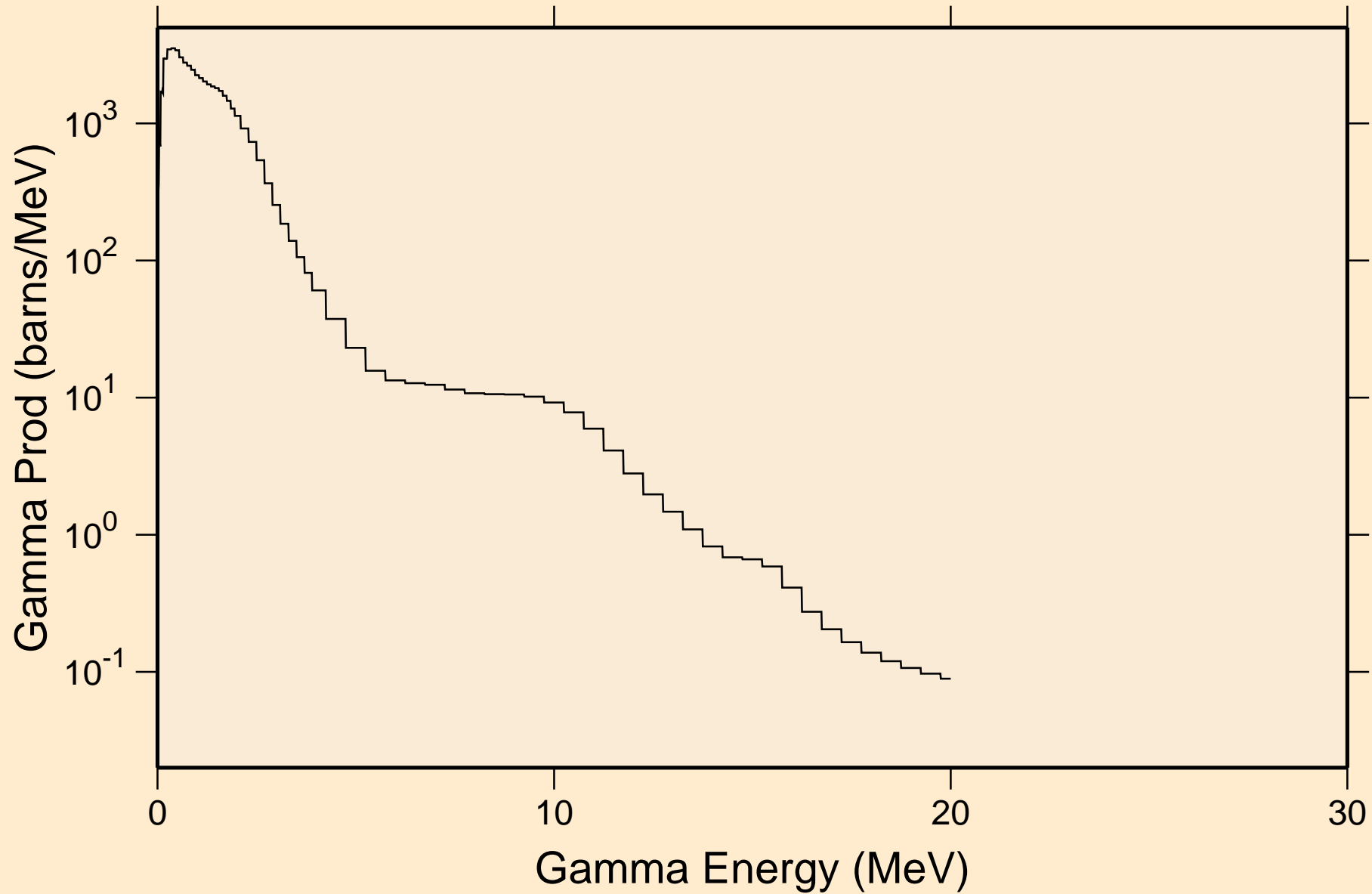
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Photon emission for (n,2p)



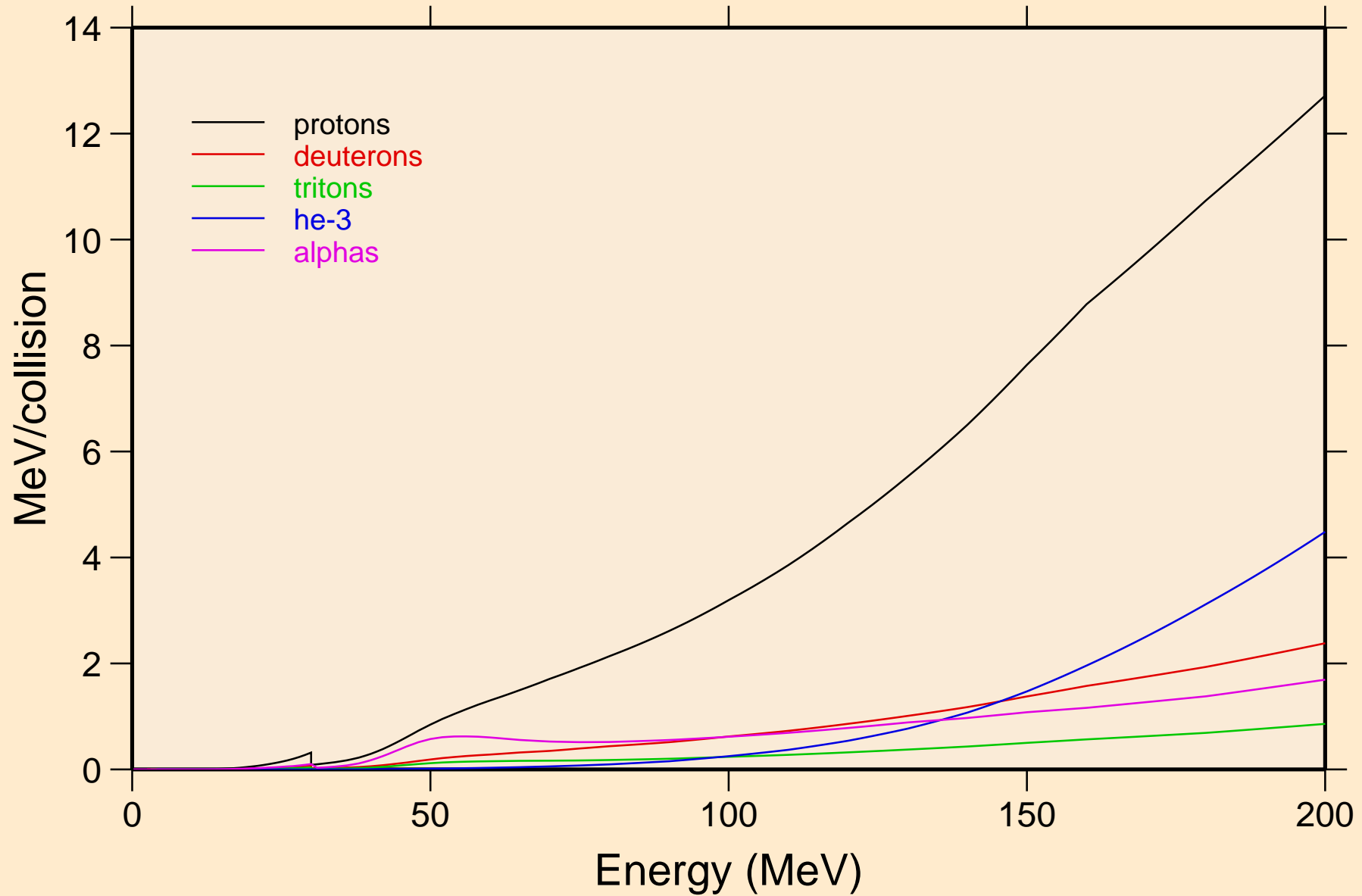
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
thermal capture photon spectrum



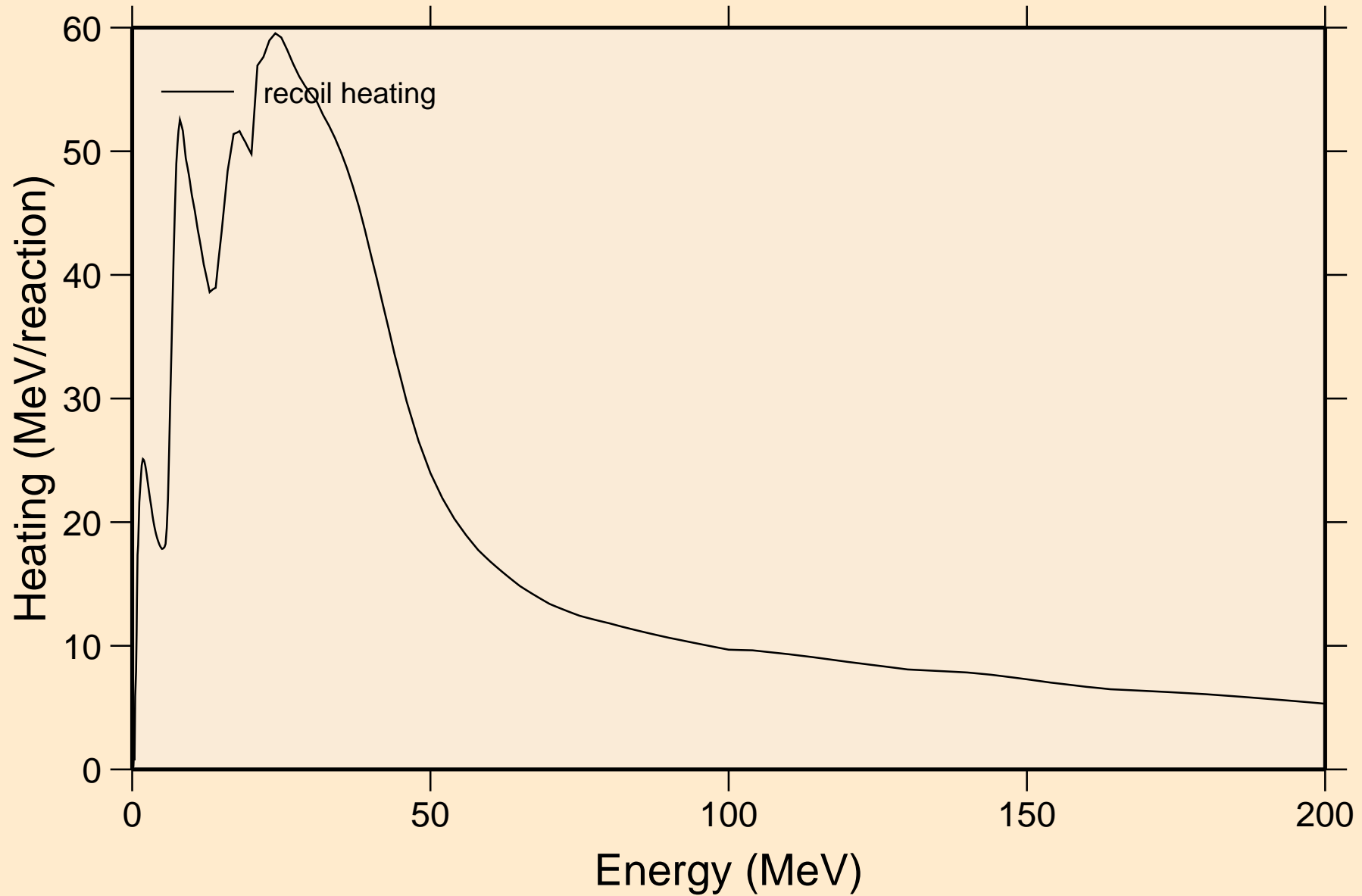
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
14 MeV photon spectrum



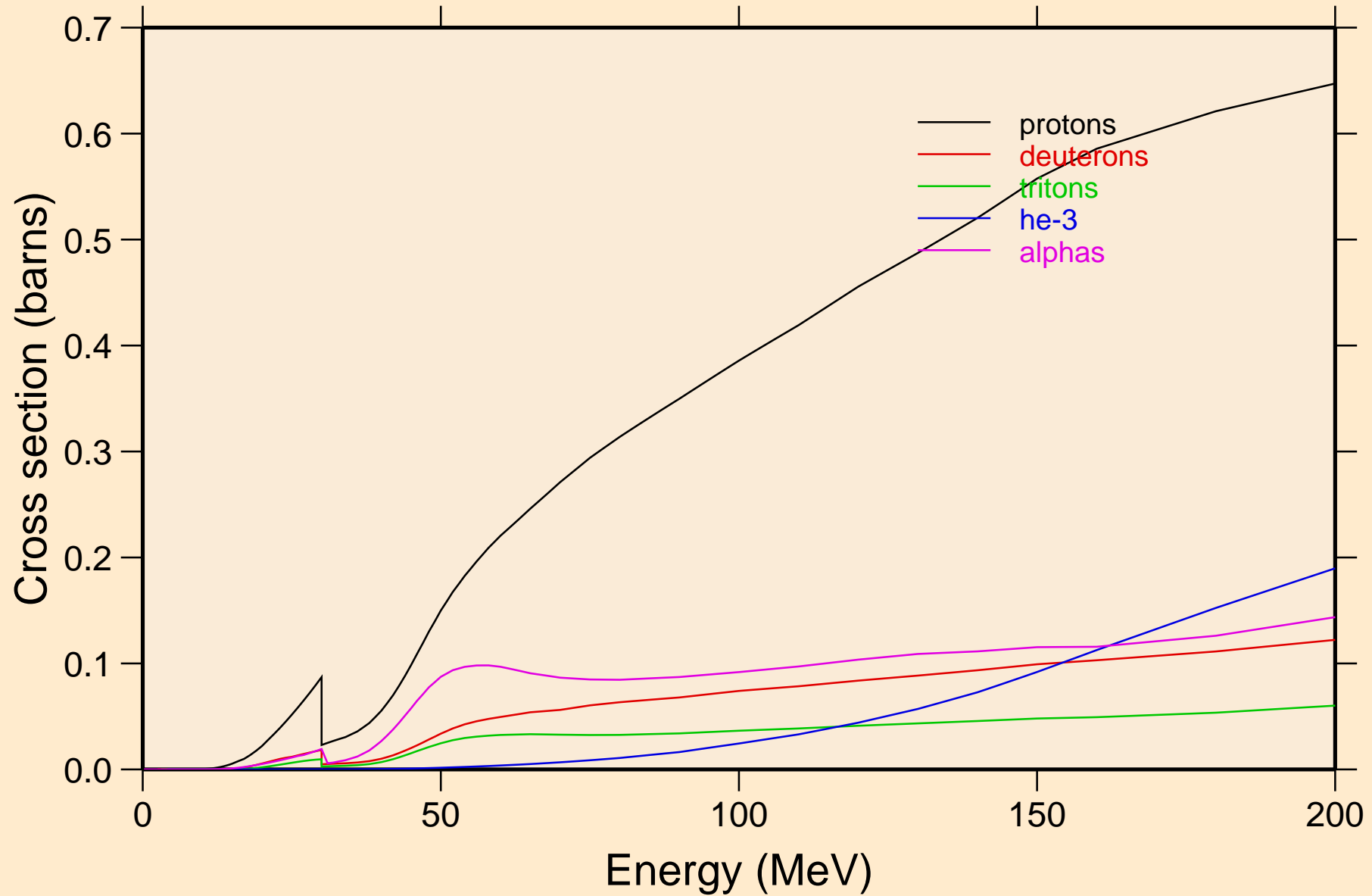
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle heating contributions



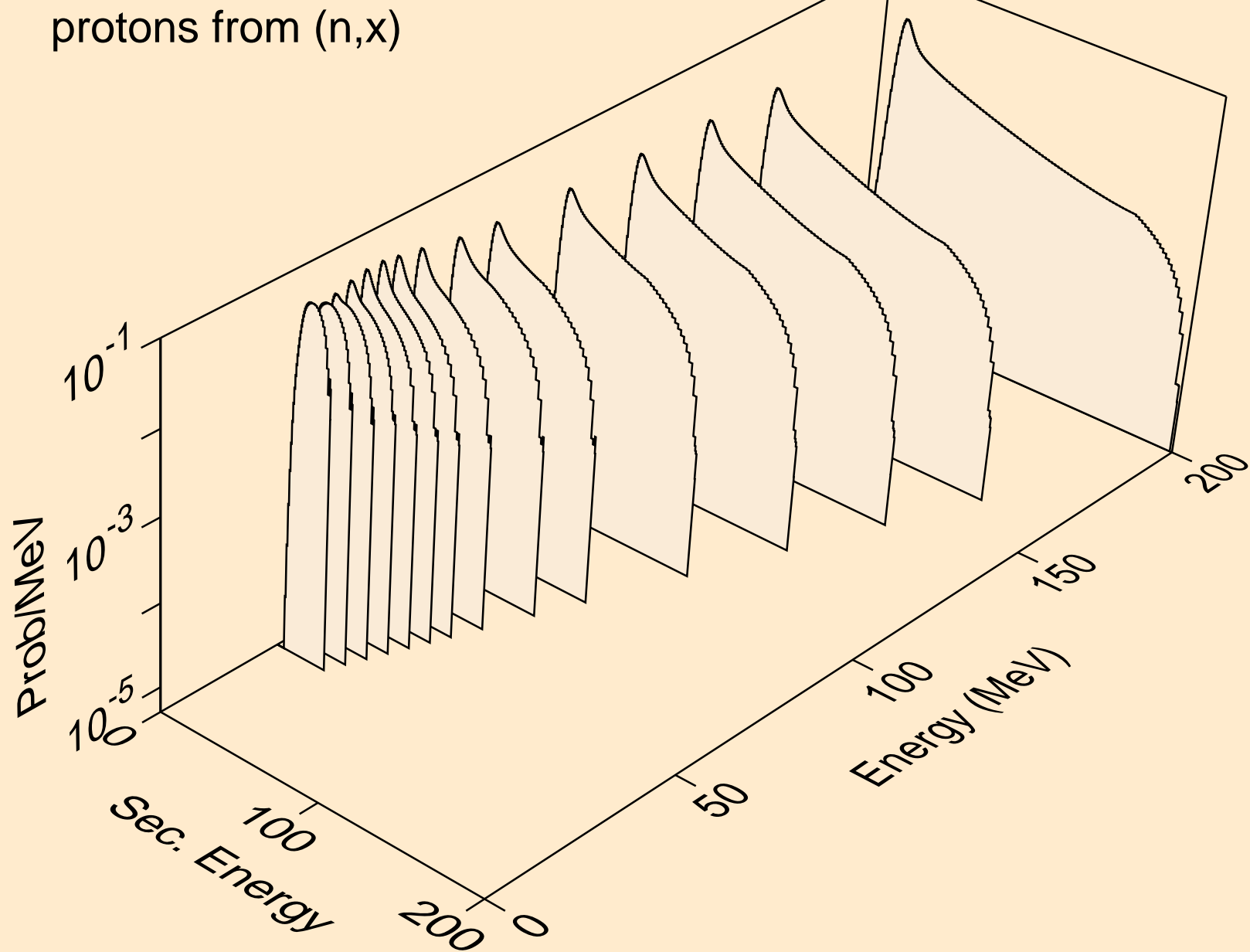
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Recoil Heating



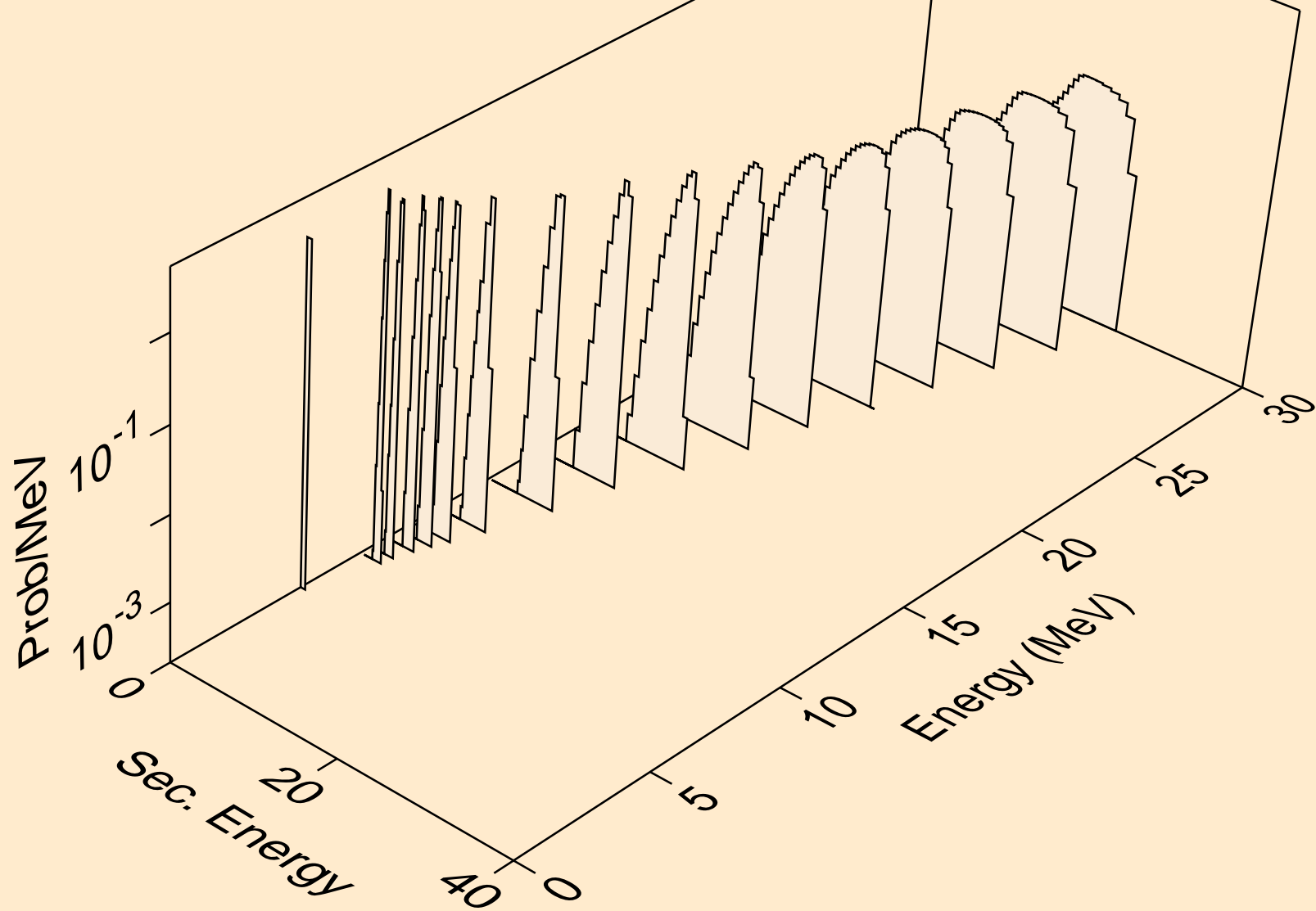
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
Particle production cross sections



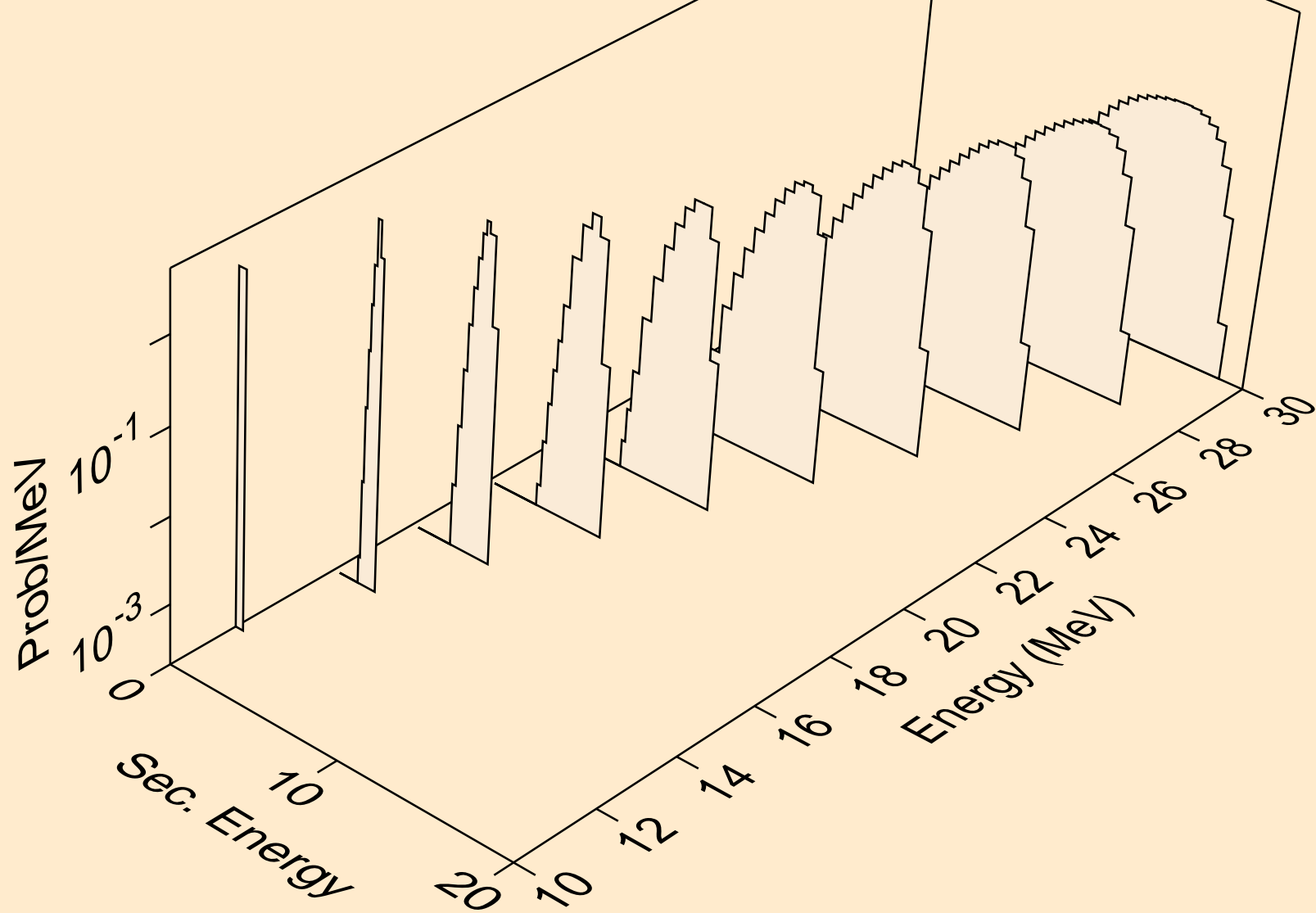
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,x)



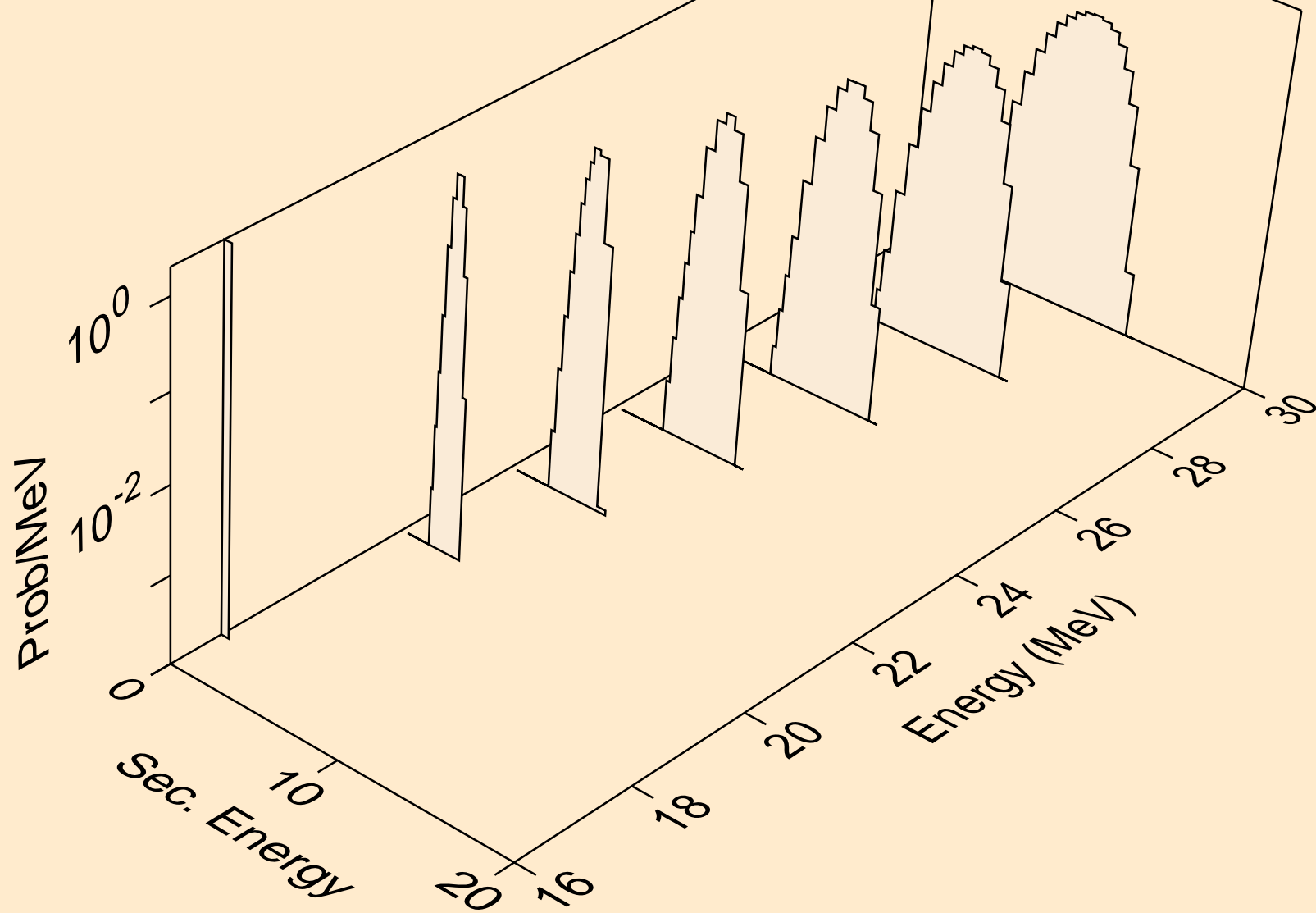
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
protons from (n,n\*)p



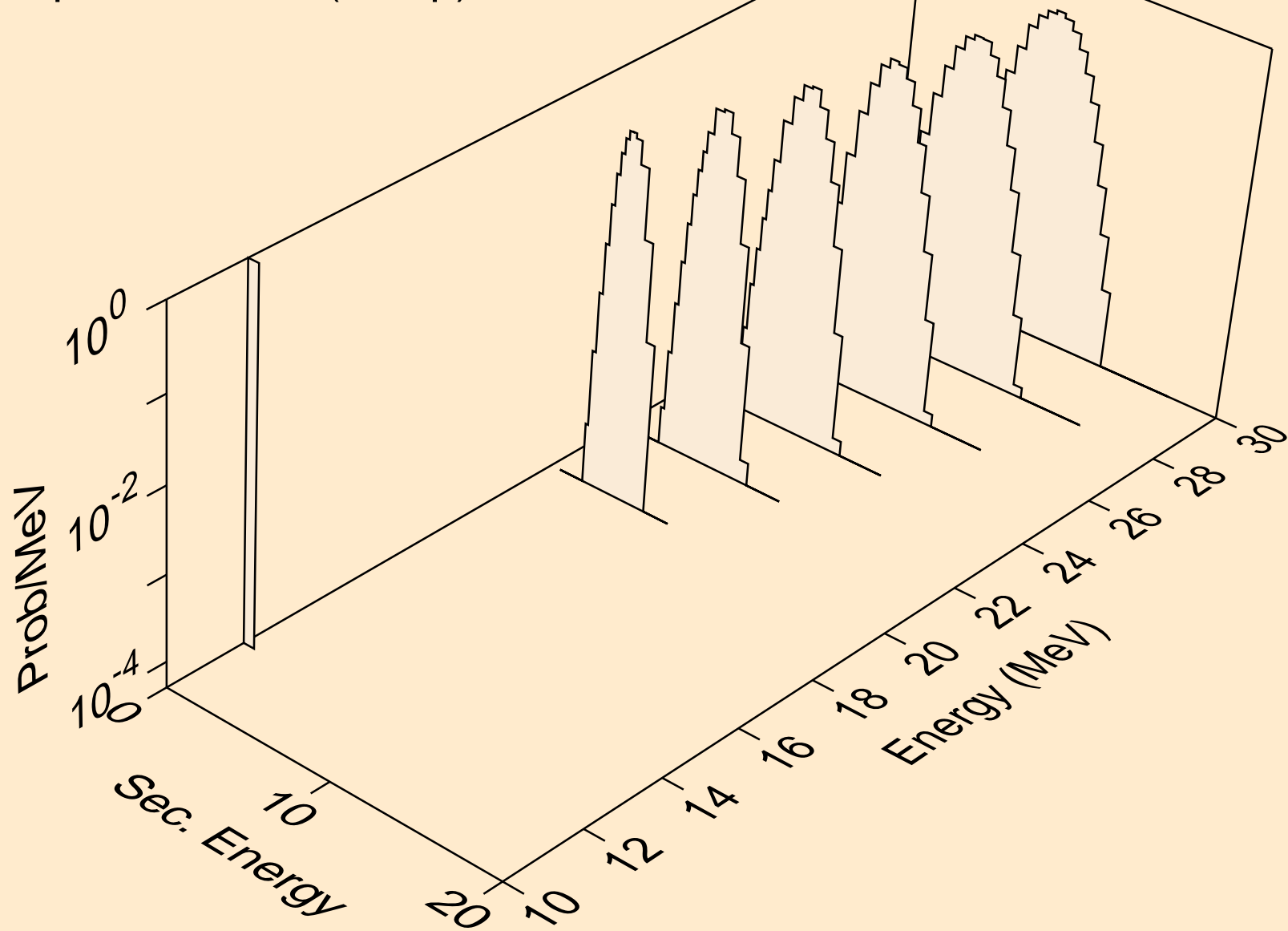
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protons from (n,2np)



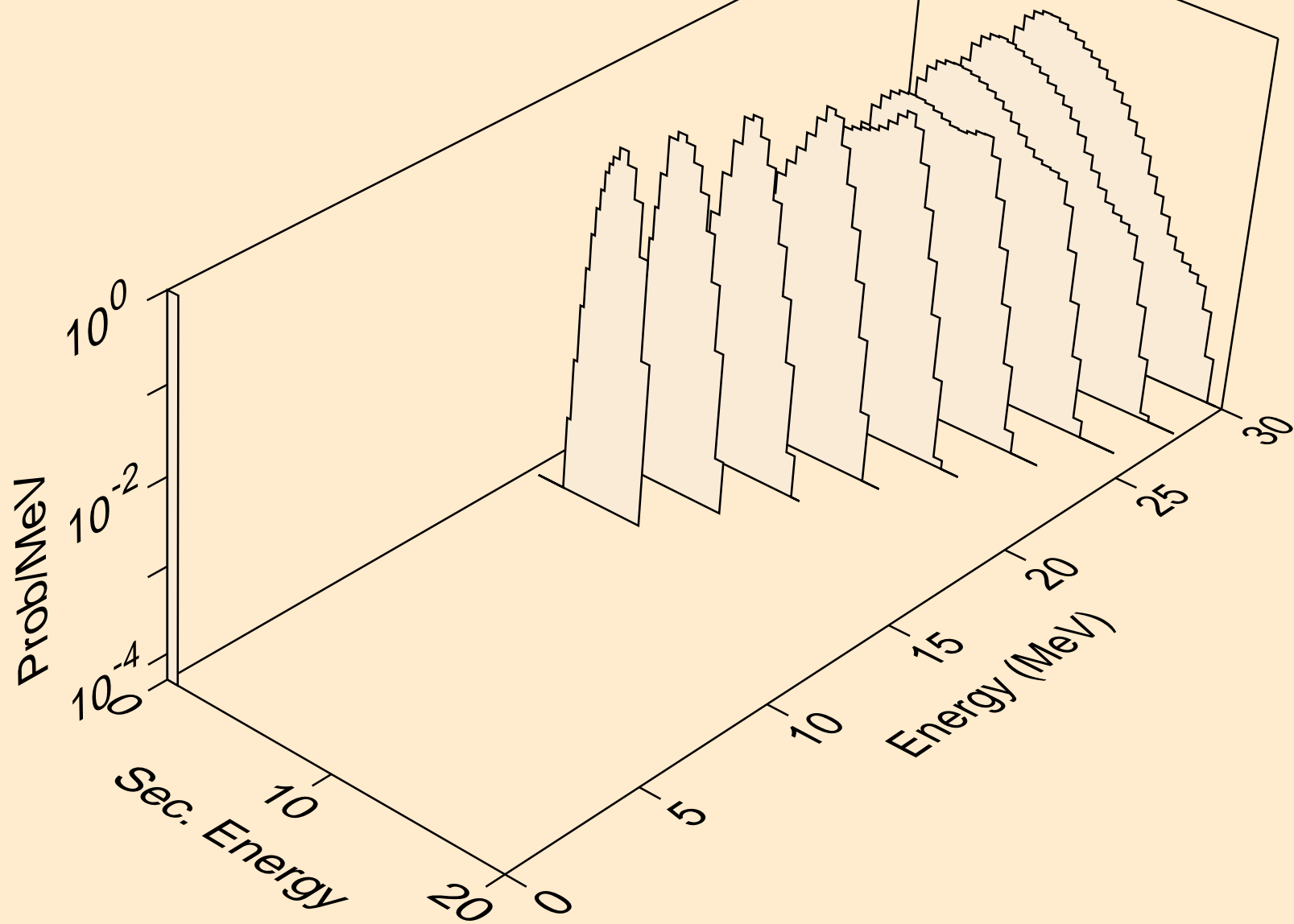
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protons from (n,3np)



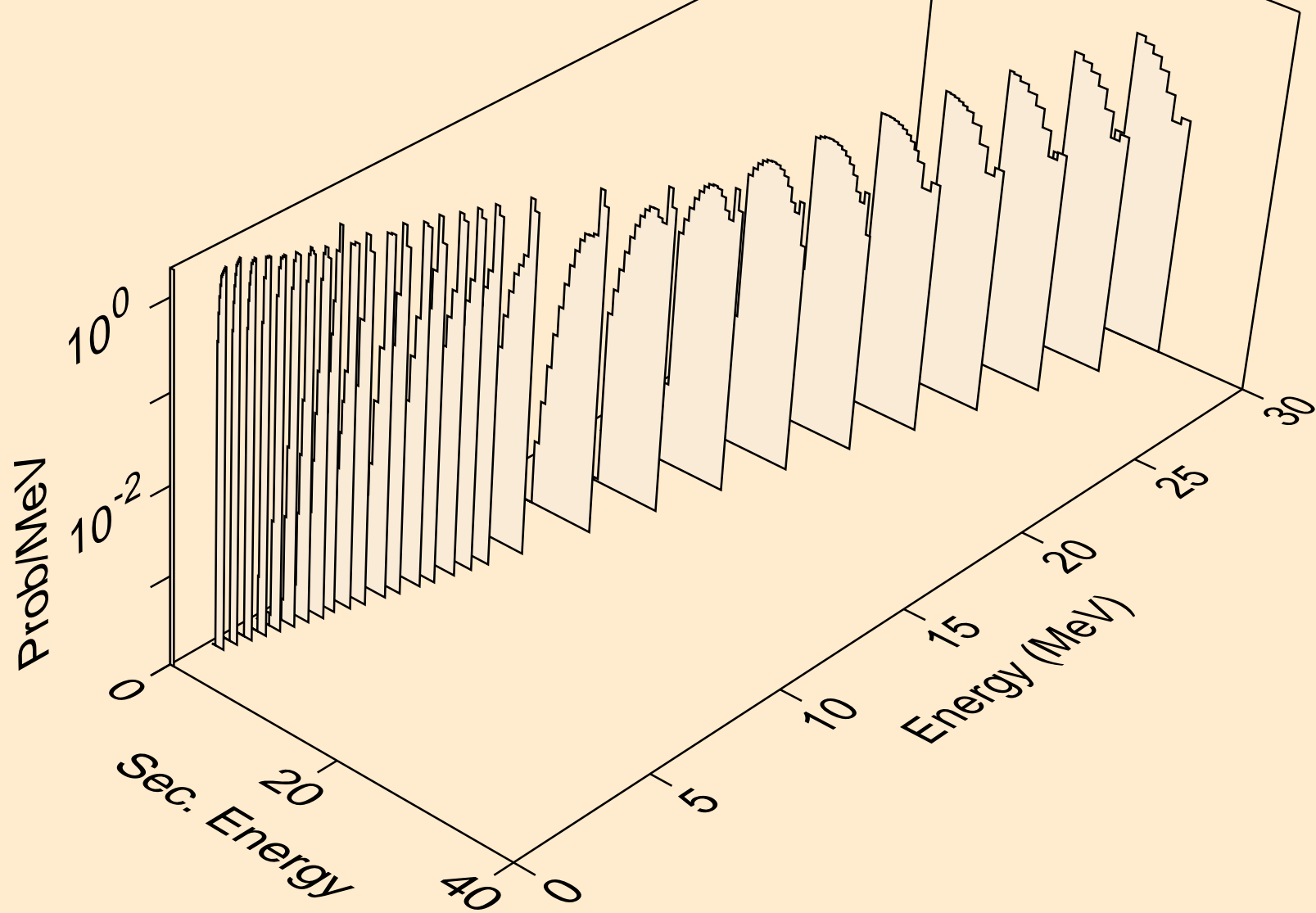
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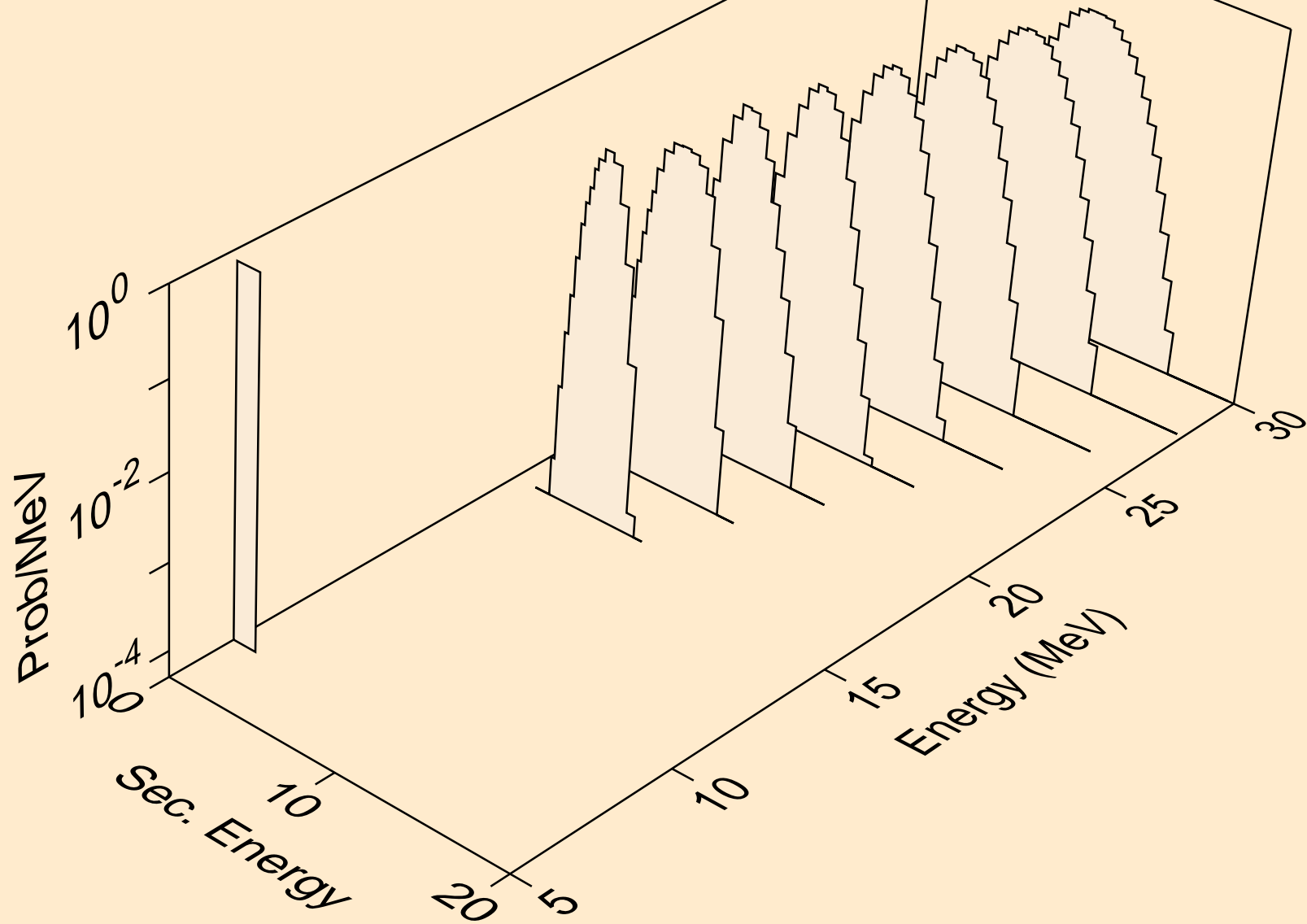
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protons from (n,npa)



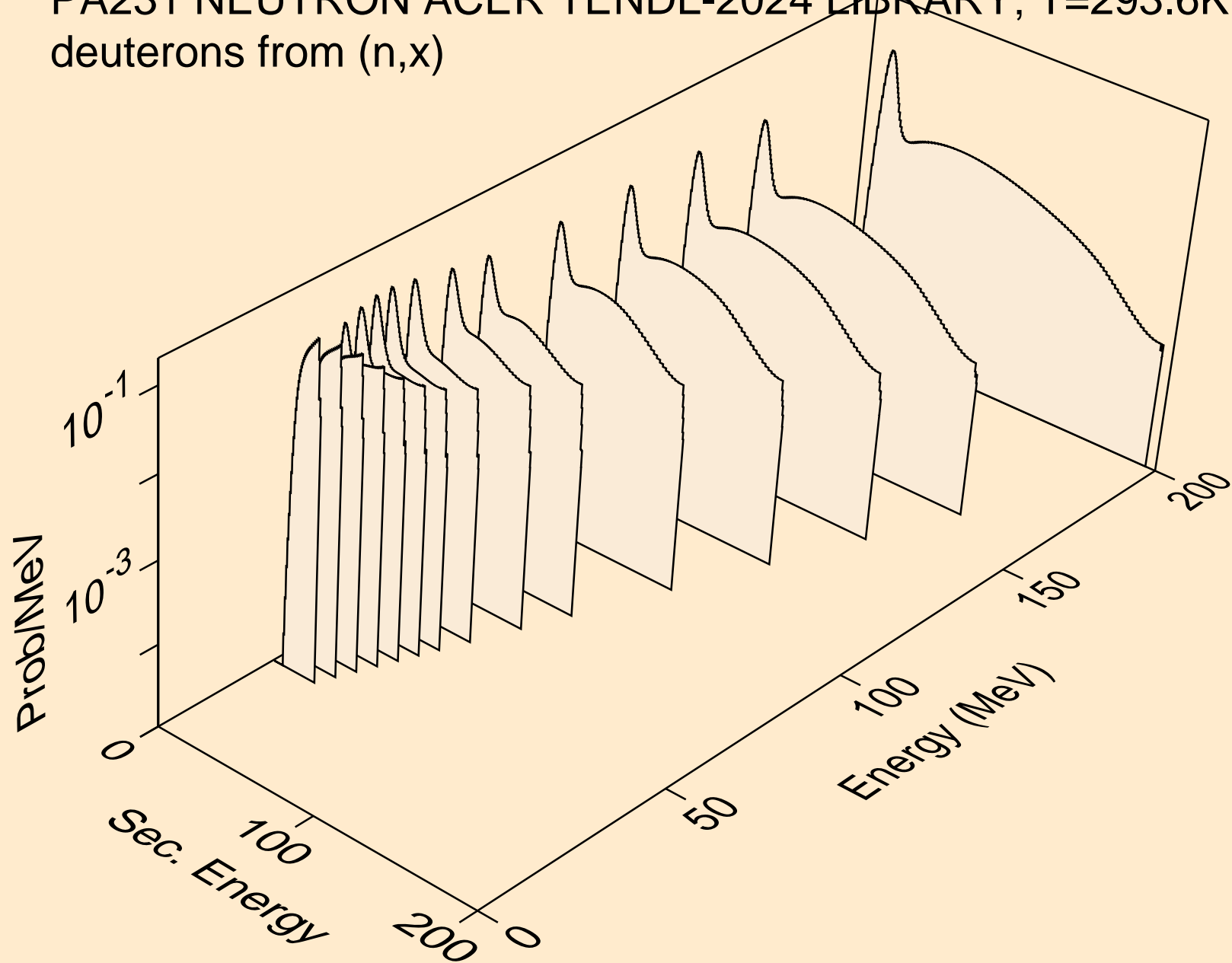
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protons from (n,p)



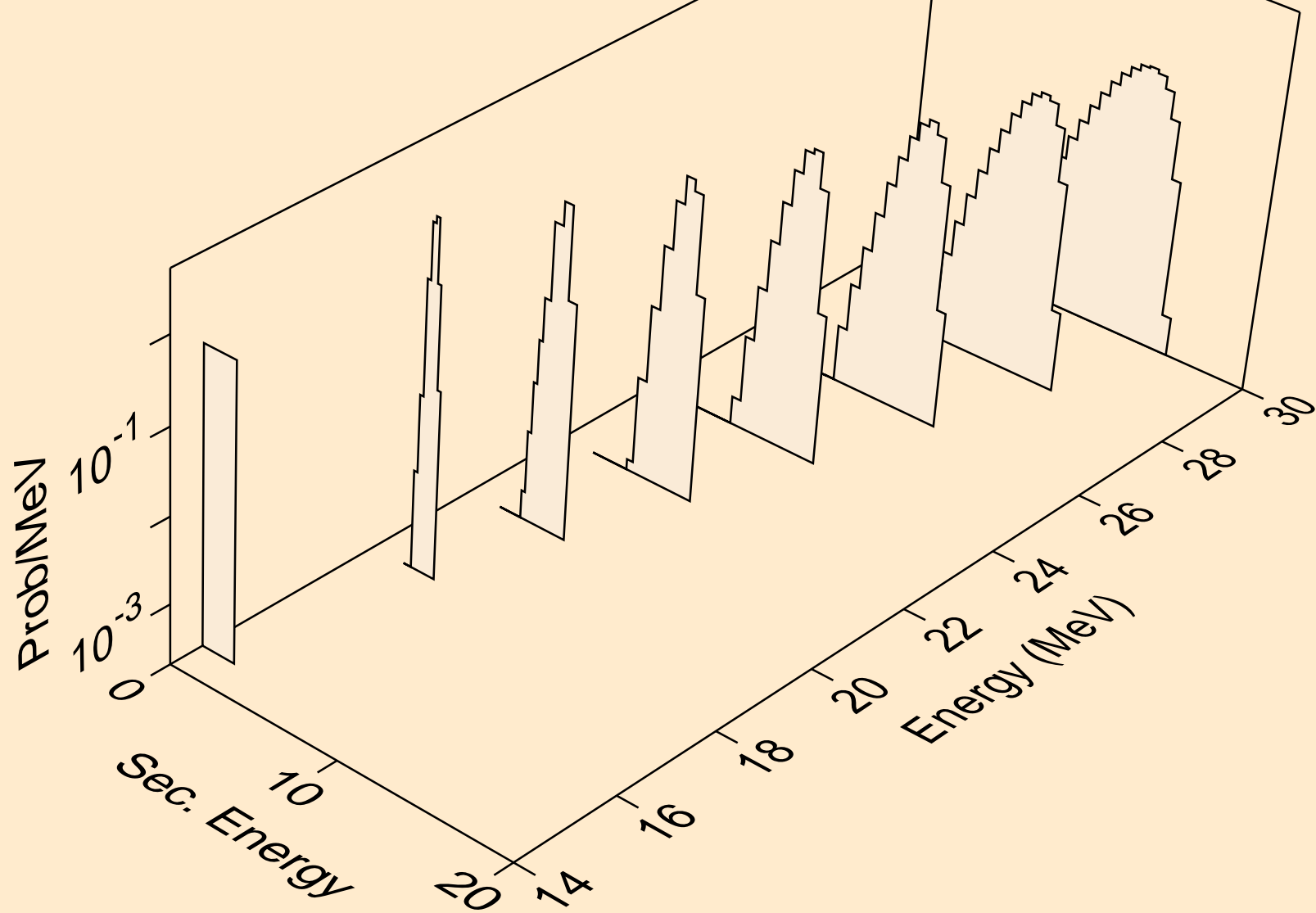
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protons from (n,2p)



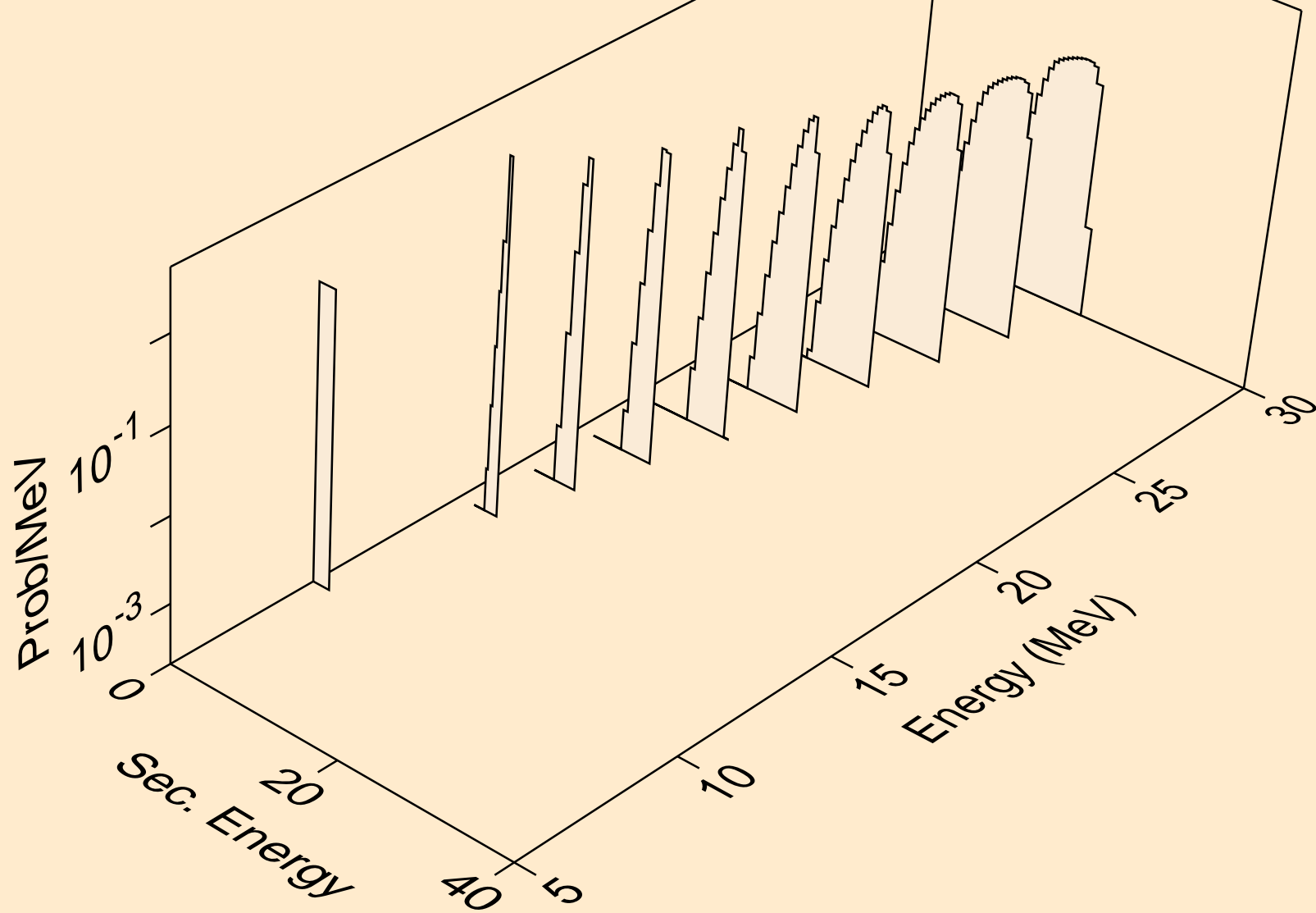
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,x)



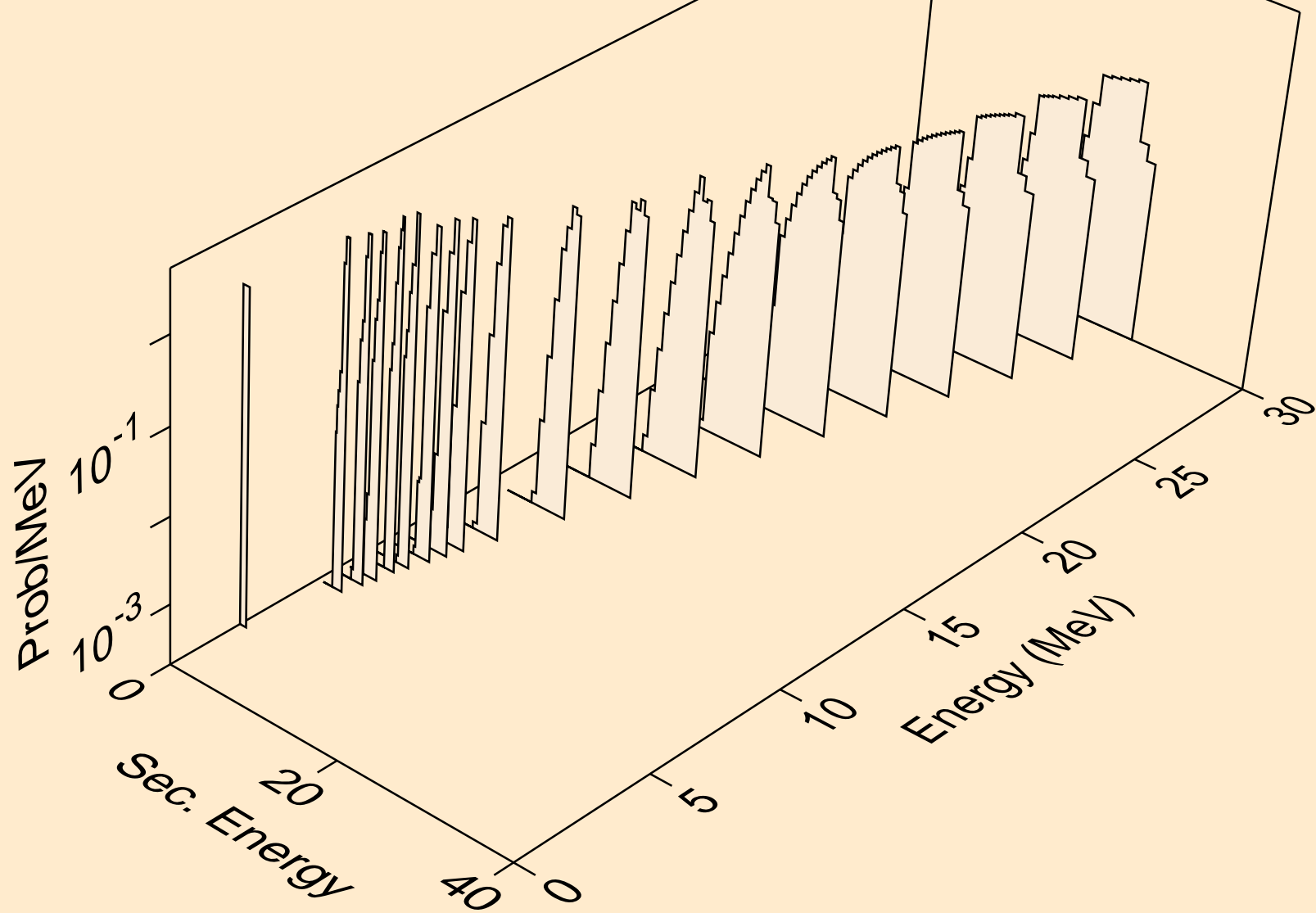
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deuterons from (n,2nd)



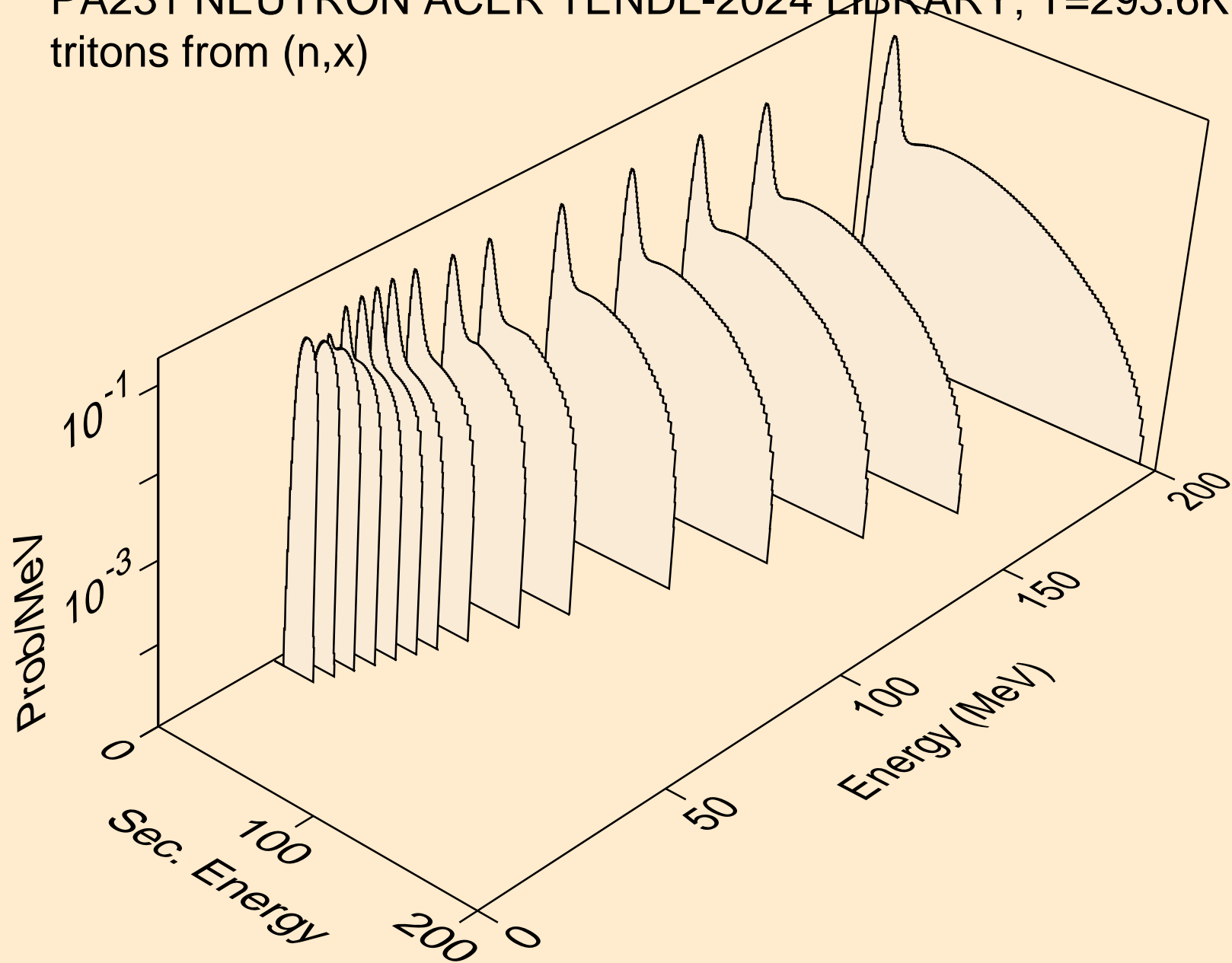
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,n\*)d



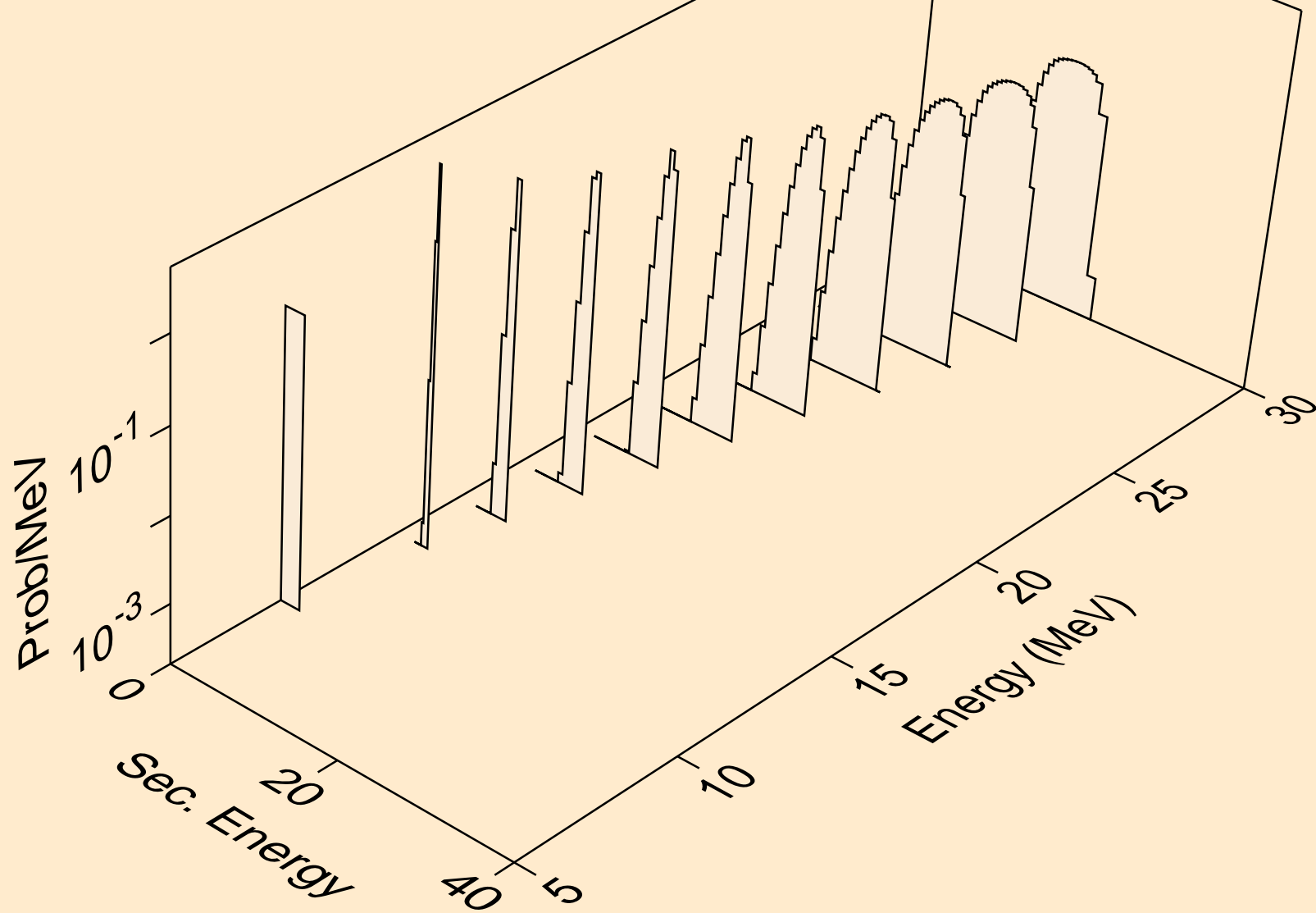
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
deuterons from (n,d)



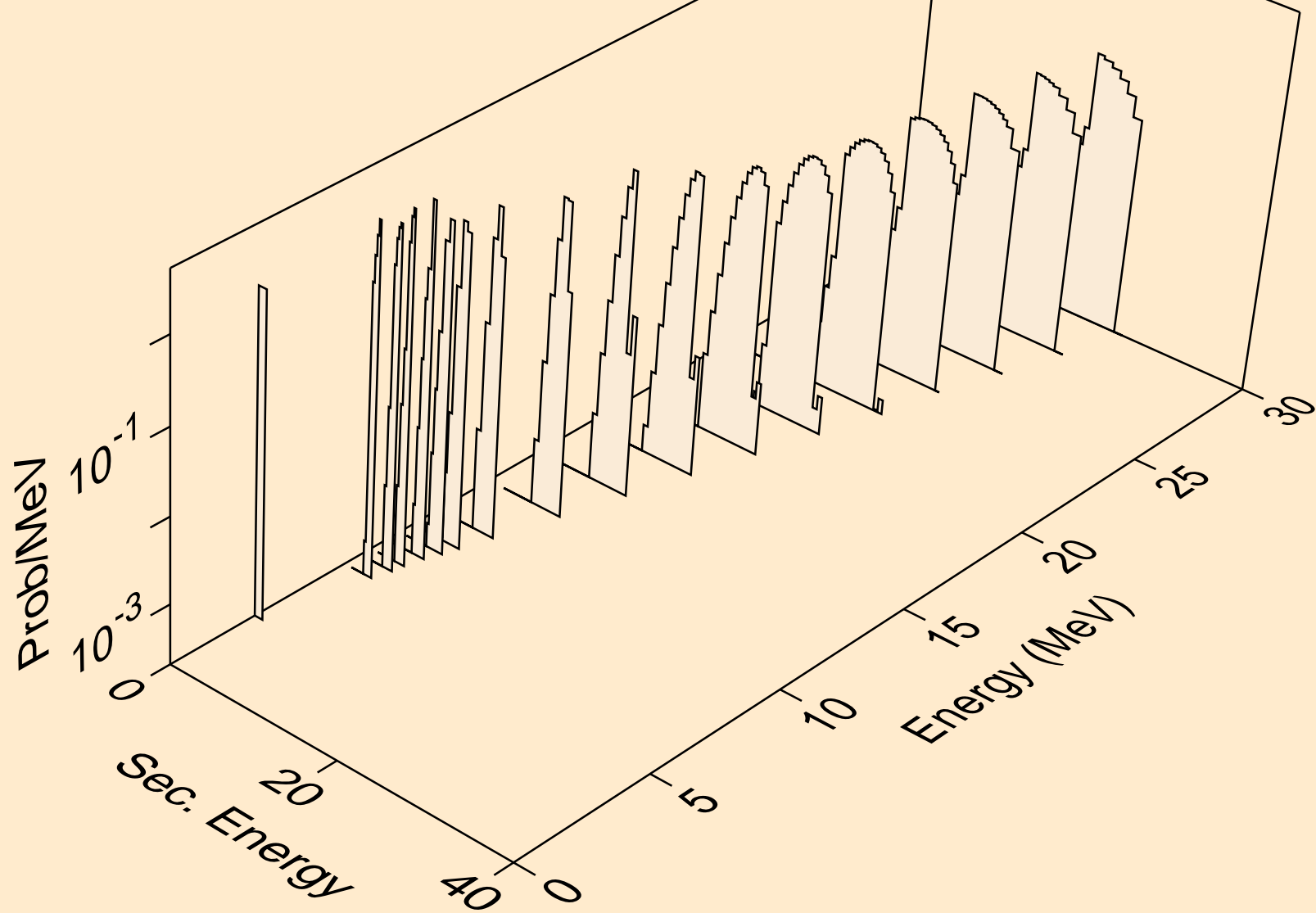
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,x)



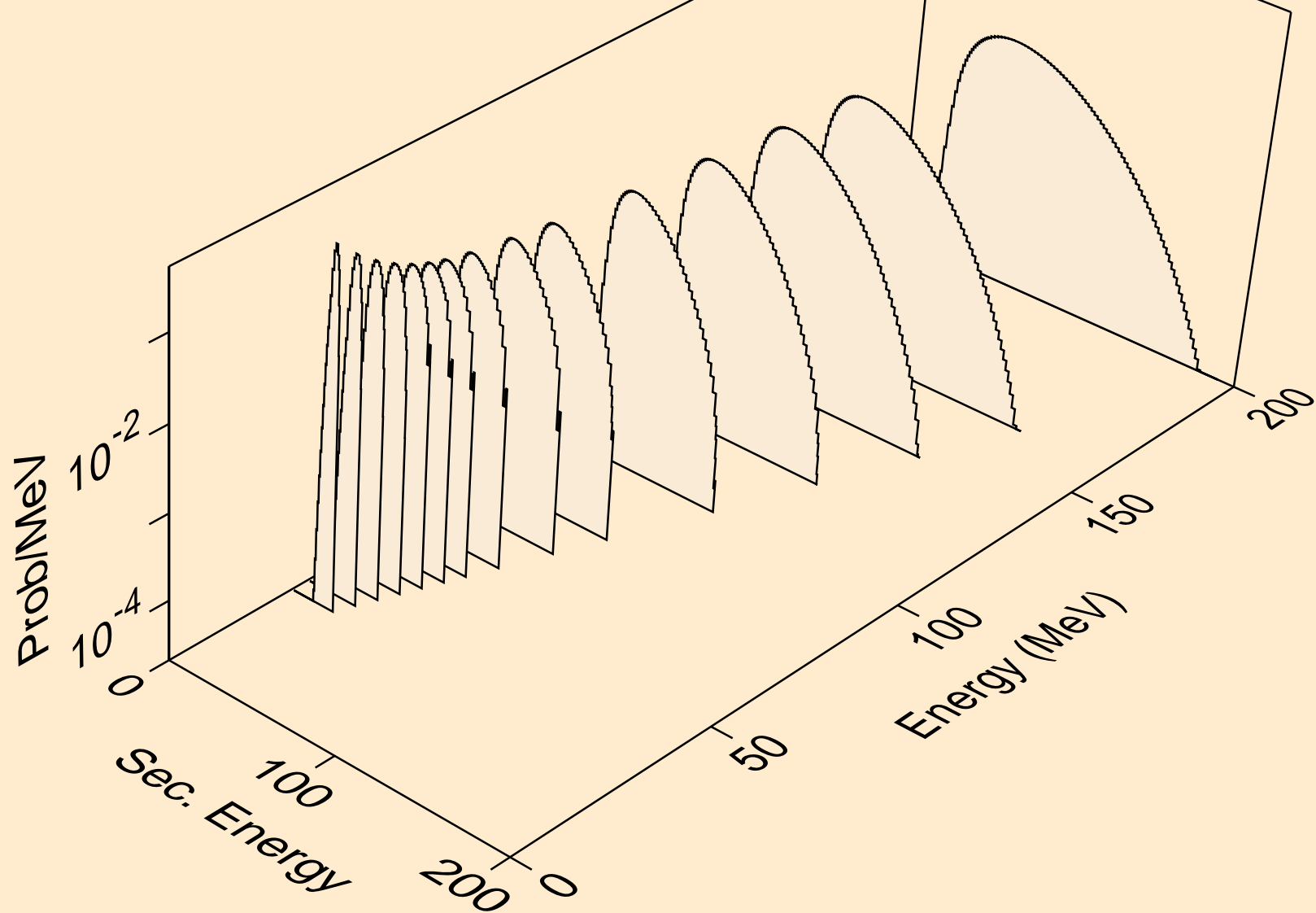
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,n\*)t



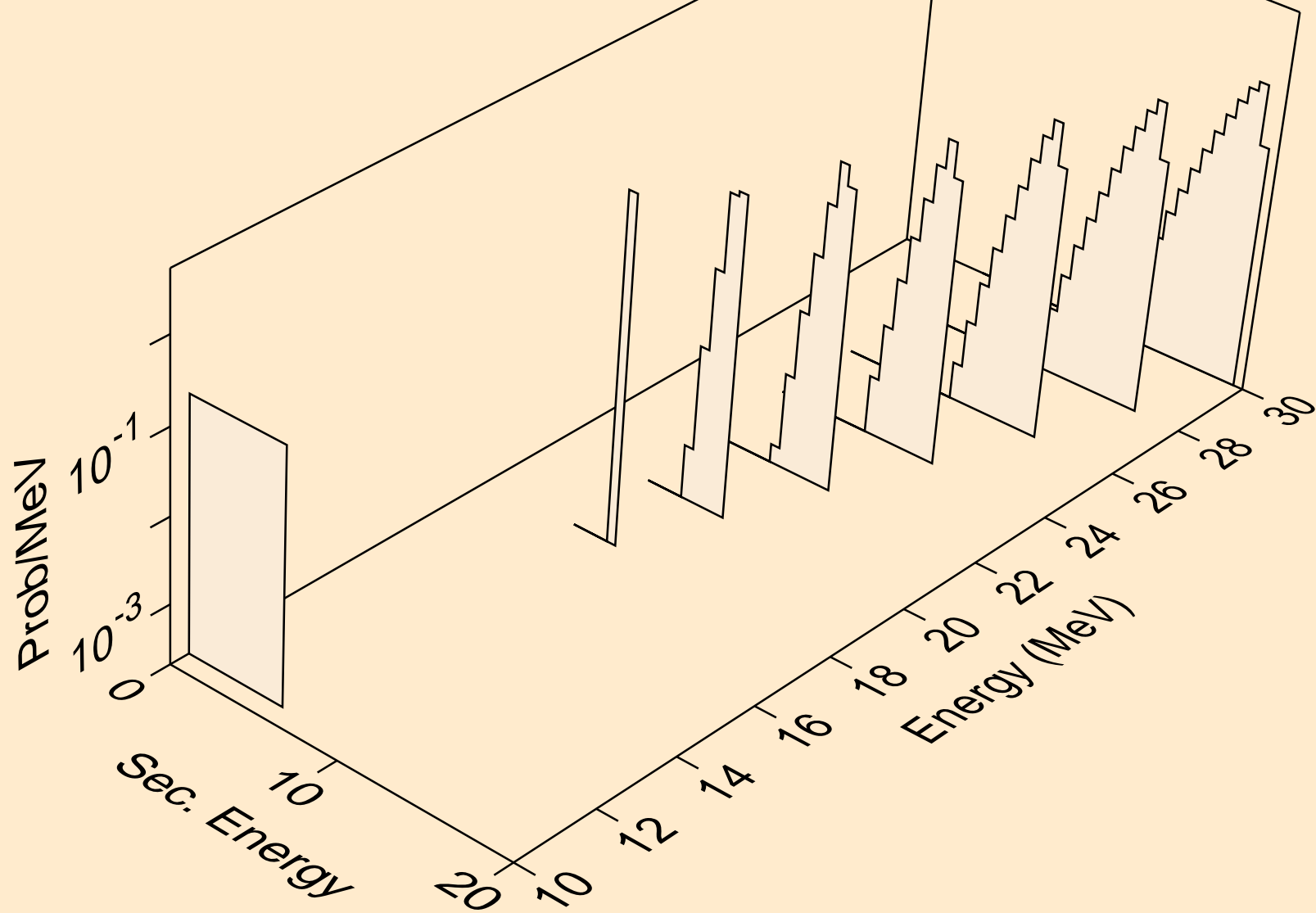
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
tritons from (n,t)



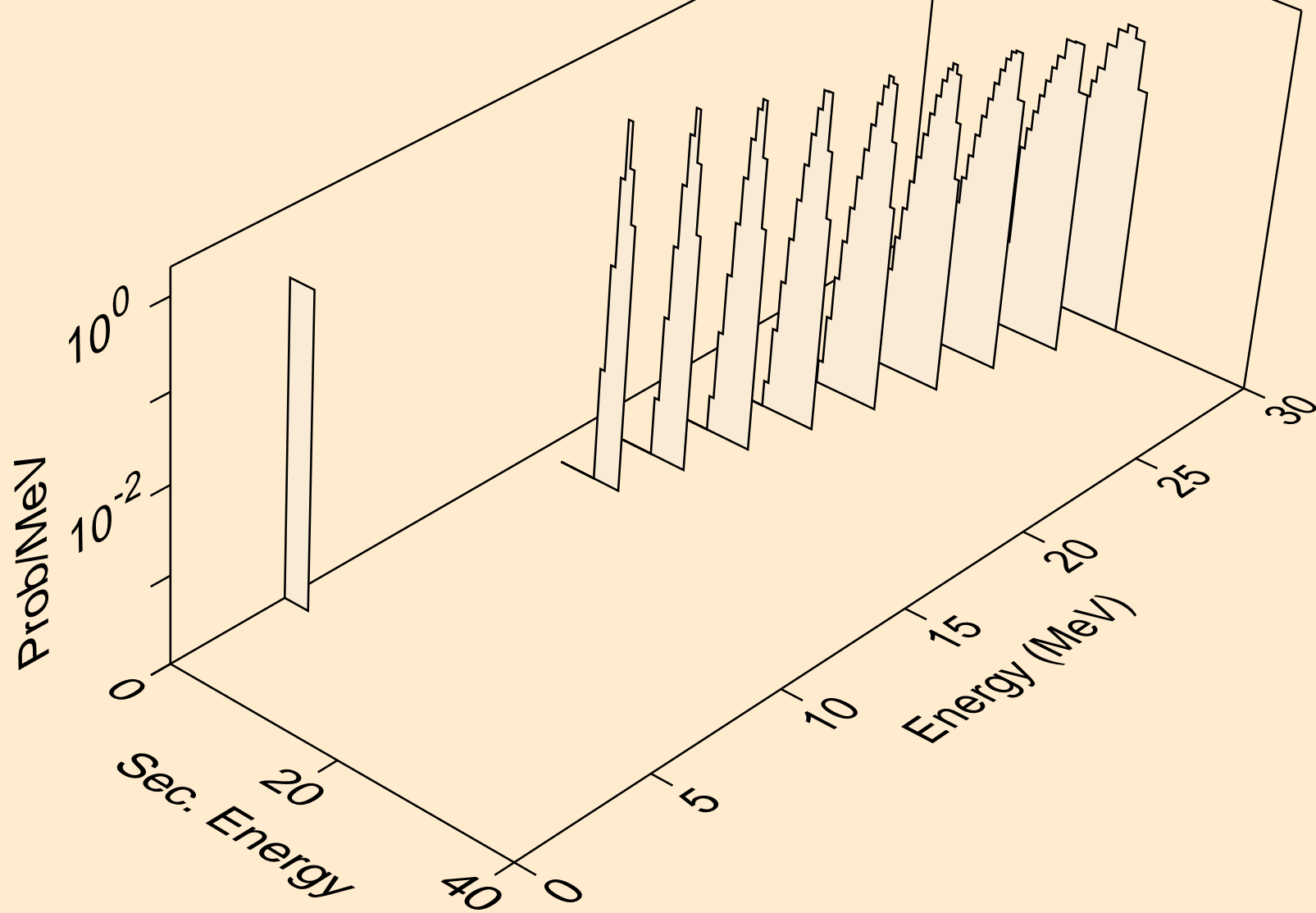
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,x)



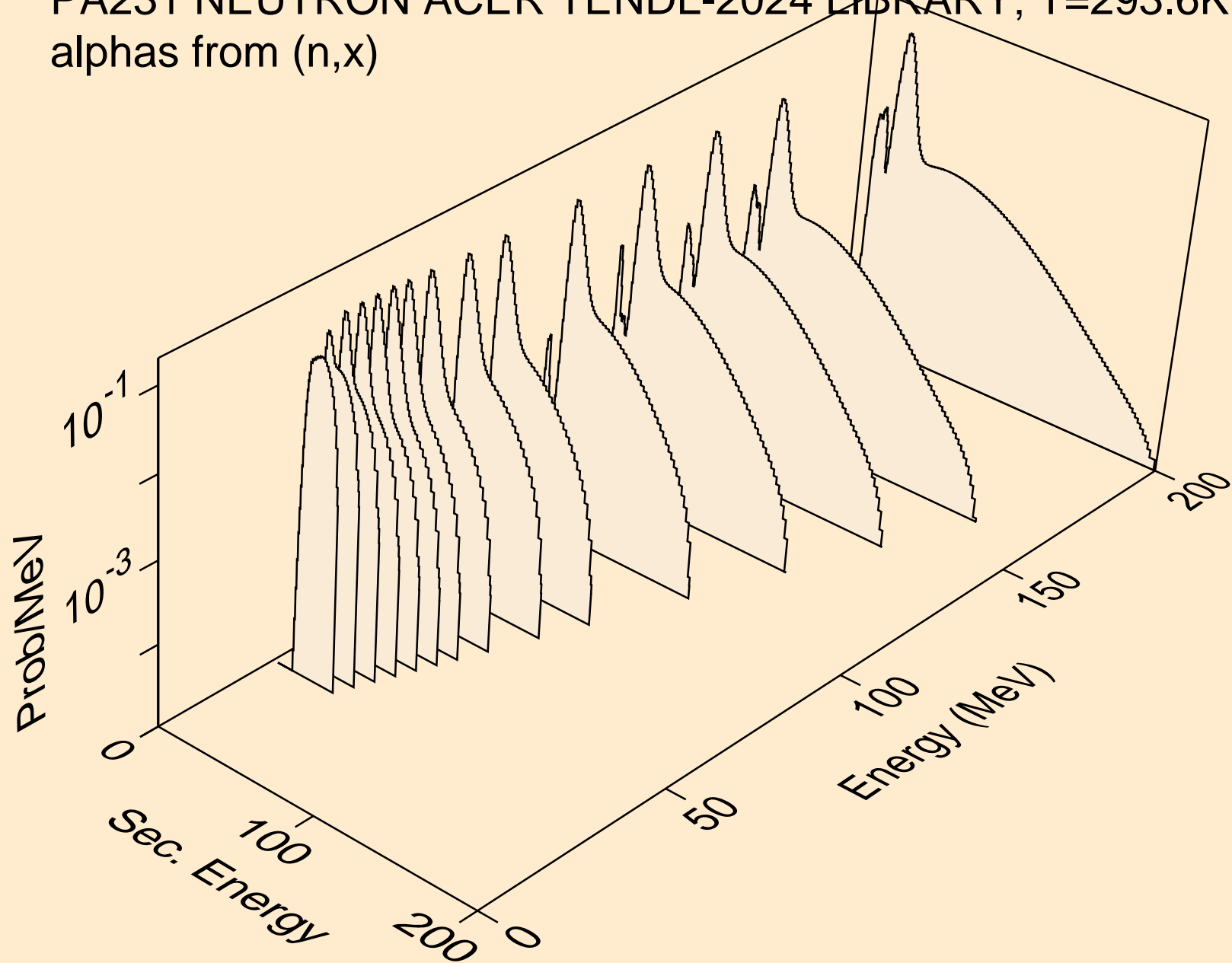
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,n\*)he3



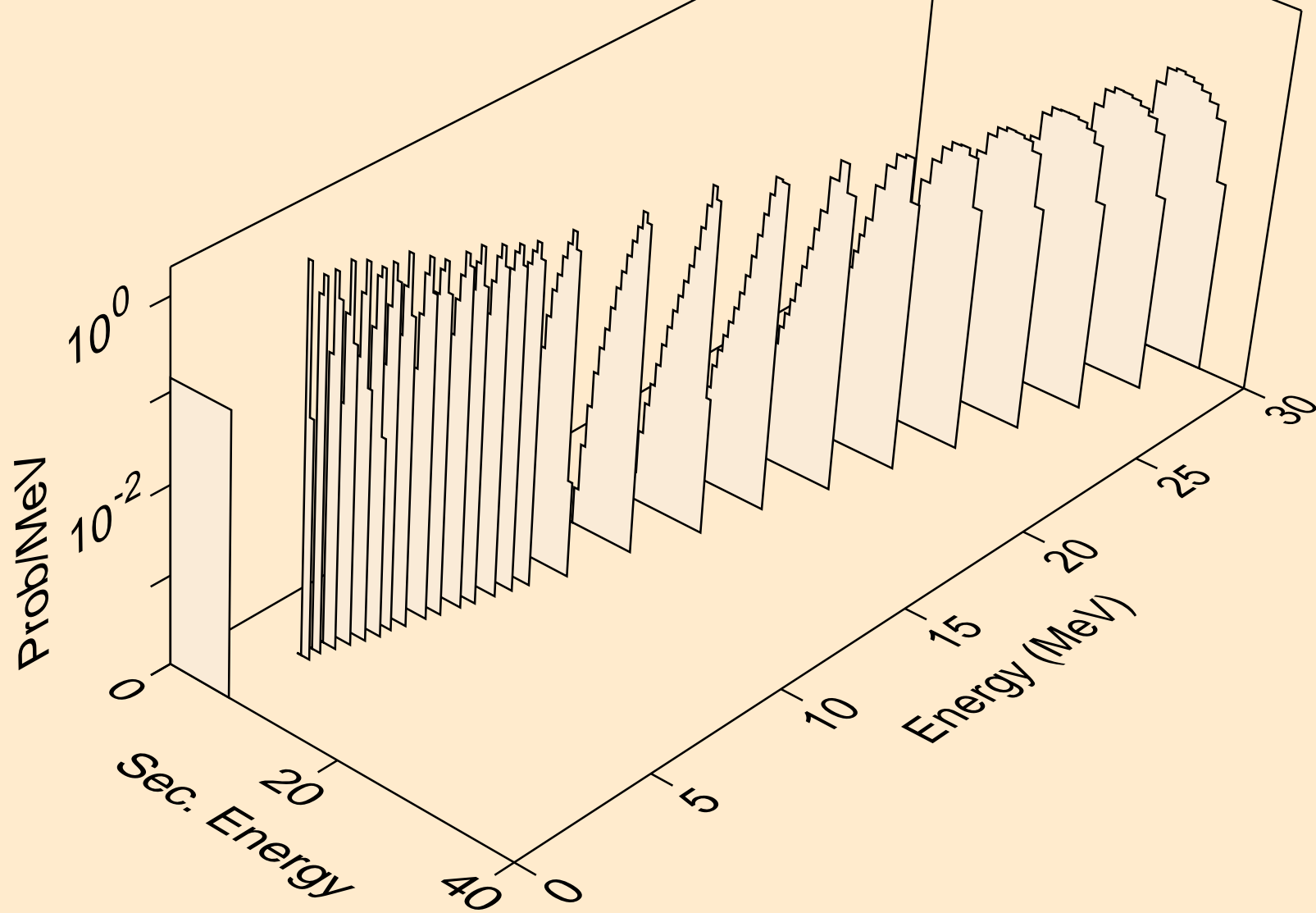
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
he3s from (n,he3)



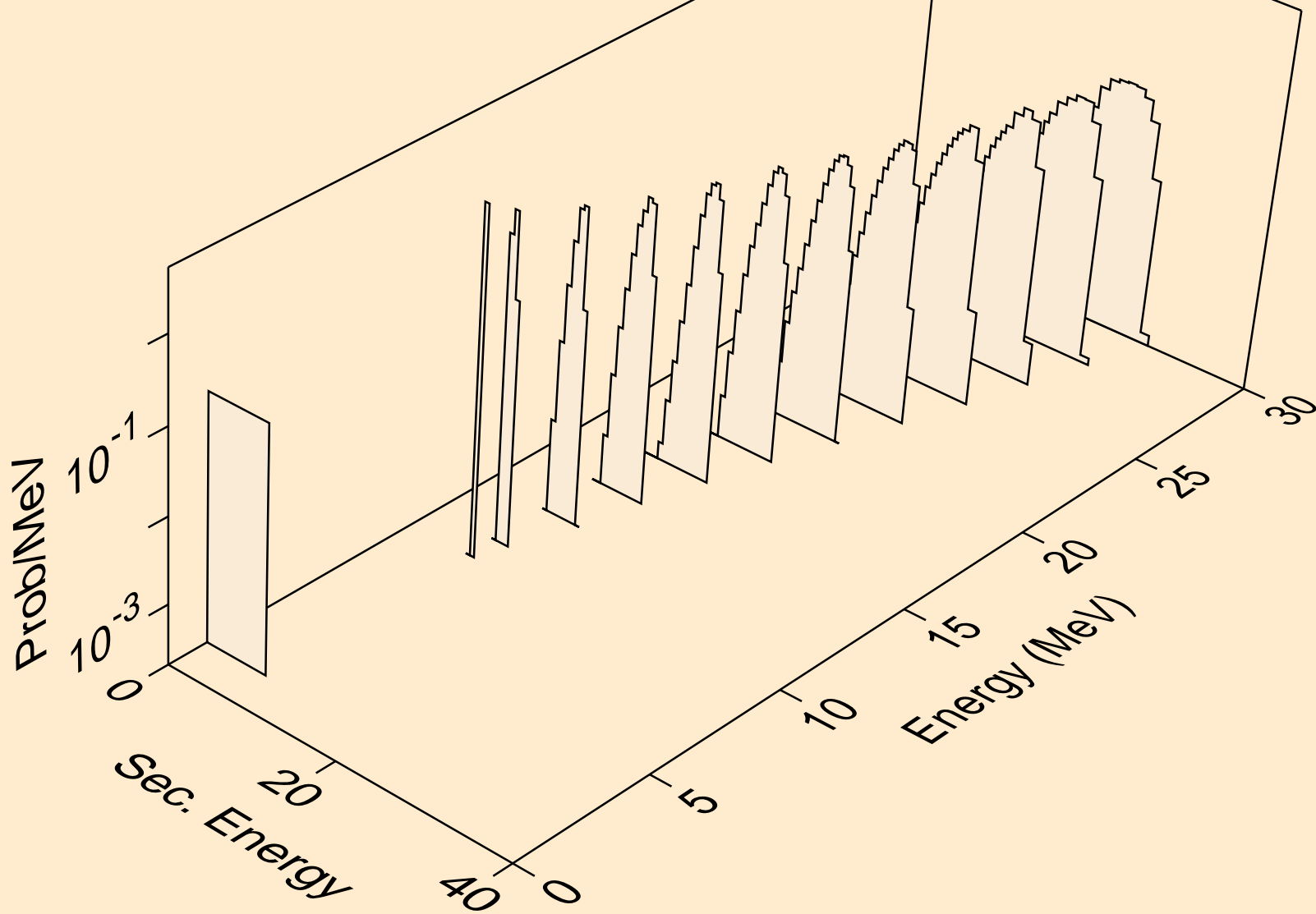
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,x)



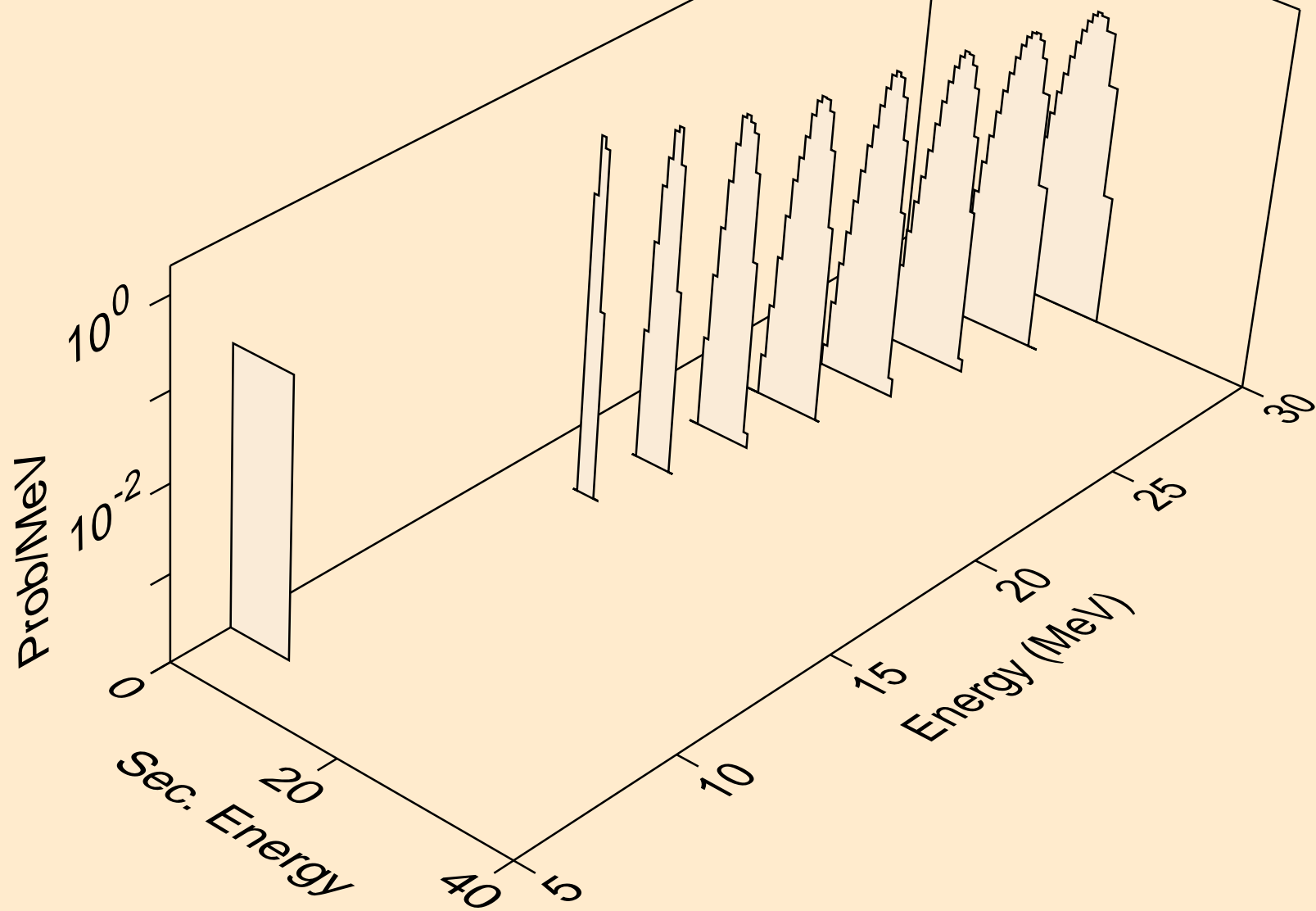
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)a



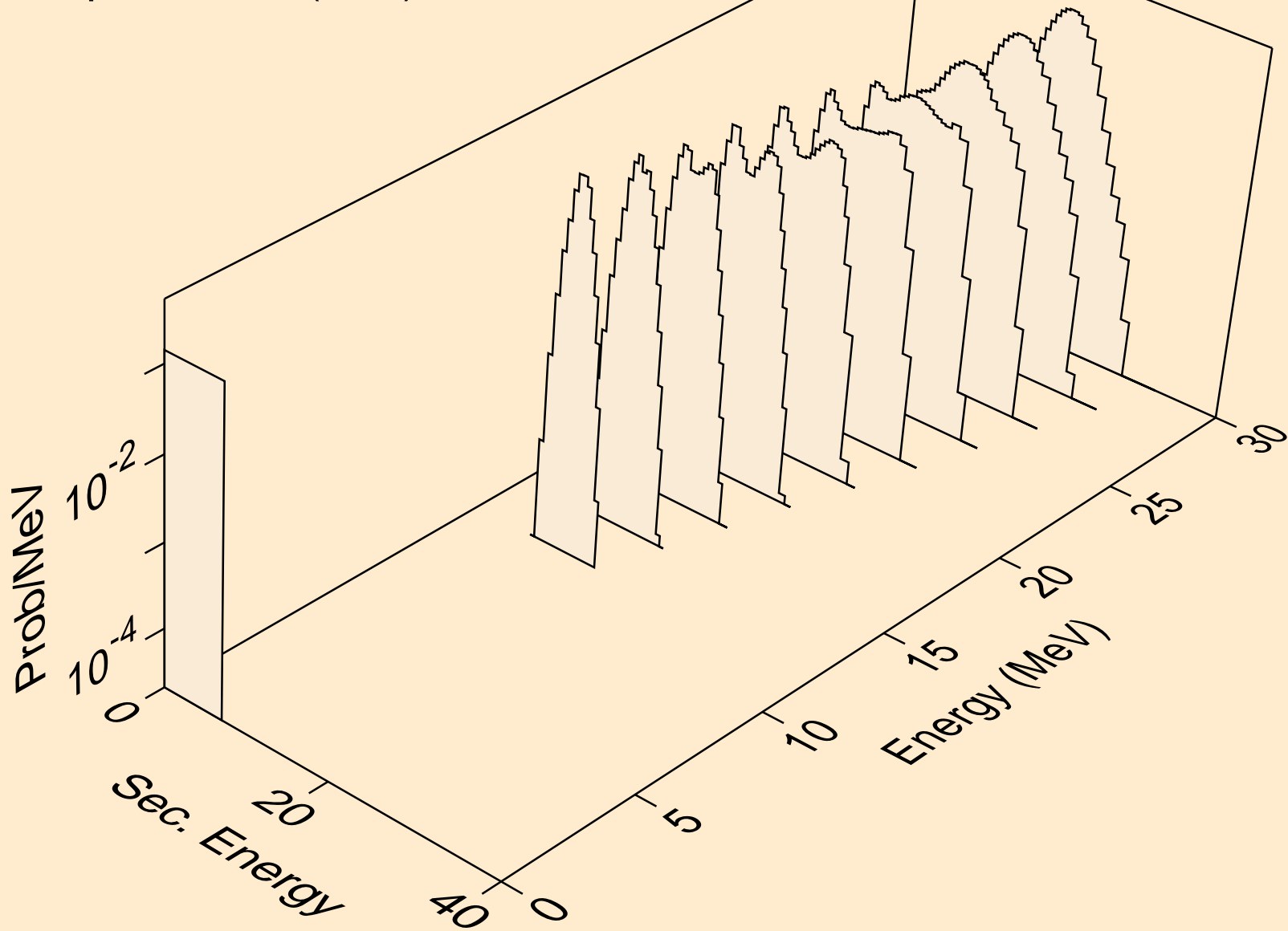
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,2n)a



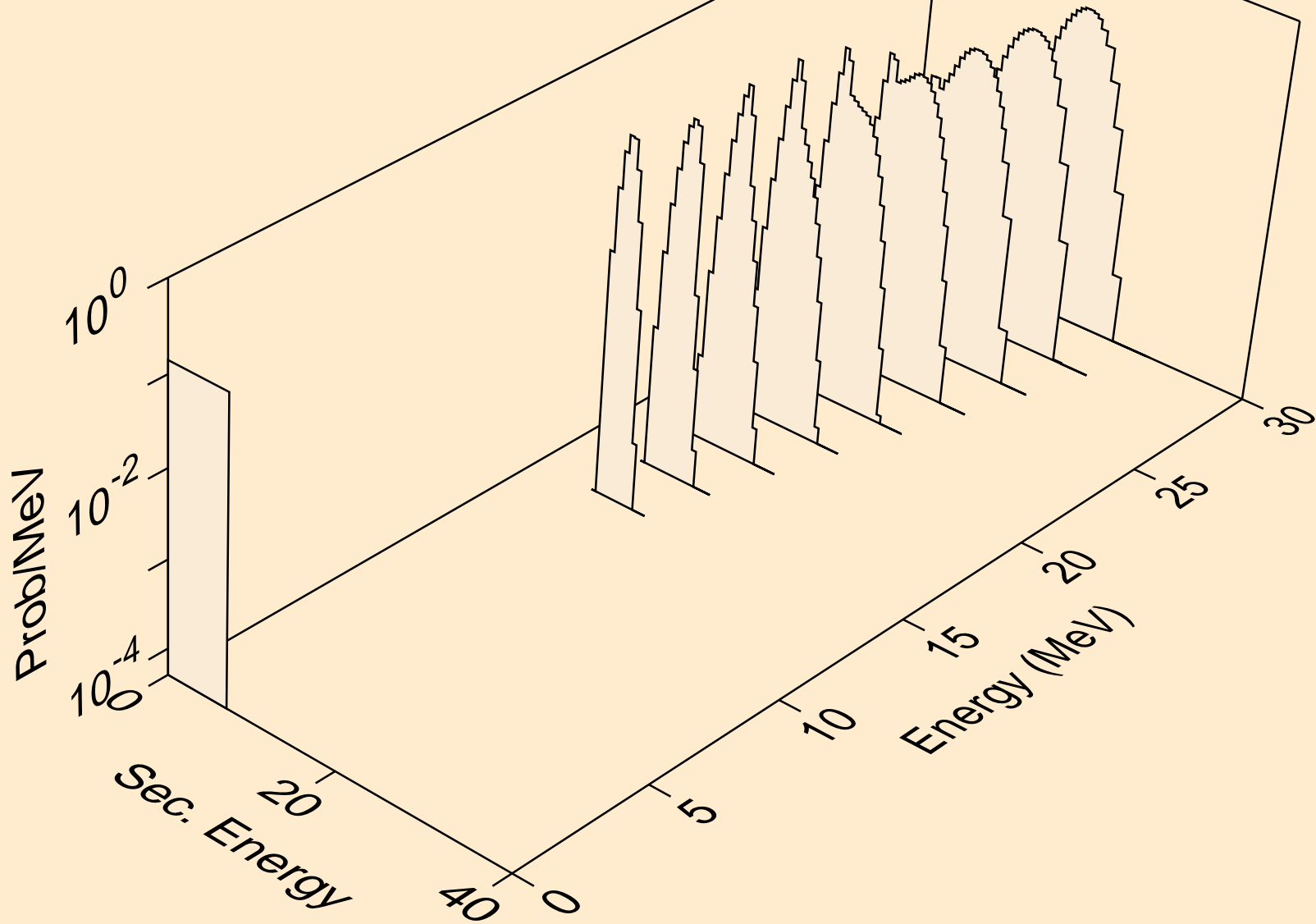
PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,3n)a



PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,n\*)2a



PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,npa)



PA231 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K  
alphas from (n,a)

