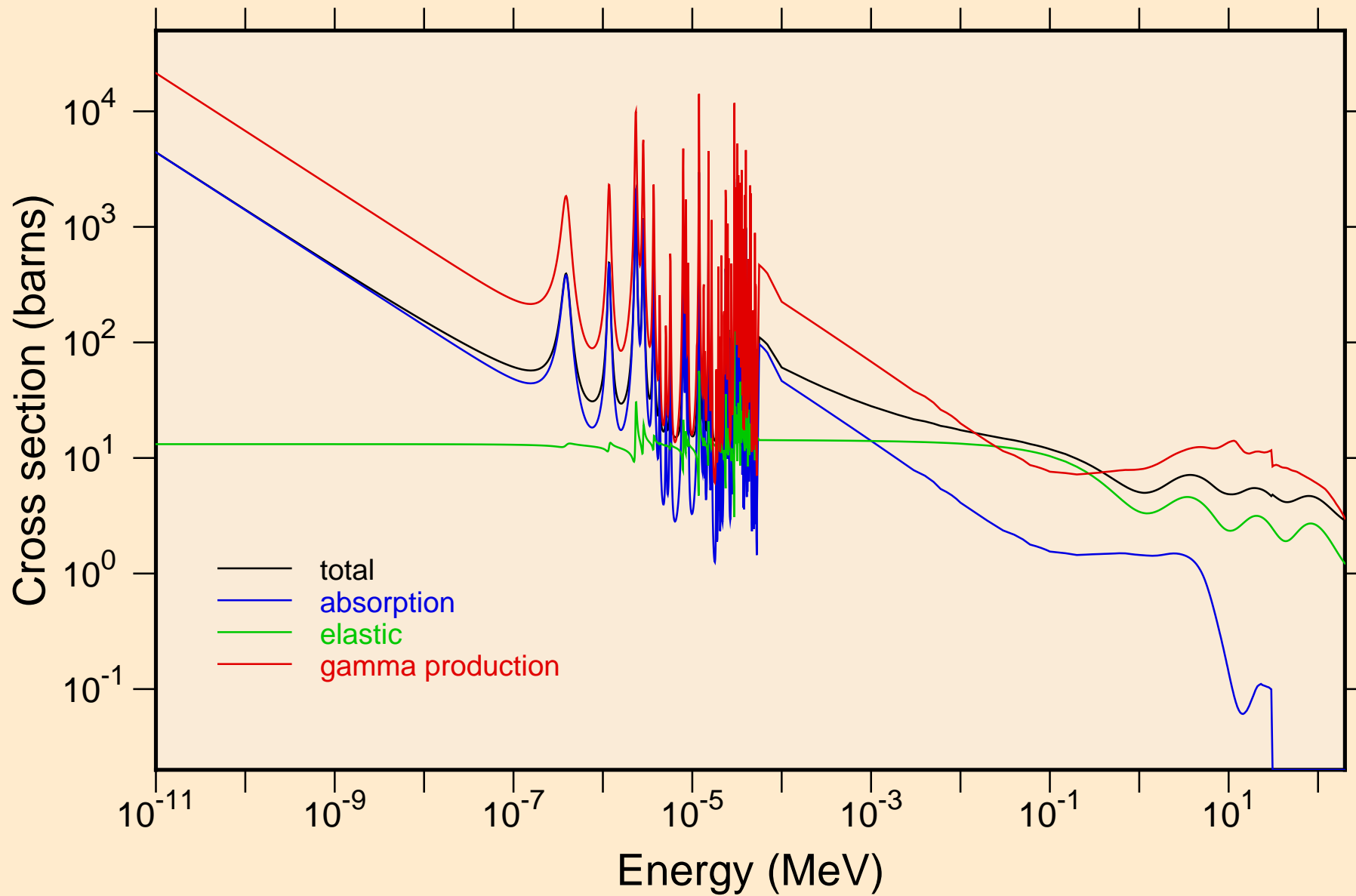
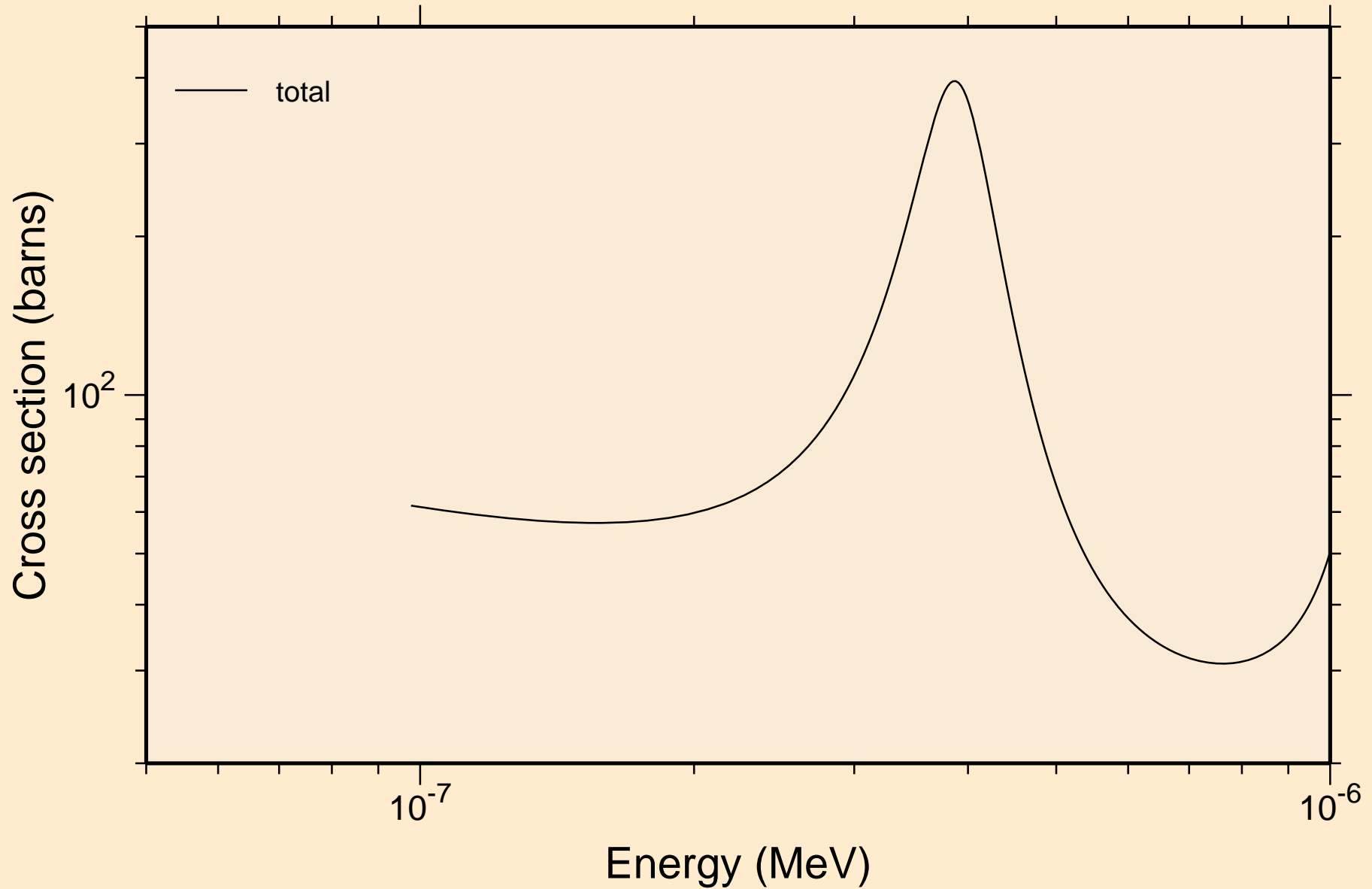


TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

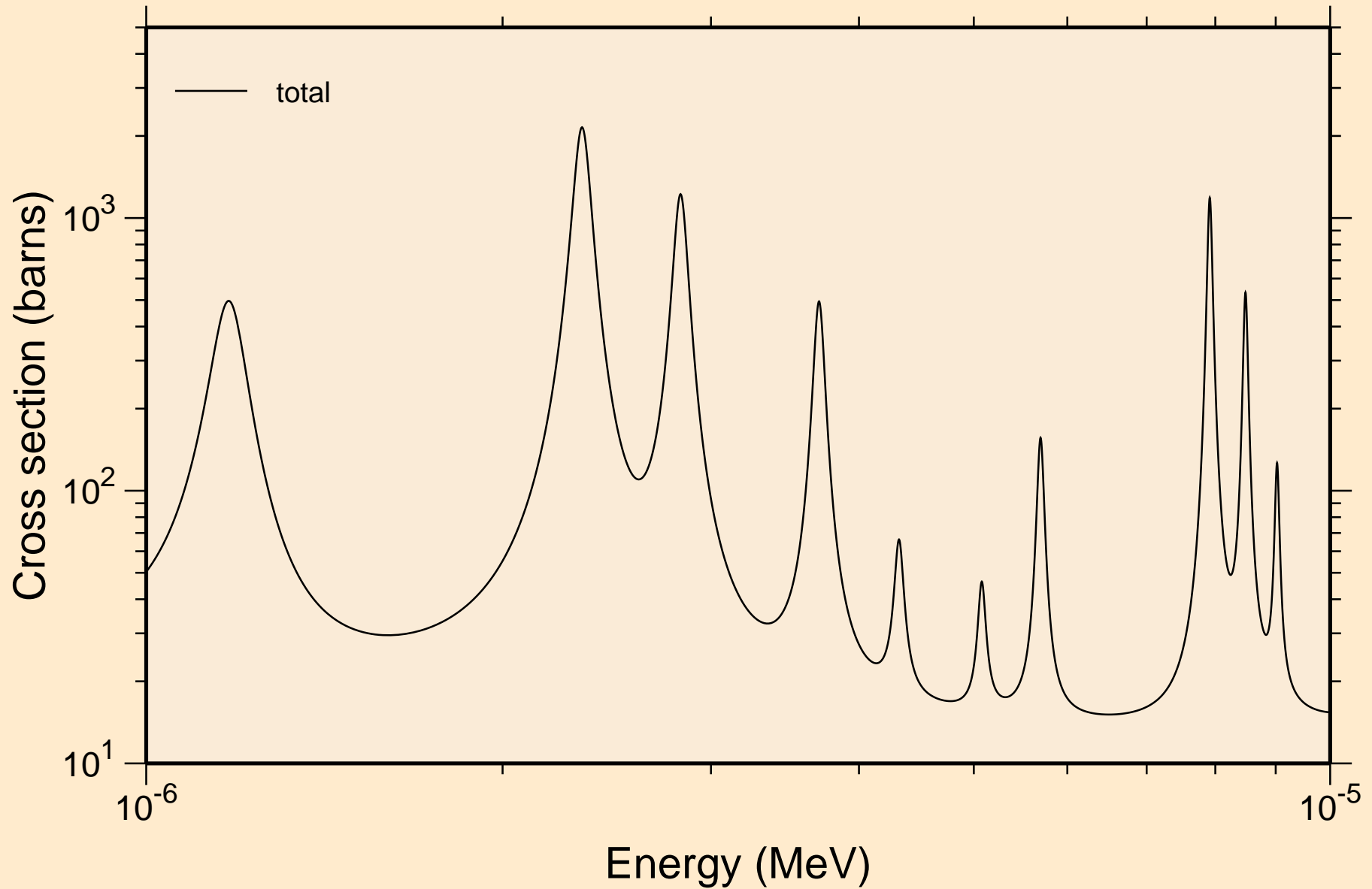
Principal cross sections



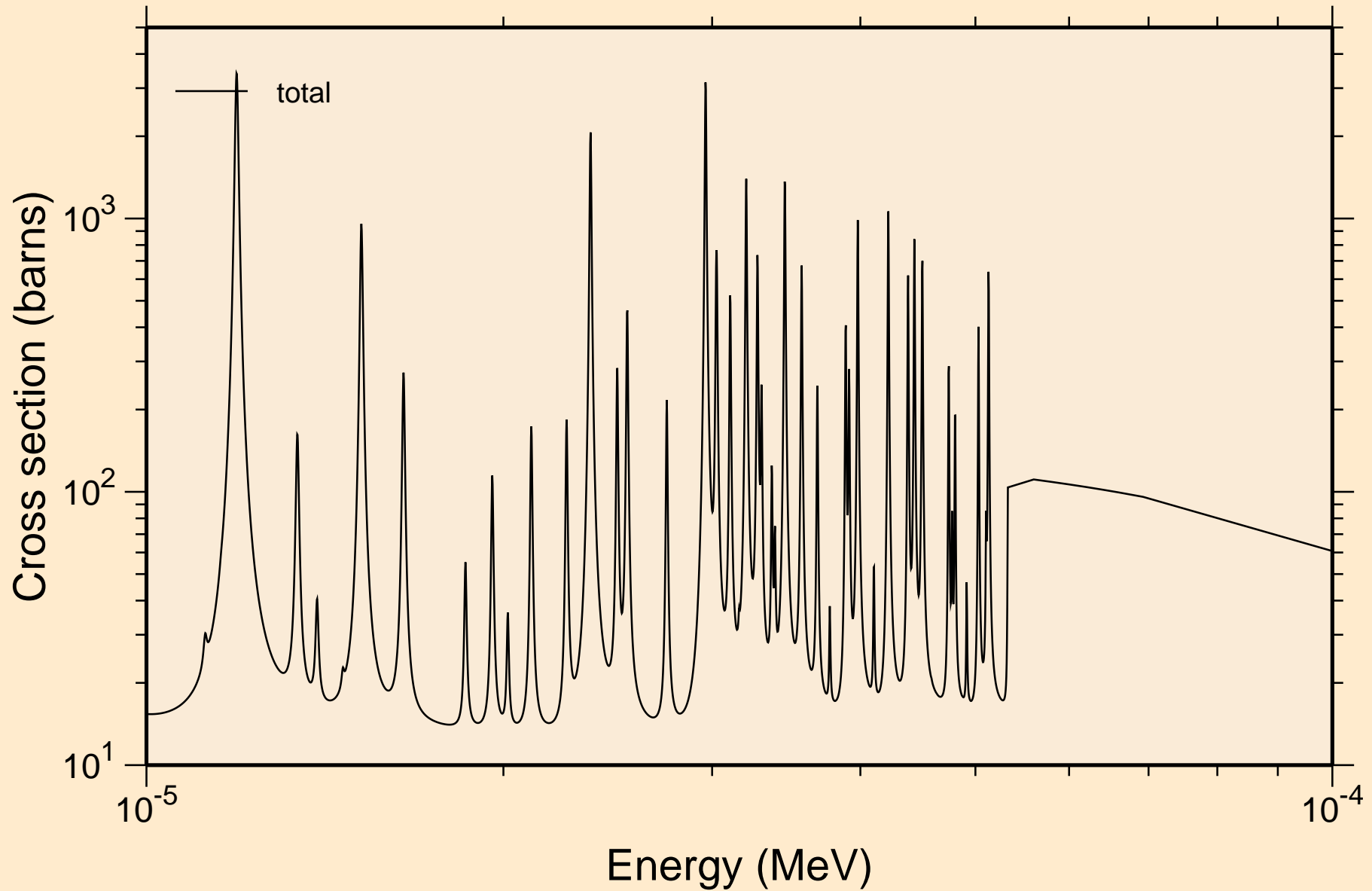
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



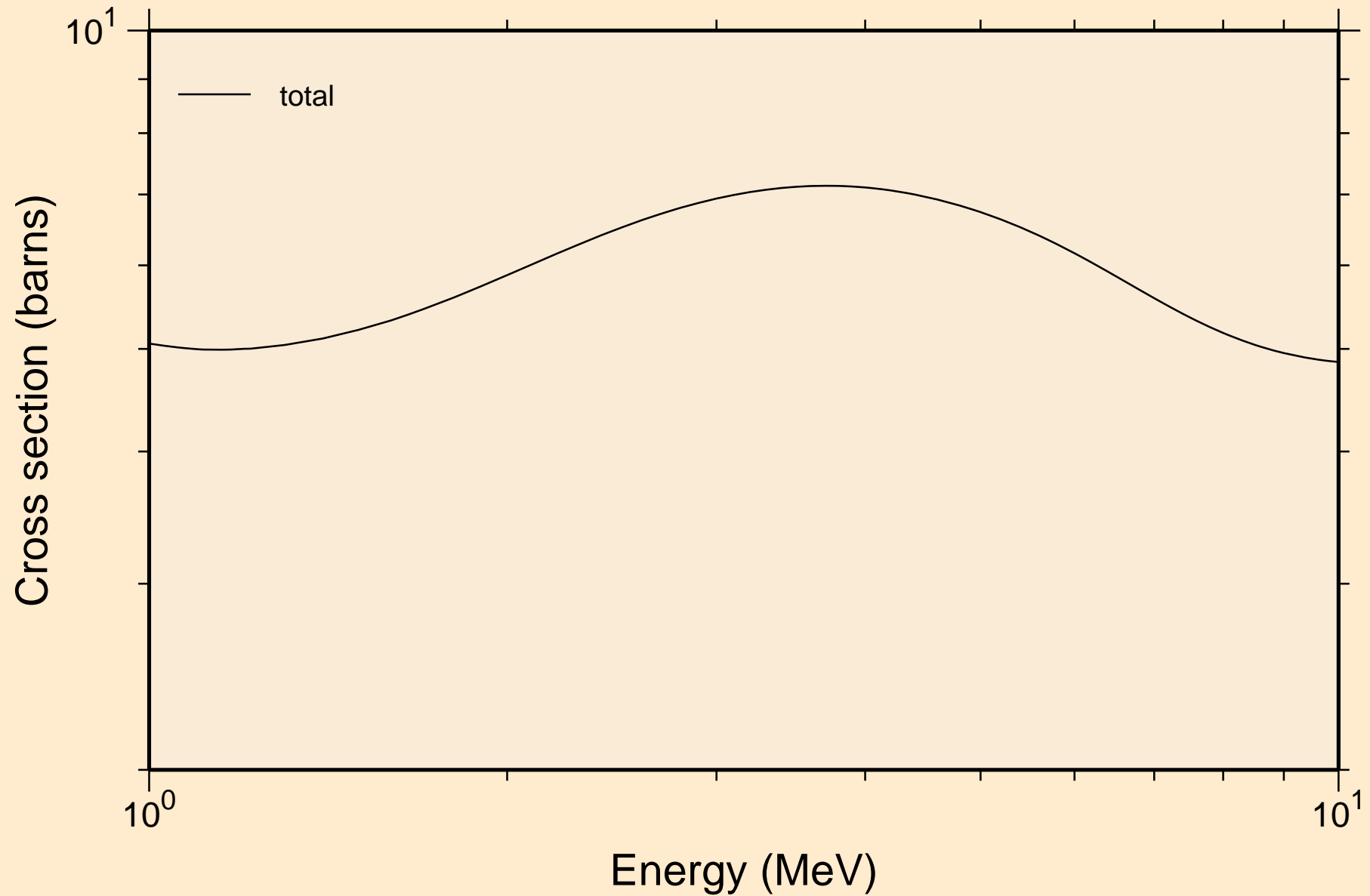
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



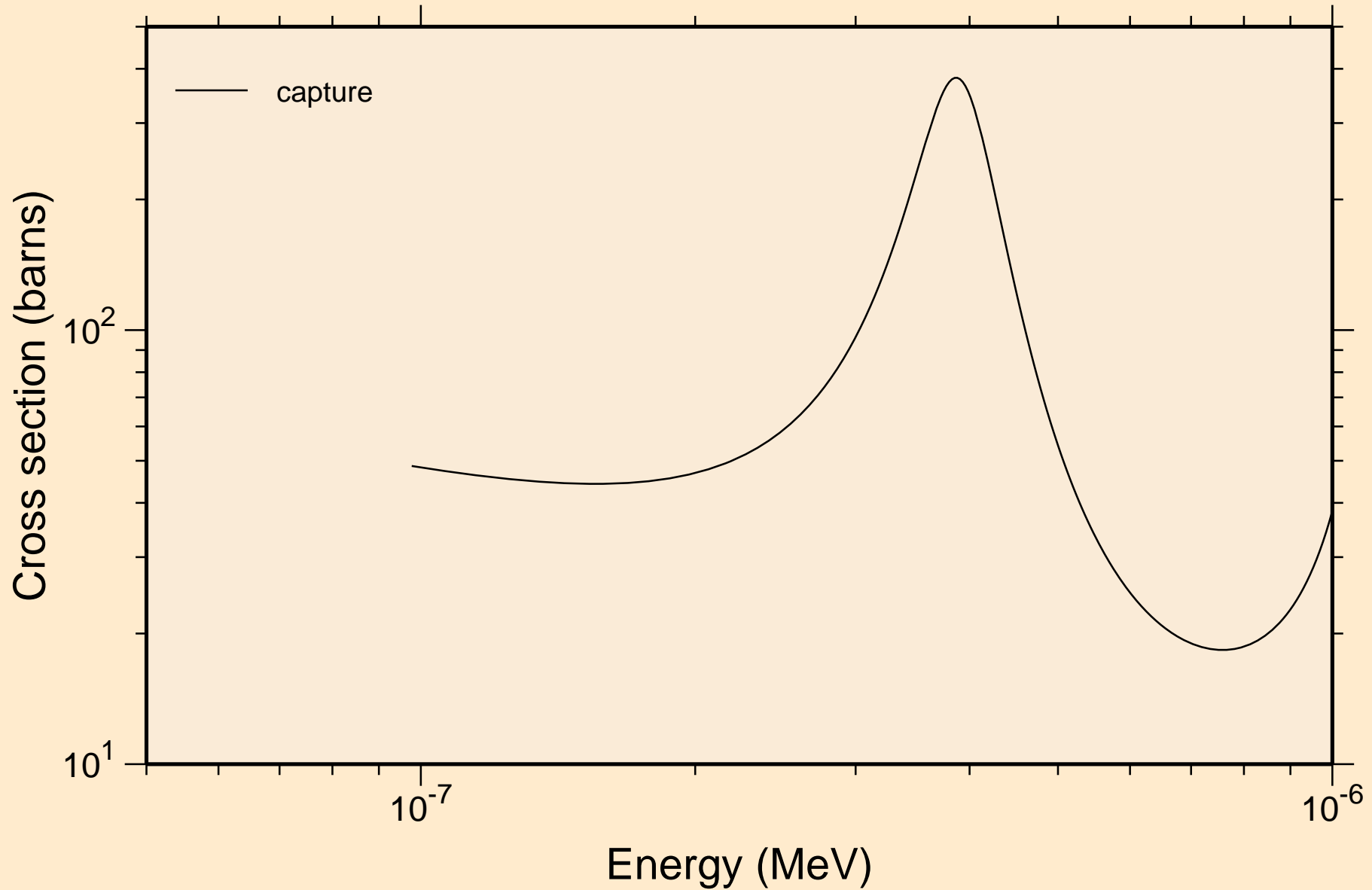
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resonance total cross section



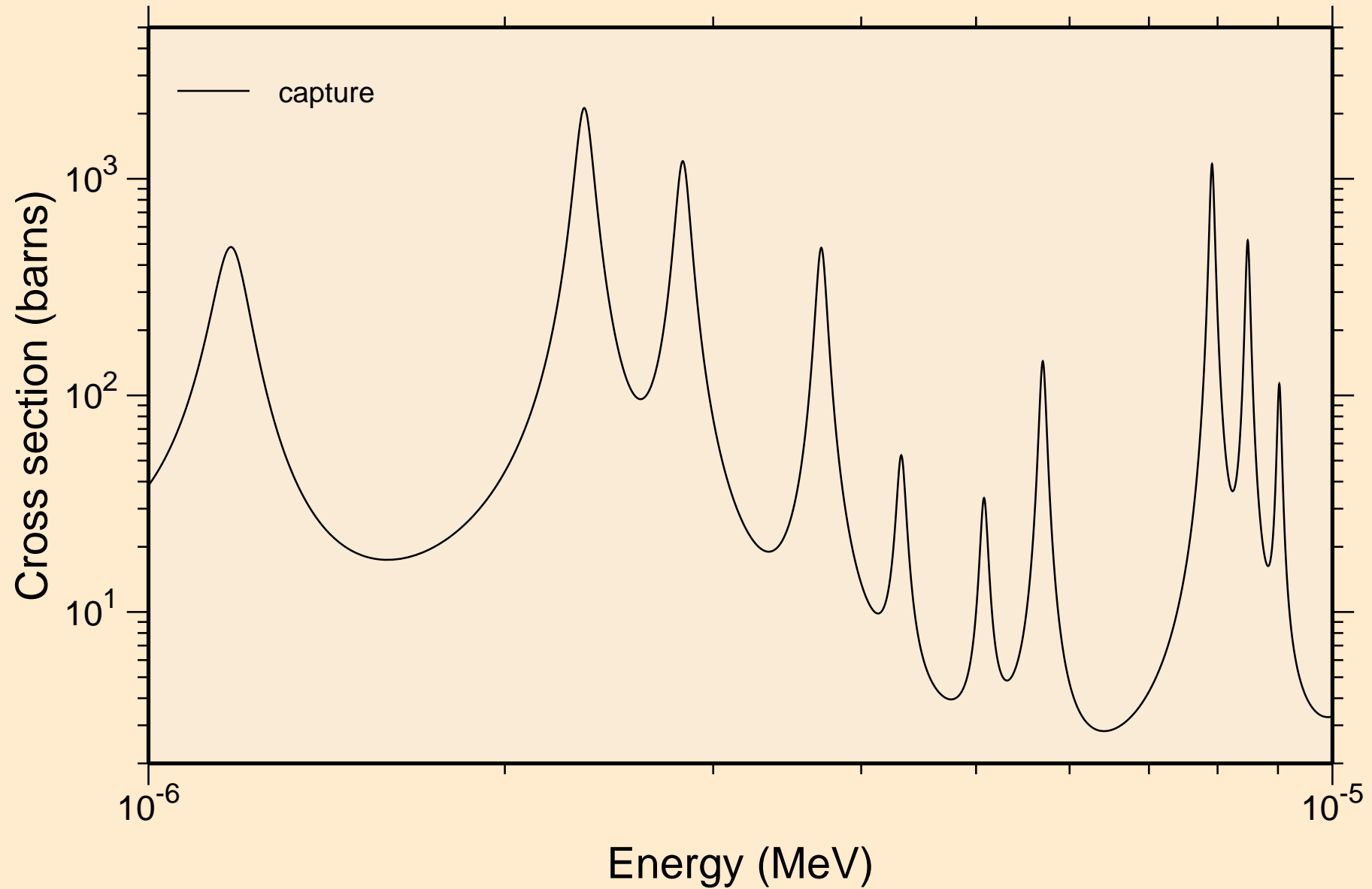
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



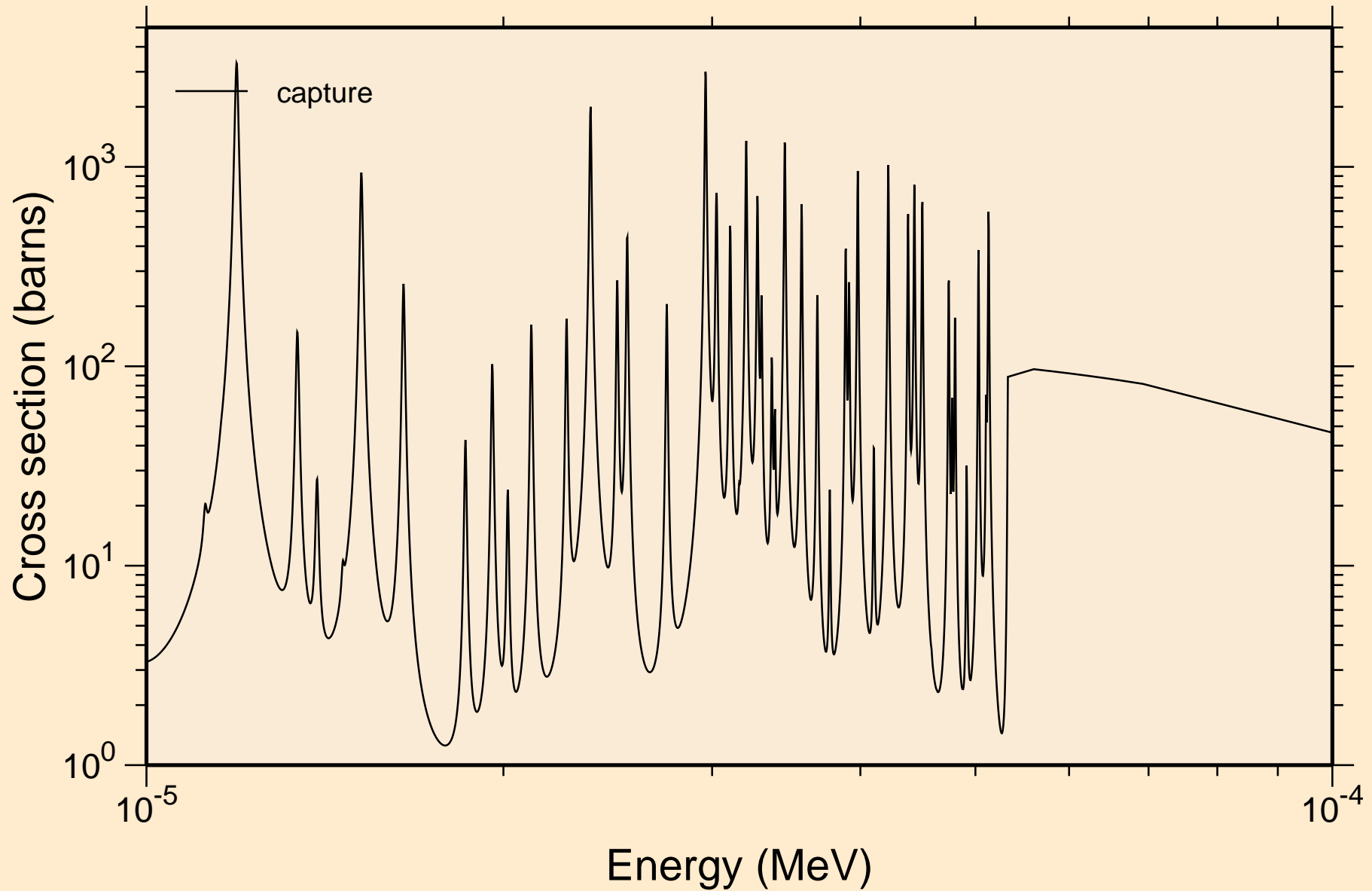
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



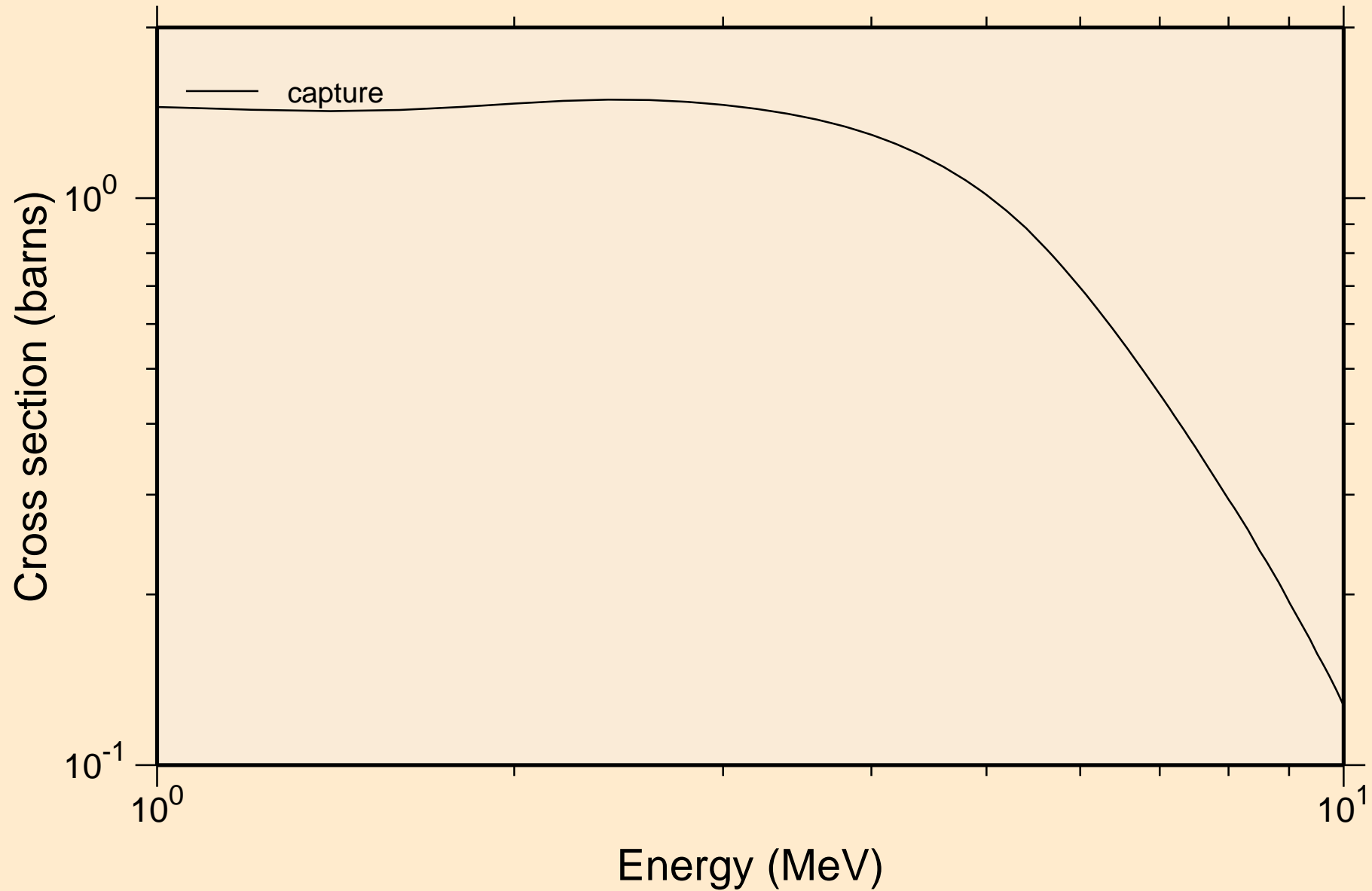
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



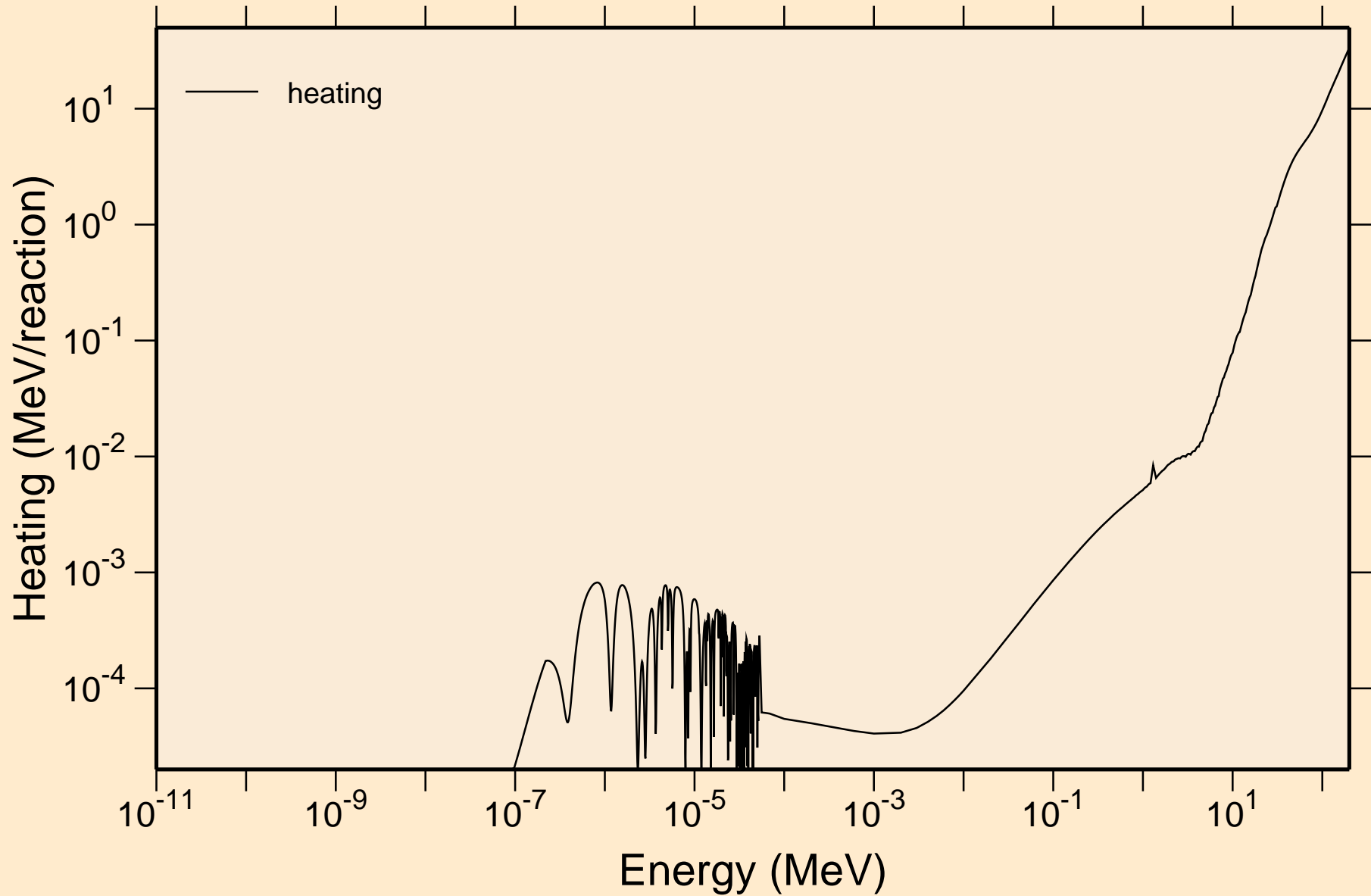
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



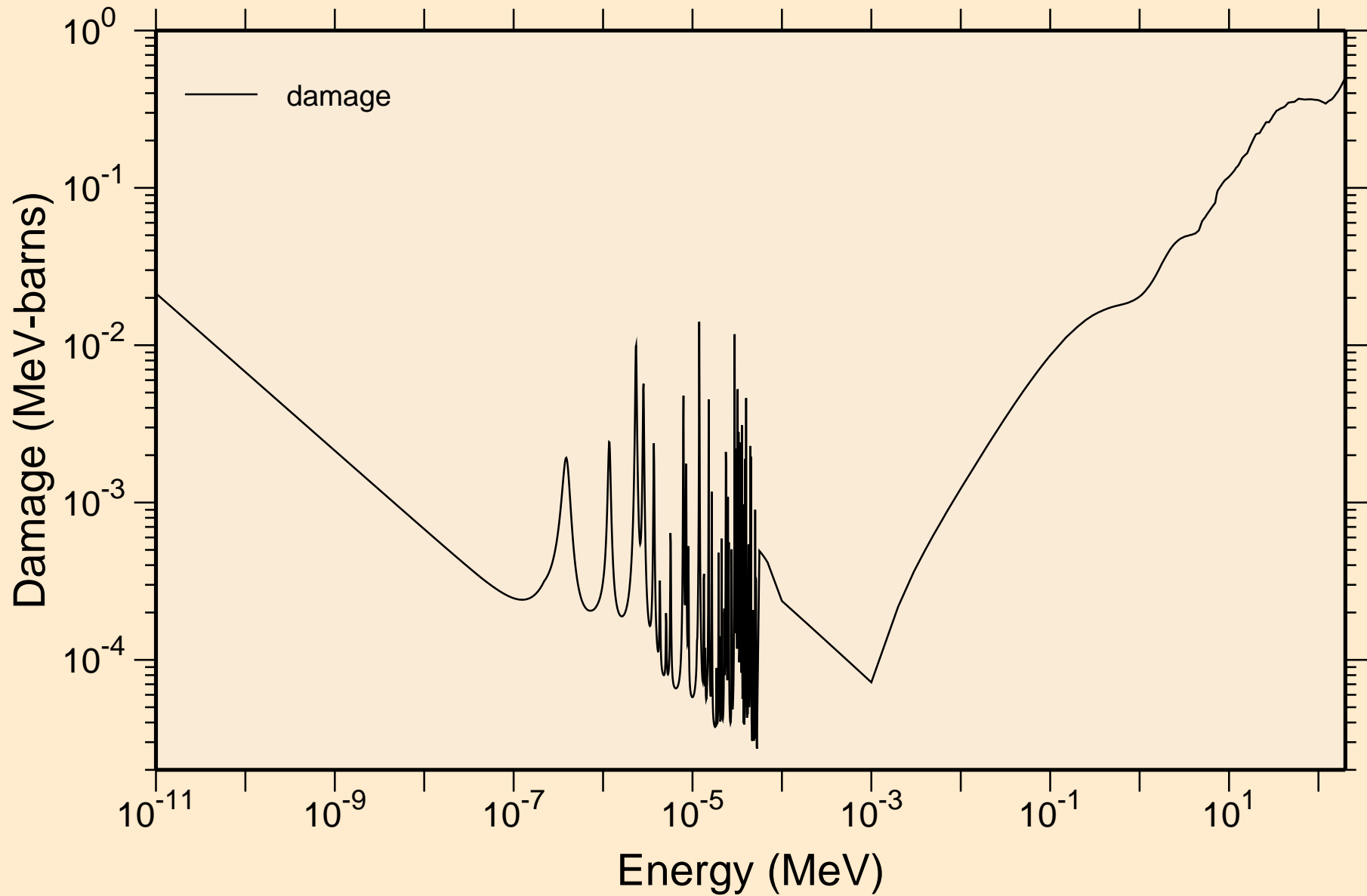
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resonance absorption cross sections



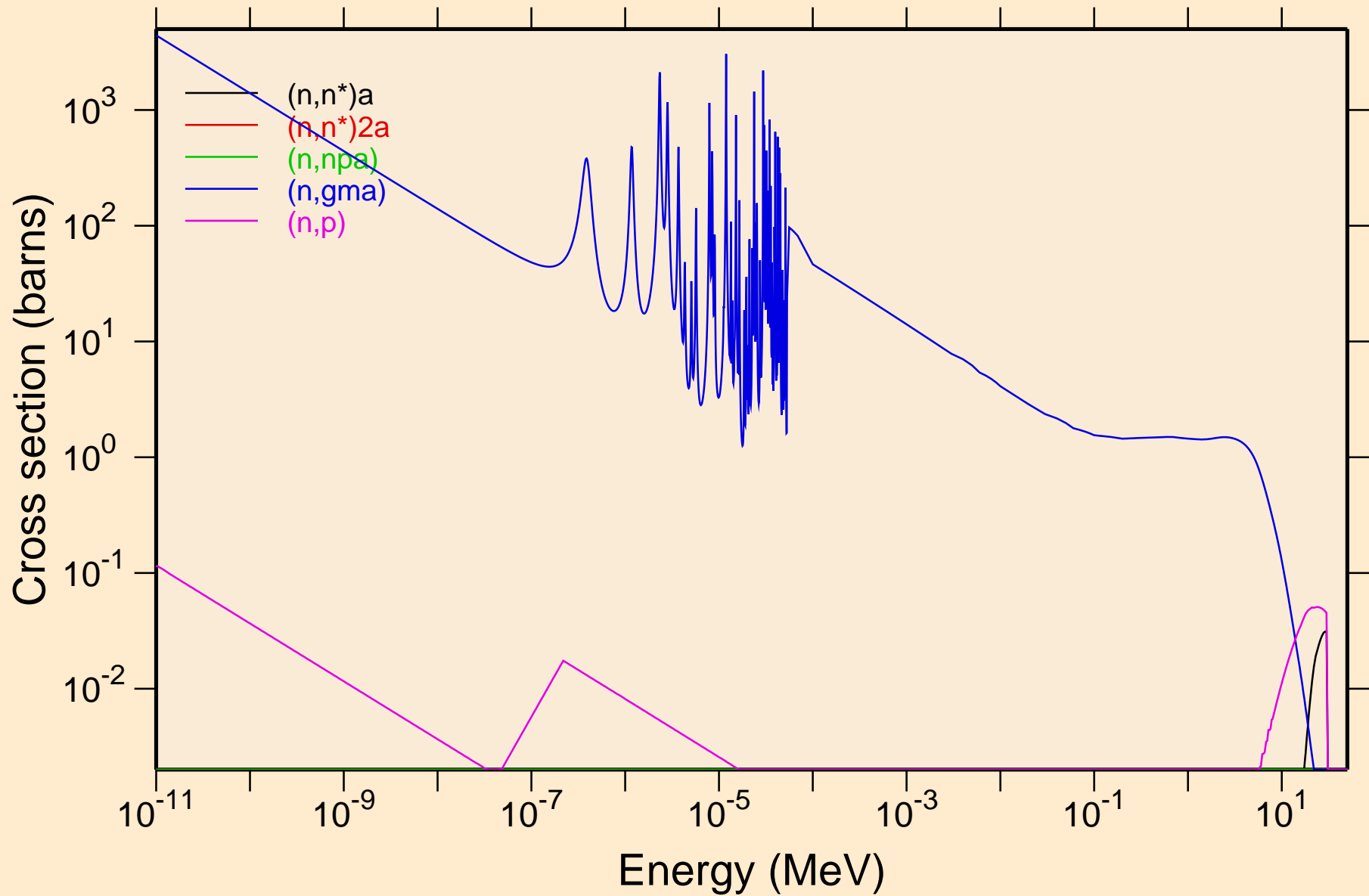
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Heating



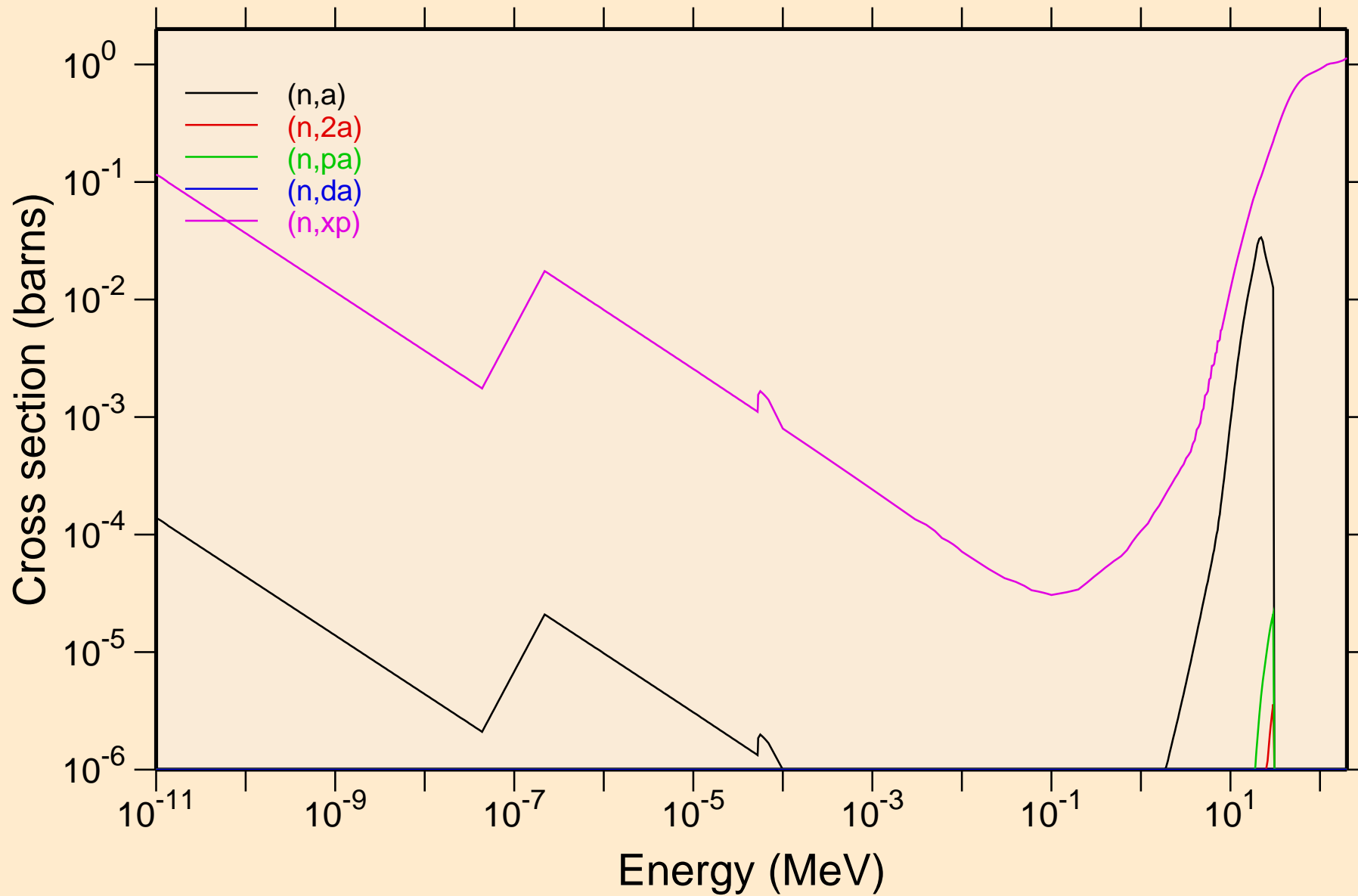
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Damage



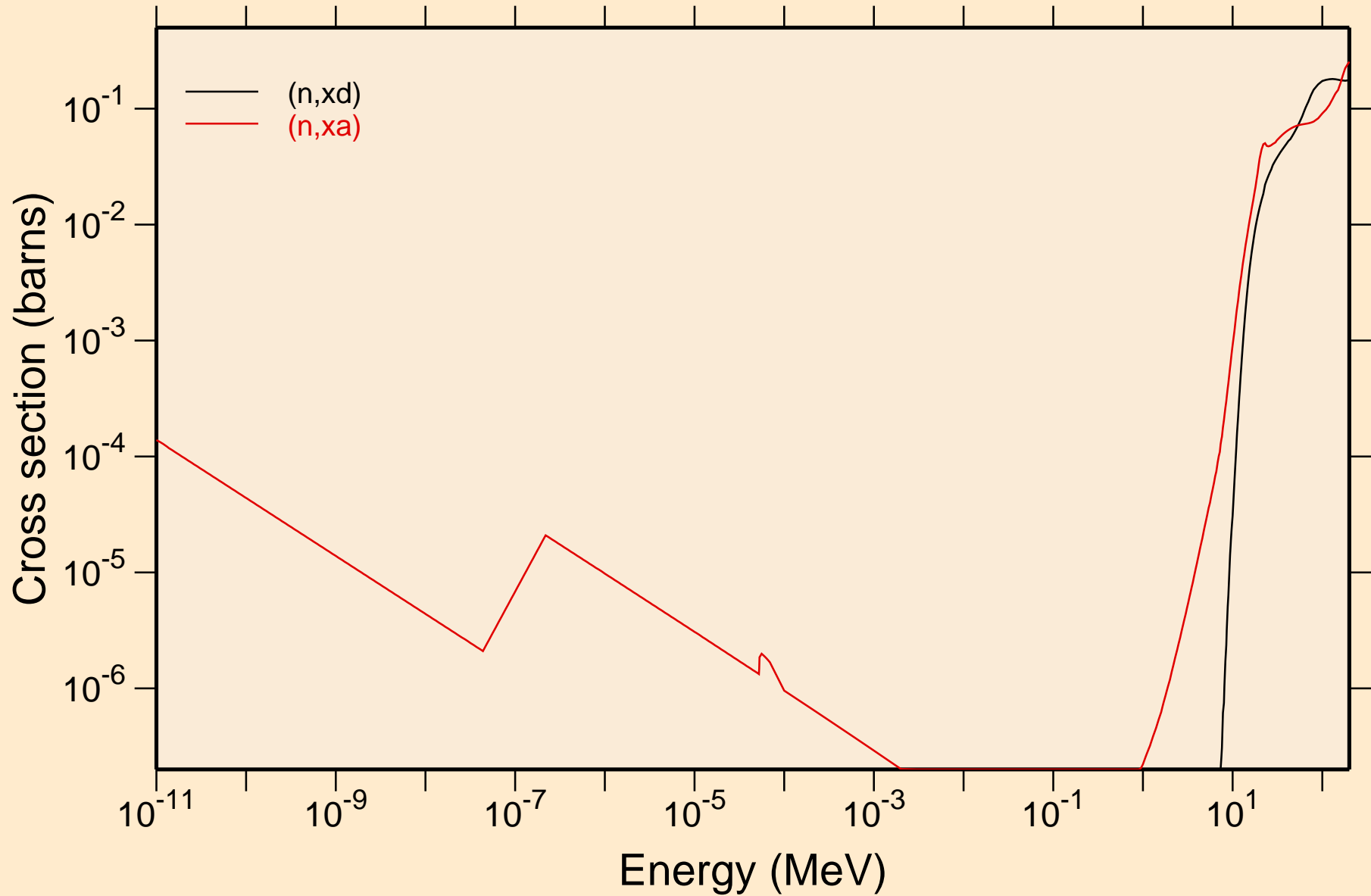
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

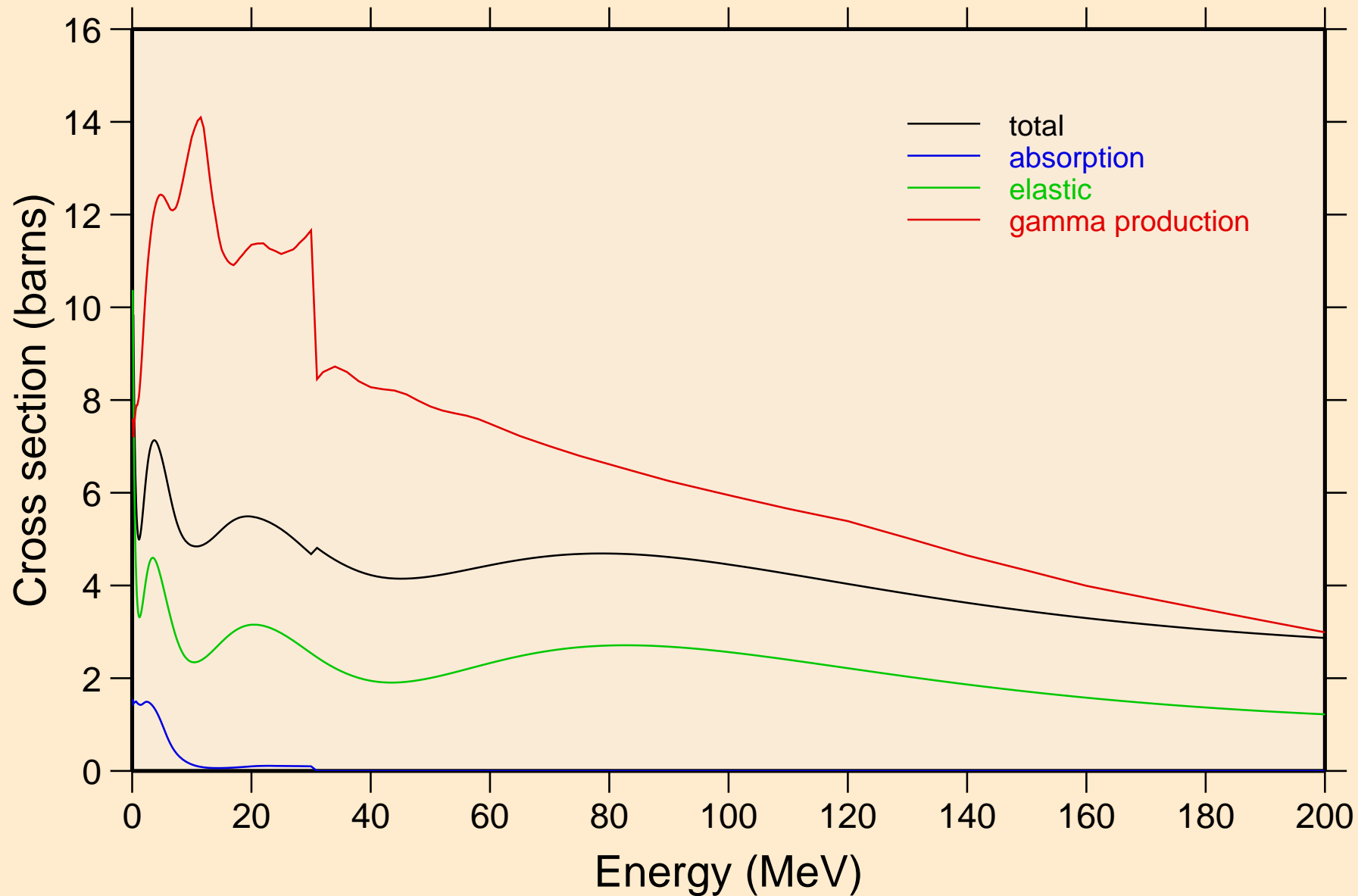


TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



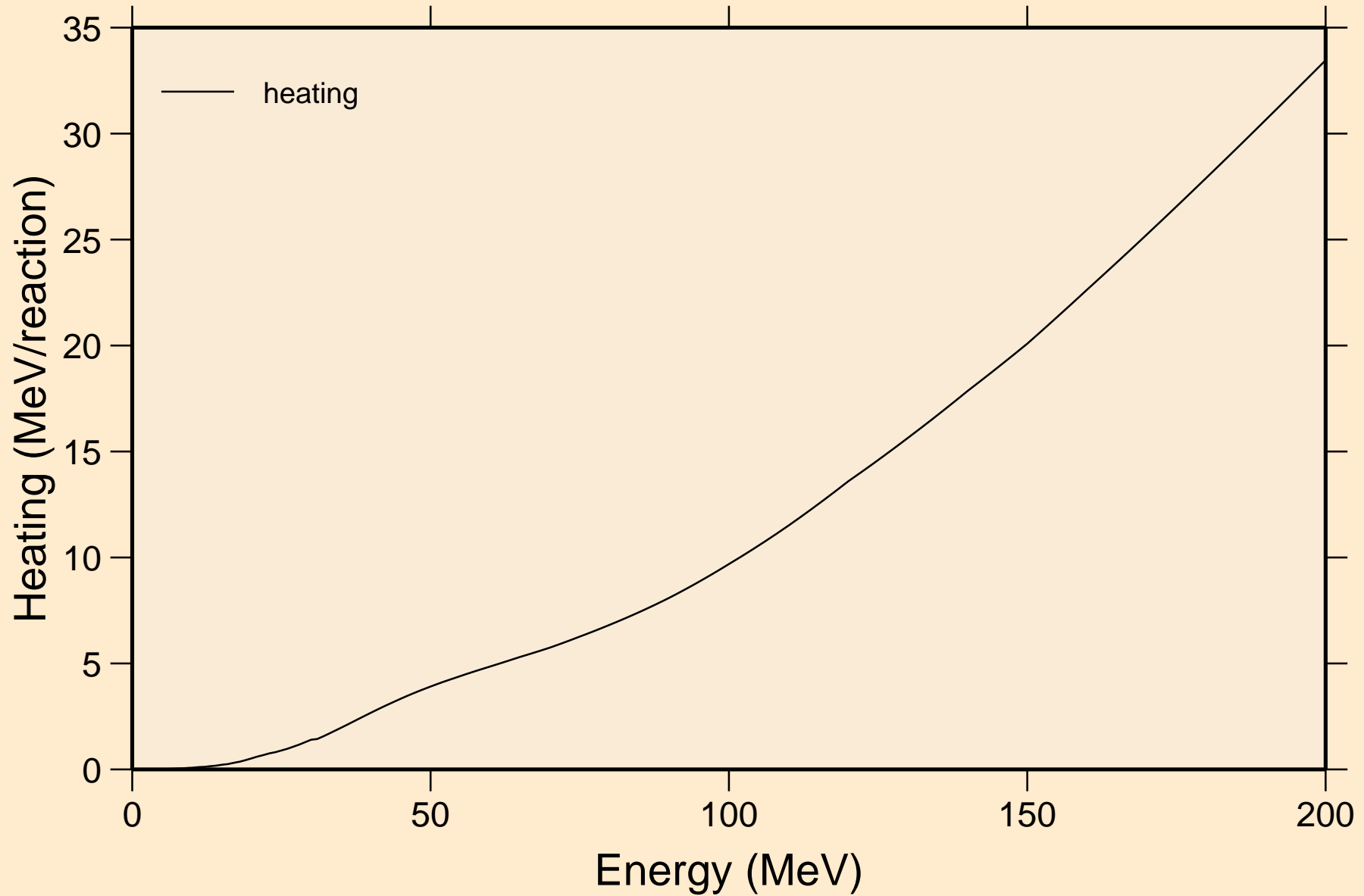
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections

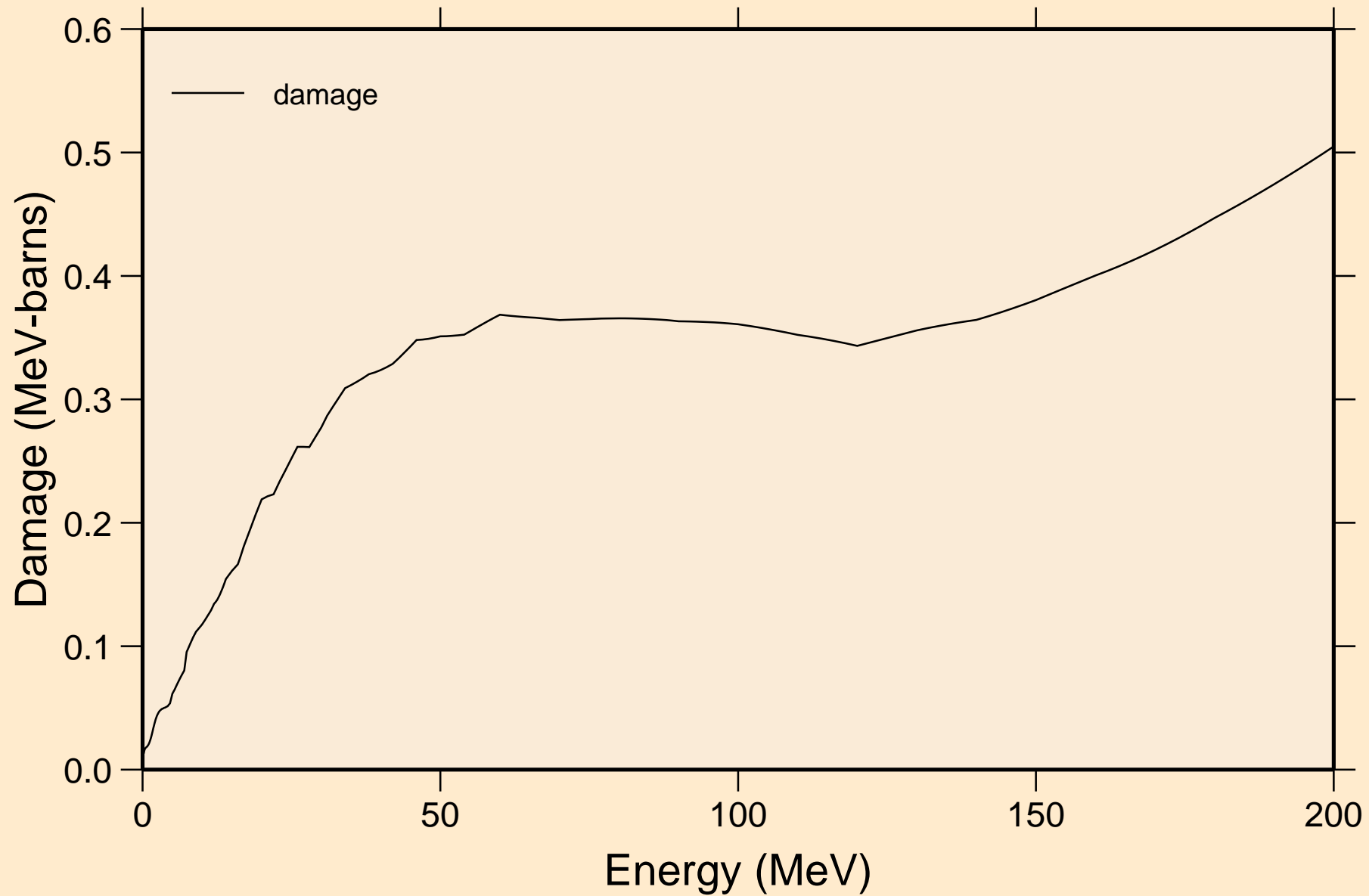


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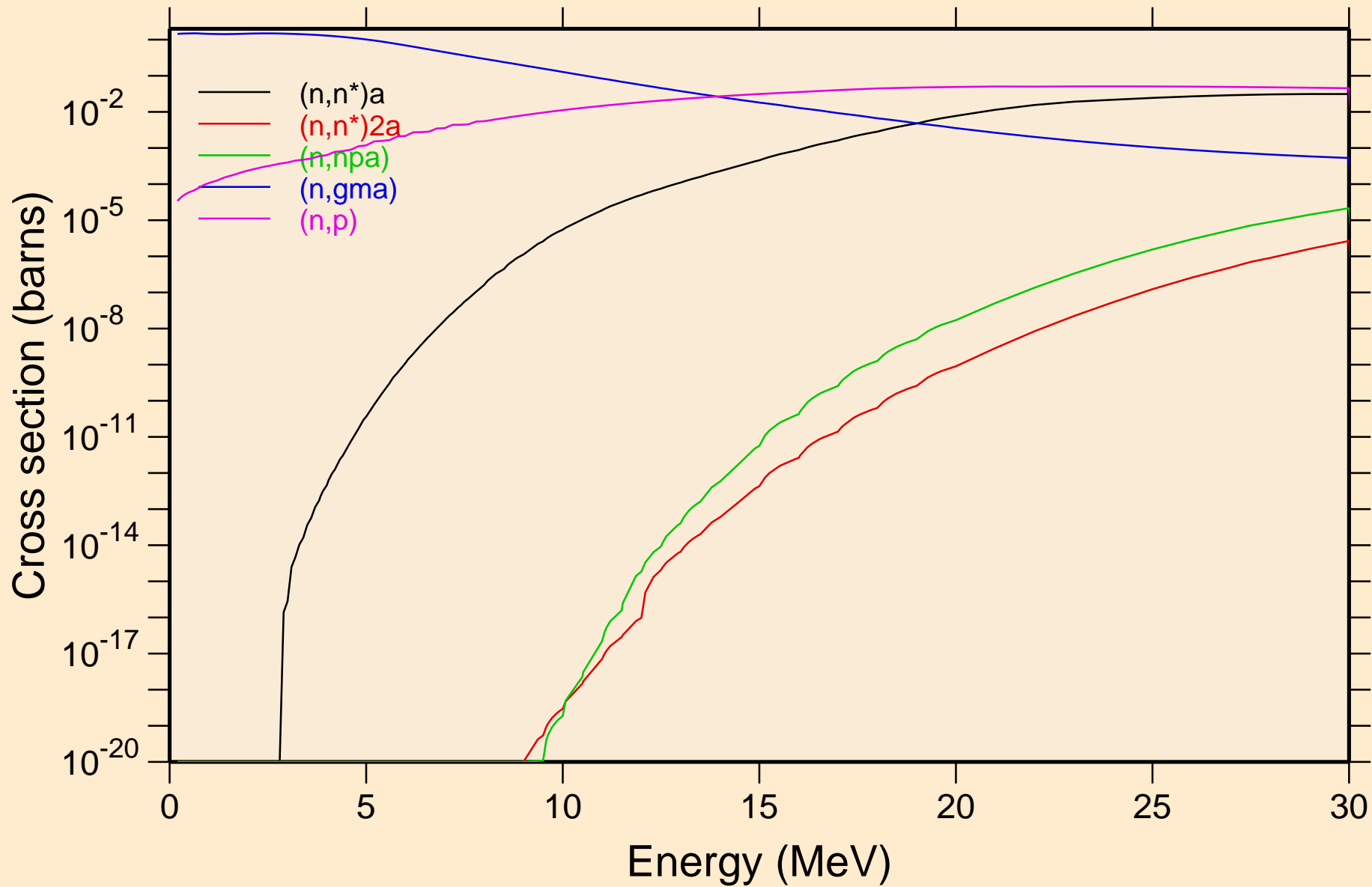
Heating



TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Damage

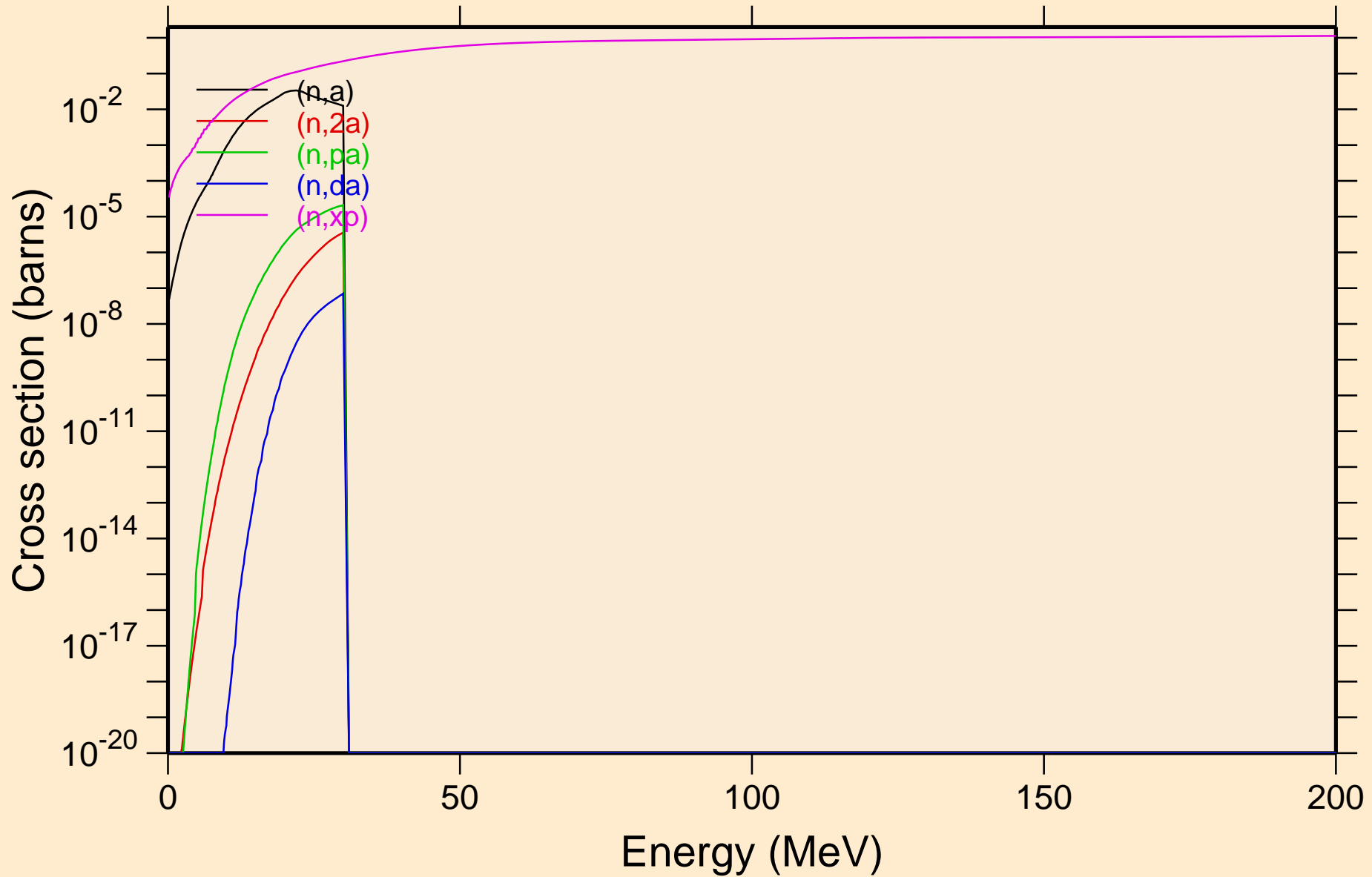


TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

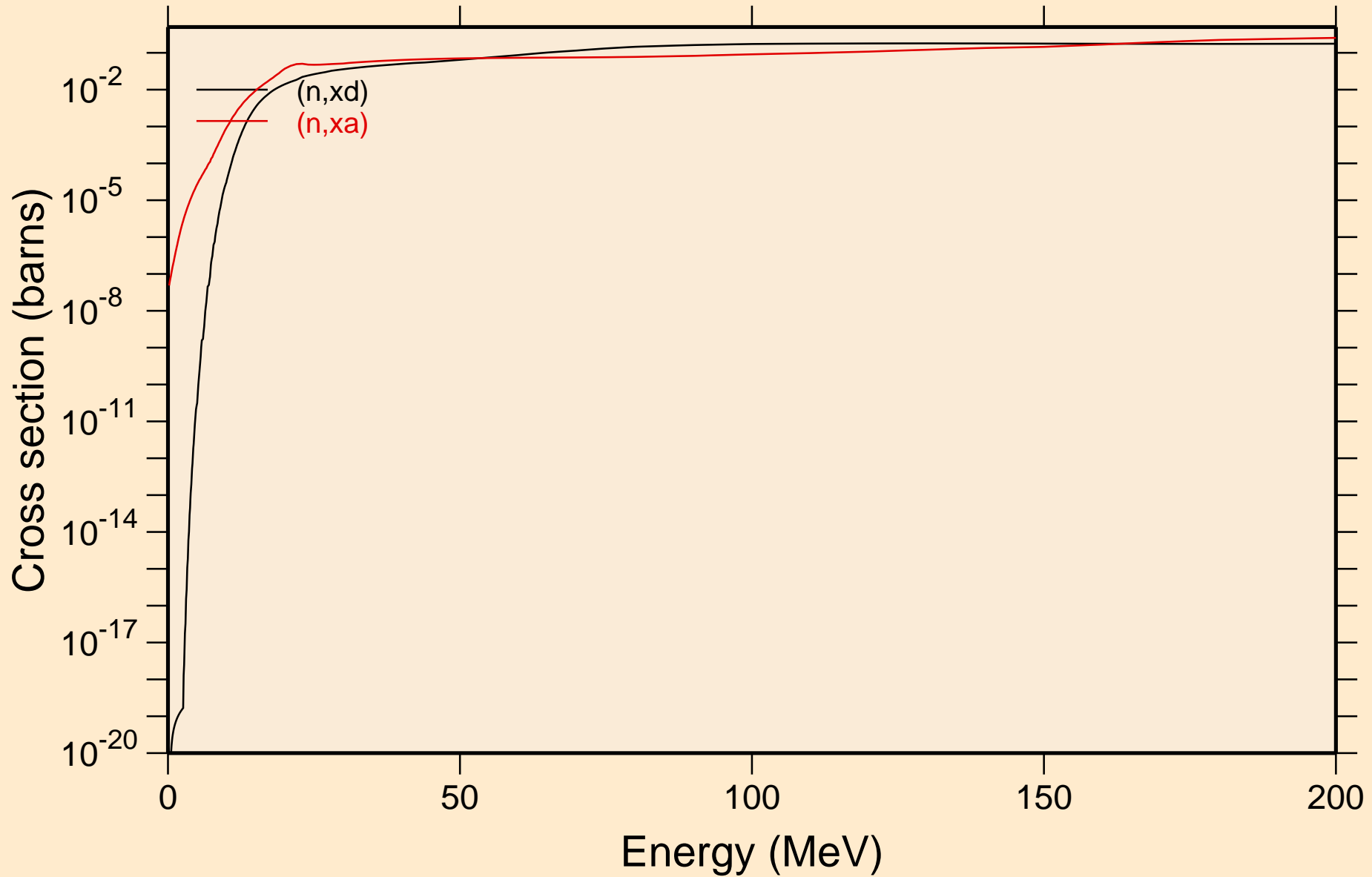


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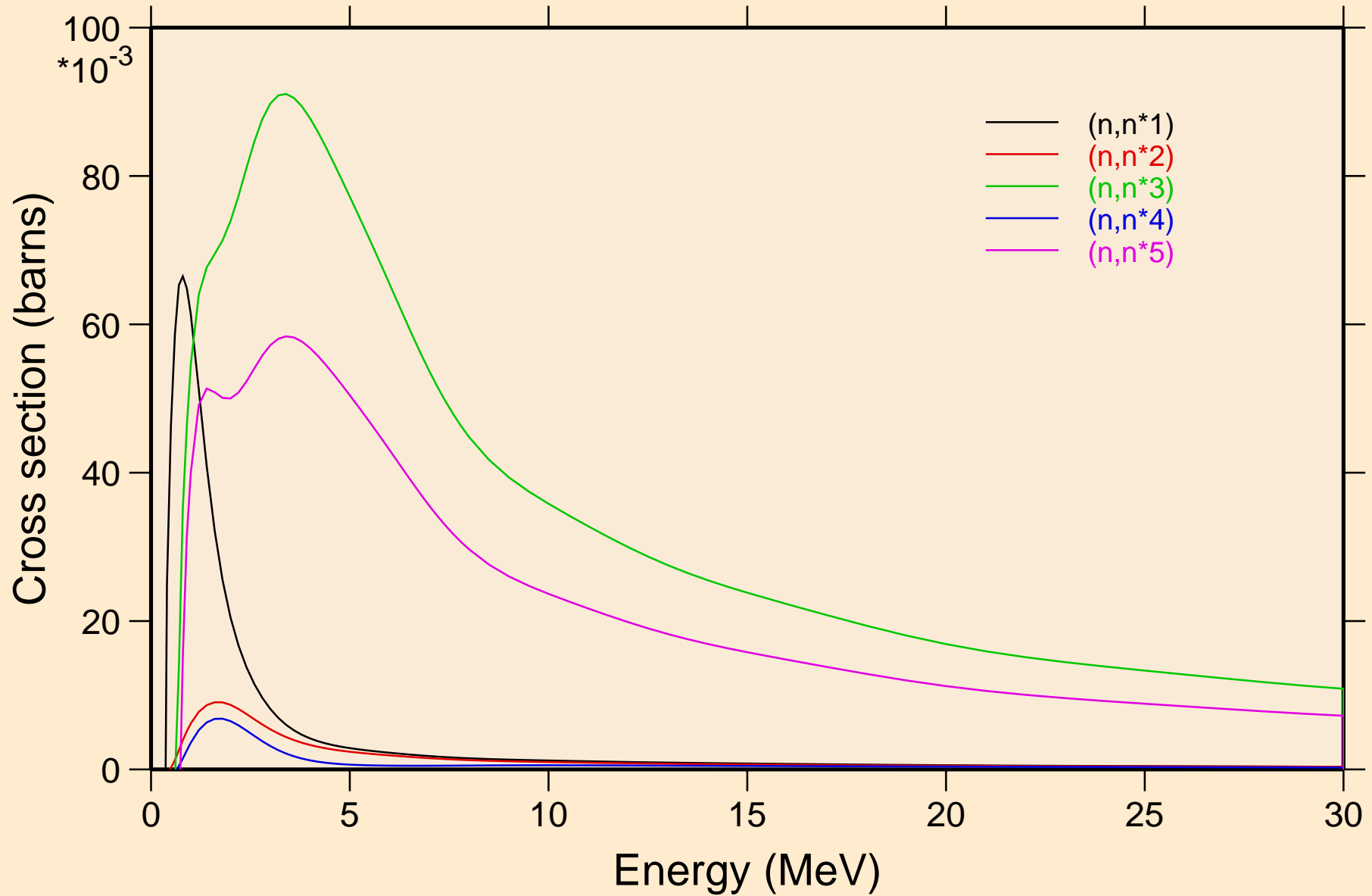
Non-threshold reactions



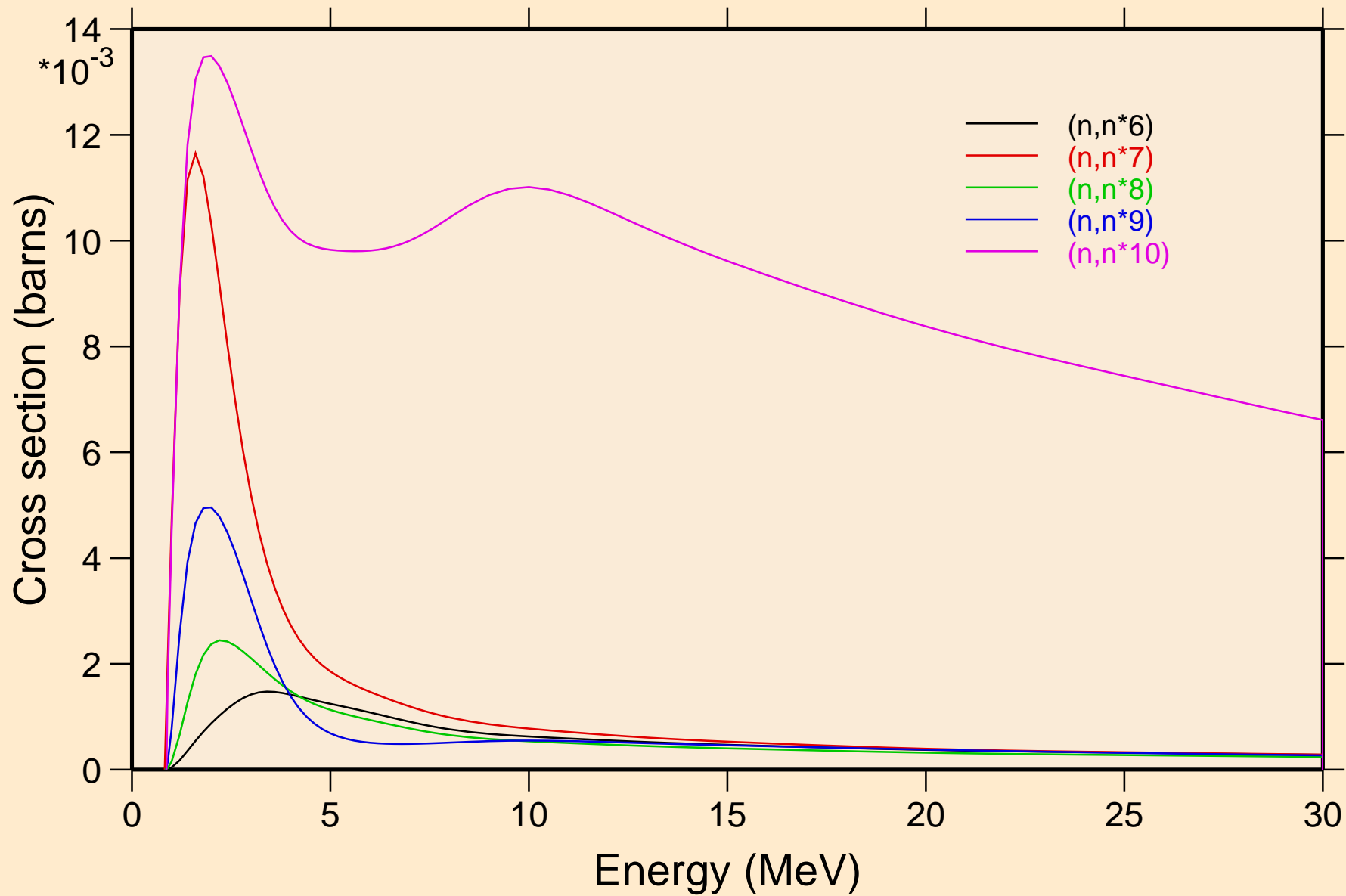
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



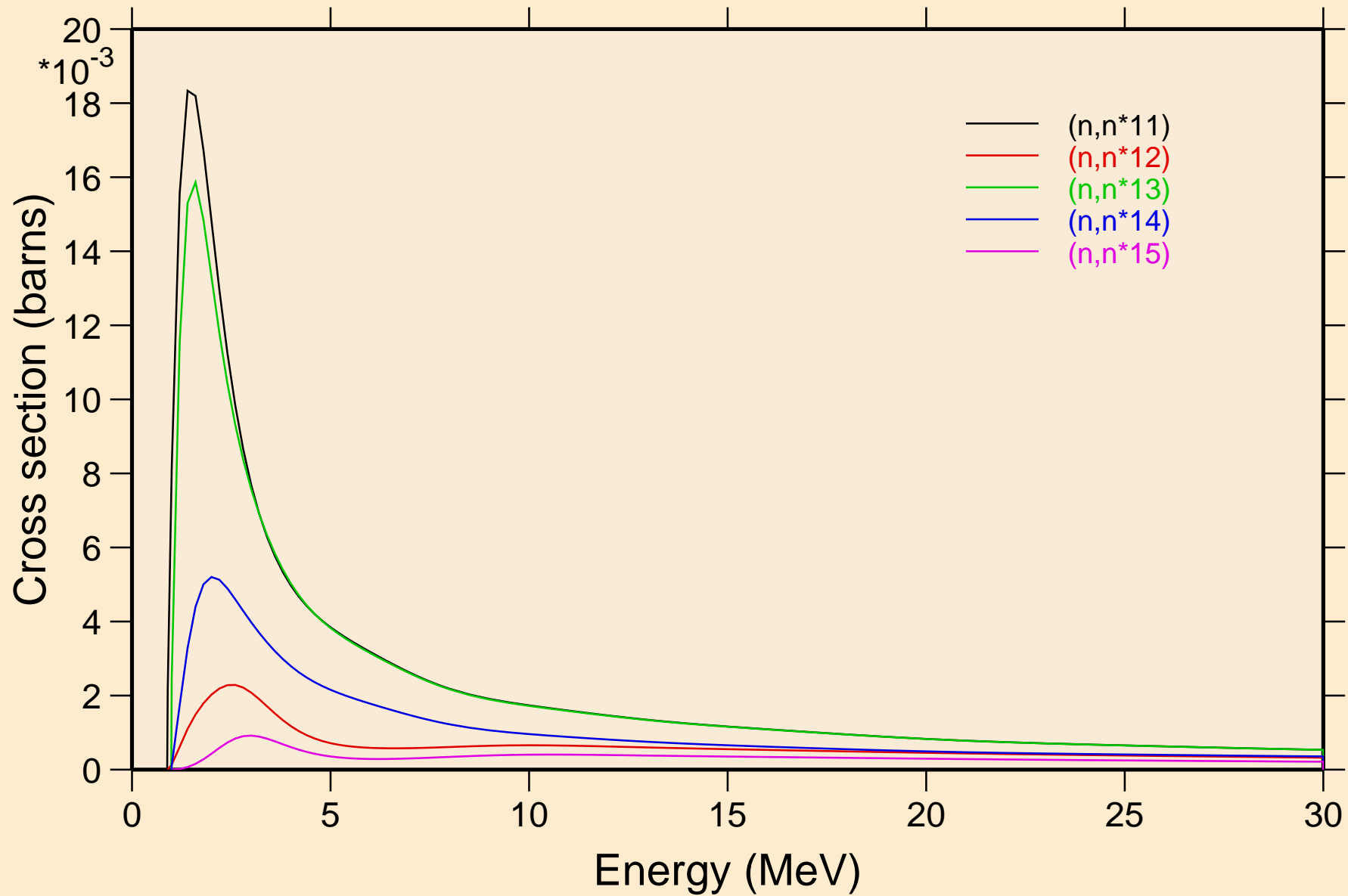
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



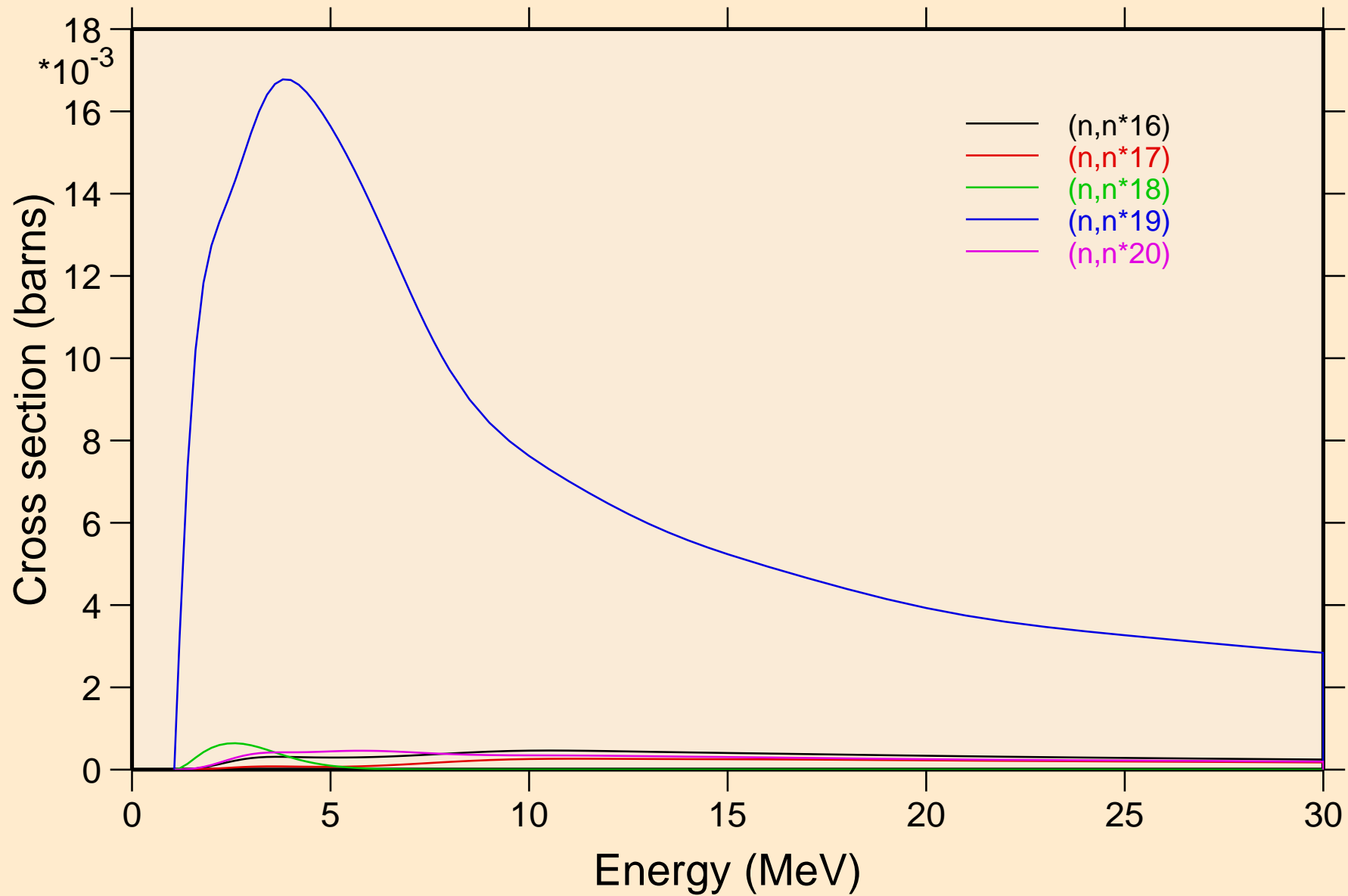
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



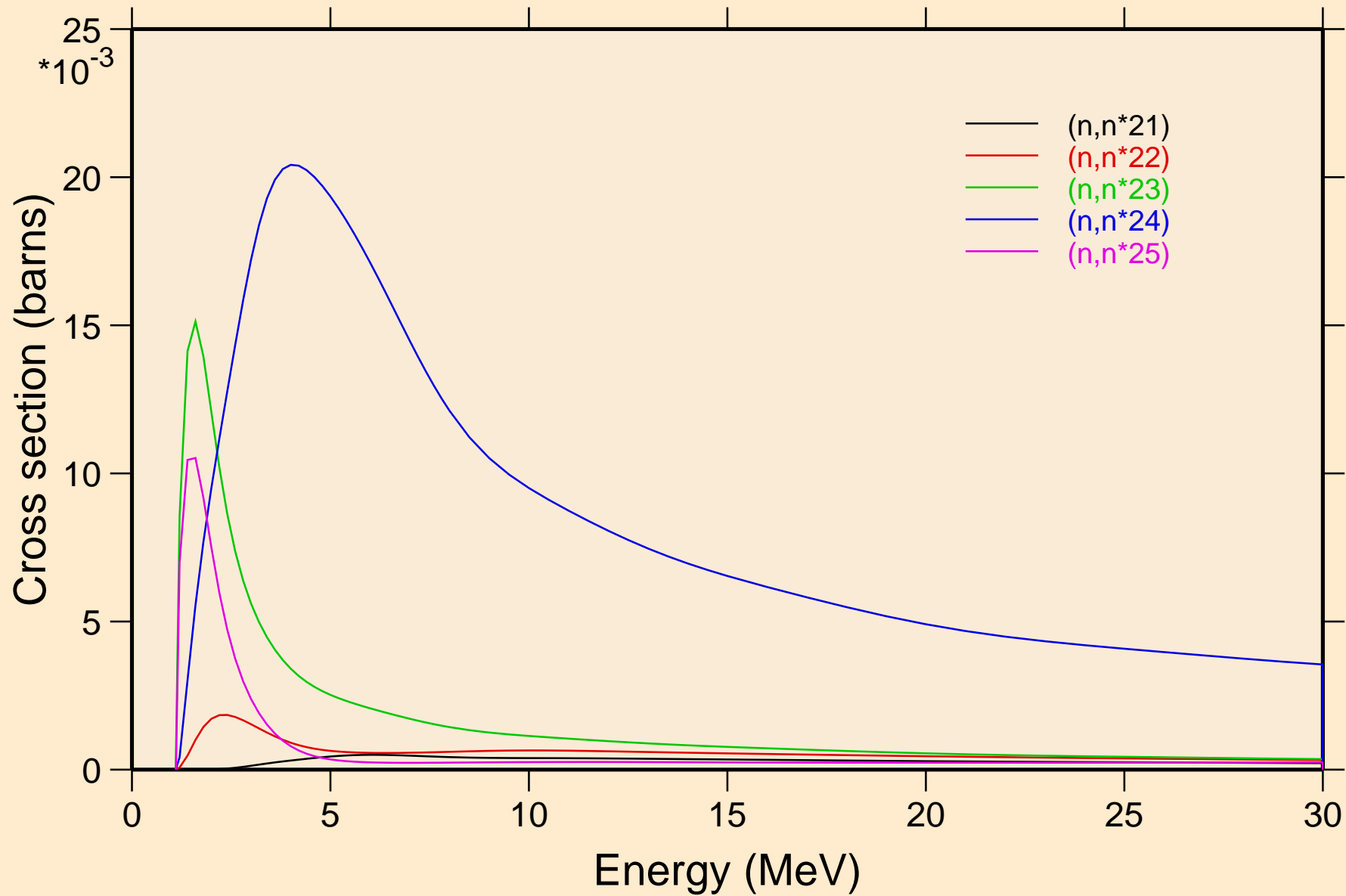
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



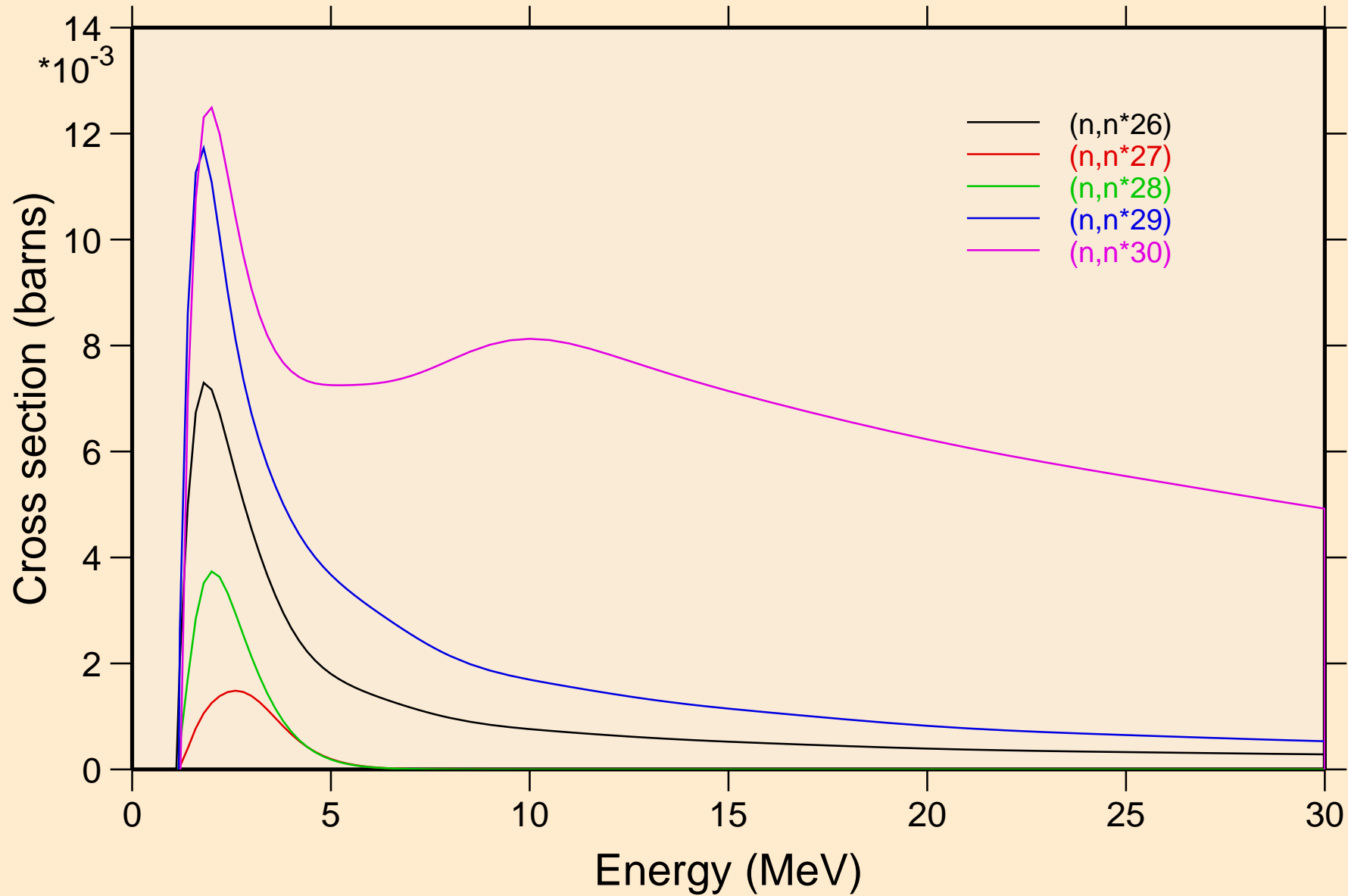
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



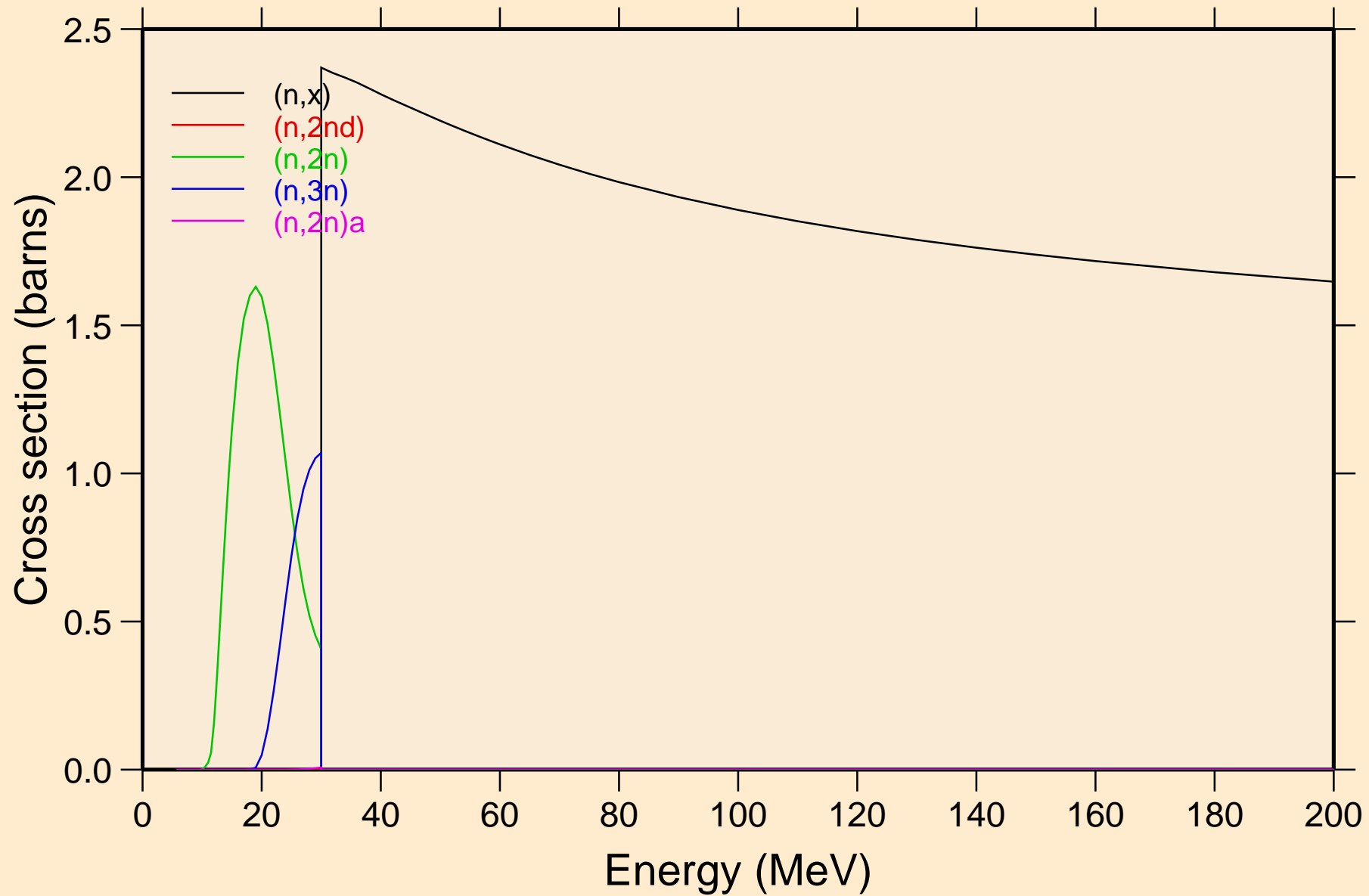
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



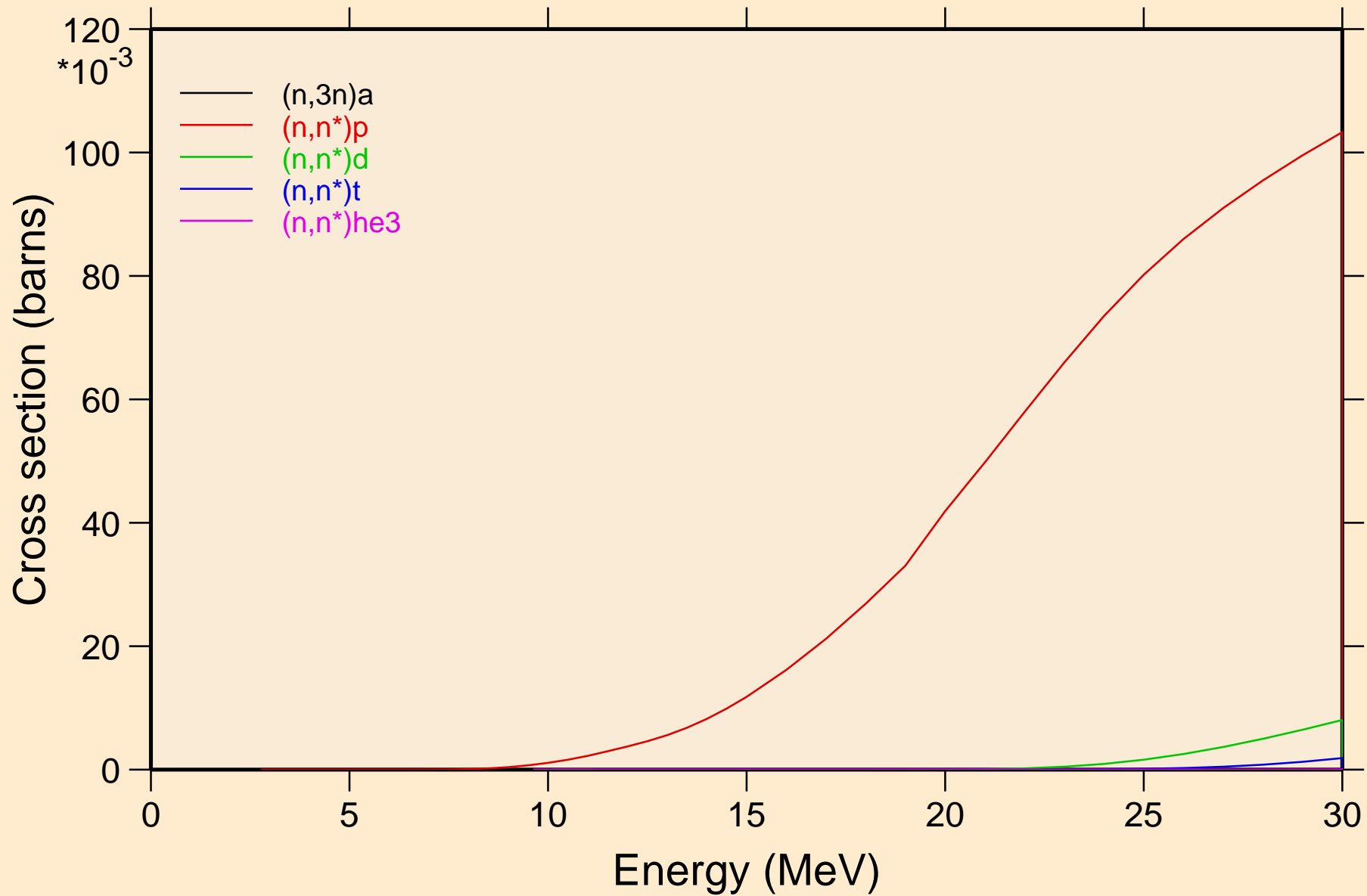
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



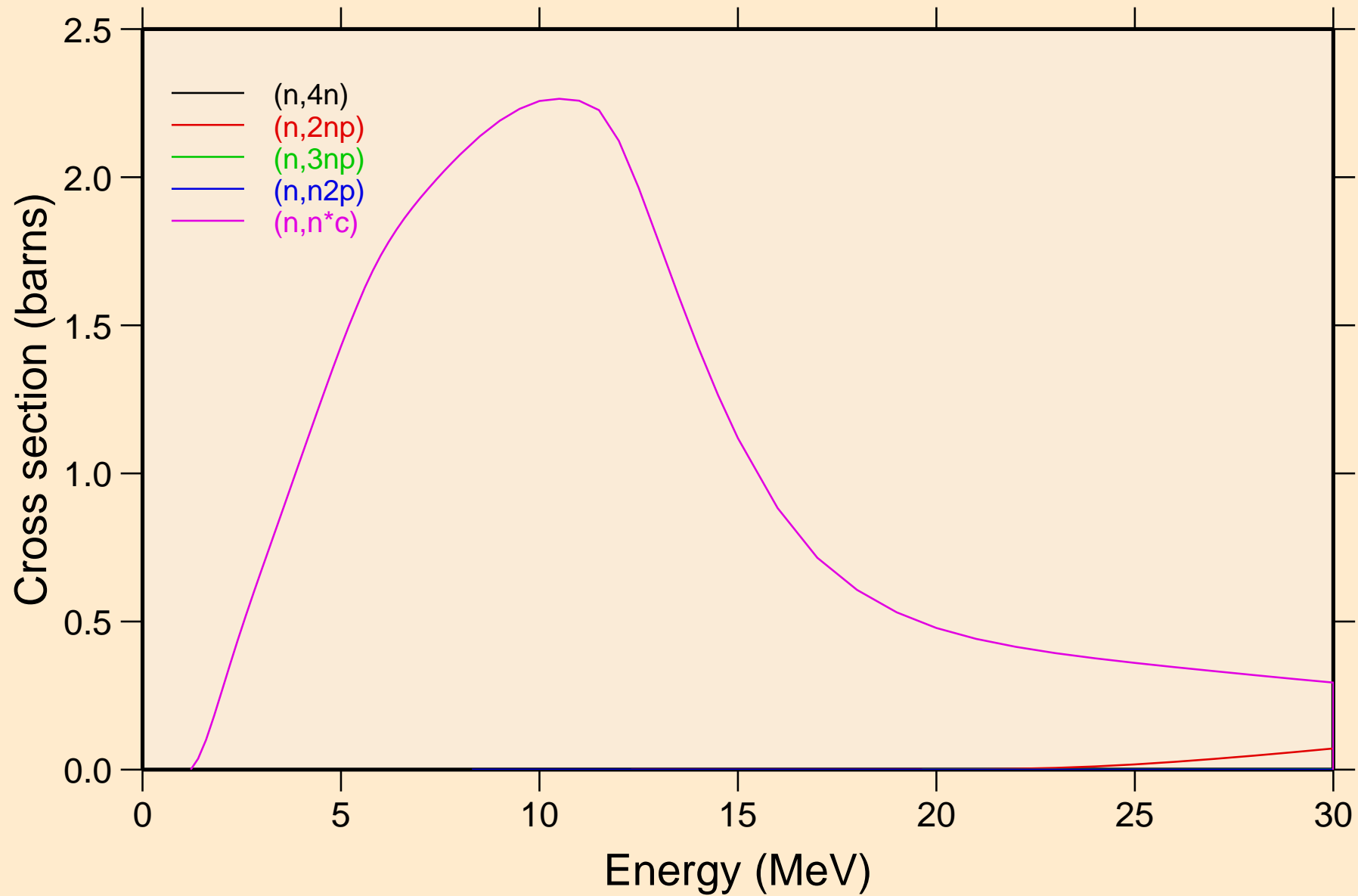
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



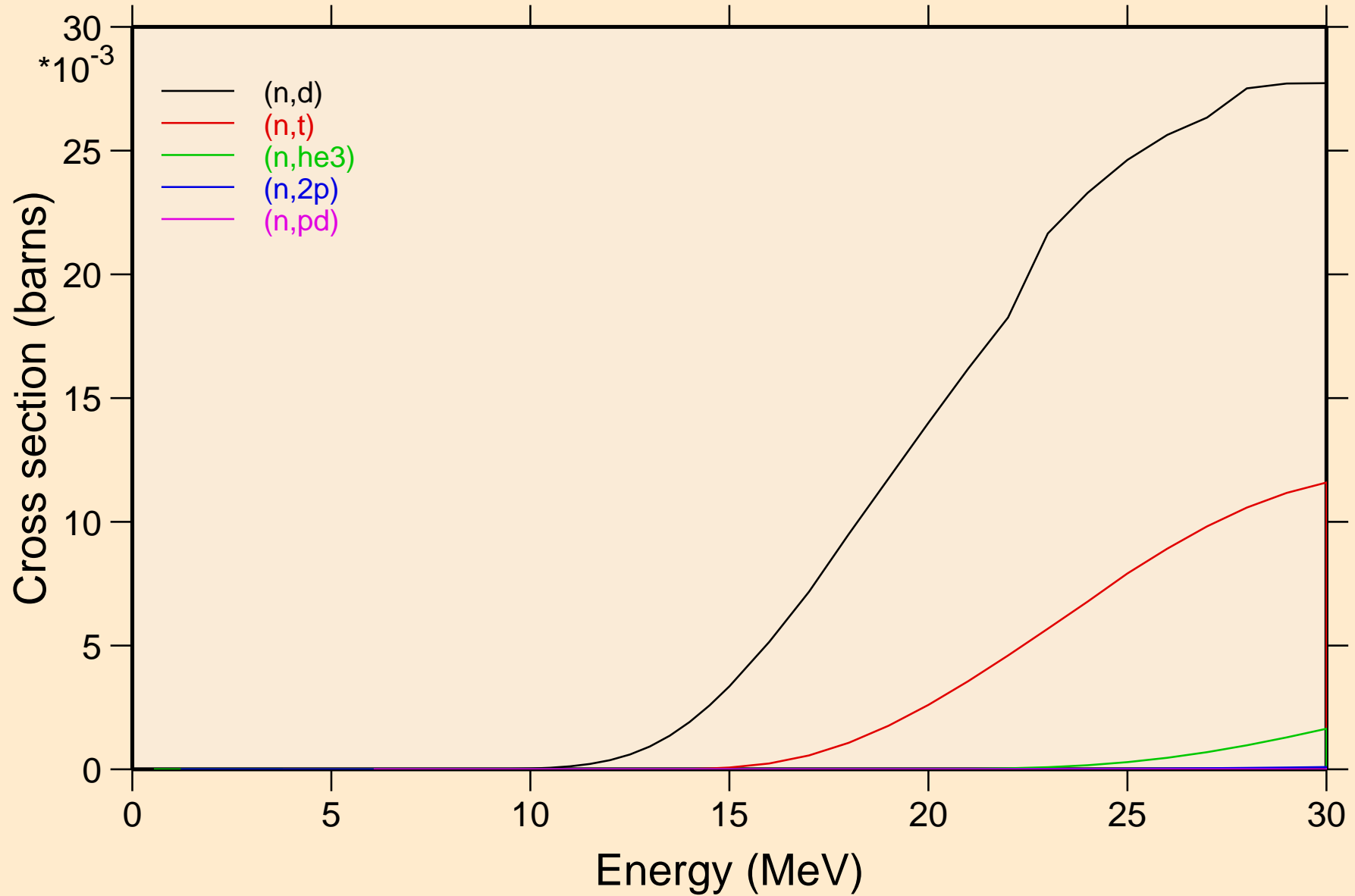
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



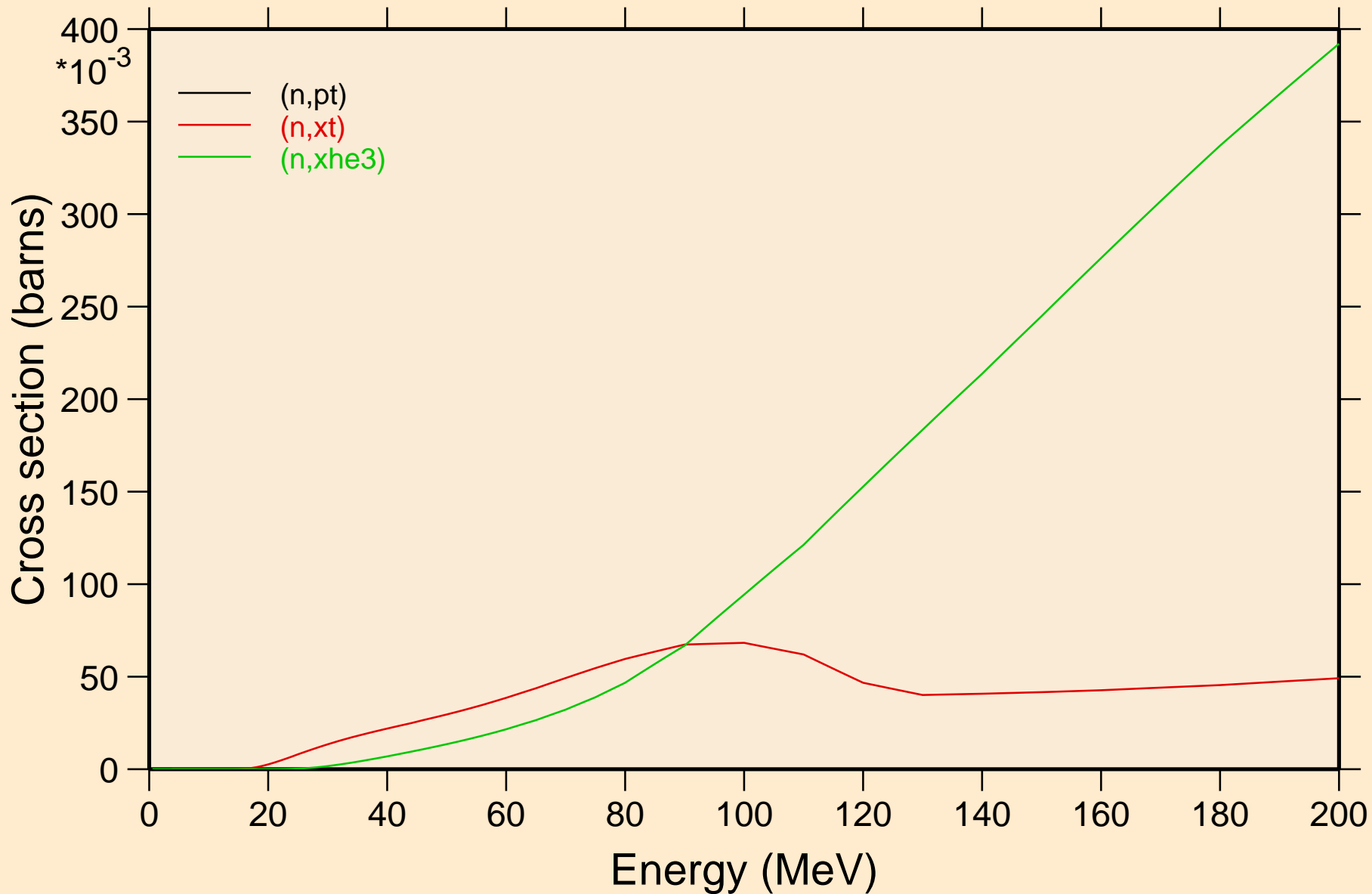
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



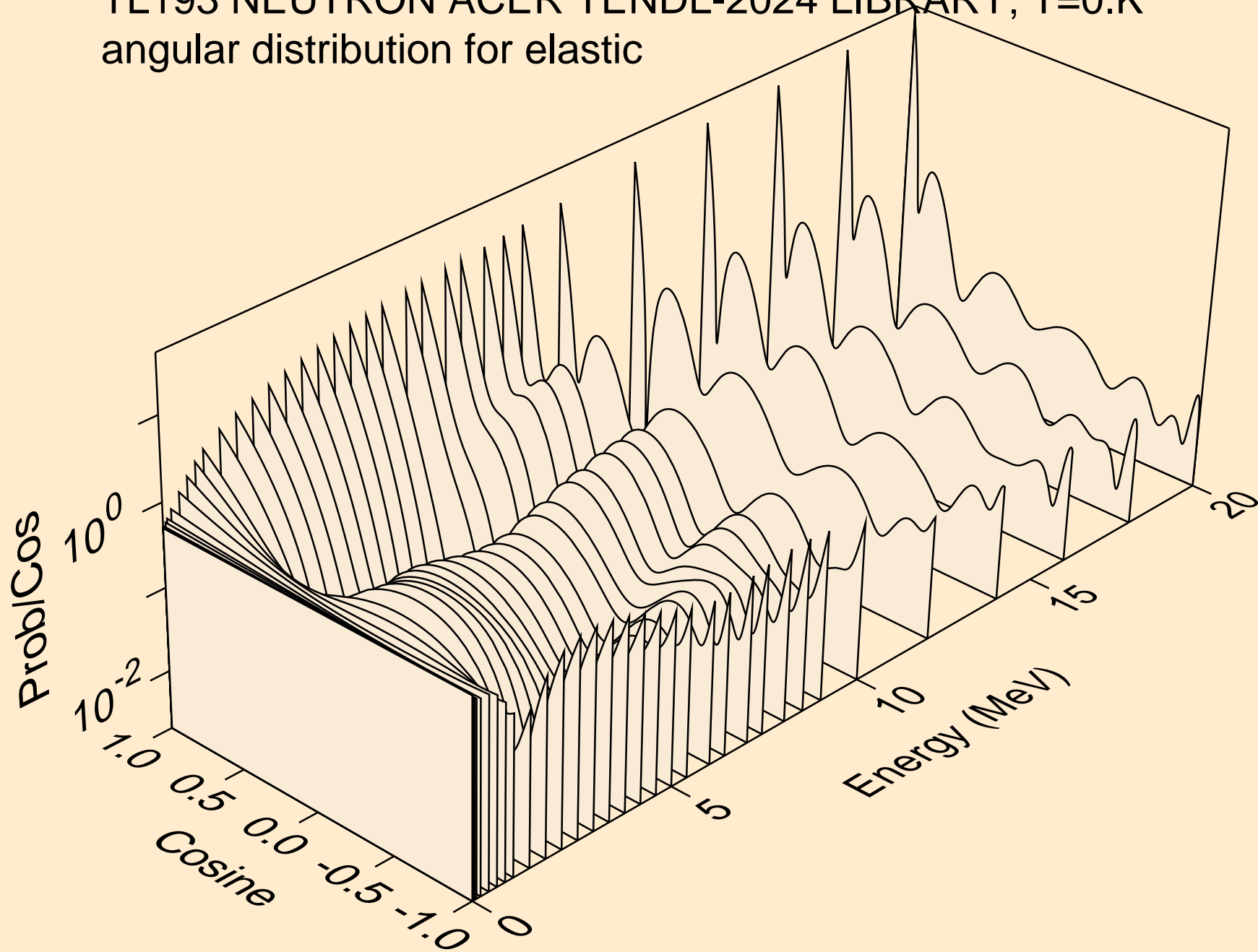
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



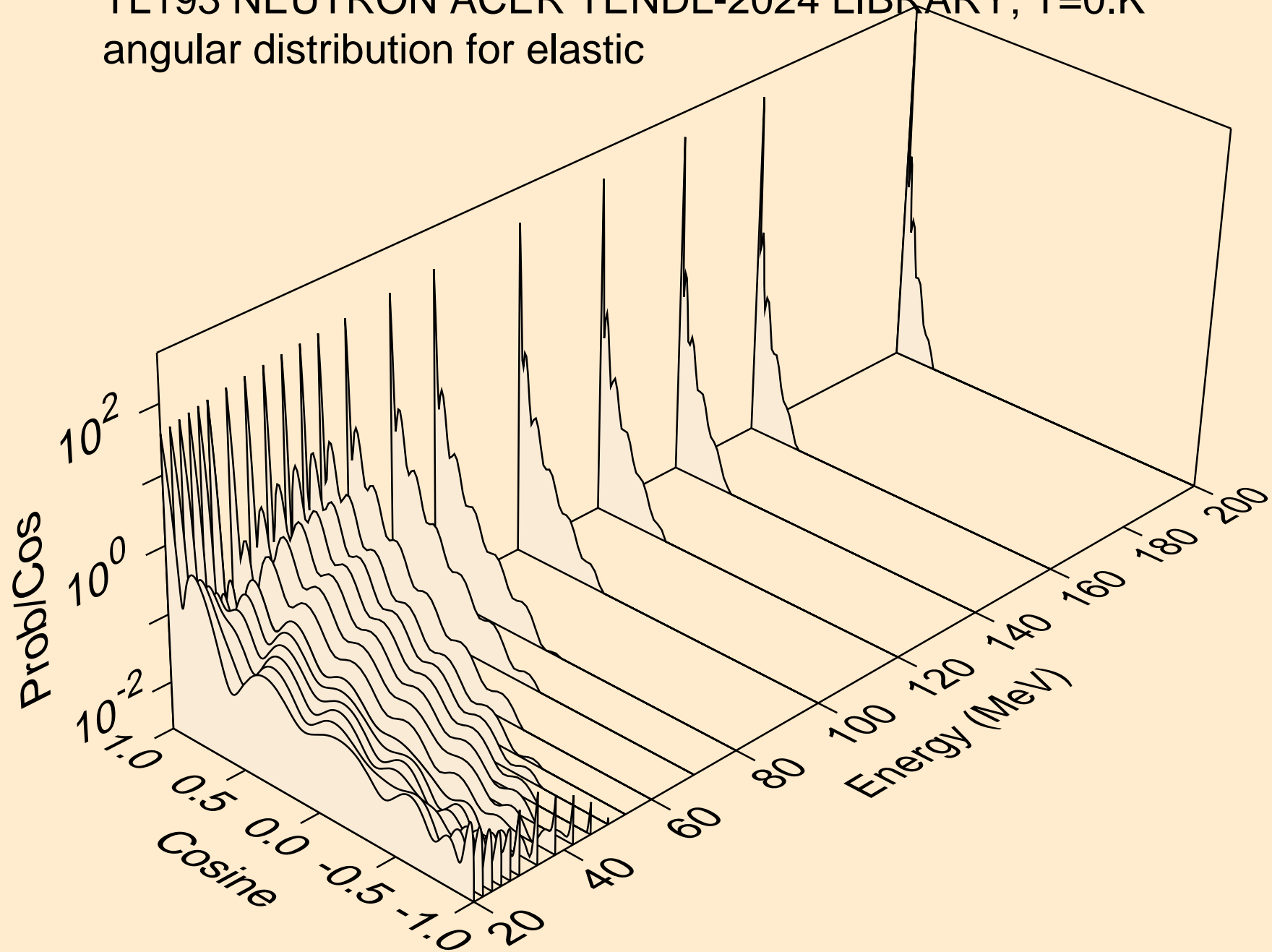
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



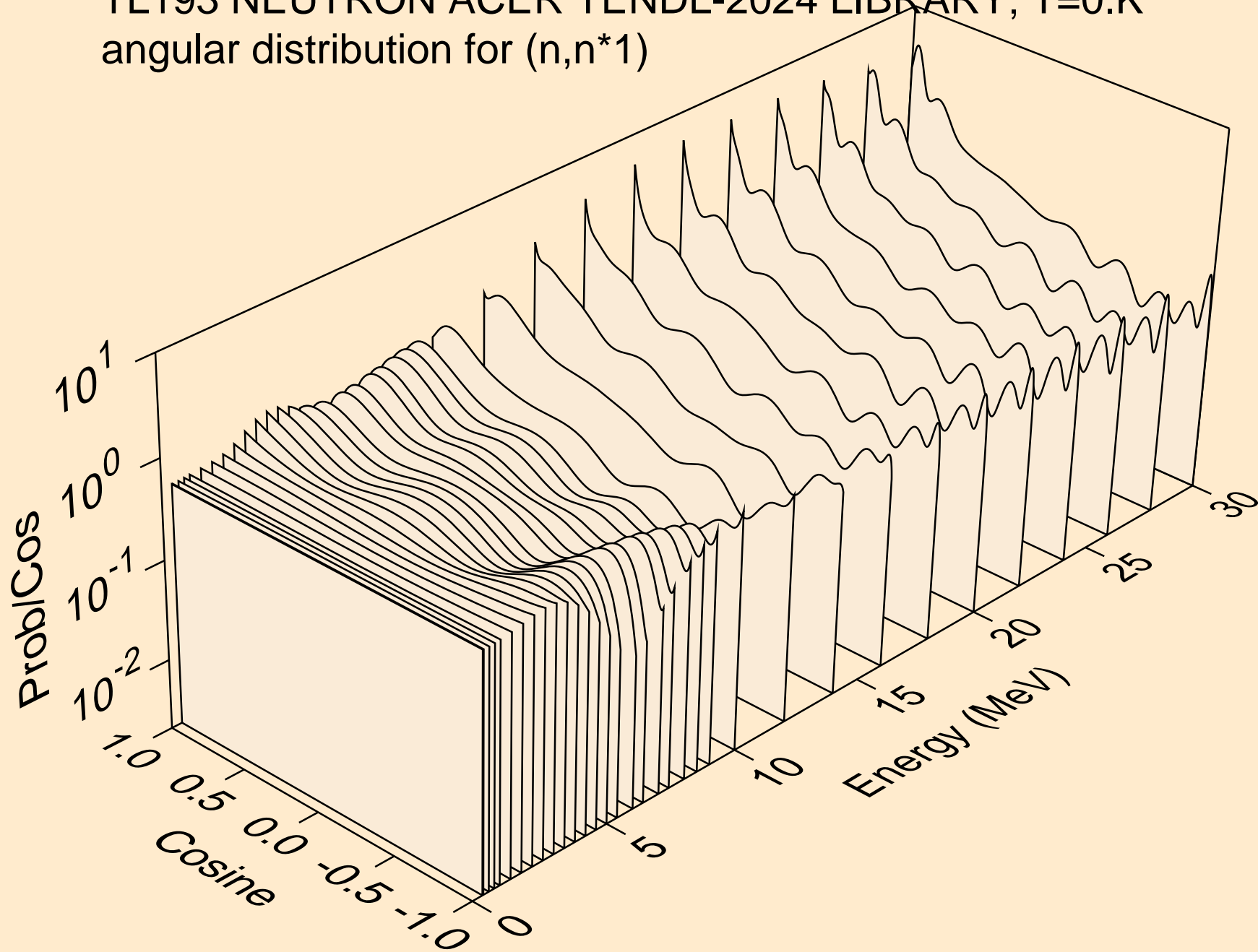
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



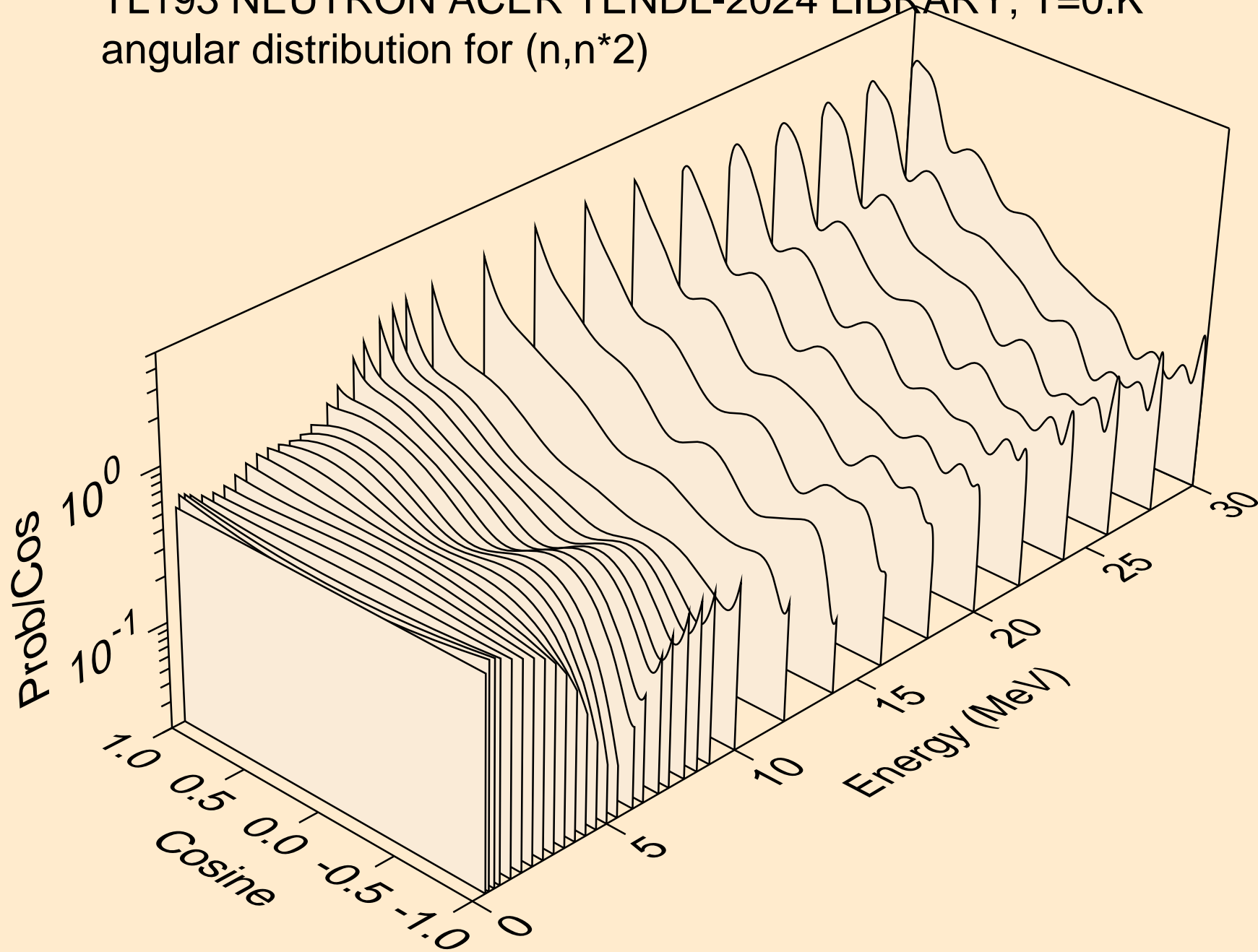
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angular distribution for elastic



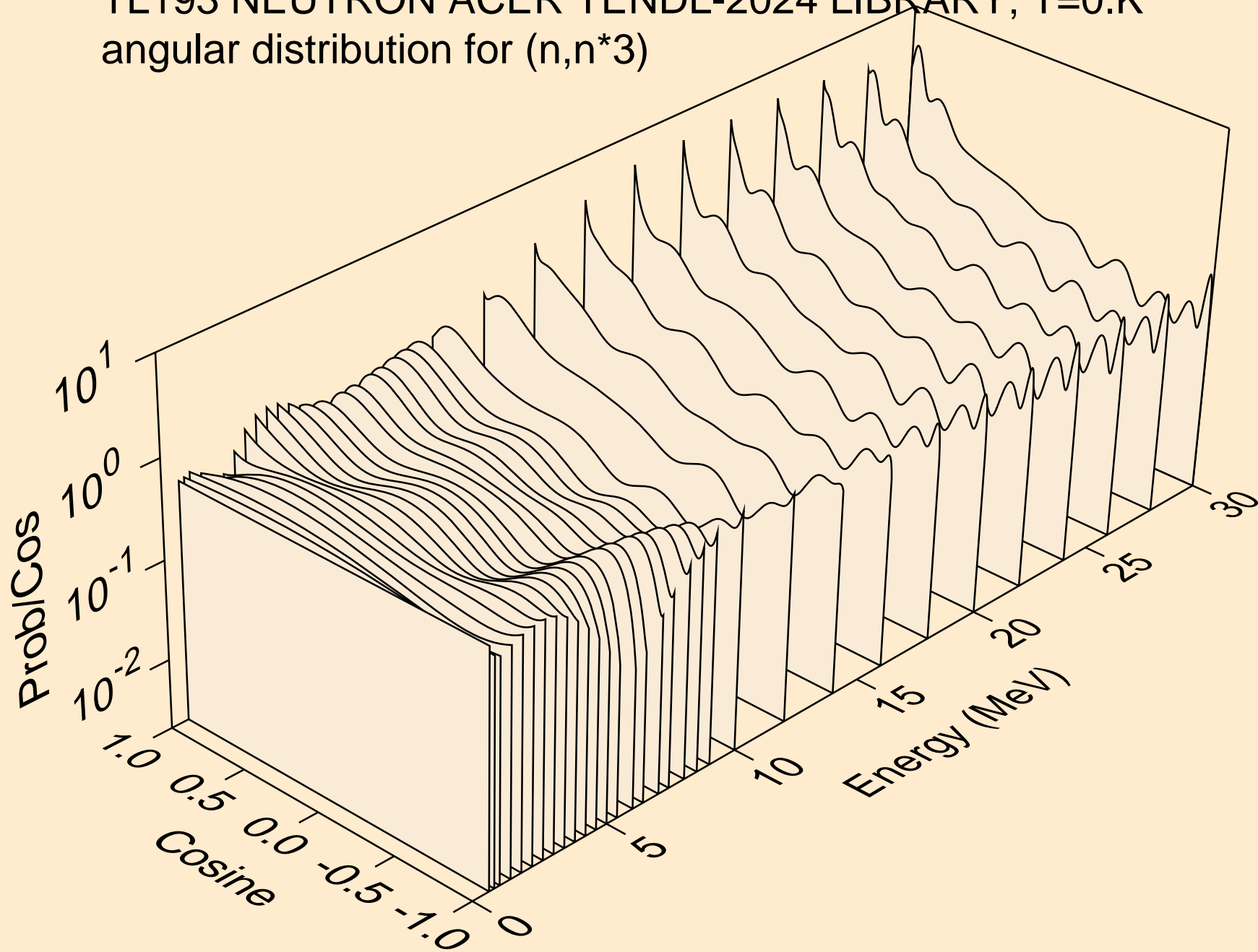
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



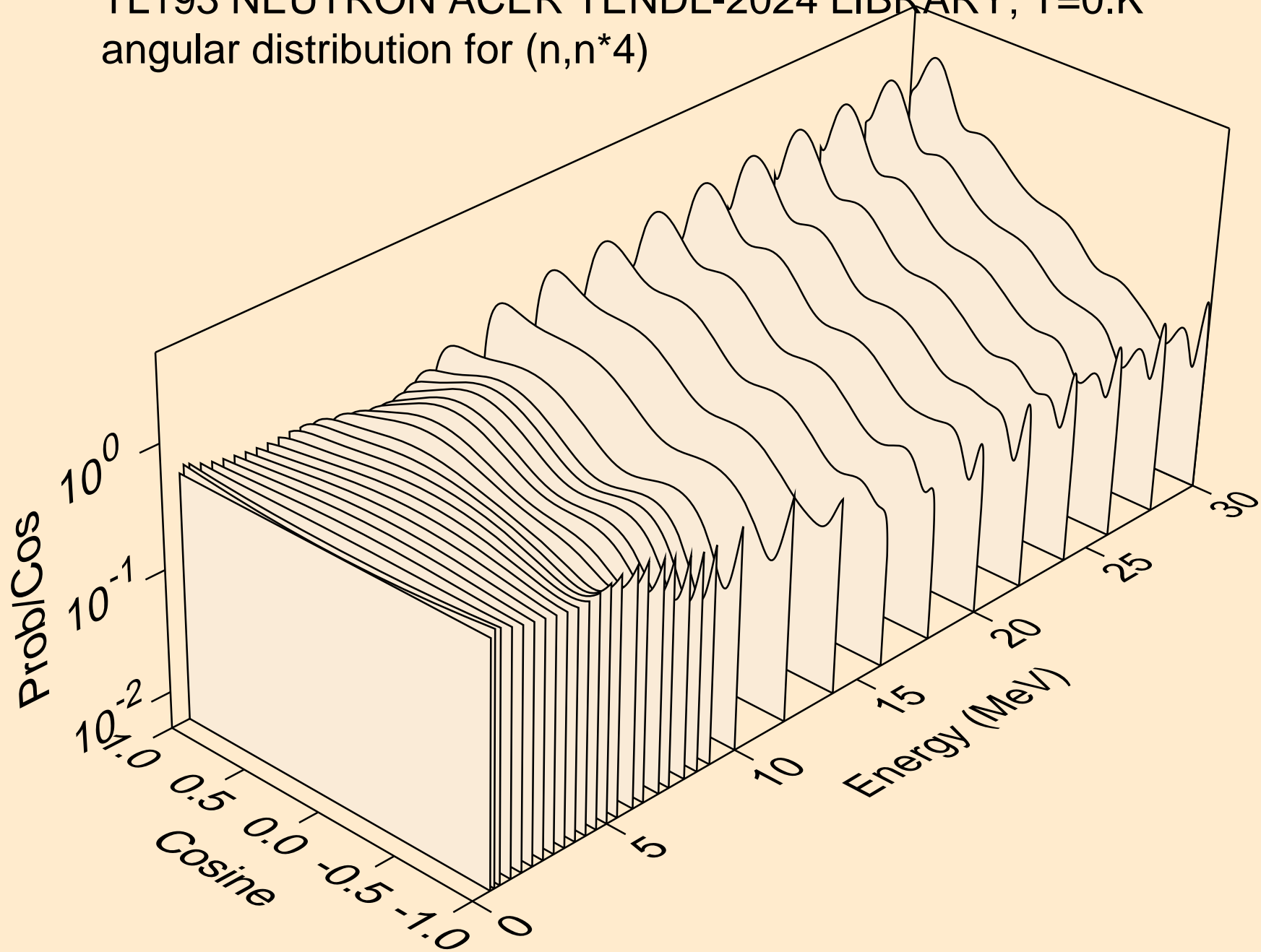
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



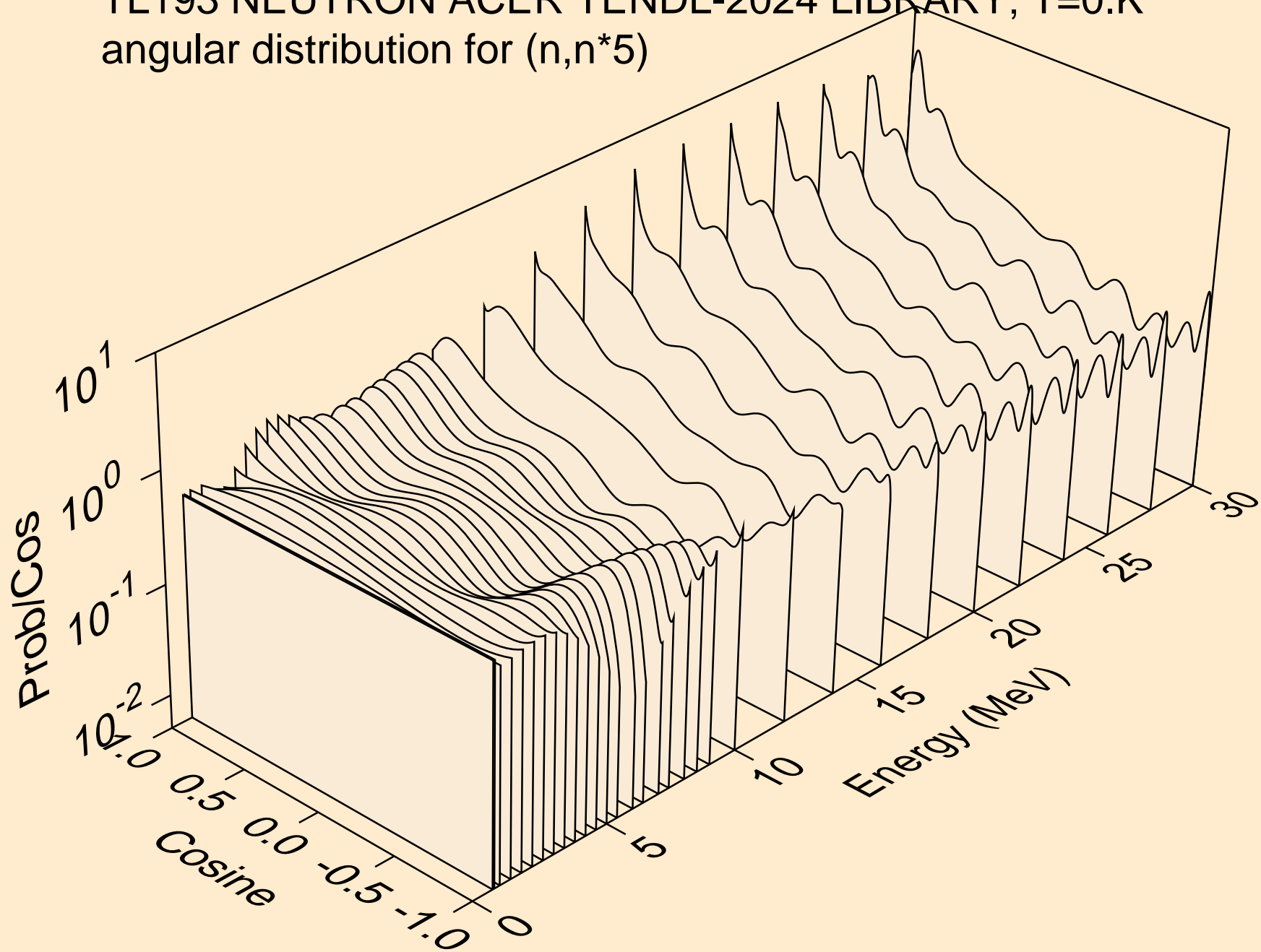
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



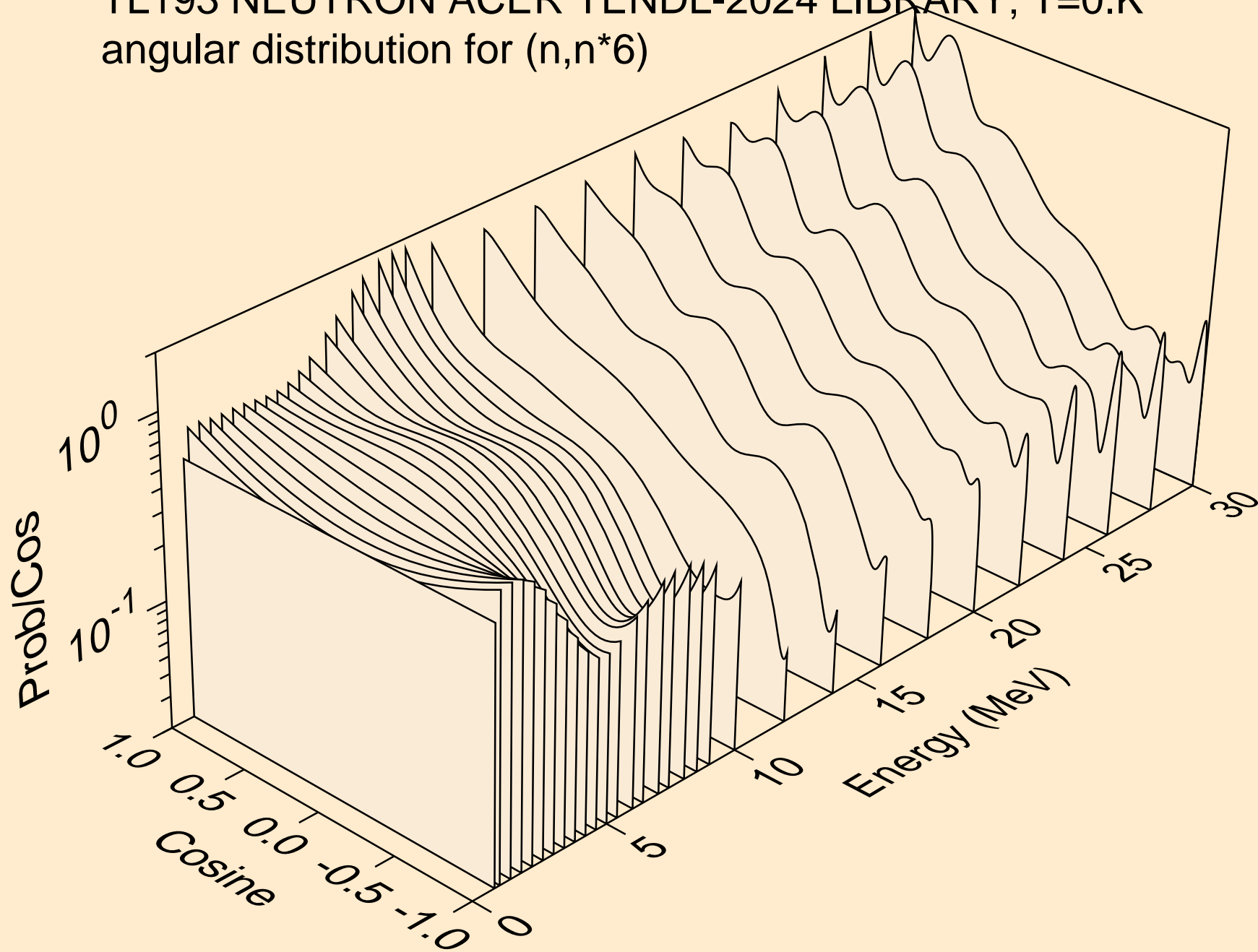
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



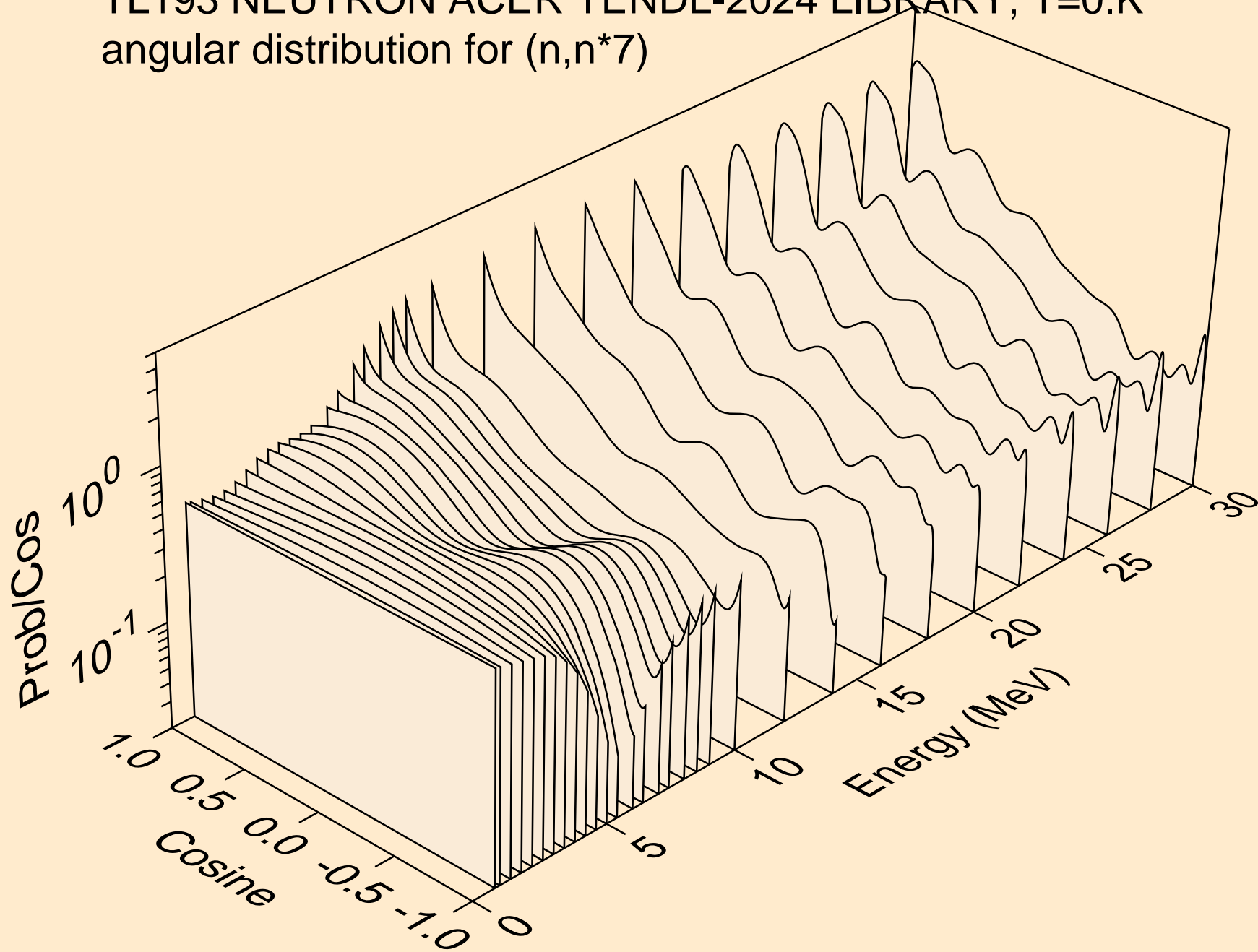
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



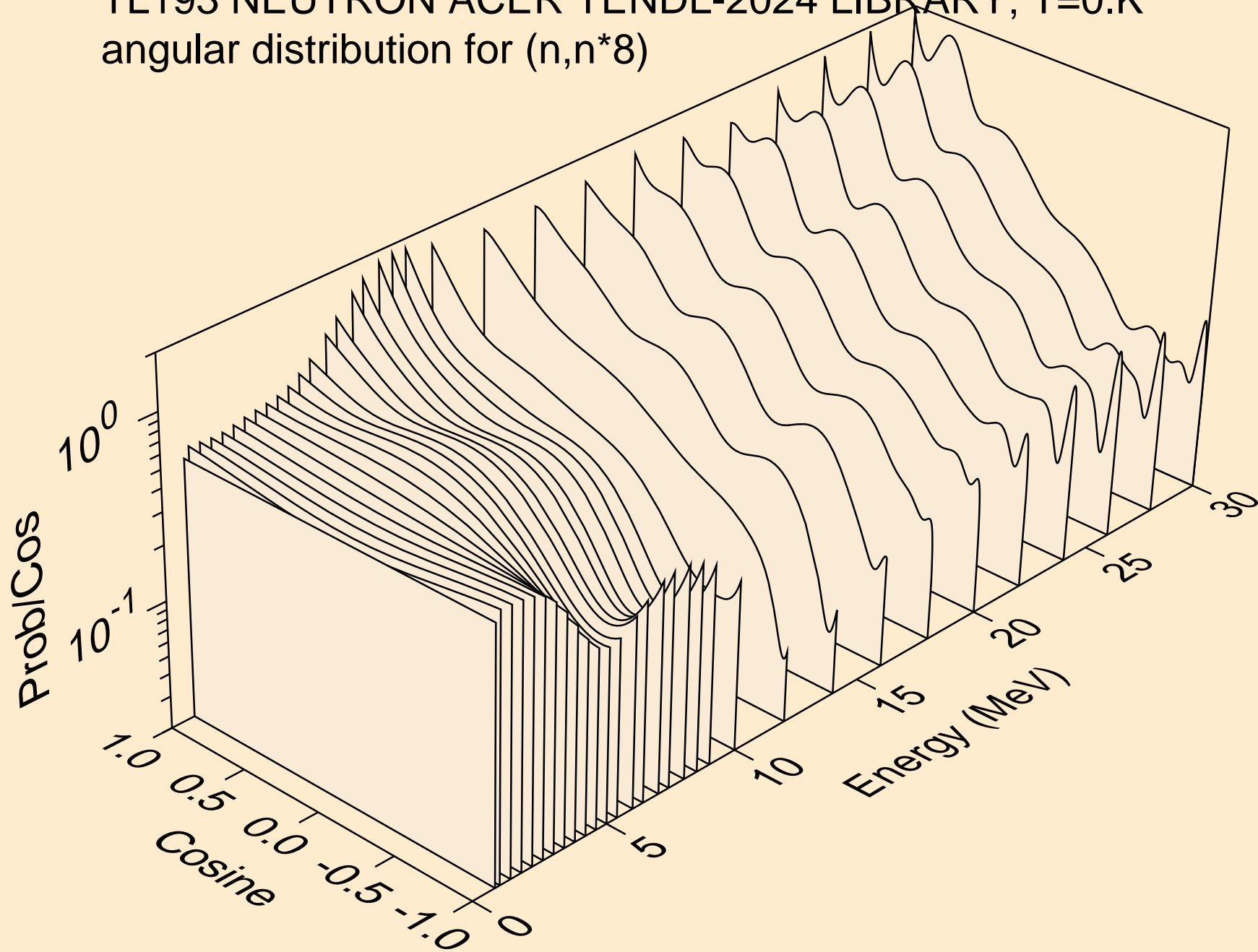
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*6)



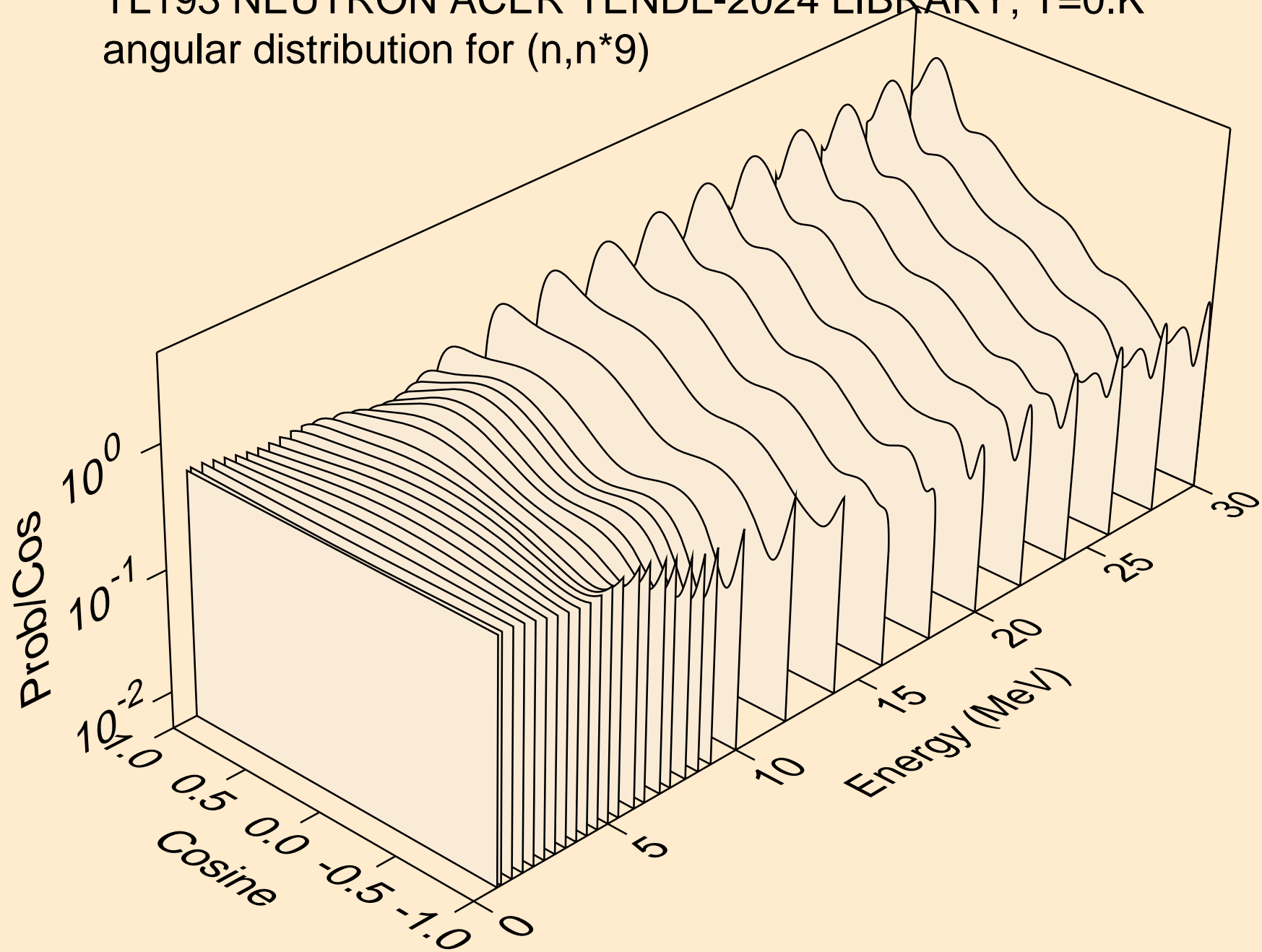
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*7)



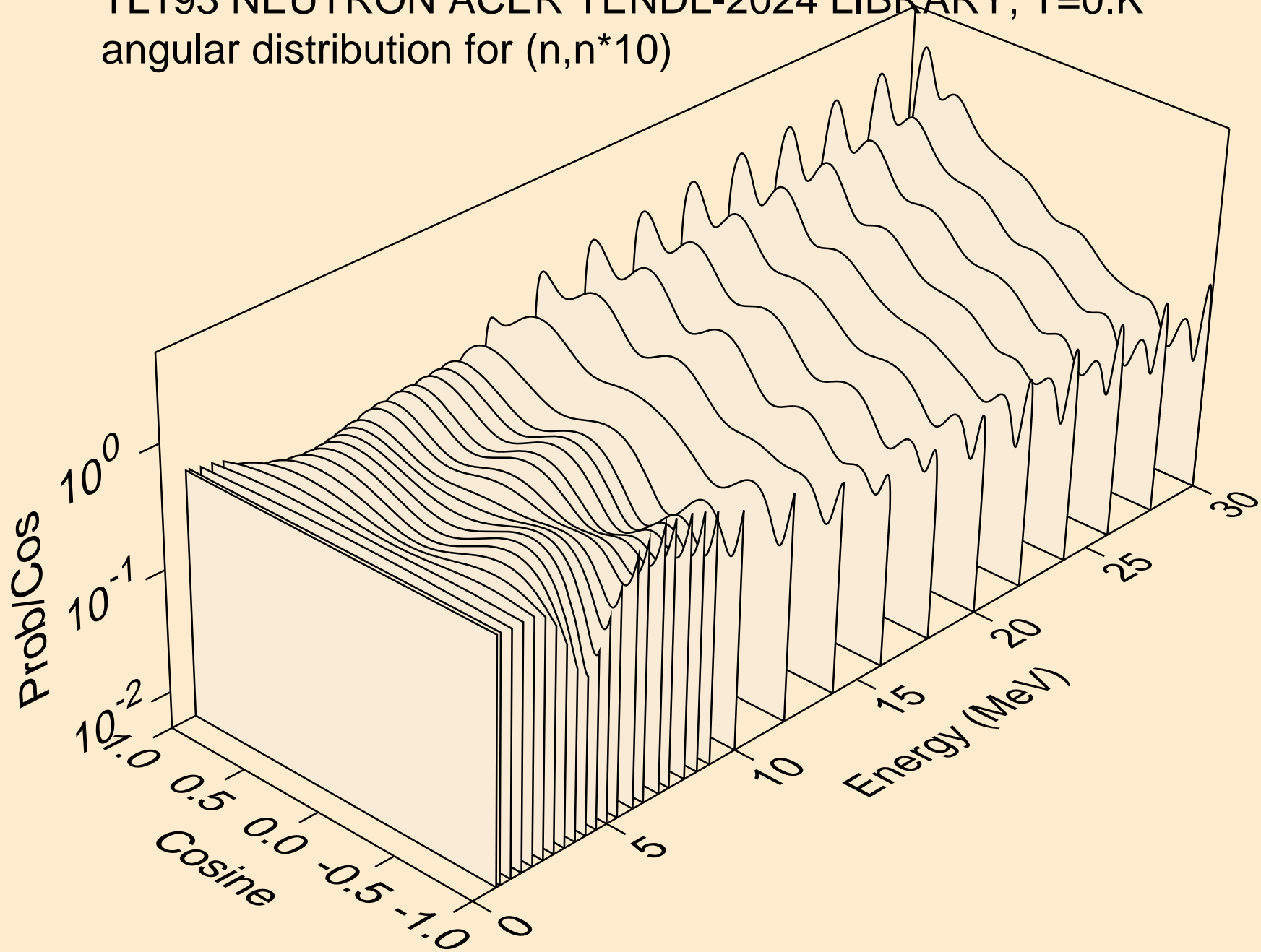
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*8)



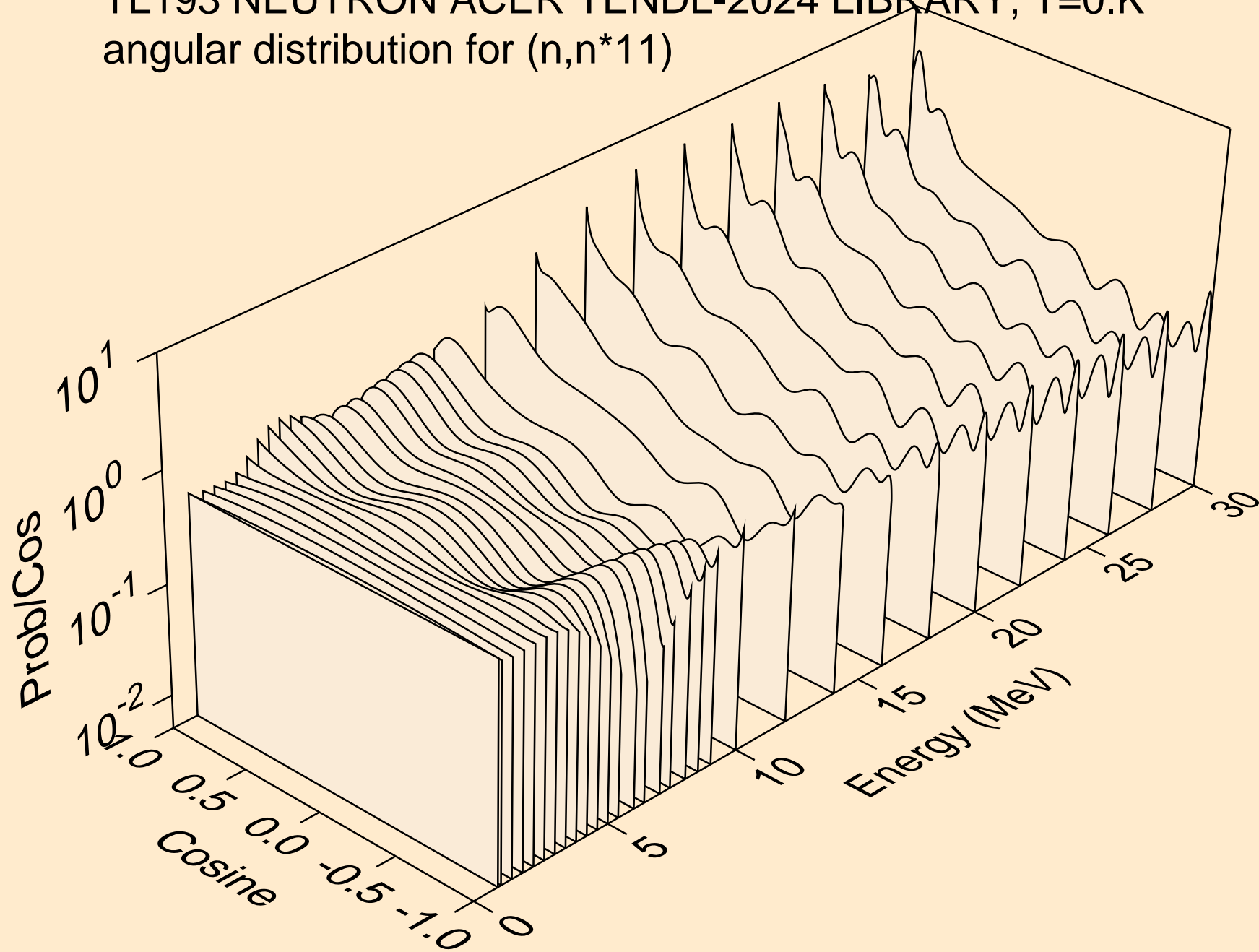
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*9)



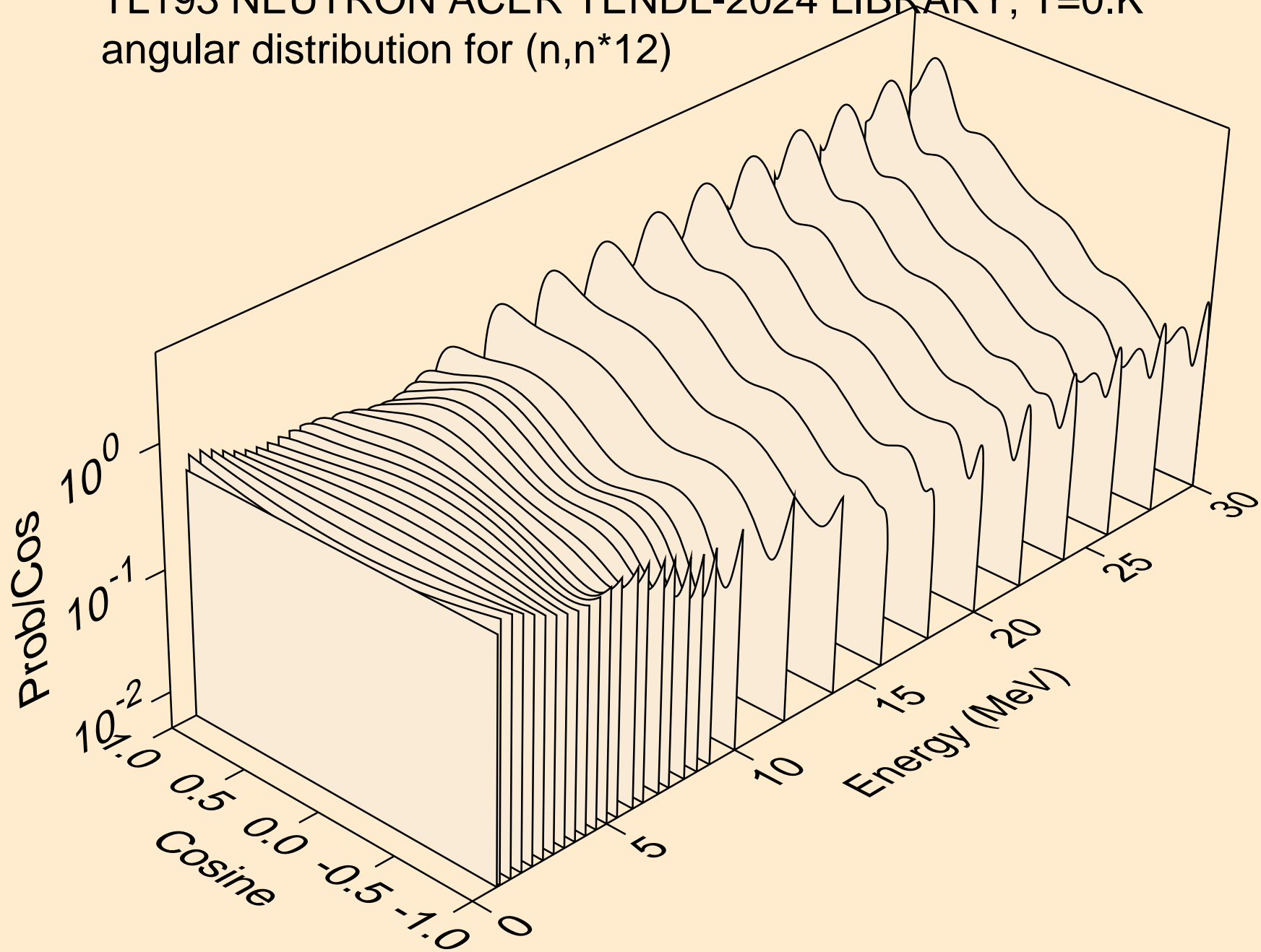
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*10)



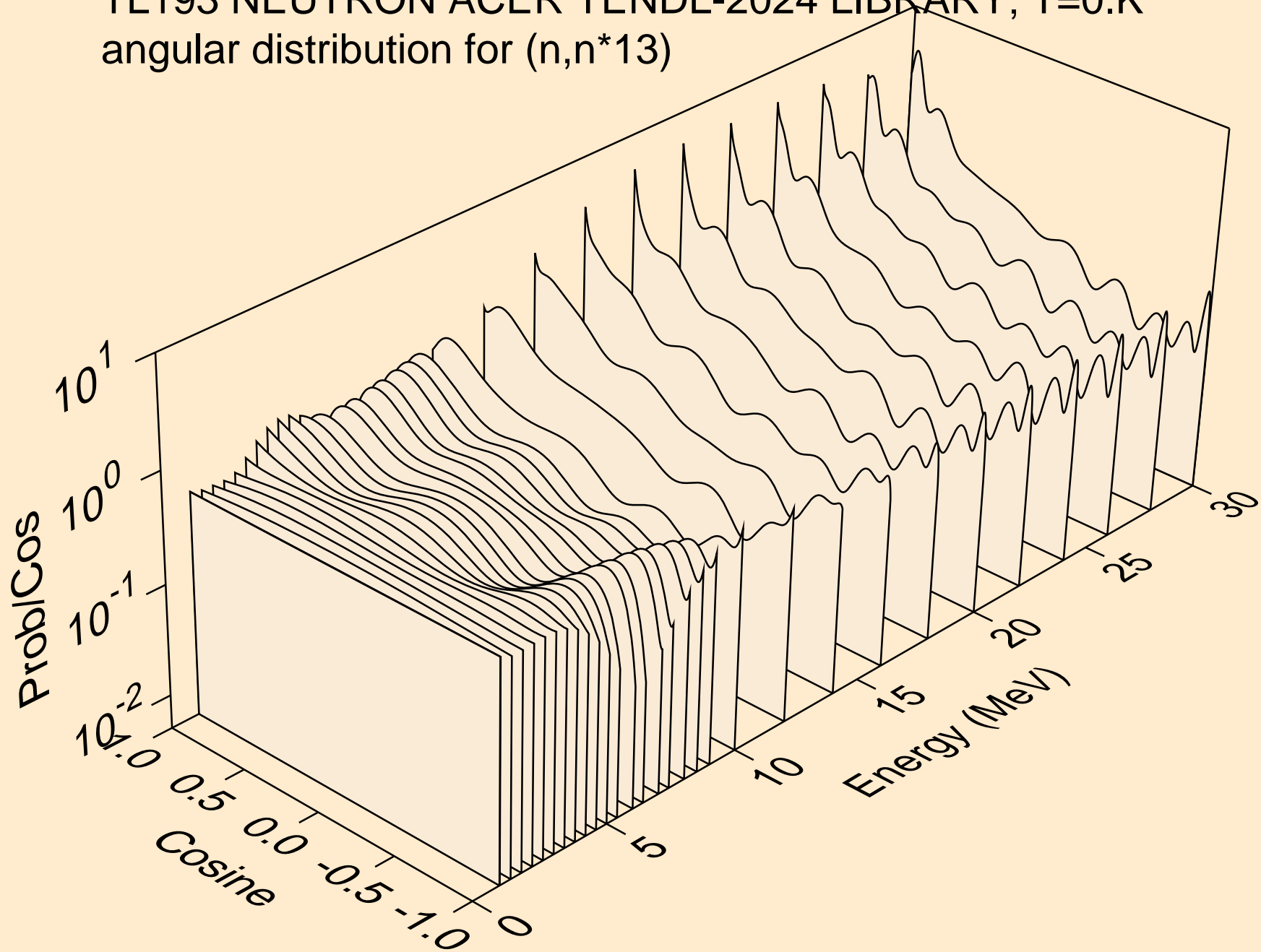
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*11)



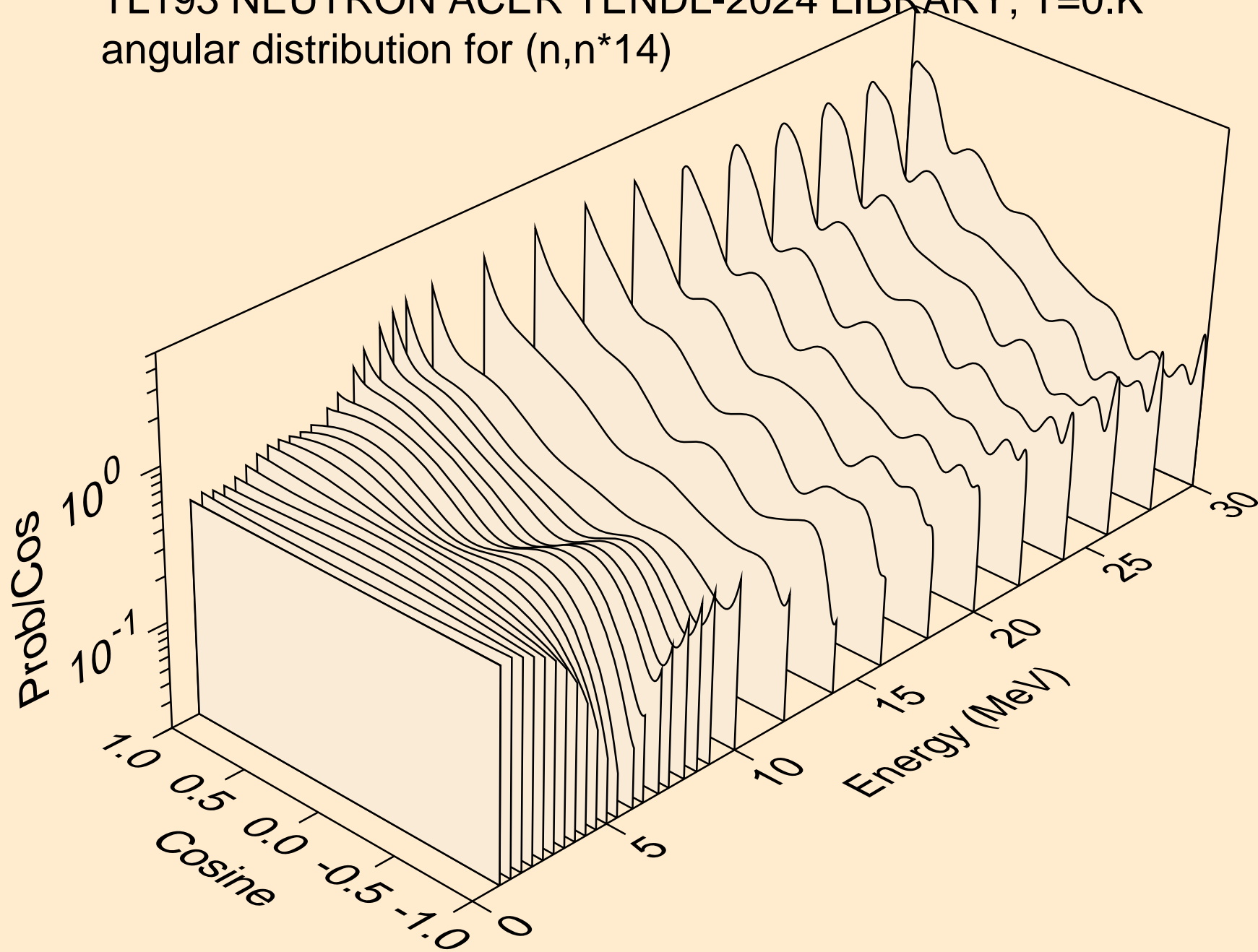
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*12)



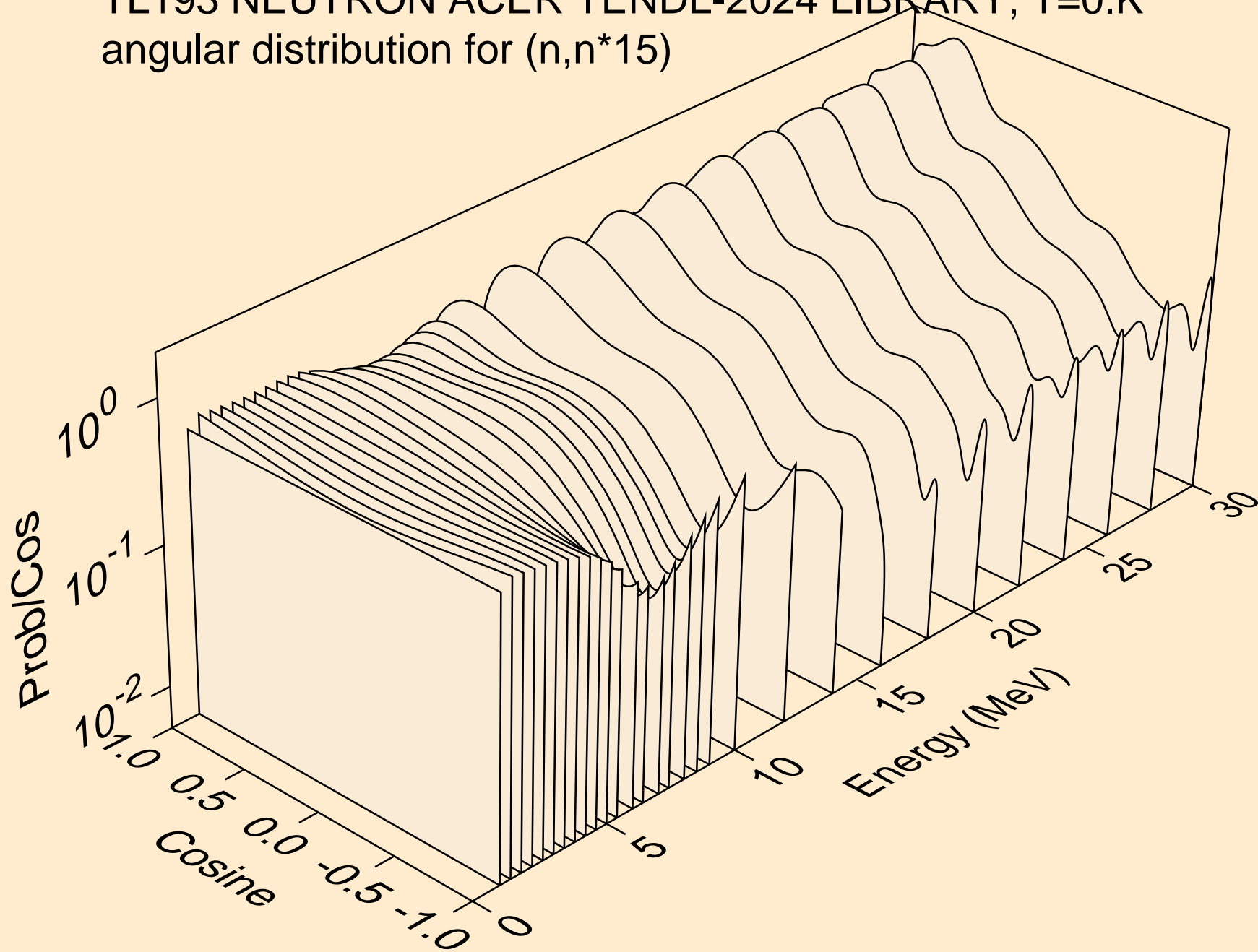
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angular distribution for (n,n*13)



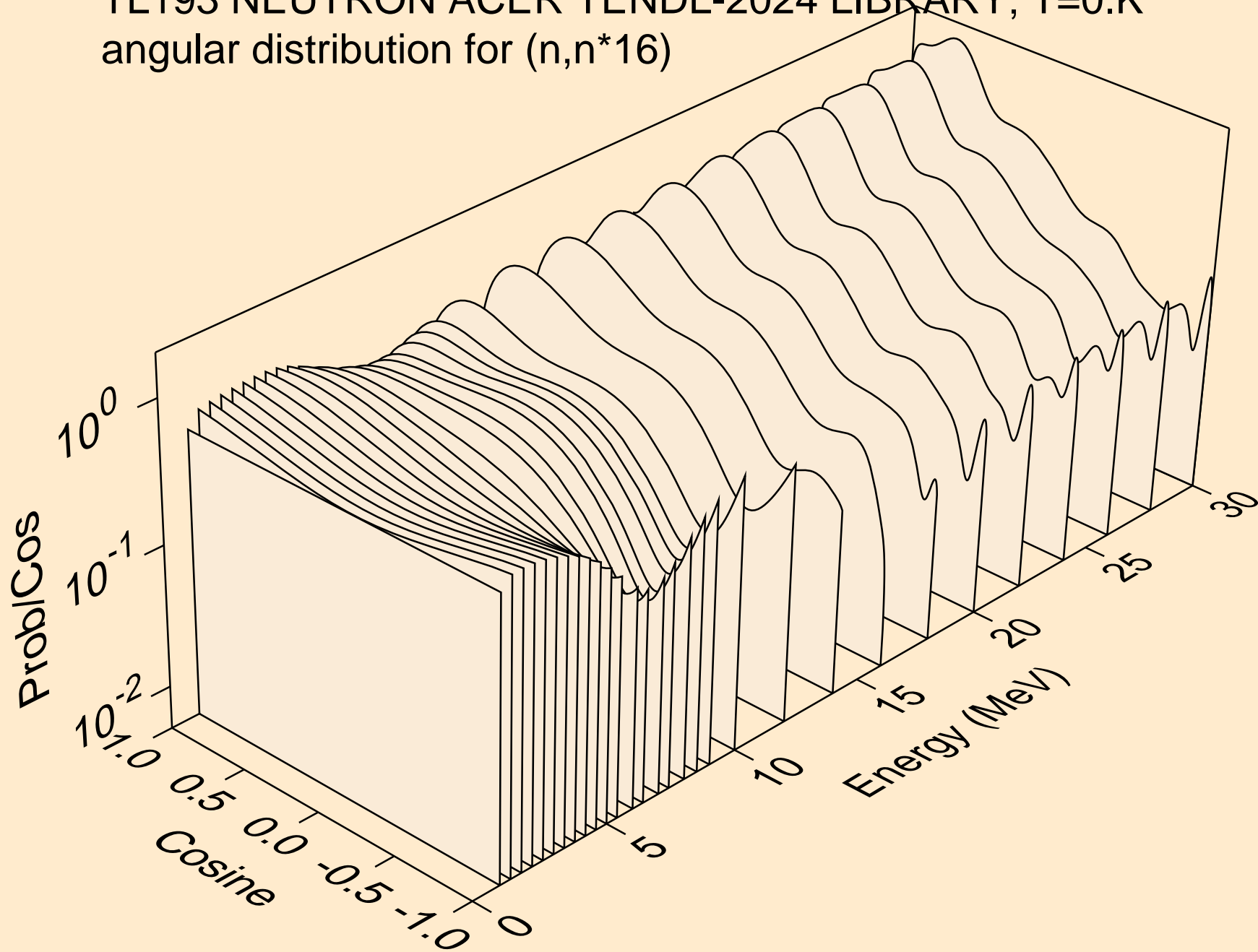
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*14)



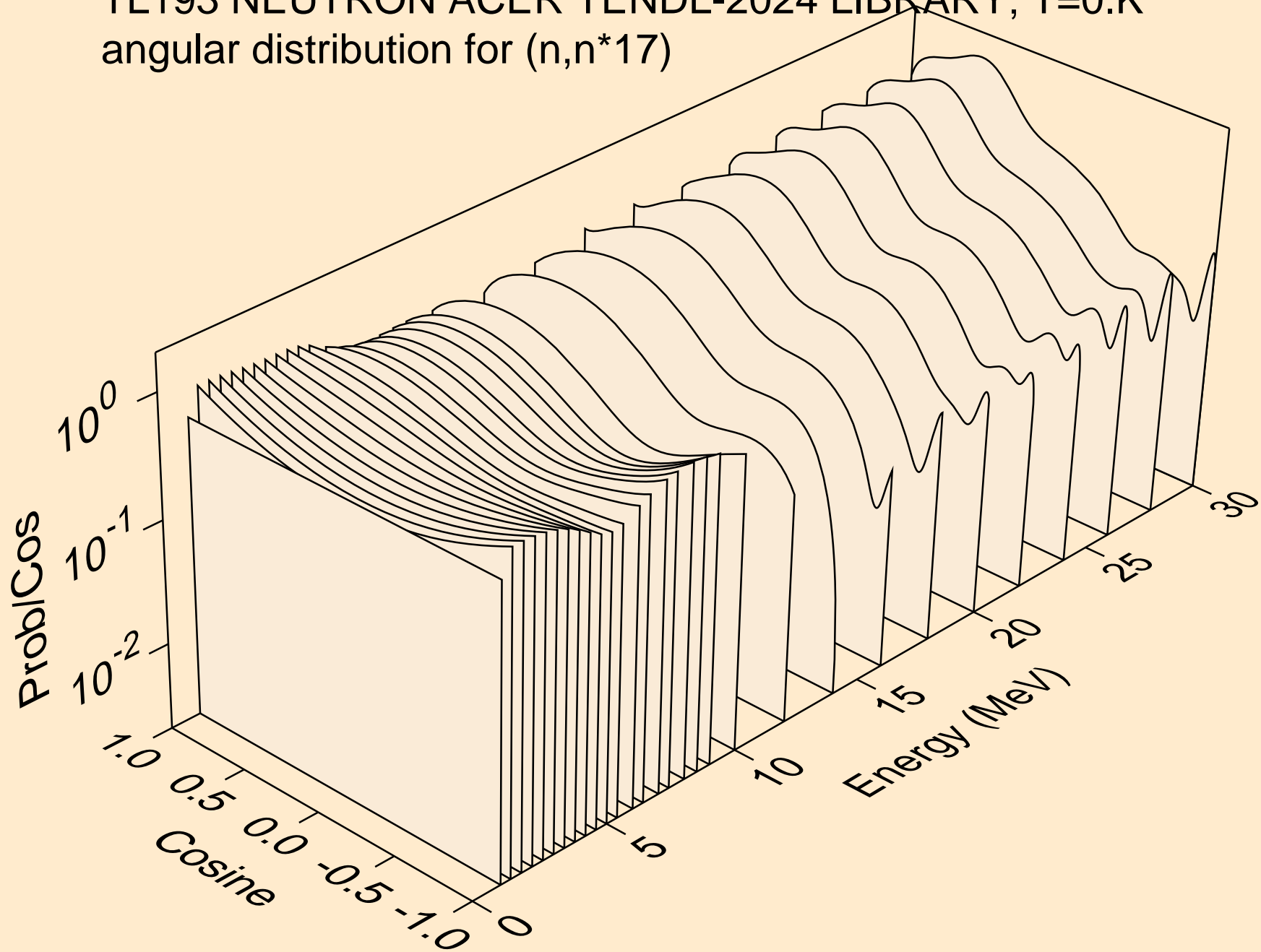
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angular distribution for (n,n*15)



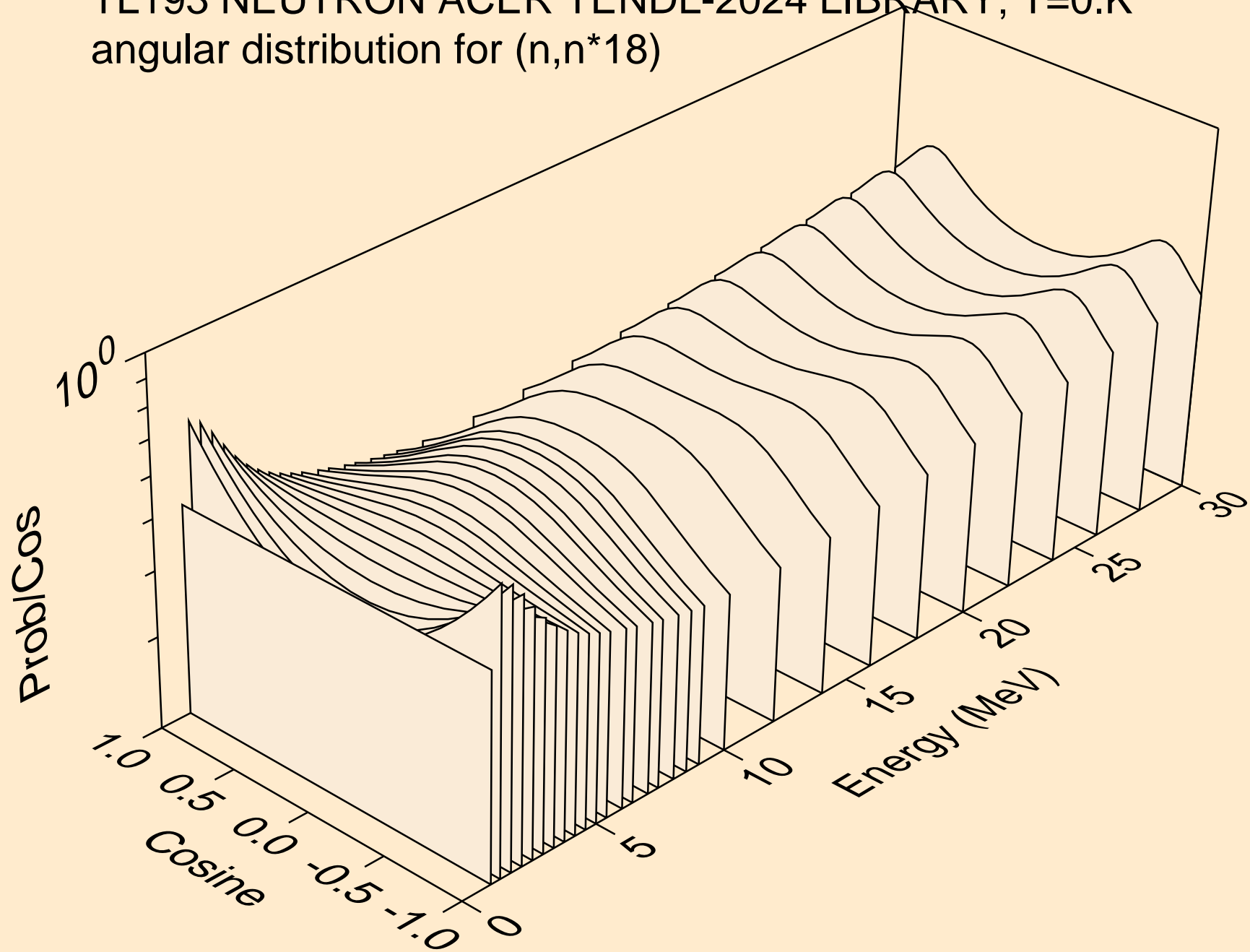
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*16)



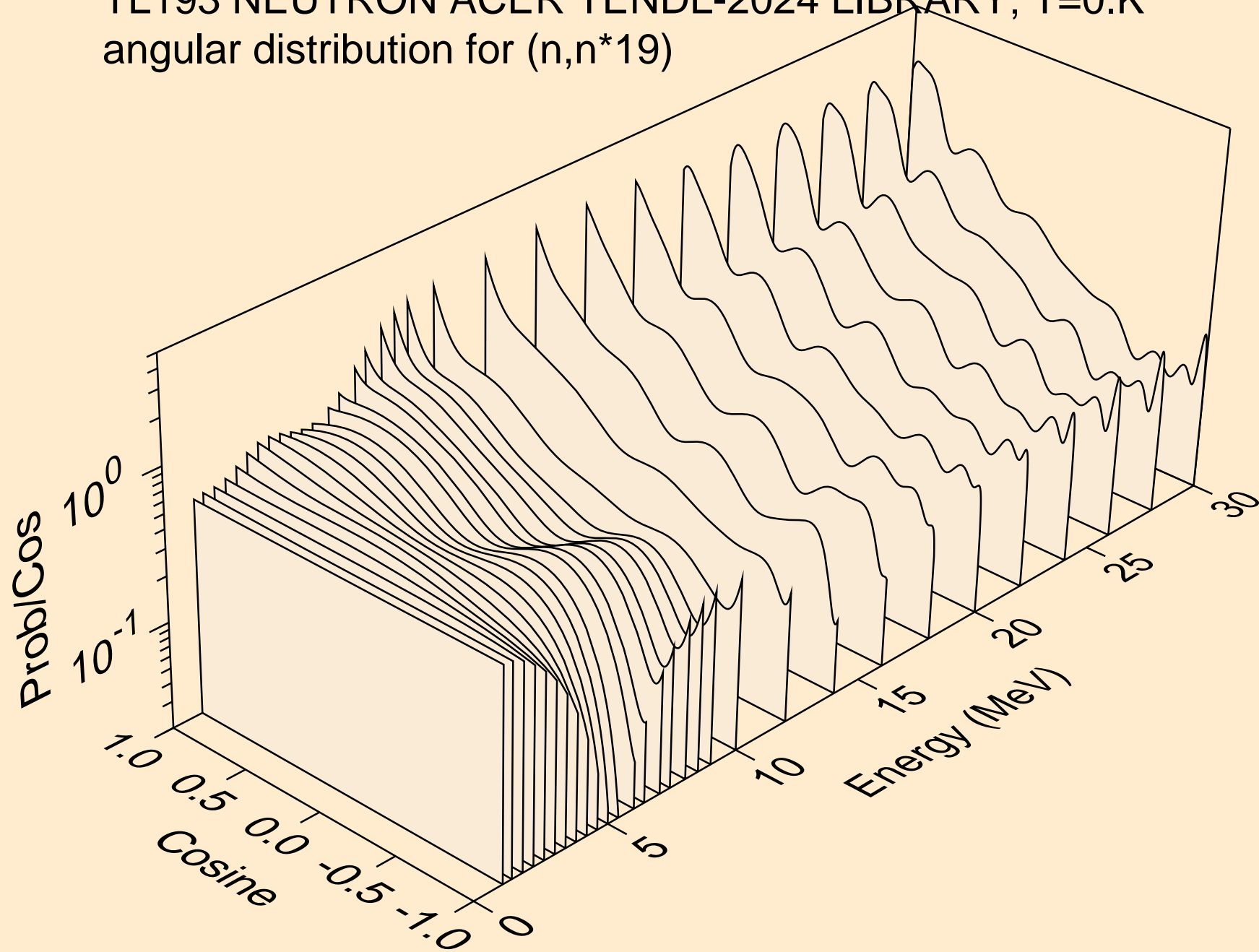
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*17)



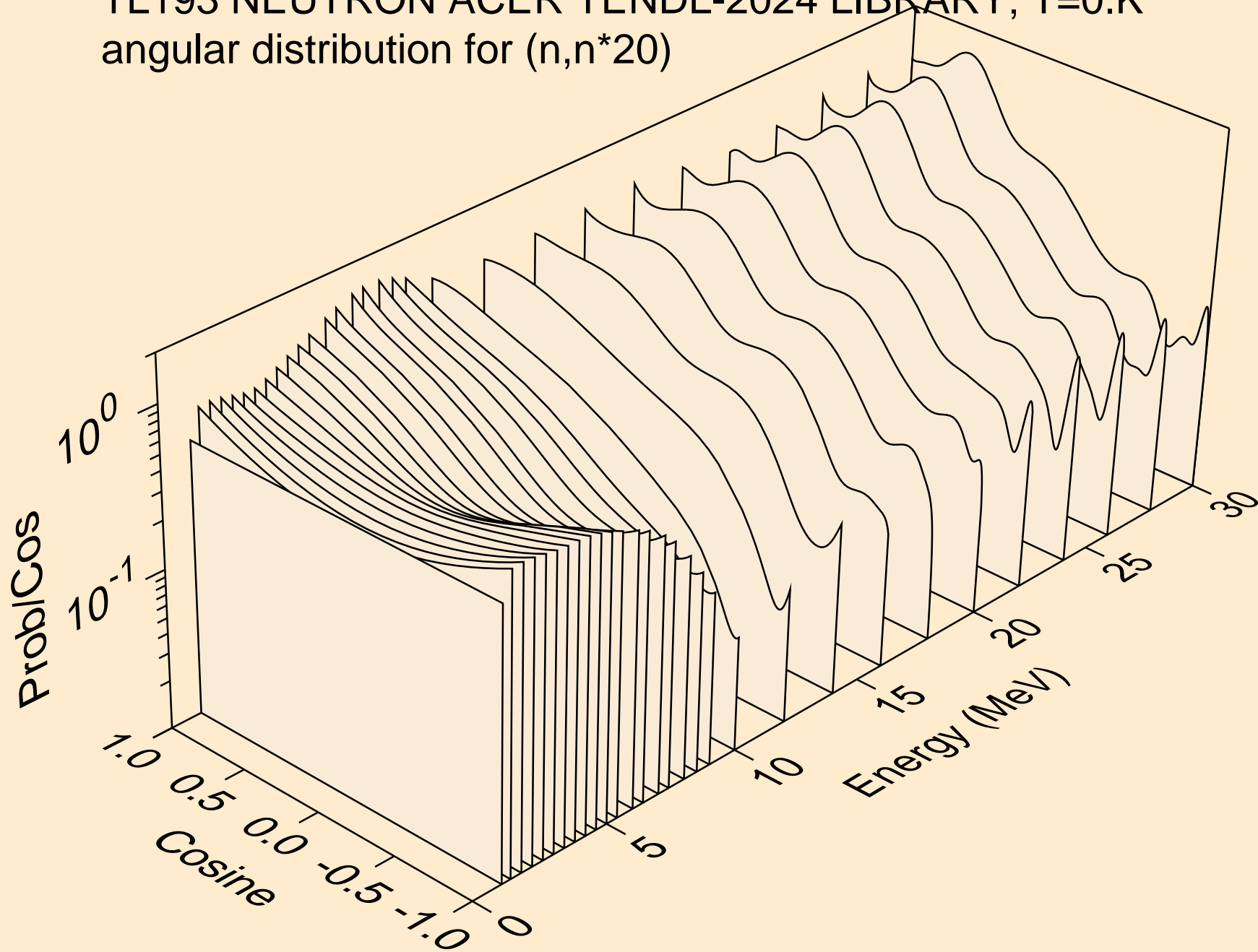
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*18)



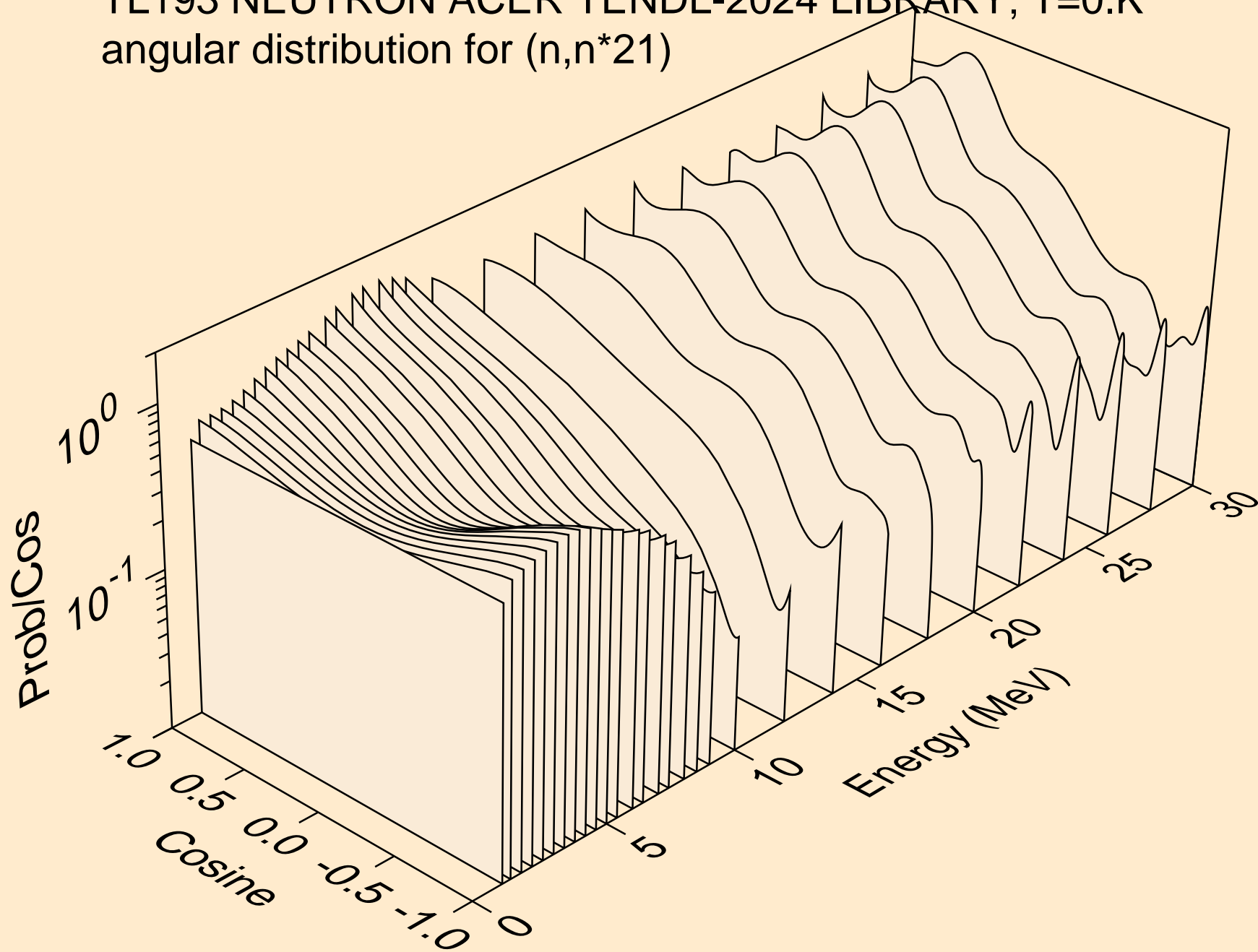
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*19)



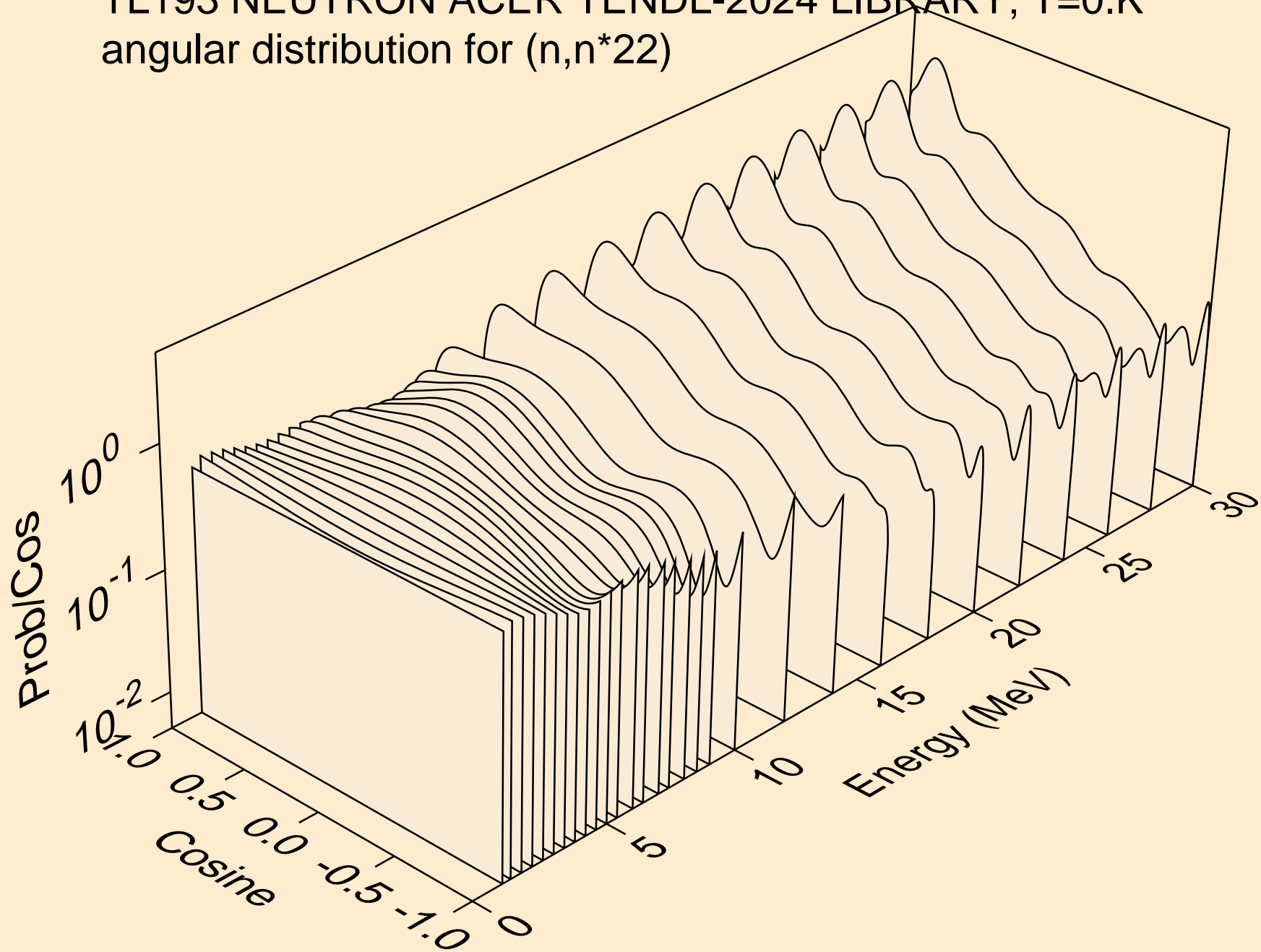
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*20)



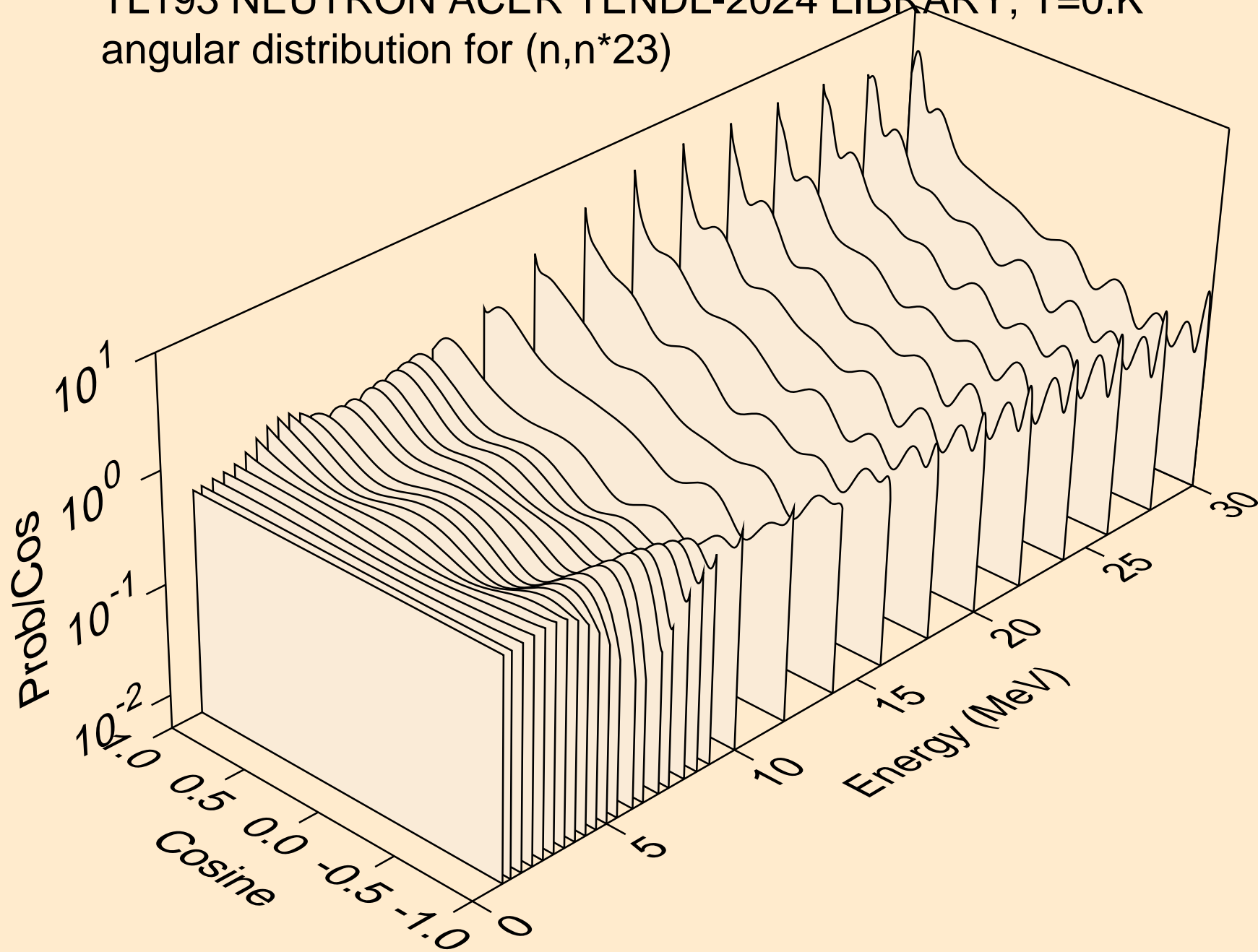
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angular distribution for (n,n*21)



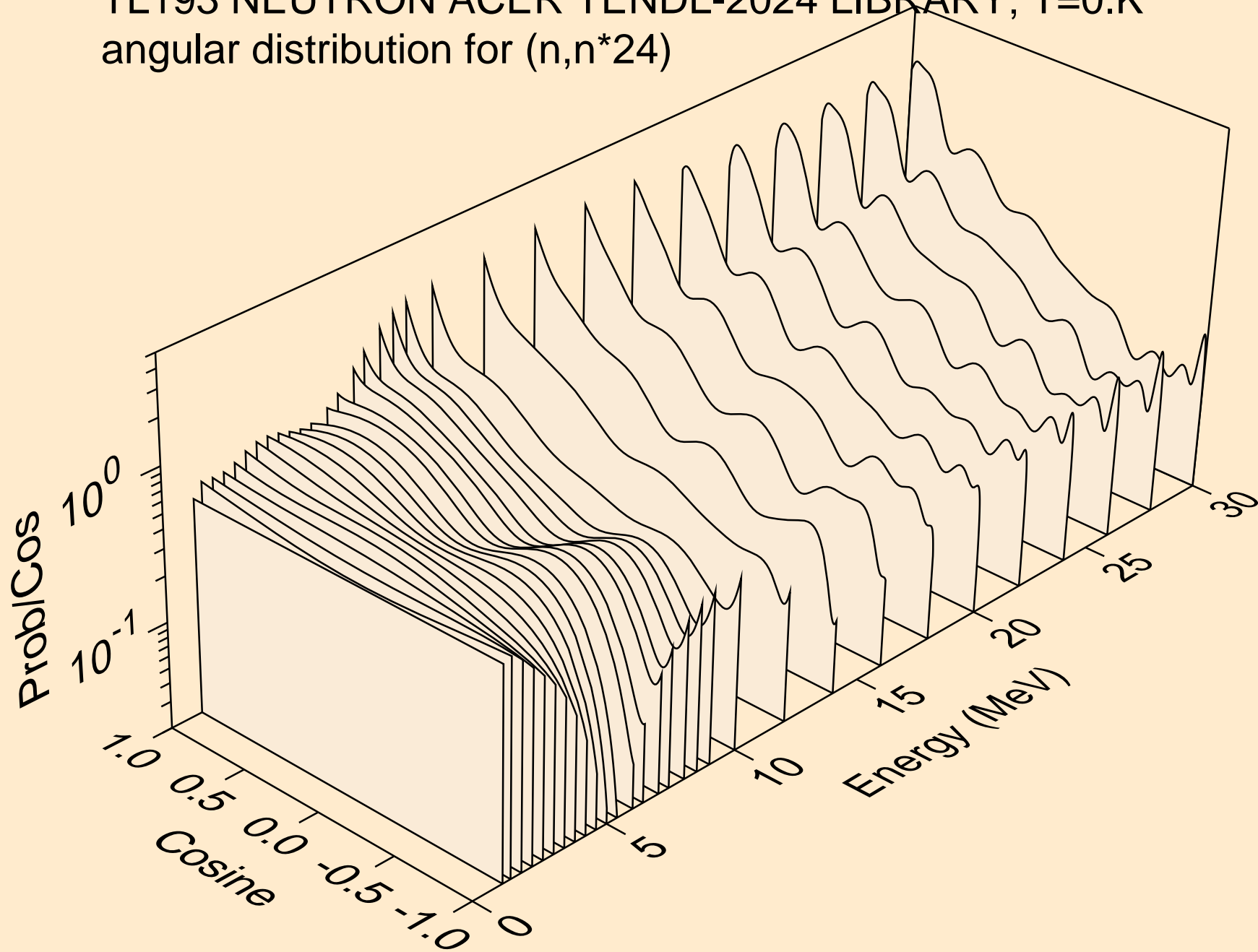
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angular distribution for (n,n*22)



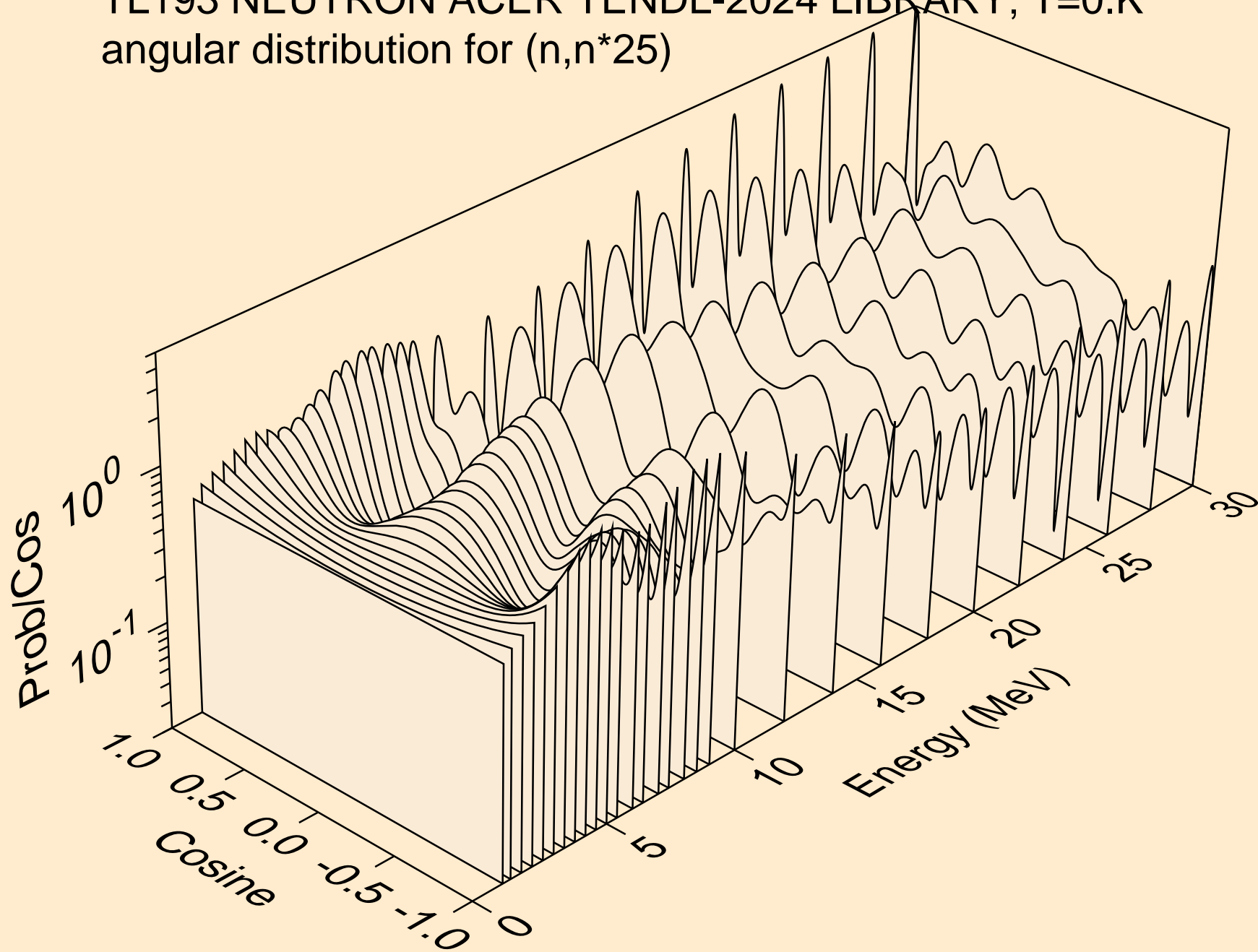
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angular distribution for (n,n*23)



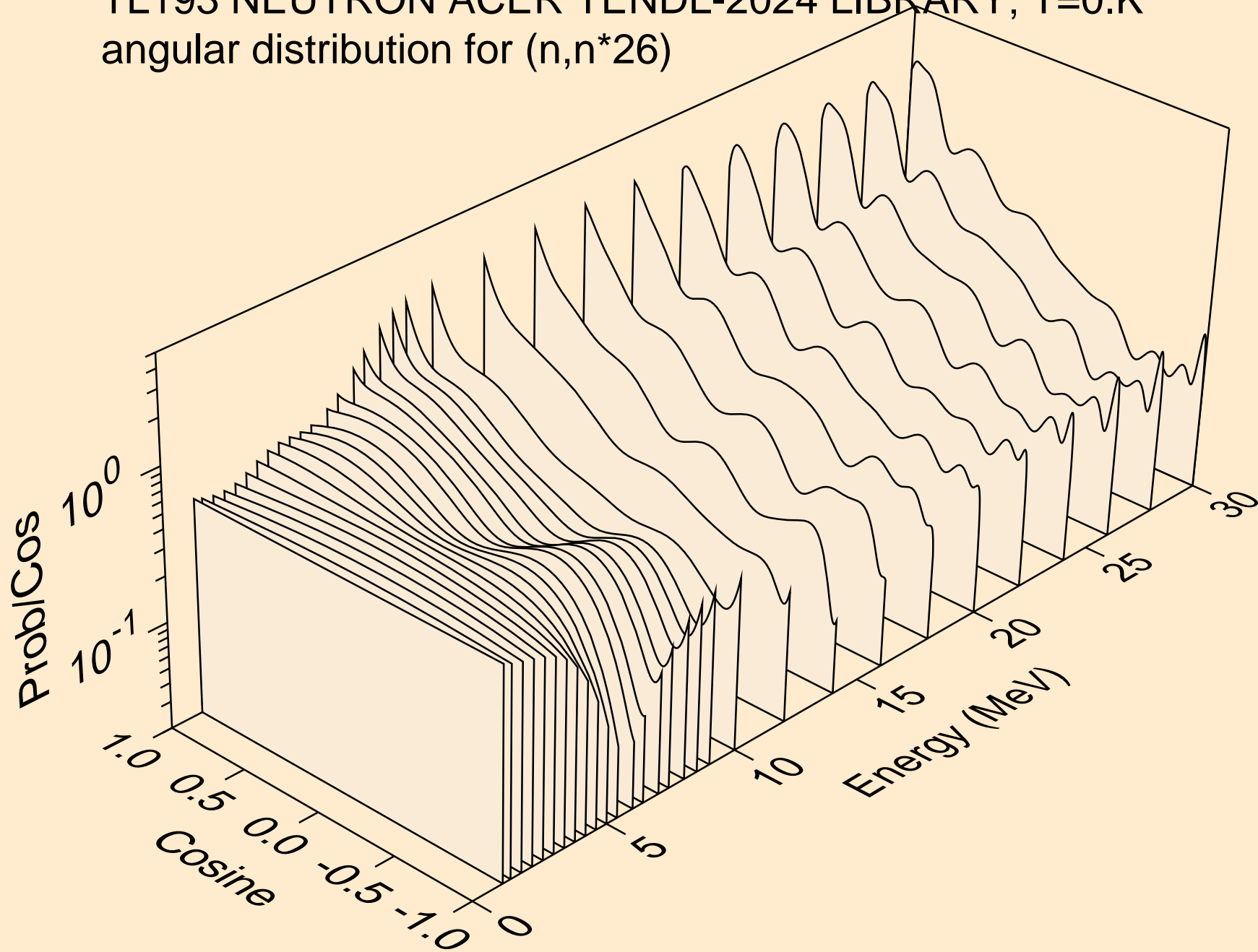
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*24)



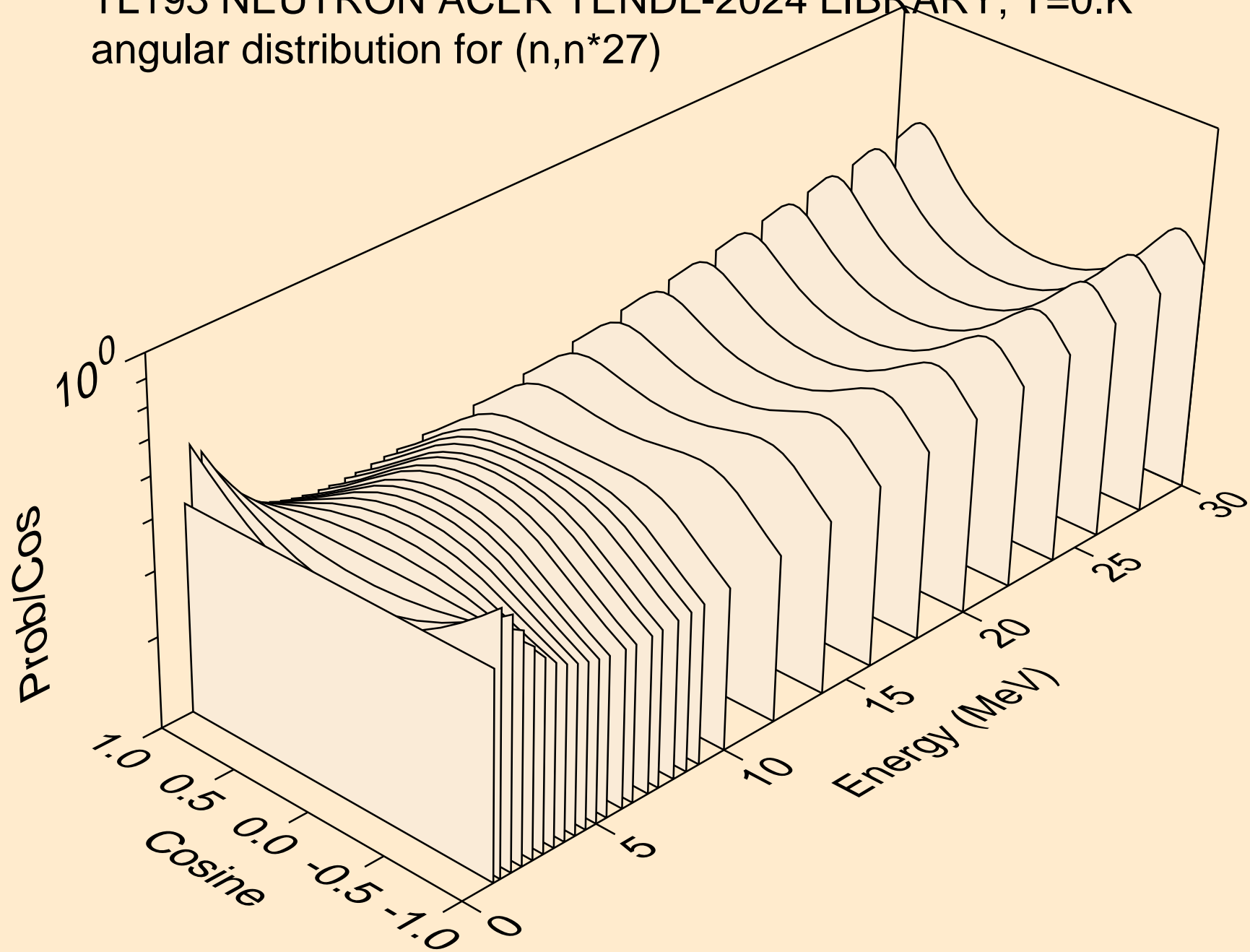
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*25)



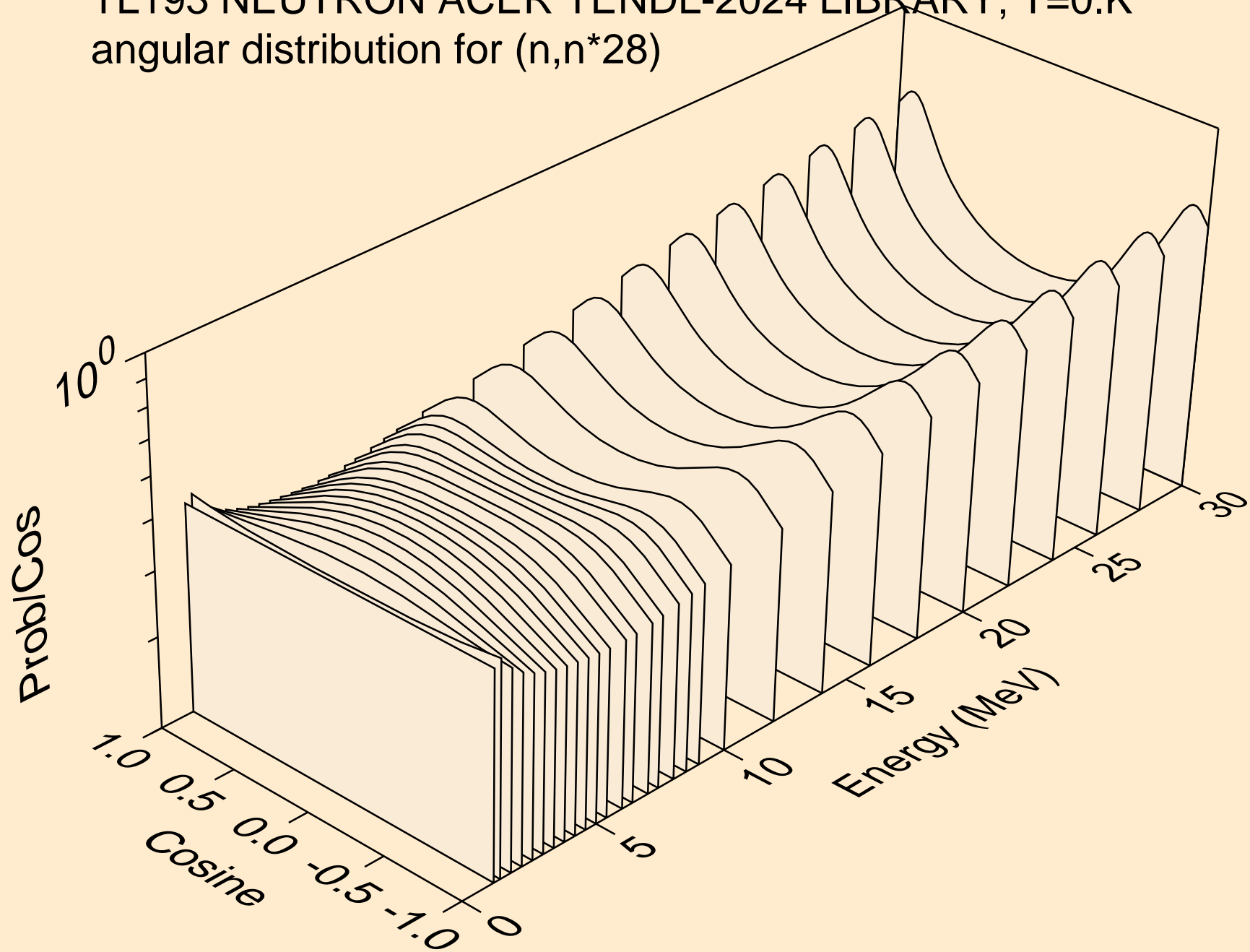
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*26)



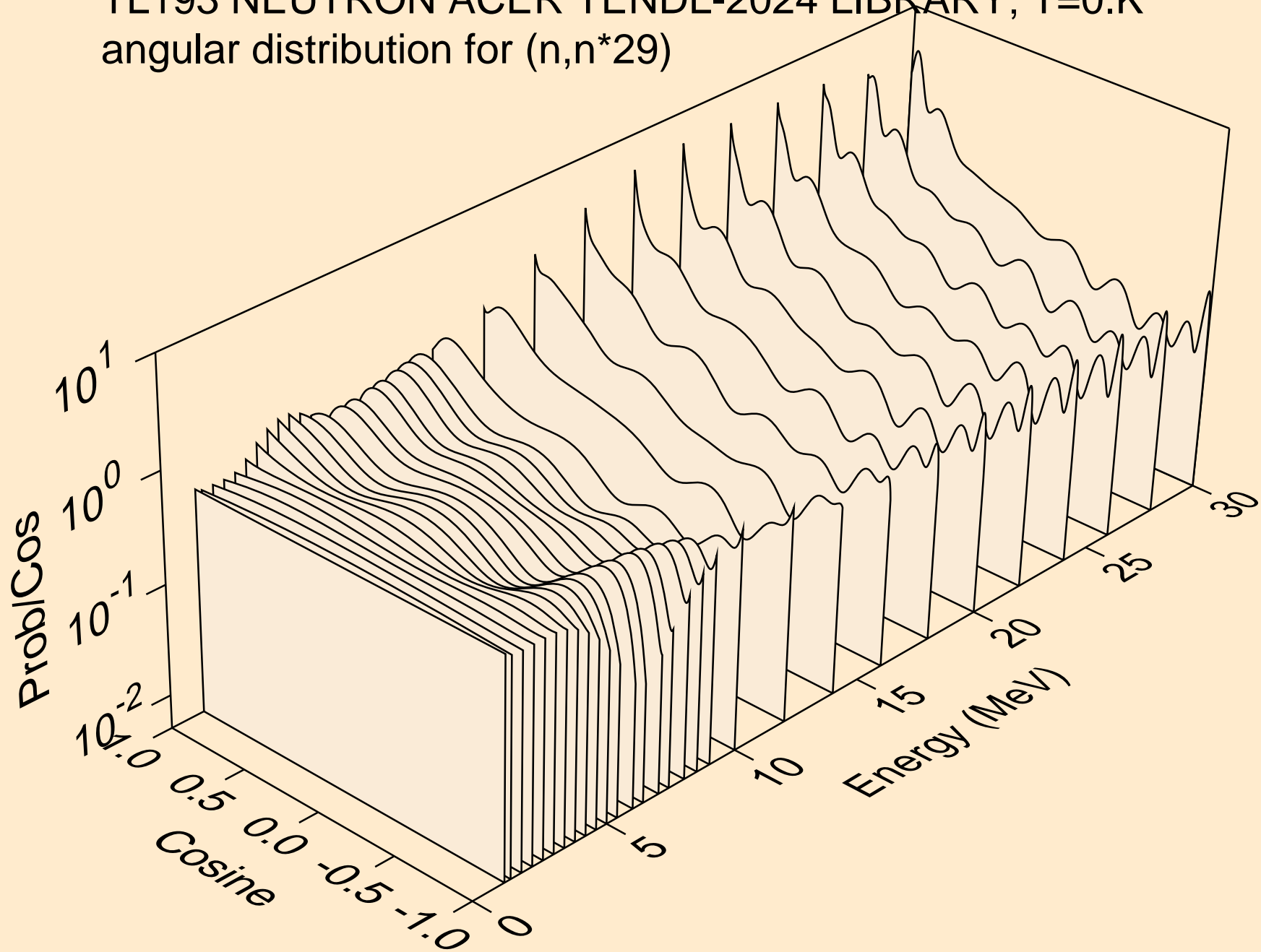
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*27)



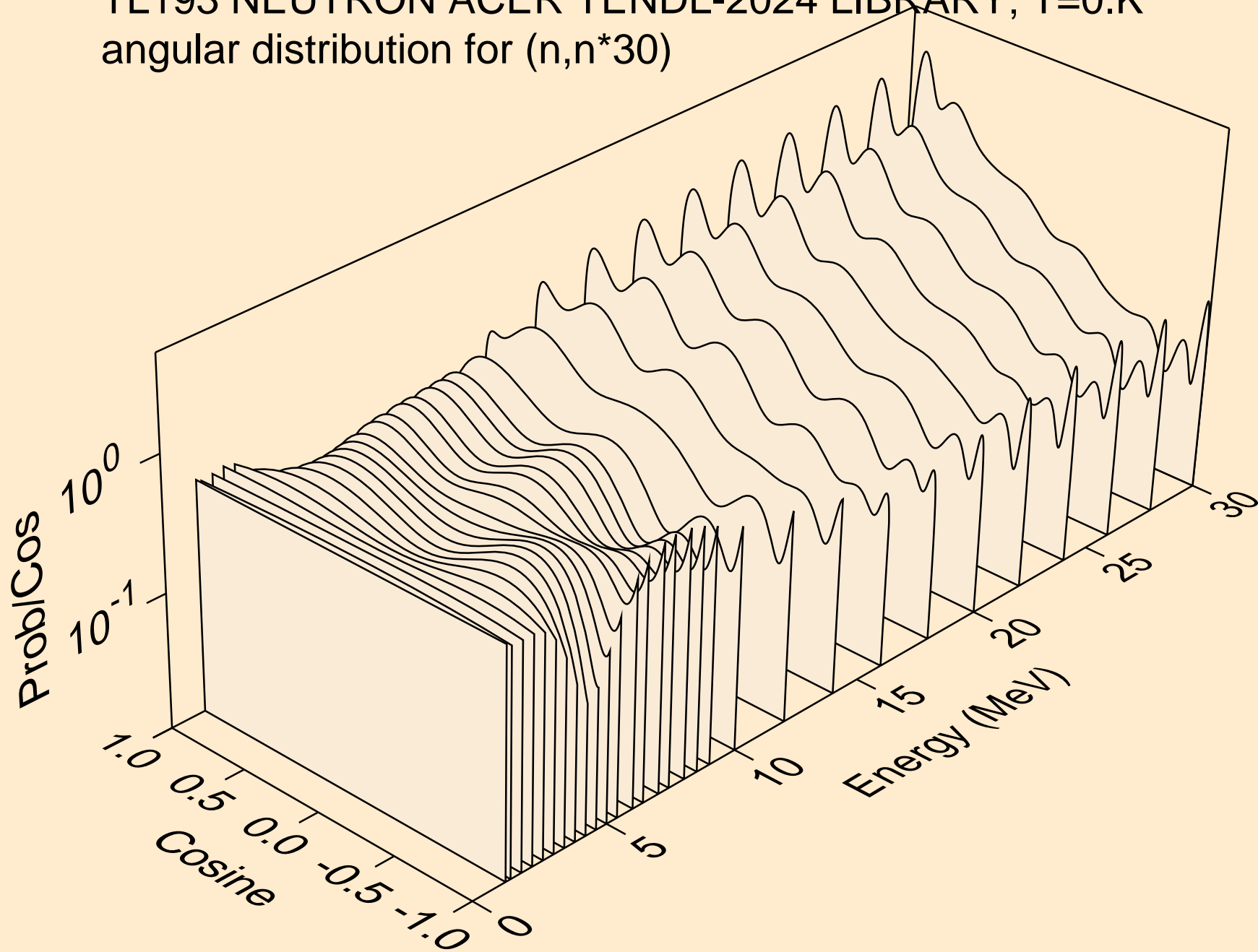
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*28)



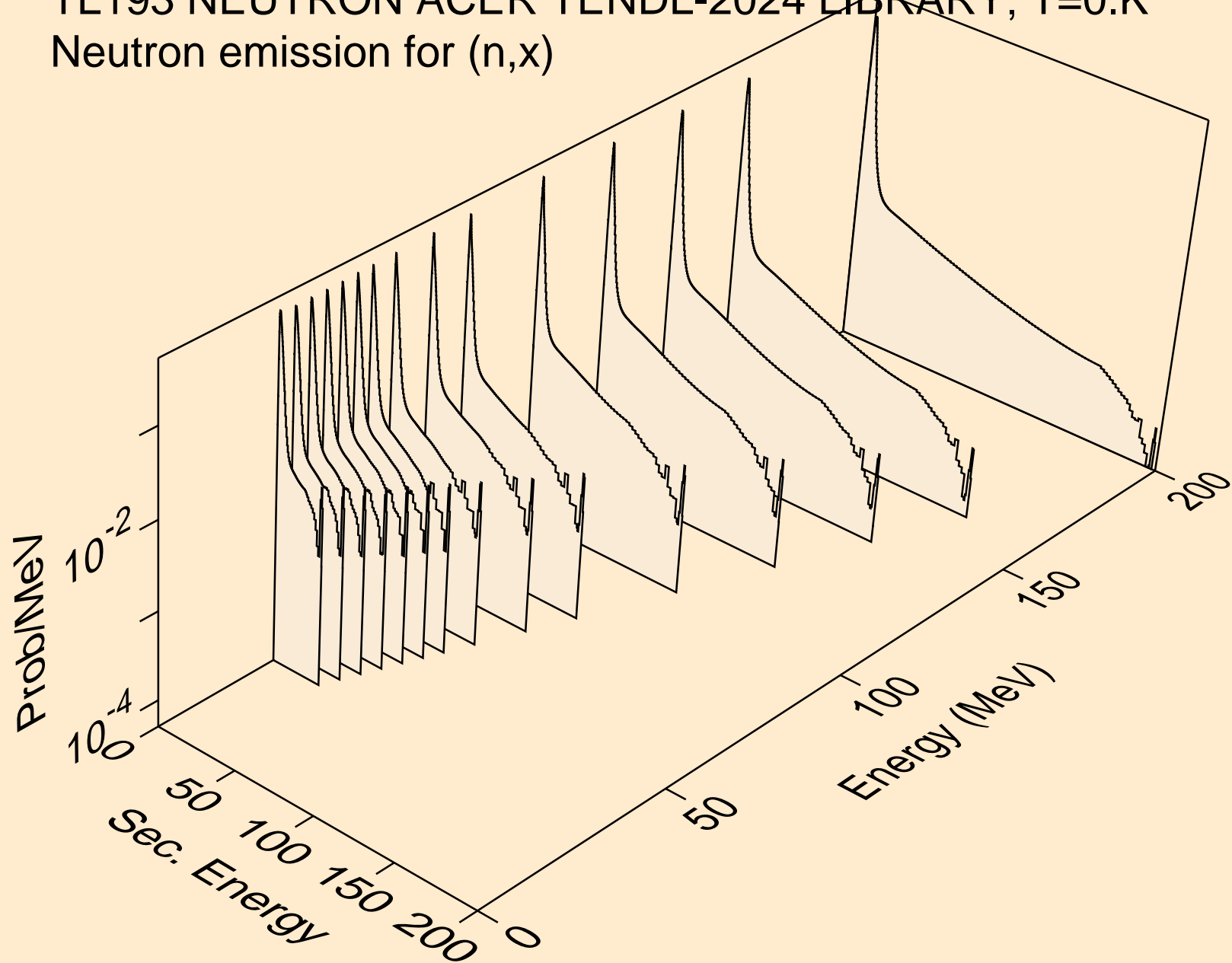
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*29)



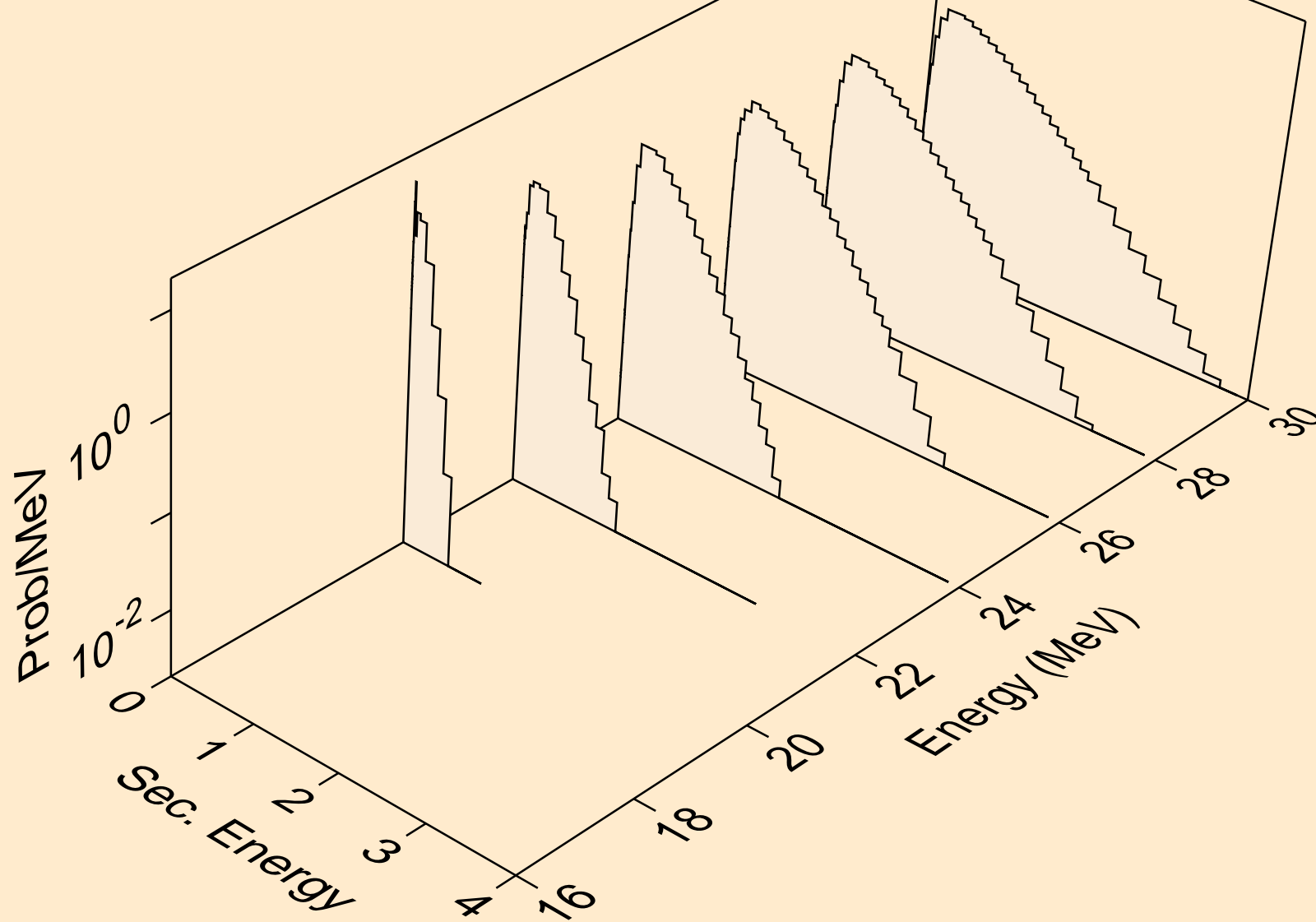
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*30)



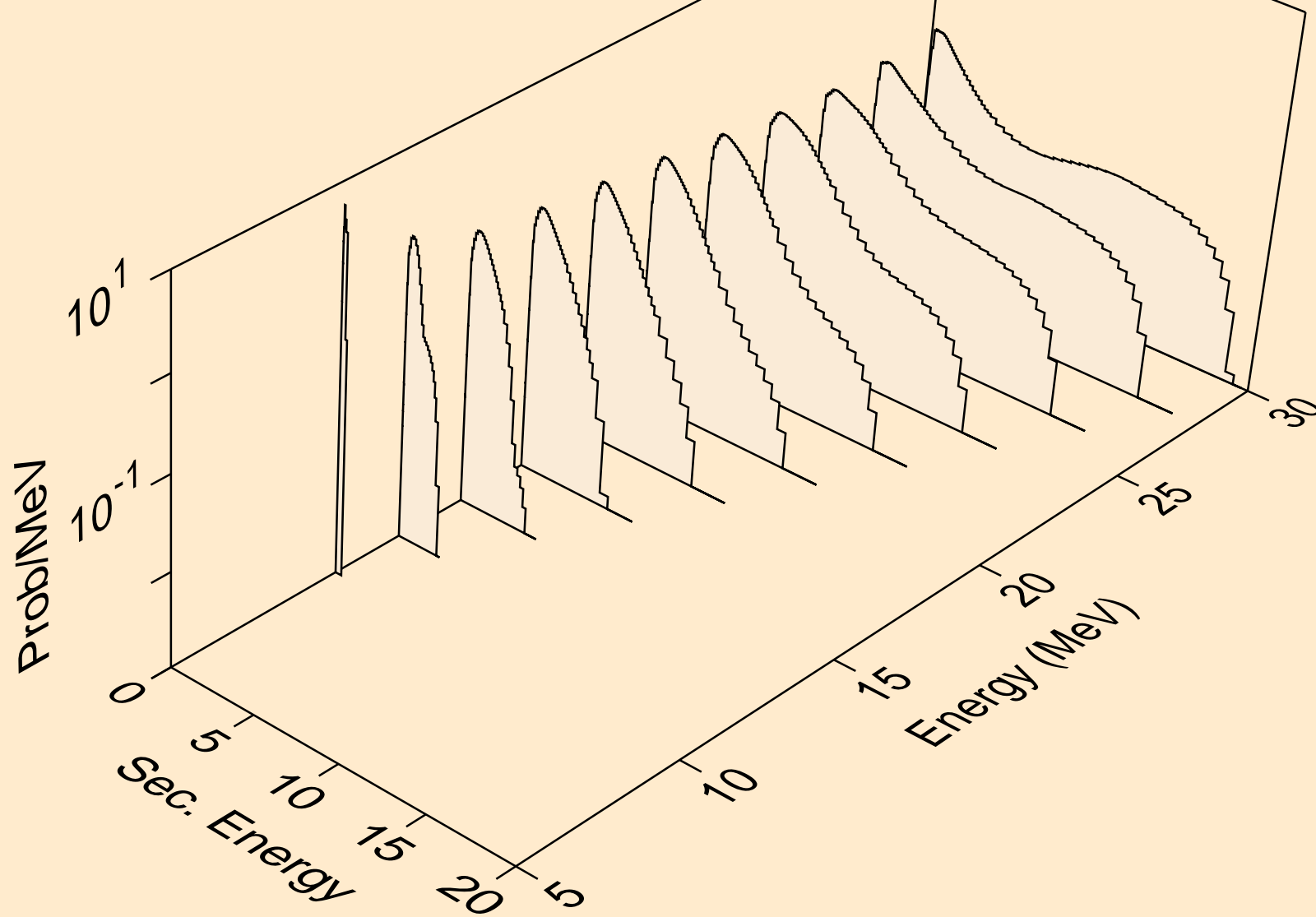
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



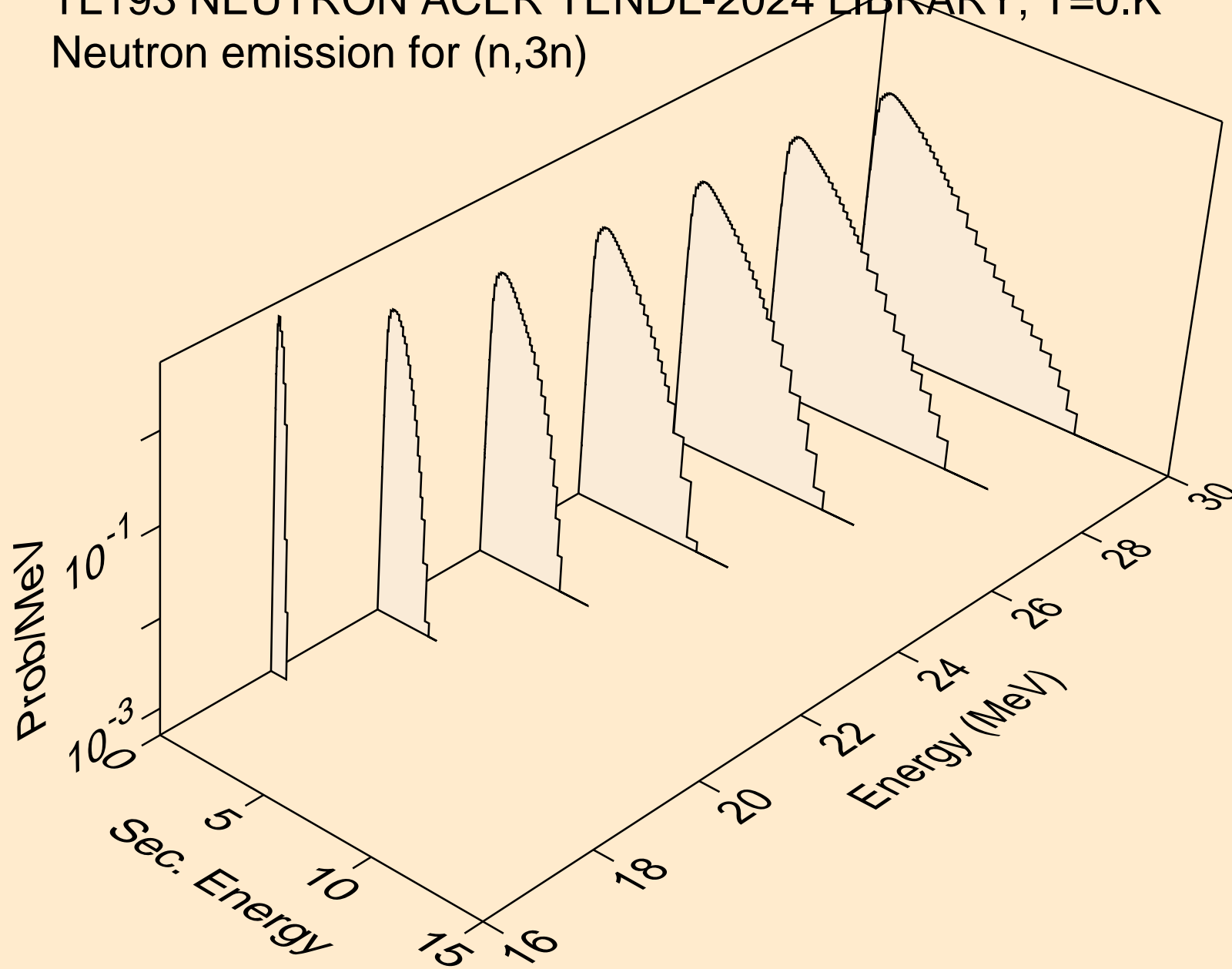
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



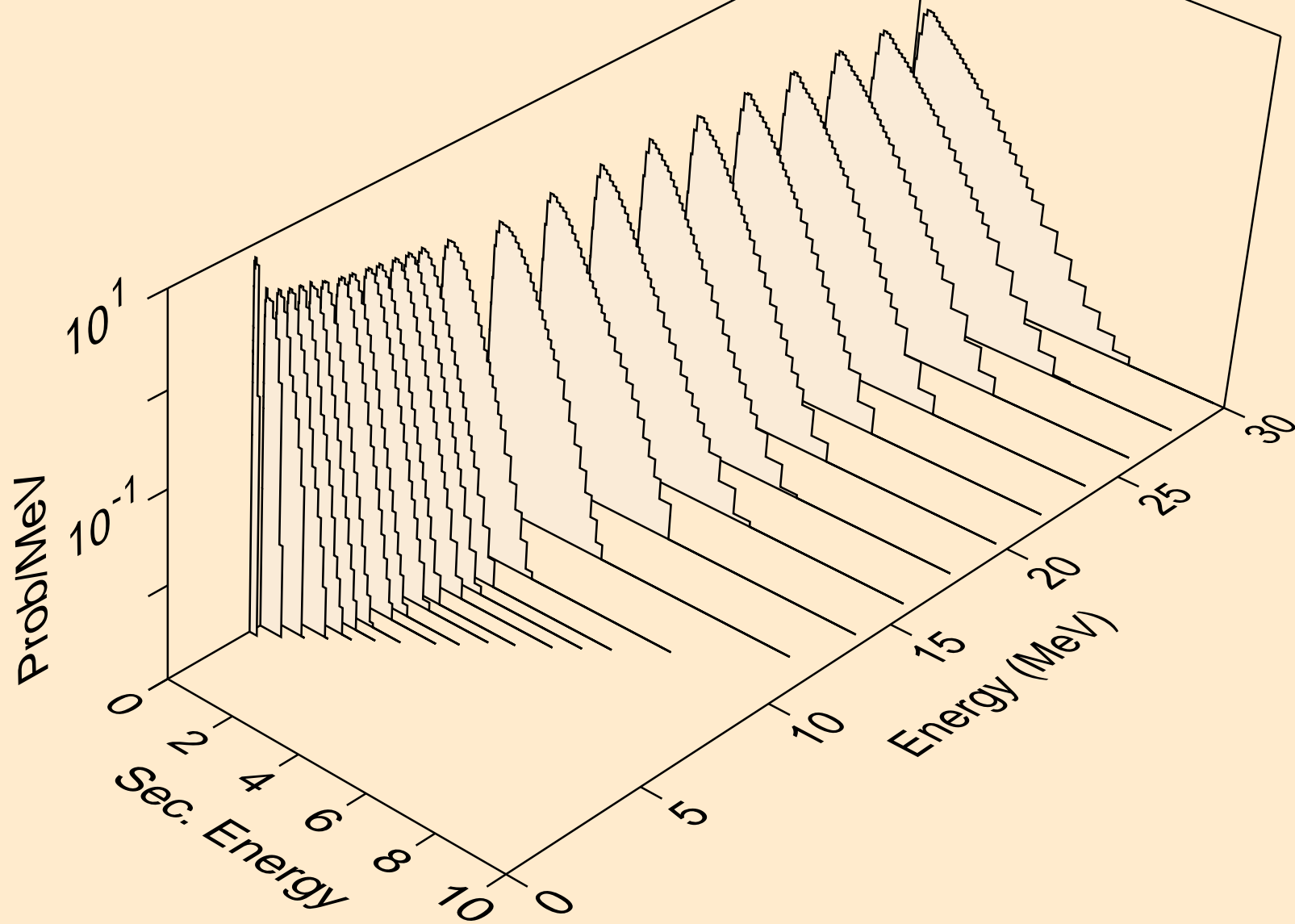
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



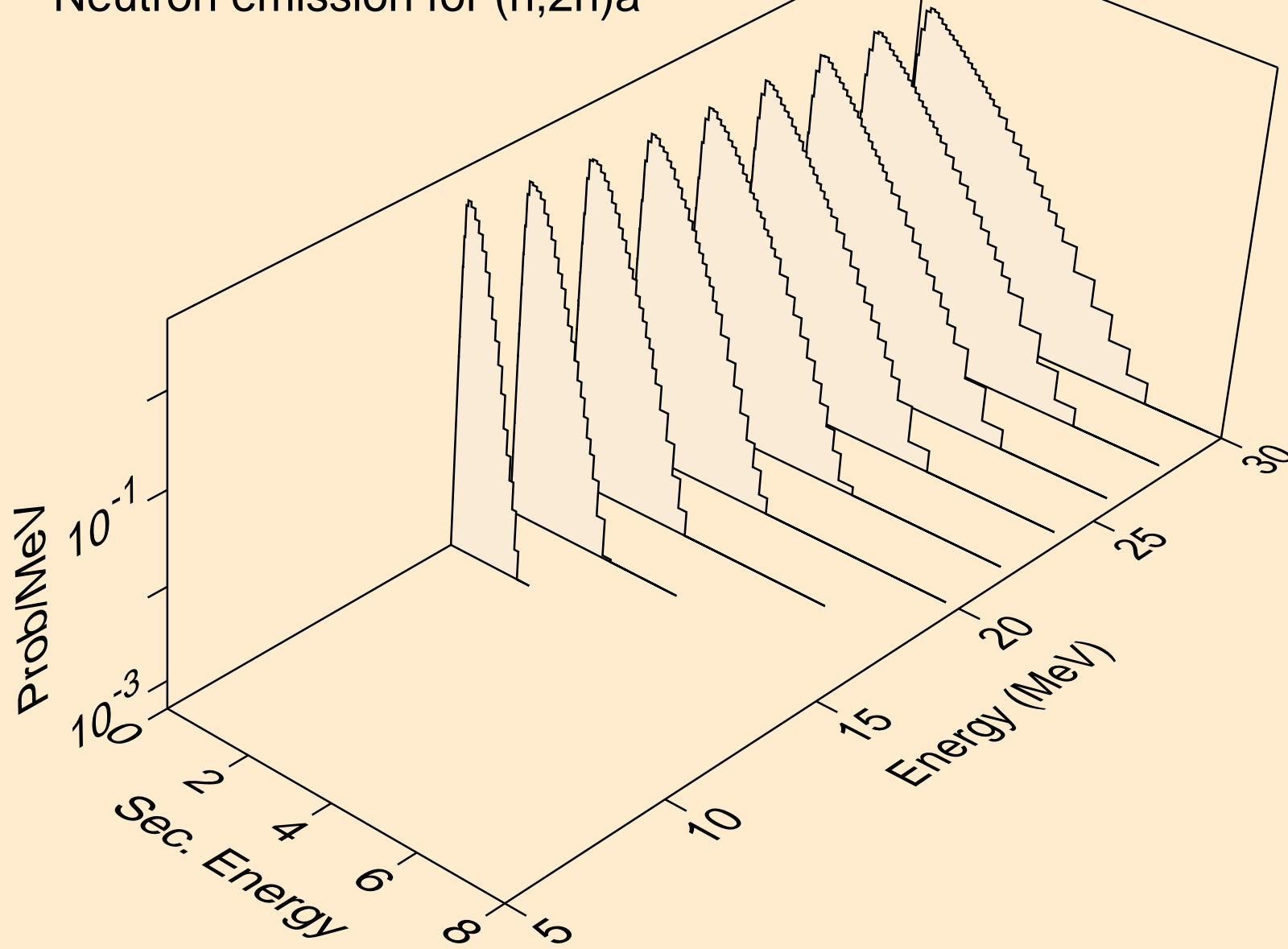
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



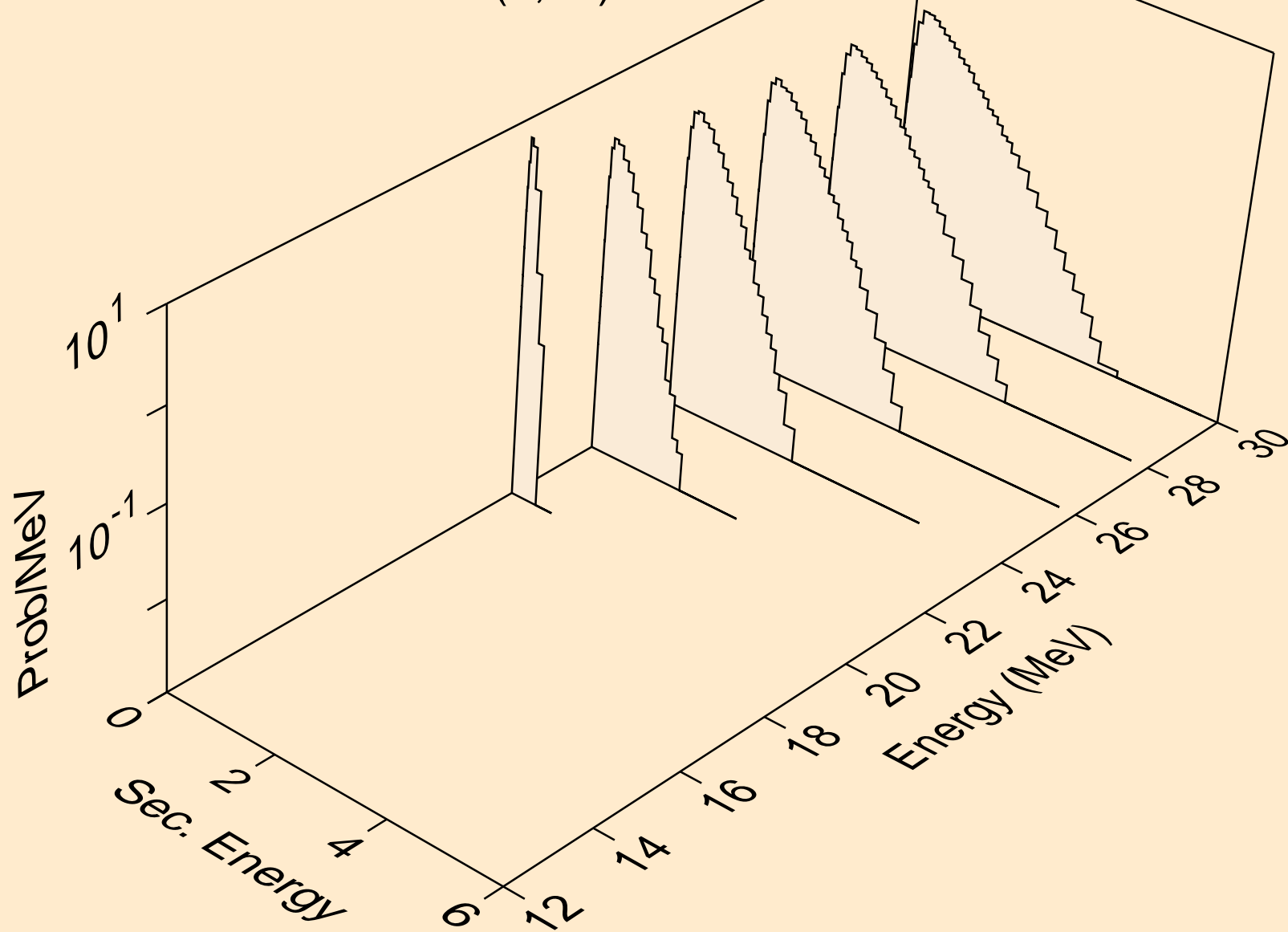
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



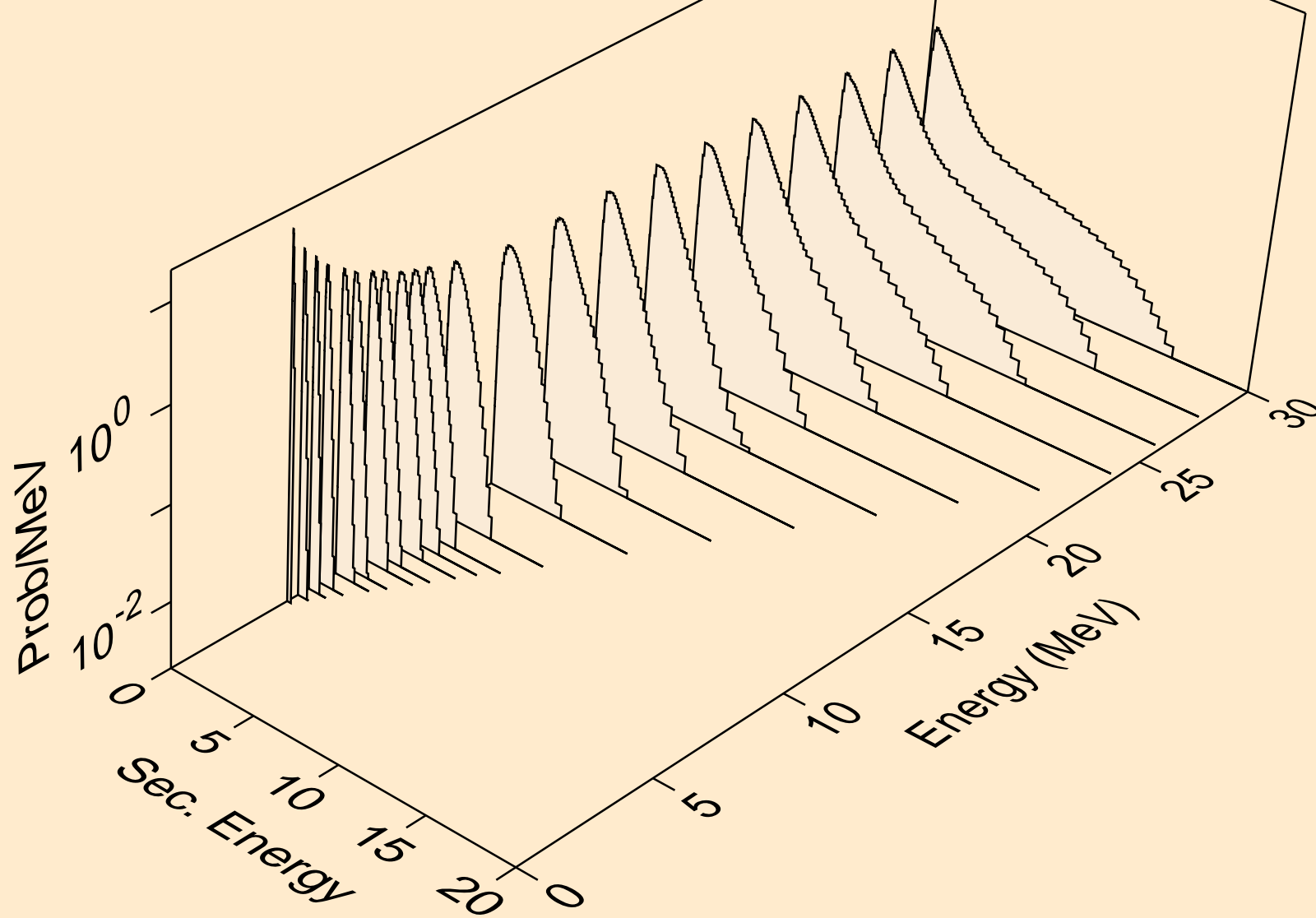
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)a



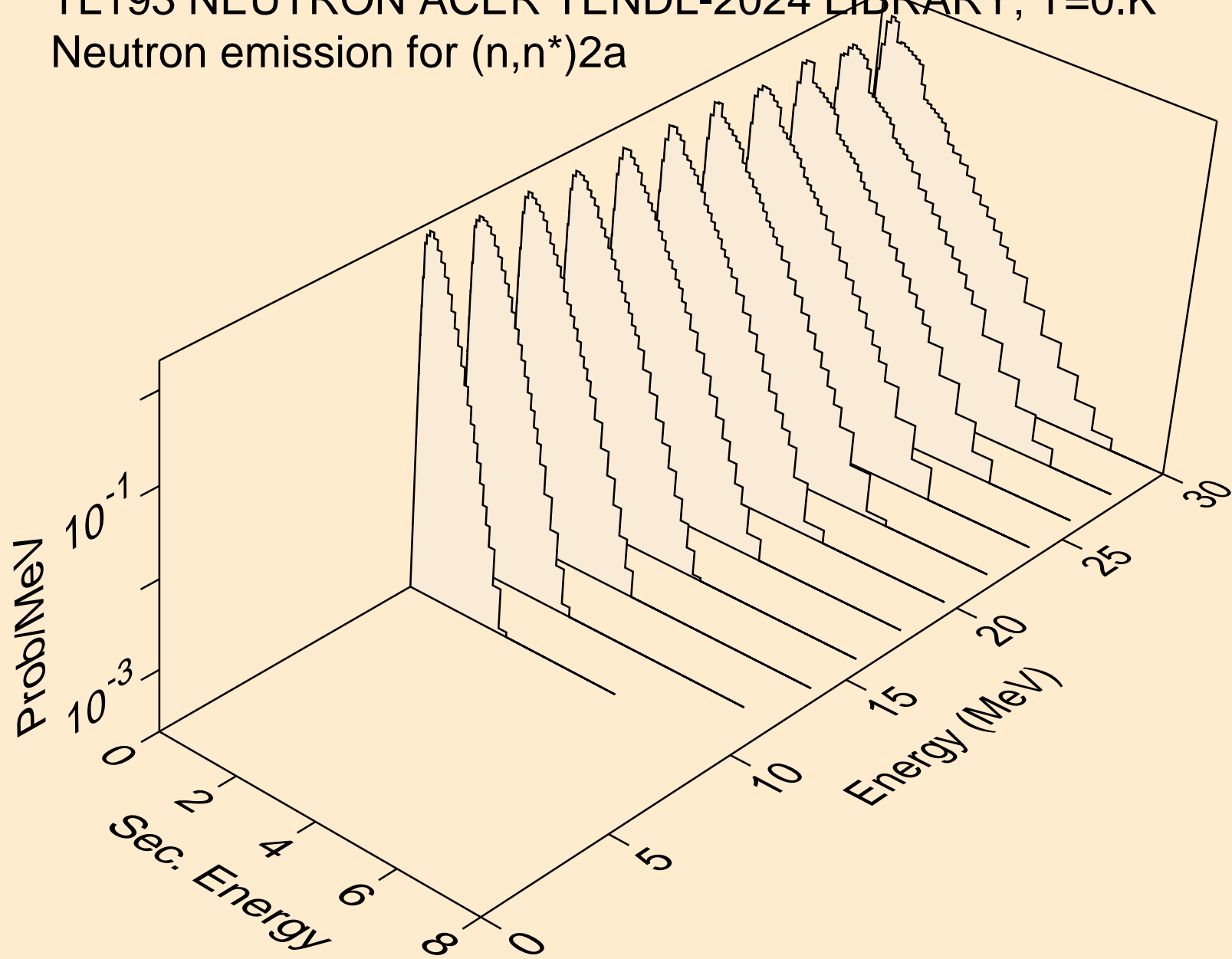
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



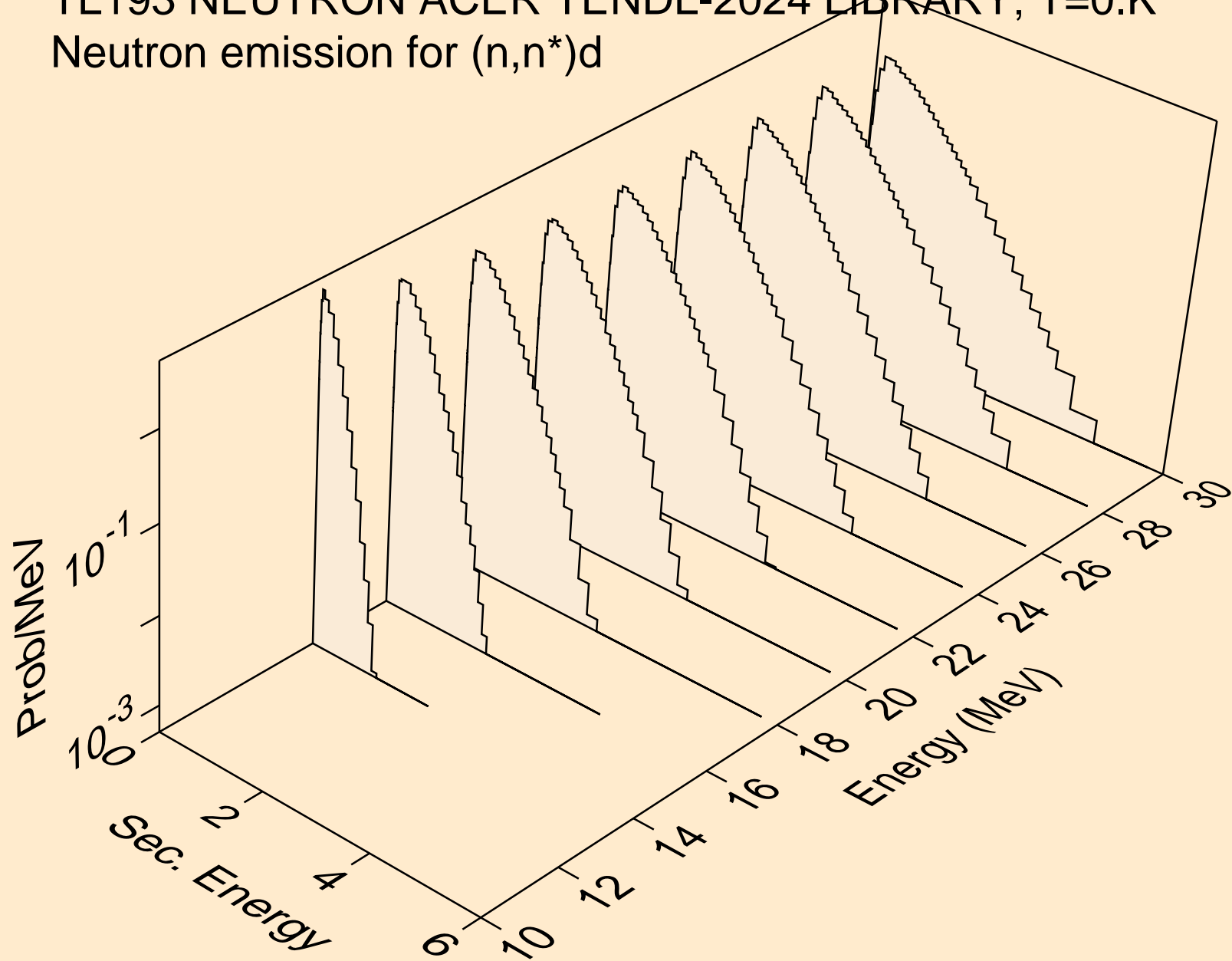
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



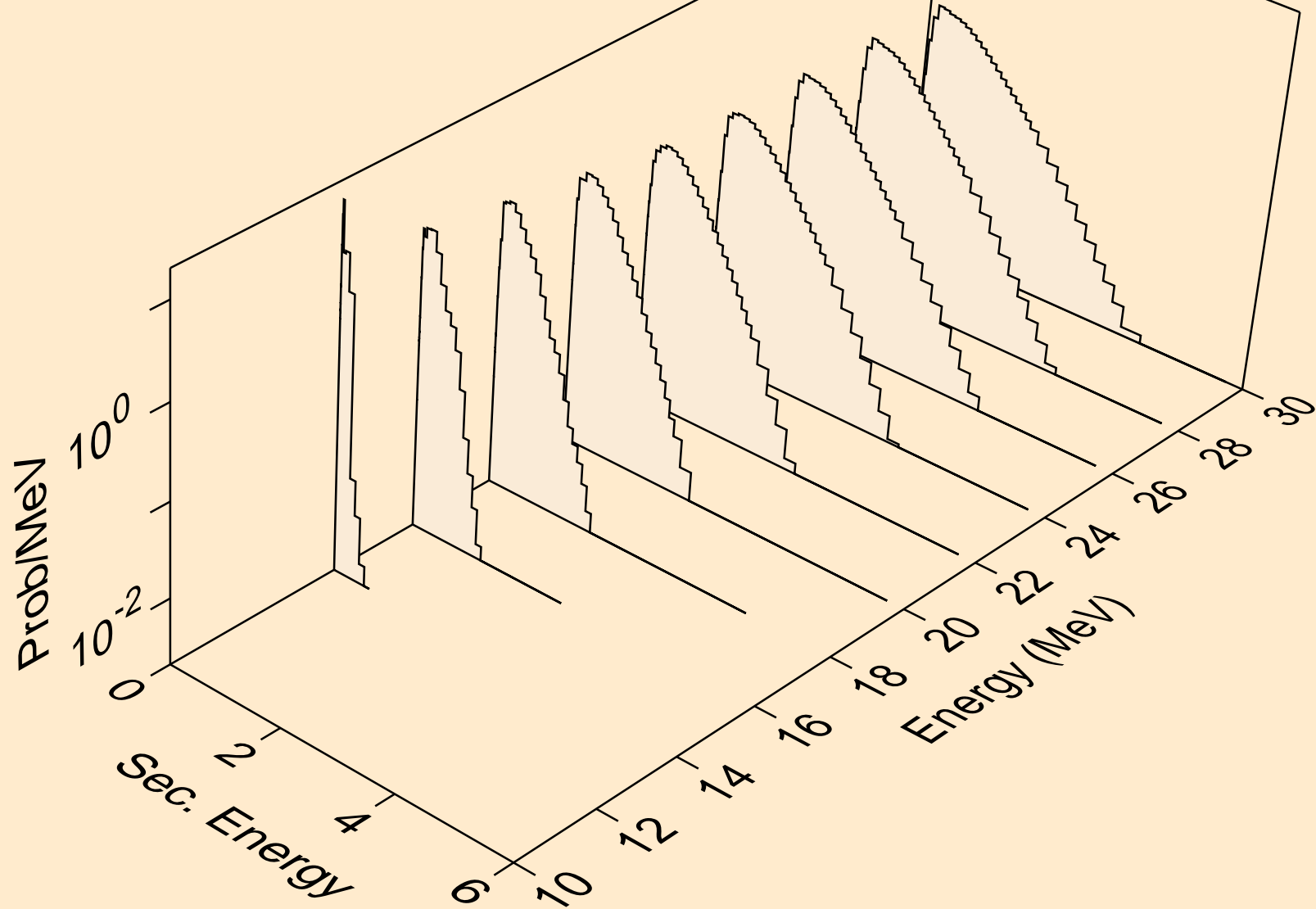
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



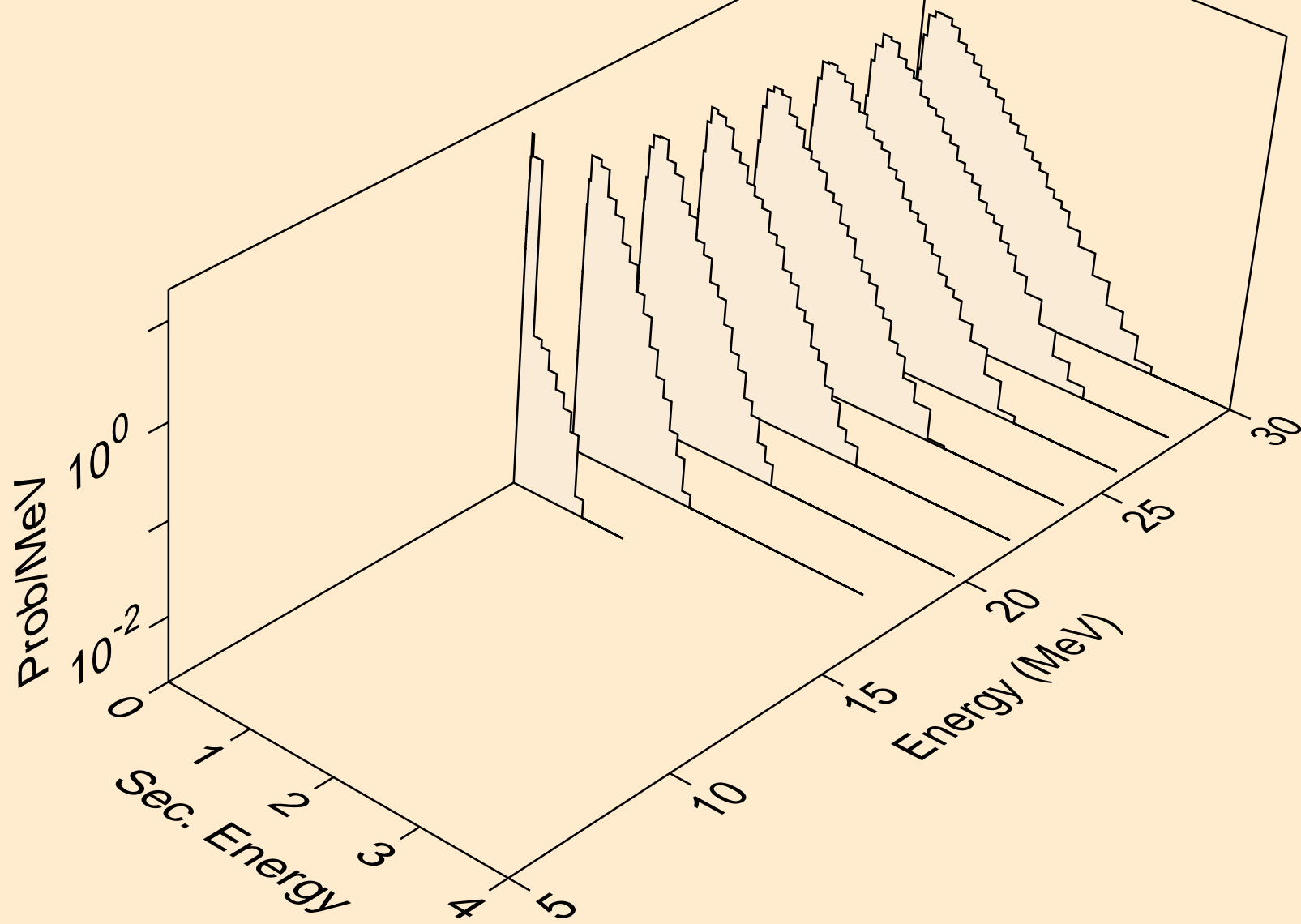
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



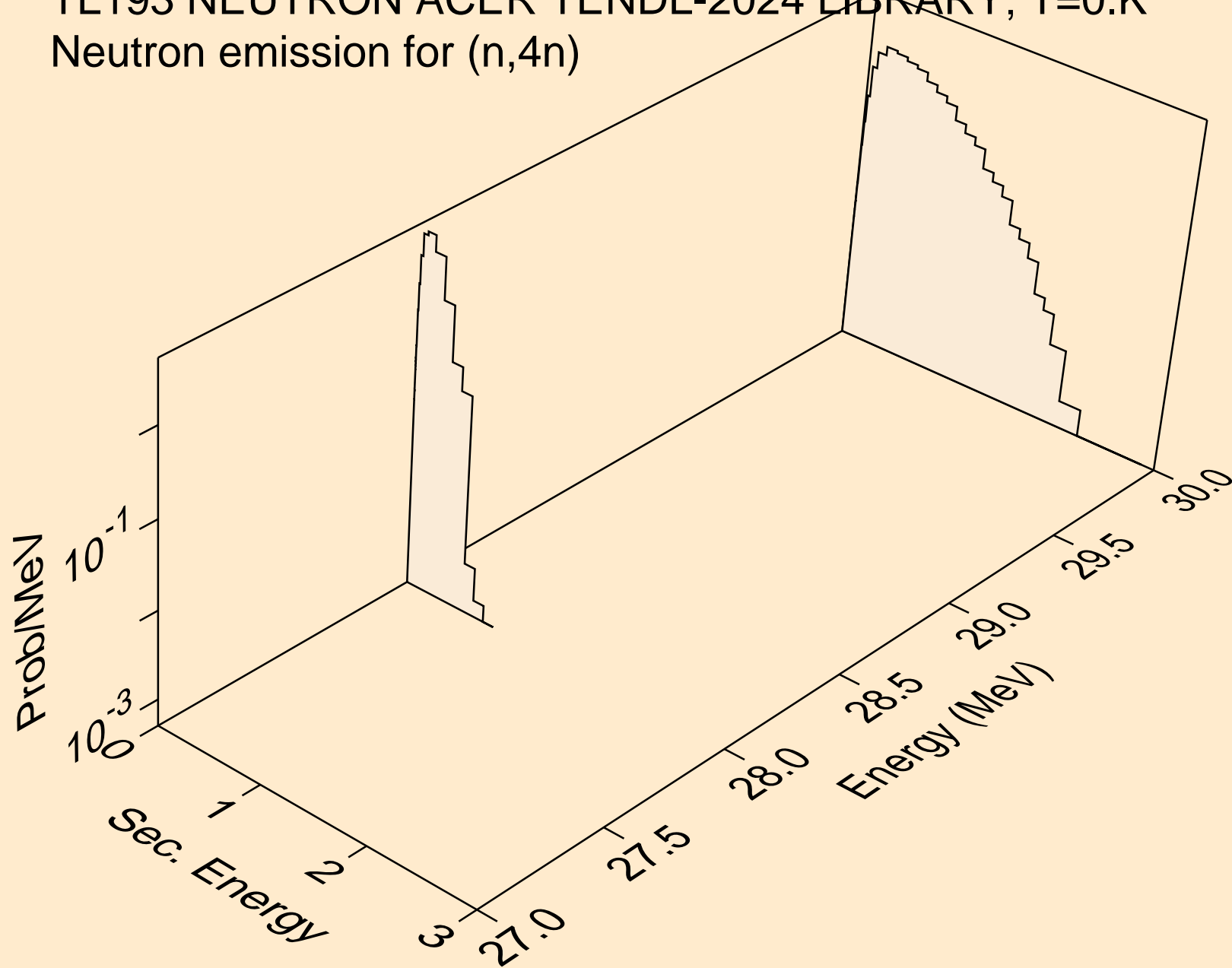
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



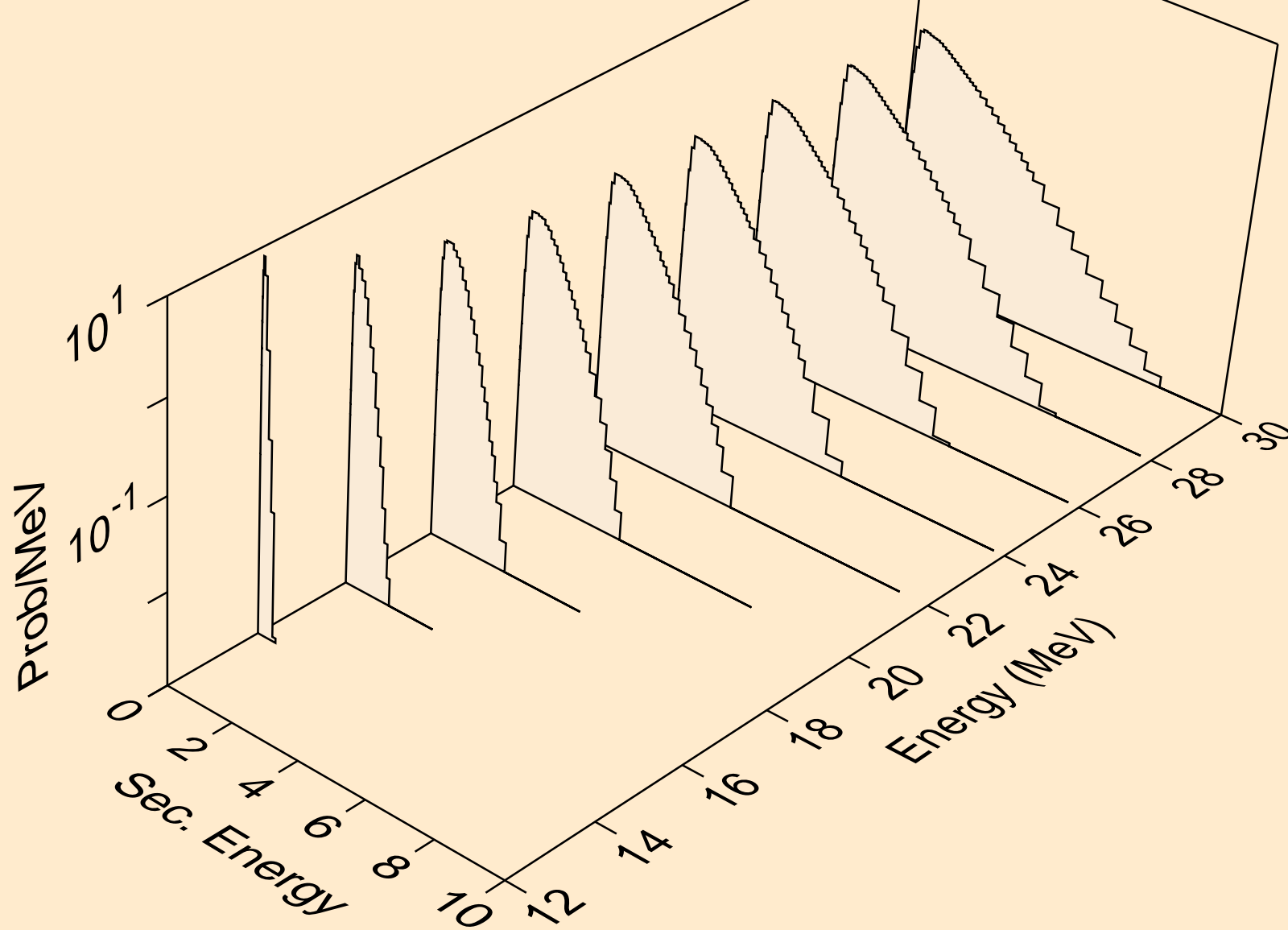
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



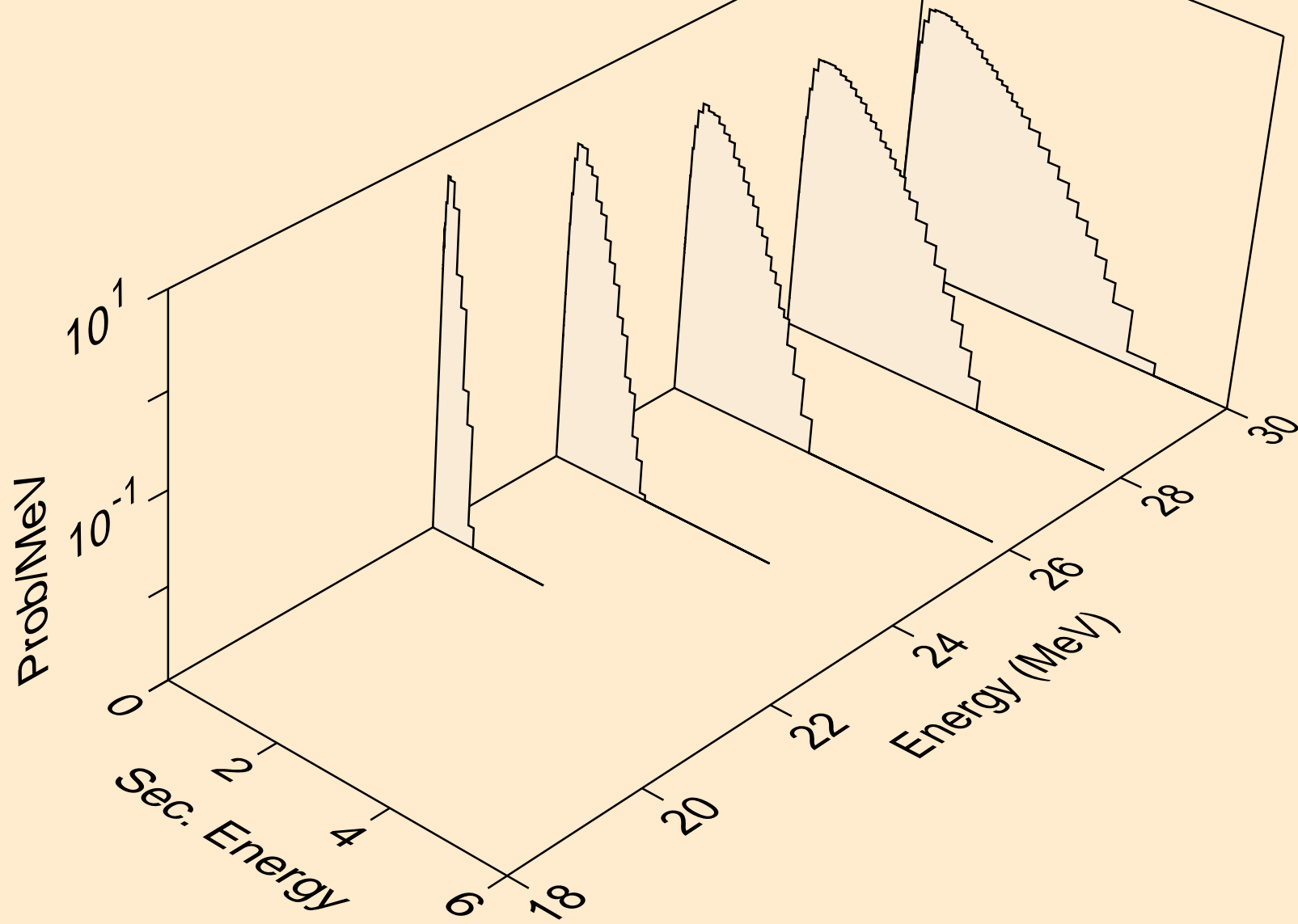
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,4n)



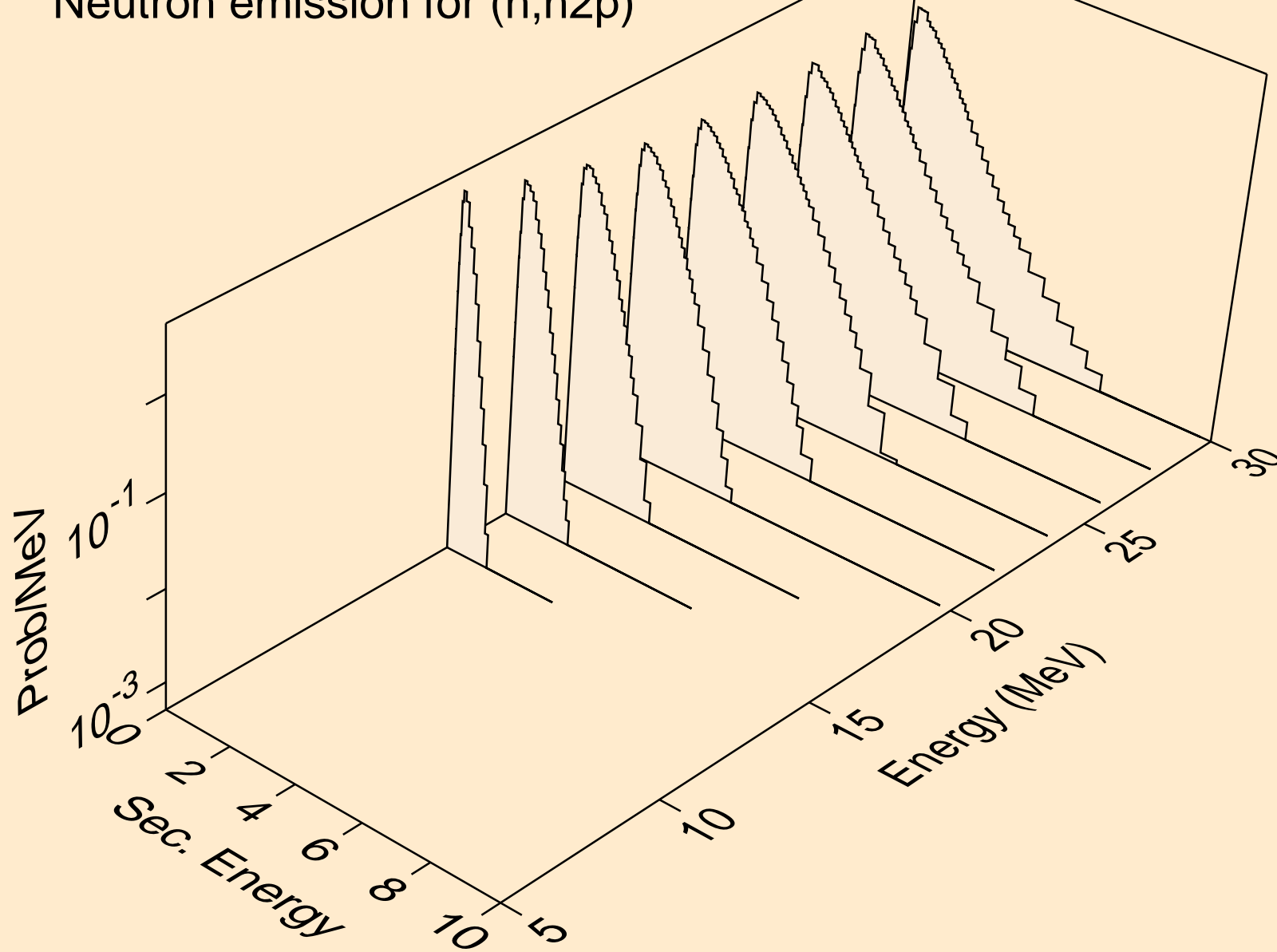
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



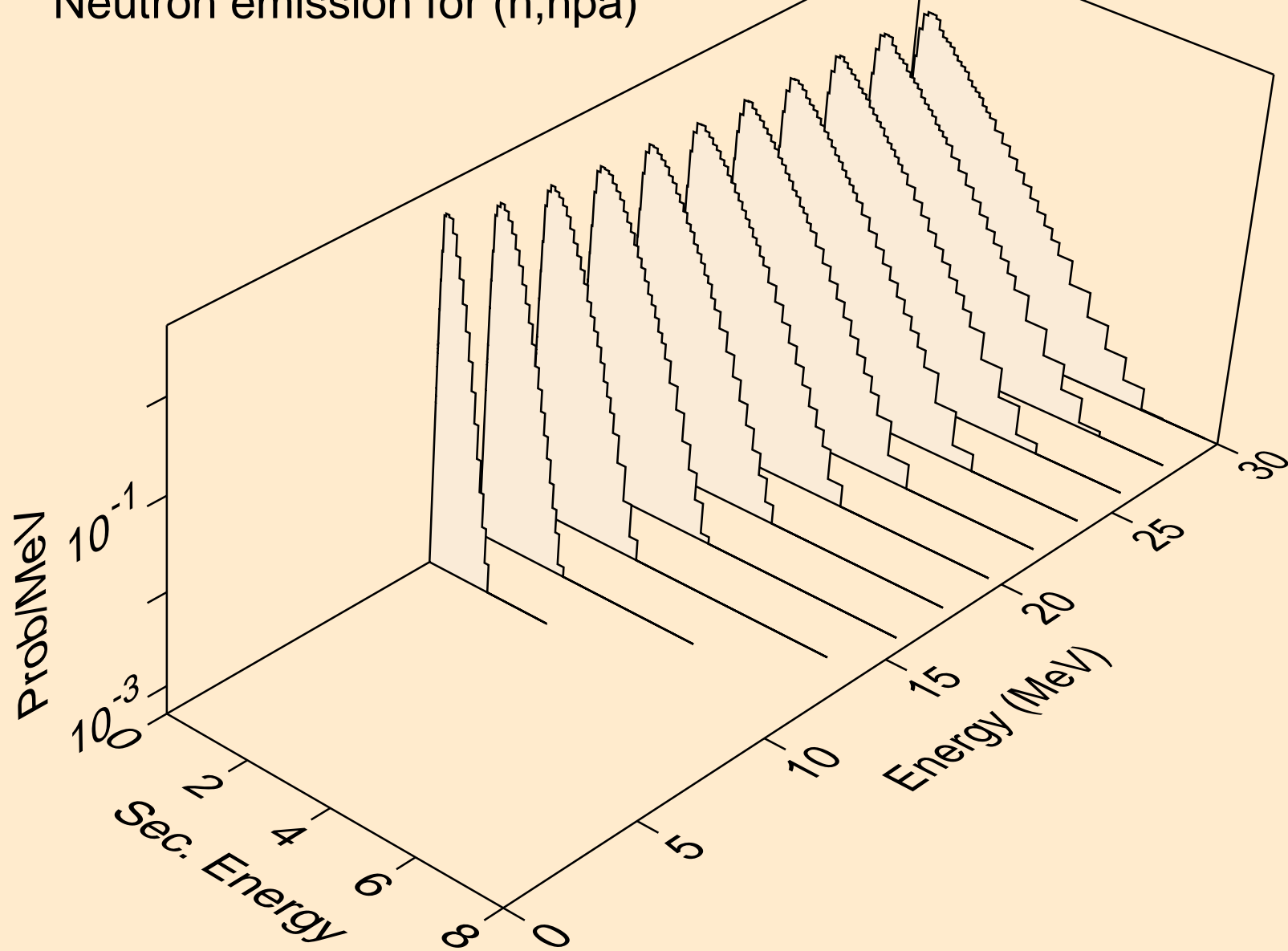
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



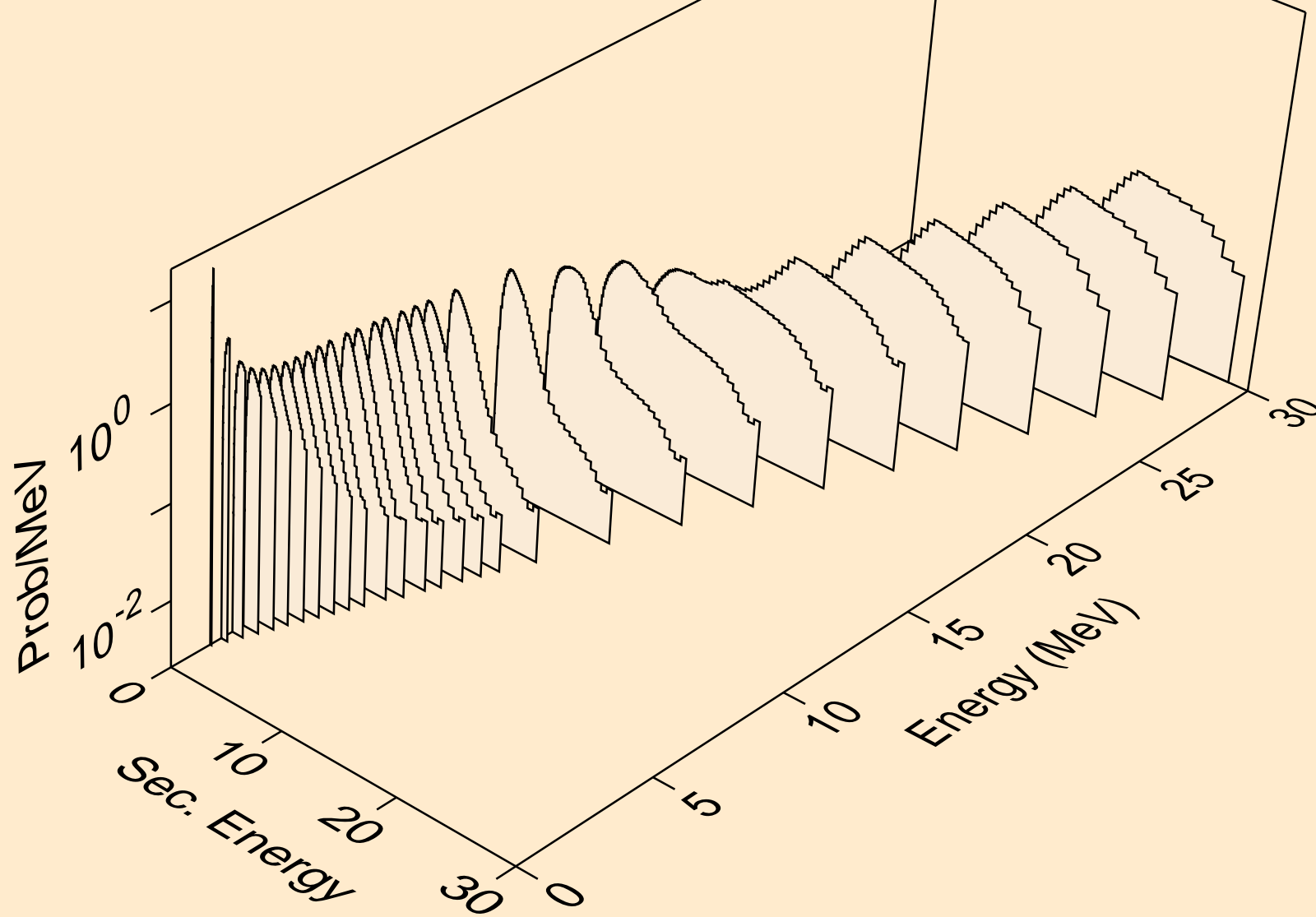
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



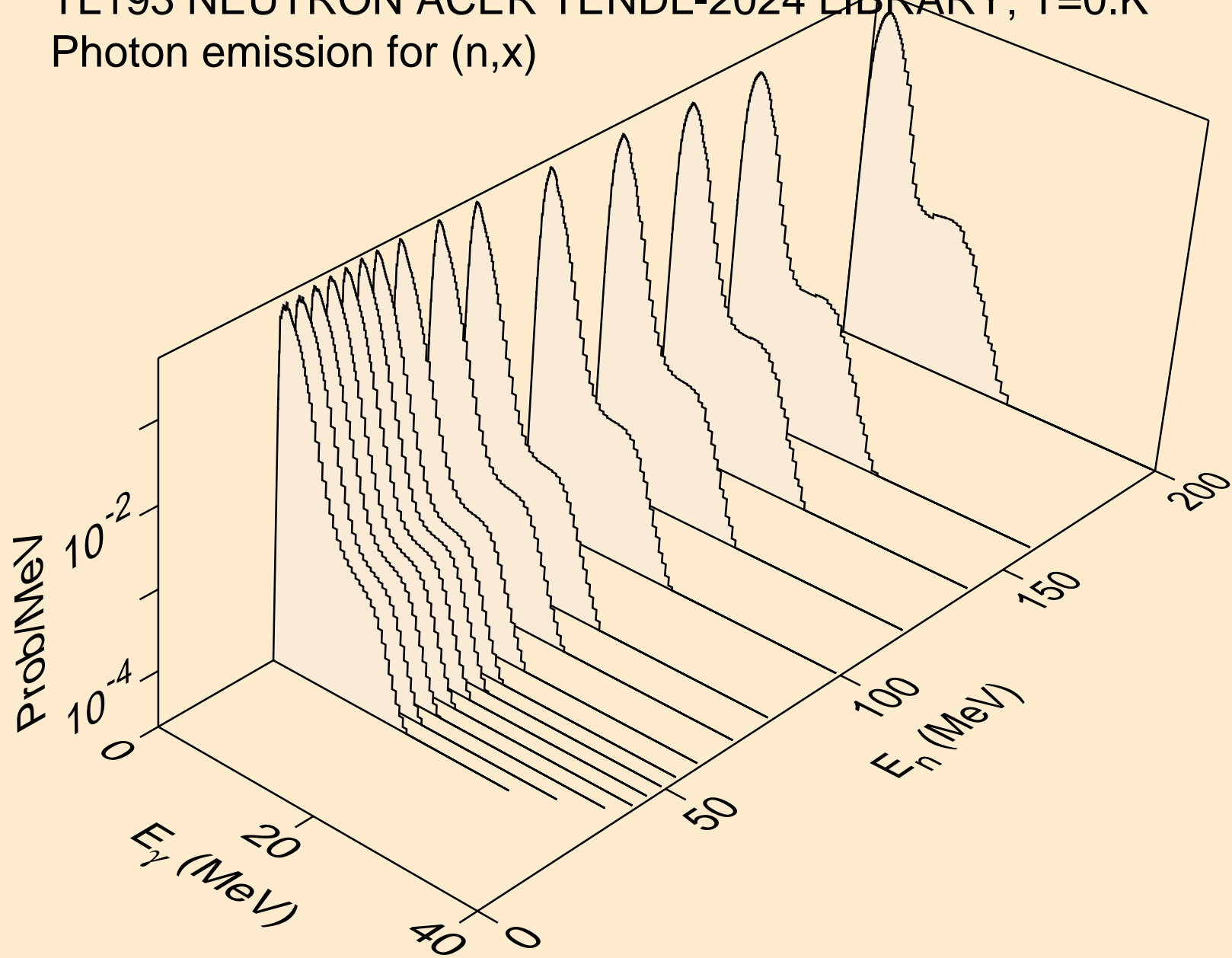
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)



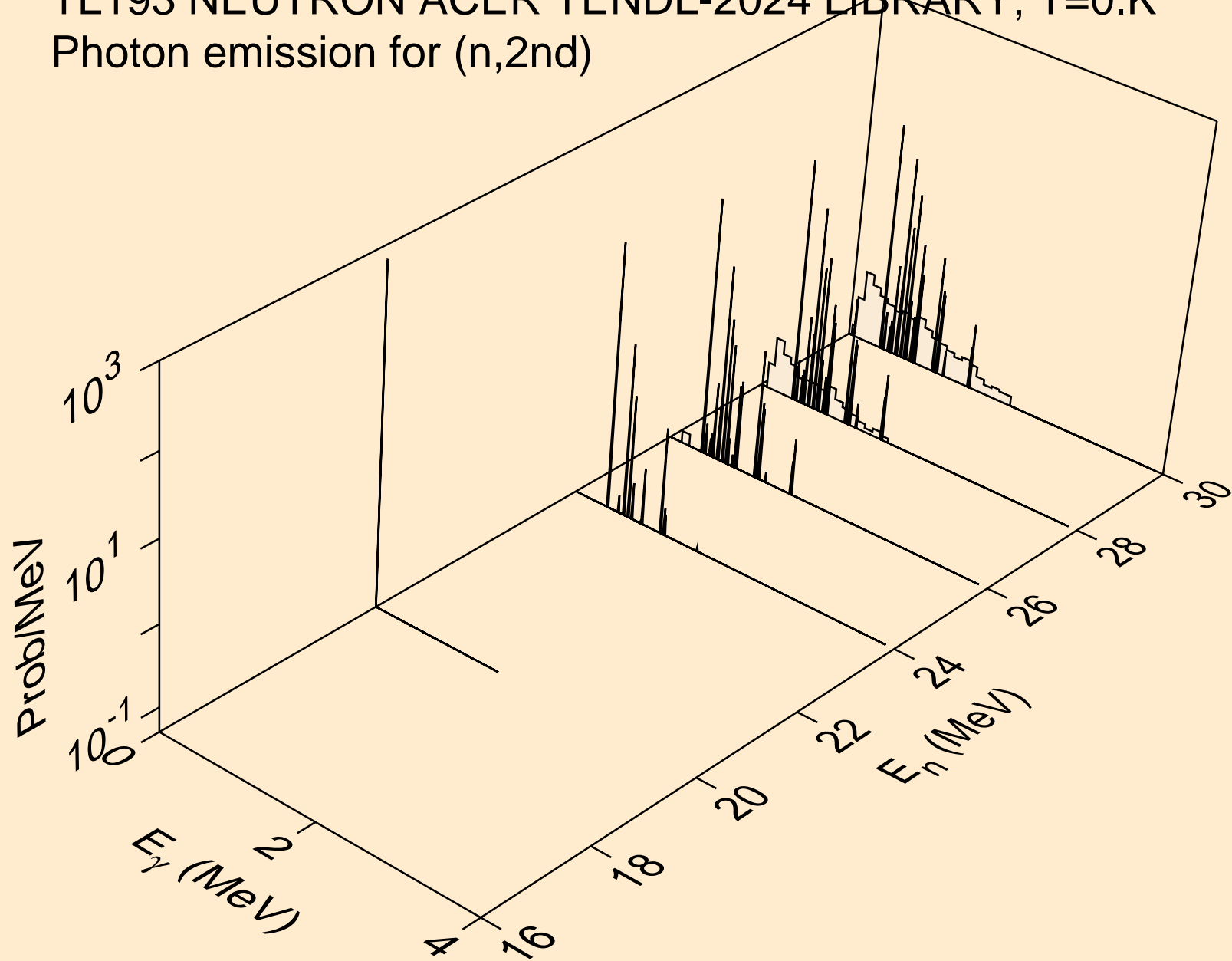
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



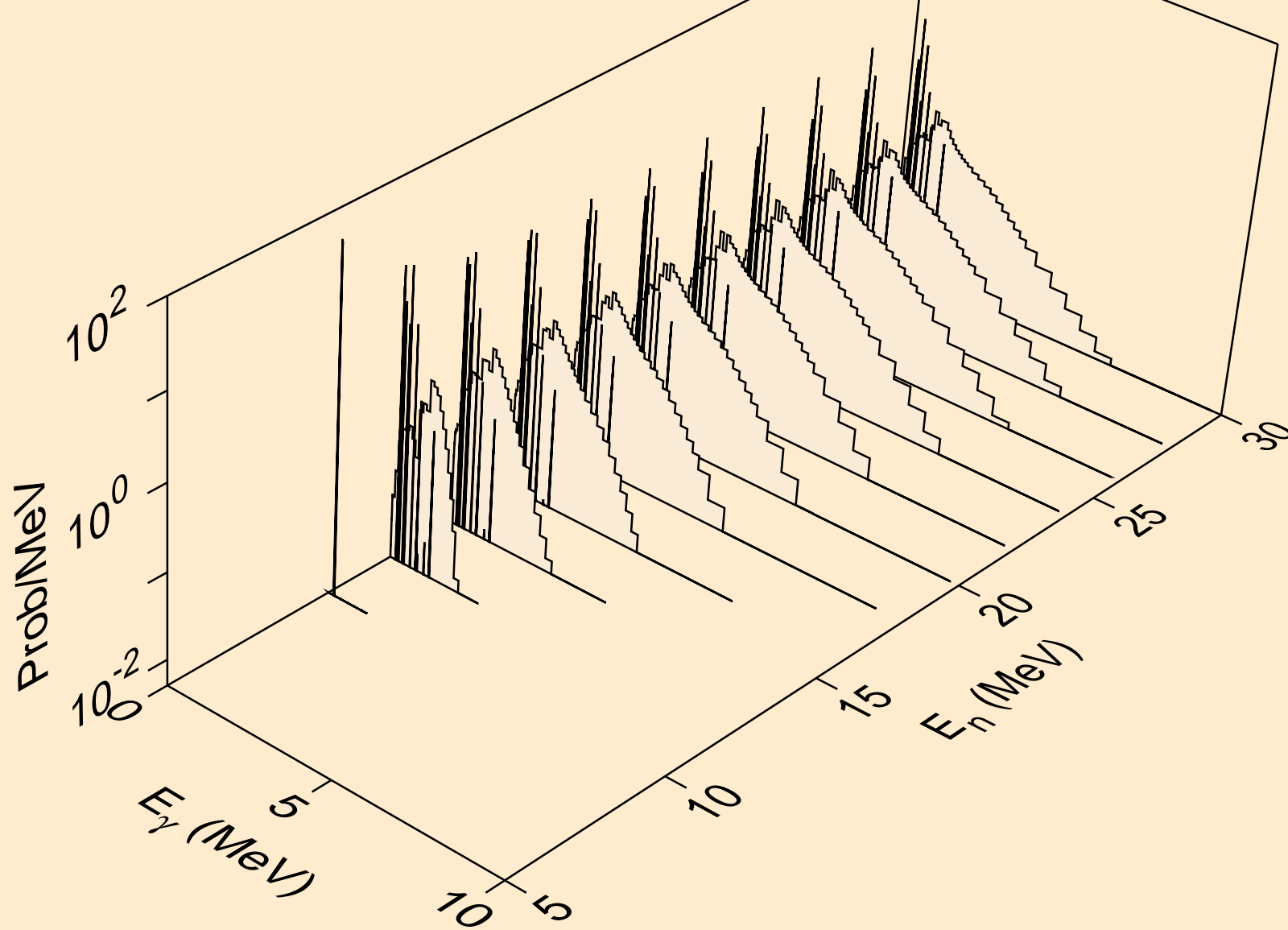
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



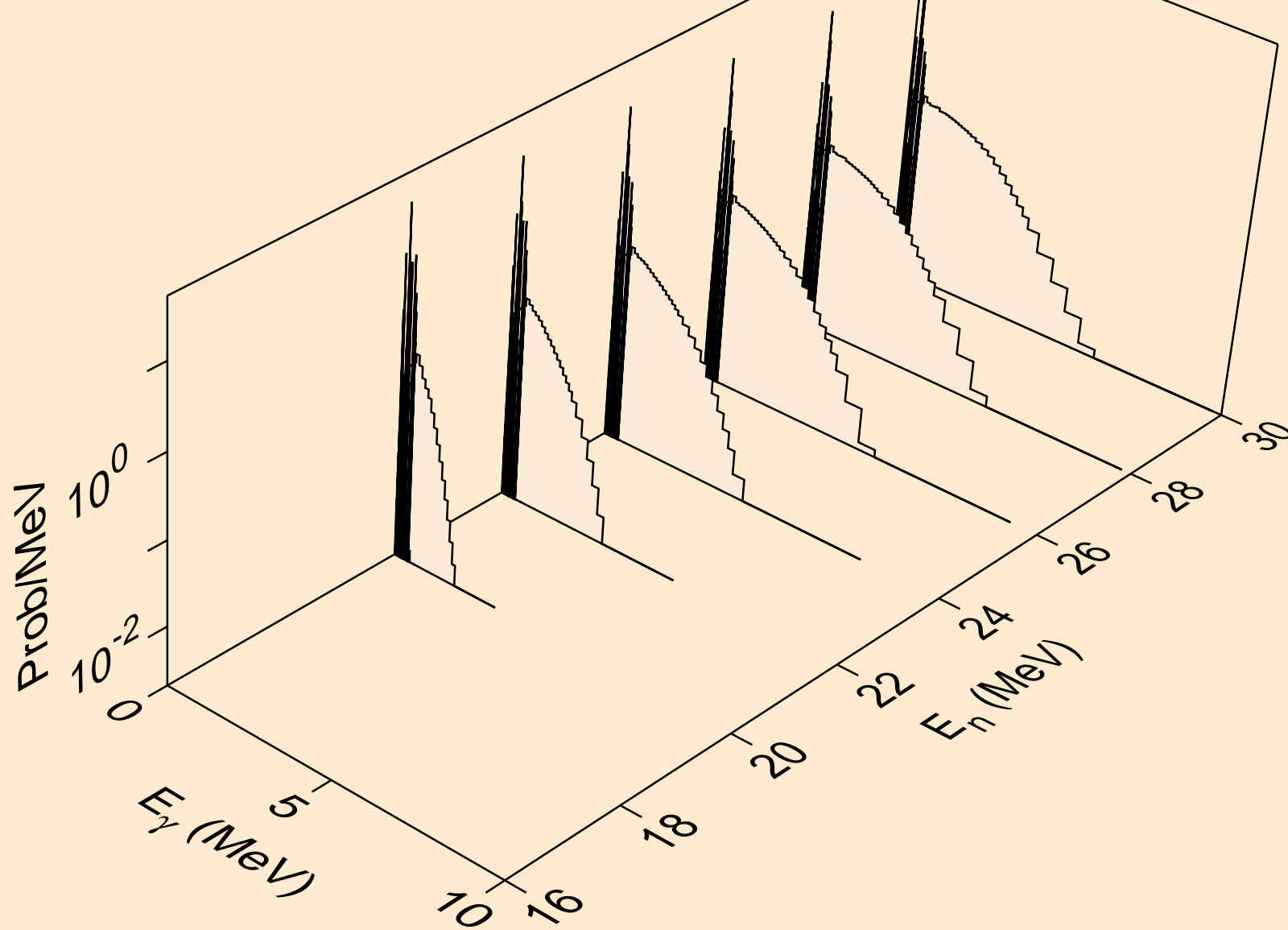
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



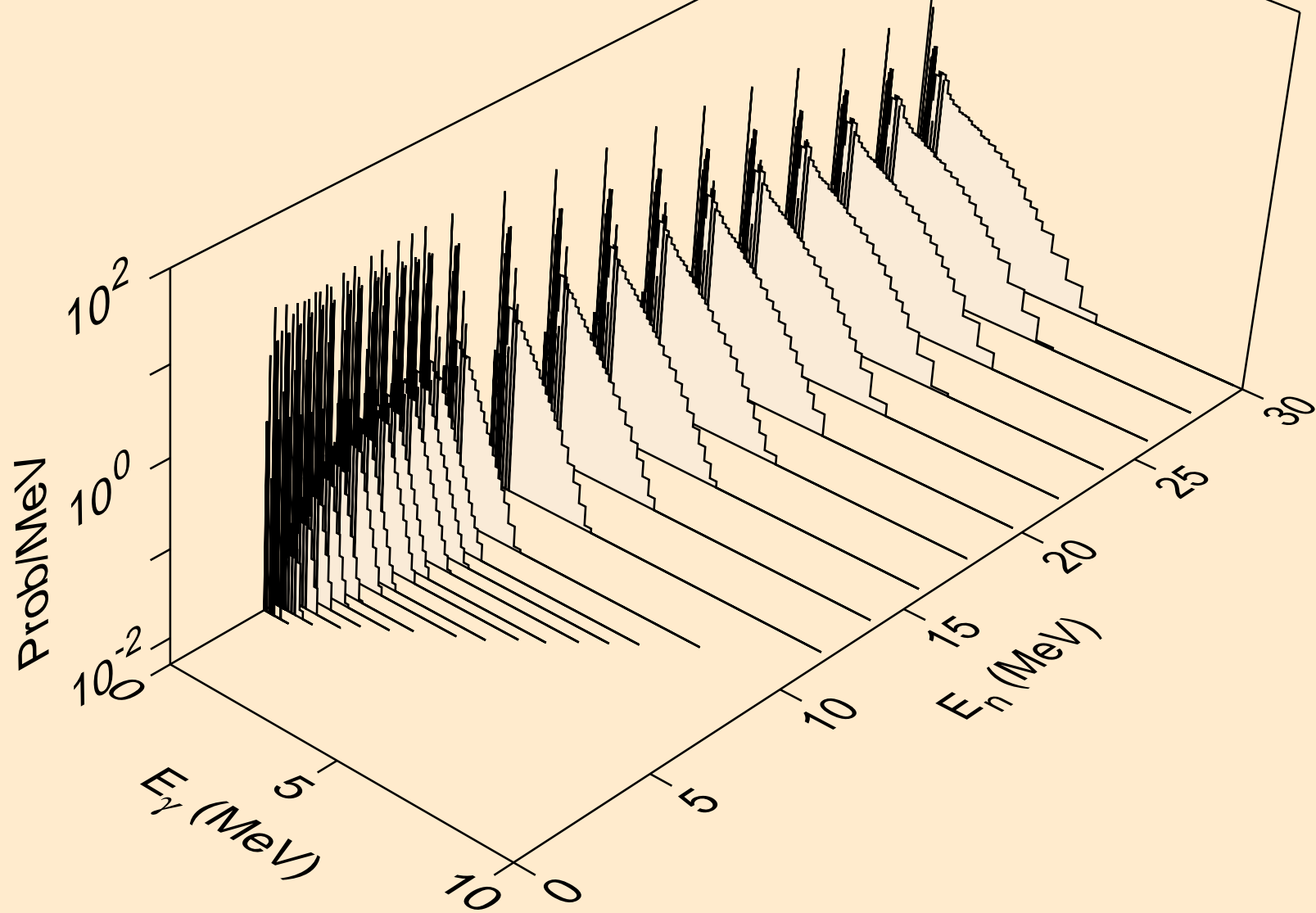
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Photon emission for (n,2n)



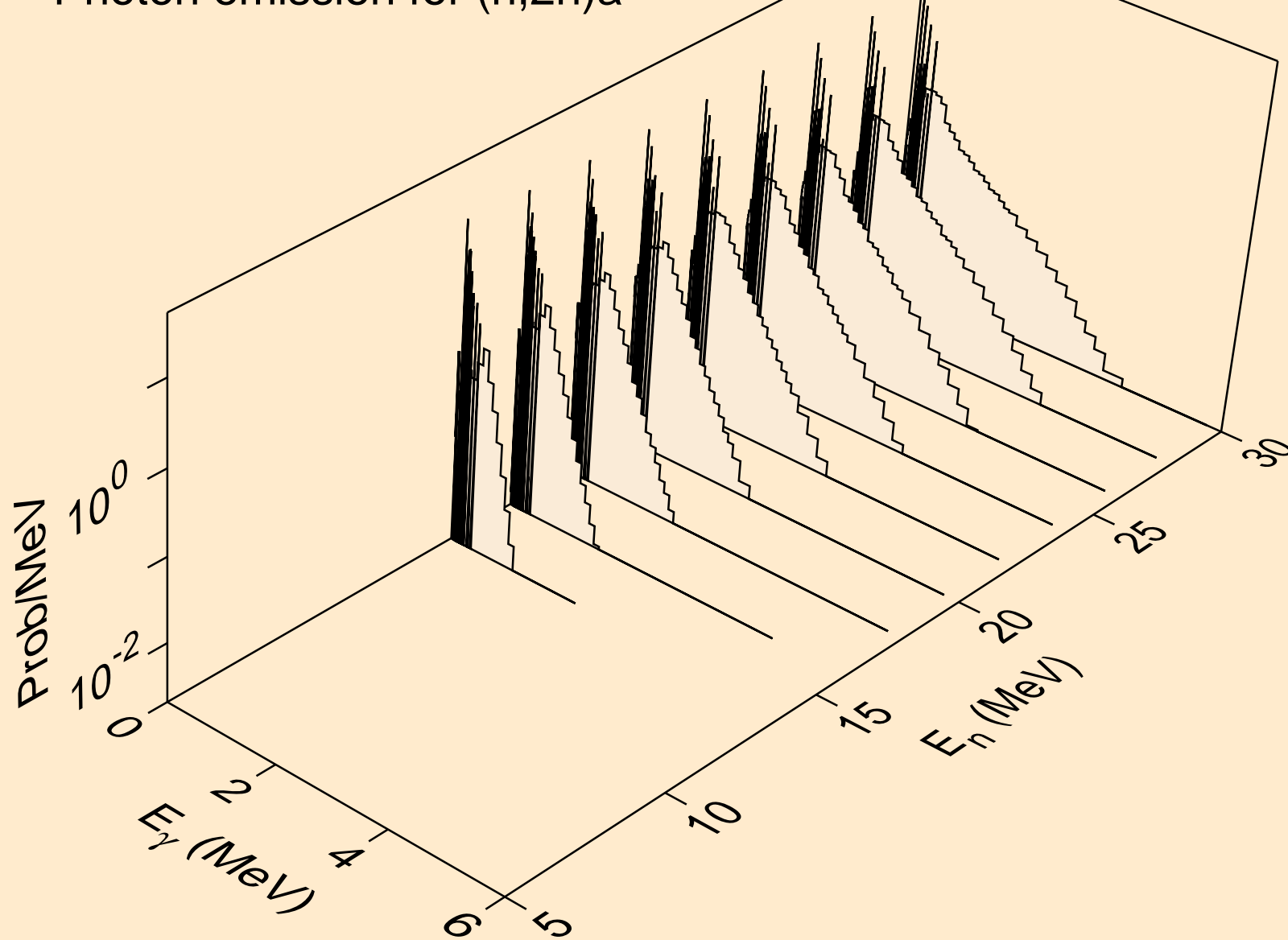
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



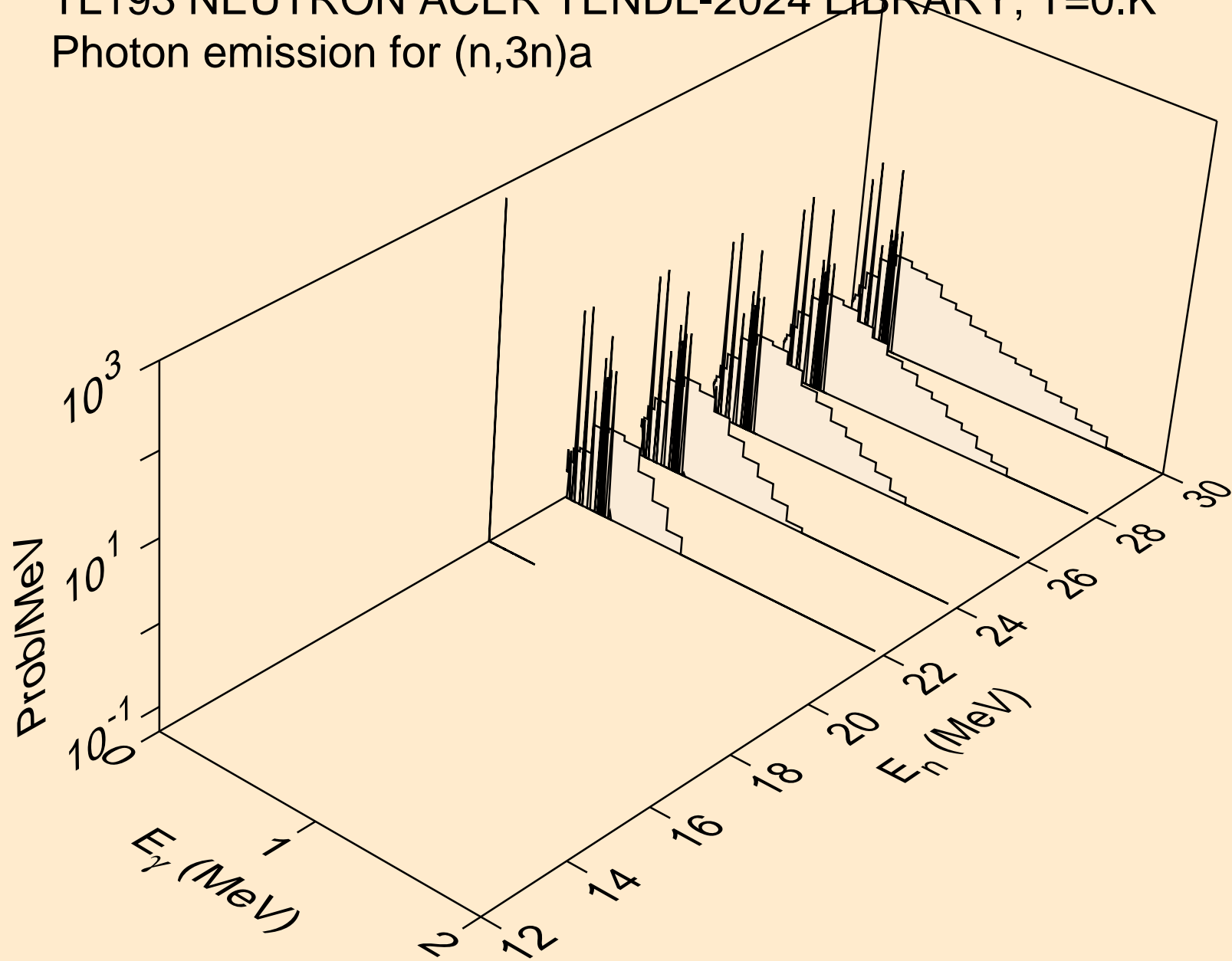
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



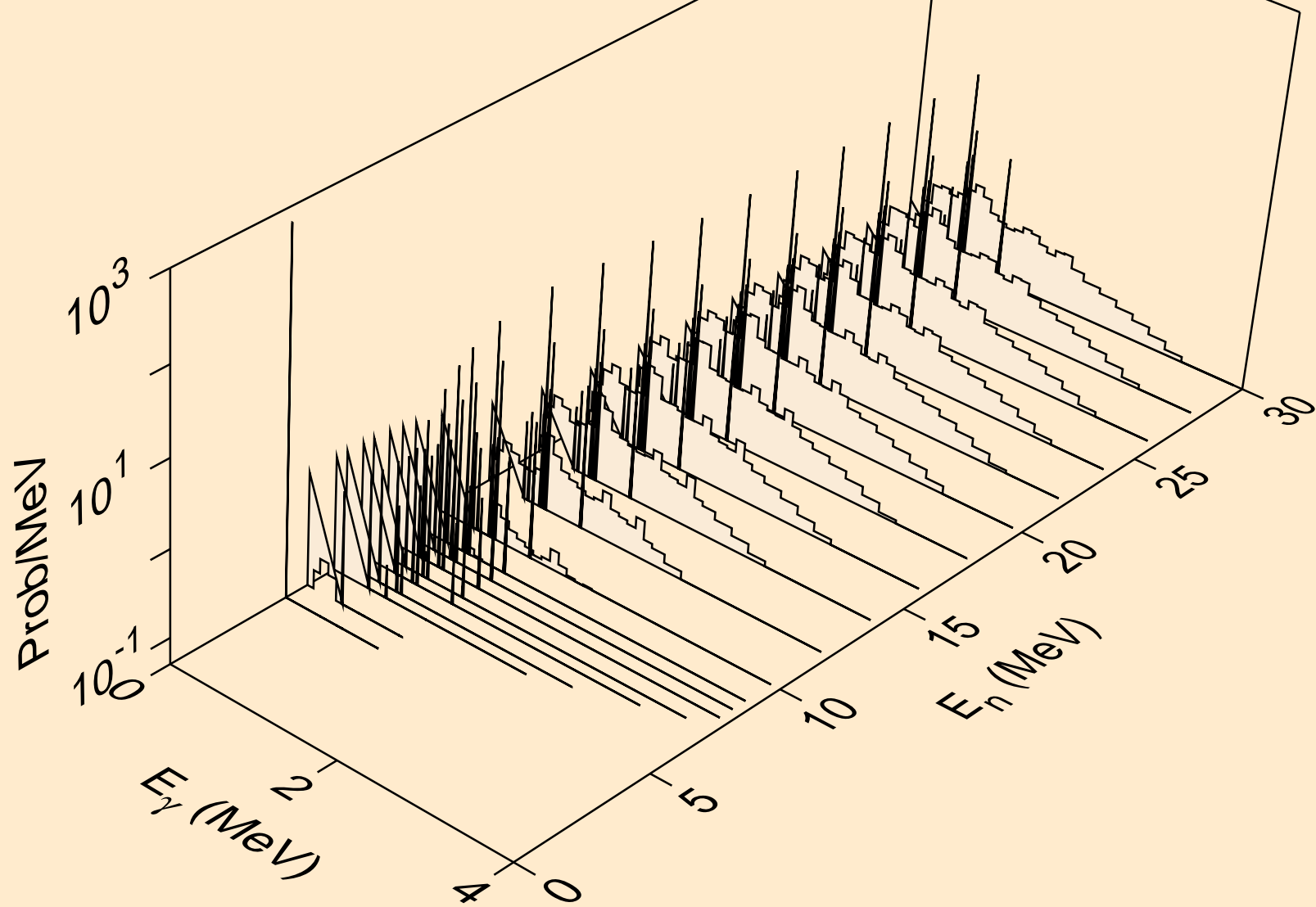
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



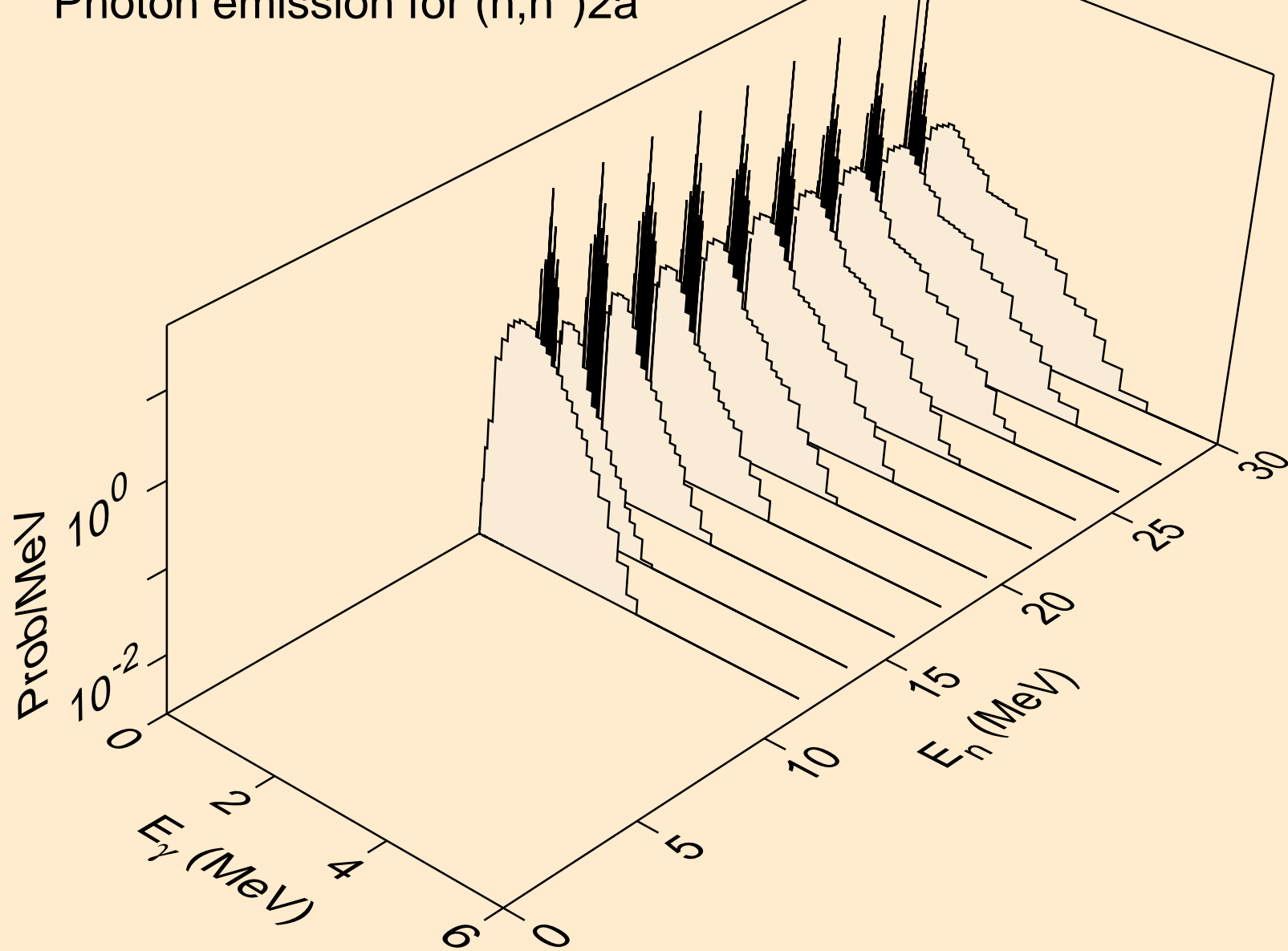
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)a



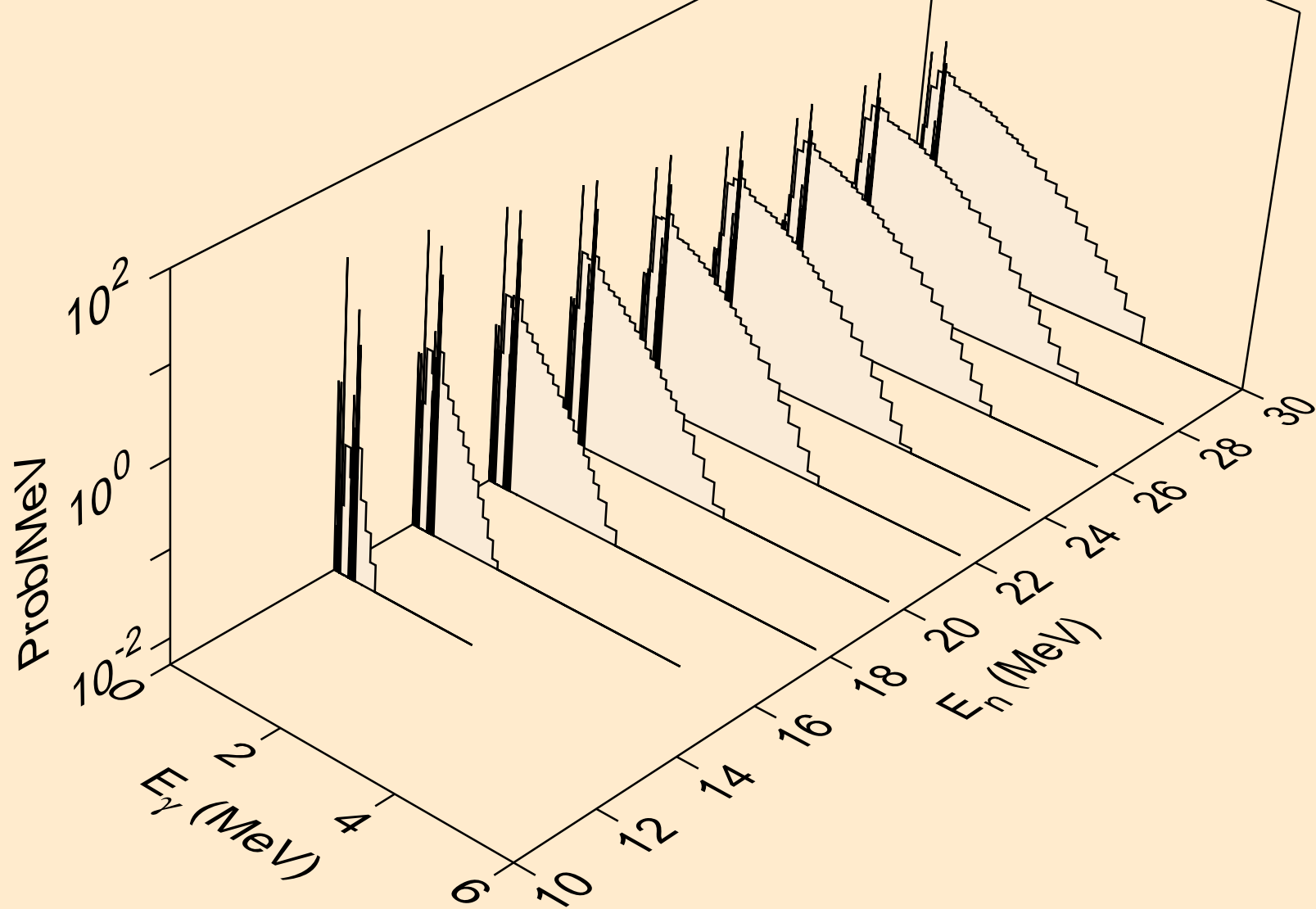
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



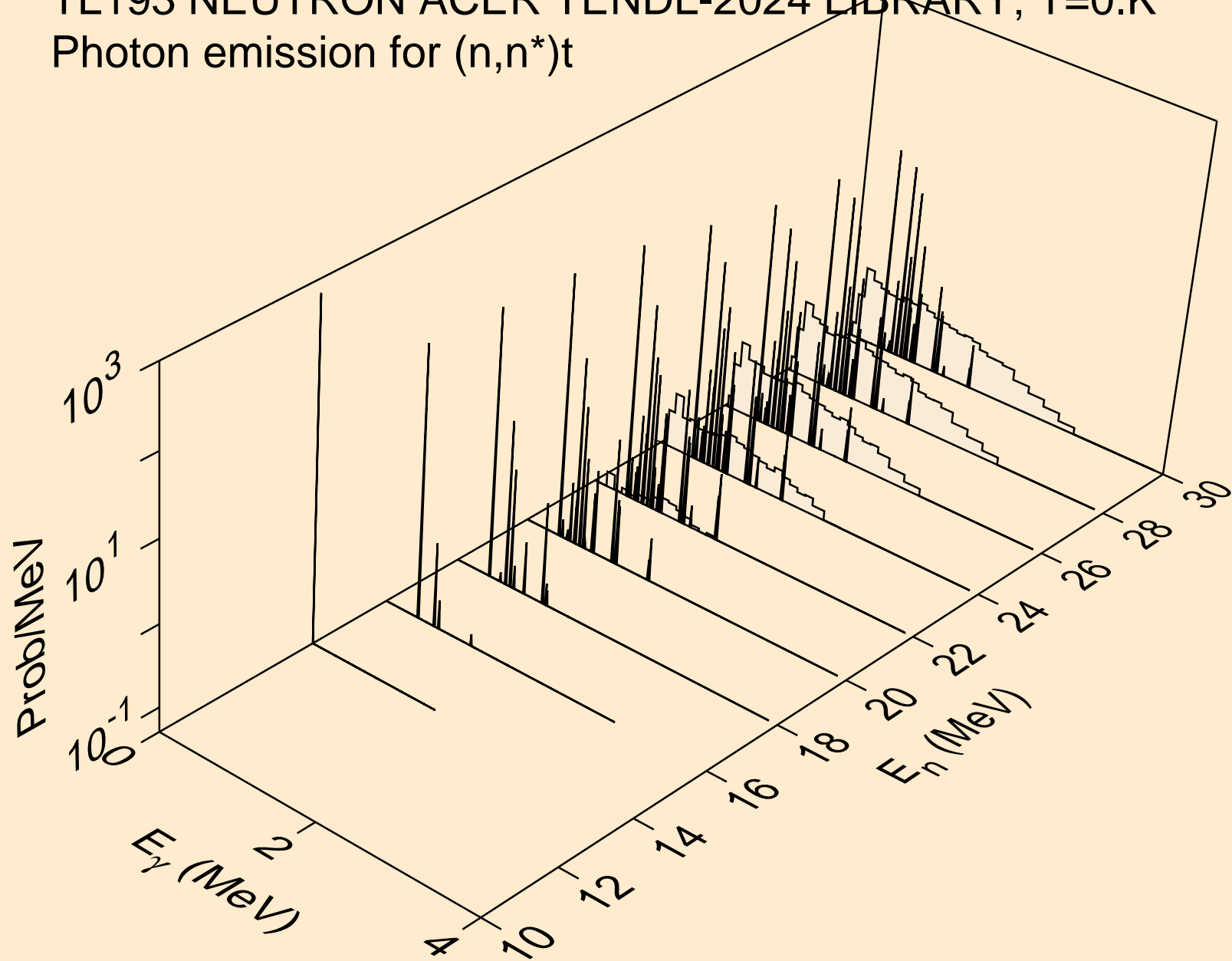
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



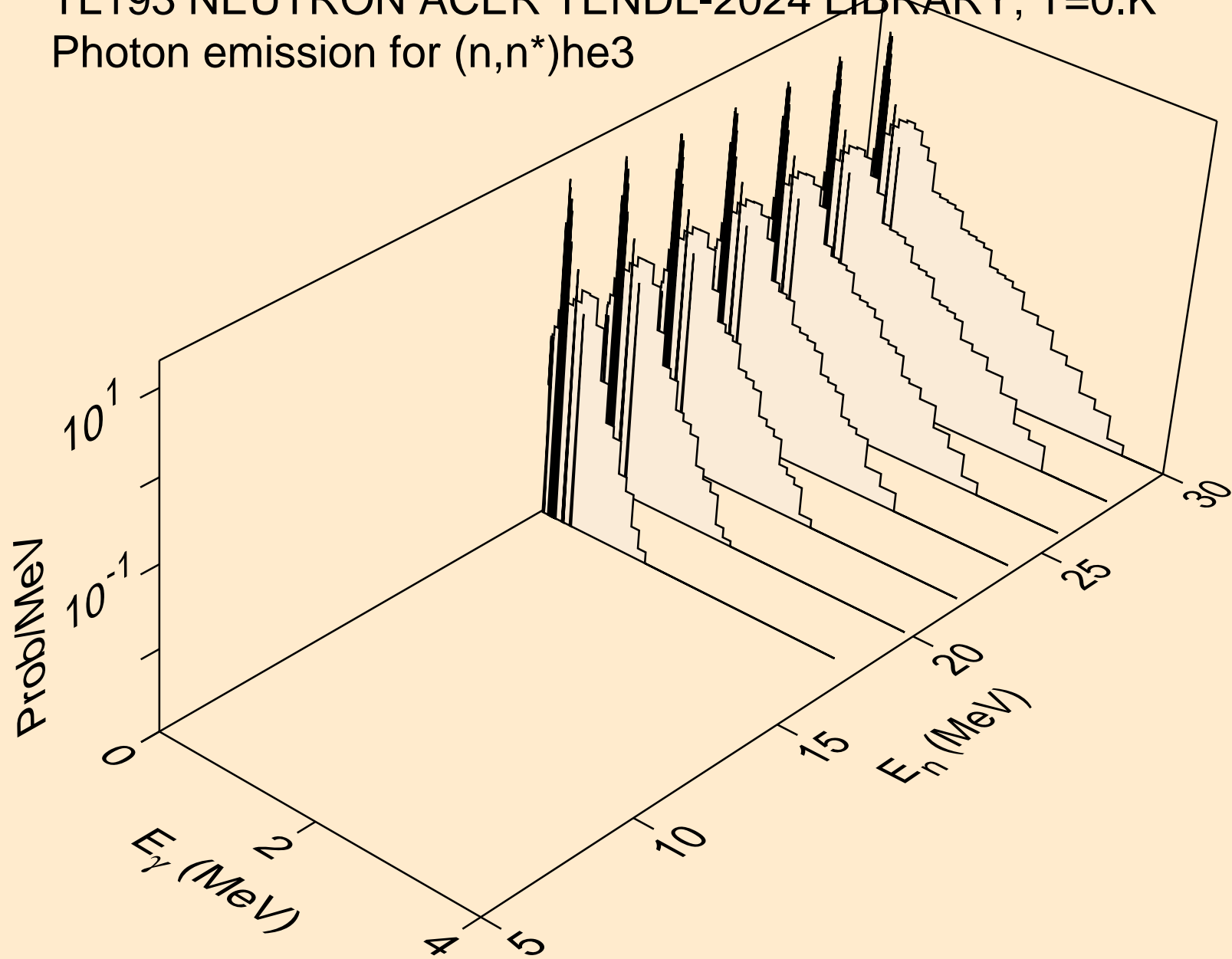
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



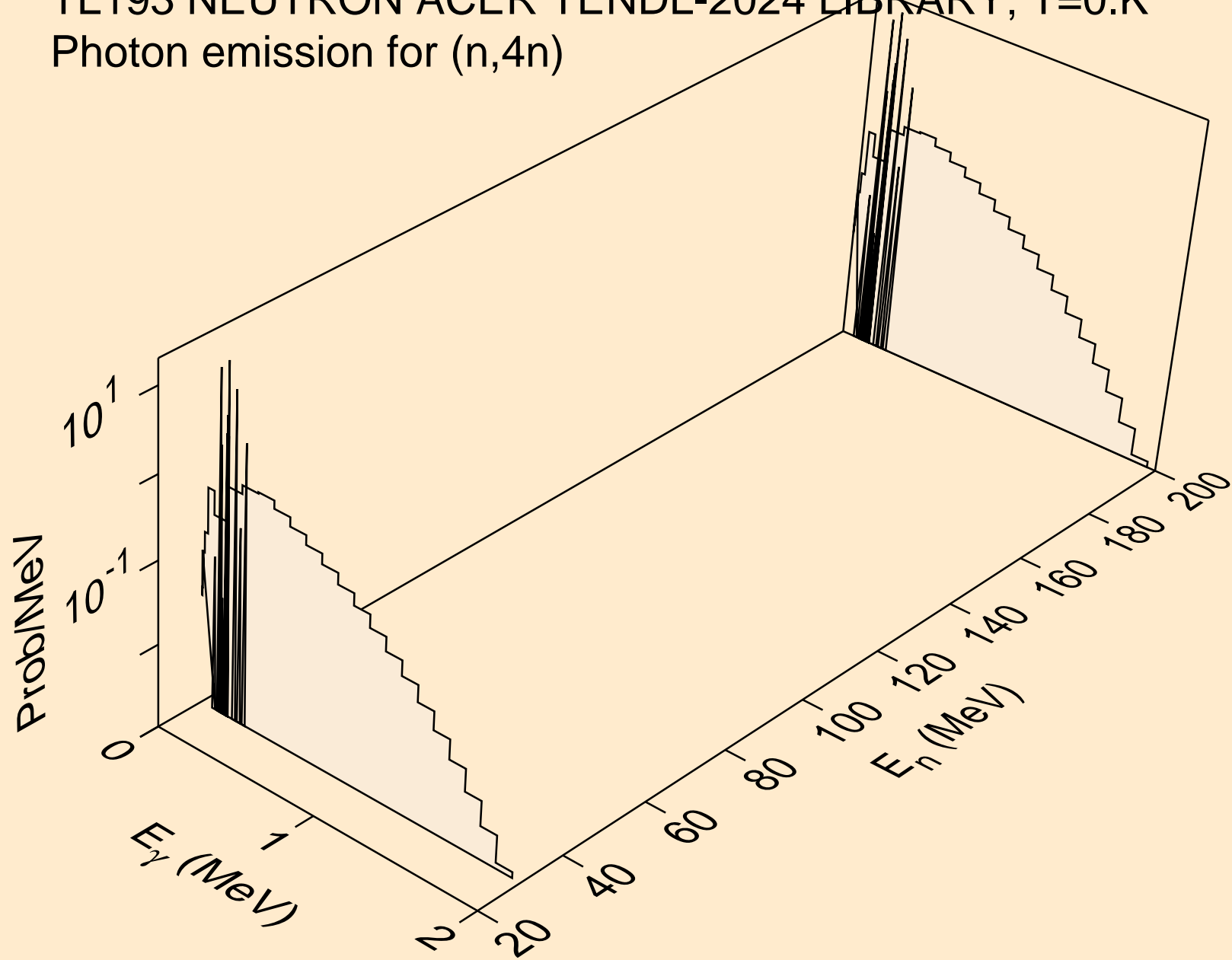
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



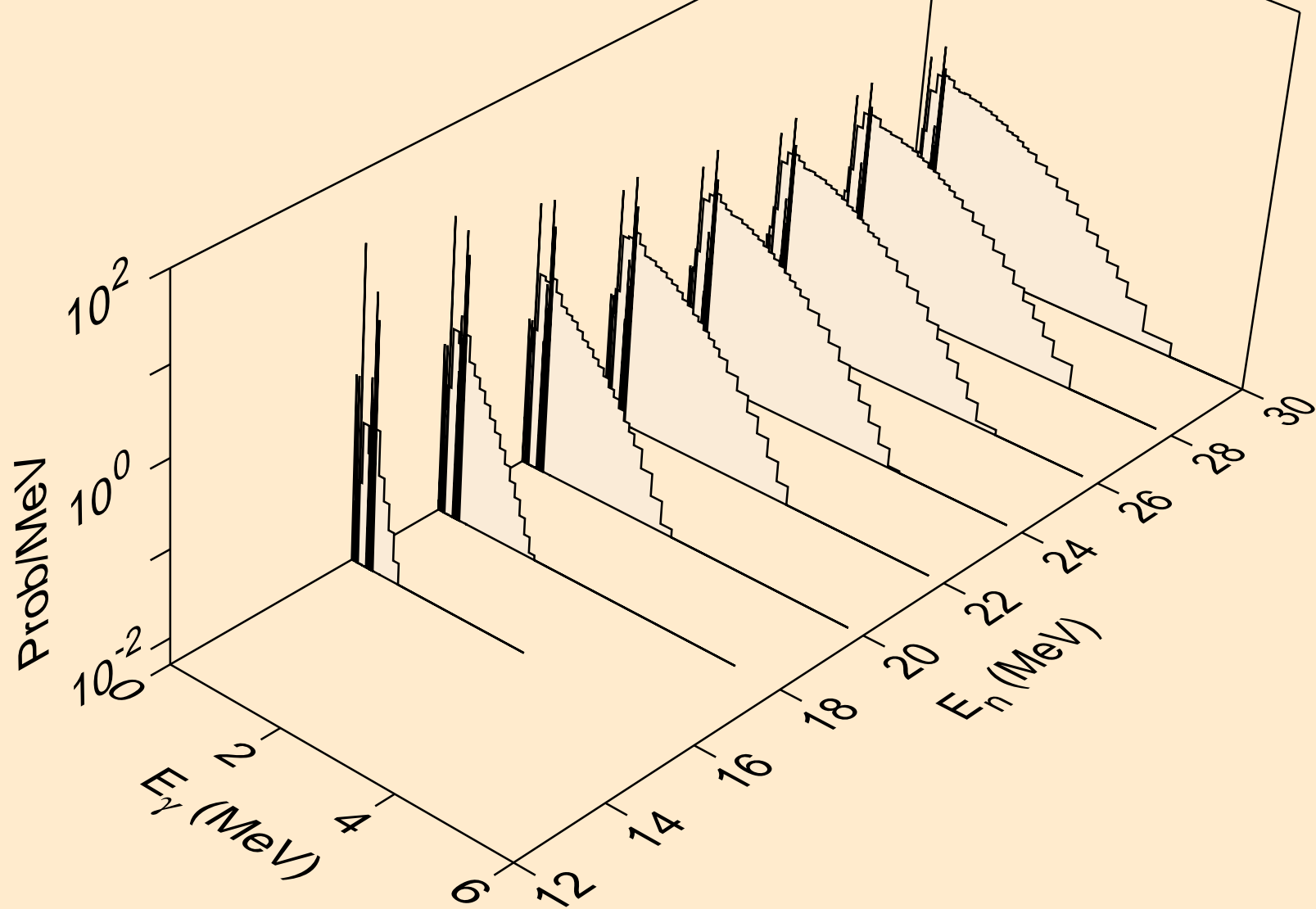
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



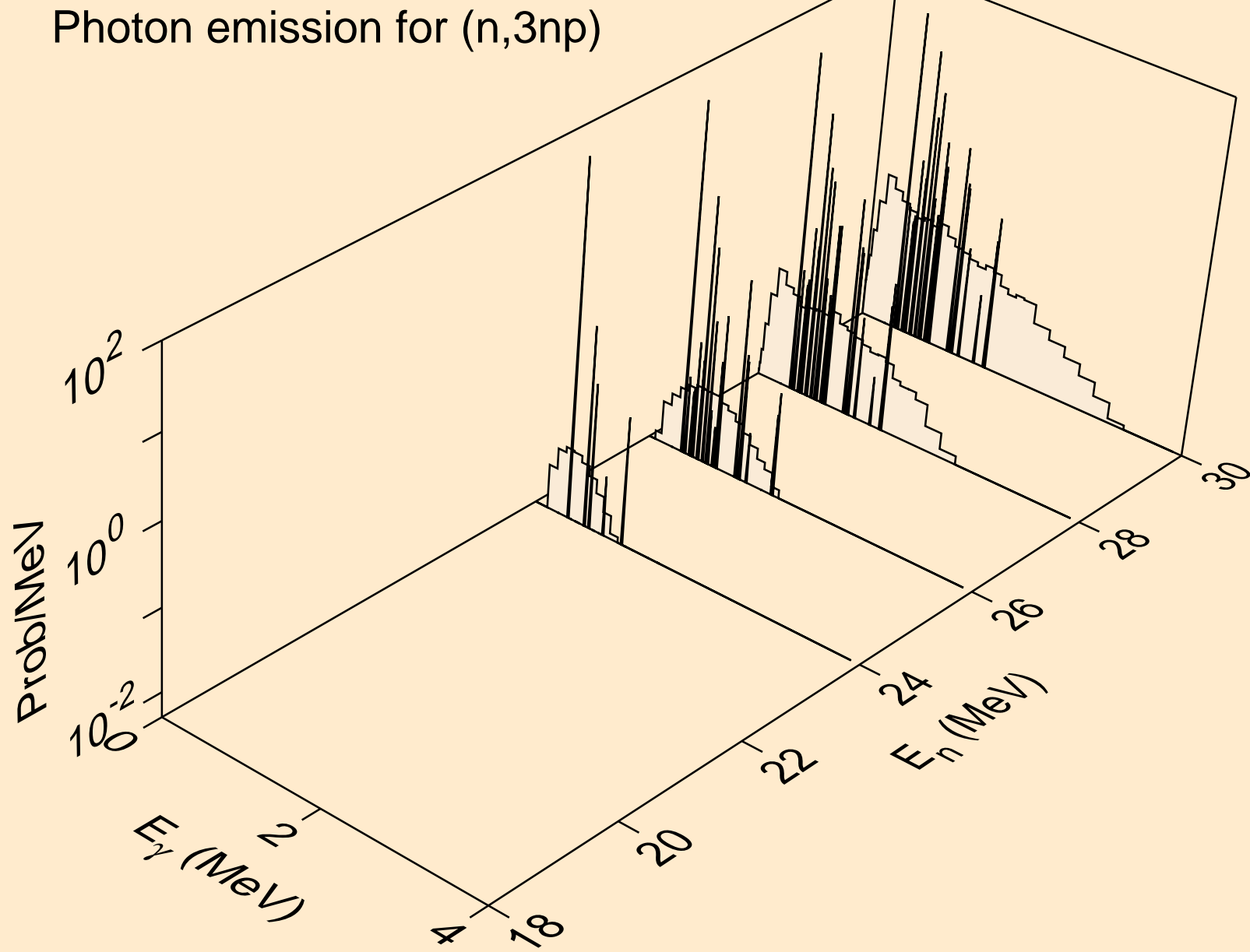
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



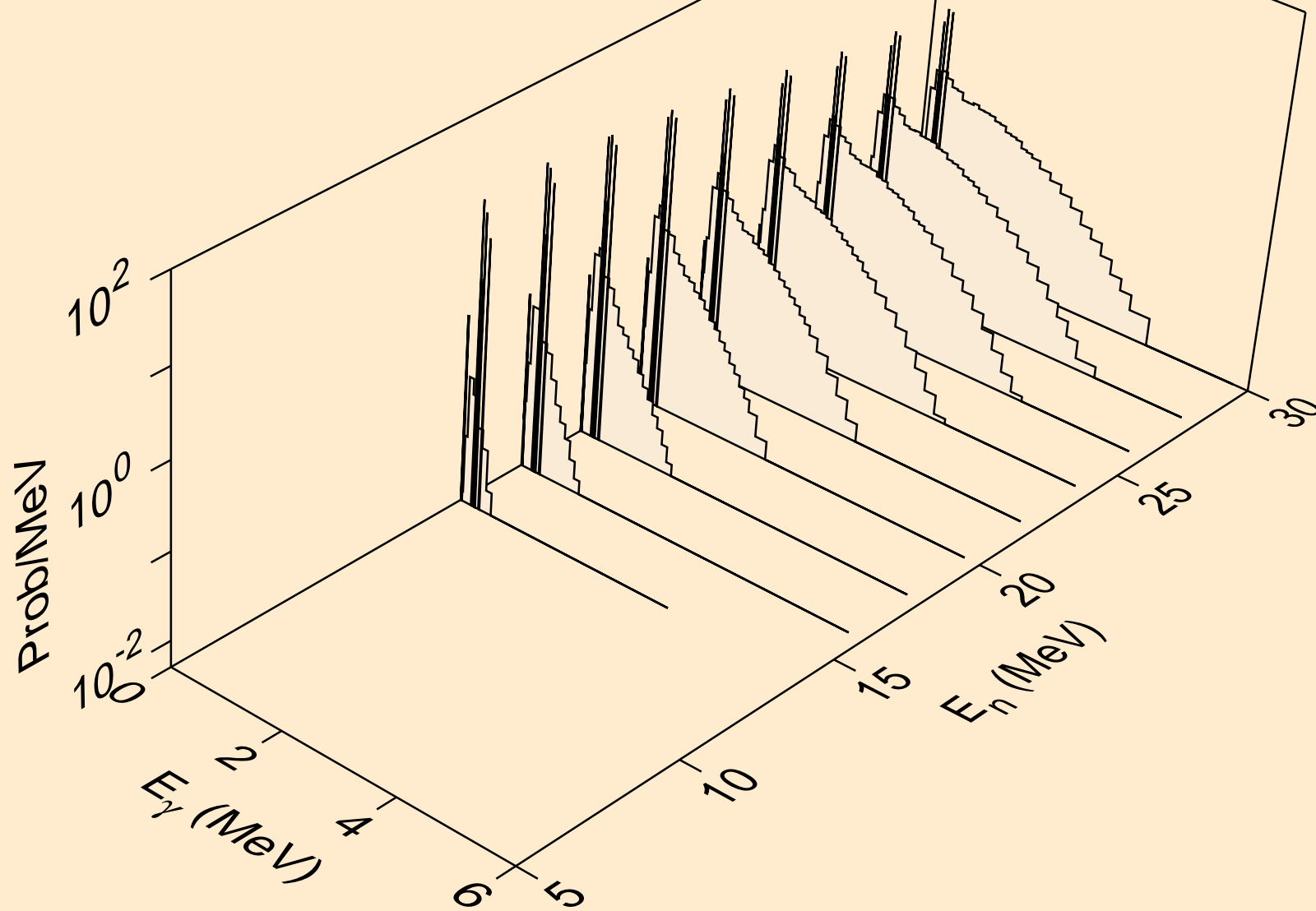
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Photon emission for (n,2np)



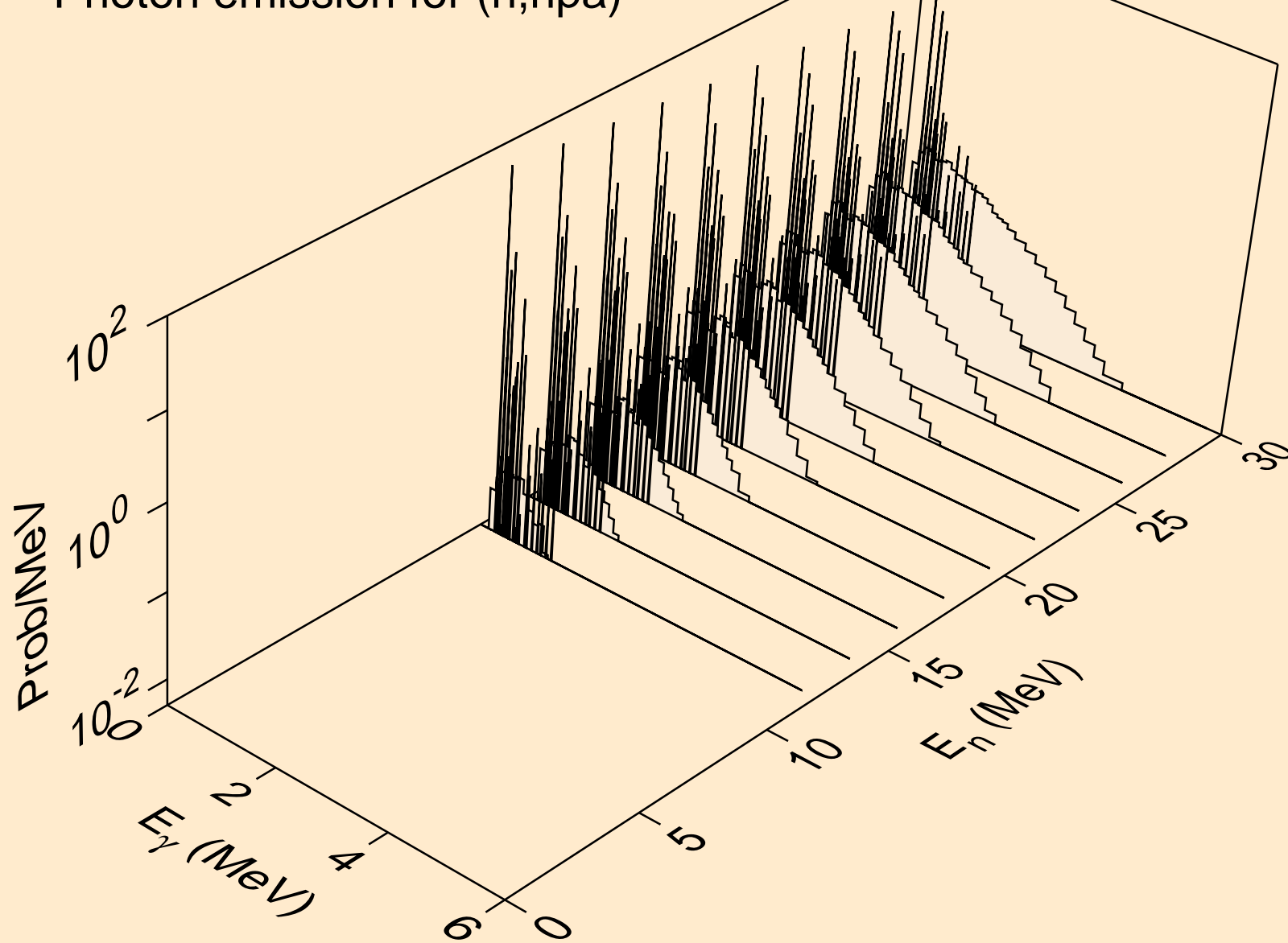
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Photon emission for (n,3np)



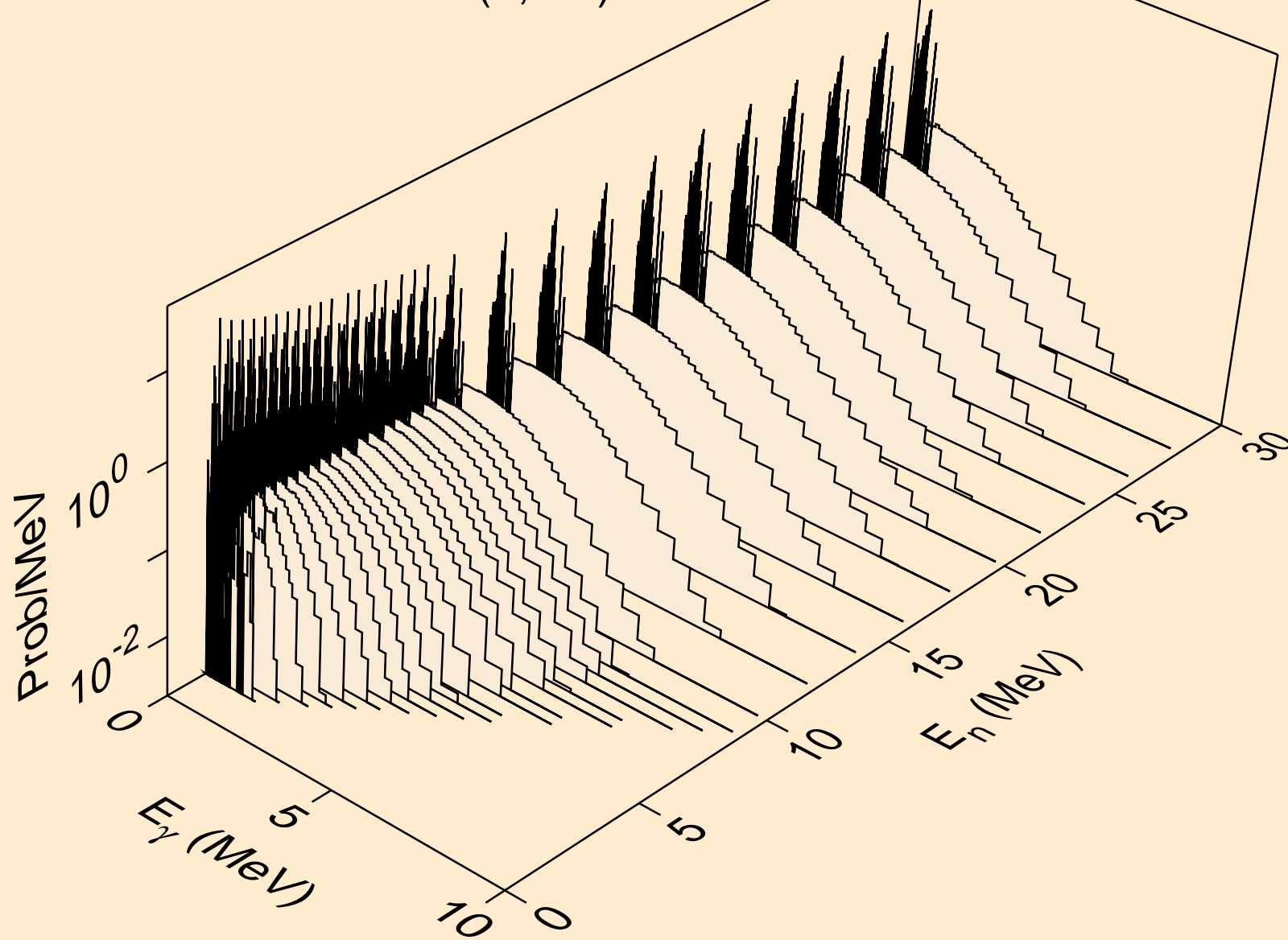
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Photon emission for (n,n2p)



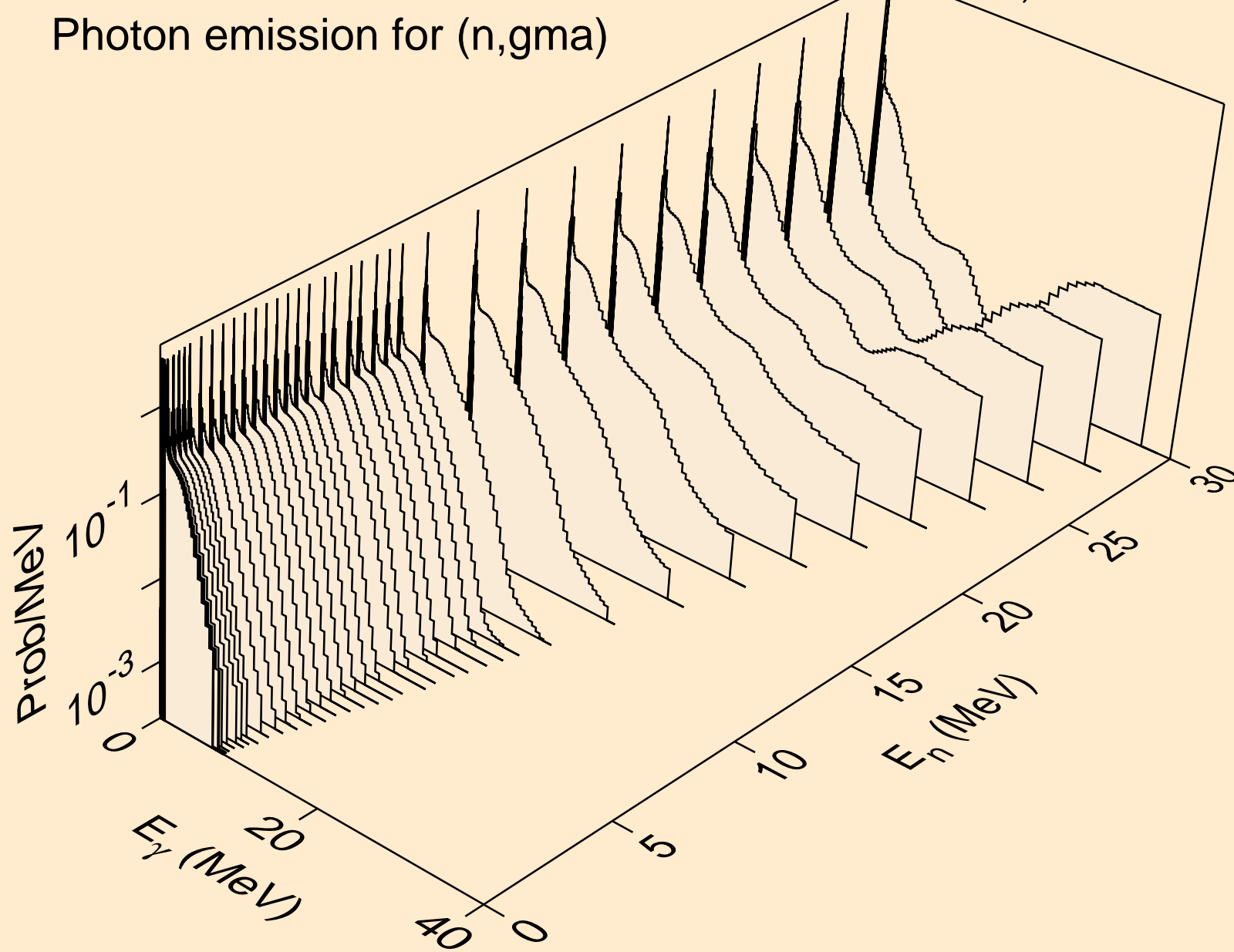
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Photon emission for (n,npa)



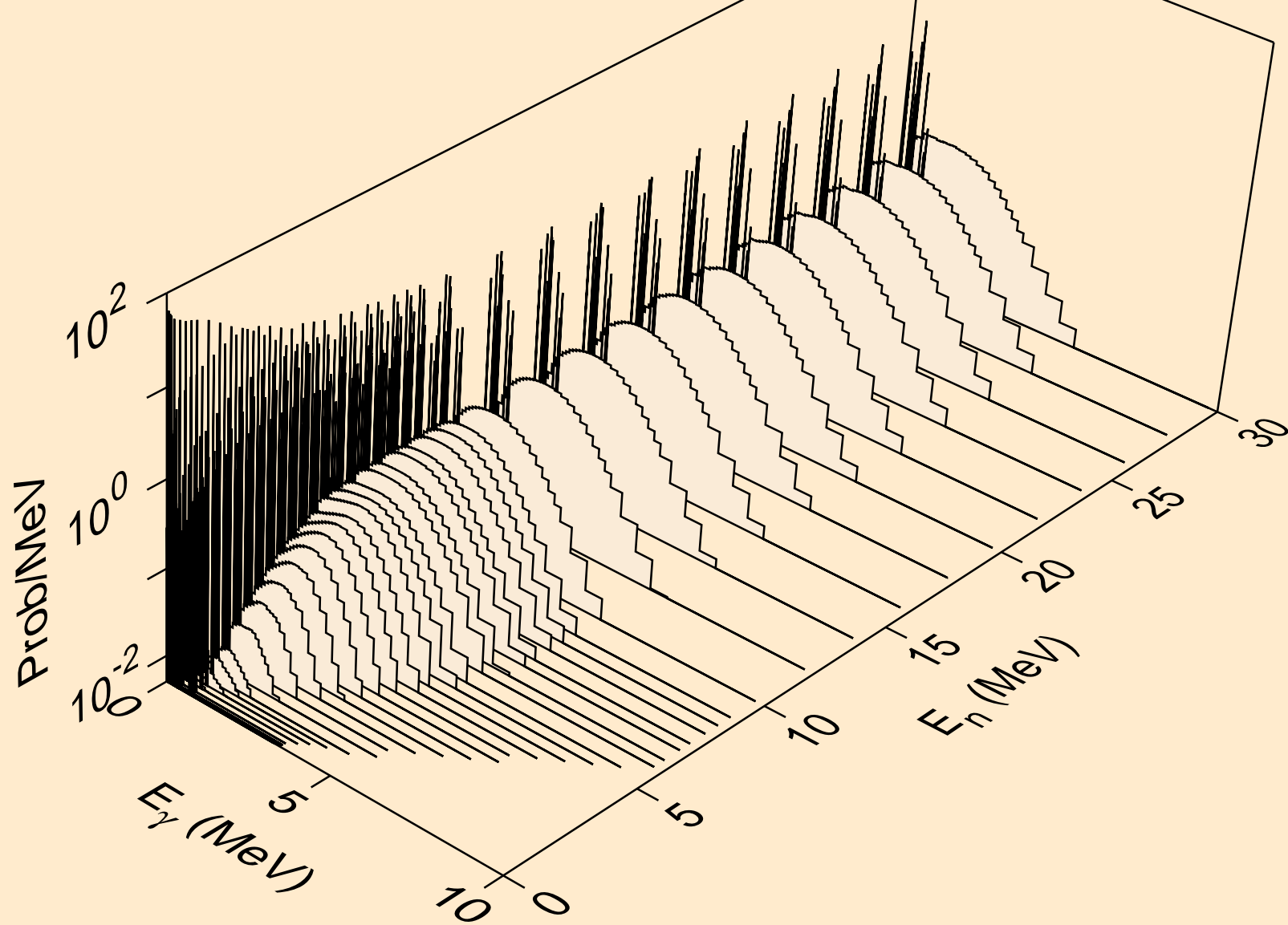
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Photon emission for (n,n*c)



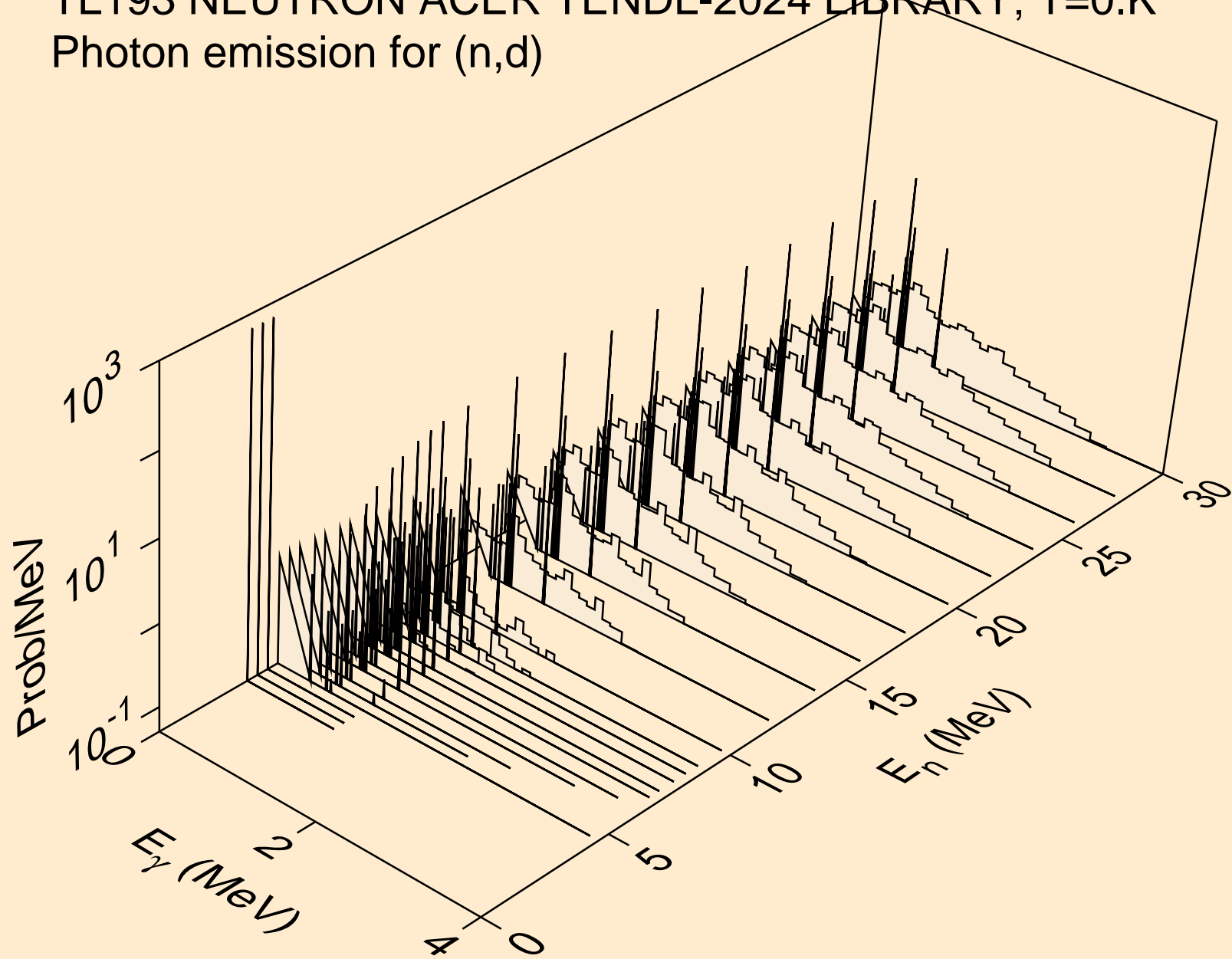
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Photon emission for (n,gma)



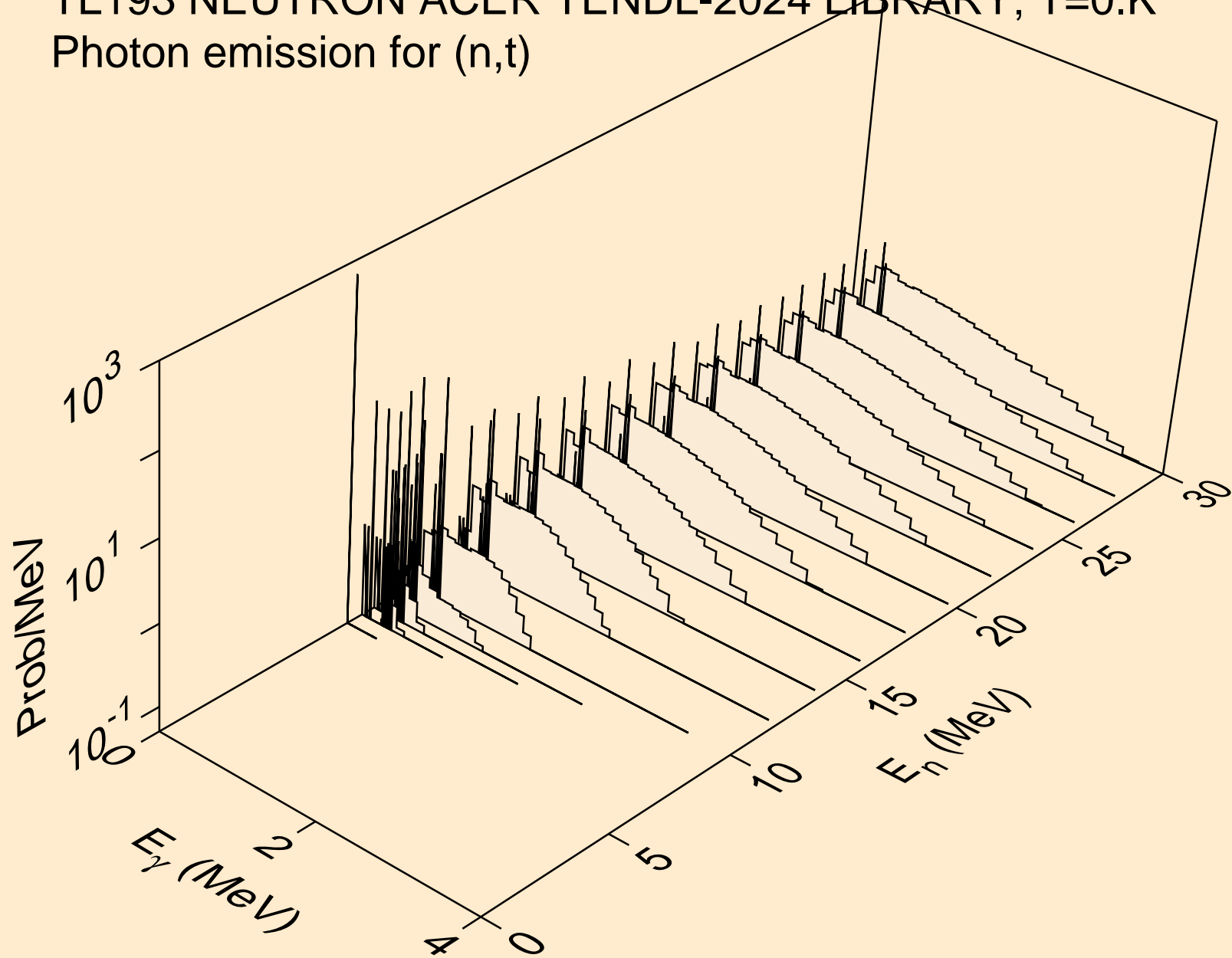
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Photon emission for (n,p)



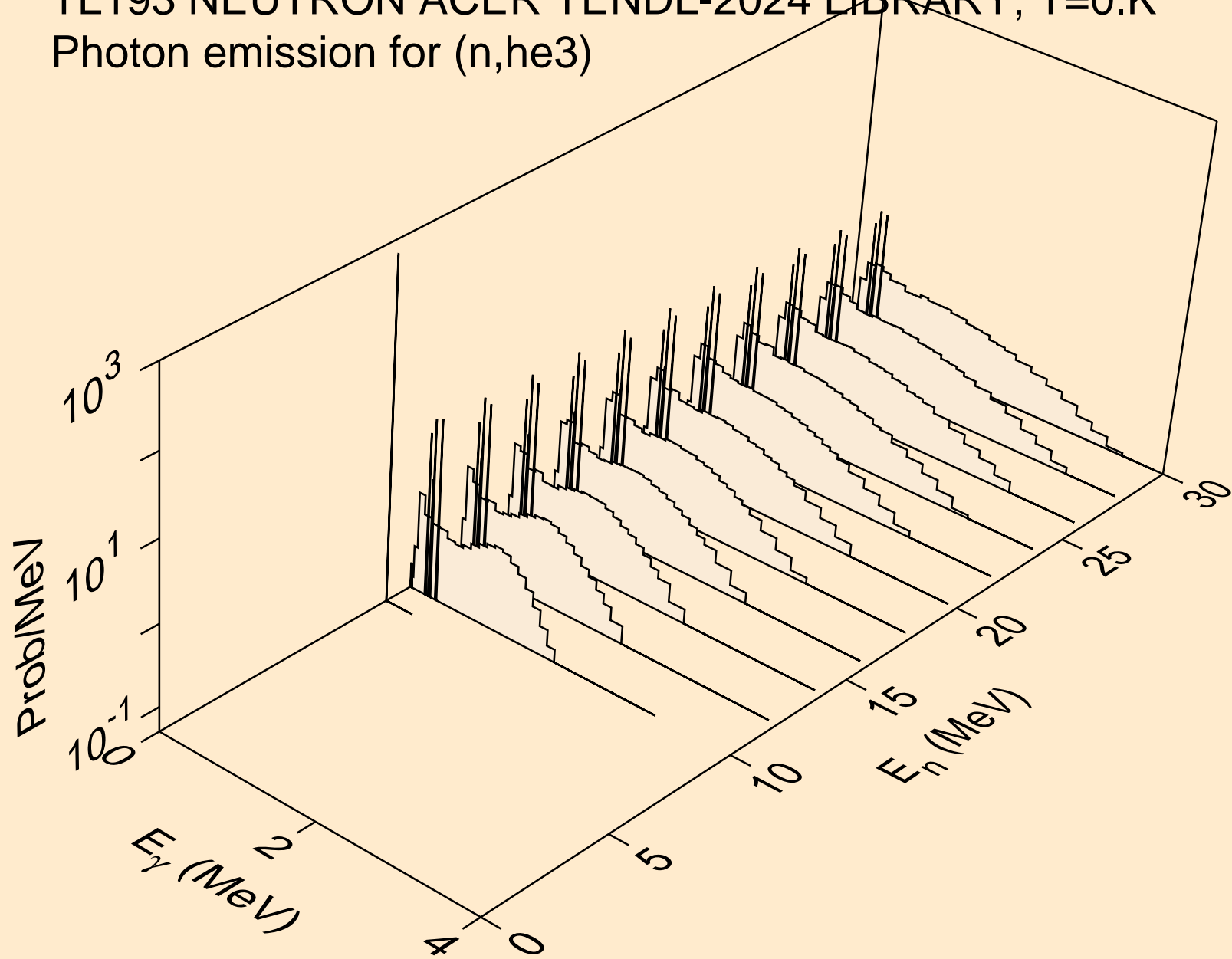
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Photon emission for (n,d)



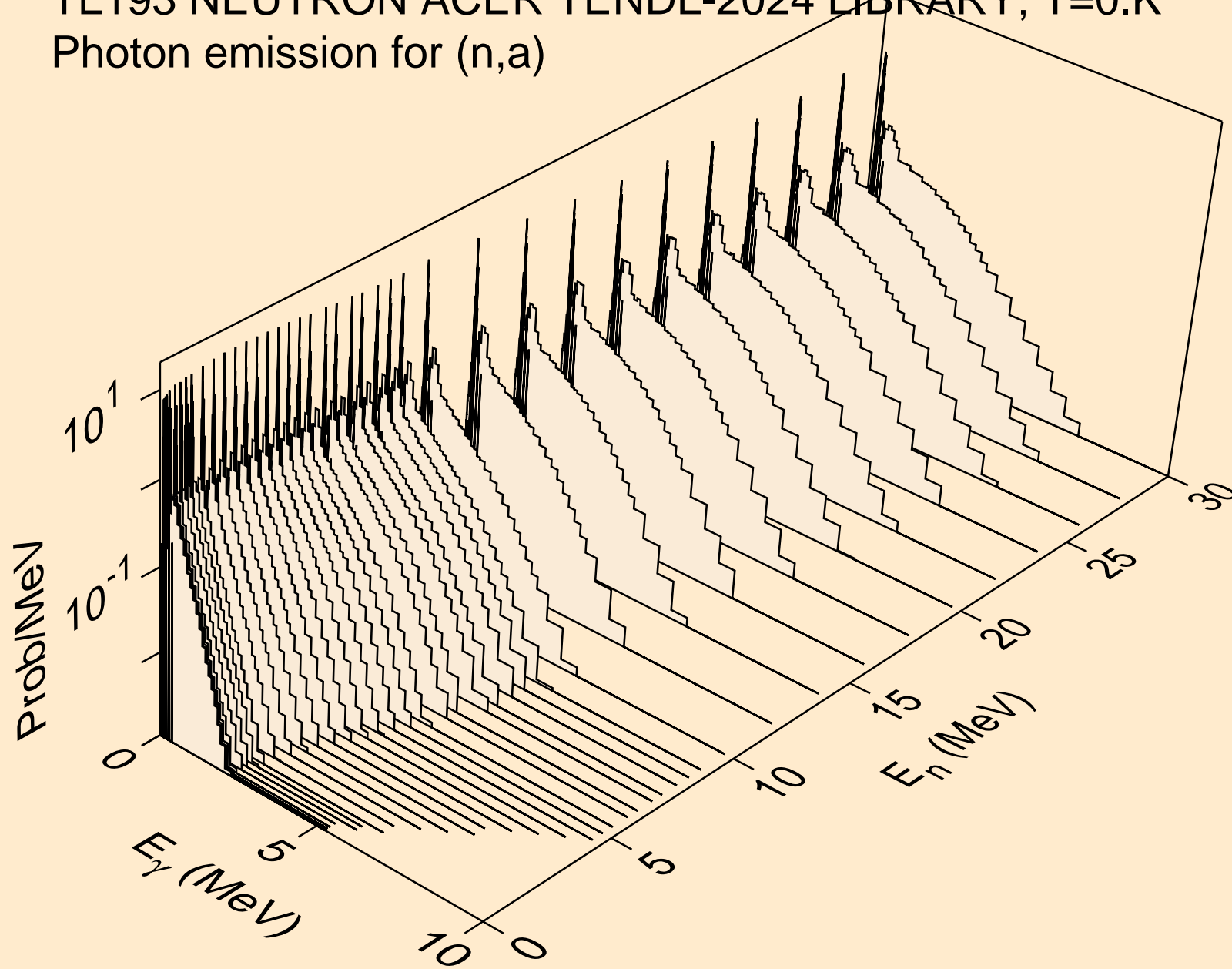
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



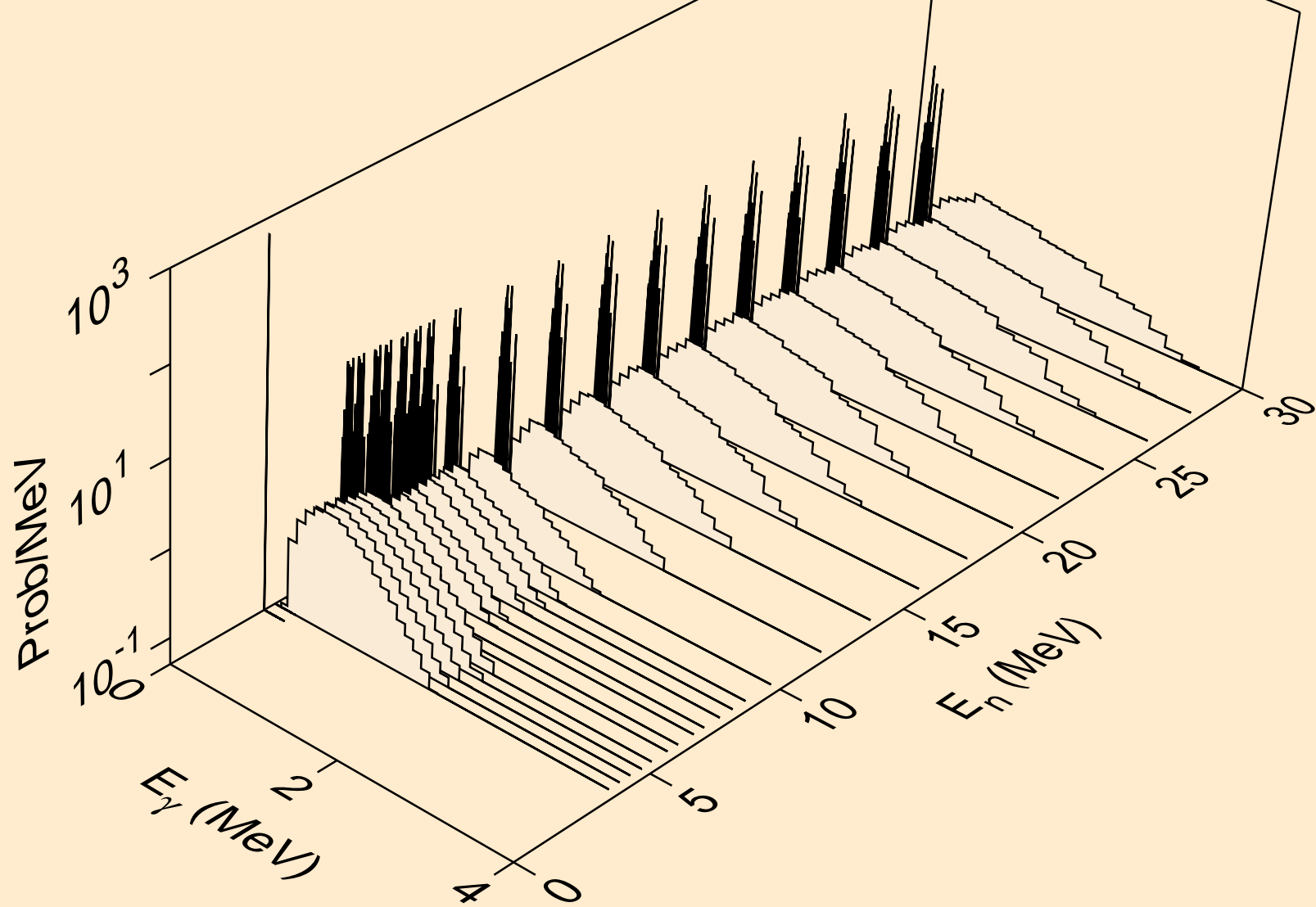
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



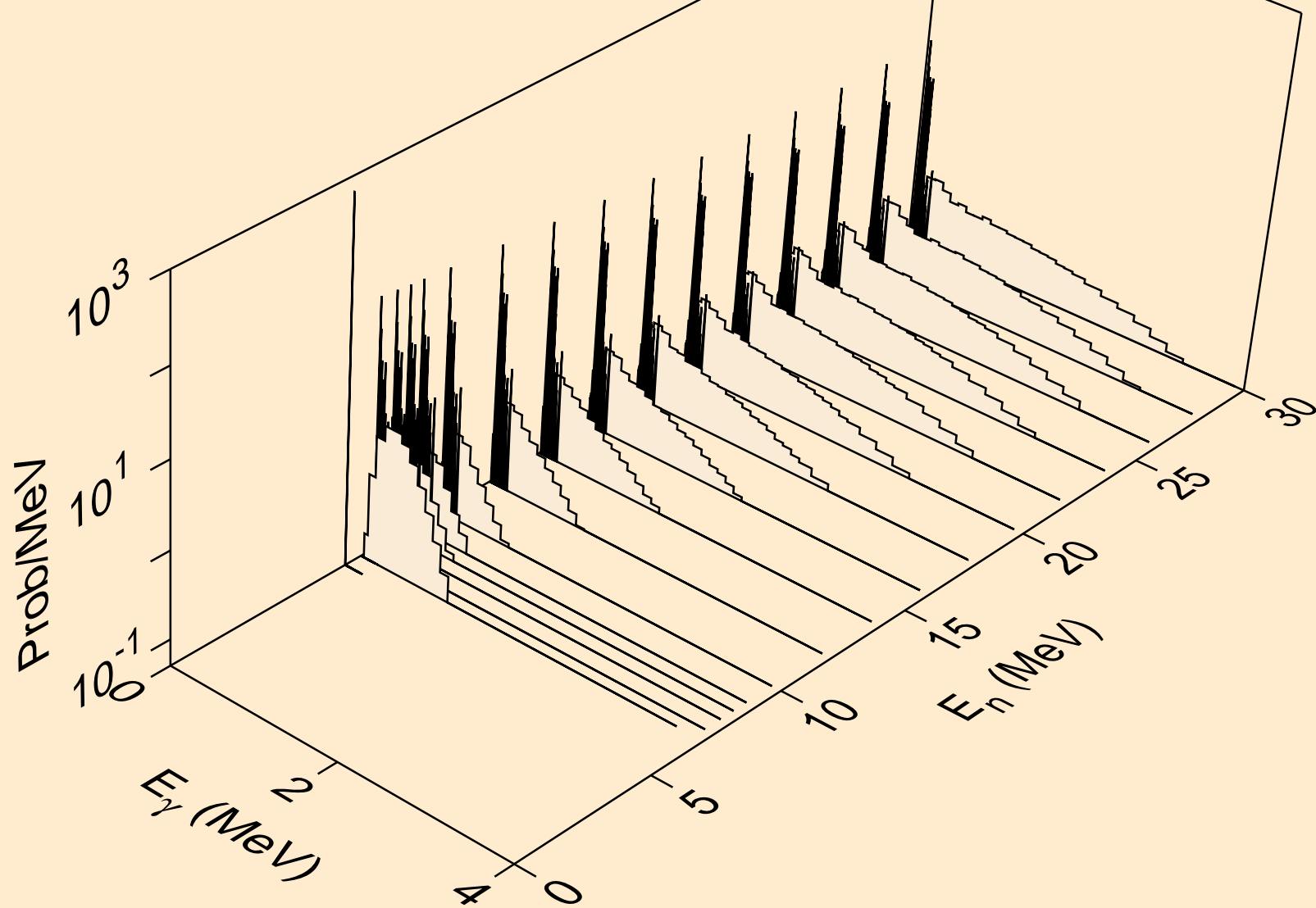
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



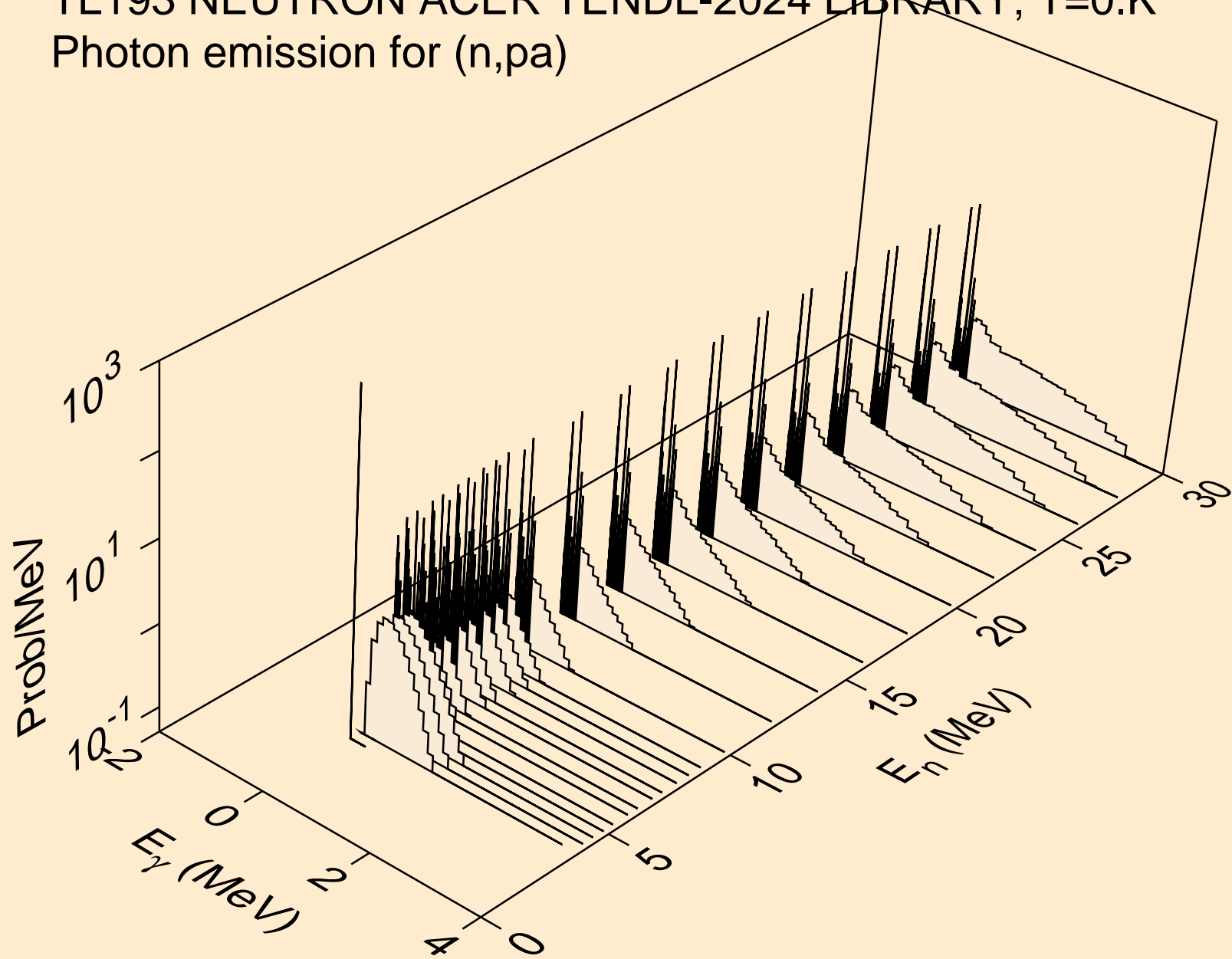
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Photon emission for (n,2a)



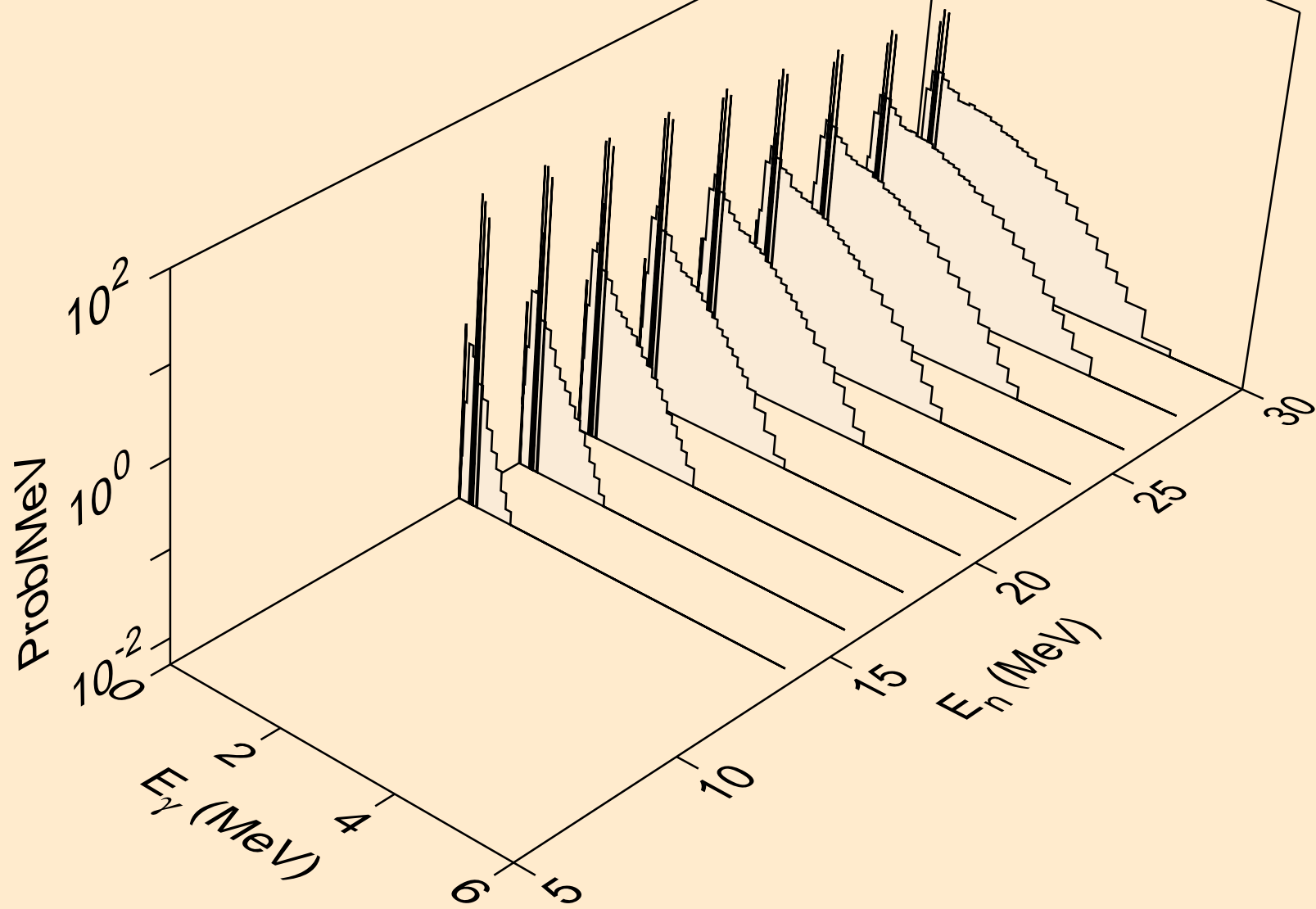
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Photon emission for (n,2p)



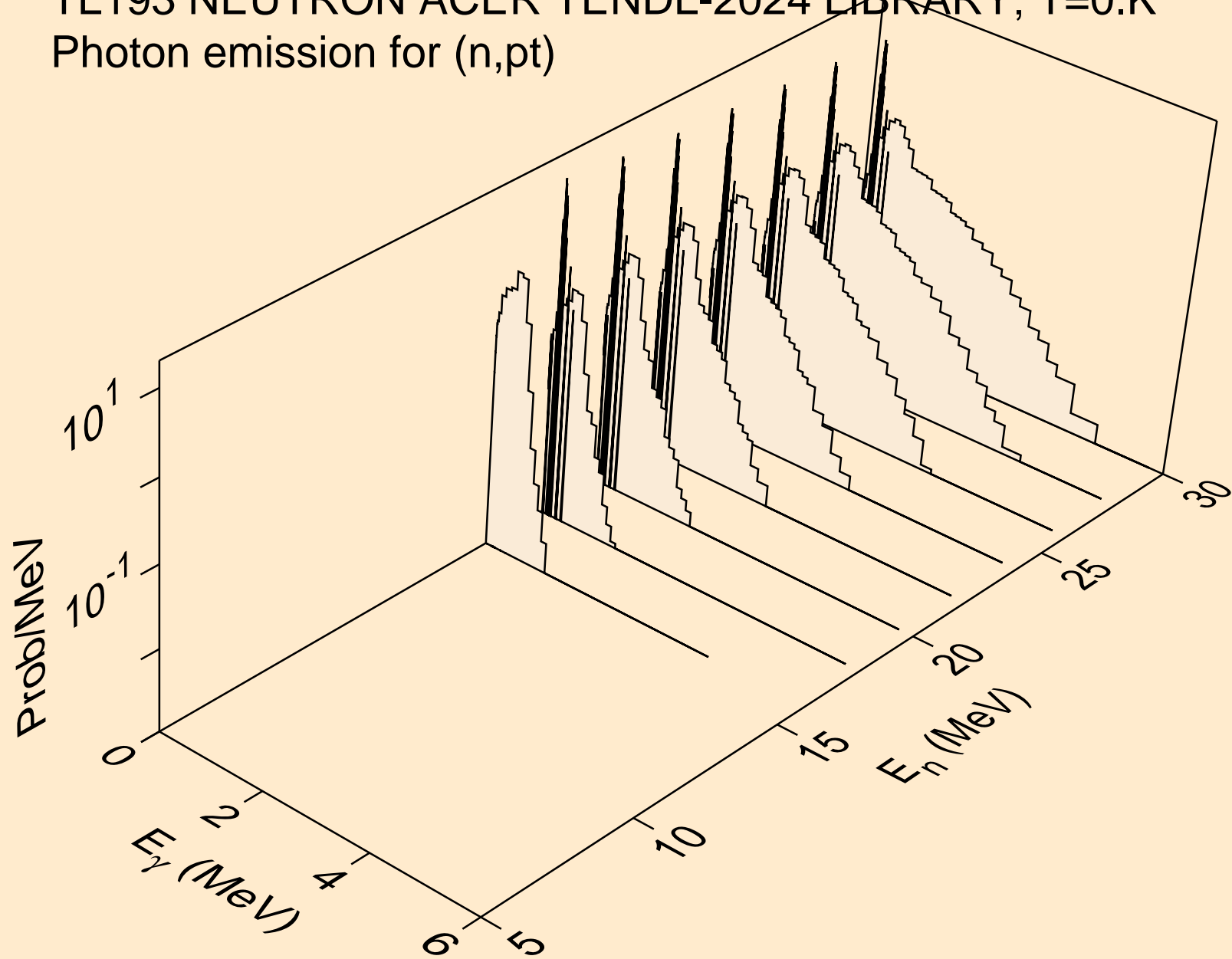
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Photon emission for (n,p α)



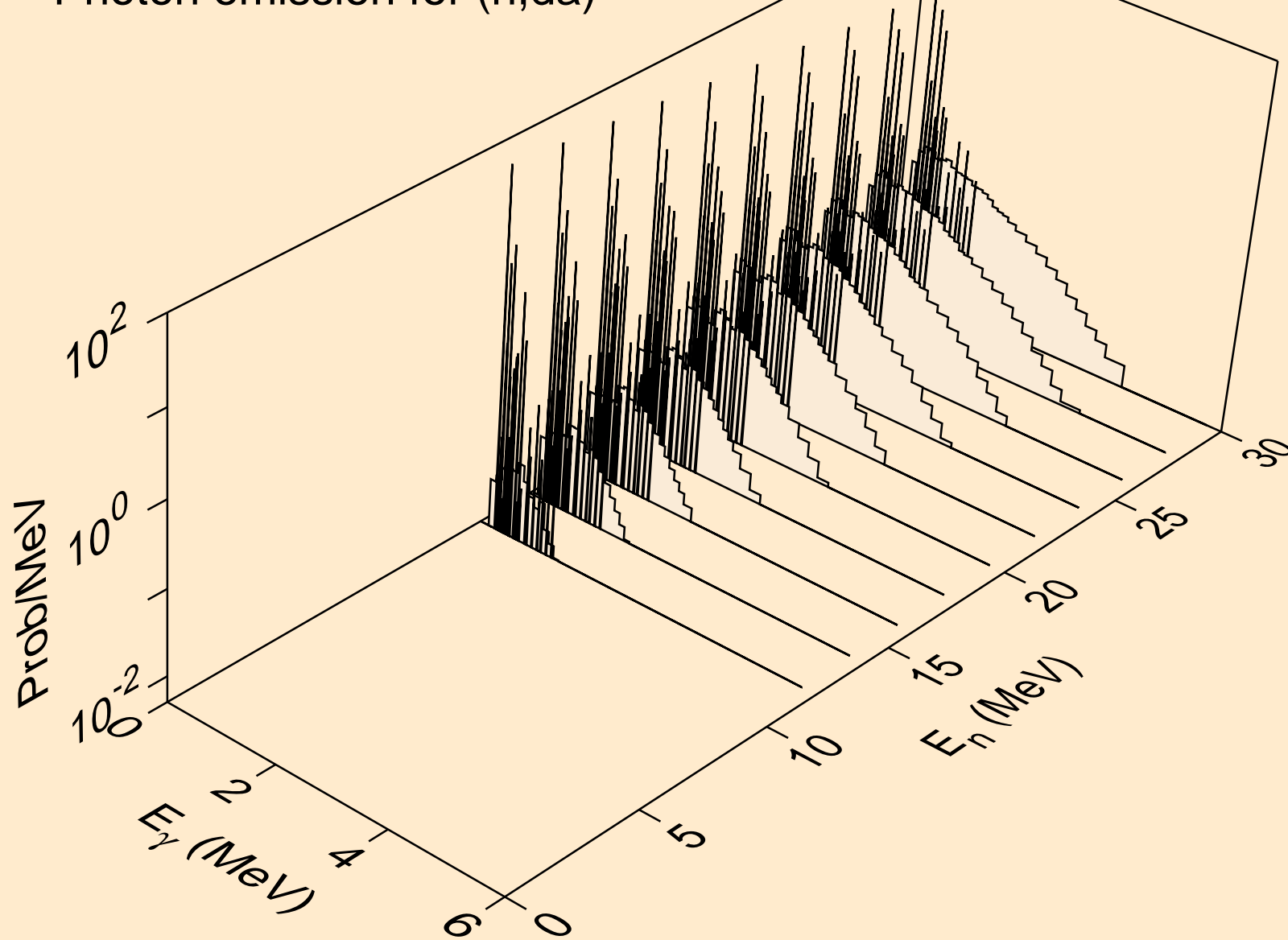
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Photon emission for (n,pd)



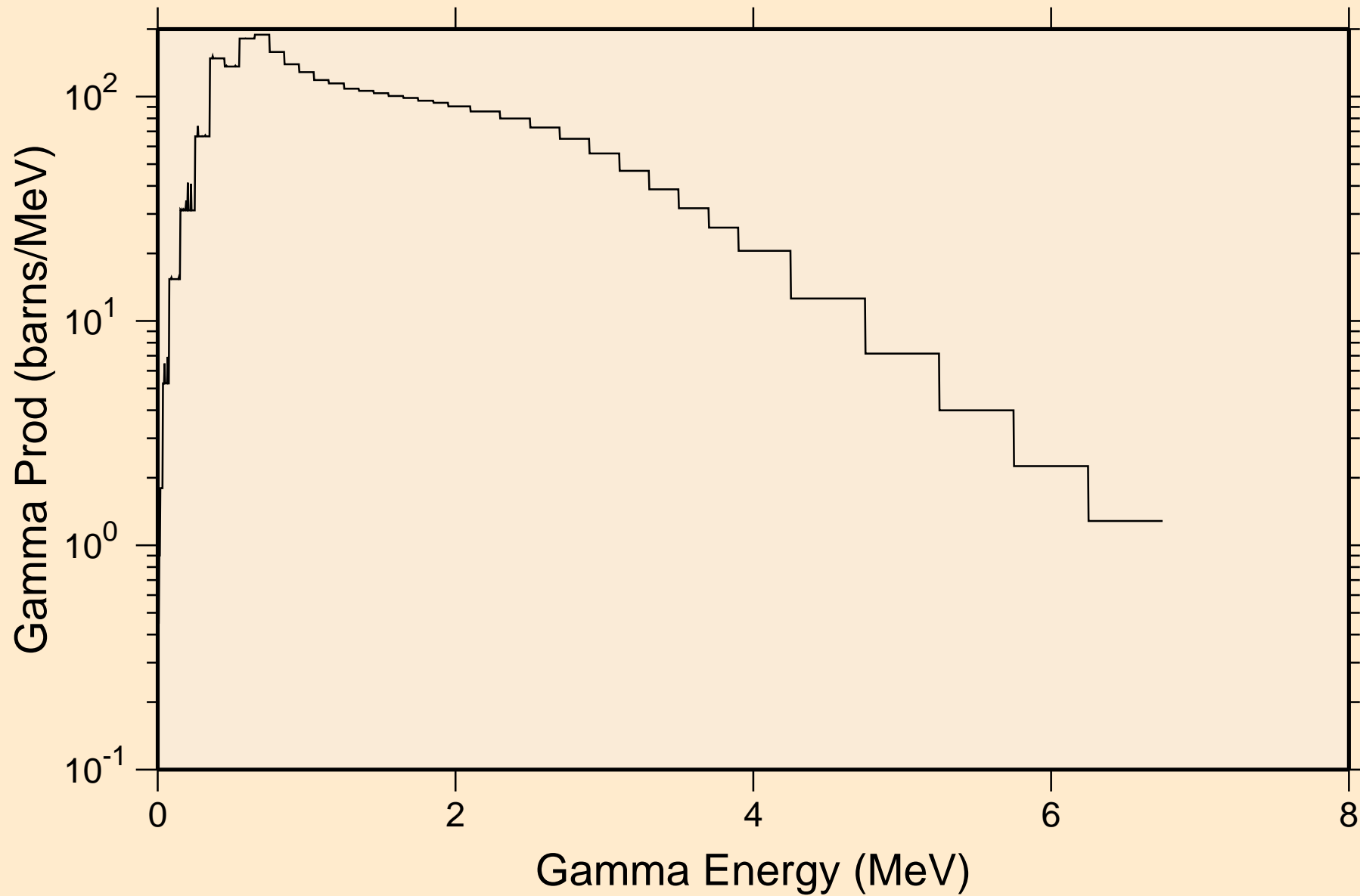
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



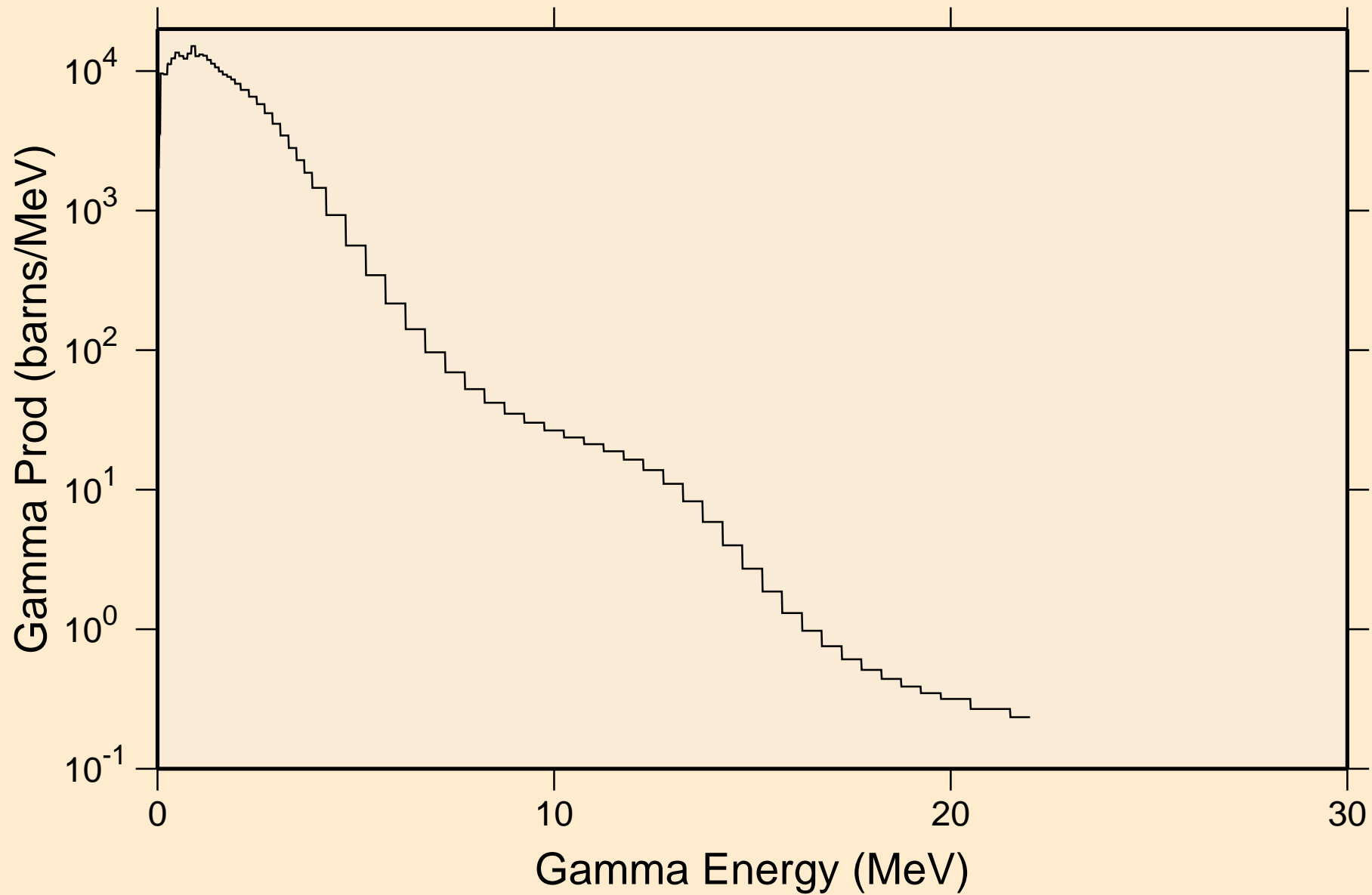
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

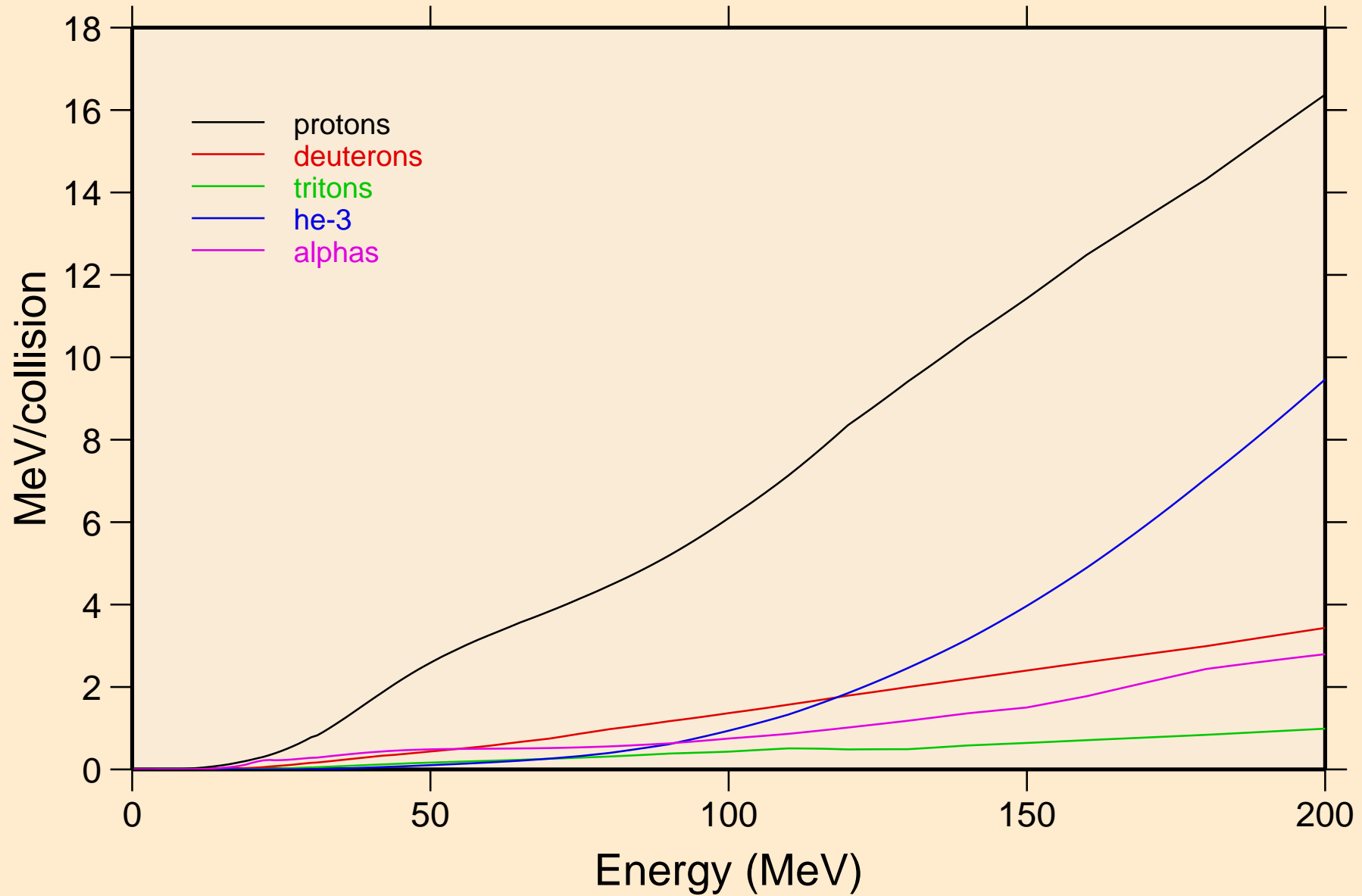


TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum

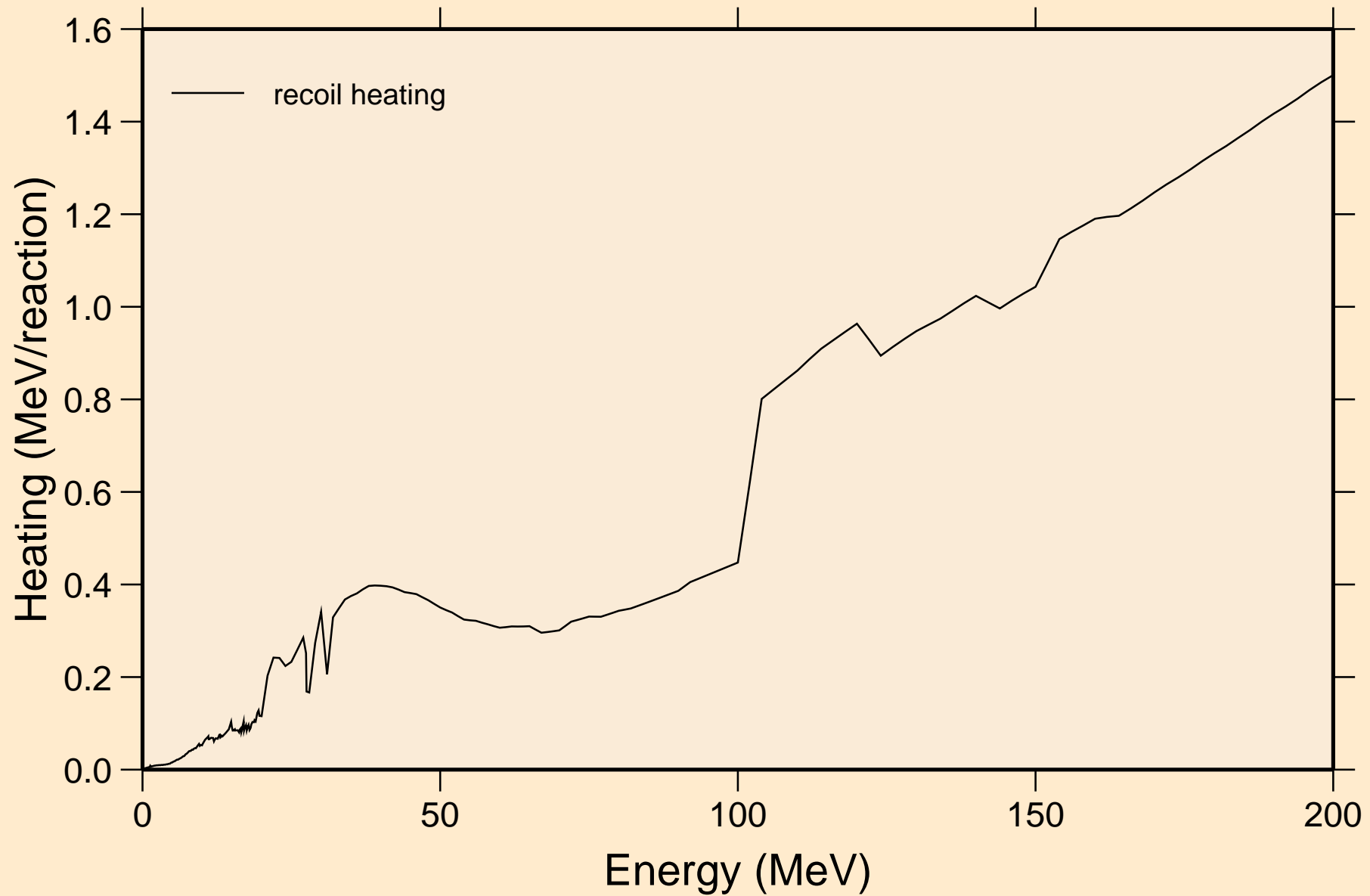


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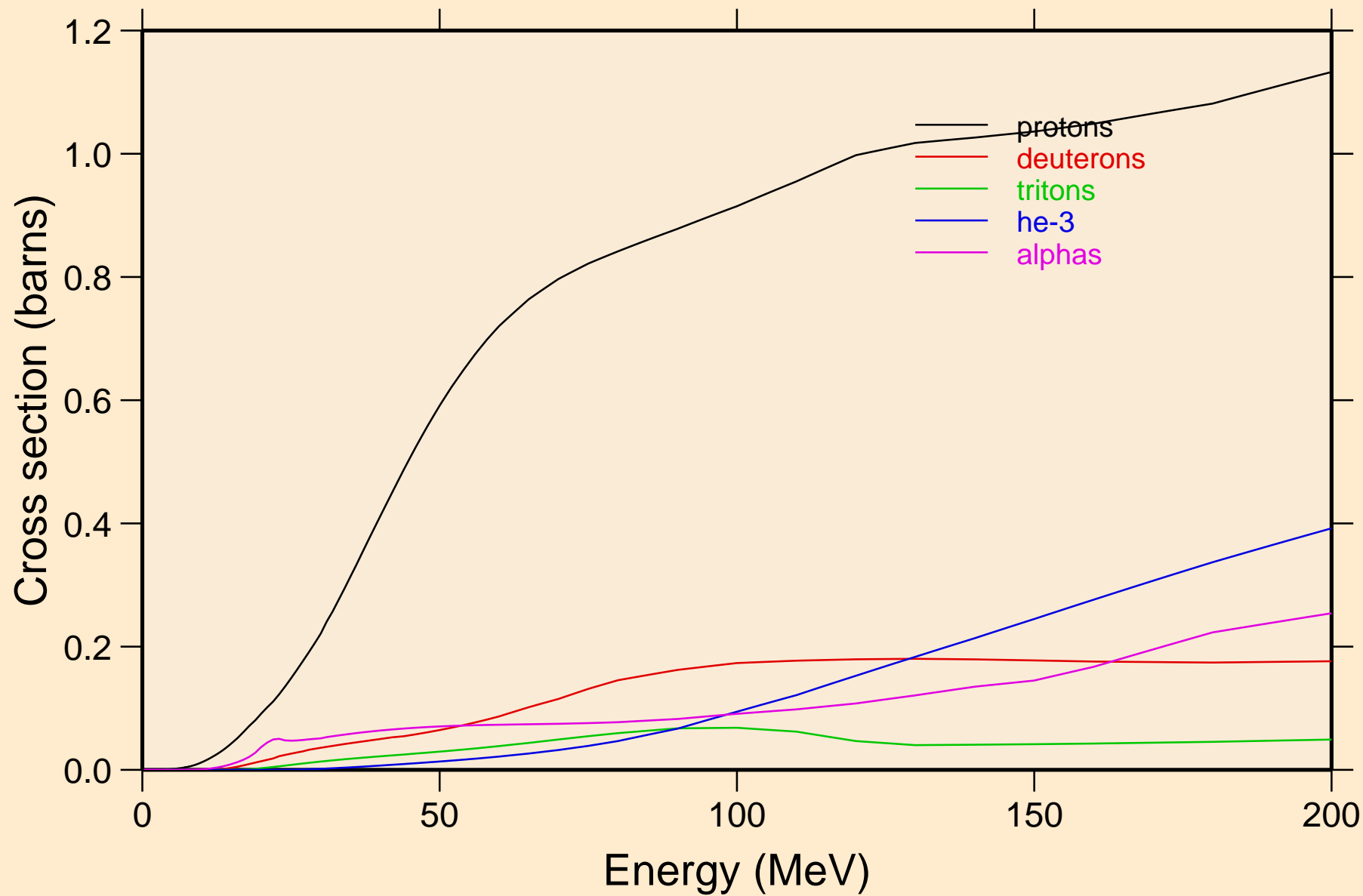
Particle heating contributions



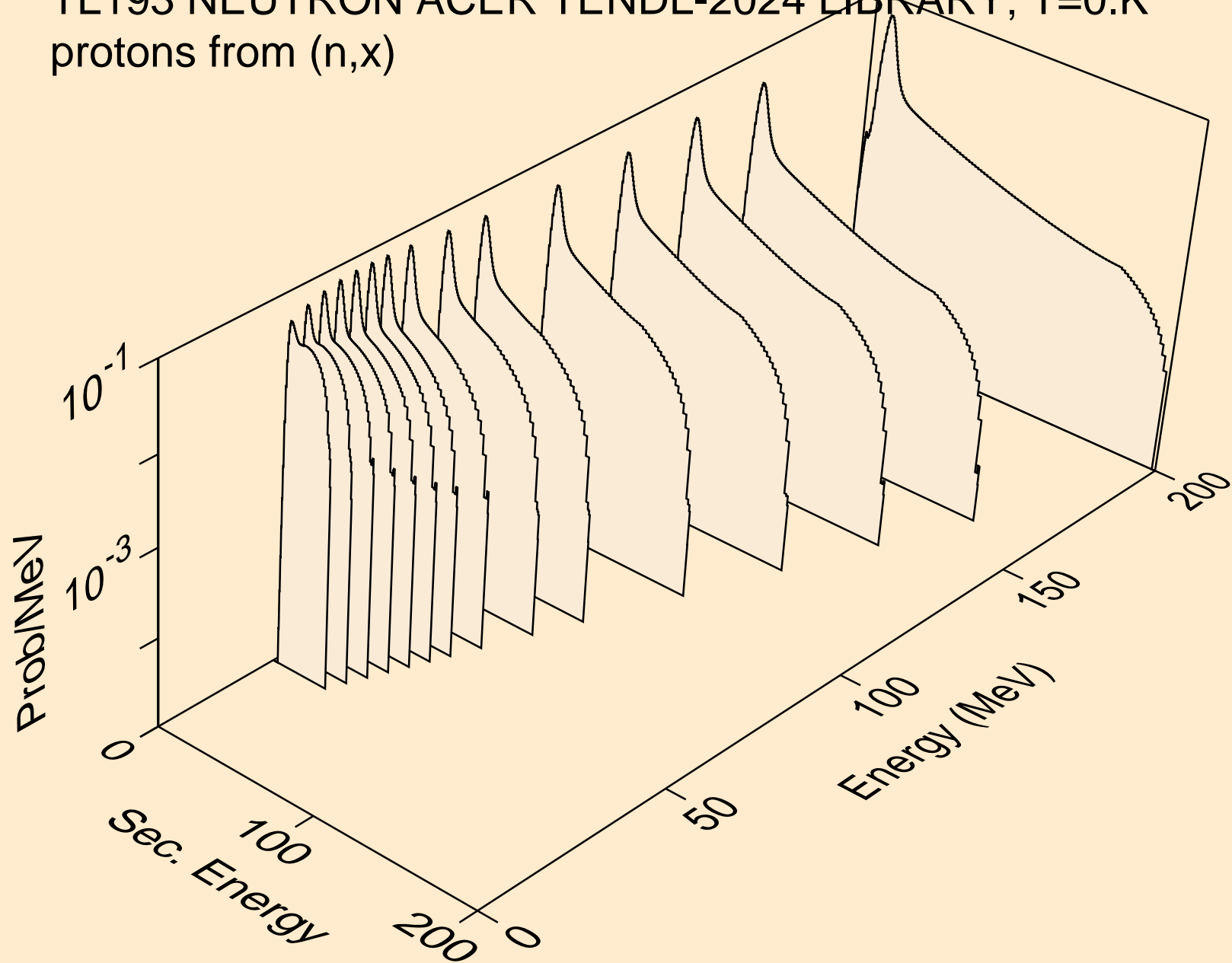
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Recoil Heating



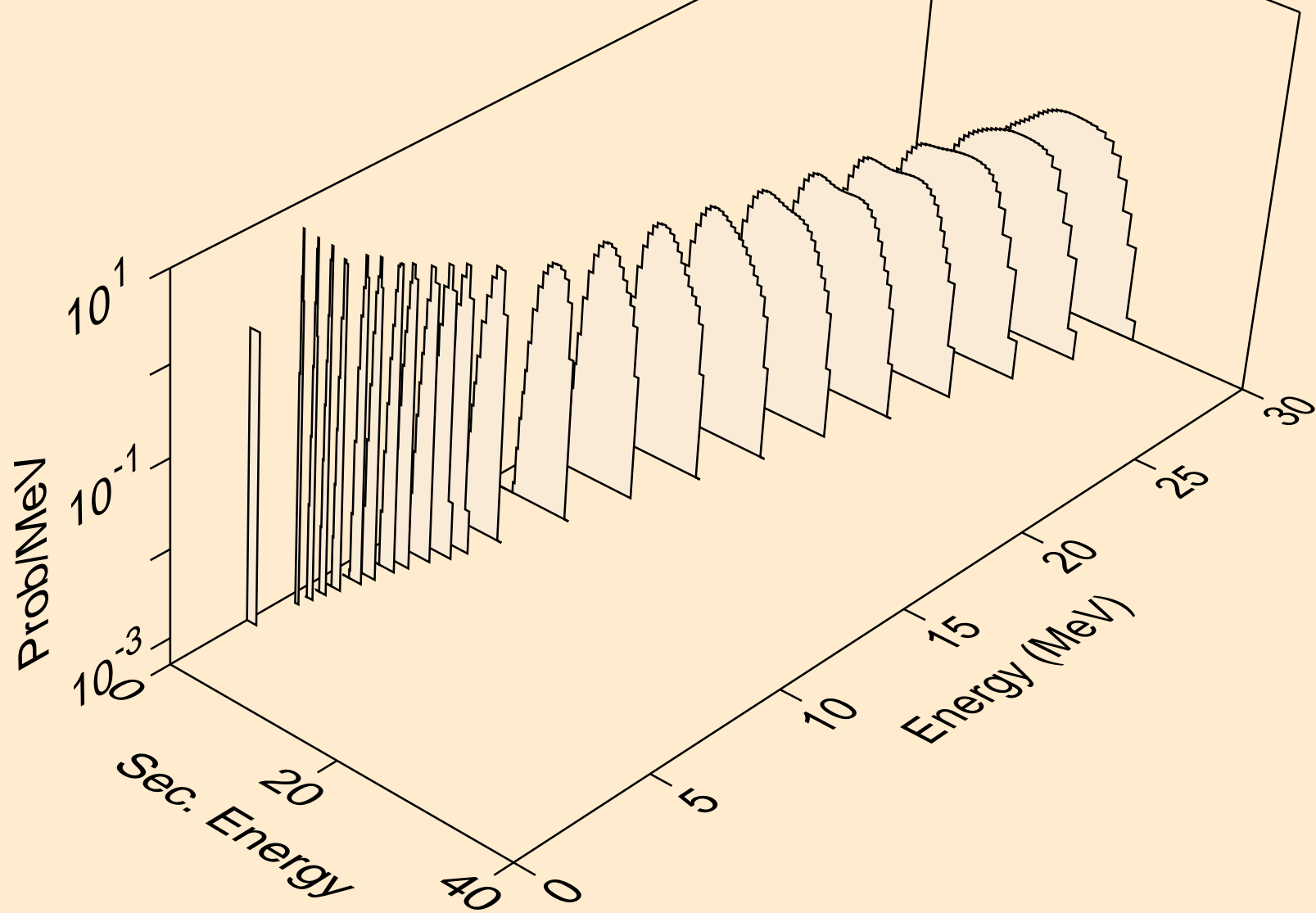
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Particle production cross sections



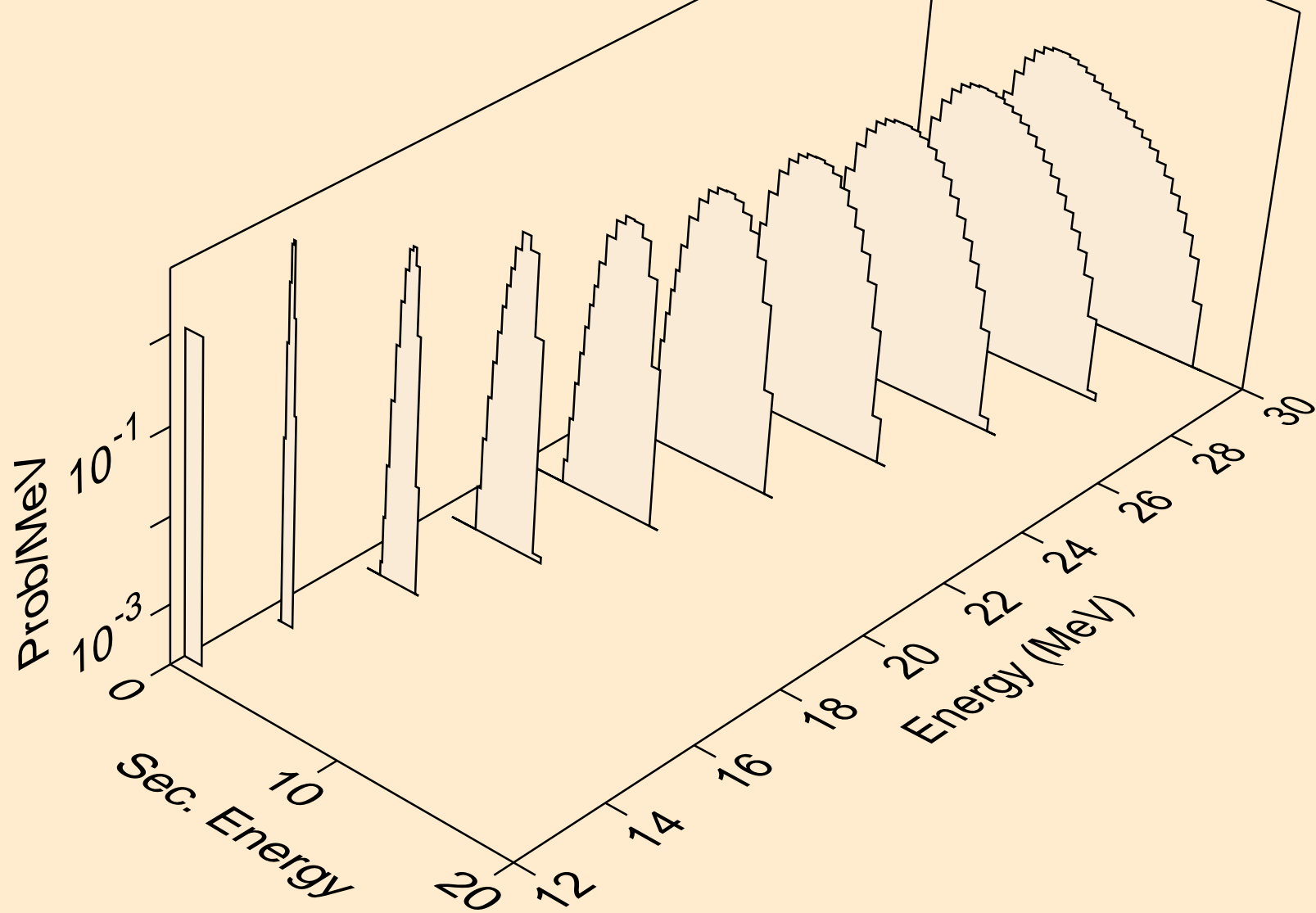
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



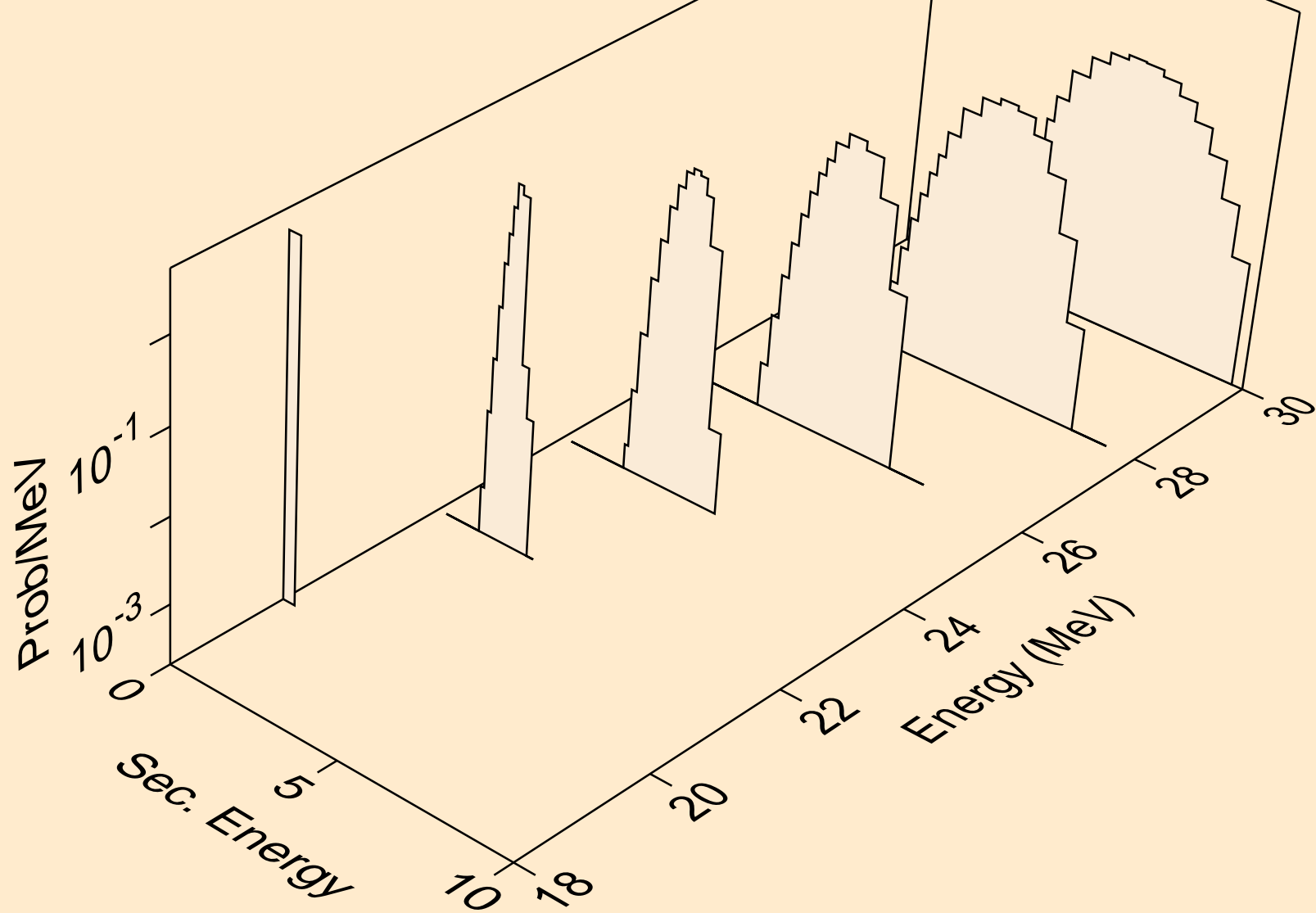
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



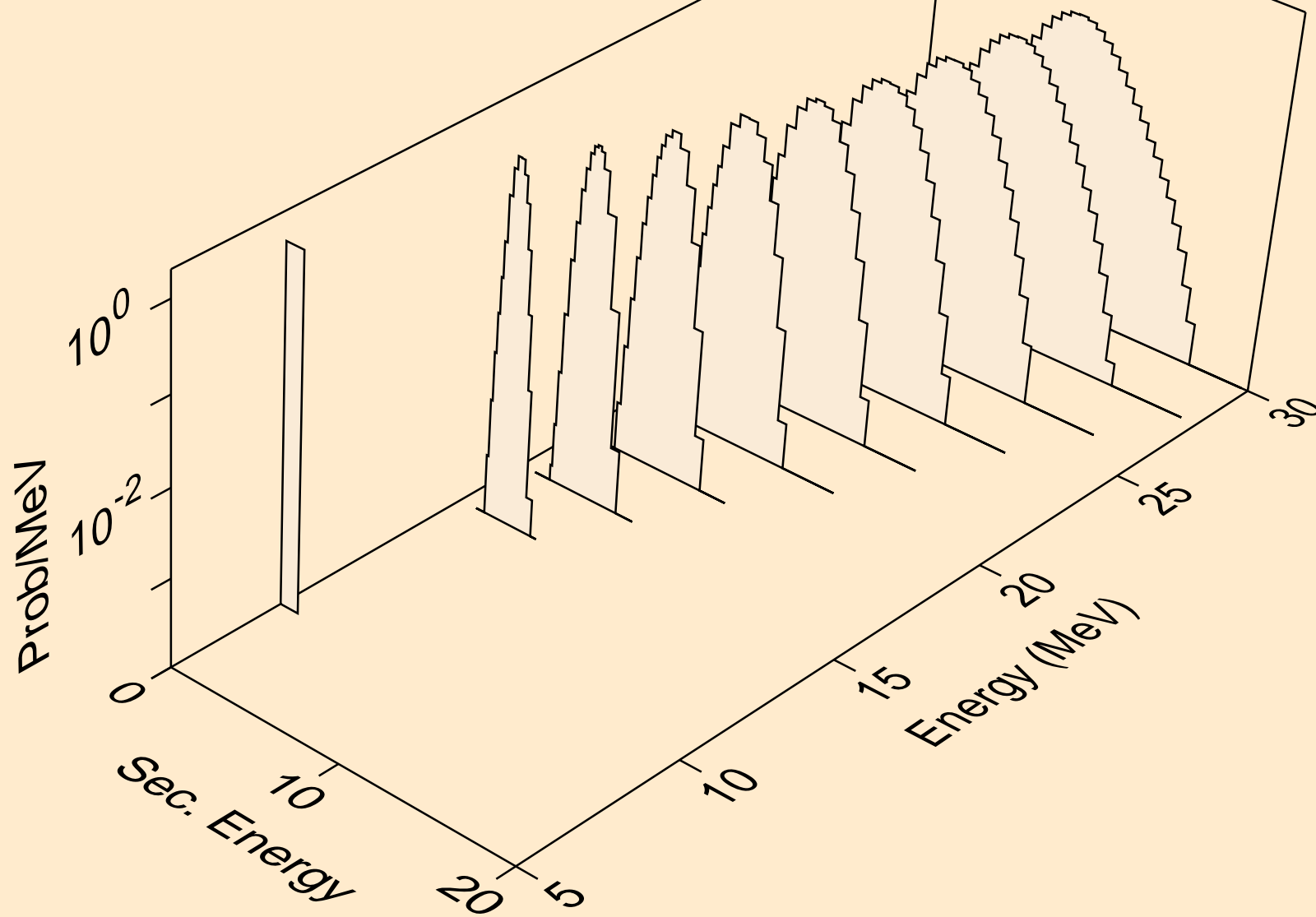
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



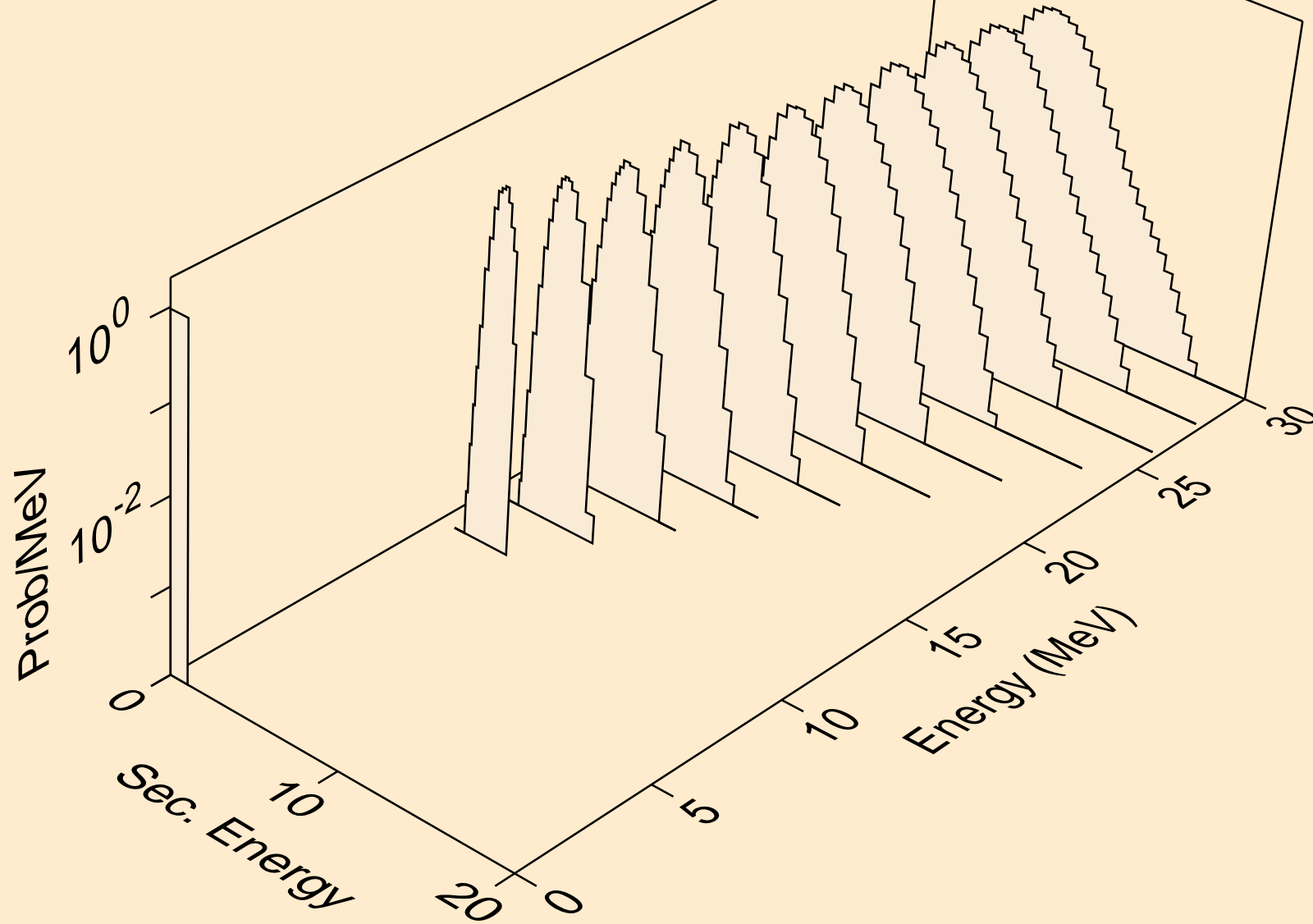
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protons from (n,3np)



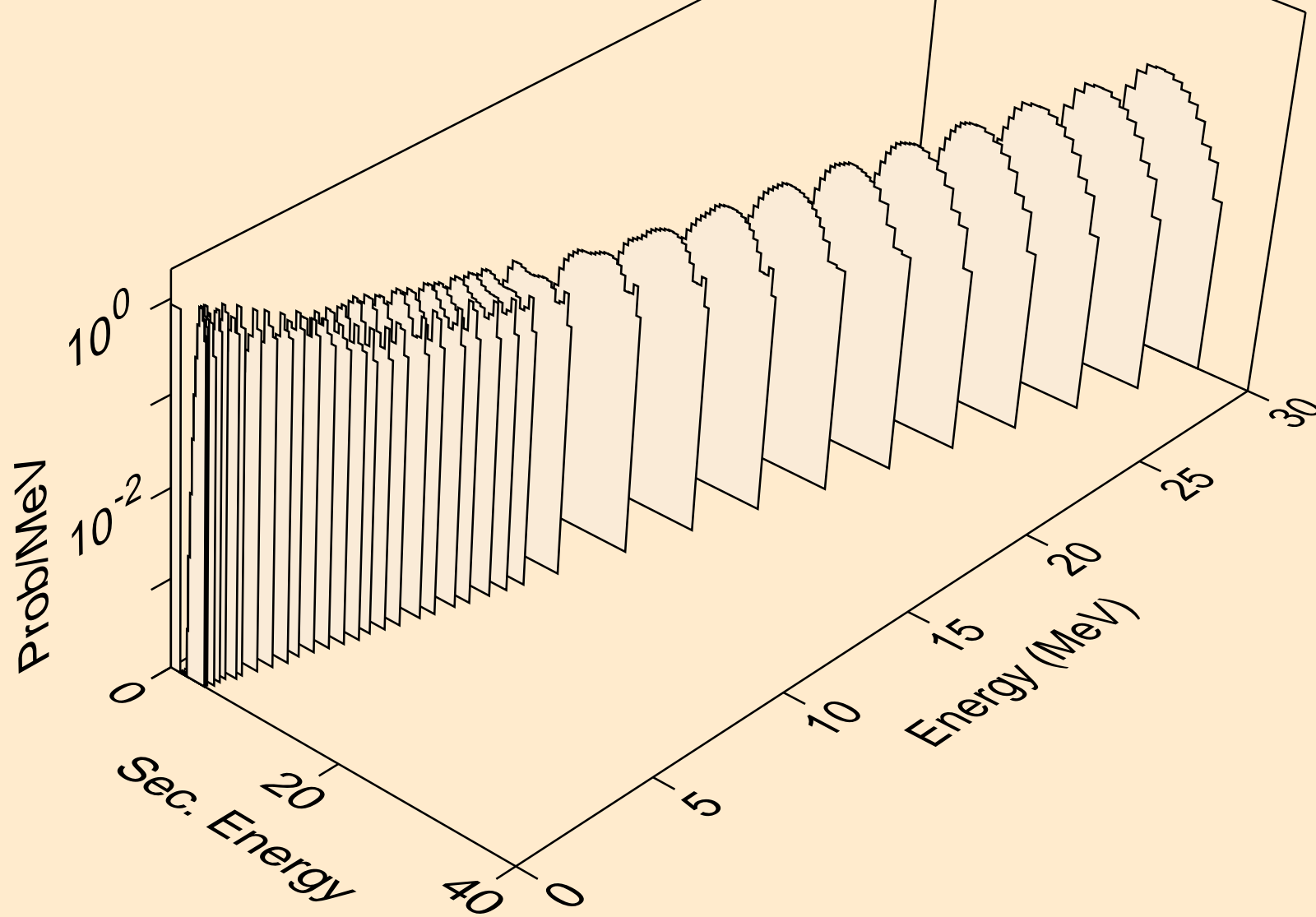
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protons from (n,n2p)



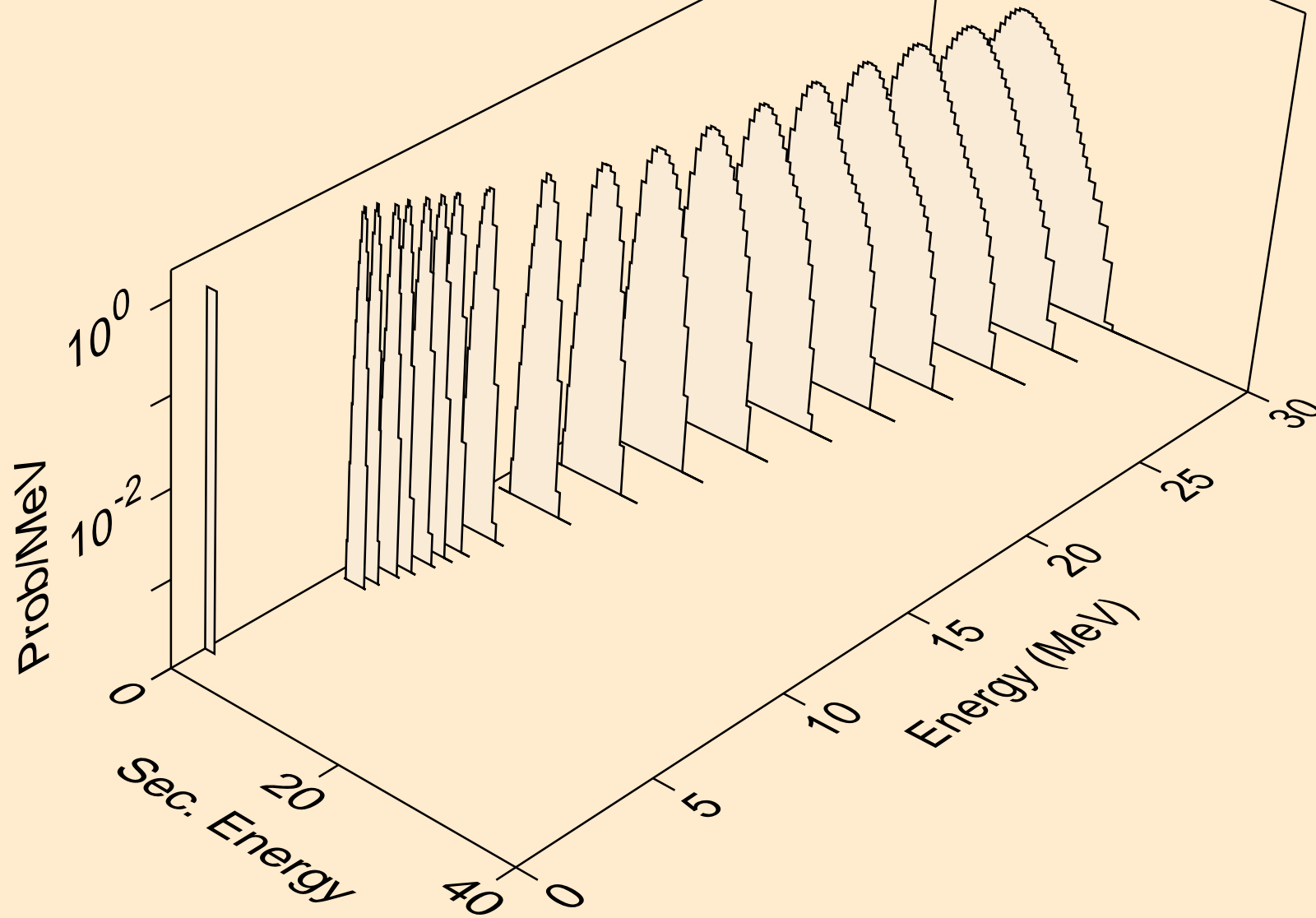
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protons from (n,npa)



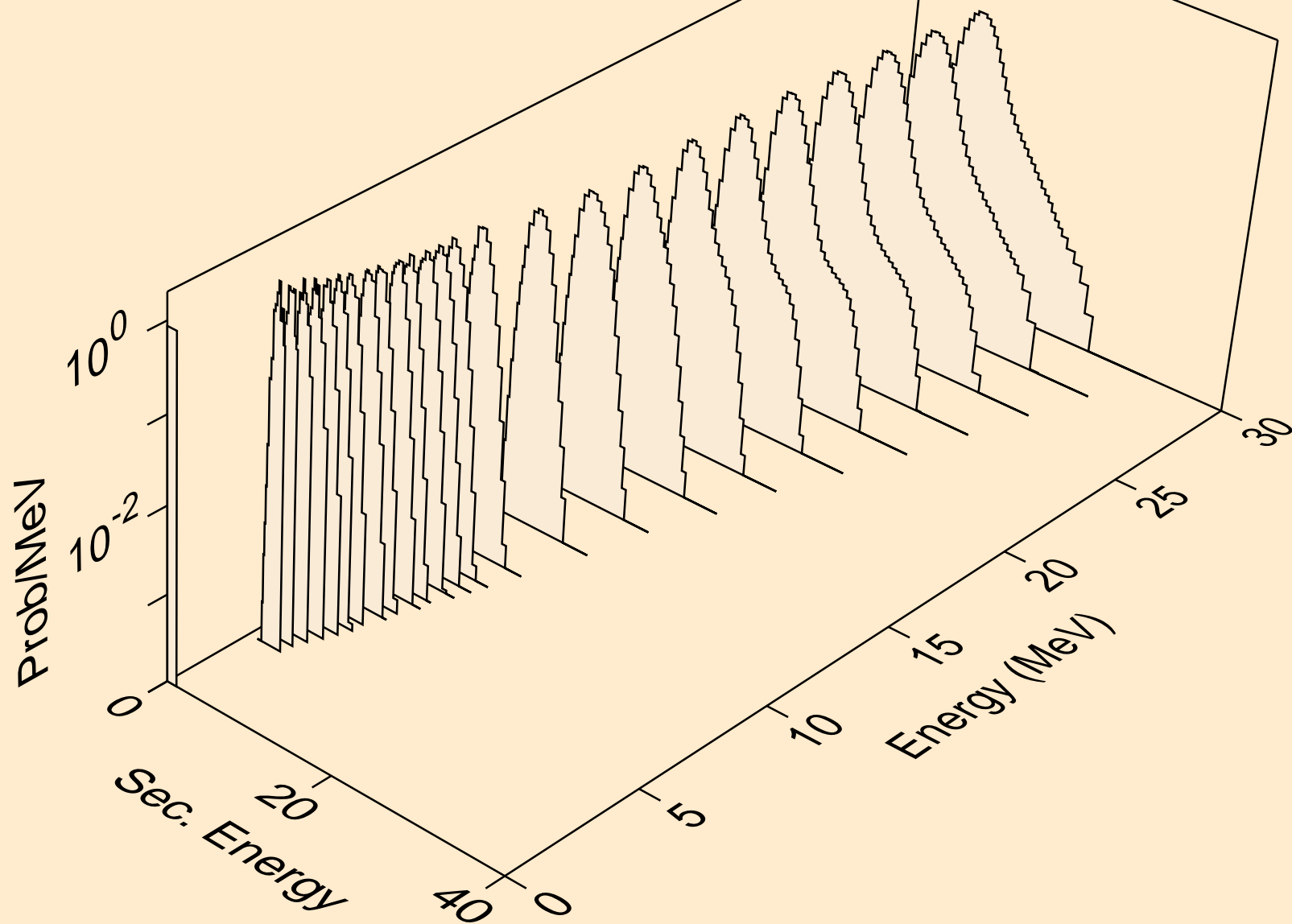
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



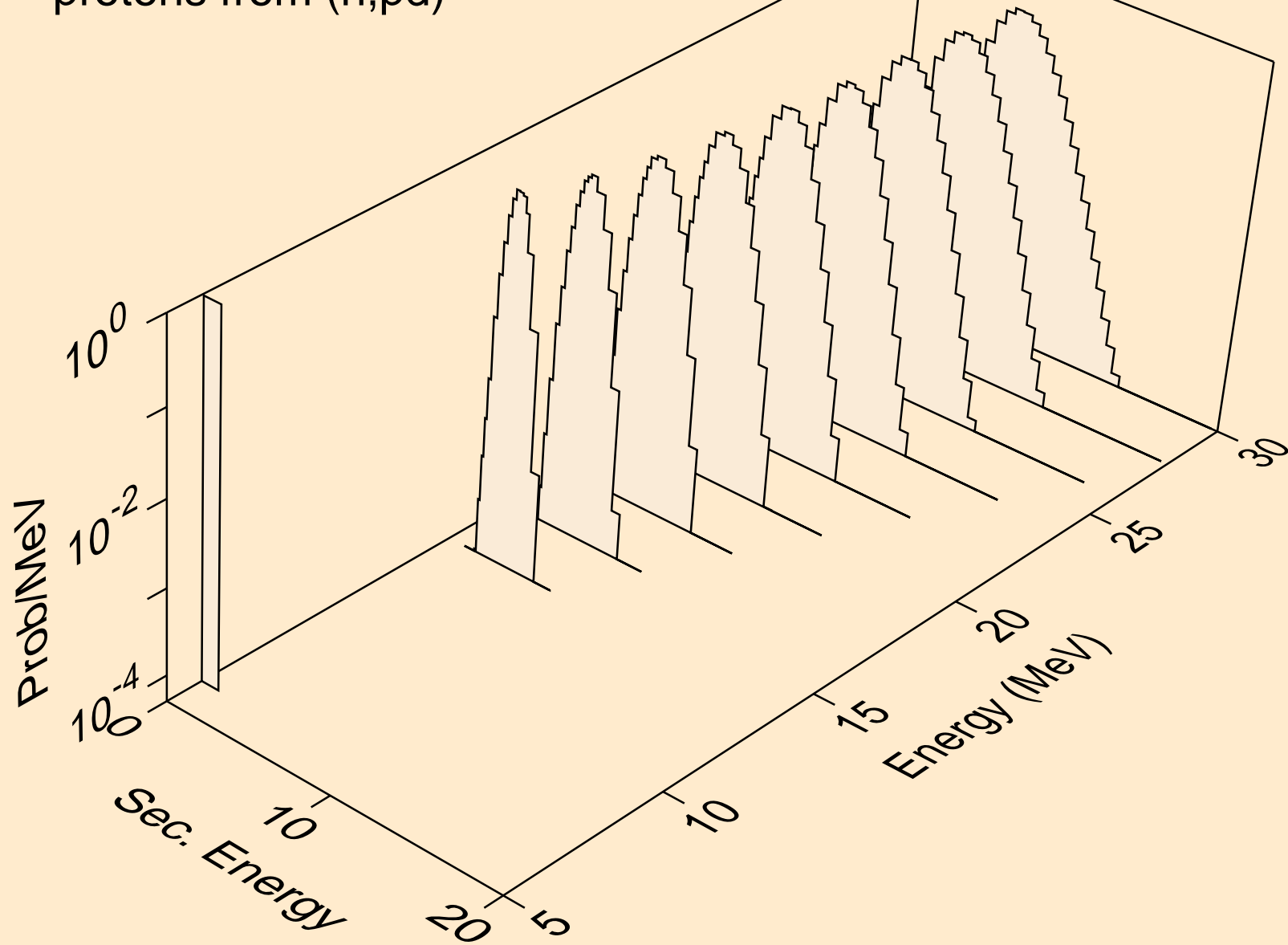
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protons from (n,2p)



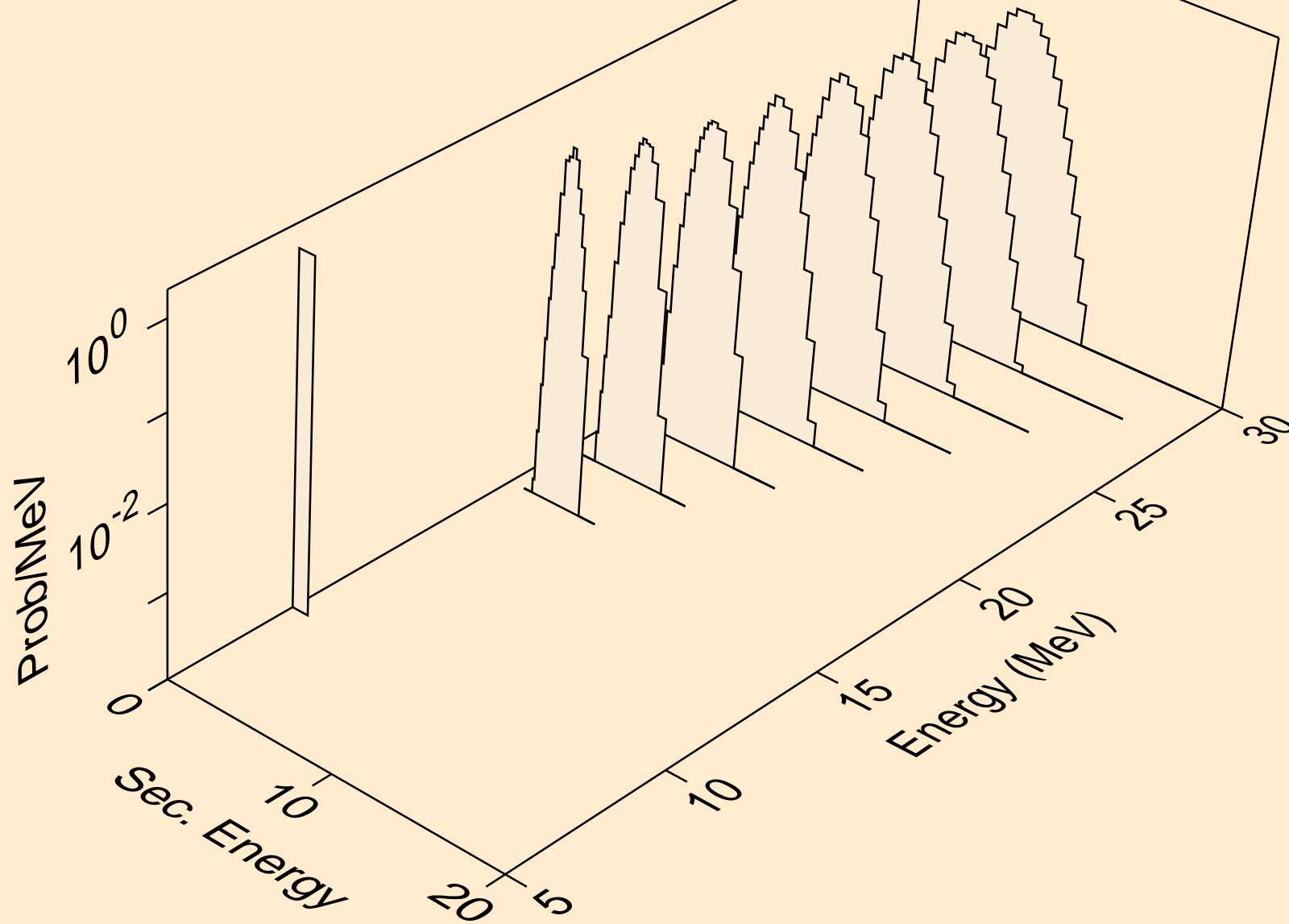
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protons from (n,p)



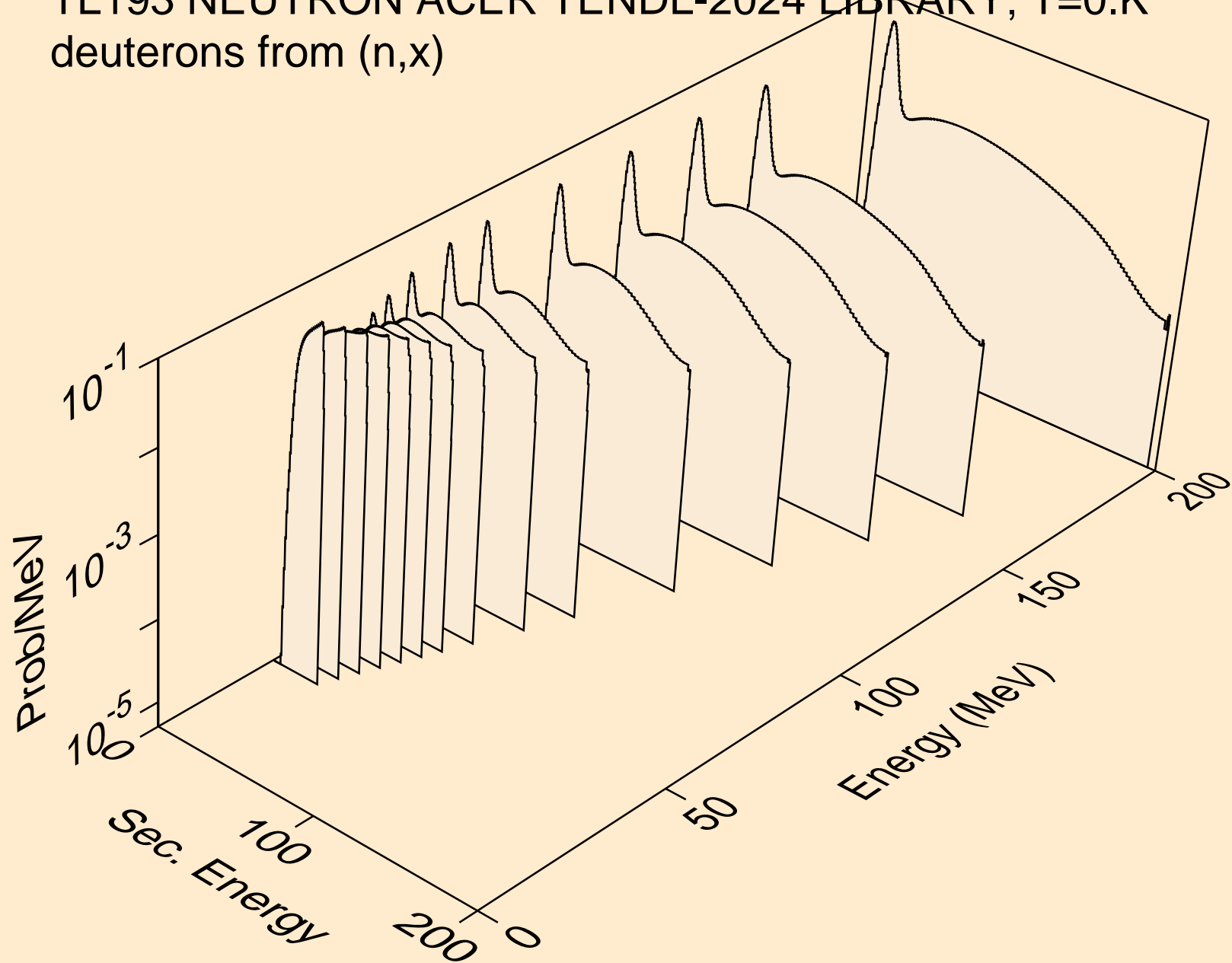
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protons from (n,pd)



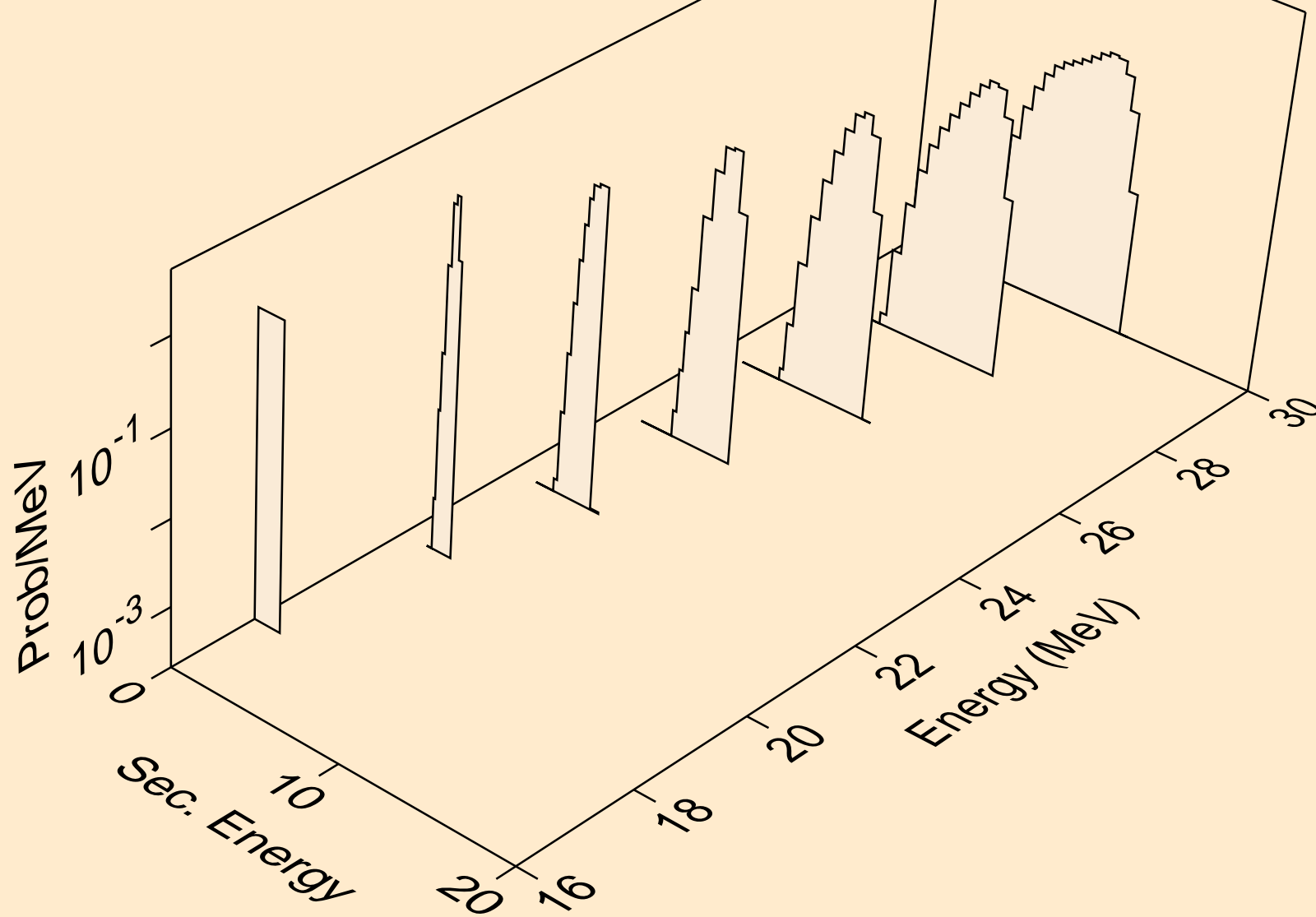
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protons from (n,pt)



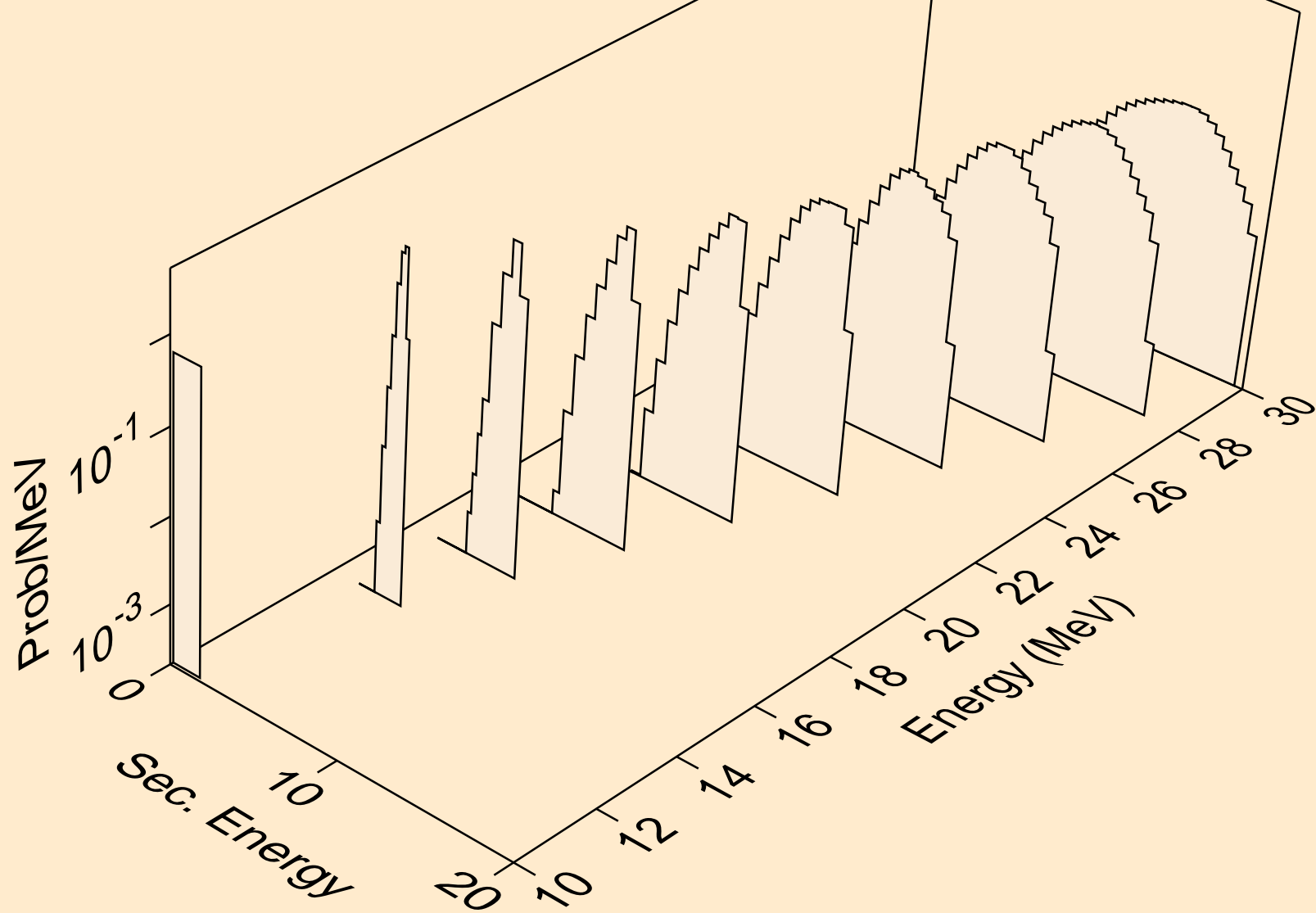
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deuterons from (n,x)



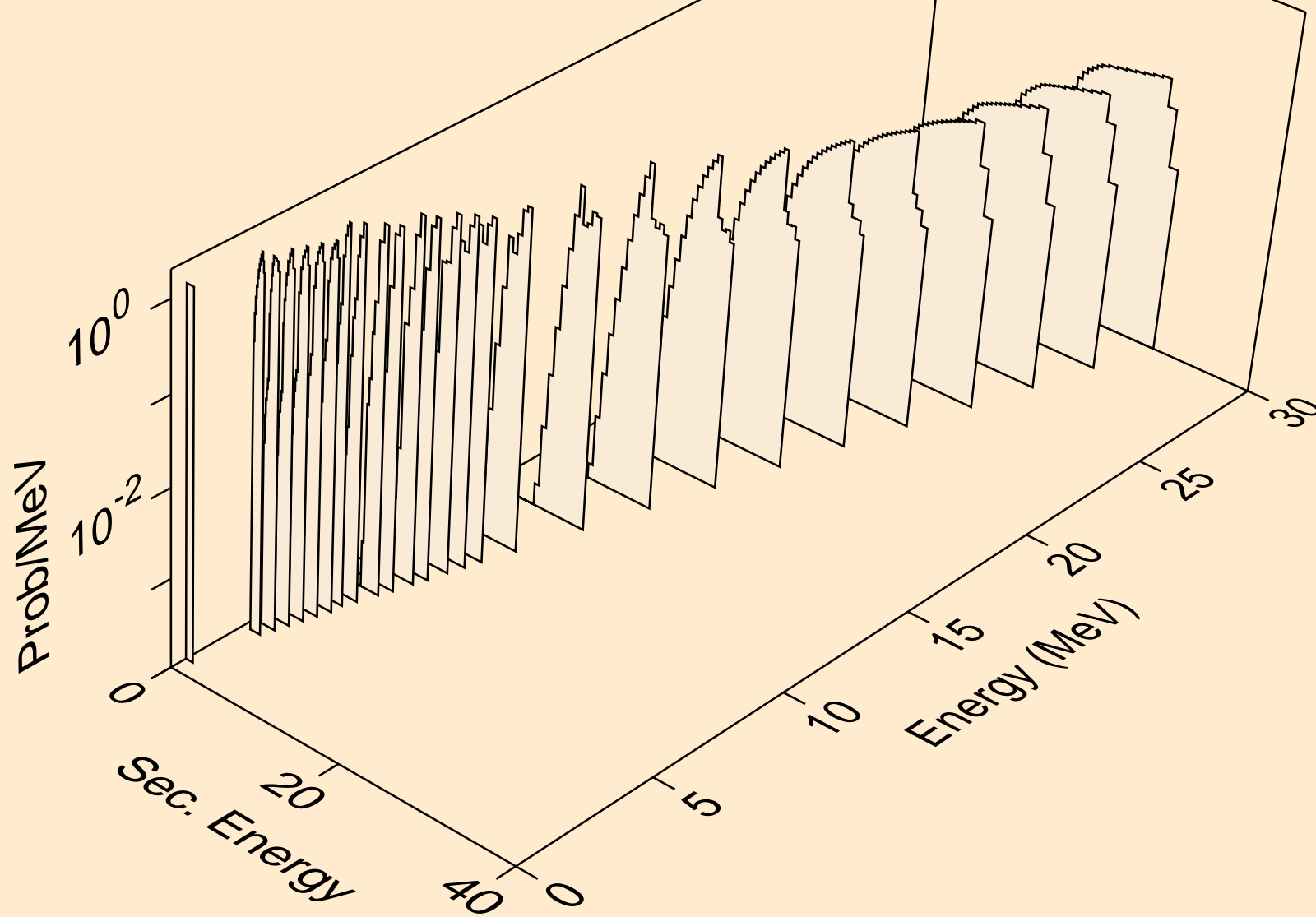
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deuterons from (n,2nd)



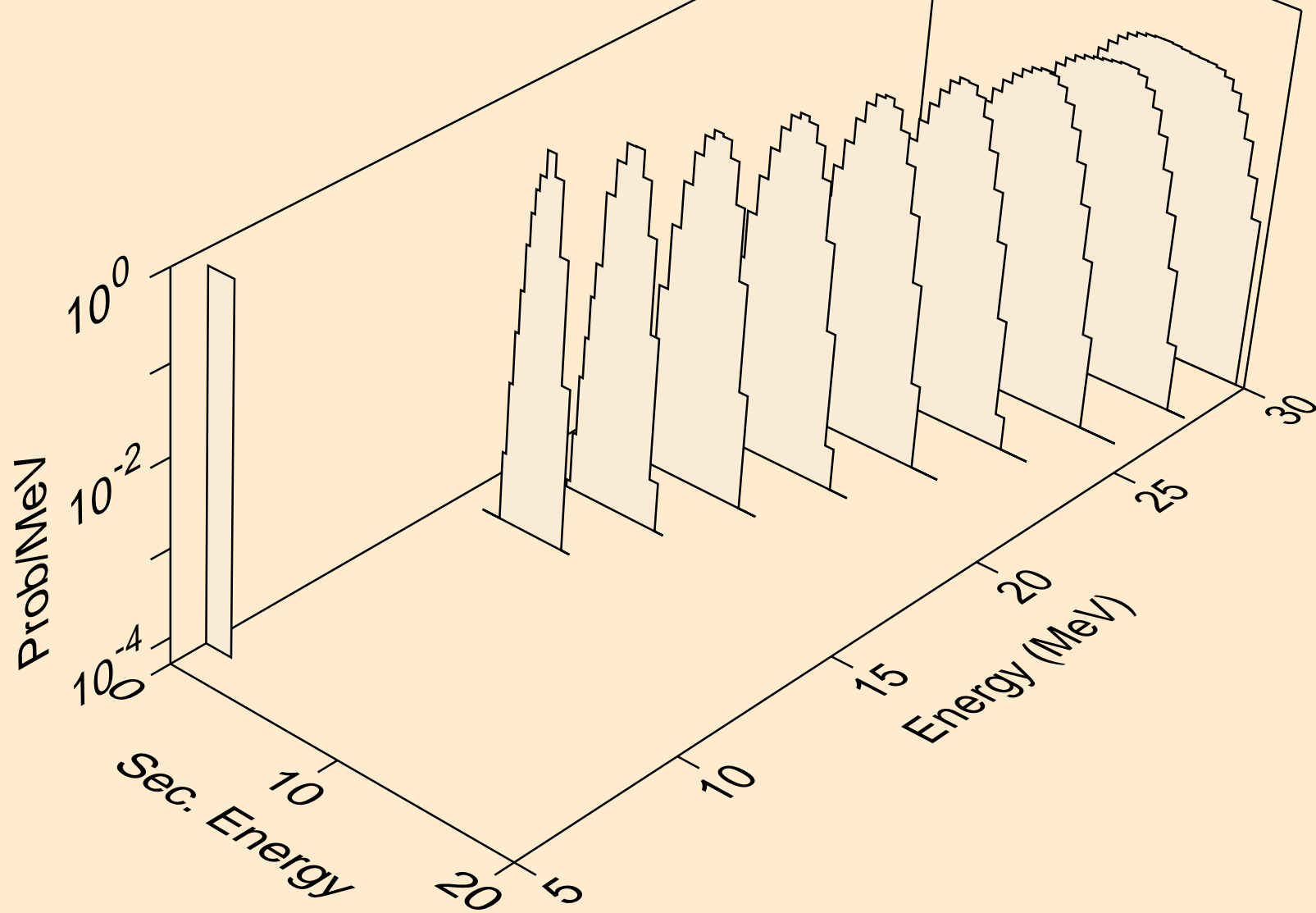
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deuterons from (n,n*)d



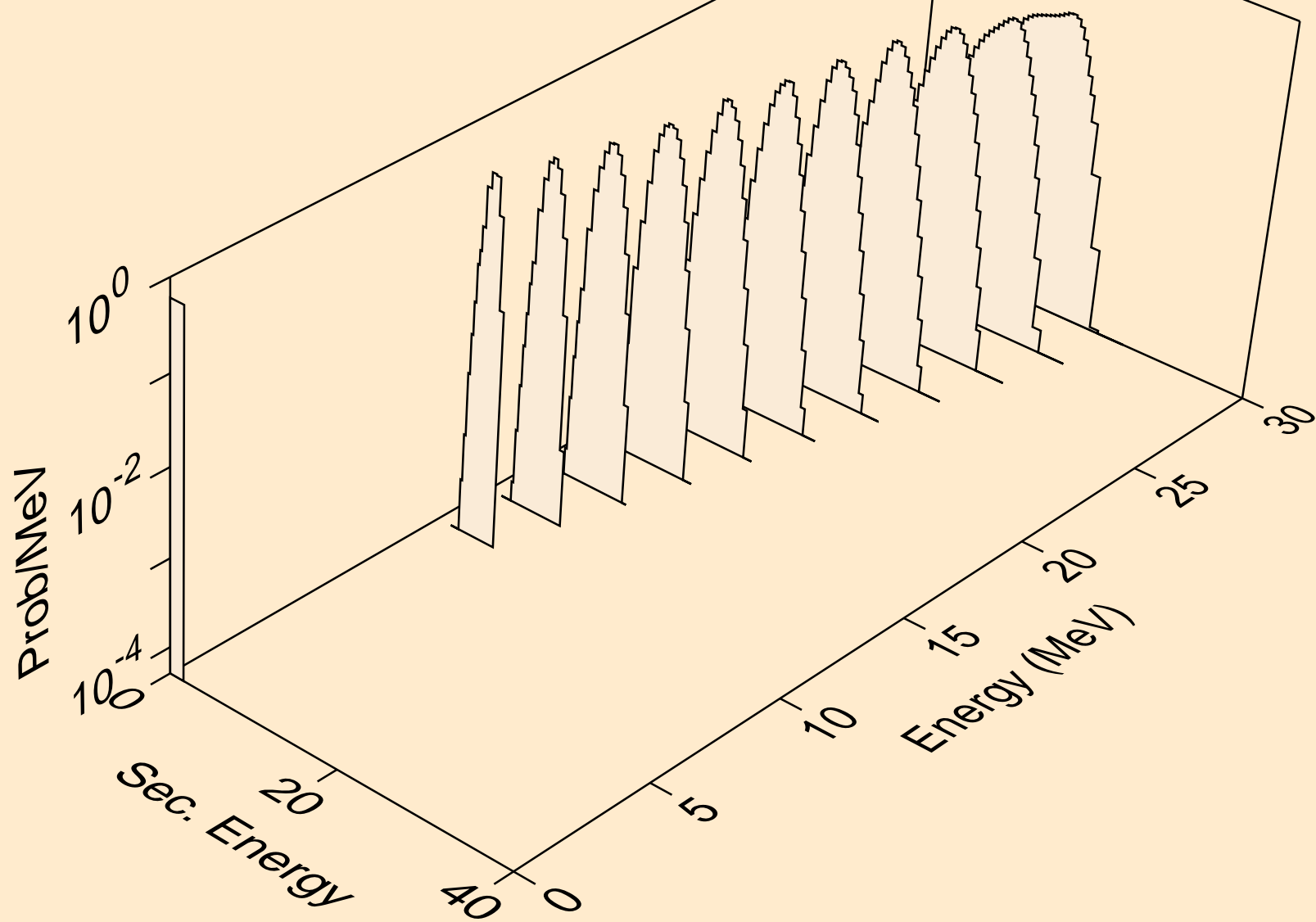
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deuterons from (n,d)



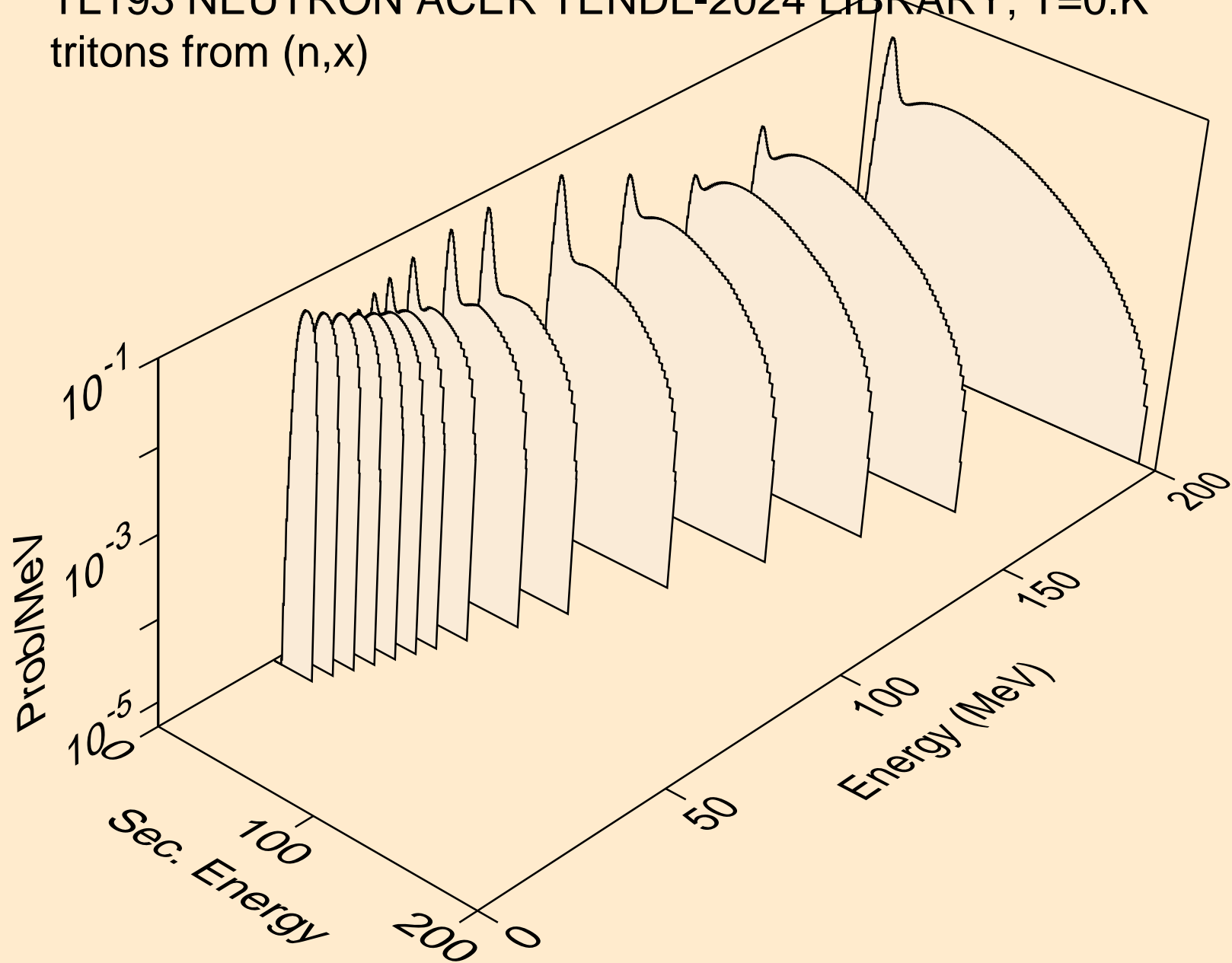
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deuterons from (n,pd)



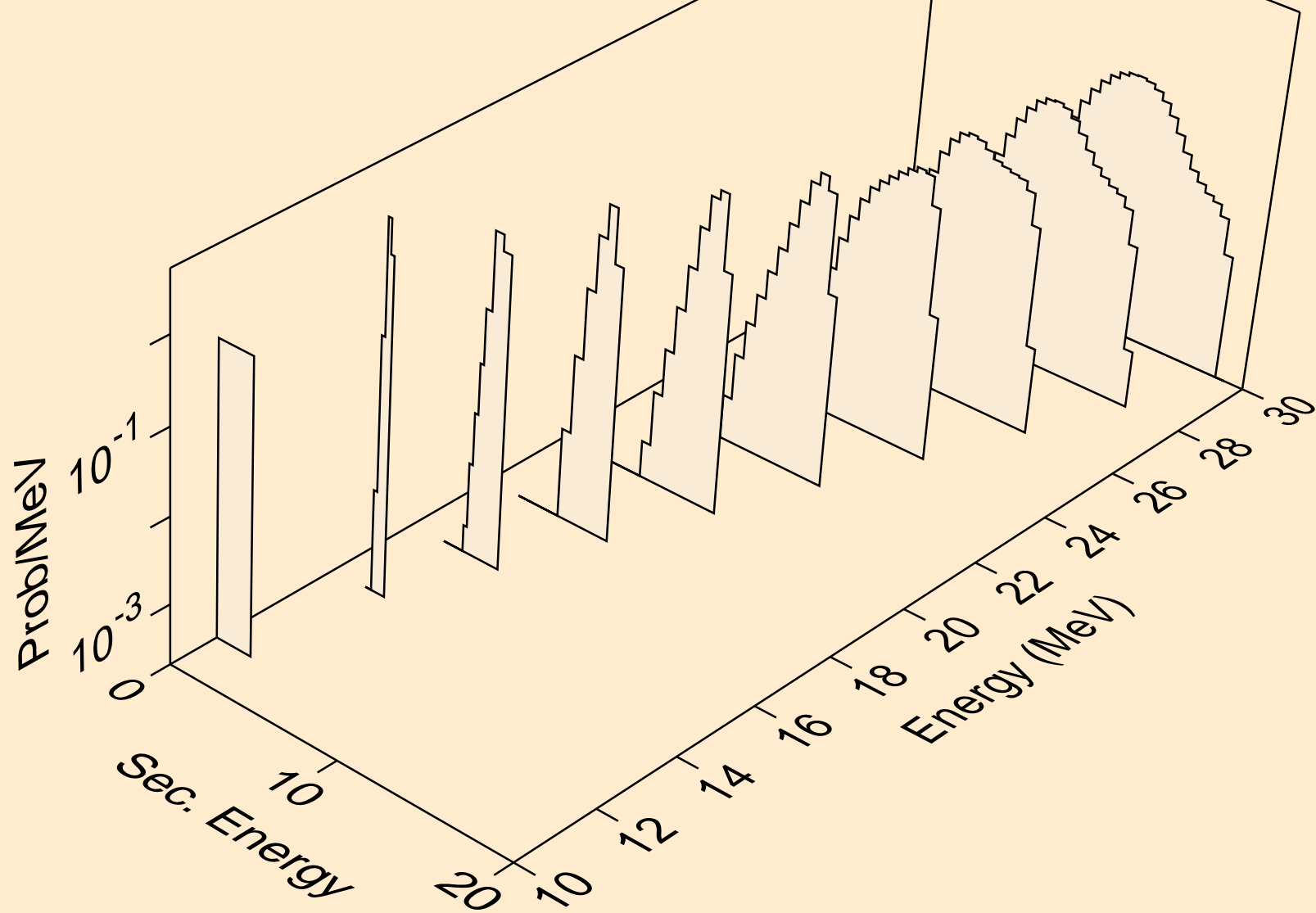
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deuterons from (n,da)



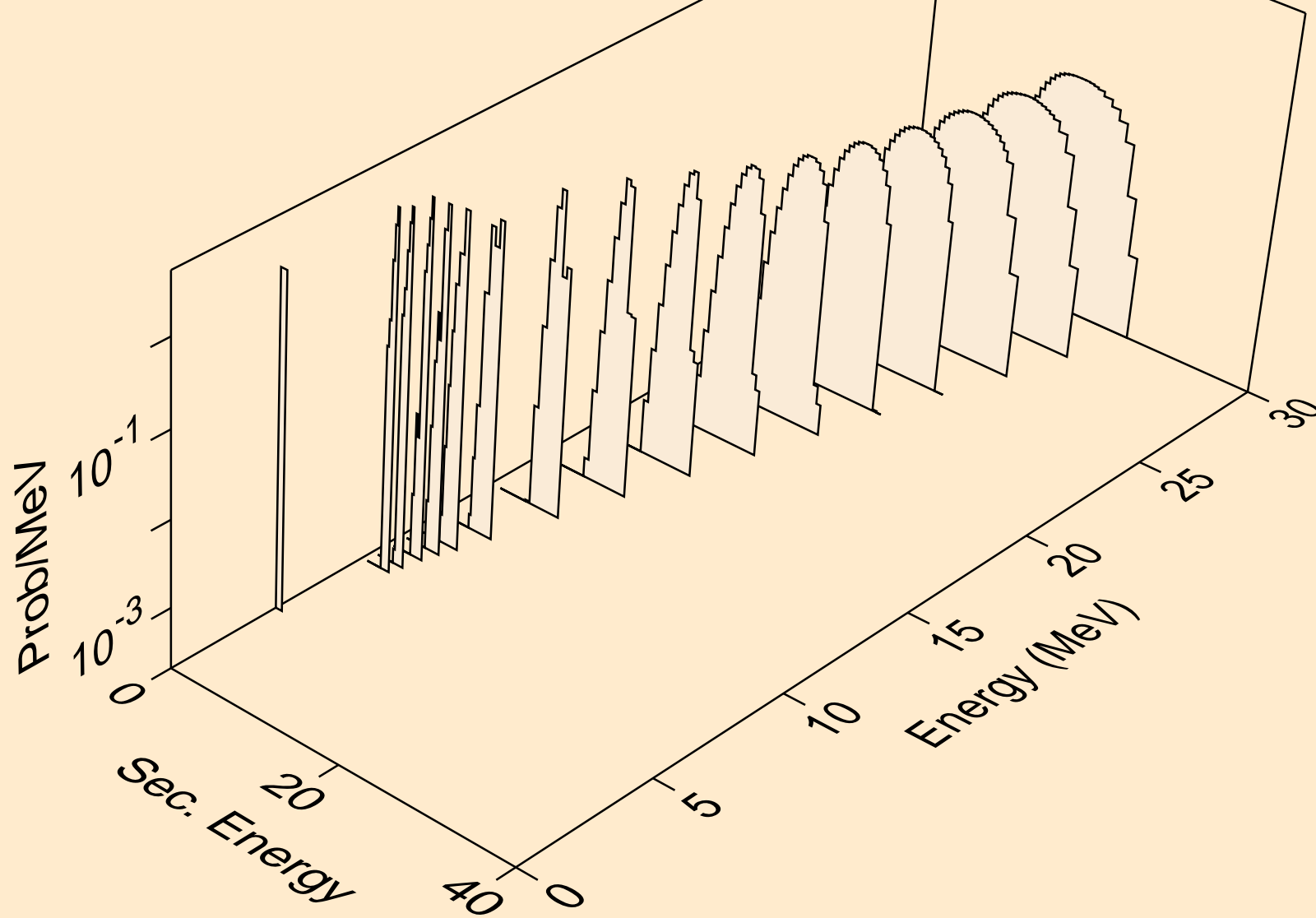
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tritons from (n,x)



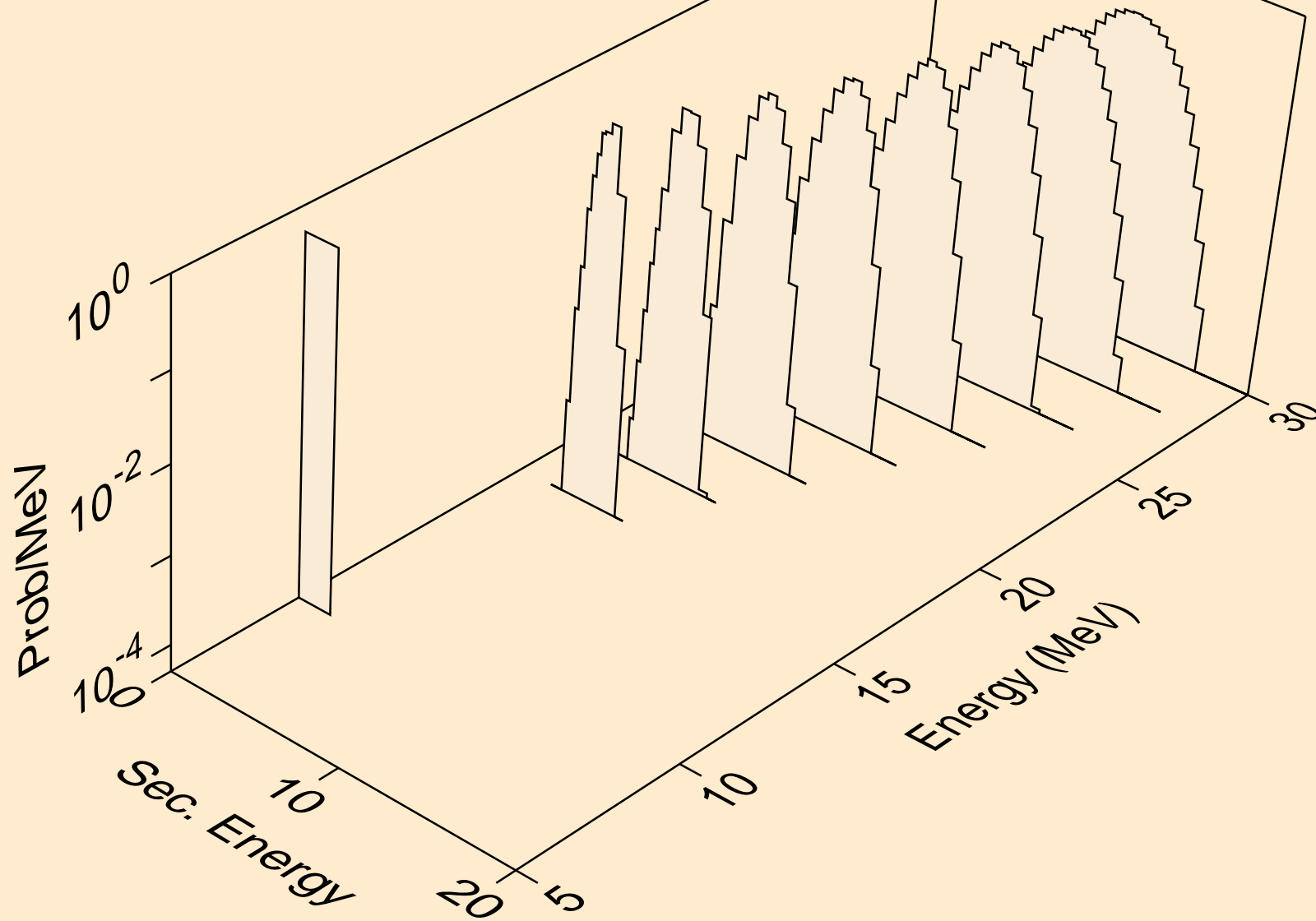
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tritons from (n,n*)t



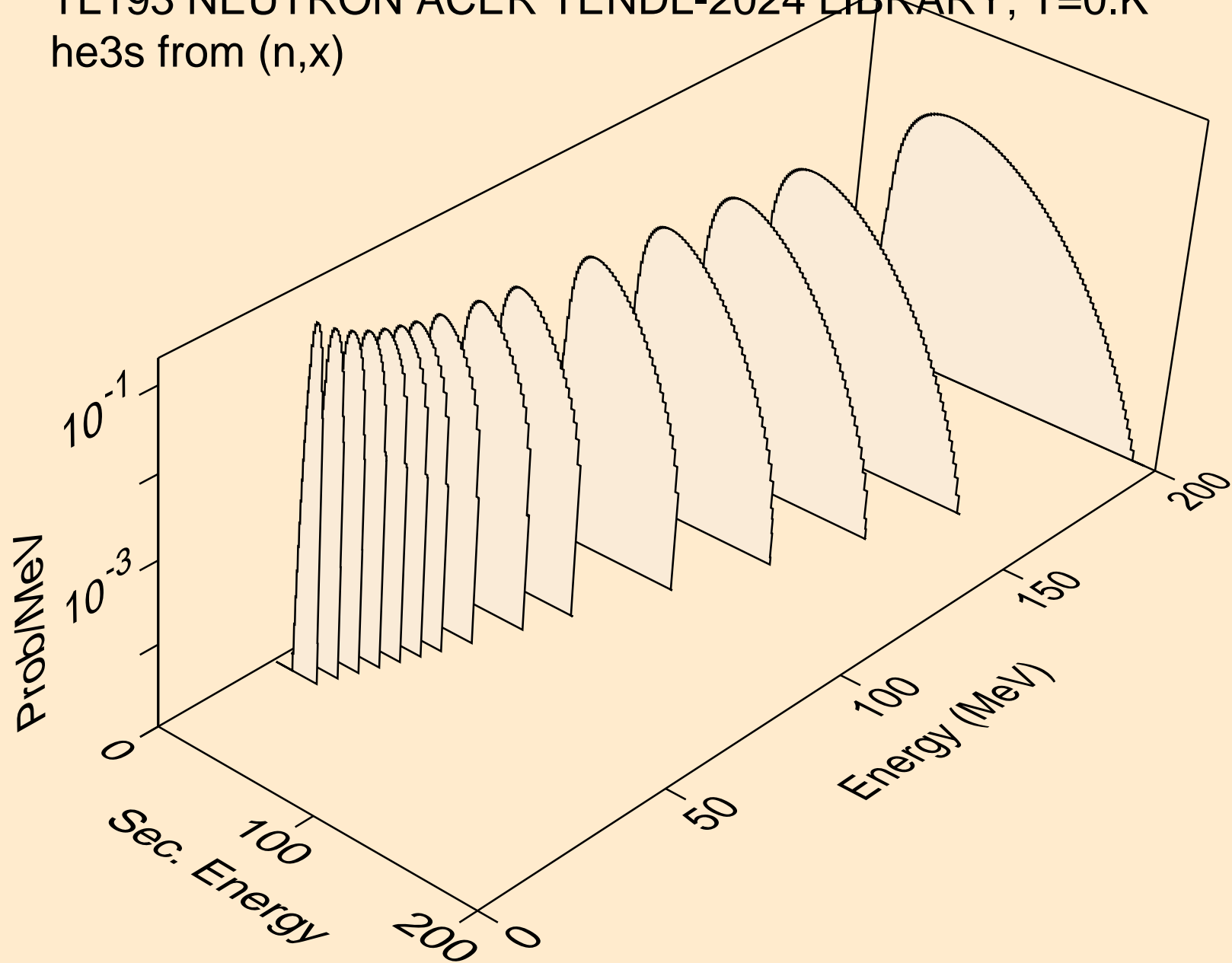
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t)



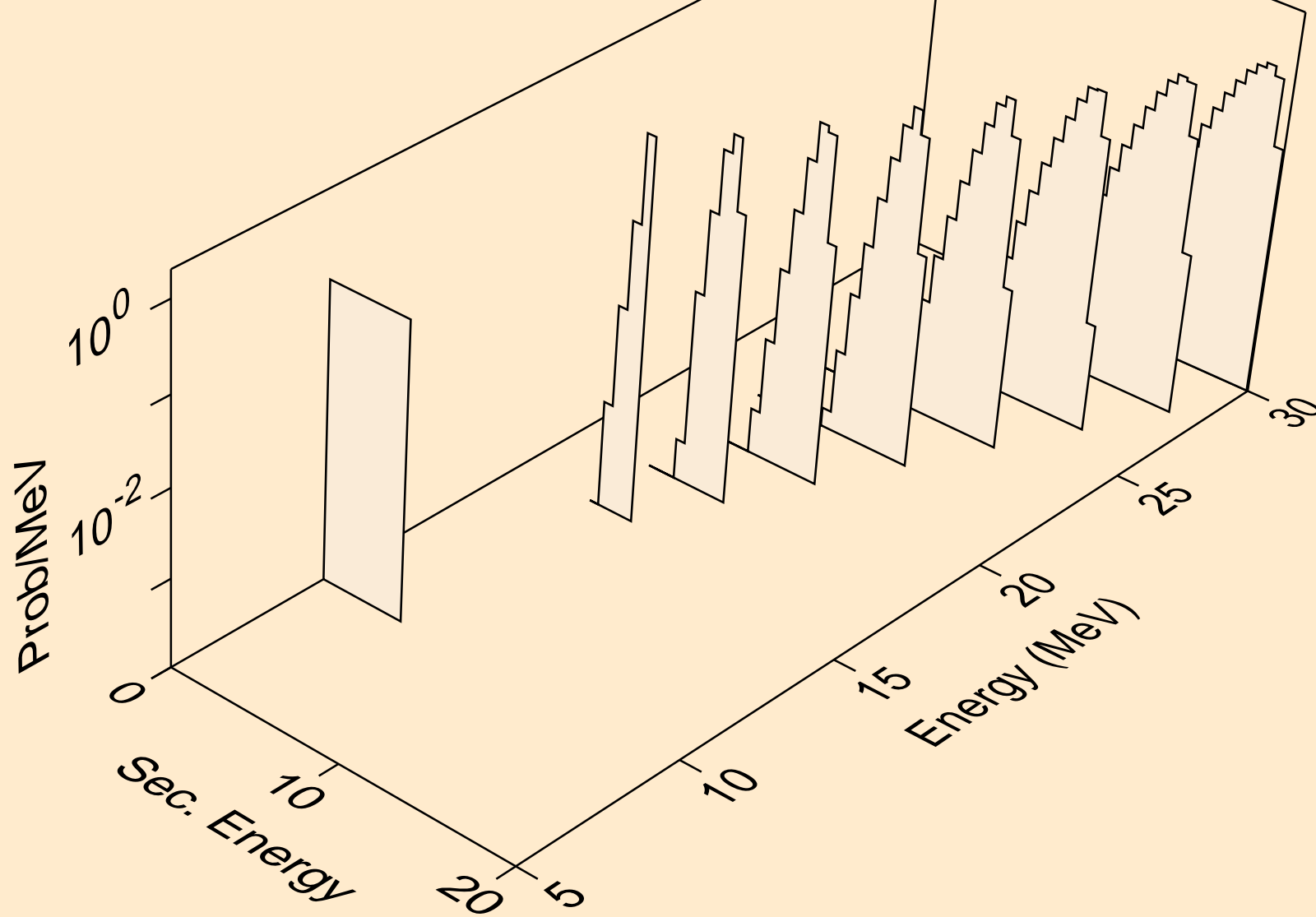
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,pt)



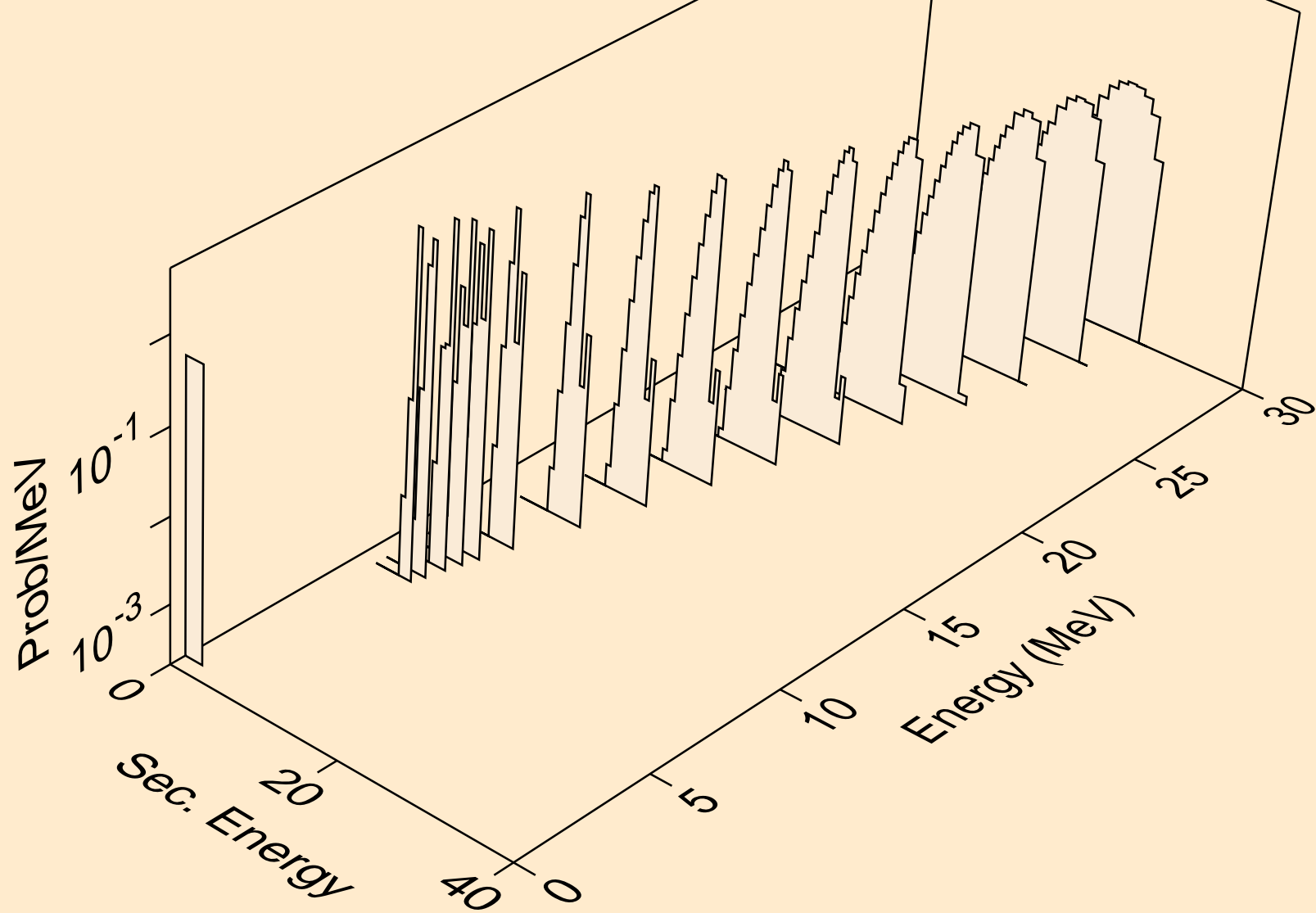
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



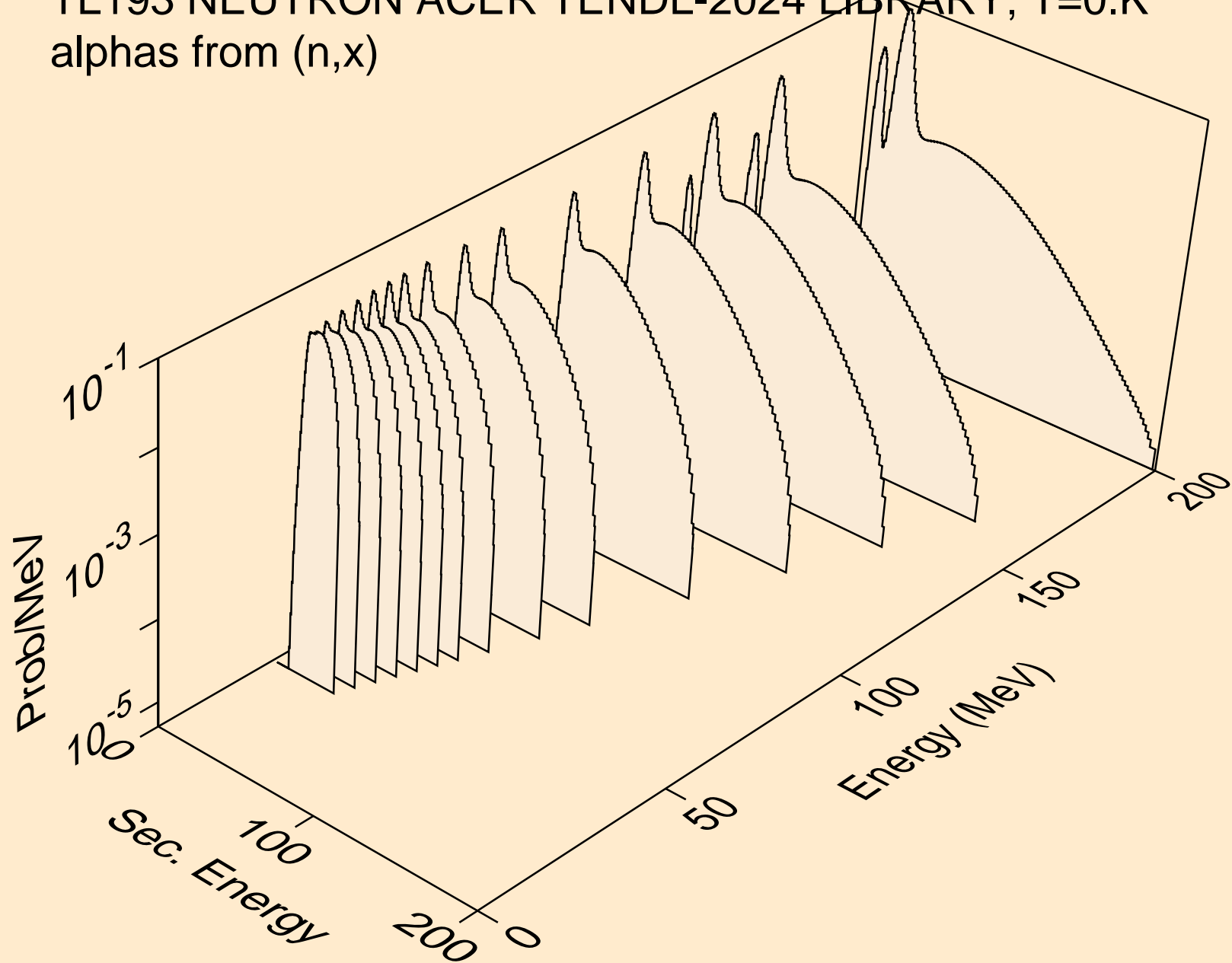
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



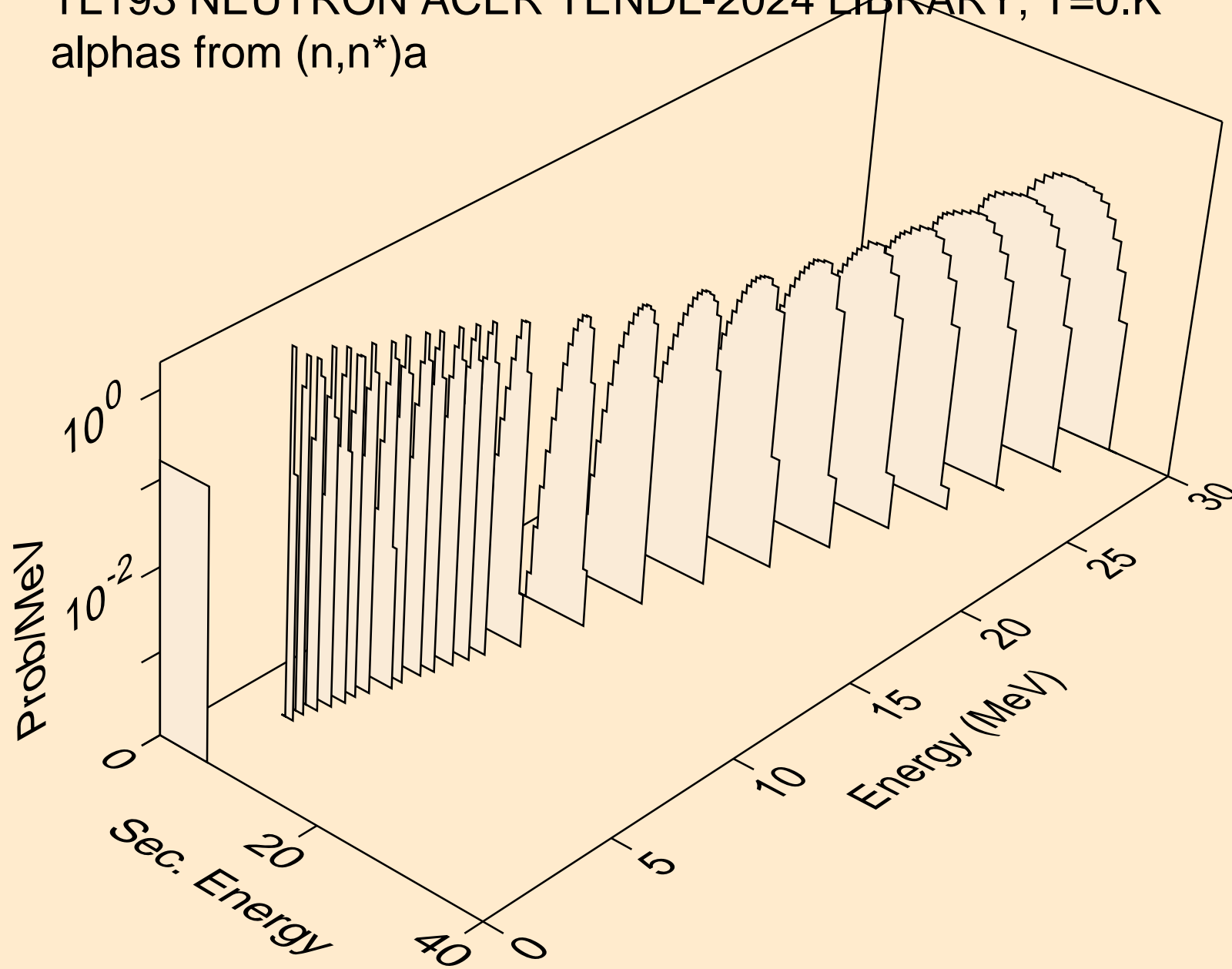
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



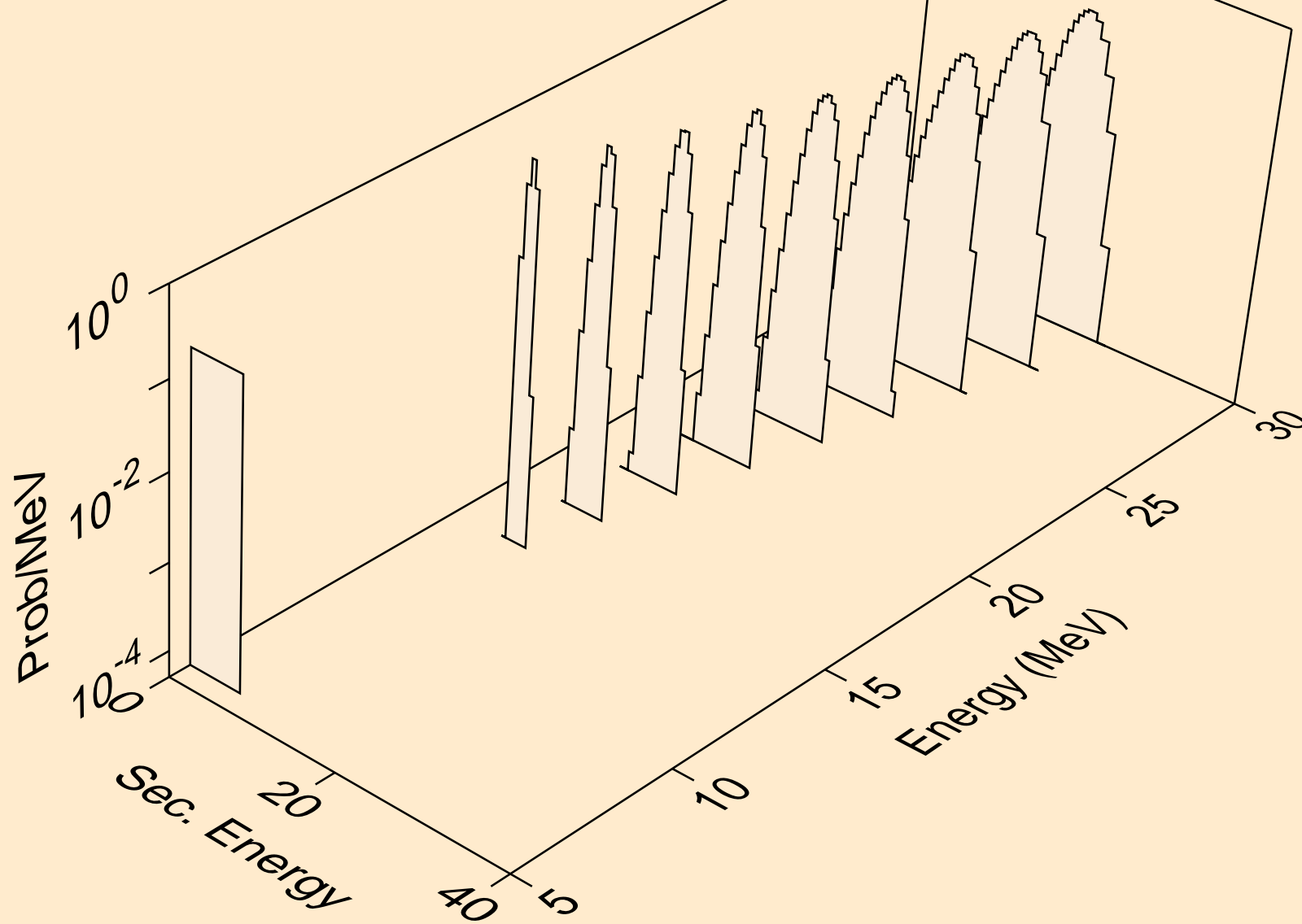
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



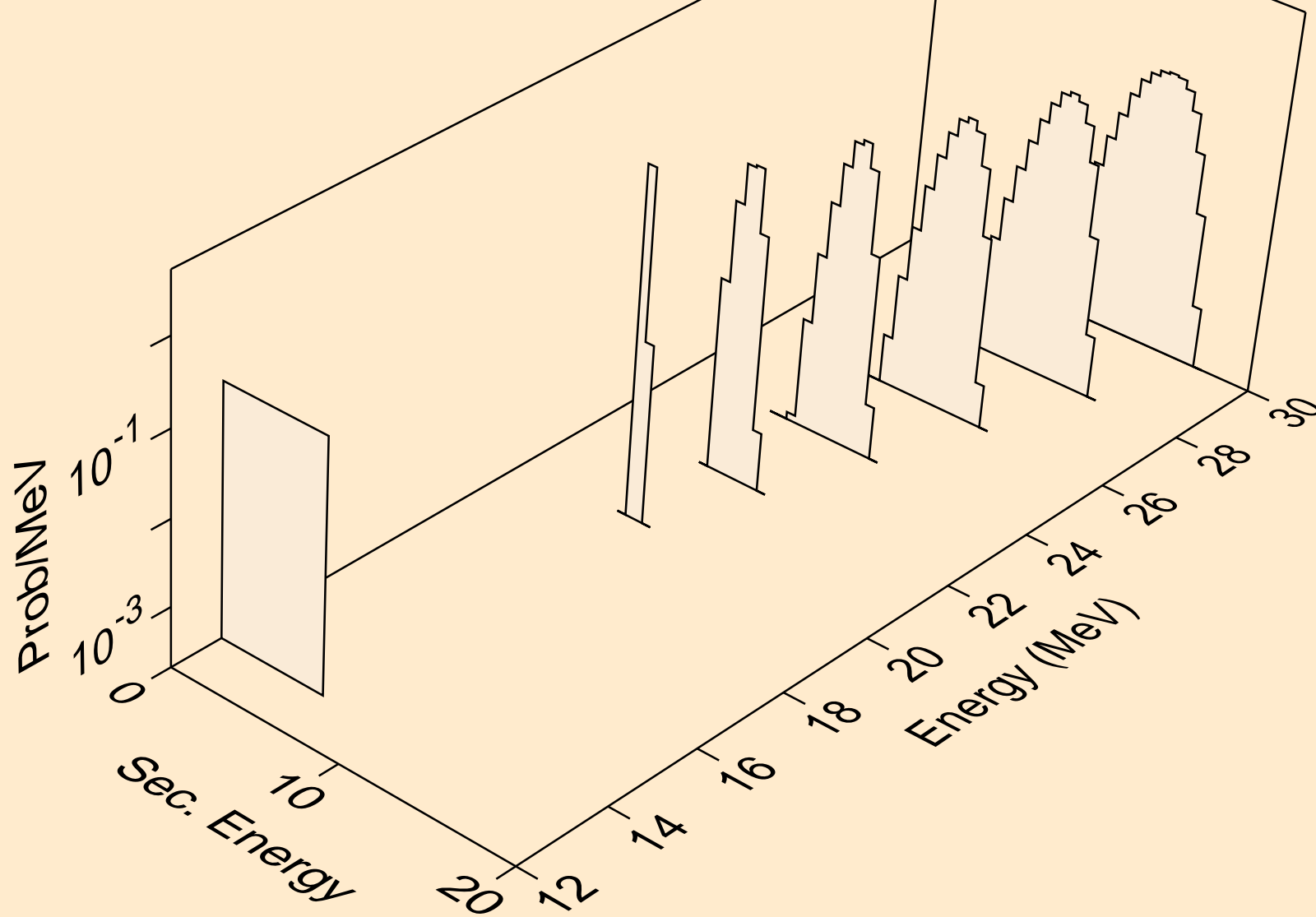
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



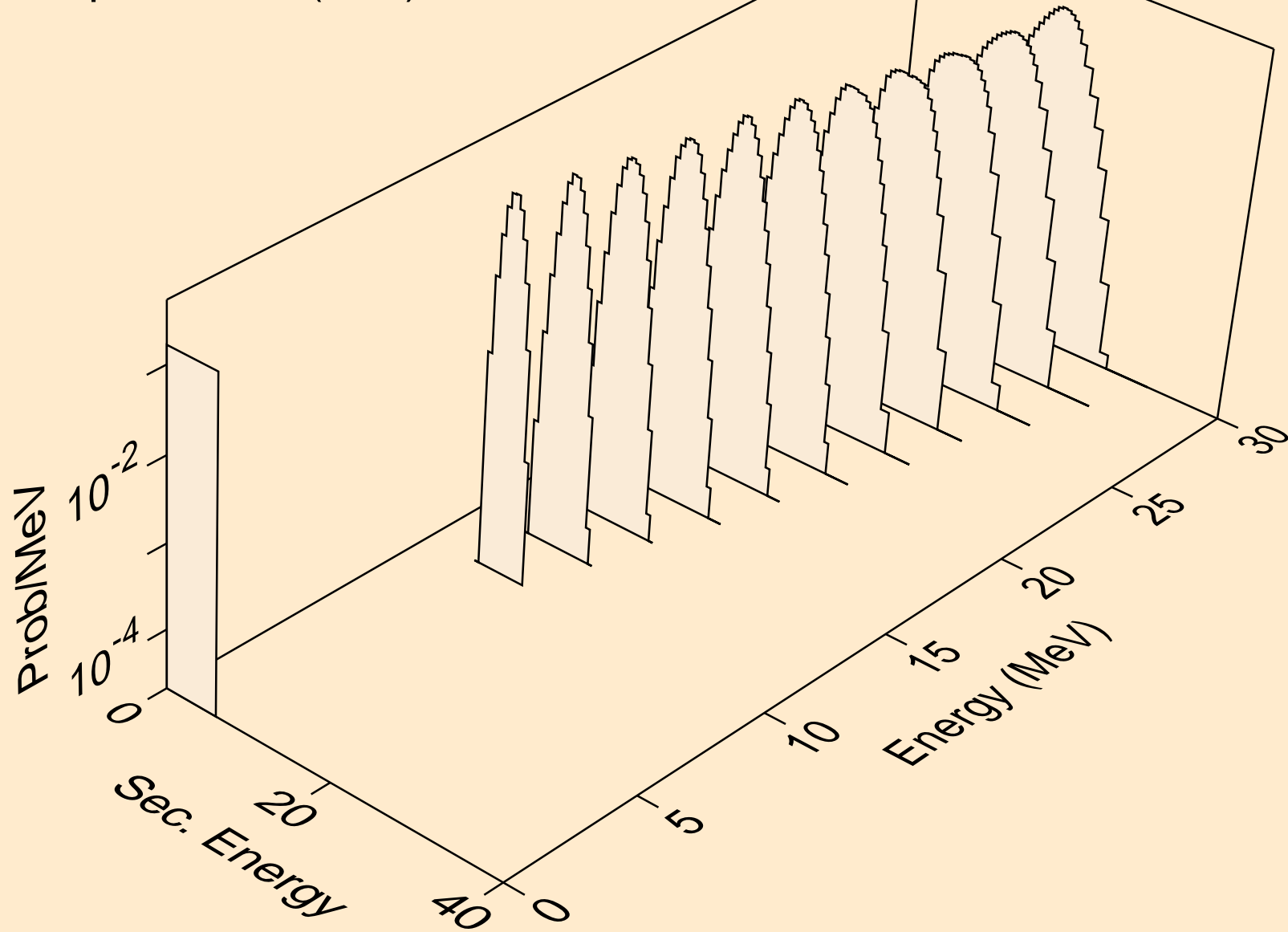
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



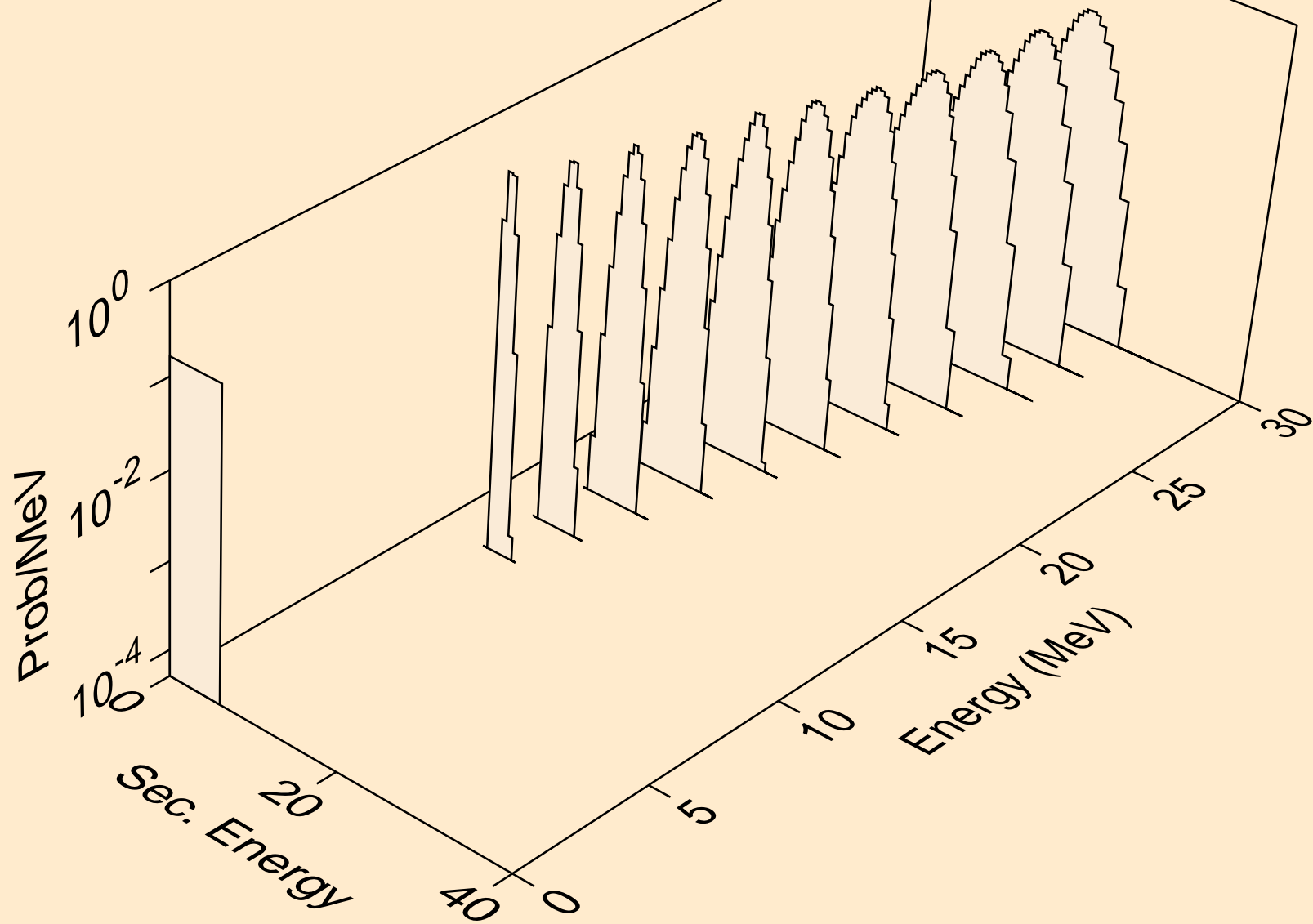
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3n)a



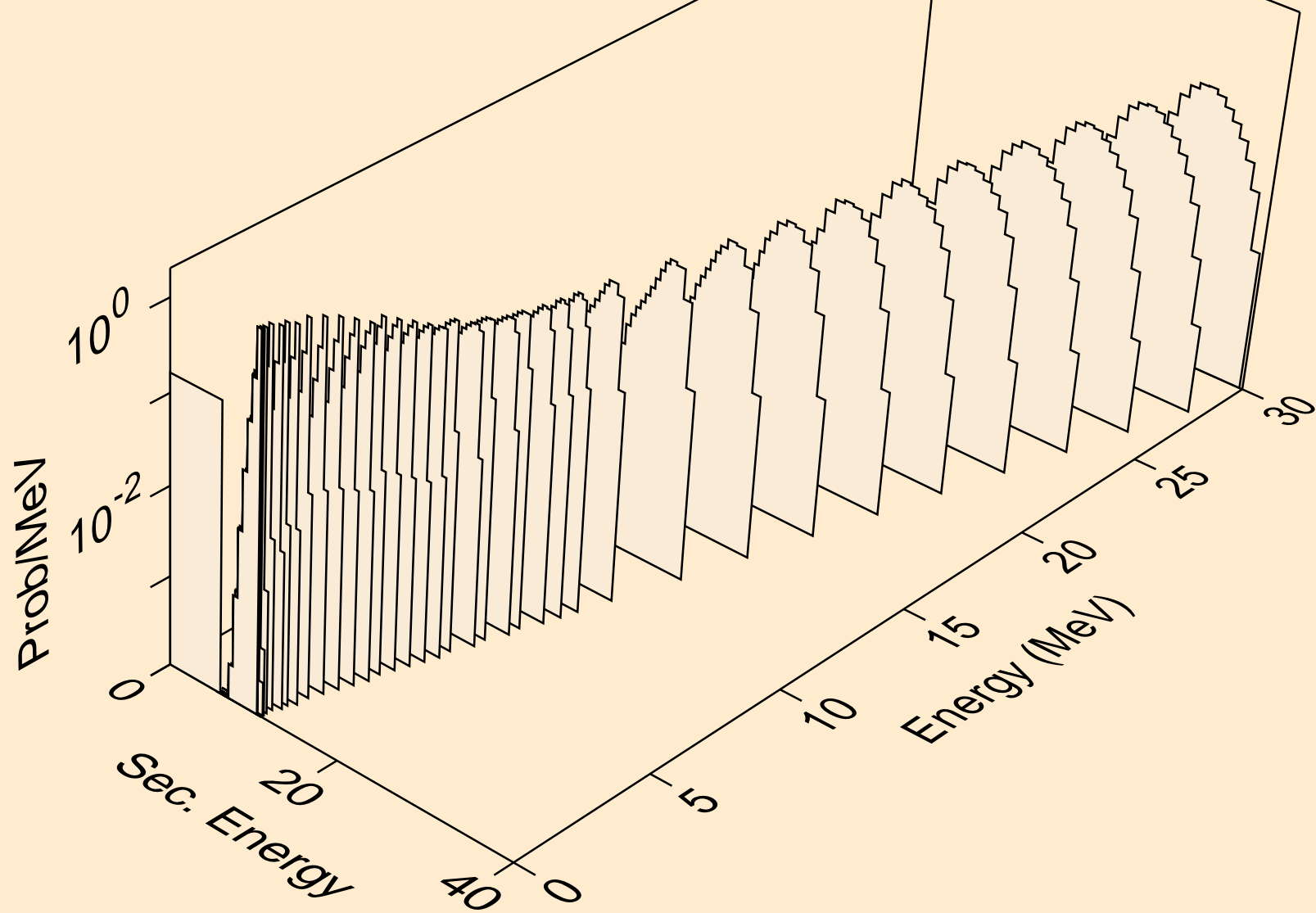
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



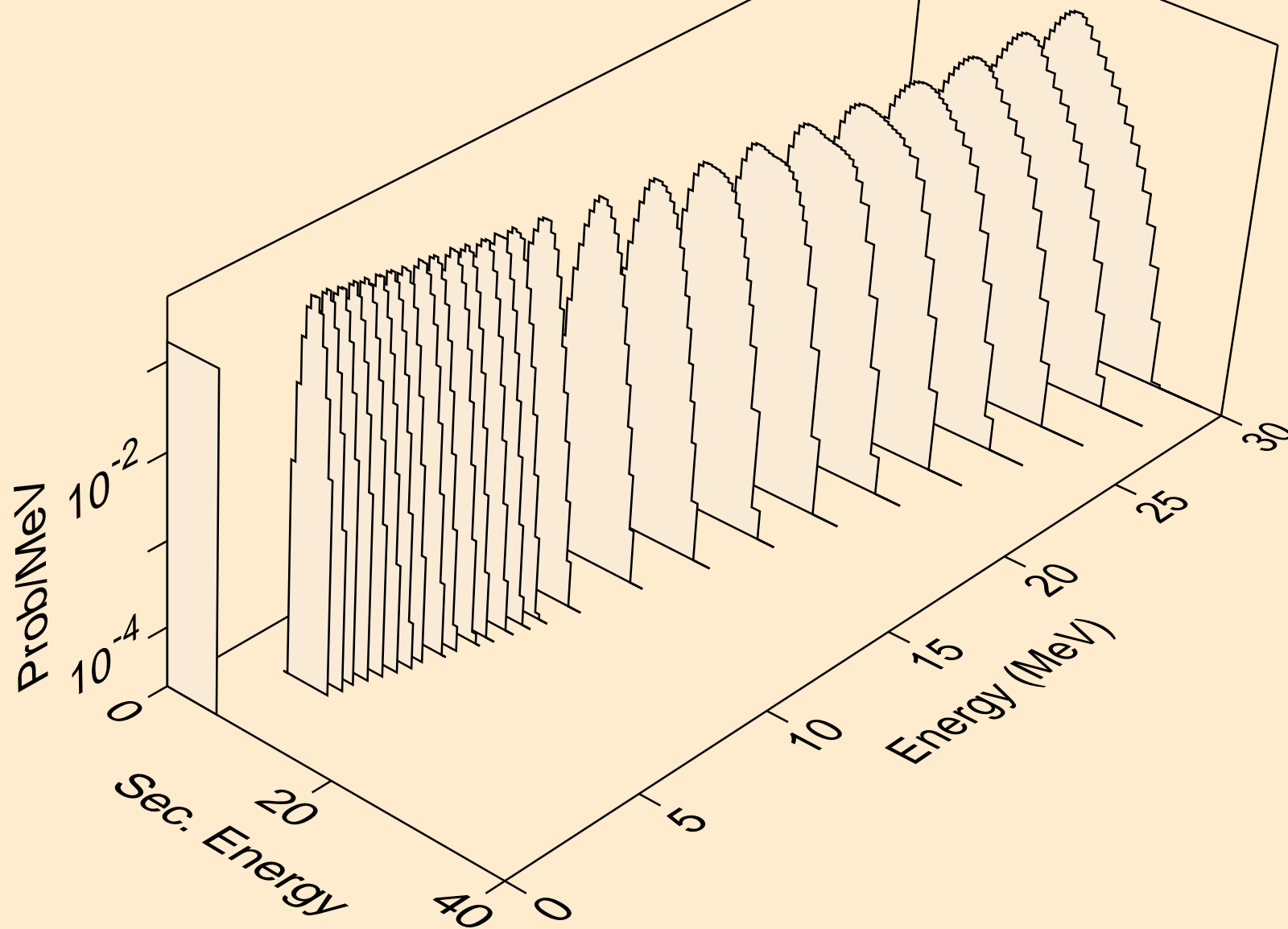
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



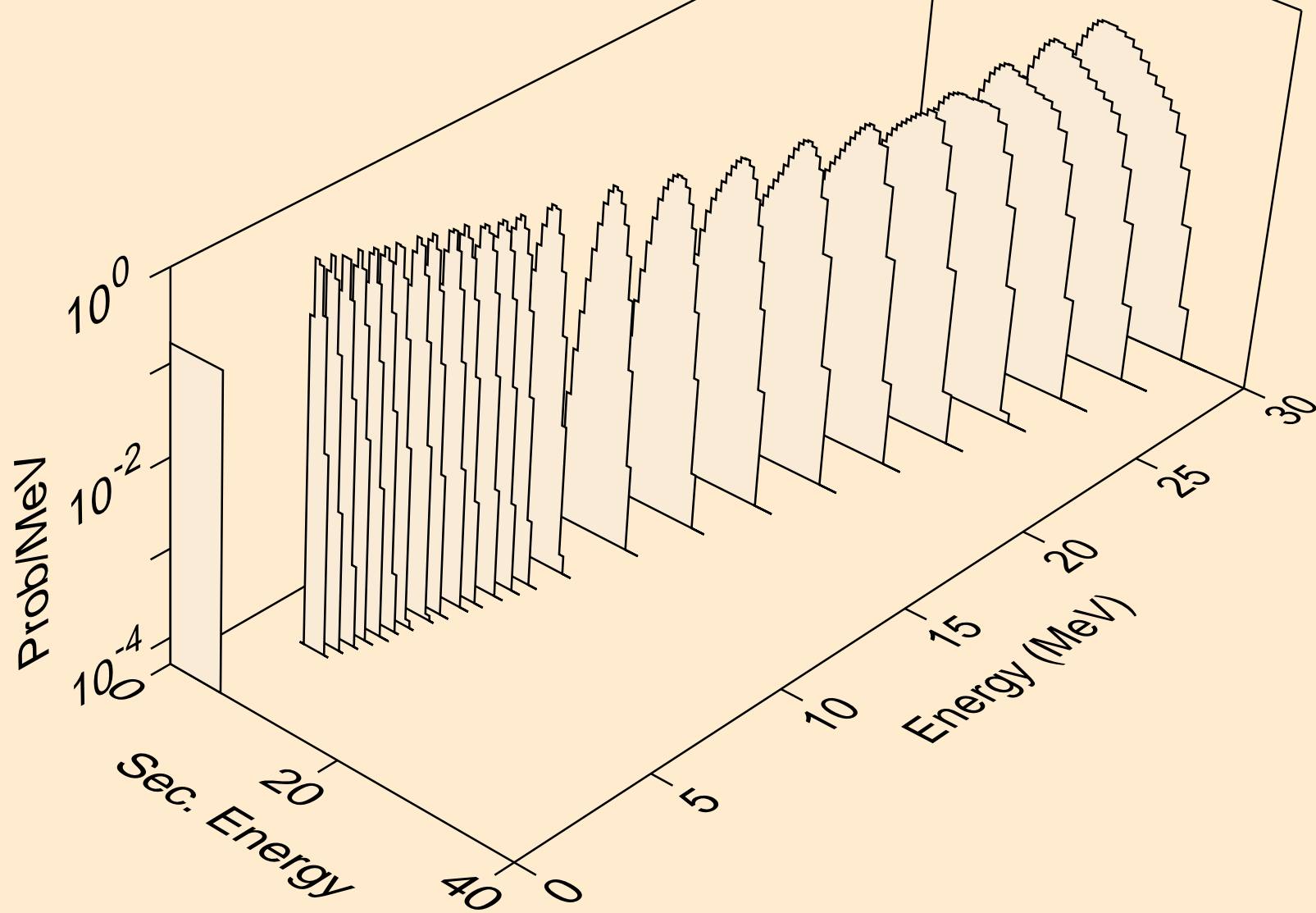
TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



TL193 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

