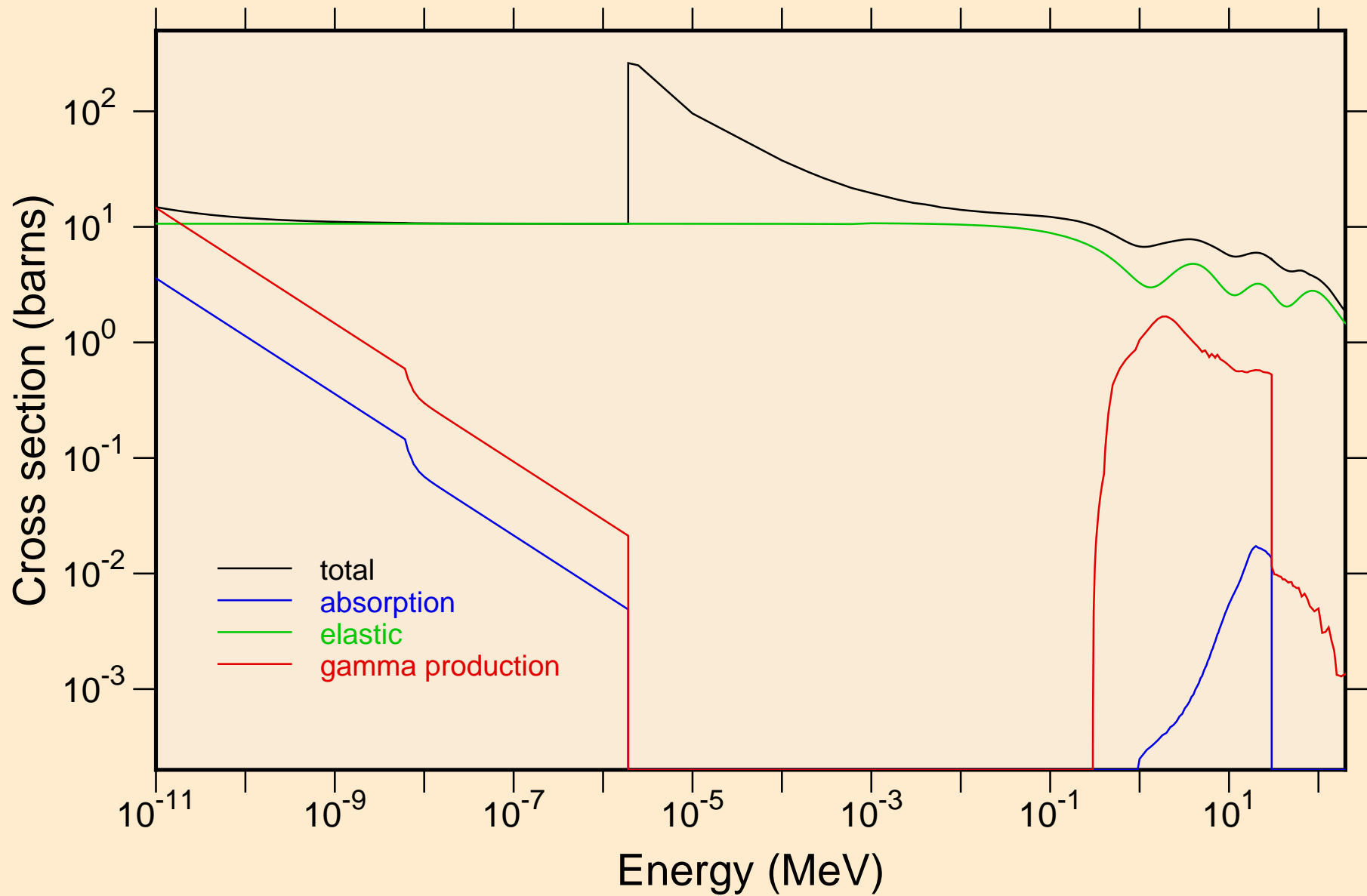


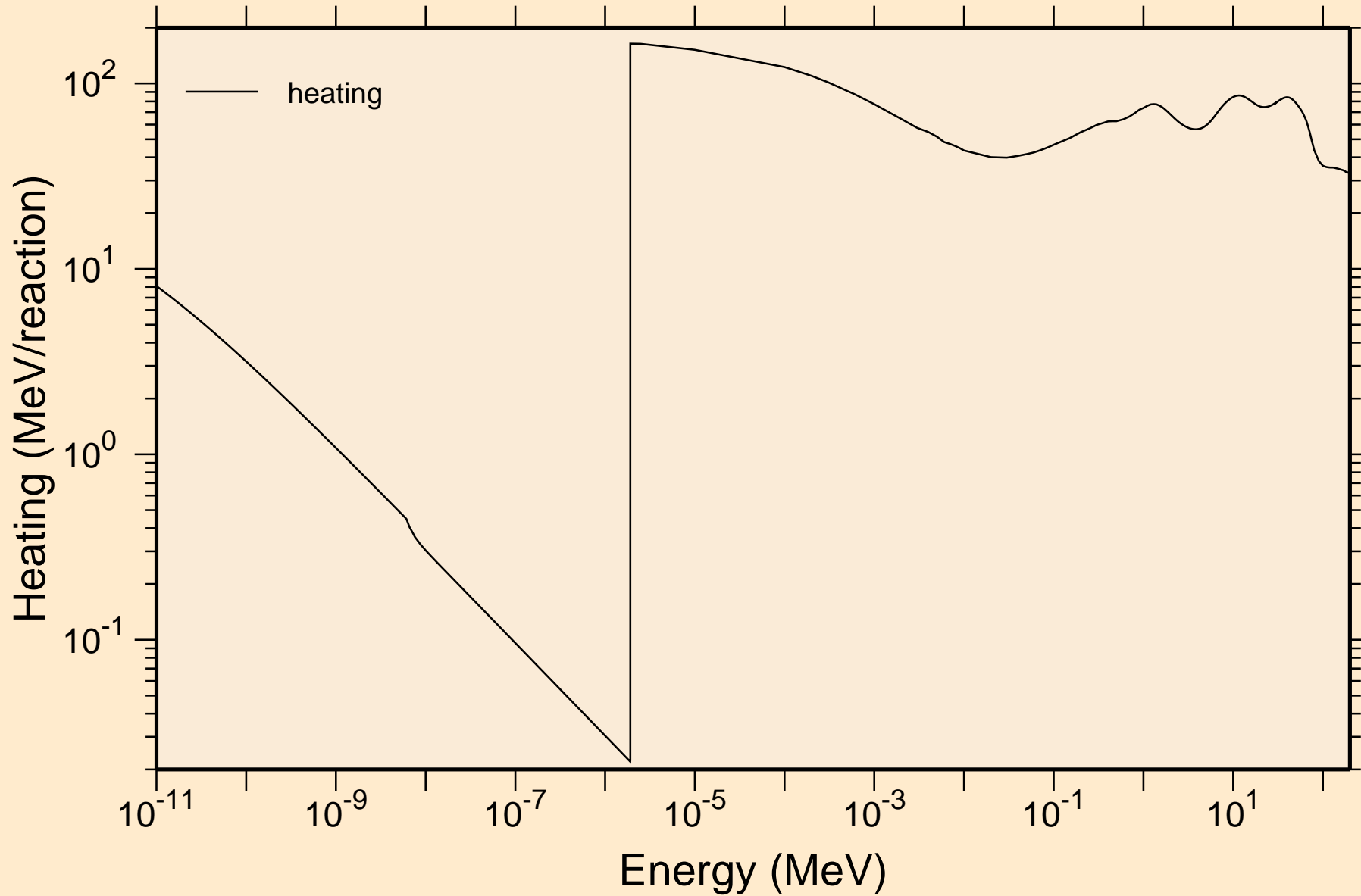
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



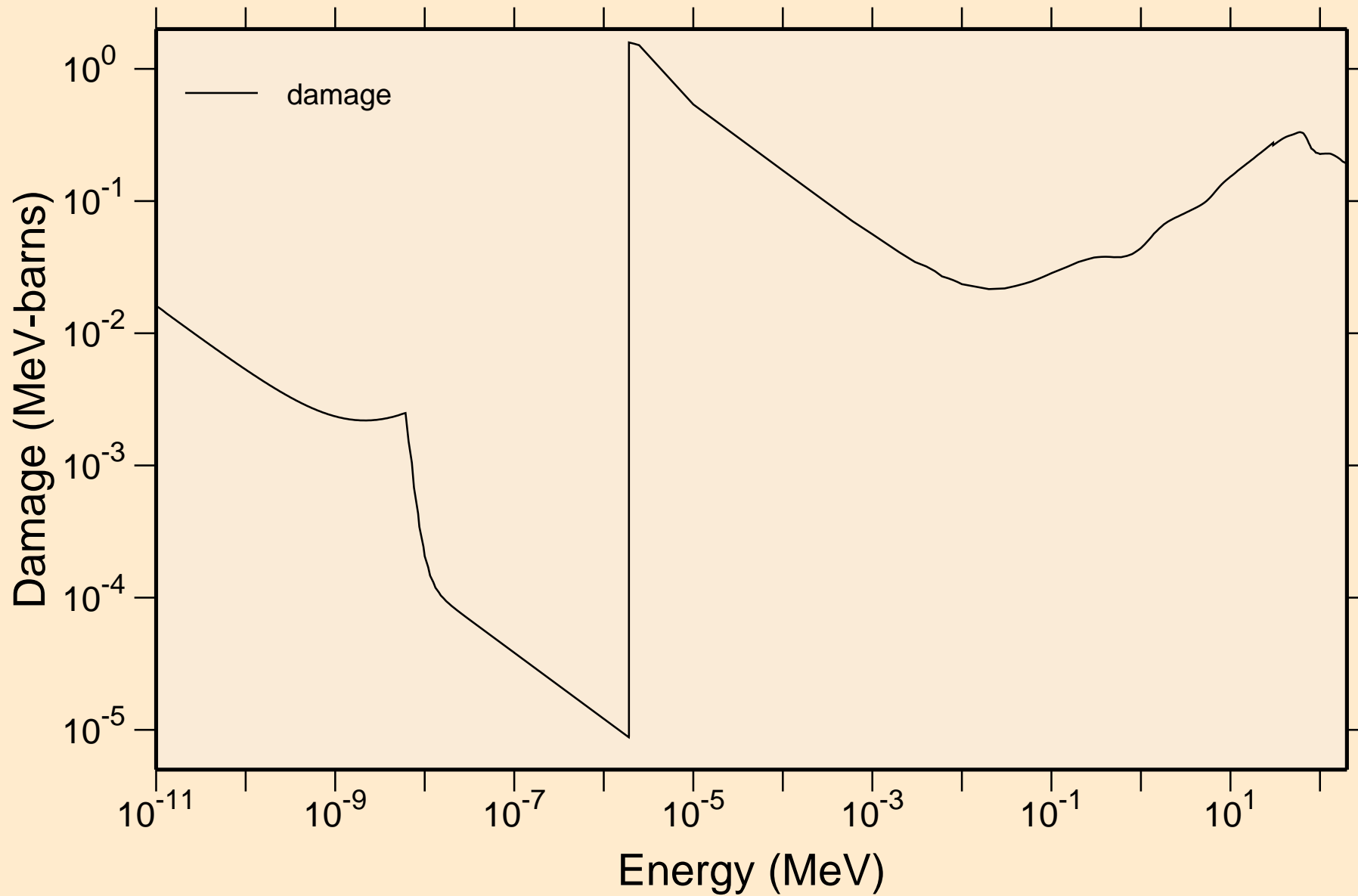
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



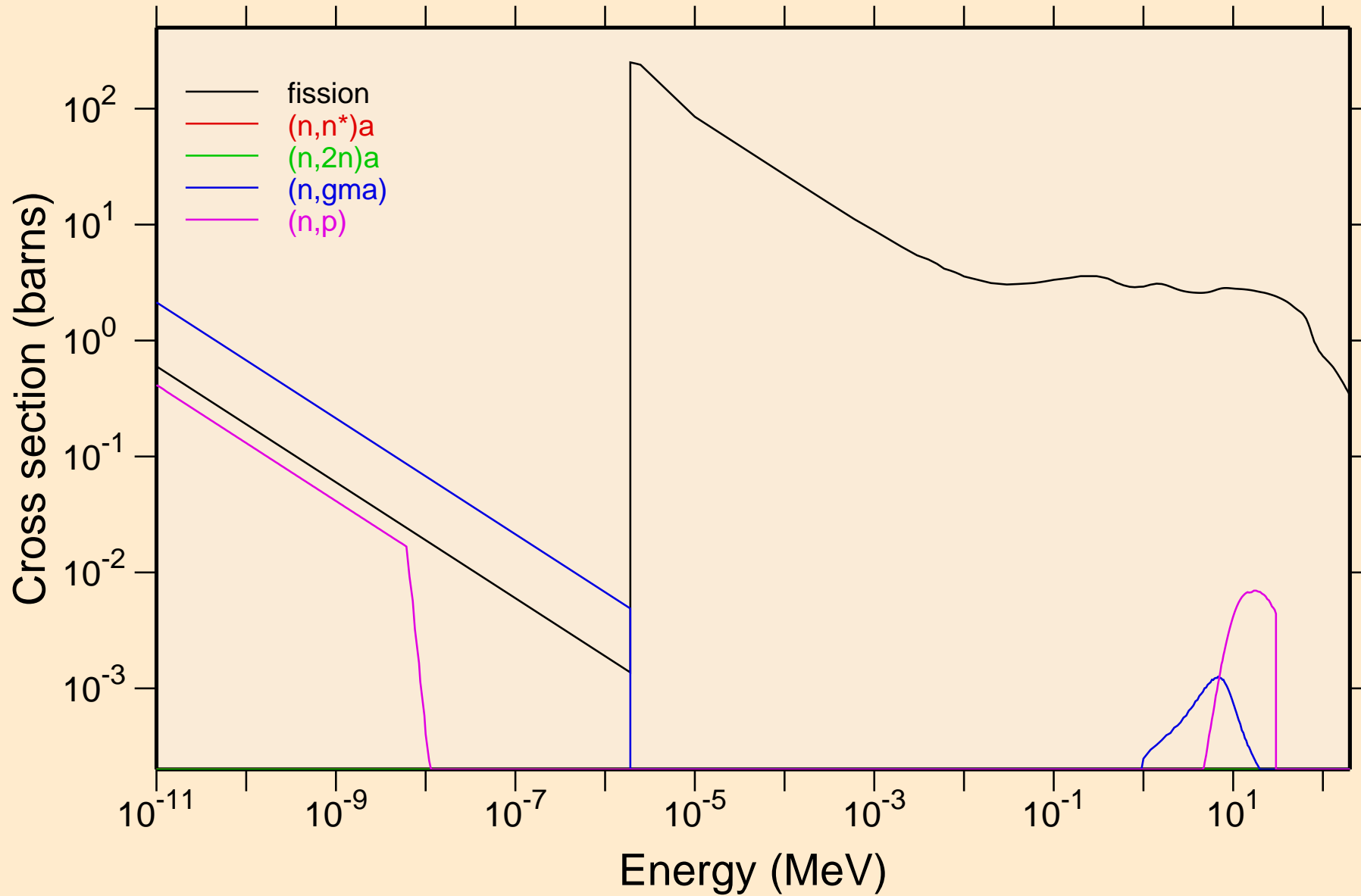
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

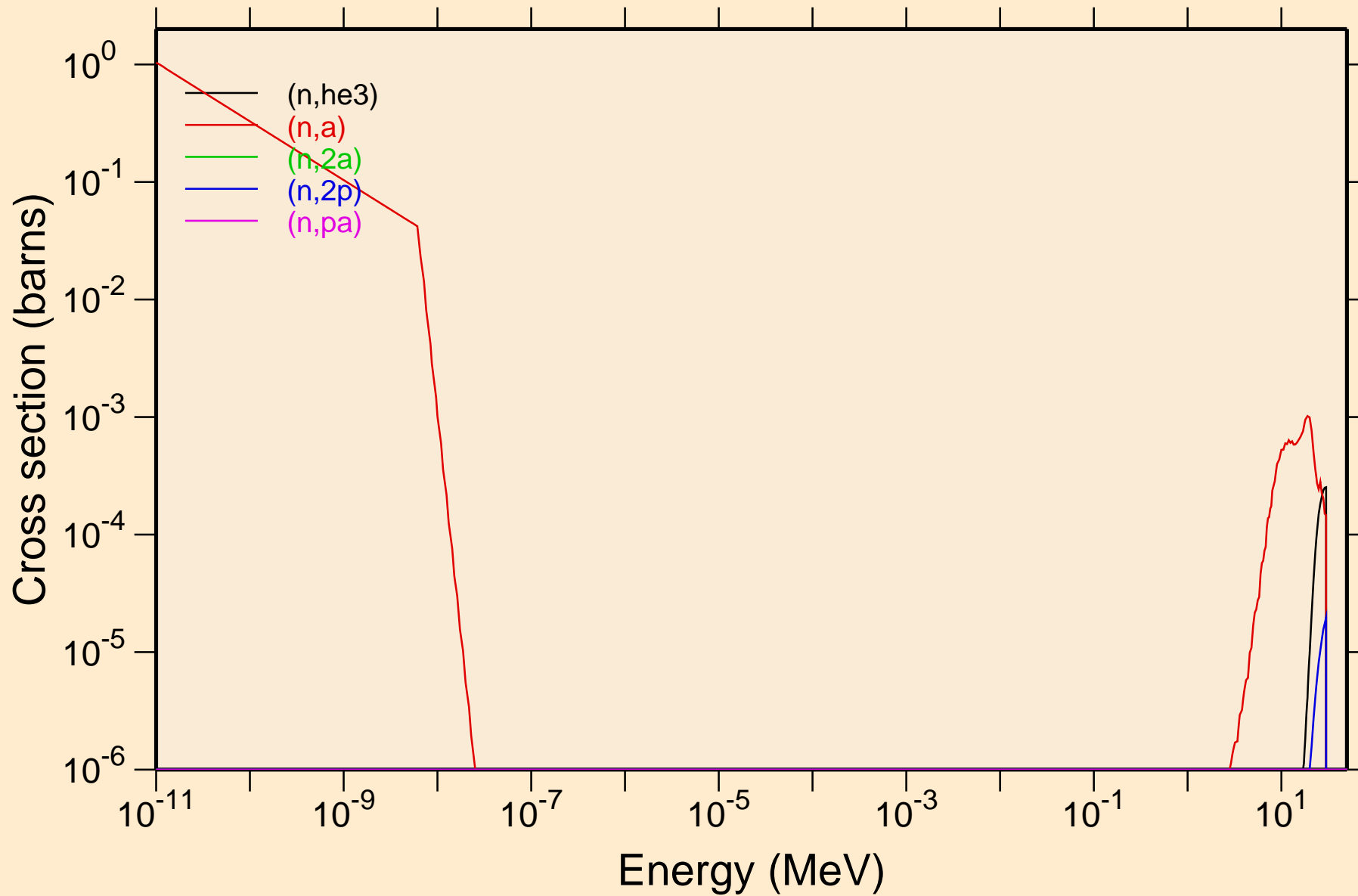


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

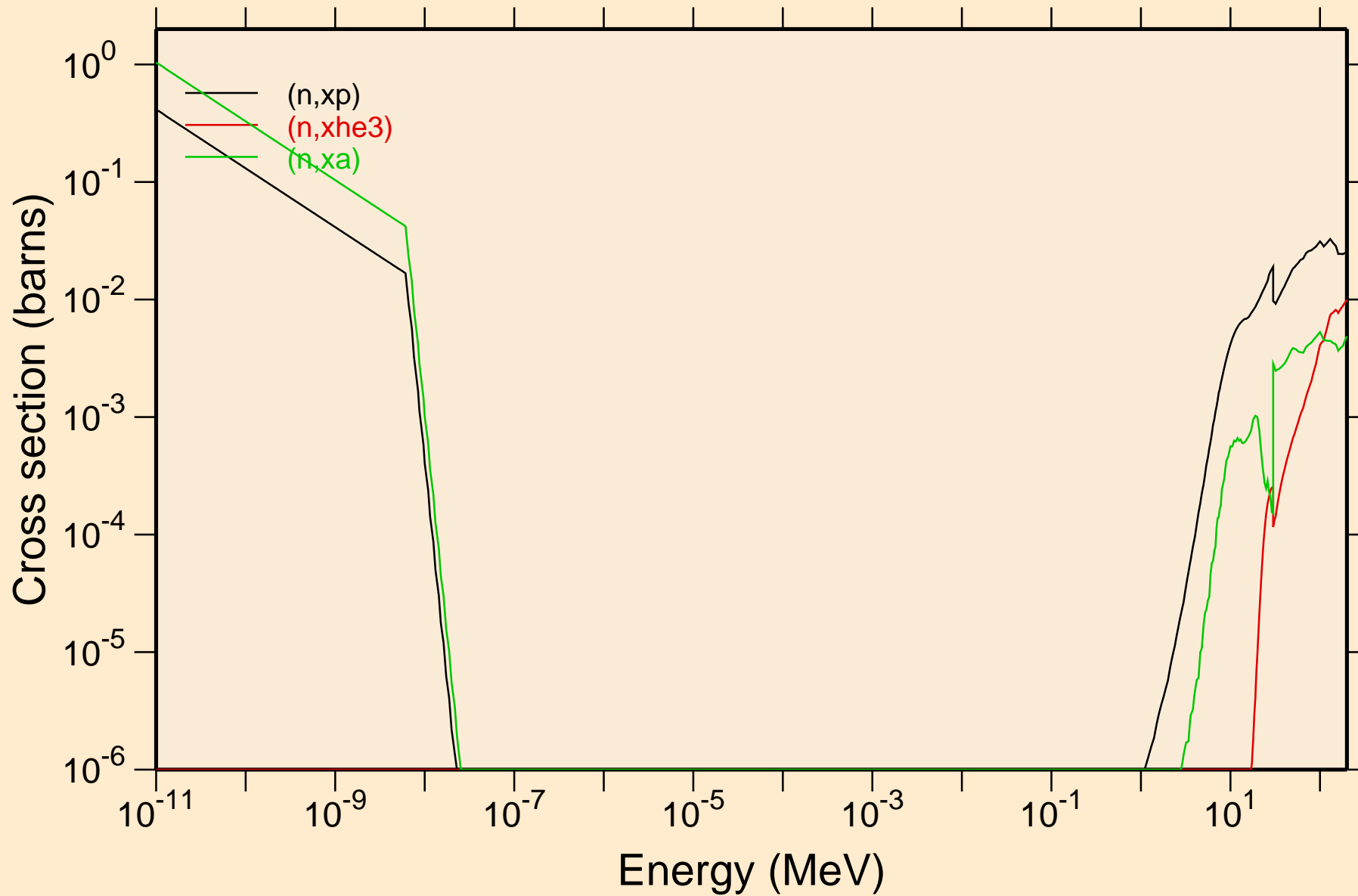


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



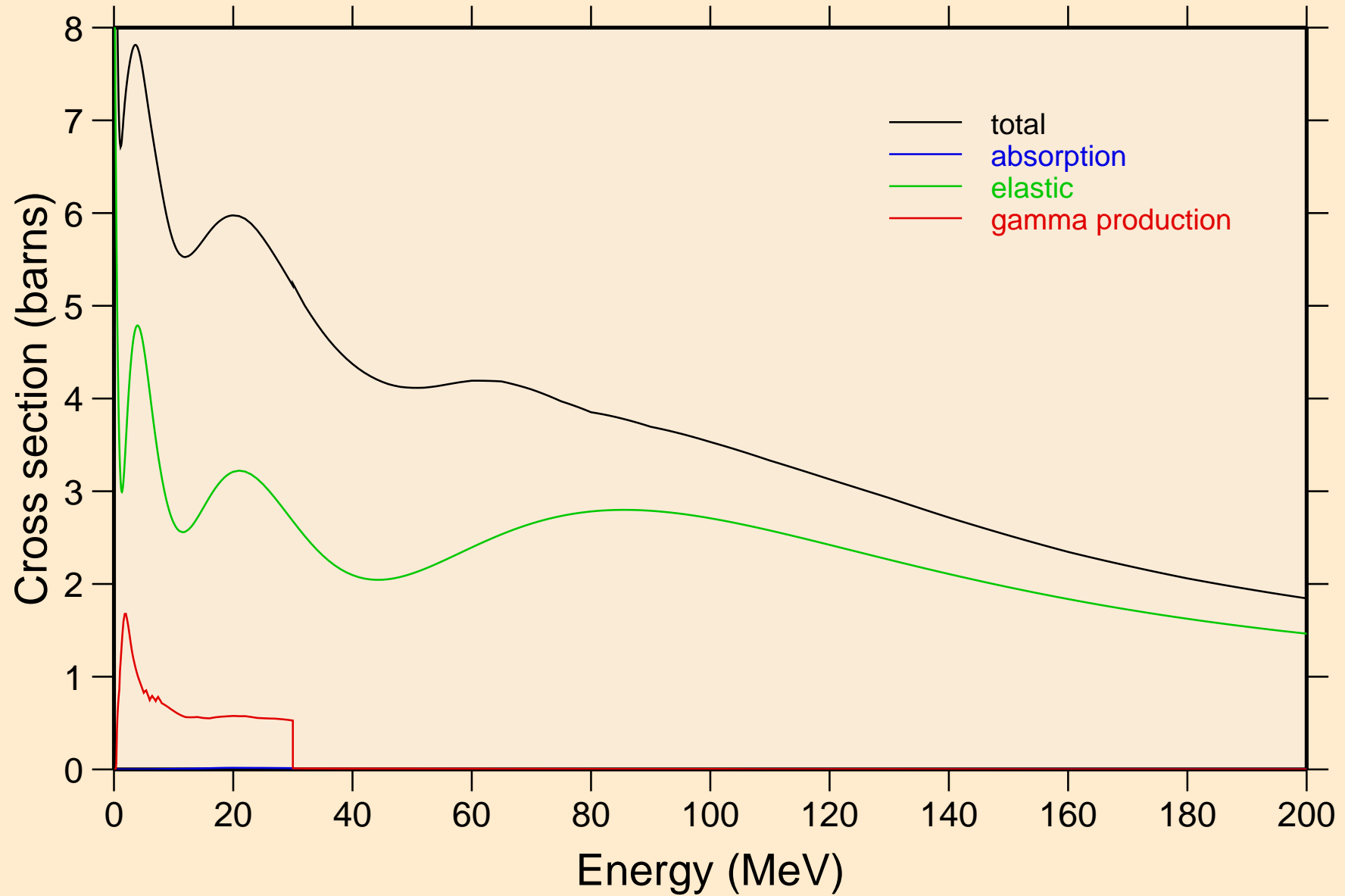
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



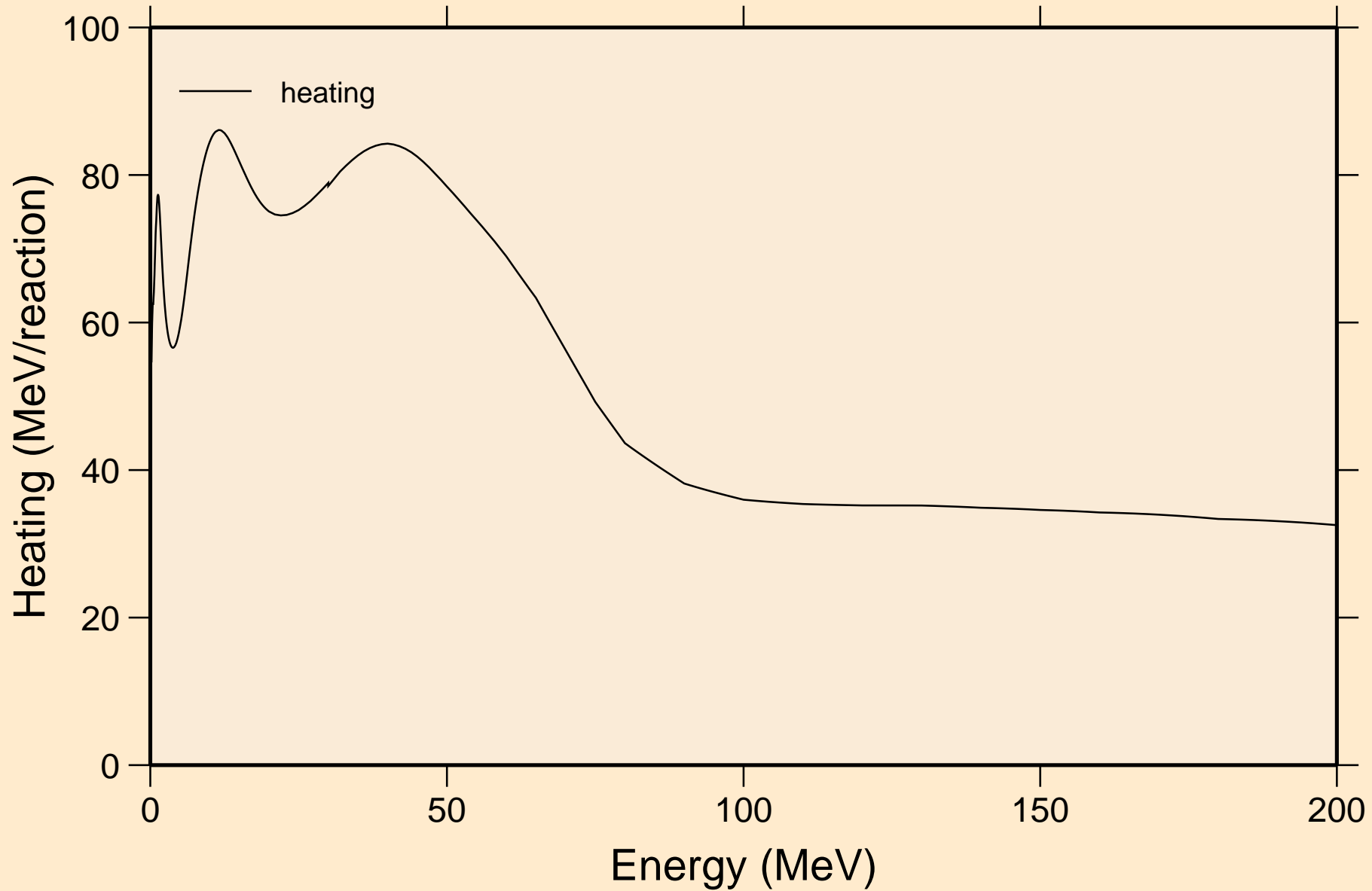
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Principal cross sections

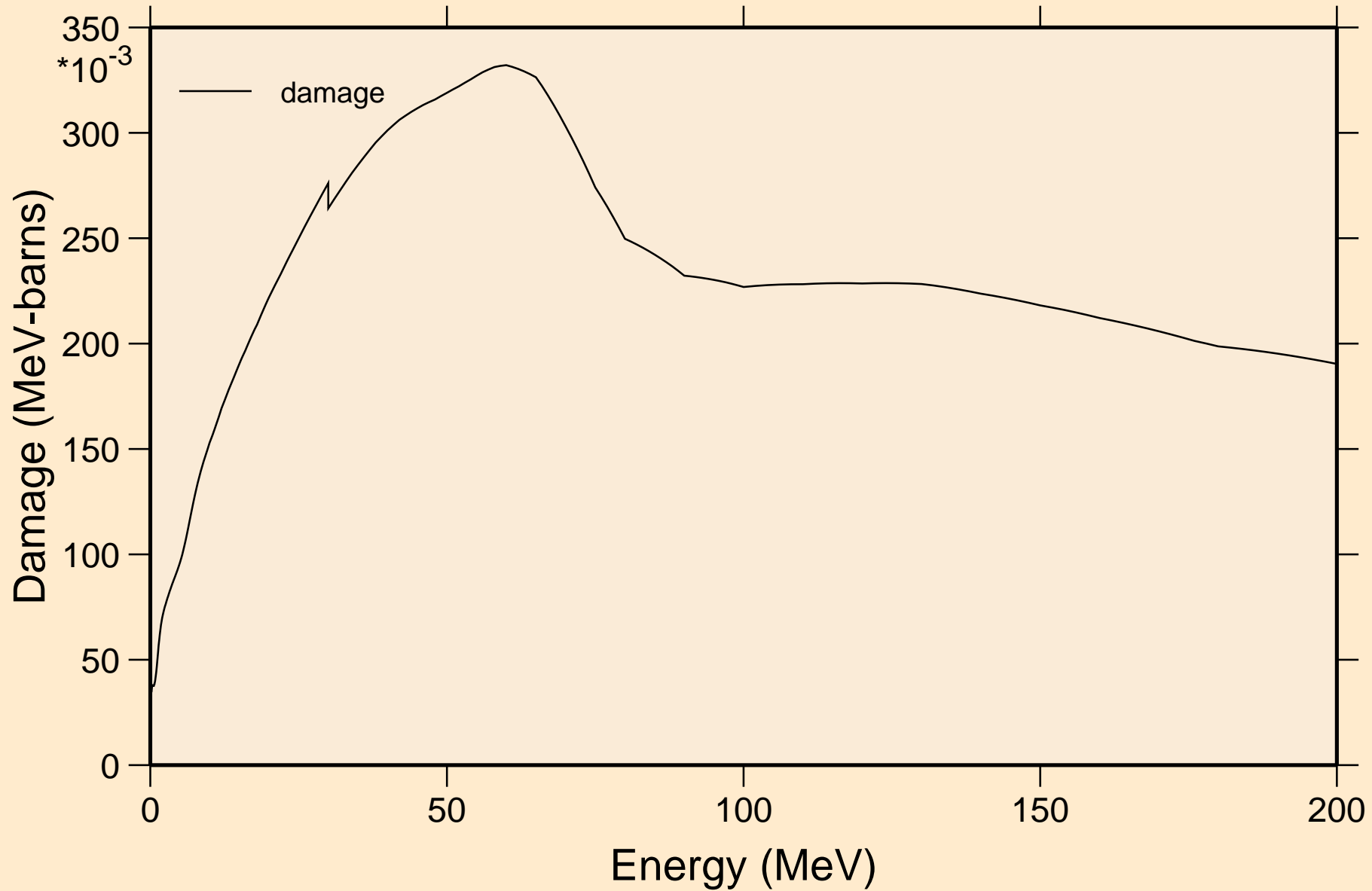


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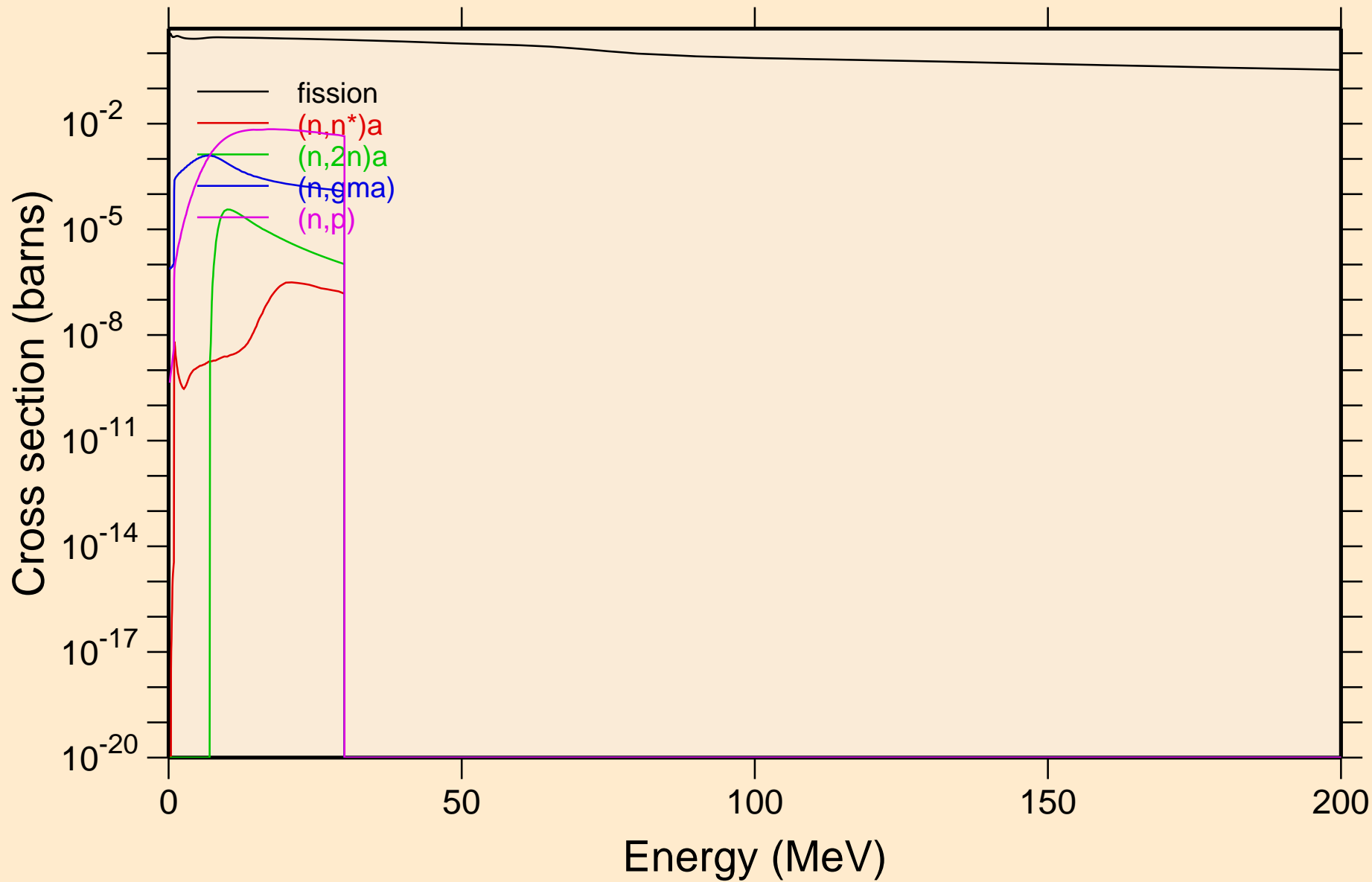
Heating



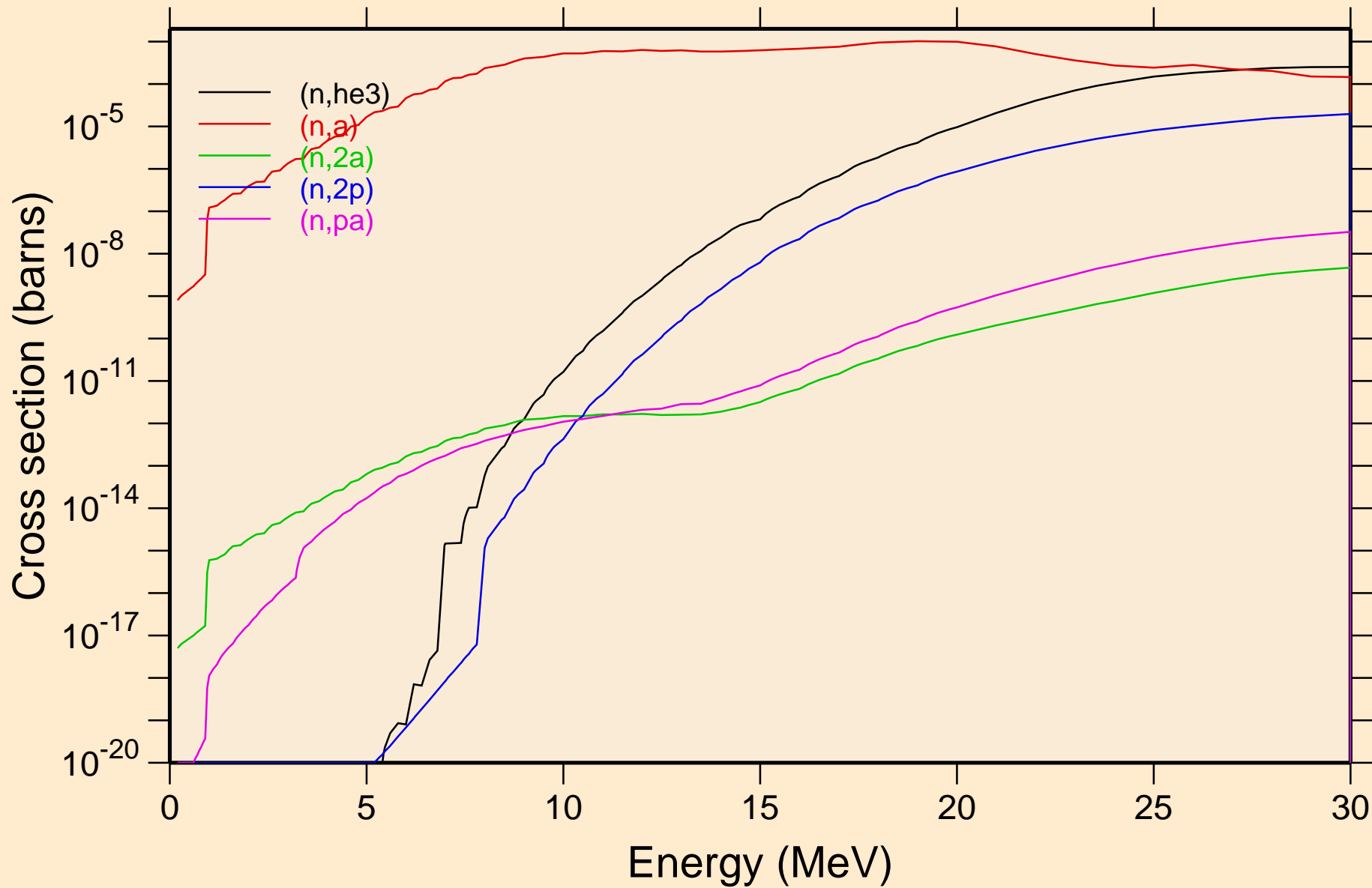
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Damage



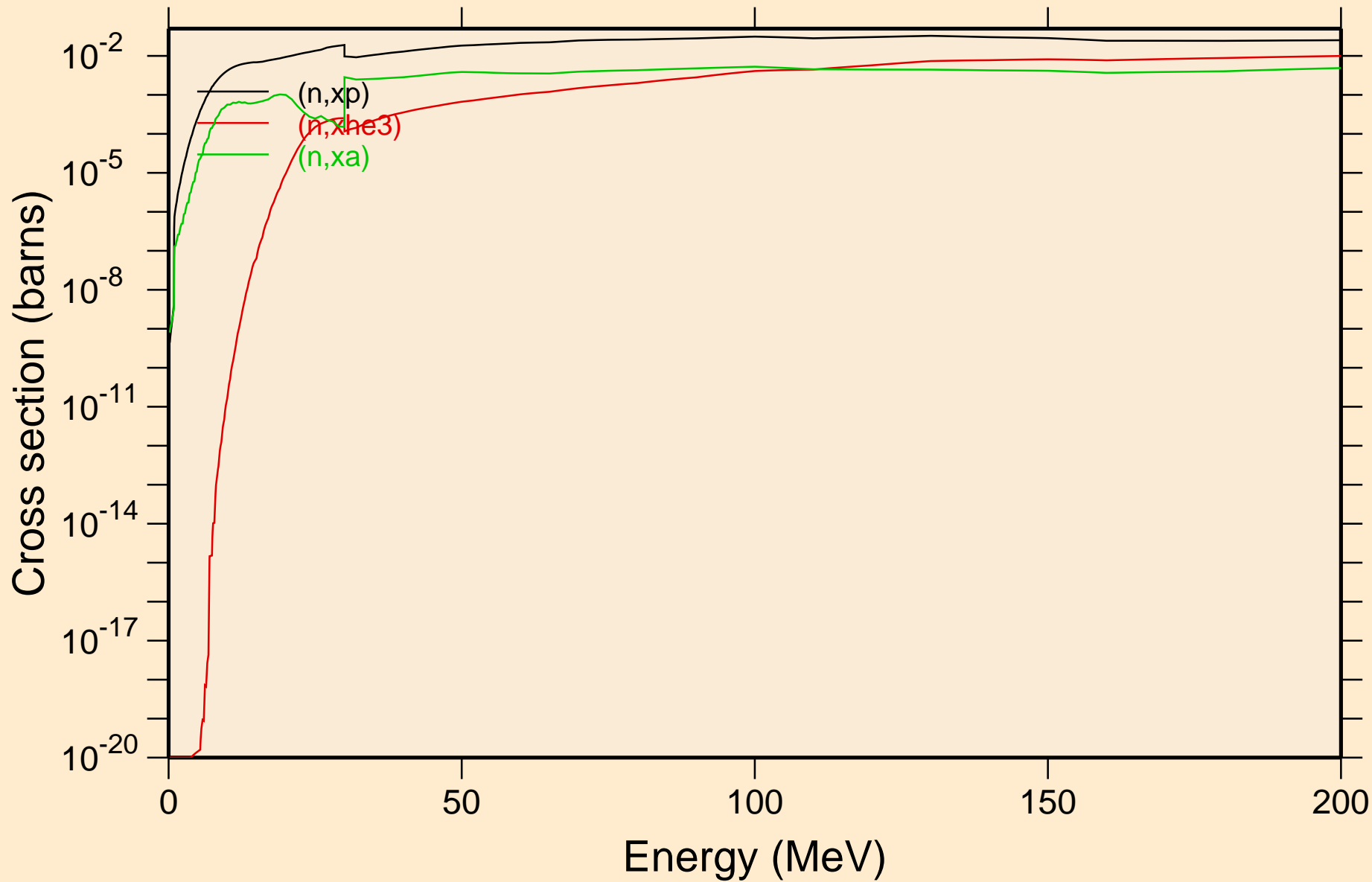
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

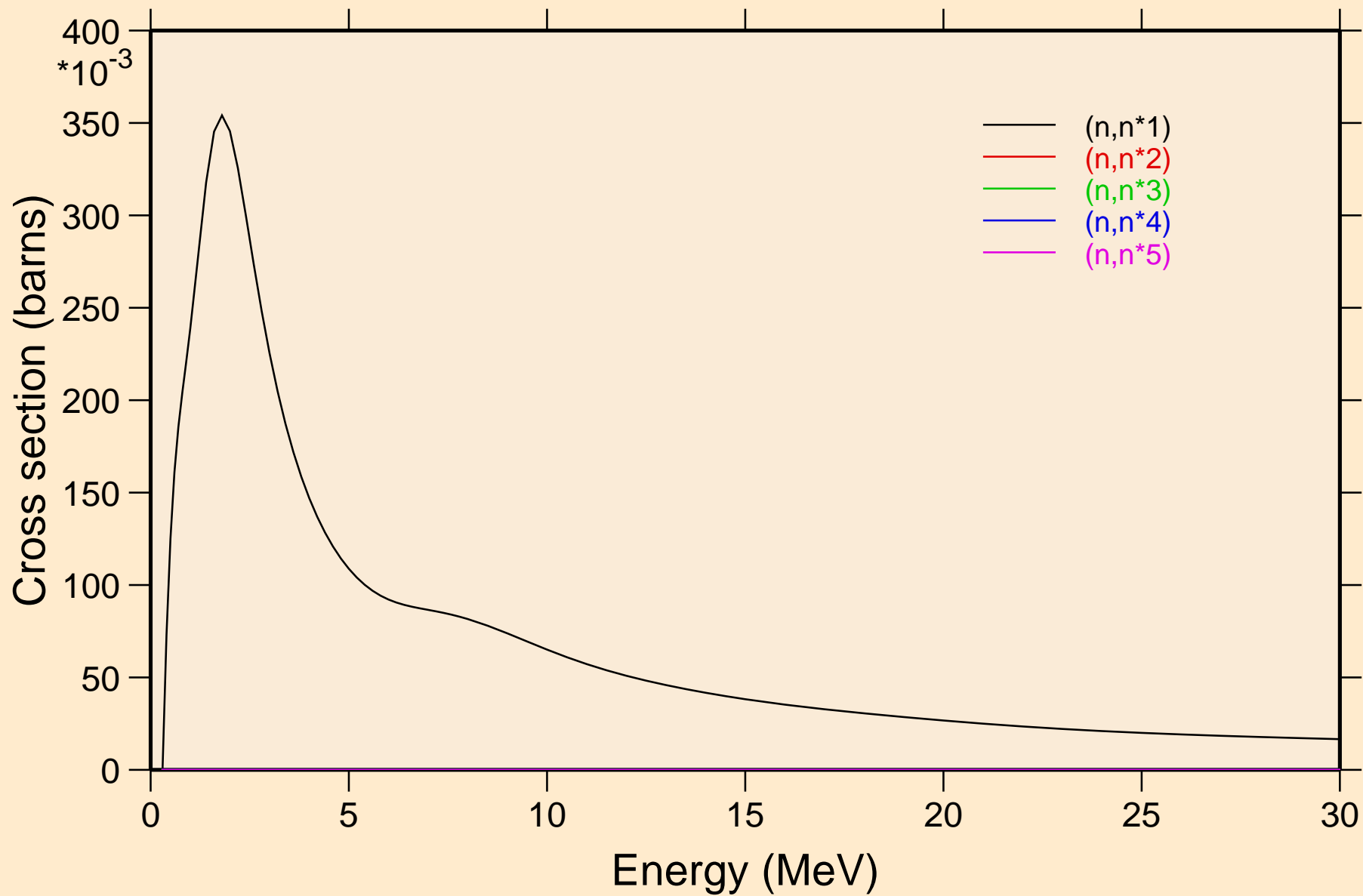


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

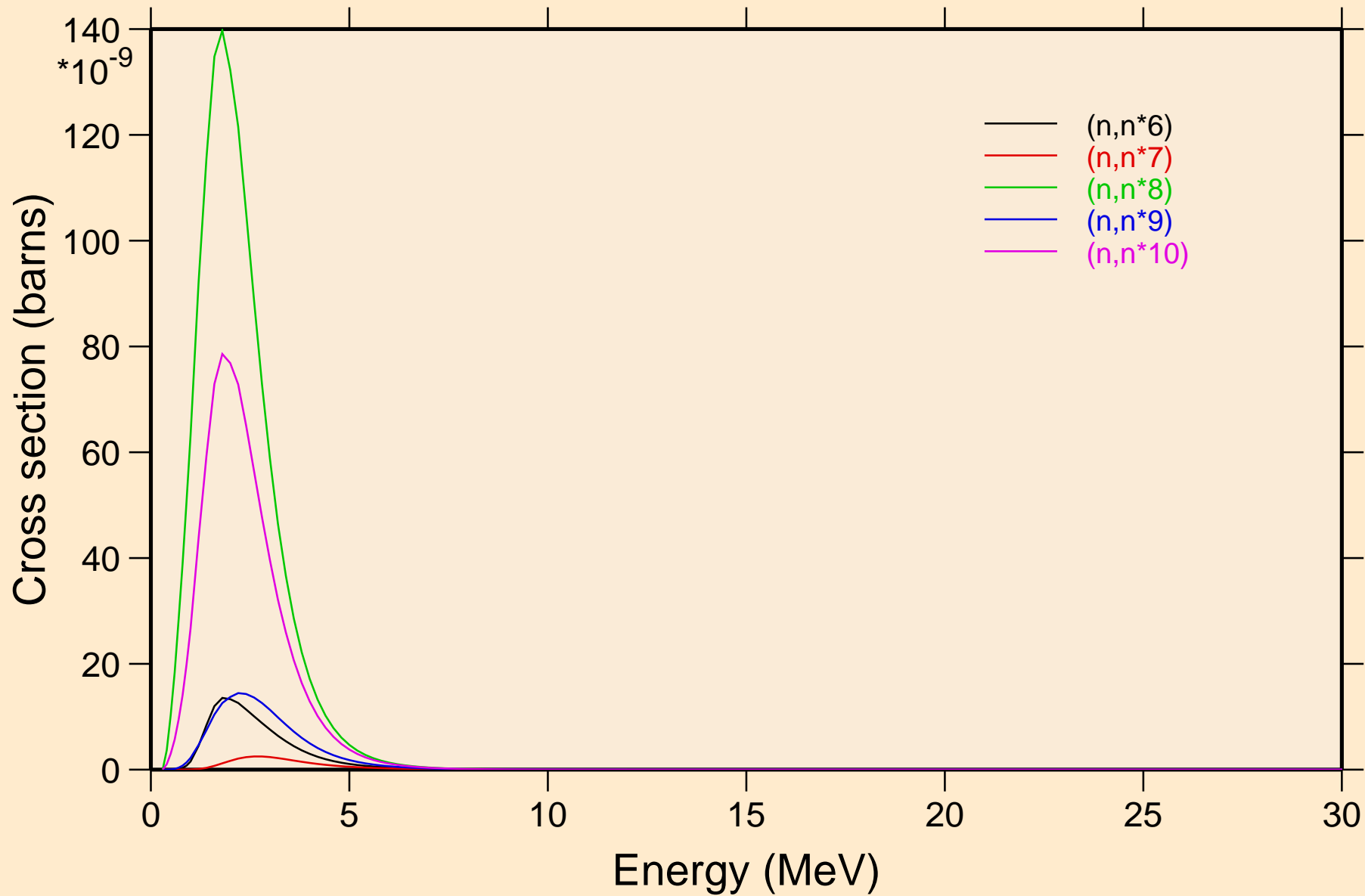


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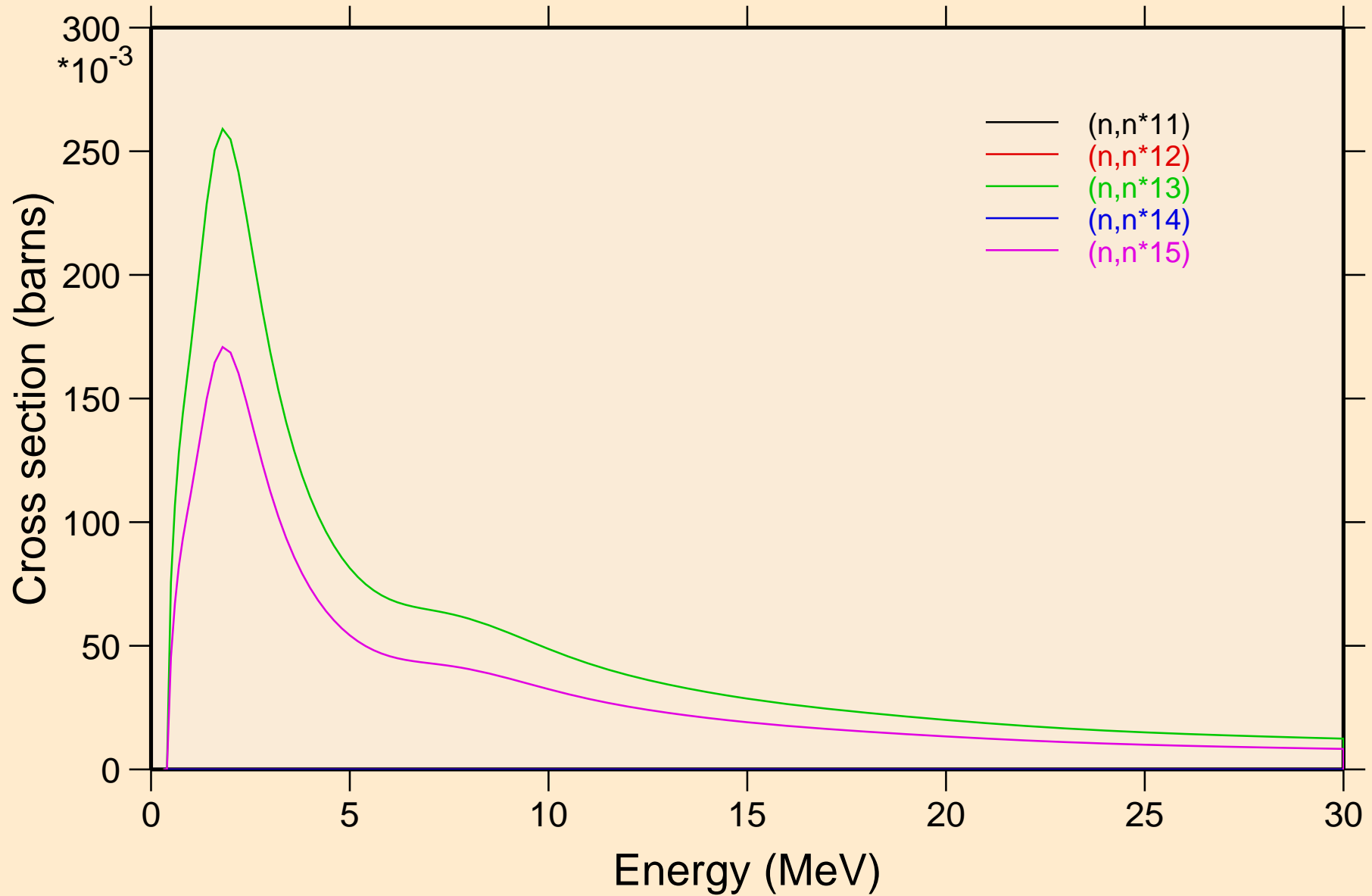
Inelastic levels



CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

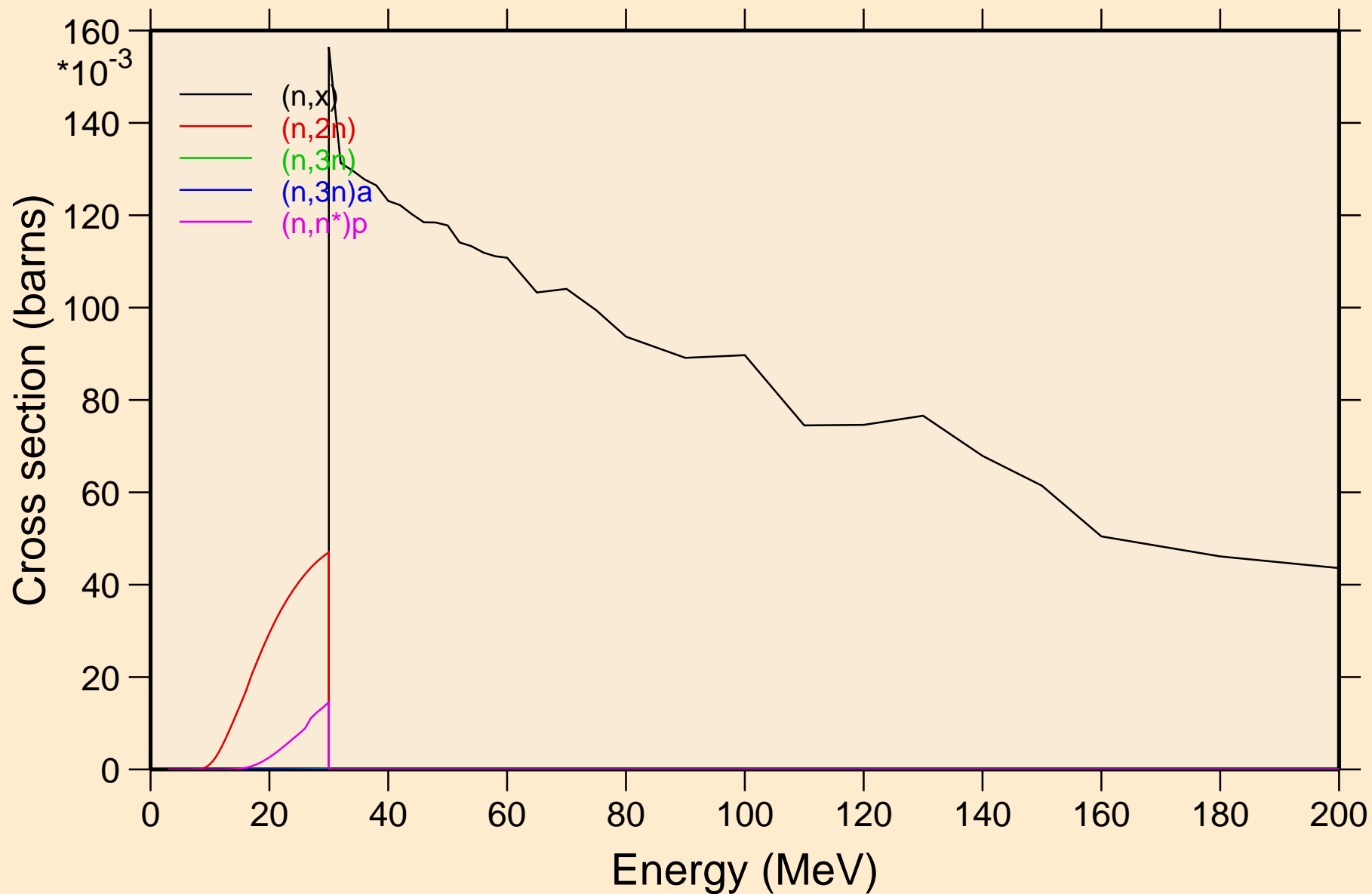


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

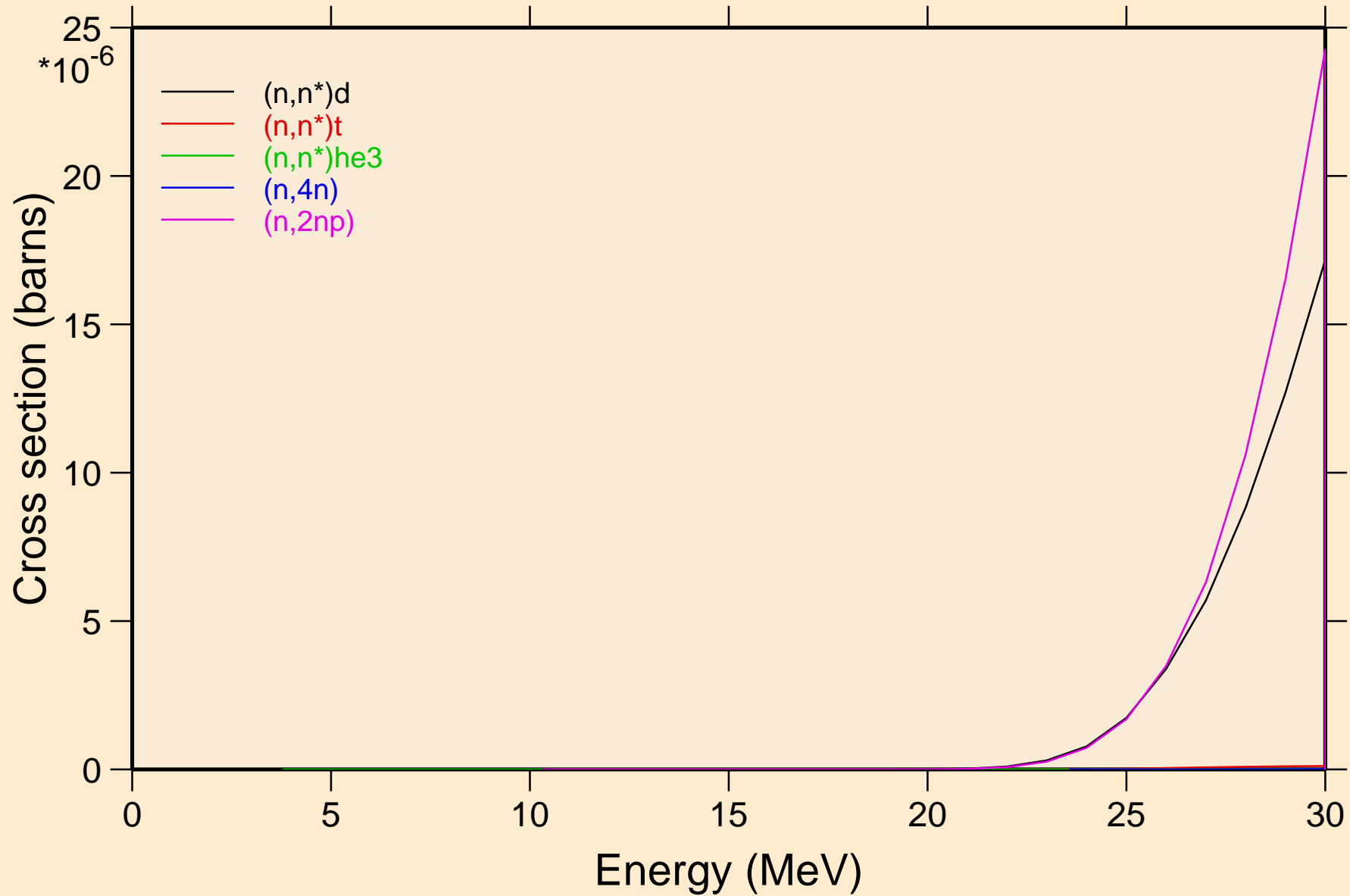


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

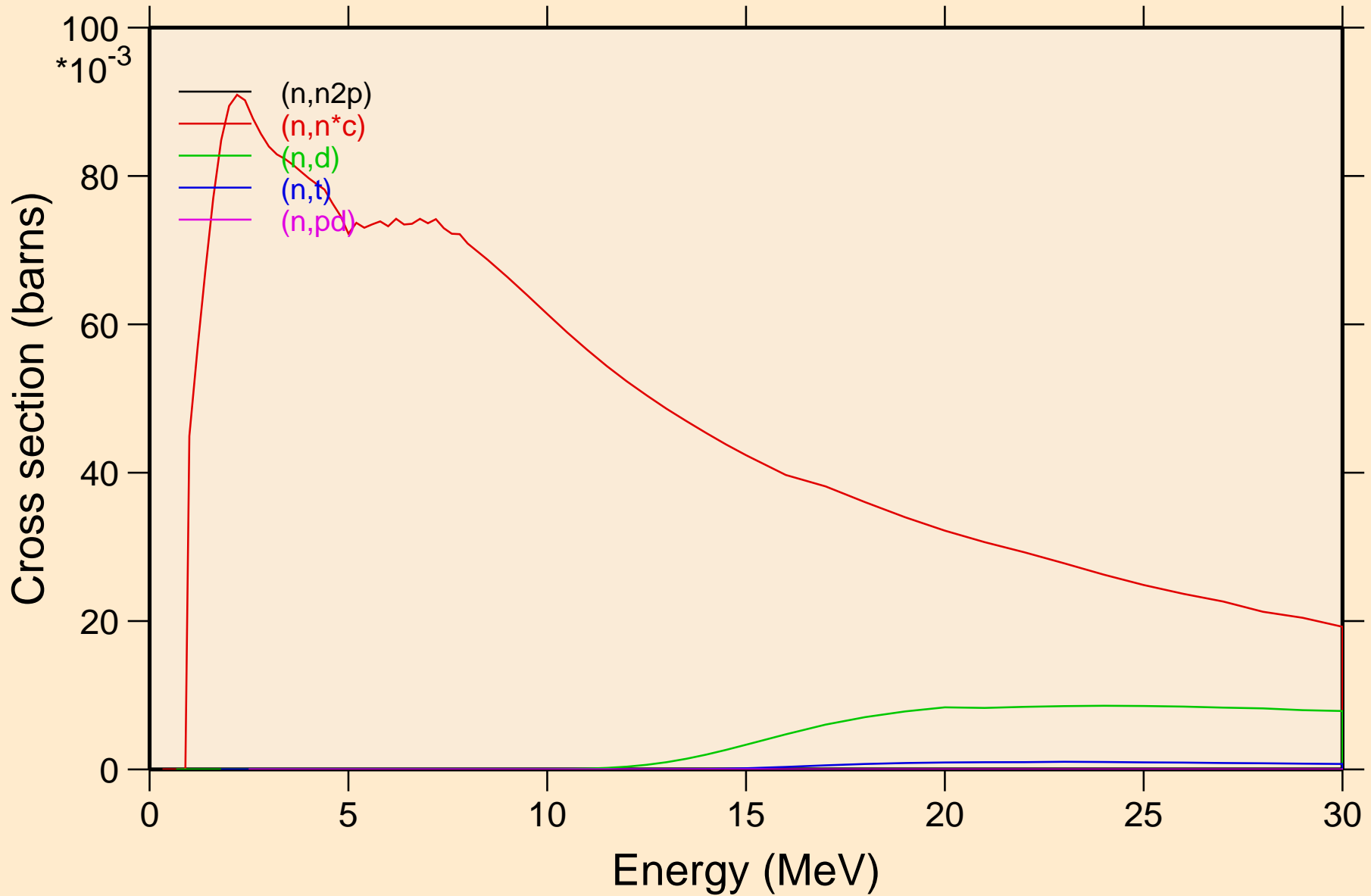


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



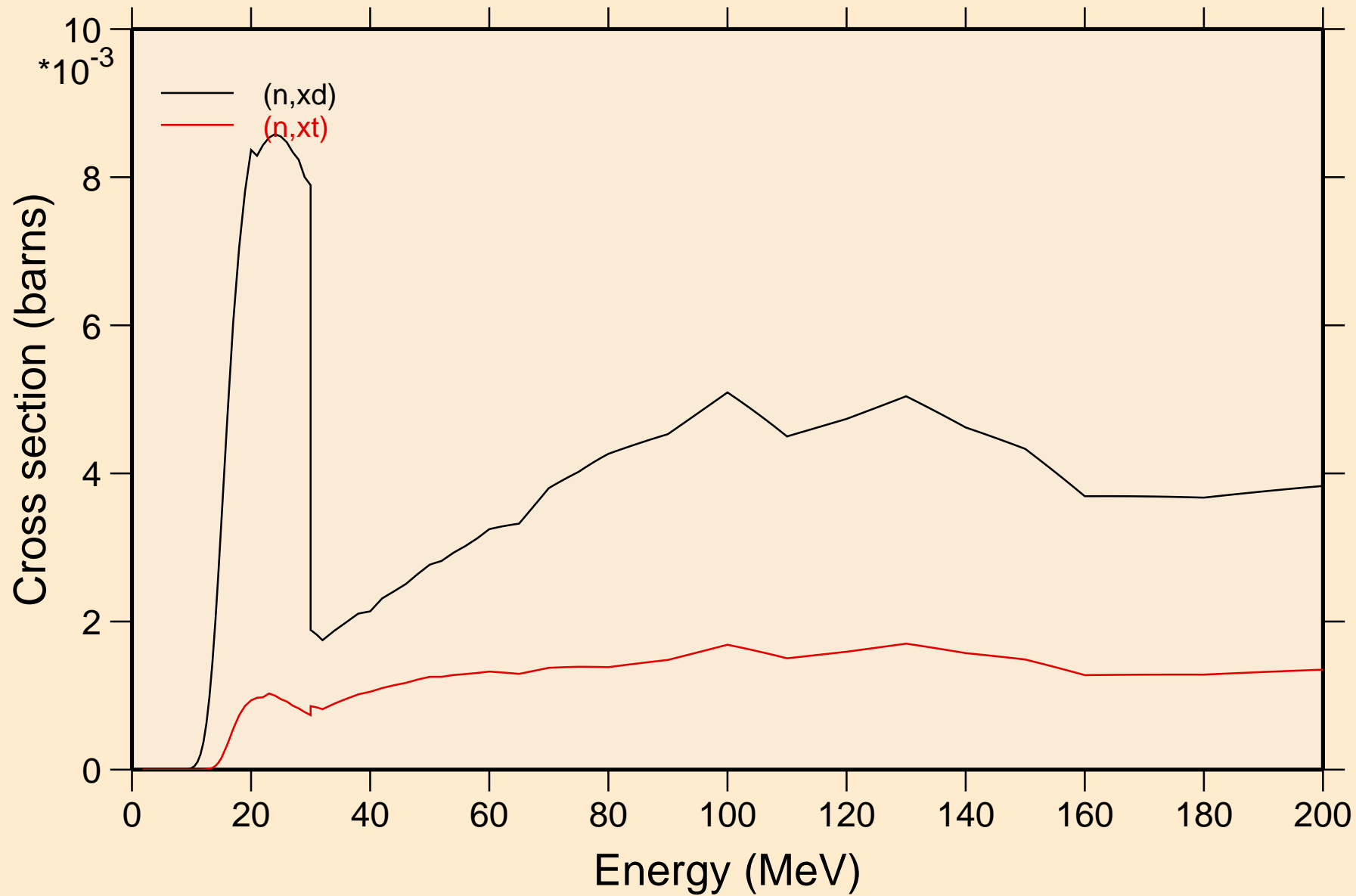
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

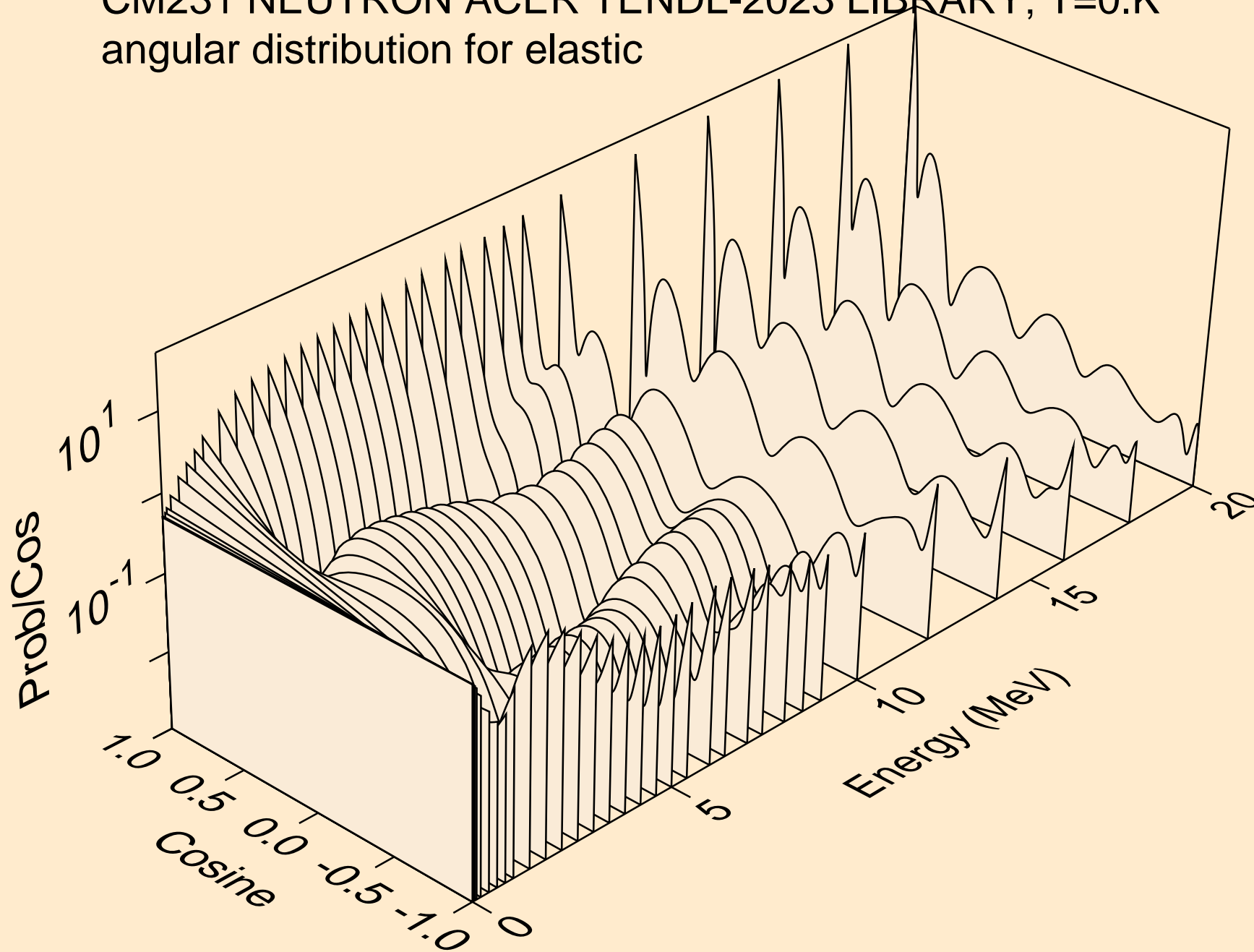


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

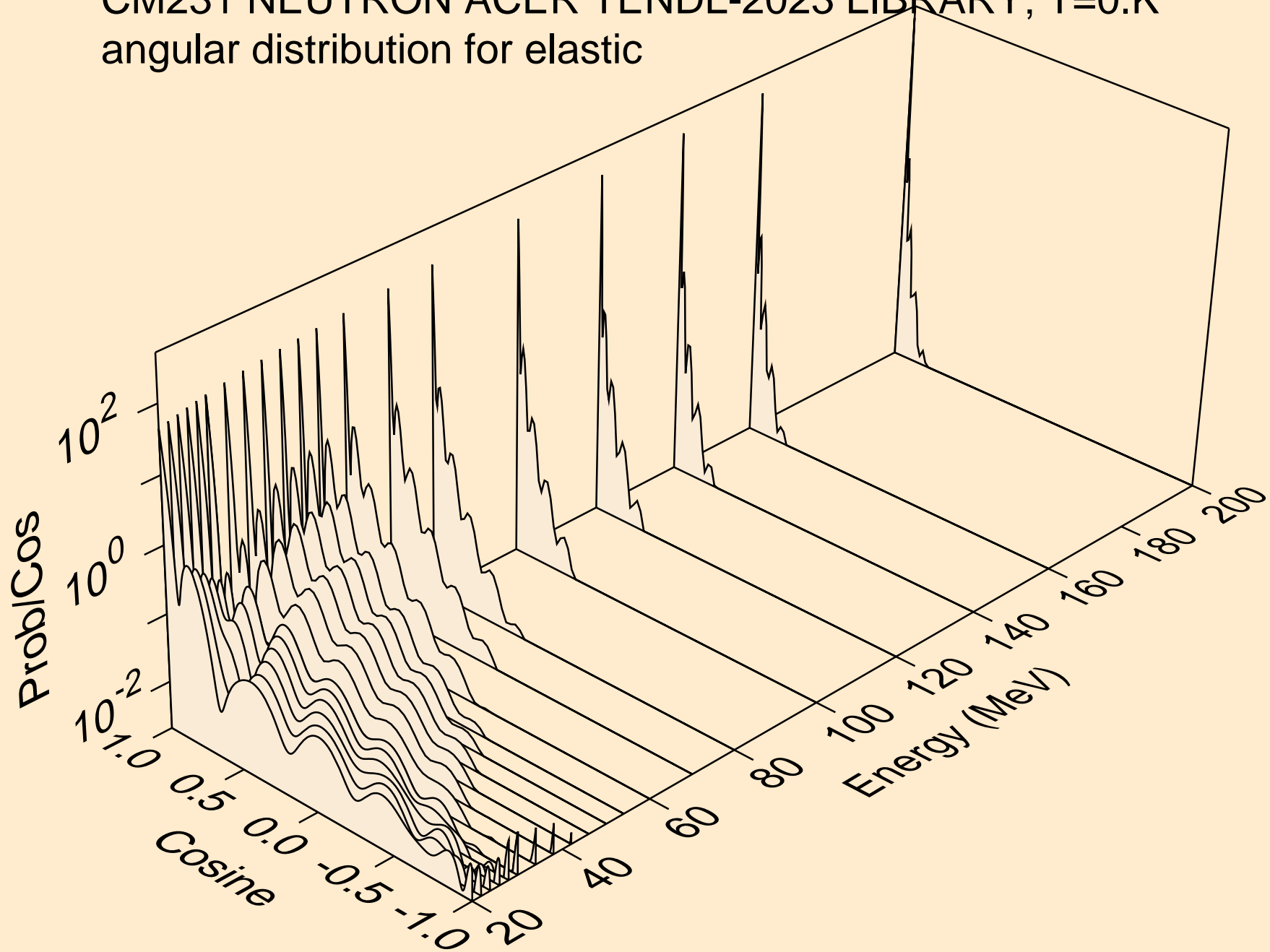
Threshold reactions



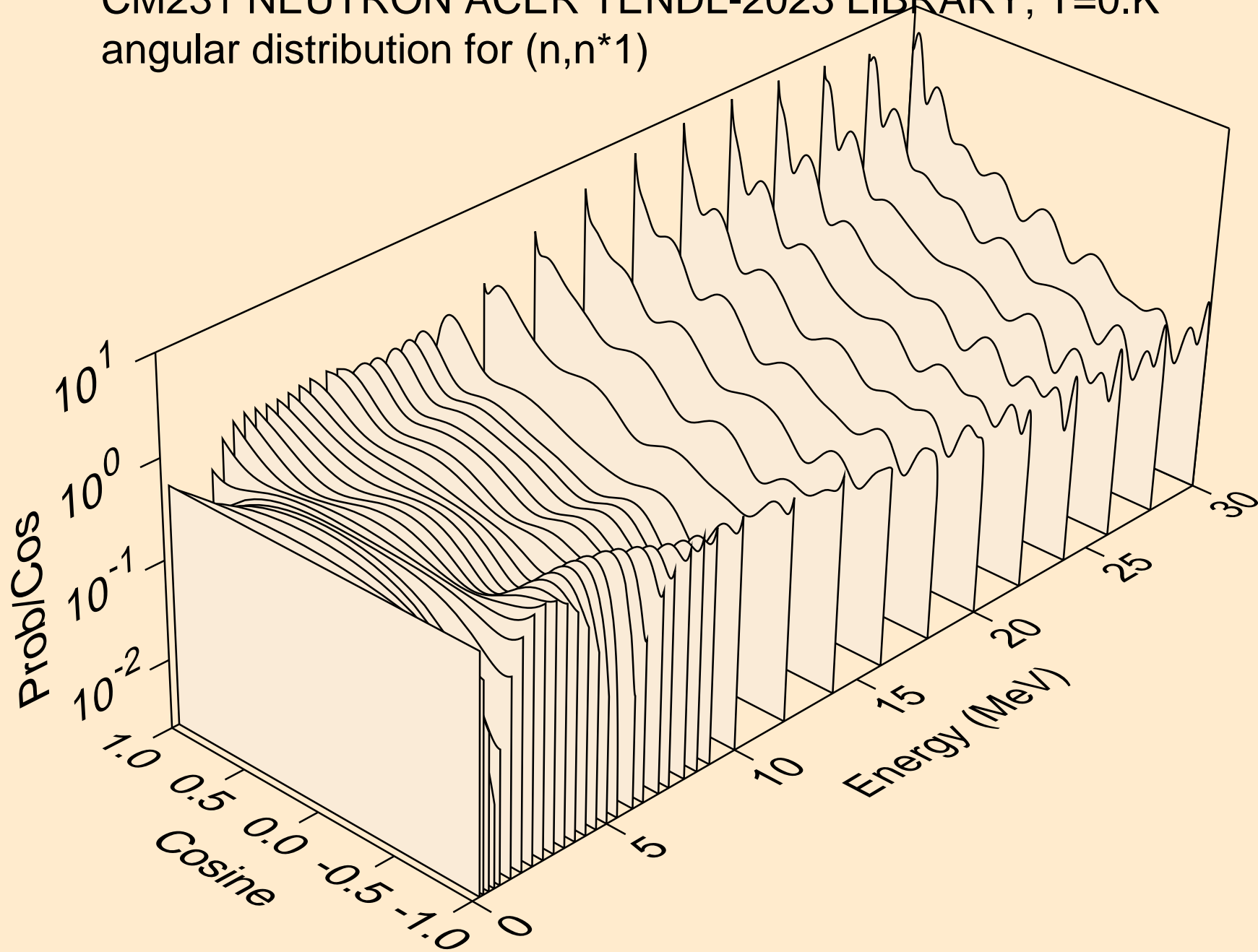
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



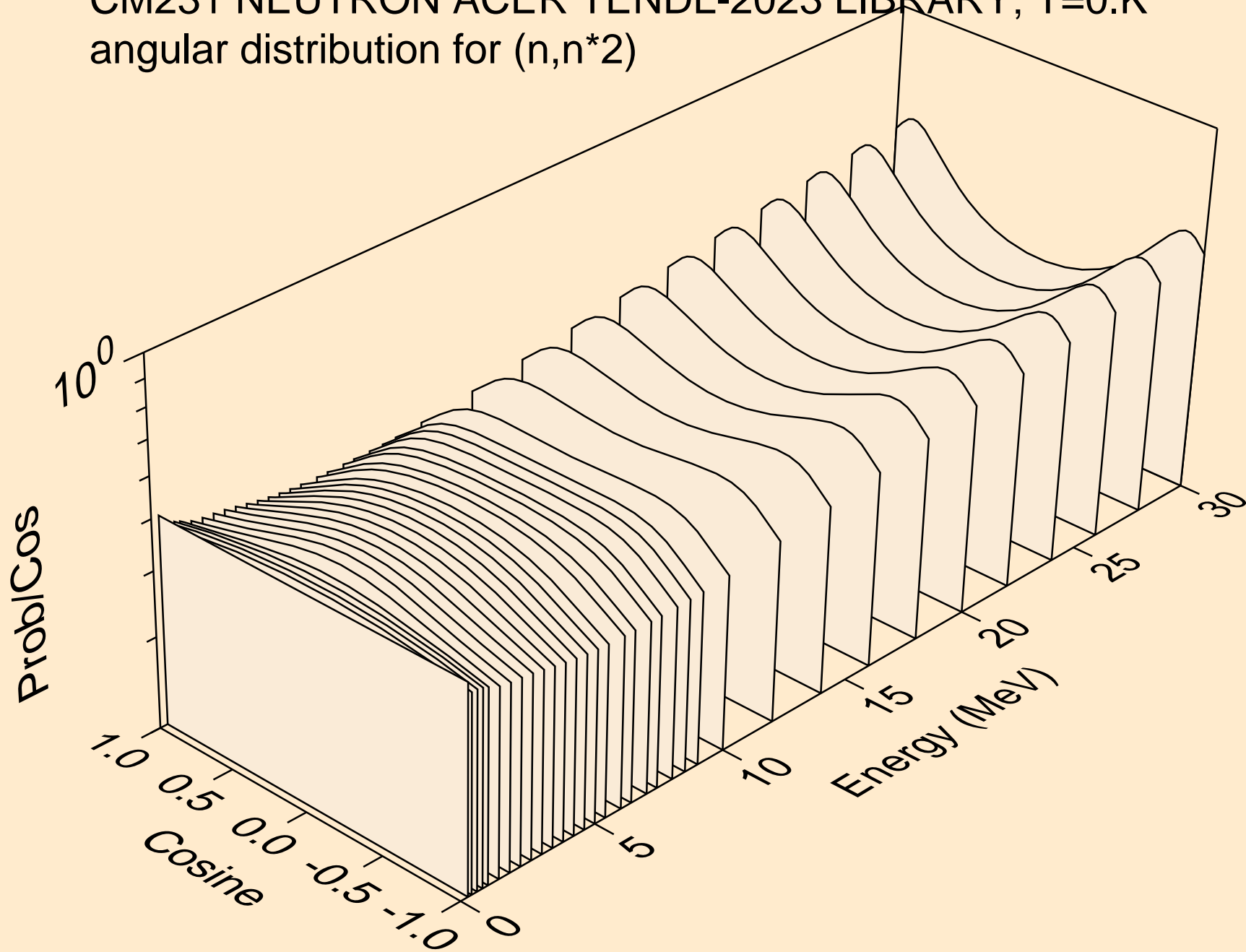
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



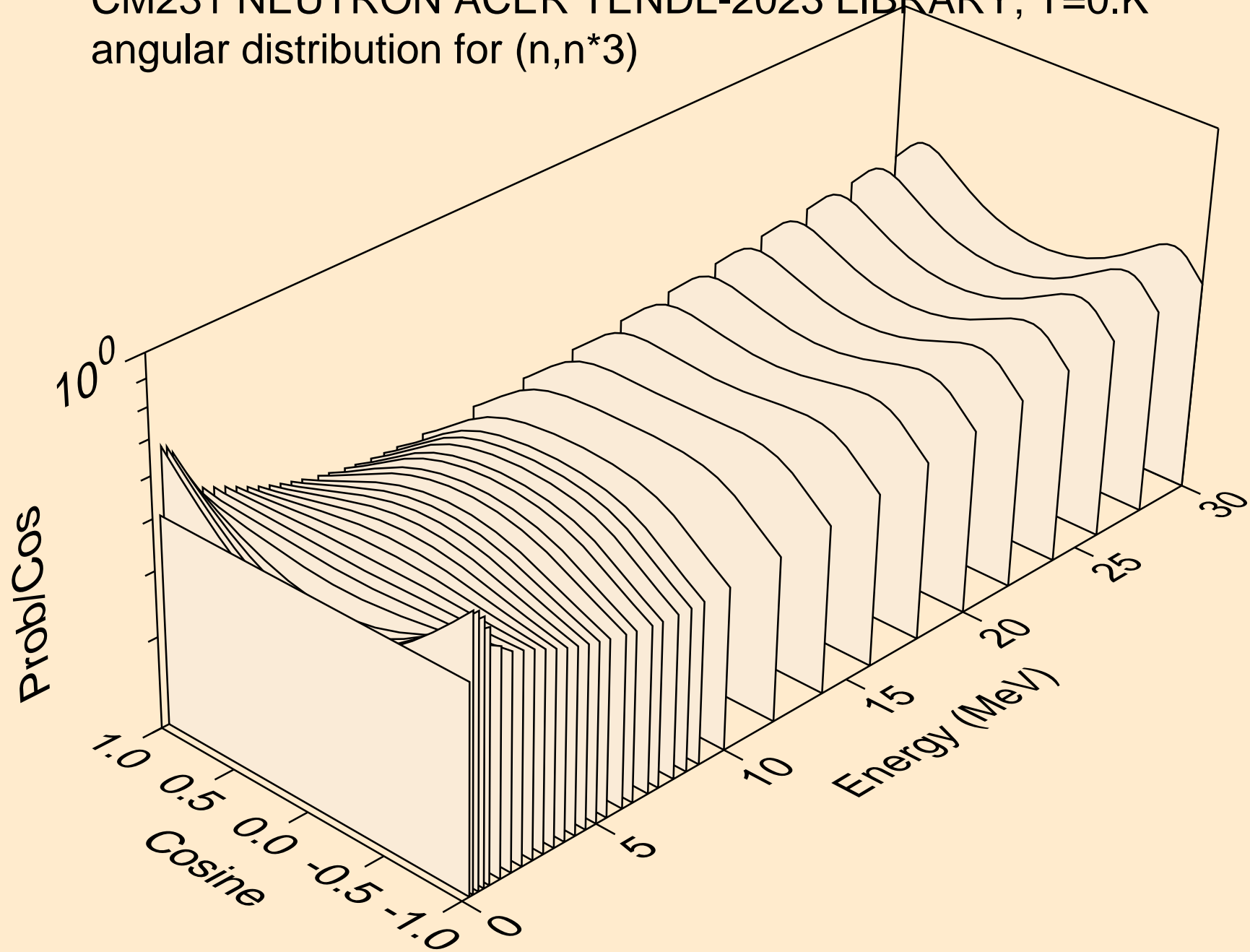
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



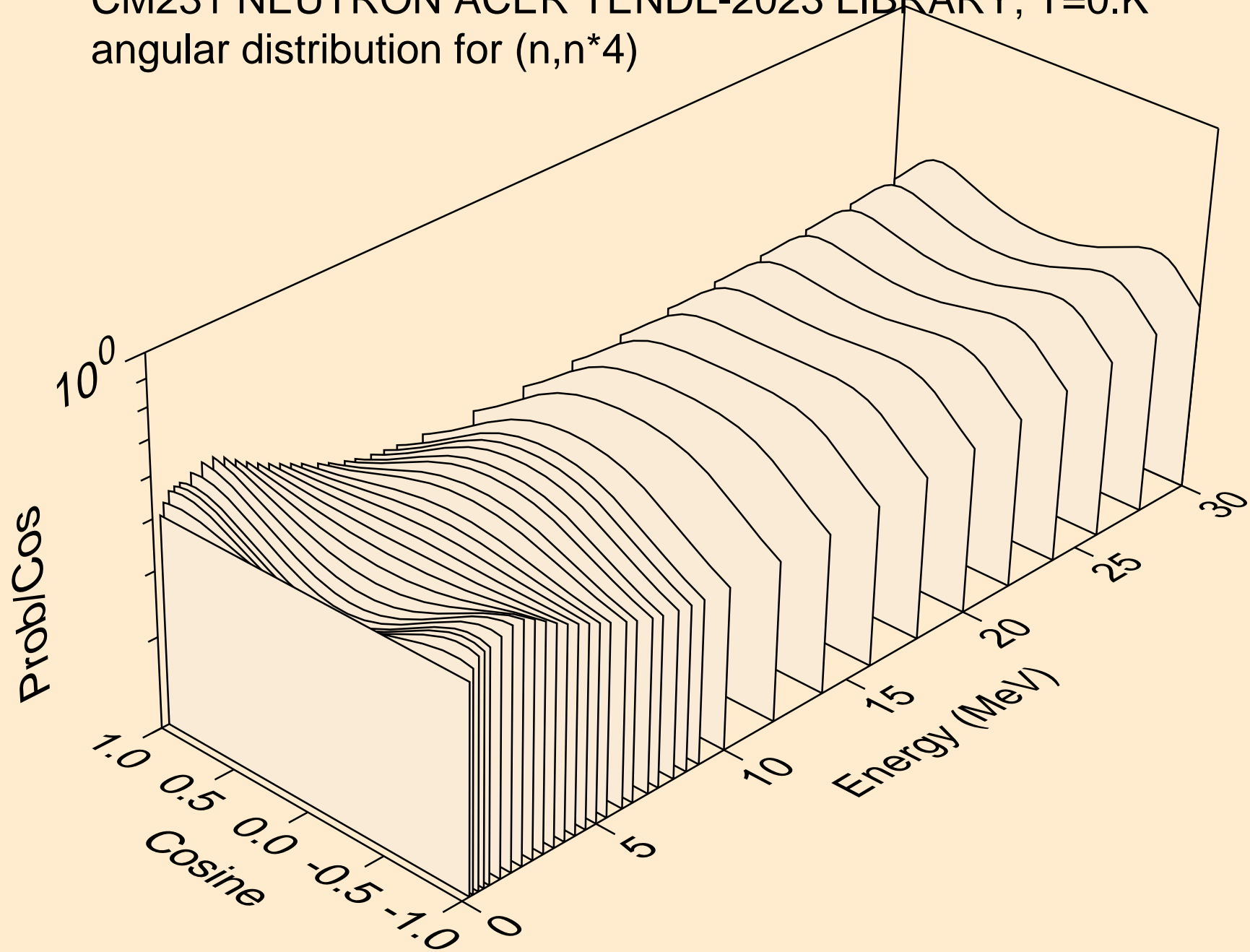
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



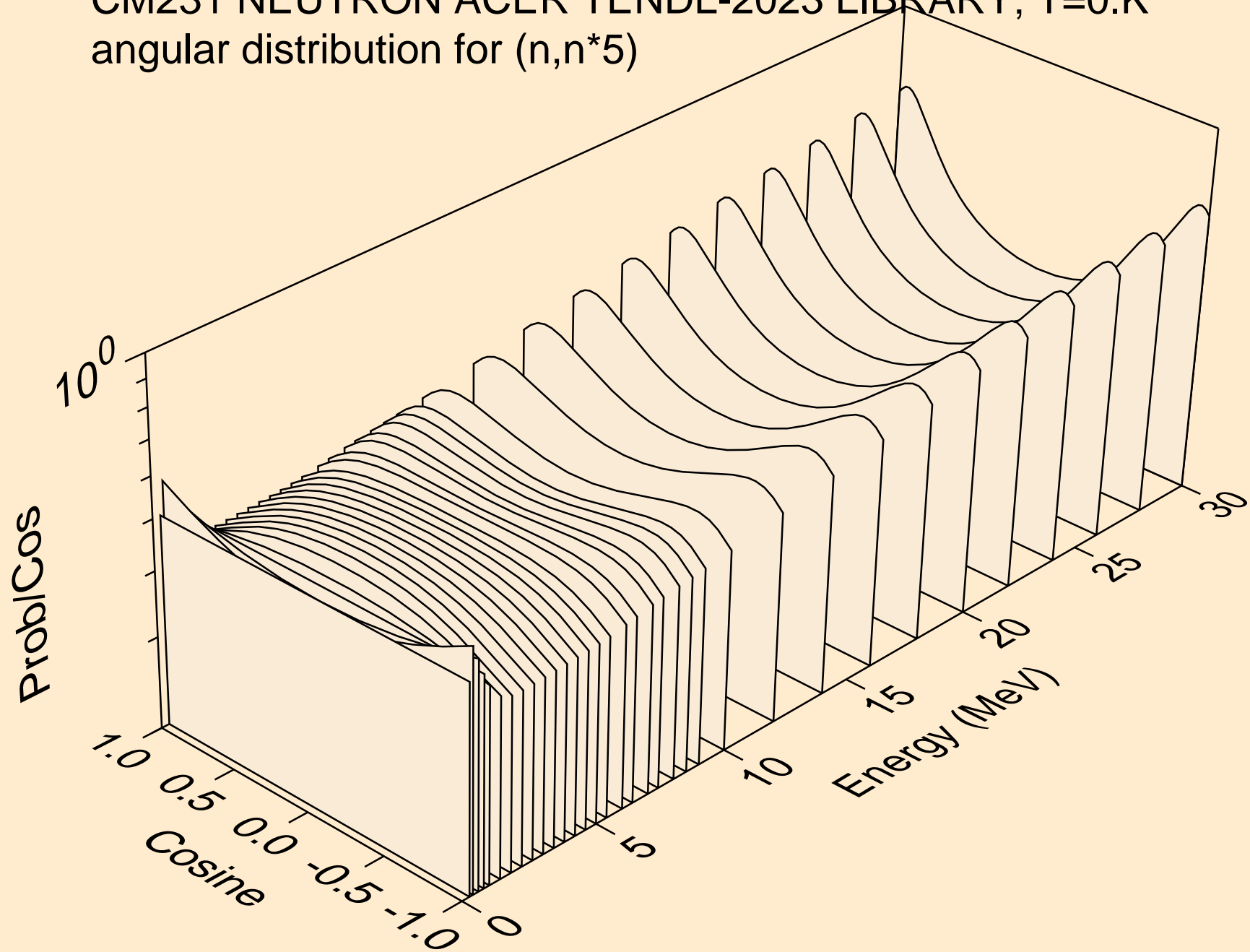
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angular distribution for (n,n*3)



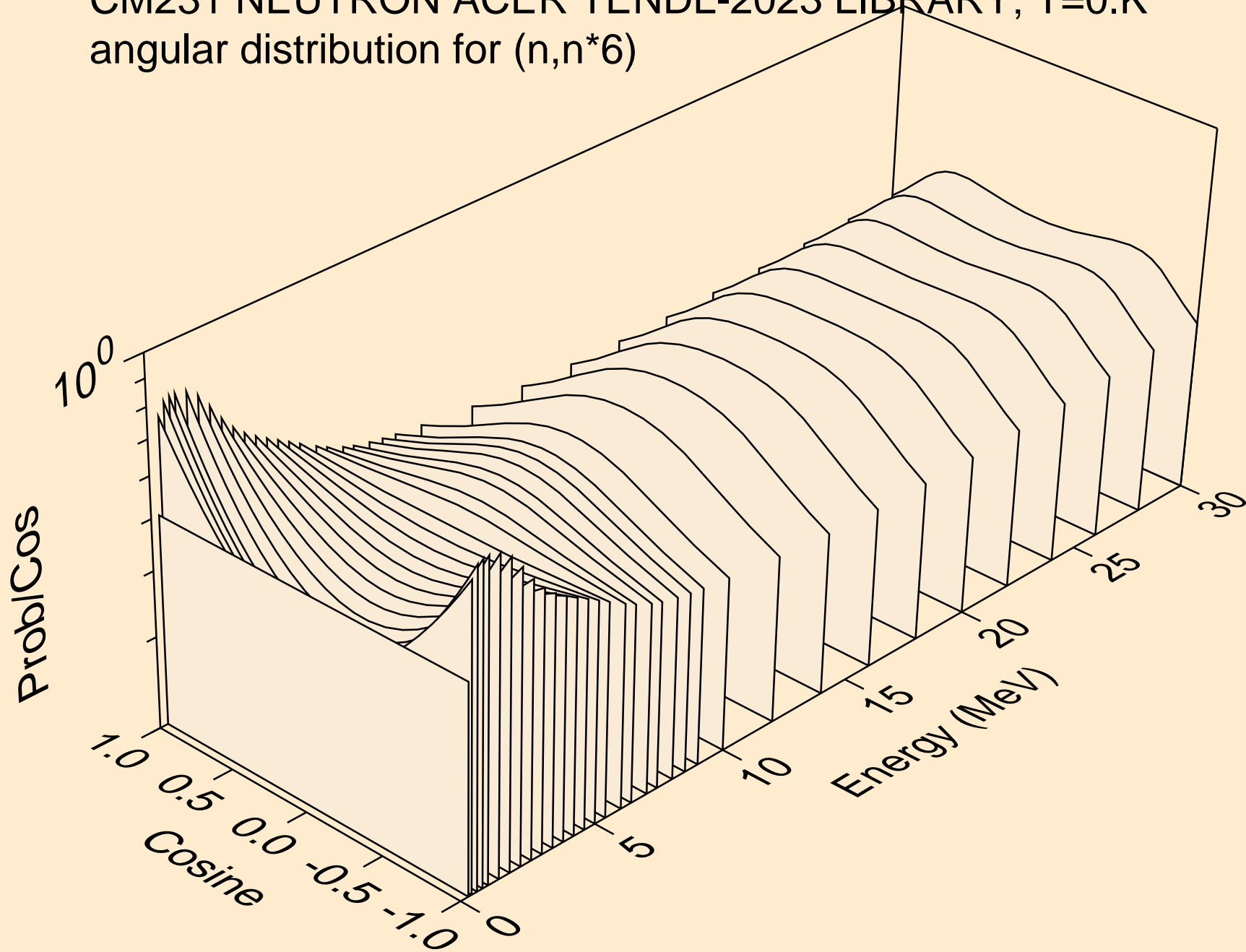
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



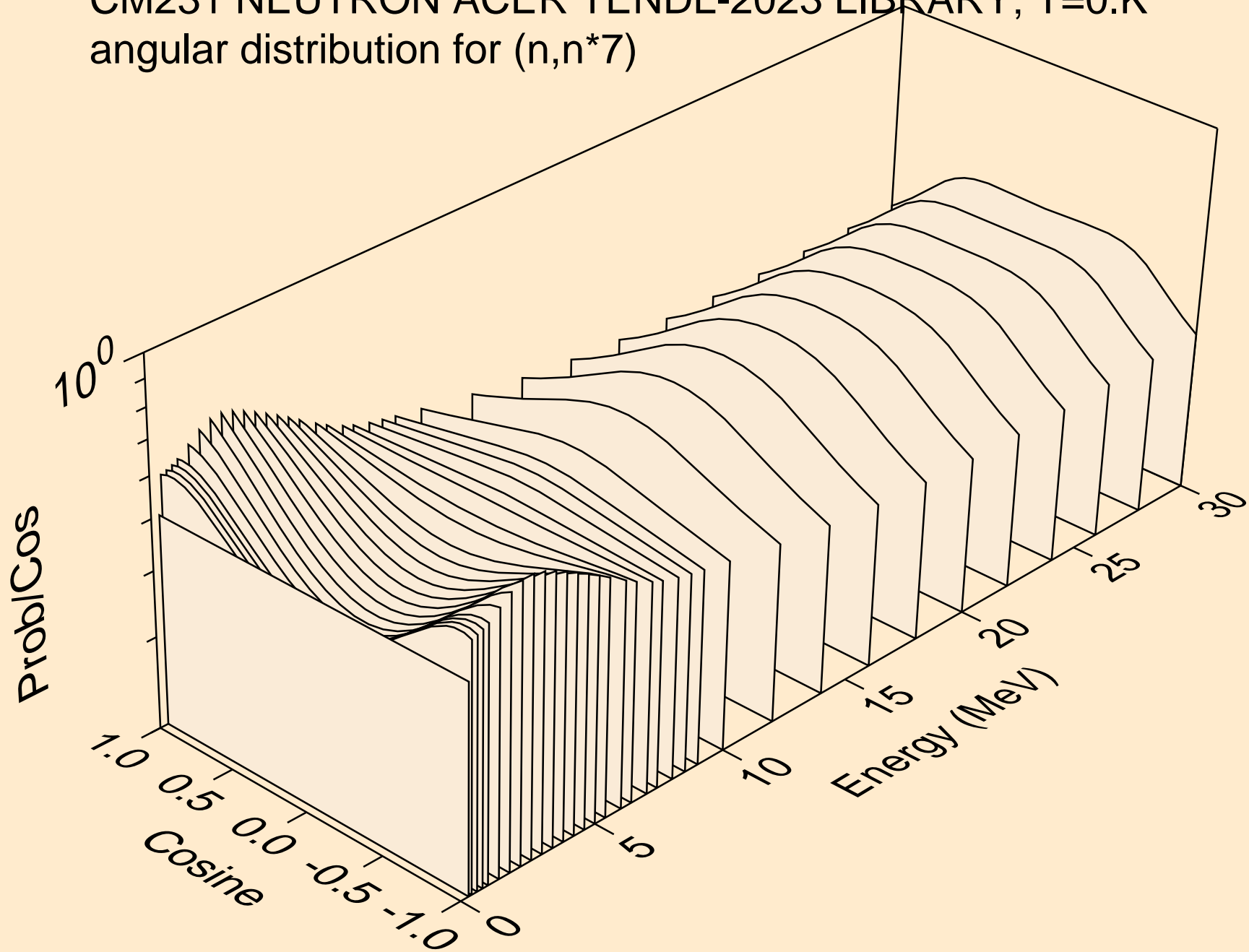
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



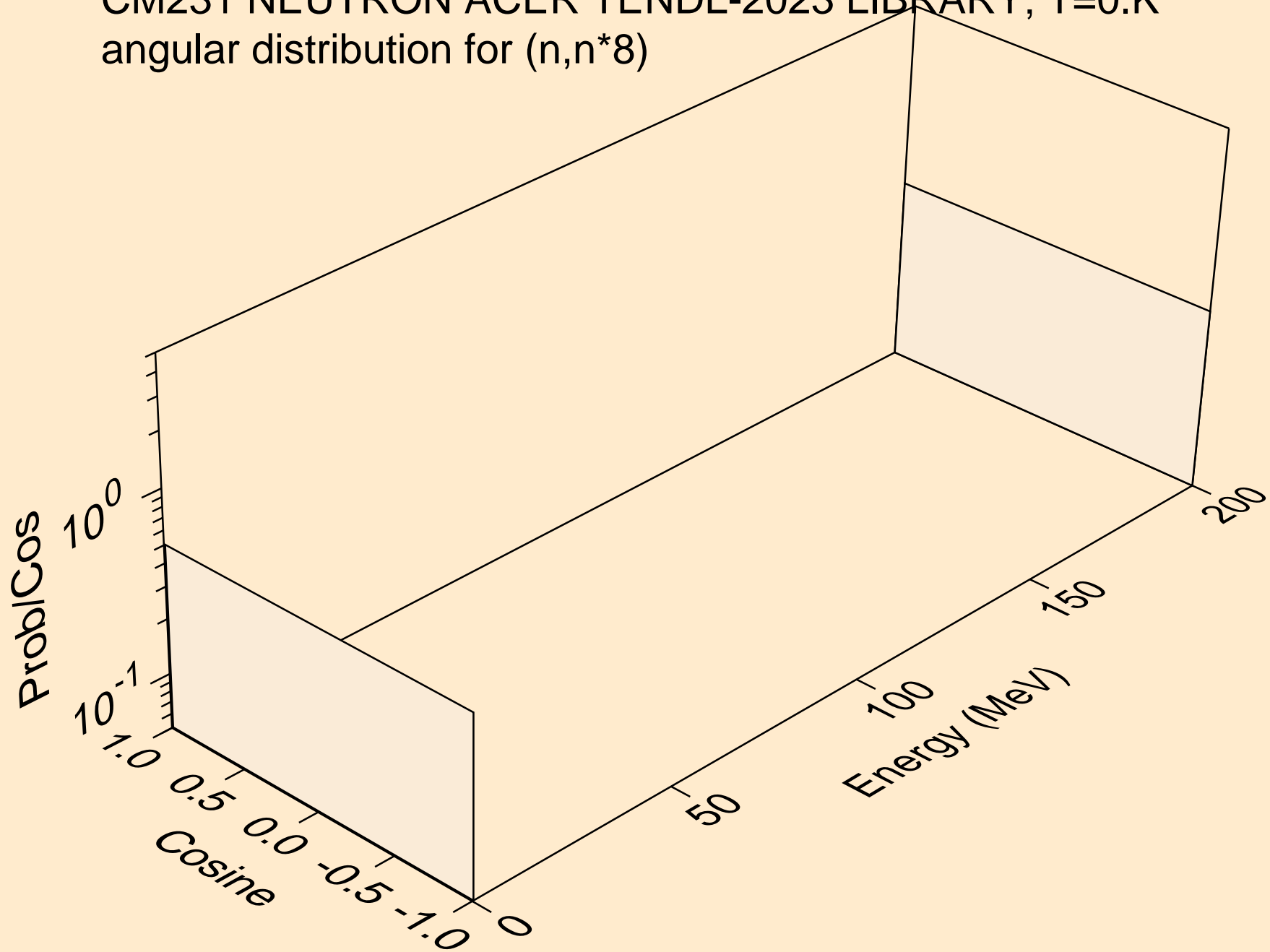
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



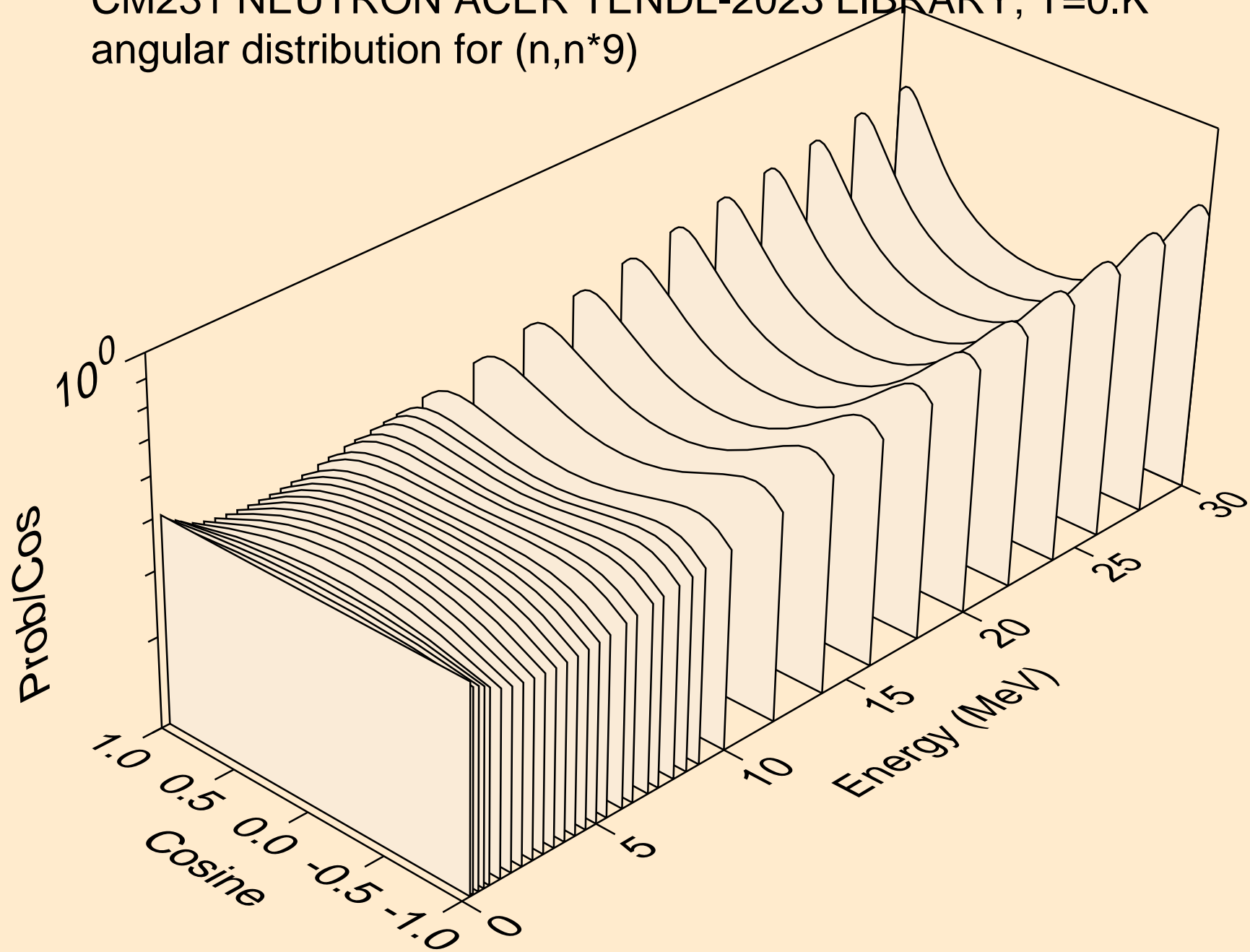
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



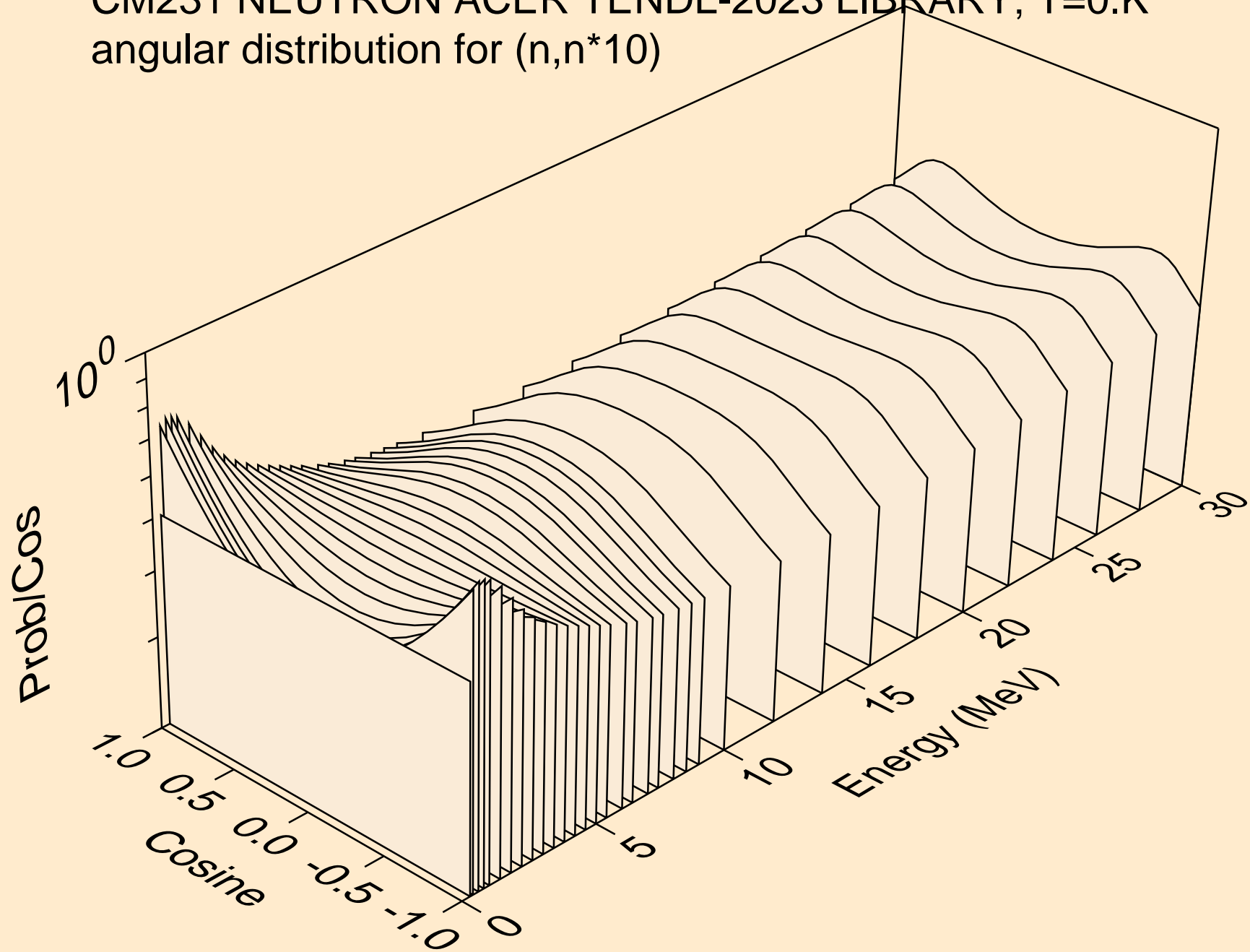
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angular distribution for (n,n*8)



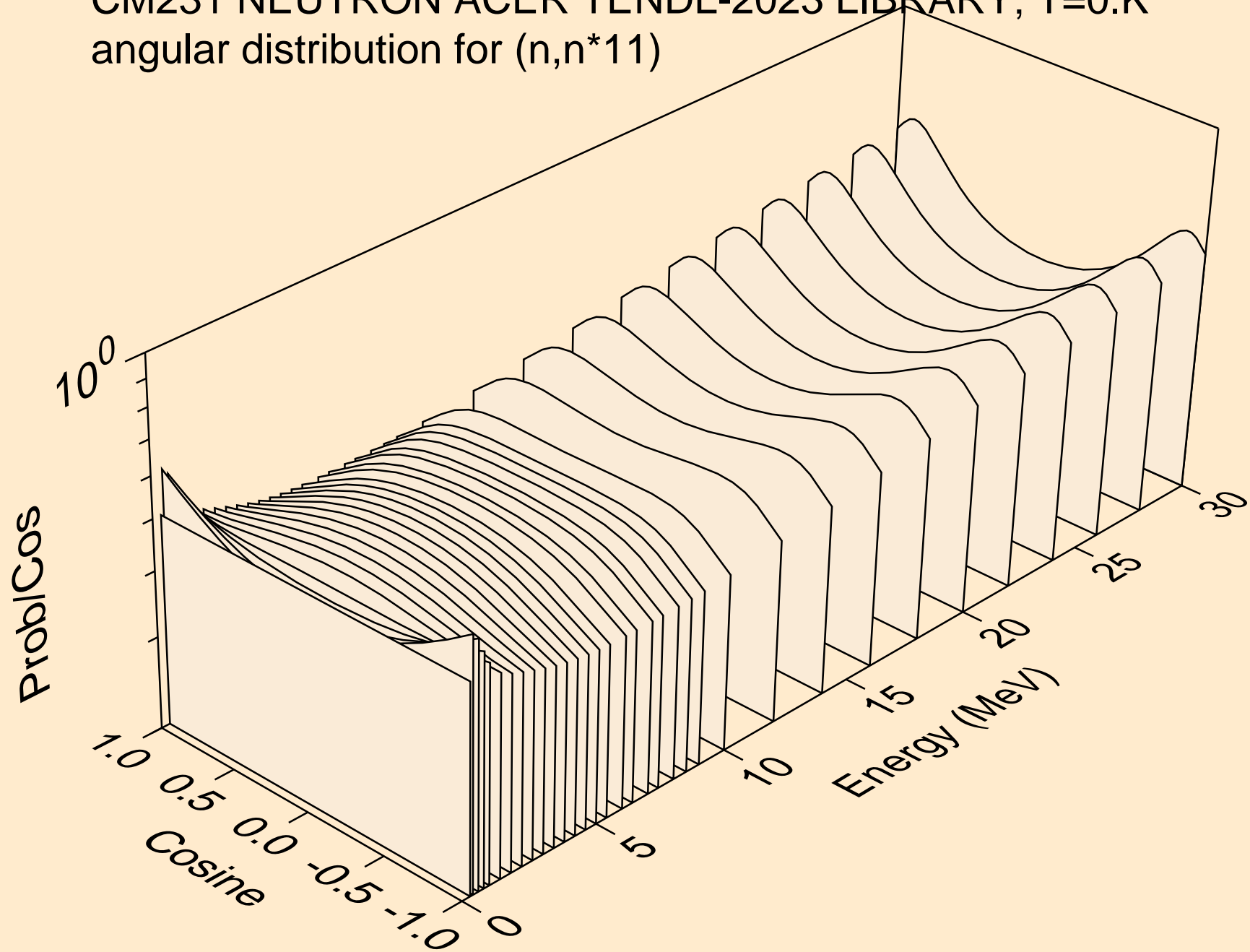
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



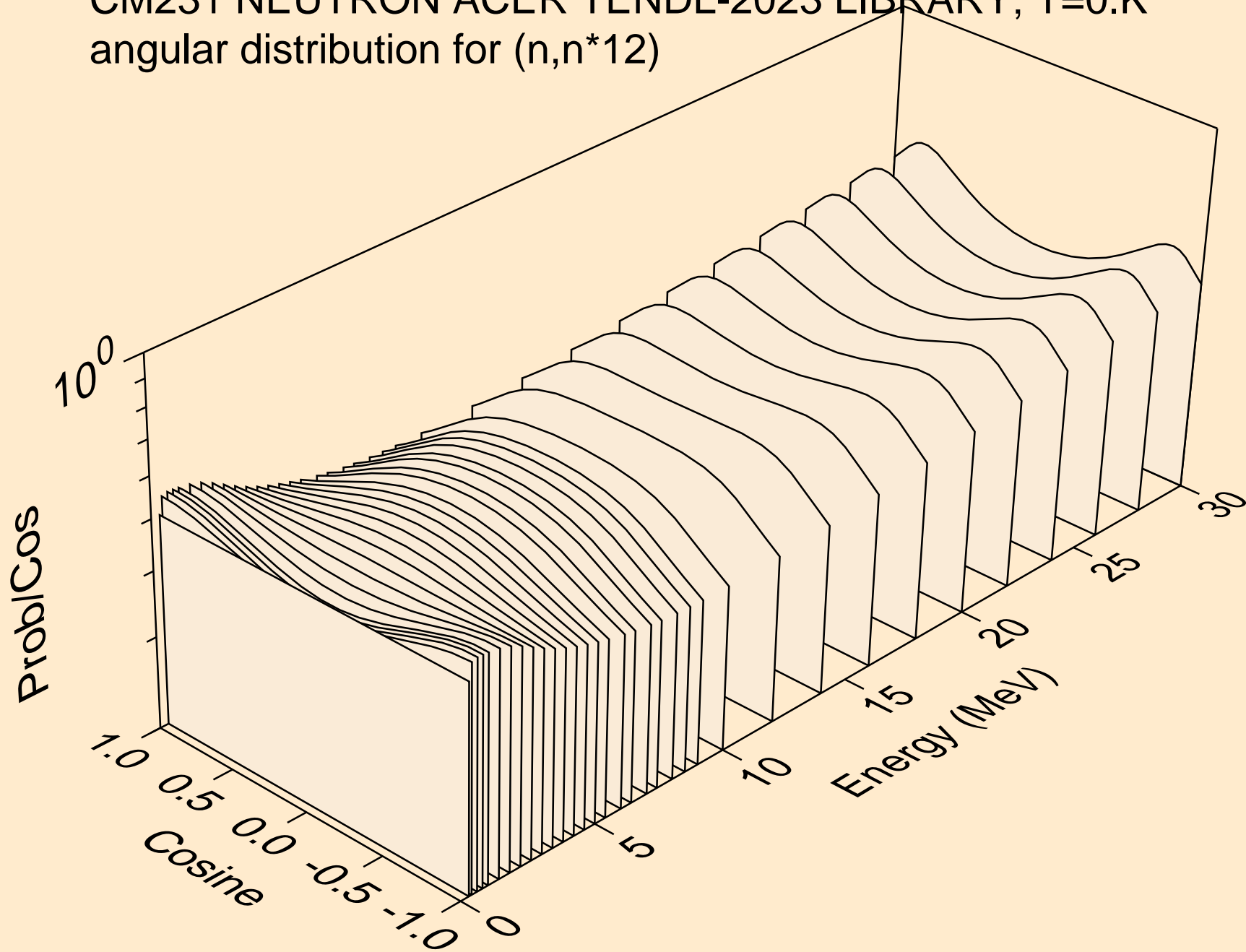
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



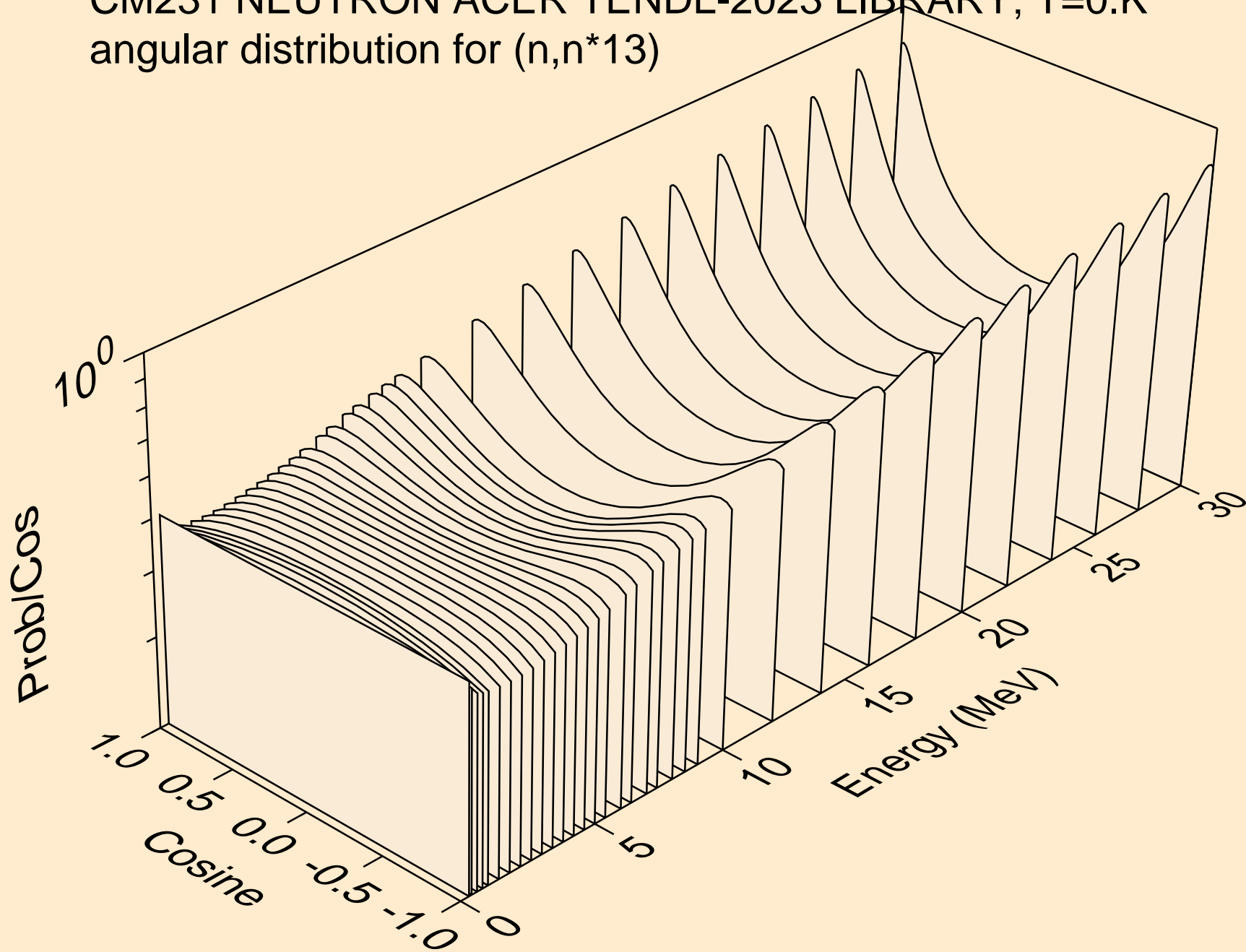
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



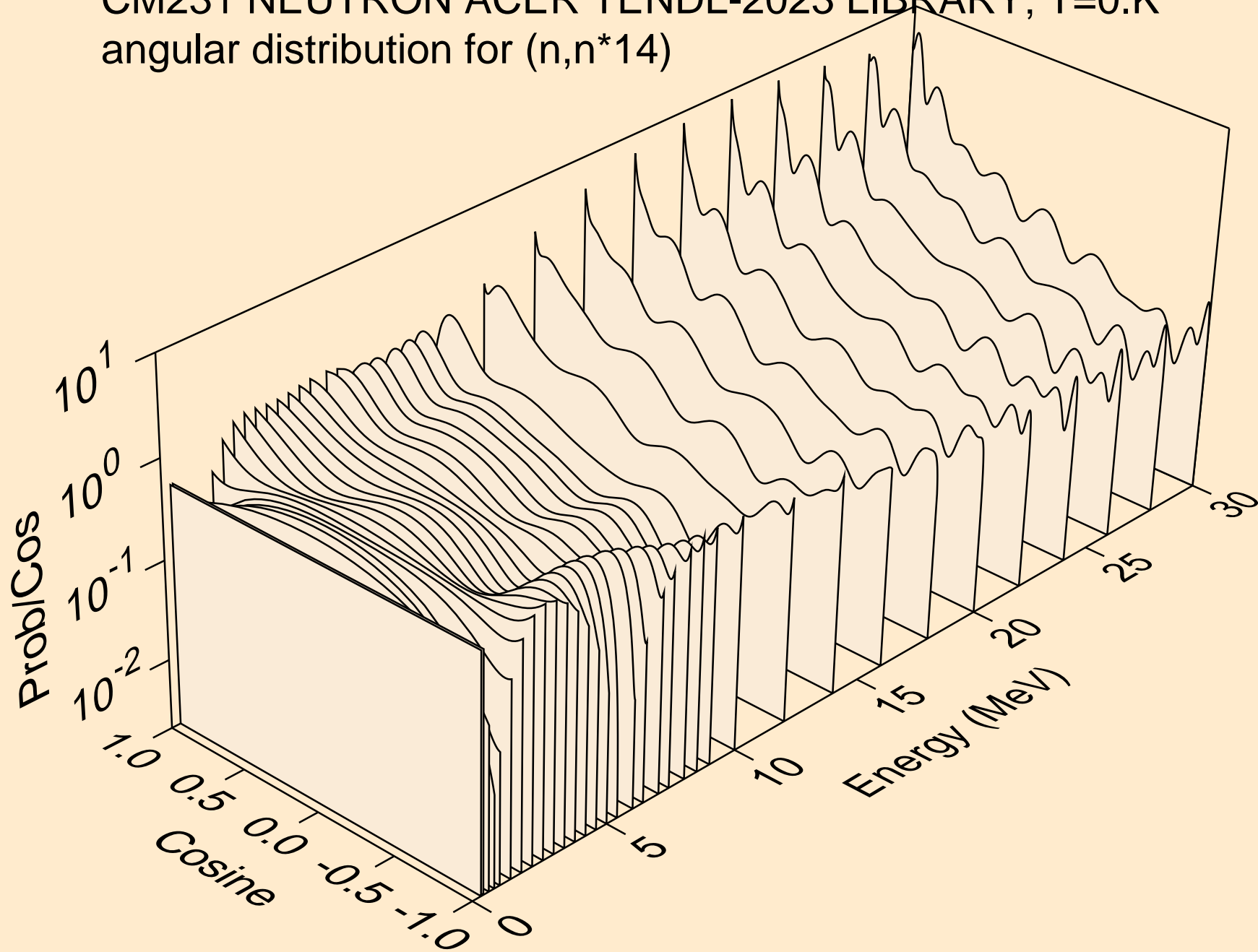
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angular distribution for (n,n*12)



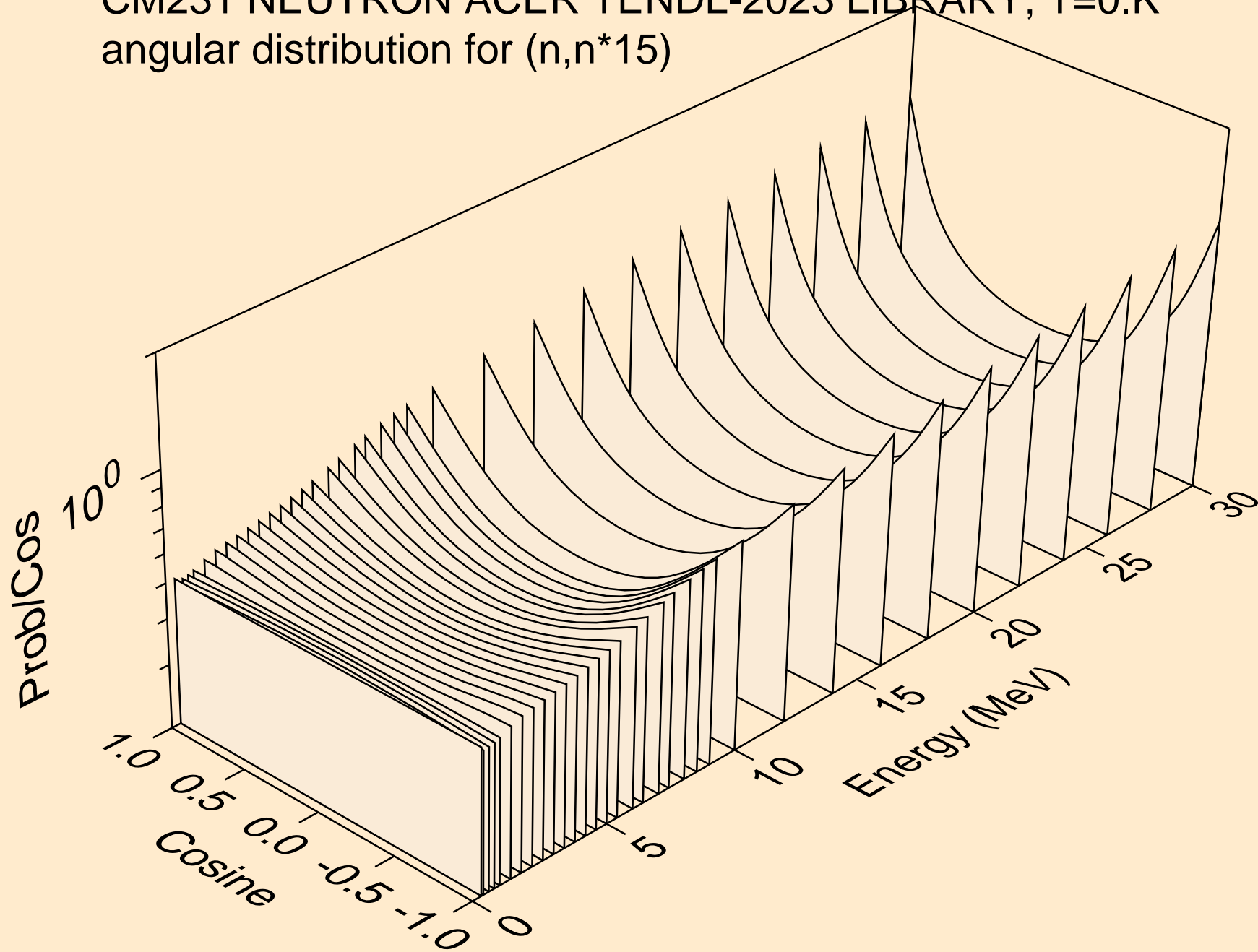
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)

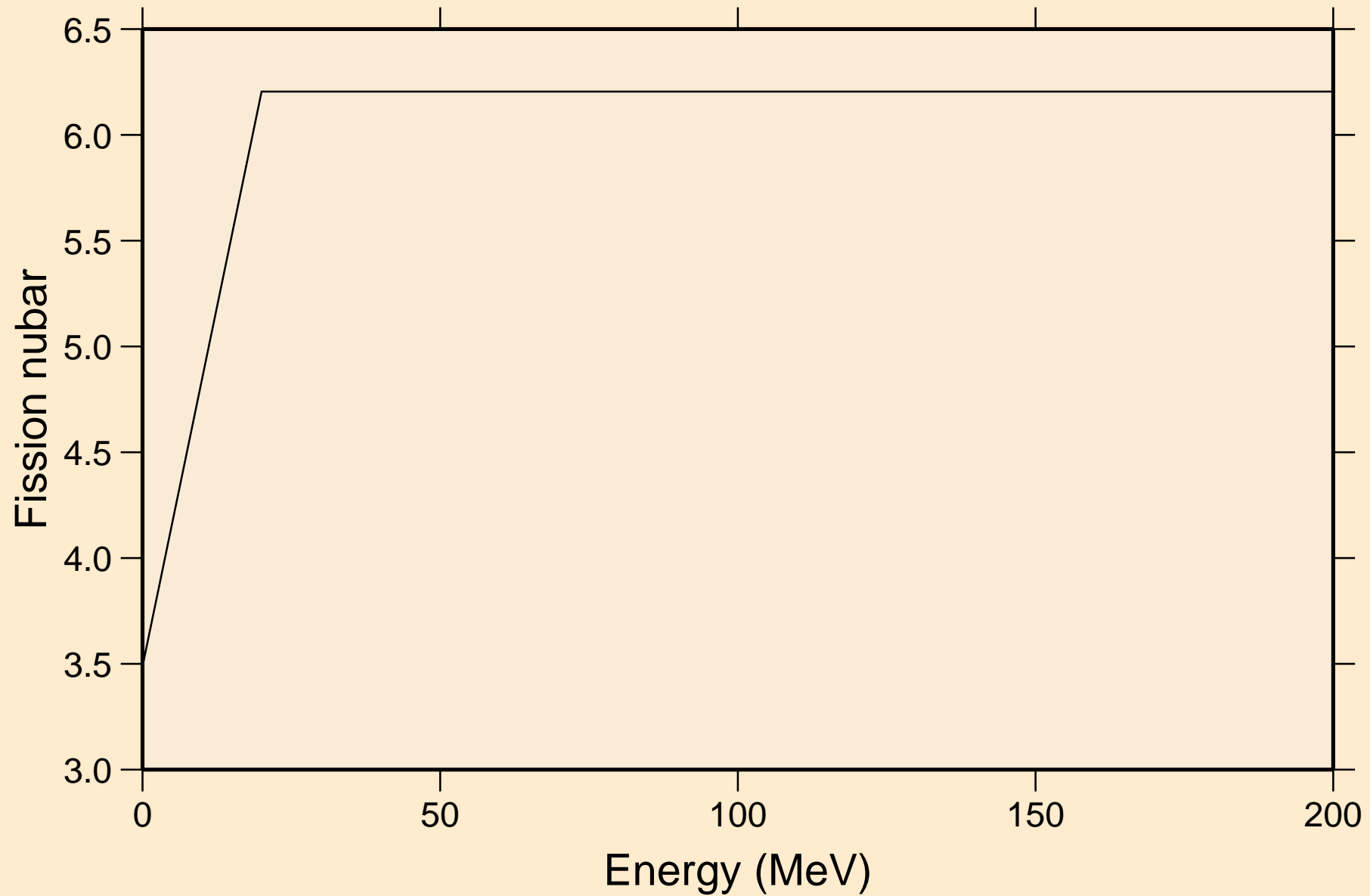


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)

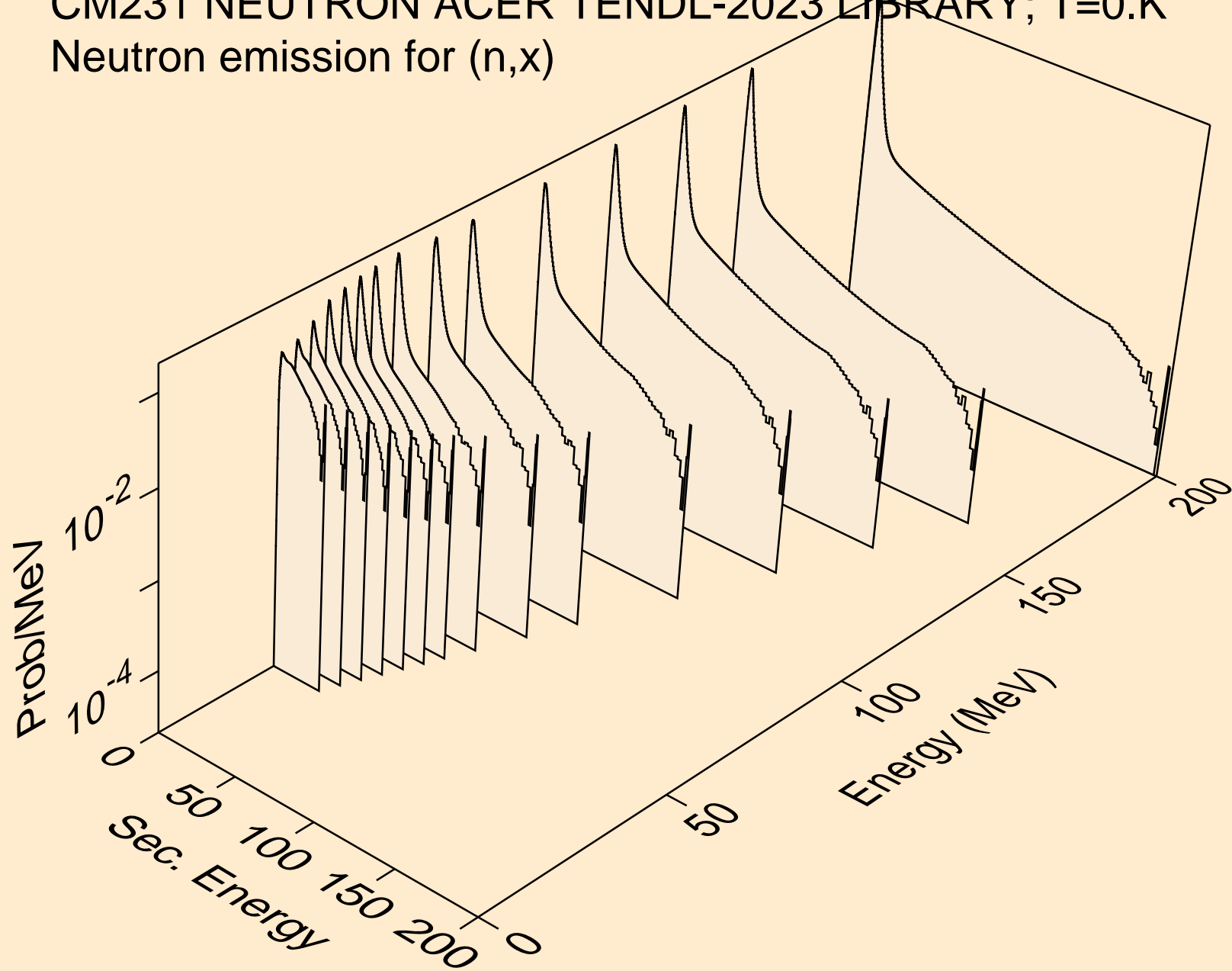


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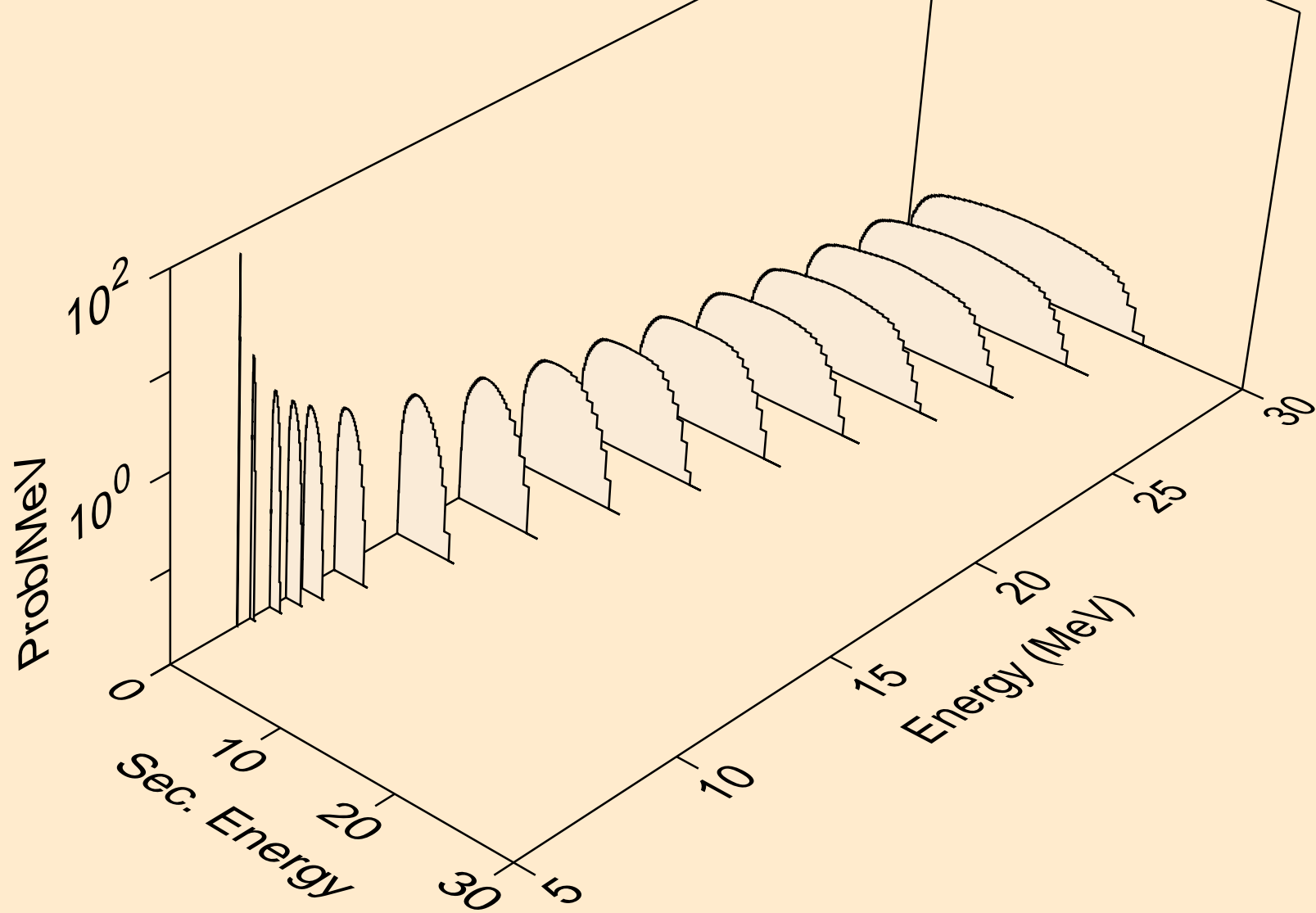
Total fission nubar



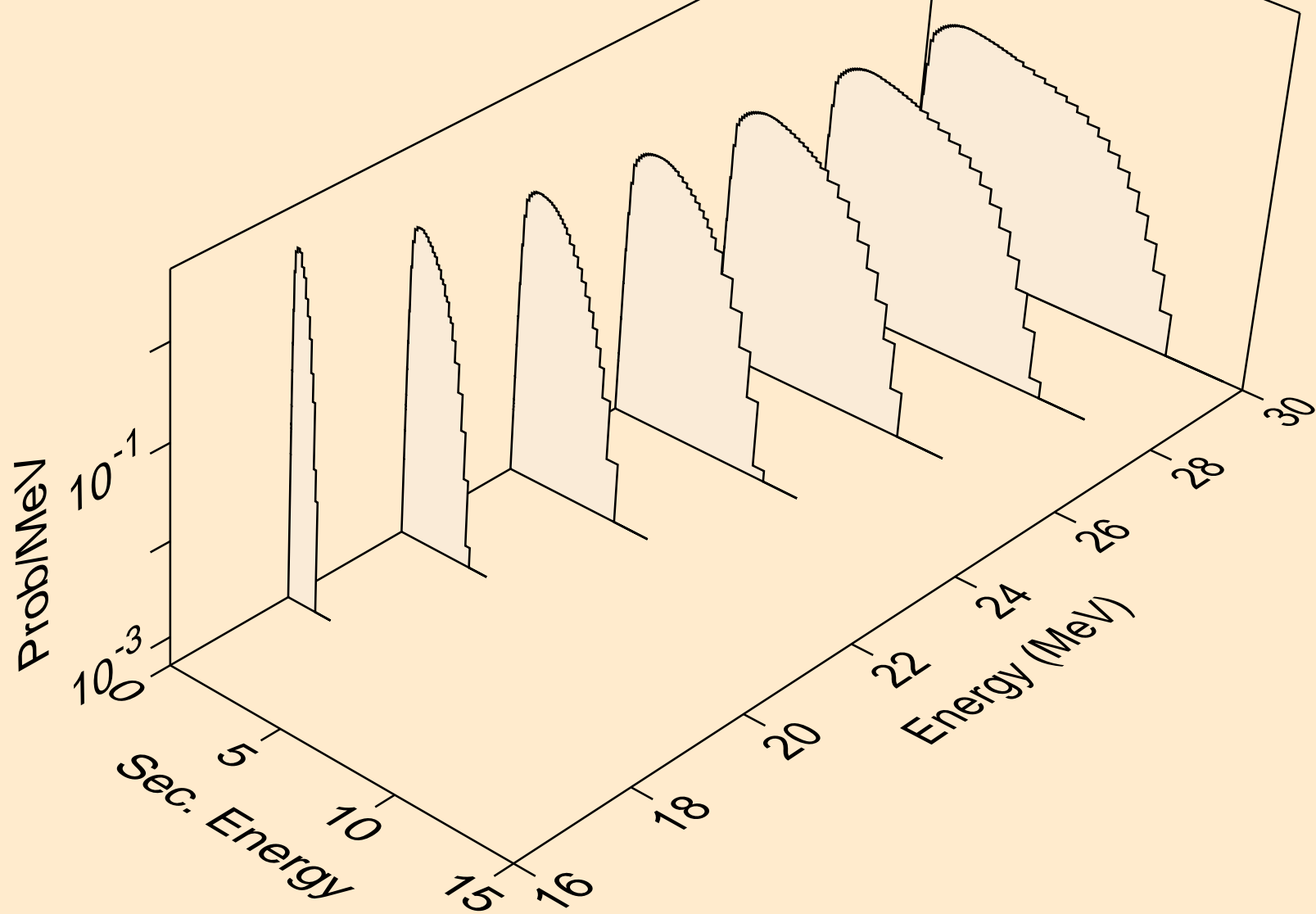
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



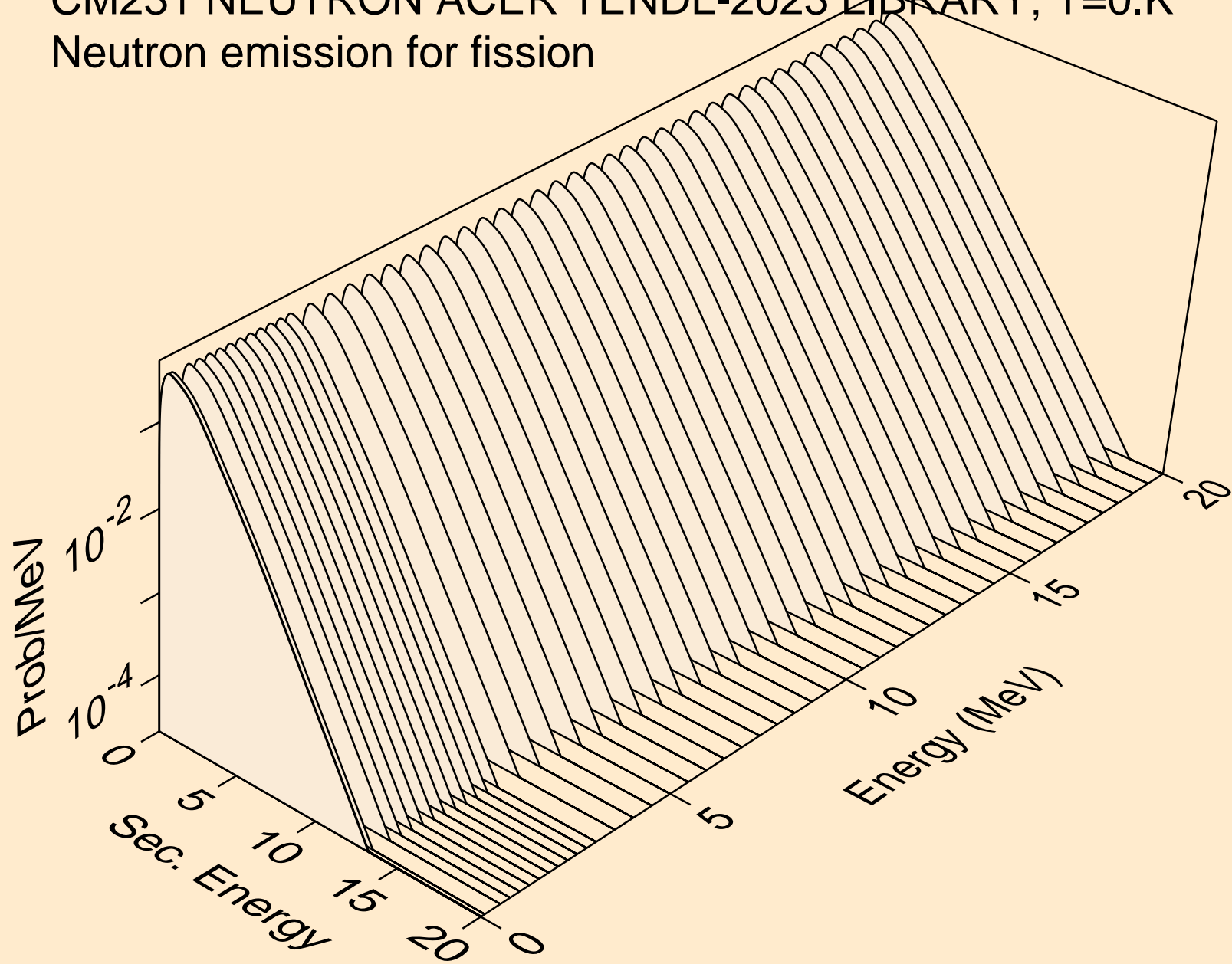
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



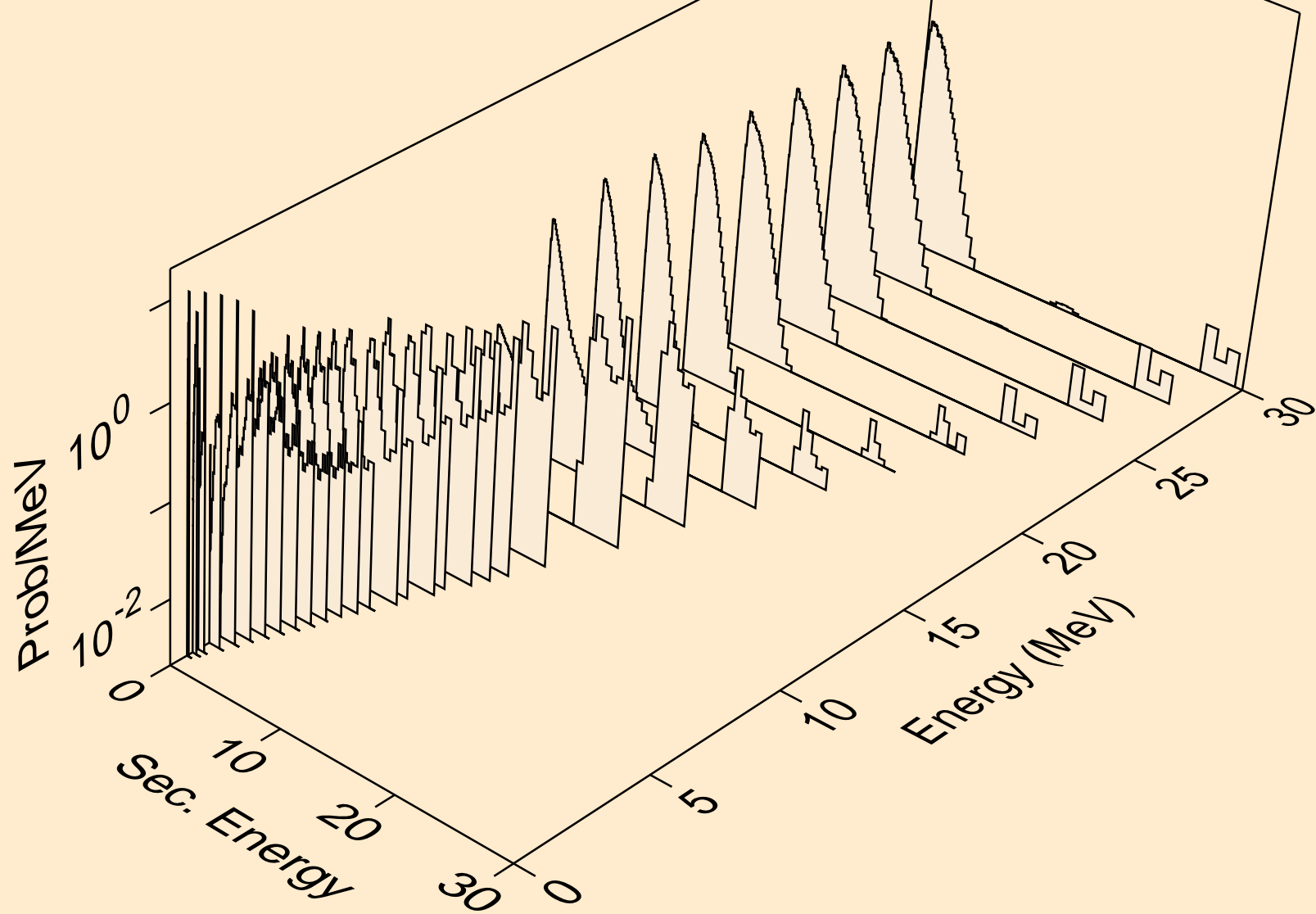
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



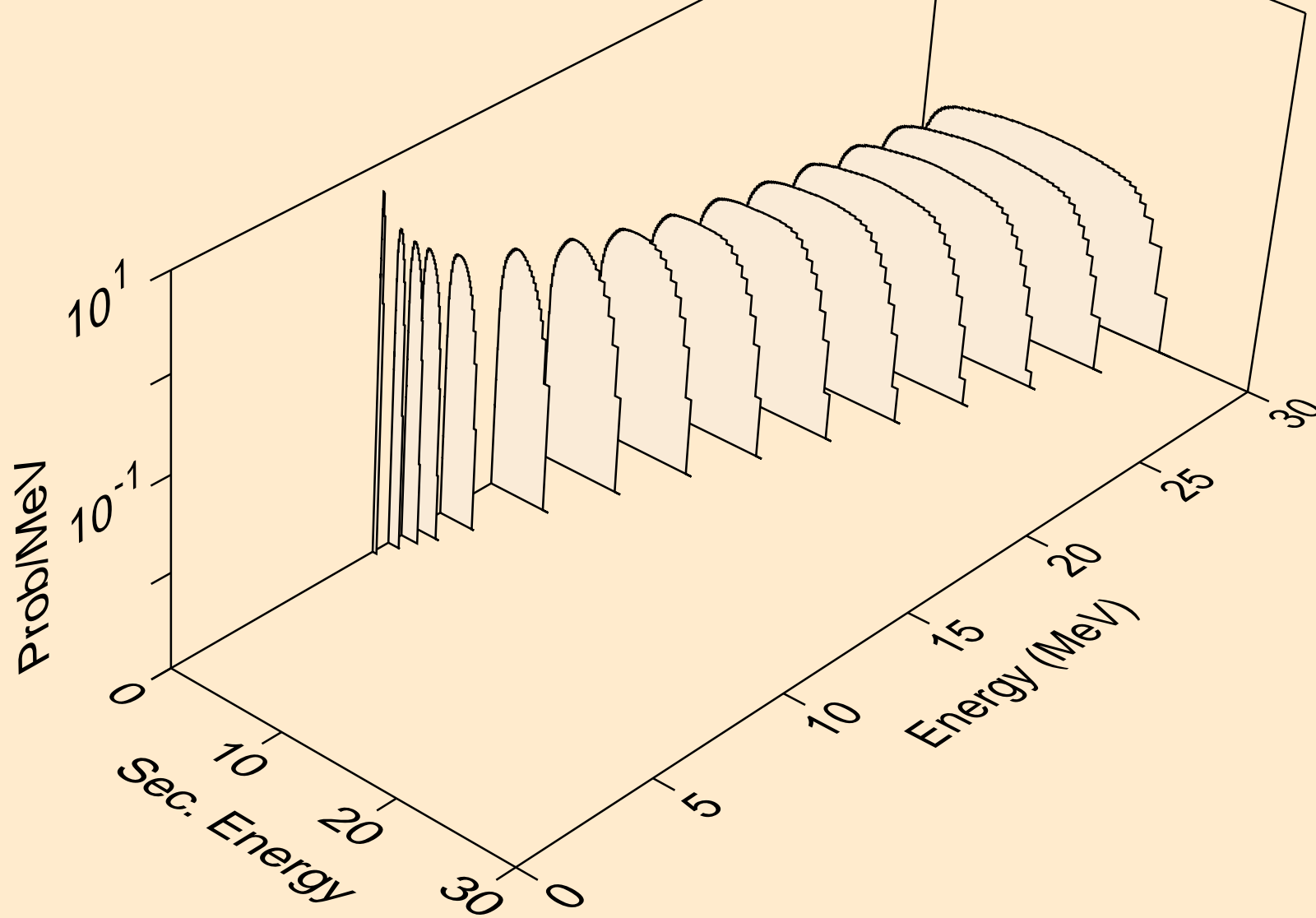
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



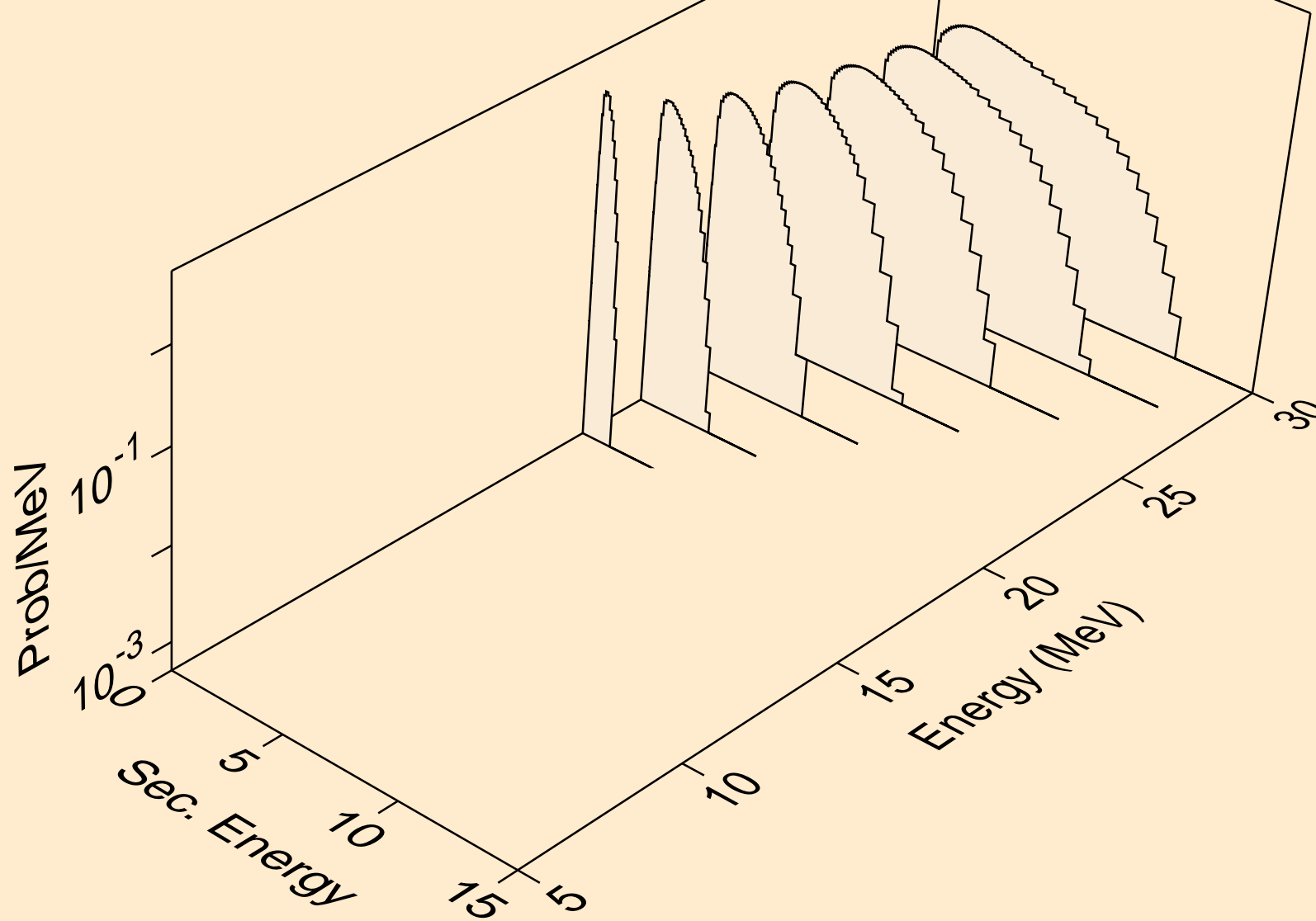
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



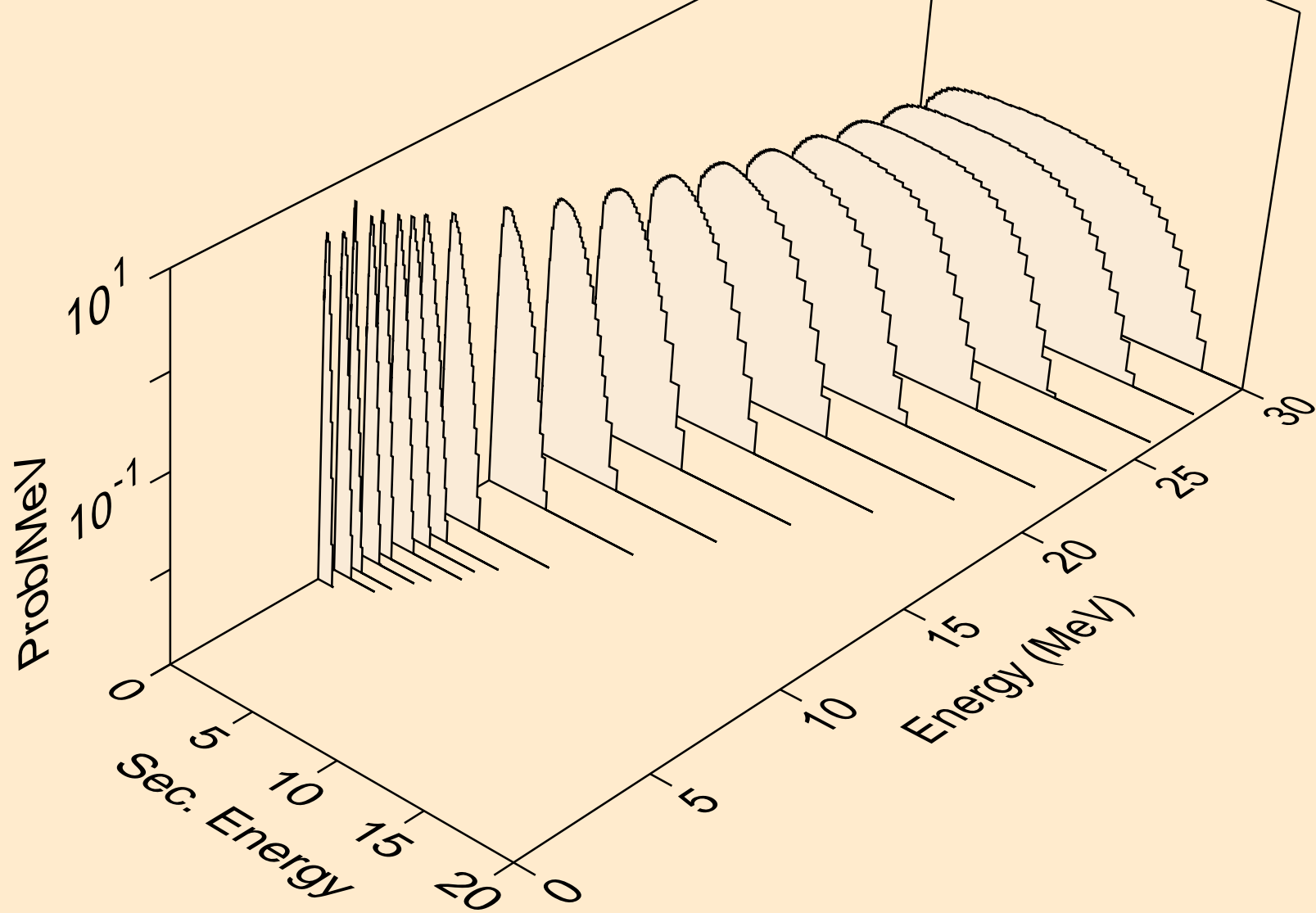
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



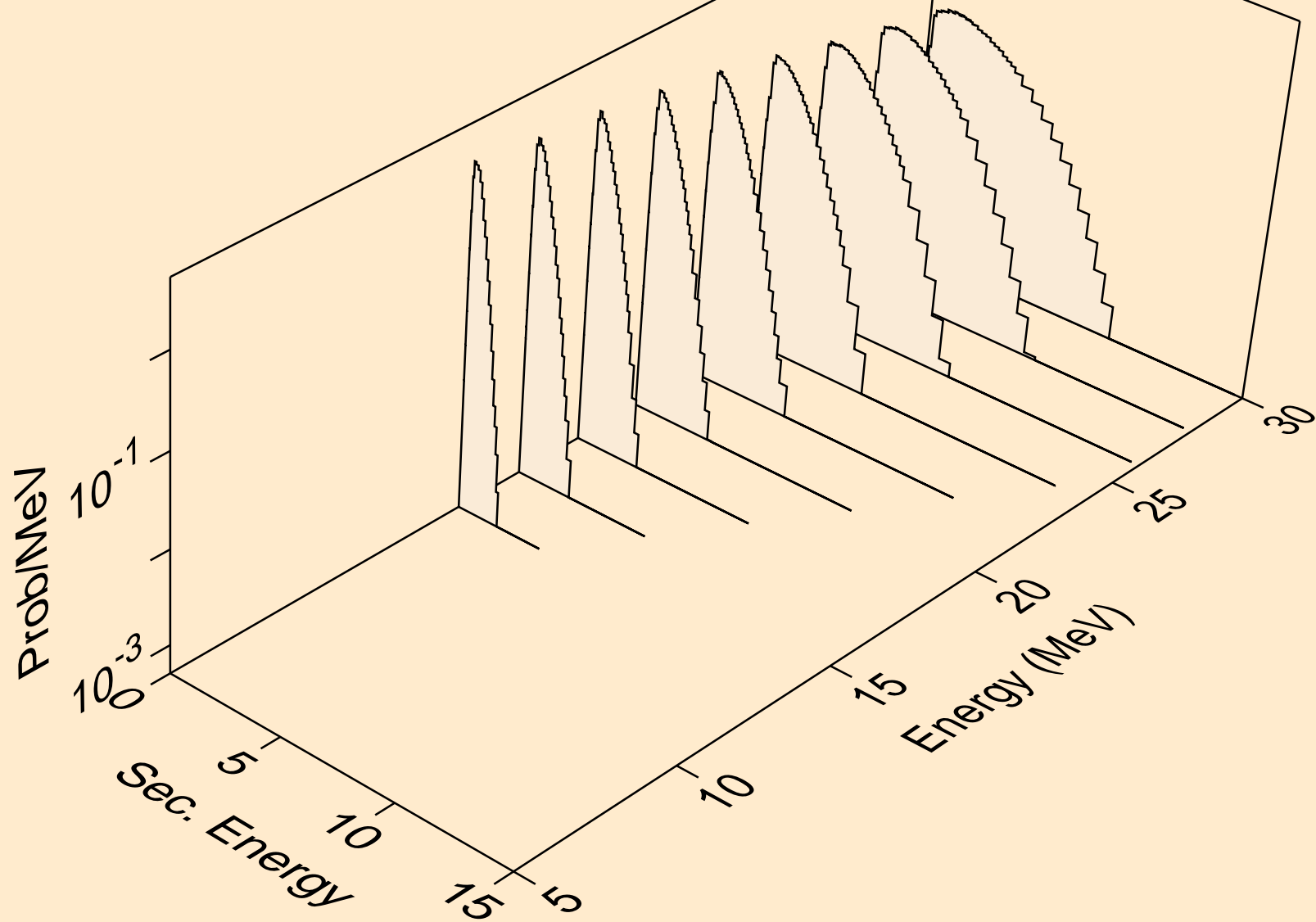
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



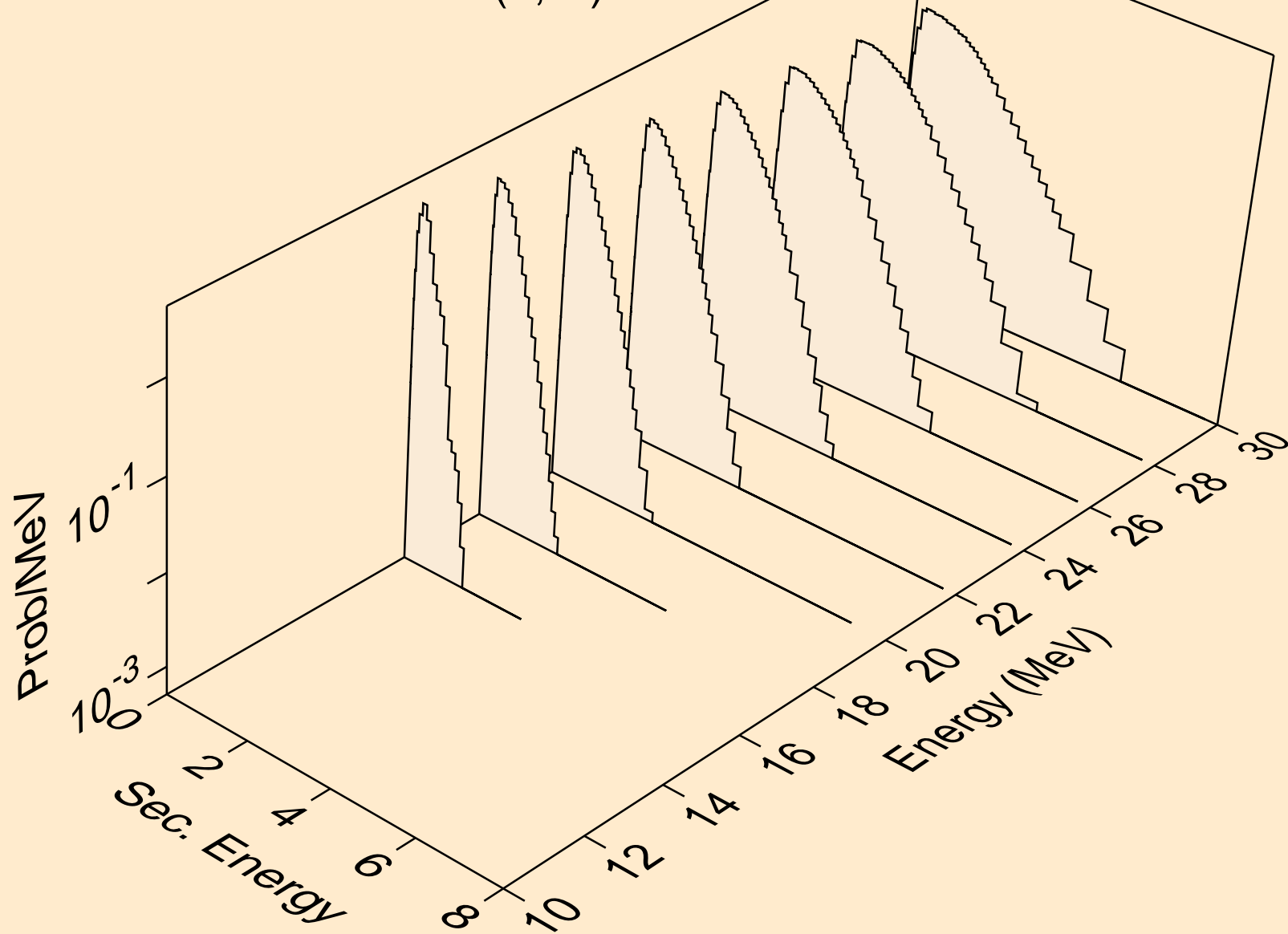
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



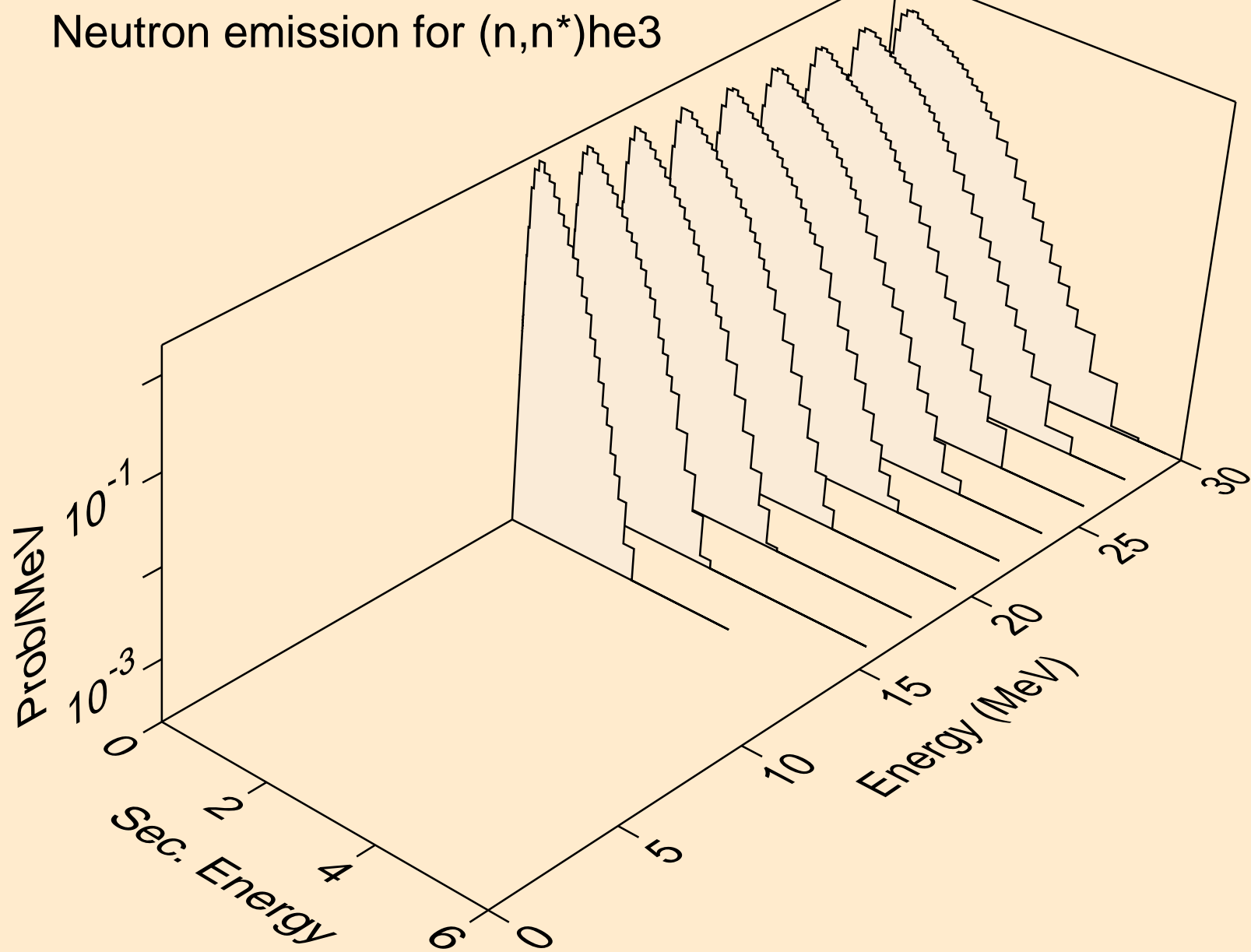
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



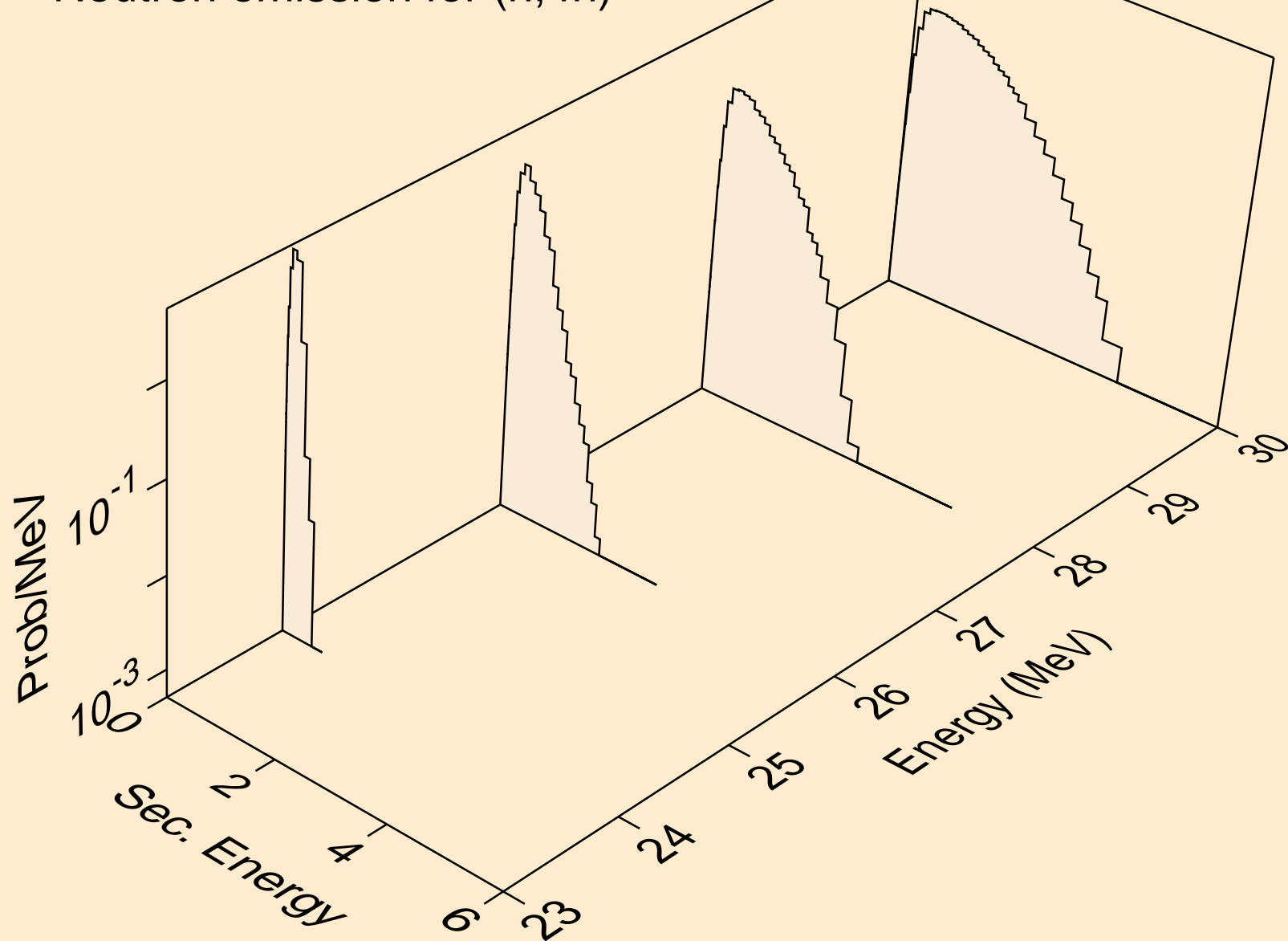
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



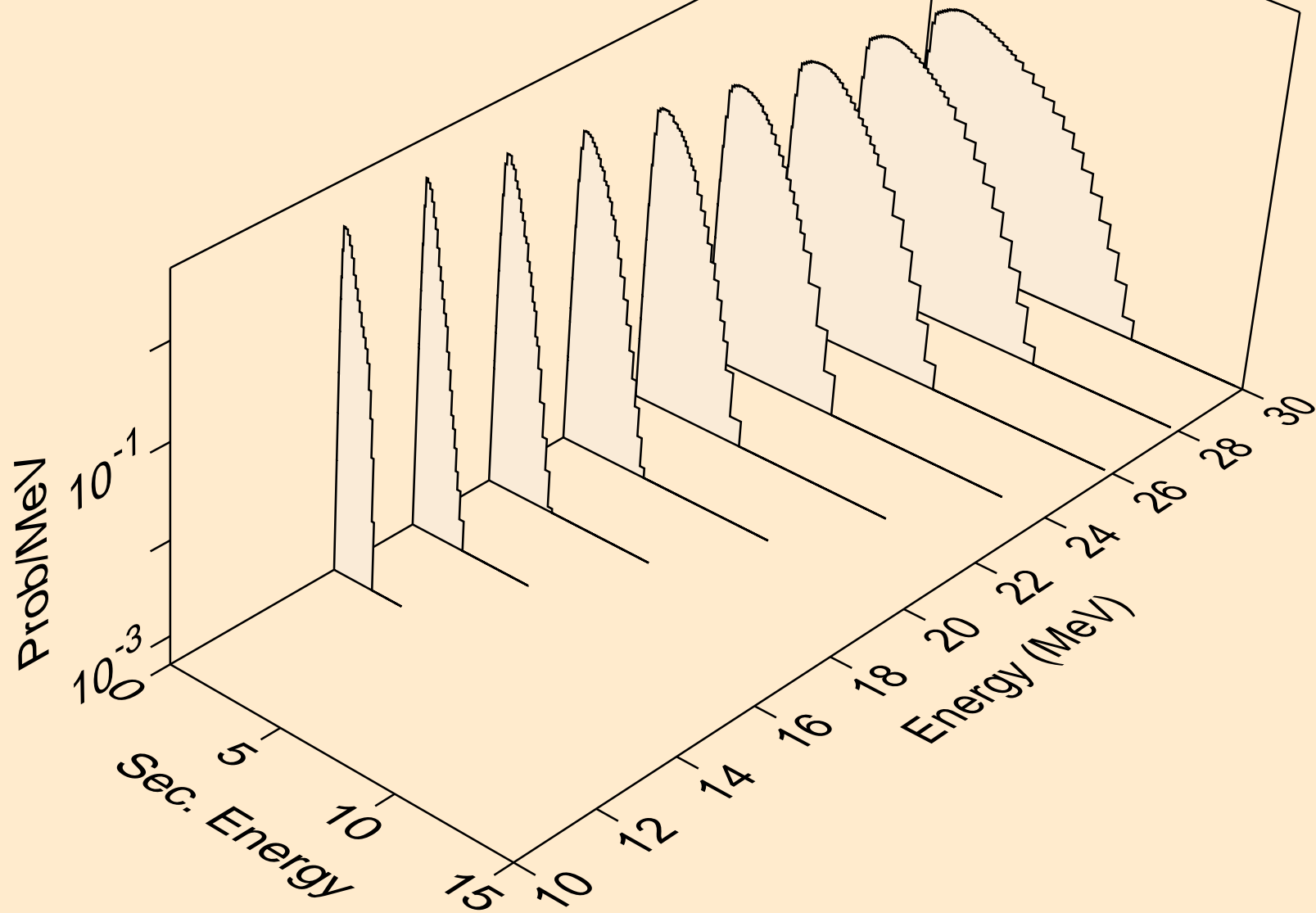
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



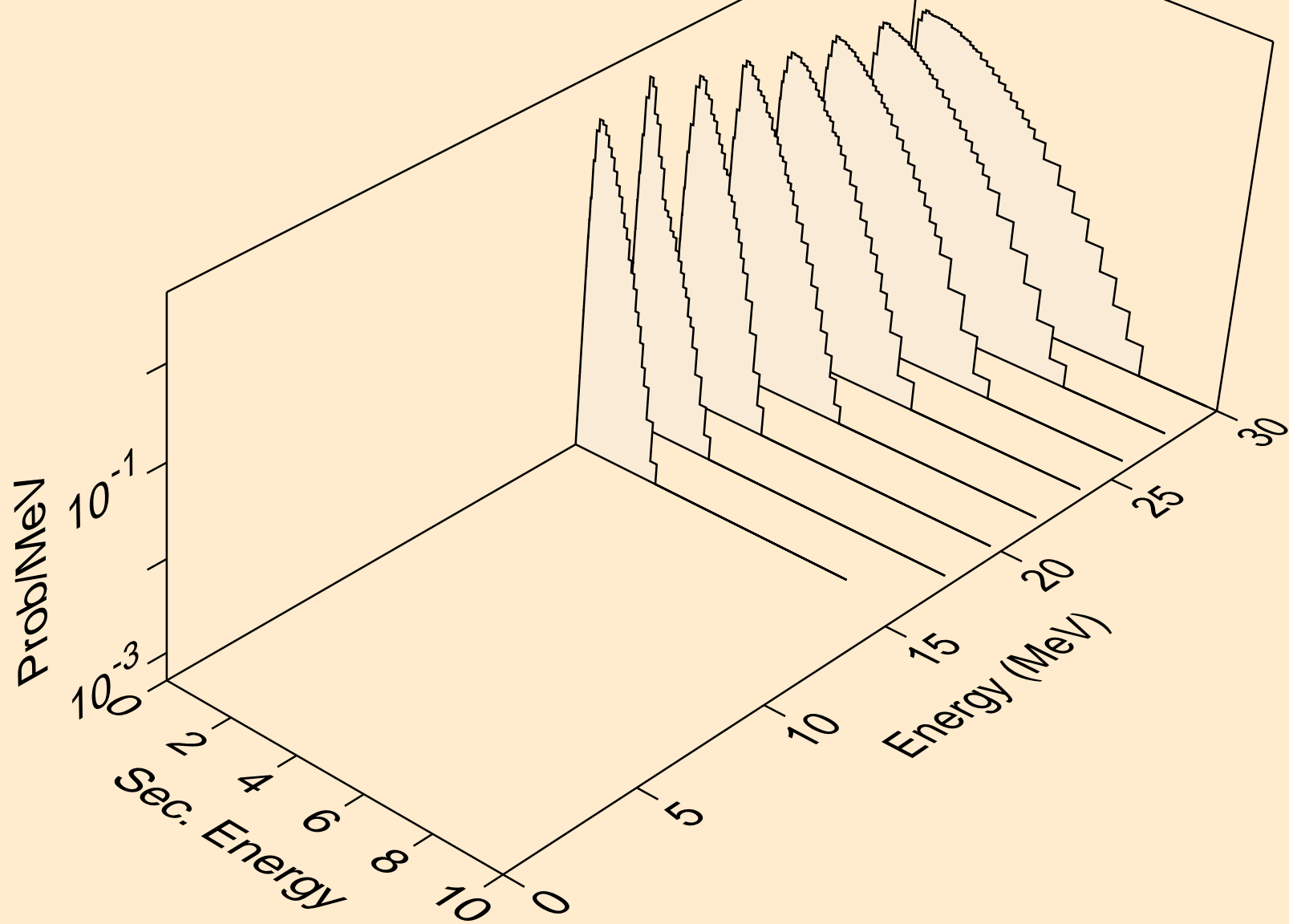
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



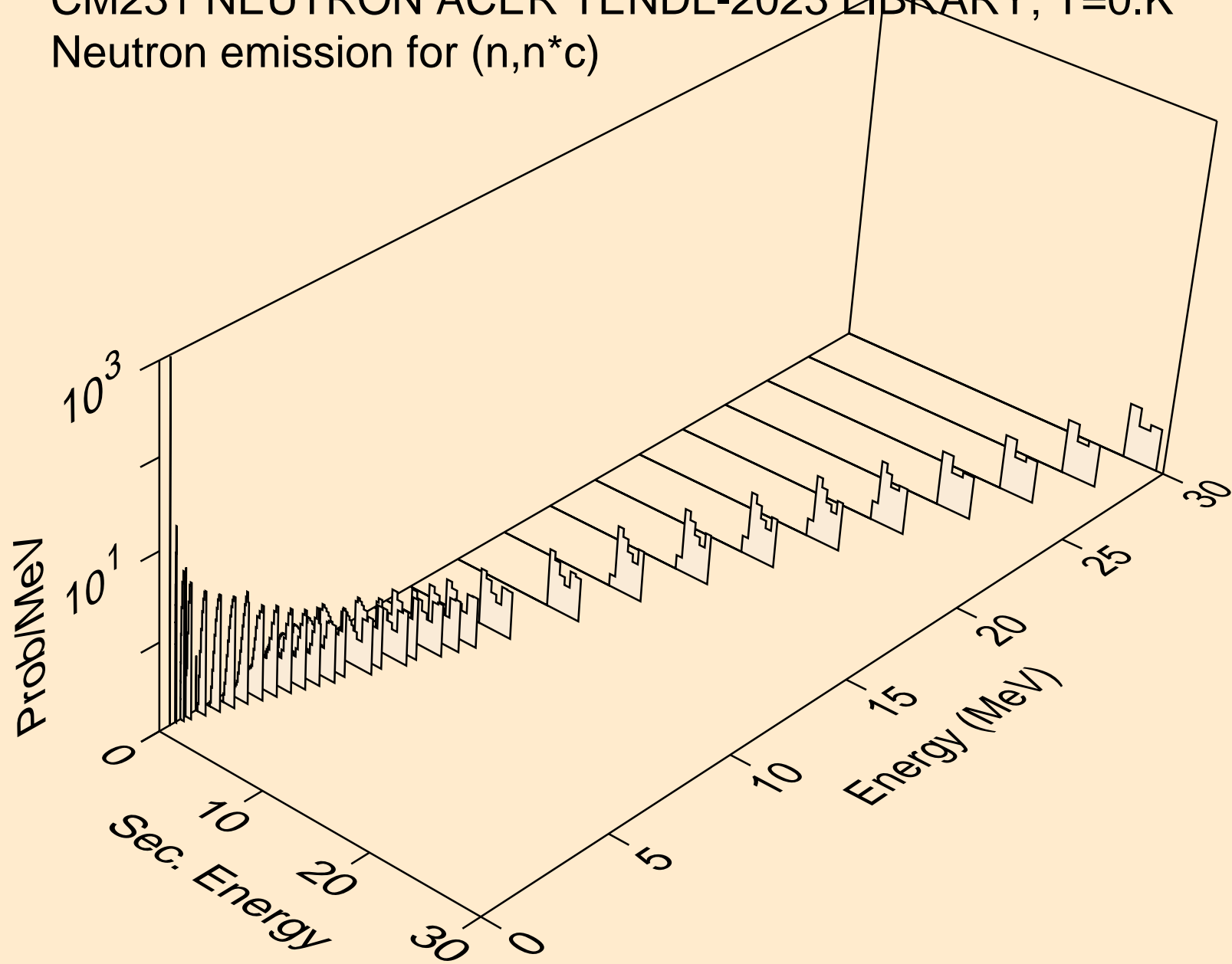
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)

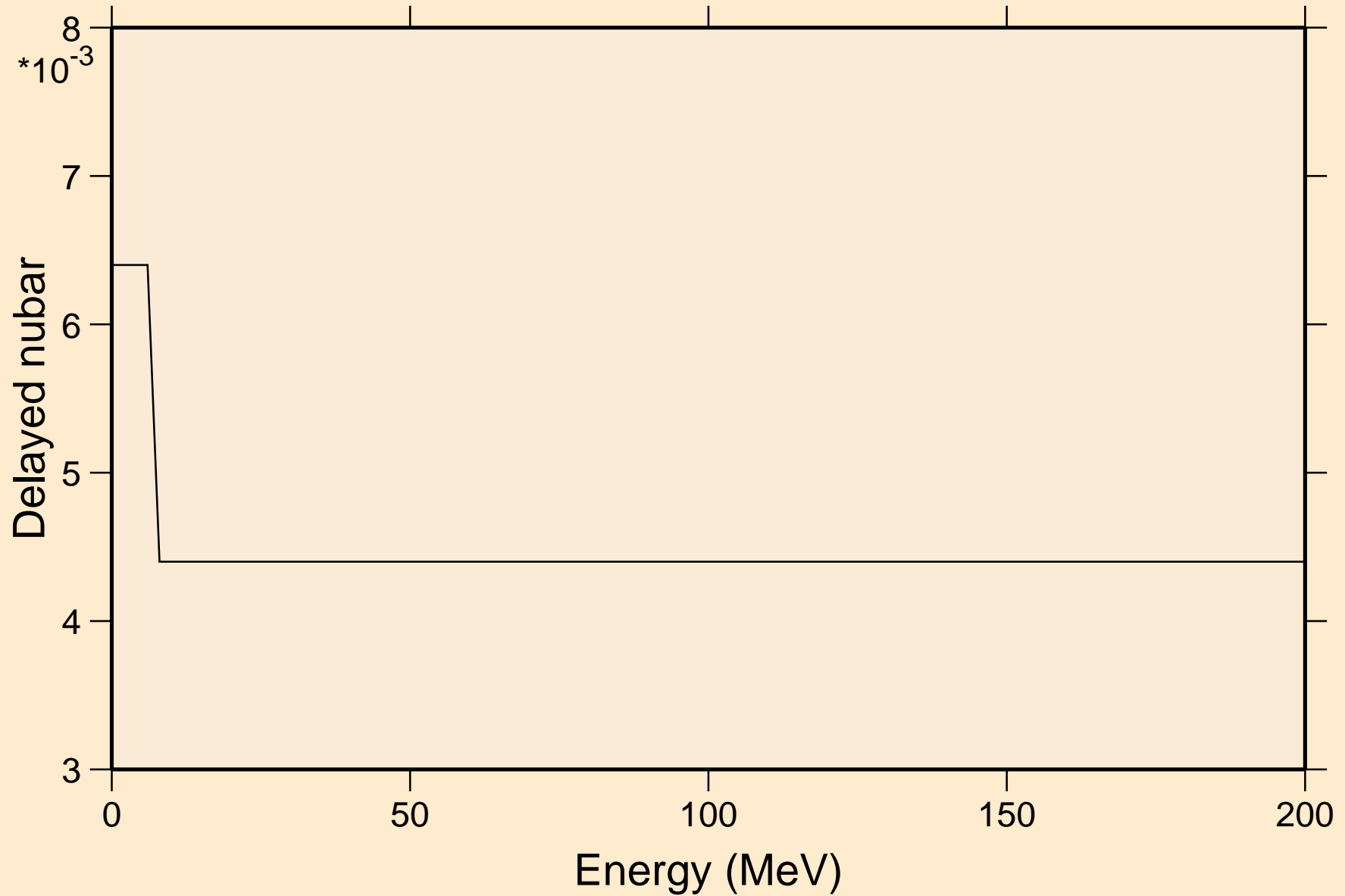


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



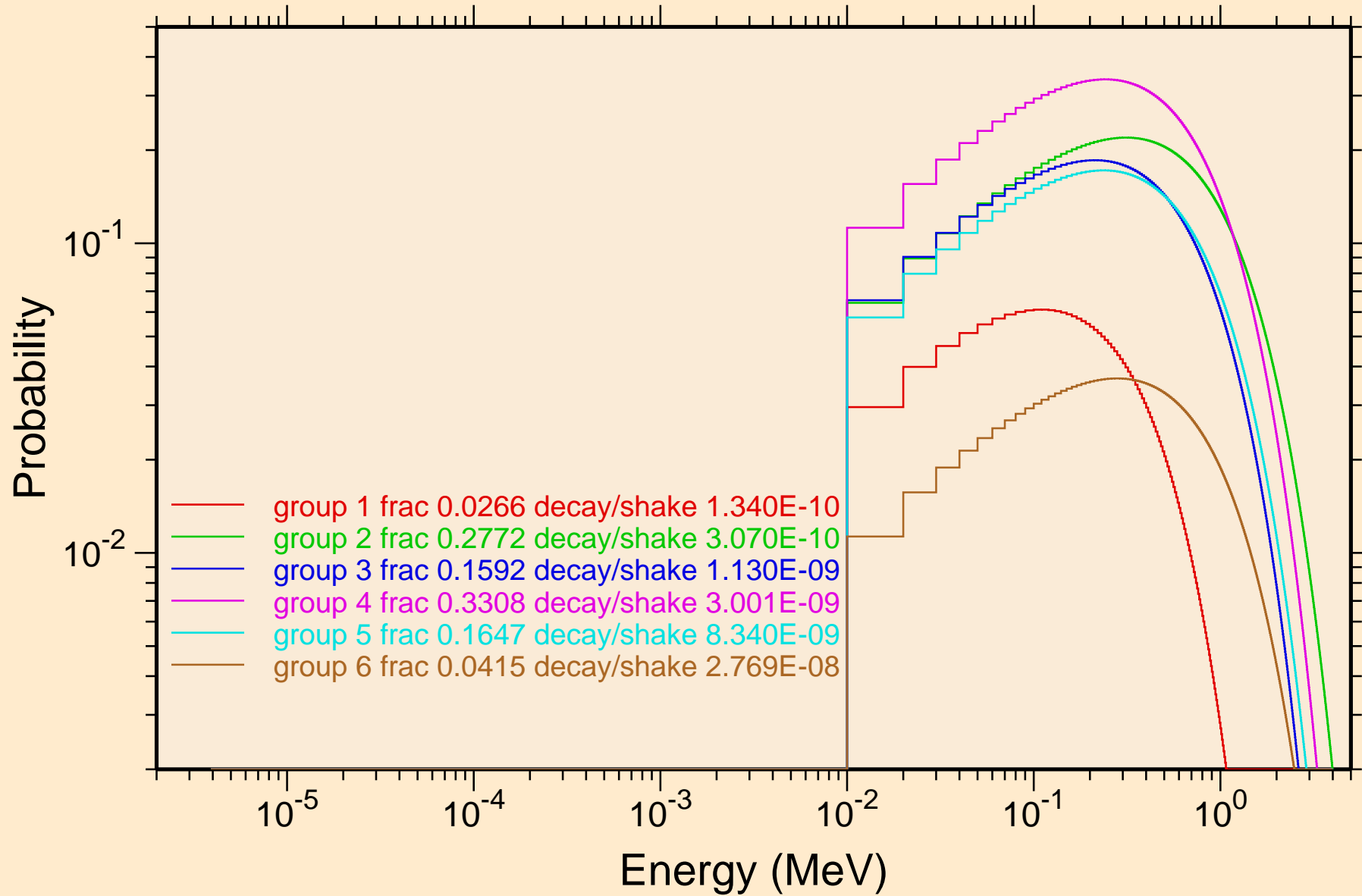
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Delayed nubar

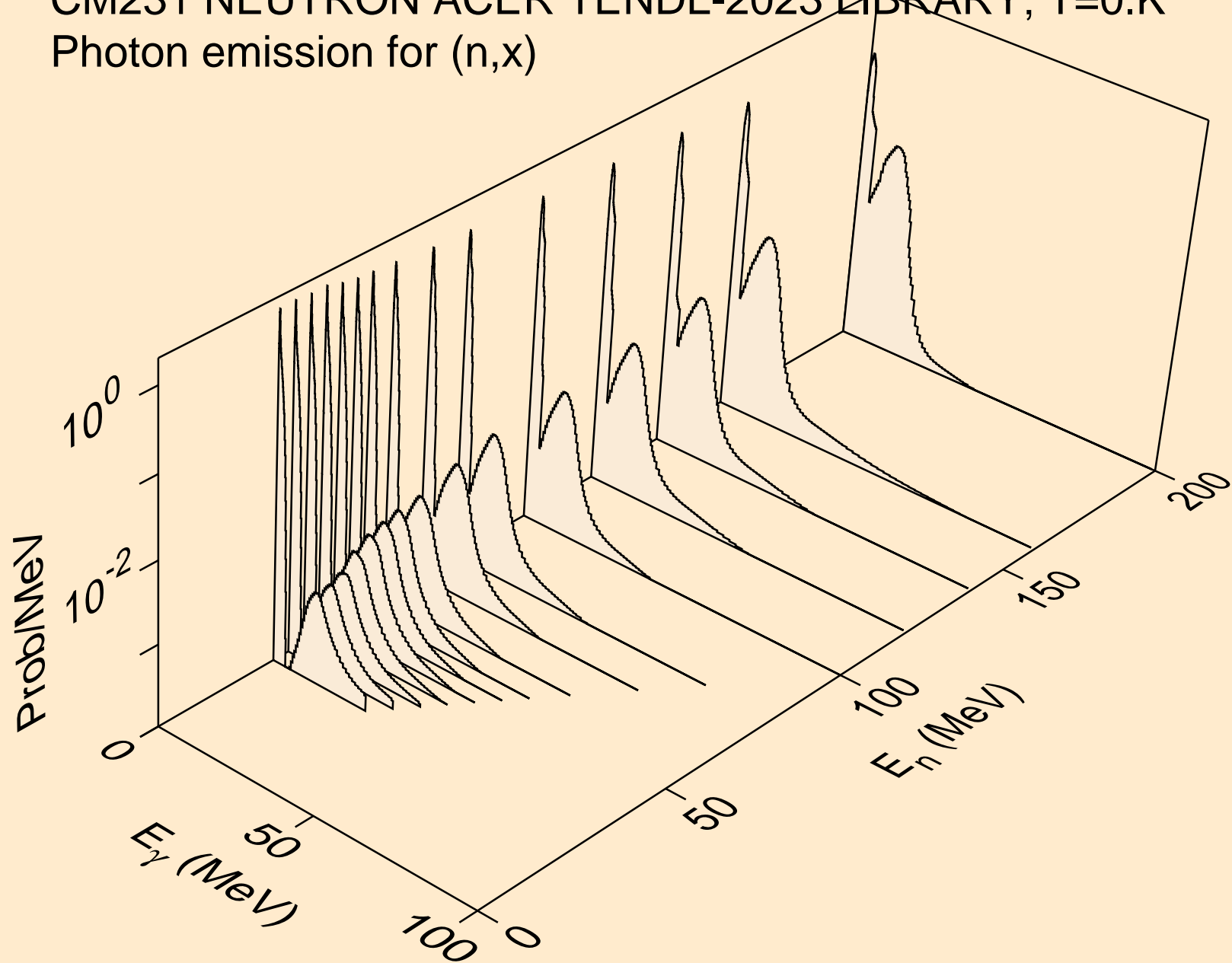


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

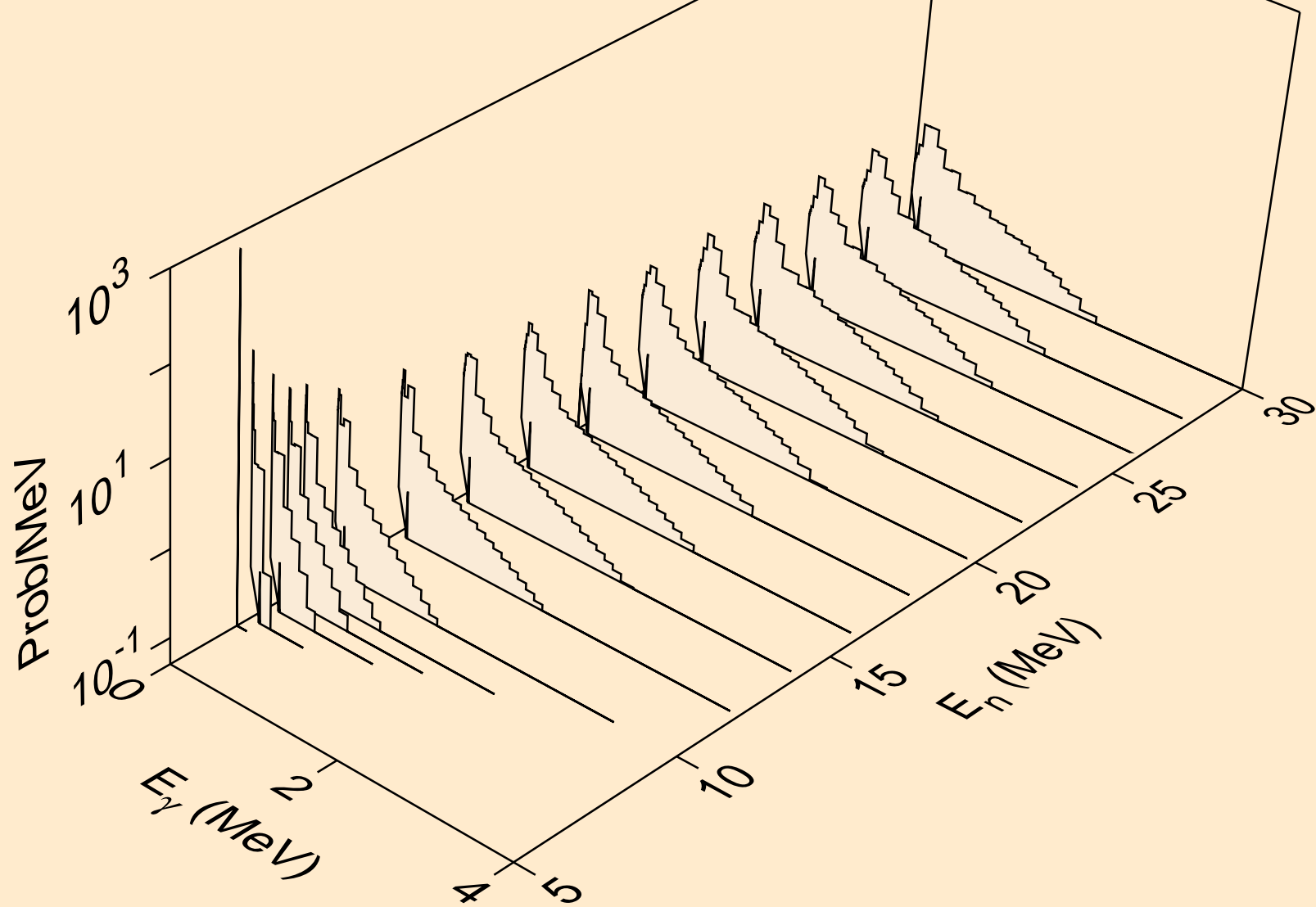
Delayed neutron spectra



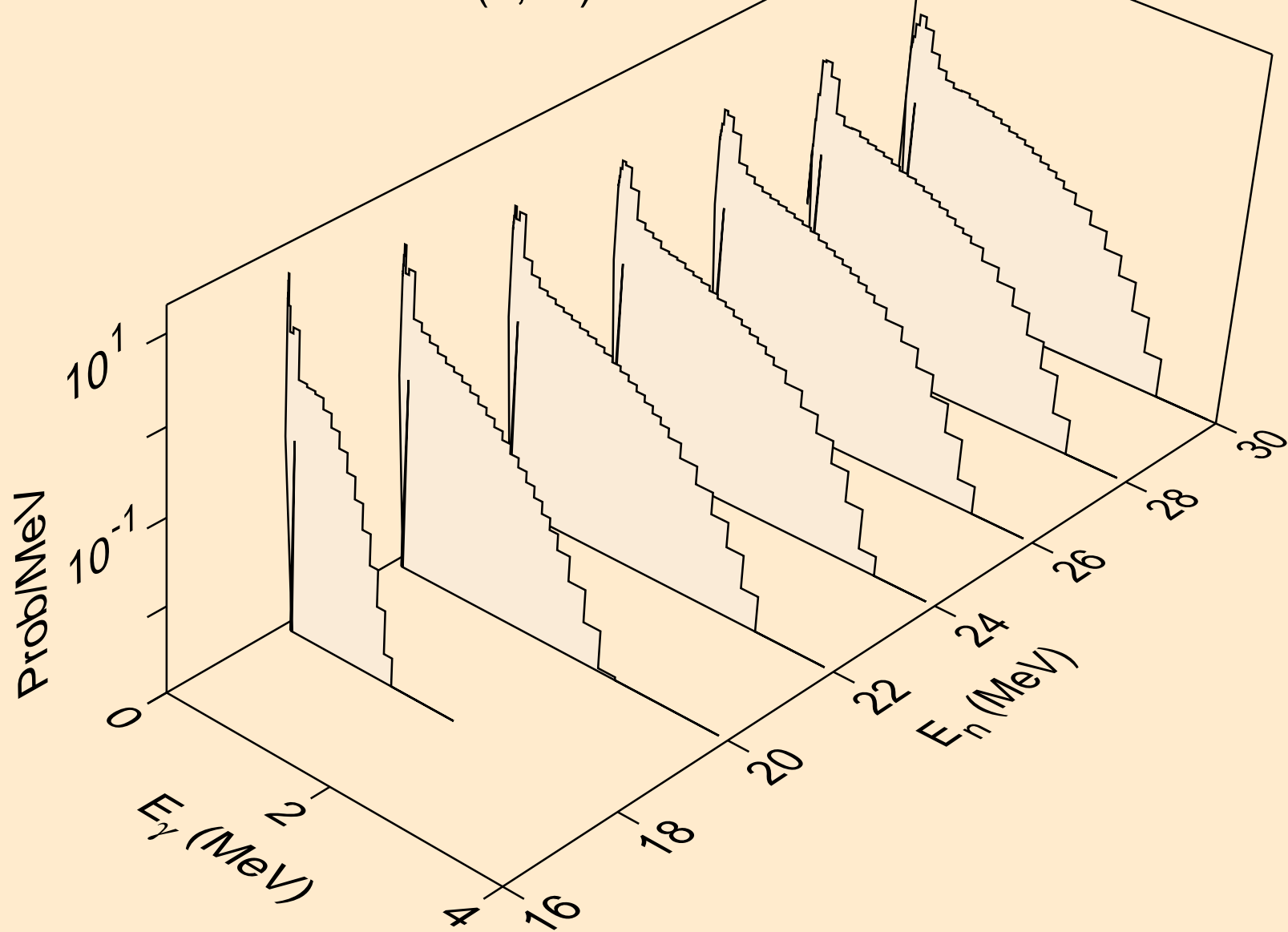
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



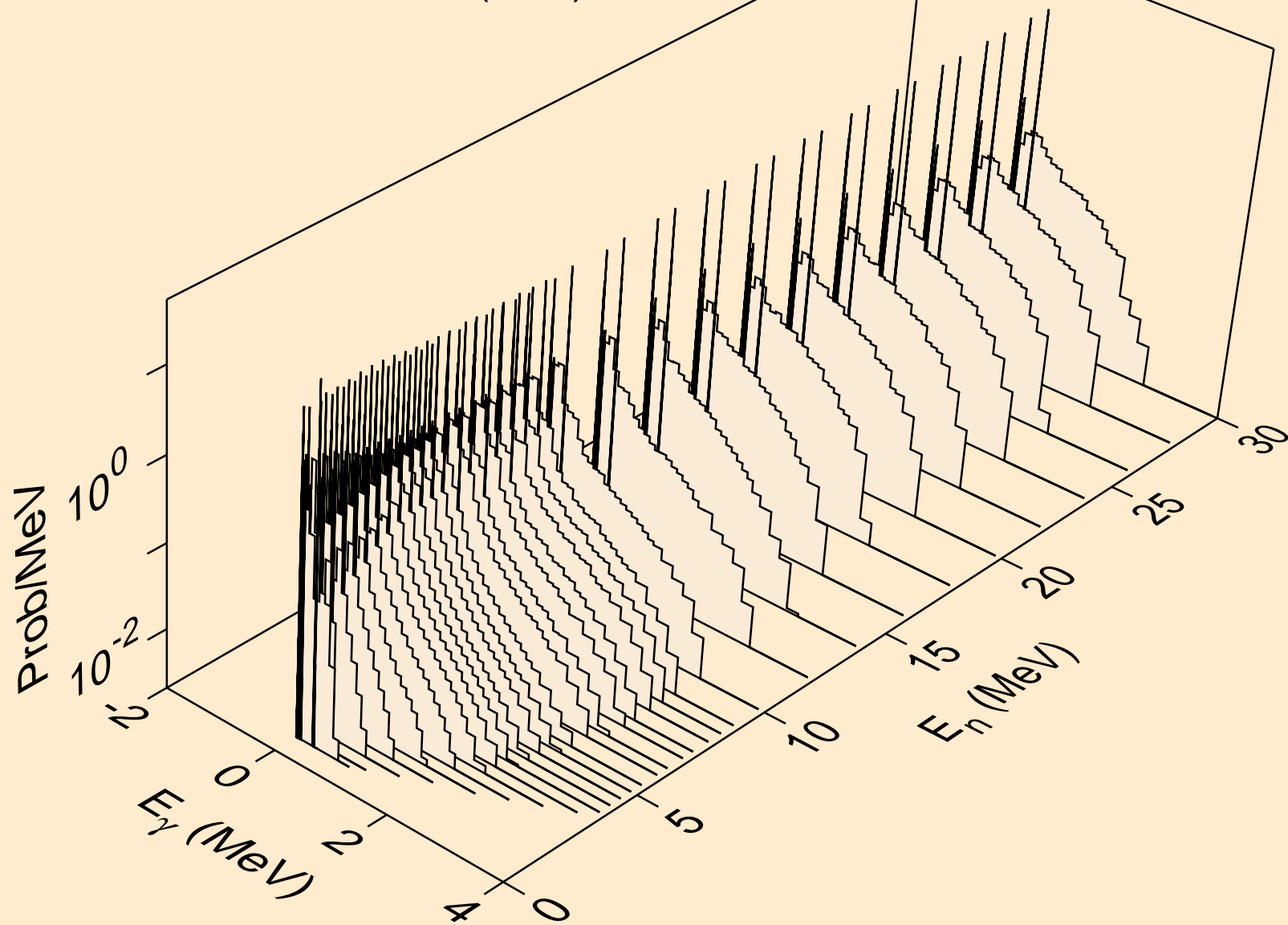
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



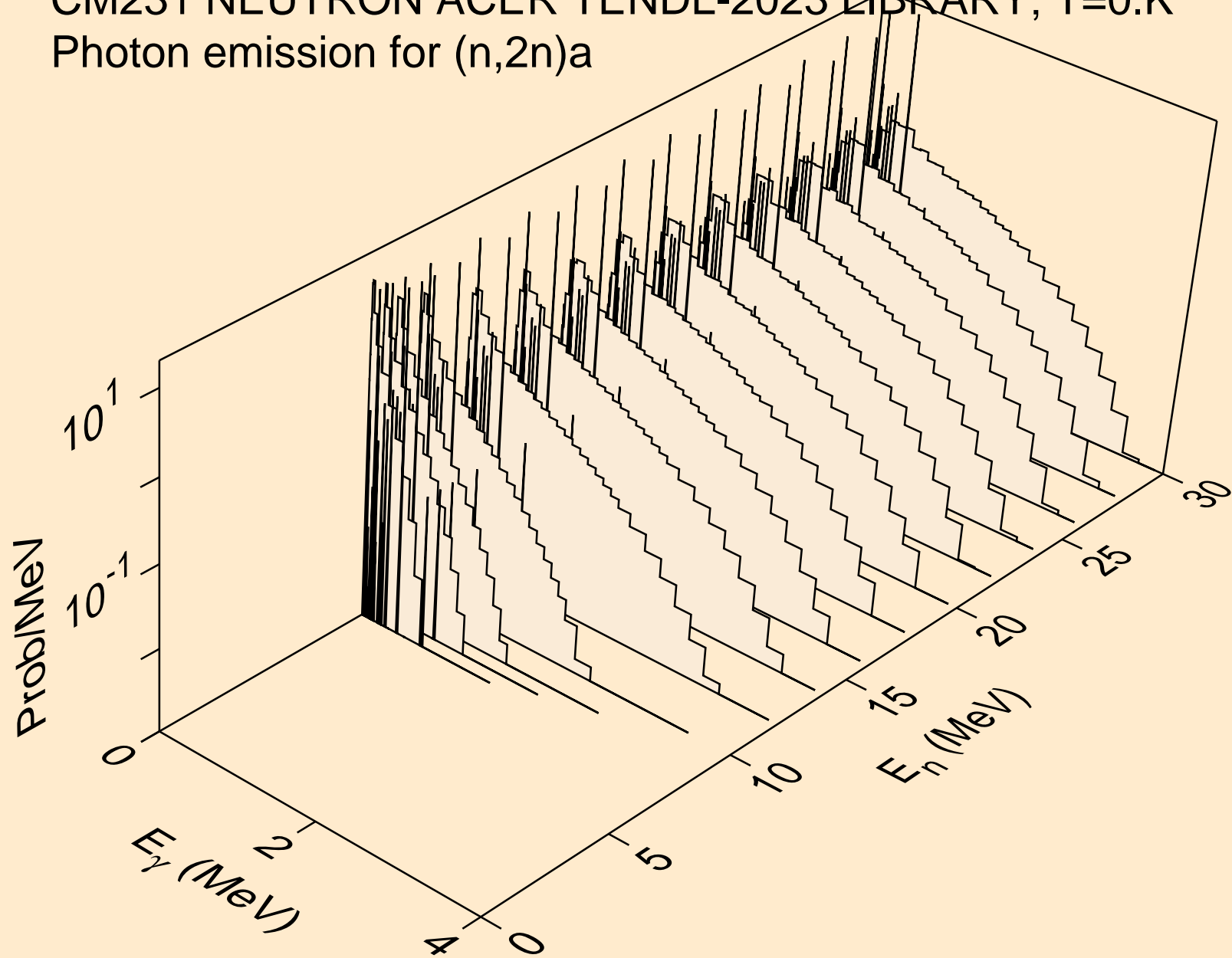
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



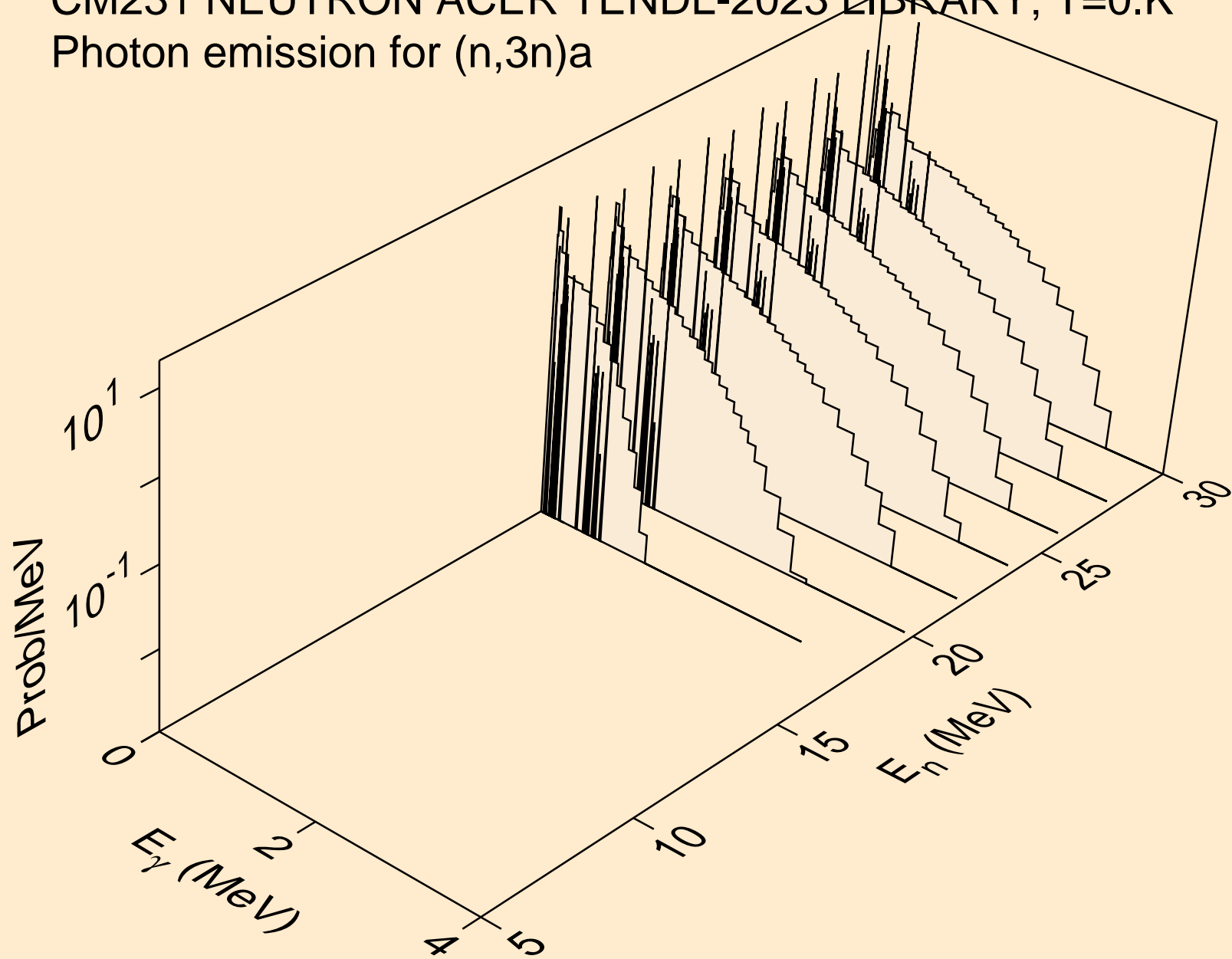
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



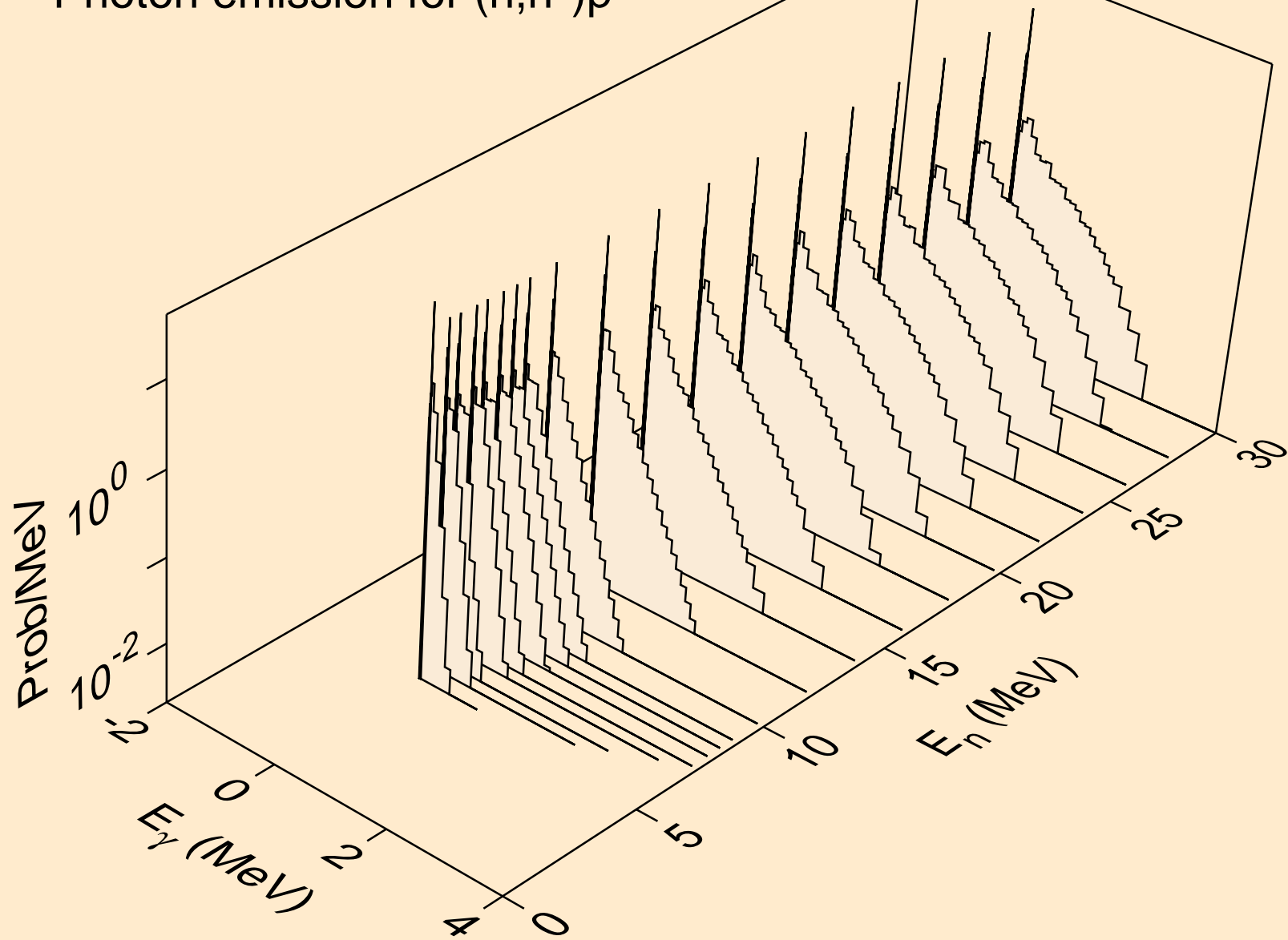
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



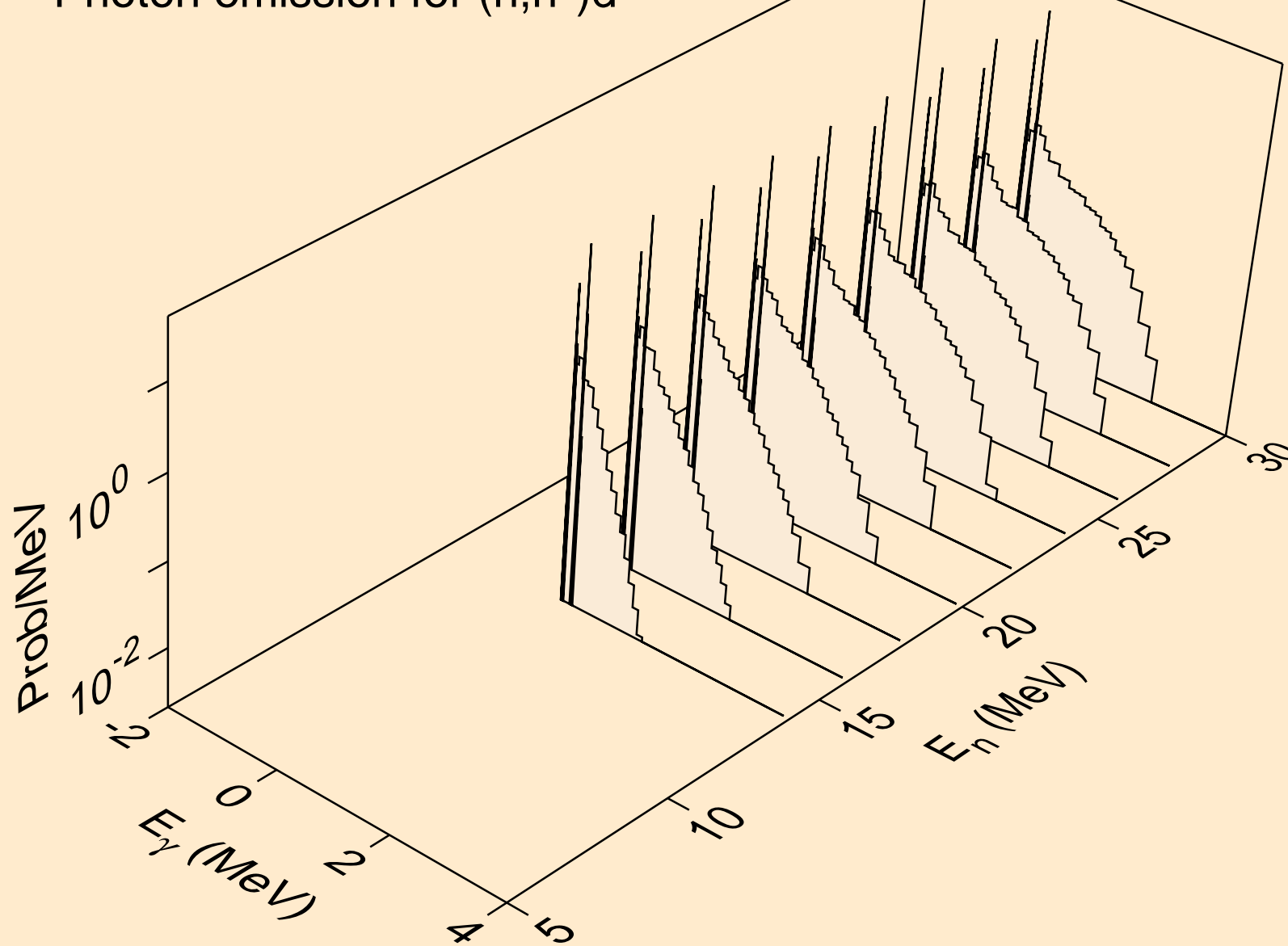
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



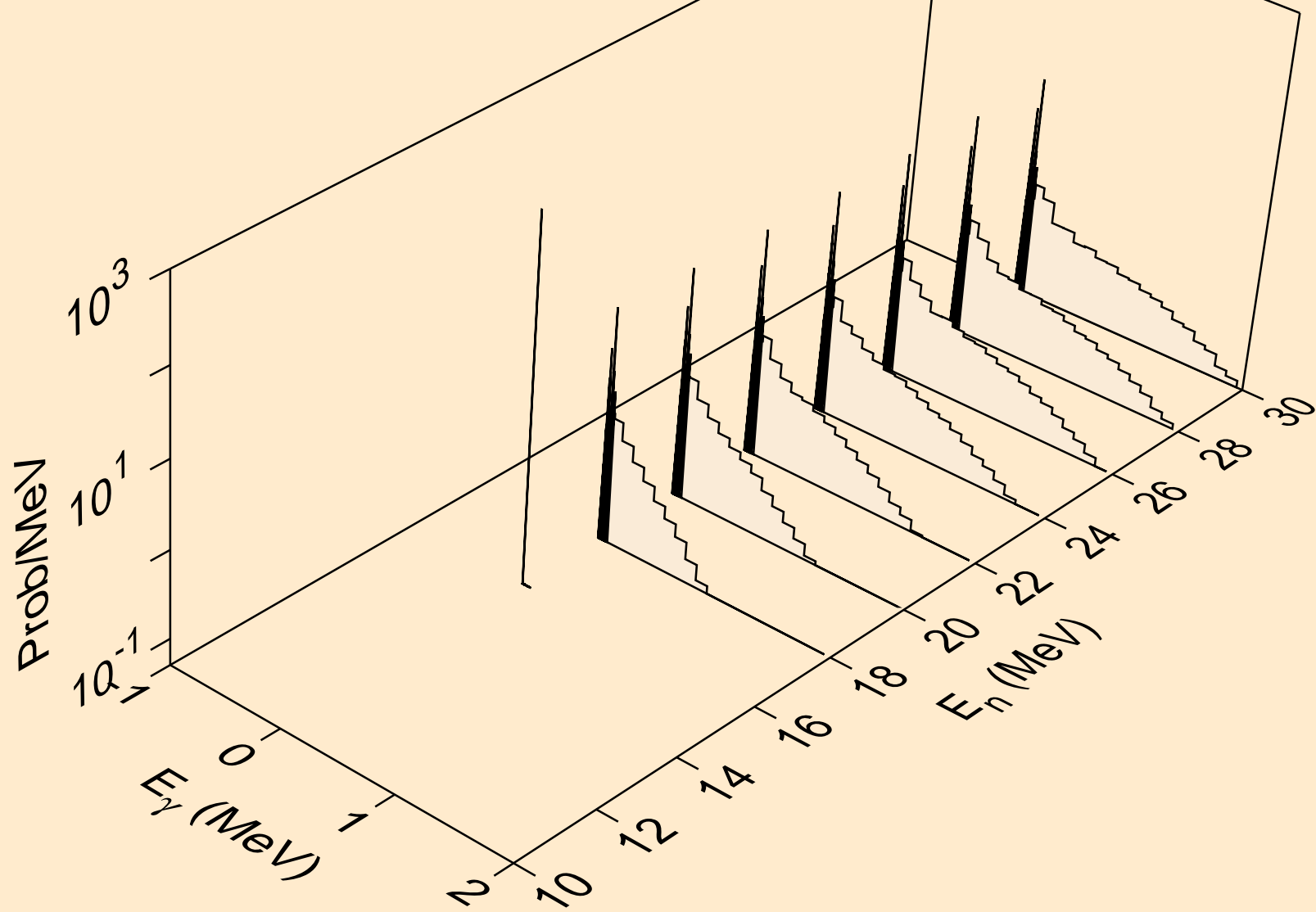
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



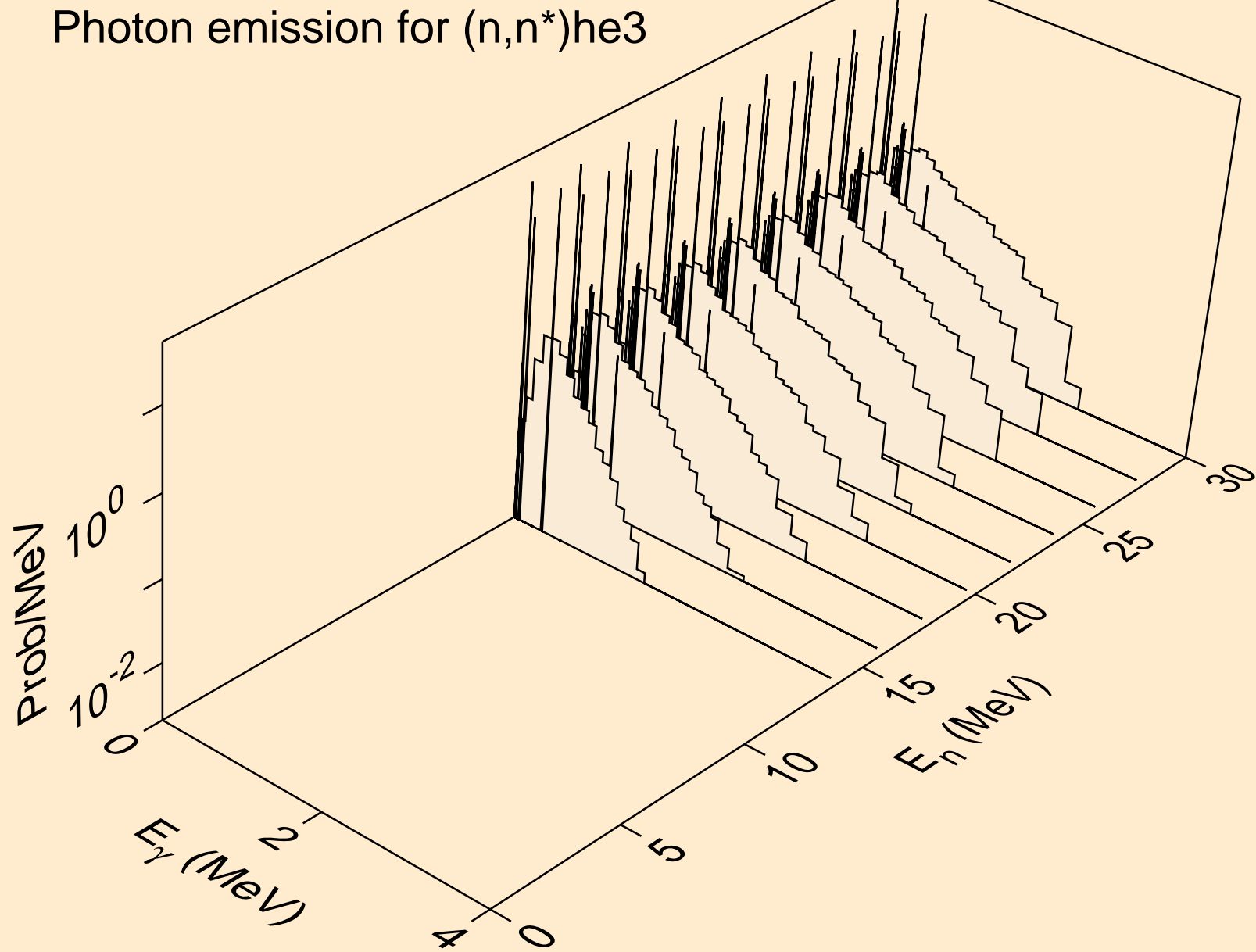
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



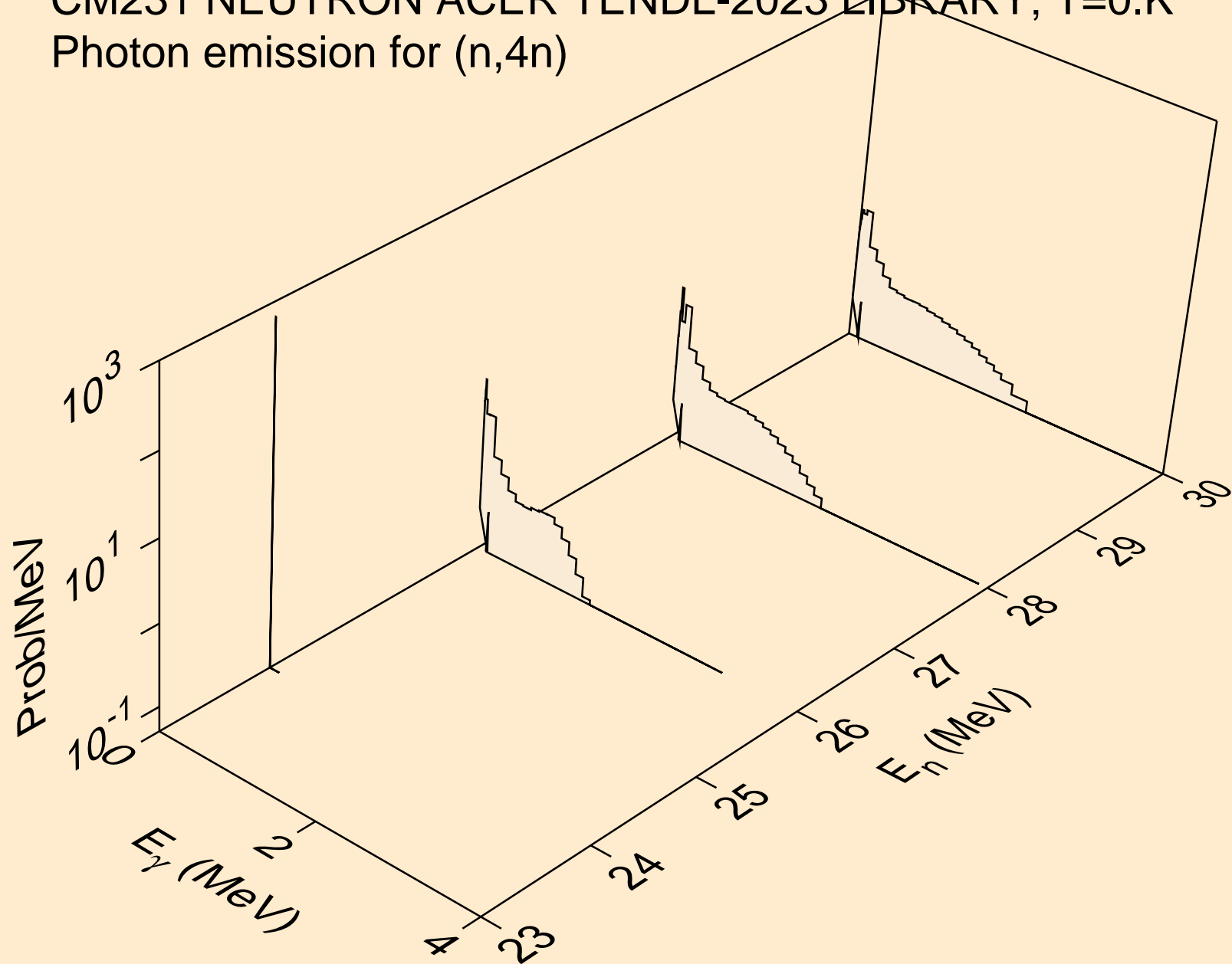
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



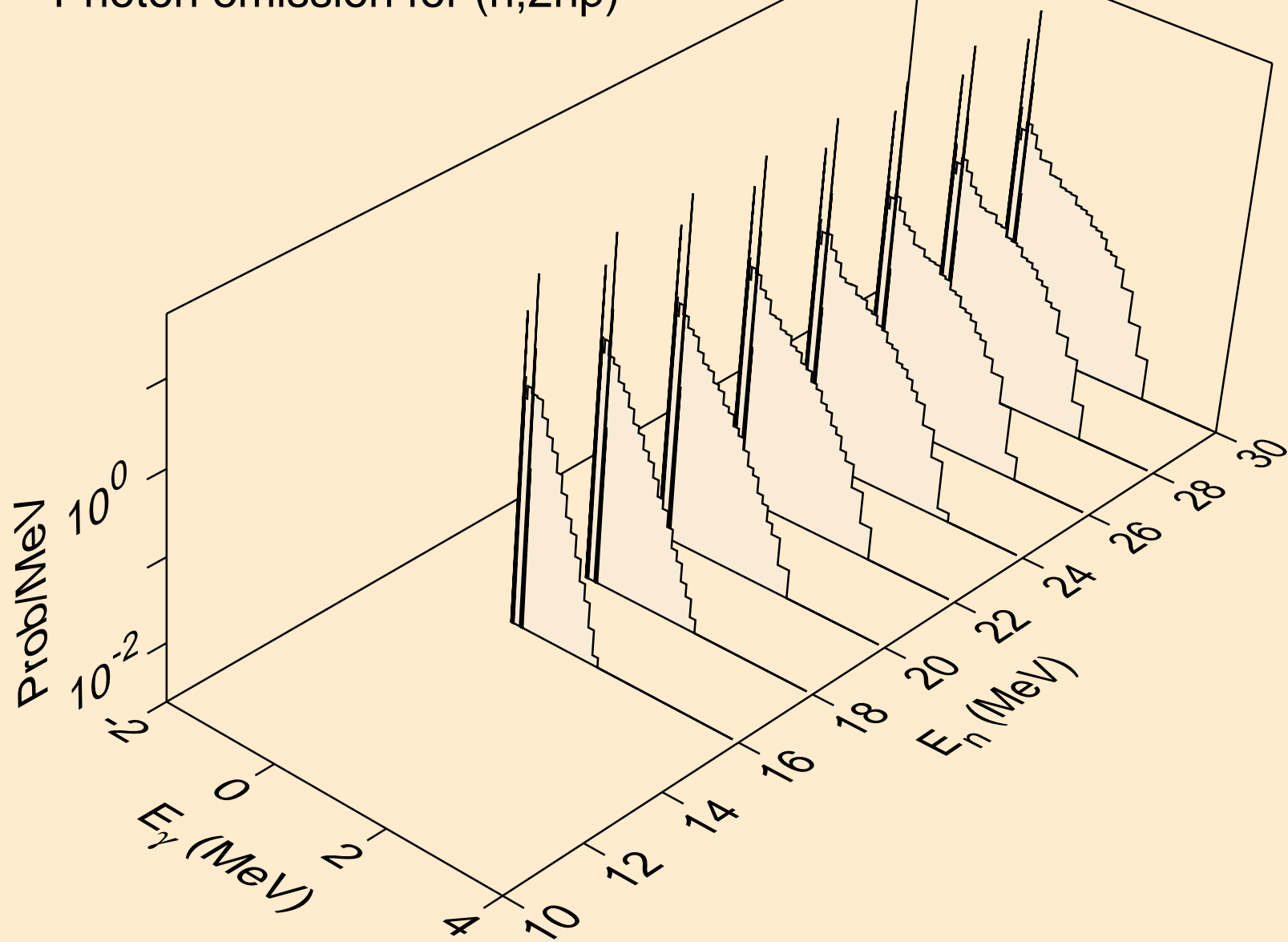
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



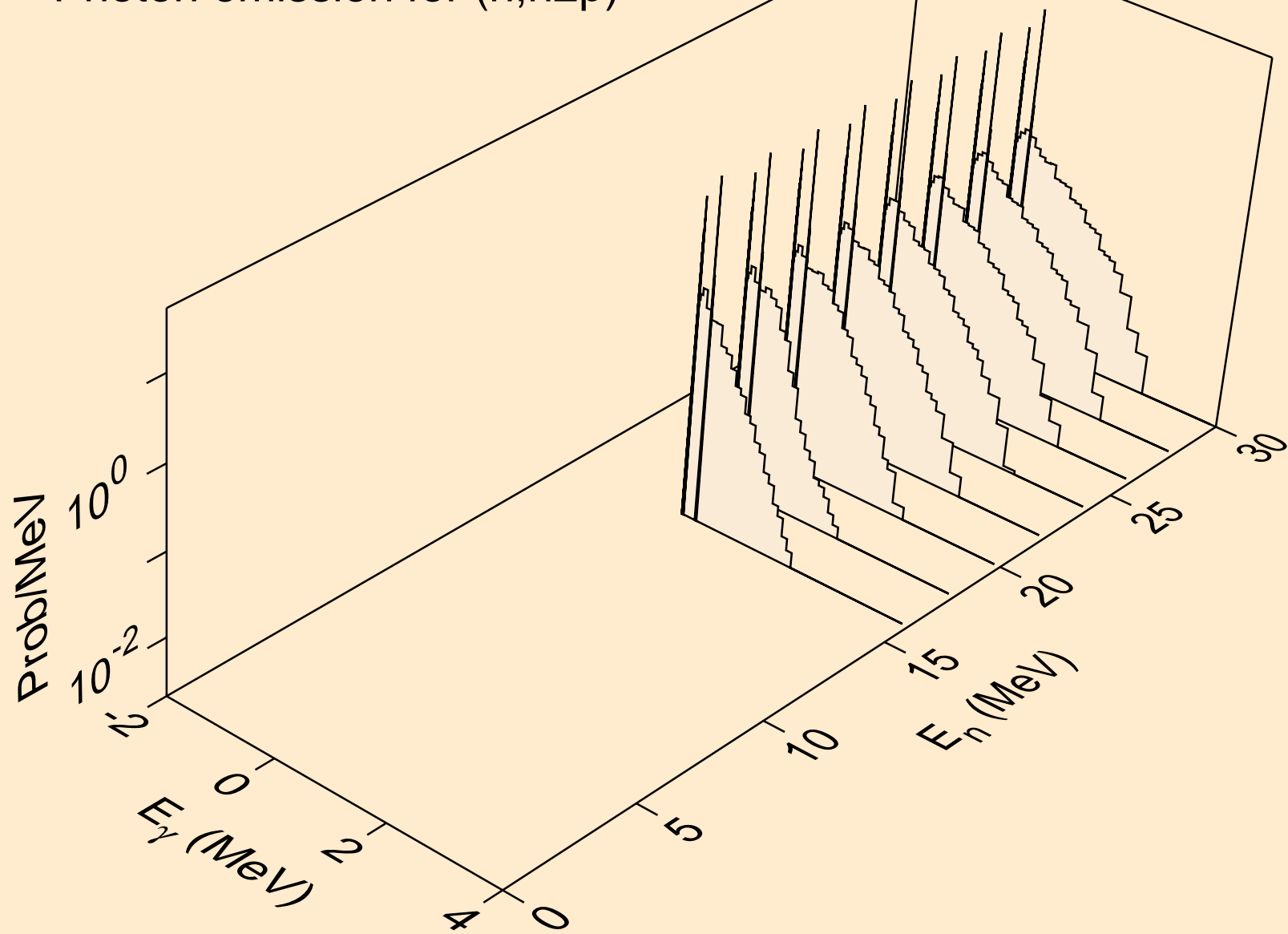
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



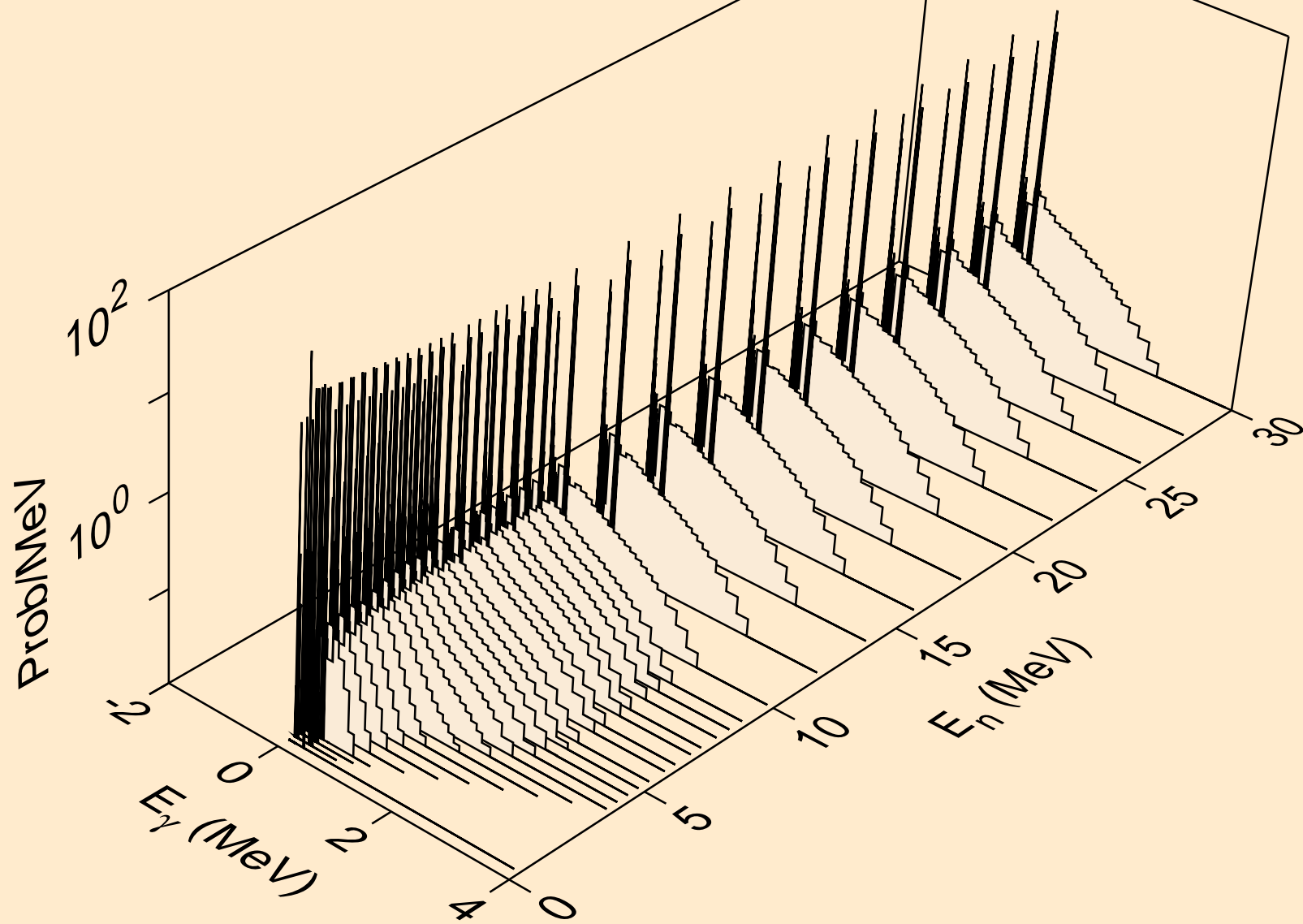
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Photon emission for (n,2np)



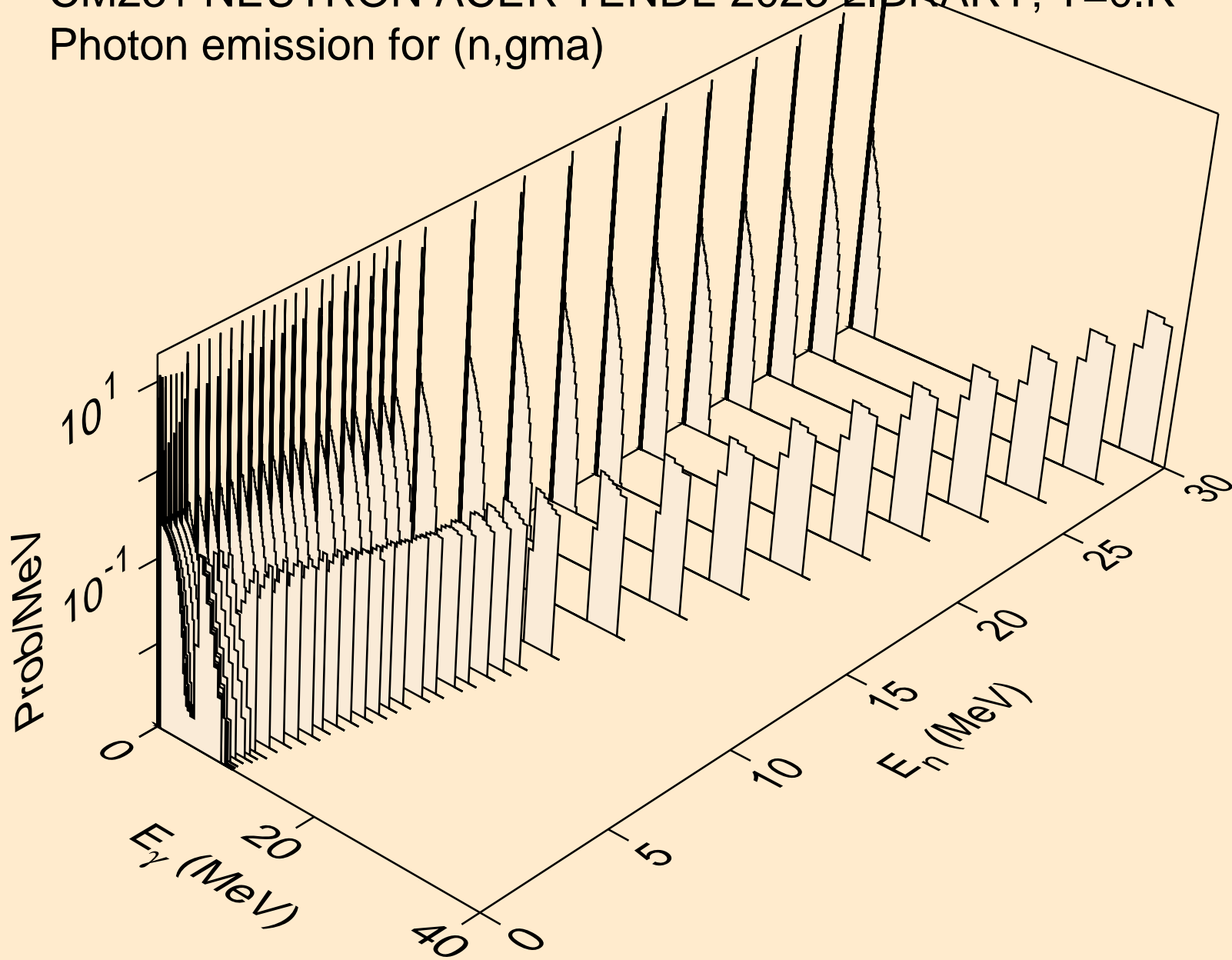
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



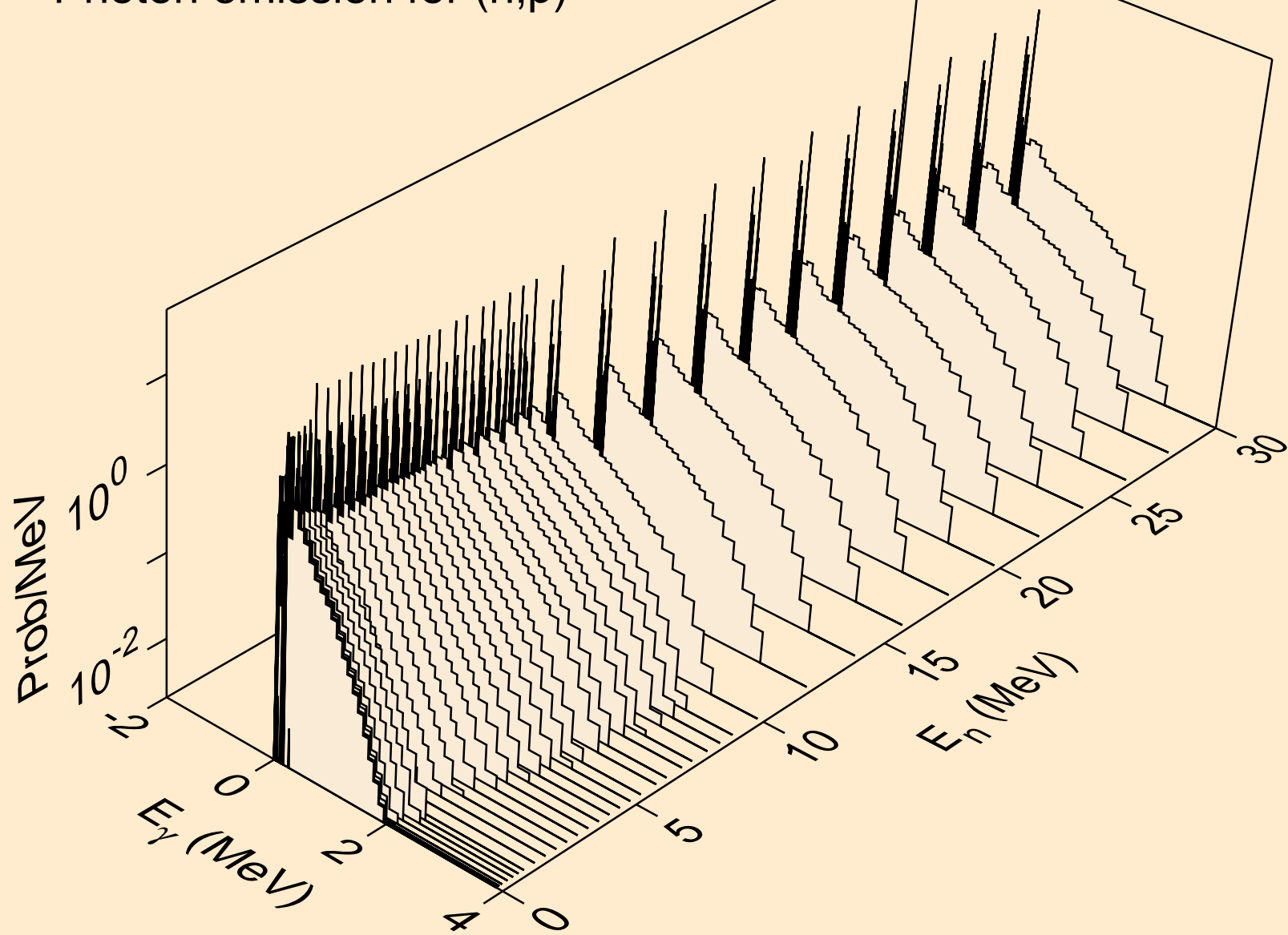
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



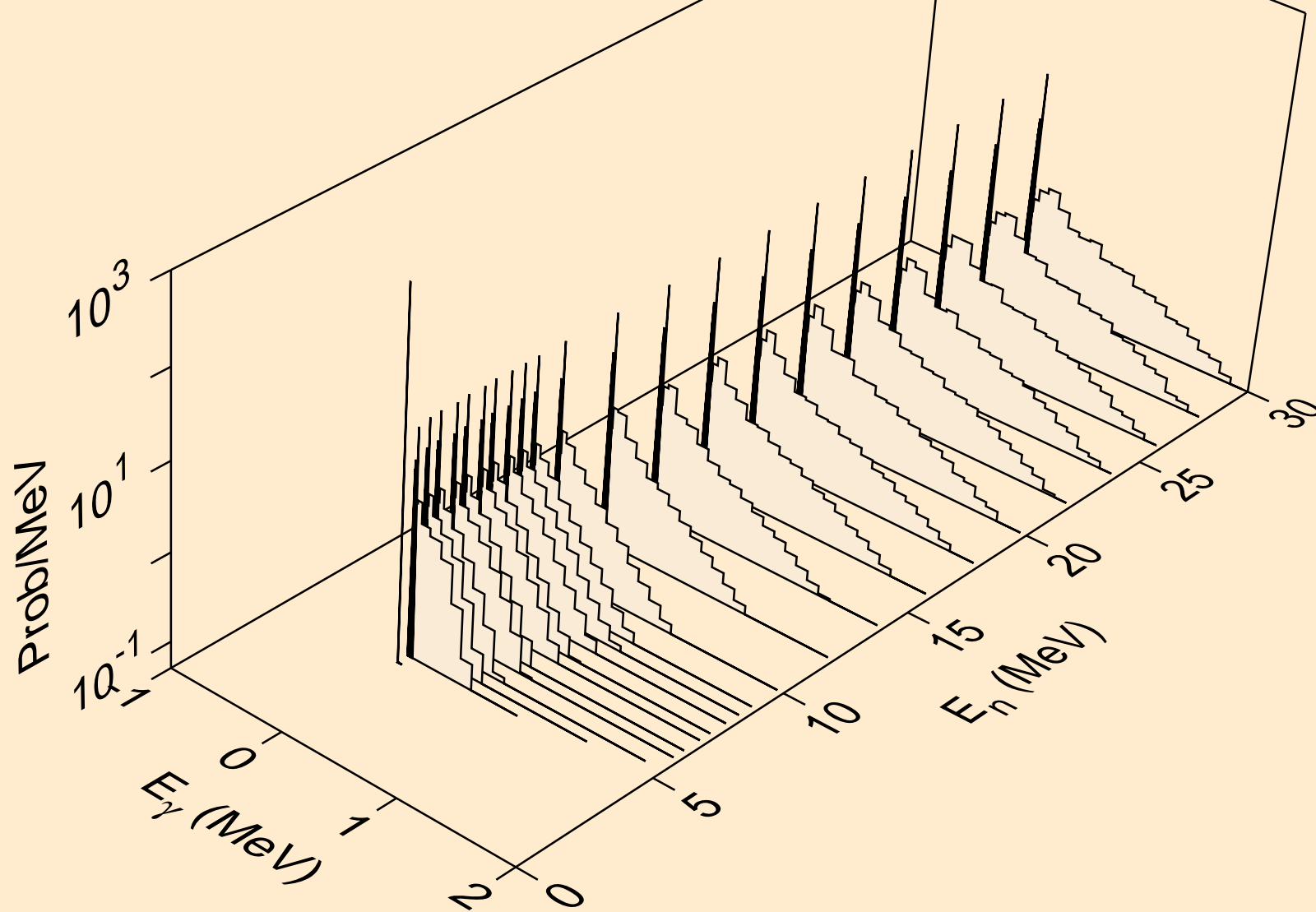
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



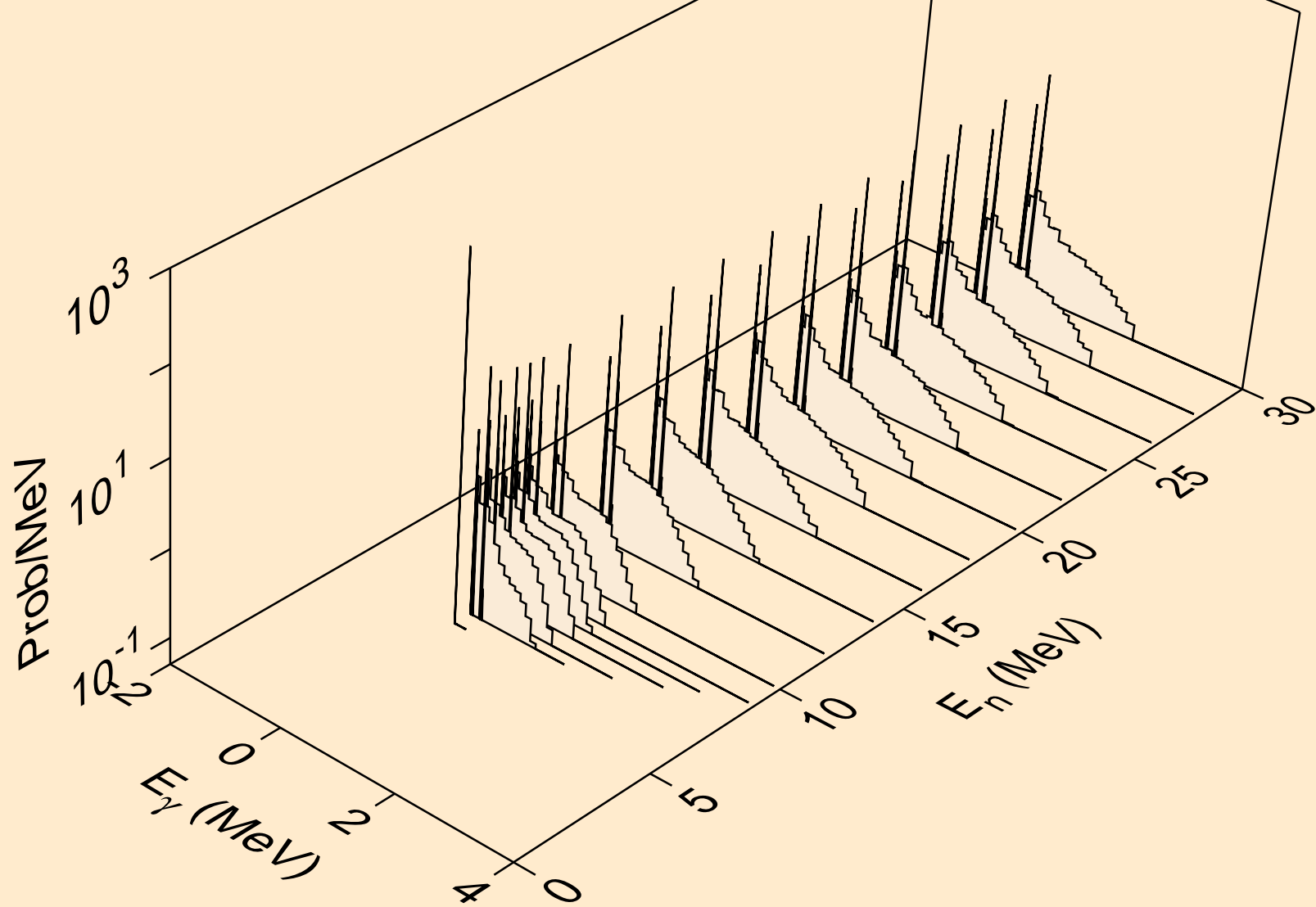
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



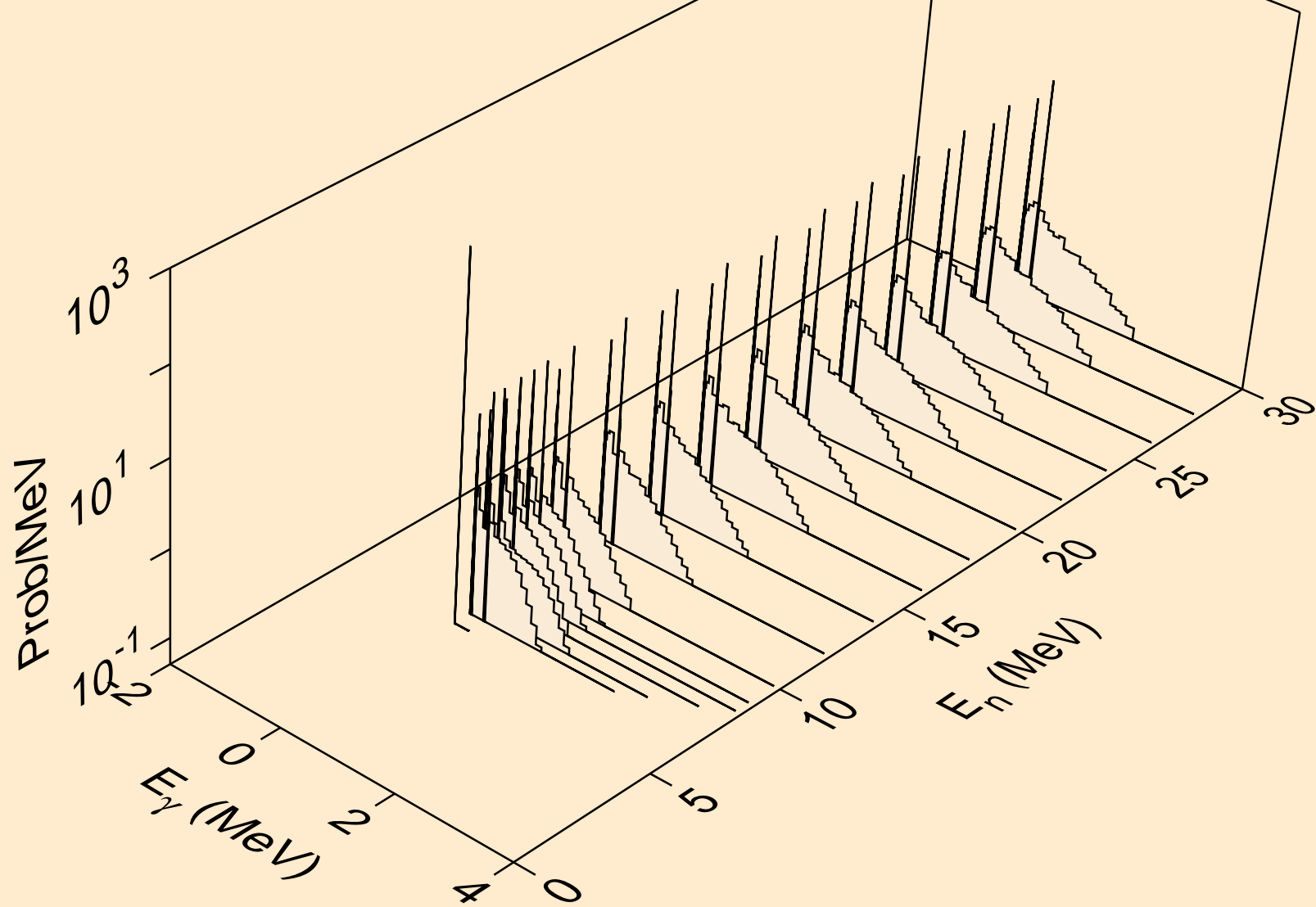
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



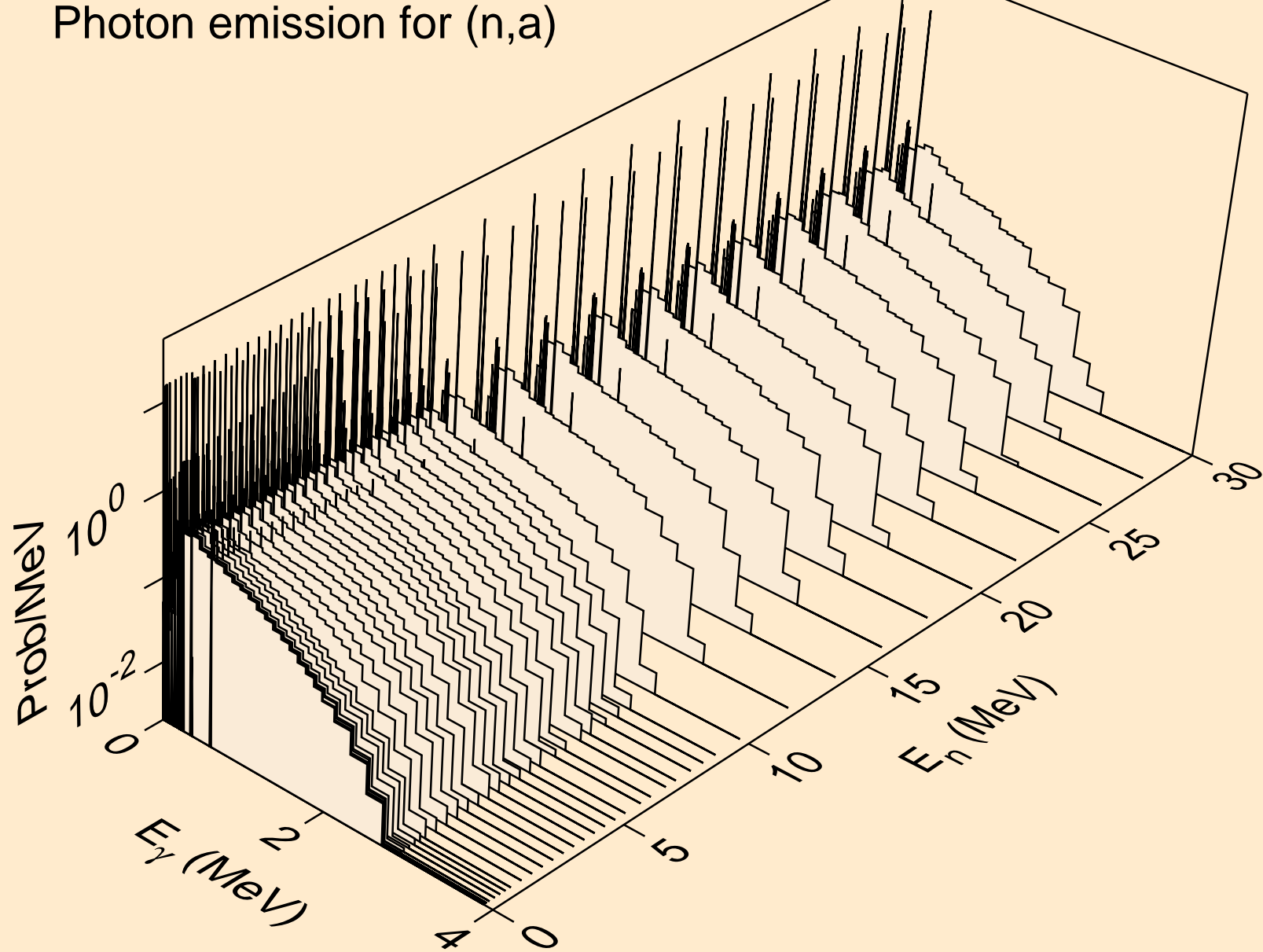
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



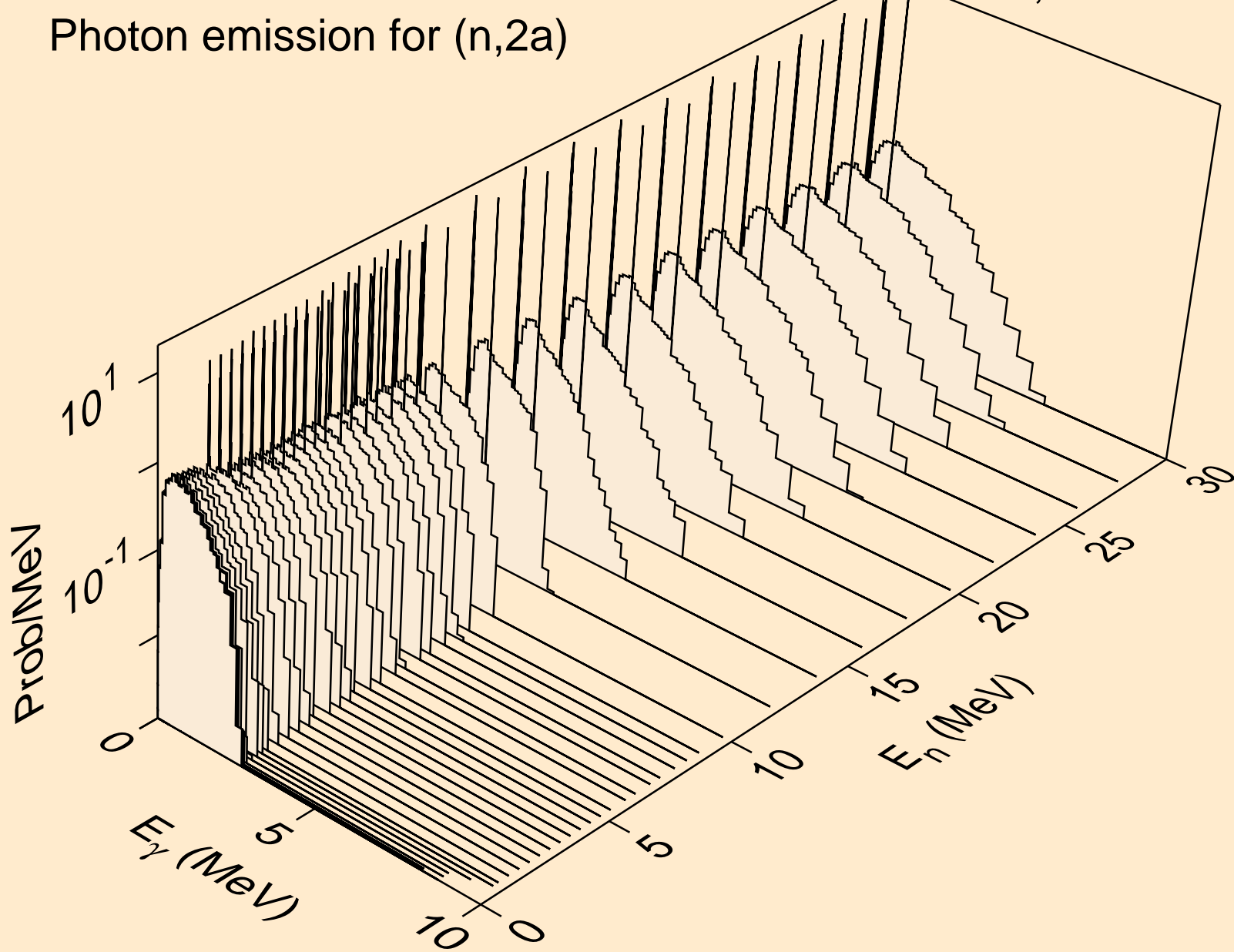
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



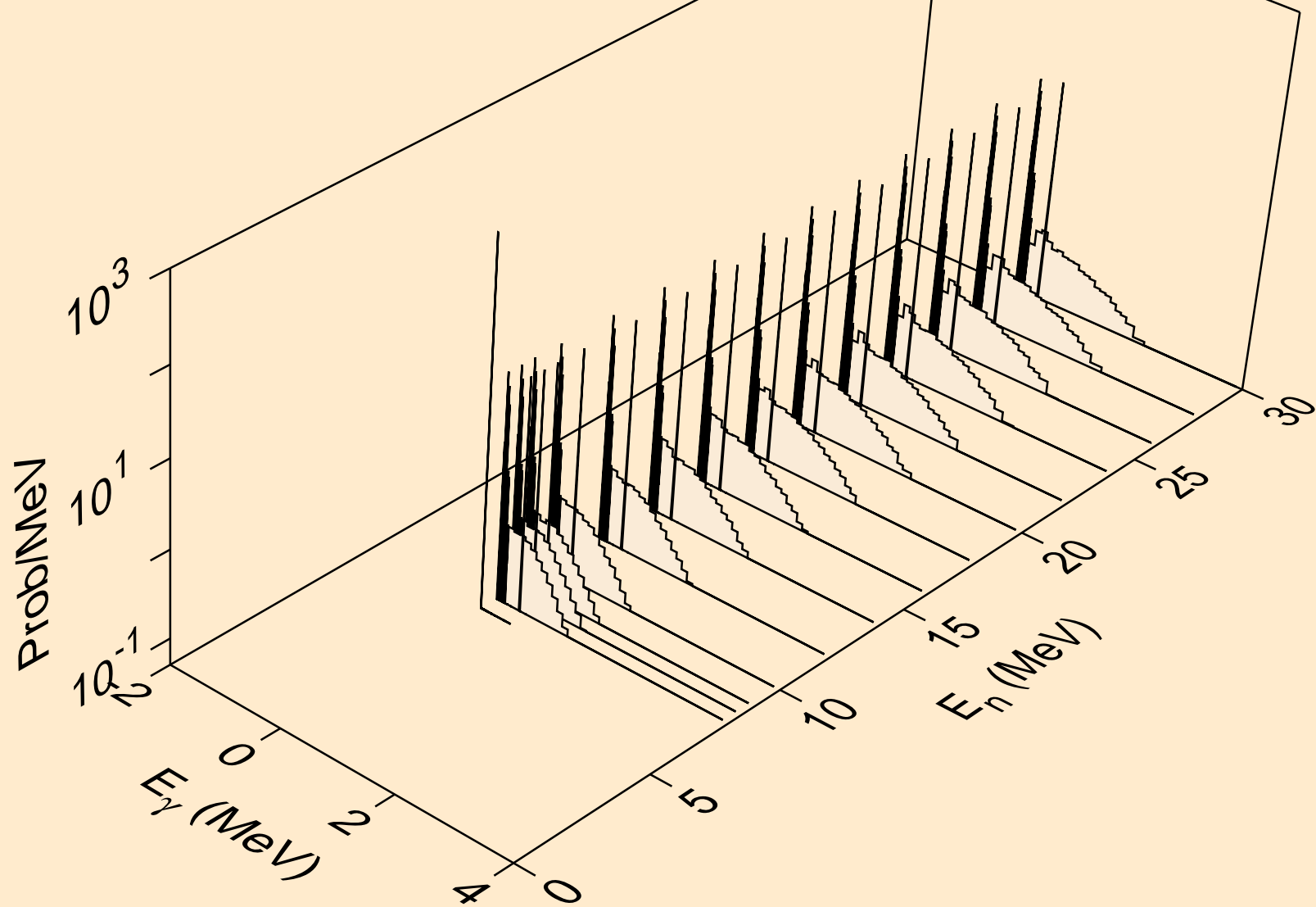
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



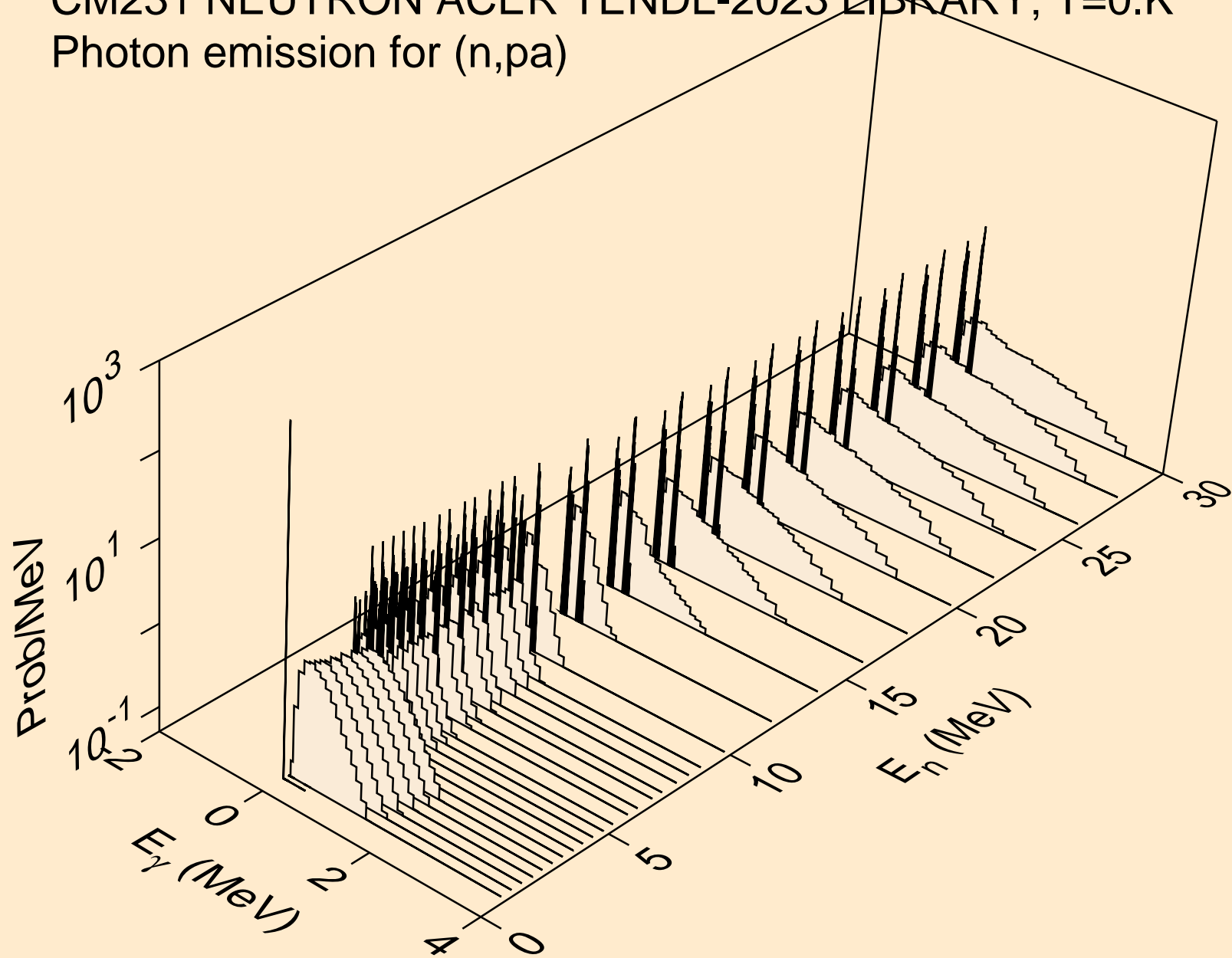
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



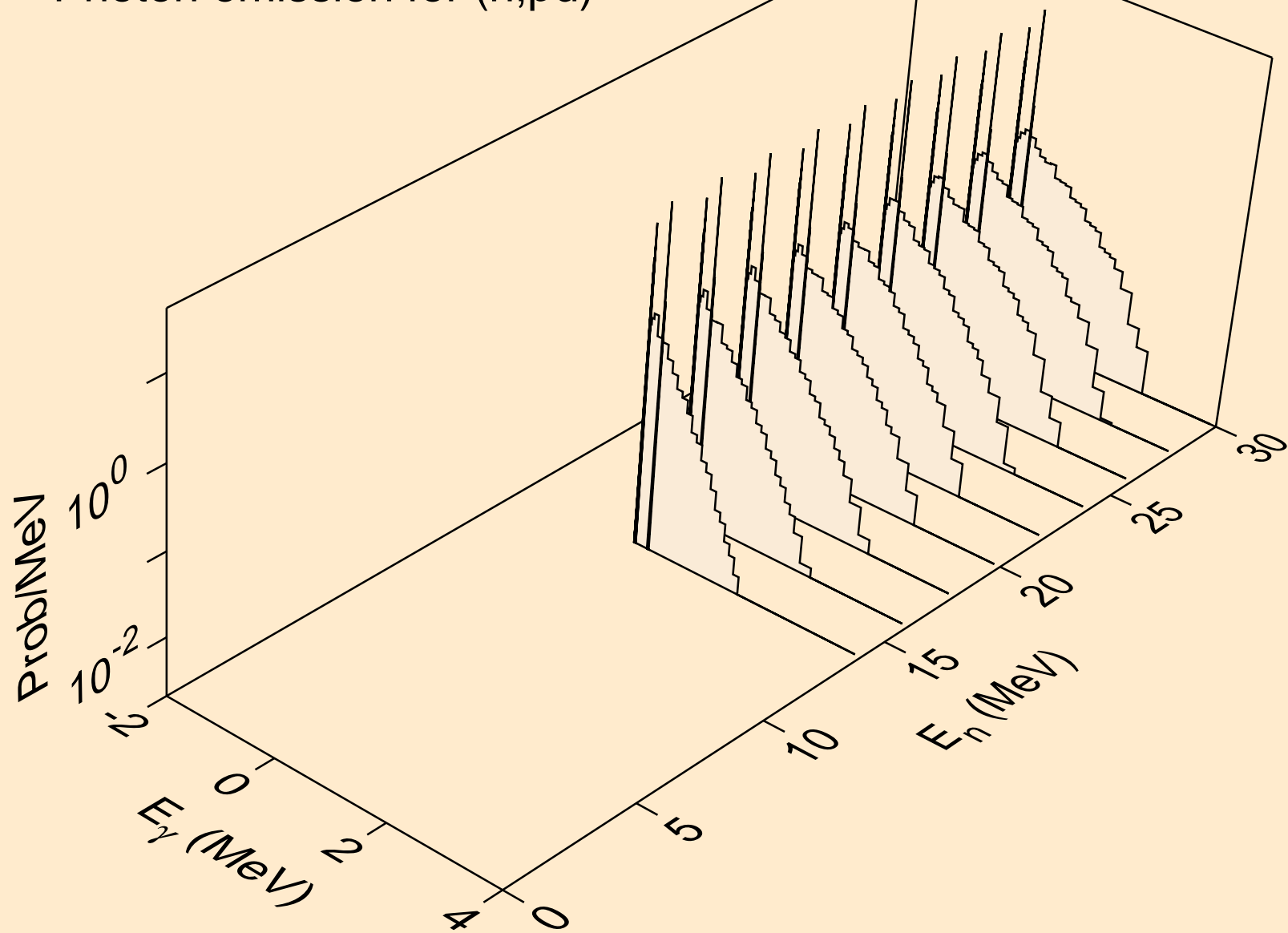
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



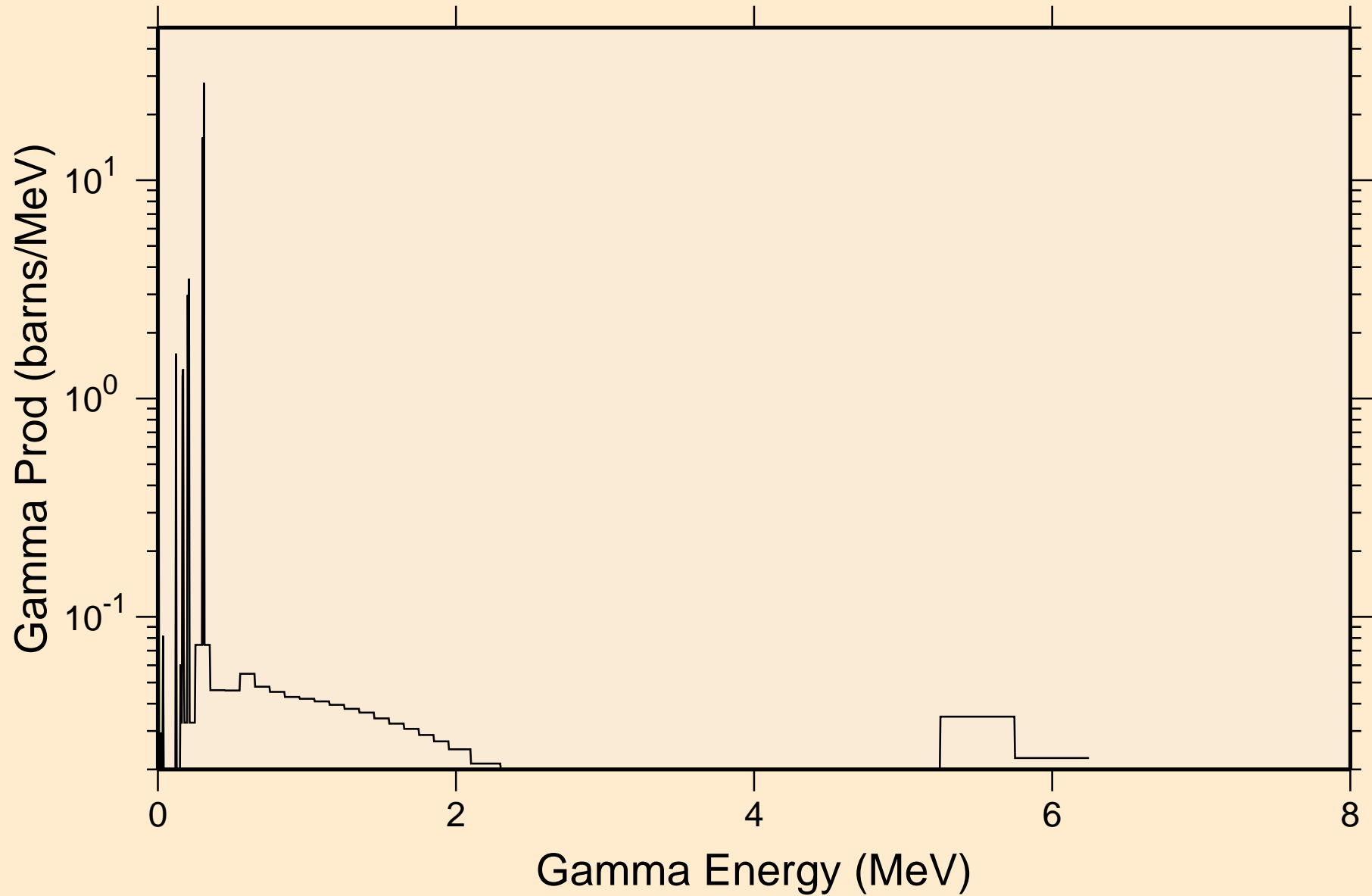
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



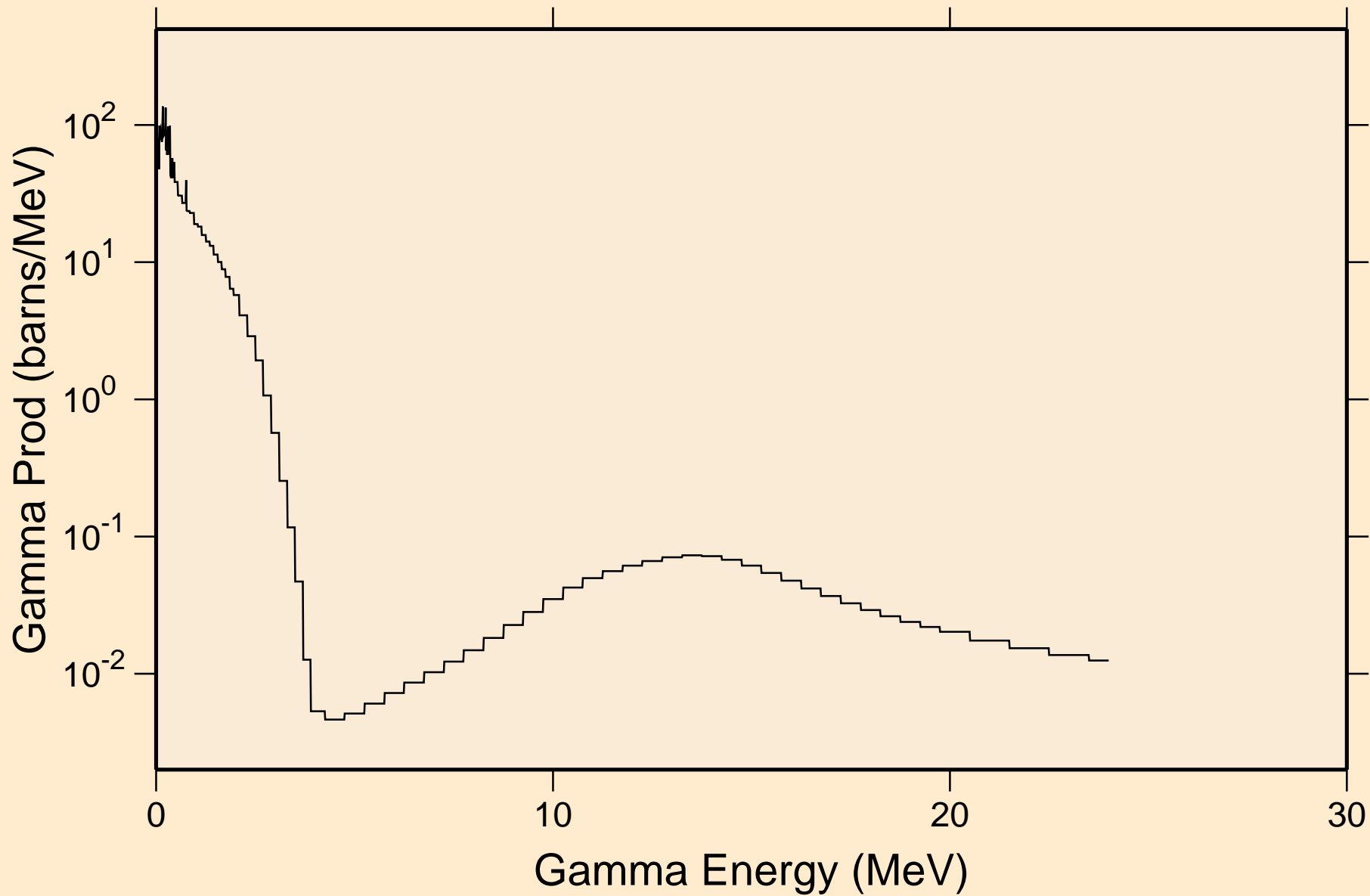
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

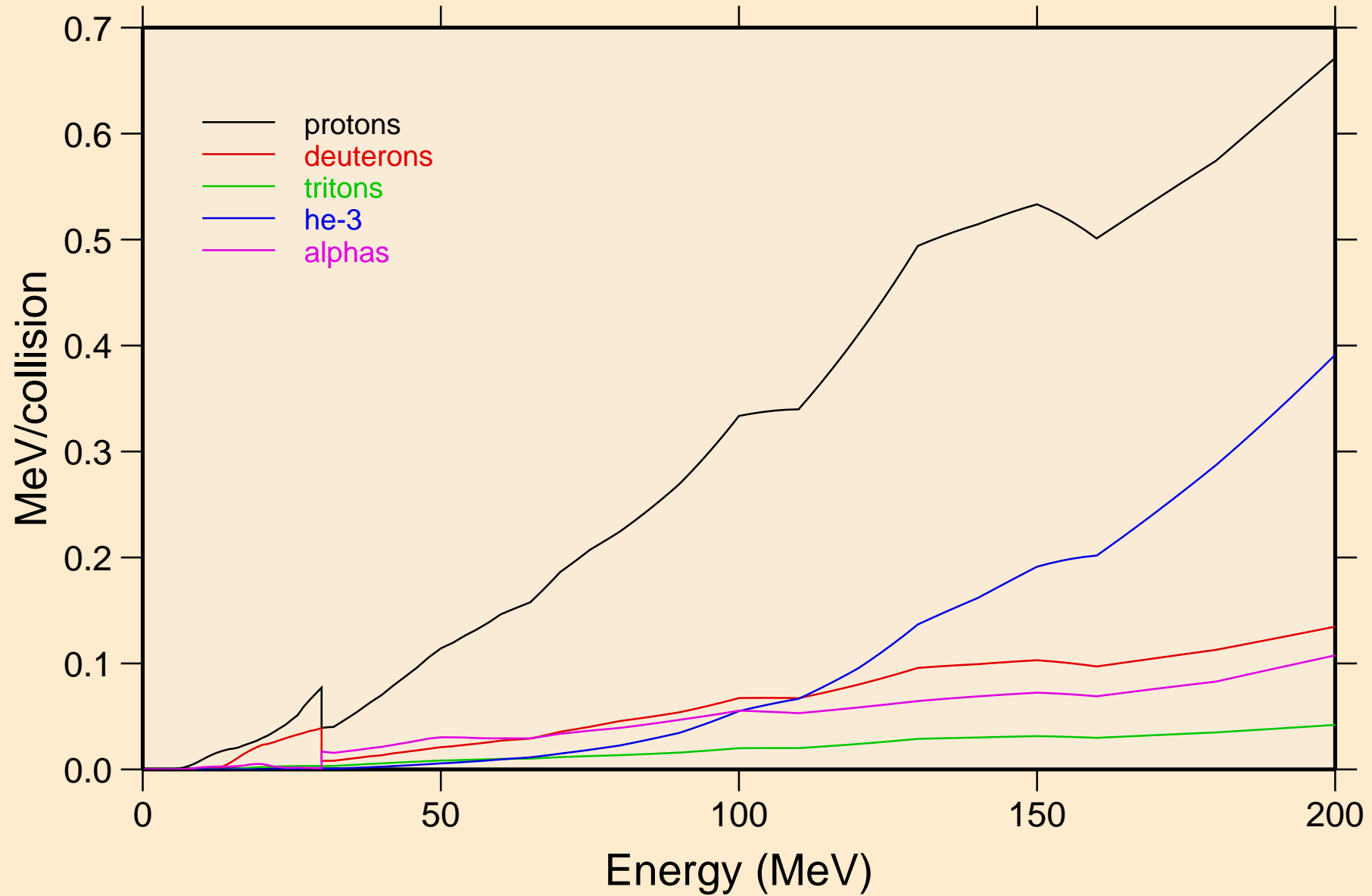


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

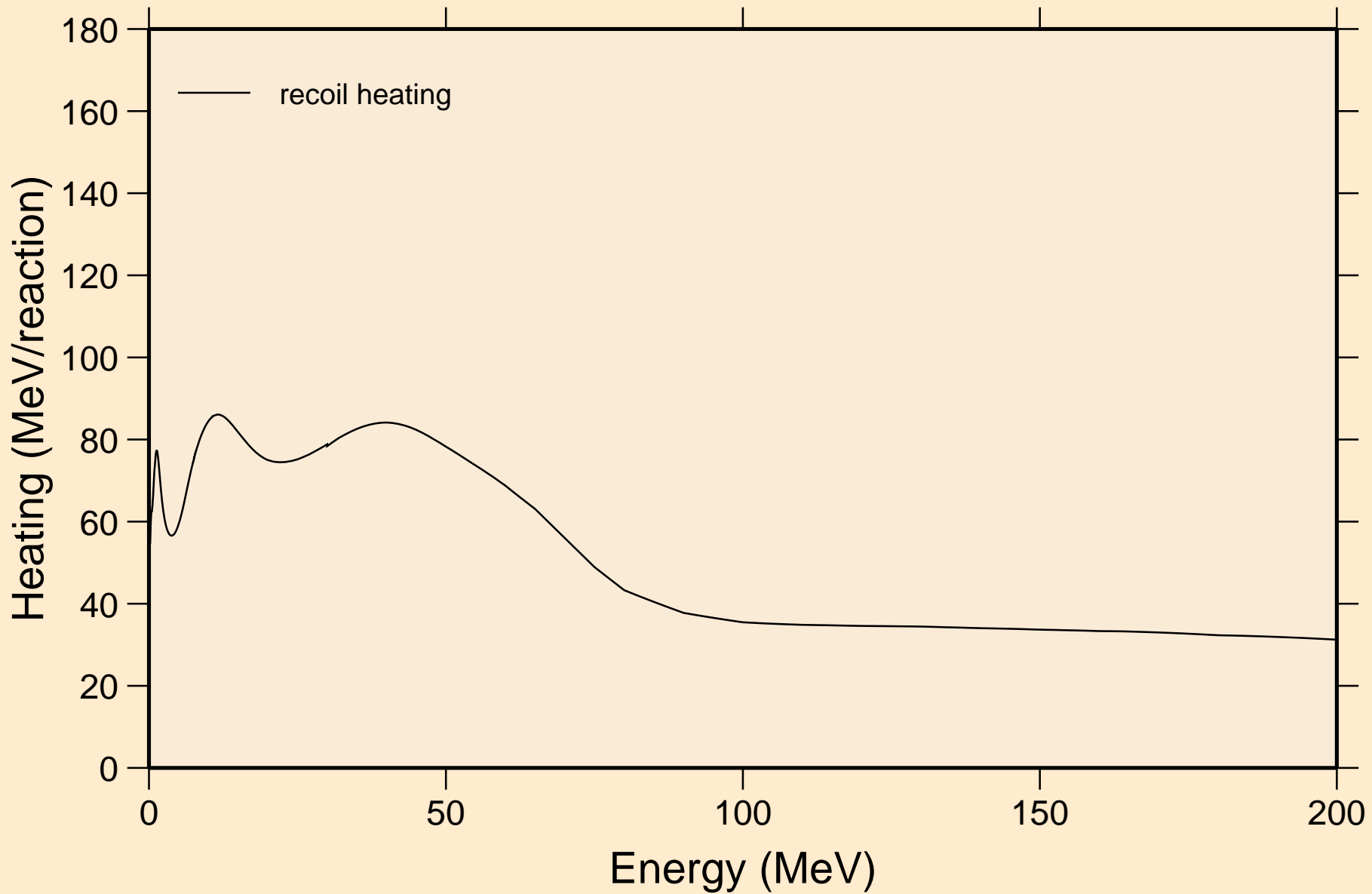


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

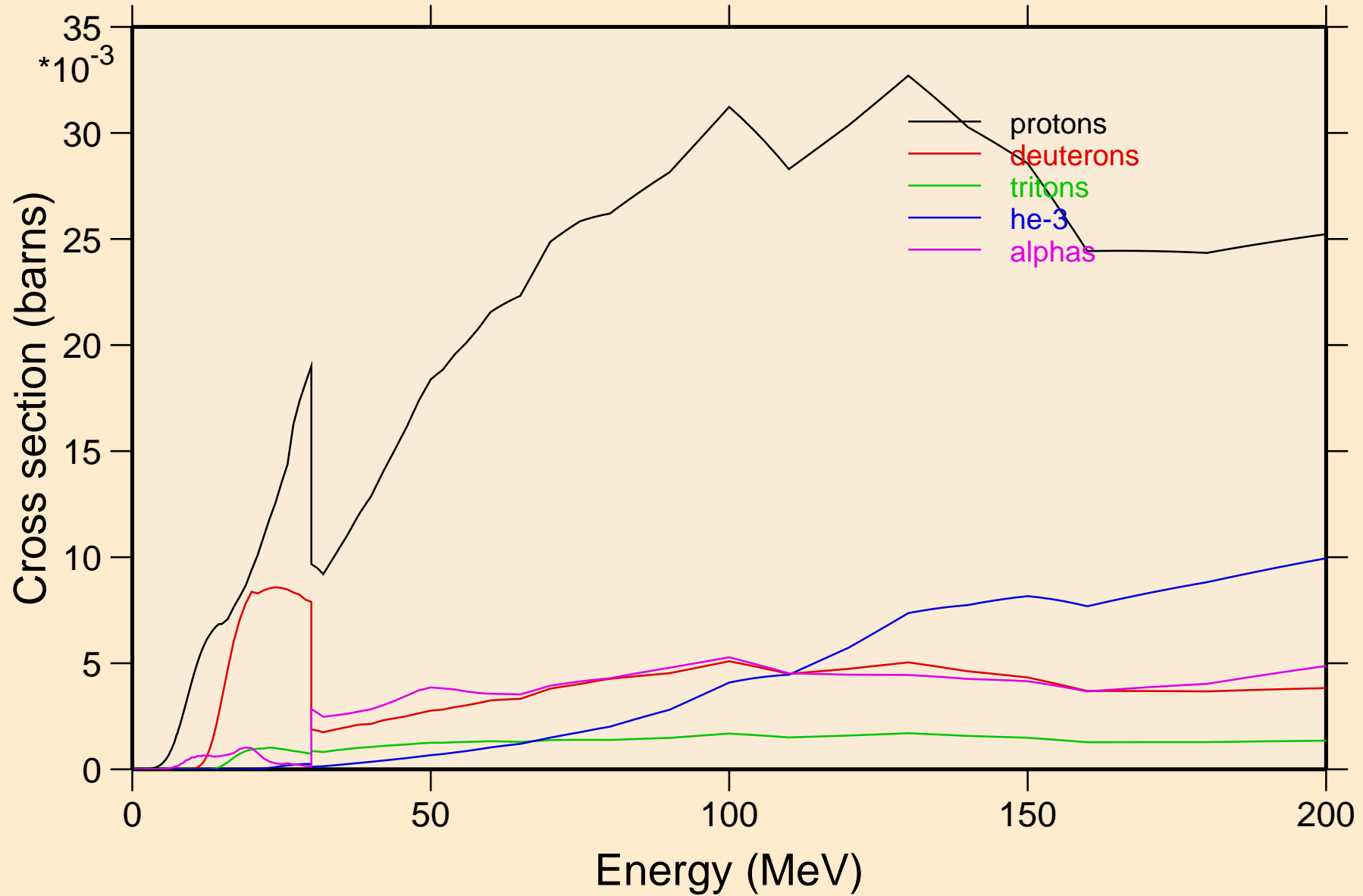


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

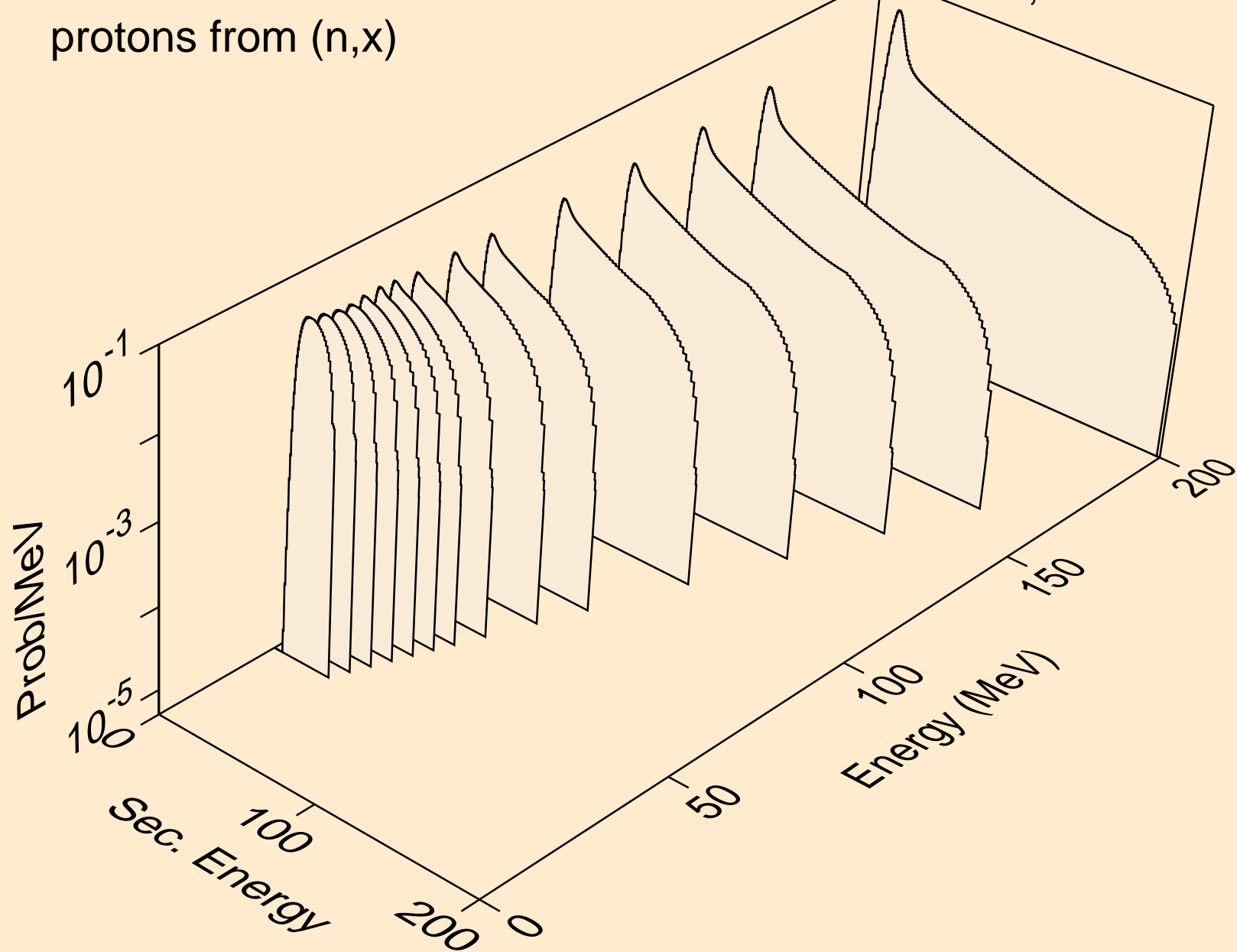


CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

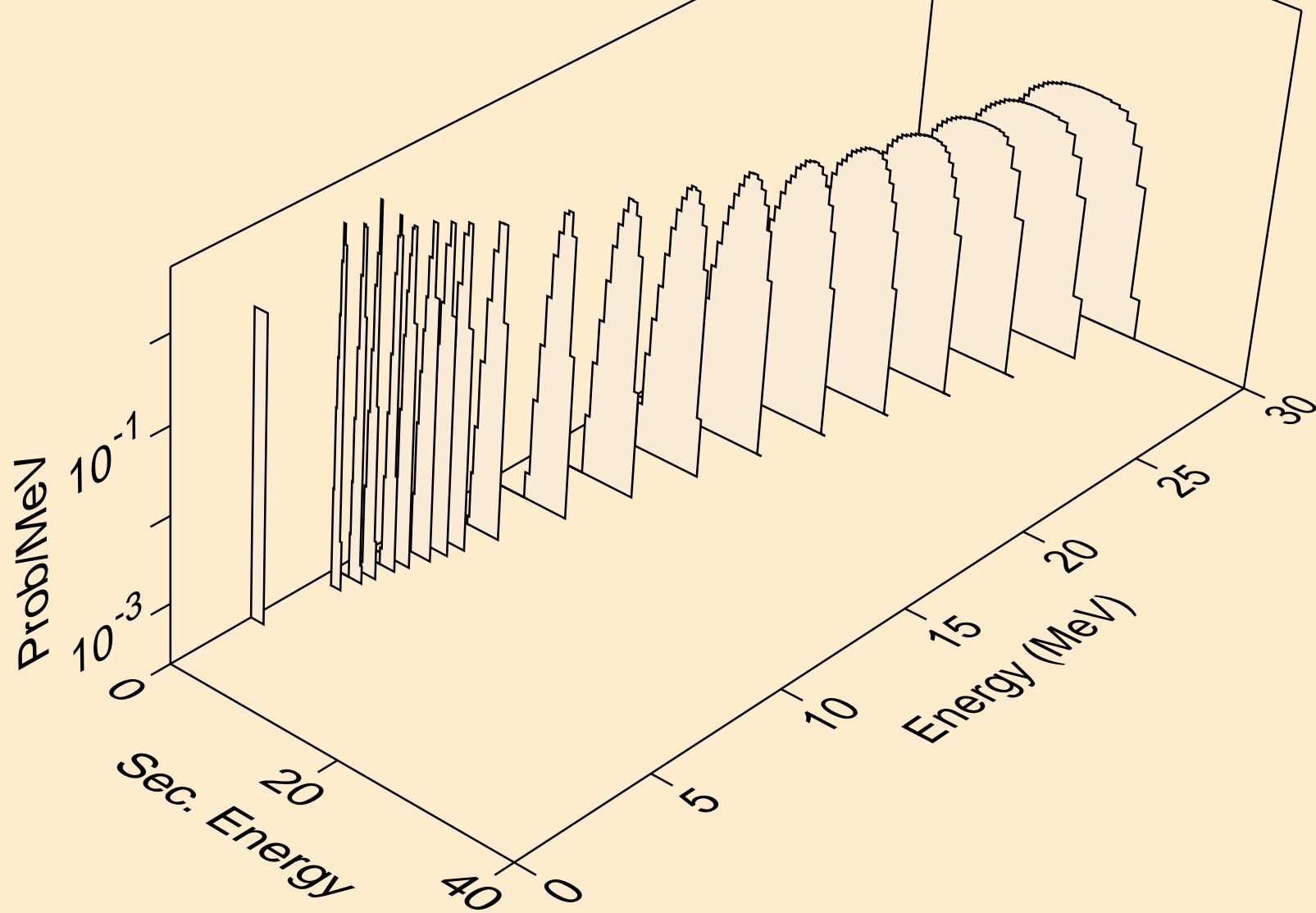
Particle production cross sections



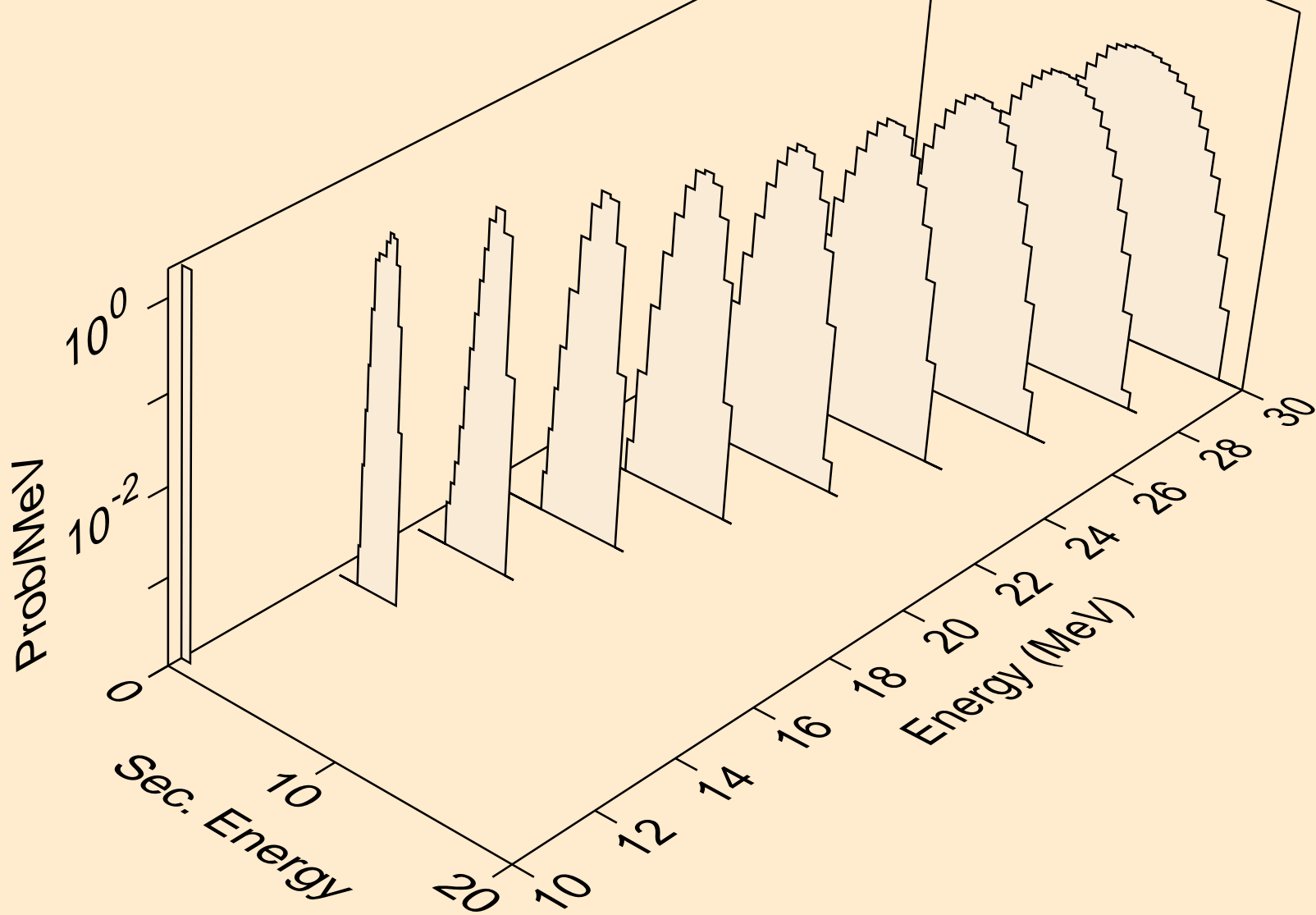
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



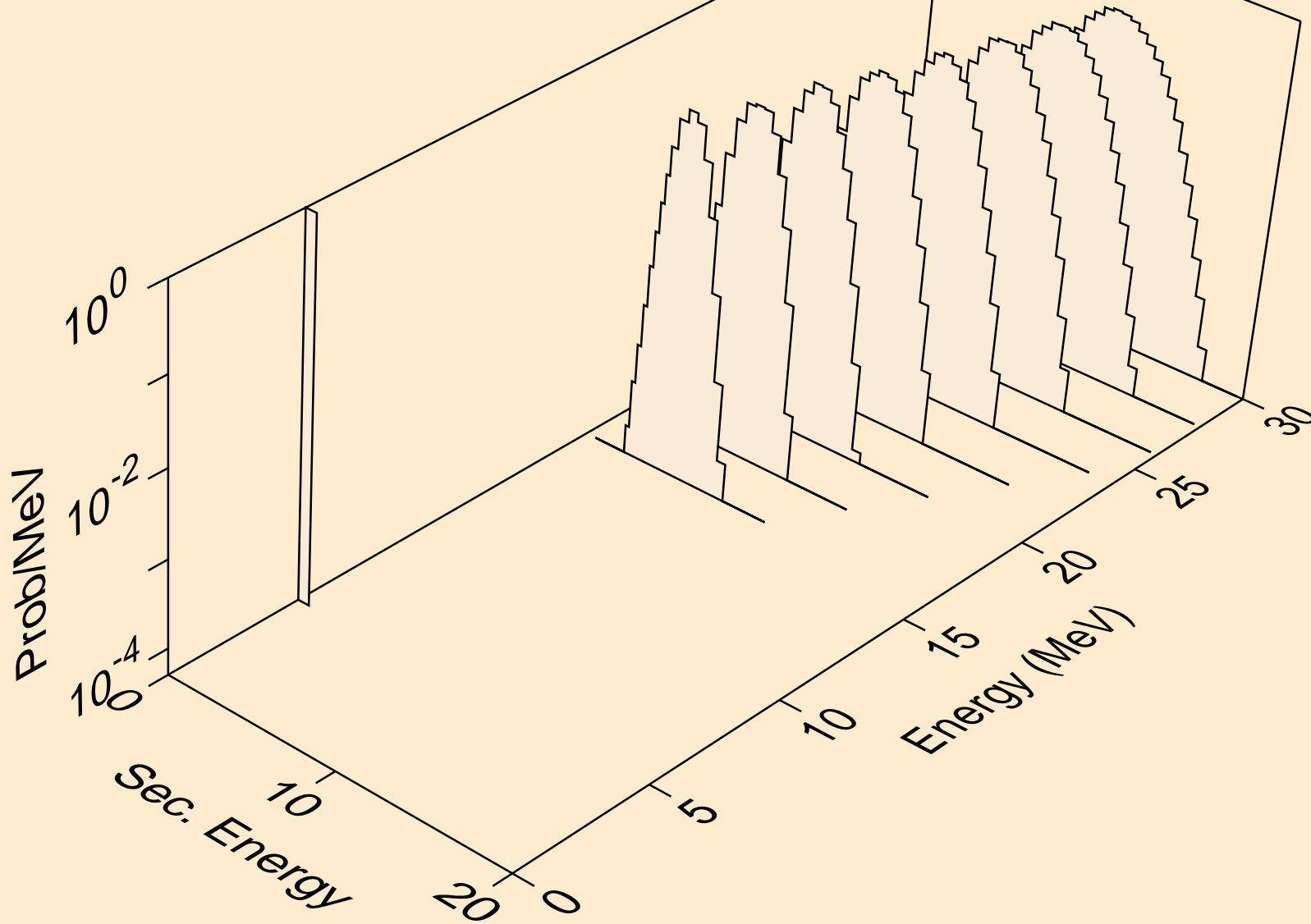
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



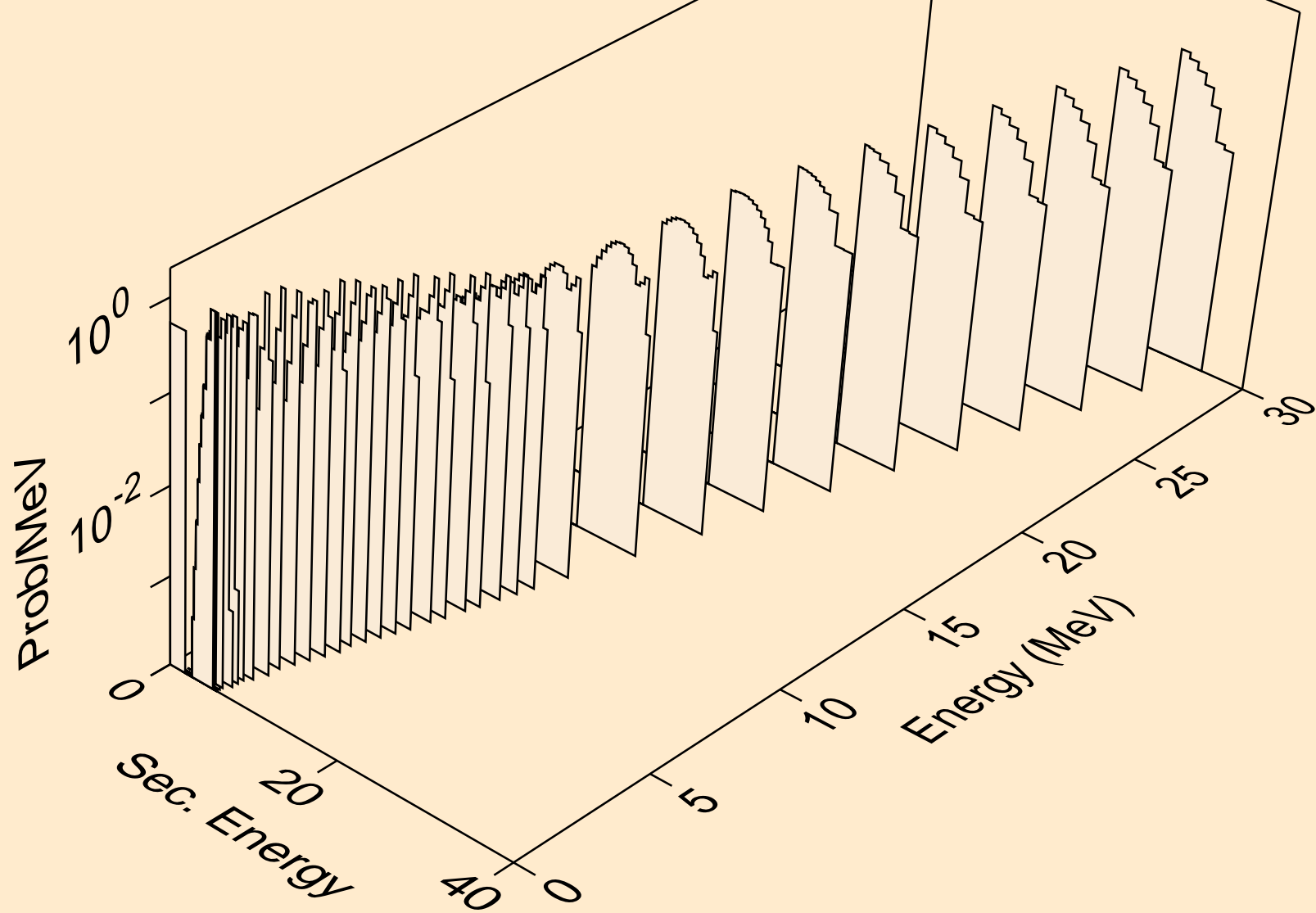
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



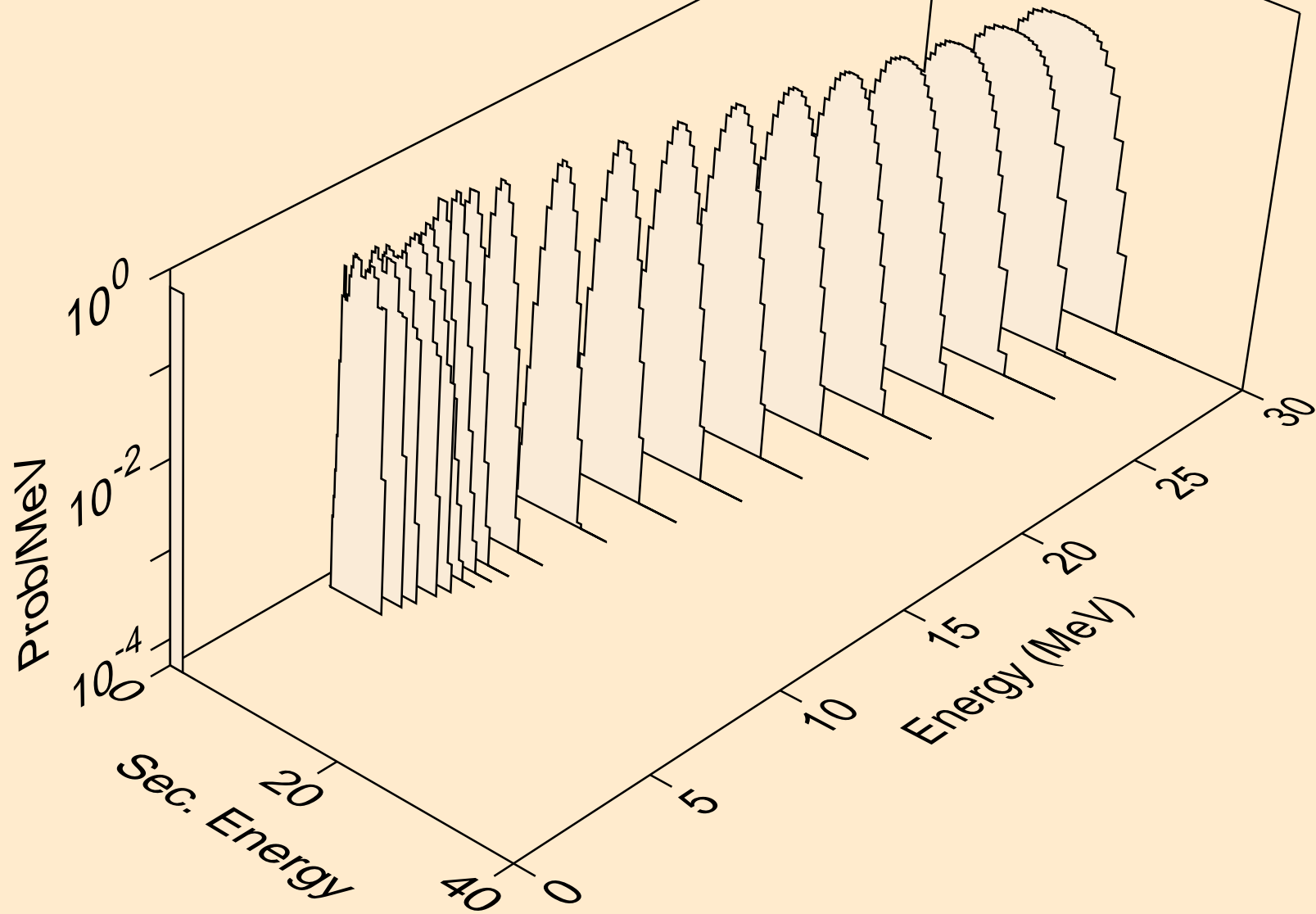
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



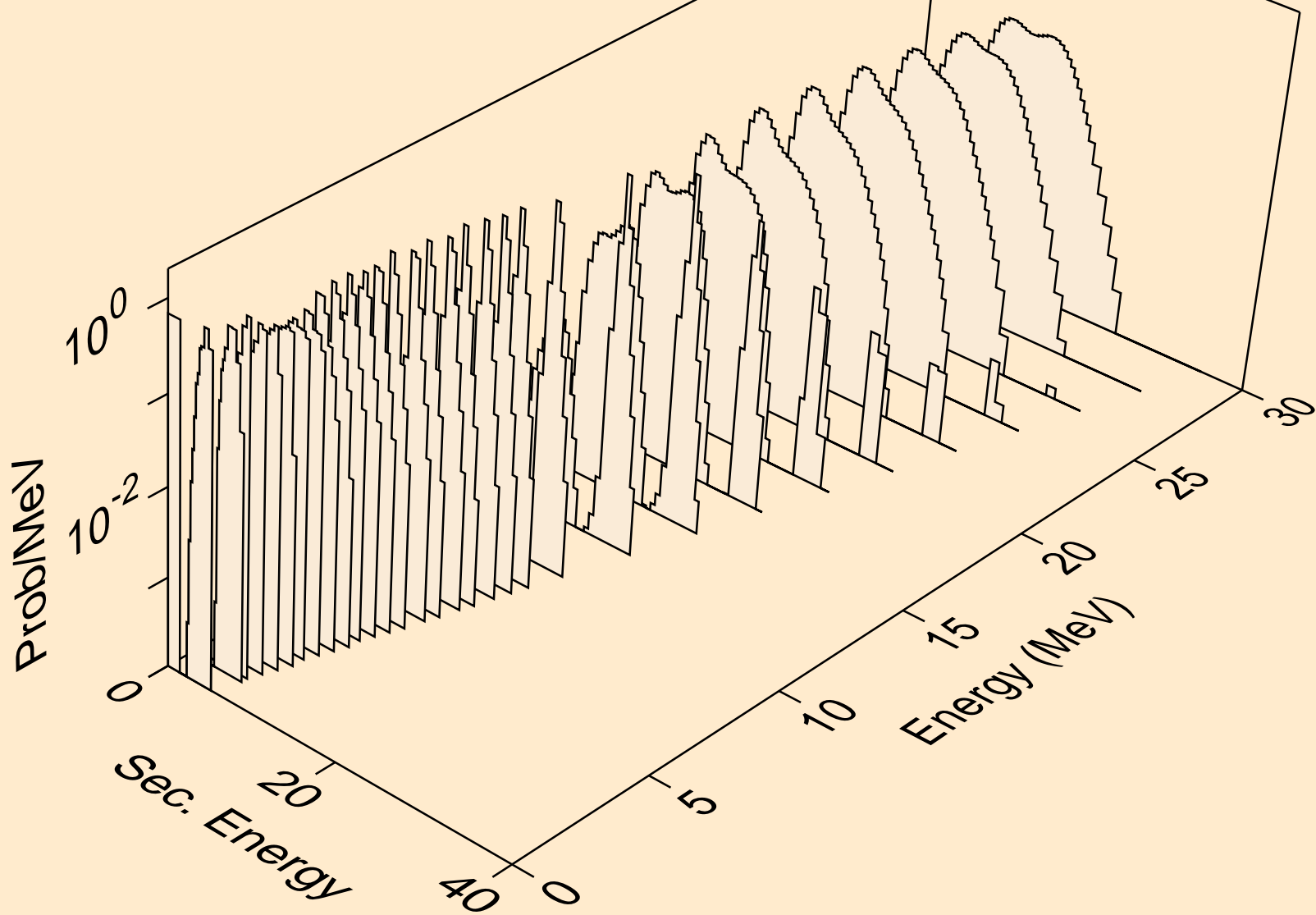
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



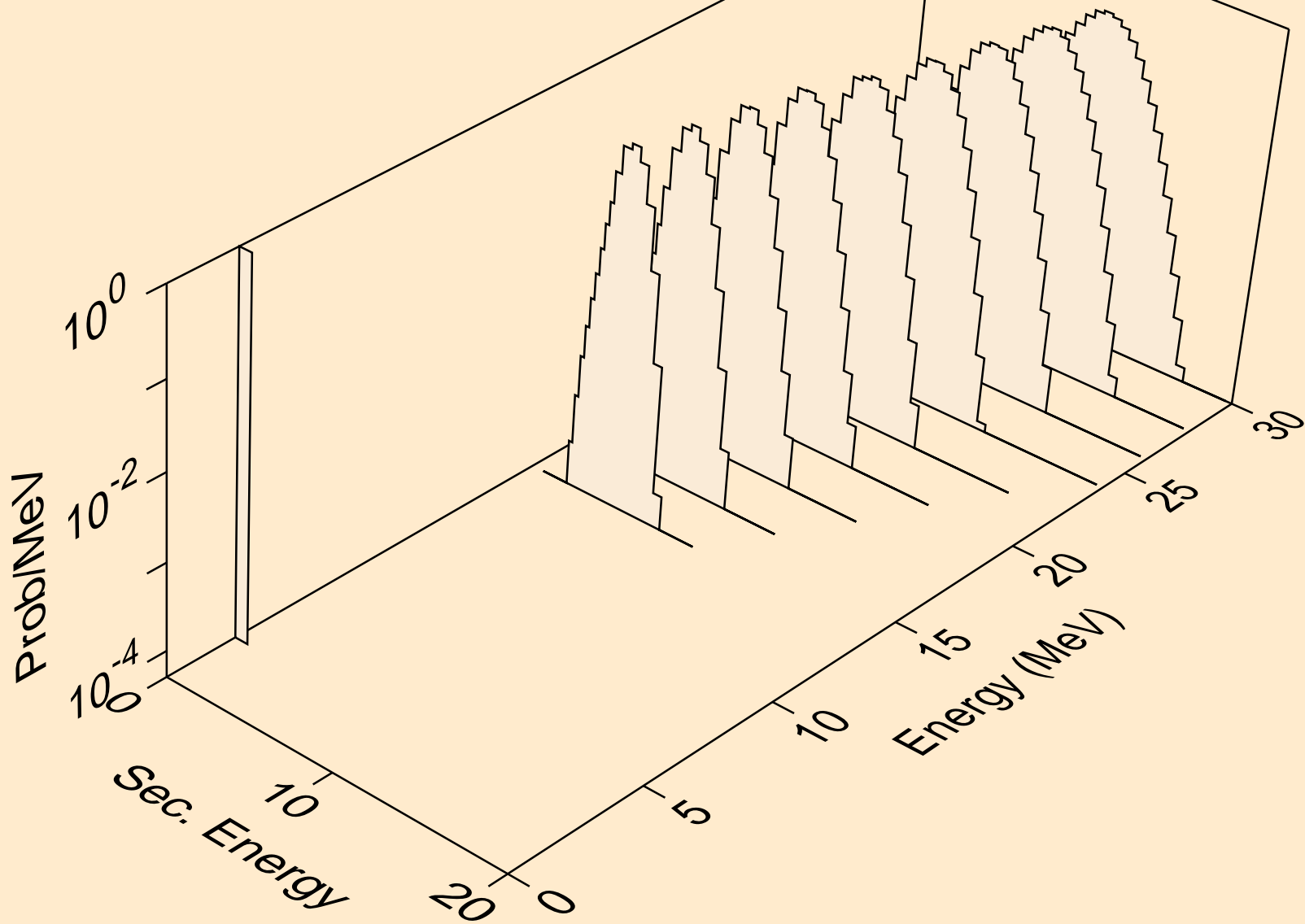
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protons from (n,2p)



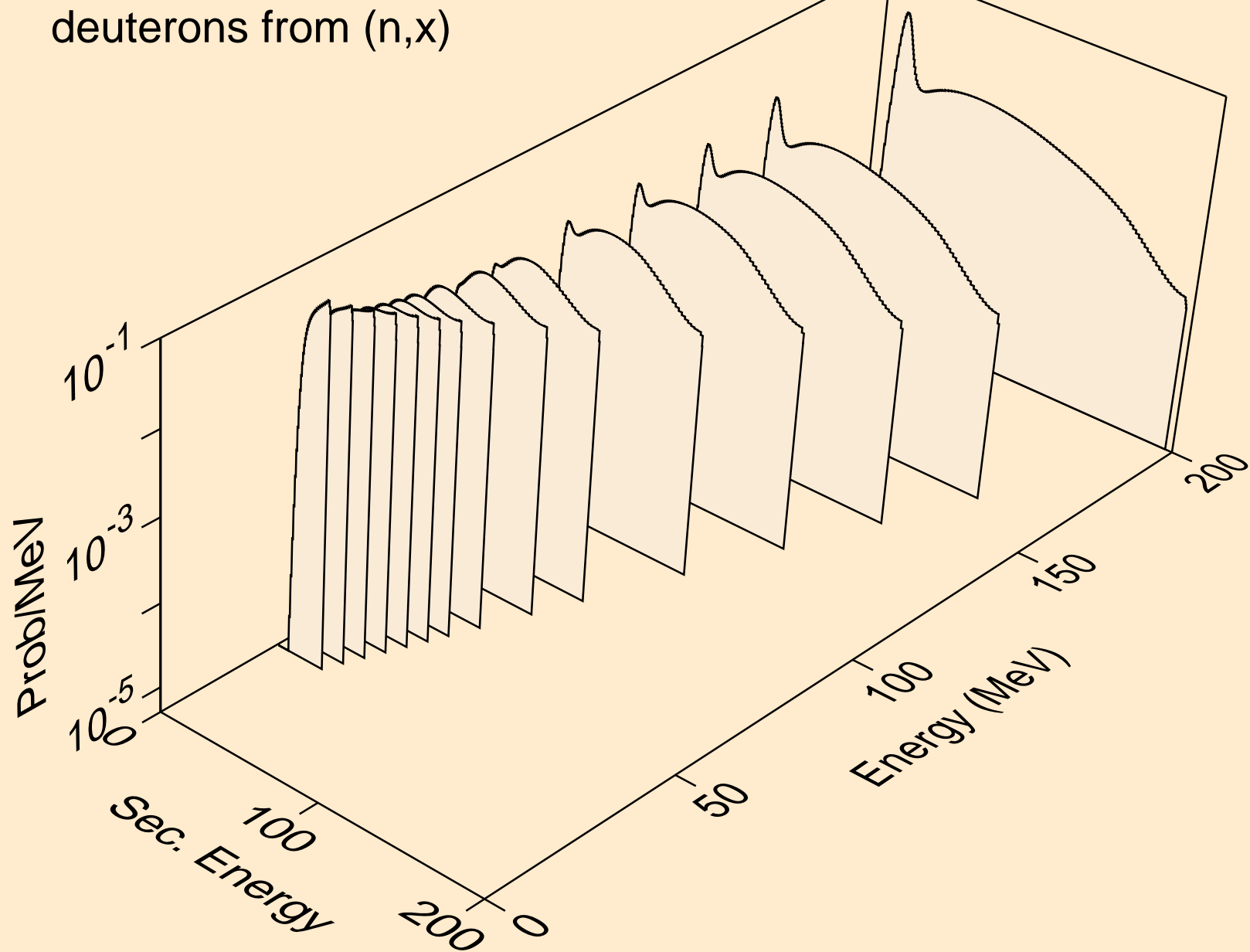
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



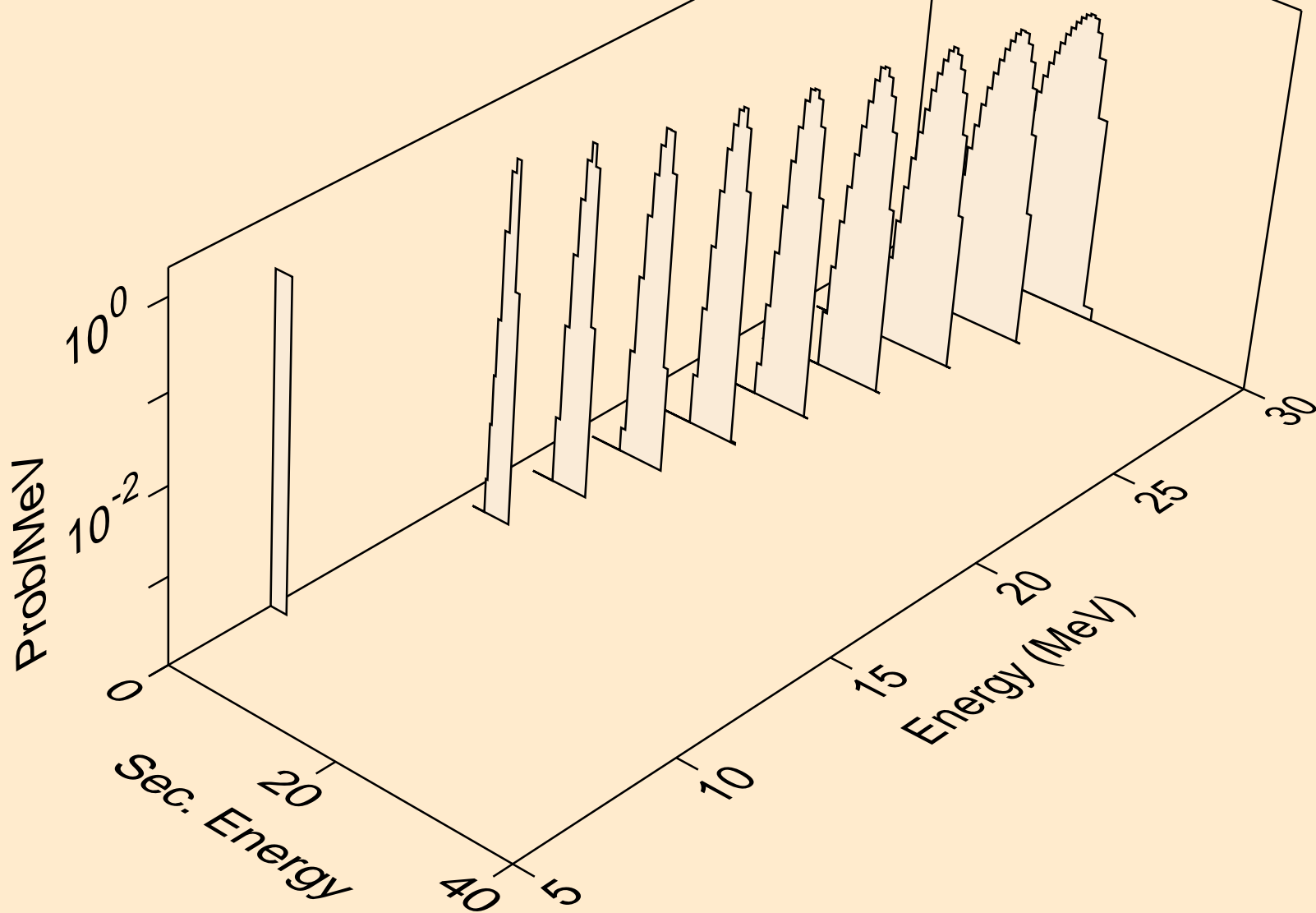
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



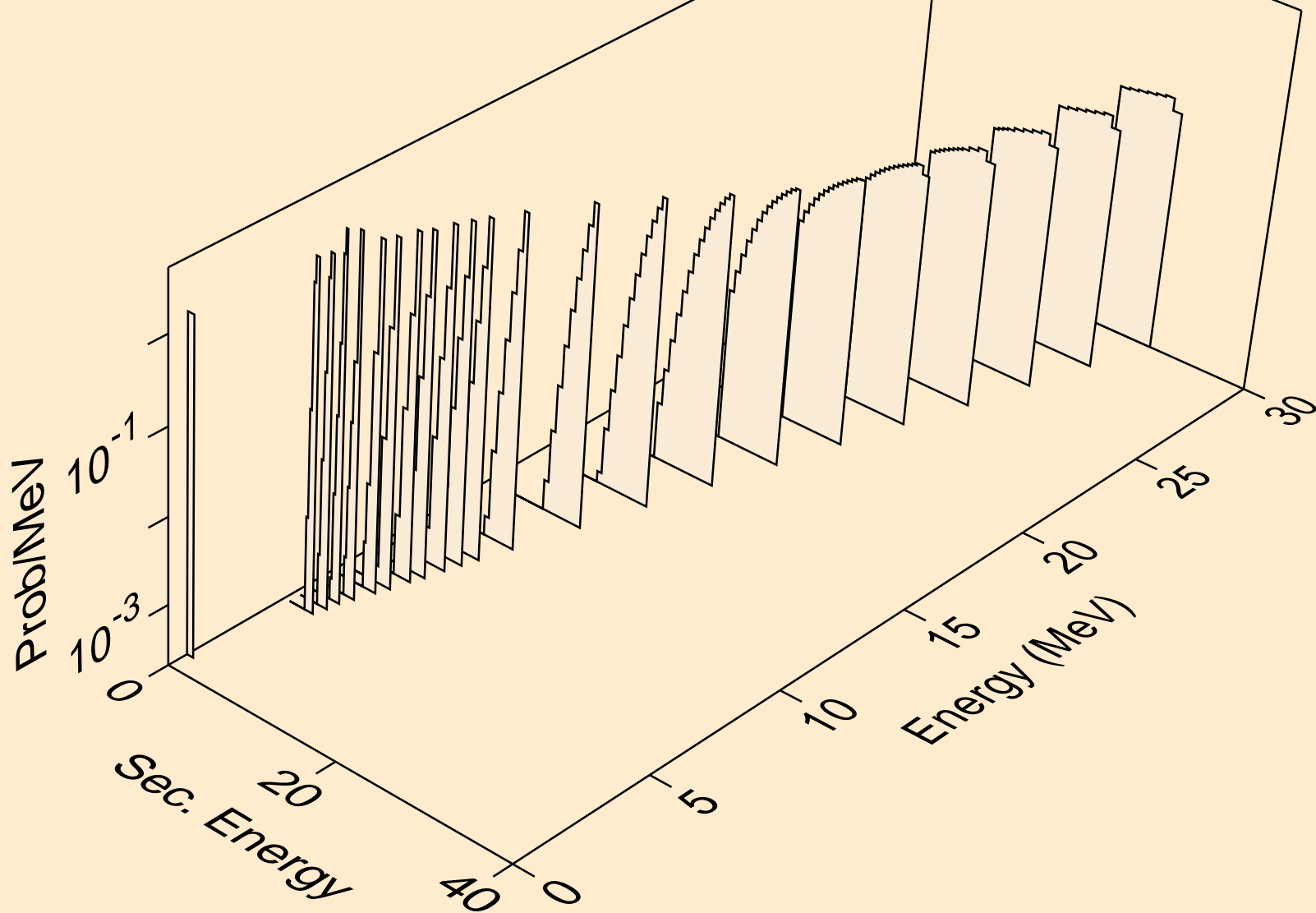
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



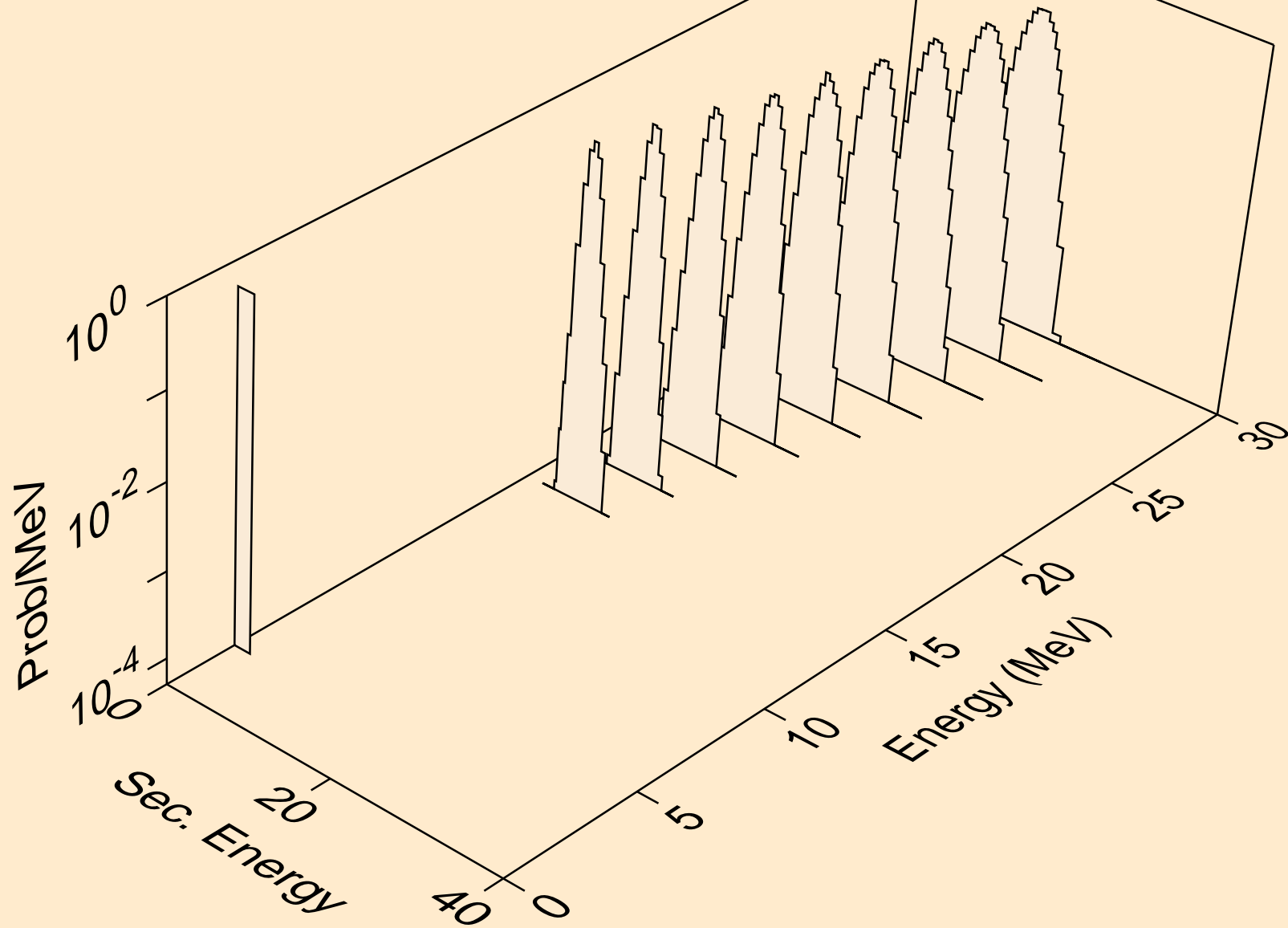
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



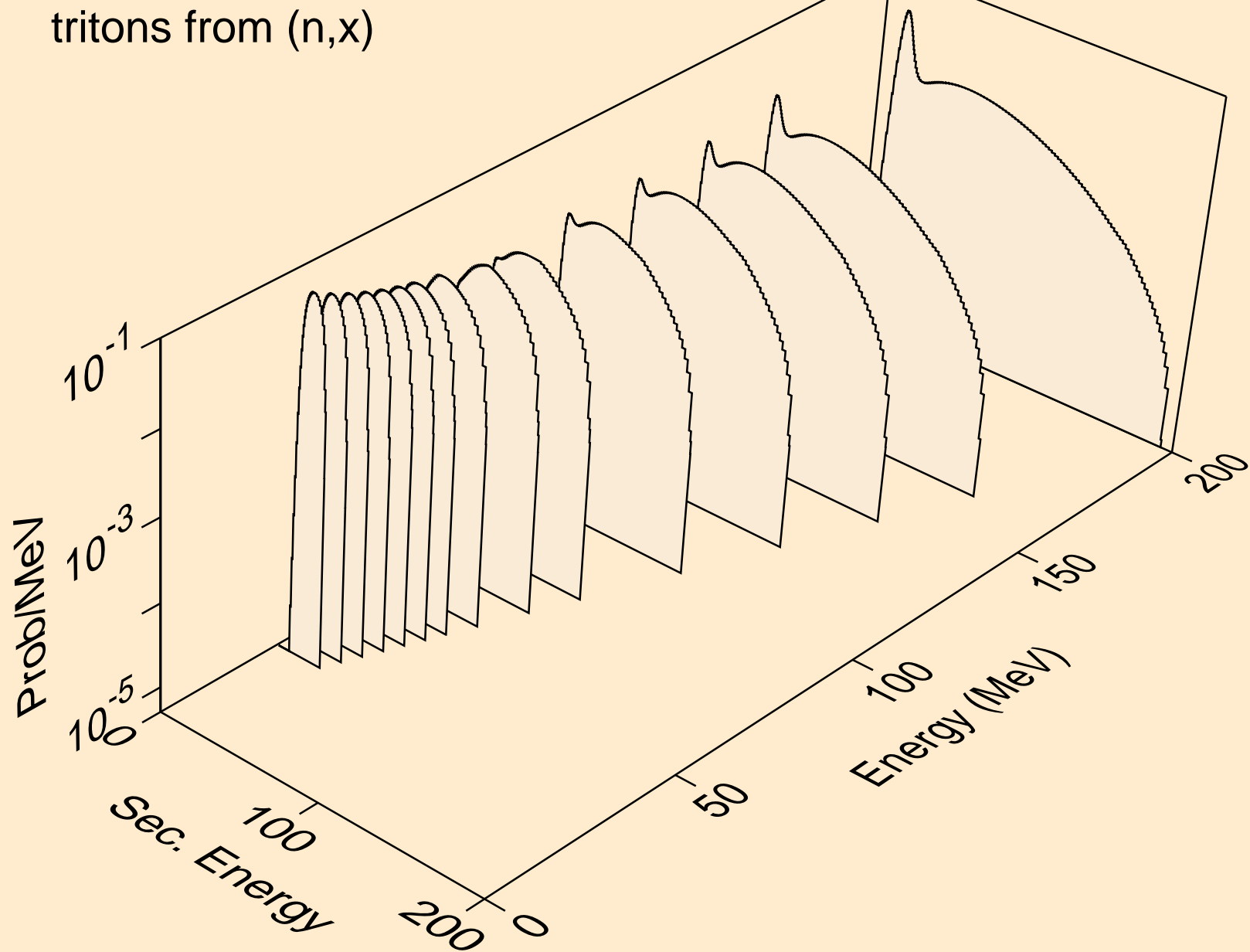
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deuterons from (n,d)



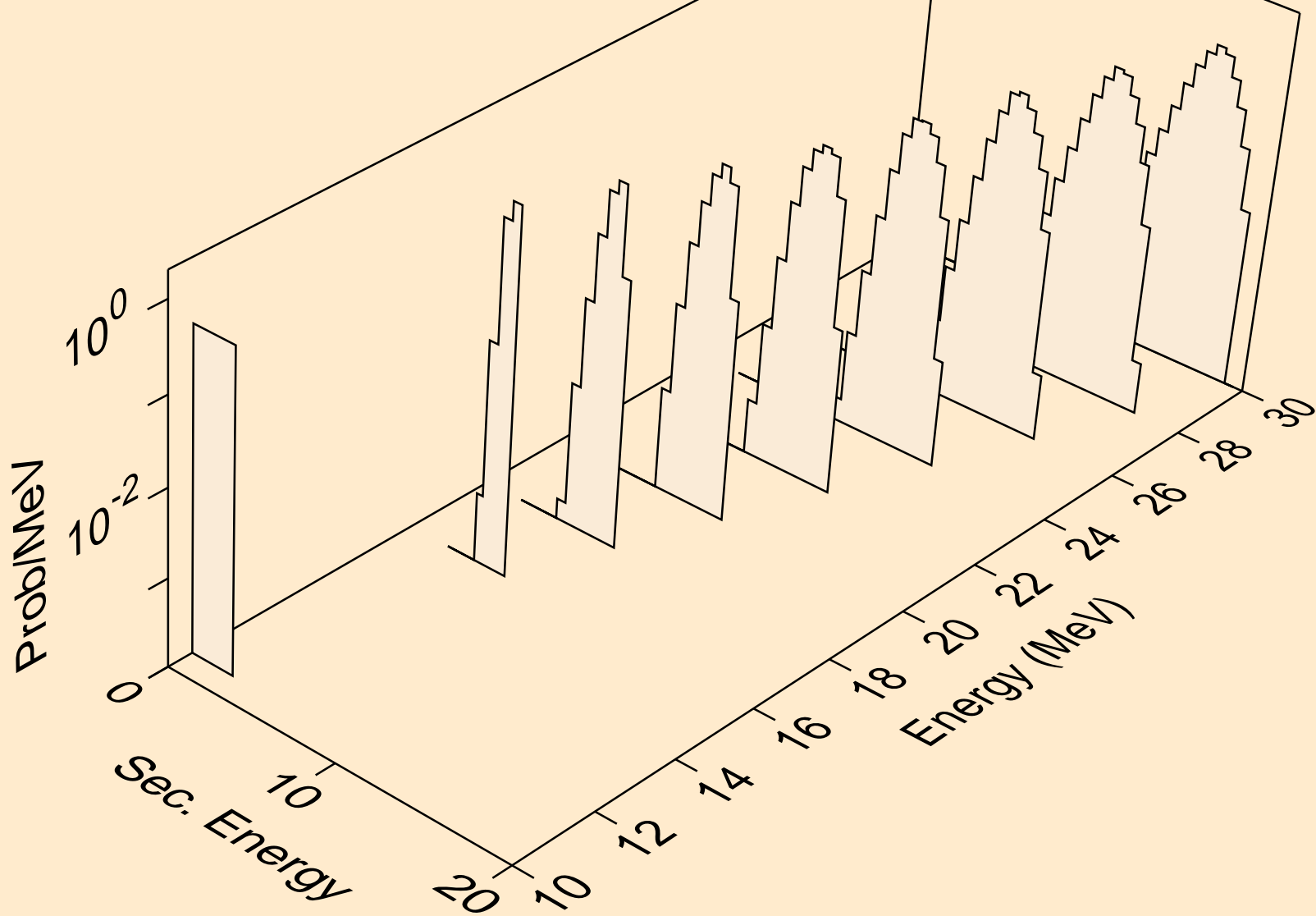
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



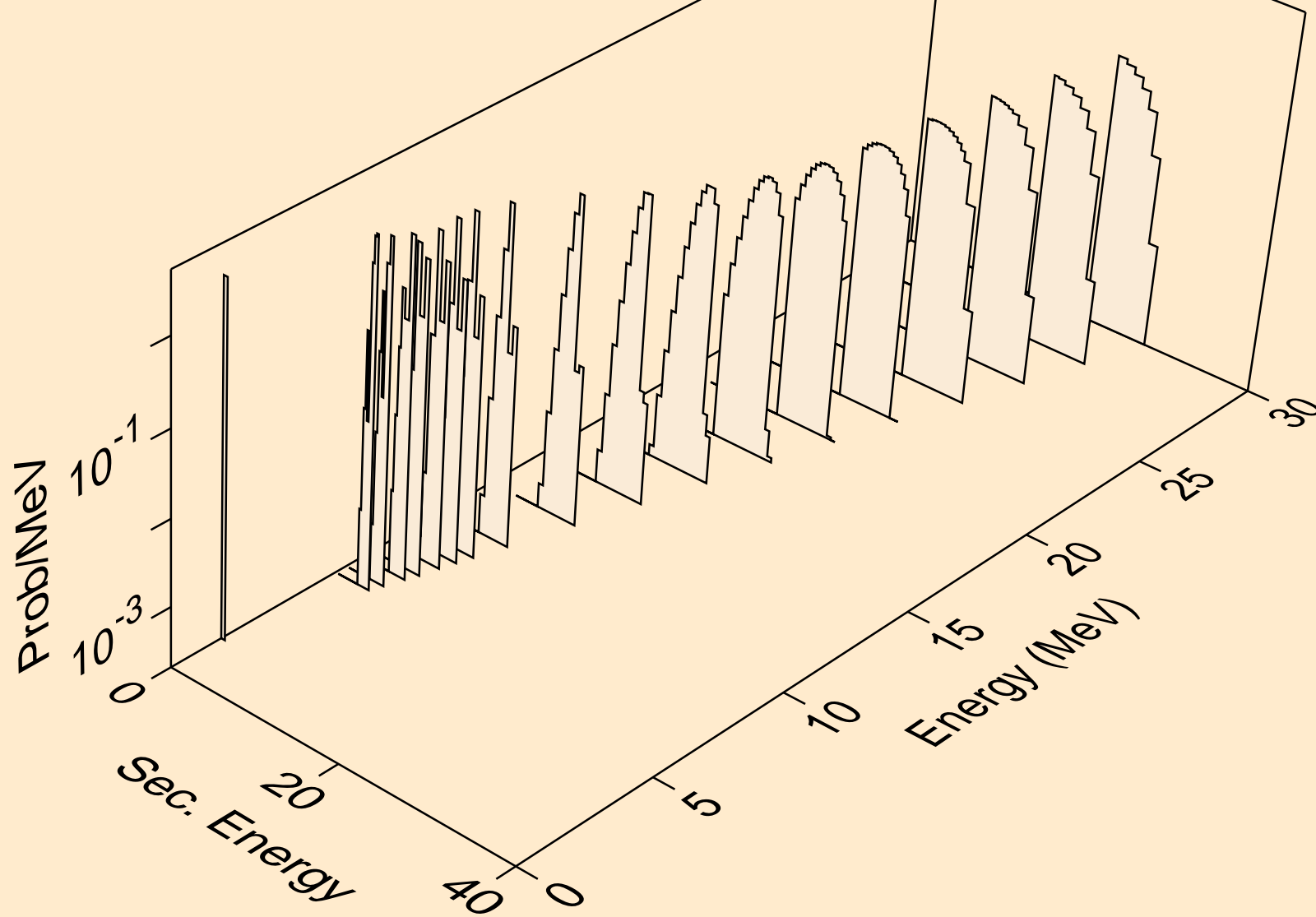
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



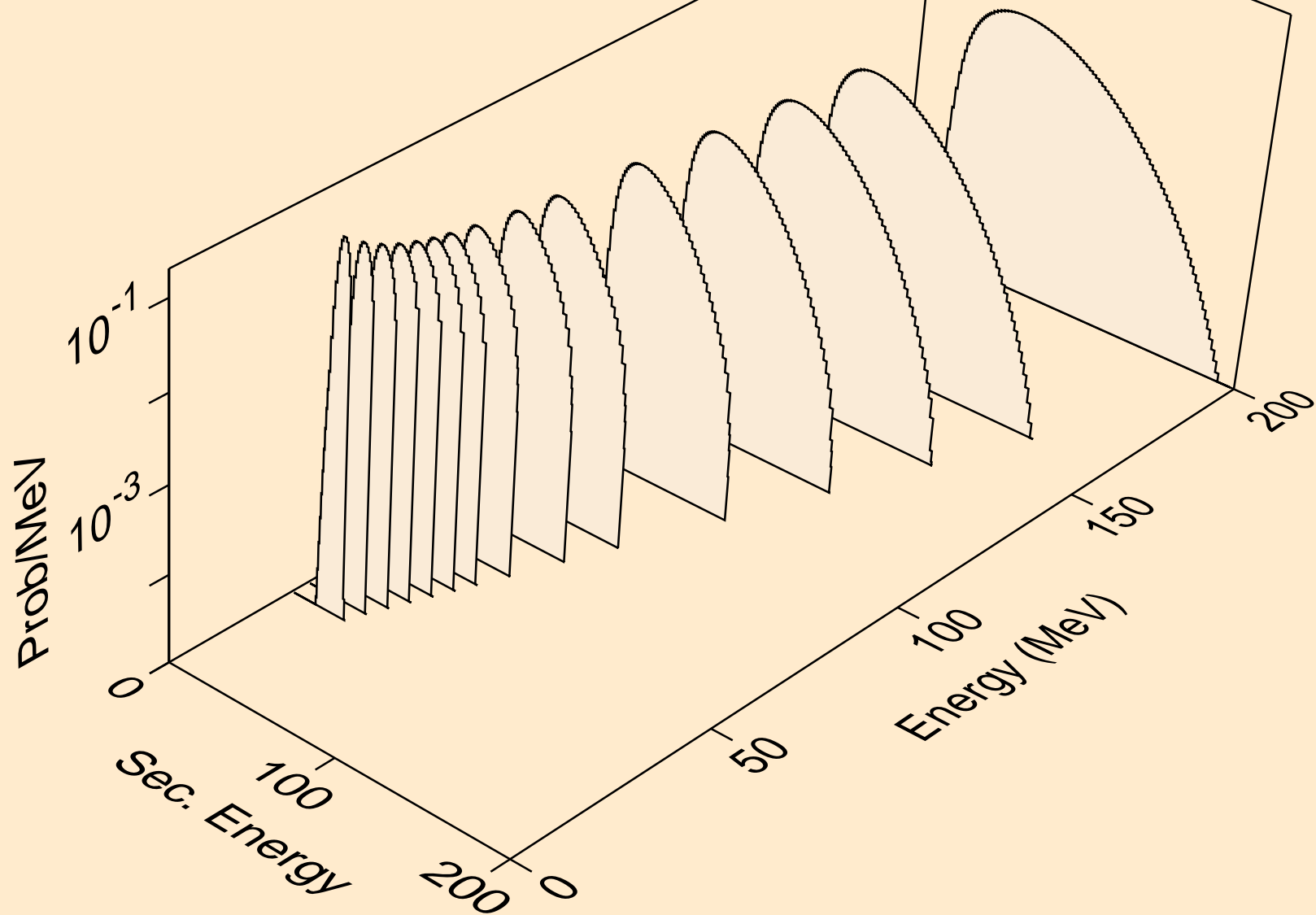
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



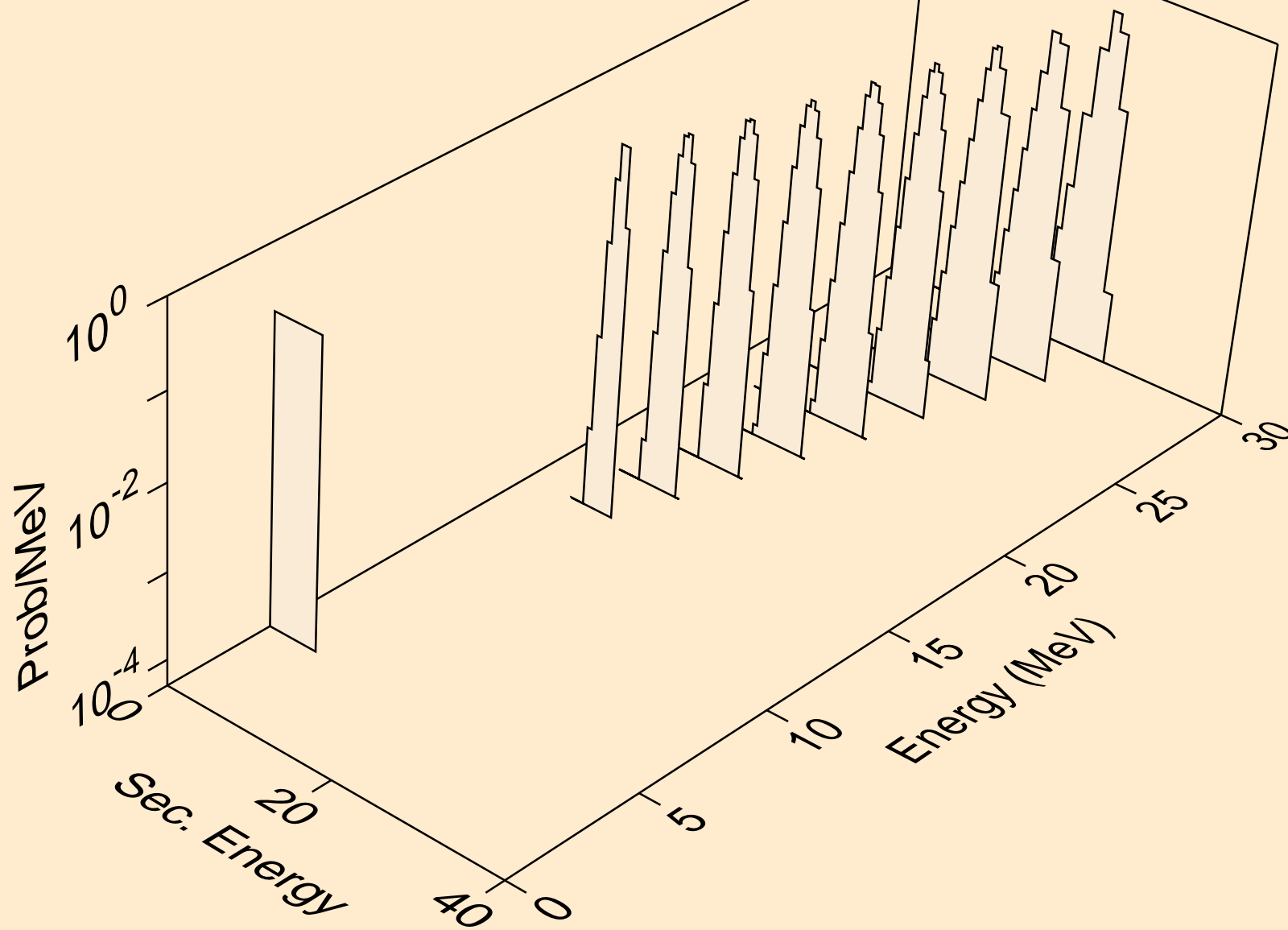
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tritons from (n,t)



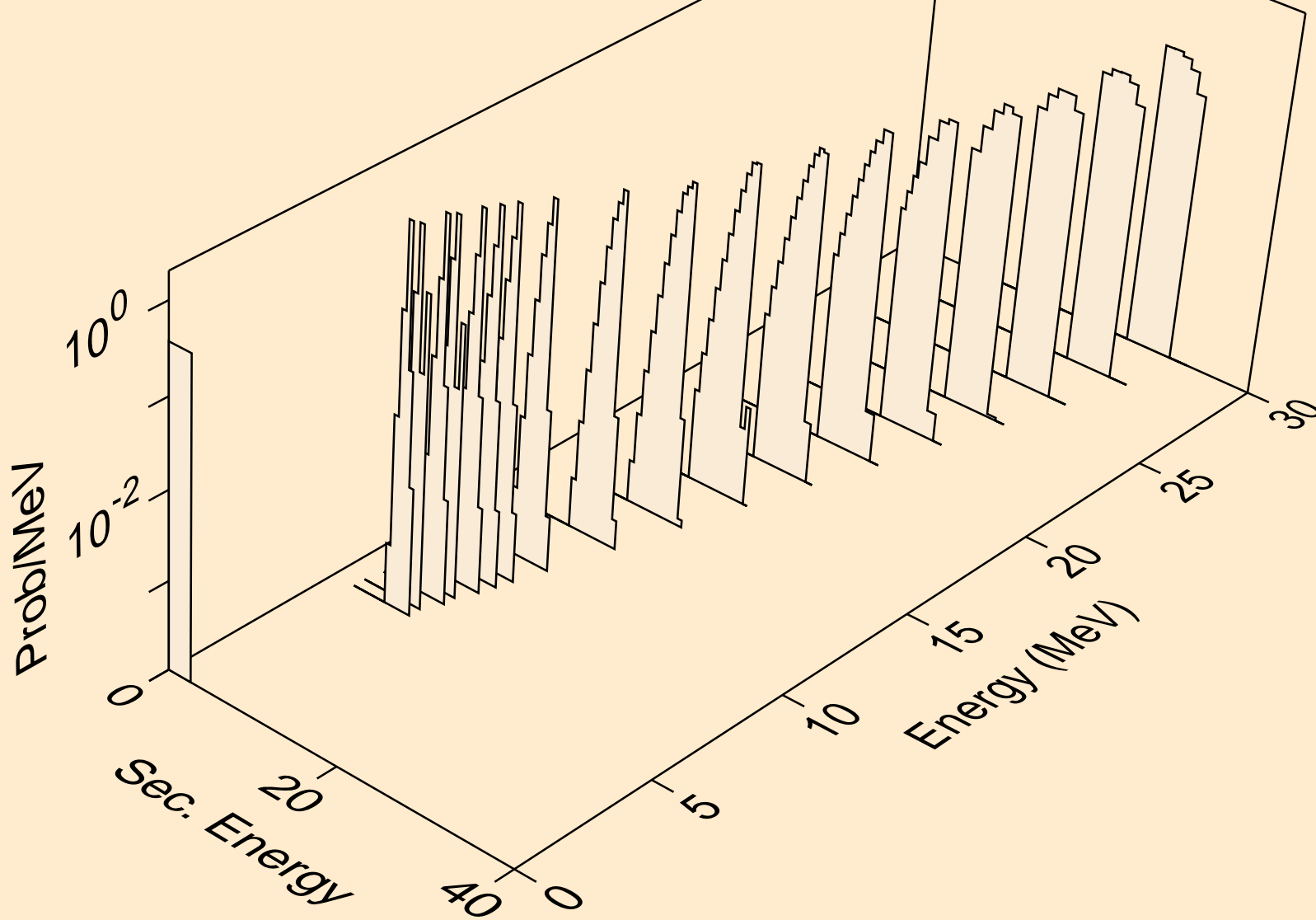
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



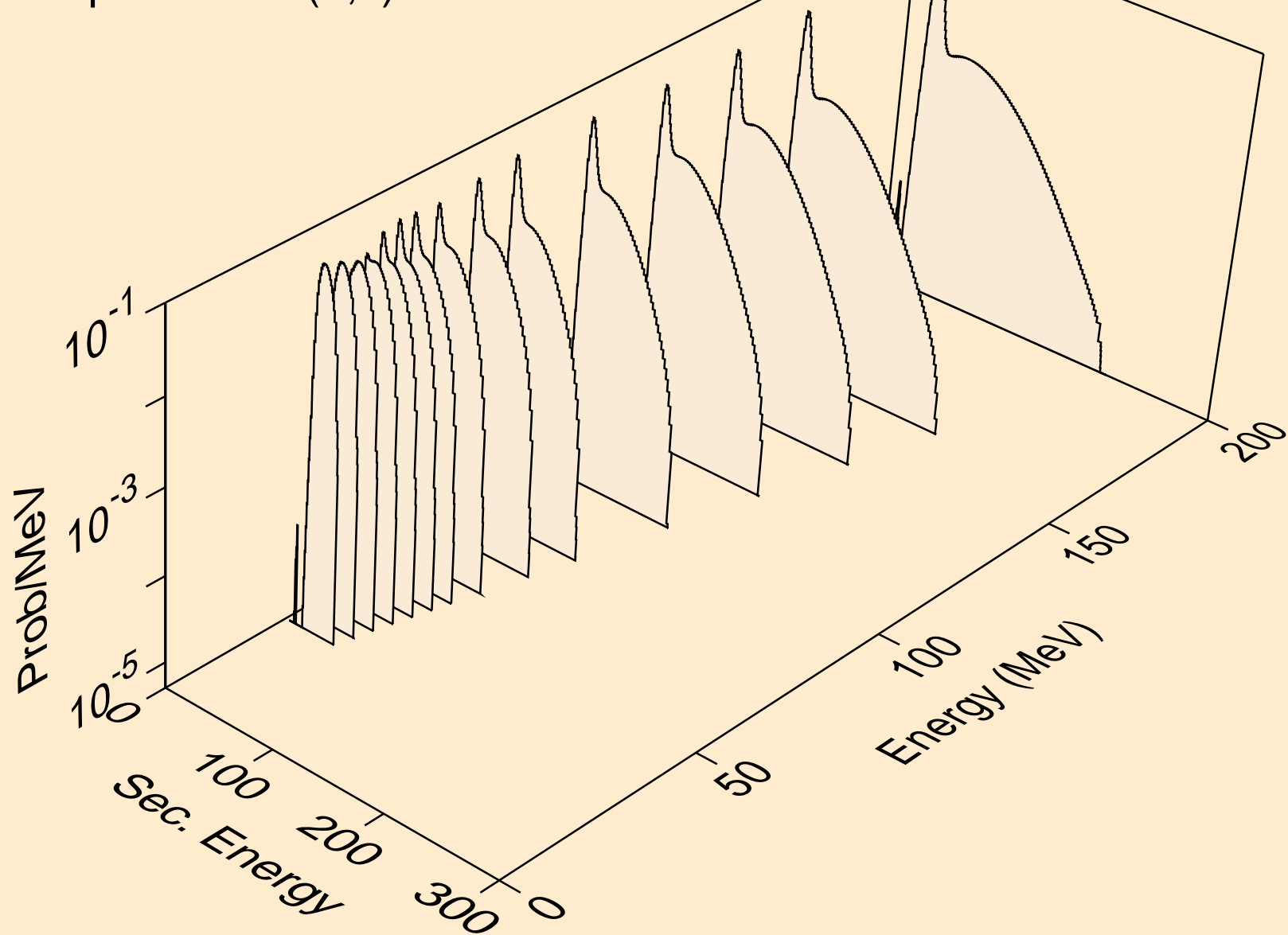
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he3s from (n,n*)he3



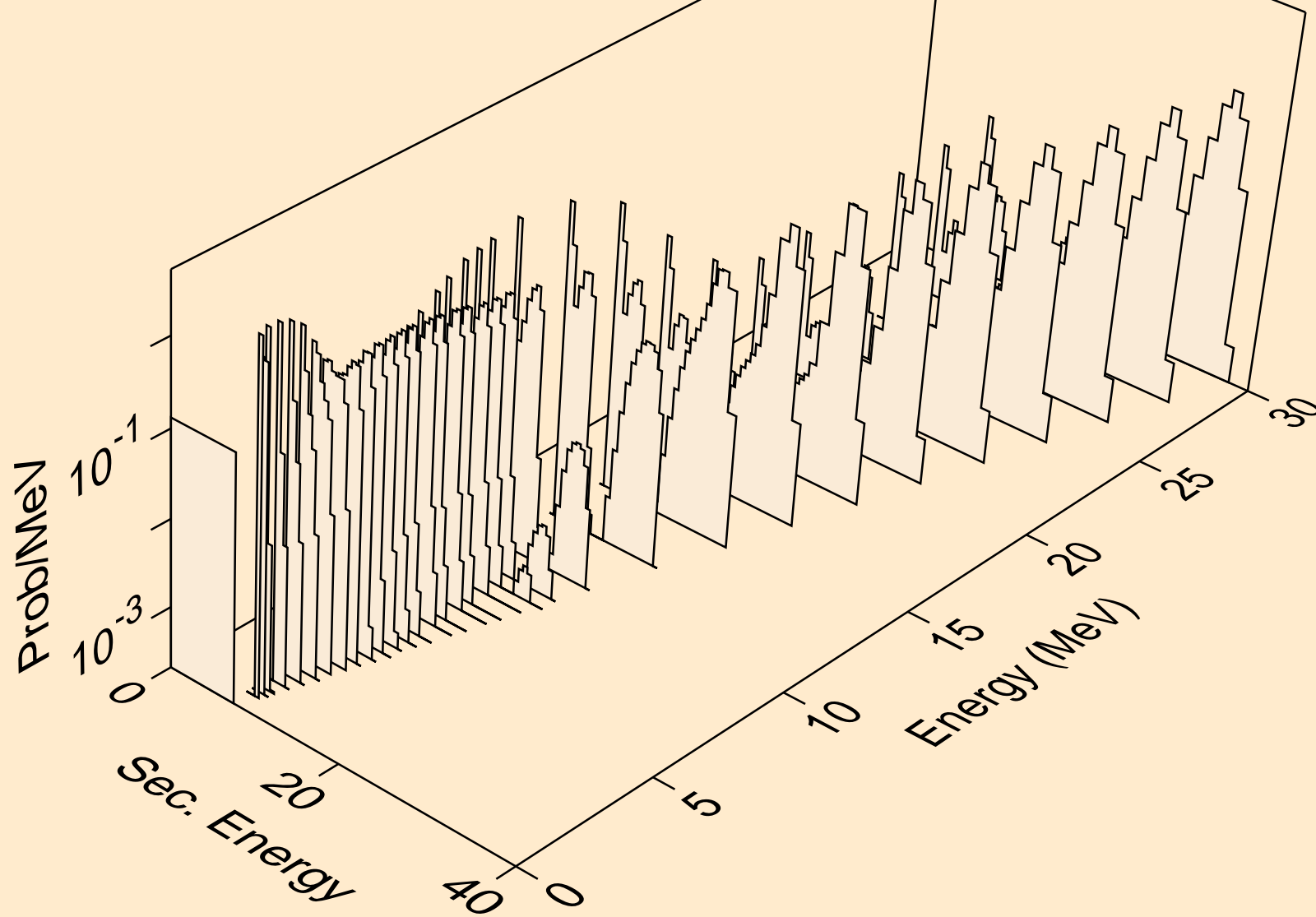
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he3s from (n,he3)



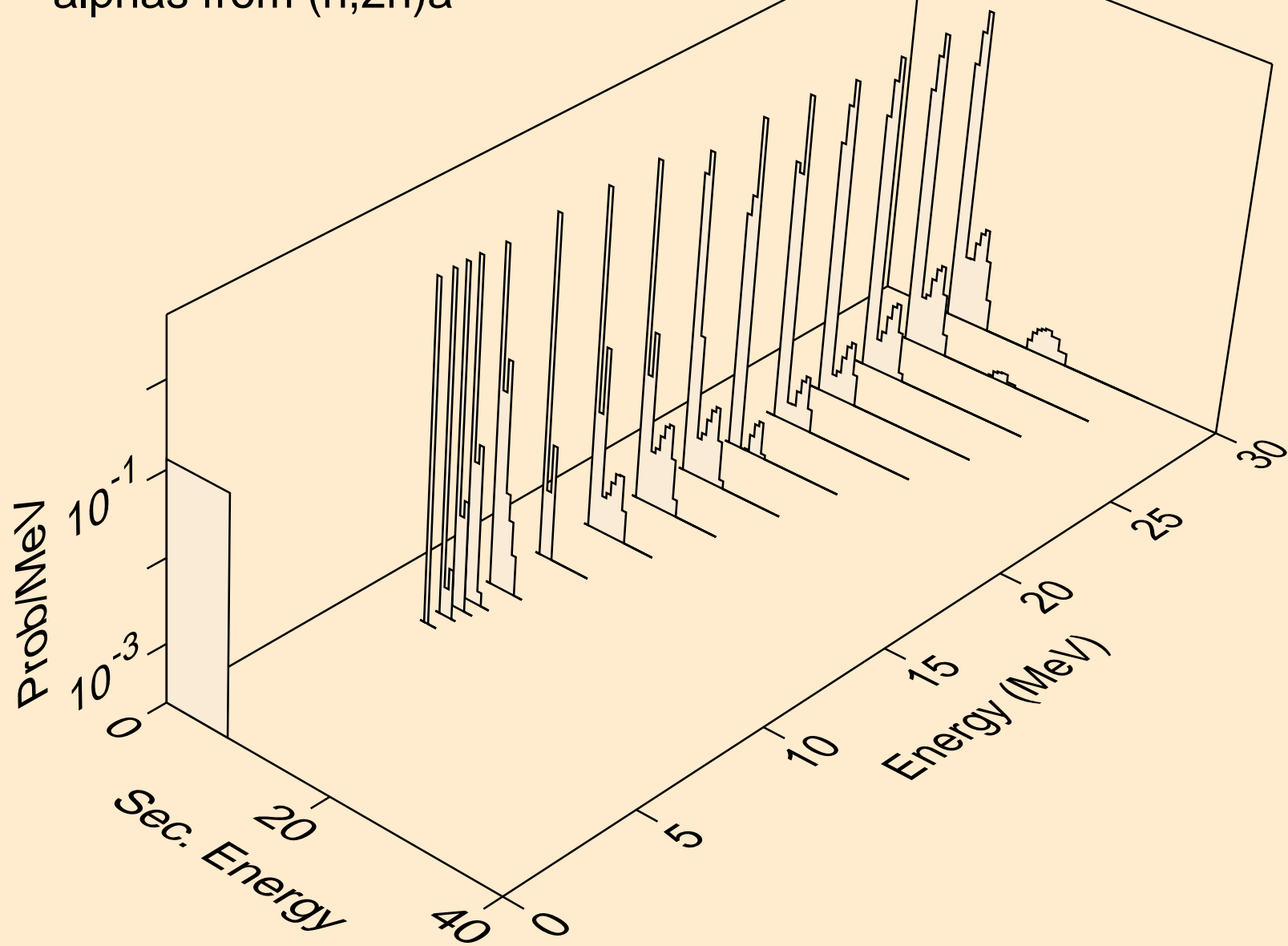
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



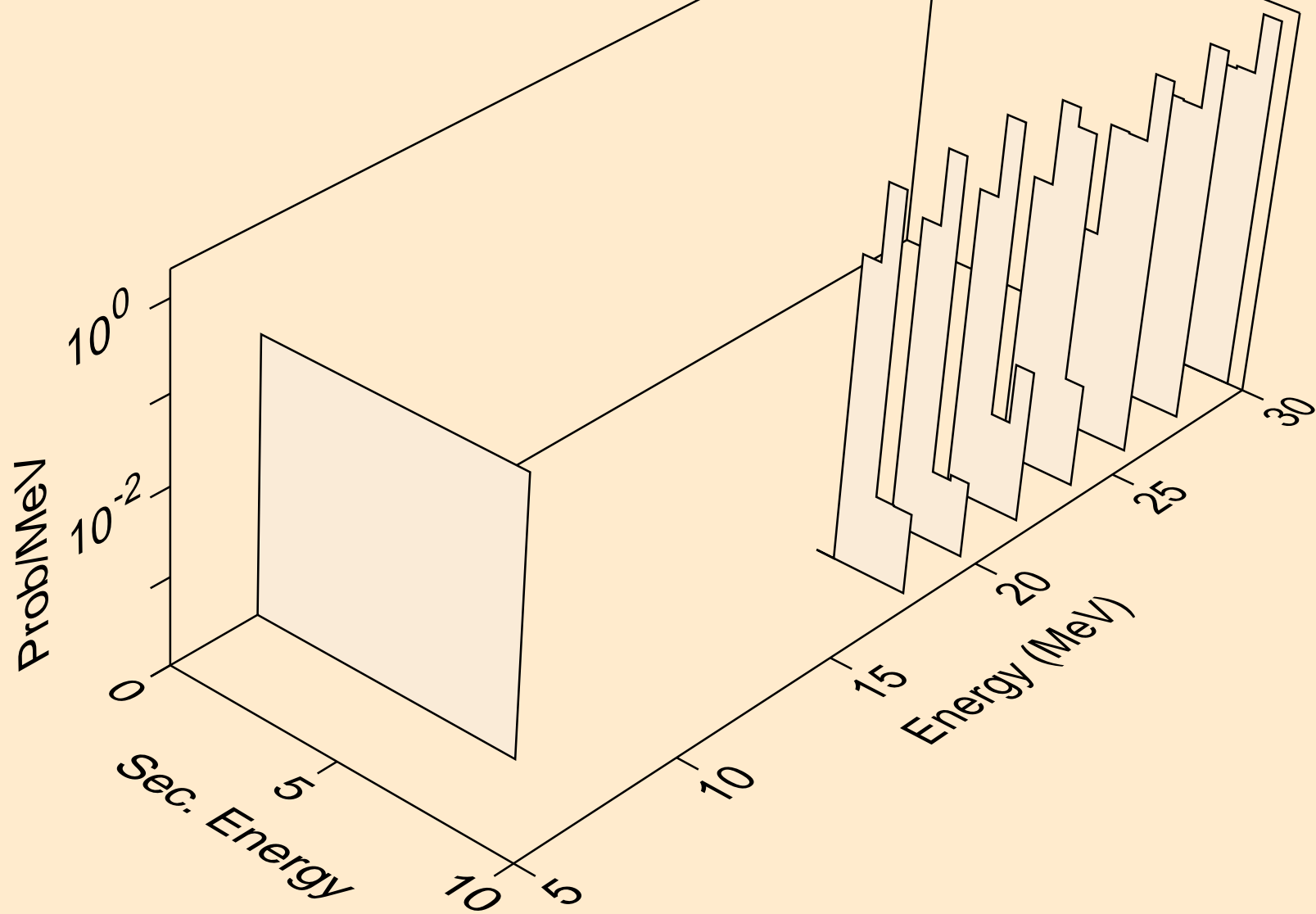
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



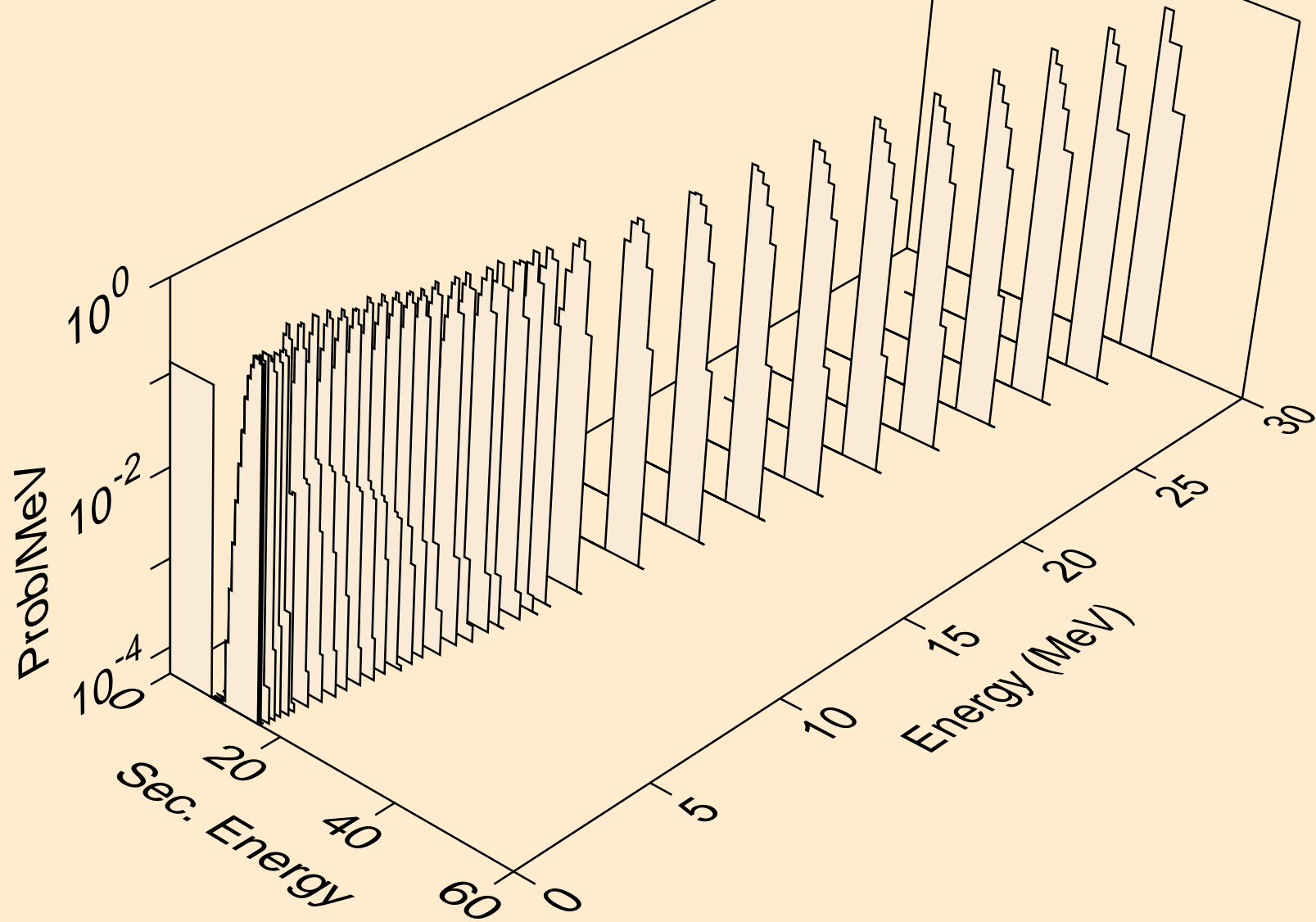
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



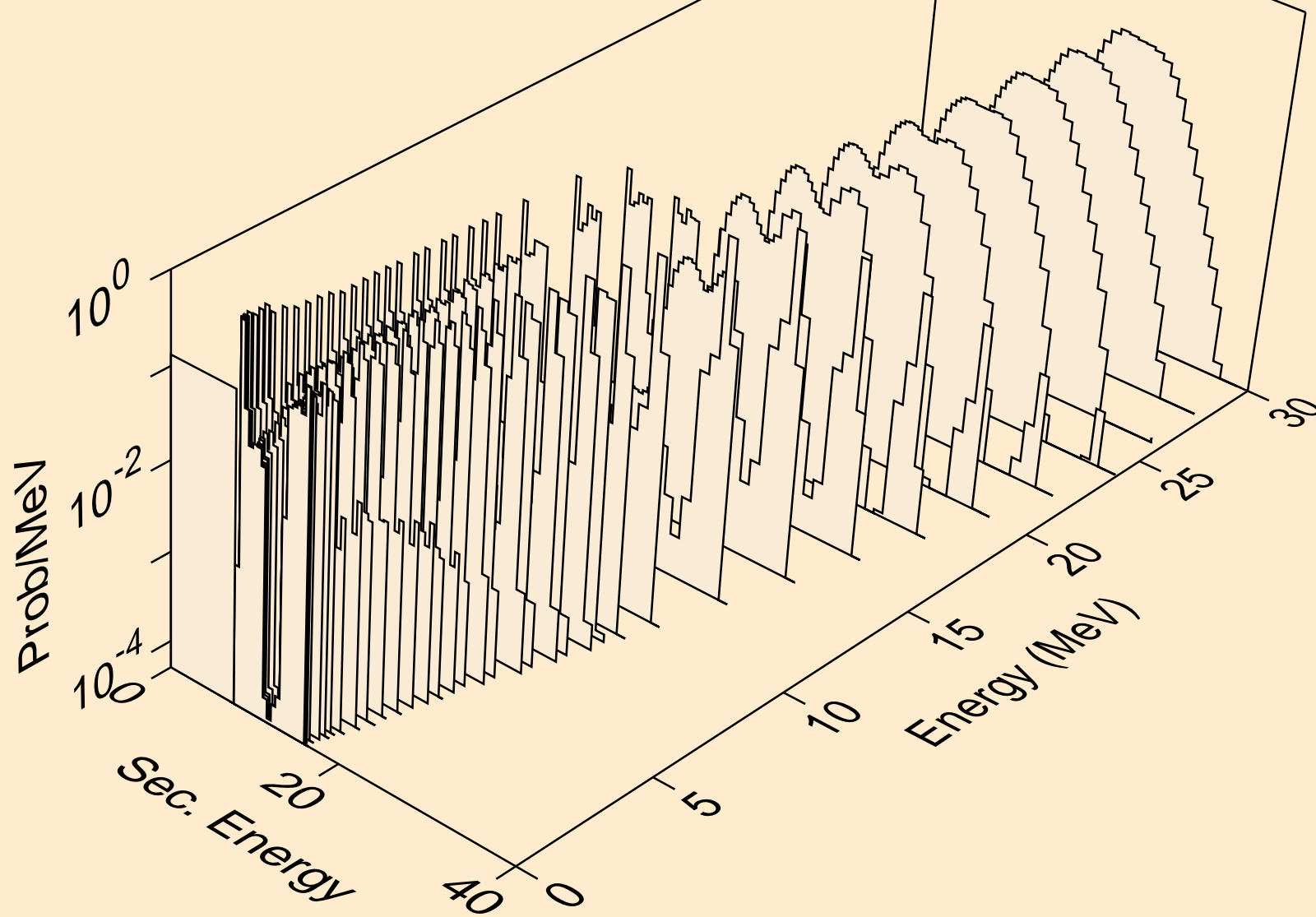
CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



CM231 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)

