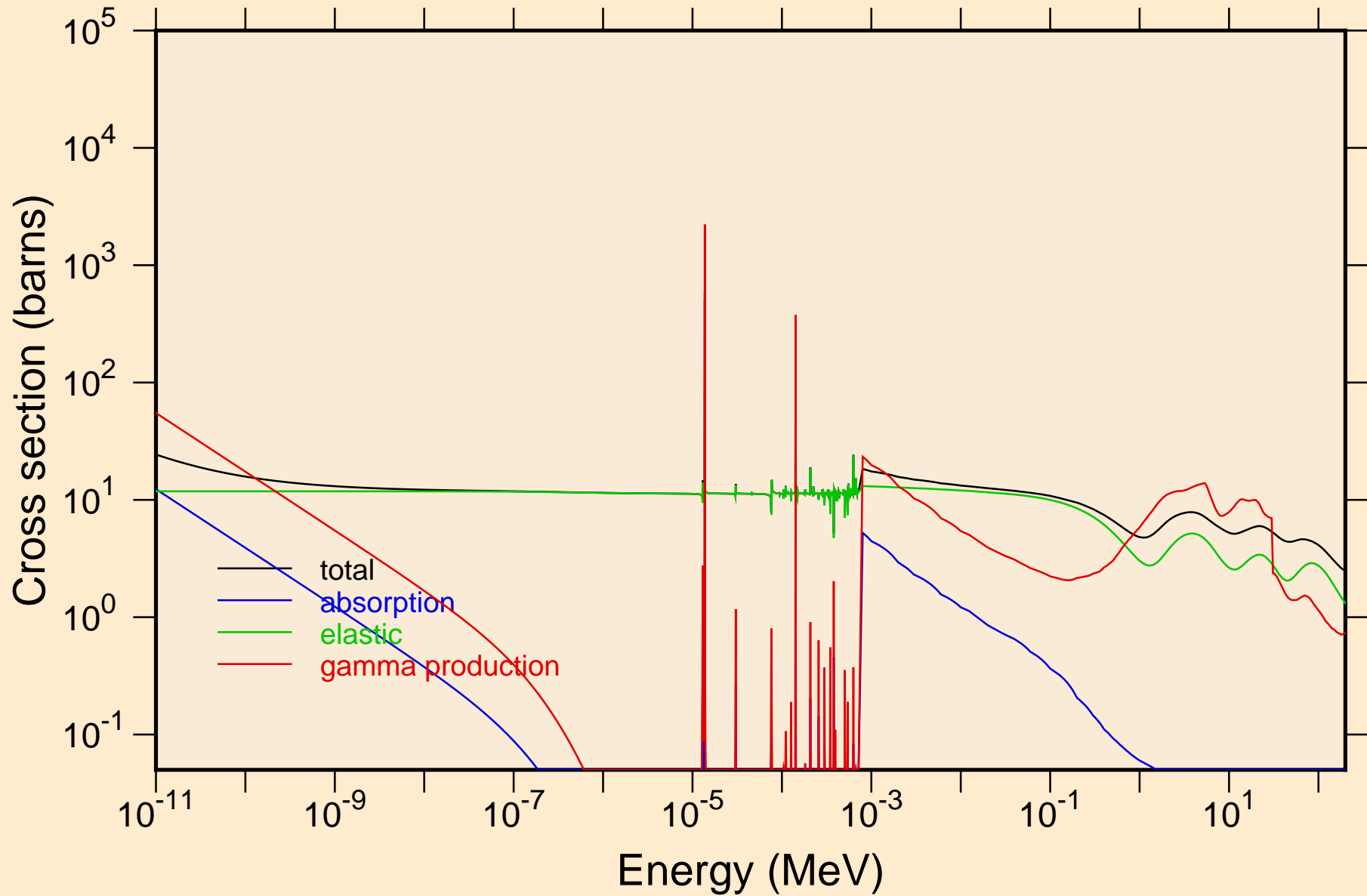
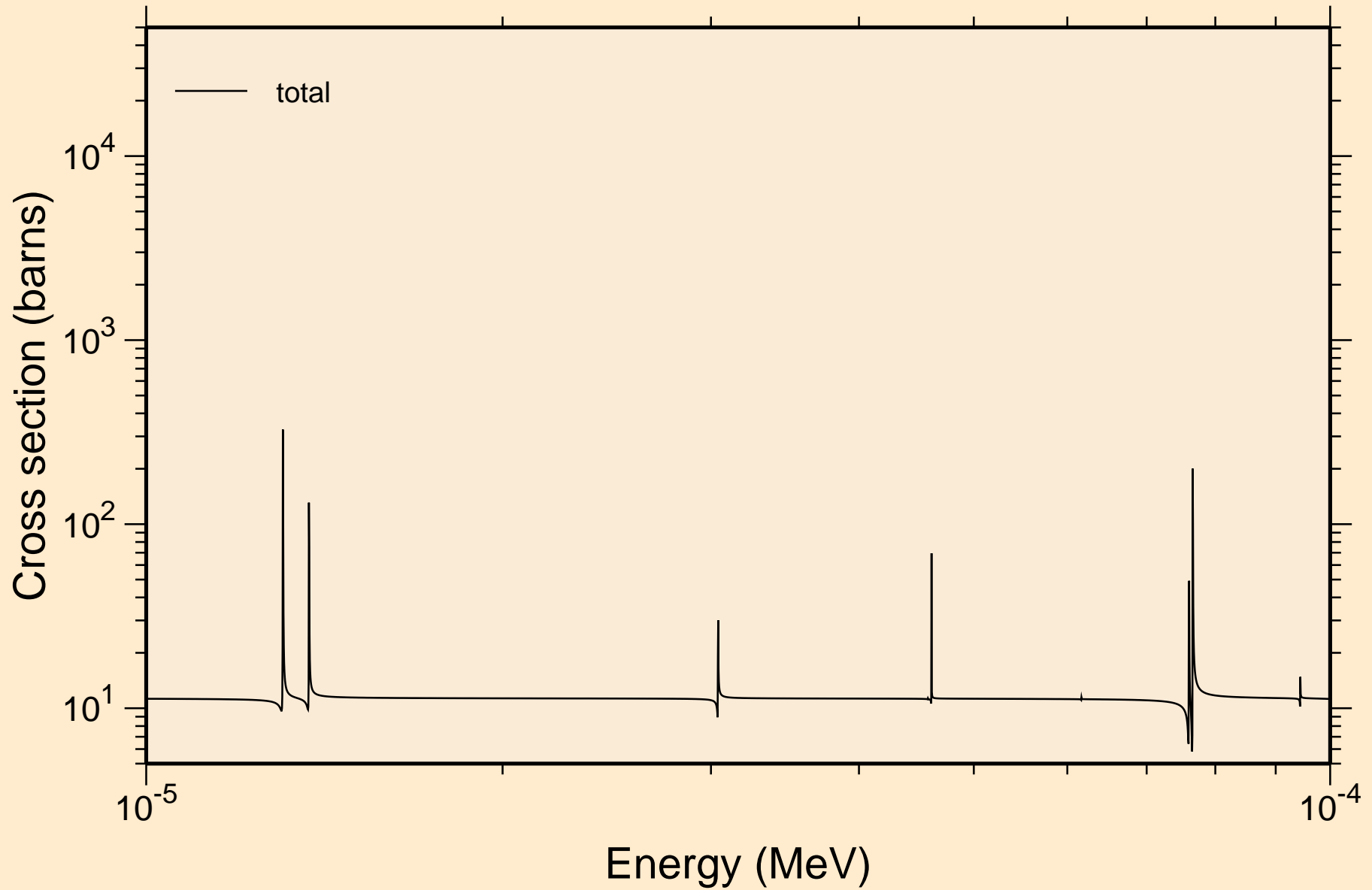


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

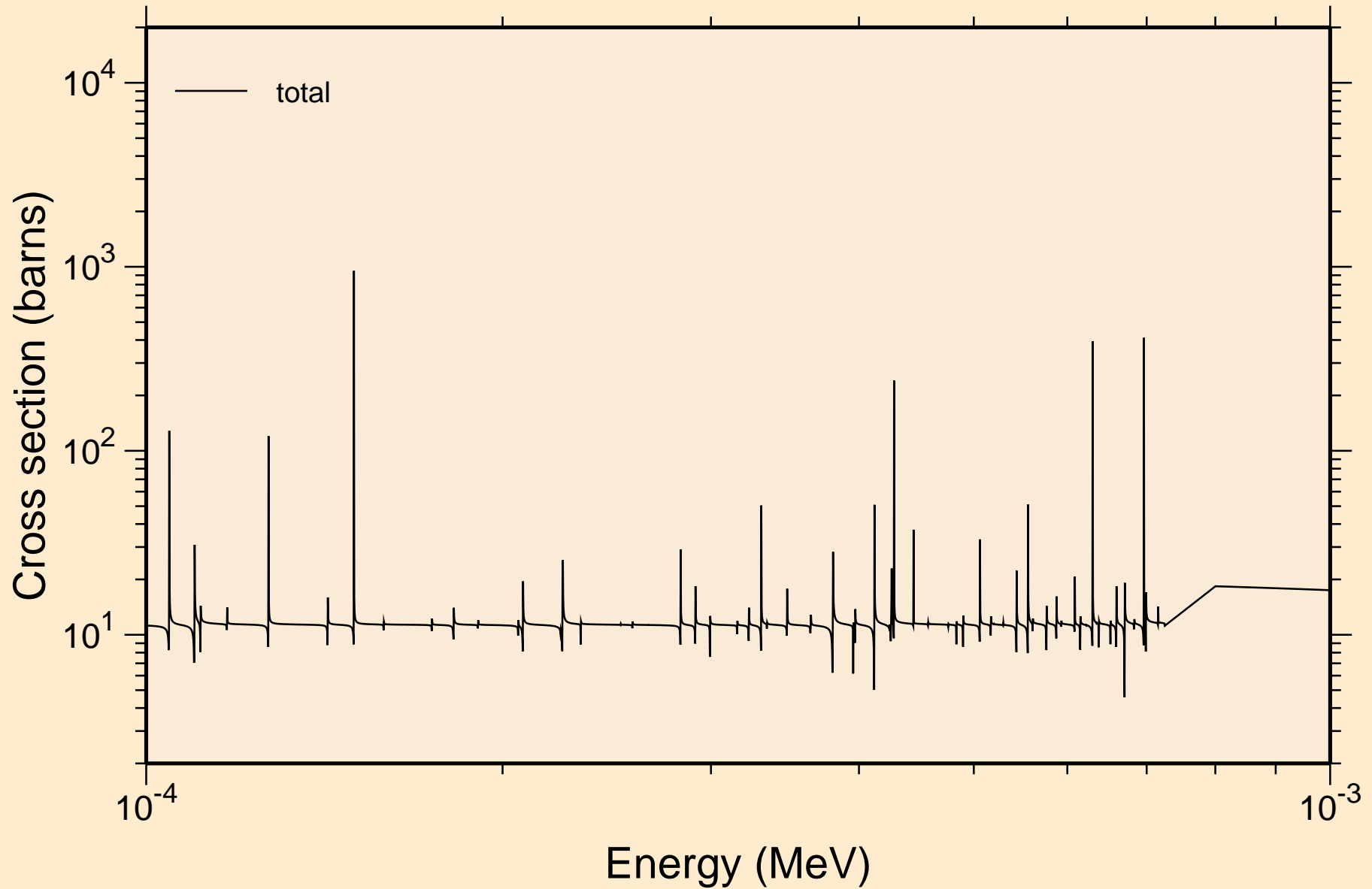
Principal cross sections



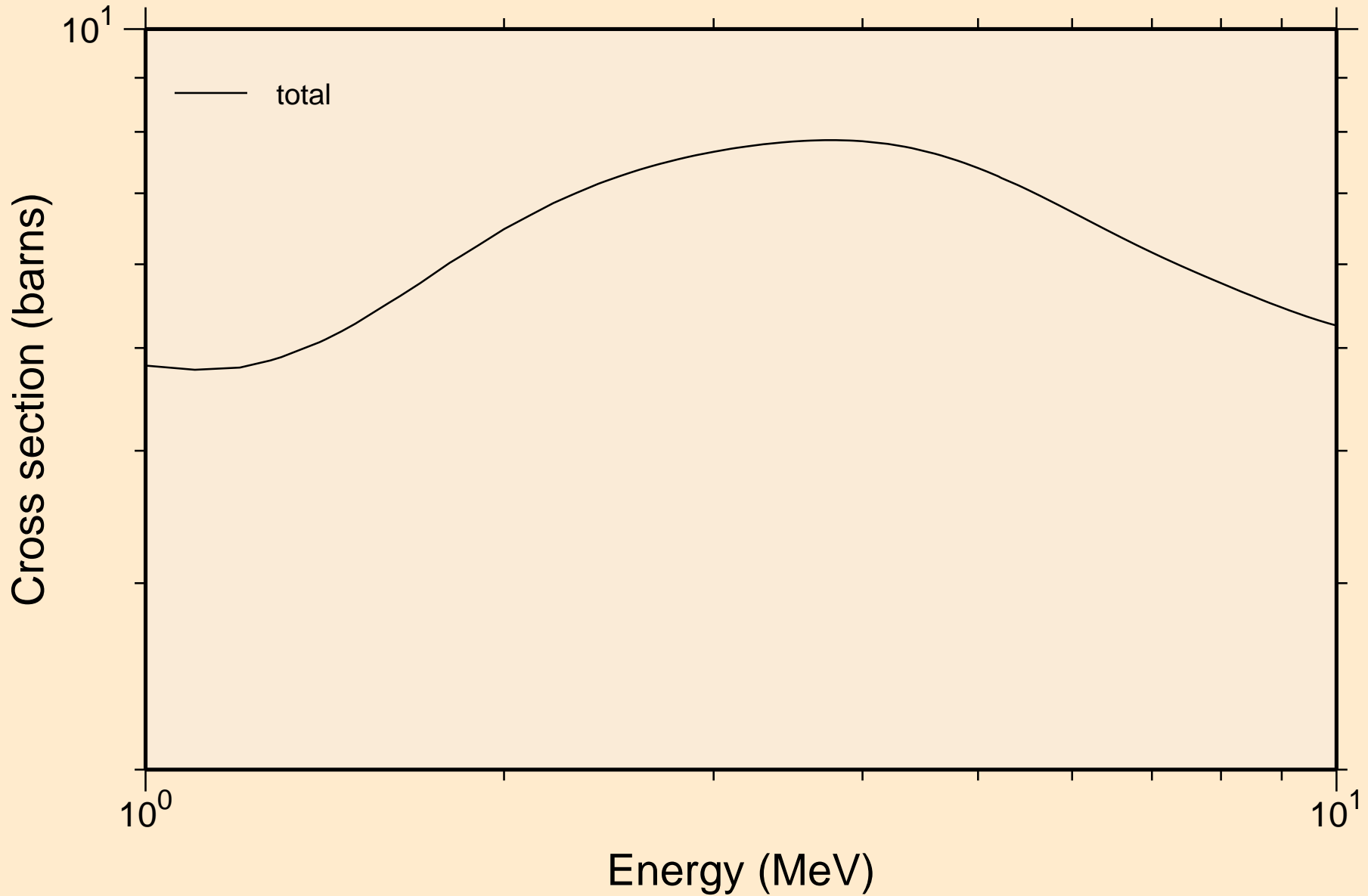
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



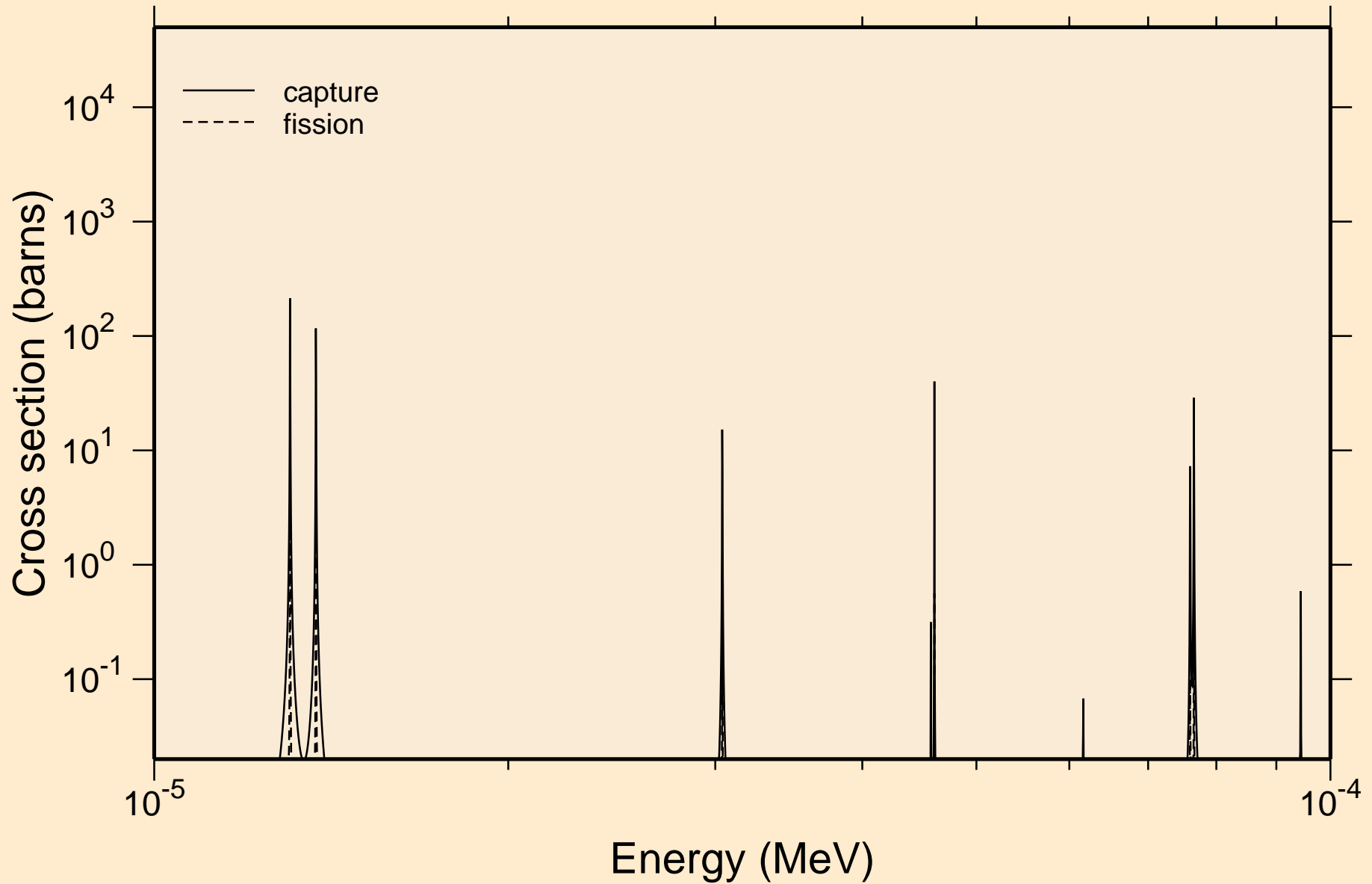
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section

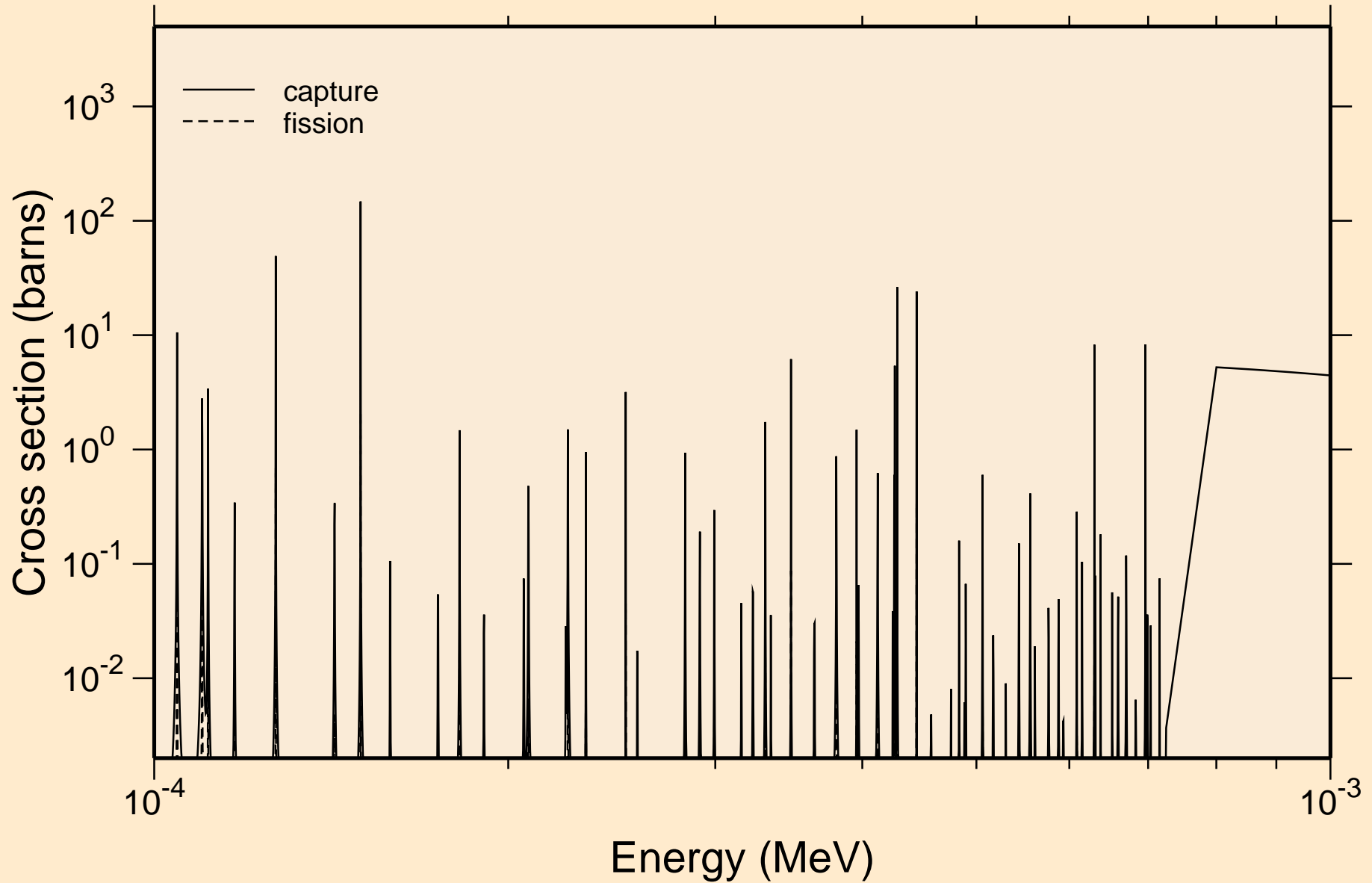


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections

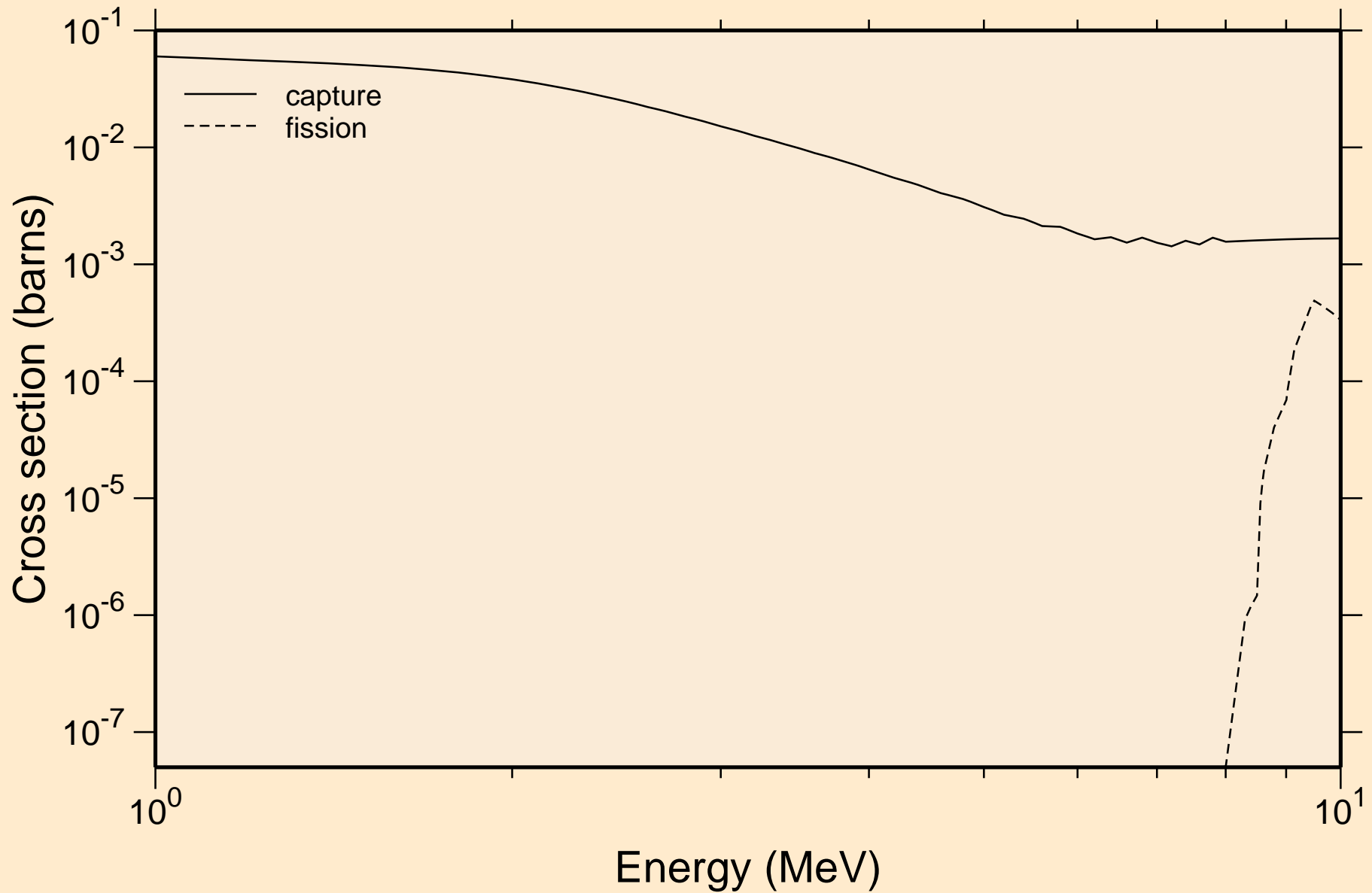


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

resonance absorption cross sections

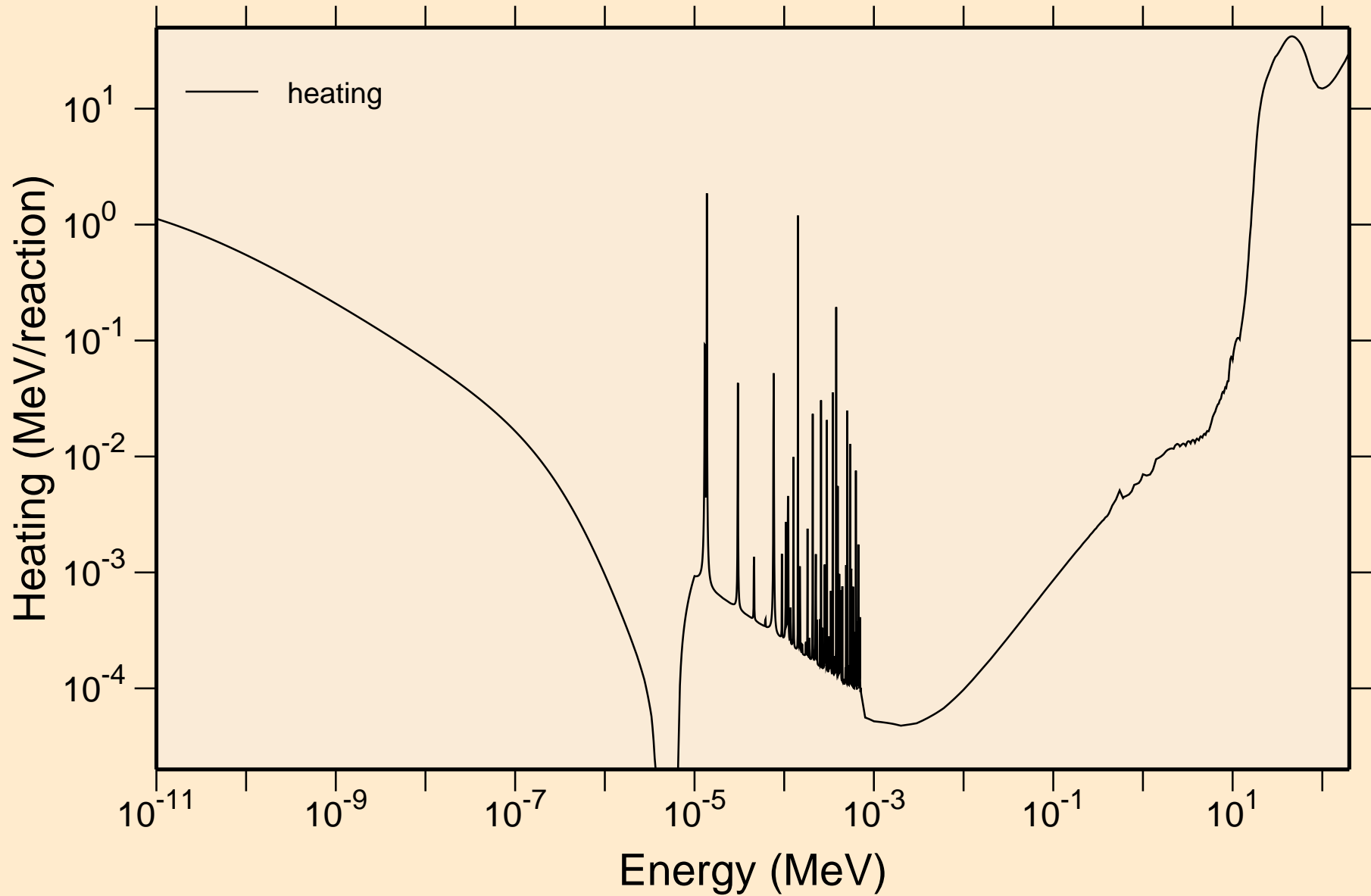


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections

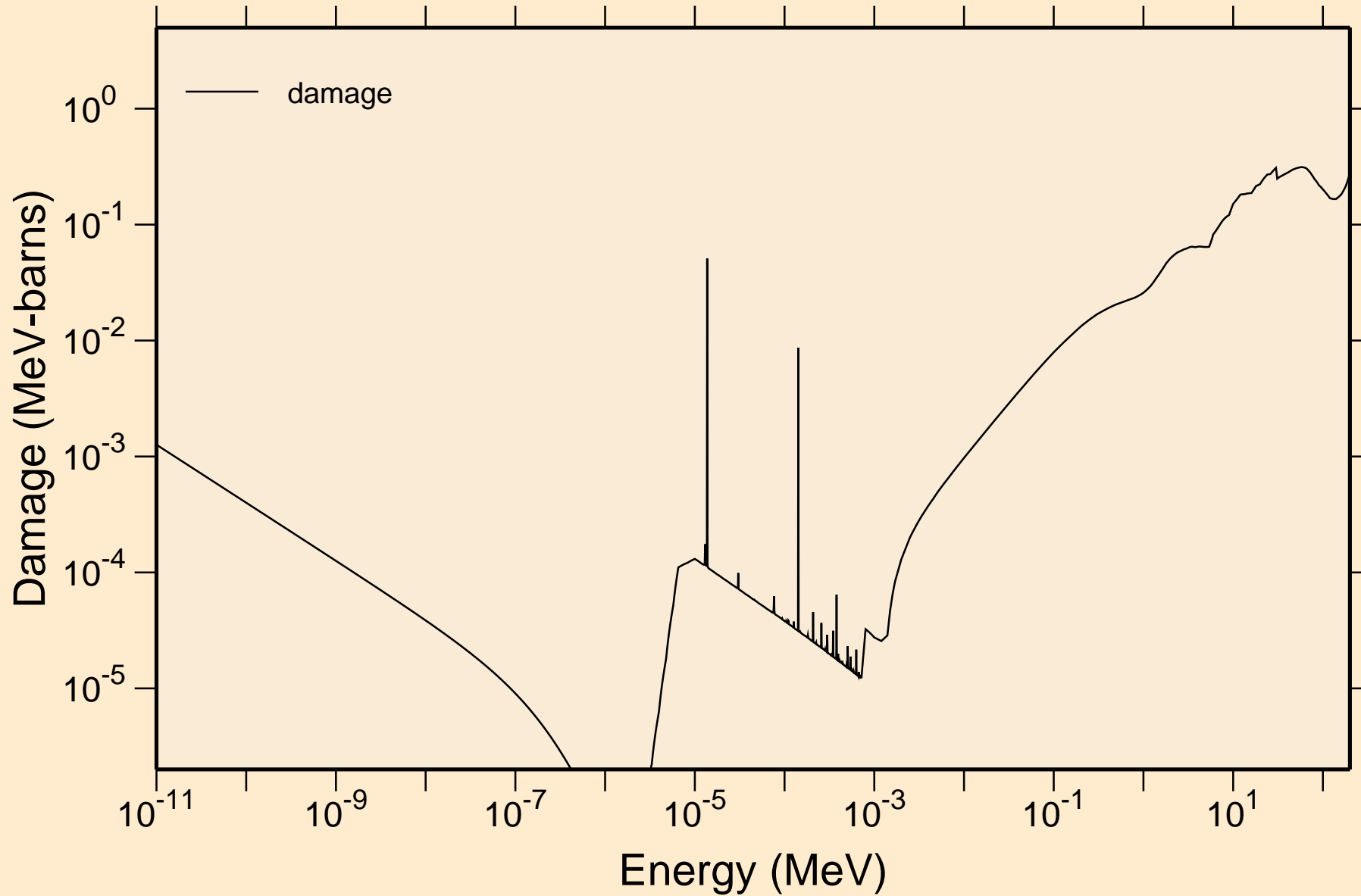


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

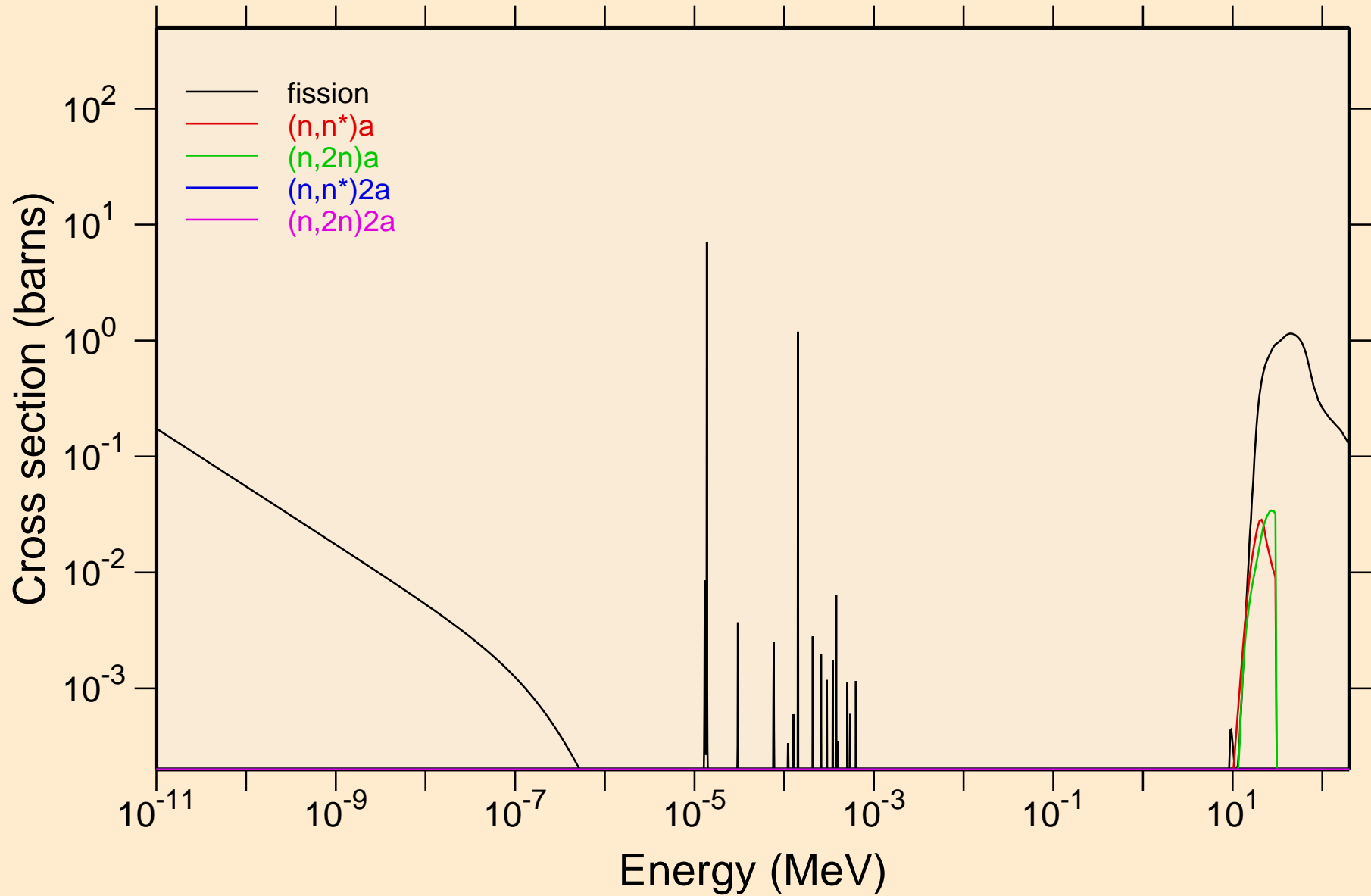


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Damage



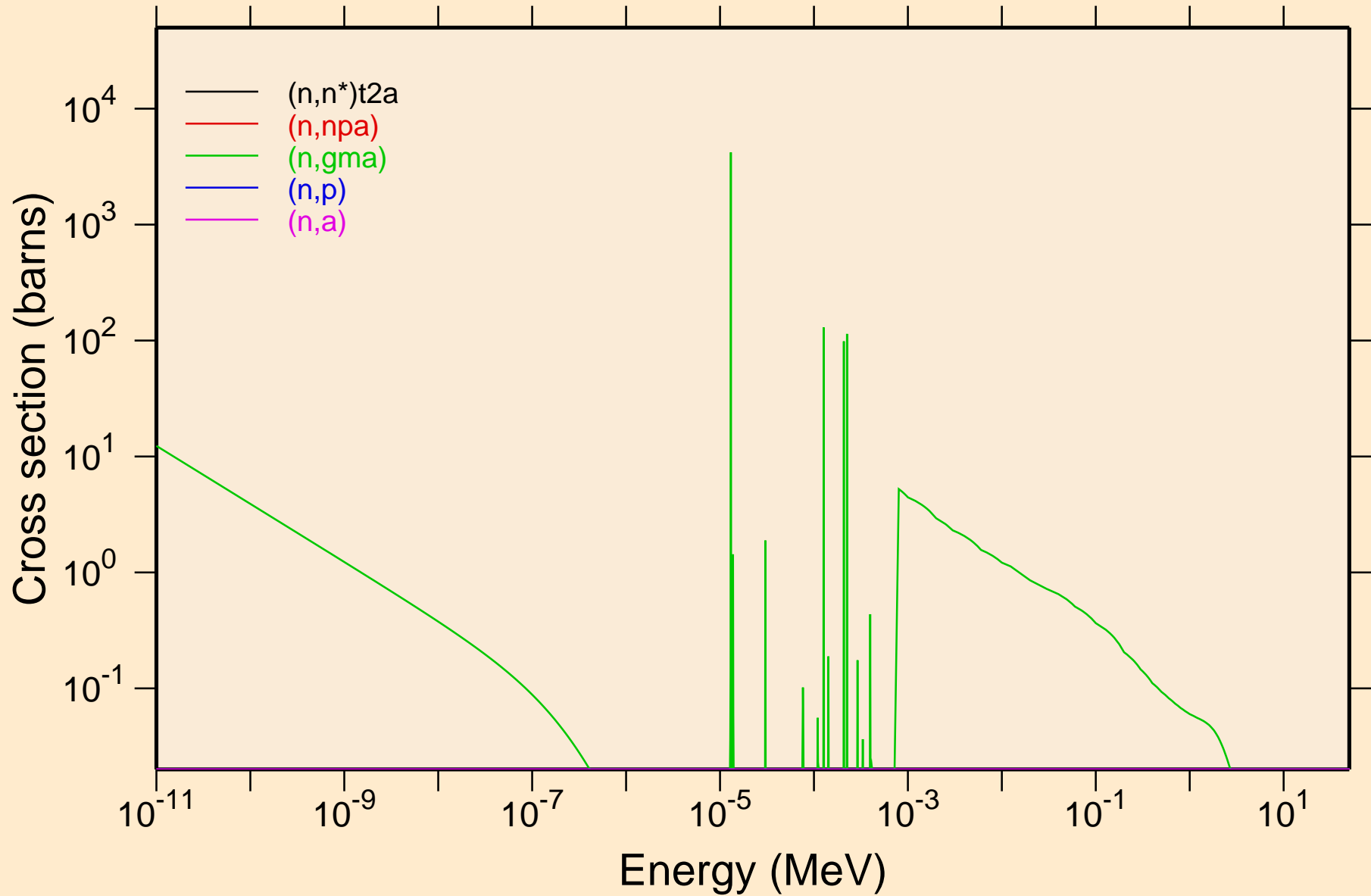
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



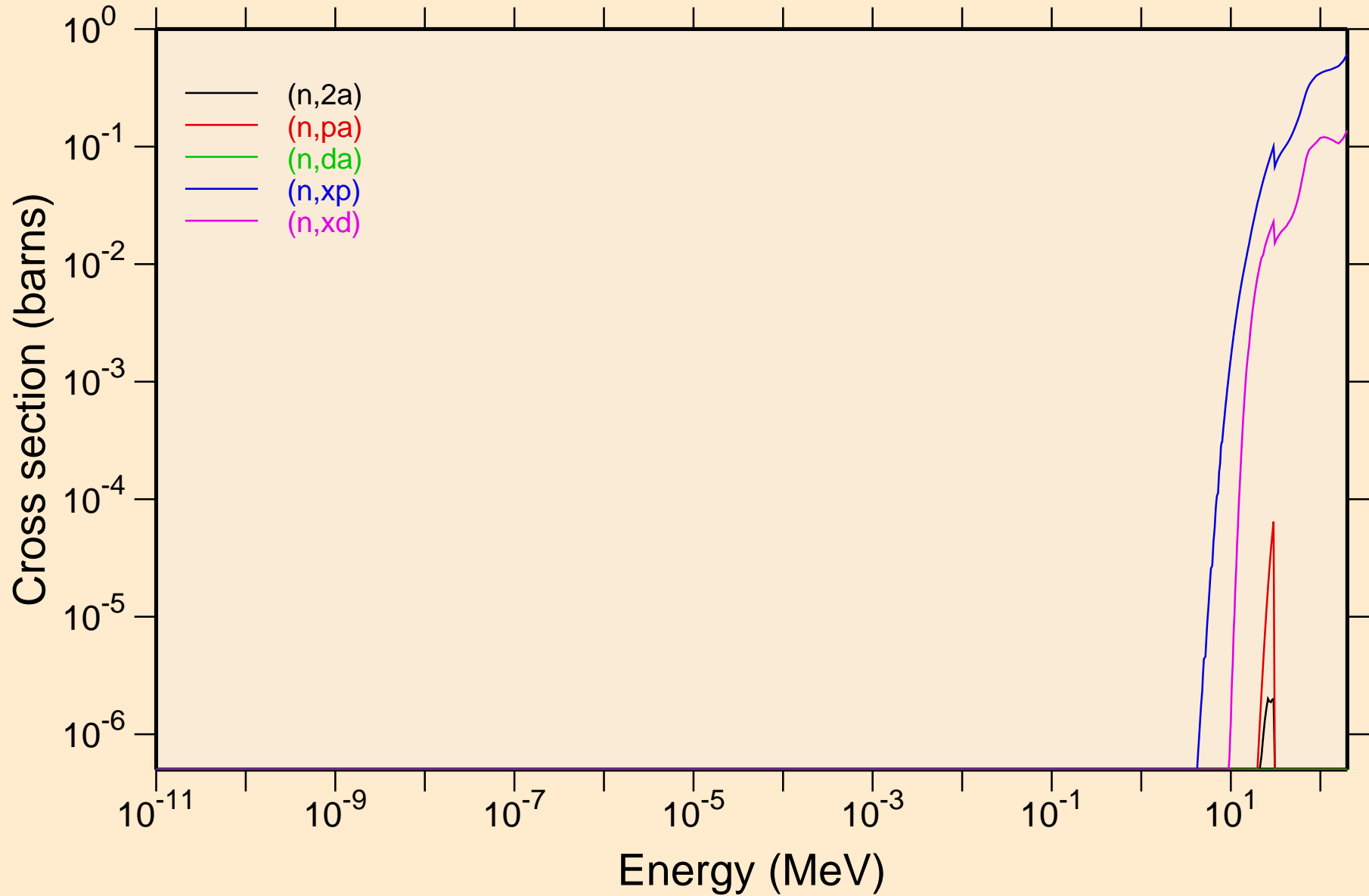
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

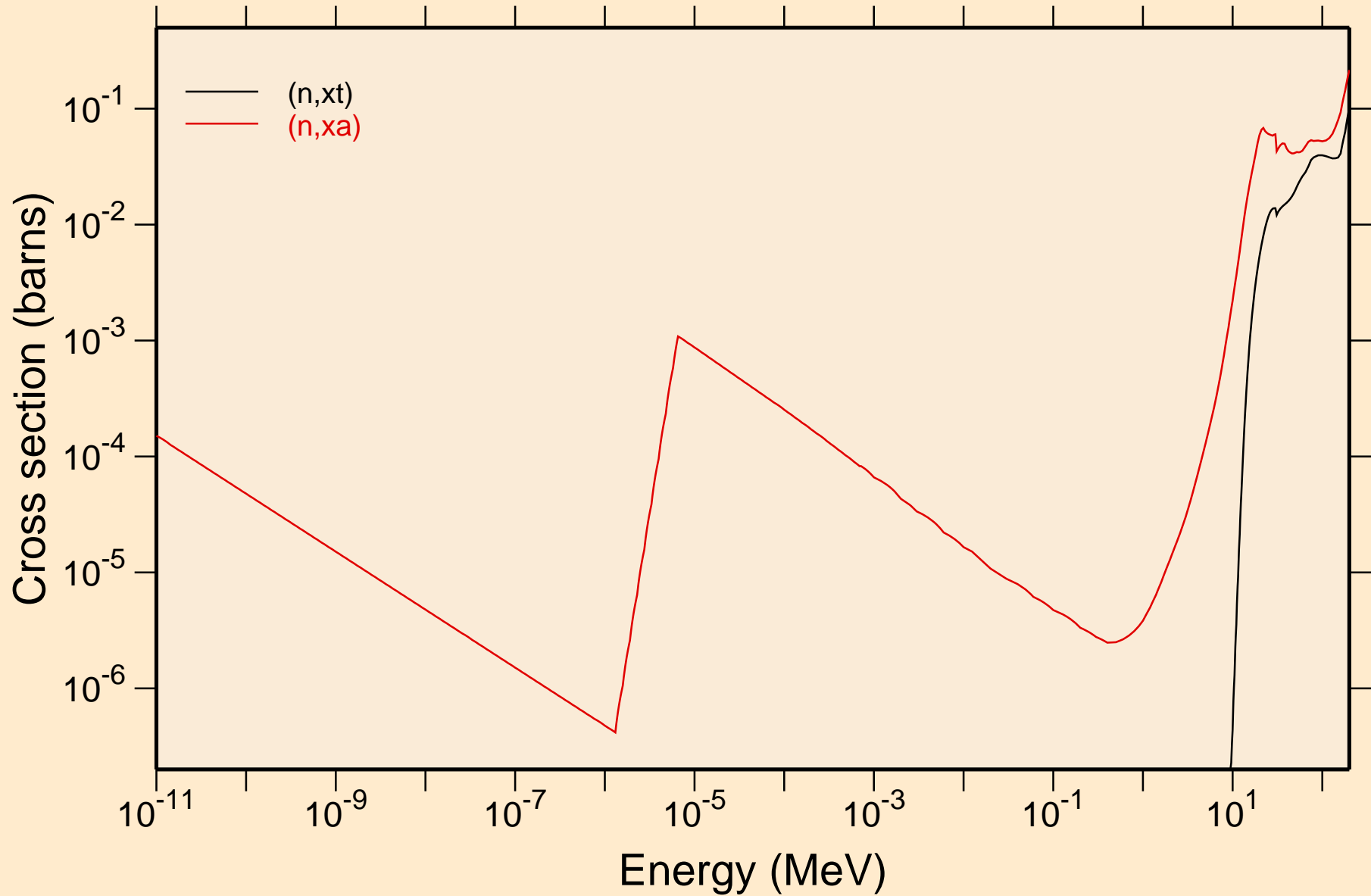


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

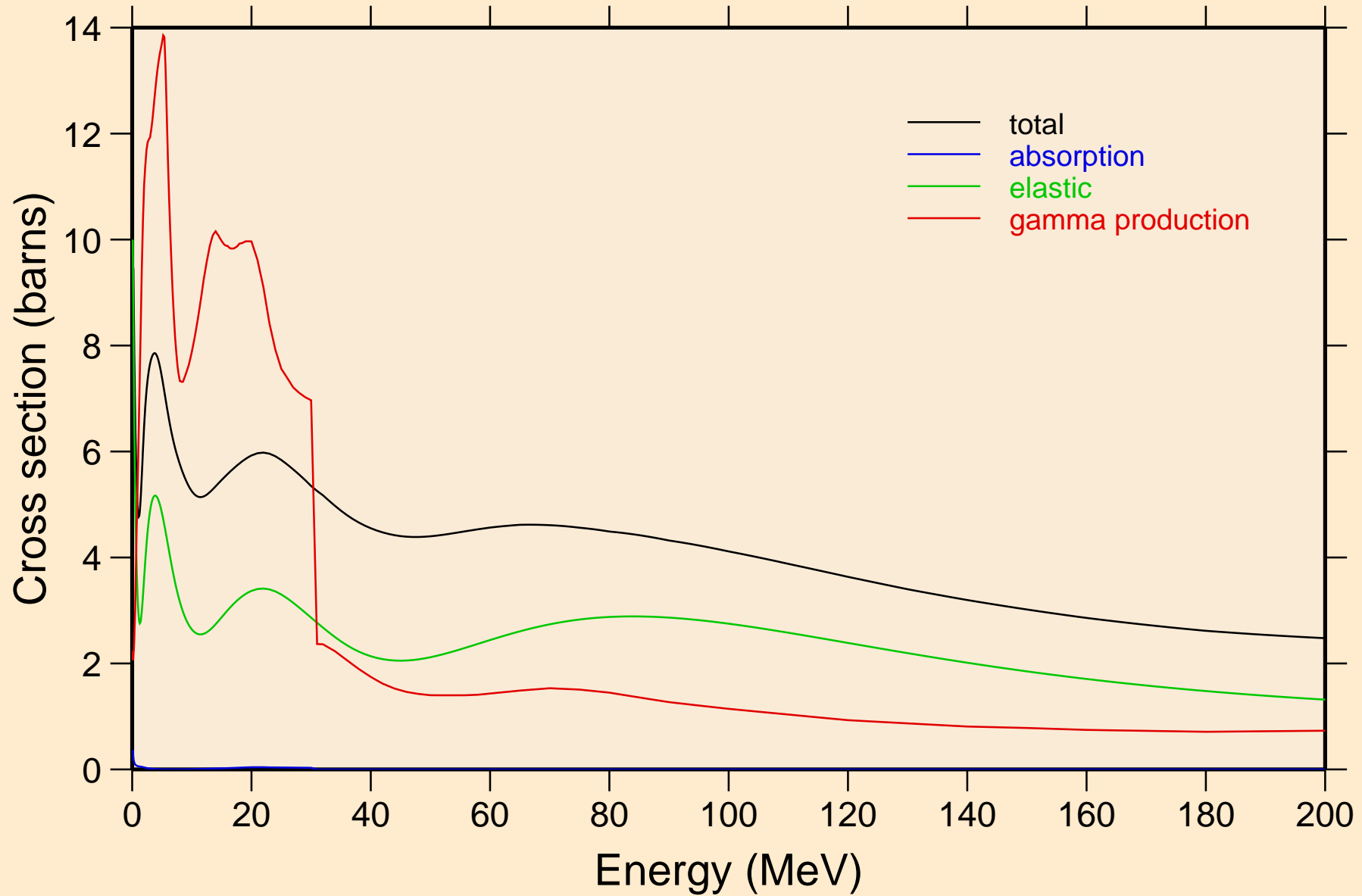


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



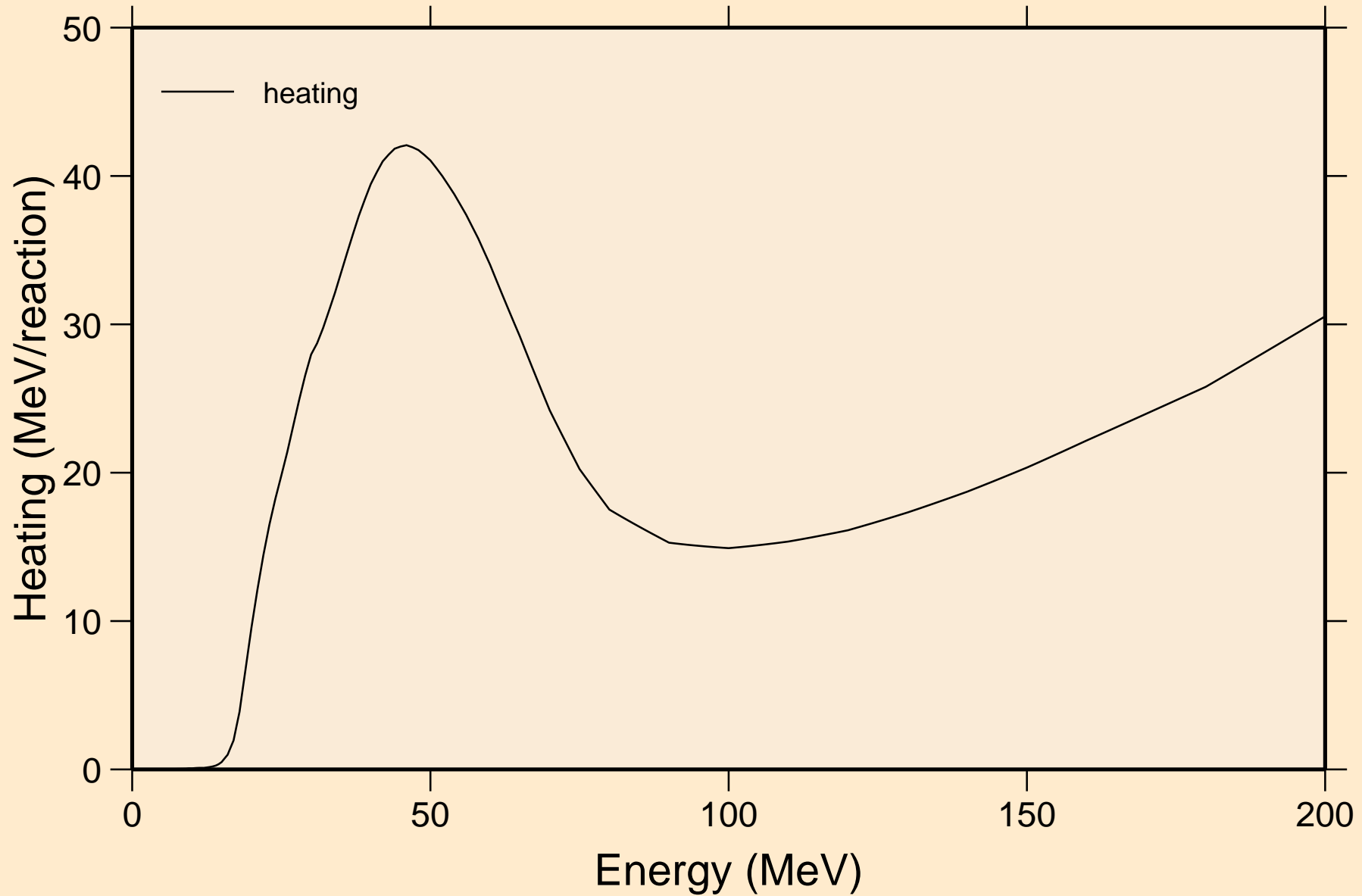
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



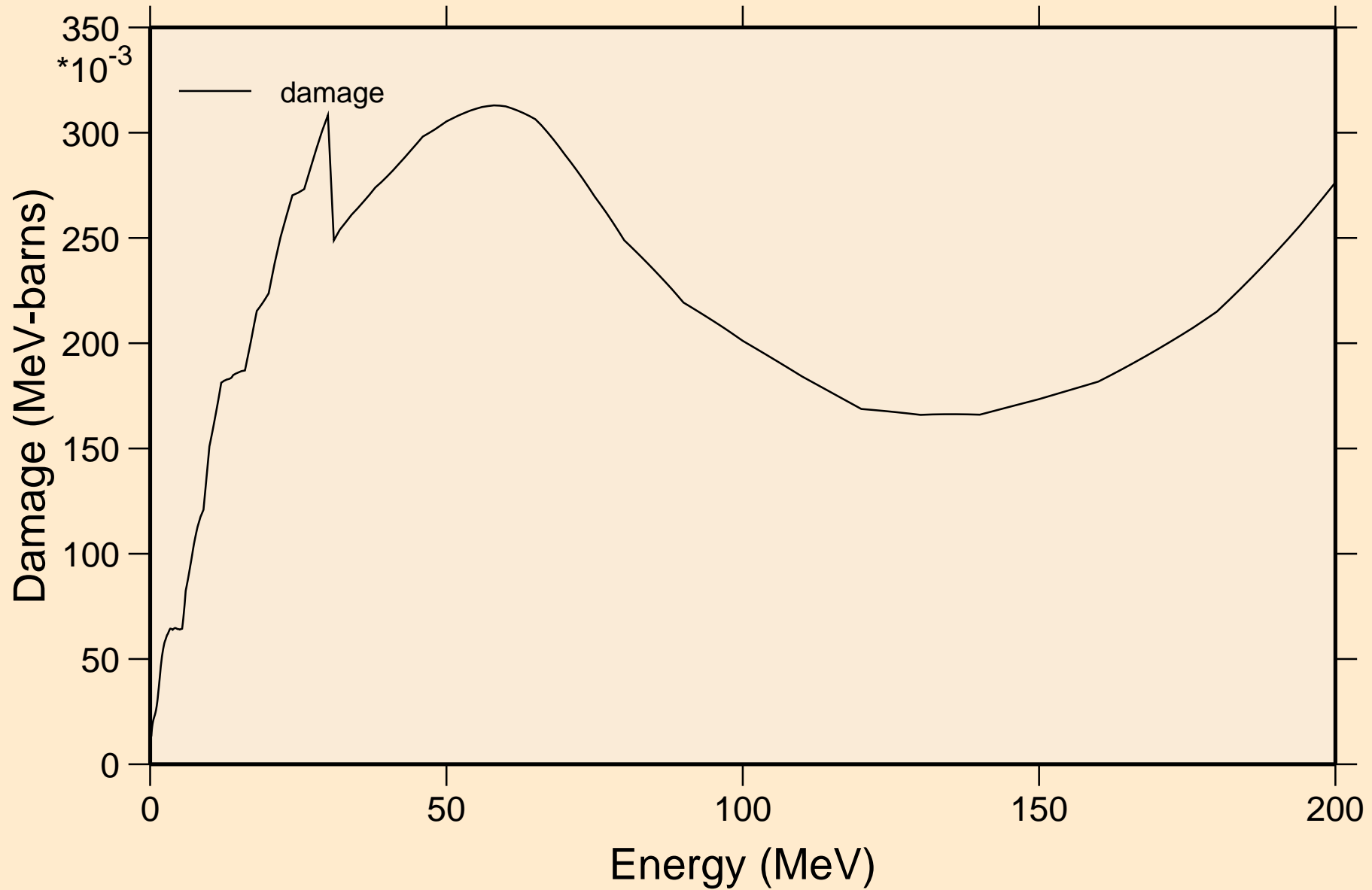
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating



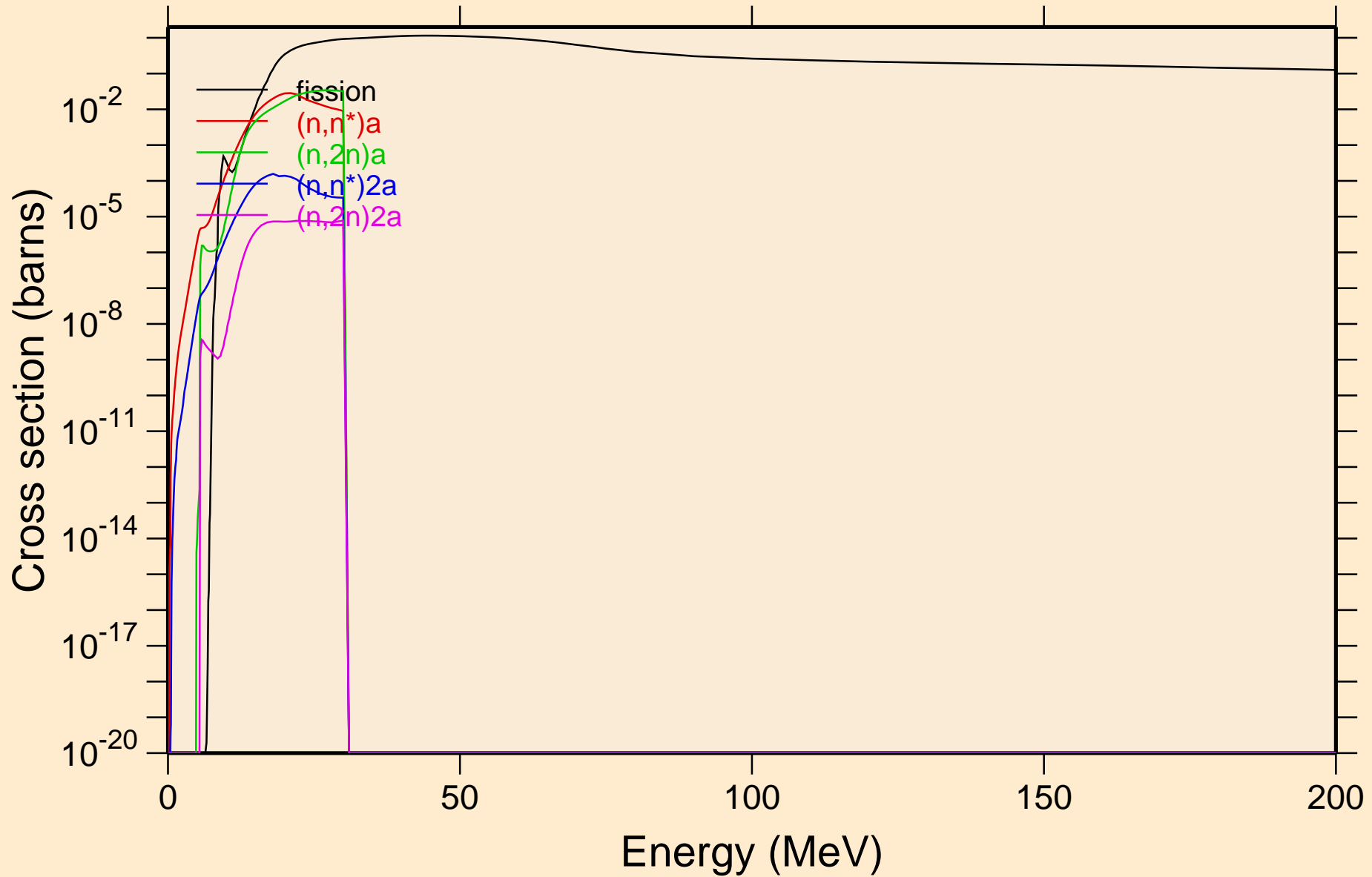
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Damage



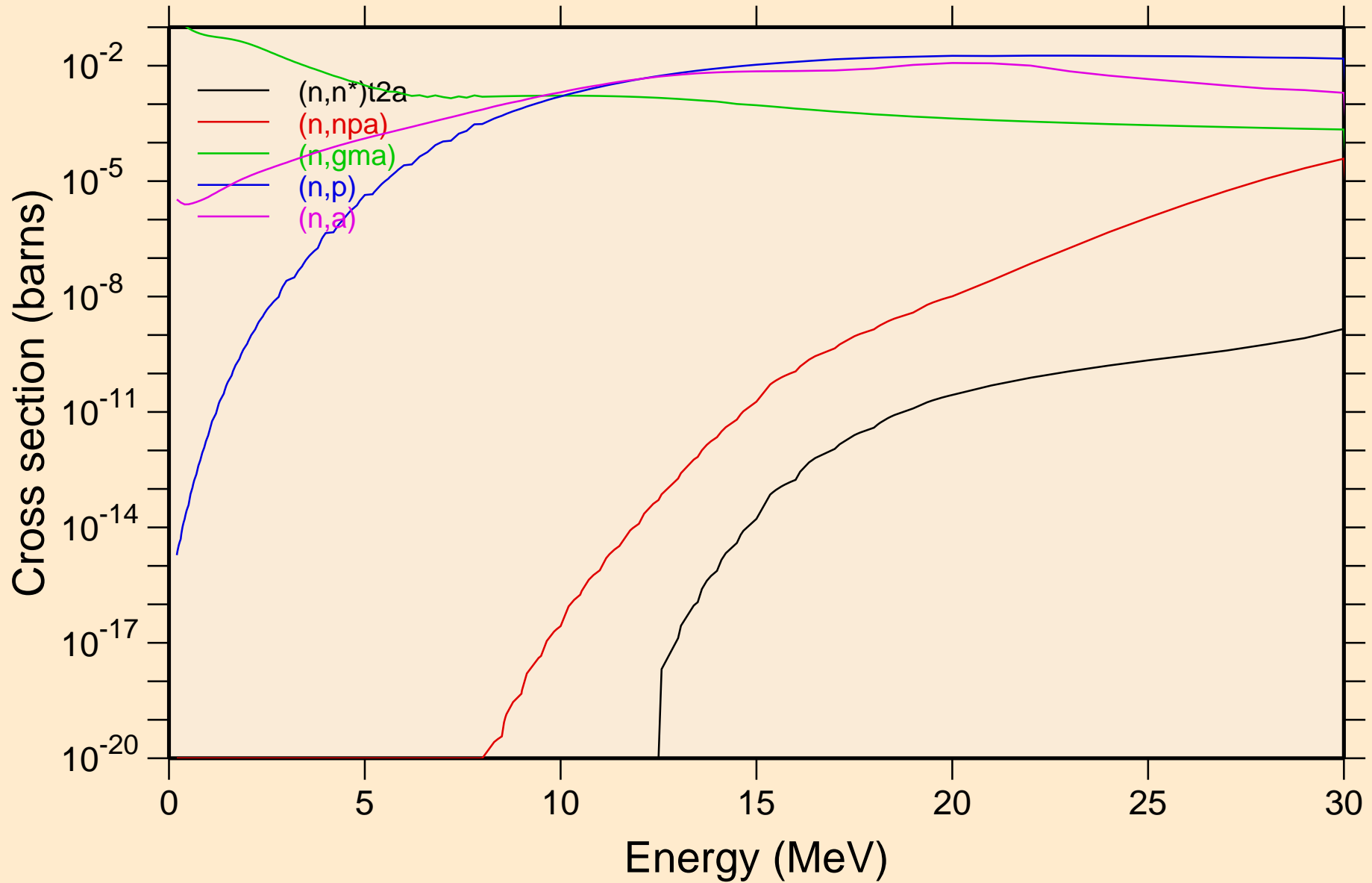
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



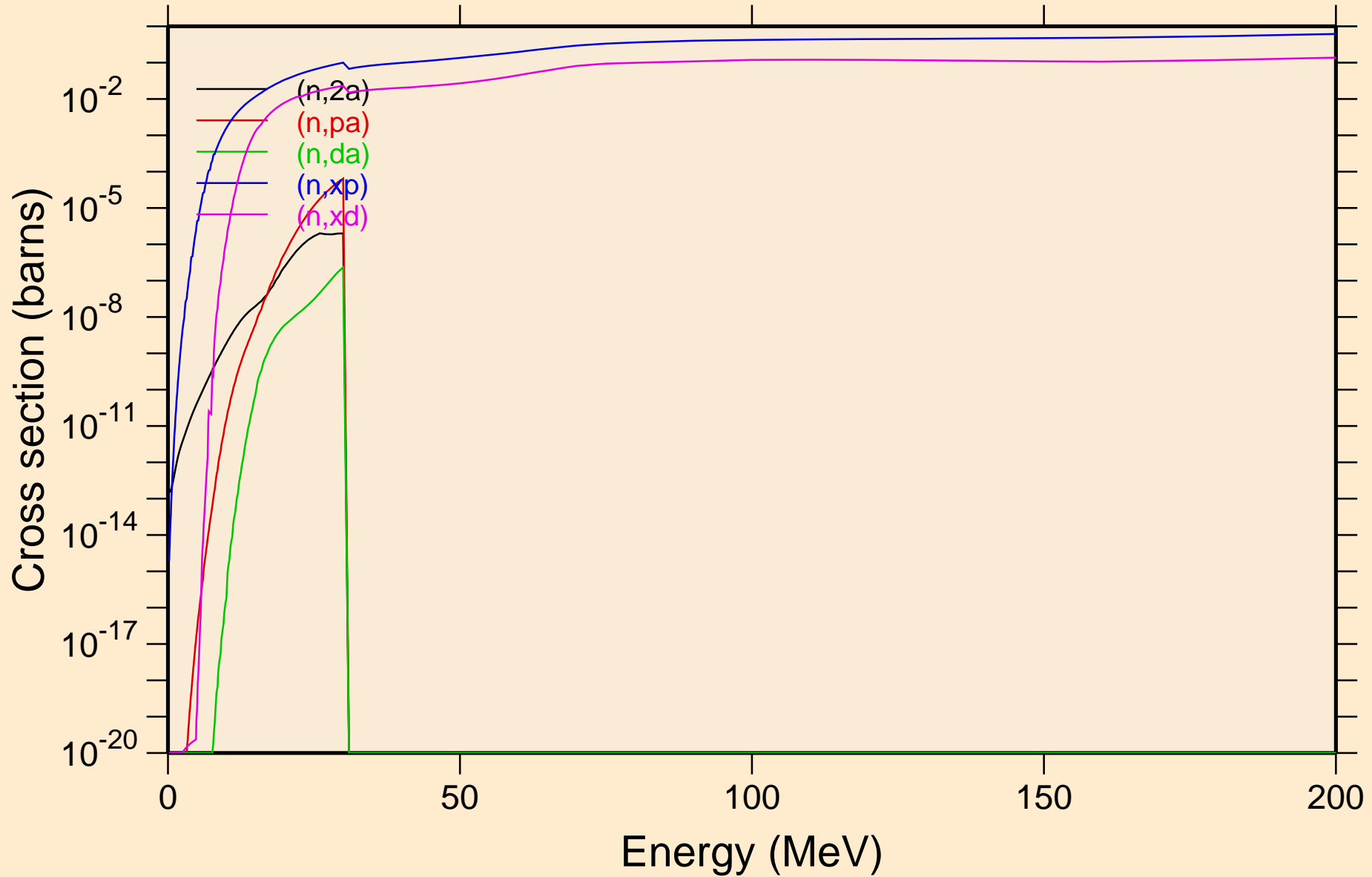
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Non-threshold reactions

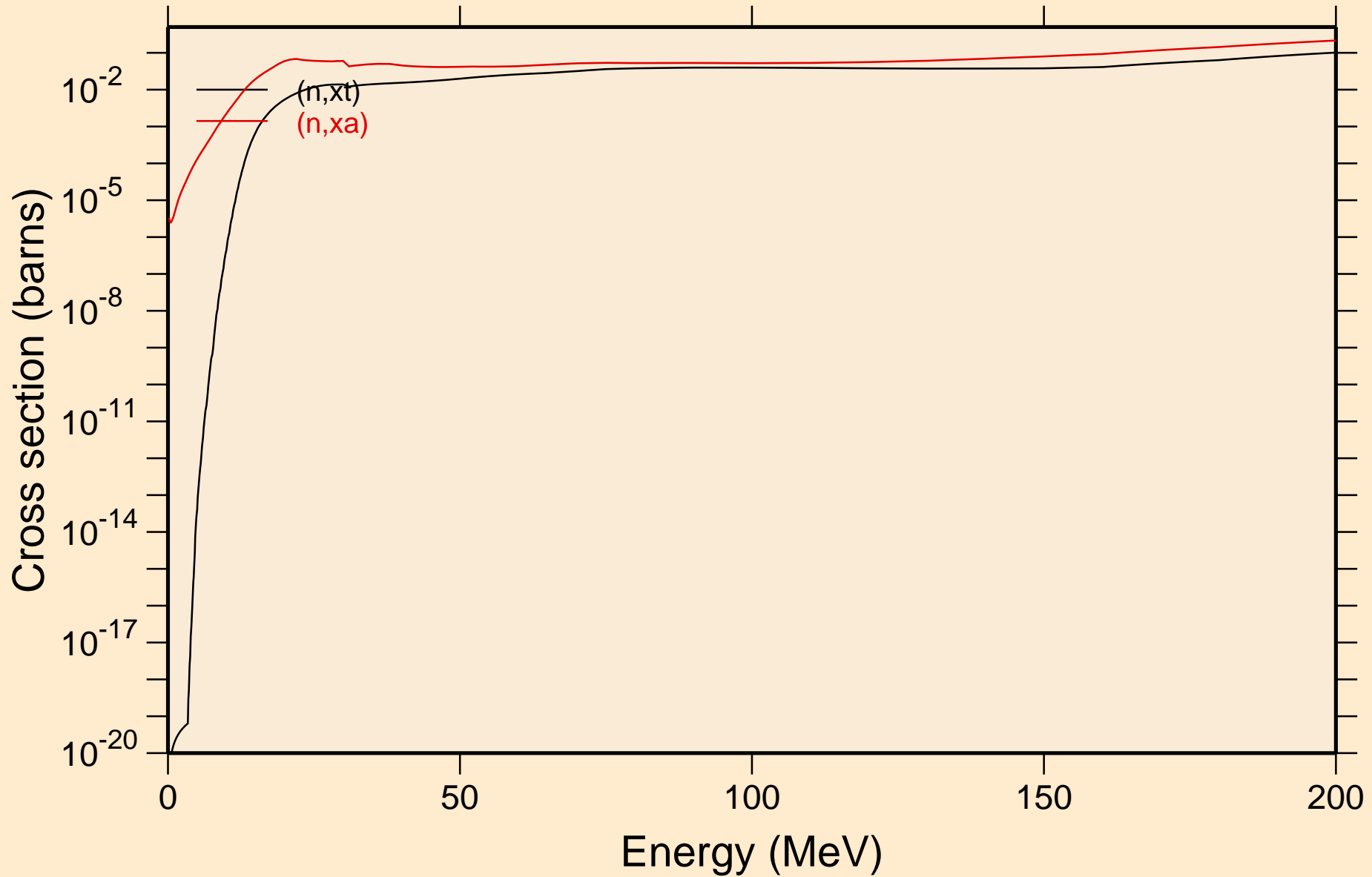


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

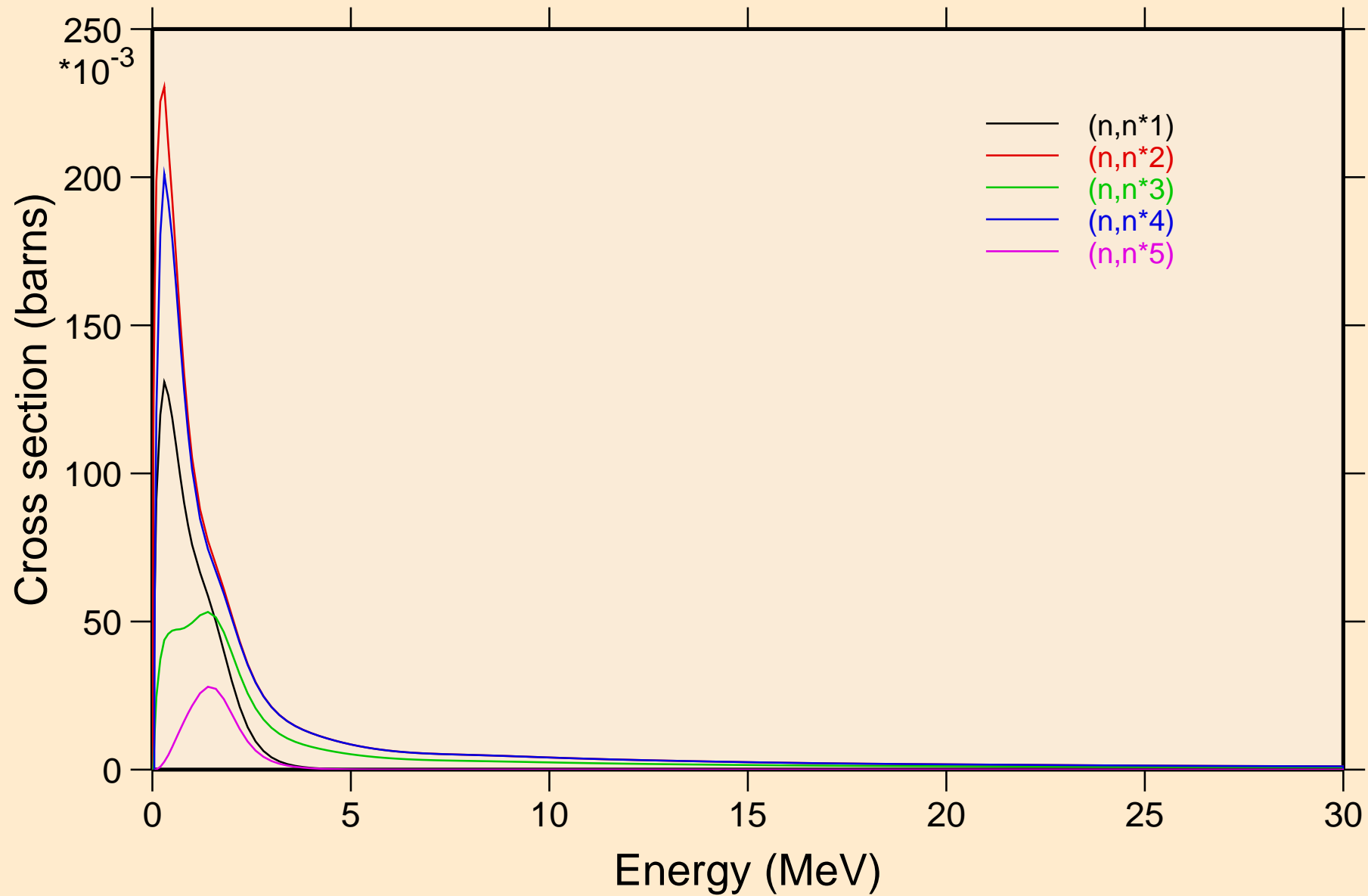
Non-threshold reactions



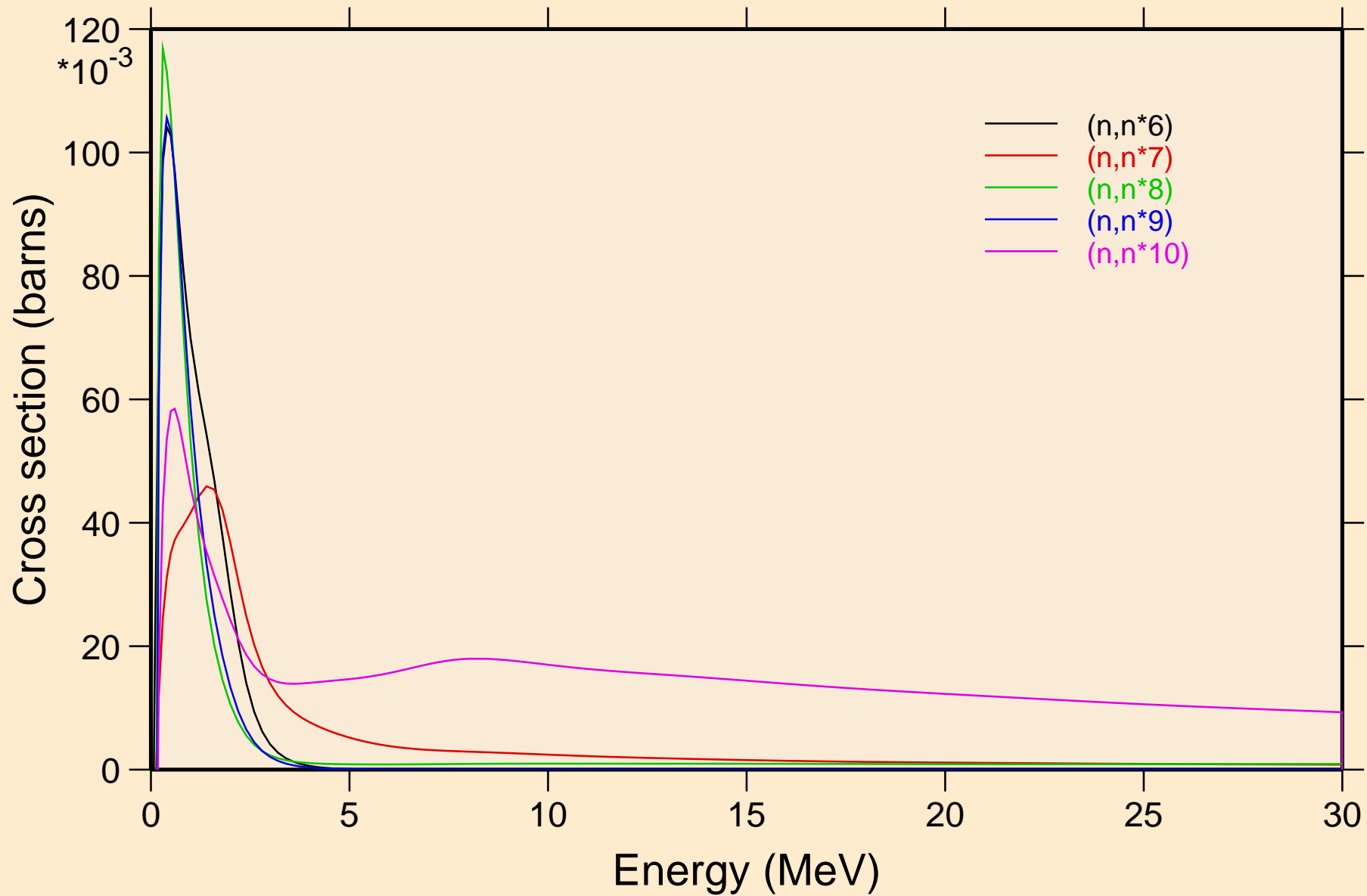
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Non-threshold reactions



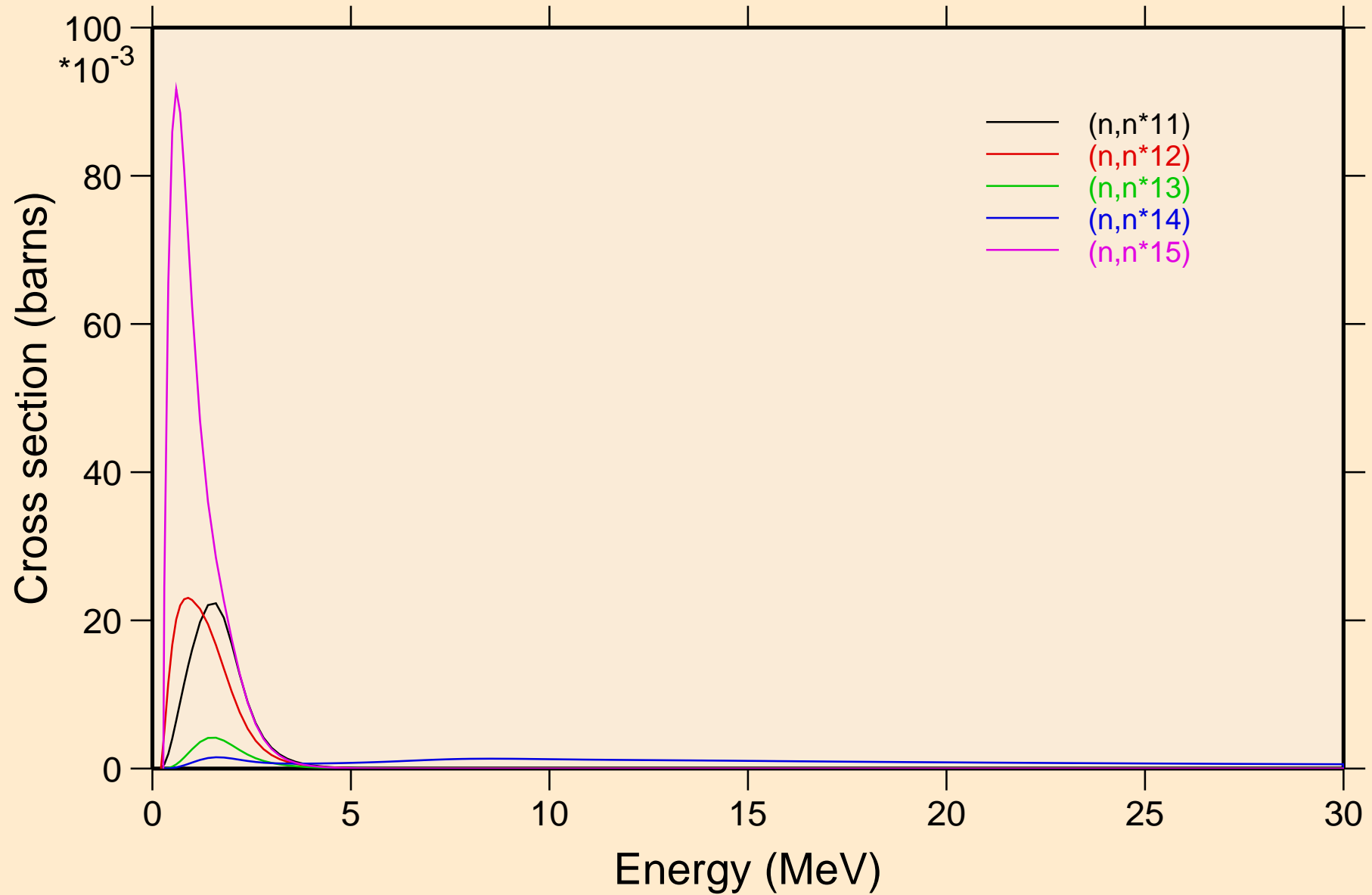
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



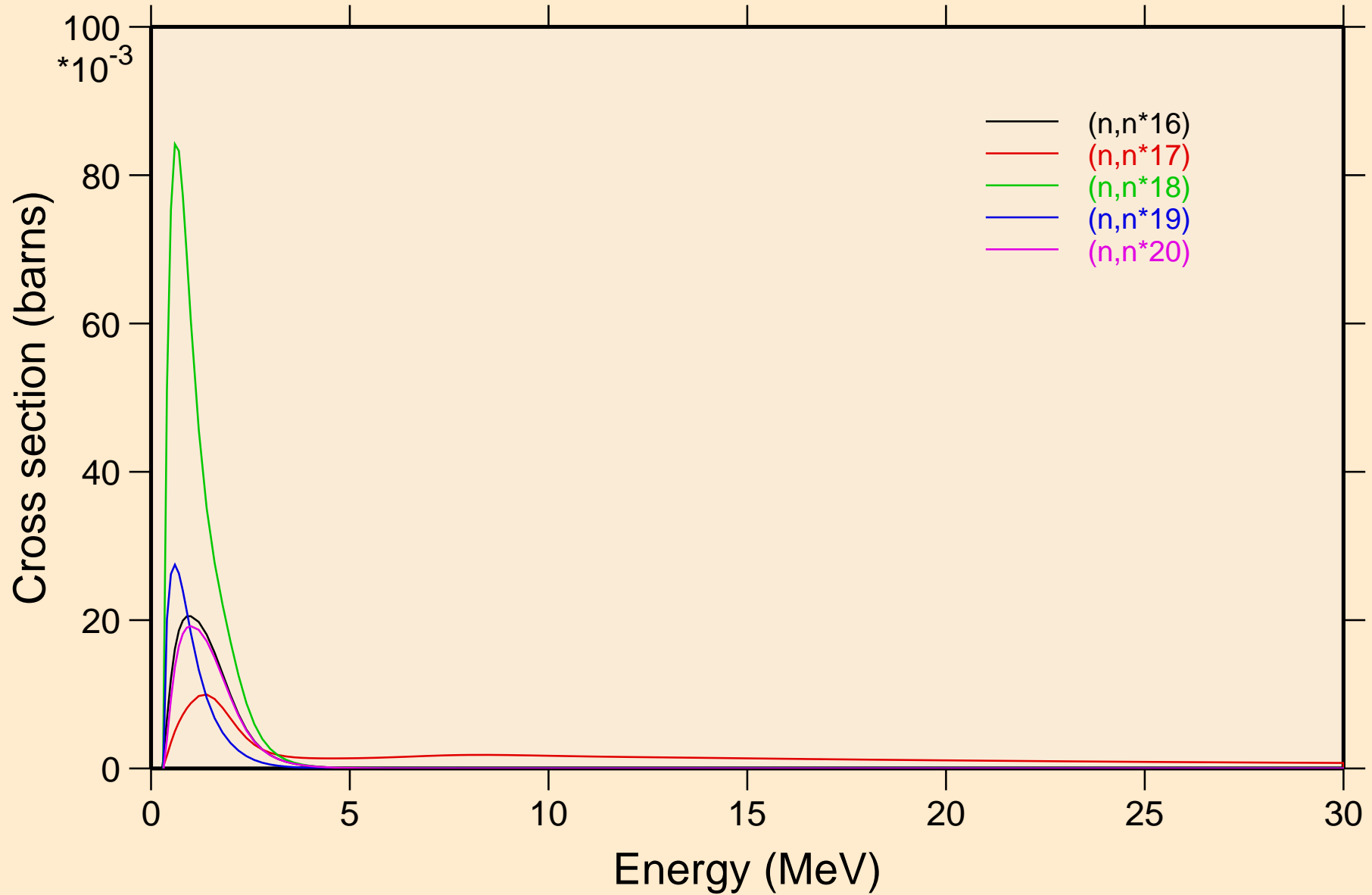
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



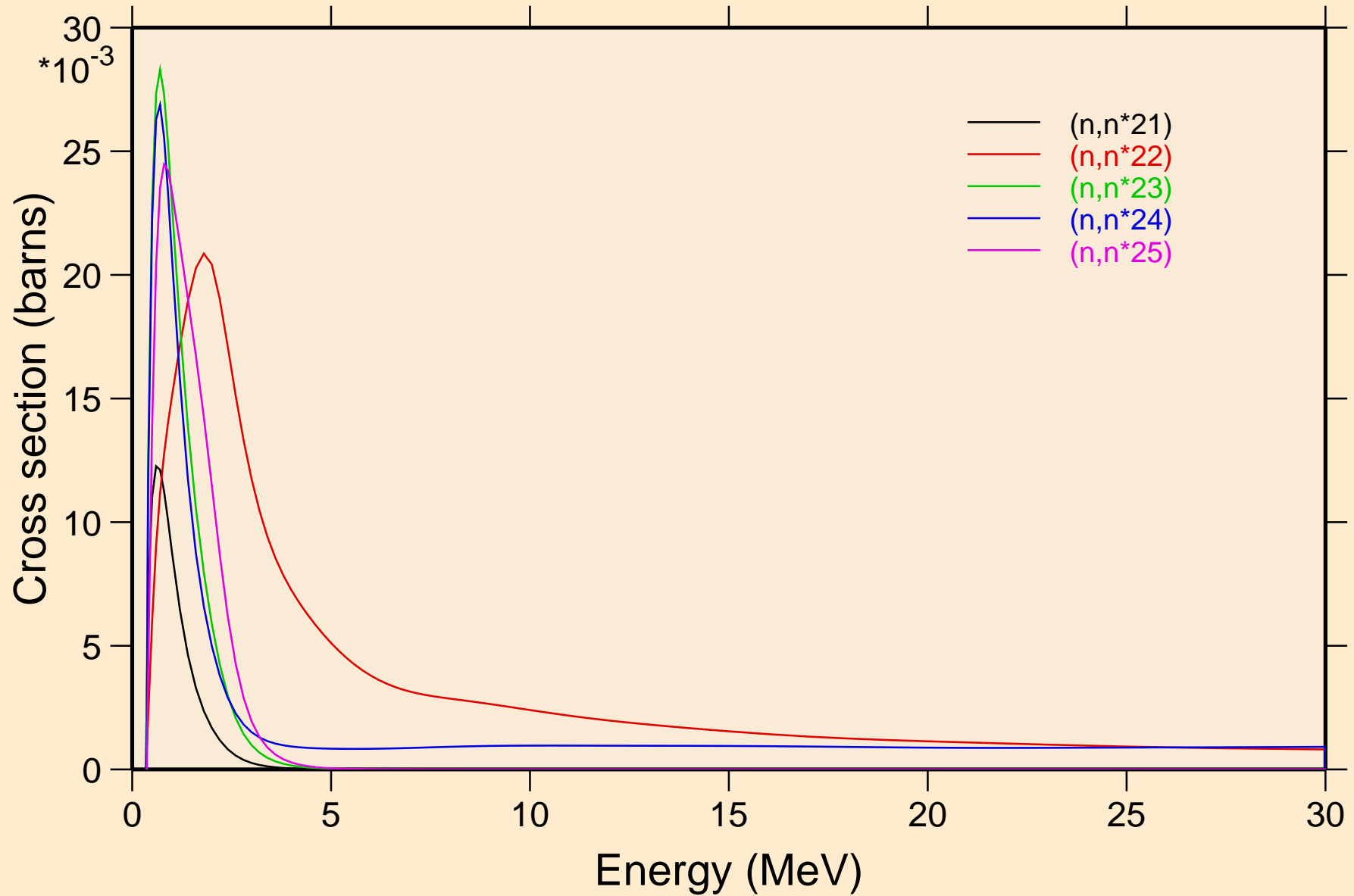
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



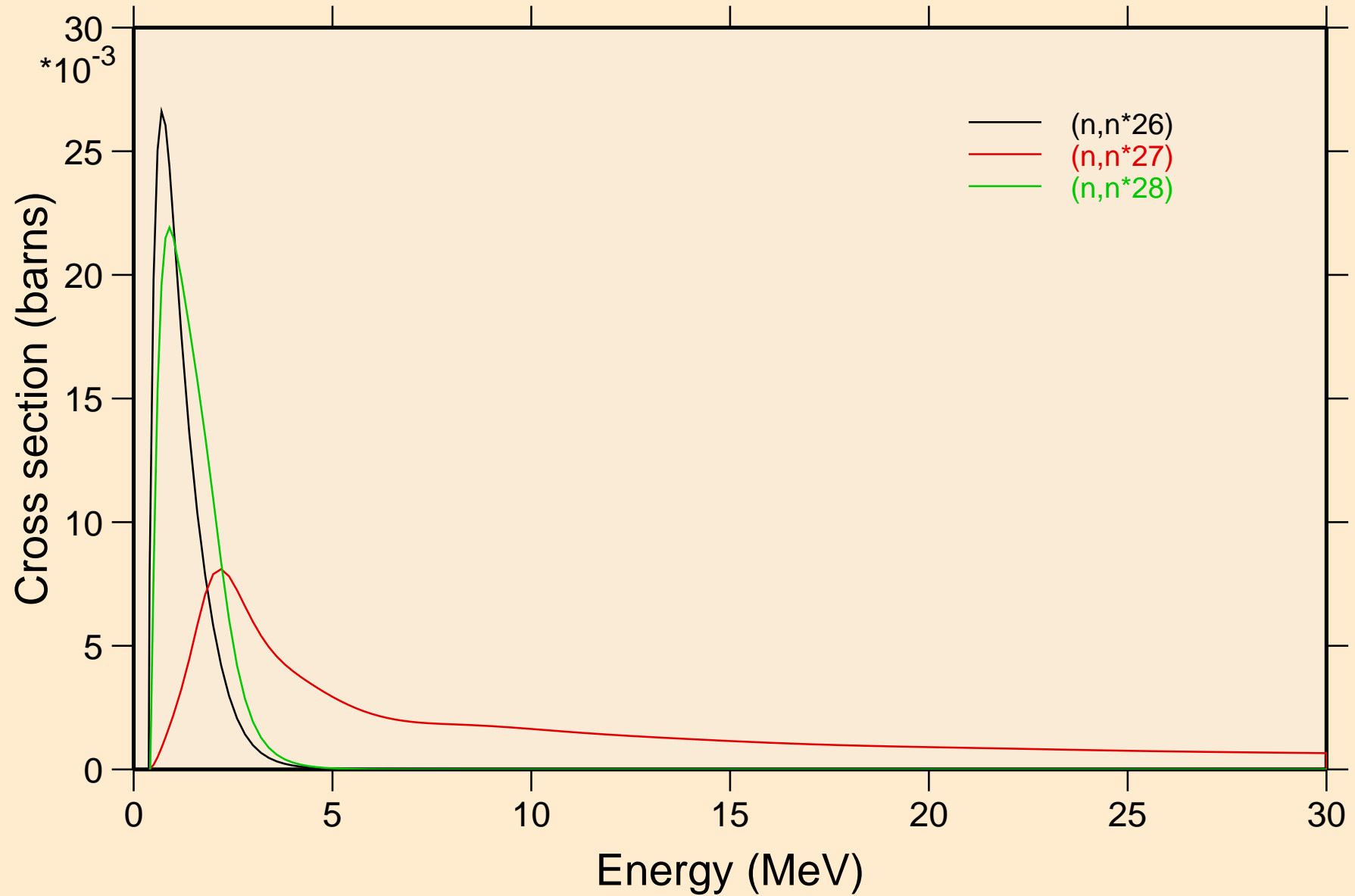
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



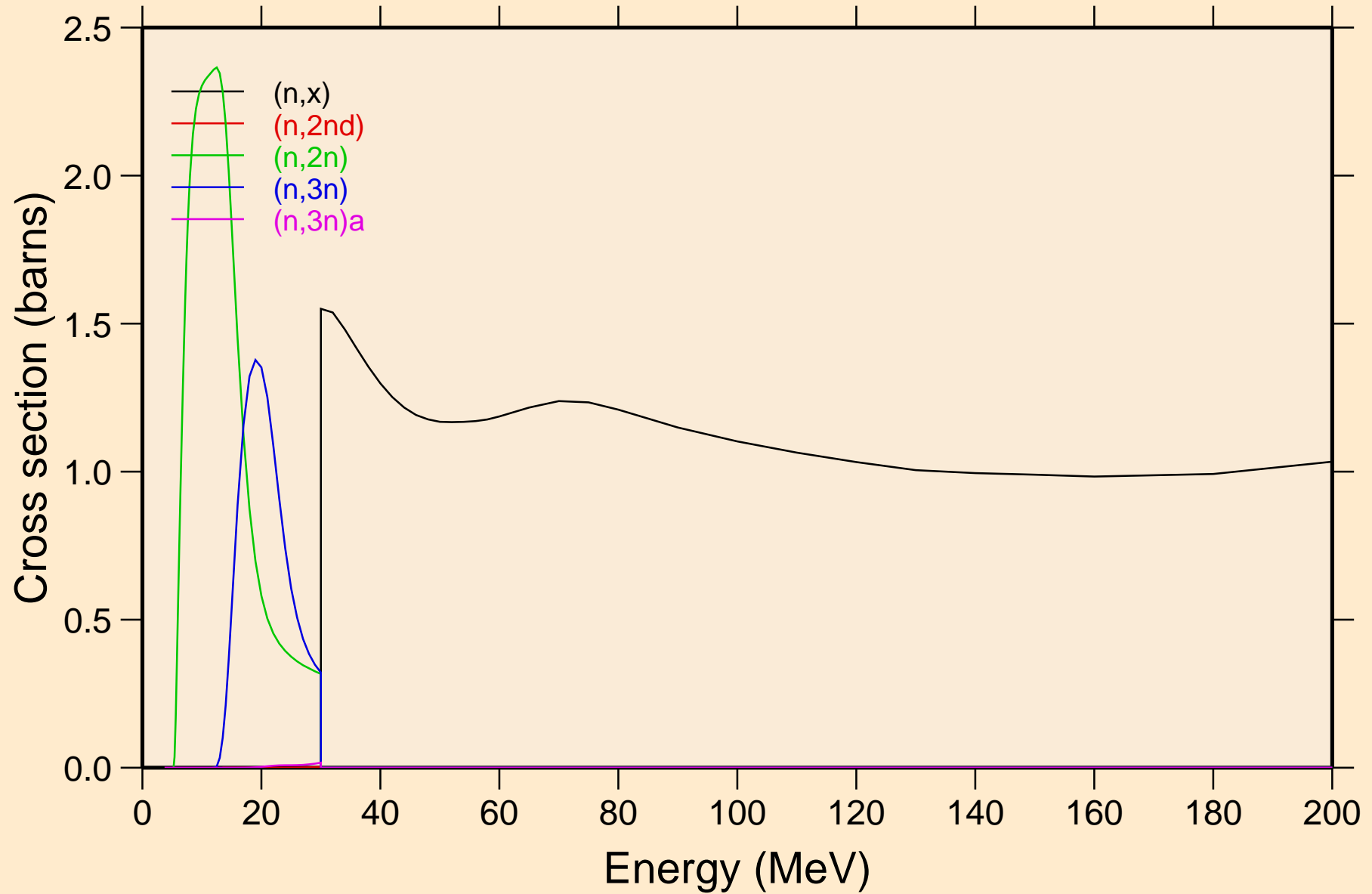
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



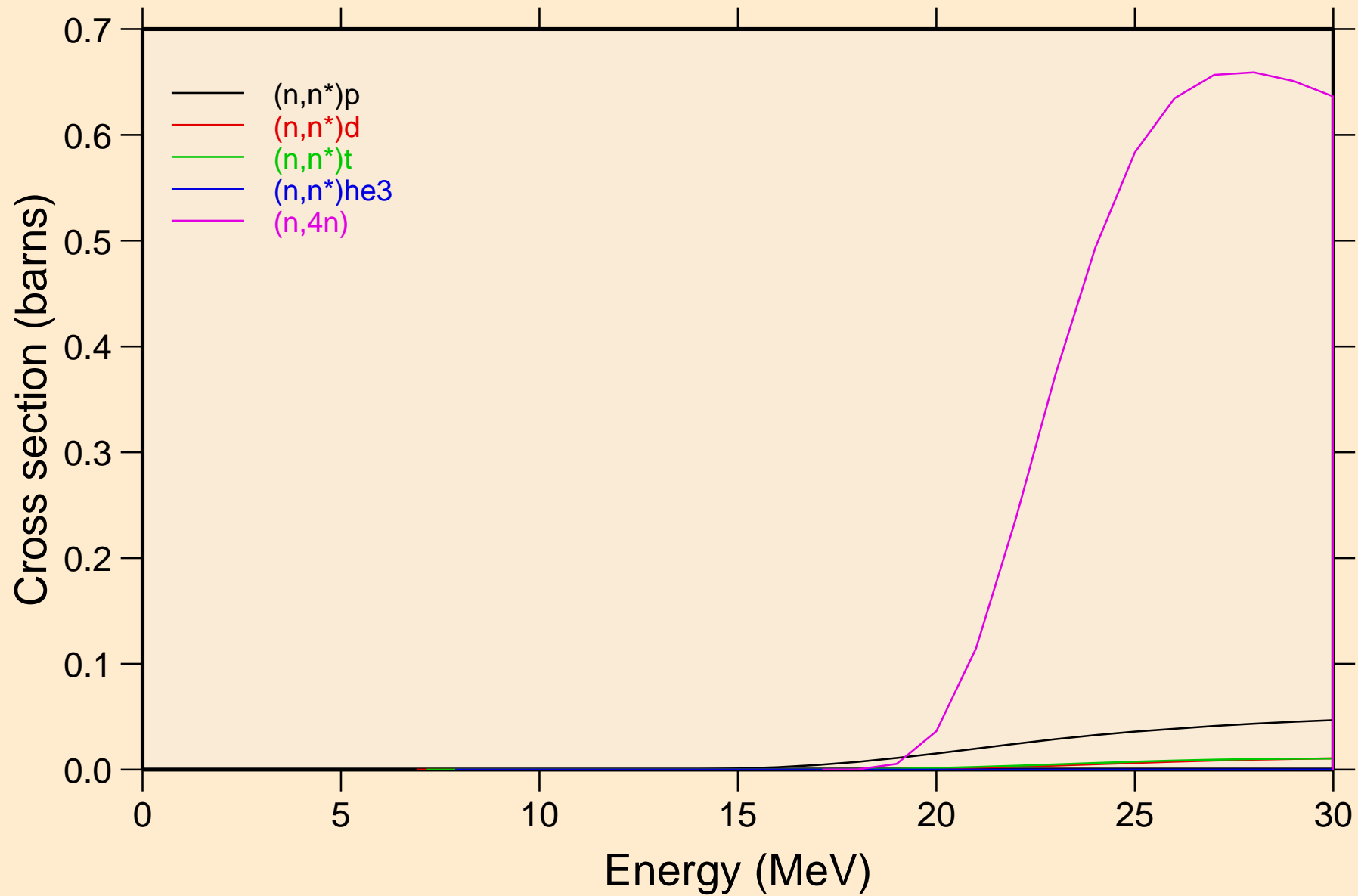
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



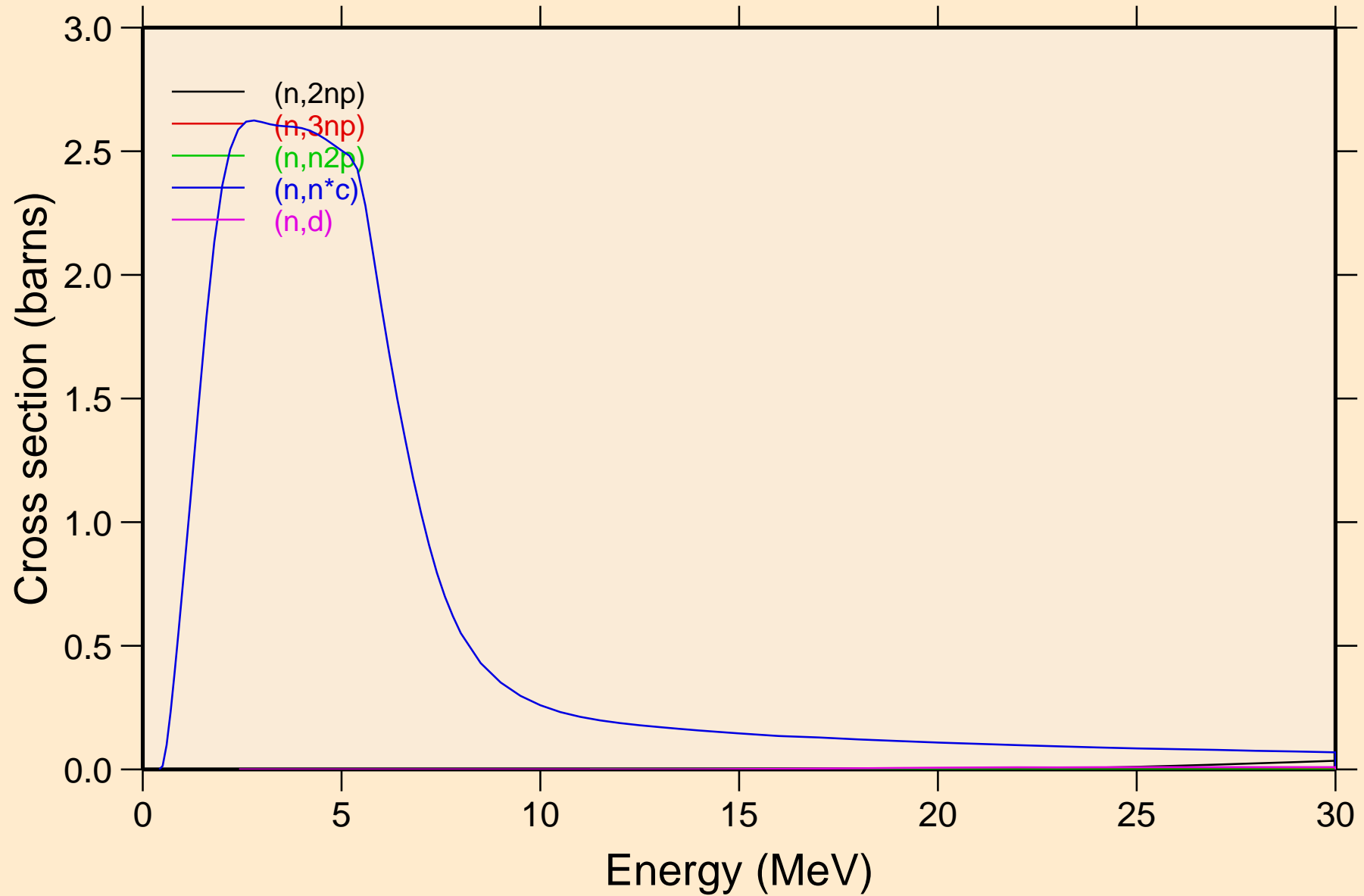
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



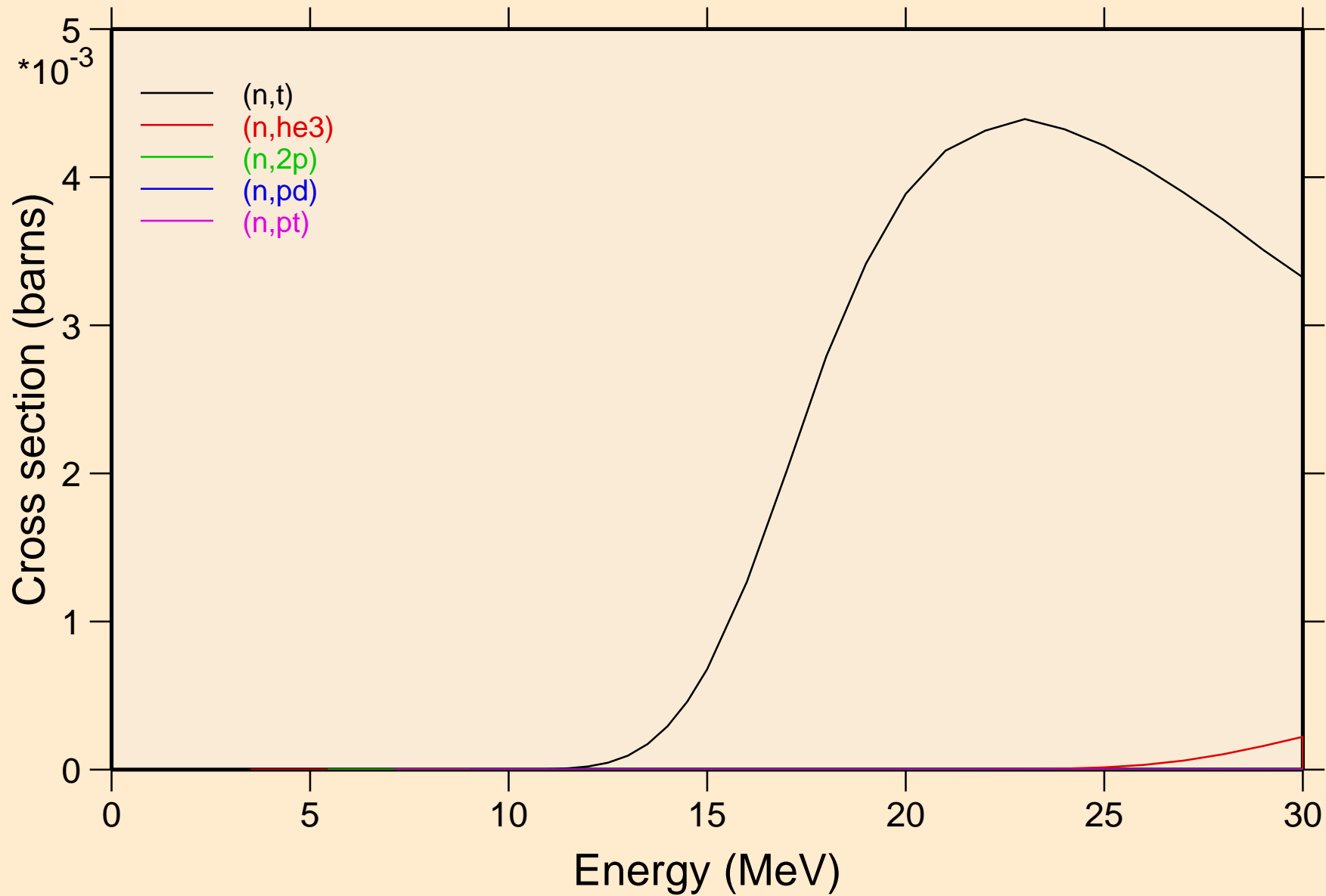
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



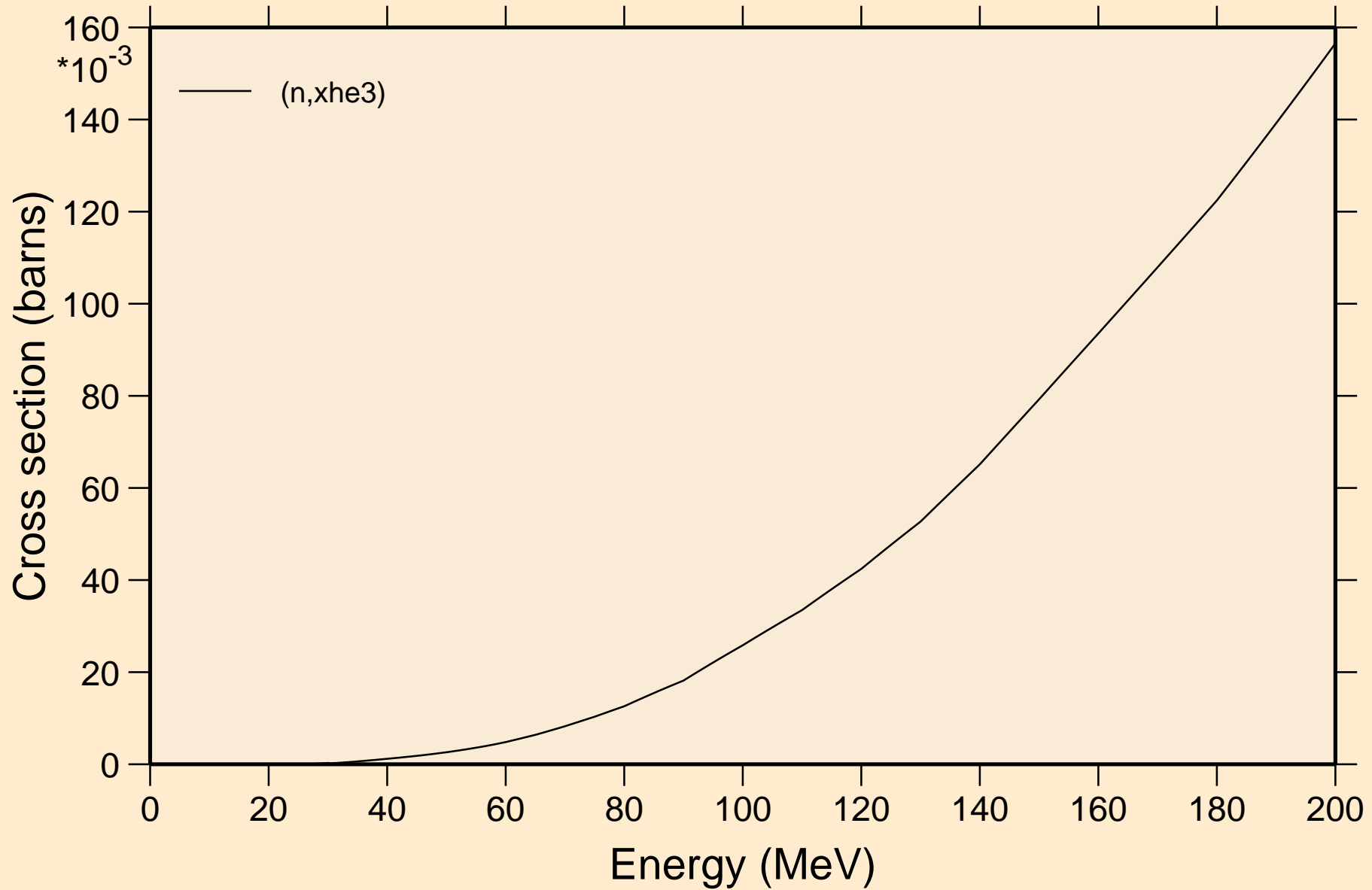
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



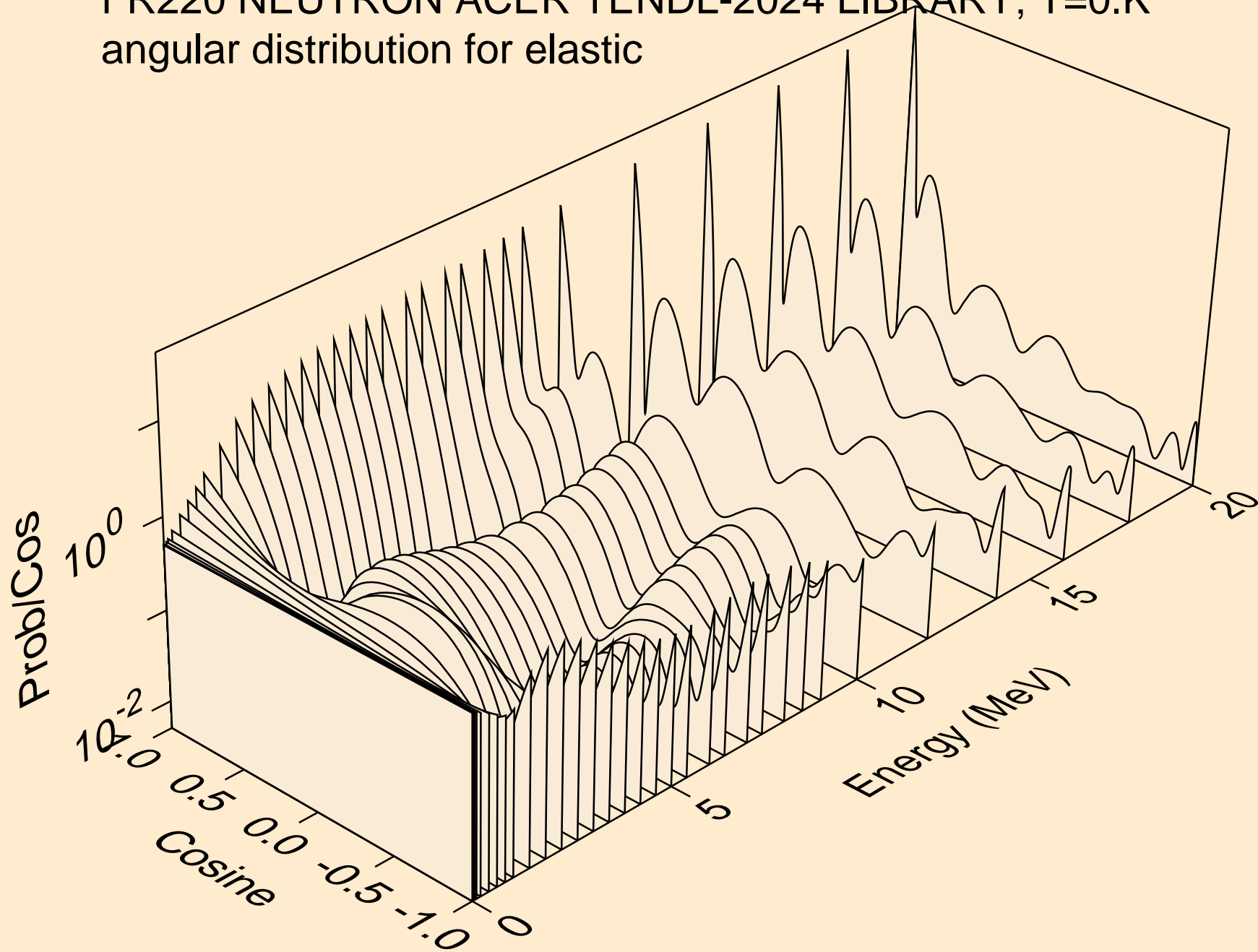
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



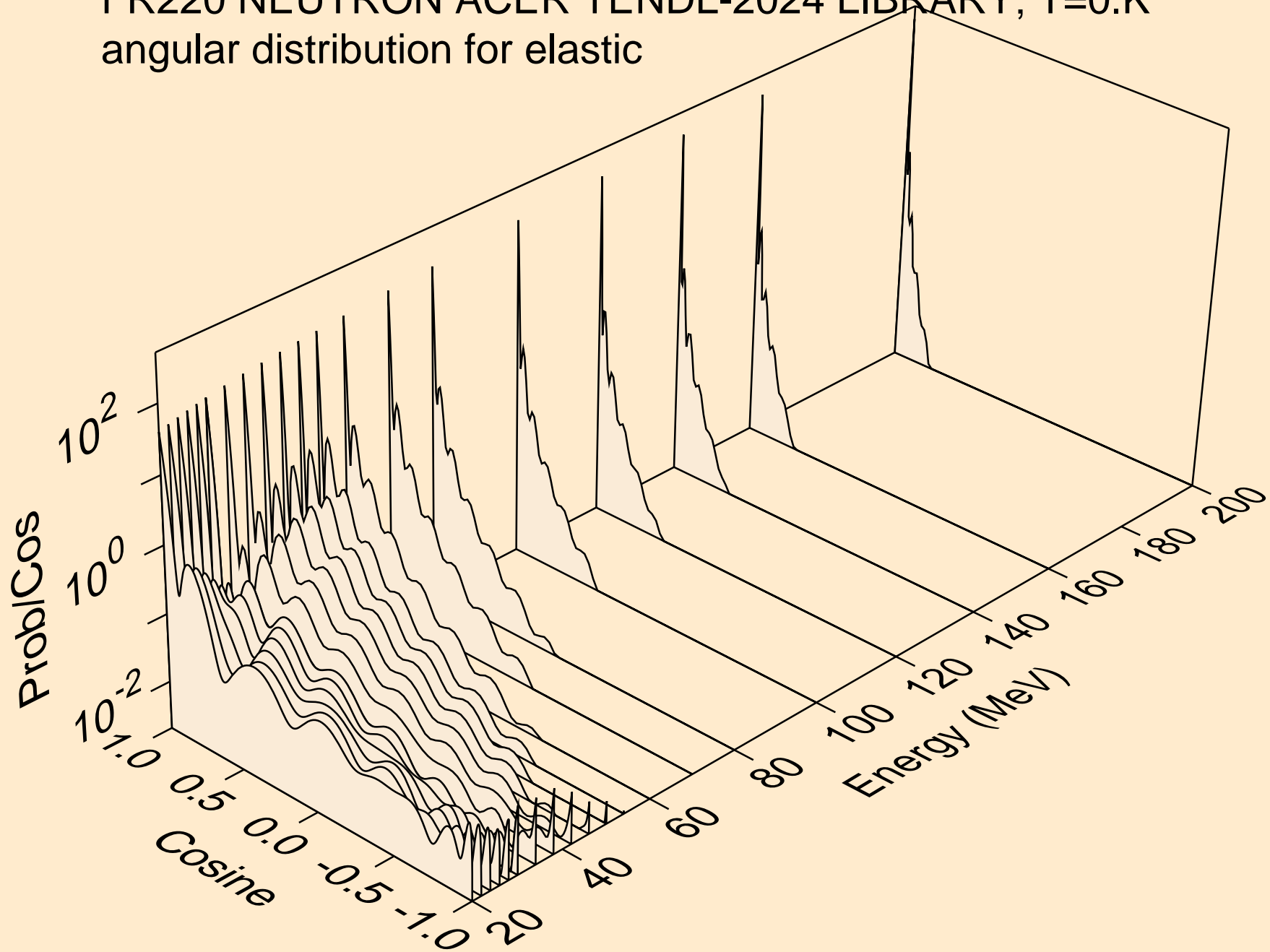
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



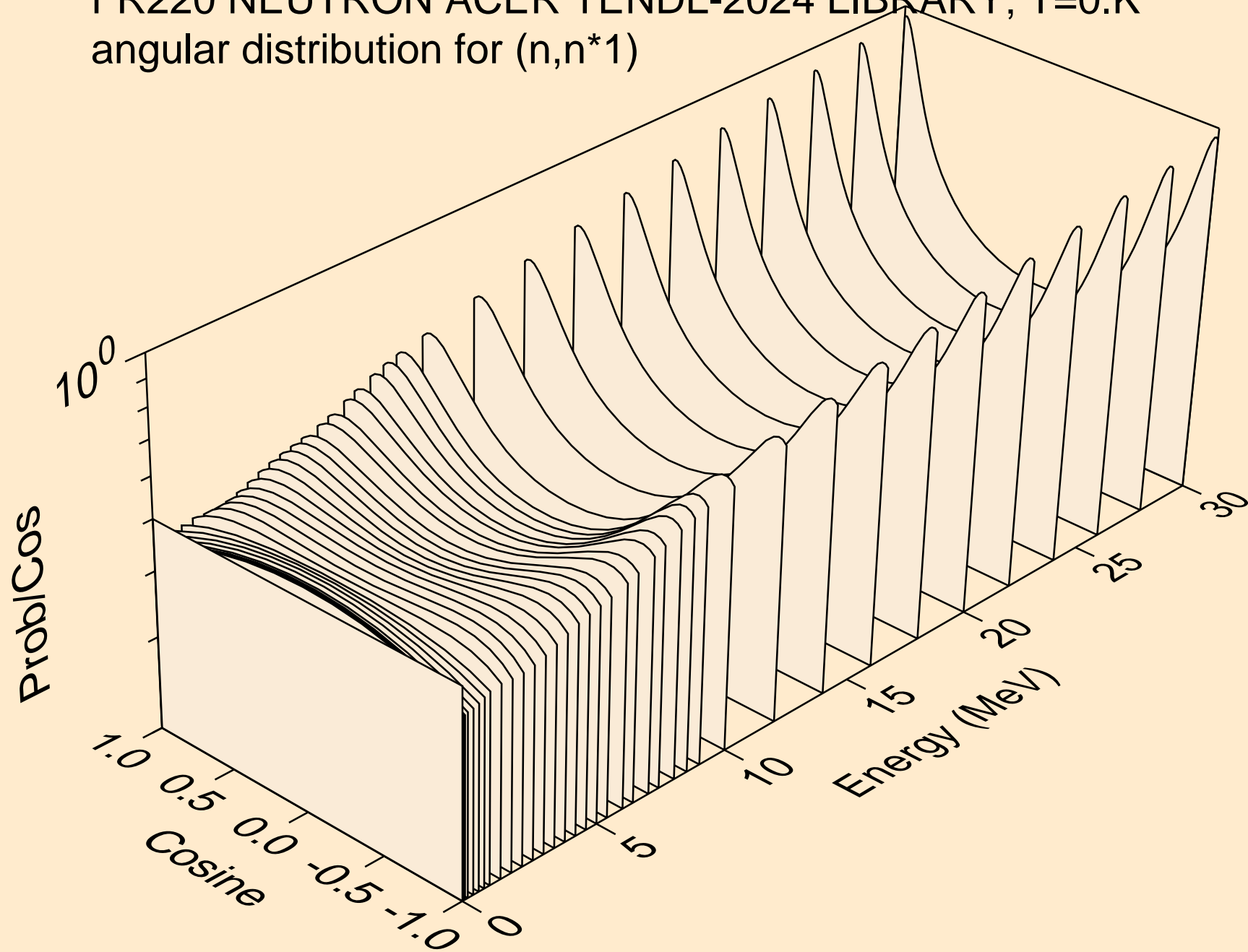
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



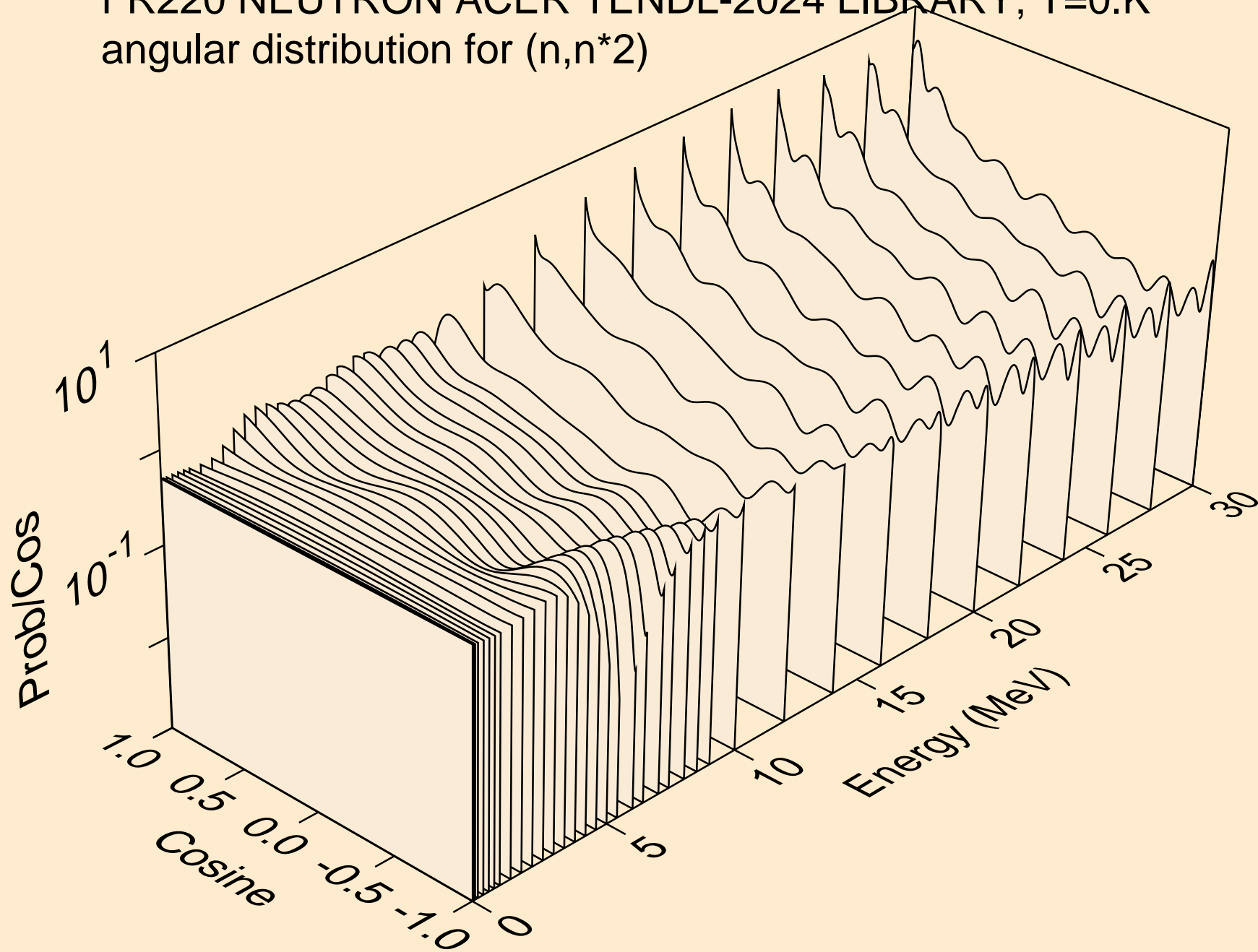
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angular distribution for elastic



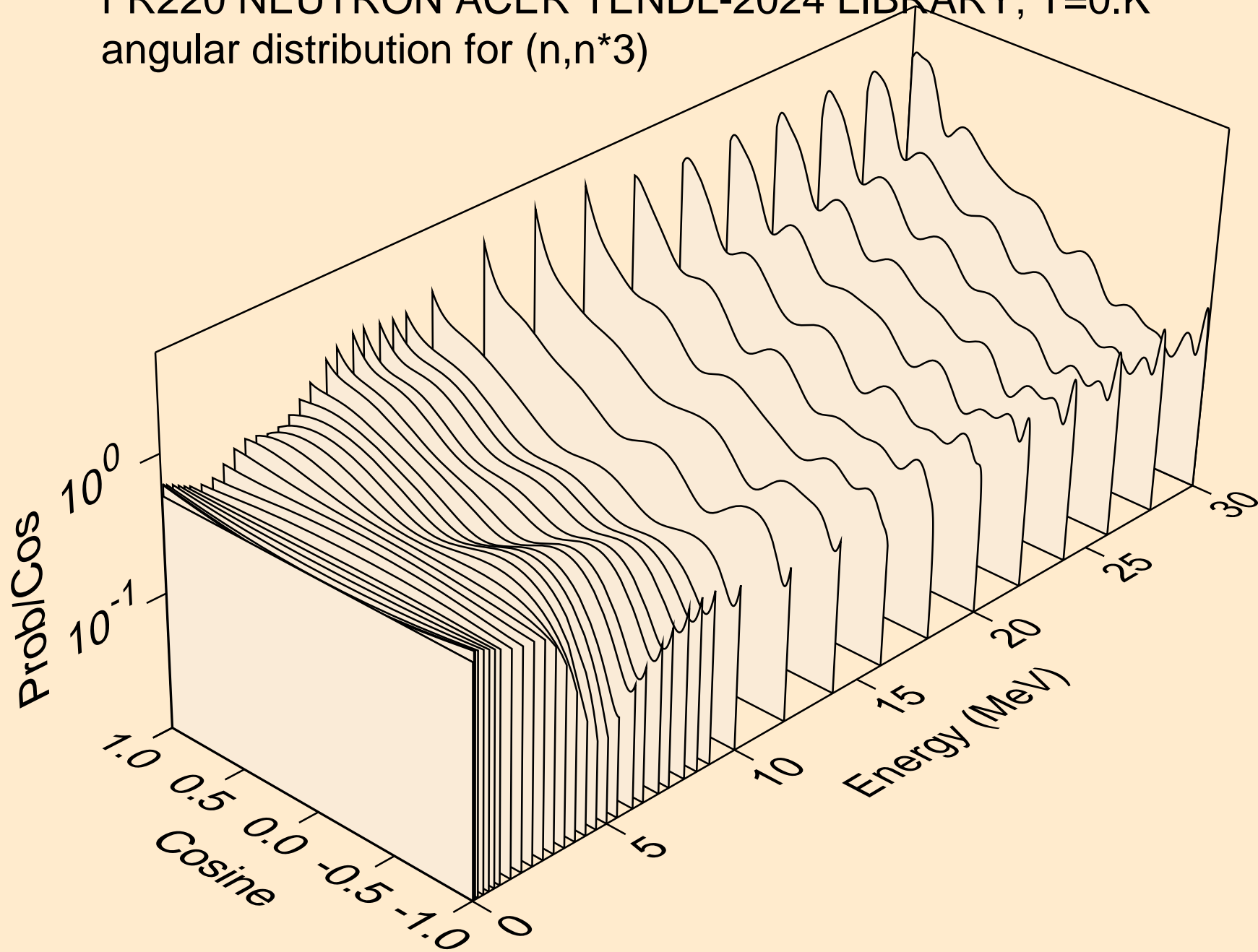
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



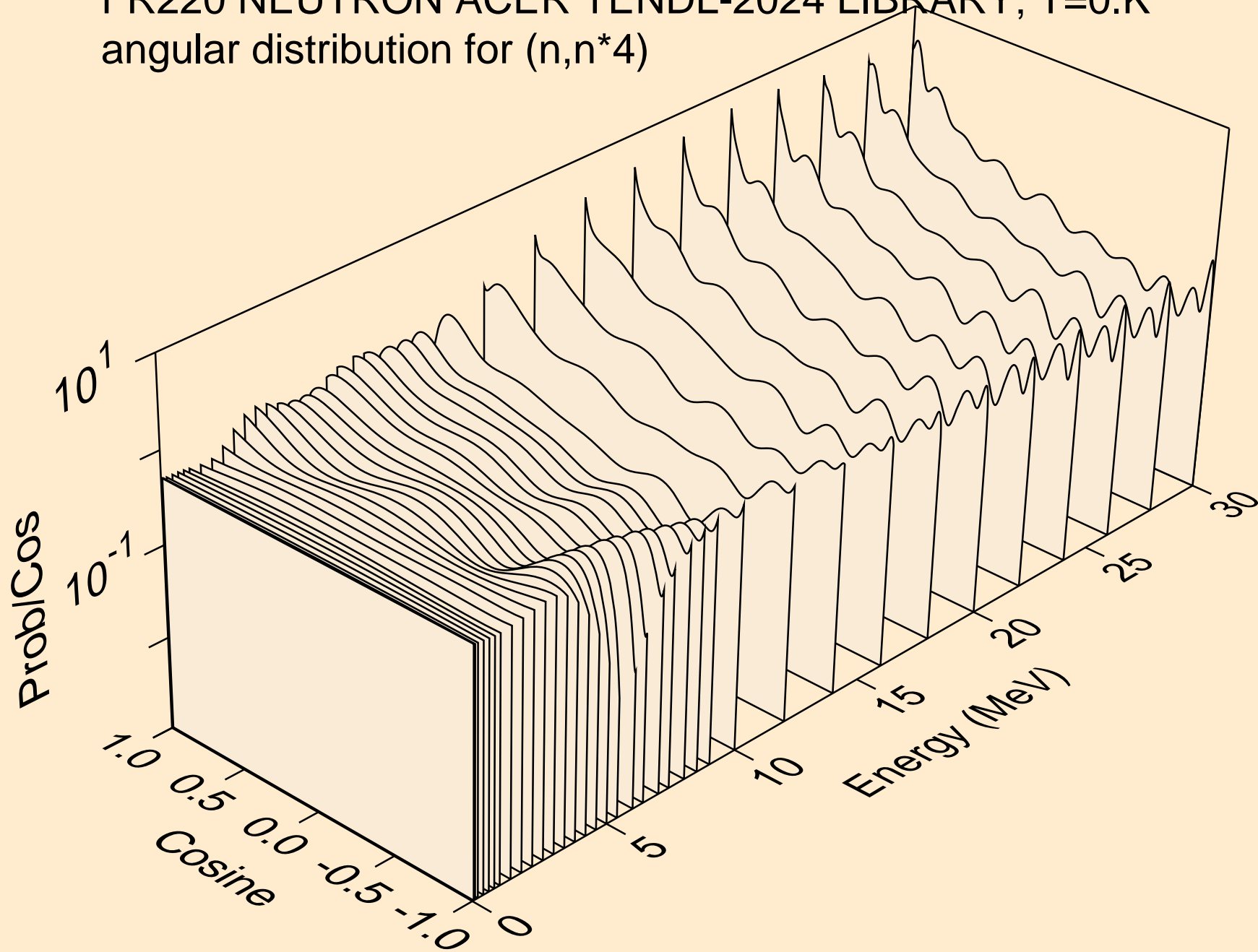
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



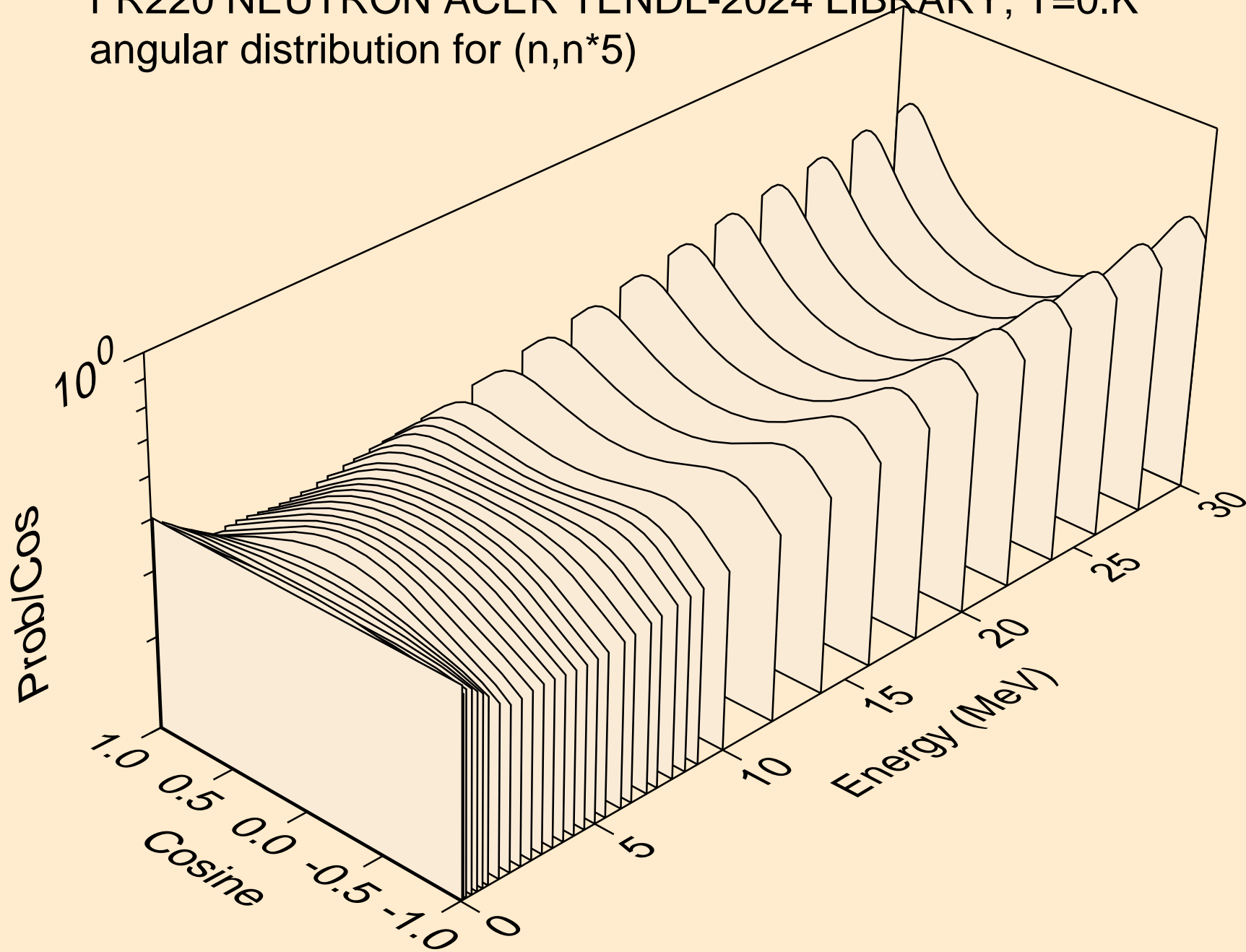
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



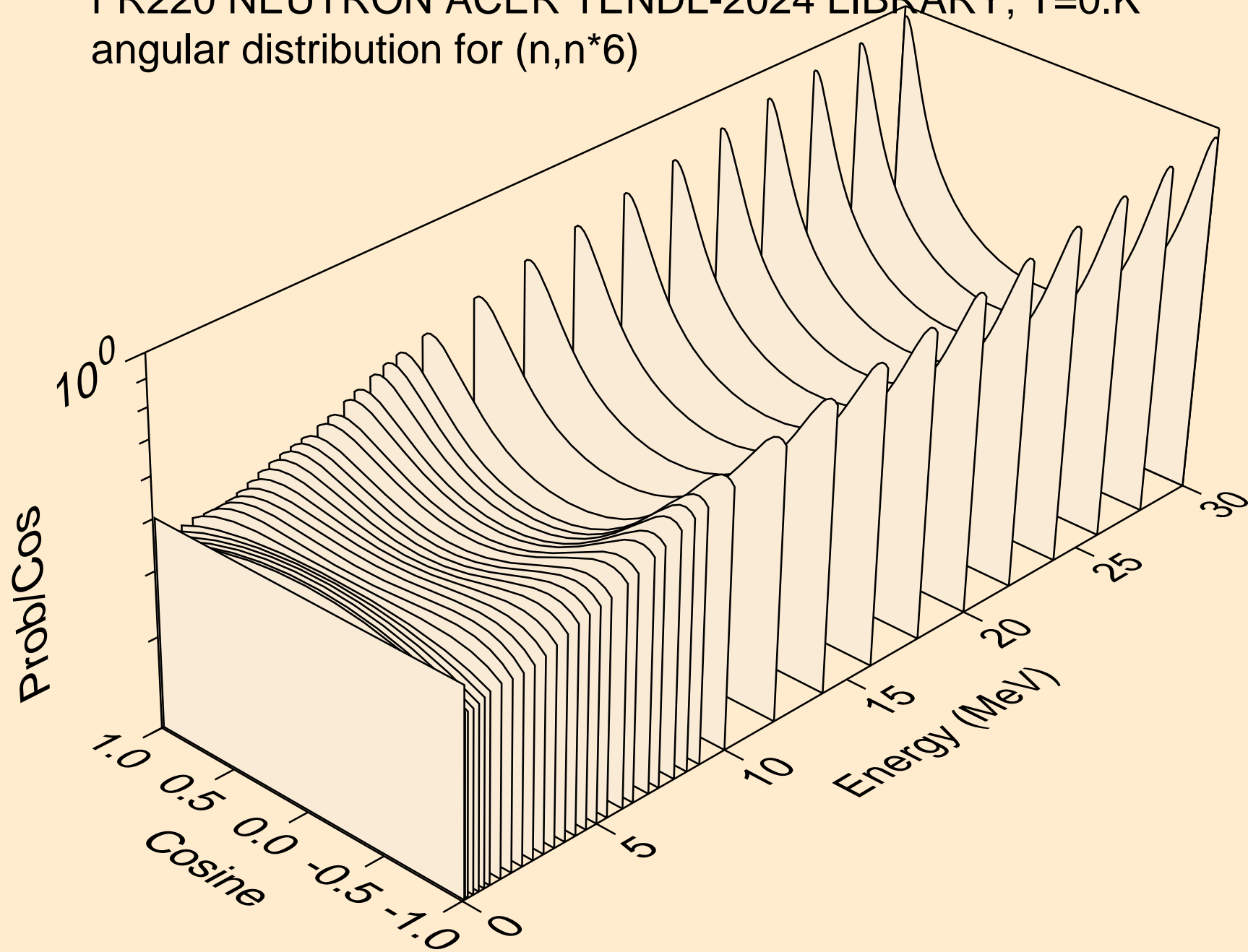
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



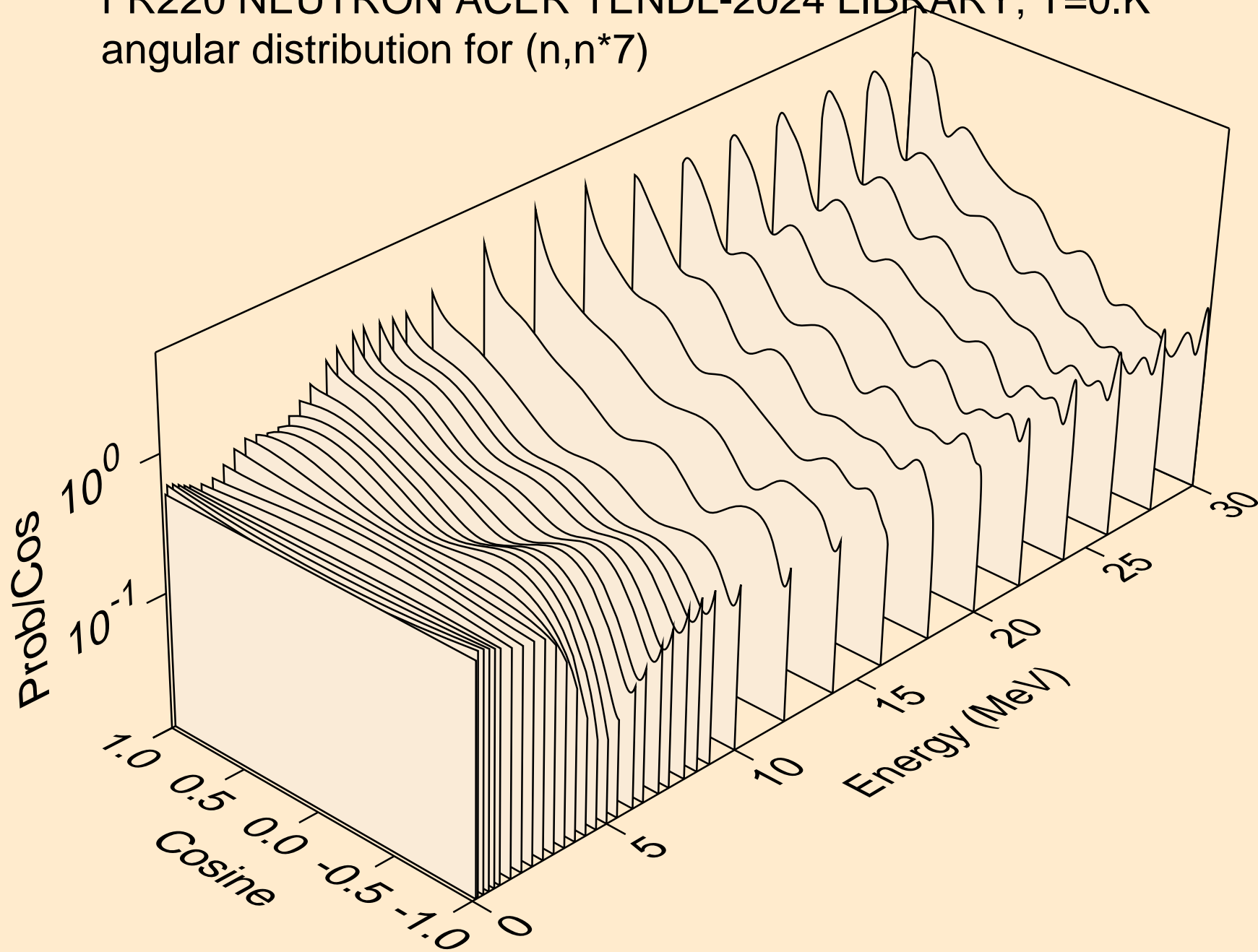
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



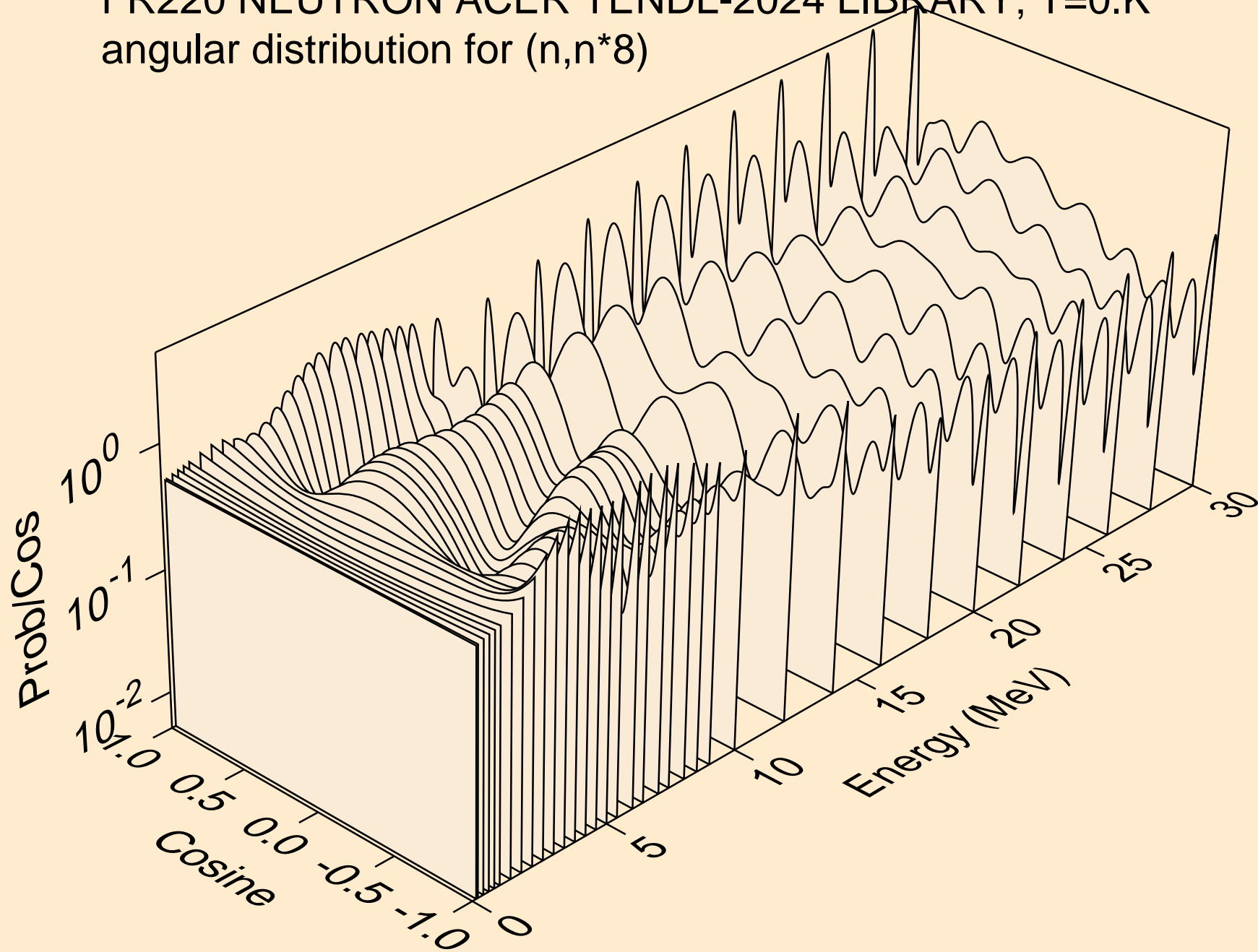
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*6)



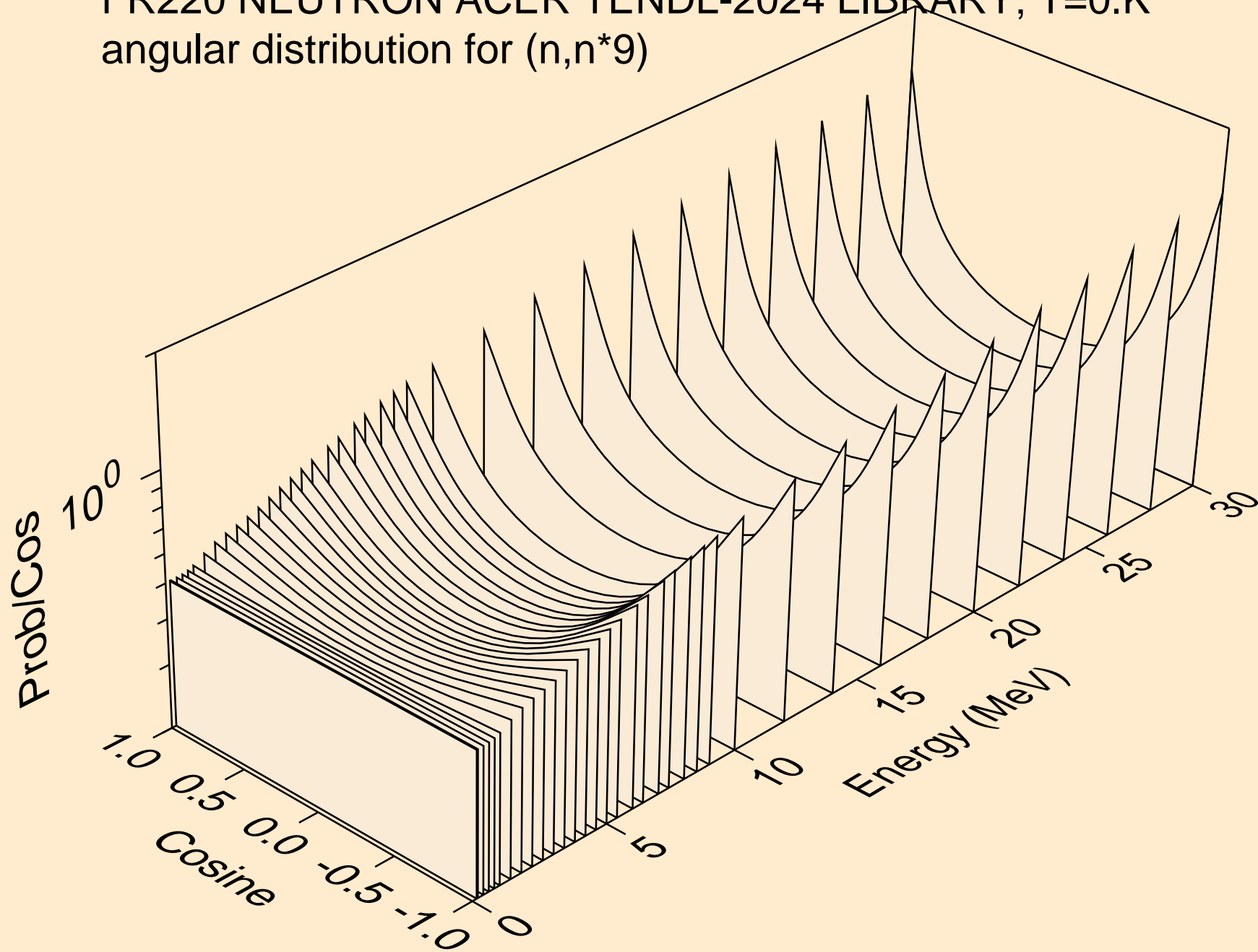
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*7)



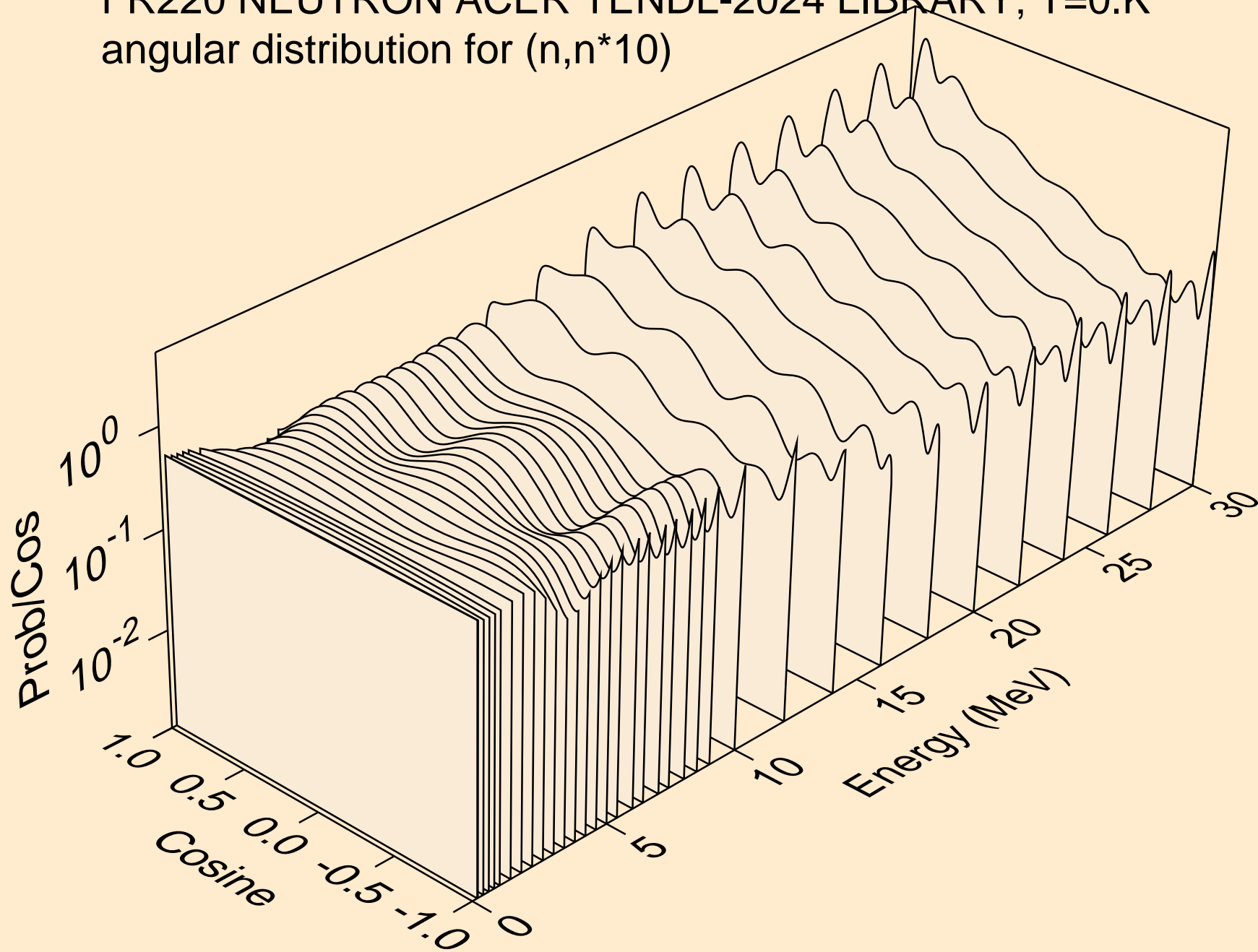
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angular distribution for (n,n*8)



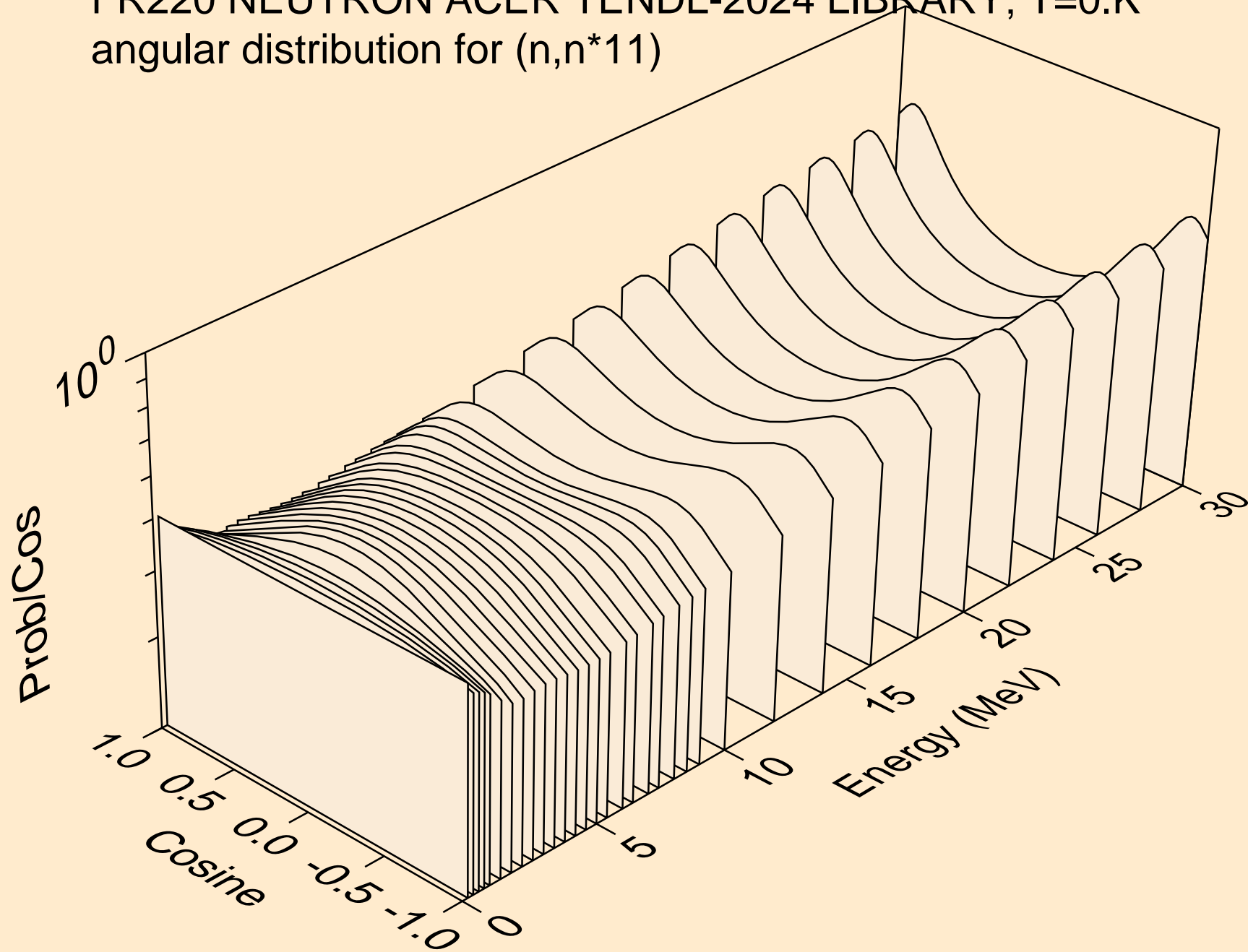
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*9)



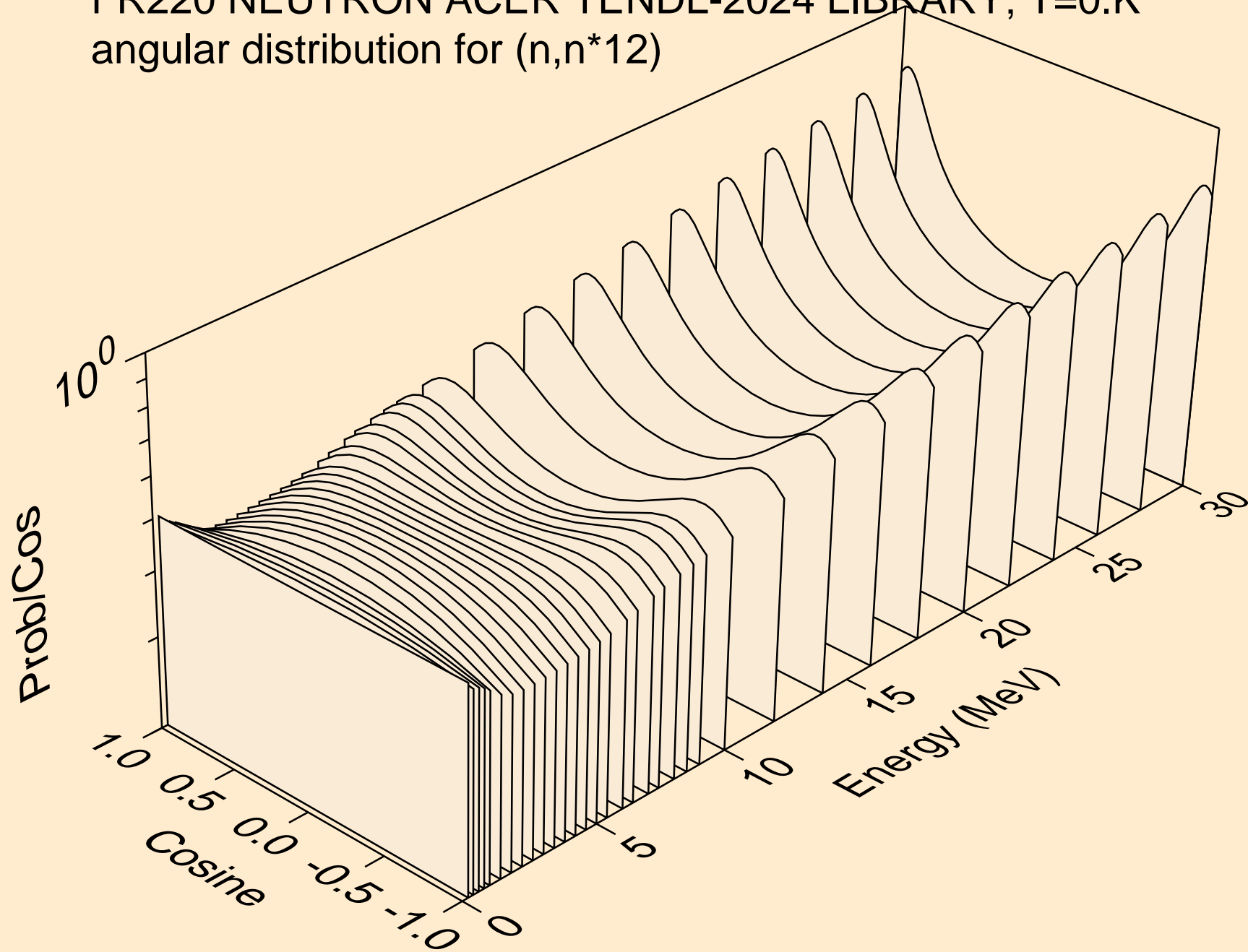
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angular distribution for (n,n*10)



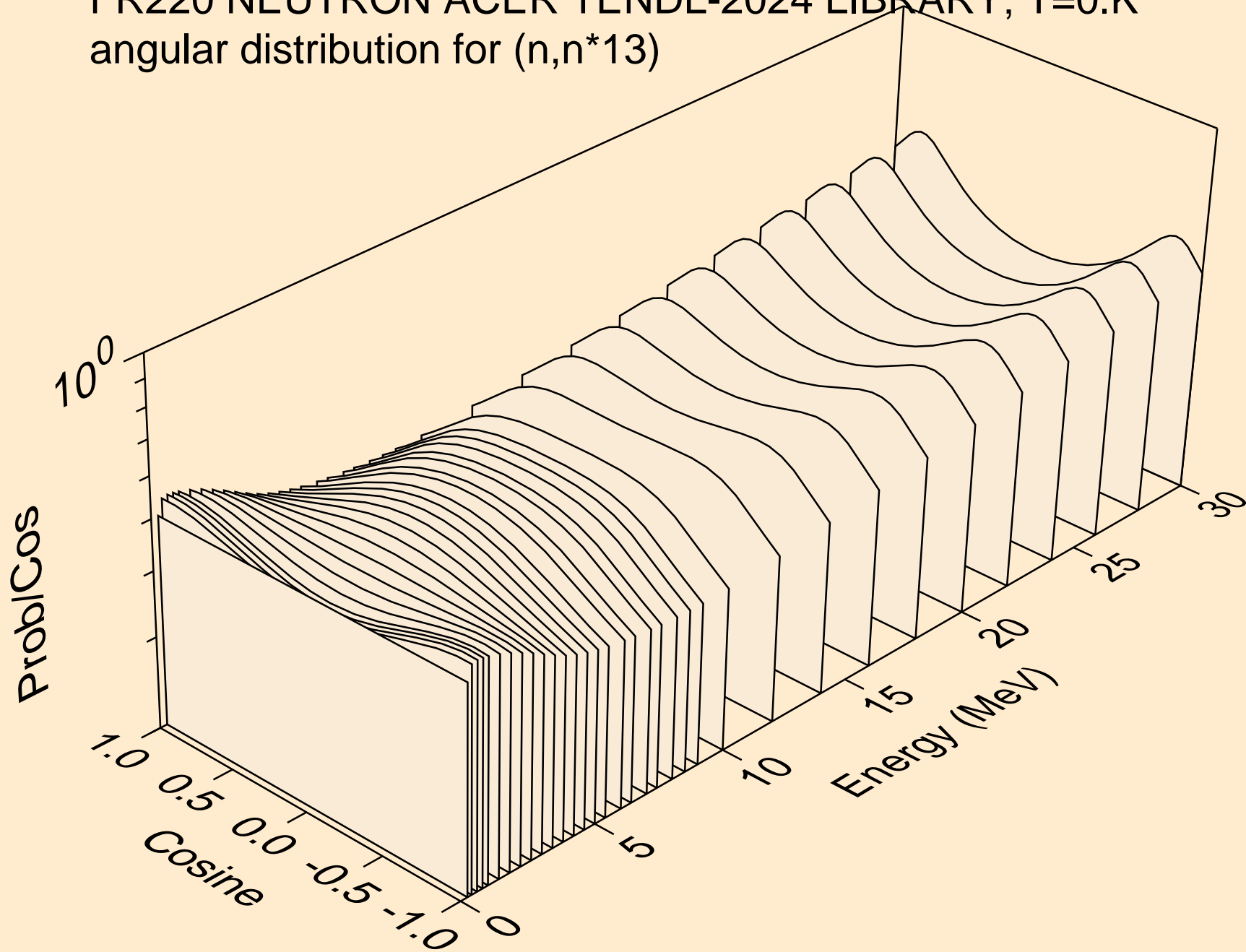
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angular distribution for (n,n*11)



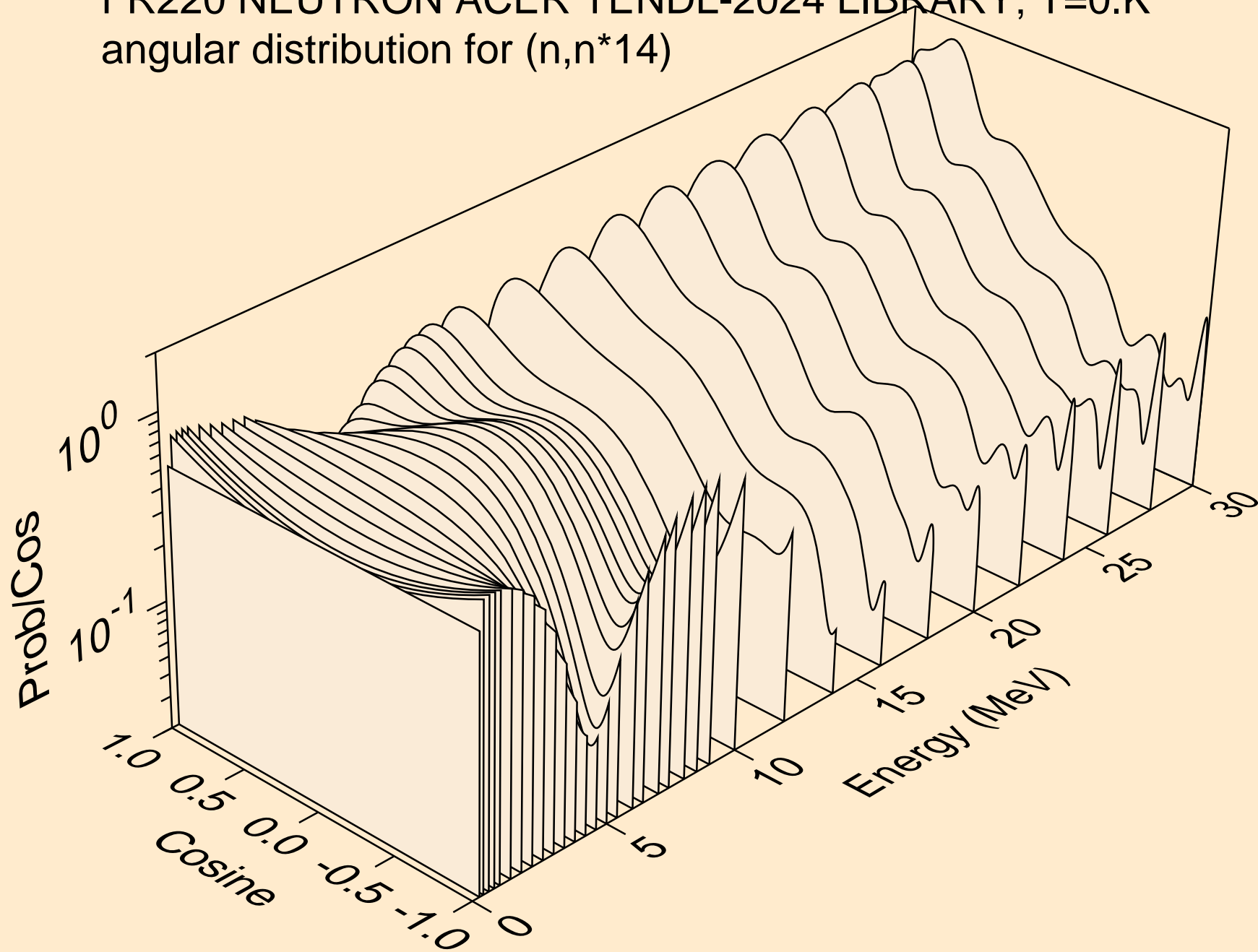
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angular distribution for (n,n*12)



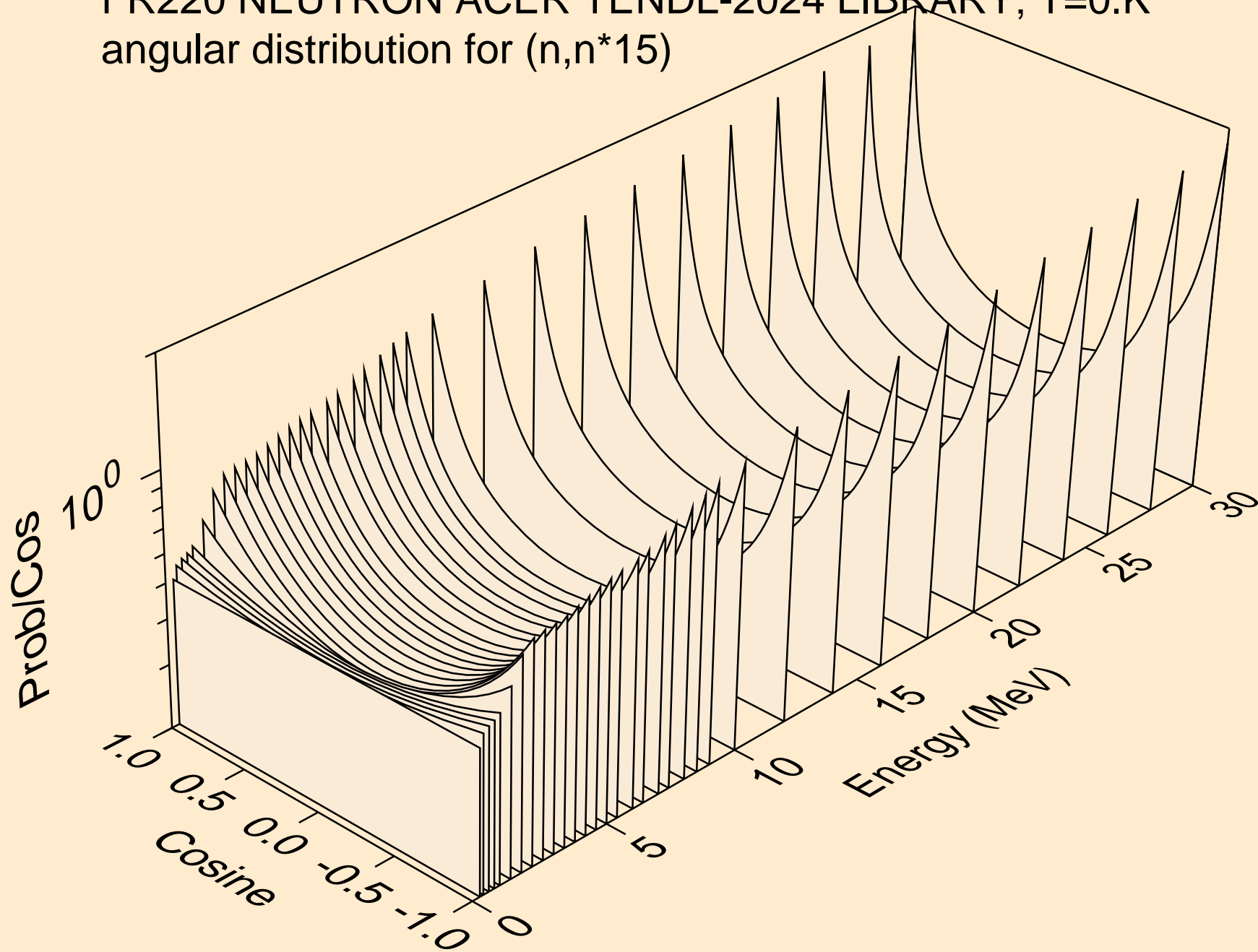
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angular distribution for (n,n*13)



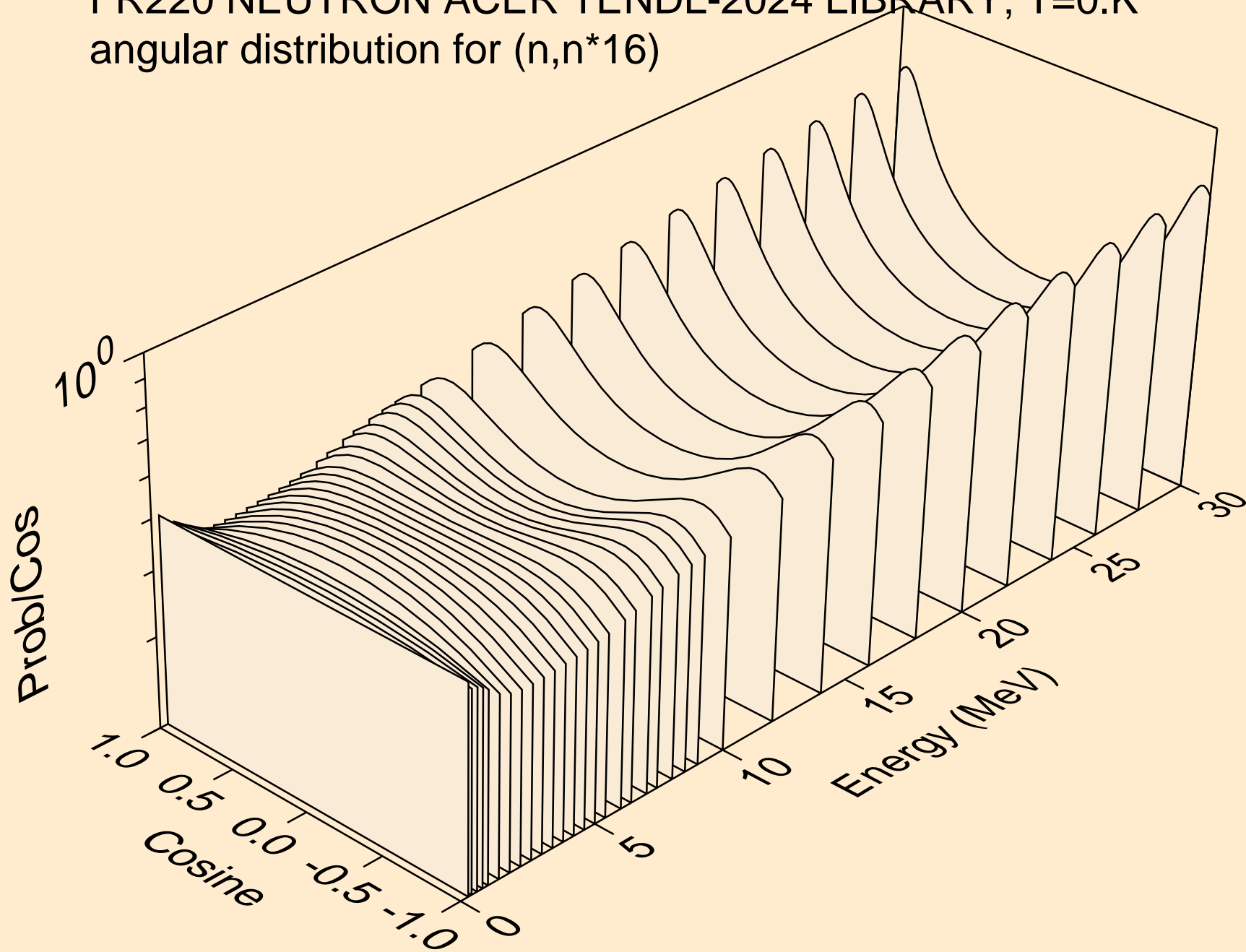
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angular distribution for (n,n*14)



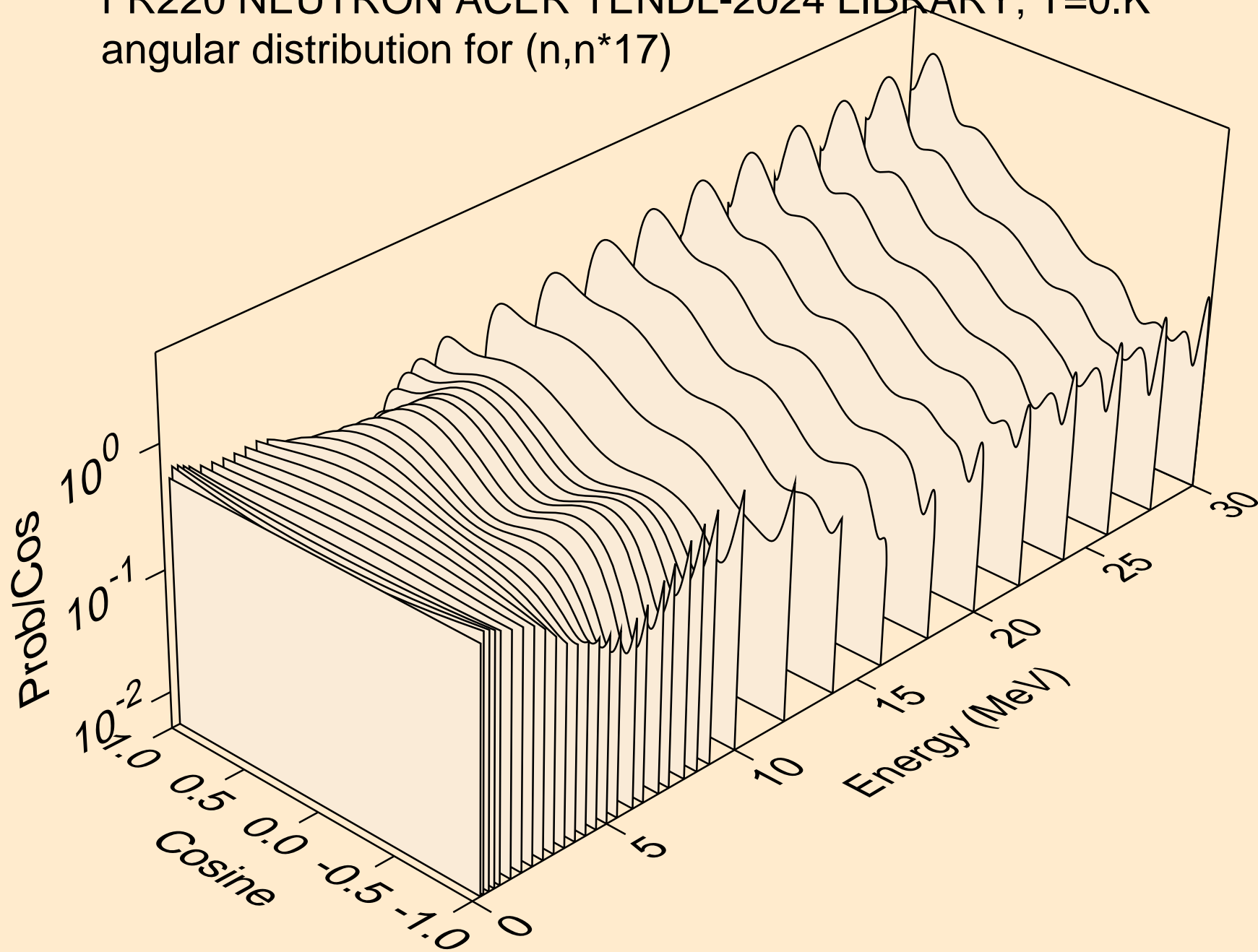
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angular distribution for (n,n*15)



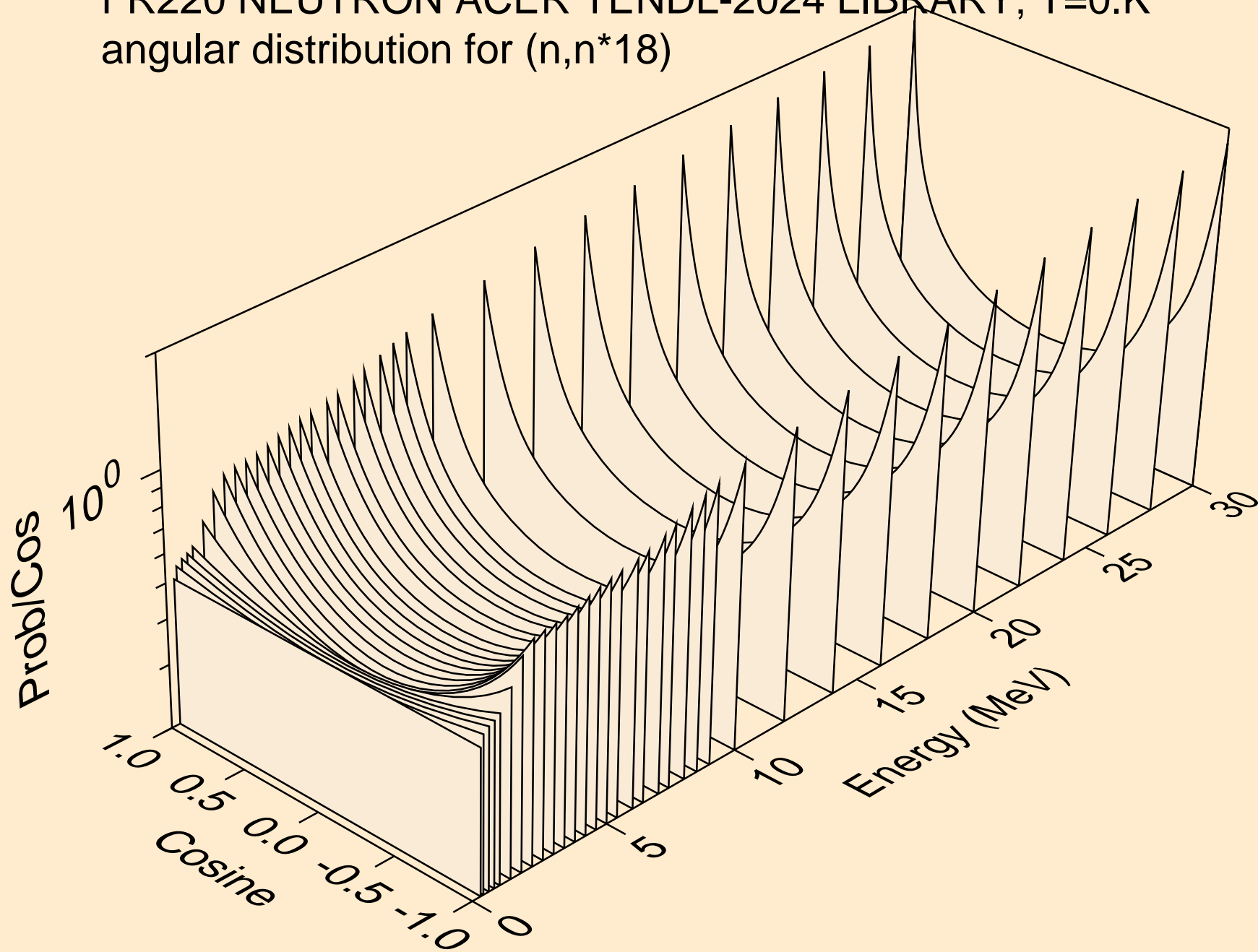
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*16)



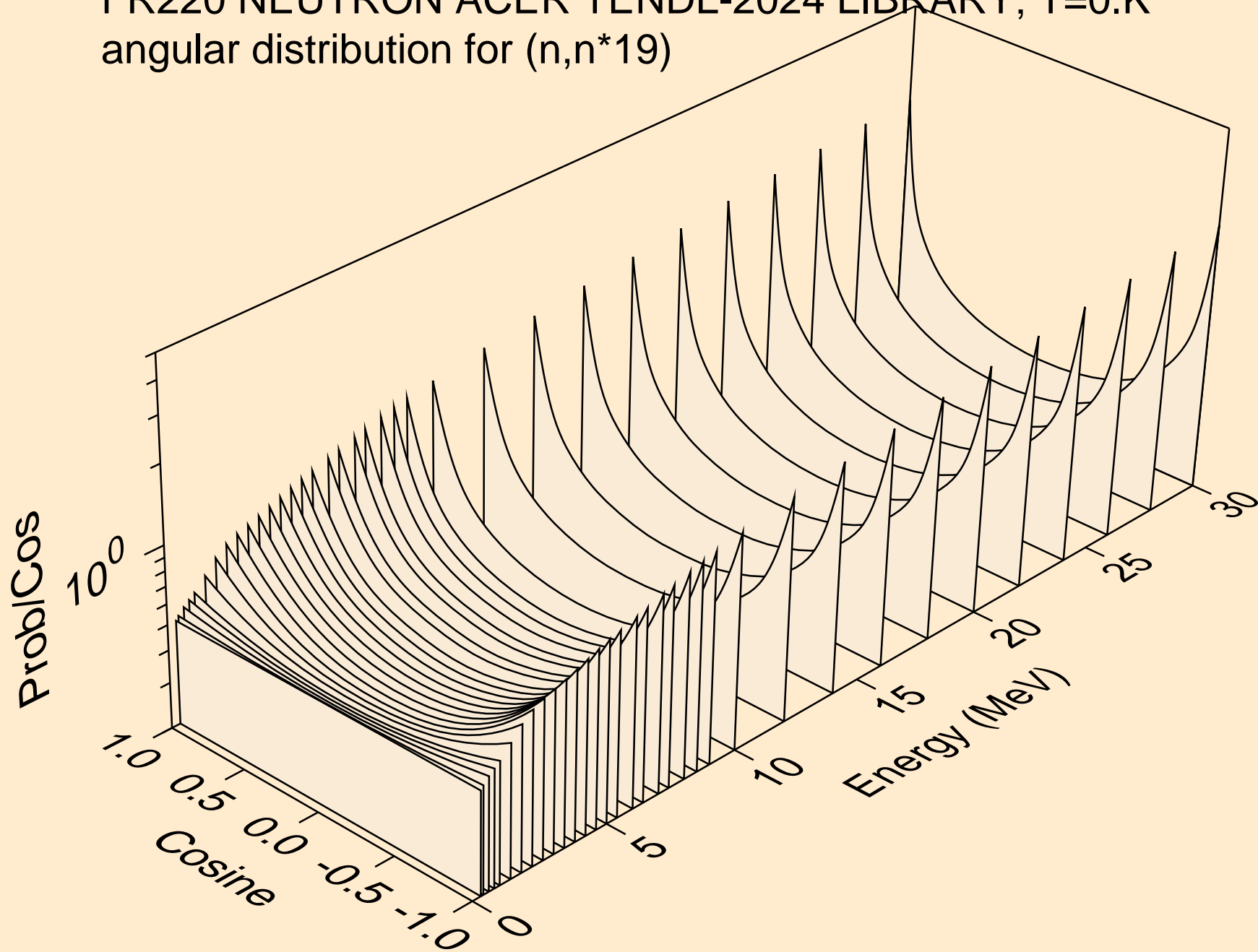
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angular distribution for (n,n*17)



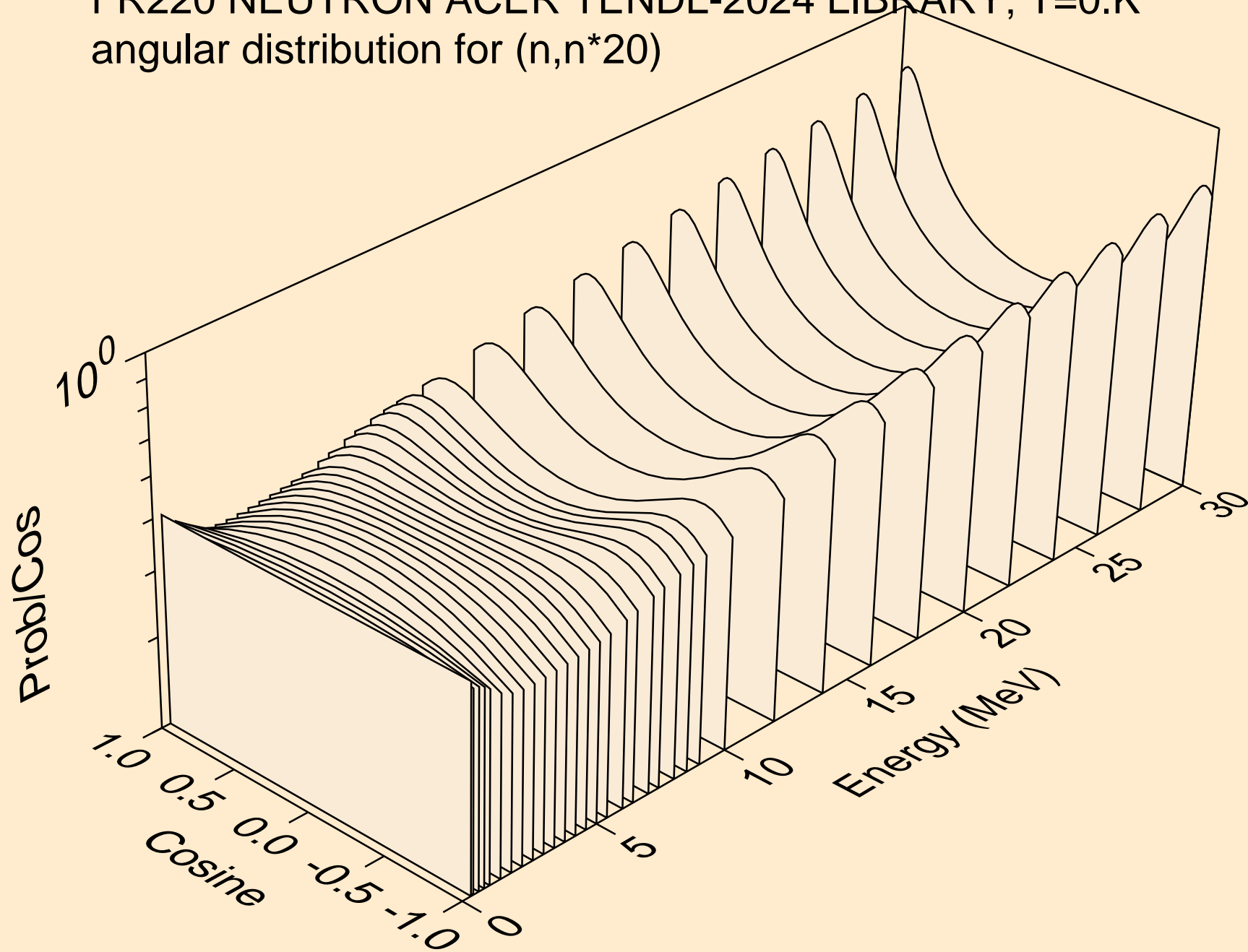
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angular distribution for (n,n*18)



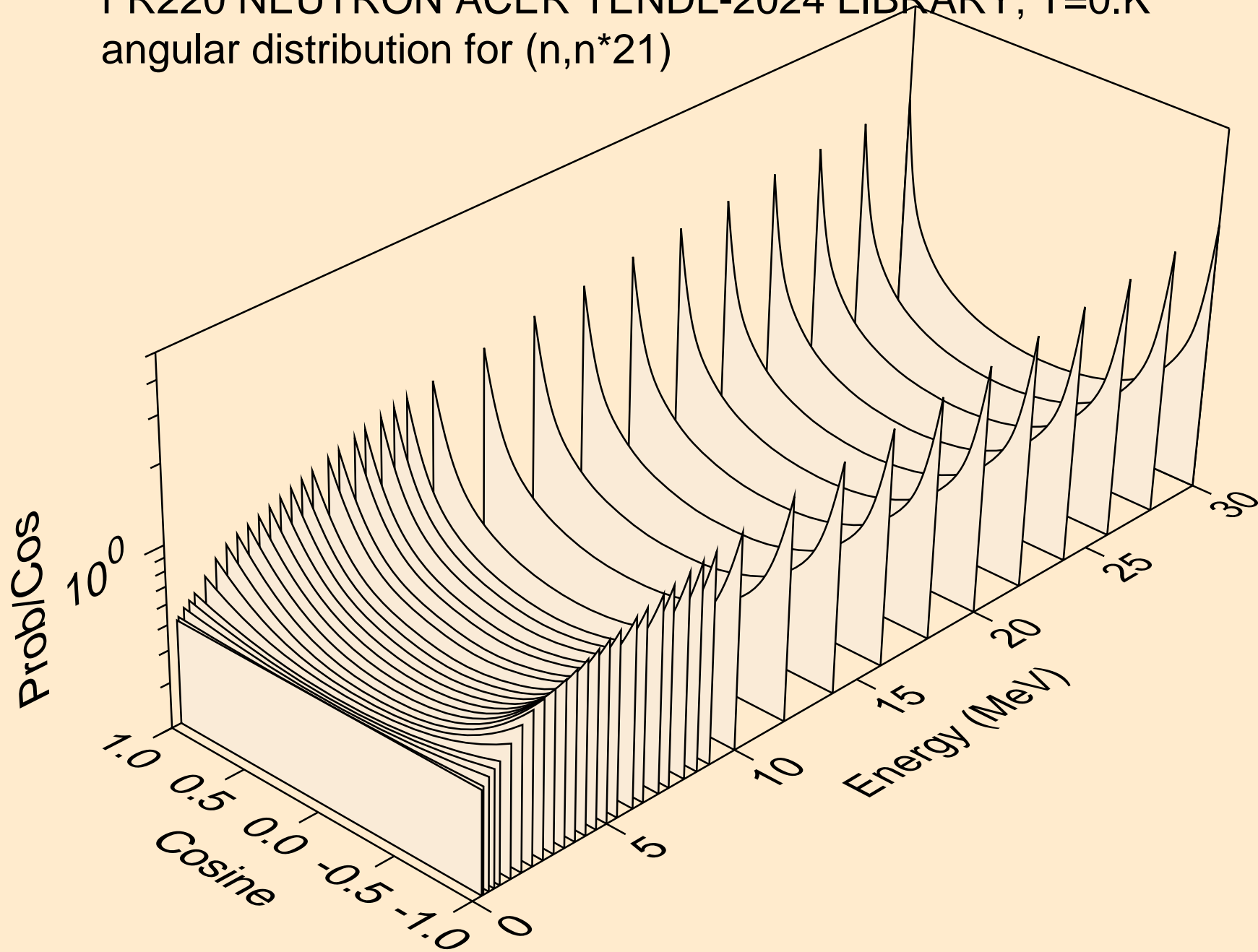
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angular distribution for (n,n*19)



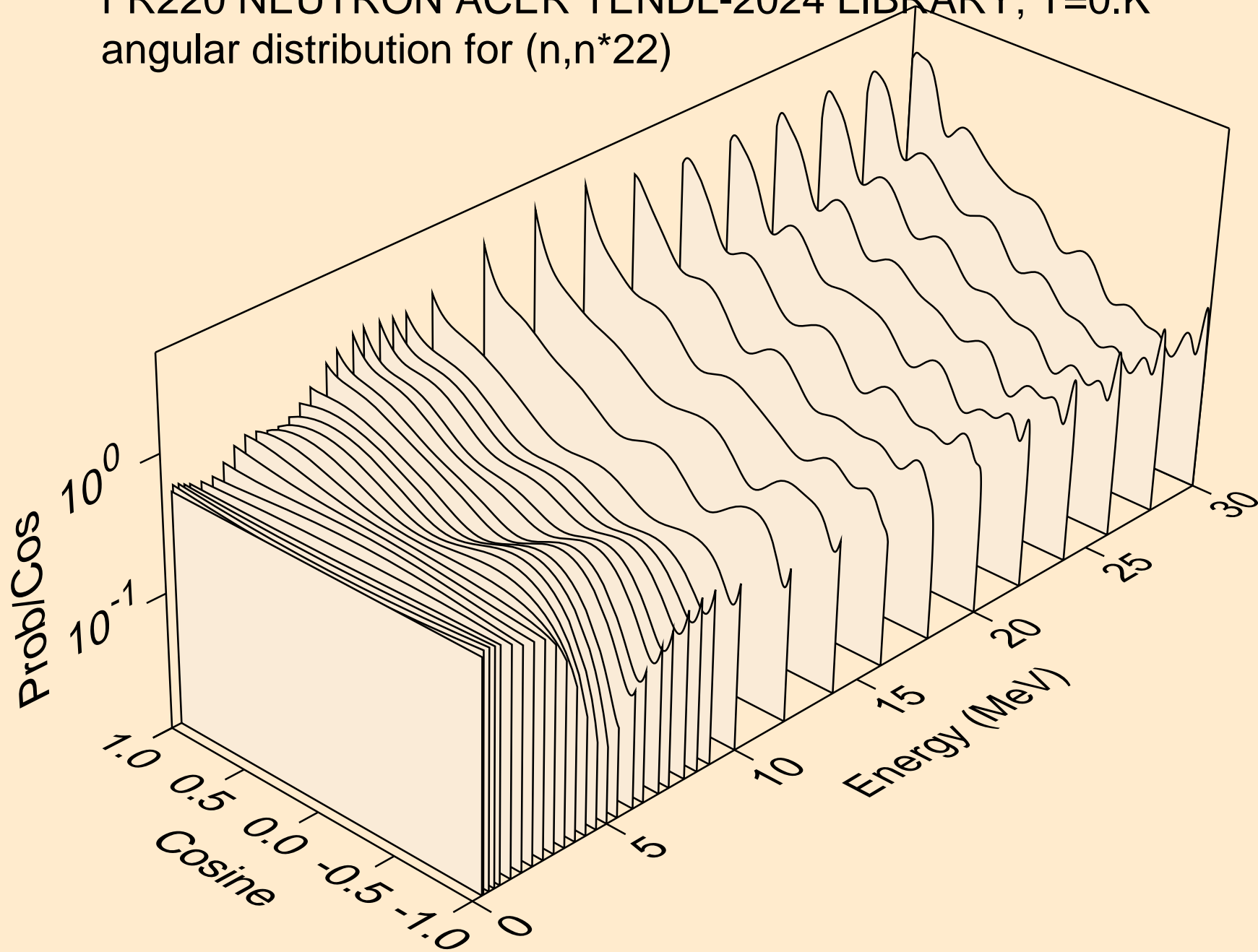
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angular distribution for (n,n*20)



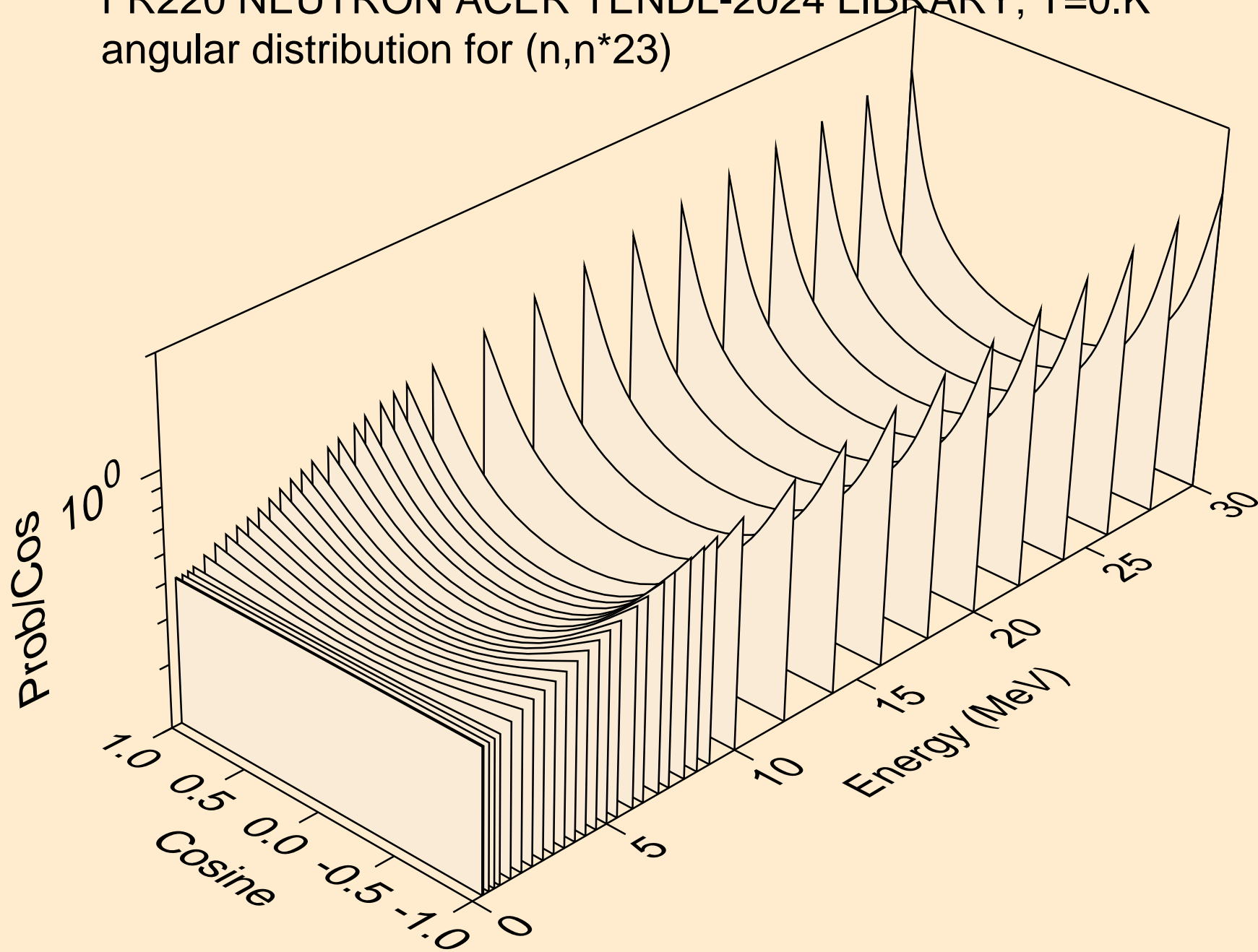
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angular distribution for (n,n*21)



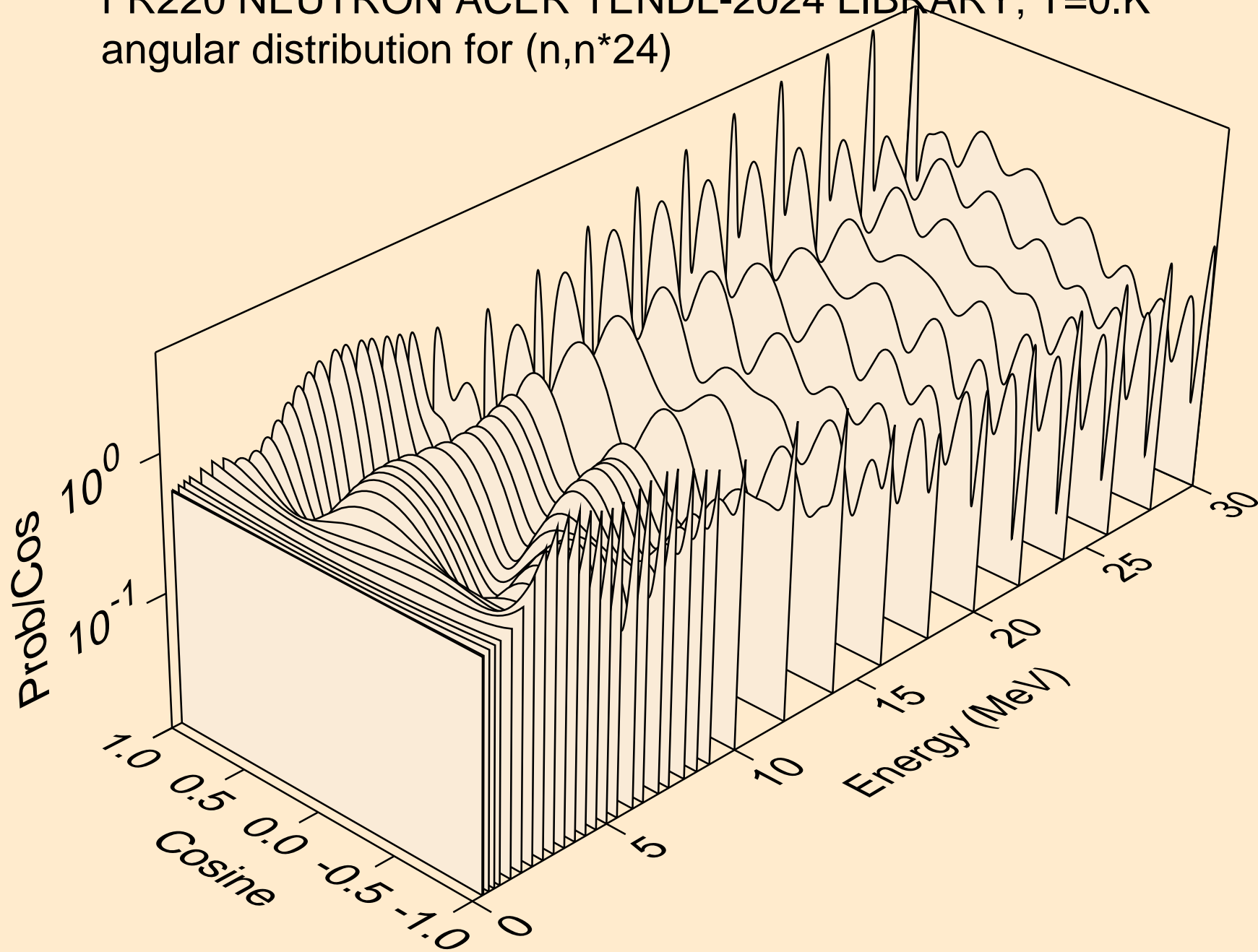
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angular distribution for (n,n*22)



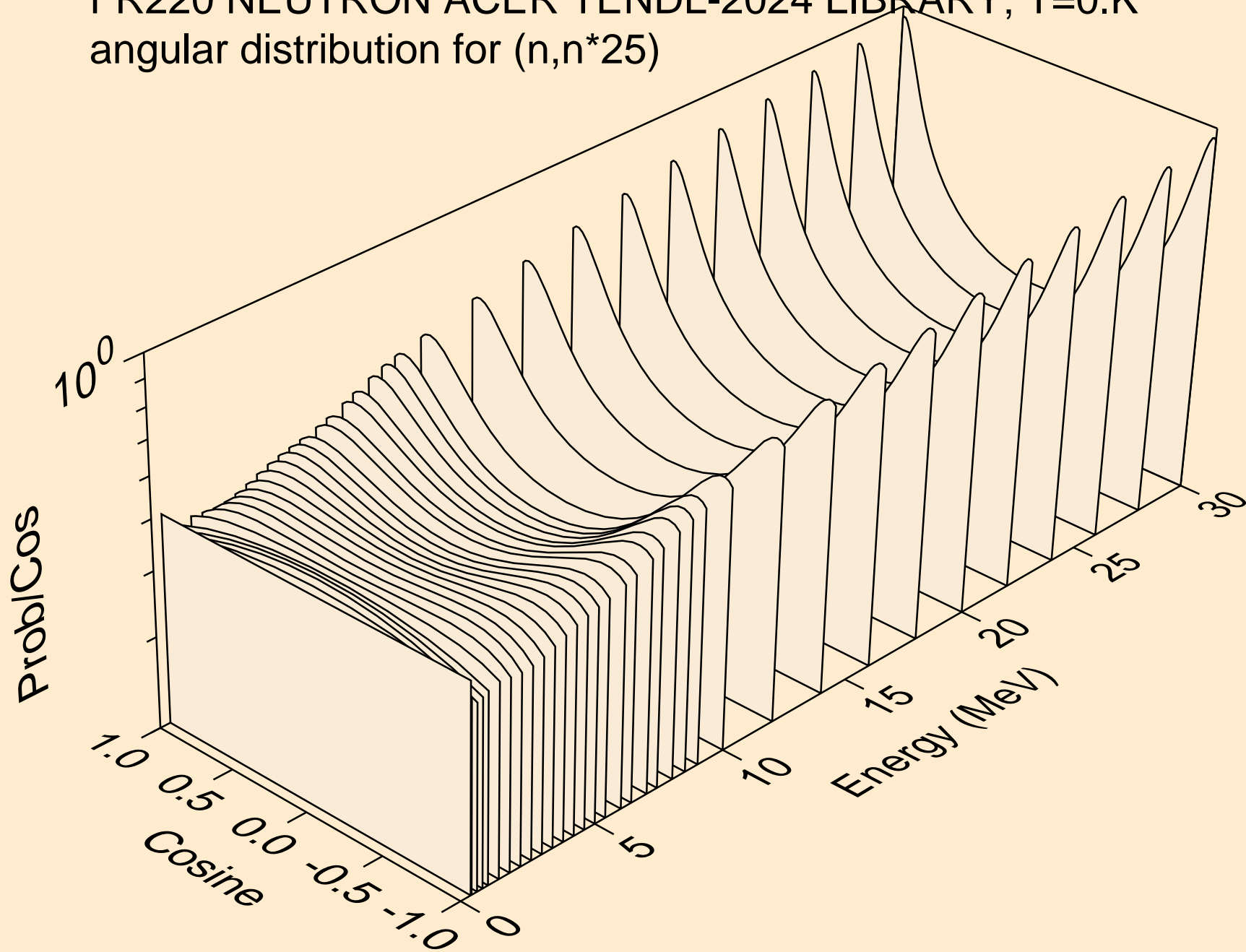
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angular distribution for (n,n*23)



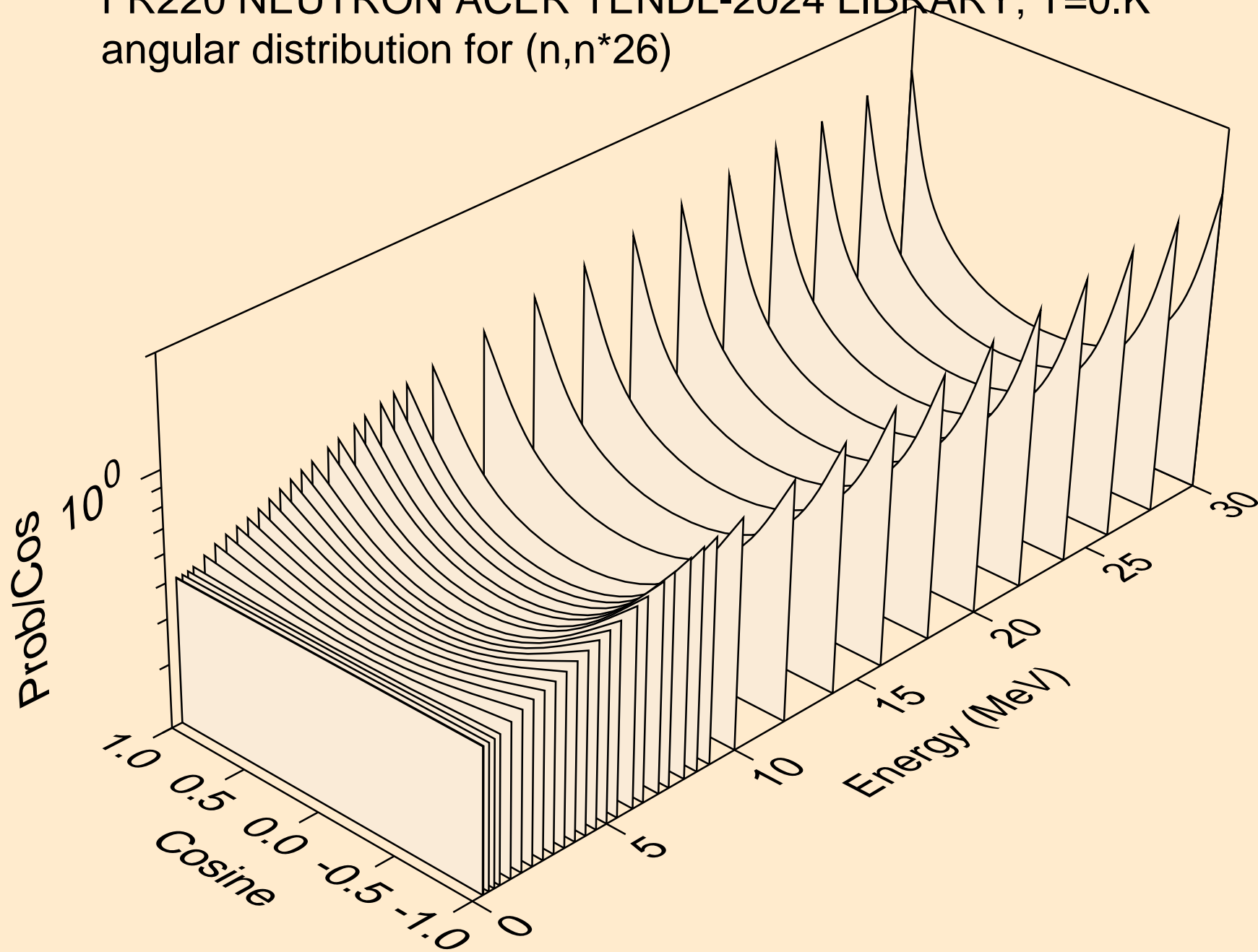
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angular distribution for (n,n*24)



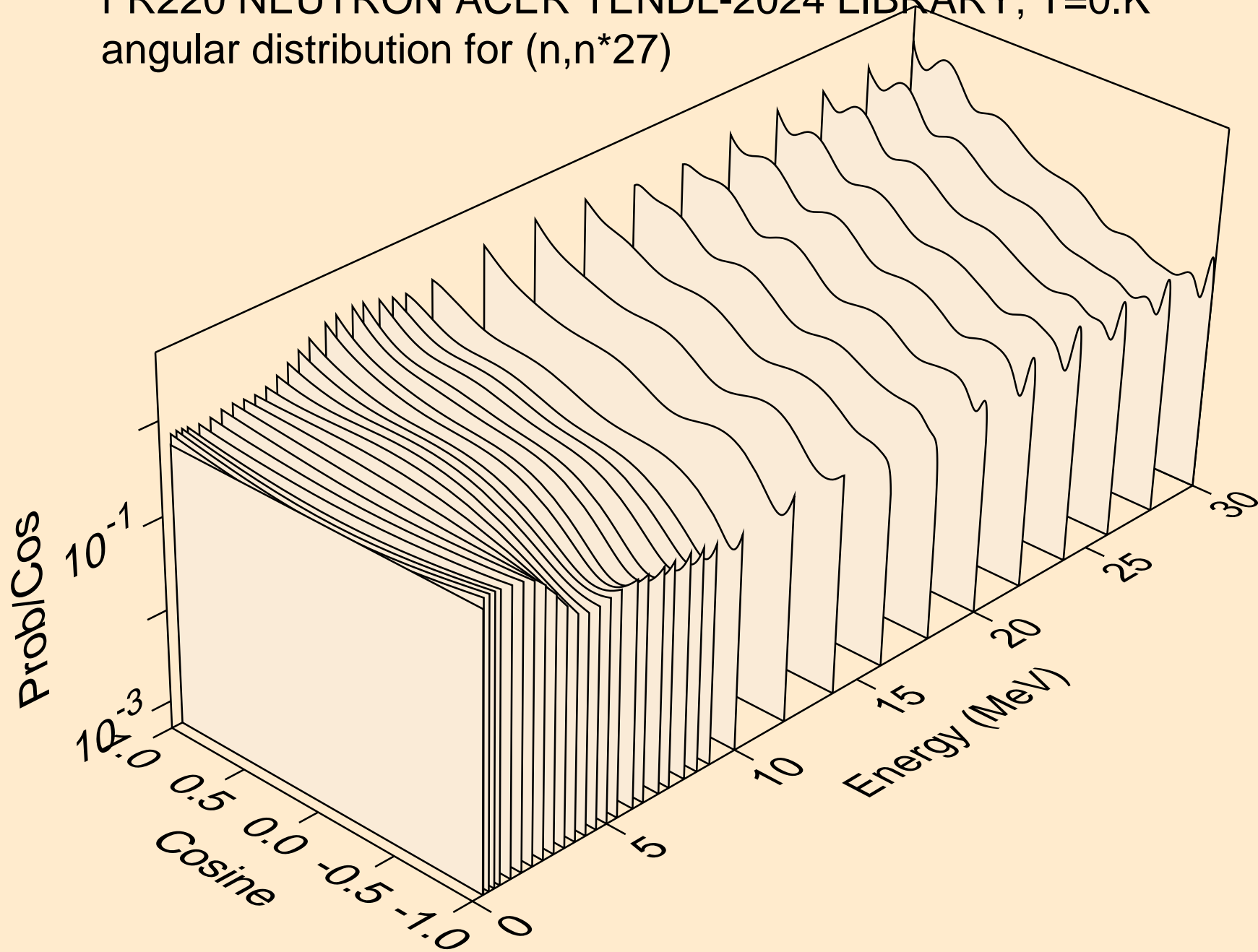
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angular distribution for (n,n*25)



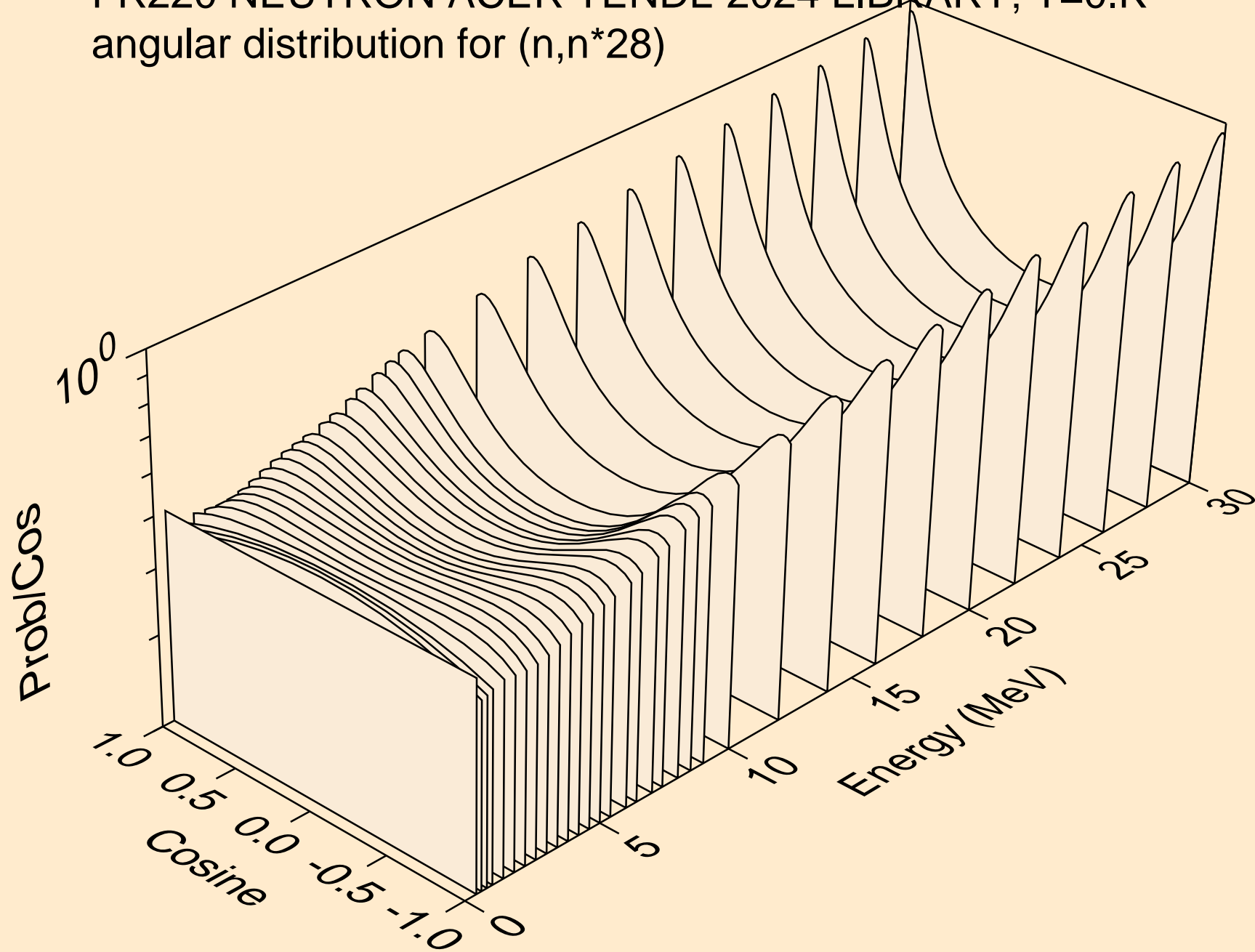
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*26)



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*27)

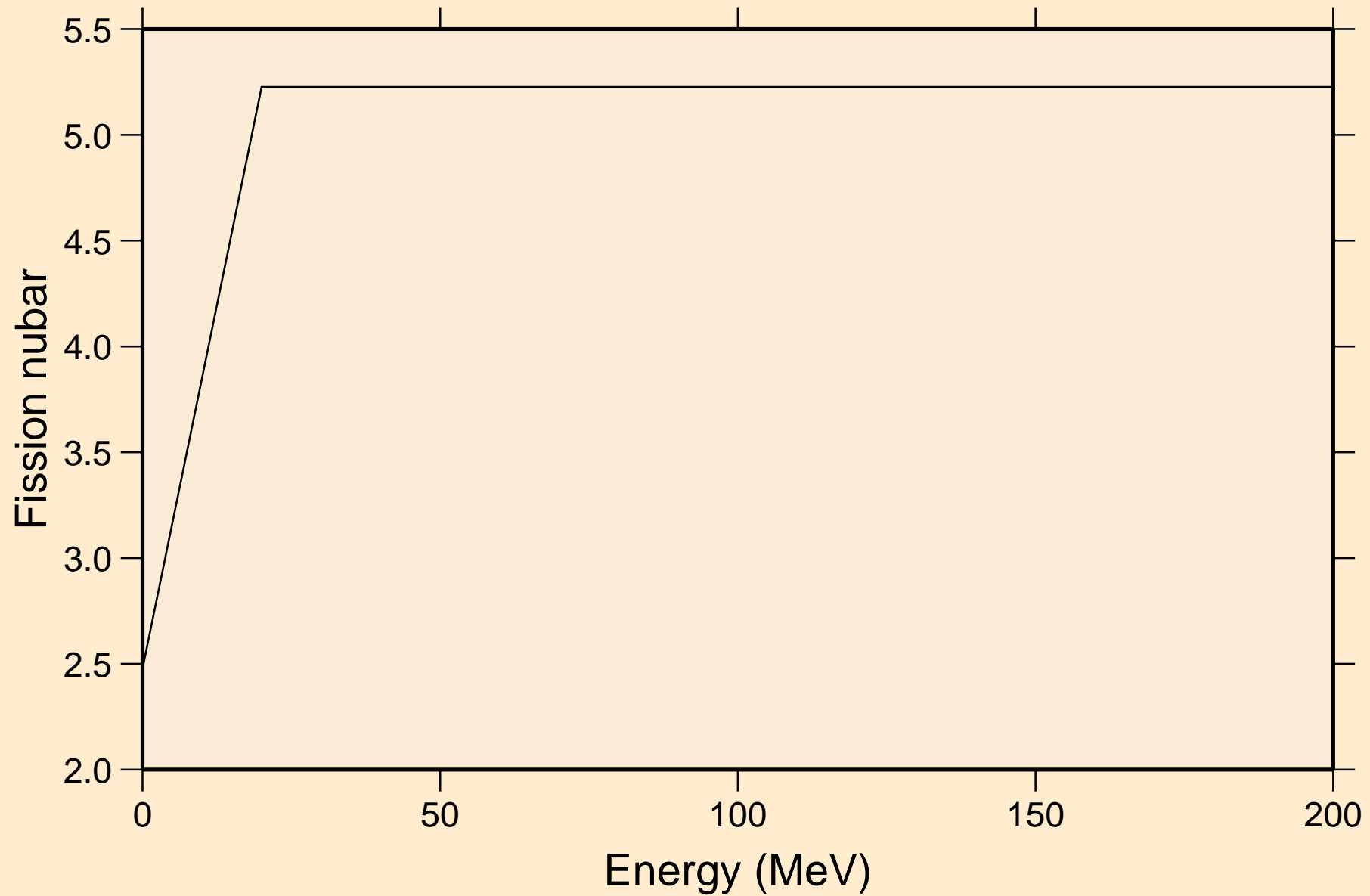


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*28)

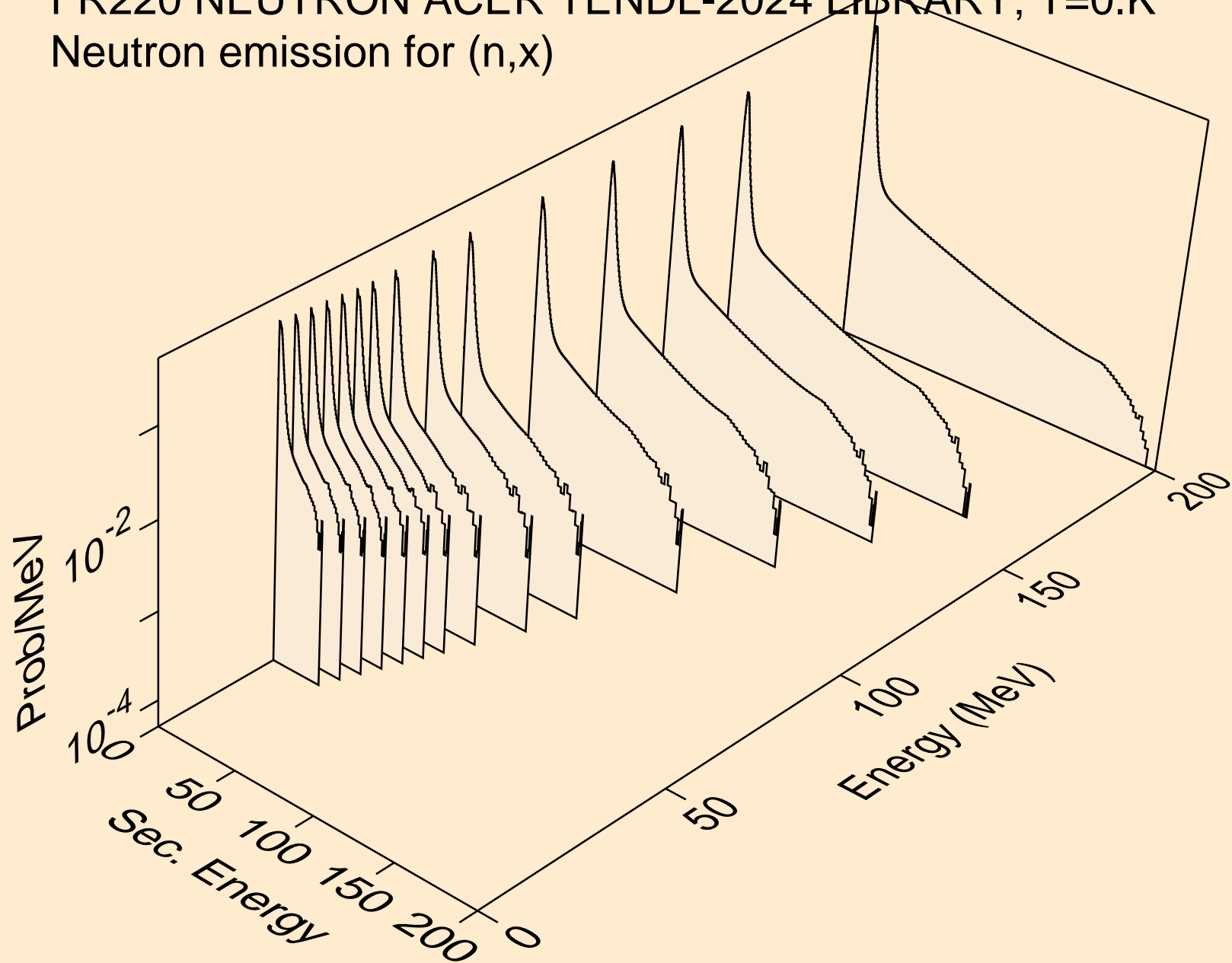


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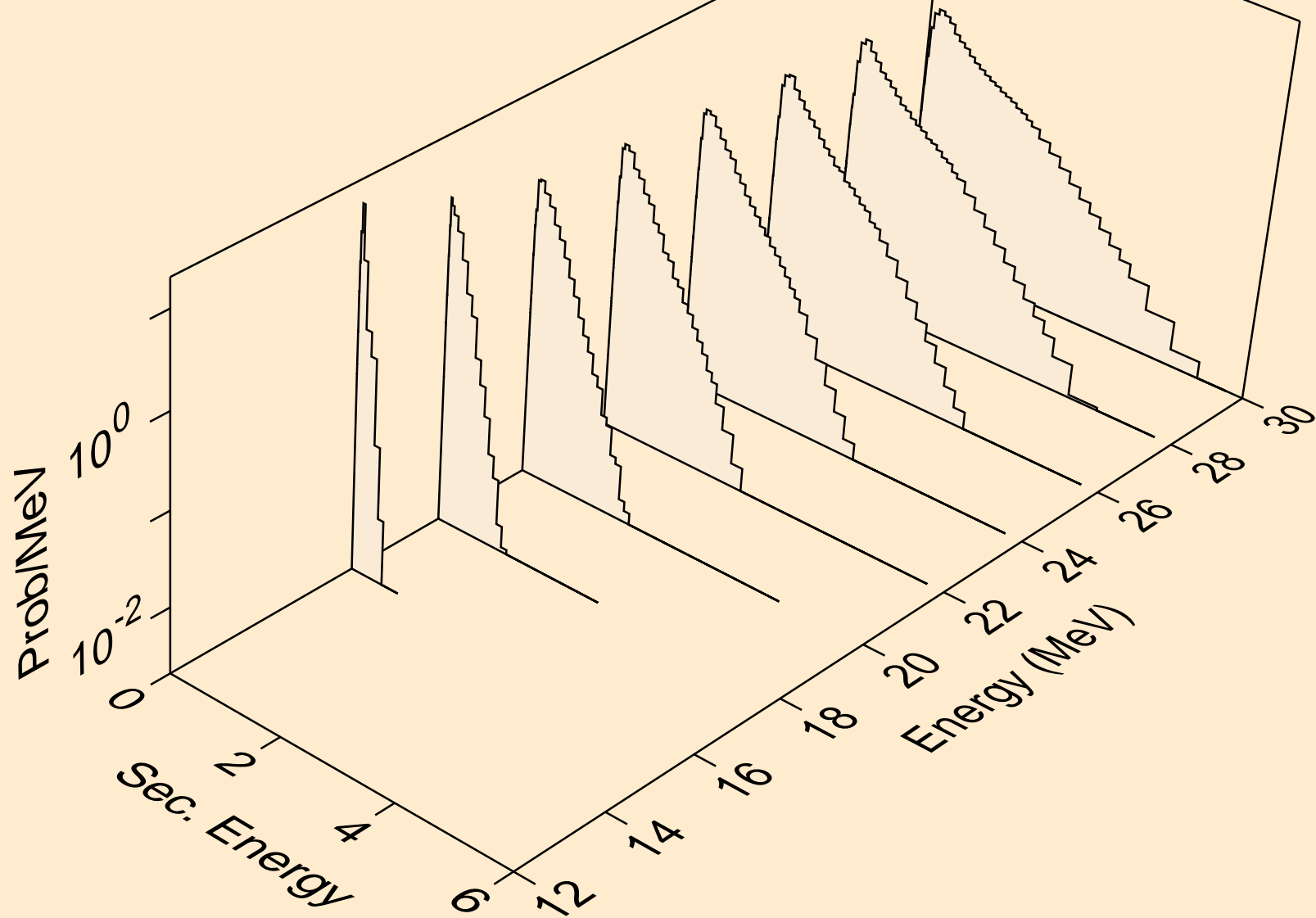
Total fission nubar



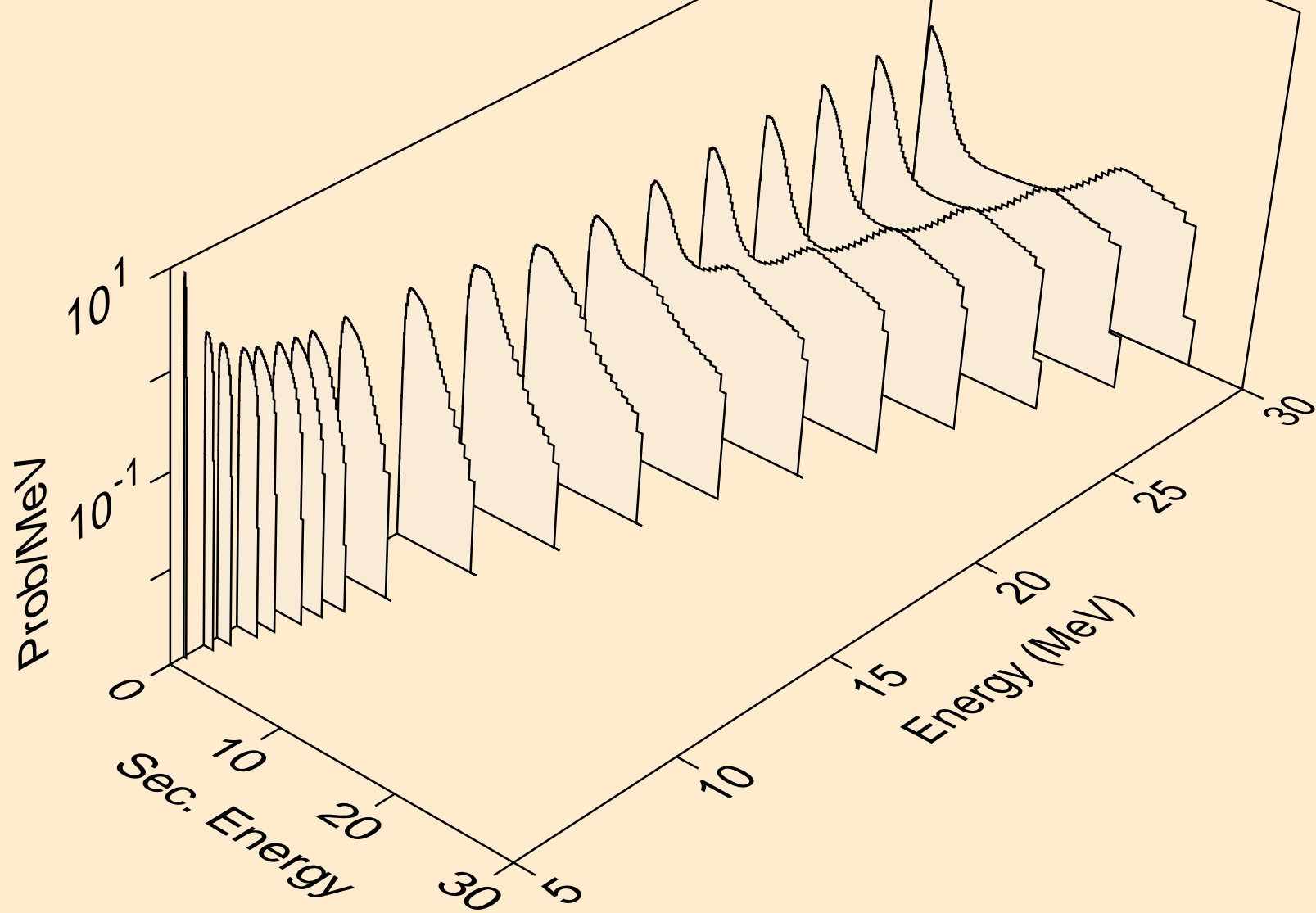
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



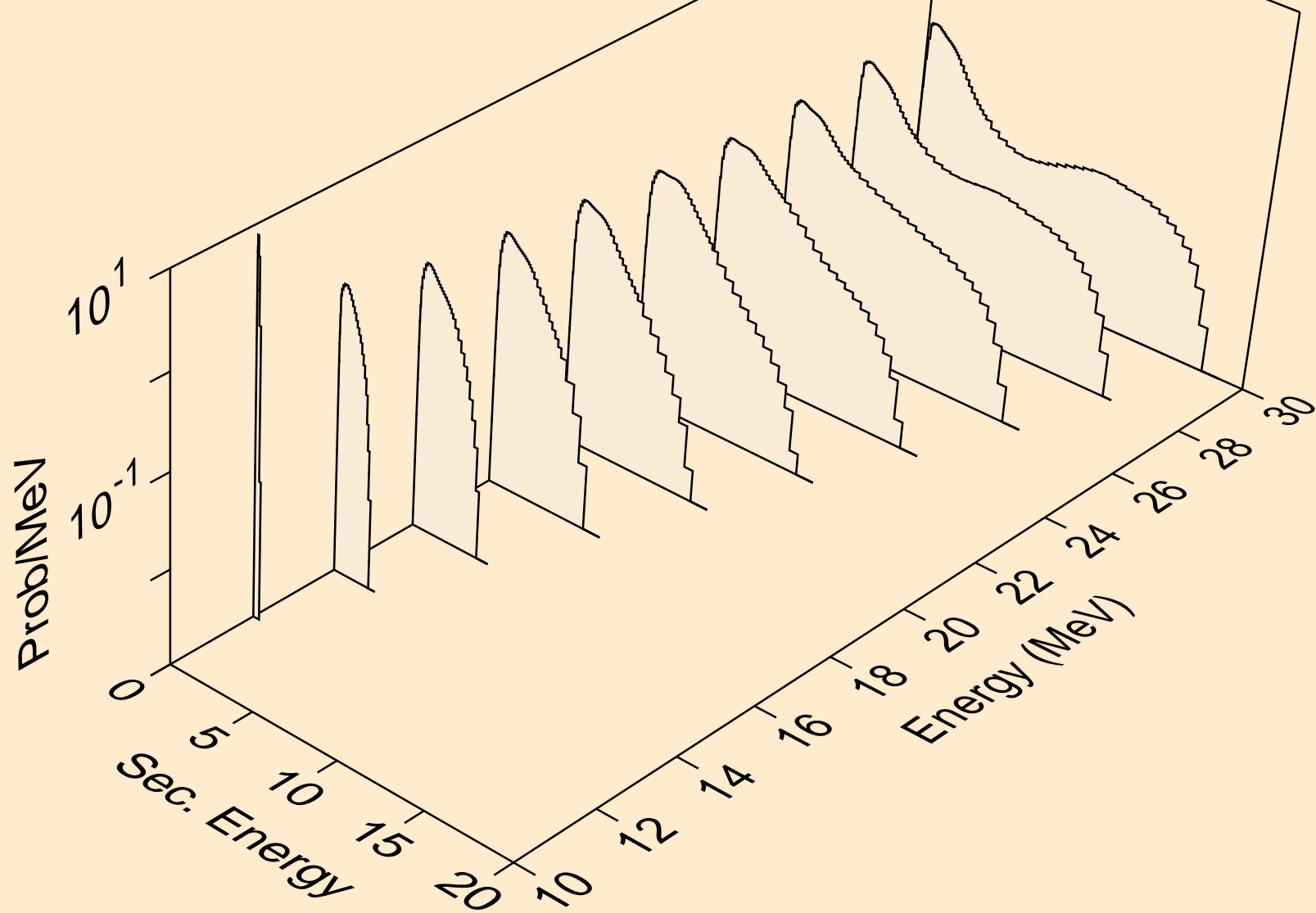
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



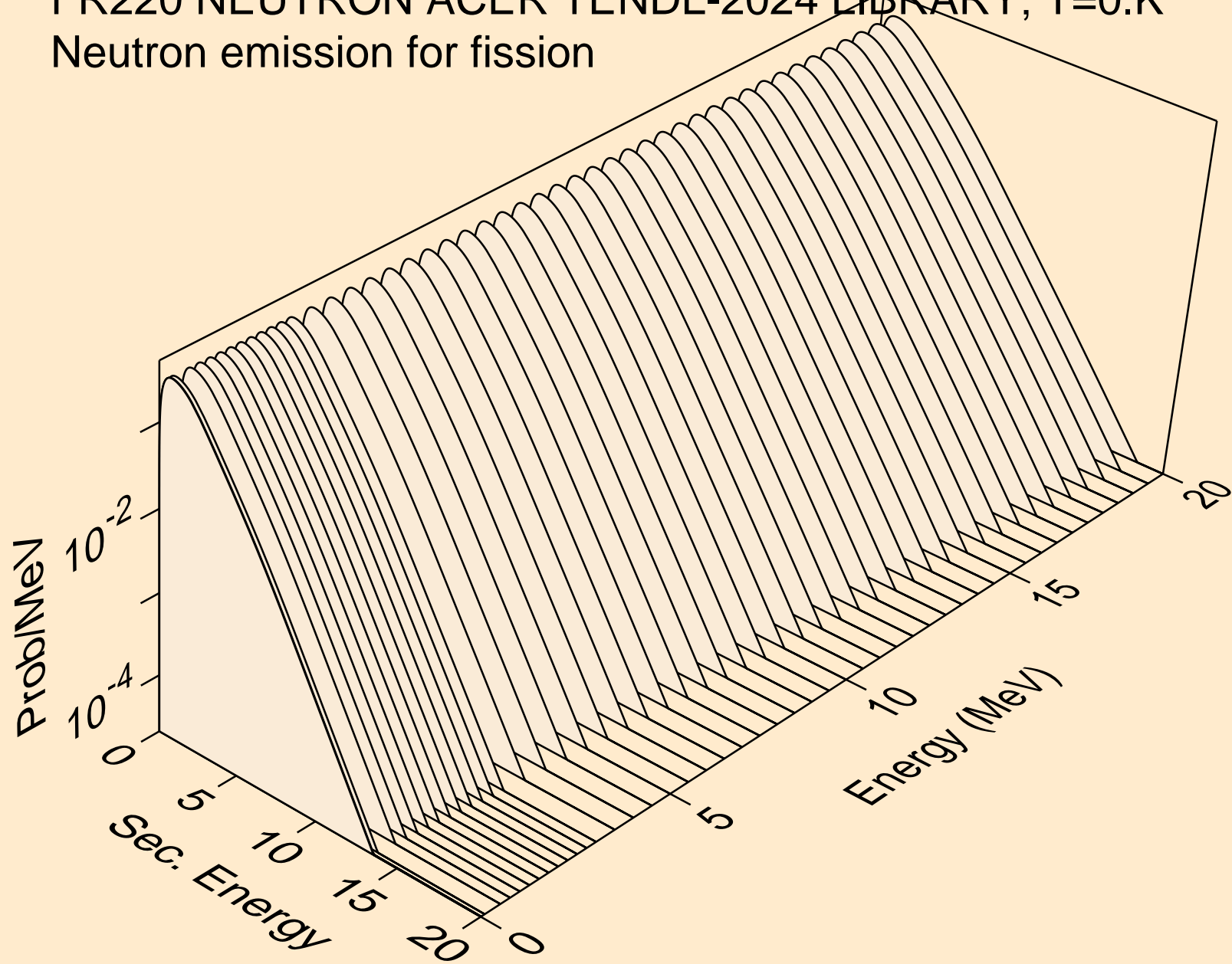
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



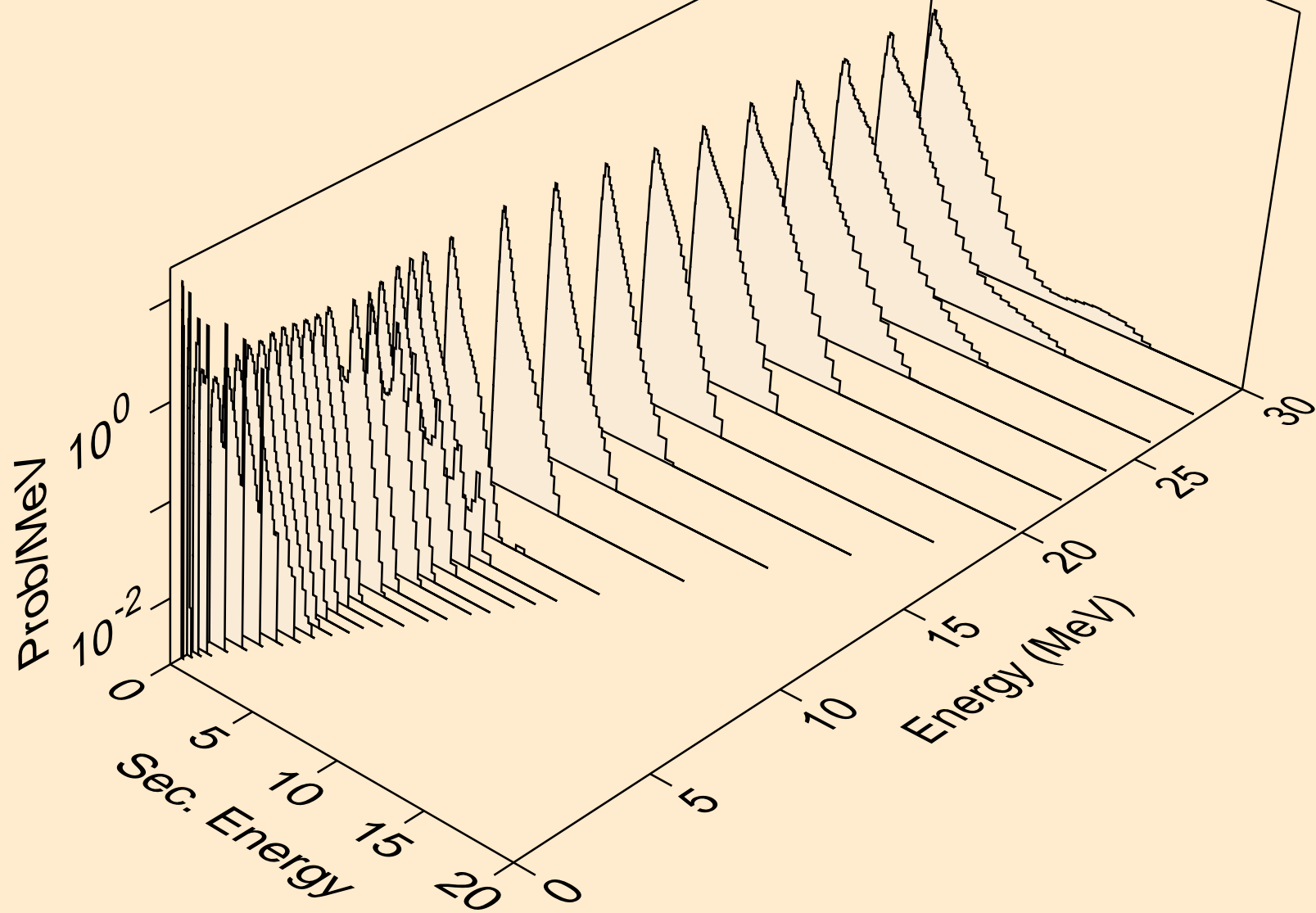
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



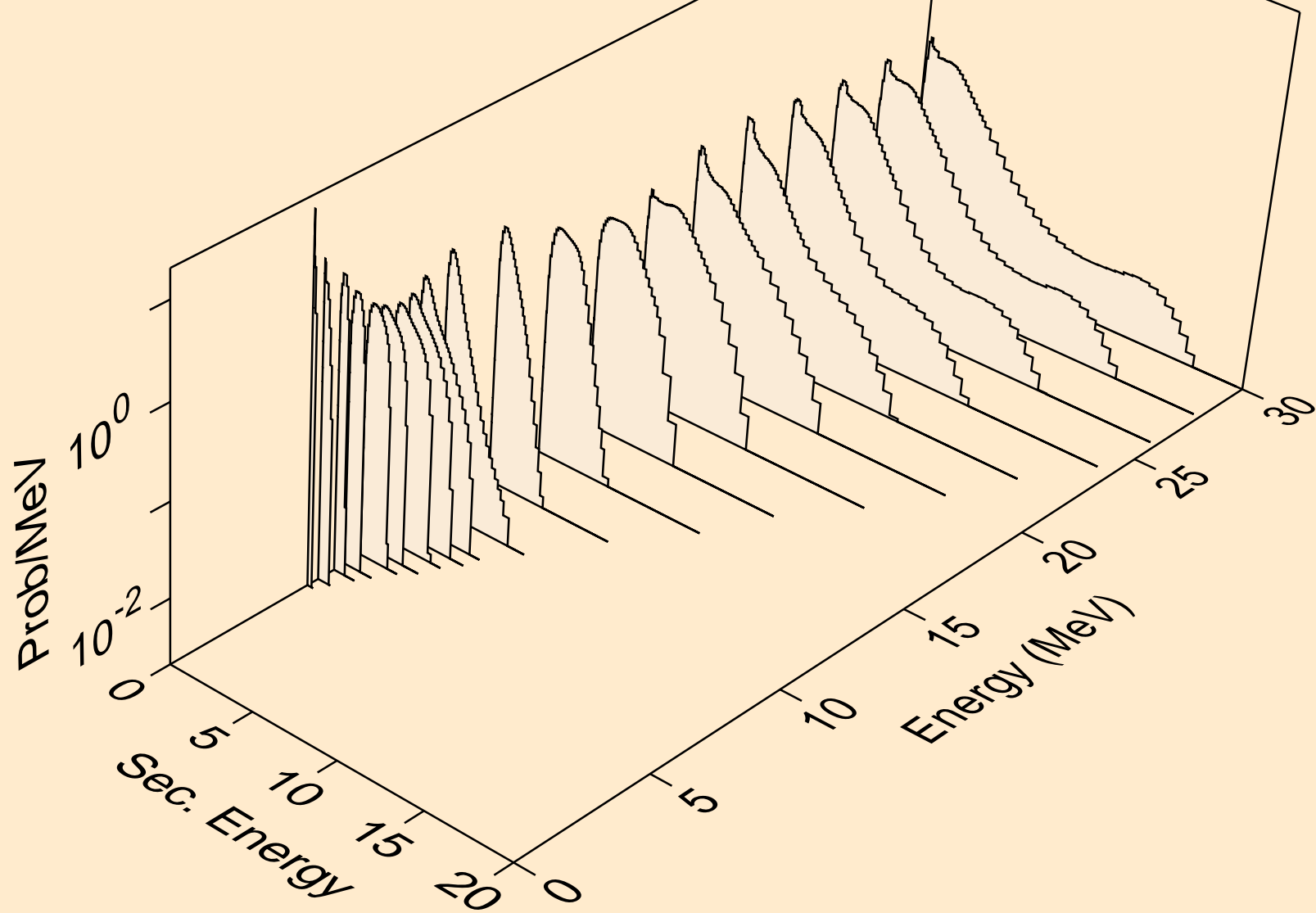
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for fission



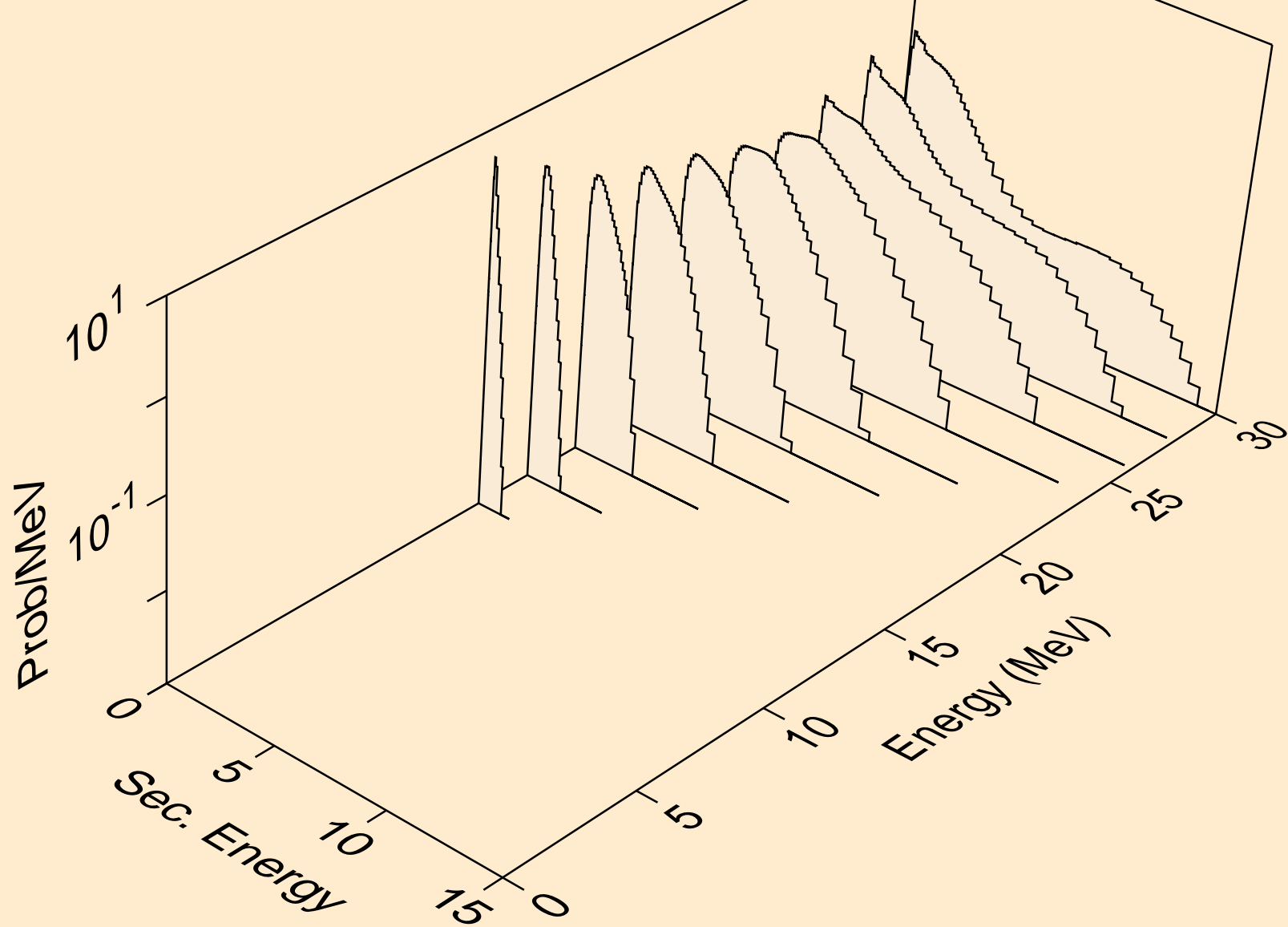
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



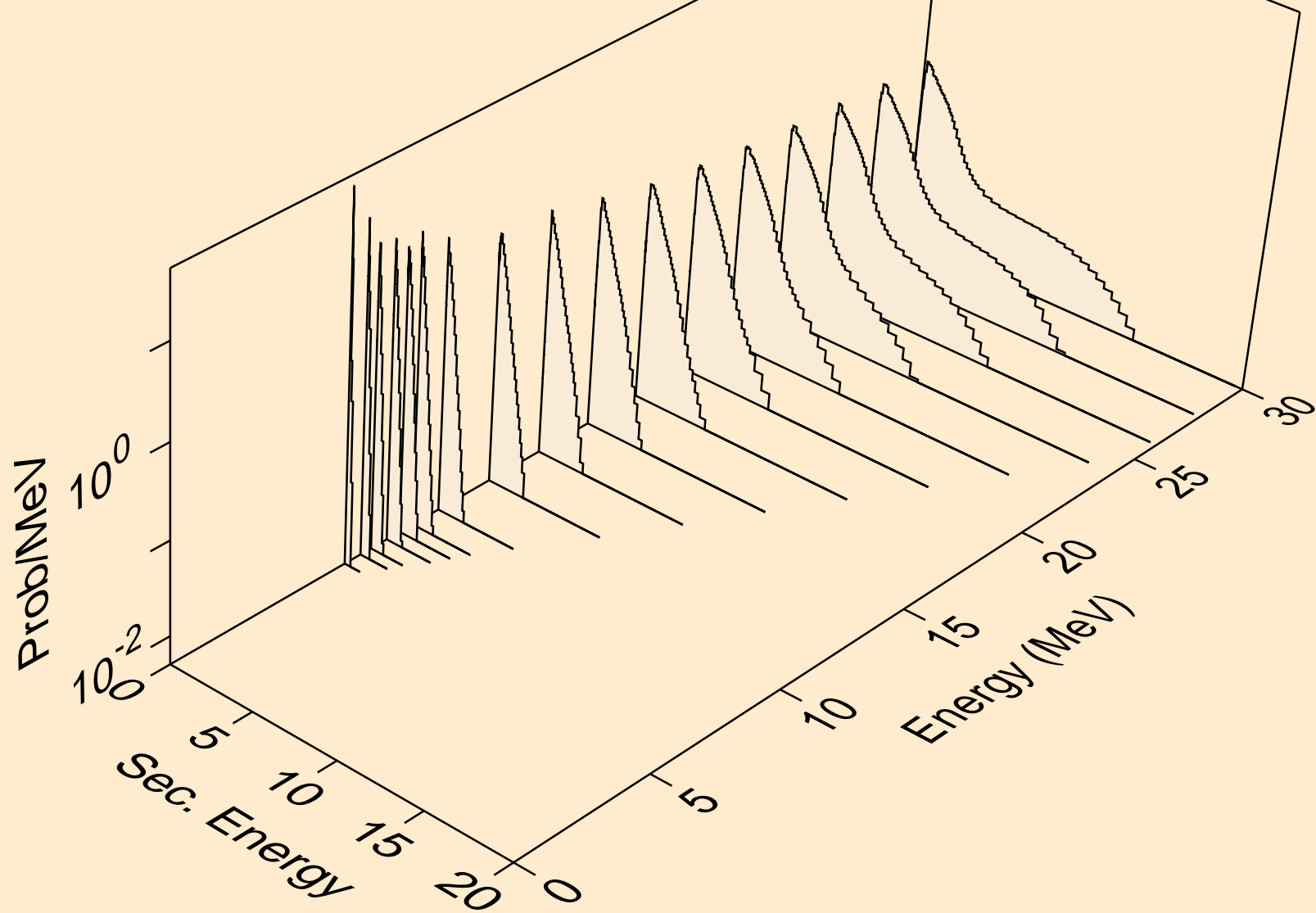
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)a



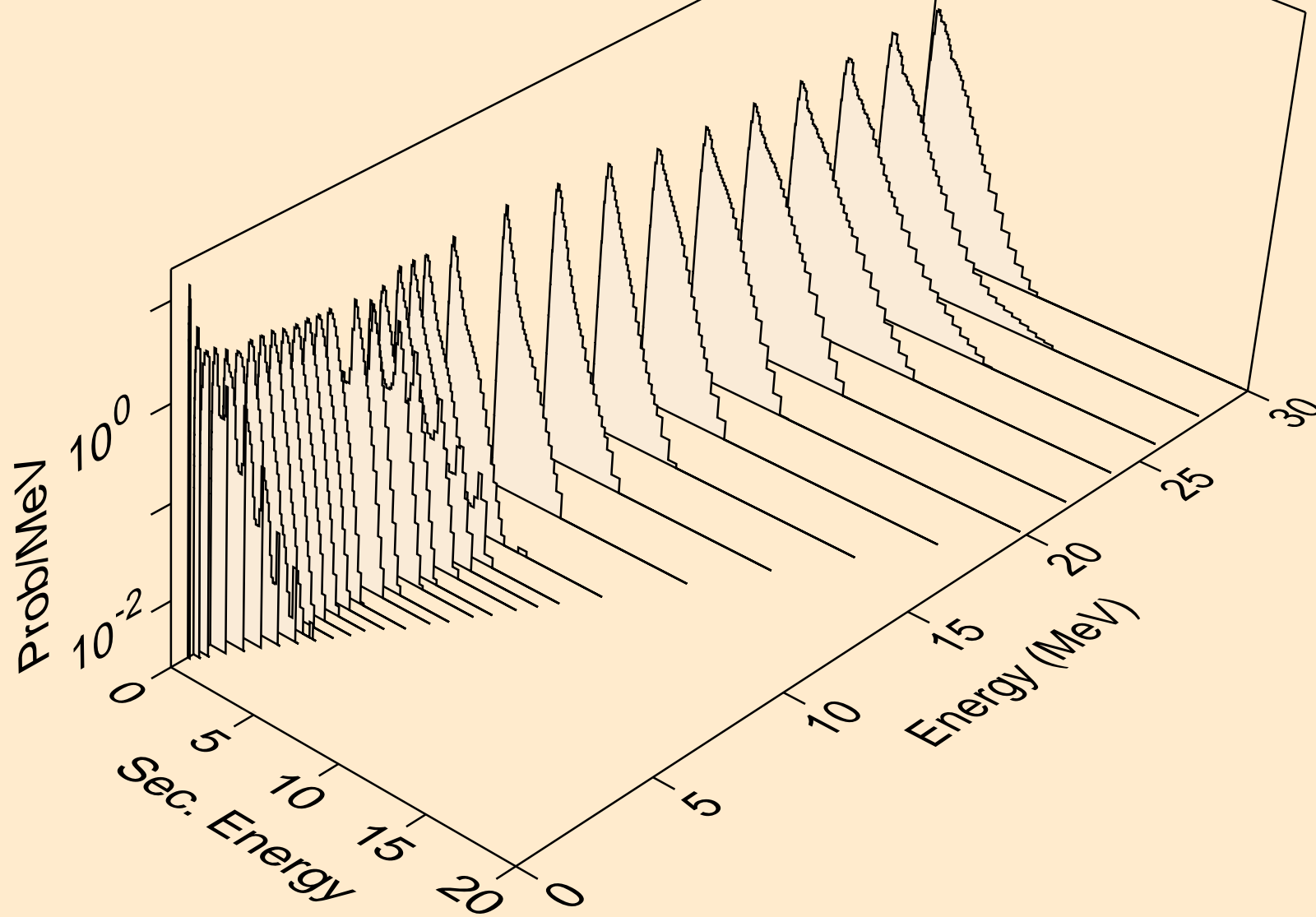
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



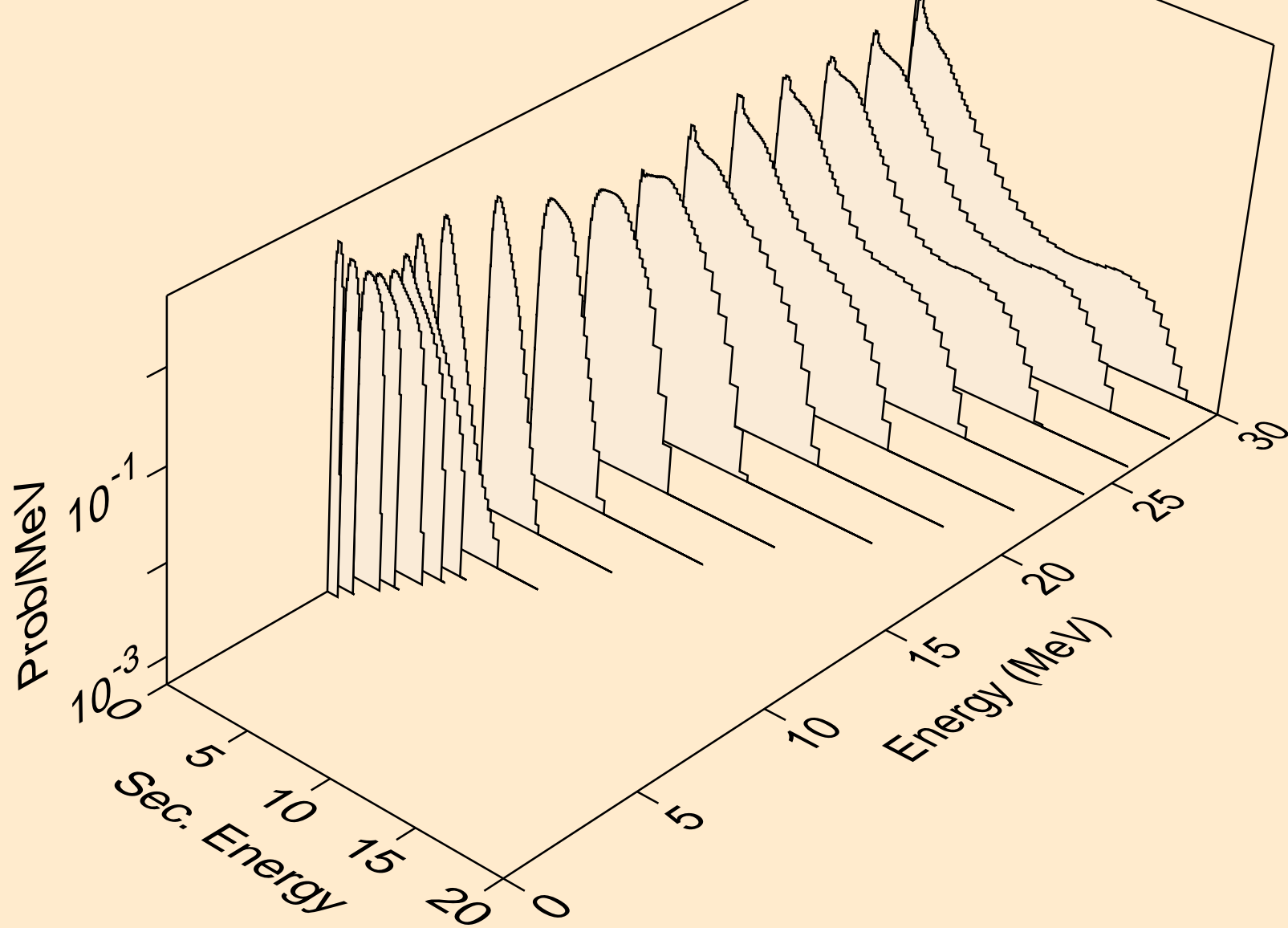
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



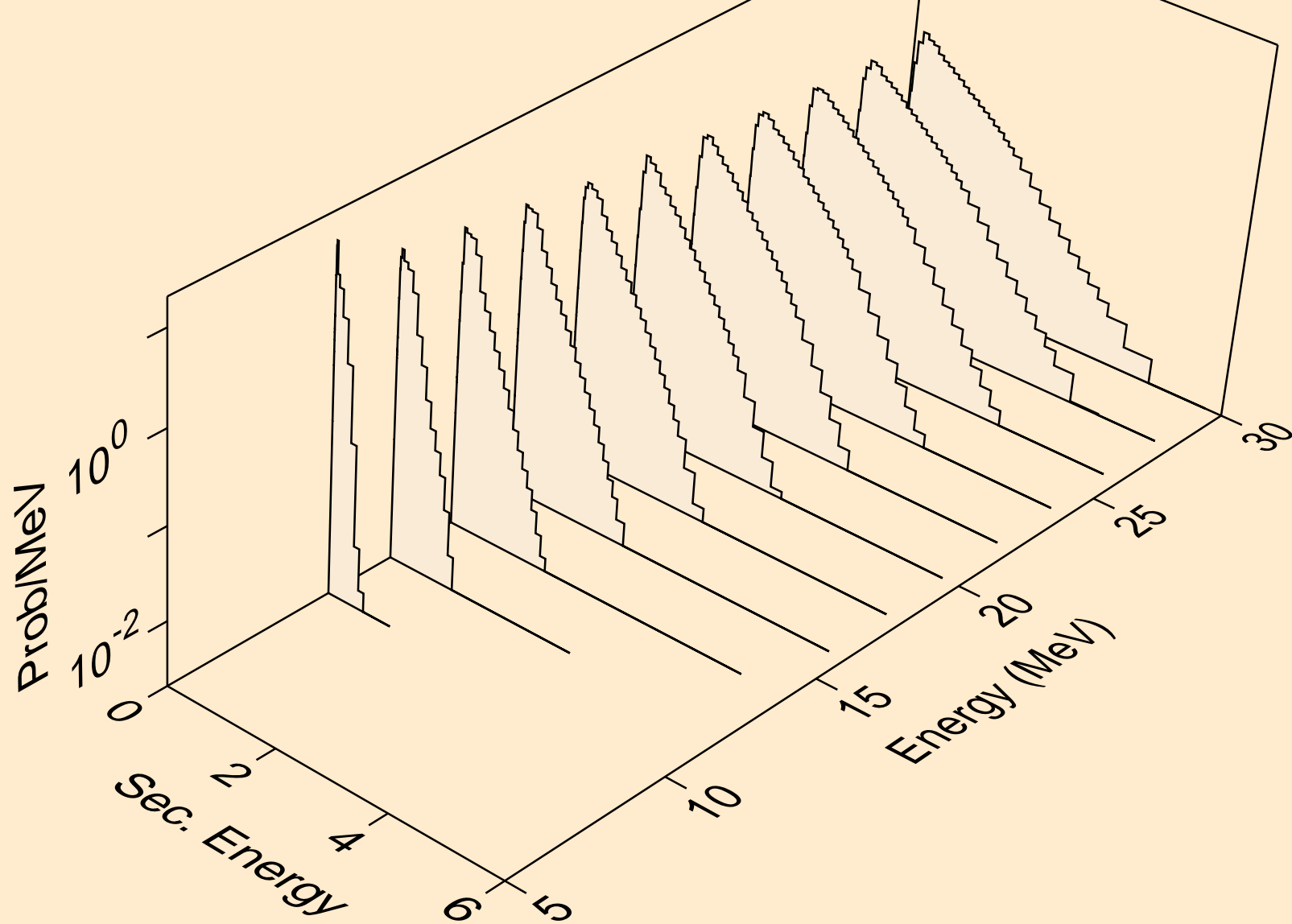
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Neutron emission for (n,n*)2a



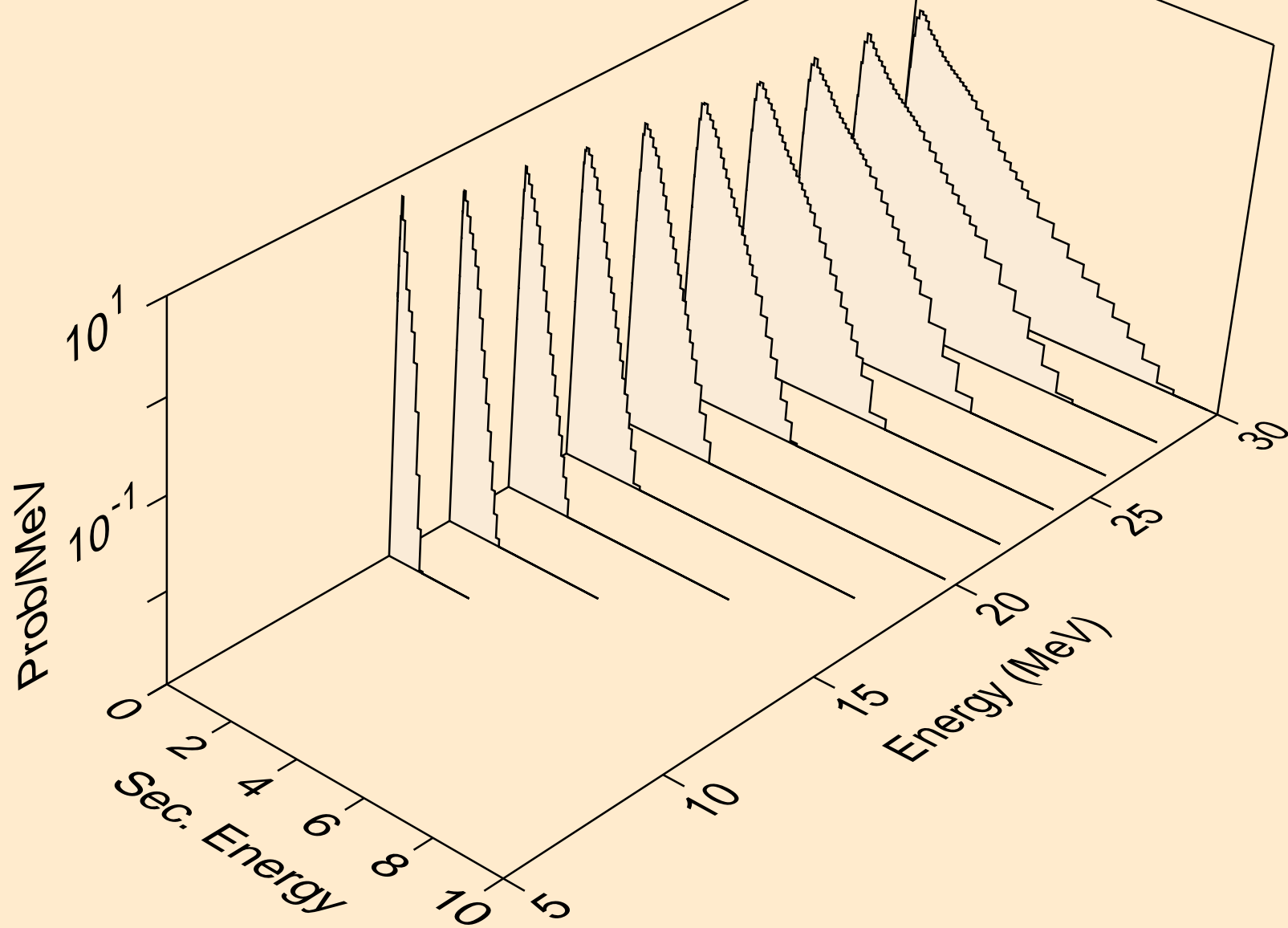
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



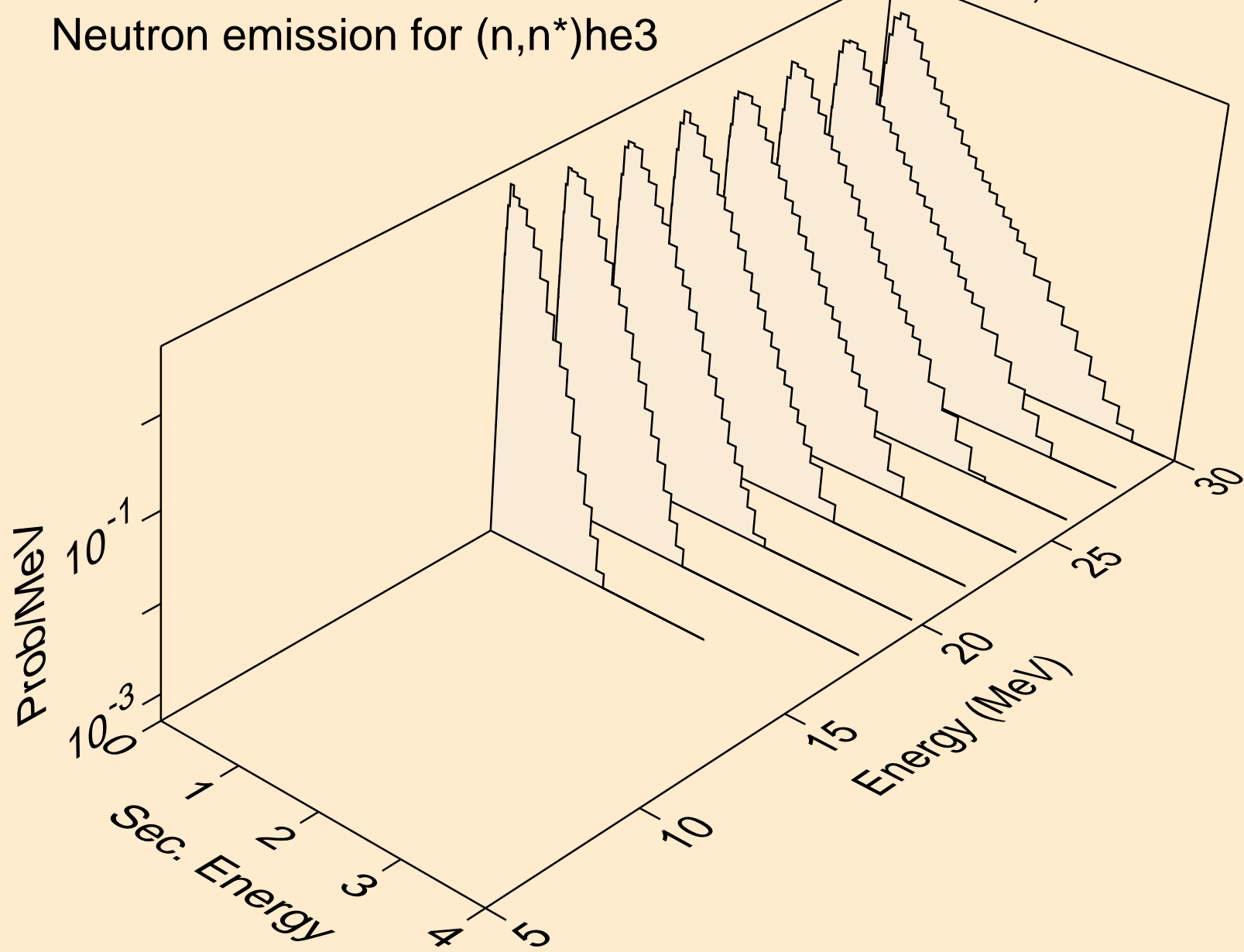
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



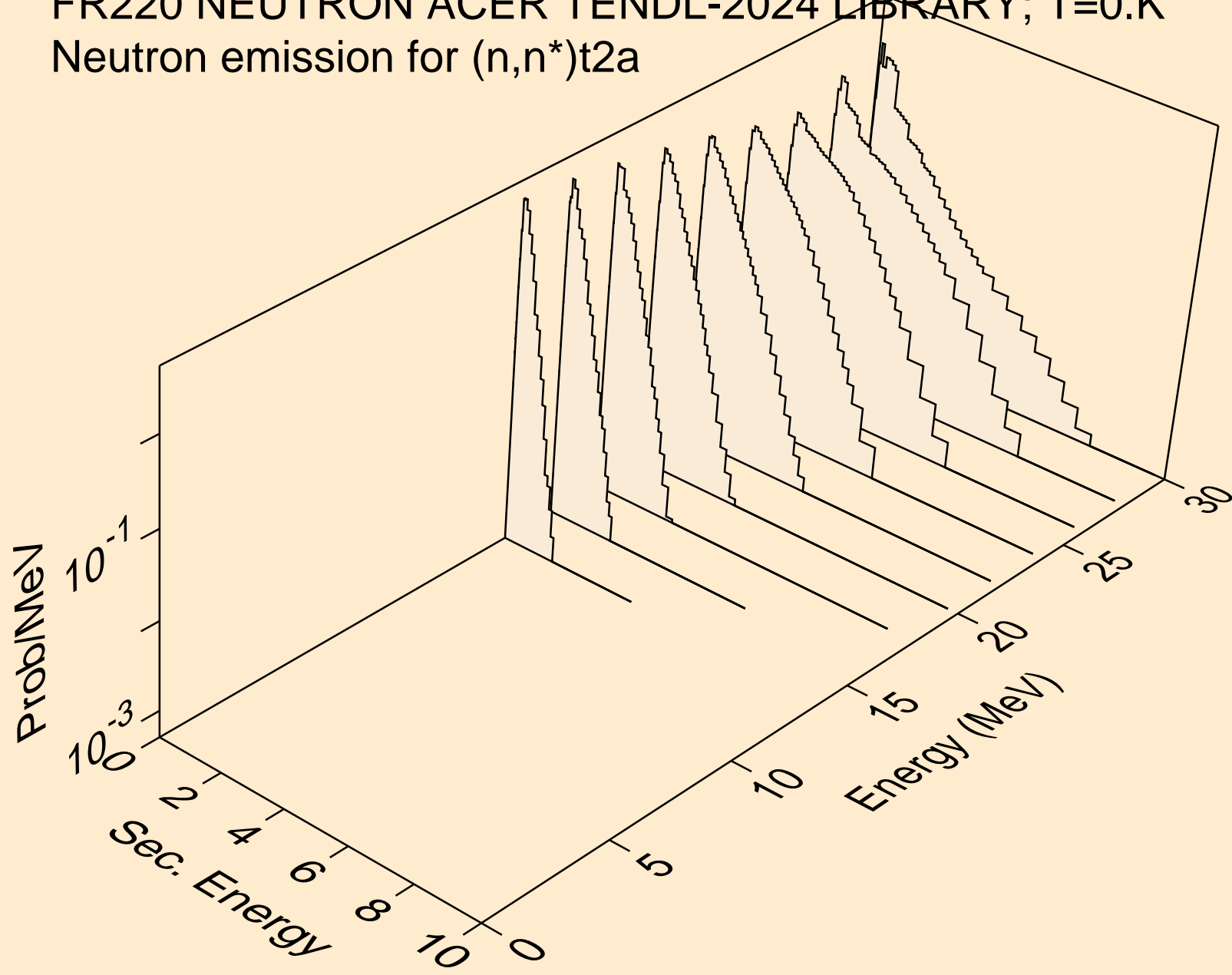
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



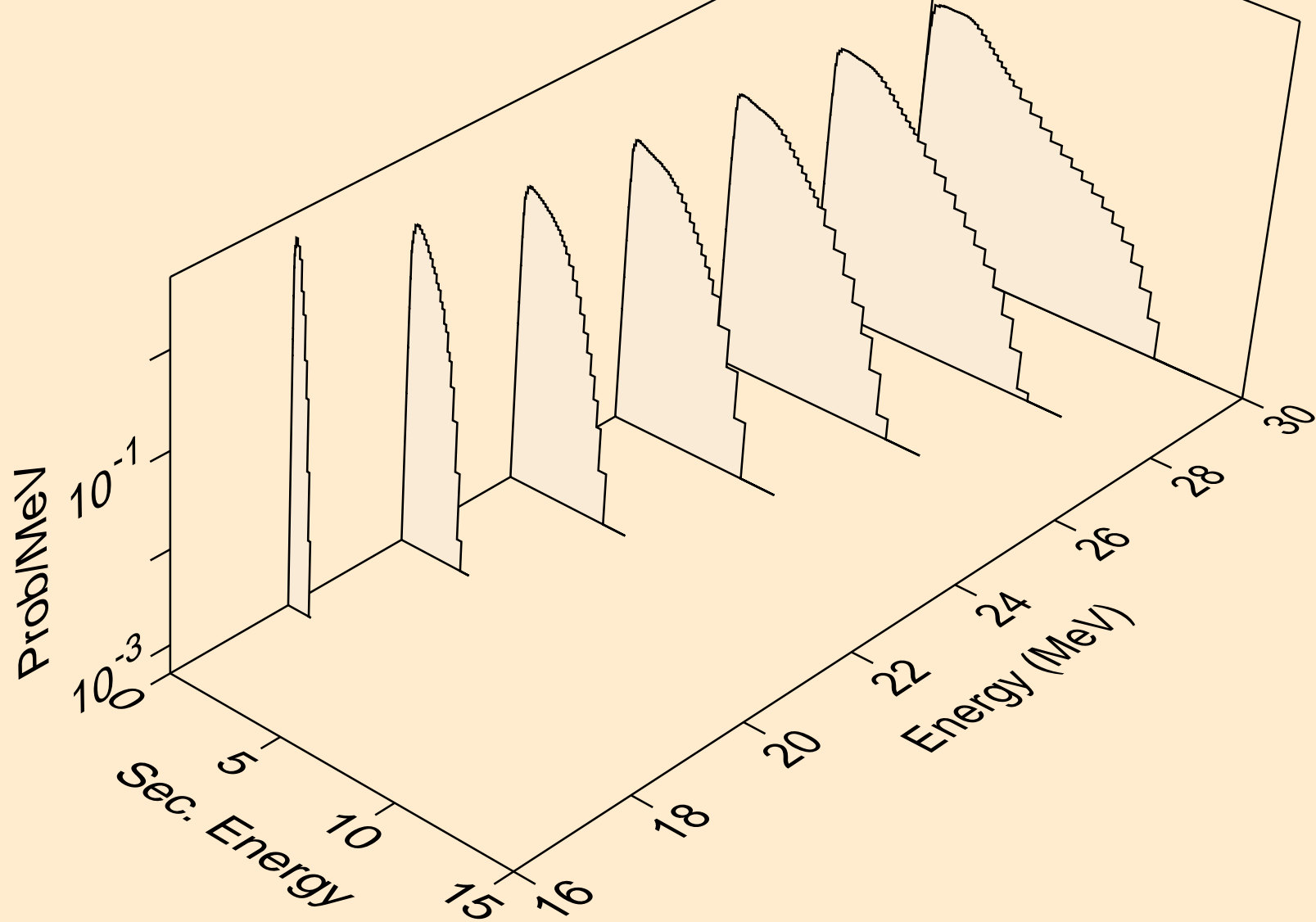
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



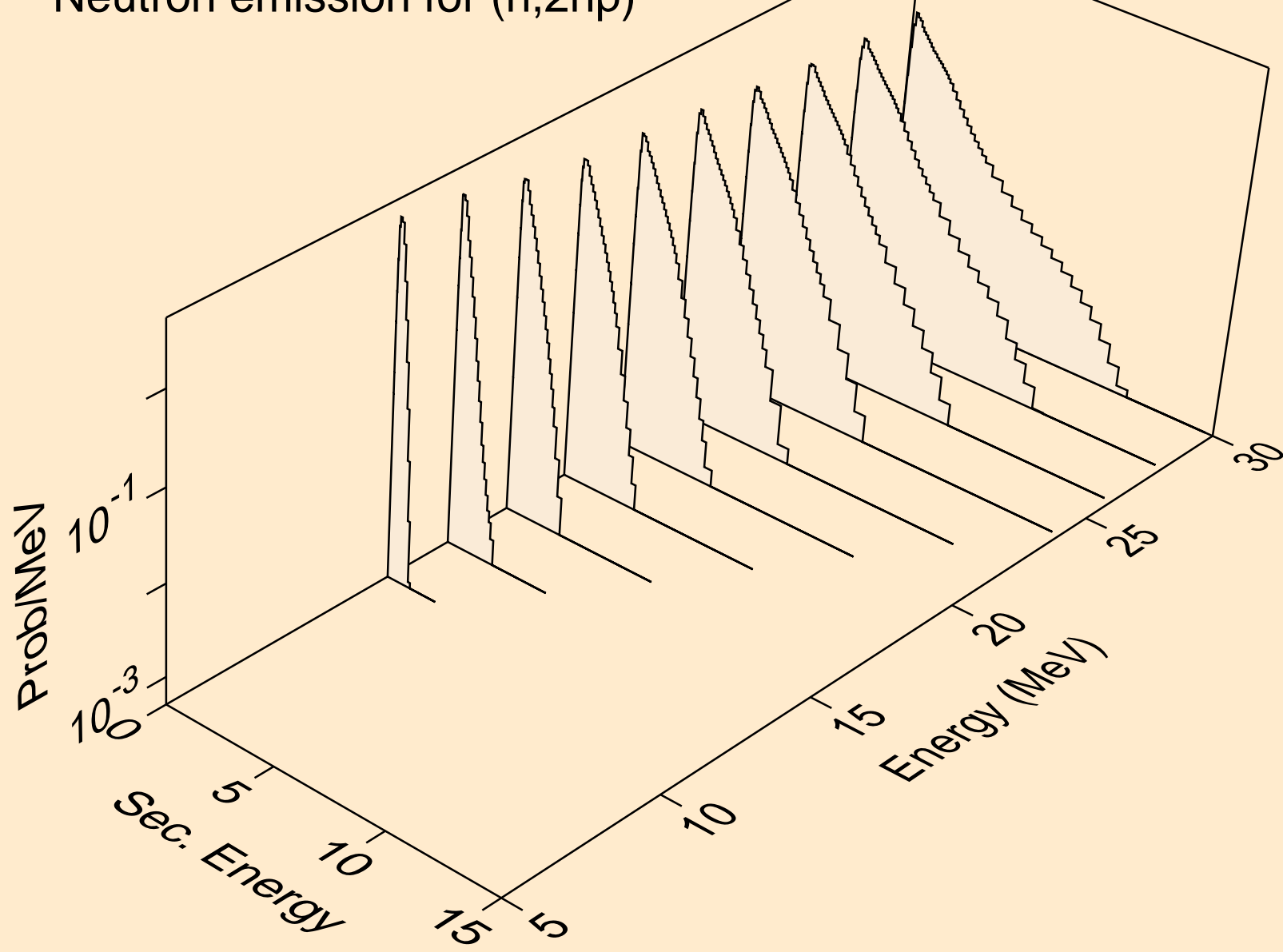
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t2a



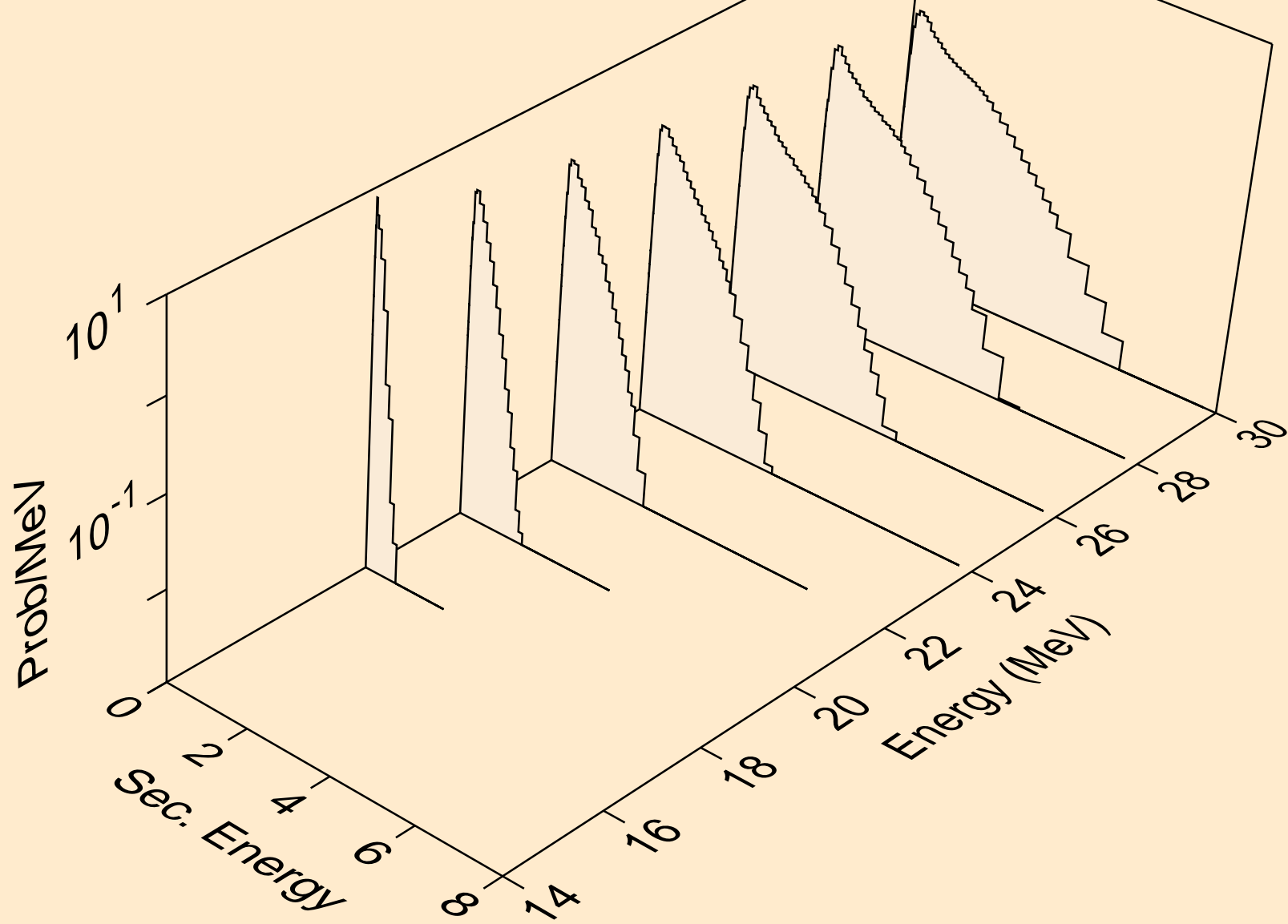
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,4n)



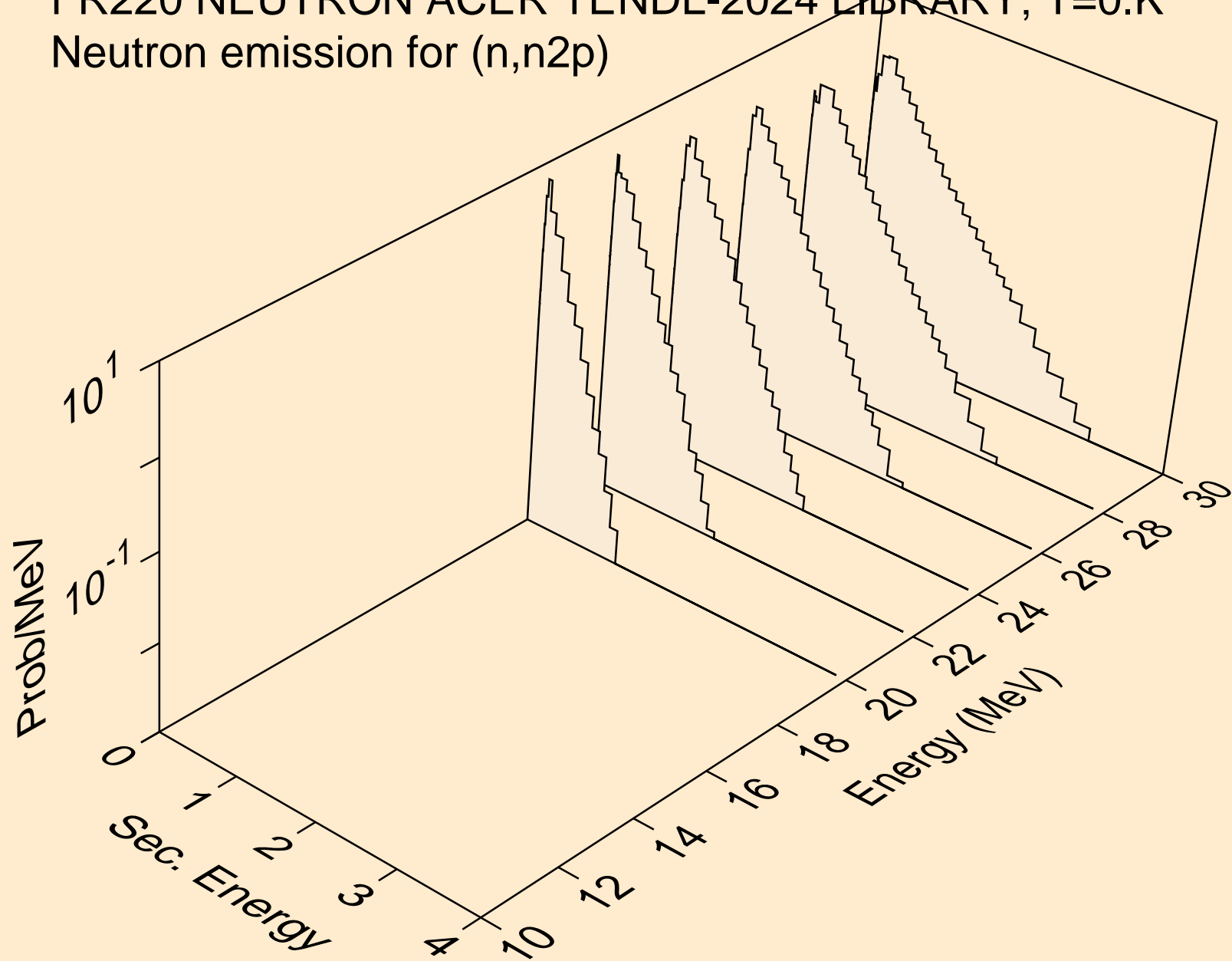
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



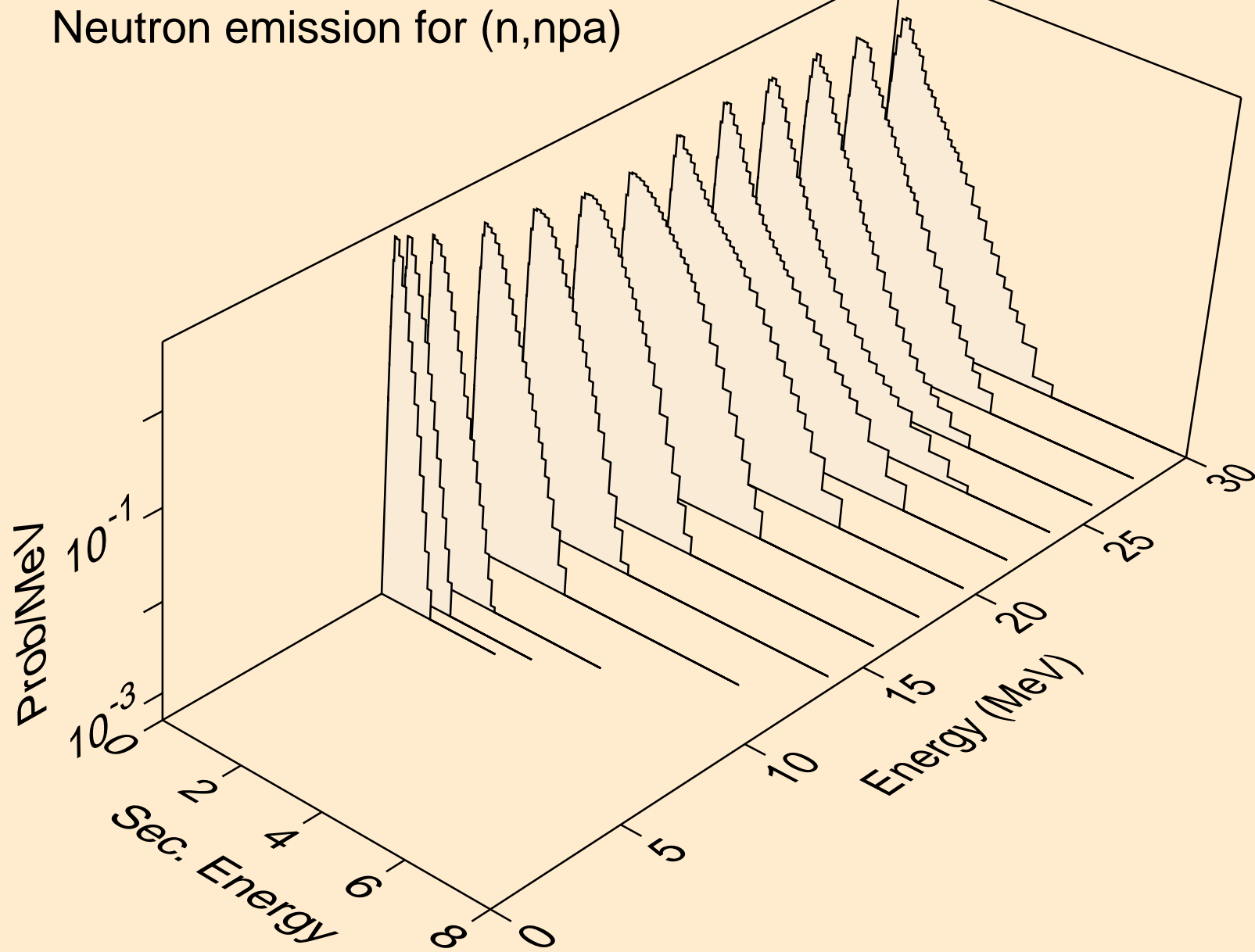
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



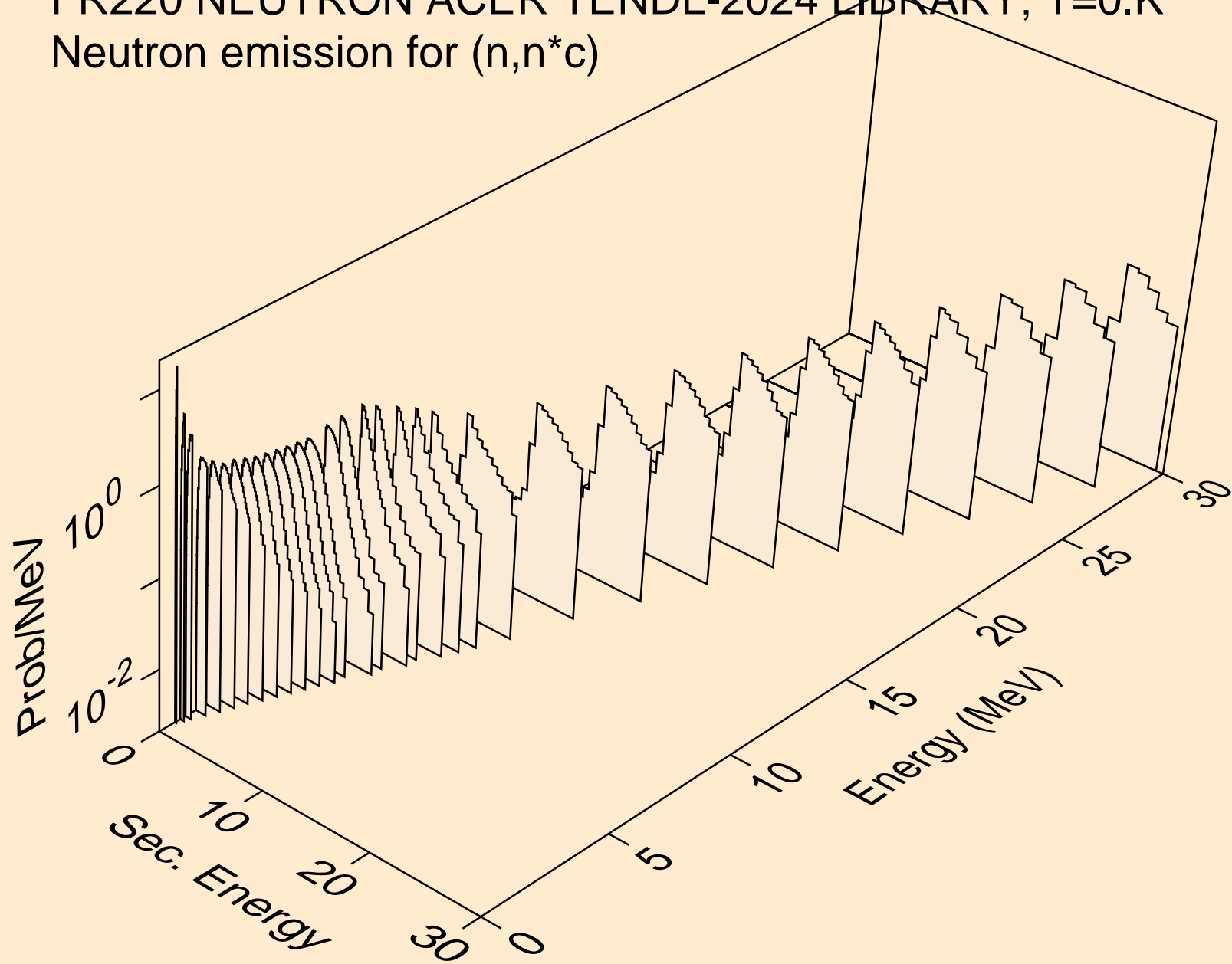
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)

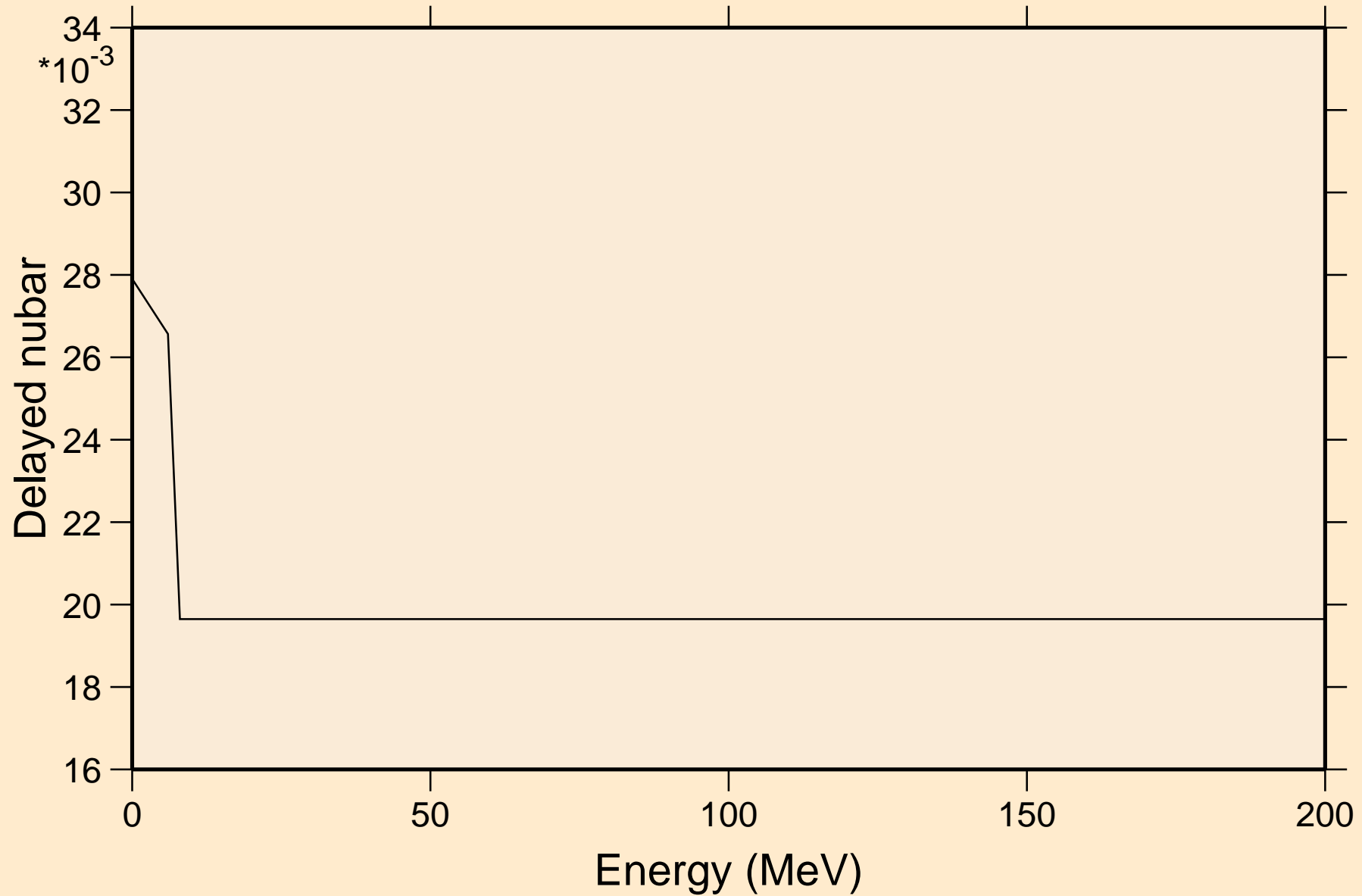


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



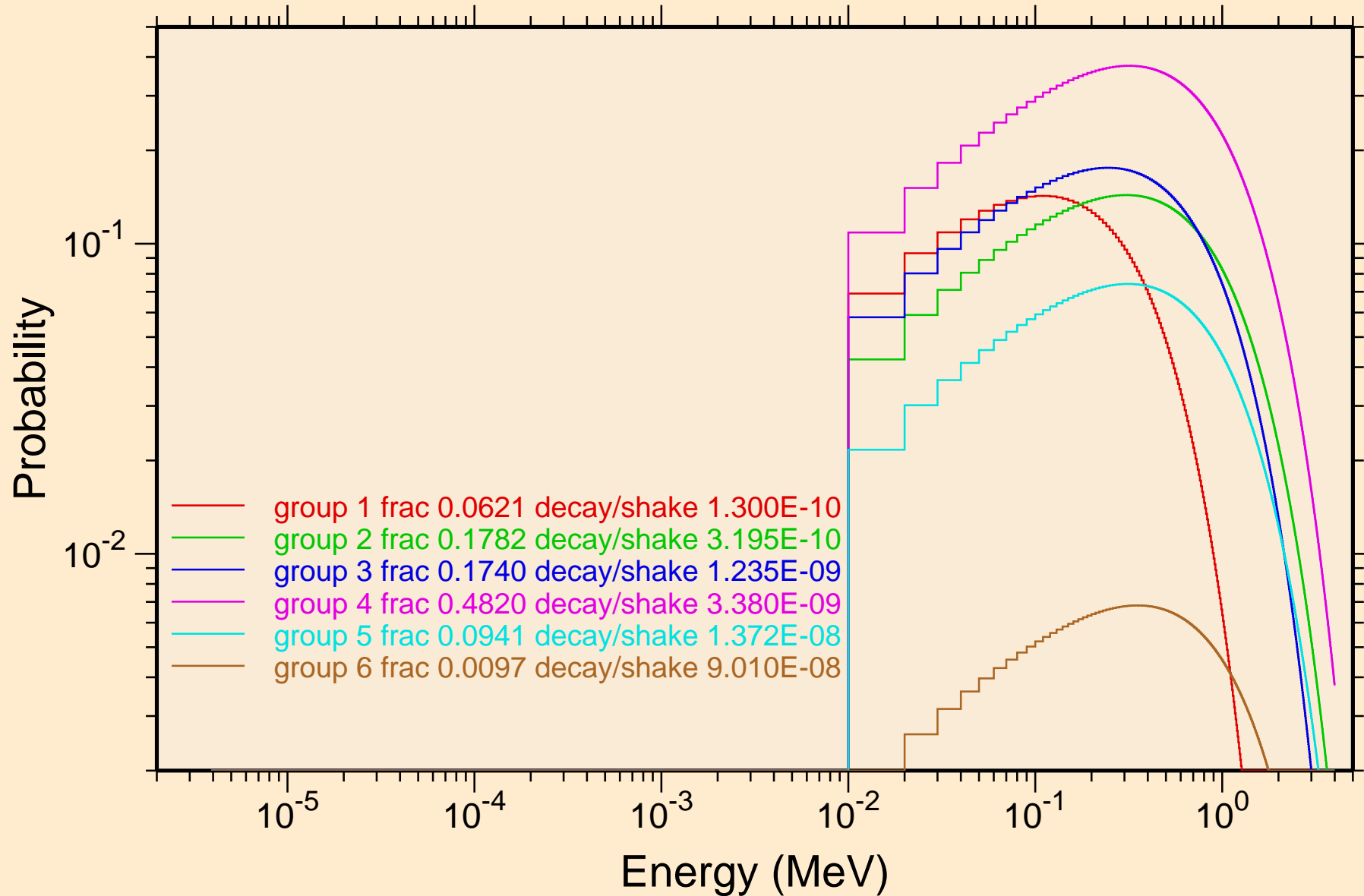
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Delayed nubar

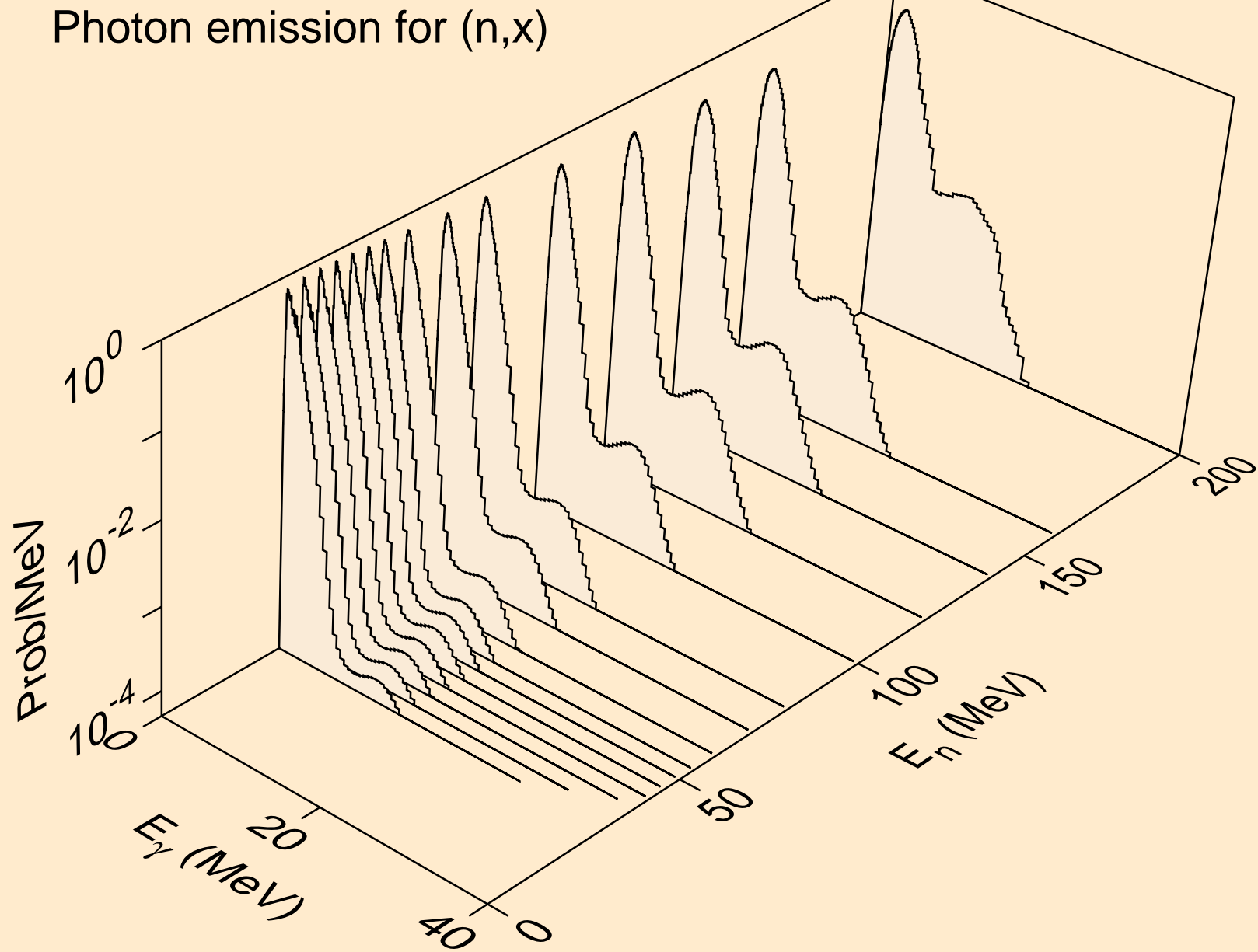


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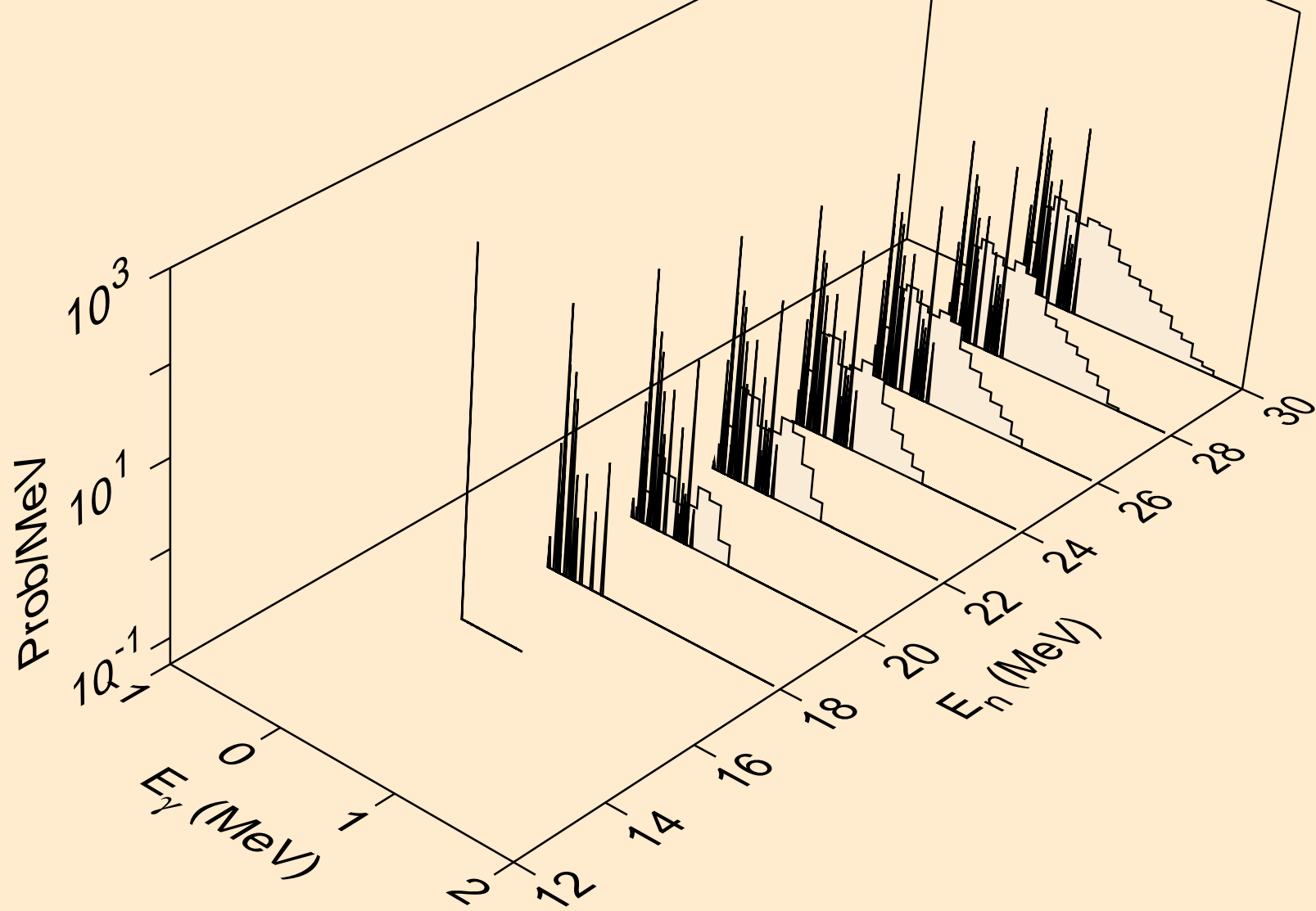
Delayed neutron spectra



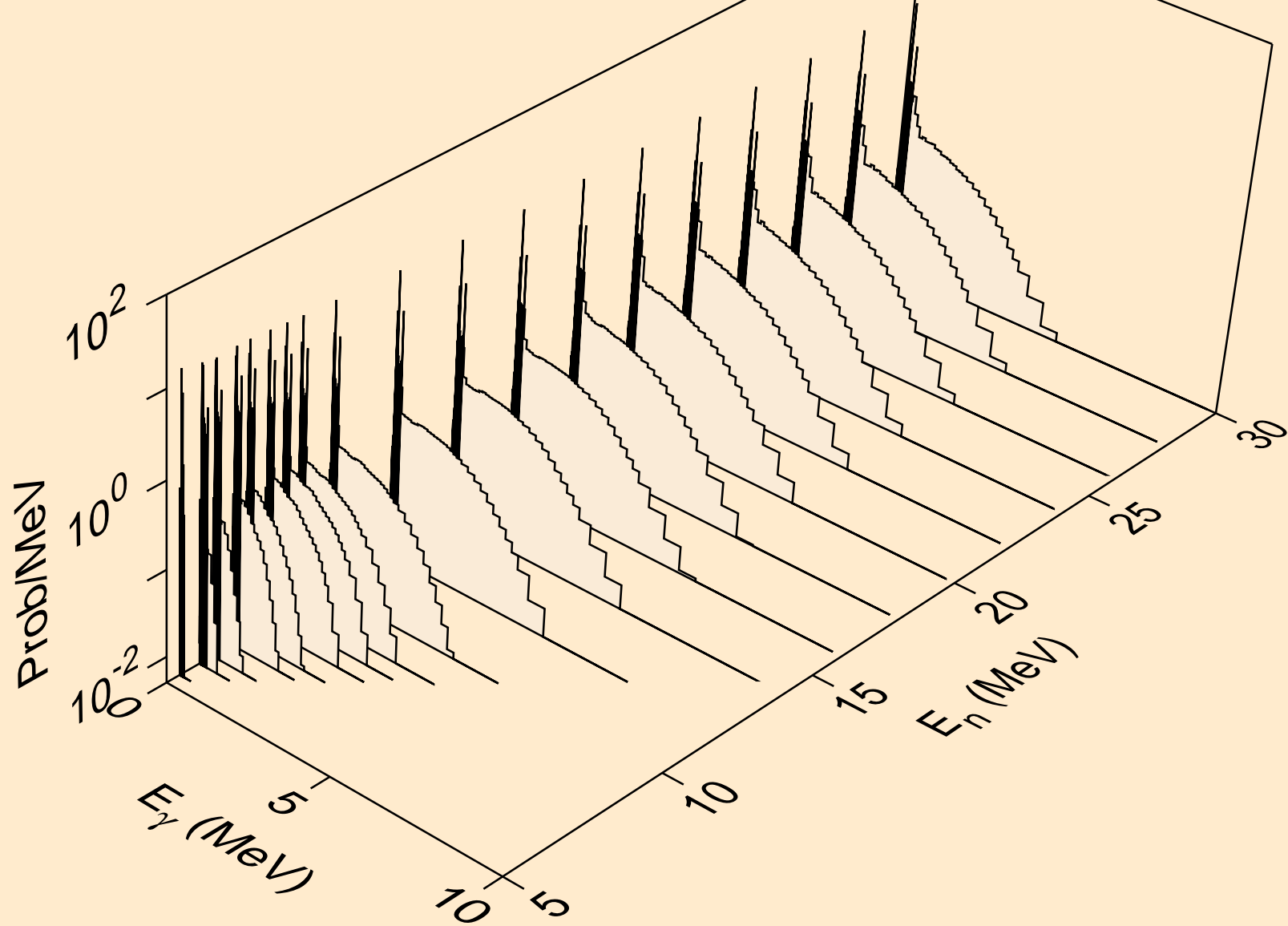
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



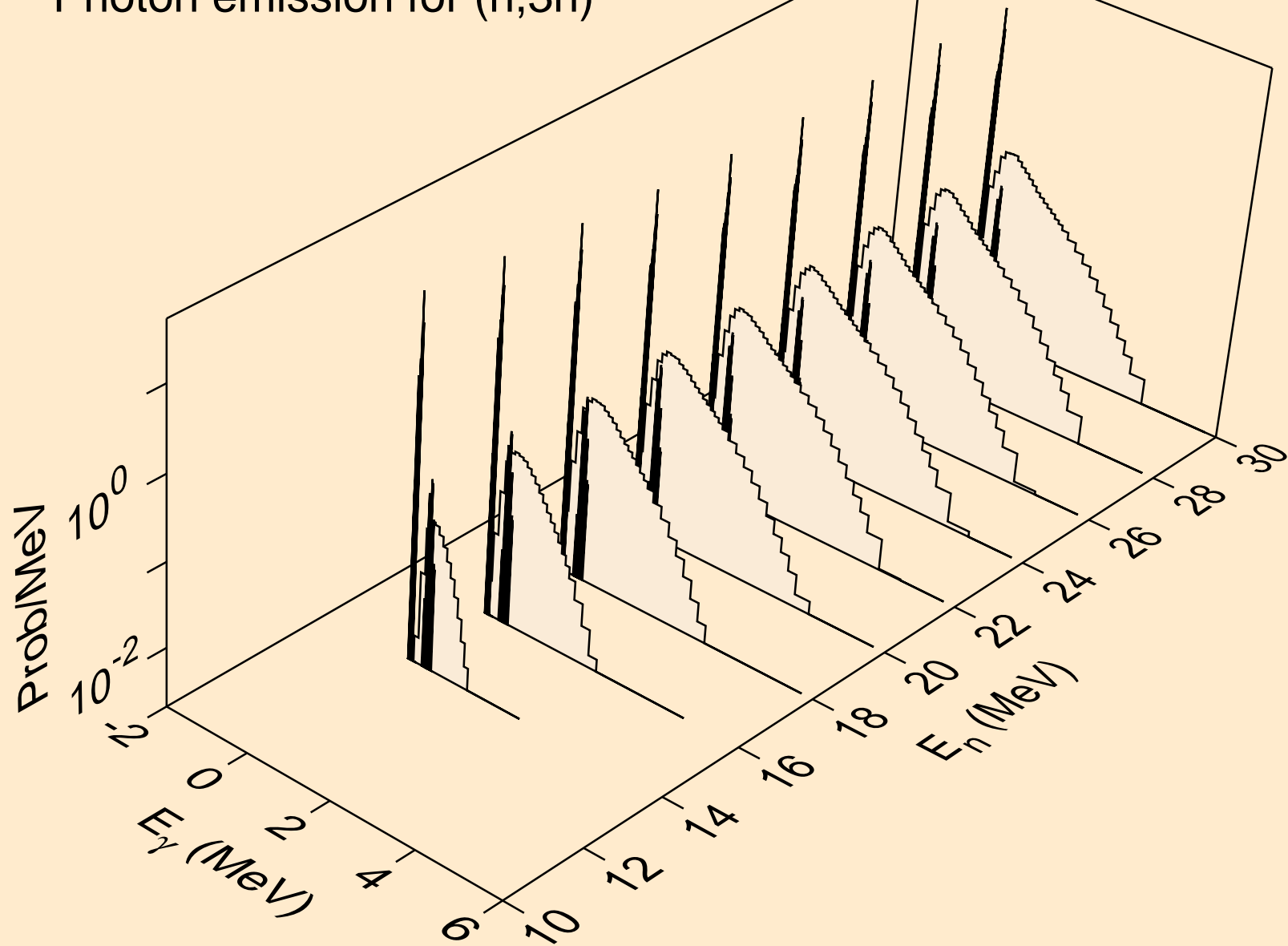
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



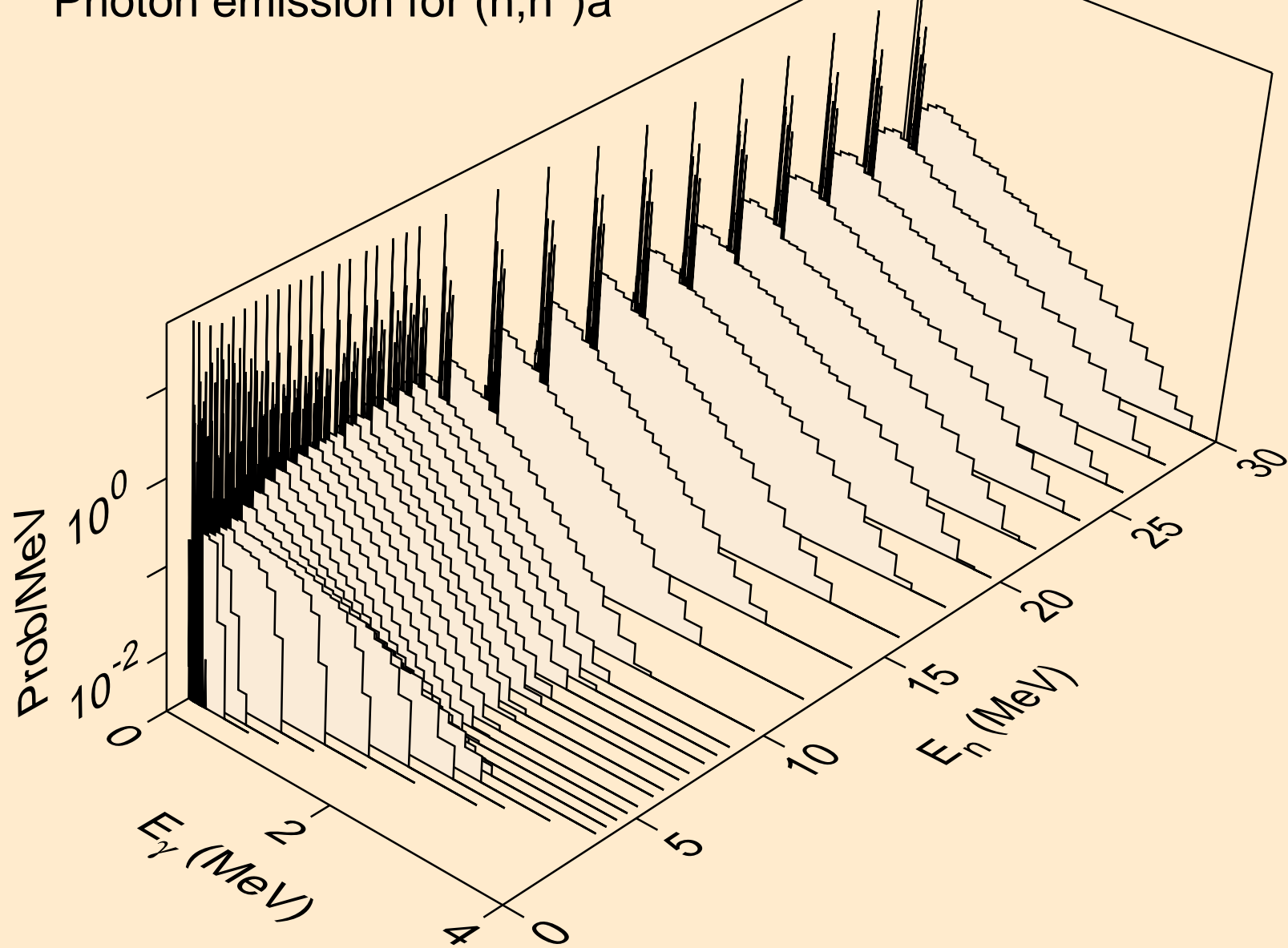
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



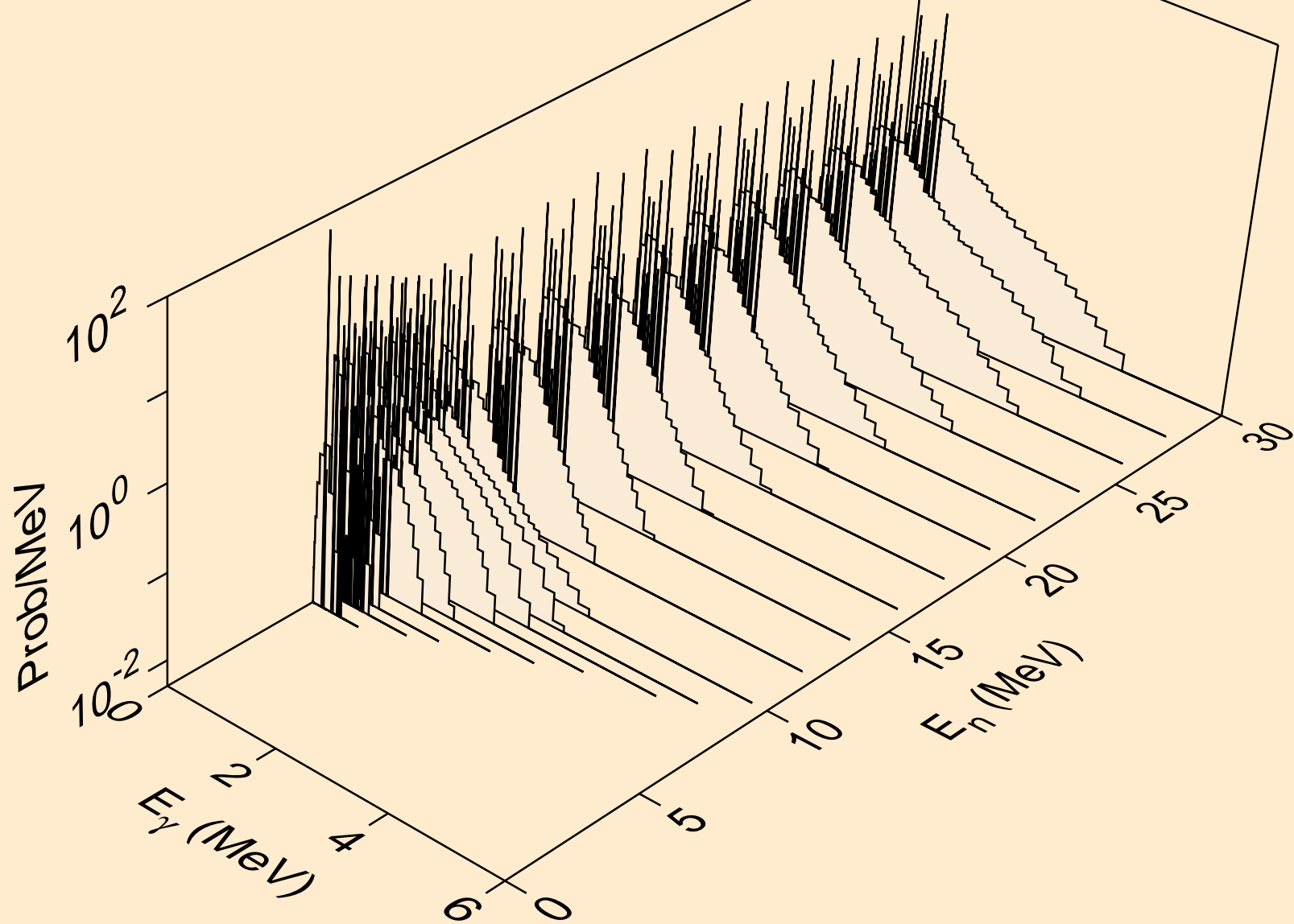
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



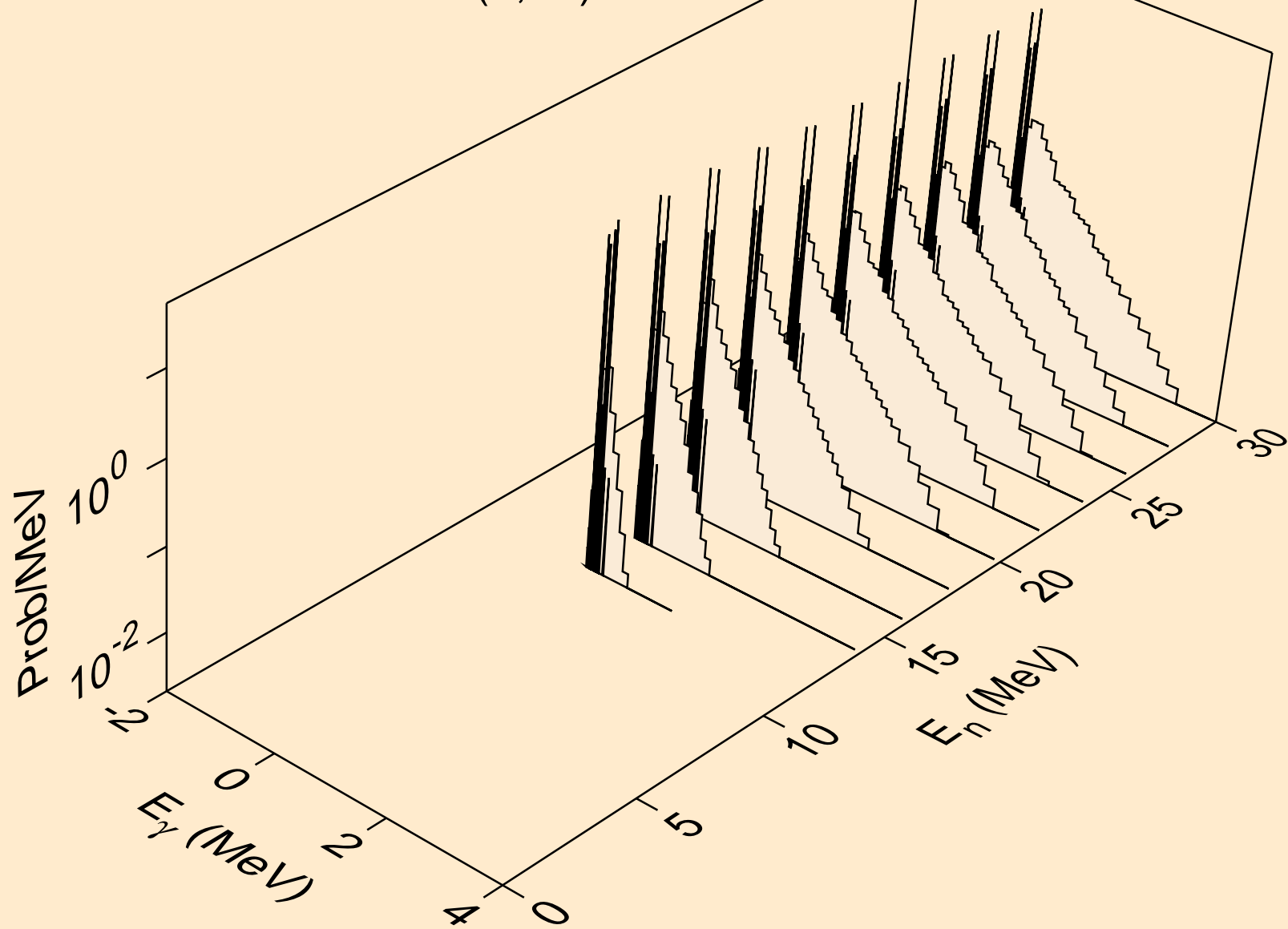
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



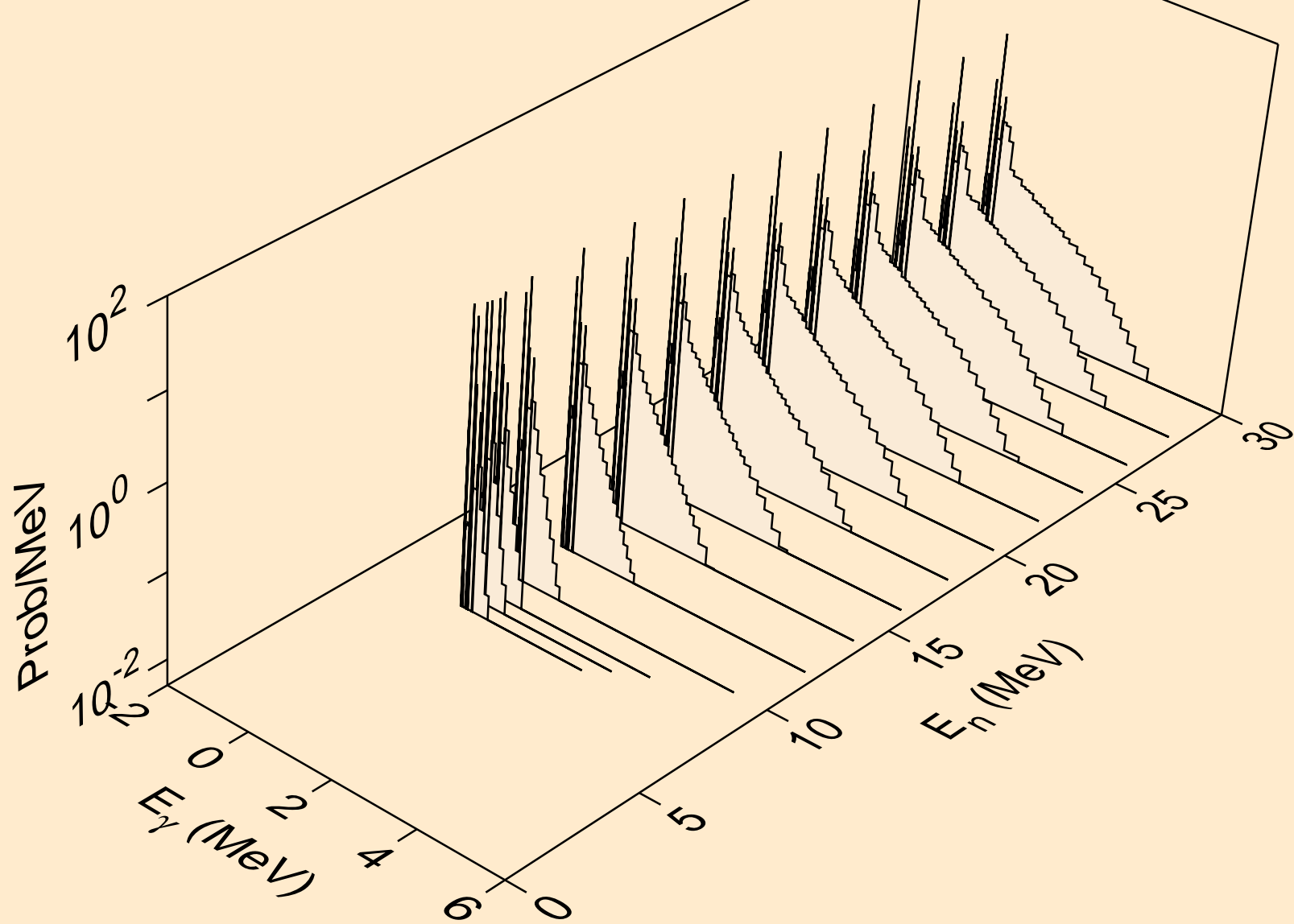
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Photon emission for (n,2n)a



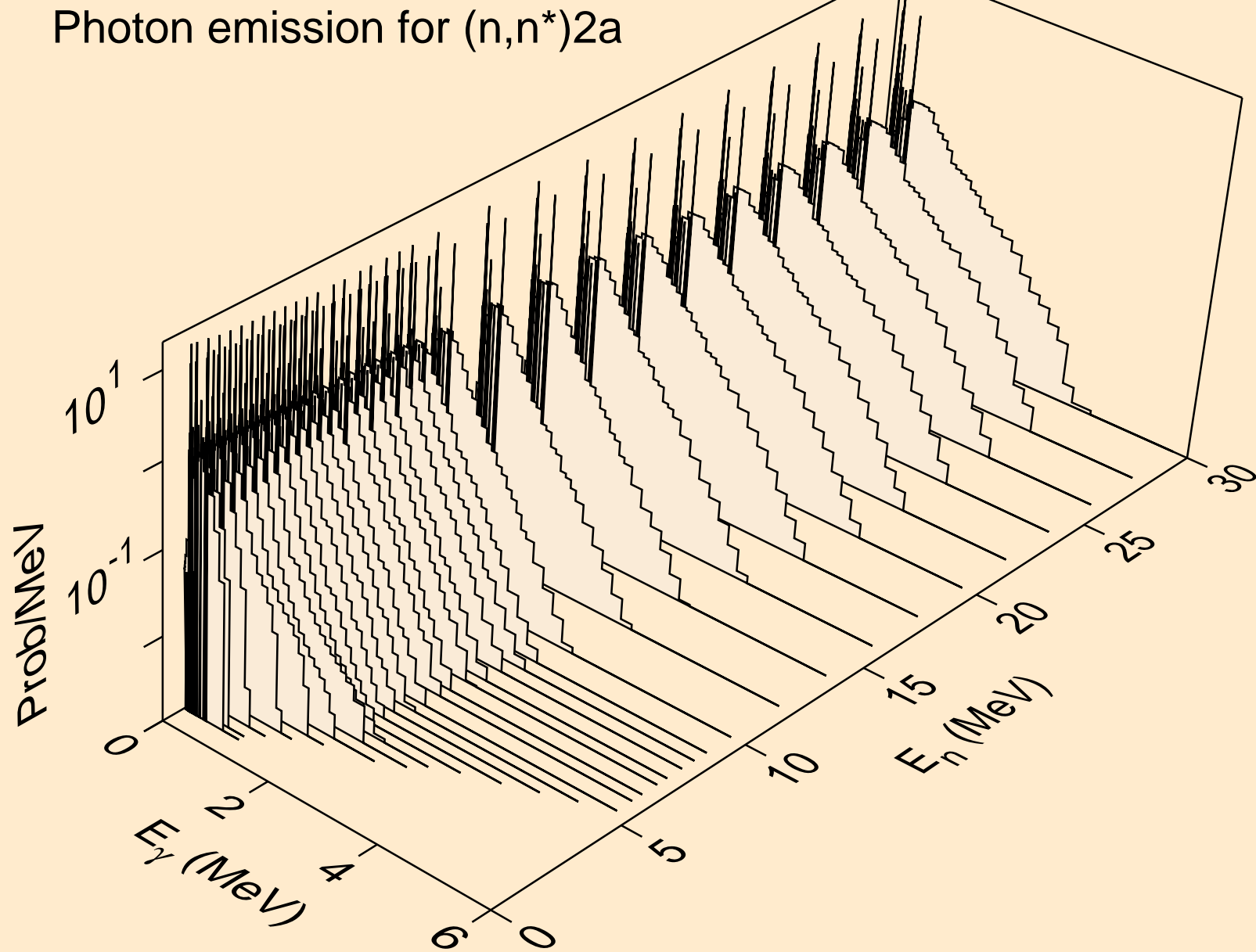
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Photon emission for (n,3n)a



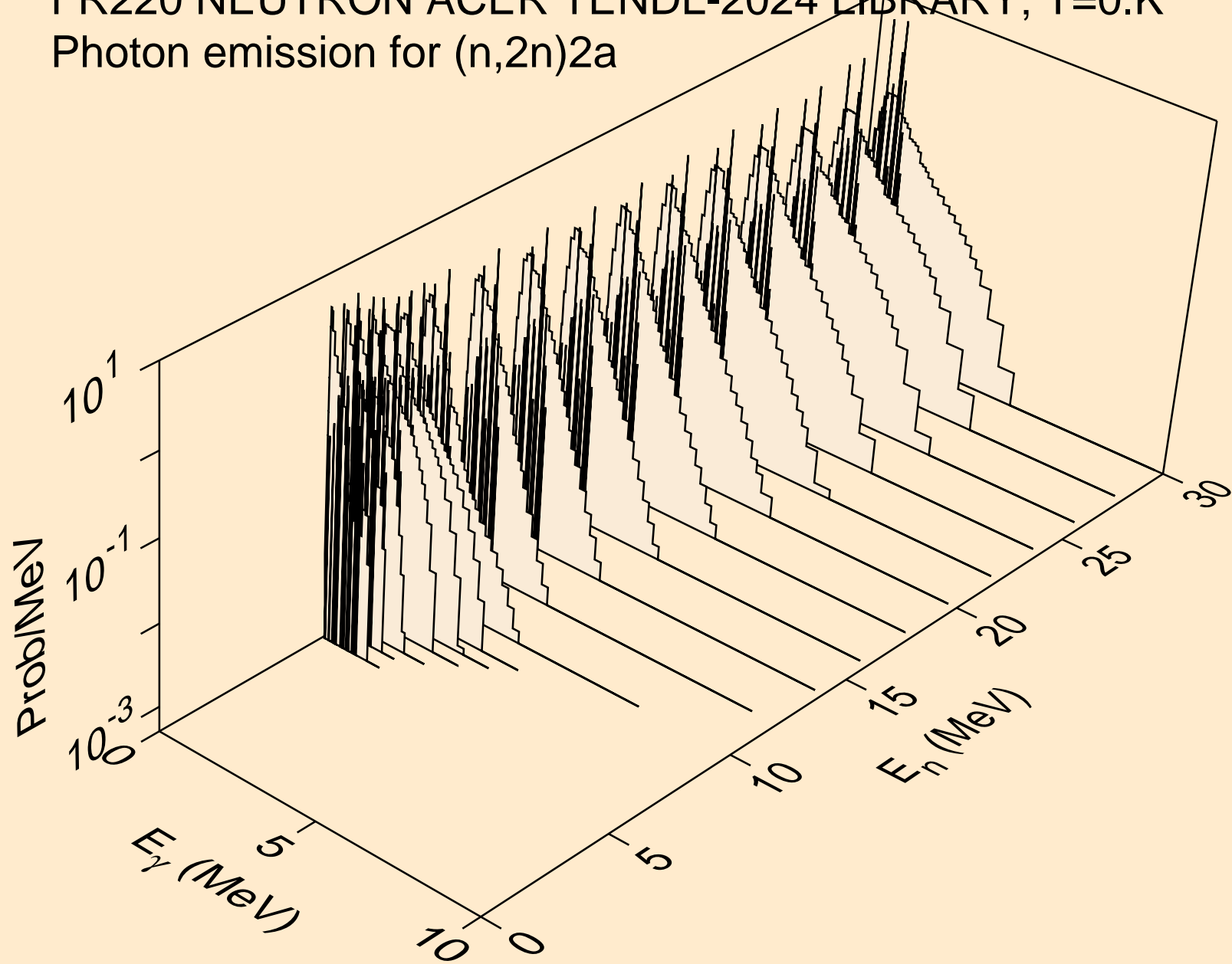
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



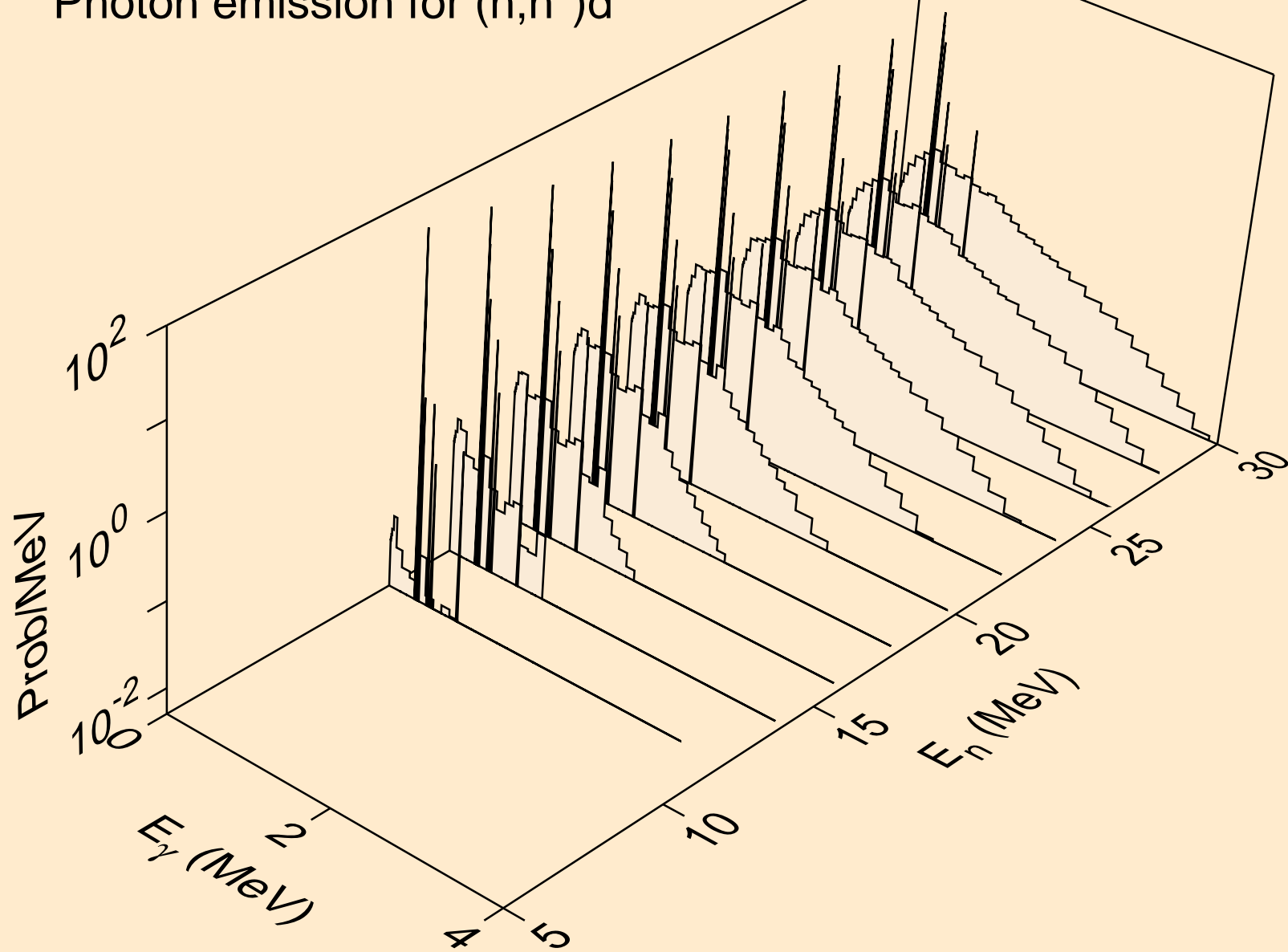
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



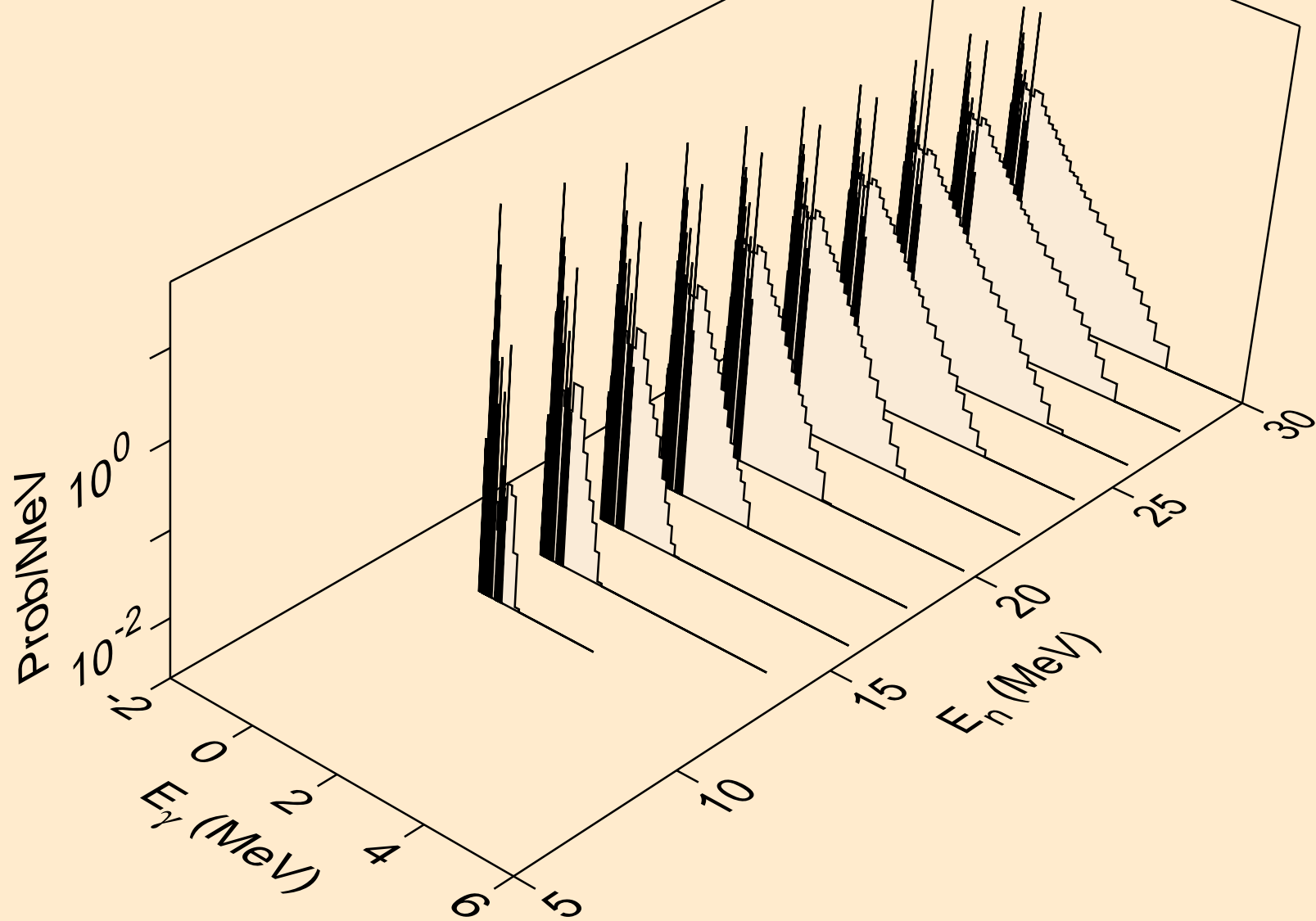
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Photon emission for (n,2n)2a



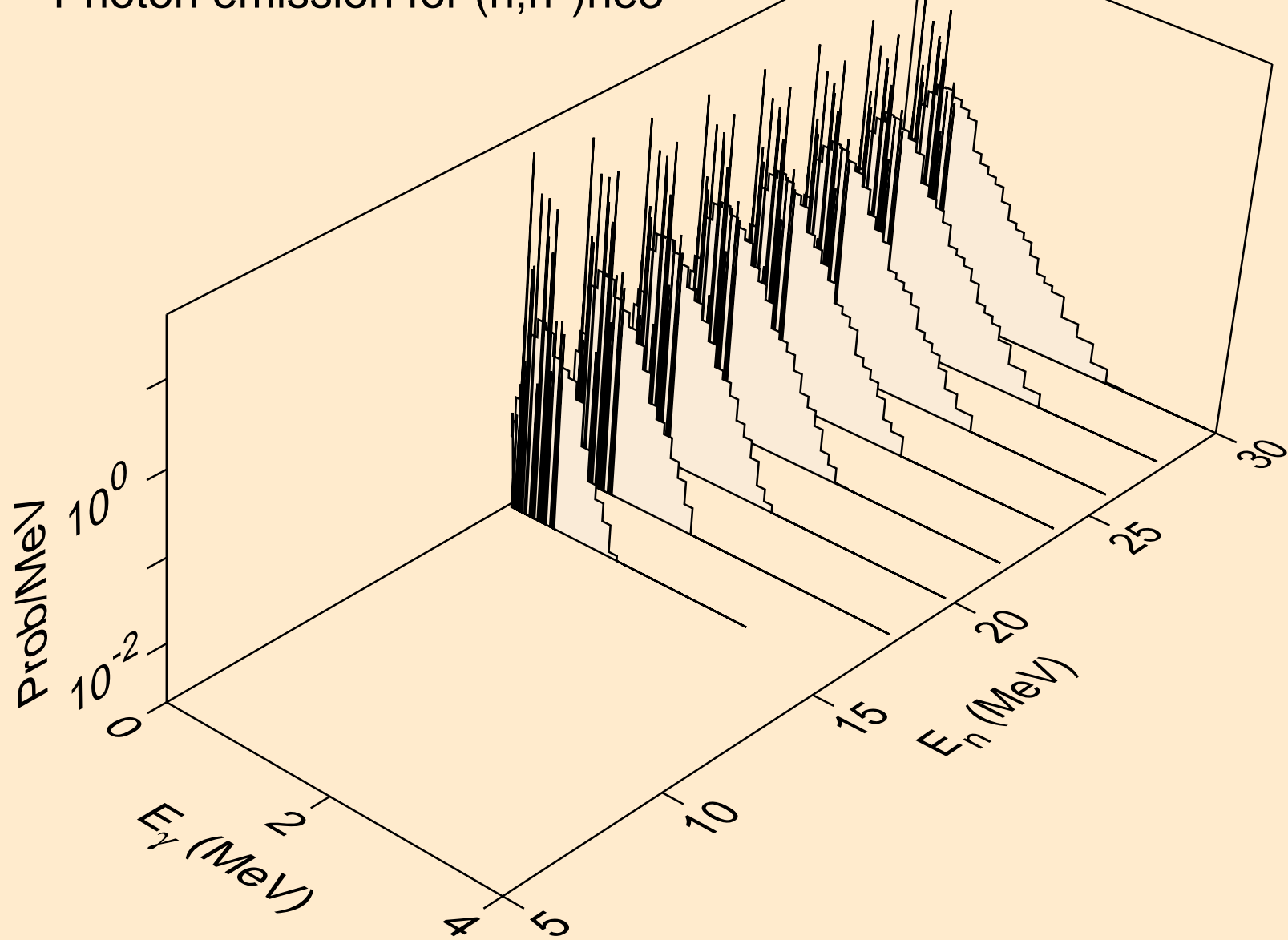
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



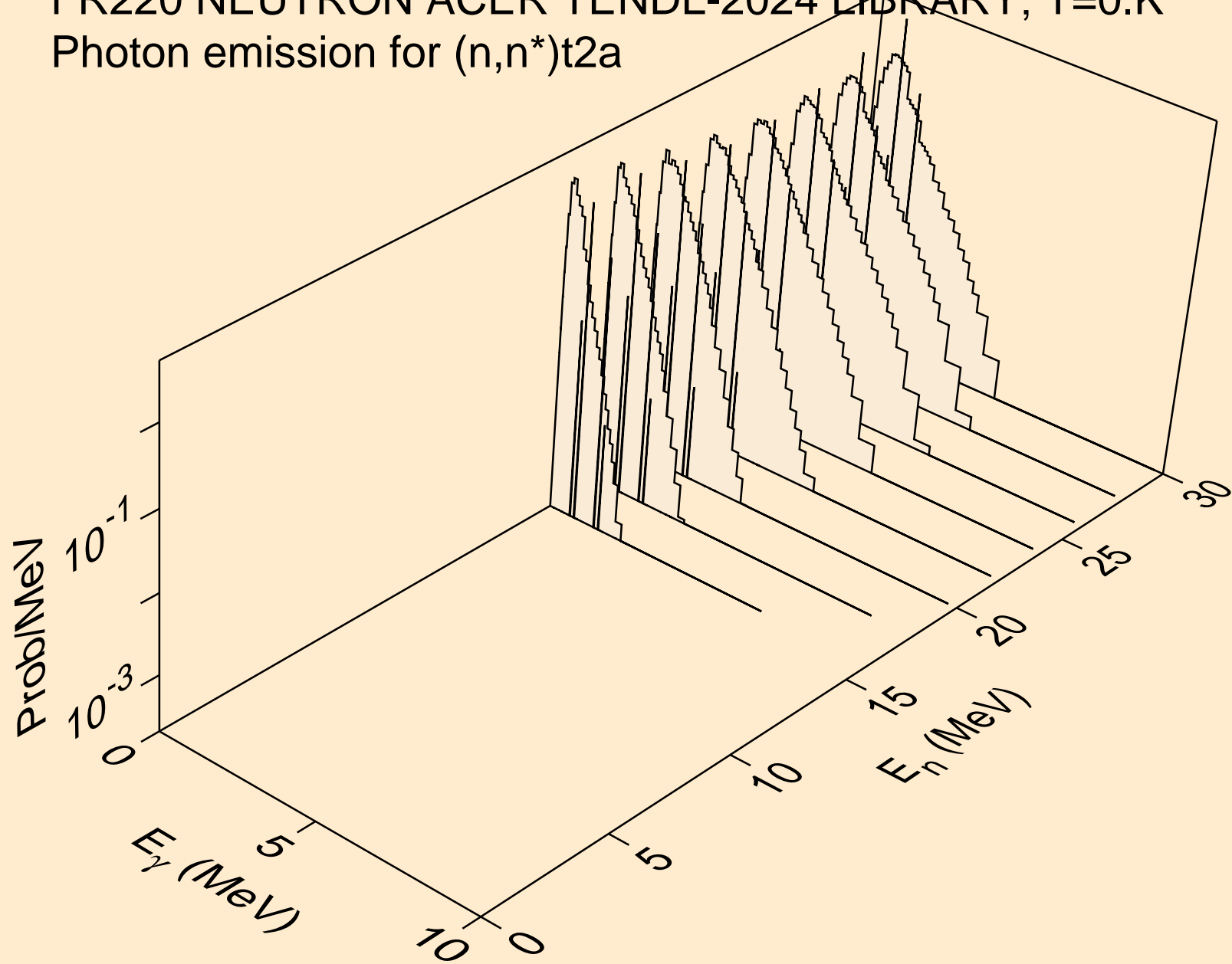
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



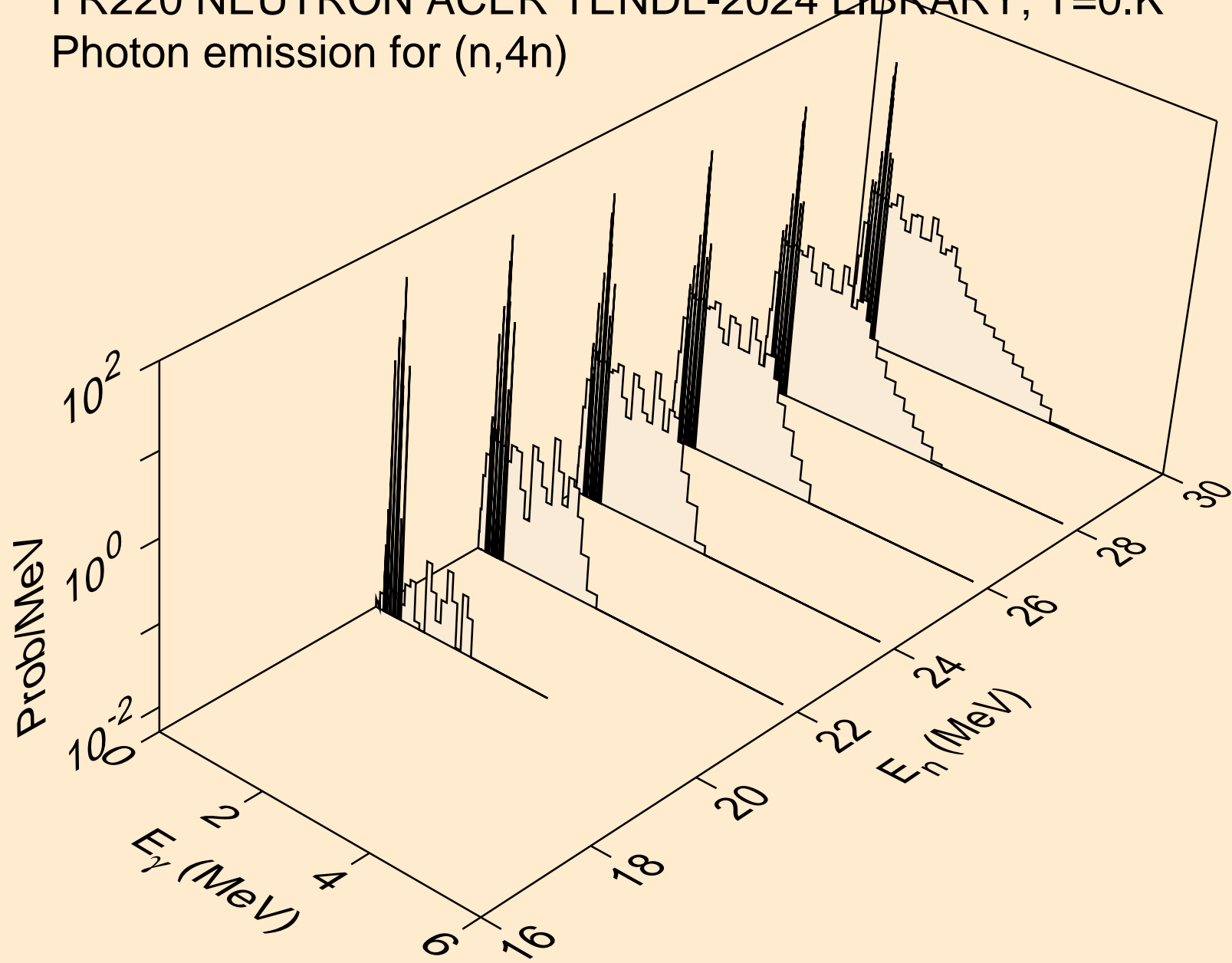
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



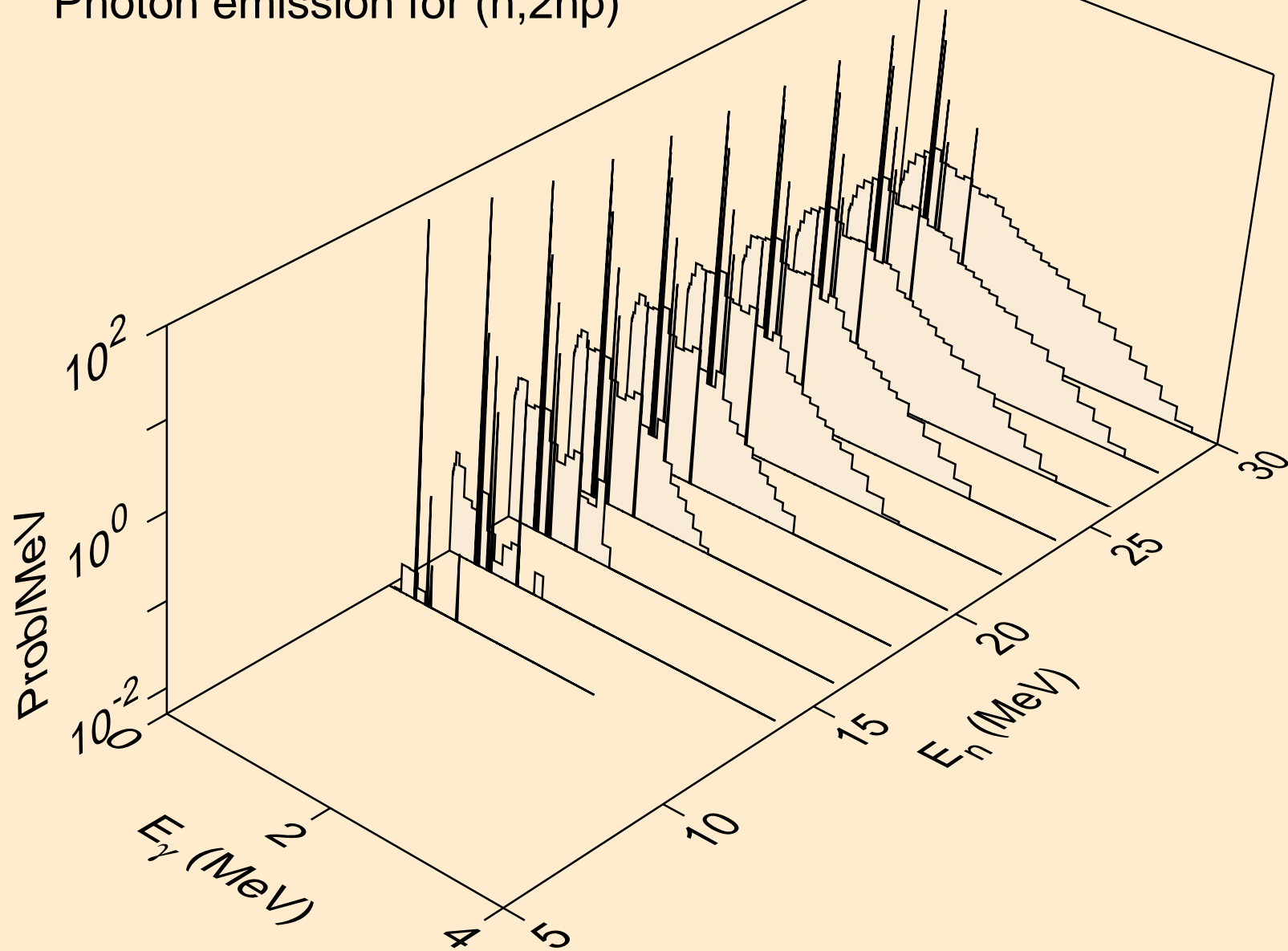
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t2a



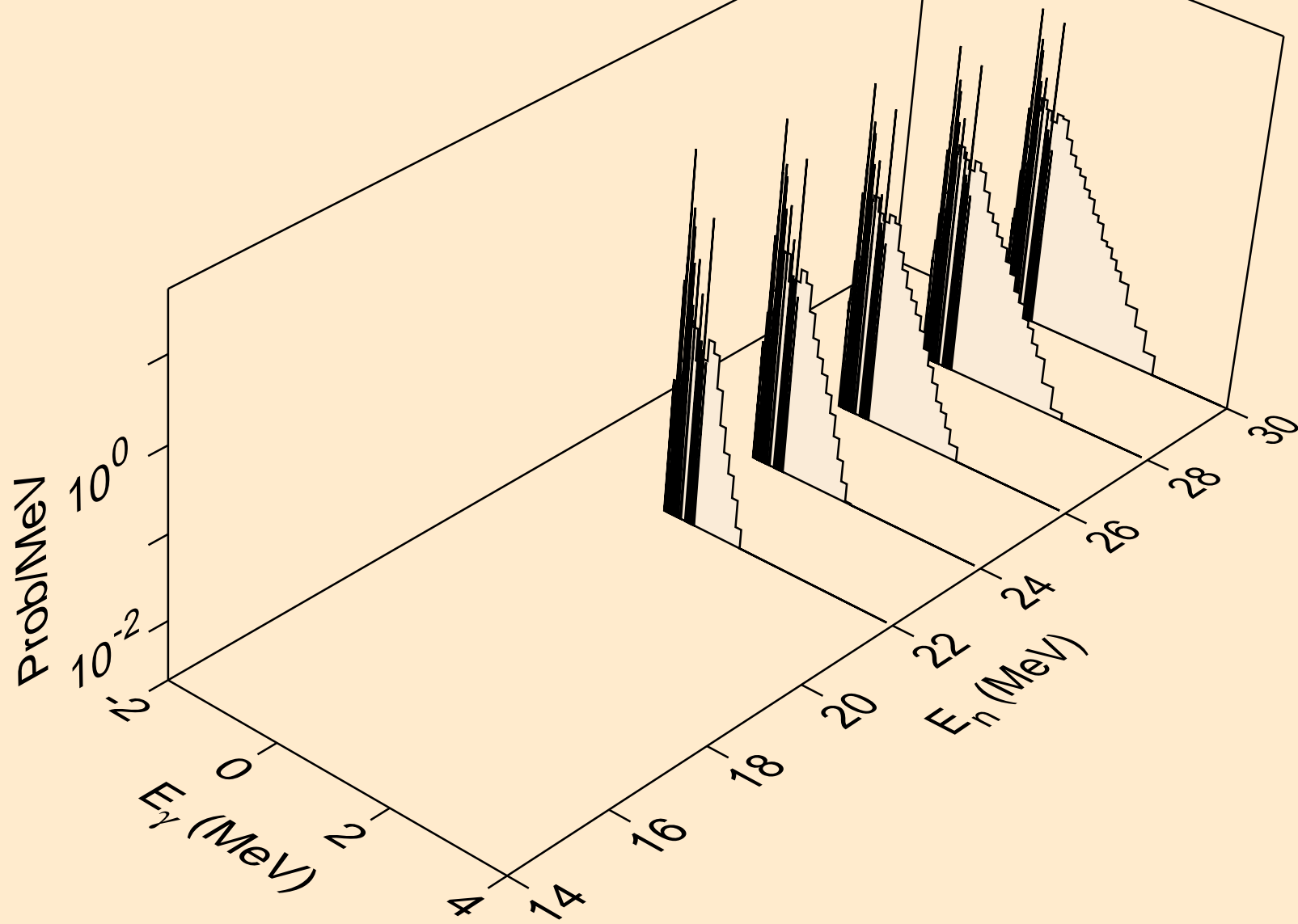
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



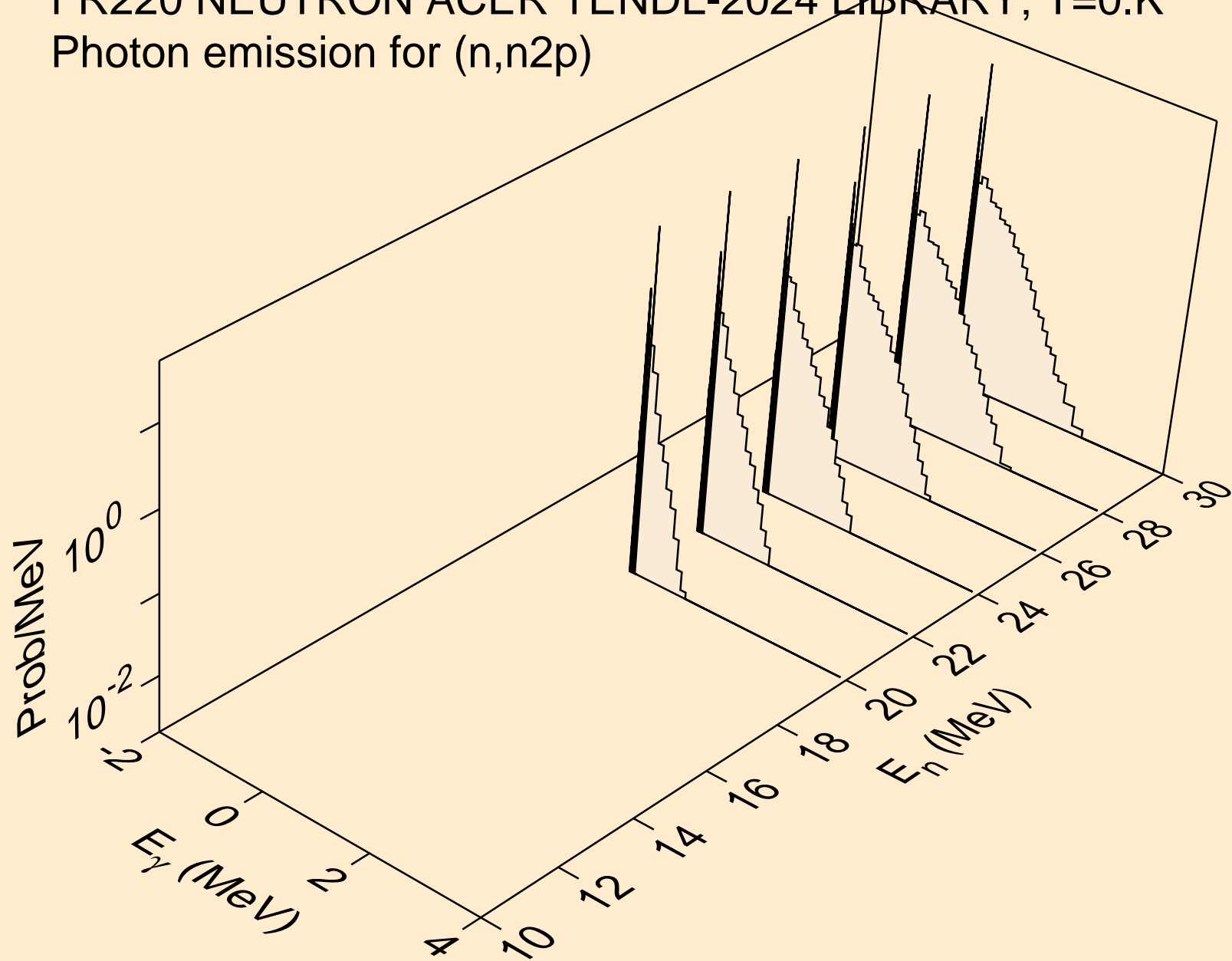
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Photon emission for (n,2np)



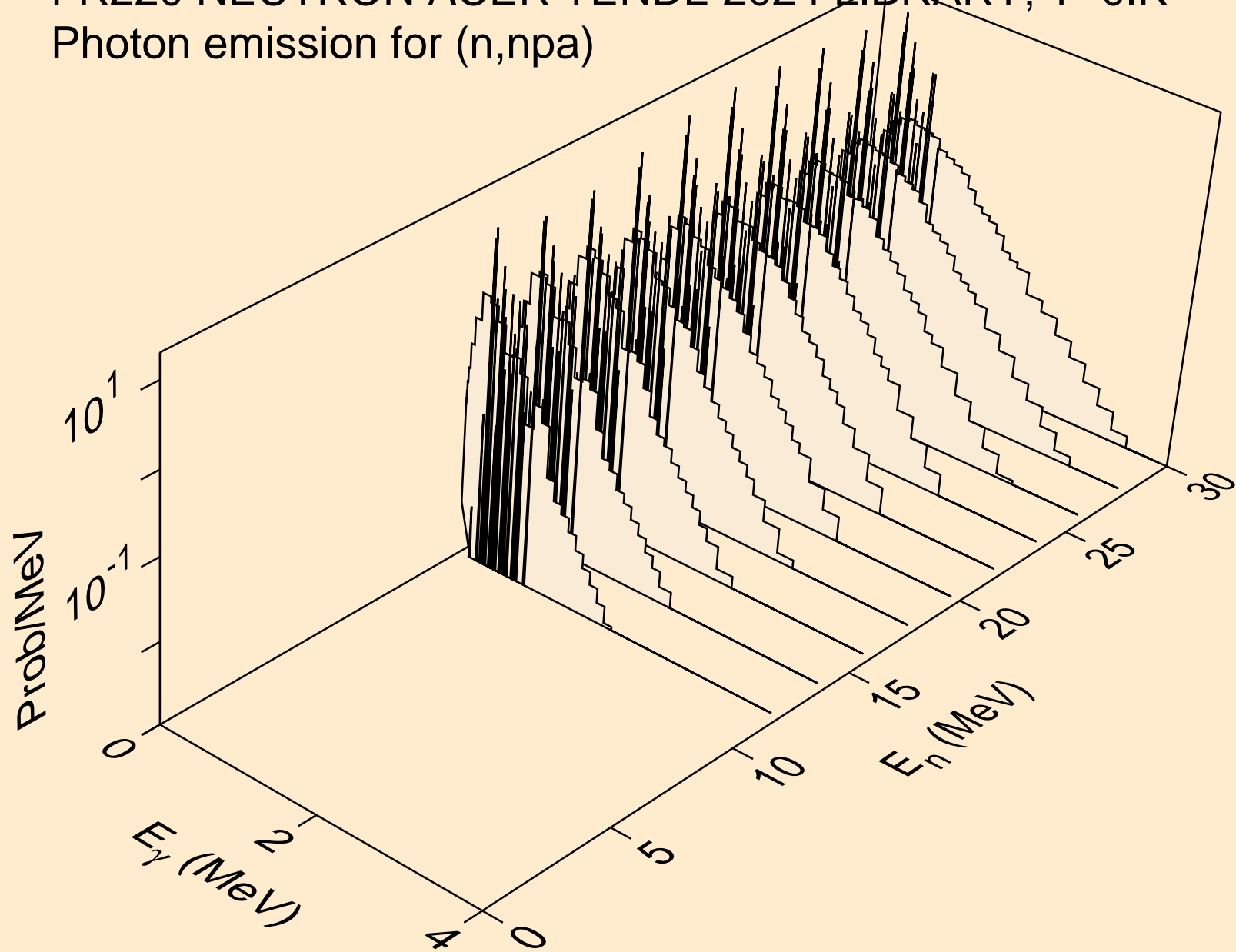
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Photon emission for (n,3np)



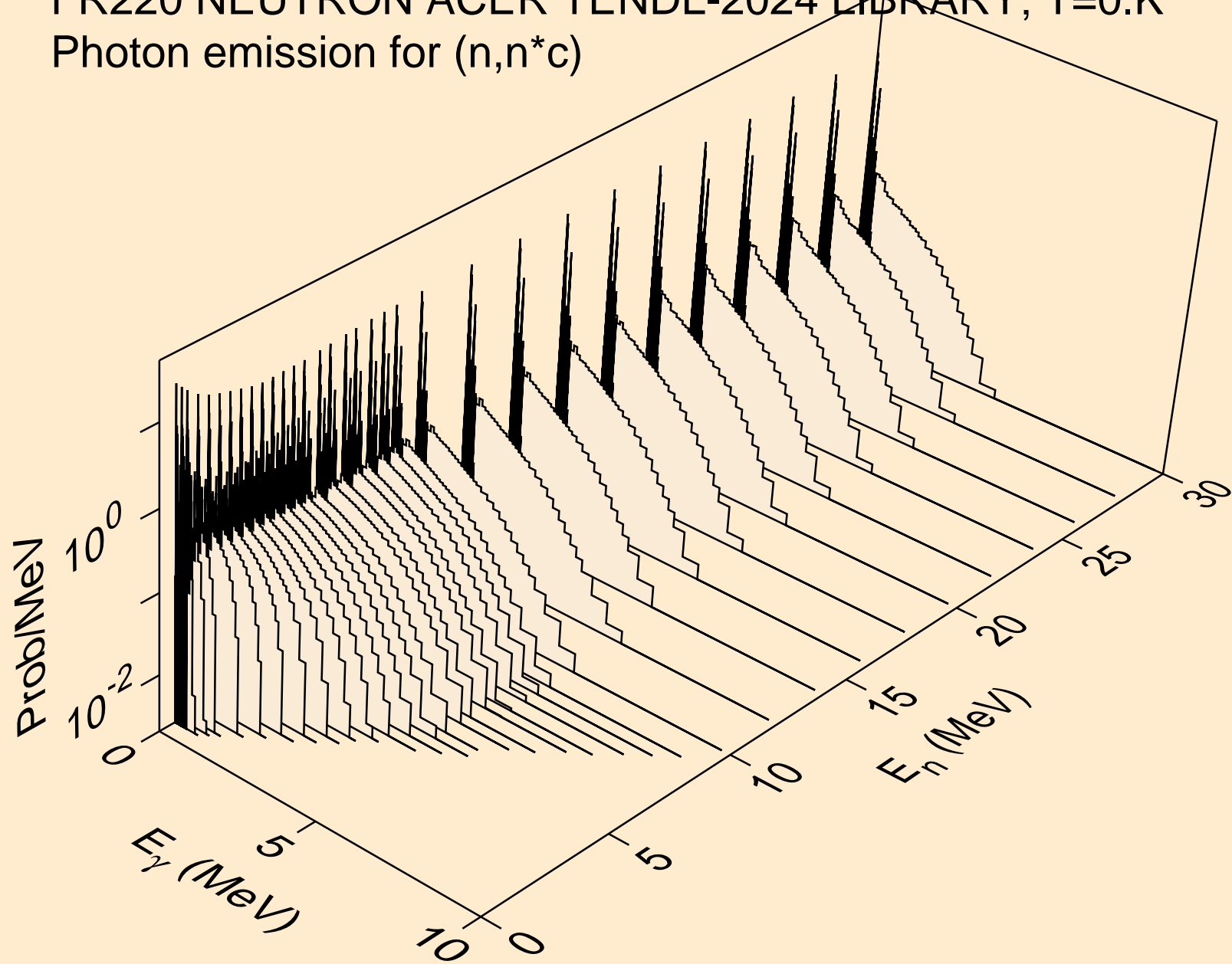
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



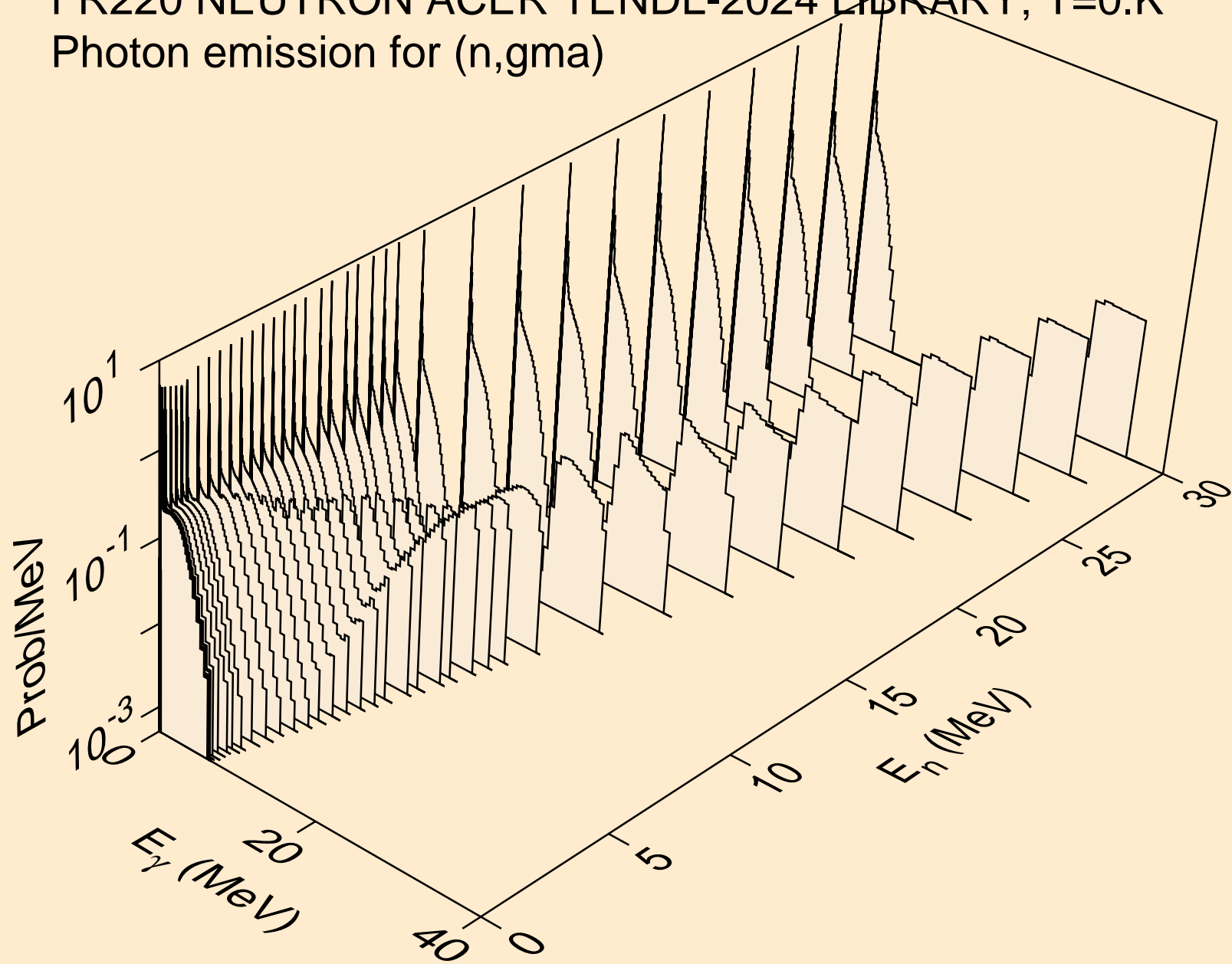
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



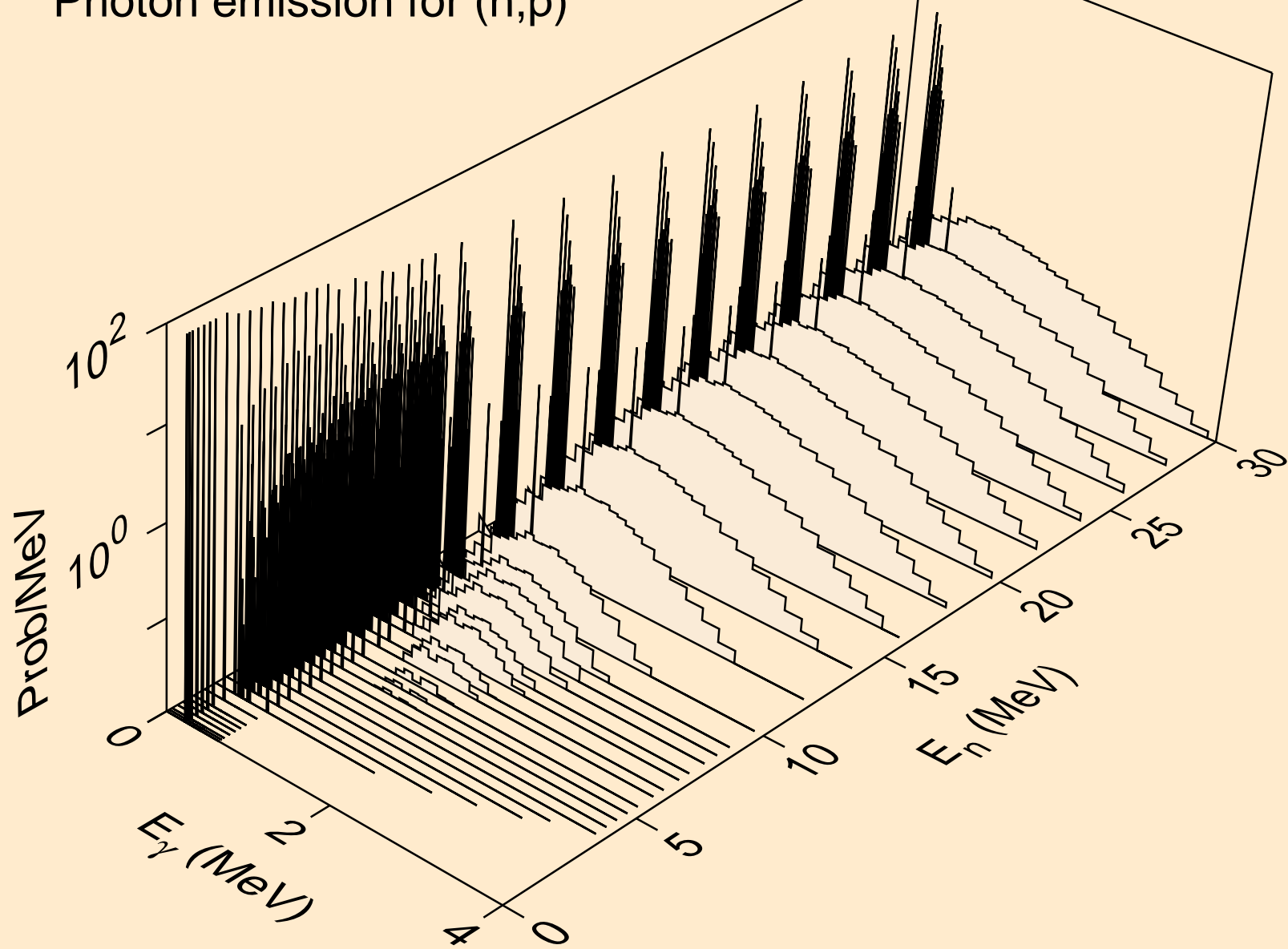
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*c)



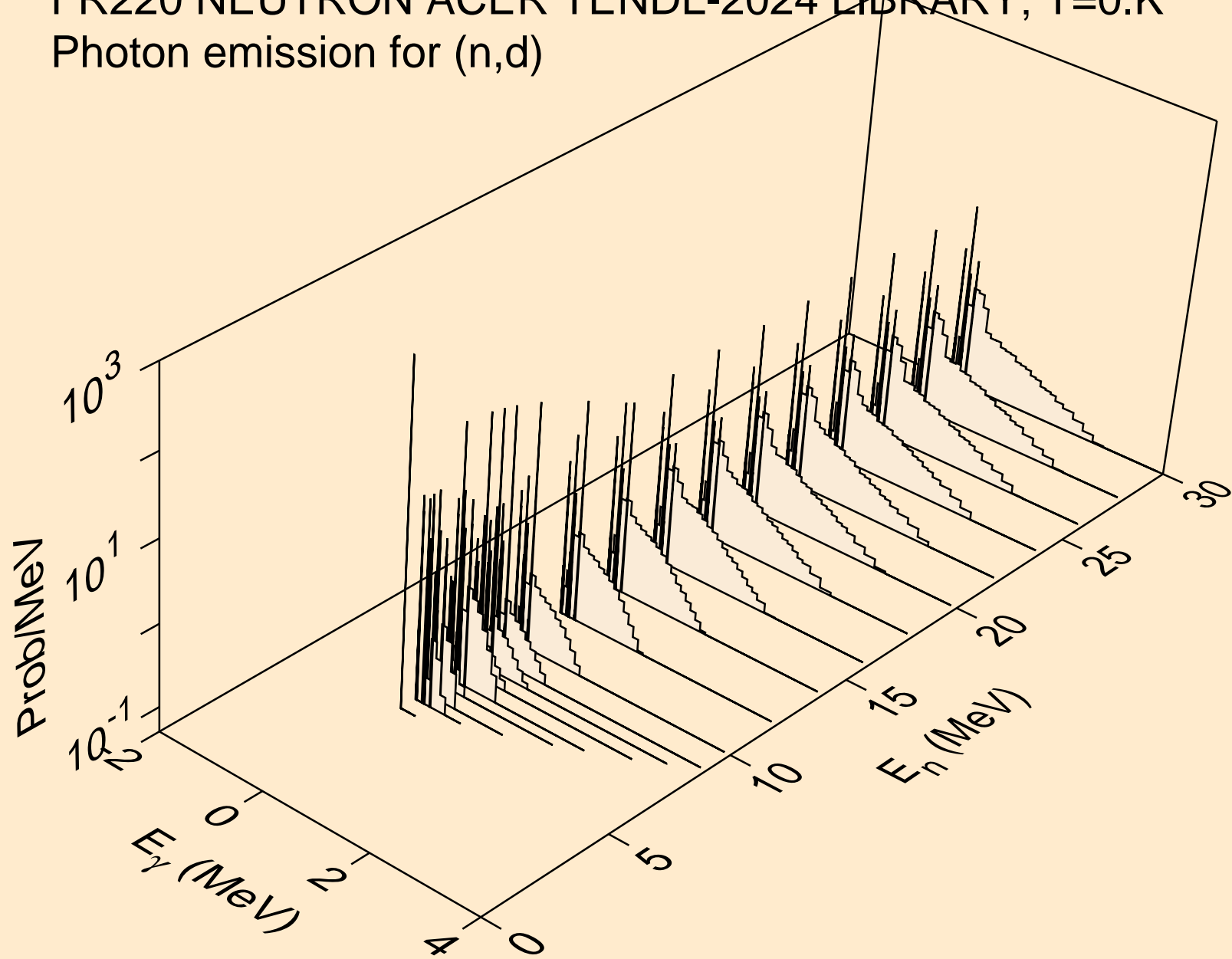
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



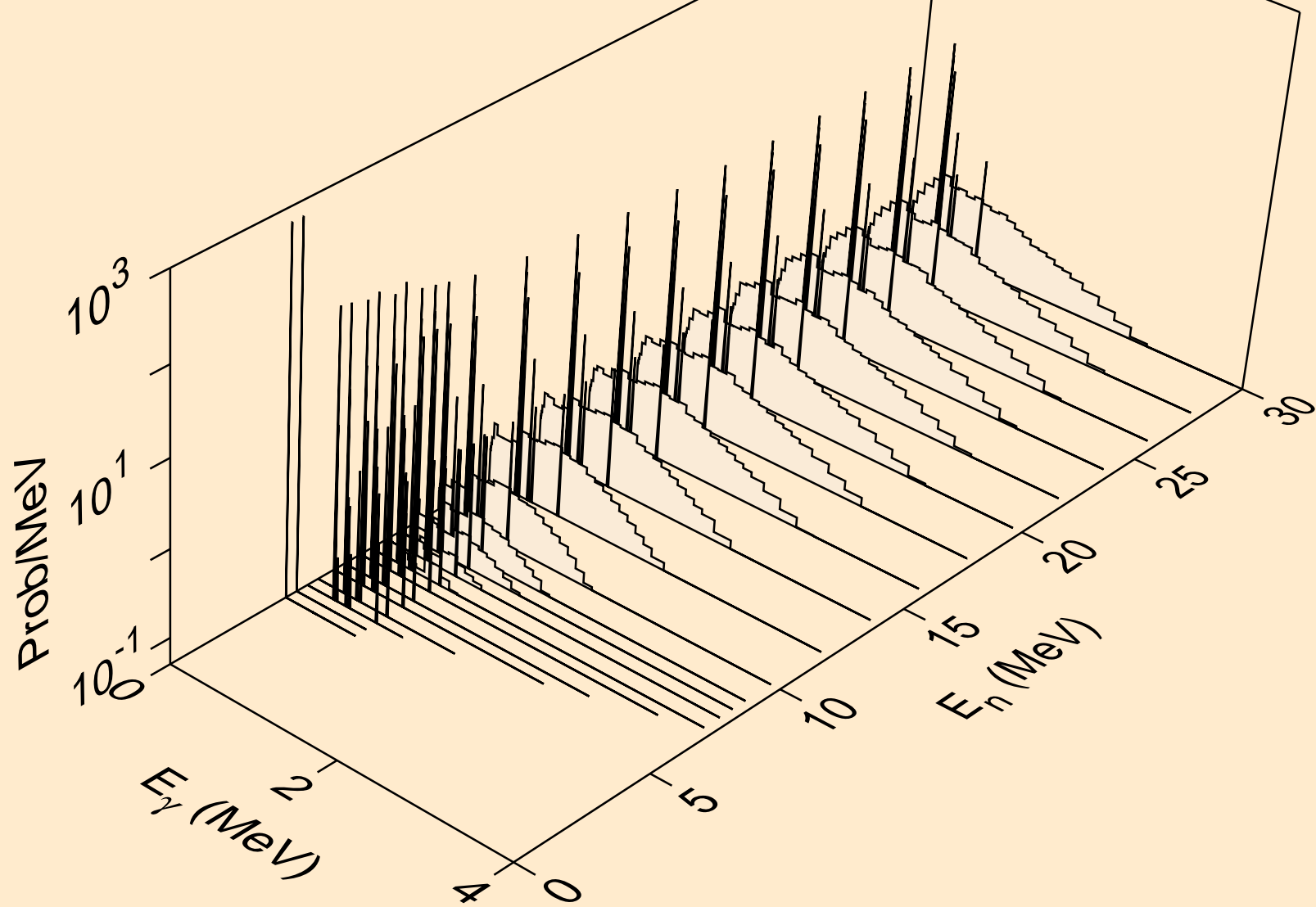
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



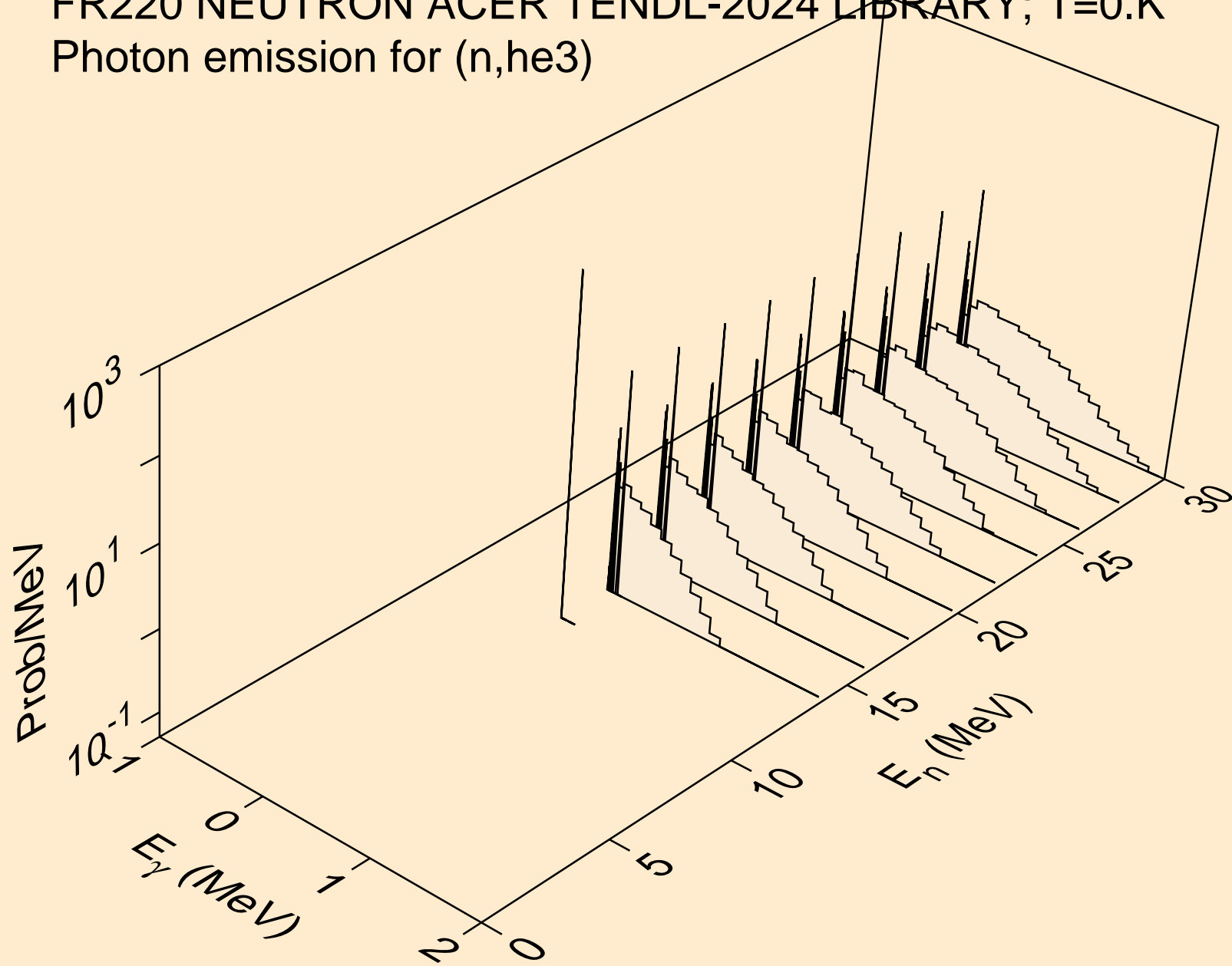
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Photon emission for (n,d)



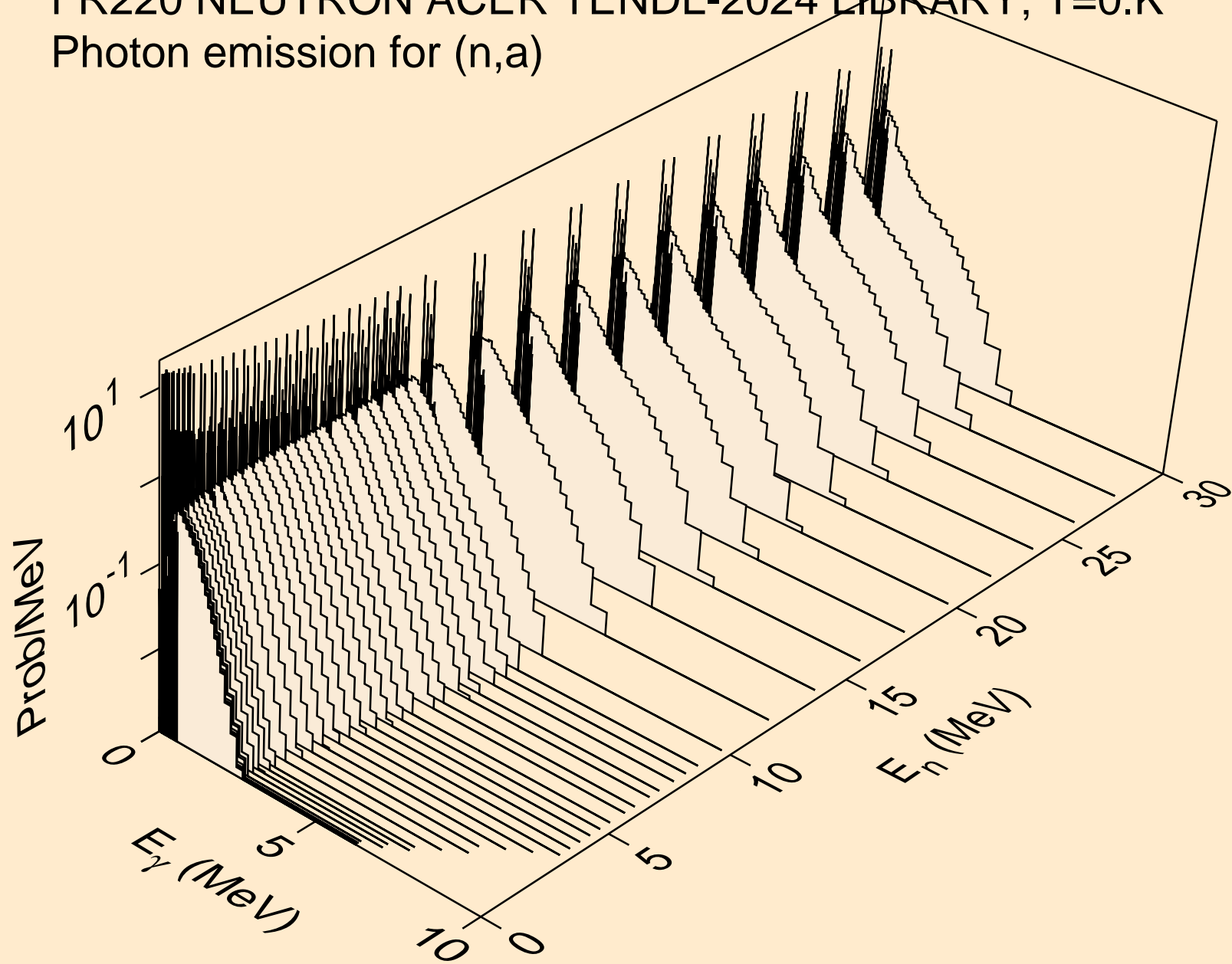
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Photon emission for (n,t)



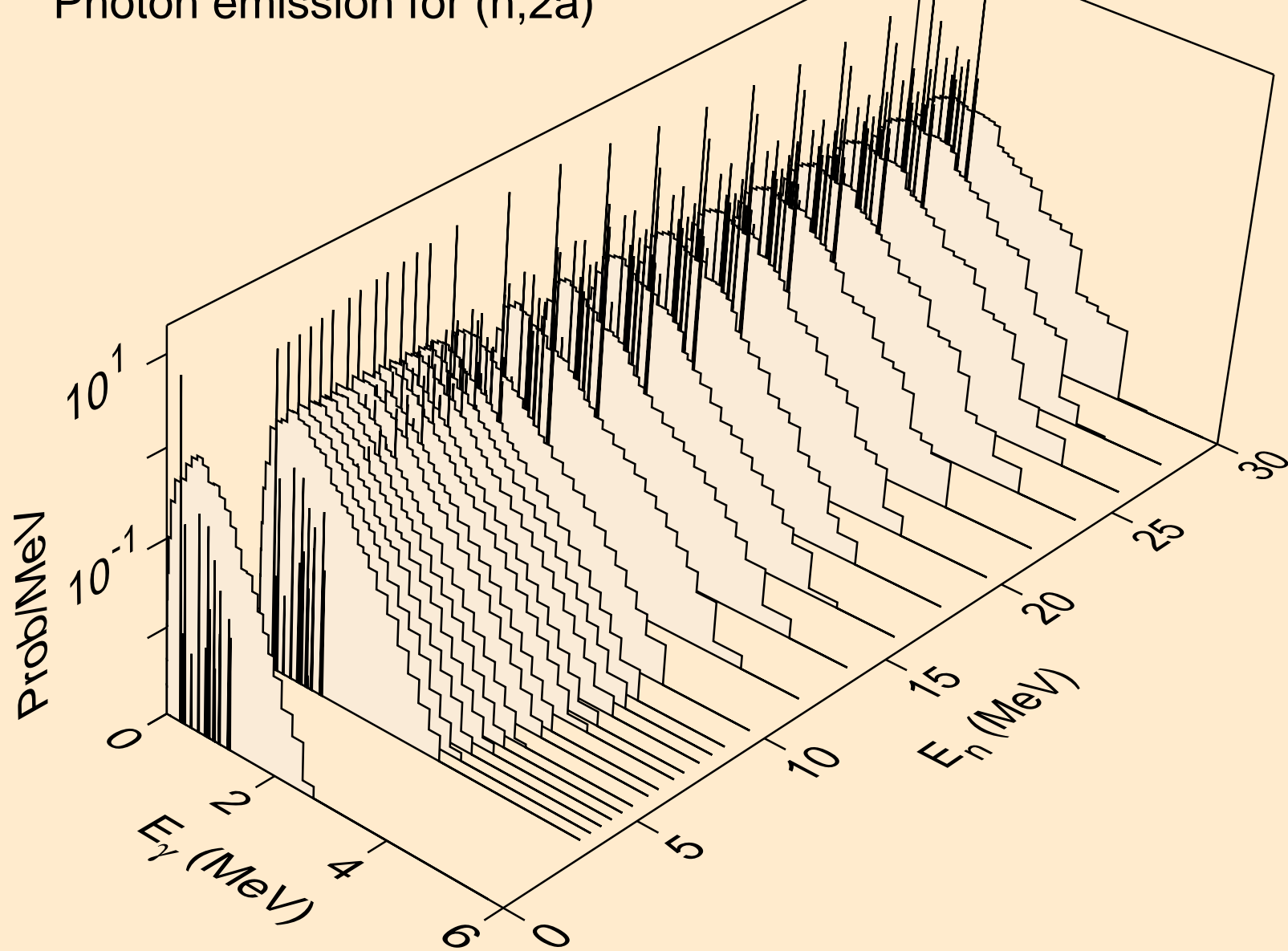
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Photon emission for (n,he3)



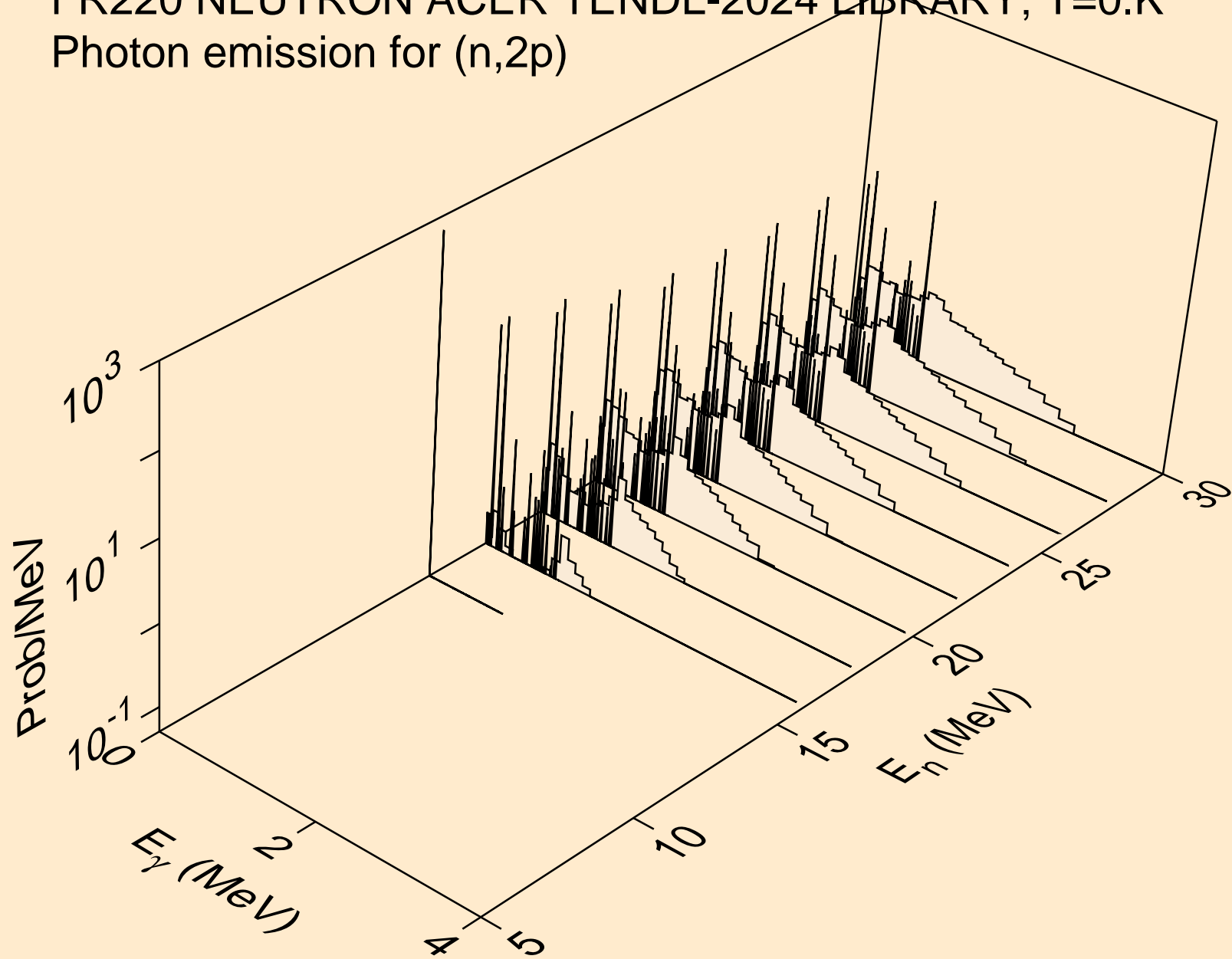
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Photon emission for (n,a)



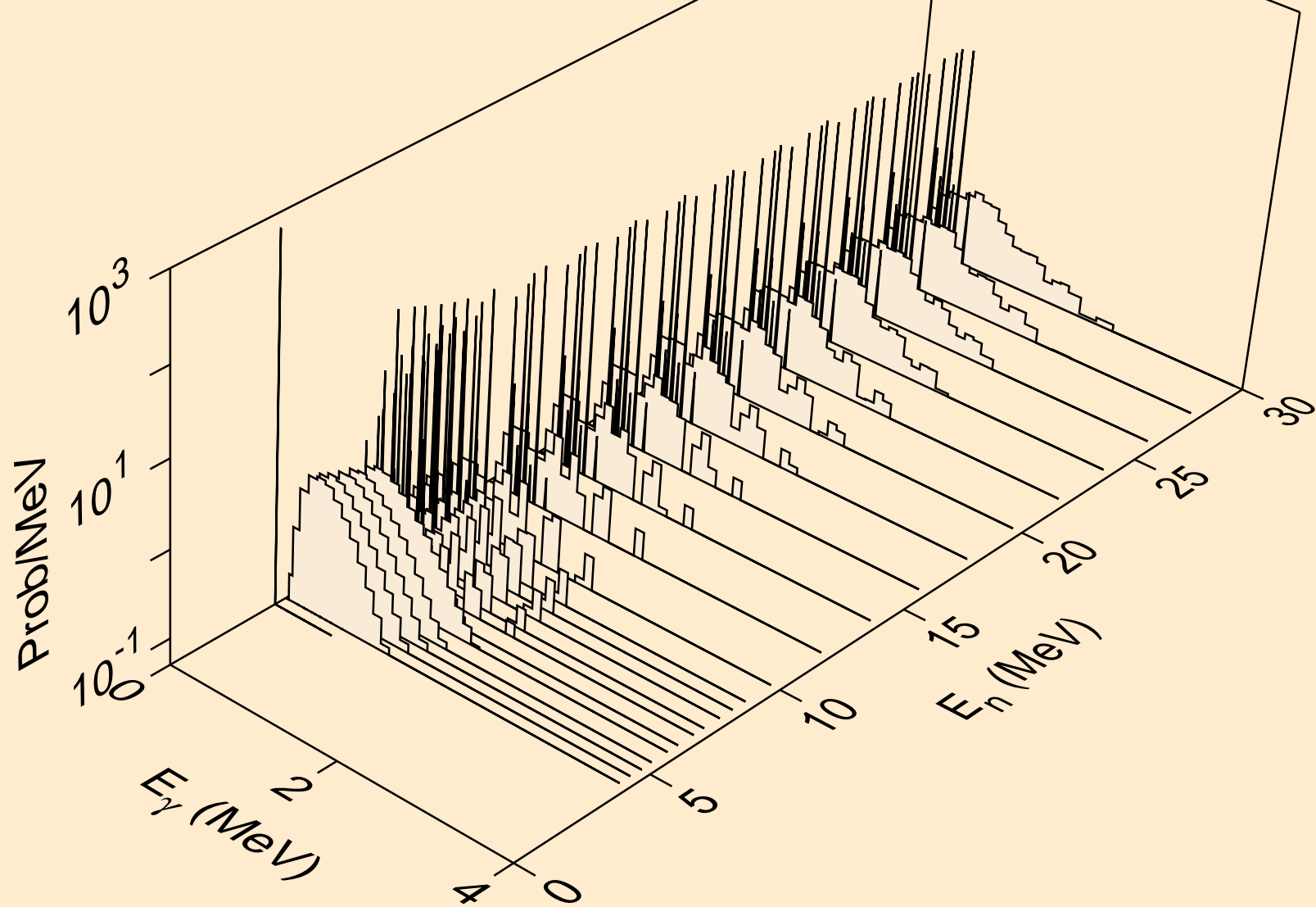
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Photon emission for (n,2a)



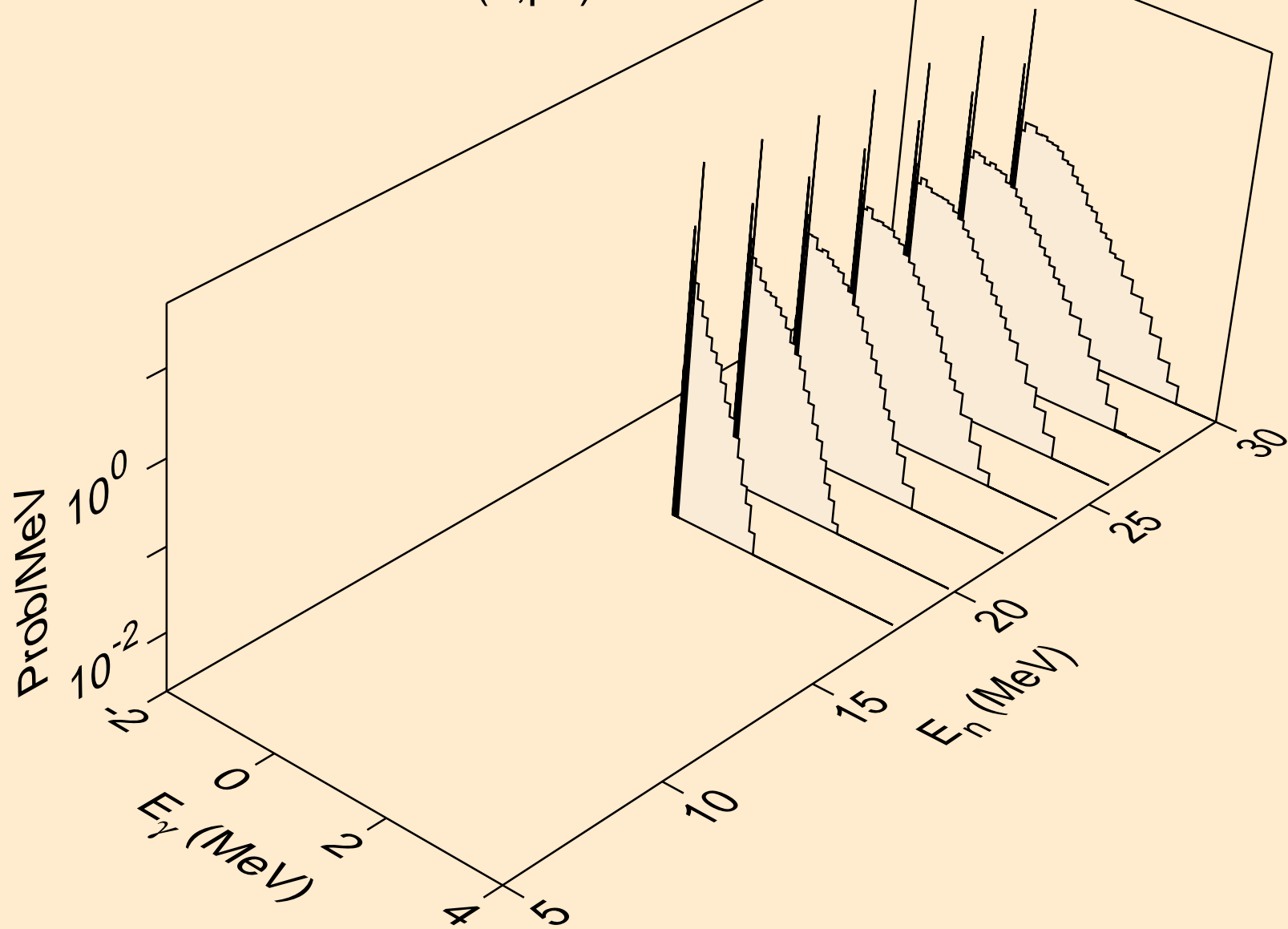
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Photon emission for (n,2p)



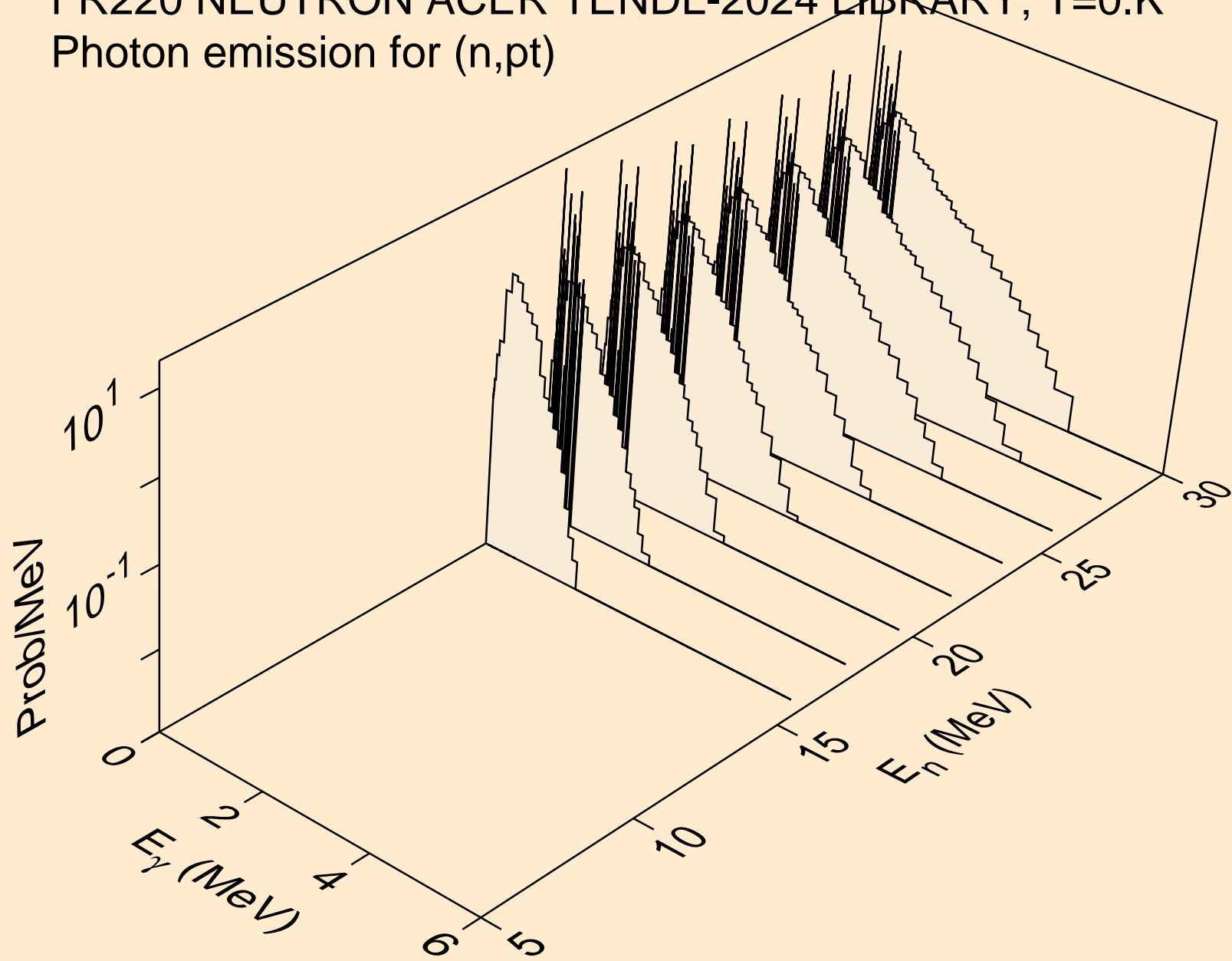
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Photon emission for (n,p α)



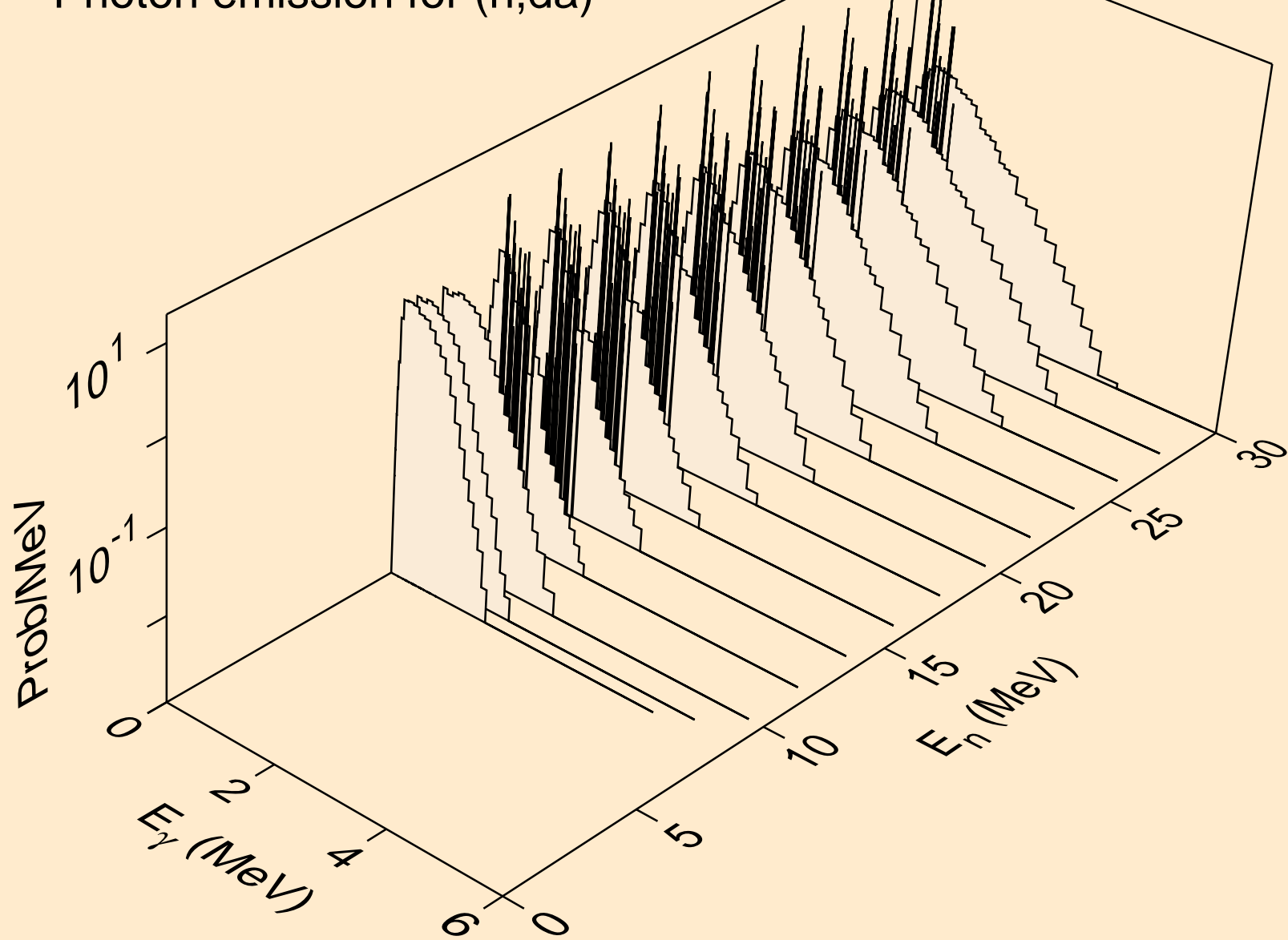
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Photon emission for (n,pd)



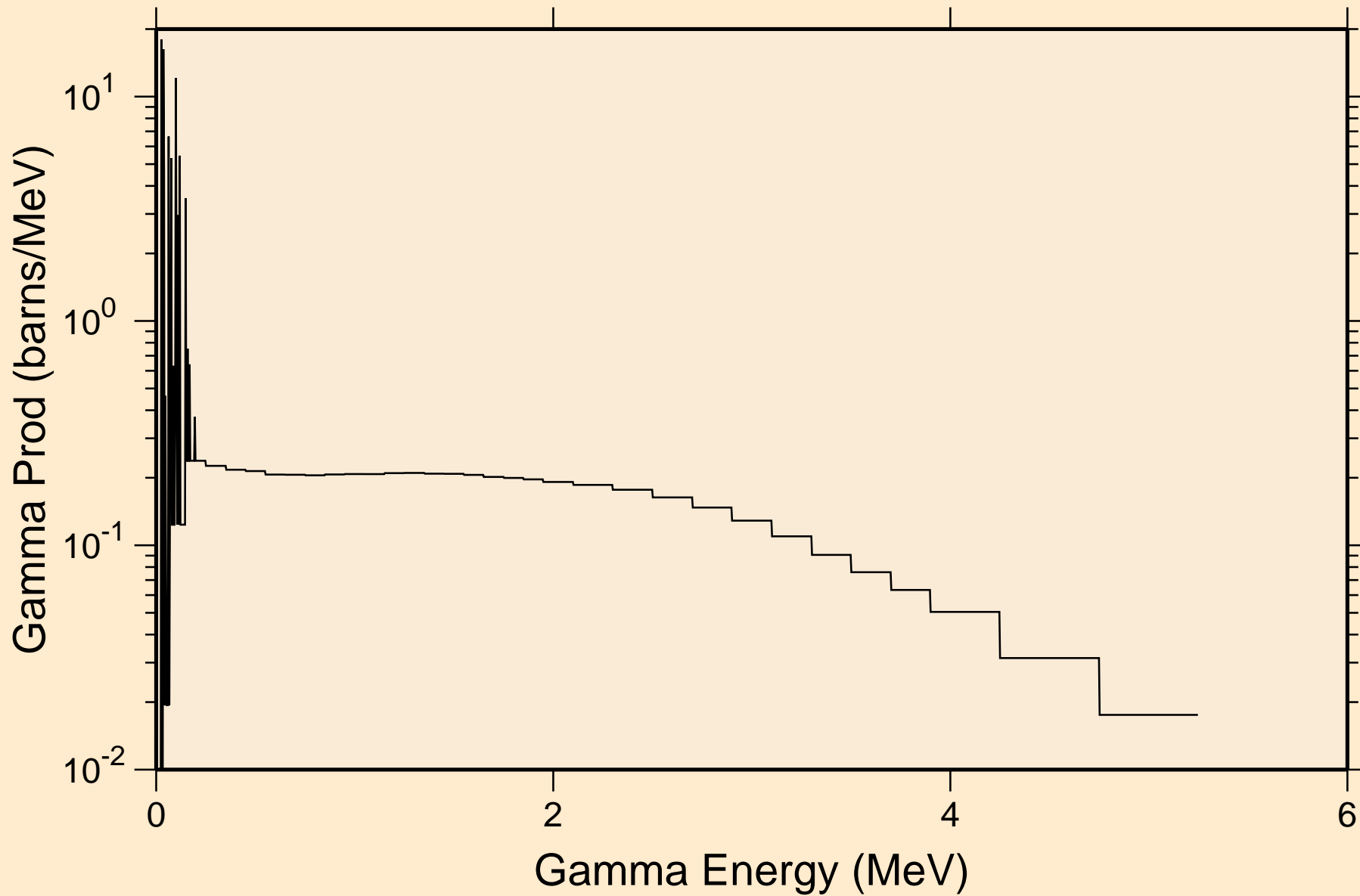
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



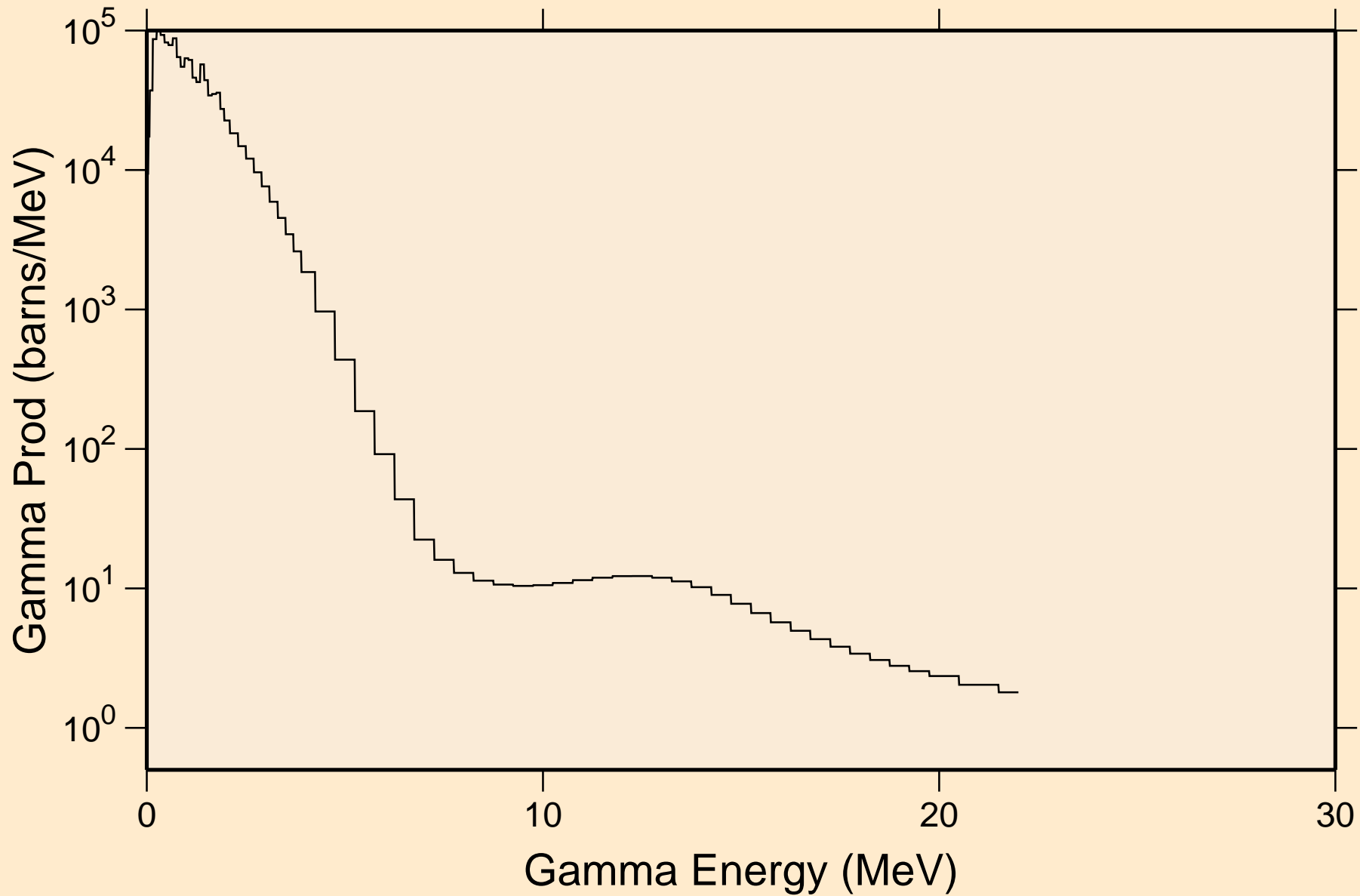
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



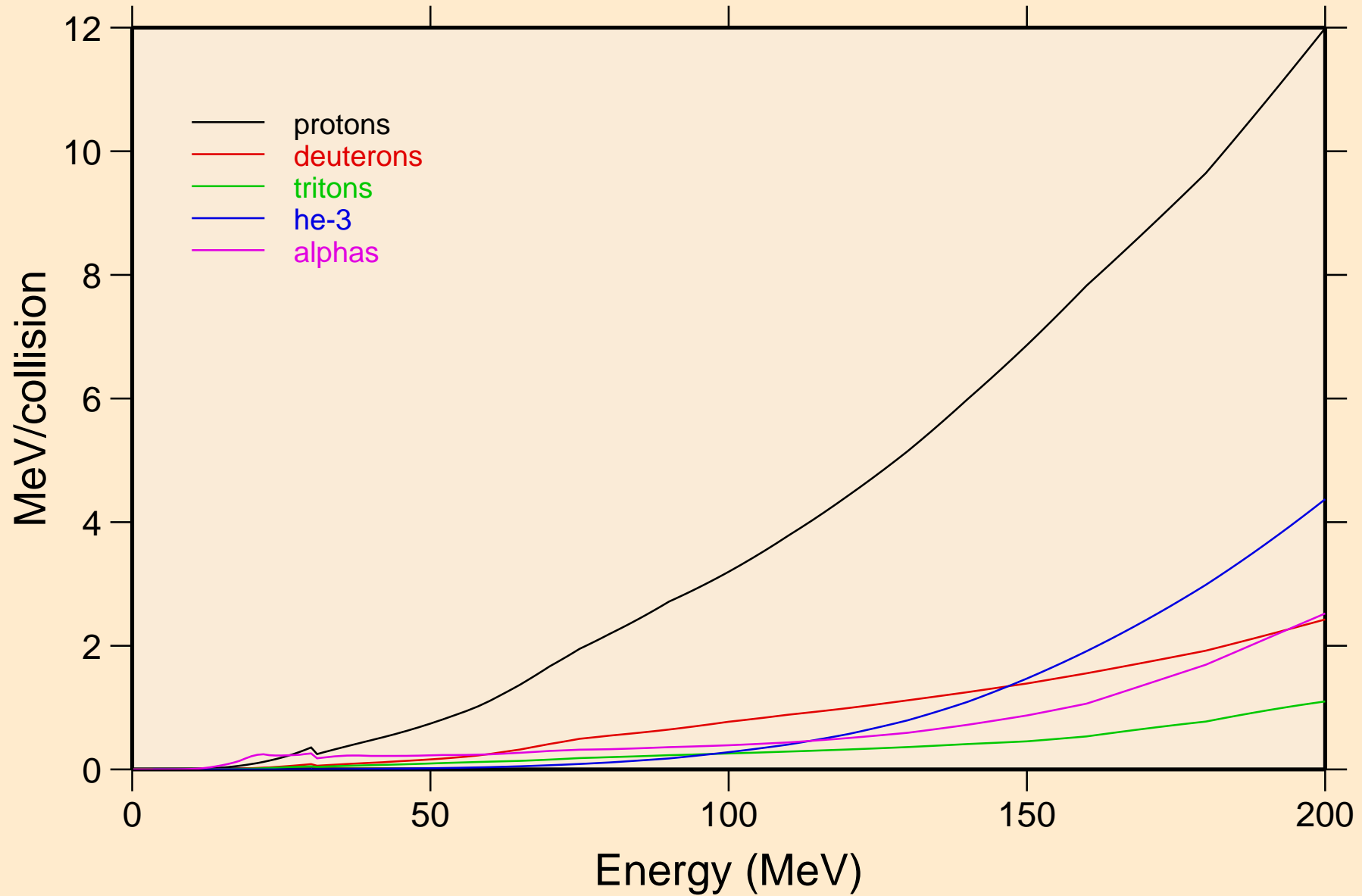
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum



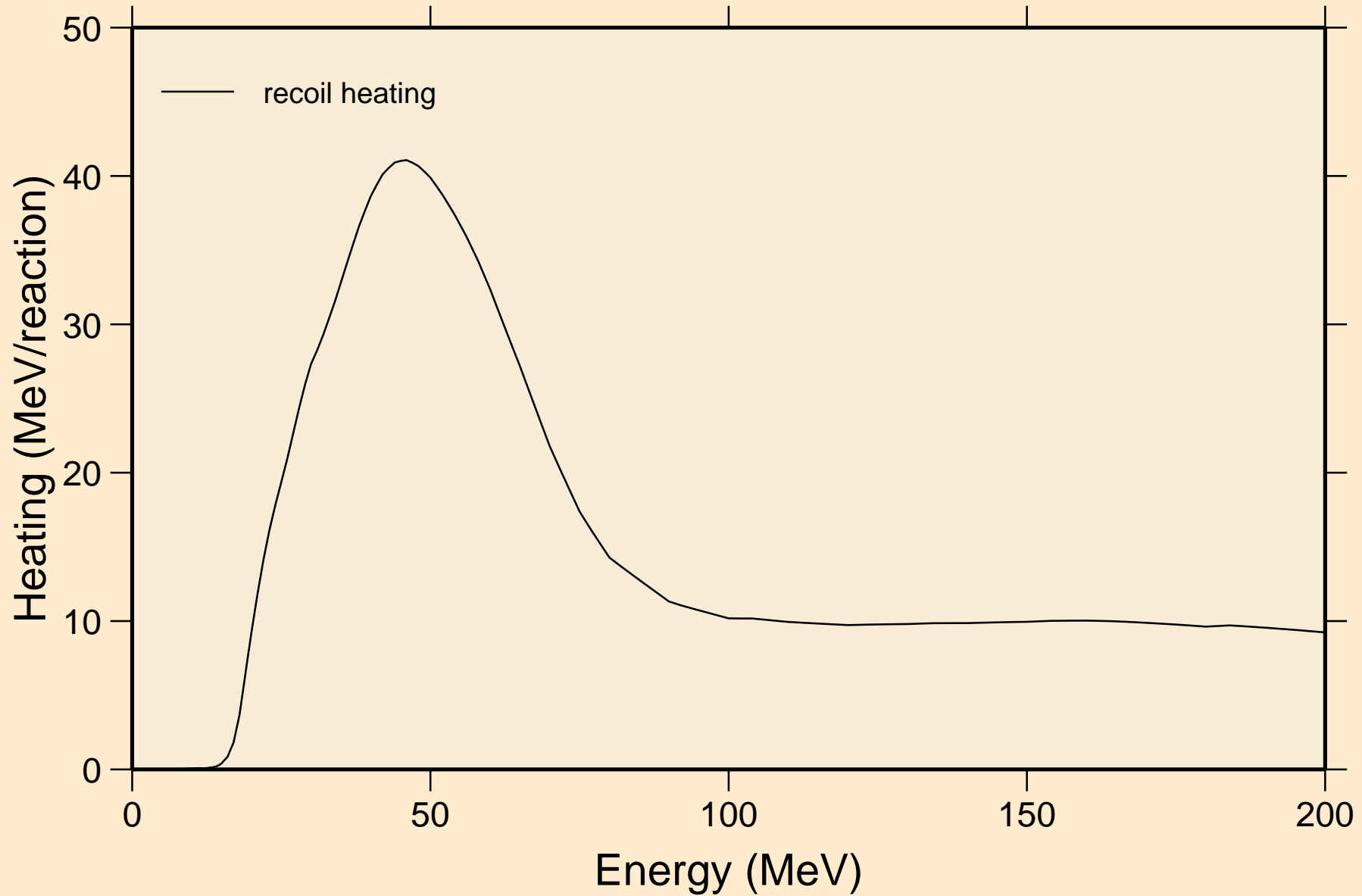
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14 MeV photon spectrum



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Particle heating contributions

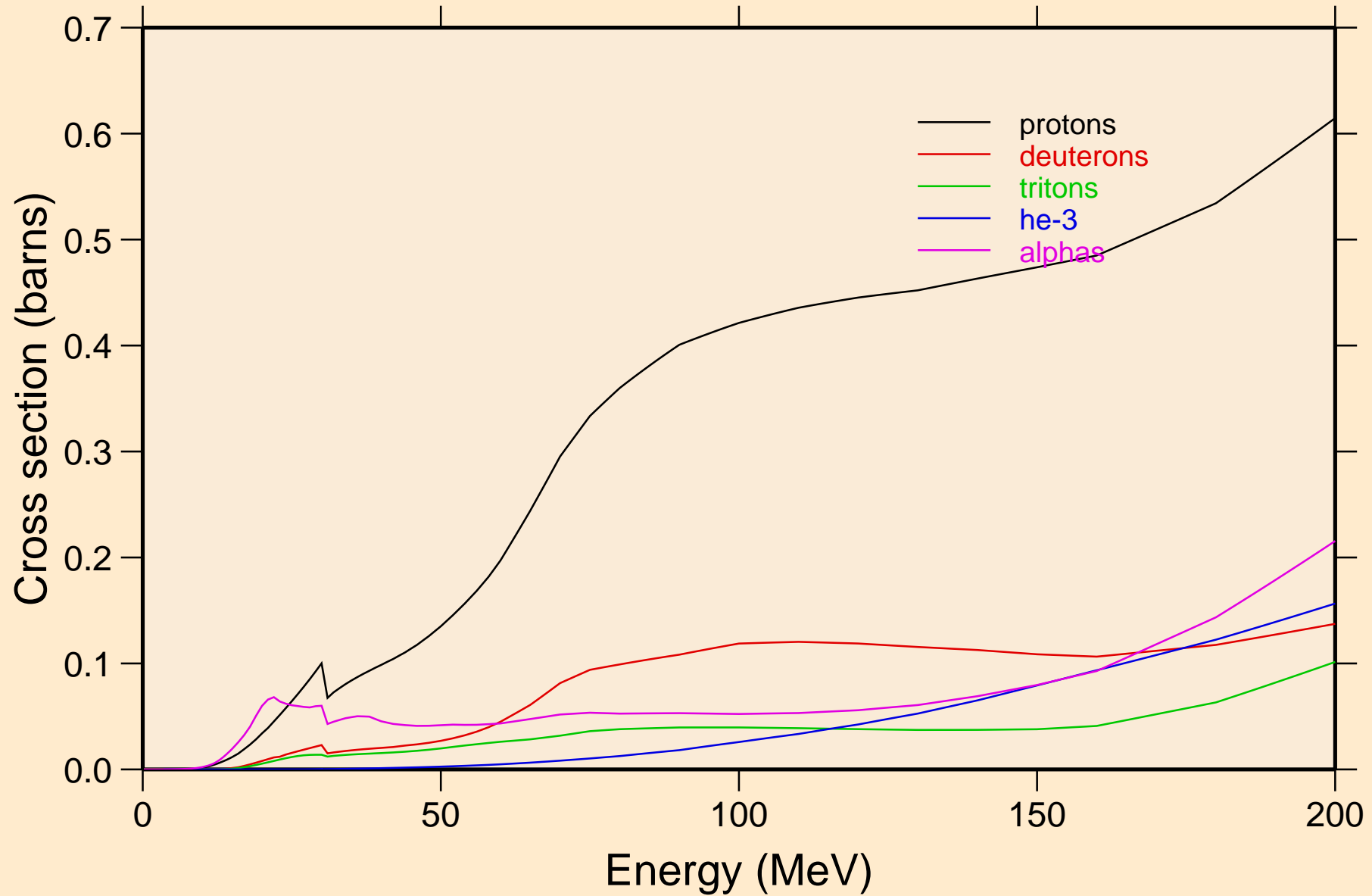


FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating

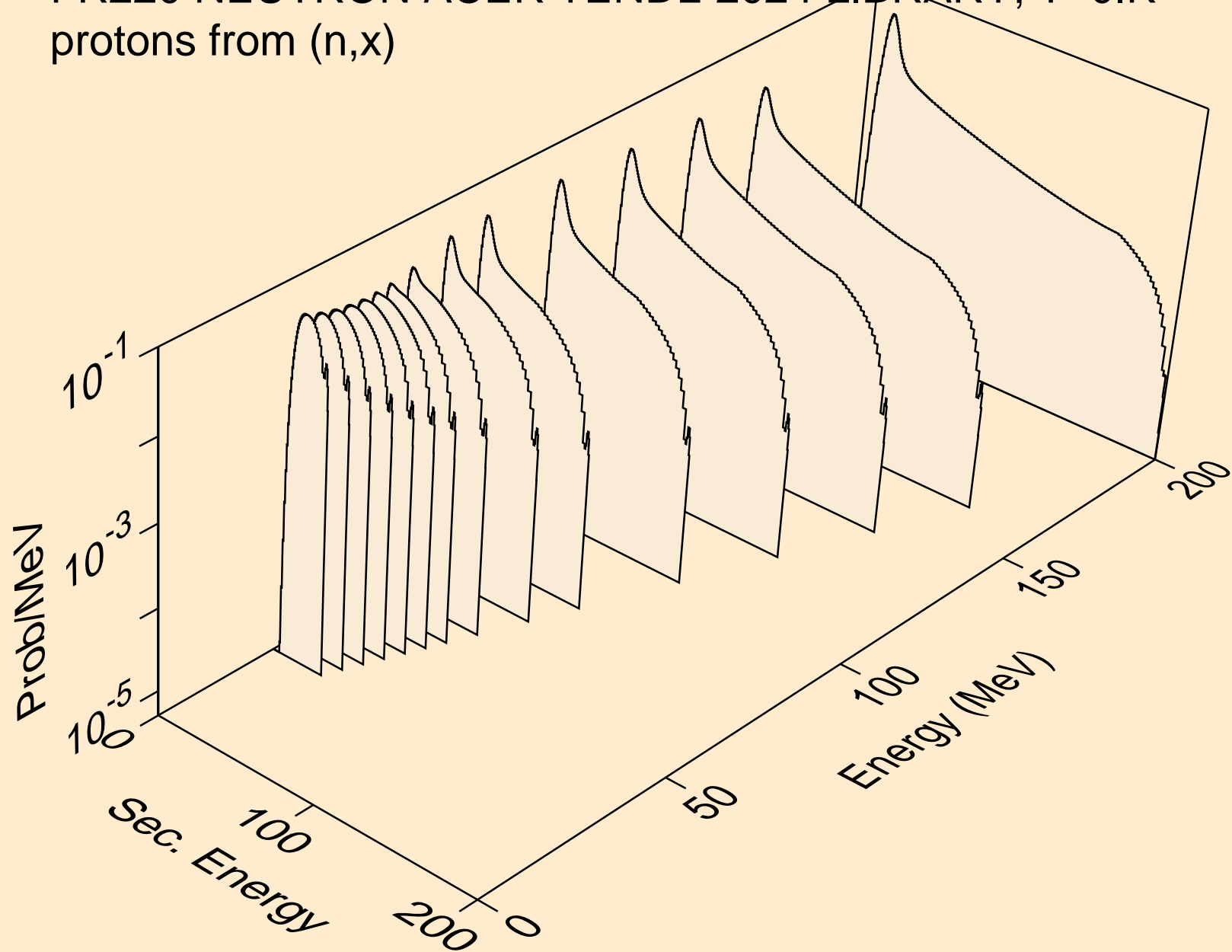


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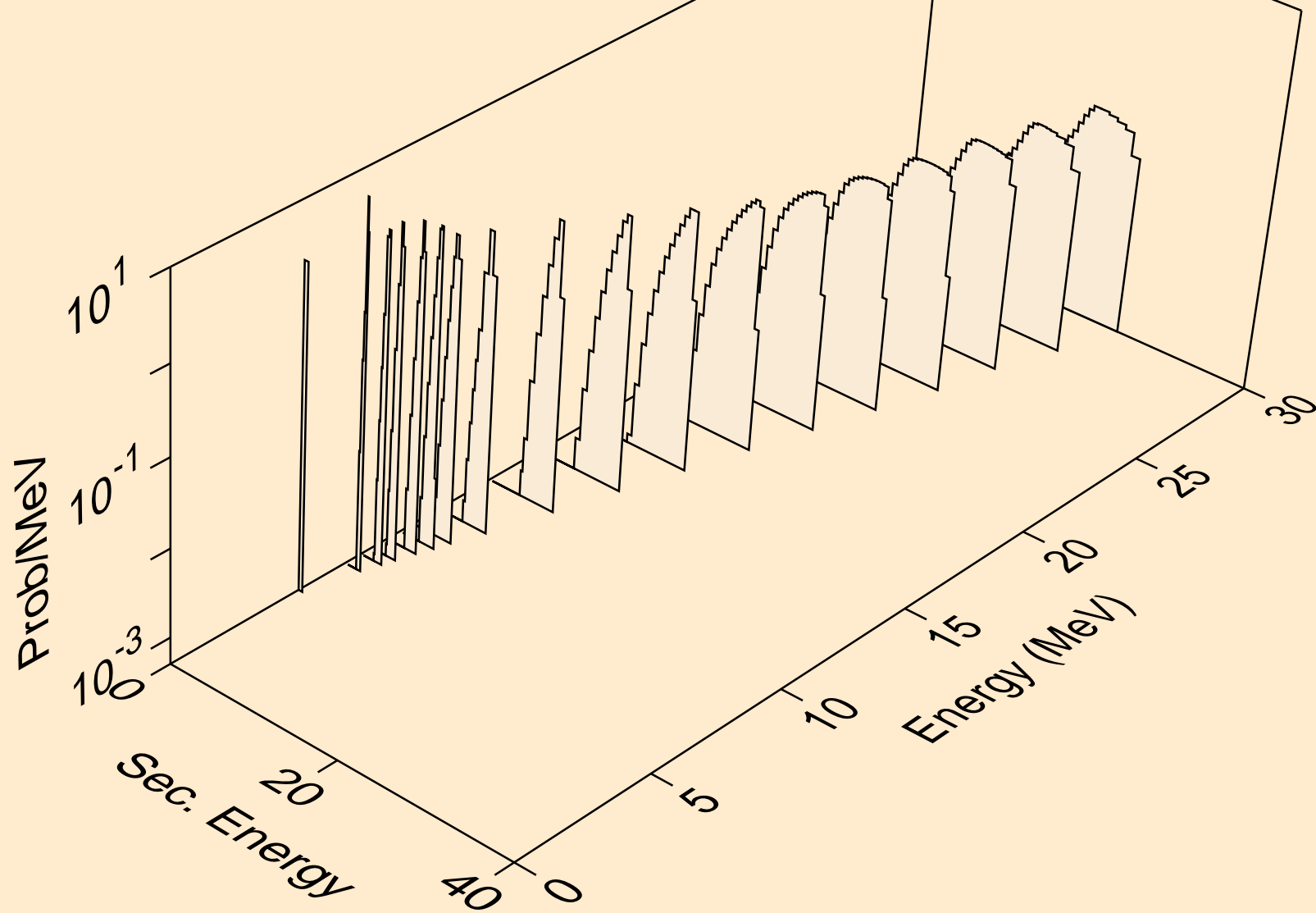
Particle production cross sections



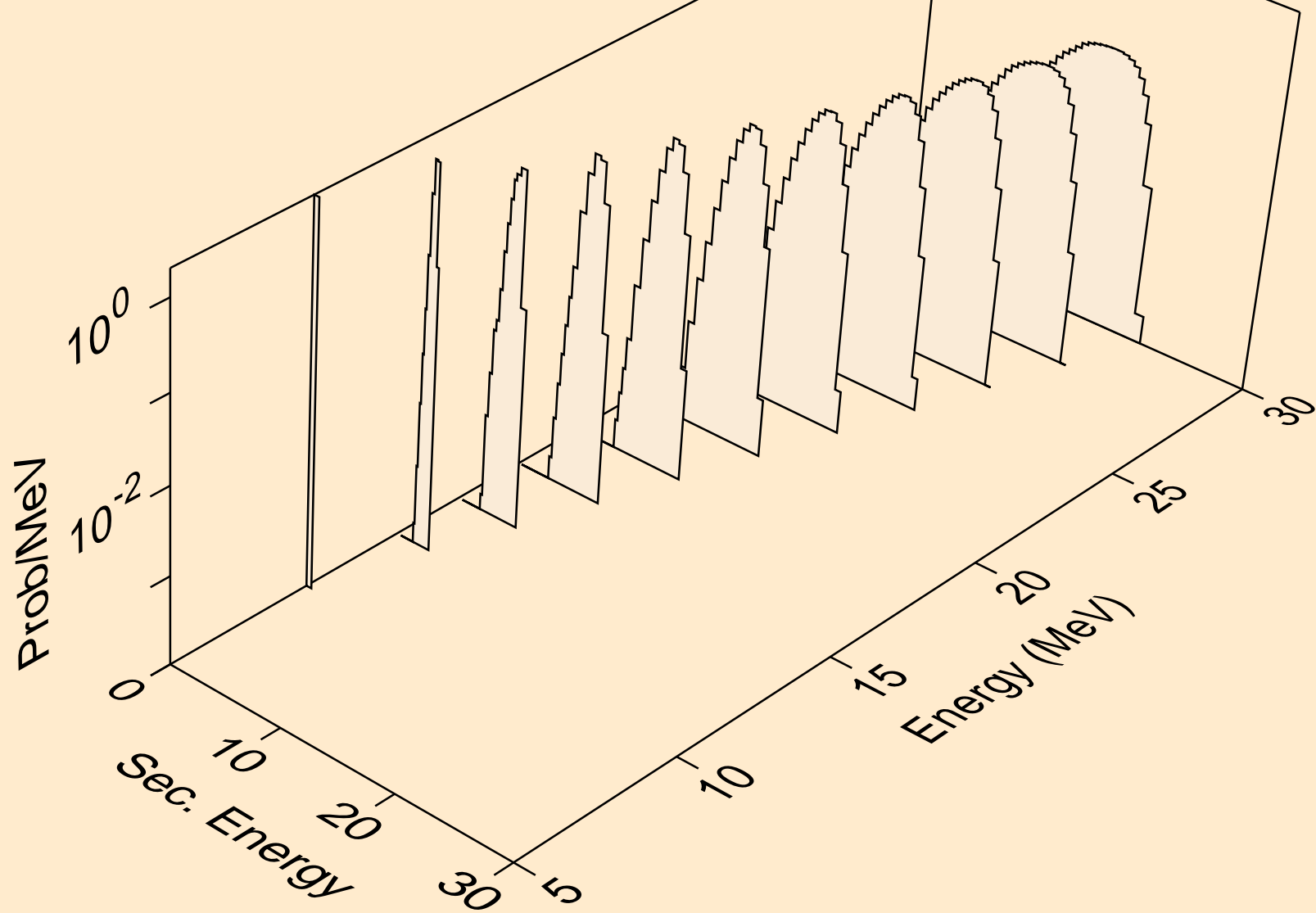
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



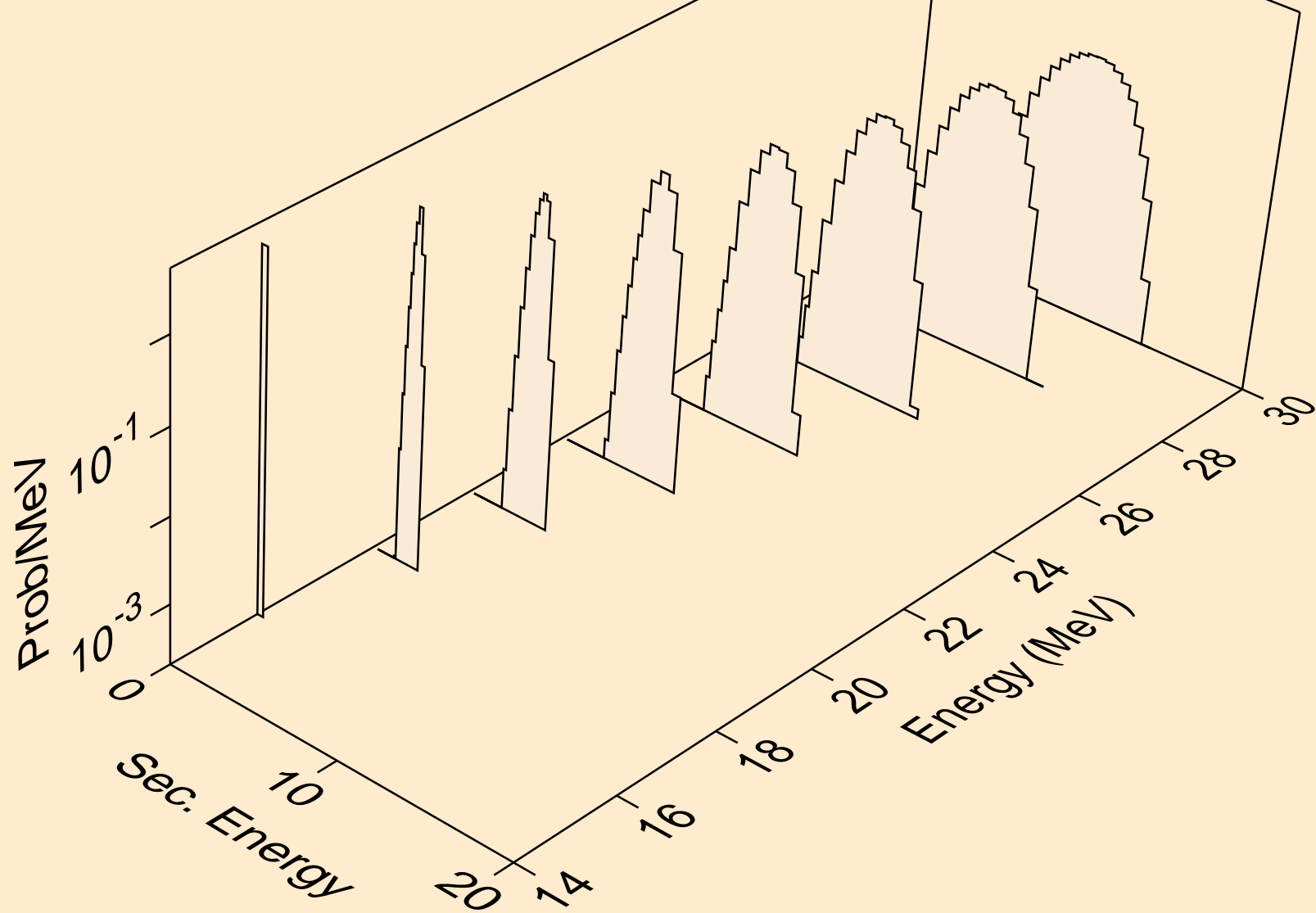
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



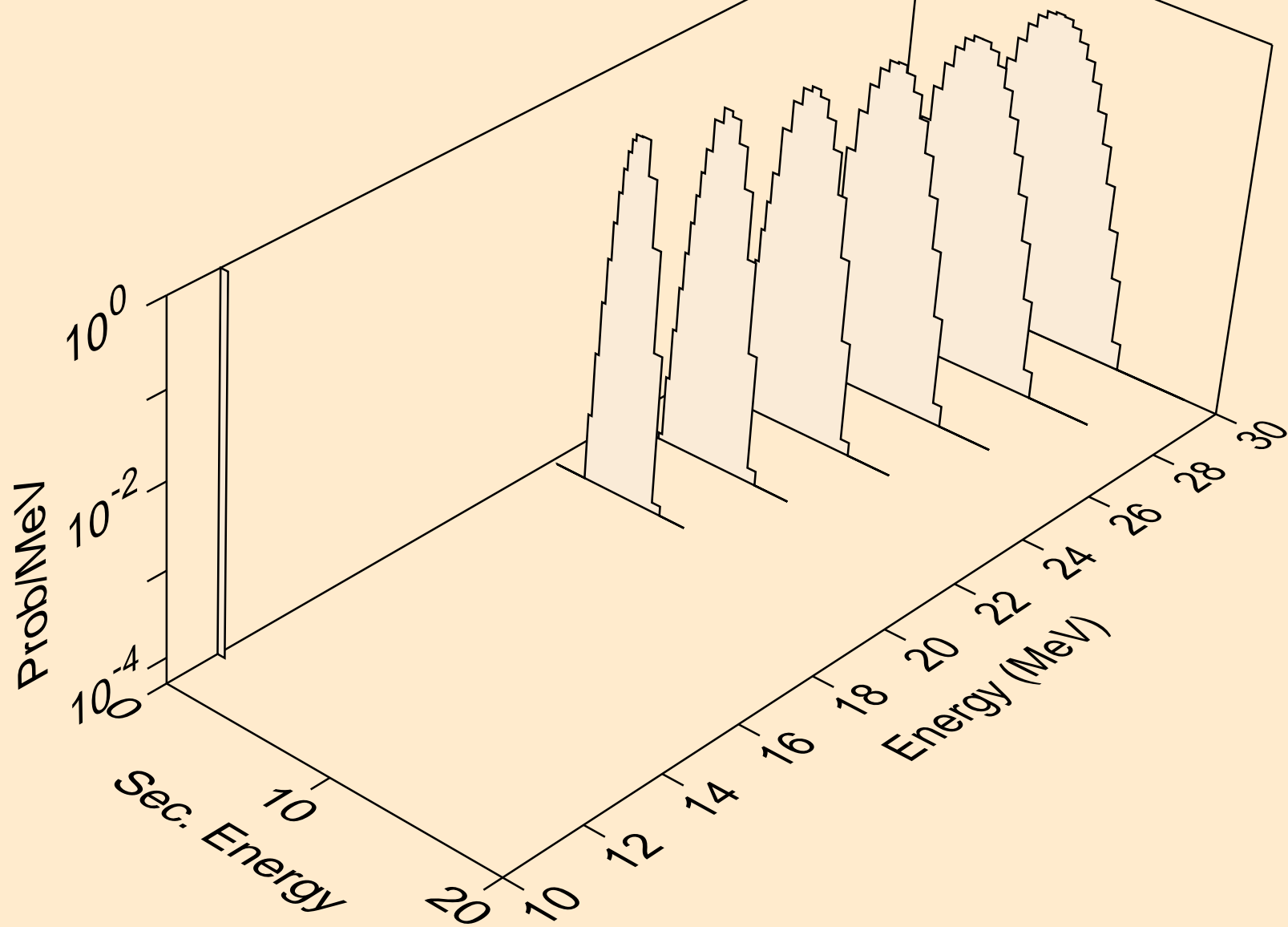
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protons from (n,2np)



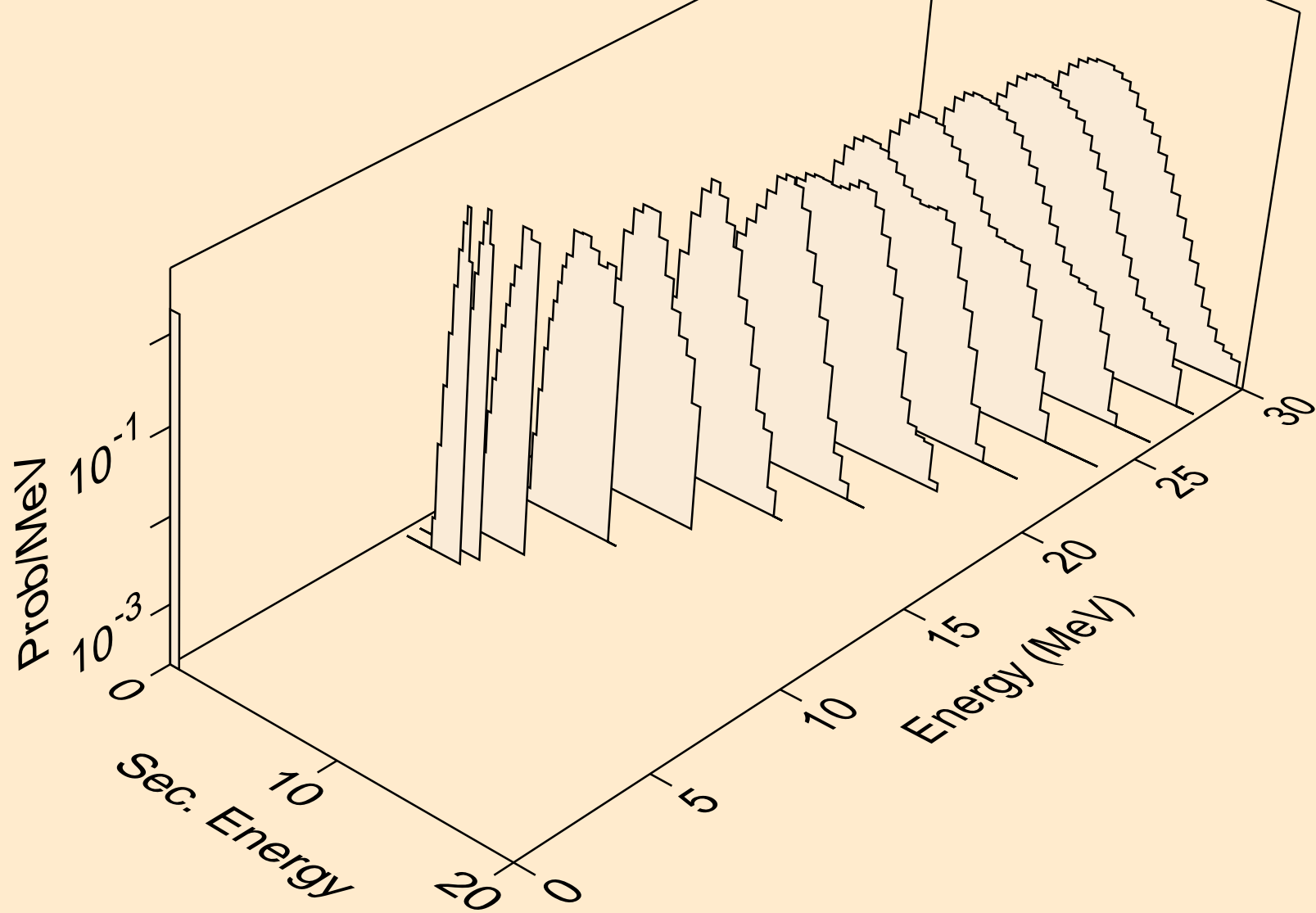
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protons from (n,3np)



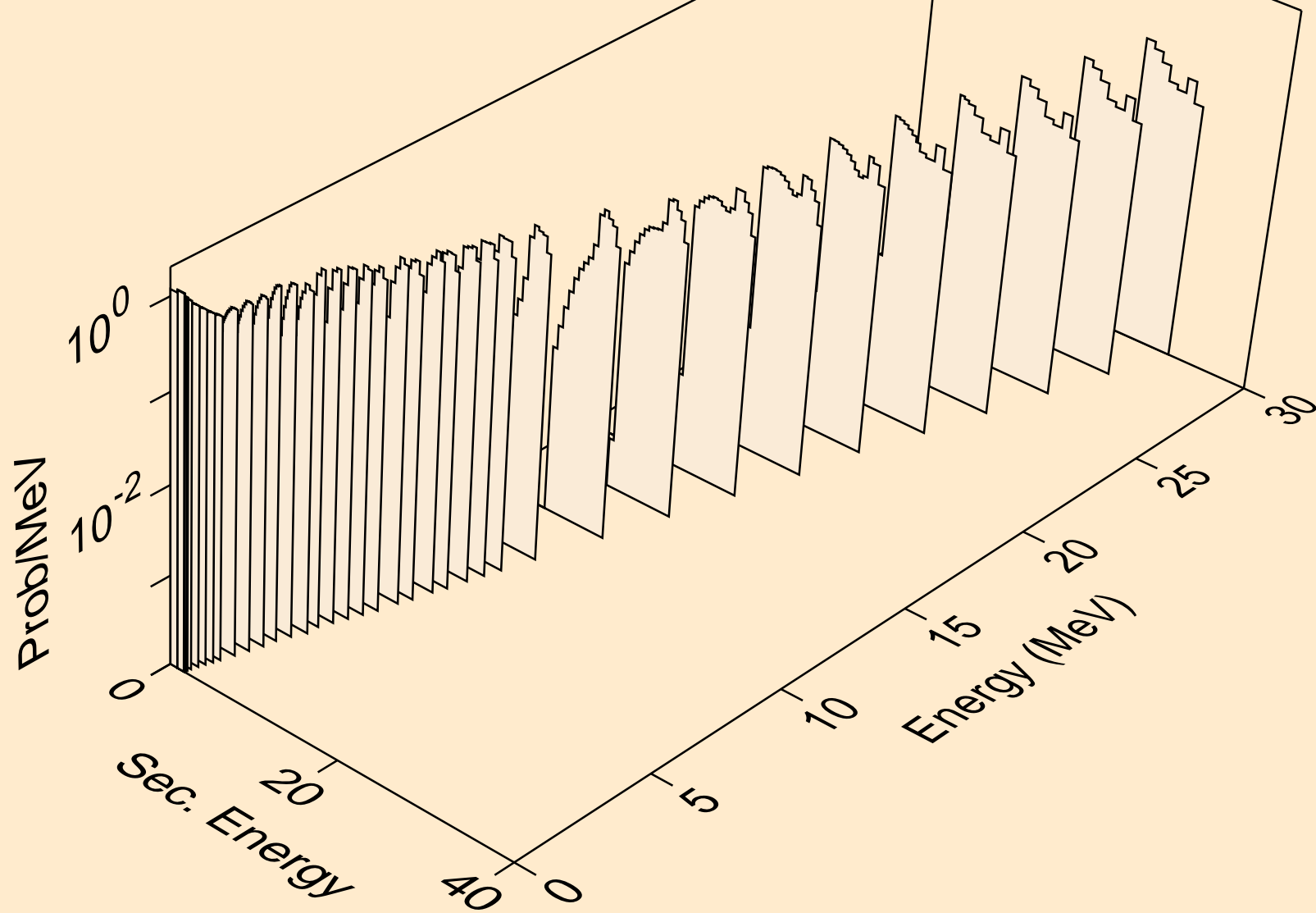
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protons from (n,n2p)



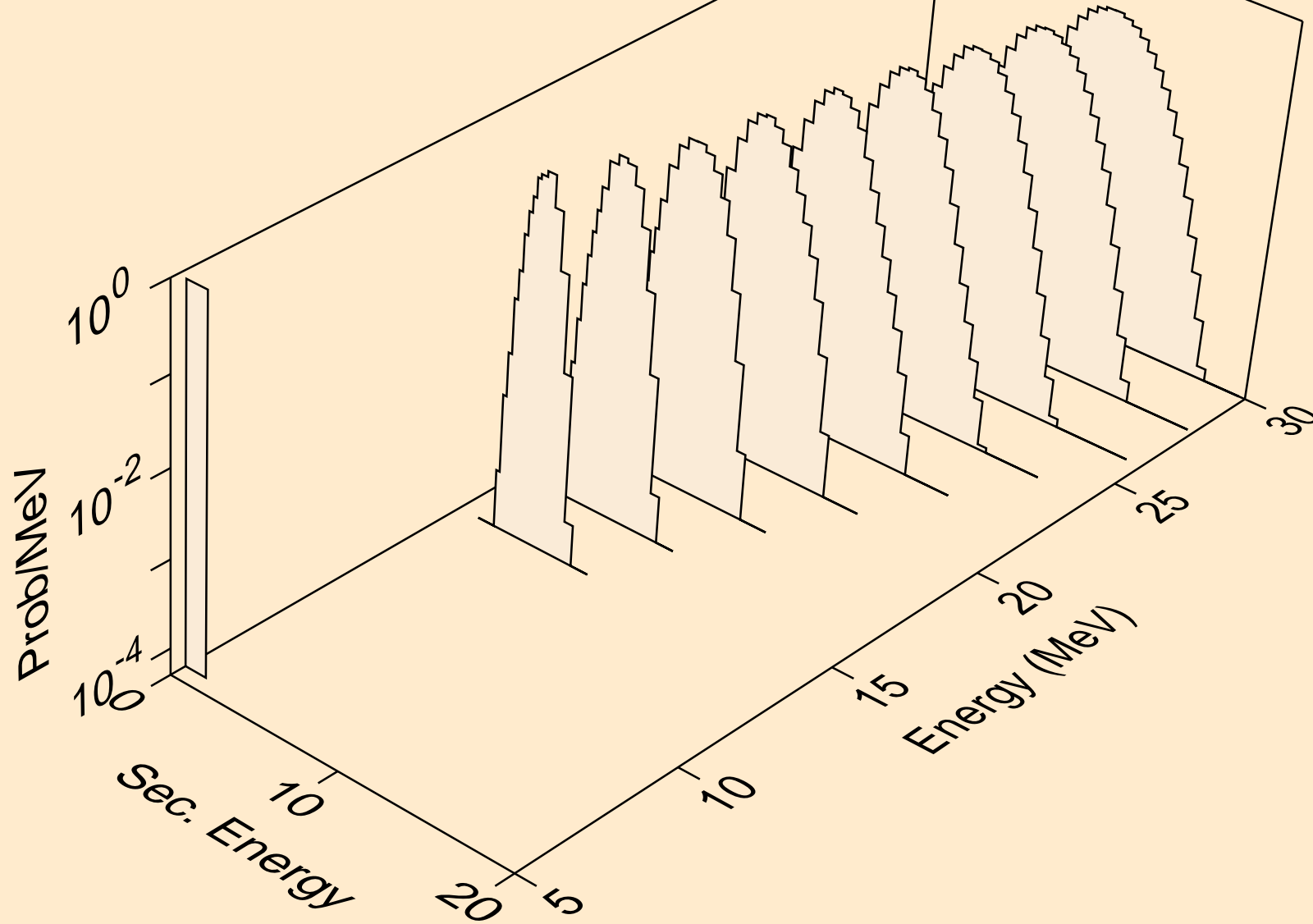
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protons from (n,npa)



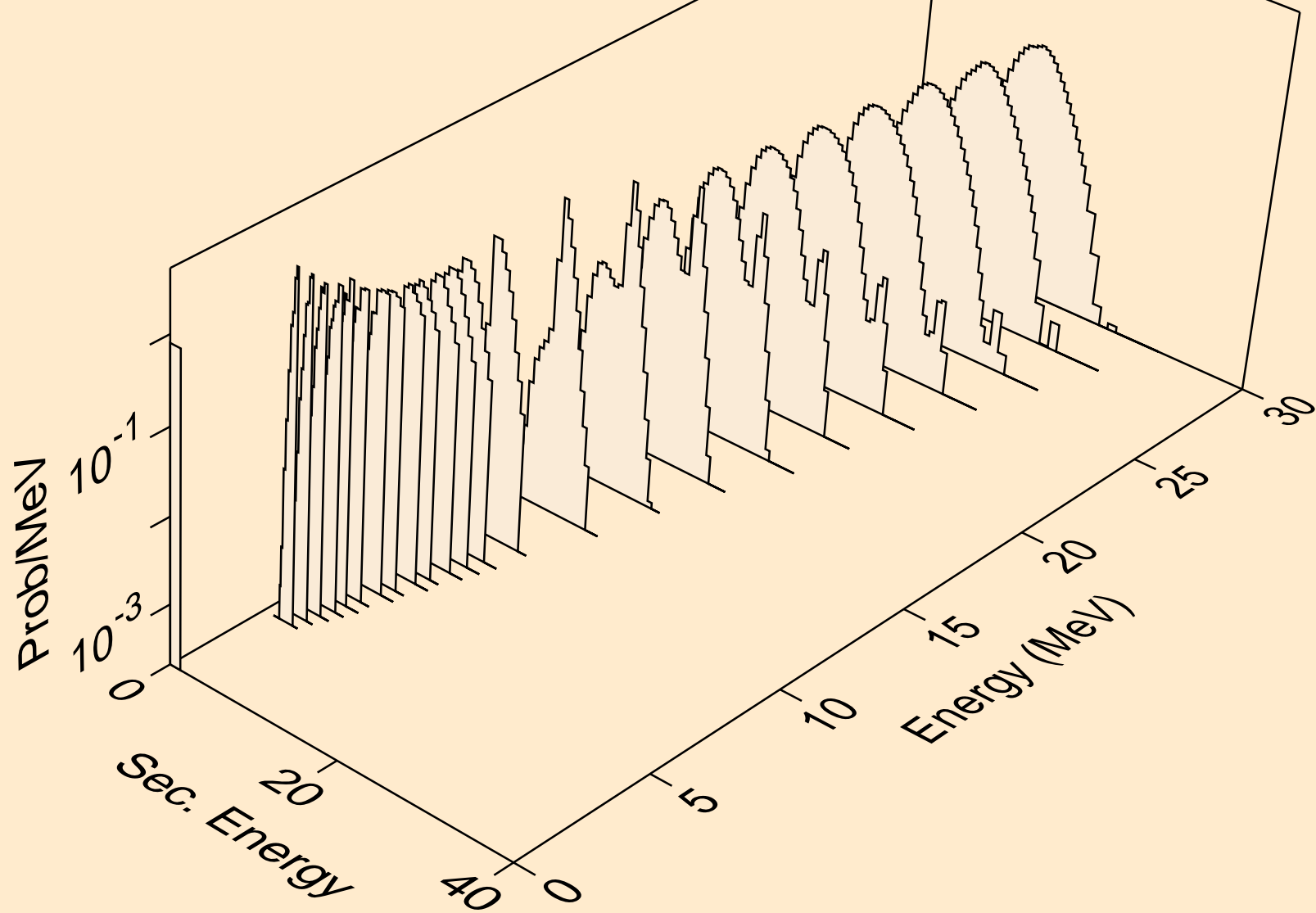
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protons from (n,p)



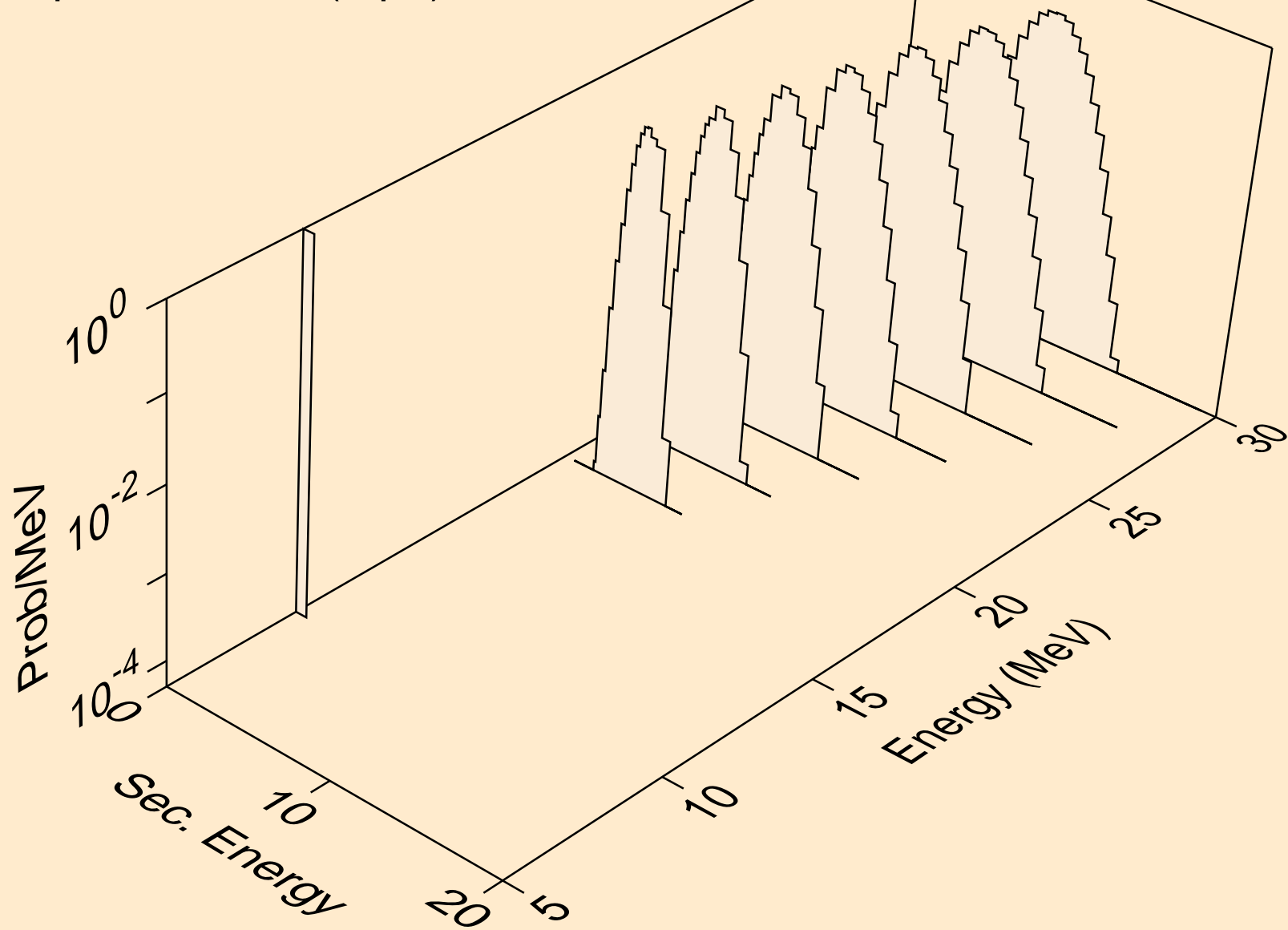
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protons from (n,2p)



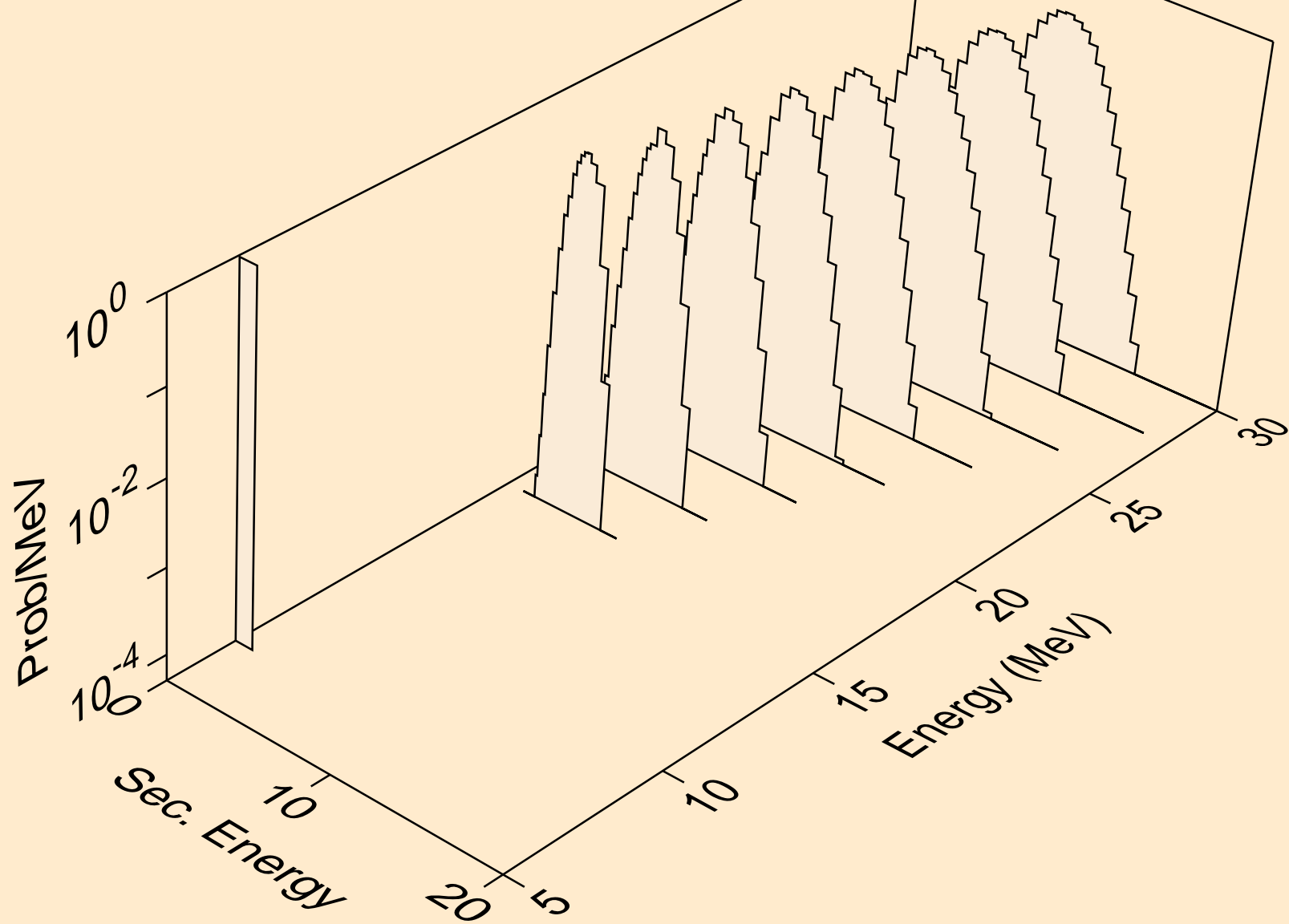
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protons from (n,p)



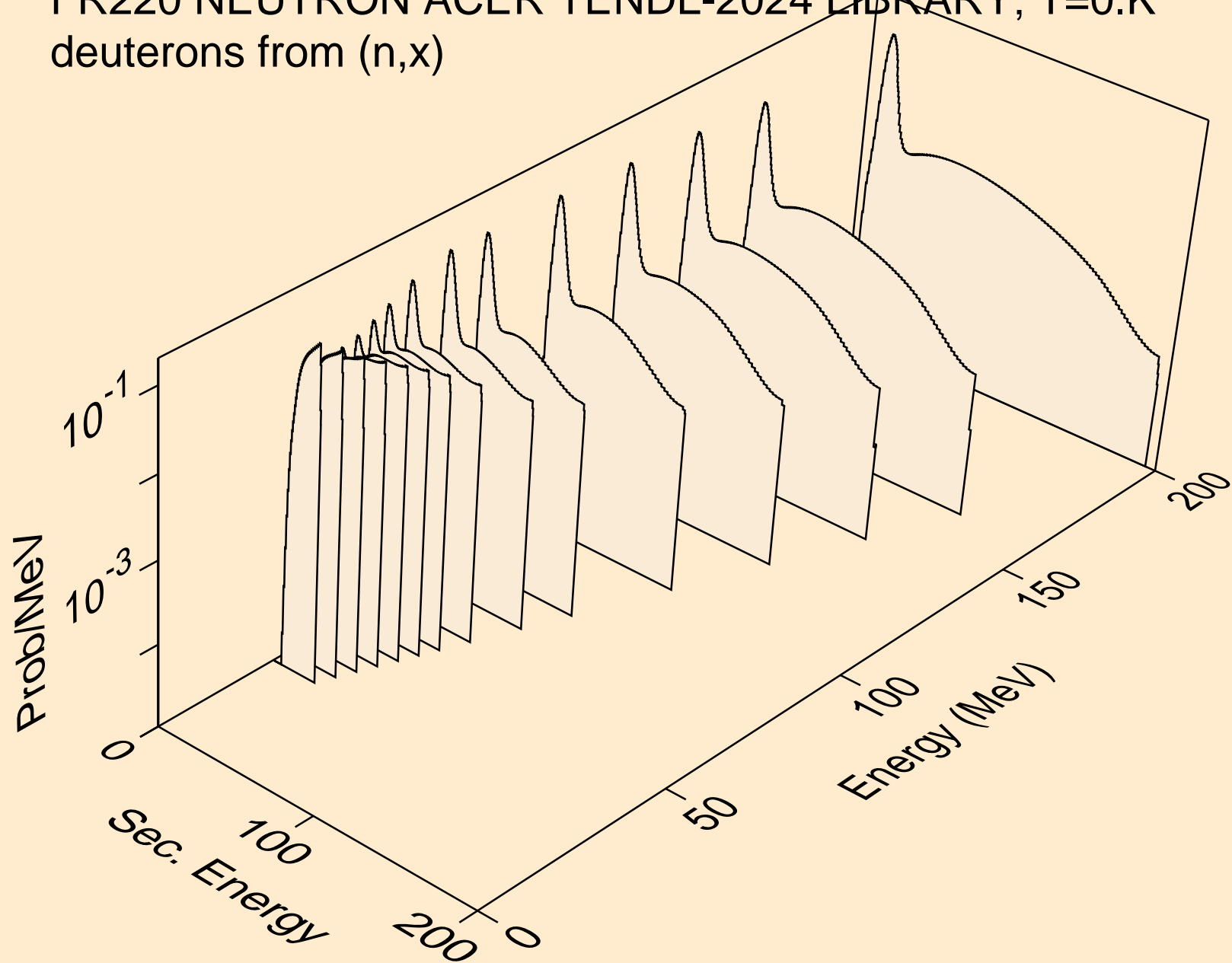
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protons from (n,pd)



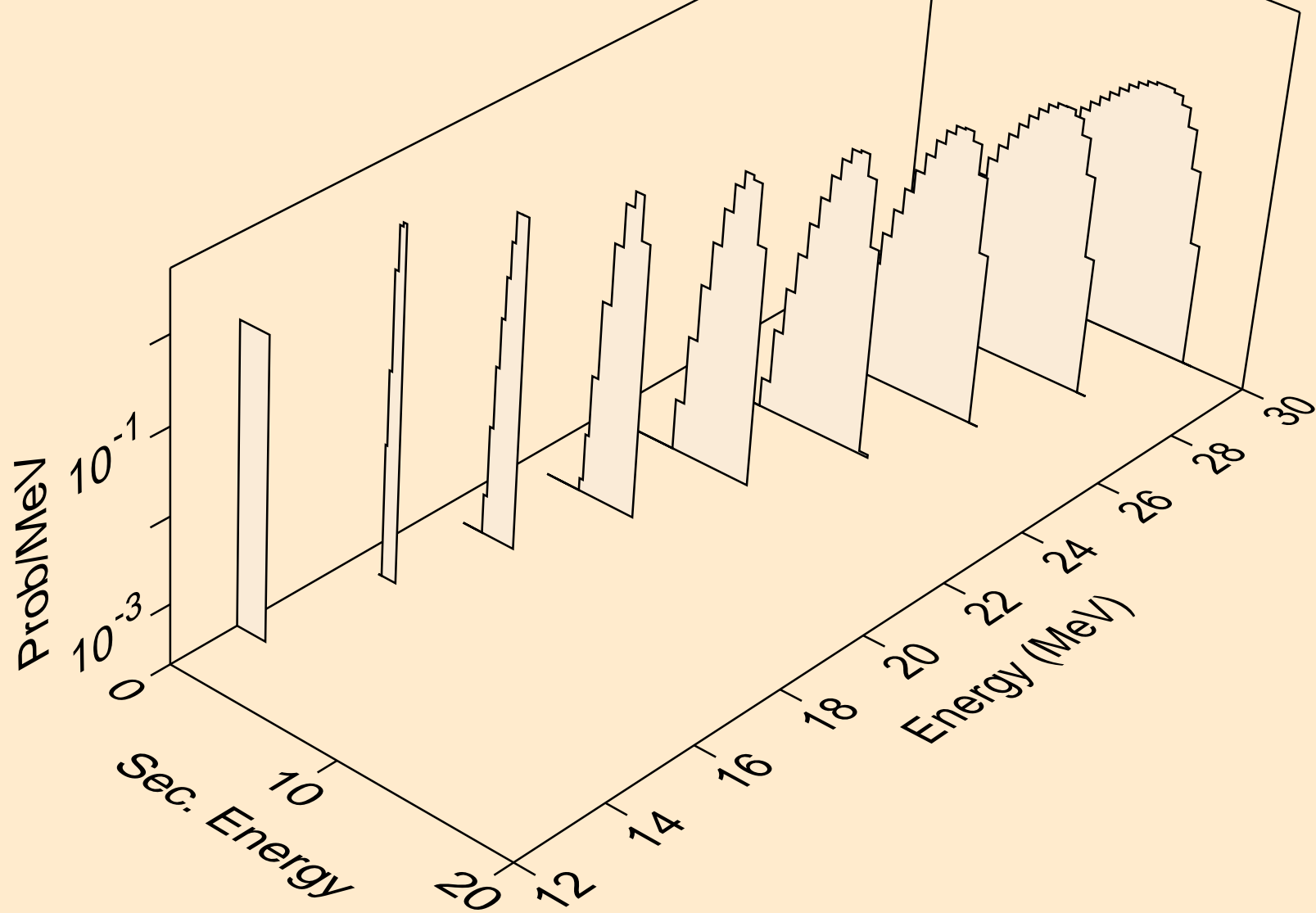
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protons from (n,pt)



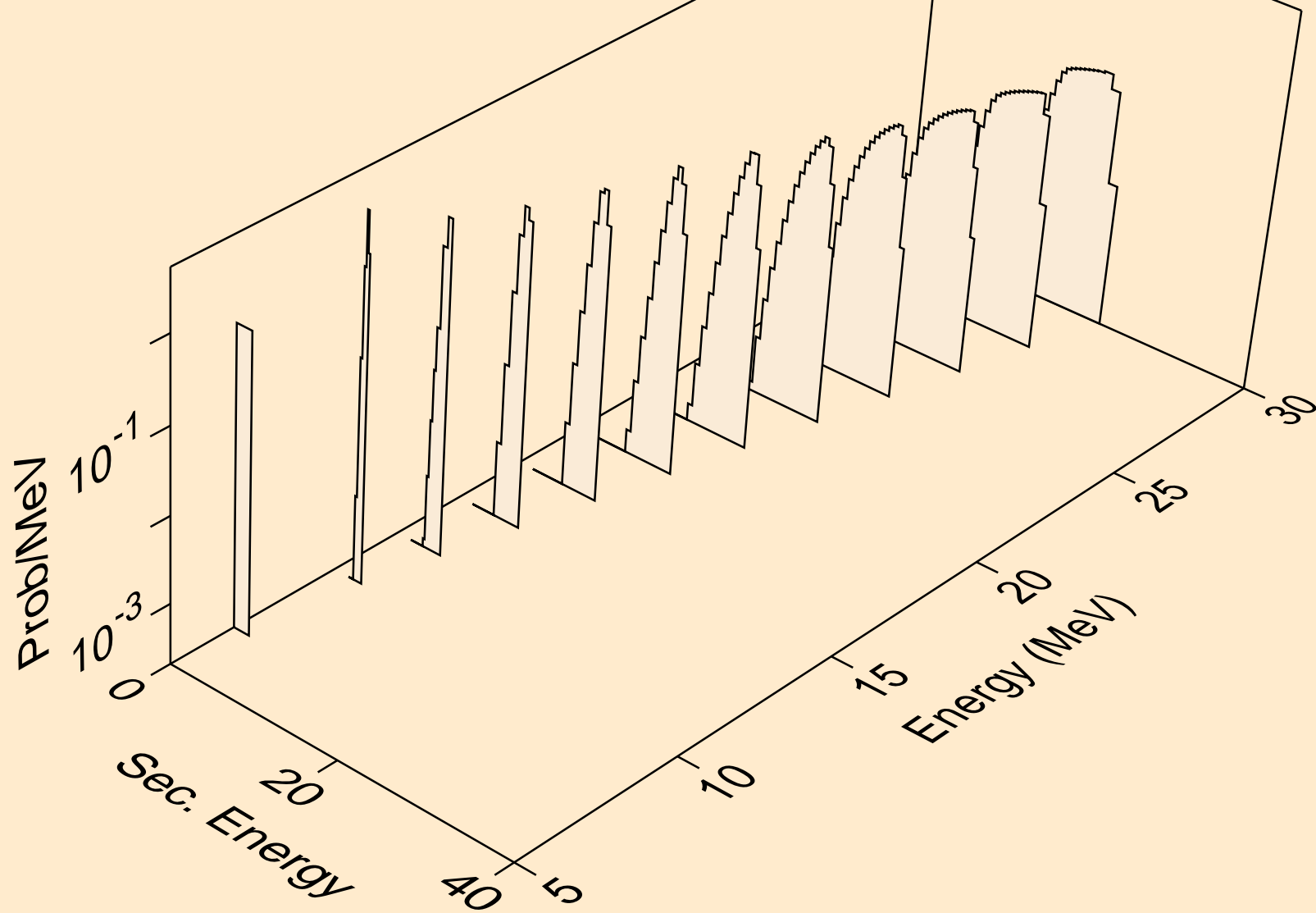
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deuterons from (n,x)



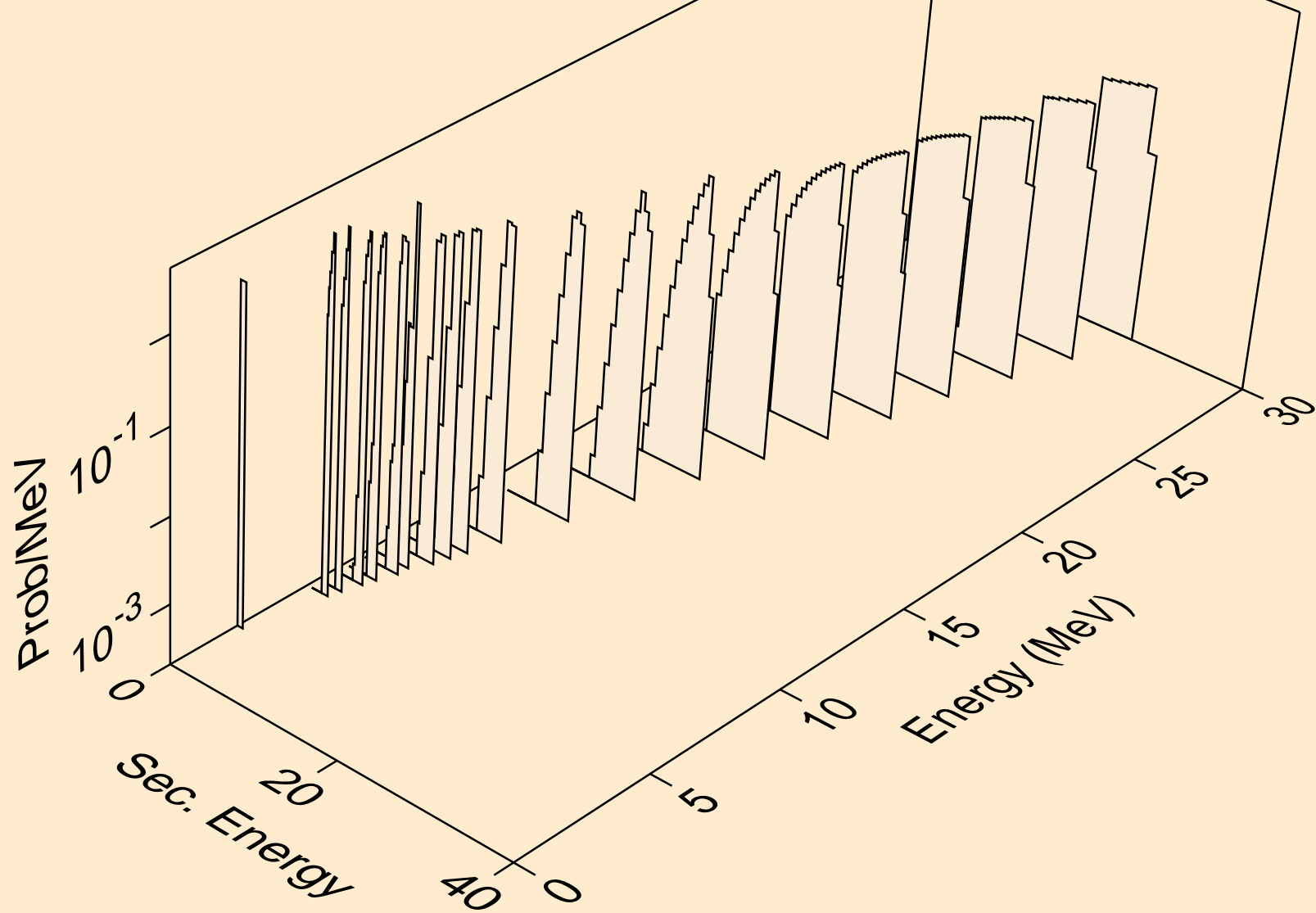
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deuterons from (n,2nd)



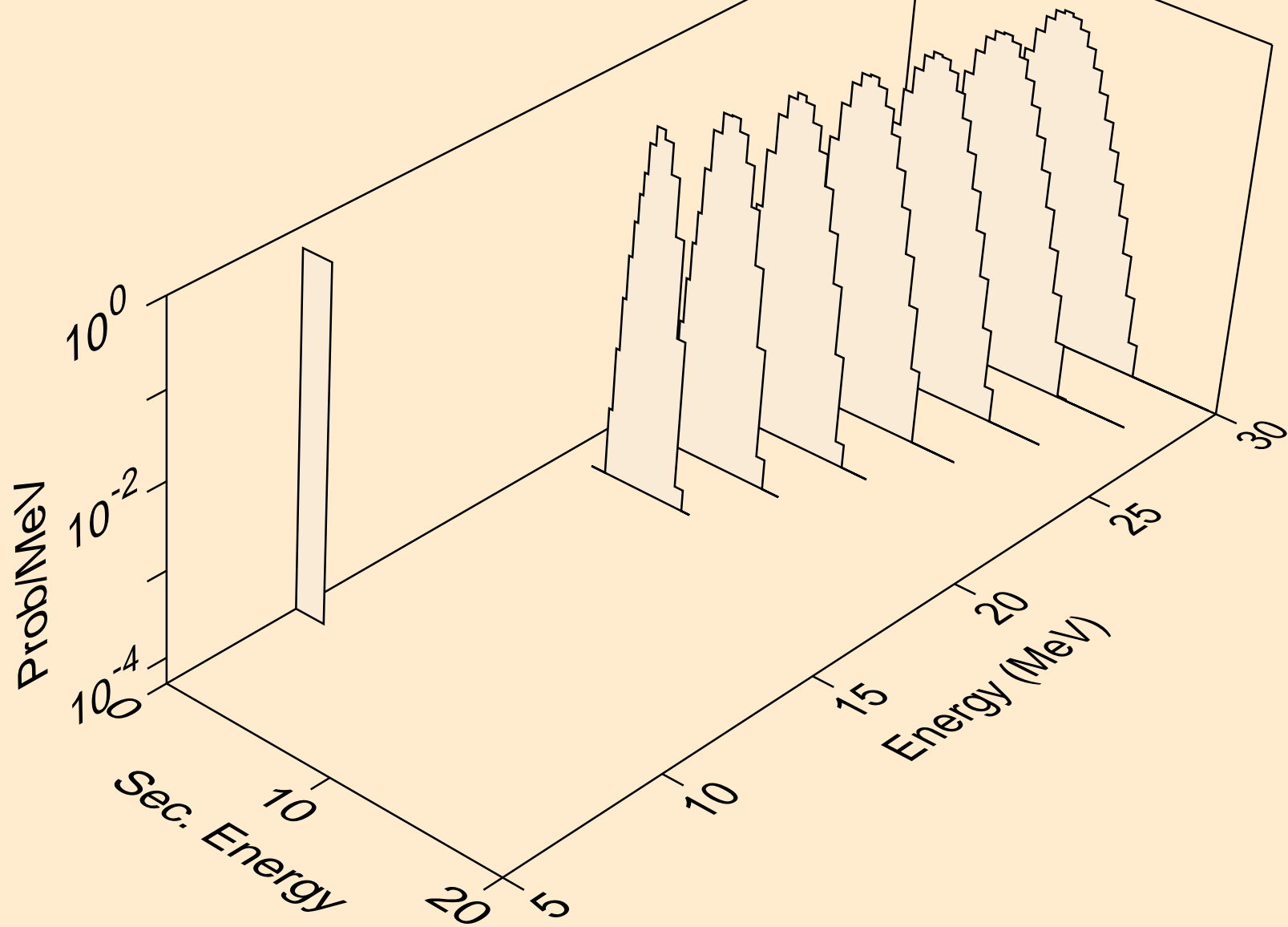
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



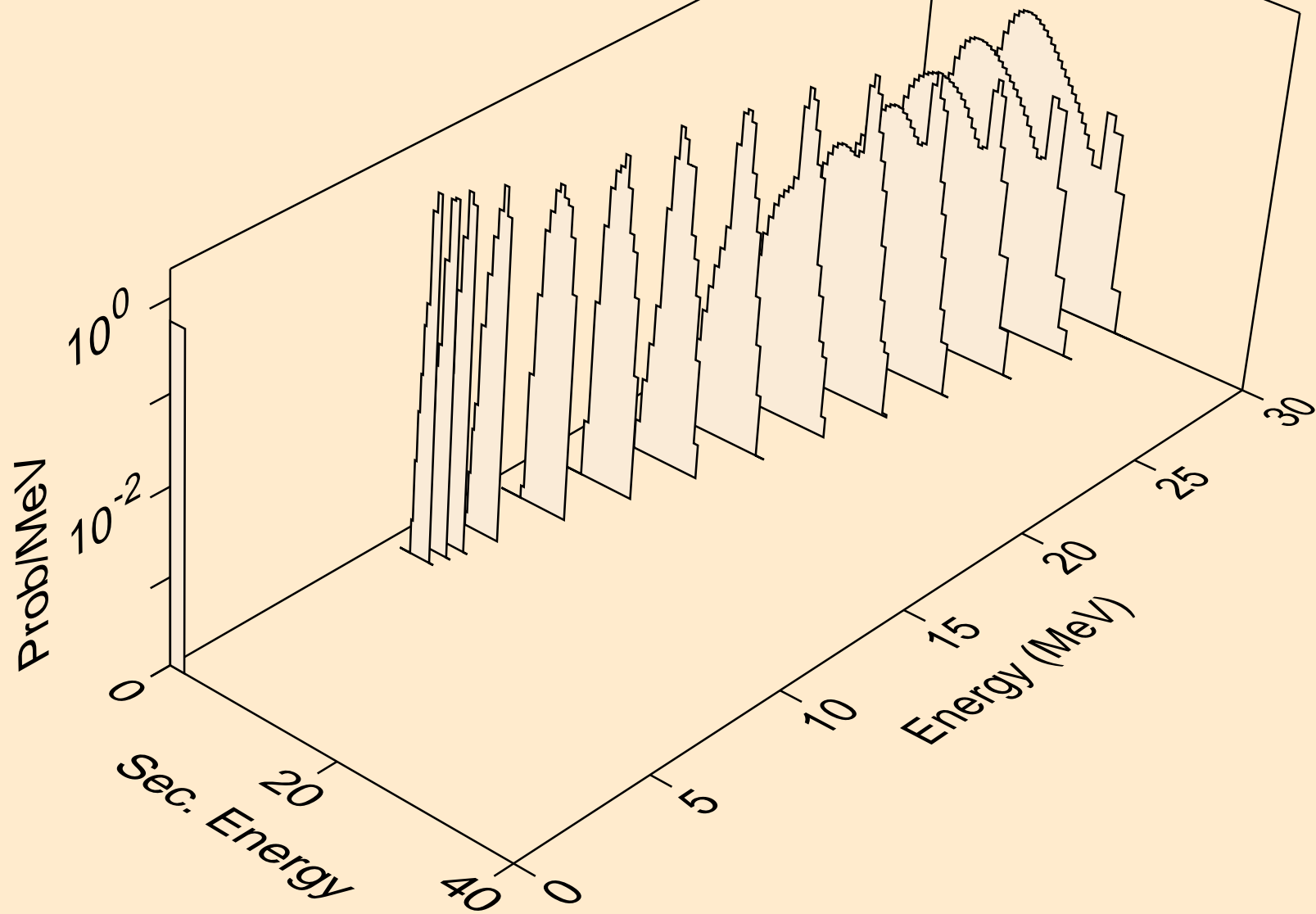
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deuterons from (n,d)



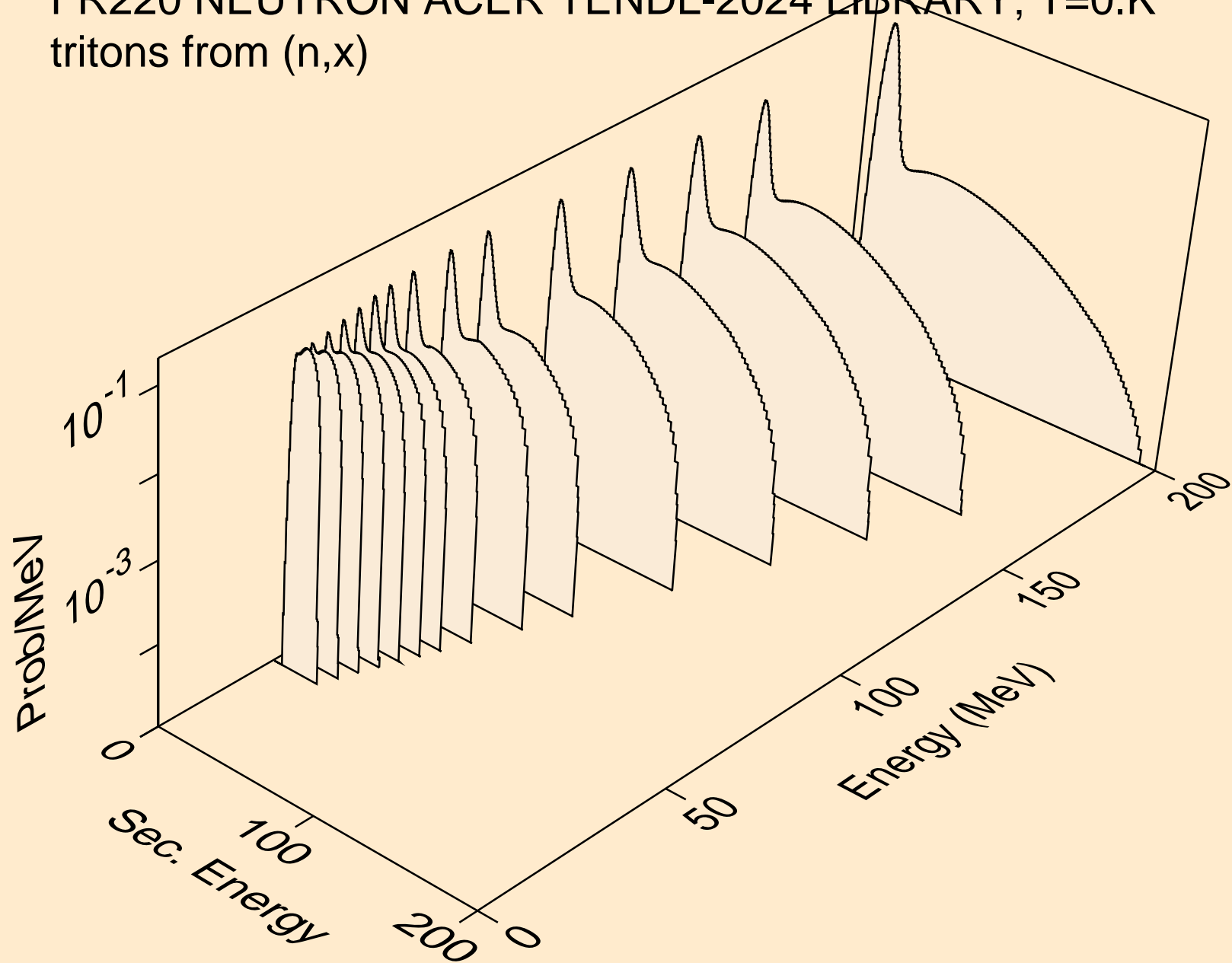
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deuterons from (n,pd)



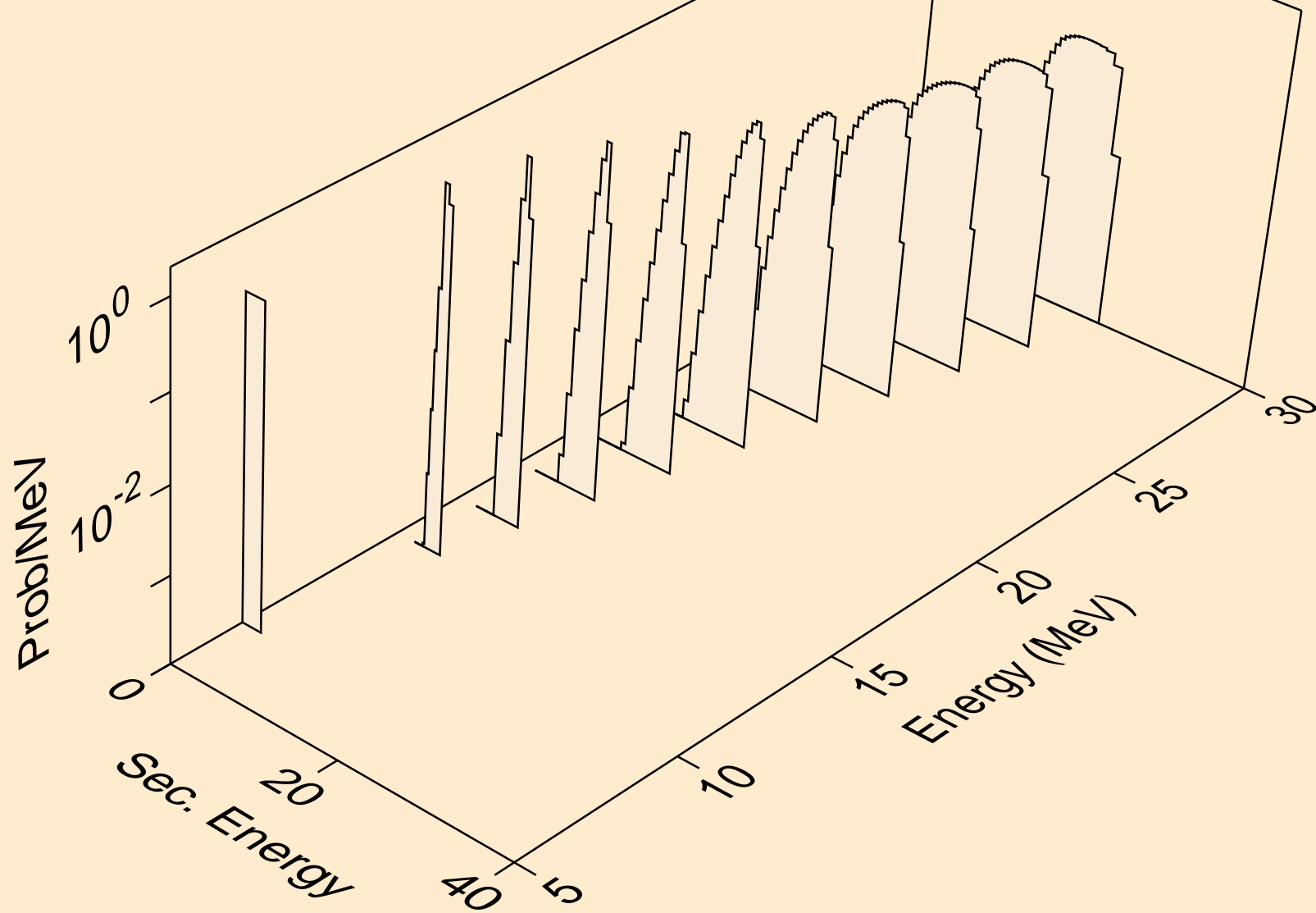
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deuterons from (n,da)



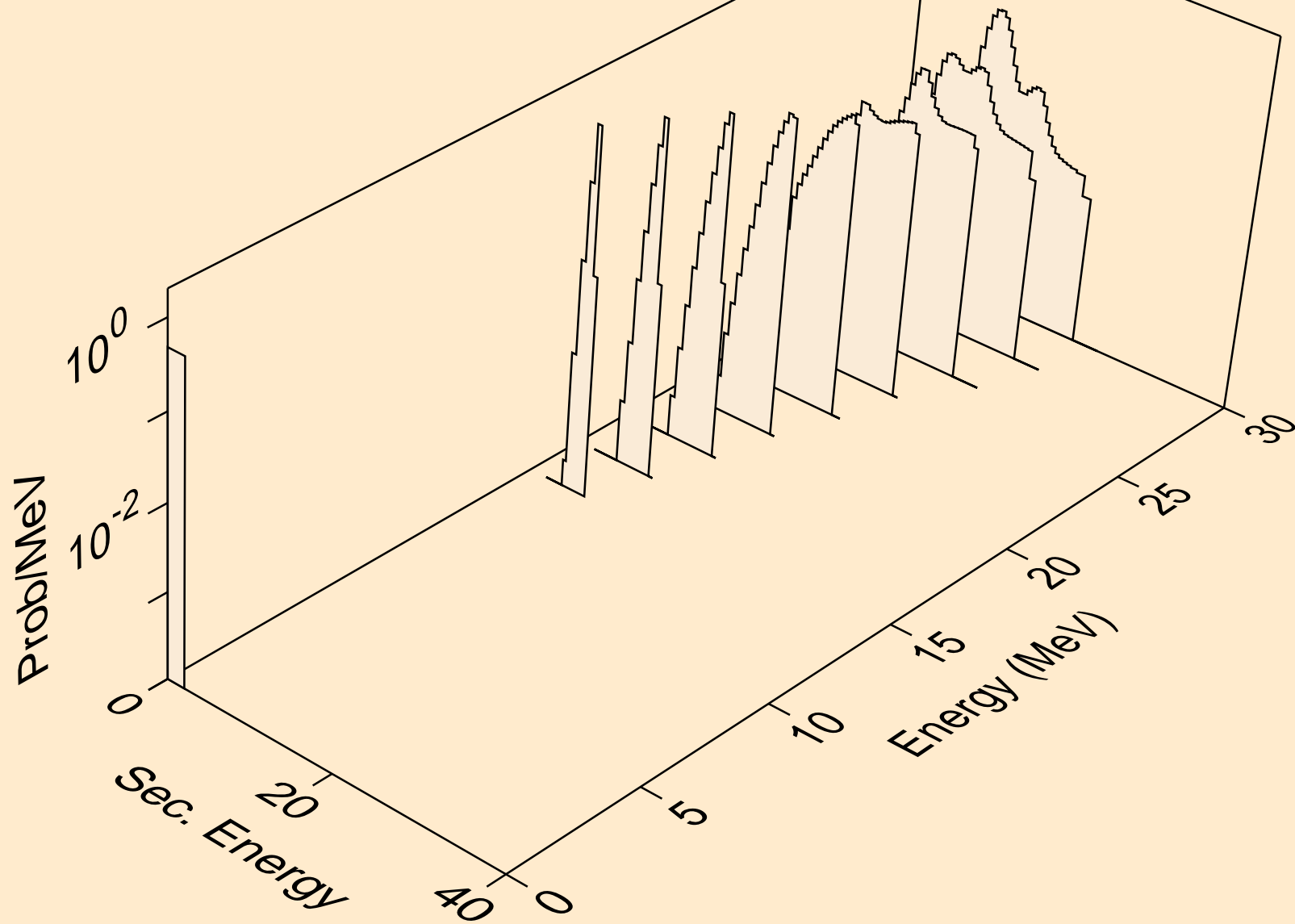
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tritons from (n,x)



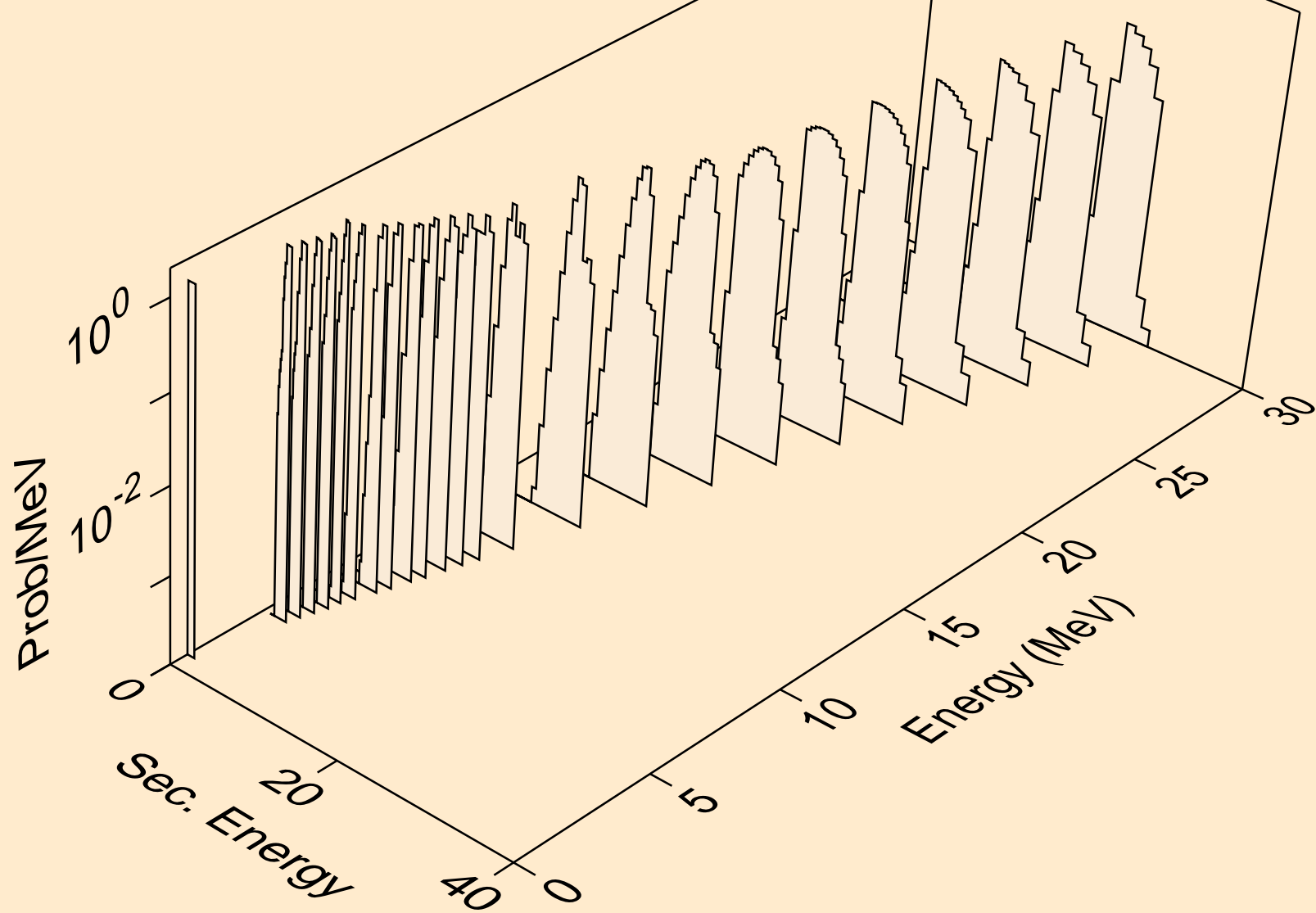
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tritons from (n,n*)t



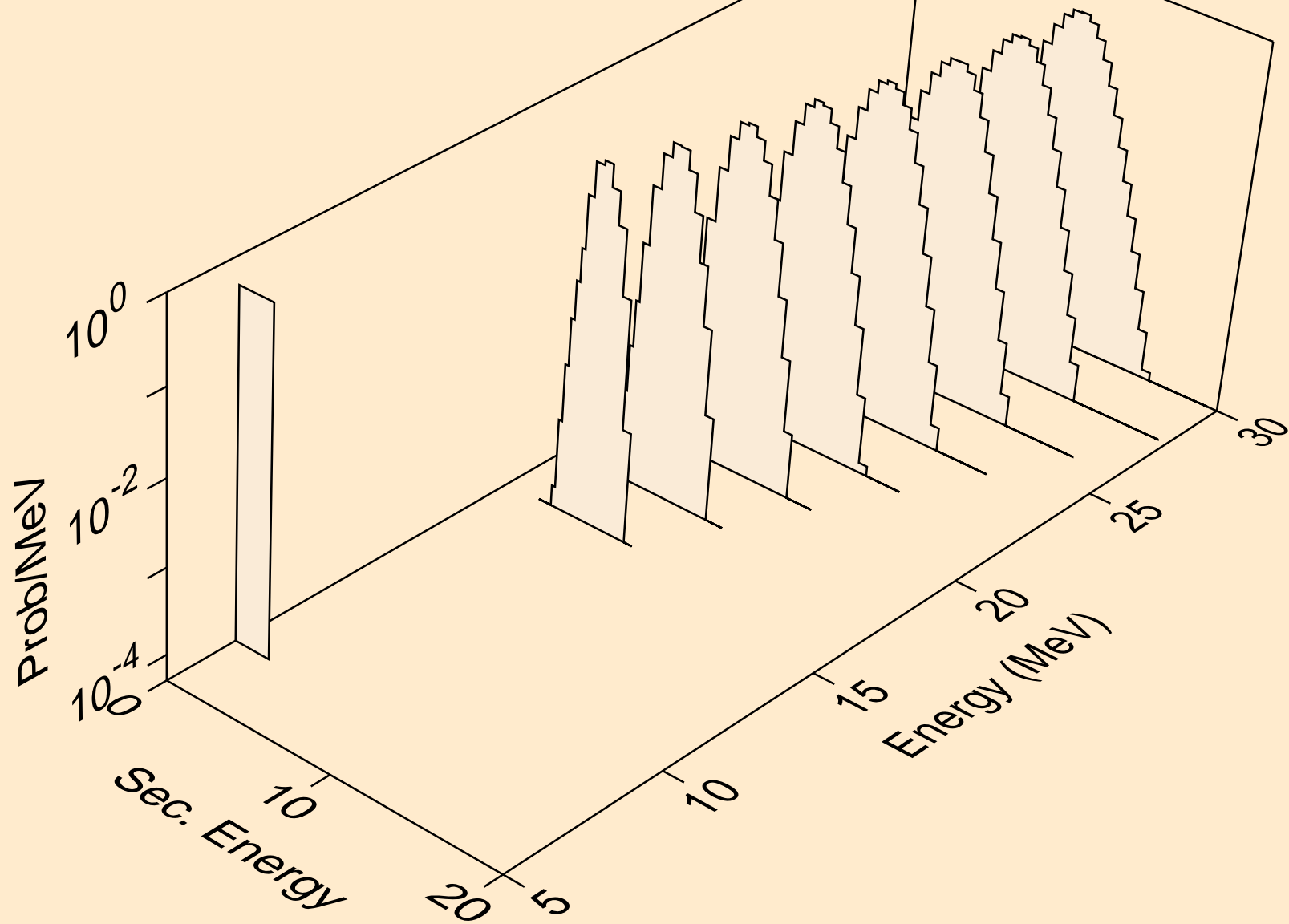
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tritons from (n,n*)t2a



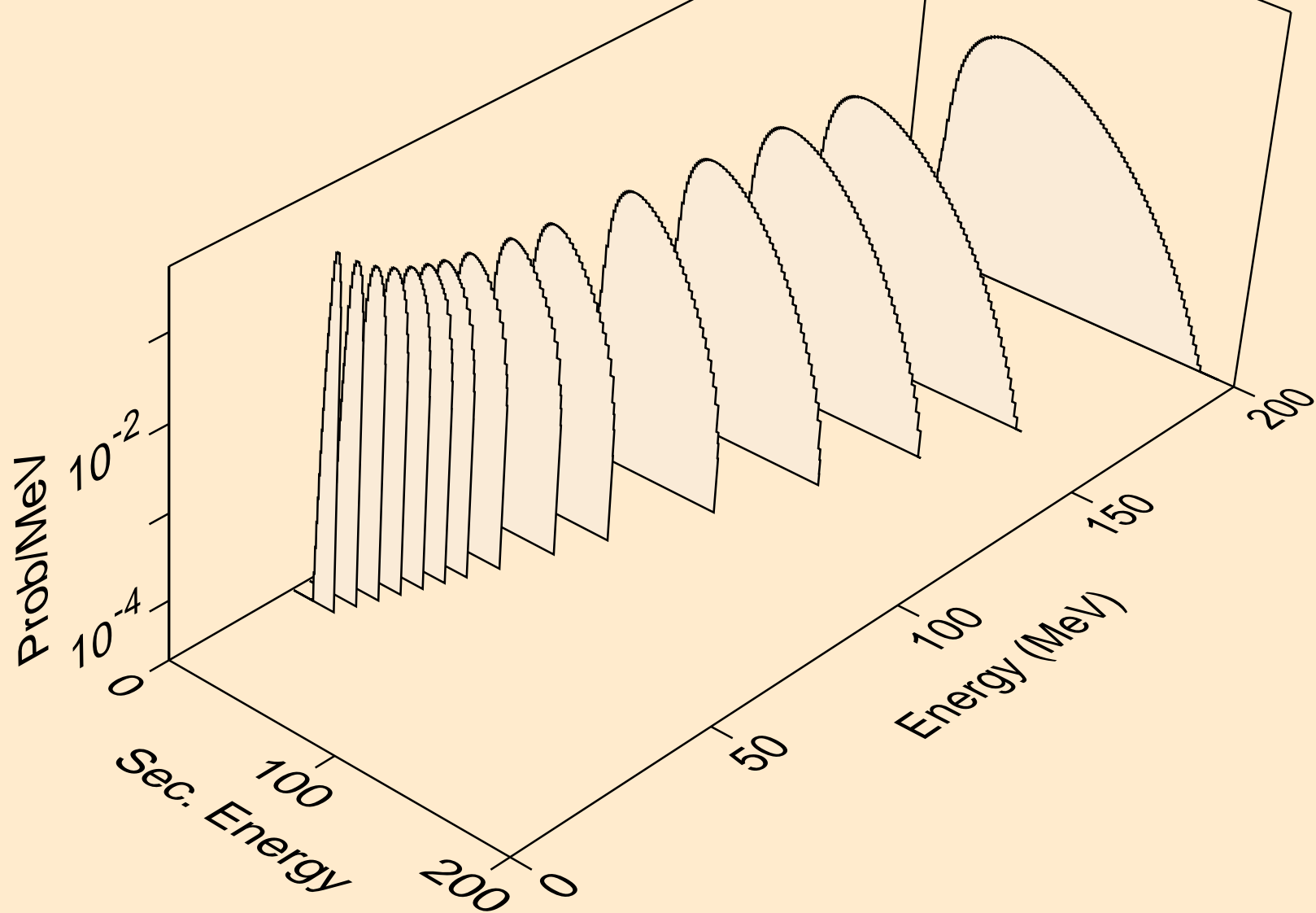
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tritons from (n,t)



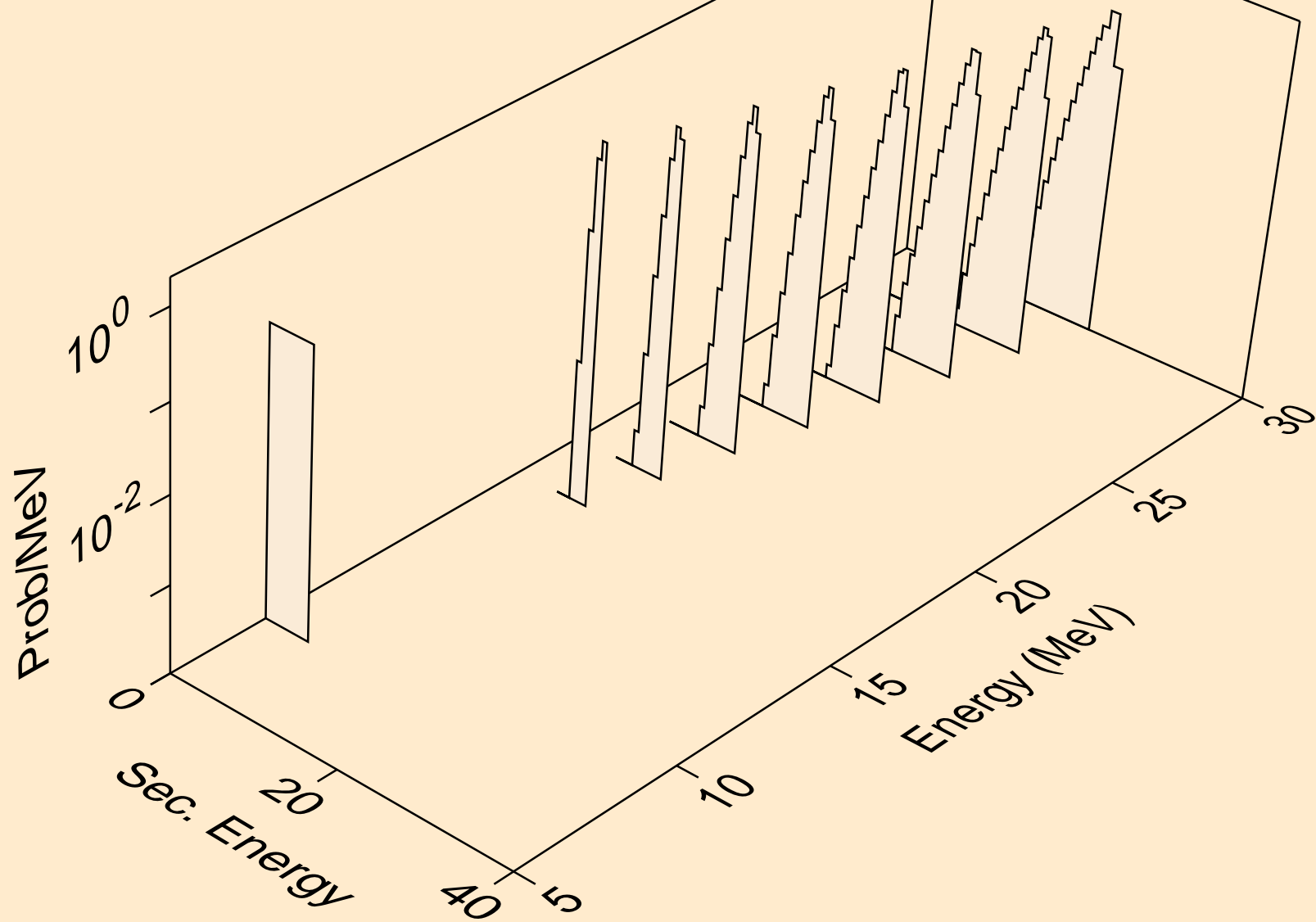
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tritons from (n,pt)



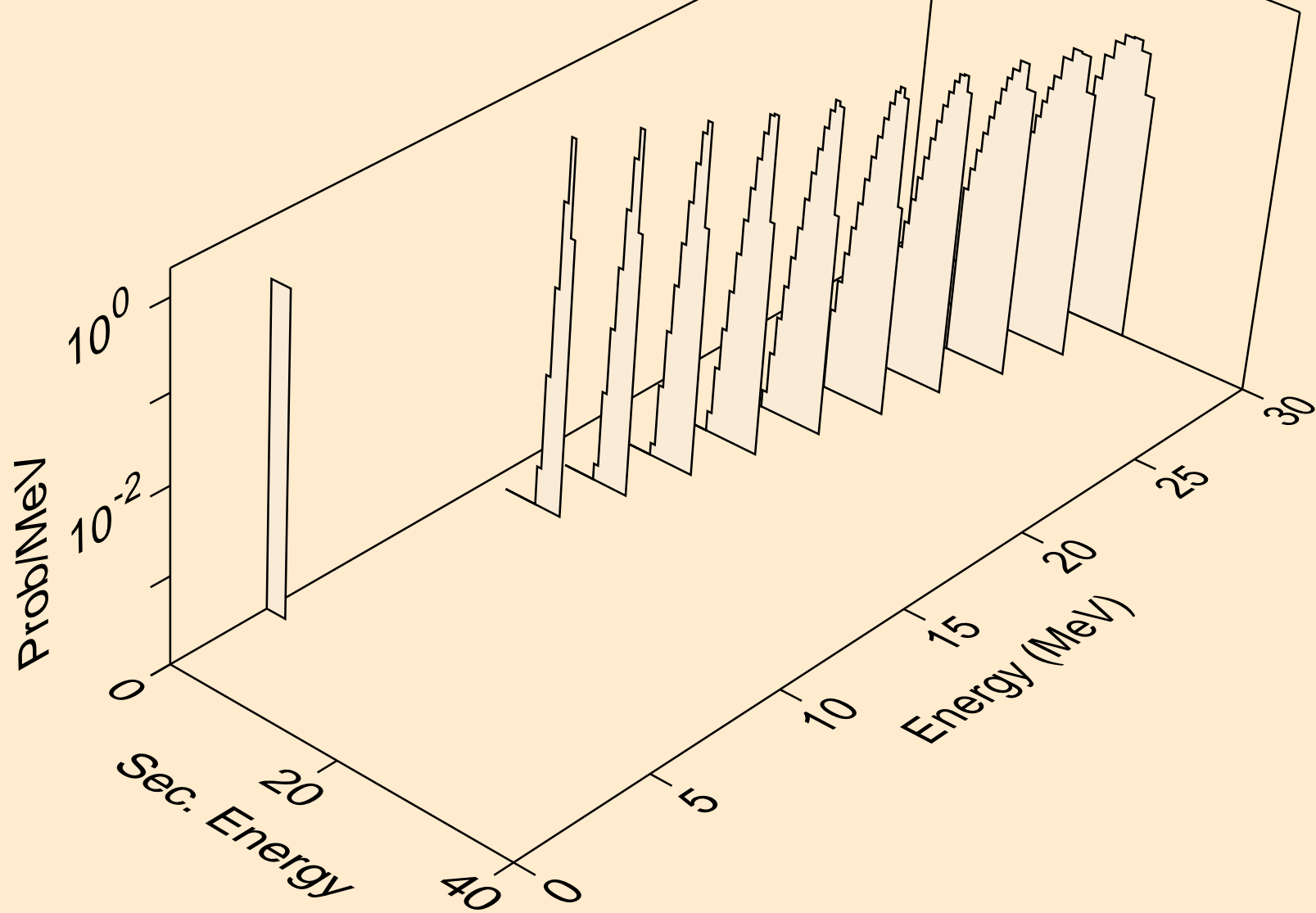
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he3s from (n,x)



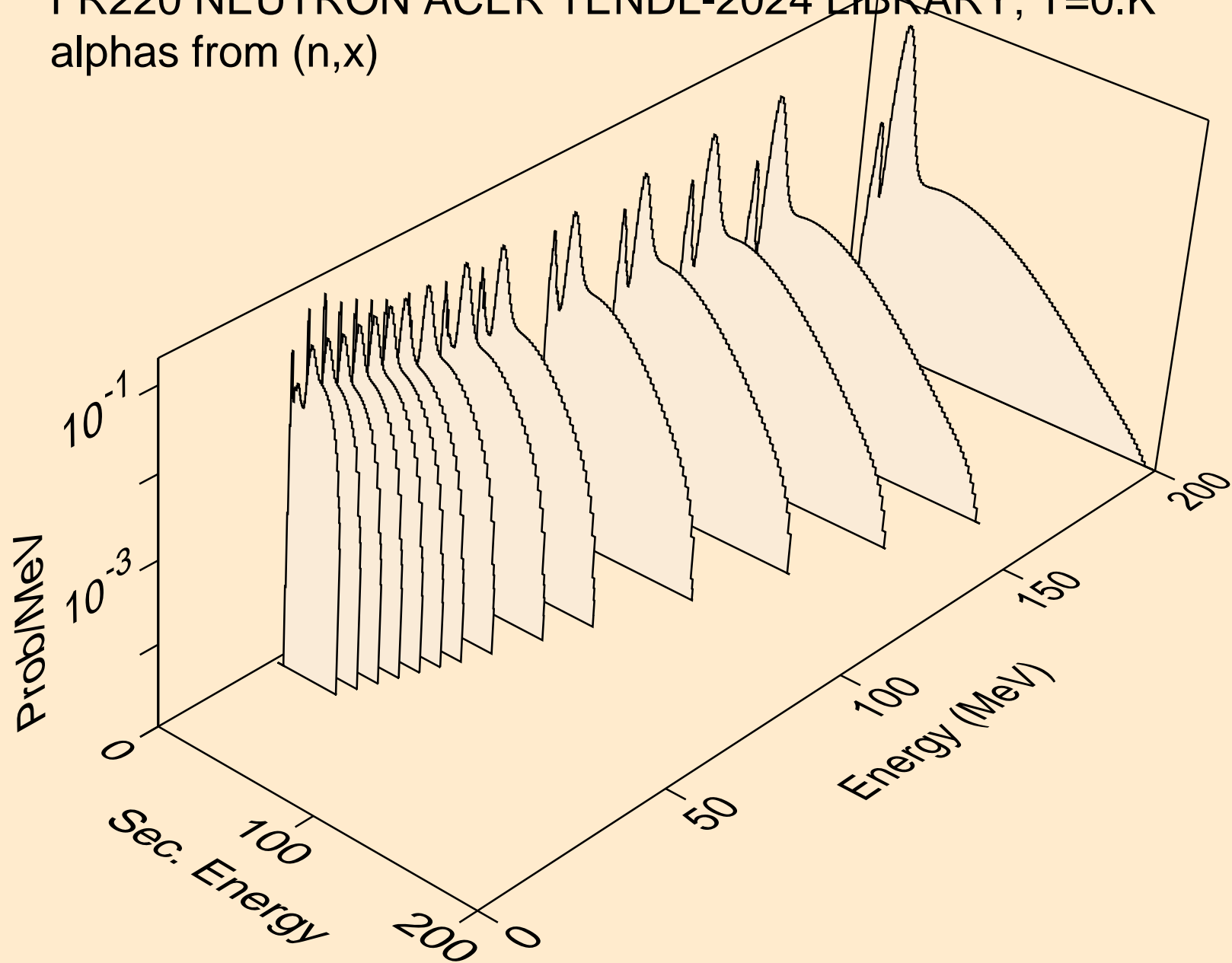
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he3s from (n,n*)he3



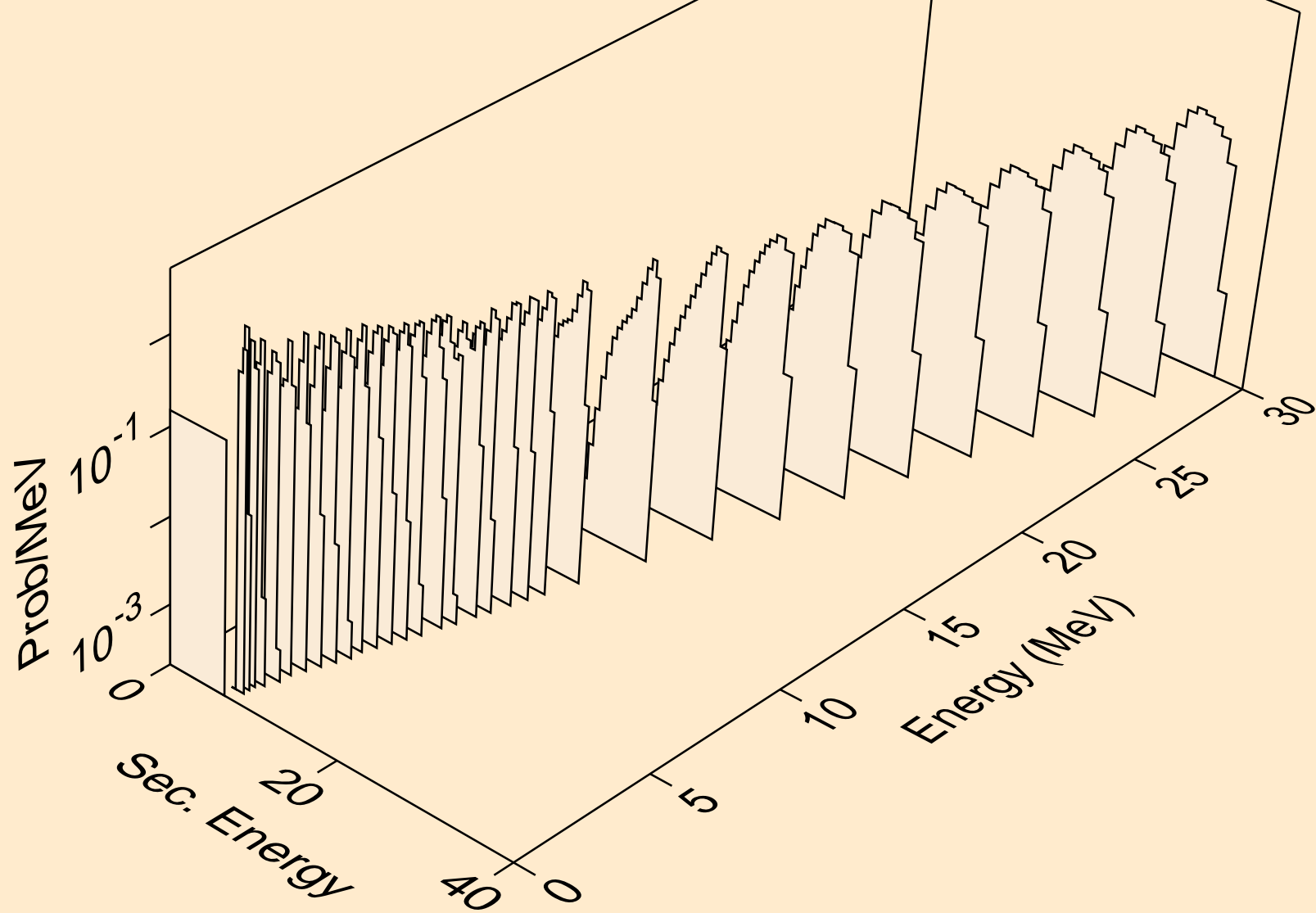
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he3s from (n,he3)



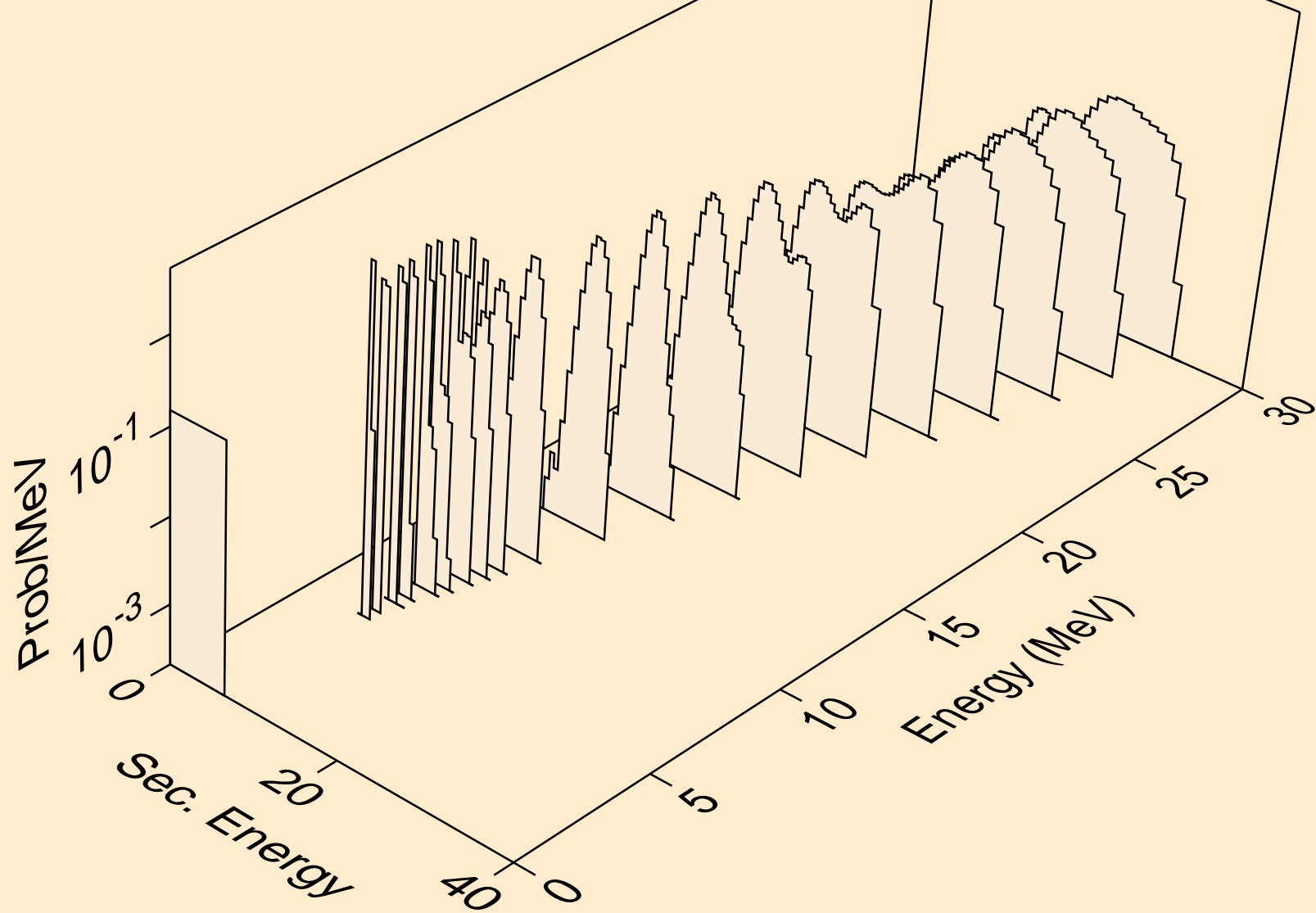
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alphas from (n,x)



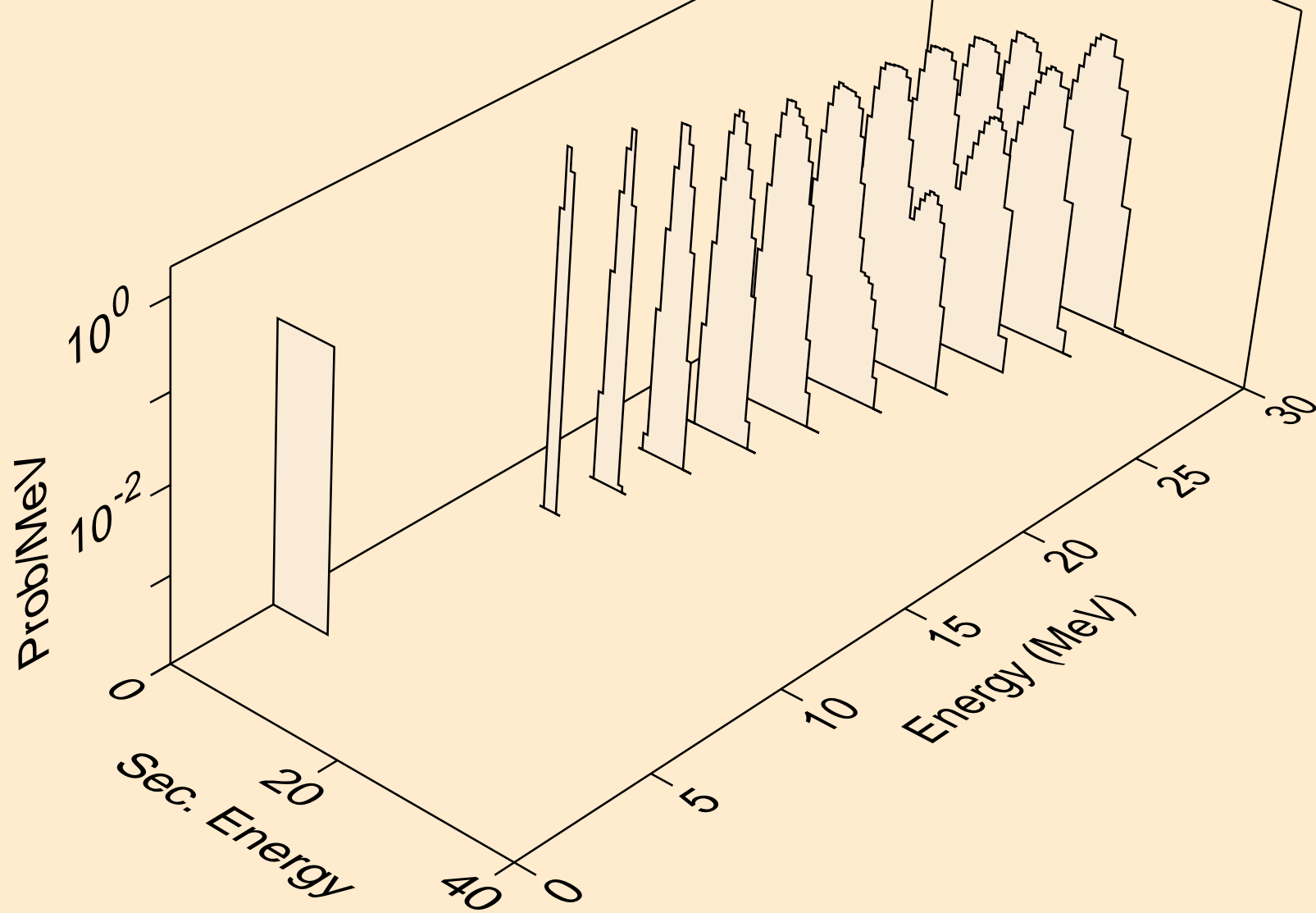
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alphas from (n,n*)a



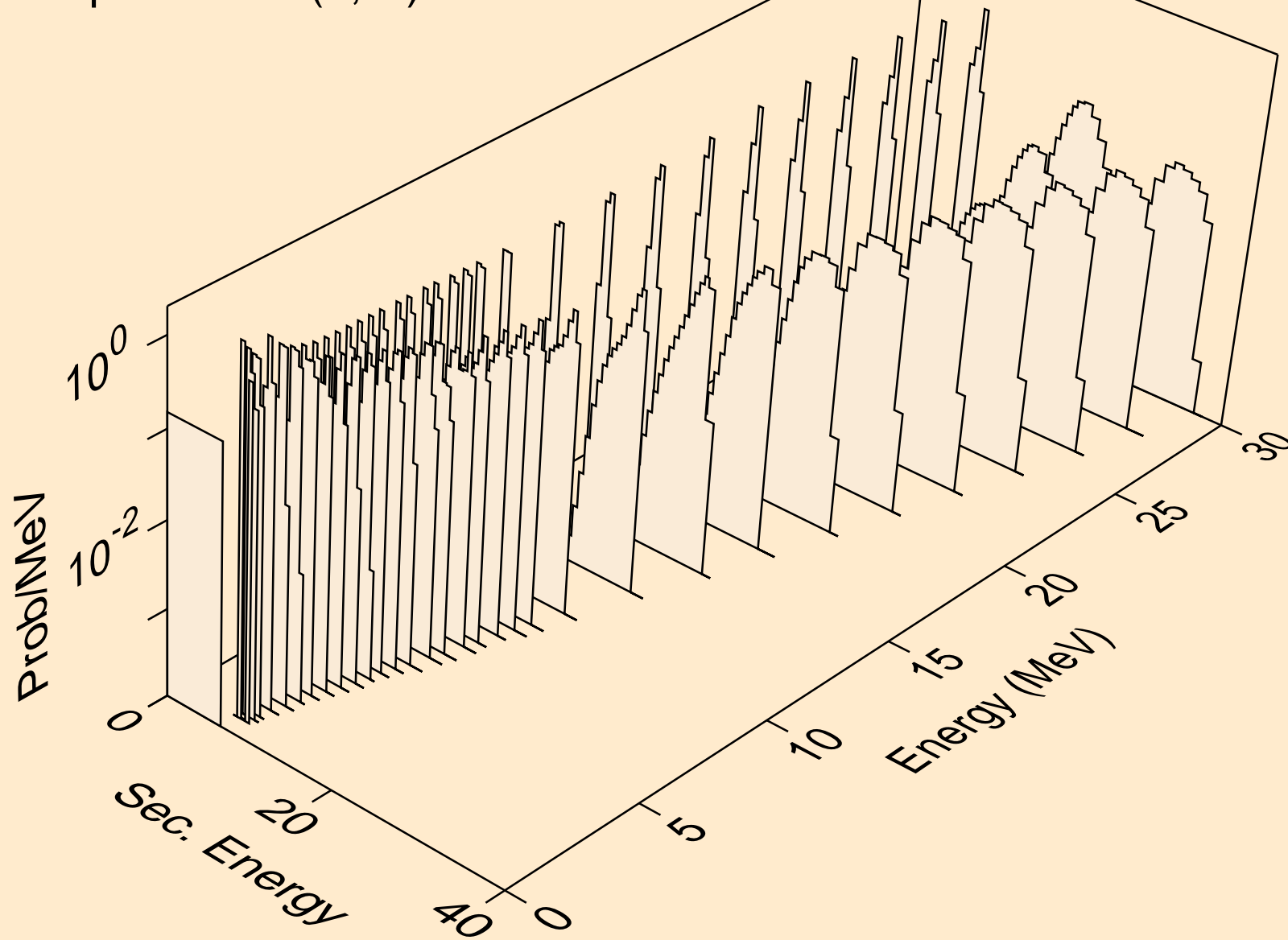
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alphas from (n,2n)a



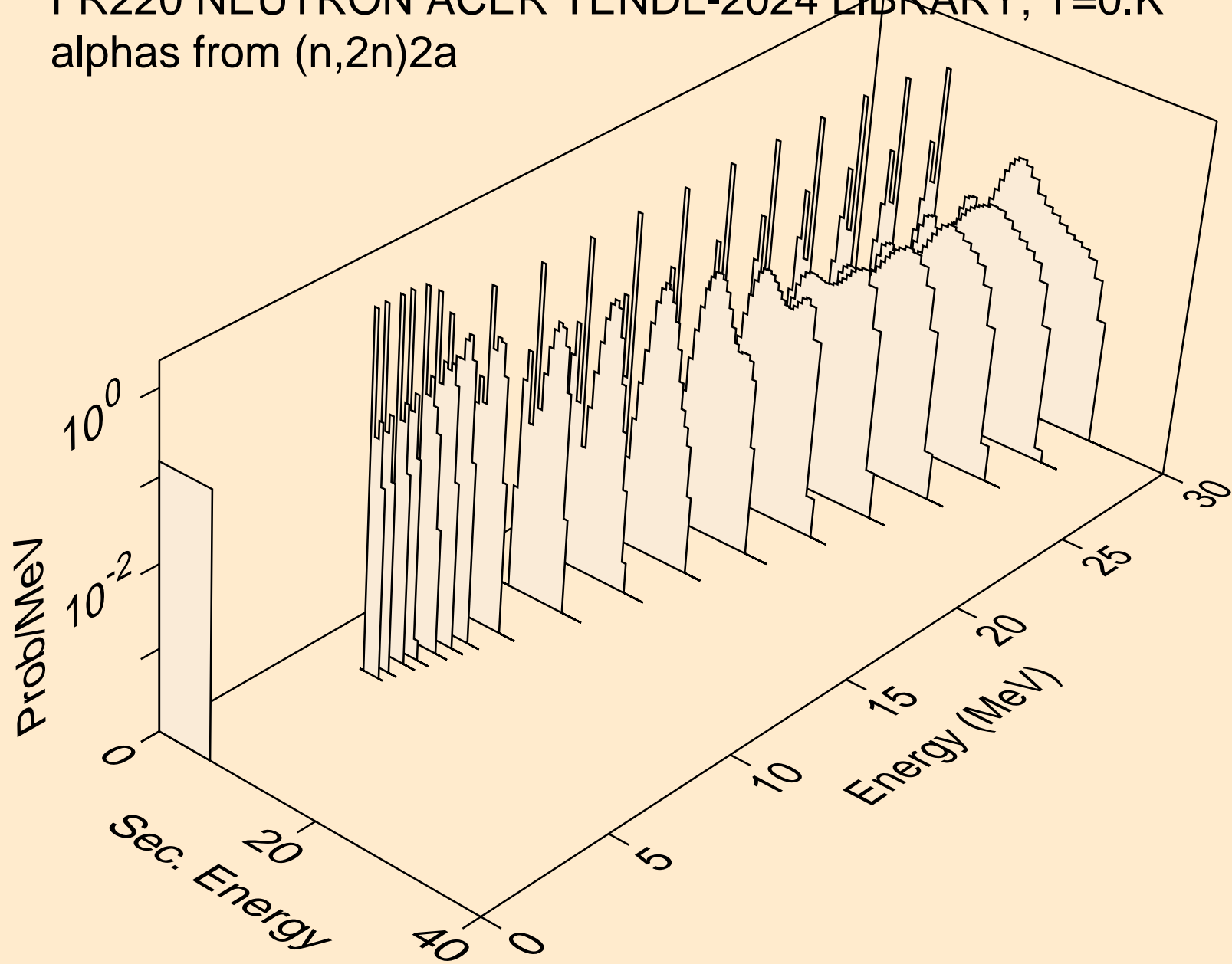
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alphas from (n,3n)a



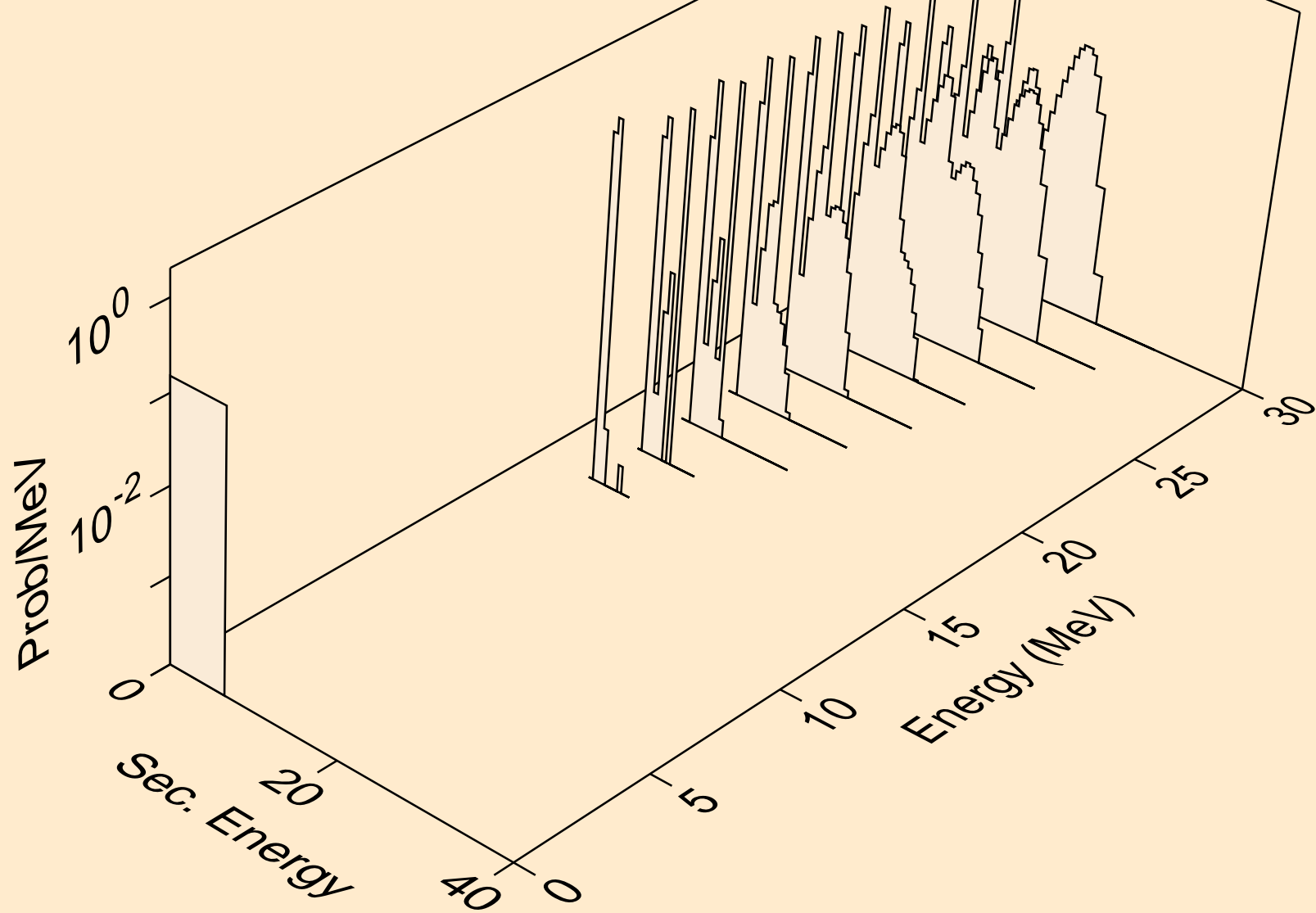
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alphas from (n,n*)2a



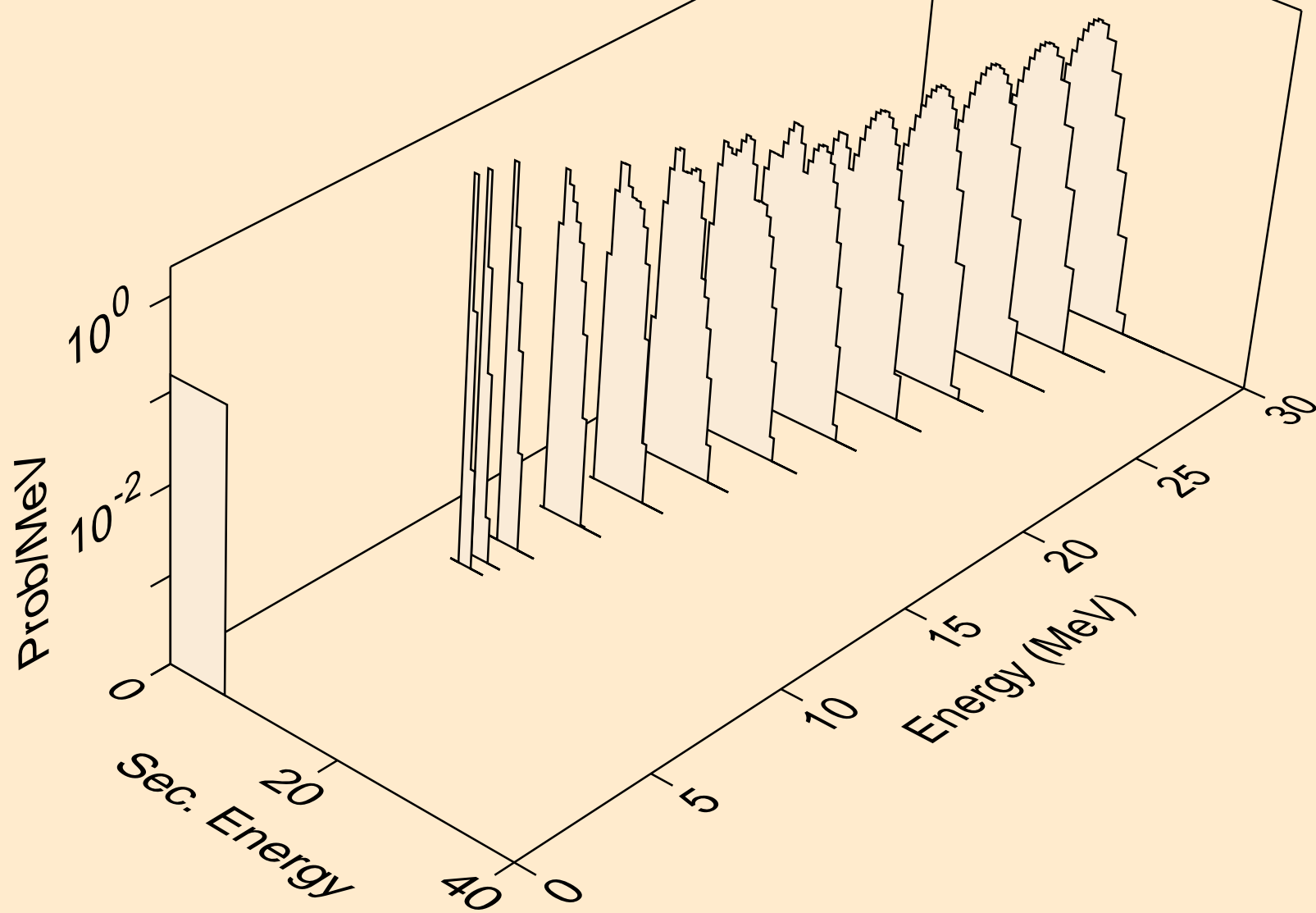
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alphas from (n,2n)2a



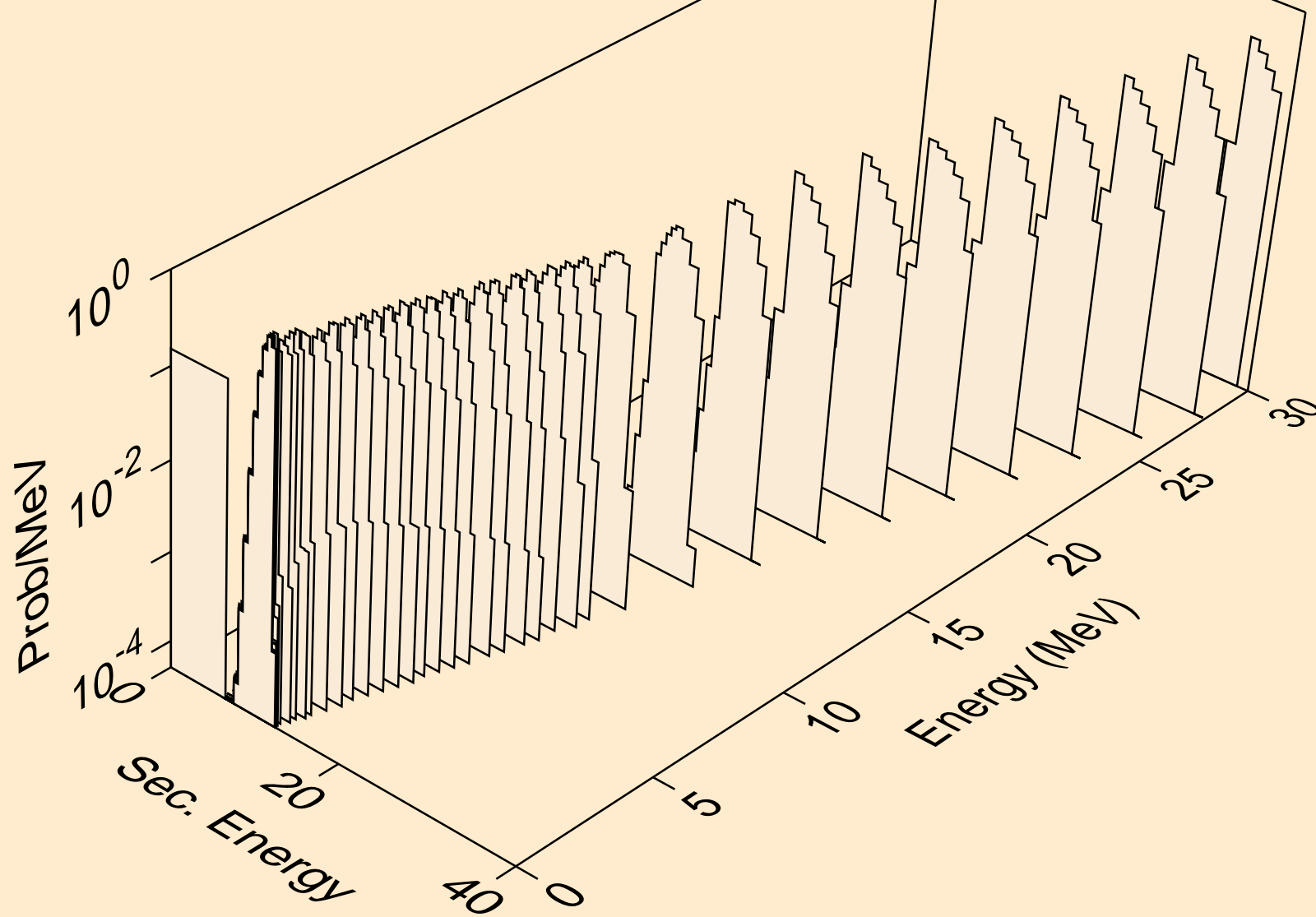
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alphas from (n,n*)t2a



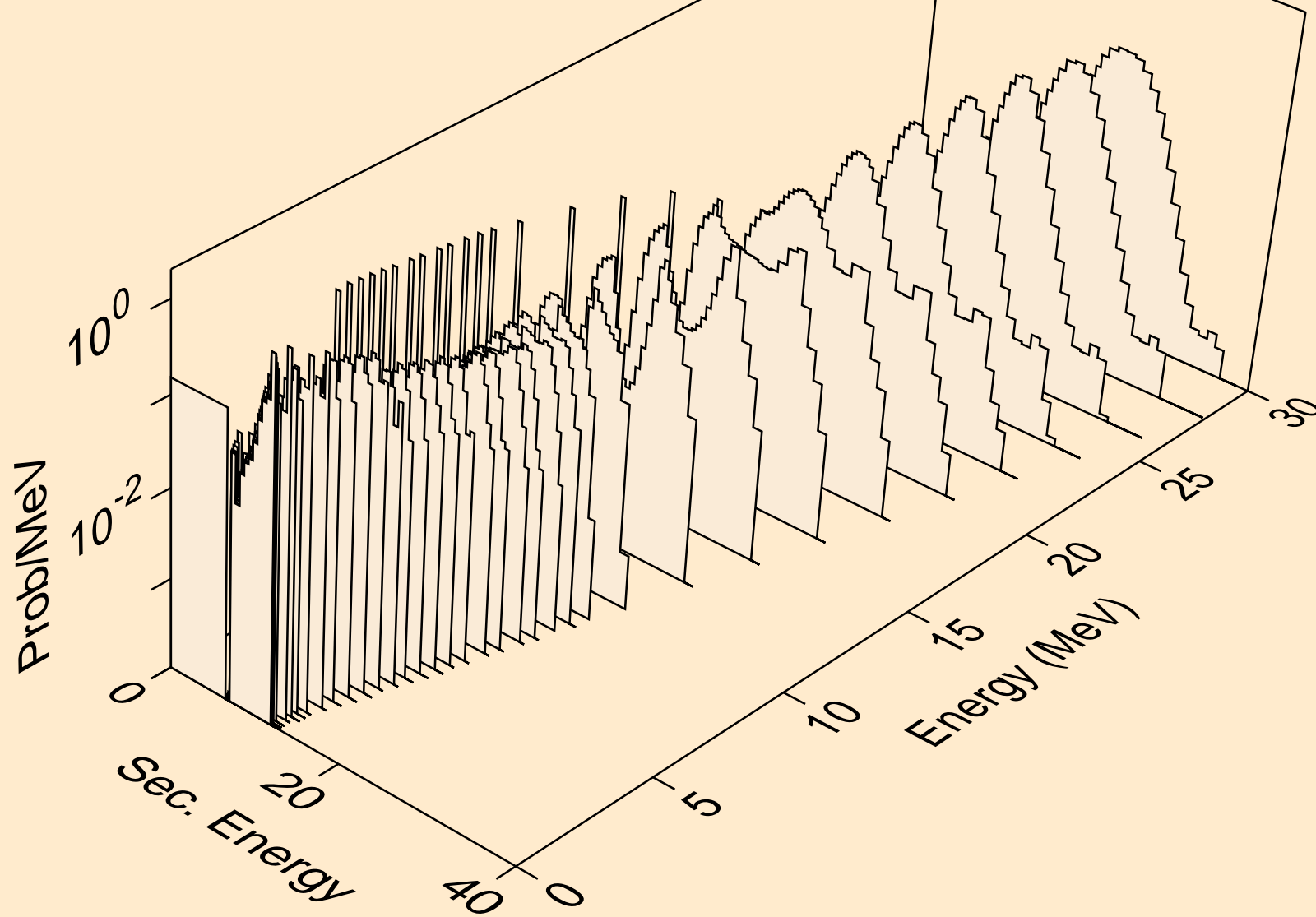
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



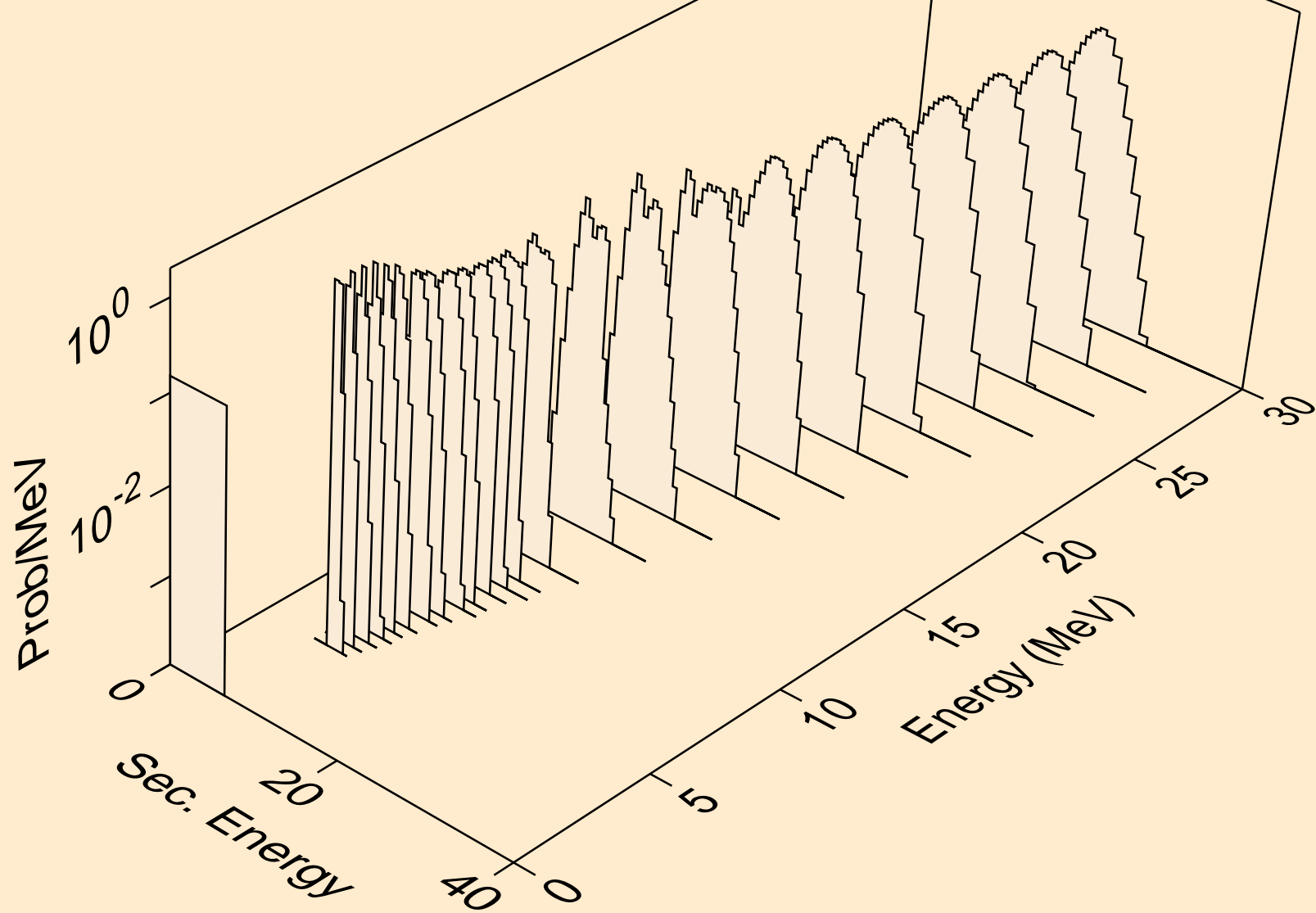
FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



FR220 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

