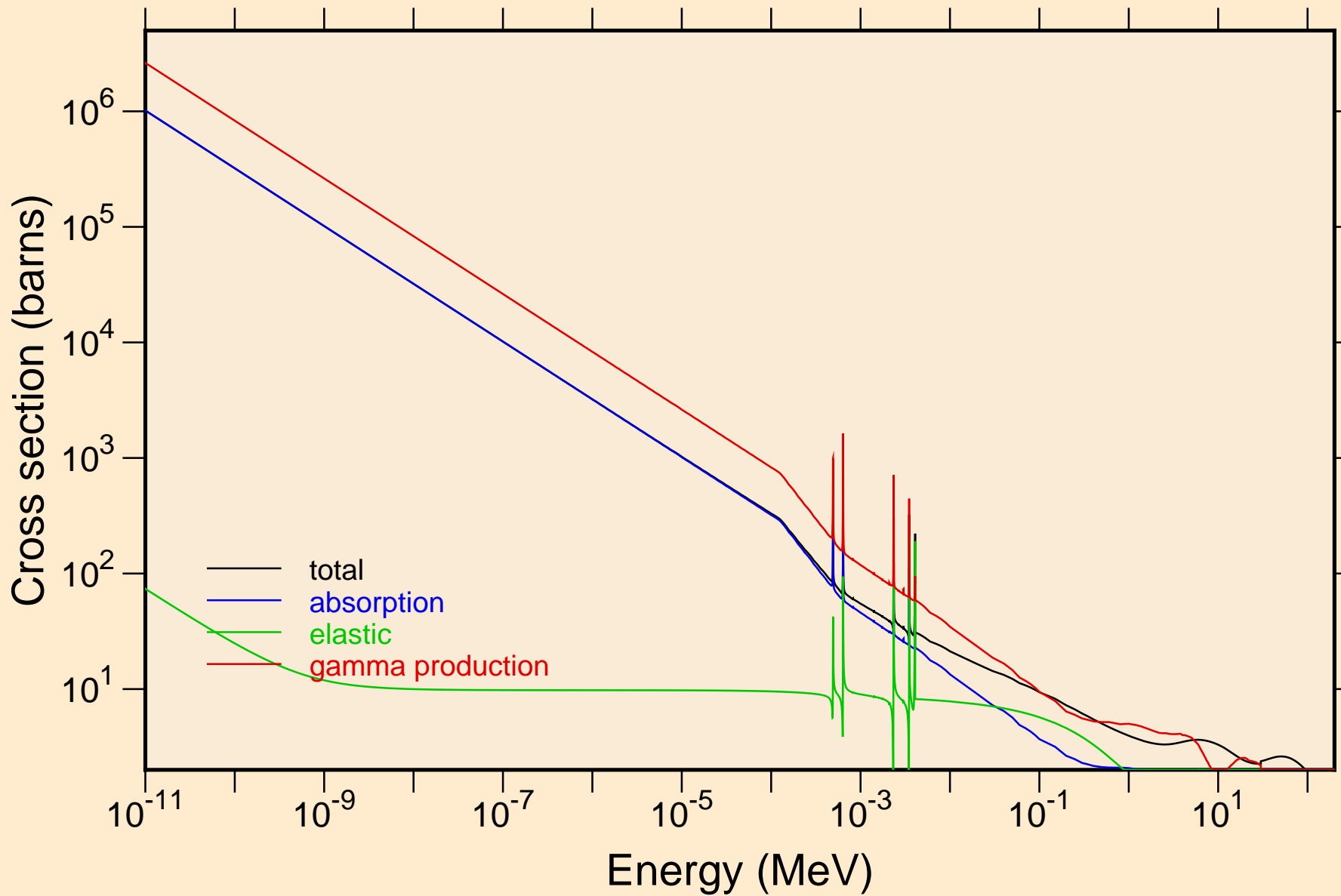
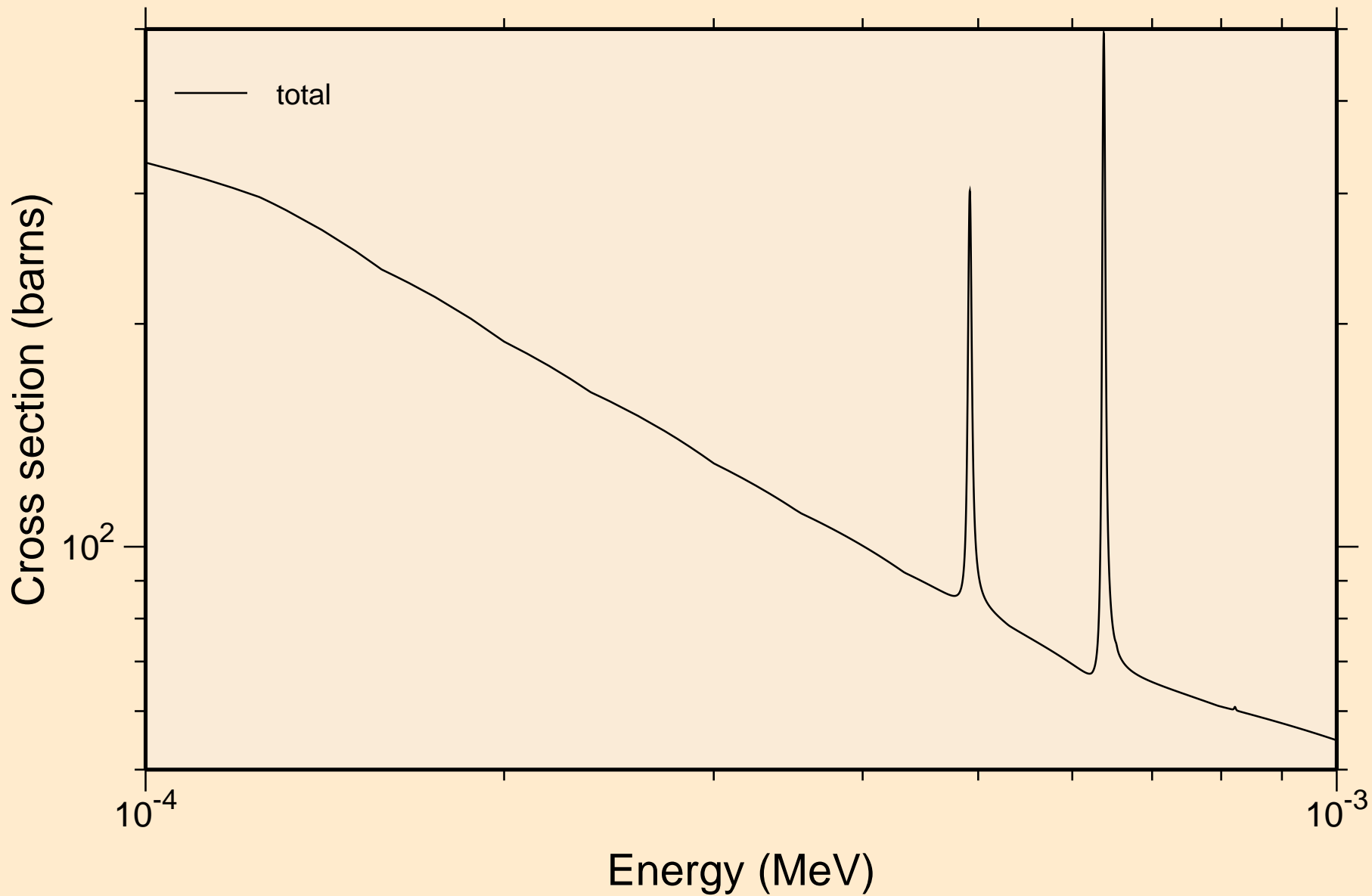


CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

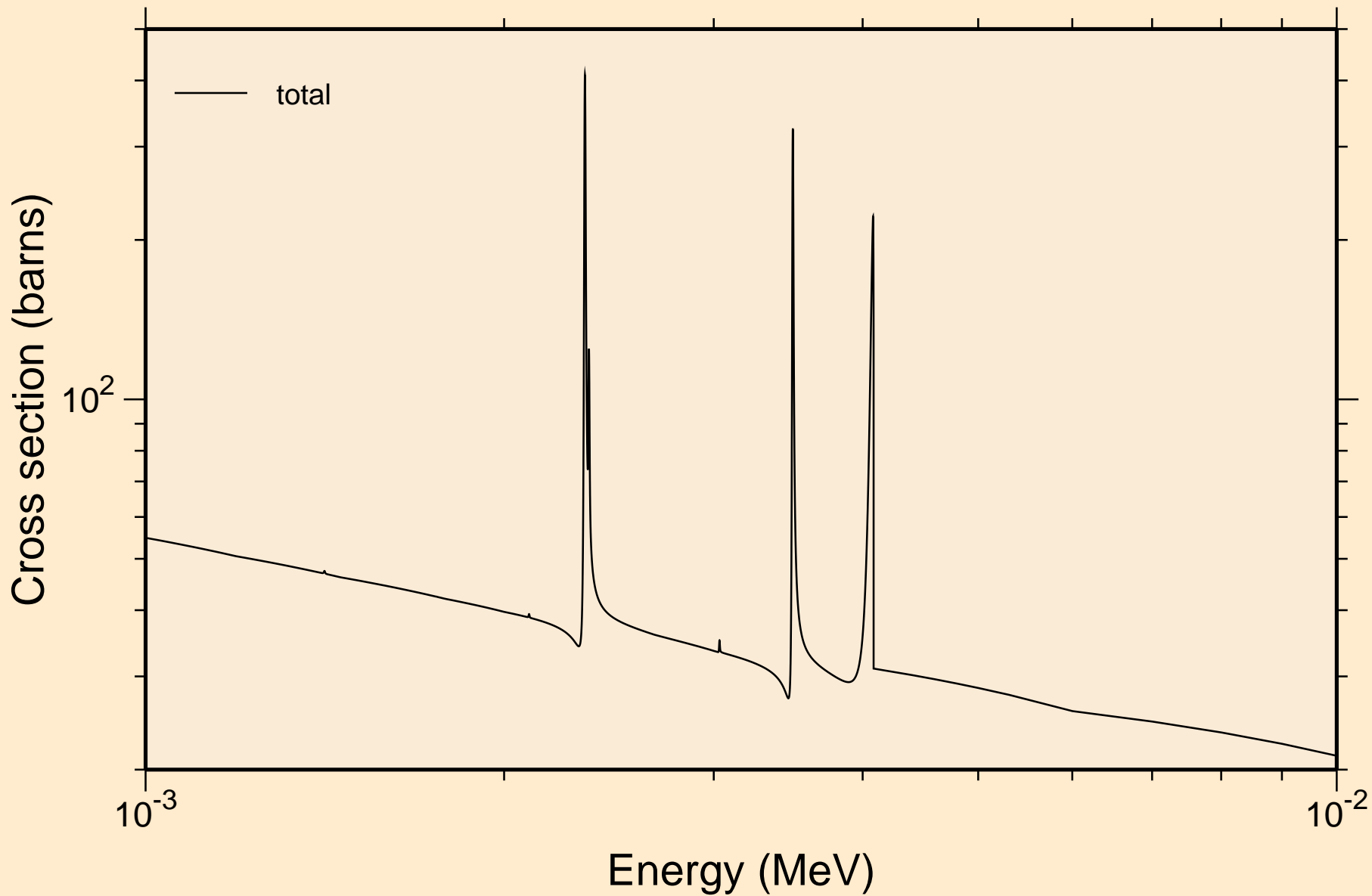
Principal cross sections



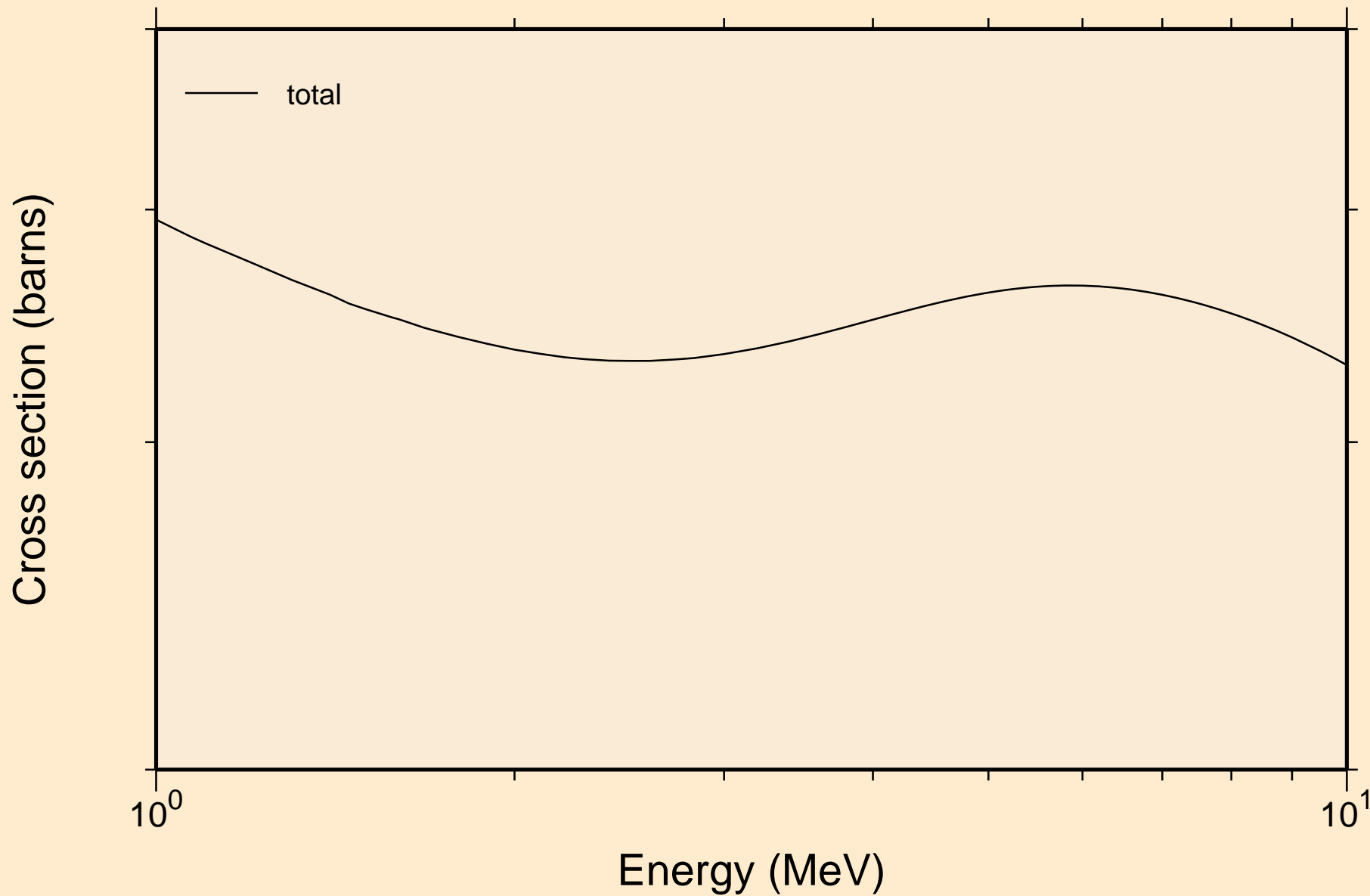
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resonance total cross section



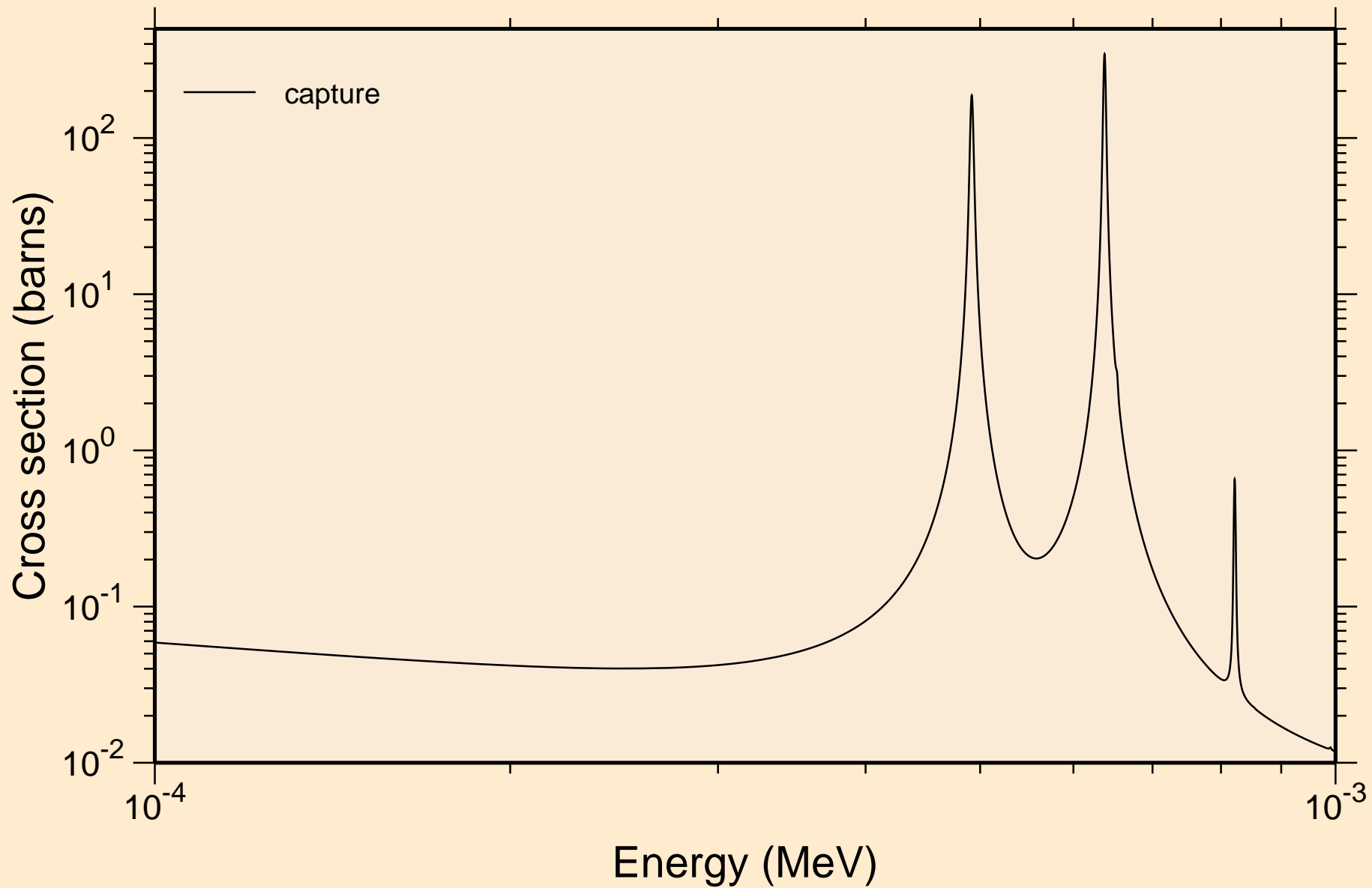
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



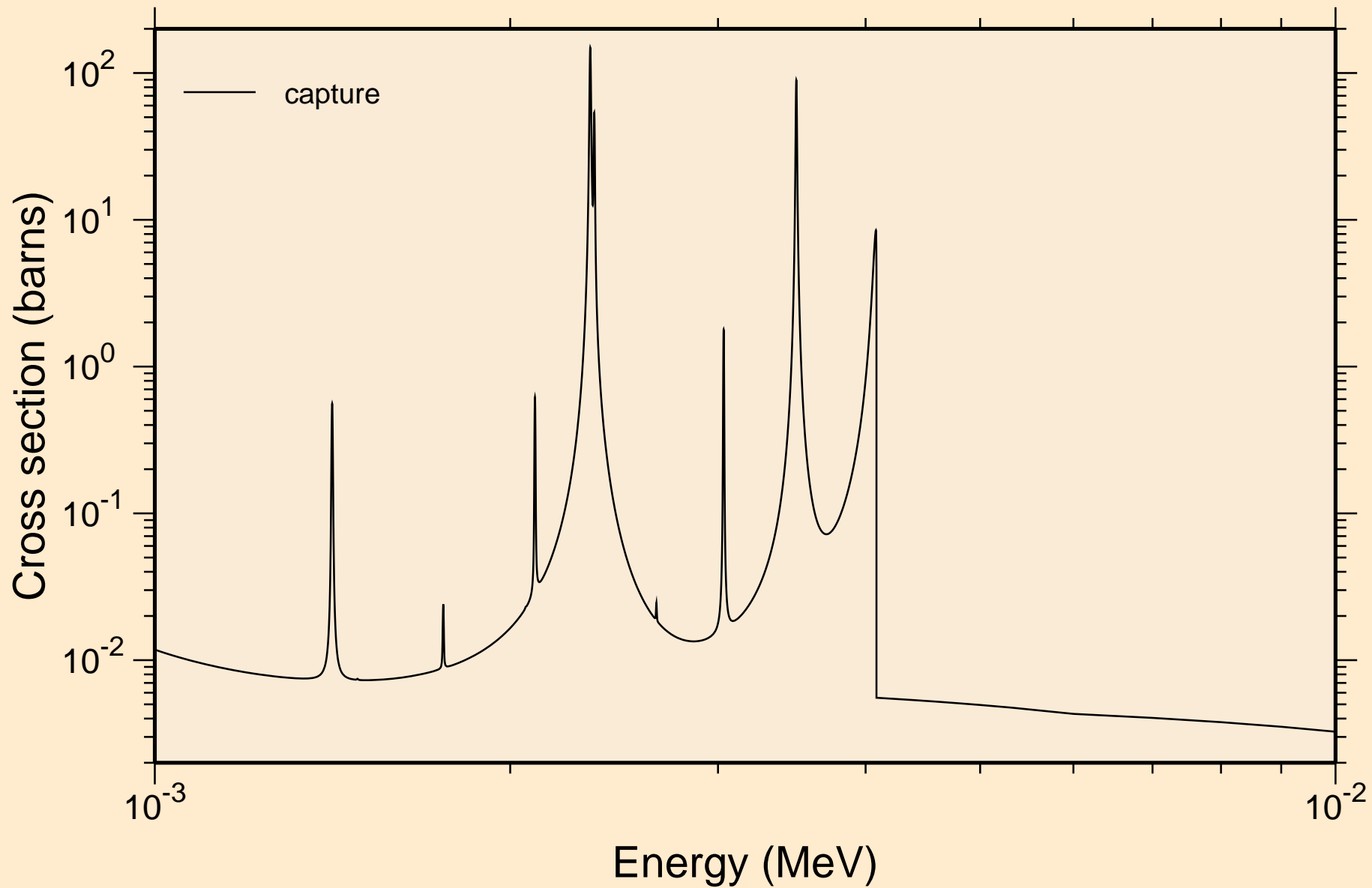
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resonance total cross section



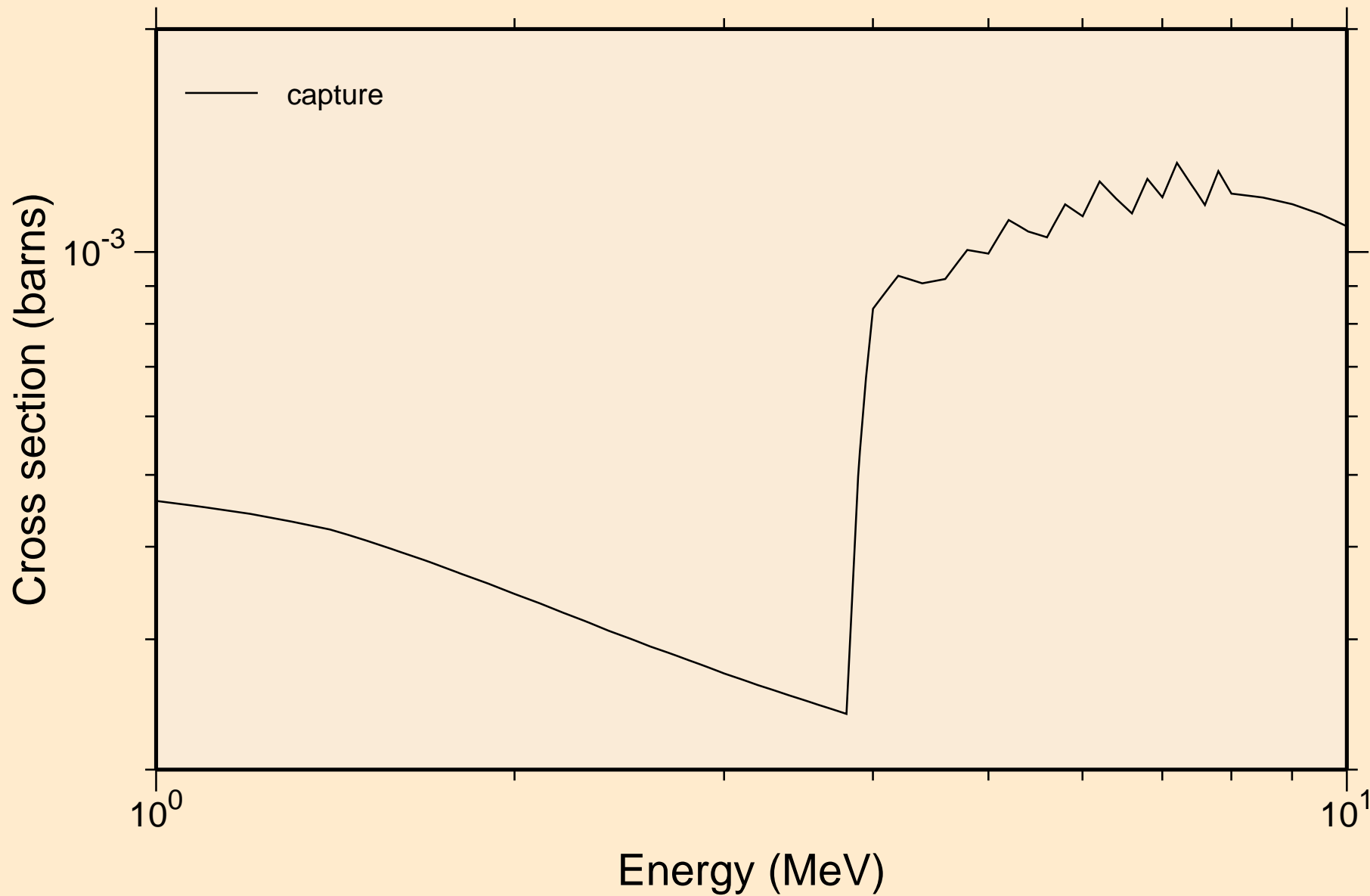
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



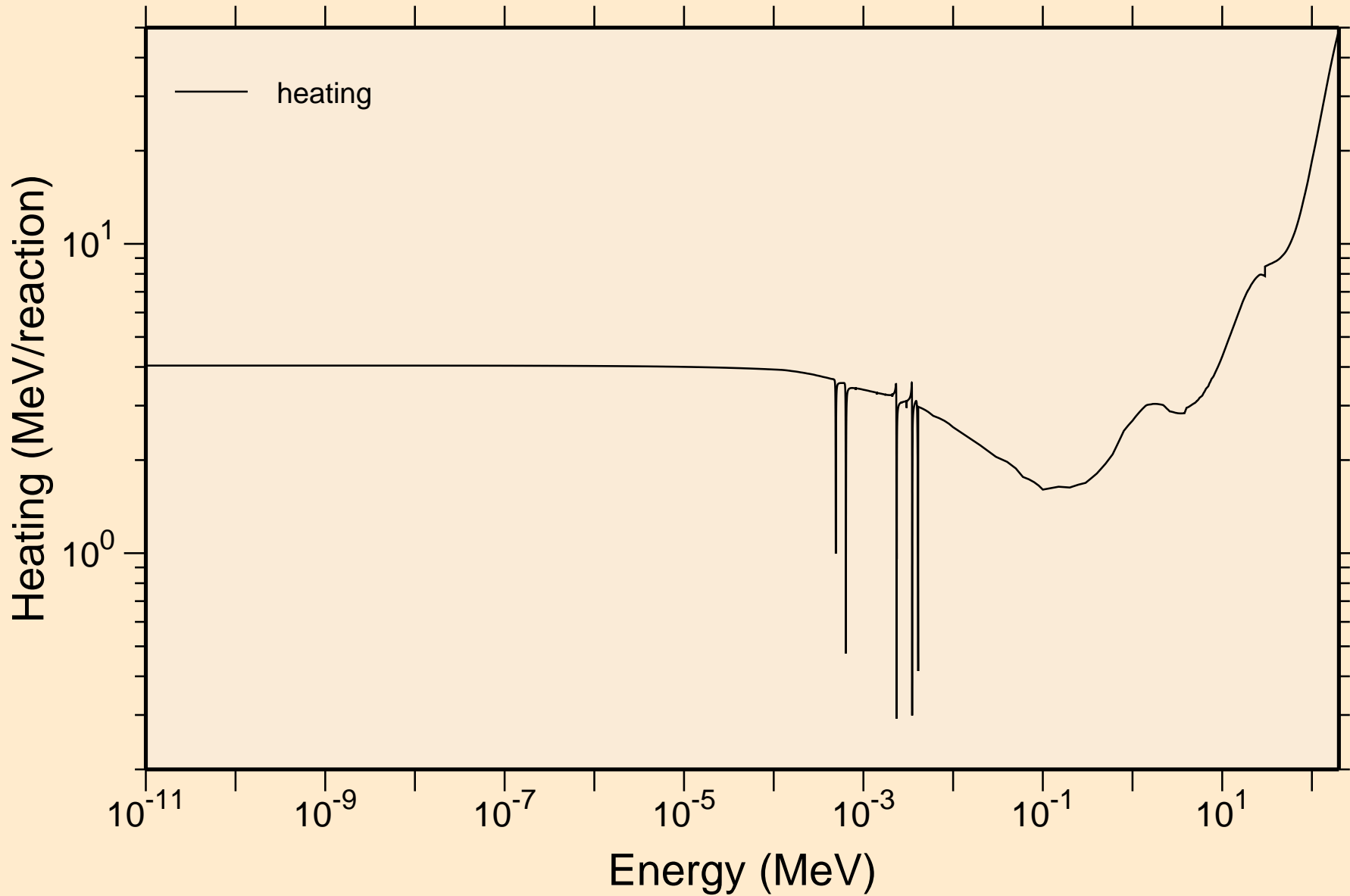
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resonance absorption cross sections



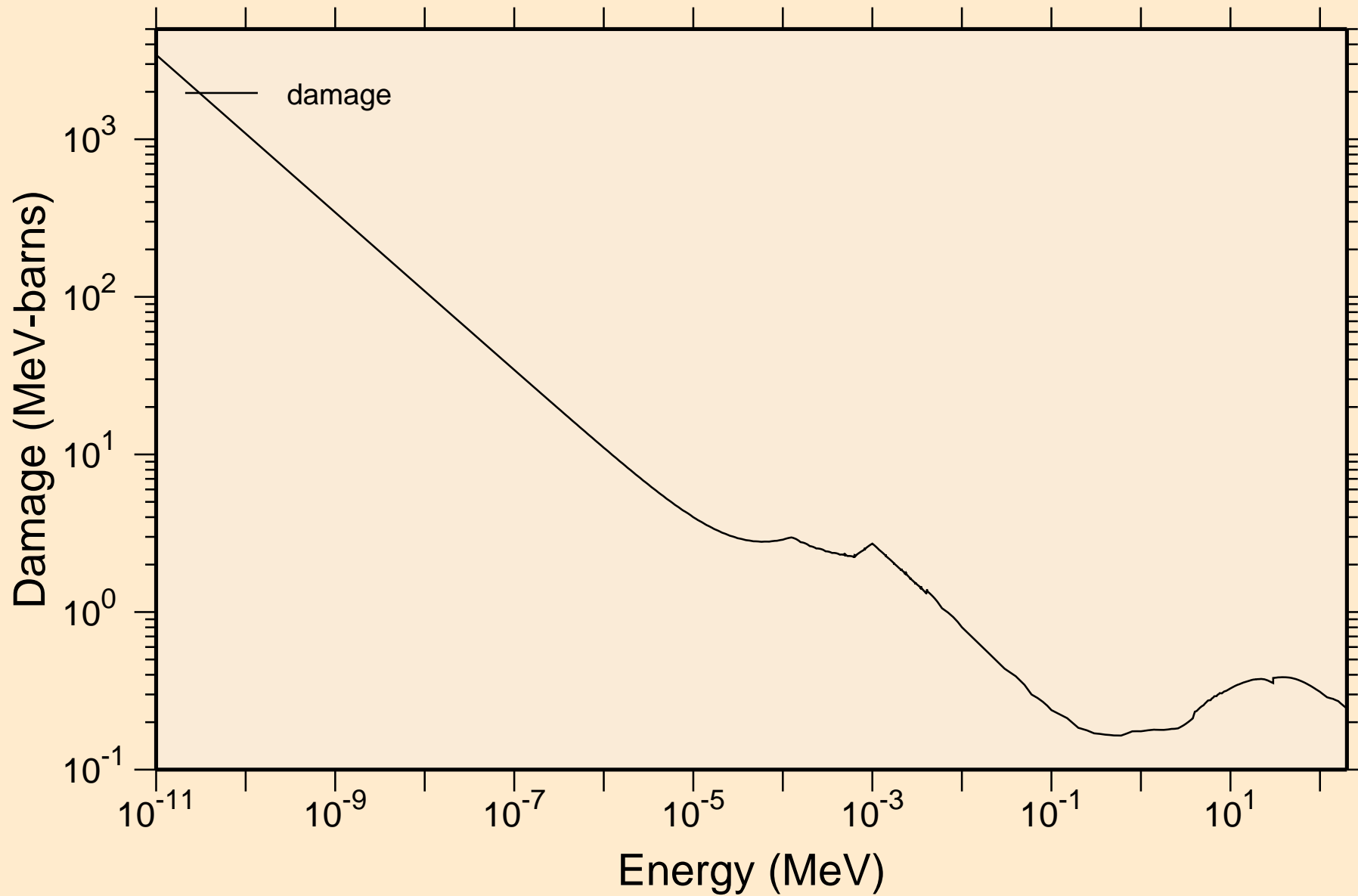
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Heating

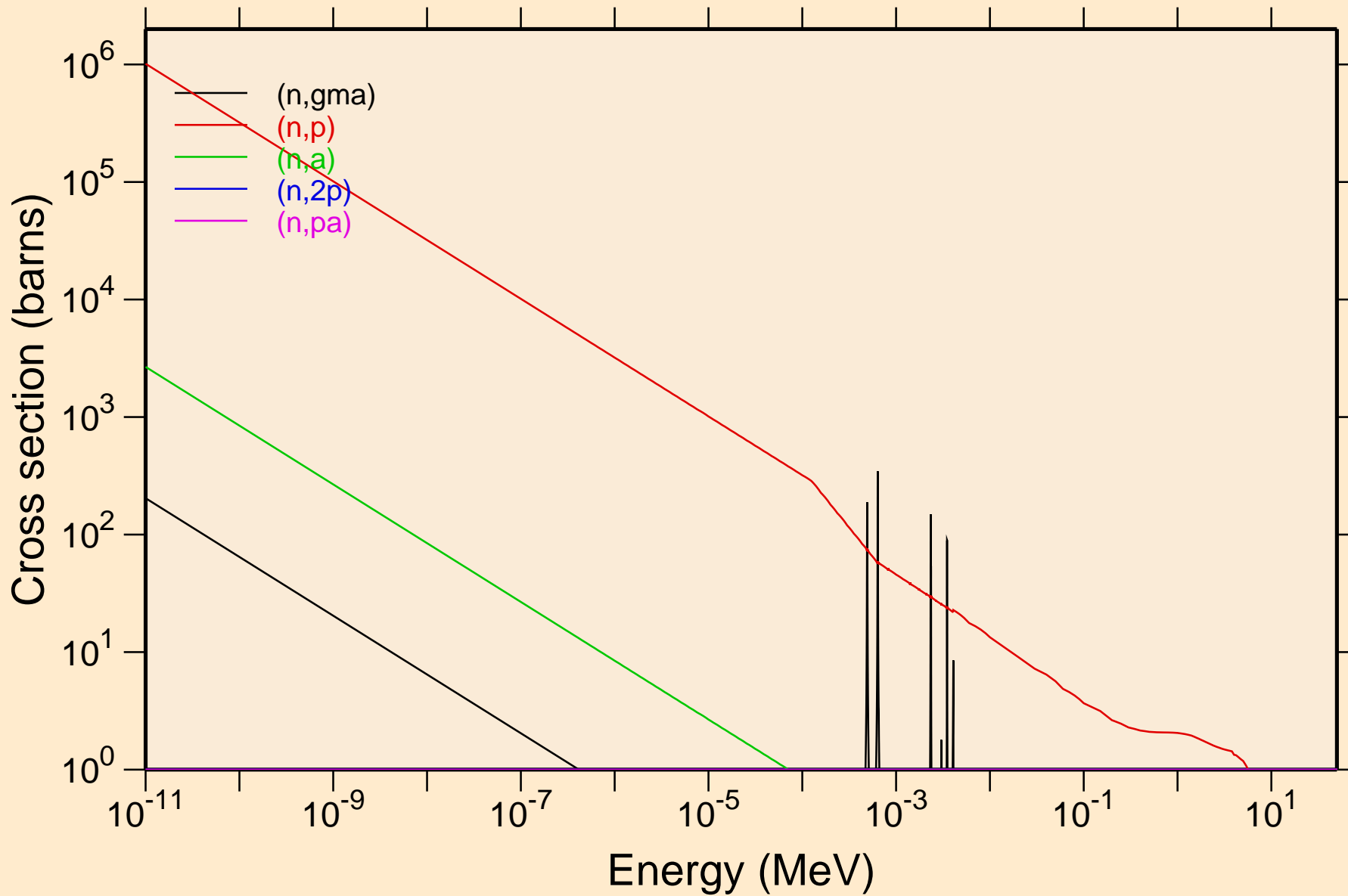


CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage

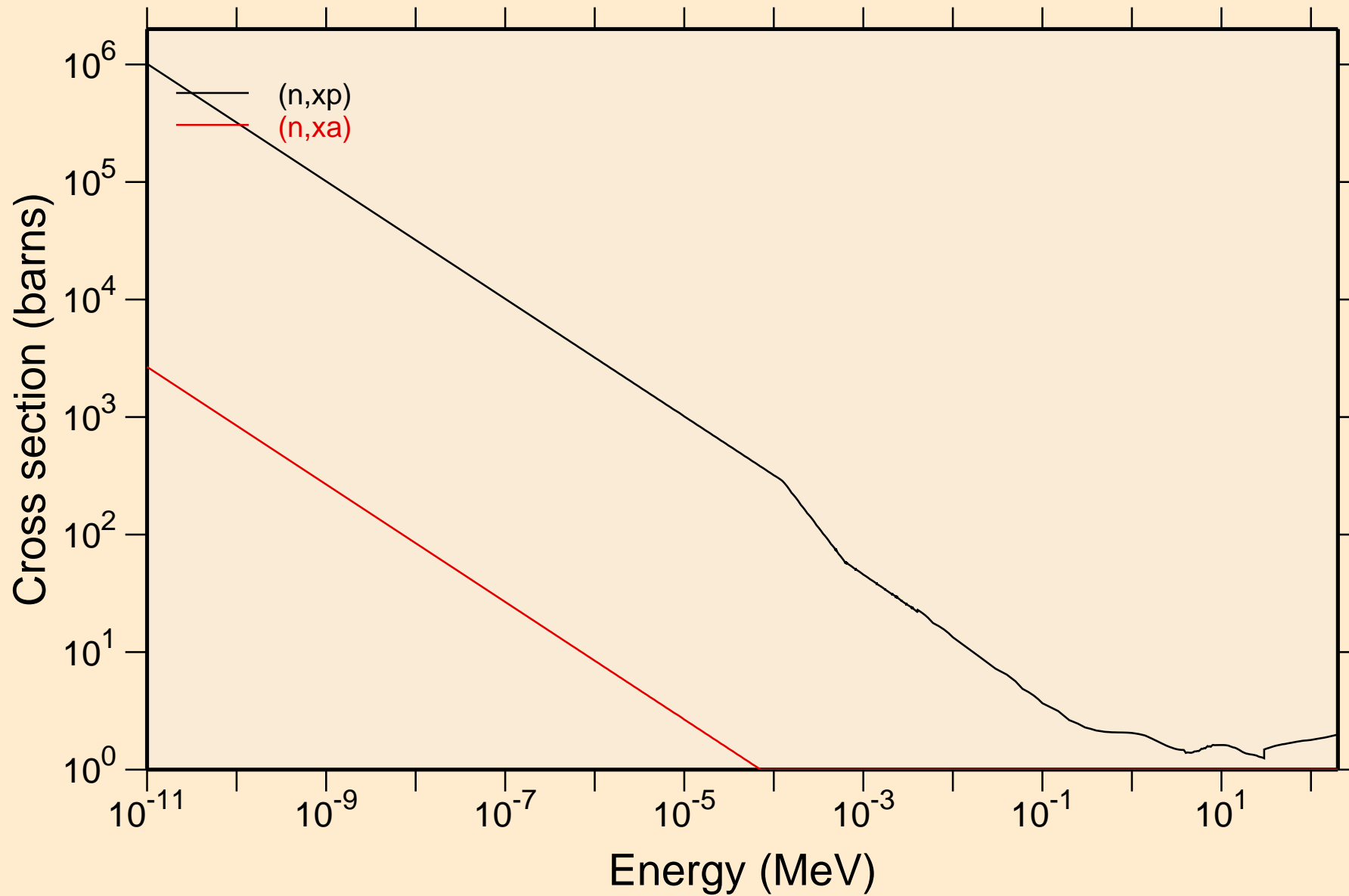


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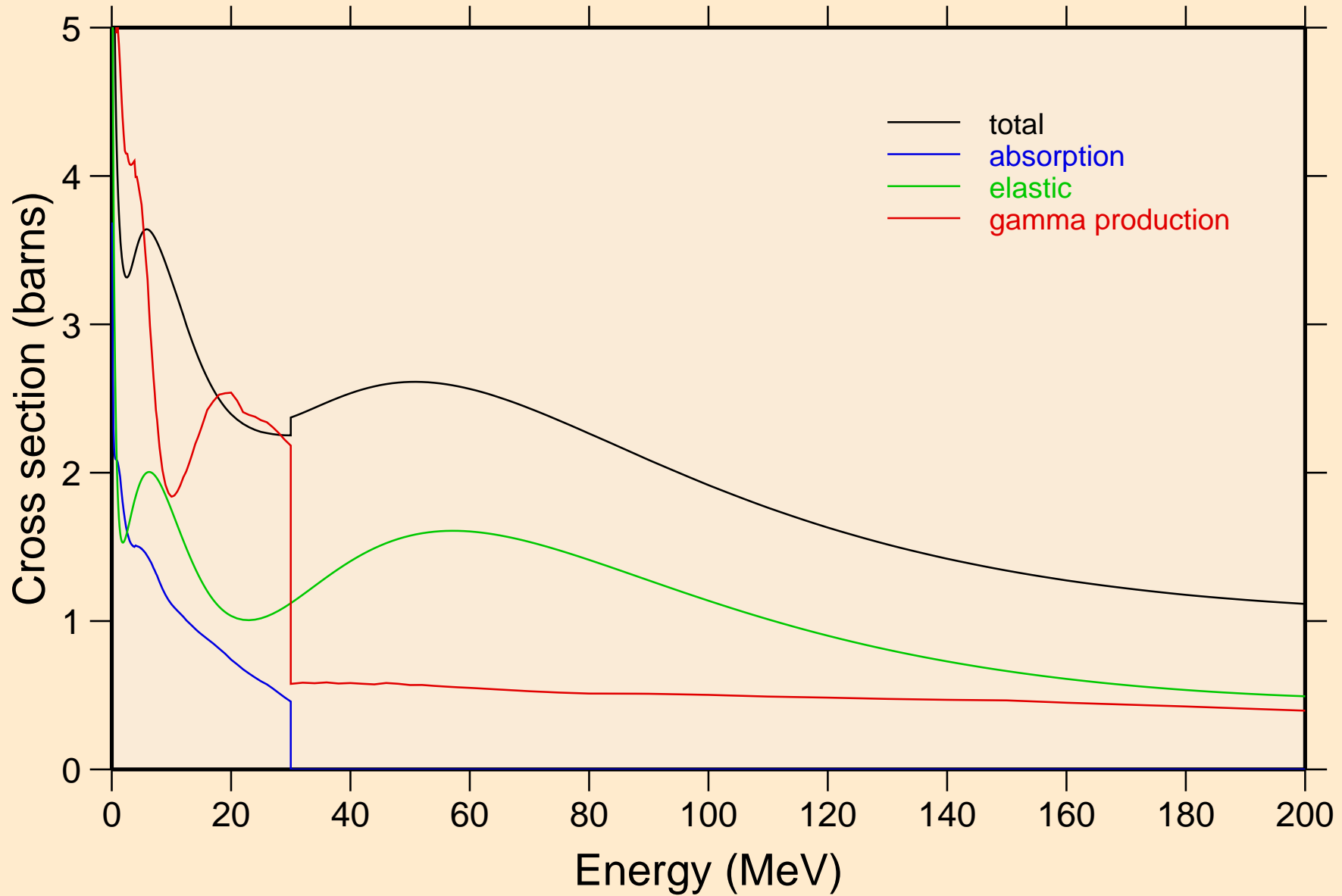
Non-threshold reactions



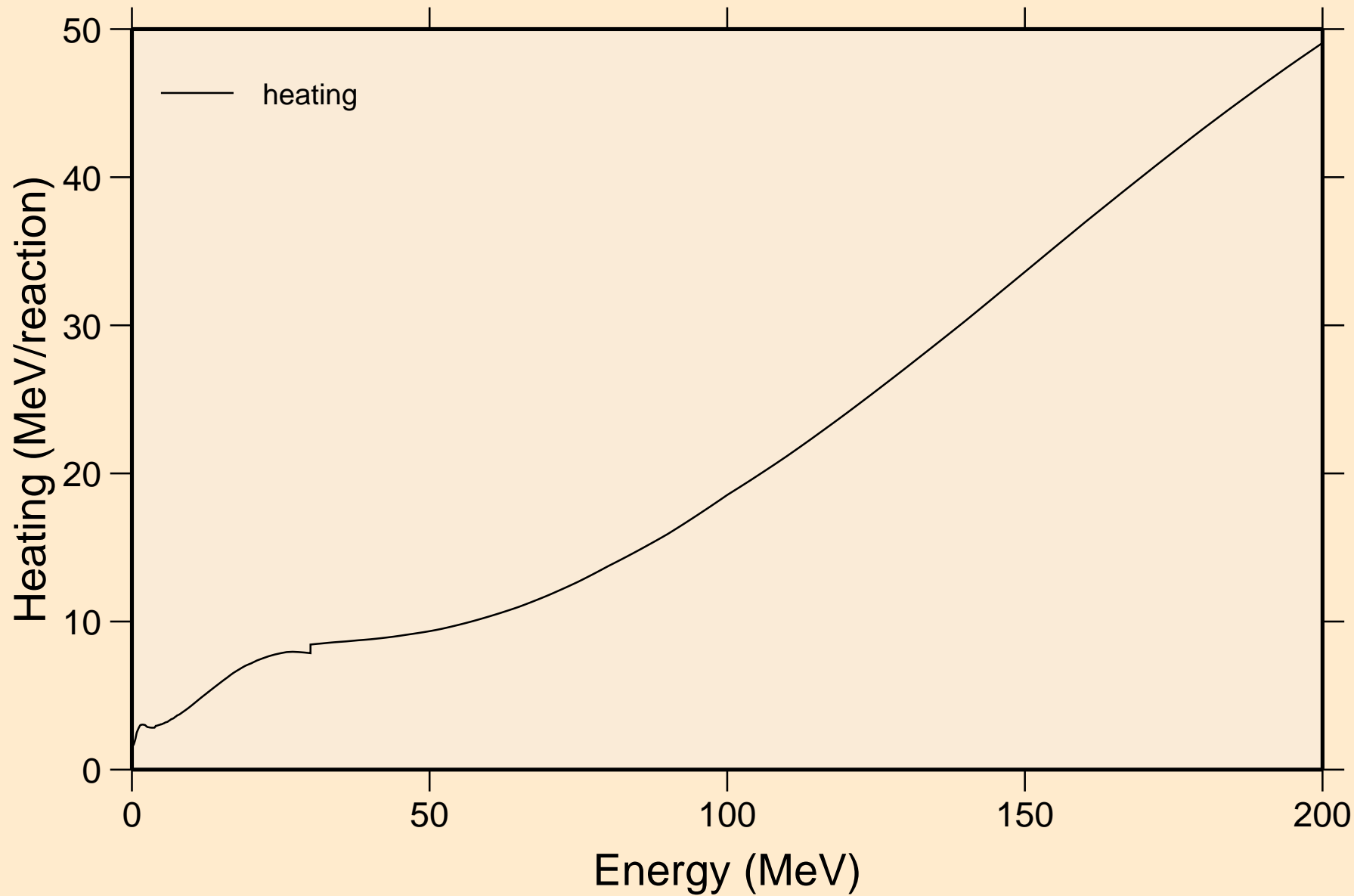
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Non-threshold reactions



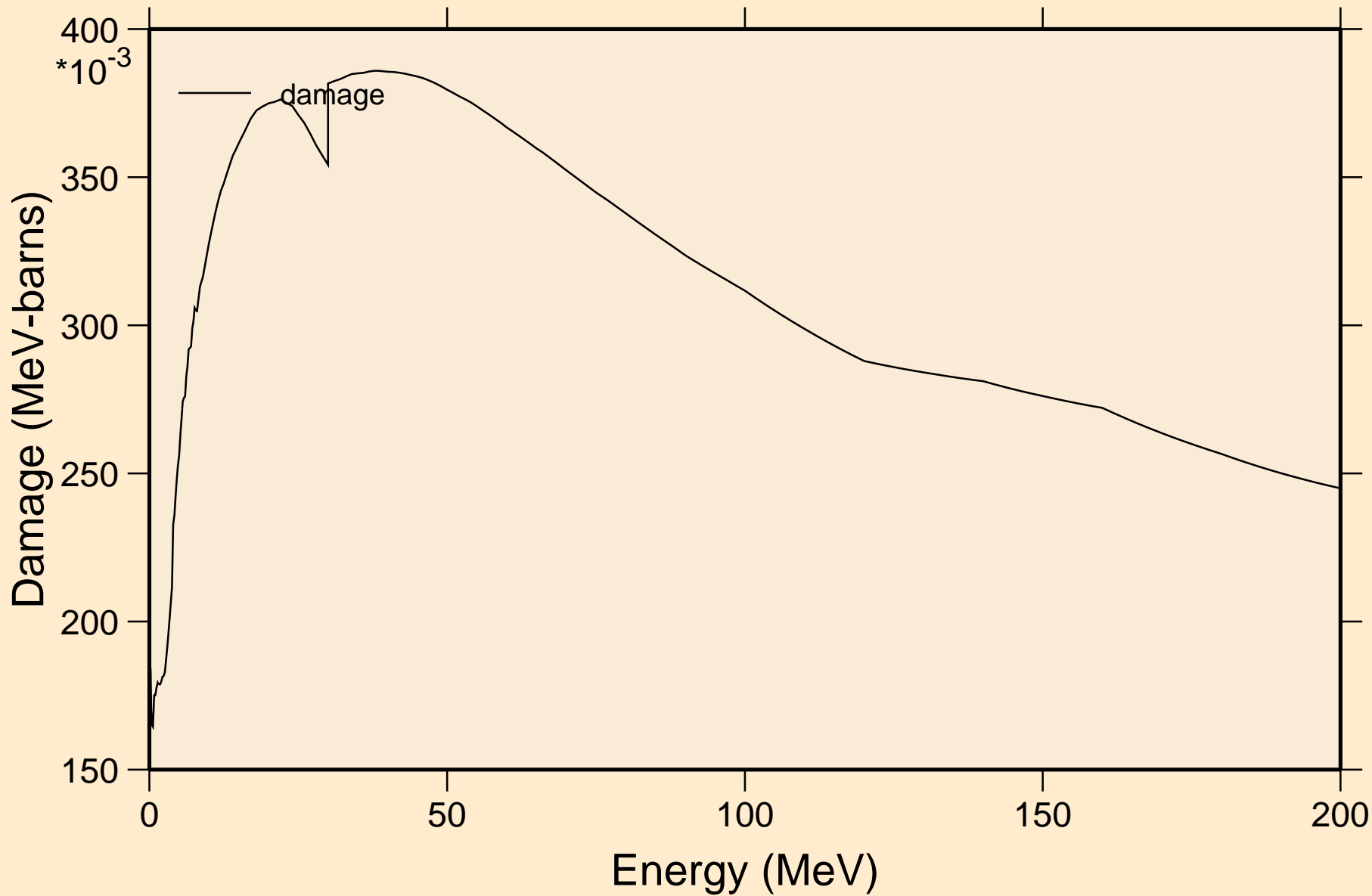
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Principal cross sections



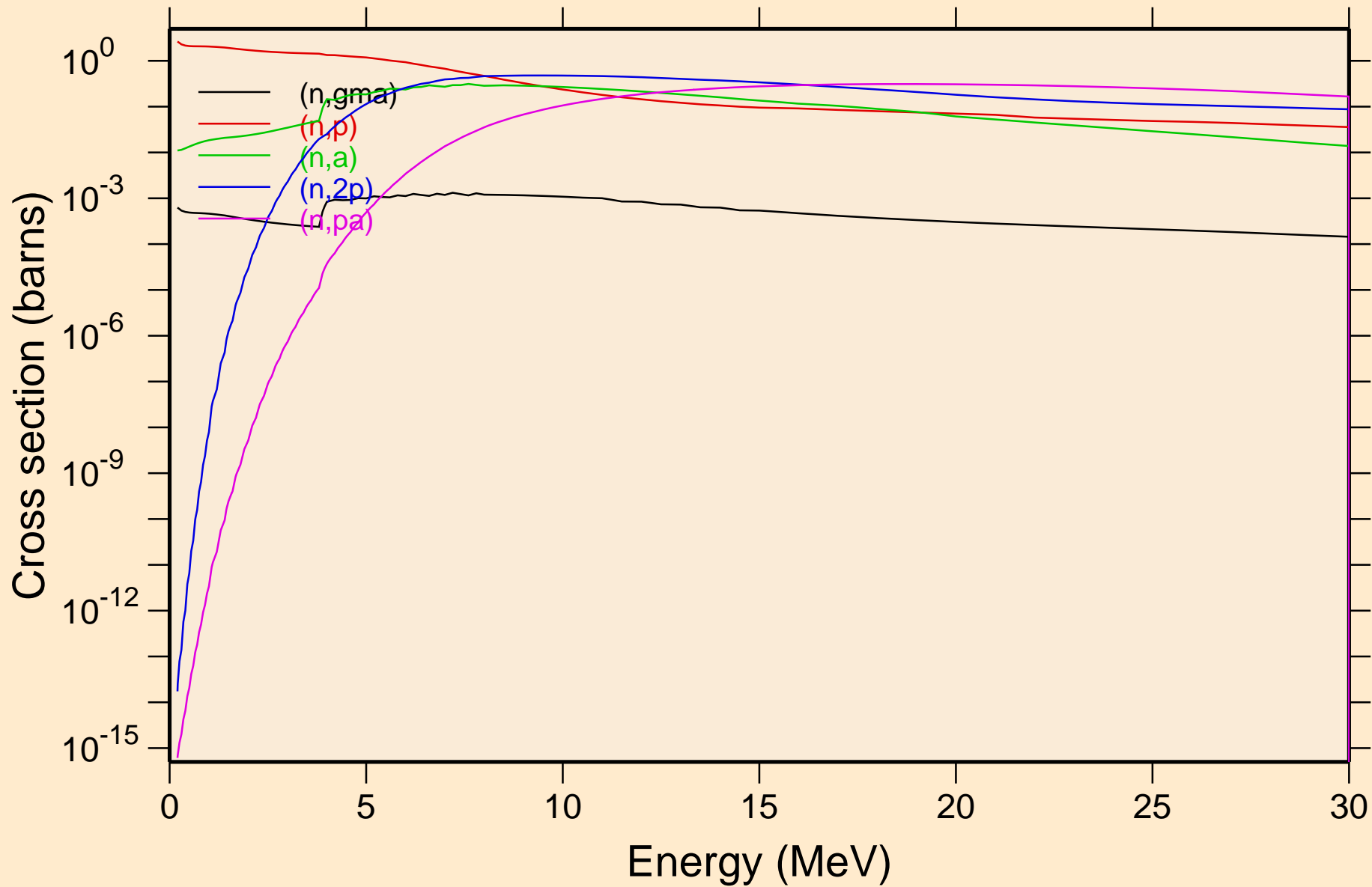
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Heating



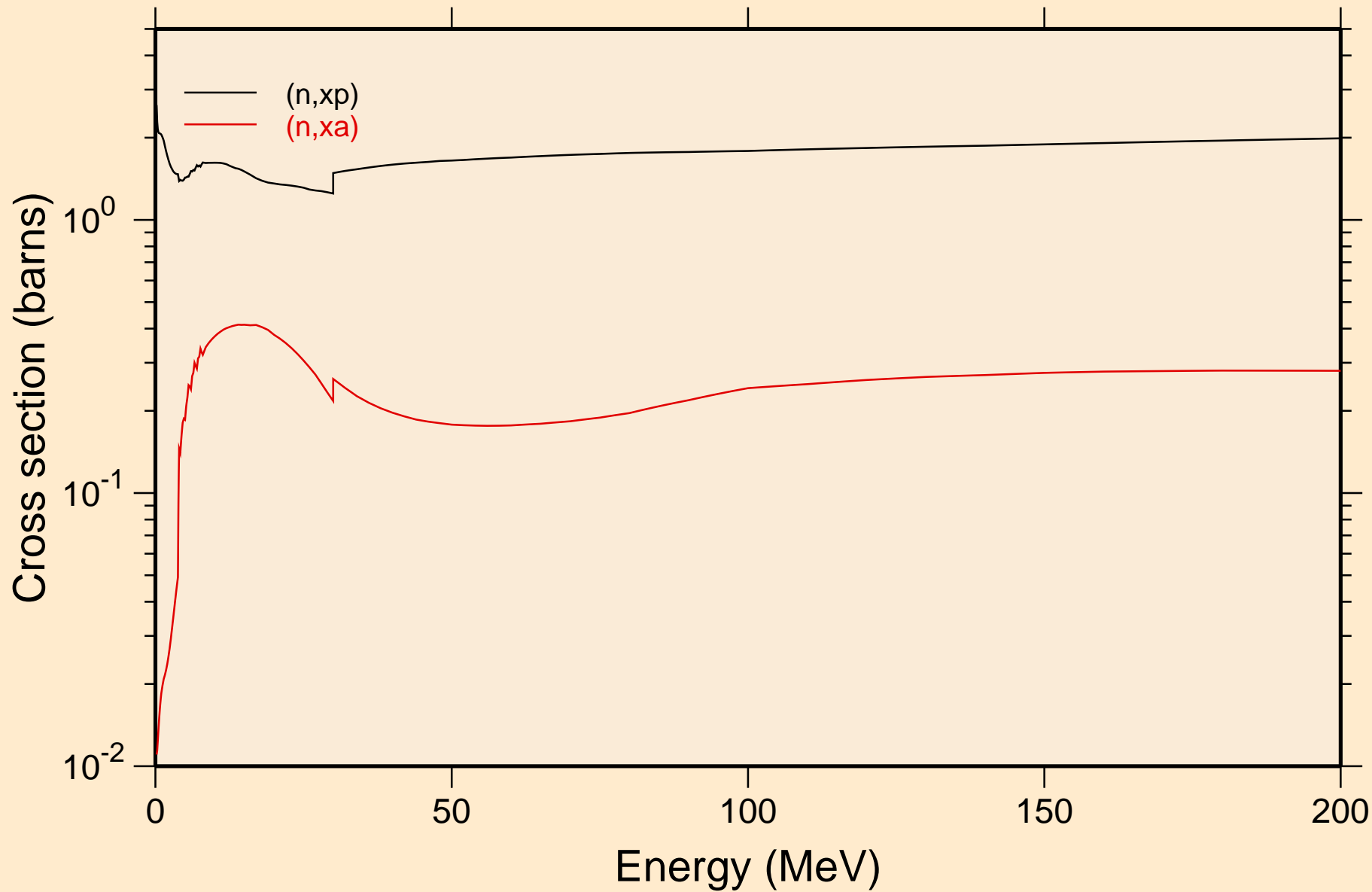
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Damage



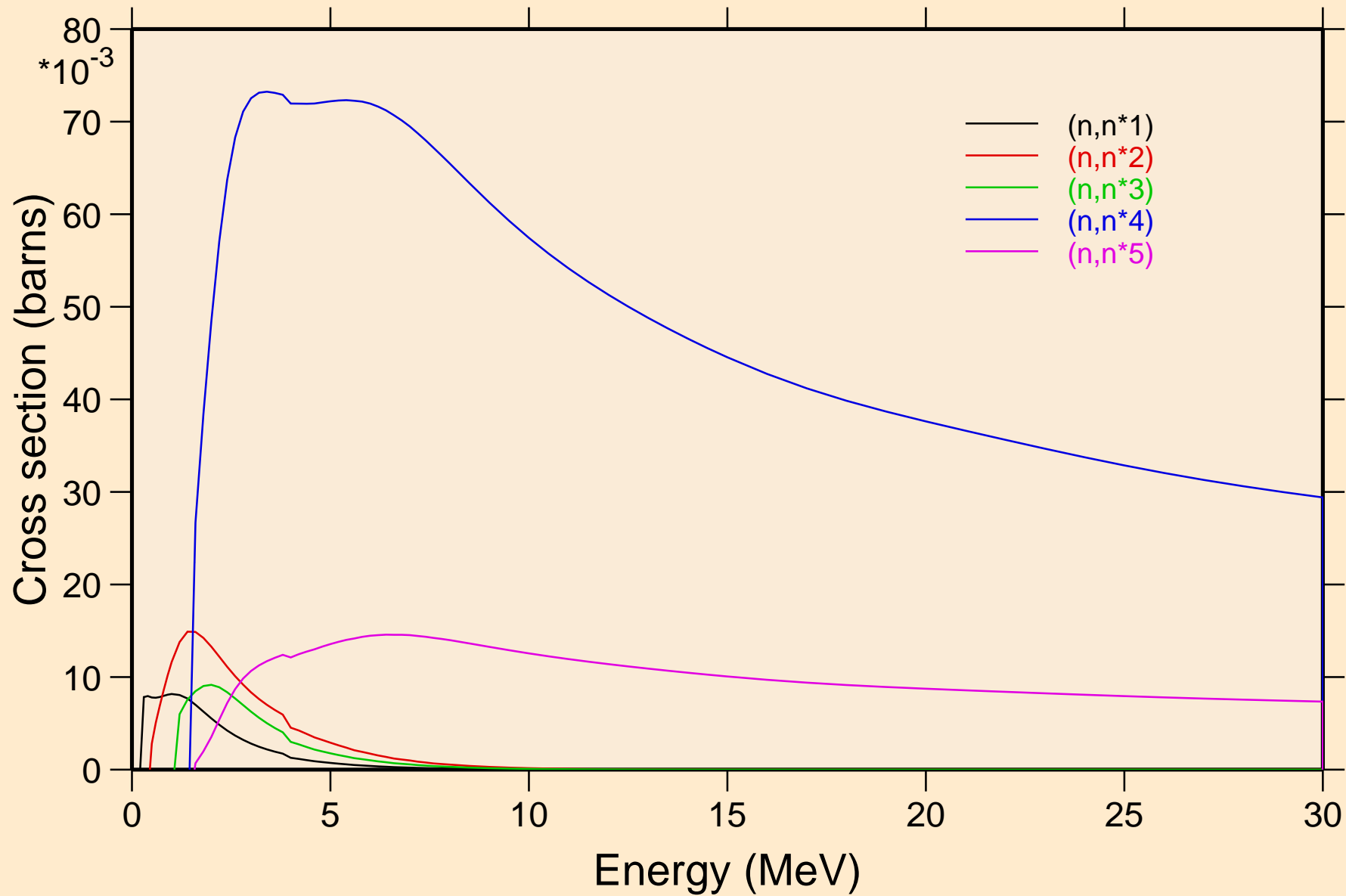
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Non-threshold reactions



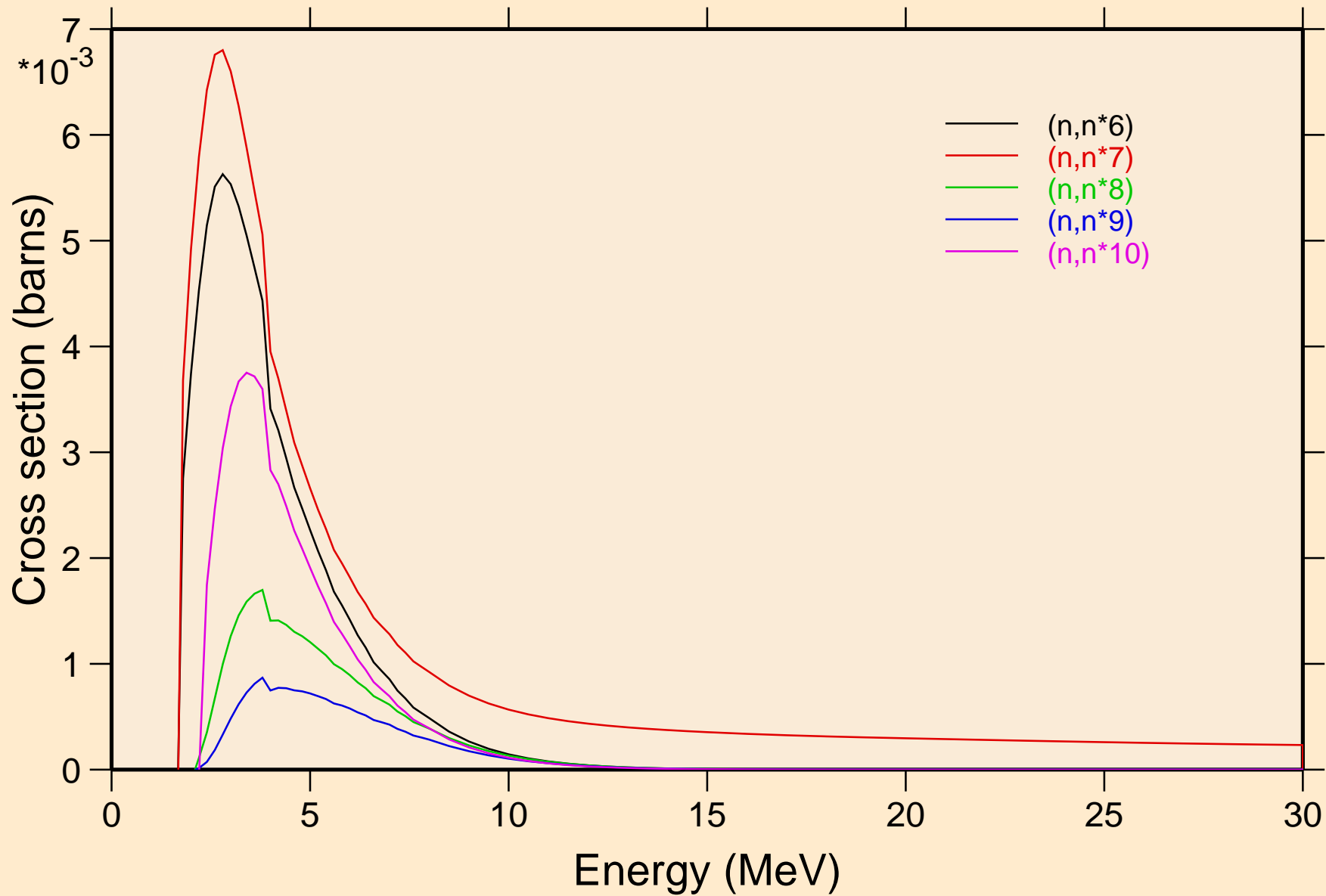
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Non-threshold reactions



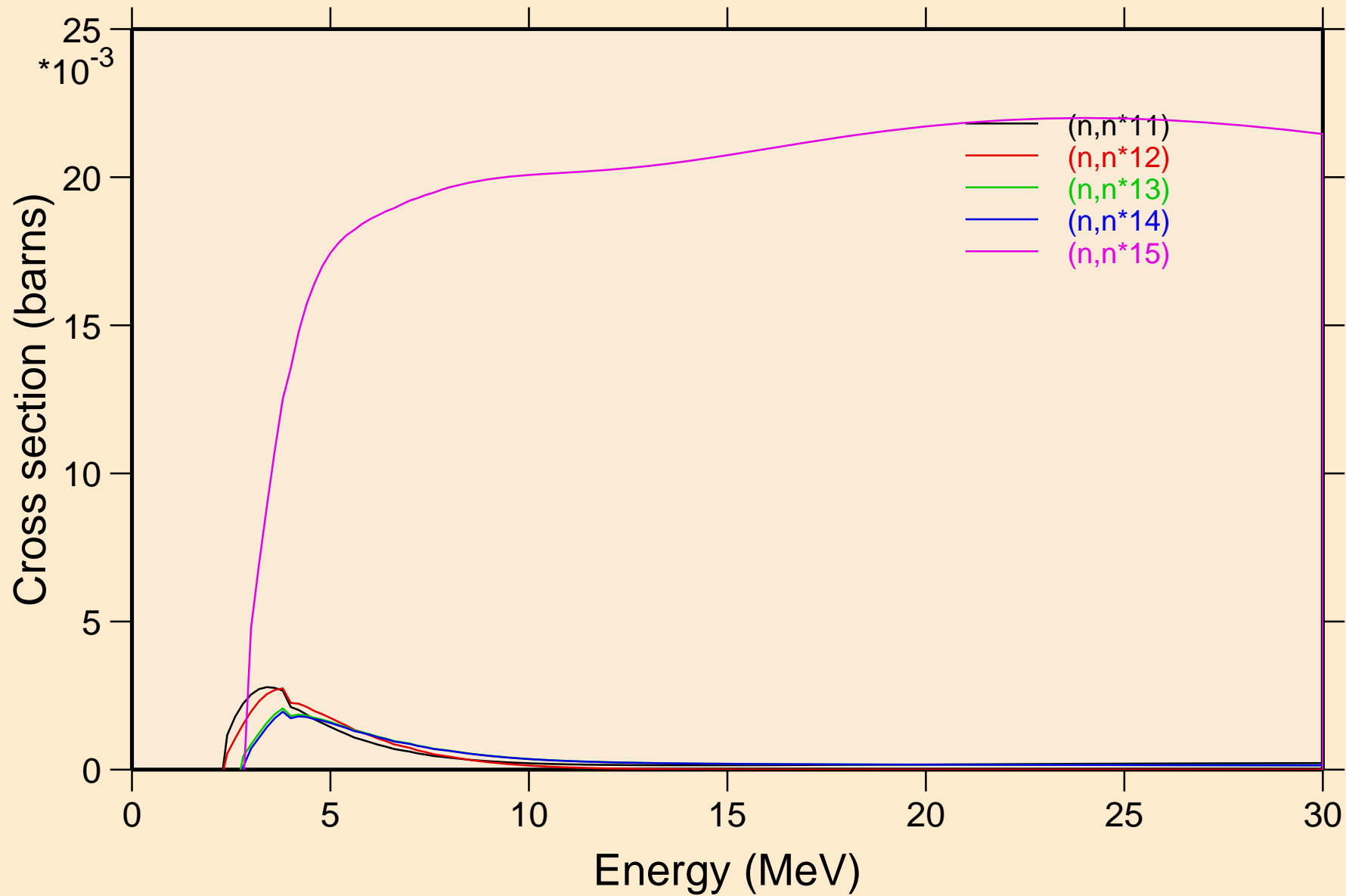
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Inelastic levels



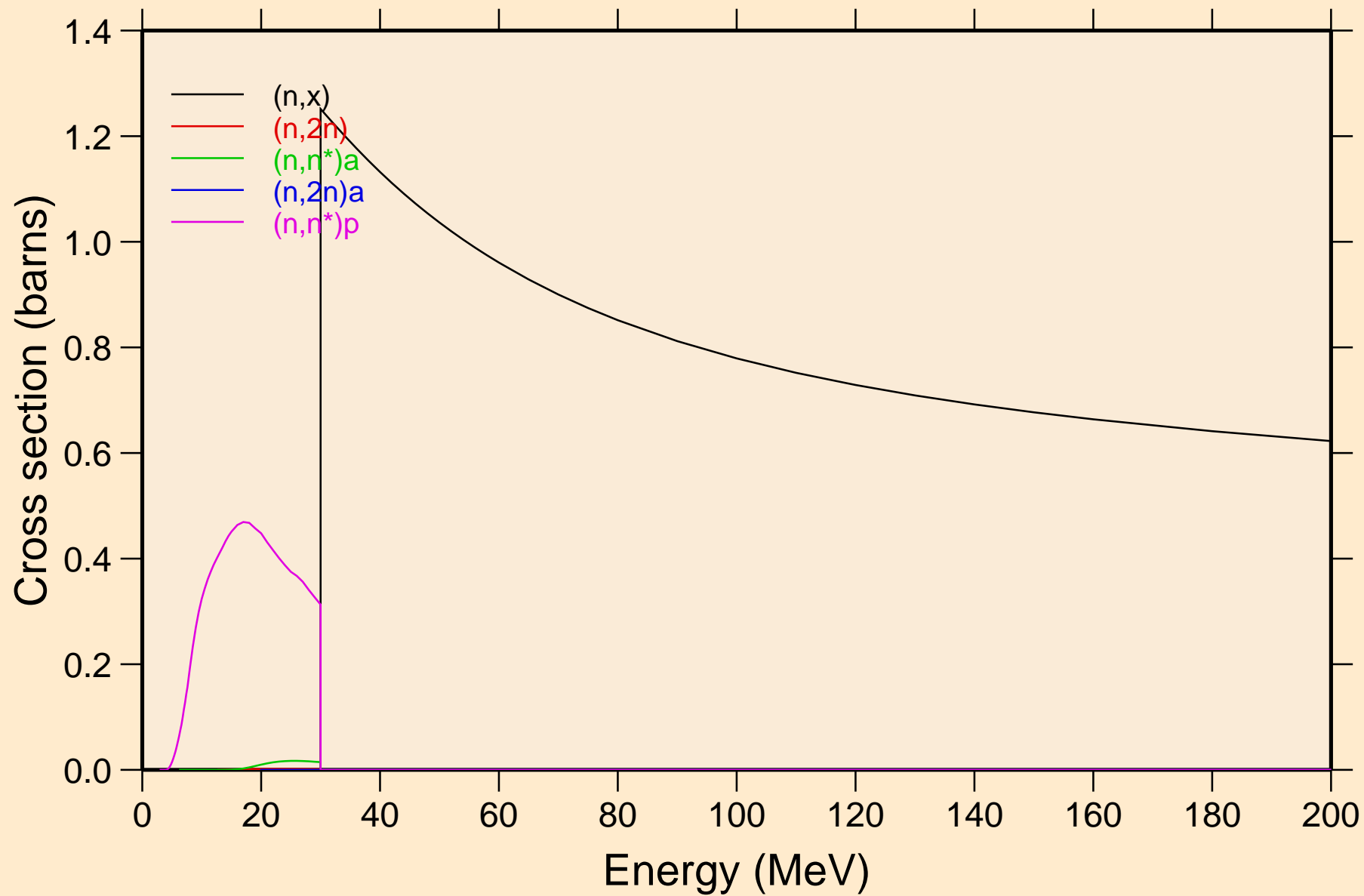
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



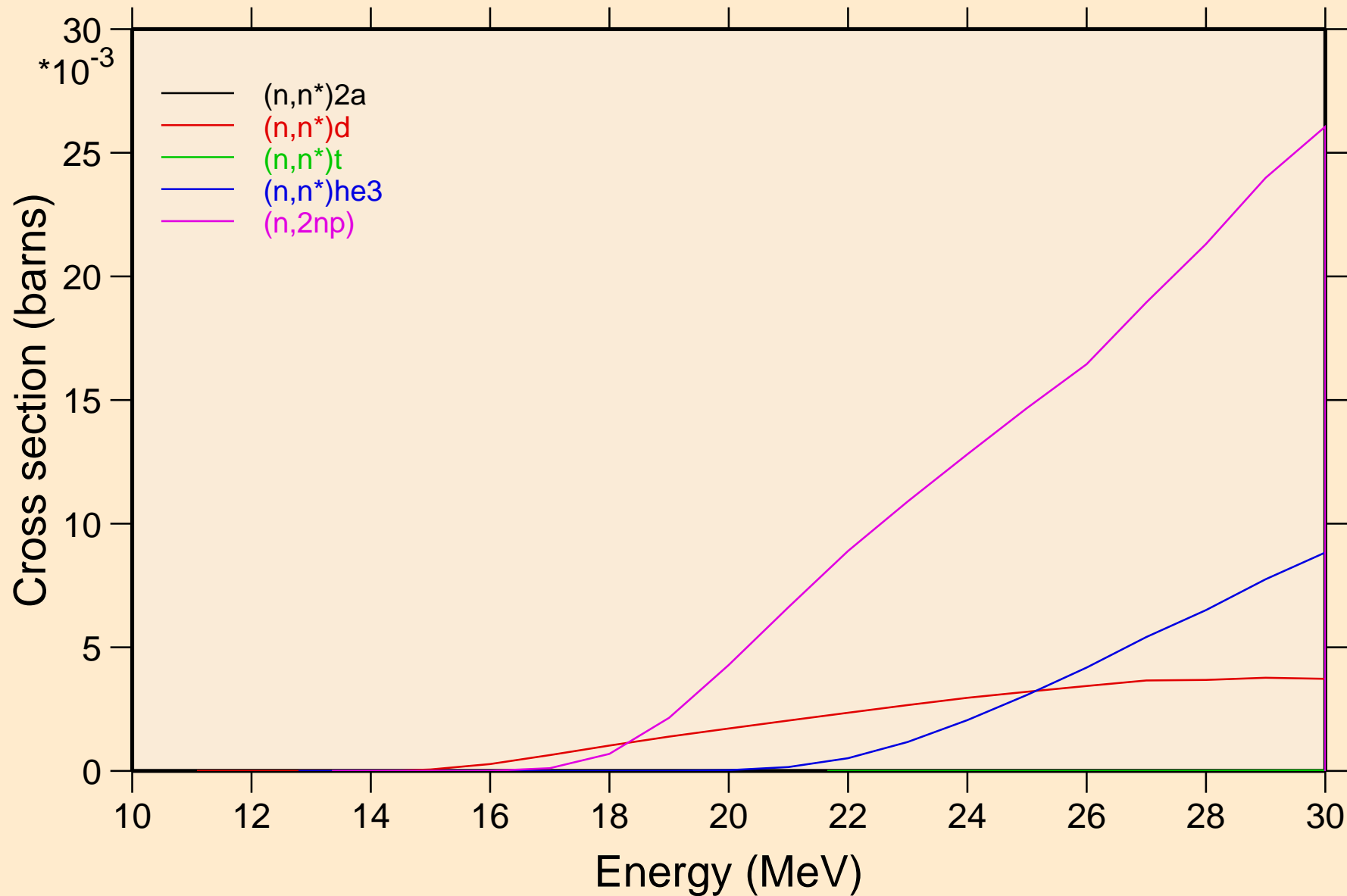
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

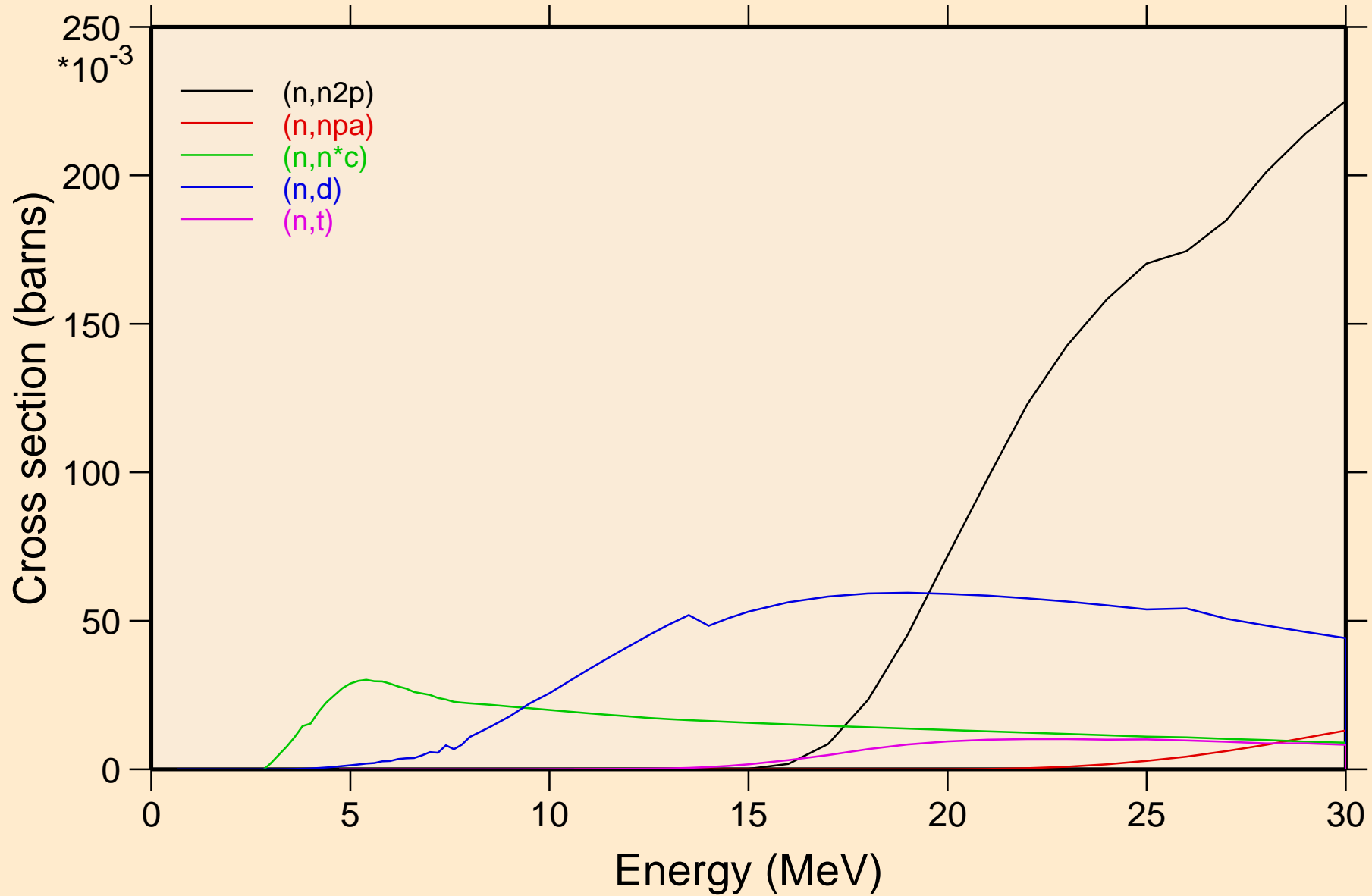


CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

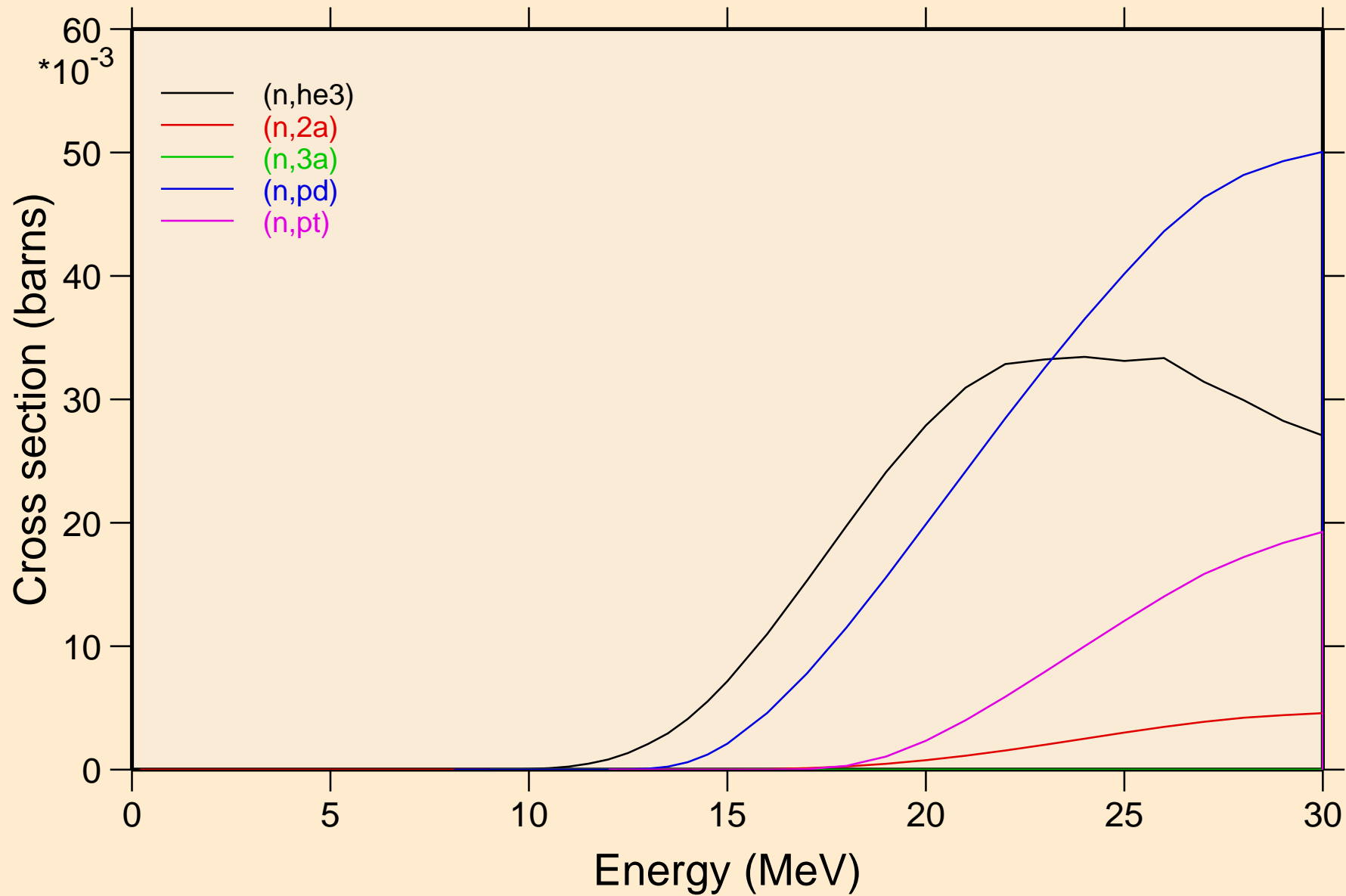


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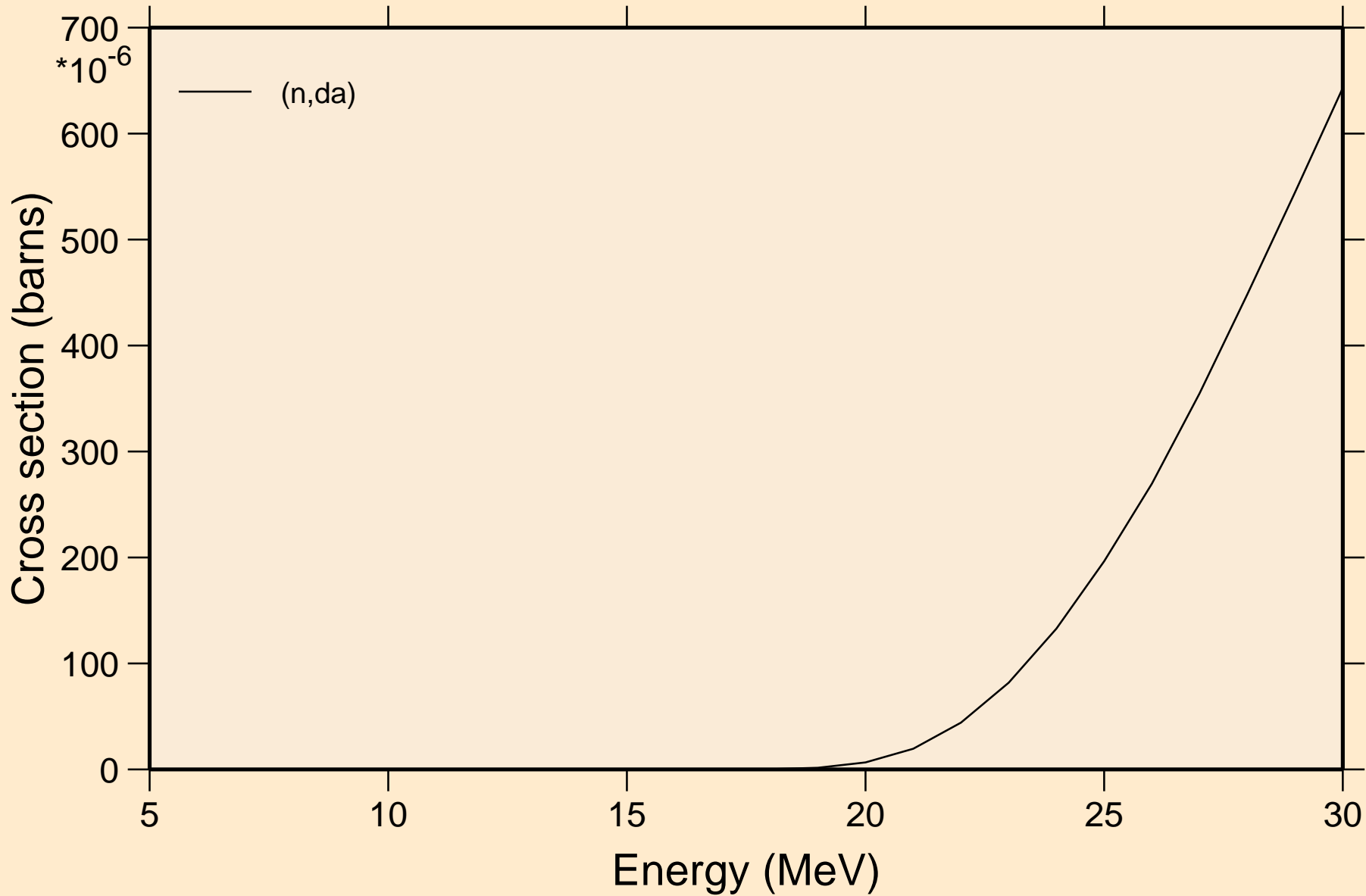
Threshold reactions



CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

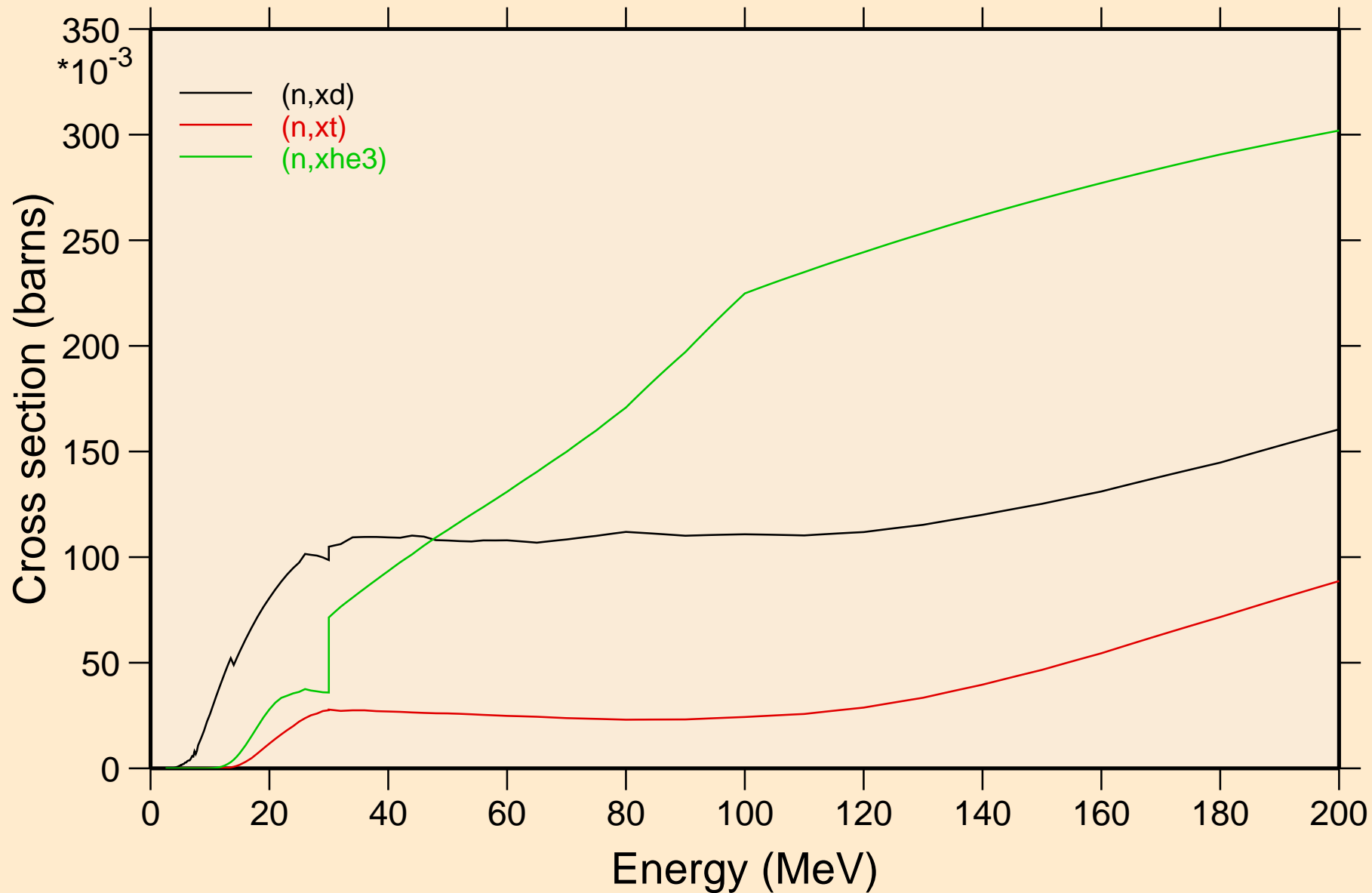


CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

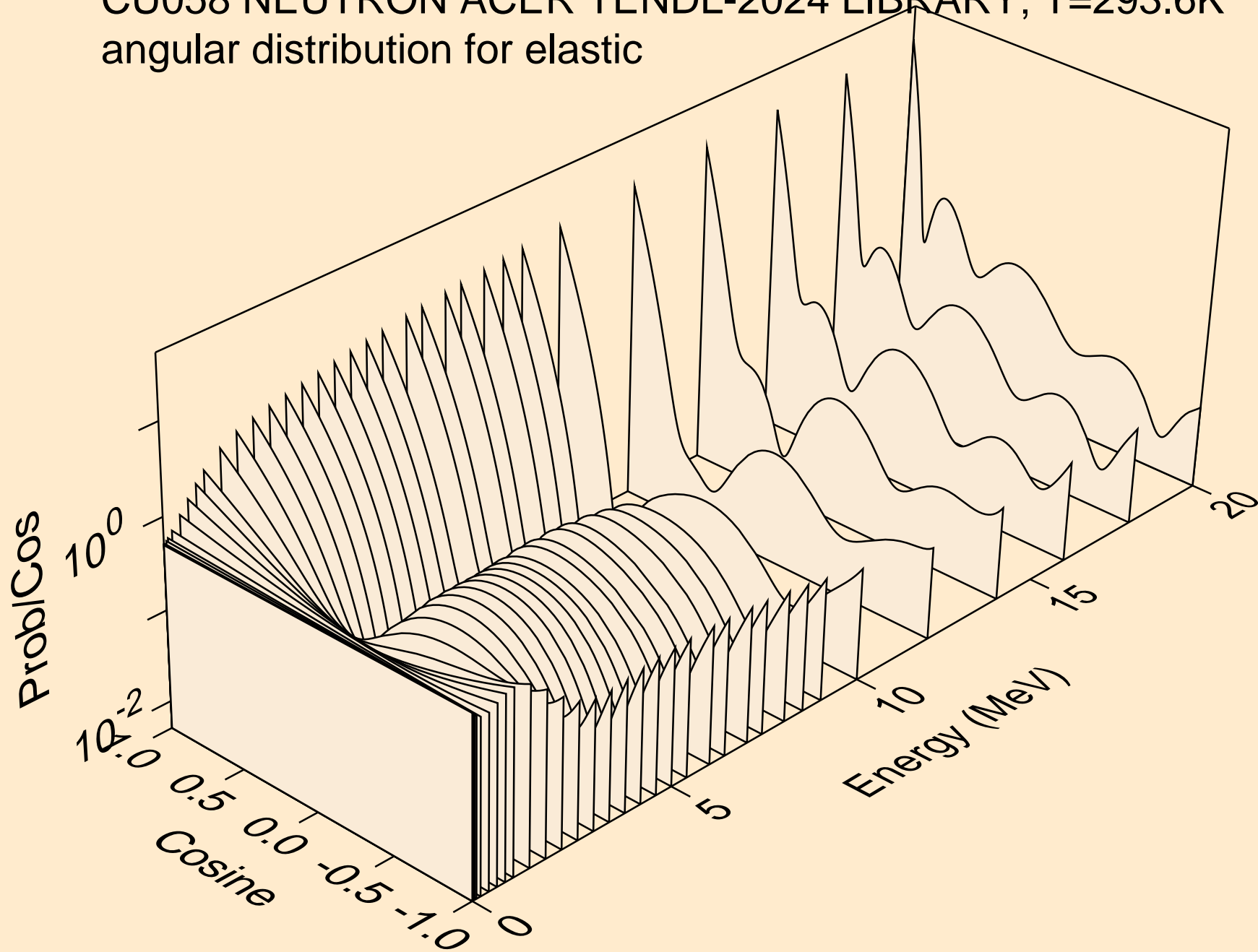


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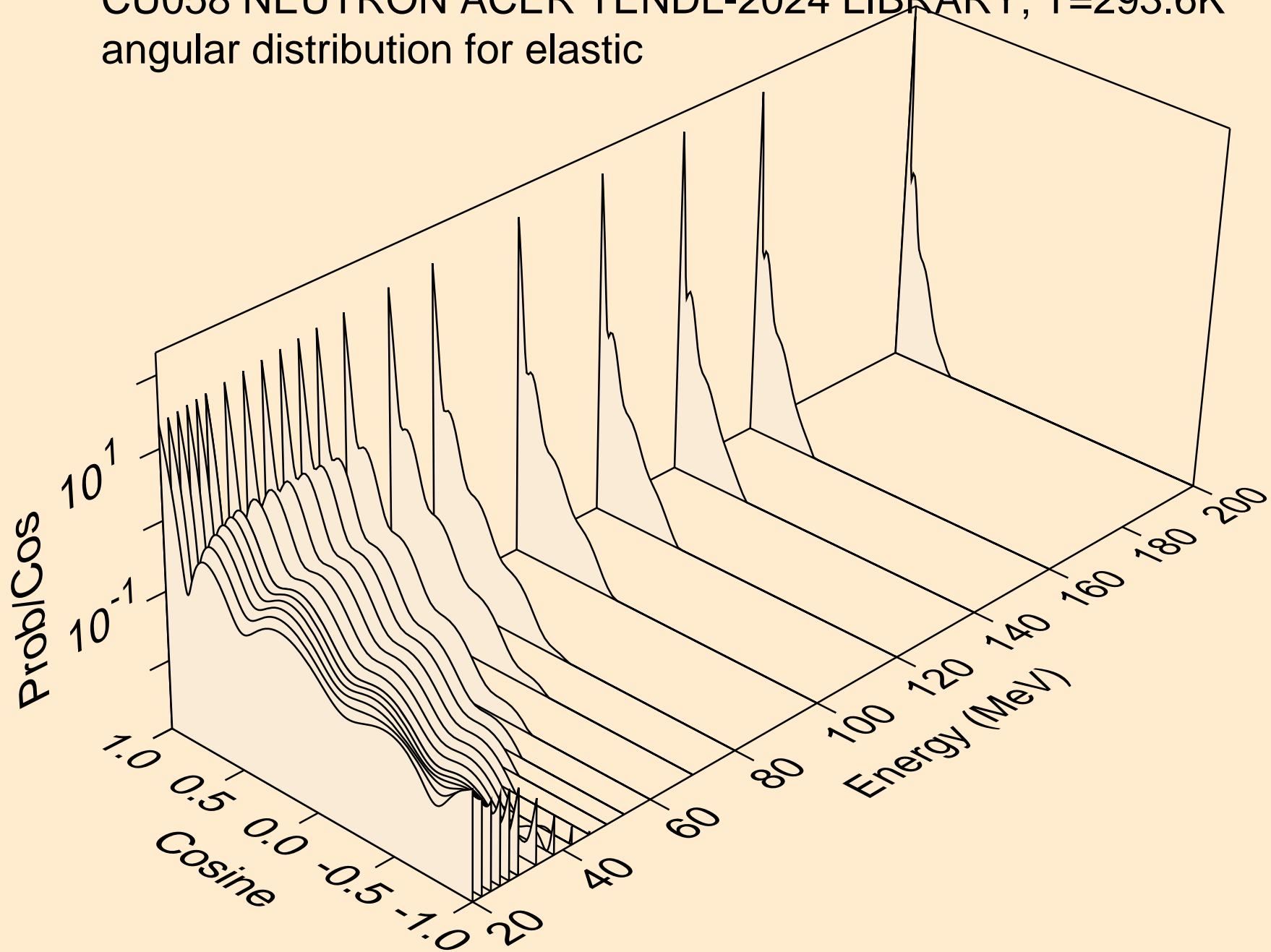
Threshold reactions



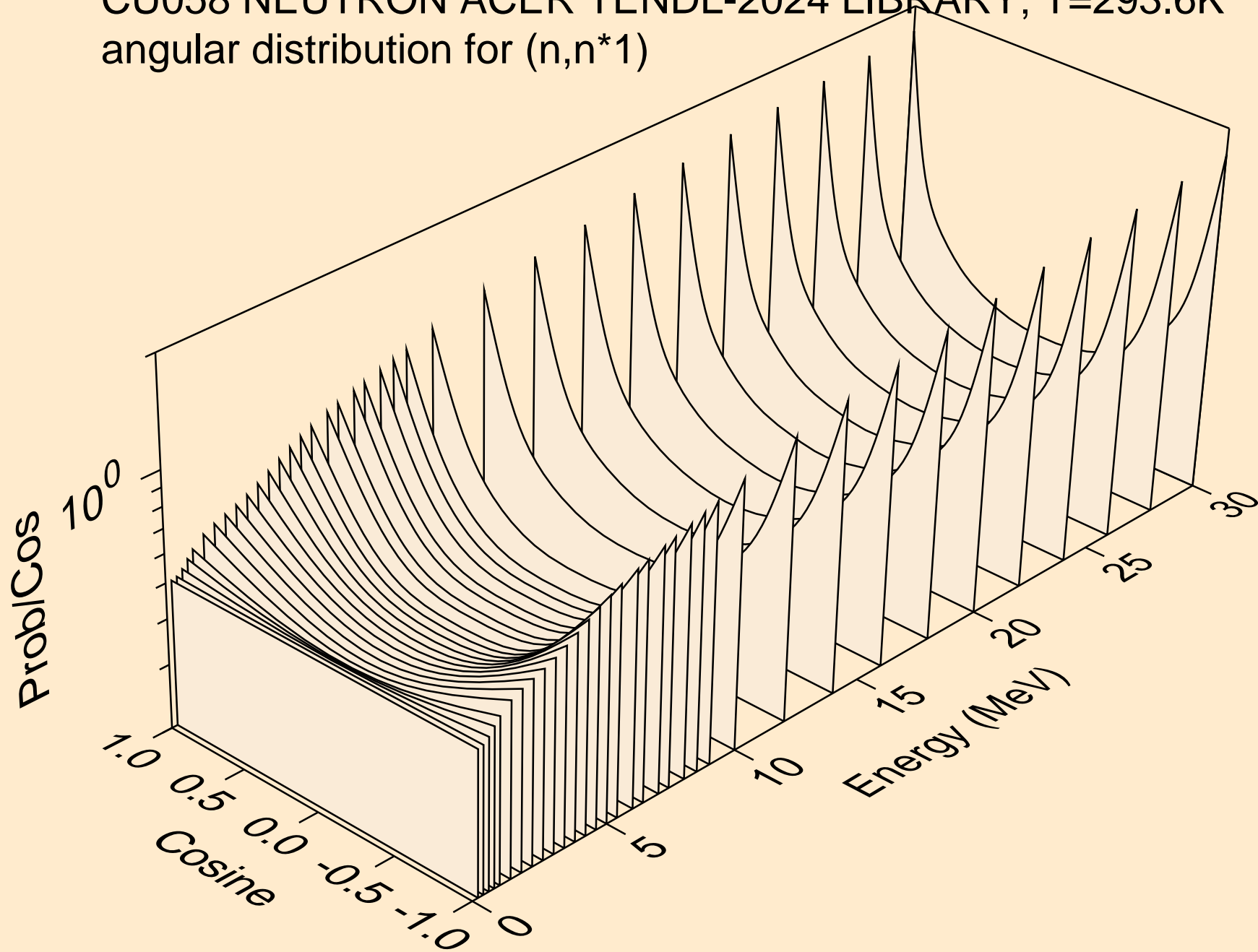
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



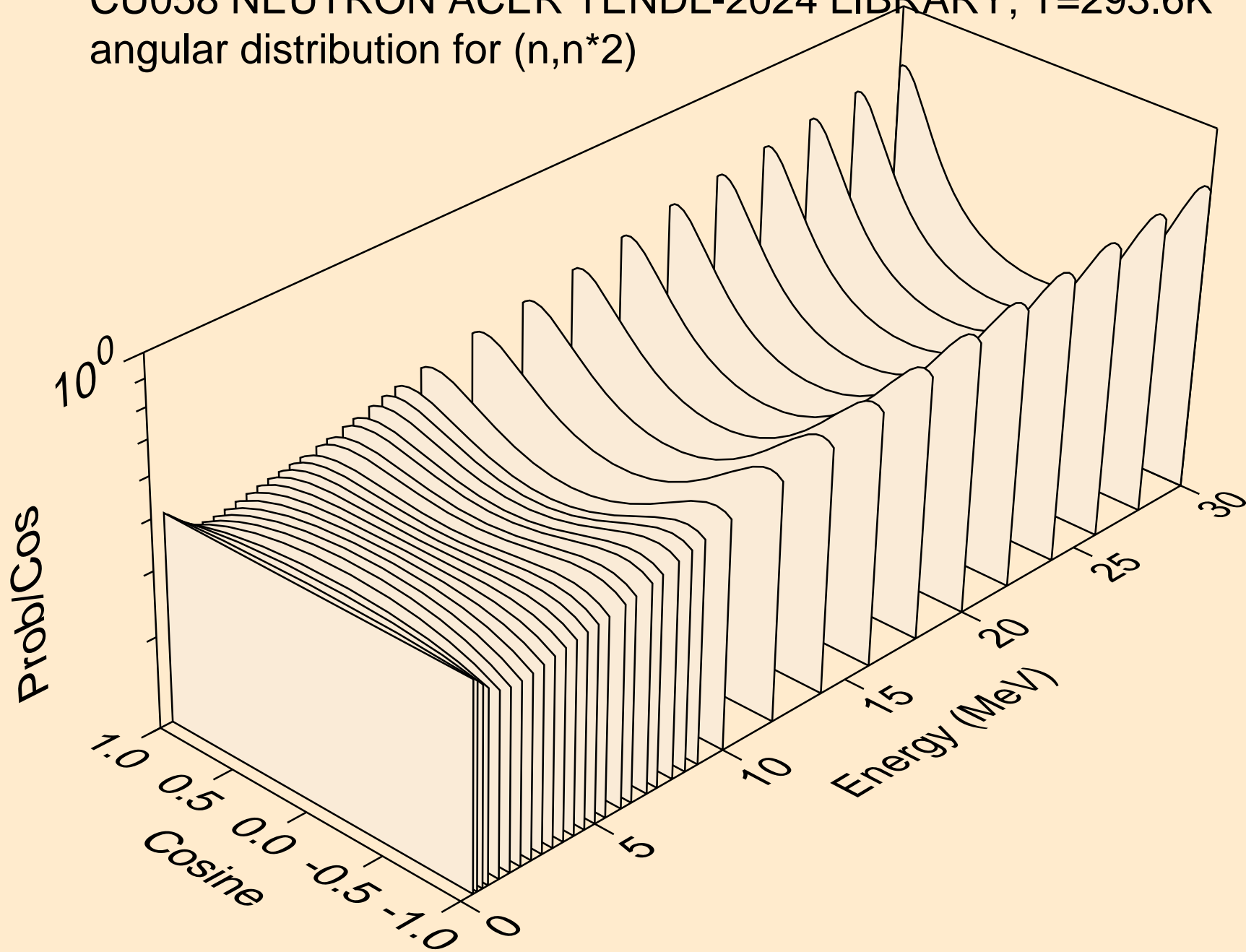
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angular distribution for elastic



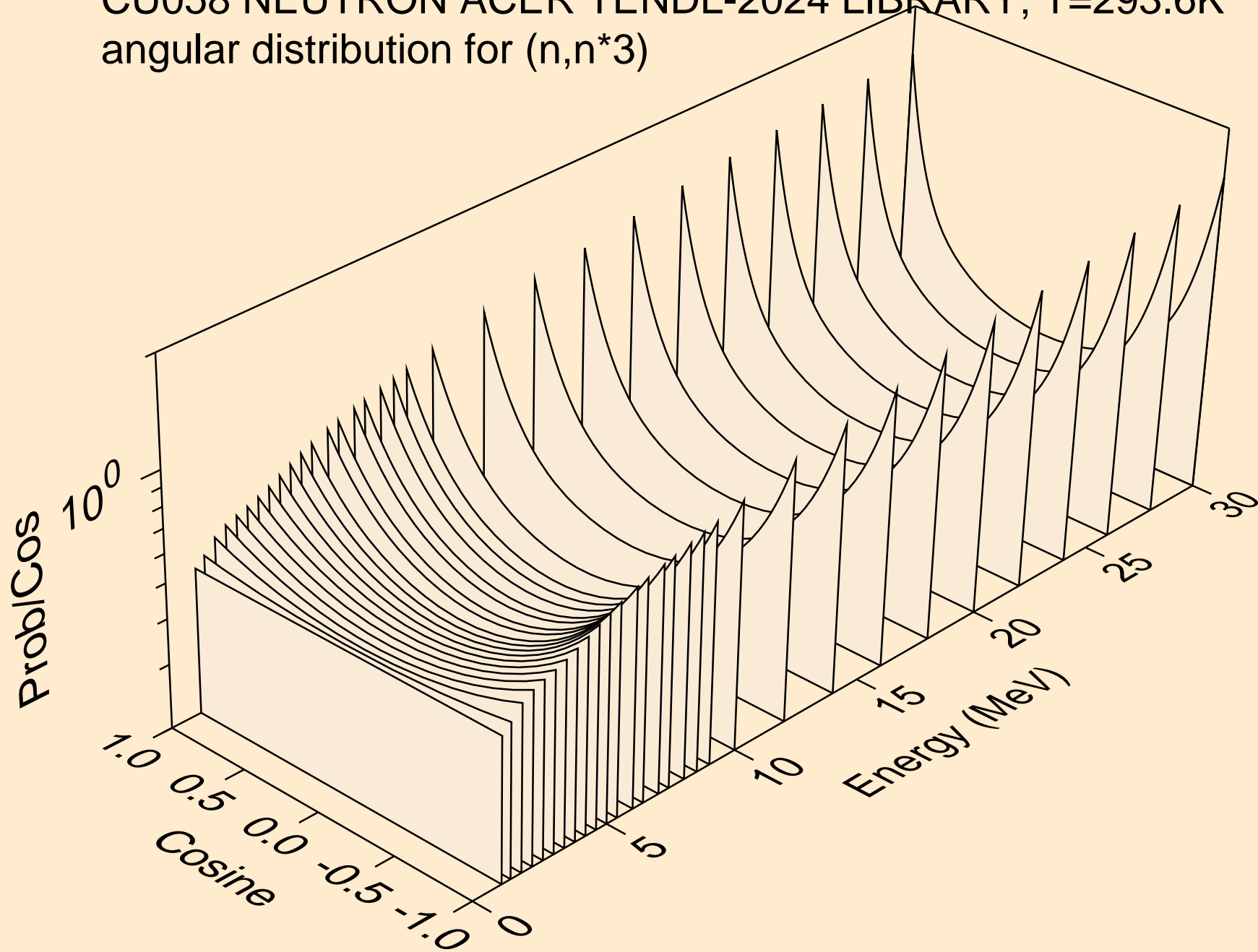
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



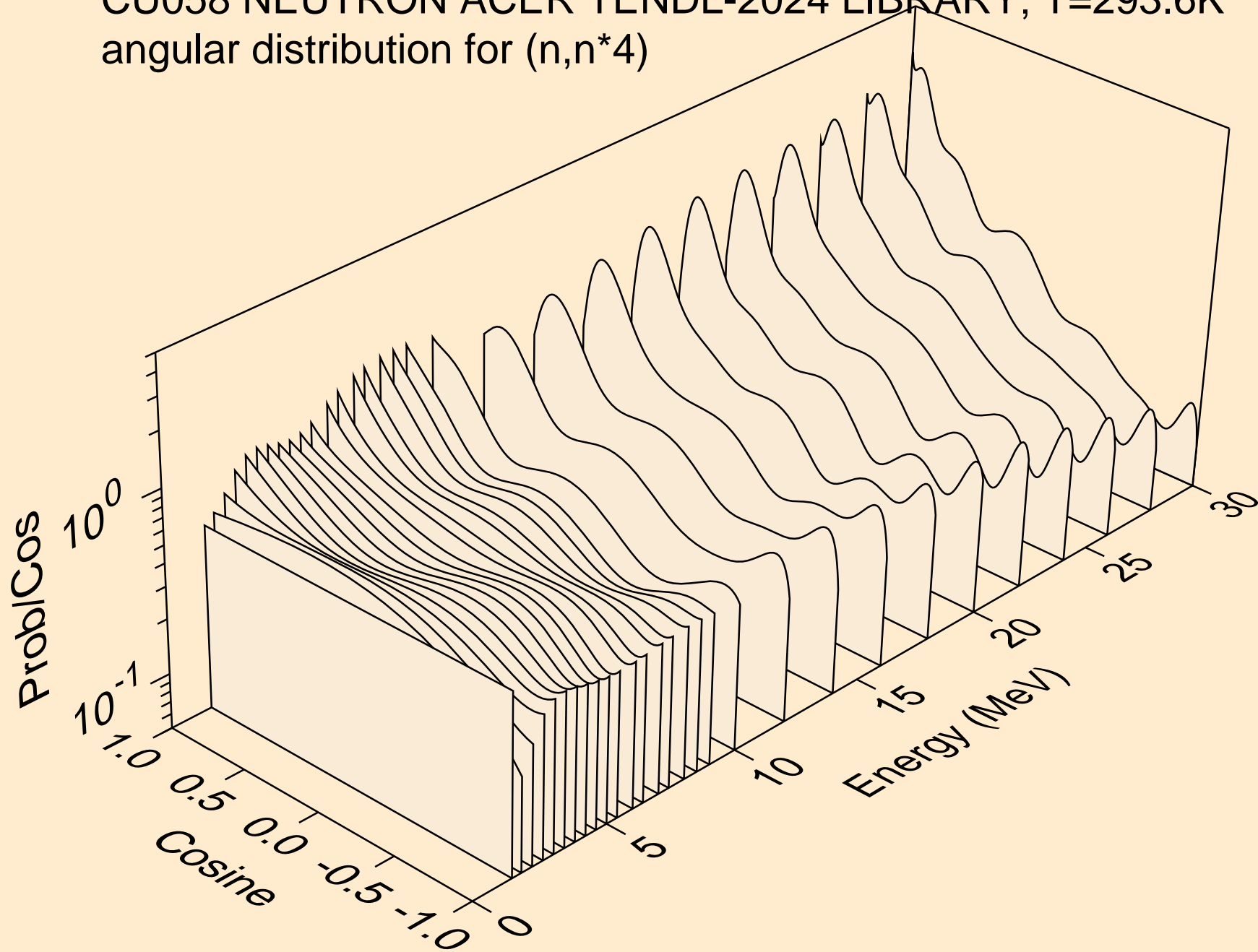
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angular distribution for (n,n*2)



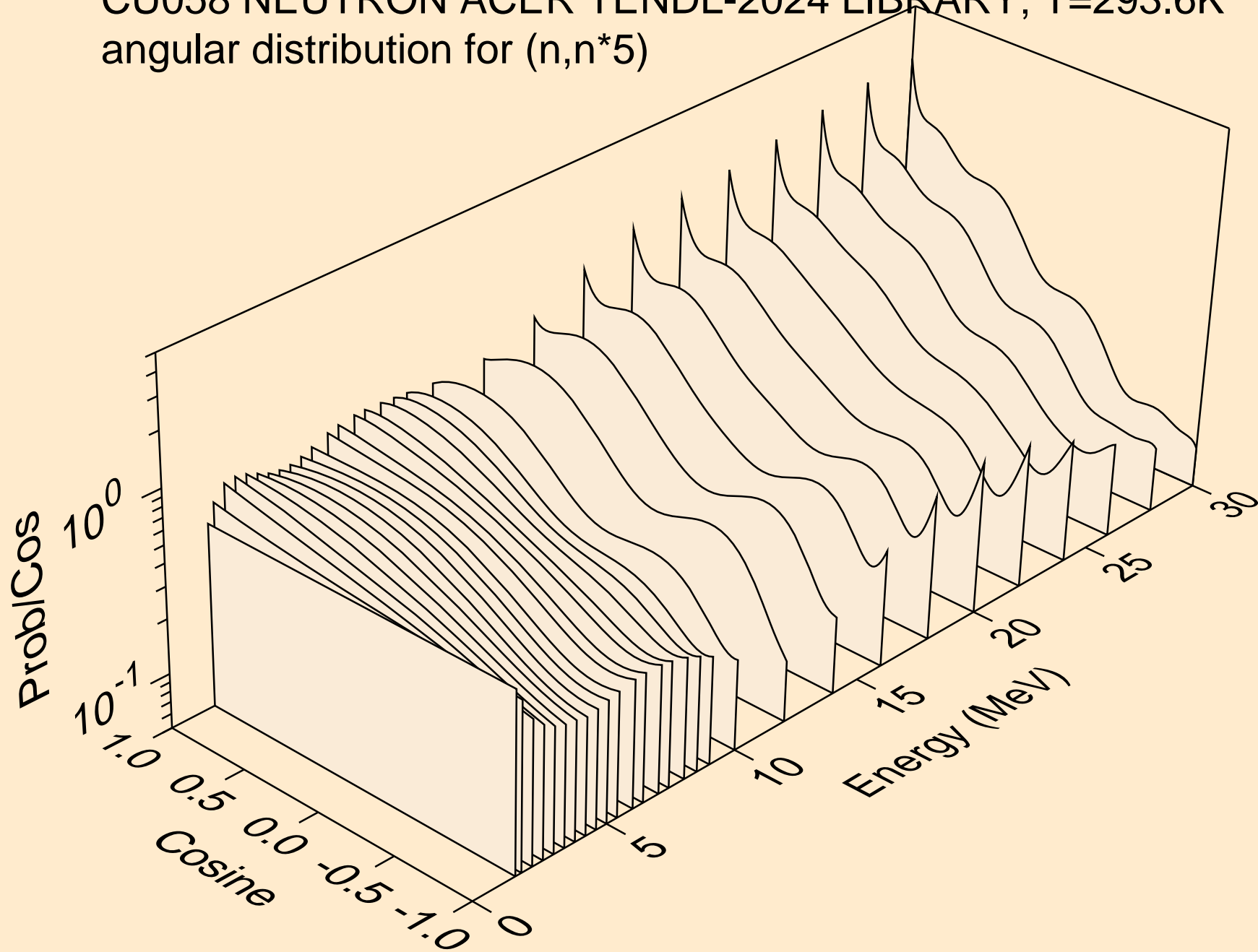
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angular distribution for (n,n*3)



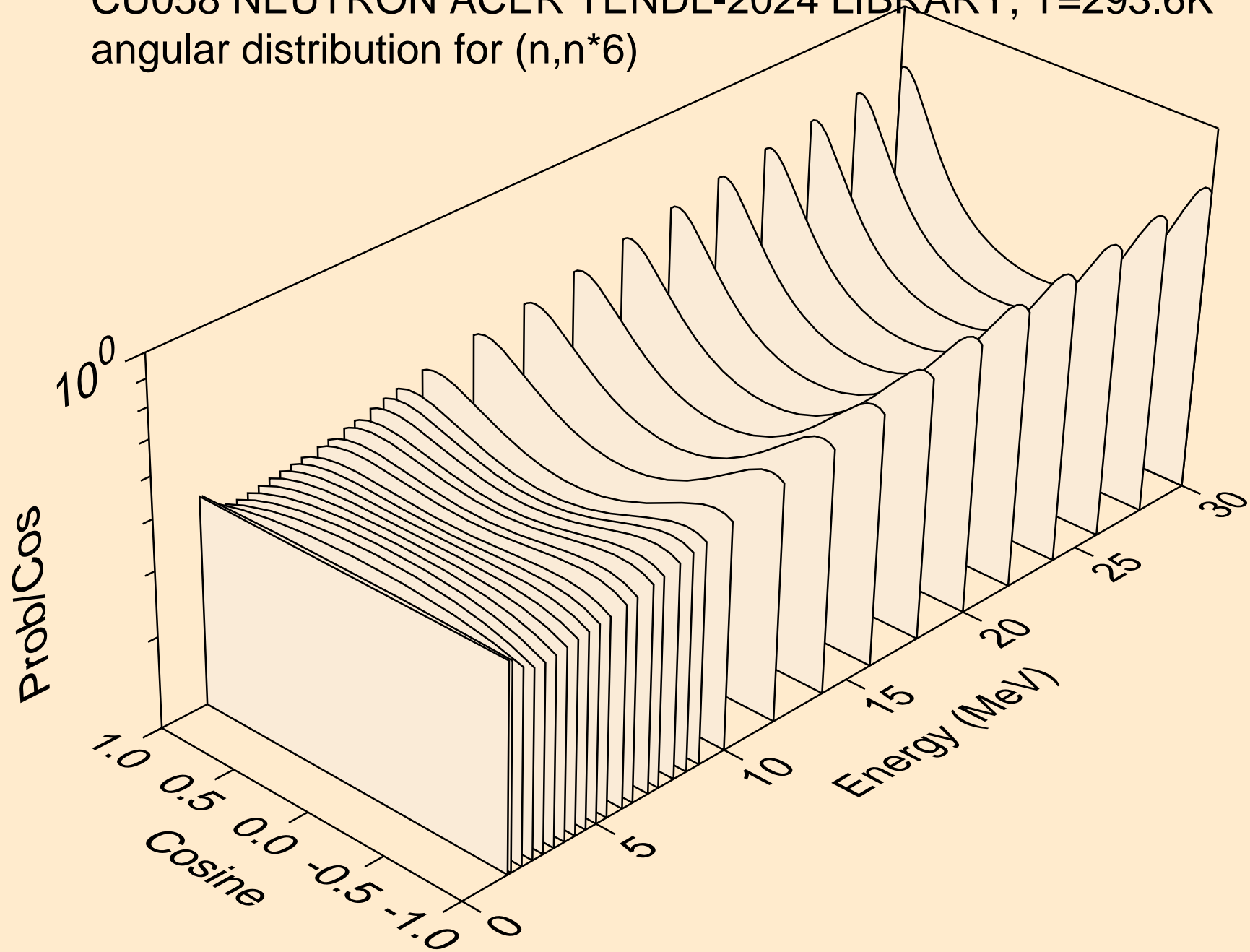
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angular distribution for (n,n*4)



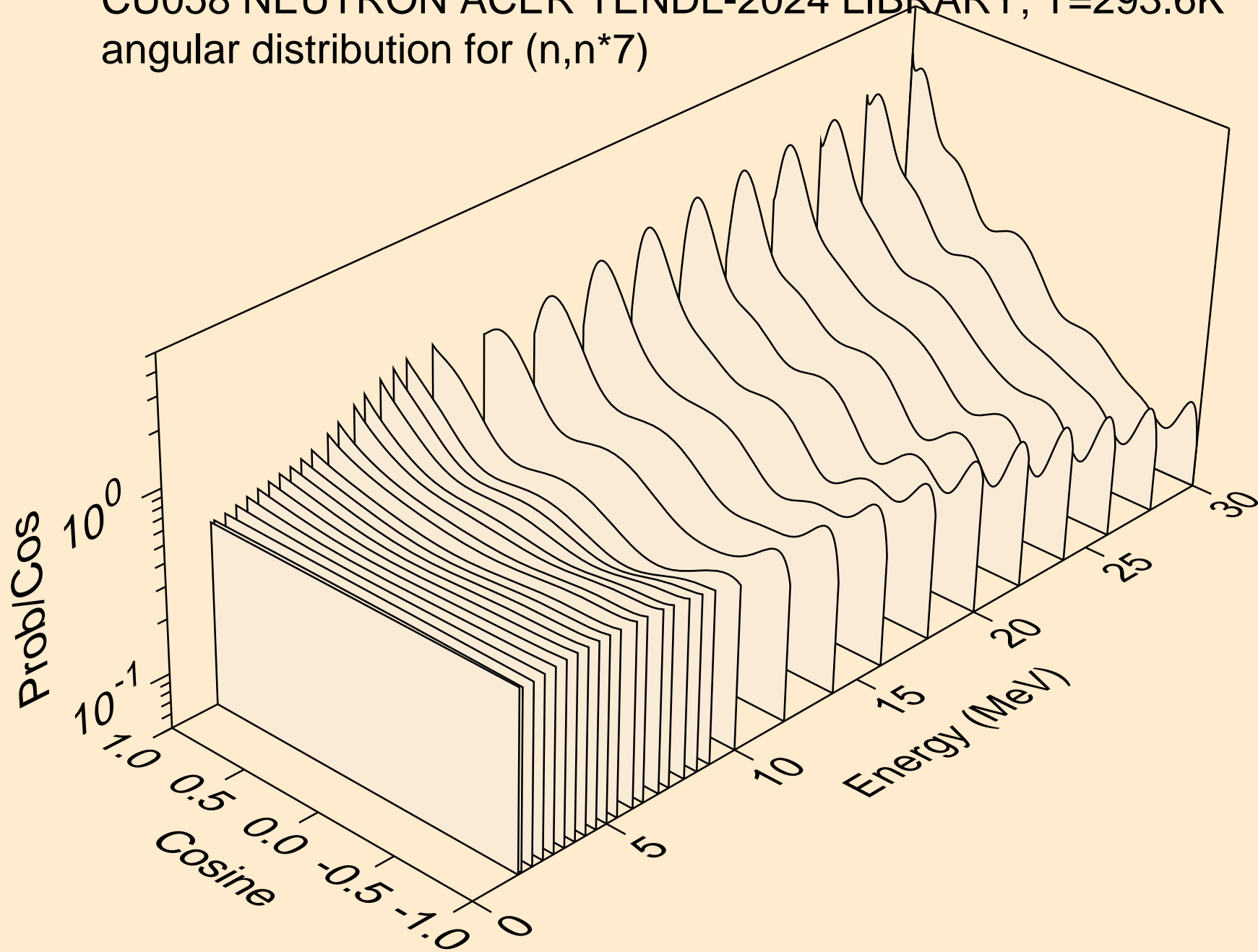
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angular distribution for (n,n*5)



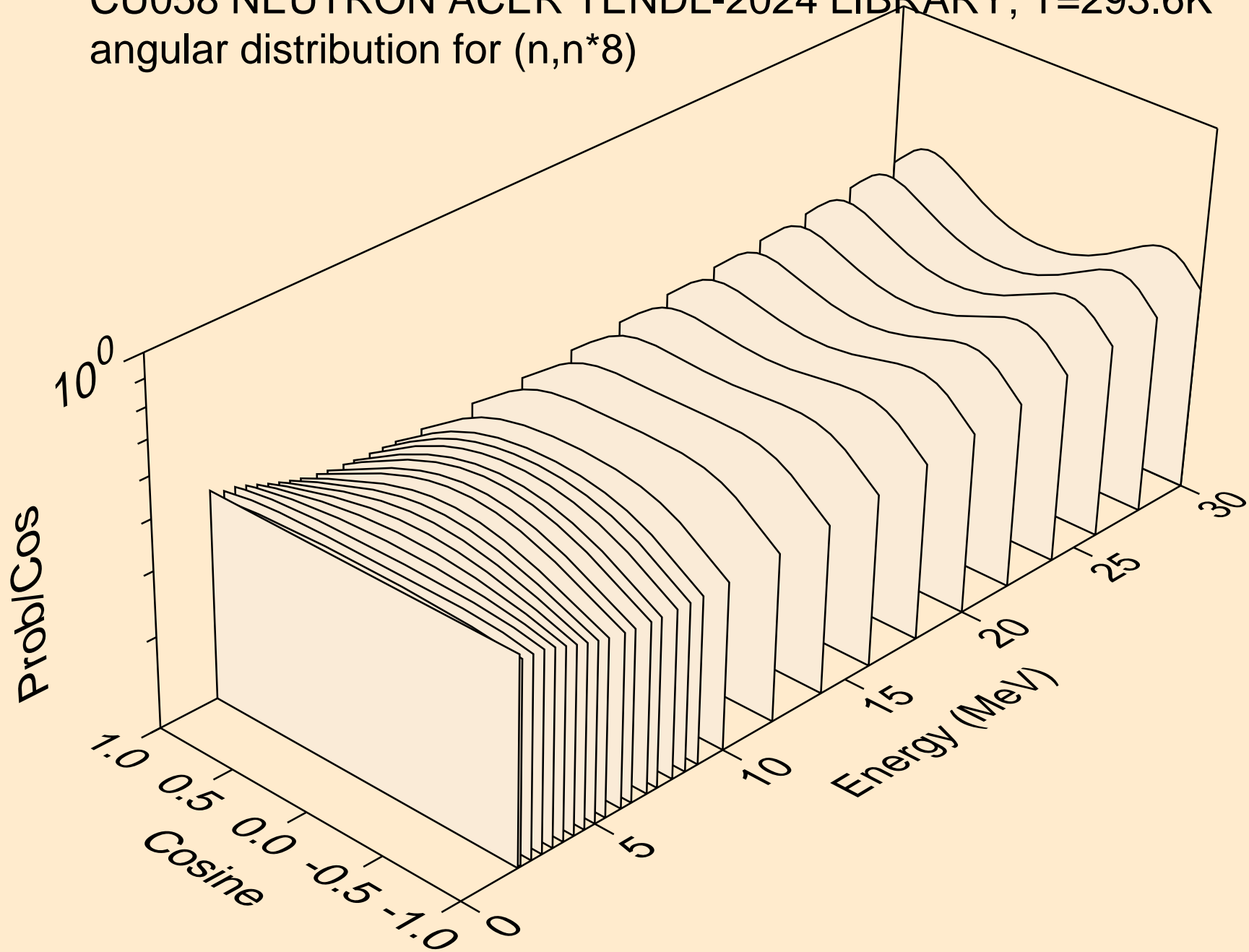
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angular distribution for (n,n*6)



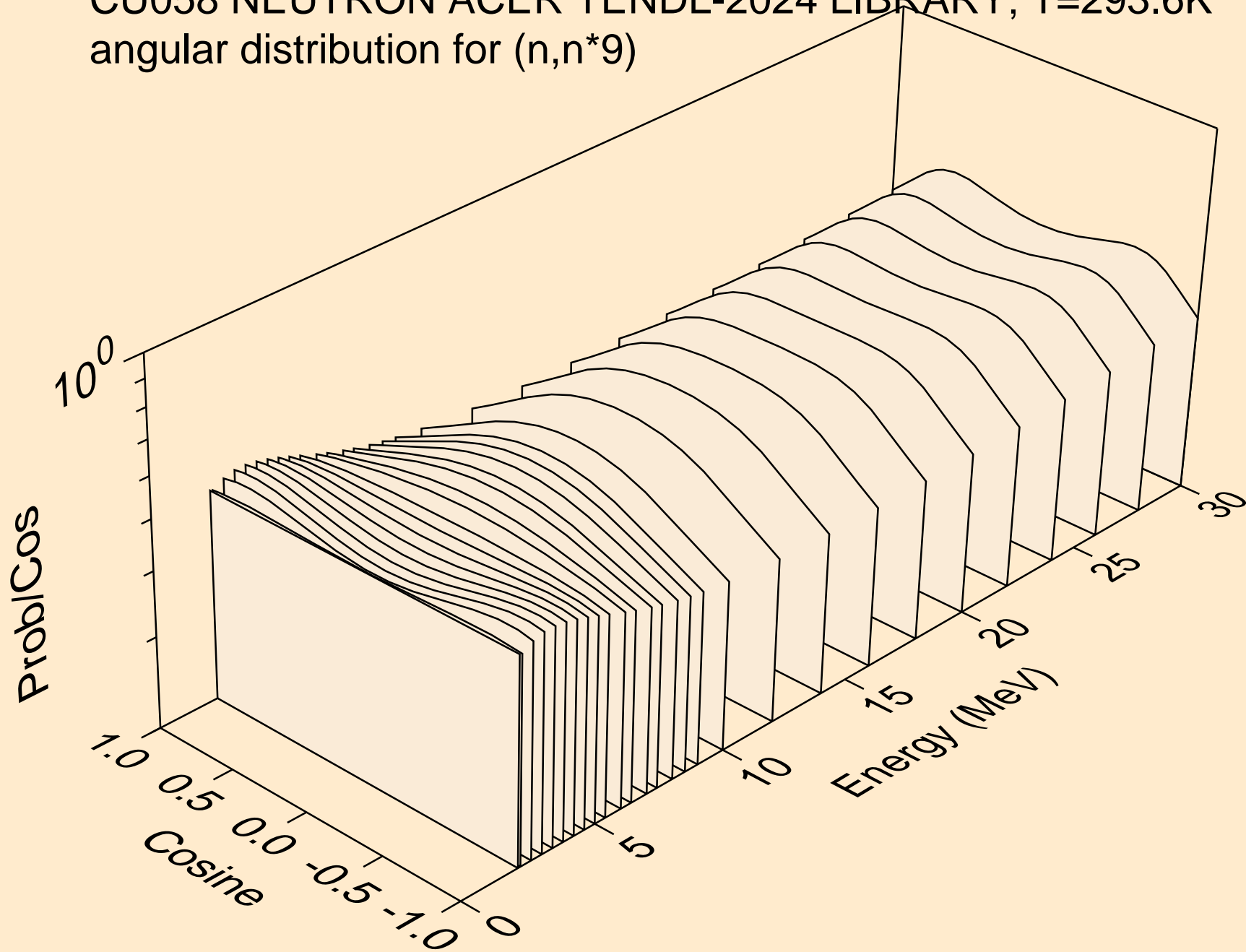
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angular distribution for (n,n*7)



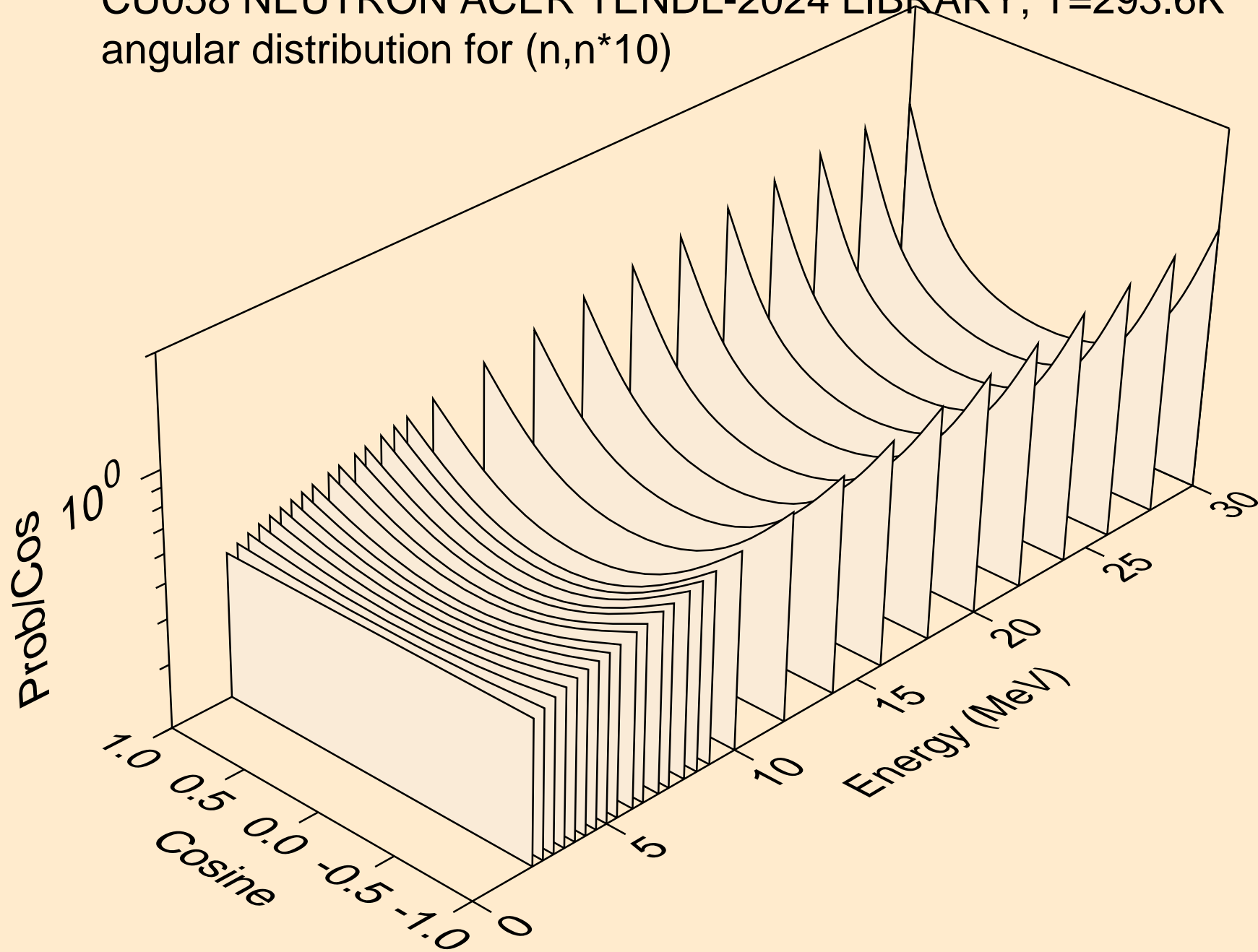
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angular distribution for (n,n*8)



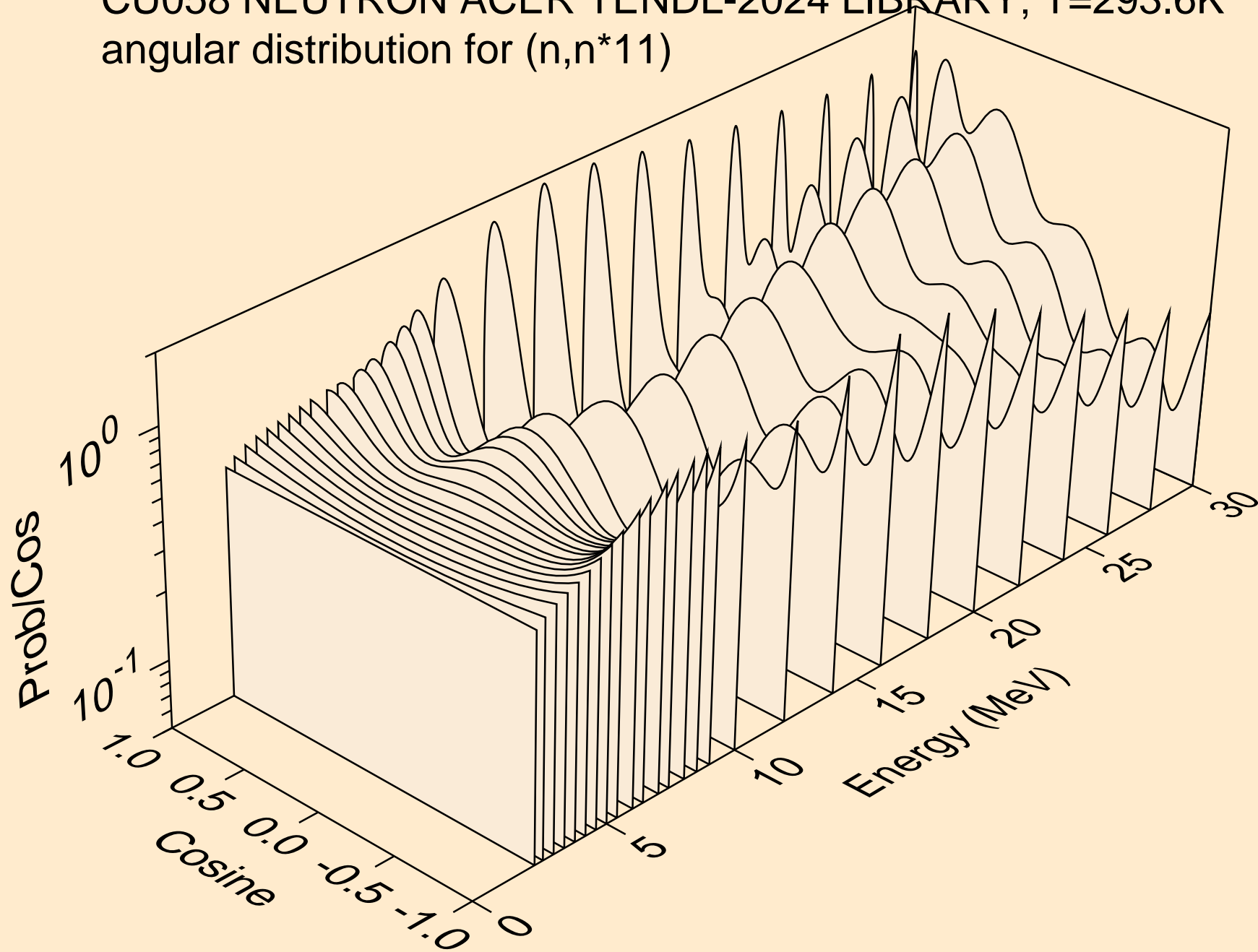
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angular distribution for (n,n*9)



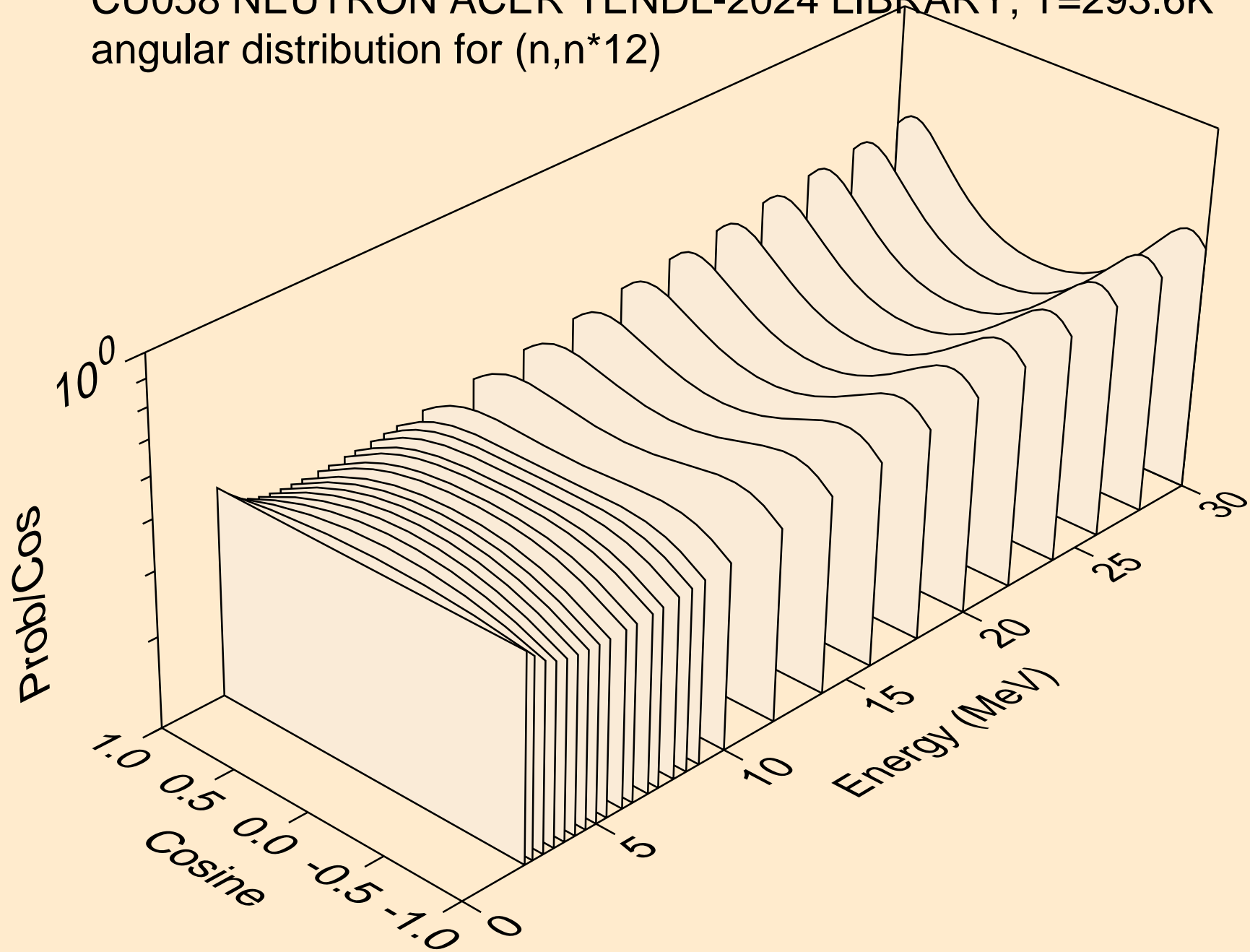
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angular distribution for (n,n*10)



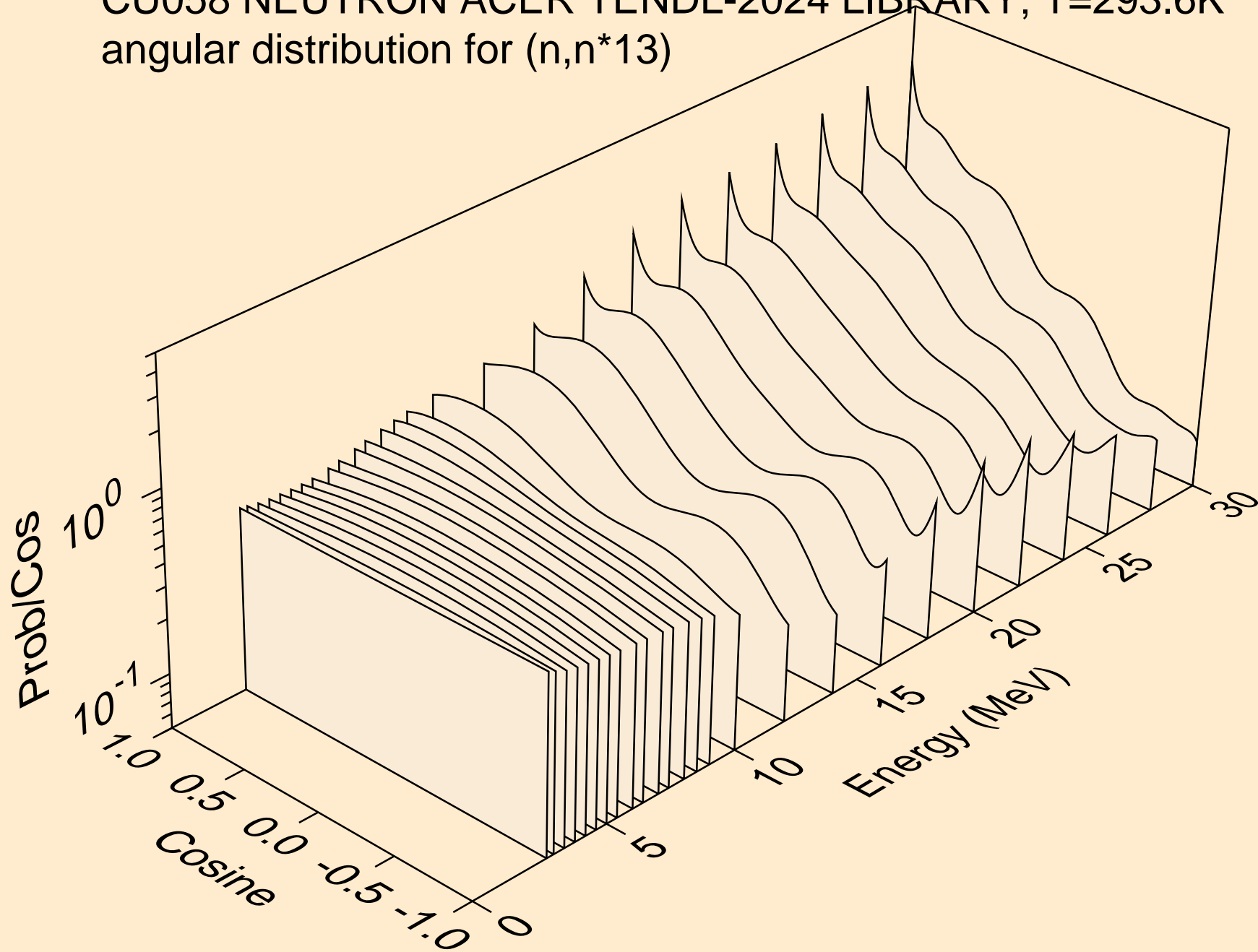
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angular distribution for (n,n*11)



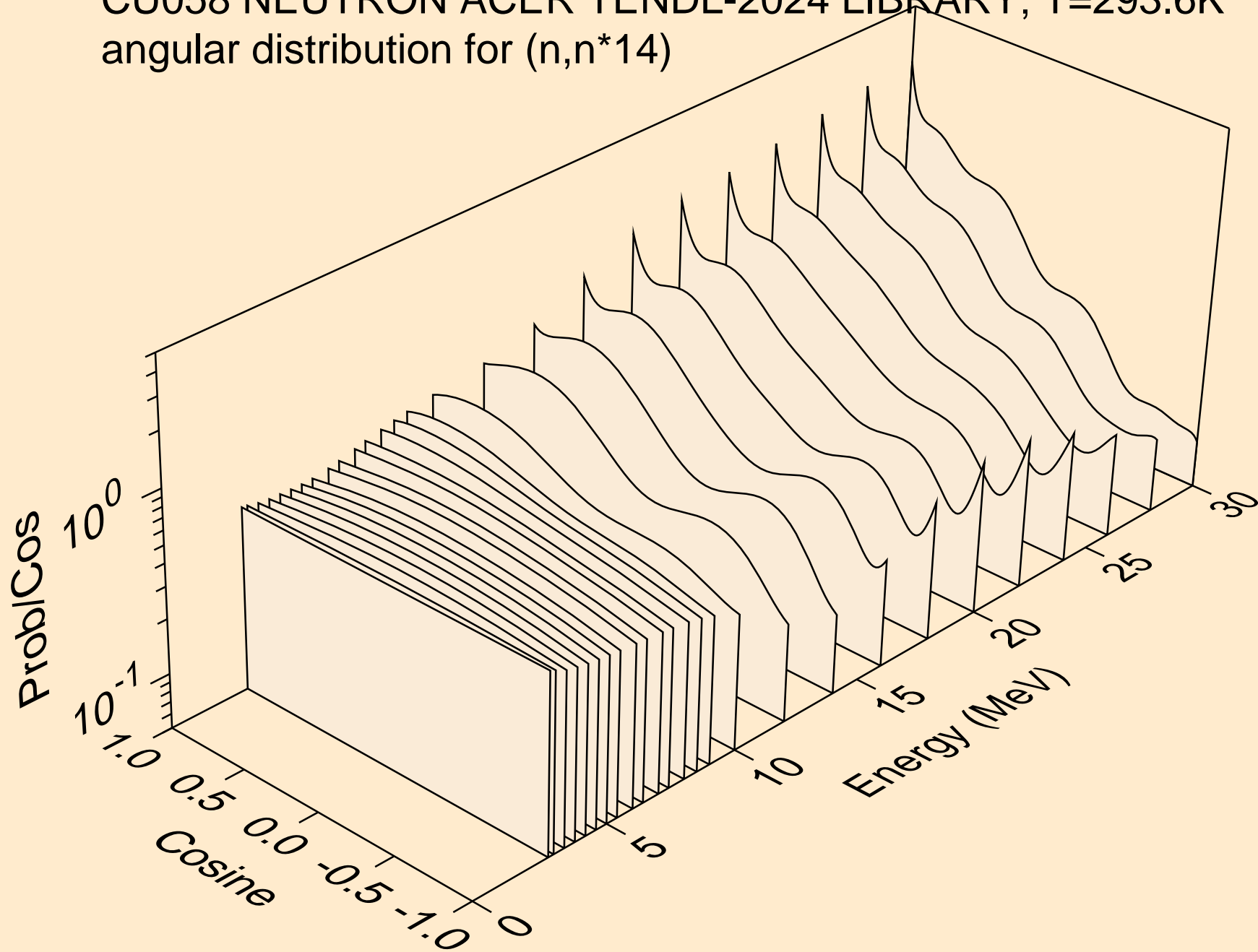
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angular distribution for (n,n*12)



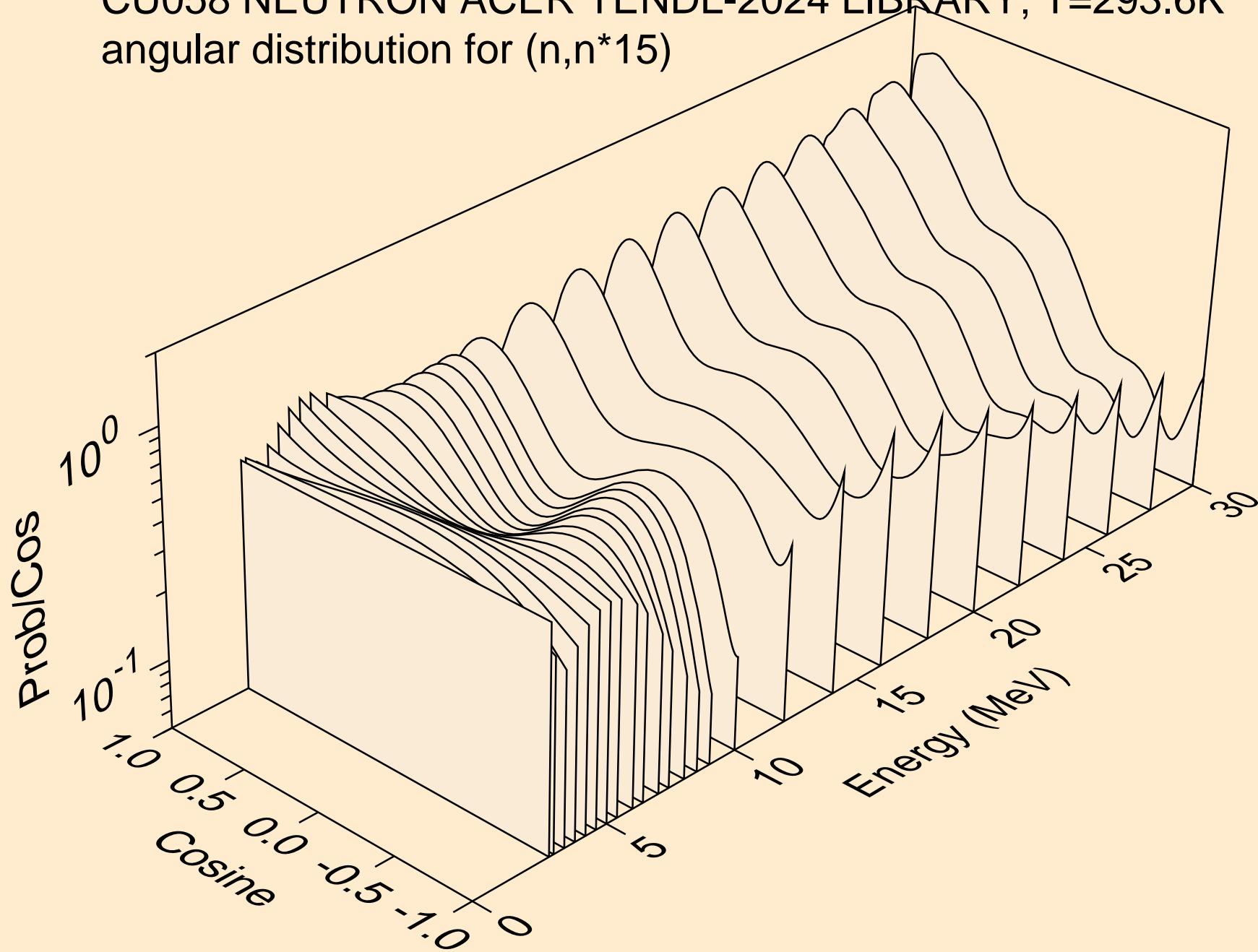
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angular distribution for (n,n*13)



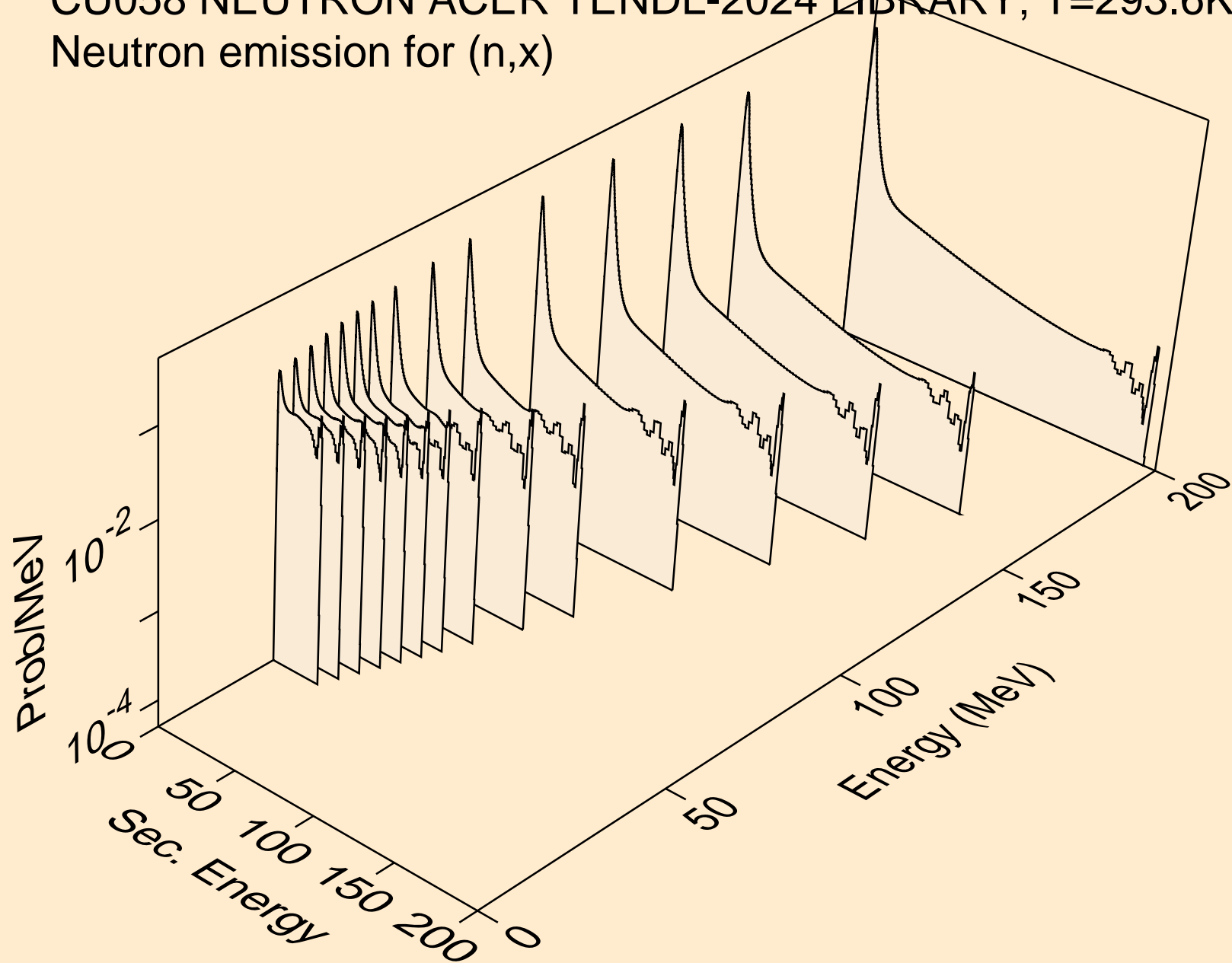
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angular distribution for (n,n*14)



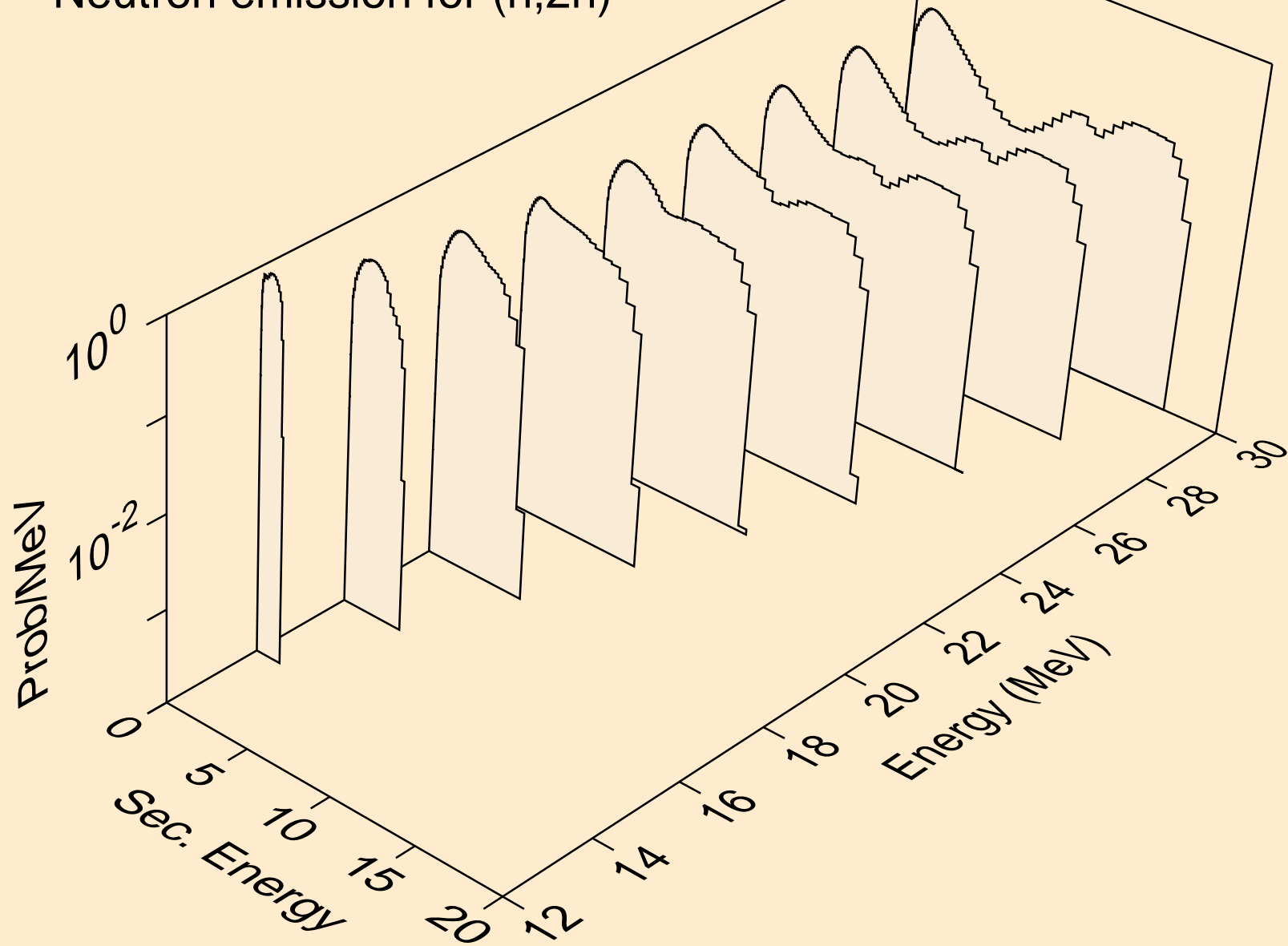
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angular distribution for (n,n*15)



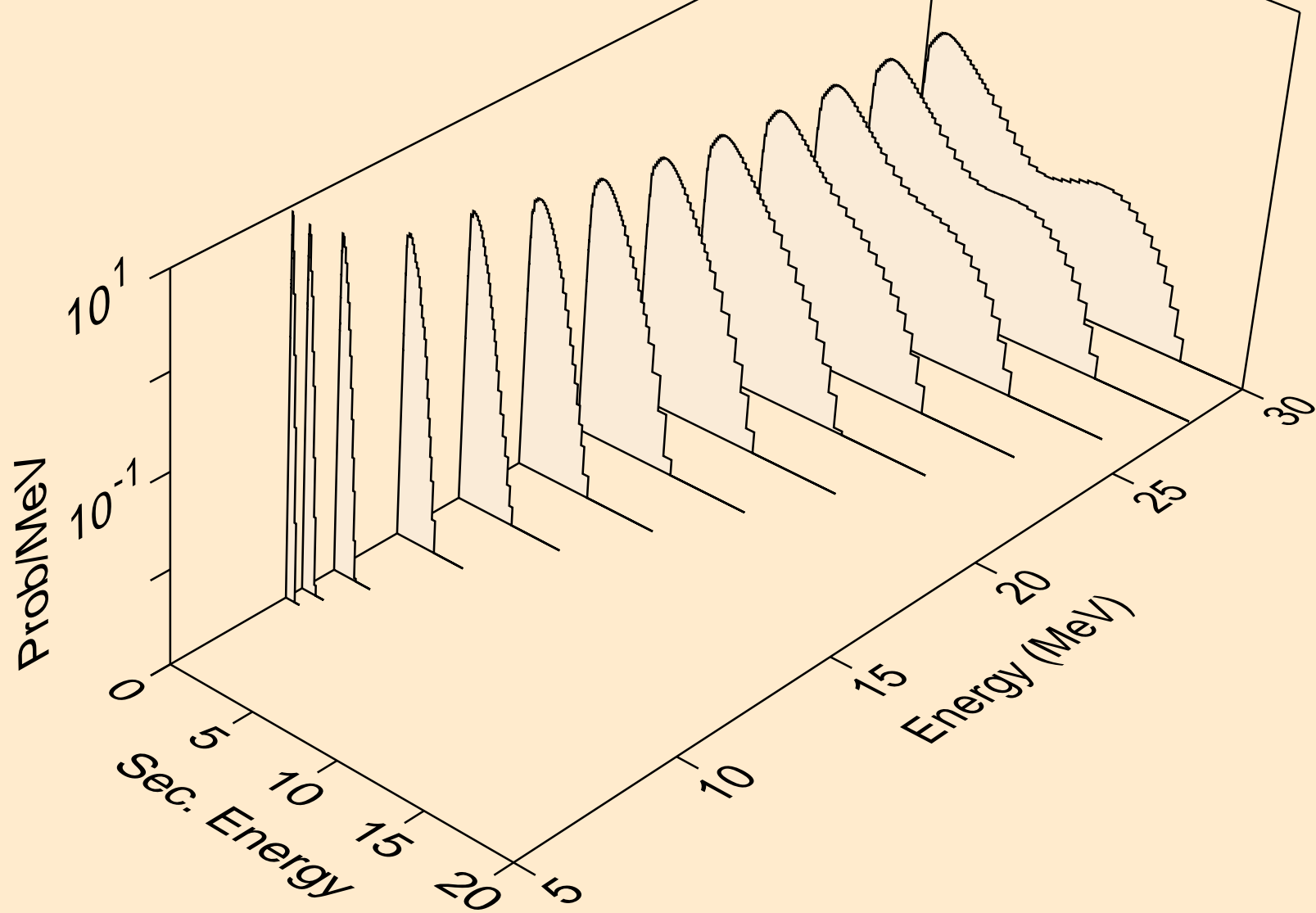
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



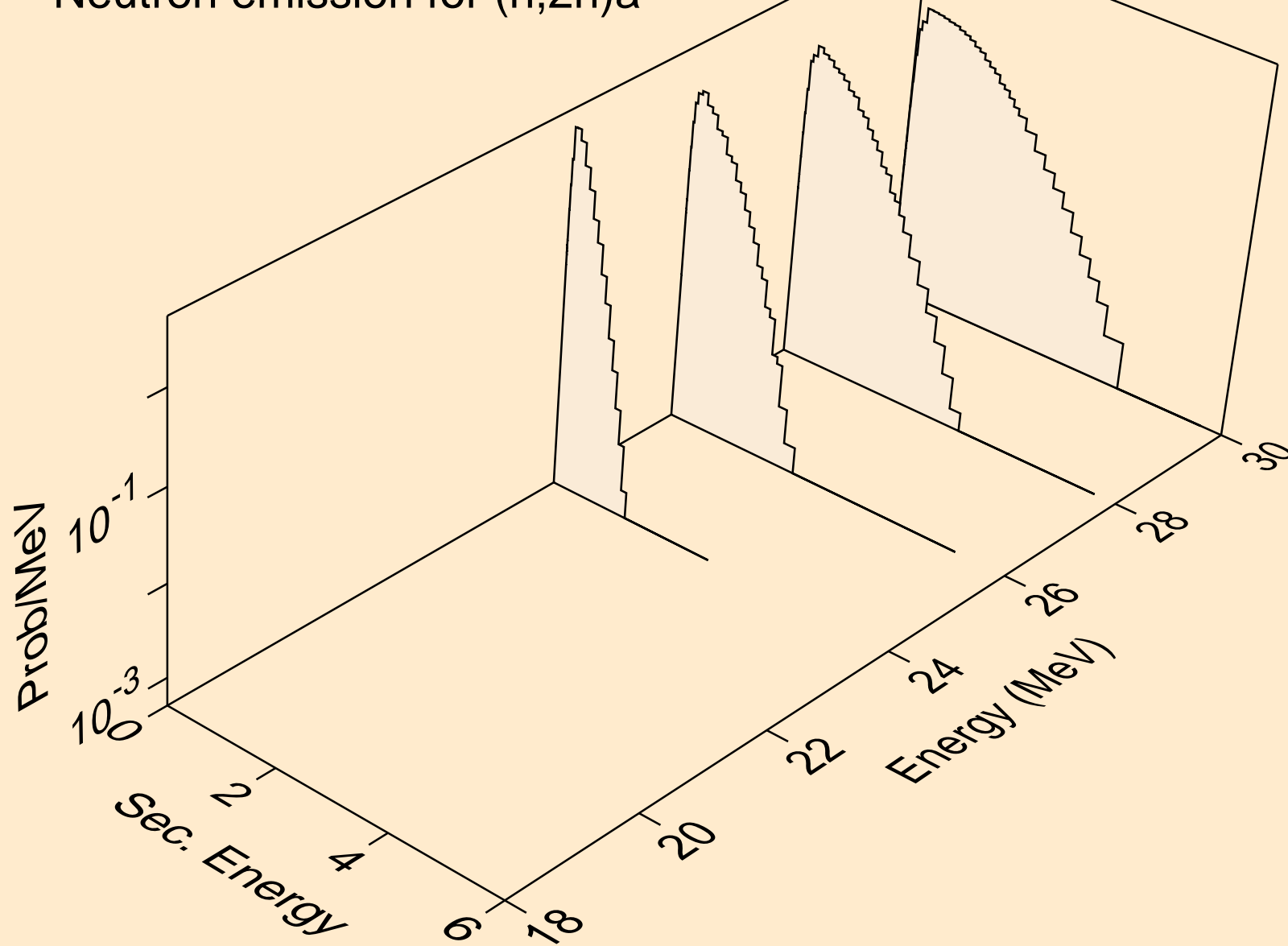
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



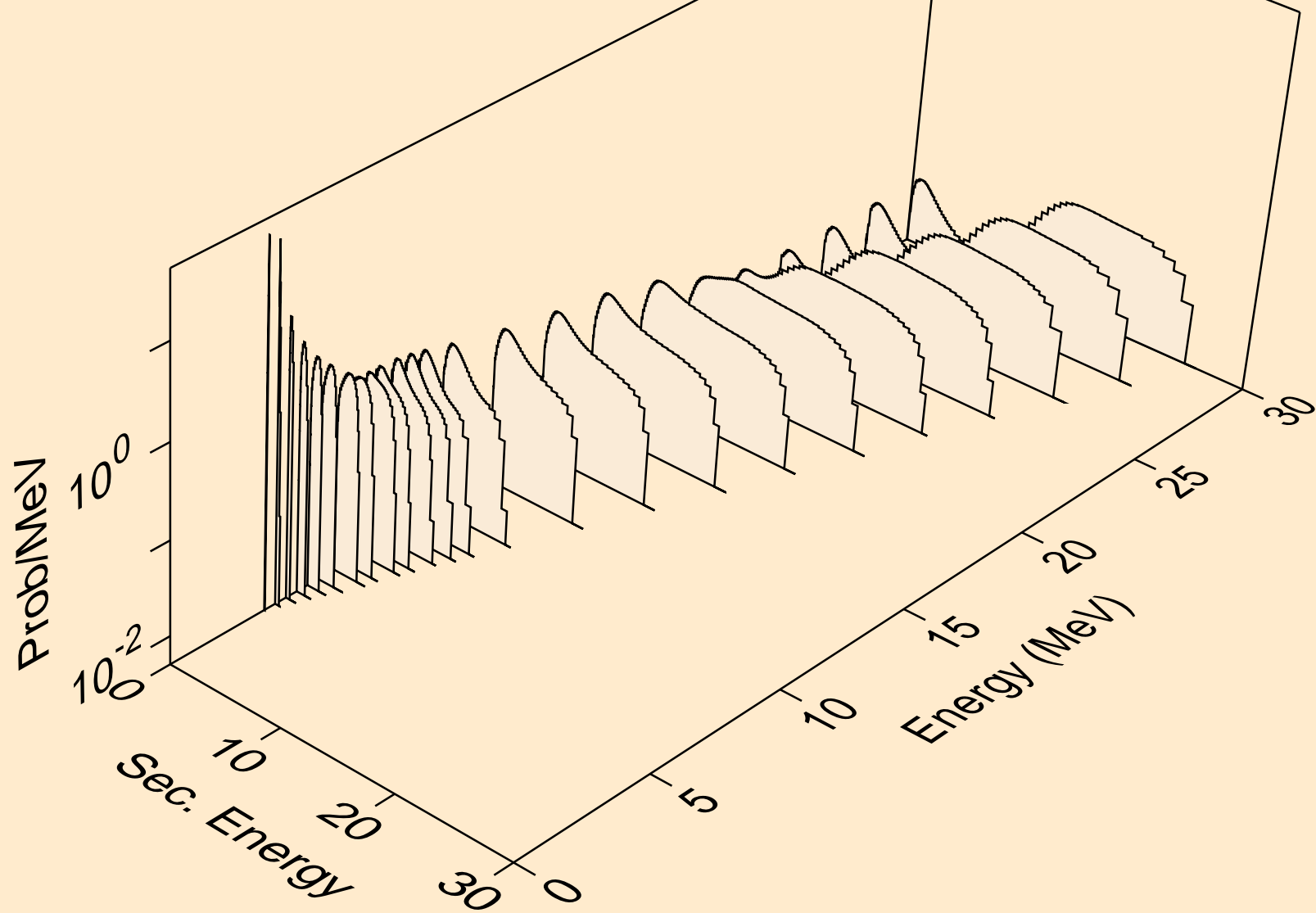
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



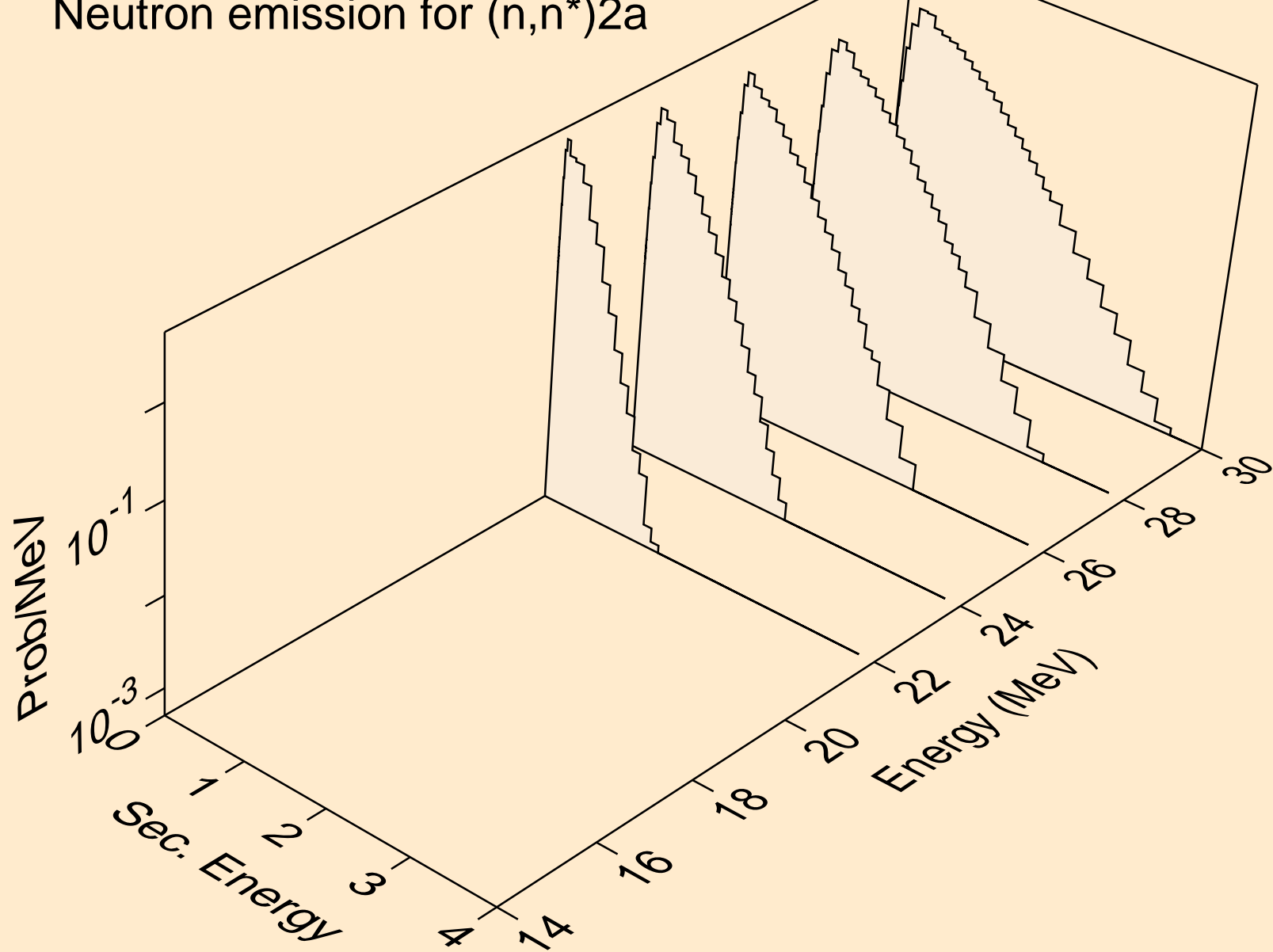
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Neutron emission for (n,2n)a



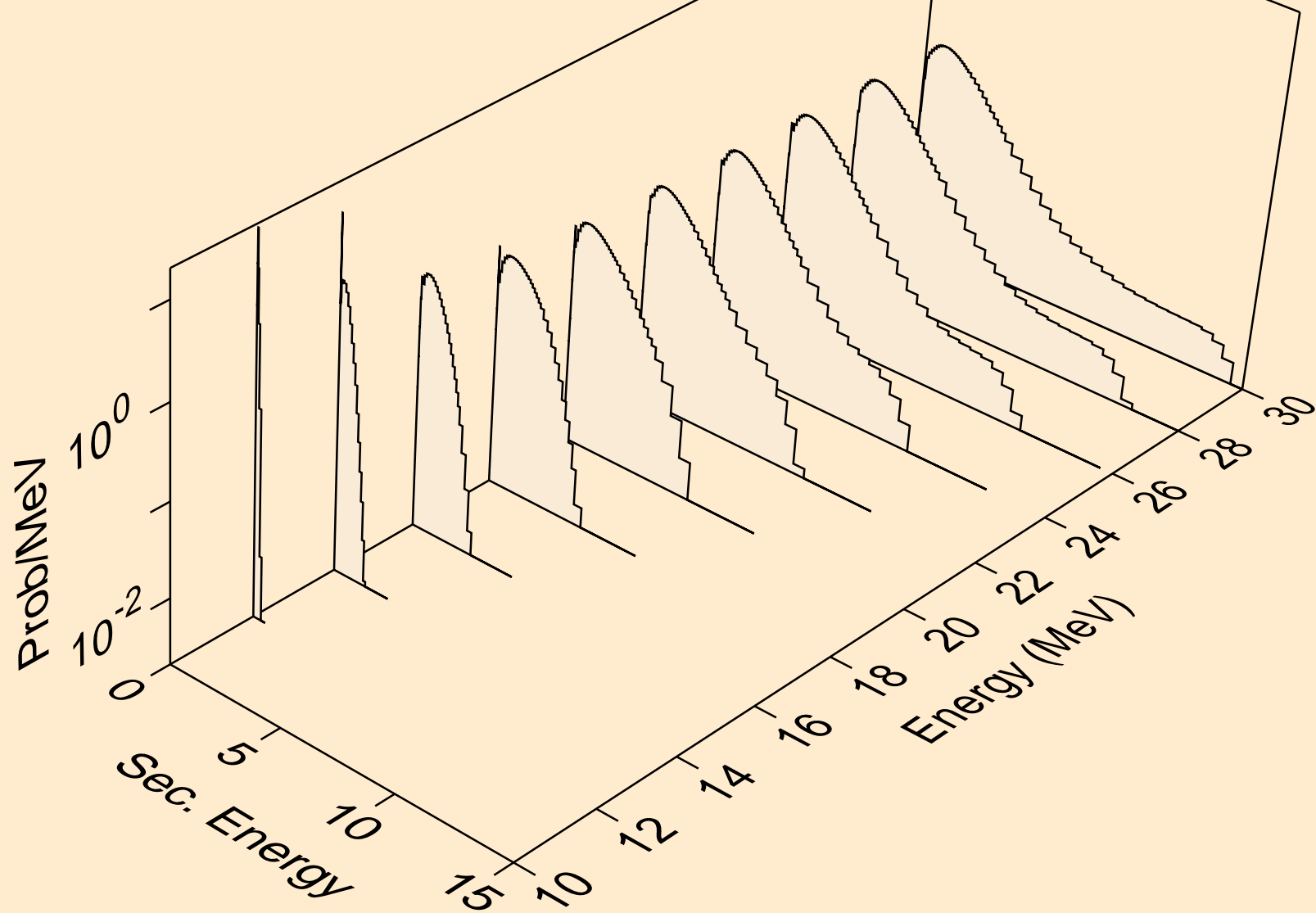
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



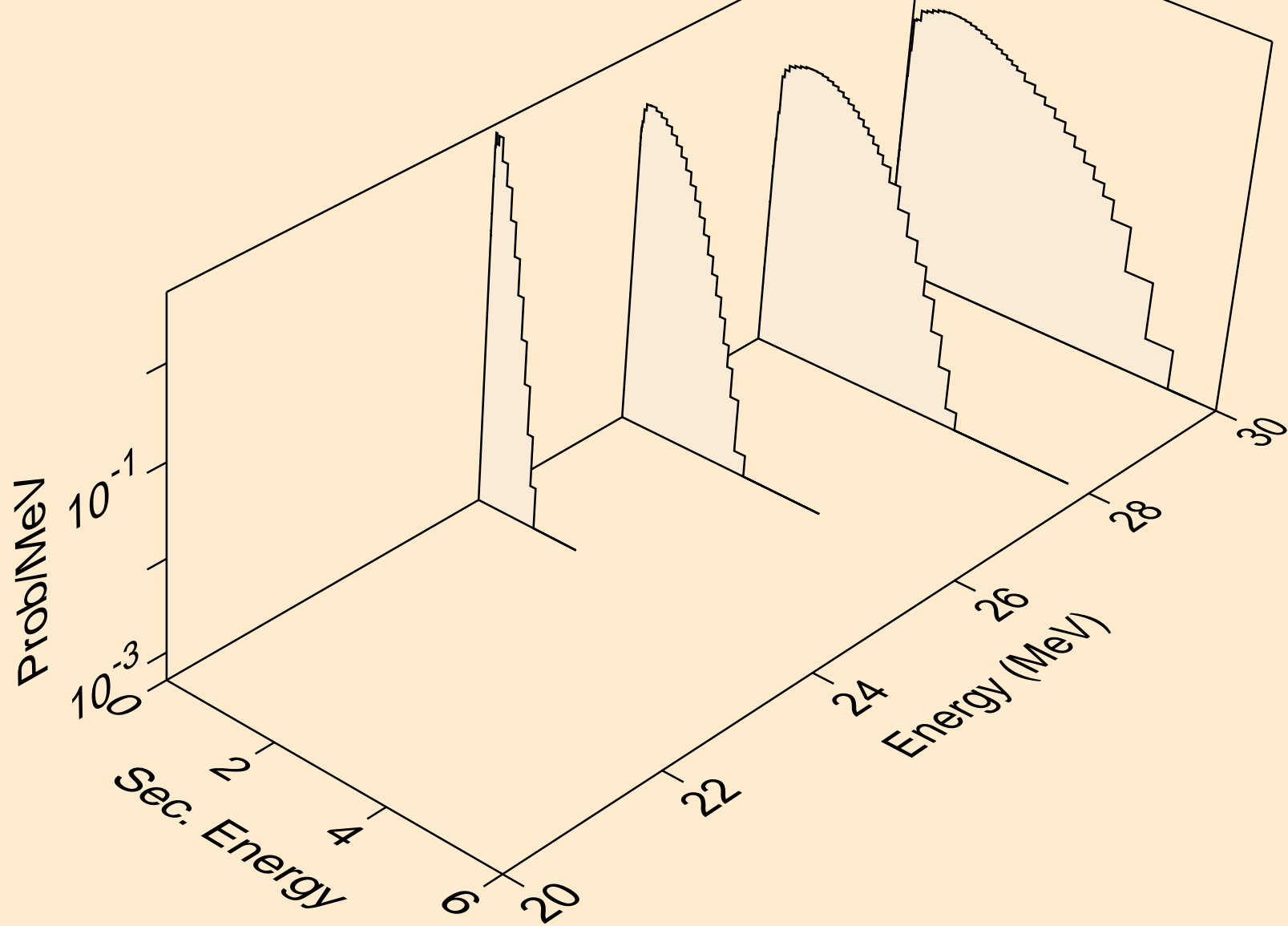
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Neutron emission for (n,n*)2a



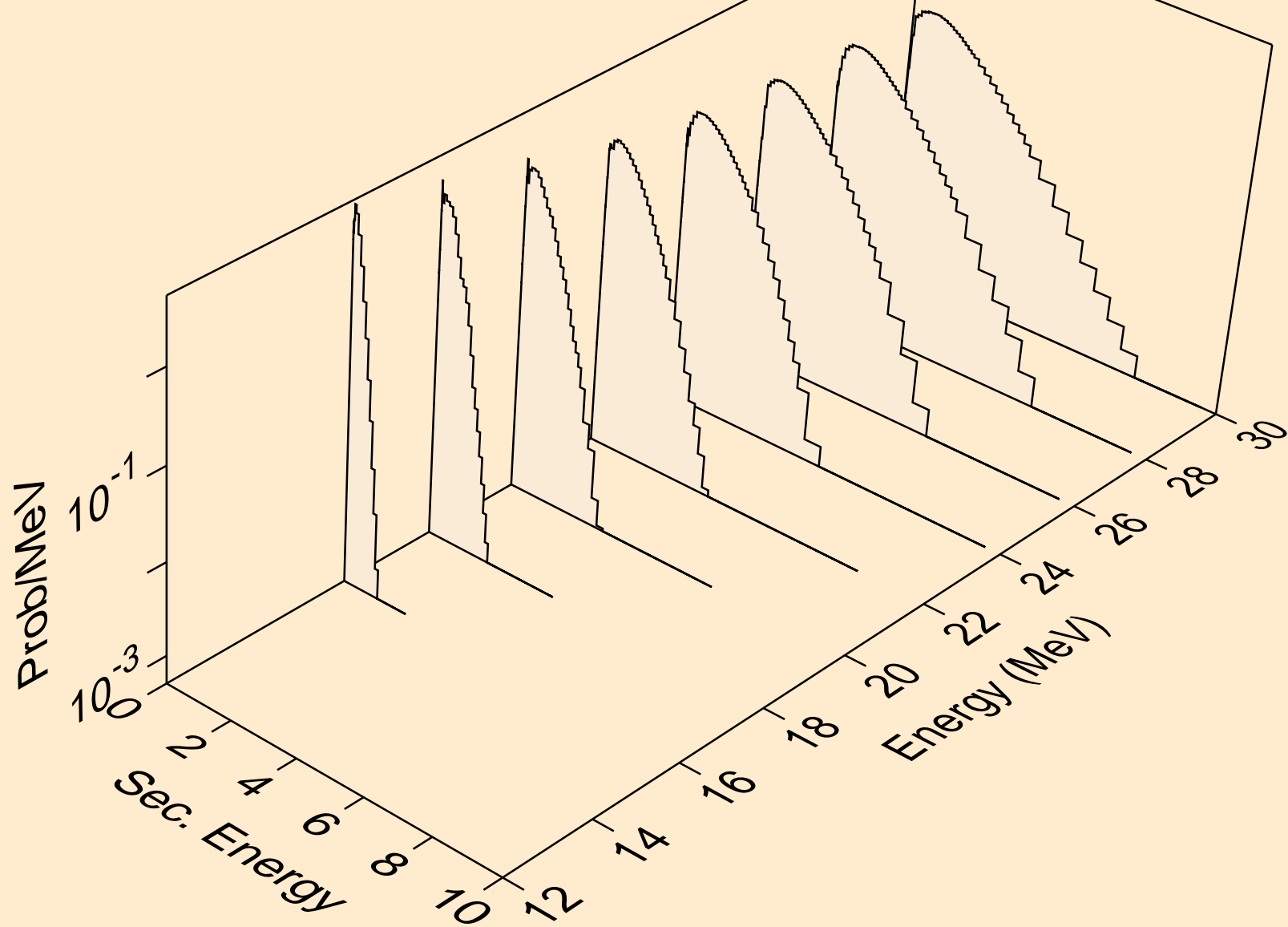
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



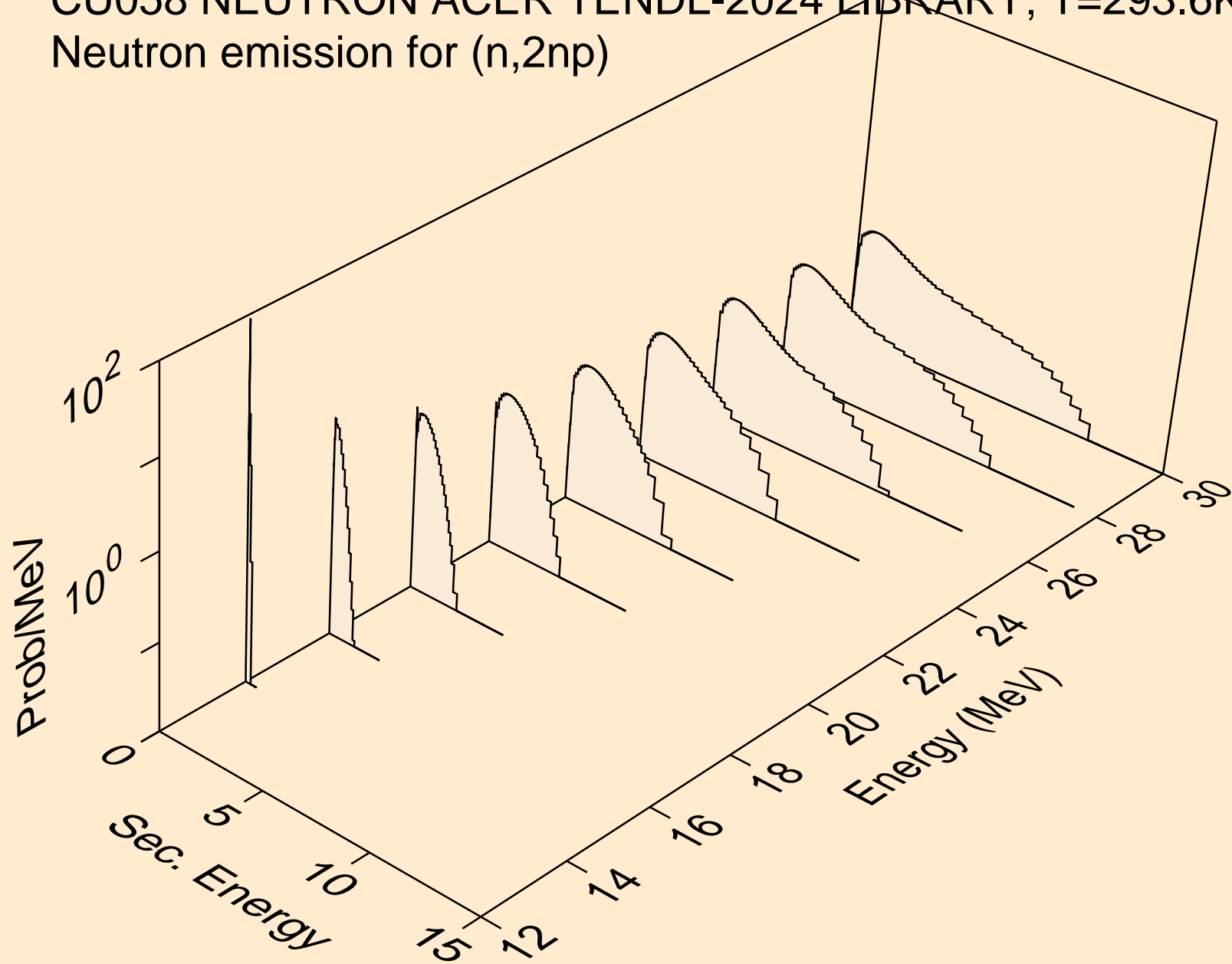
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



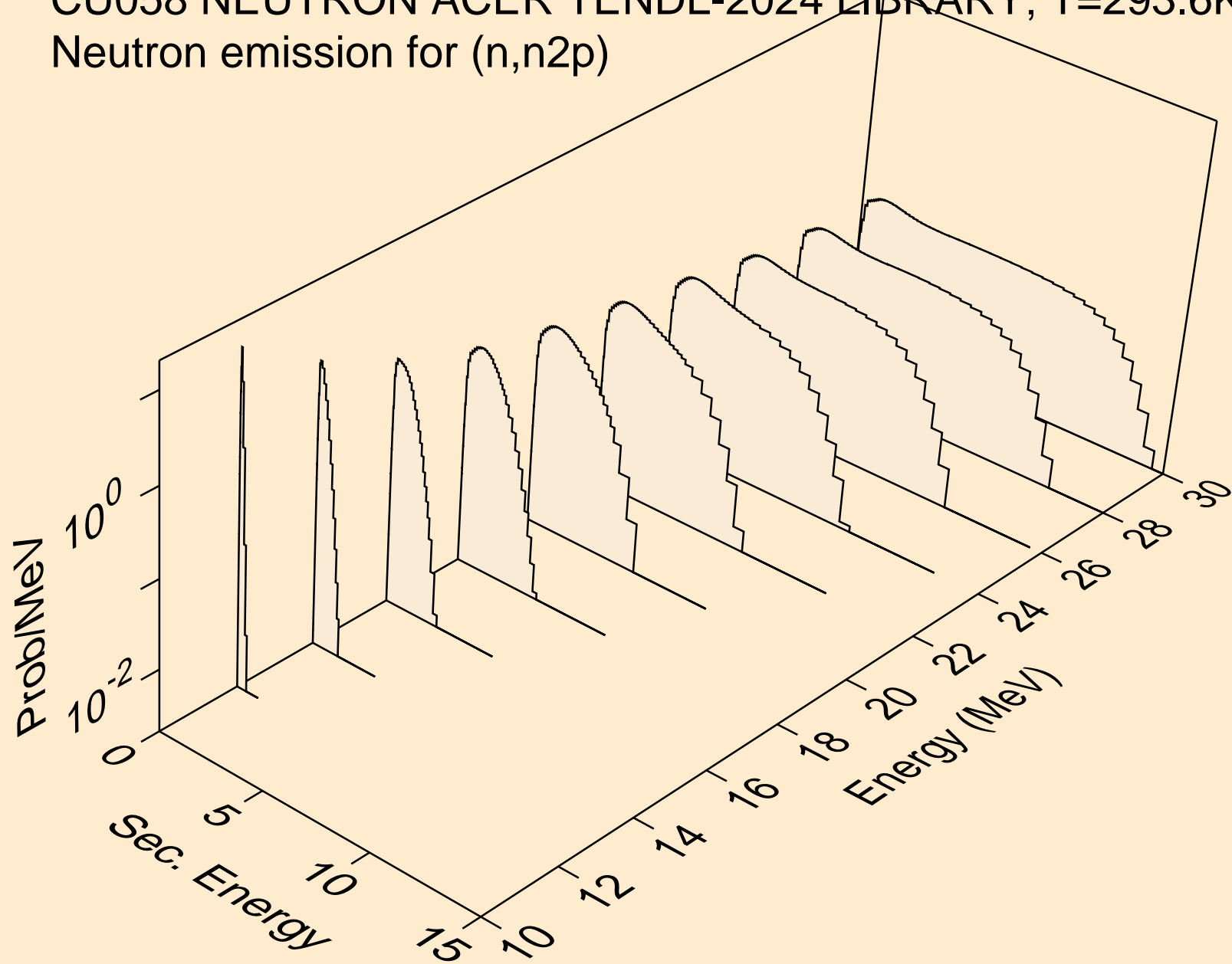
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



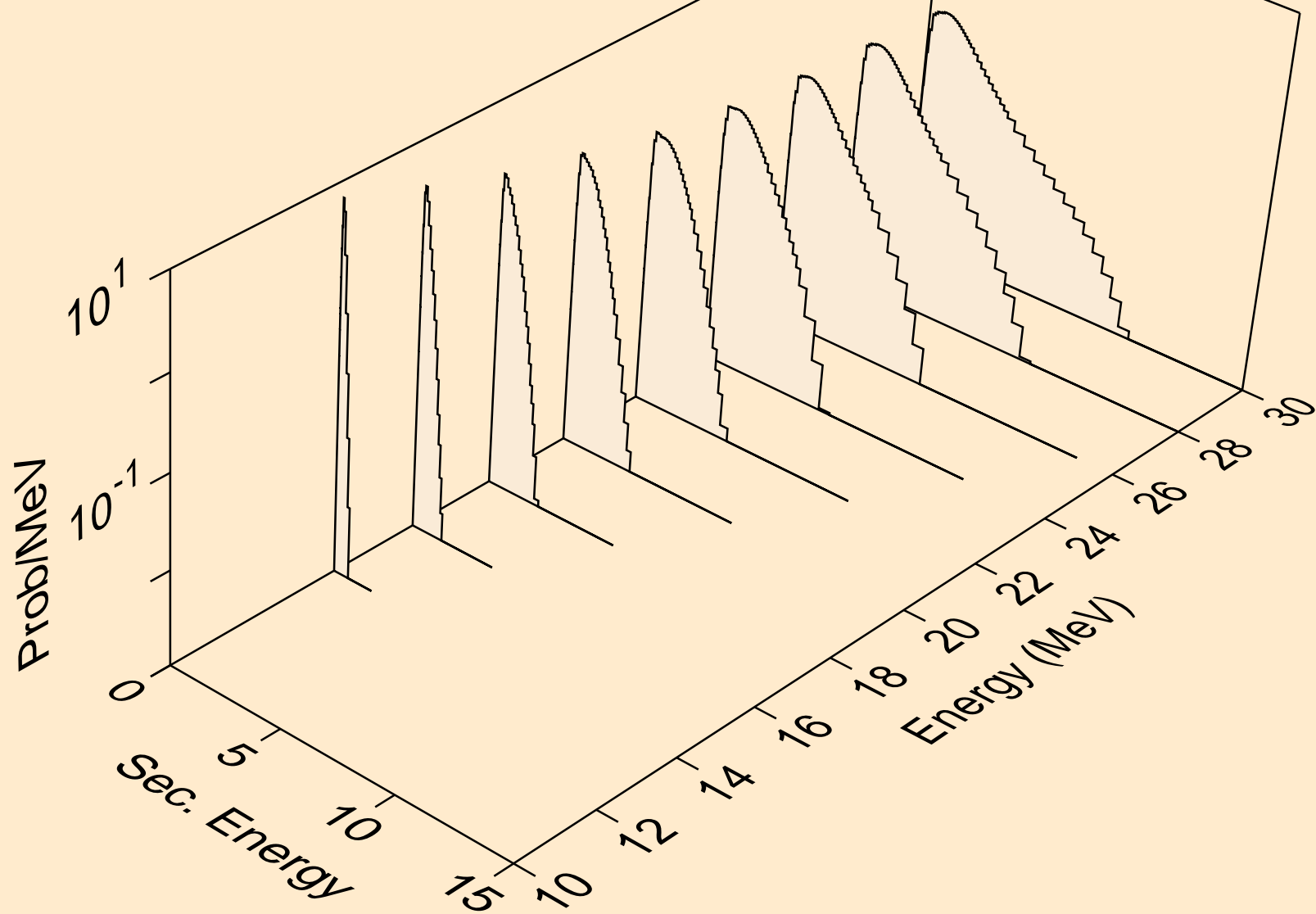
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Neutron emission for (n,2np)



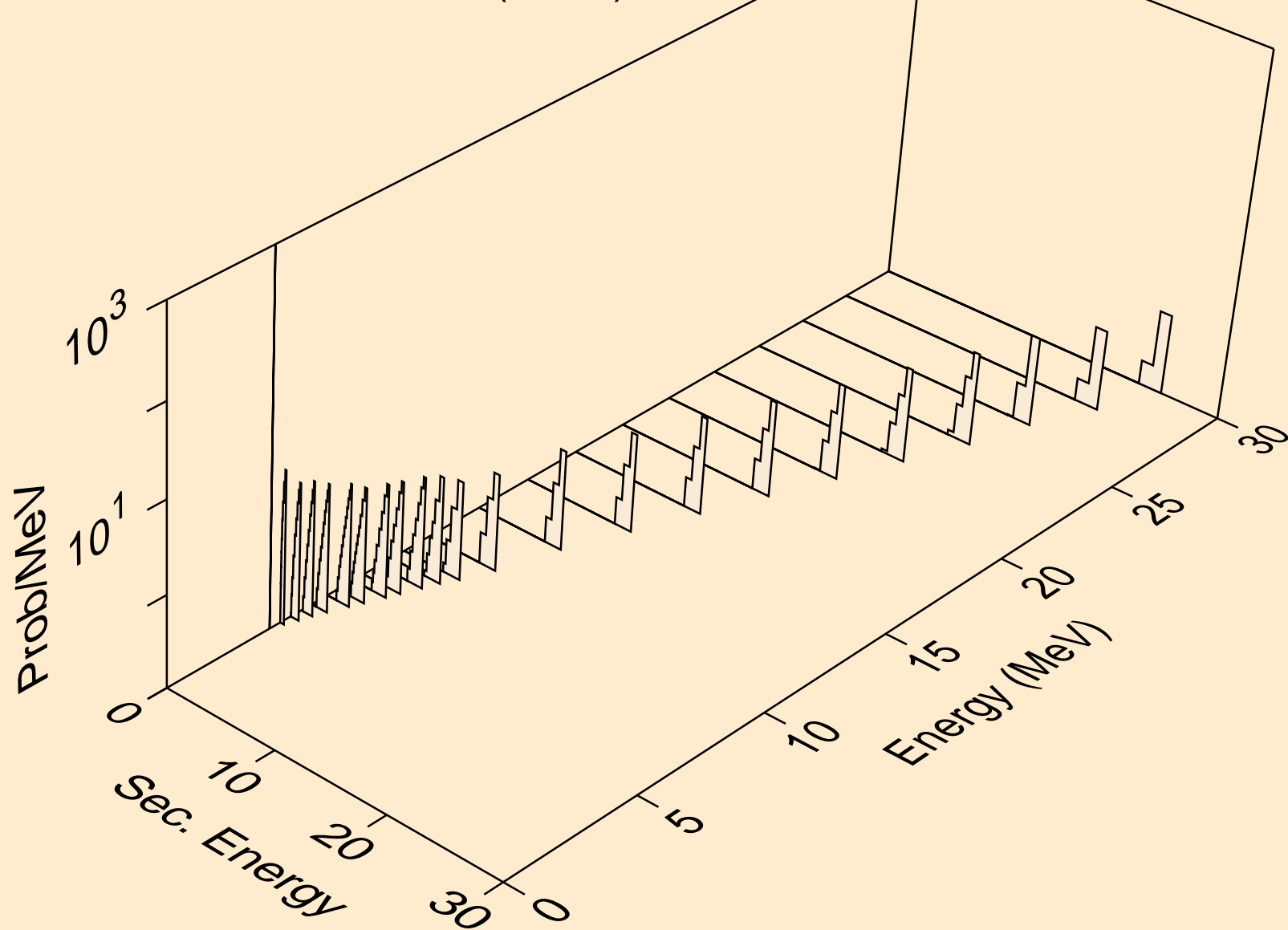
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Neutron emission for (n,n2p)



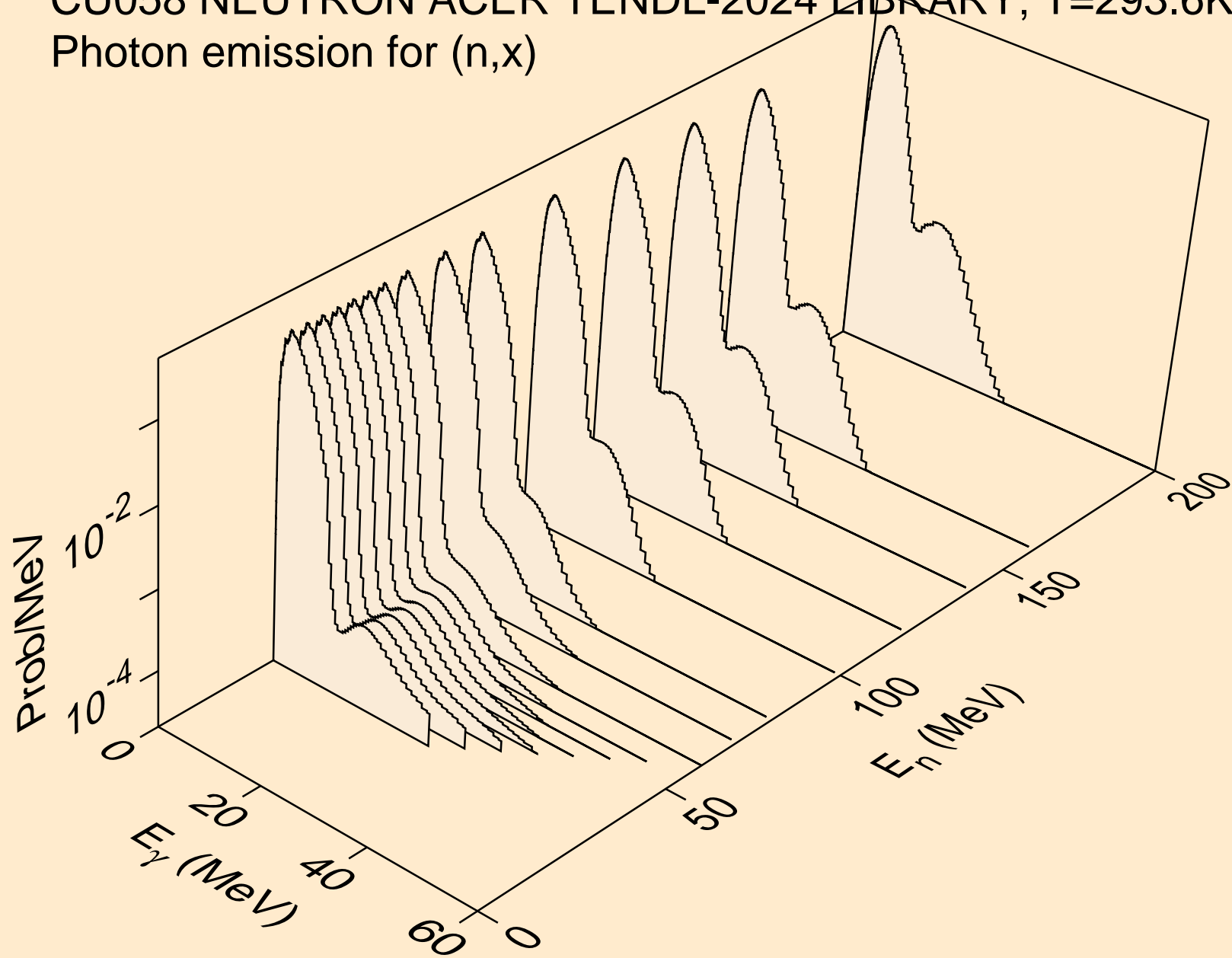
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Neutron emission for (n,npa)



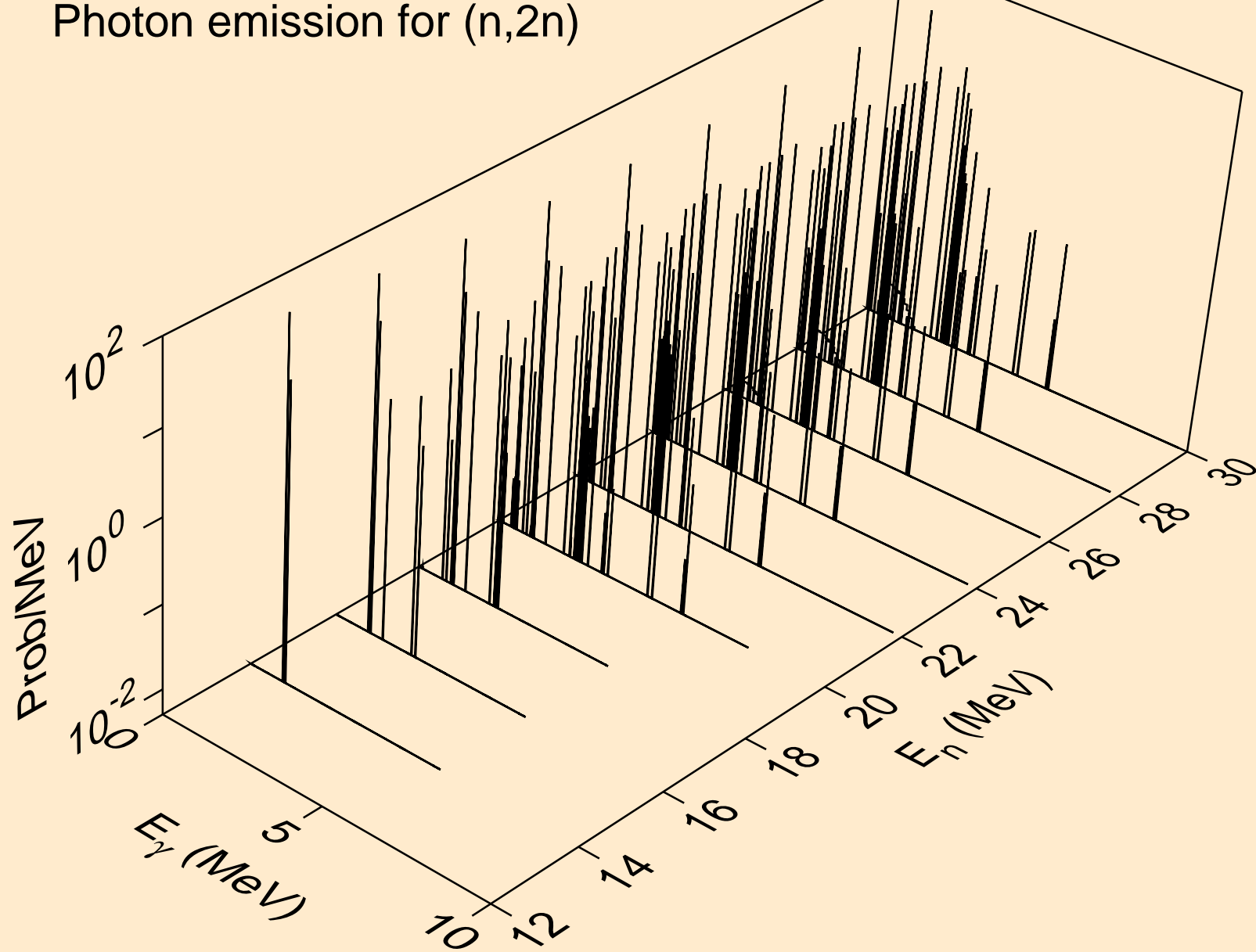
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



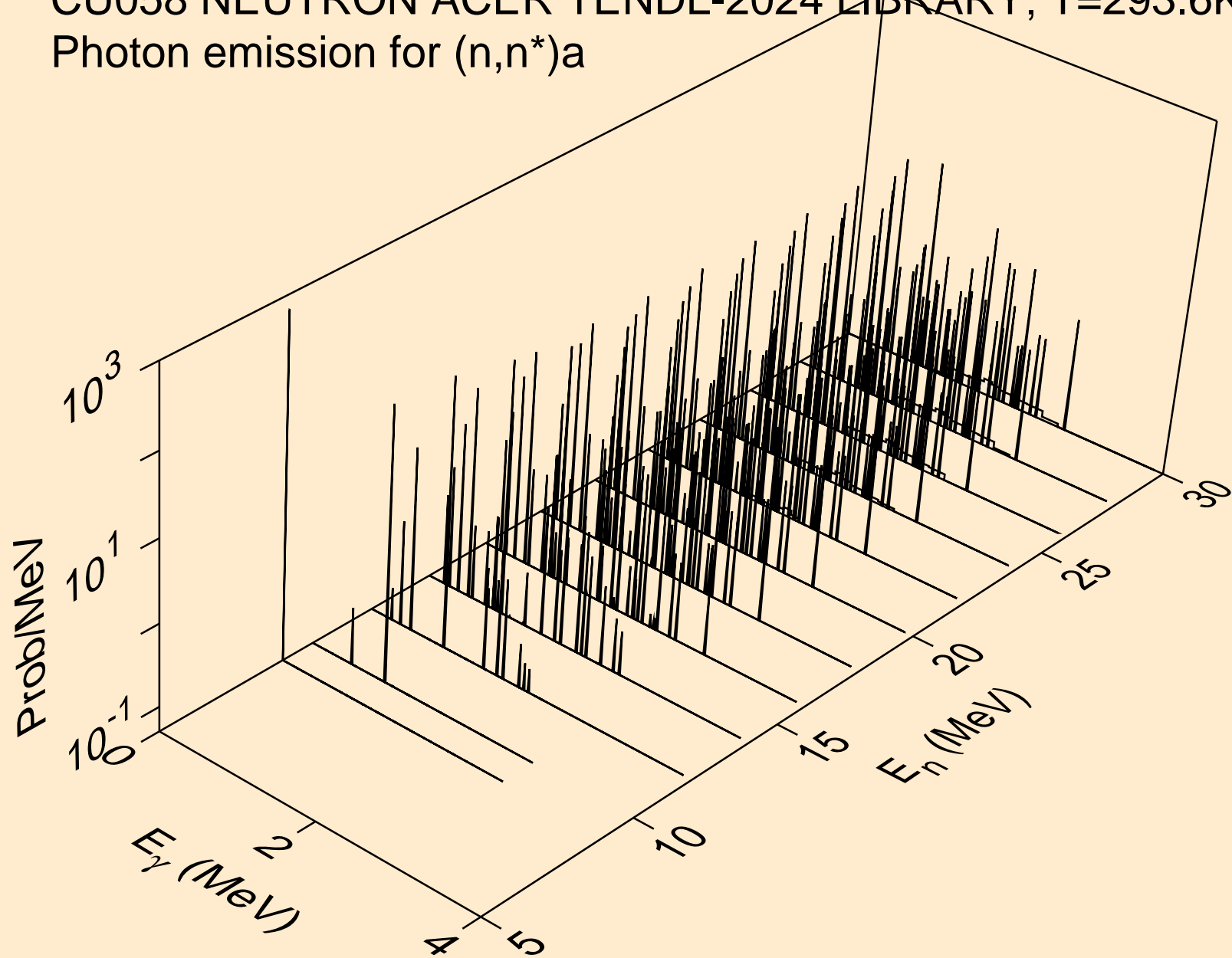
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



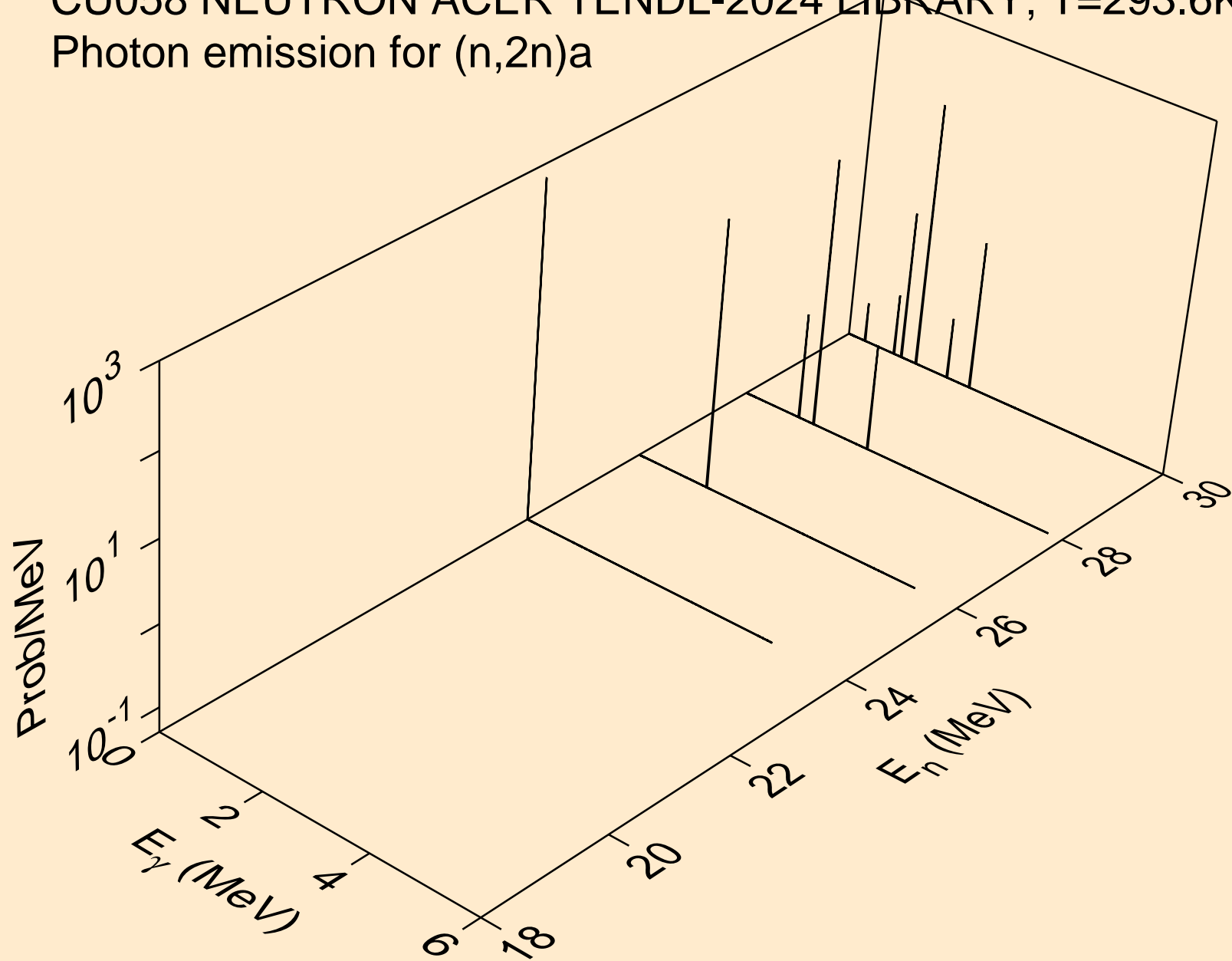
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Photon emission for (n,2n)



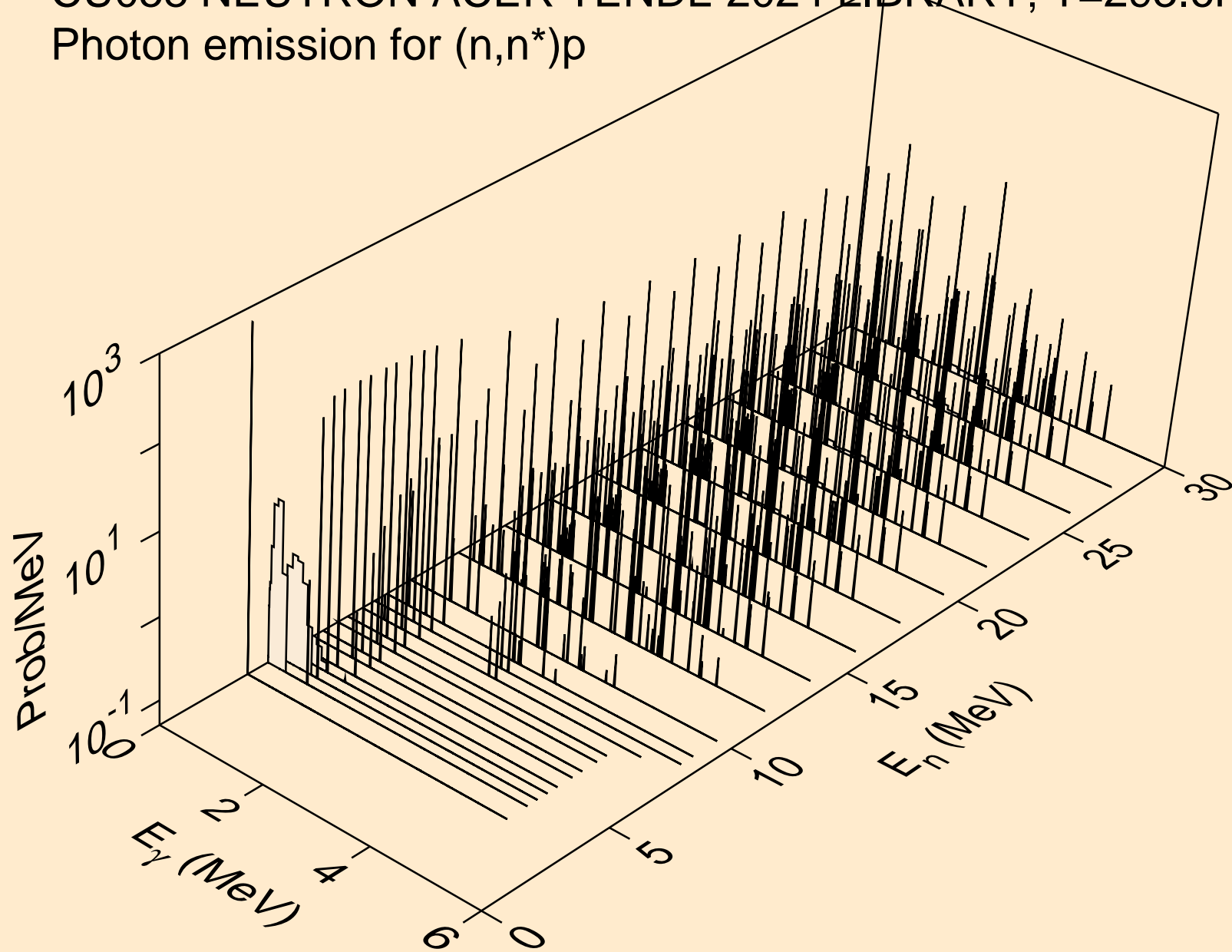
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Photon emission for (n,n*)a



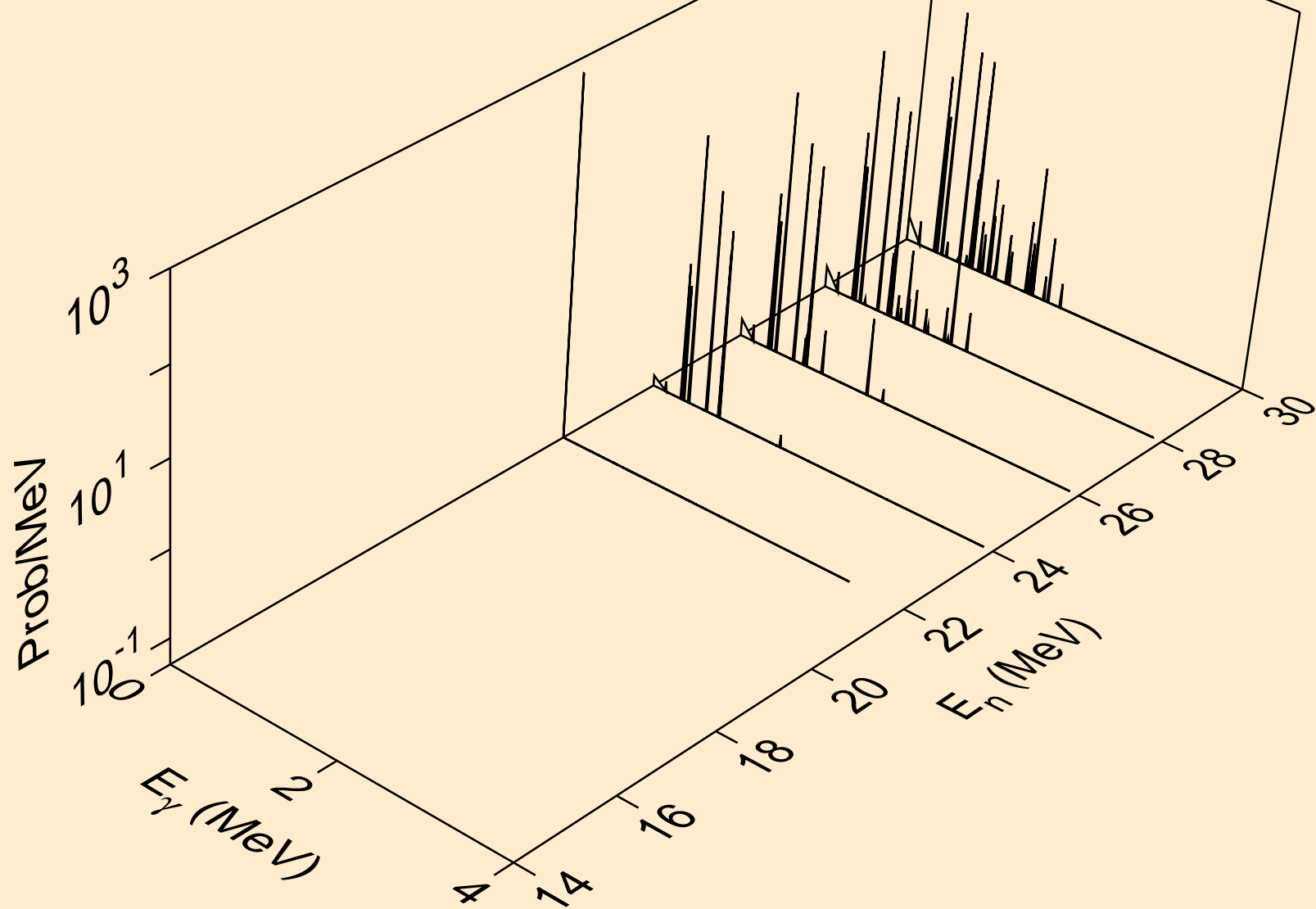
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Photon emission for (n,2n)a



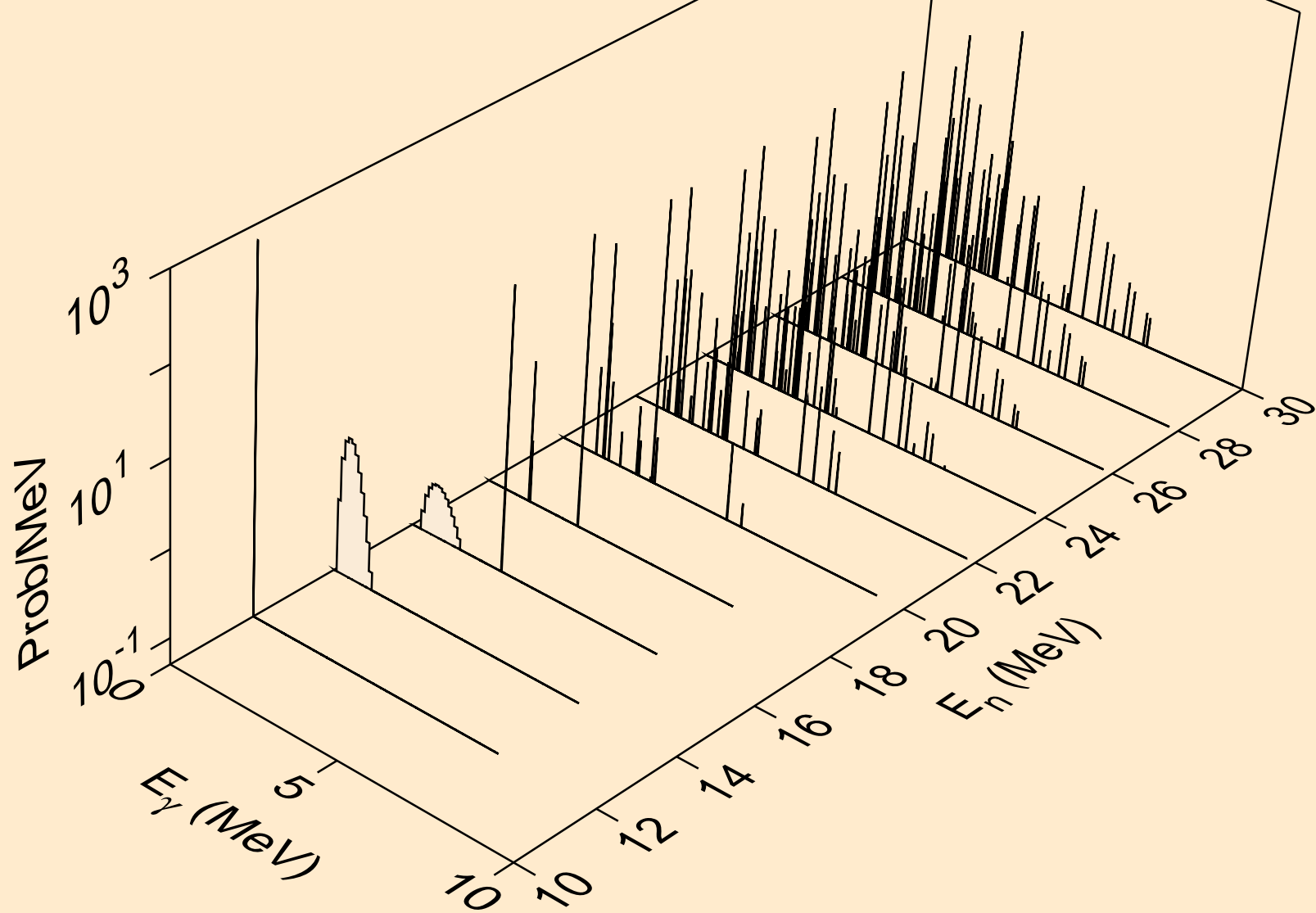
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



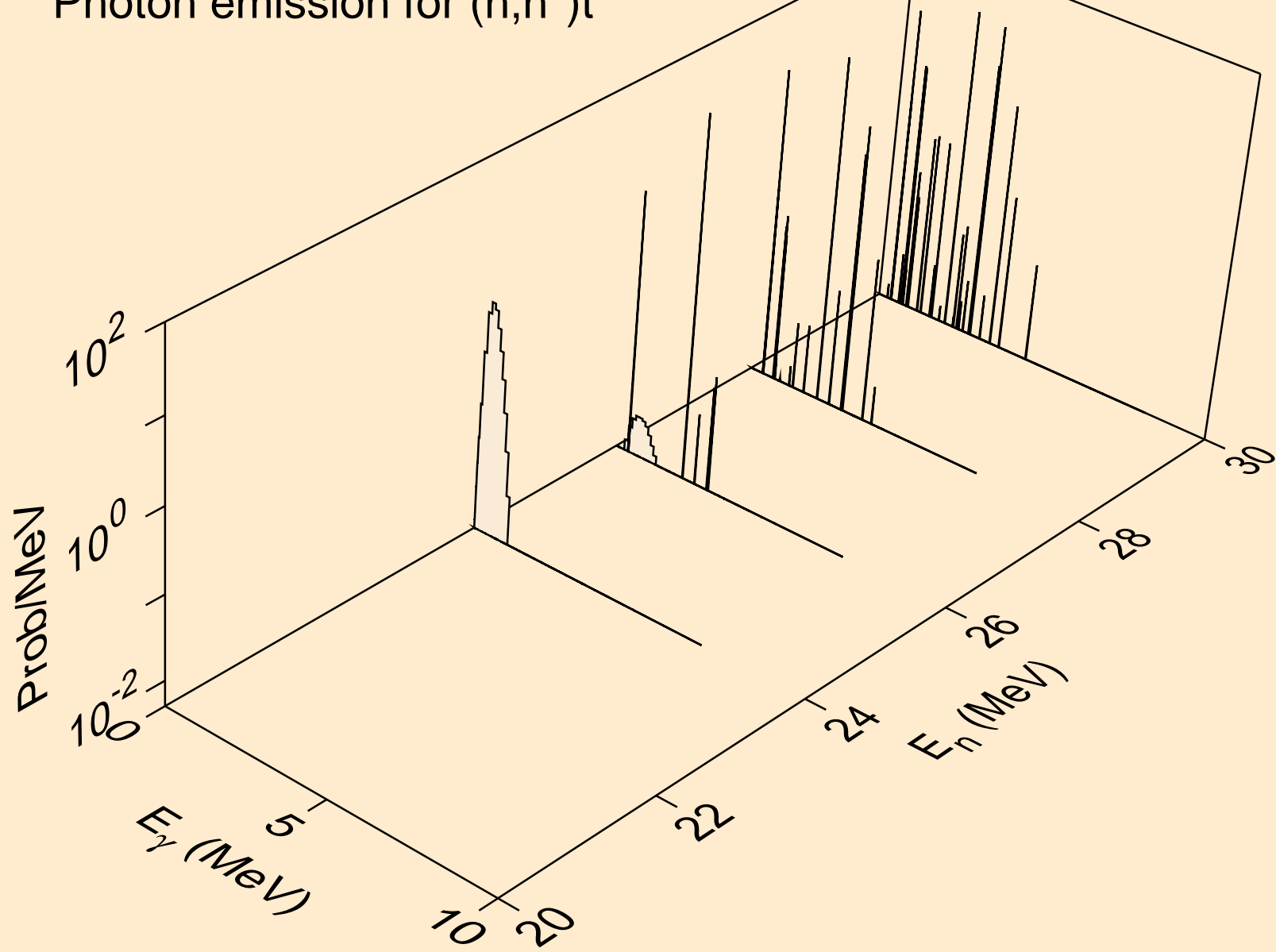
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Photon emission for (n,n*)2a



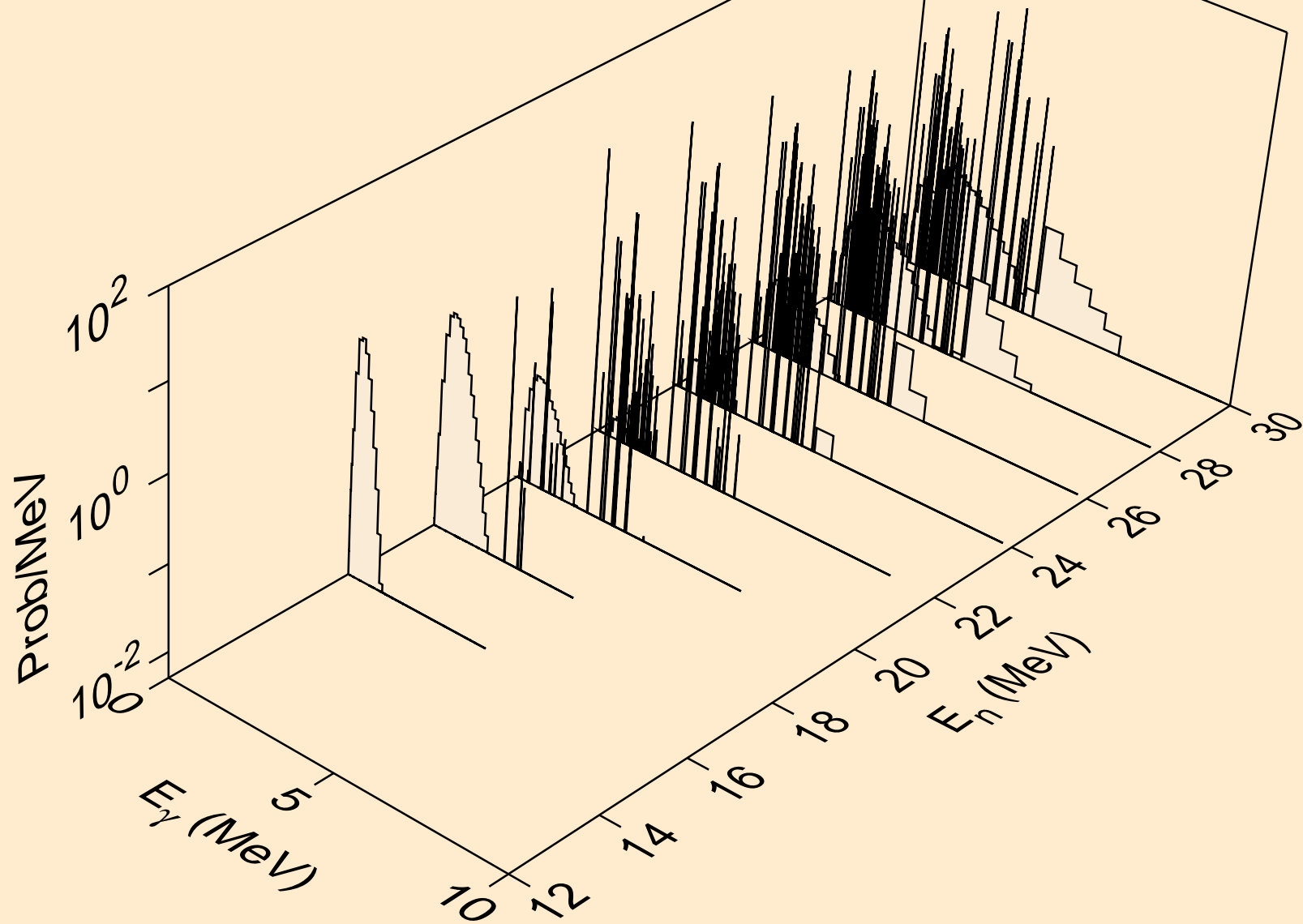
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Photon emission for (n,n*)d



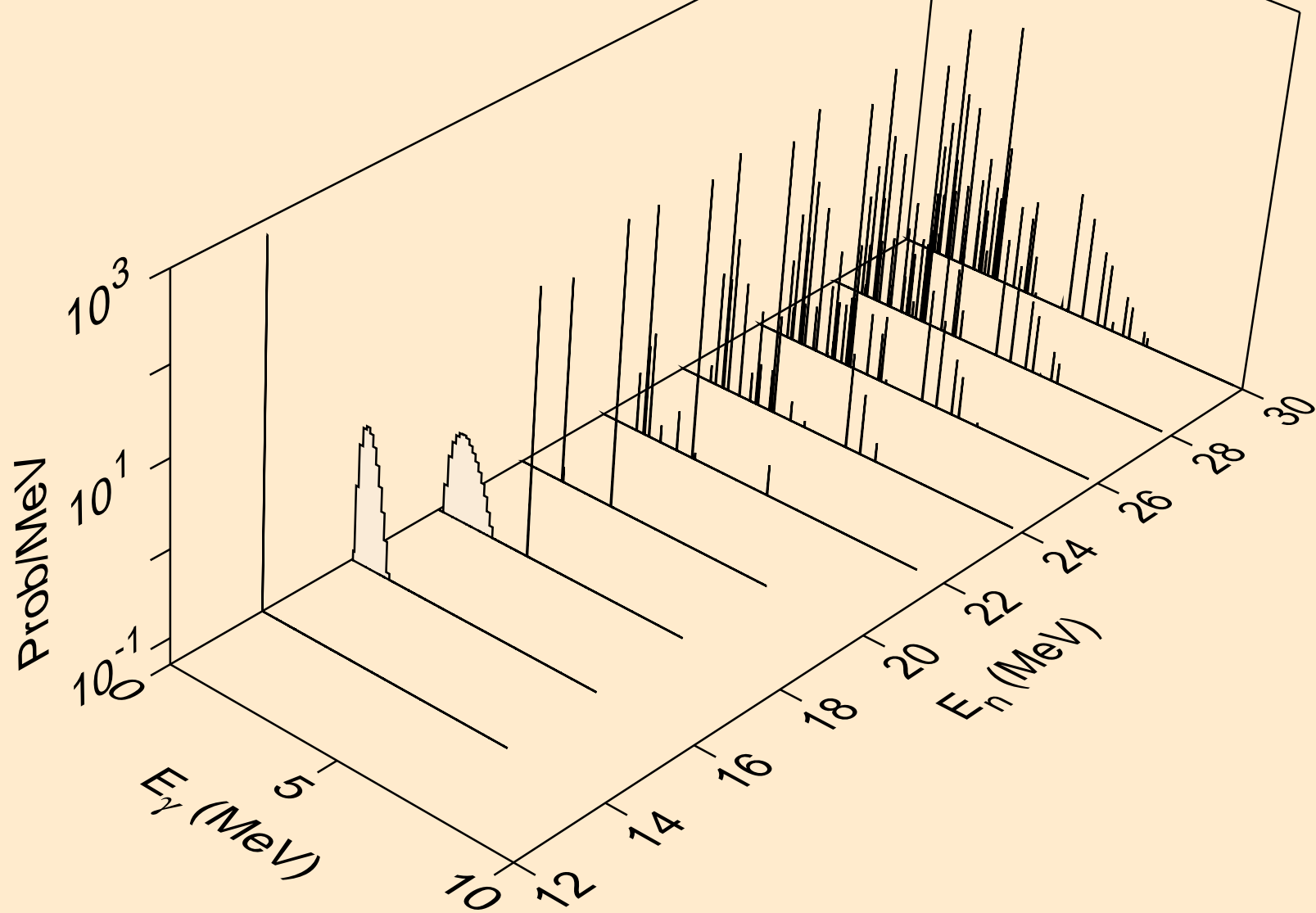
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Photon emission for (n,n*)t



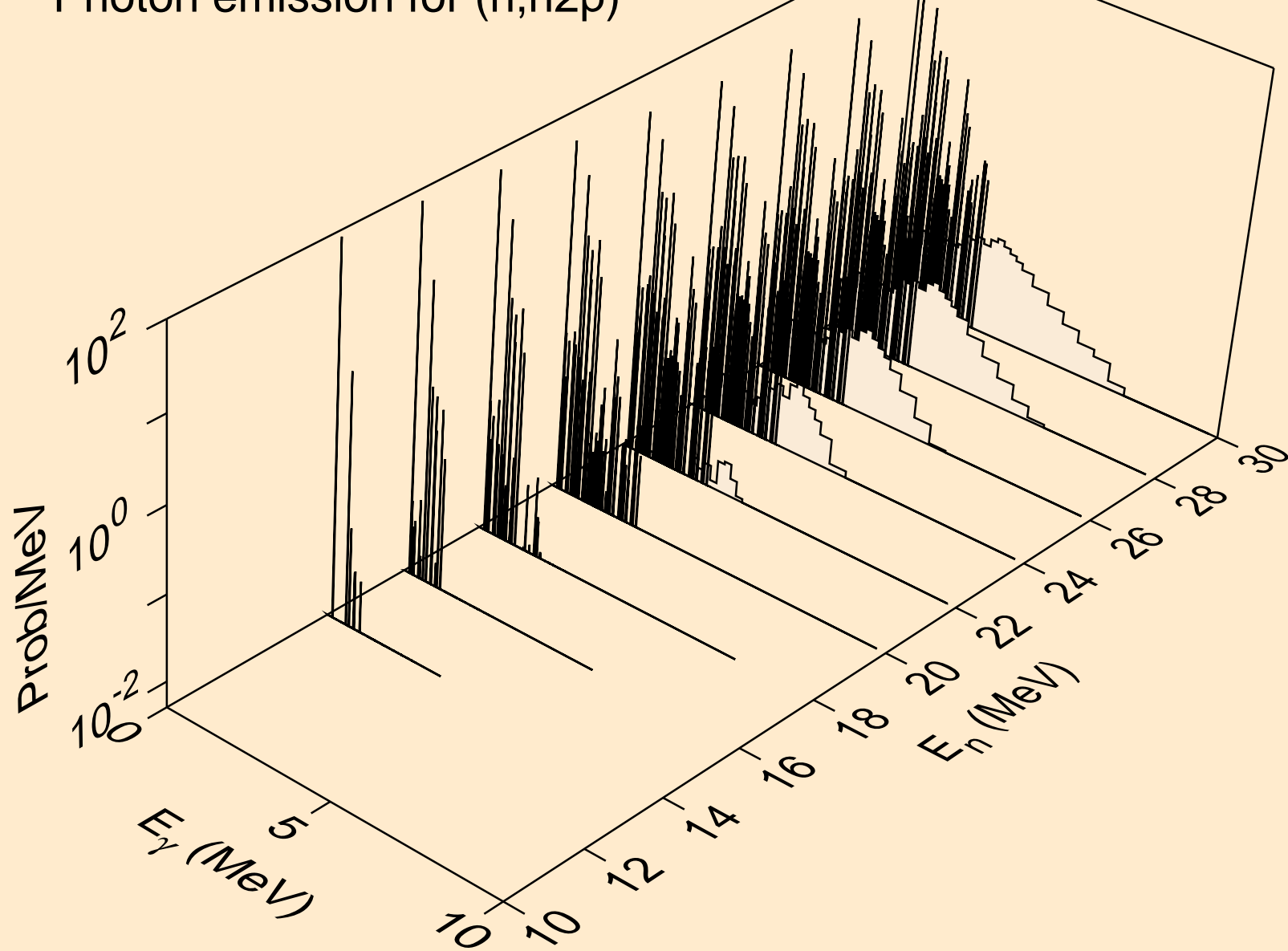
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



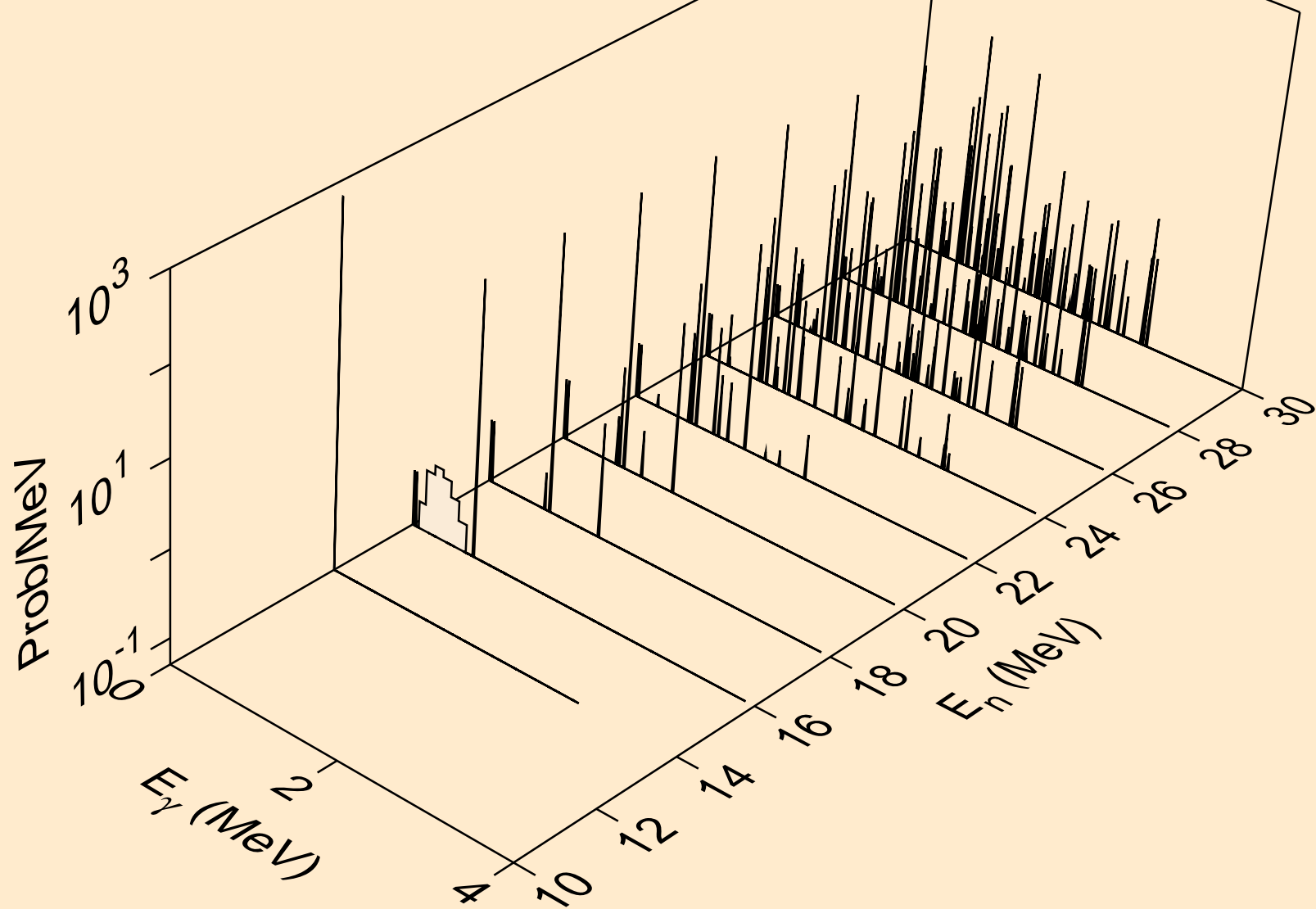
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Photon emission for (n,2np)



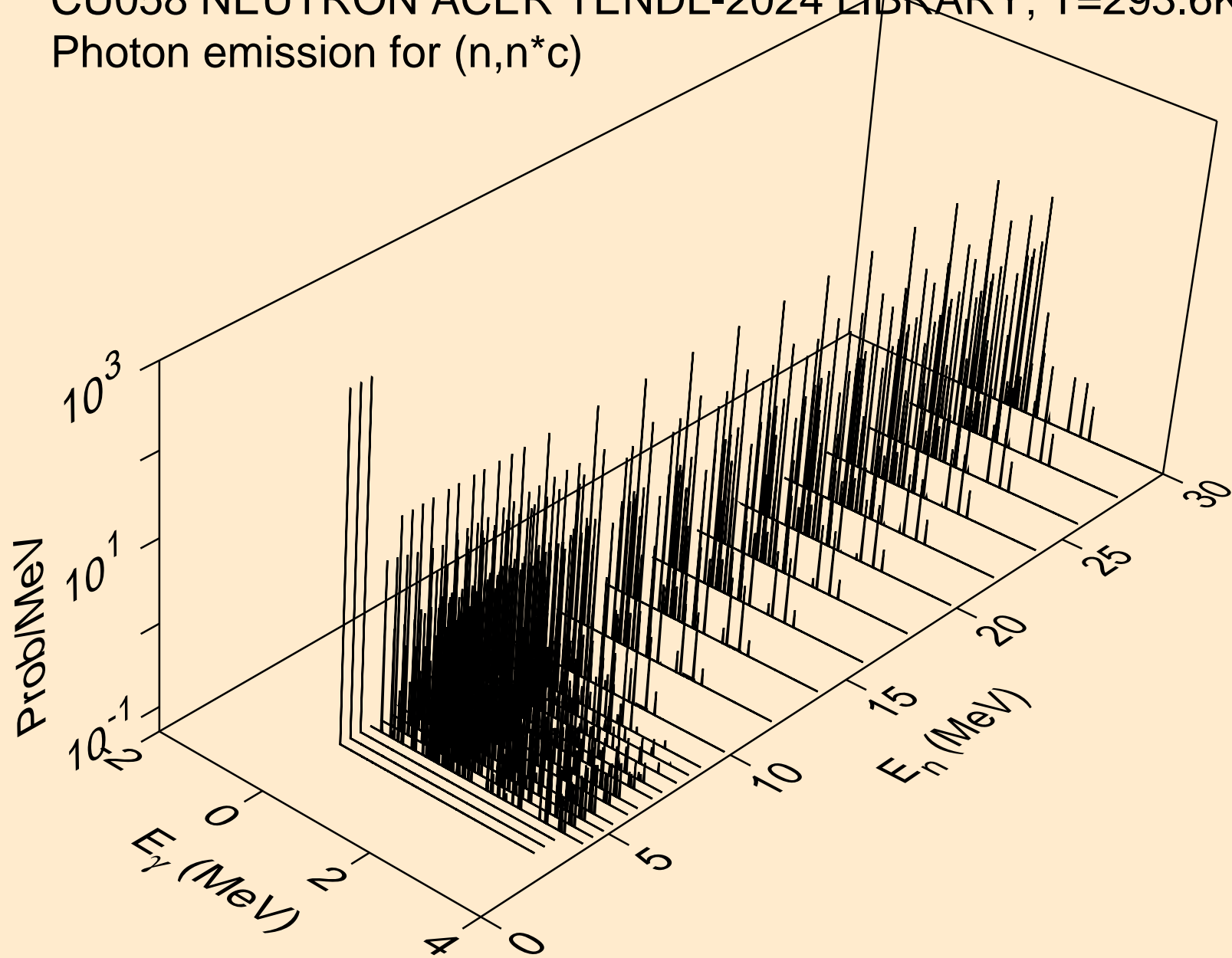
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



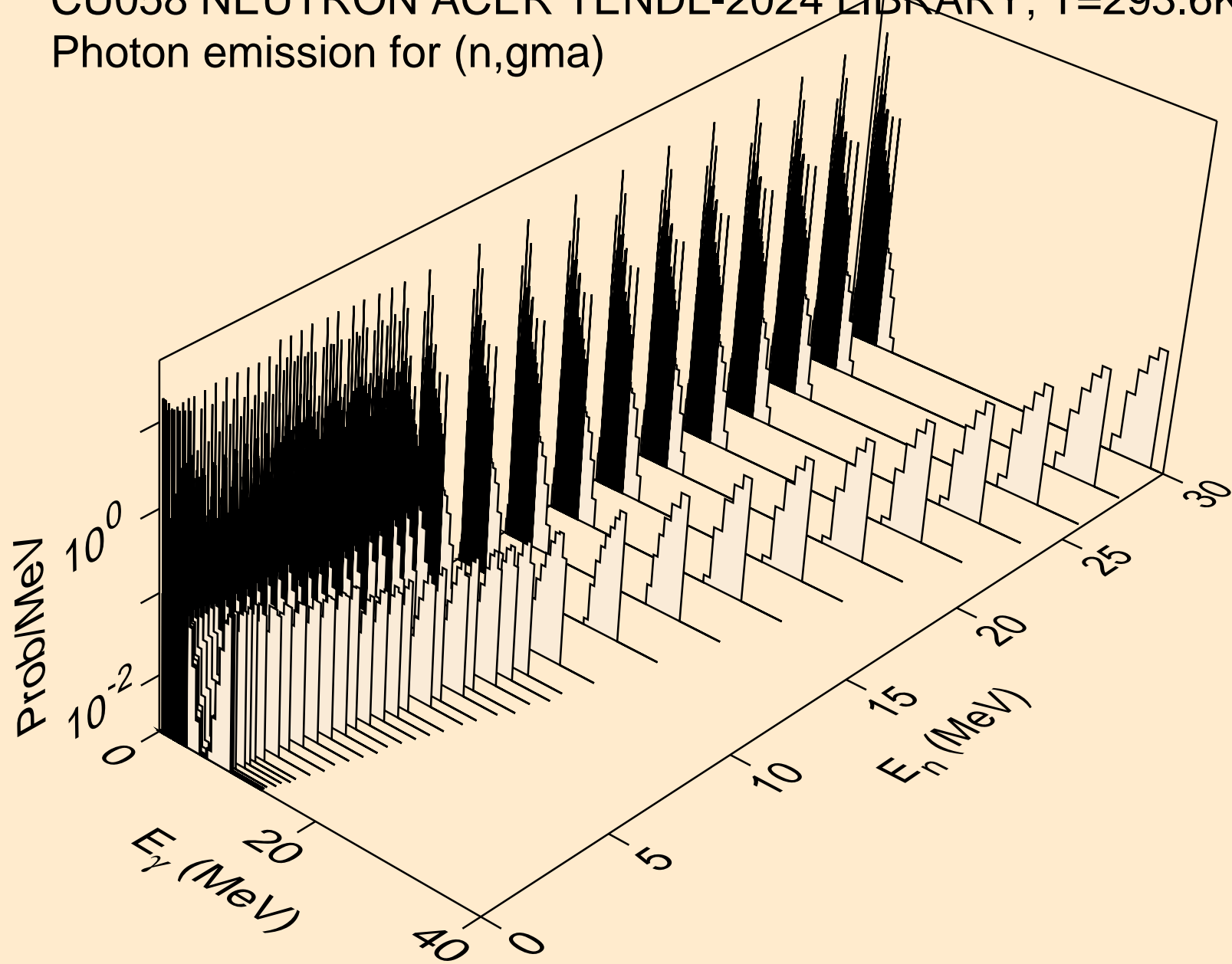
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



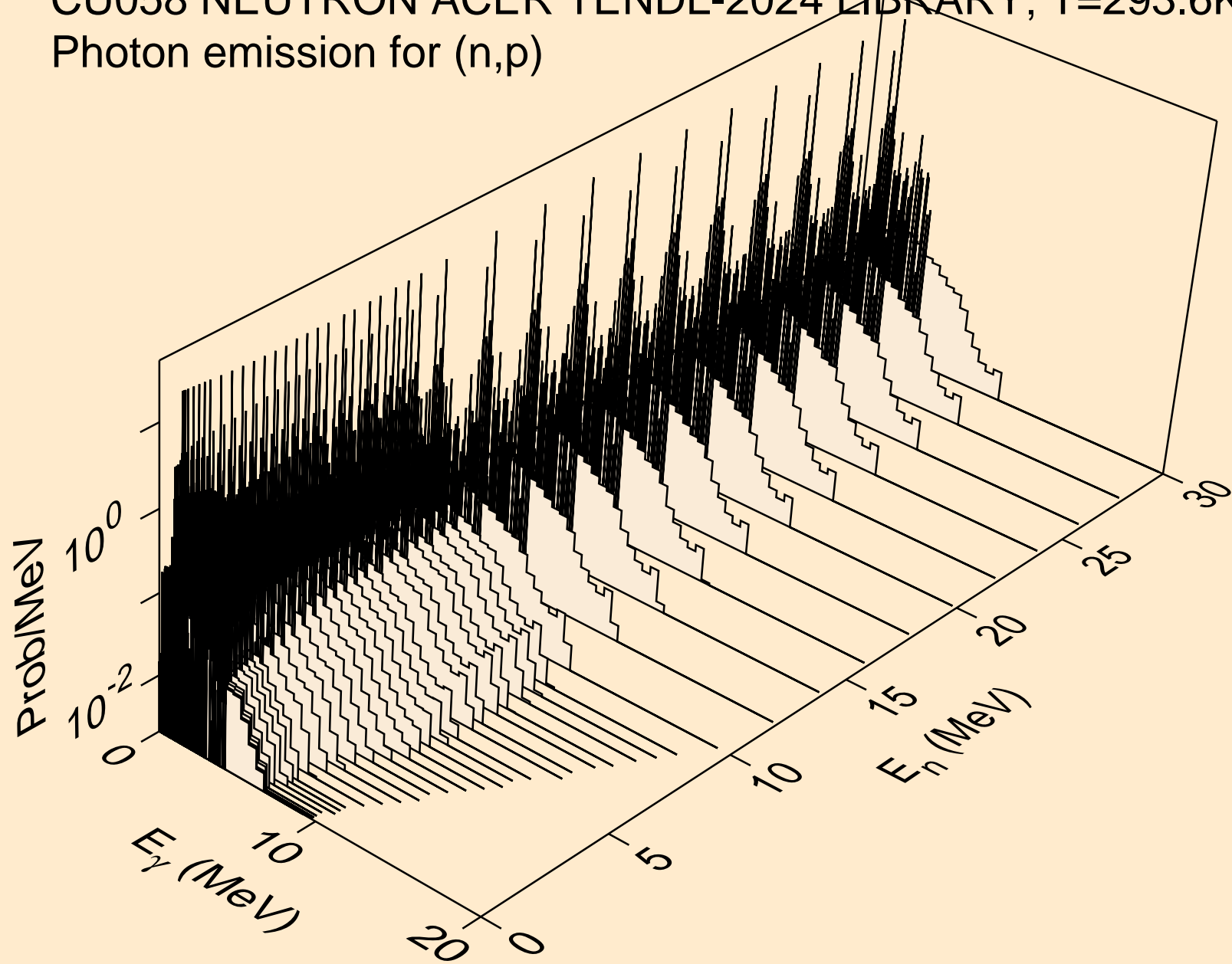
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



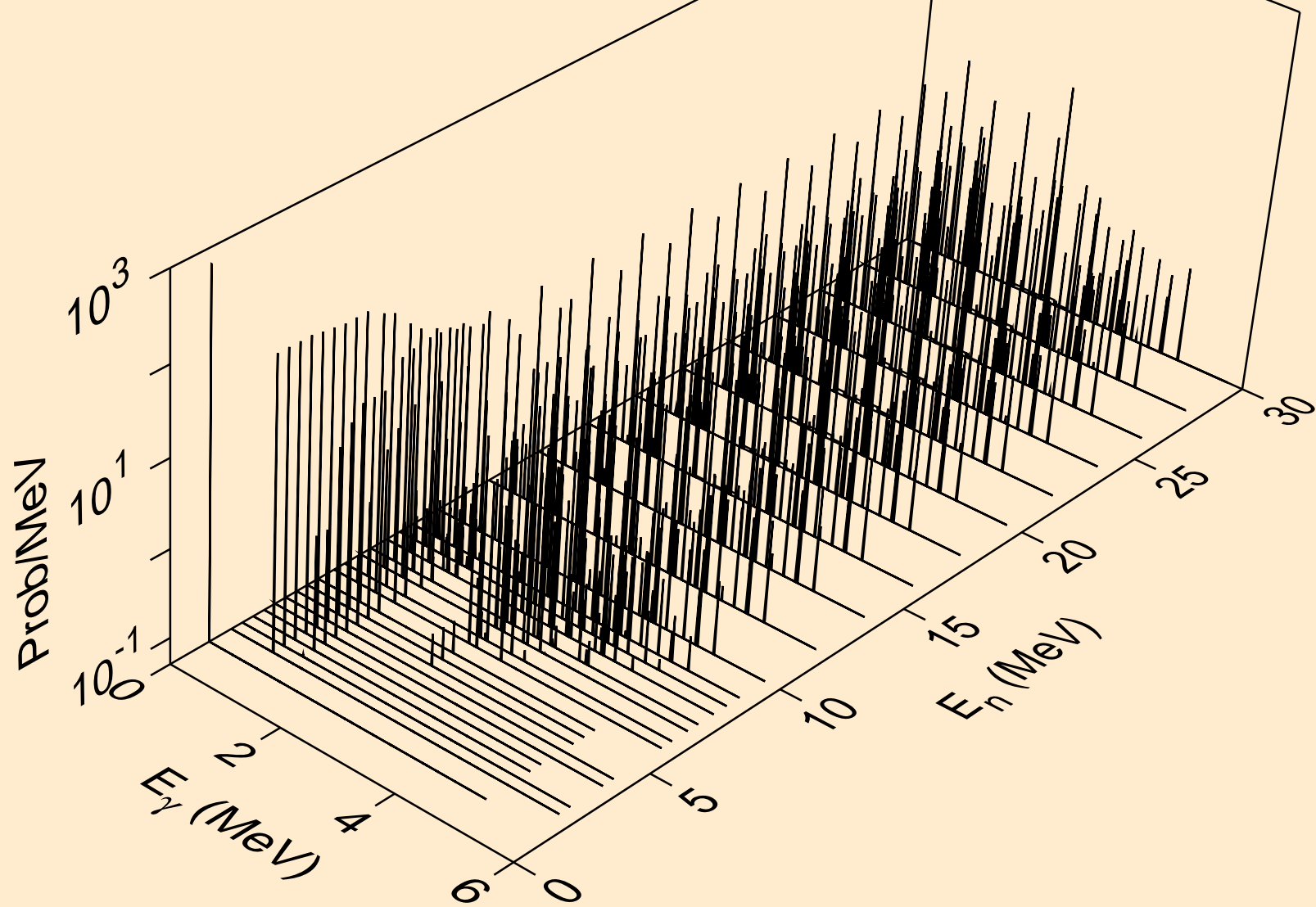
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



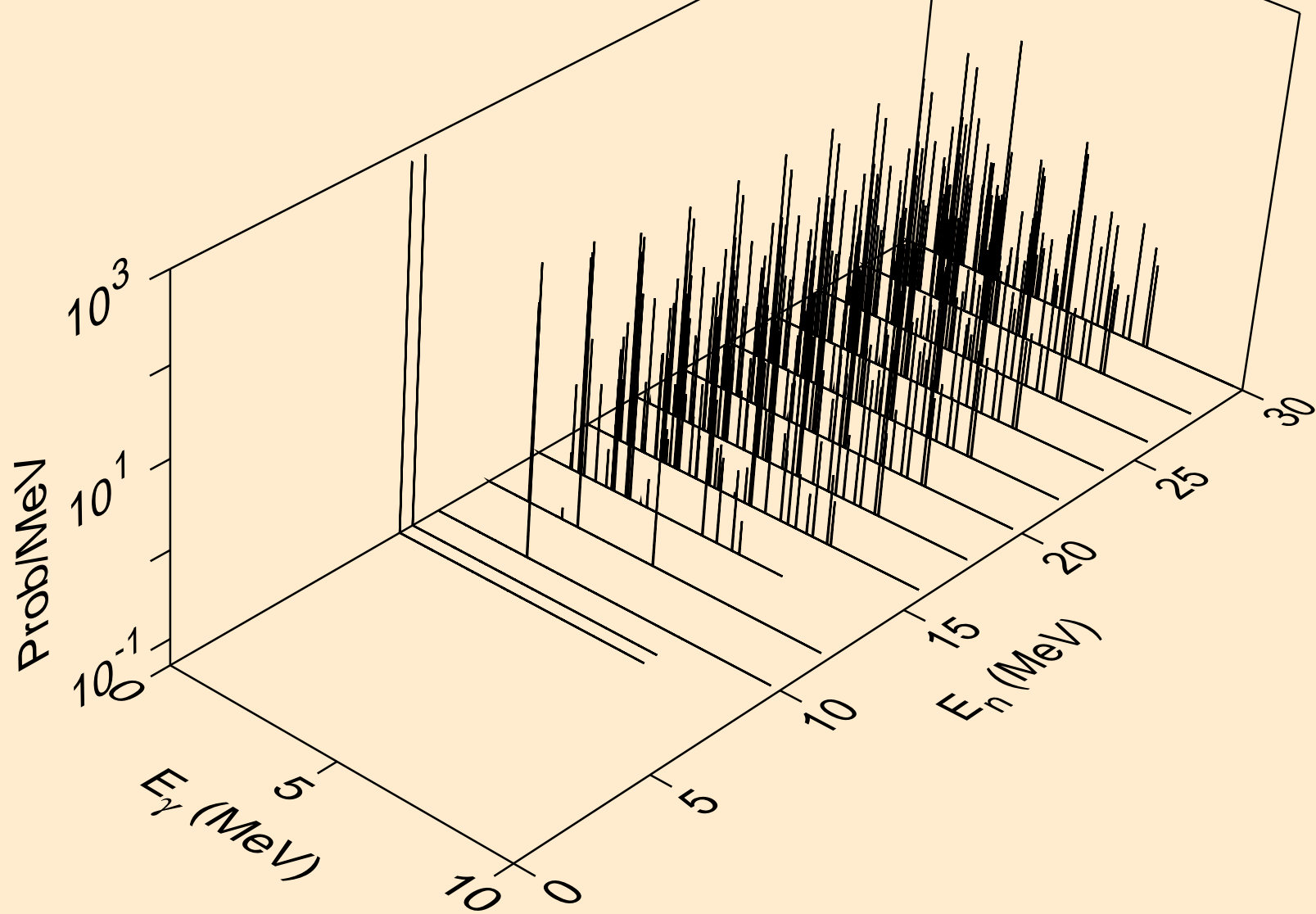
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



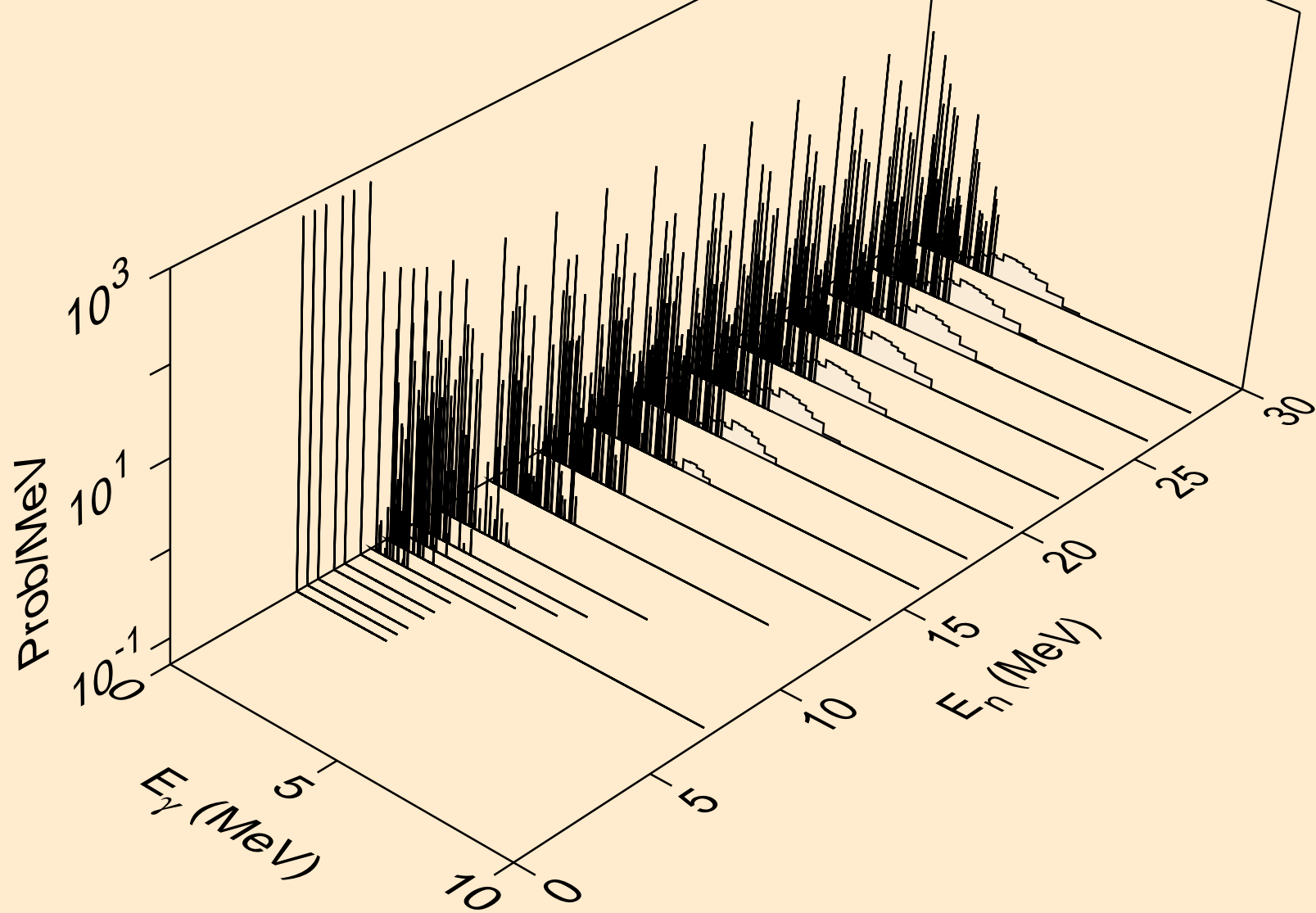
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



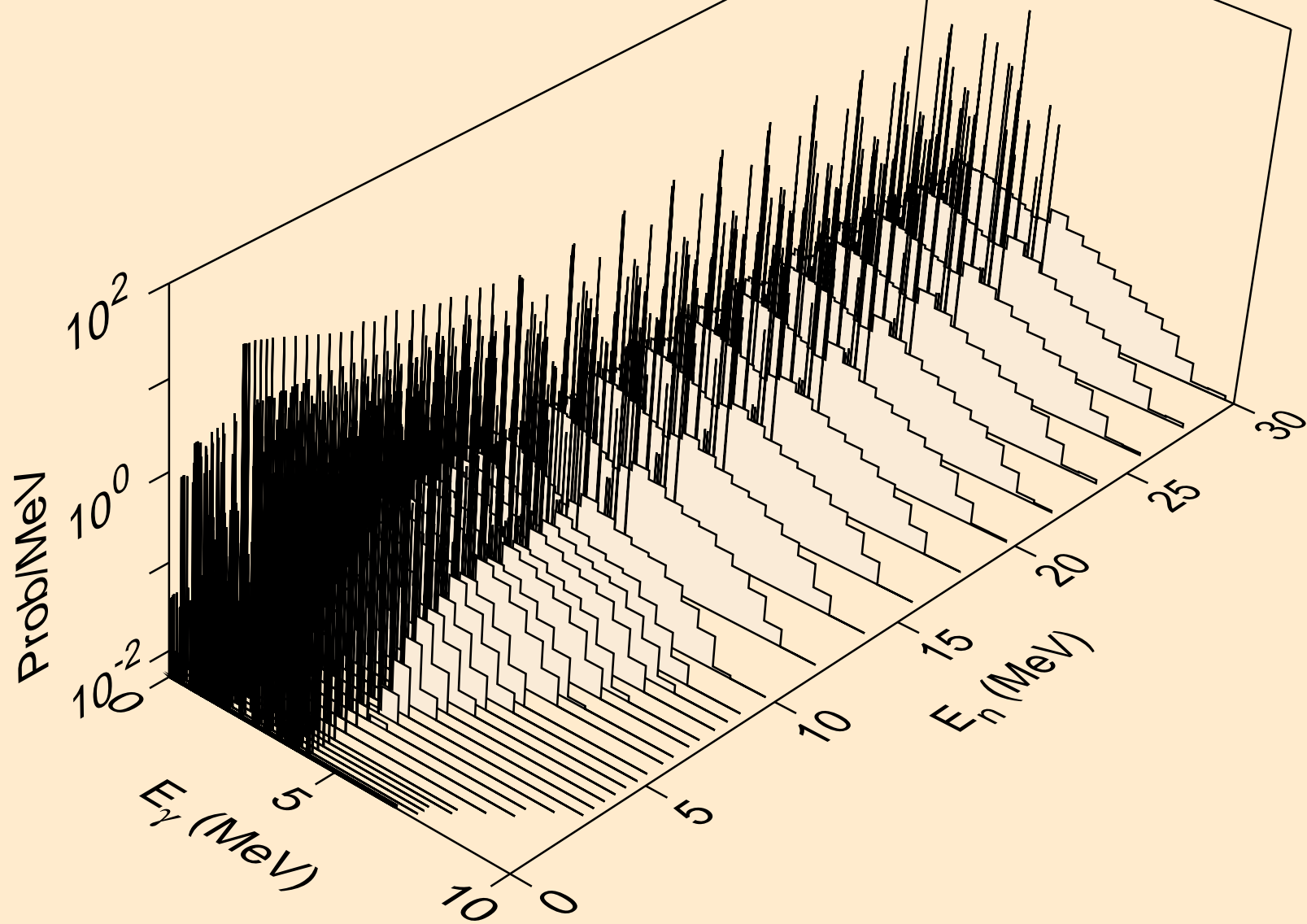
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



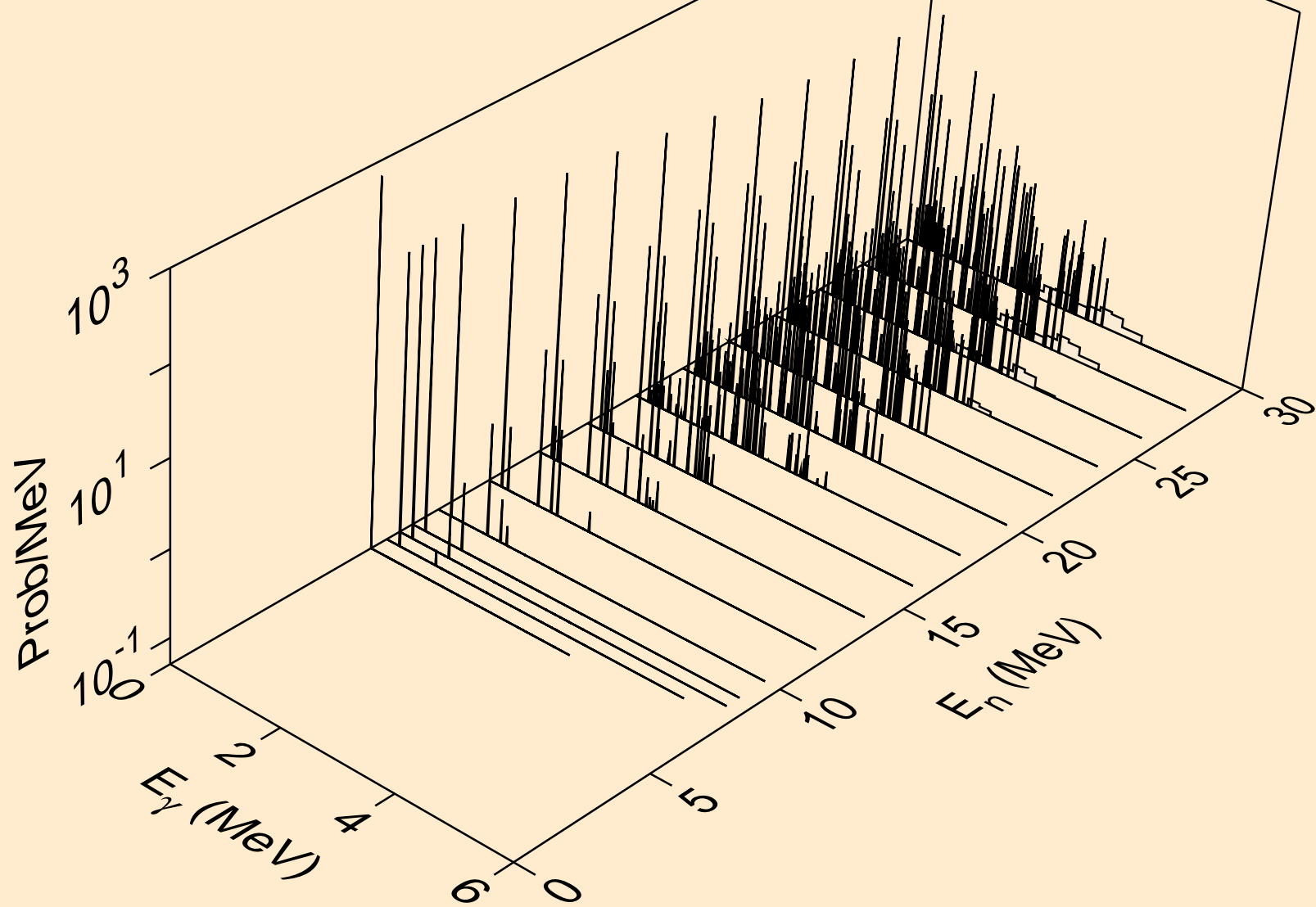
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



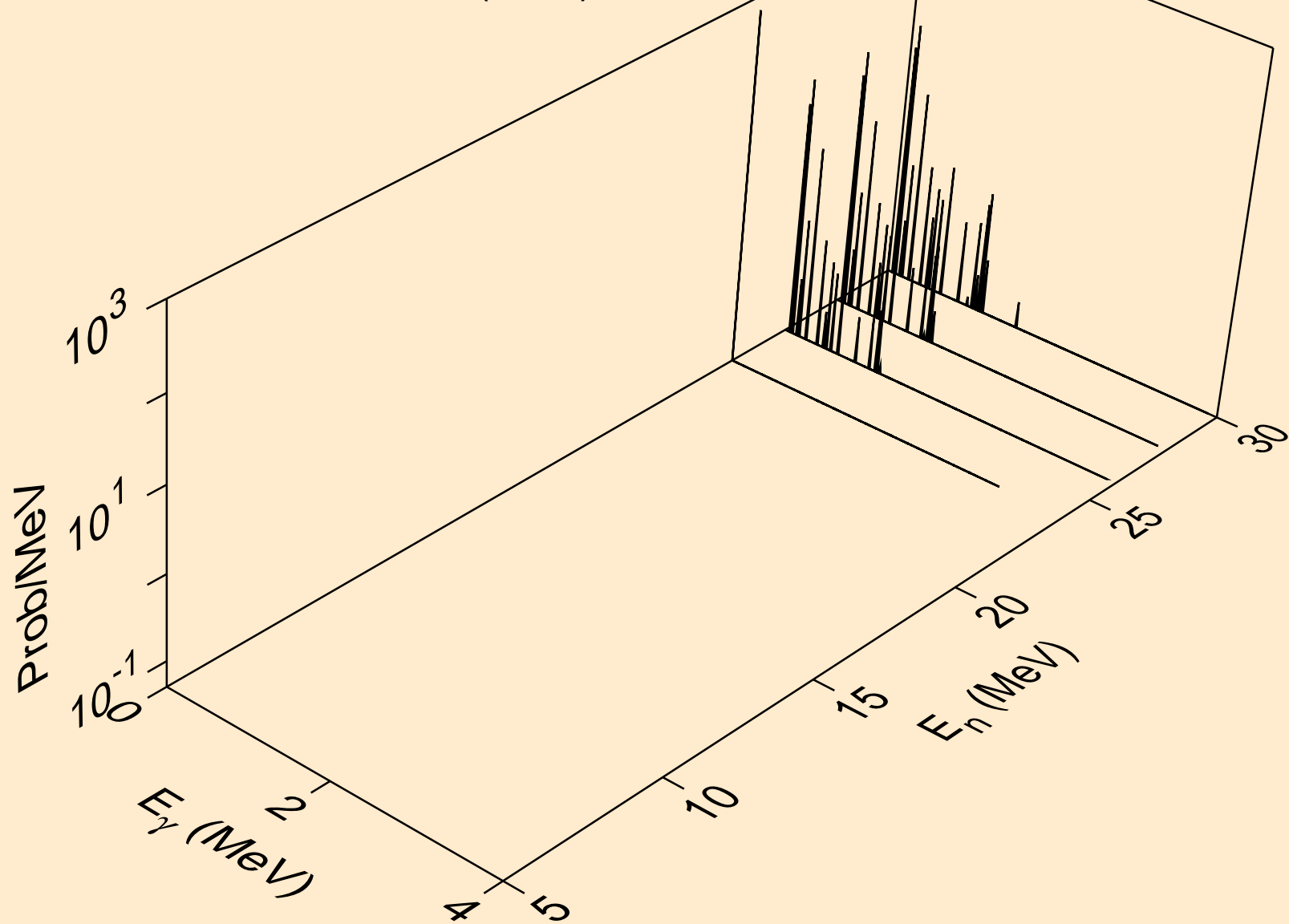
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



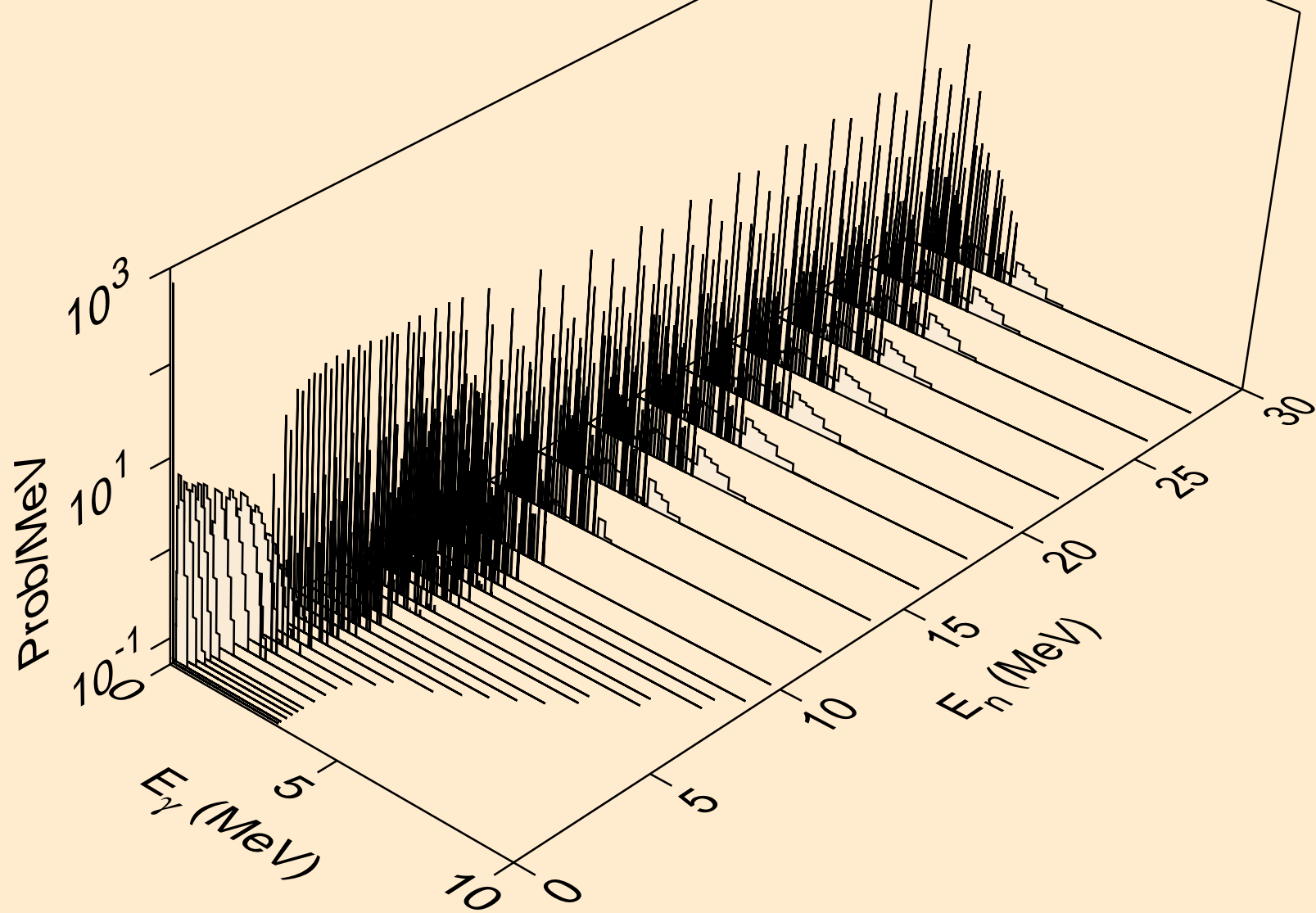
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



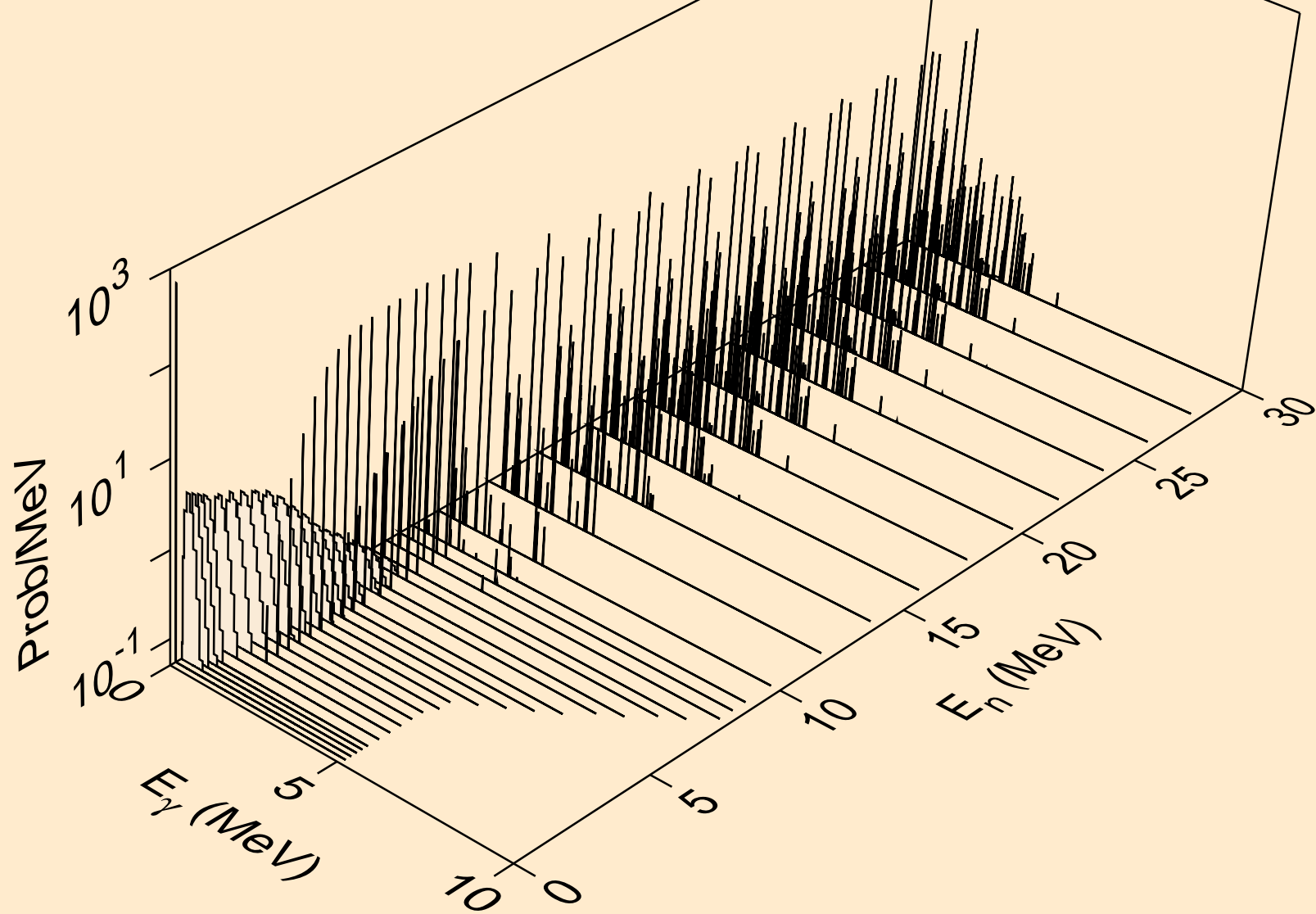
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3a)



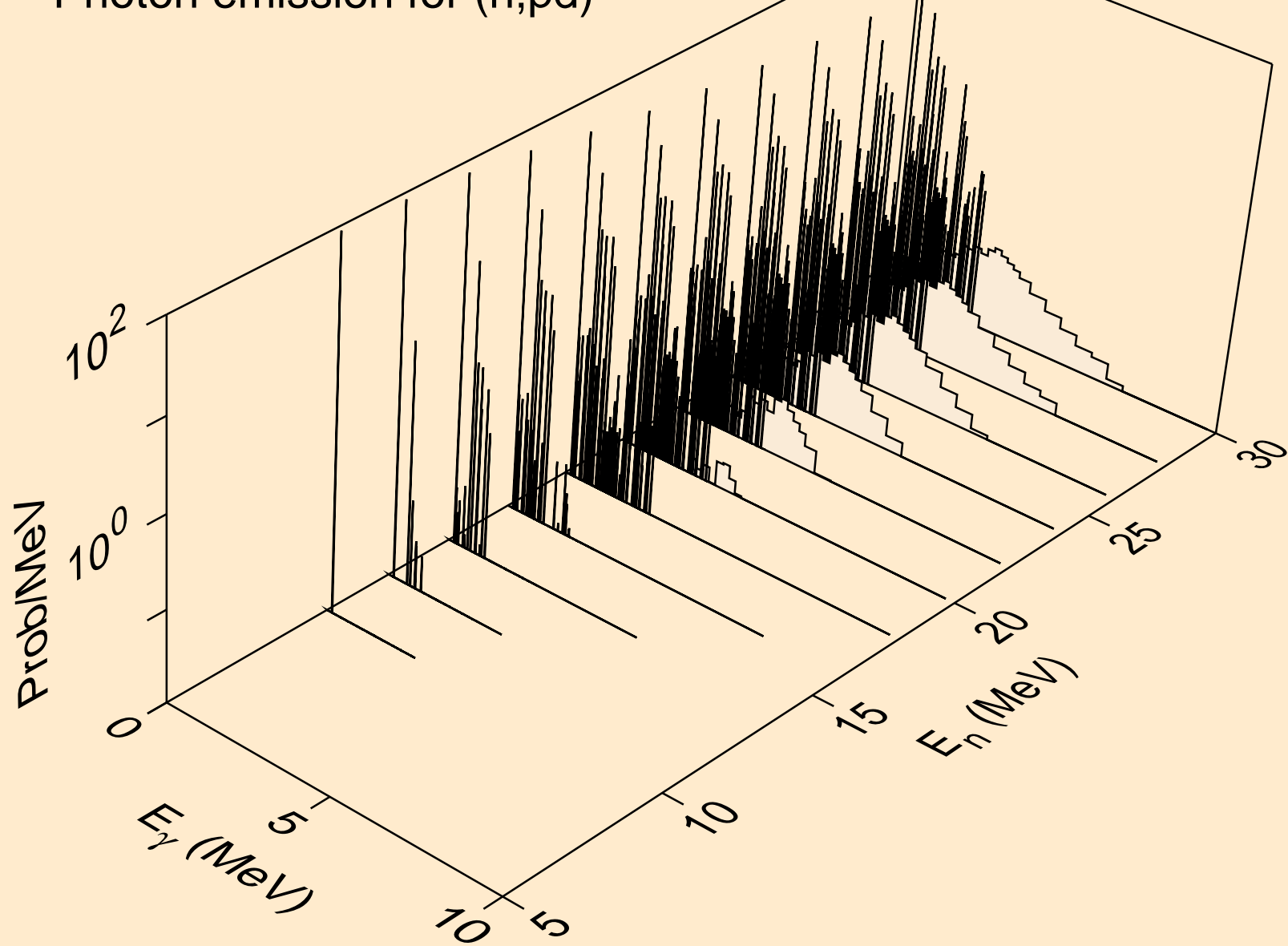
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



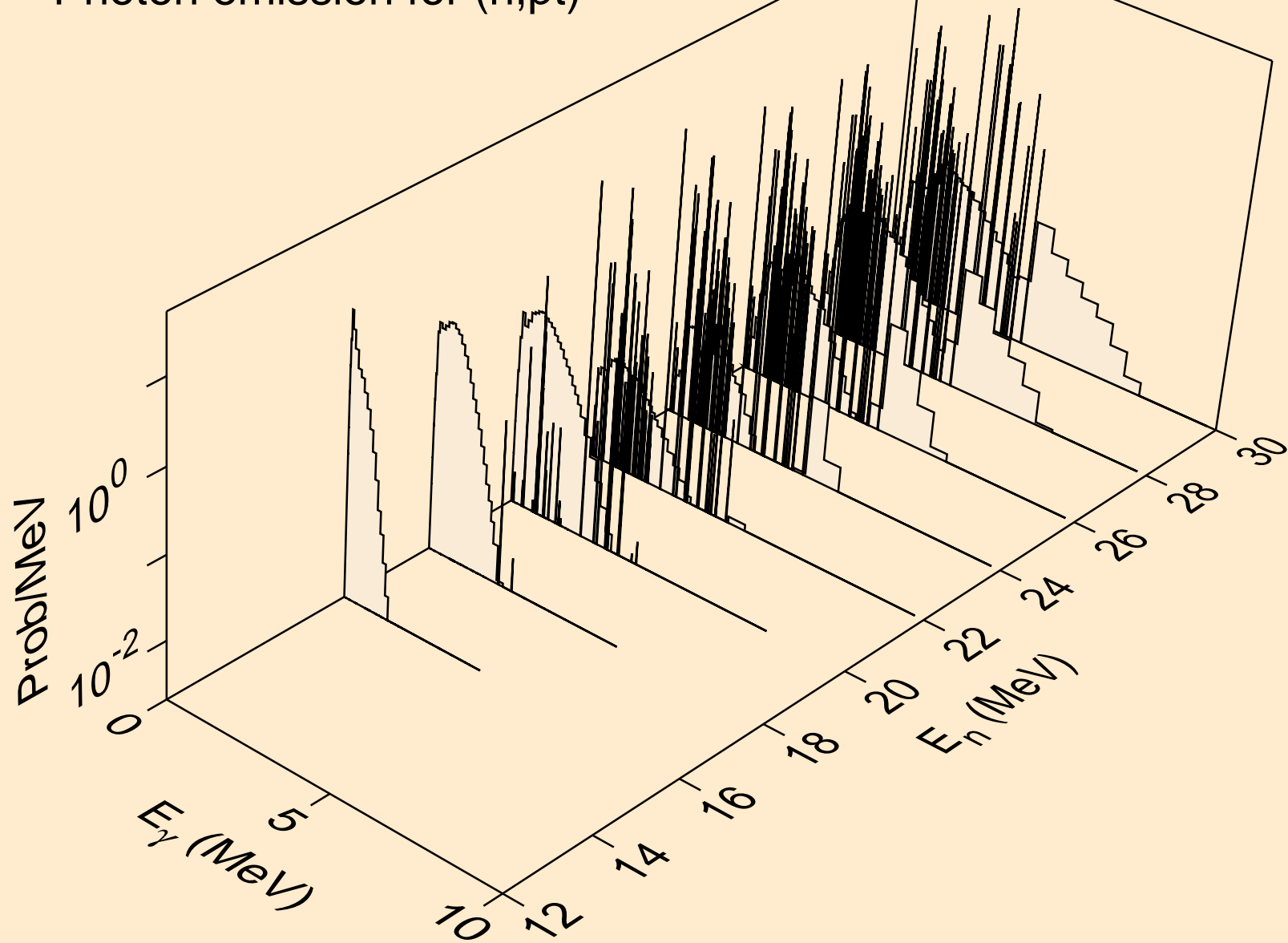
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Photon emission for (n,p α)



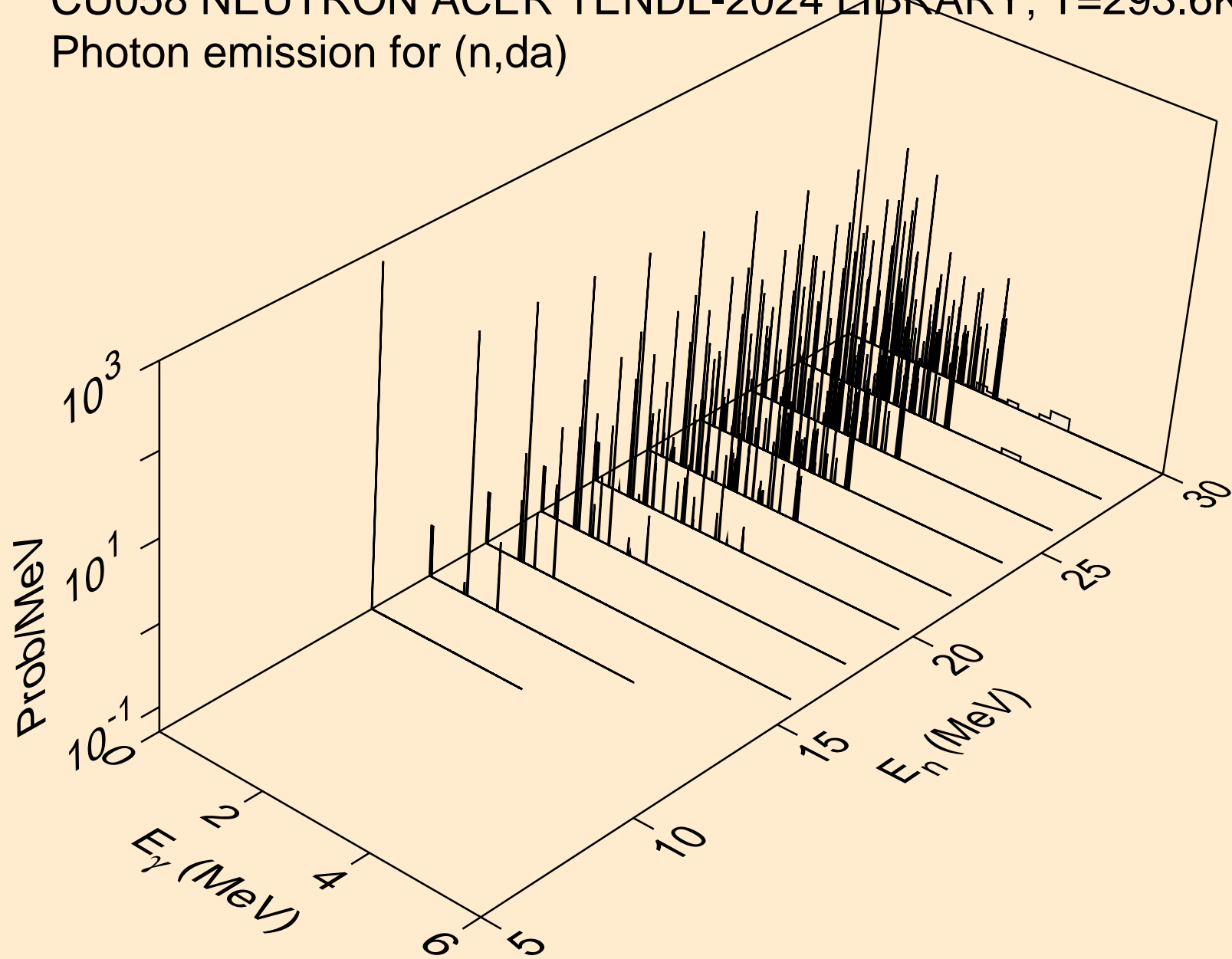
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



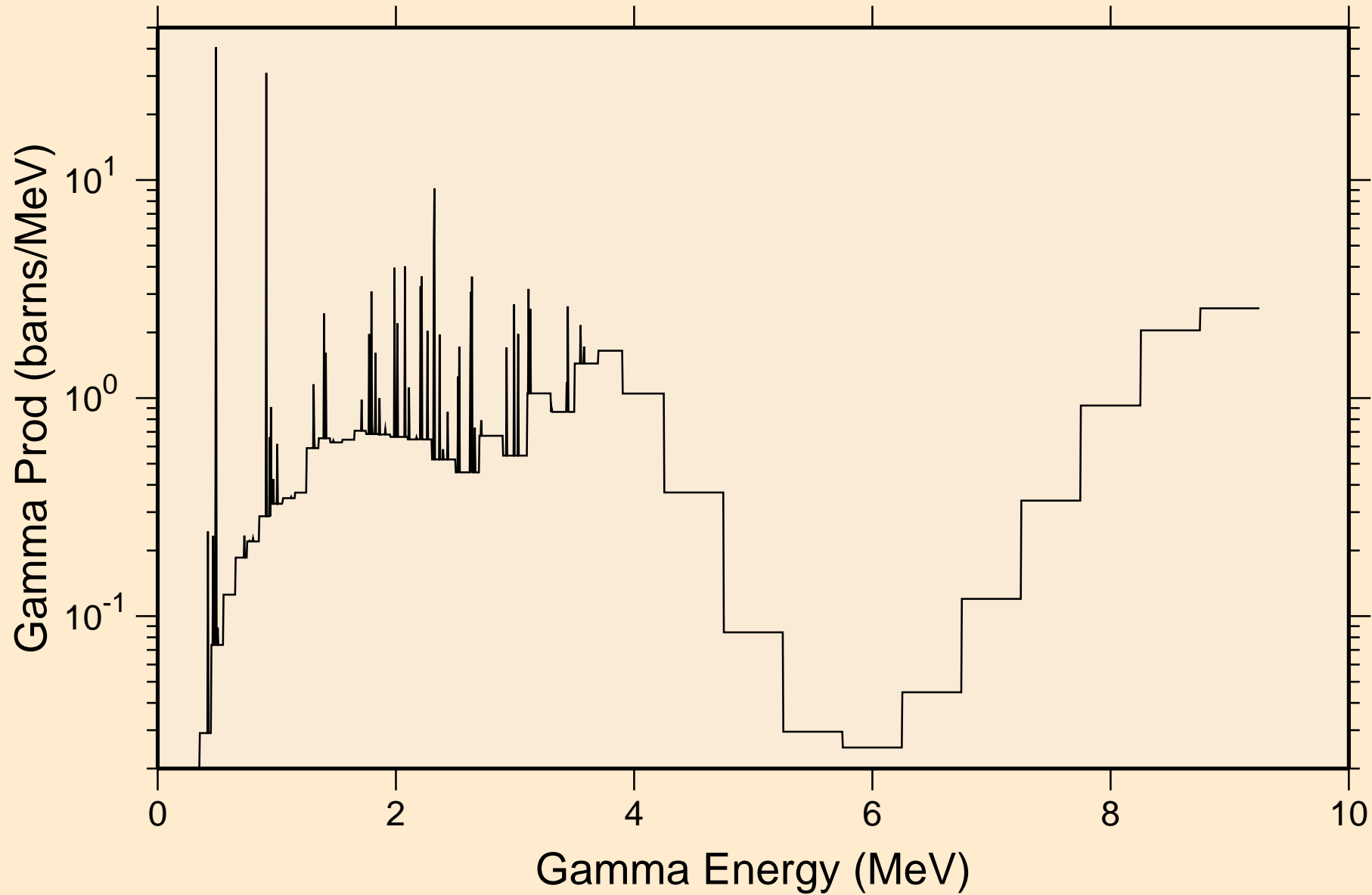
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



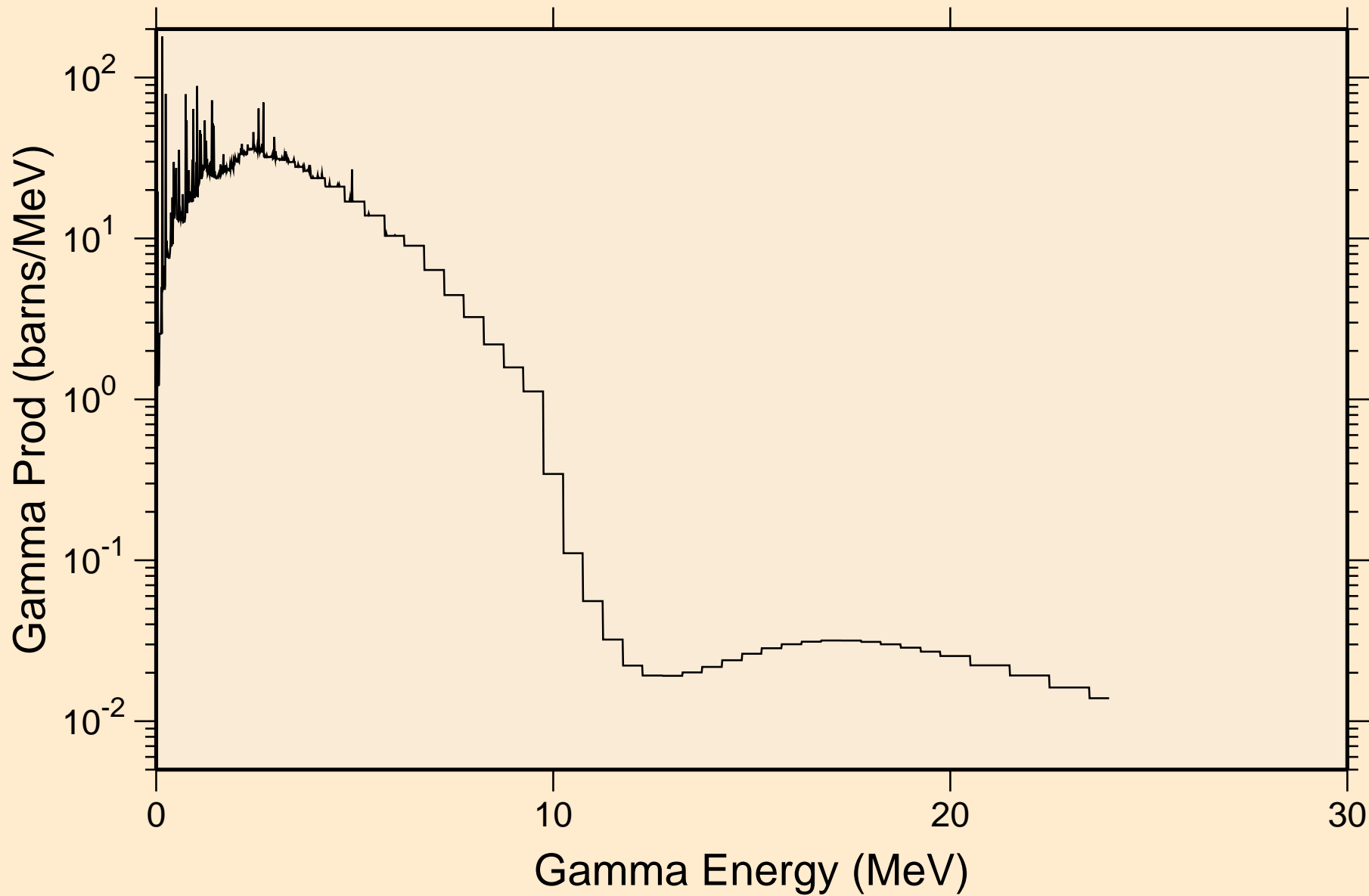
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum

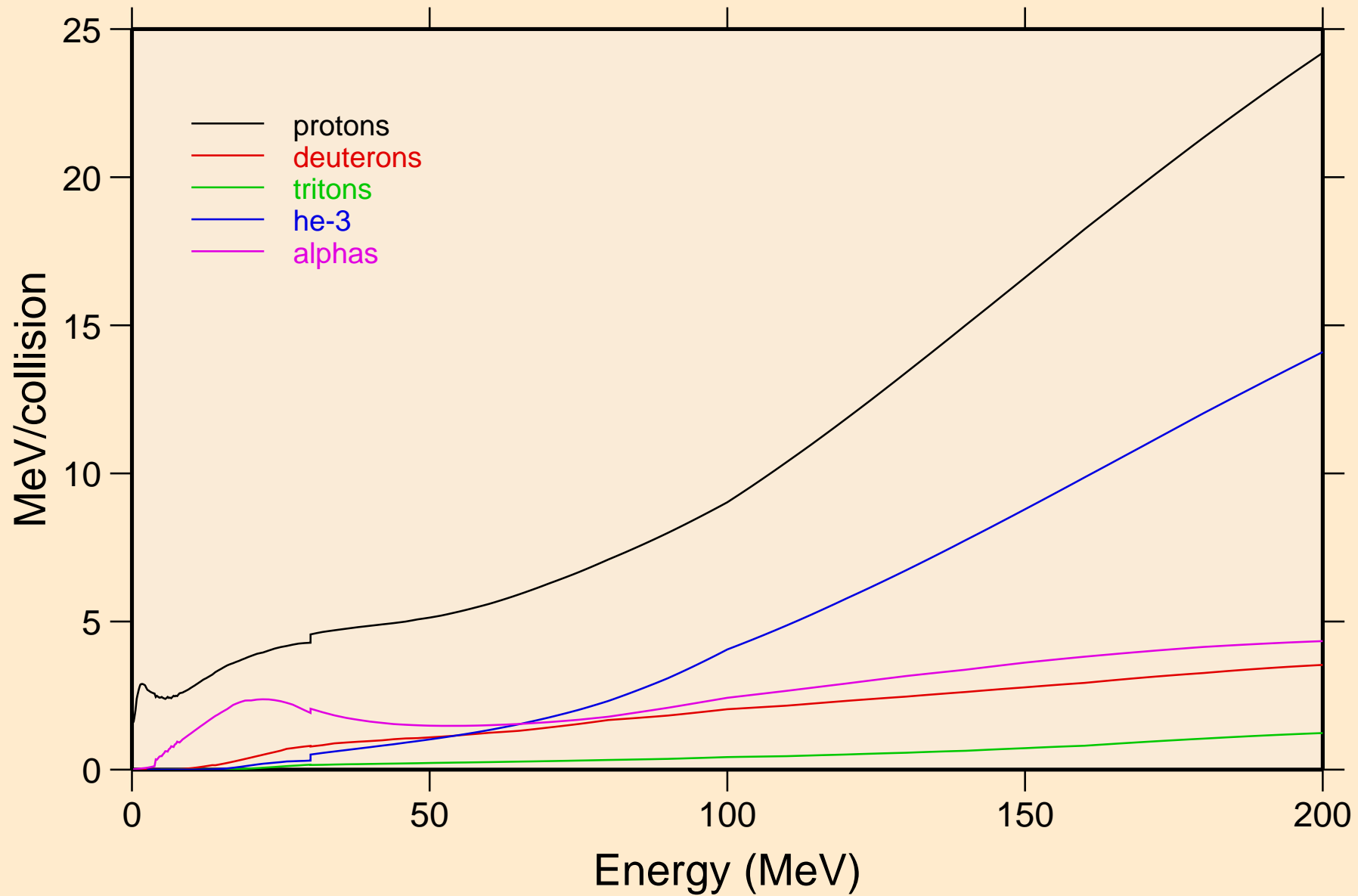


CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum

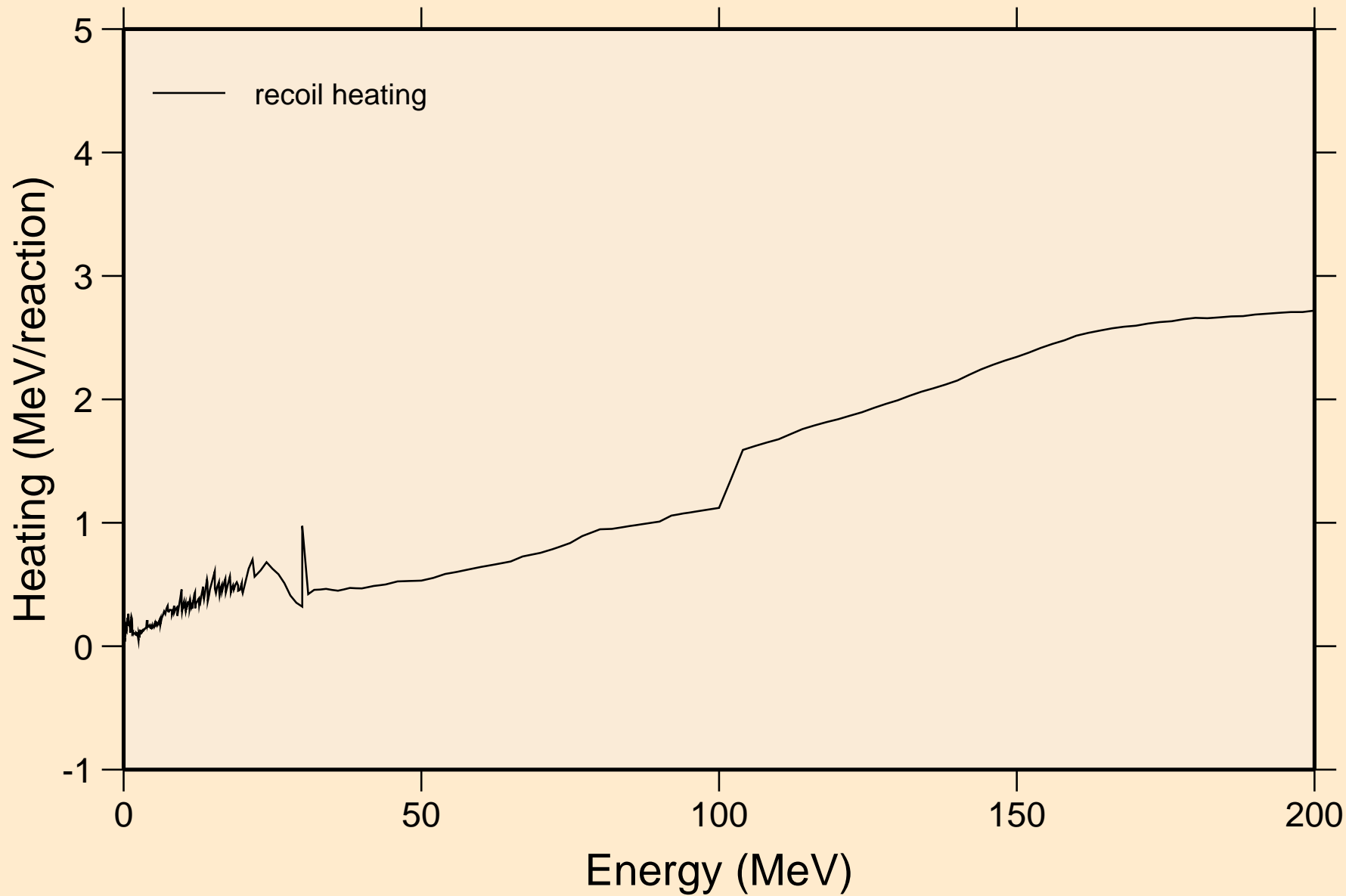


CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

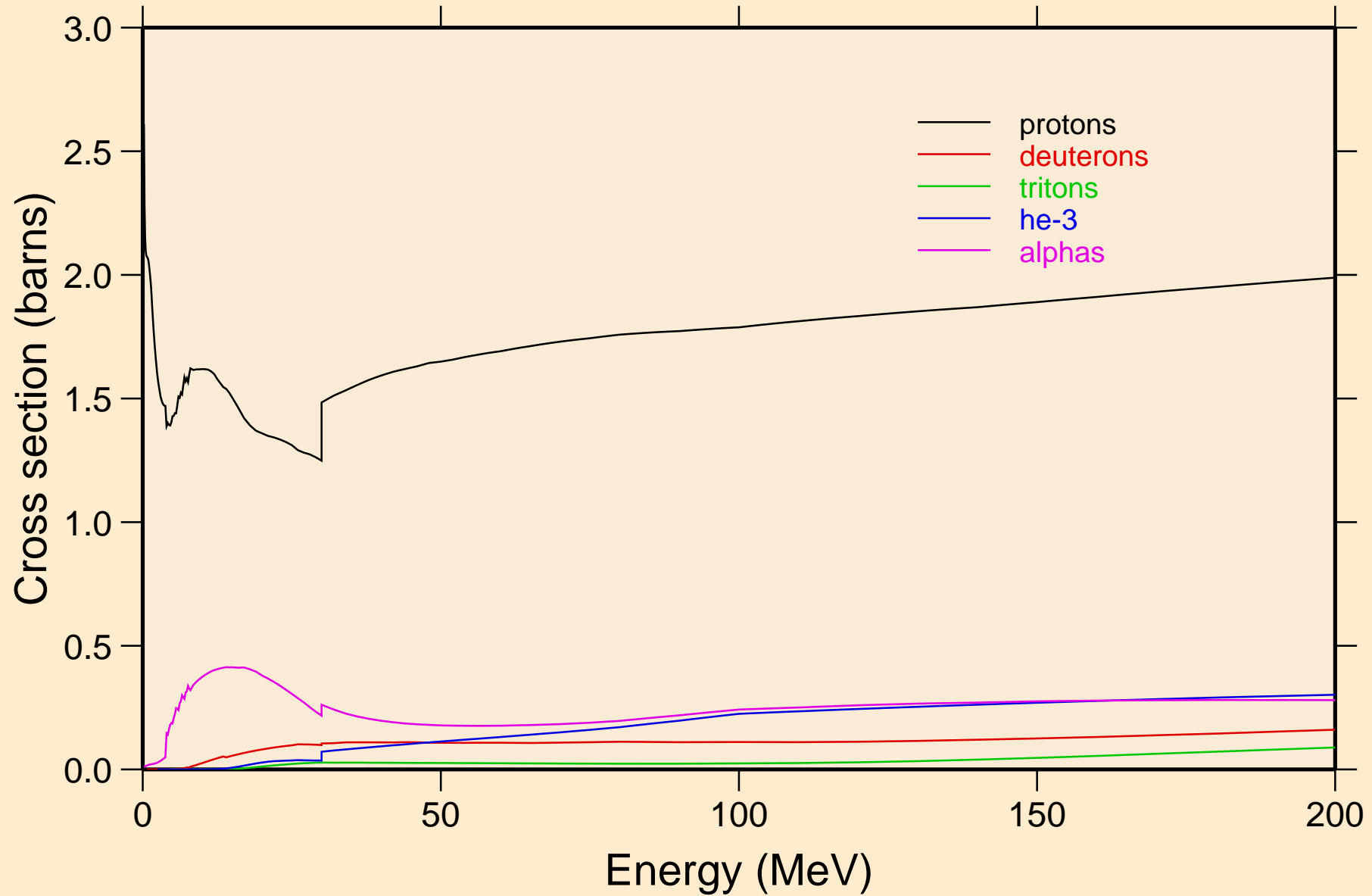
Particle heating contributions



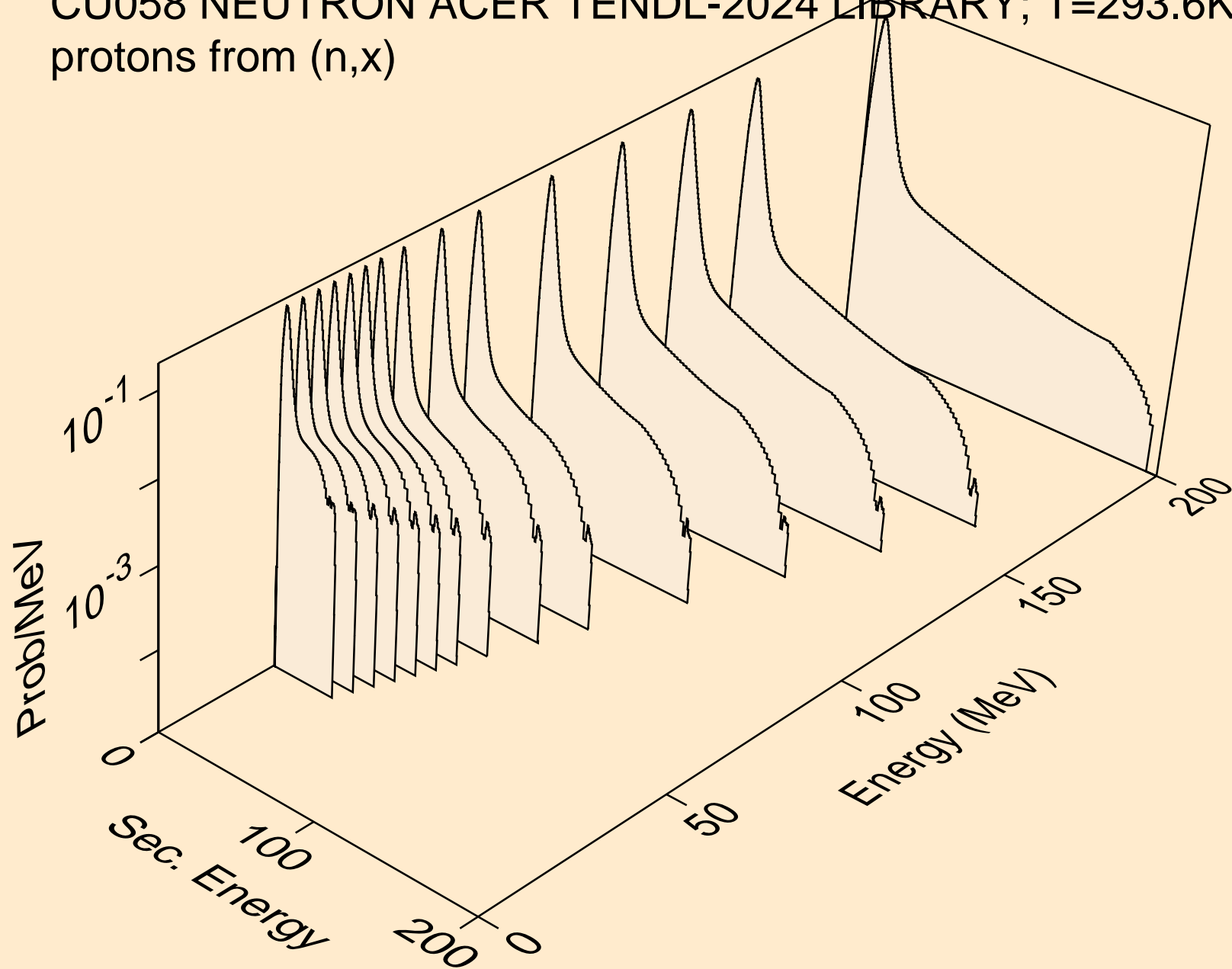
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



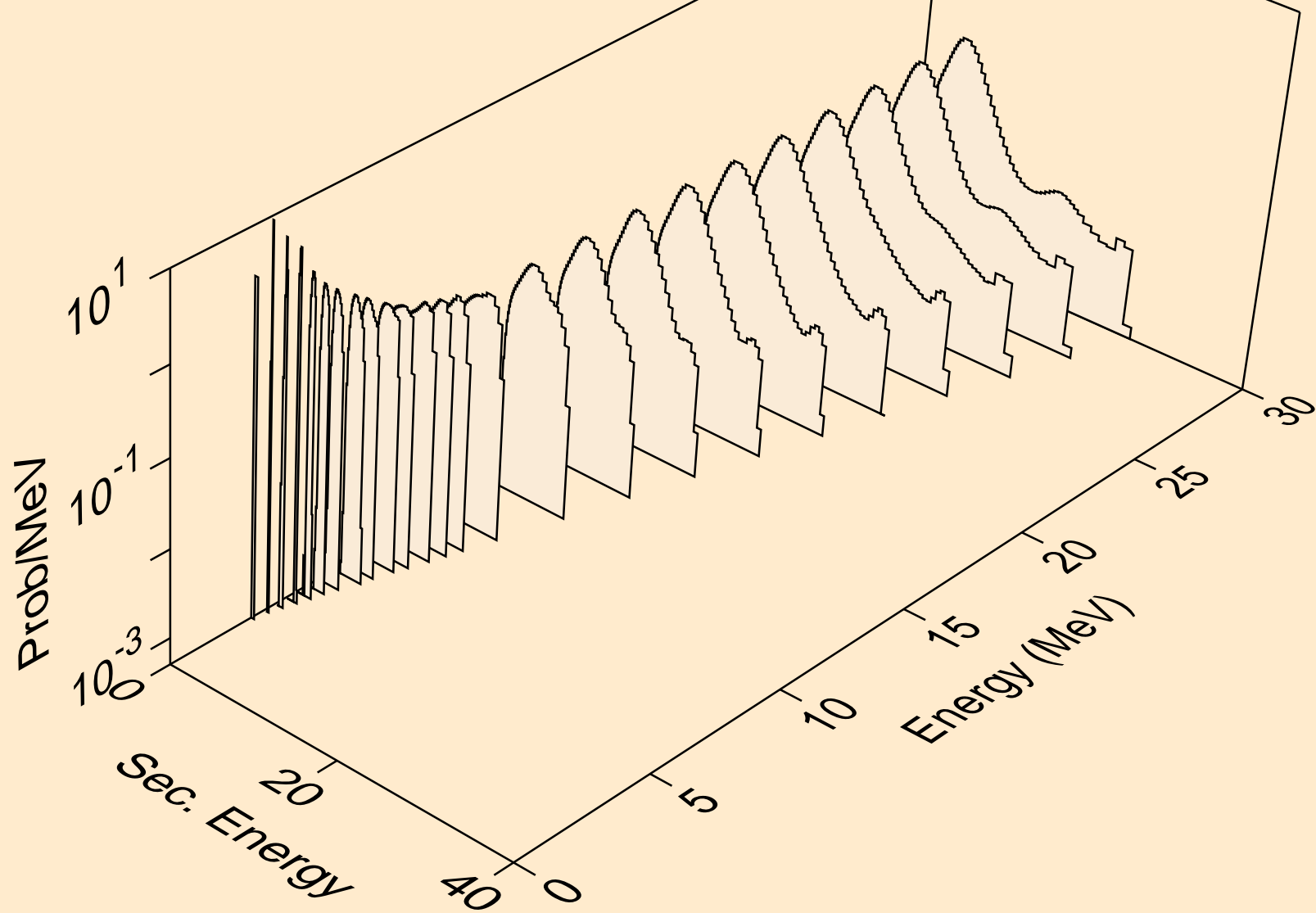
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



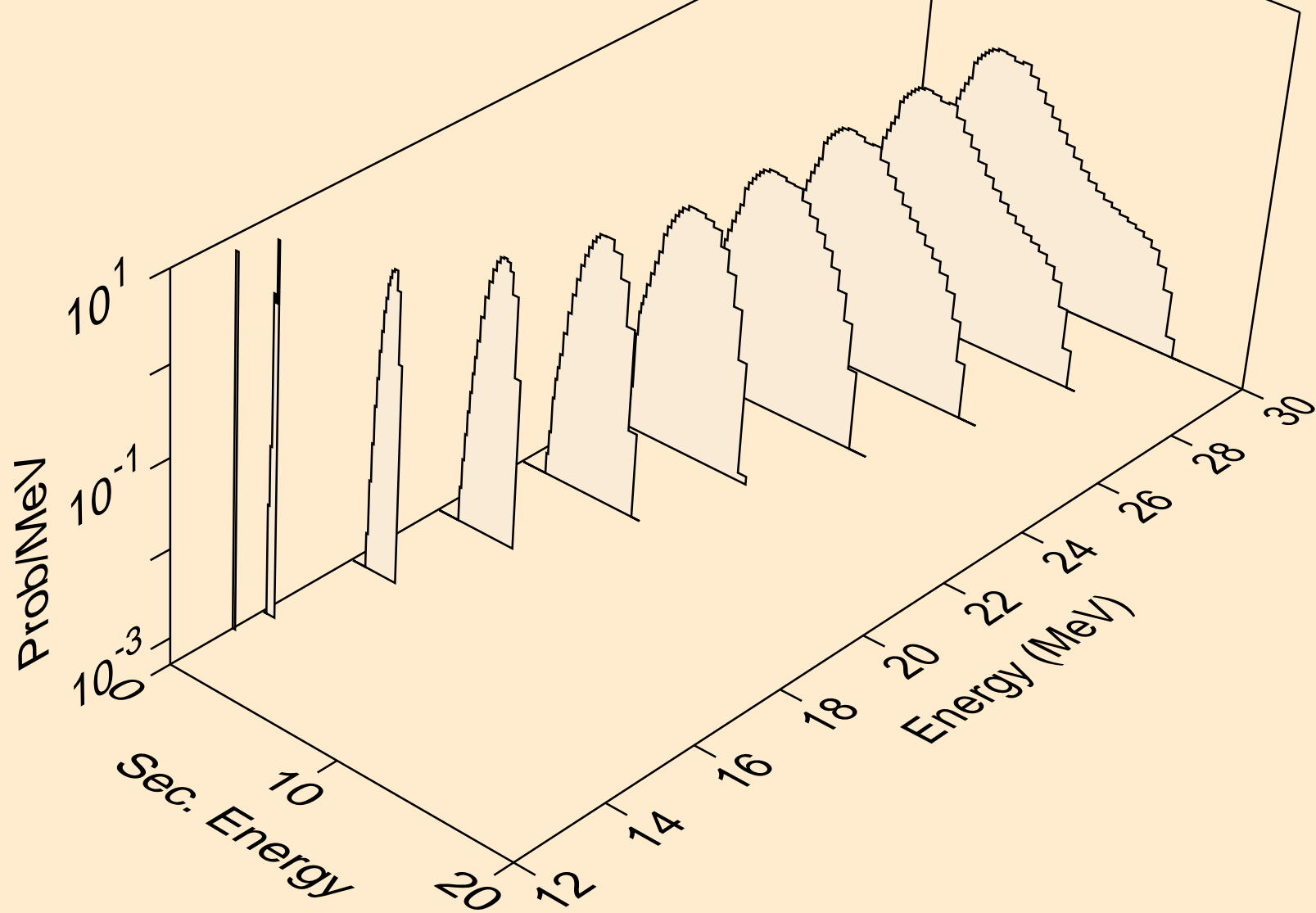
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



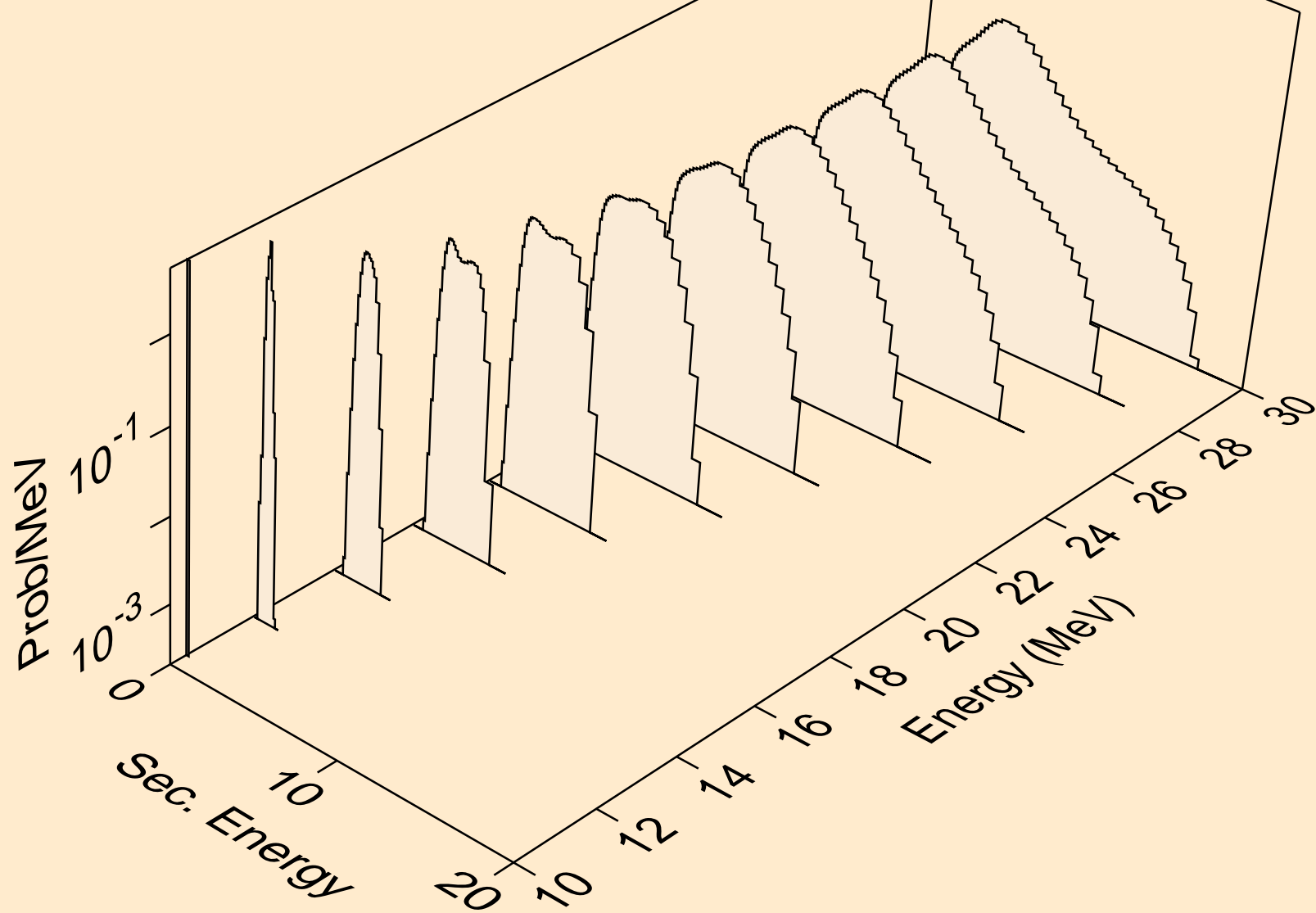
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



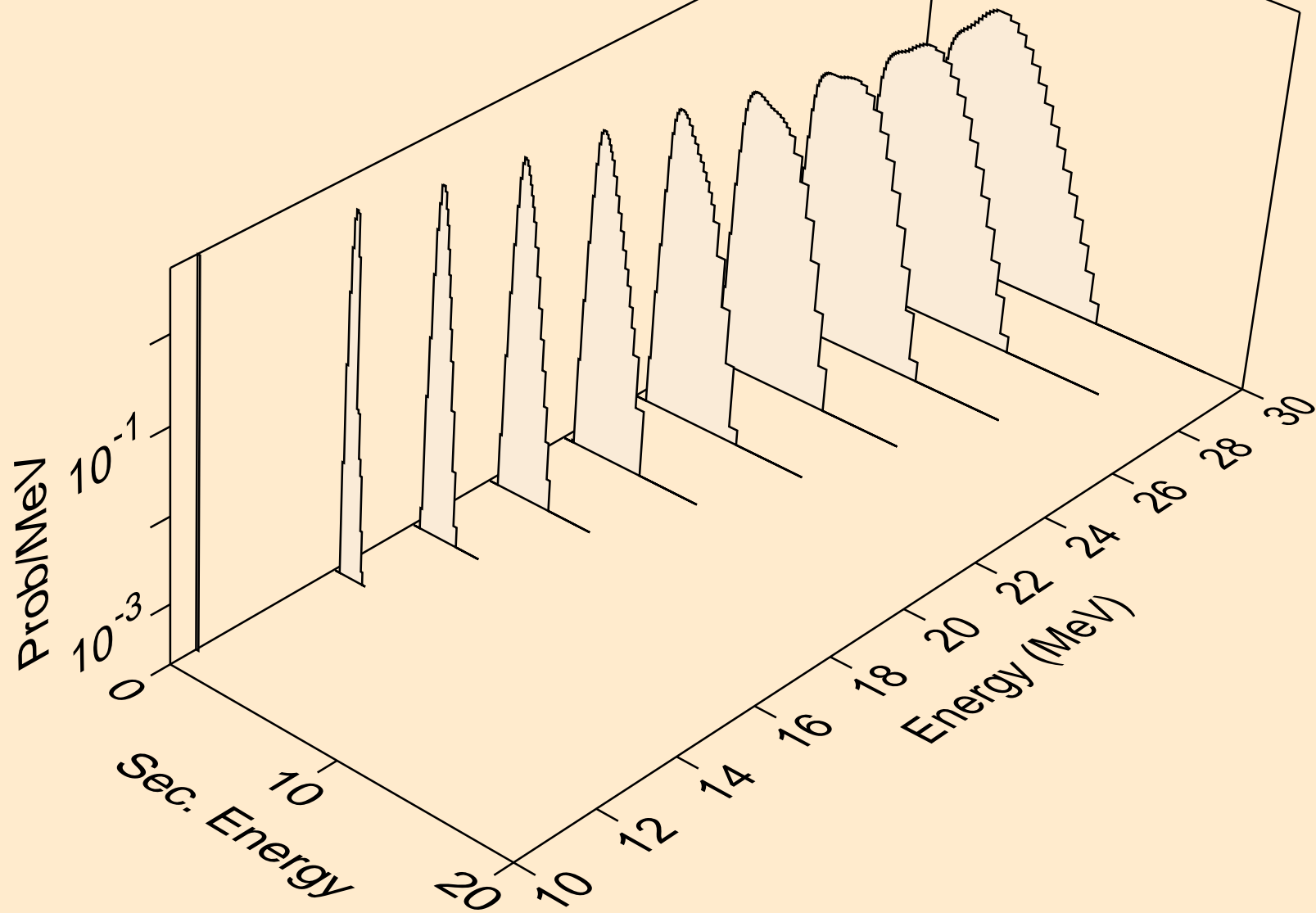
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protons from (n,2np)



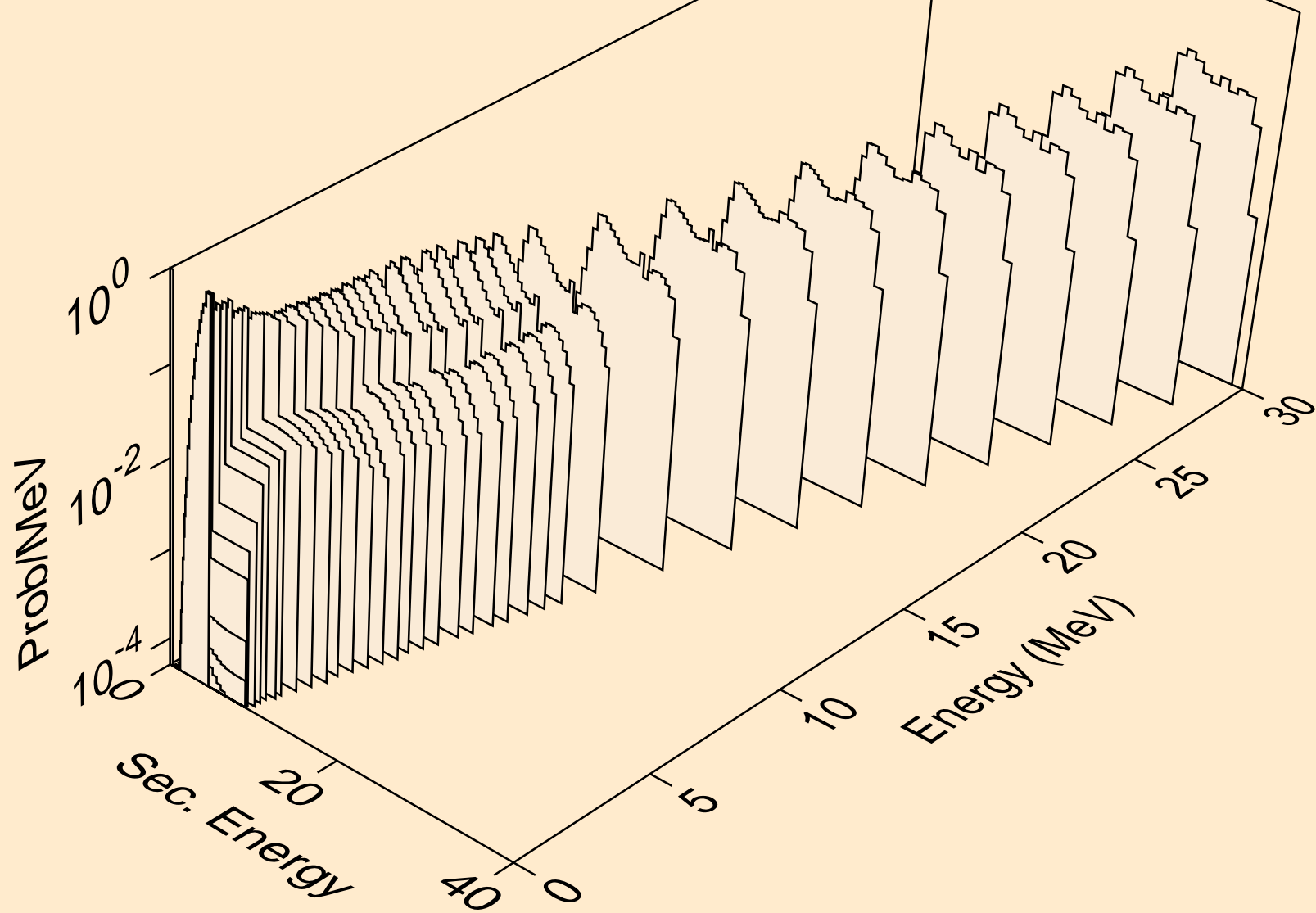
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protons from (n,n2p)



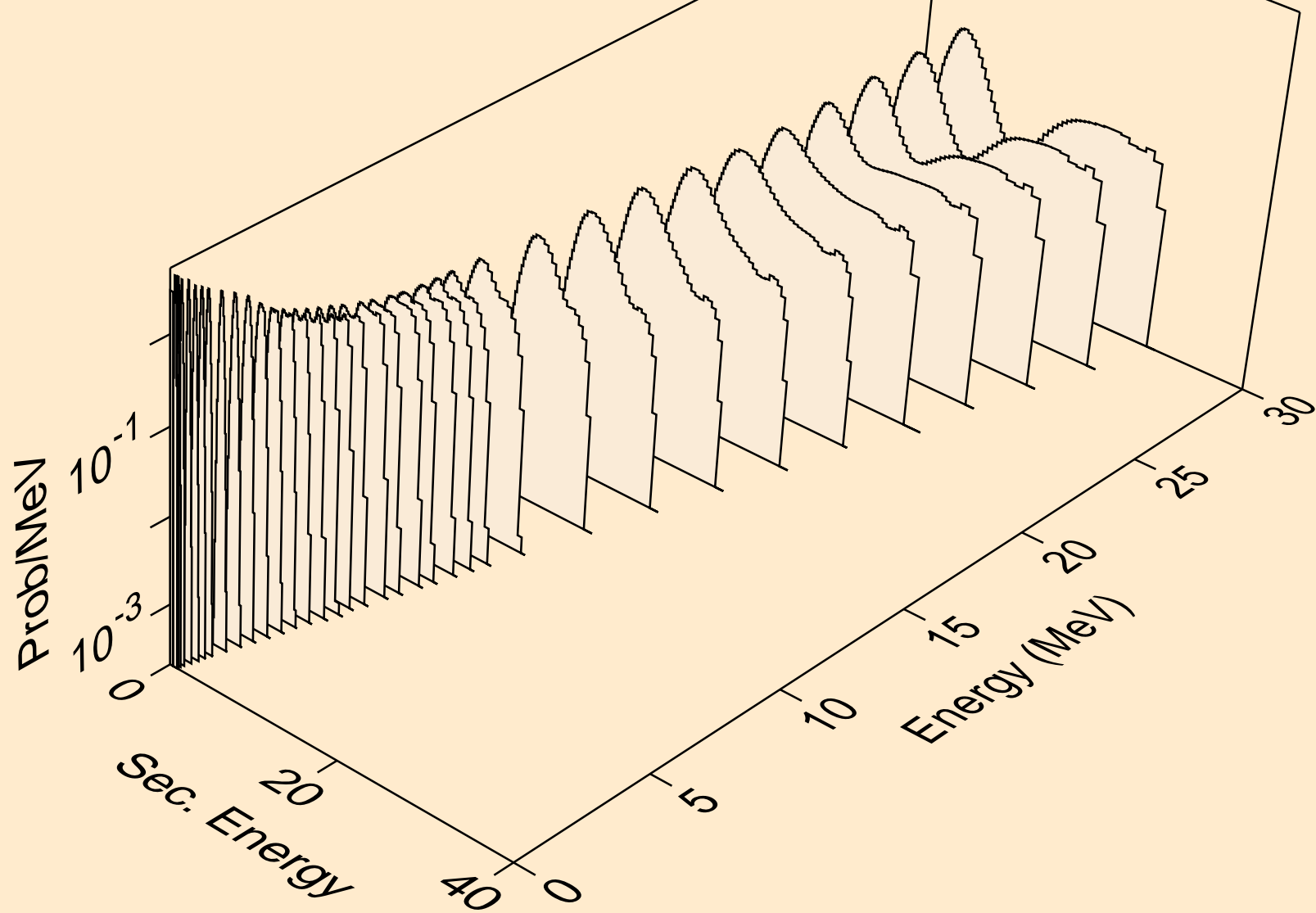
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protons from (n,npa)



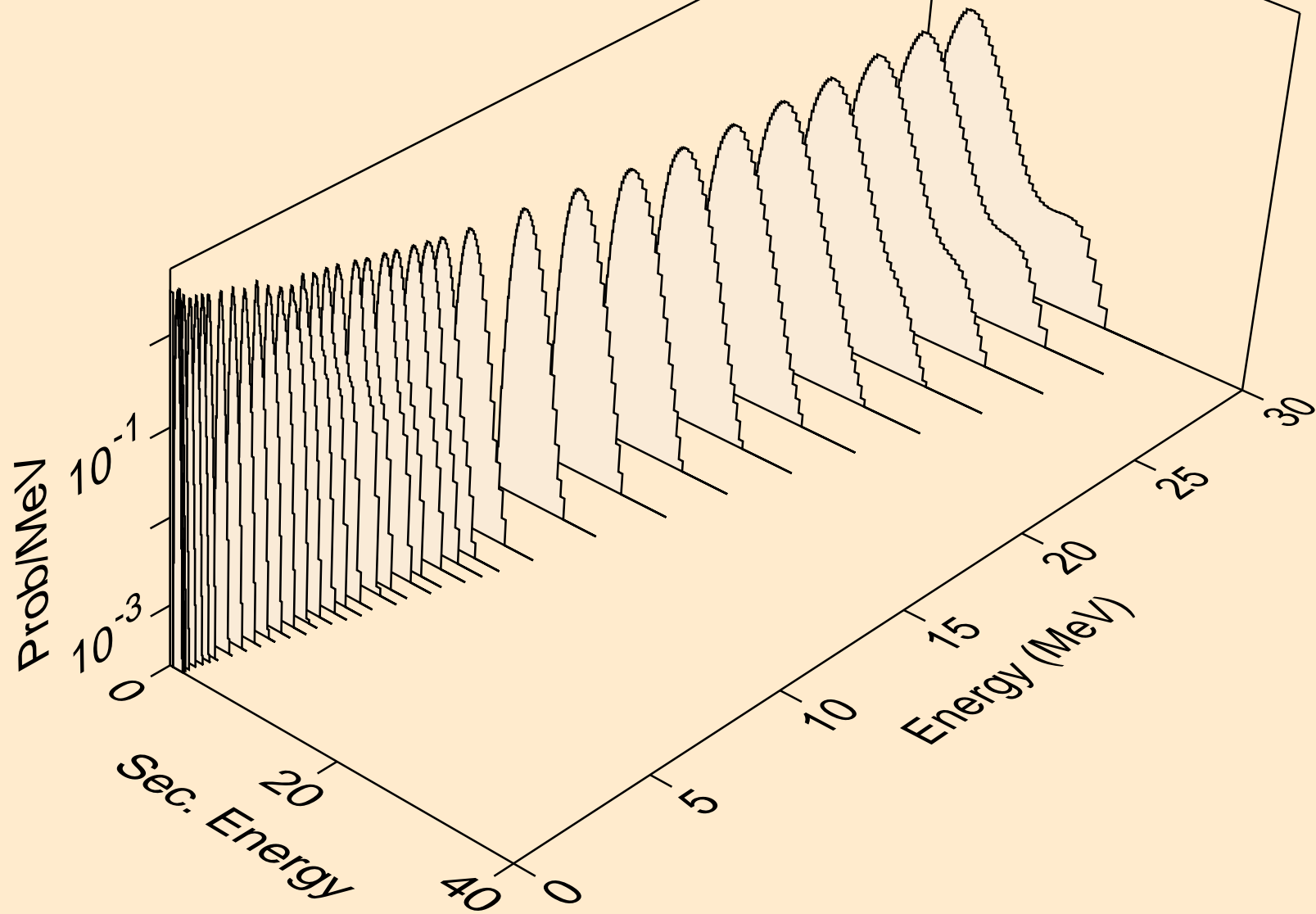
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protons from (n,p)



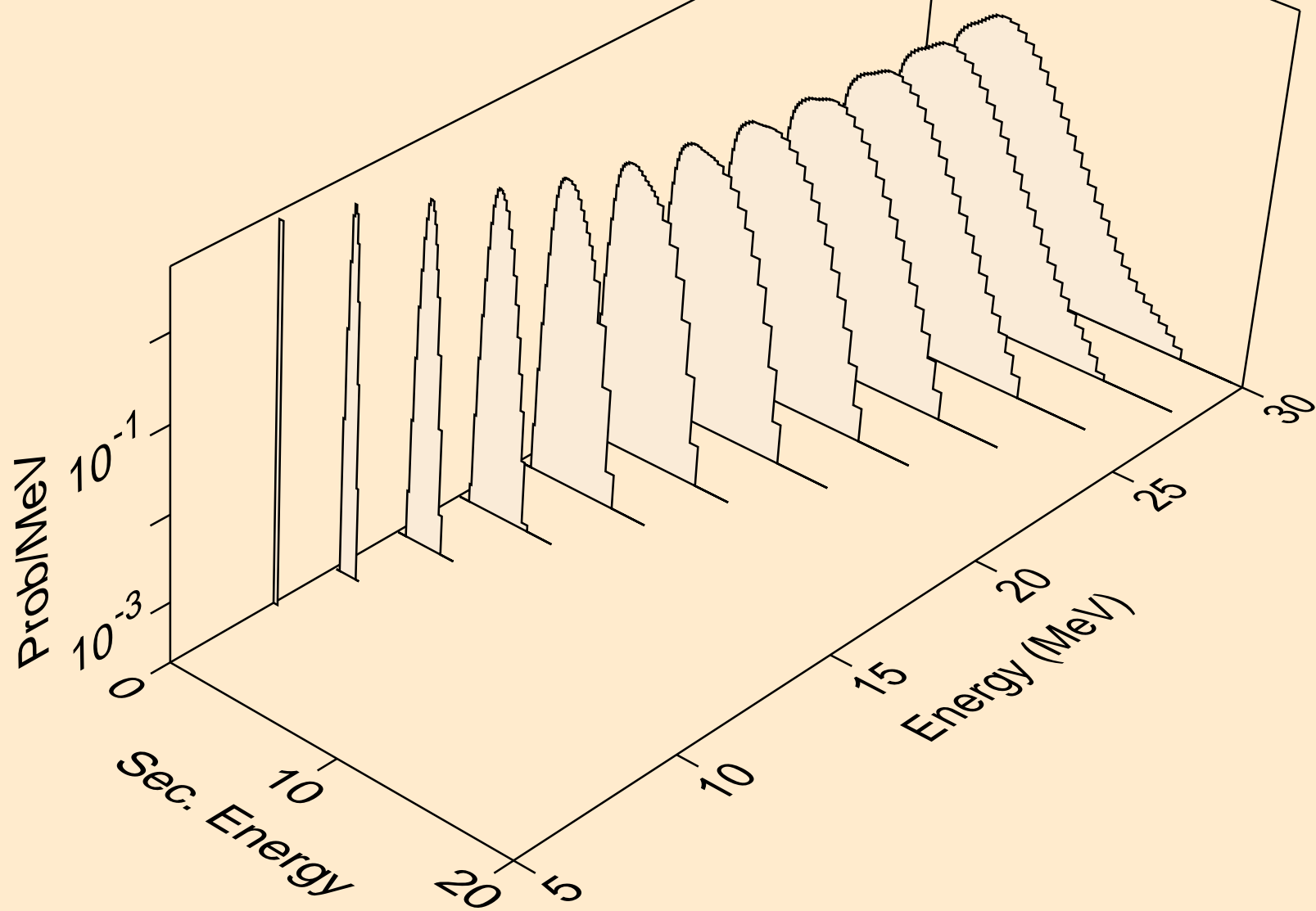
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protons from (n,2p)



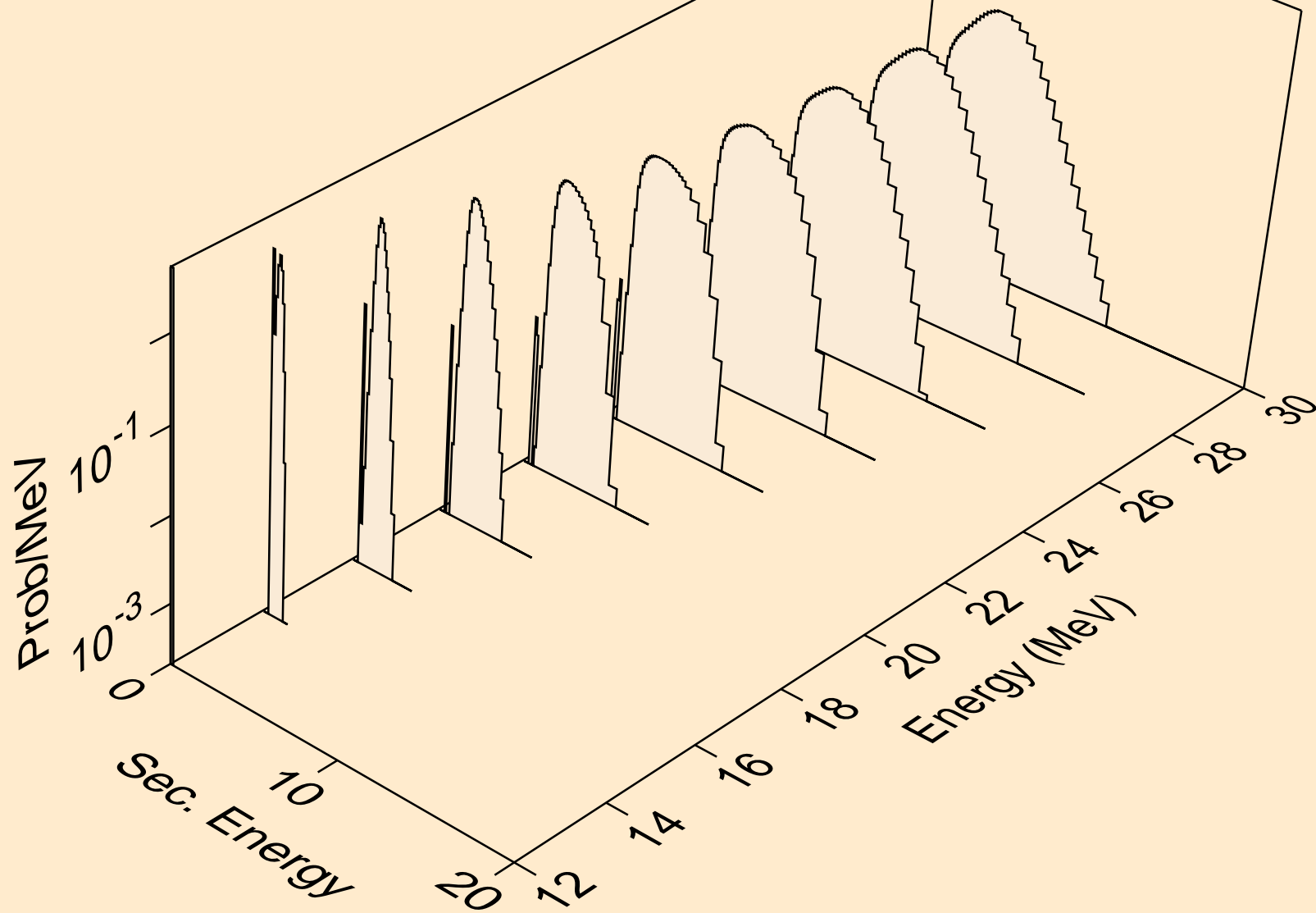
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protons from (n,p)



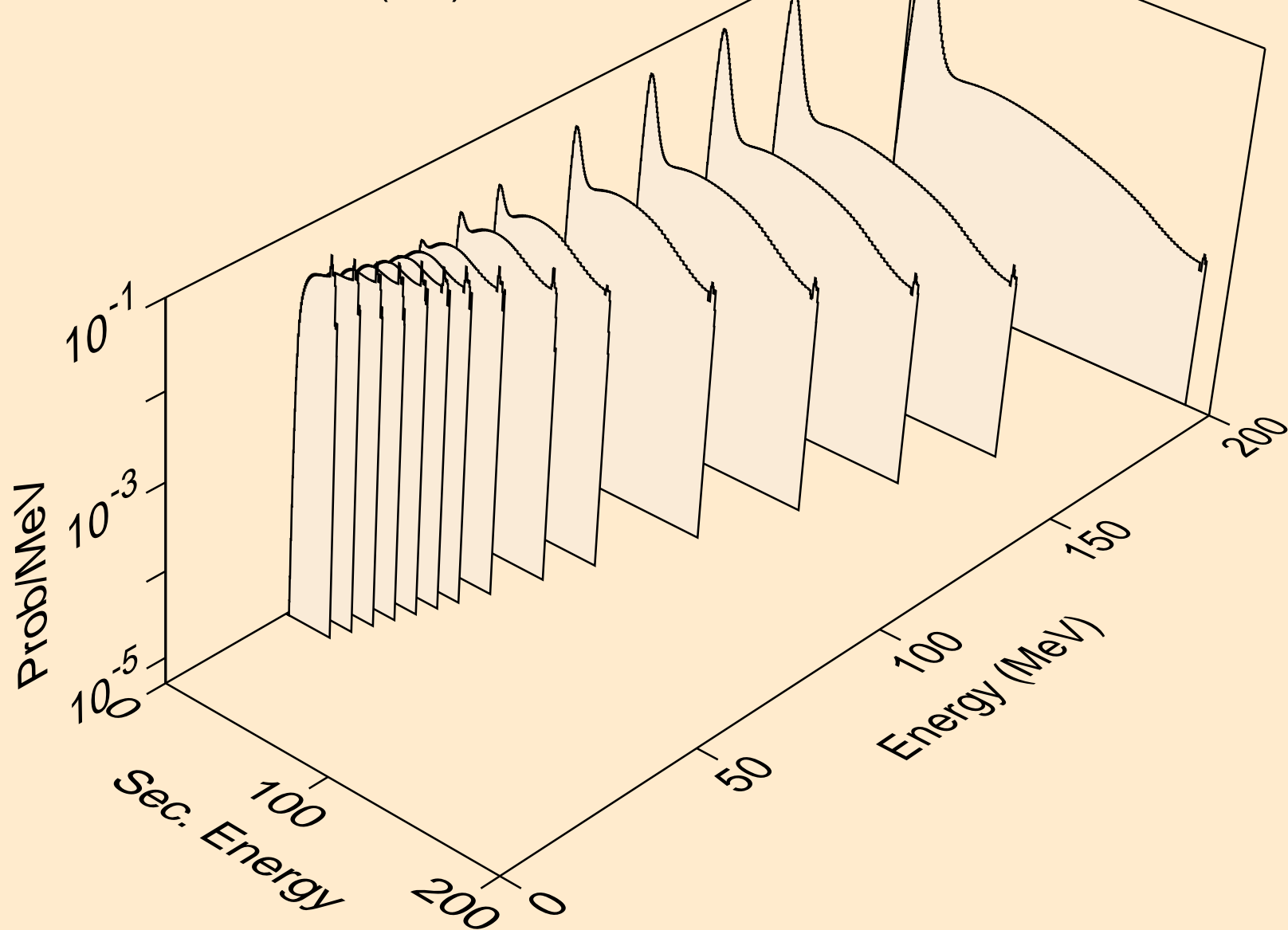
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protons from (n,pd)



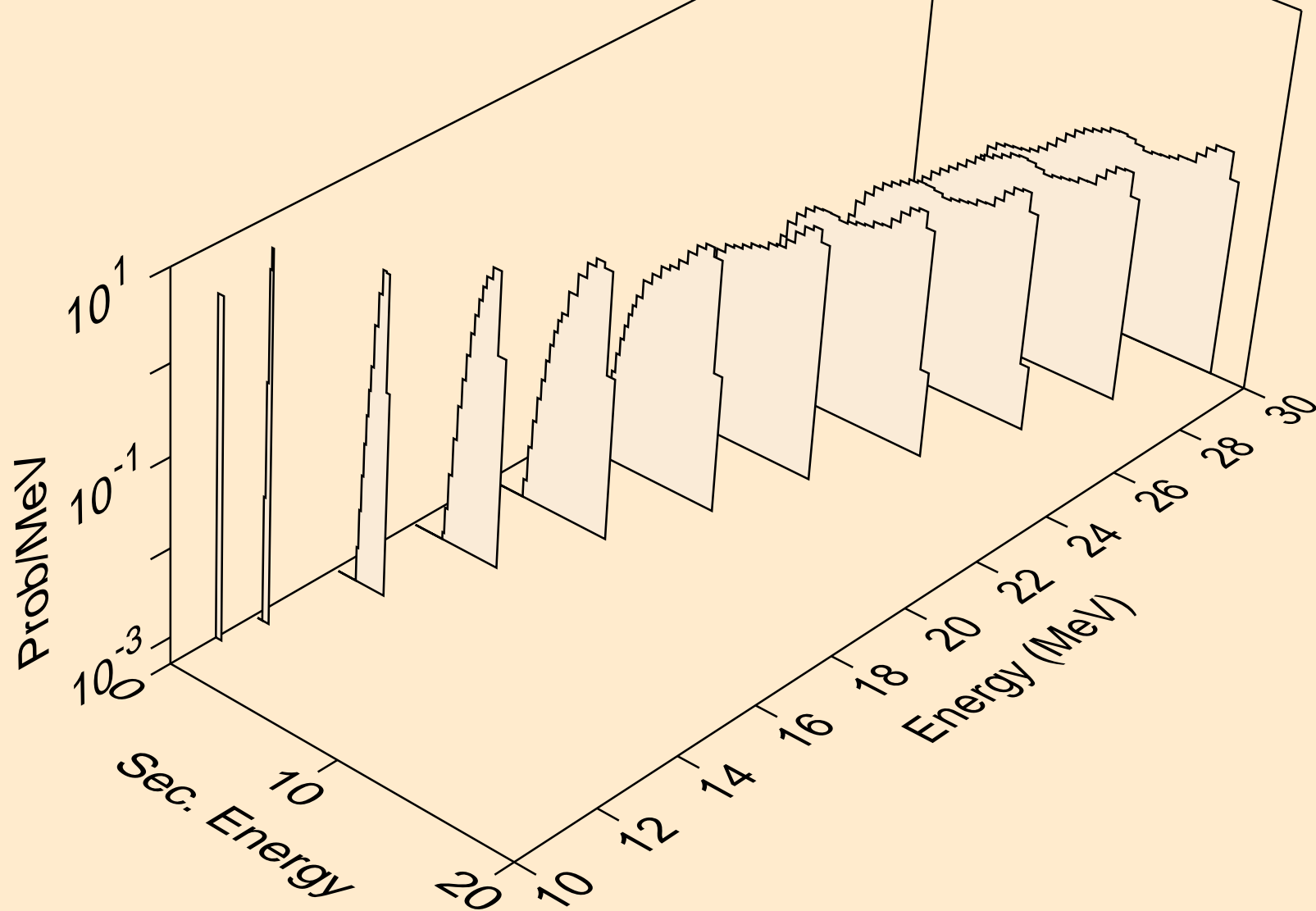
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protons from (n,pt)



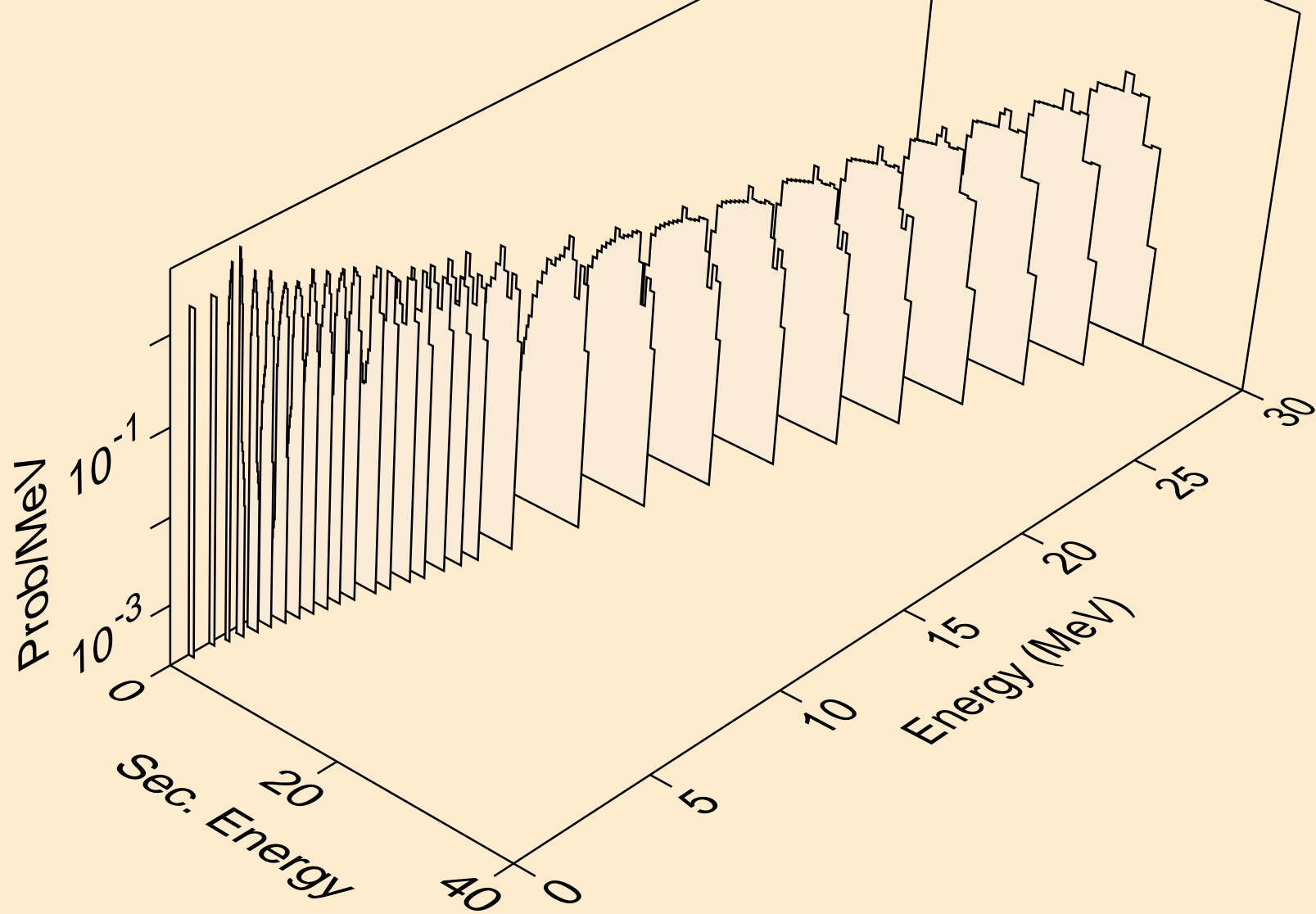
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



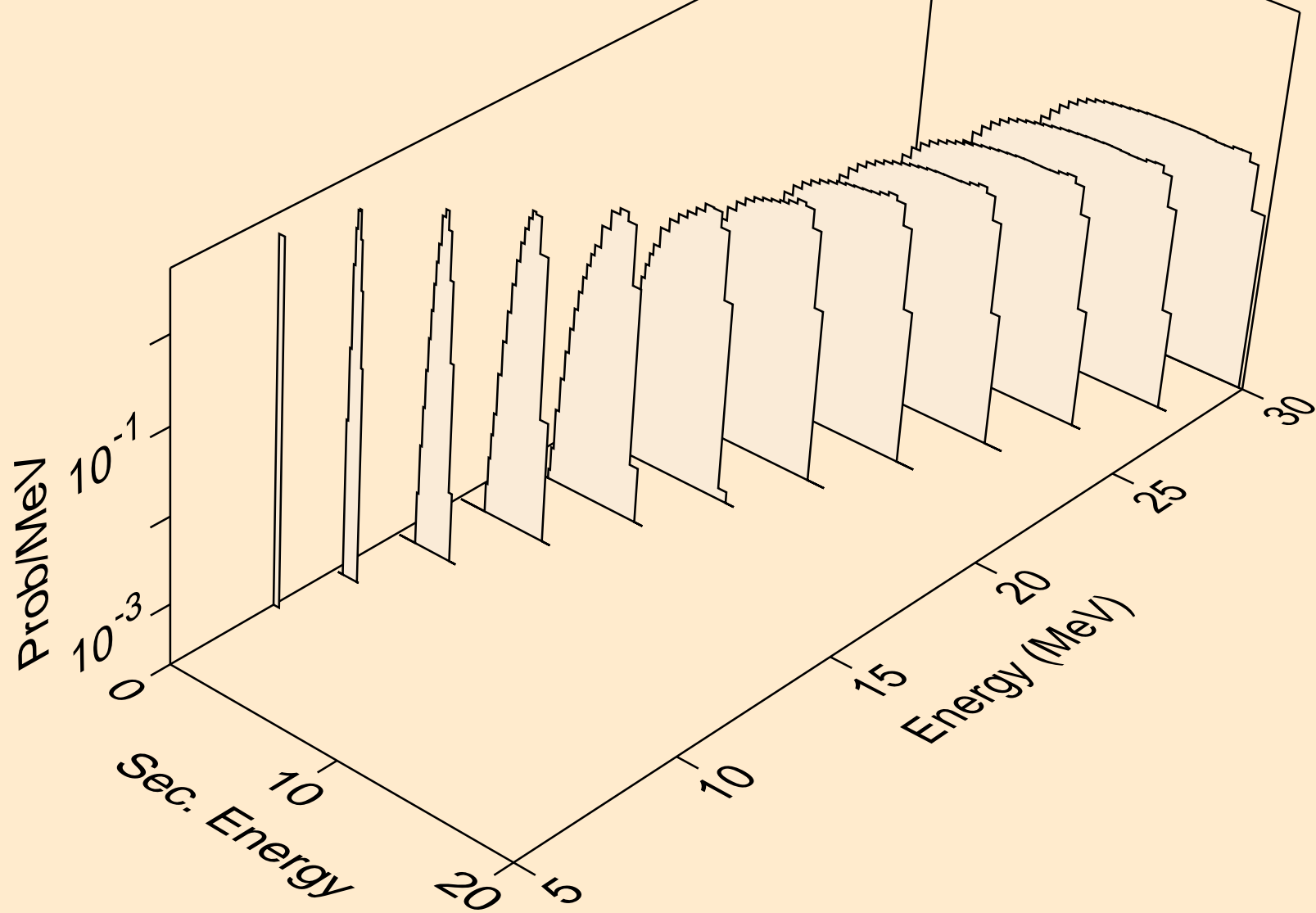
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



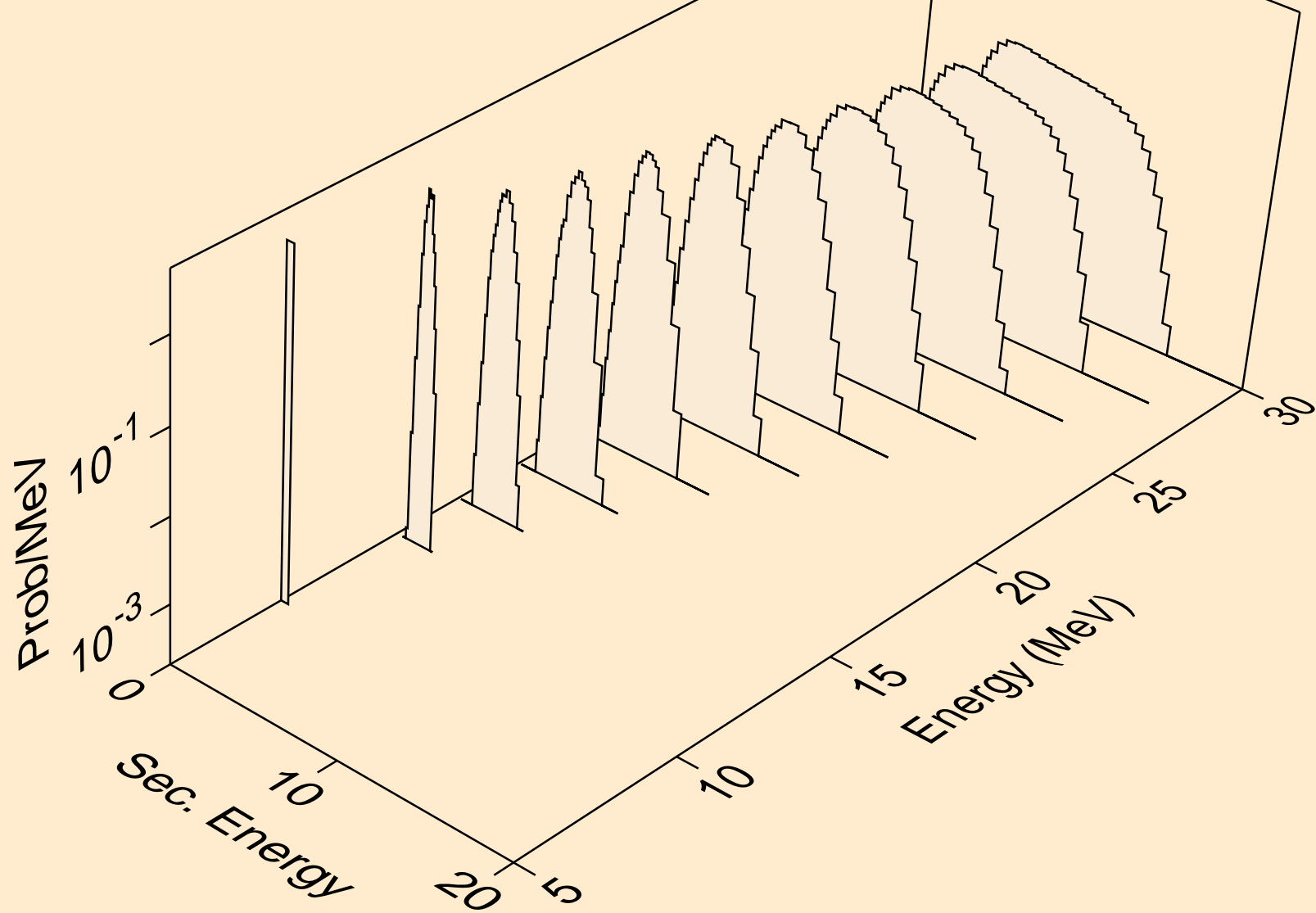
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deuterons from (n,d)



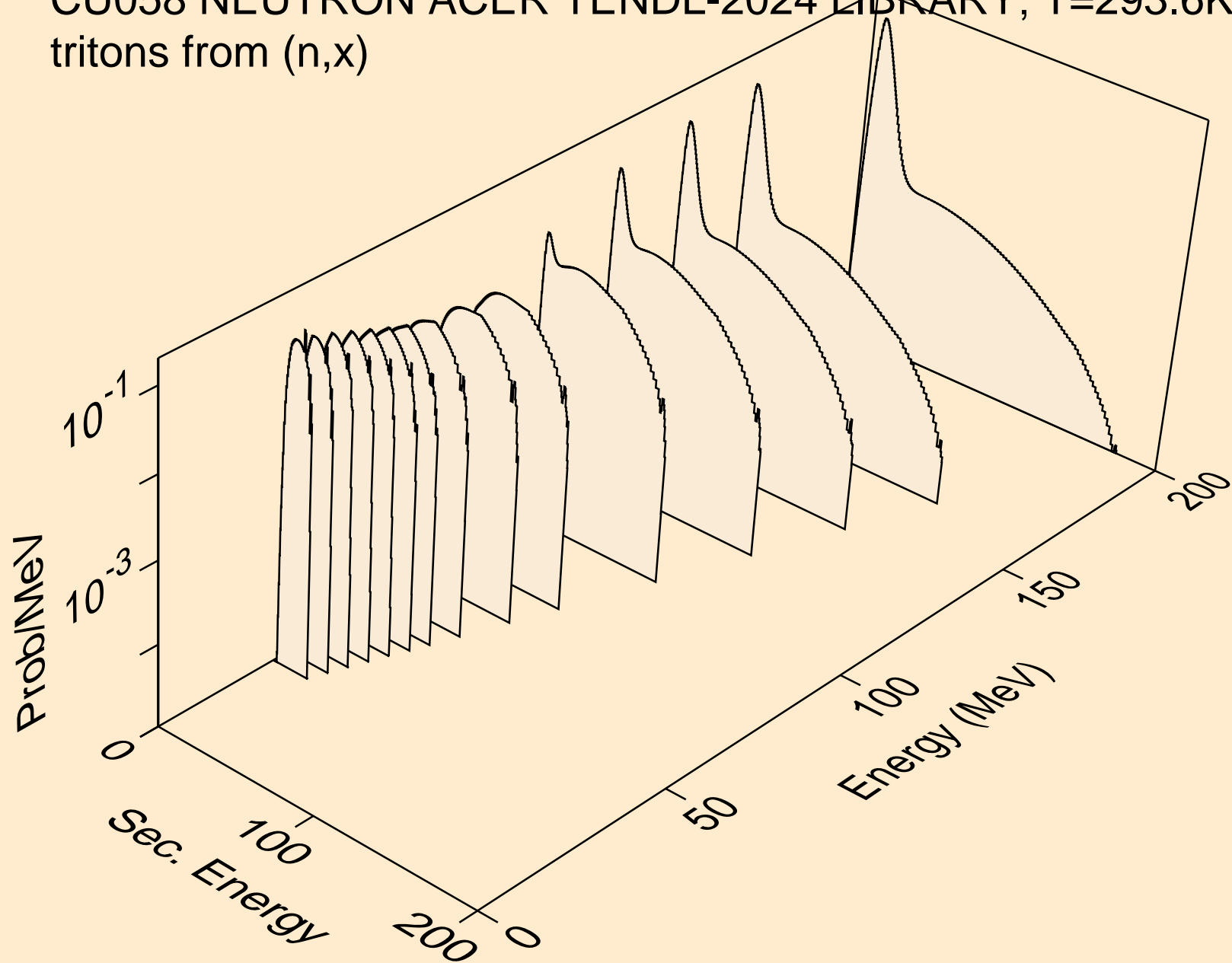
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deuterons from (n,pd)



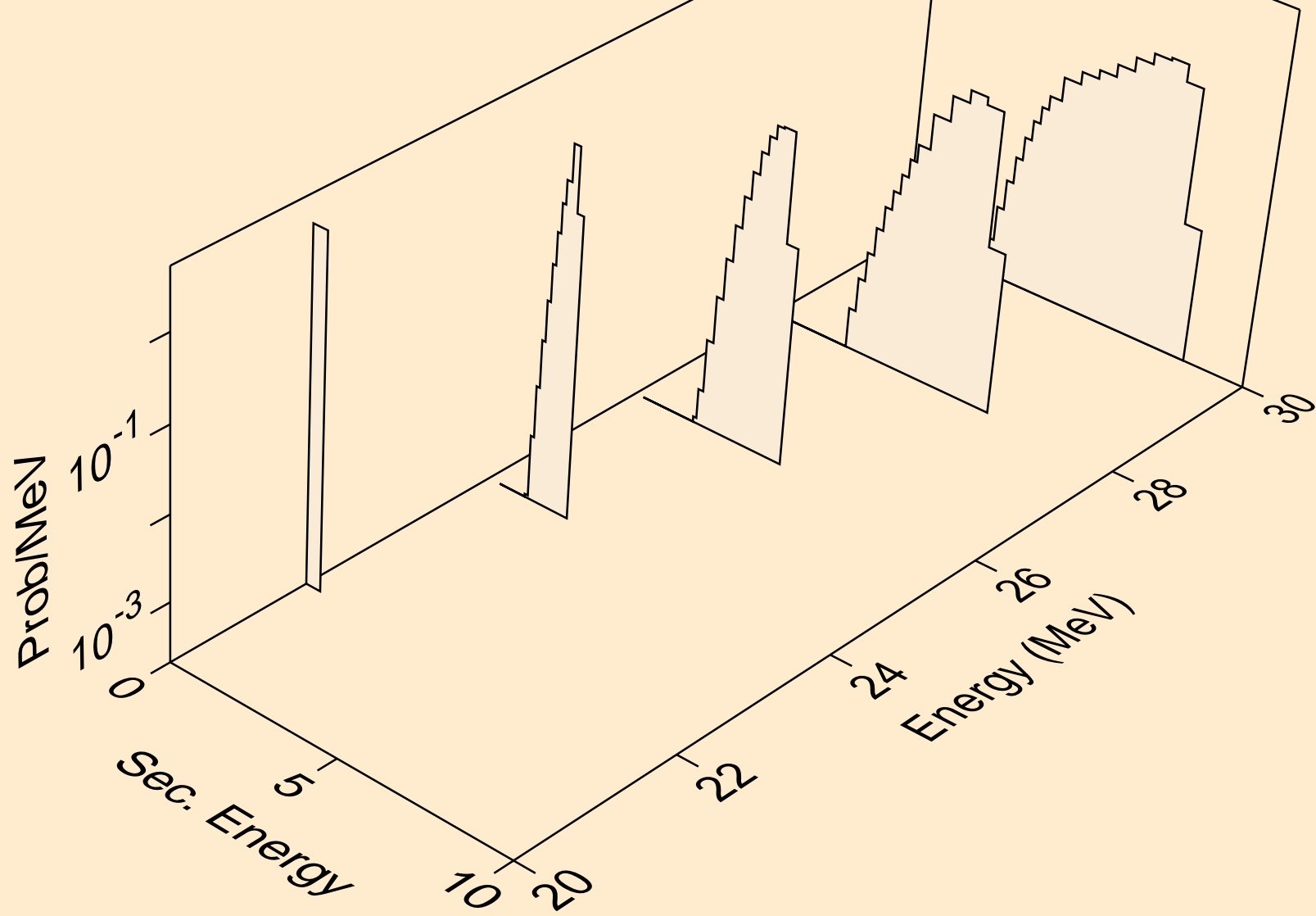
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deuterons from (n,da)



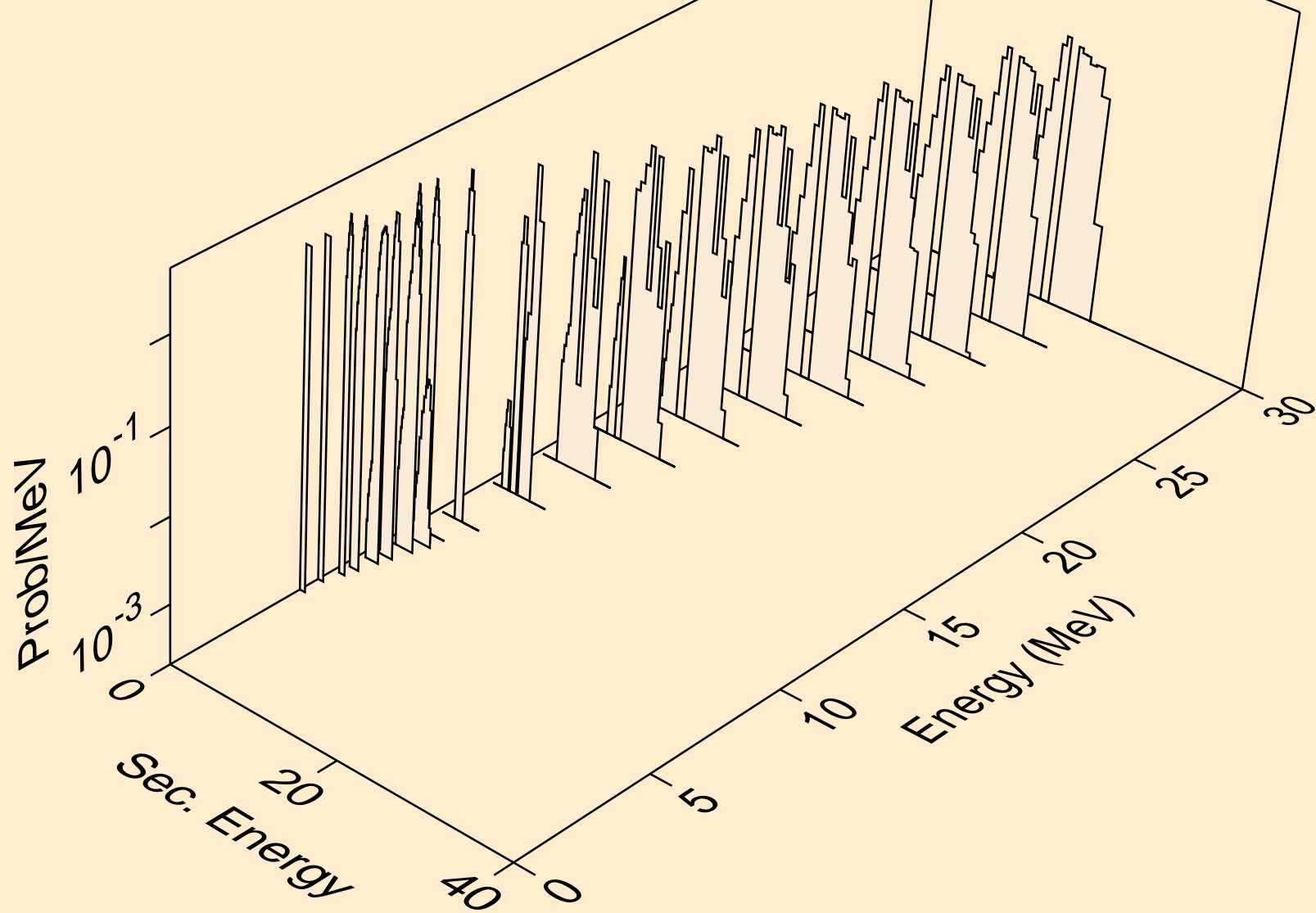
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



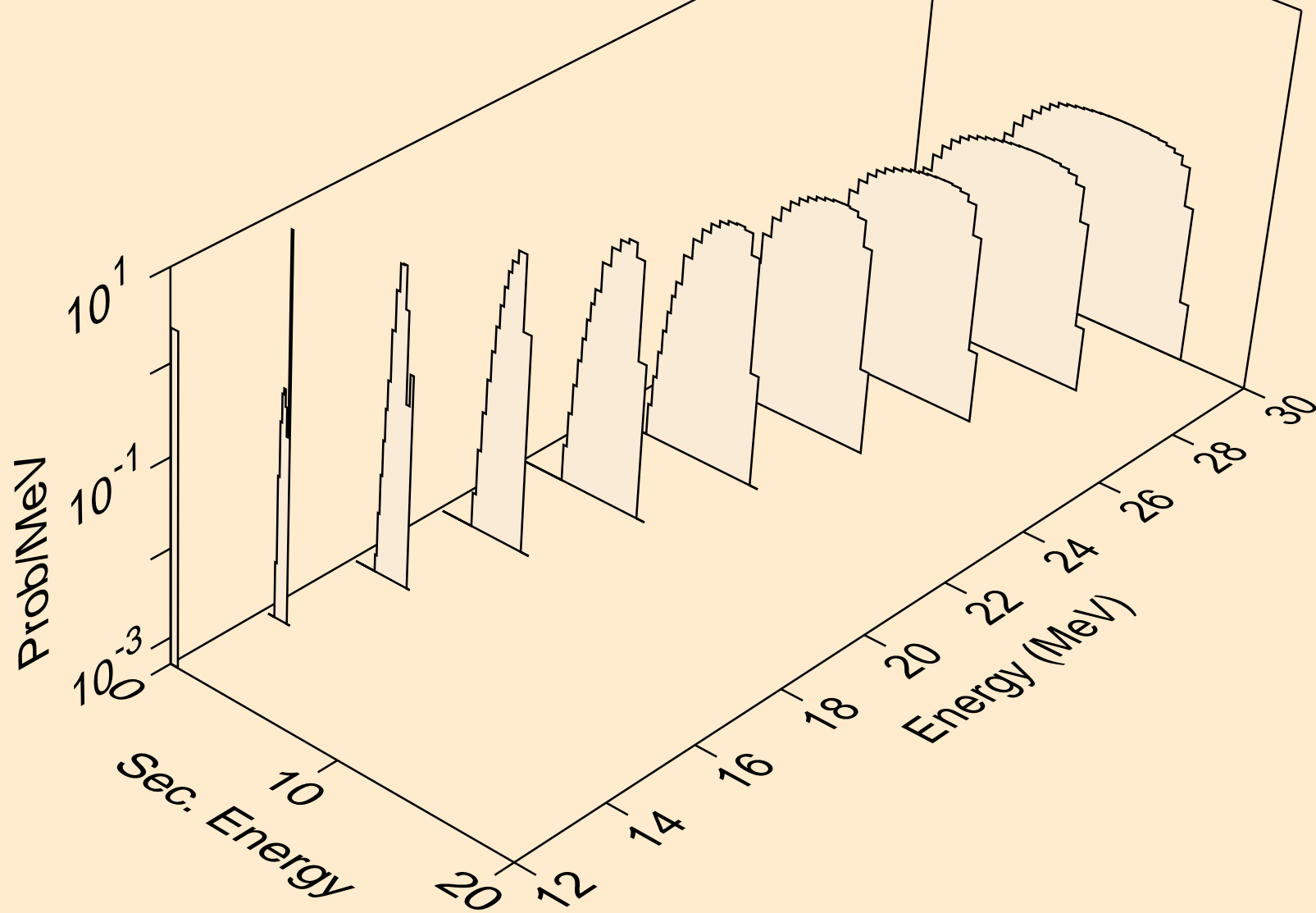
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



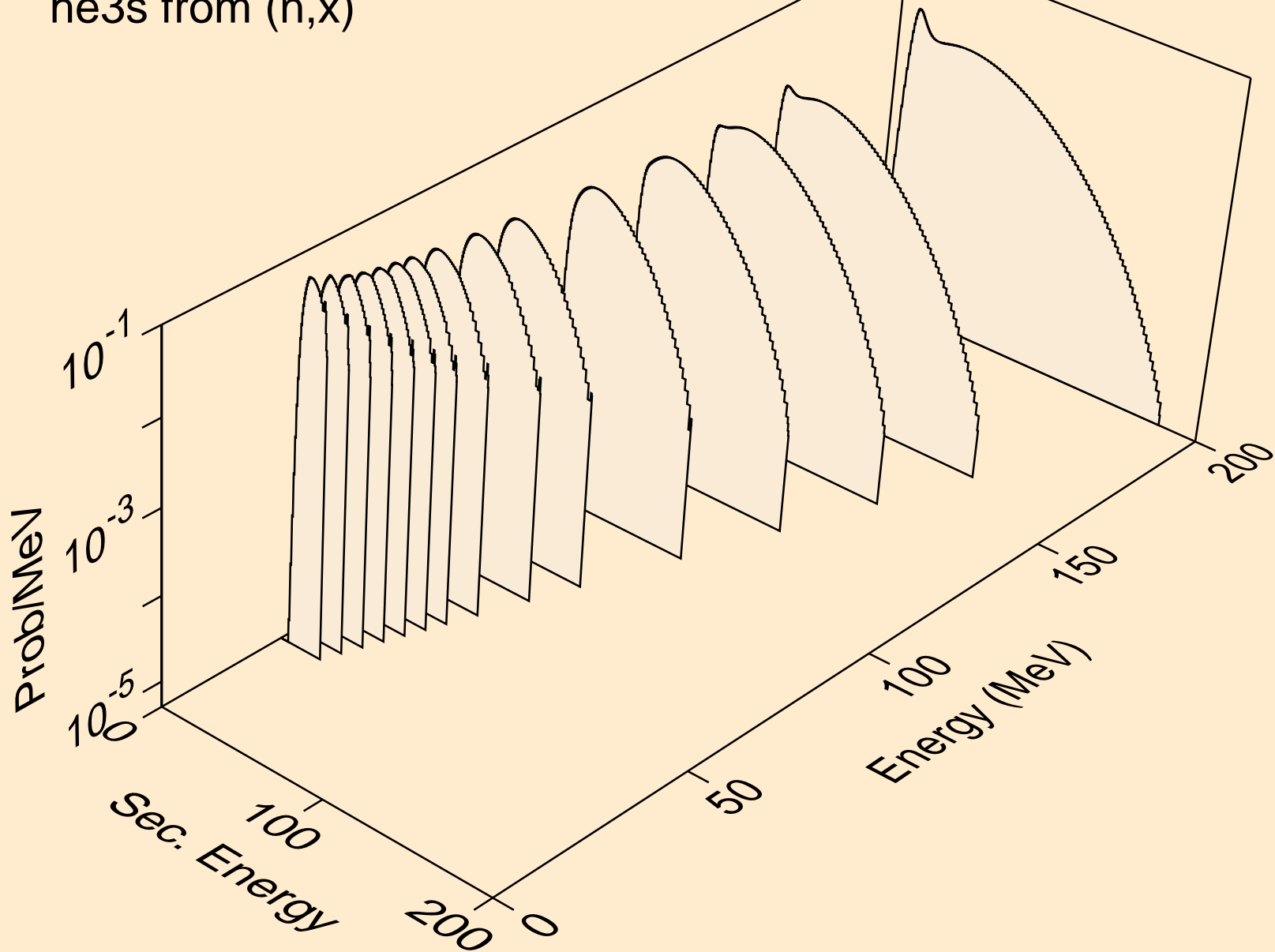
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tritons from (n,t)



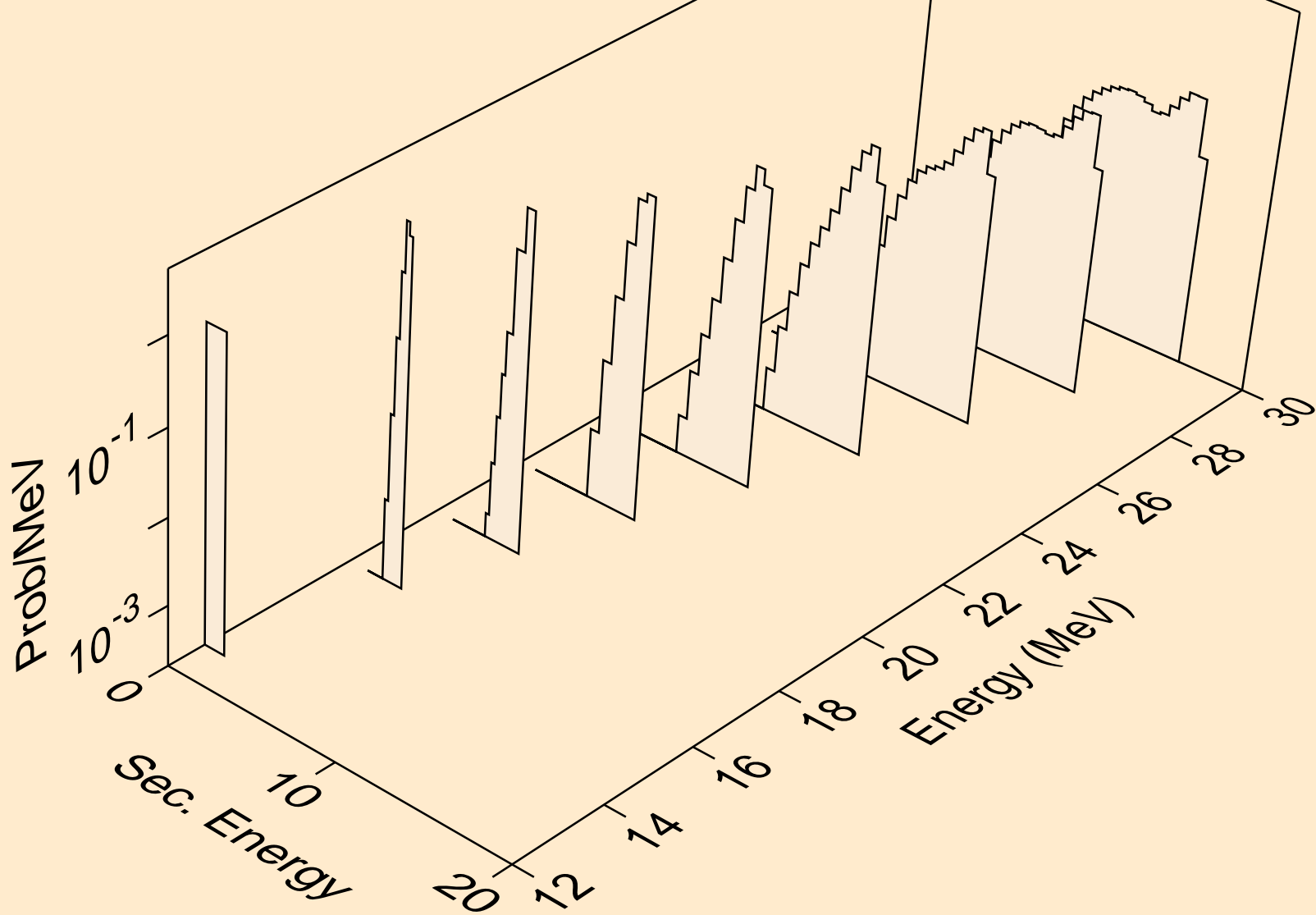
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tritons from (n,pt)



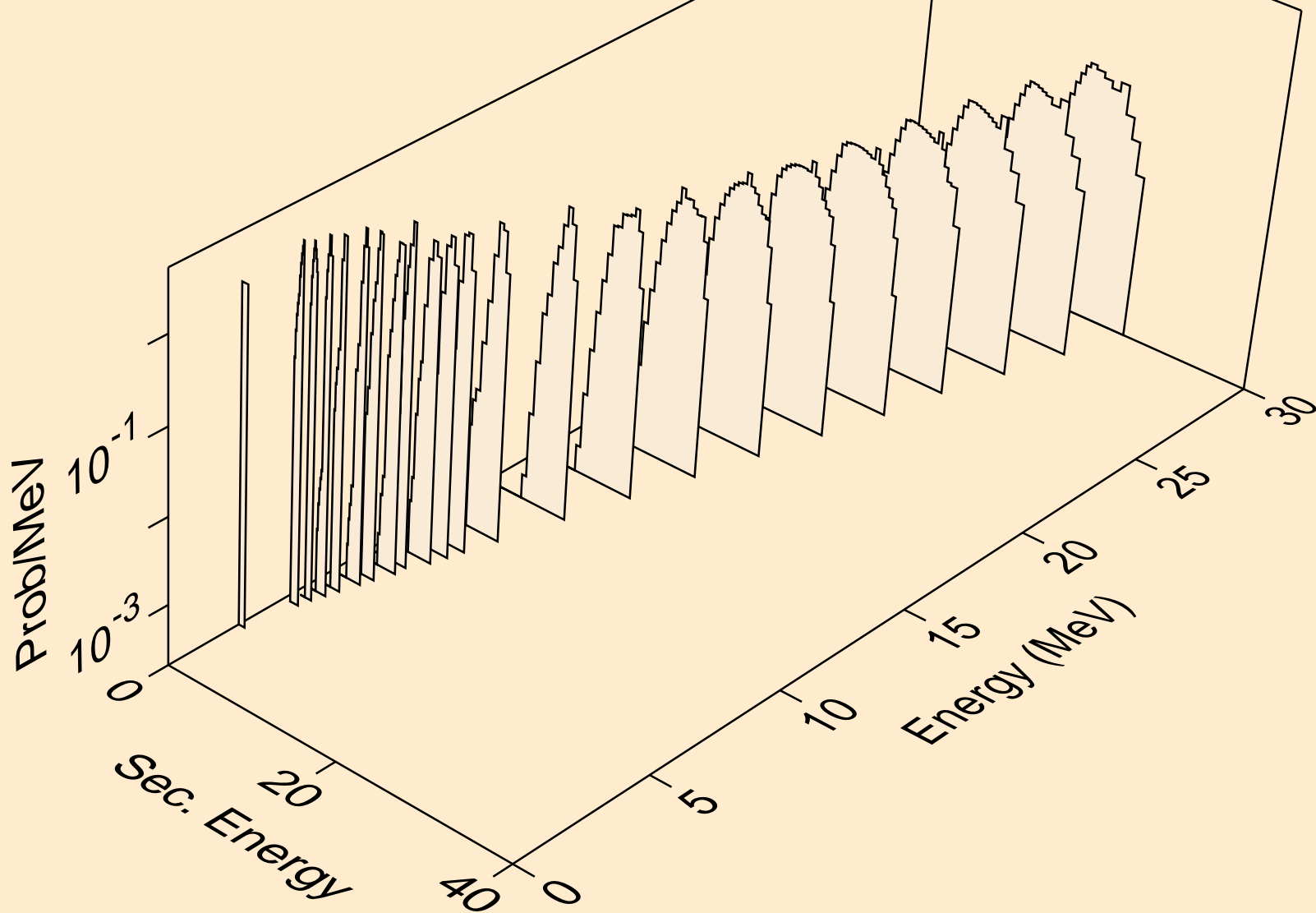
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he3s from (n,x)



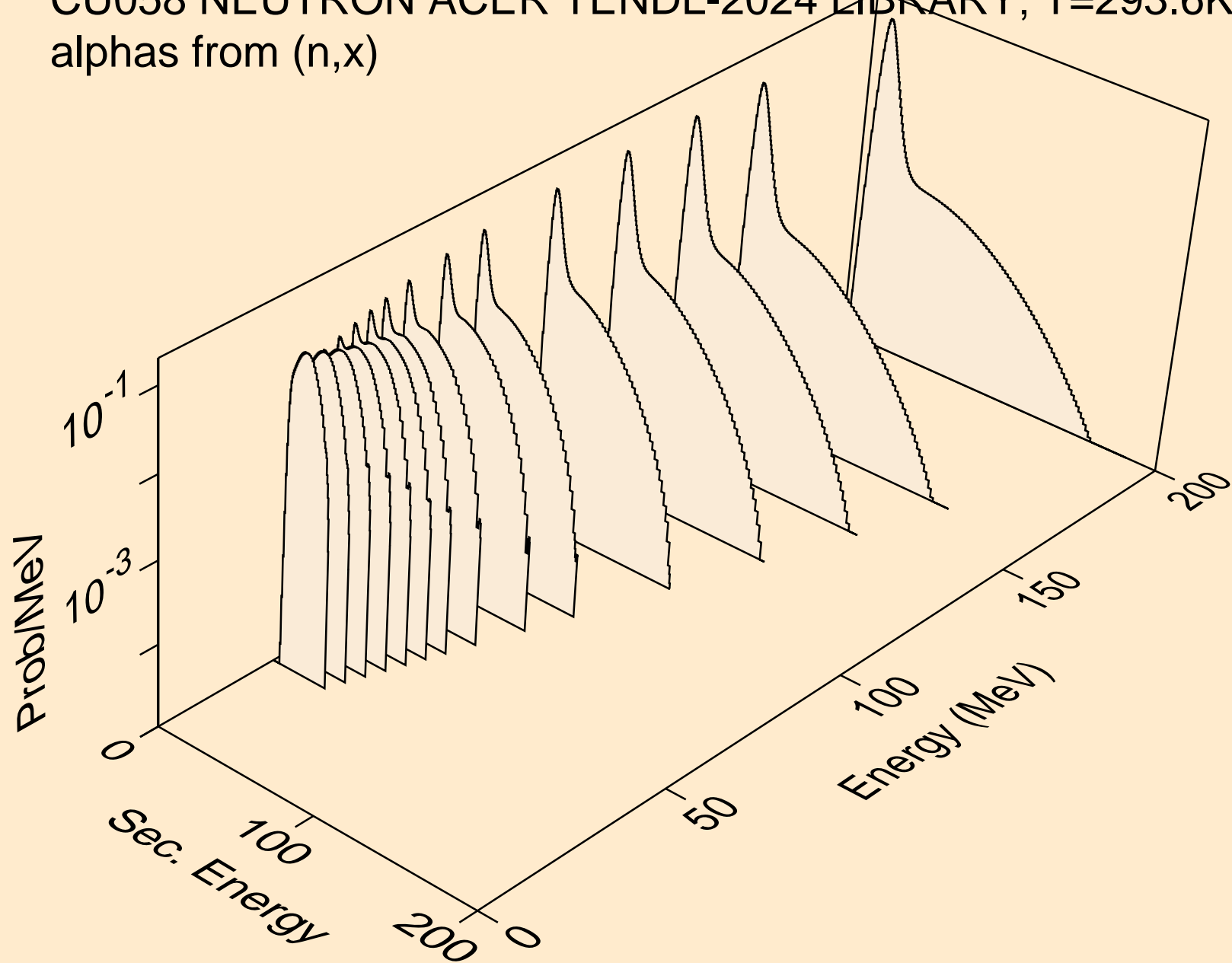
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he3s from (n,n*)he3



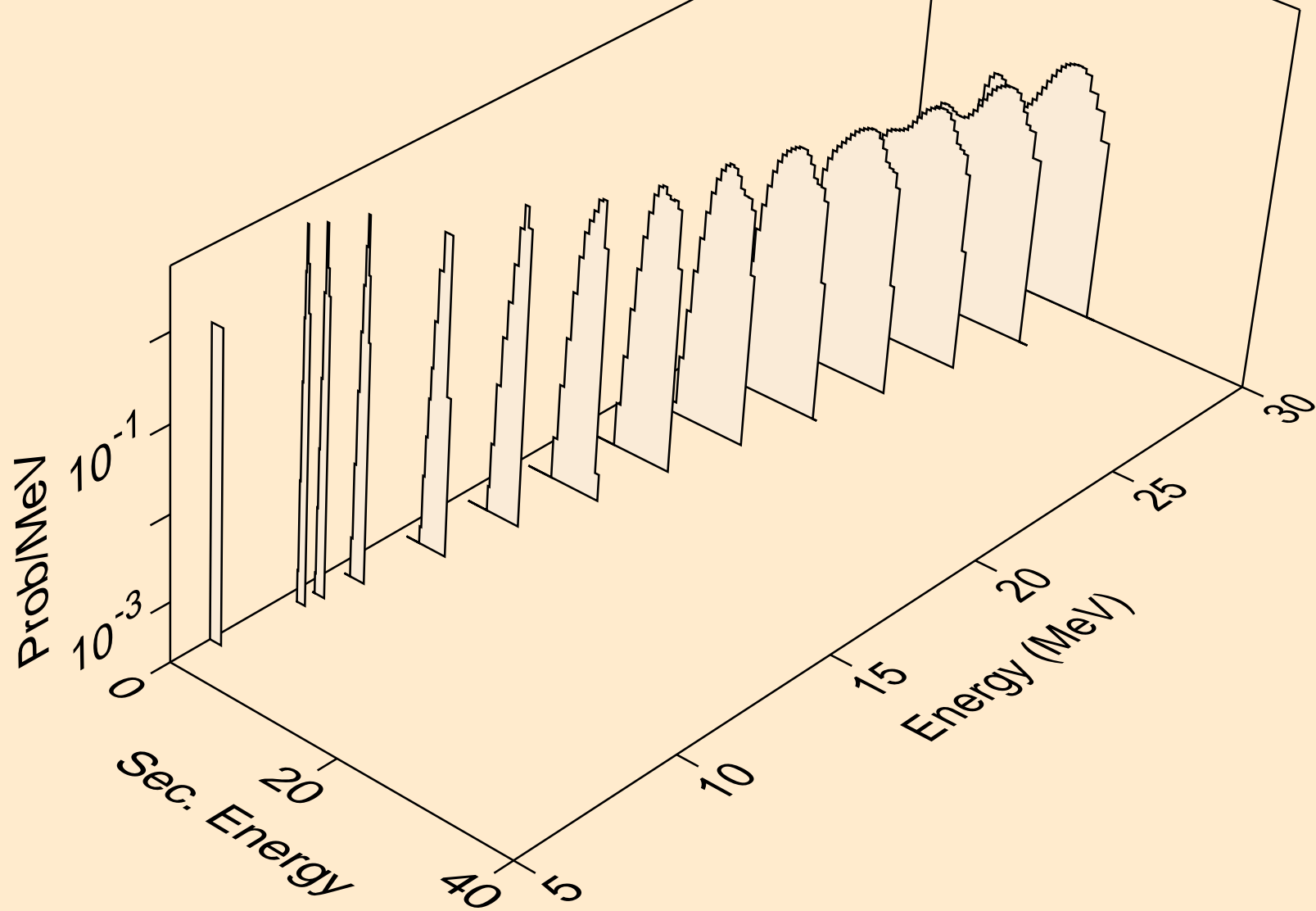
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he3s from (n,he3)



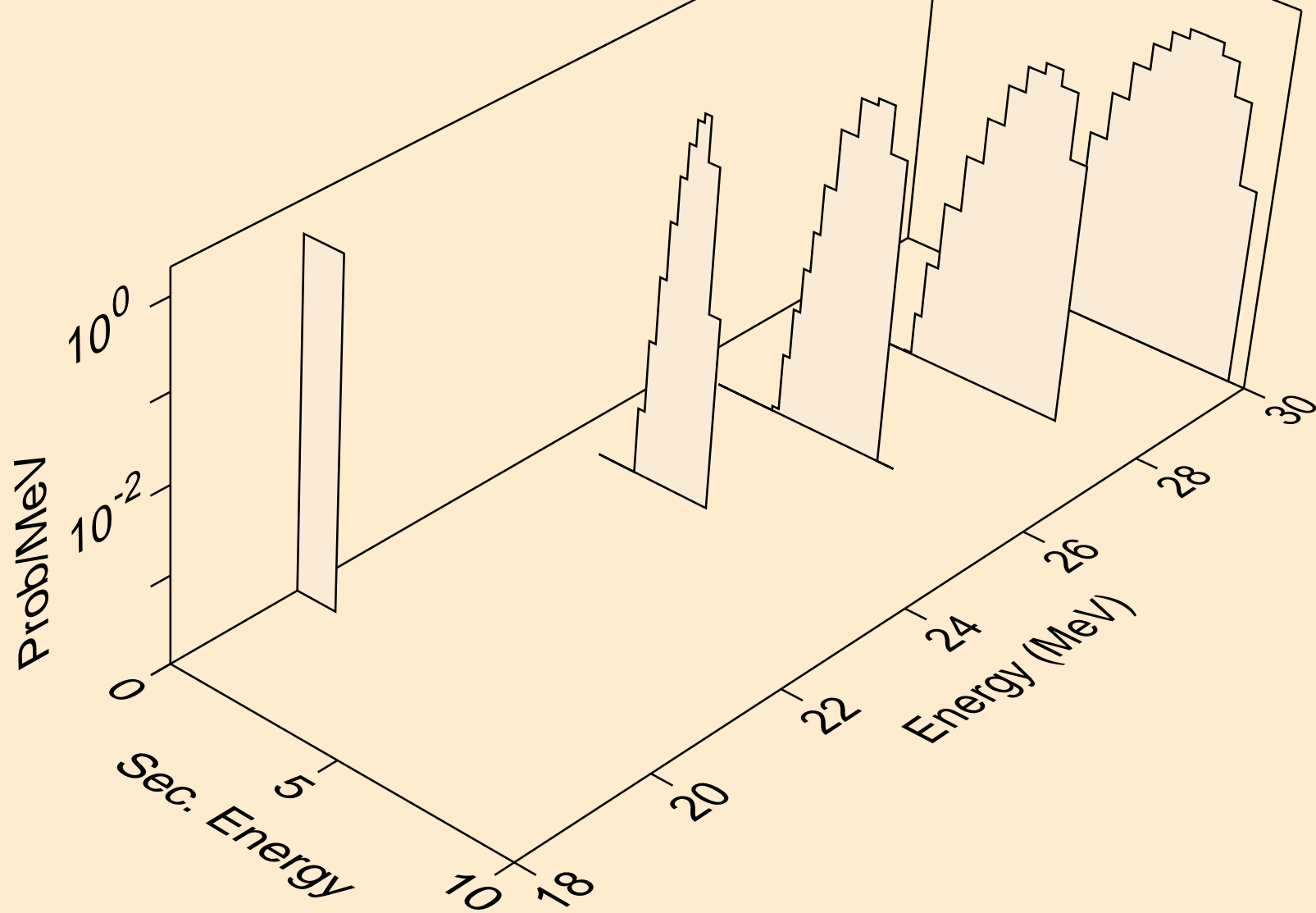
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alphas from (n,x)



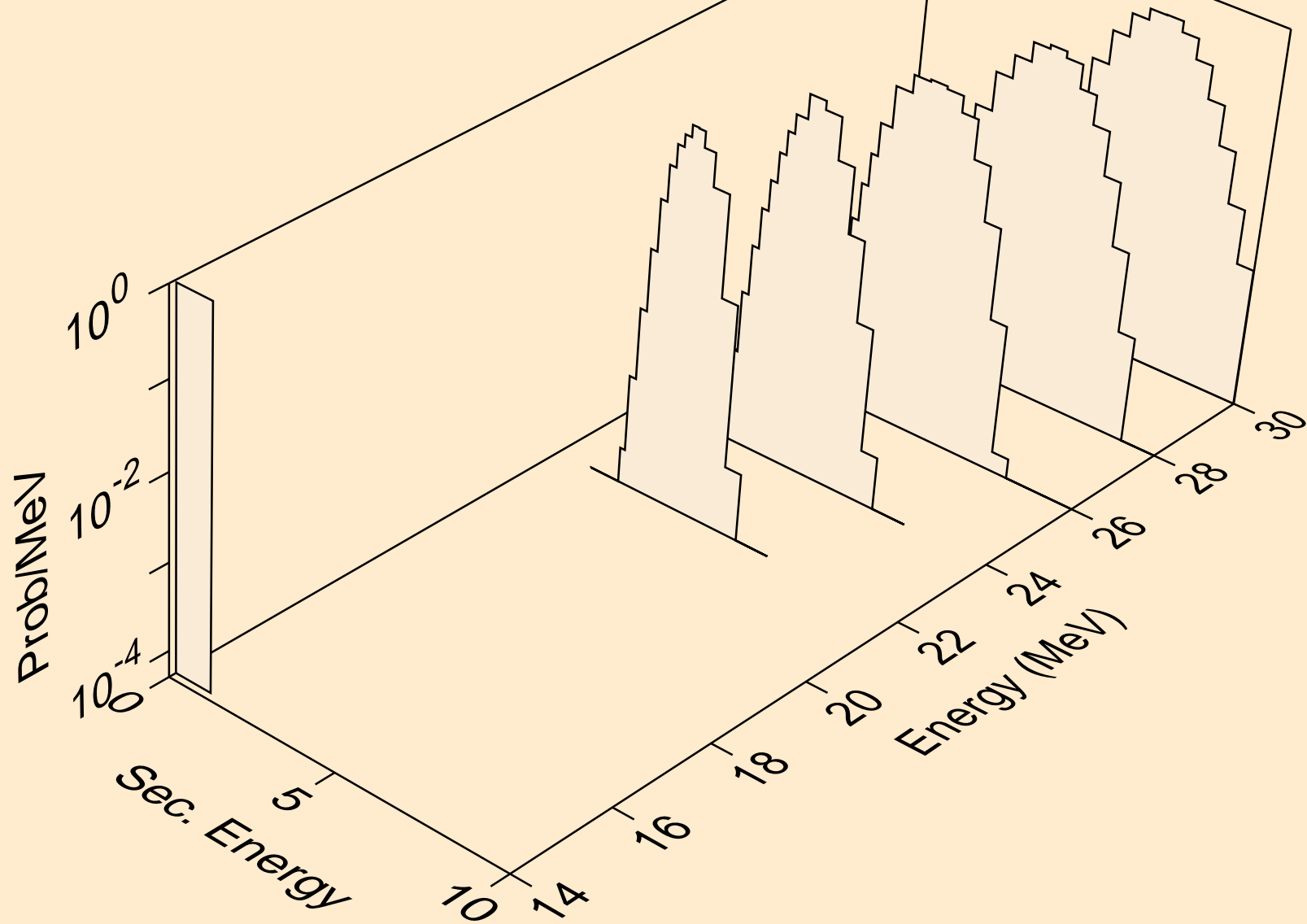
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



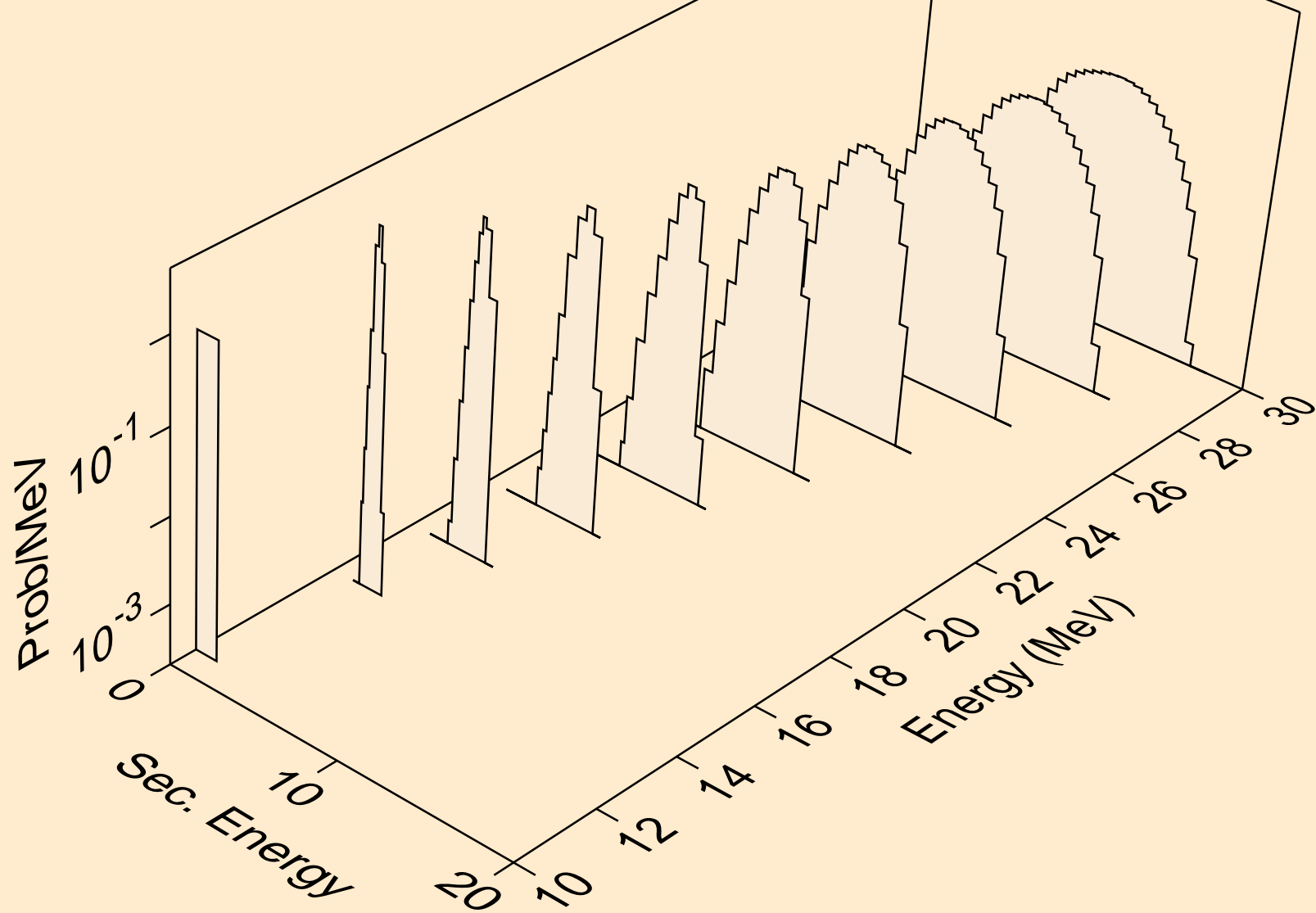
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alphas from (n,2n)a



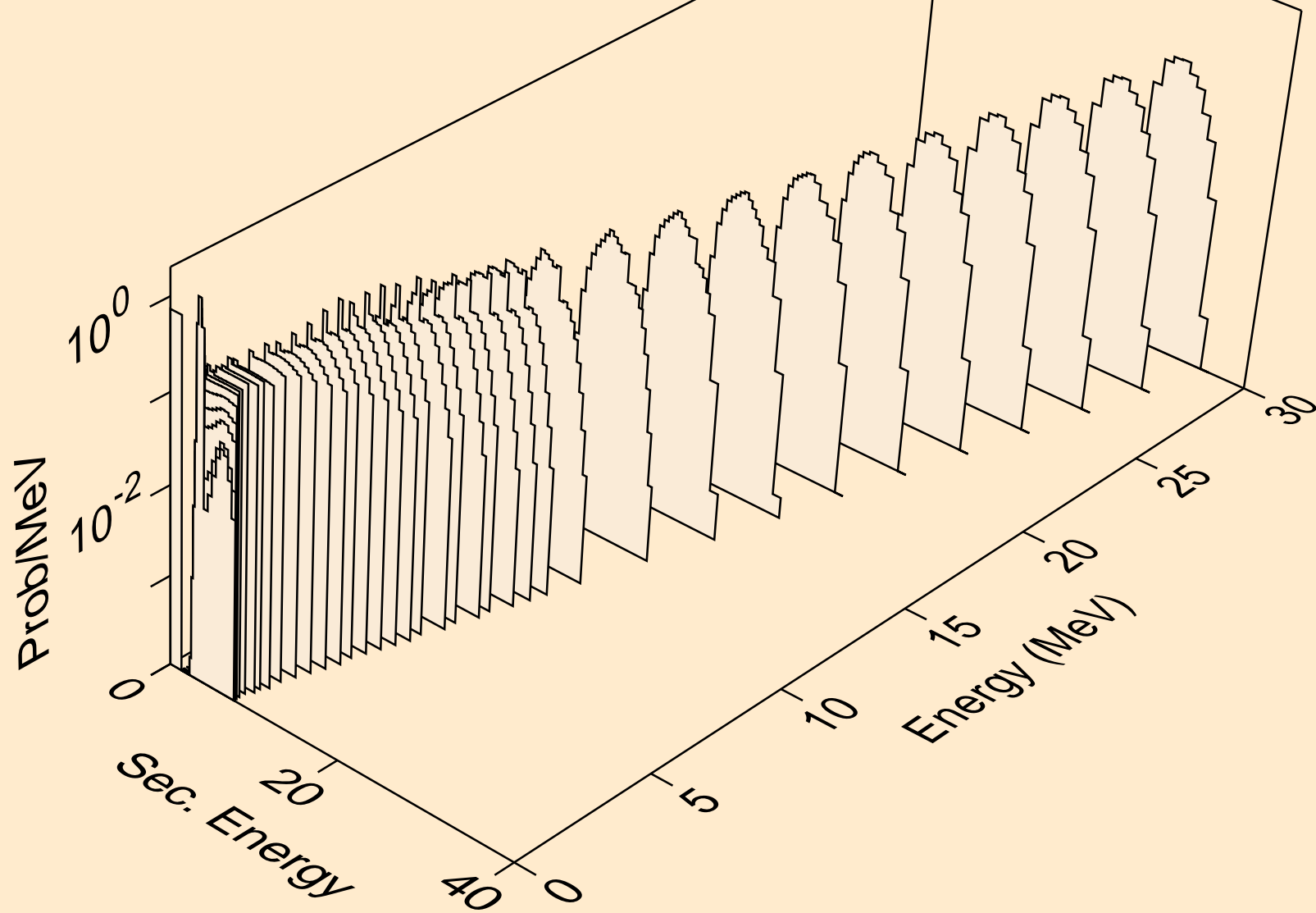
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alphas from (n,n*)2a



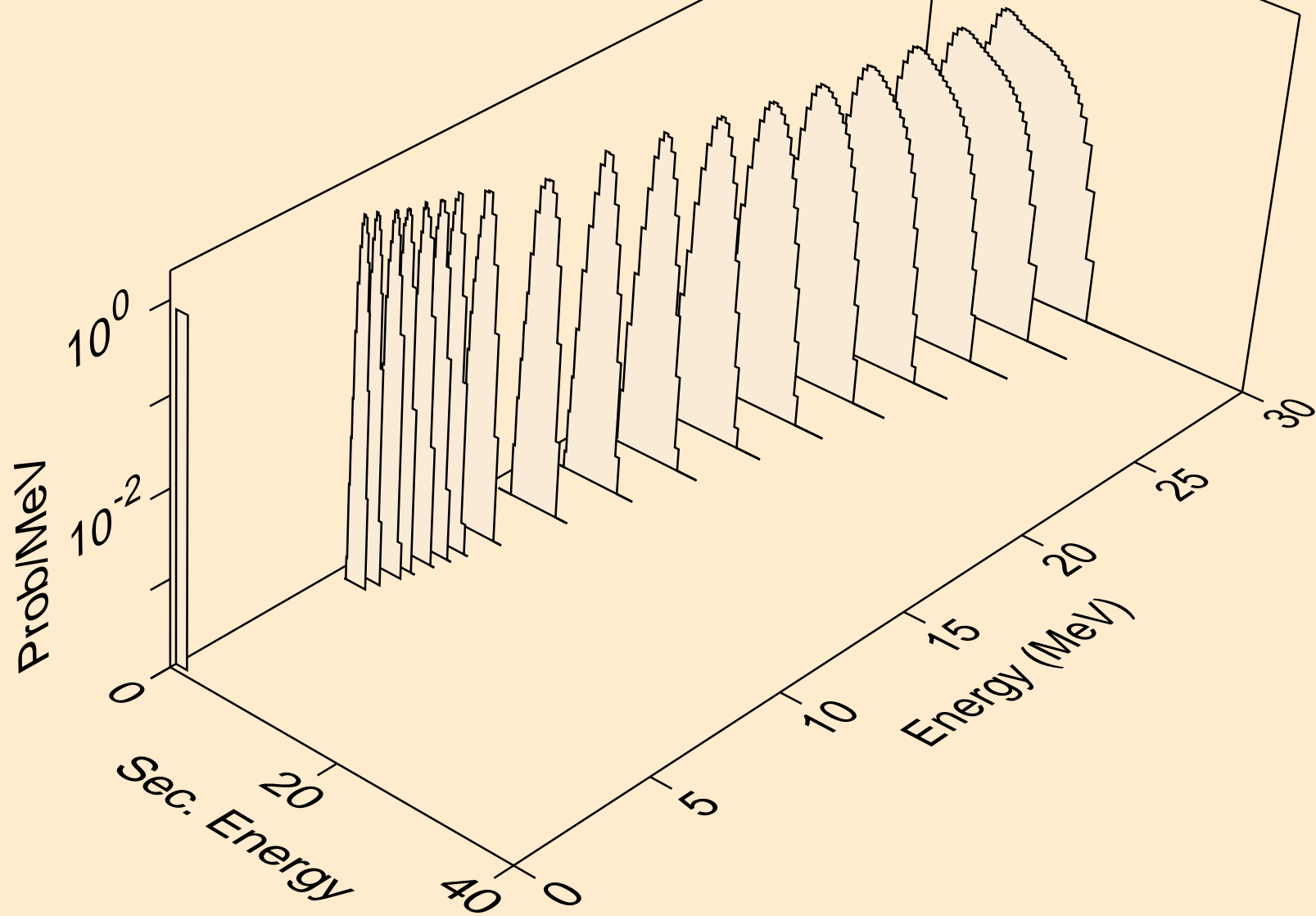
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alphas from (n,npa)



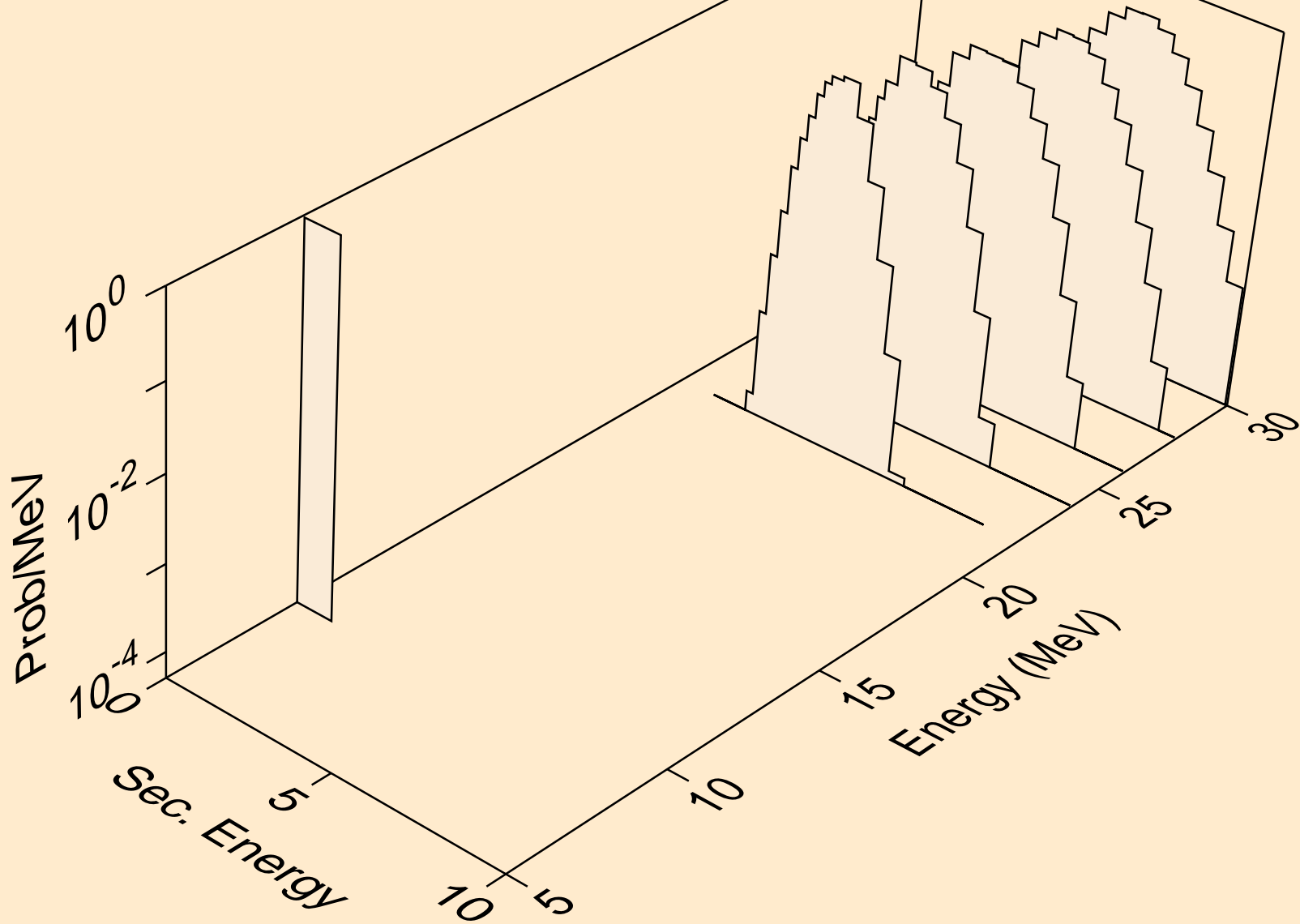
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alphas from (n,a)



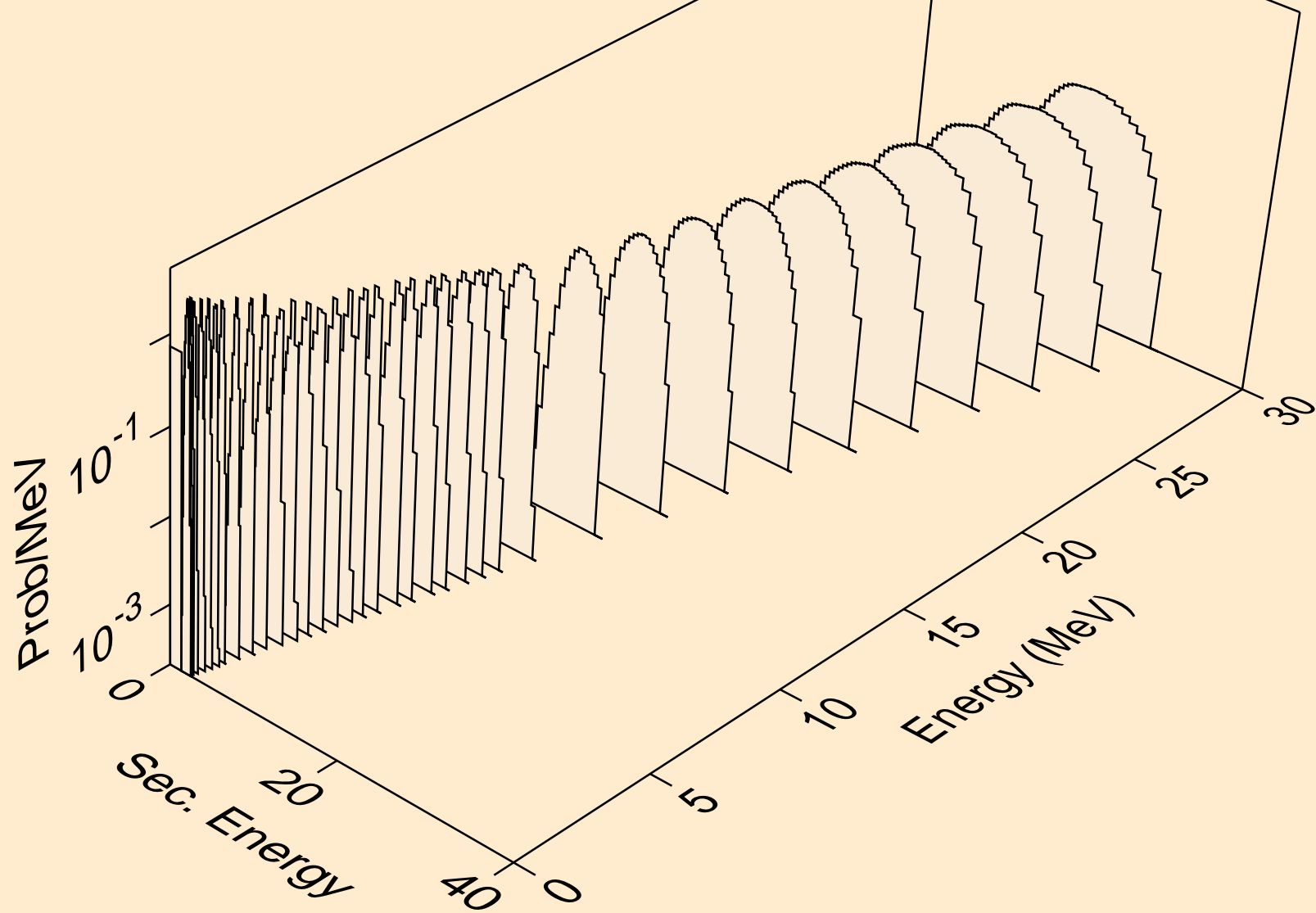
CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3a)



CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)



CU058 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

