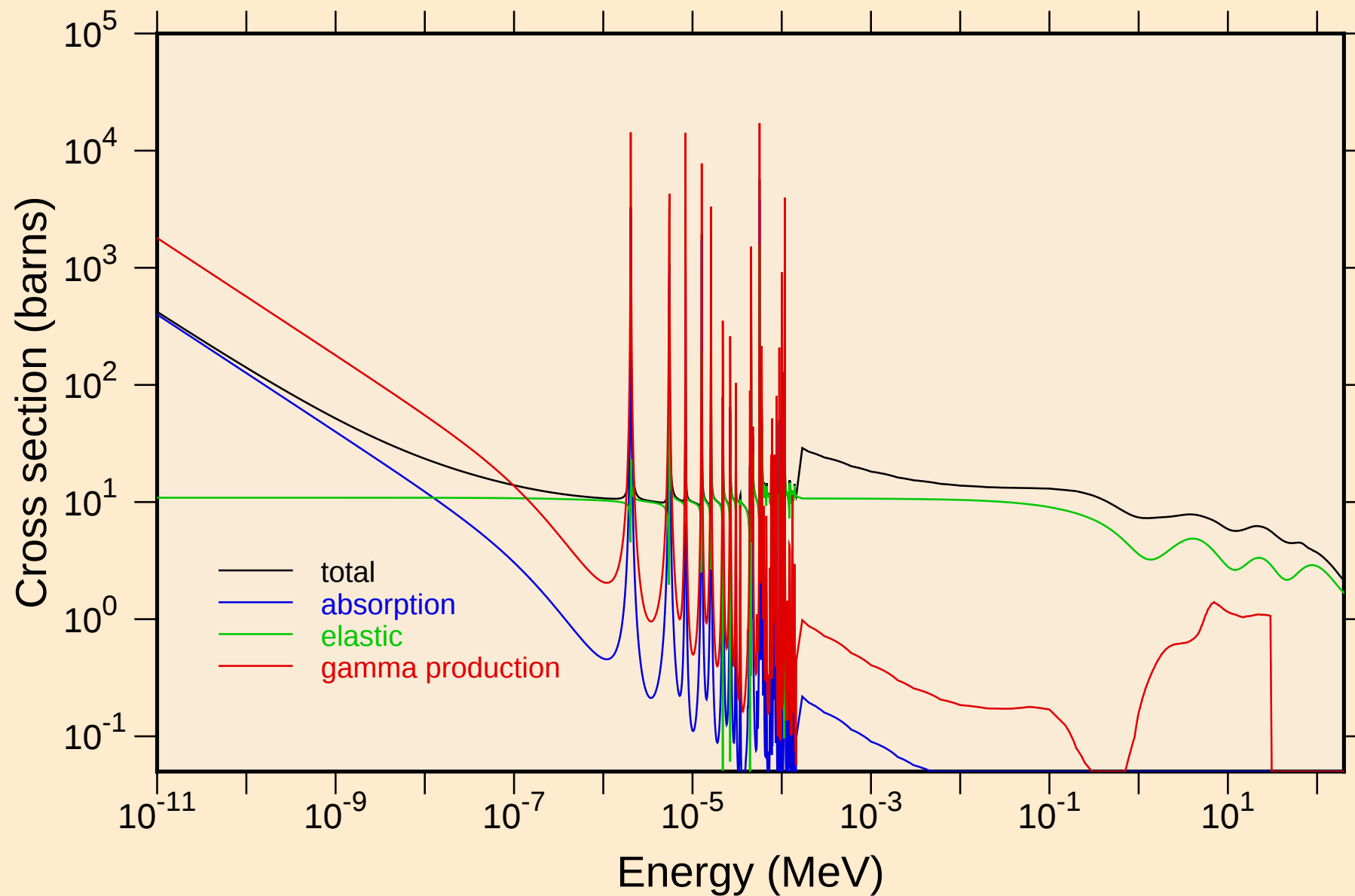
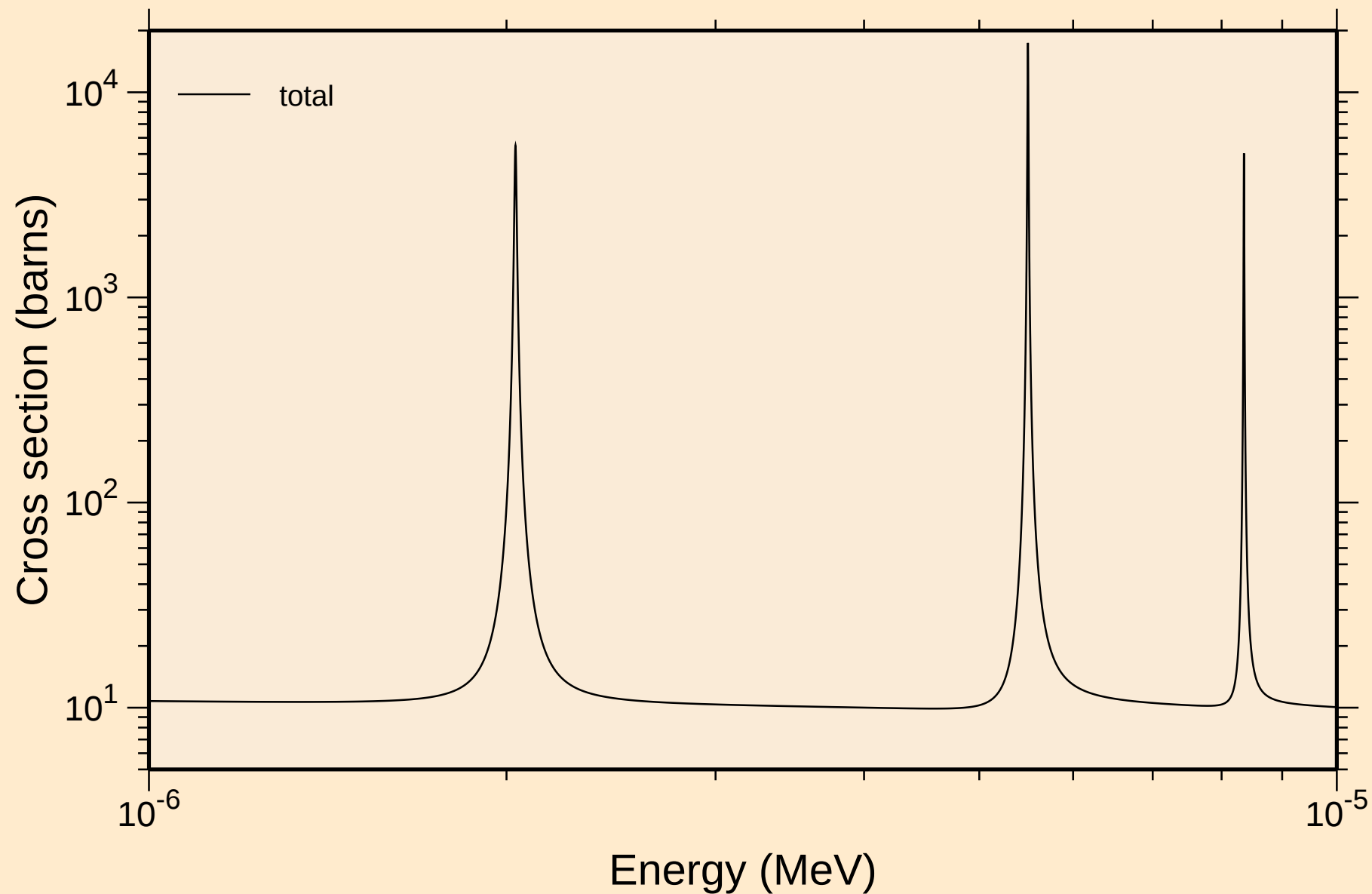


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

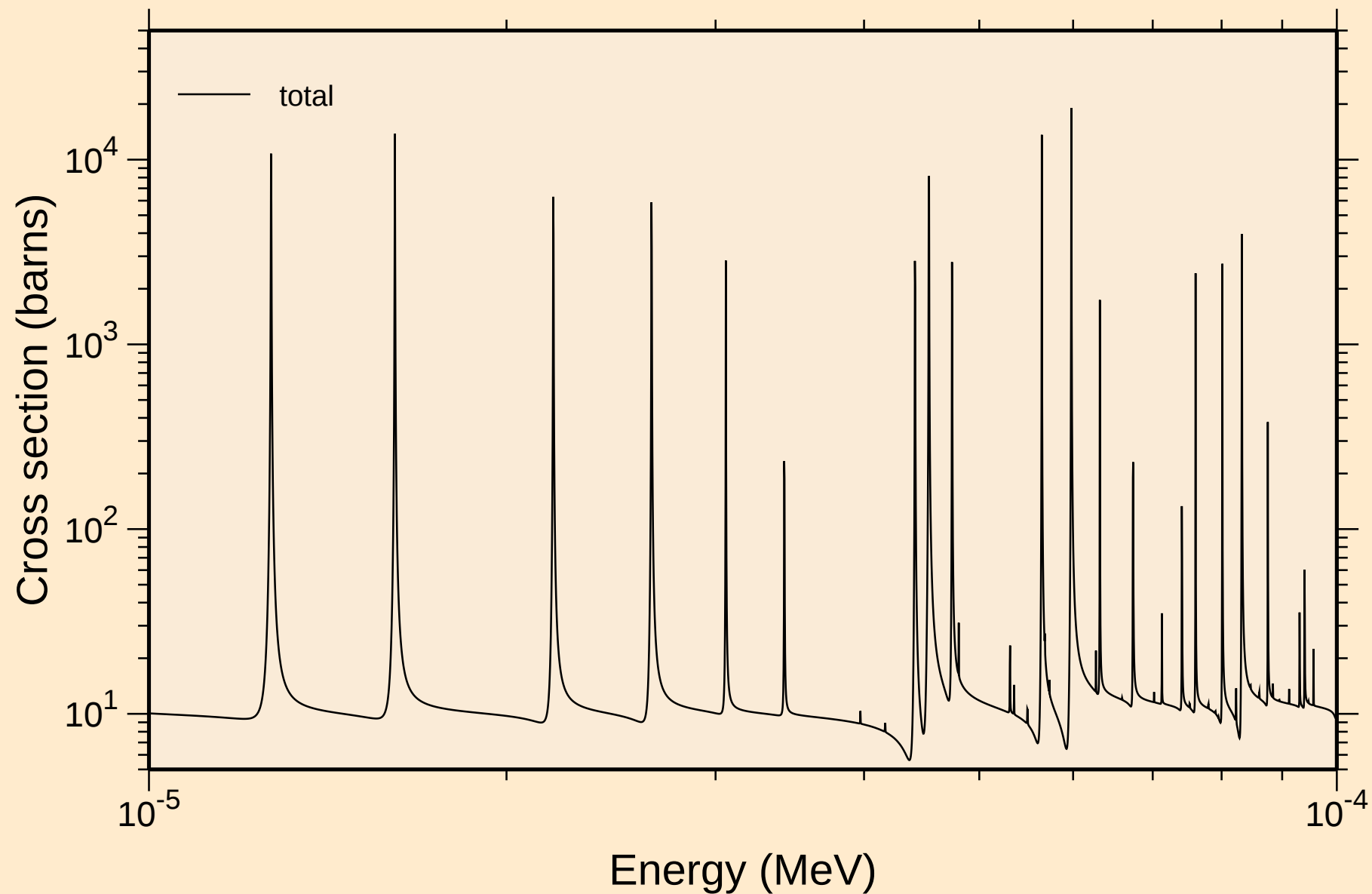
Principal cross sections



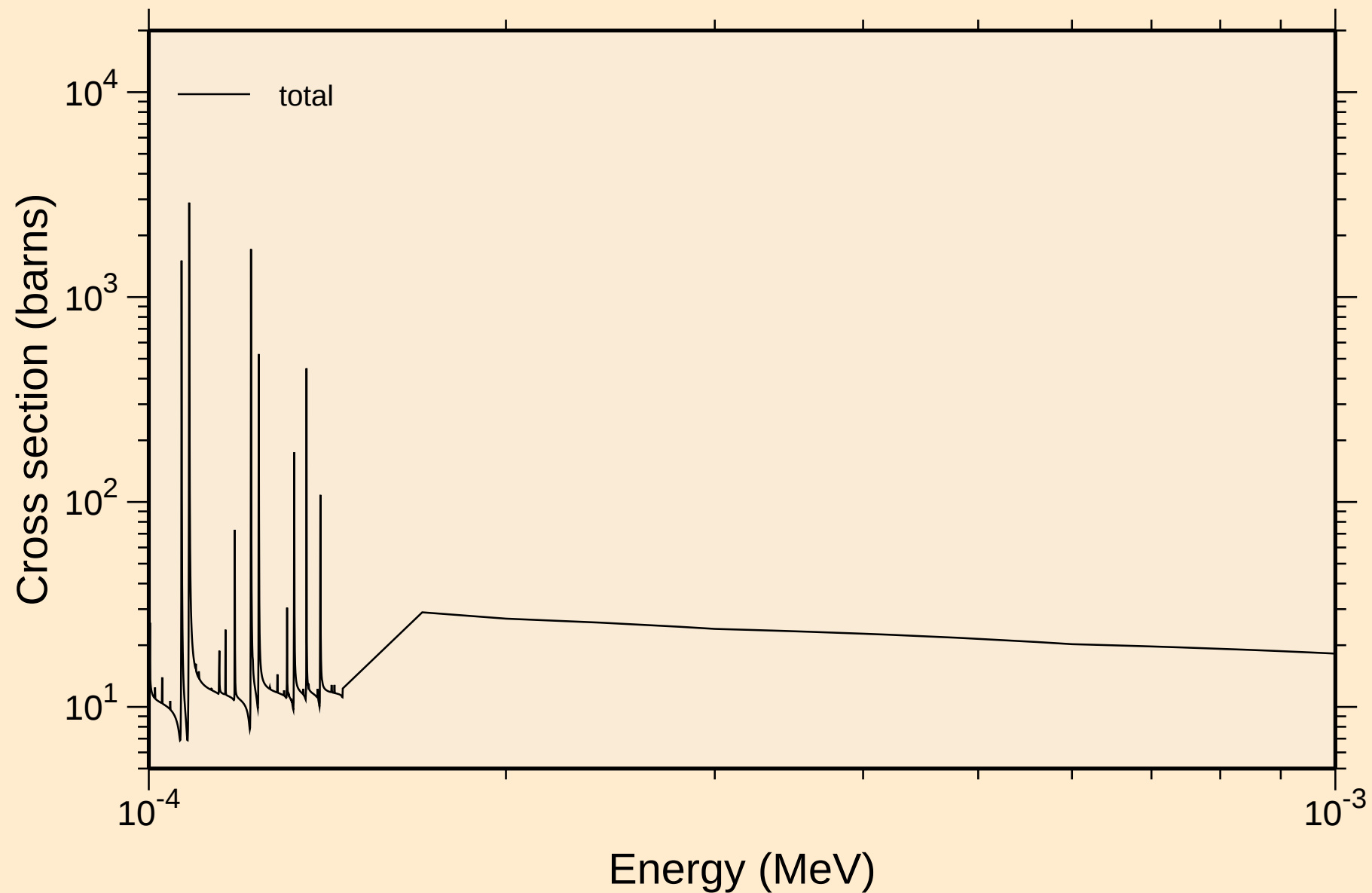
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



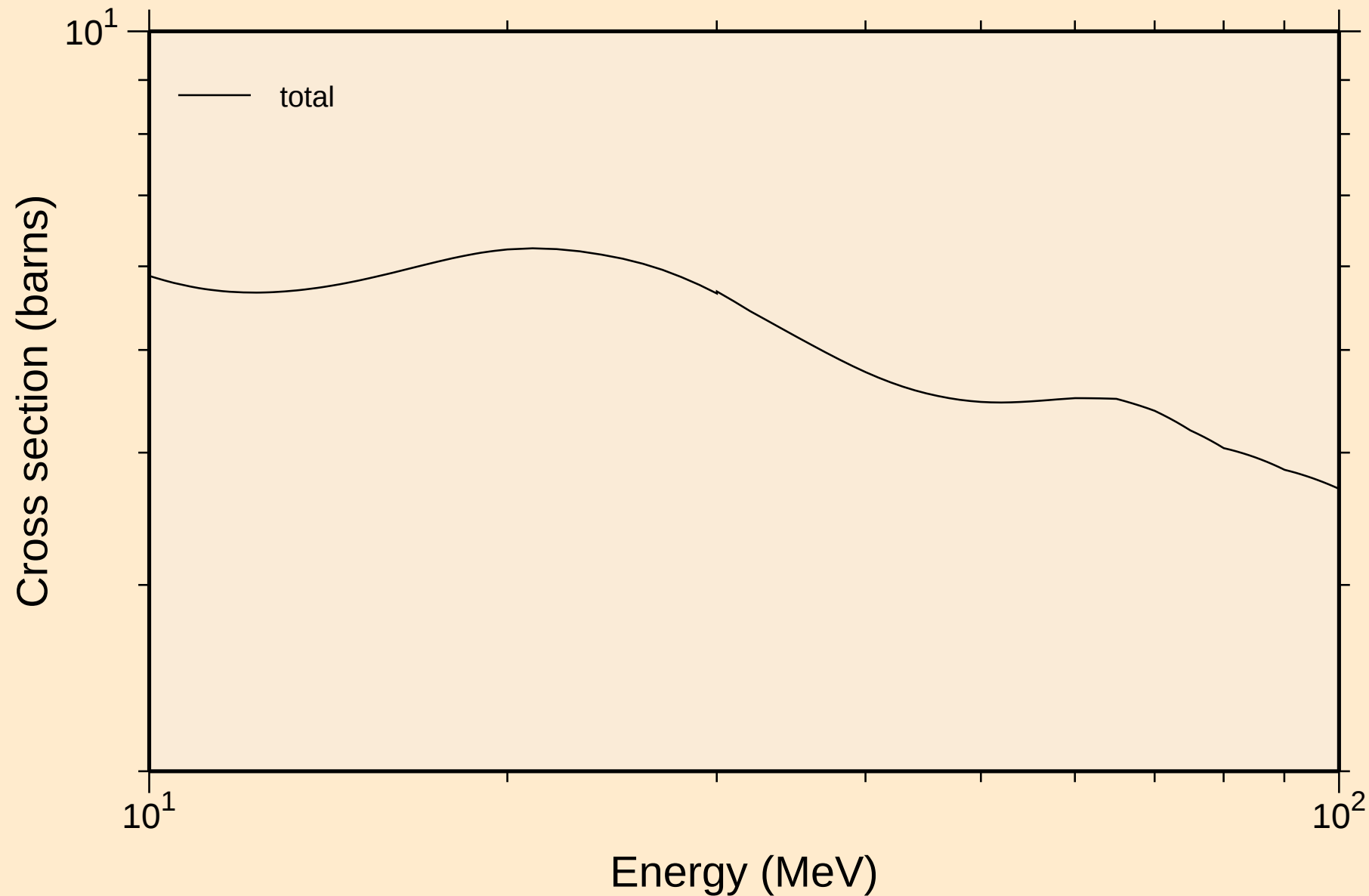
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



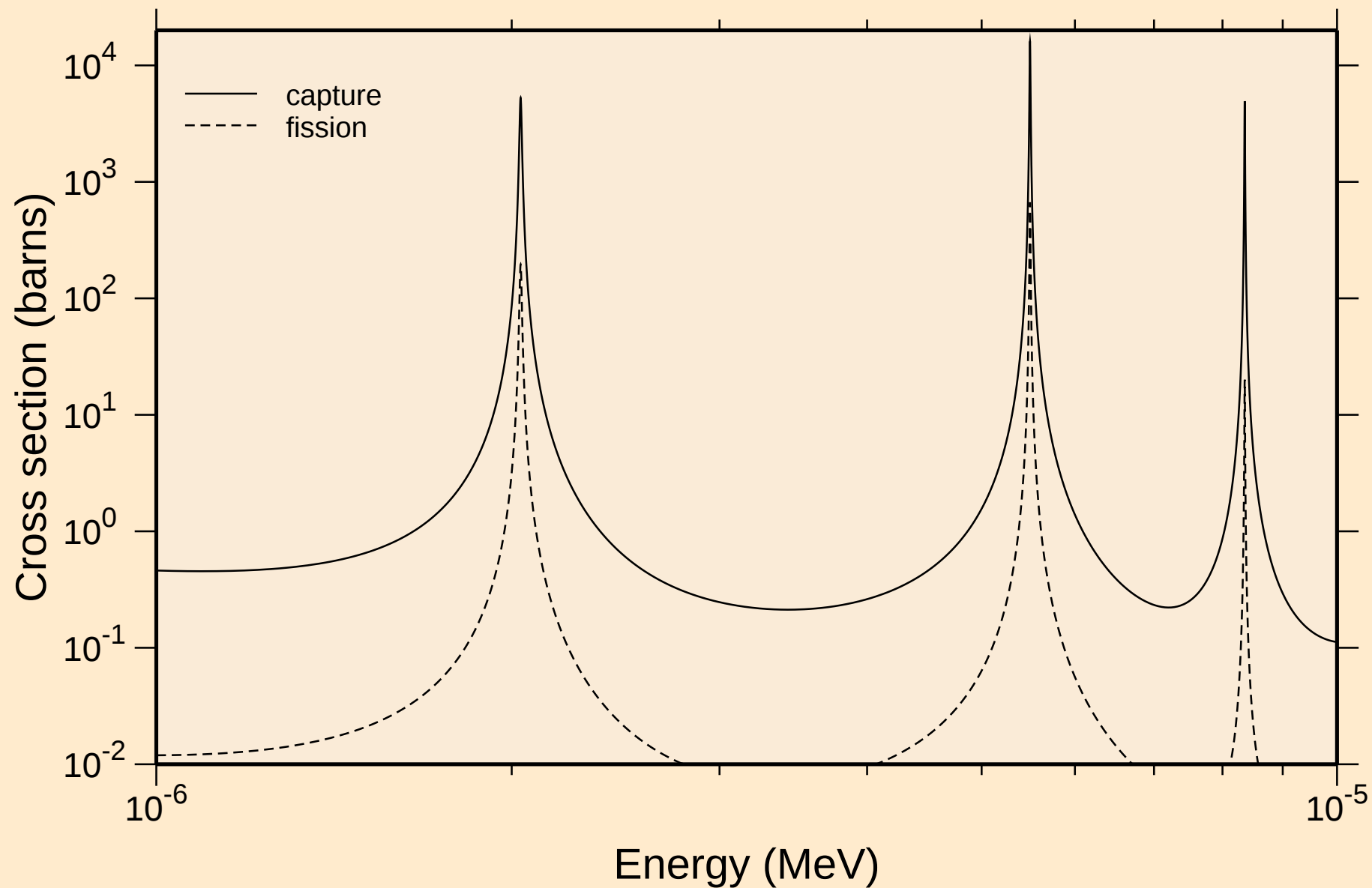
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



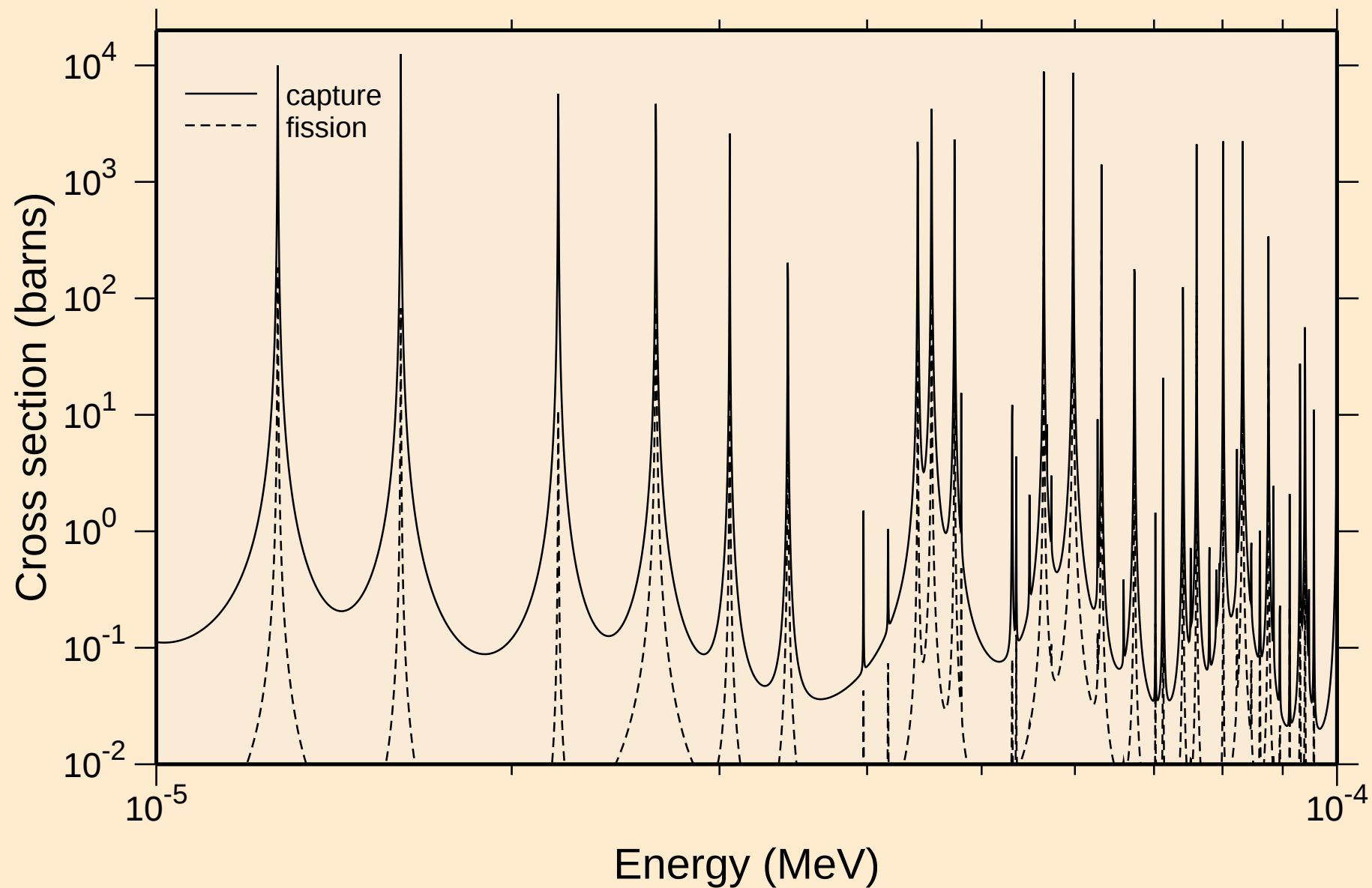
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resonance total cross section



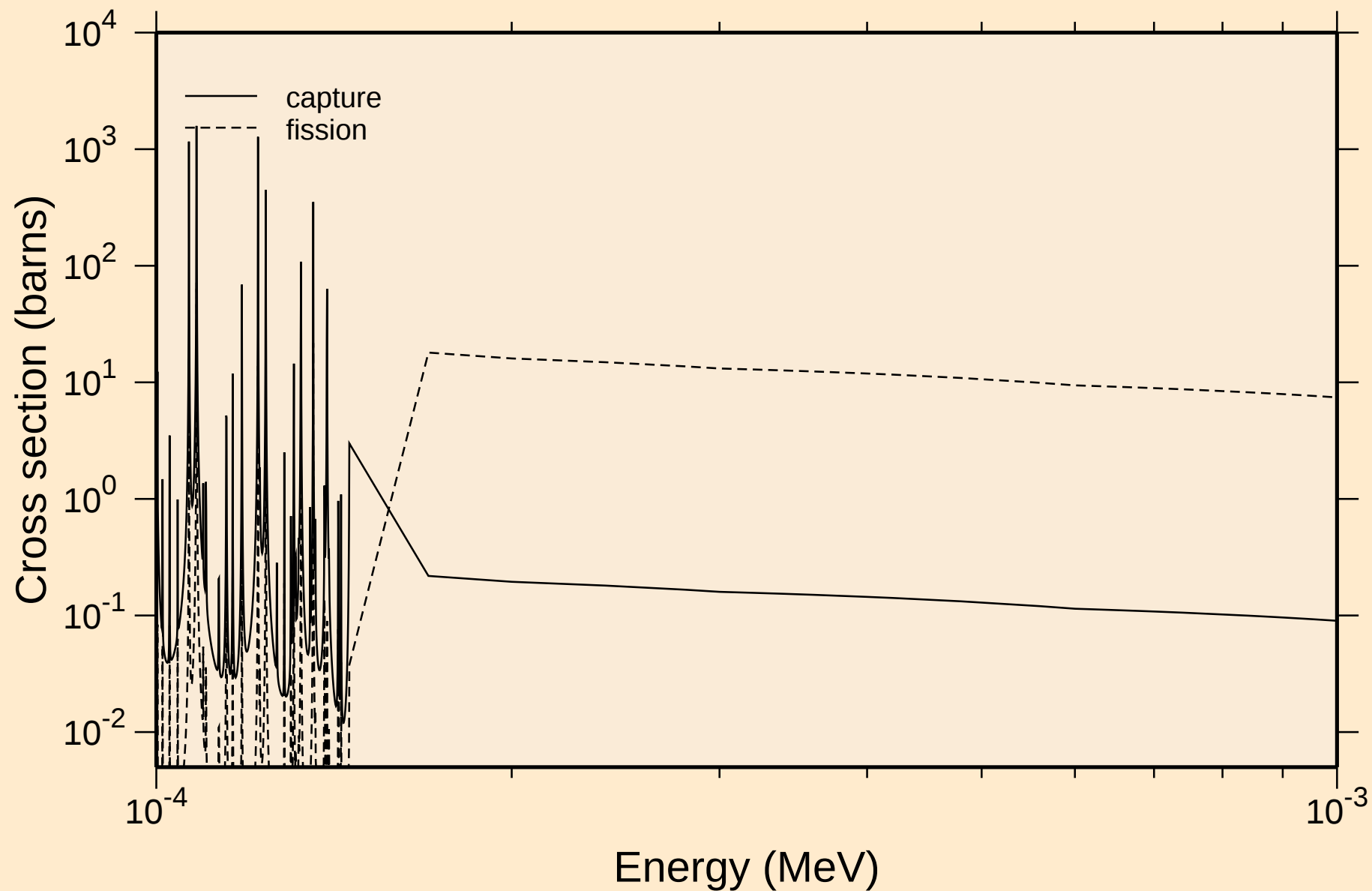
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



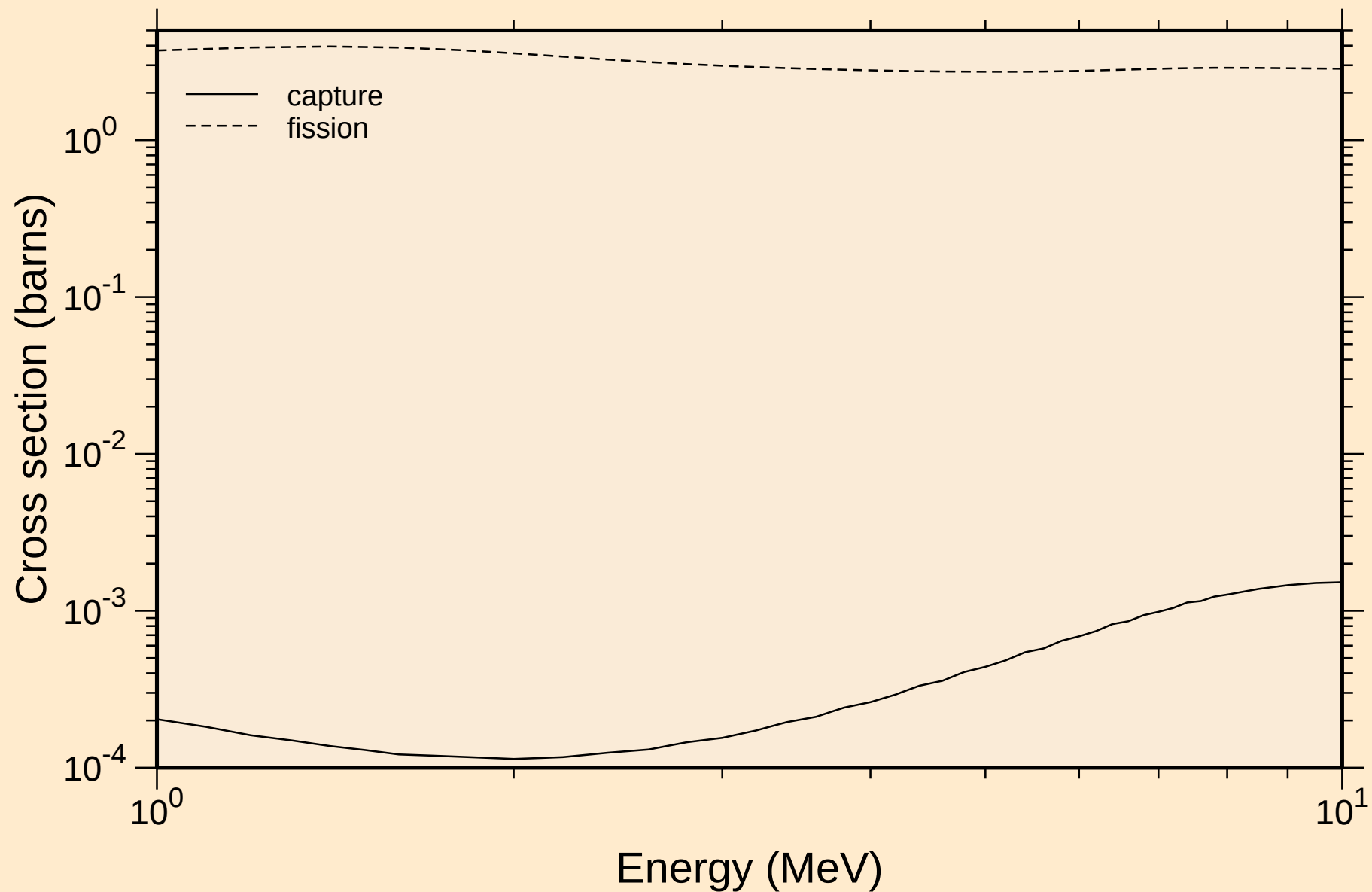
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

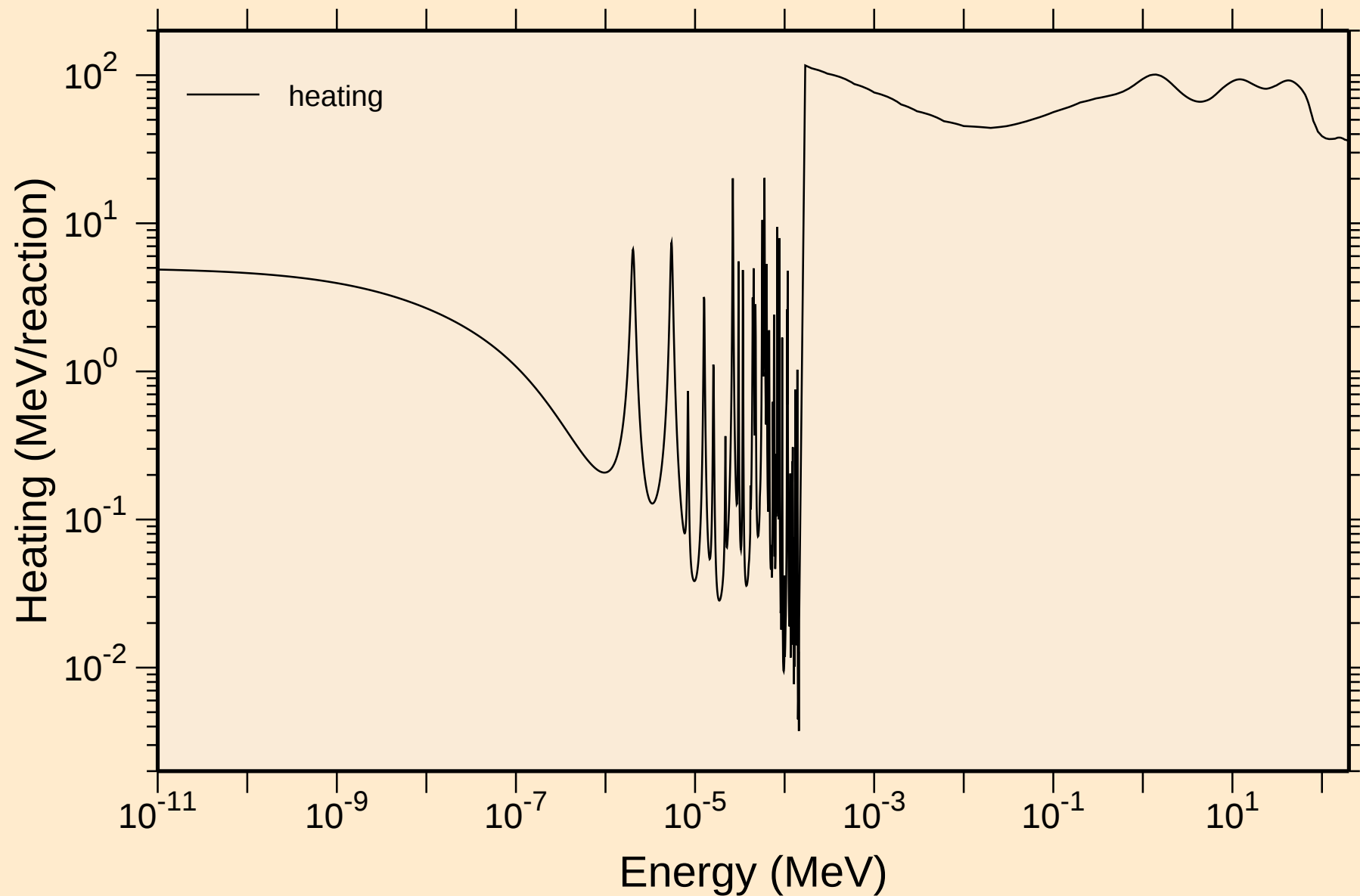


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



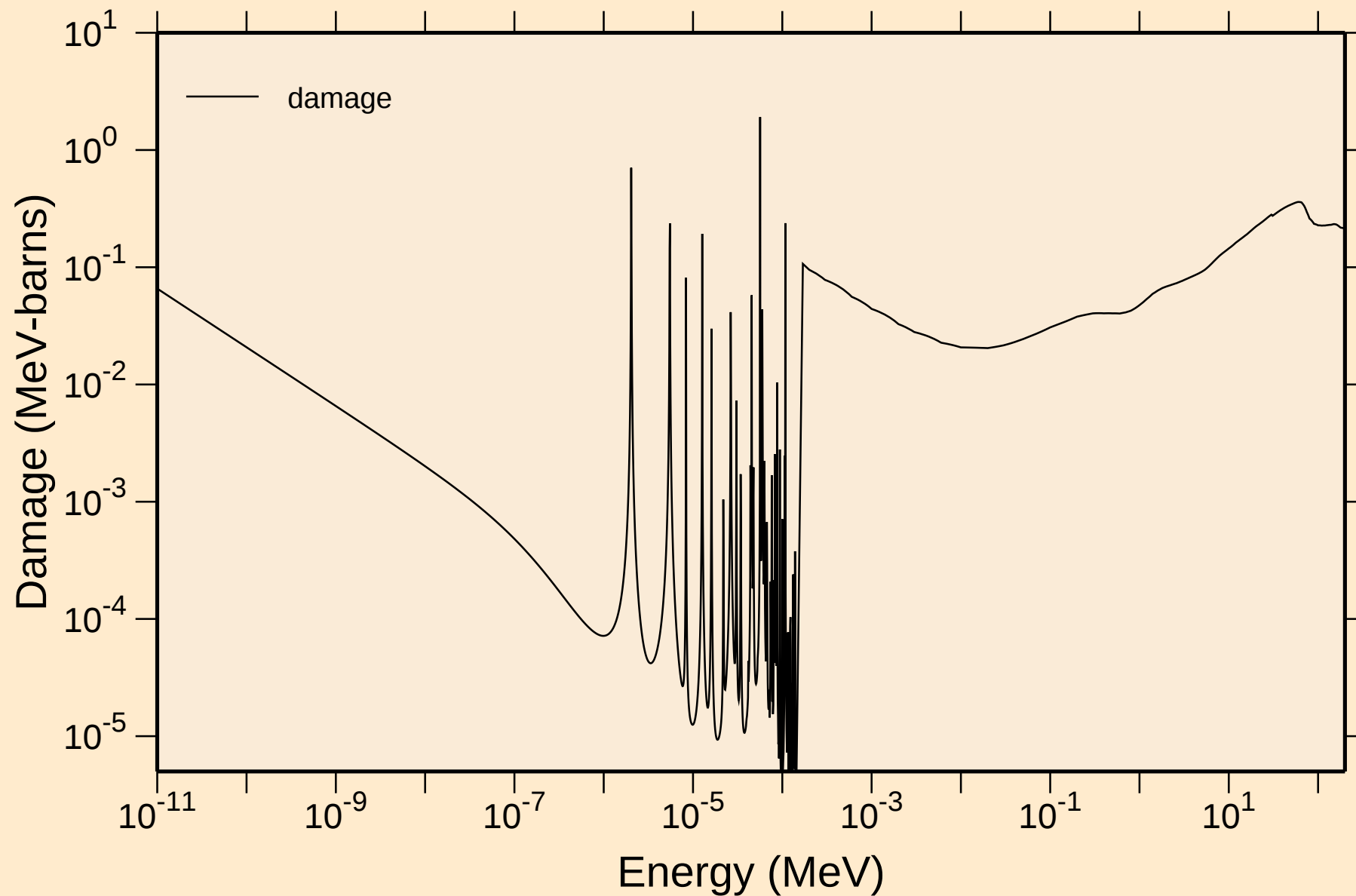
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

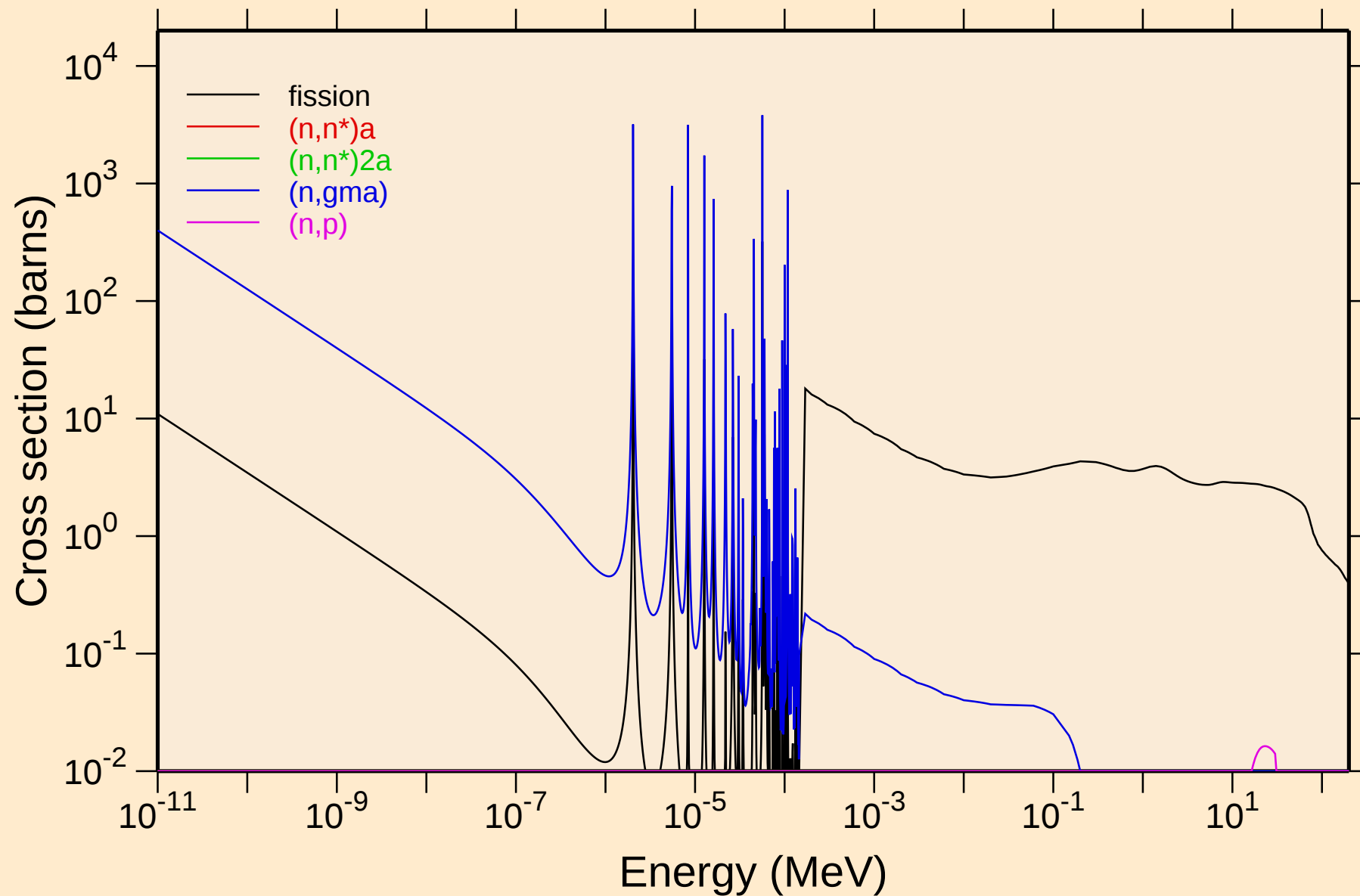


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

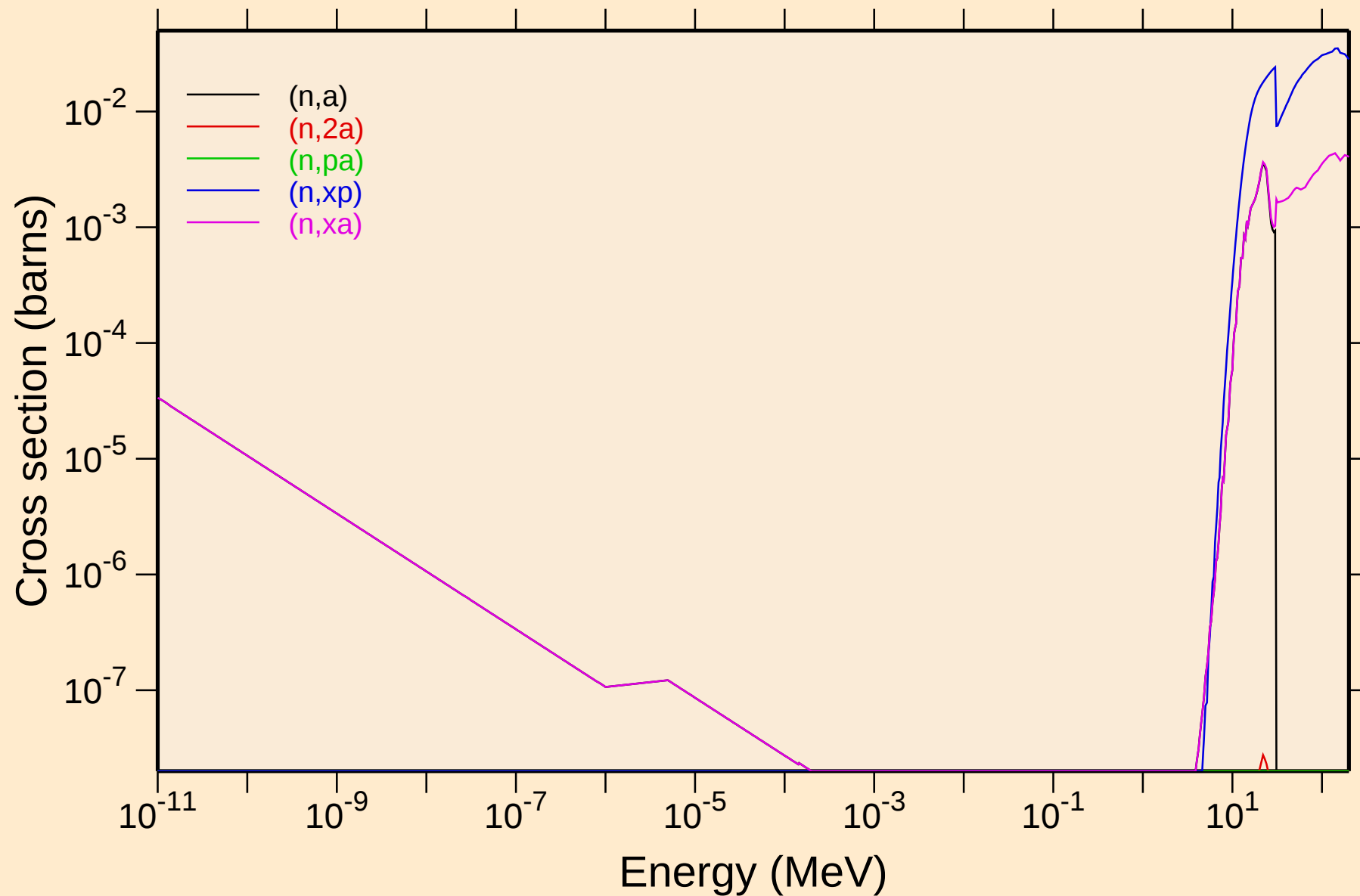
Damage



CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

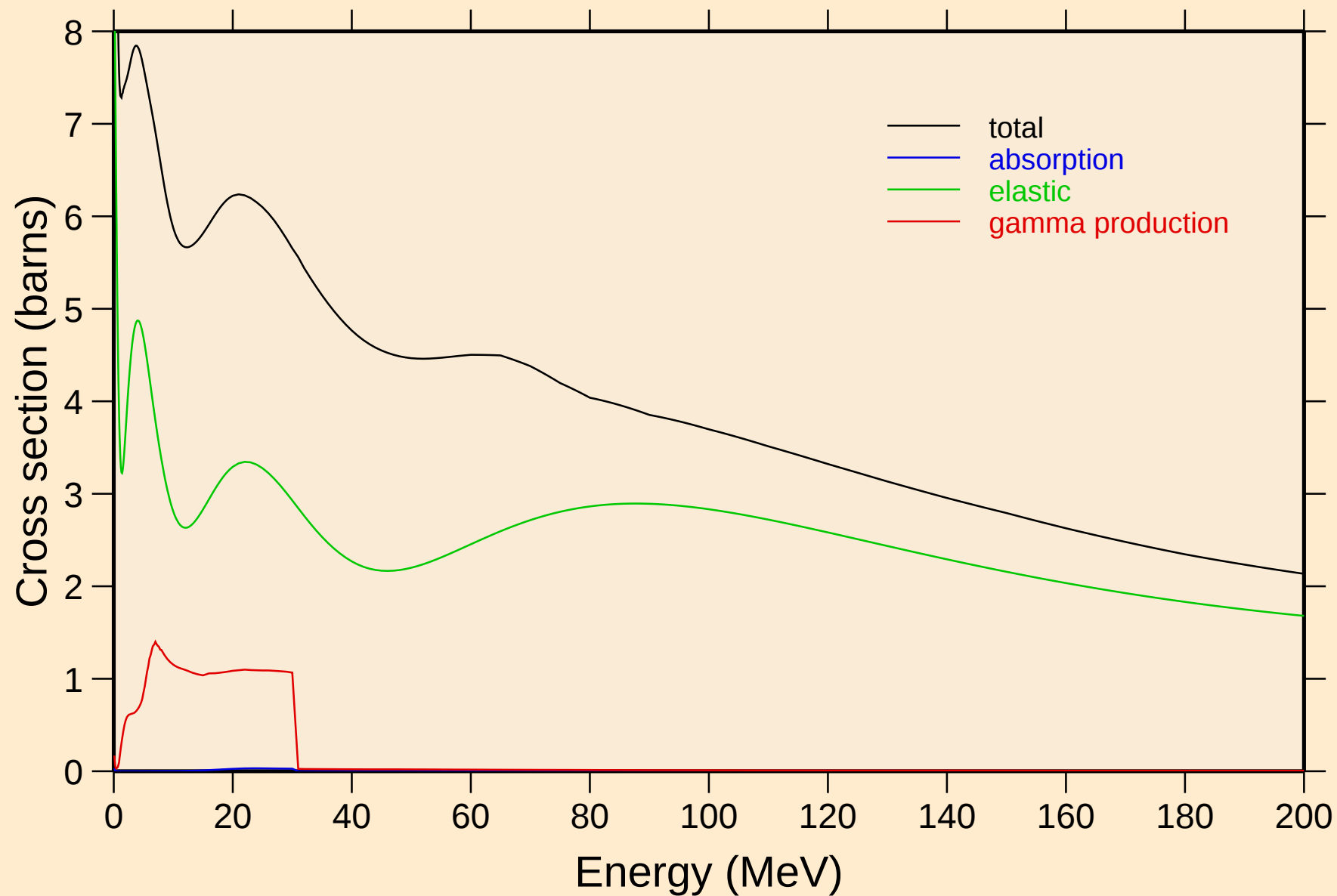


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



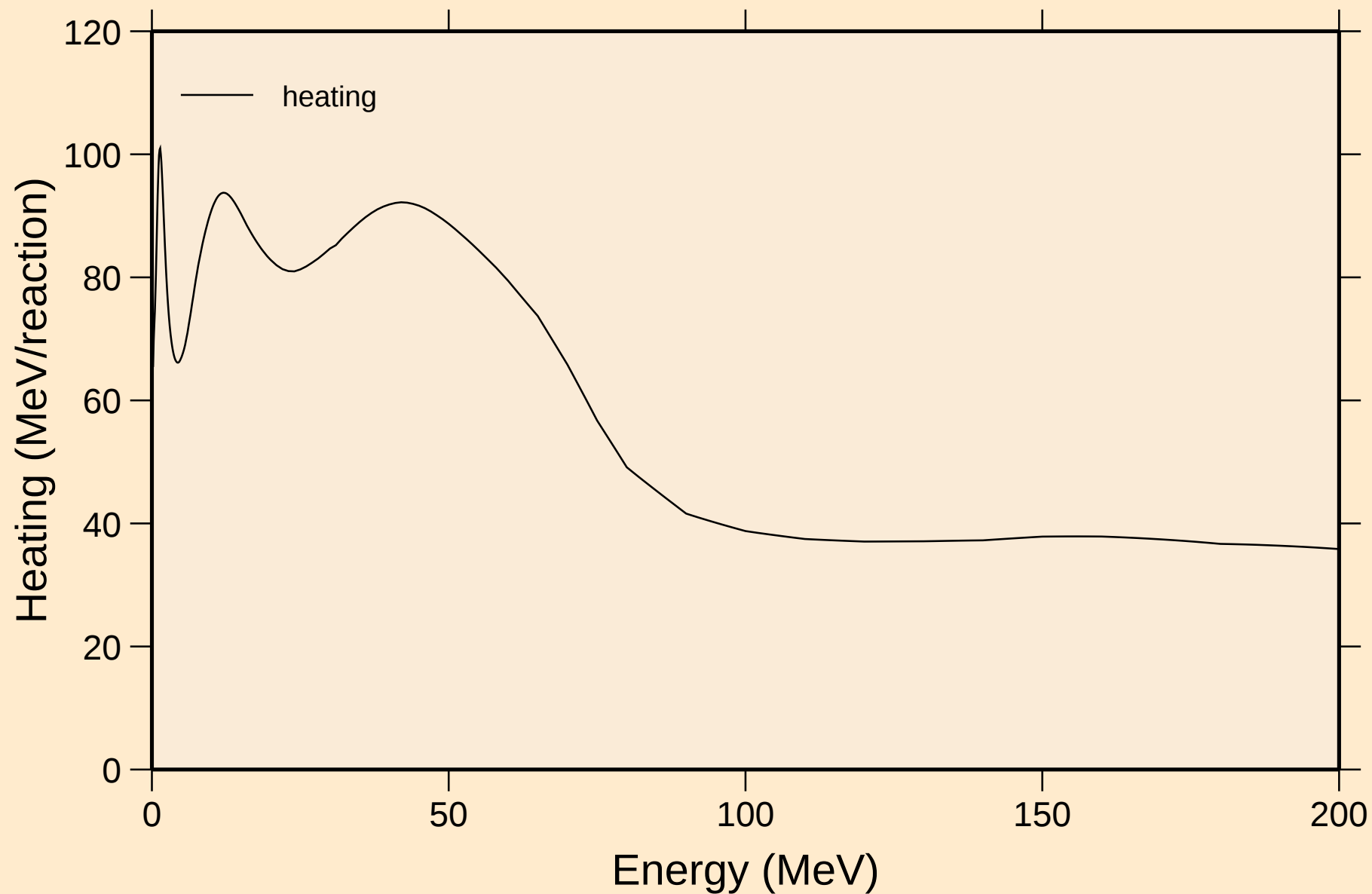
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



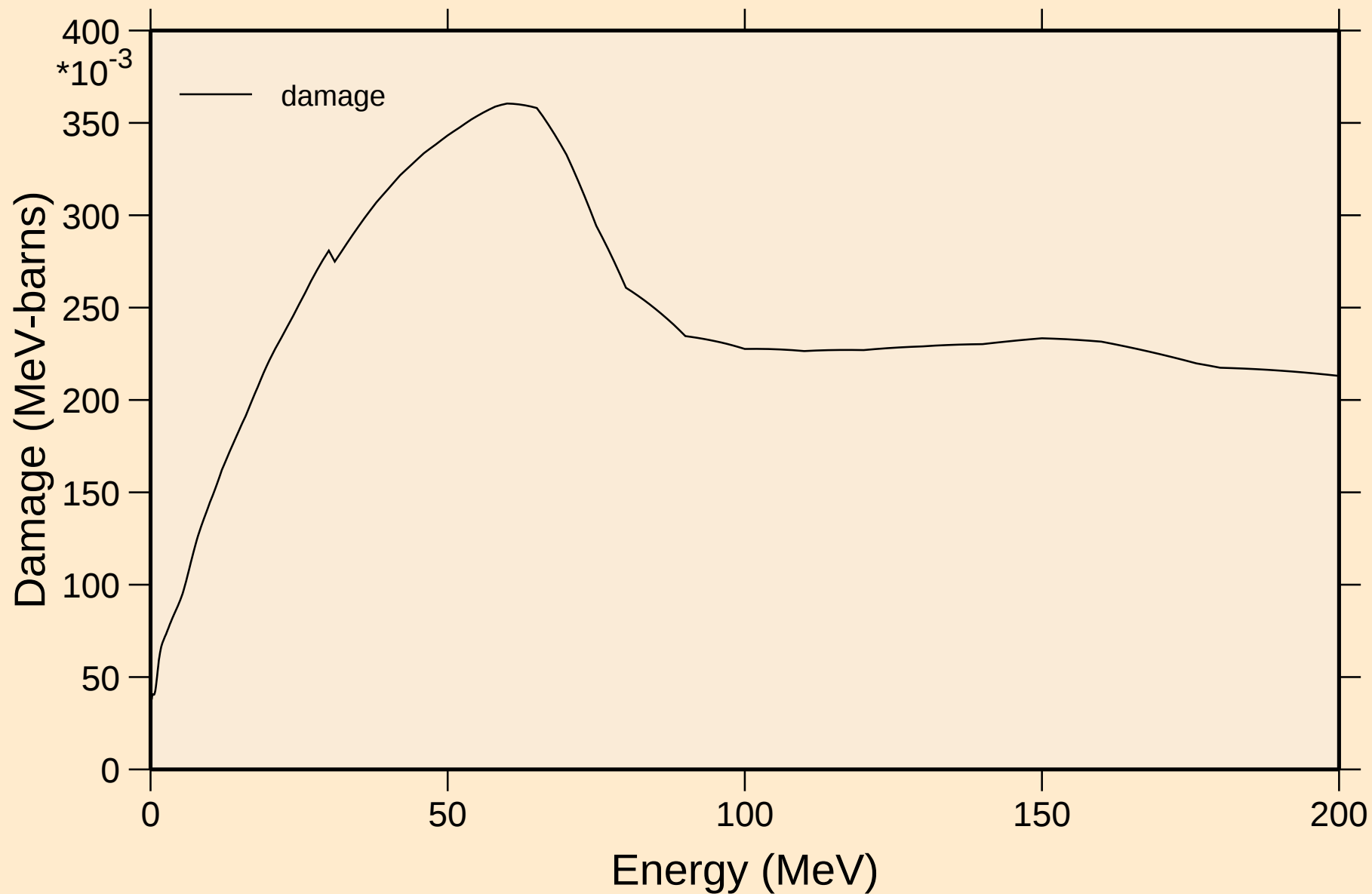
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

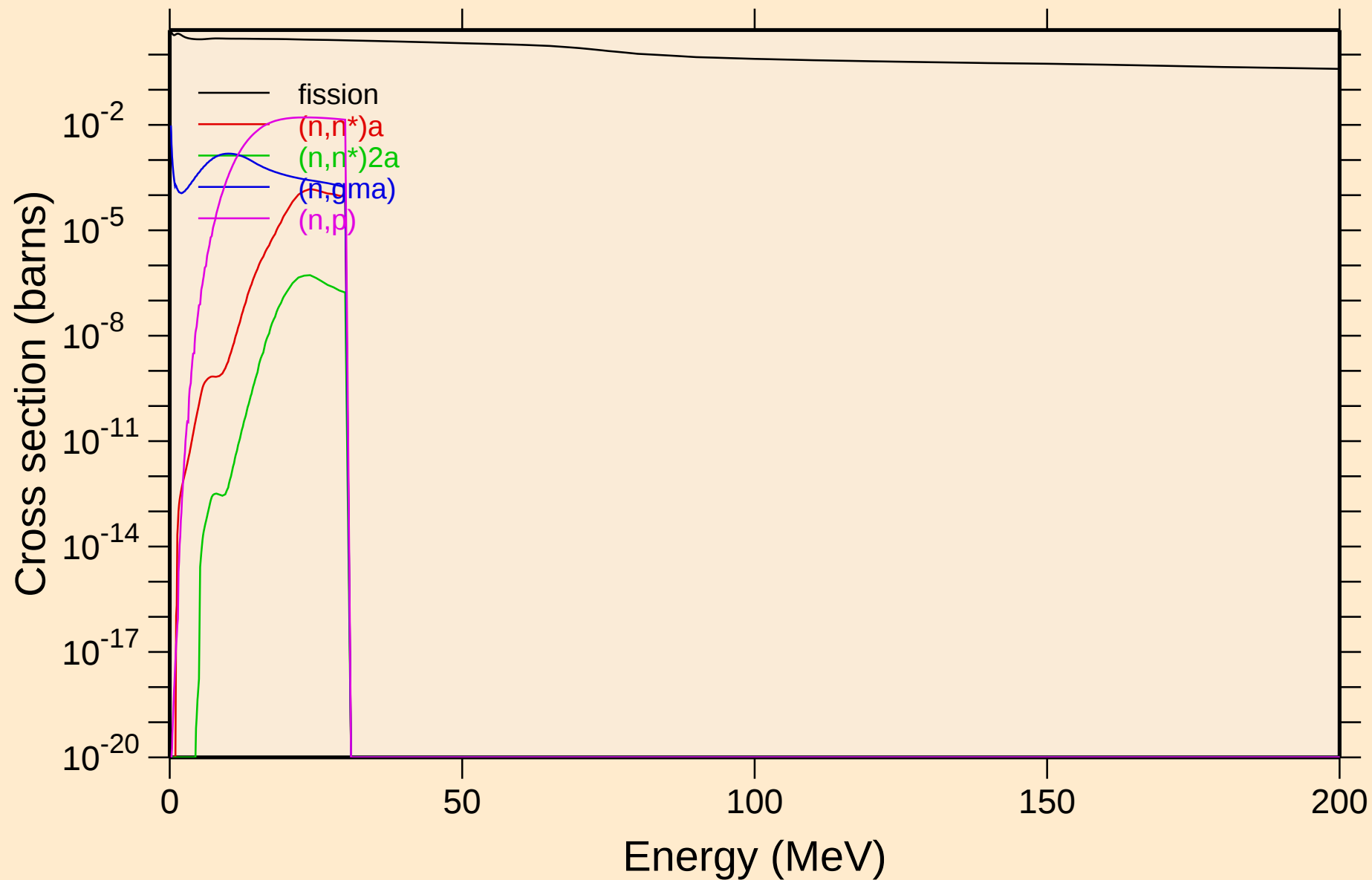


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

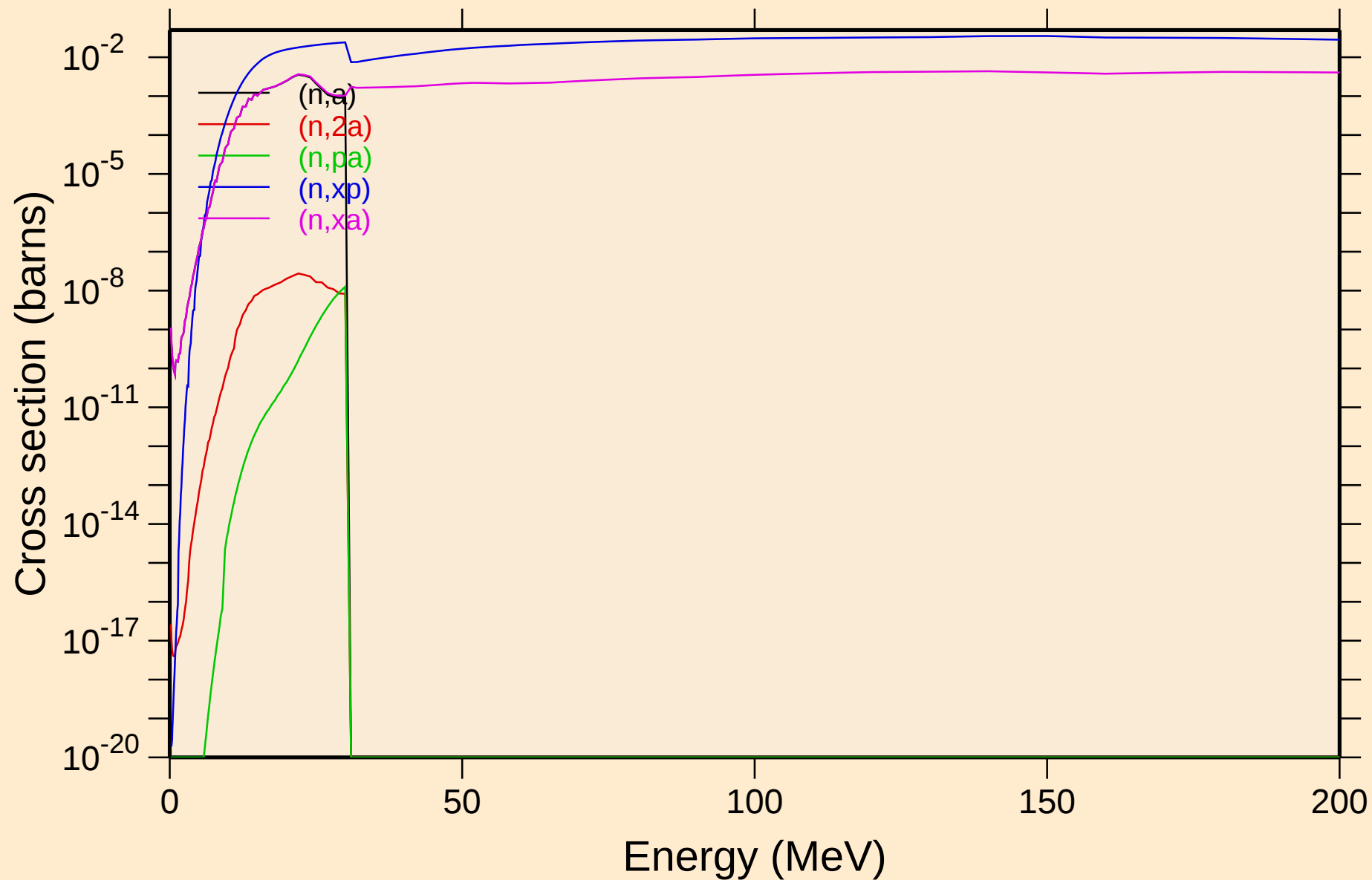
Damage



CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

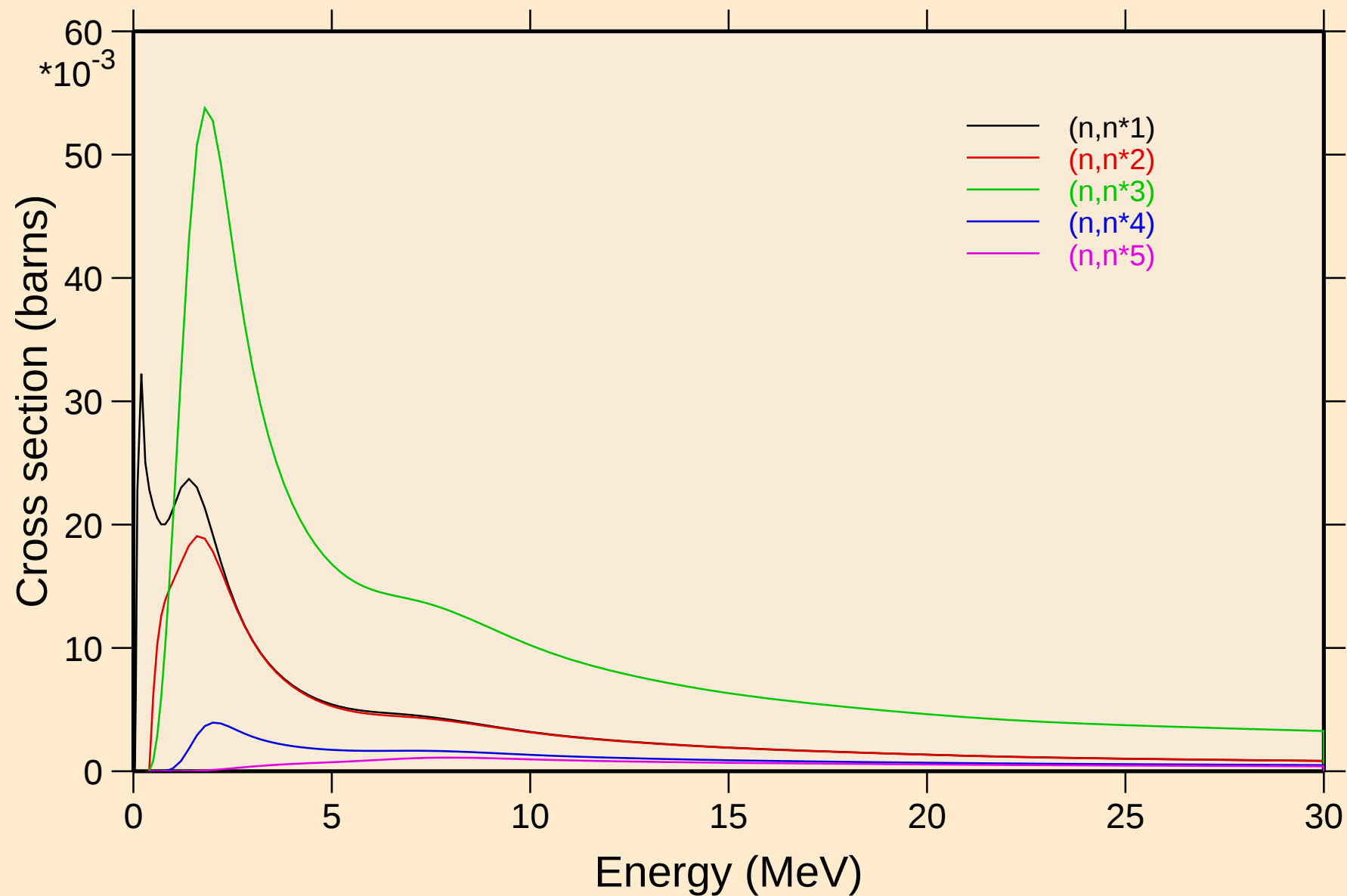


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



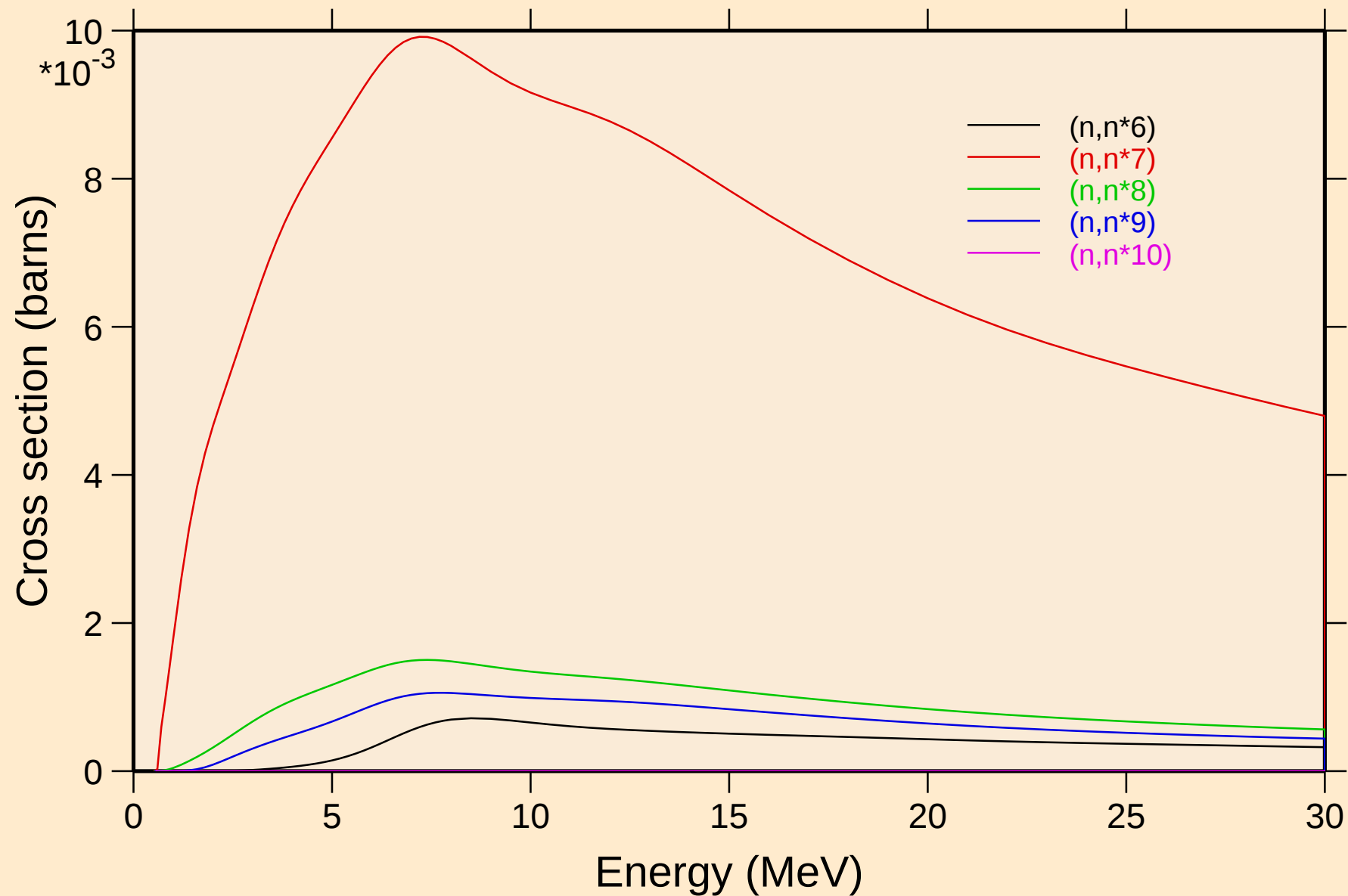
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



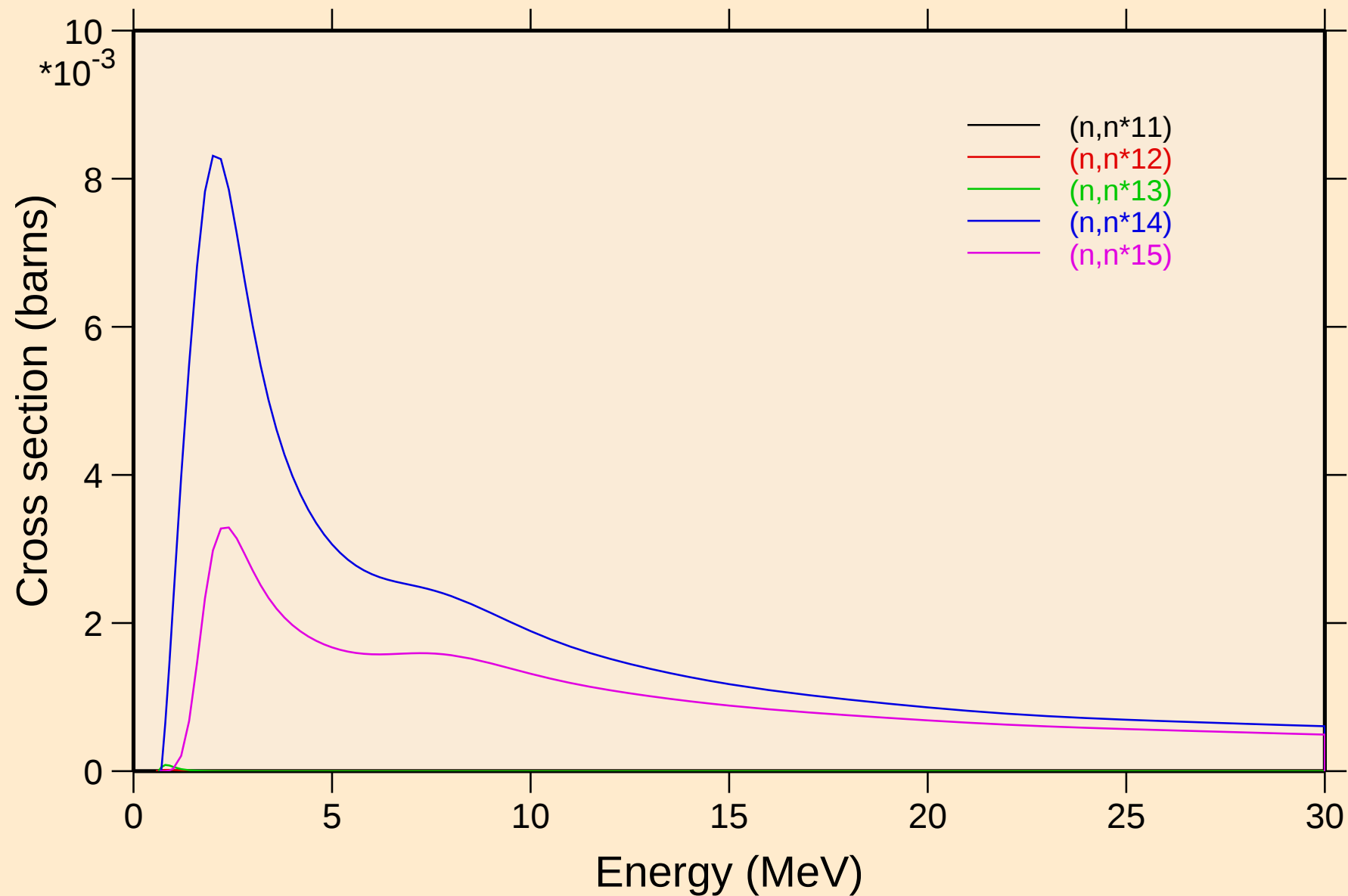
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



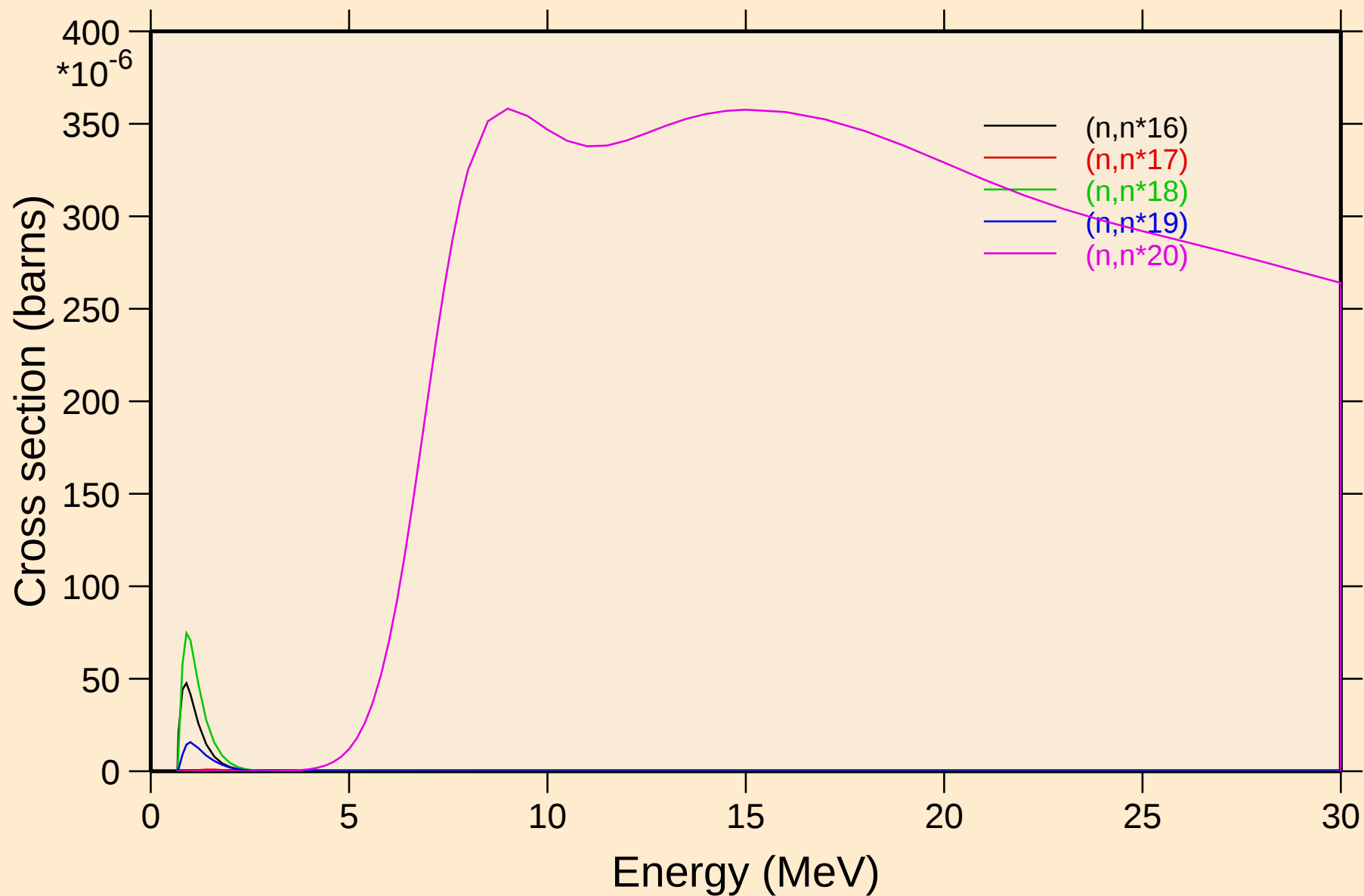
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Inelastic levels



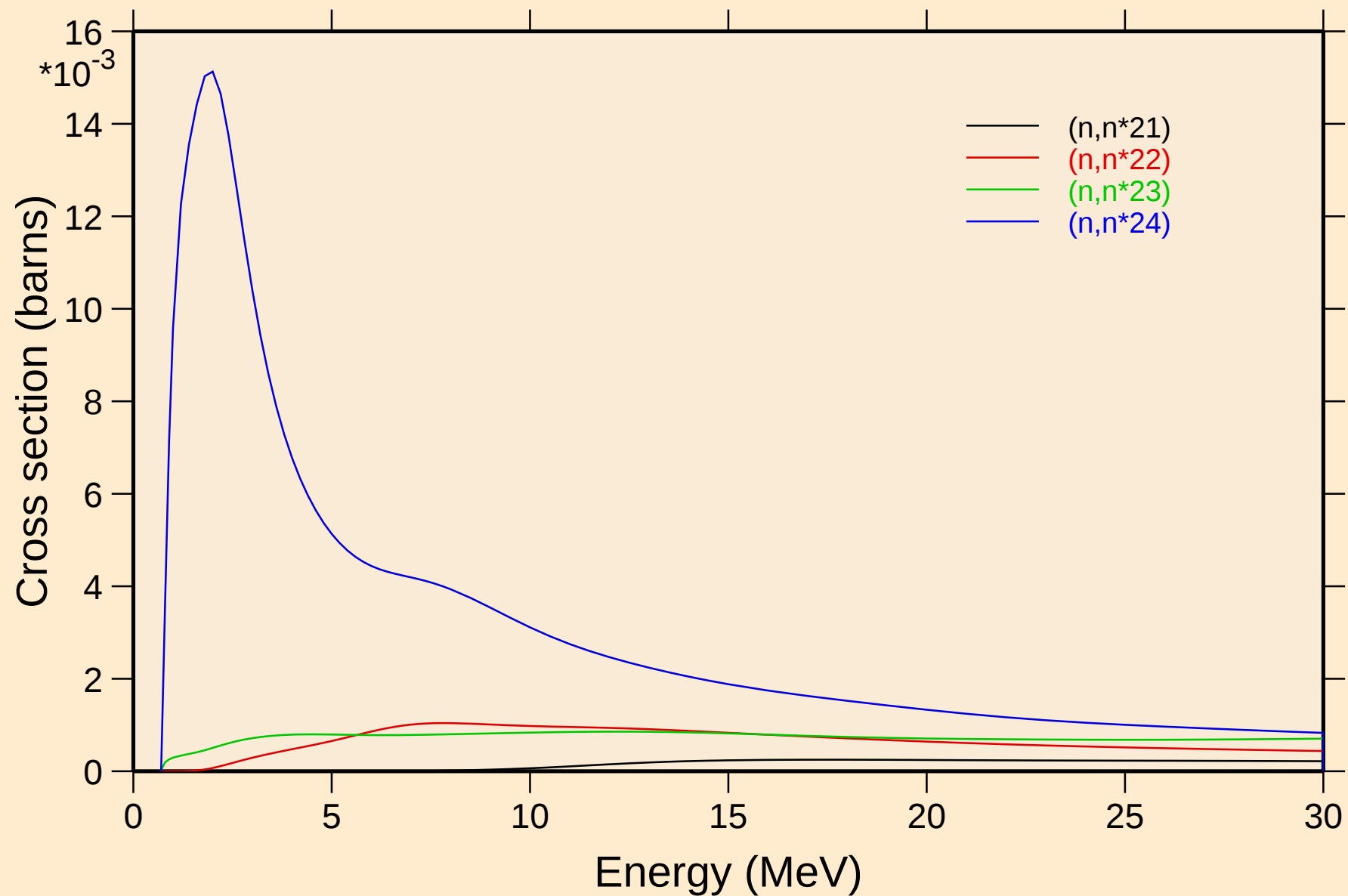
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Inelastic levels



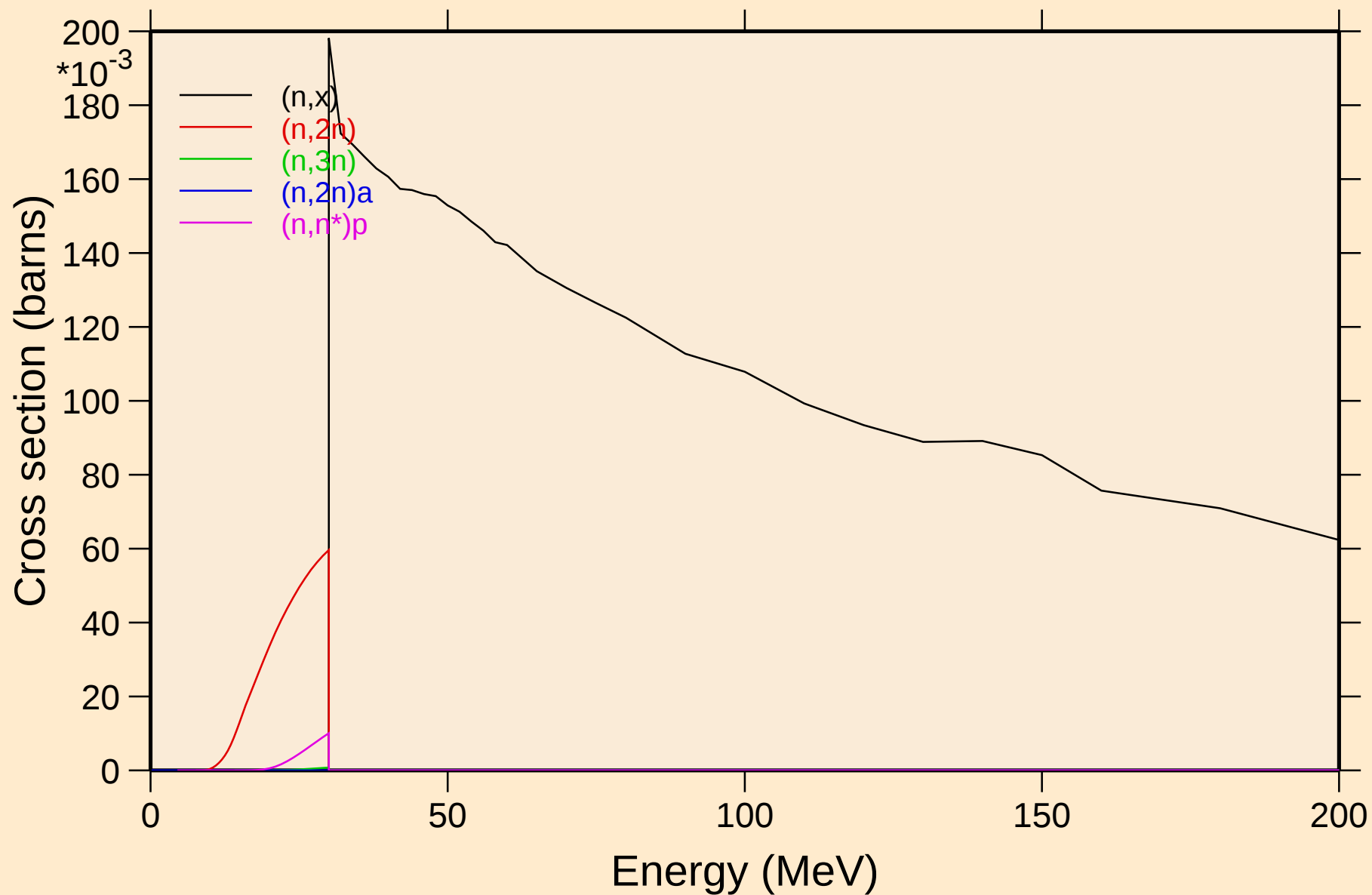
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Inelastic levels



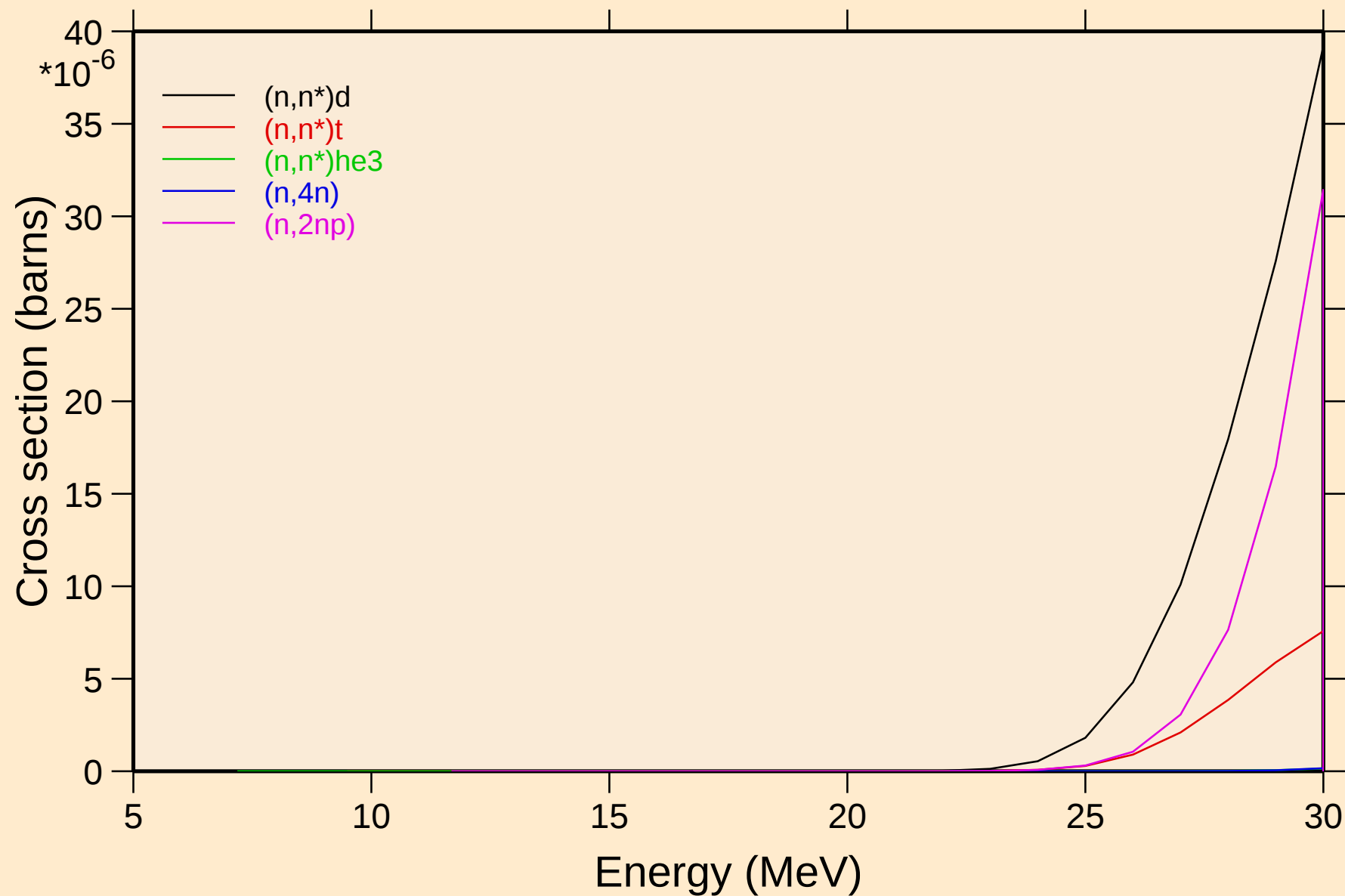
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Threshold reactions

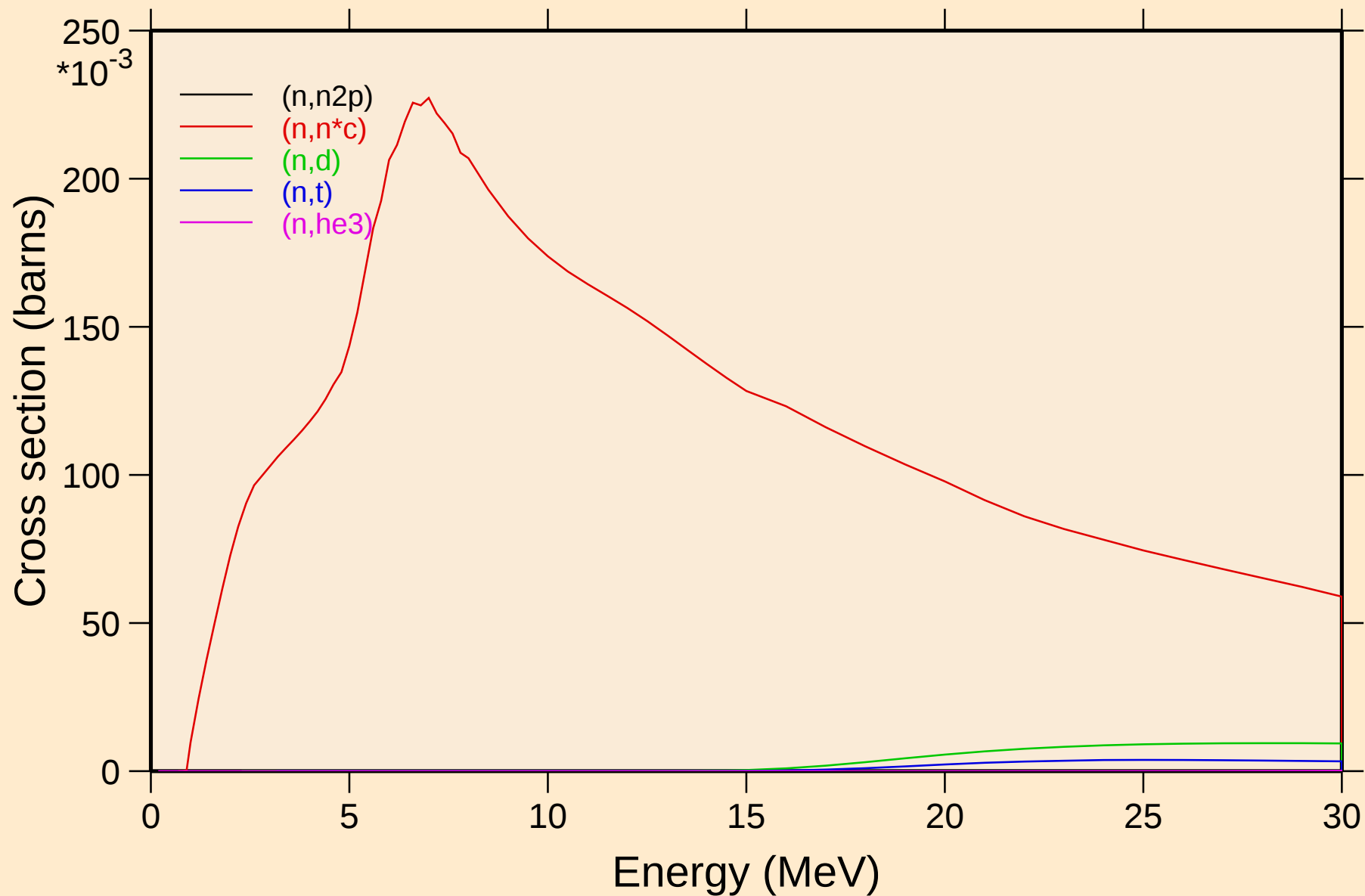


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

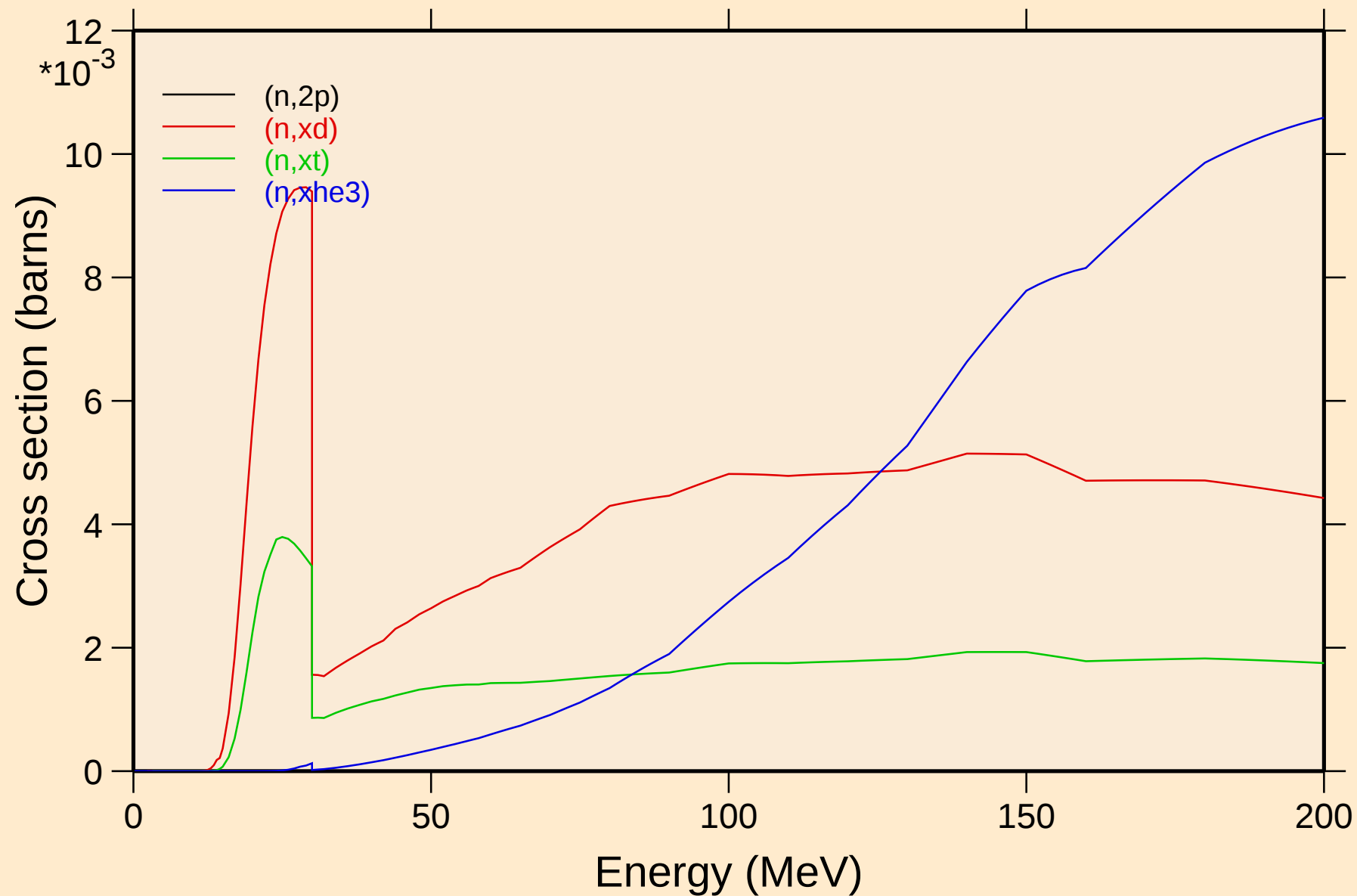
Threshold reactions



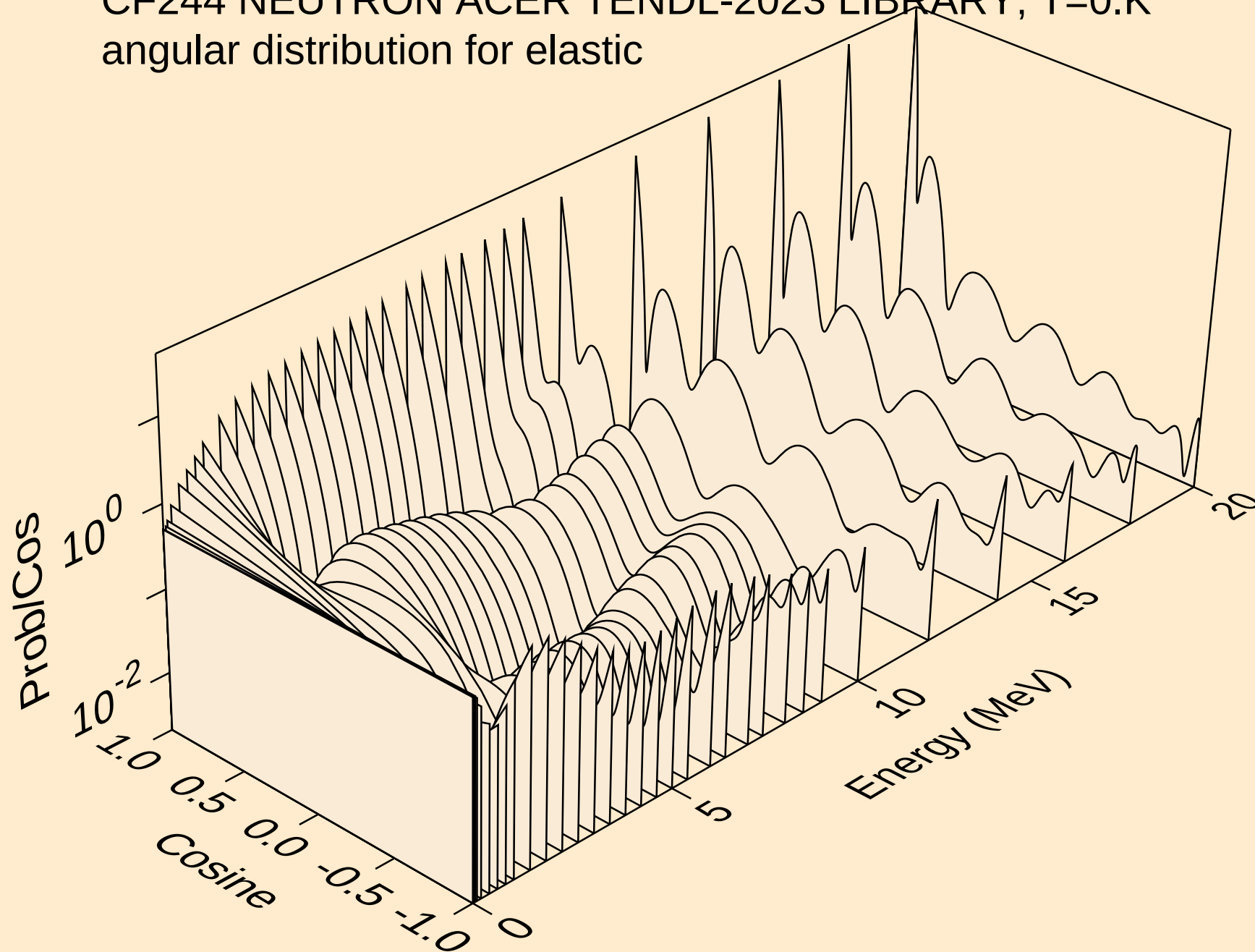
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



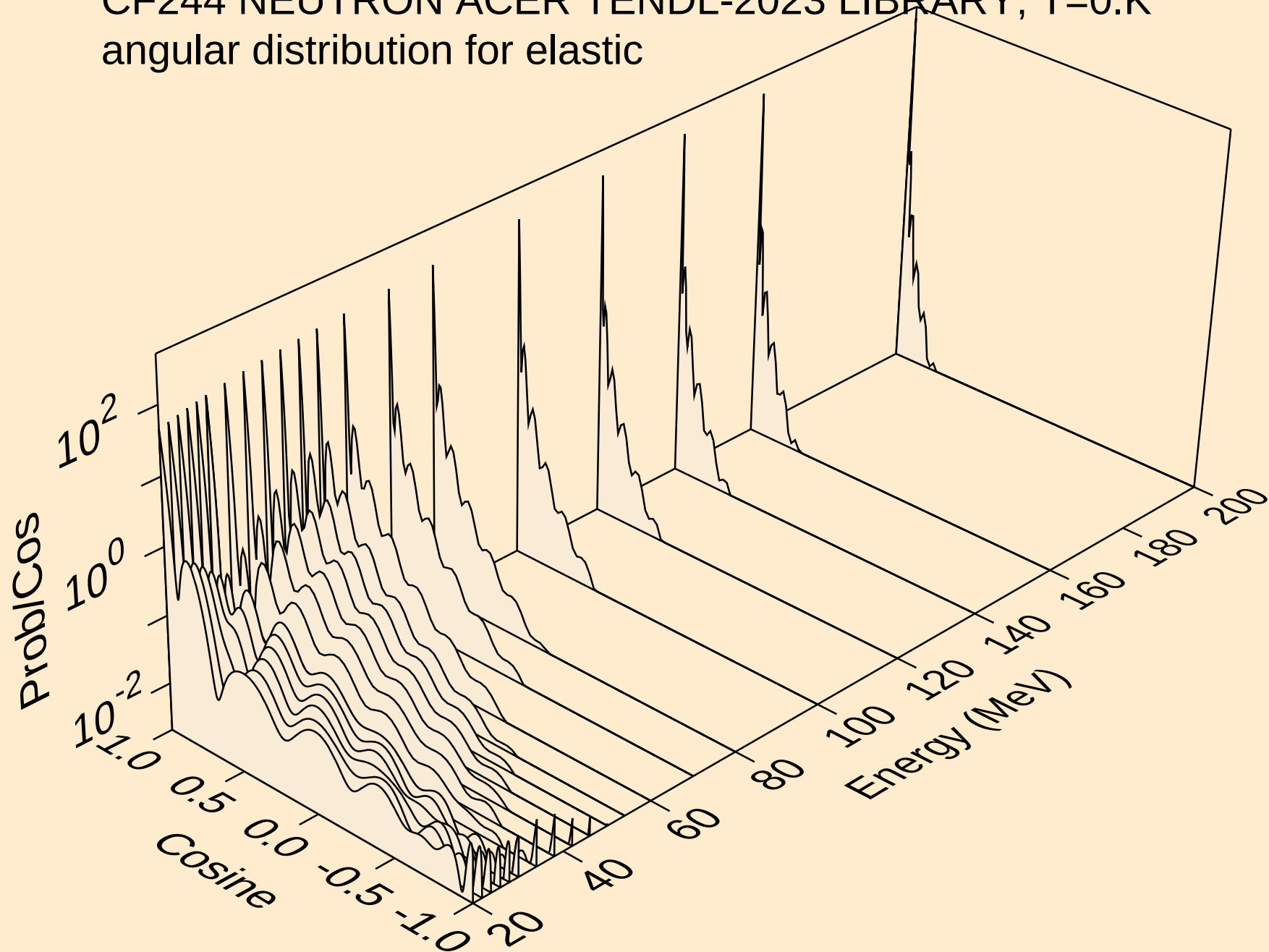
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



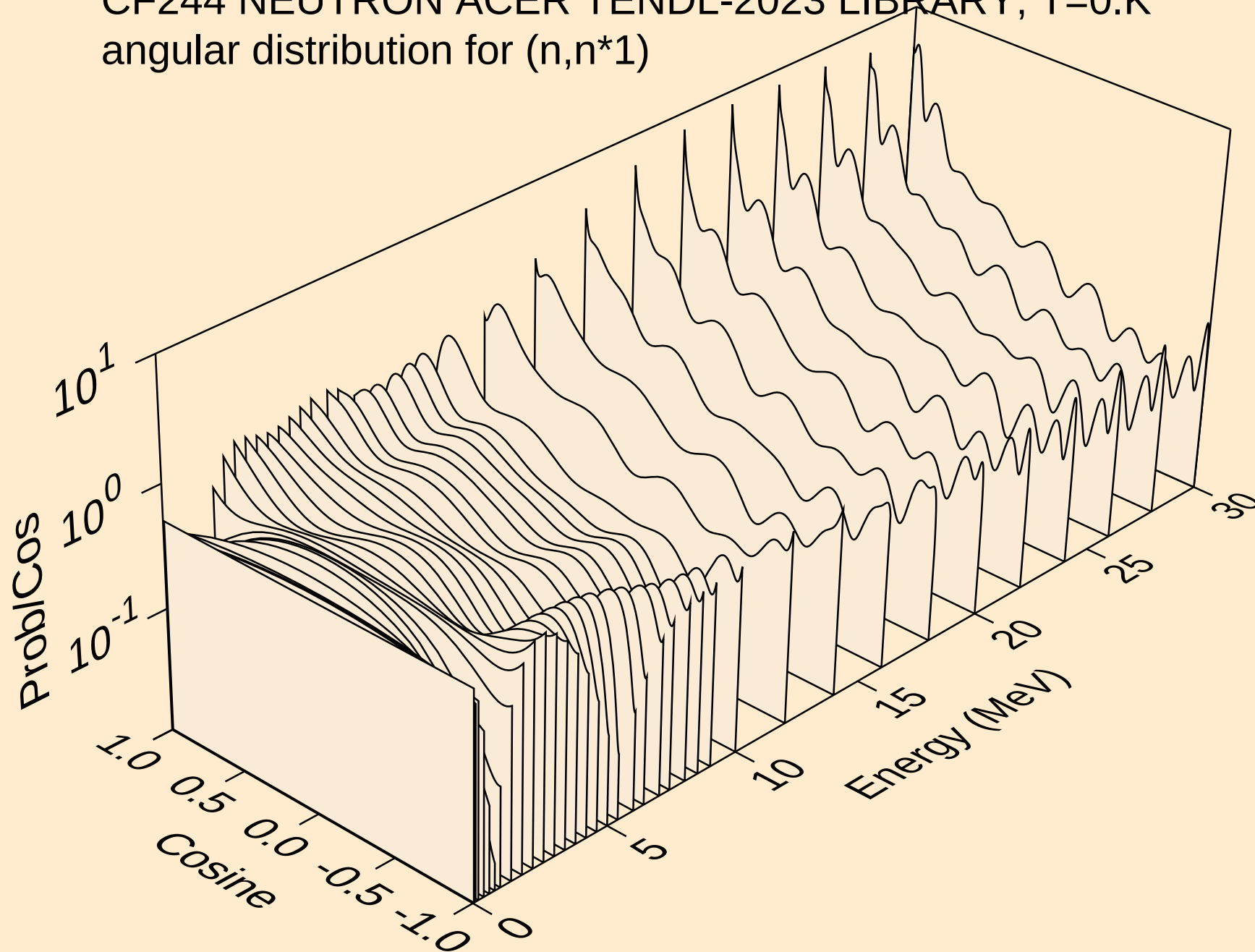
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



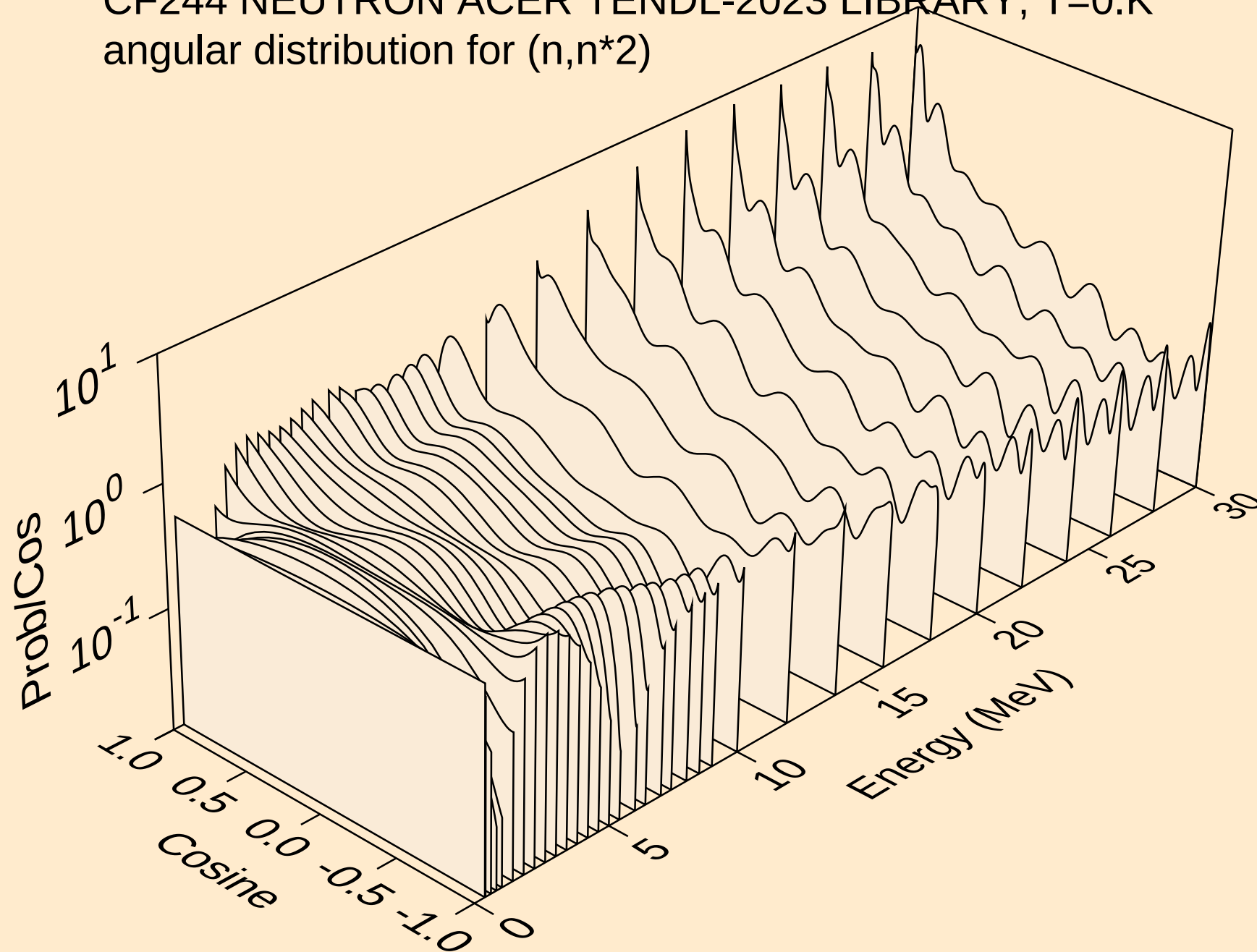
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



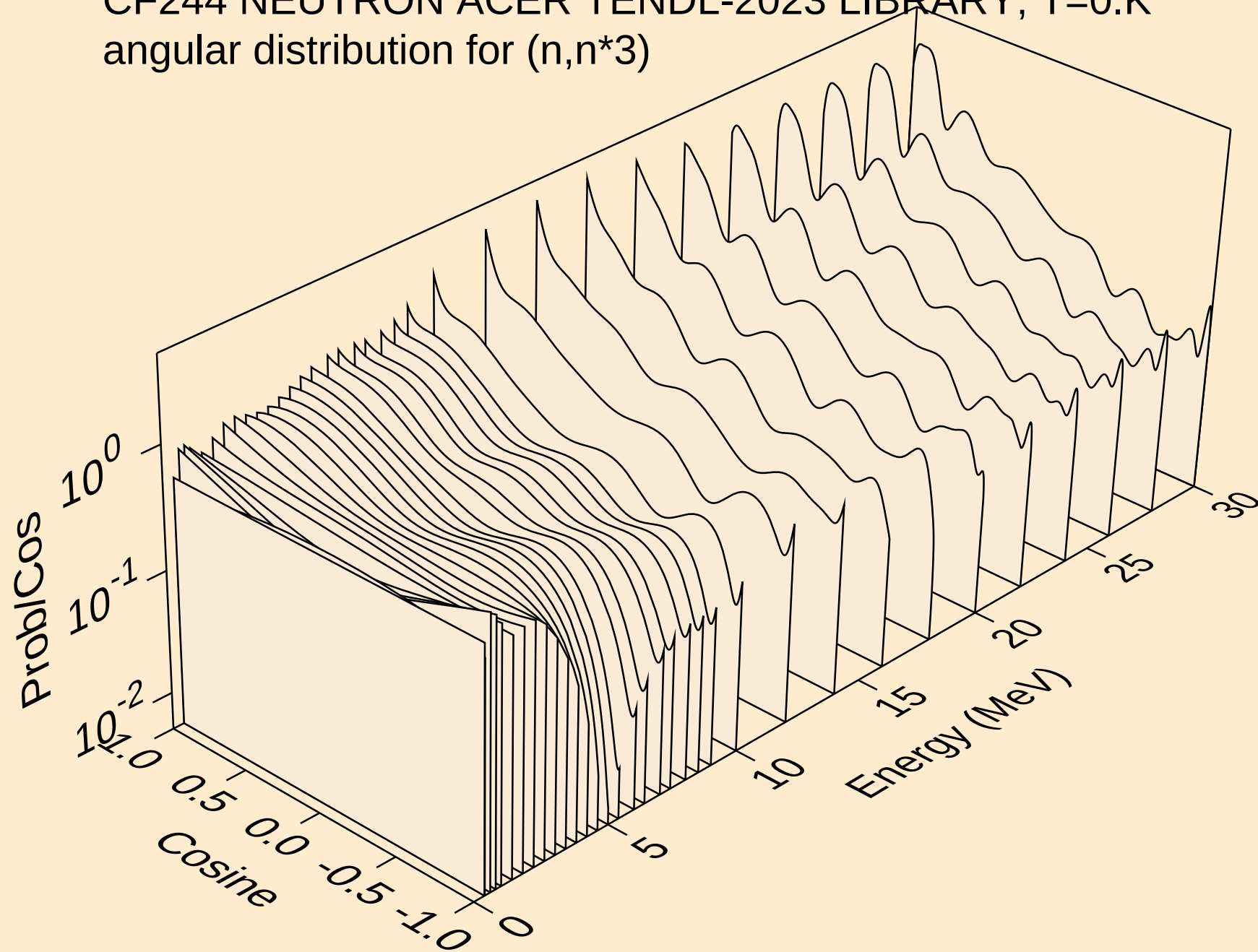
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



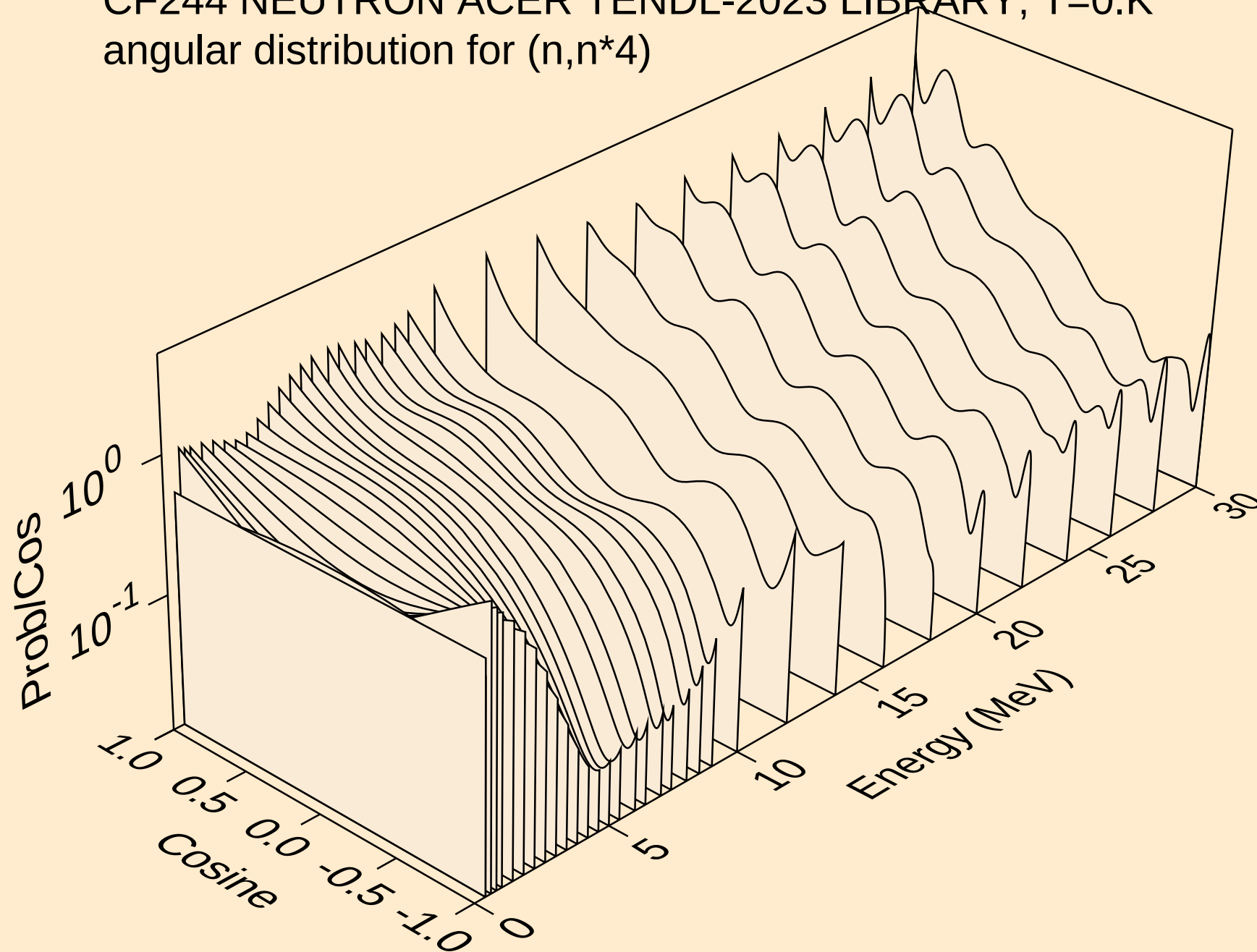
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



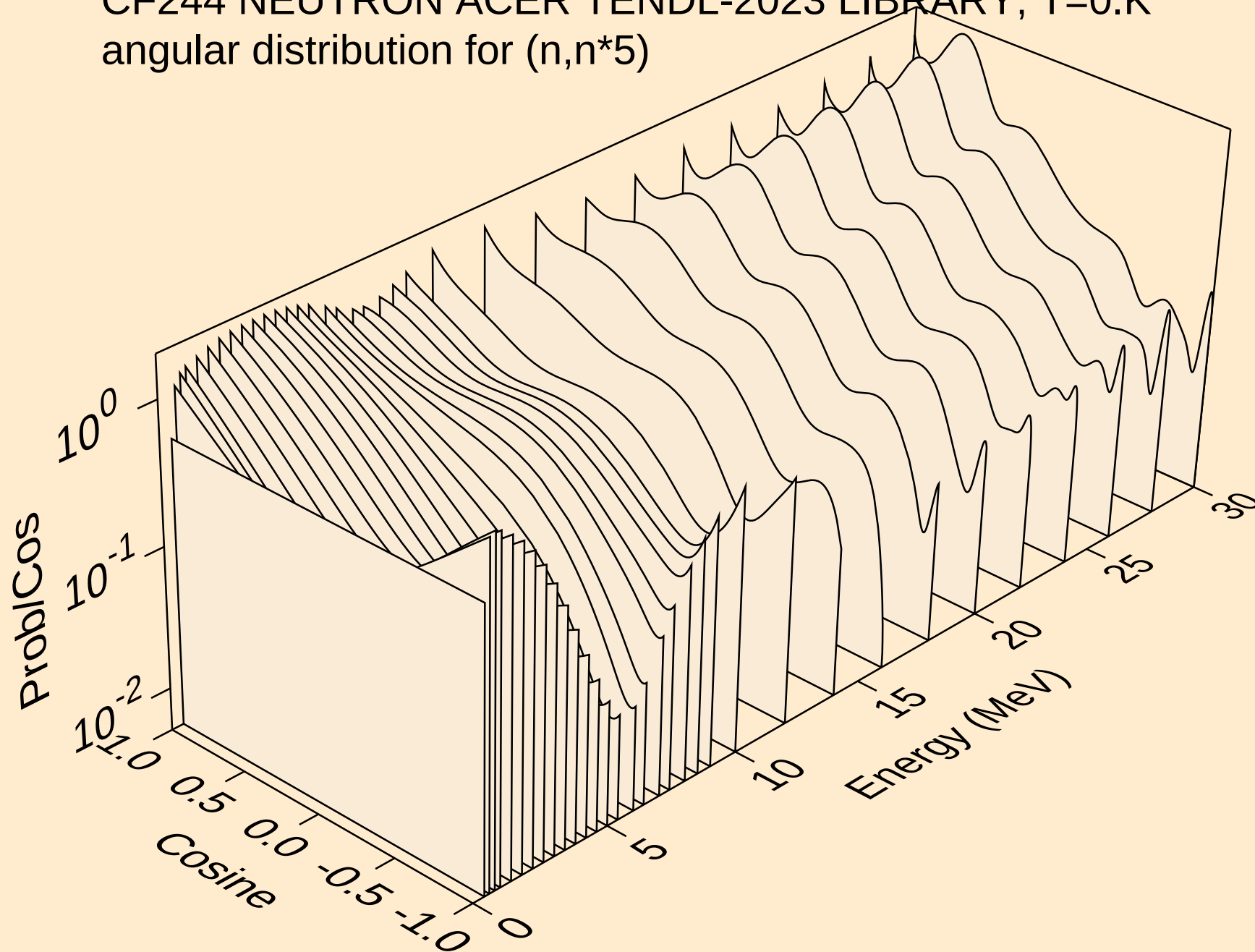
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angular distribution for (n,n*3)



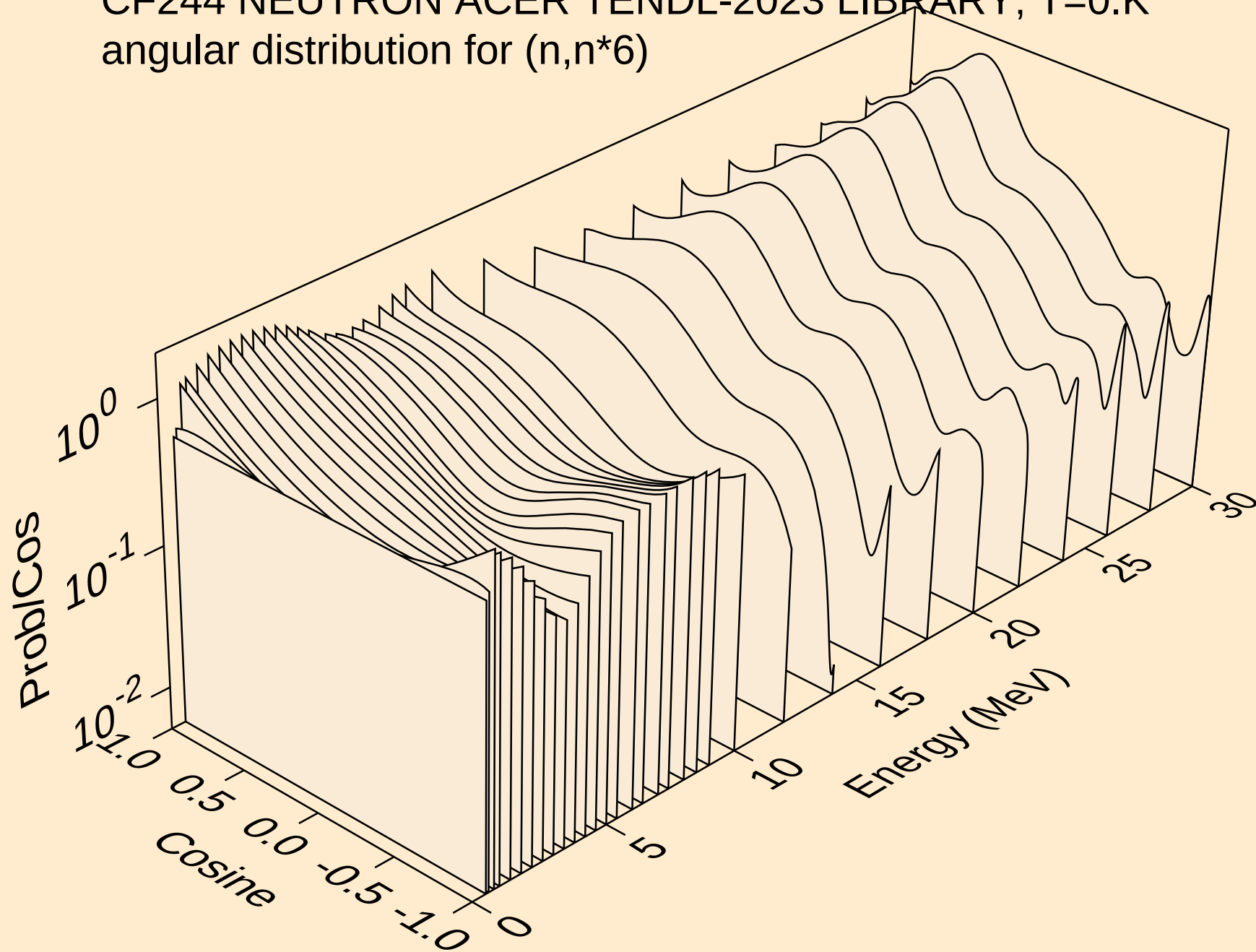
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angular distribution for (n,n*4)



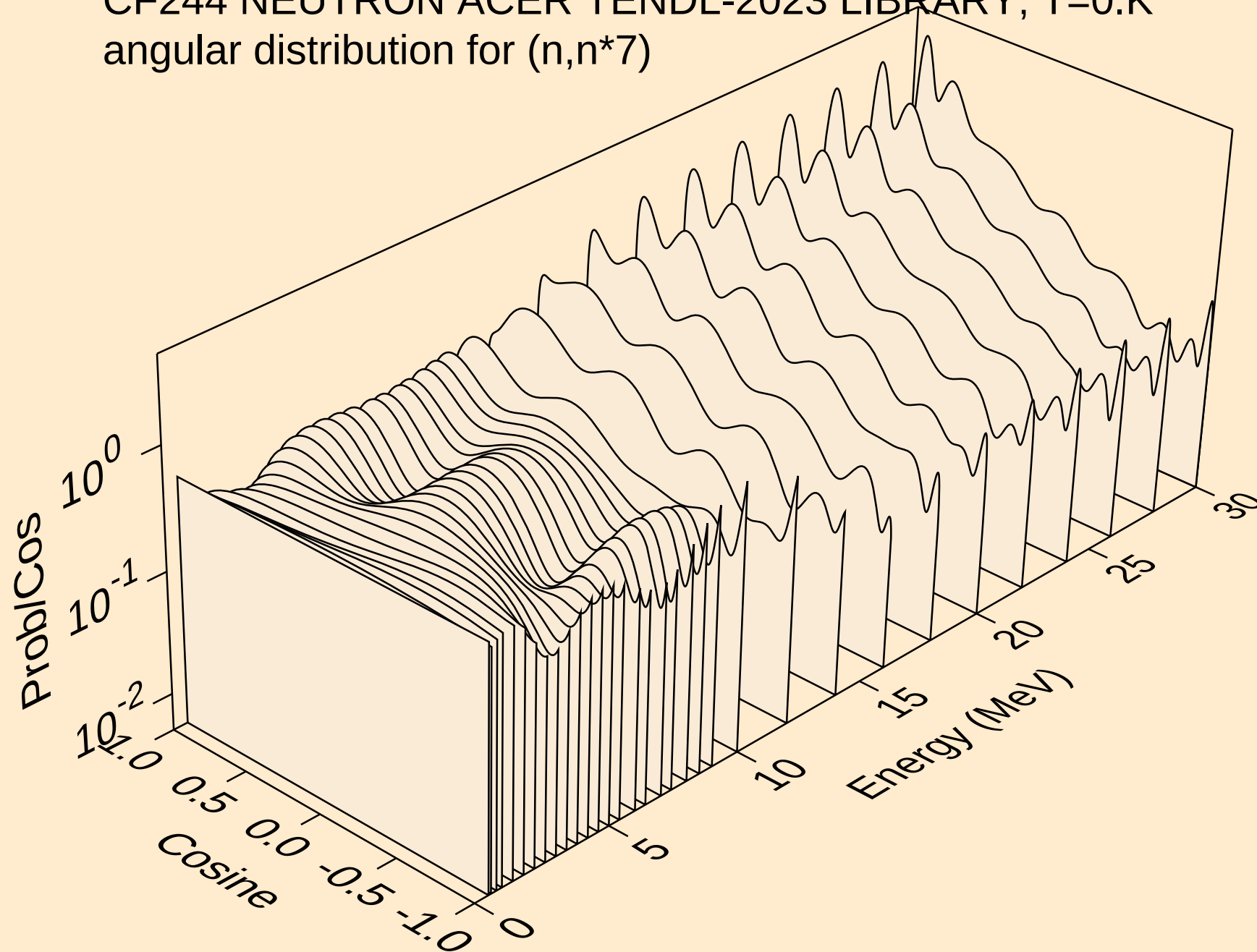
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angular distribution for (n,n*5)



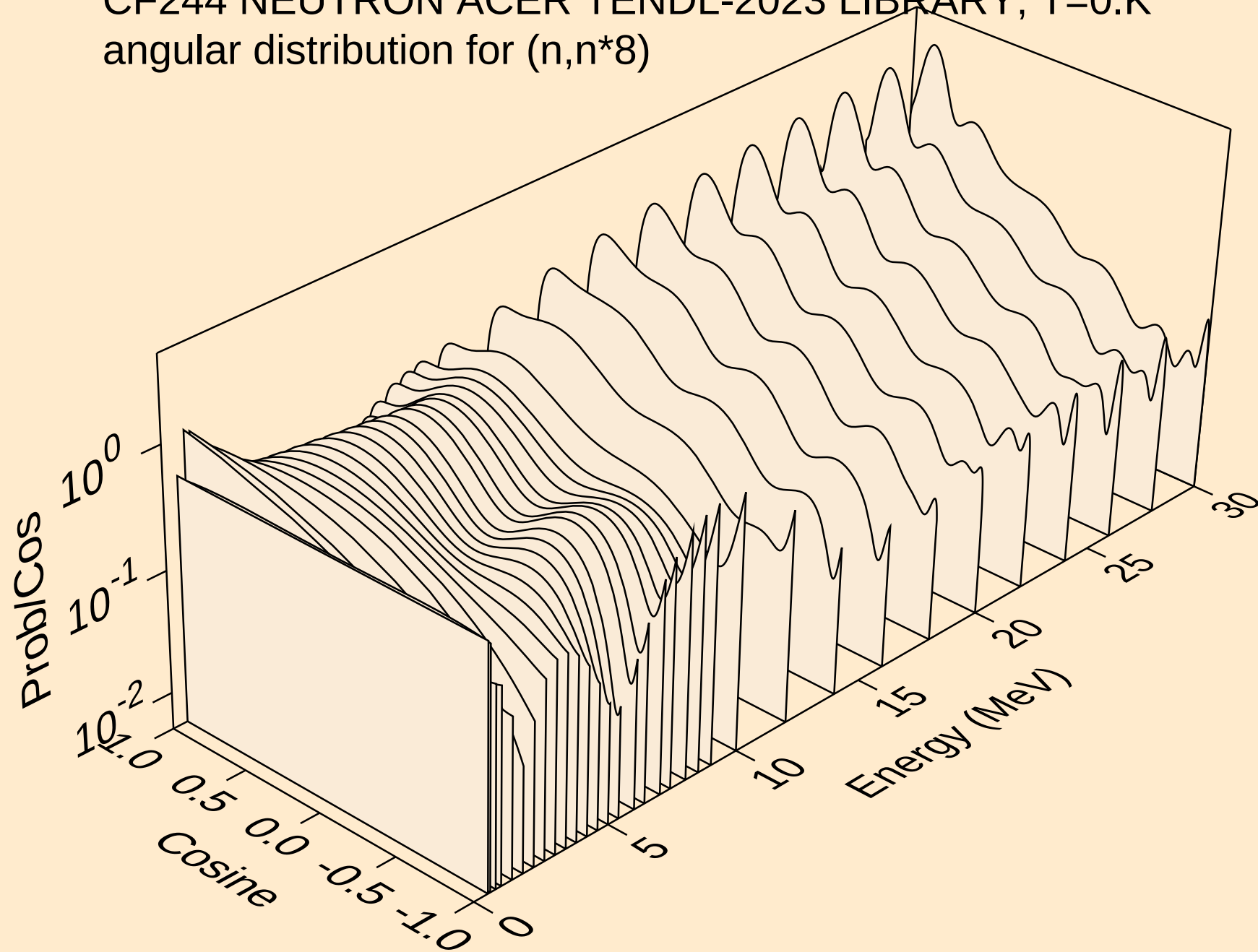
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angular distribution for (n,n*6)



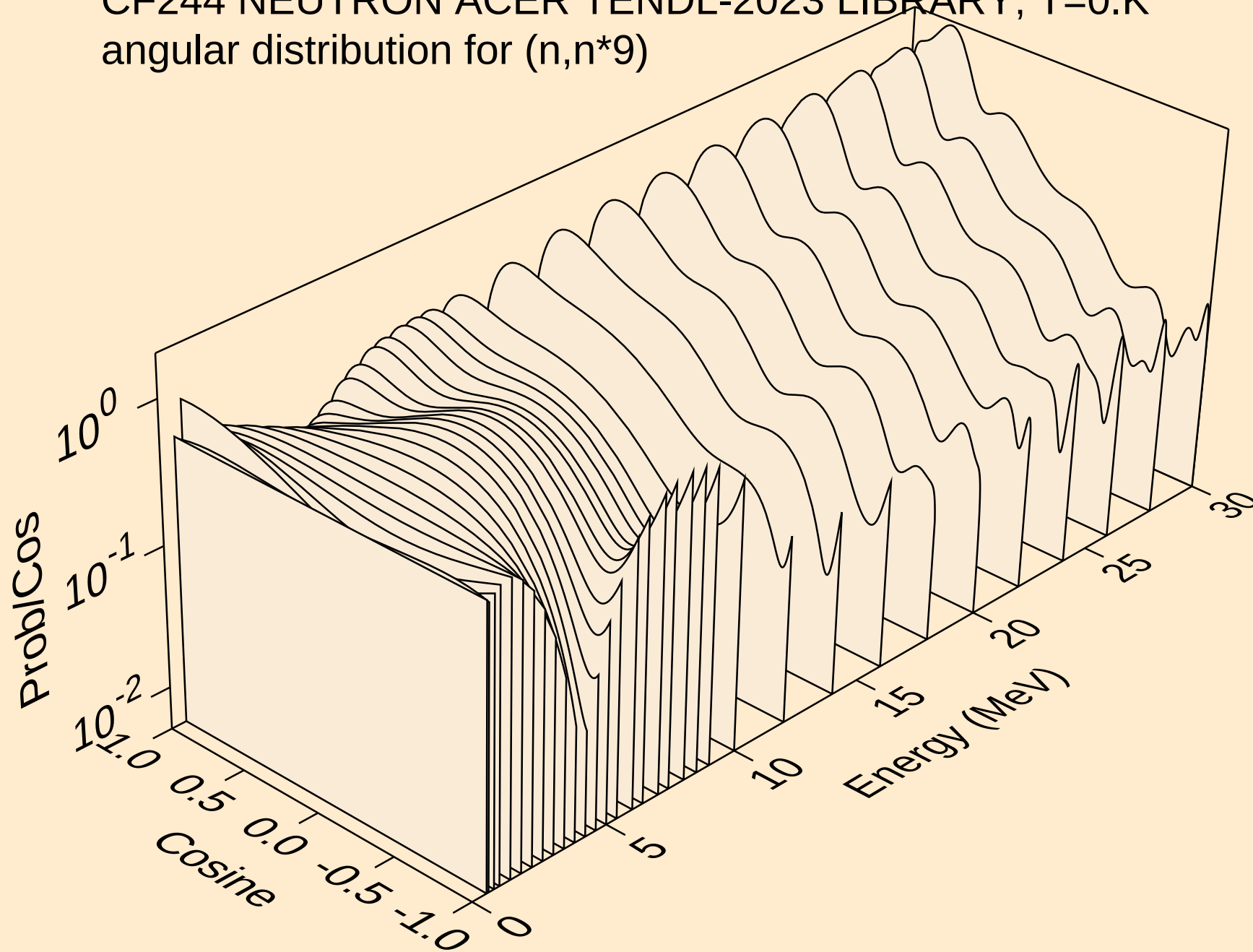
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angular distribution for (n,n*7)



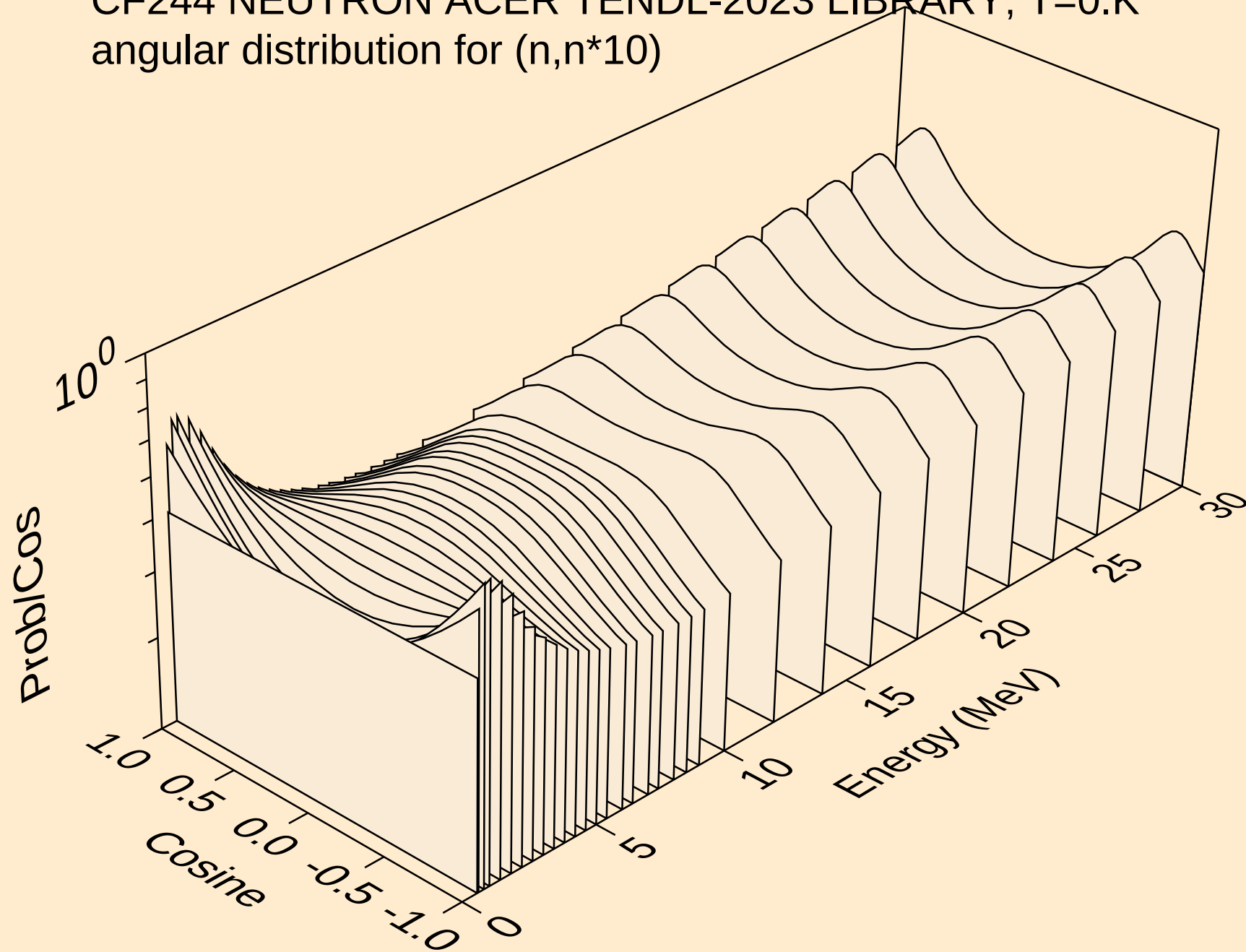
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angular distribution for (n,n*8)



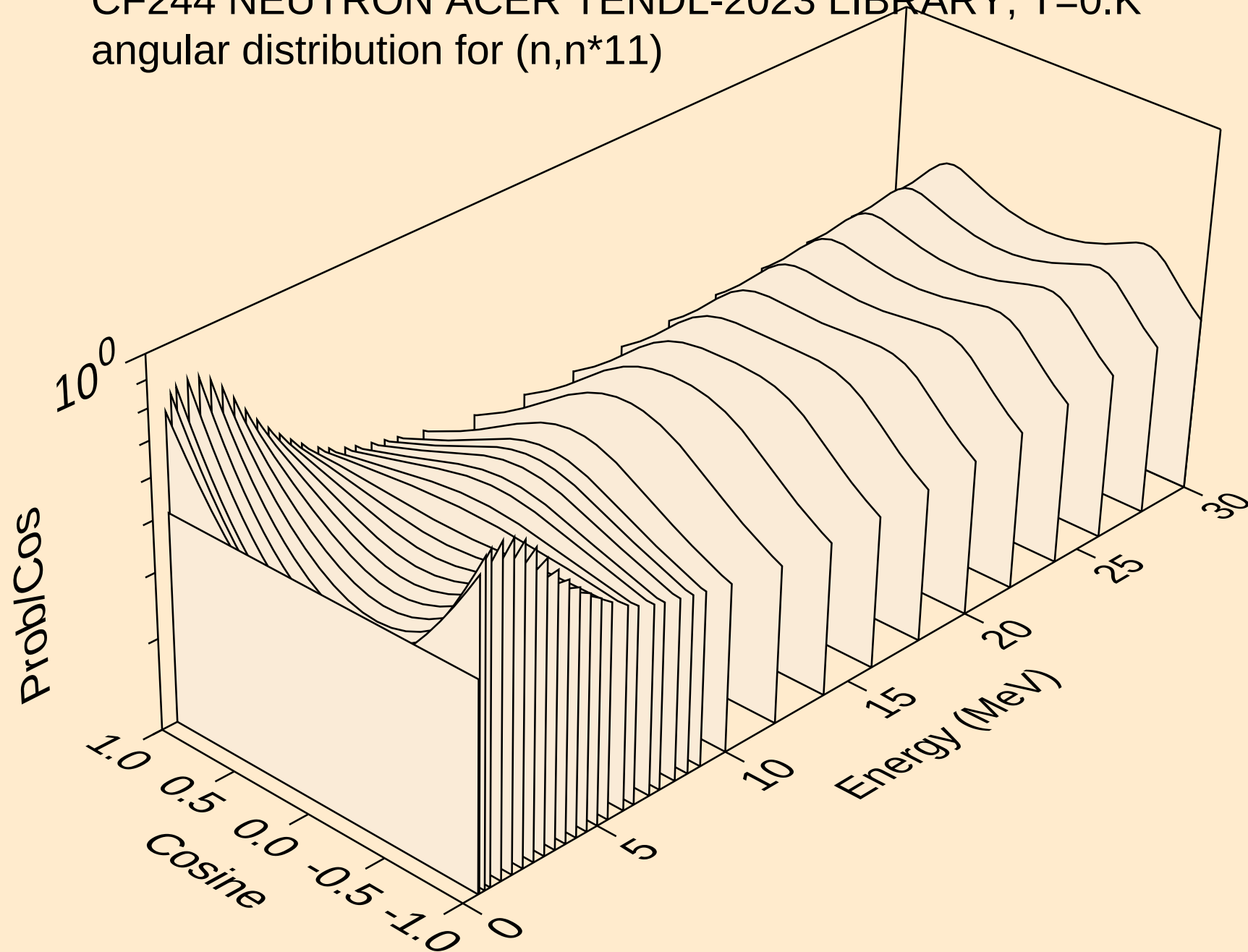
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angular distribution for (n,n*9)



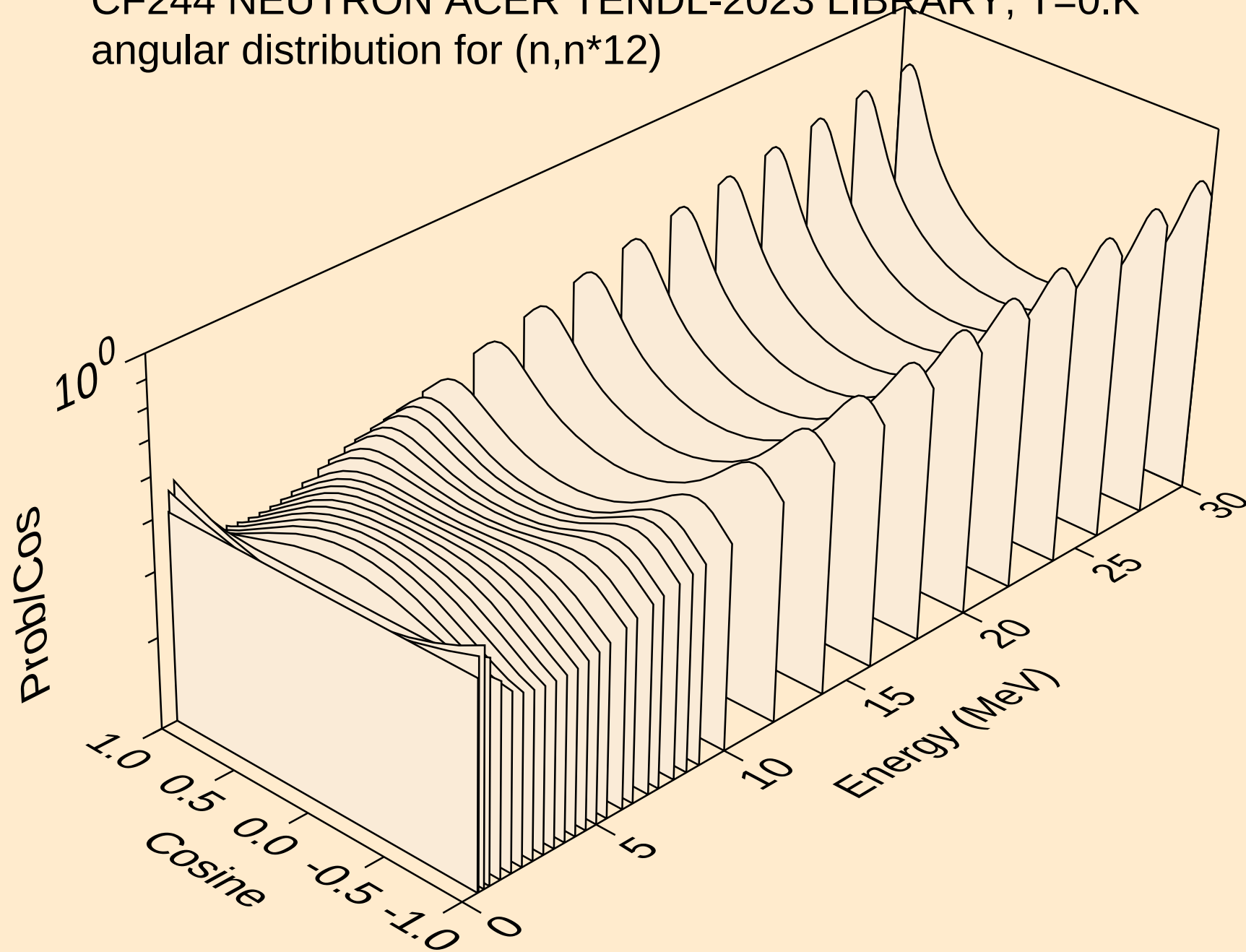
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angular distribution for (n,n*10)



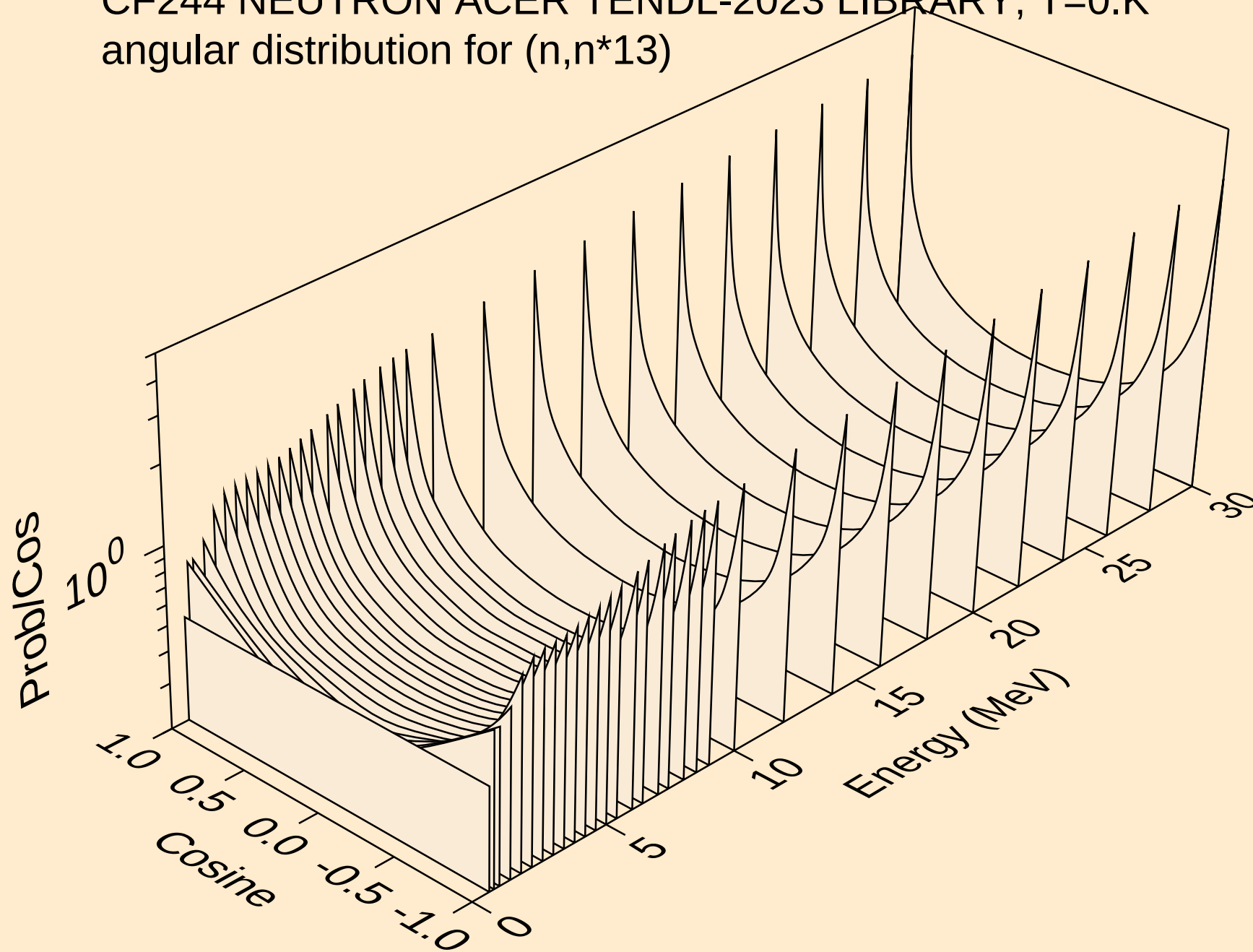
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angular distribution for (n,n*11)



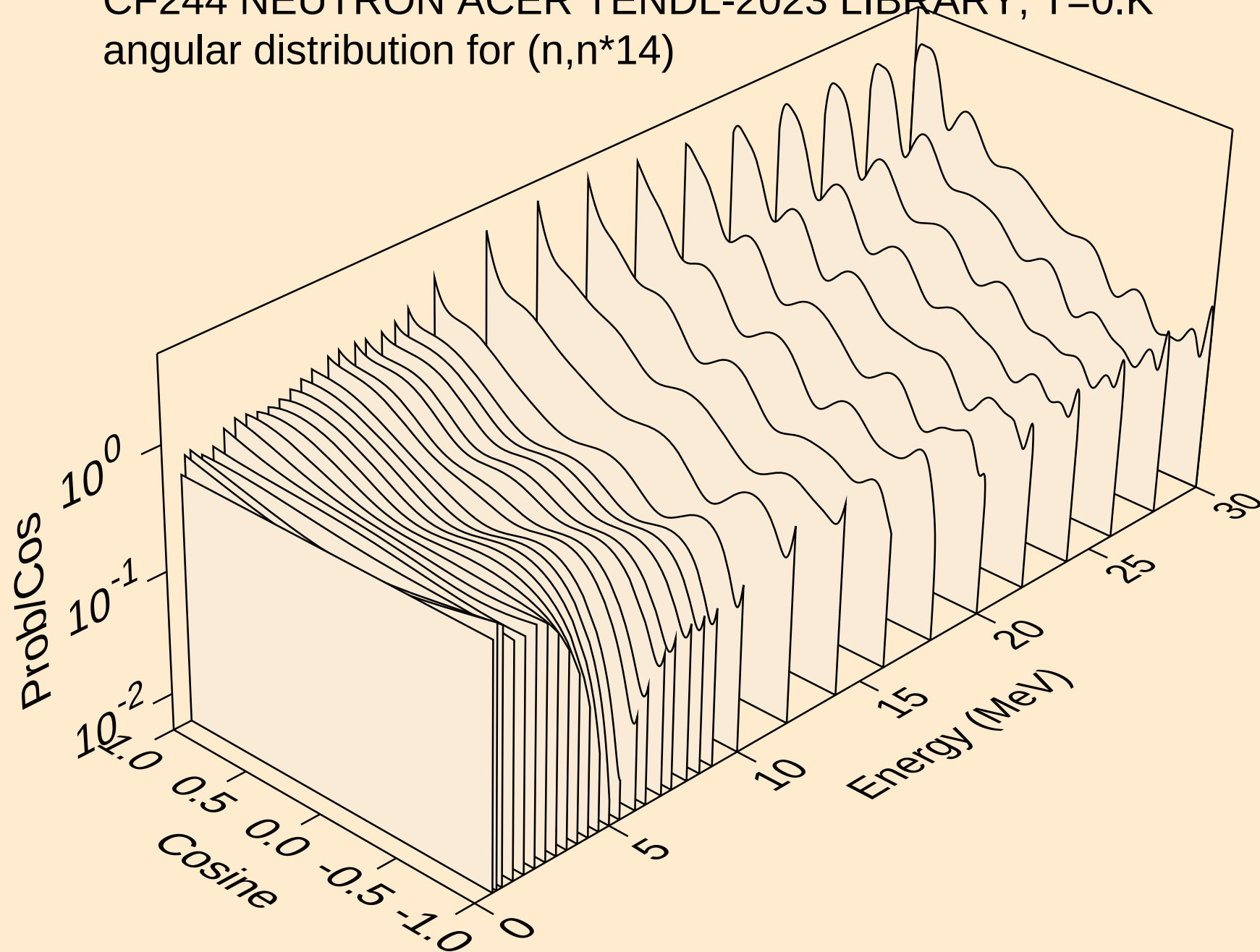
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angular distribution for (n,n*12)



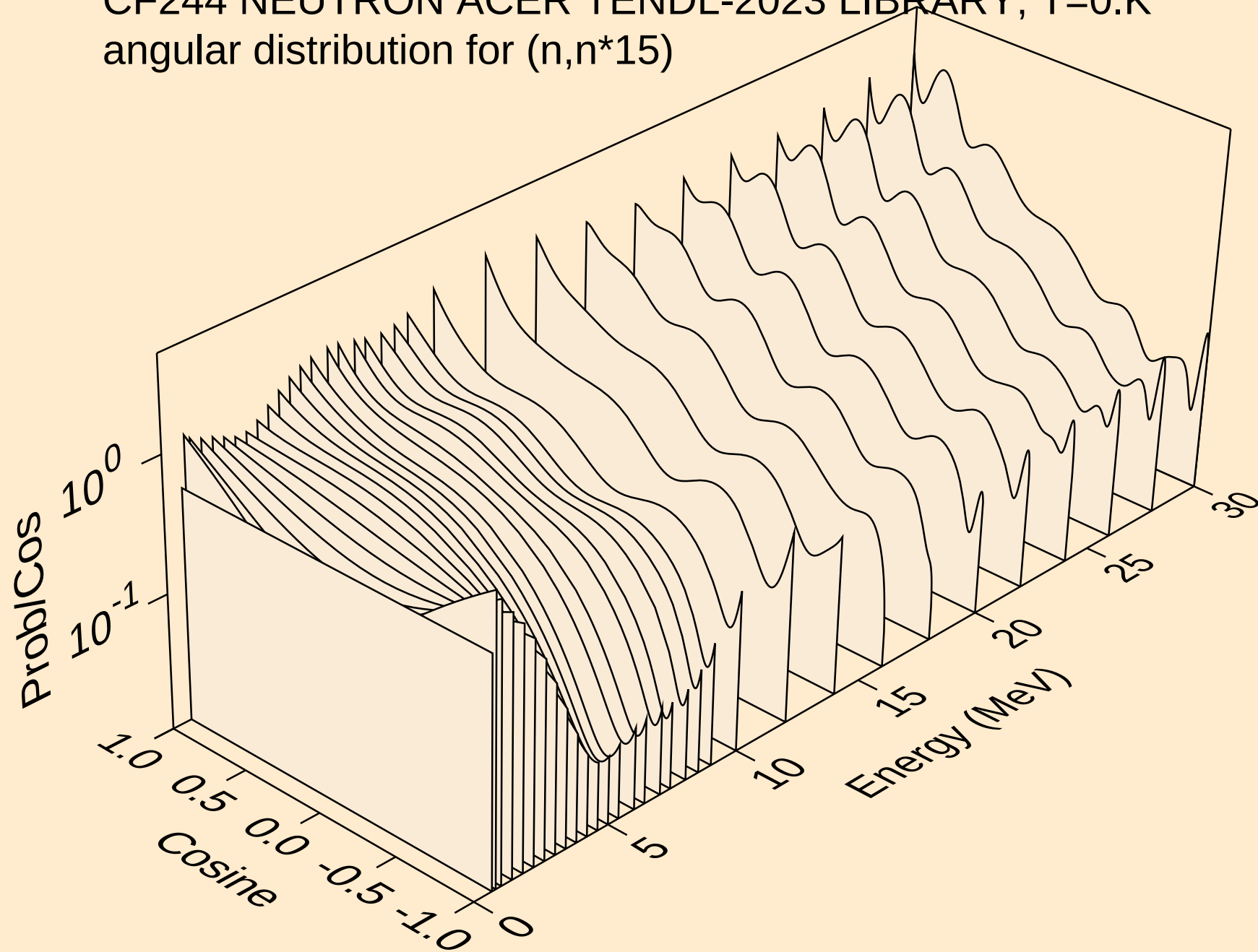
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angular distribution for (n,n*13)



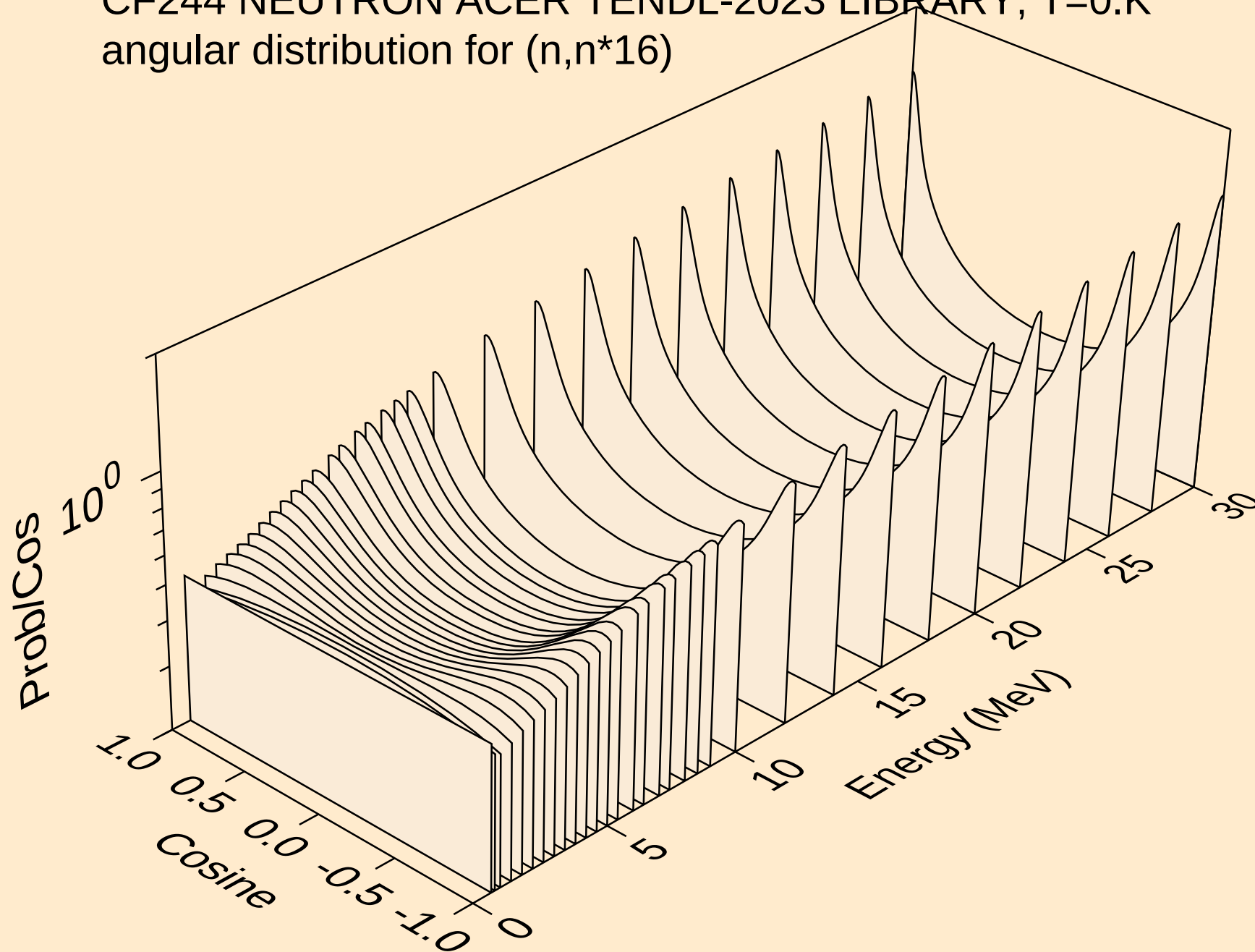
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angular distribution for (n,n*14)



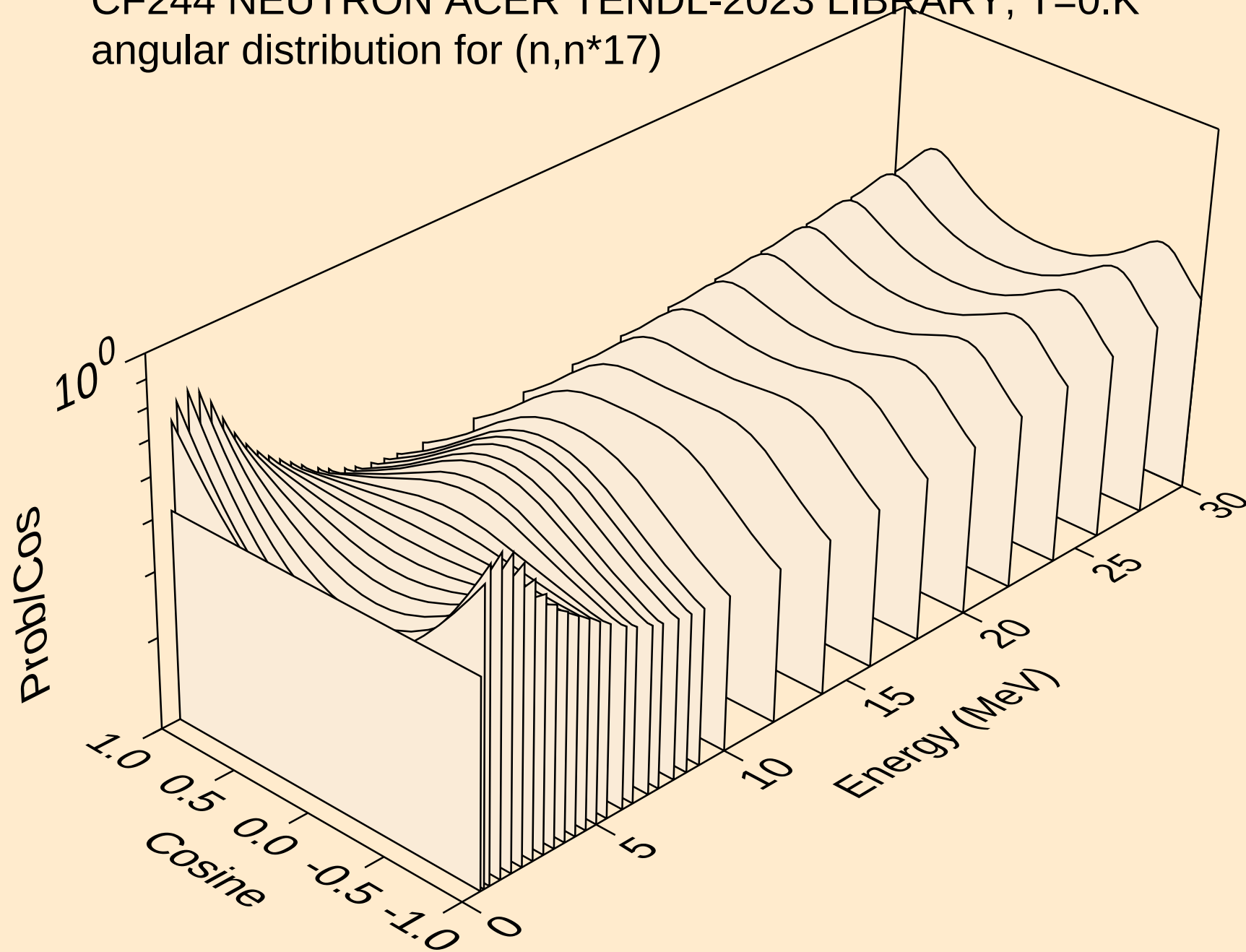
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angular distribution for (n,n*15)



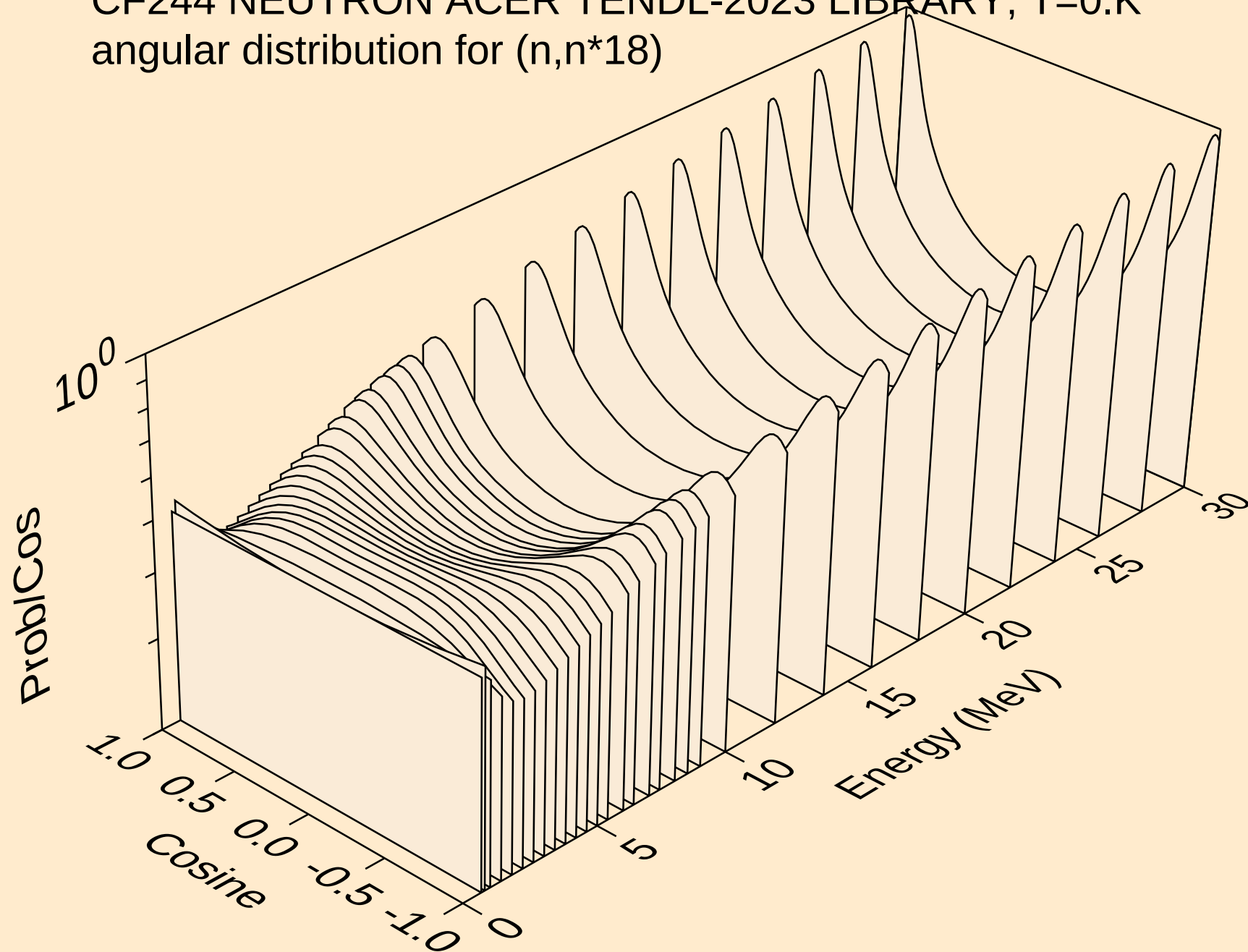
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angular distribution for (n,n*16)



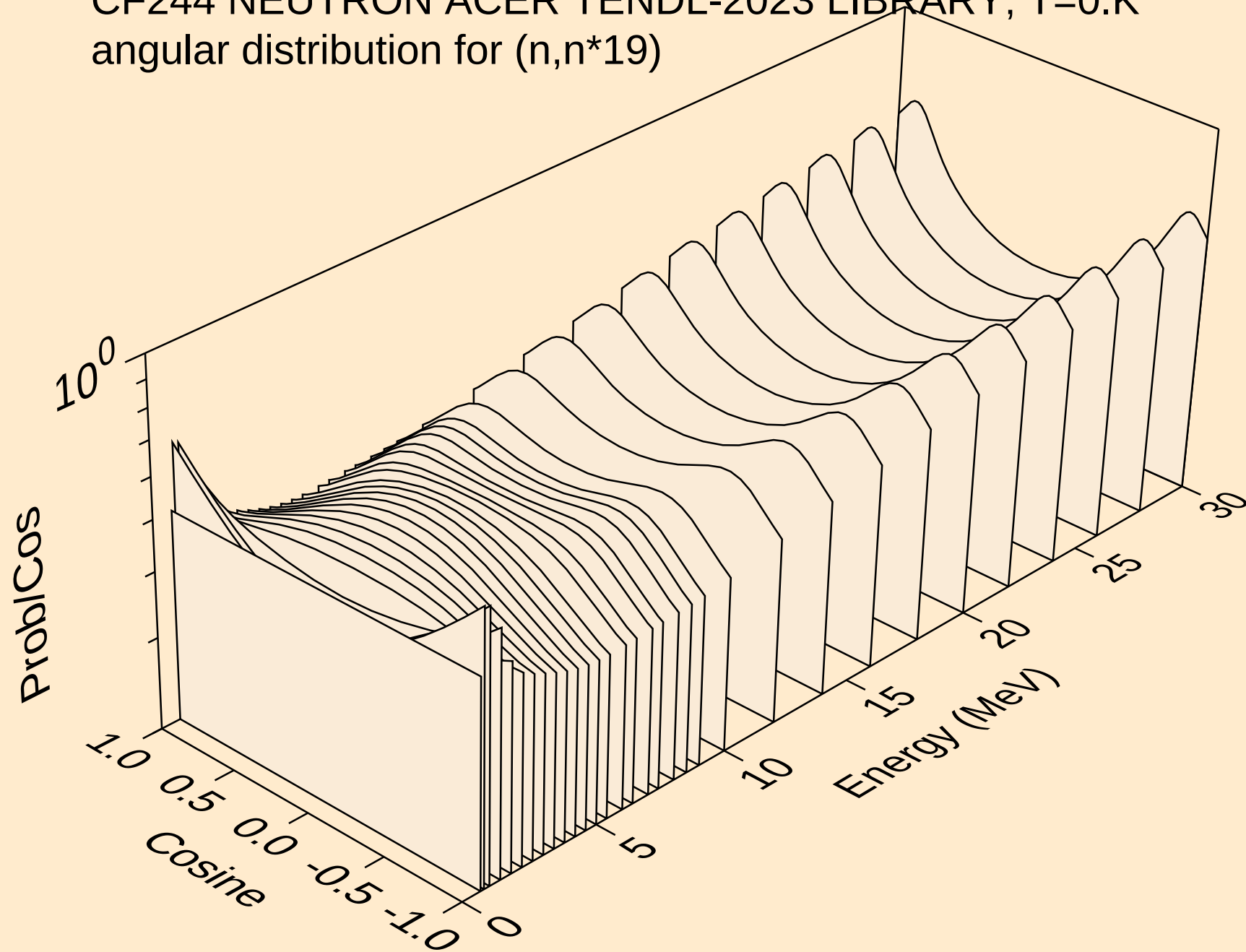
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angular distribution for (n,n*17)



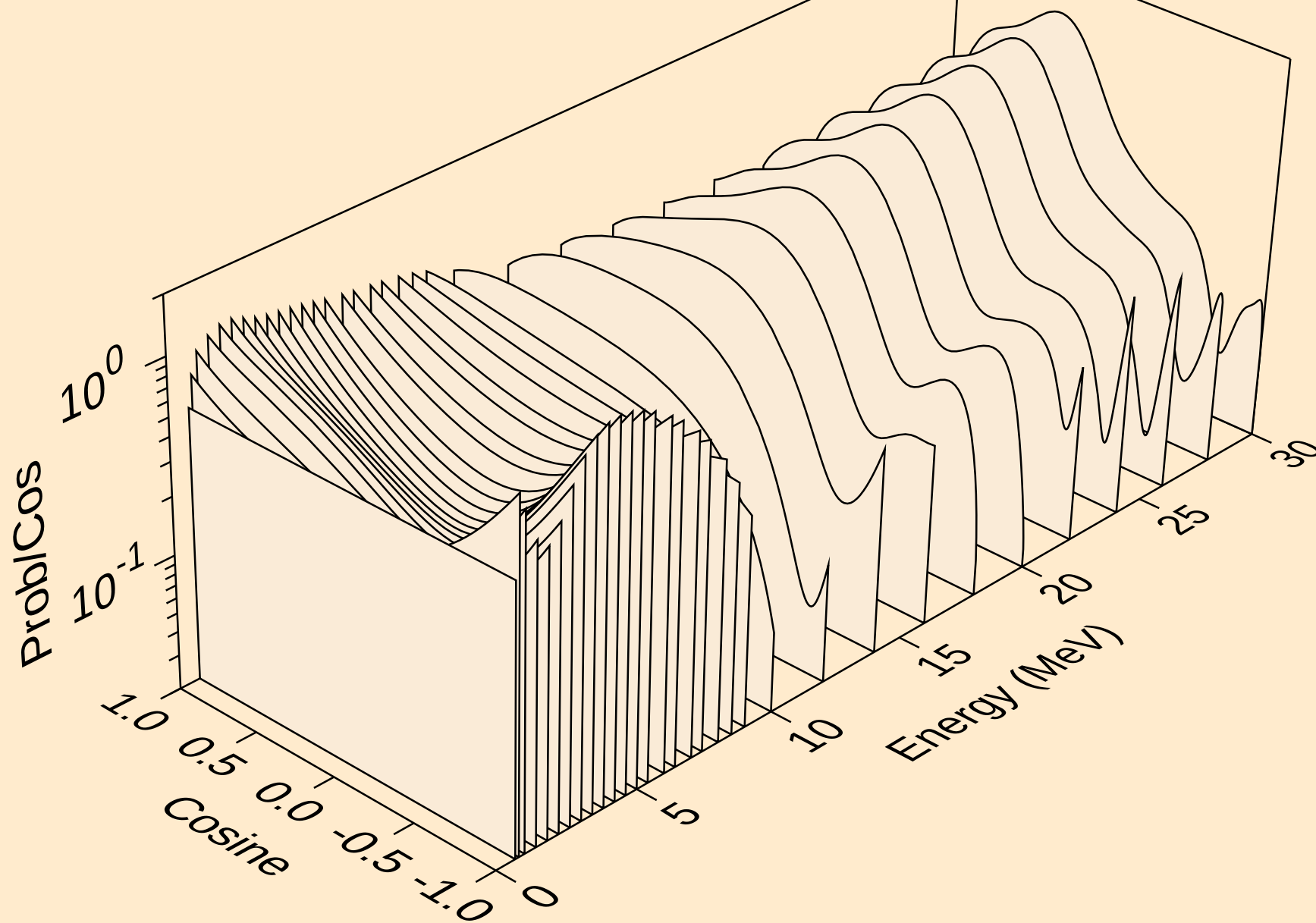
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angular distribution for (n,n*18)



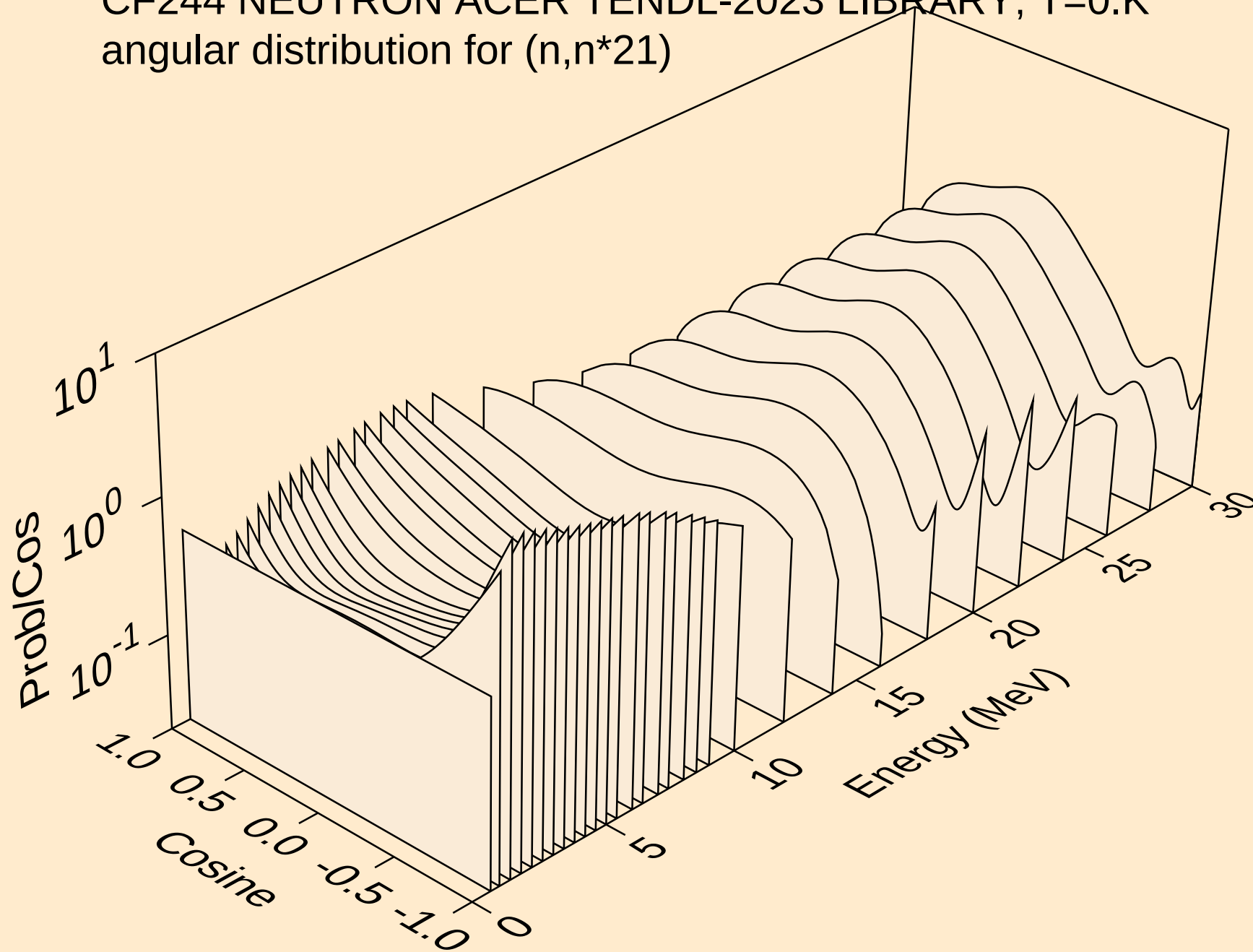
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angular distribution for (n,n*19)



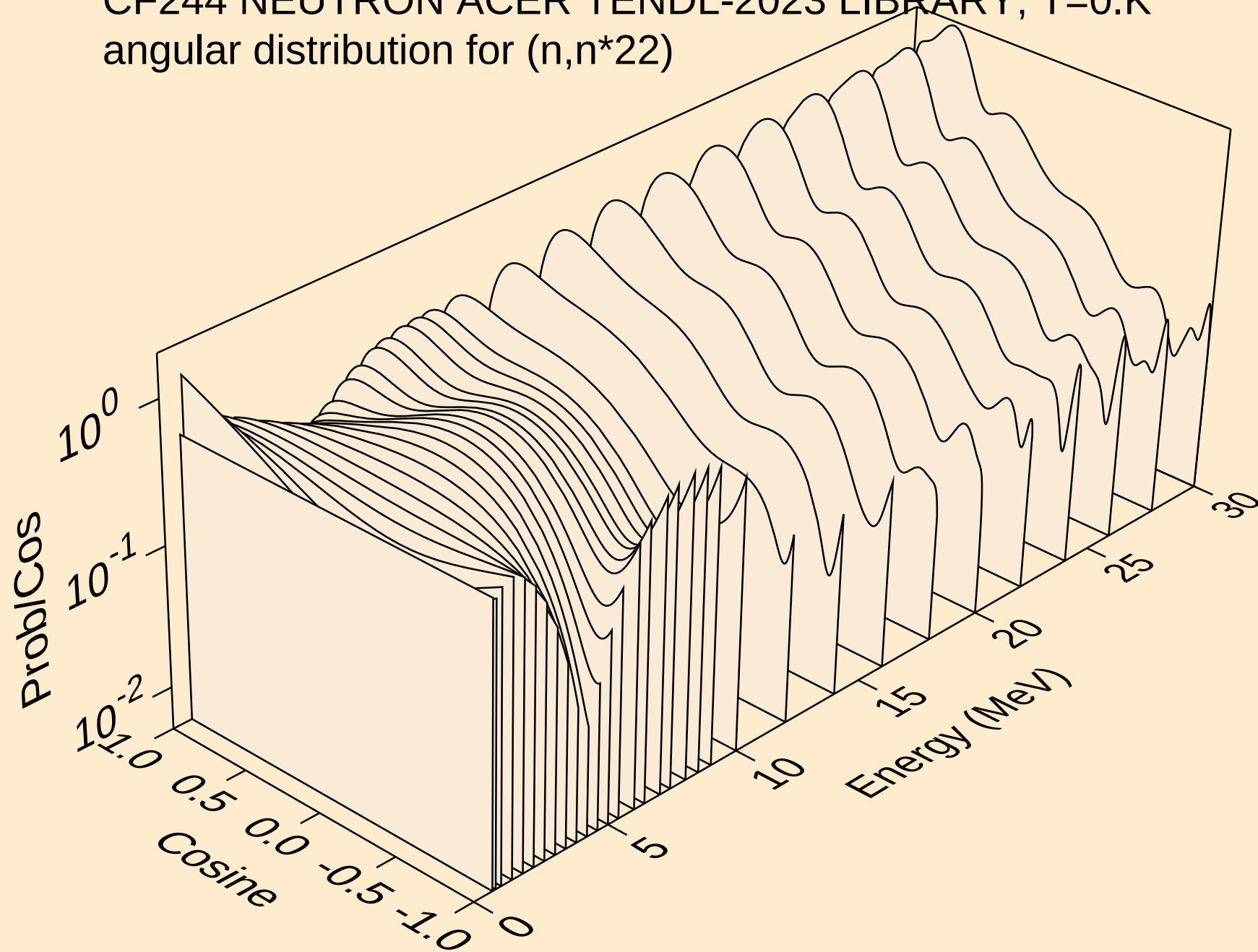
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angular distribution for (n,n*20)



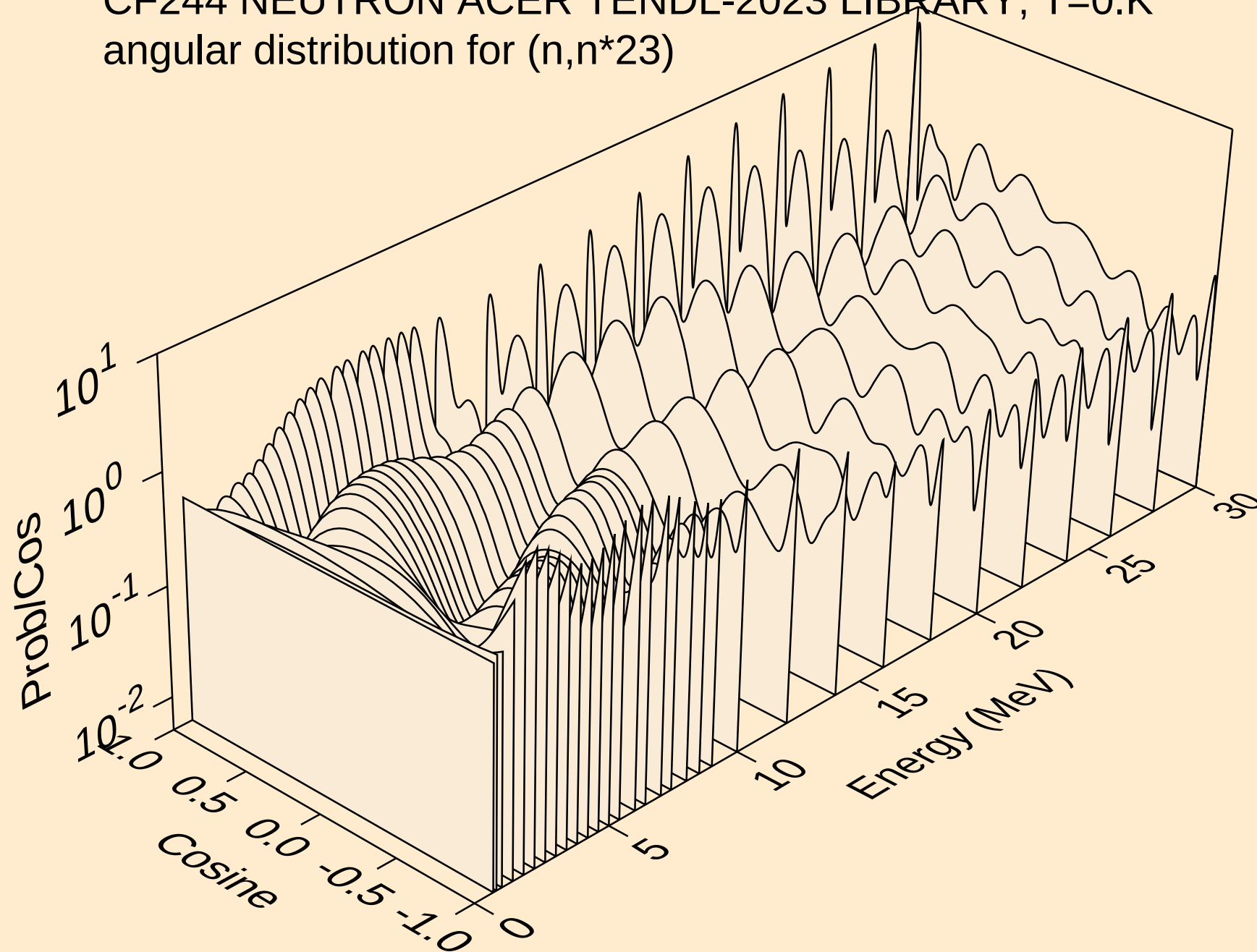
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angular distribution for (n,n*21)



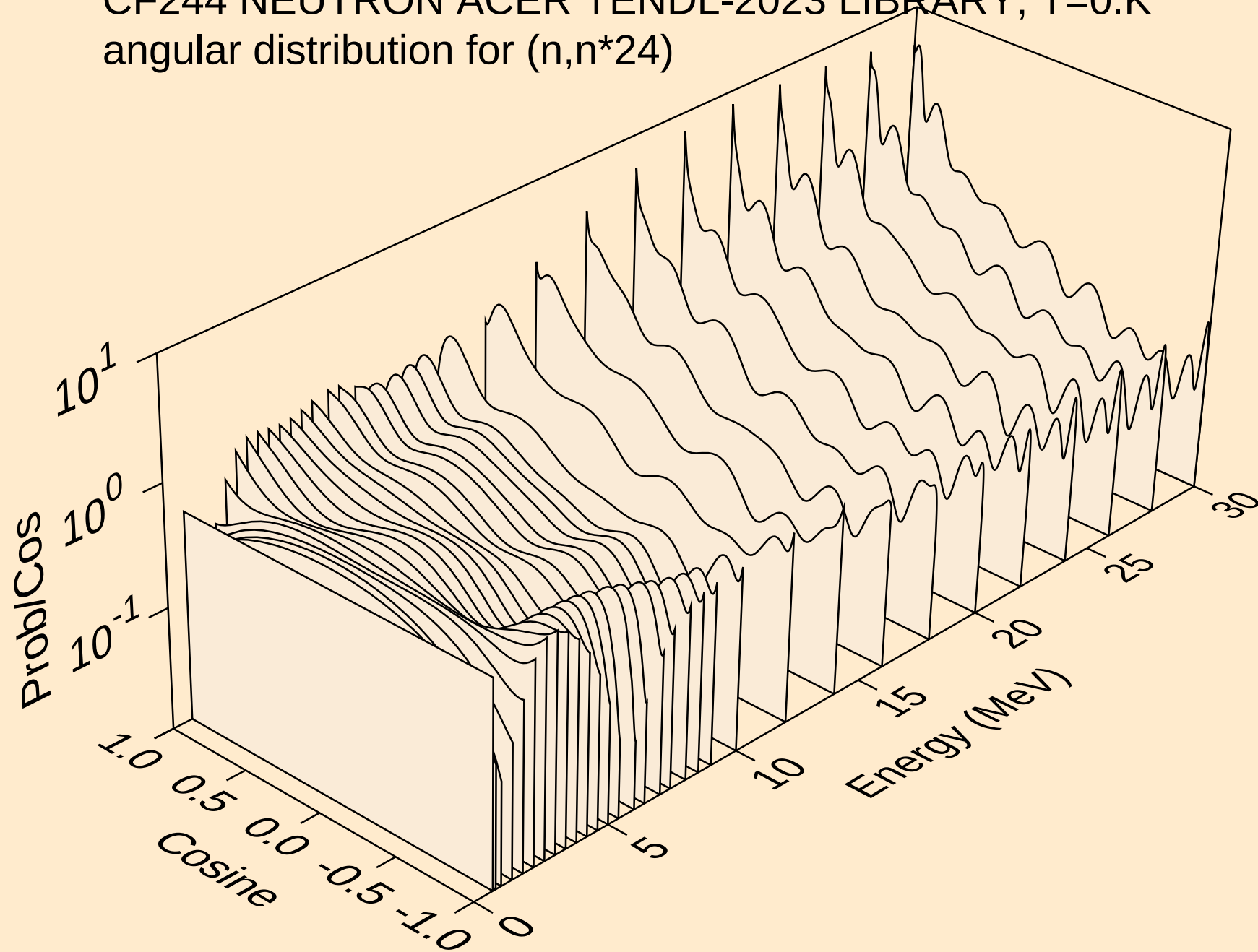
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*22)



CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*23)

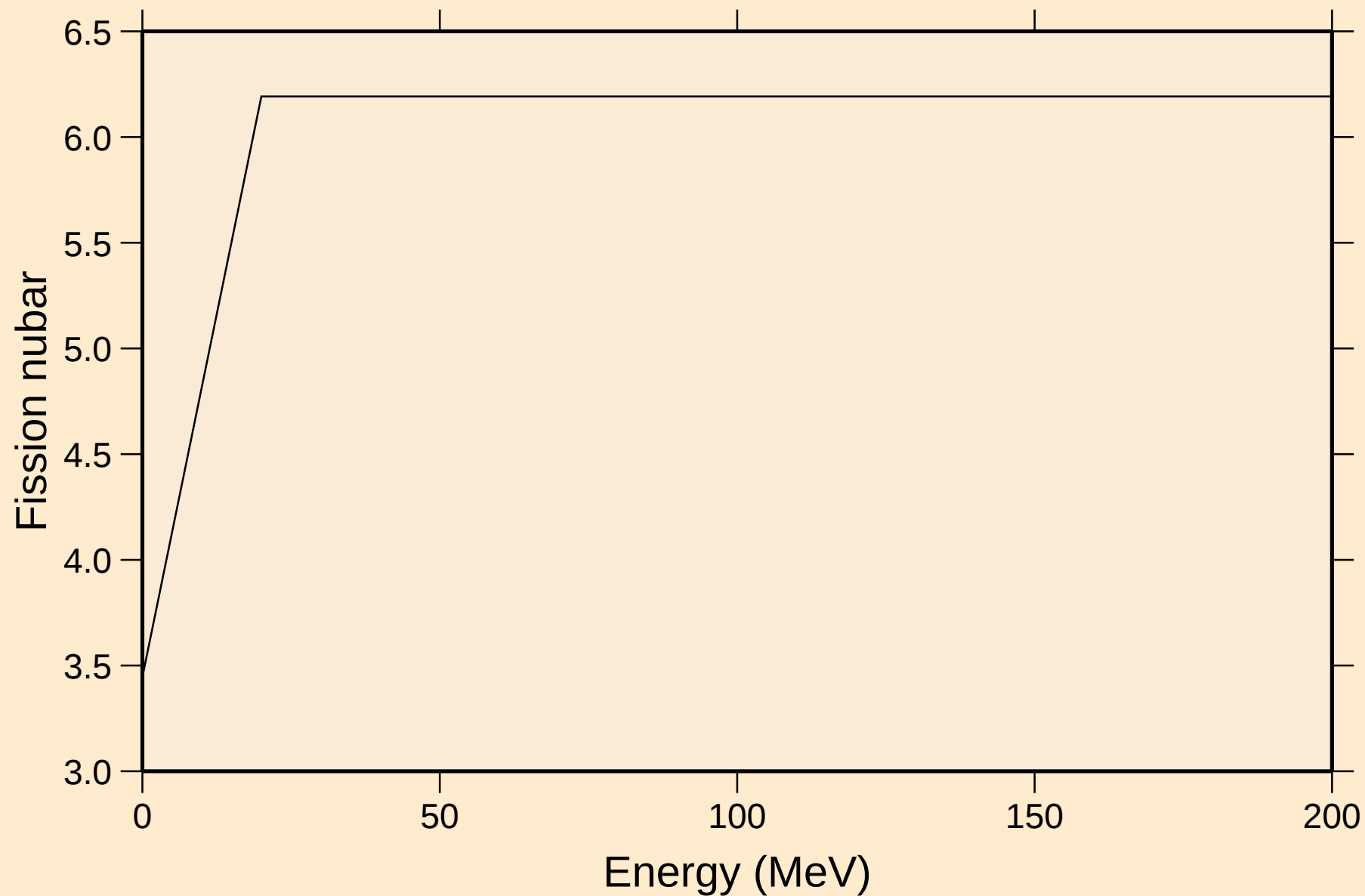


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*24)

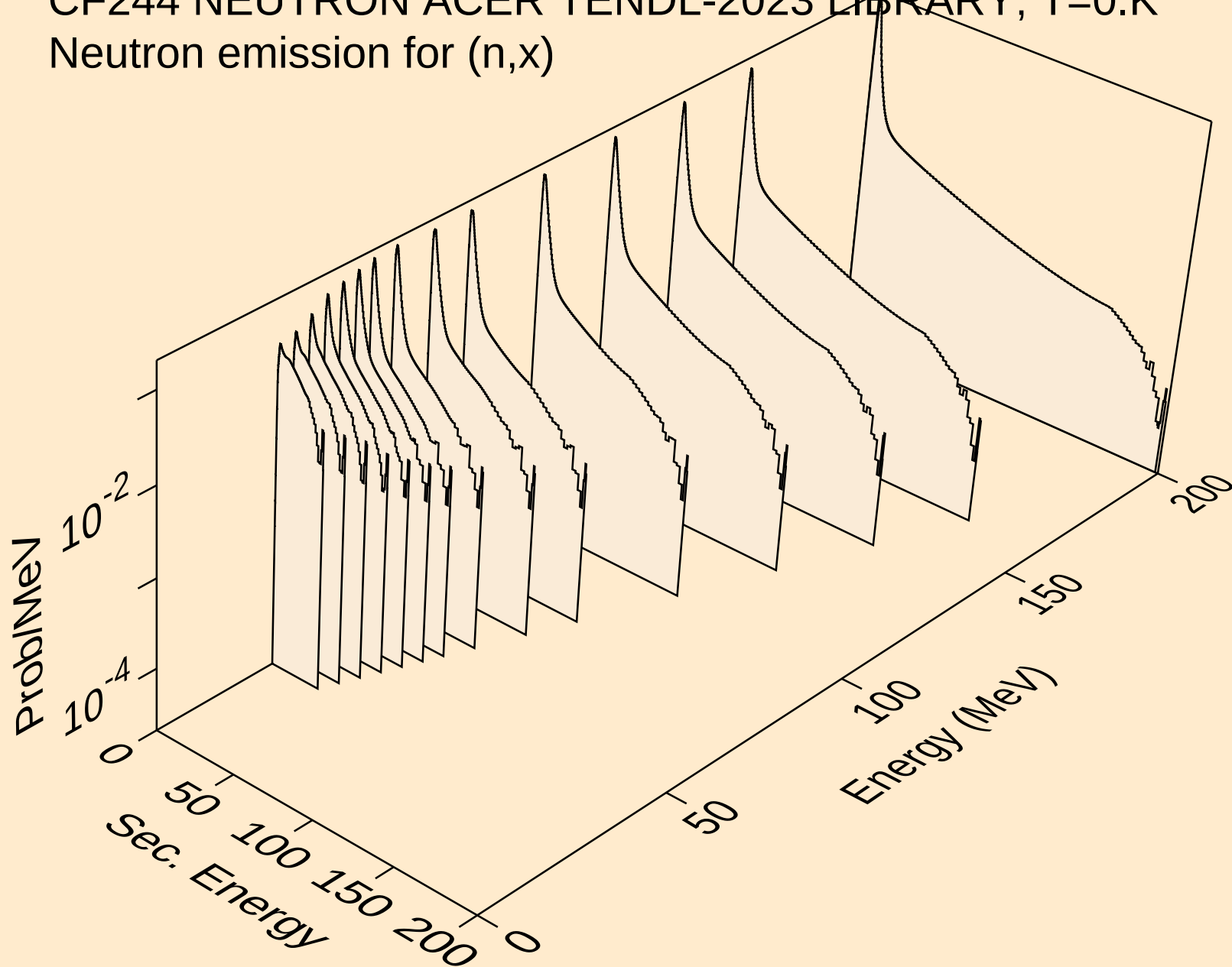


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

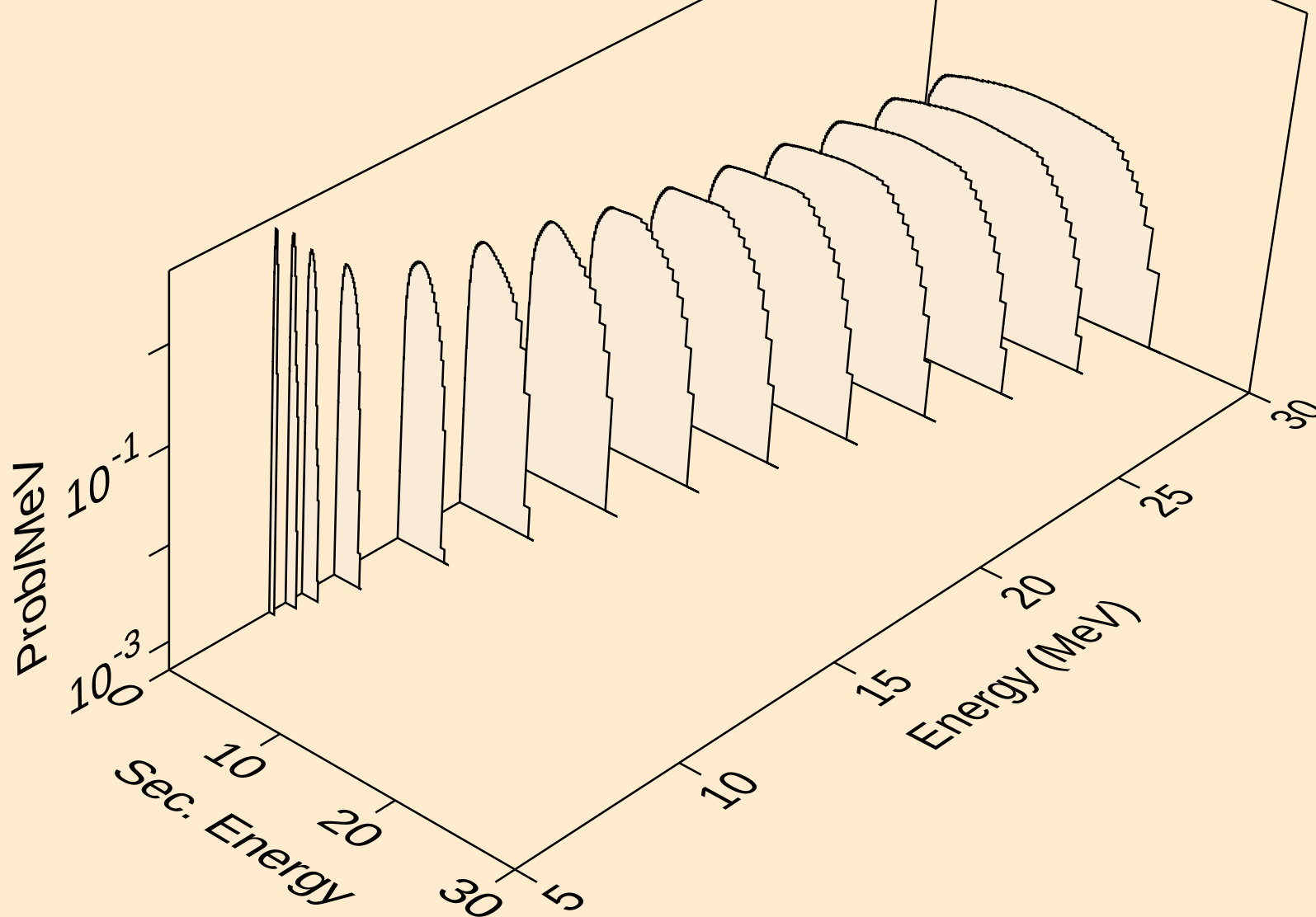
Total fission nubar



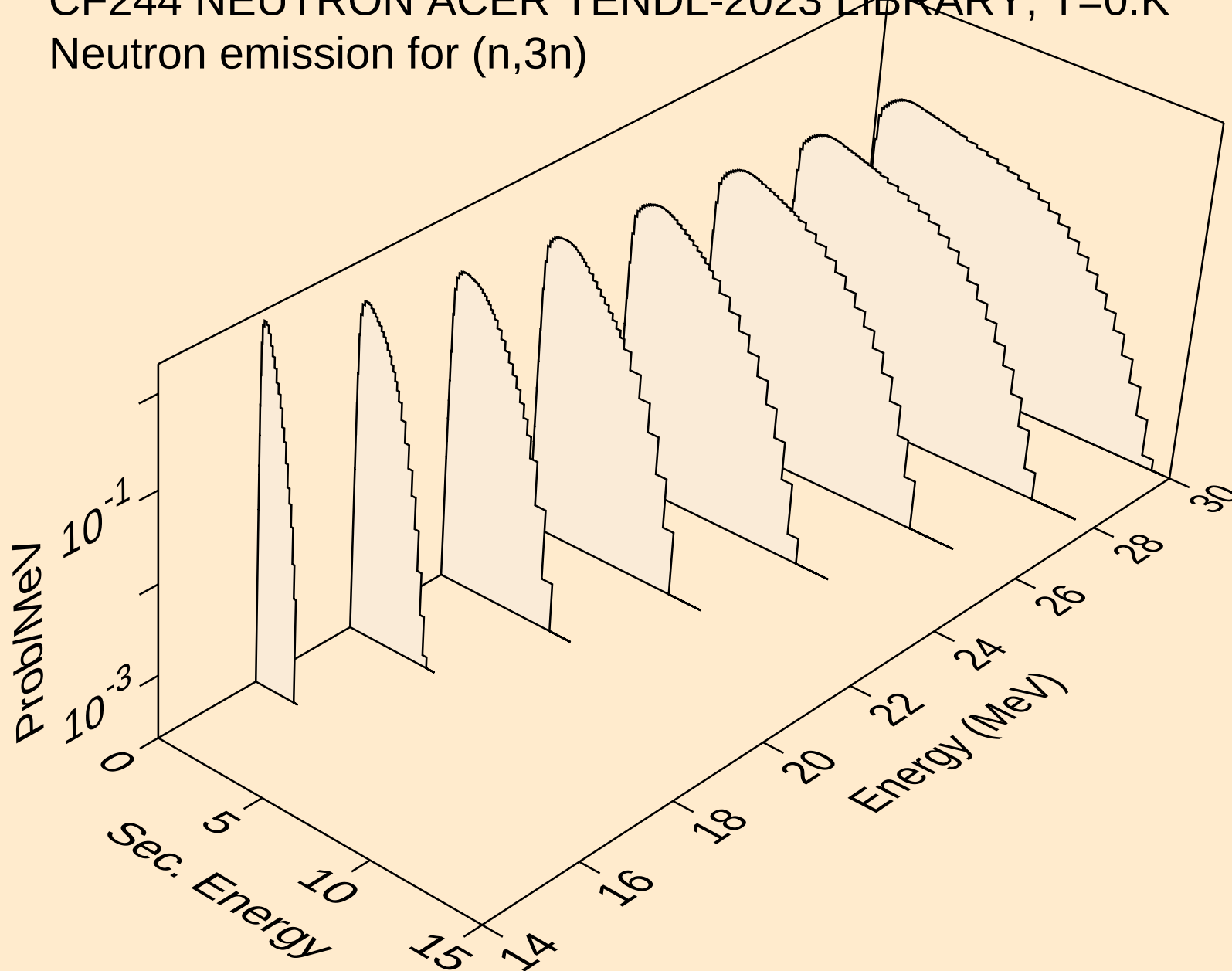
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



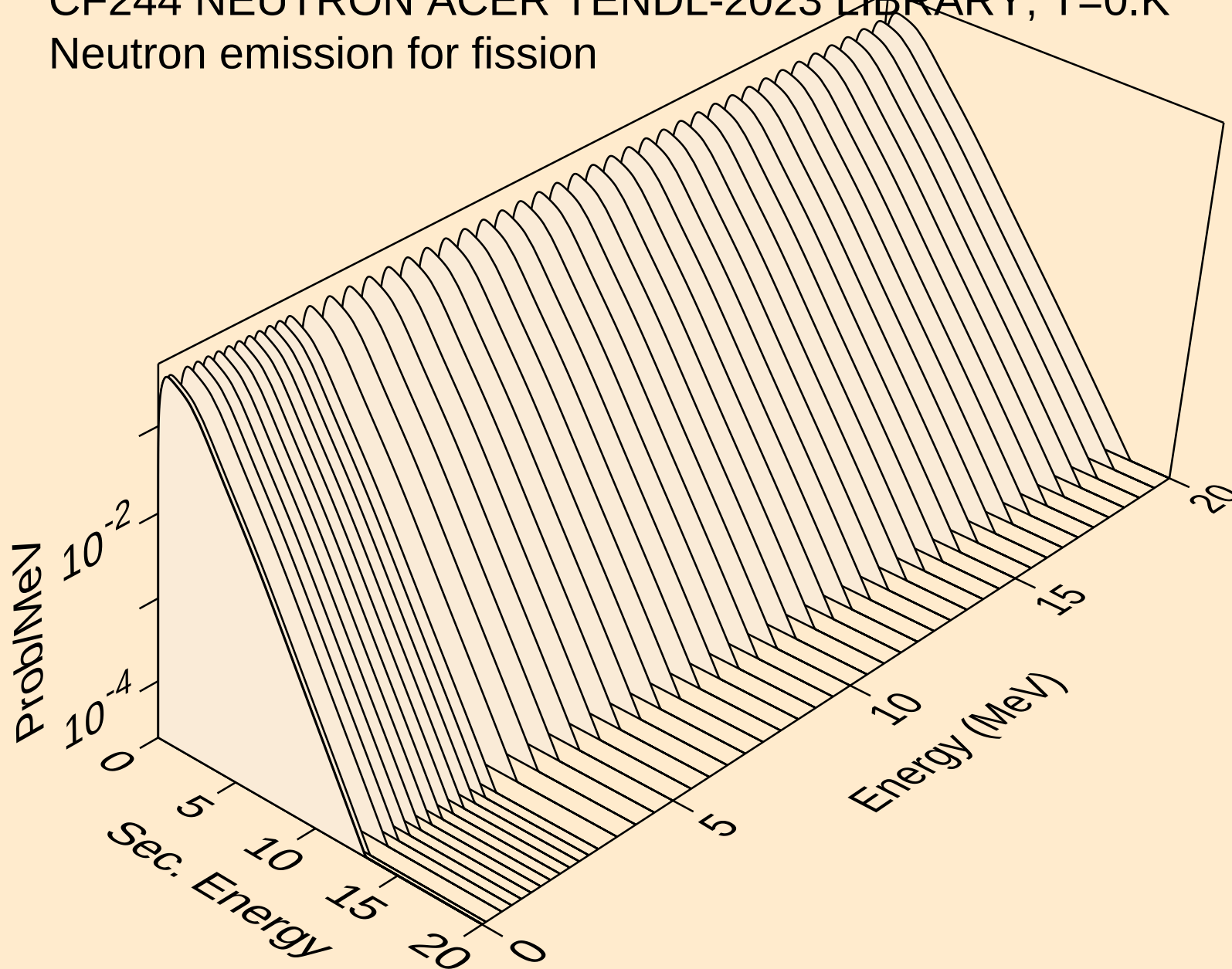
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



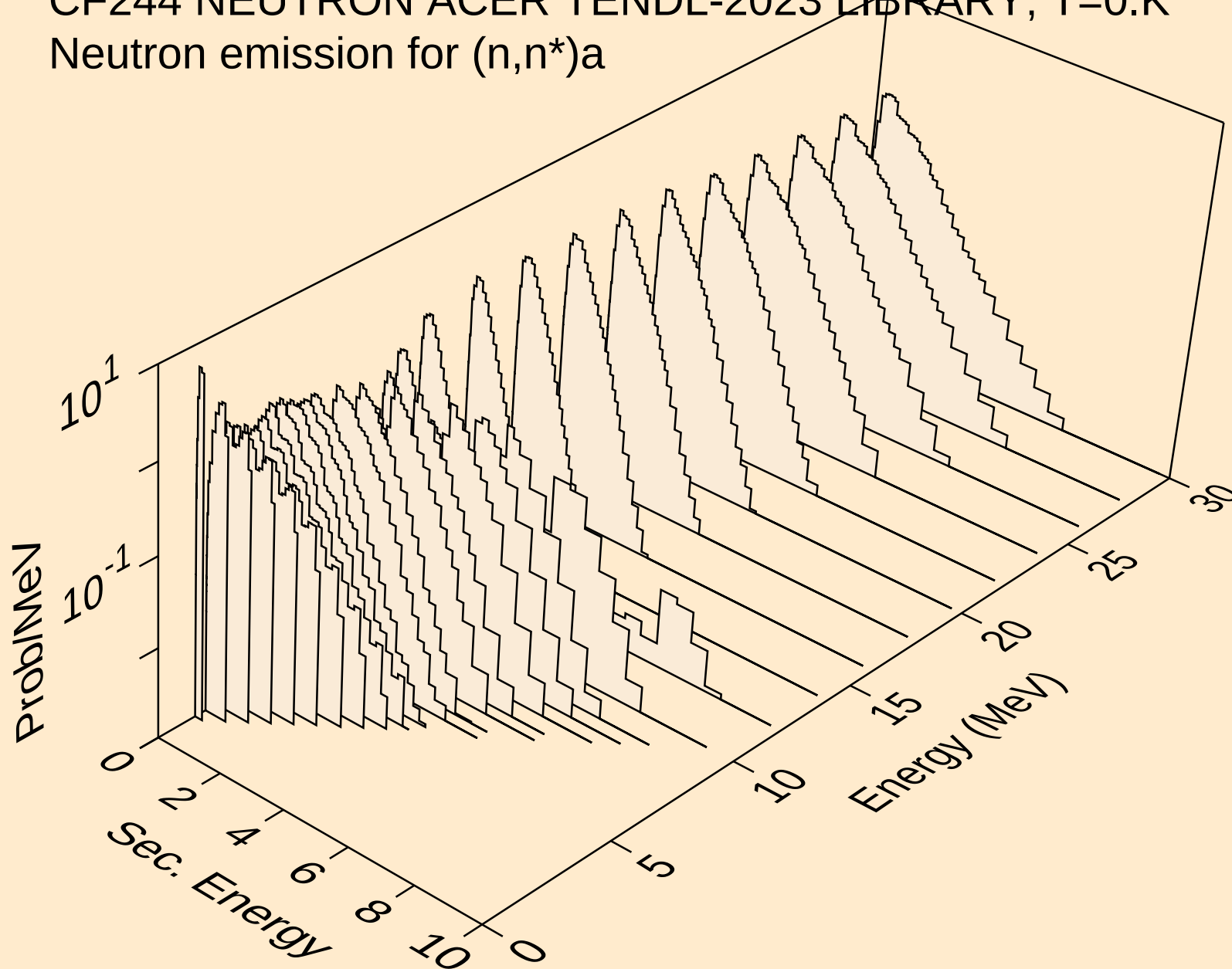
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



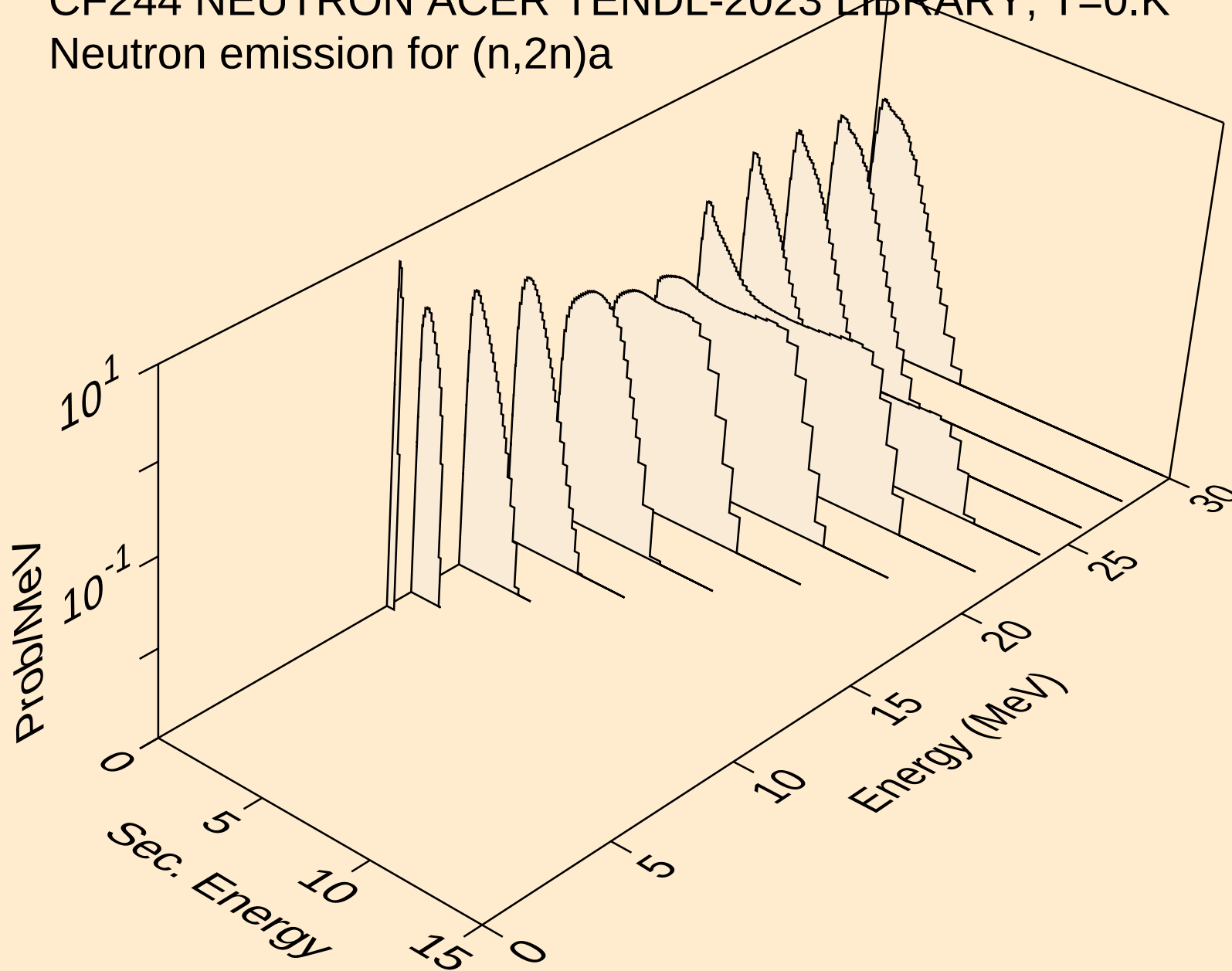
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a

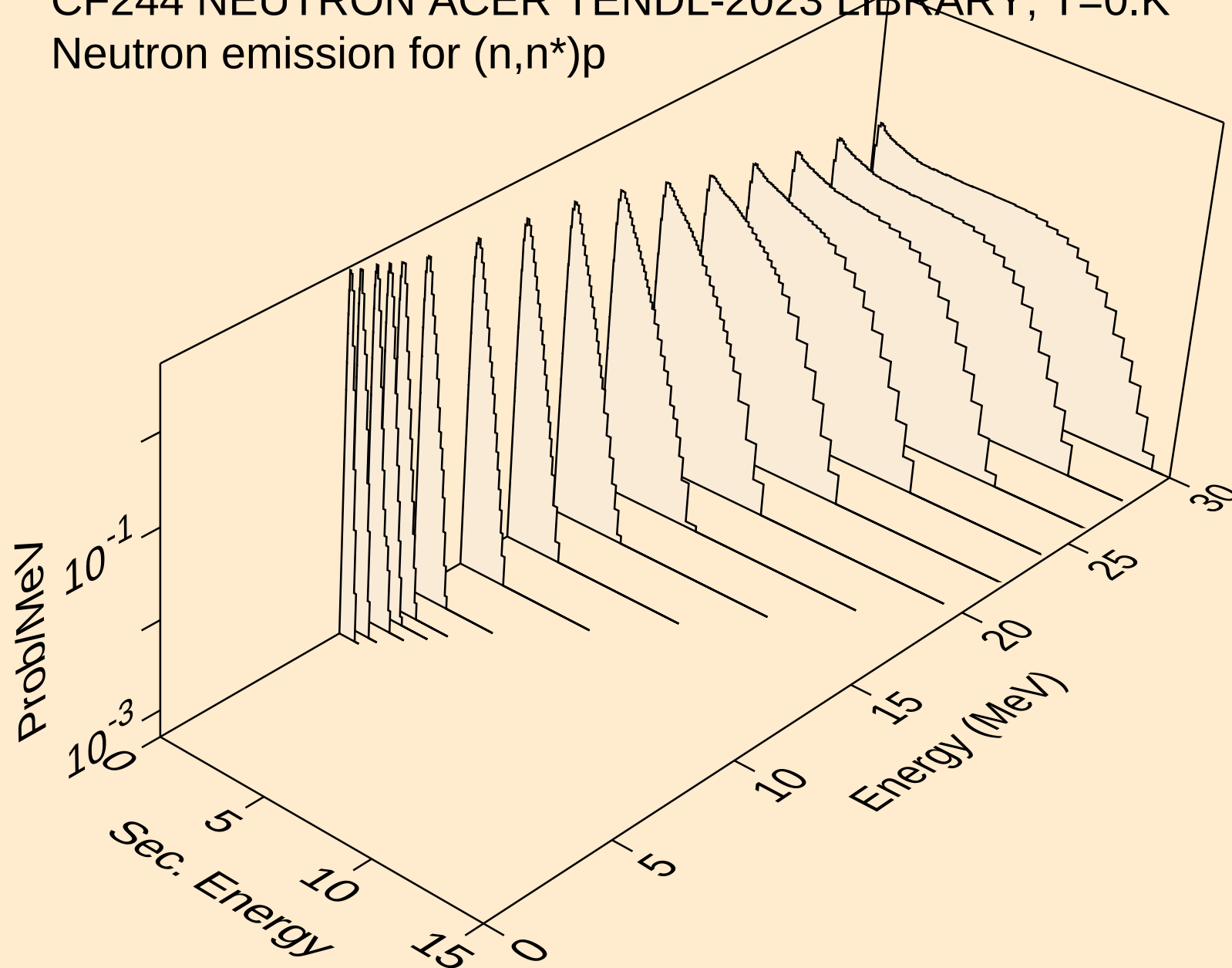


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n) α

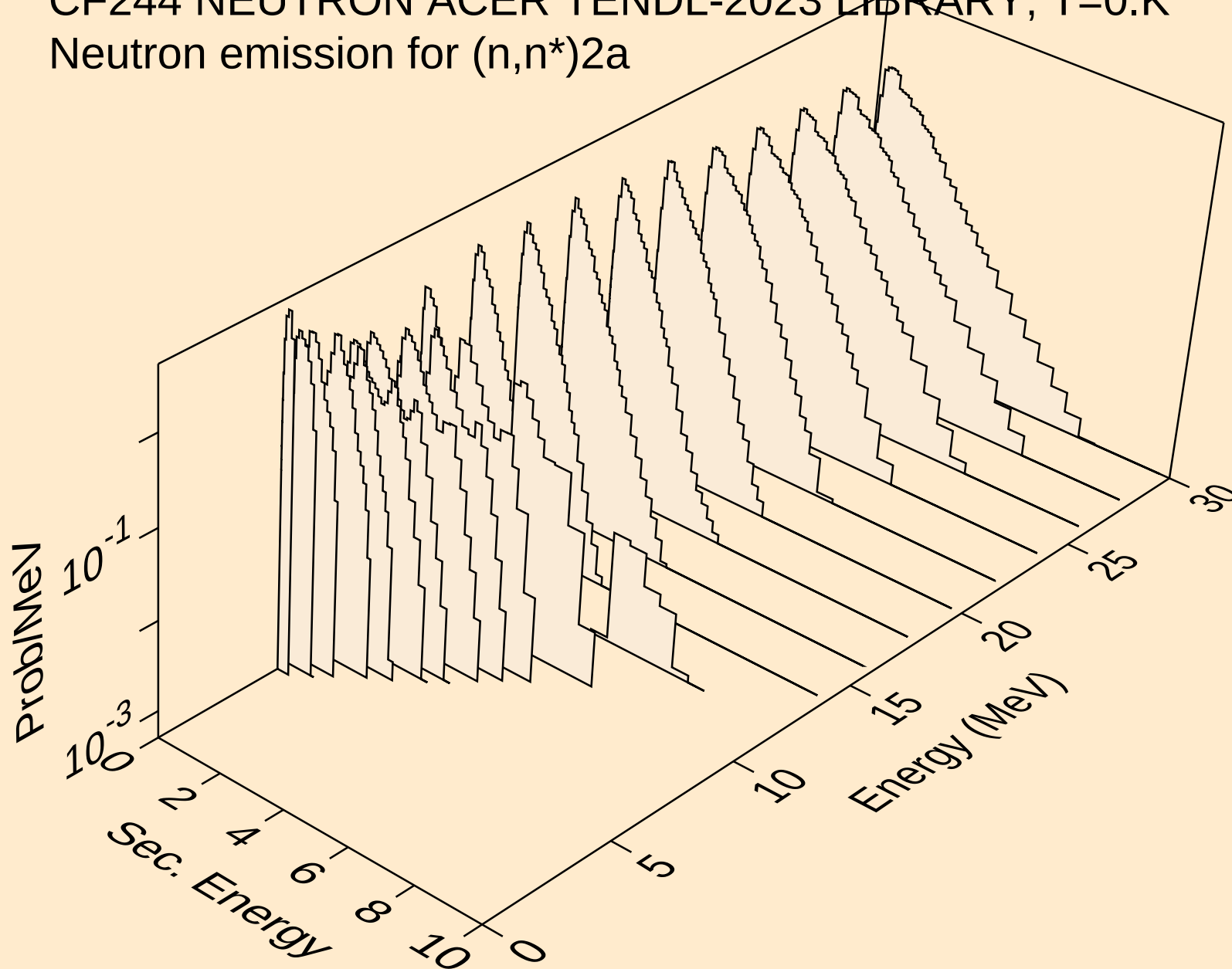


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)p

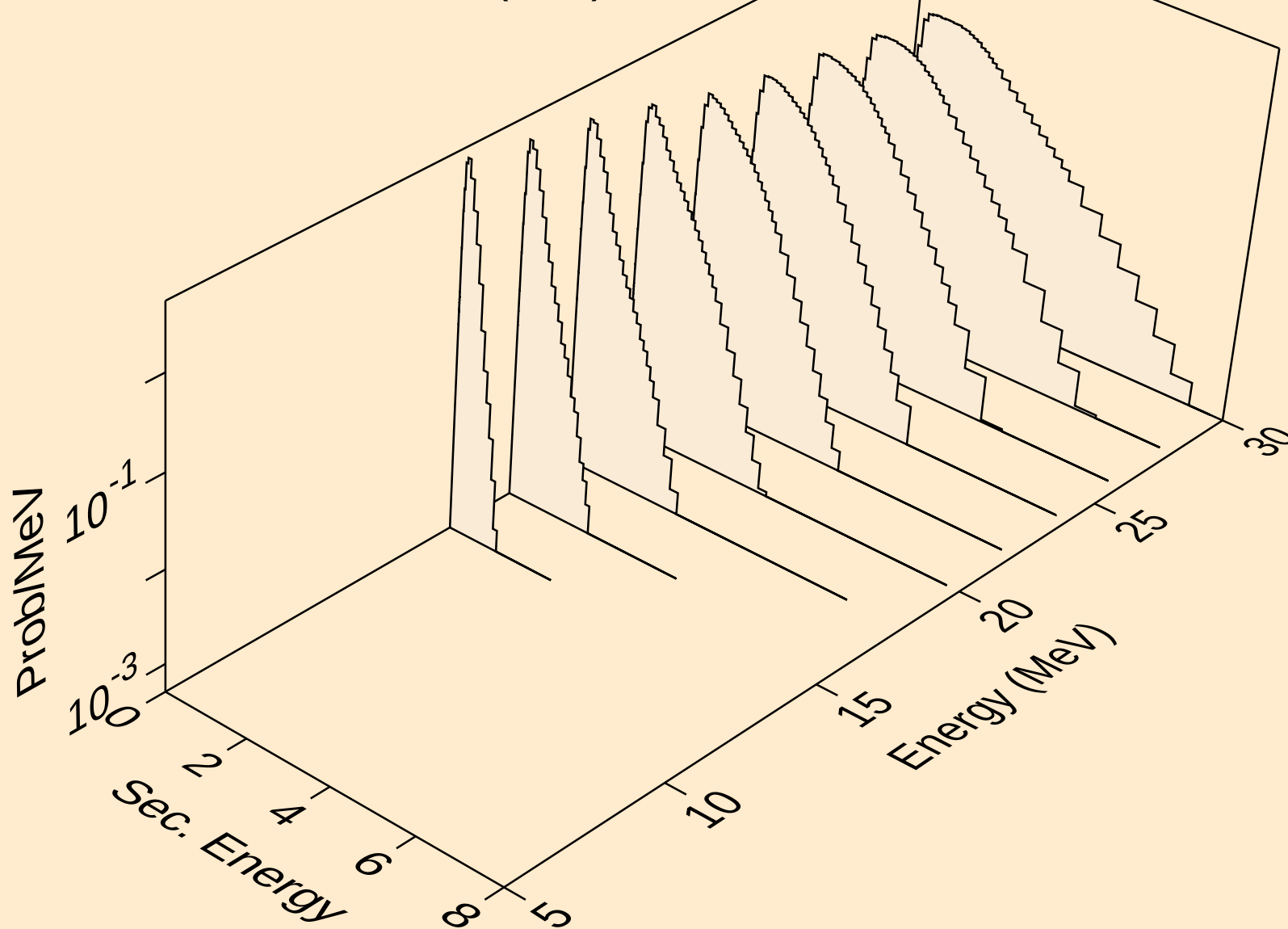


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



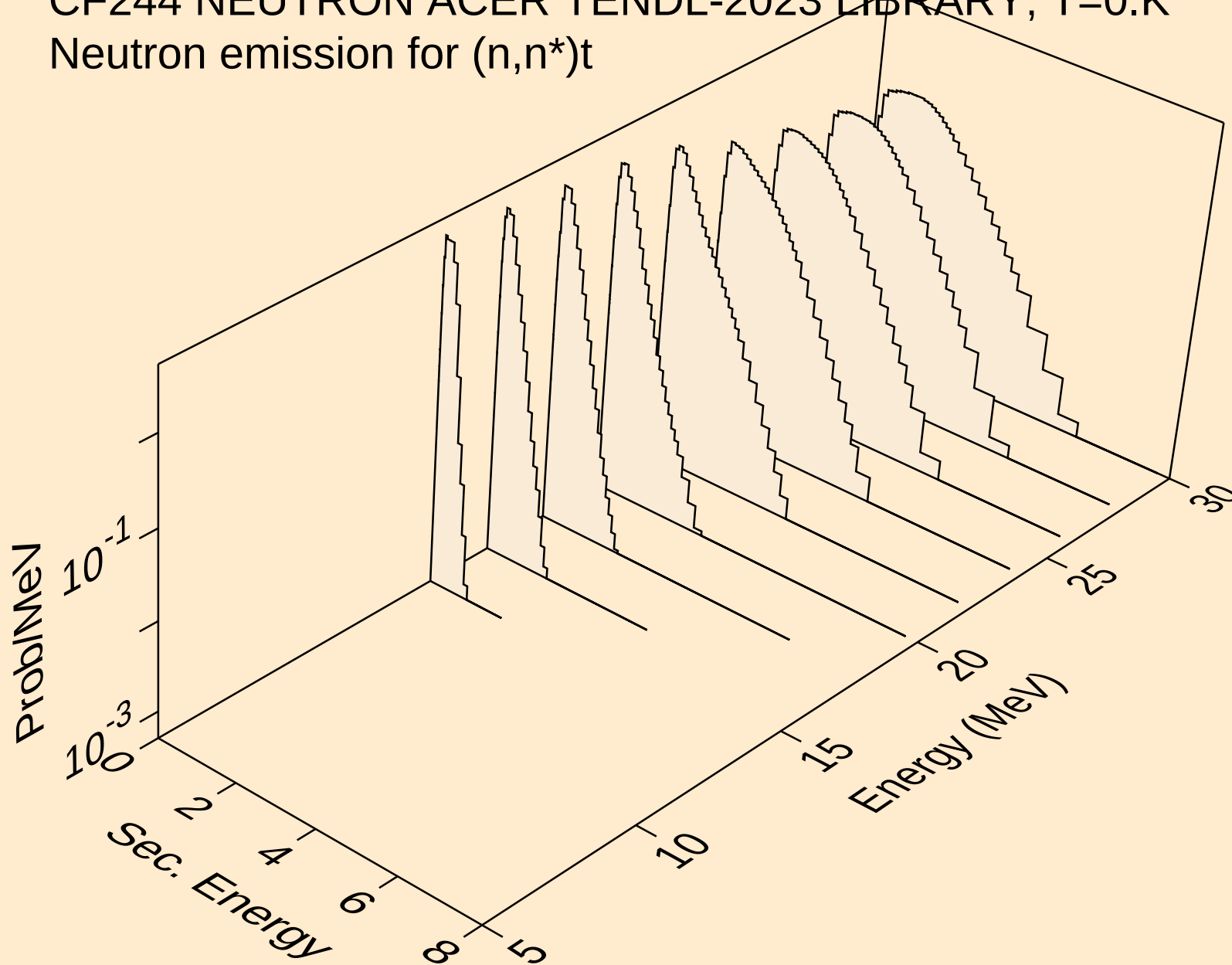
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)d

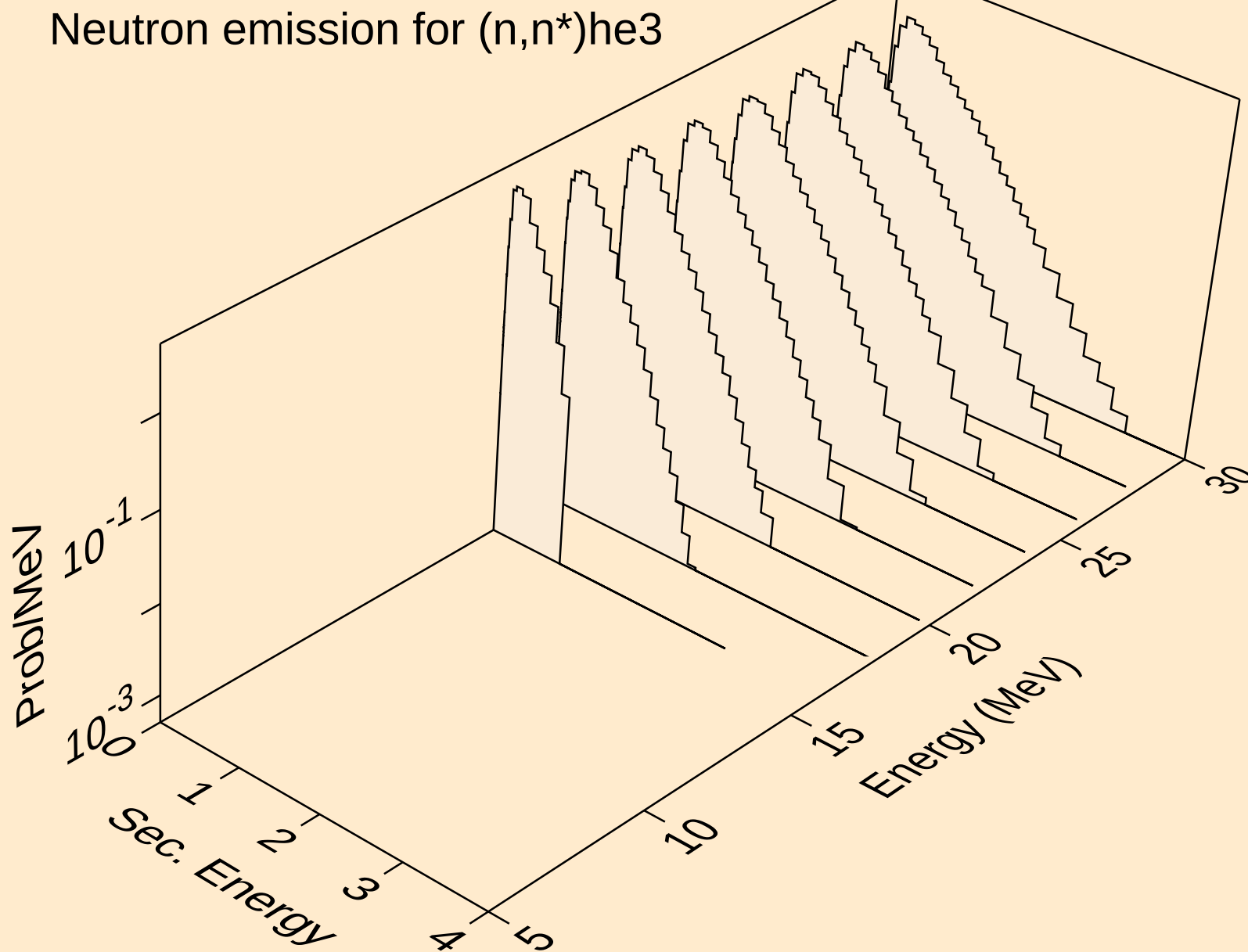


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

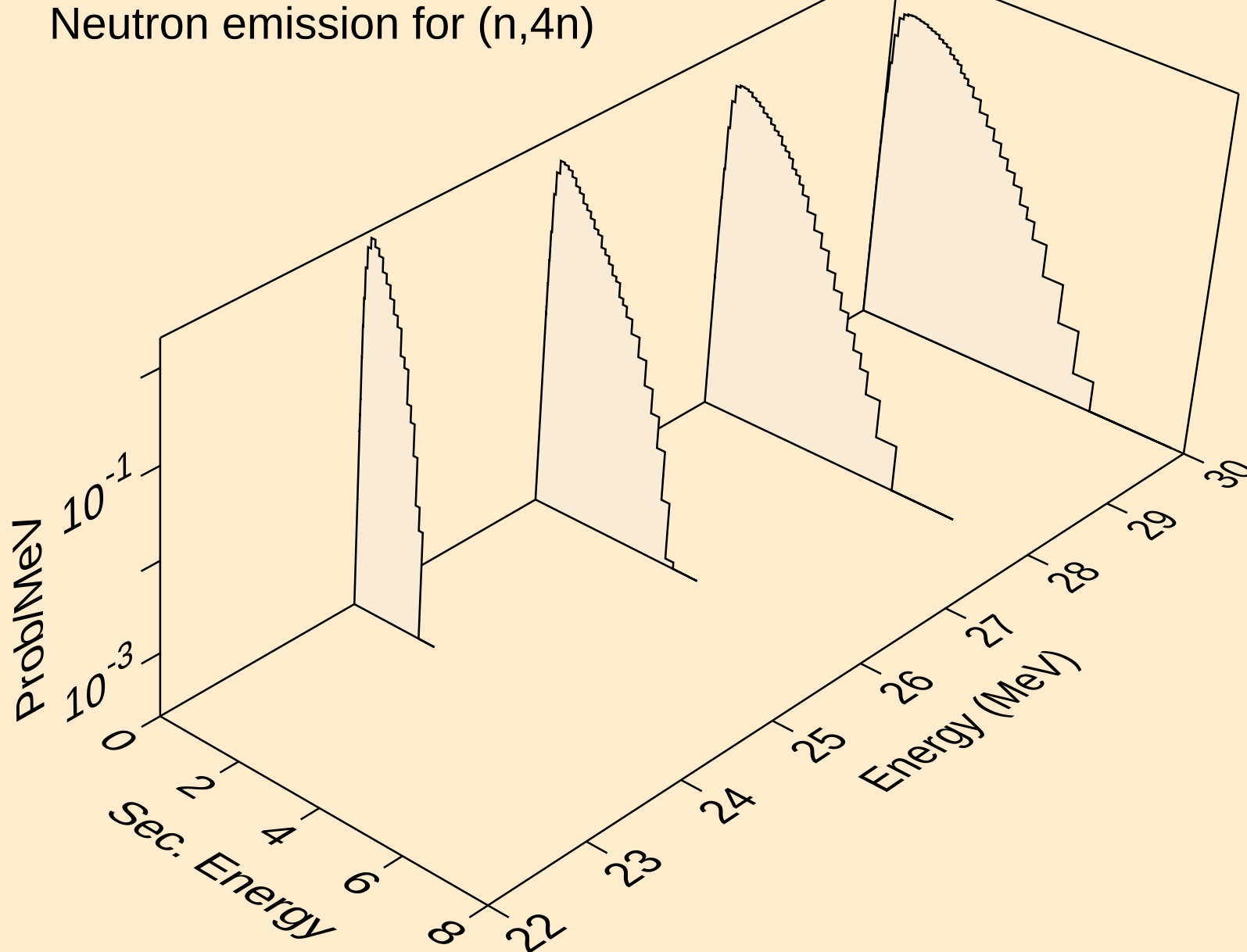
Neutron emission for (n,n*)t



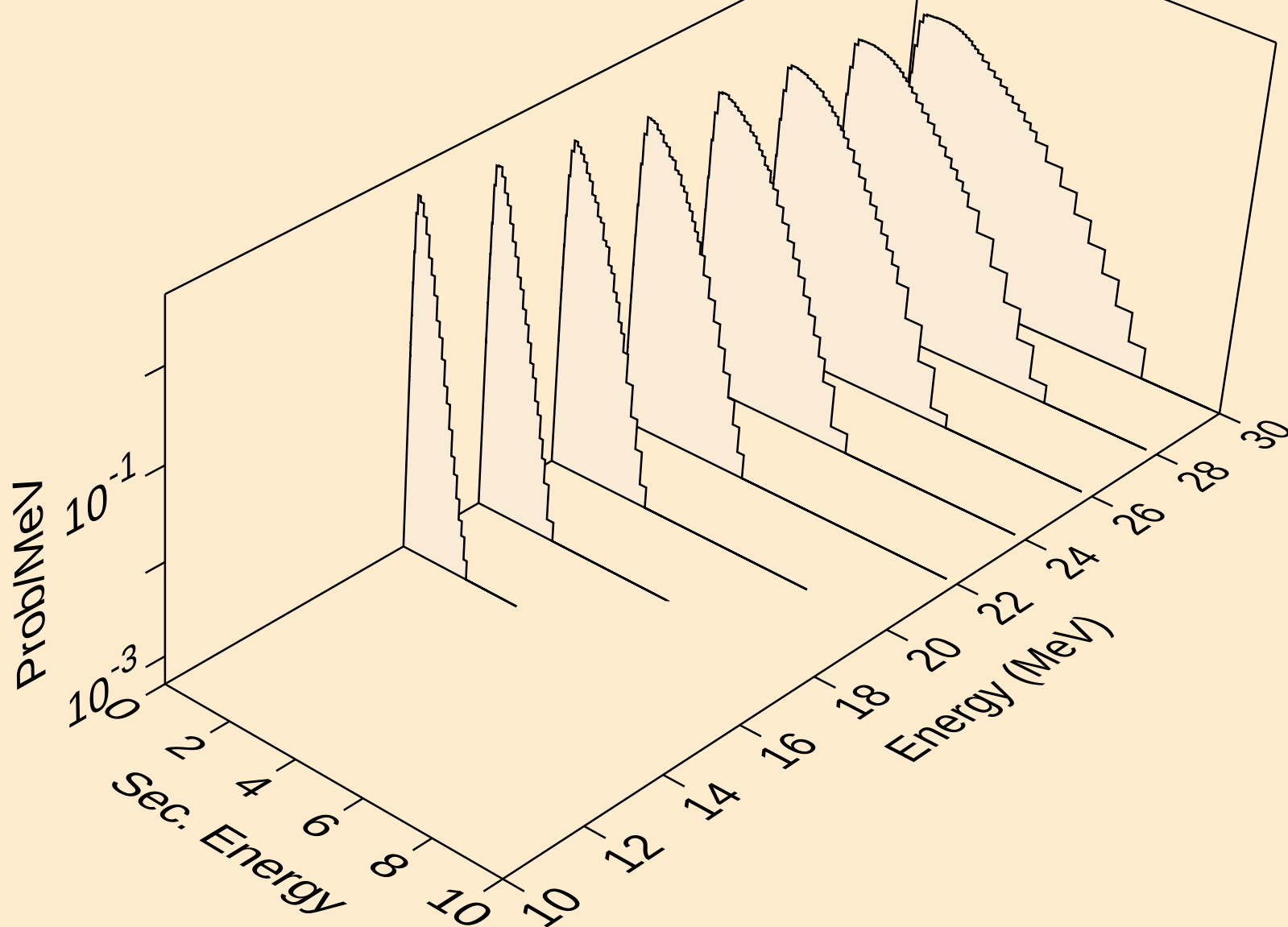
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



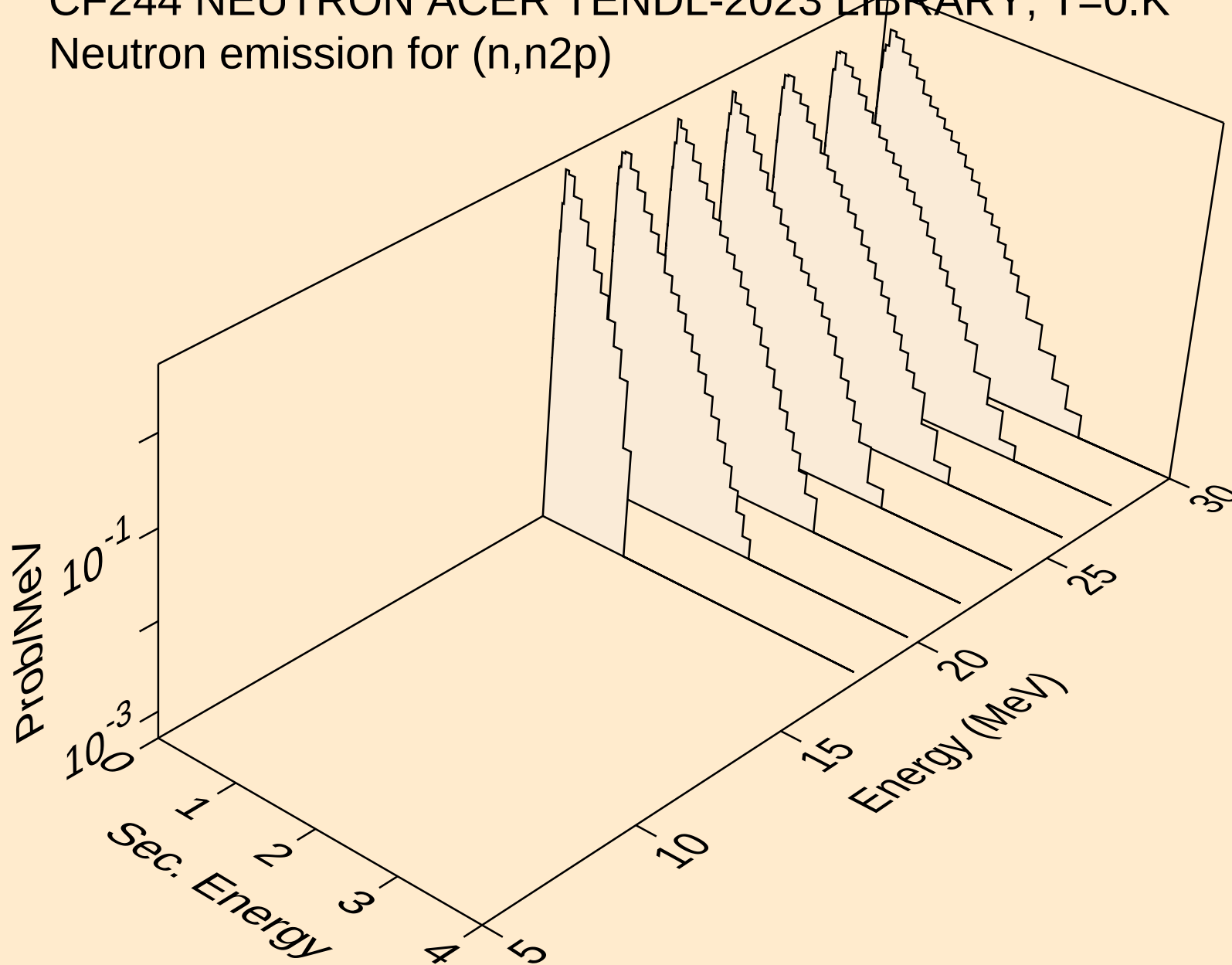
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



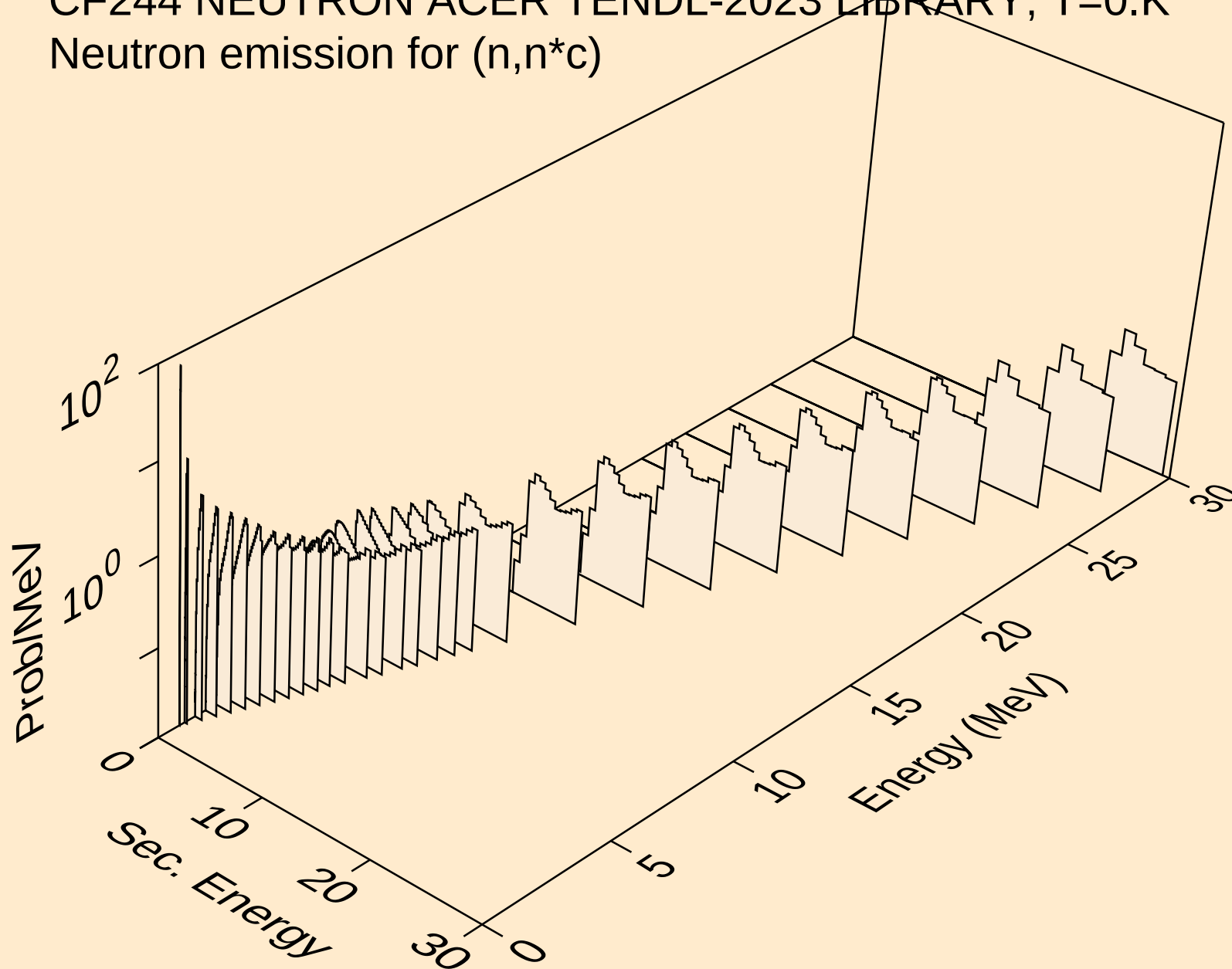
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)

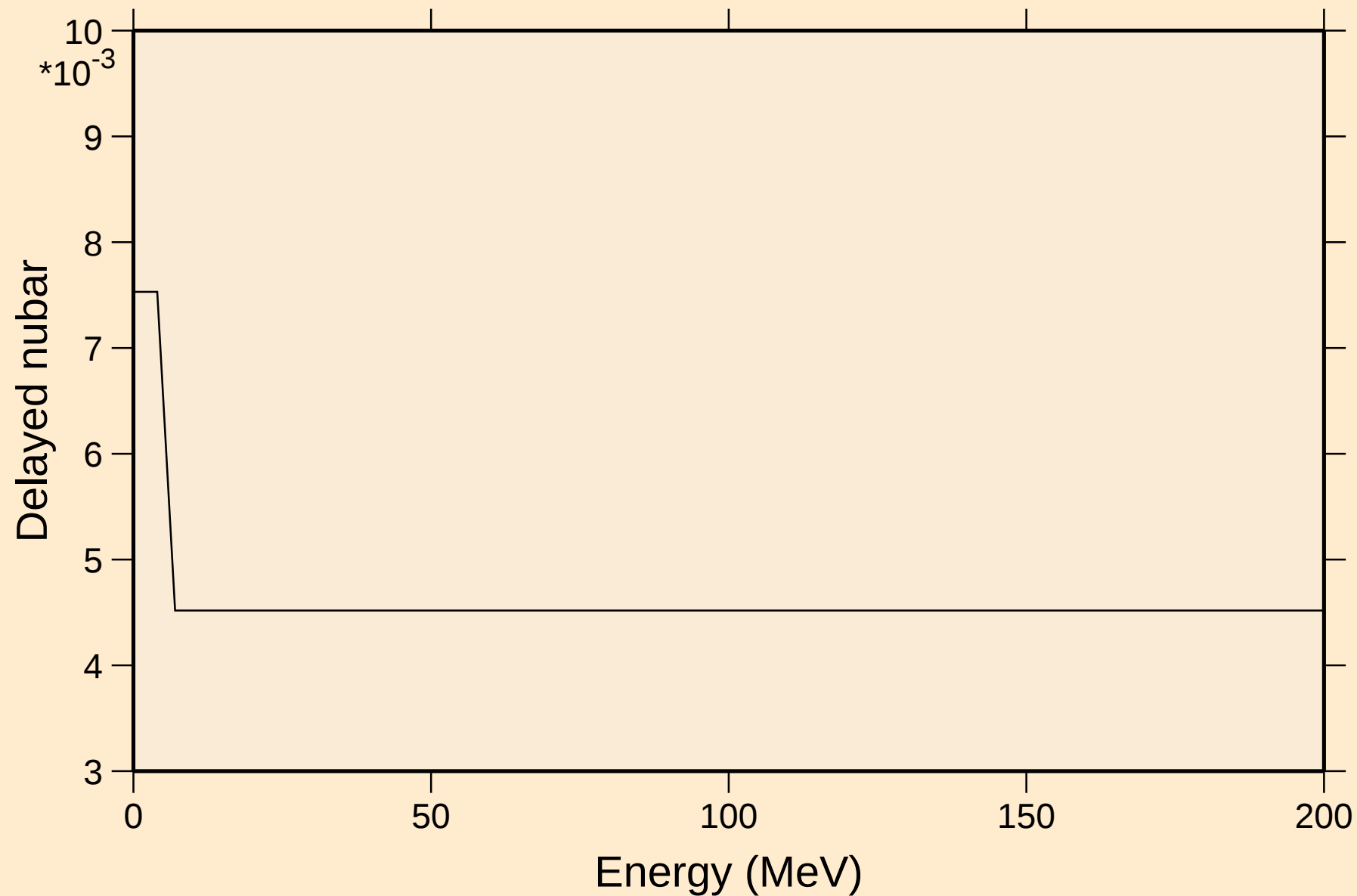


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



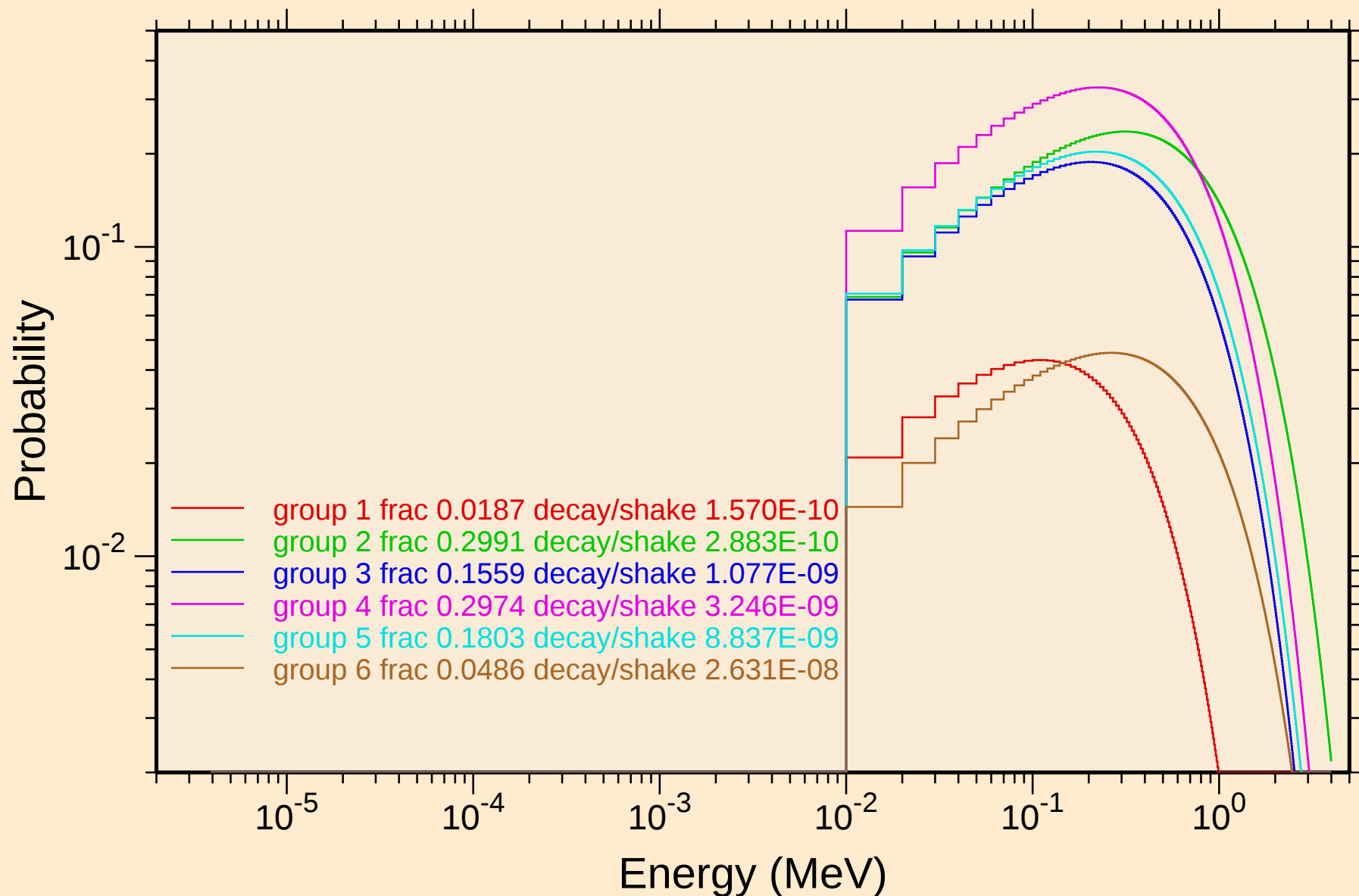
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Delayed nubar

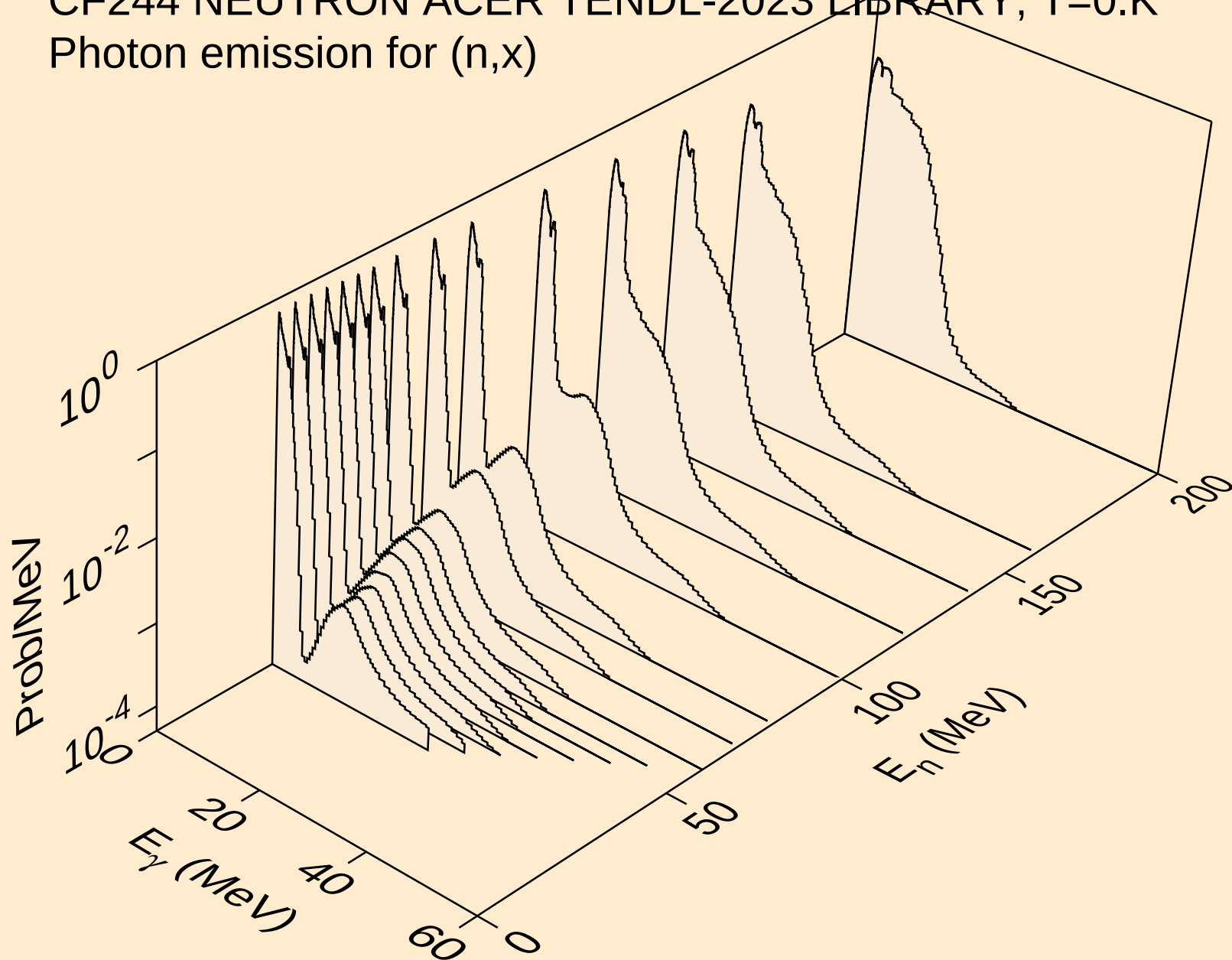


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

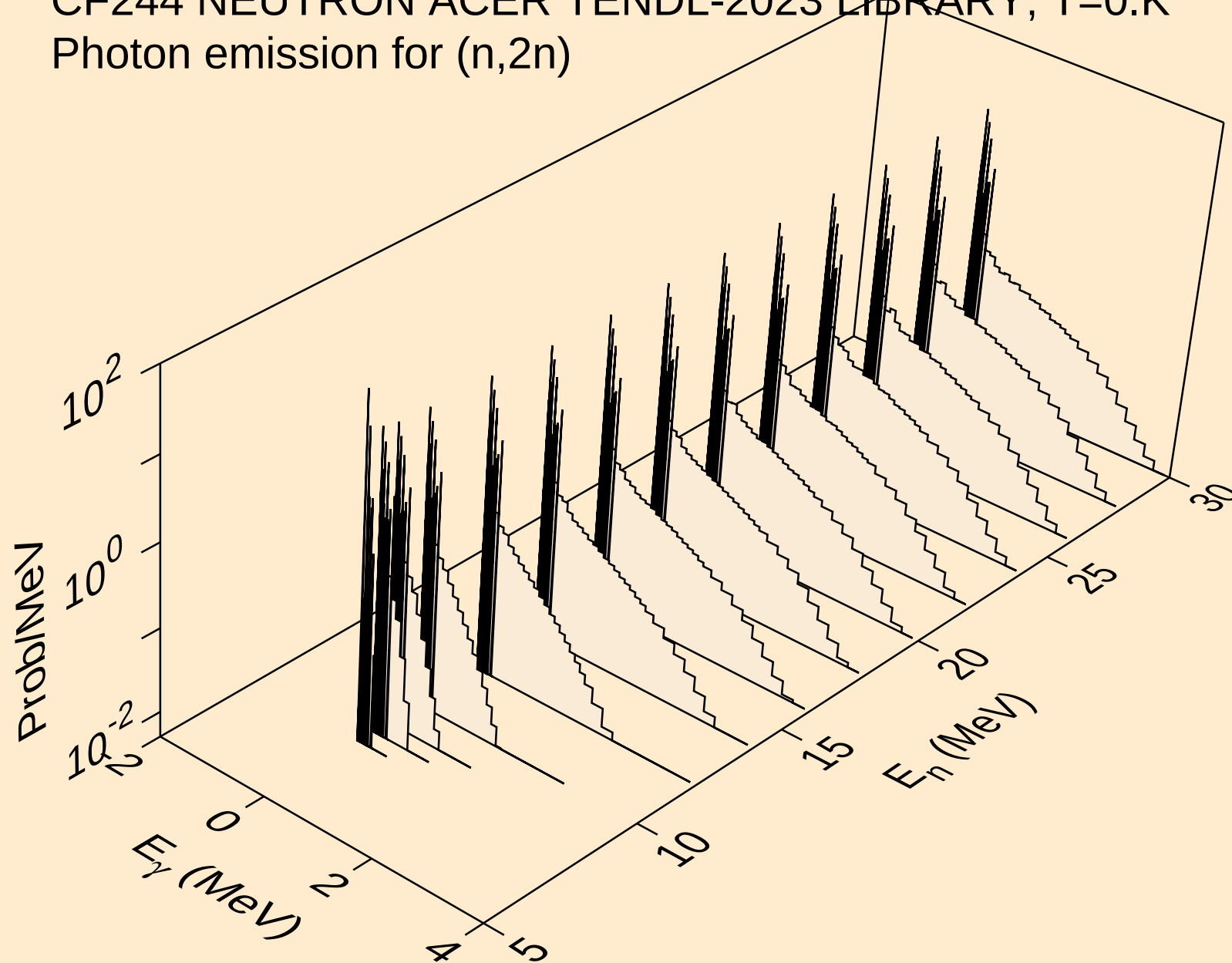
Delayed neutron spectra



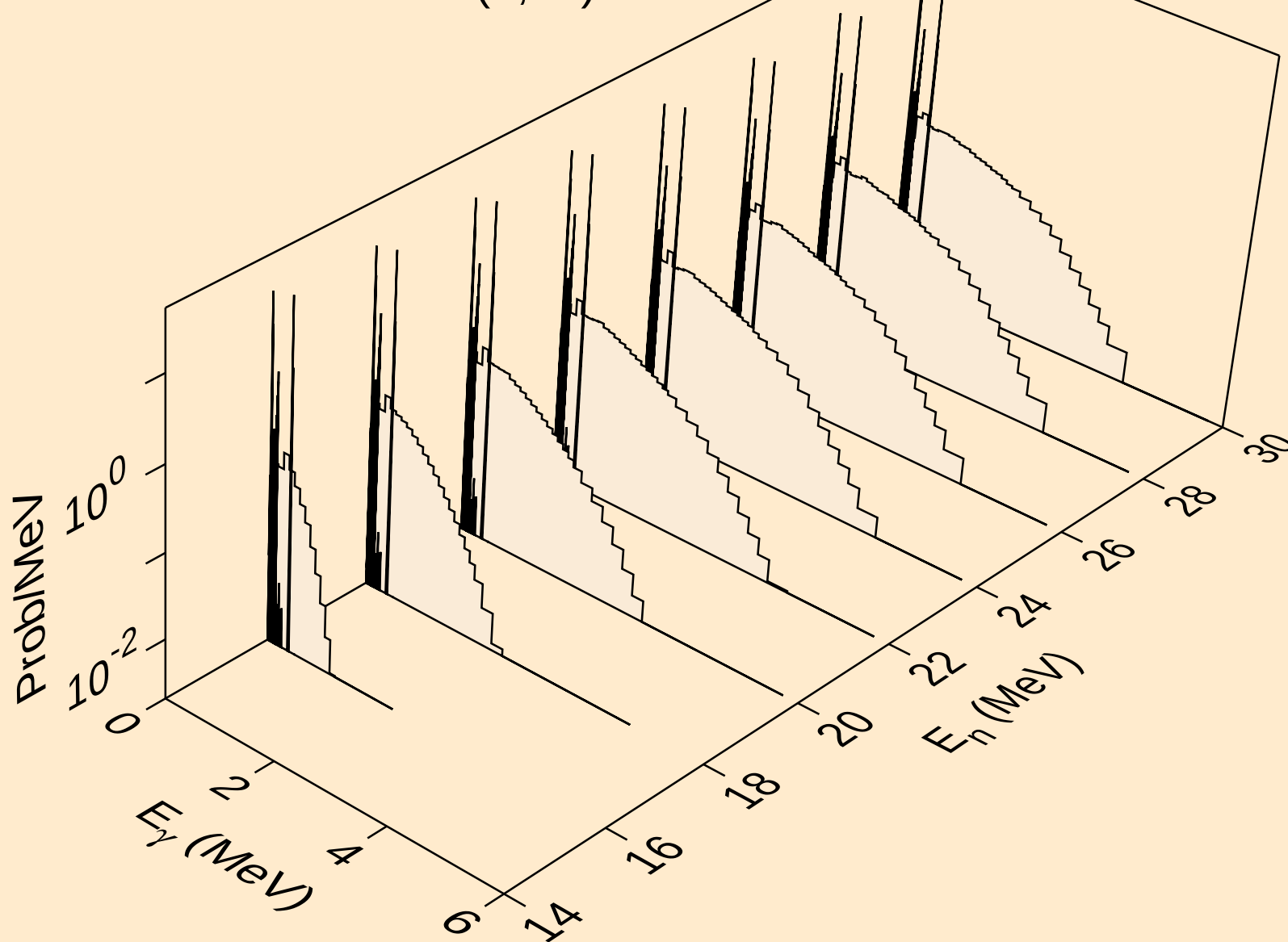
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

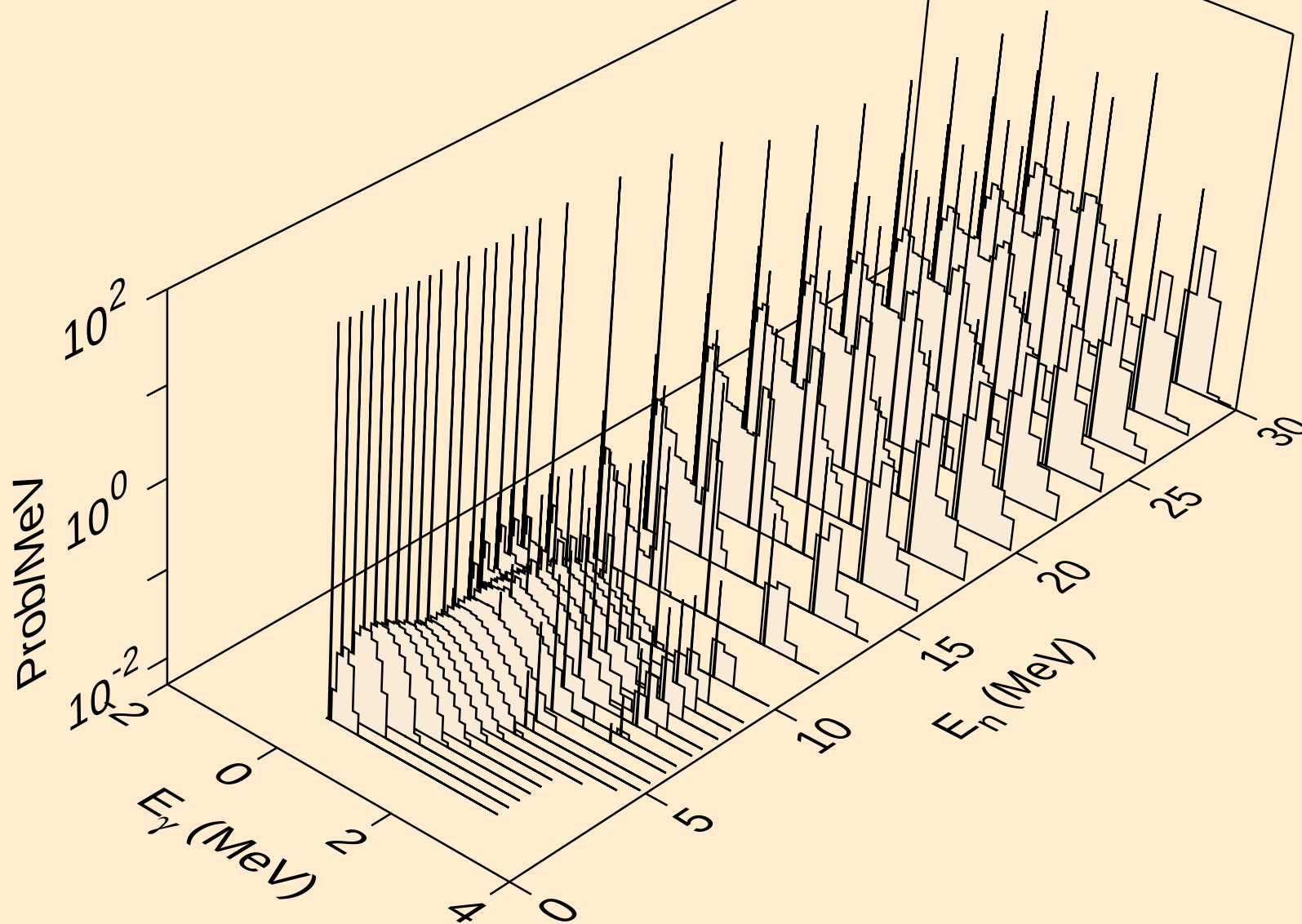


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)

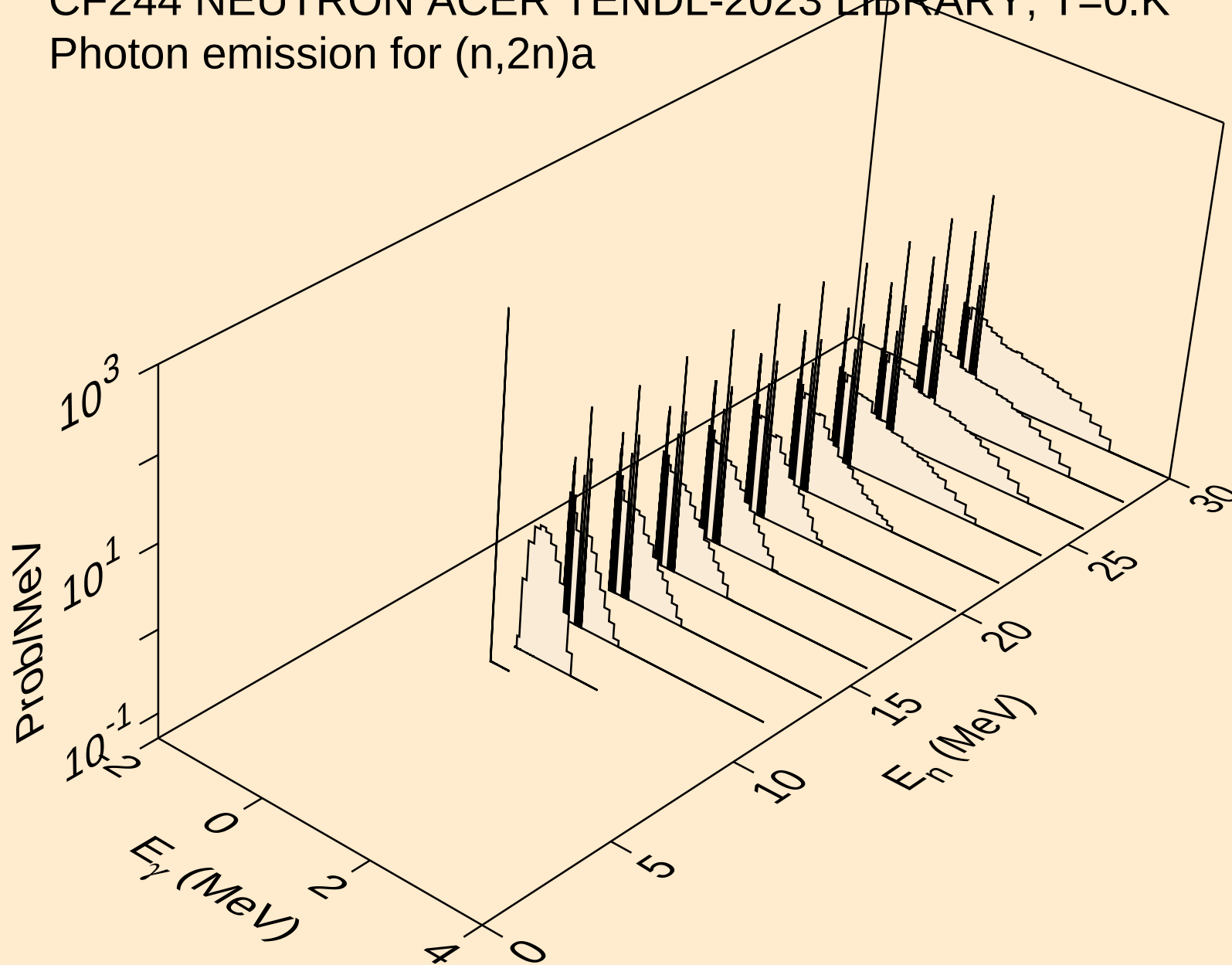


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a

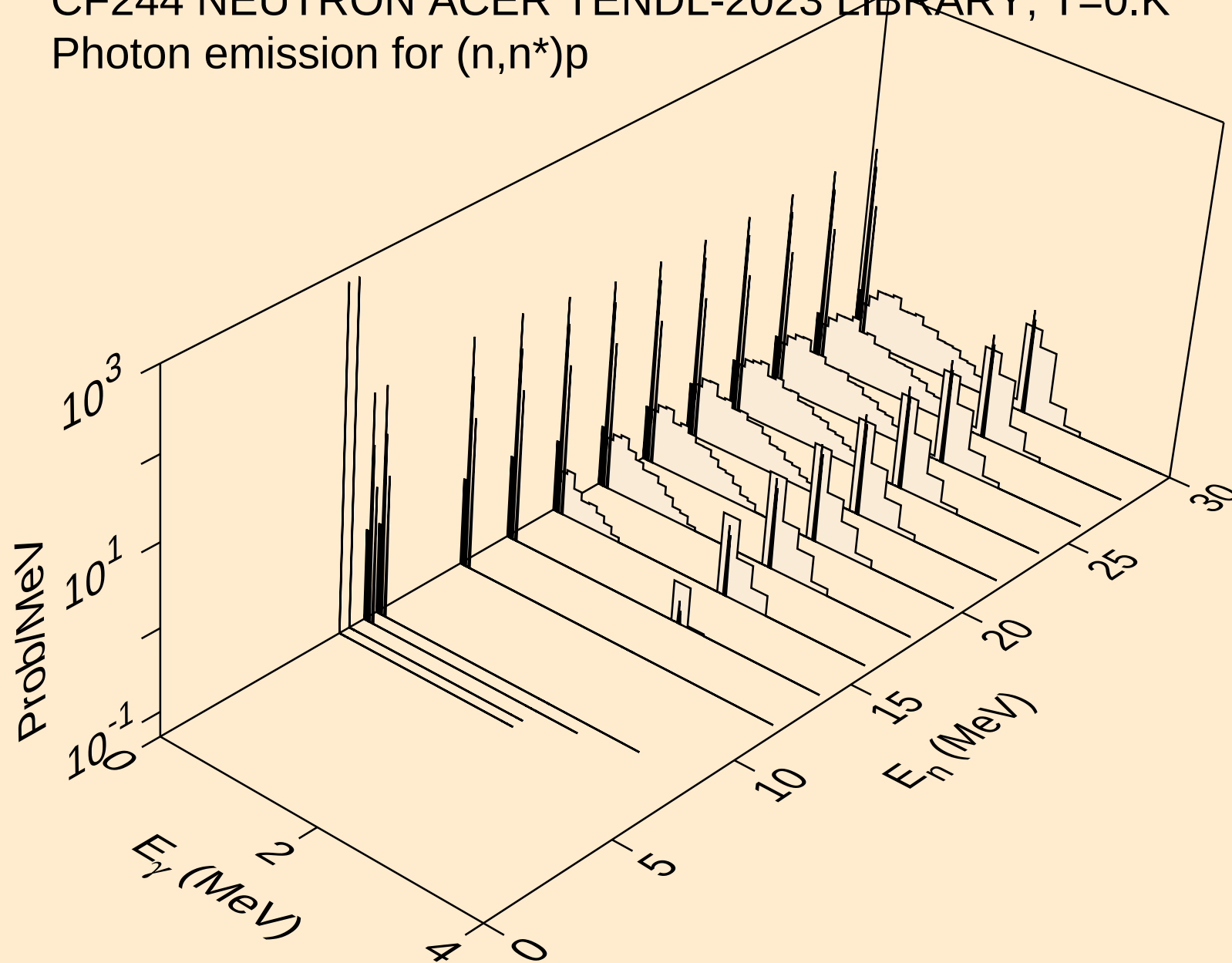


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α



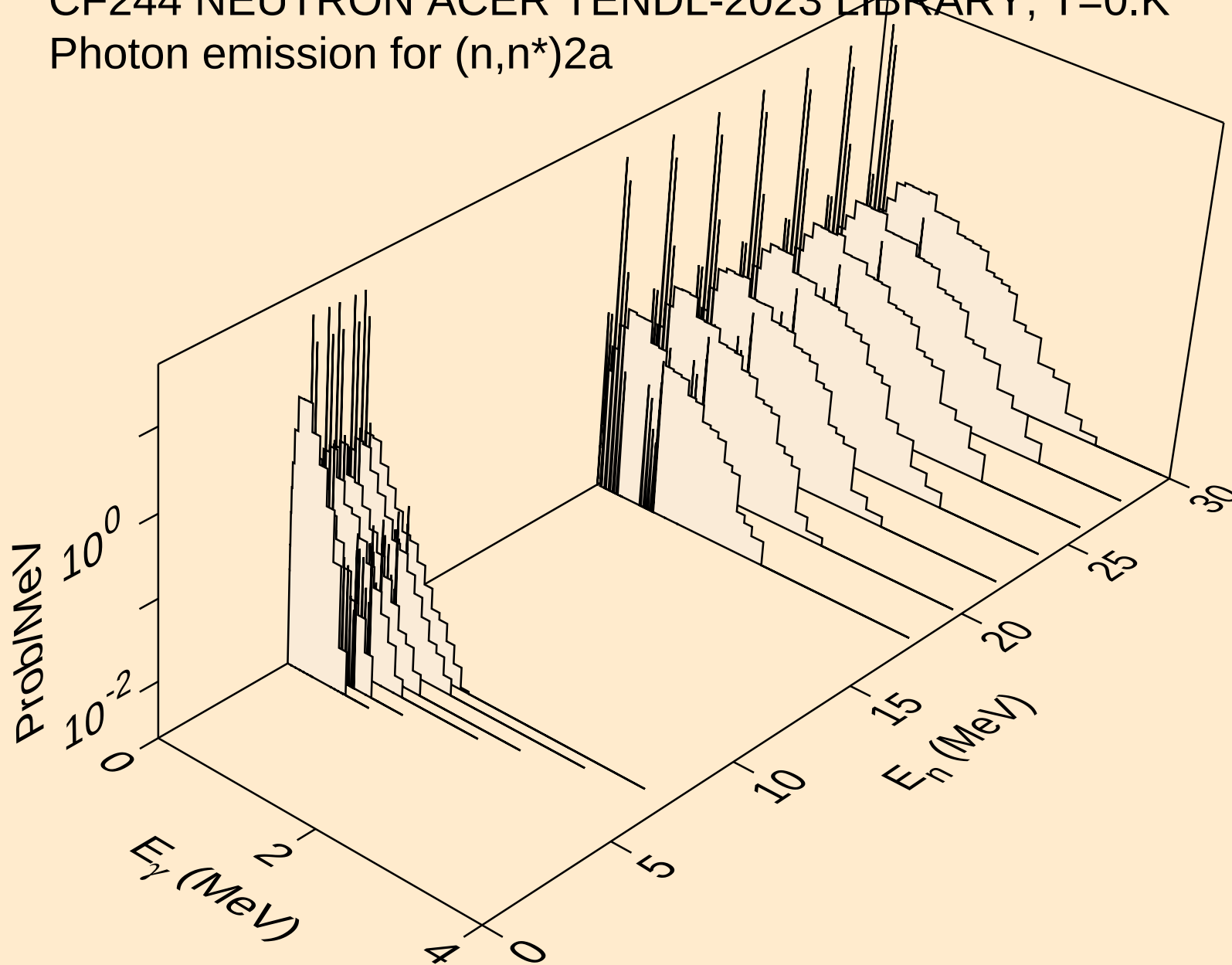
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



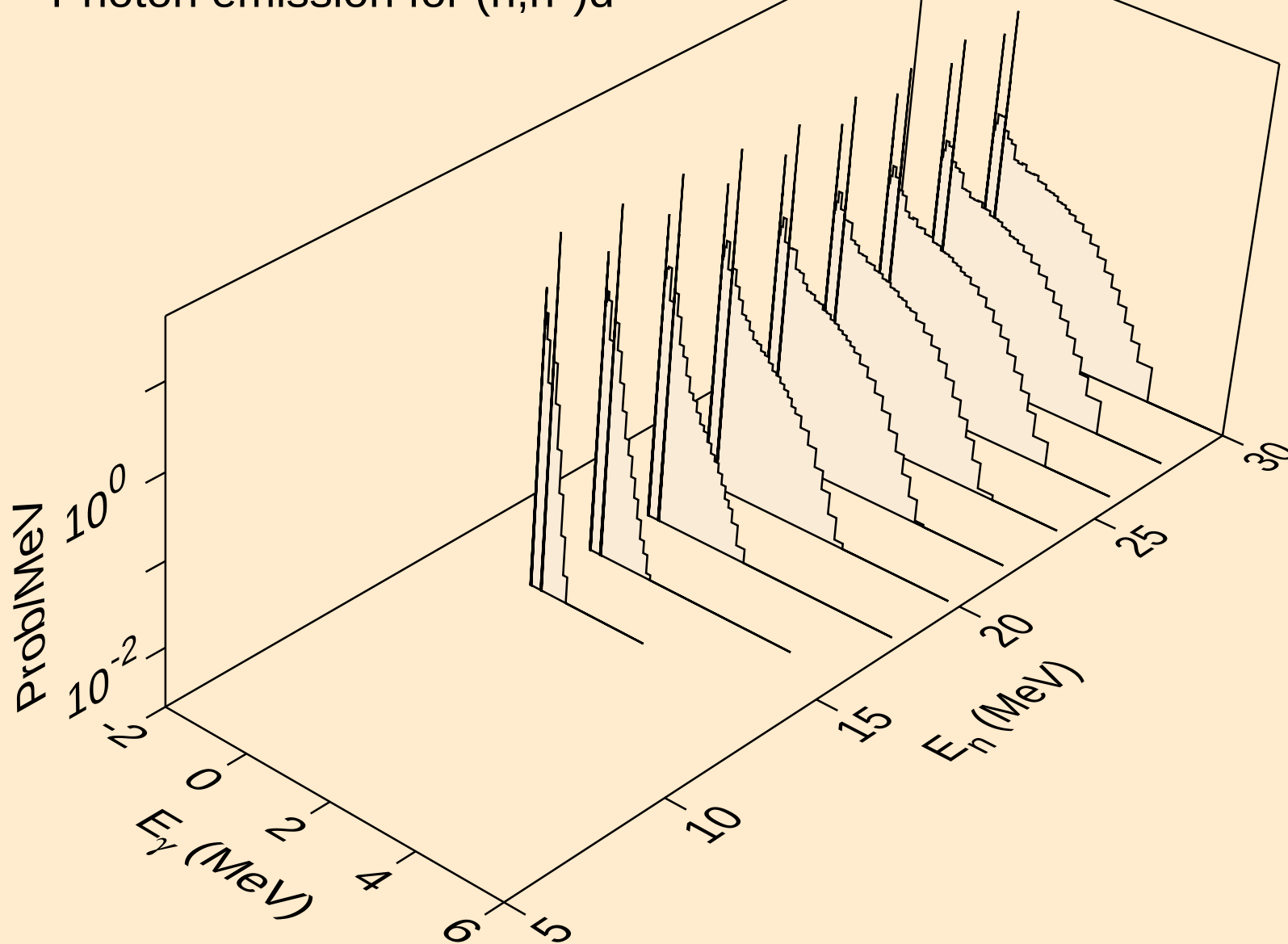
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)2a



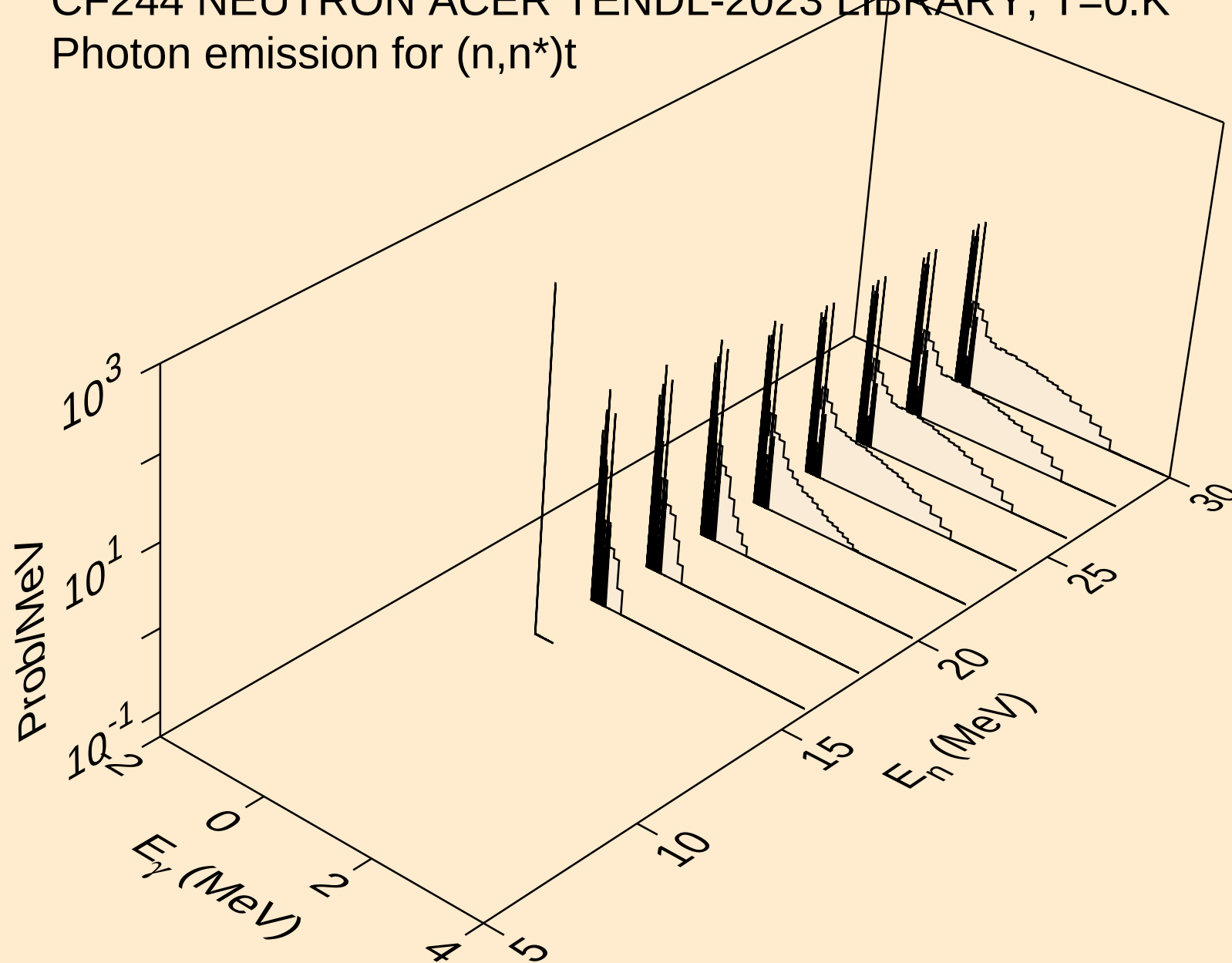
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

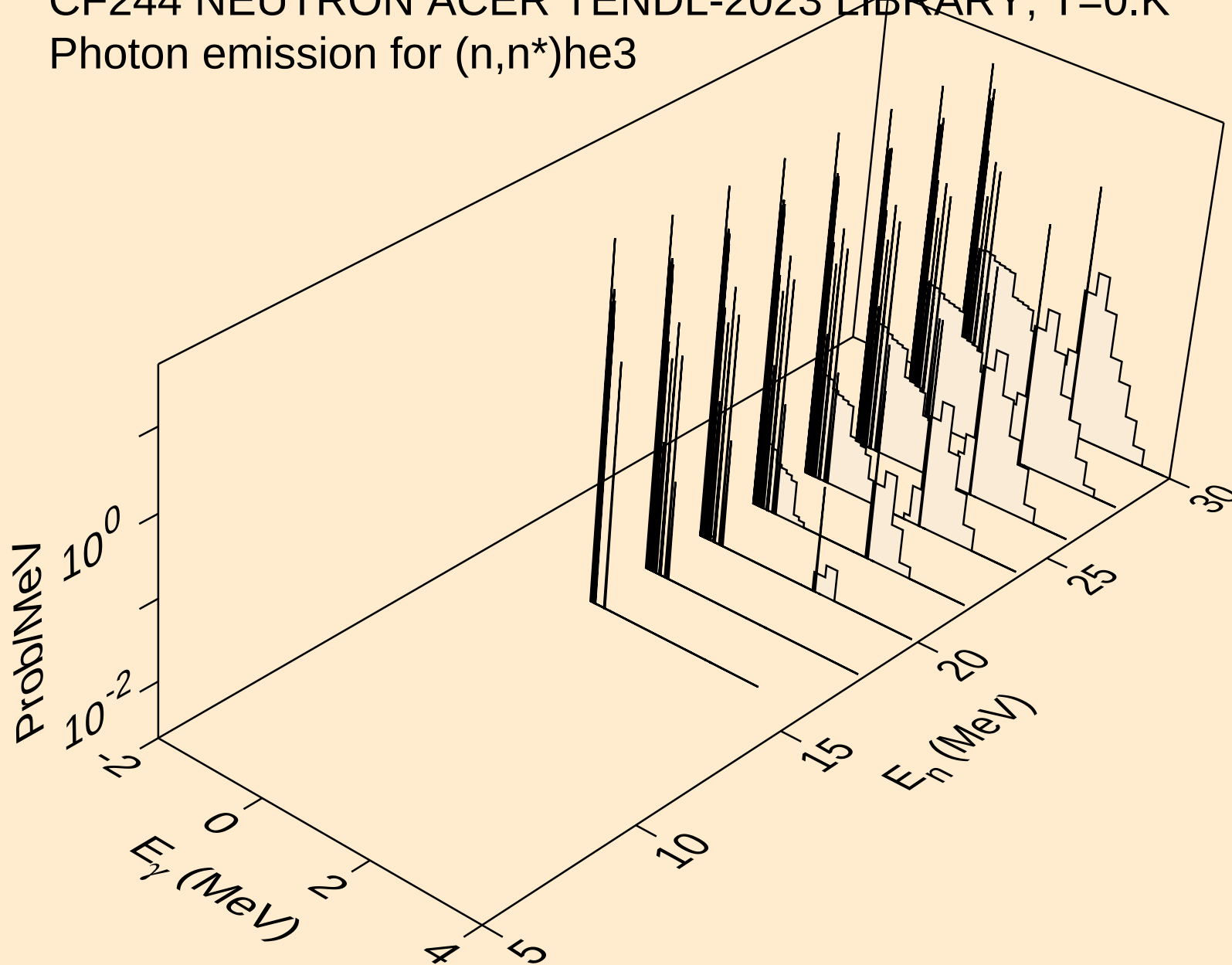


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

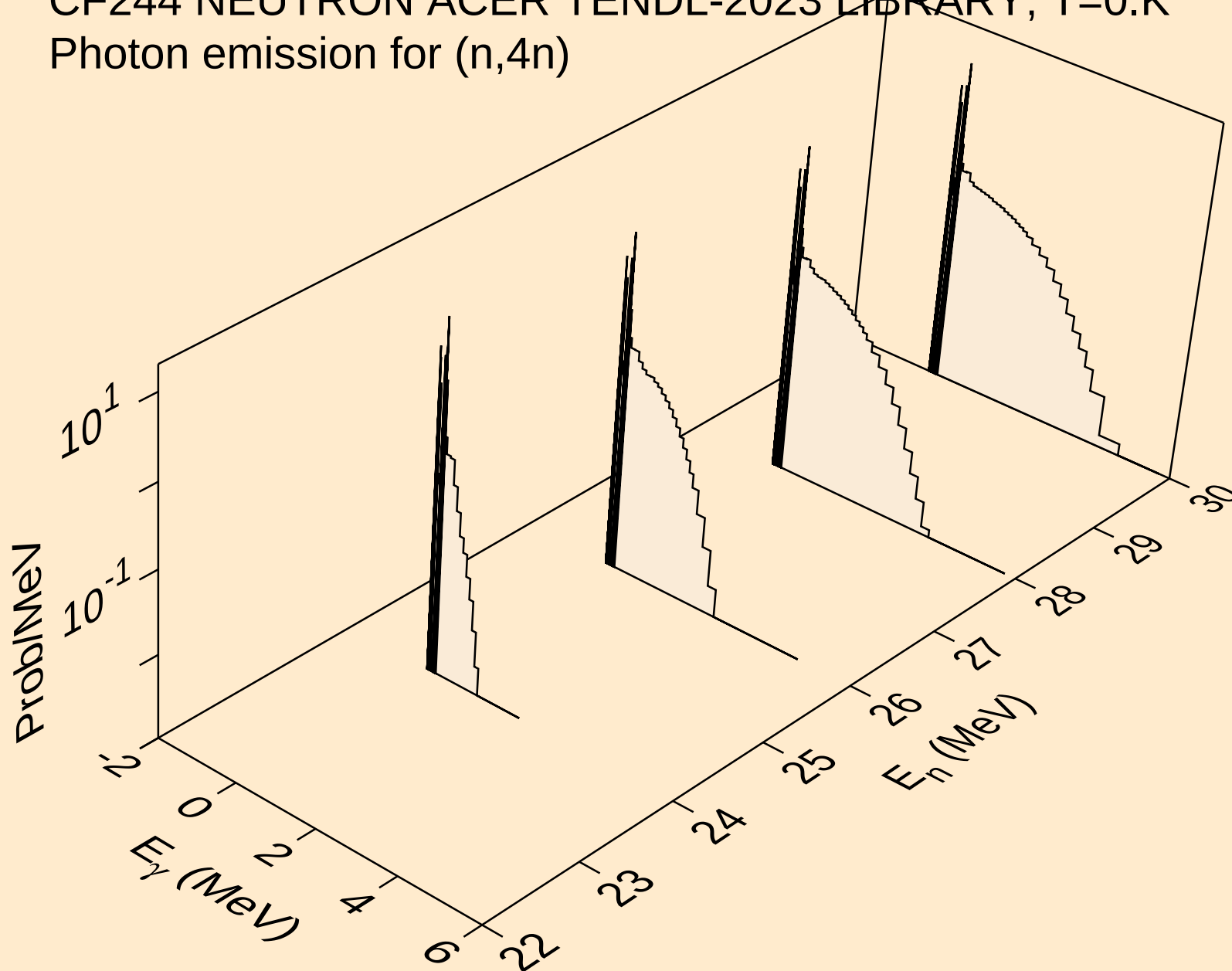
Photon emission for (n,n*)t



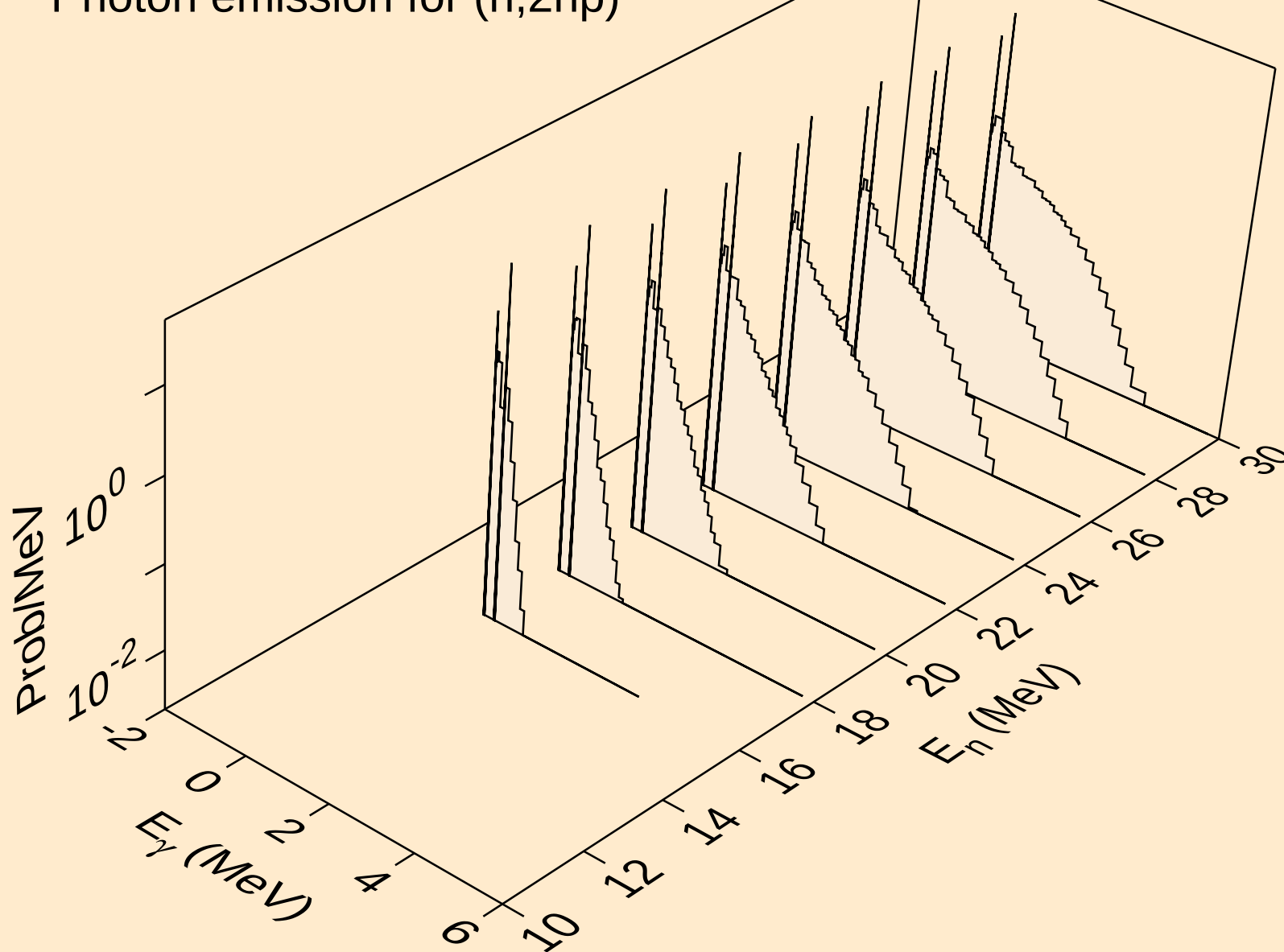
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



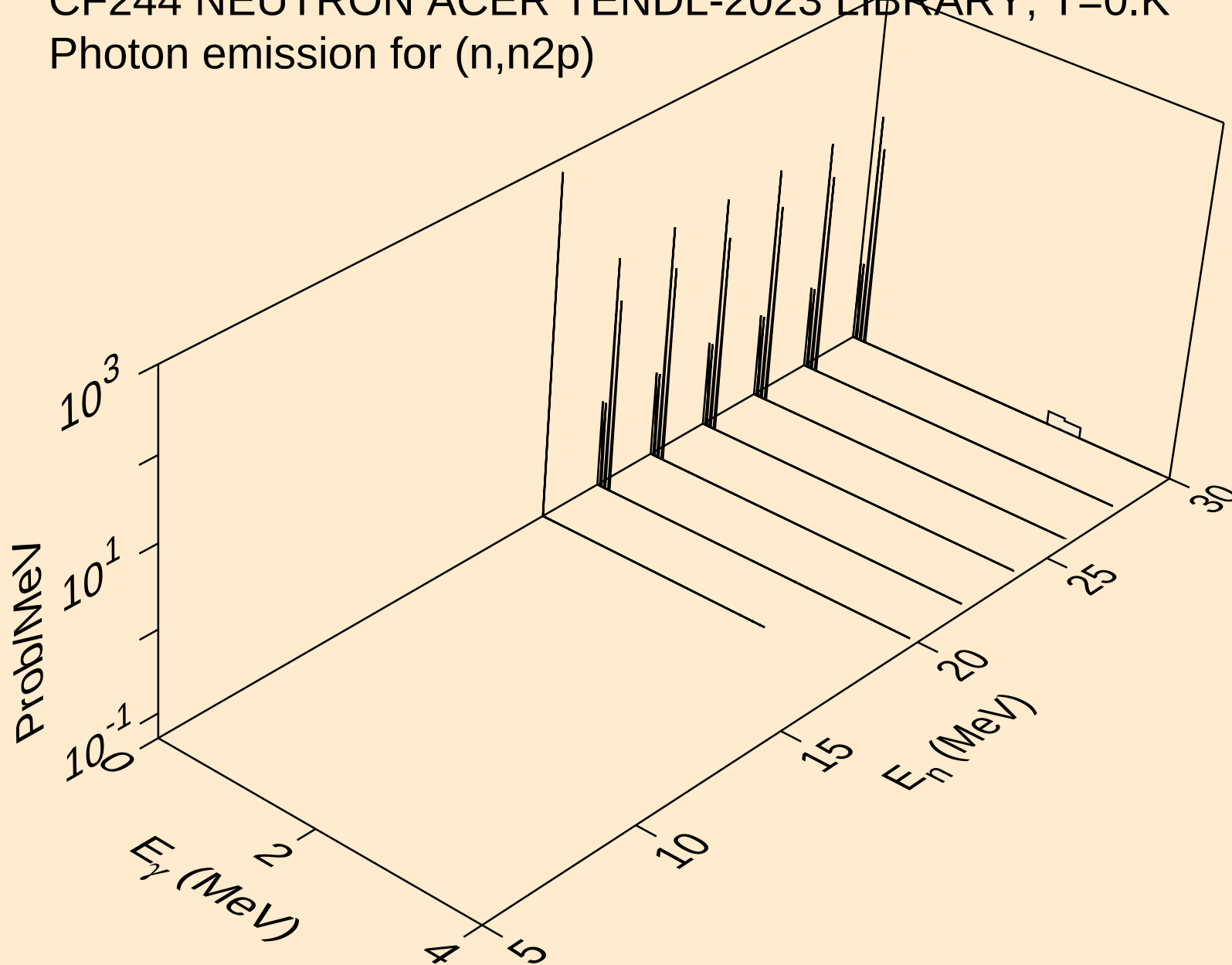
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



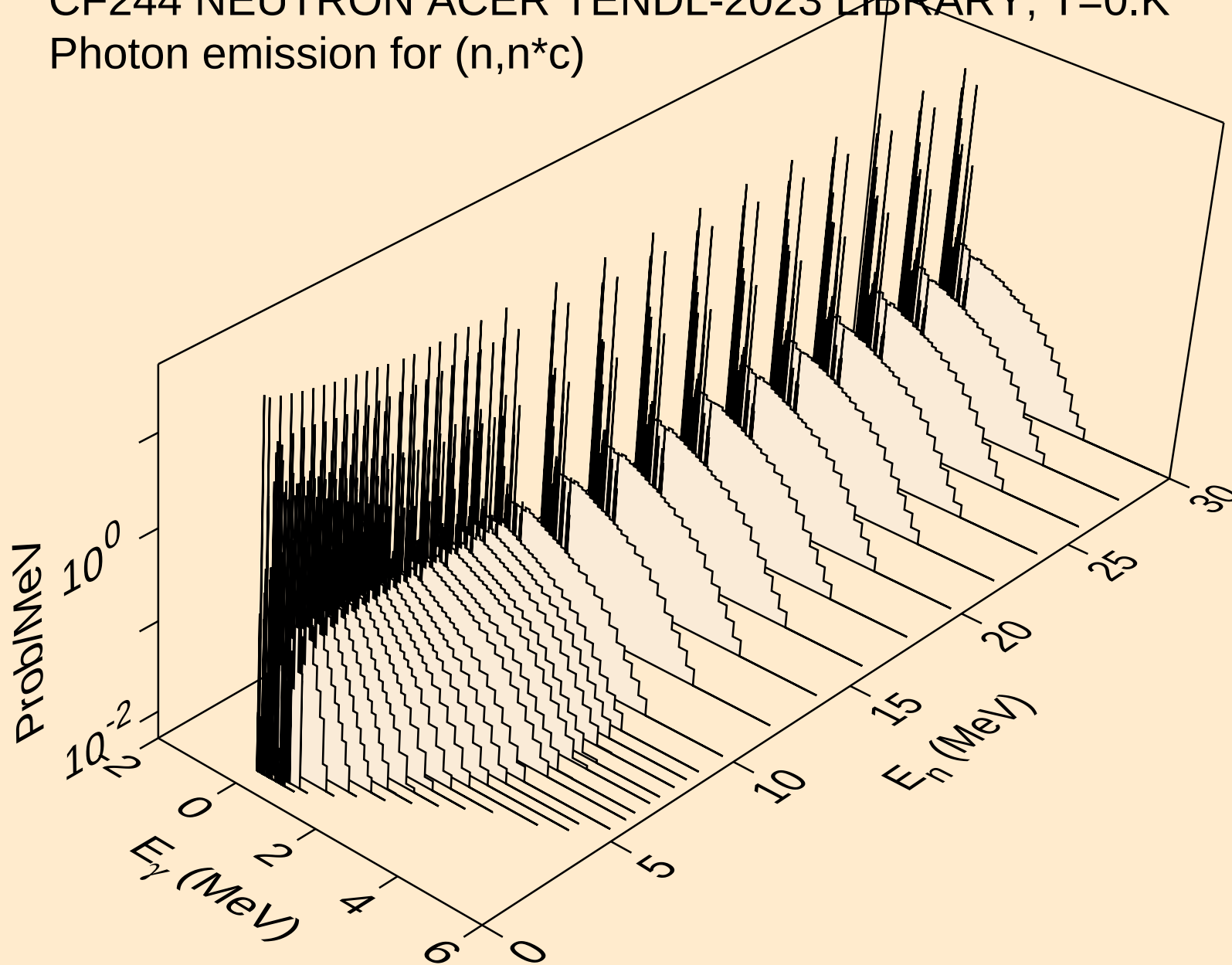
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



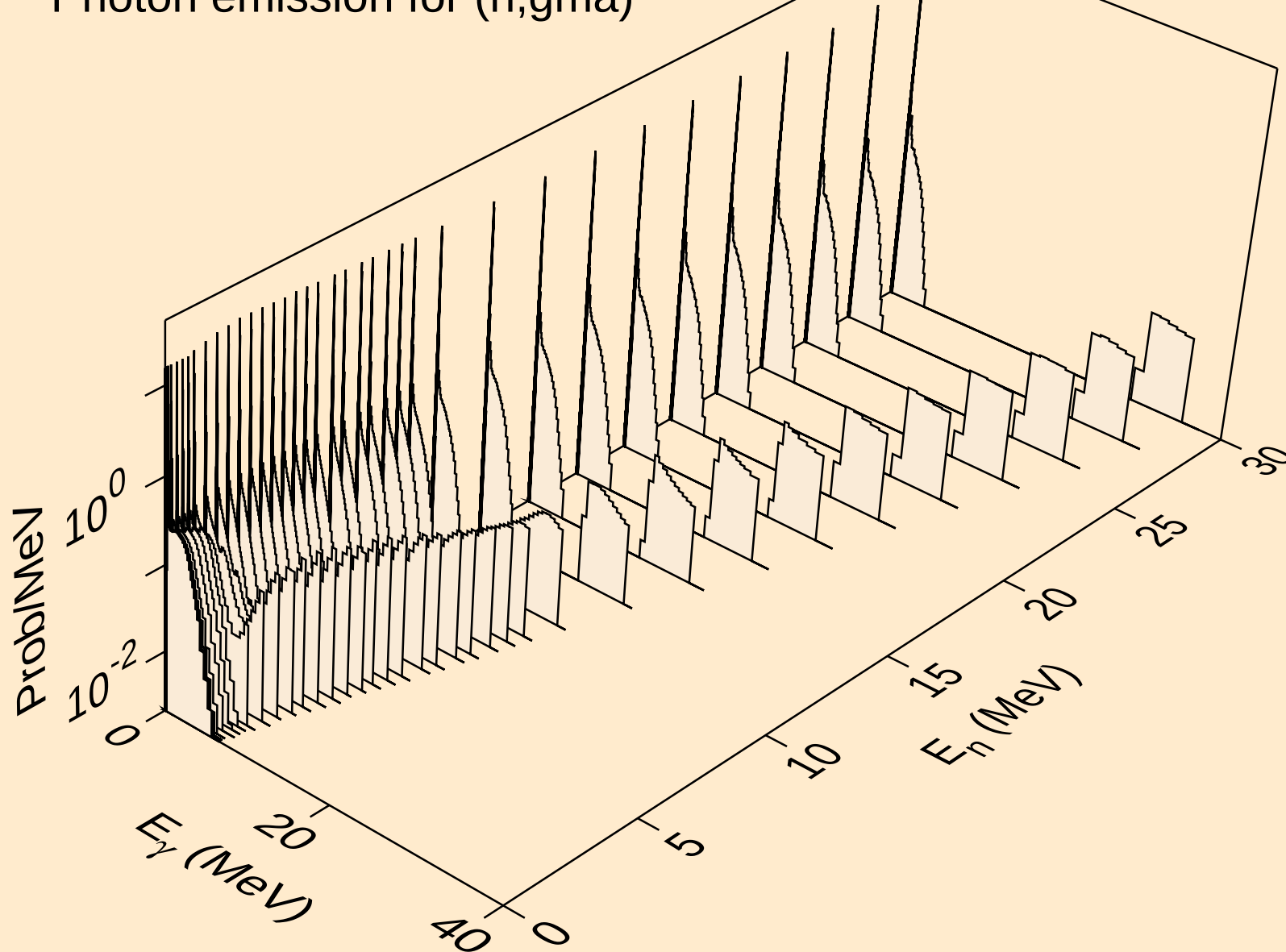
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



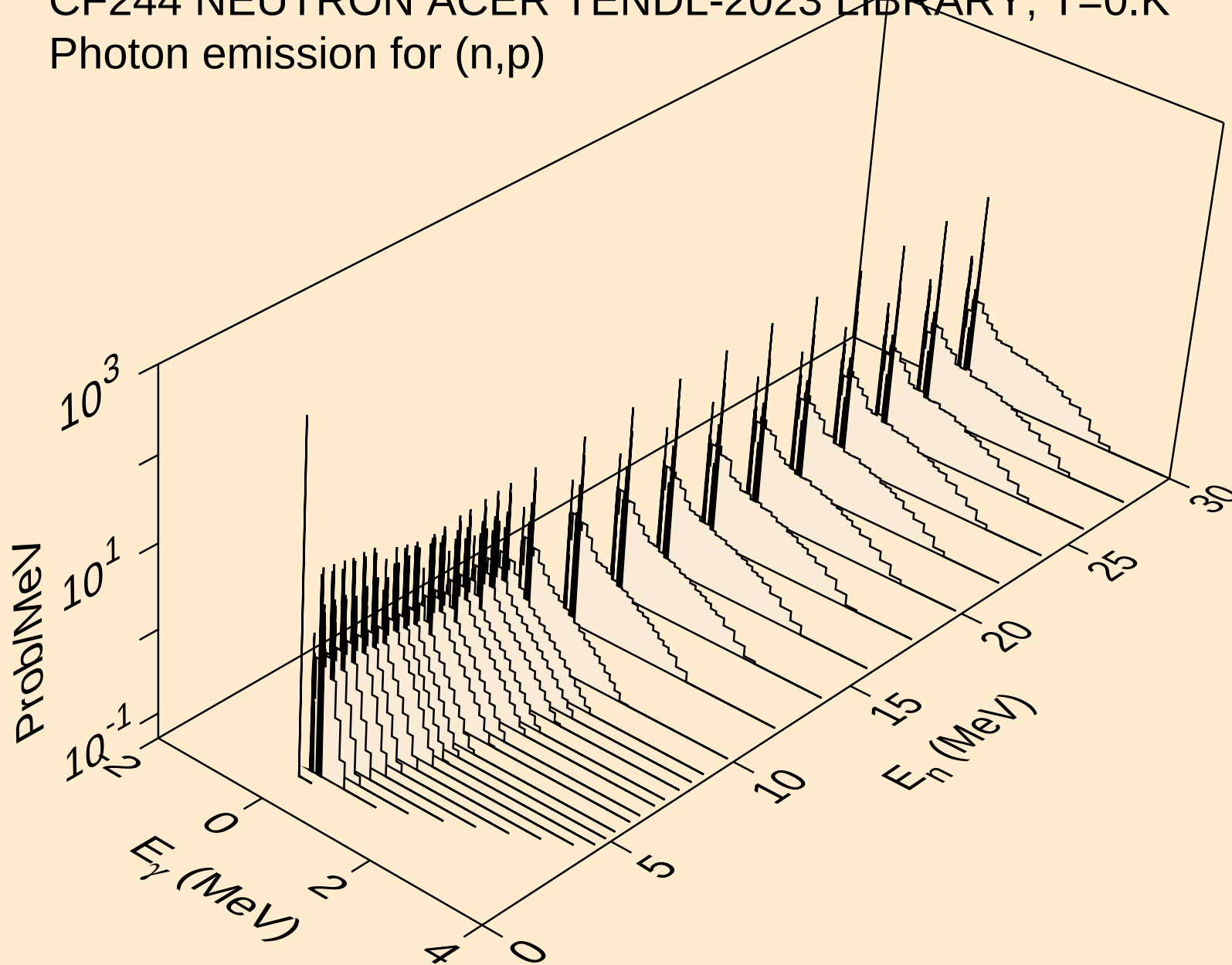
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Photon emission for (n,n*c)



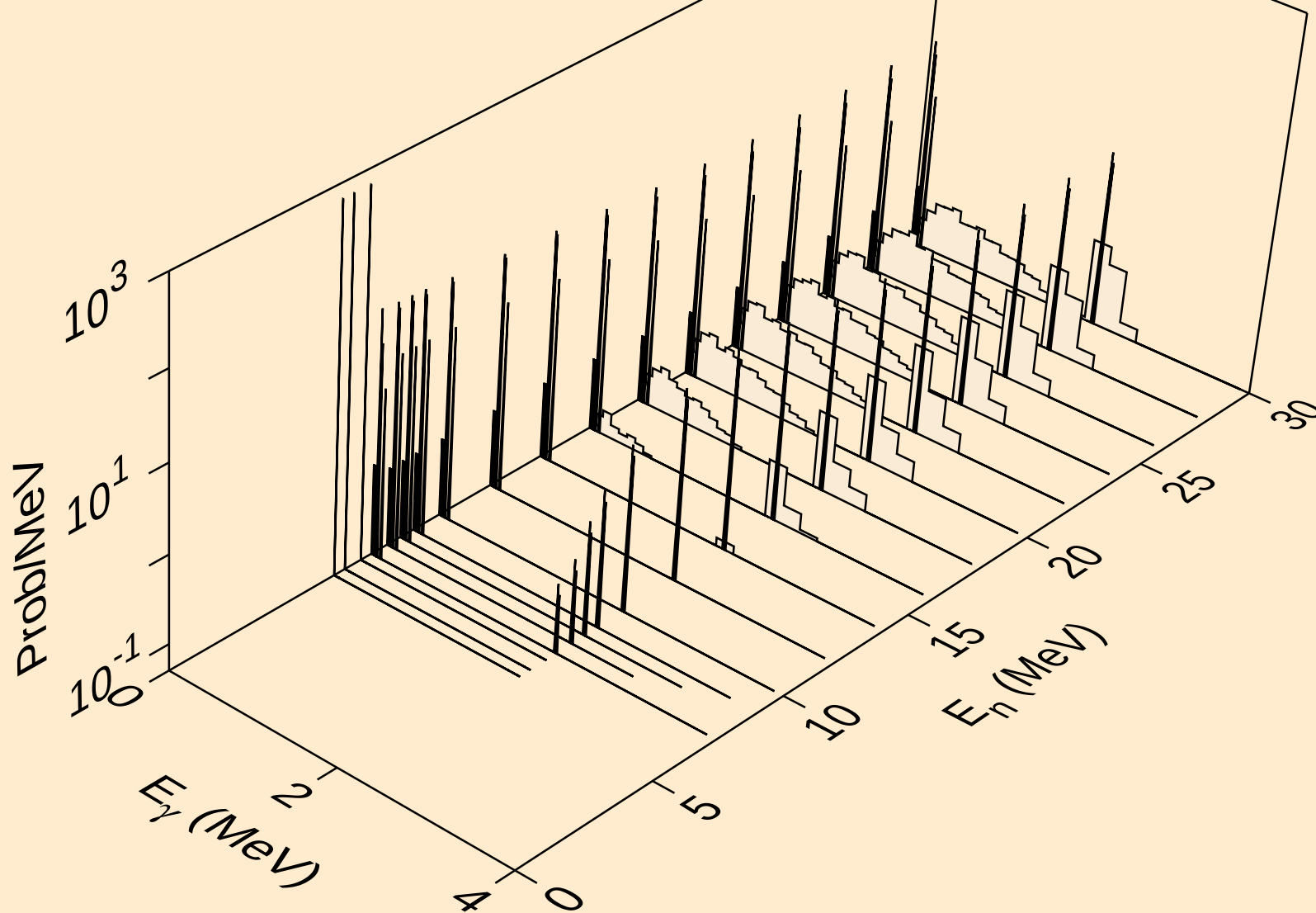
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Photon emission for (n,gma)



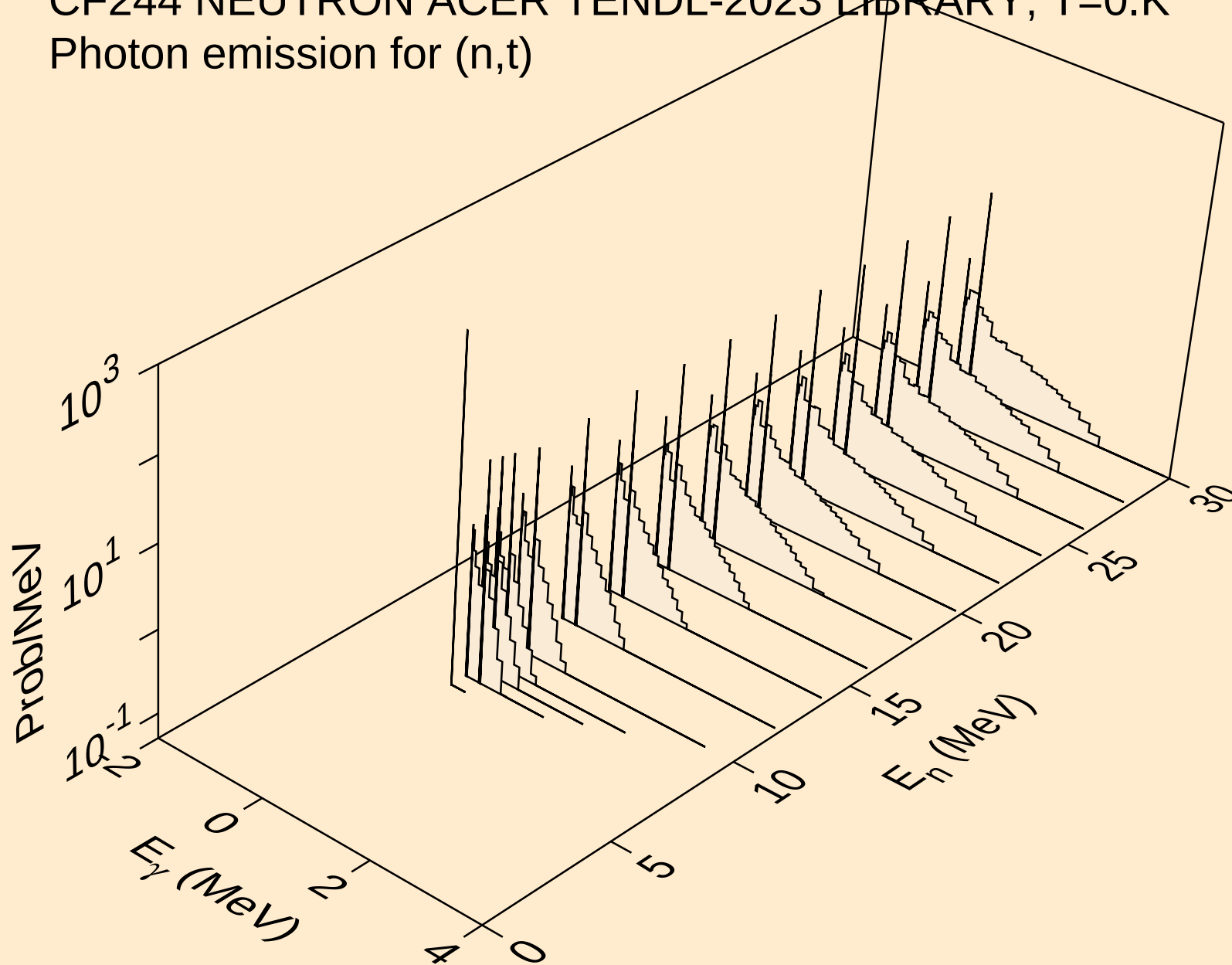
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



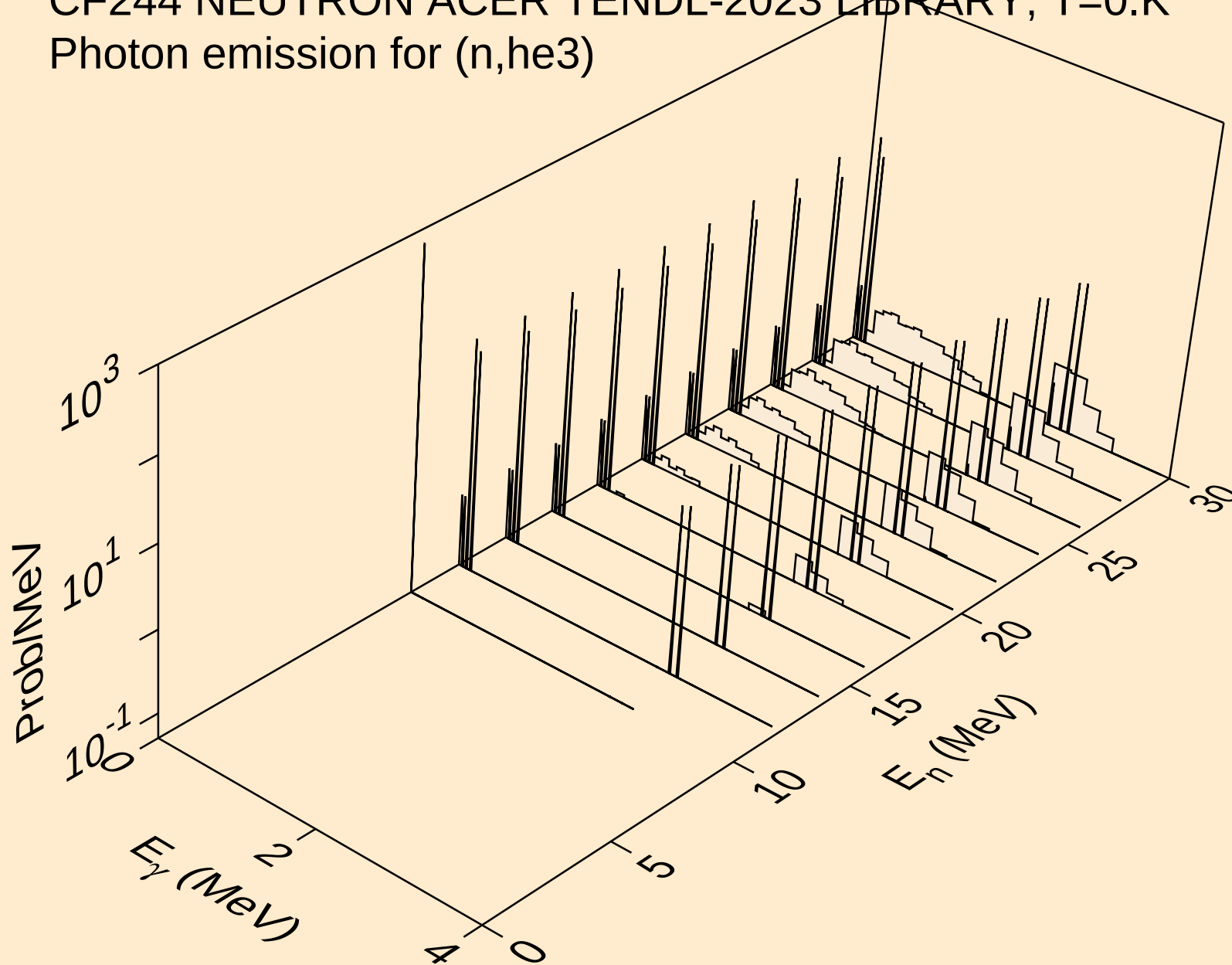
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



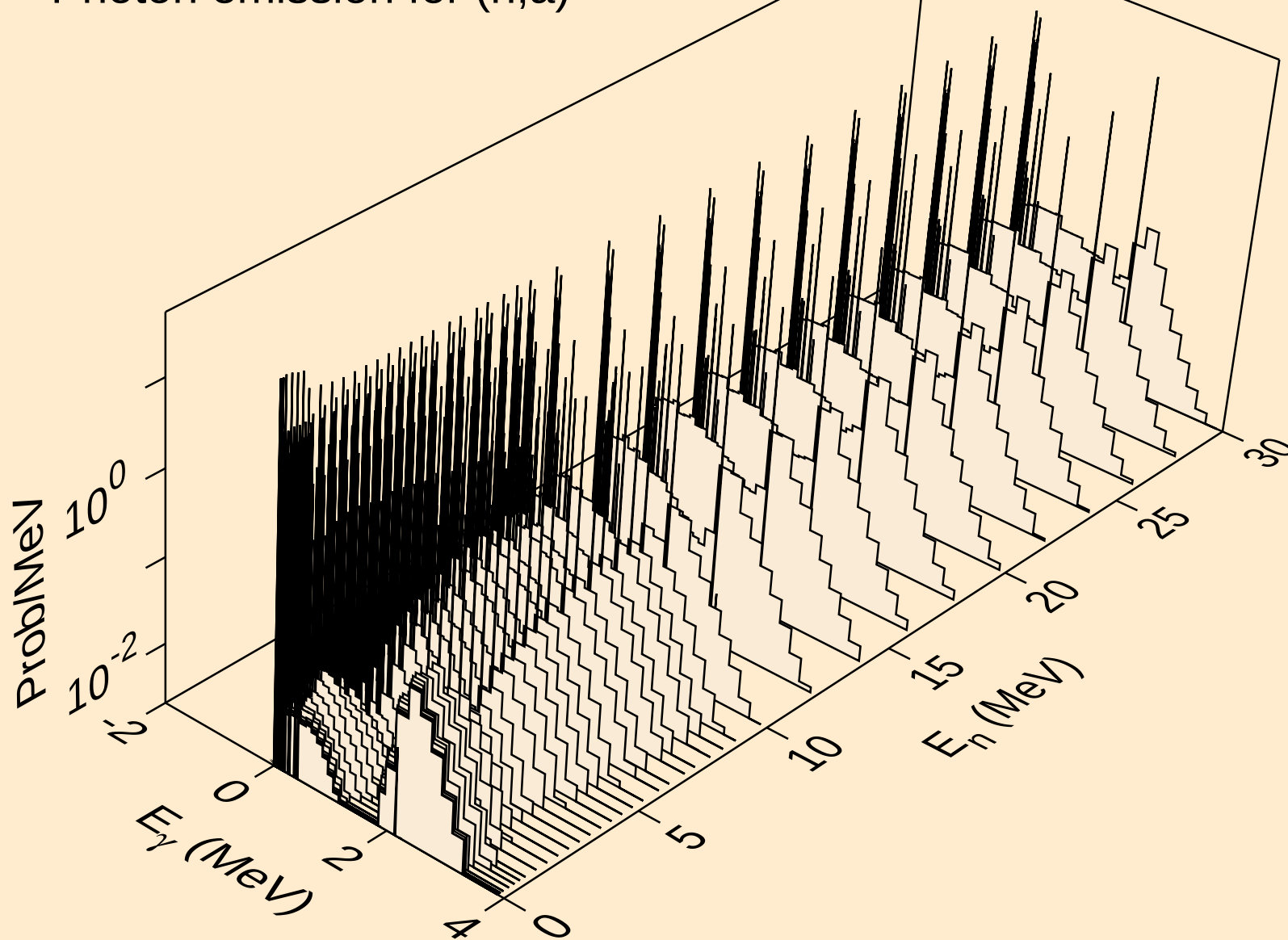
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



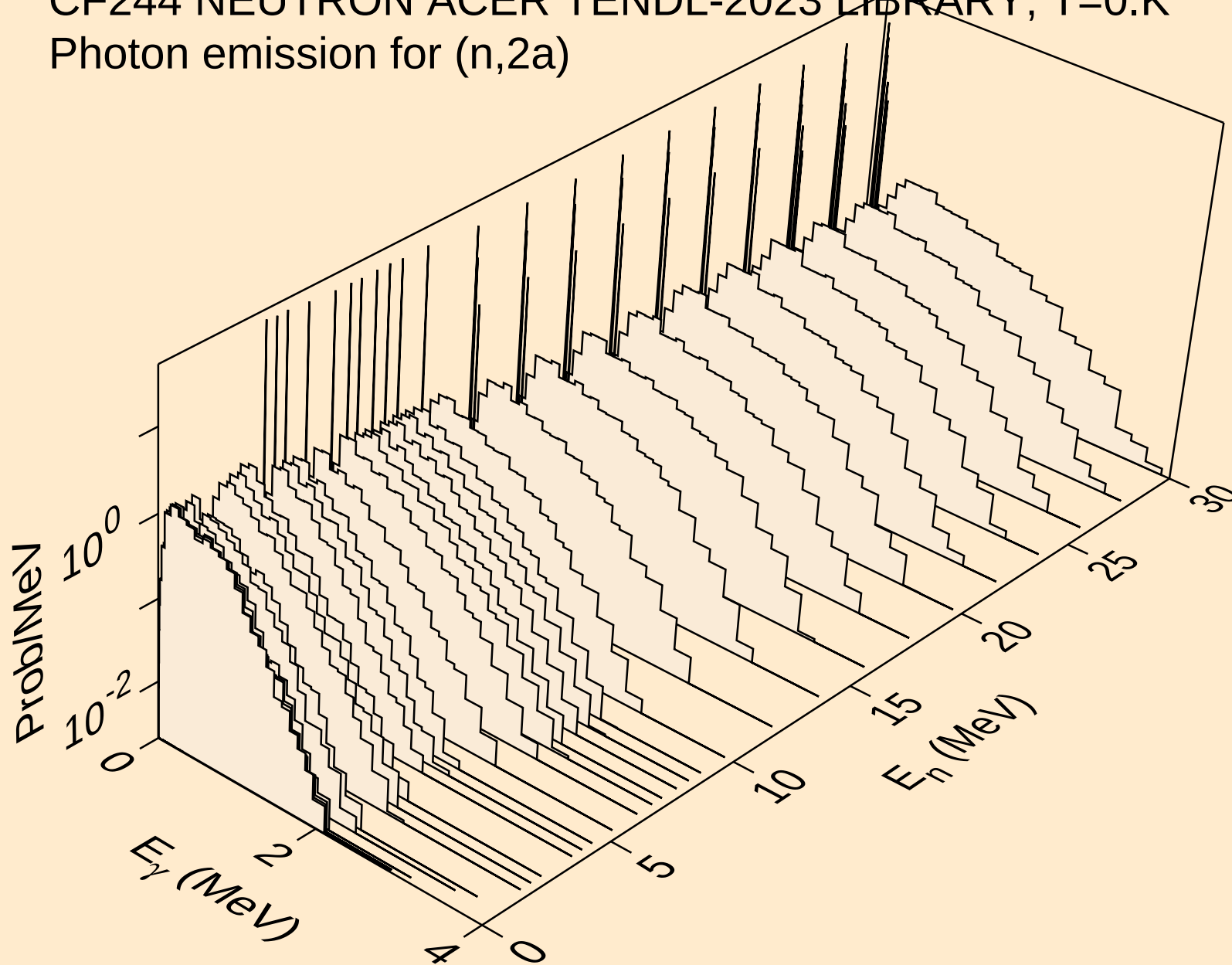
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



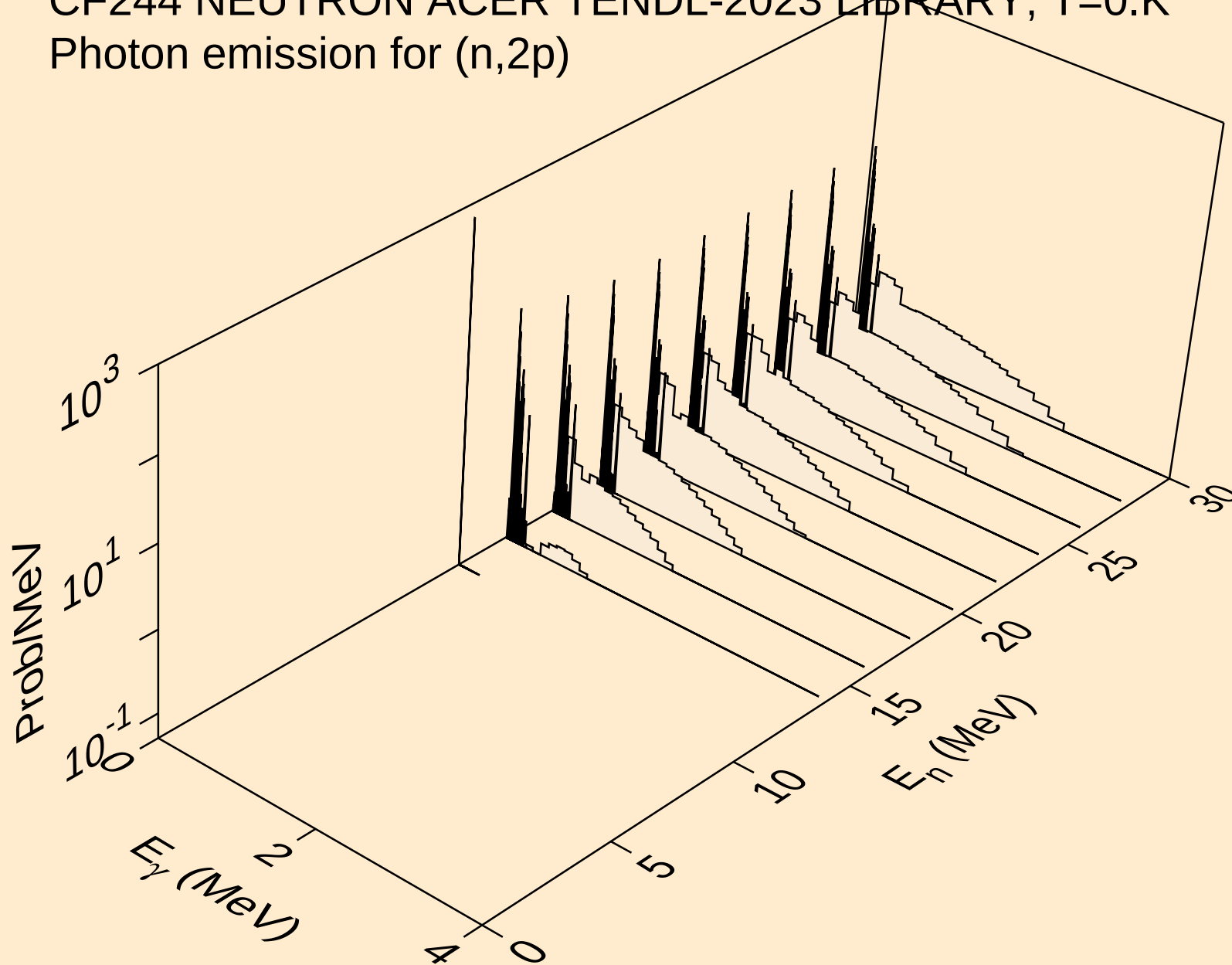
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Photon emission for (n,a)



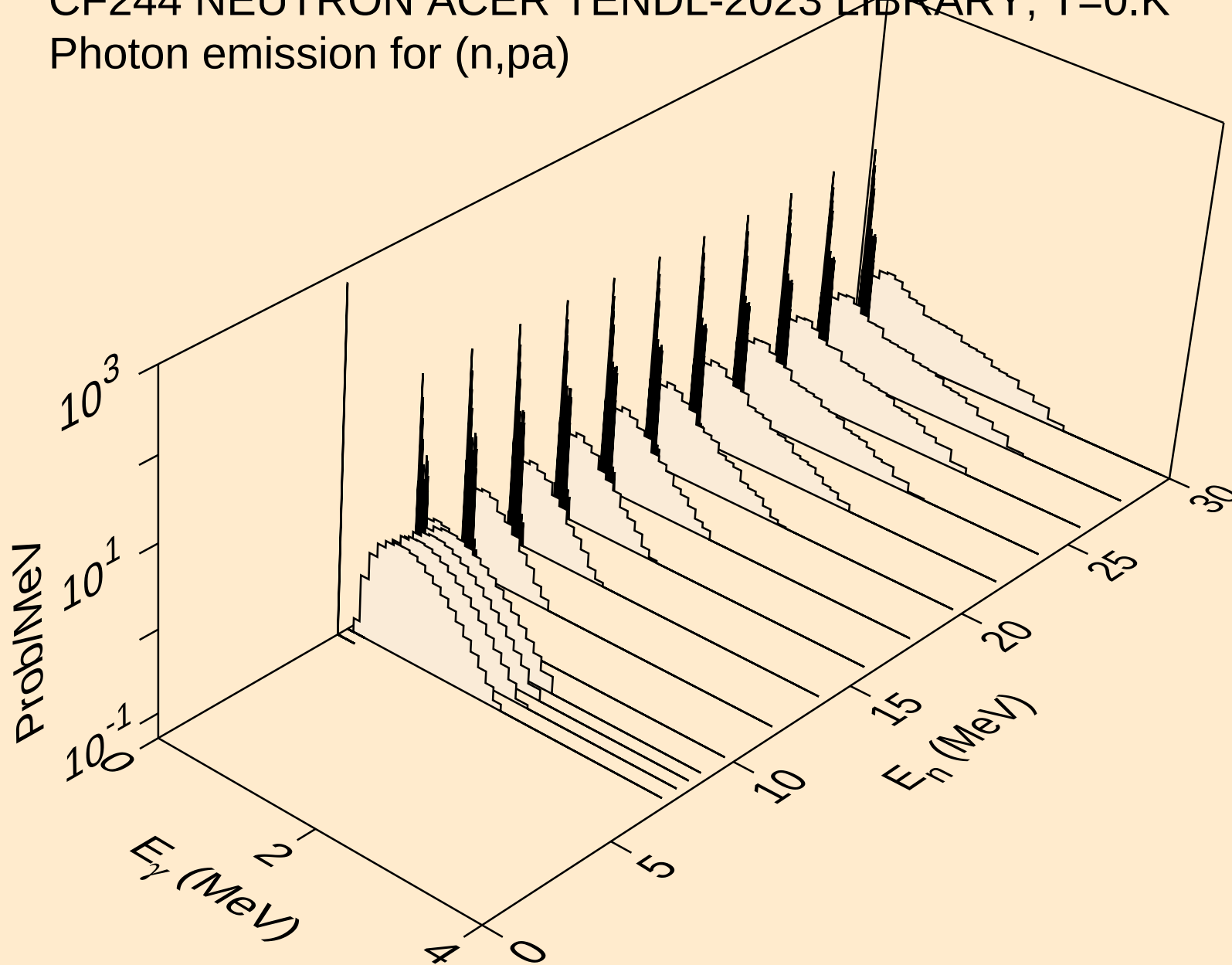
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Photon emission for (n,2a)



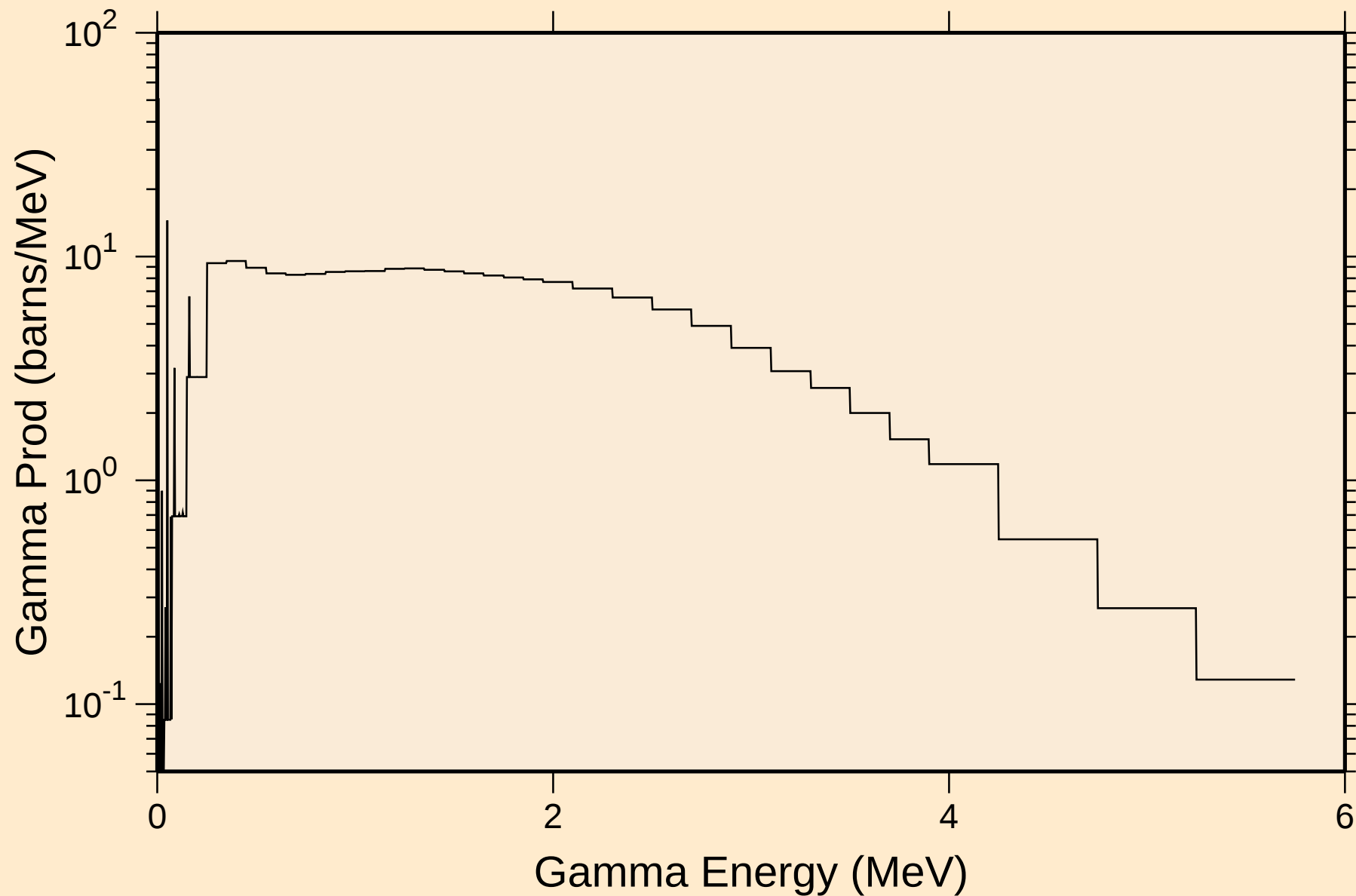
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Photon emission for (n,2p)



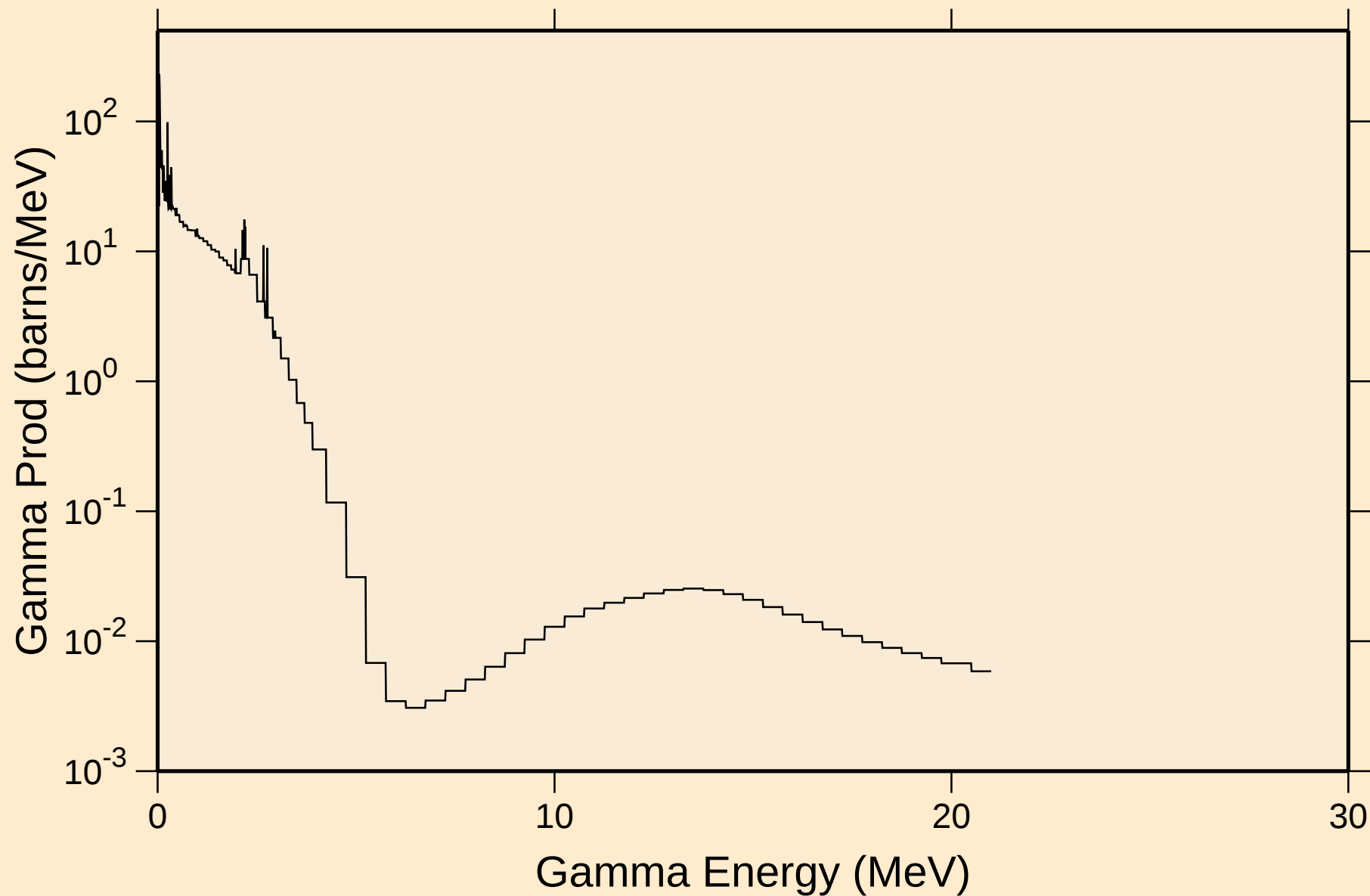
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

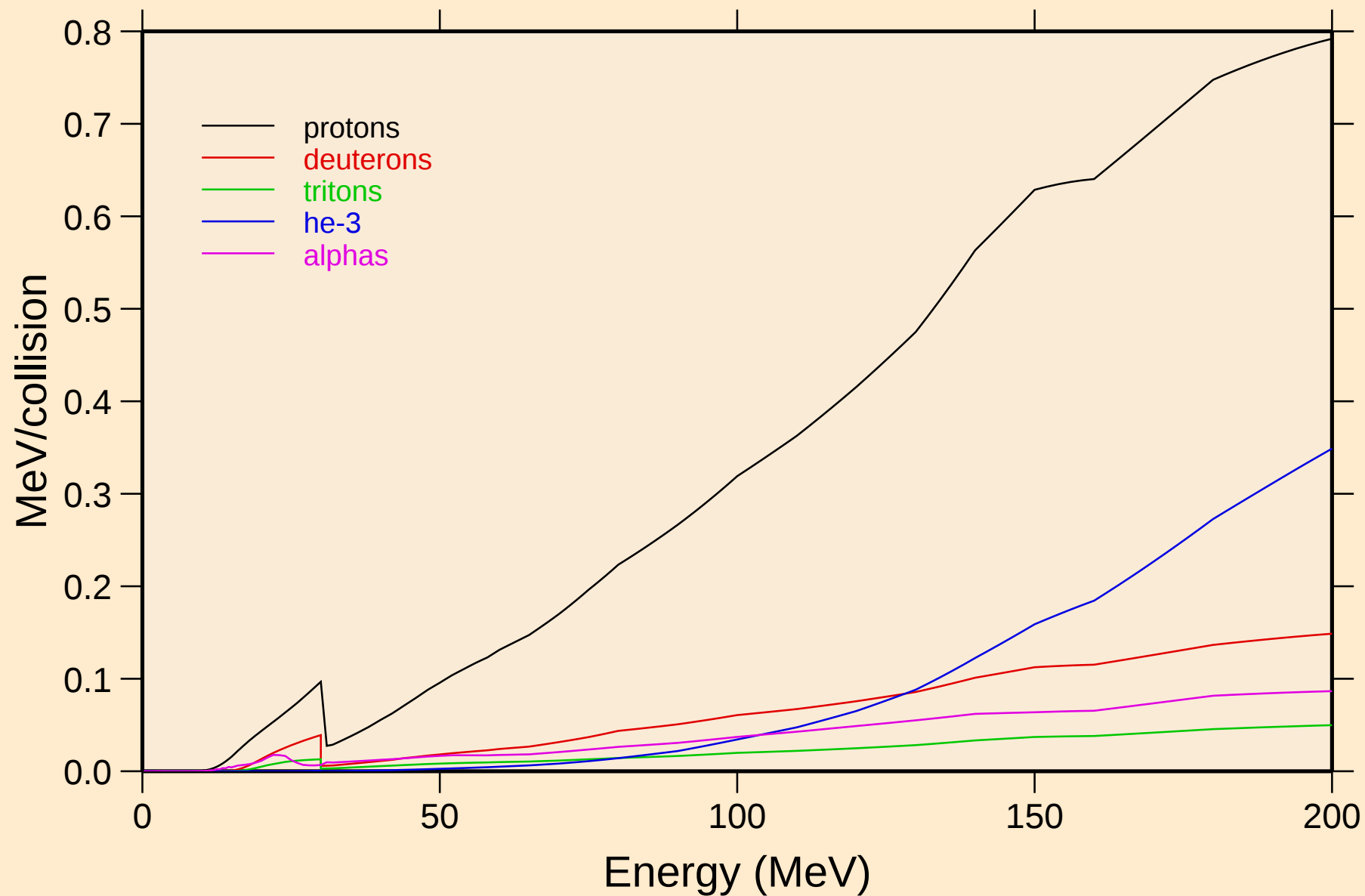


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14 MeV photon spectrum

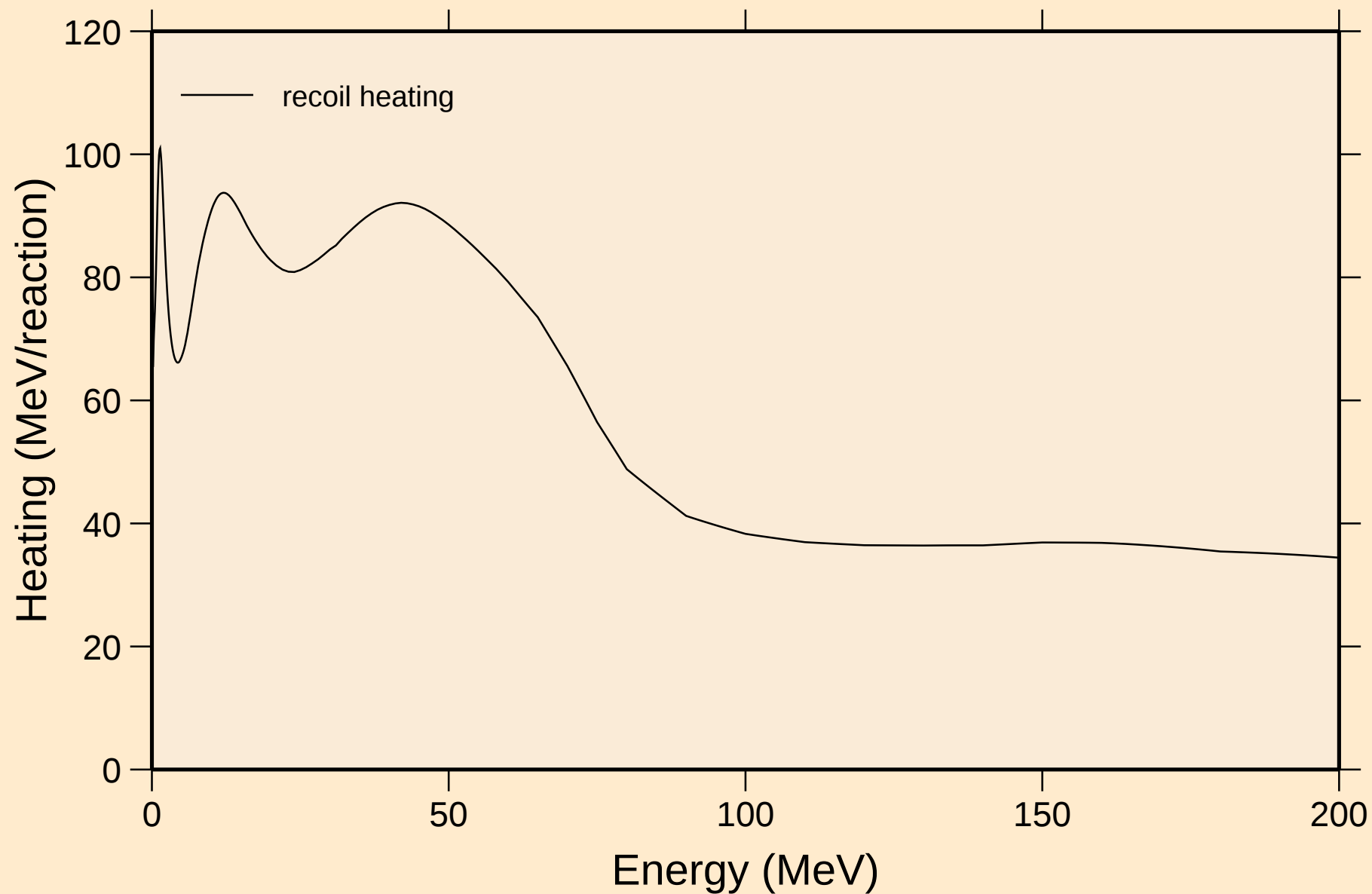


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

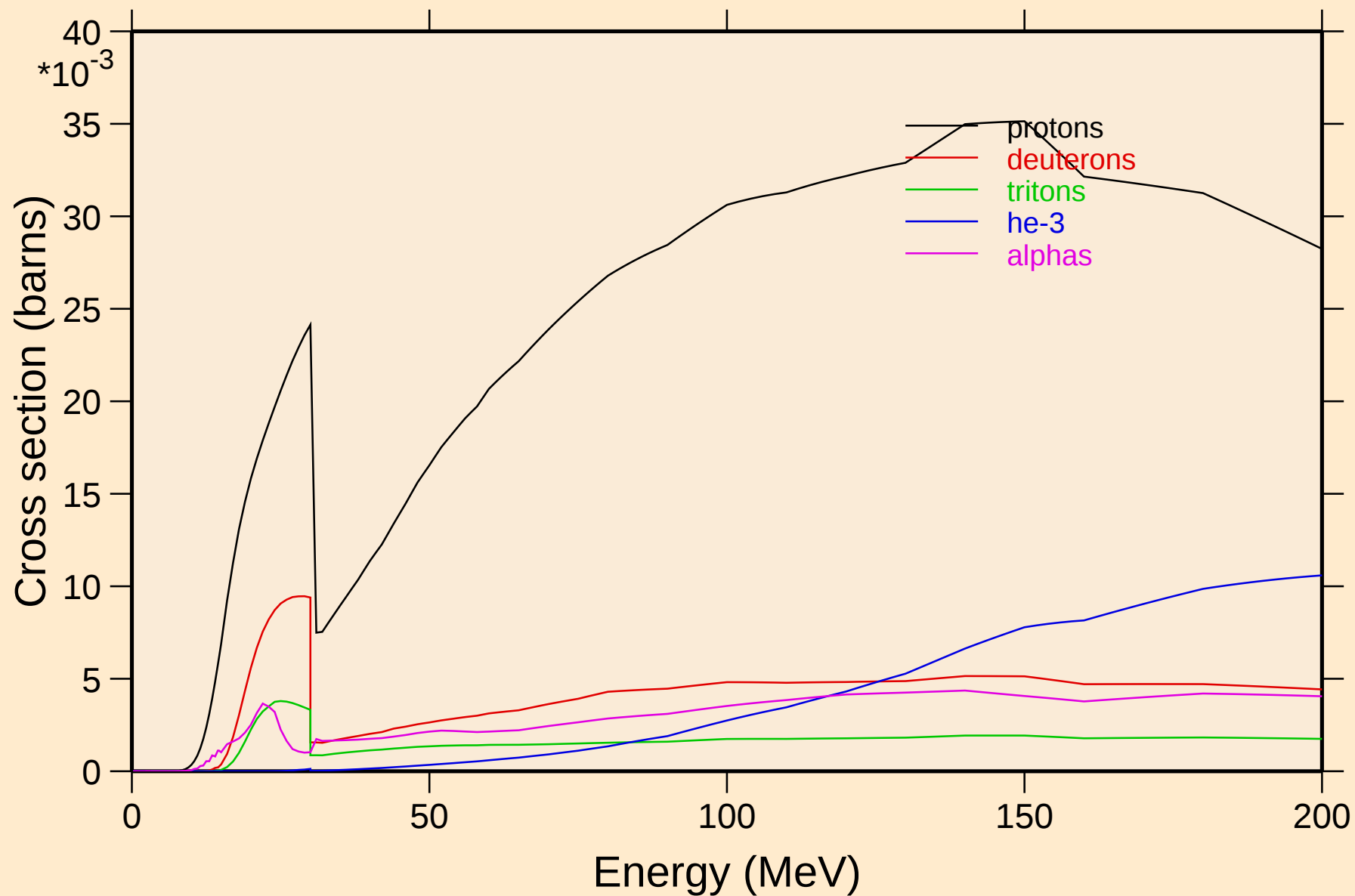


CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

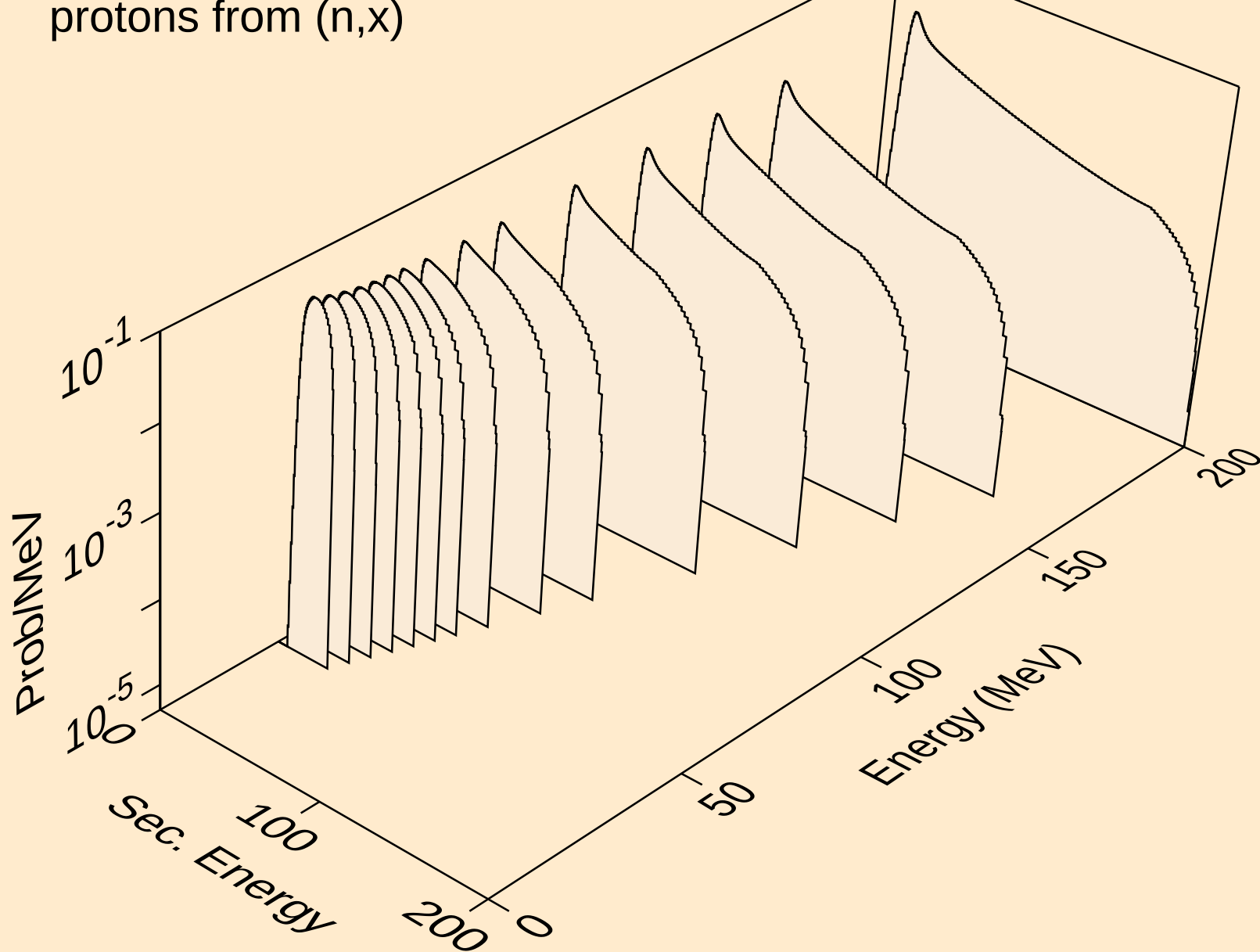


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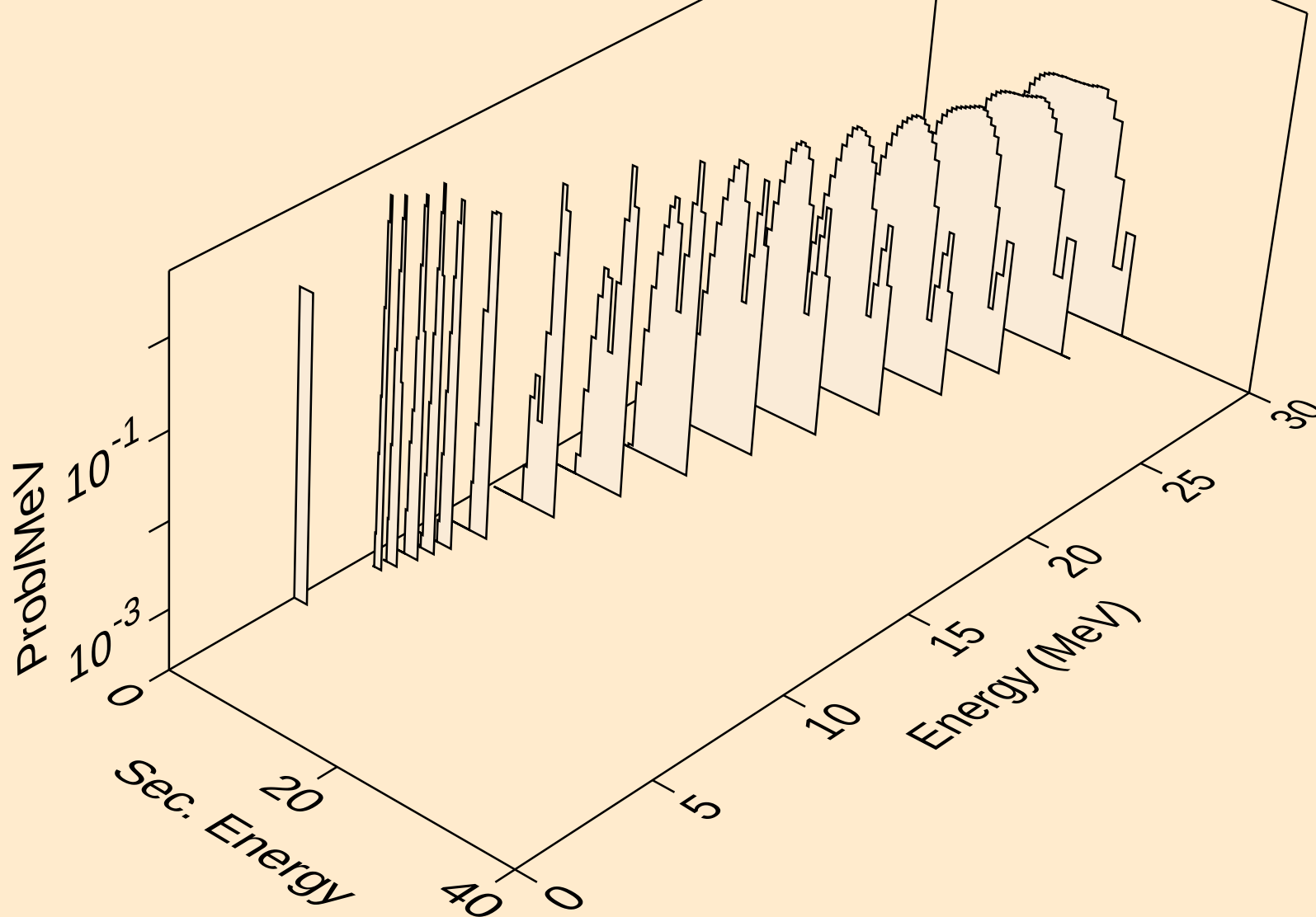
Particle production cross sections



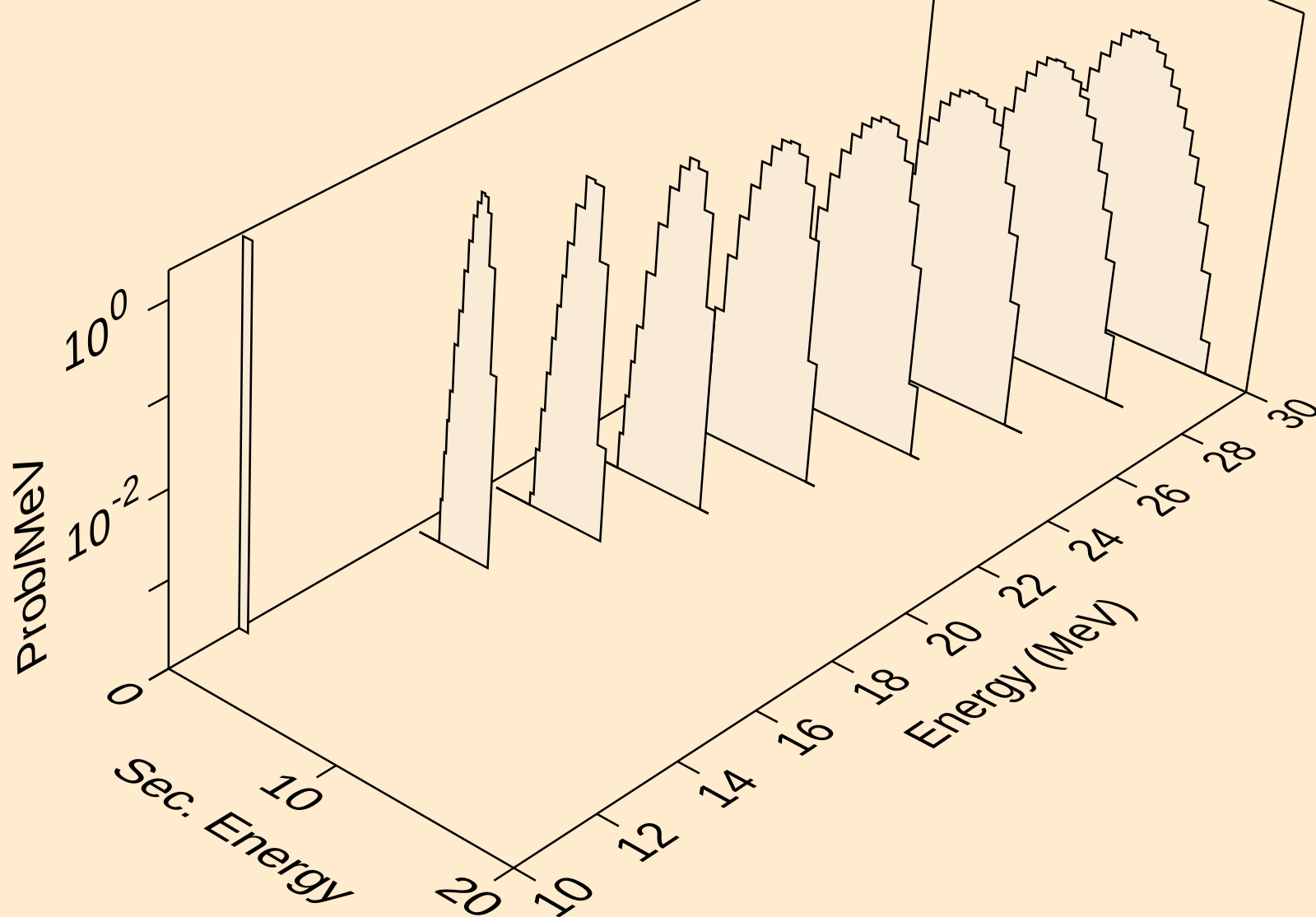
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



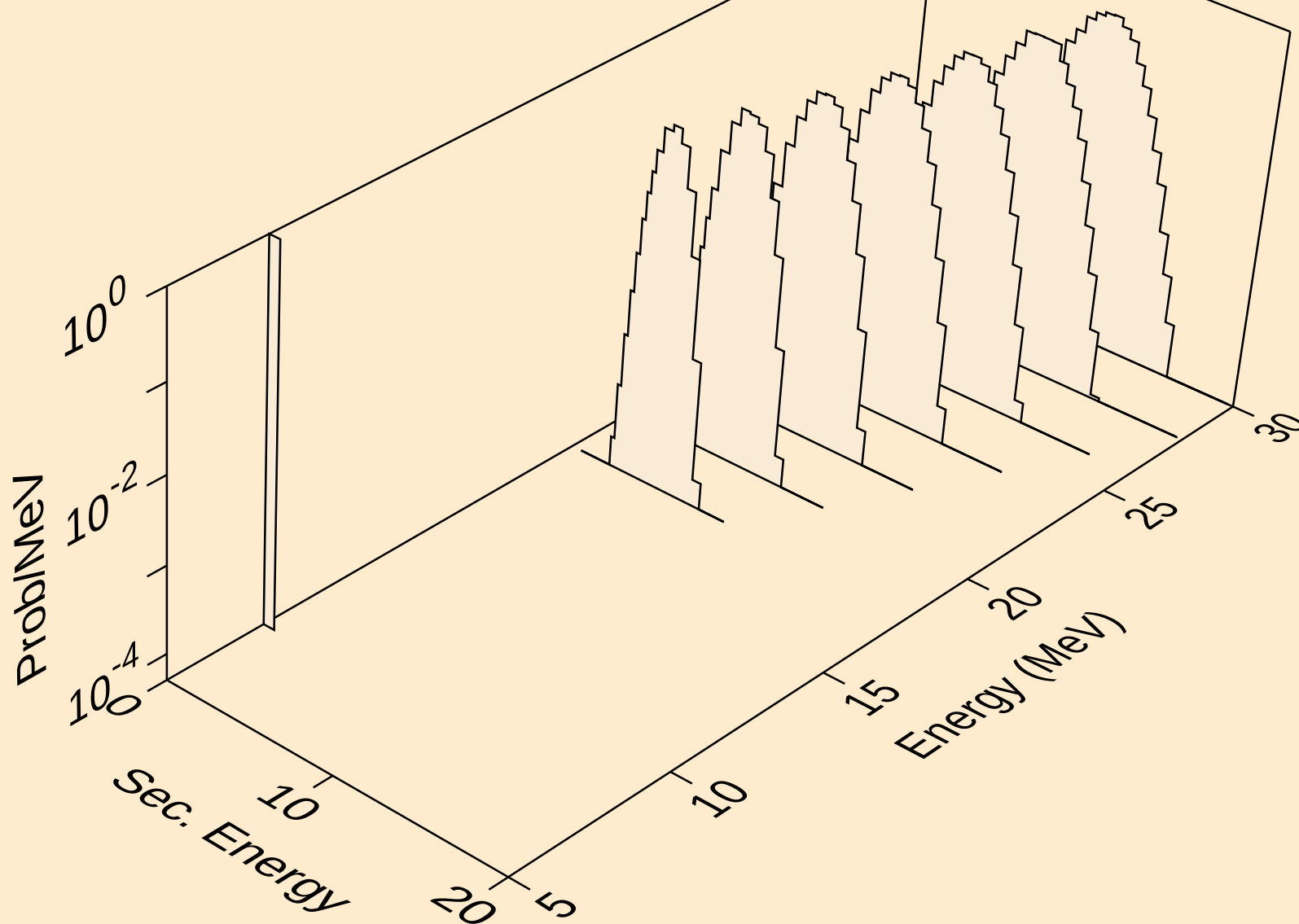
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



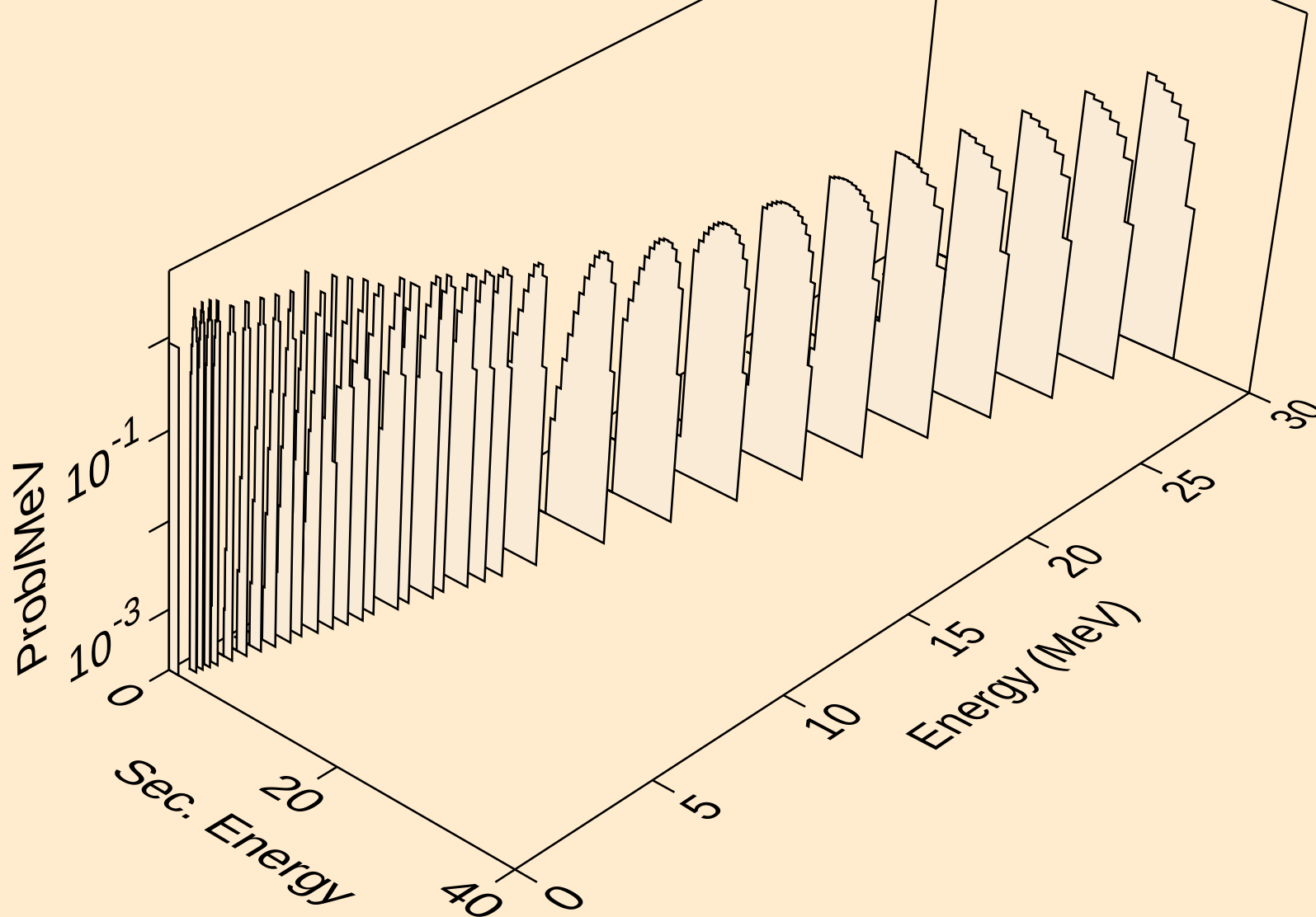
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protons from (n,2np)



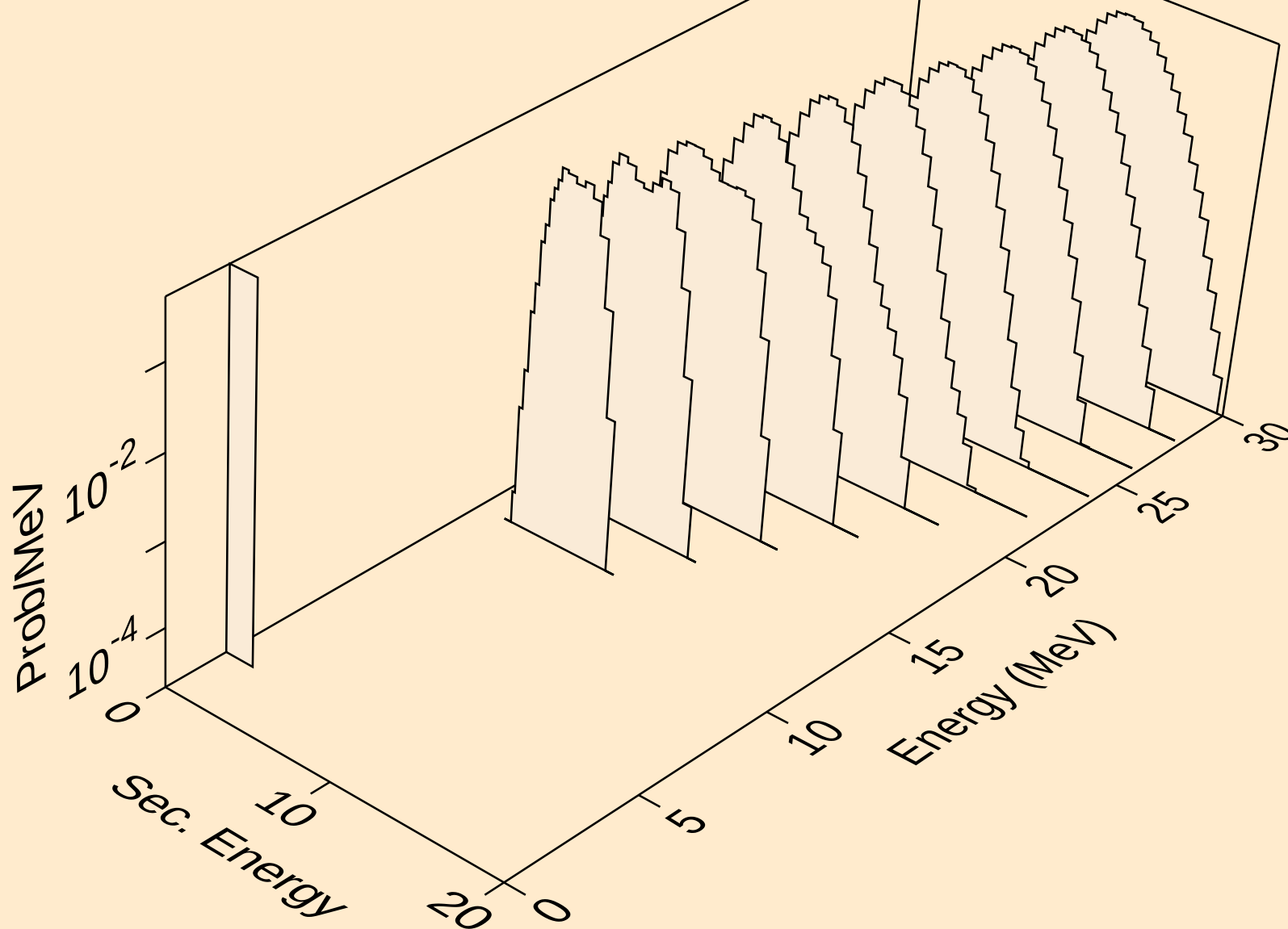
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protons from (n,n2p)



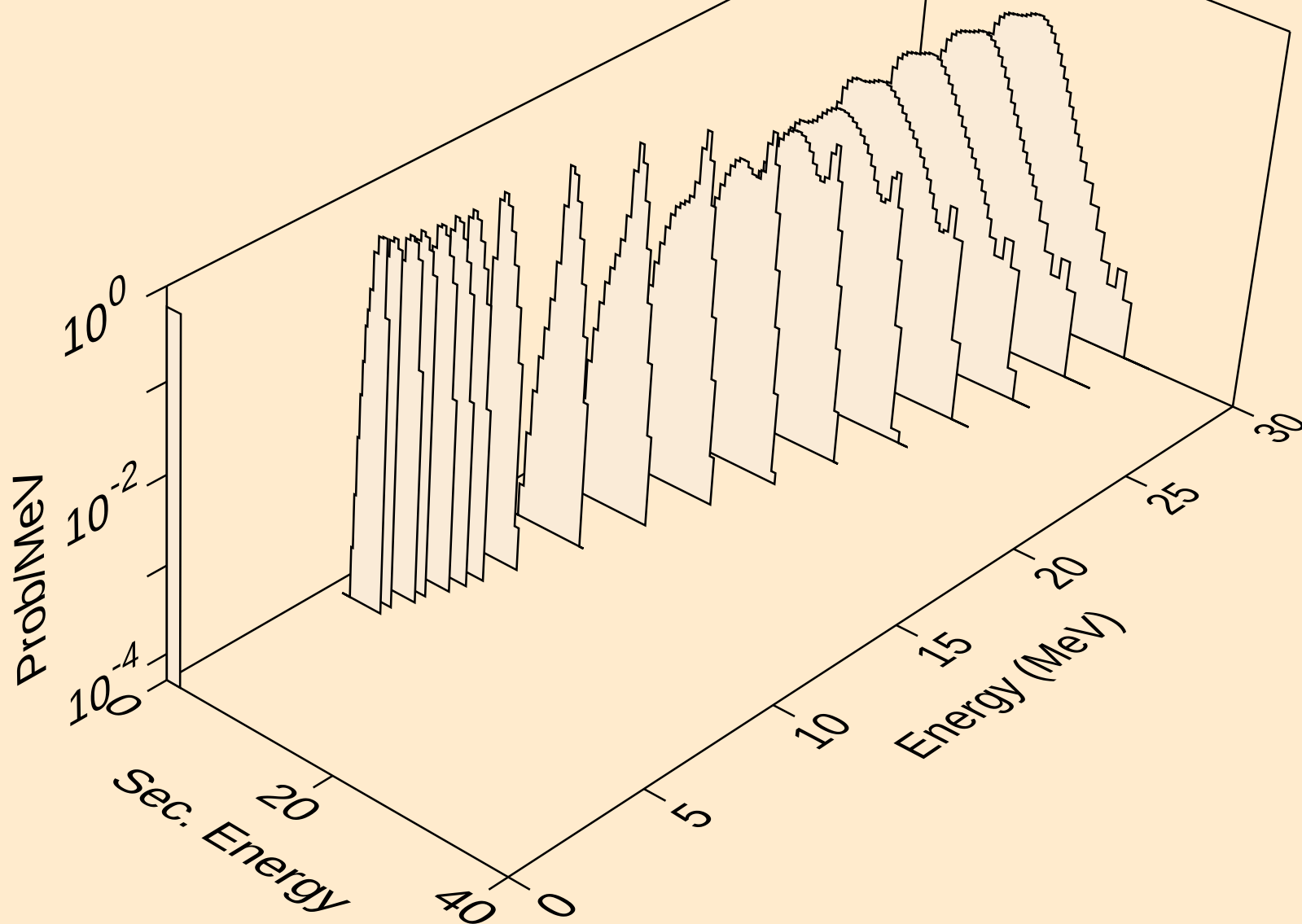
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protons from (n,p)



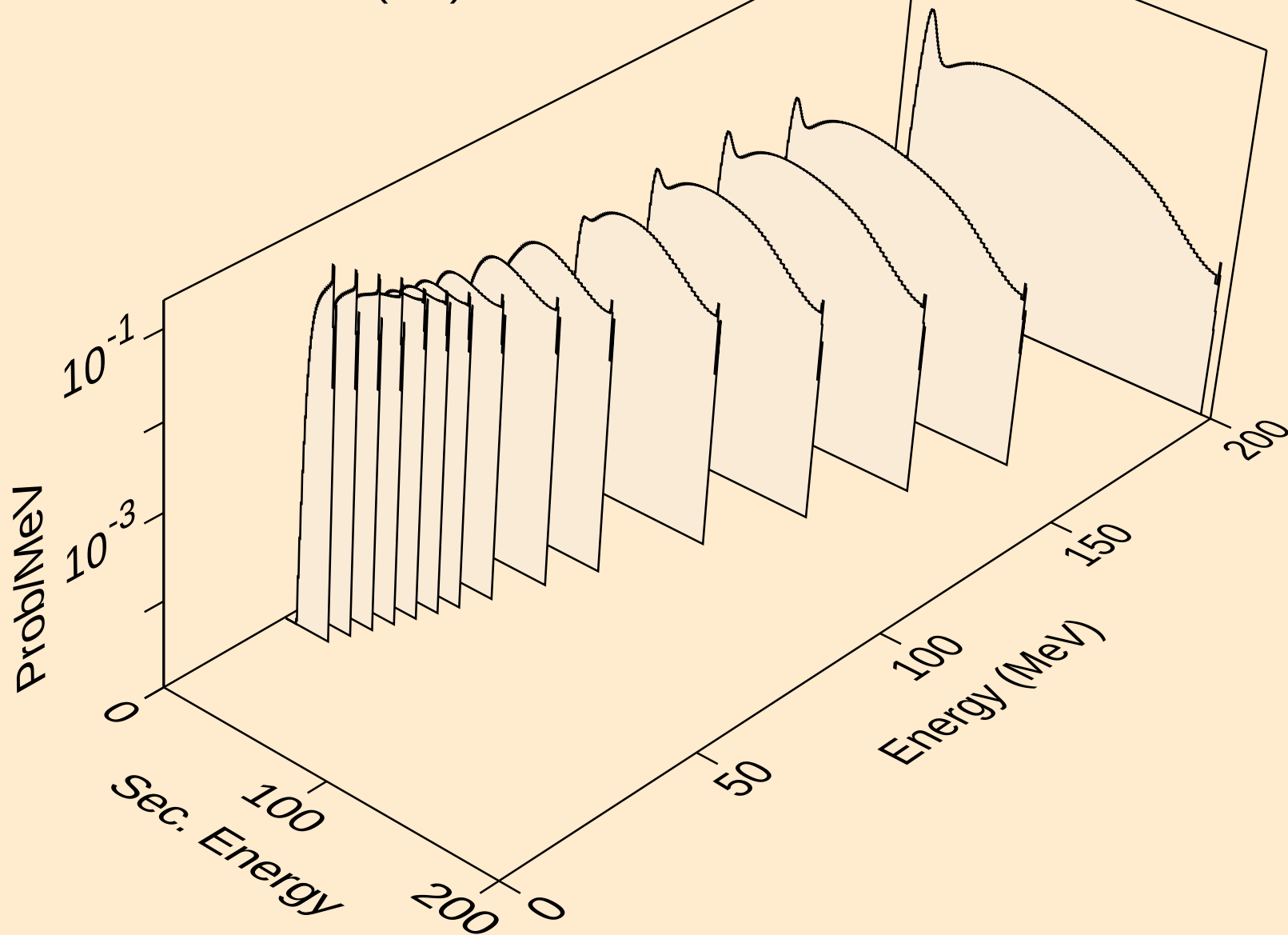
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protons from (n,2p)



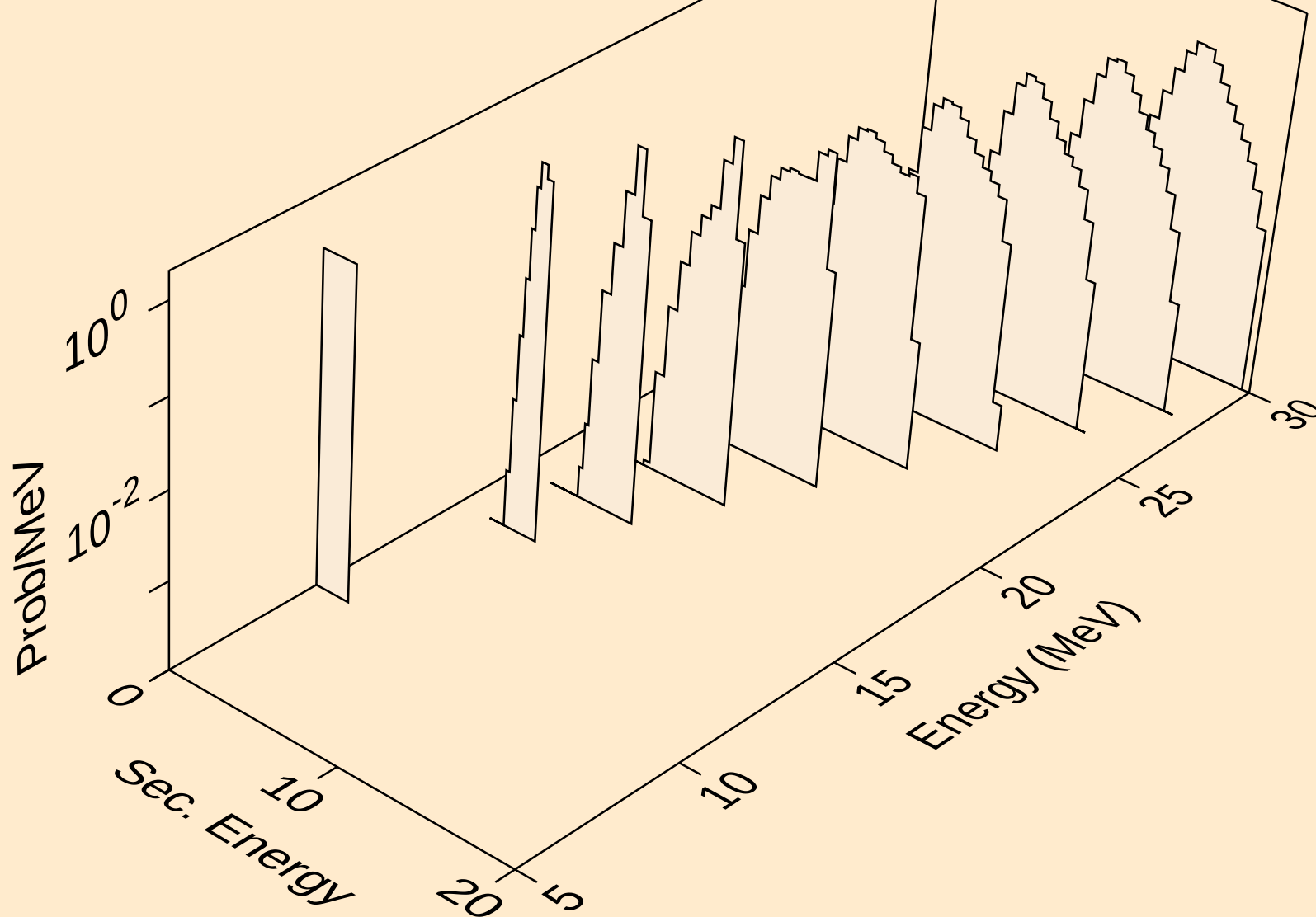
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protons from (n,p)



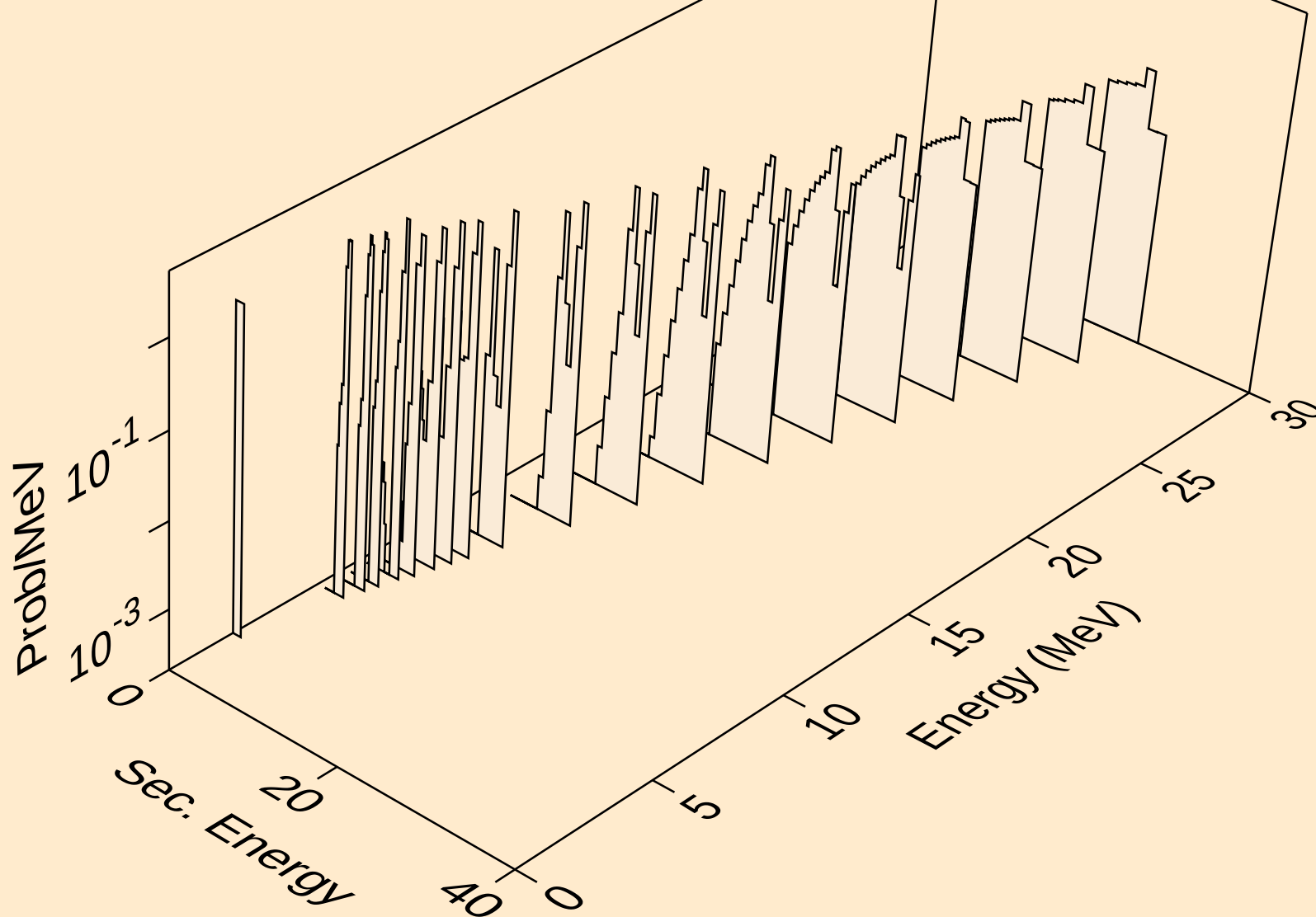
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deuterons from (n,x)



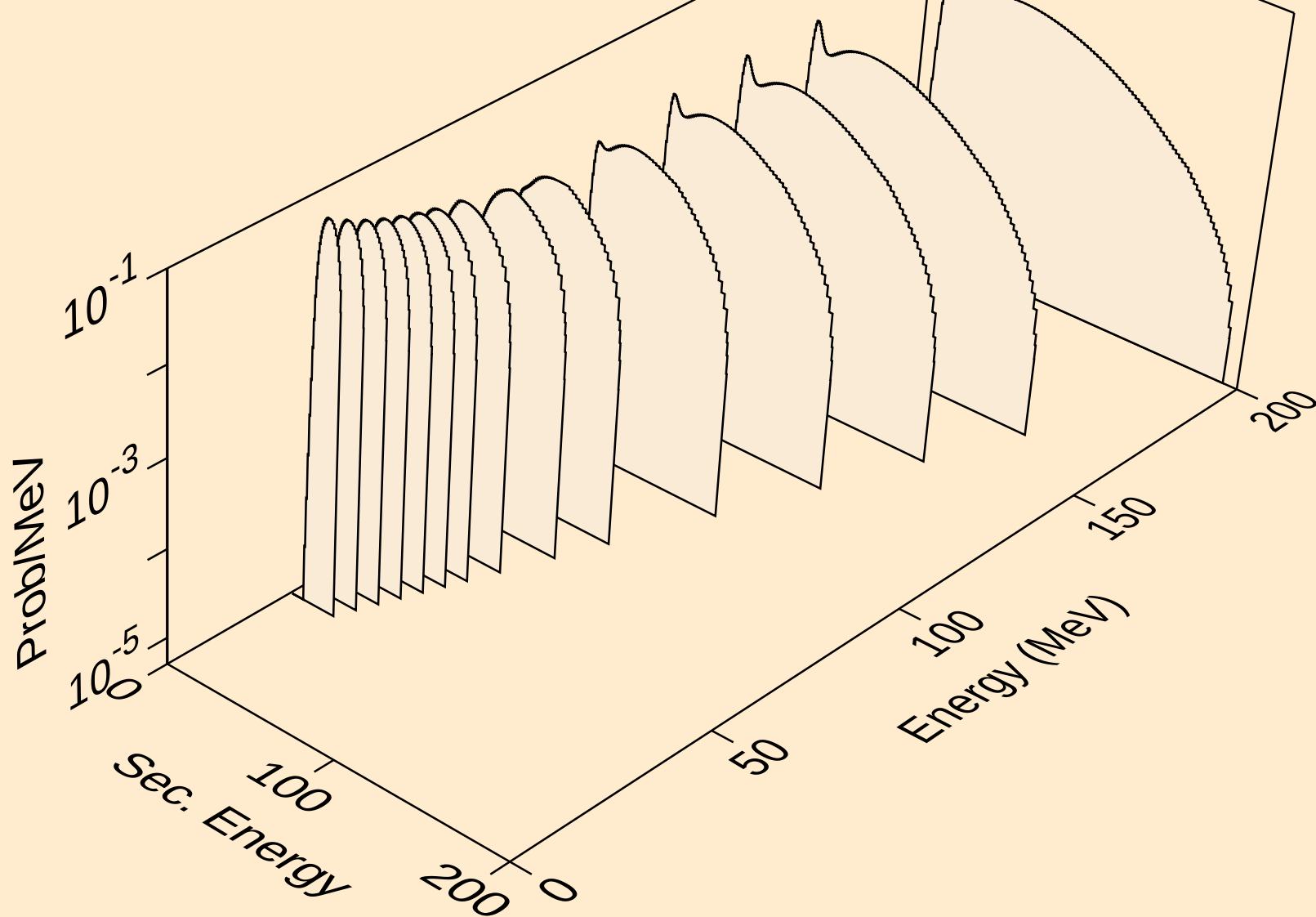
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



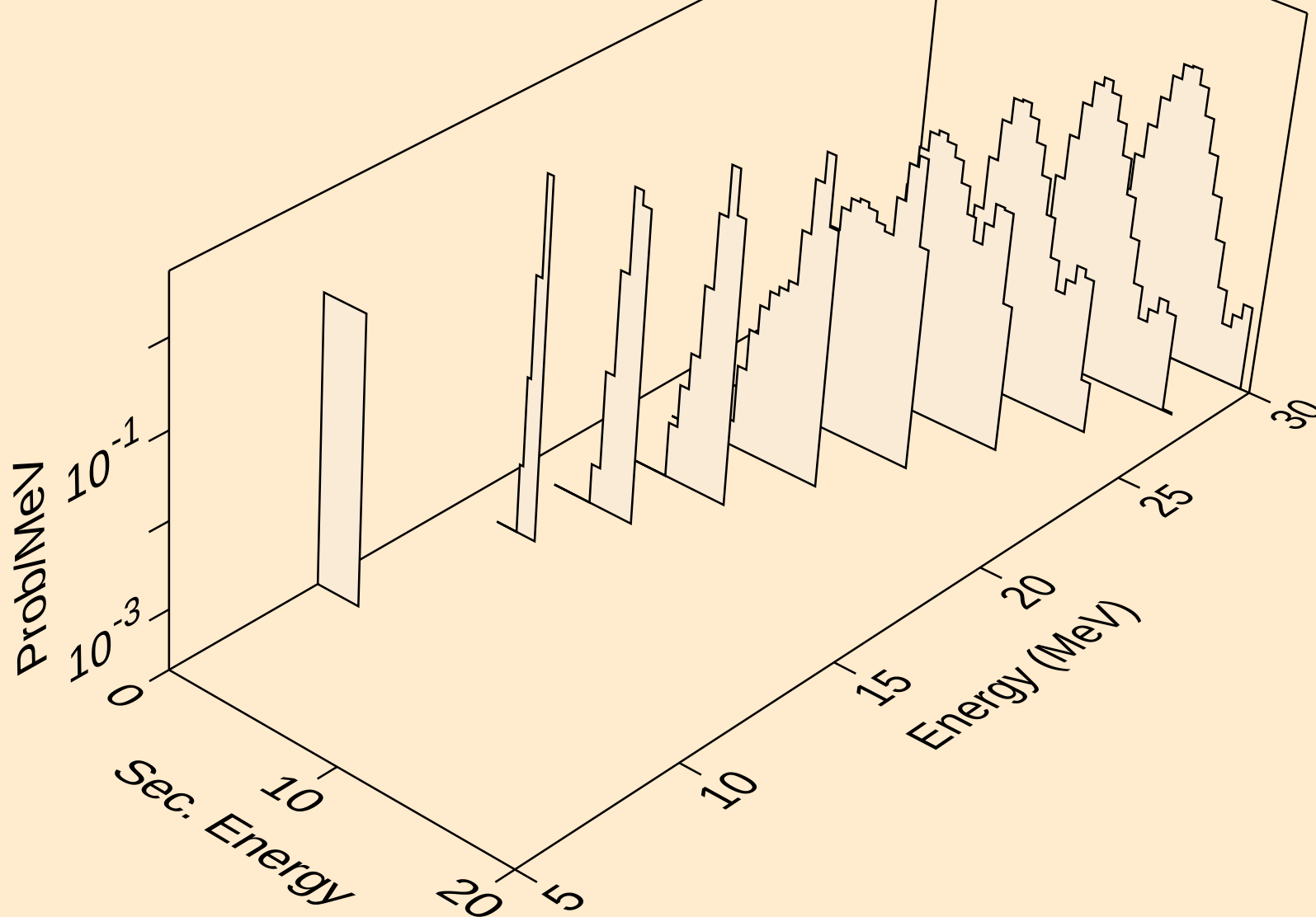
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deuterons from (n,d)



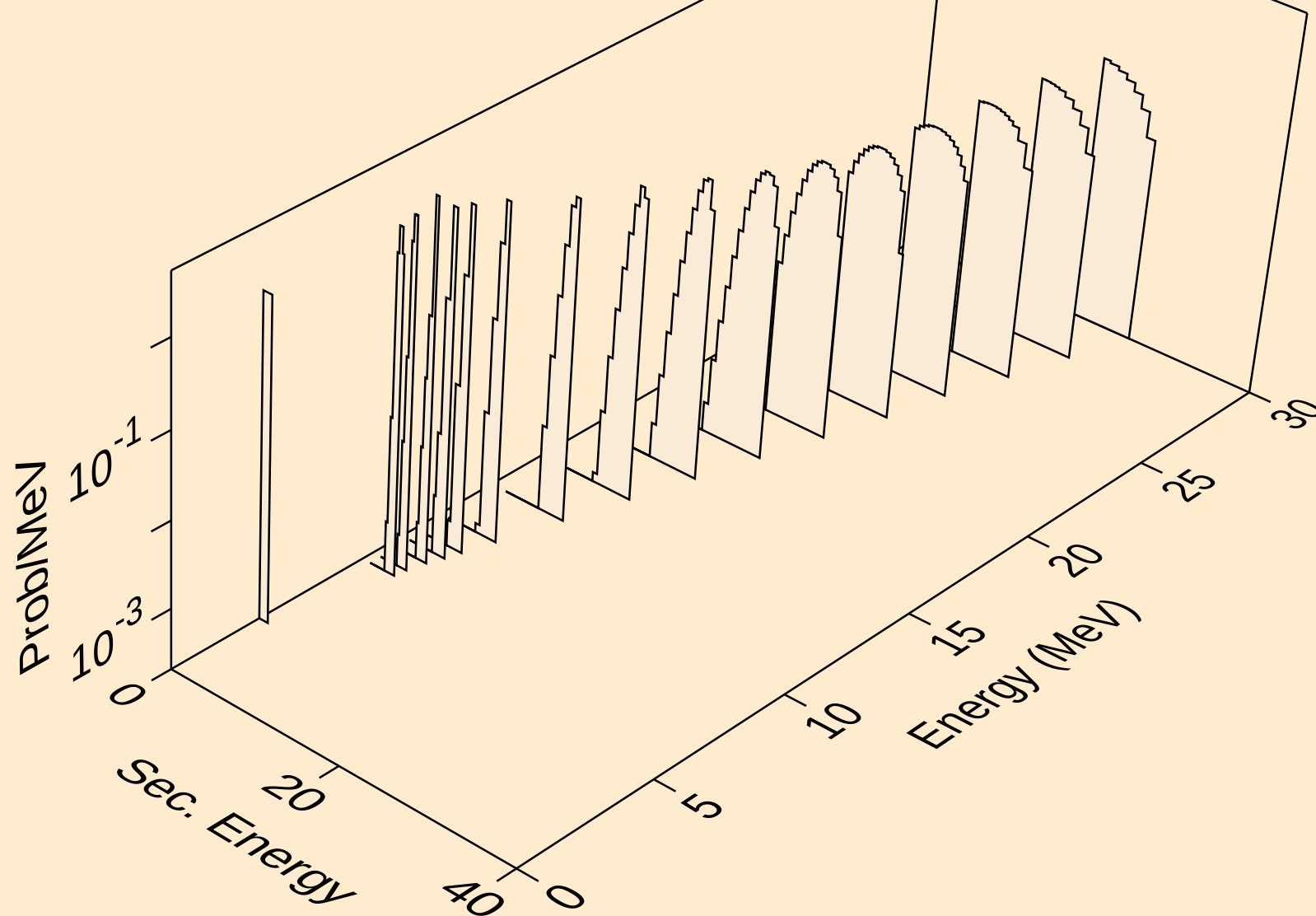
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tritons from (n,x)



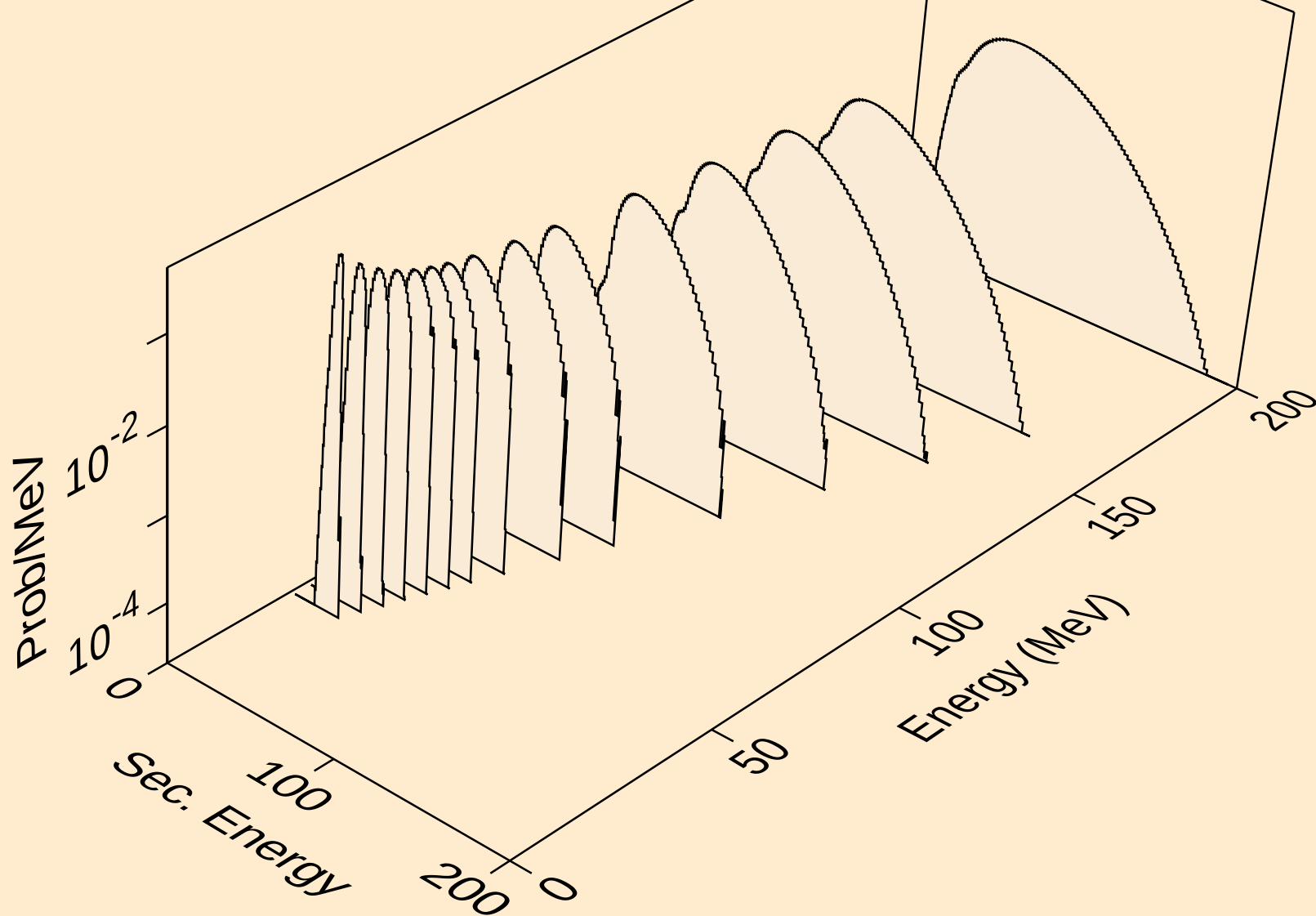
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



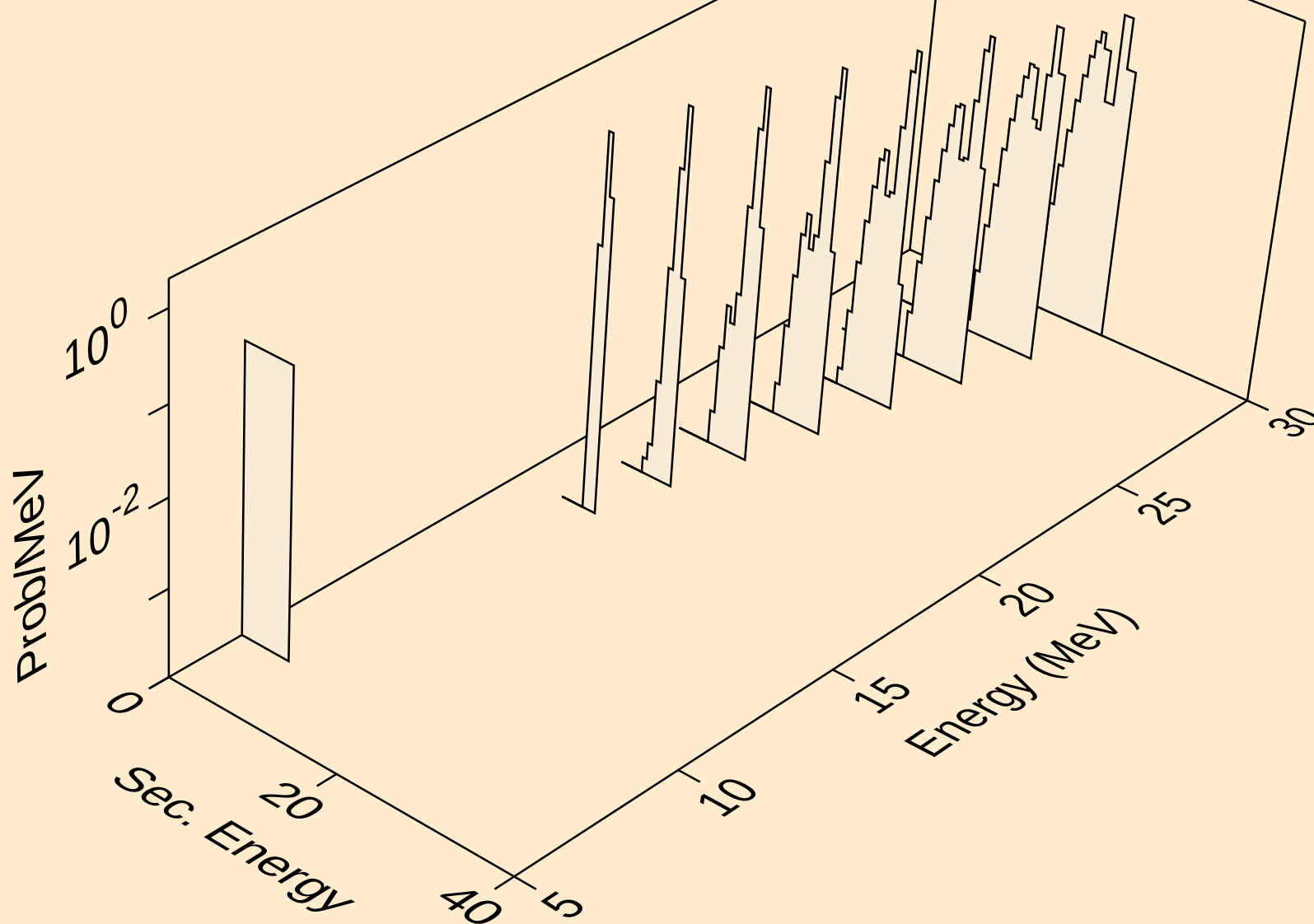
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tritons from (n,t)



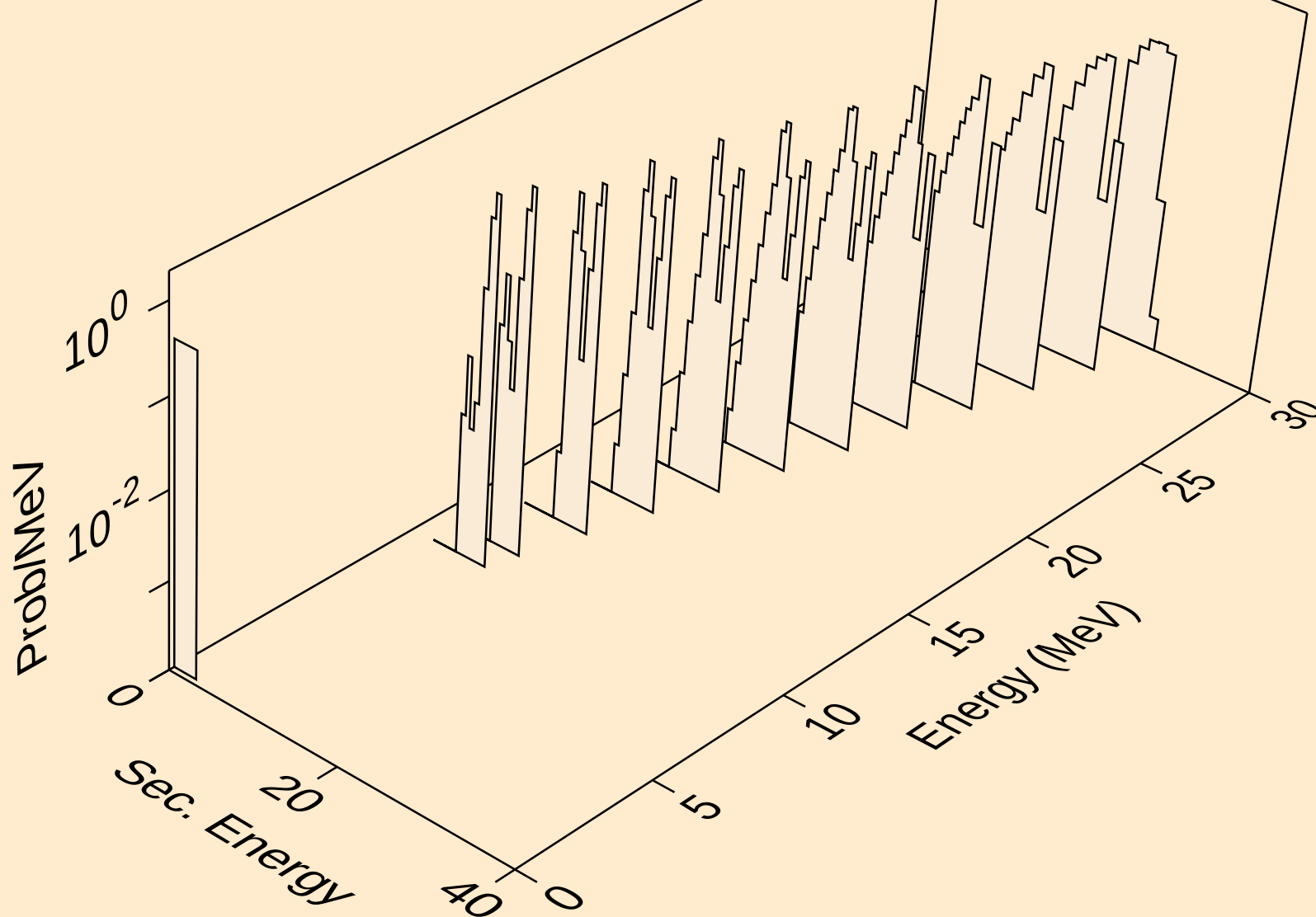
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



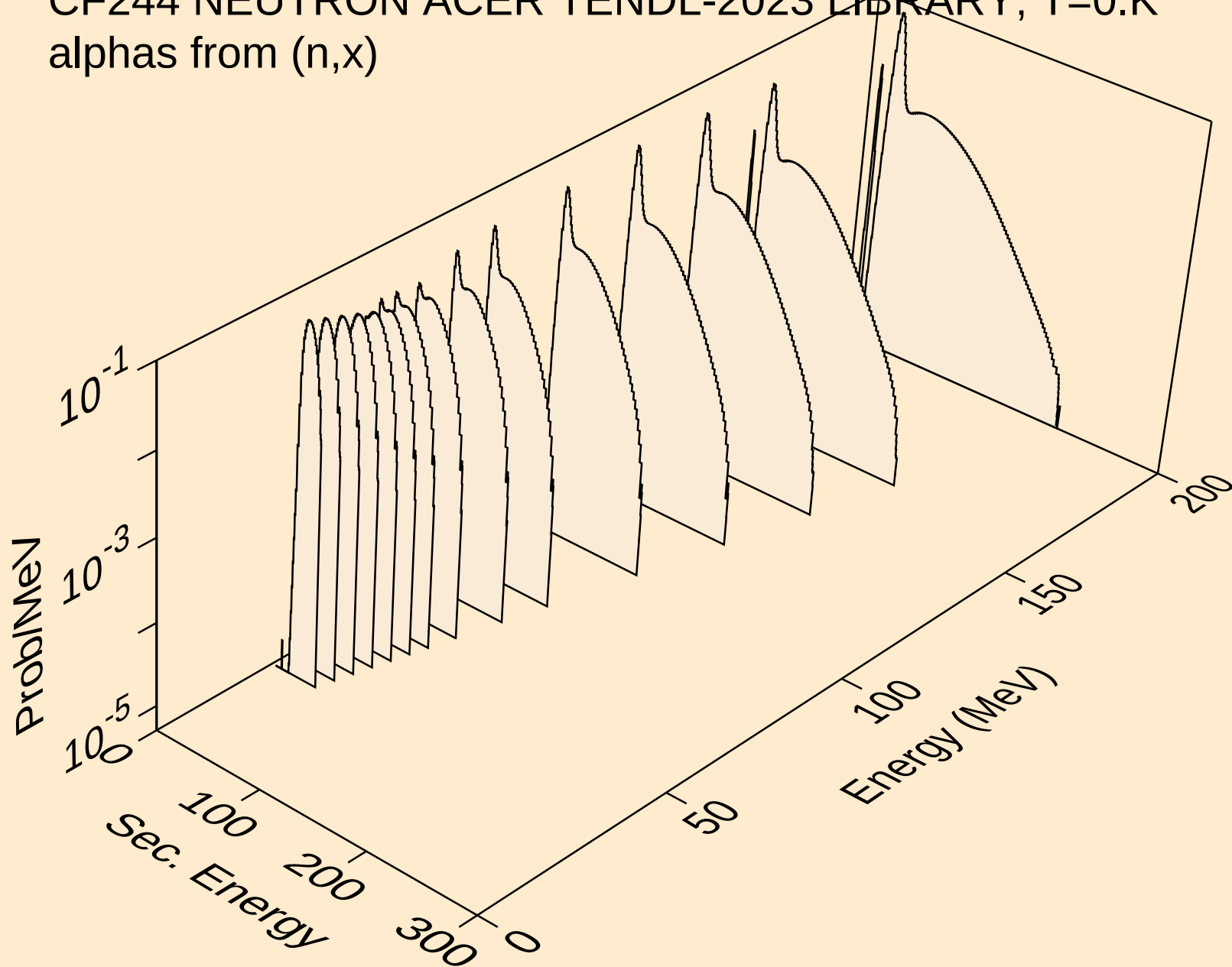
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he3s from (n,n*)he3



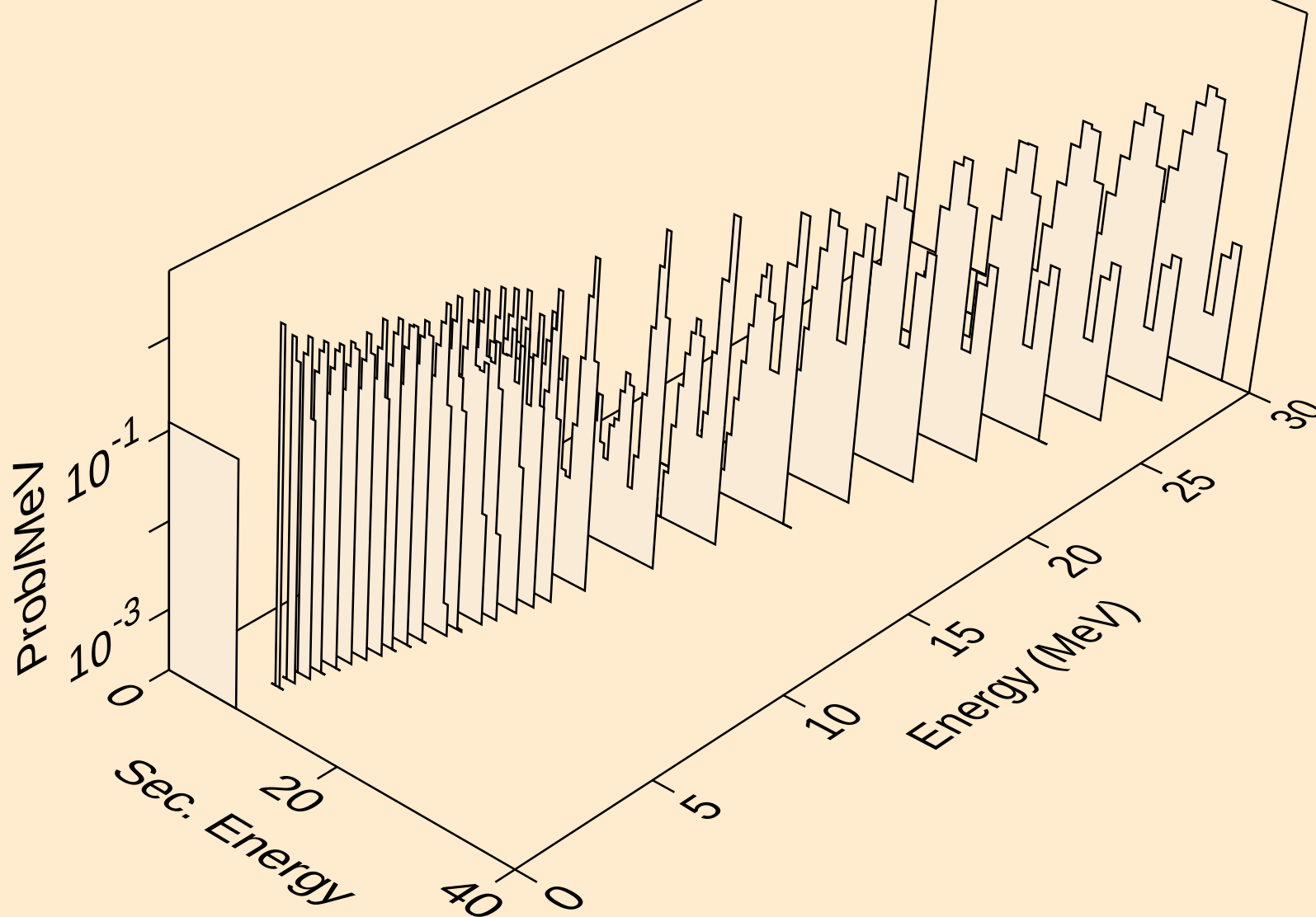
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he3s from (n,he3)



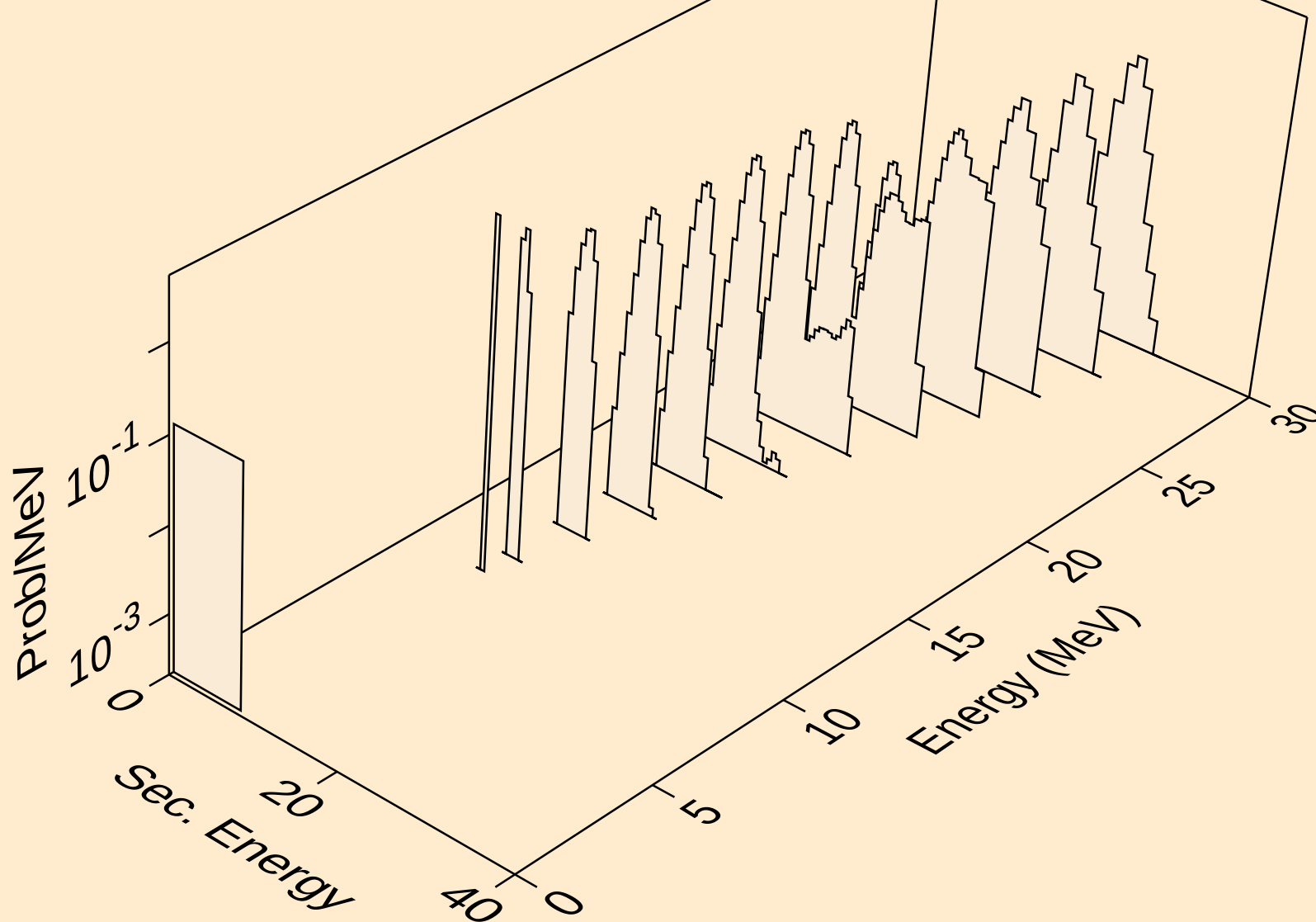
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



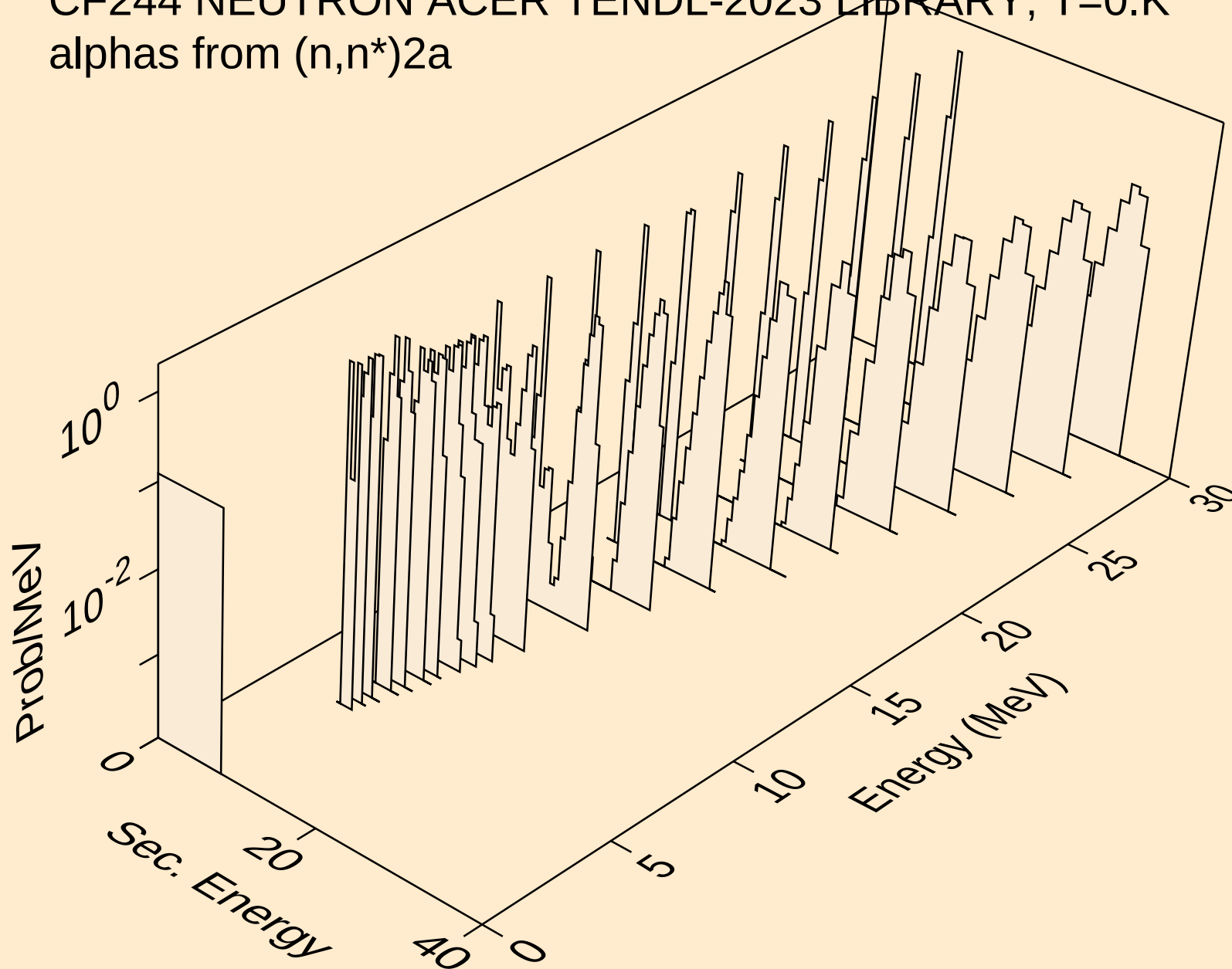
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alphas from (n,n*)a



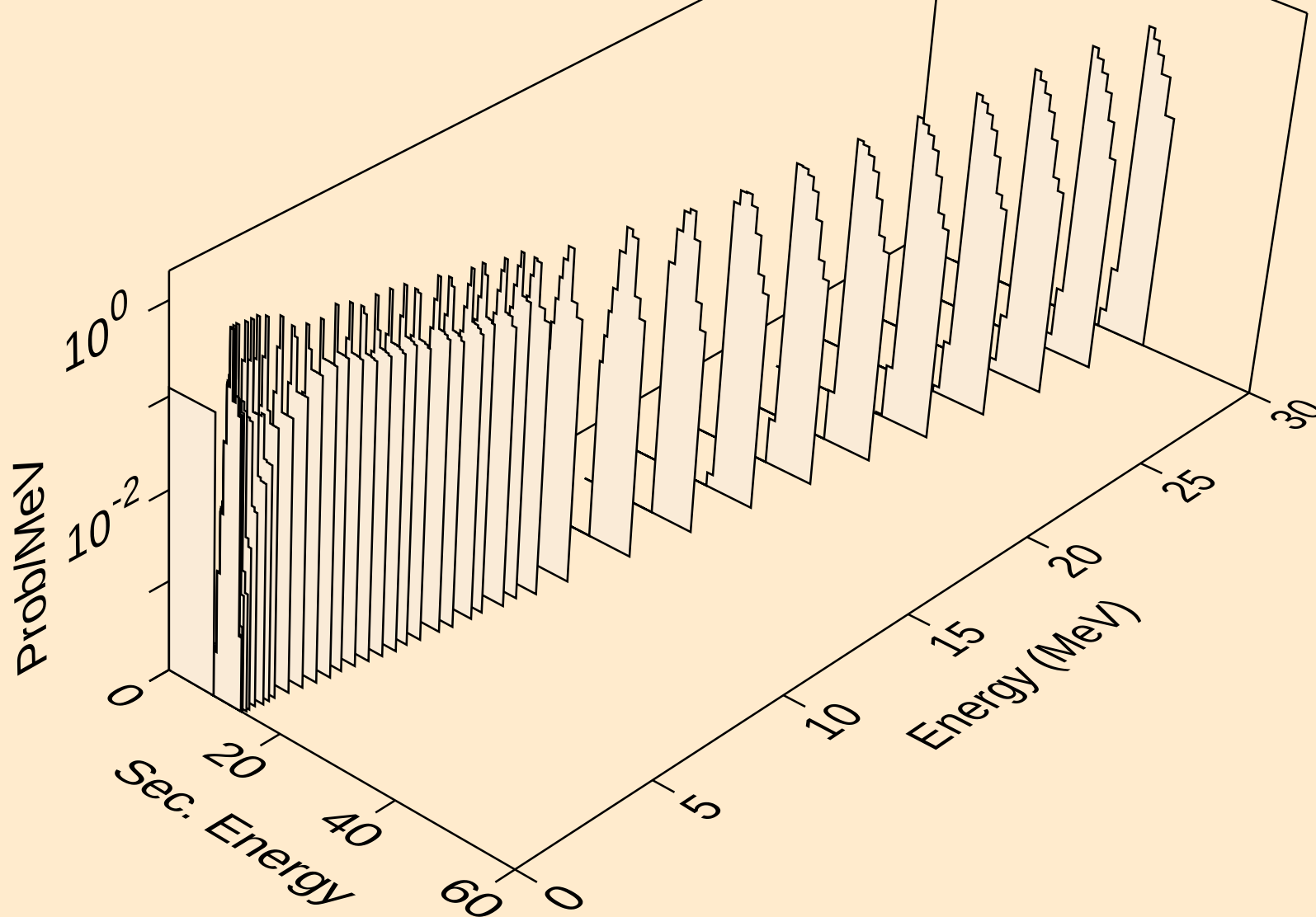
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alphas from (n,2n)a



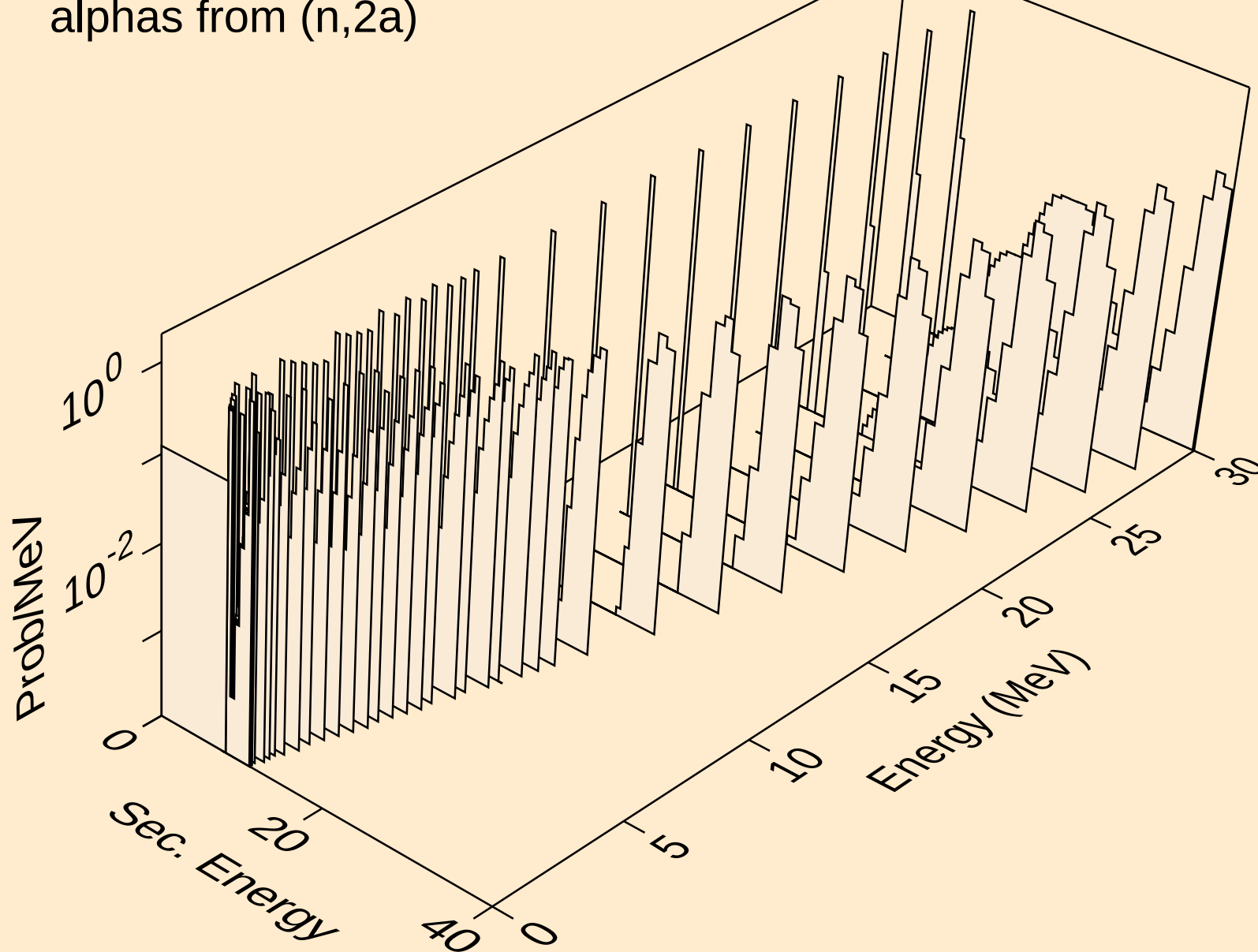
CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



CF244 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)

