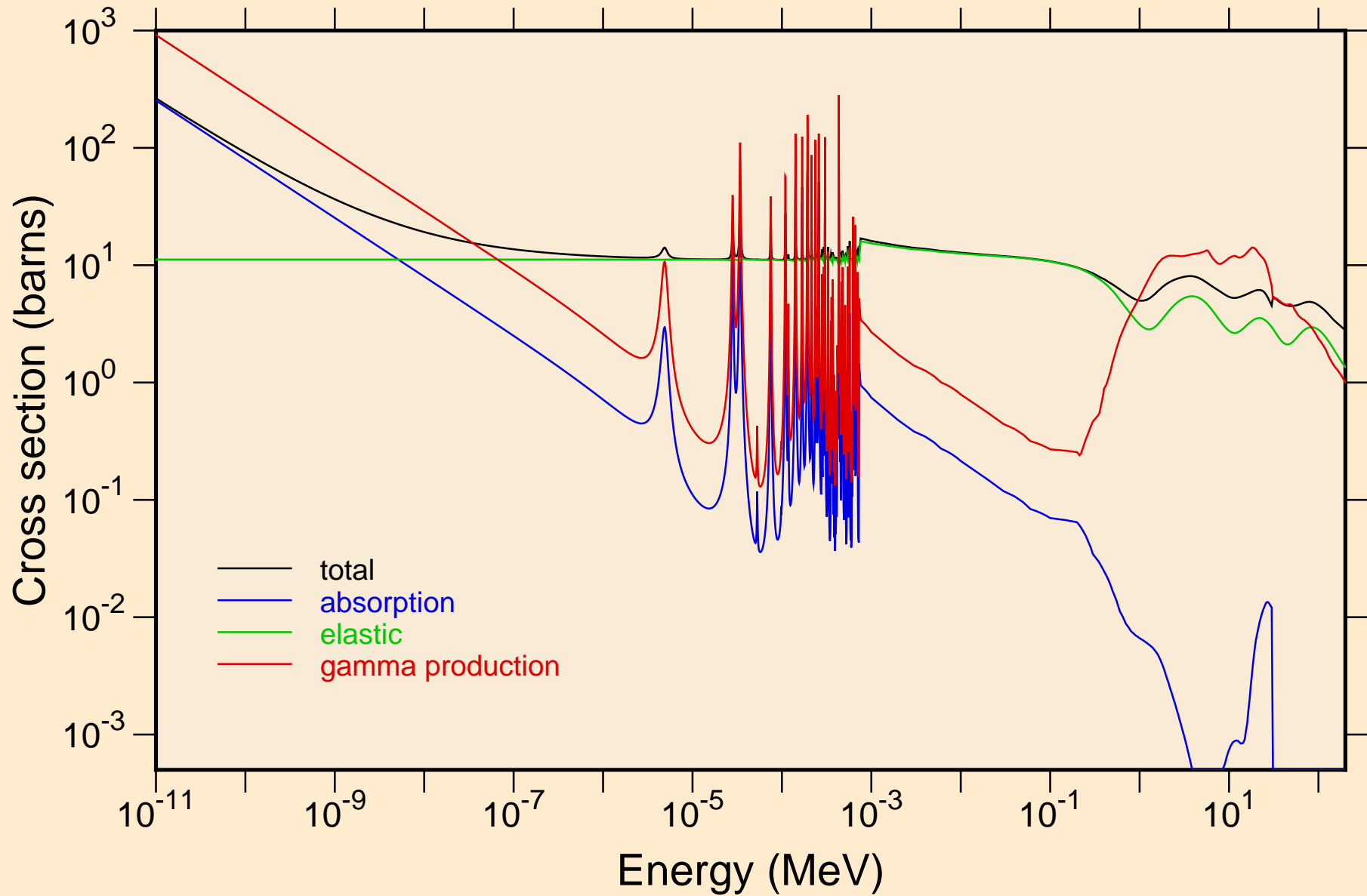
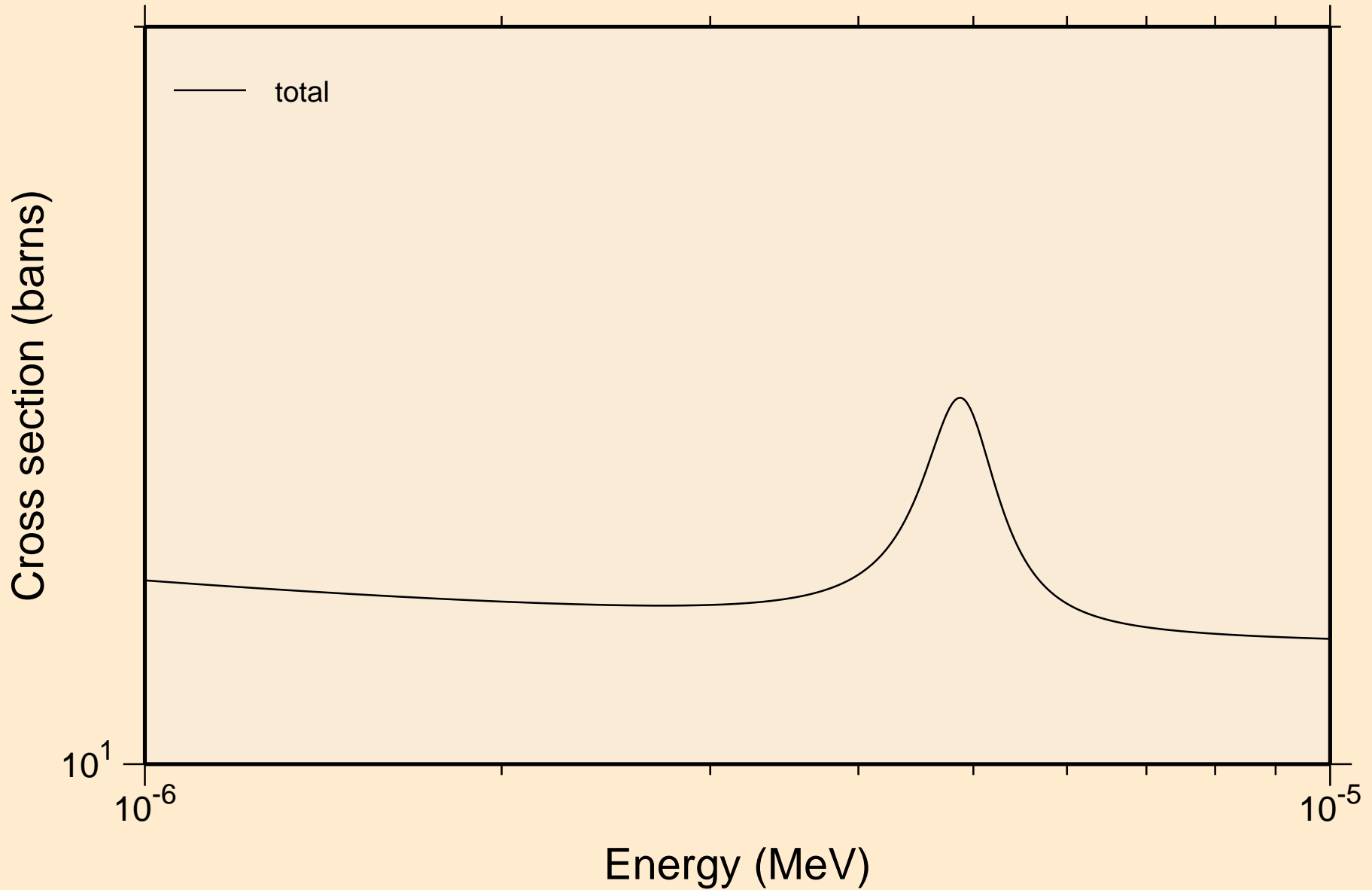


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

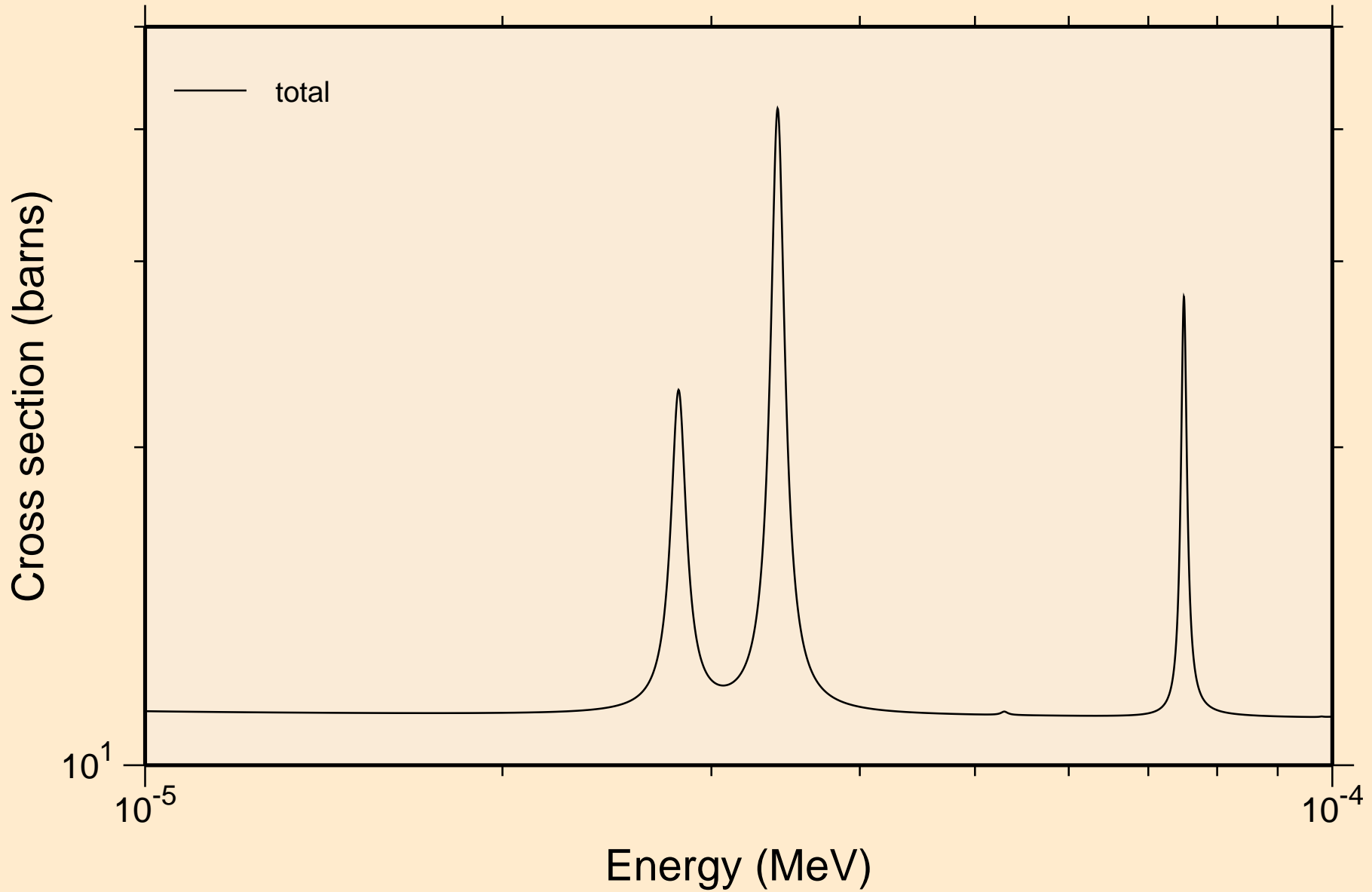
Principal cross sections



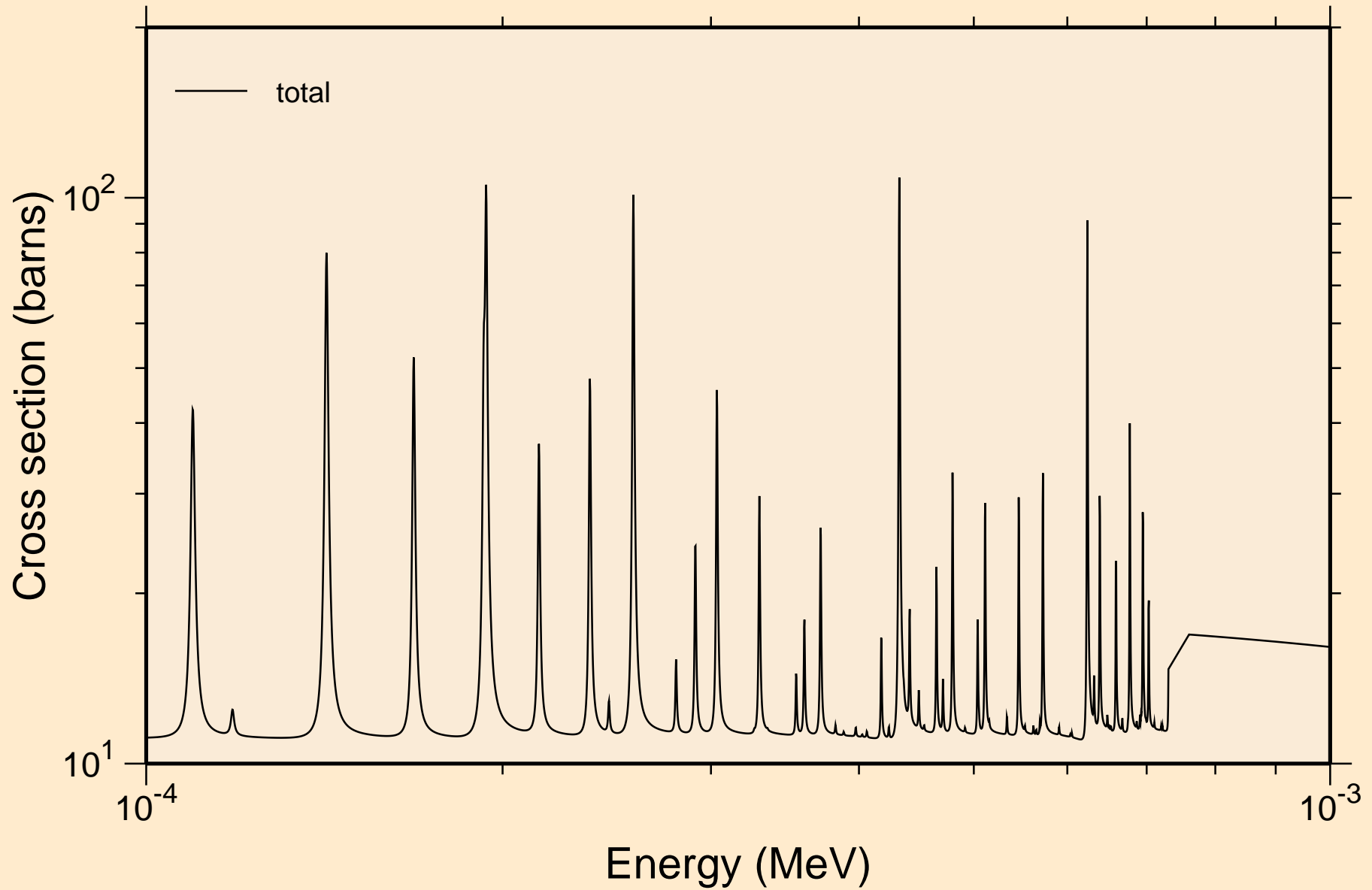
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



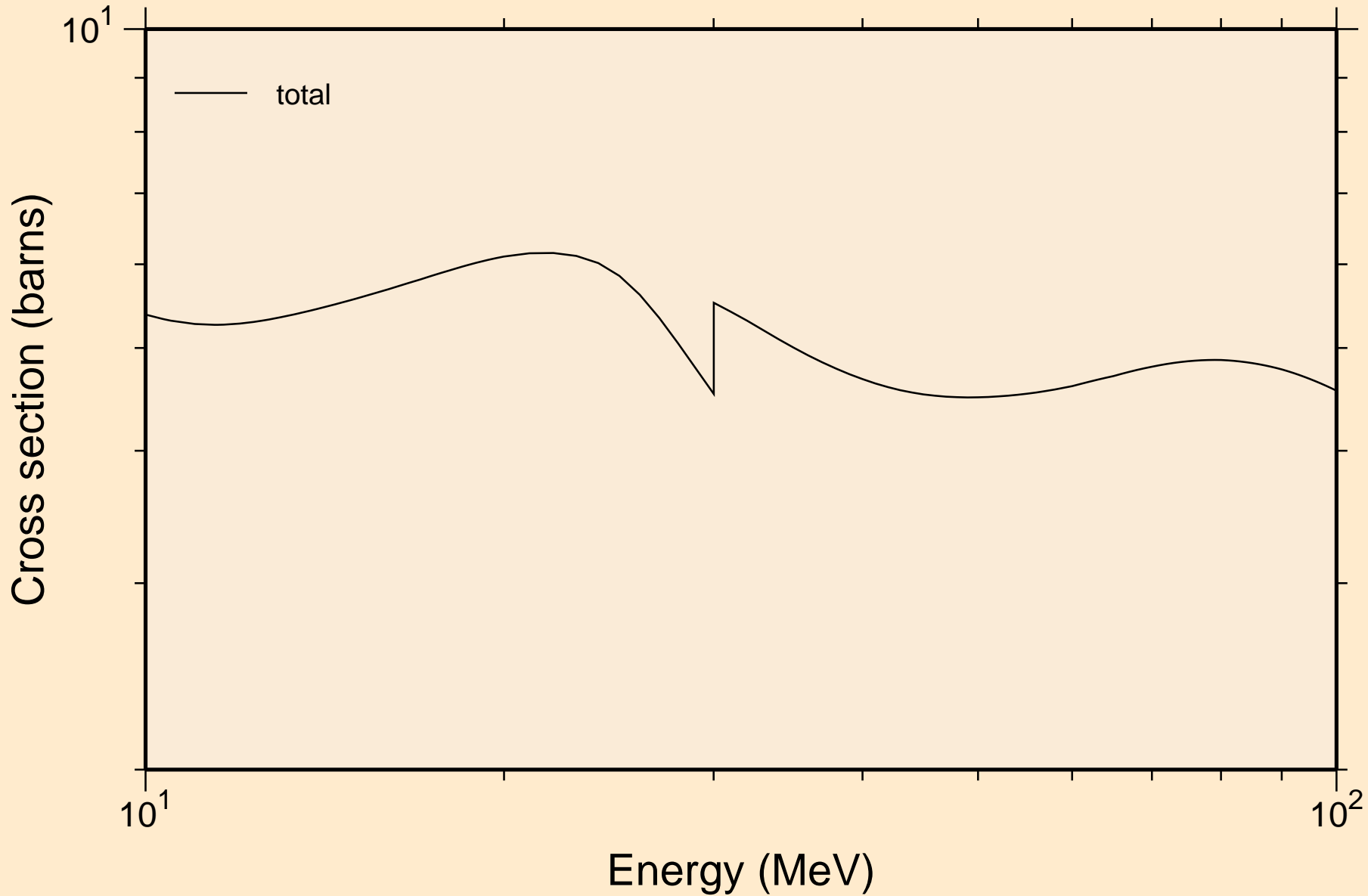
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



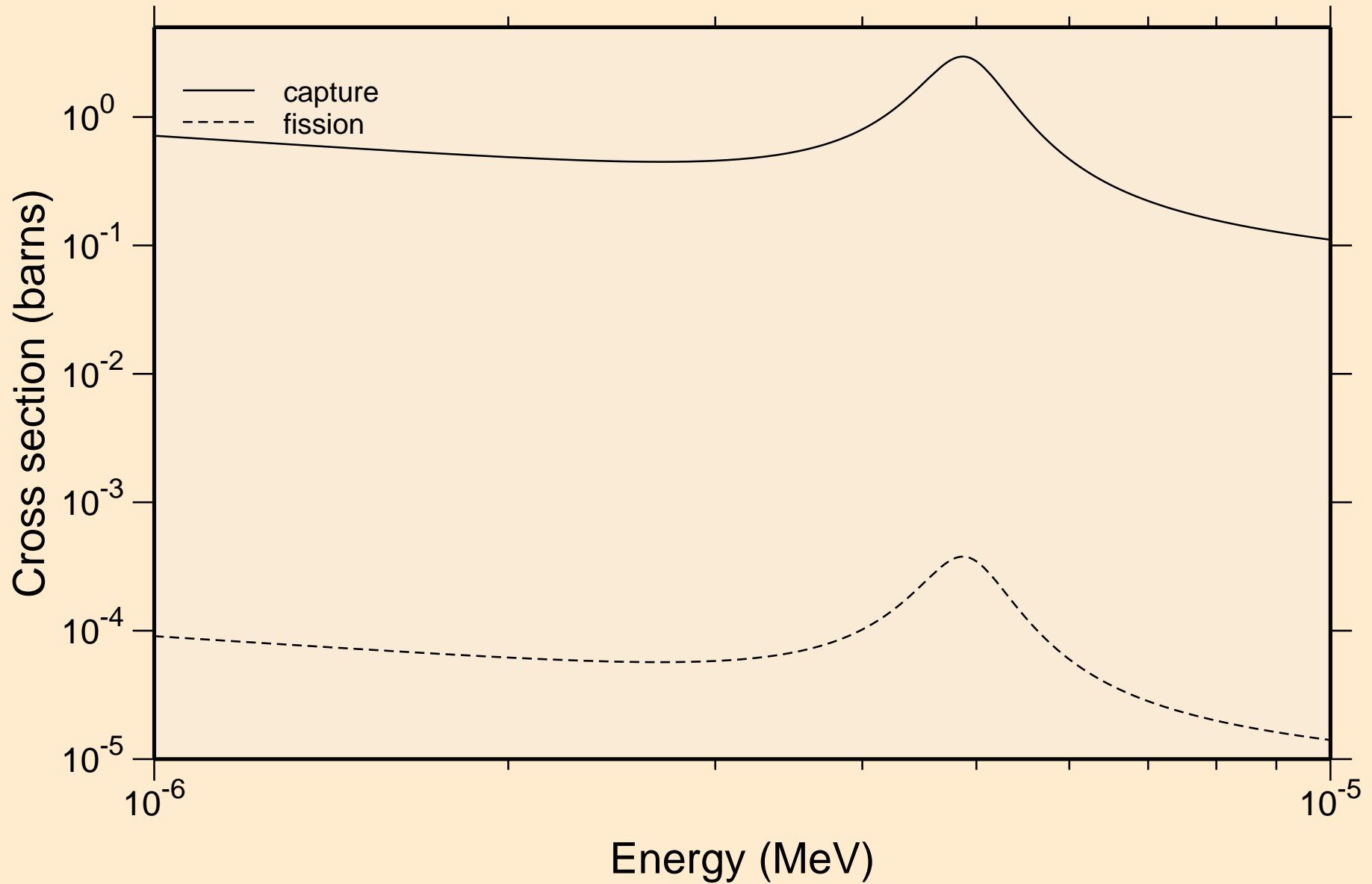
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



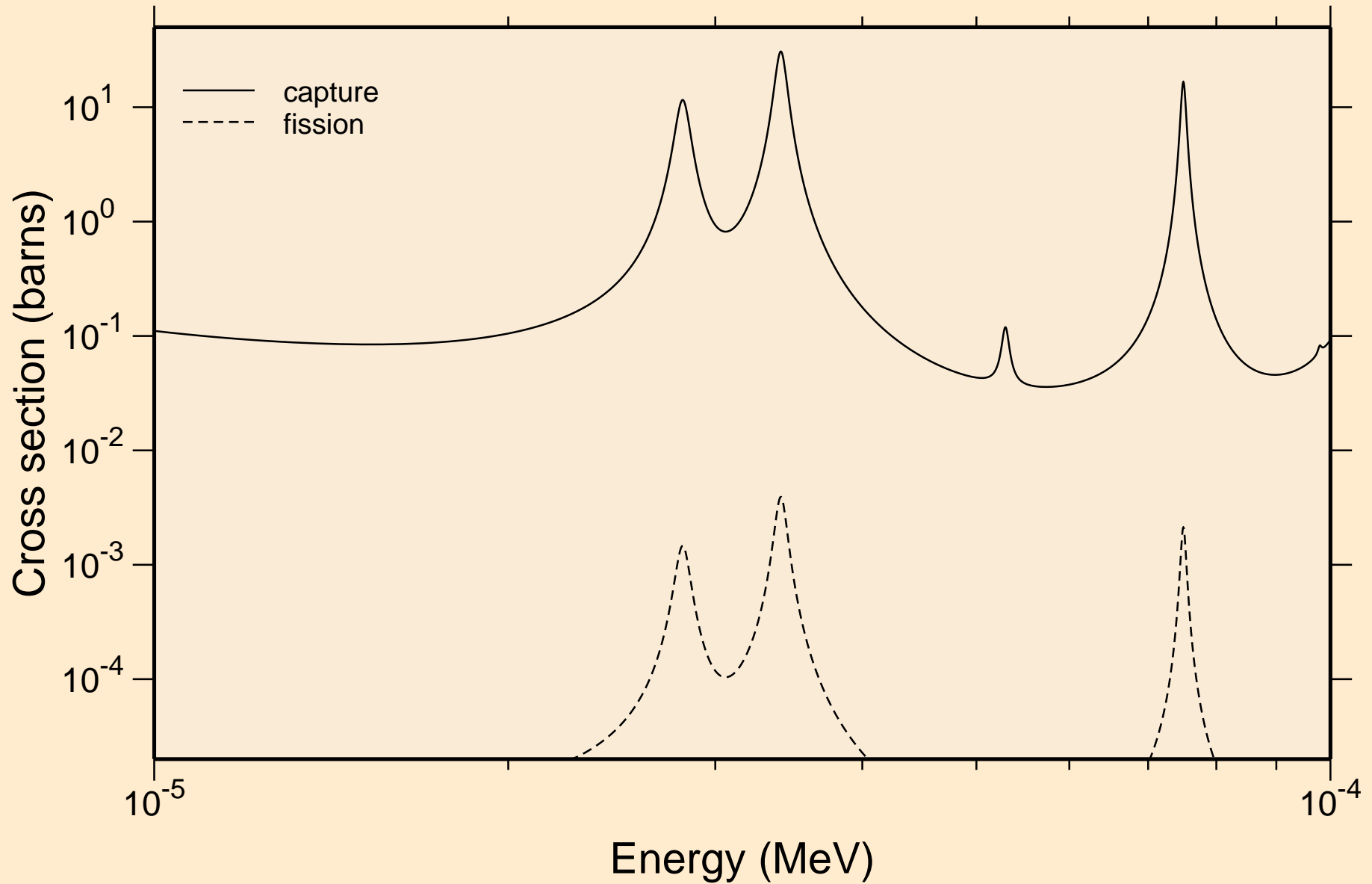
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



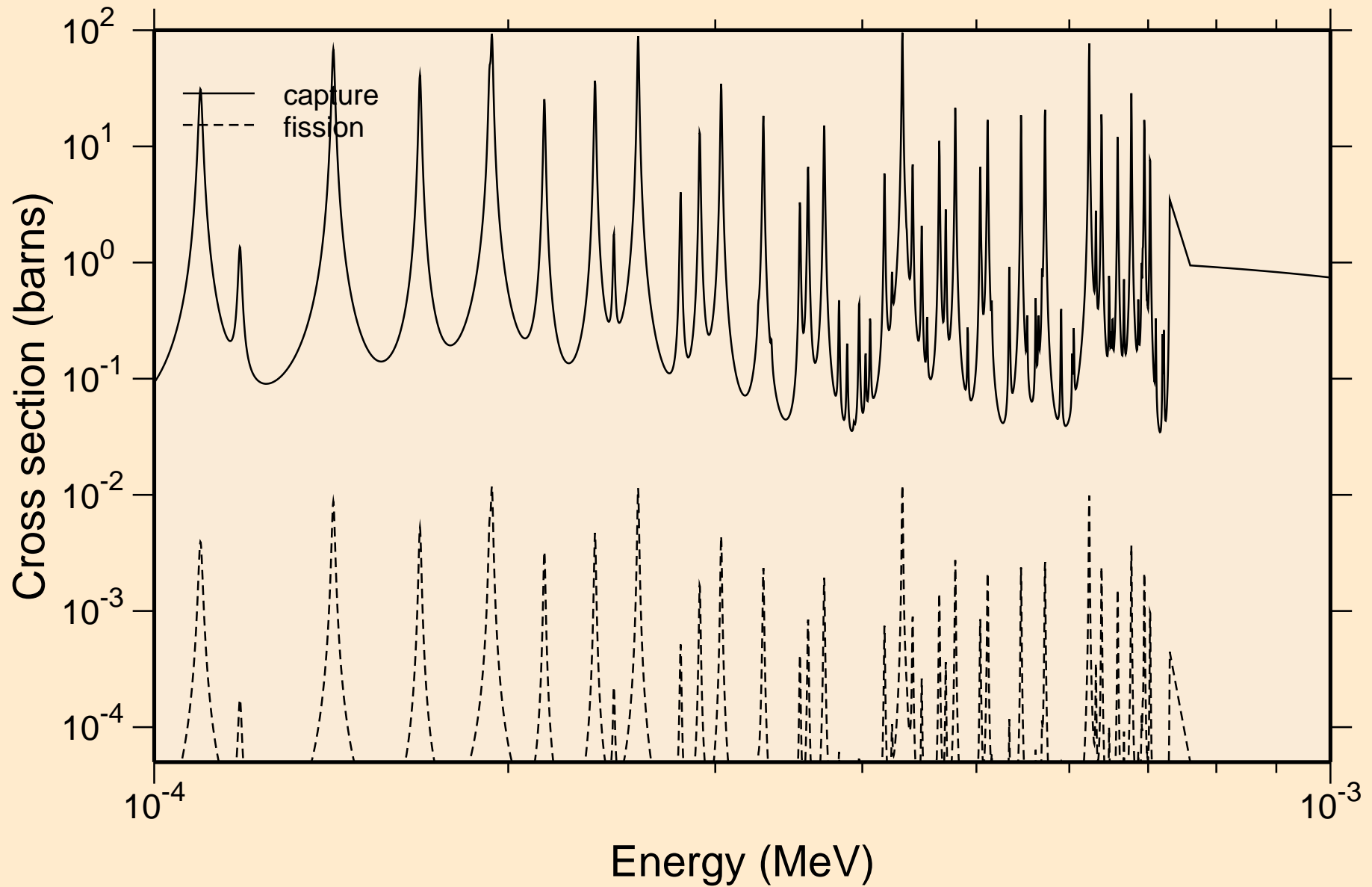
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



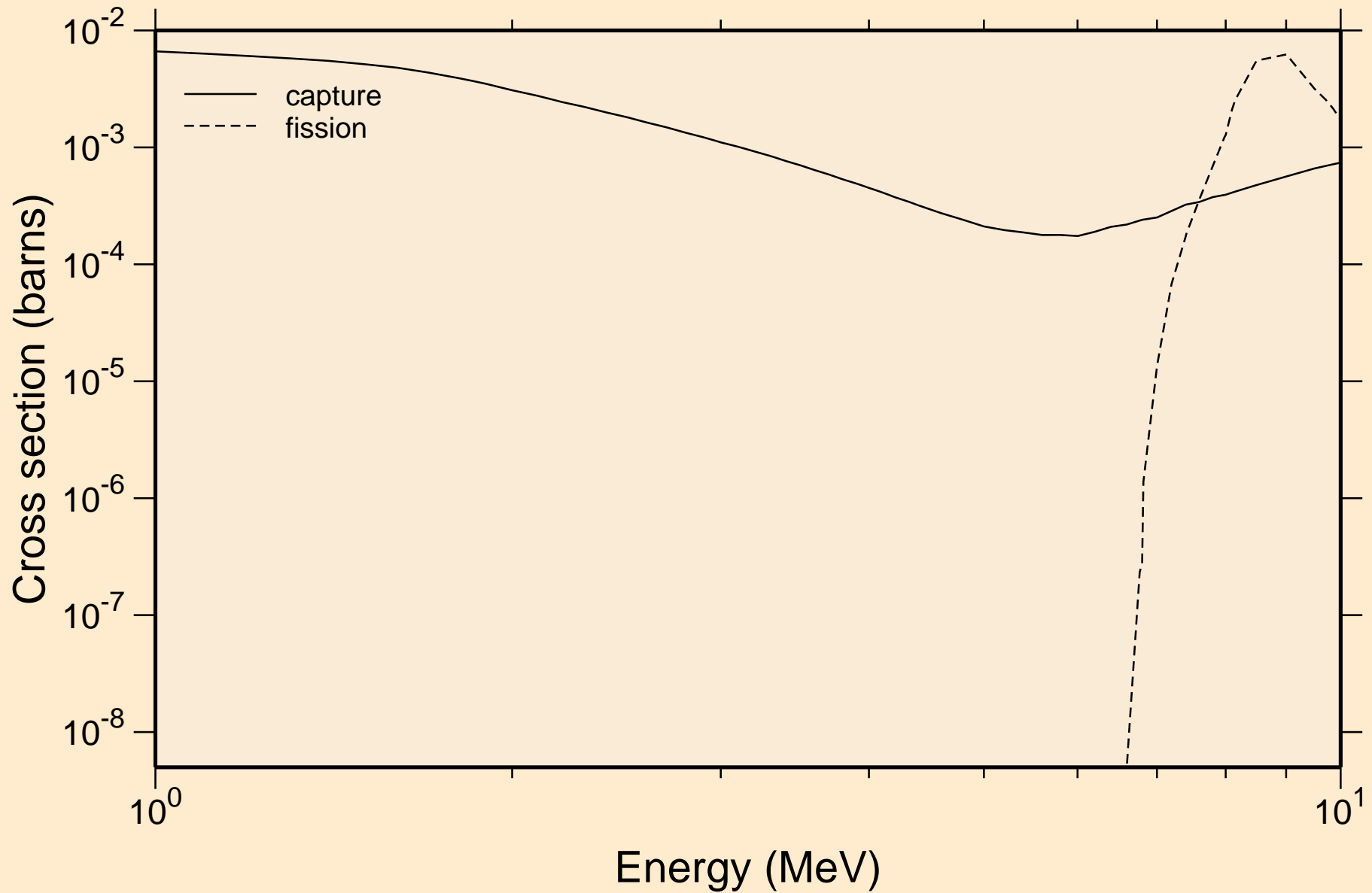
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

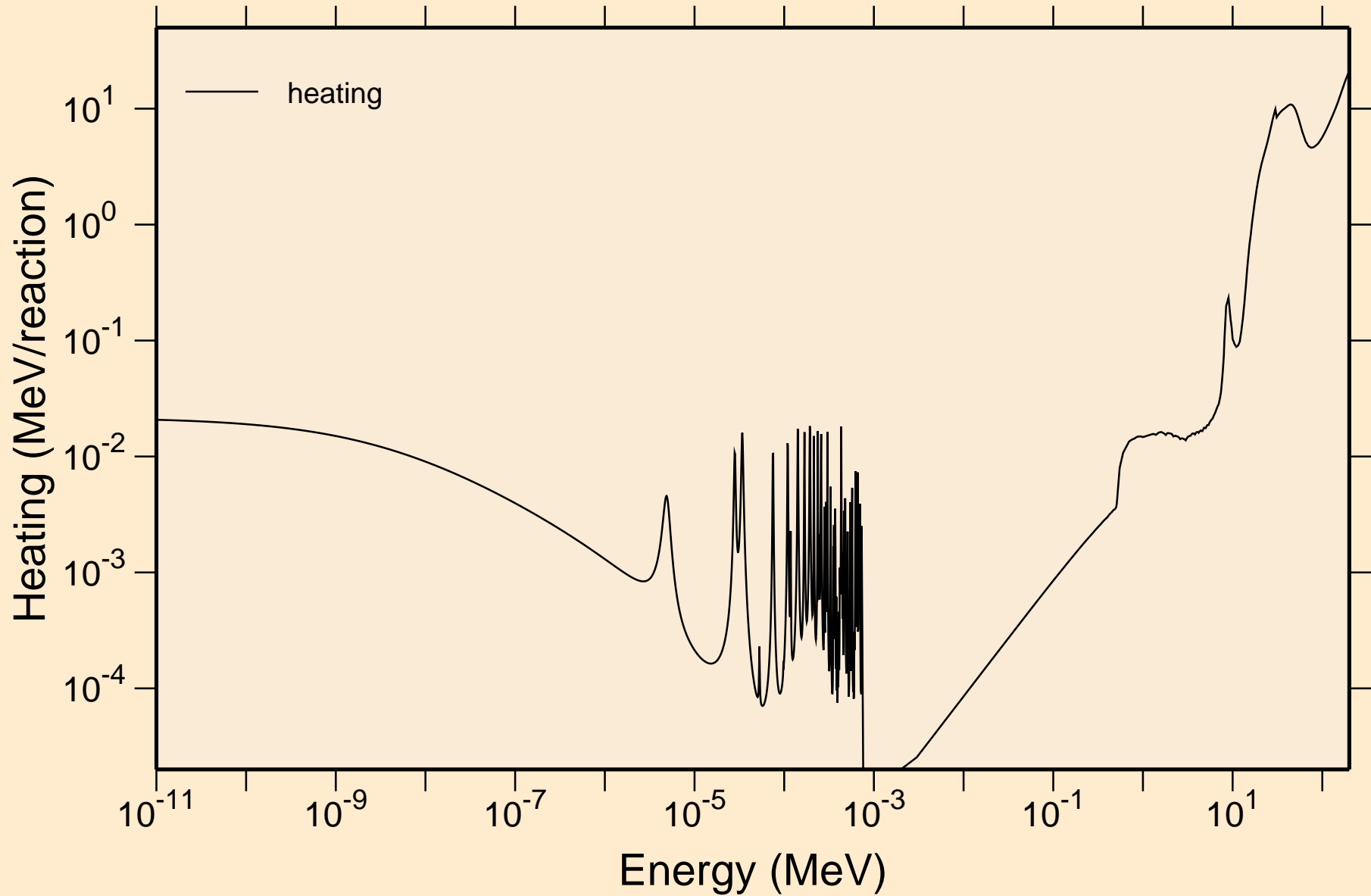


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

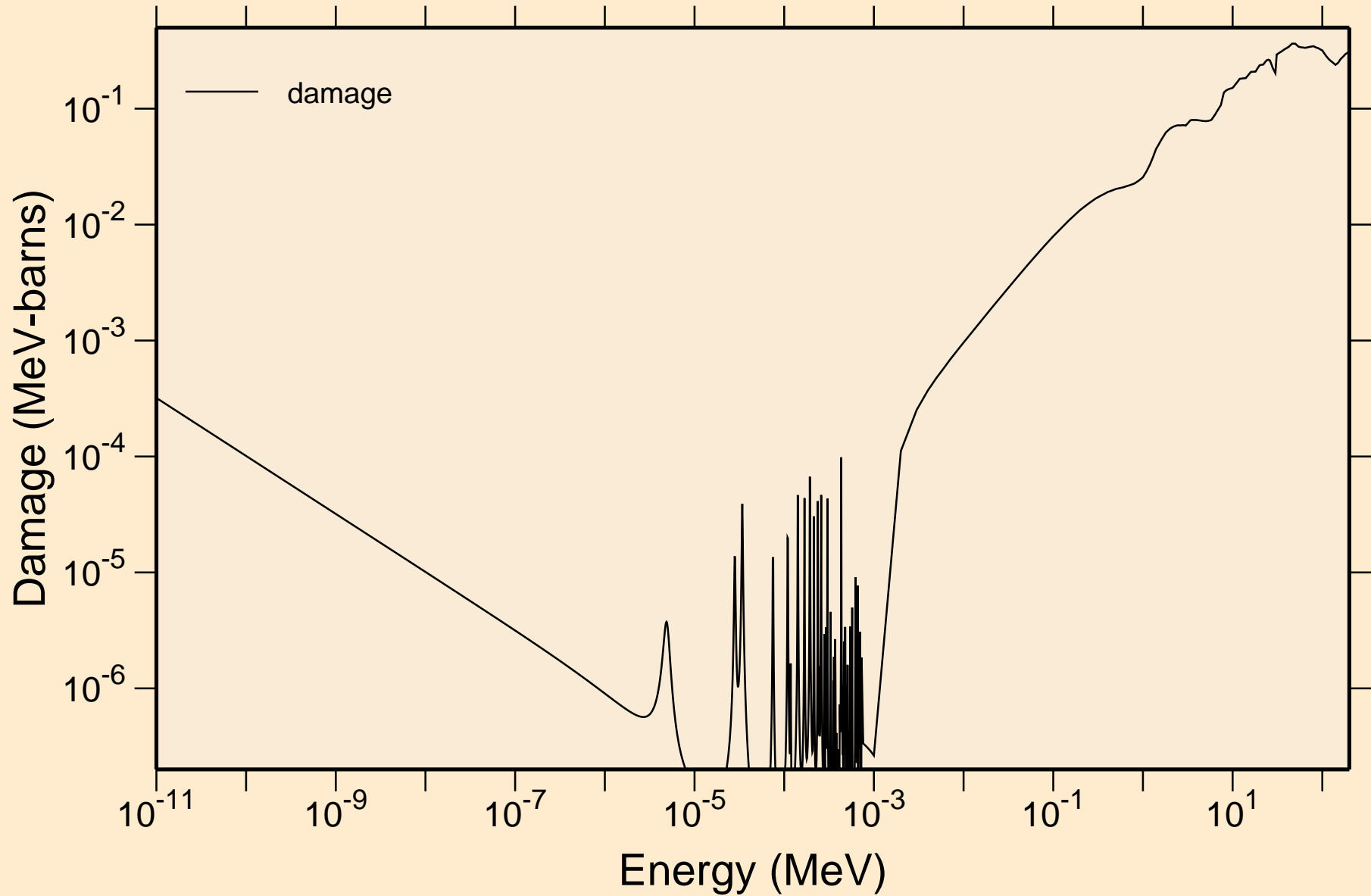


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

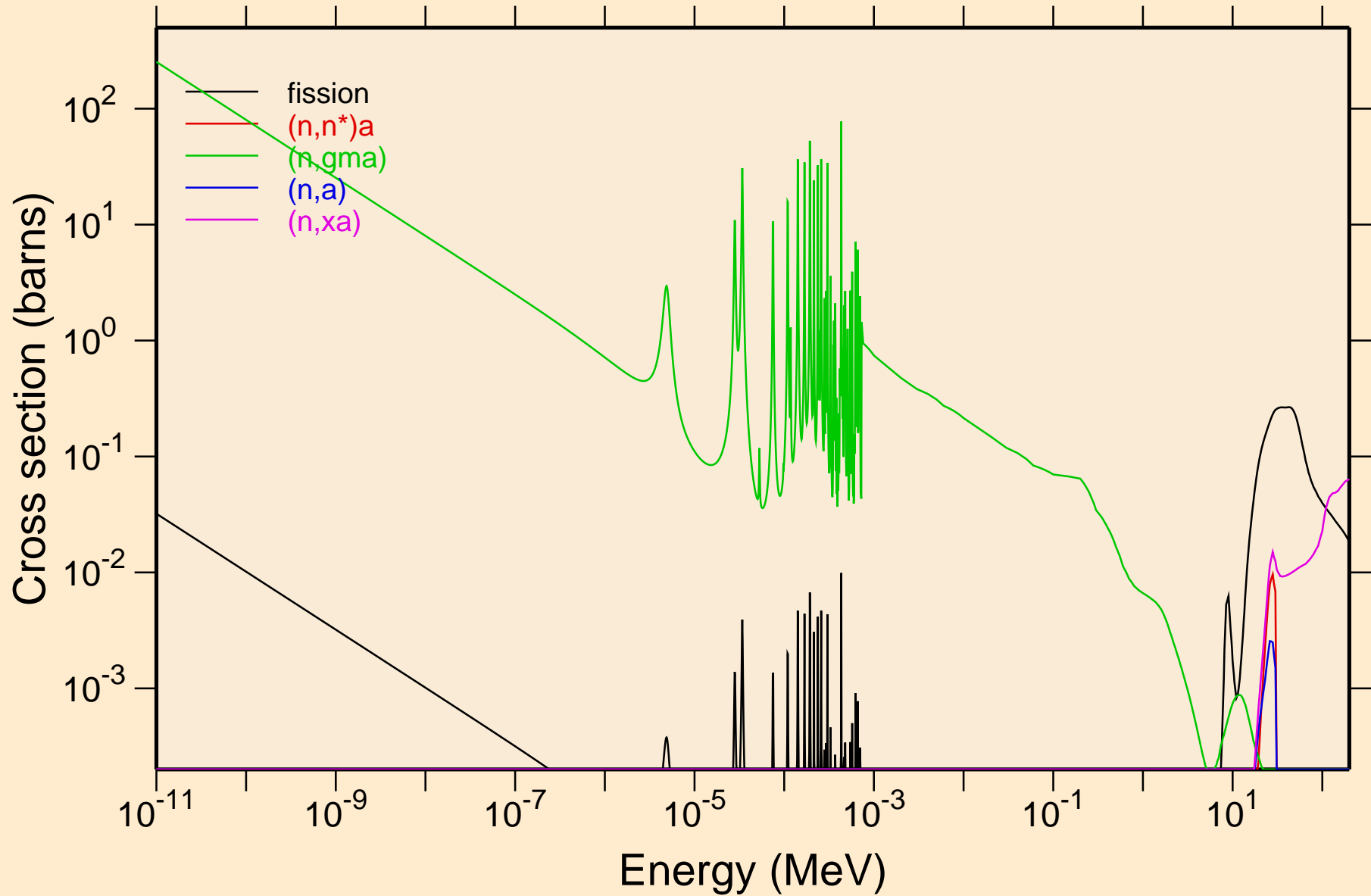


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage

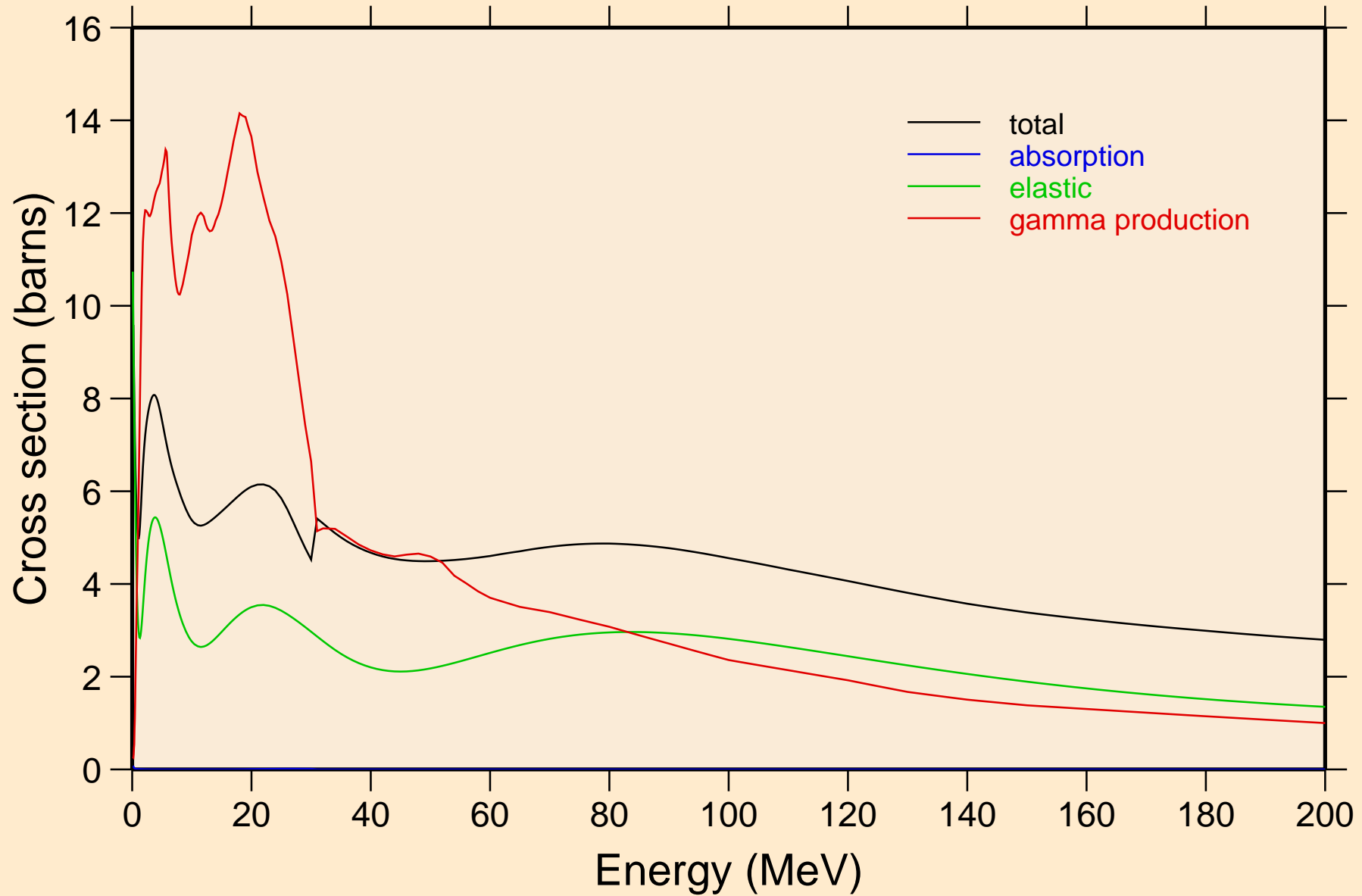


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

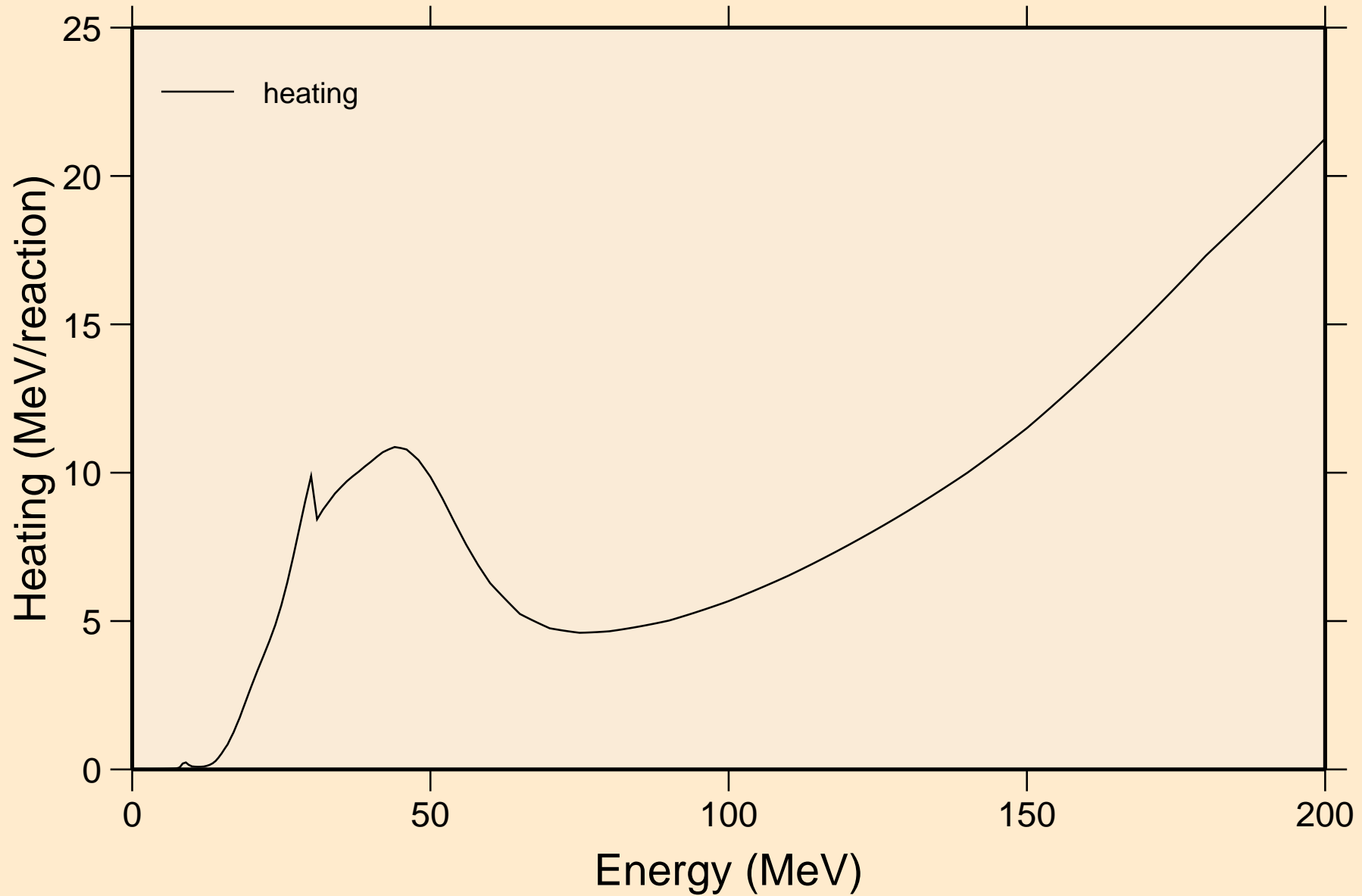


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections

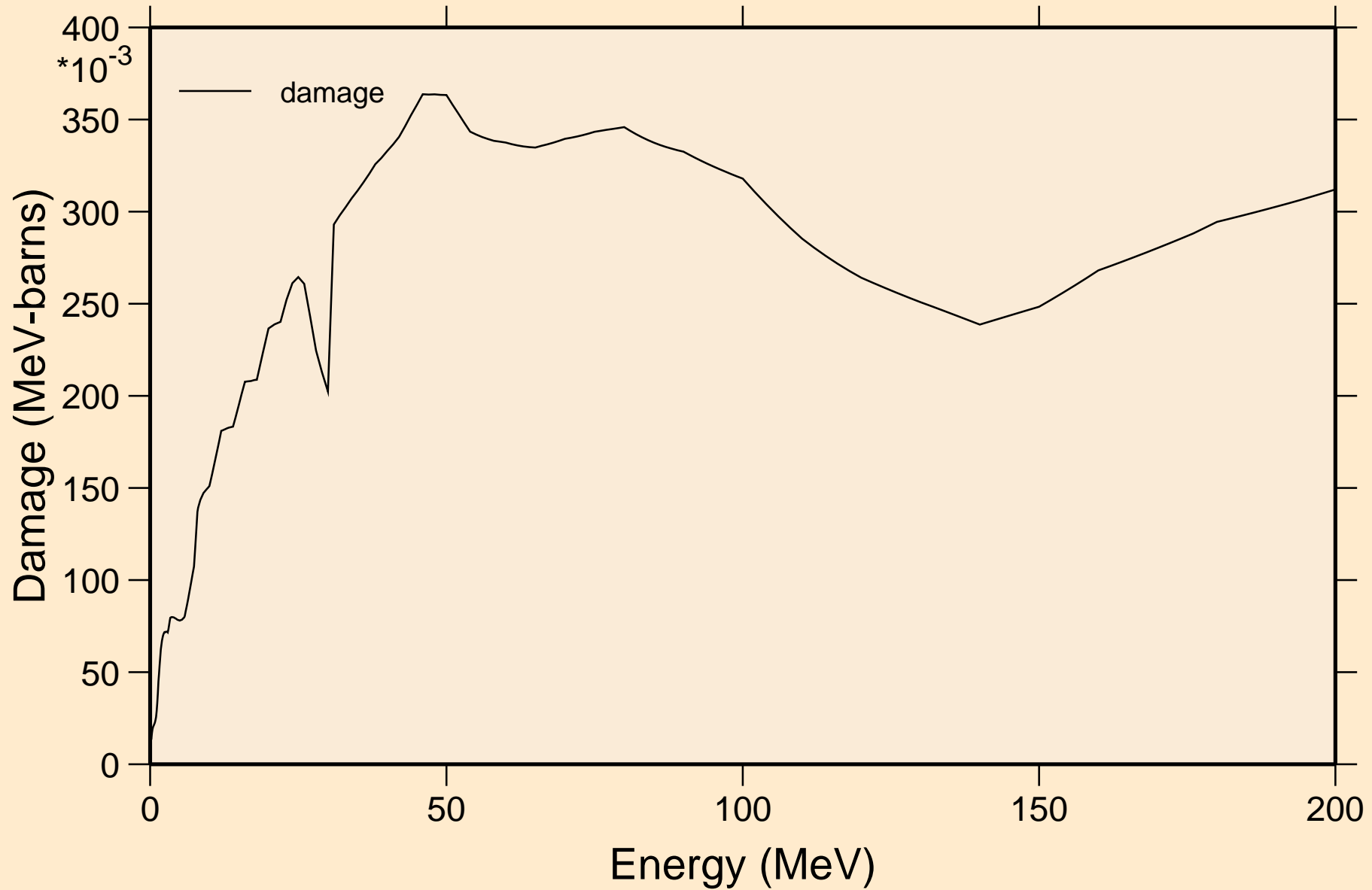


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

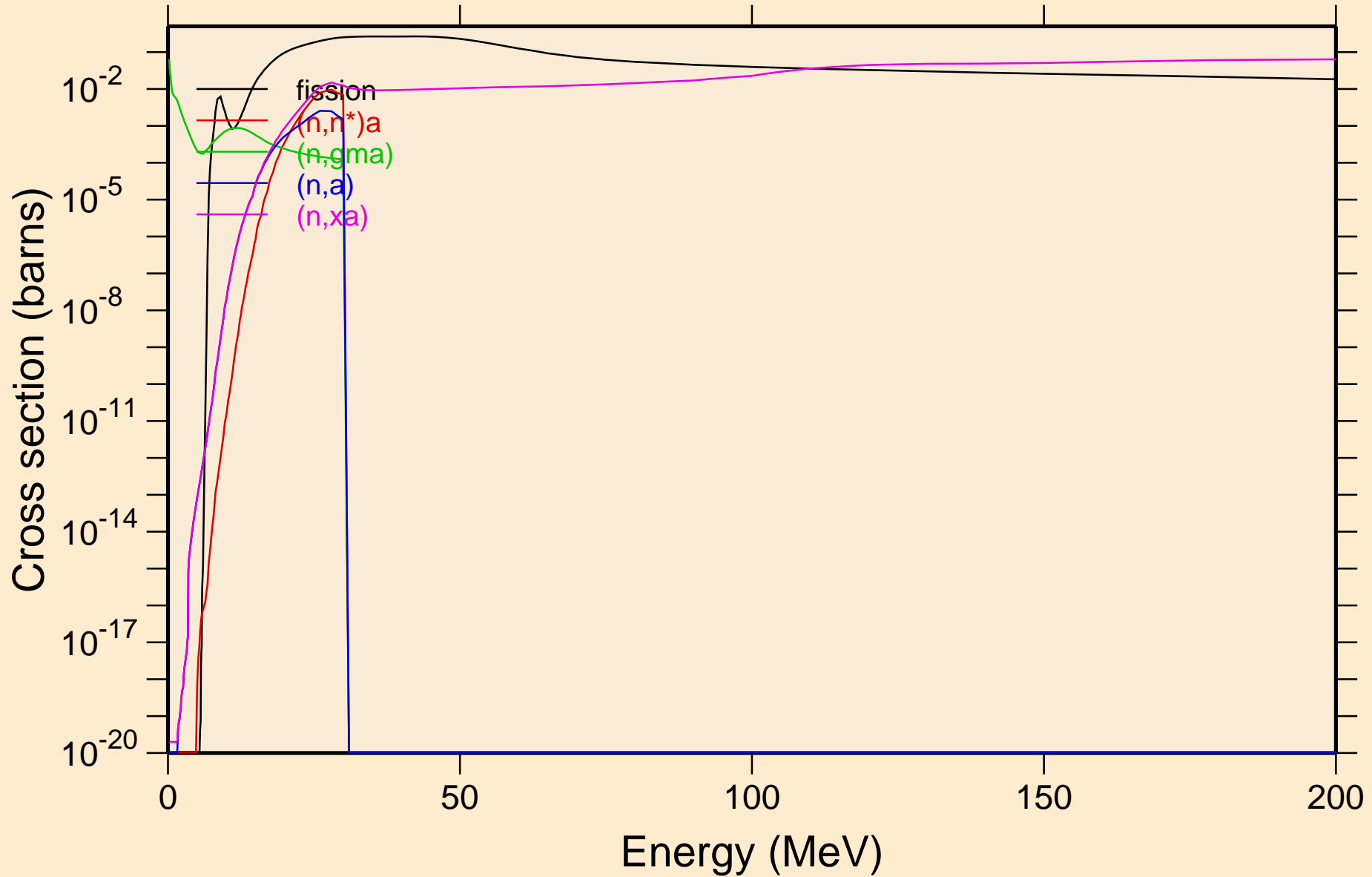


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage



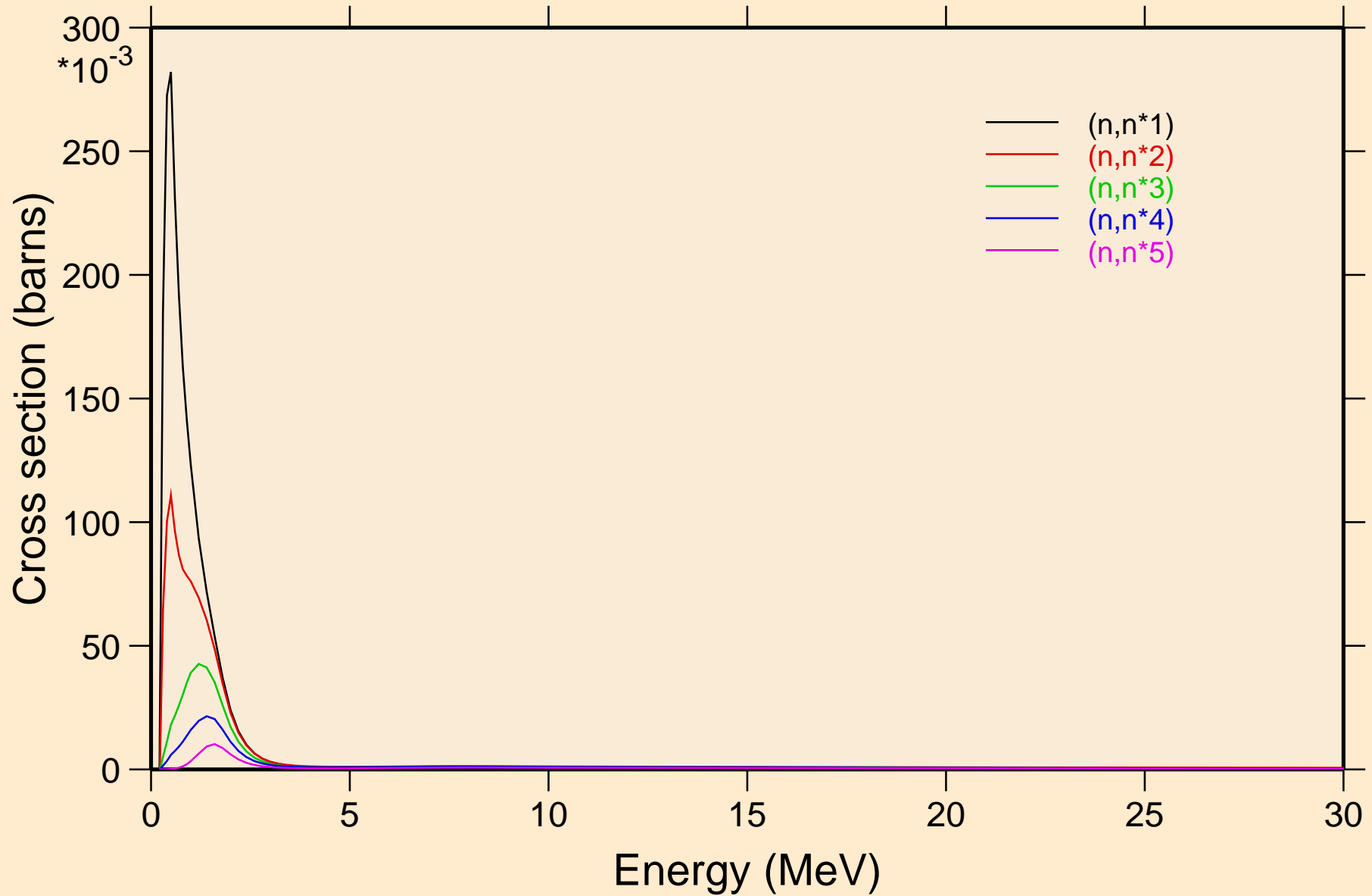
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

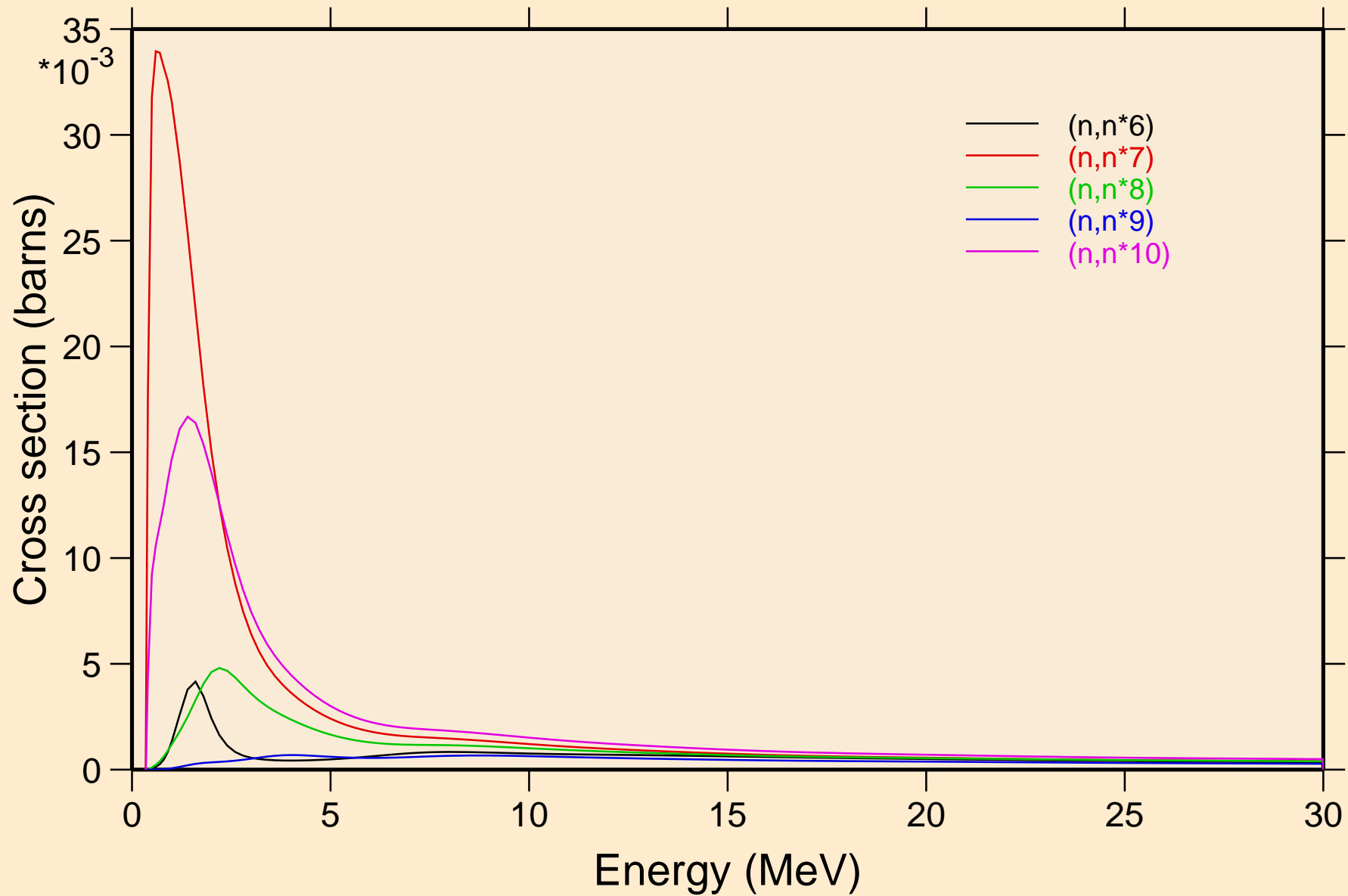


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

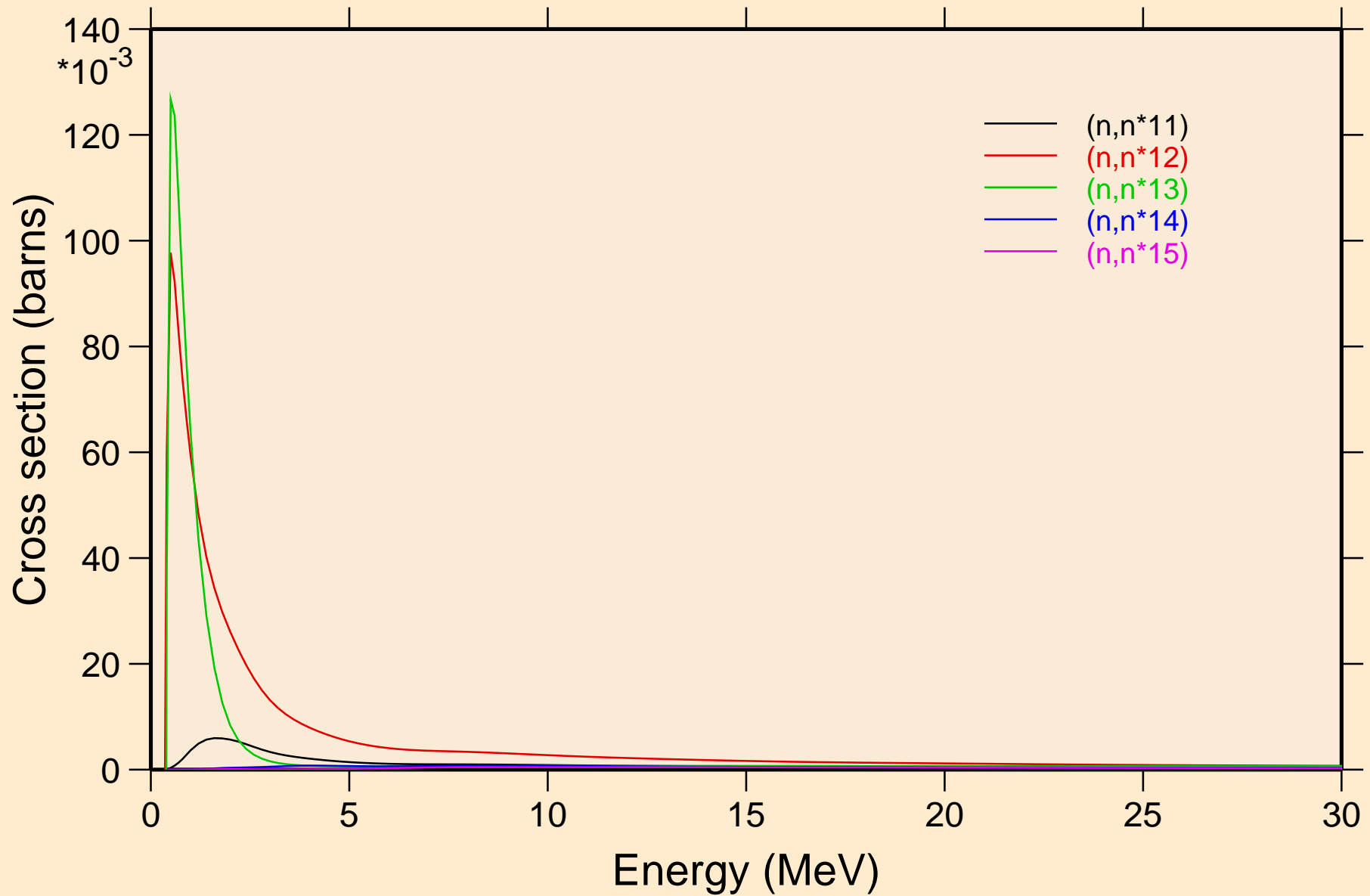
Inelastic levels



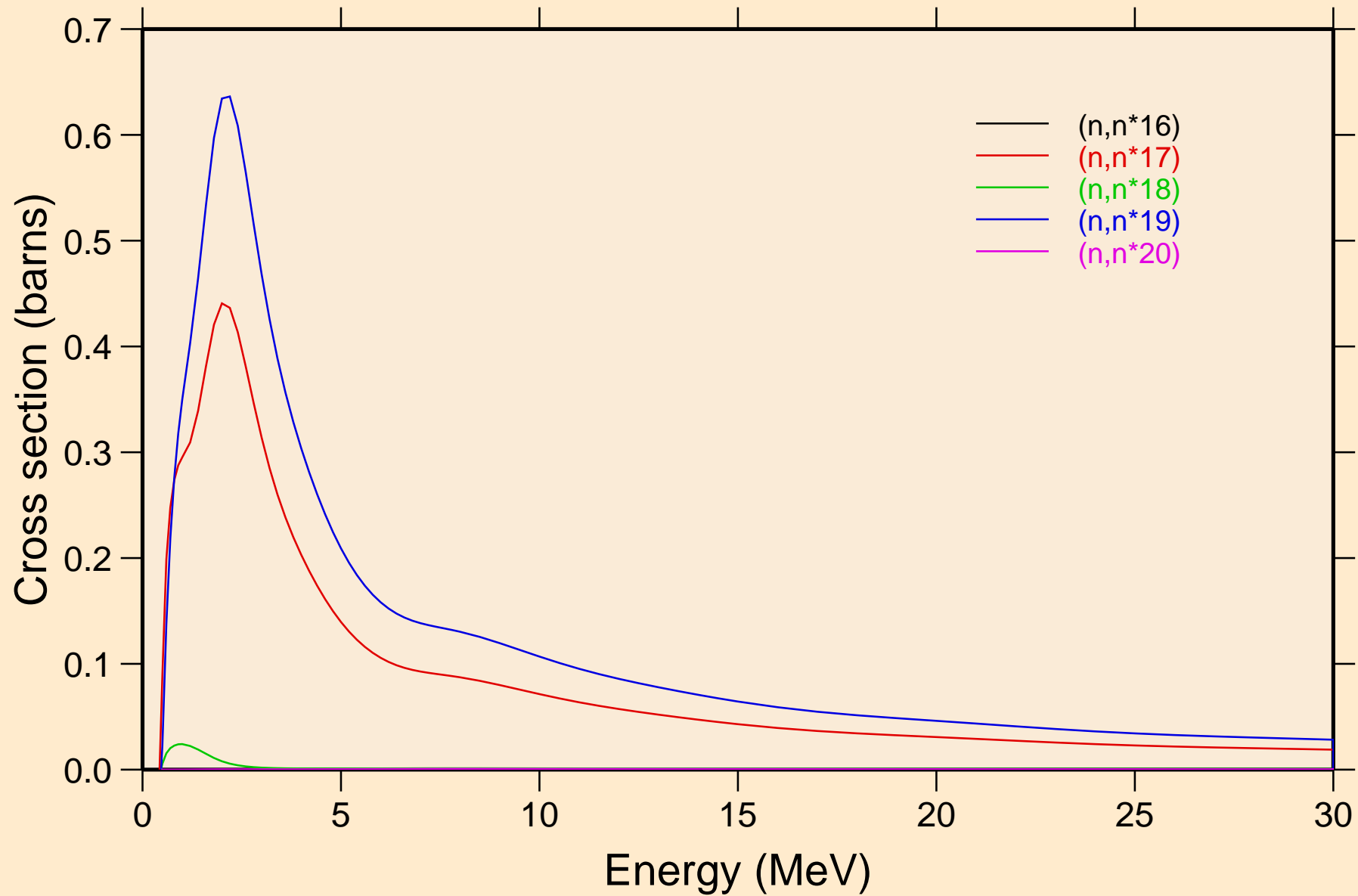
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



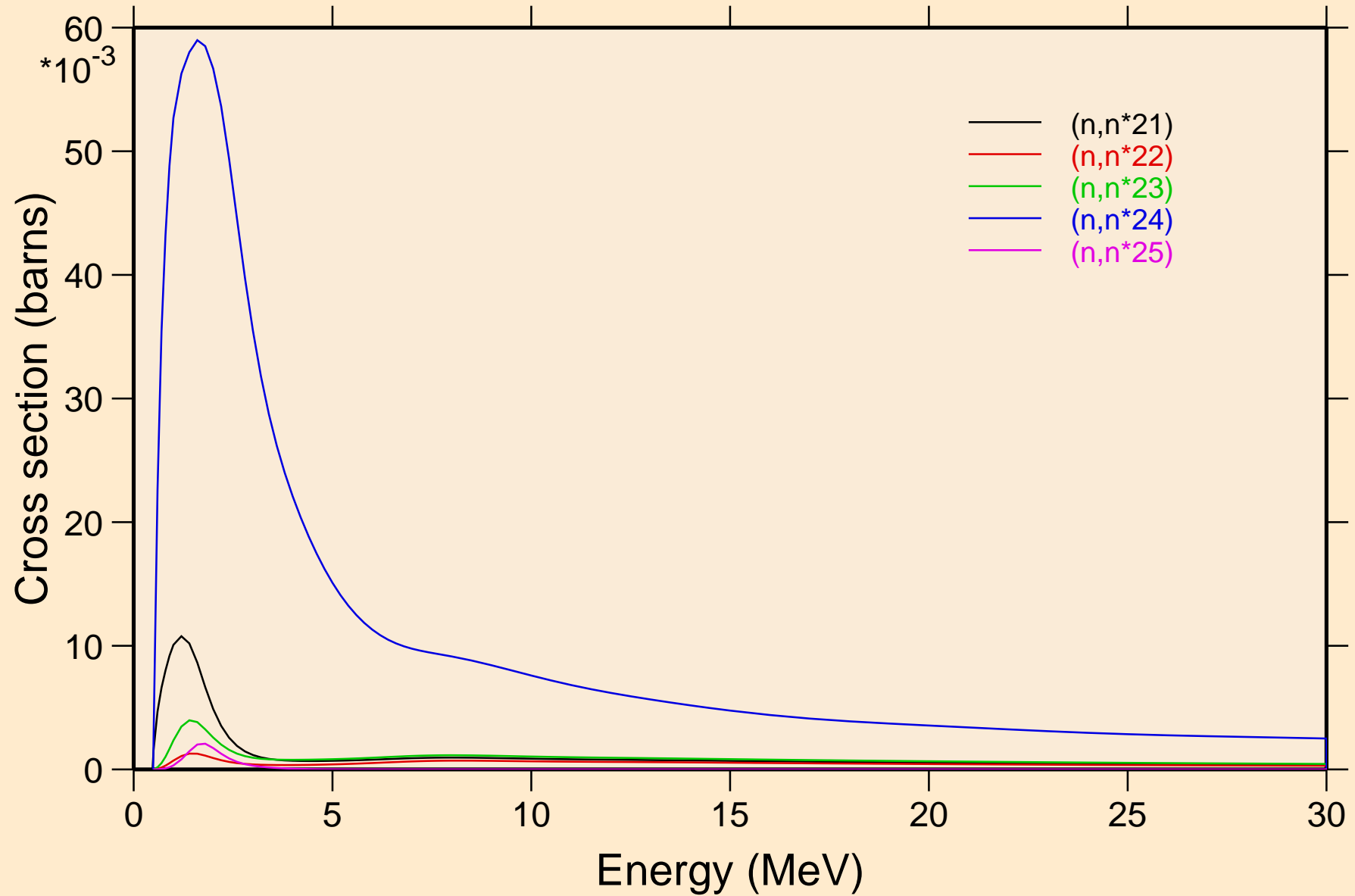
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



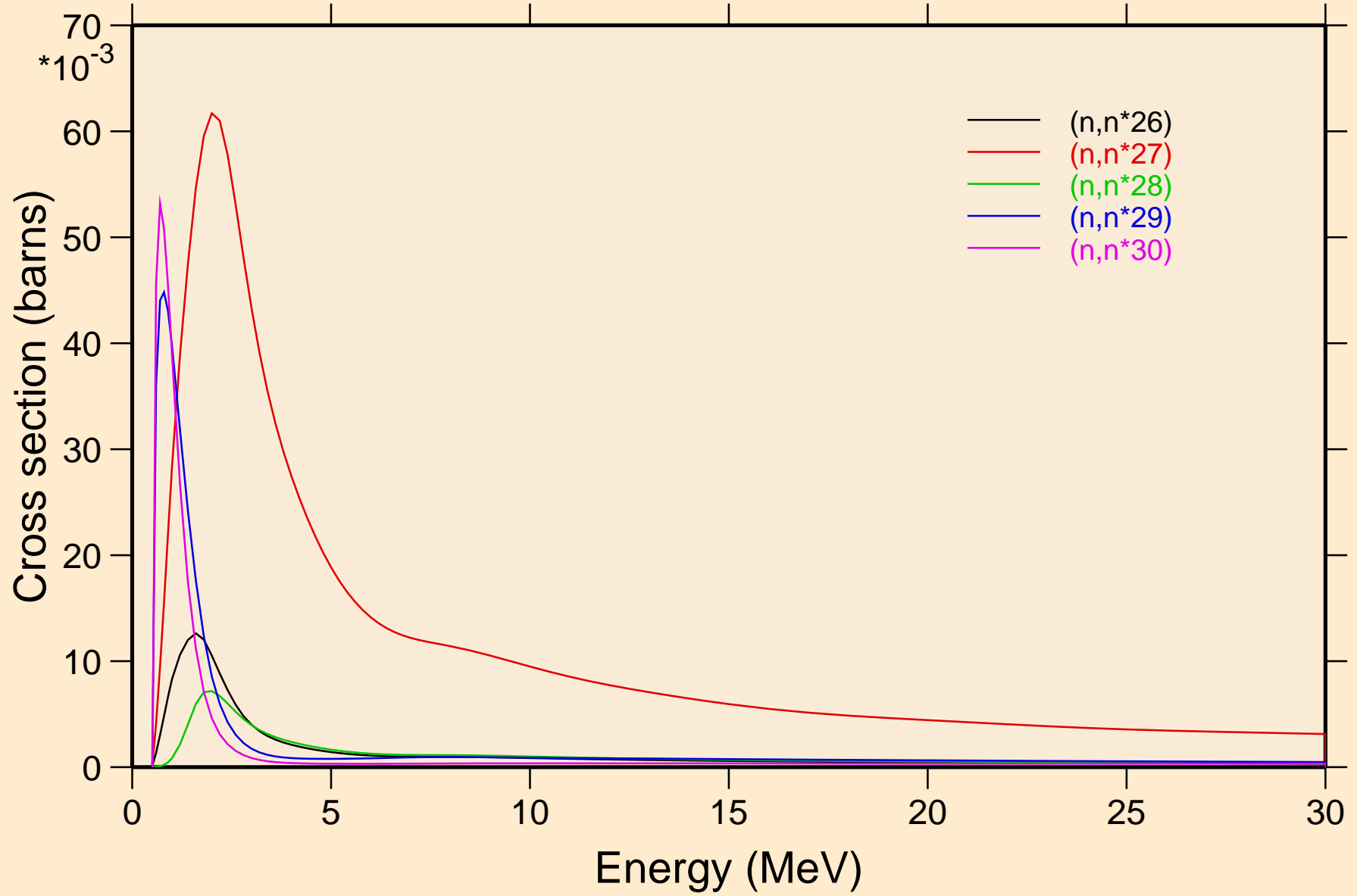
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

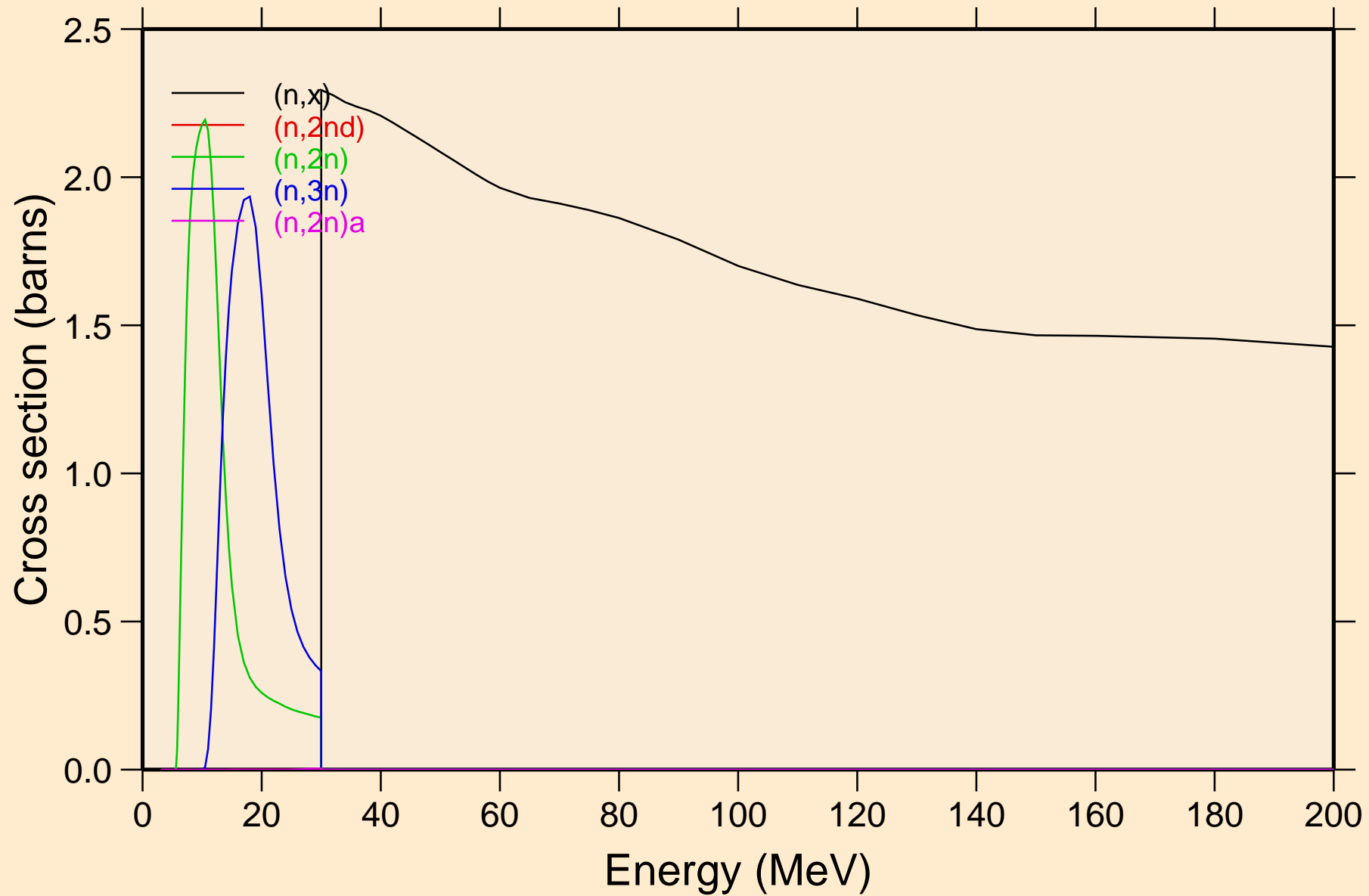


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

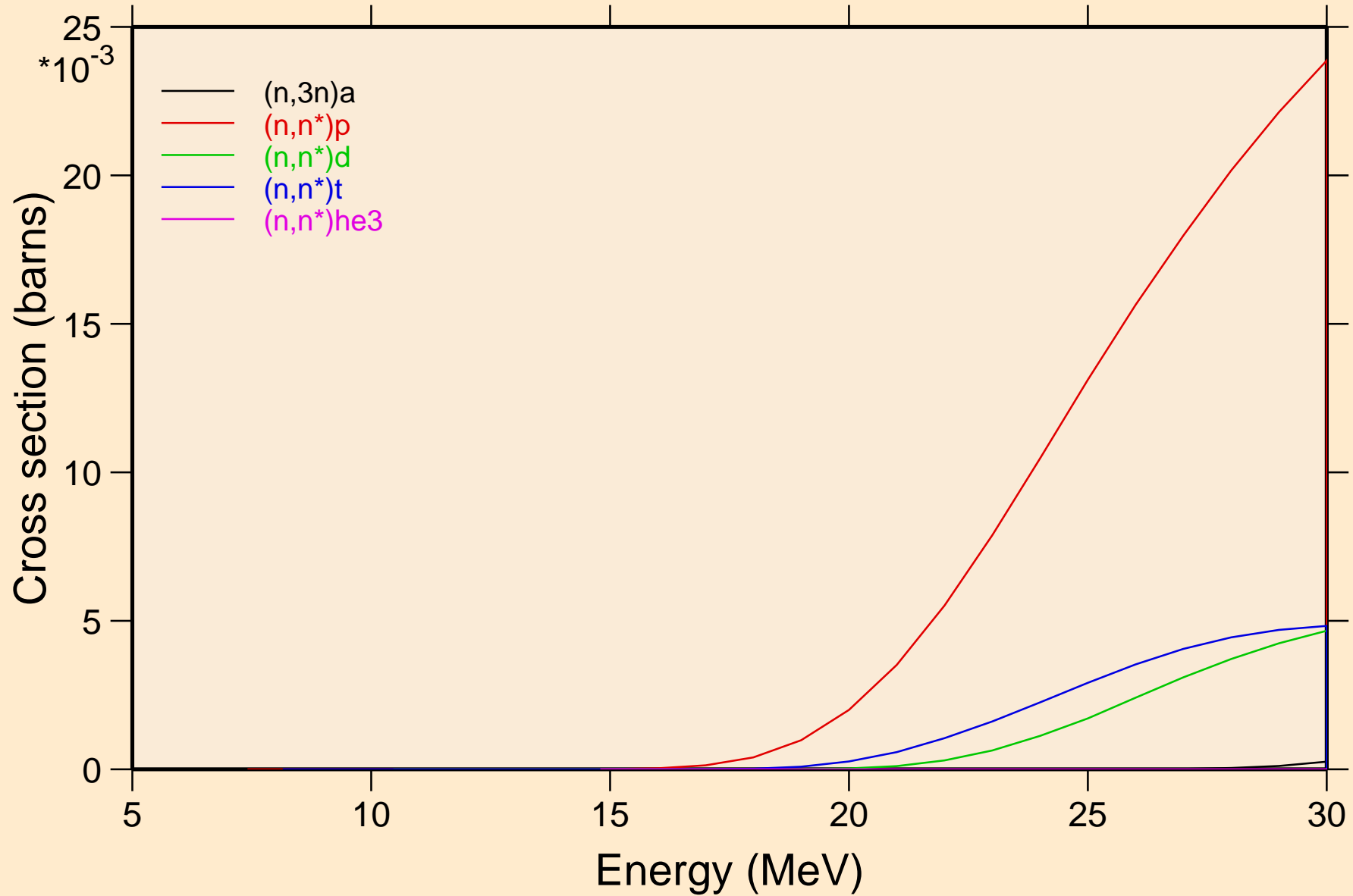


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

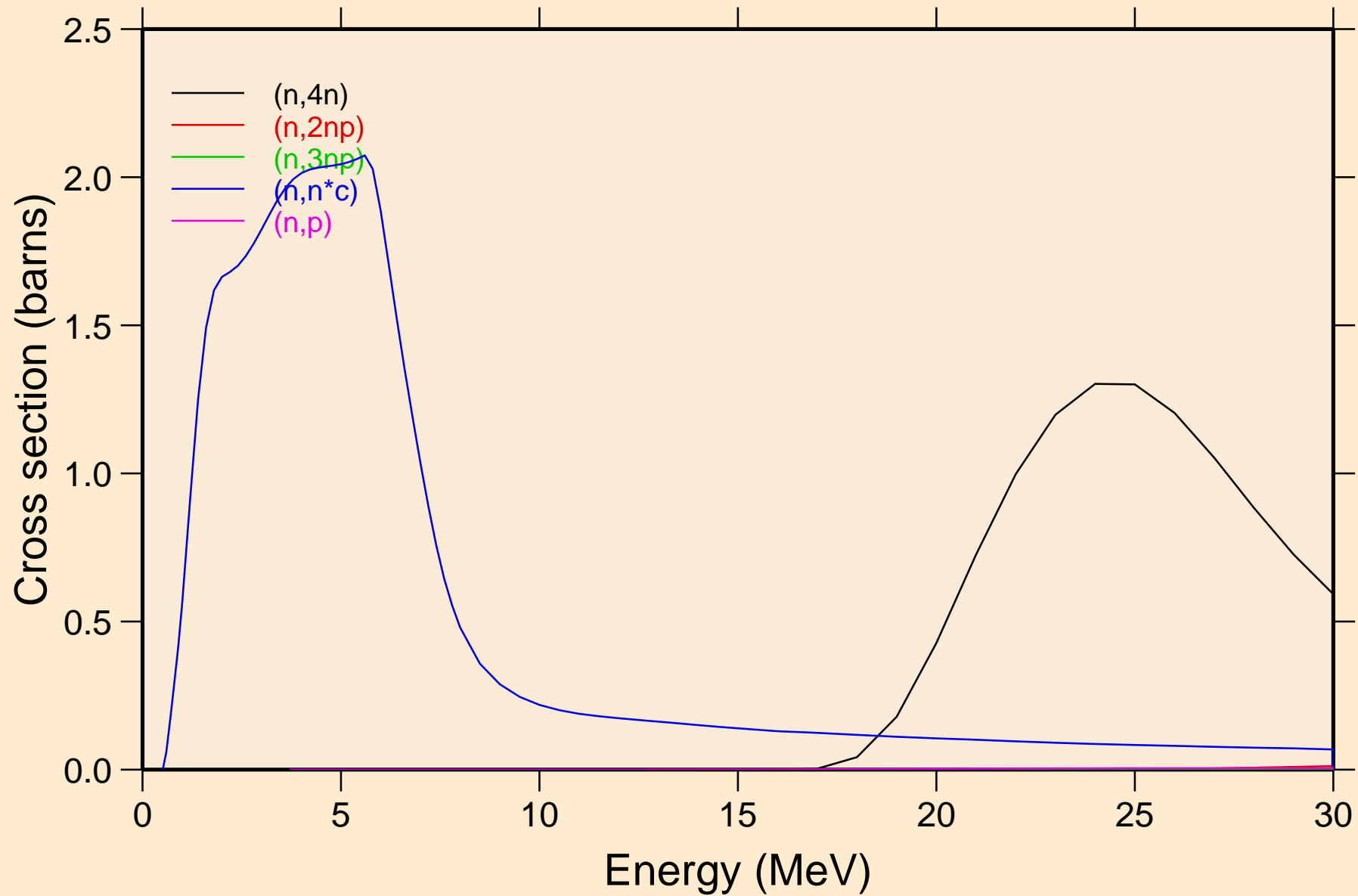
Threshold reactions



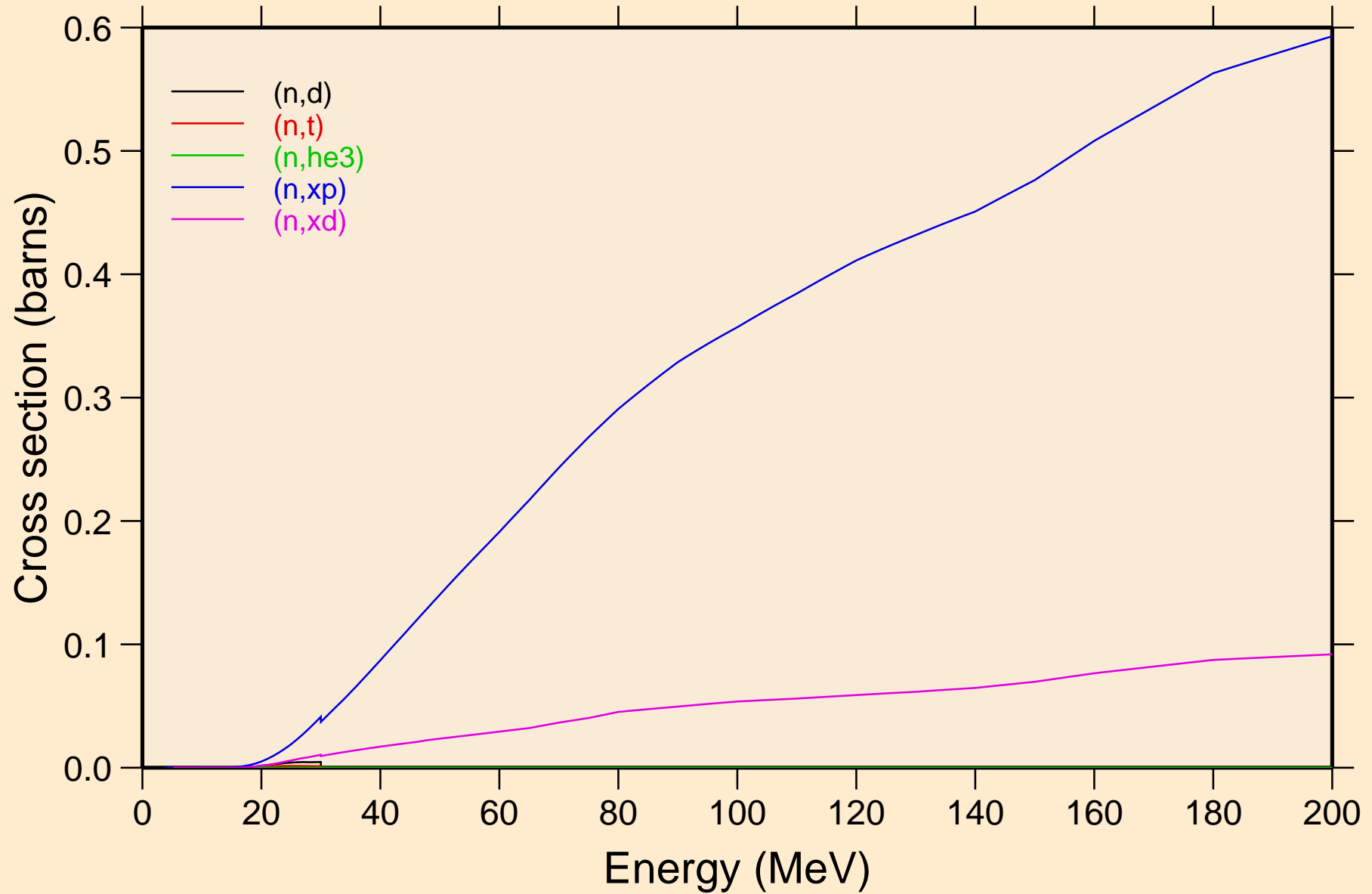
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



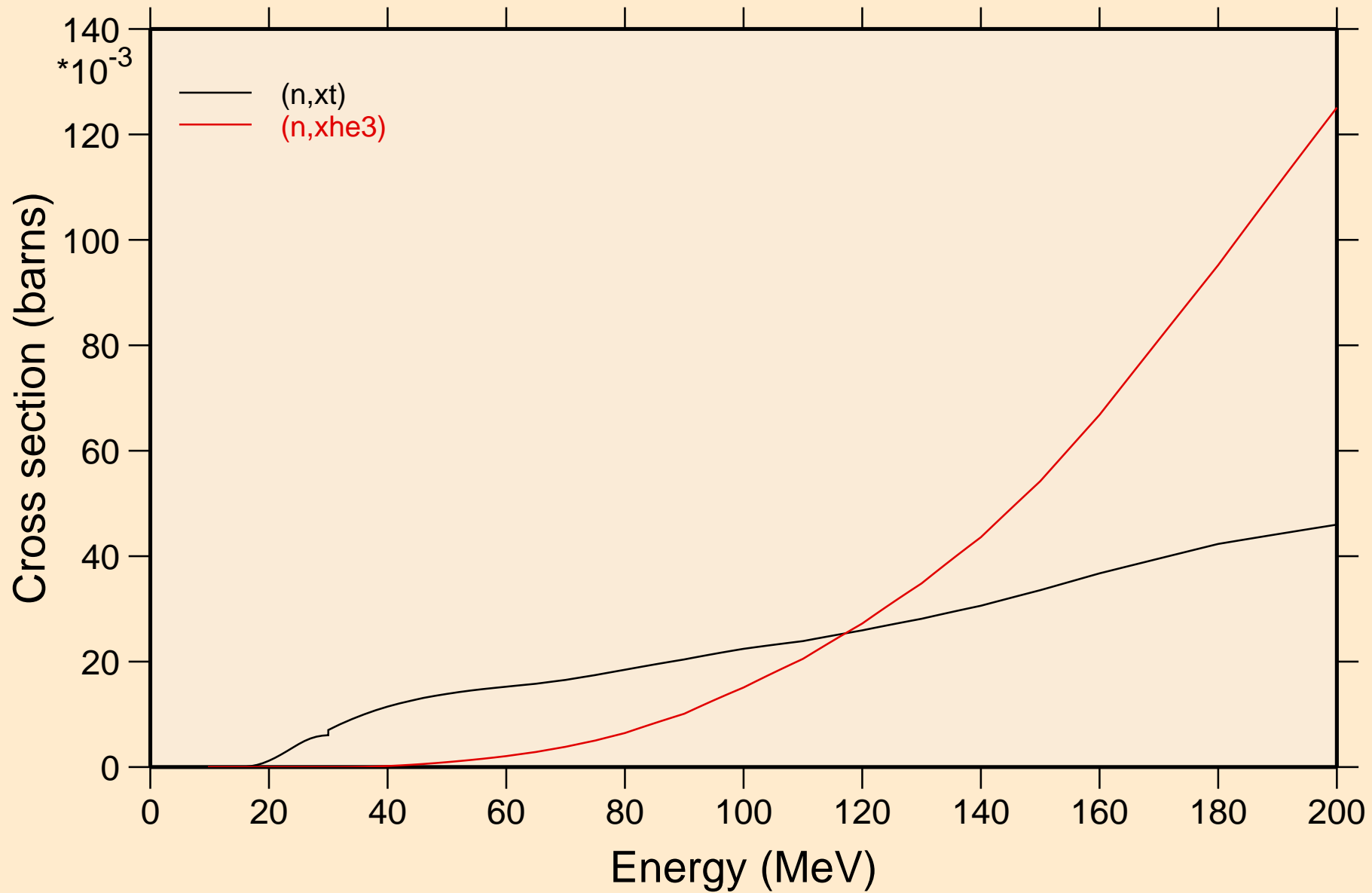
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



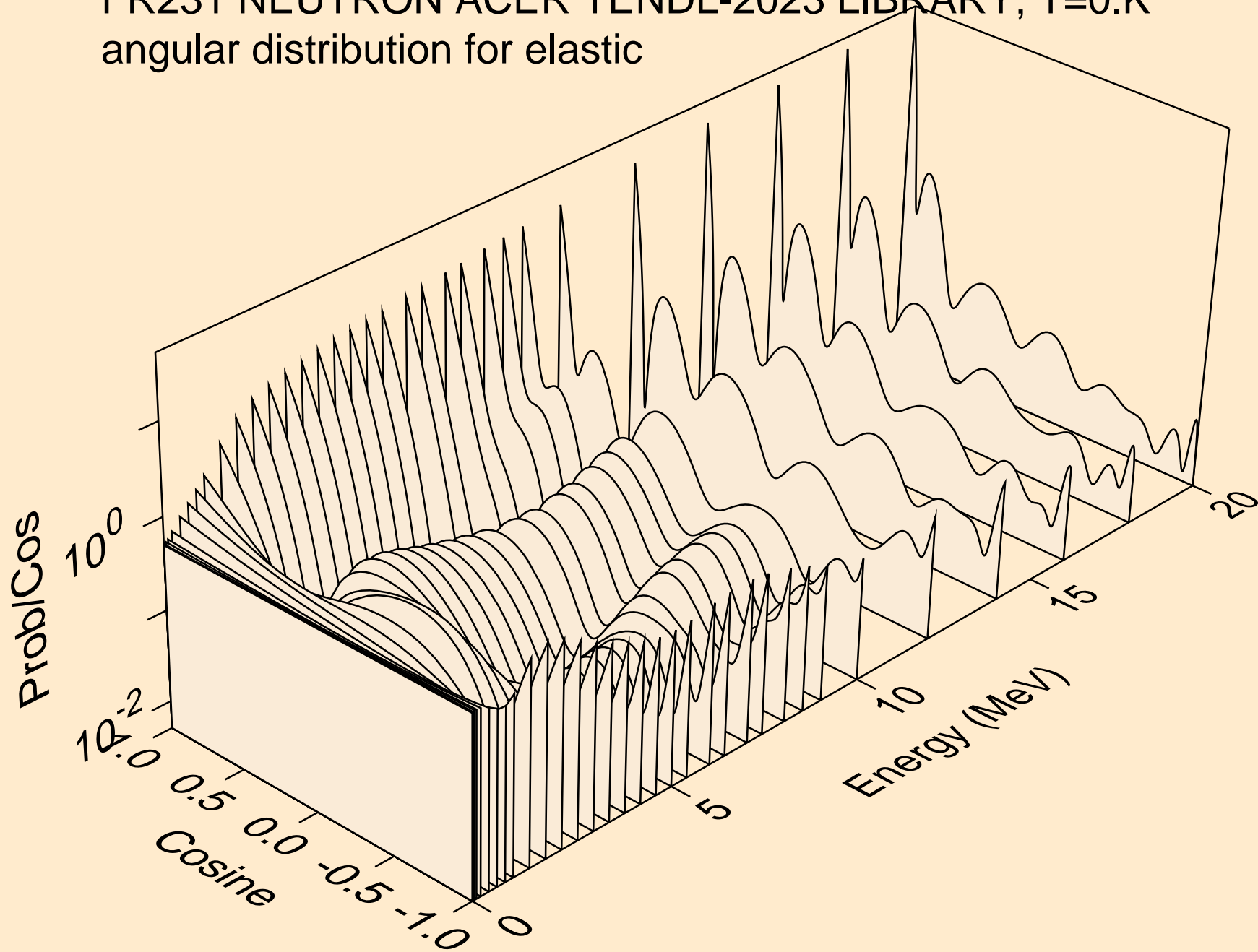
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



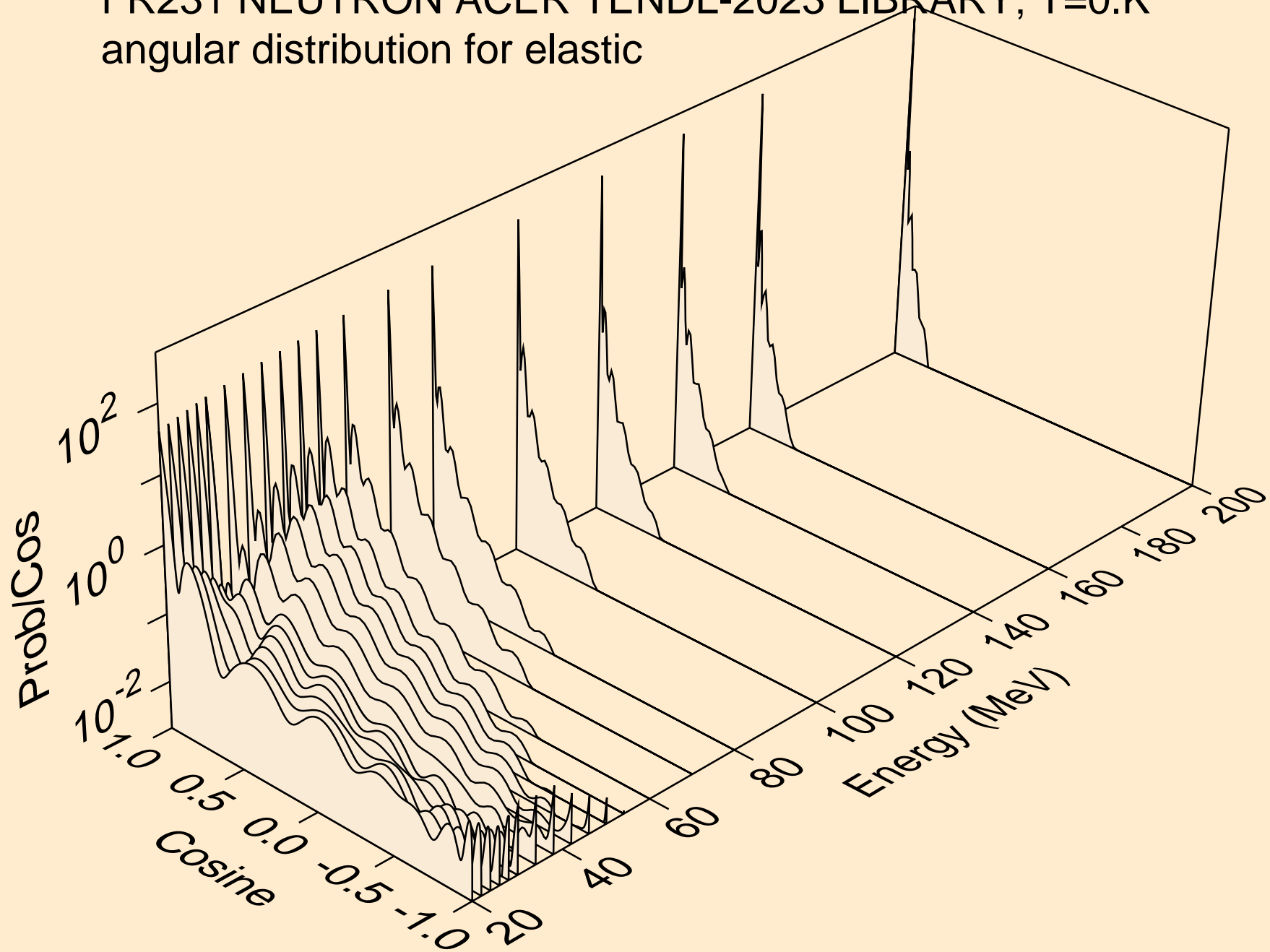
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



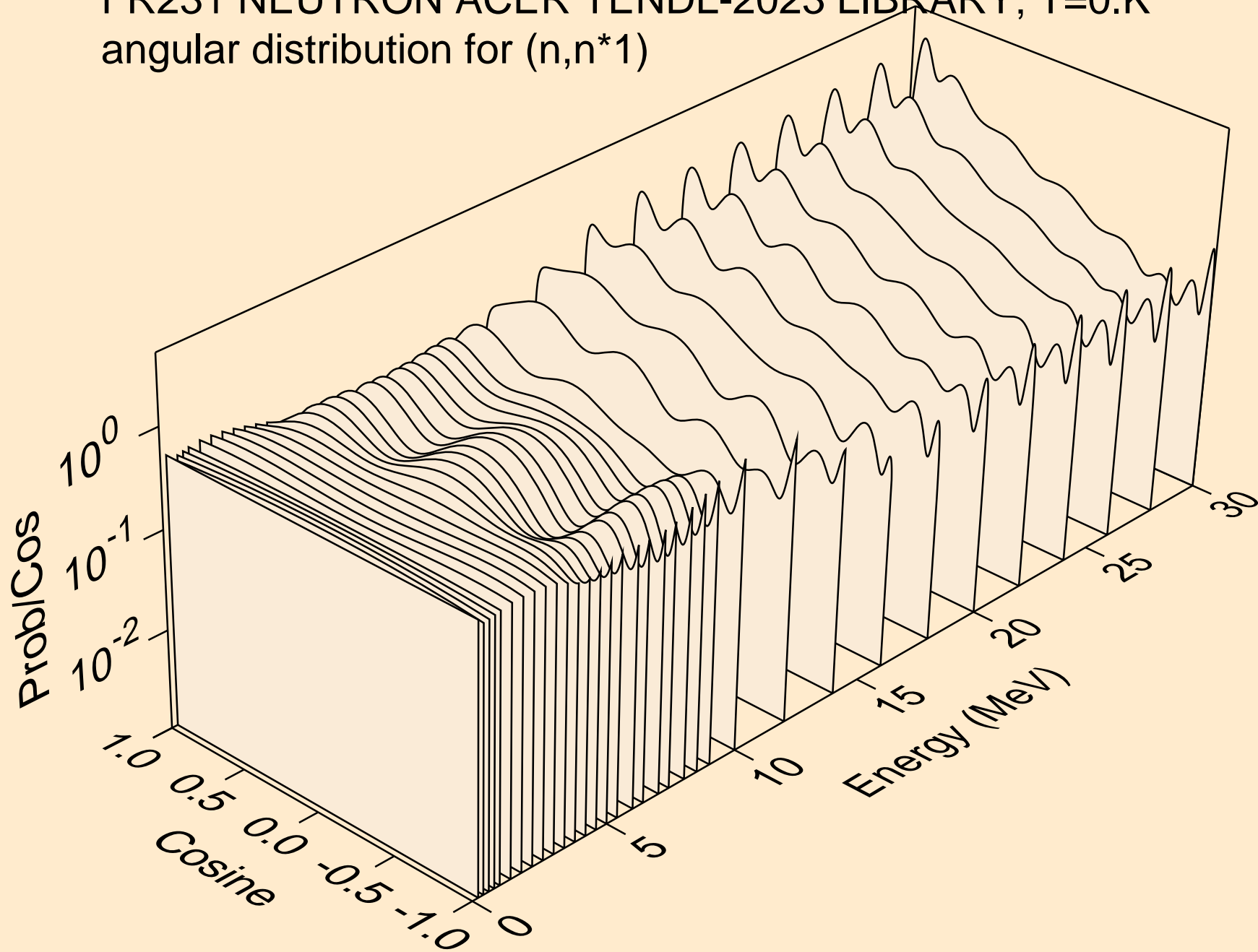
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



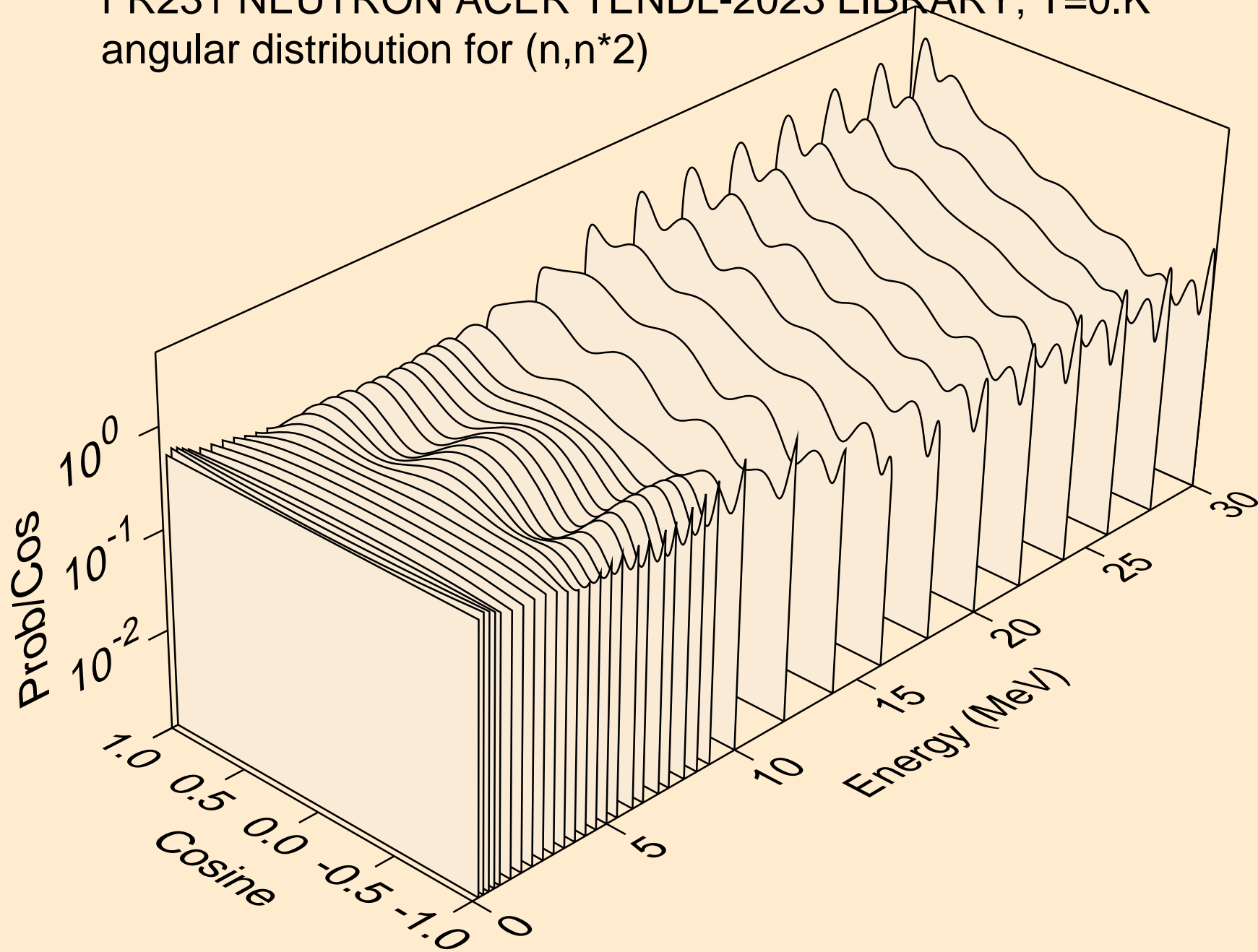
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



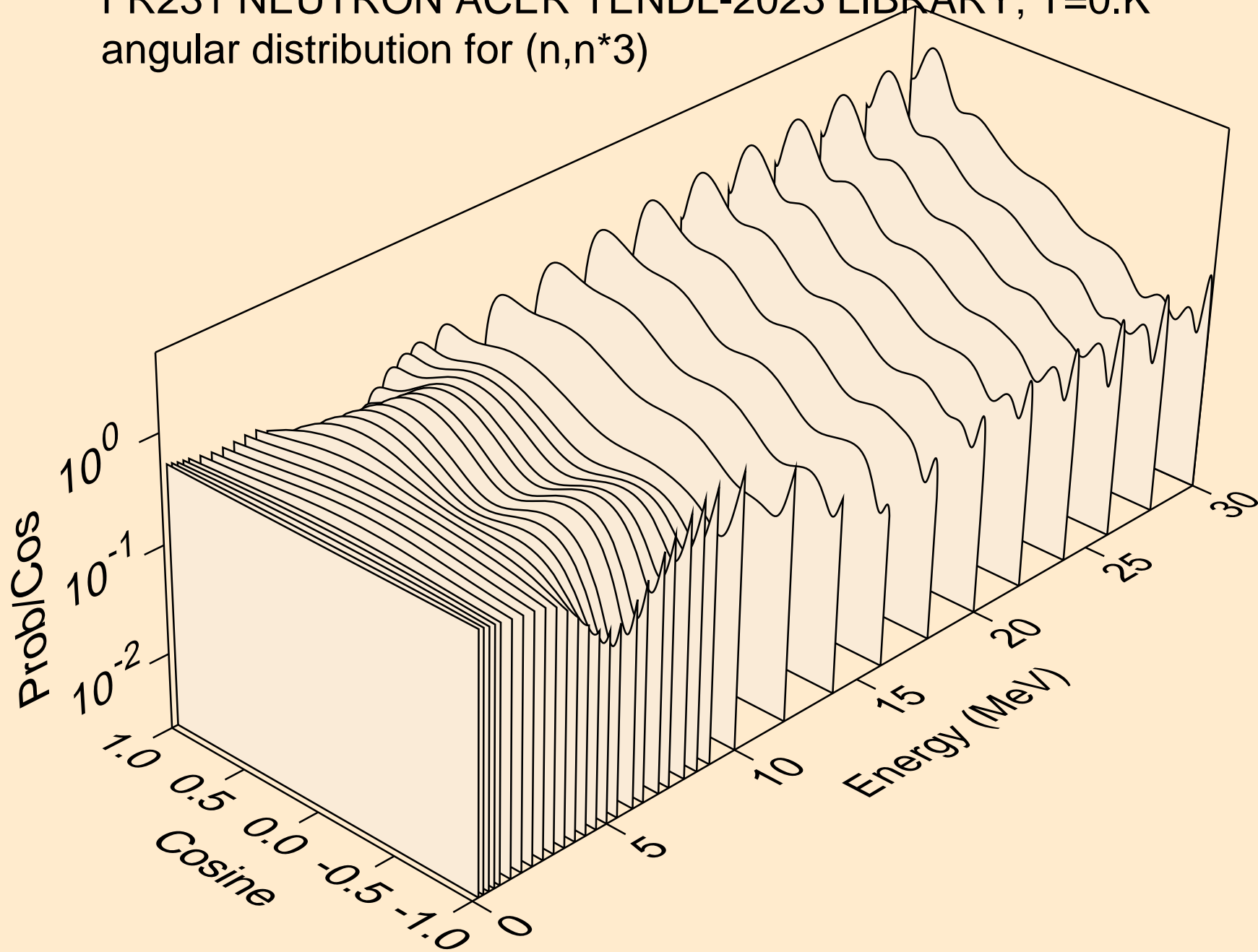
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angular distribution for (n,n*1)



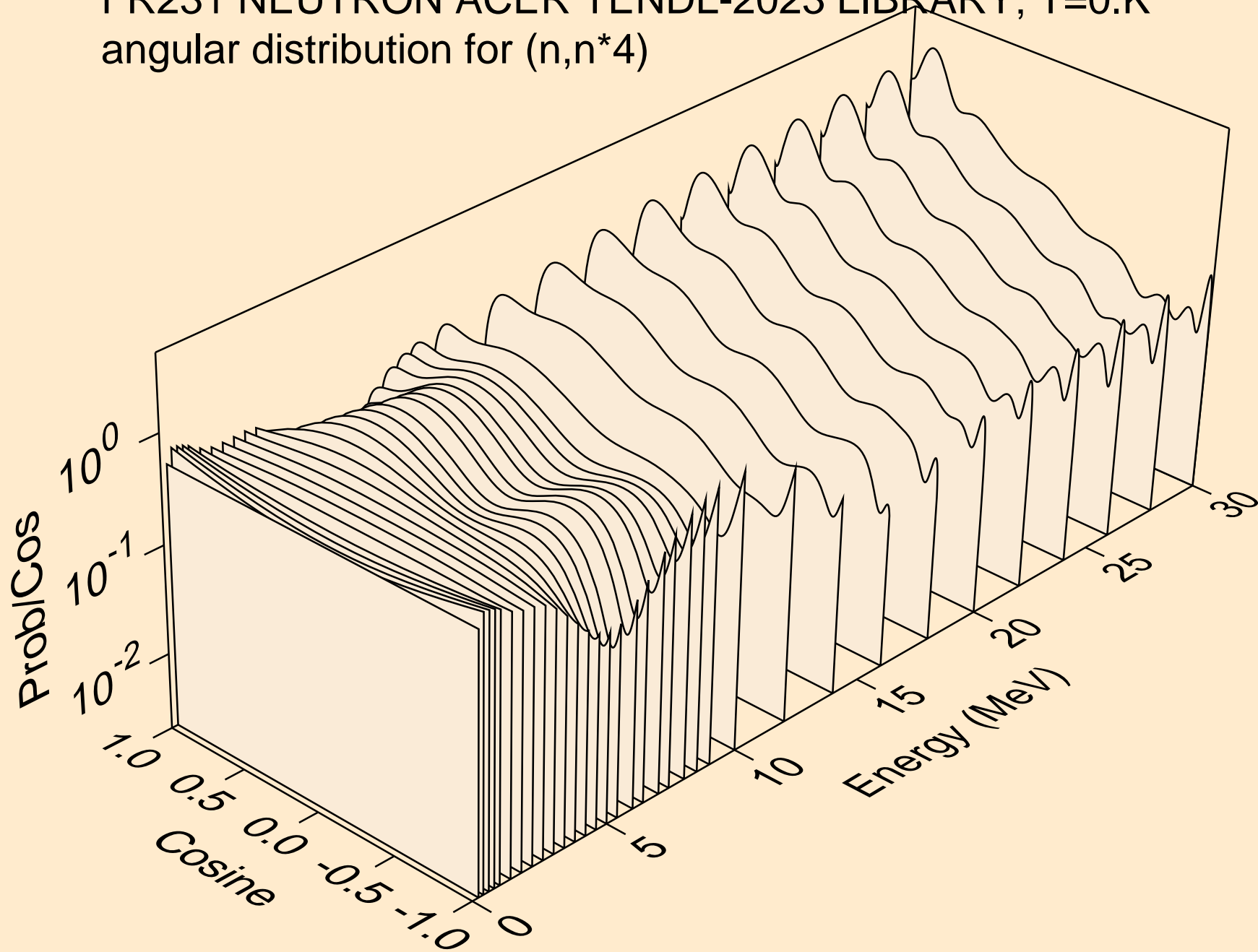
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



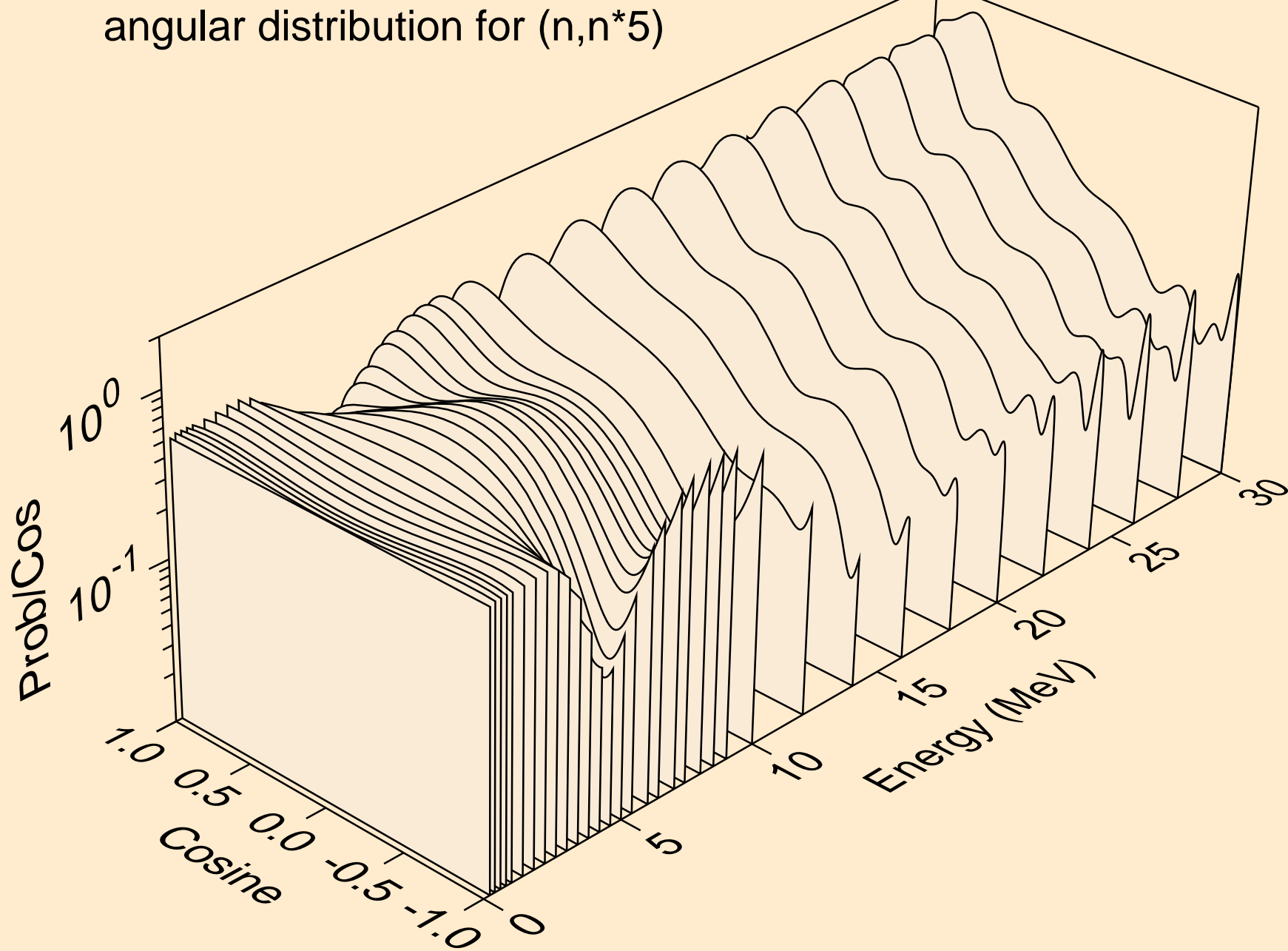
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



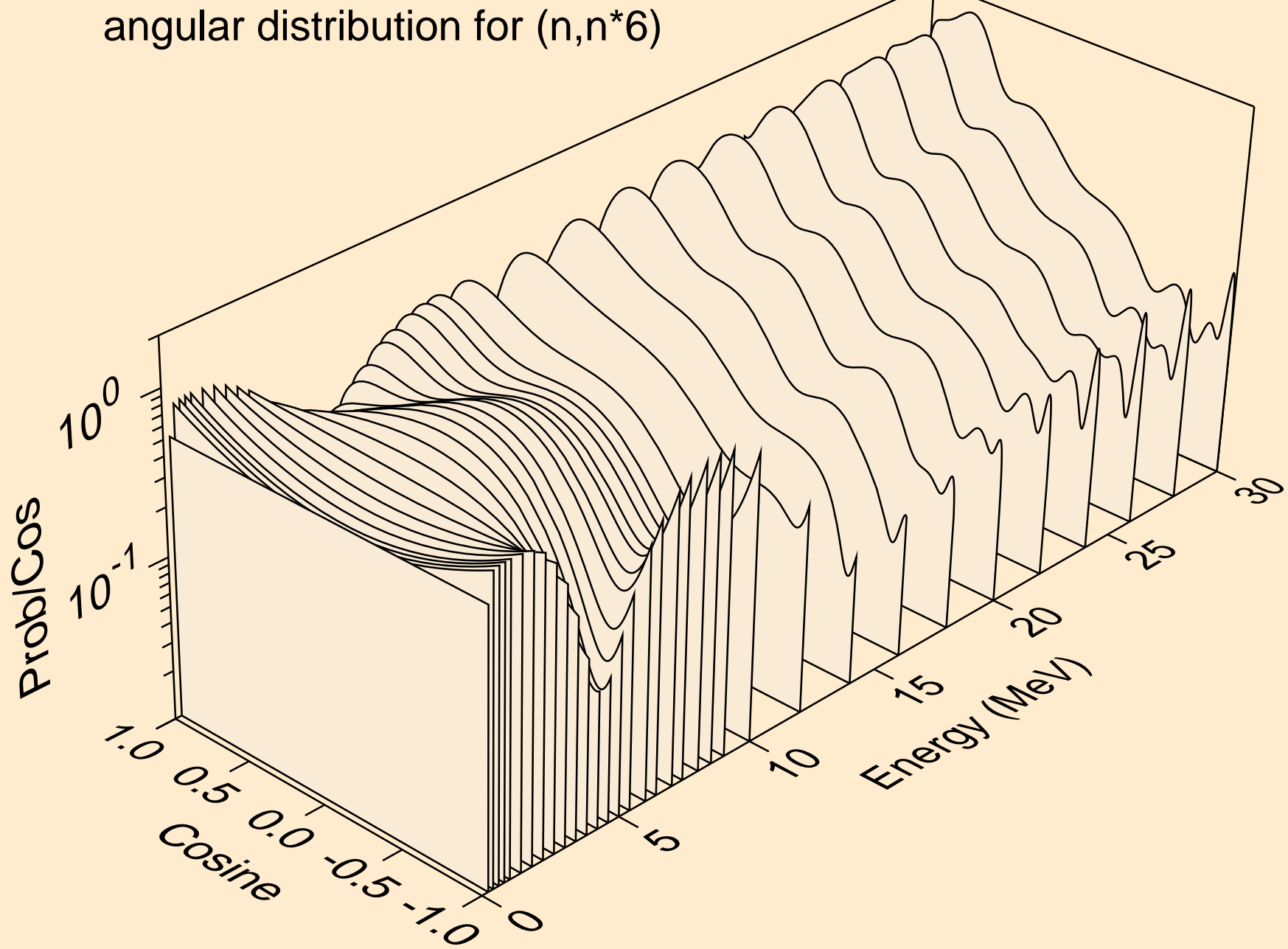
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



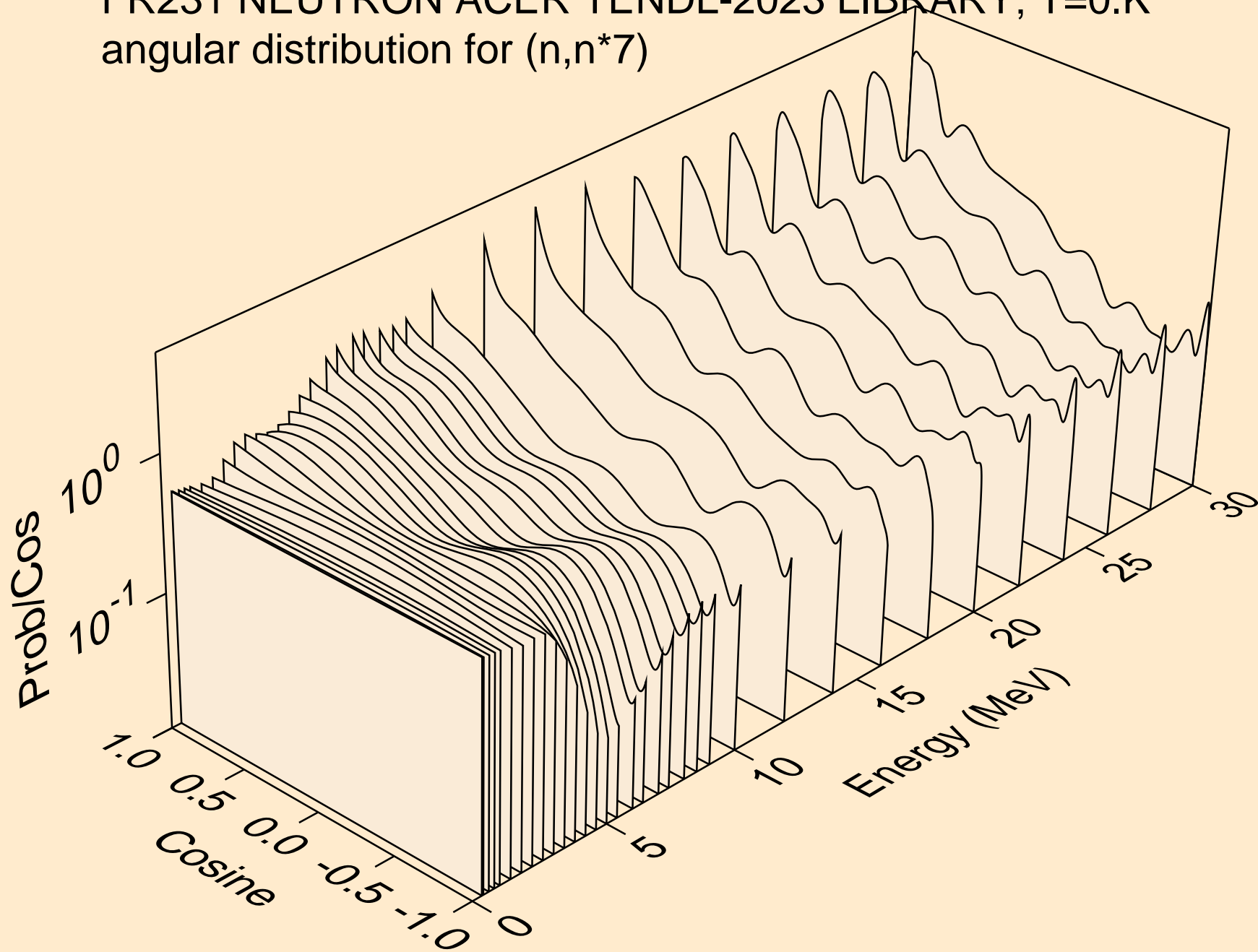
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angular distribution for (n,n*5)



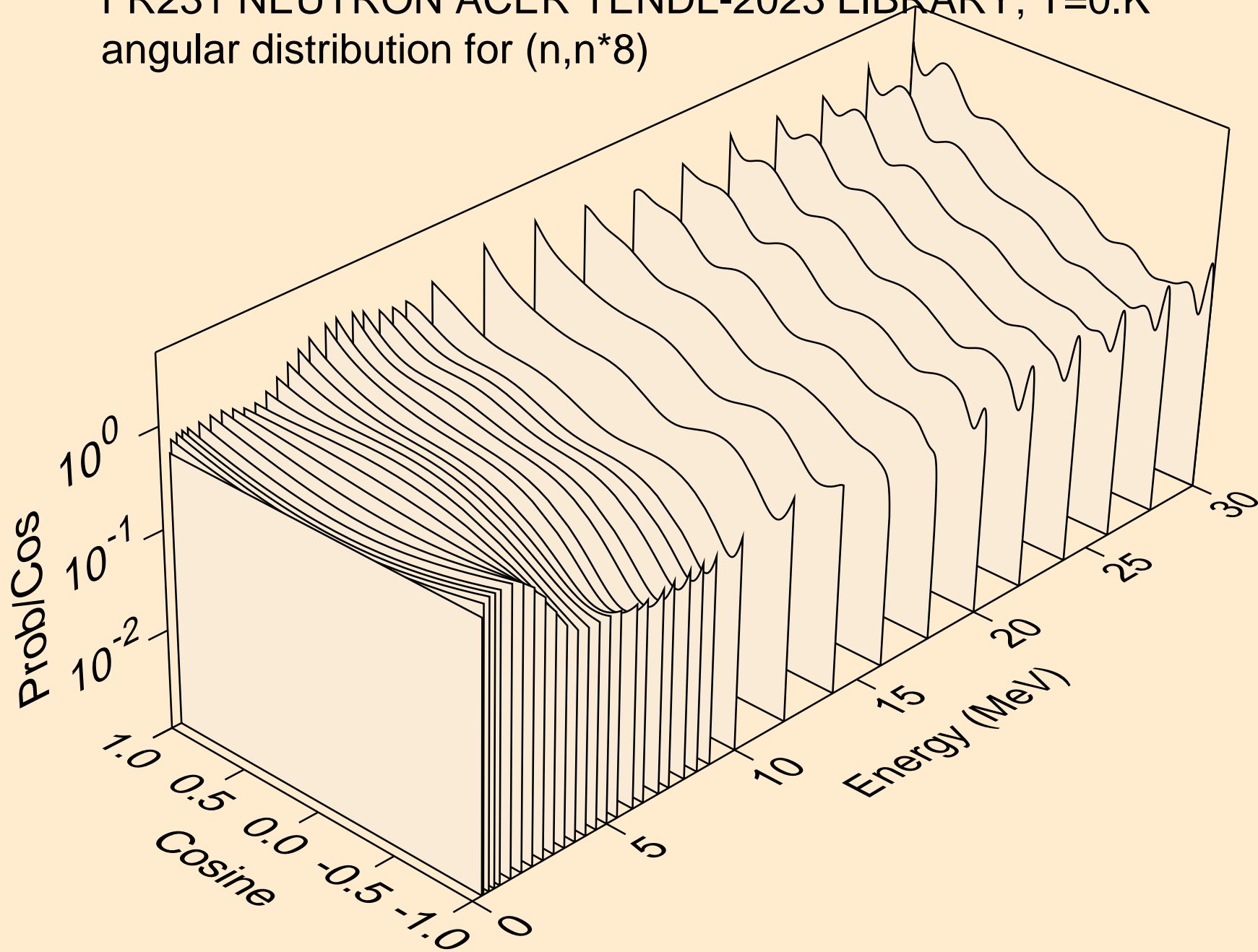
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angular distribution for (n,n*6)



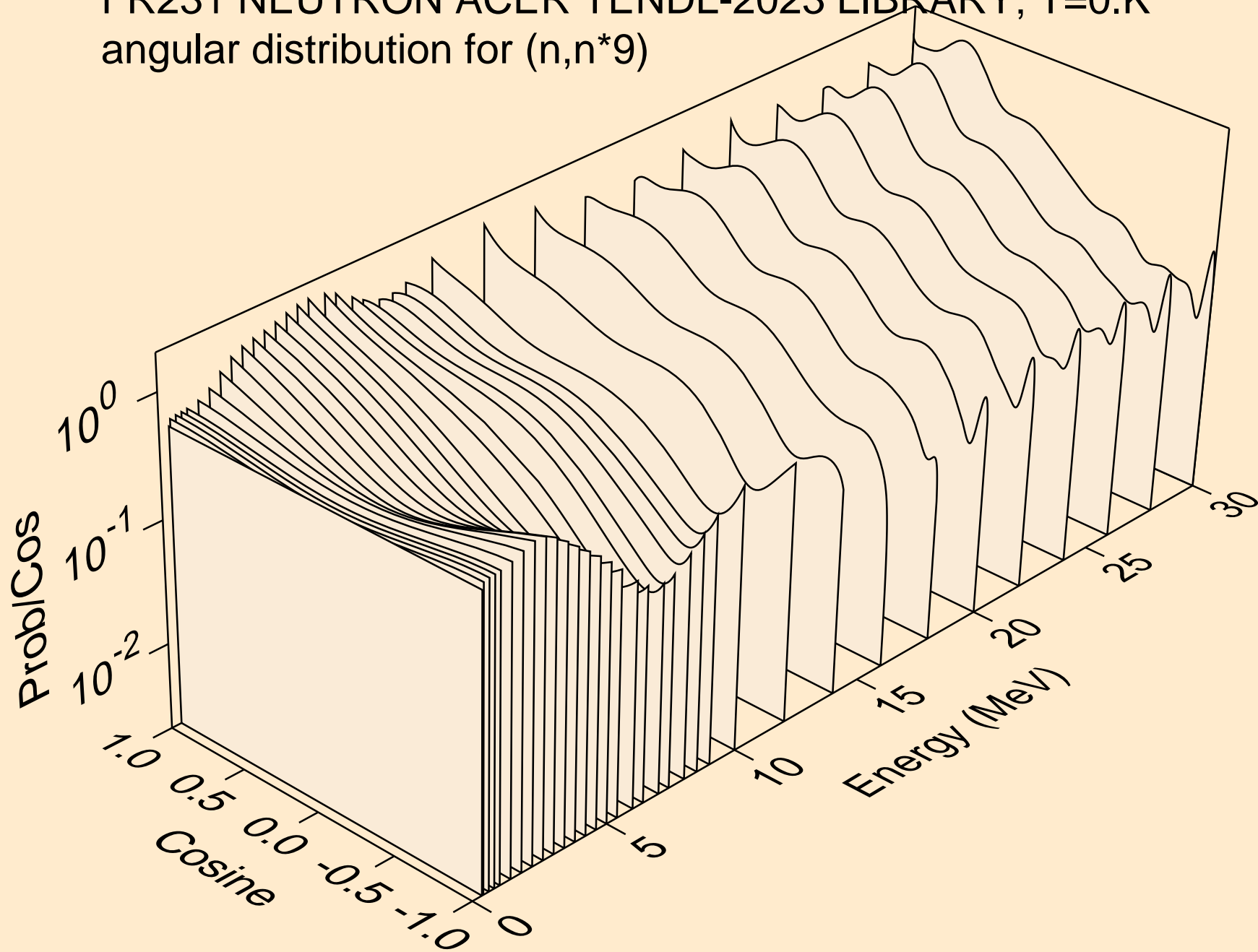
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angular distribution for (n,n*7)



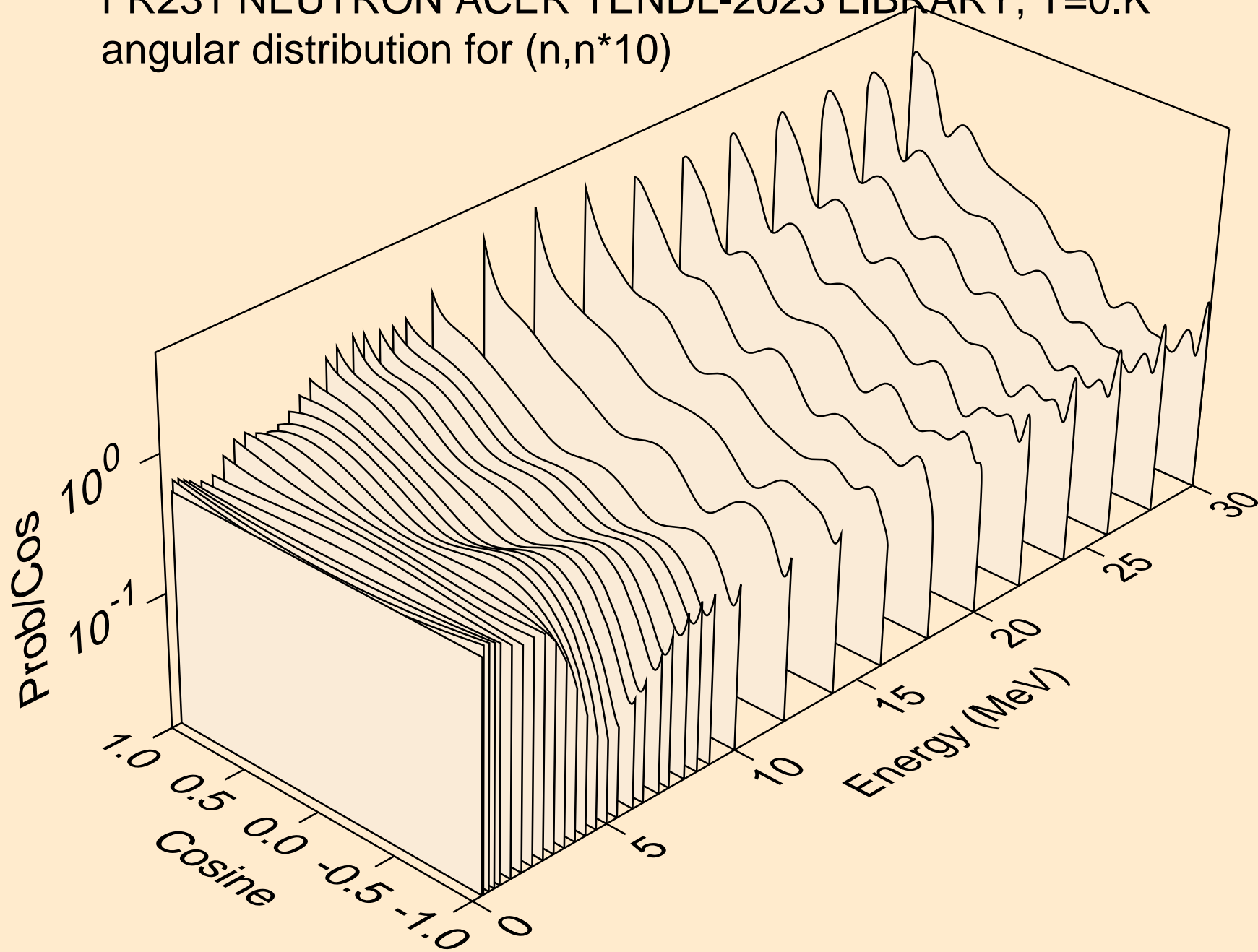
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angular distribution for (n,n*8)



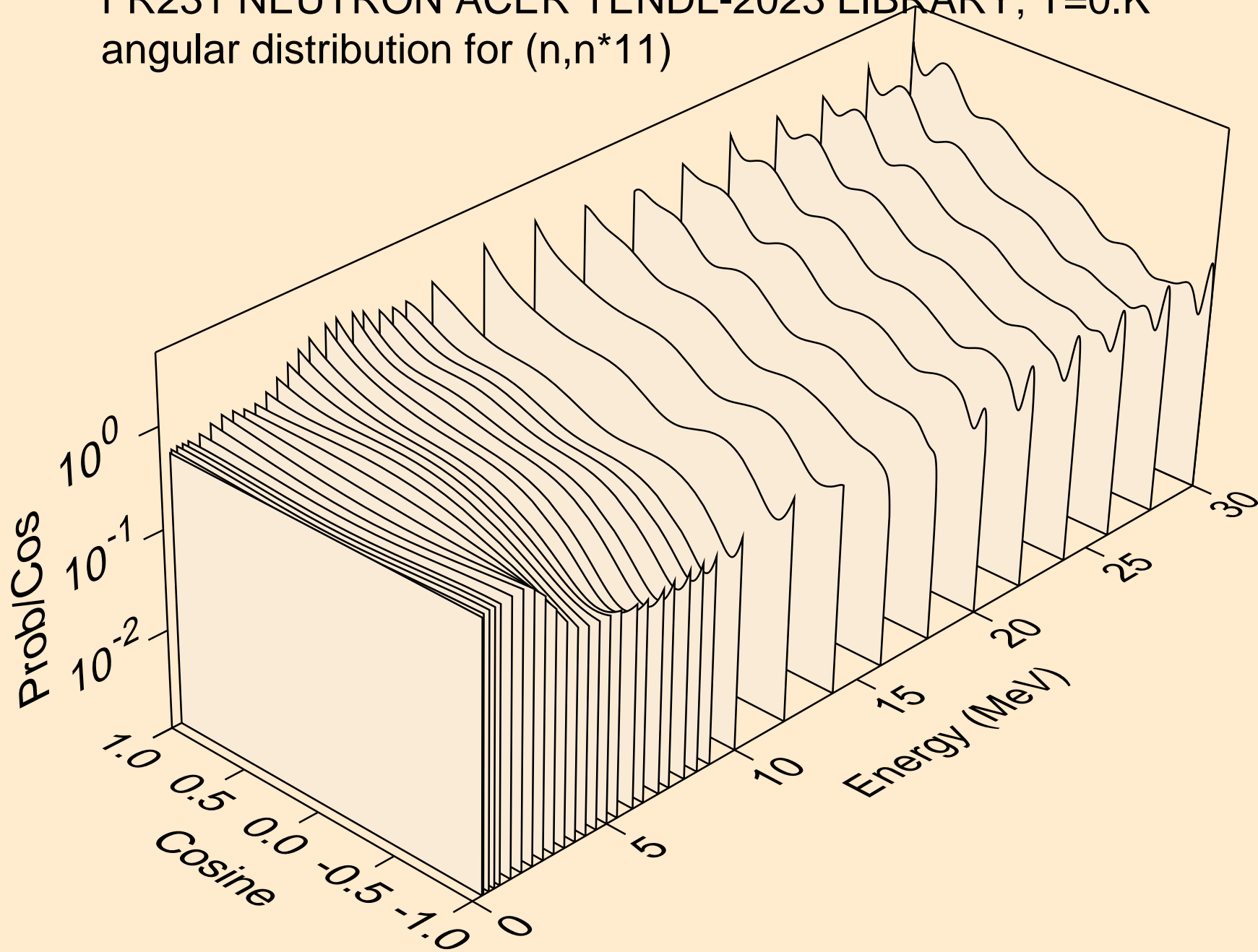
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angular distribution for (n,n*9)



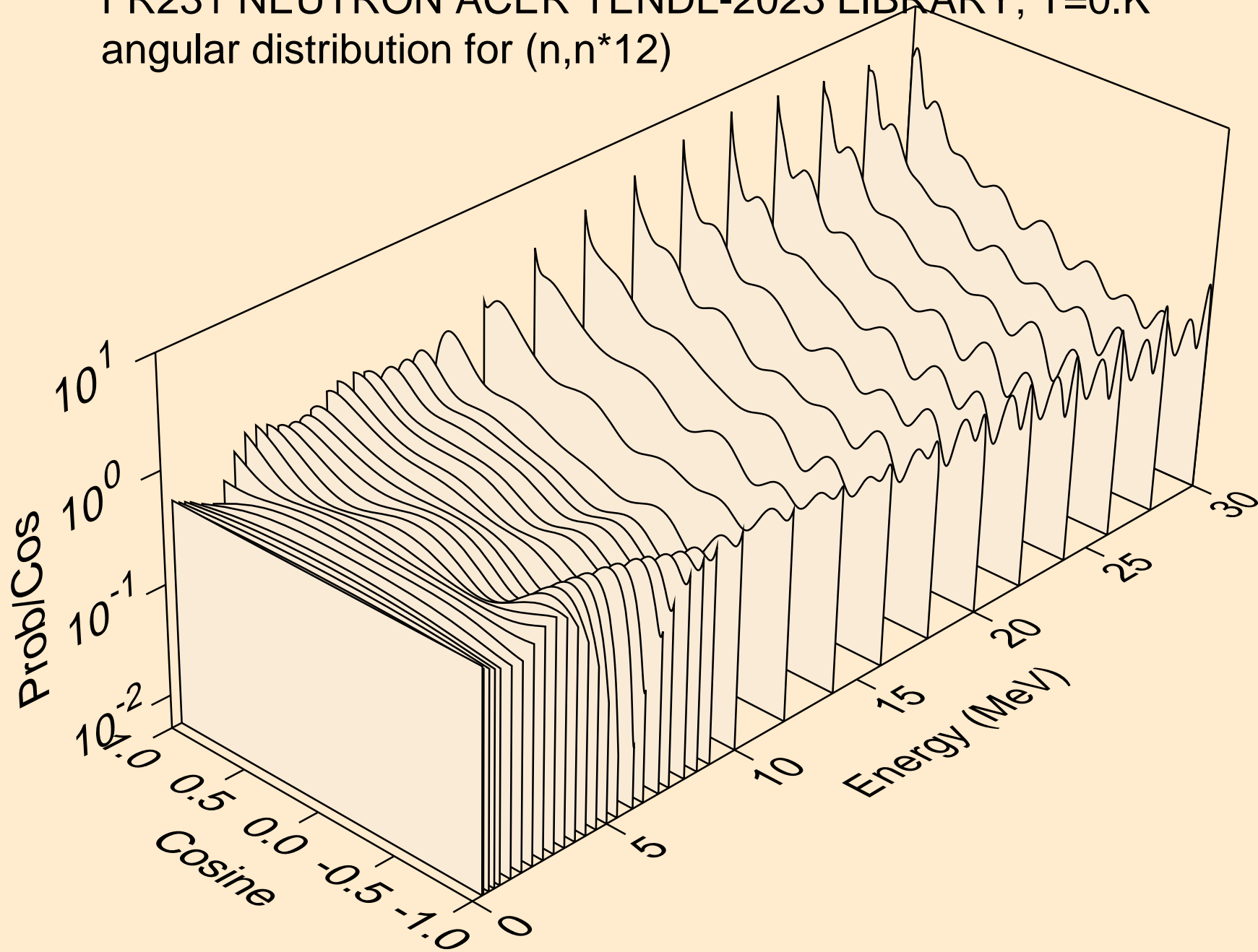
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angular distribution for (n,n*10)



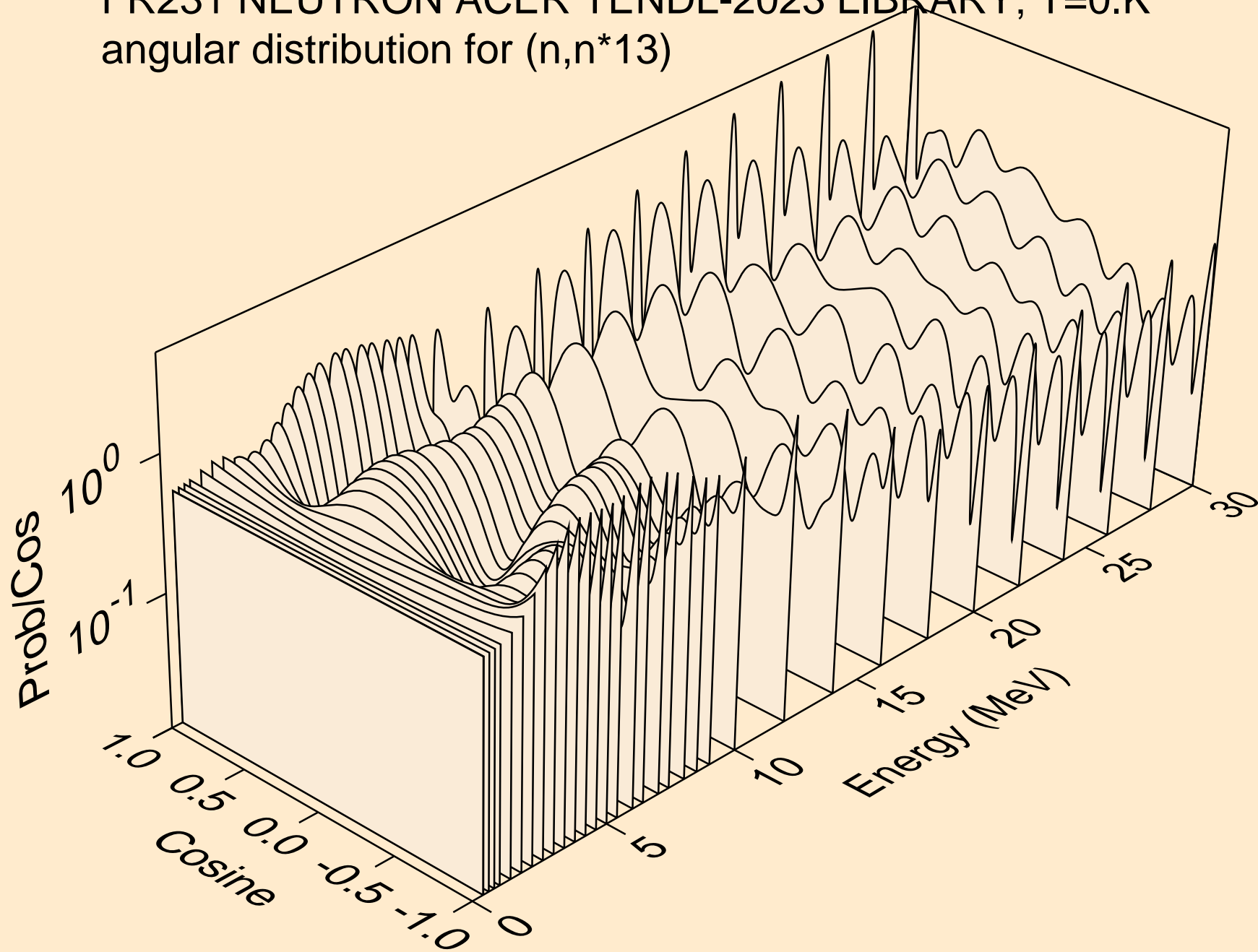
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angular distribution for (n,n*11)



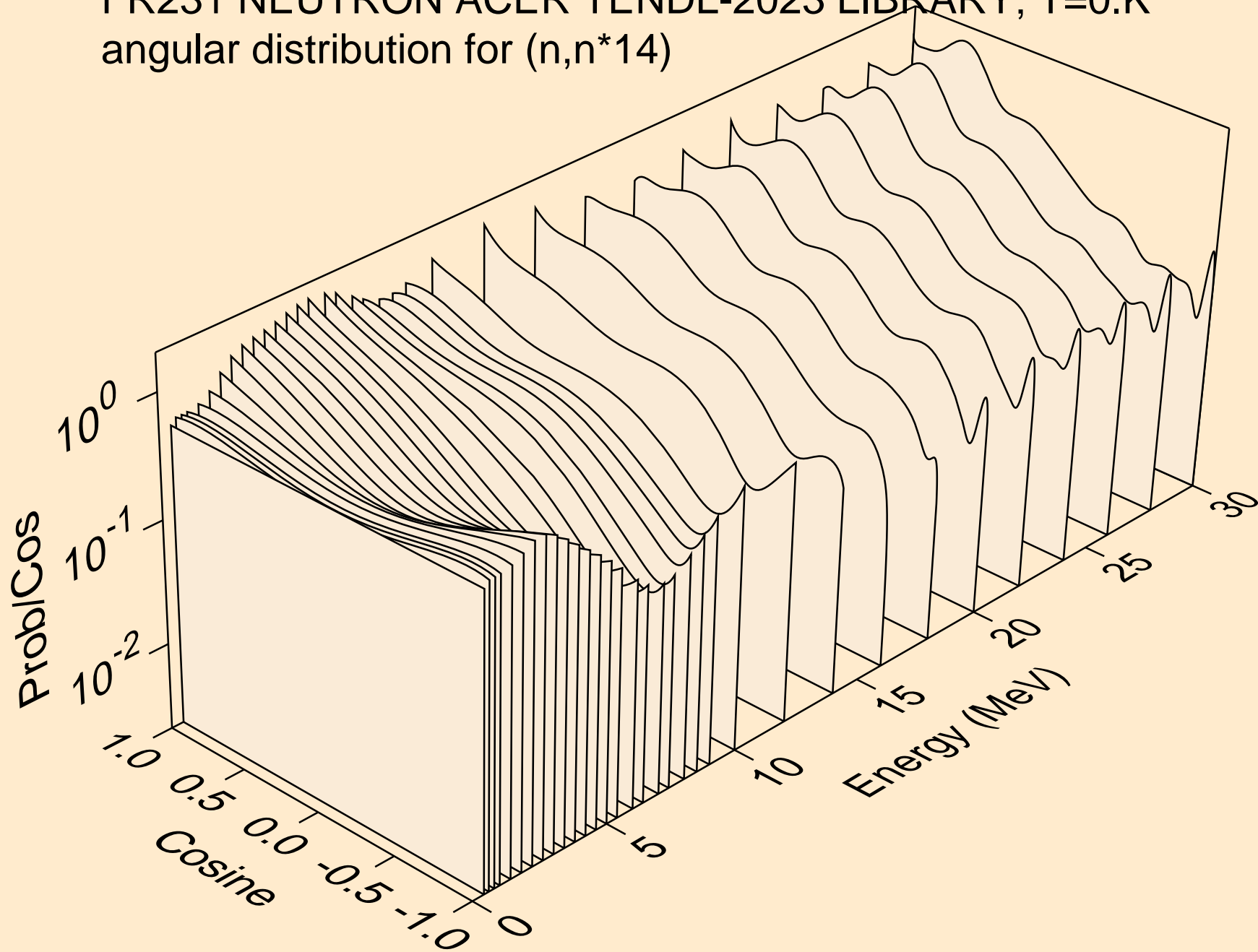
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angular distribution for (n,n*12)



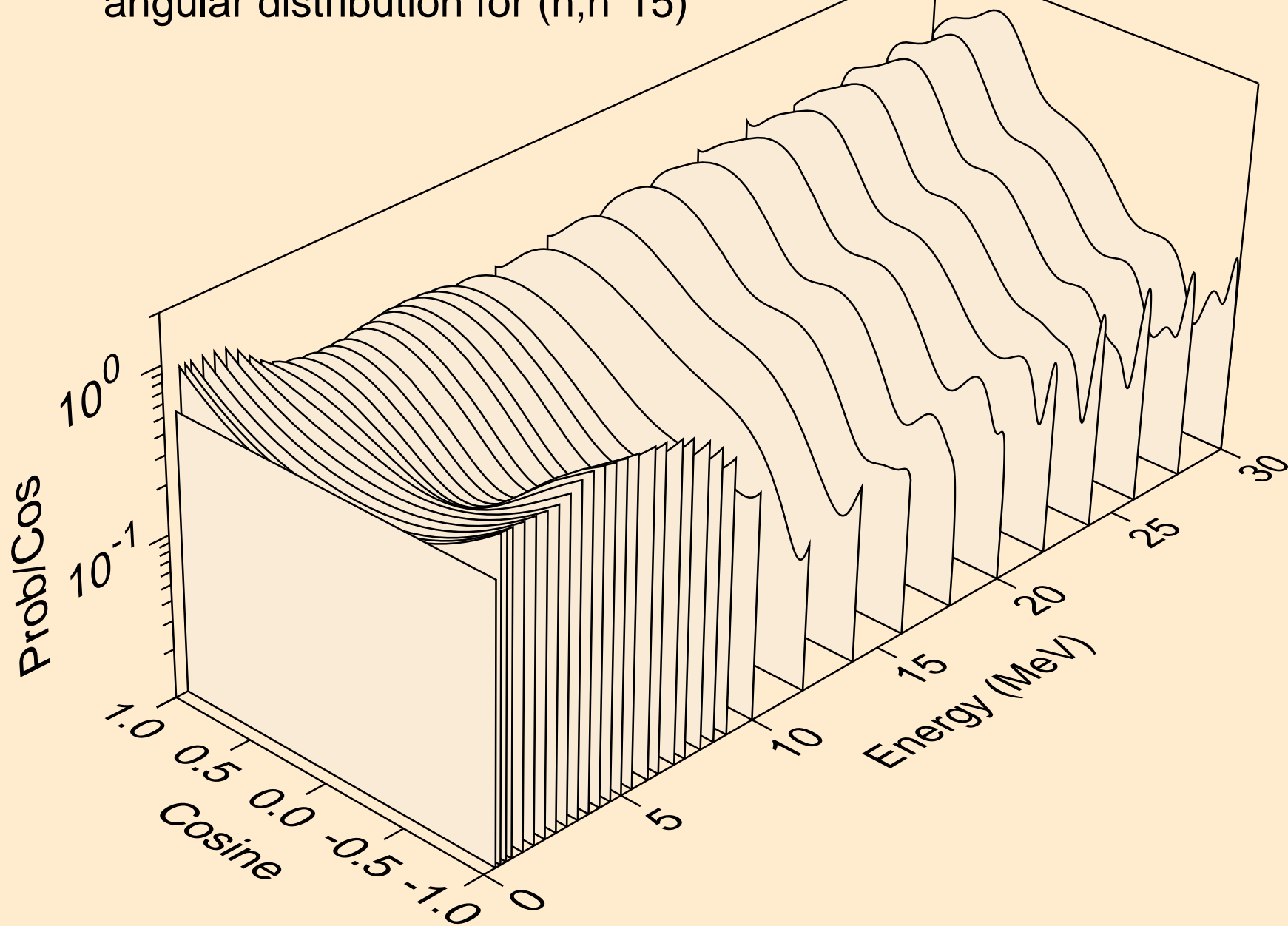
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angular distribution for (n,n*13)



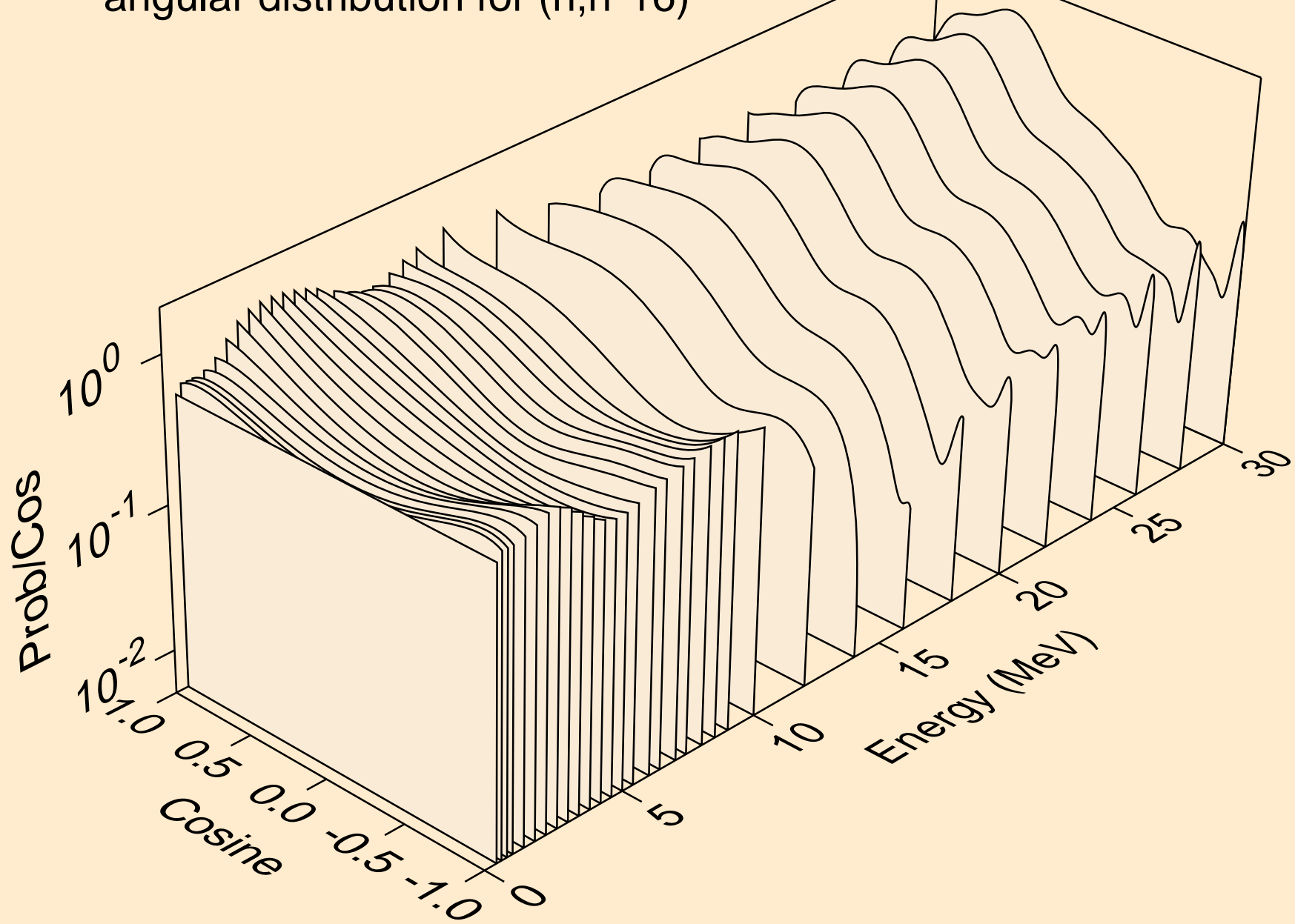
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angular distribution for (n,n*14)



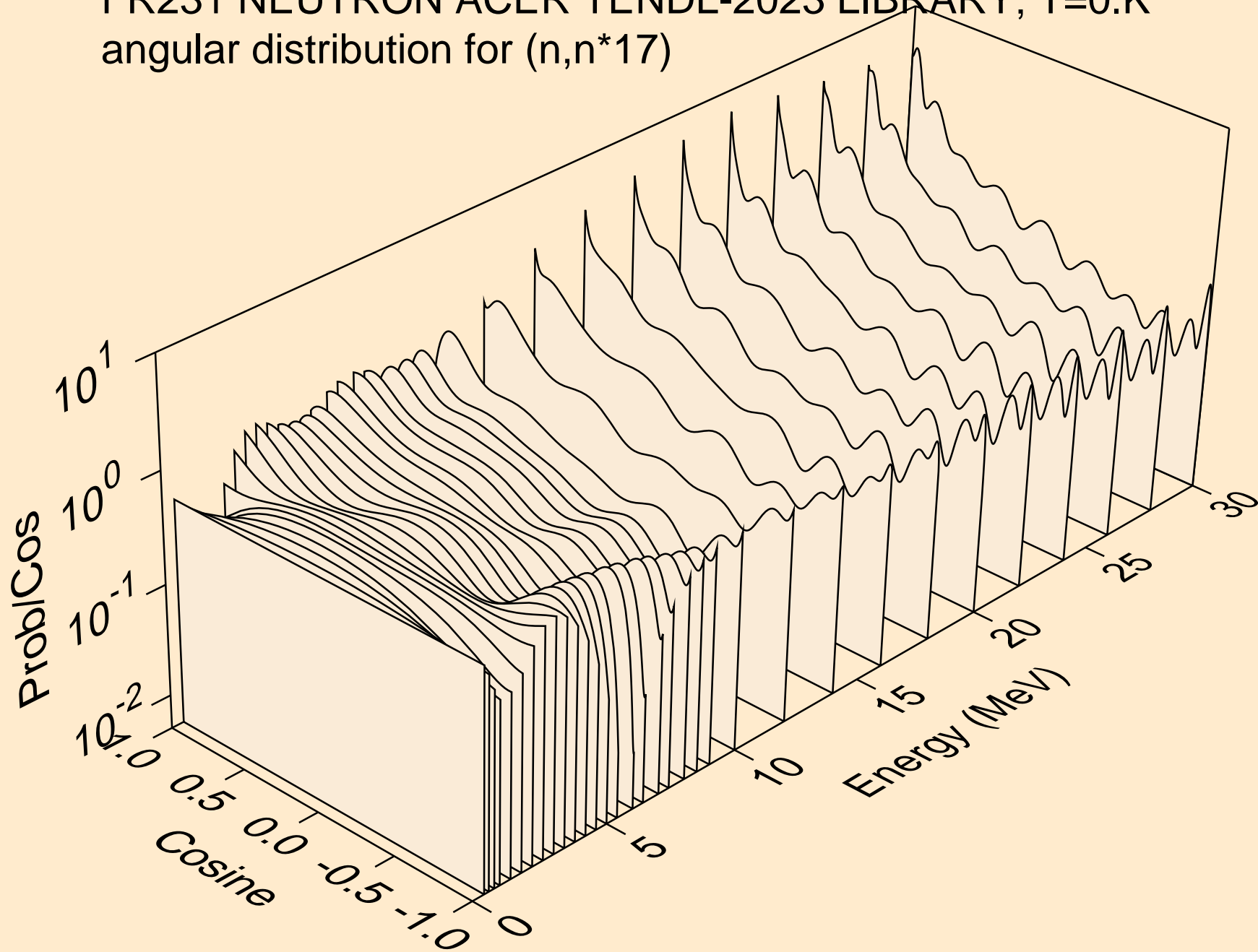
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angular distribution for (n,n*15)



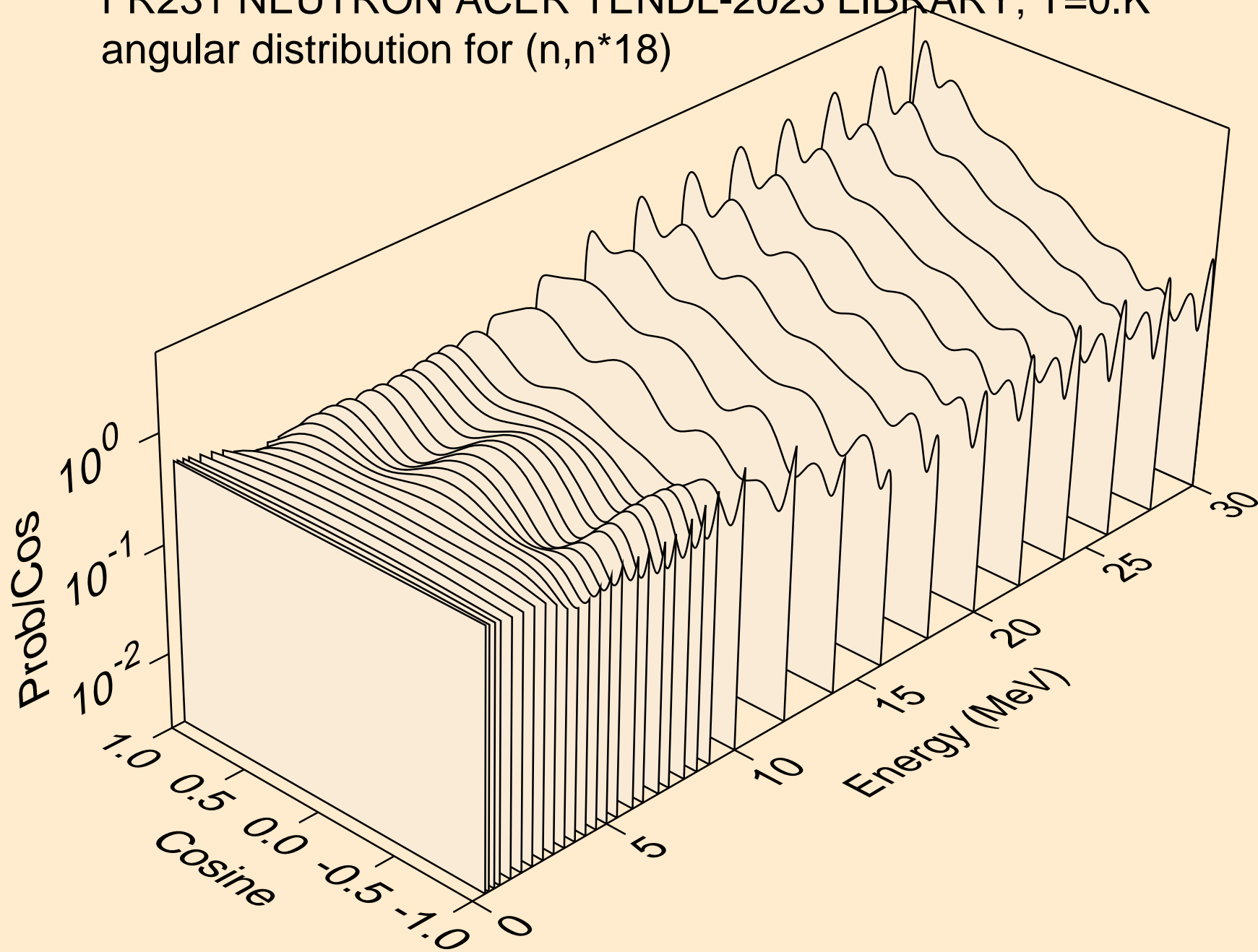
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angular distribution for (n,n*16)



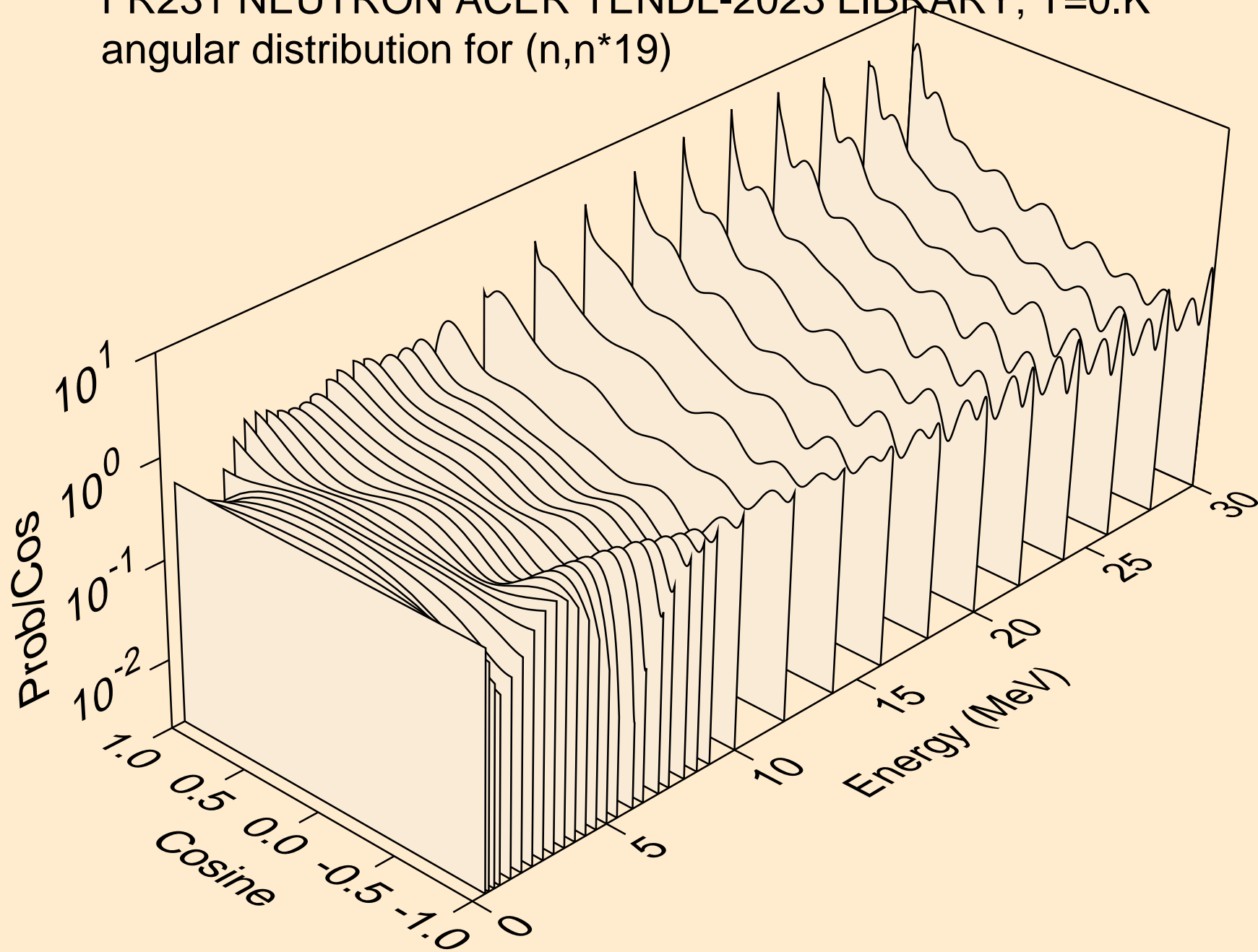
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angular distribution for (n,n*17)



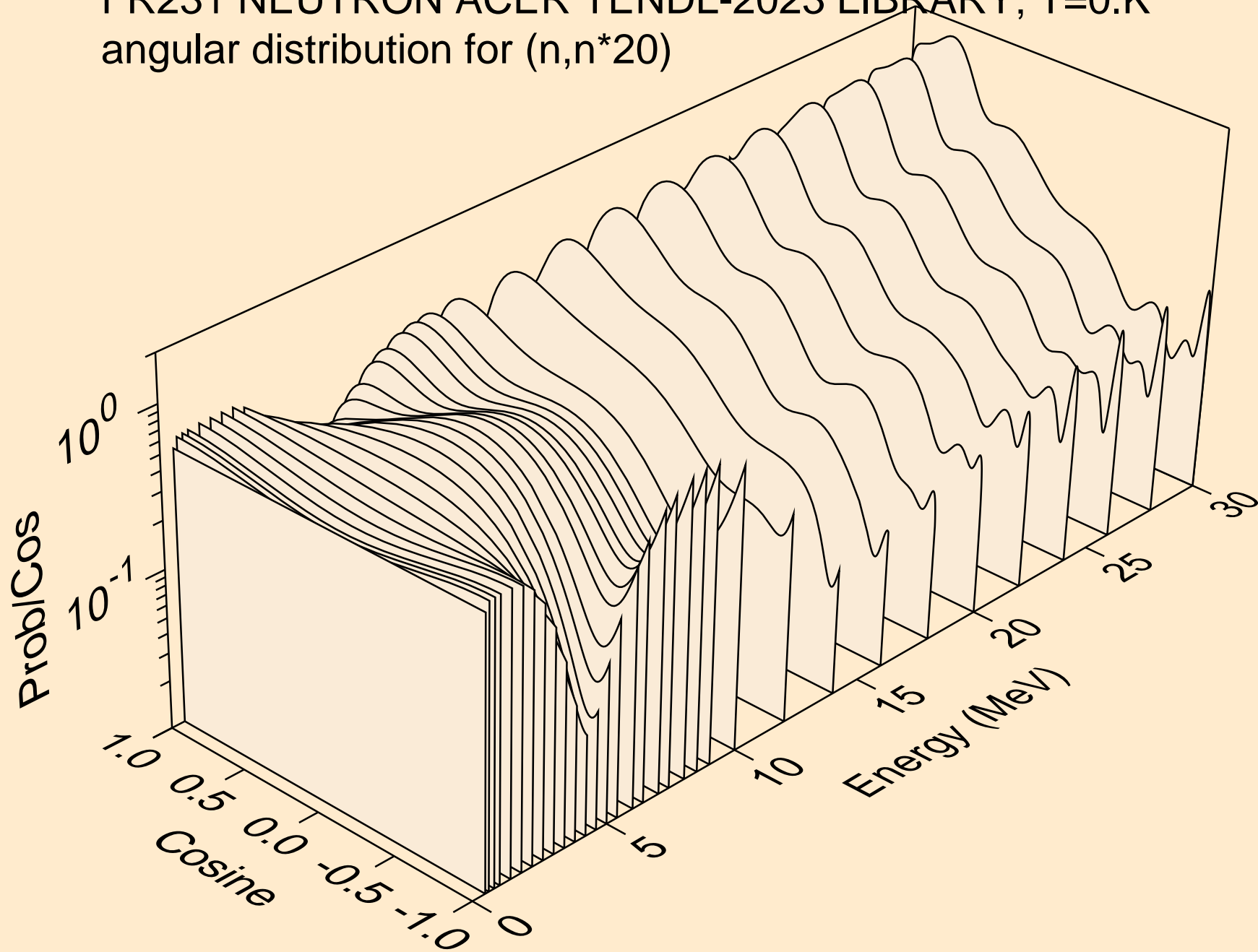
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angular distribution for (n,n*18)



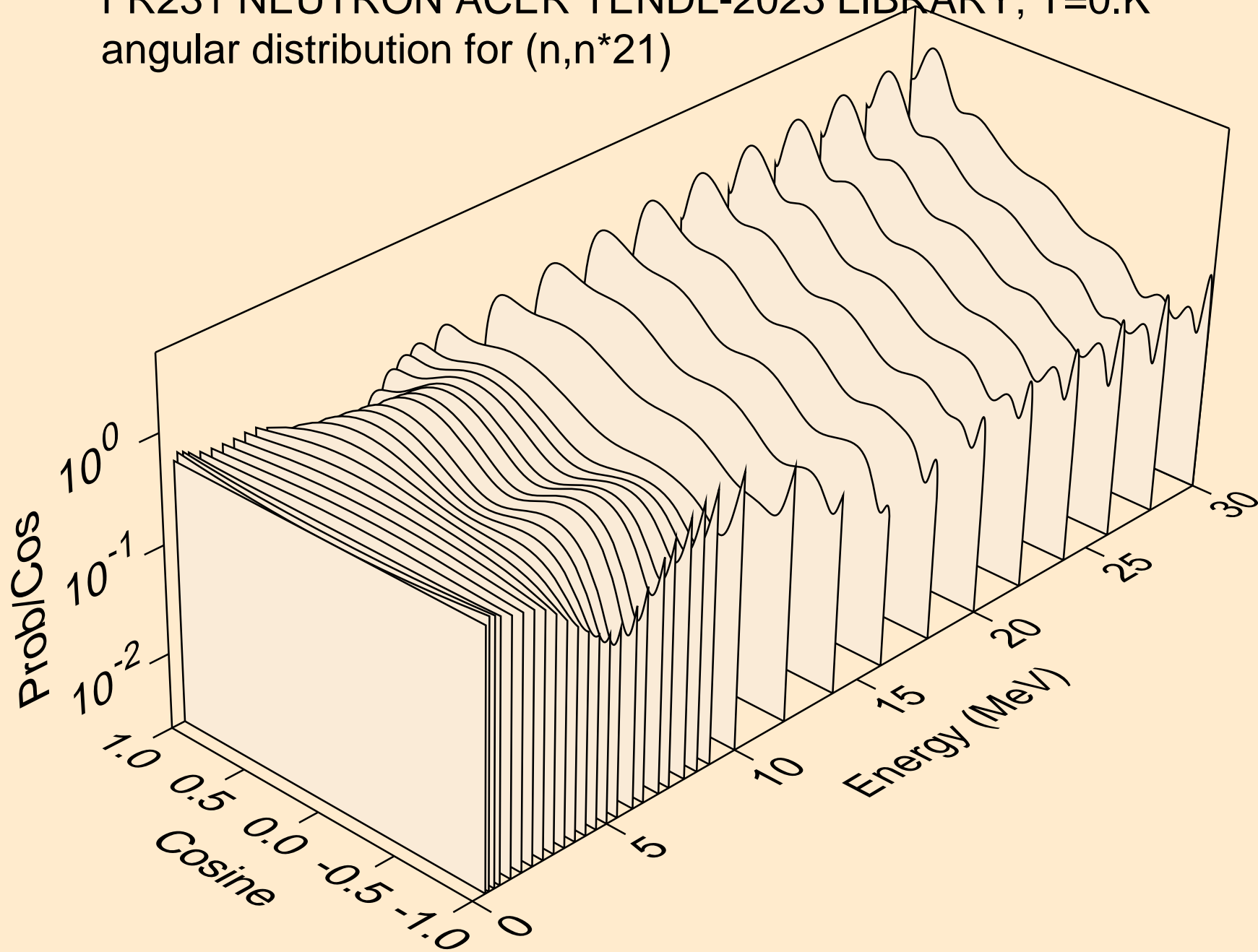
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angular distribution for (n,n*19)



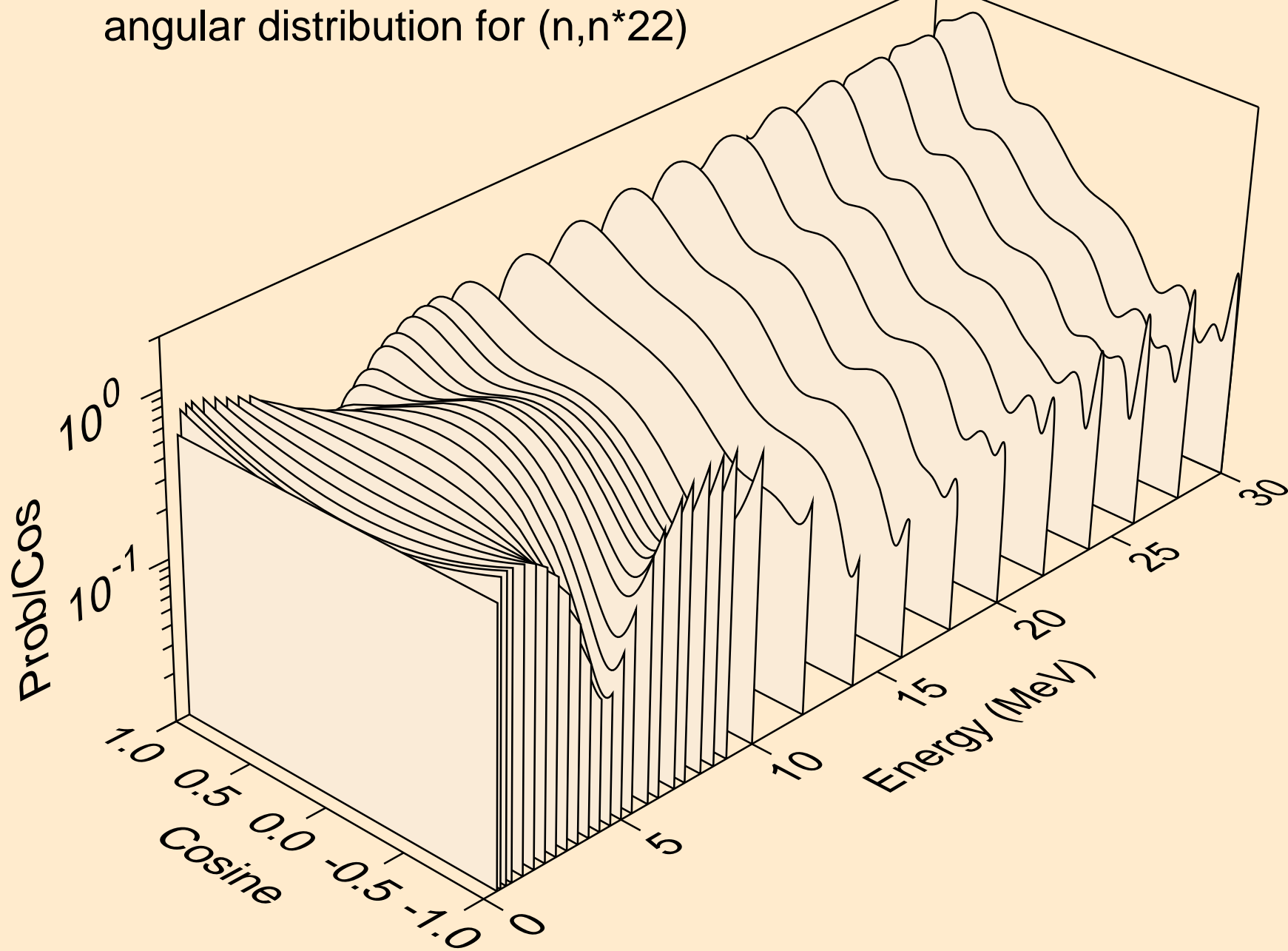
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angular distribution for (n,n*20)



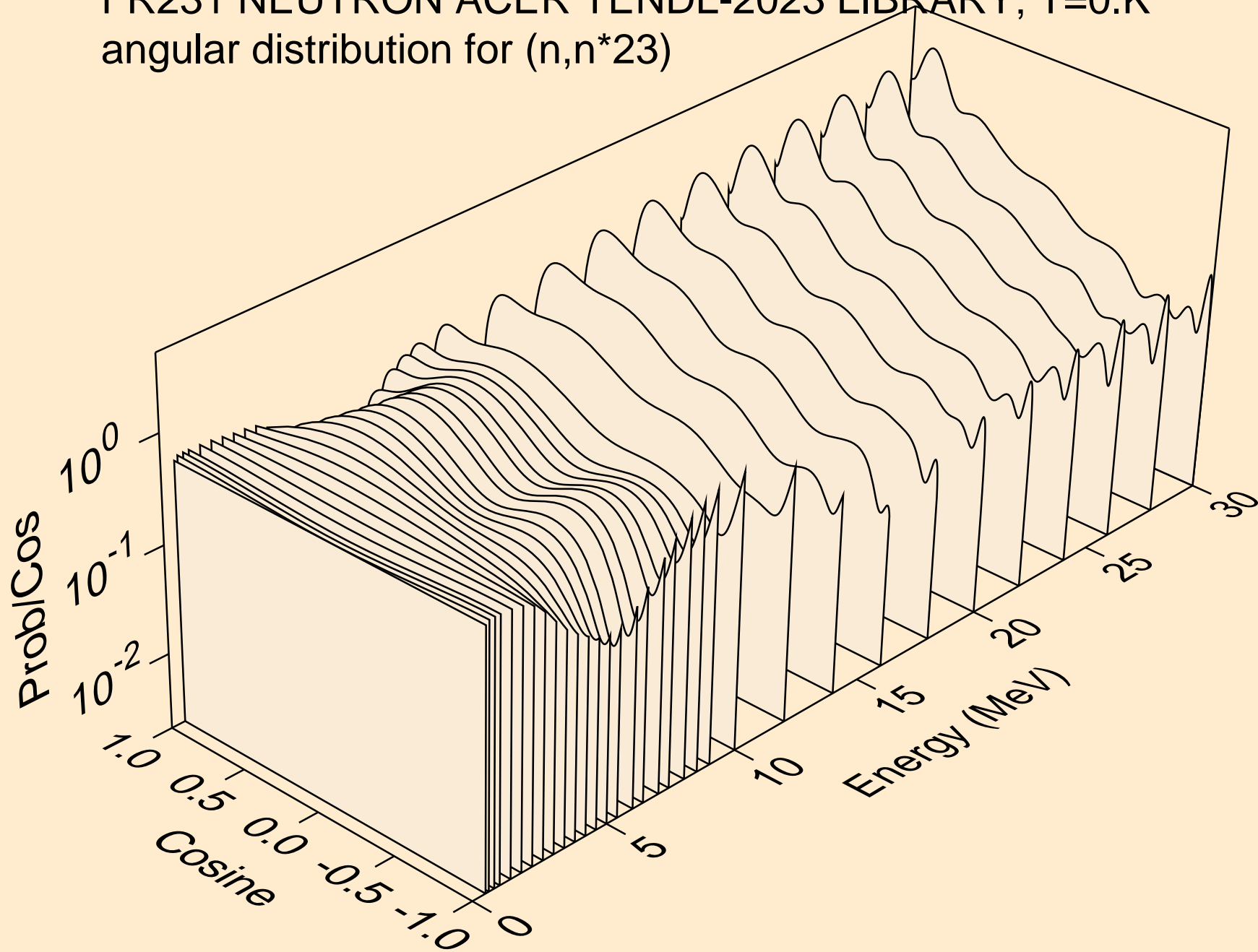
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angular distribution for (n,n*21)



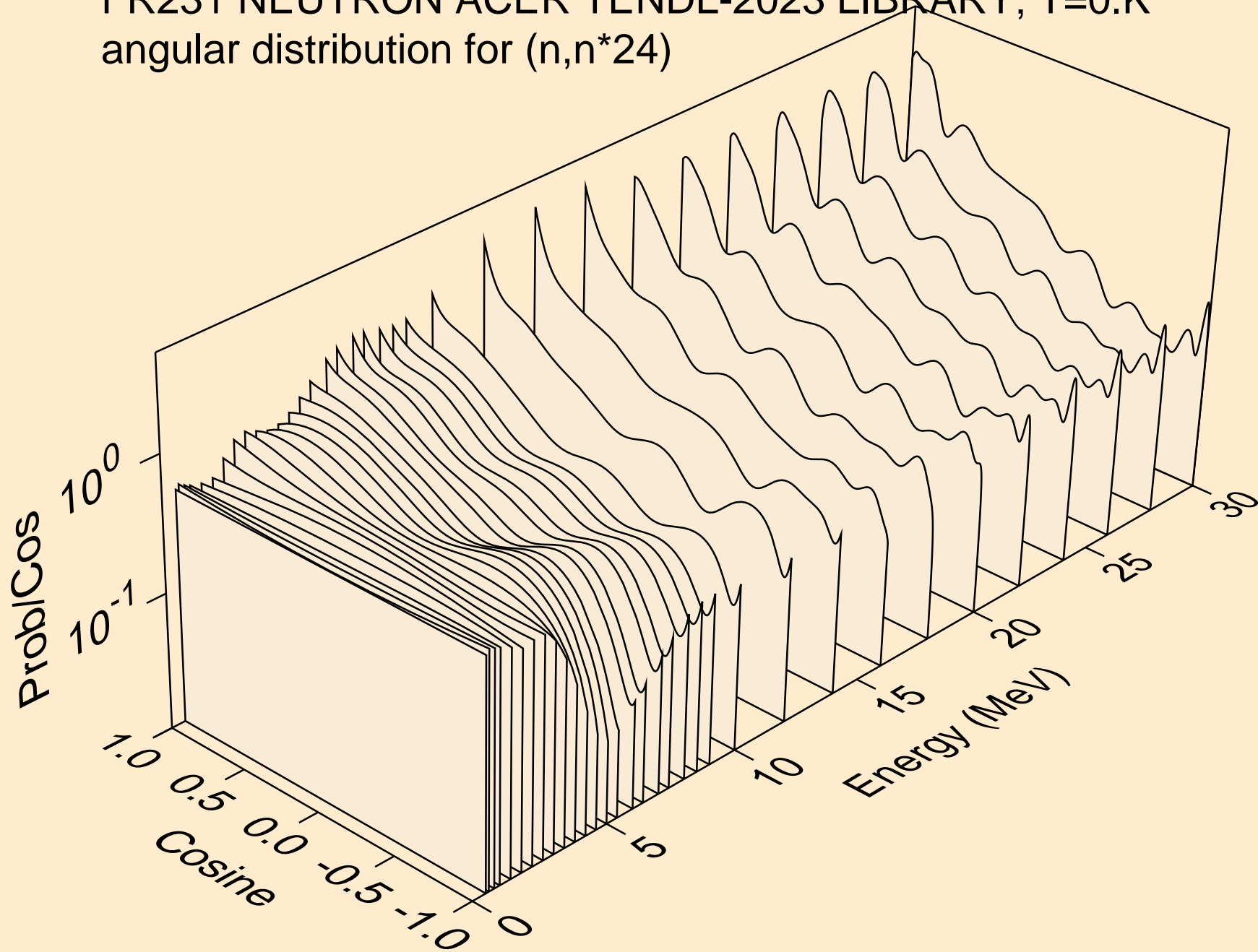
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angular distribution for (n,n*22)



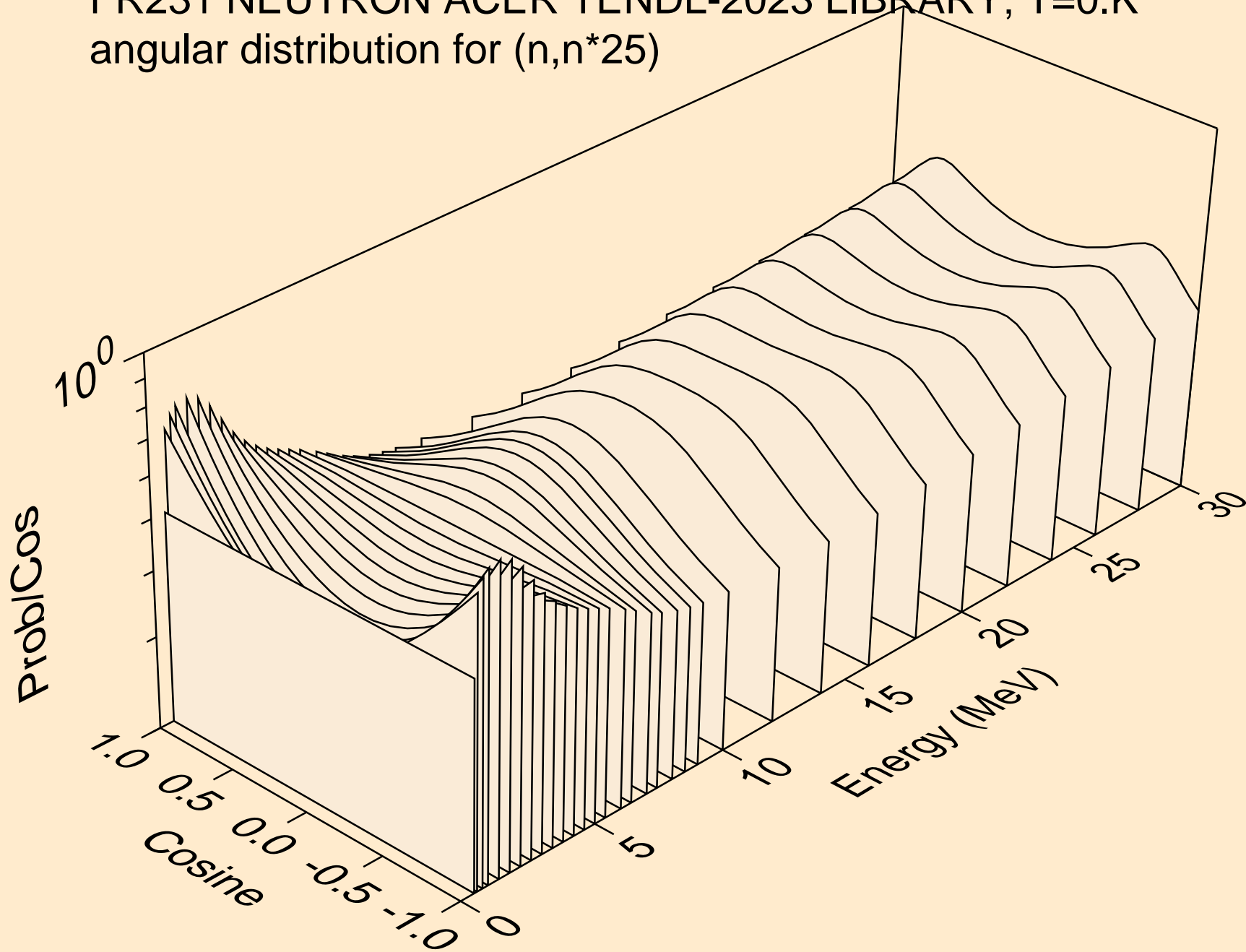
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angular distribution for (n,n*23)



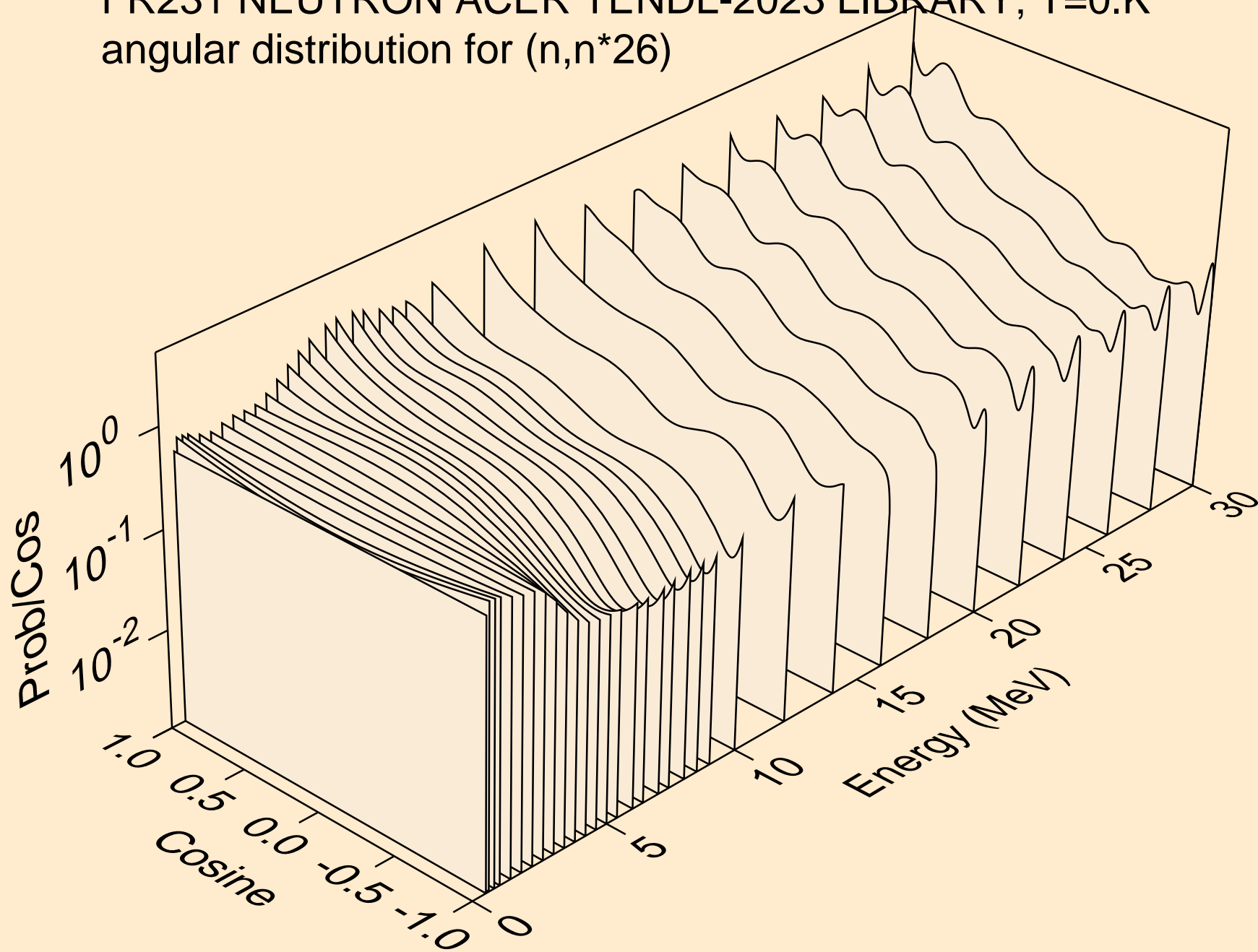
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angular distribution for (n,n*24)



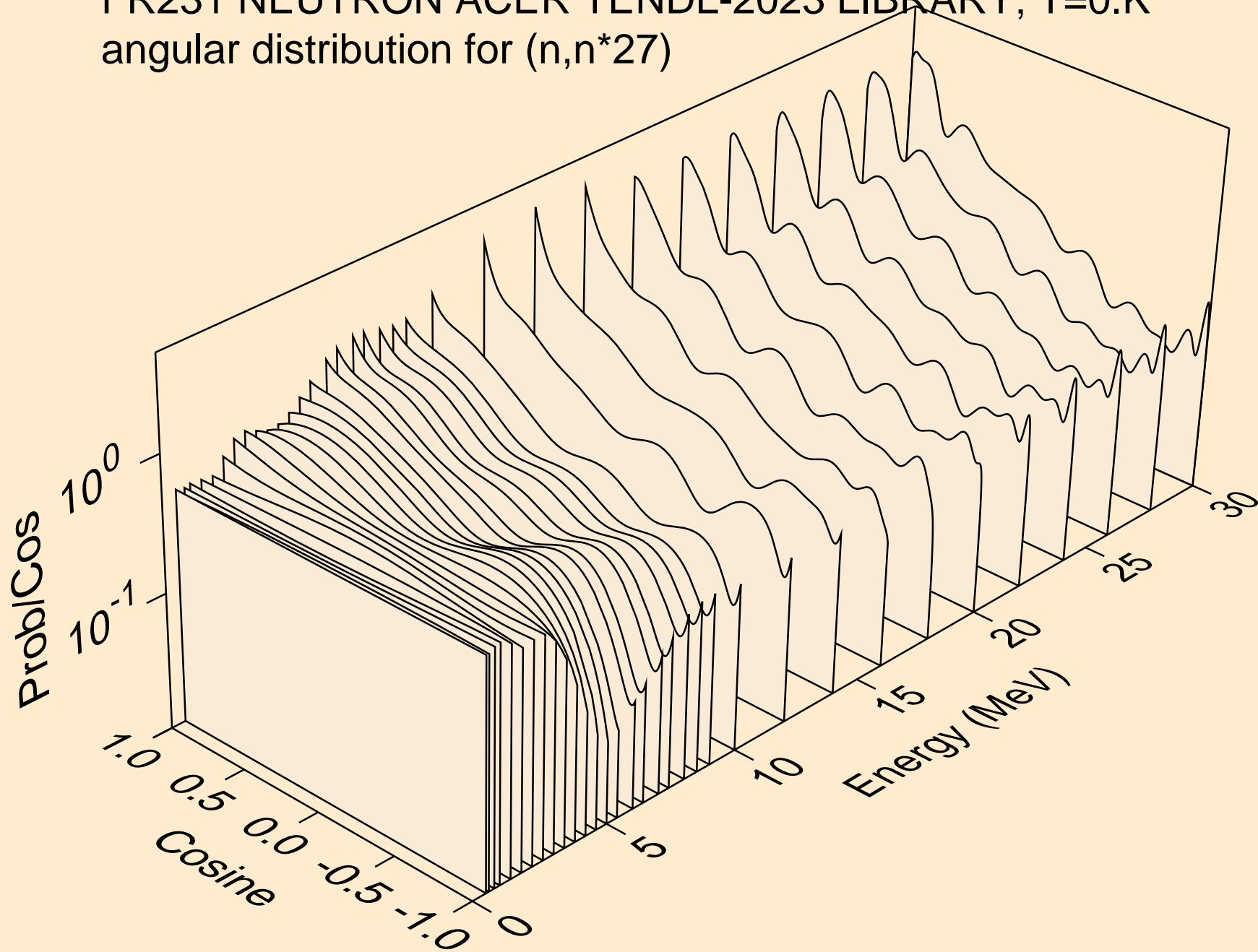
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angular distribution for (n,n*25)



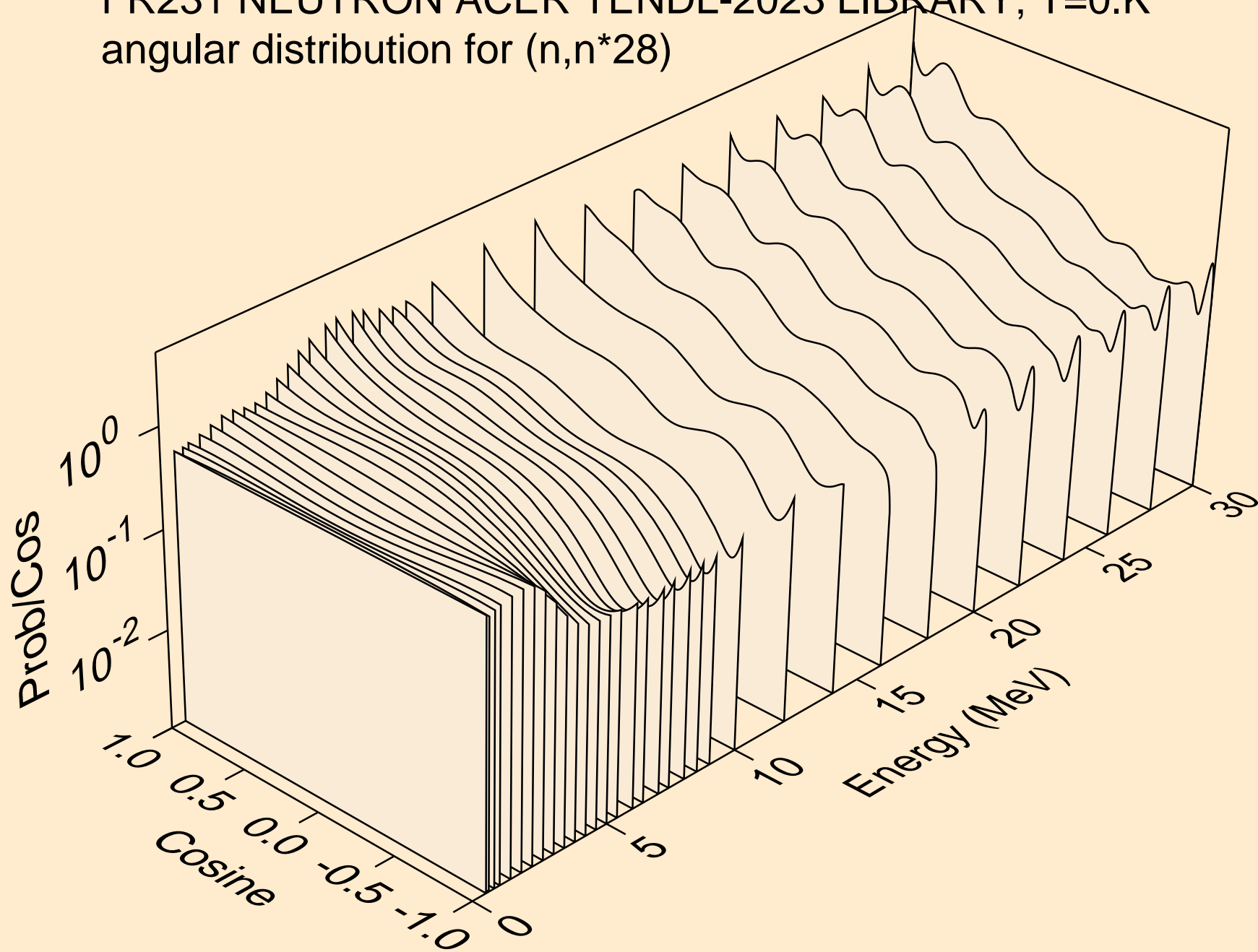
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angular distribution for (n,n*26)



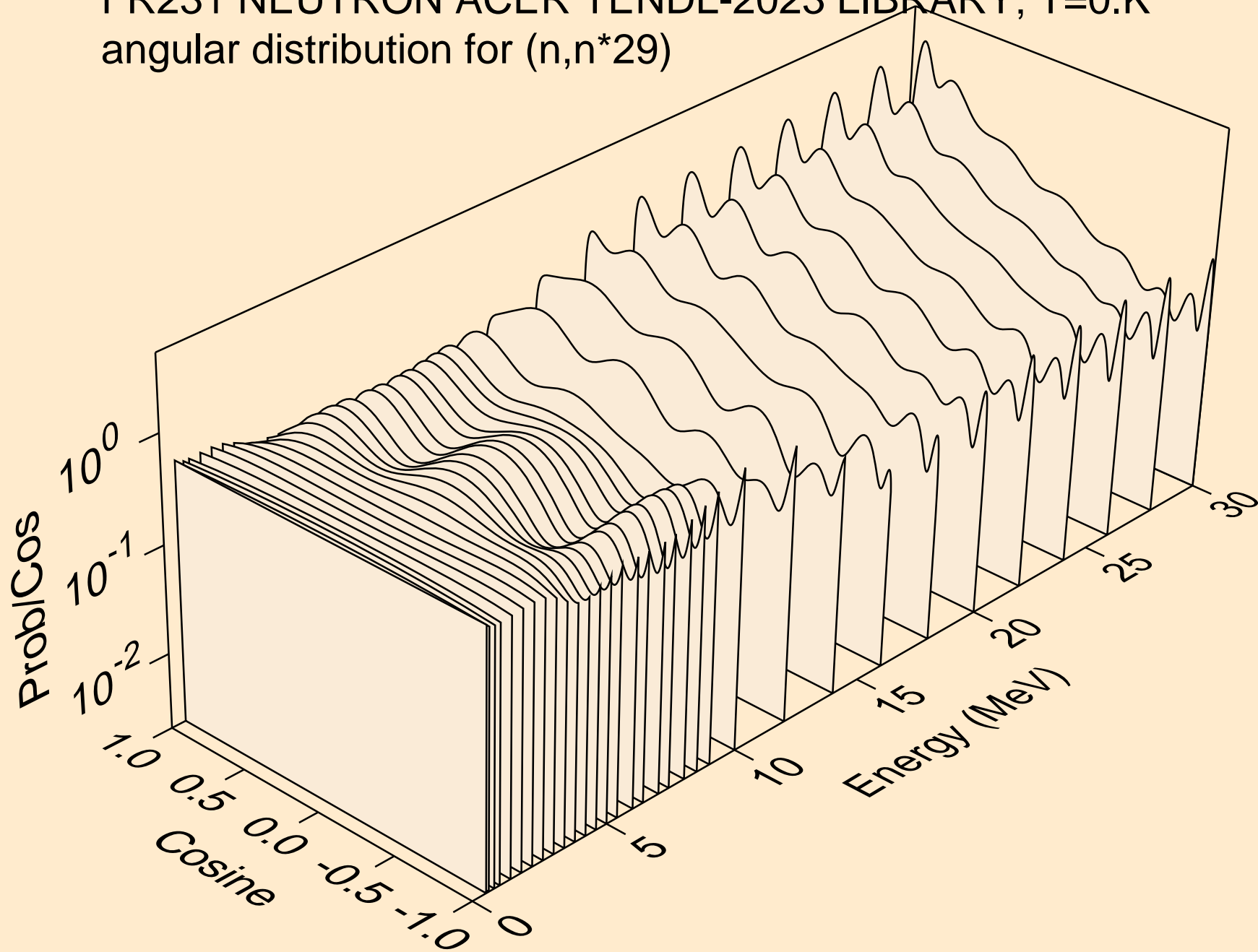
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angular distribution for (n,n*27)



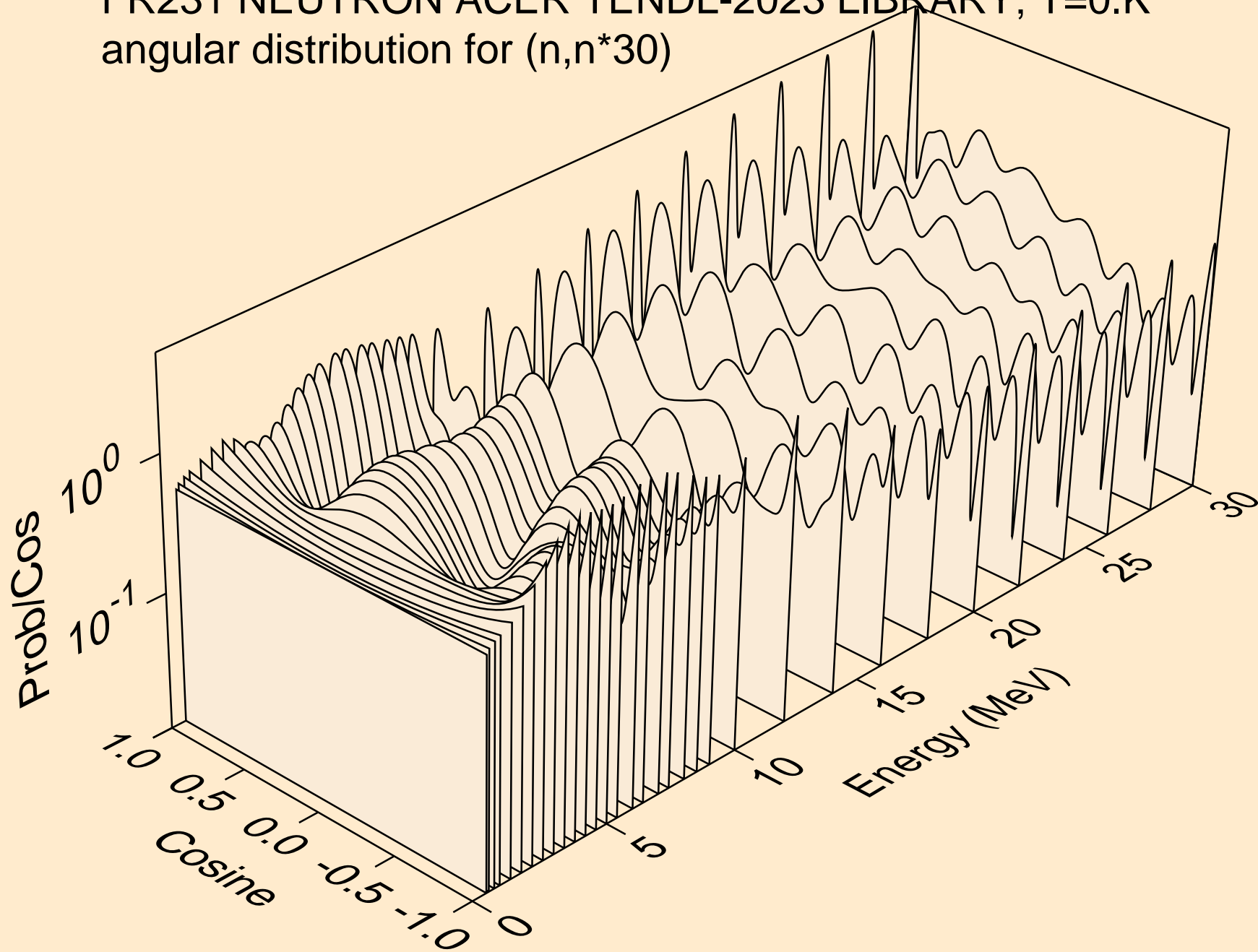
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angular distribution for (n,n*28)



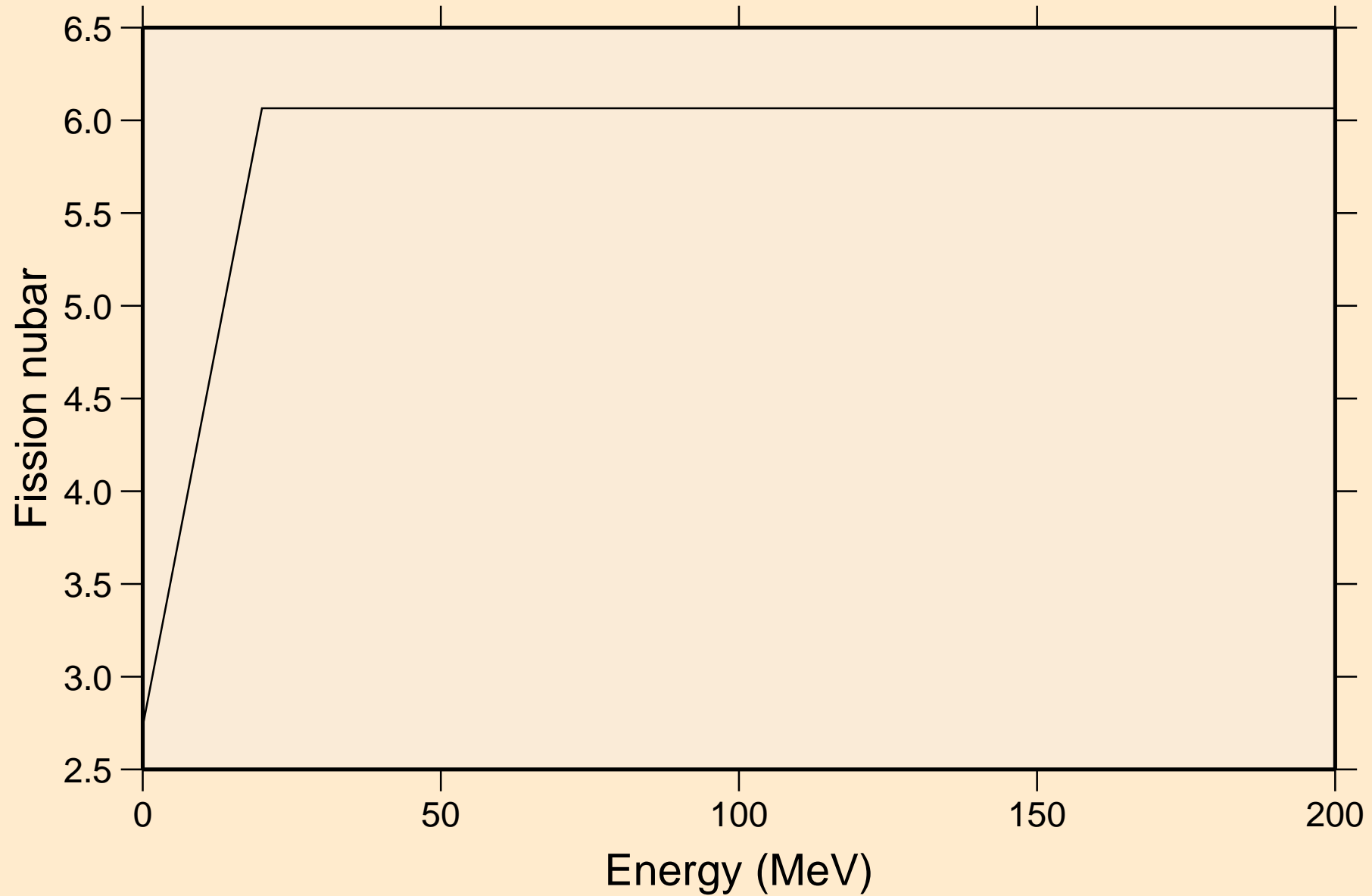
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angular distribution for (n,n*29)



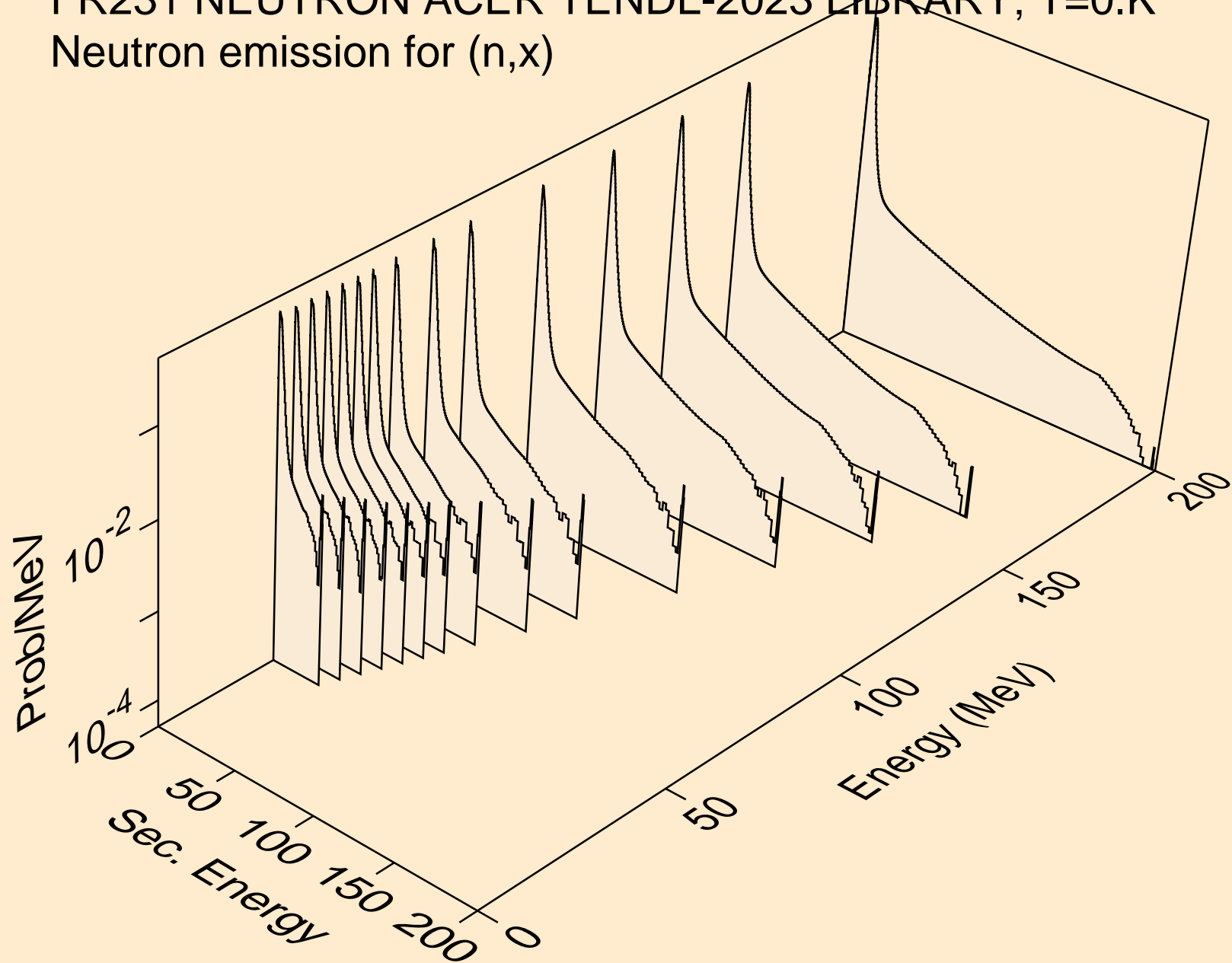
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angular distribution for (n,n*30)



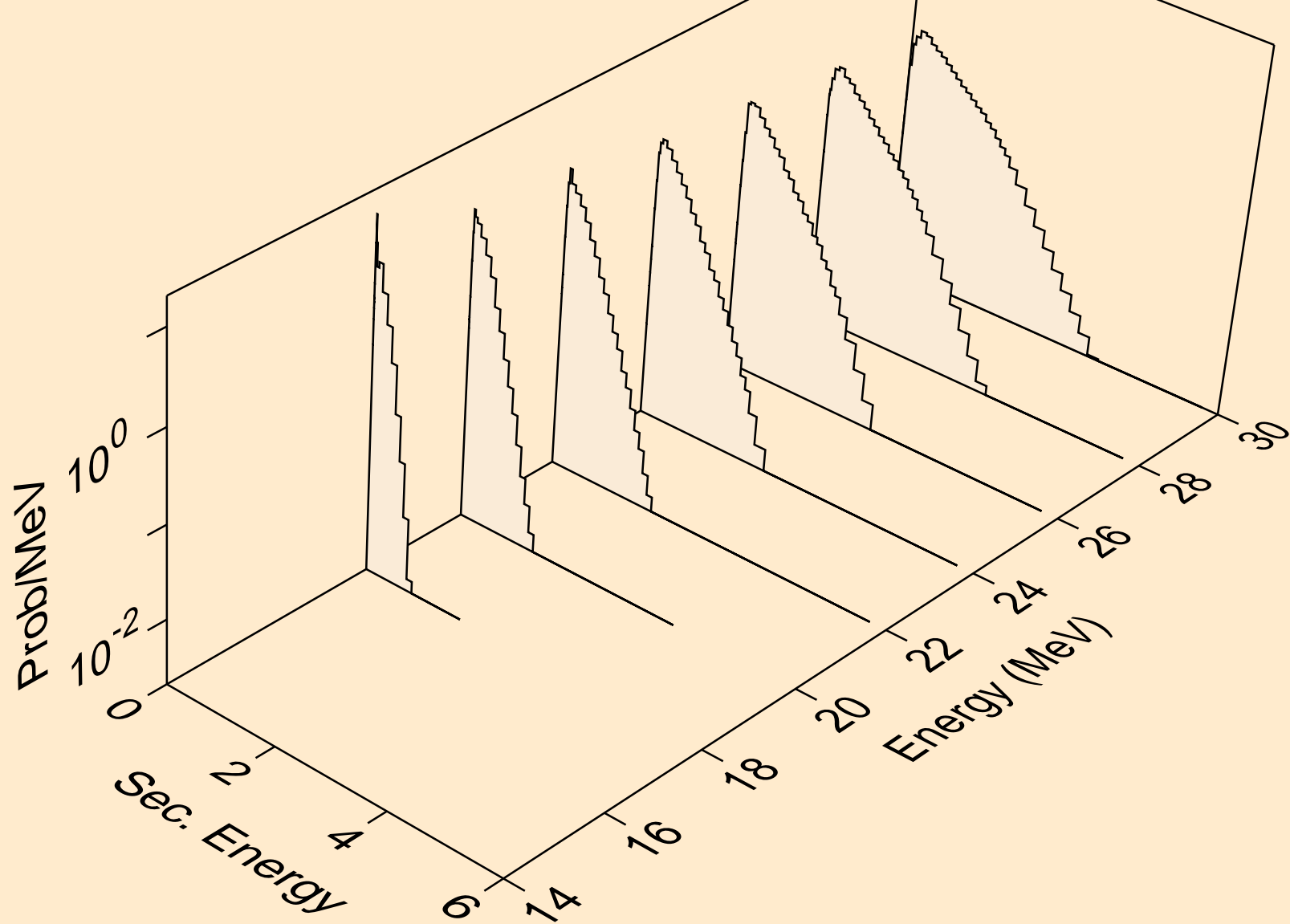
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Total fission nubar



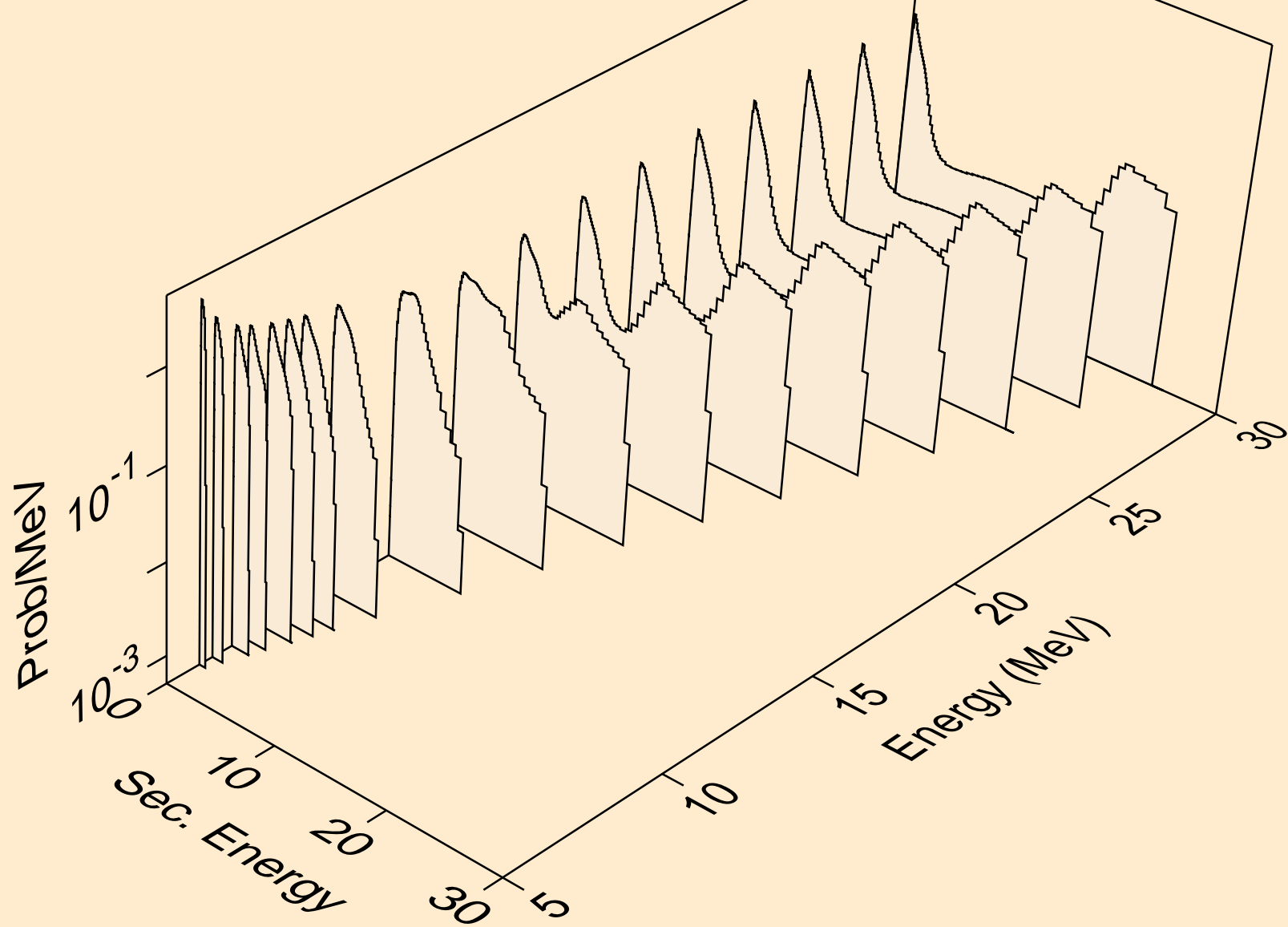
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



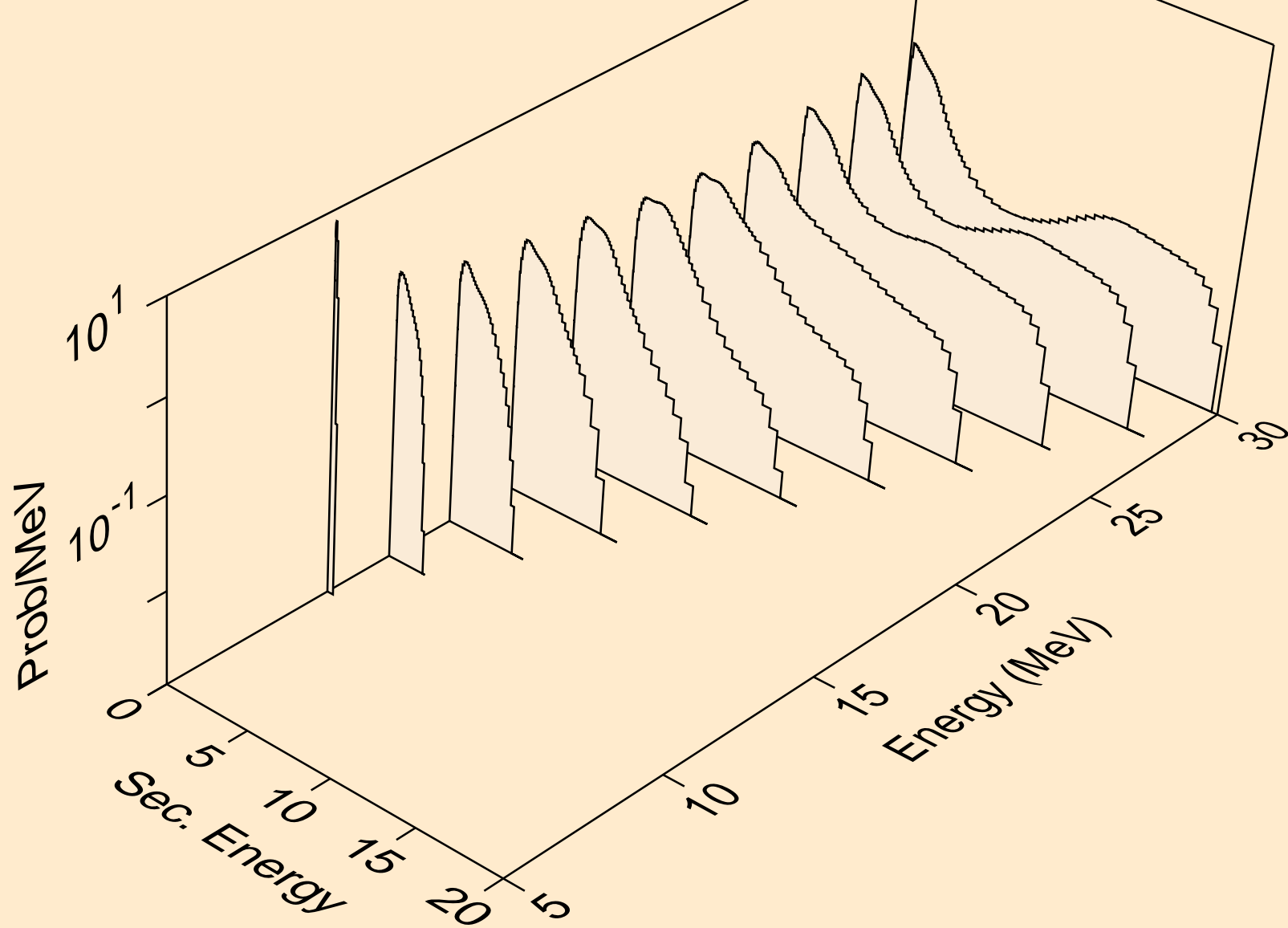
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



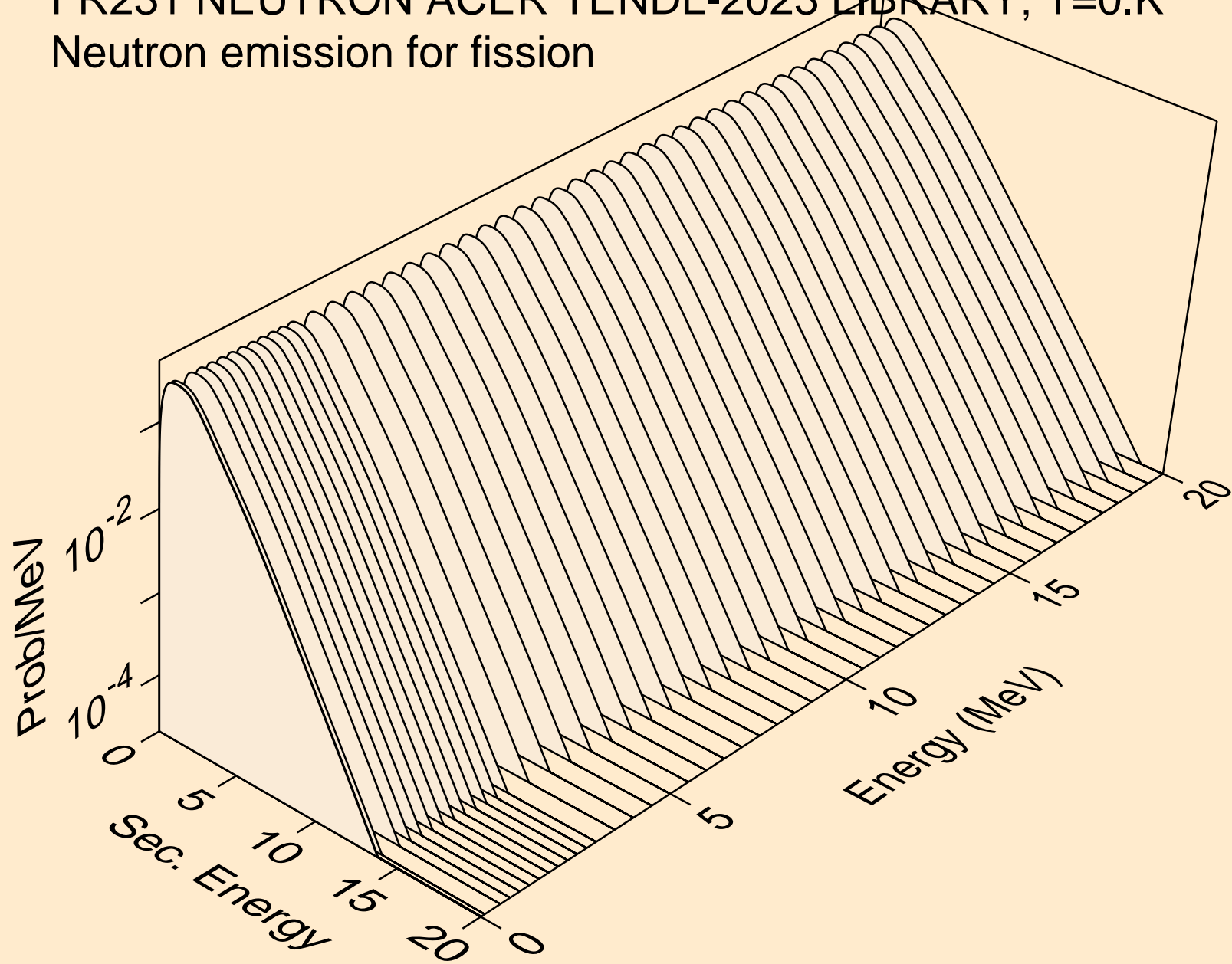
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



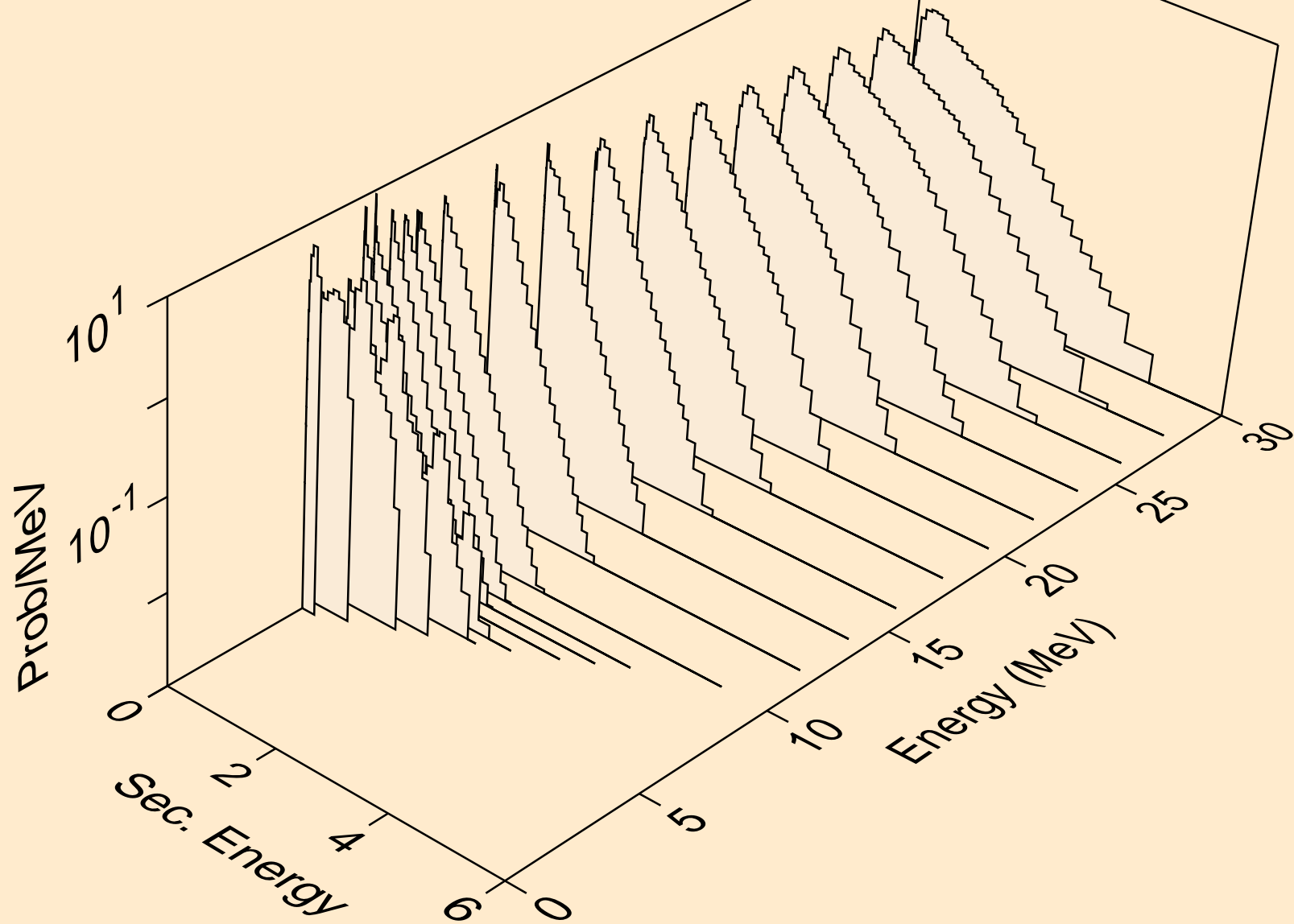
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



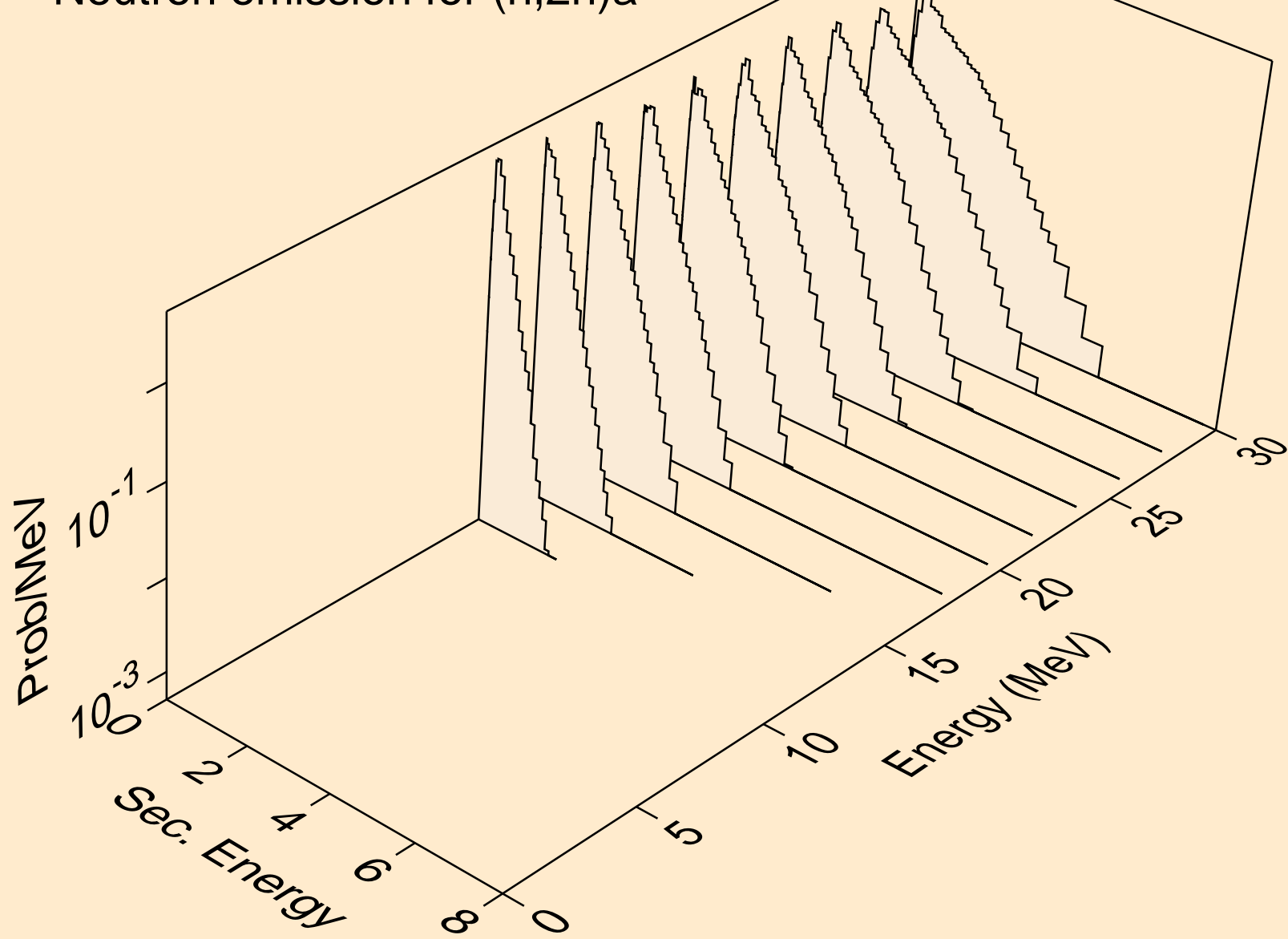
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



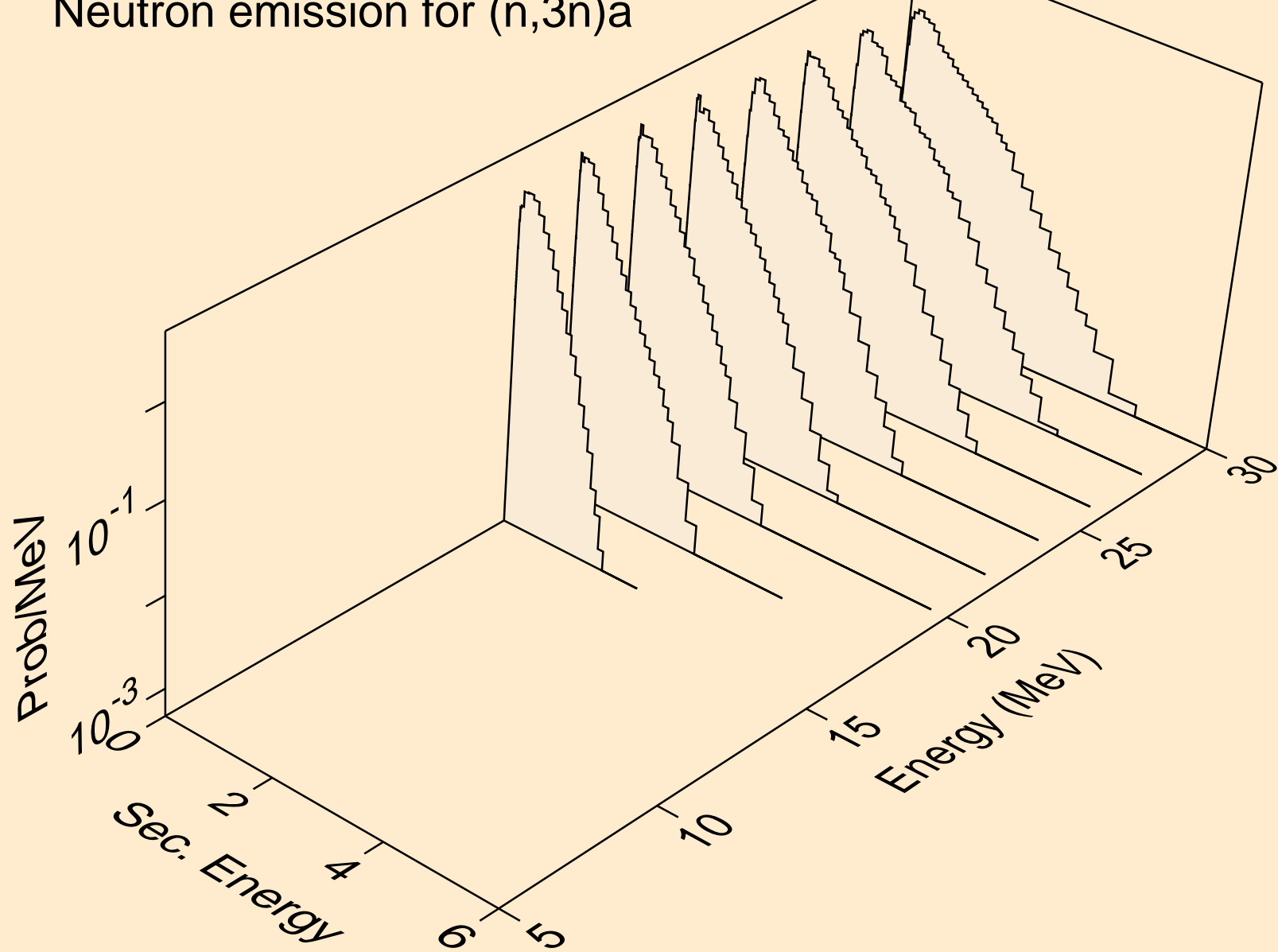
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



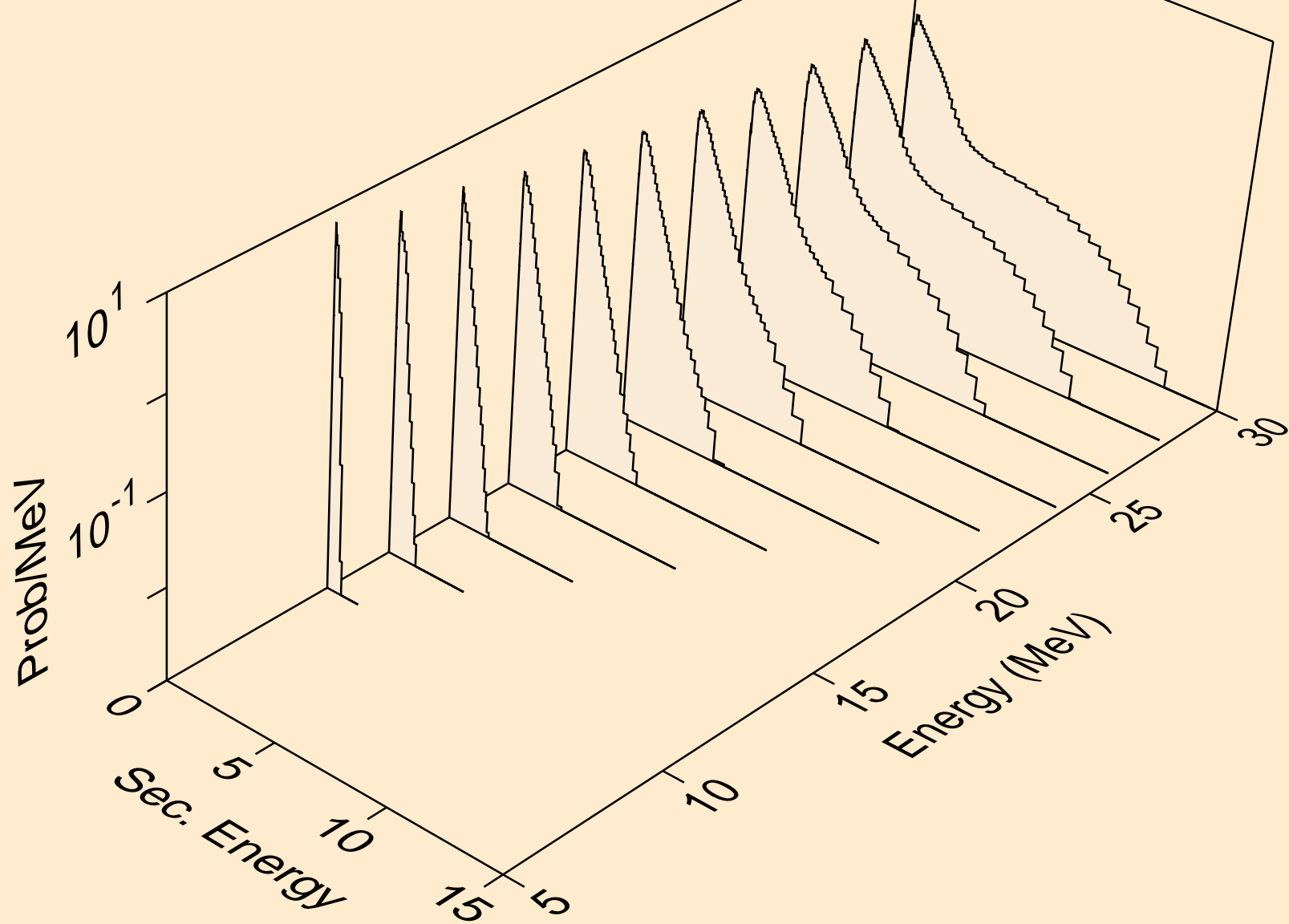
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



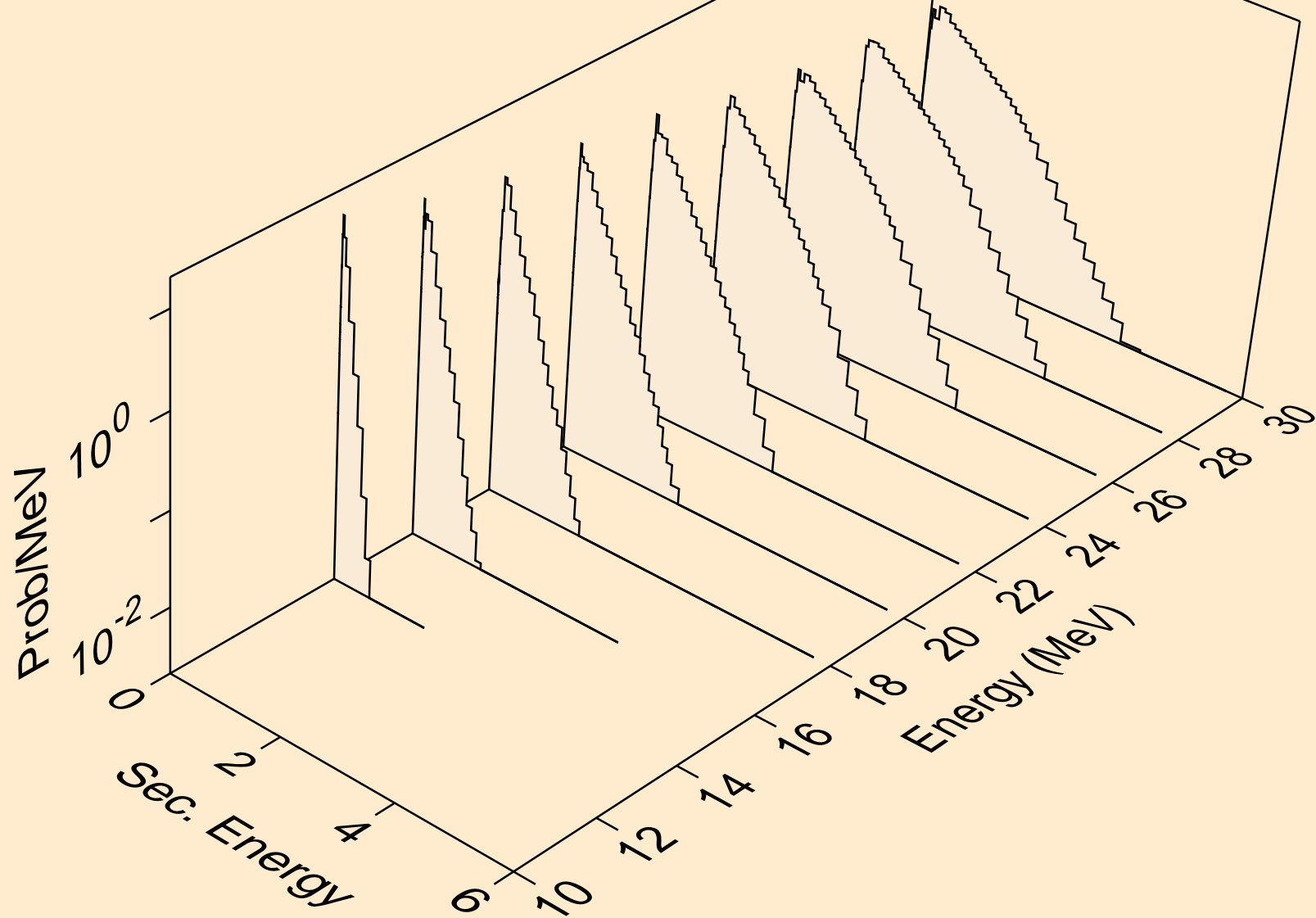
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



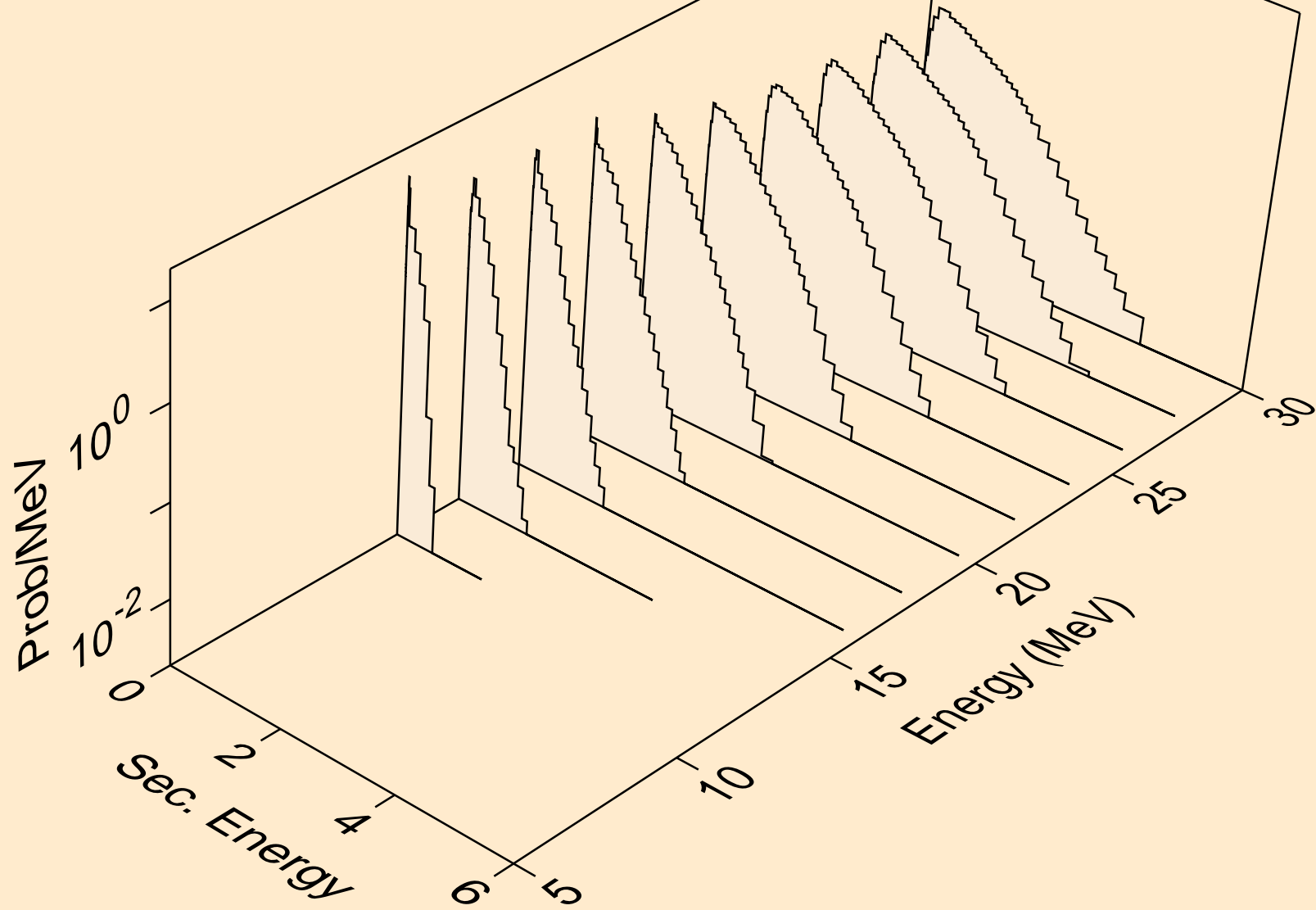
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



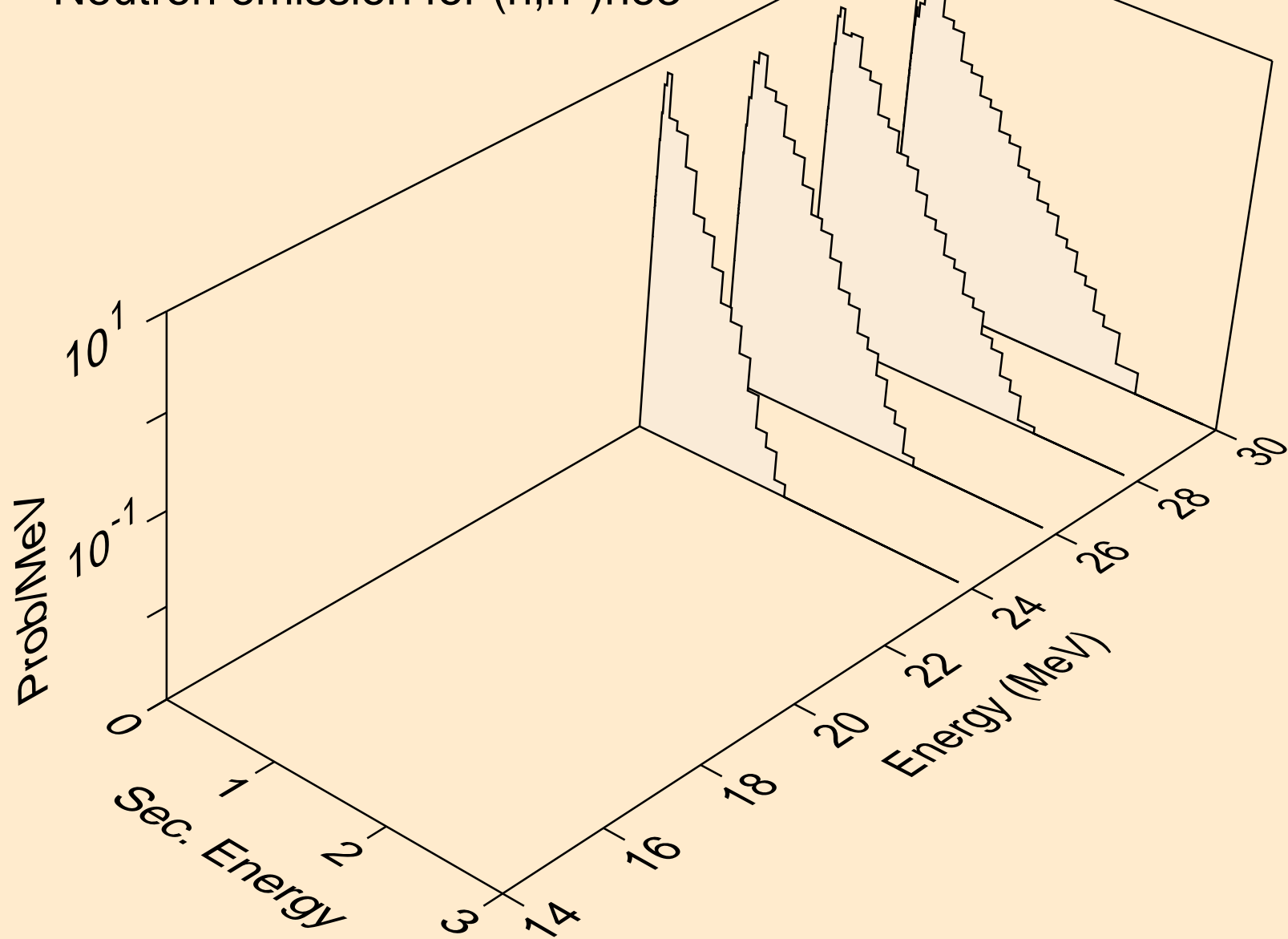
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



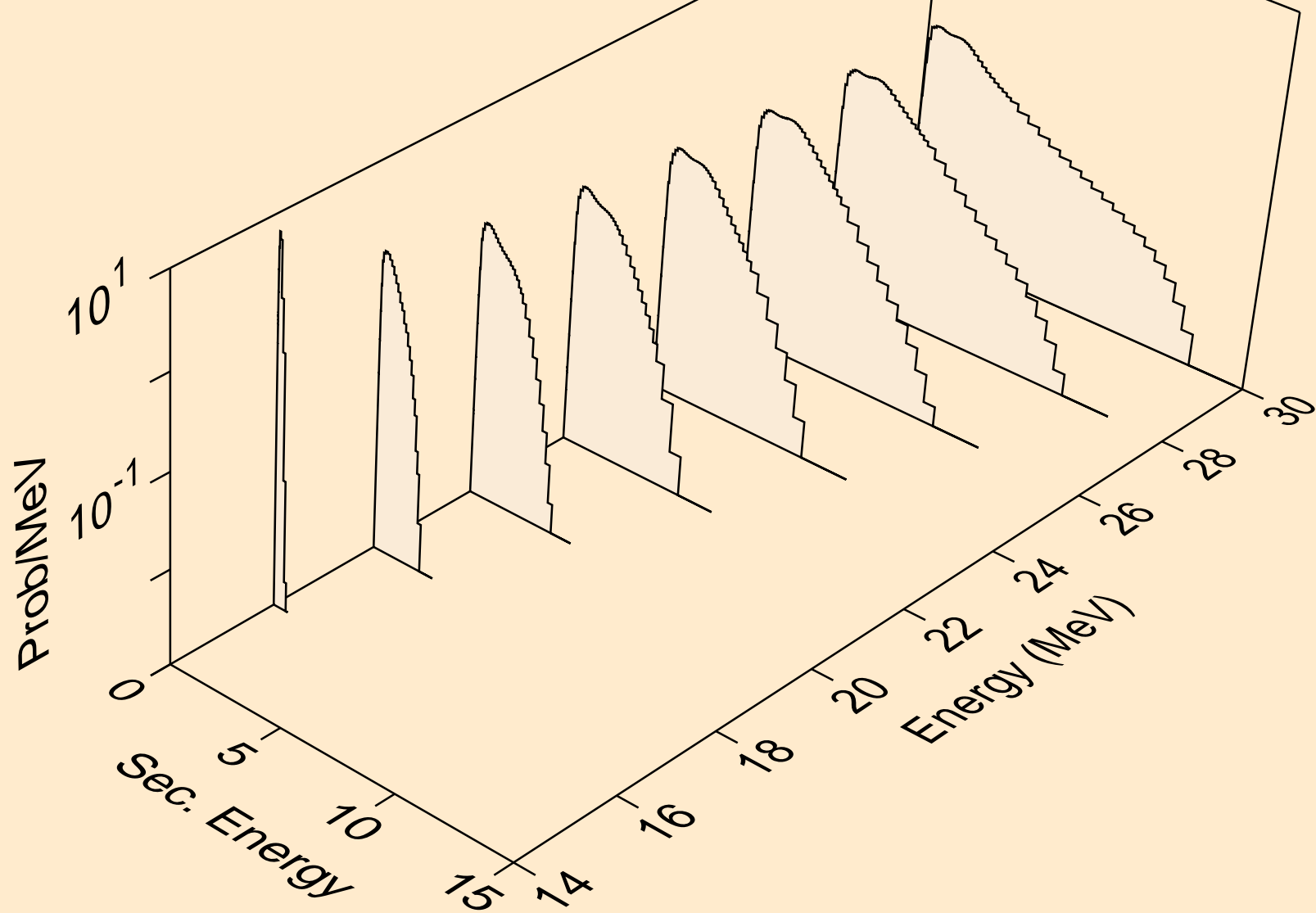
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



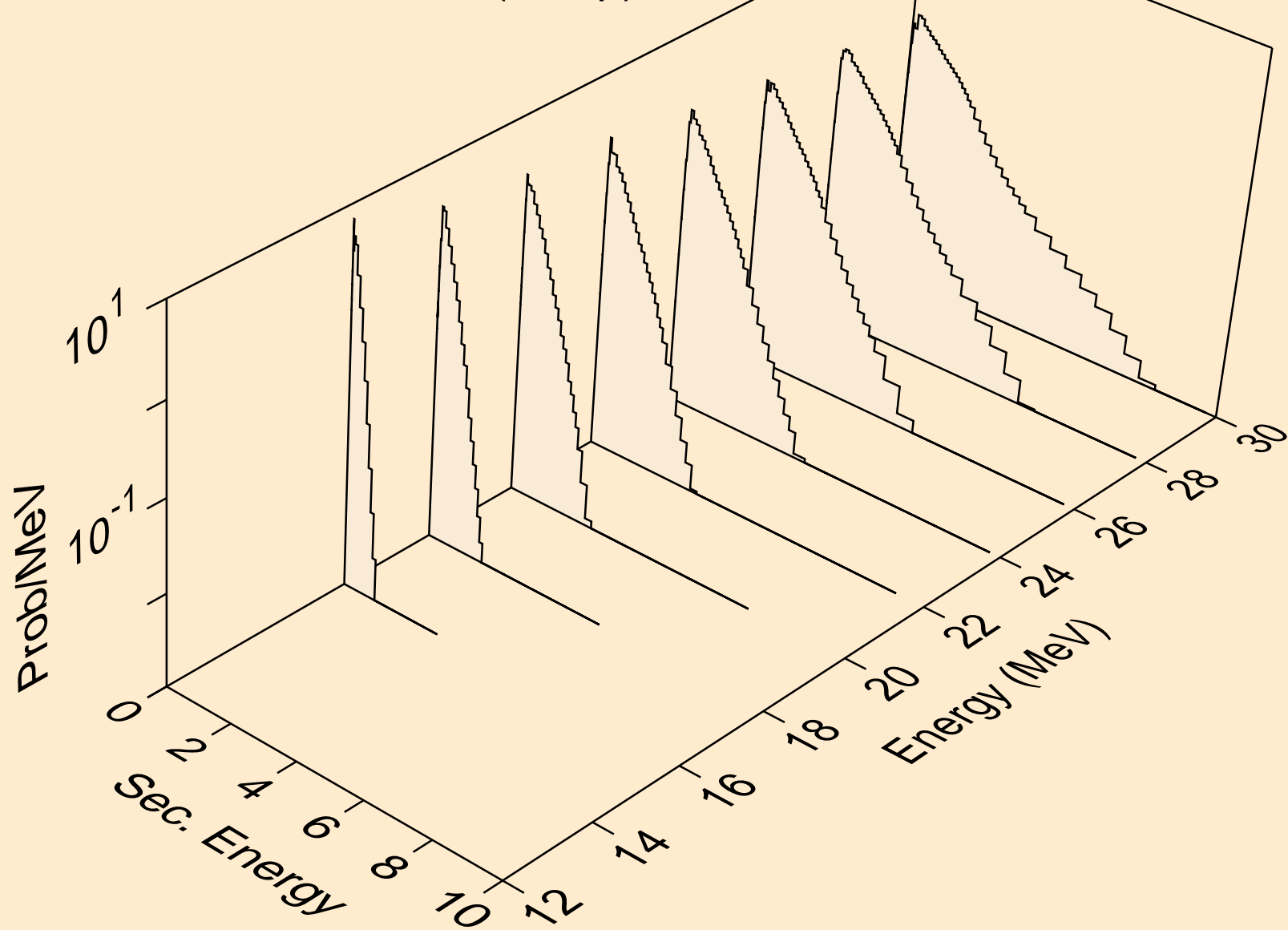
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



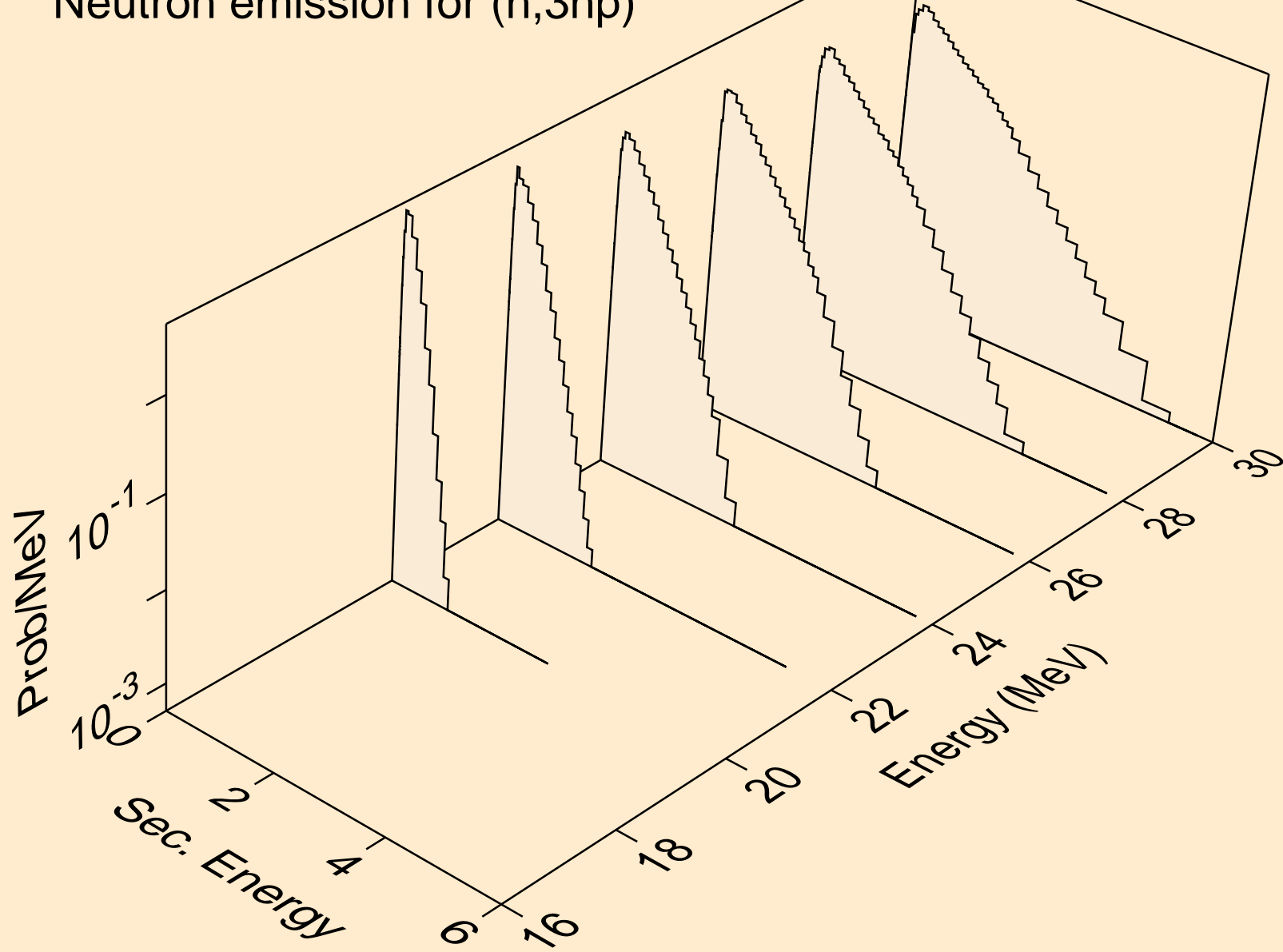
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



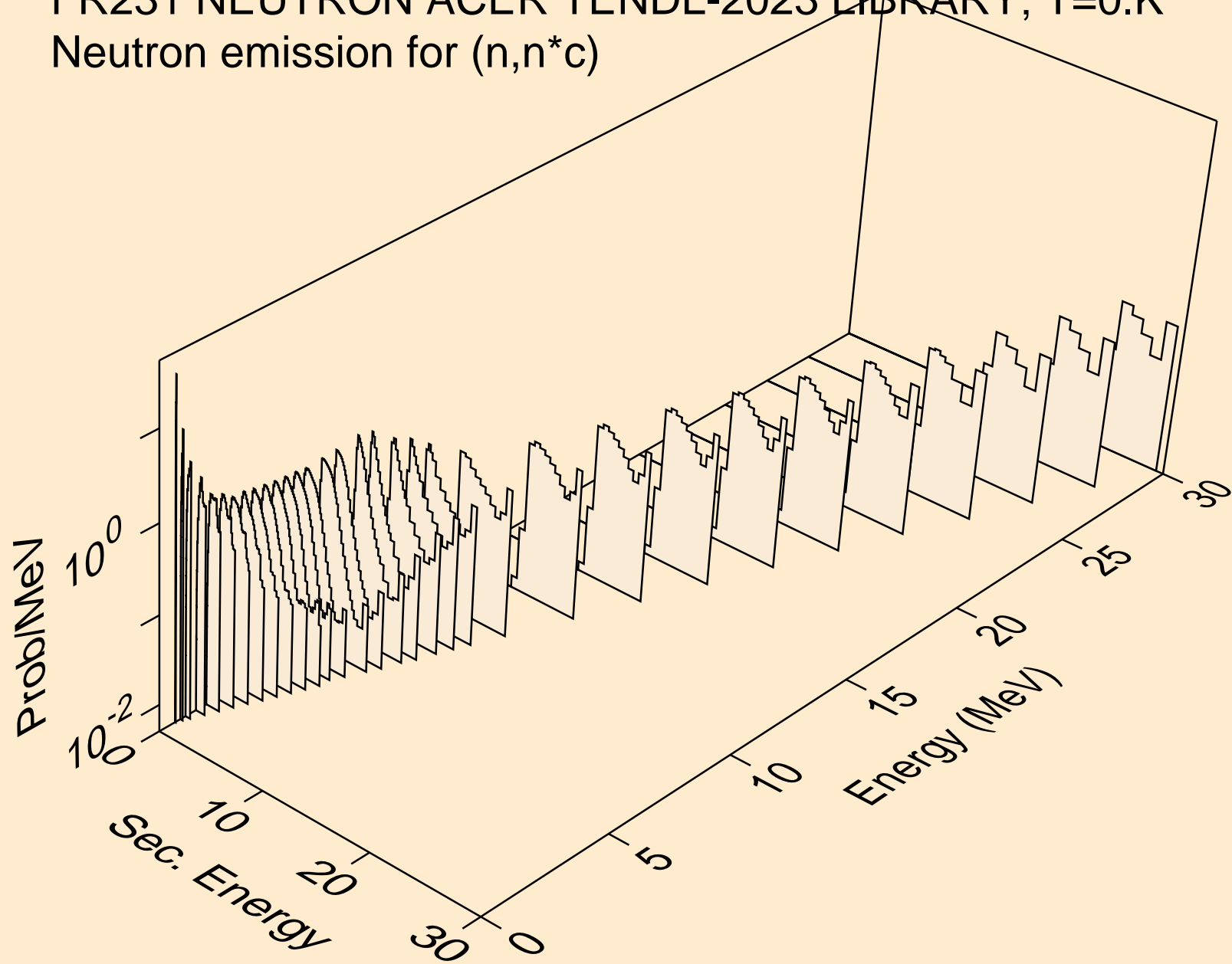
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)

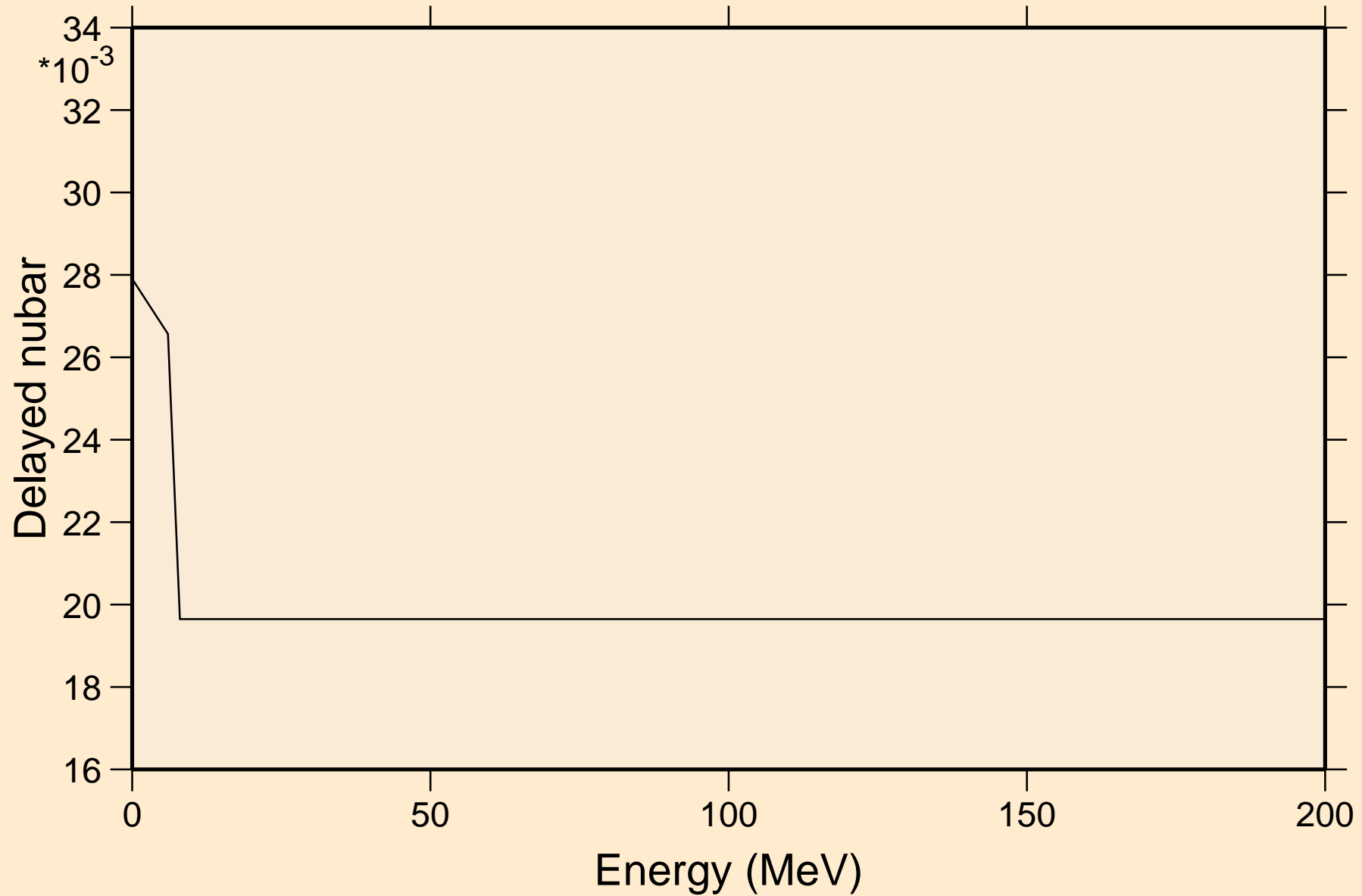


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



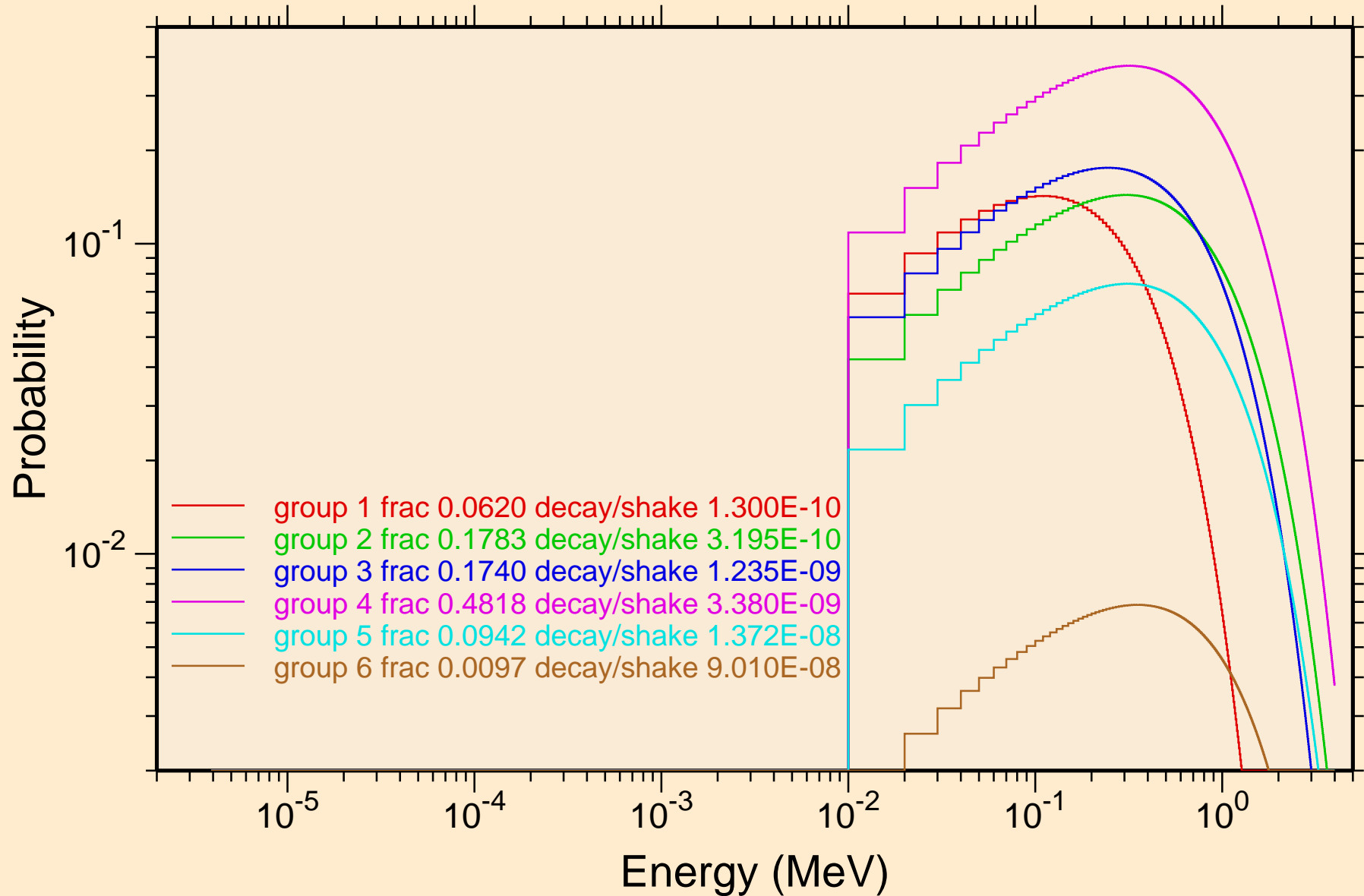
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Delayed nubar

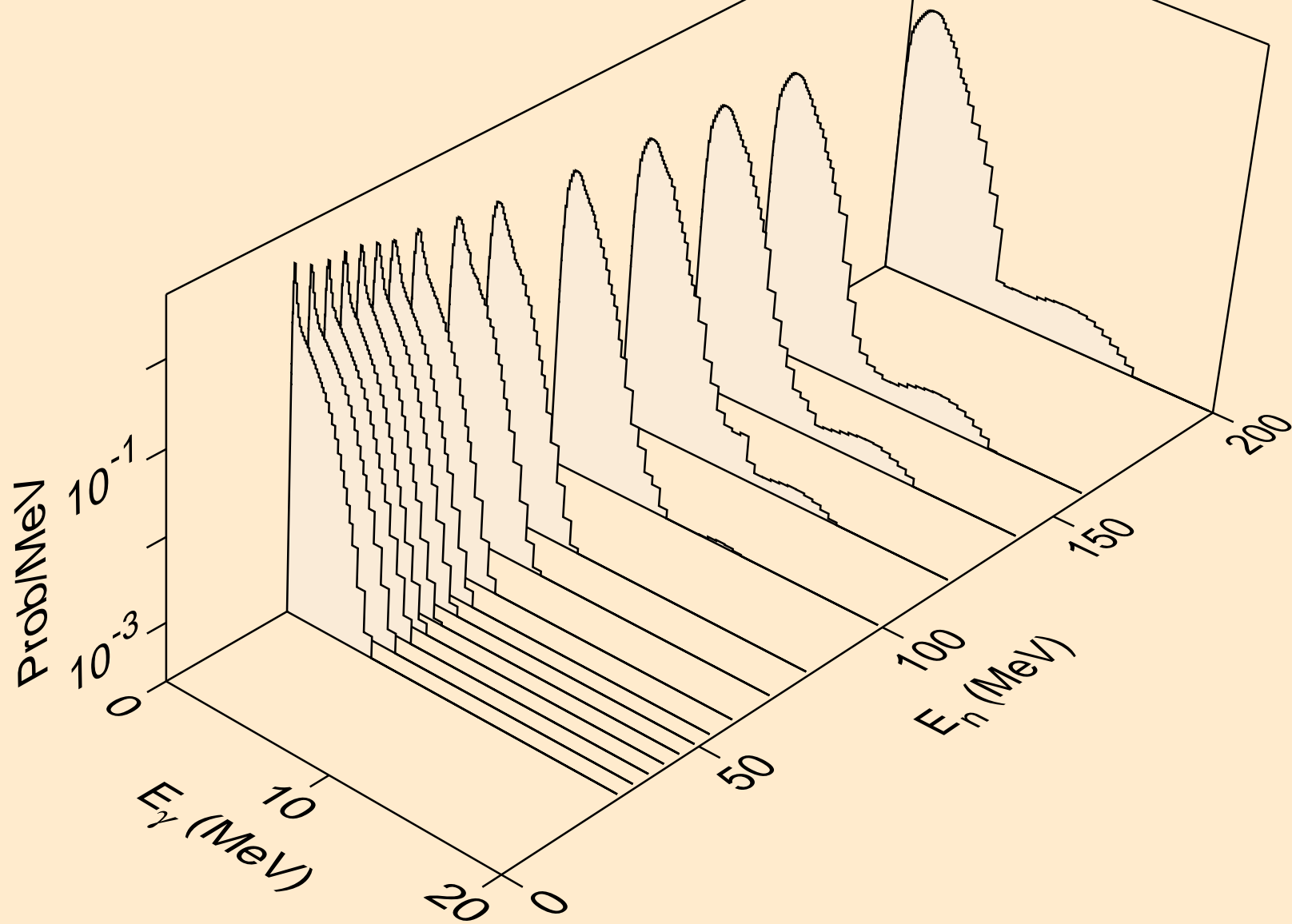


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

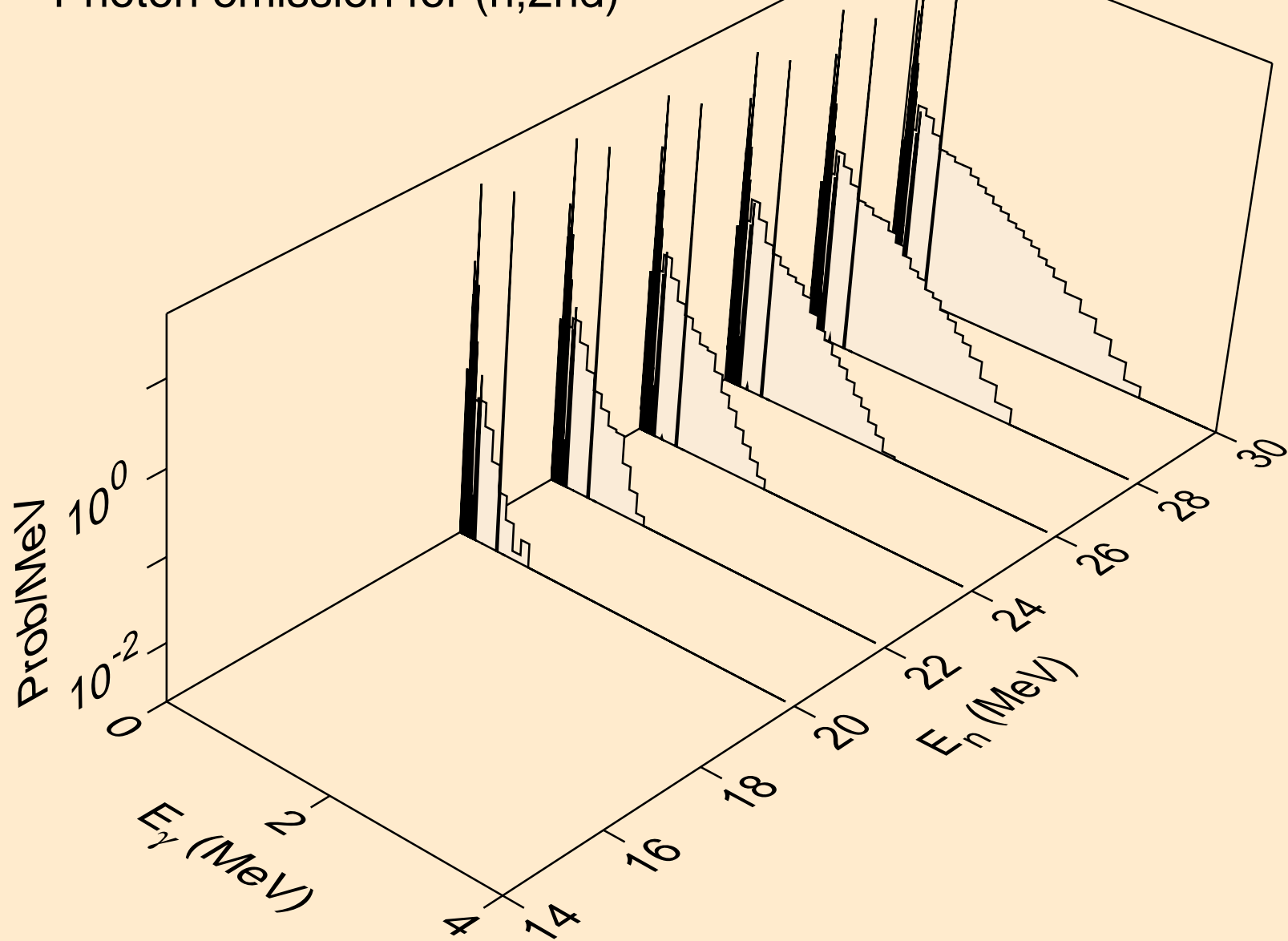
Delayed neutron spectra



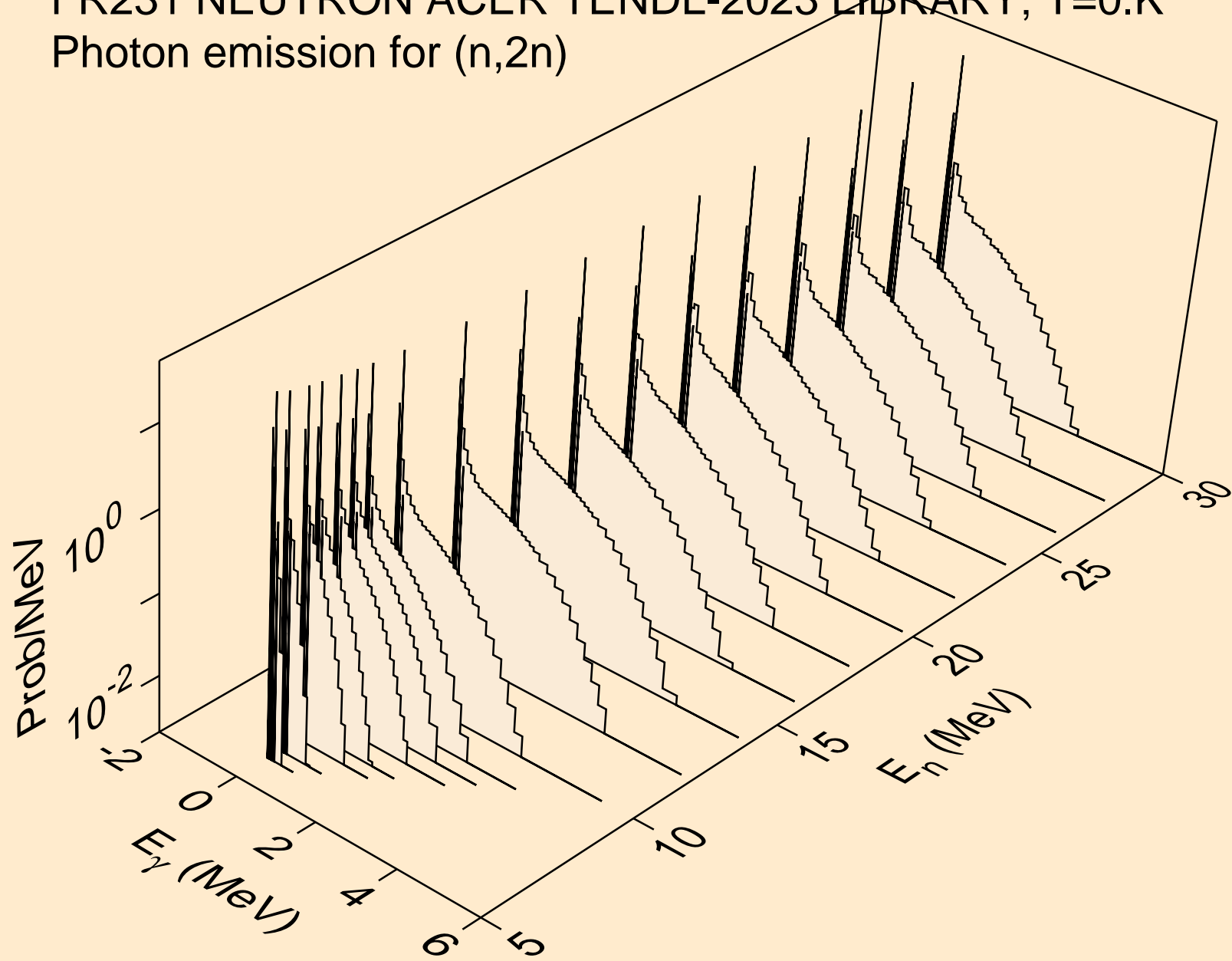
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



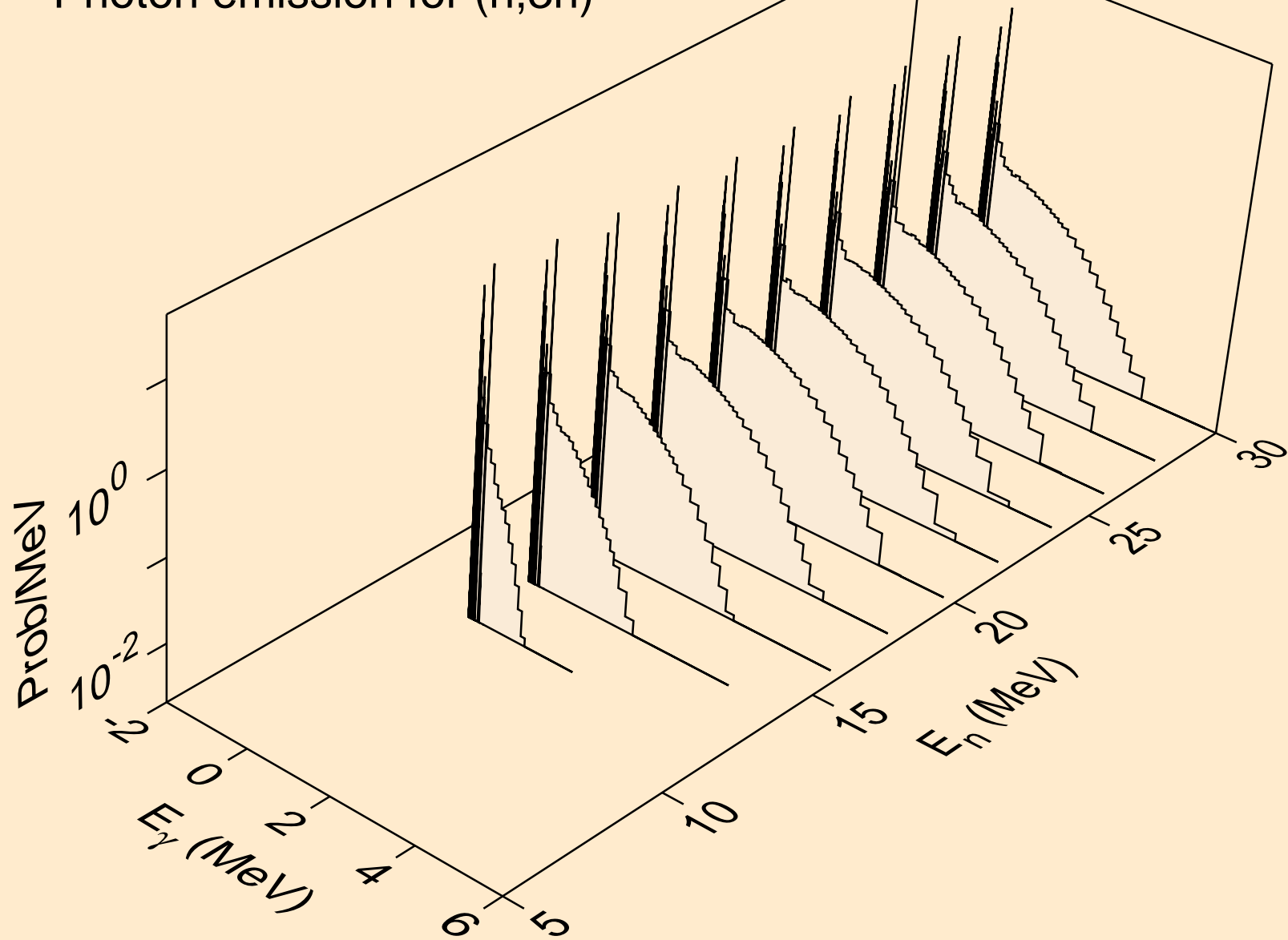
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



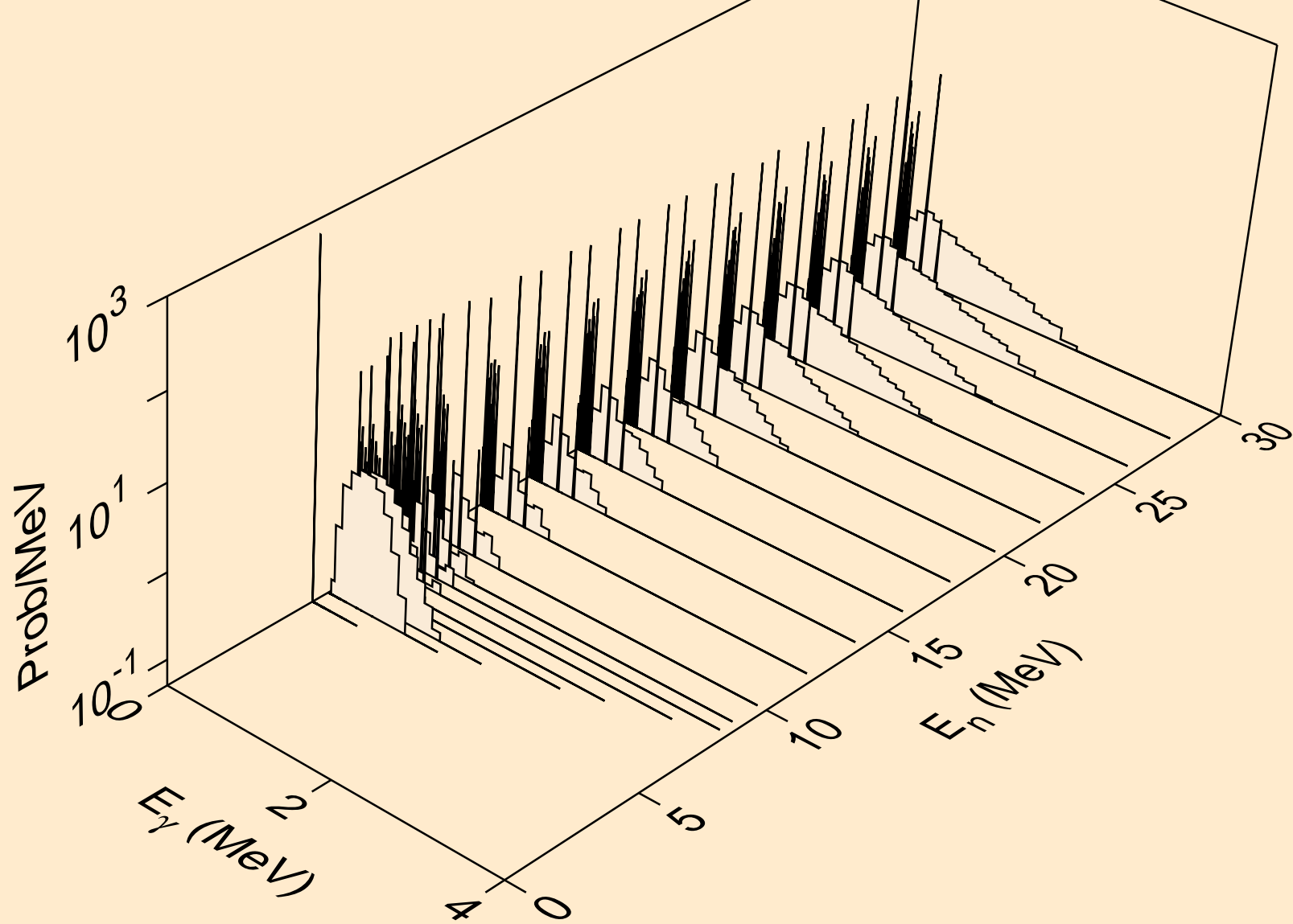
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



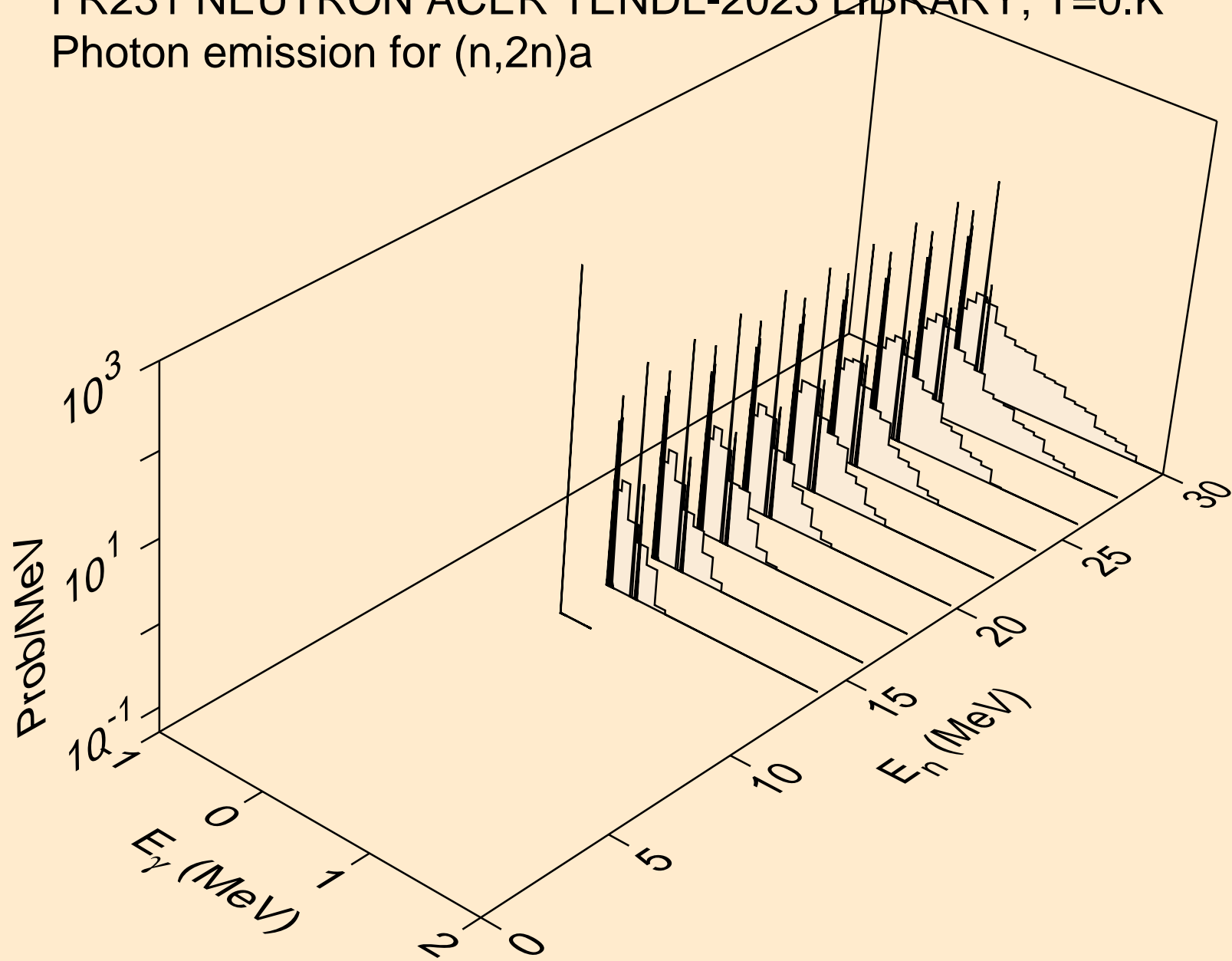
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



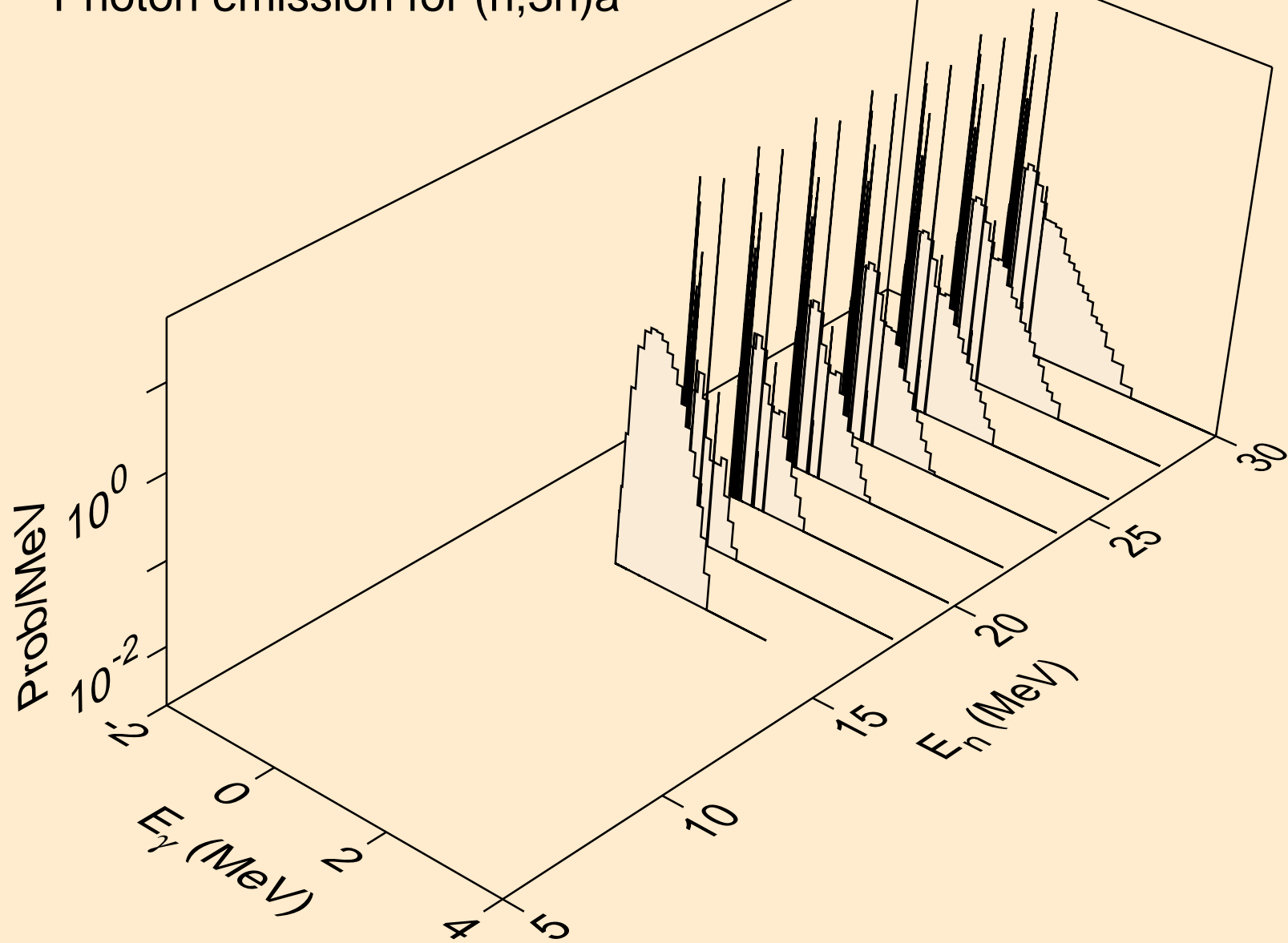
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



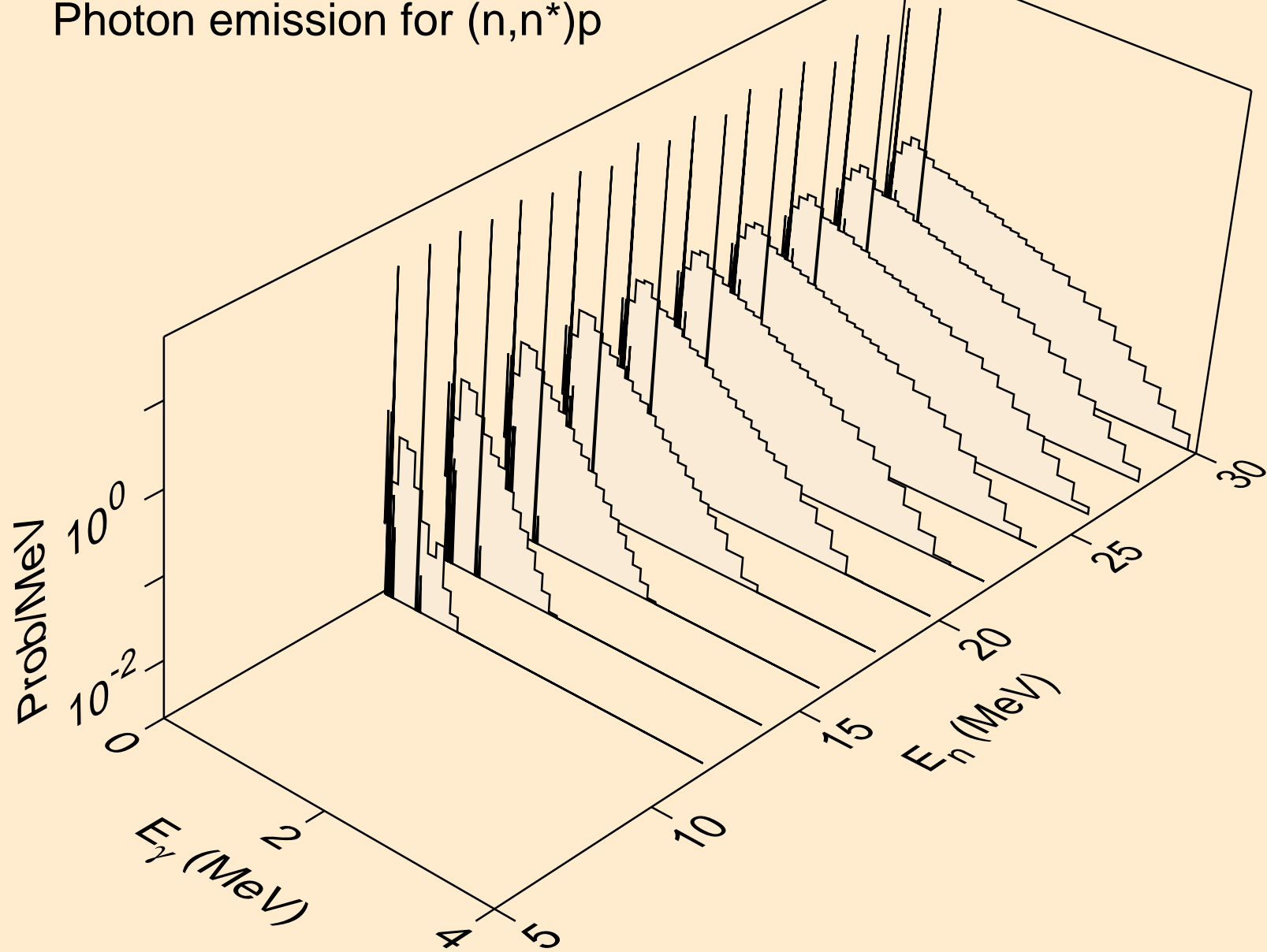
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



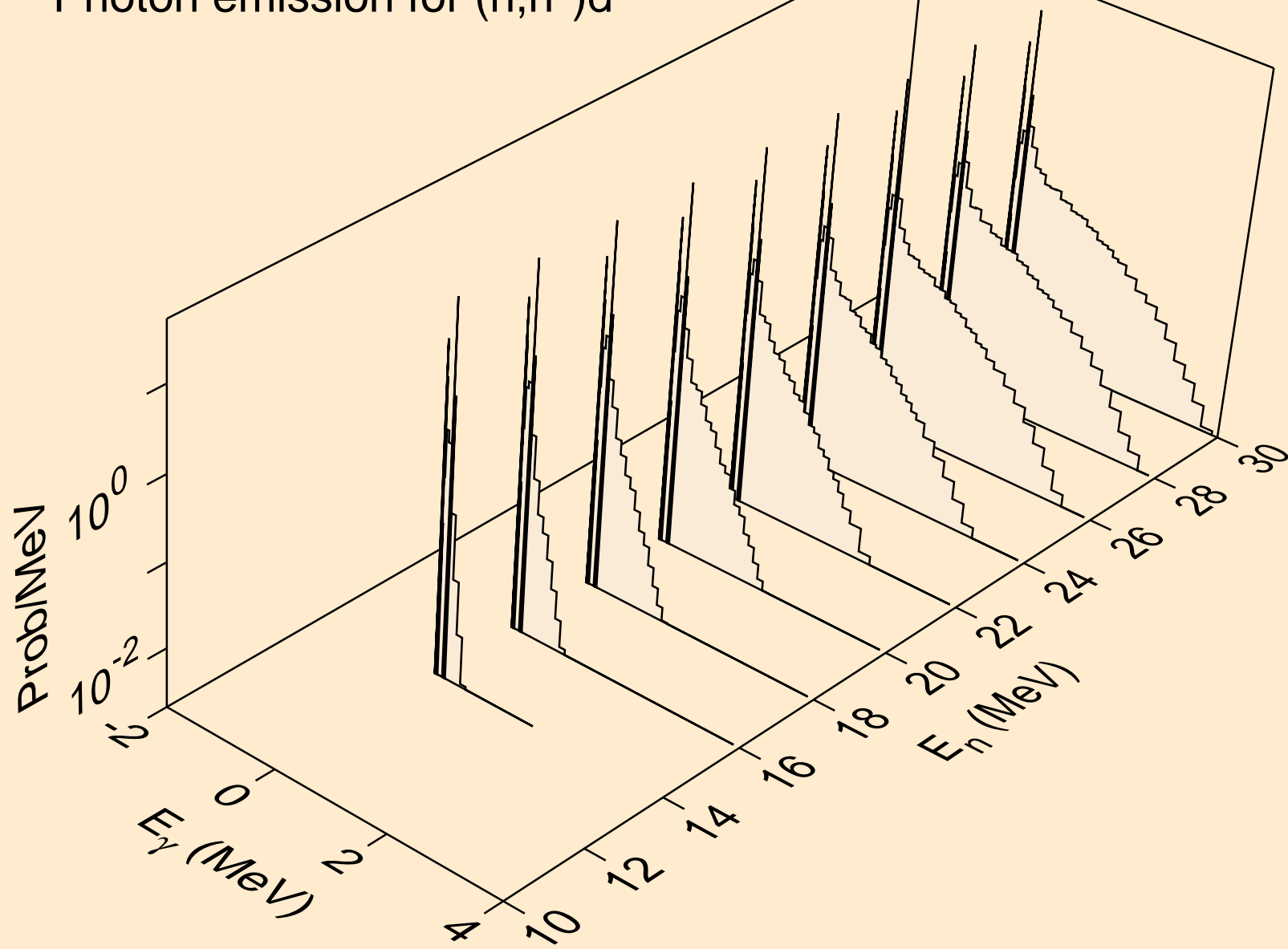
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



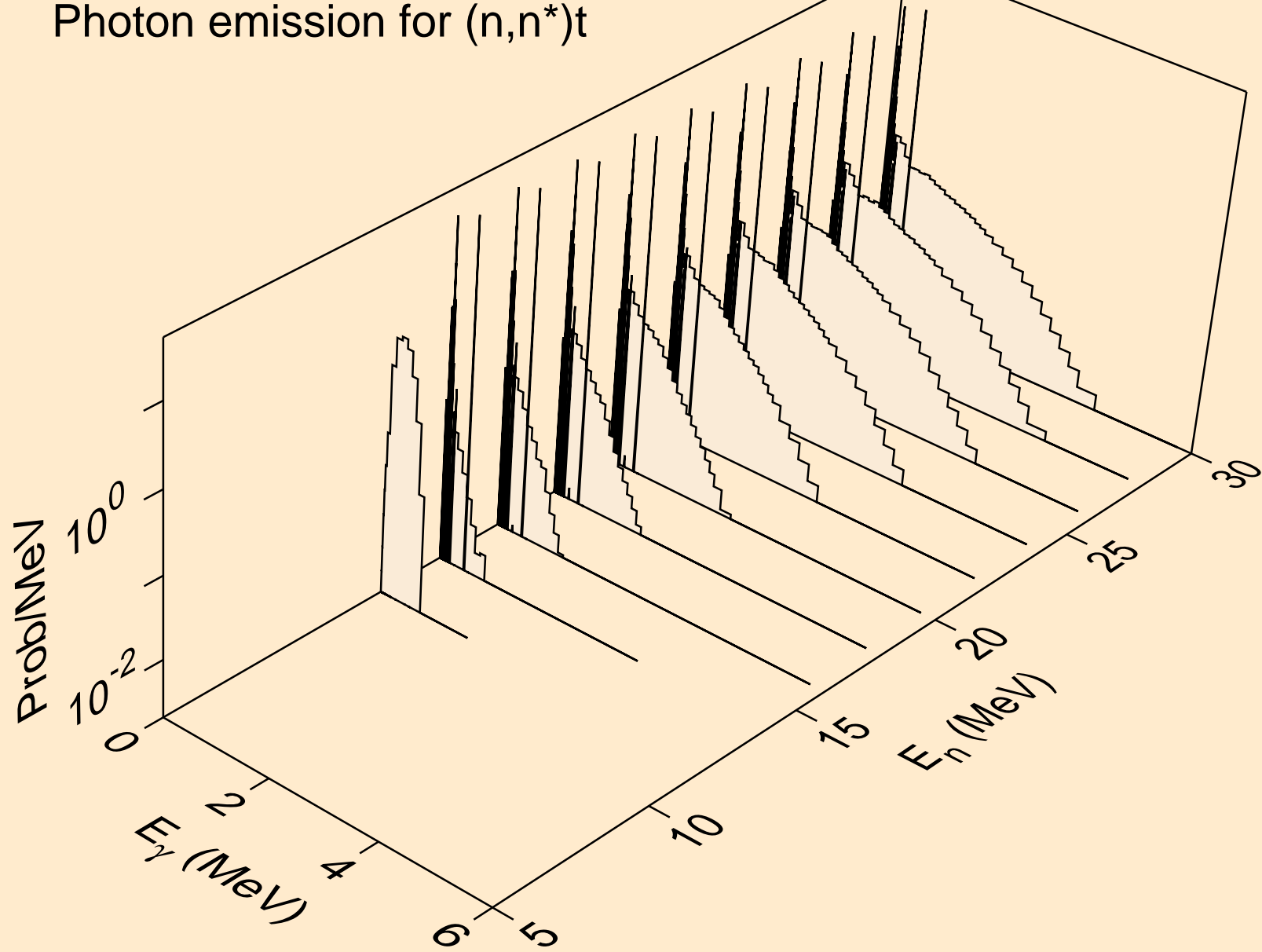
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



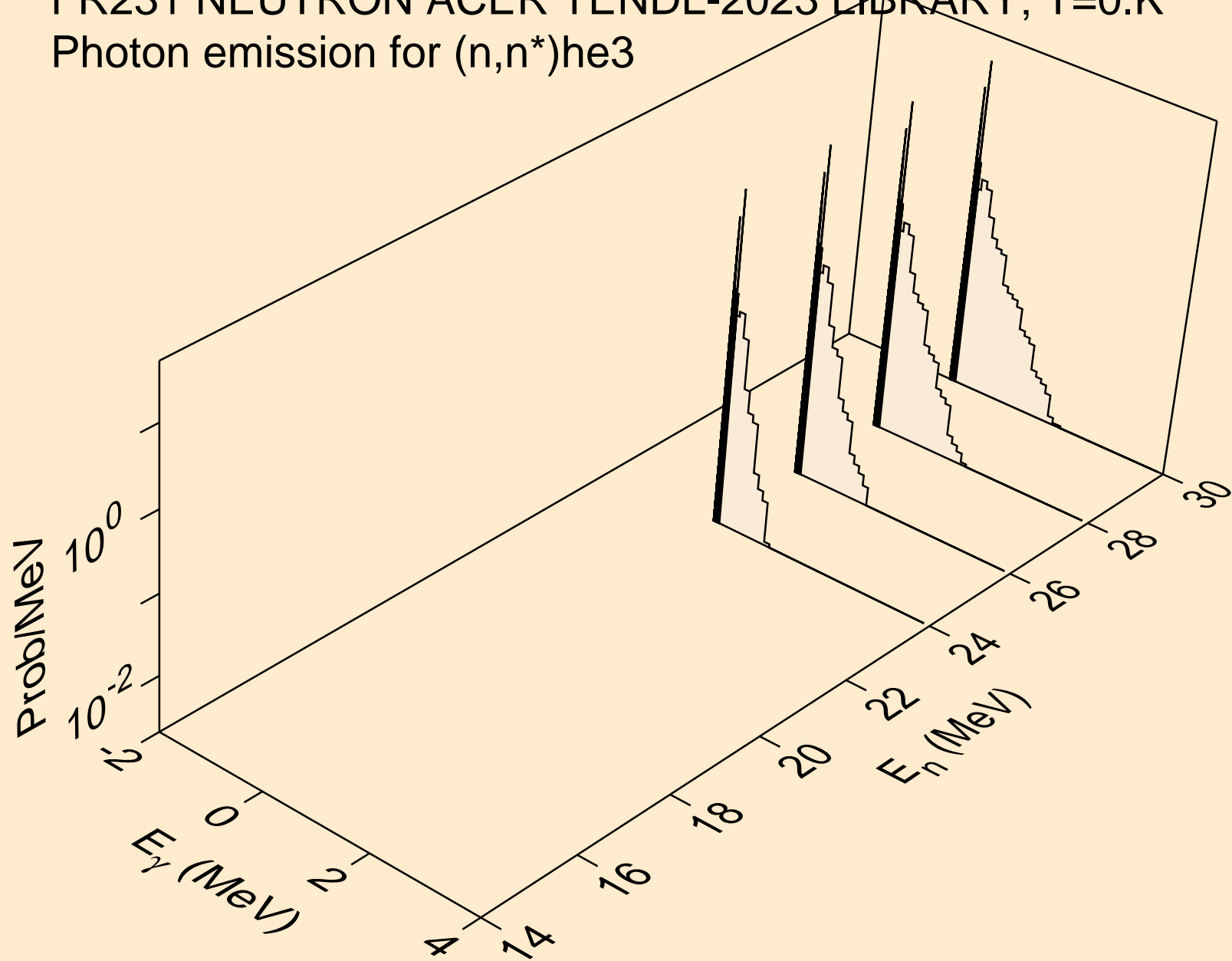
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



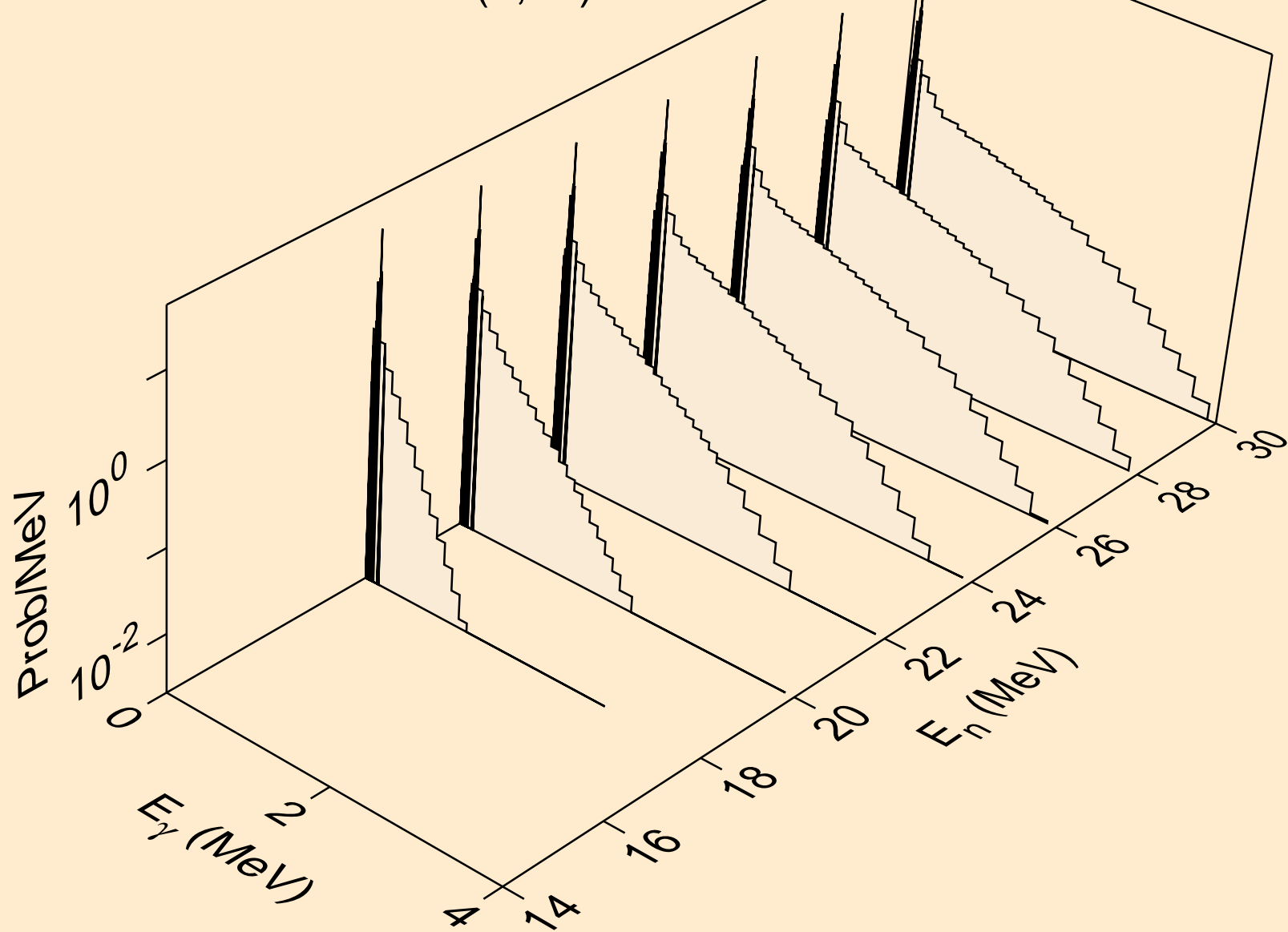
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



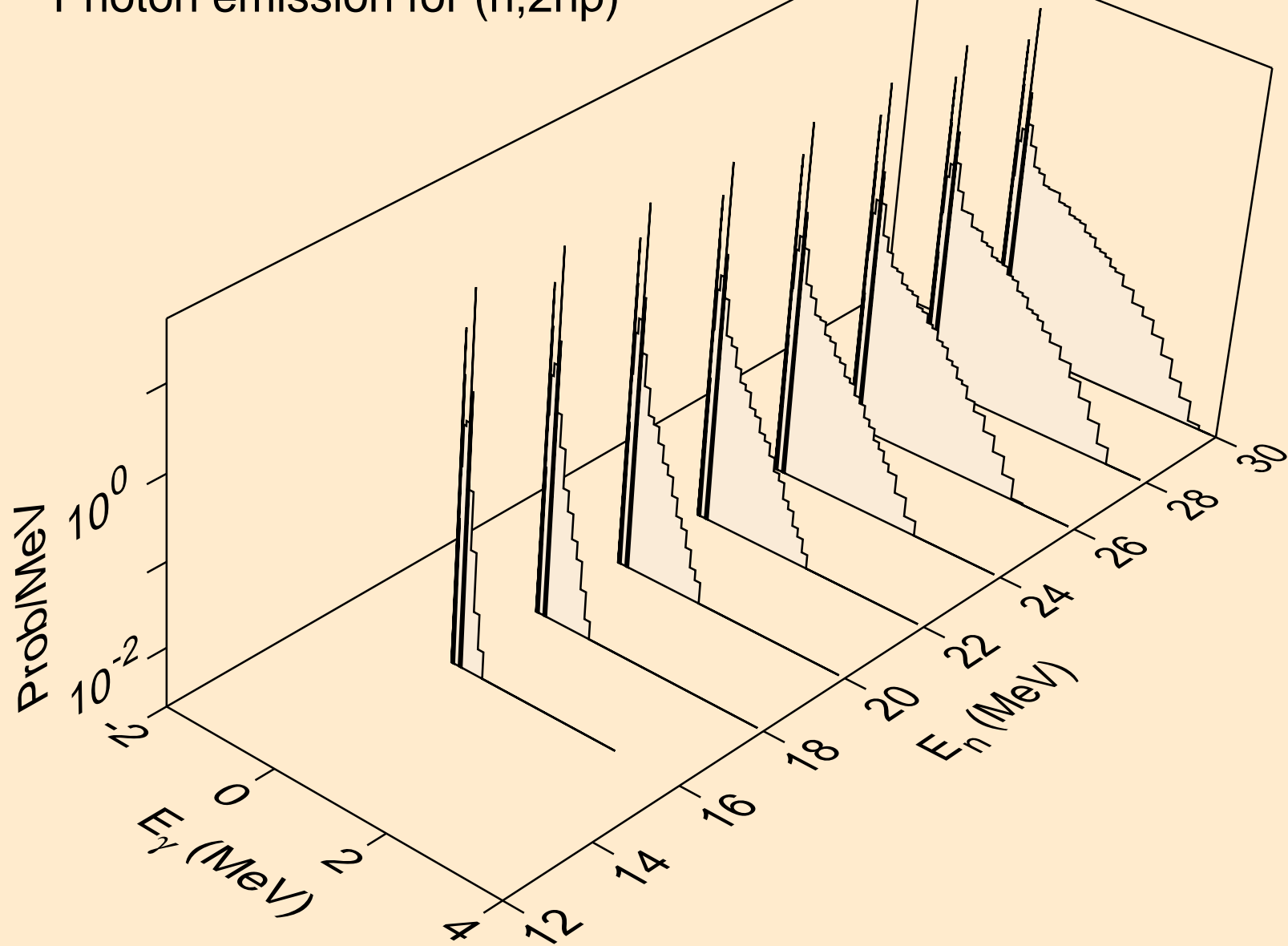
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



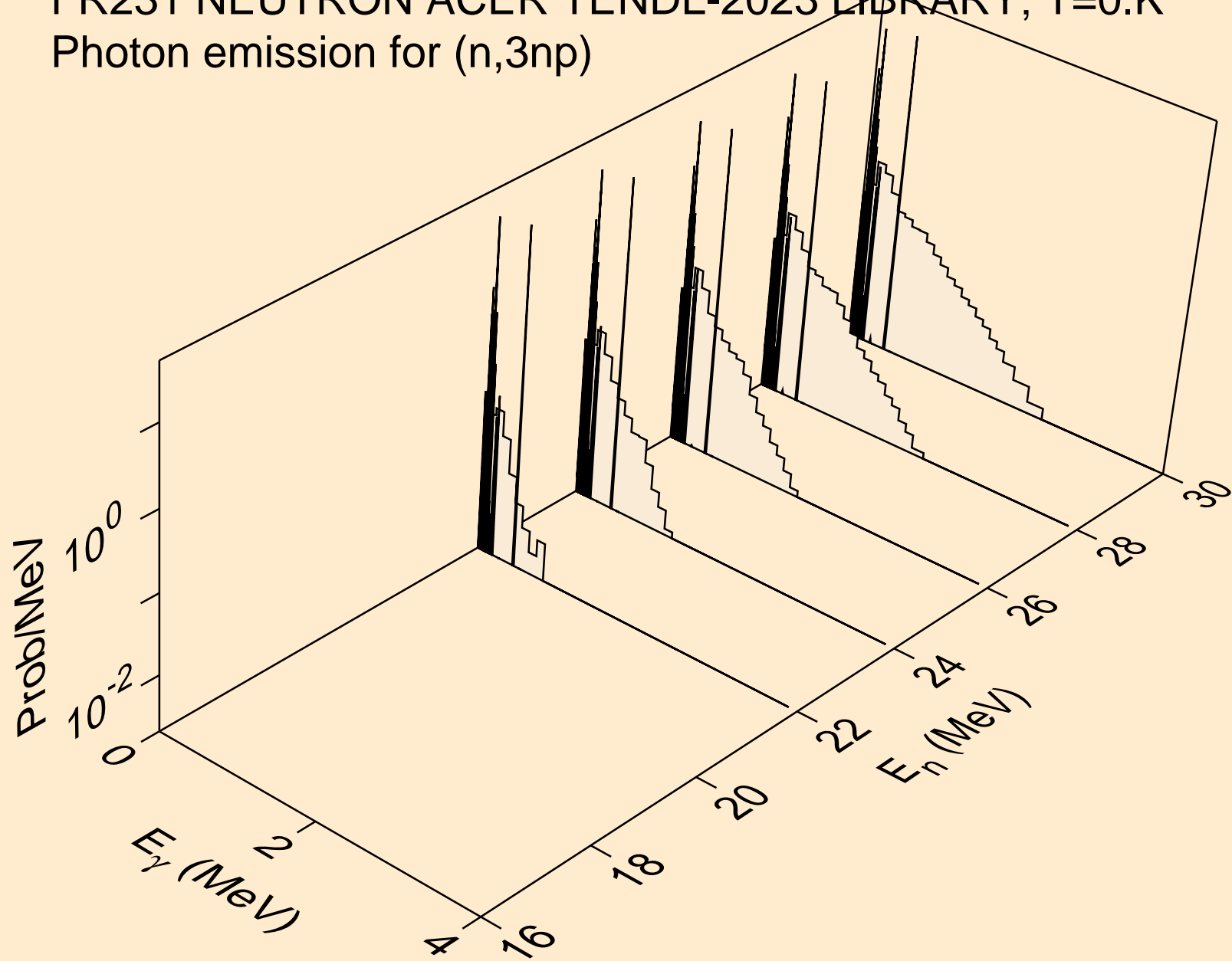
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



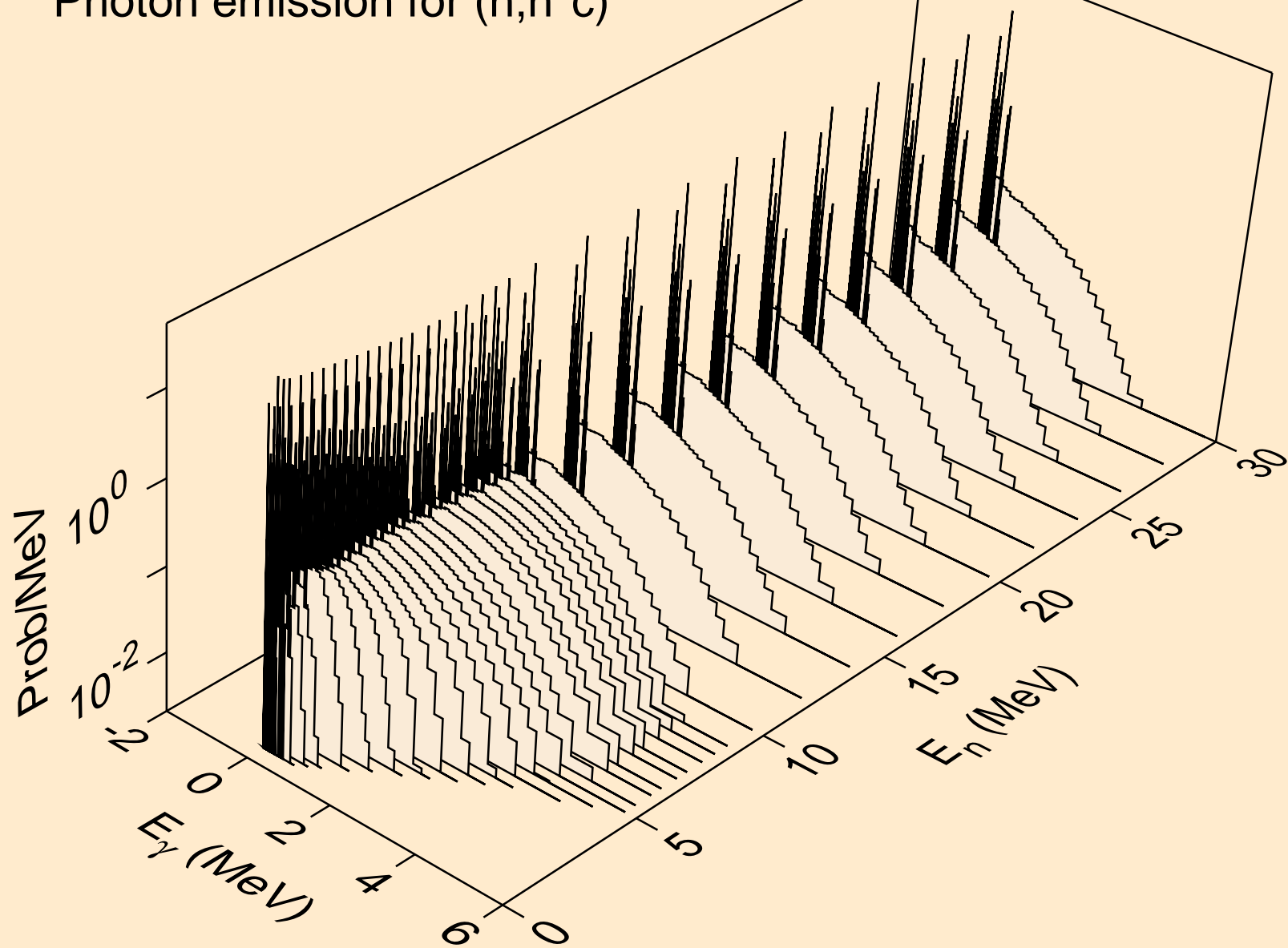
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



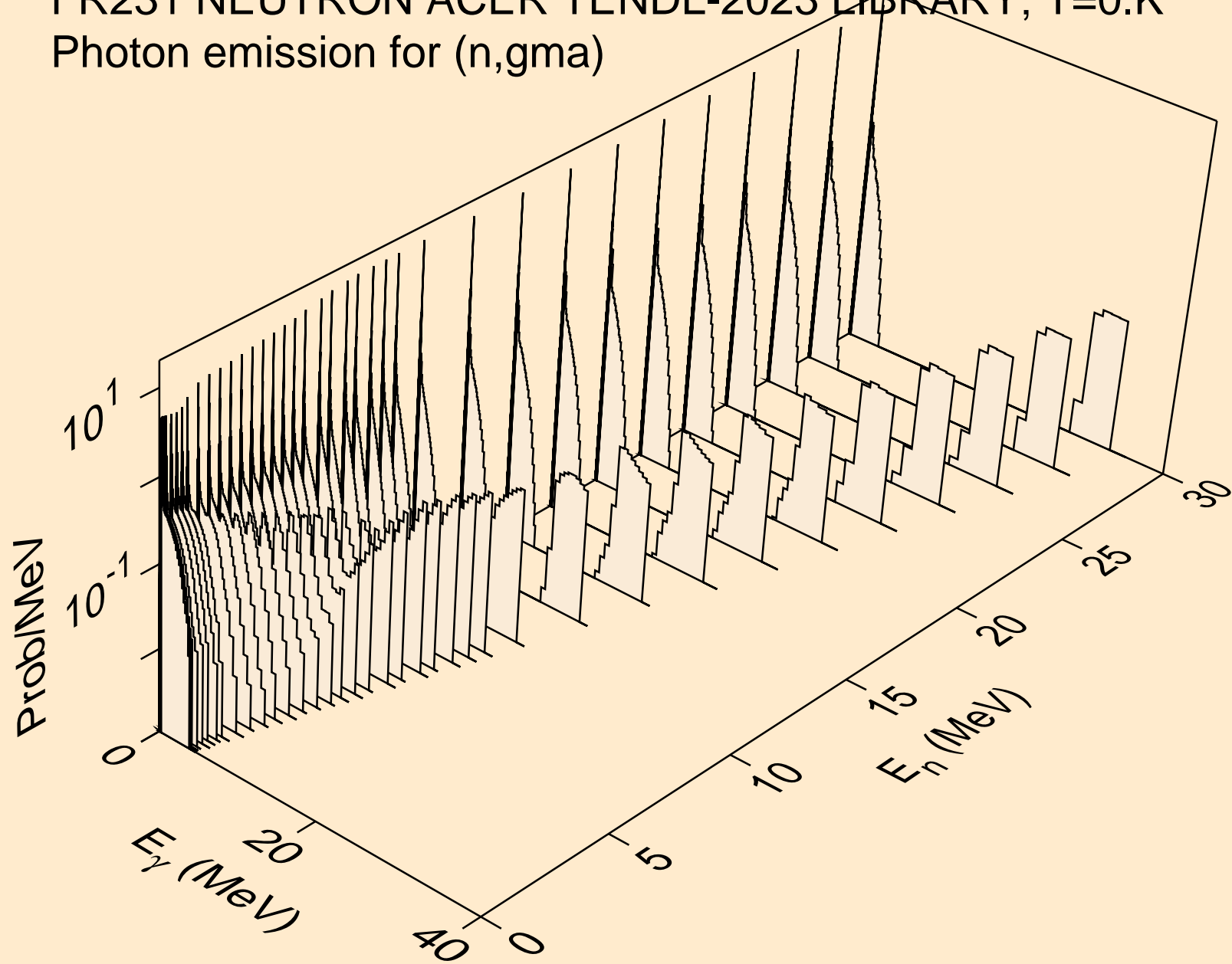
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



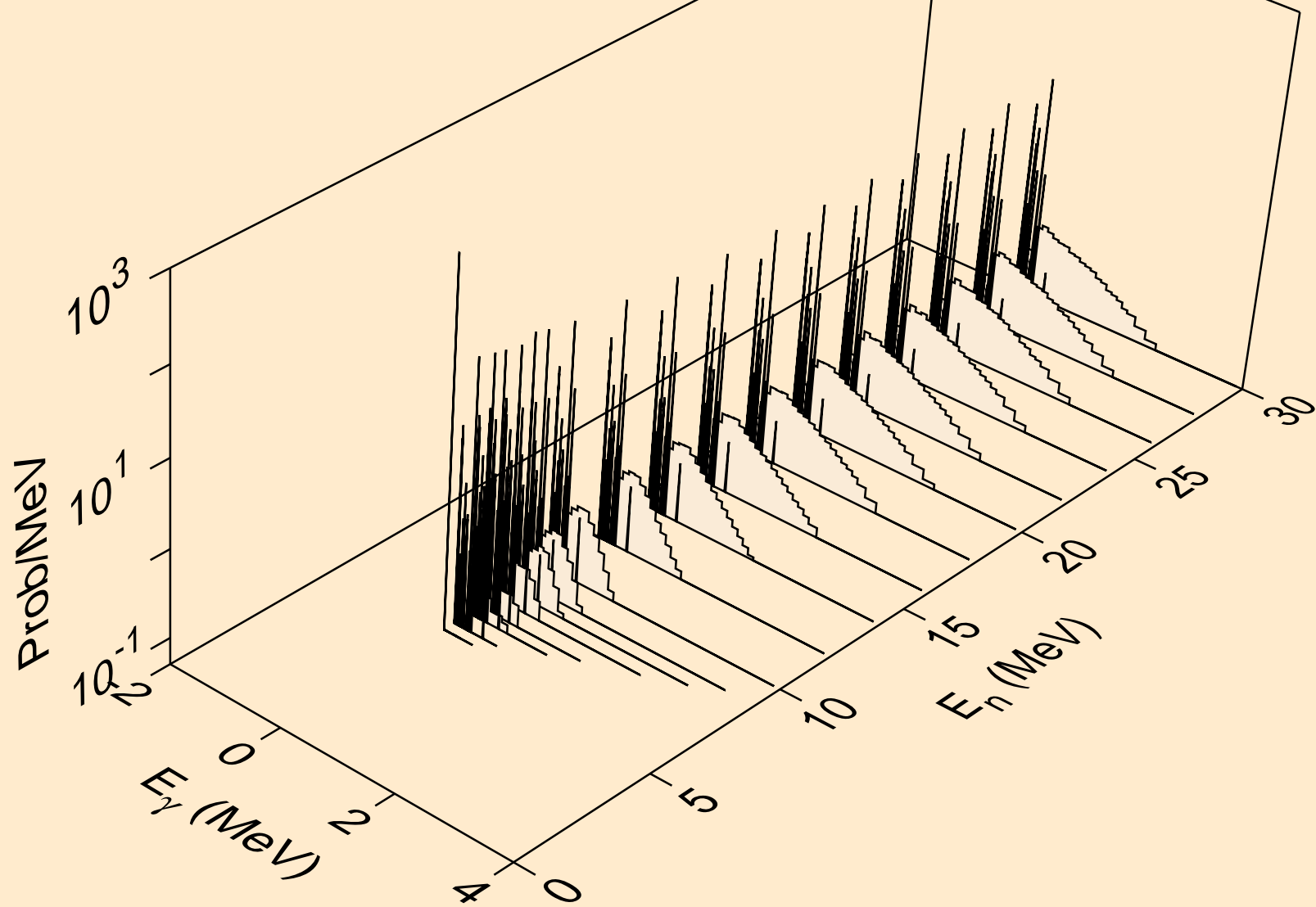
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



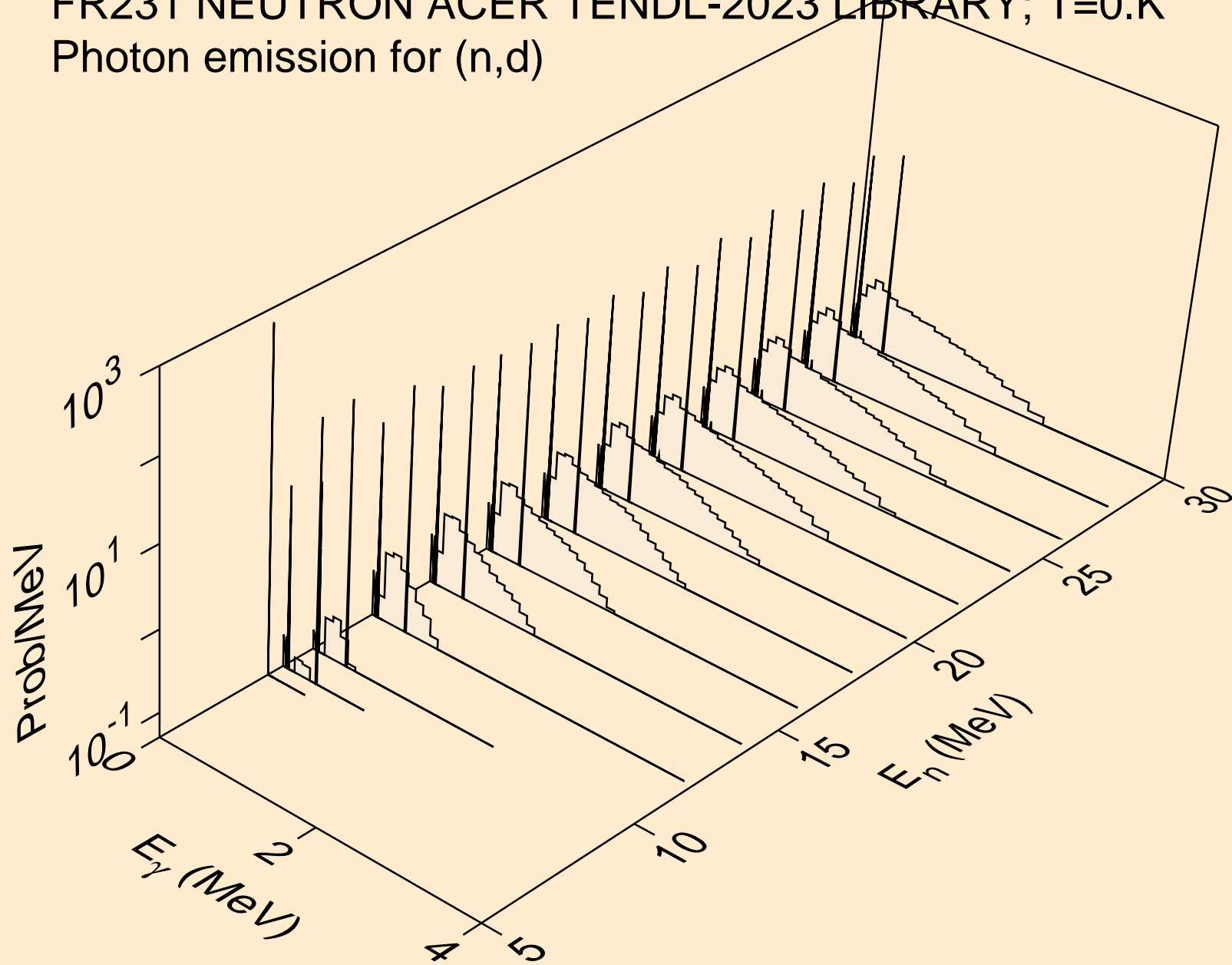
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



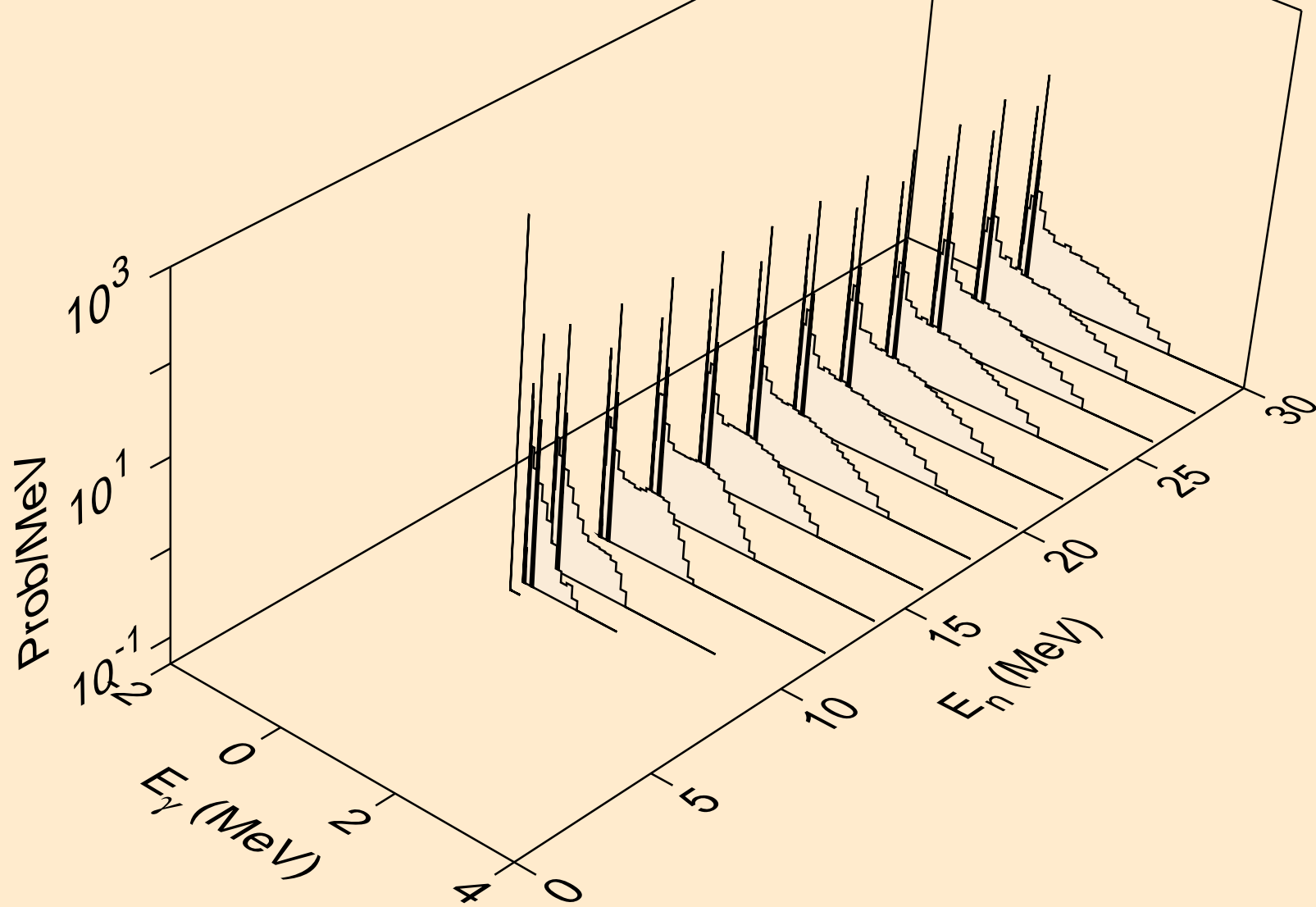
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



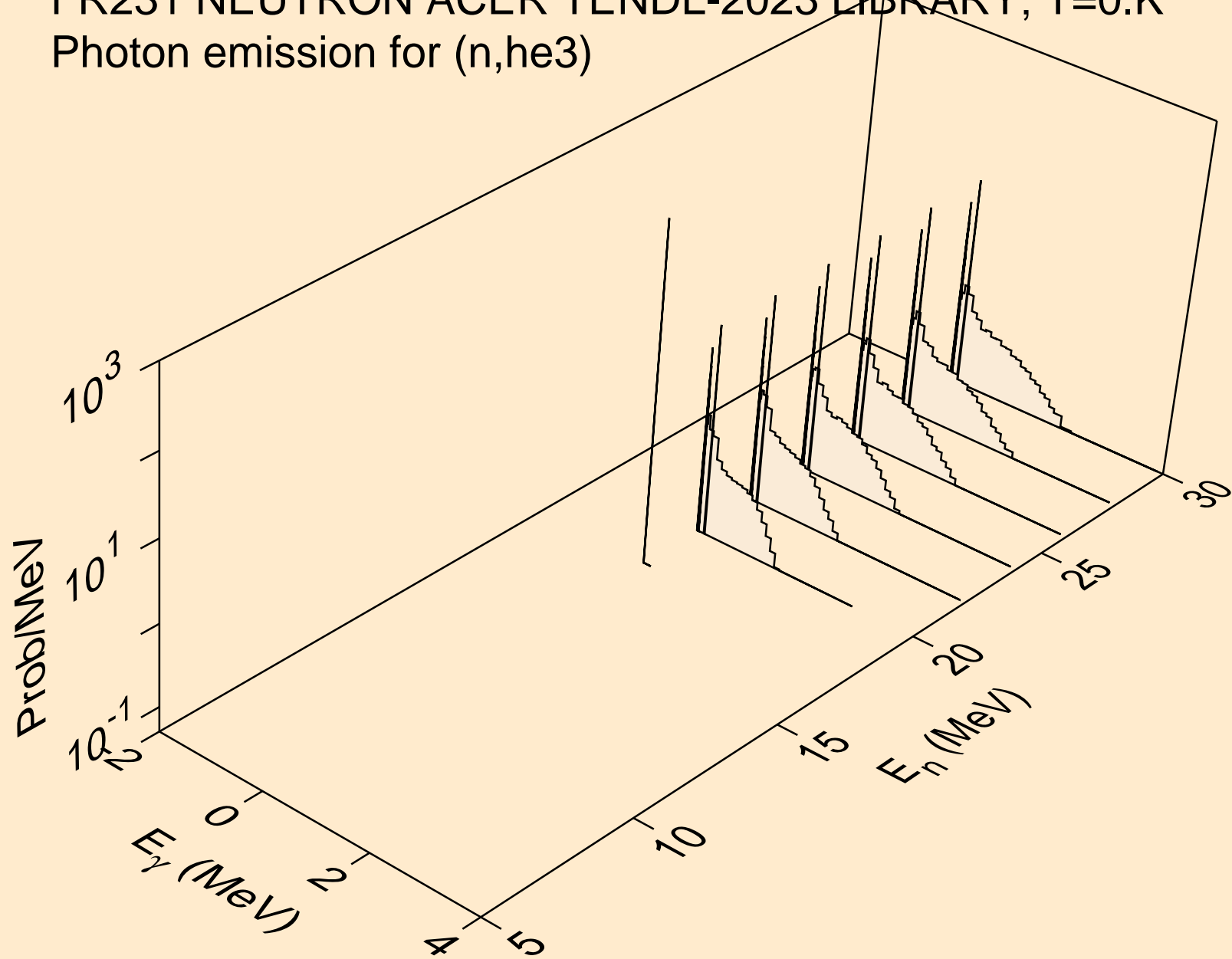
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



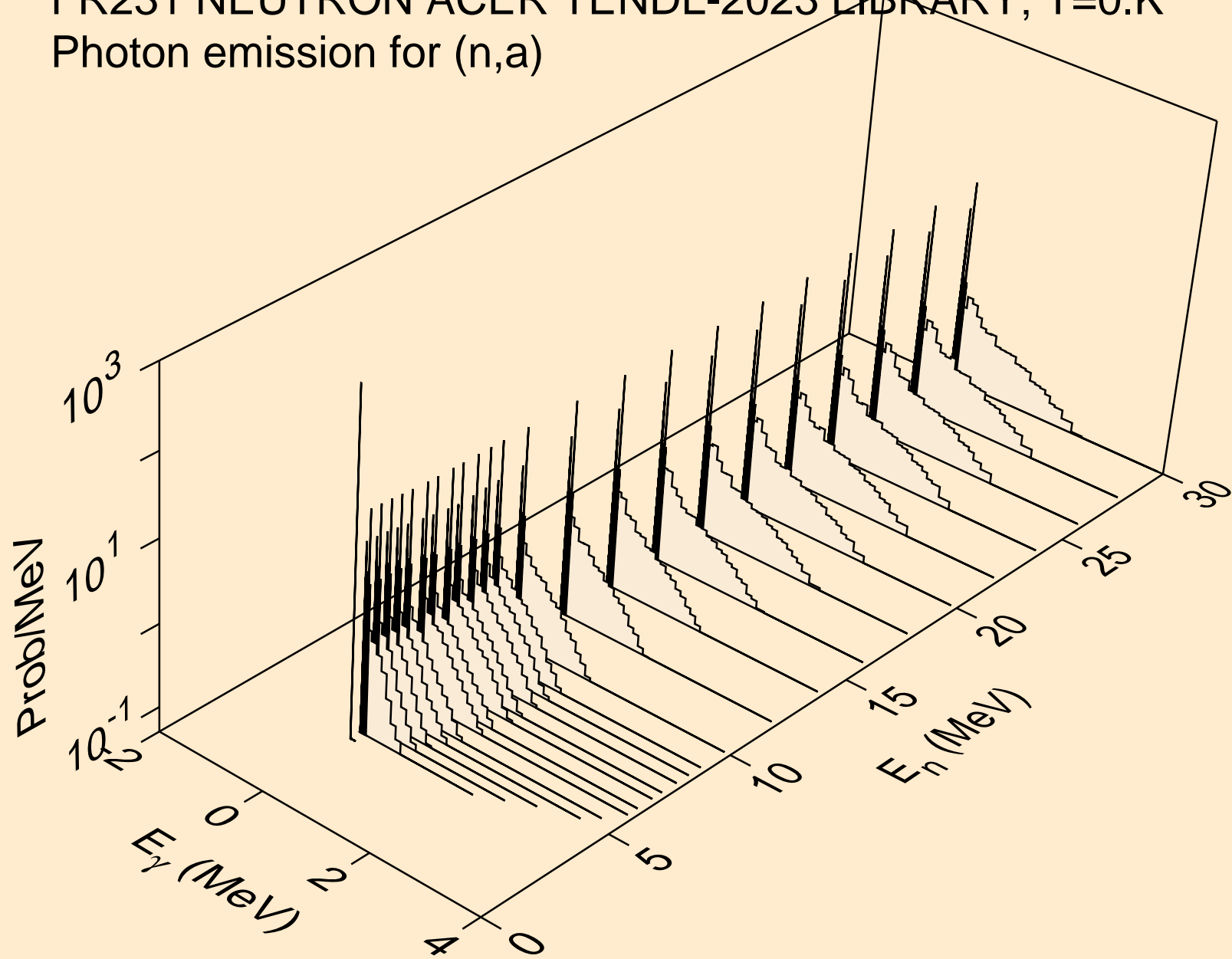
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



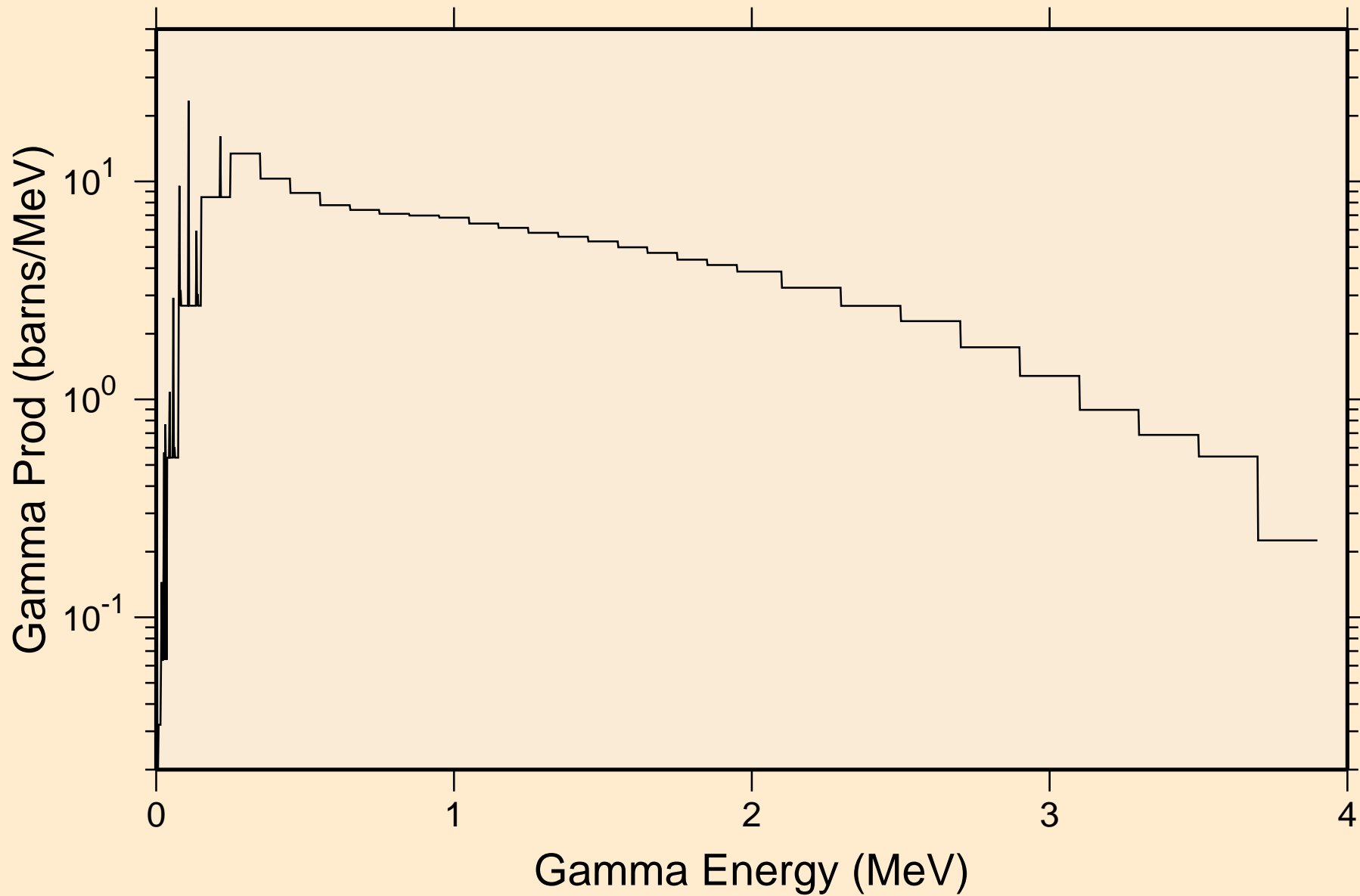
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



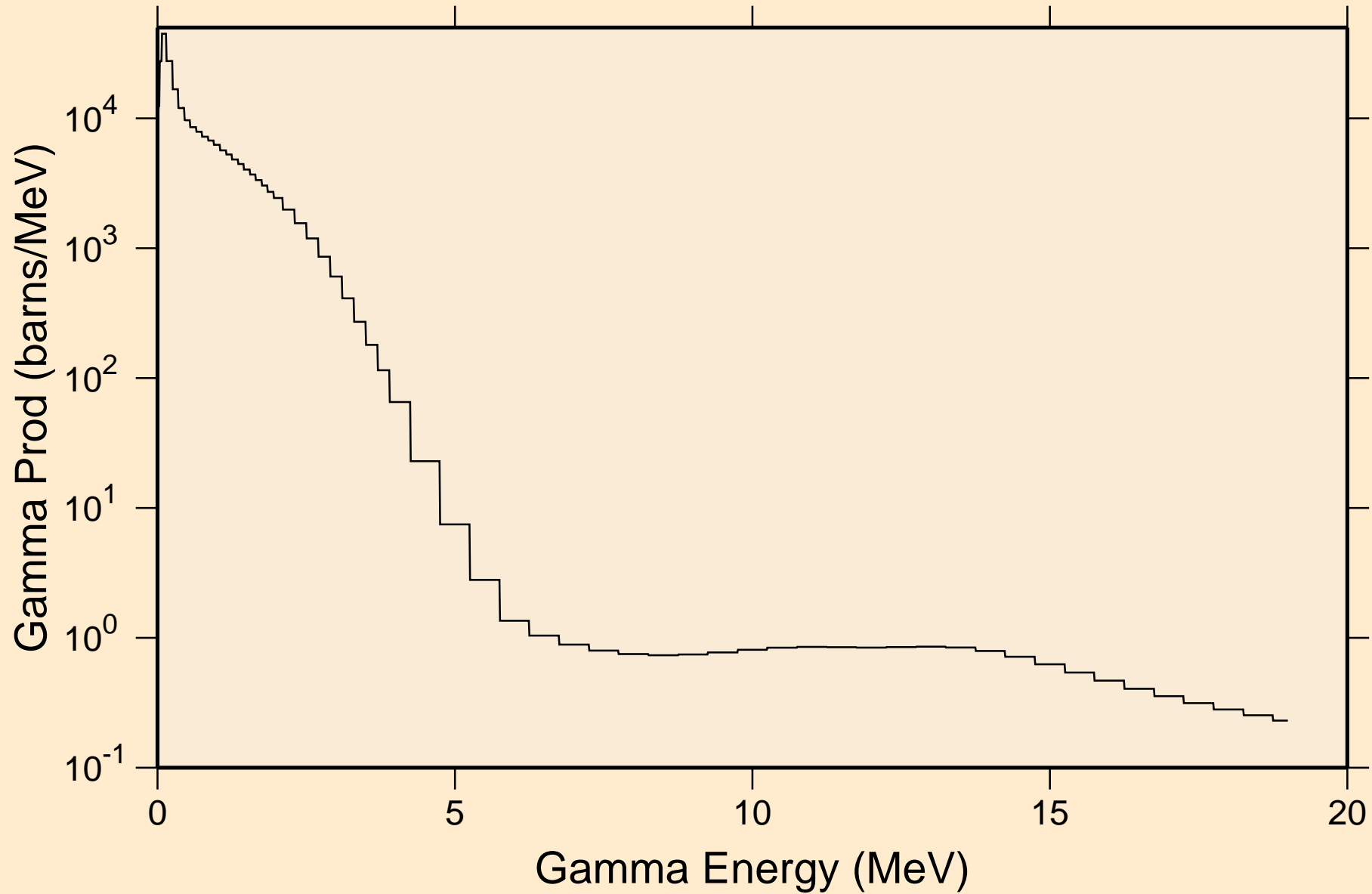
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



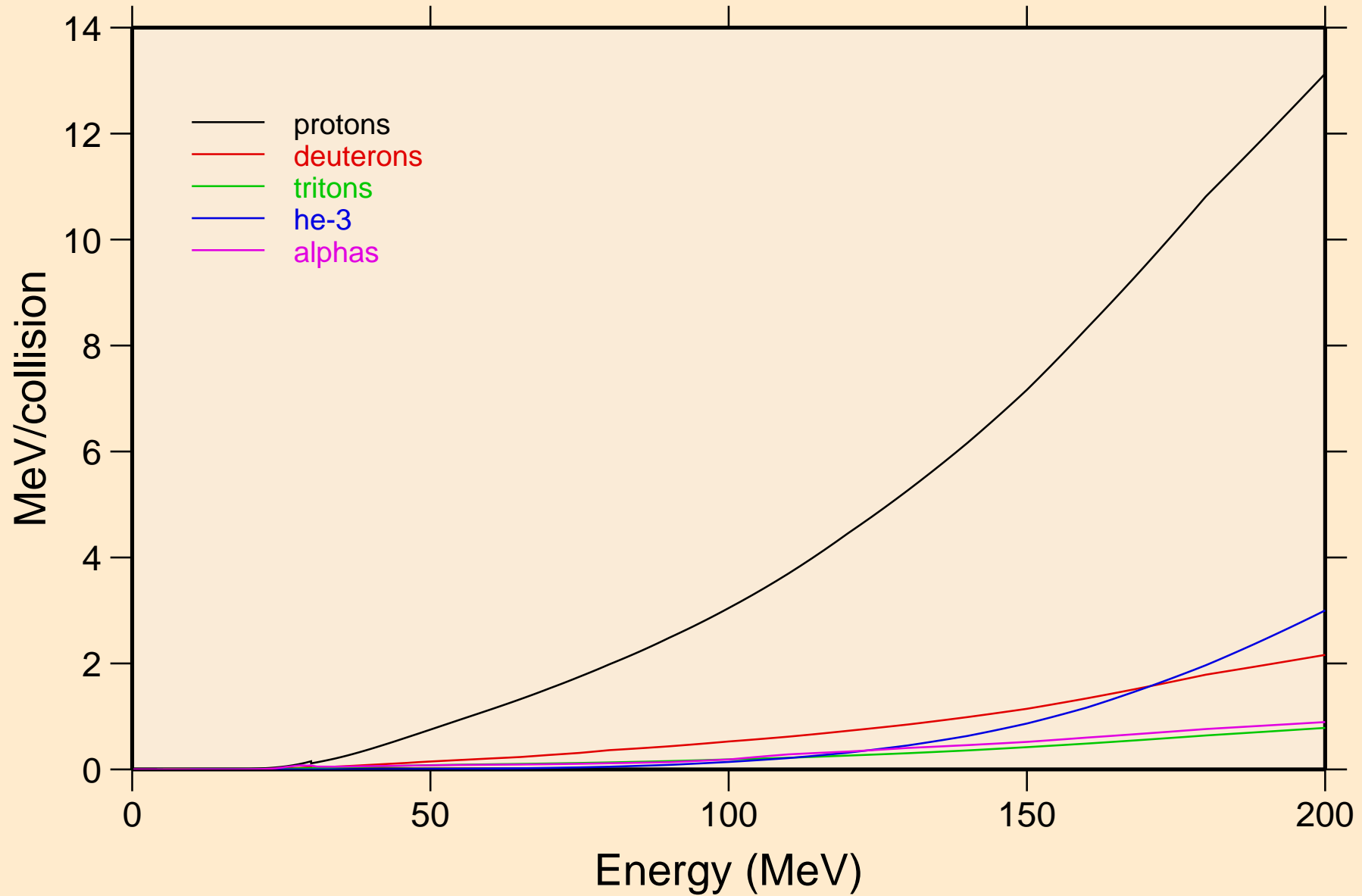
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum



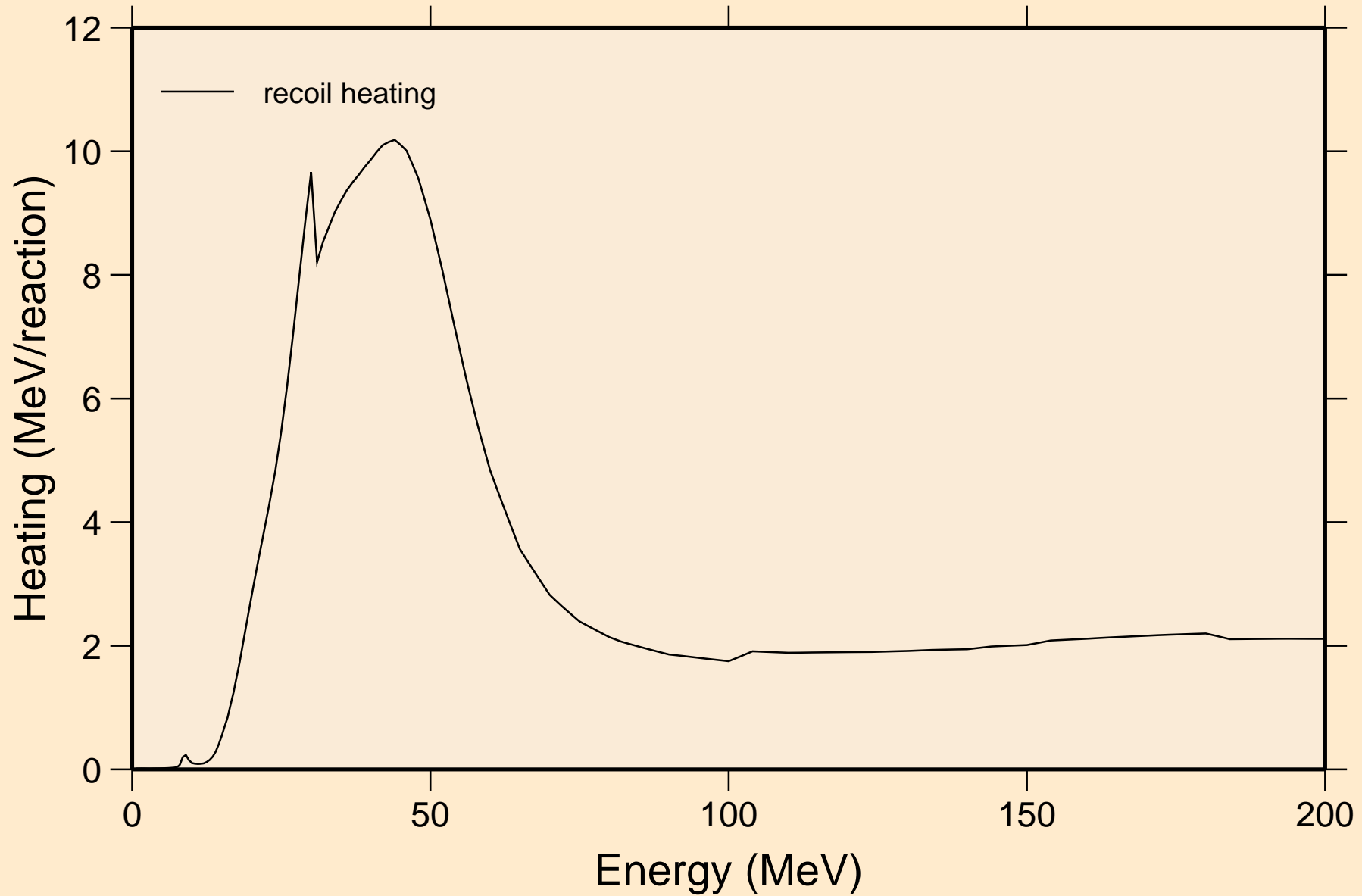
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

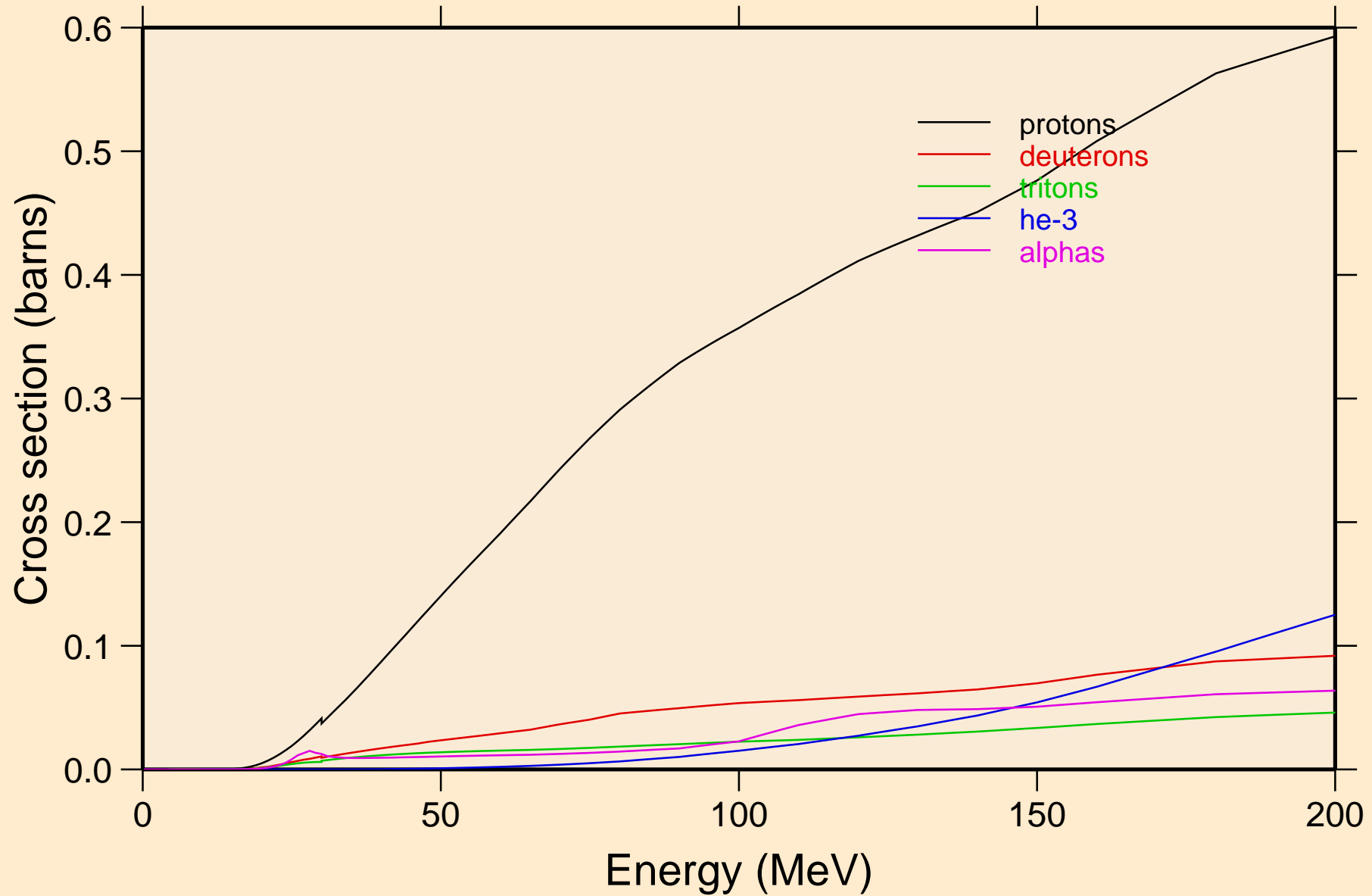


FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

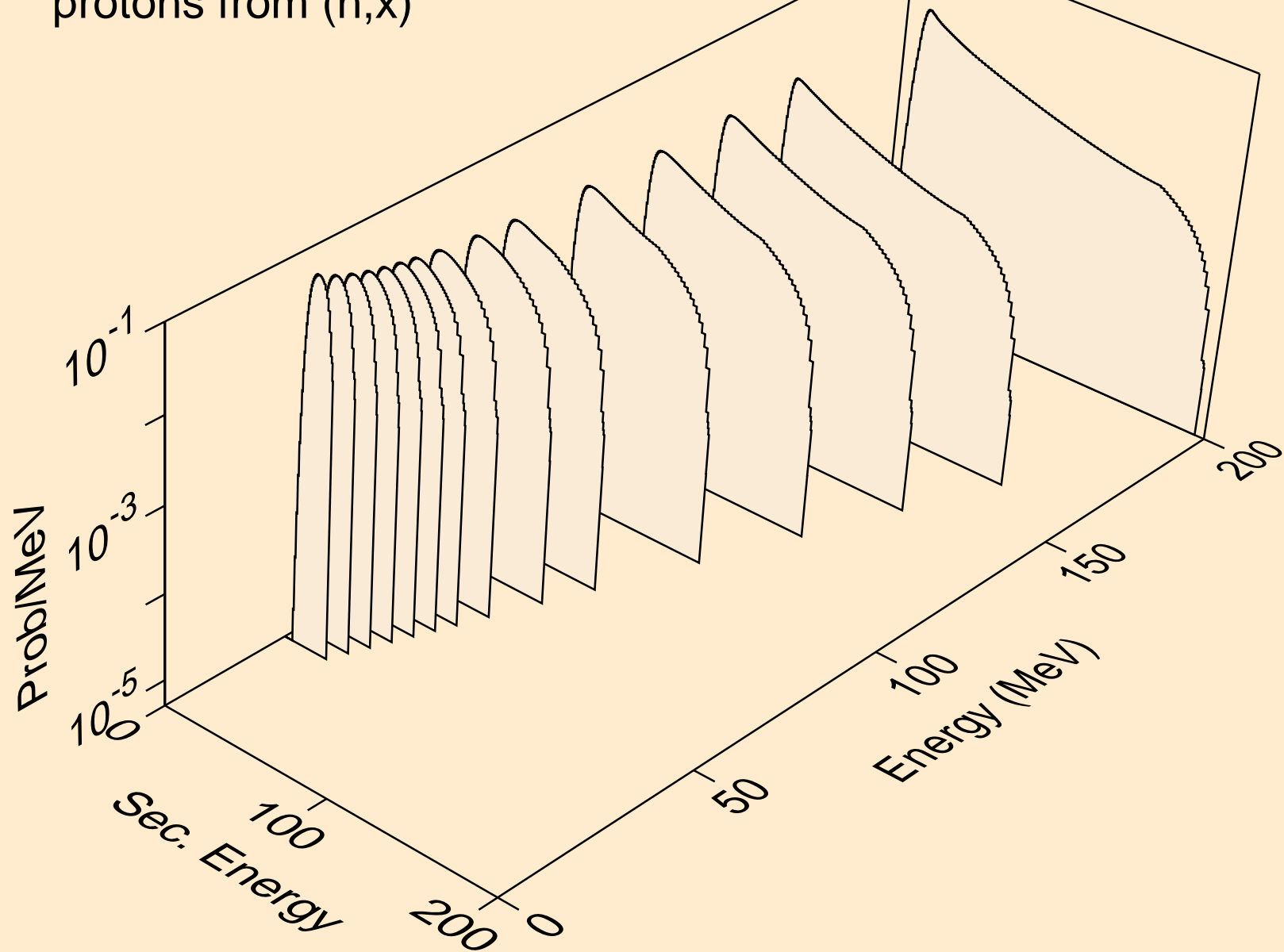


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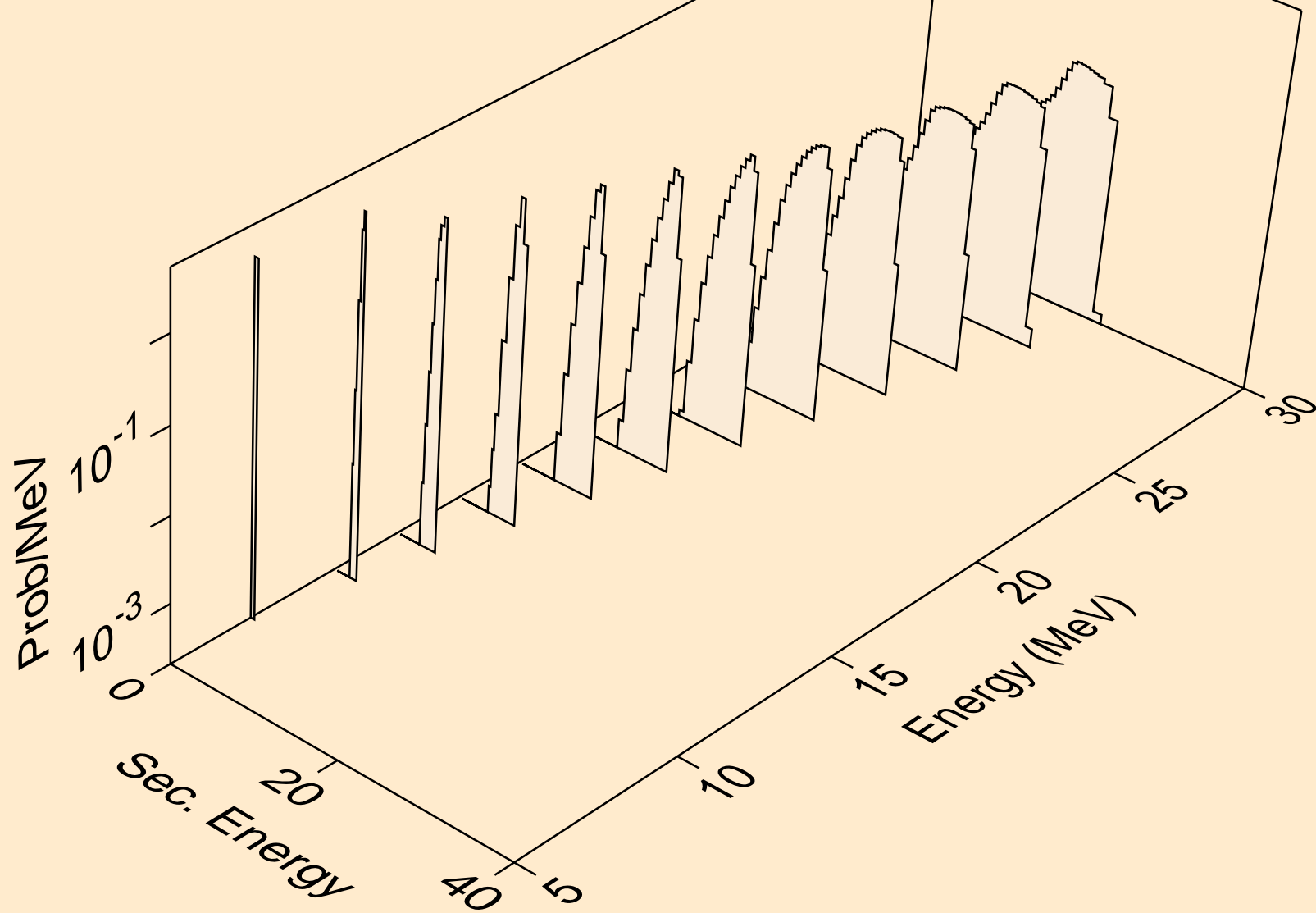
Particle production cross sections



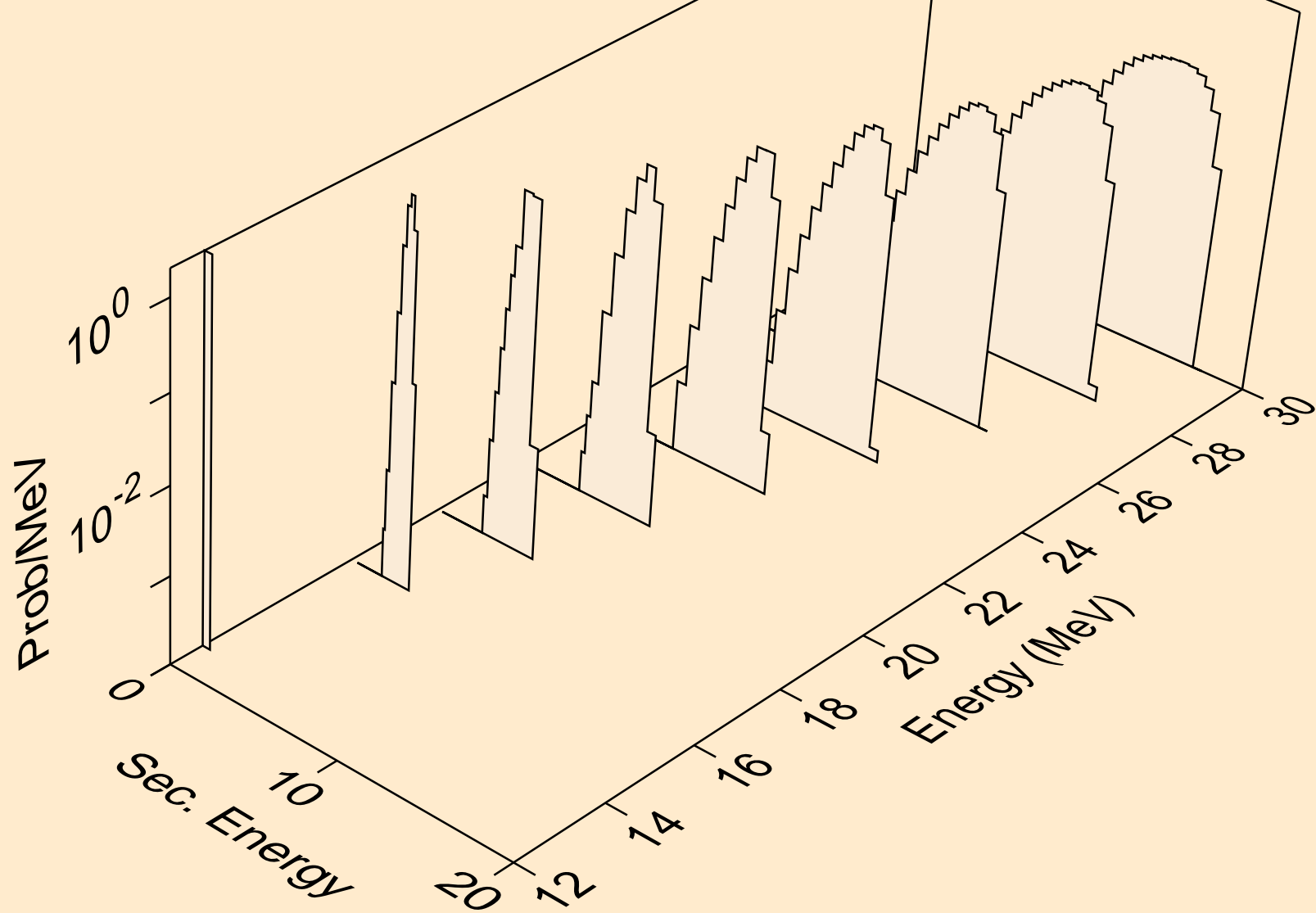
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



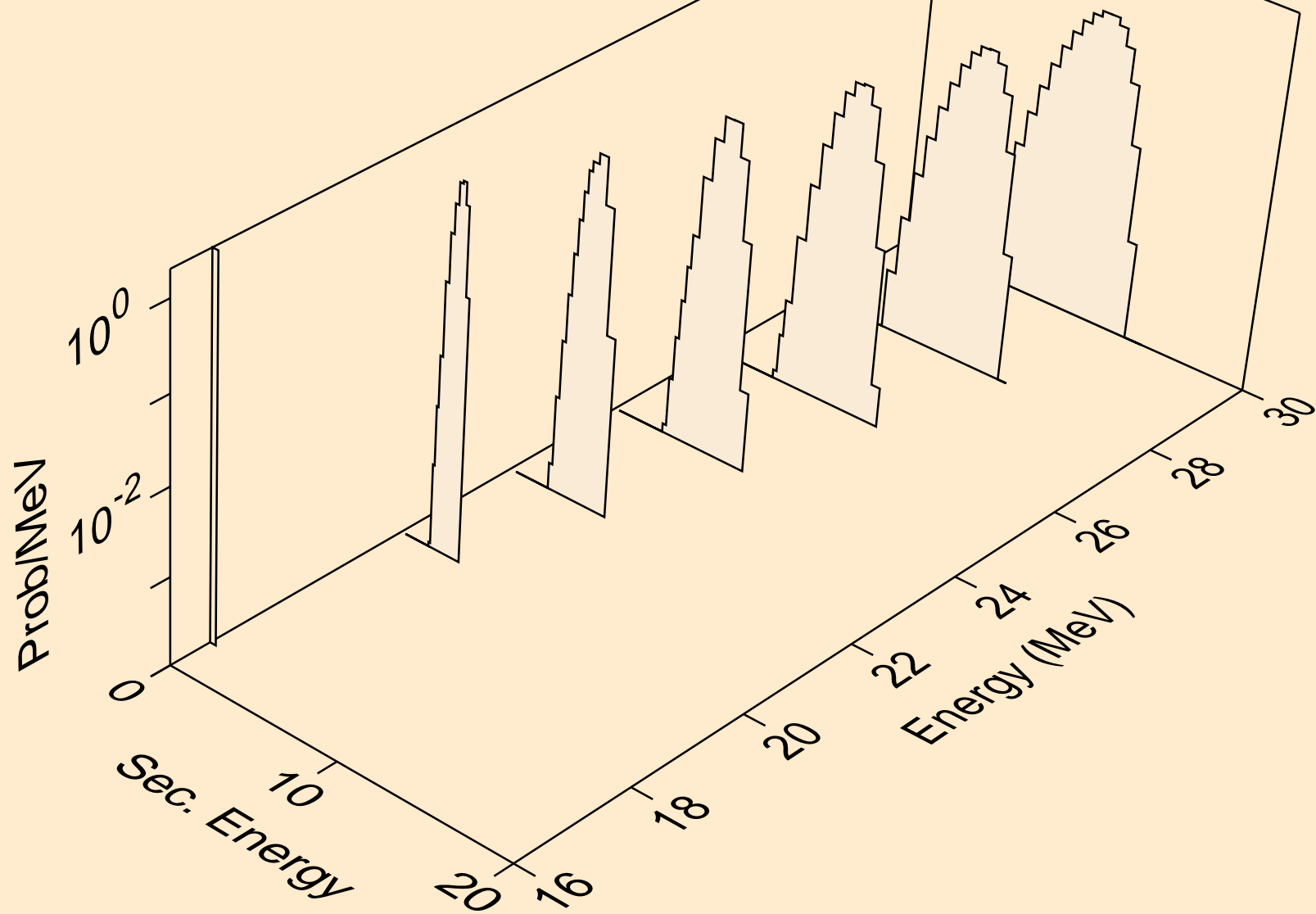
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



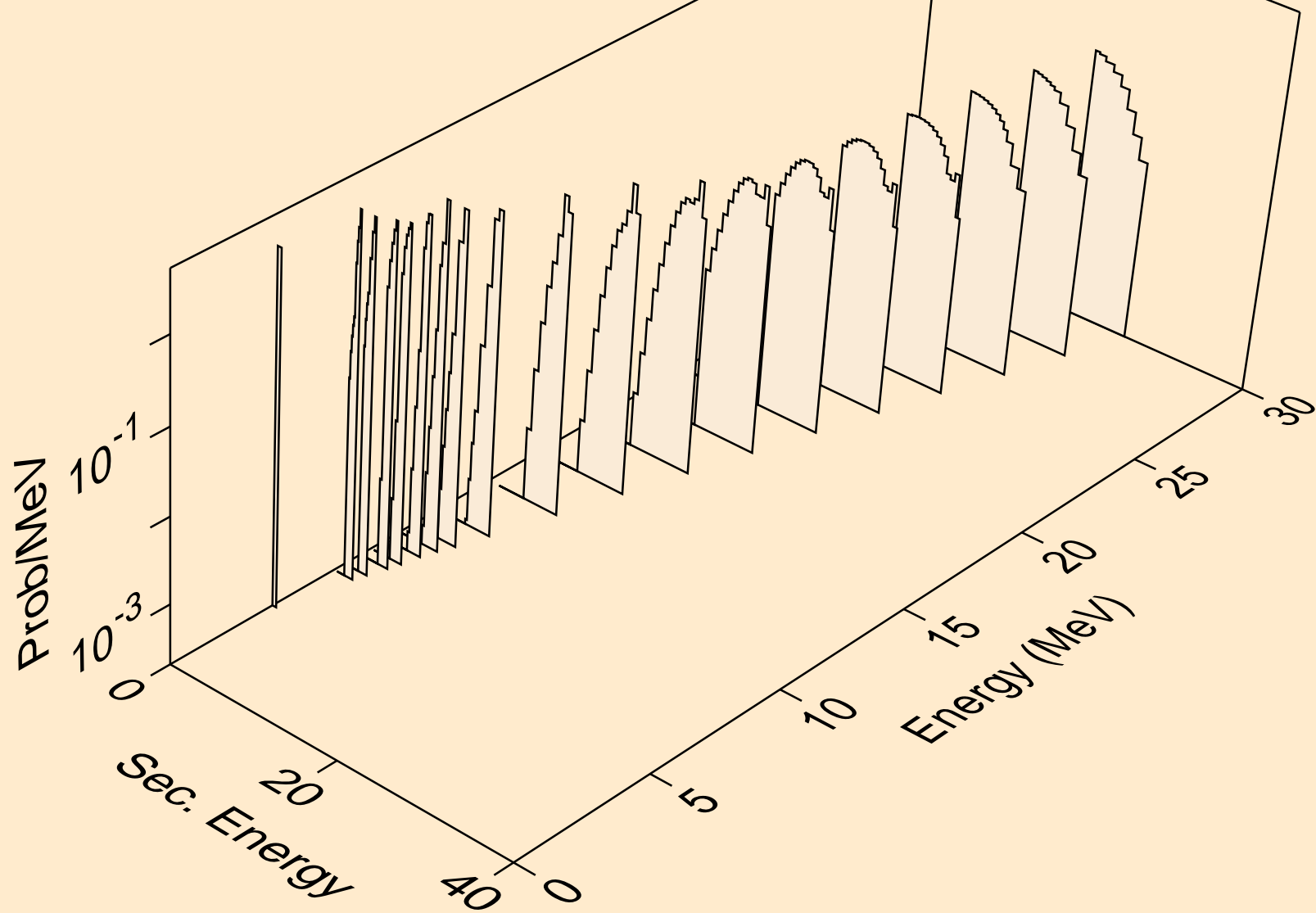
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



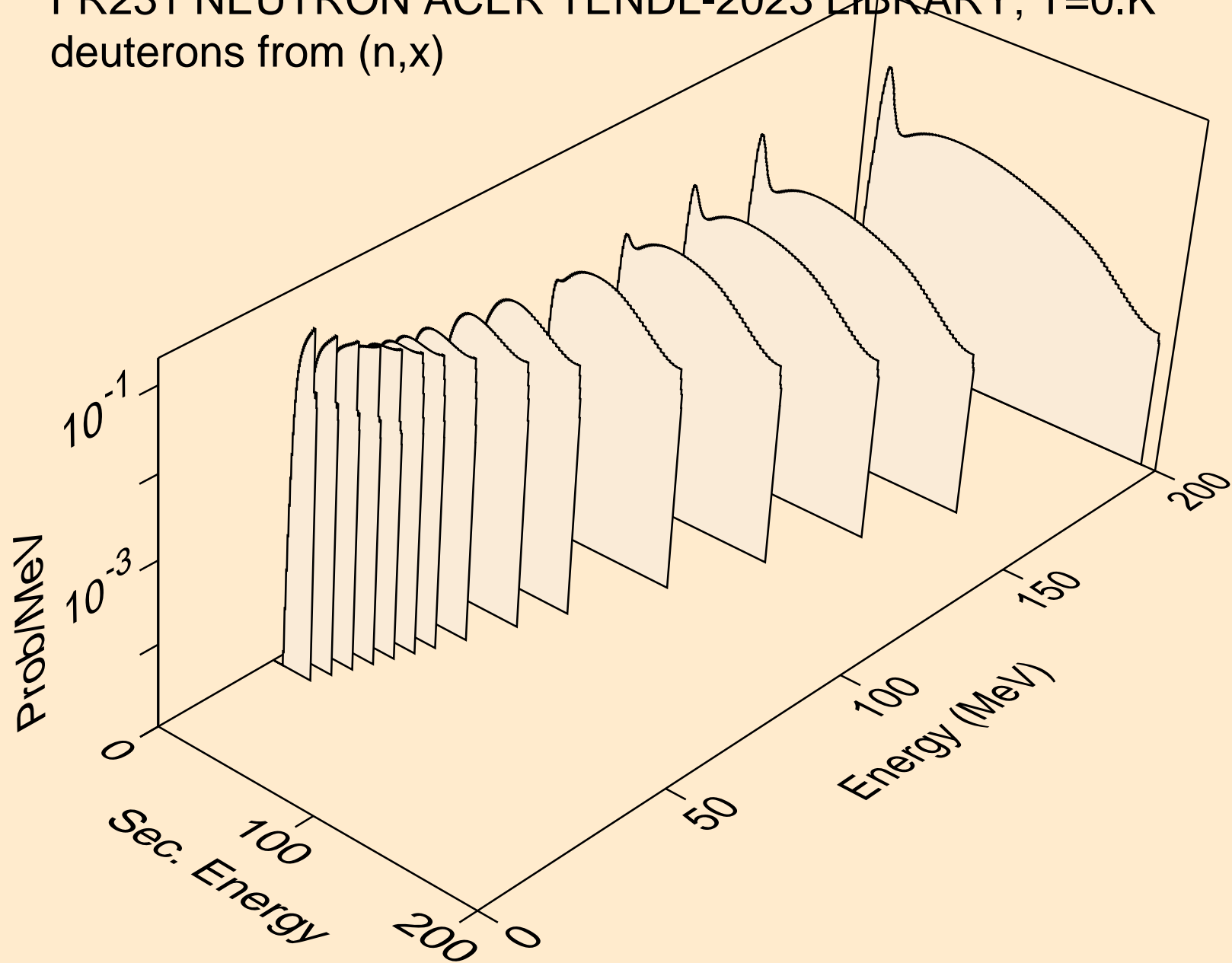
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protons from (n,3np)



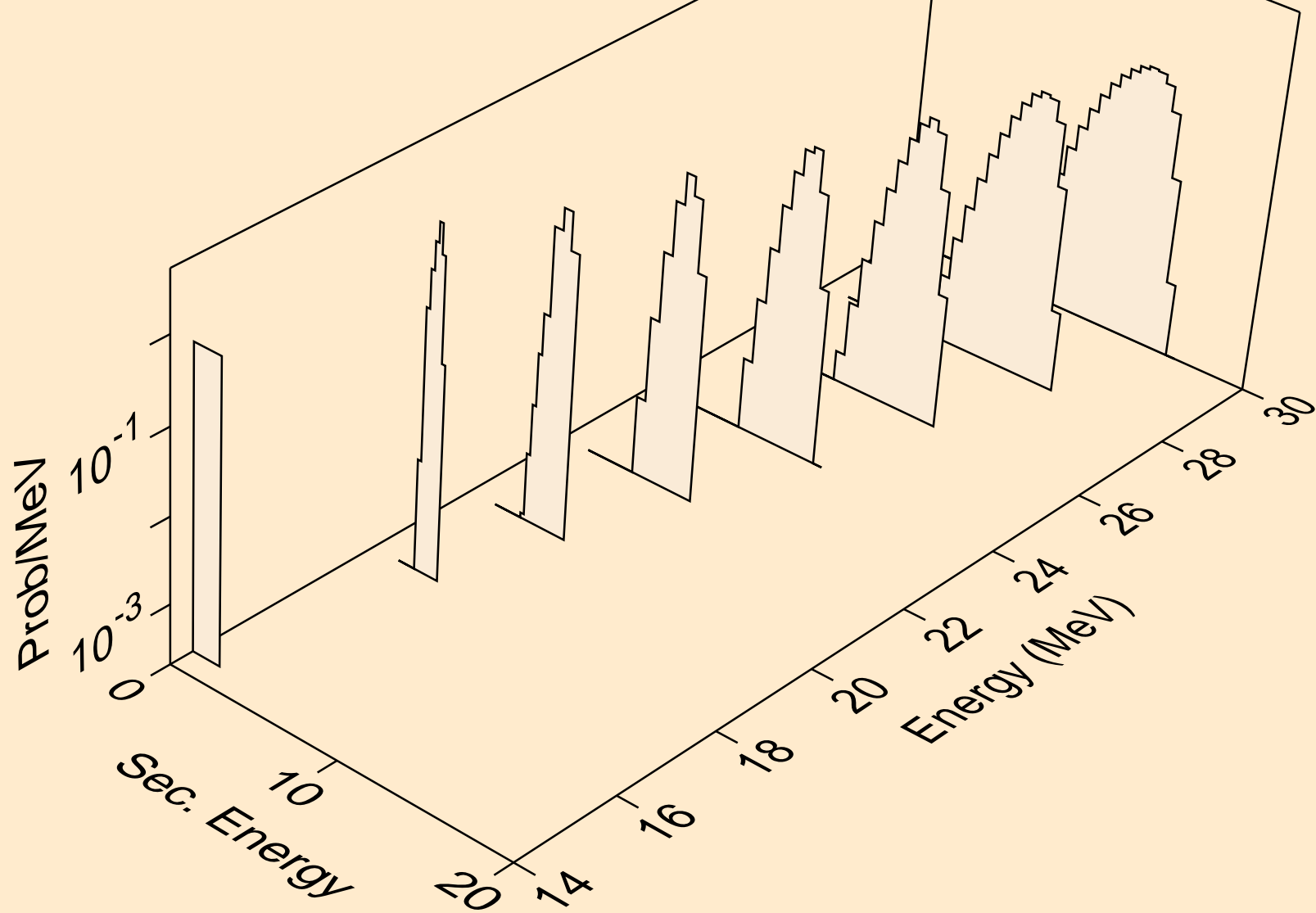
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protons from (n,p)



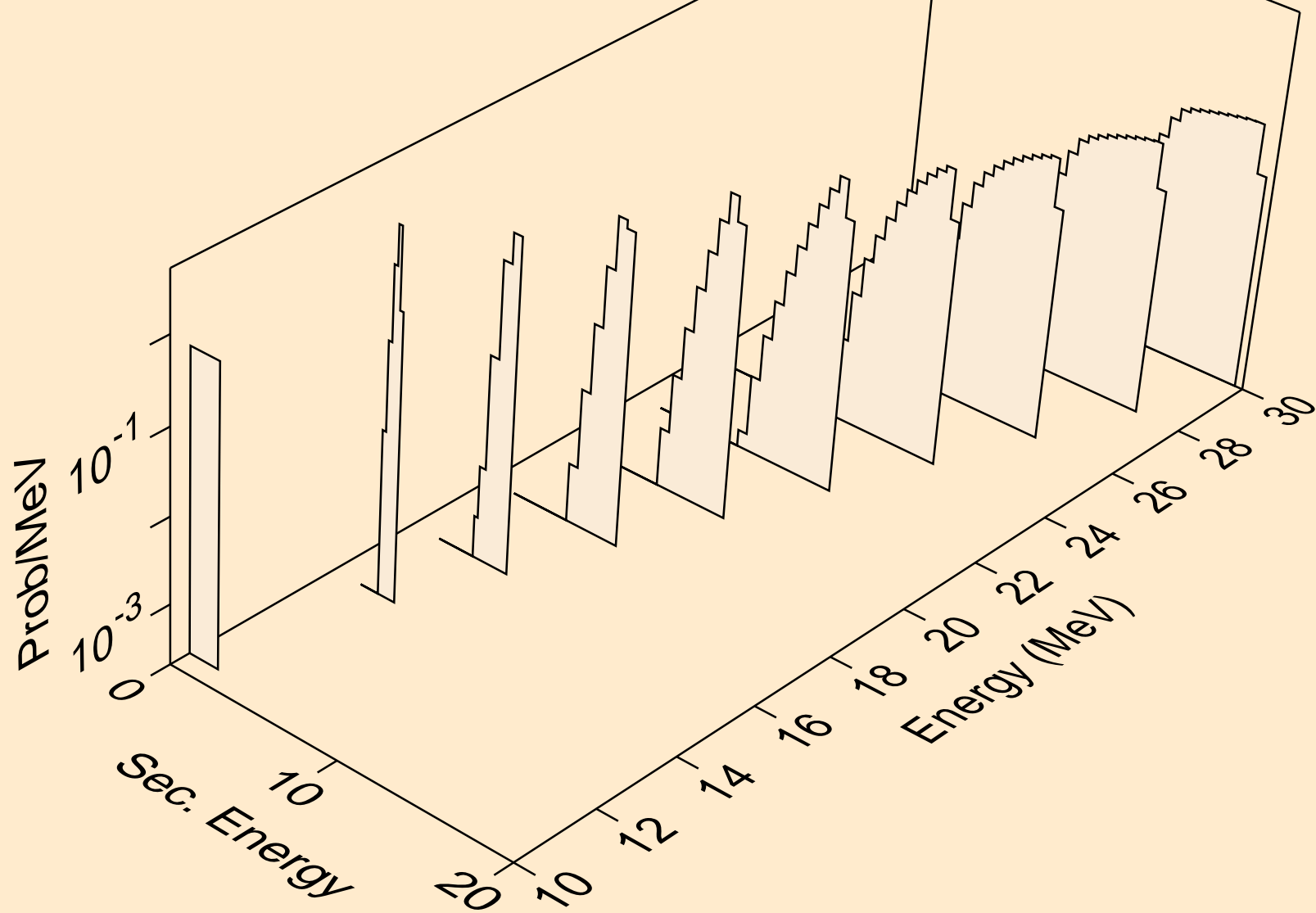
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



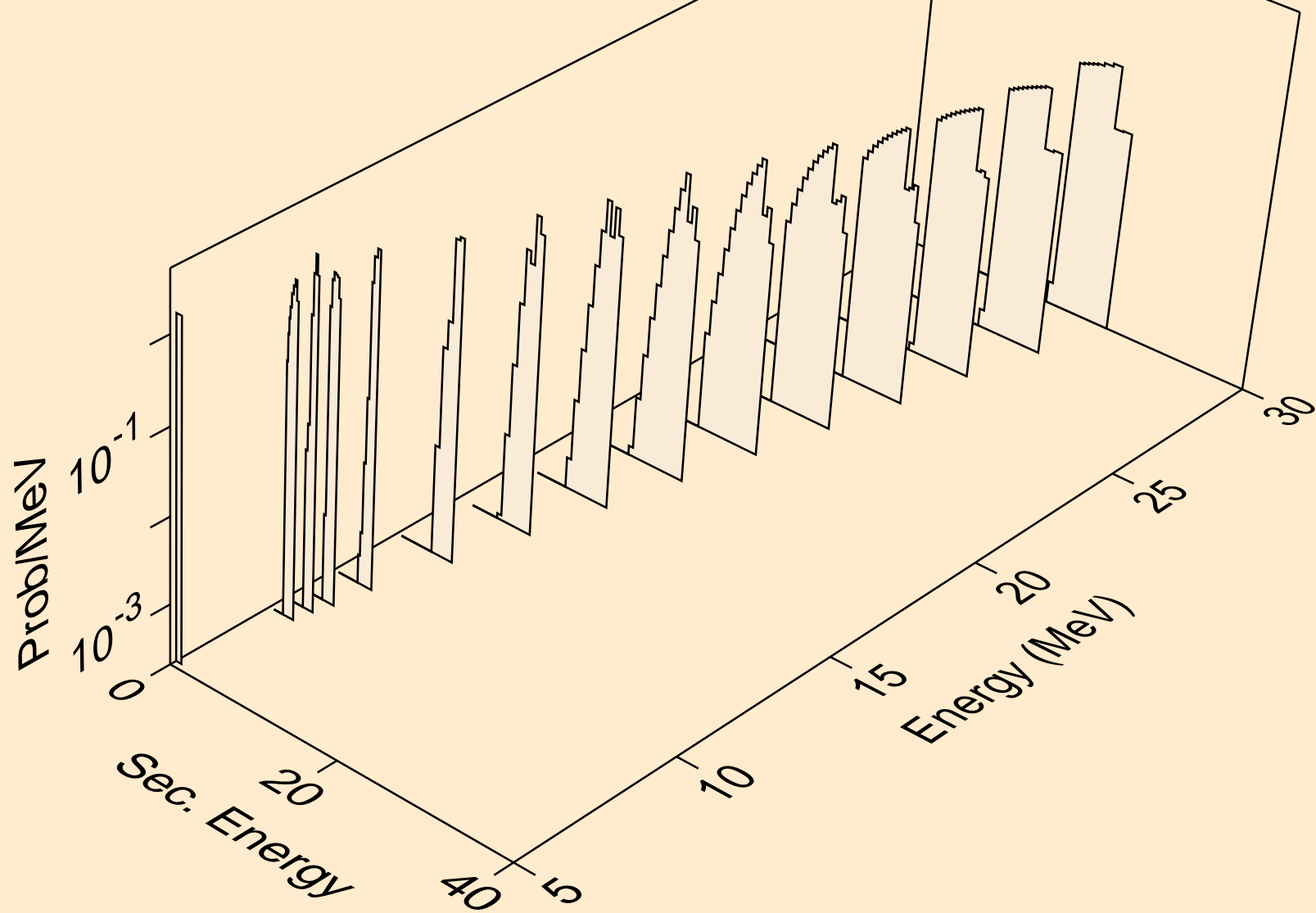
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deuterons from (n,2nd)



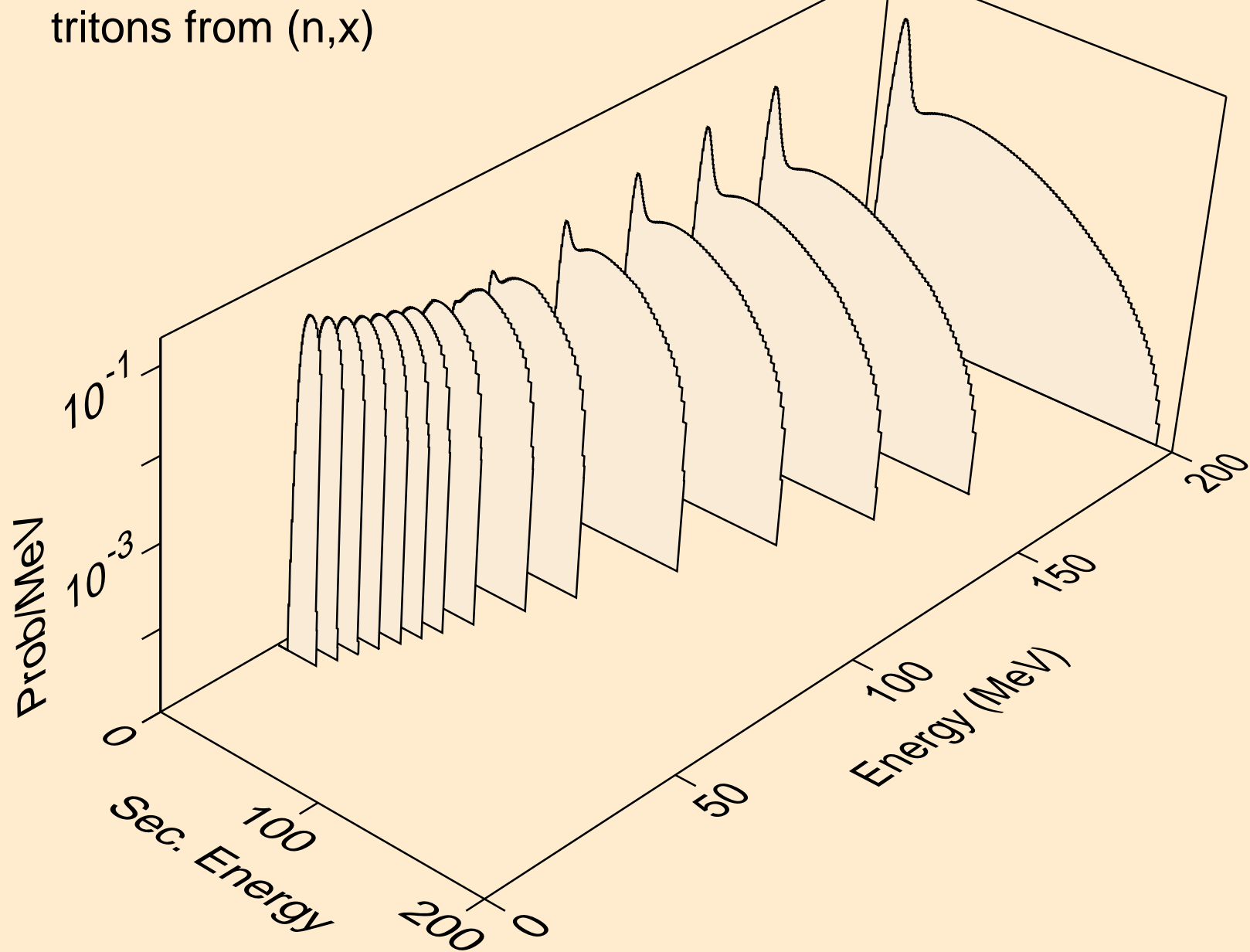
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



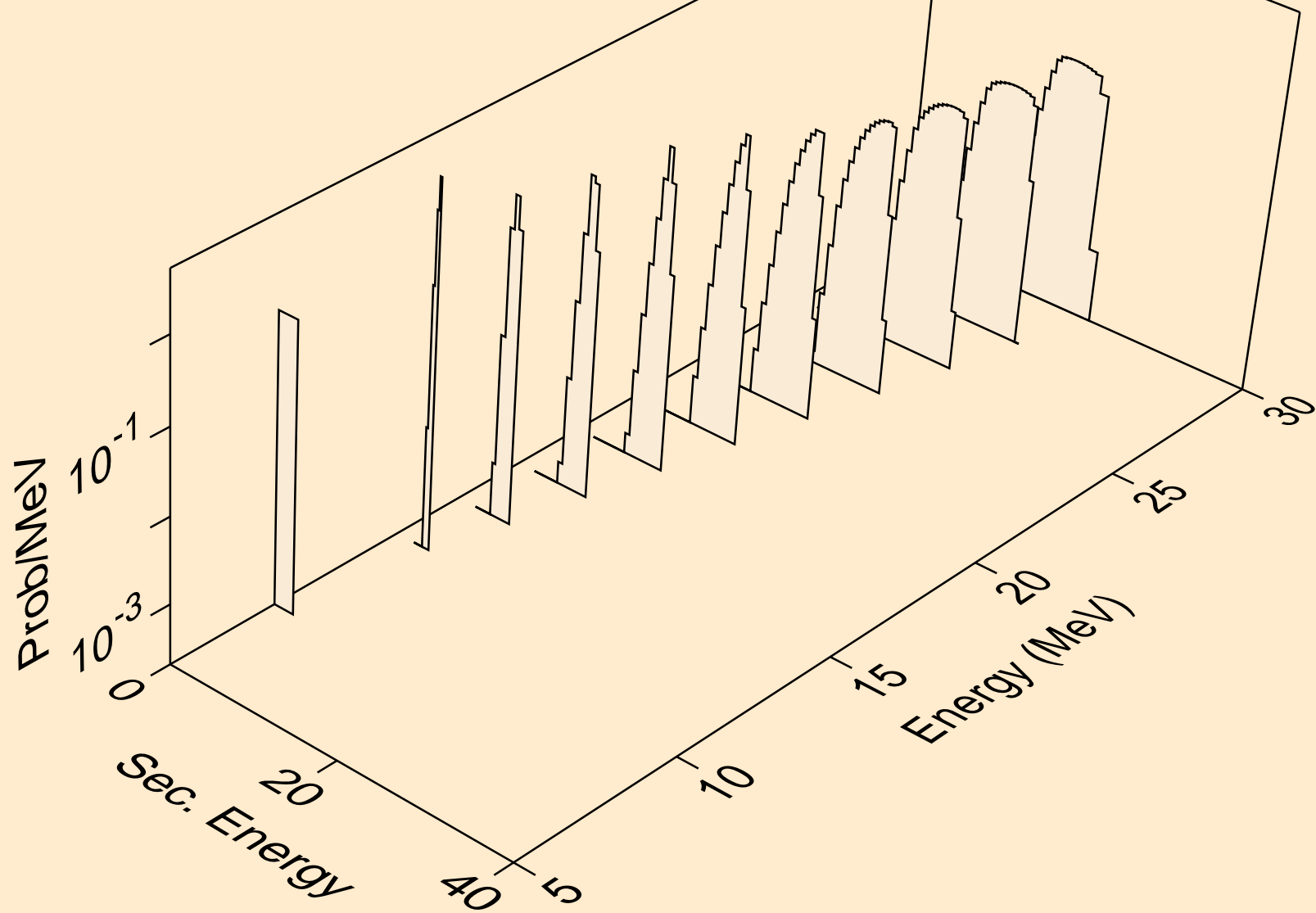
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deuterons from (n,d)



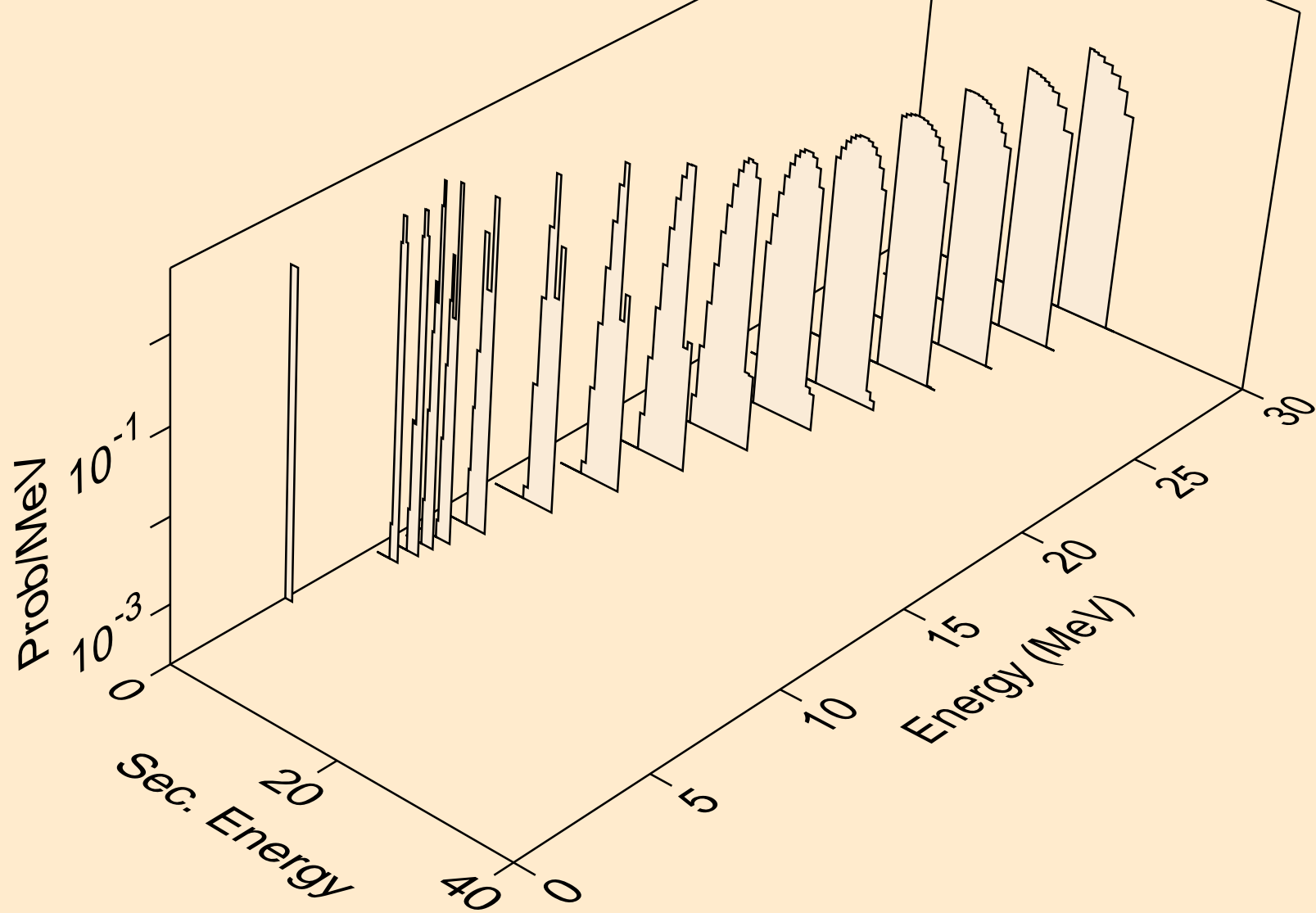
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



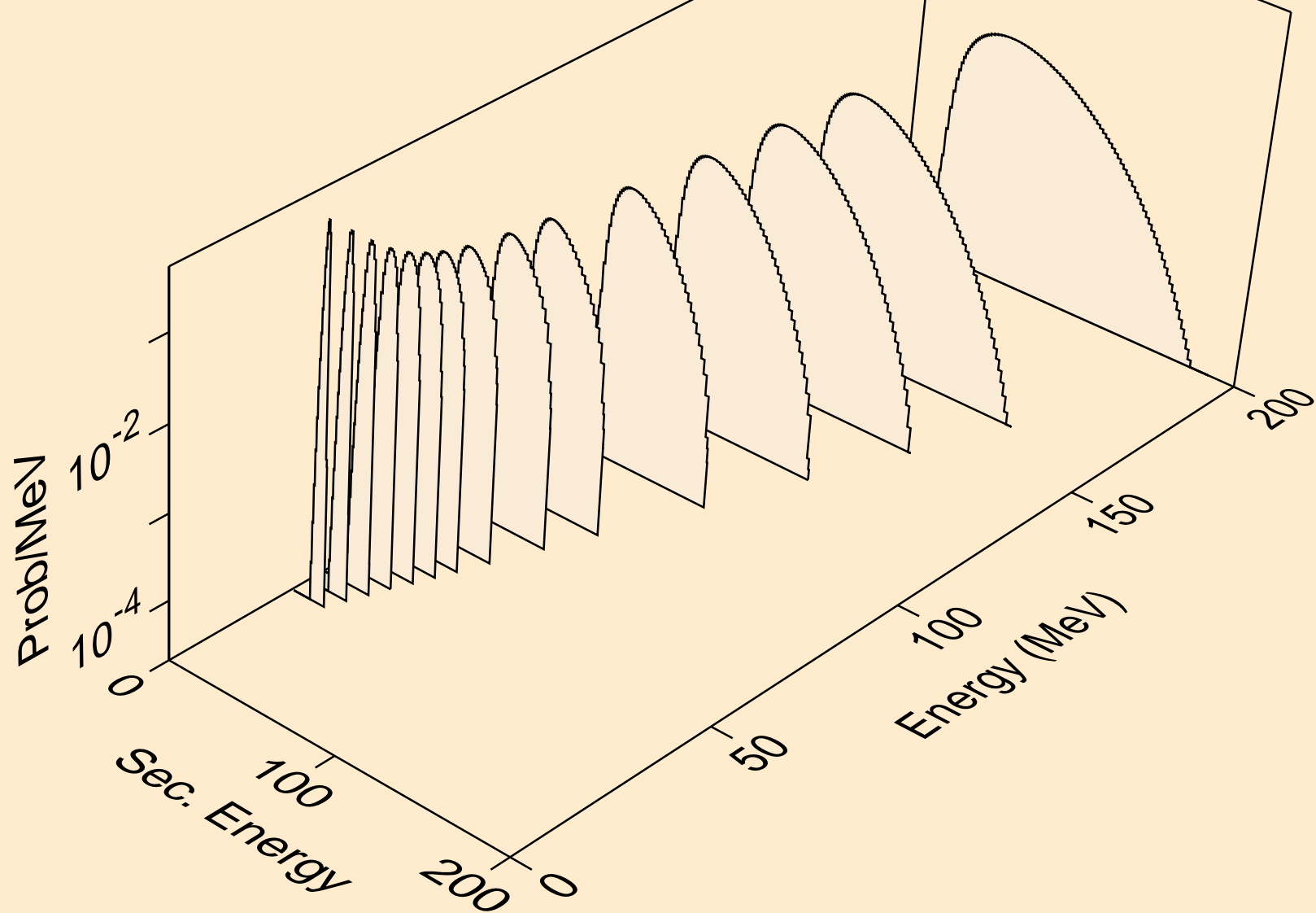
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



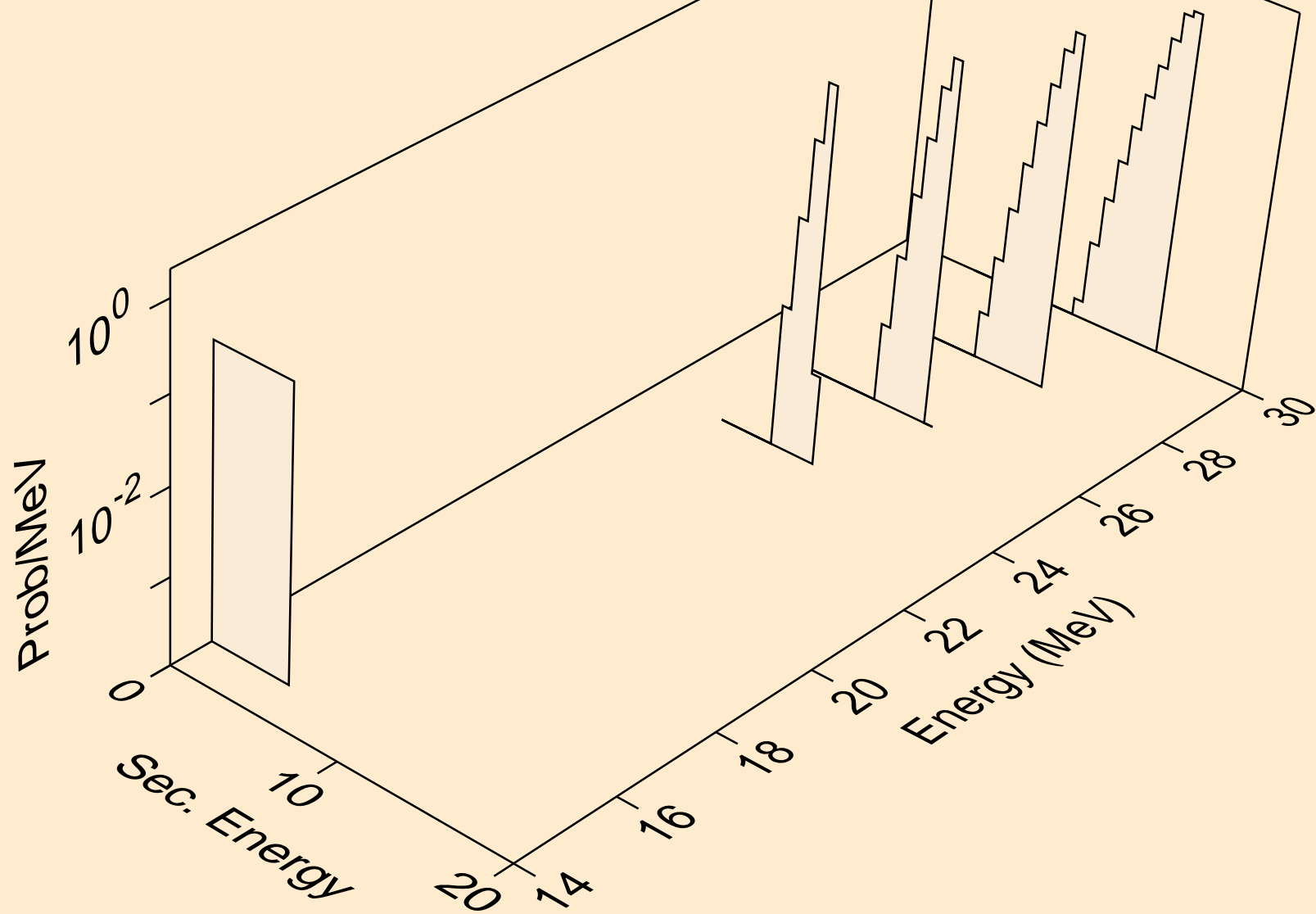
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,t)



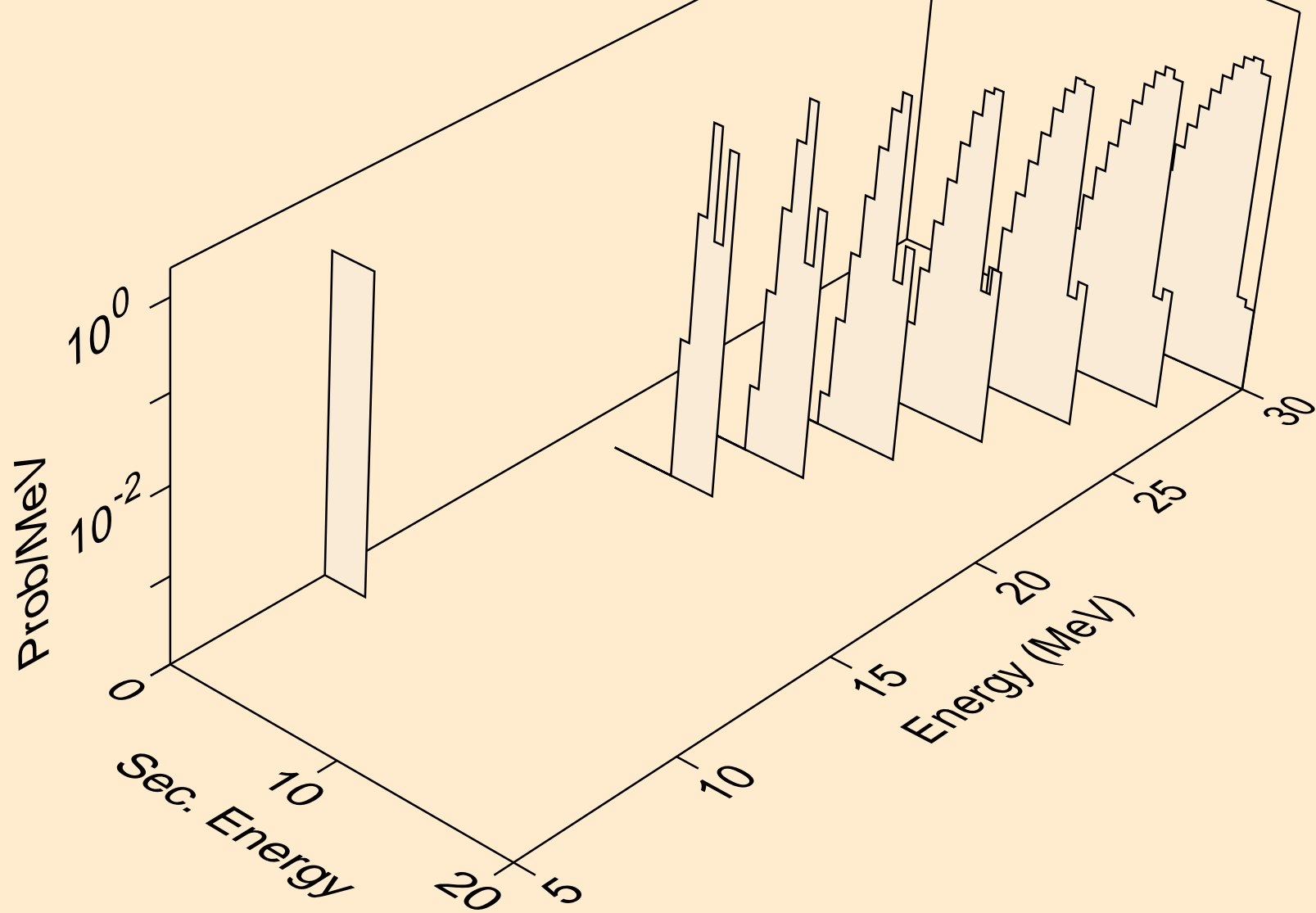
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



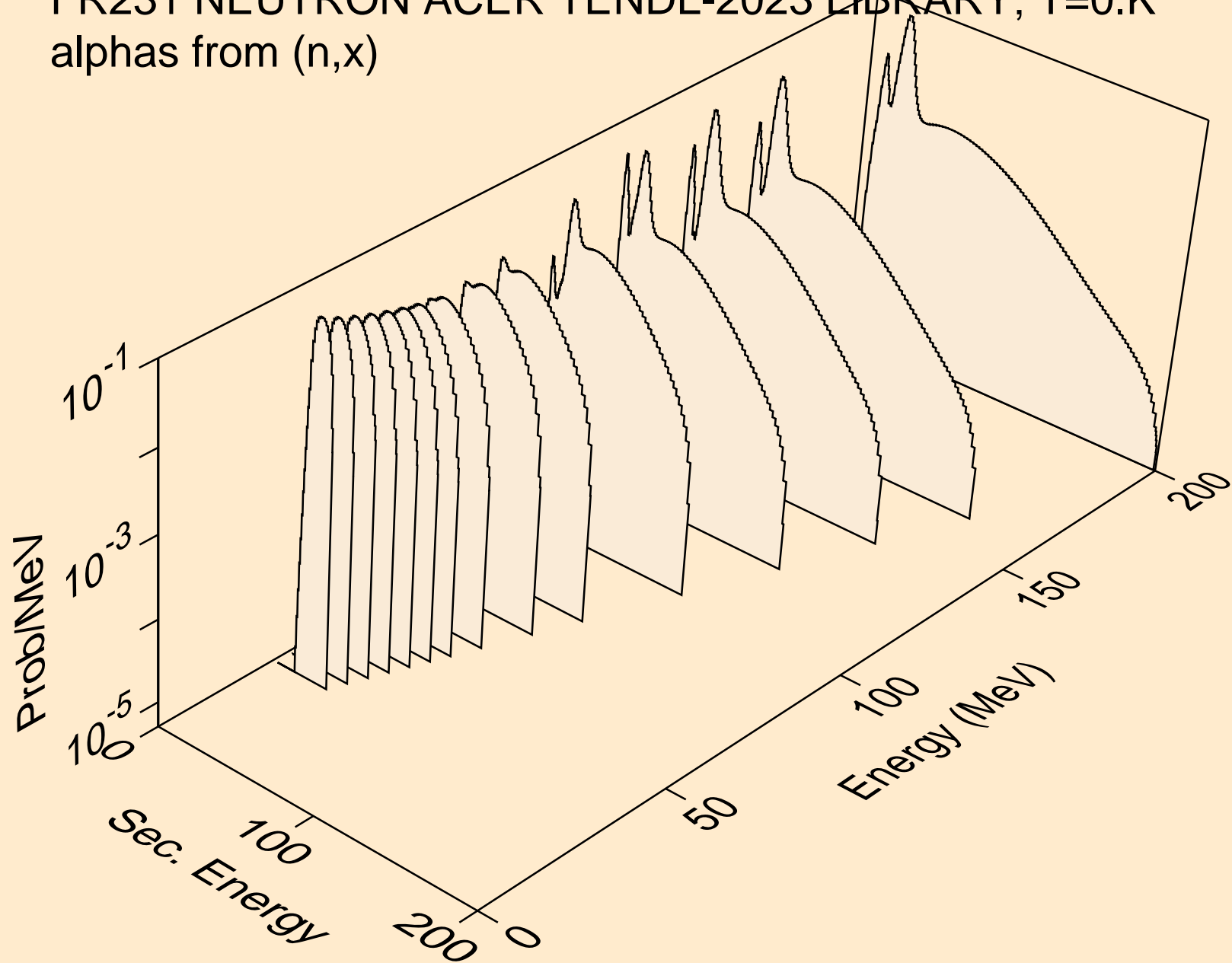
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



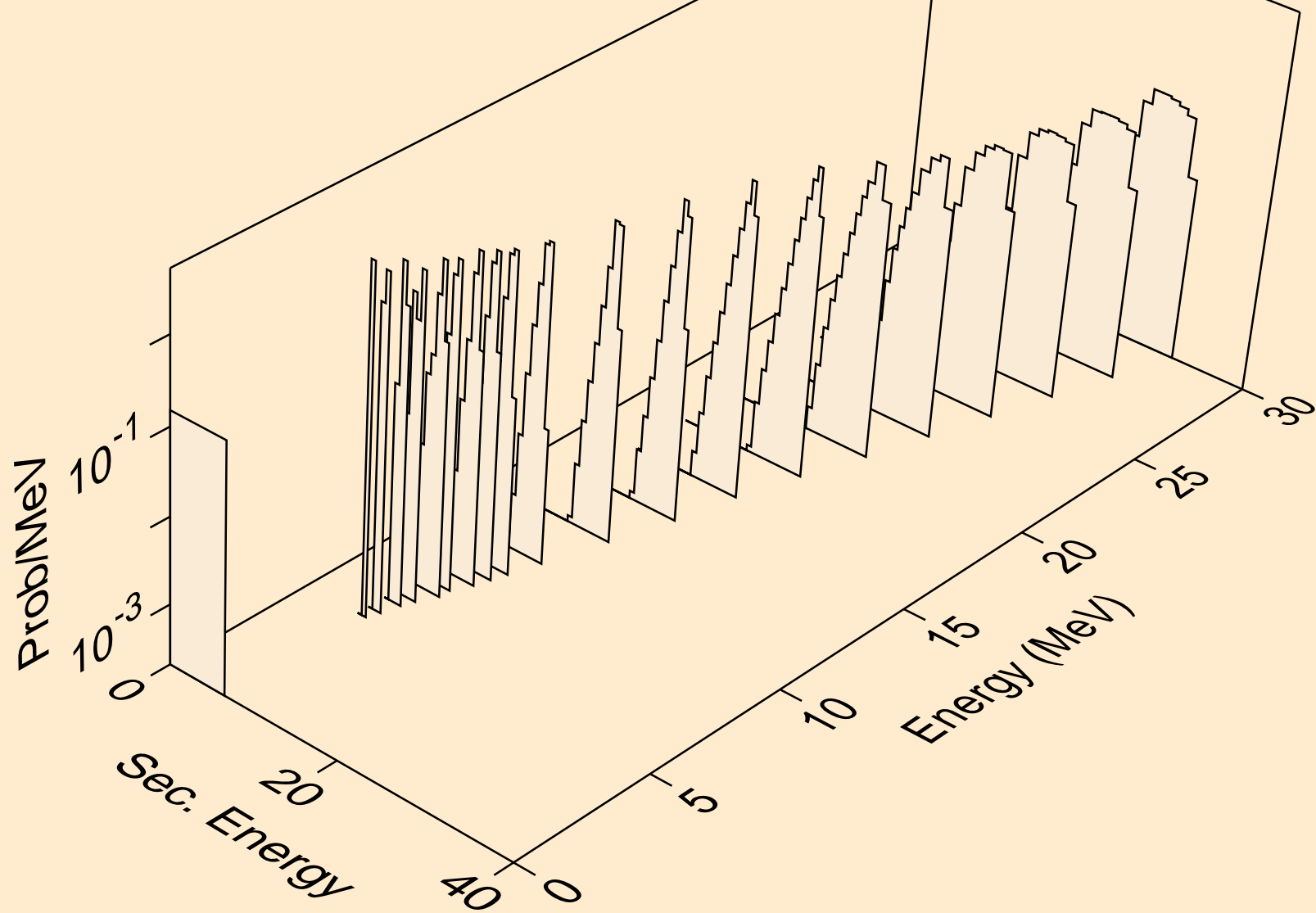
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



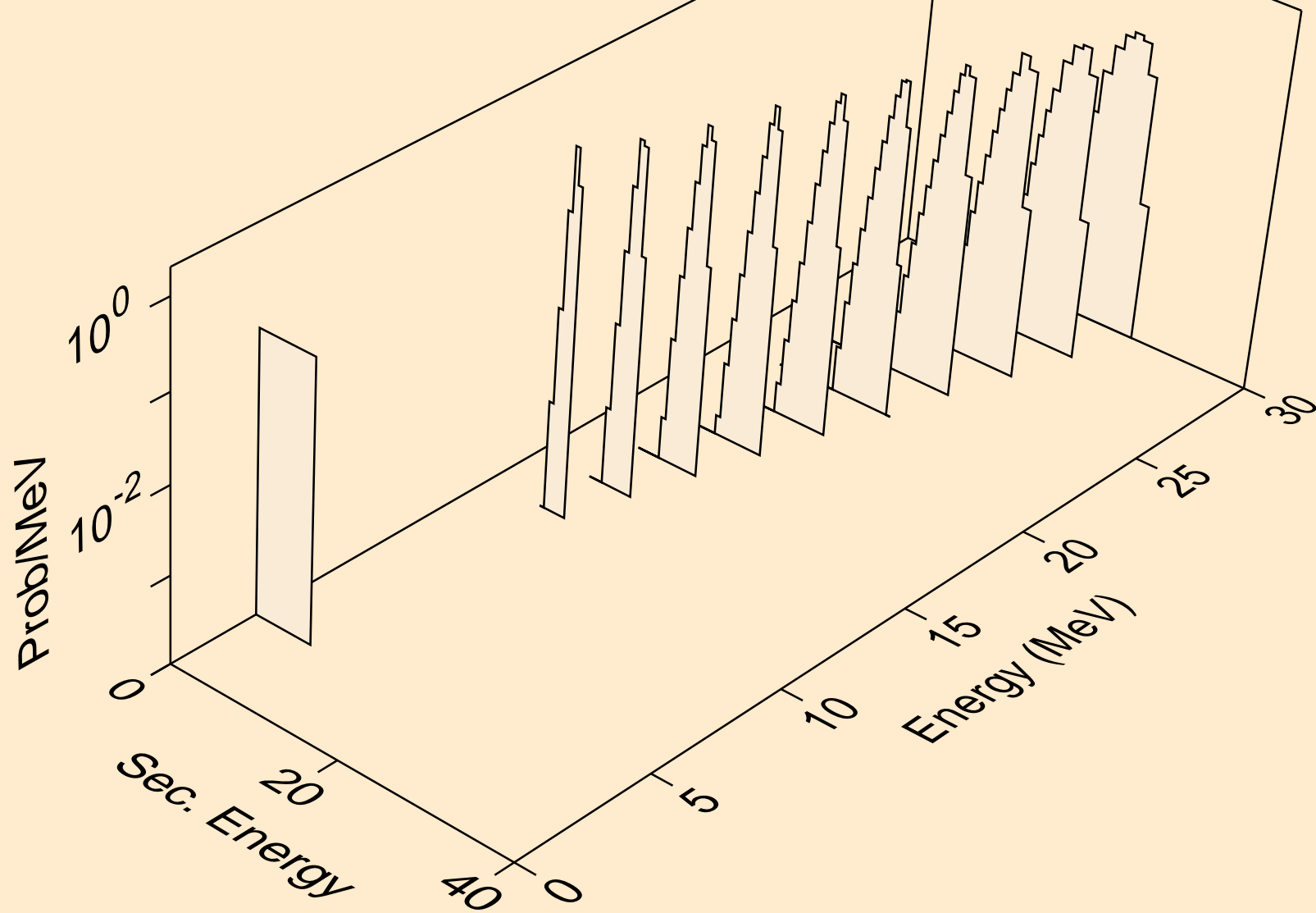
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



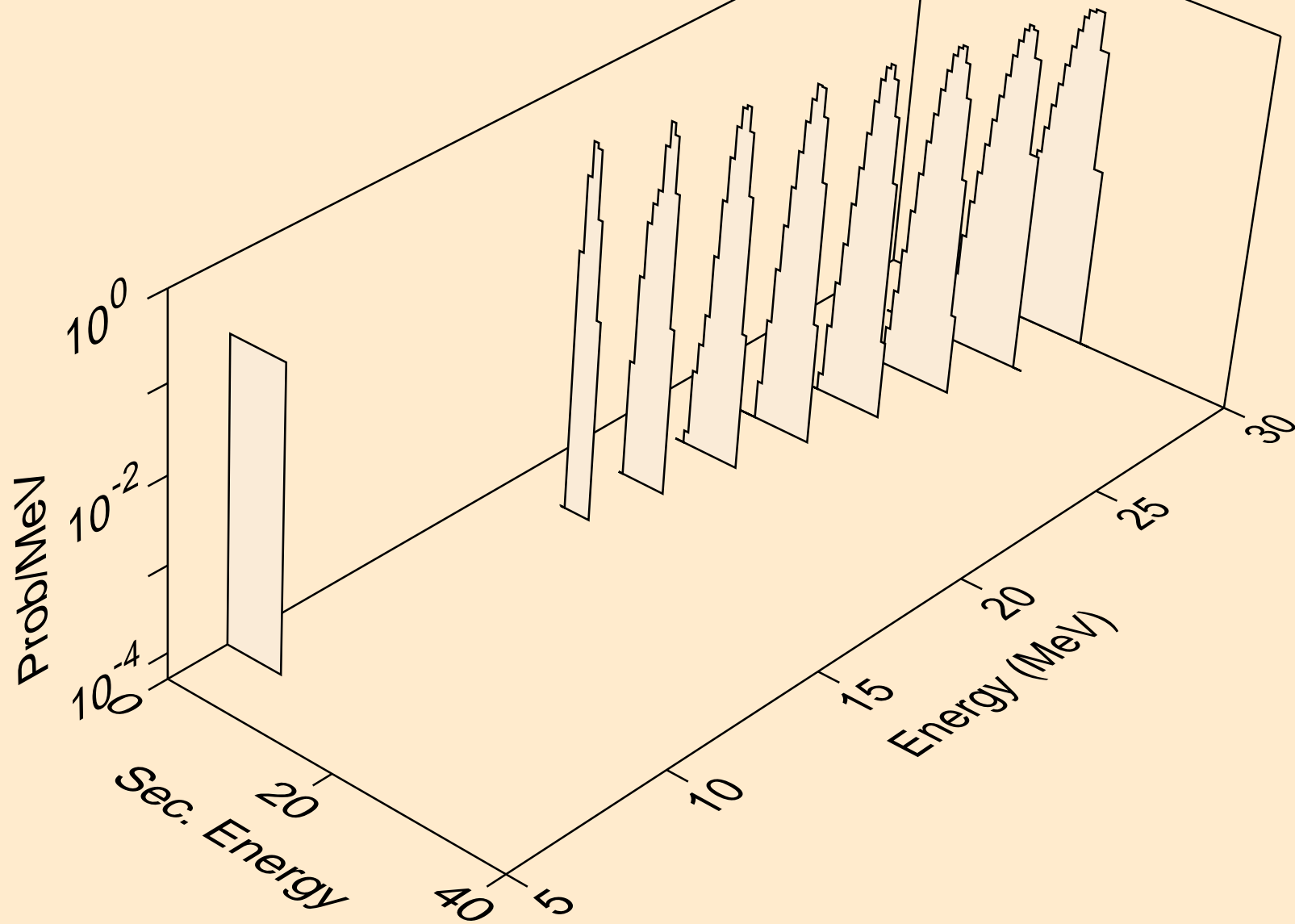
FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



FR231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)

