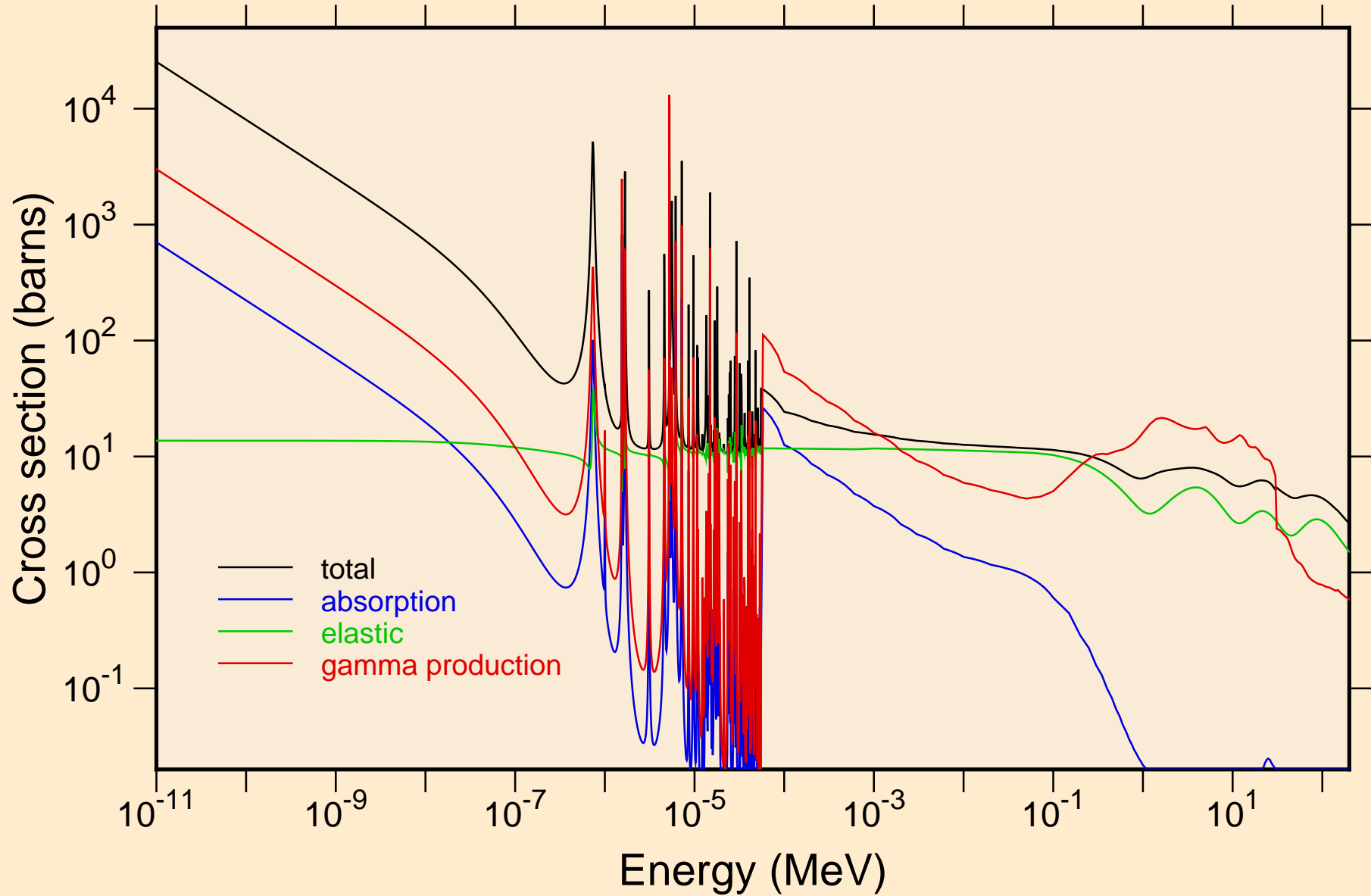
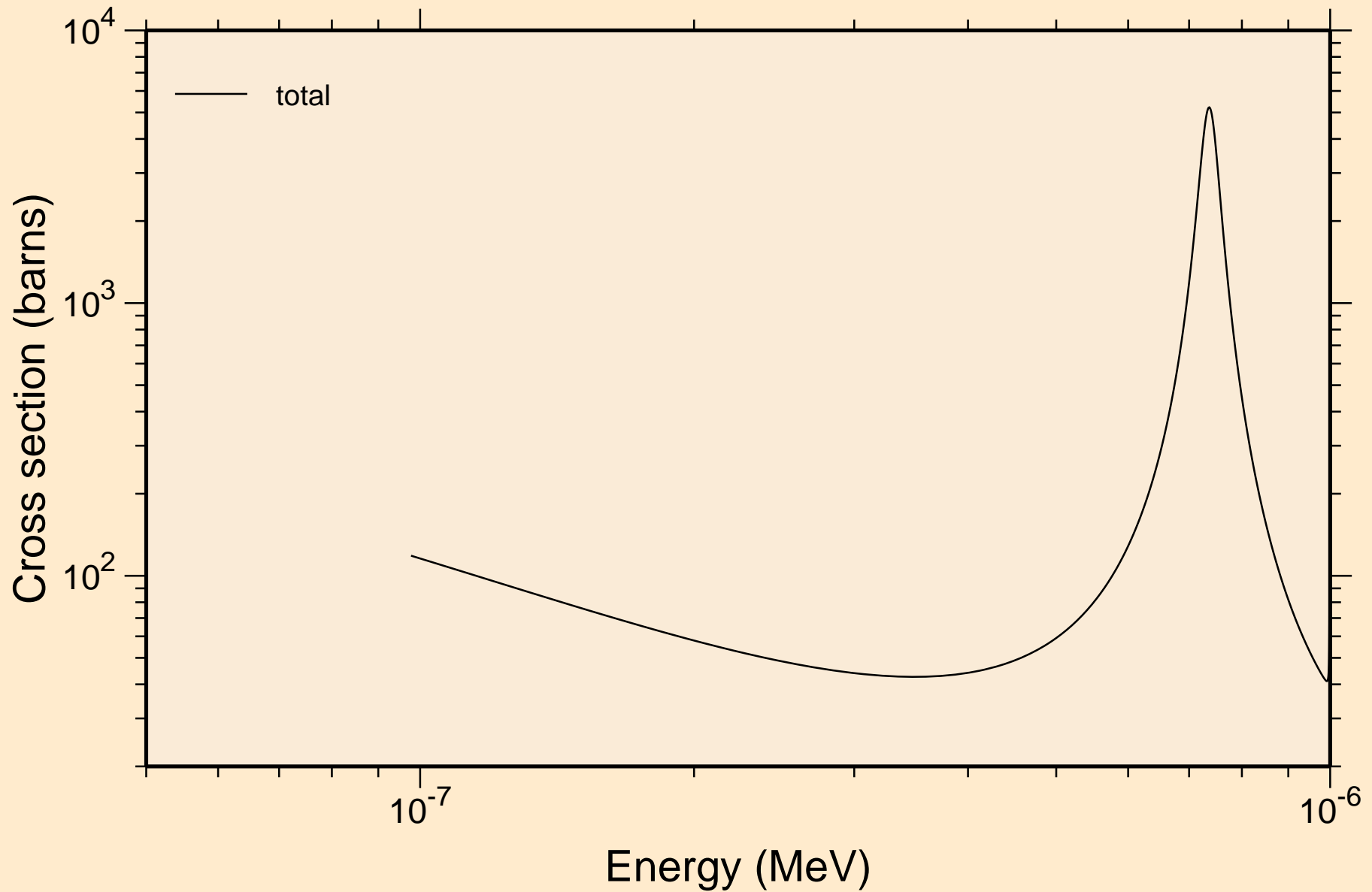


PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

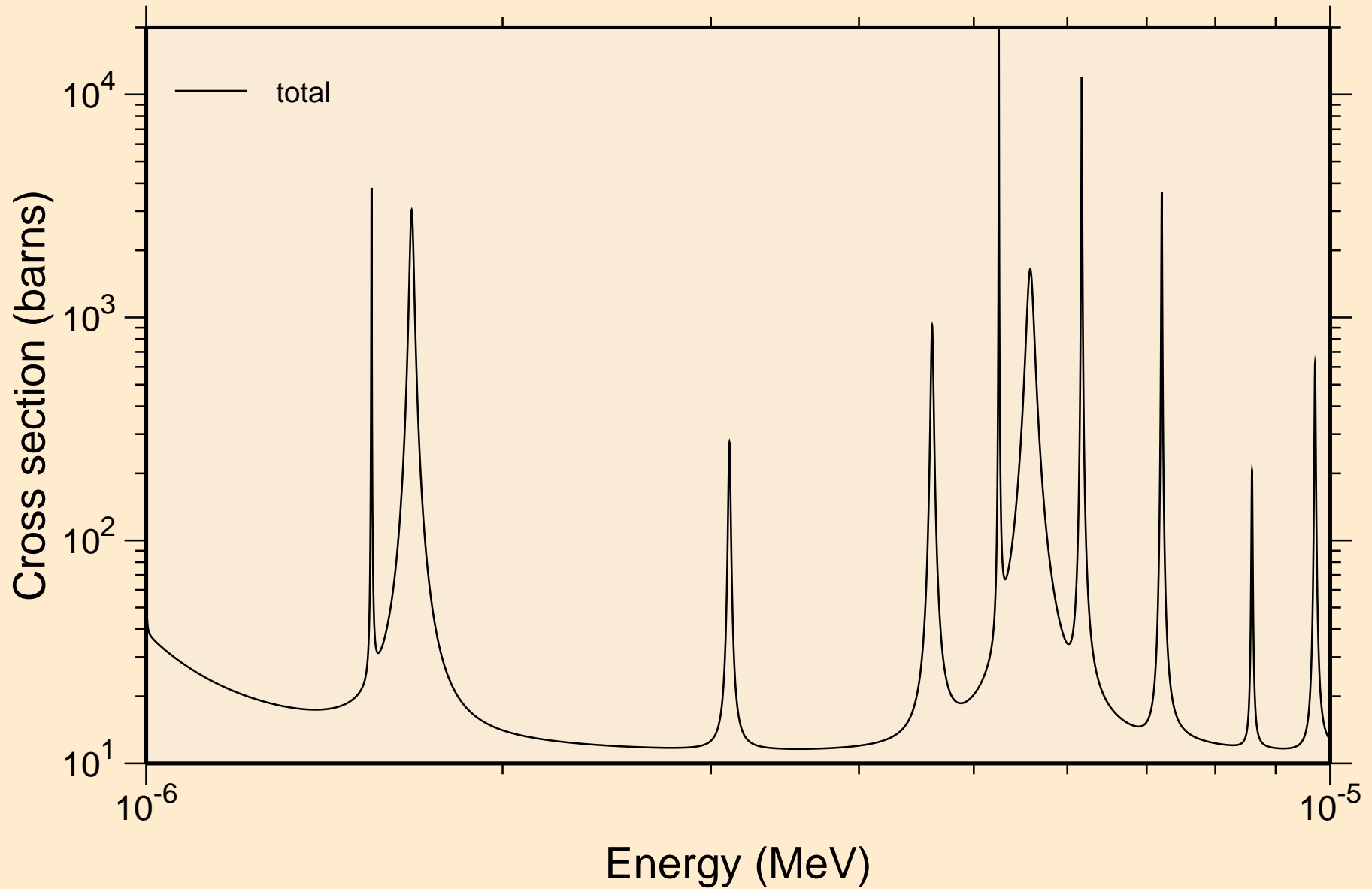
Principal cross sections



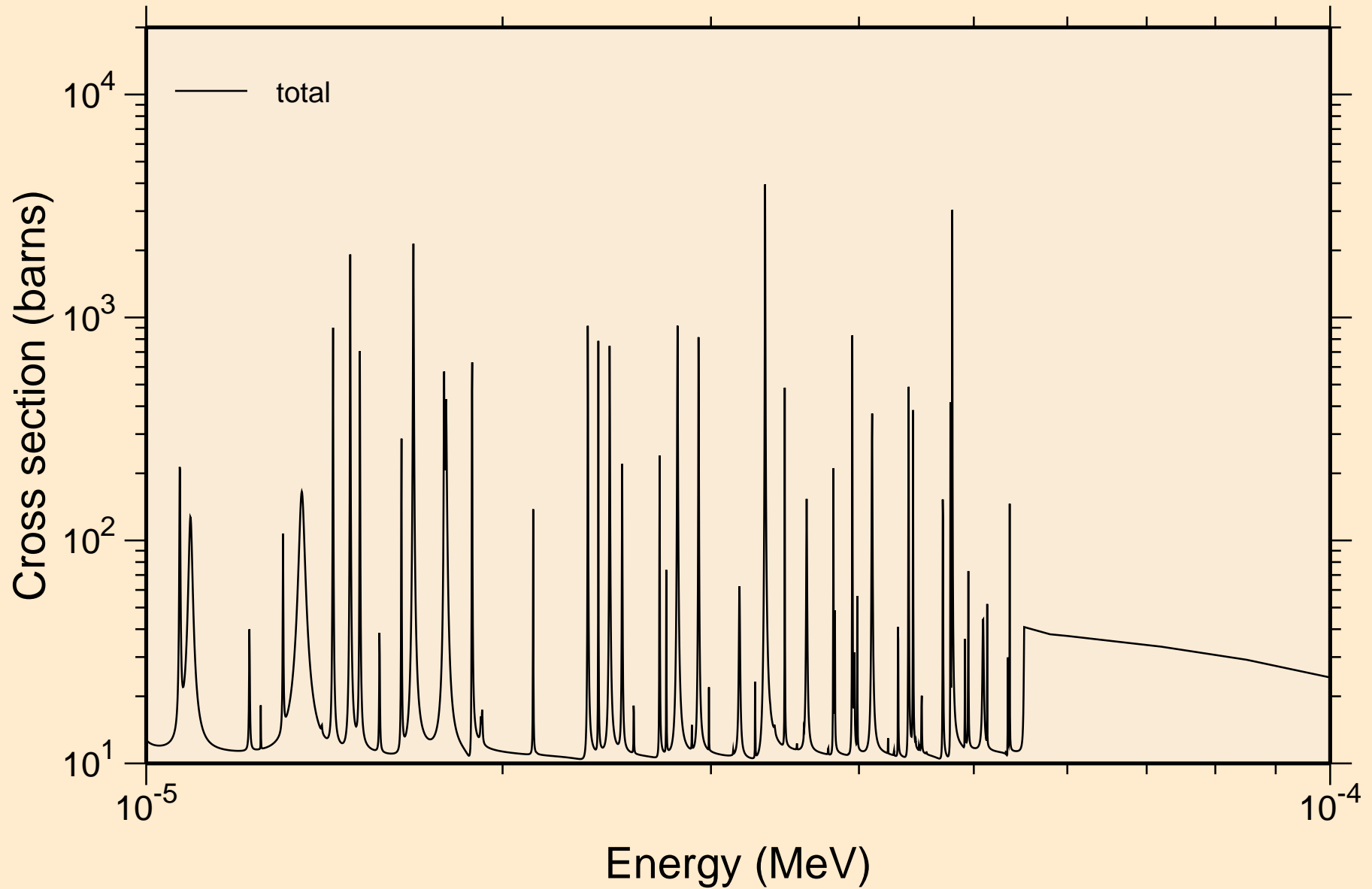
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



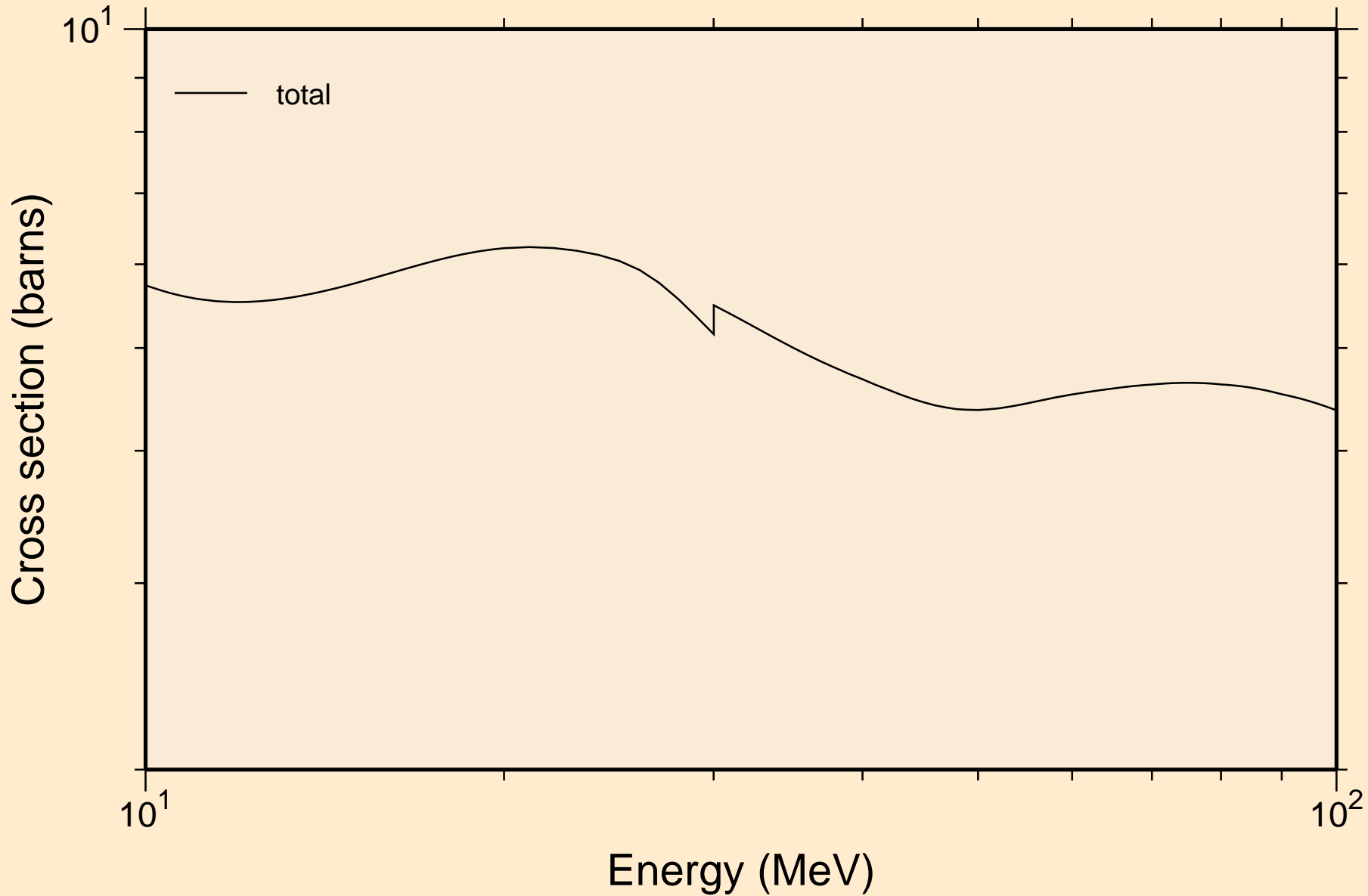
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



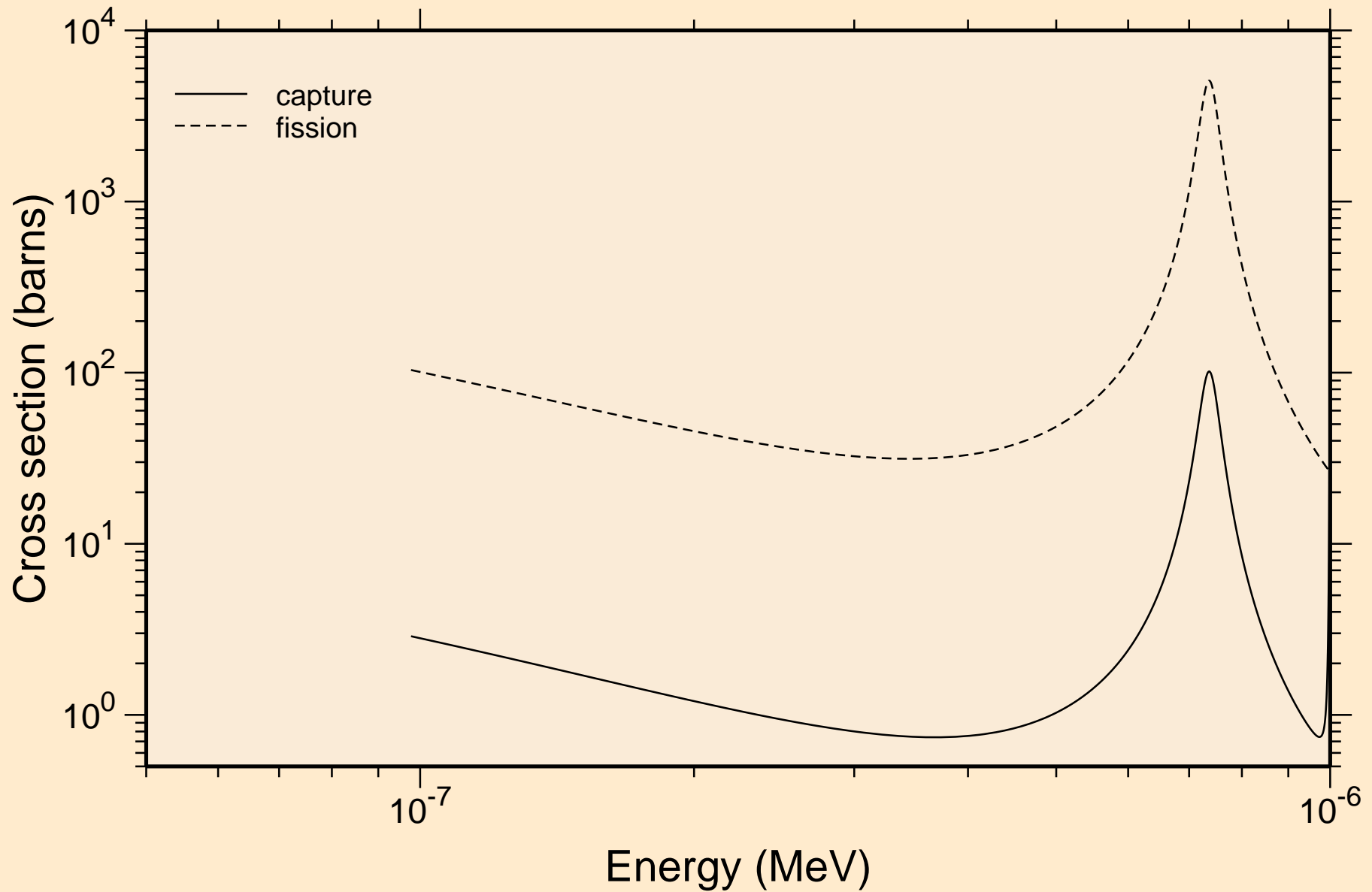
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



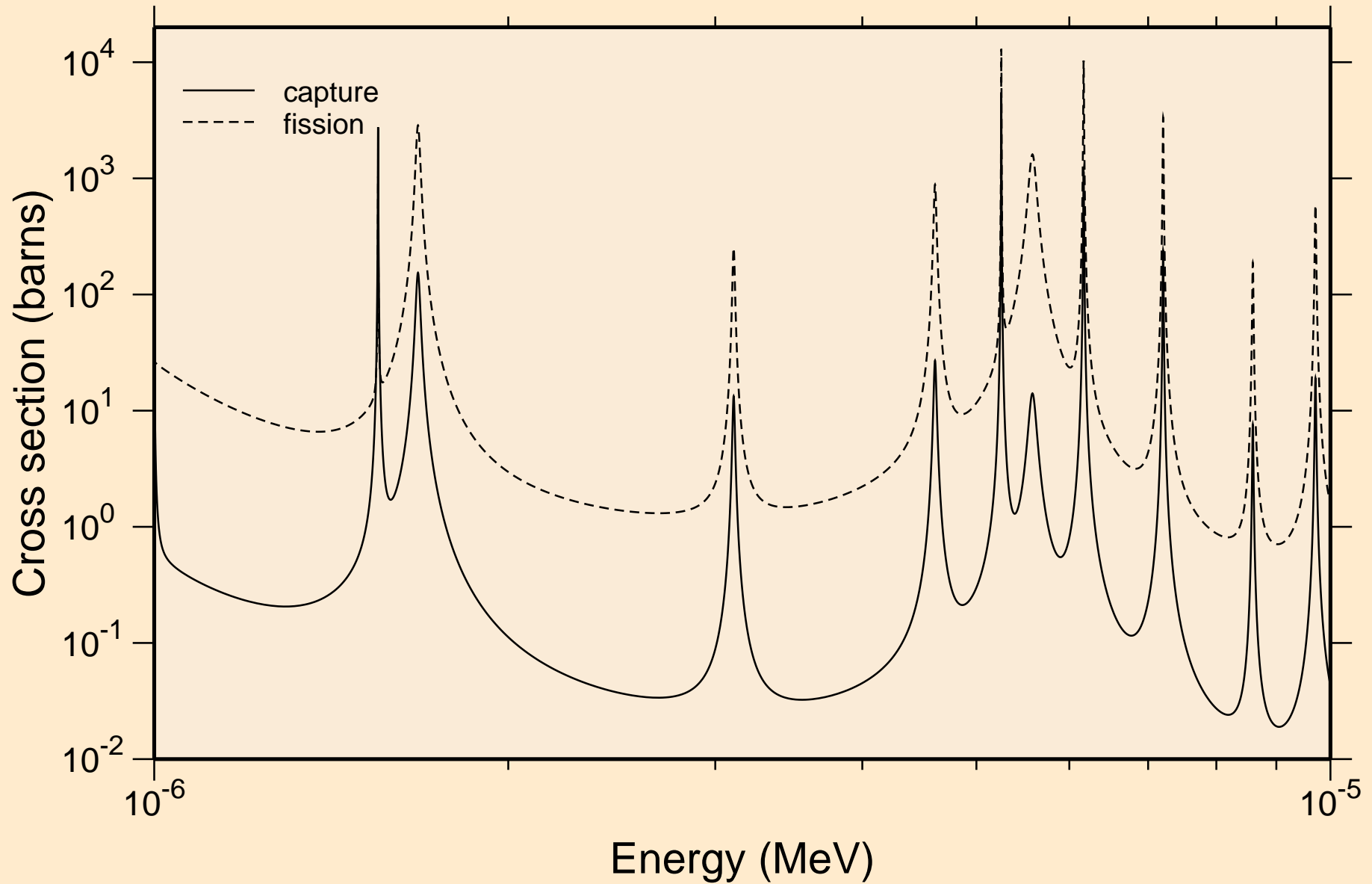
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



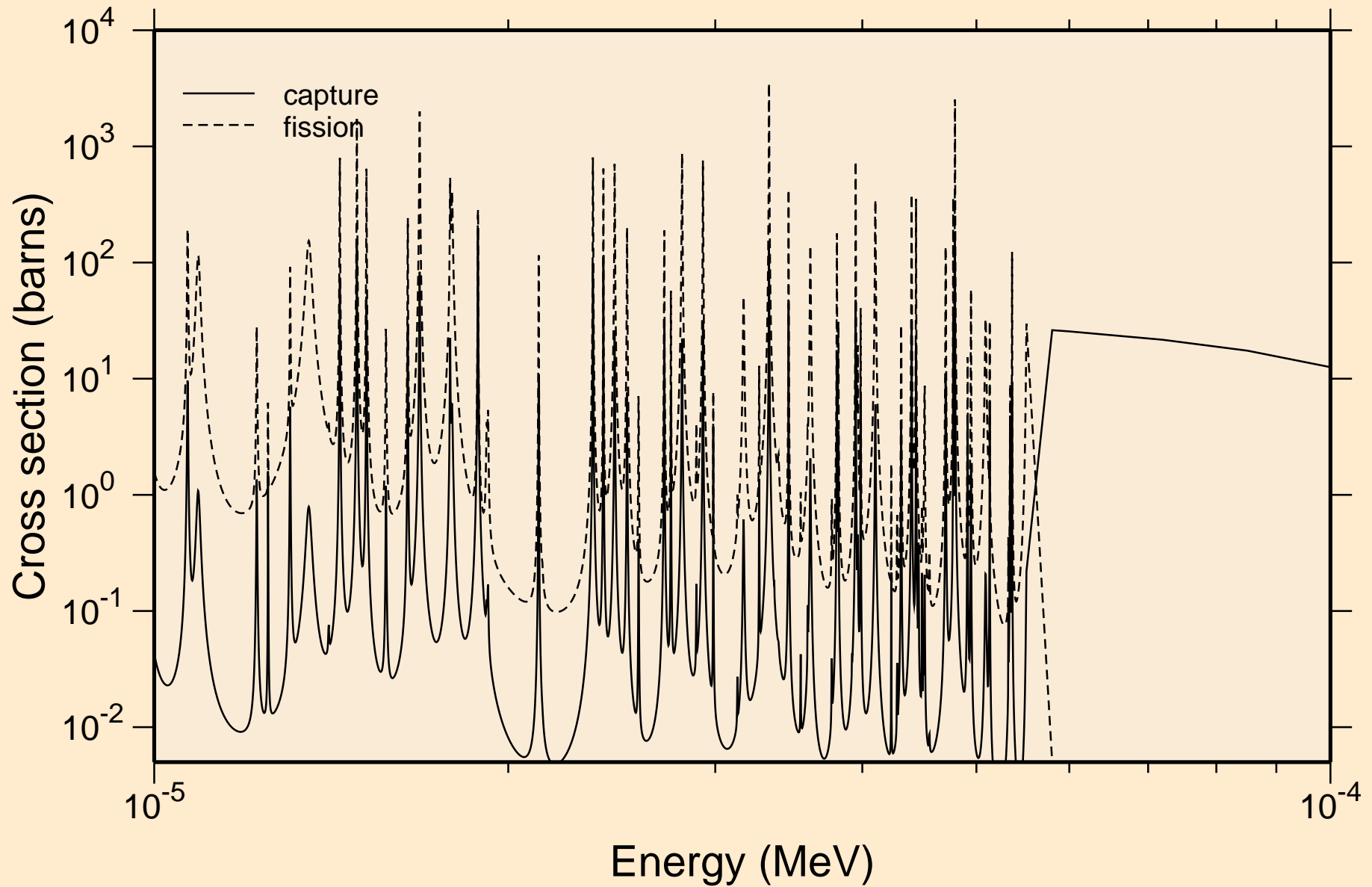
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



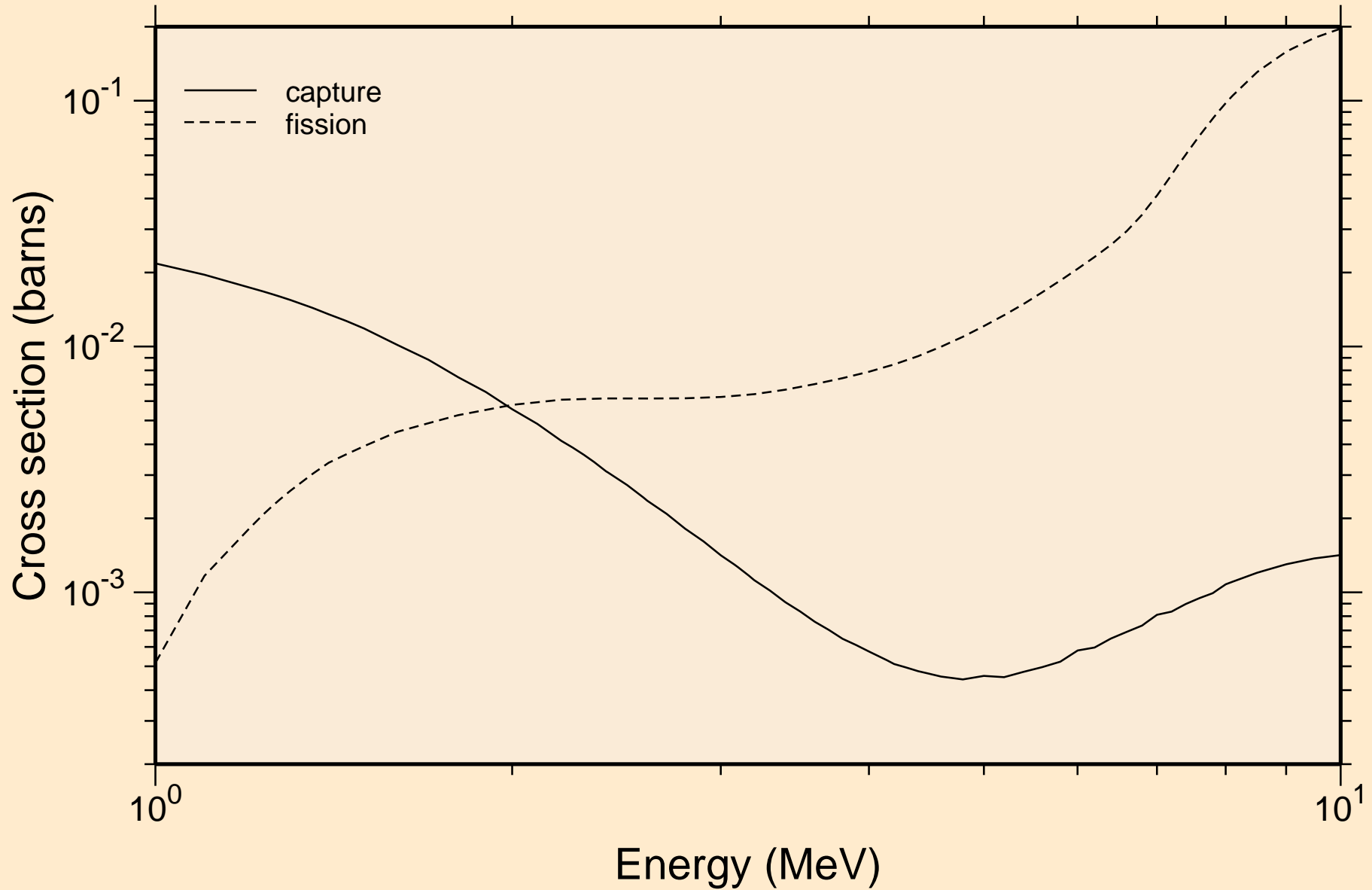
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



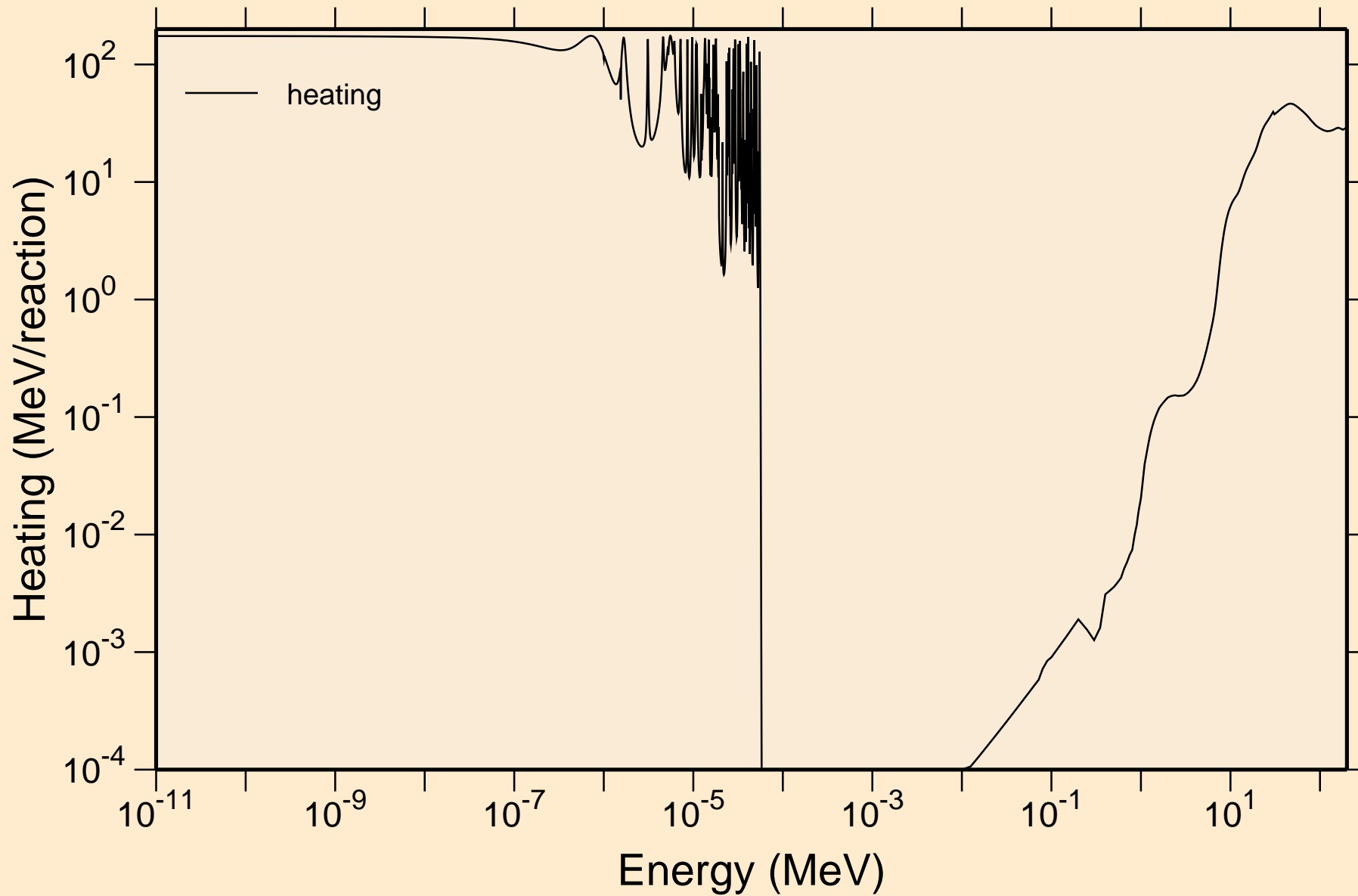
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



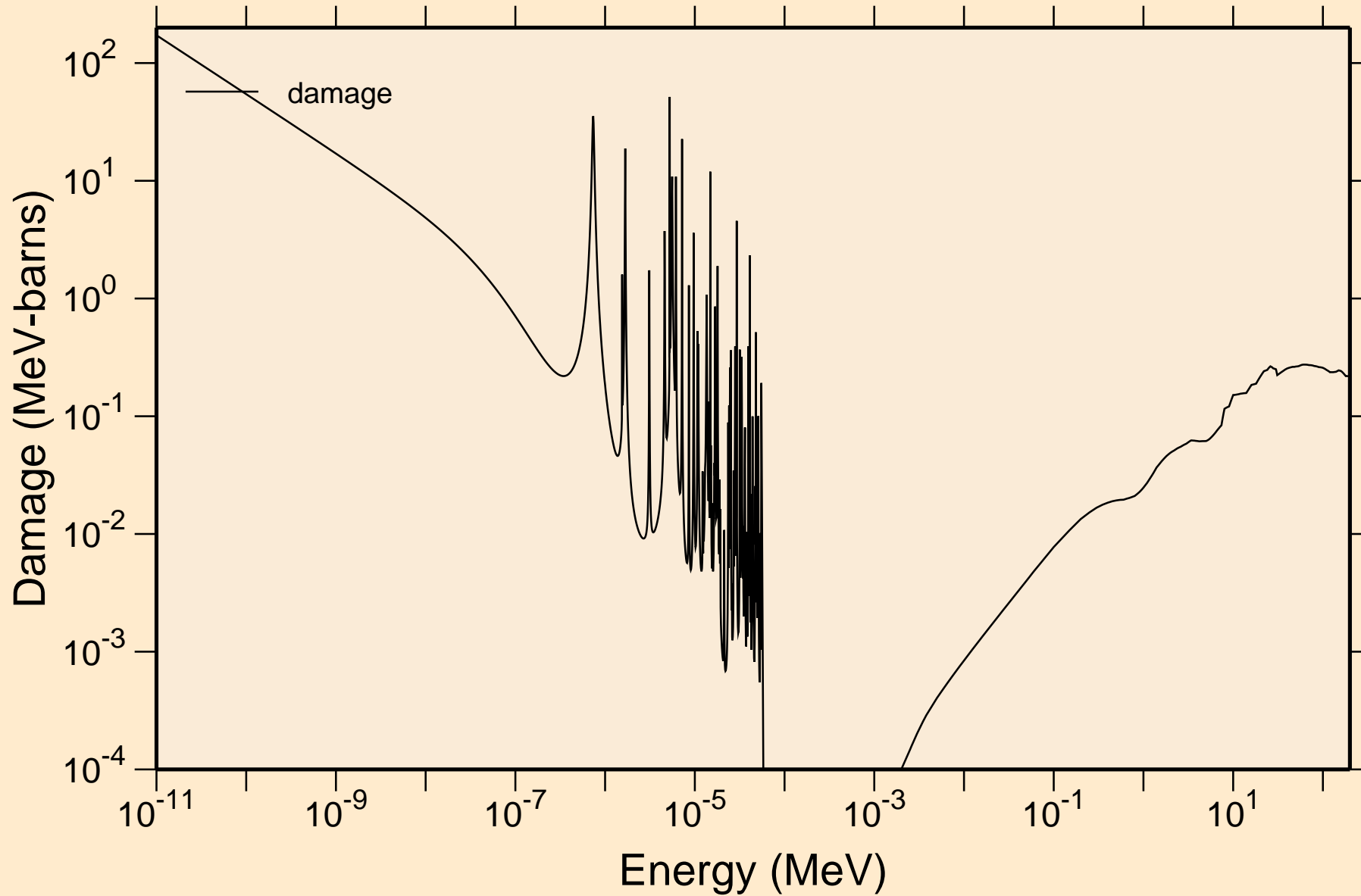
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resonance absorption cross sections



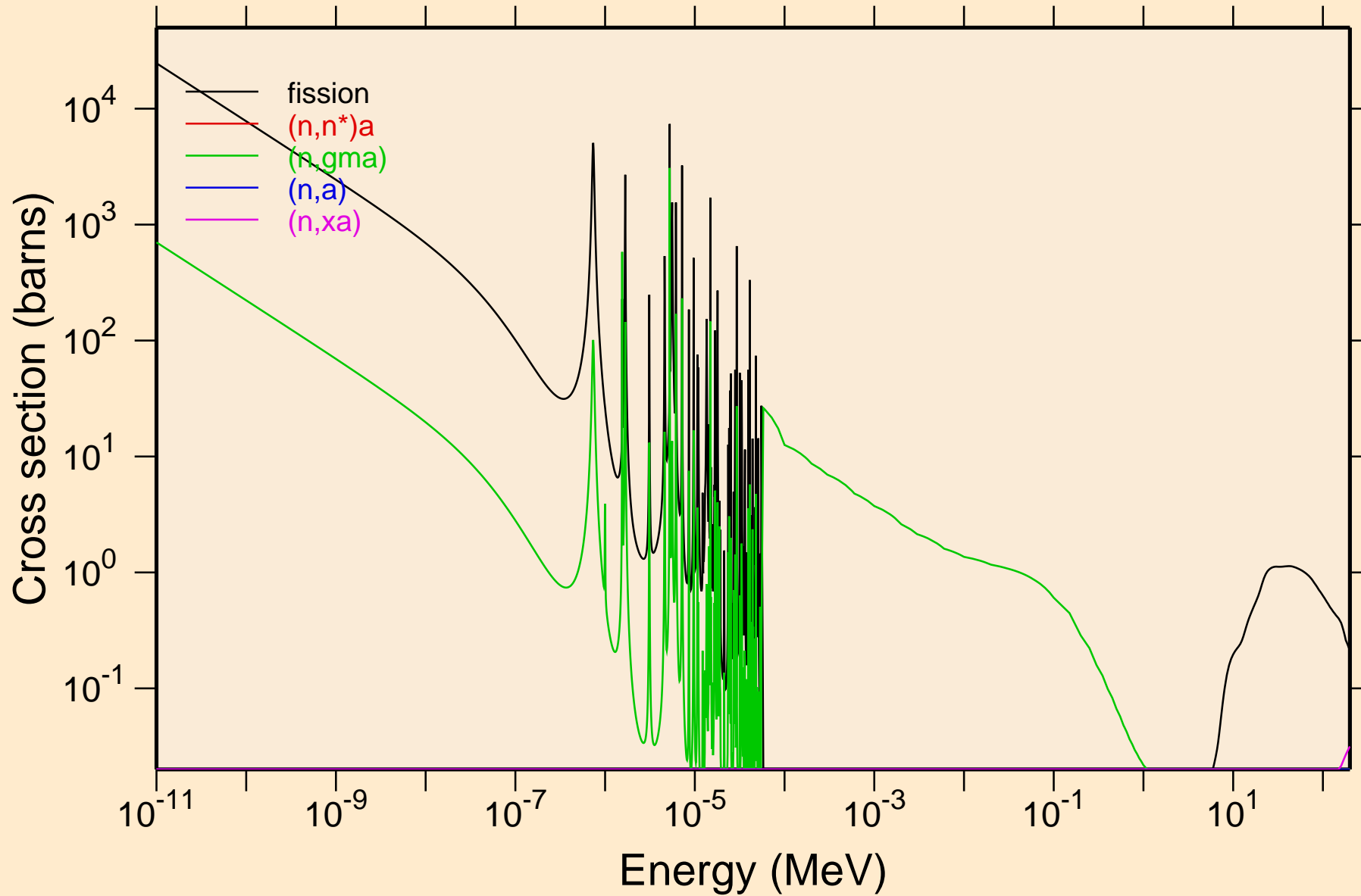
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating



PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage

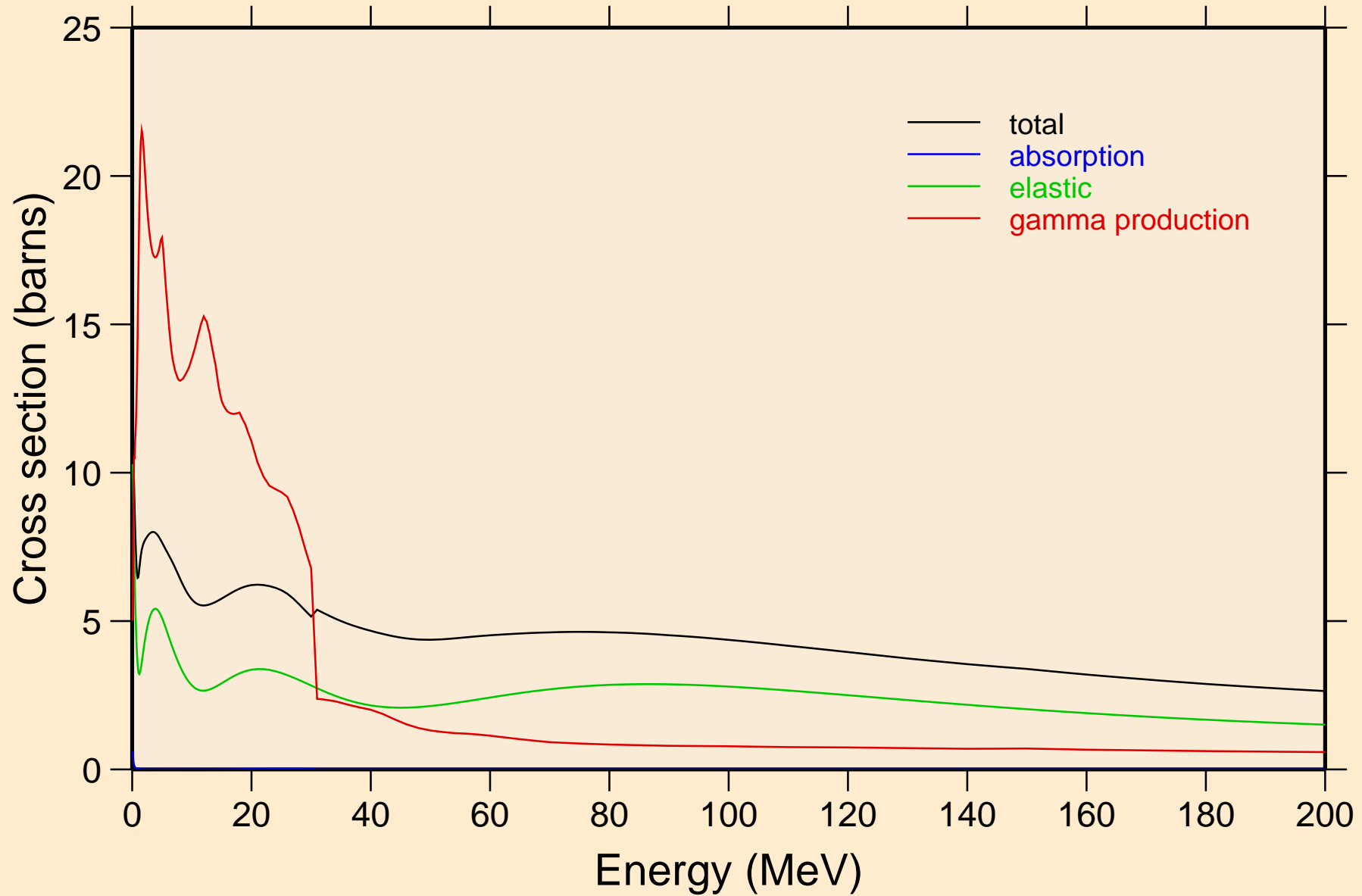


PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



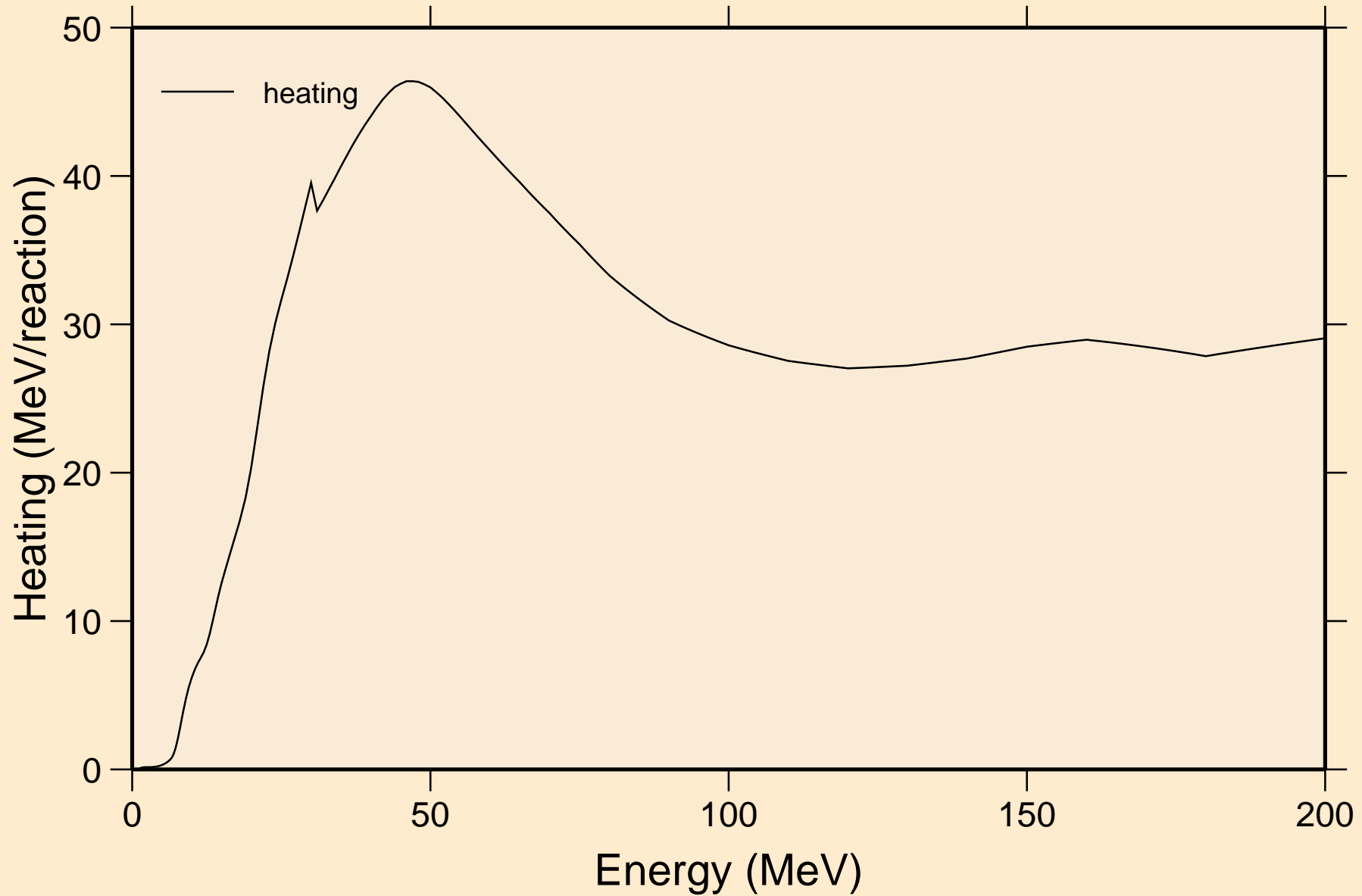
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Principal cross sections

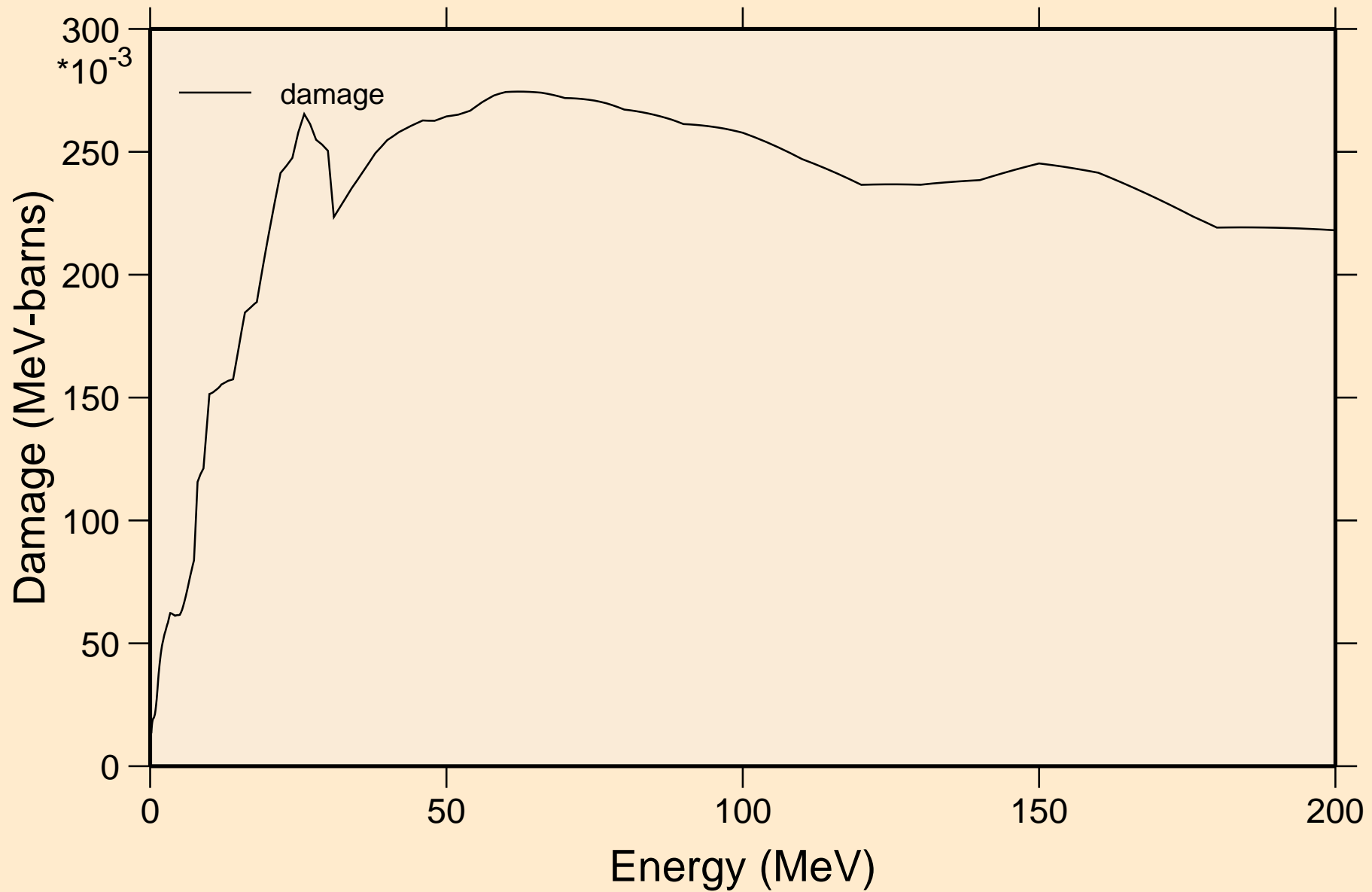


PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

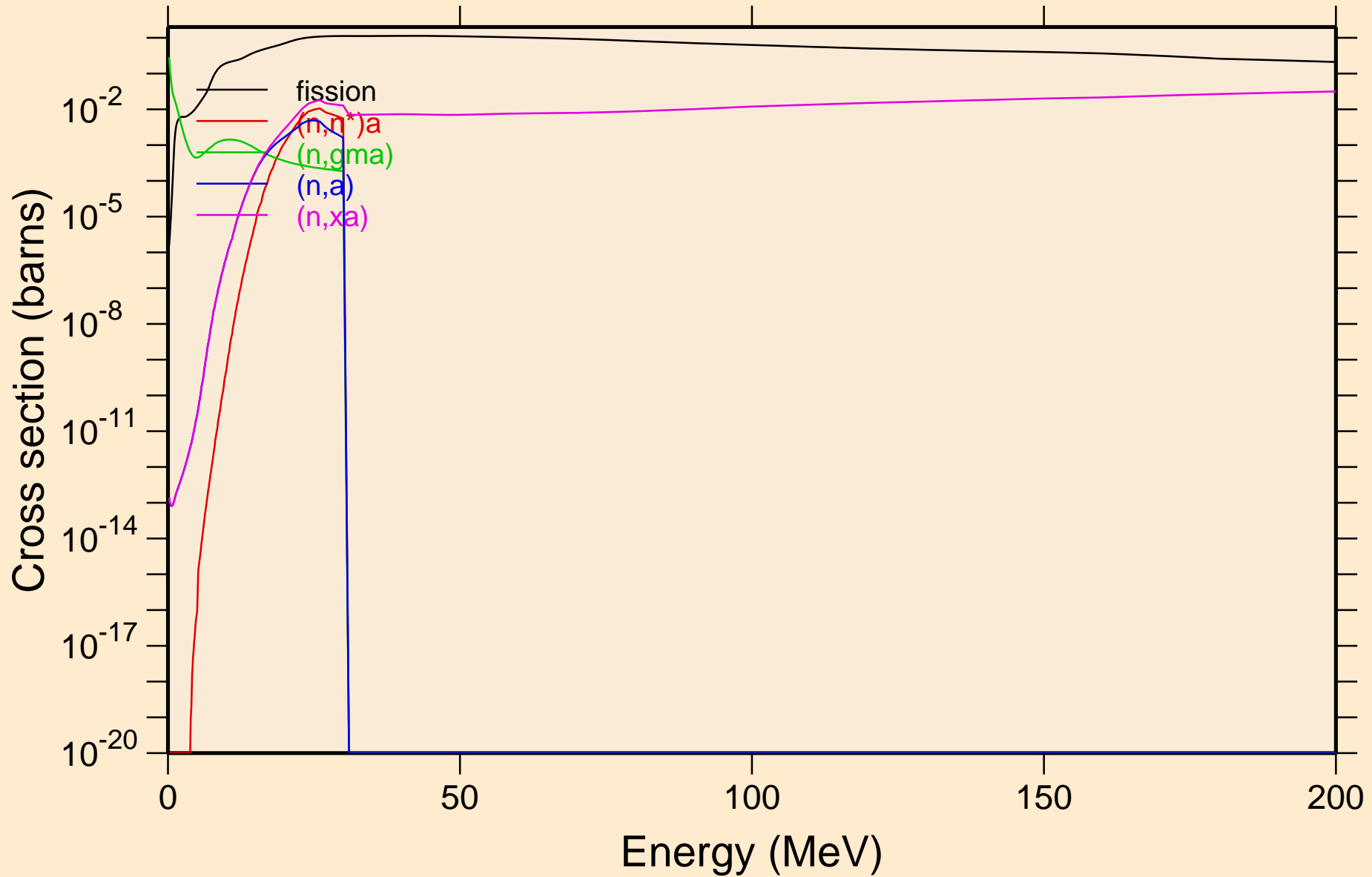


PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage

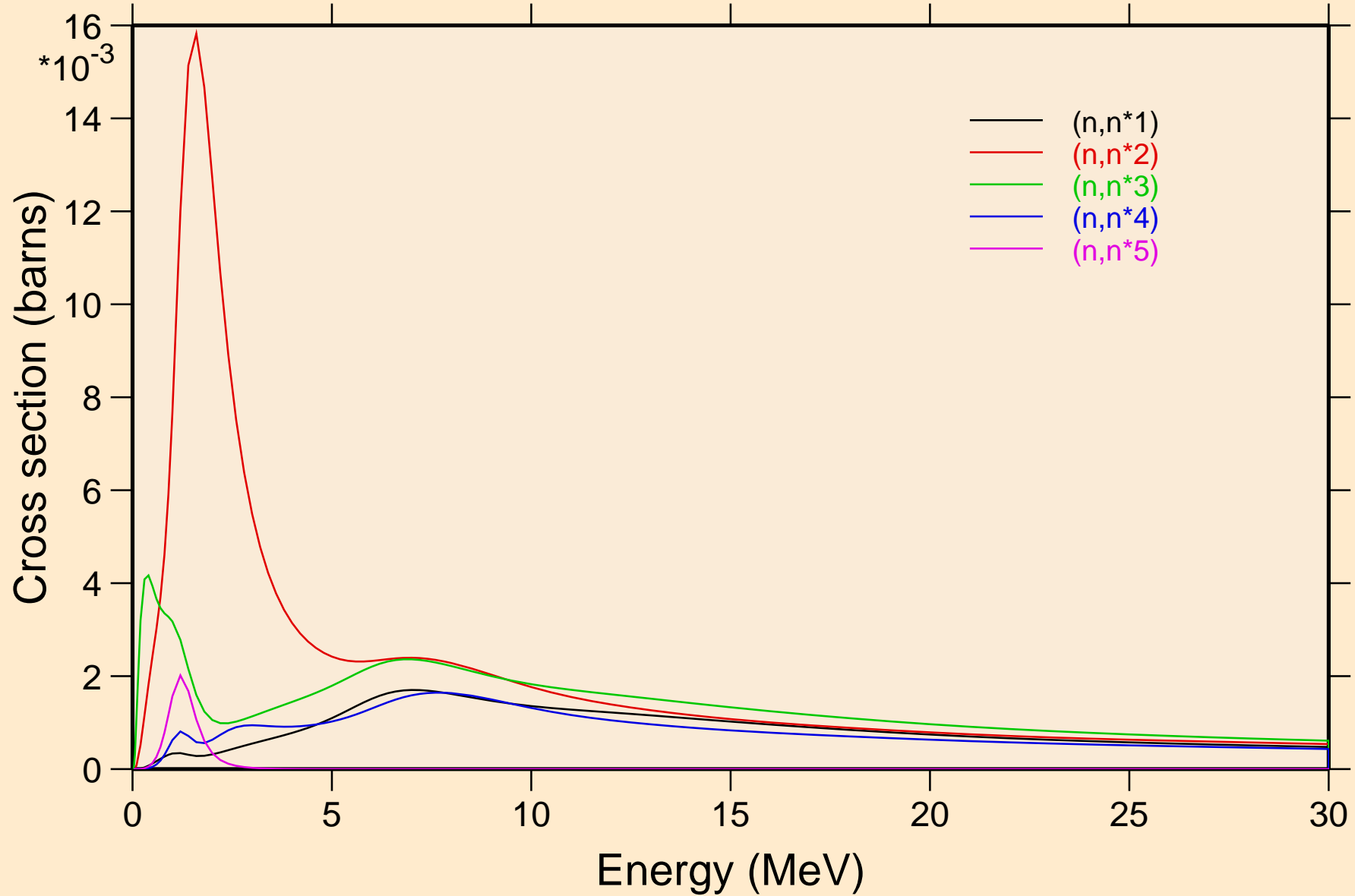


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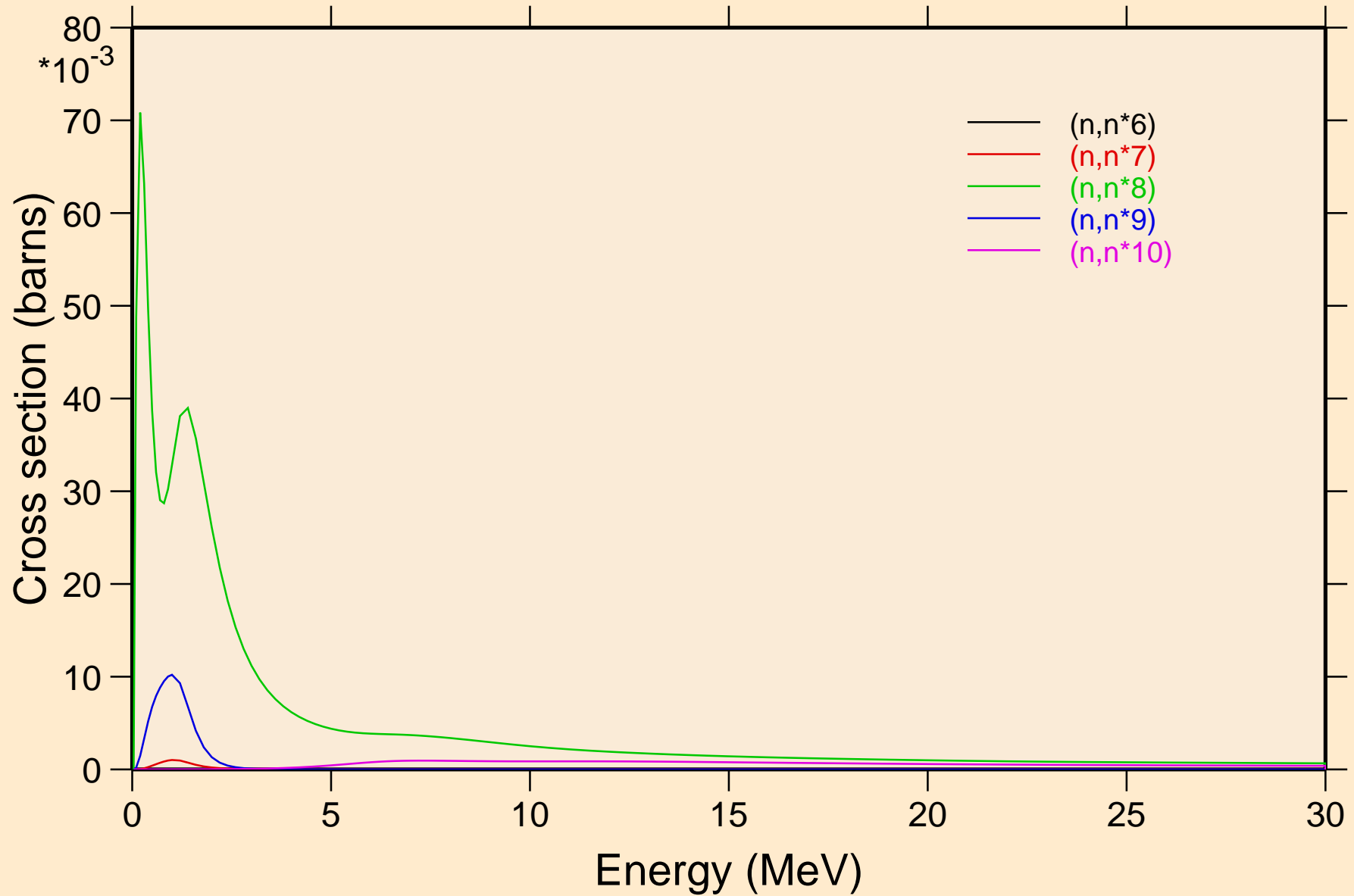
Non-threshold reactions



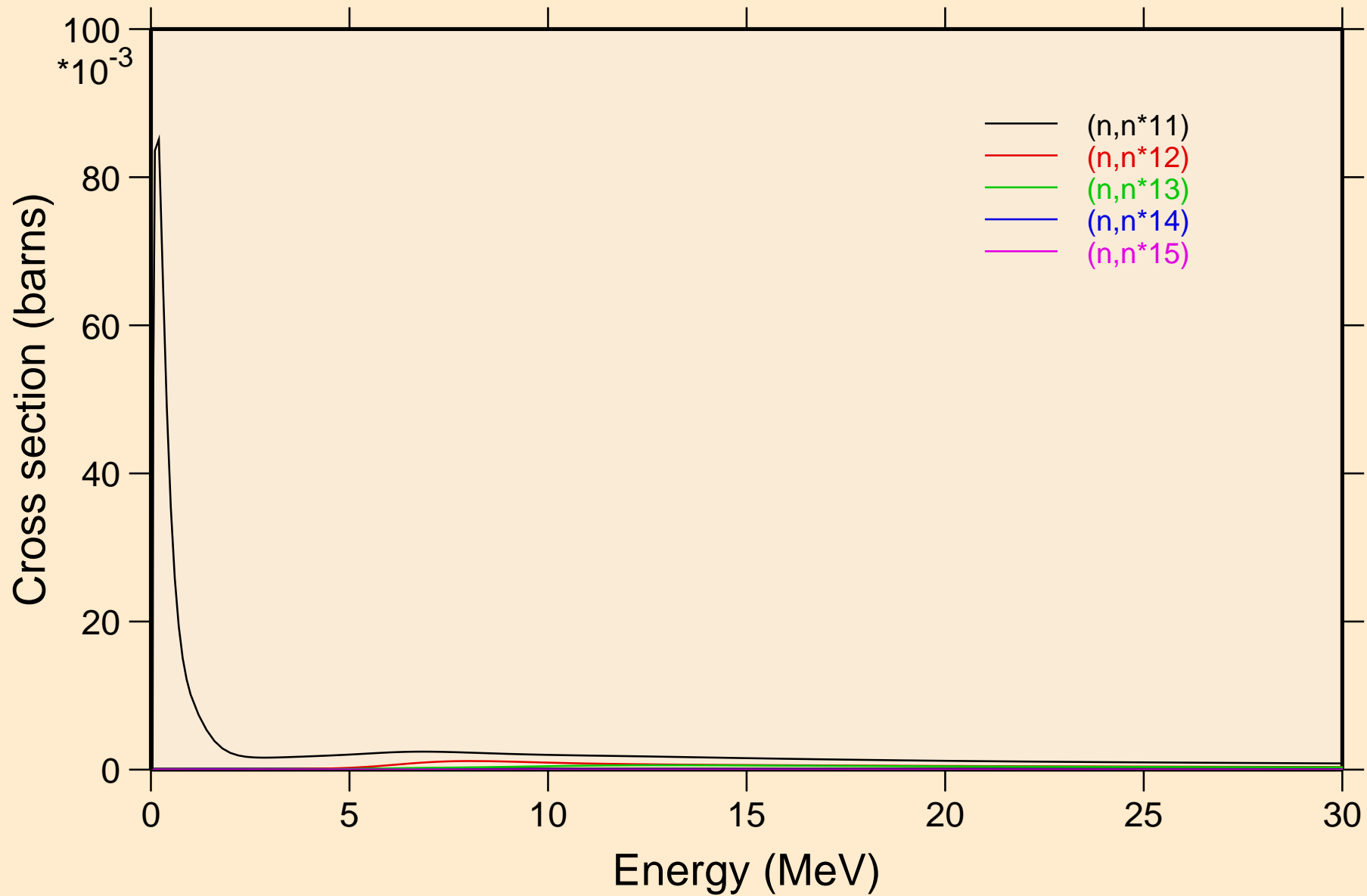
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



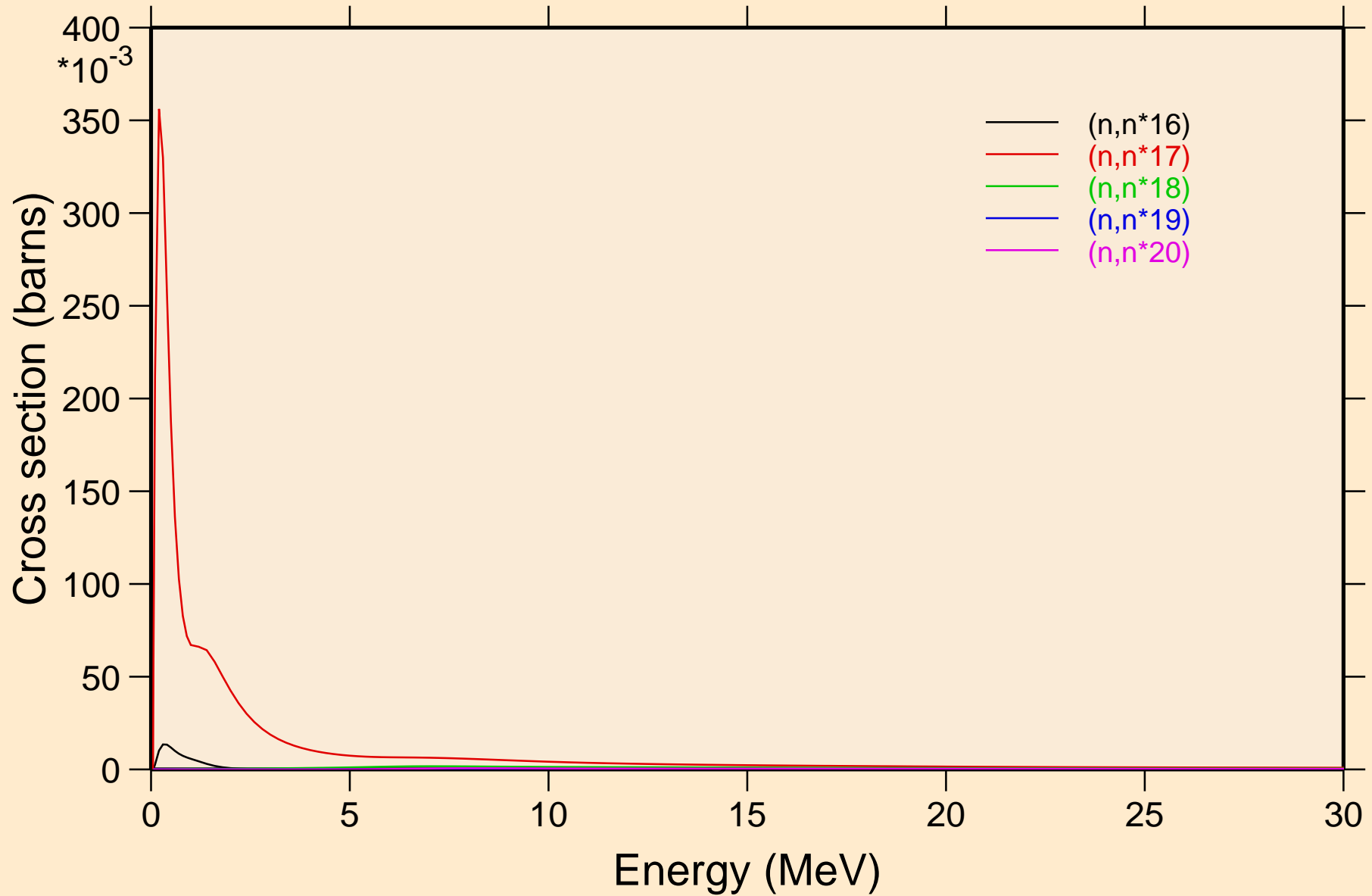
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



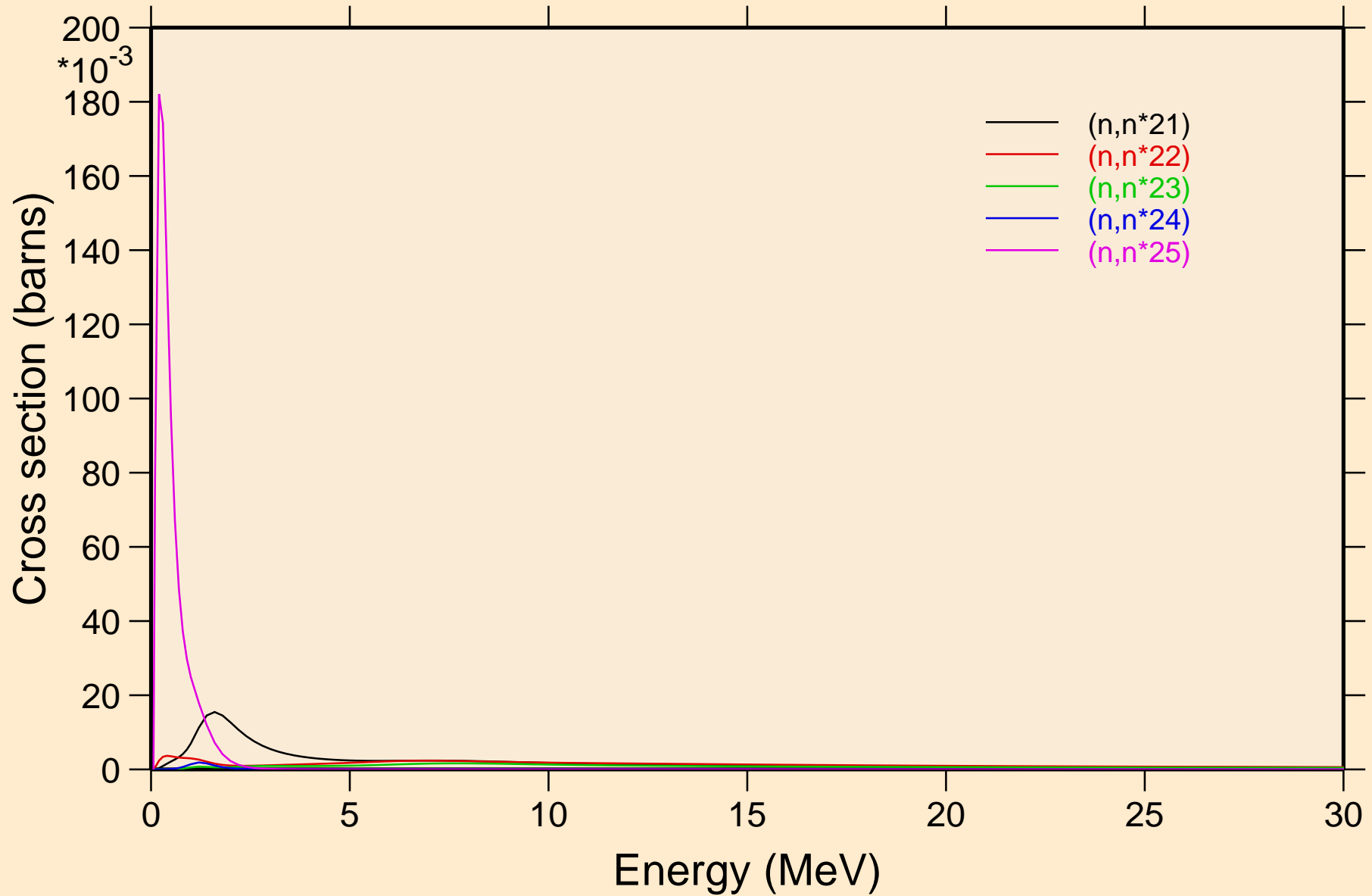
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



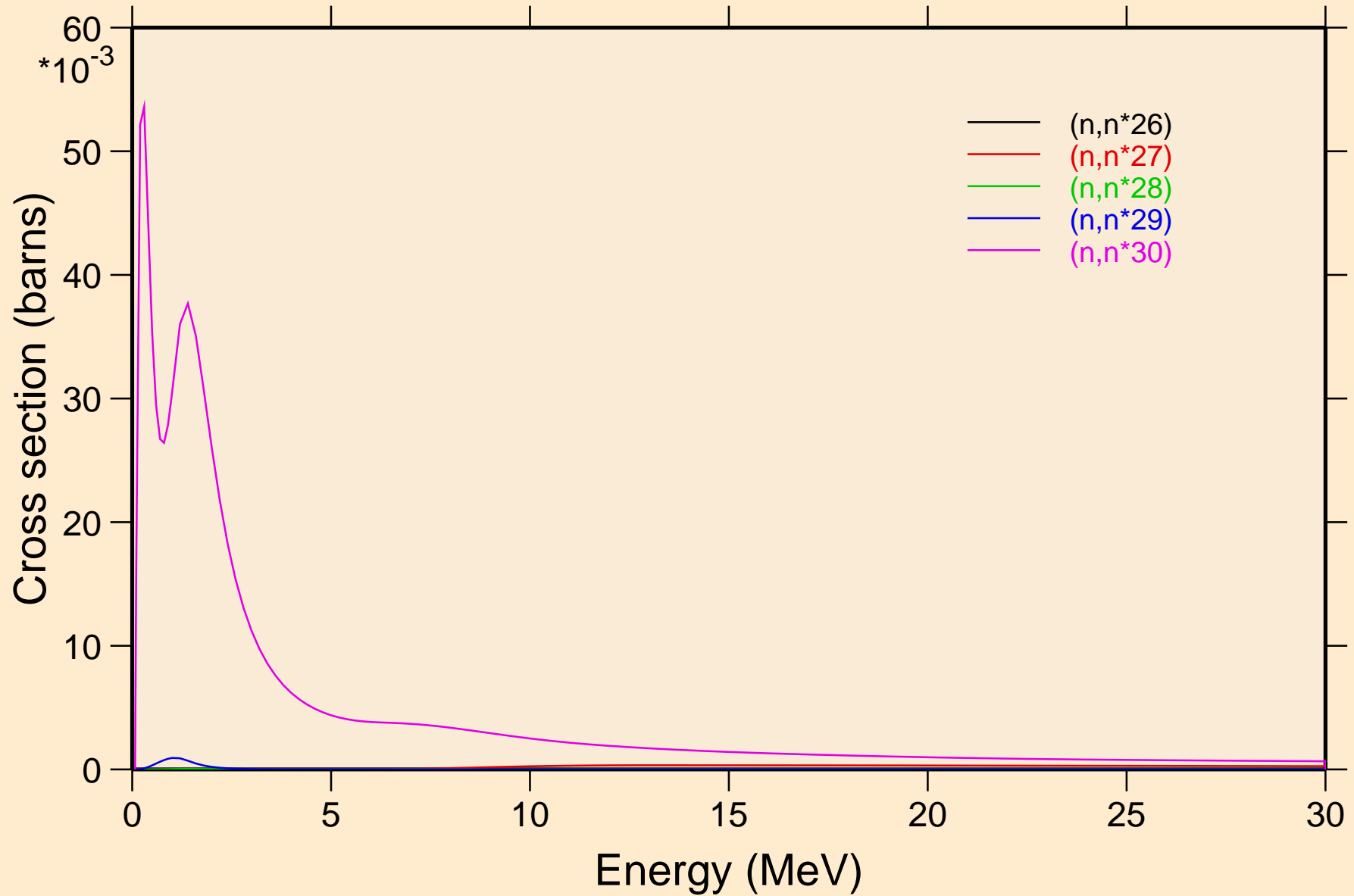
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



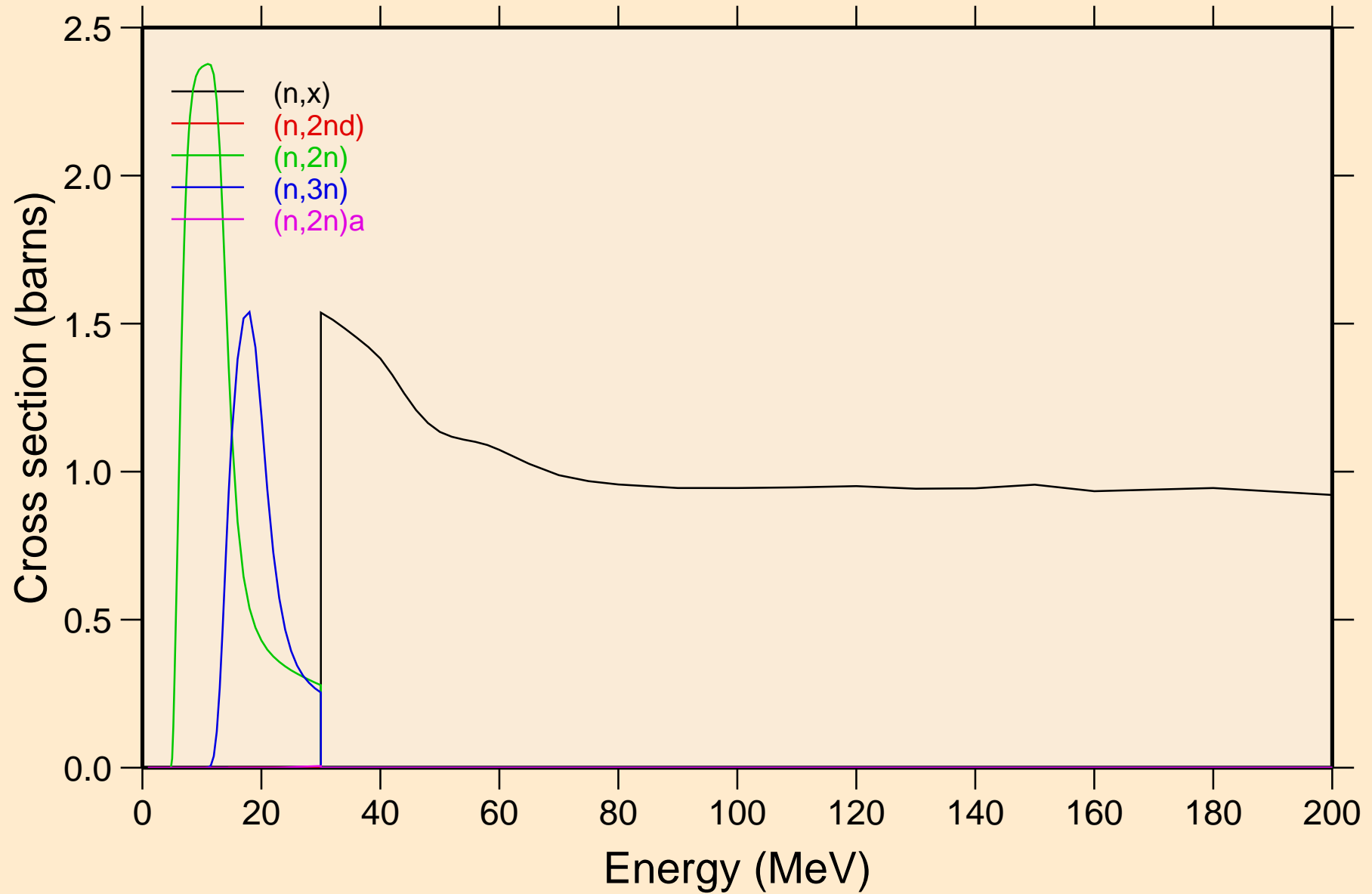
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



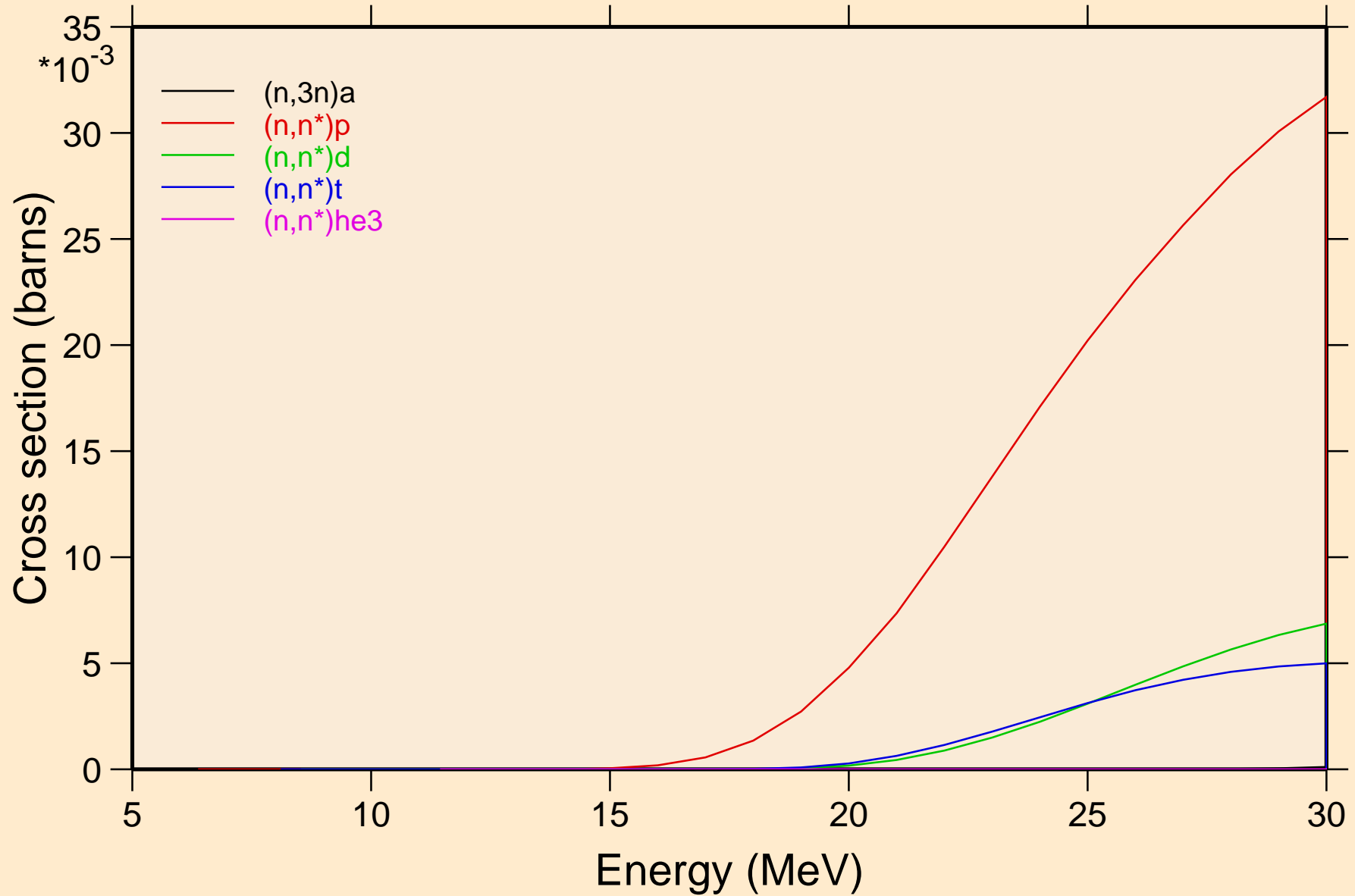
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



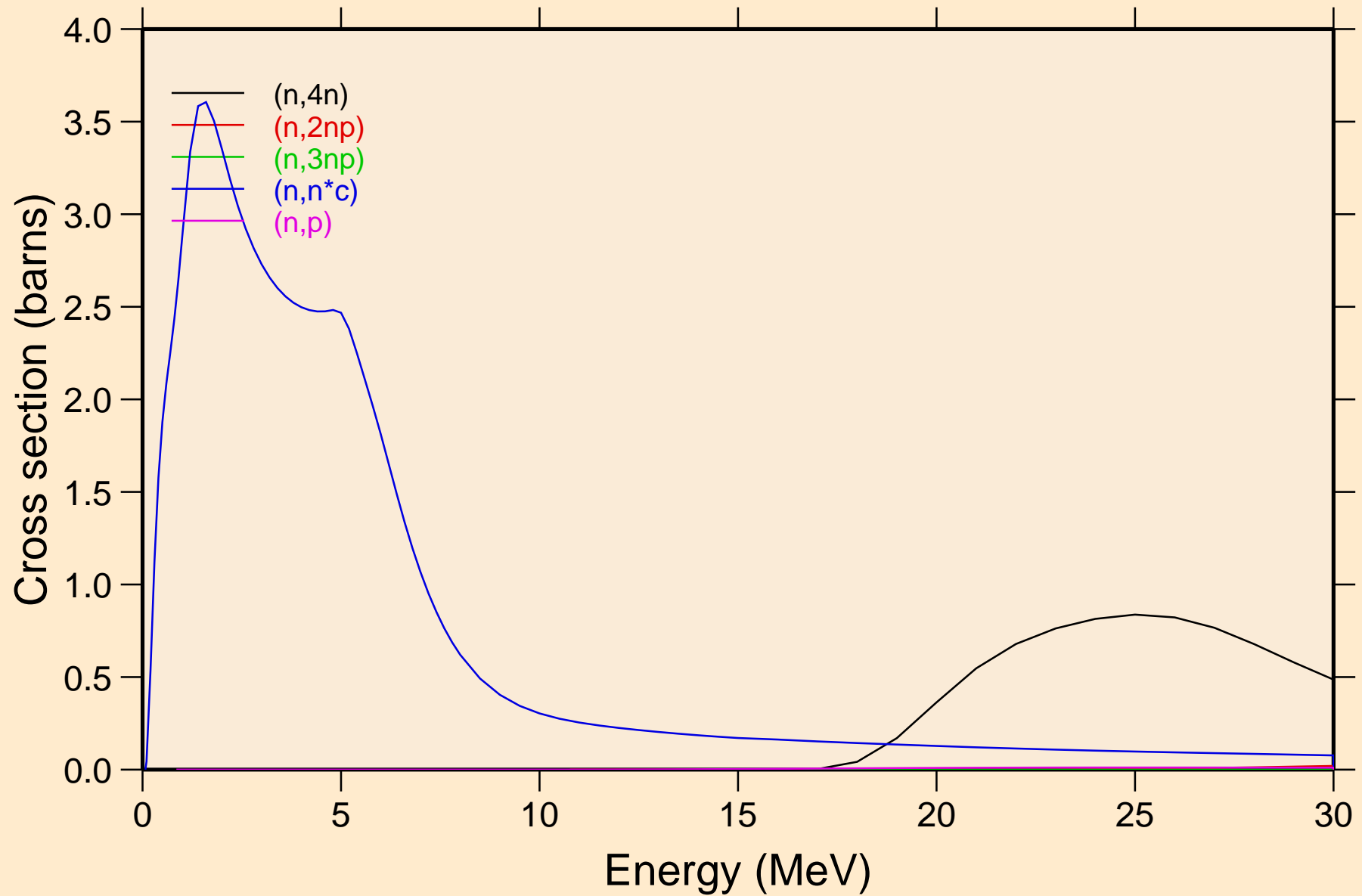
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



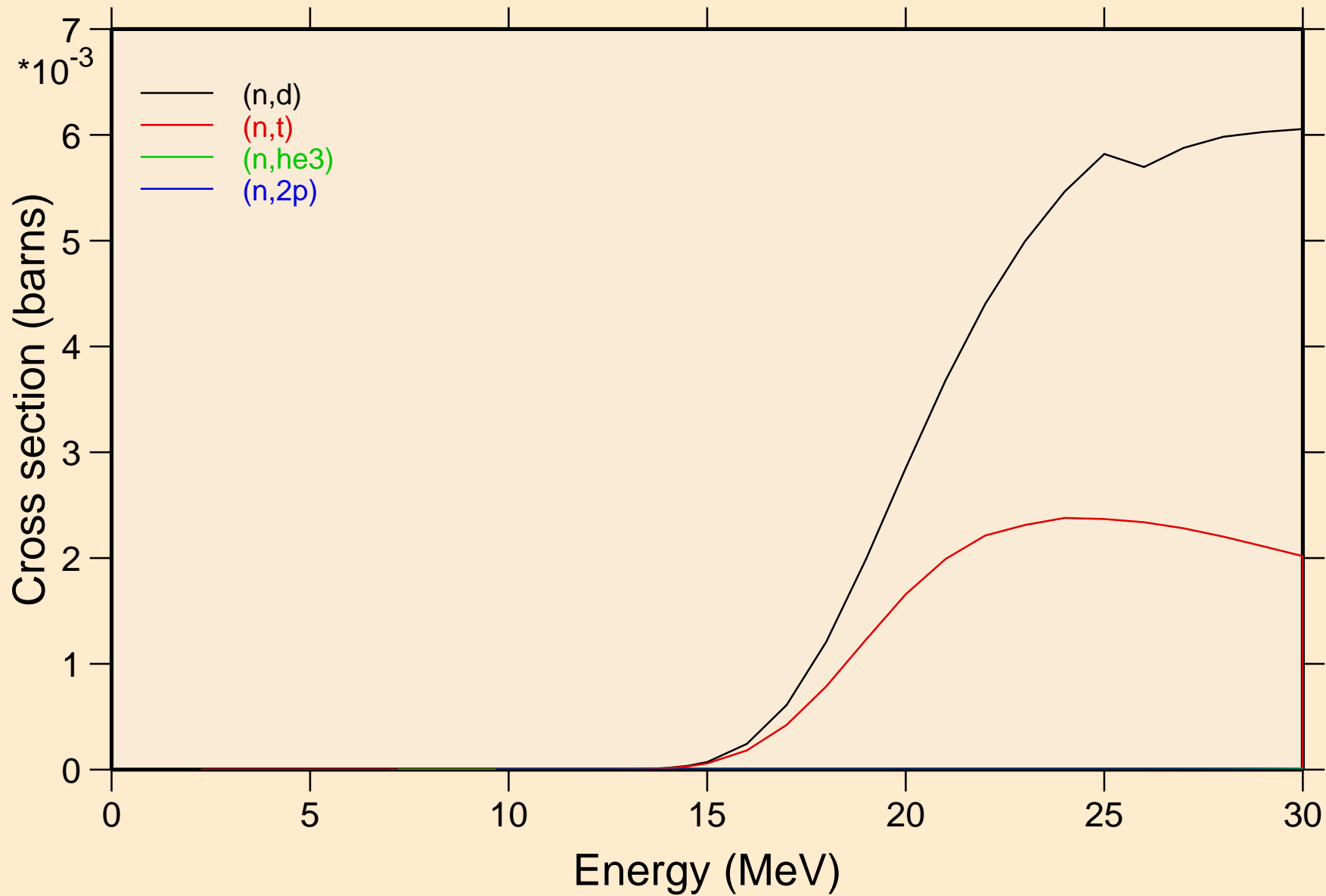
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

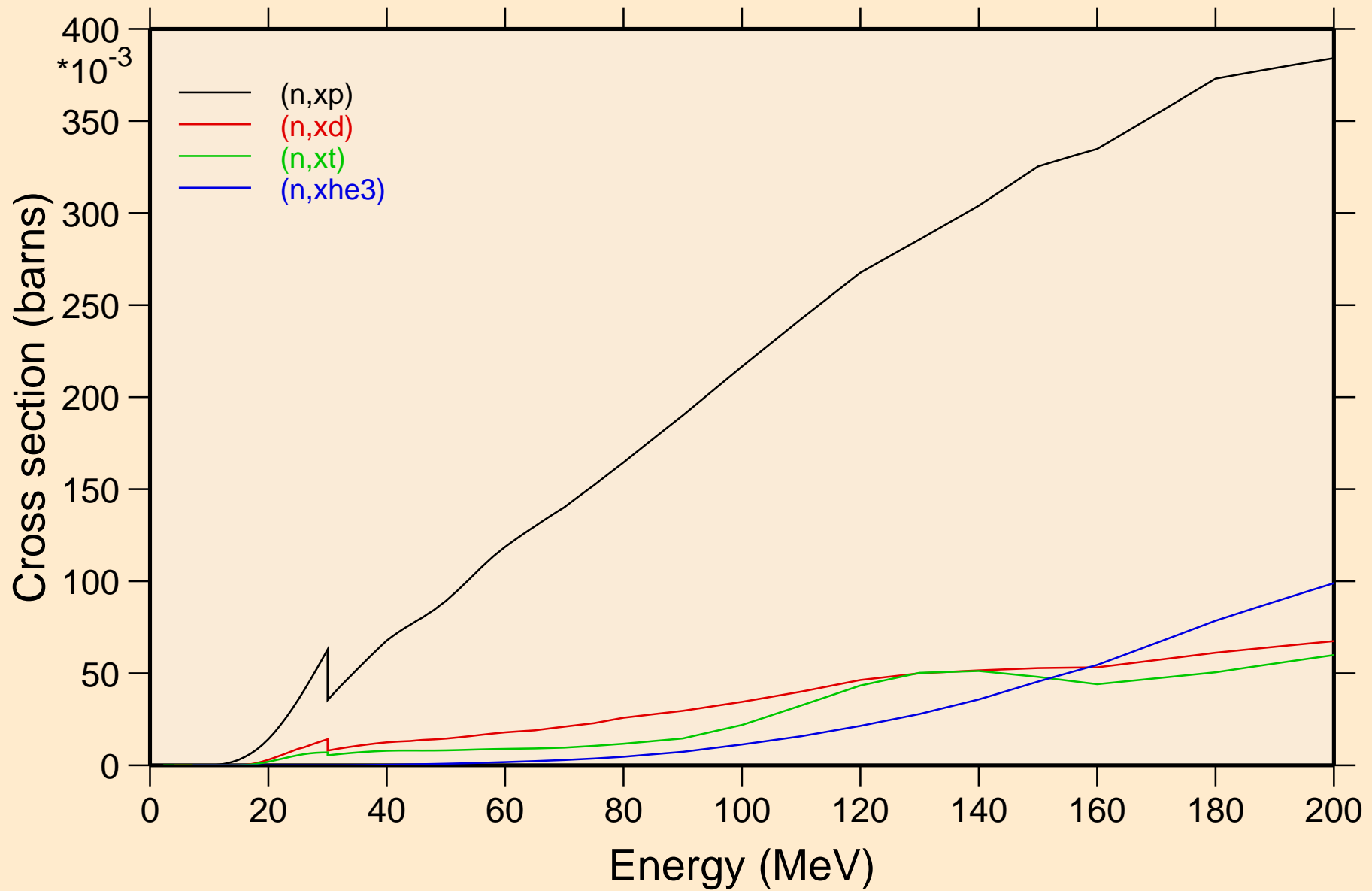


PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

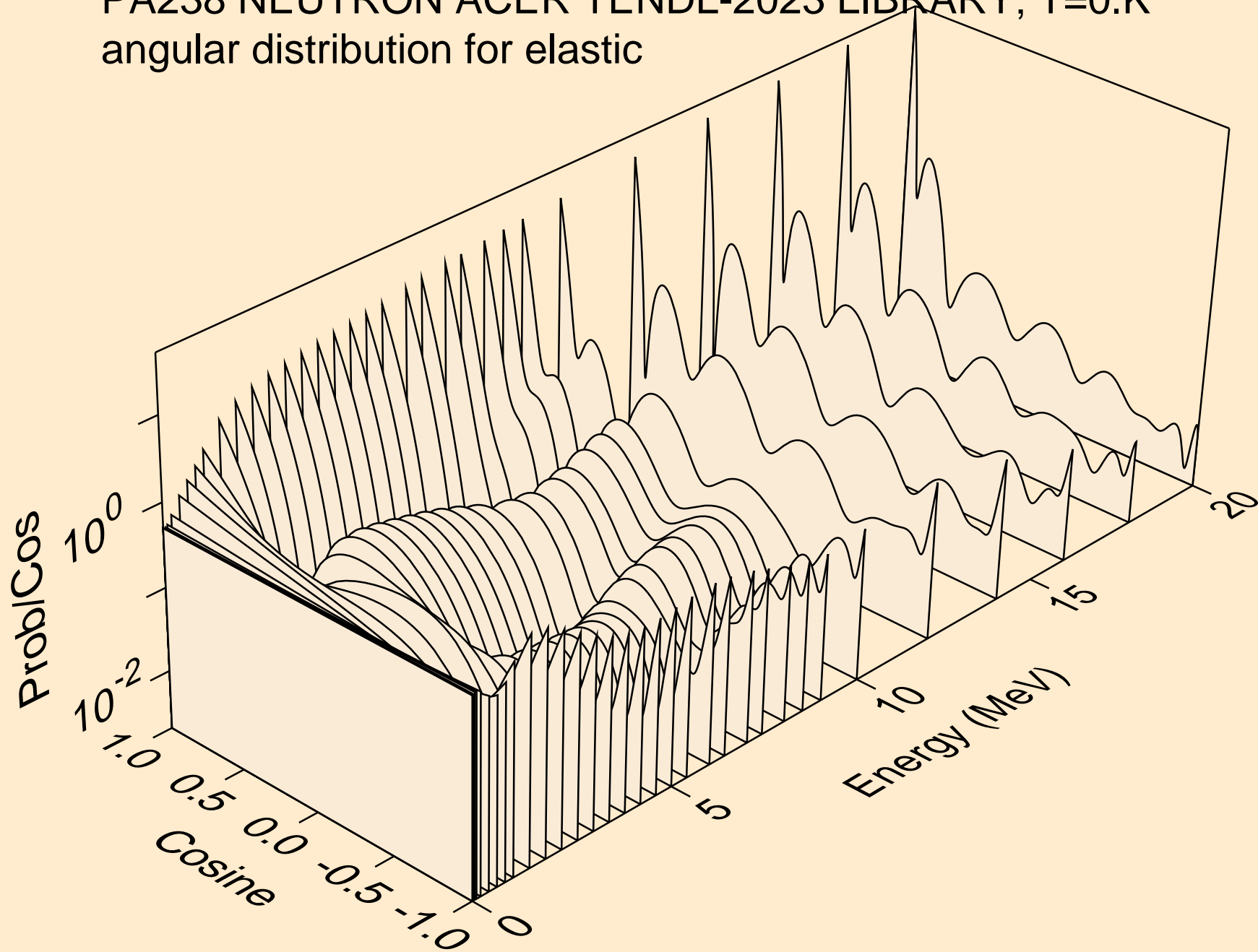


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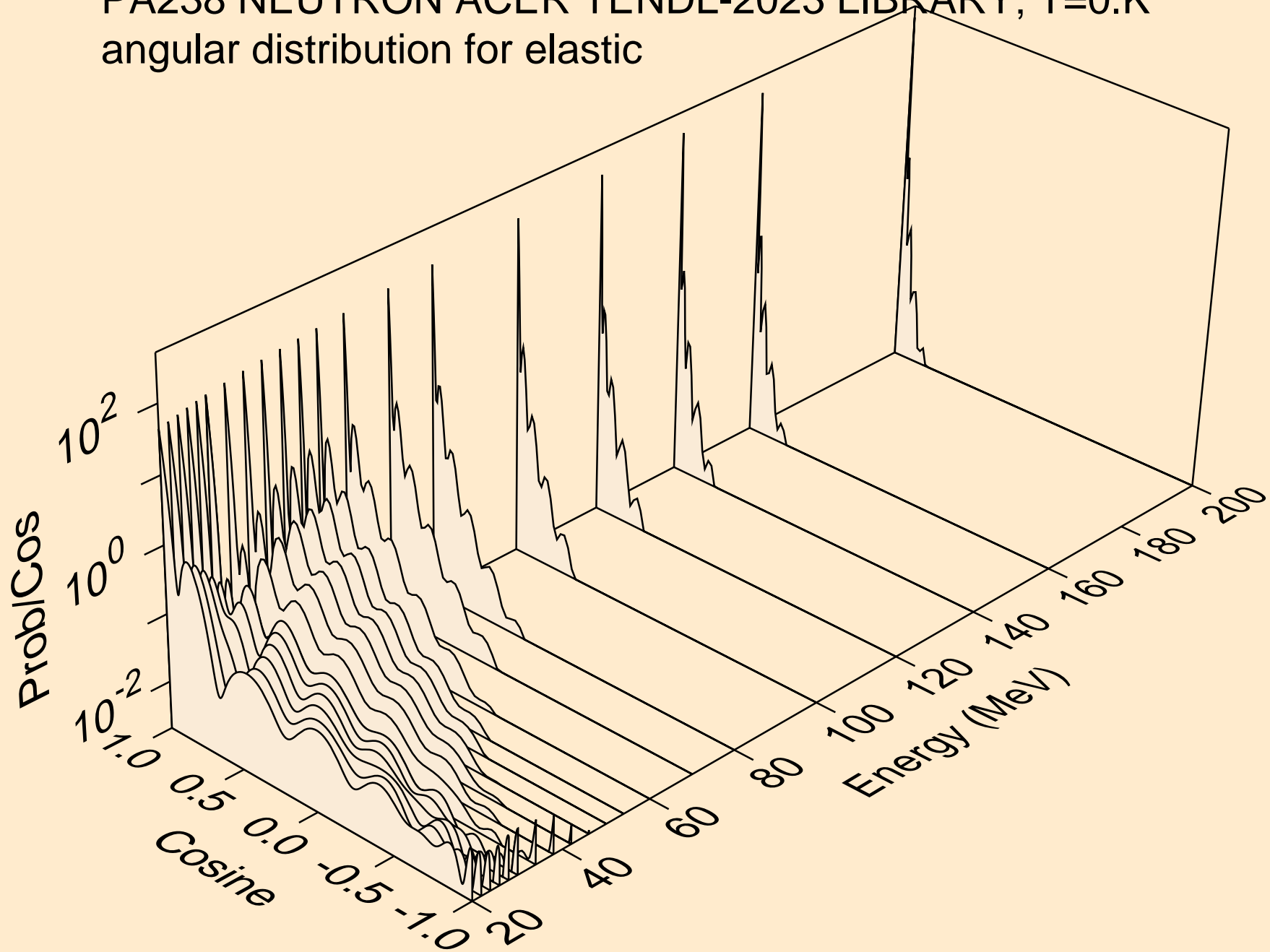
Threshold reactions



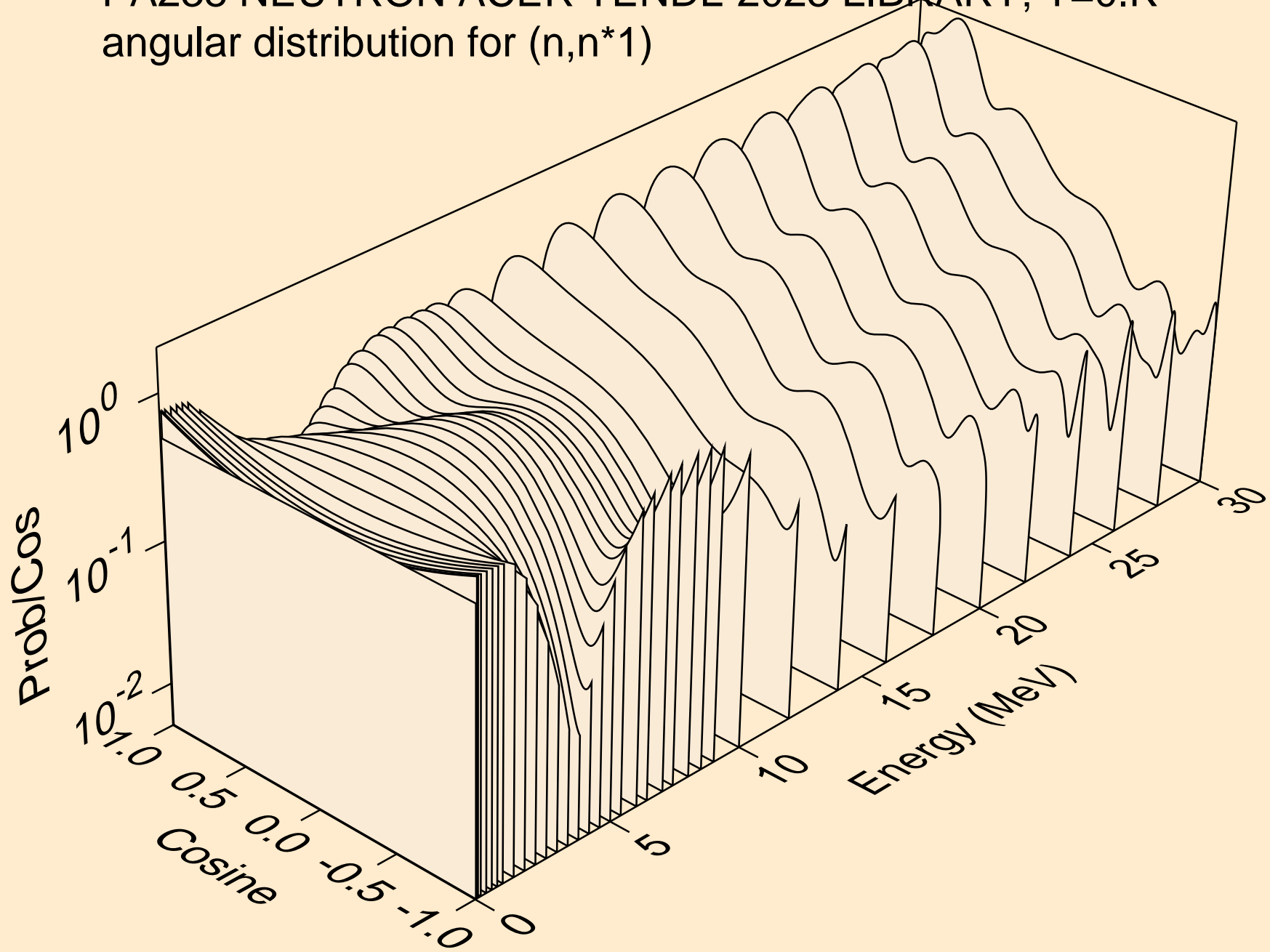
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



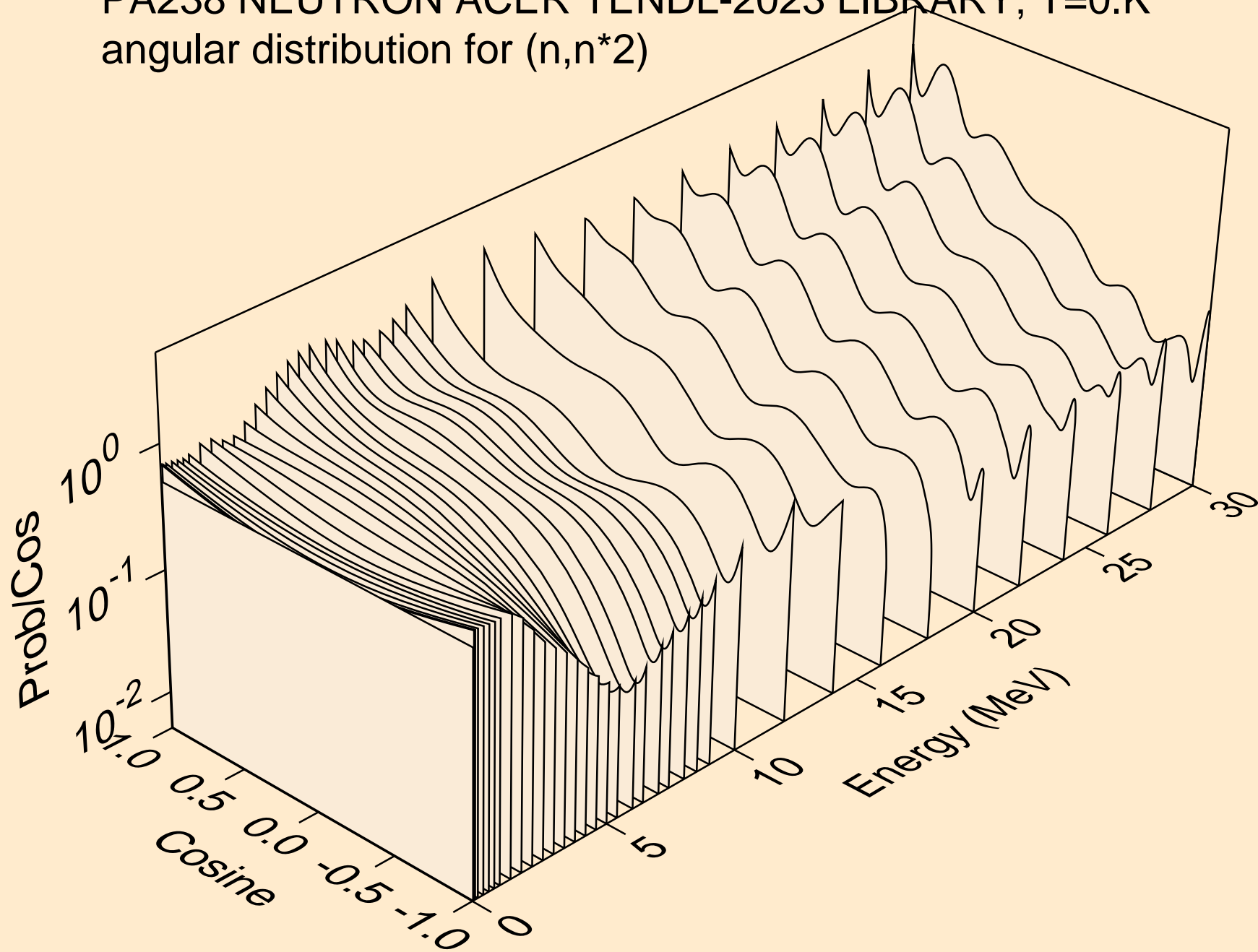
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angular distribution for elastic



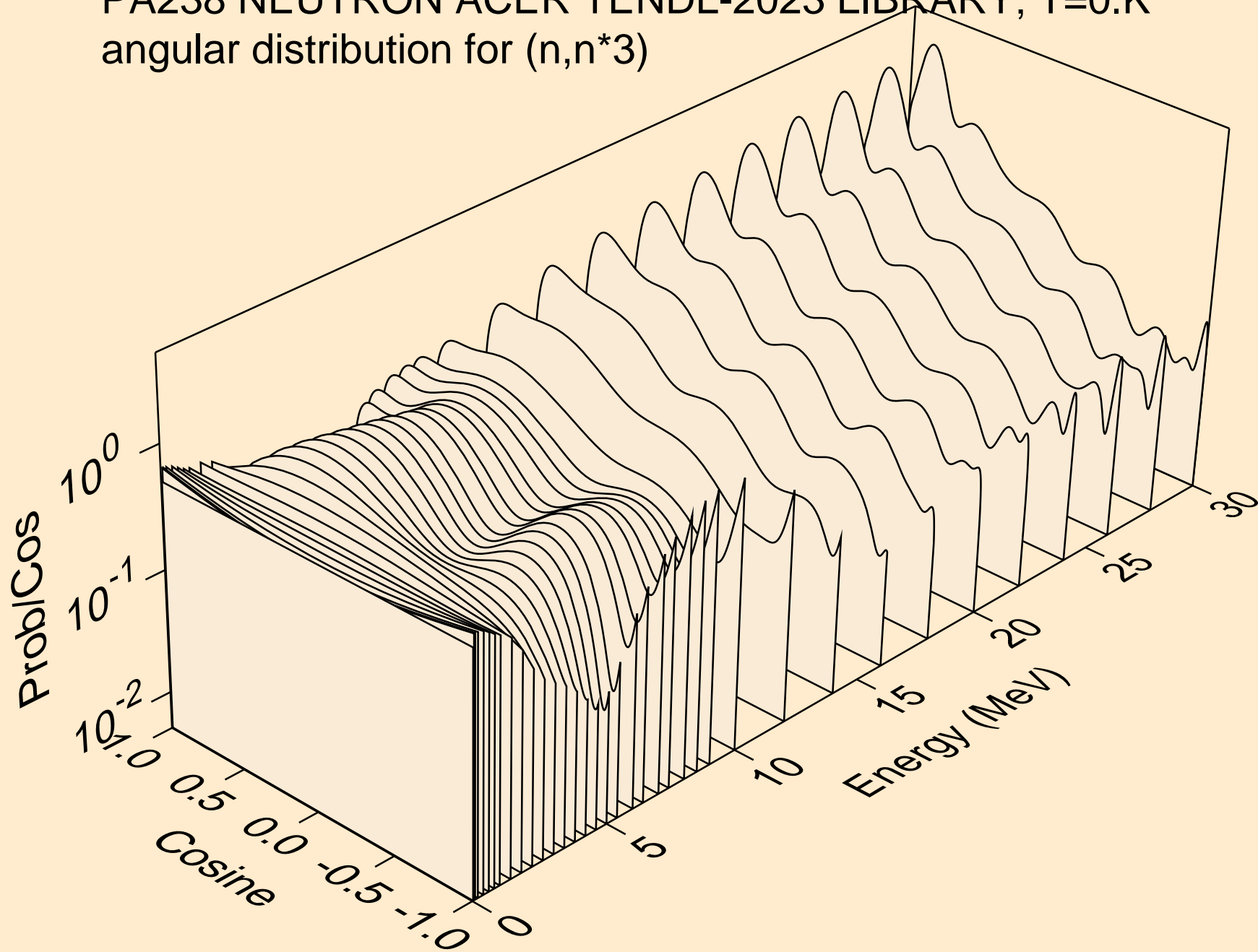
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



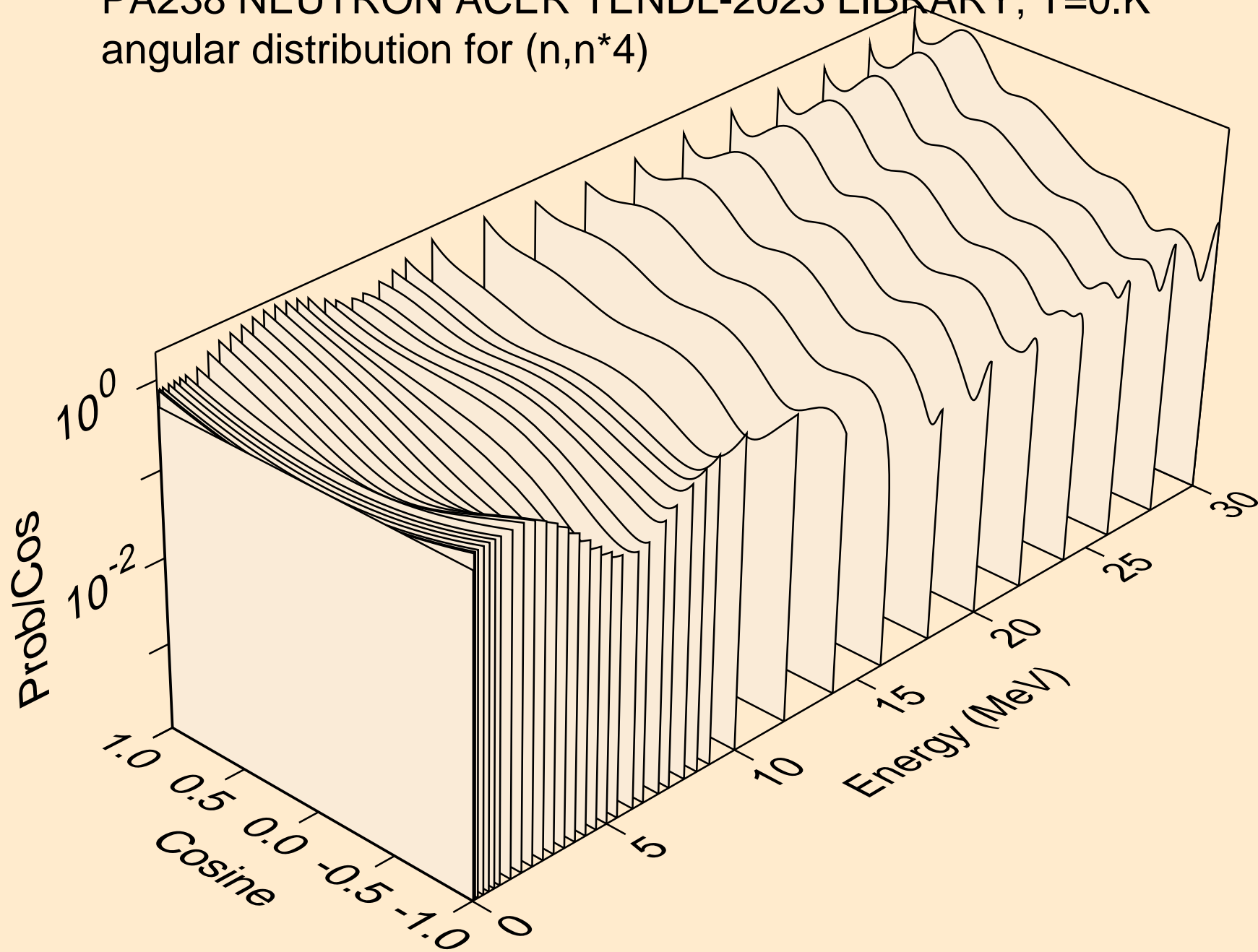
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



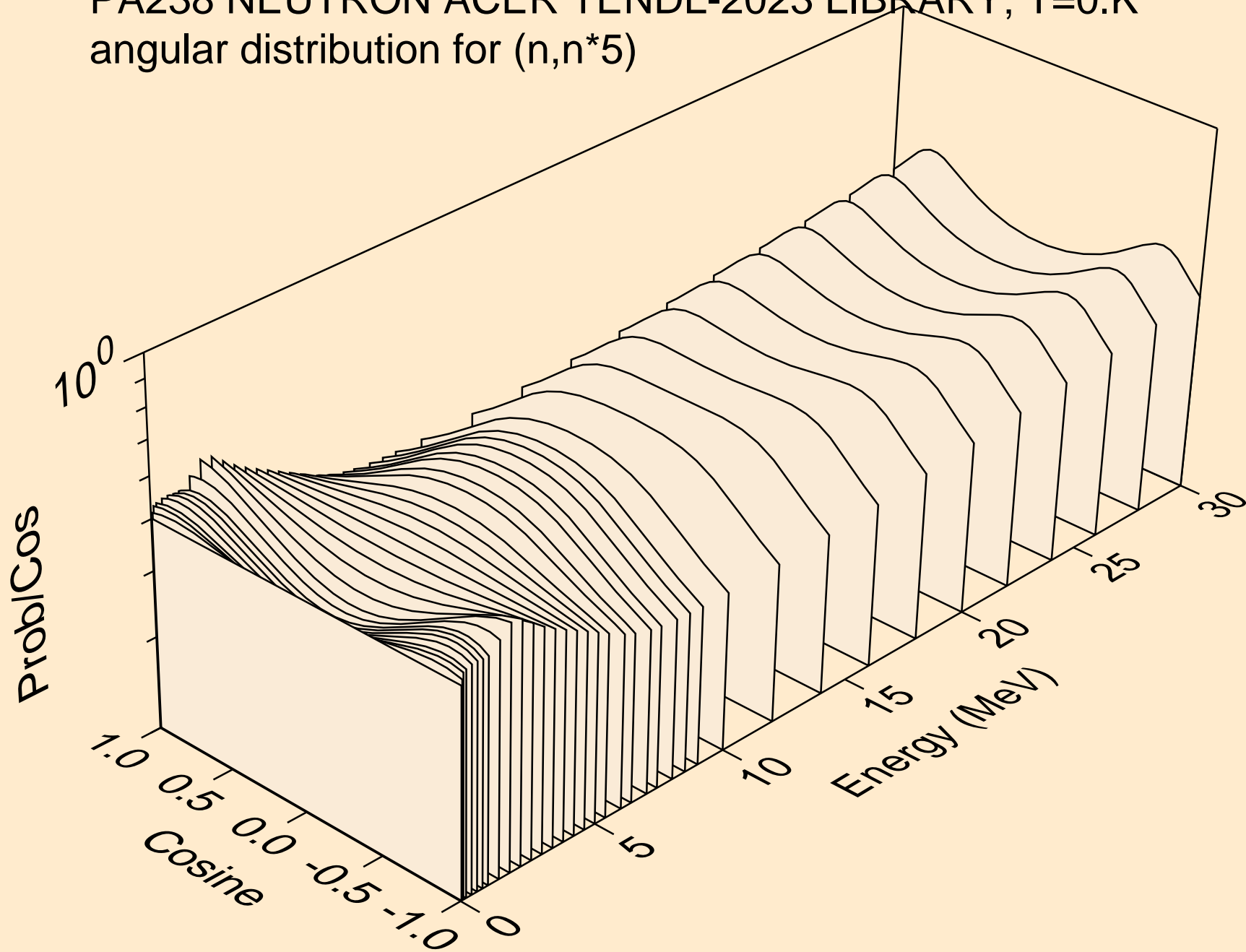
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



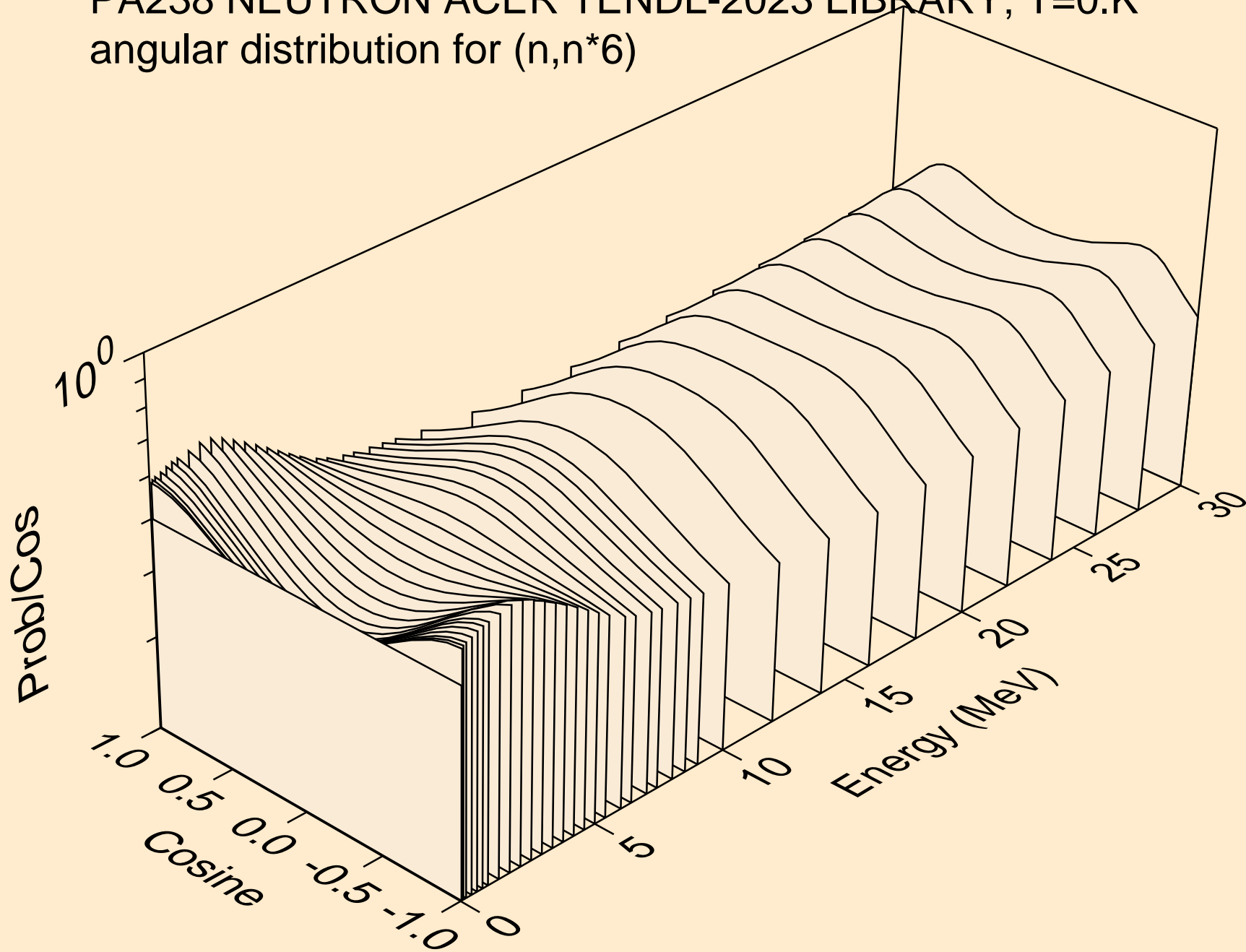
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



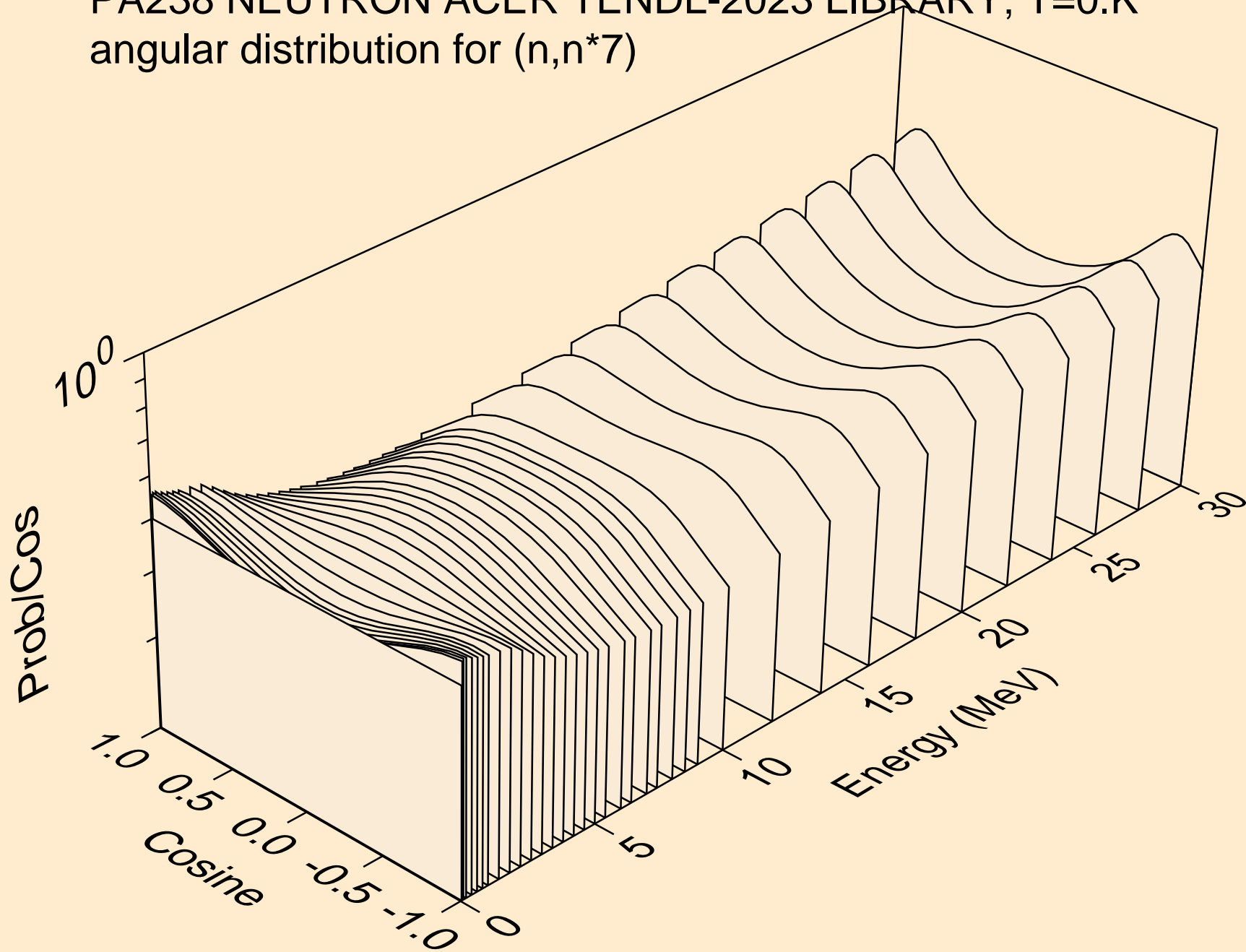
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



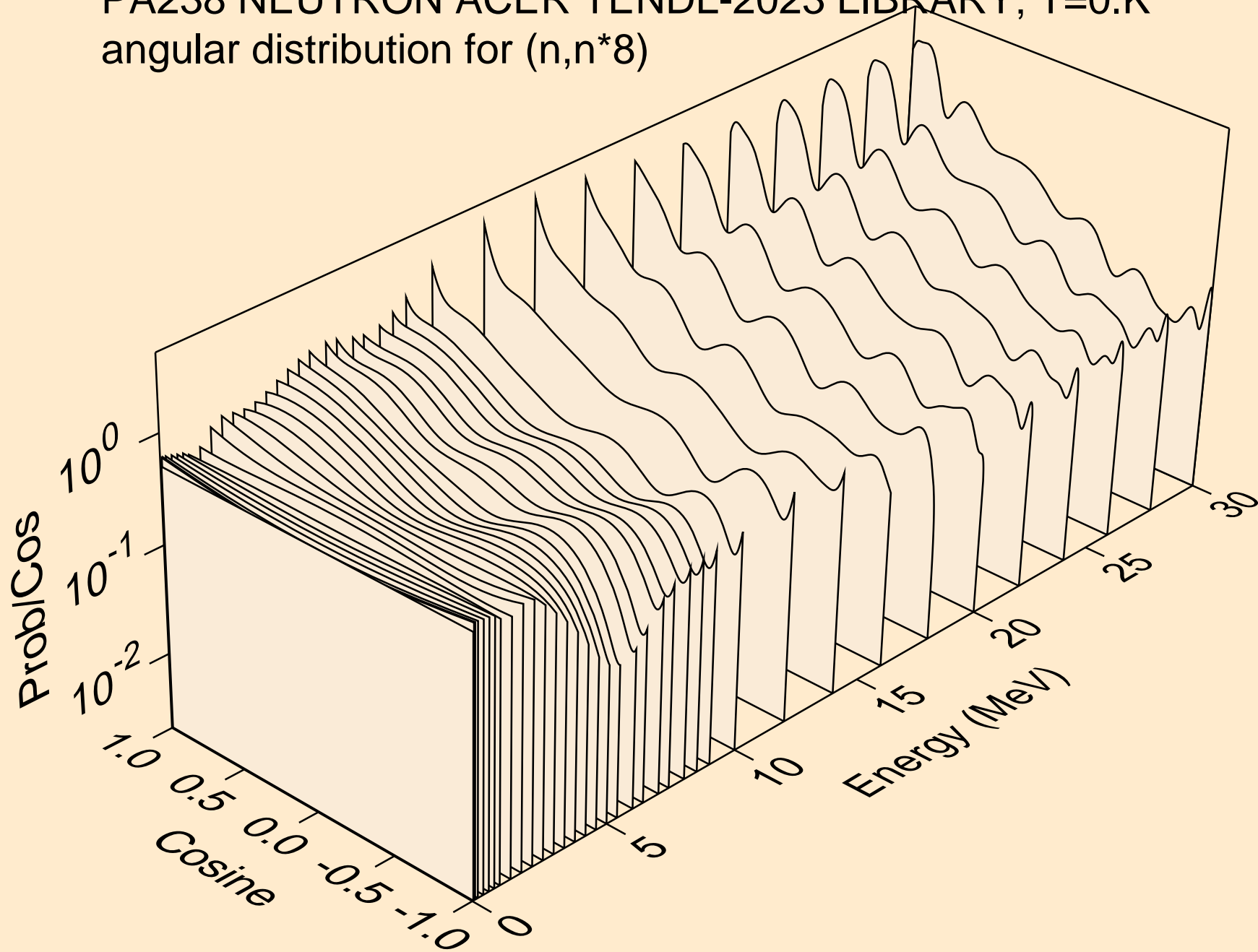
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



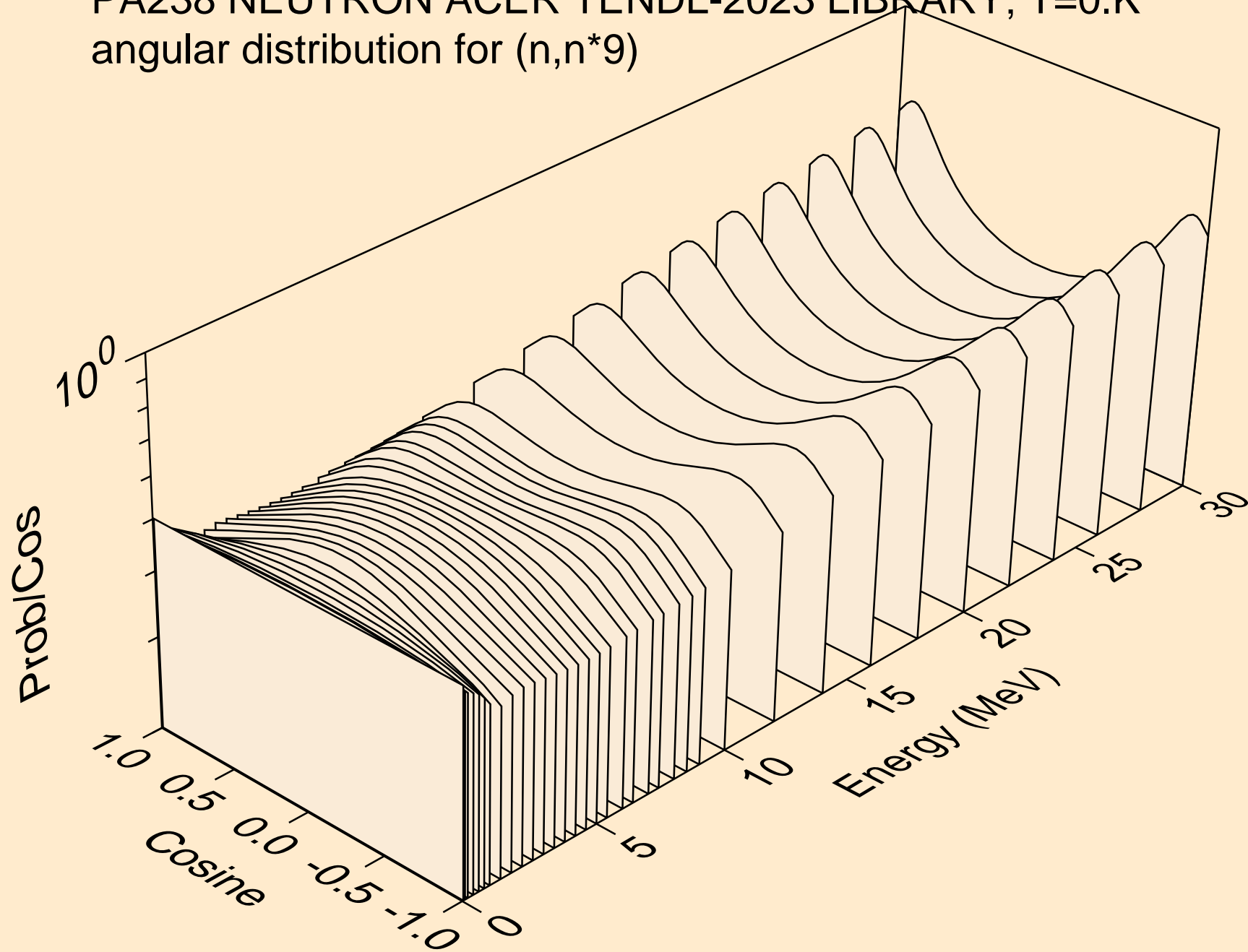
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



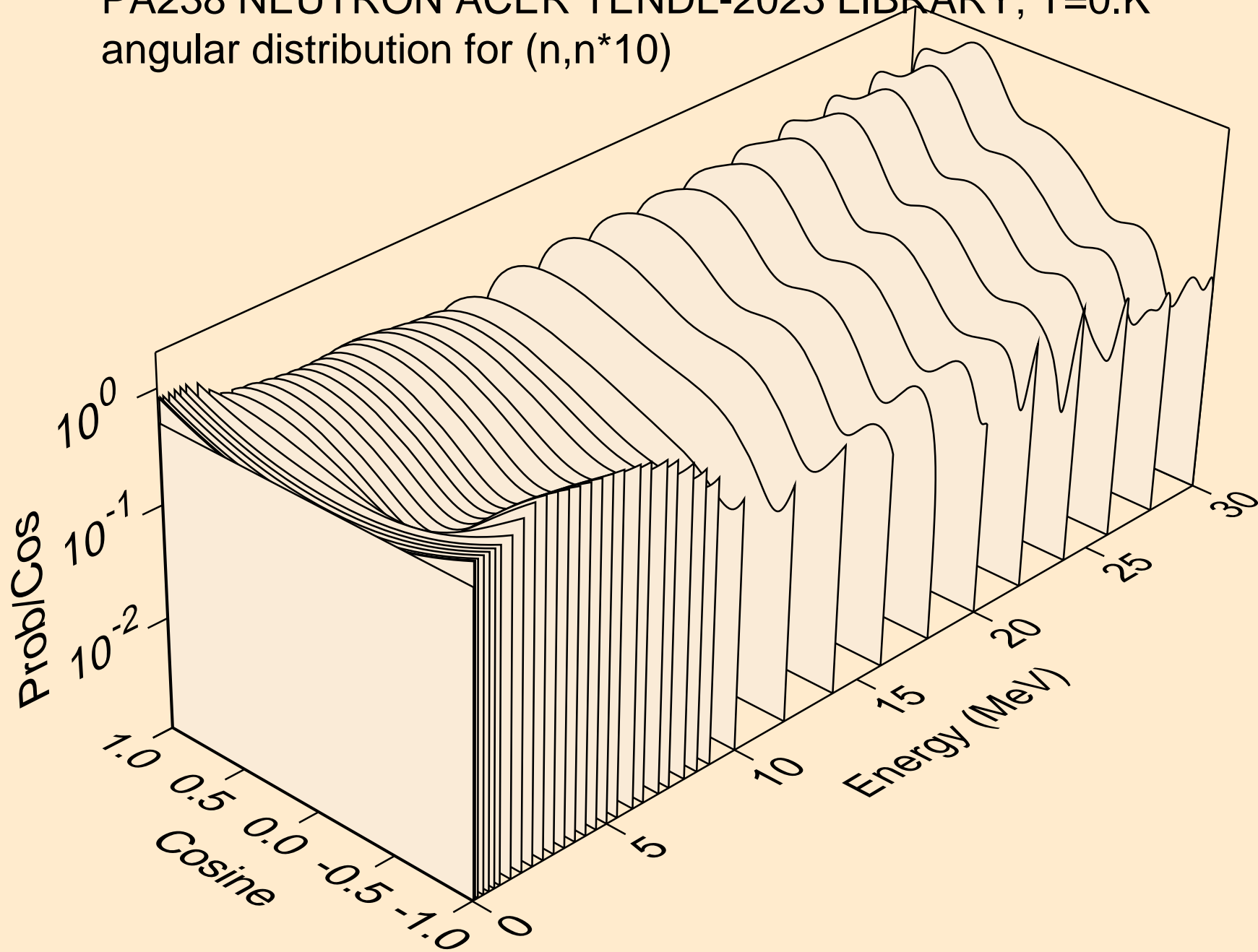
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angular distribution for (n,n*8)



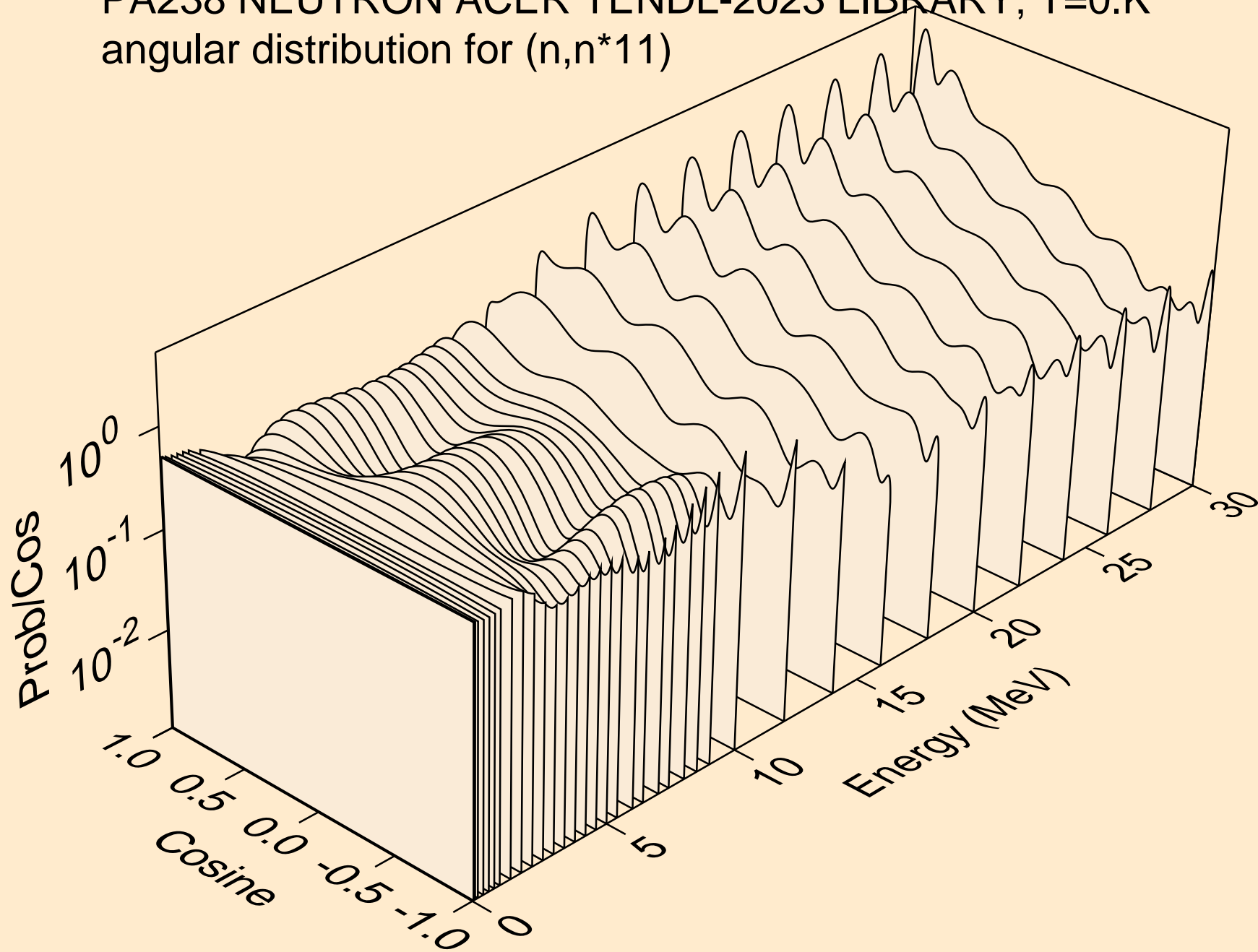
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angular distribution for (n,n*9)



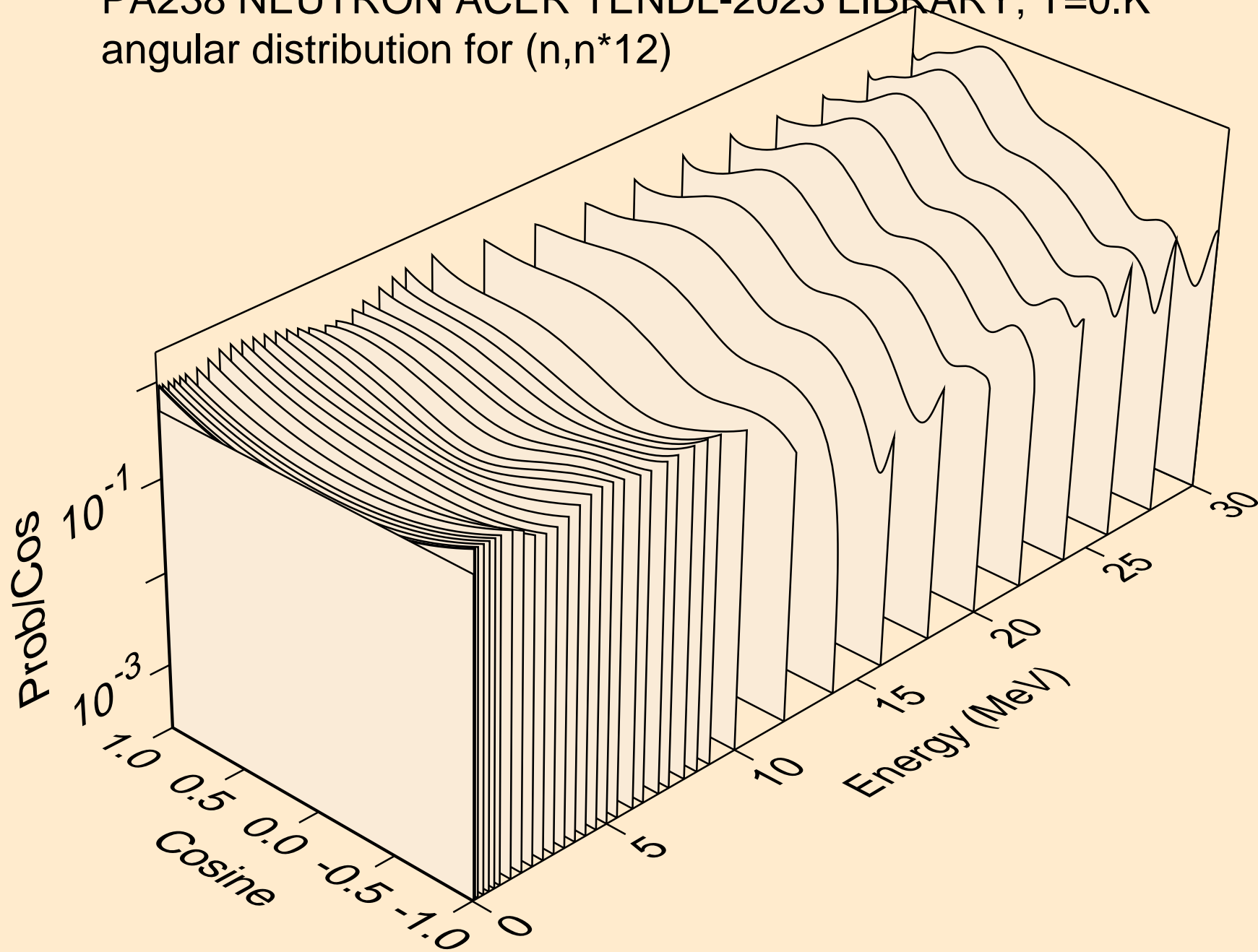
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angular distribution for (n,n*10)



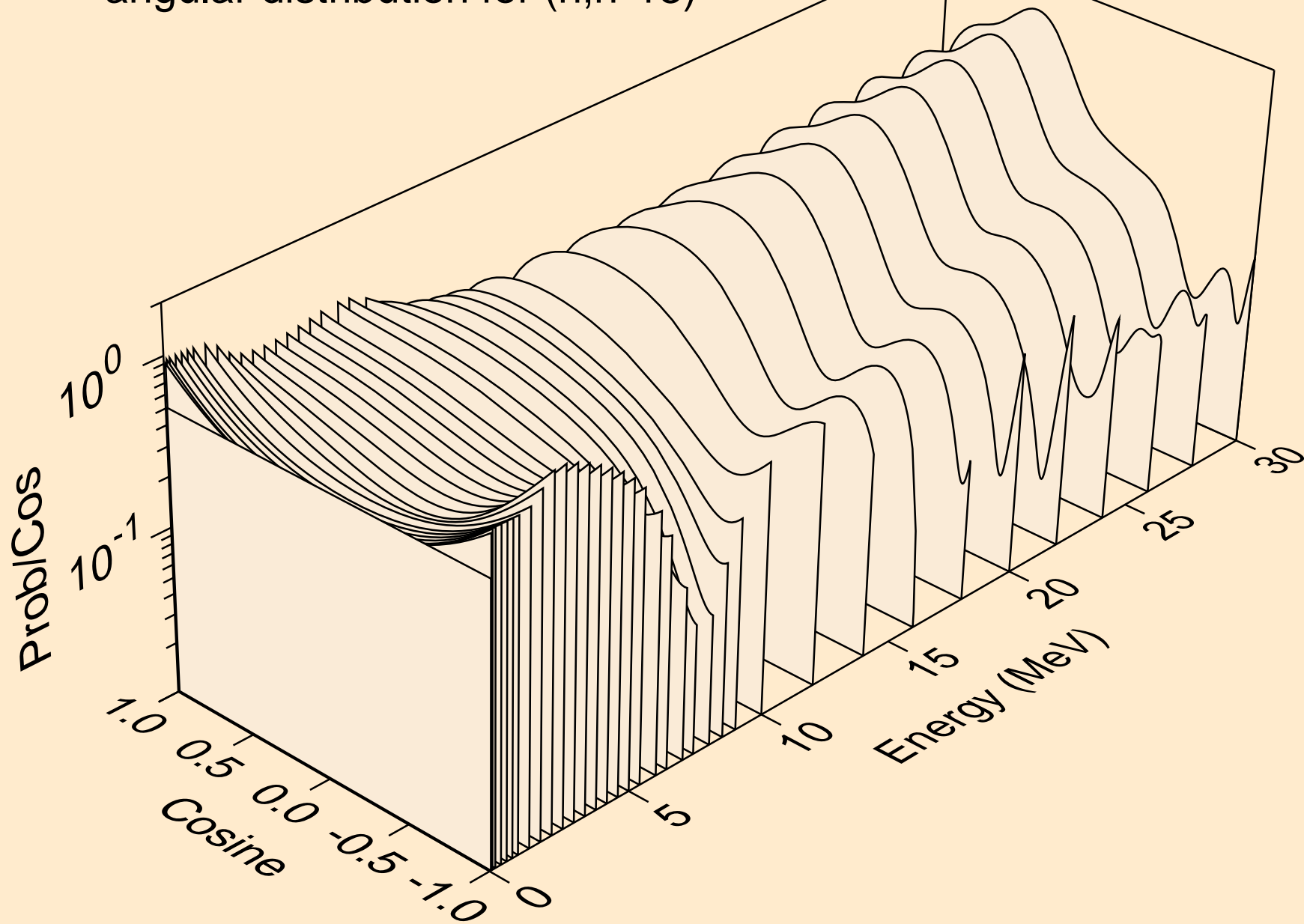
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angular distribution for (n,n*11)



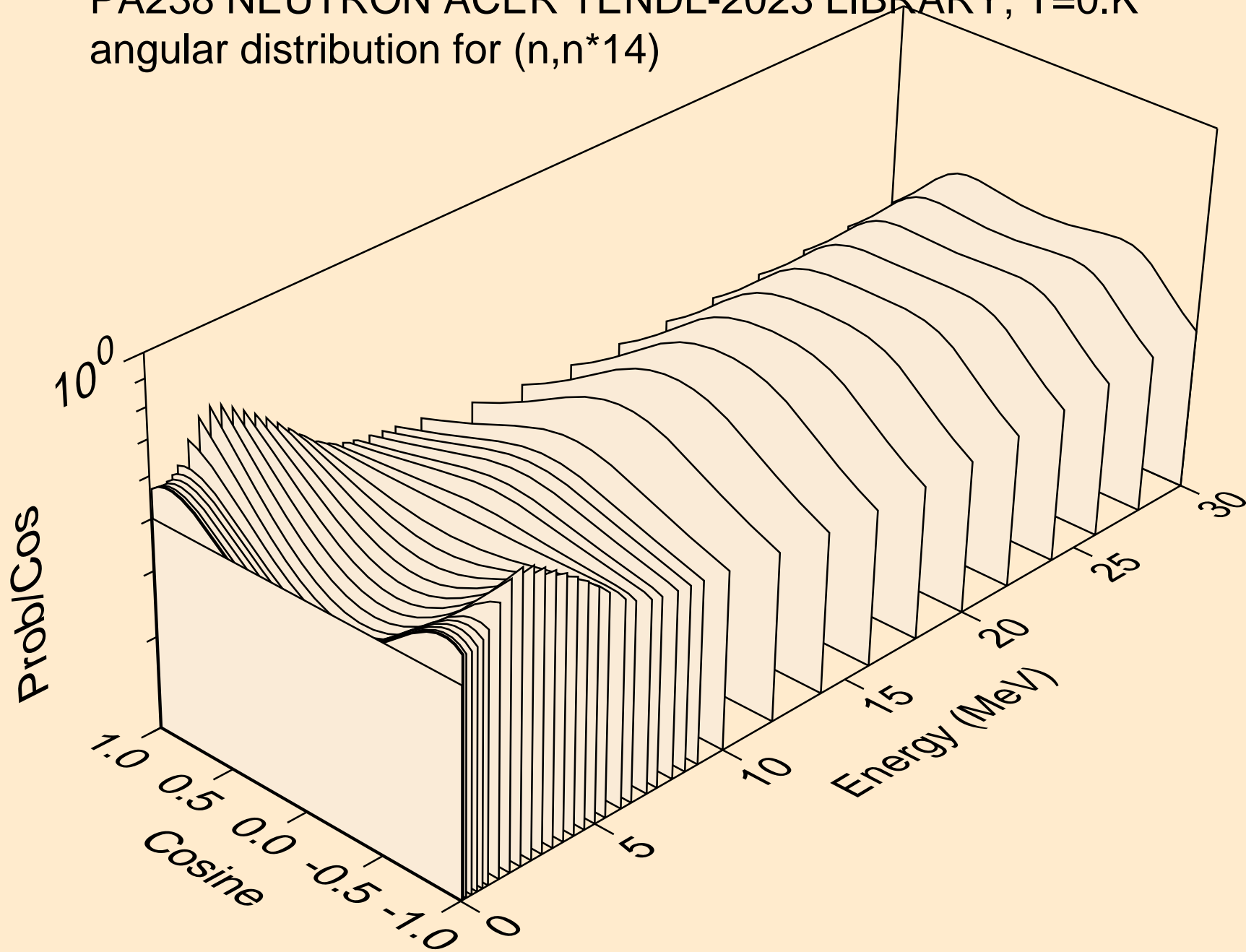
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angular distribution for (n,n*12)



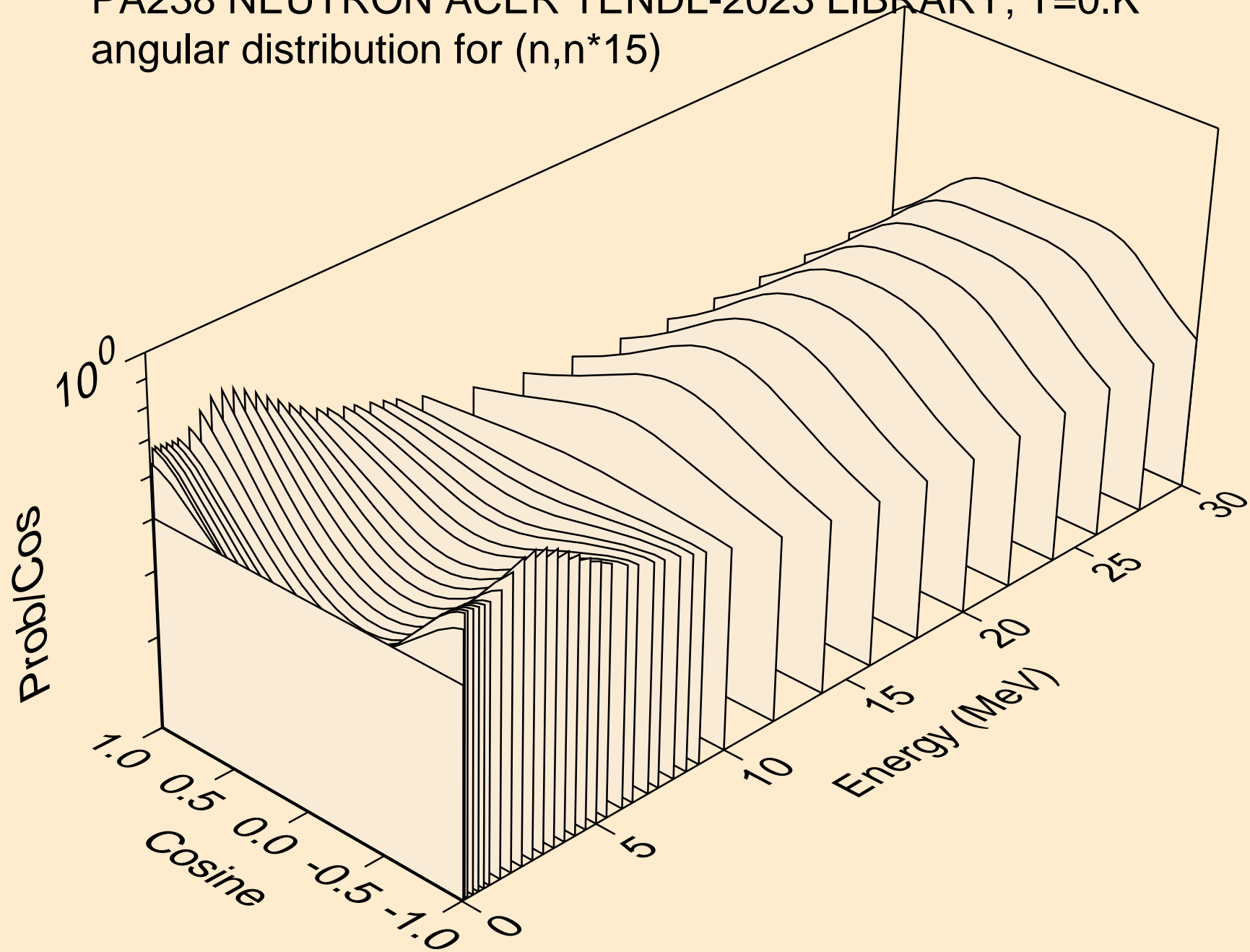
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angular distribution for (n,n*13)



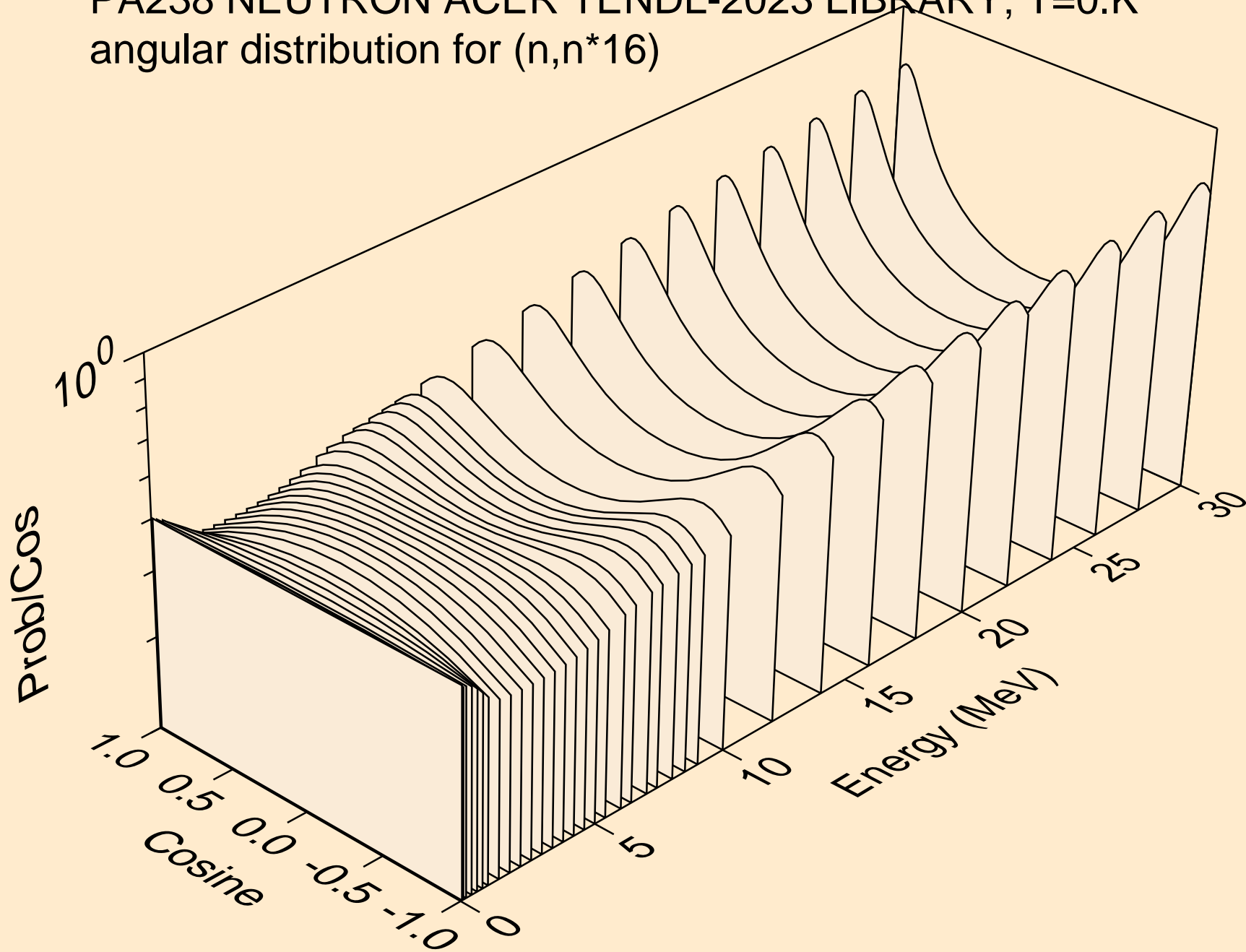
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angular distribution for (n,n*14)



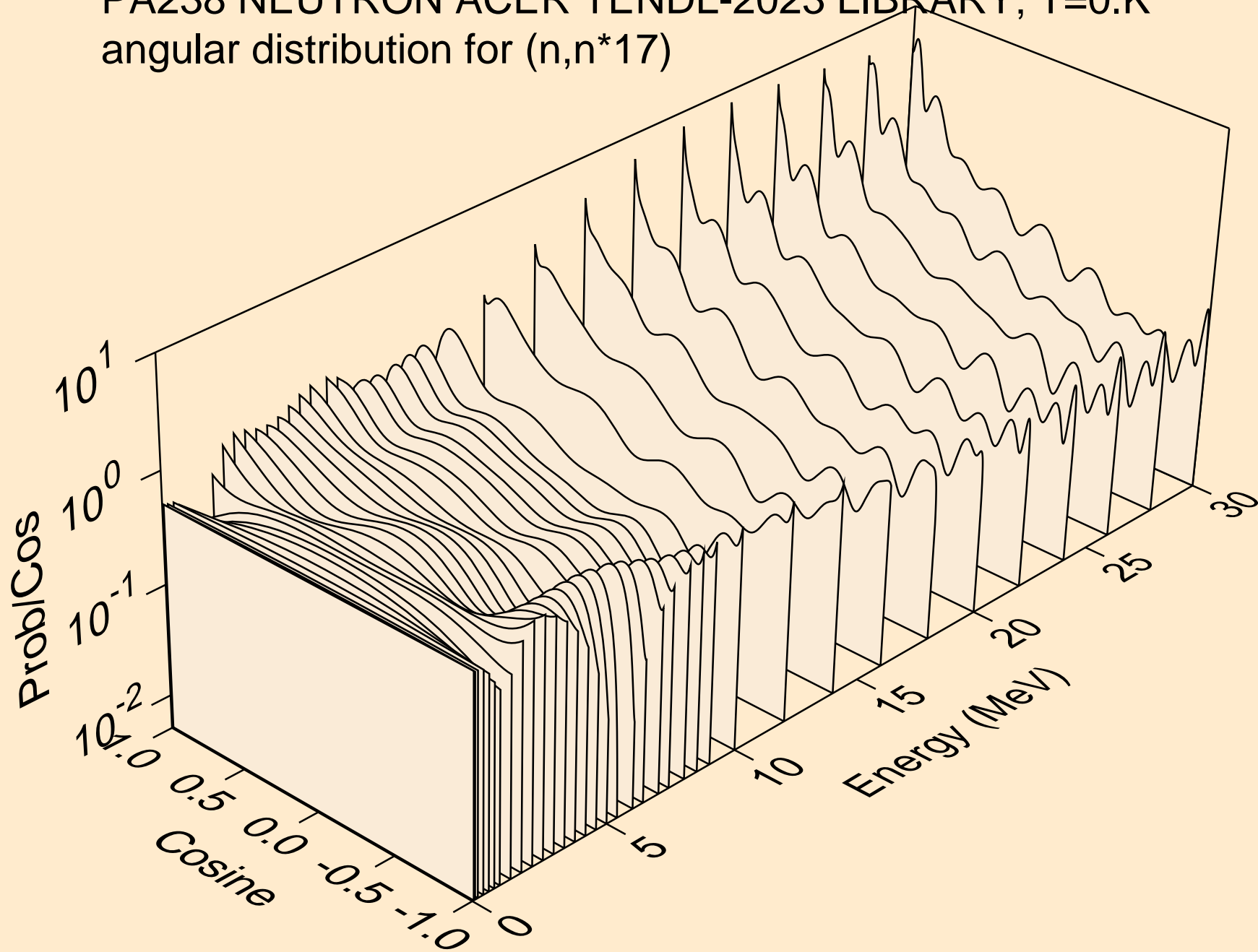
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angular distribution for (n,n*15)



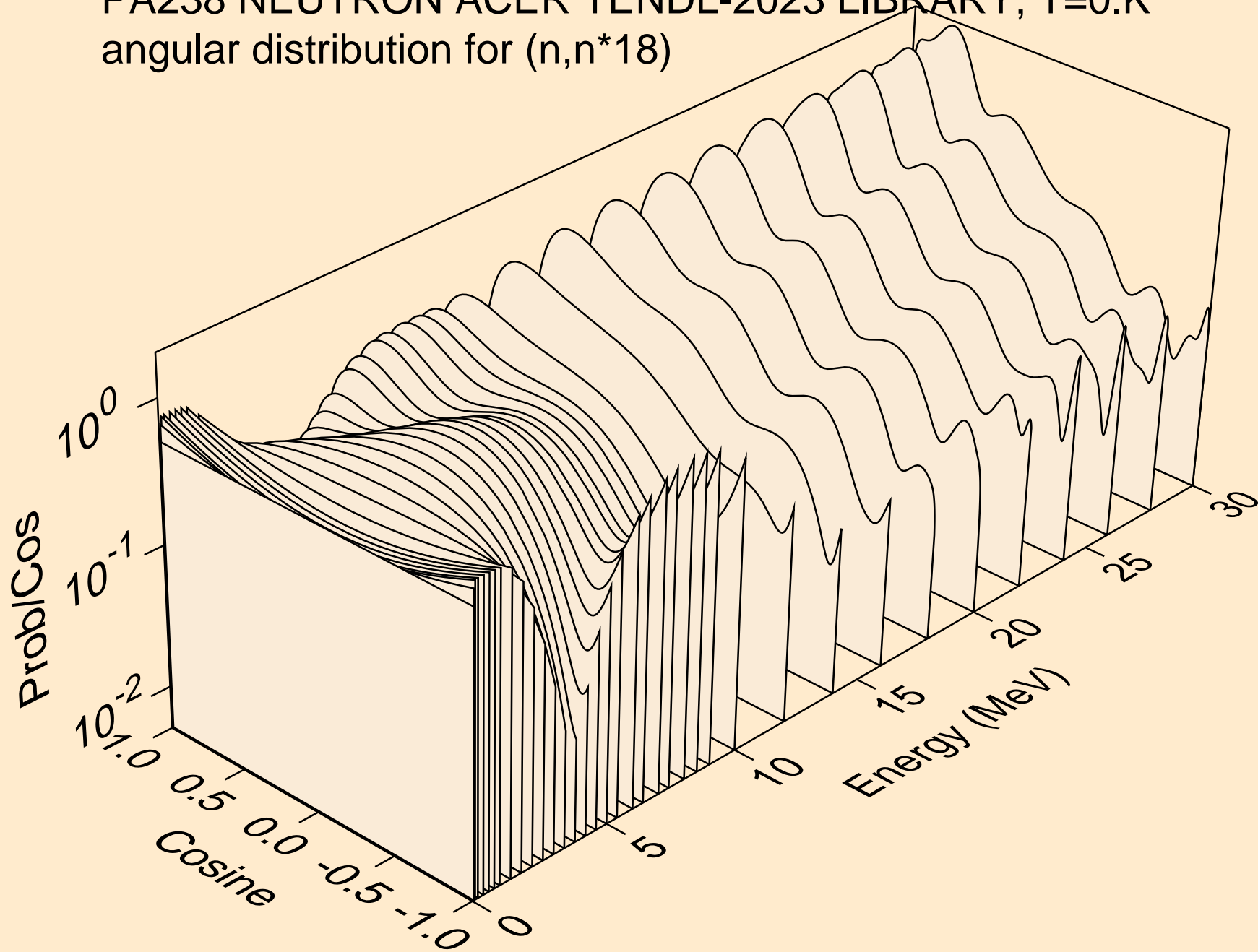
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angular distribution for (n,n*16)



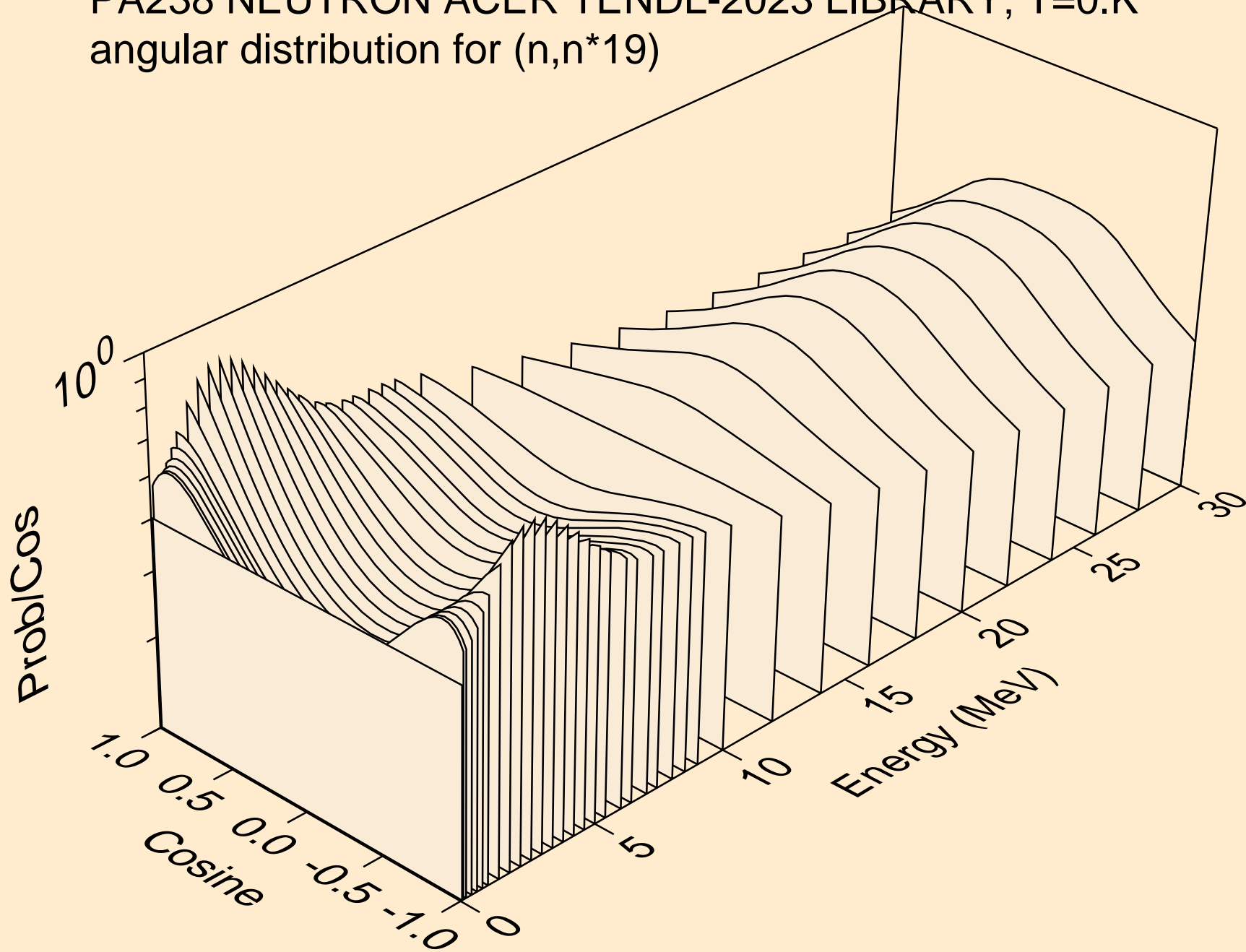
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angular distribution for (n,n*17)



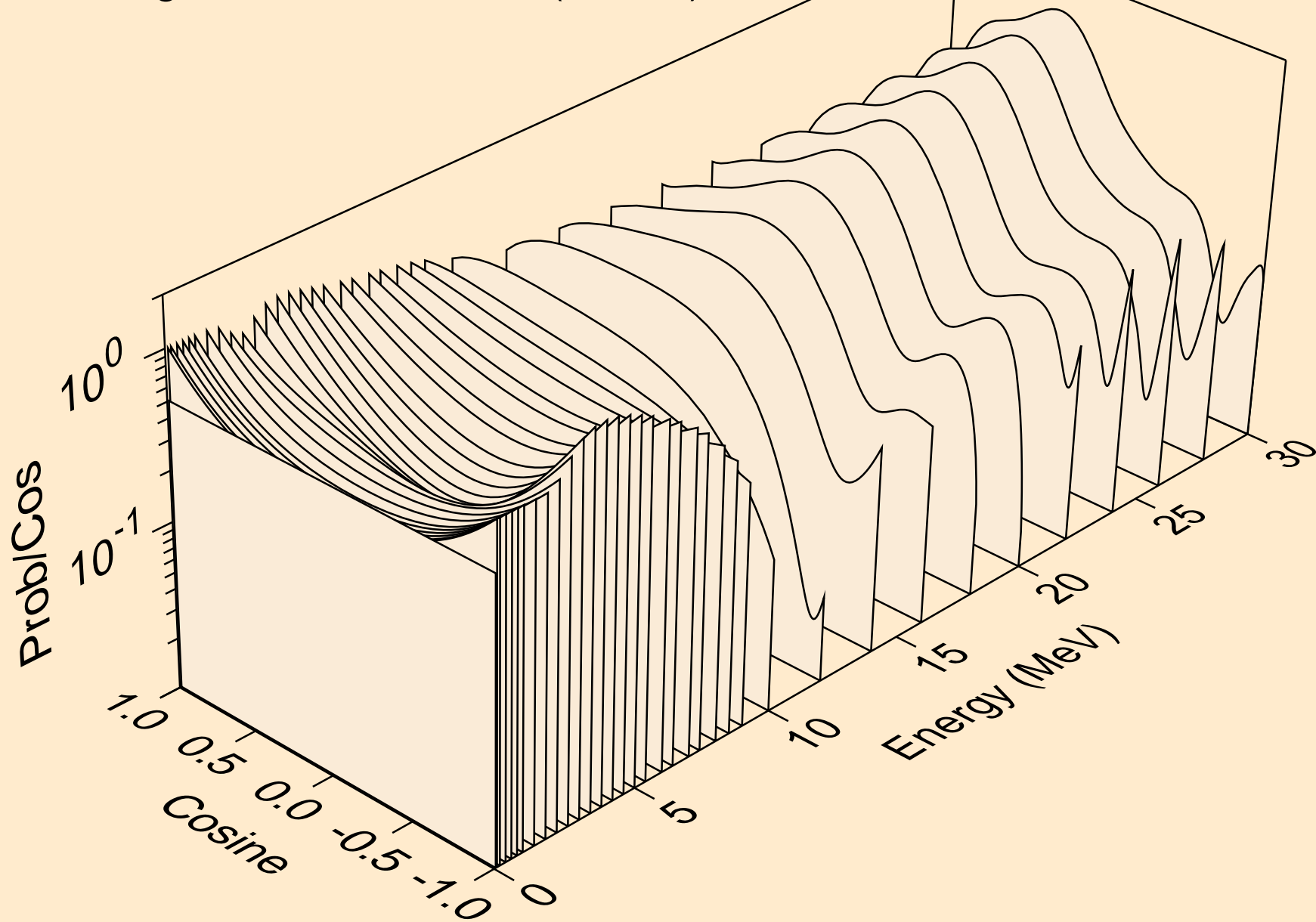
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angular distribution for (n,n*18)



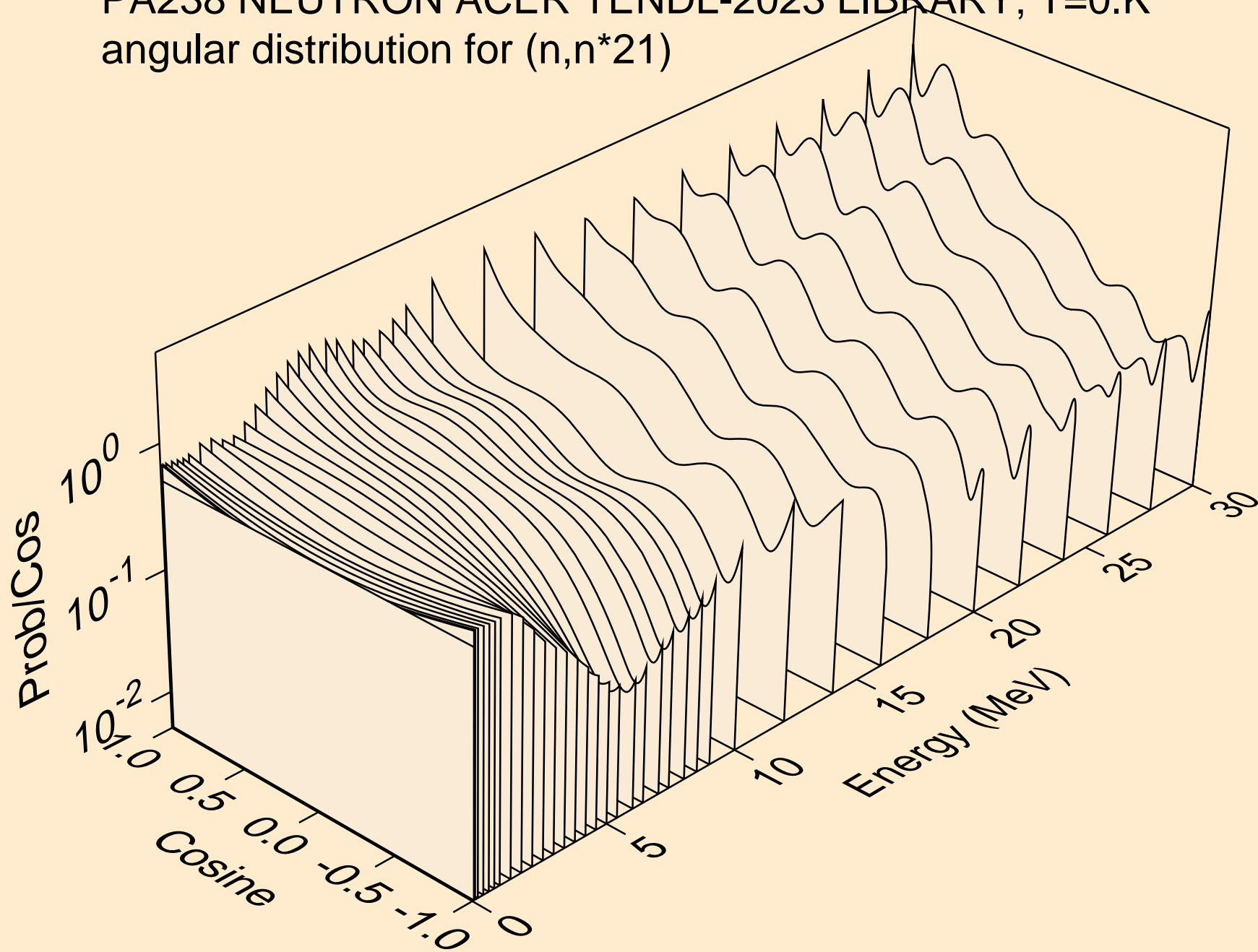
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angular distribution for (n,n*19)



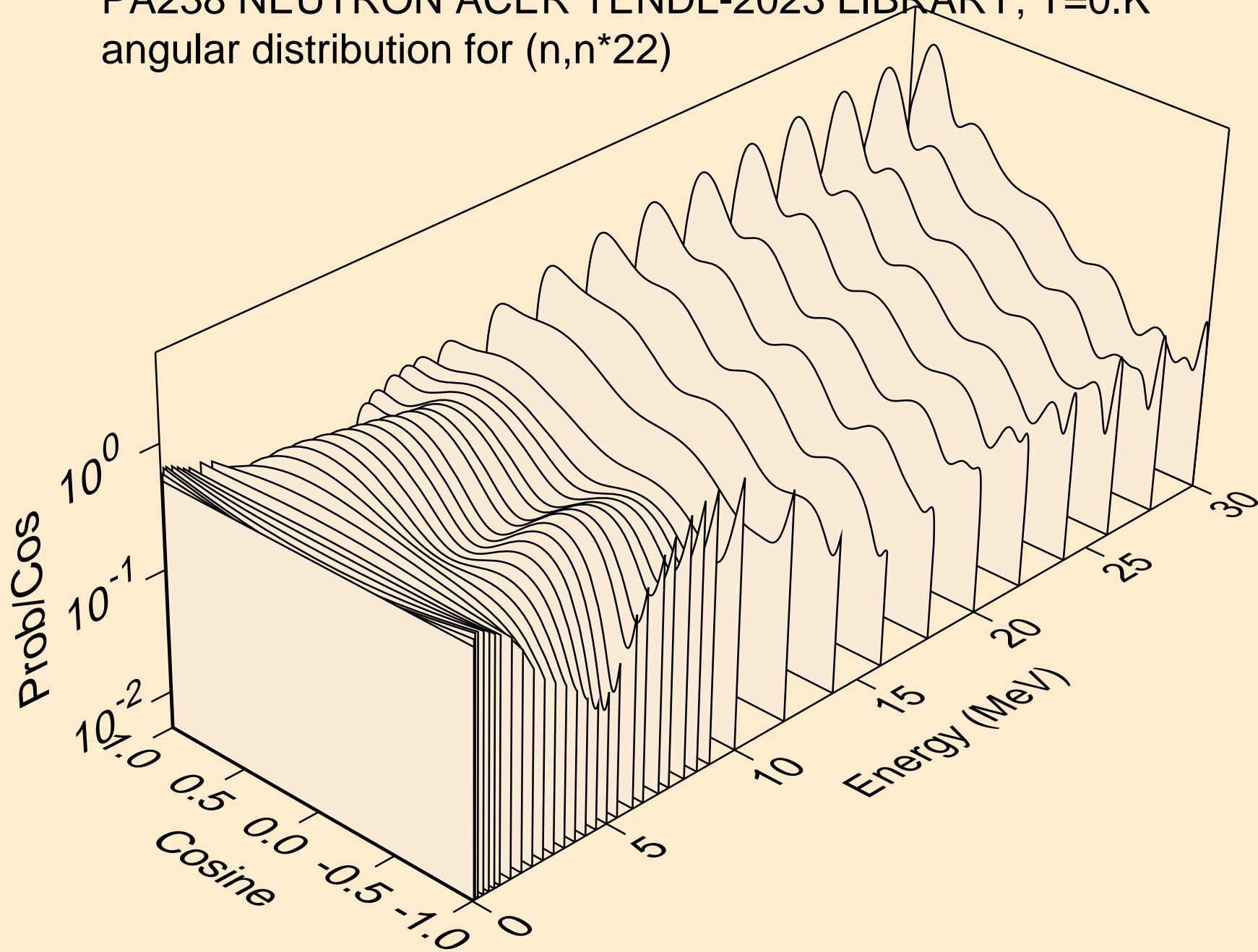
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angular distribution for (n,n*20)



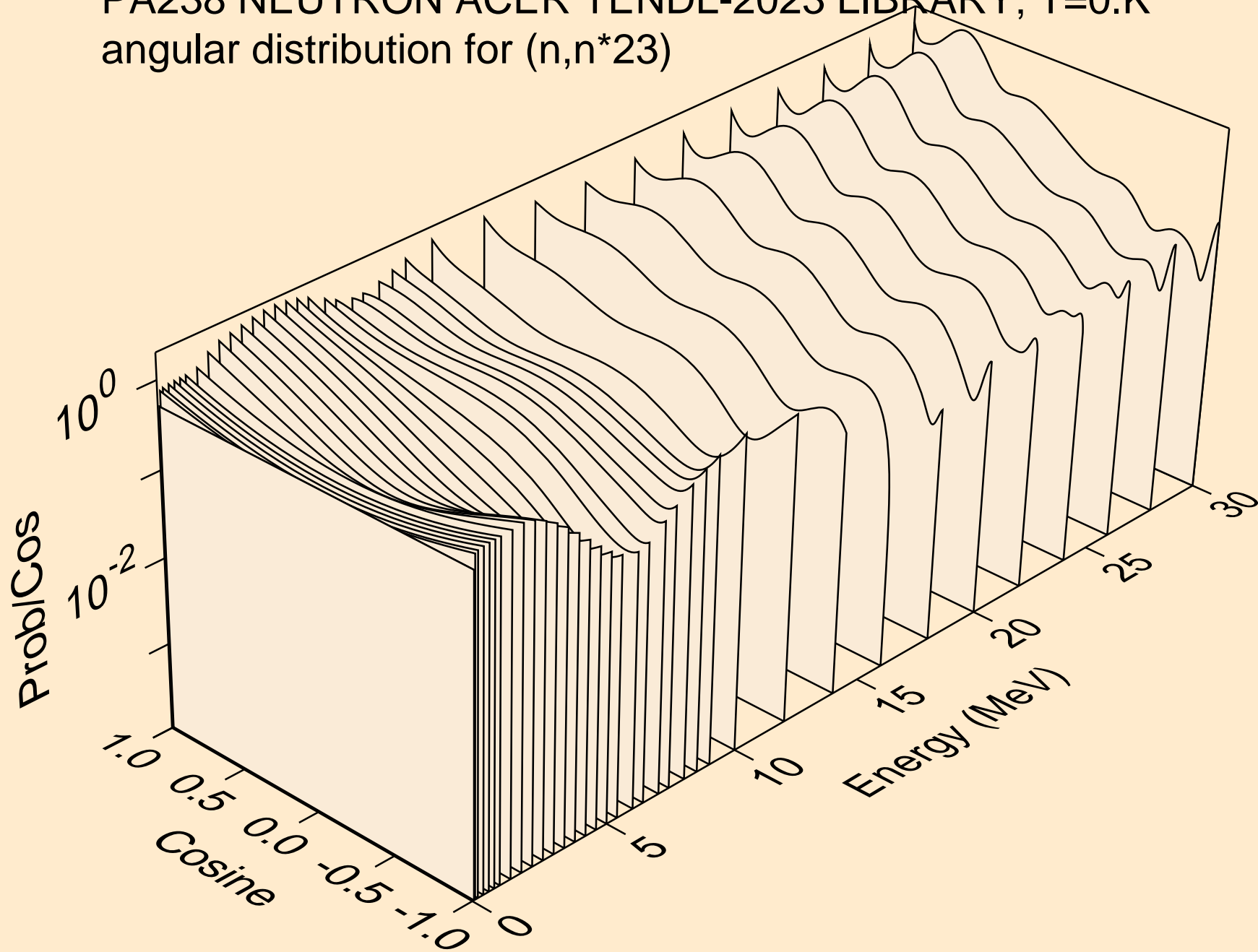
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angular distribution for (n,n*21)



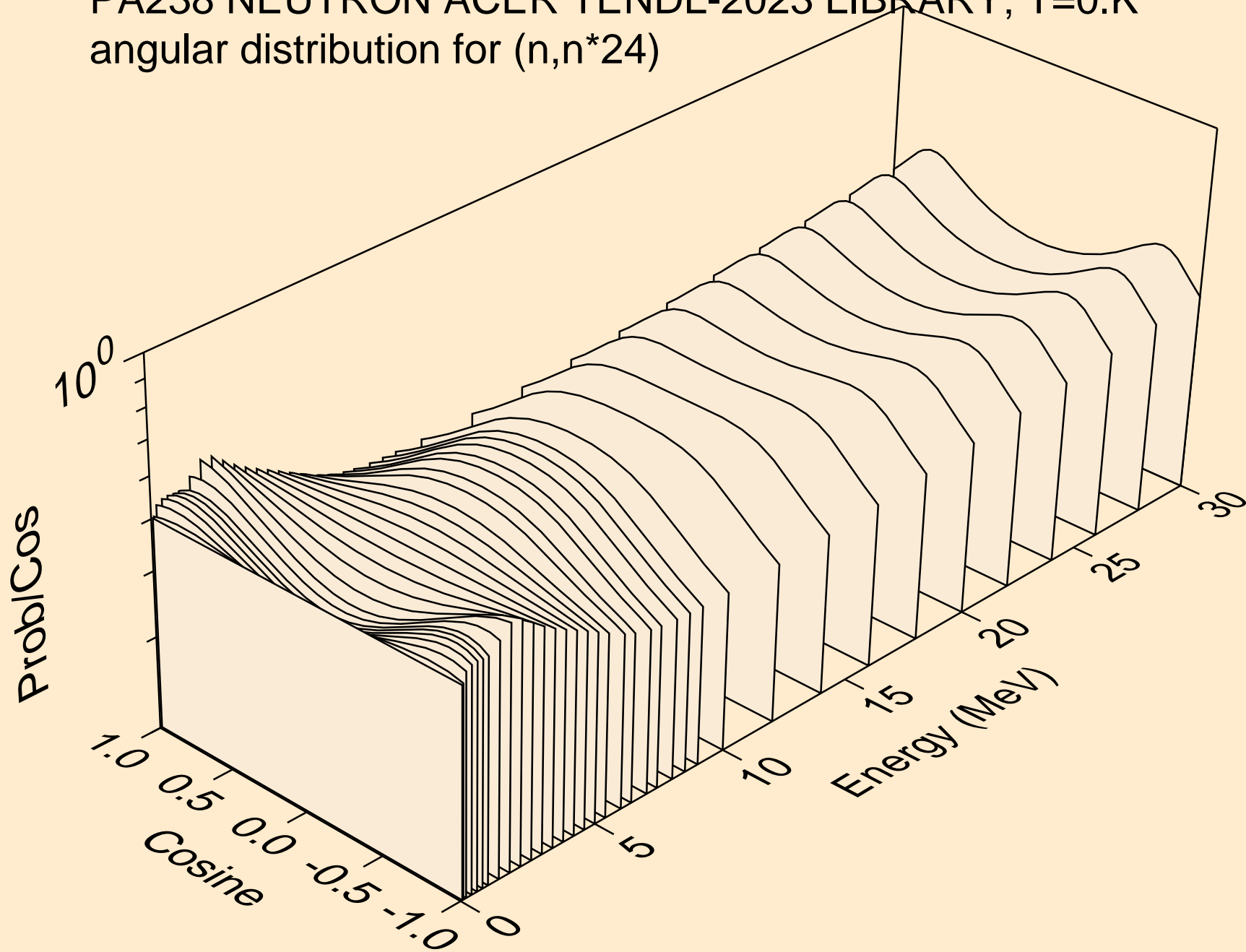
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angular distribution for (n,n*22)



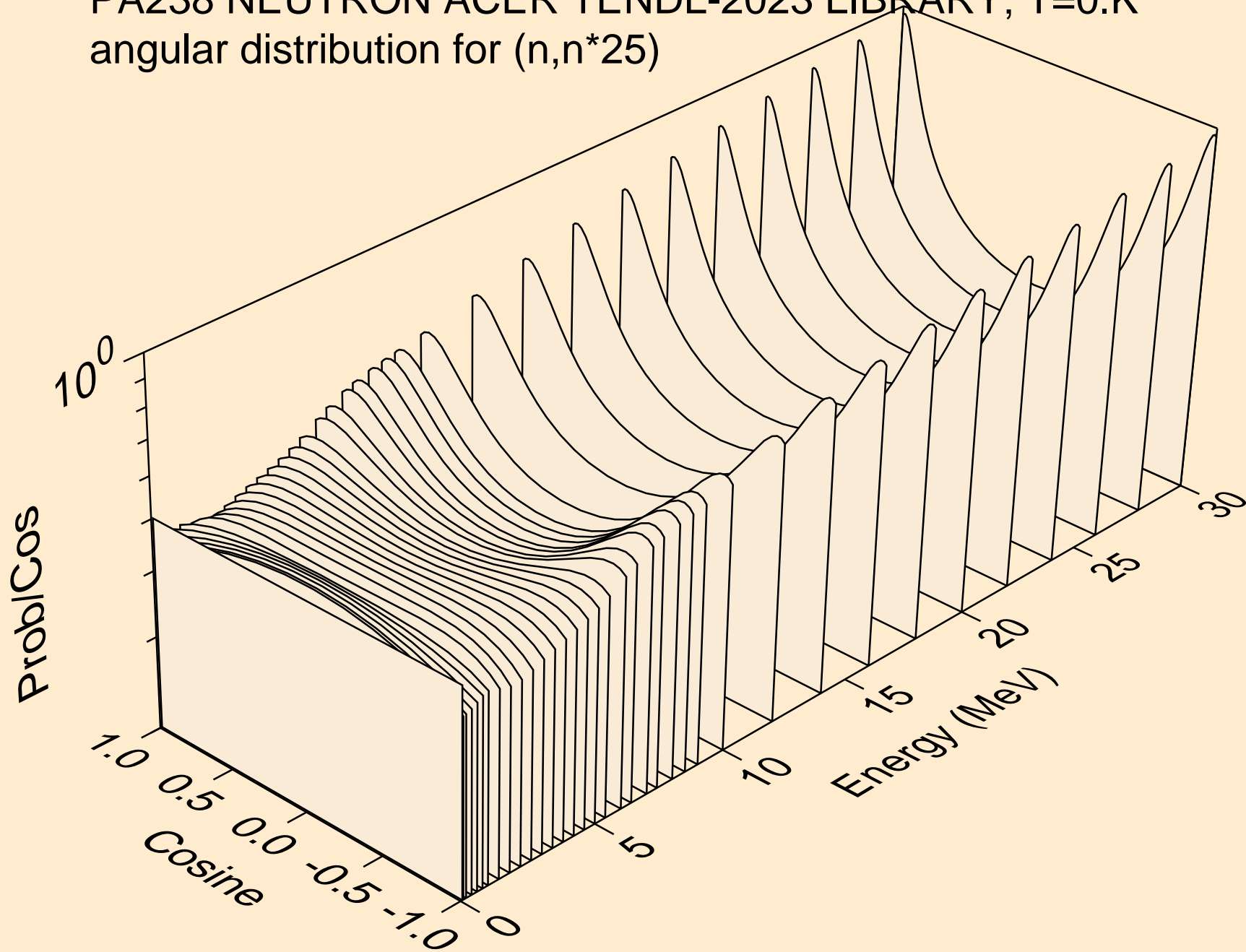
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angular distribution for (n,n*23)



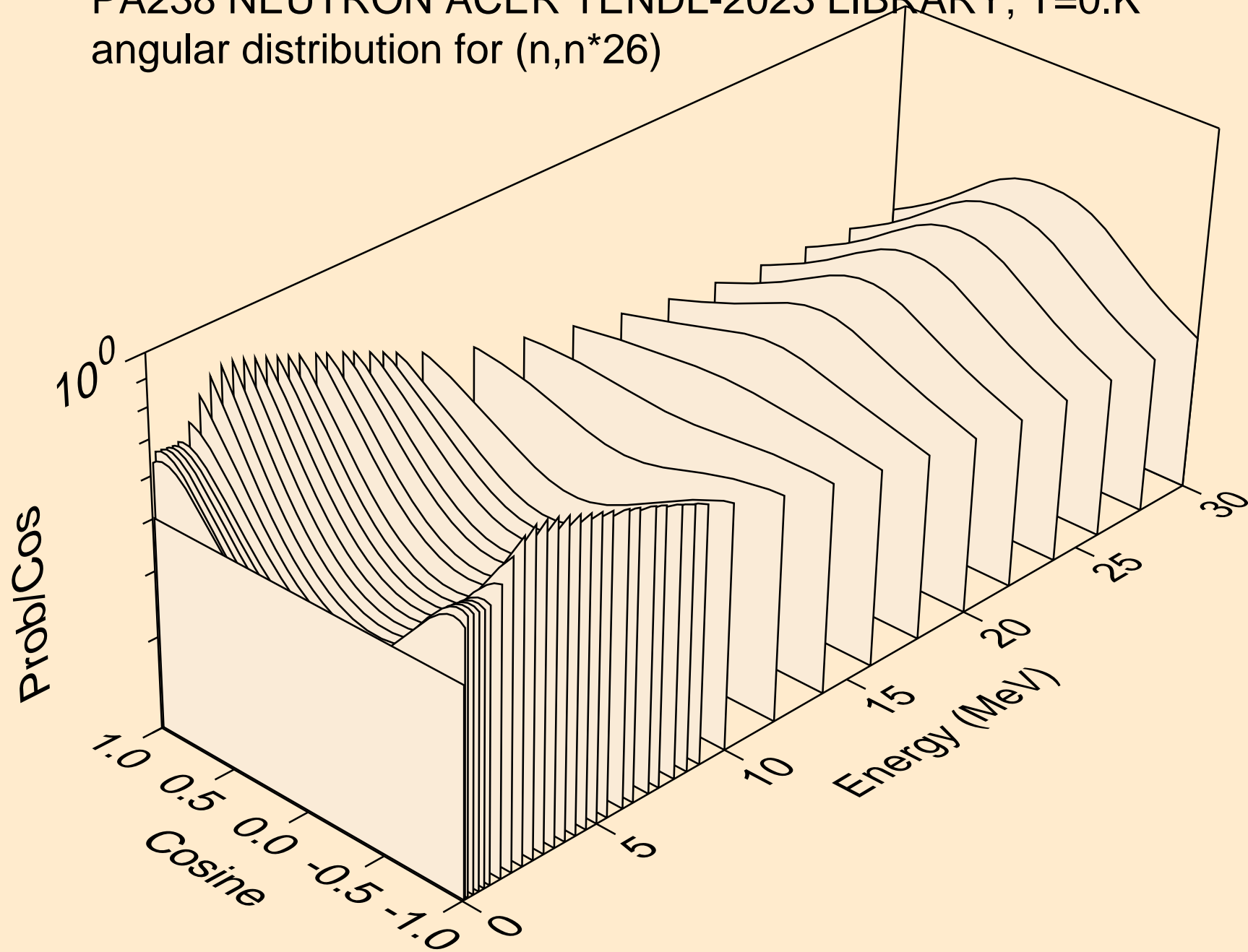
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*24)



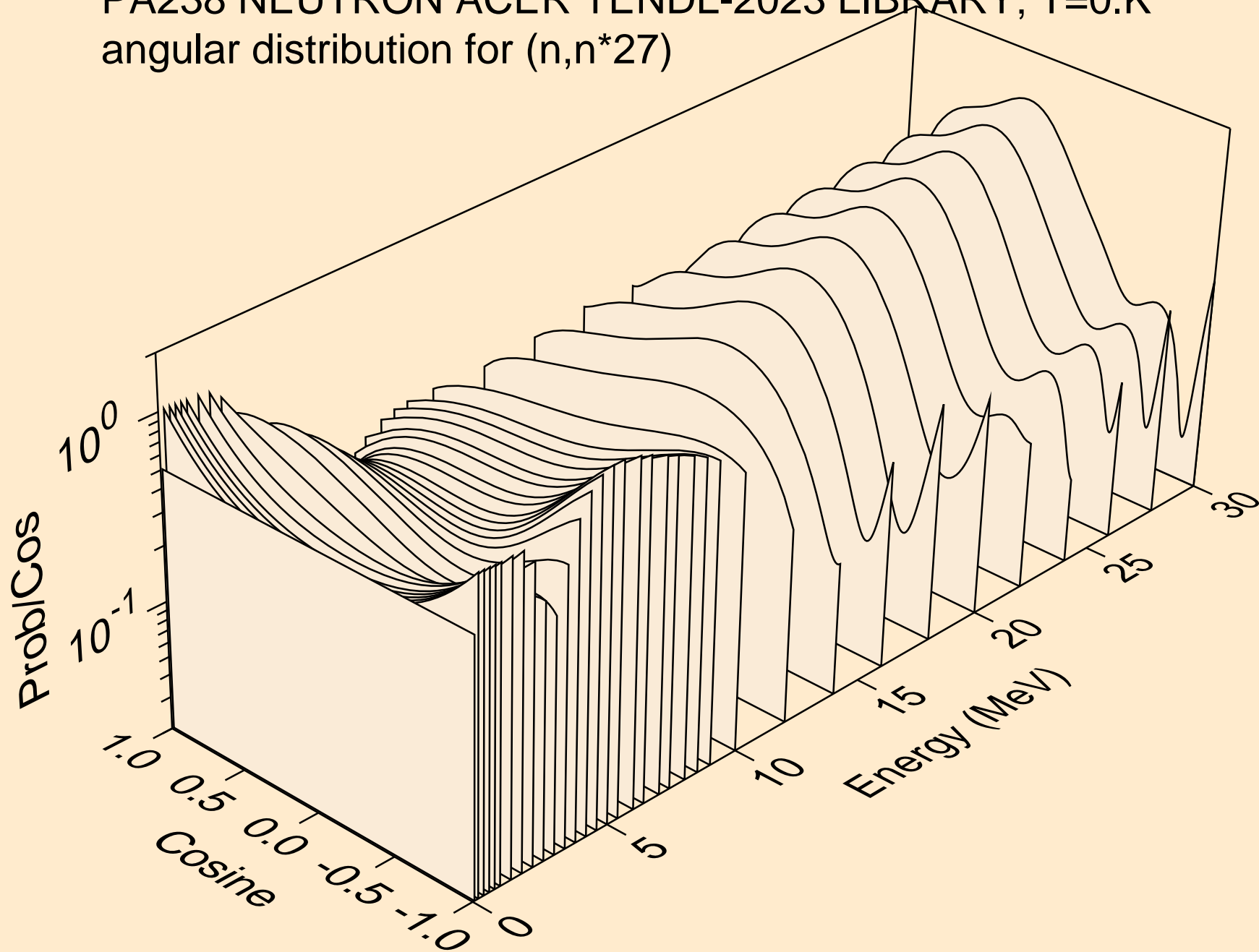
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*25)



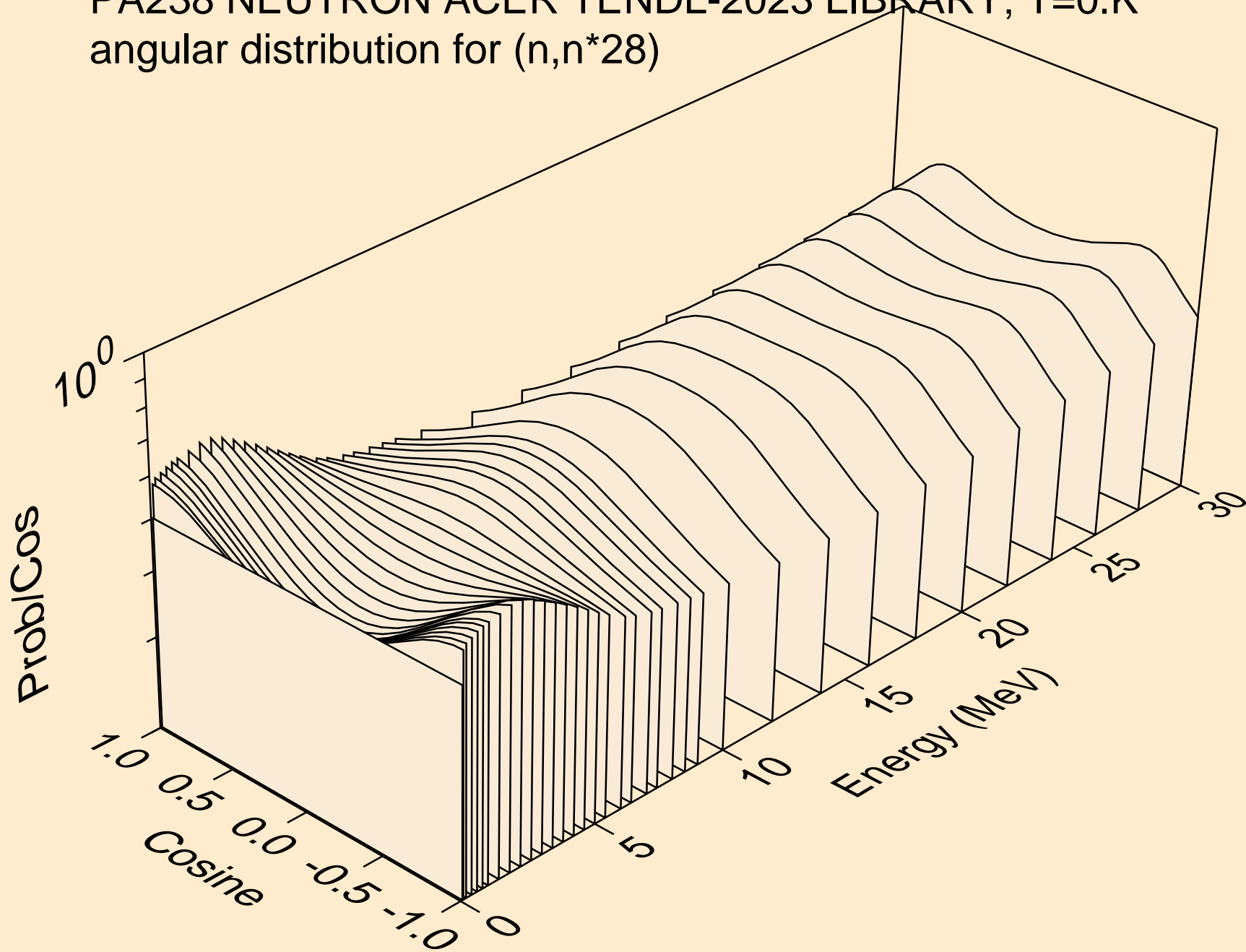
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angular distribution for (n,n*26)



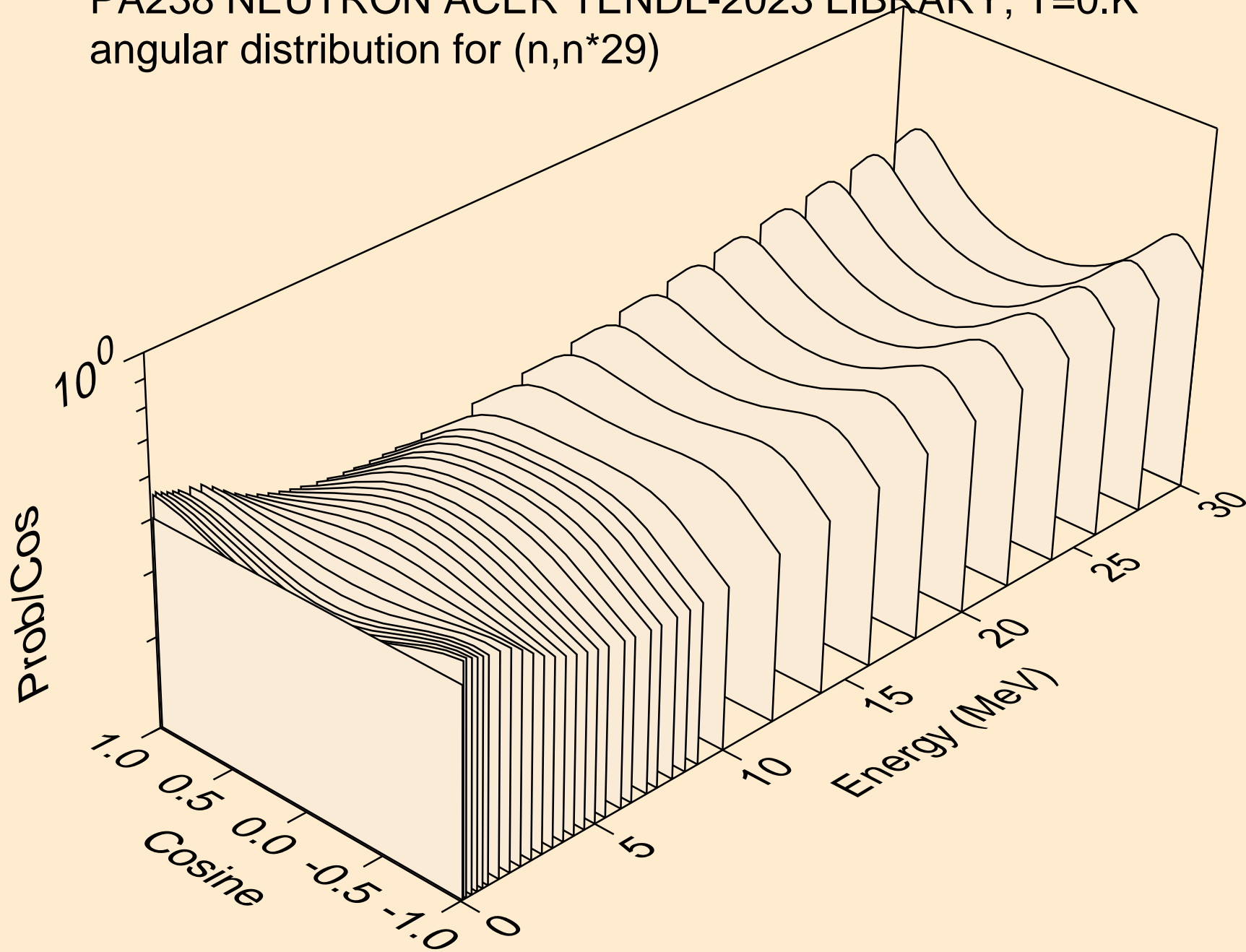
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*27)



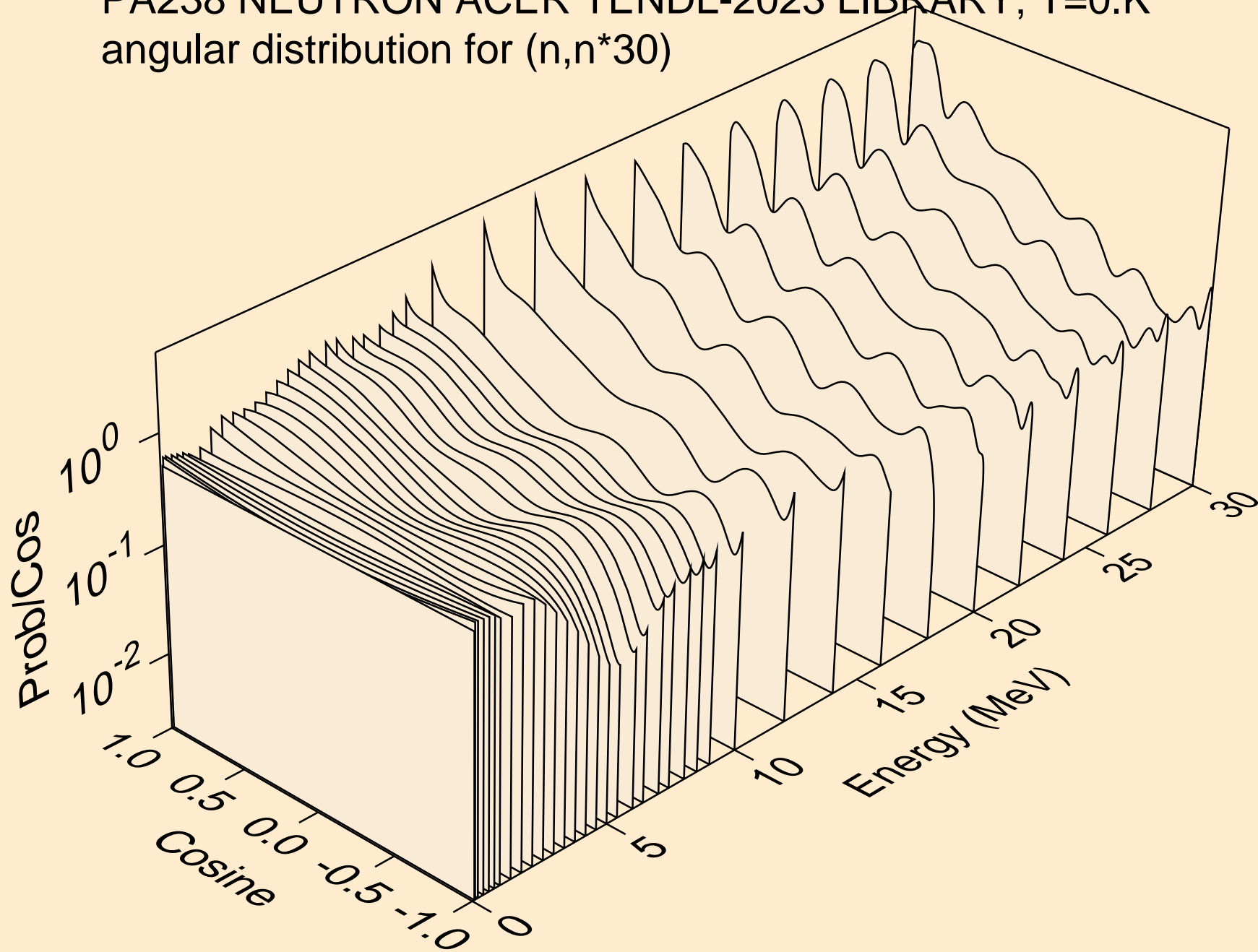
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*28)



PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*29)

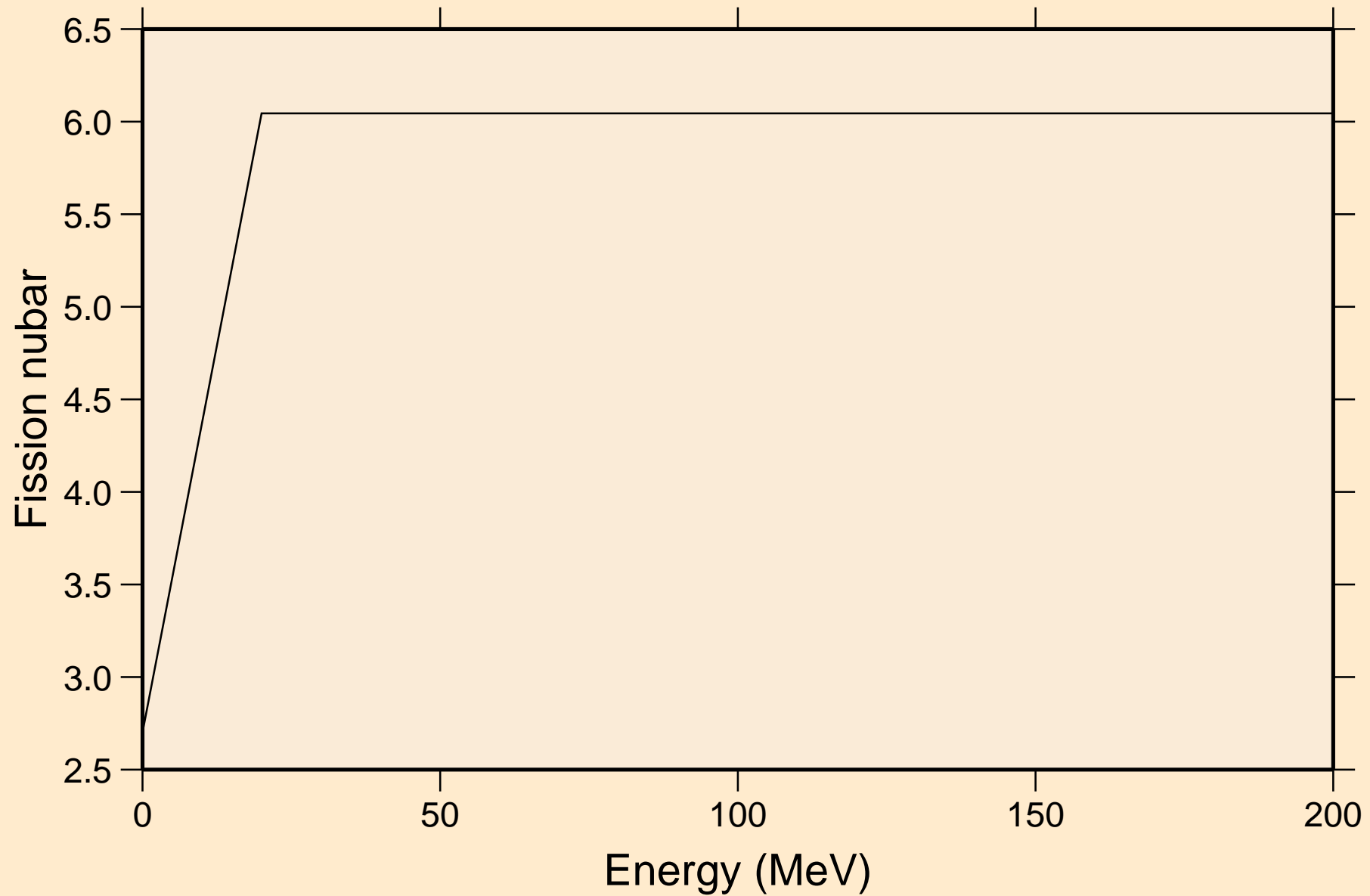


PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*30)

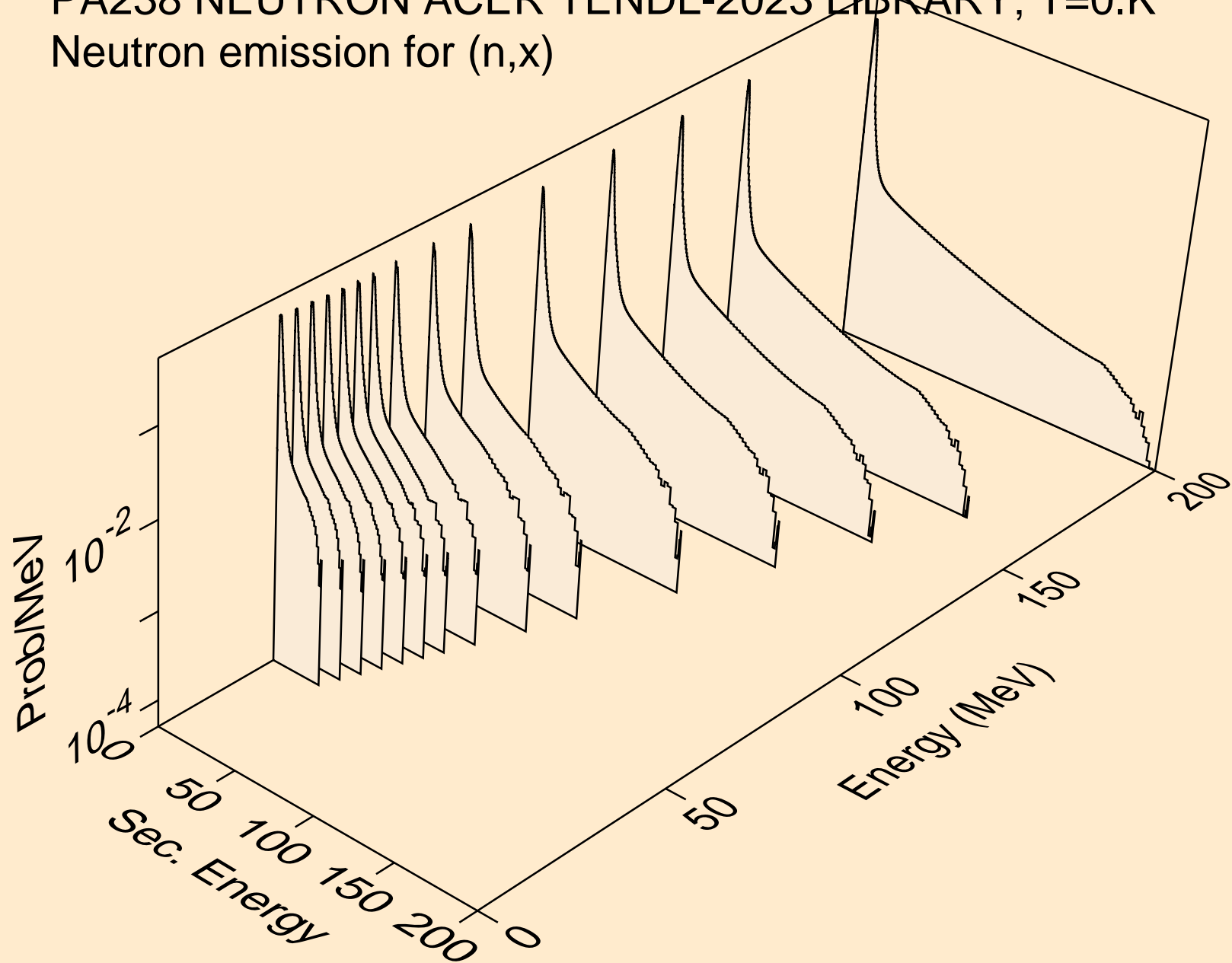


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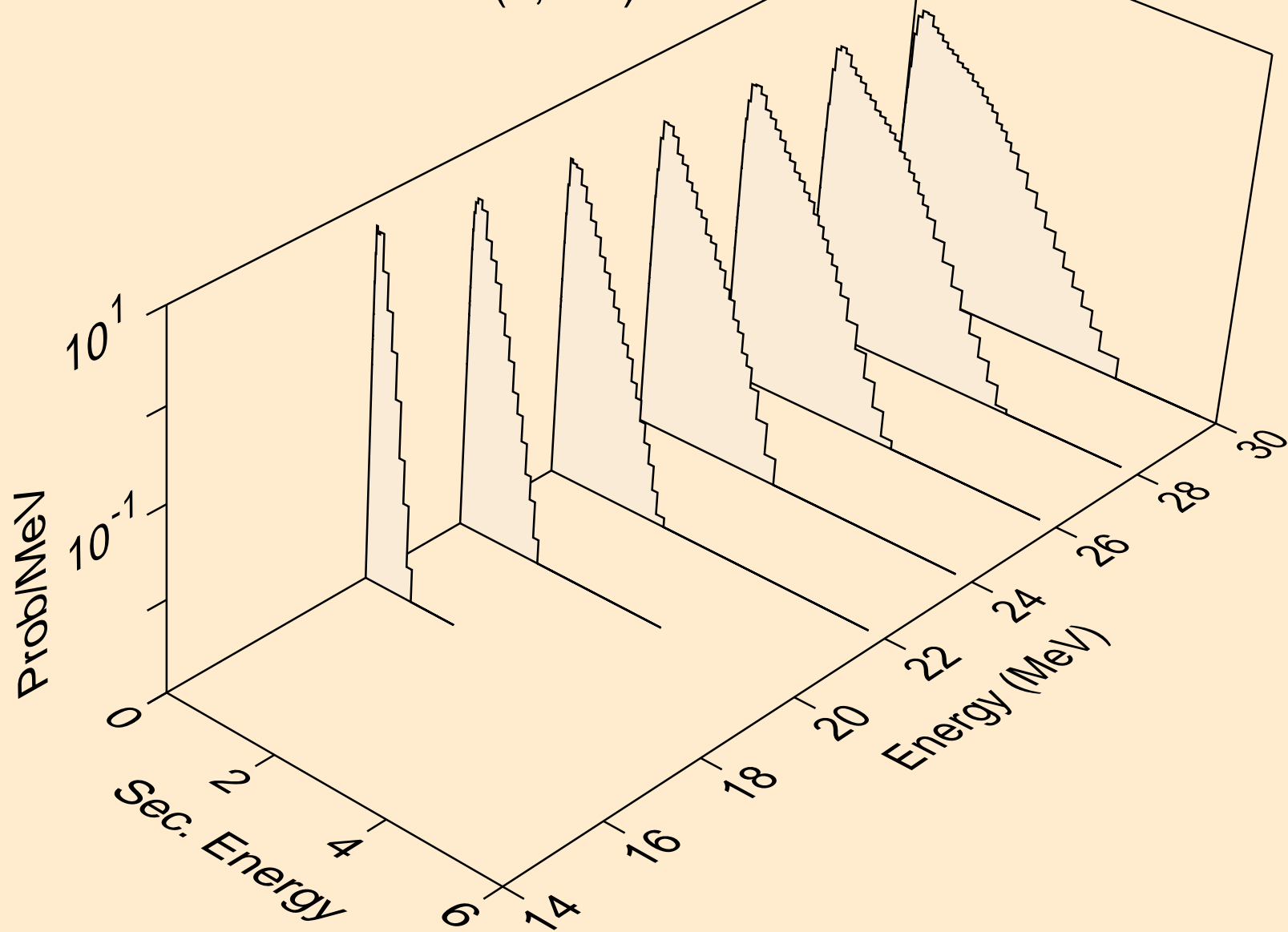
Total fission nubar



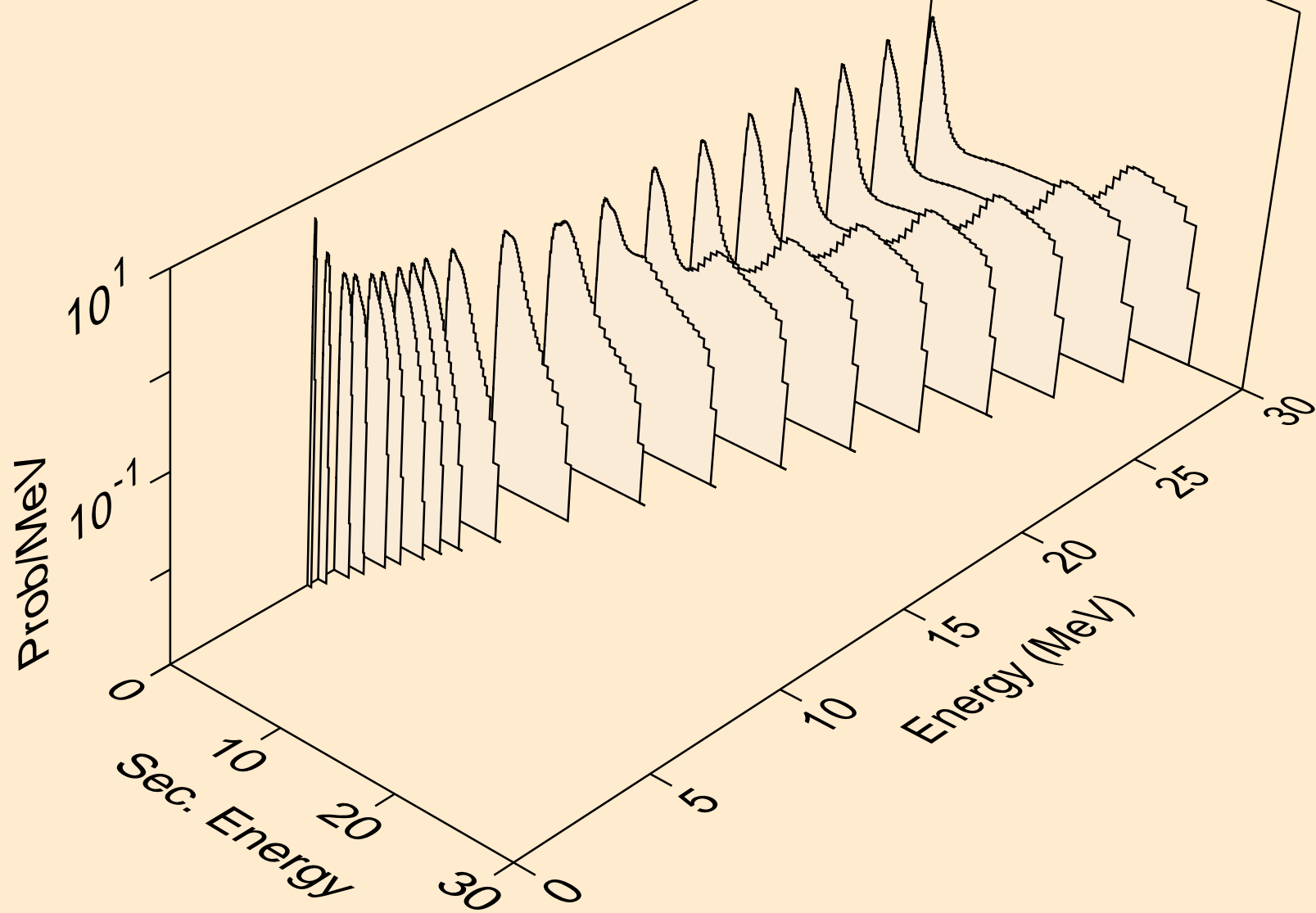
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



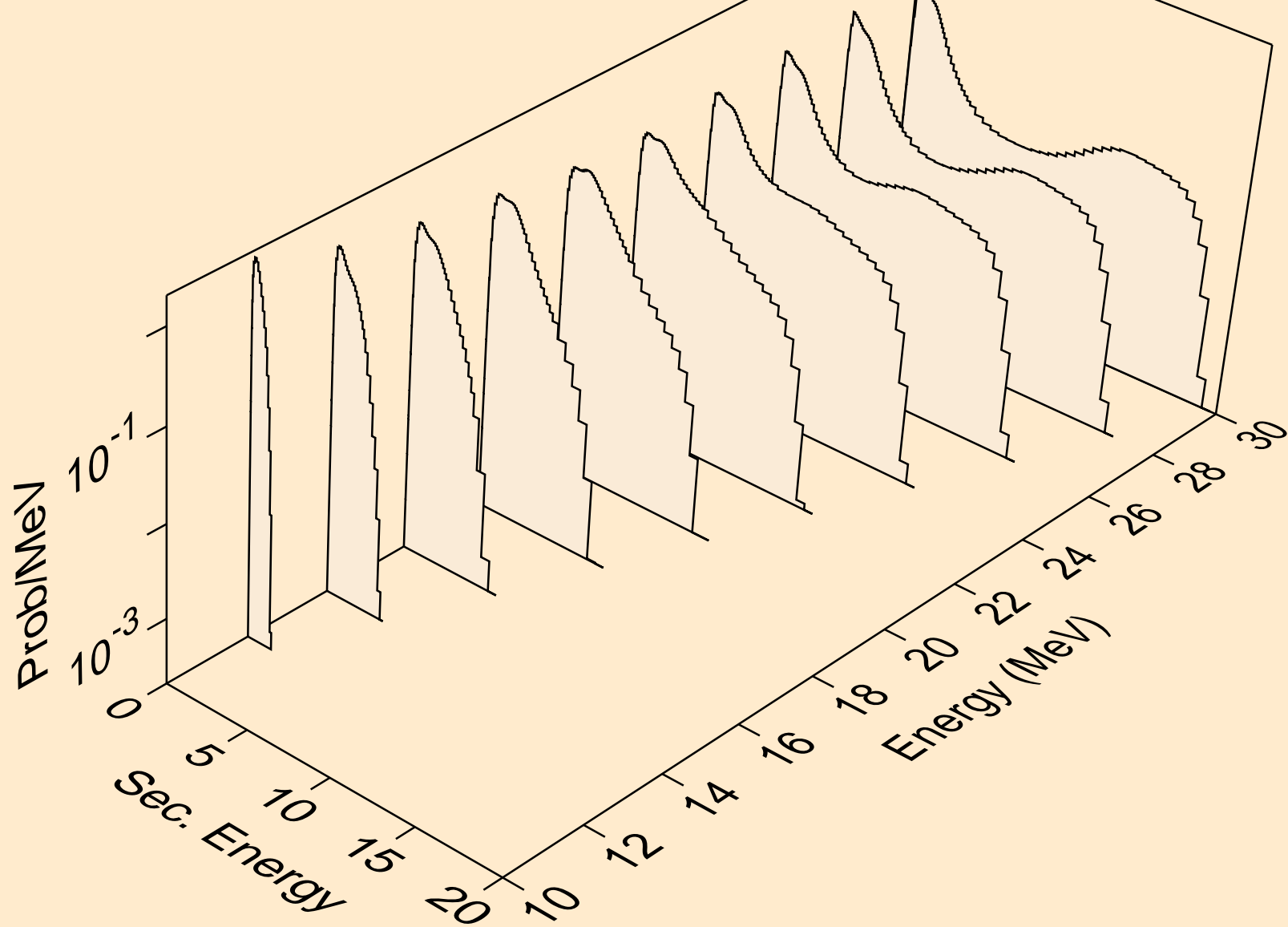
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



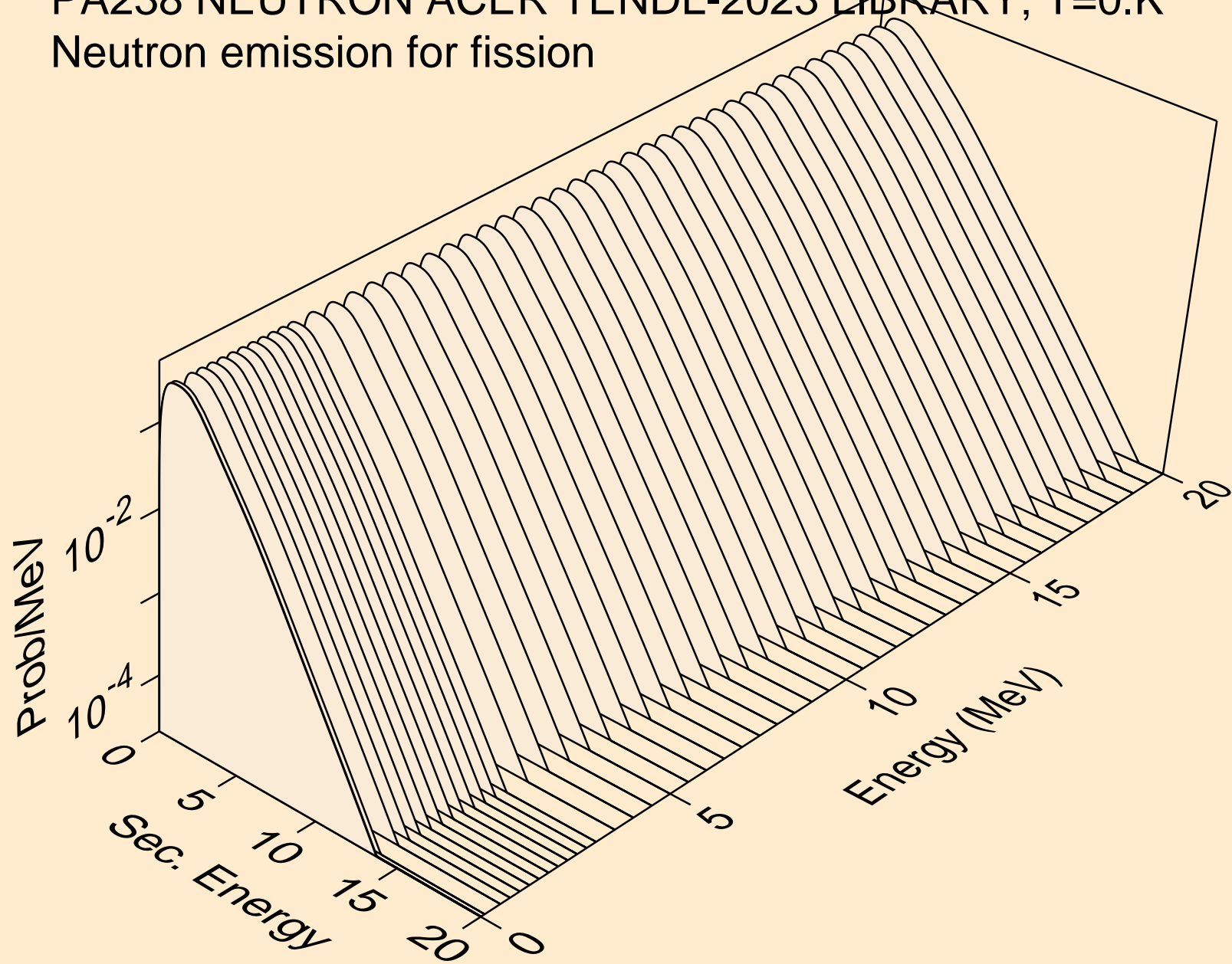
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



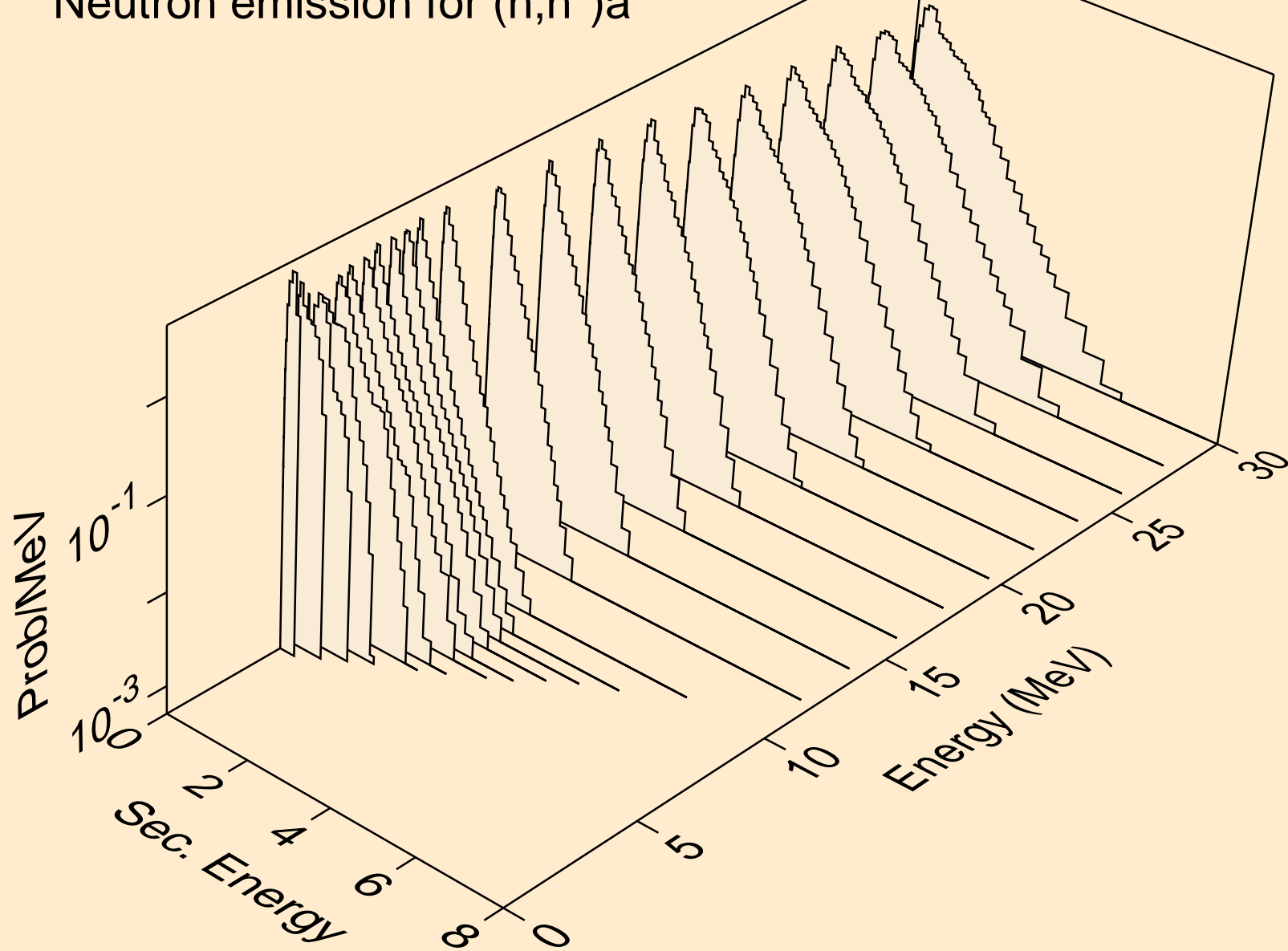
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



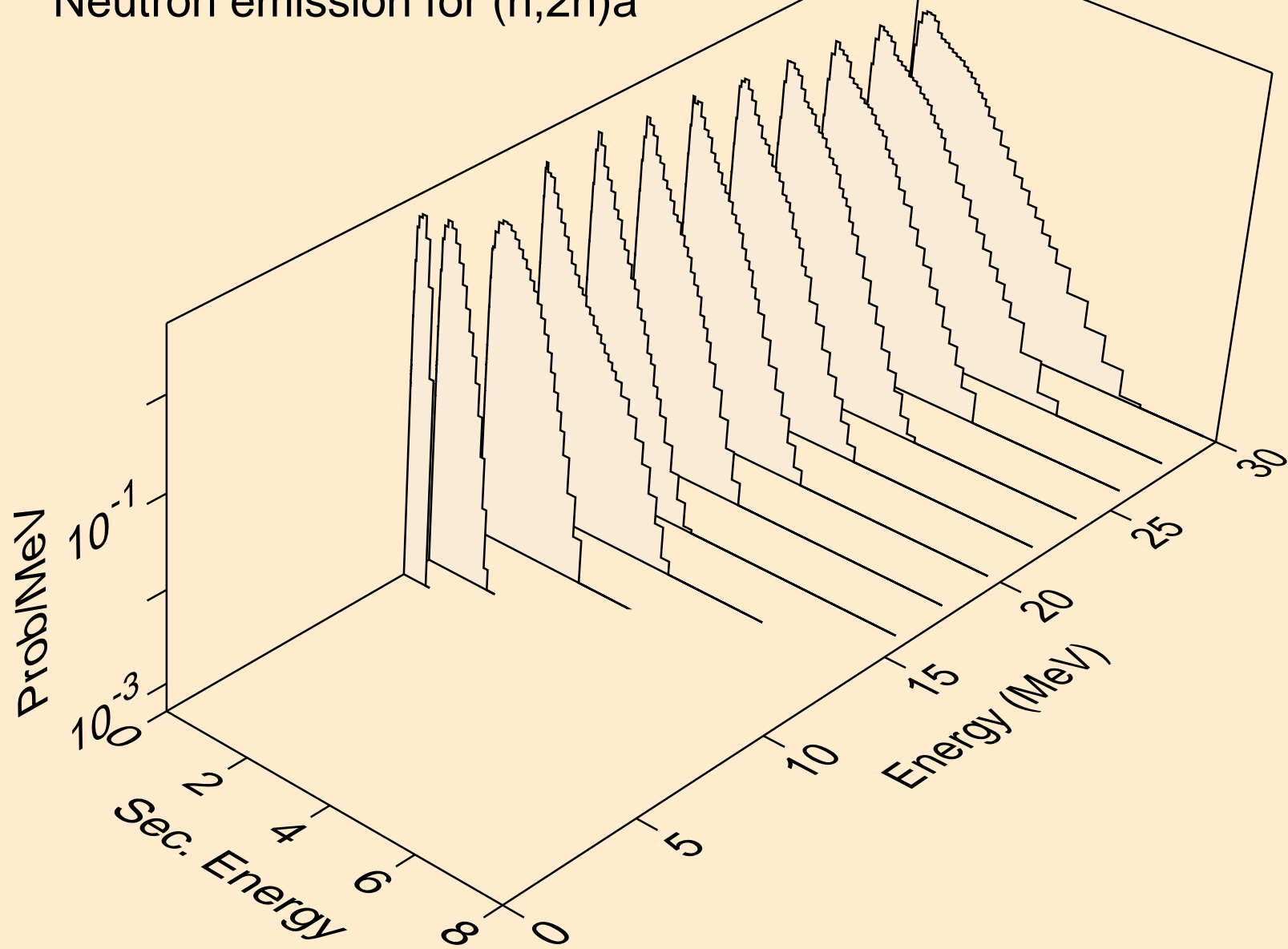
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



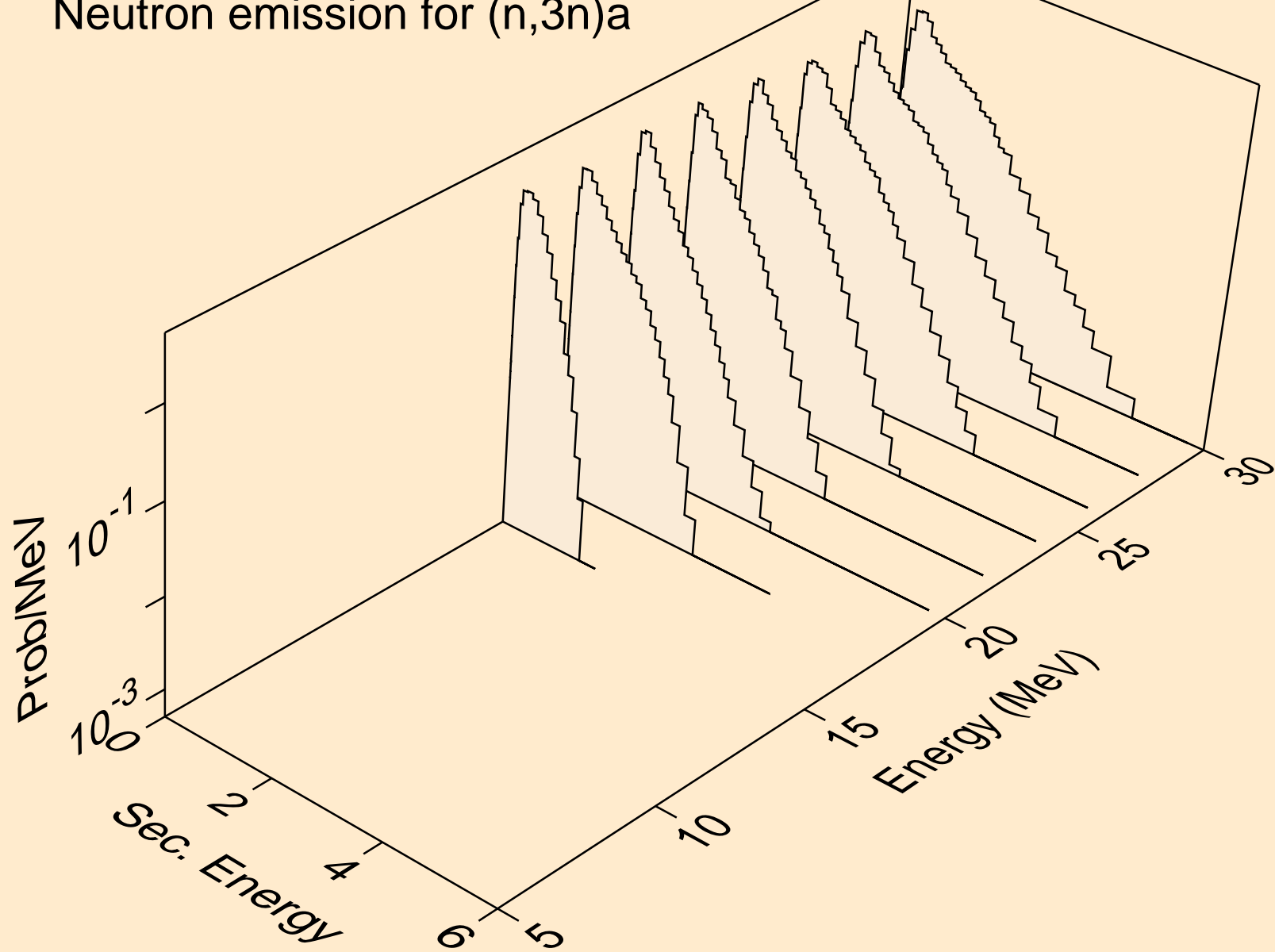
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



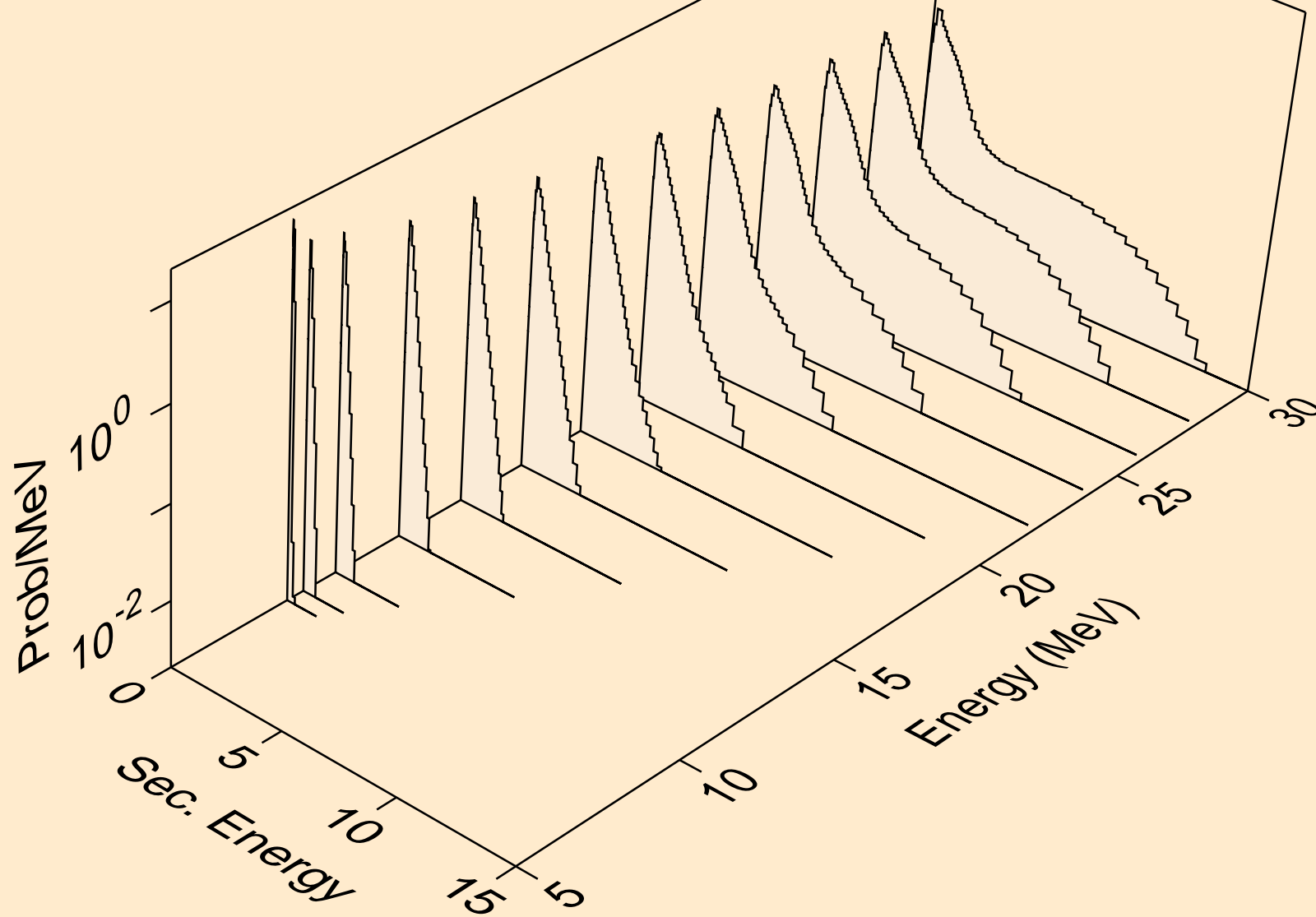
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



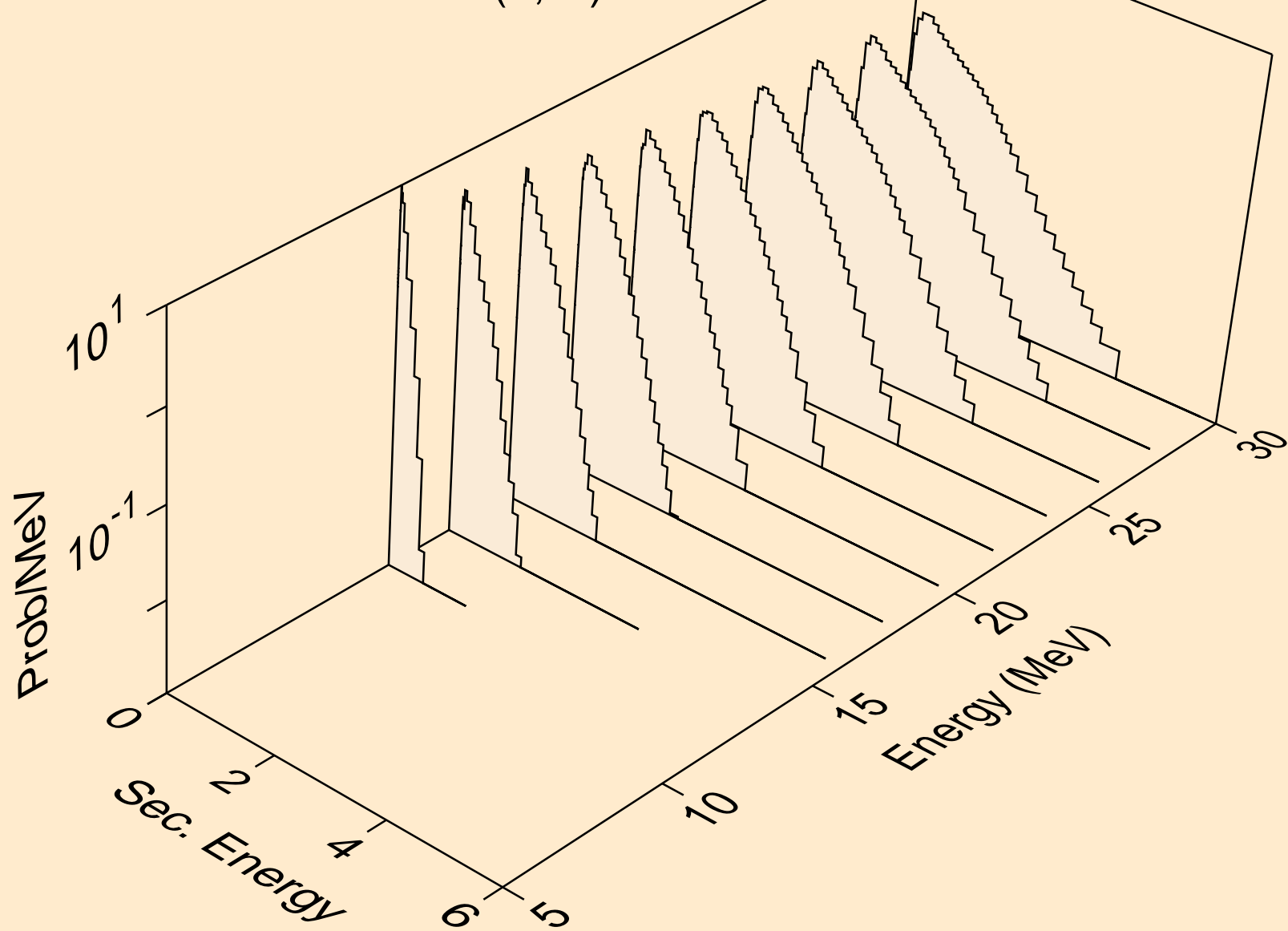
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



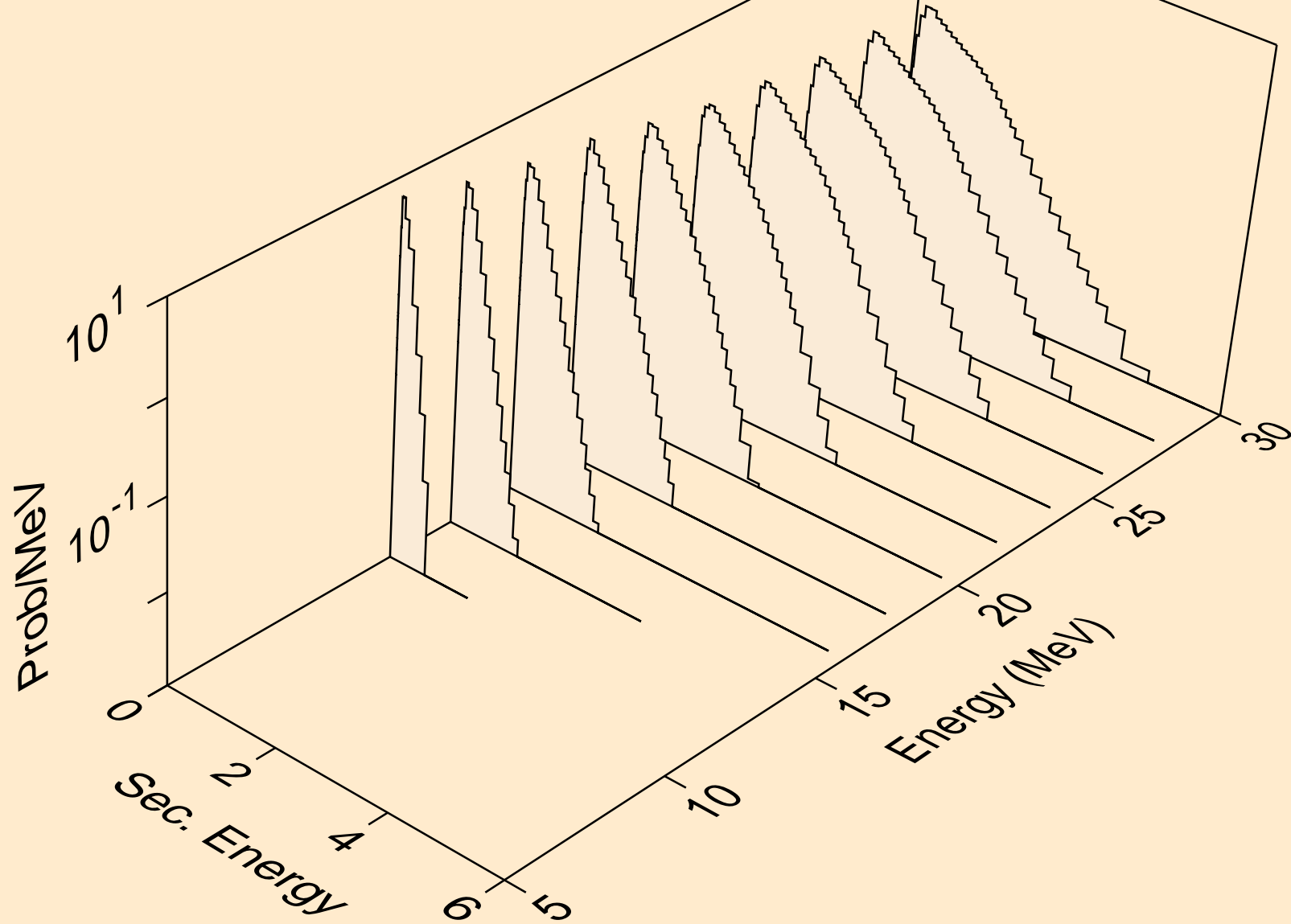
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



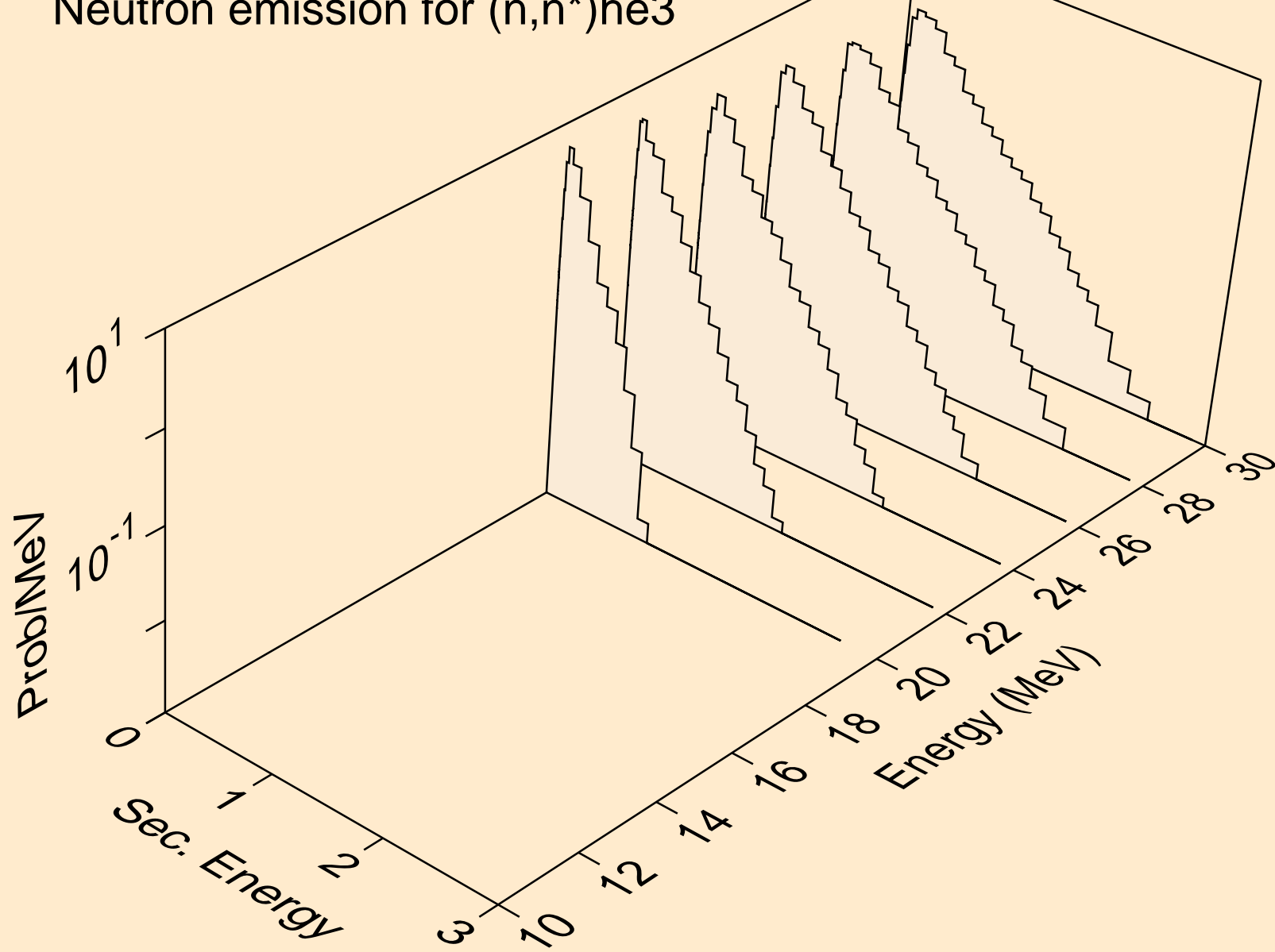
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



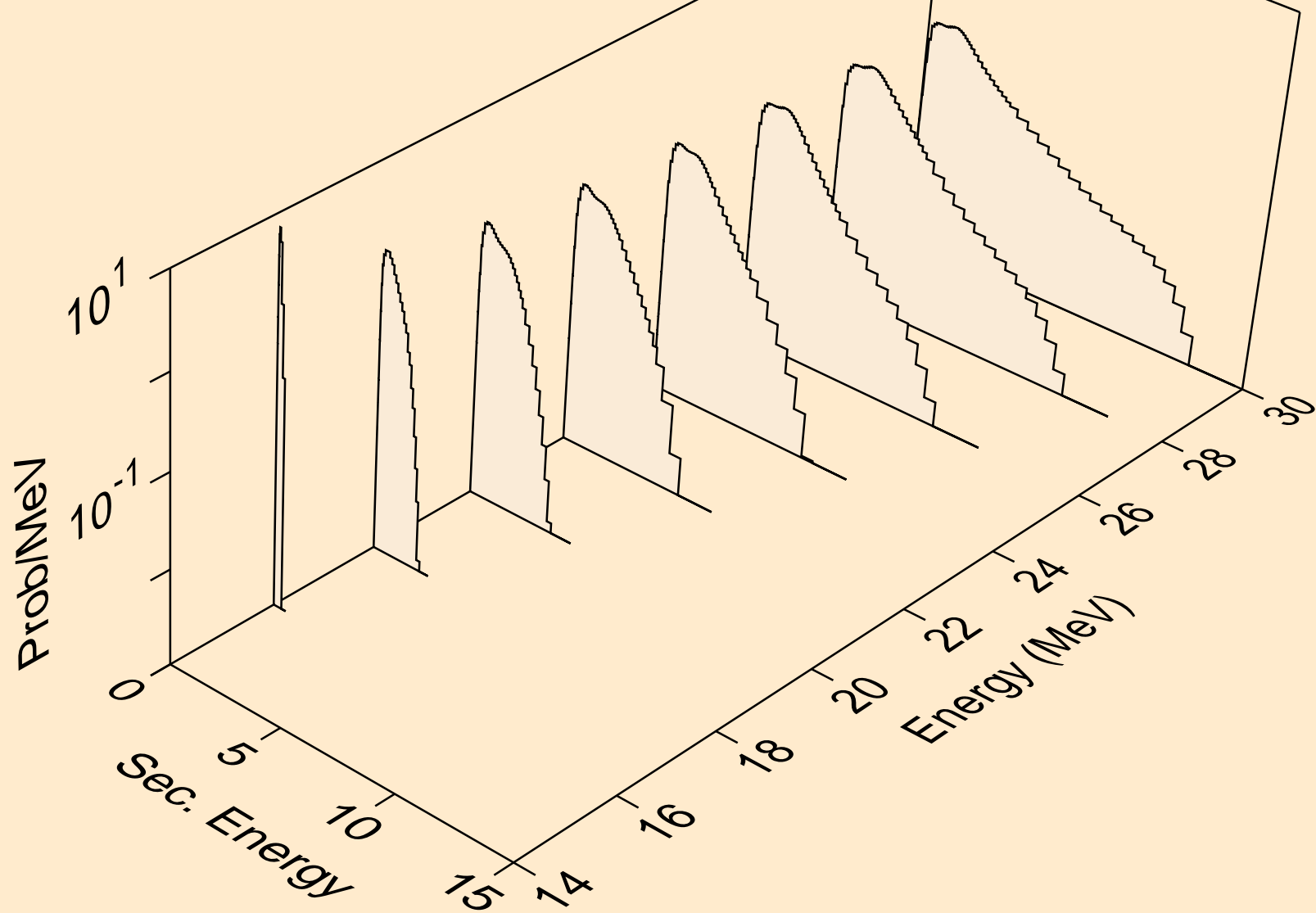
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



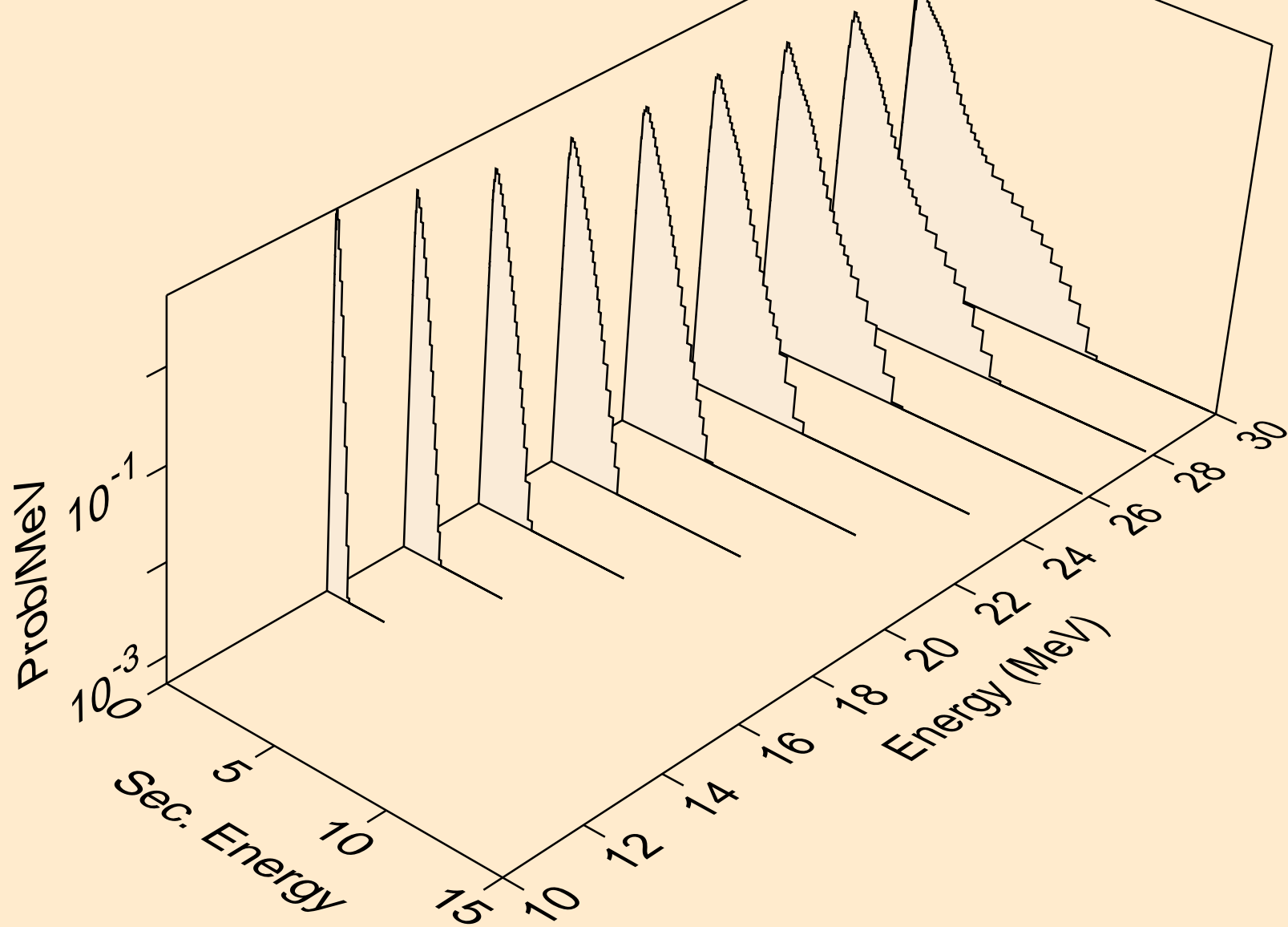
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



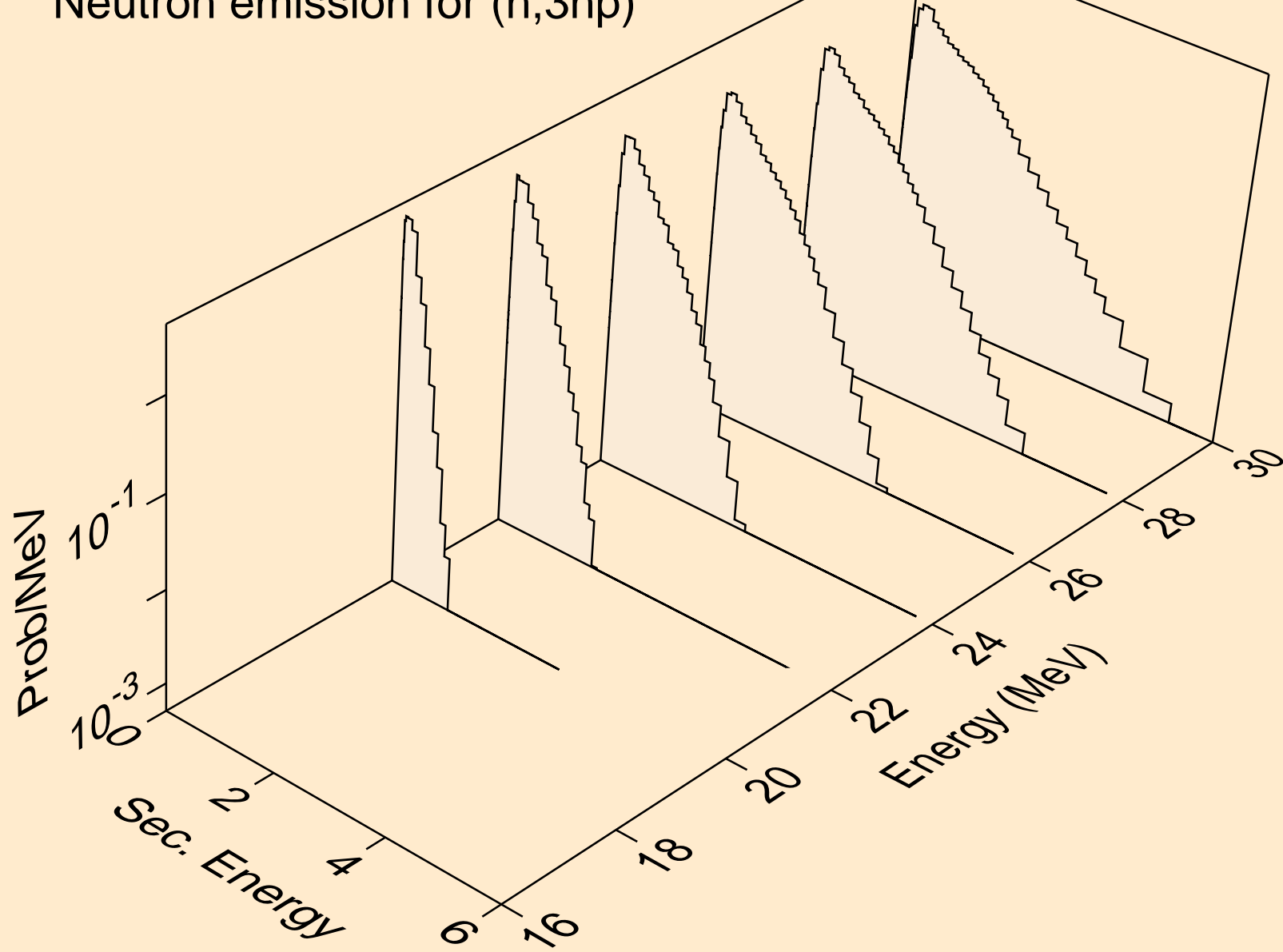
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



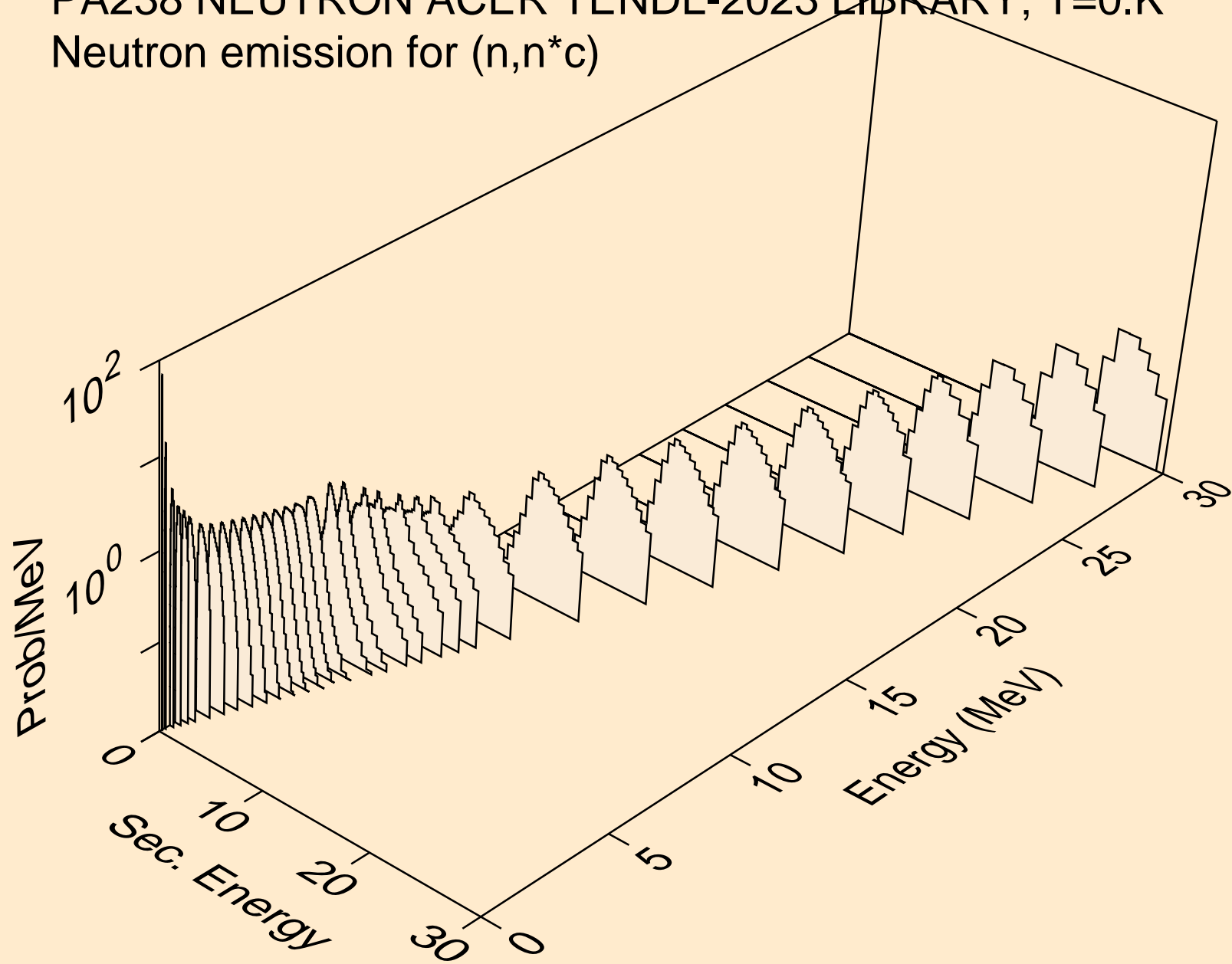
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)

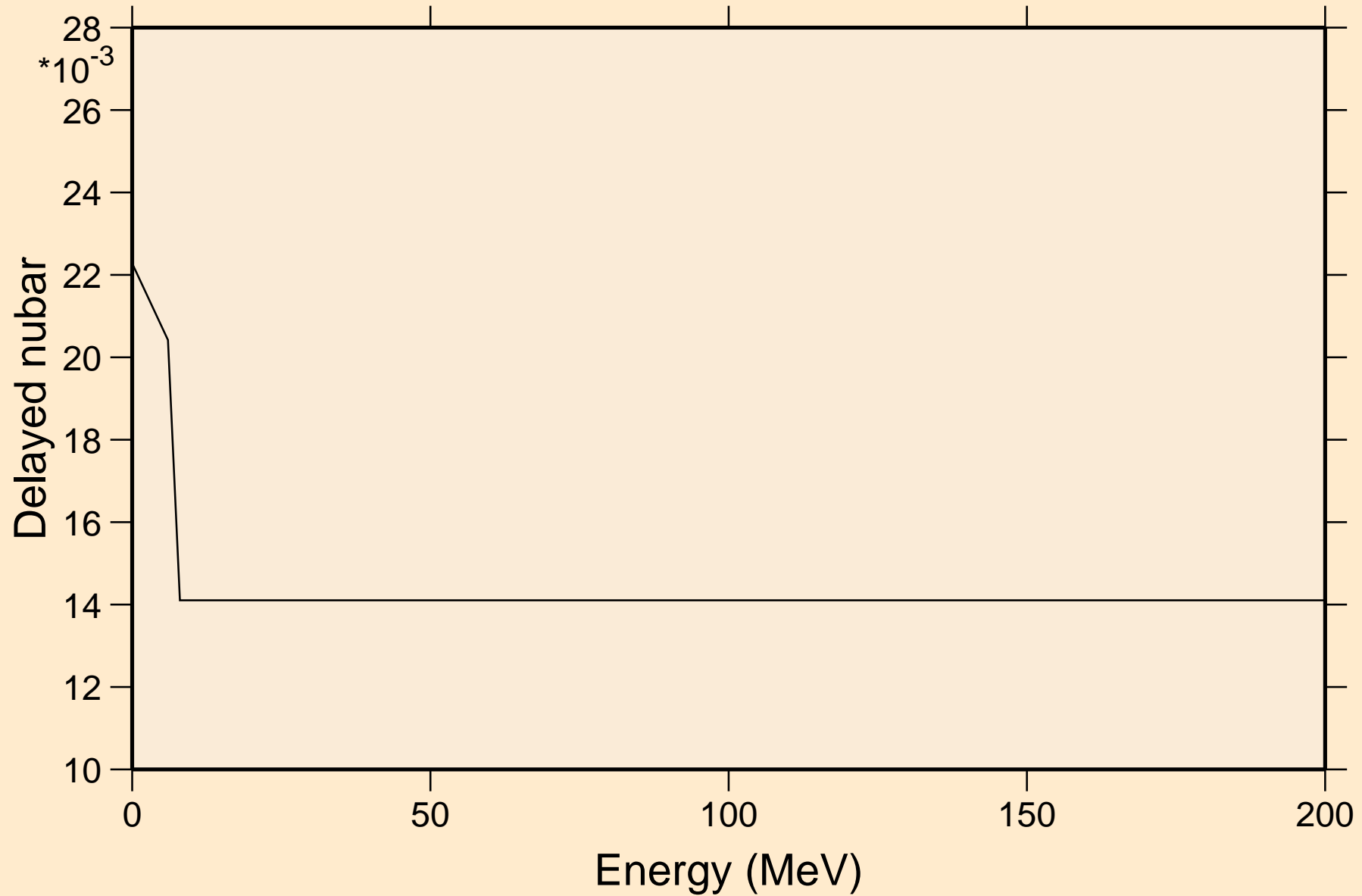


PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



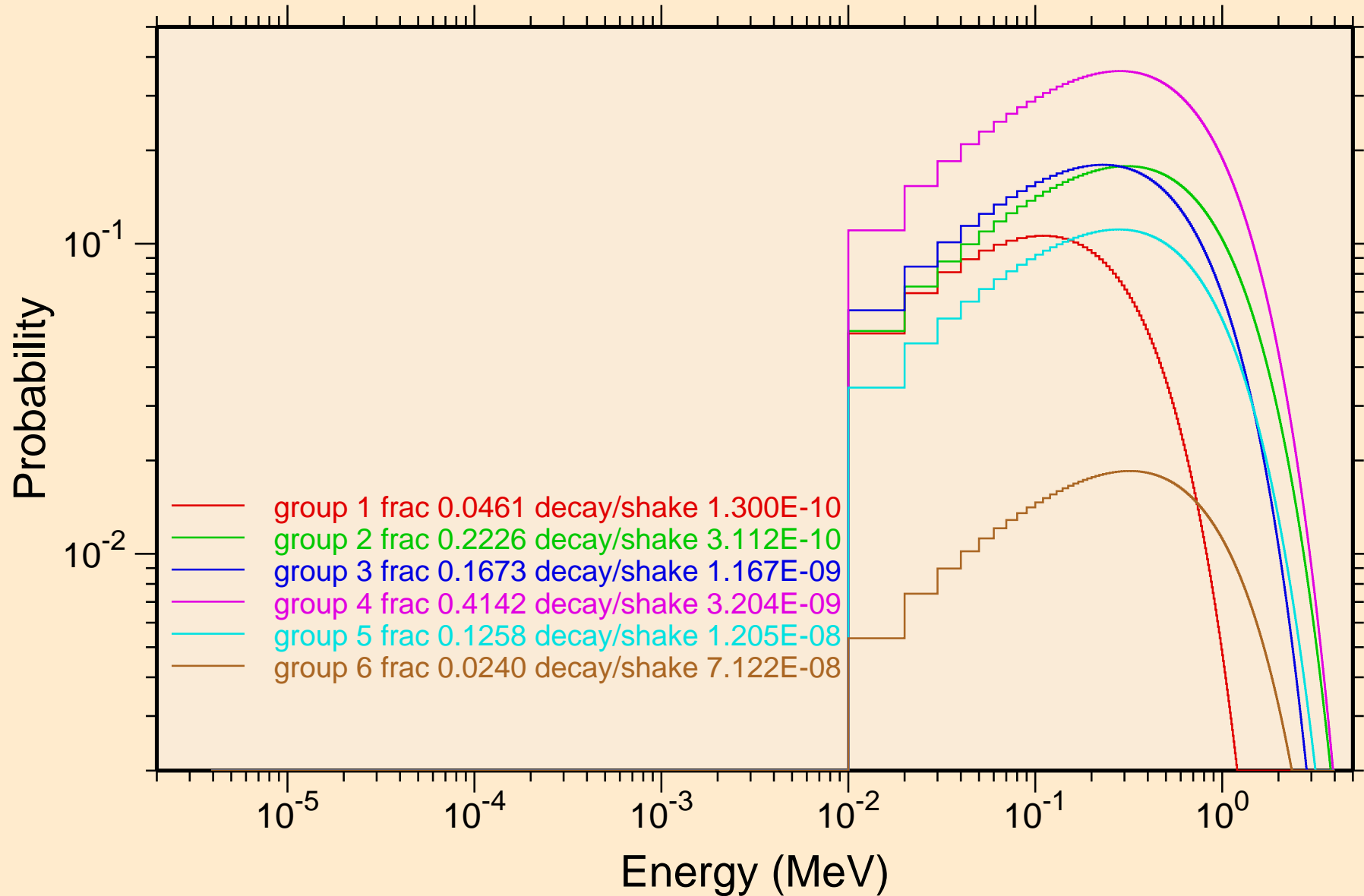
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Delayed nubar

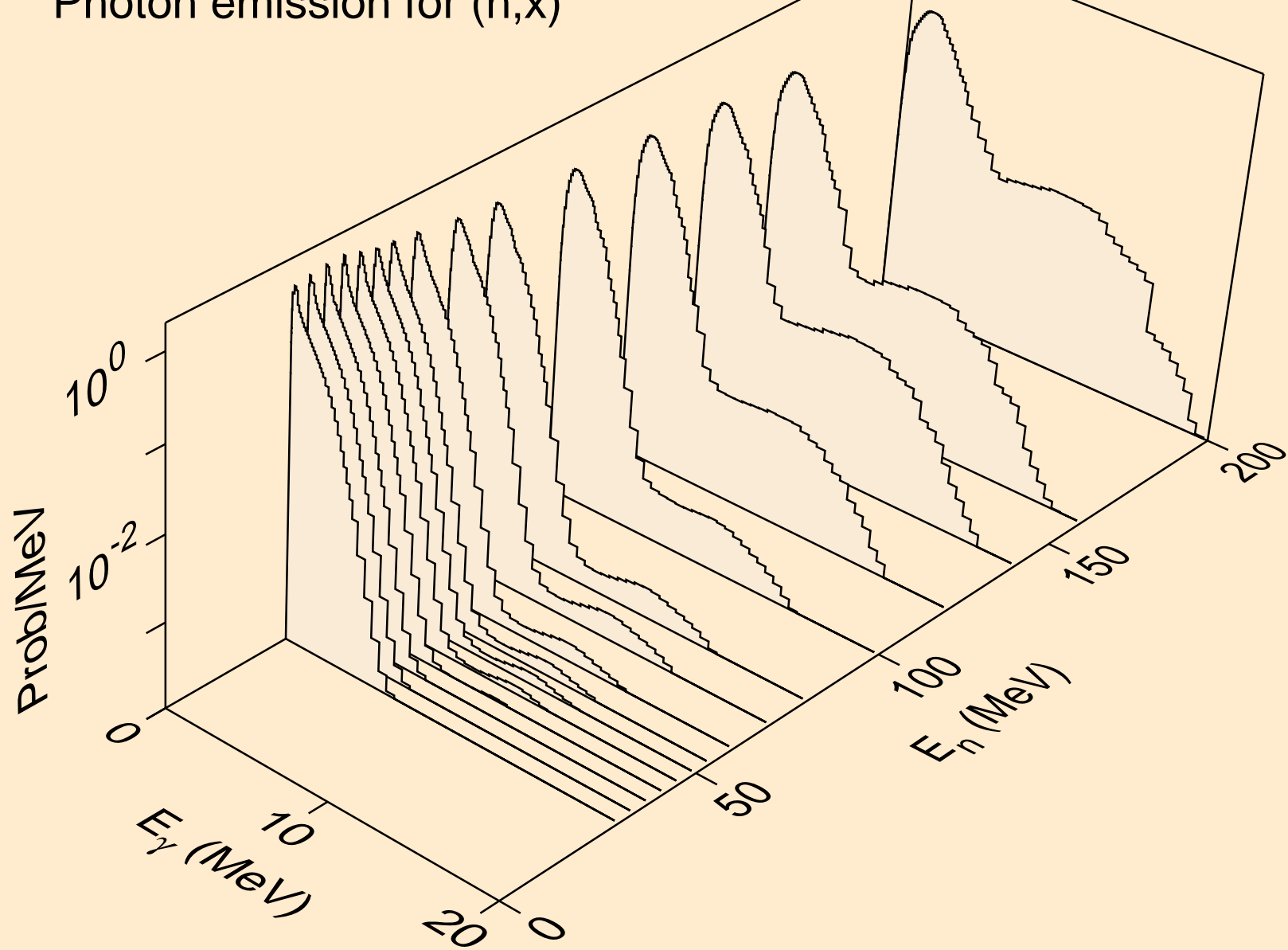


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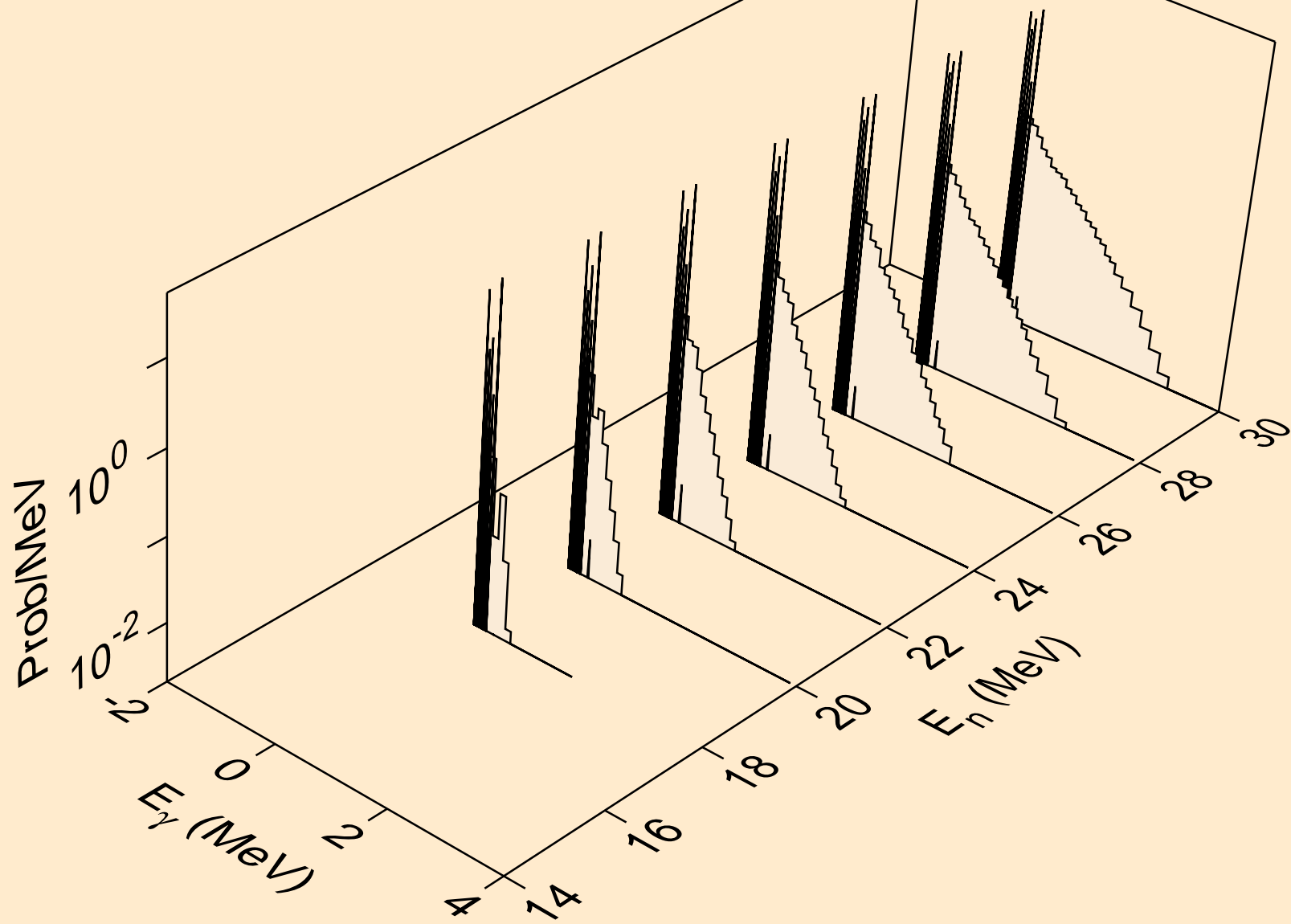
Delayed neutron spectra



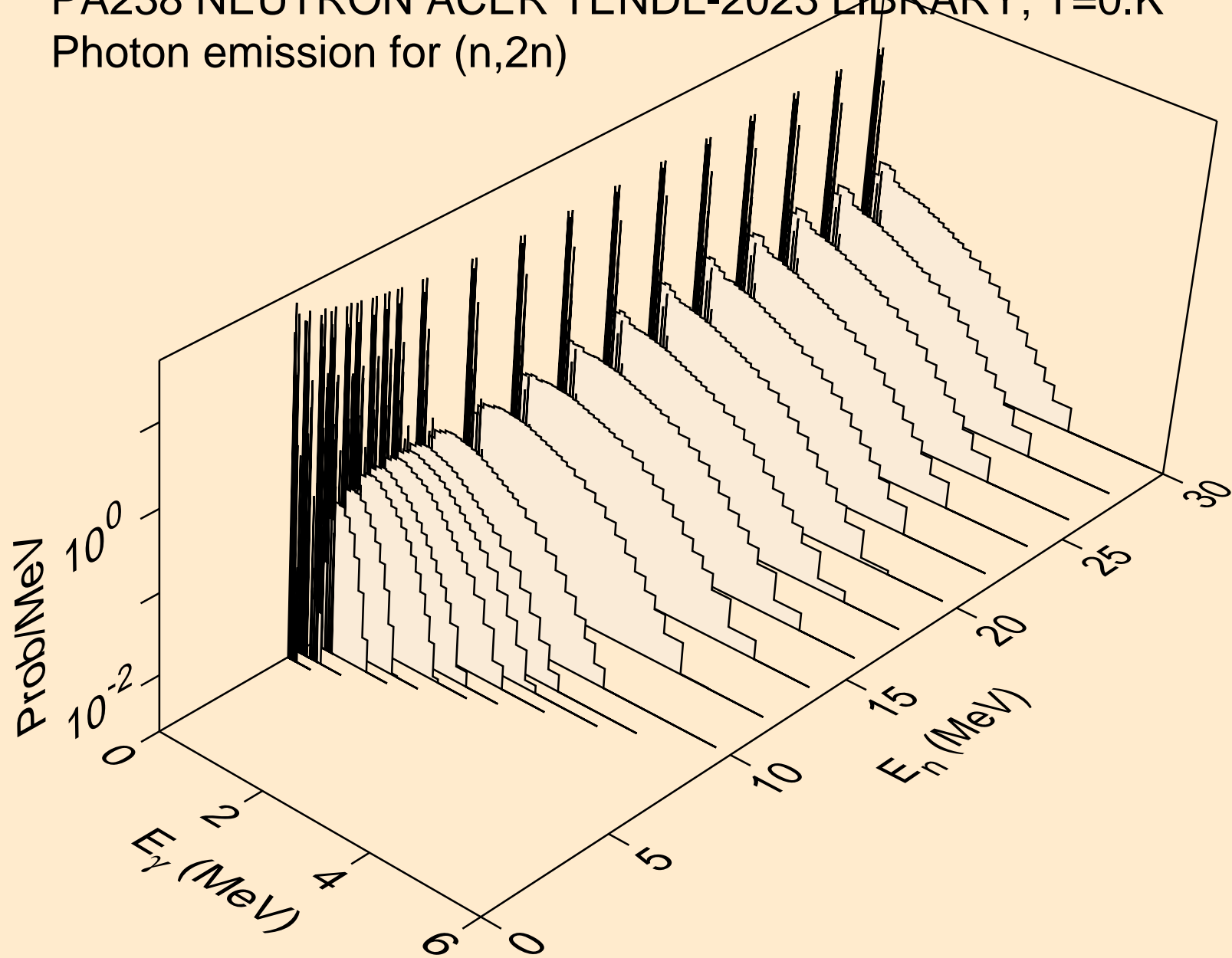
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



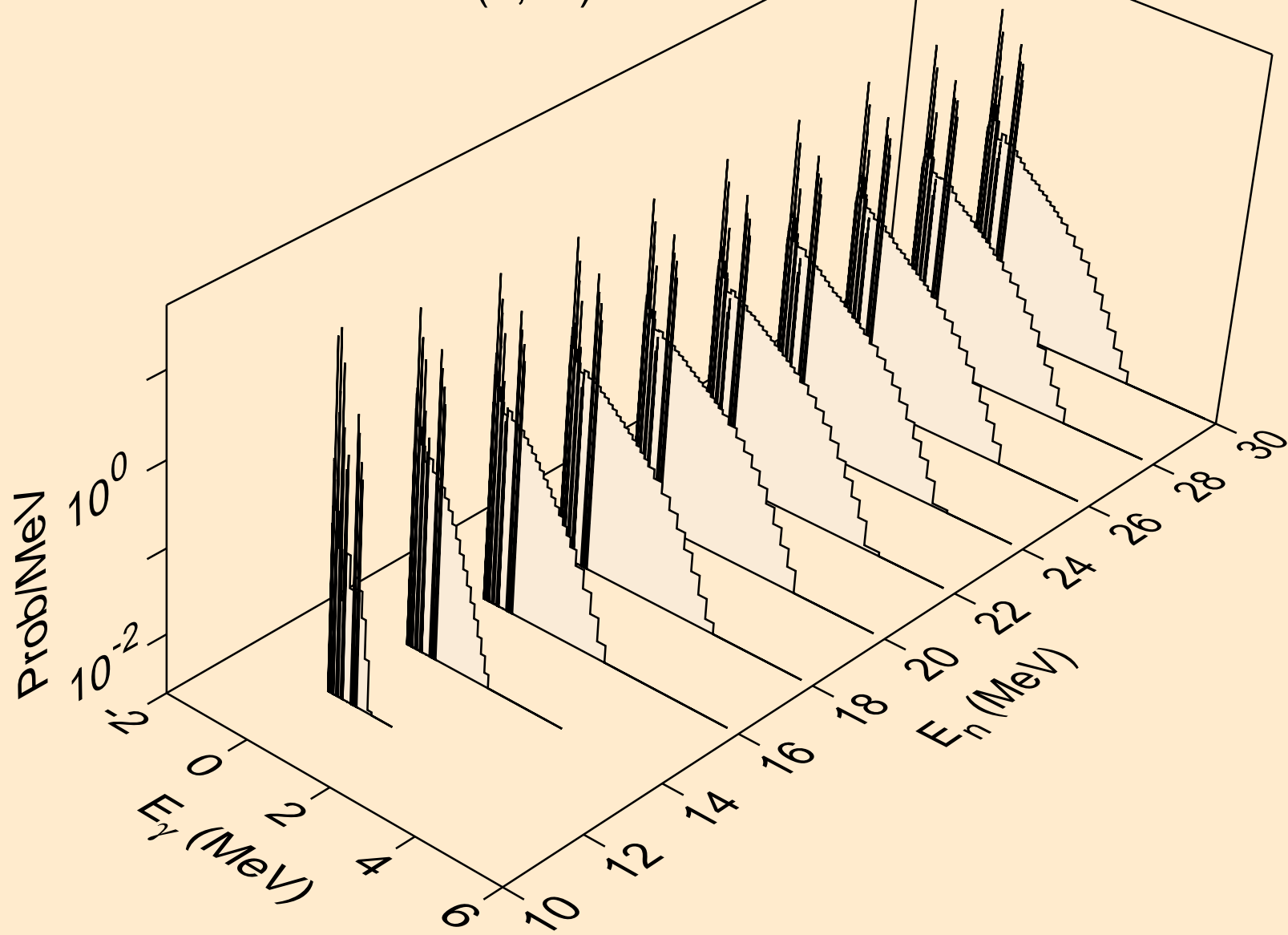
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



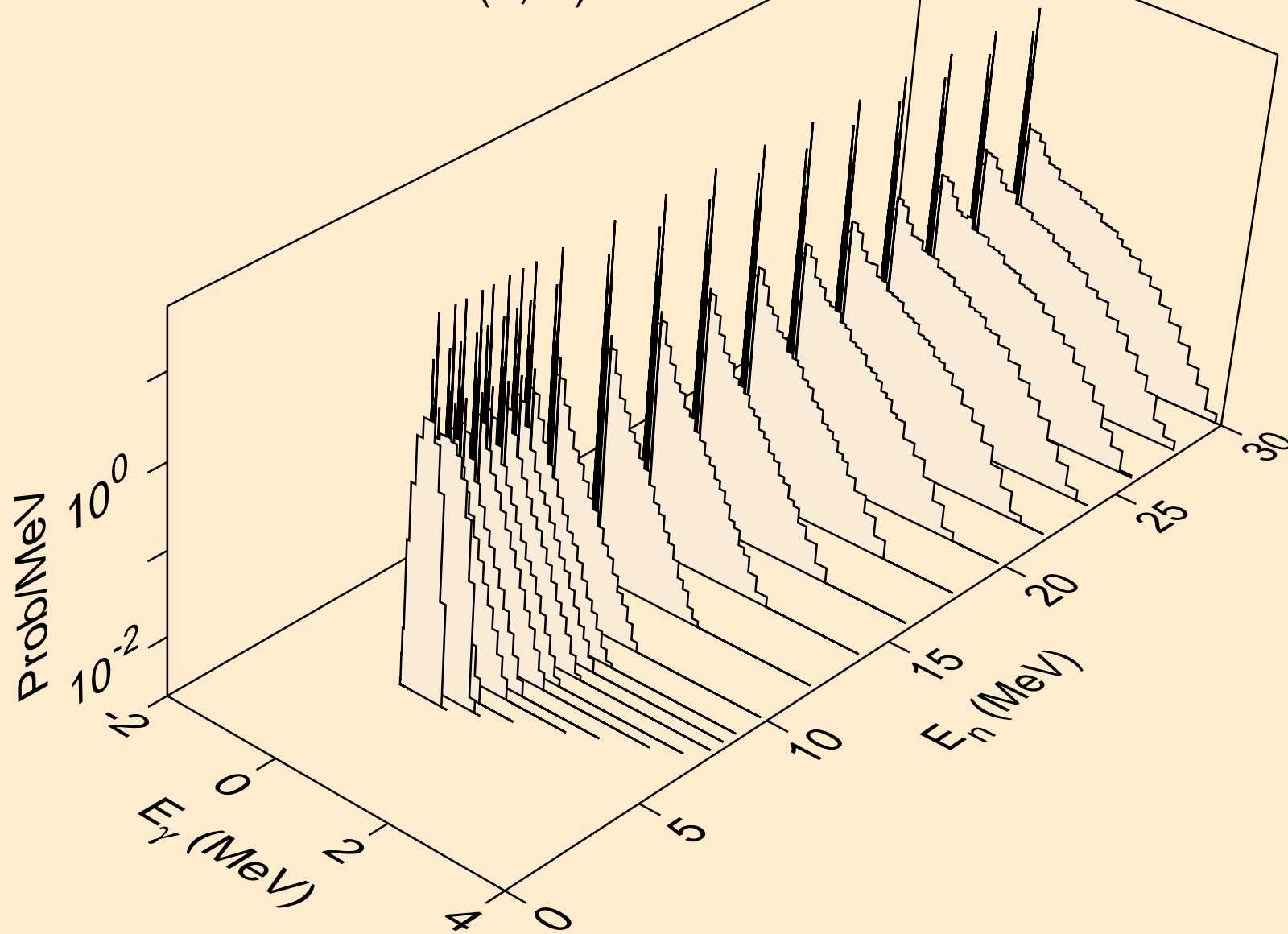
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



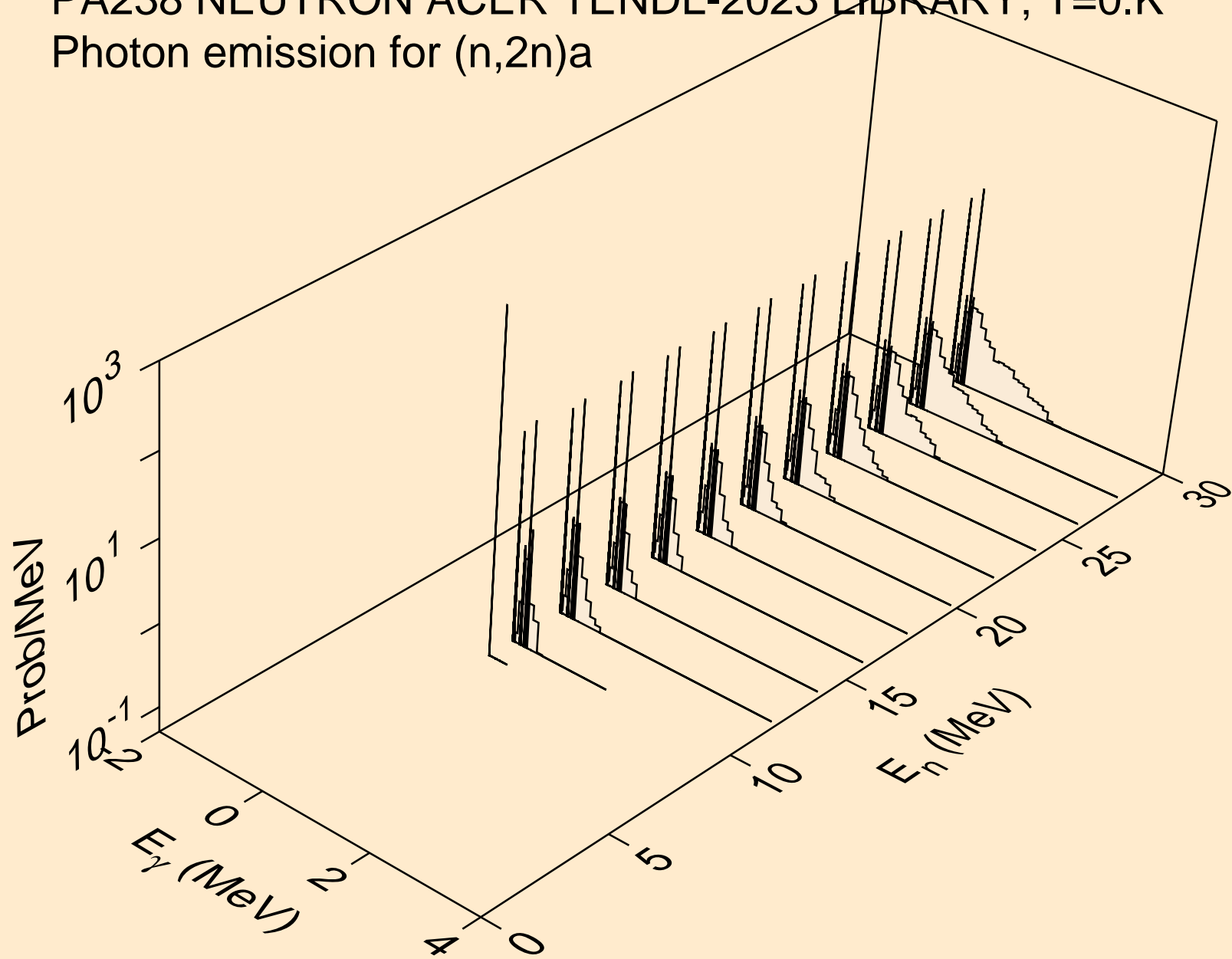
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



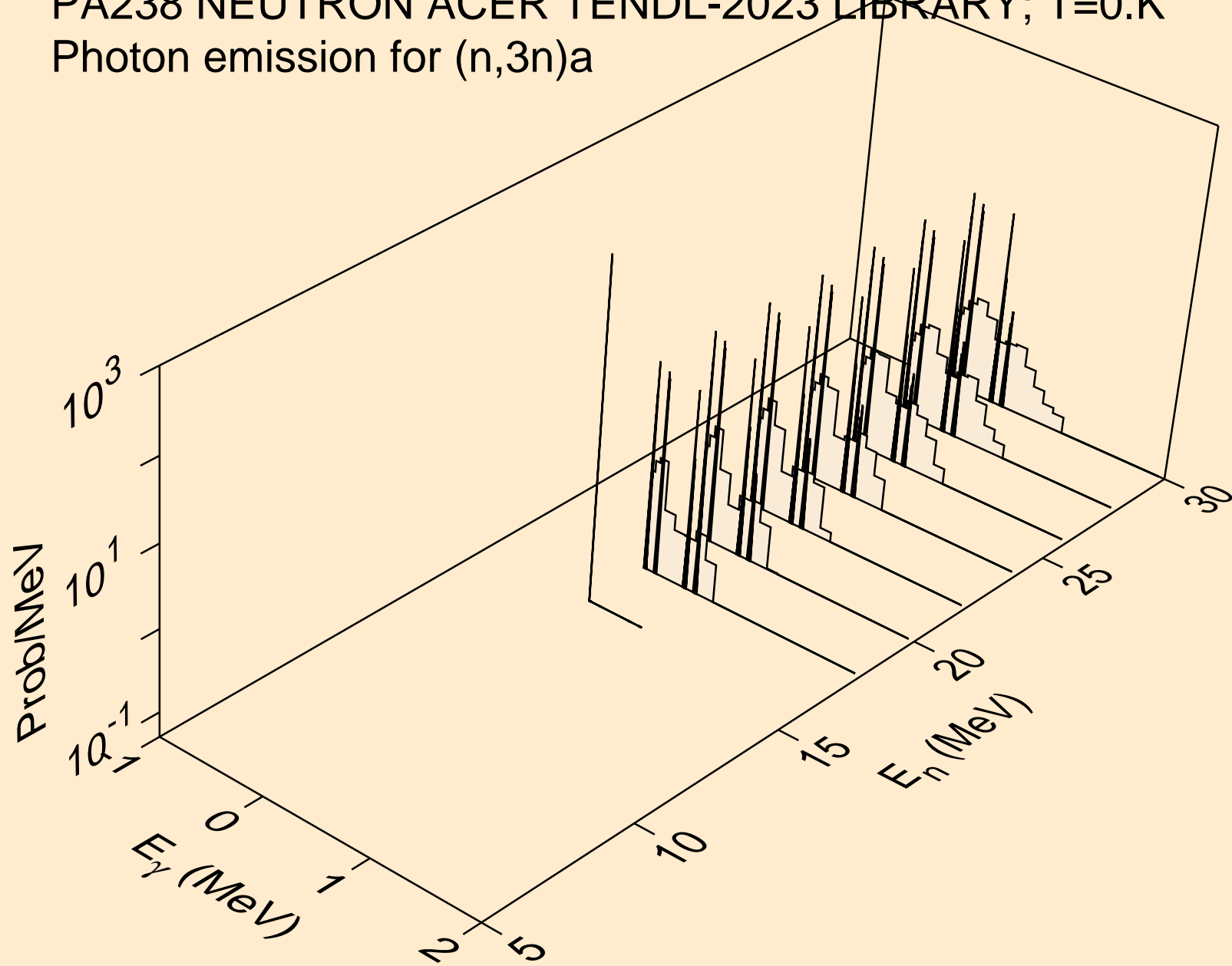
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



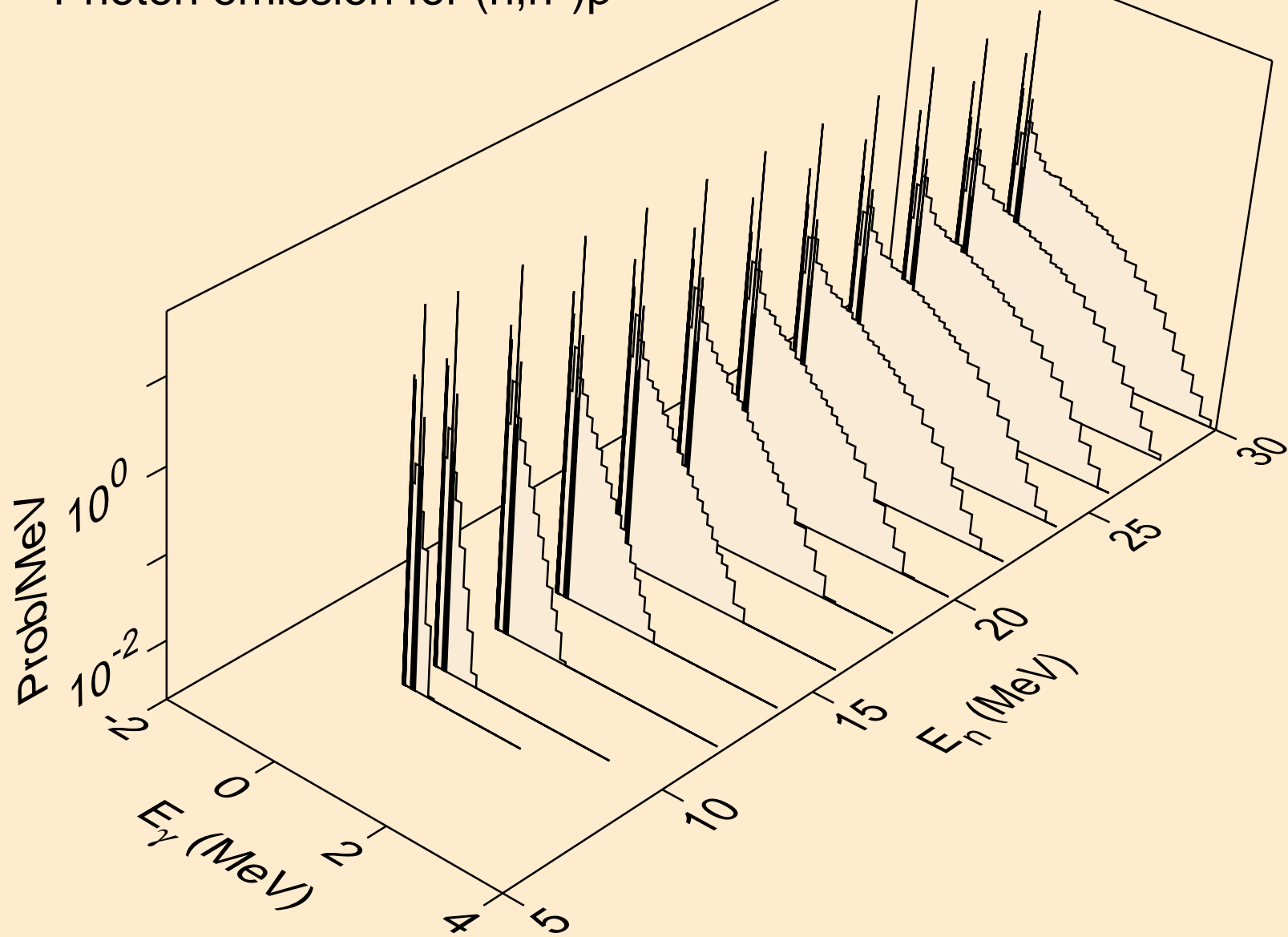
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



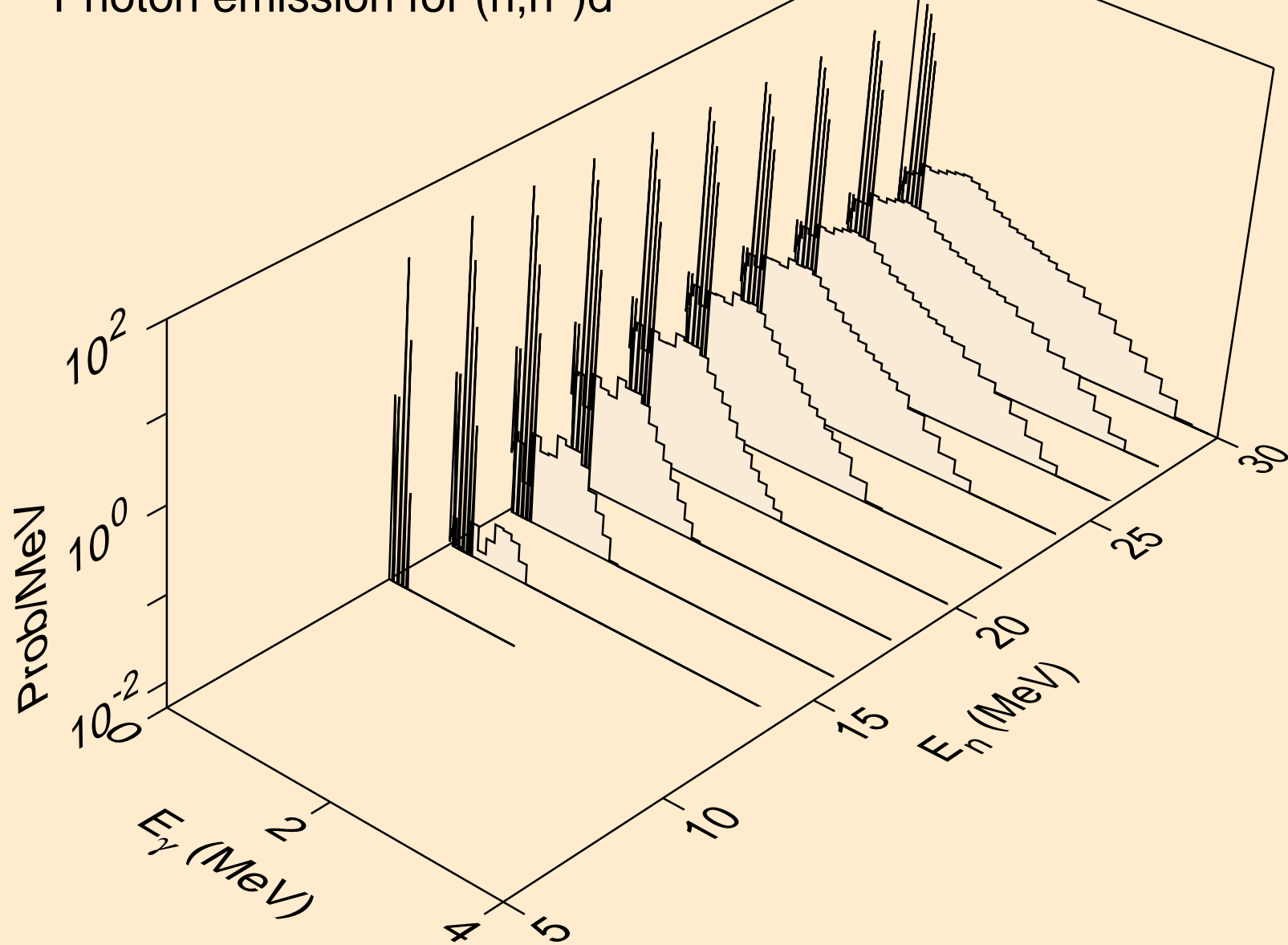
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



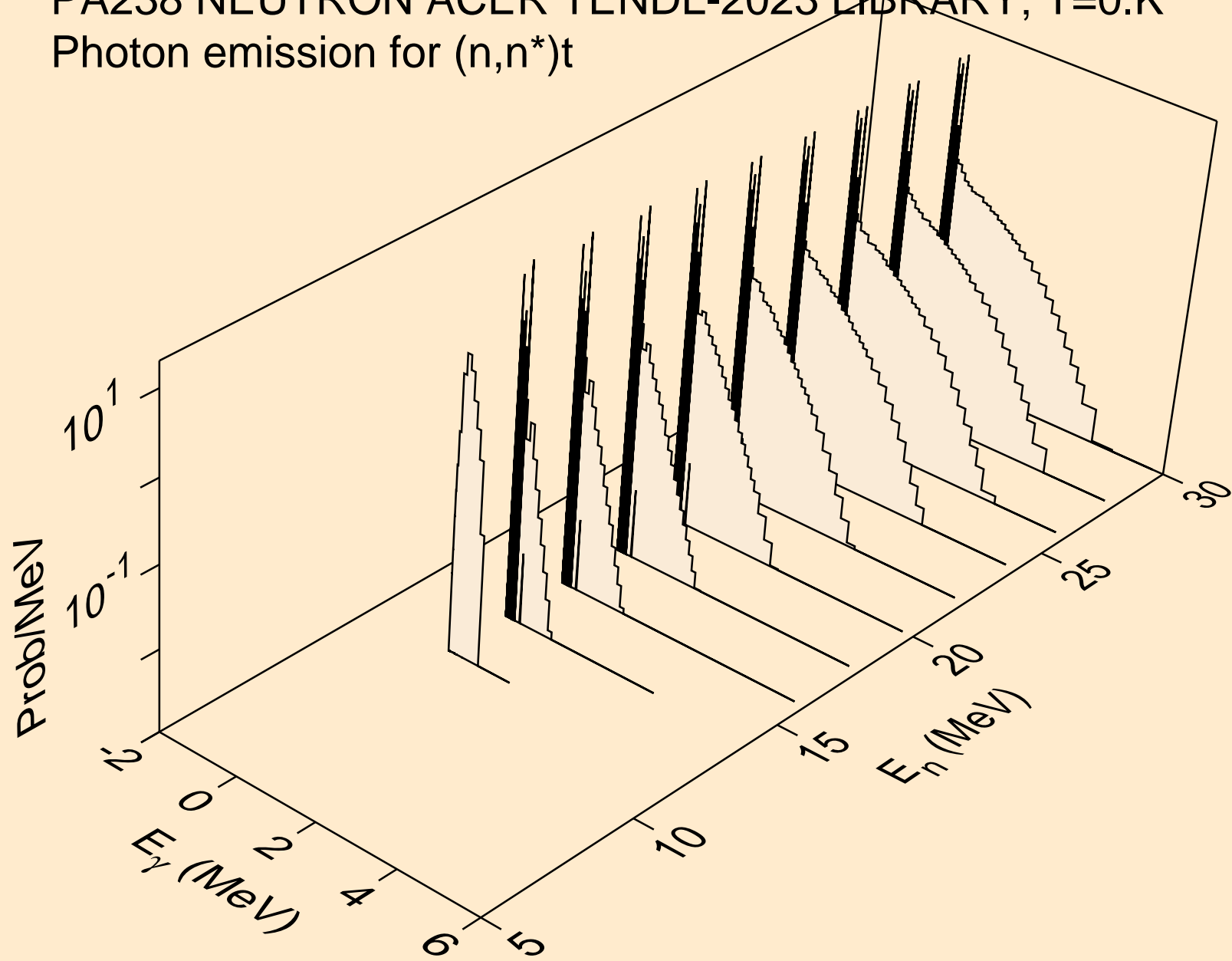
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



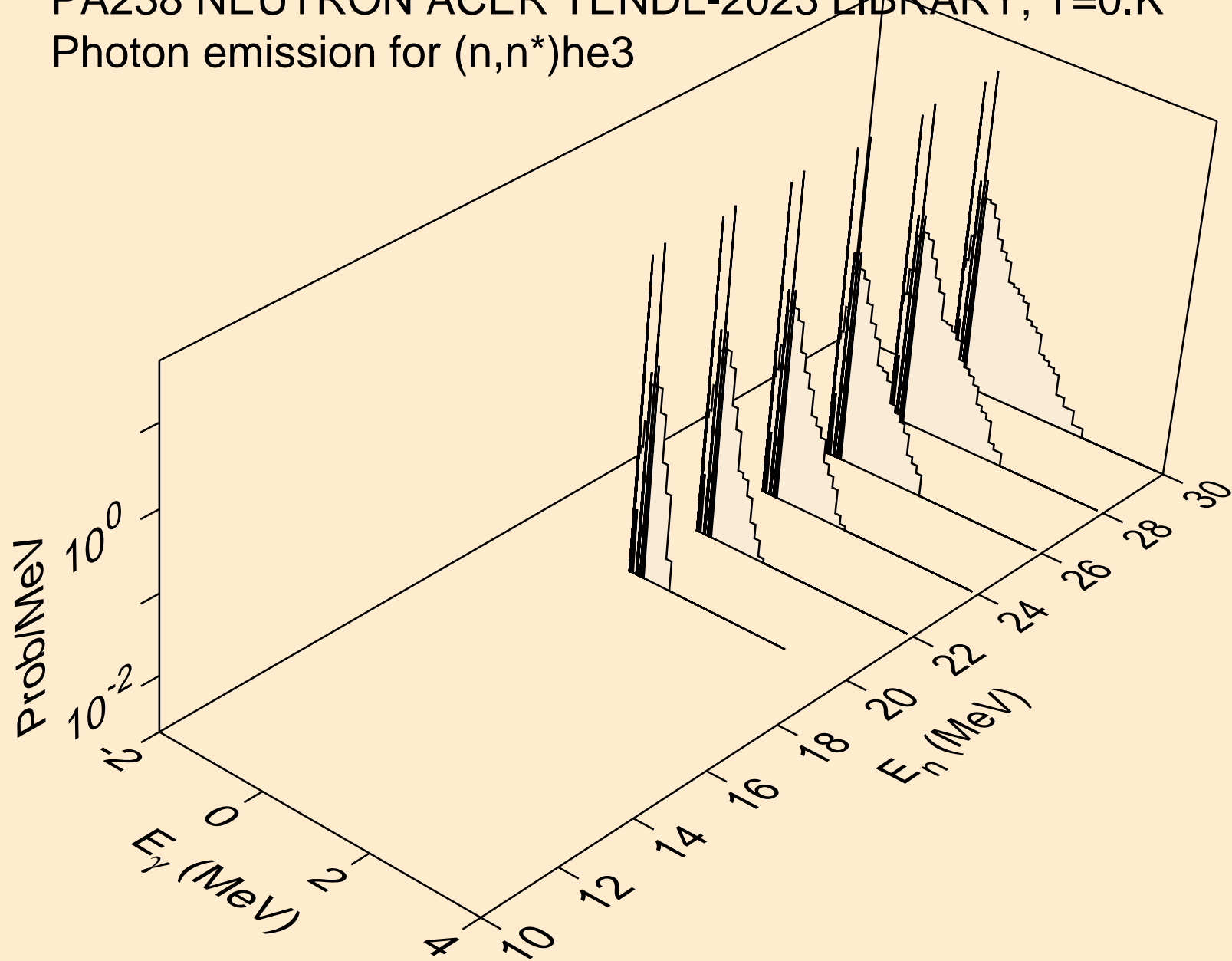
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



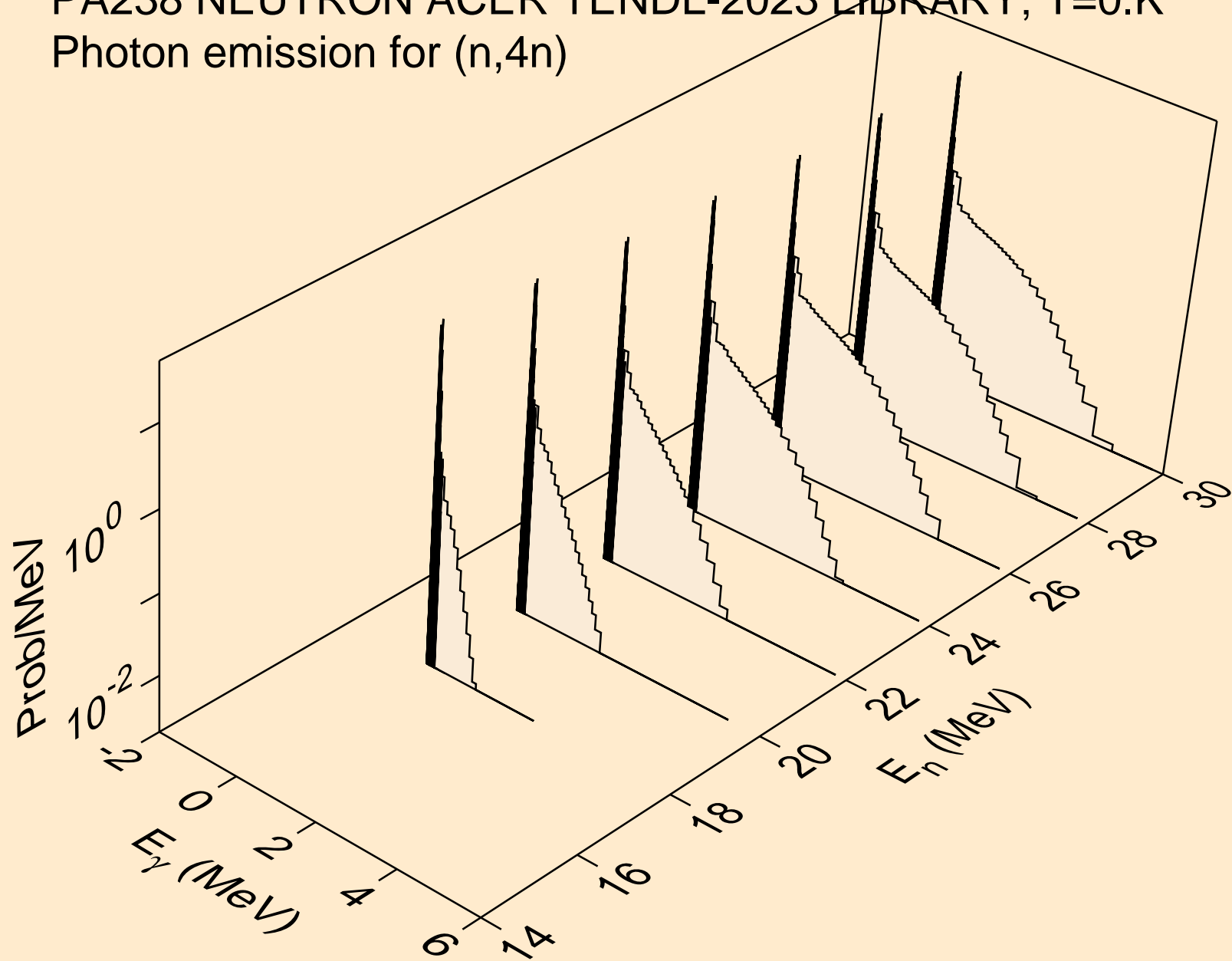
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



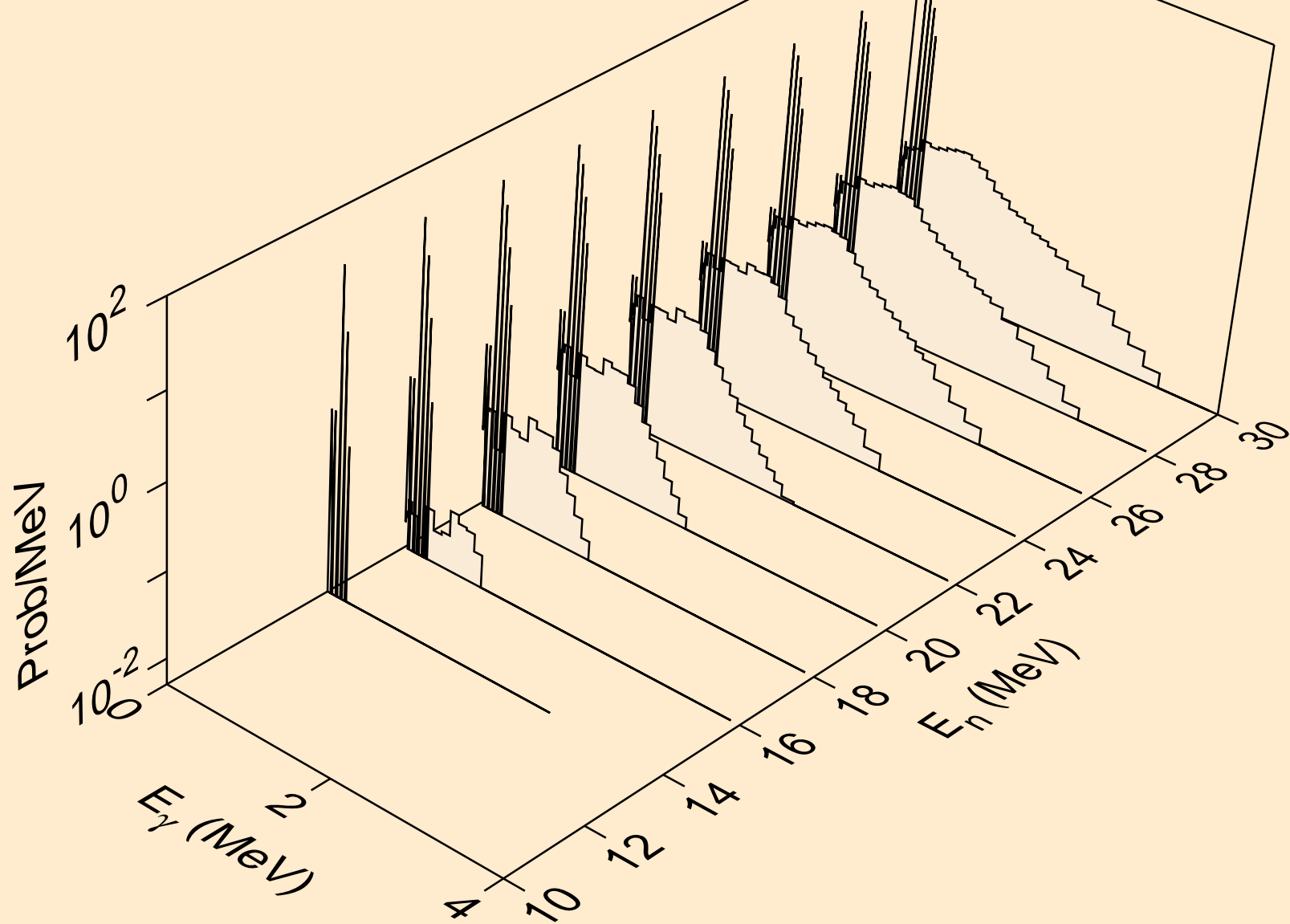
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



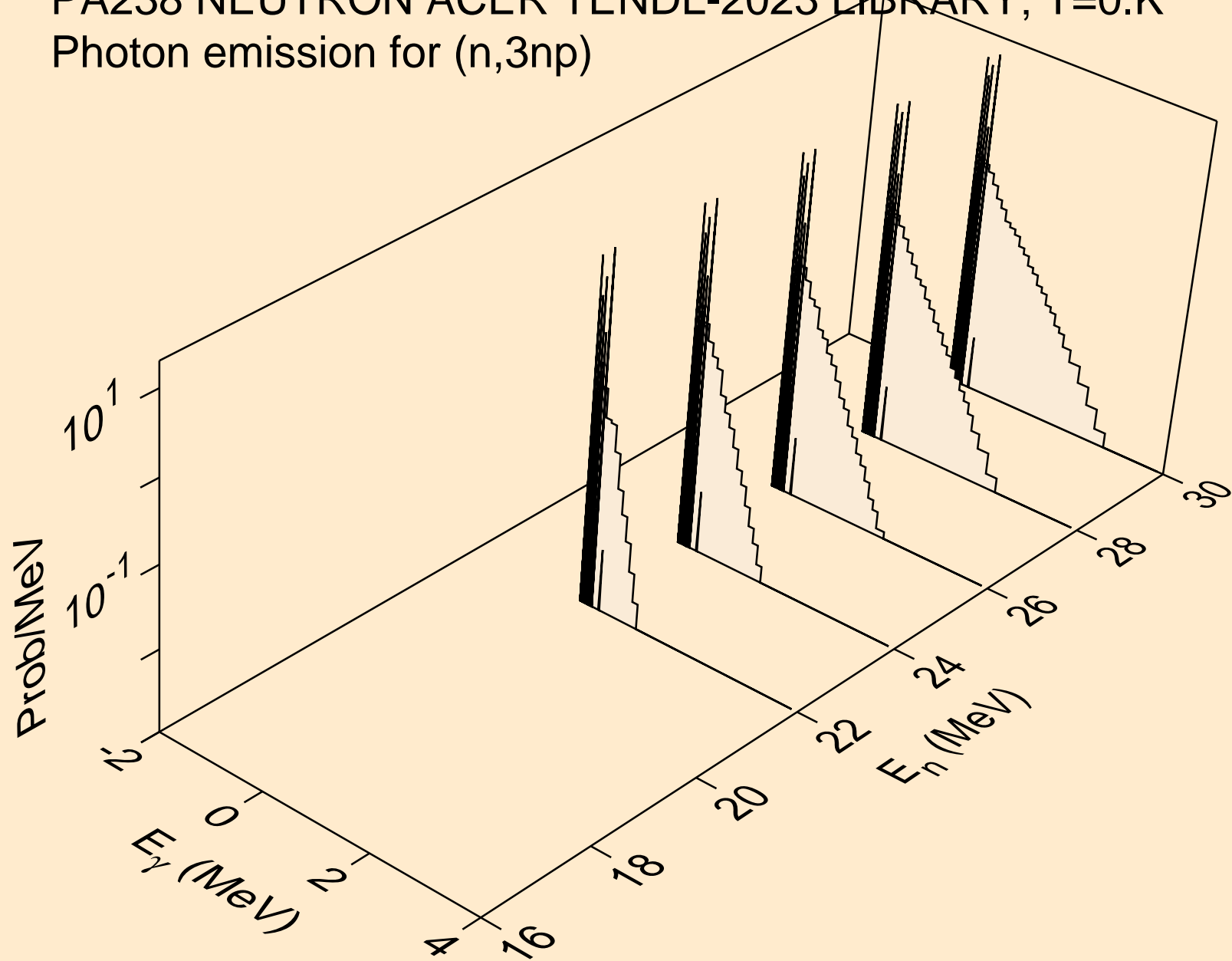
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



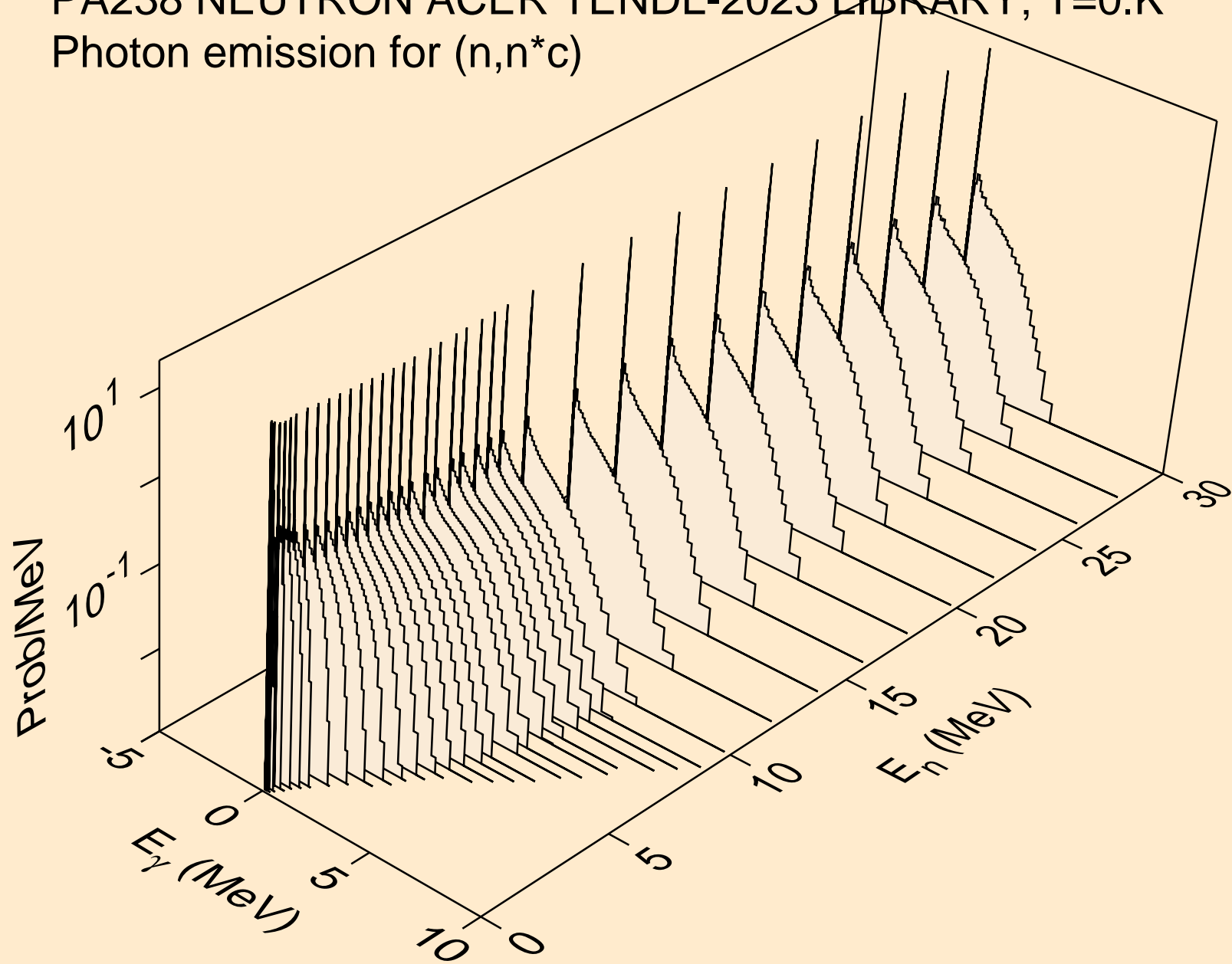
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



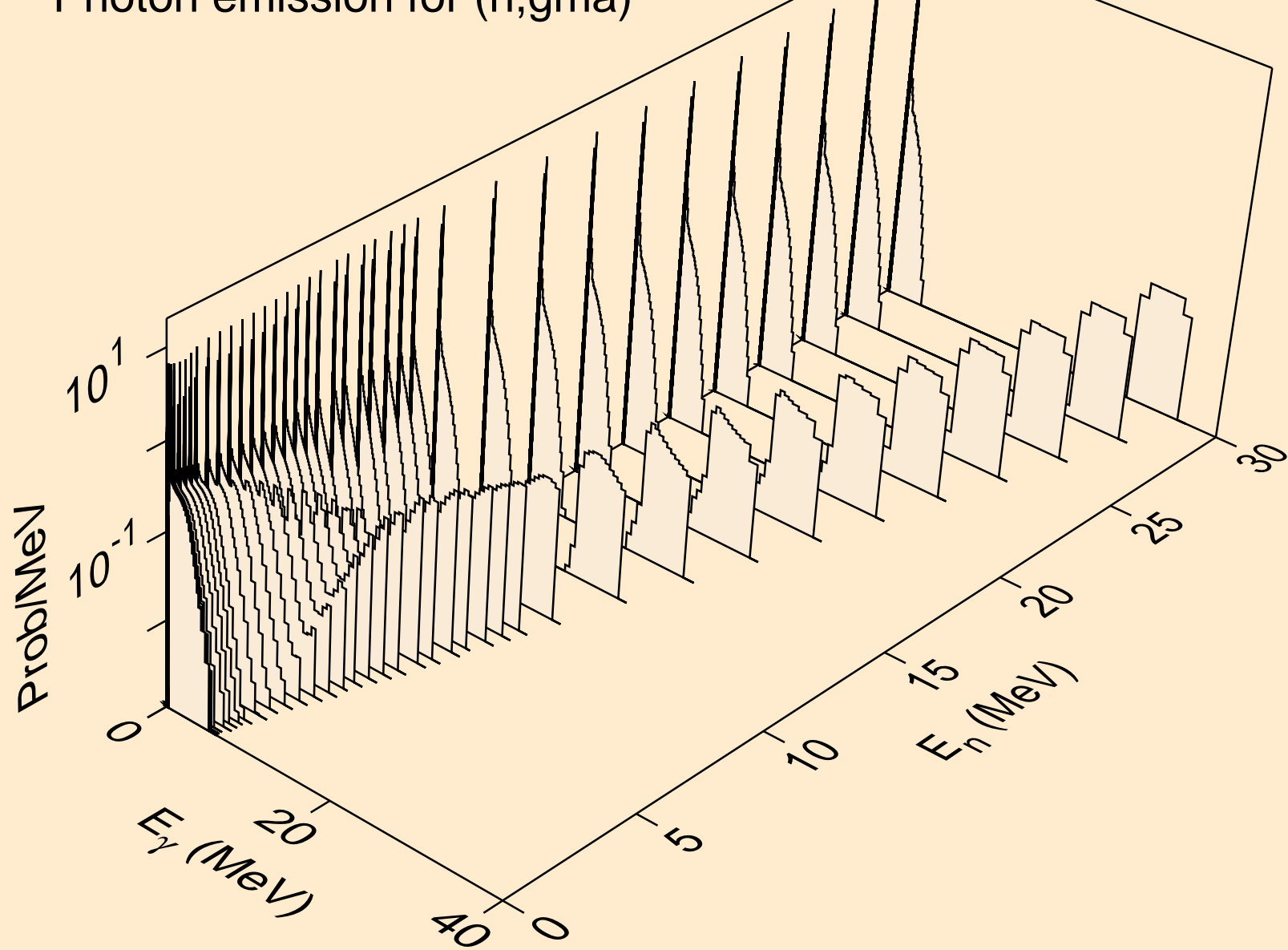
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



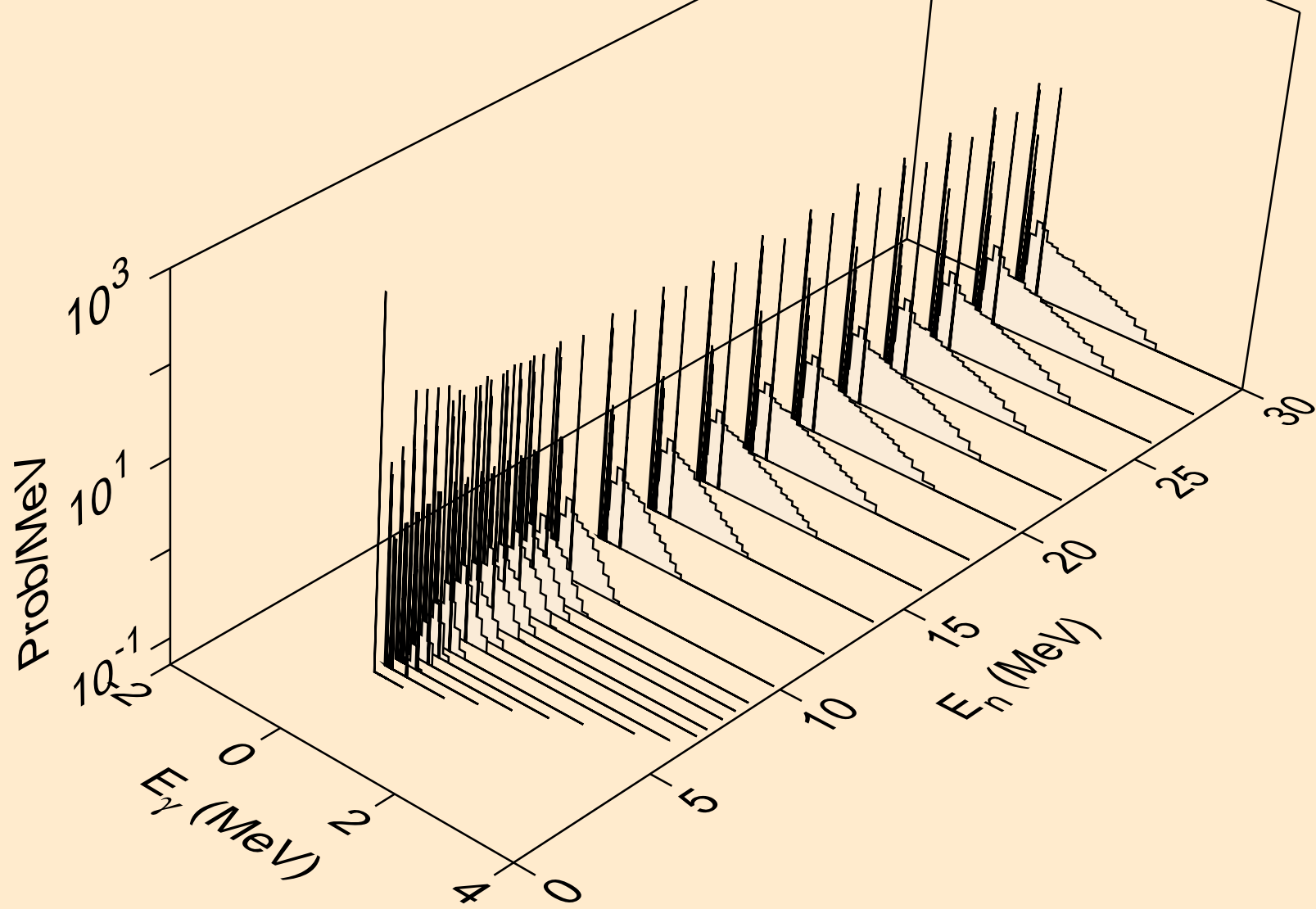
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



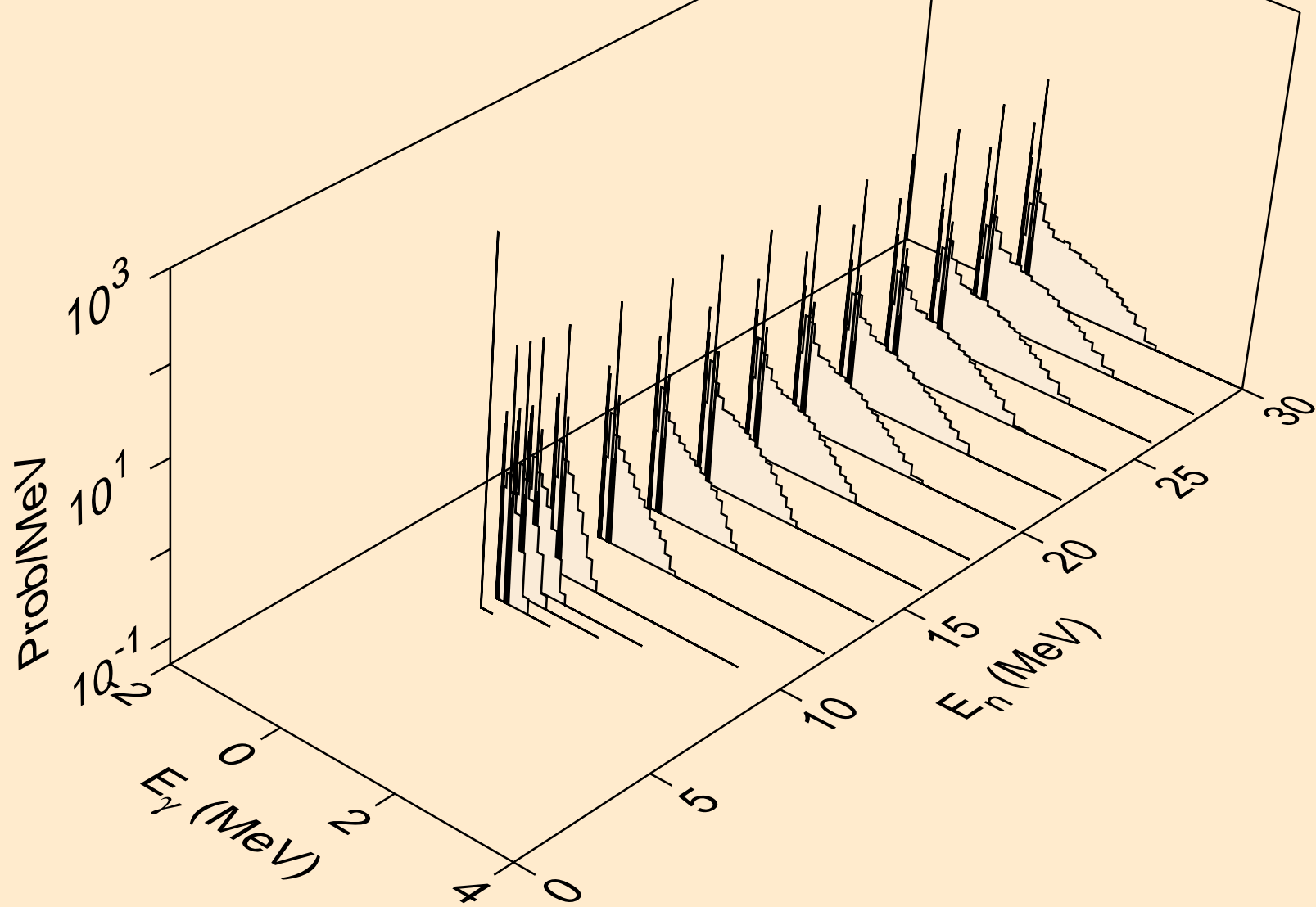
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



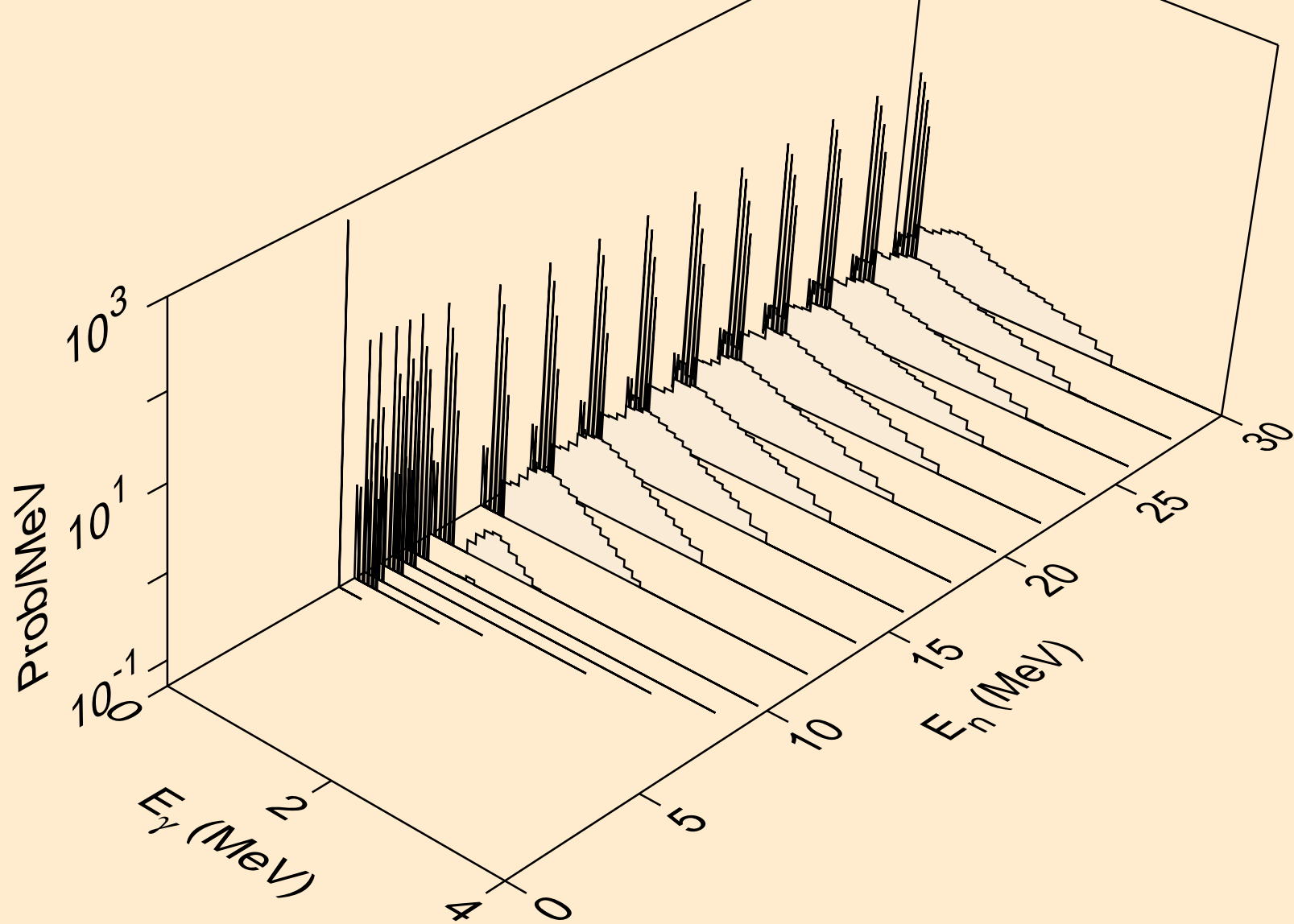
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



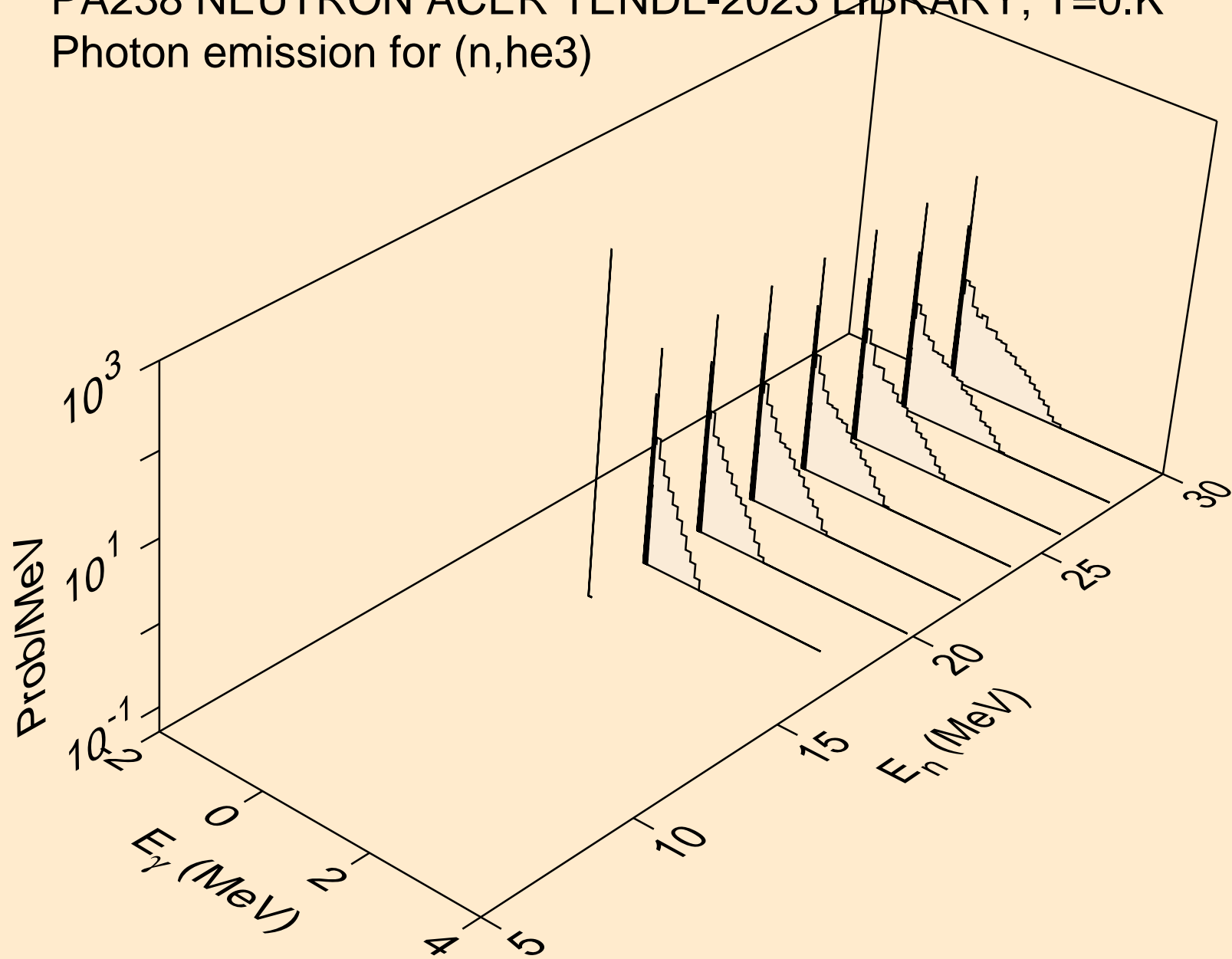
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



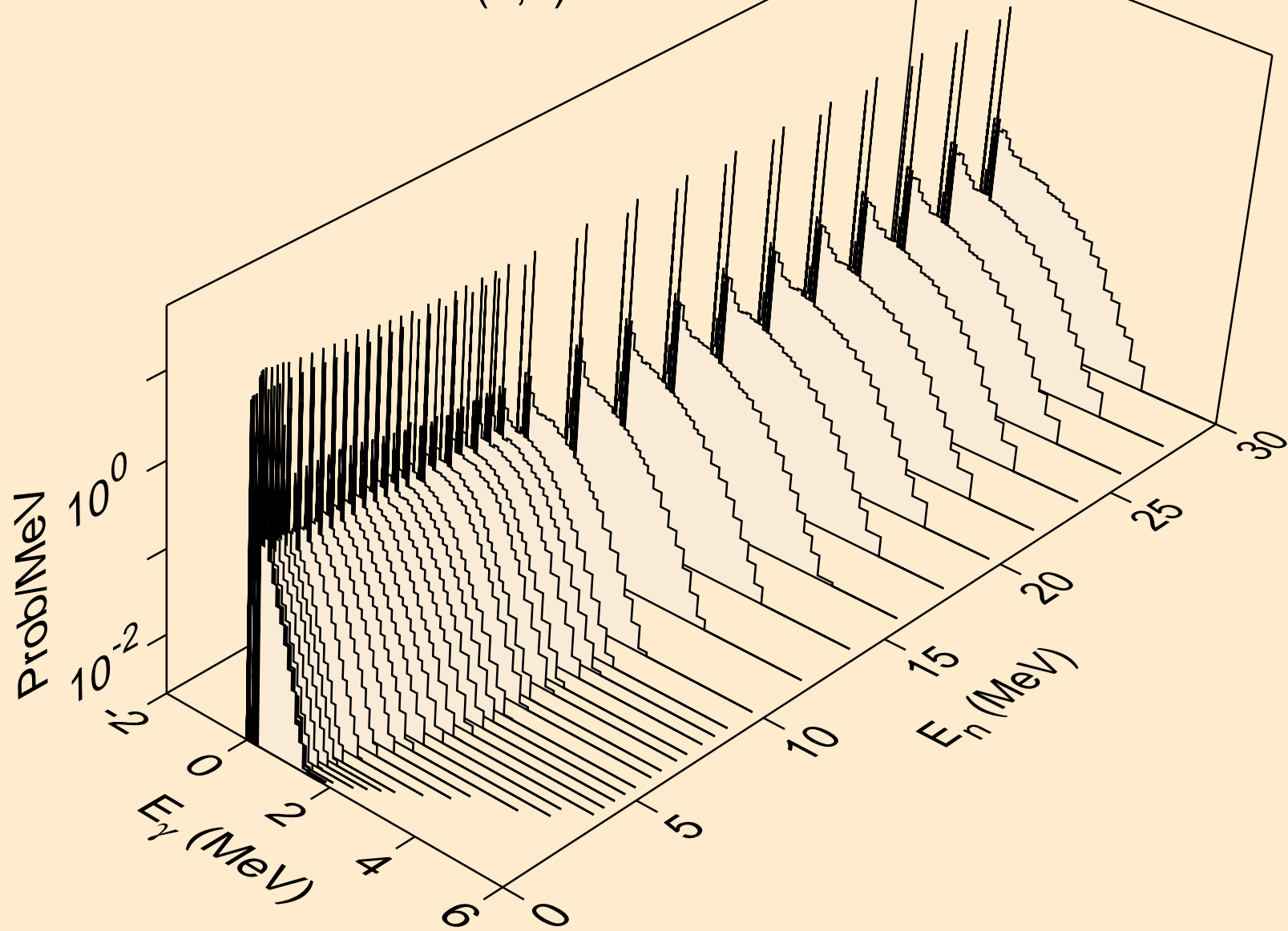
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Photon emission for (n,t)



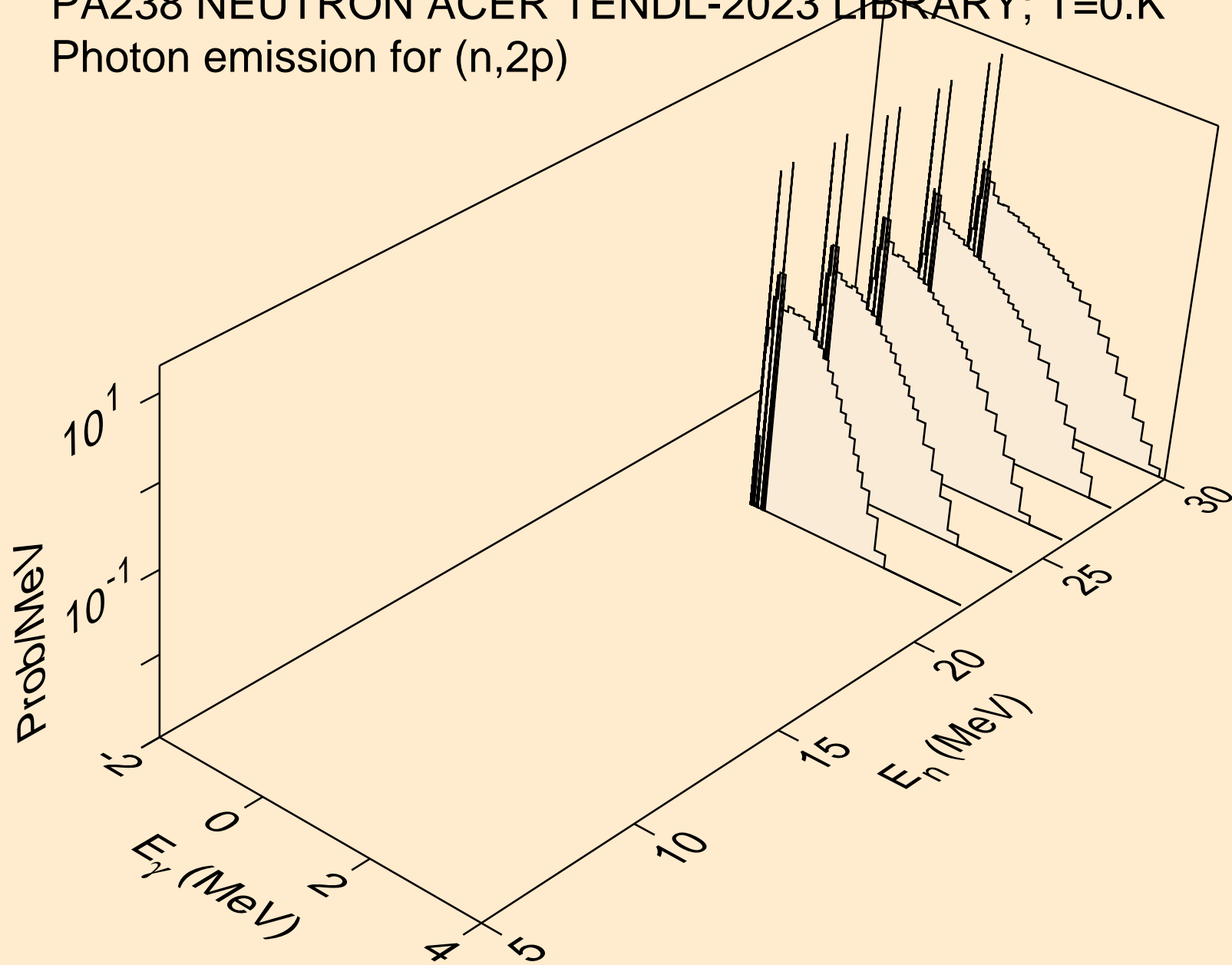
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



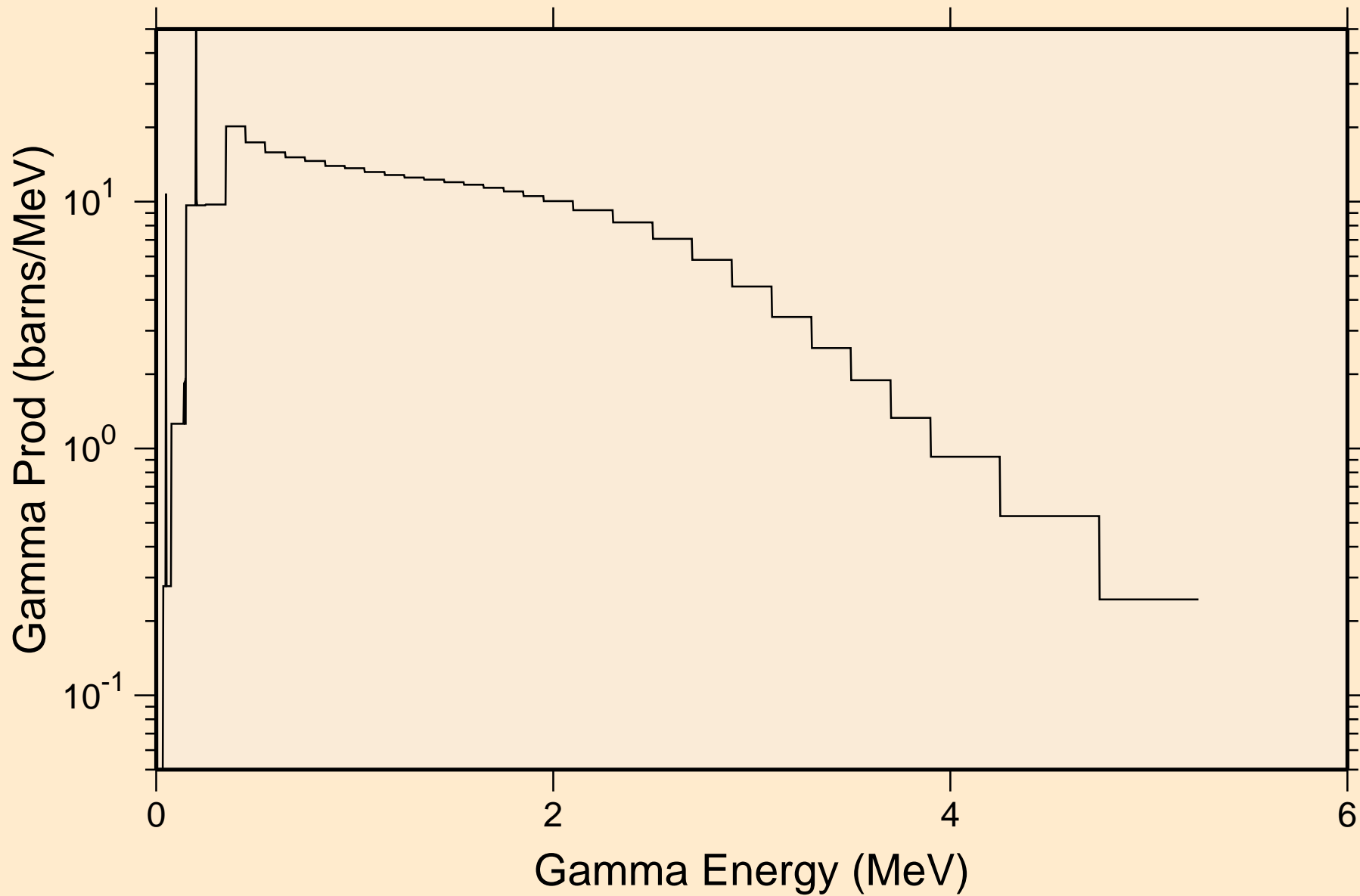
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



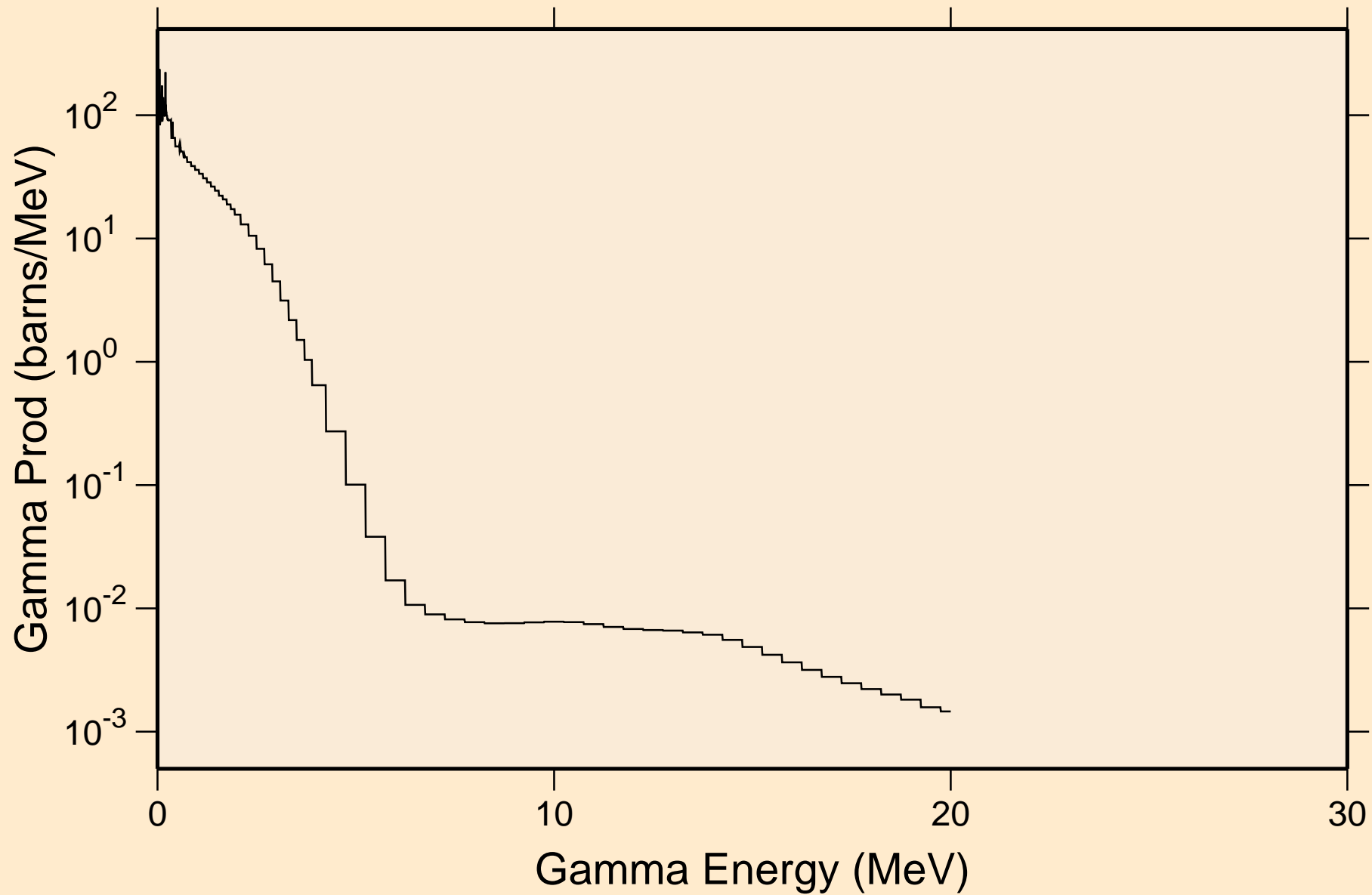
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



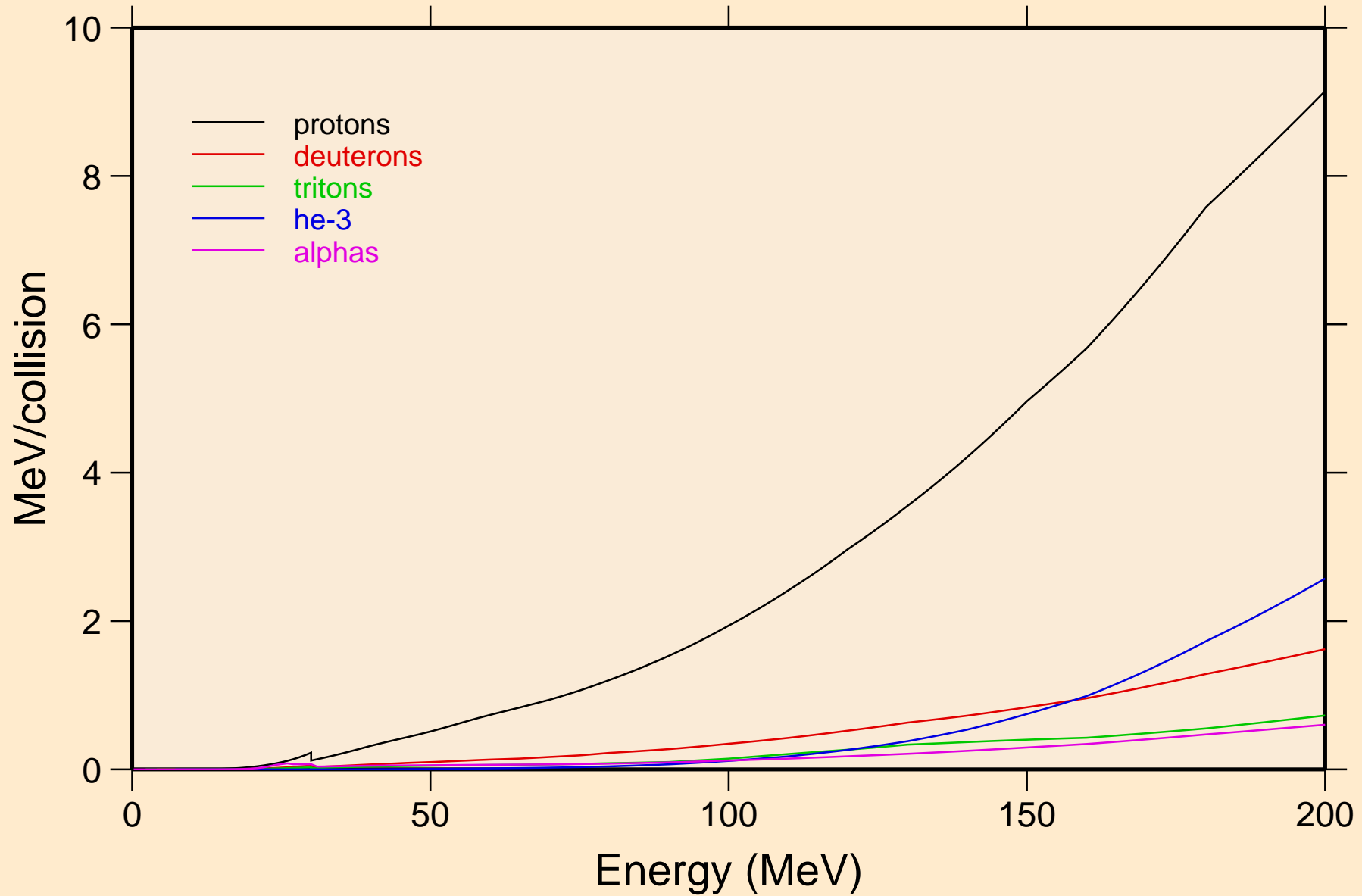
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum



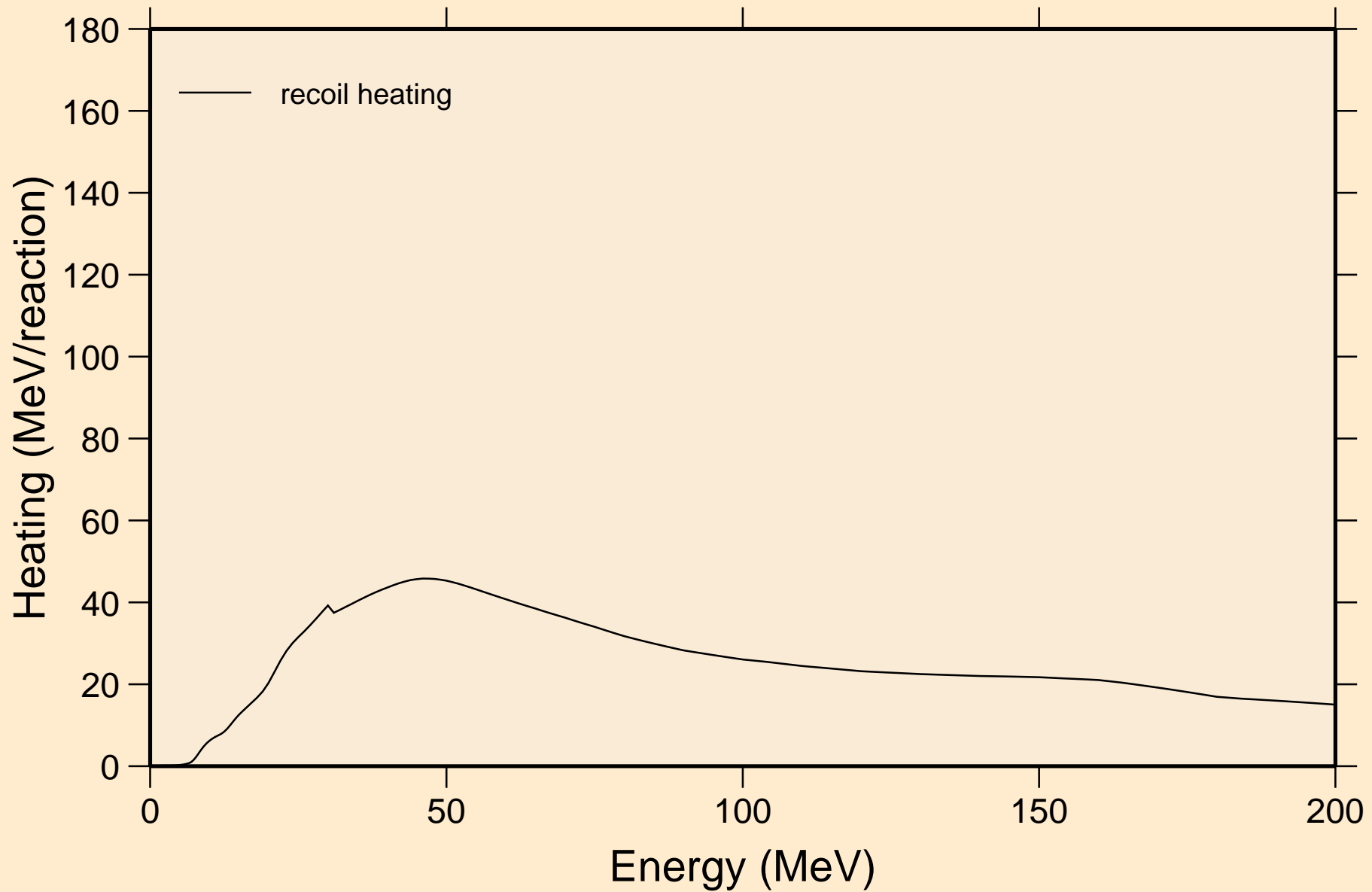
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14 MeV photon spectrum



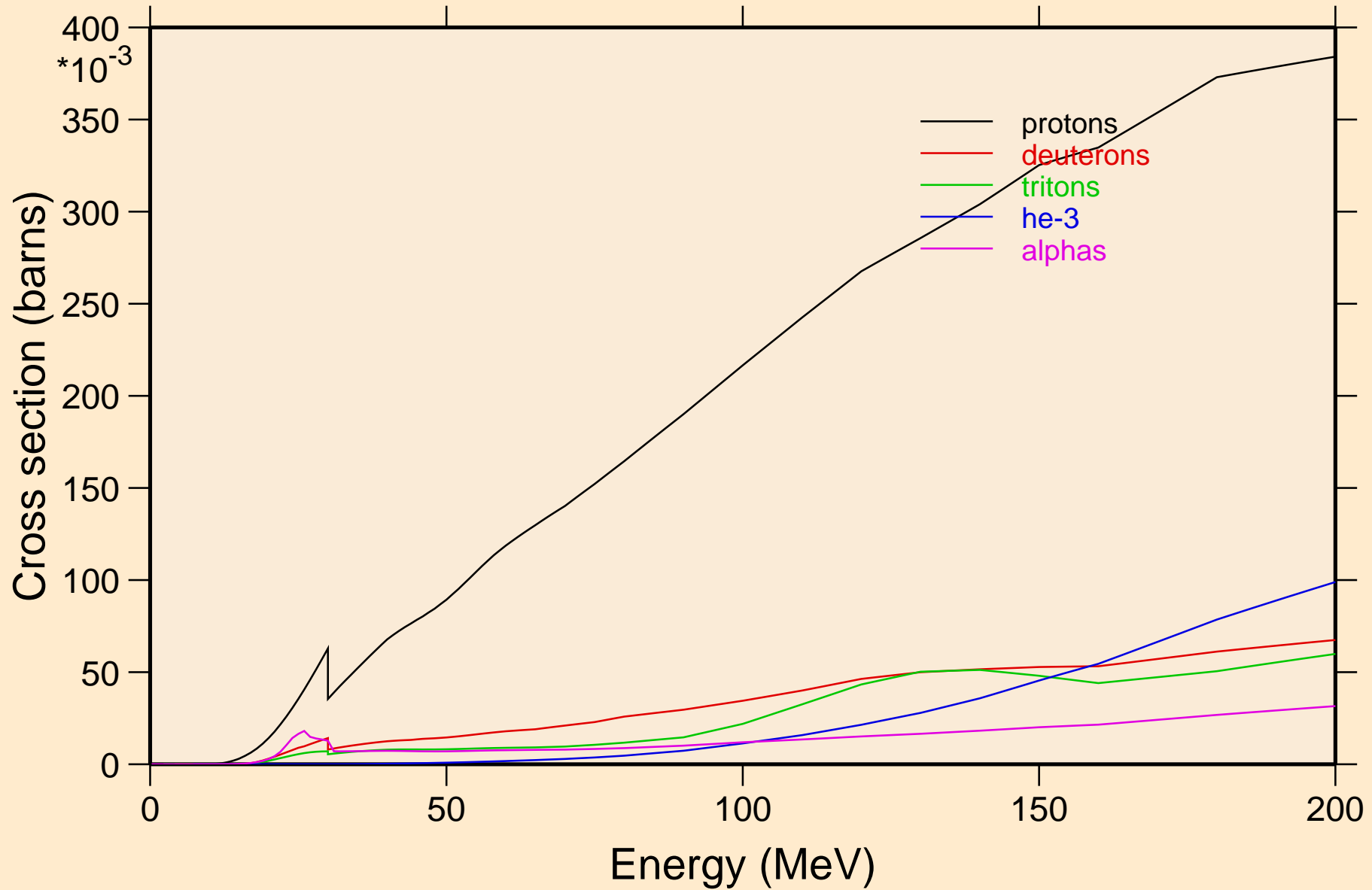
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Particle heating contributions



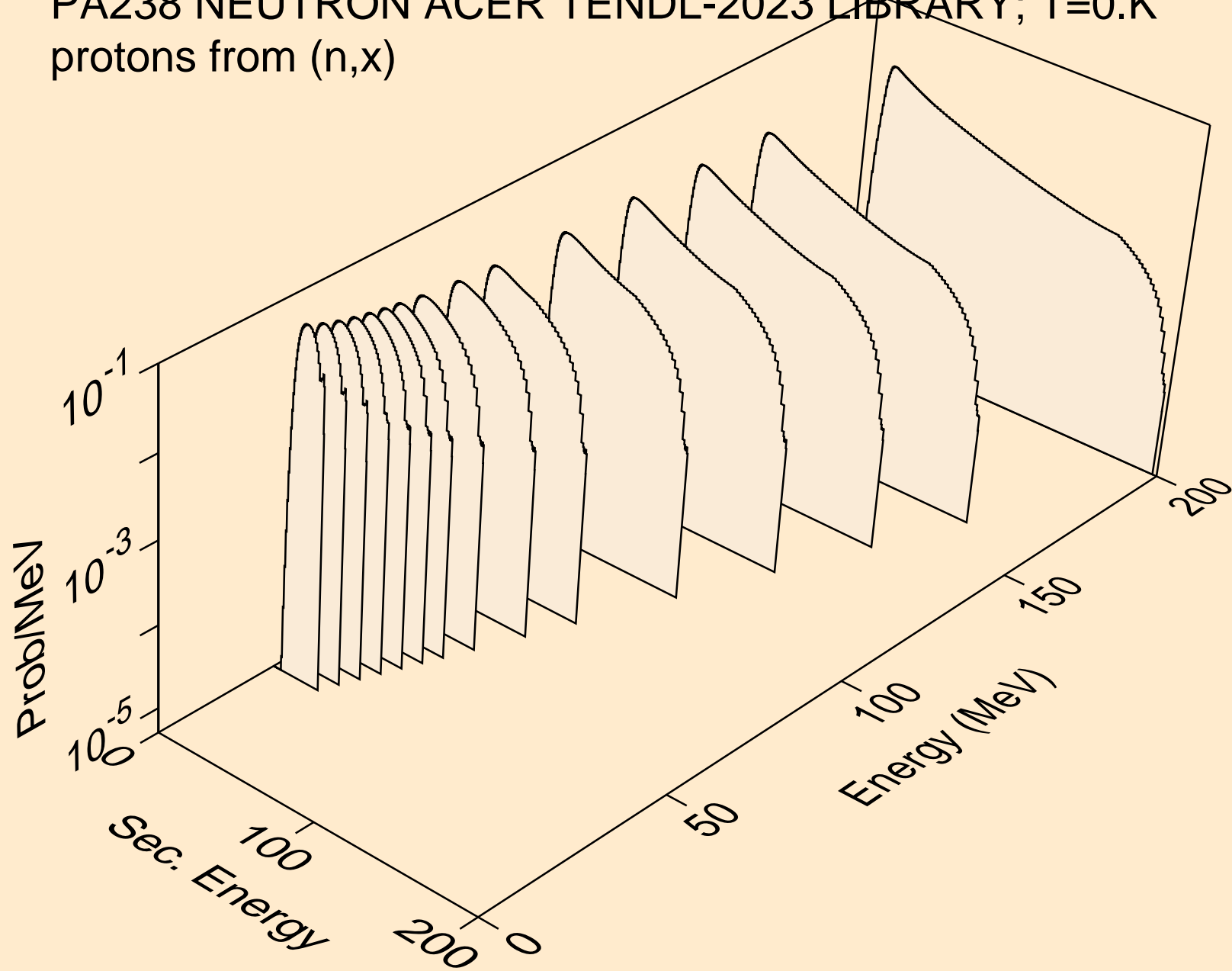
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Recoil Heating



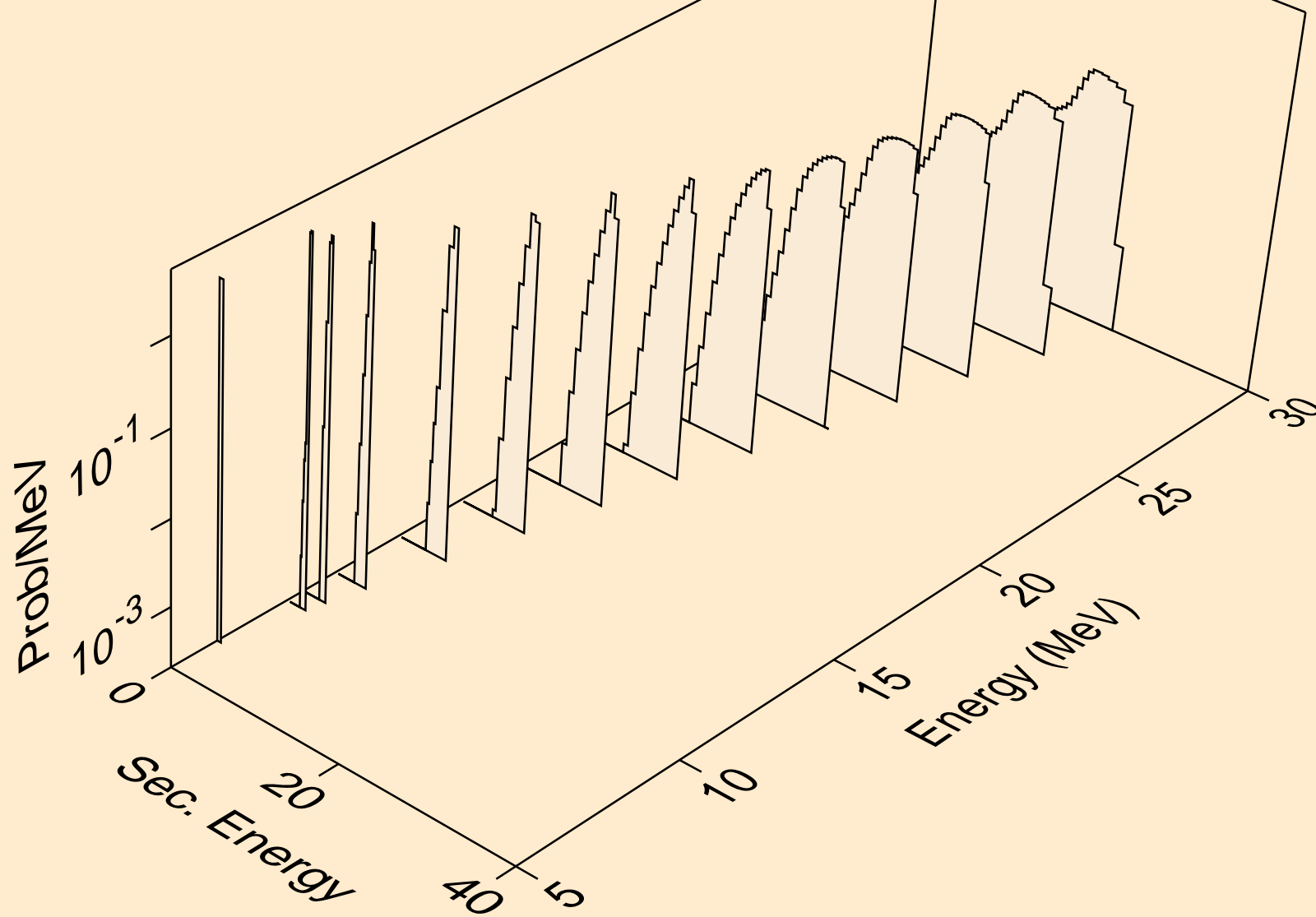
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



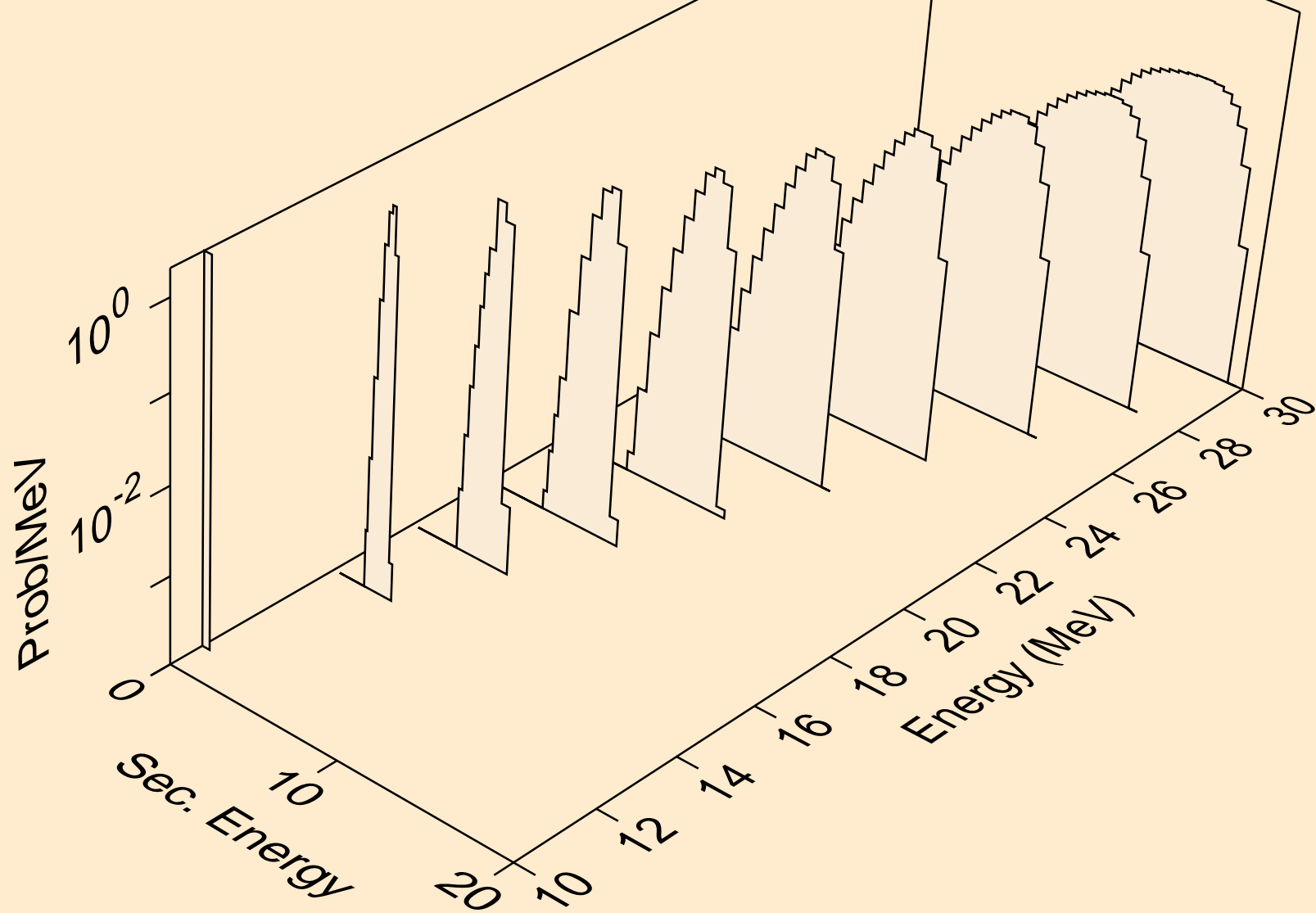
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



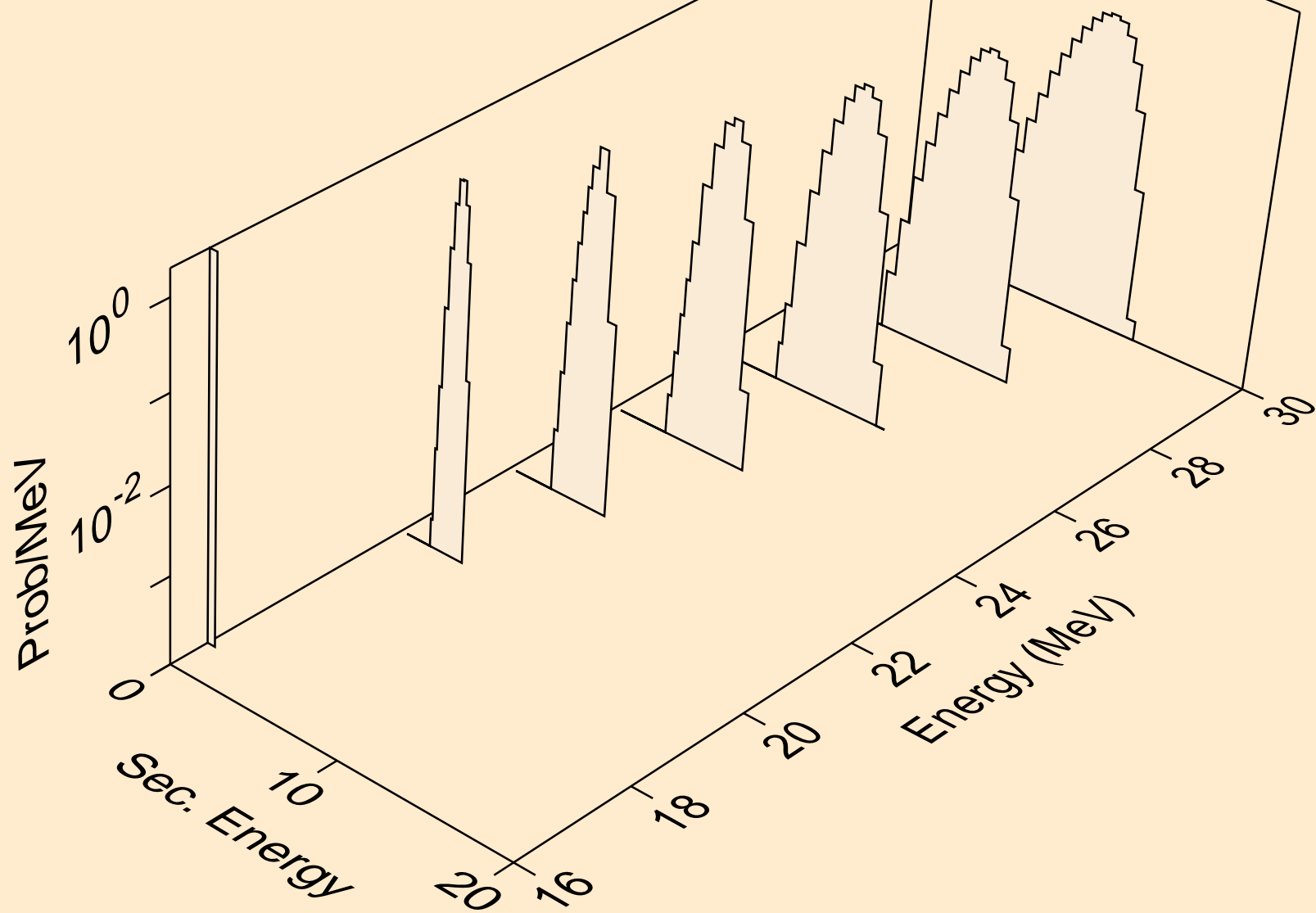
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protons from (n,n*)p



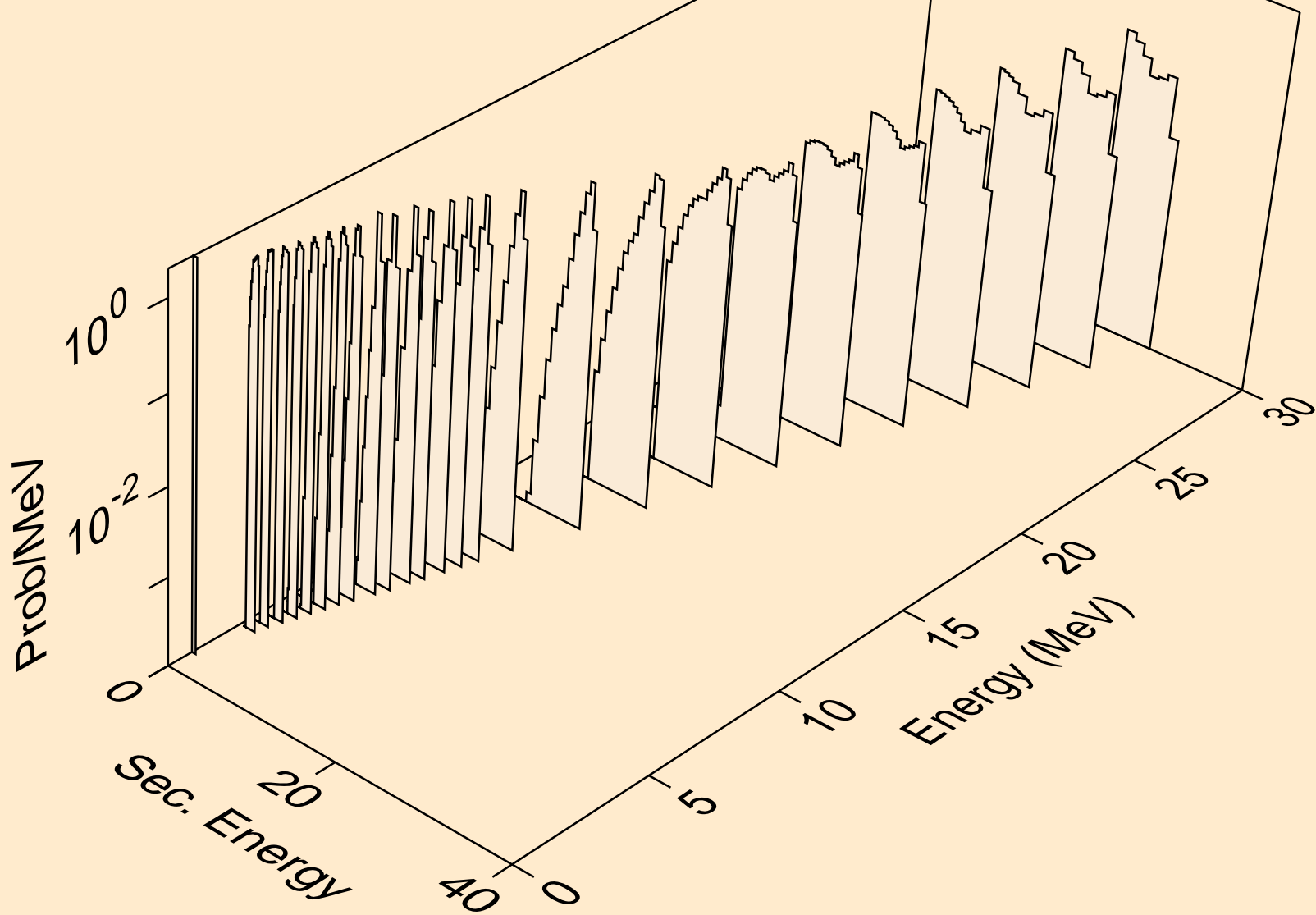
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protons from (n,2np)



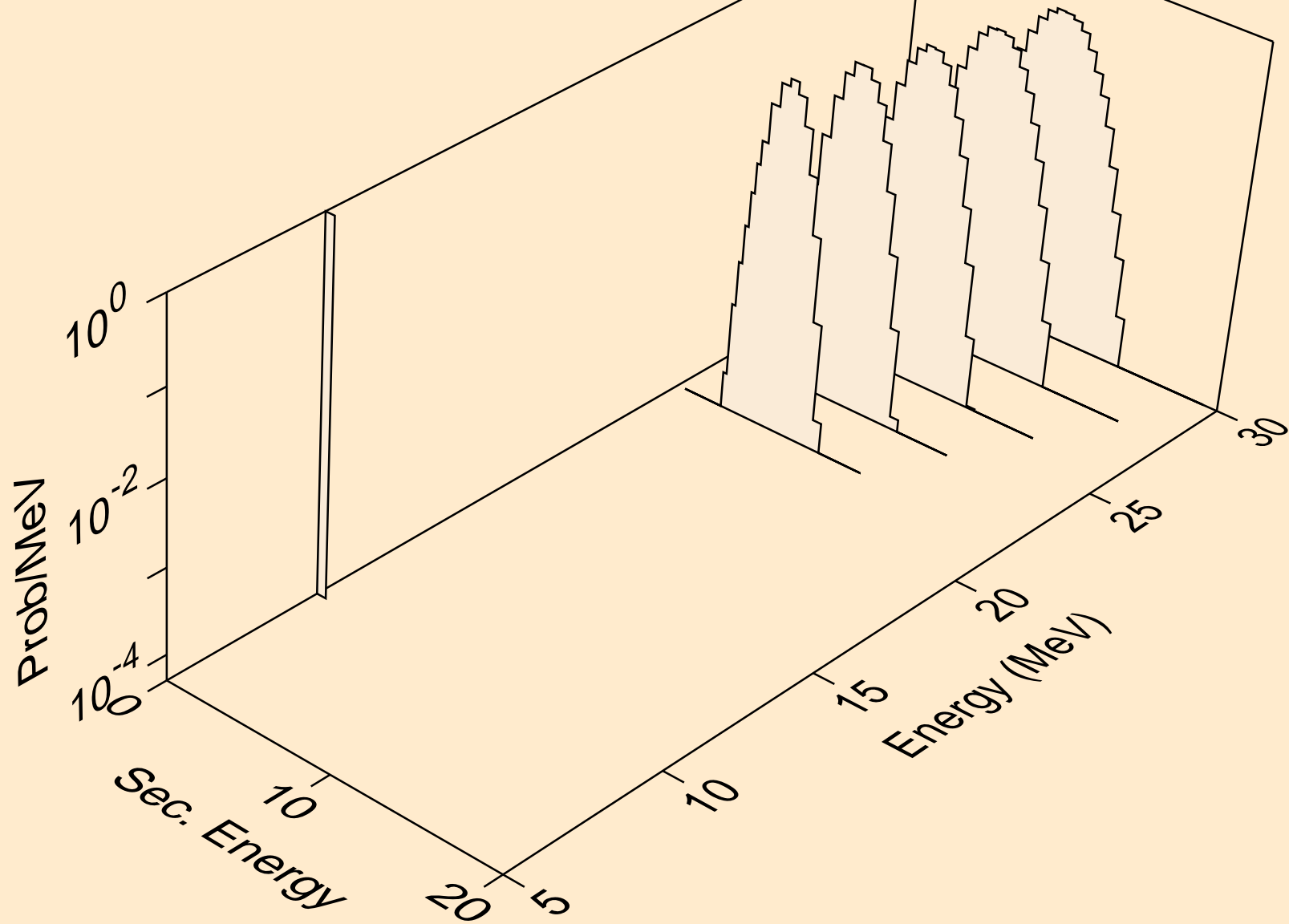
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protons from (n,3np)



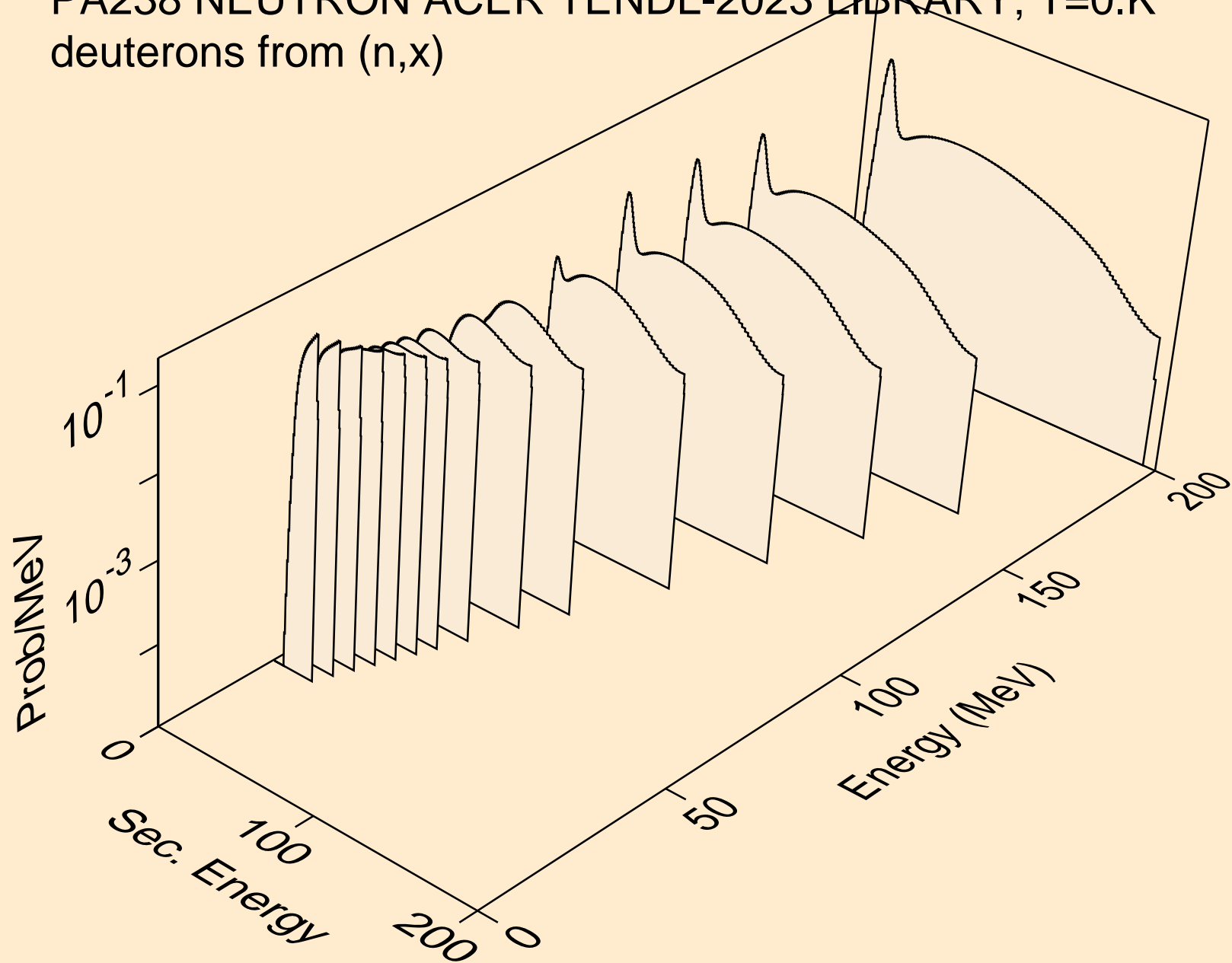
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protons from (n,p)



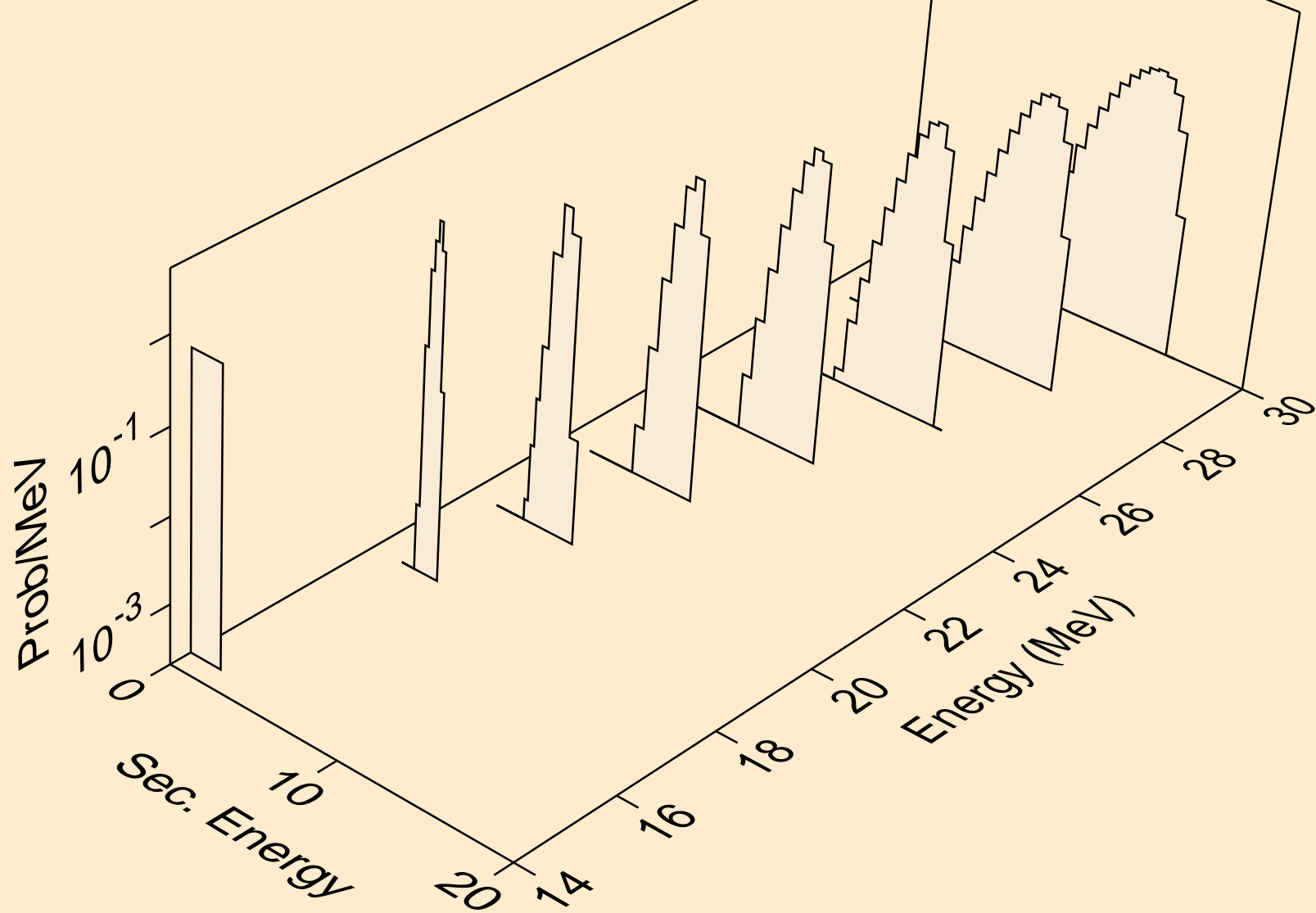
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protons from (n,2p)



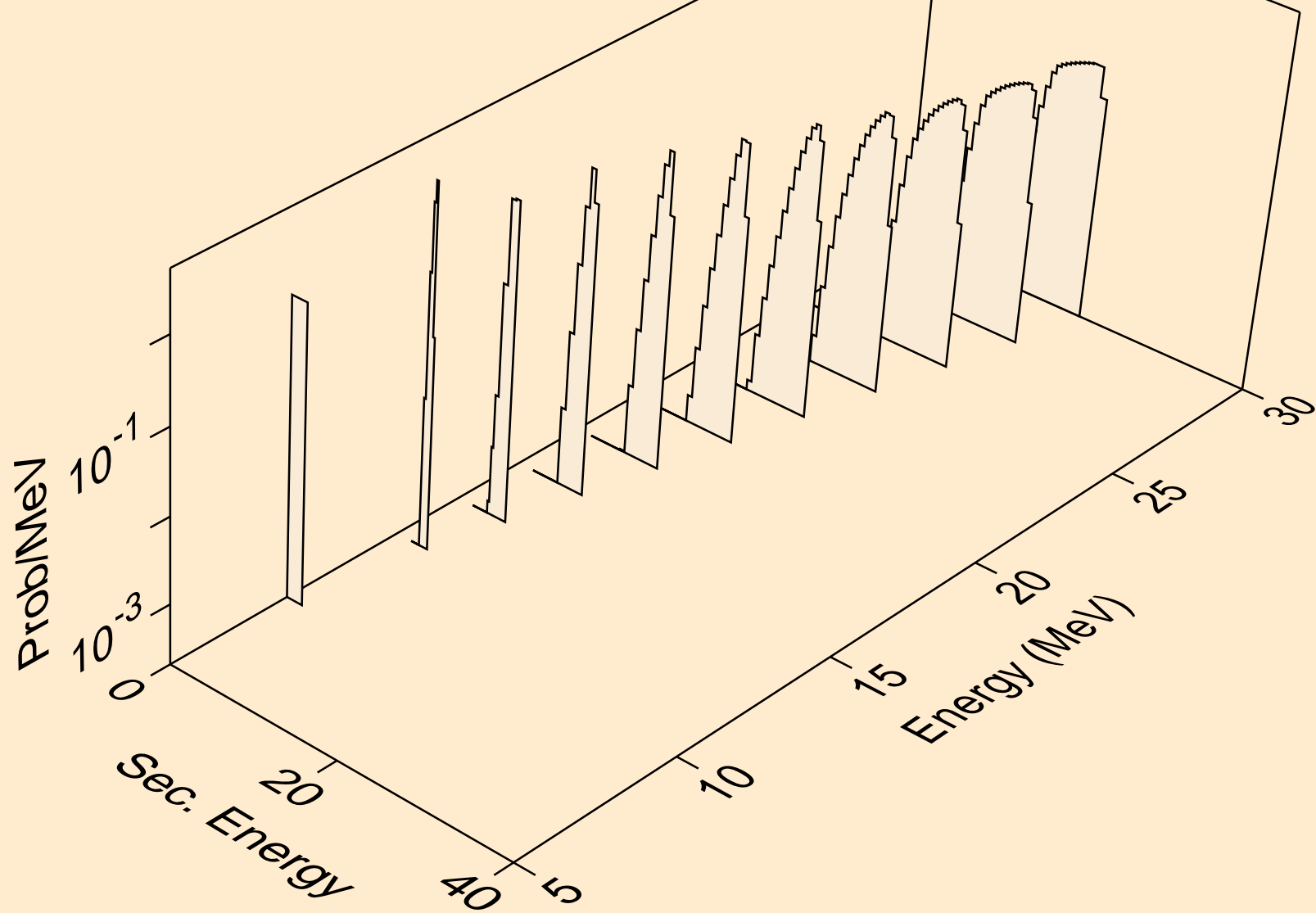
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deuterons from (n,x)



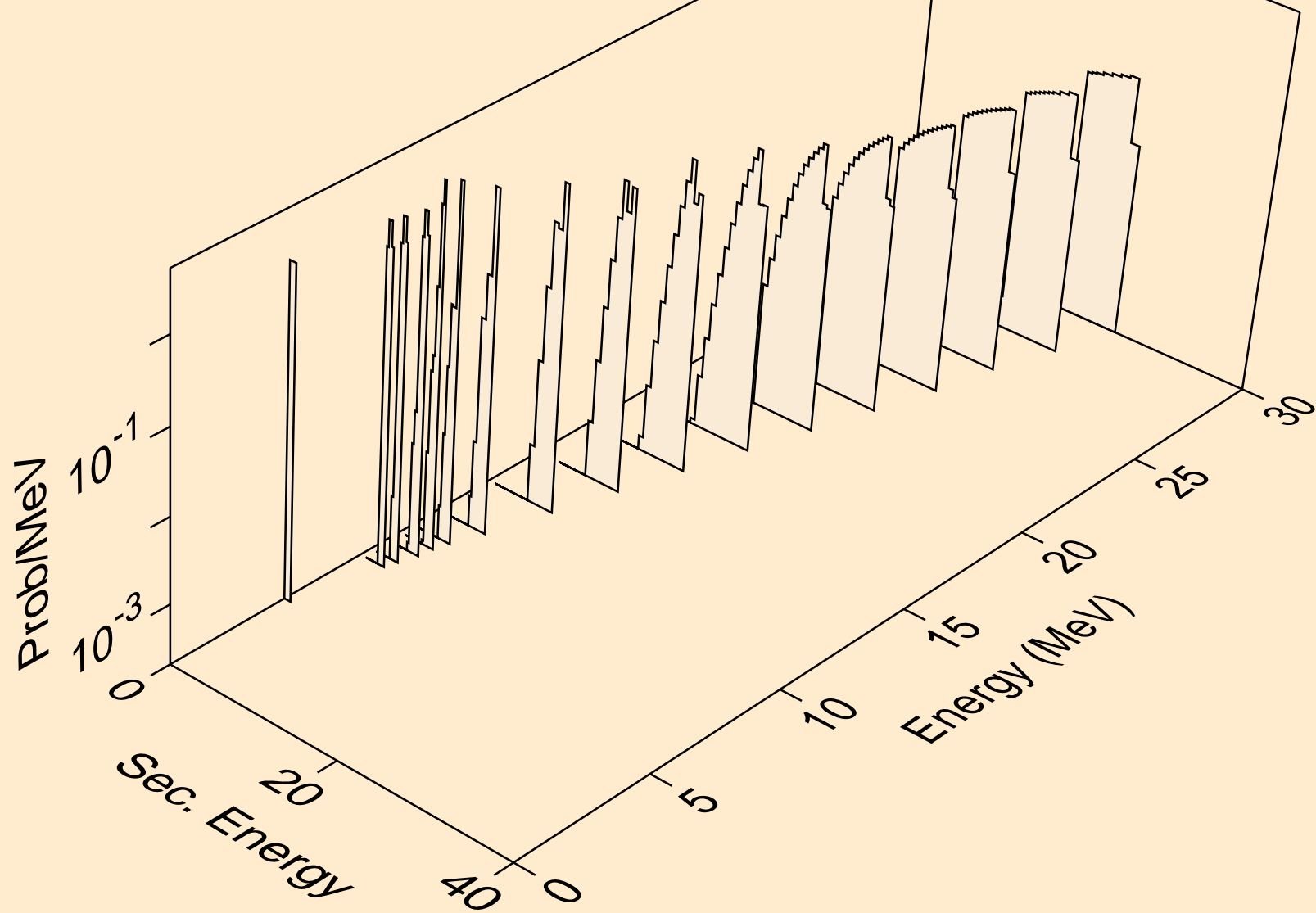
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deuterons from (n,2nd)



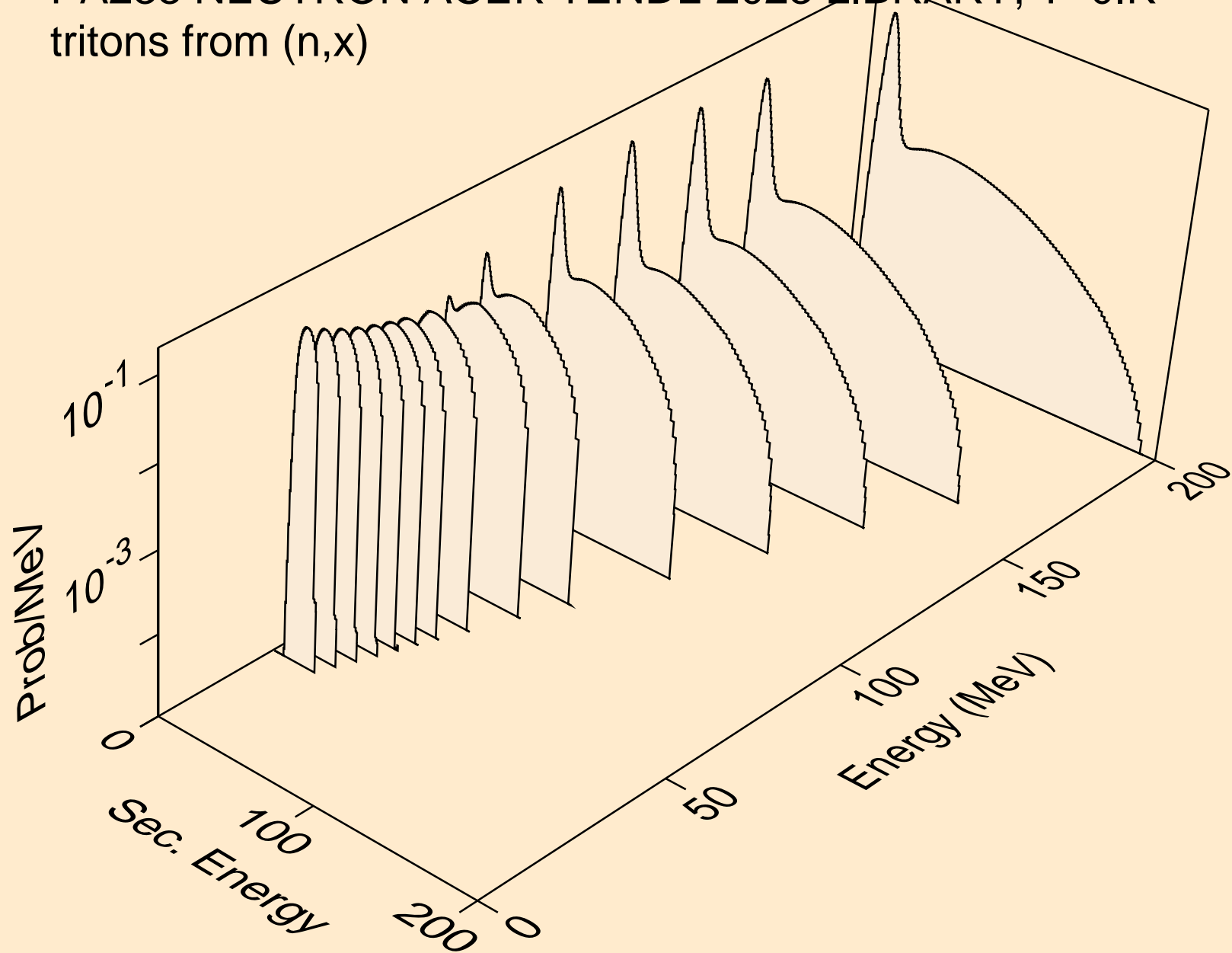
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deuterons from (n,n*)d



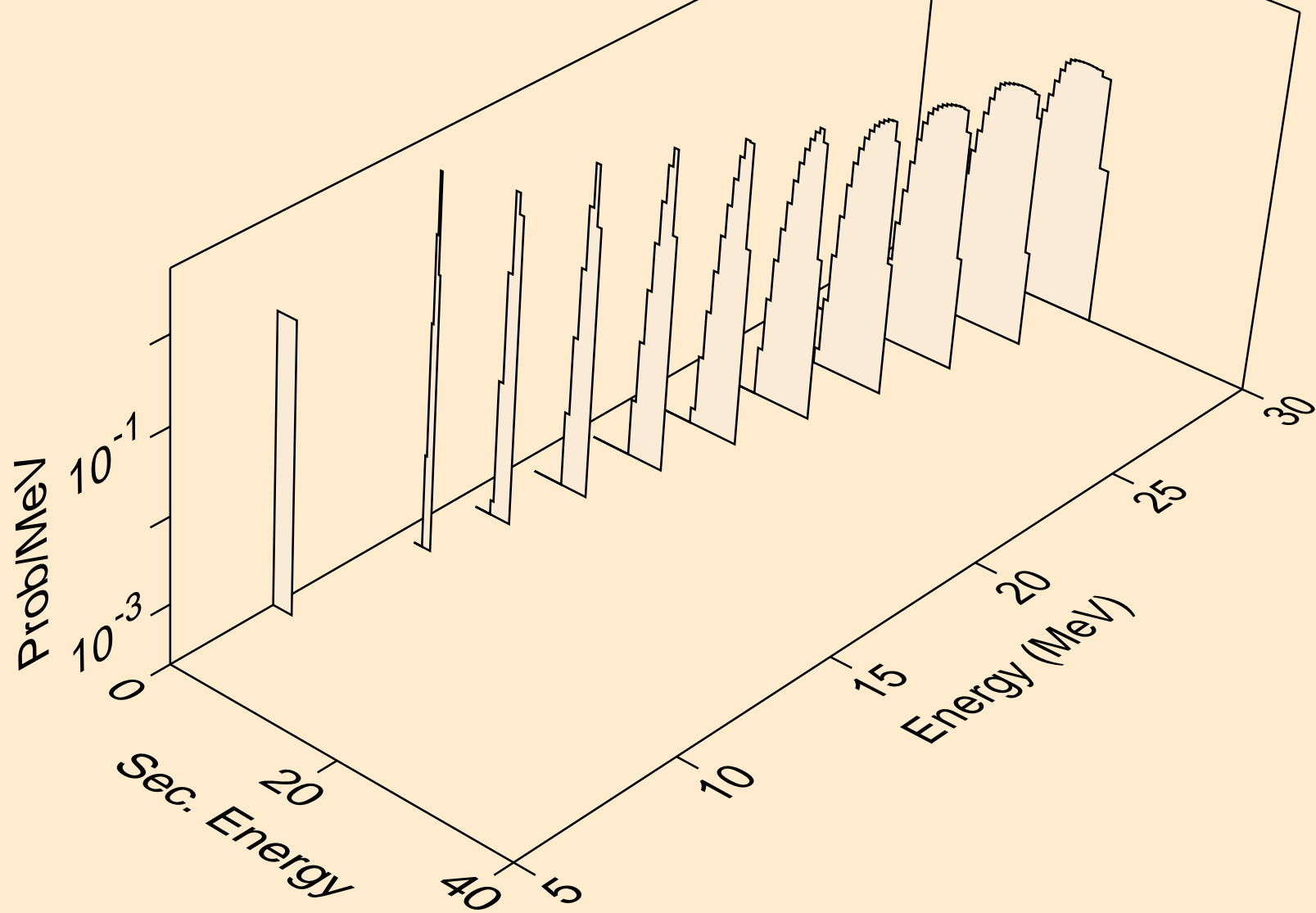
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deuterons from (n,d)



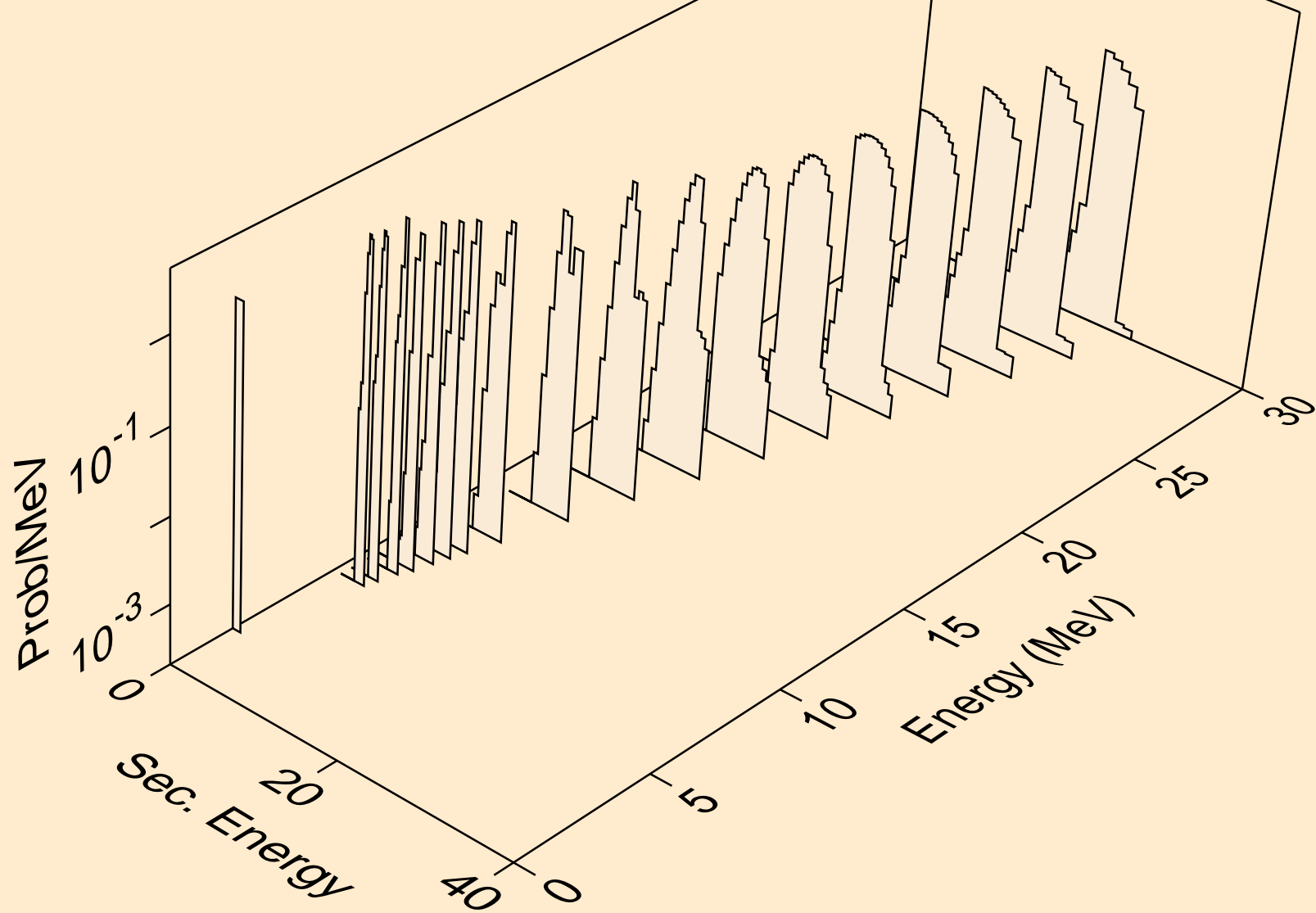
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tritons from (n,x)



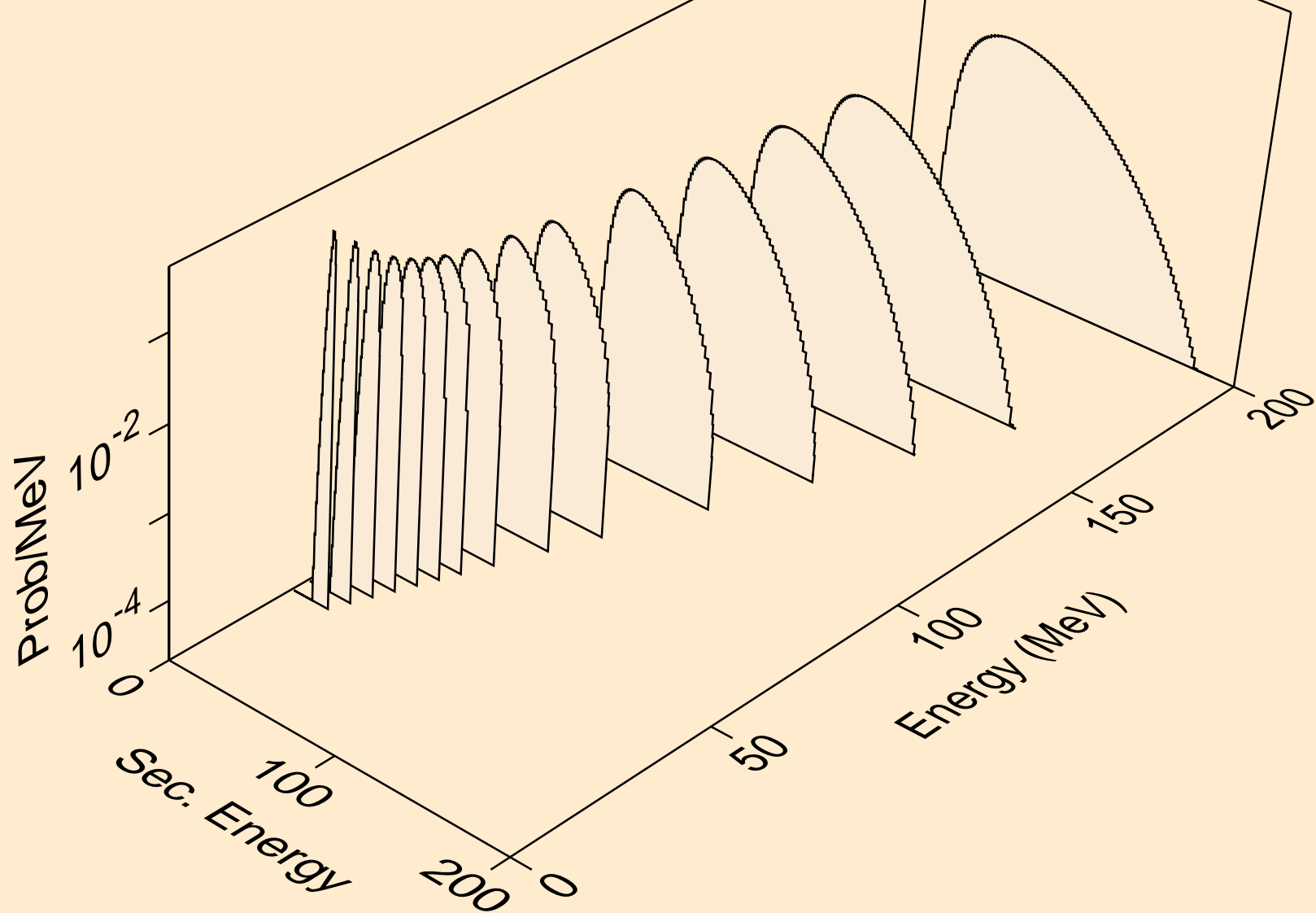
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tritons from (n,n*)t



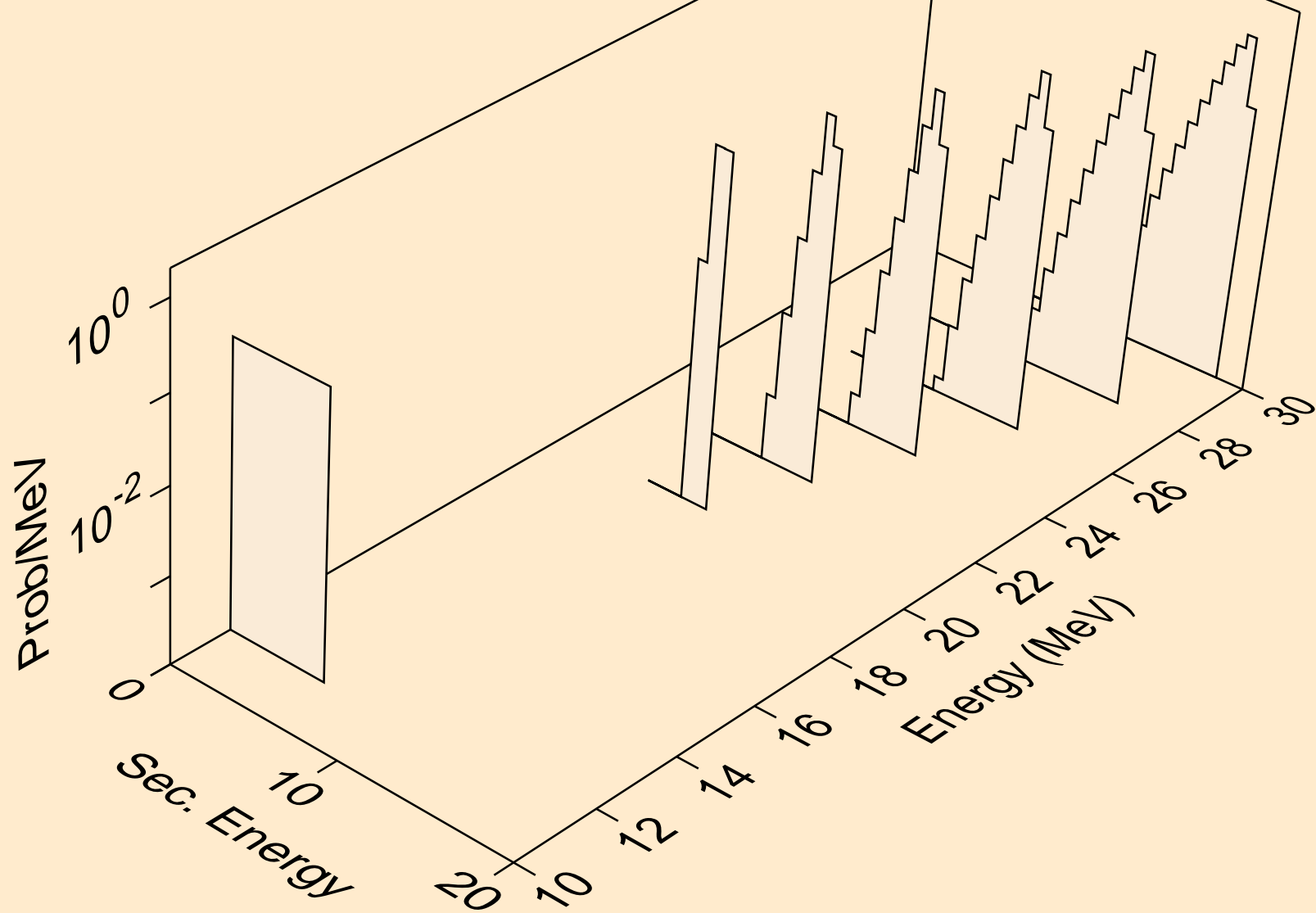
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tritons from (n,t)



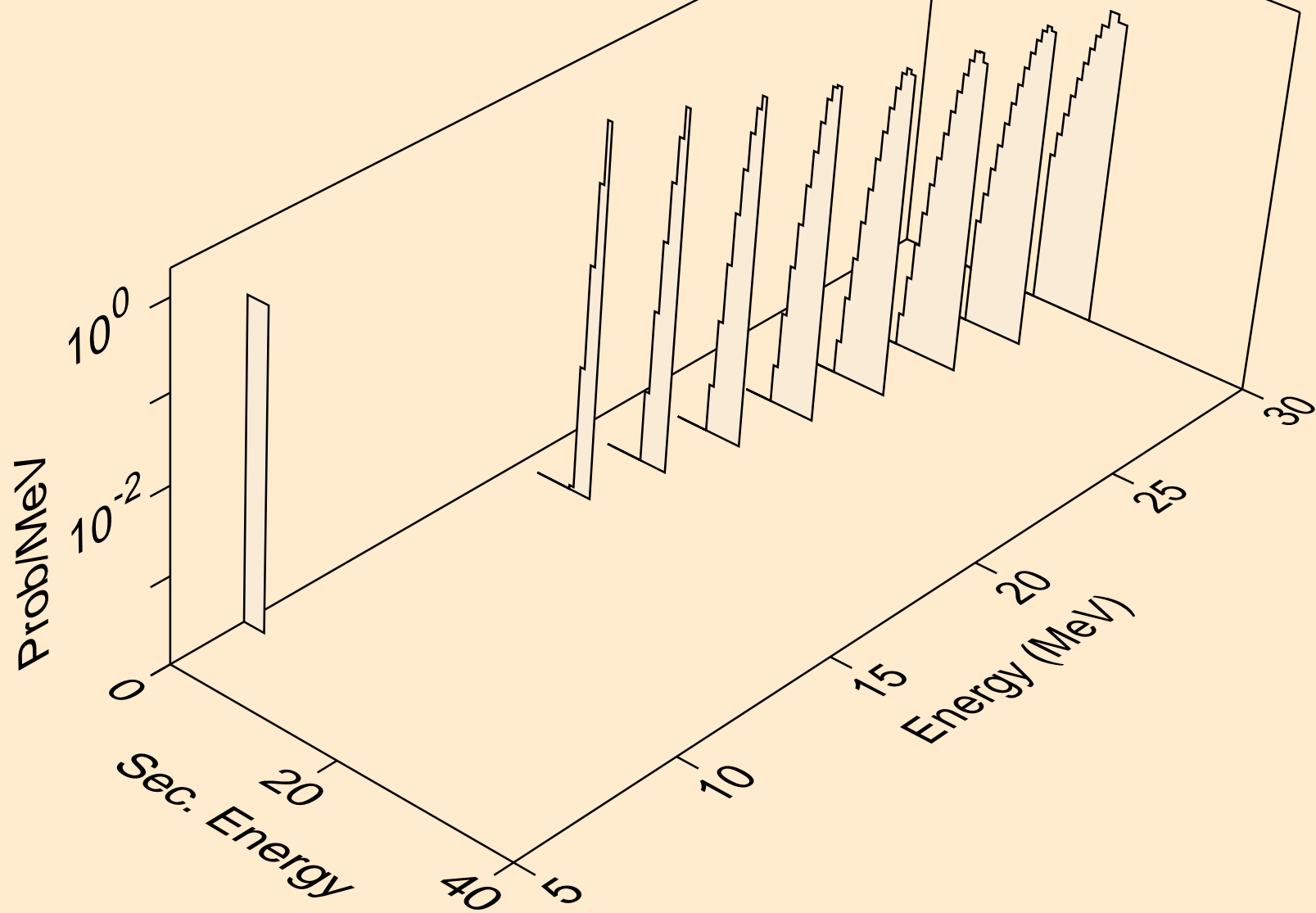
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he3s from (n,x)



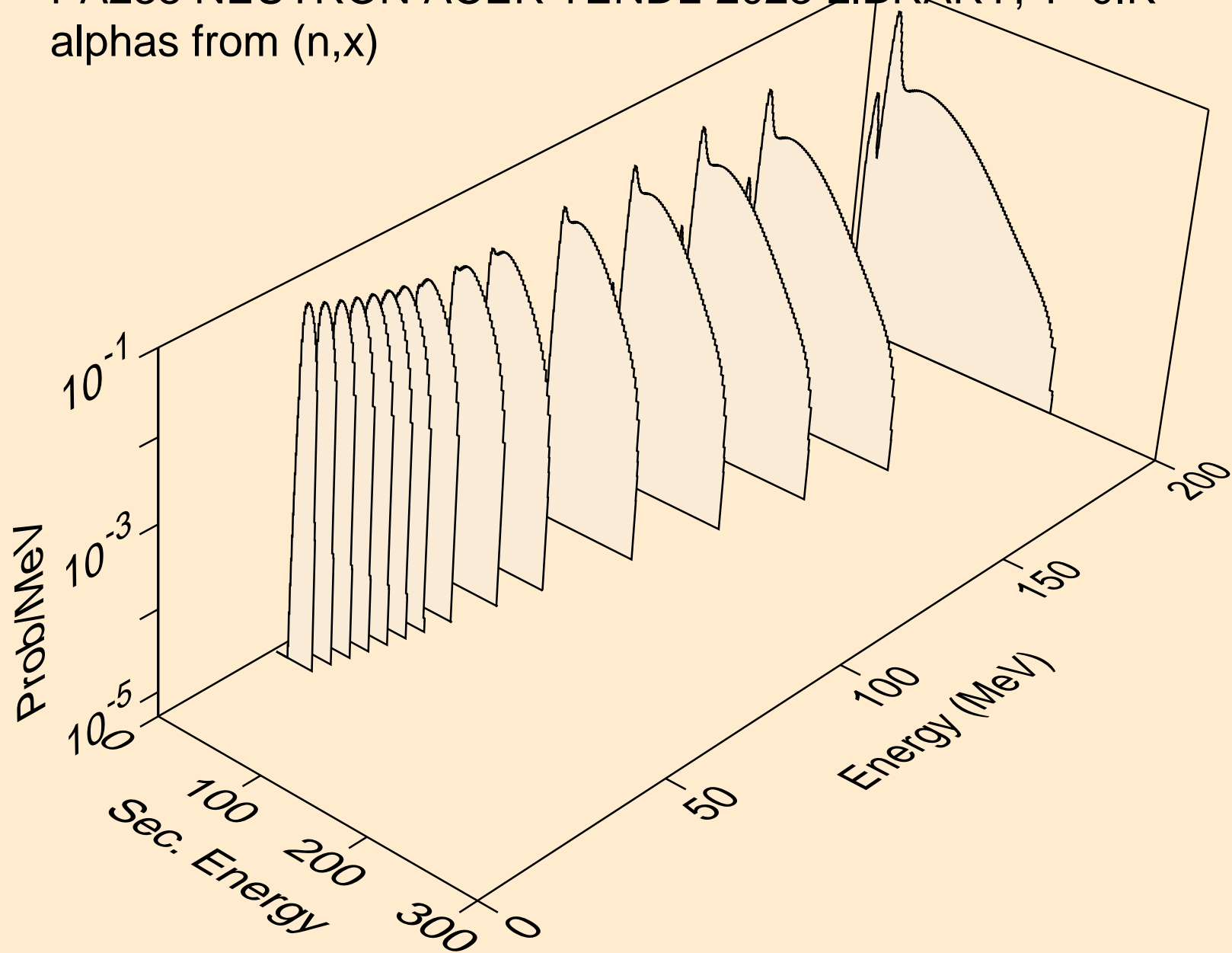
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he3s from (n,n*)he3



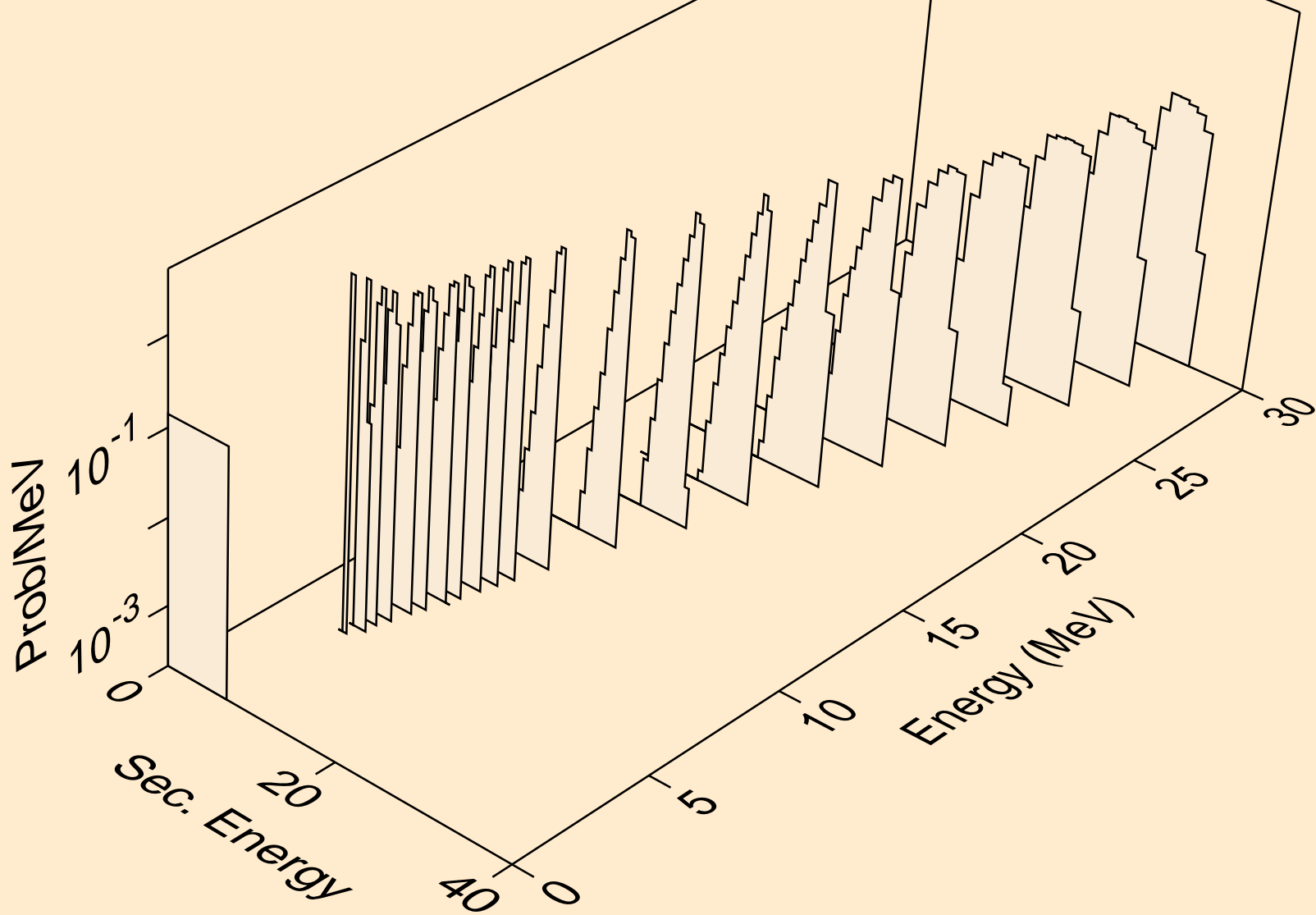
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he3s from (n,he3)



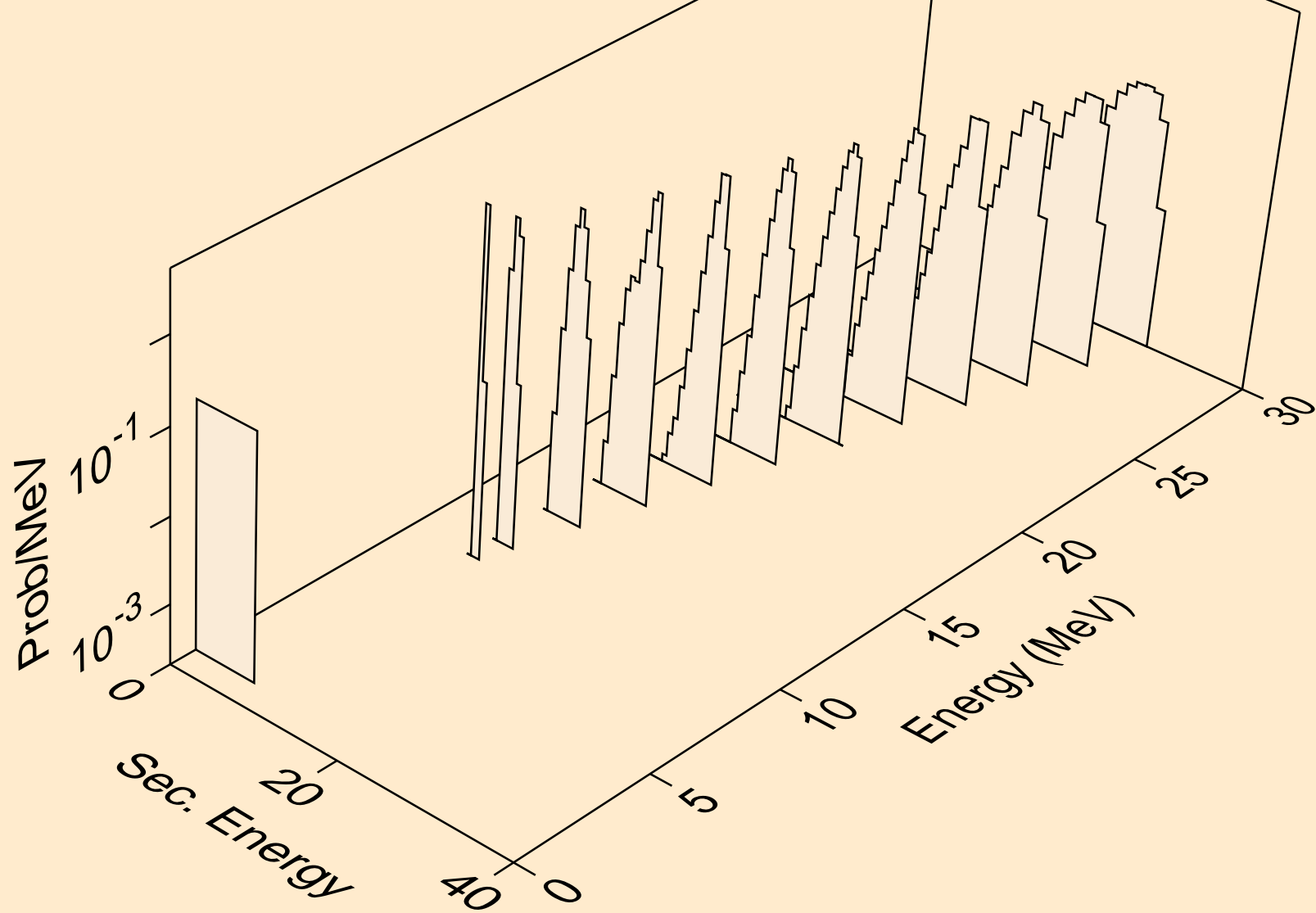
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



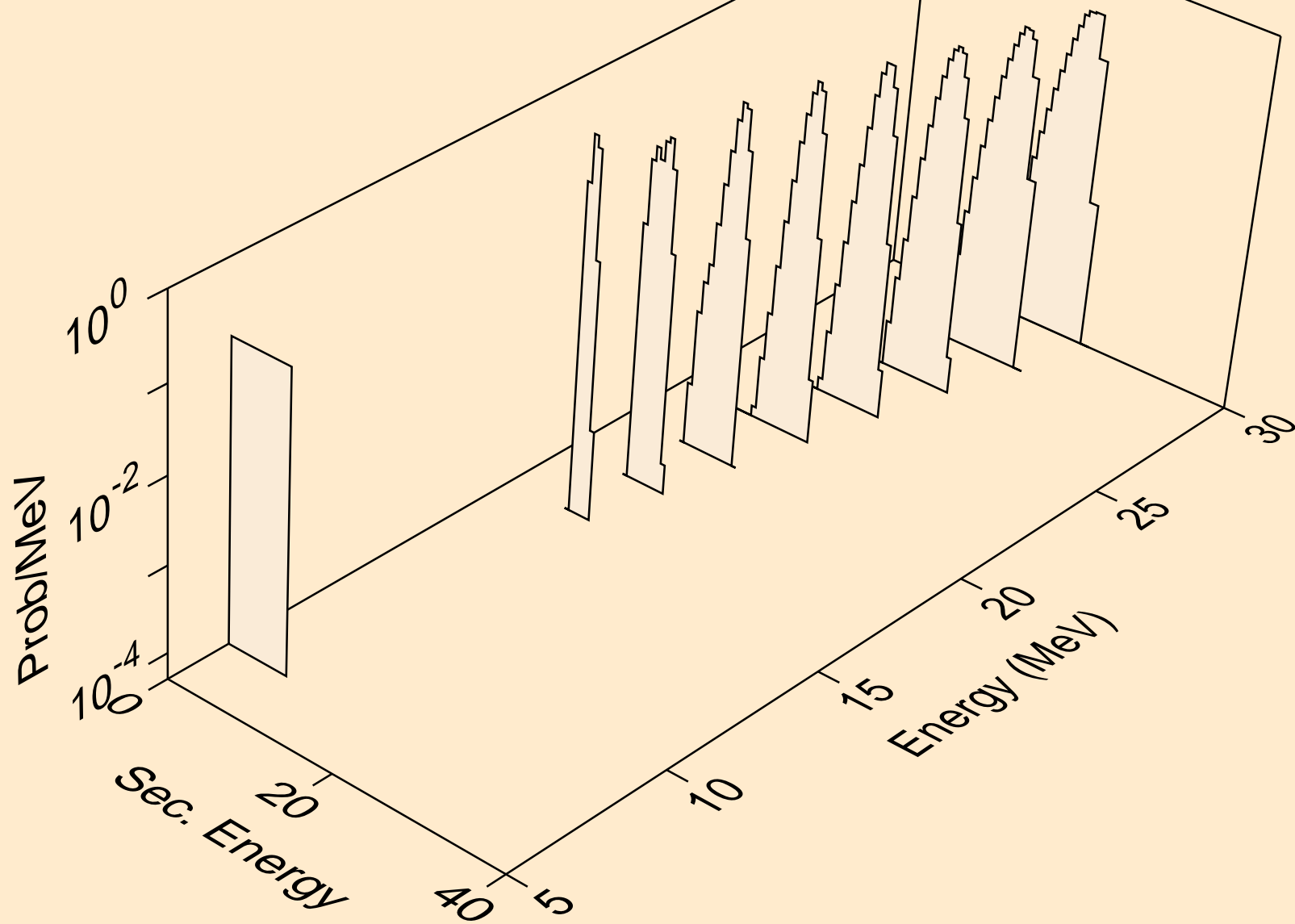
PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



PA238 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)

