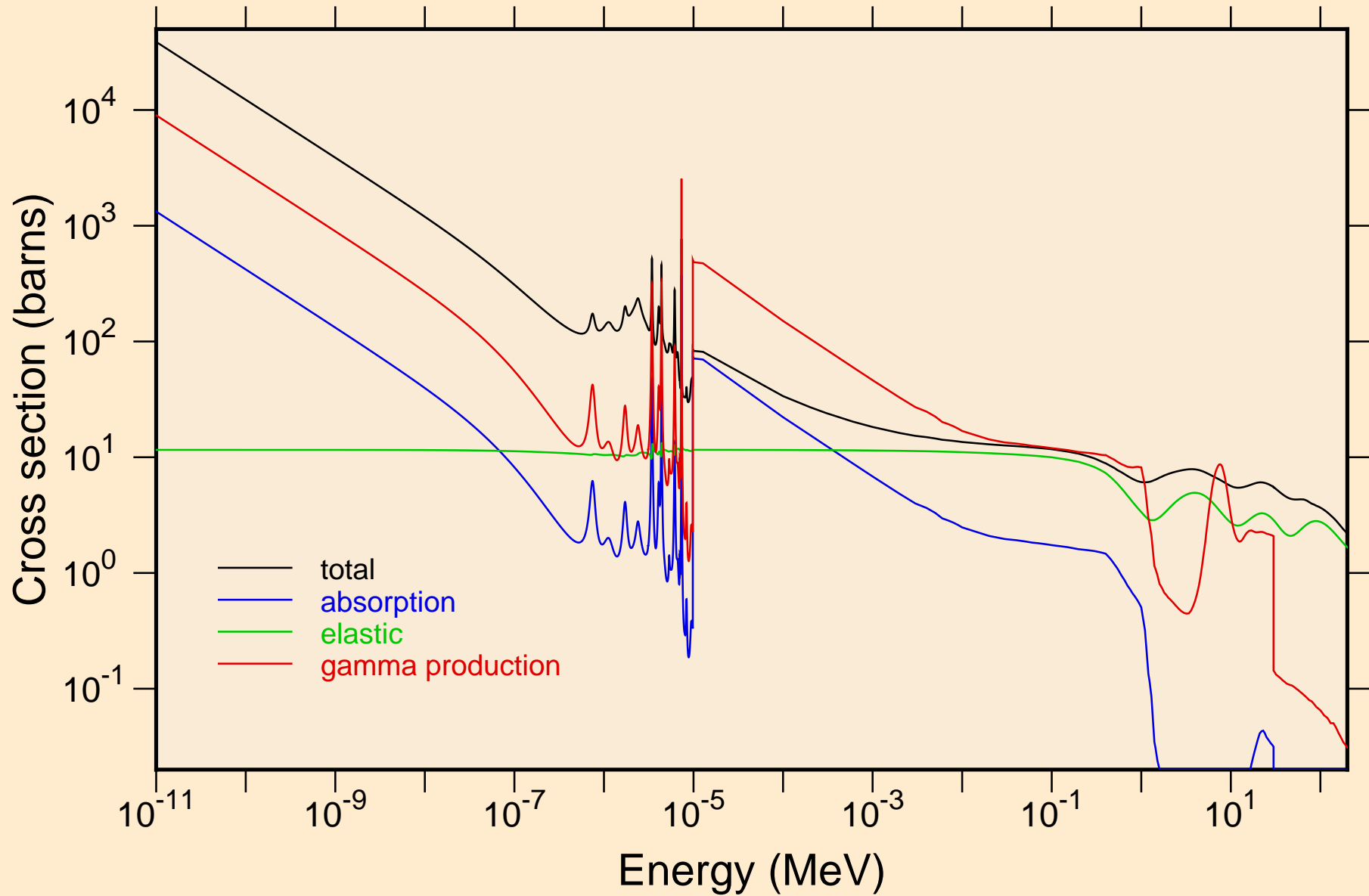
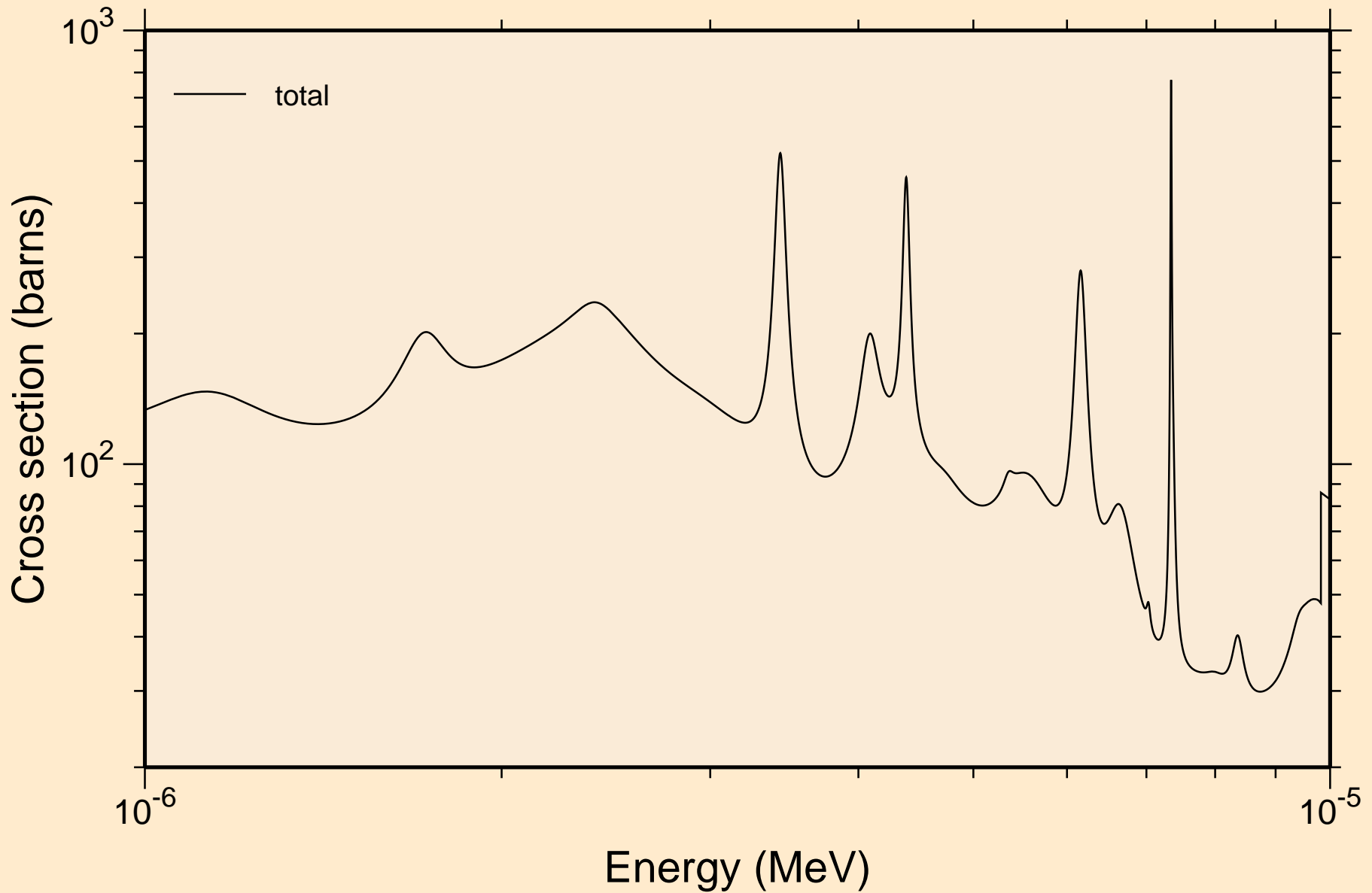


PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

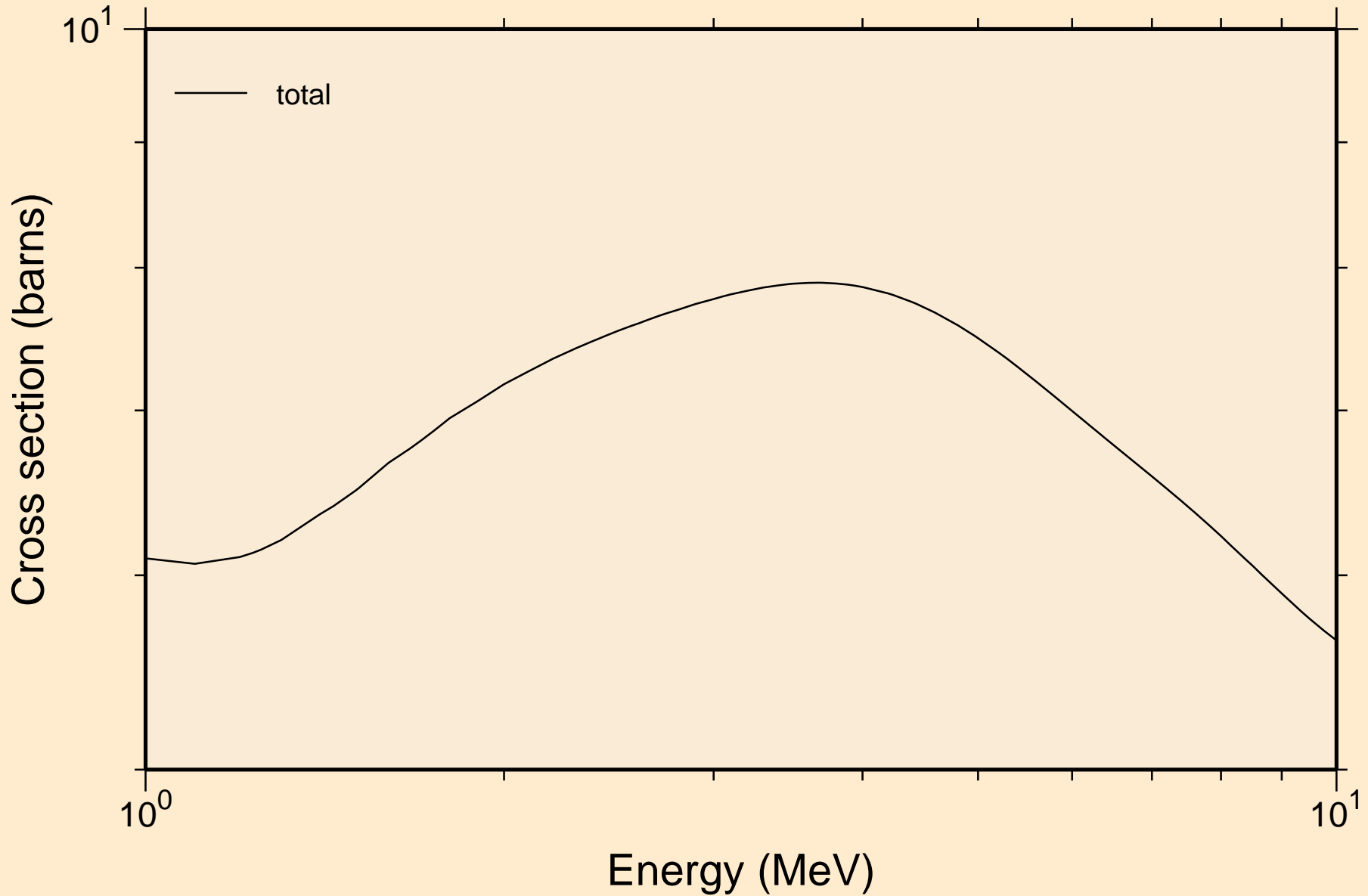
Principal cross sections



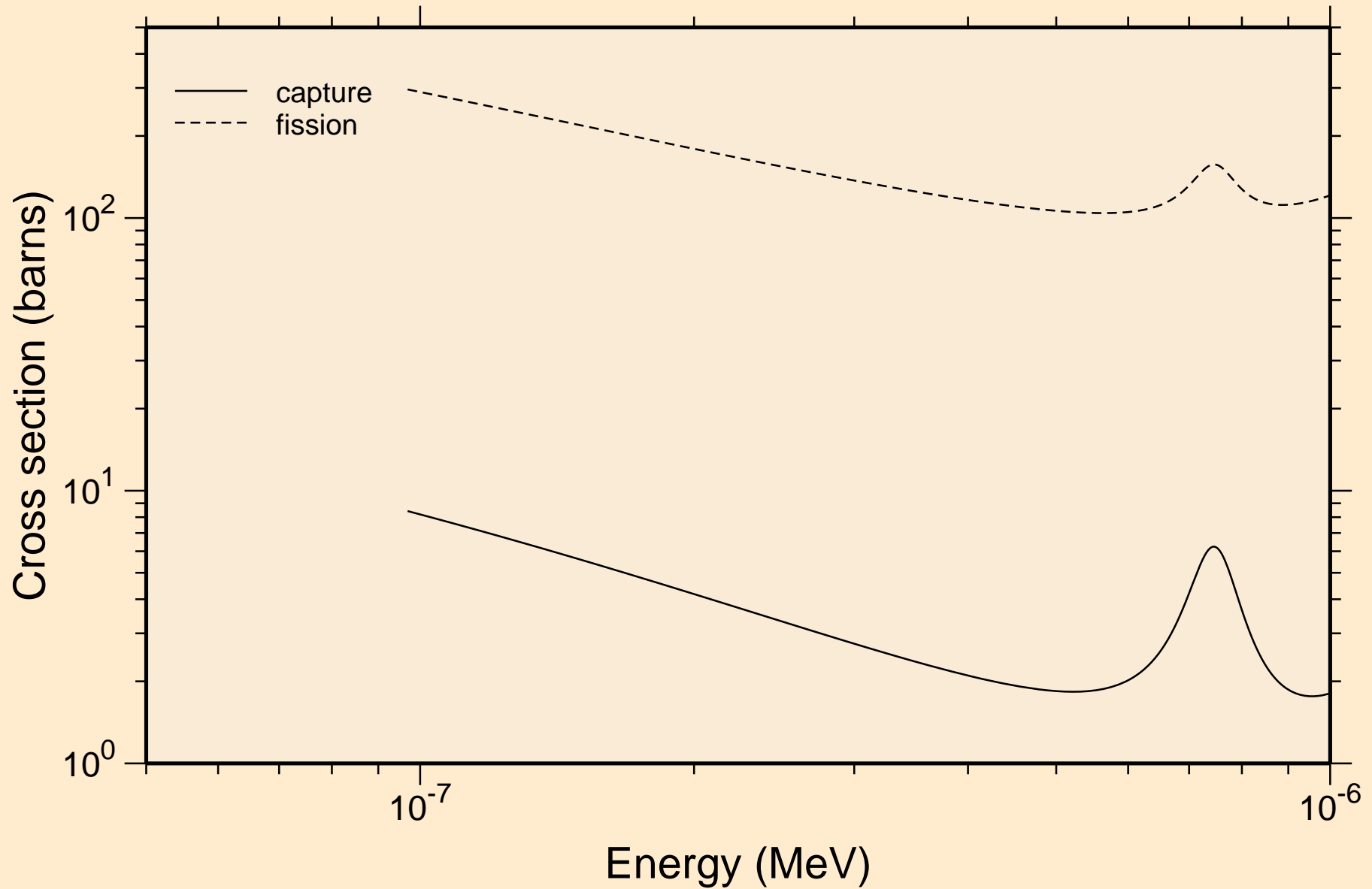
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



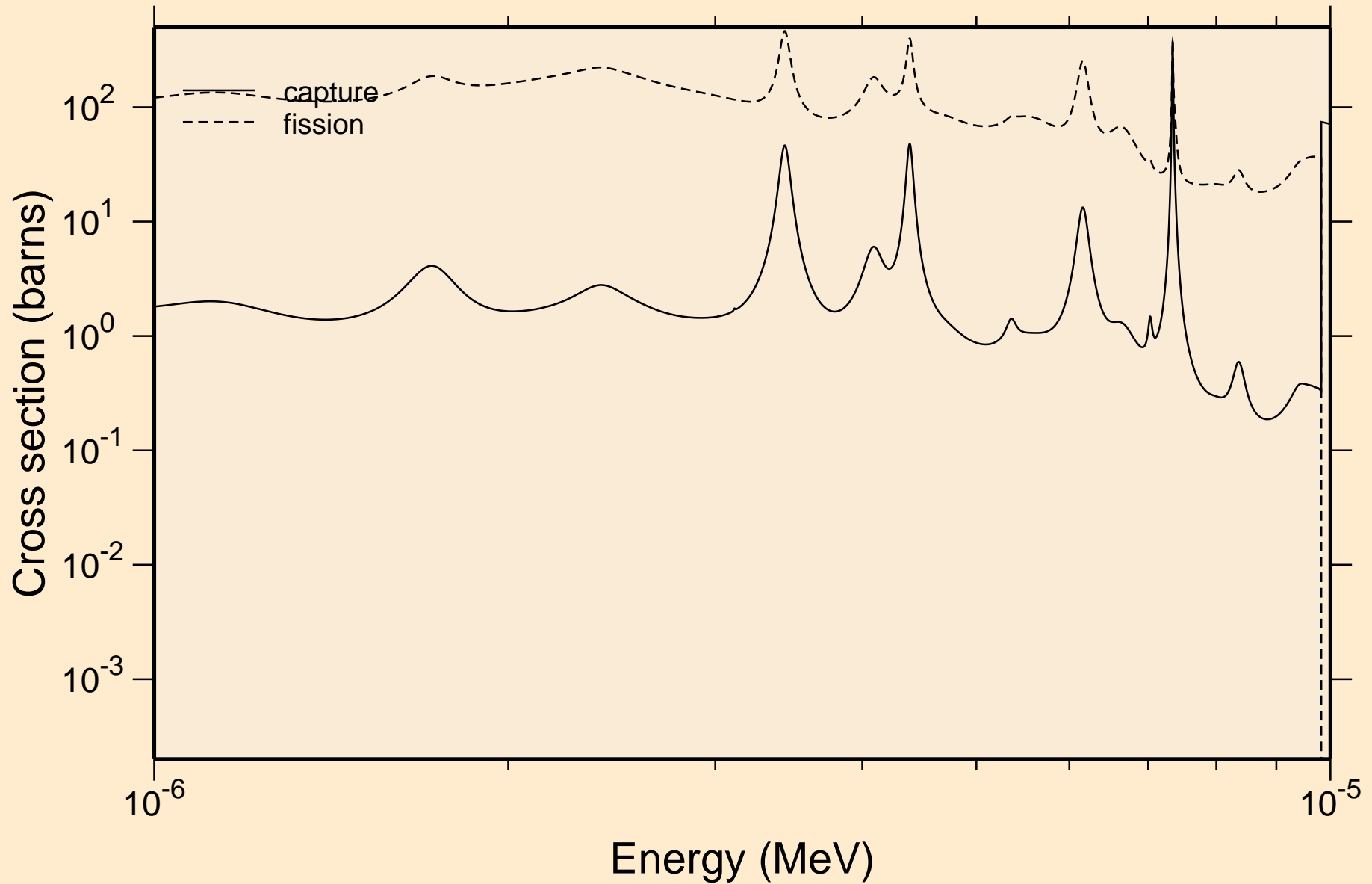
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resonance total cross section



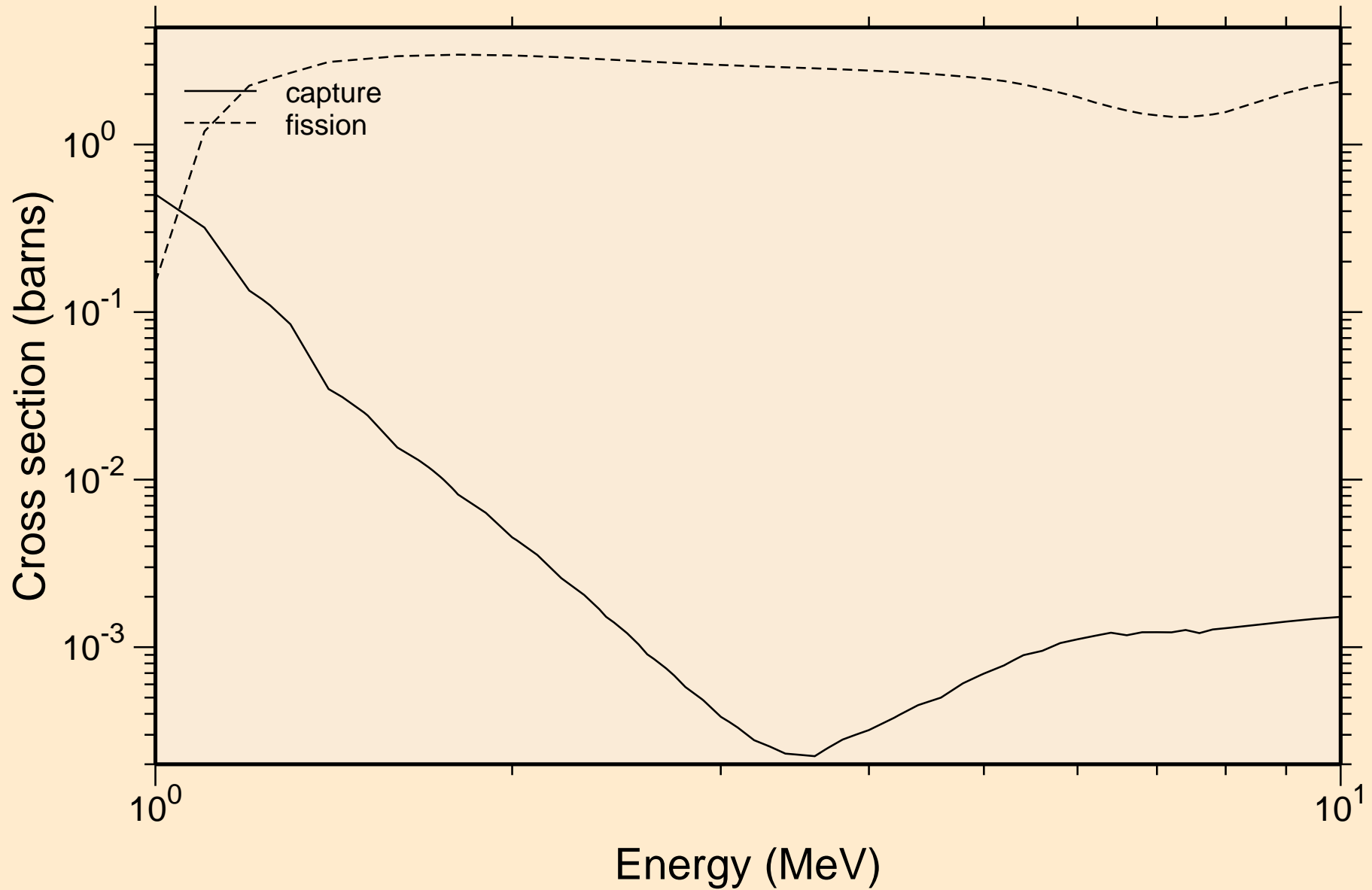
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



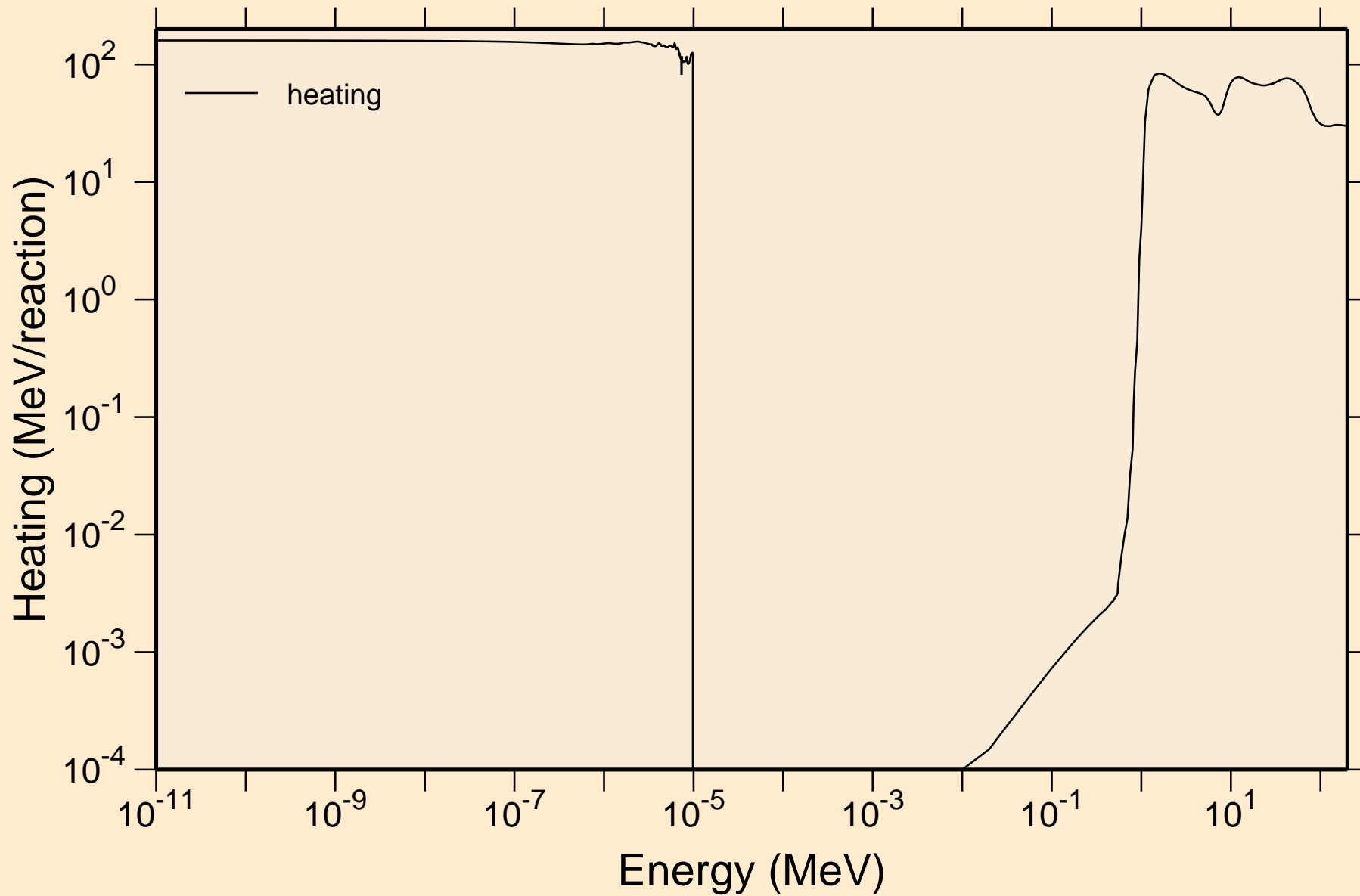
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



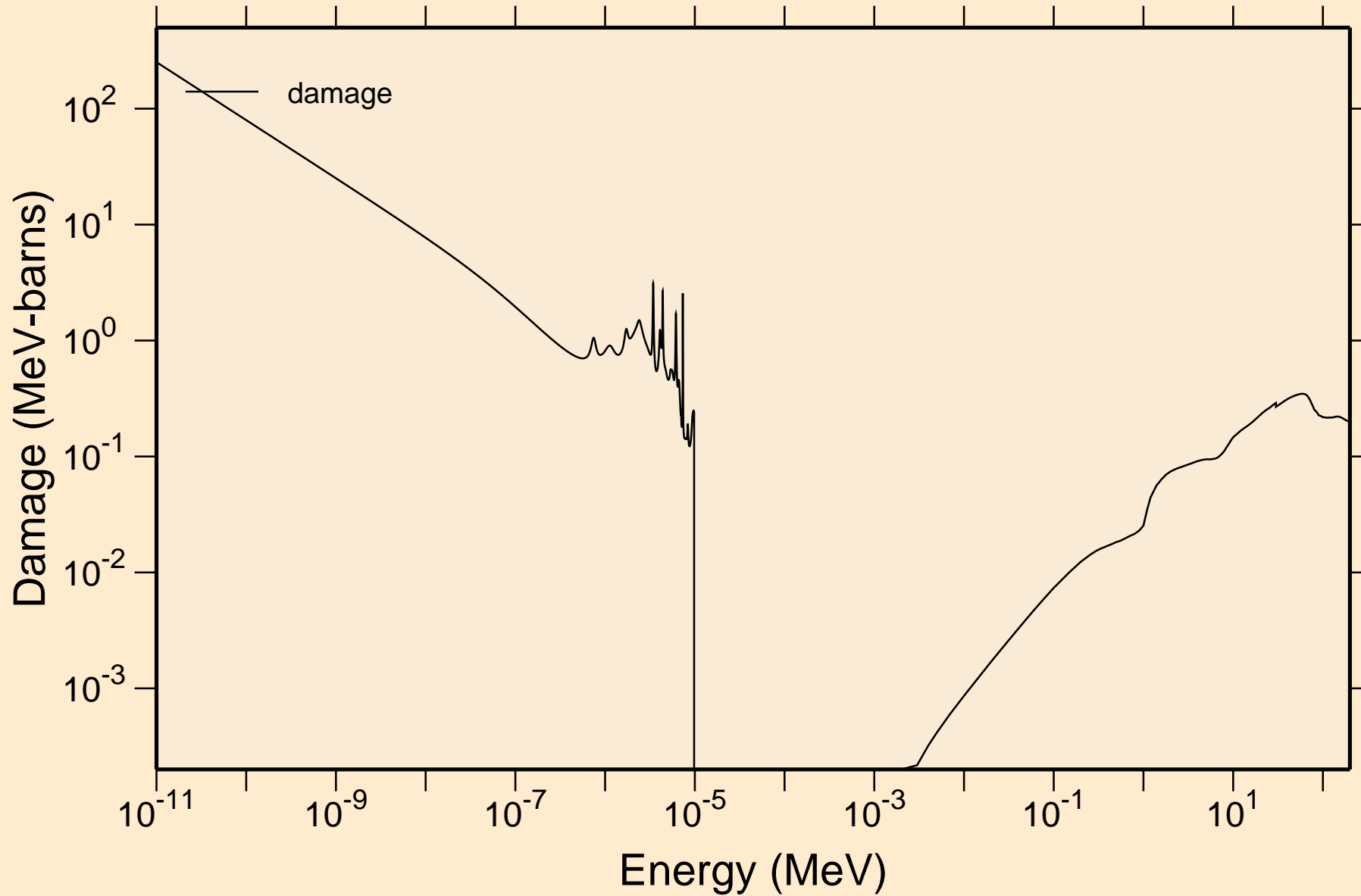
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resonance absorption cross sections



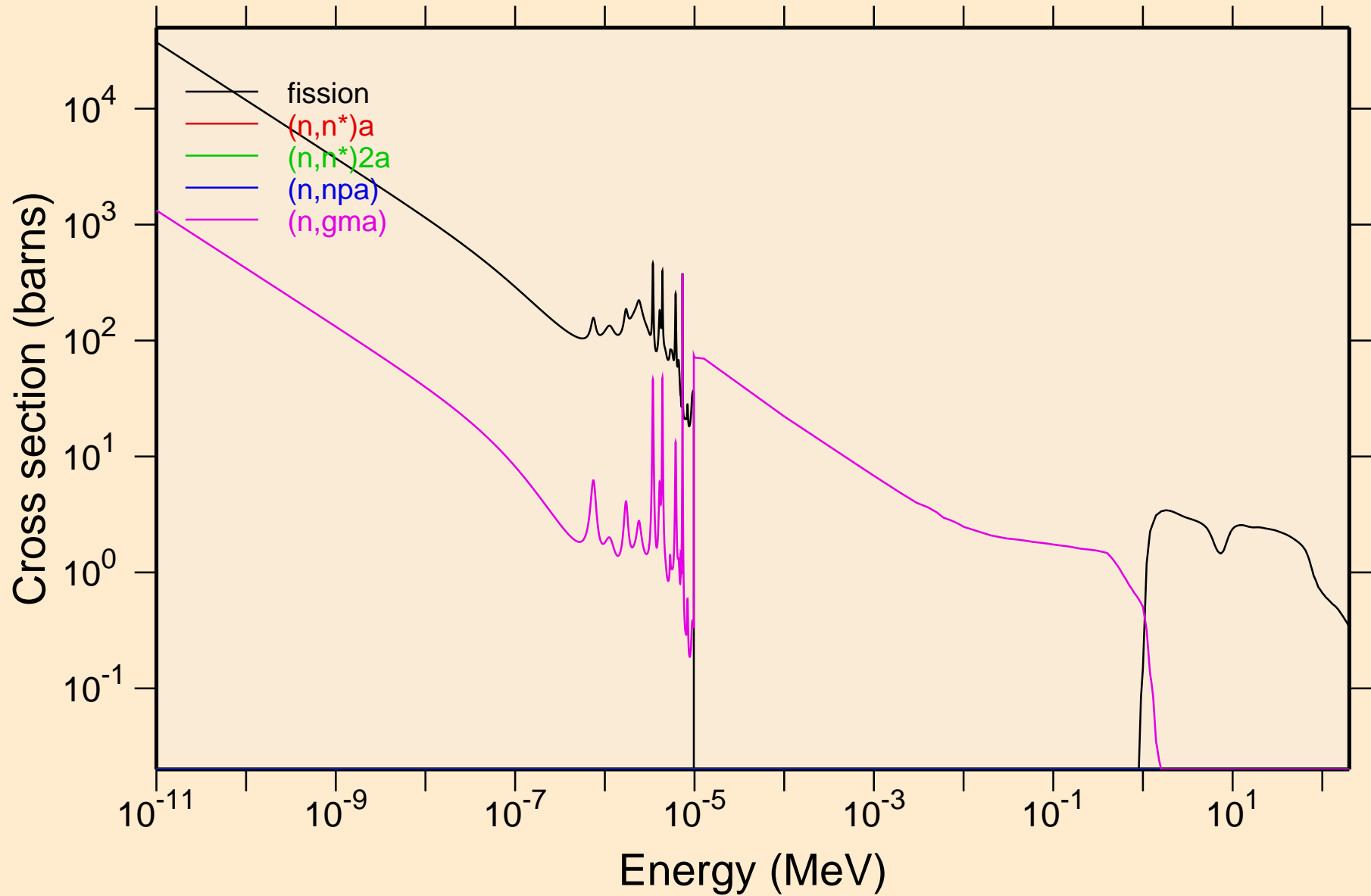
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating



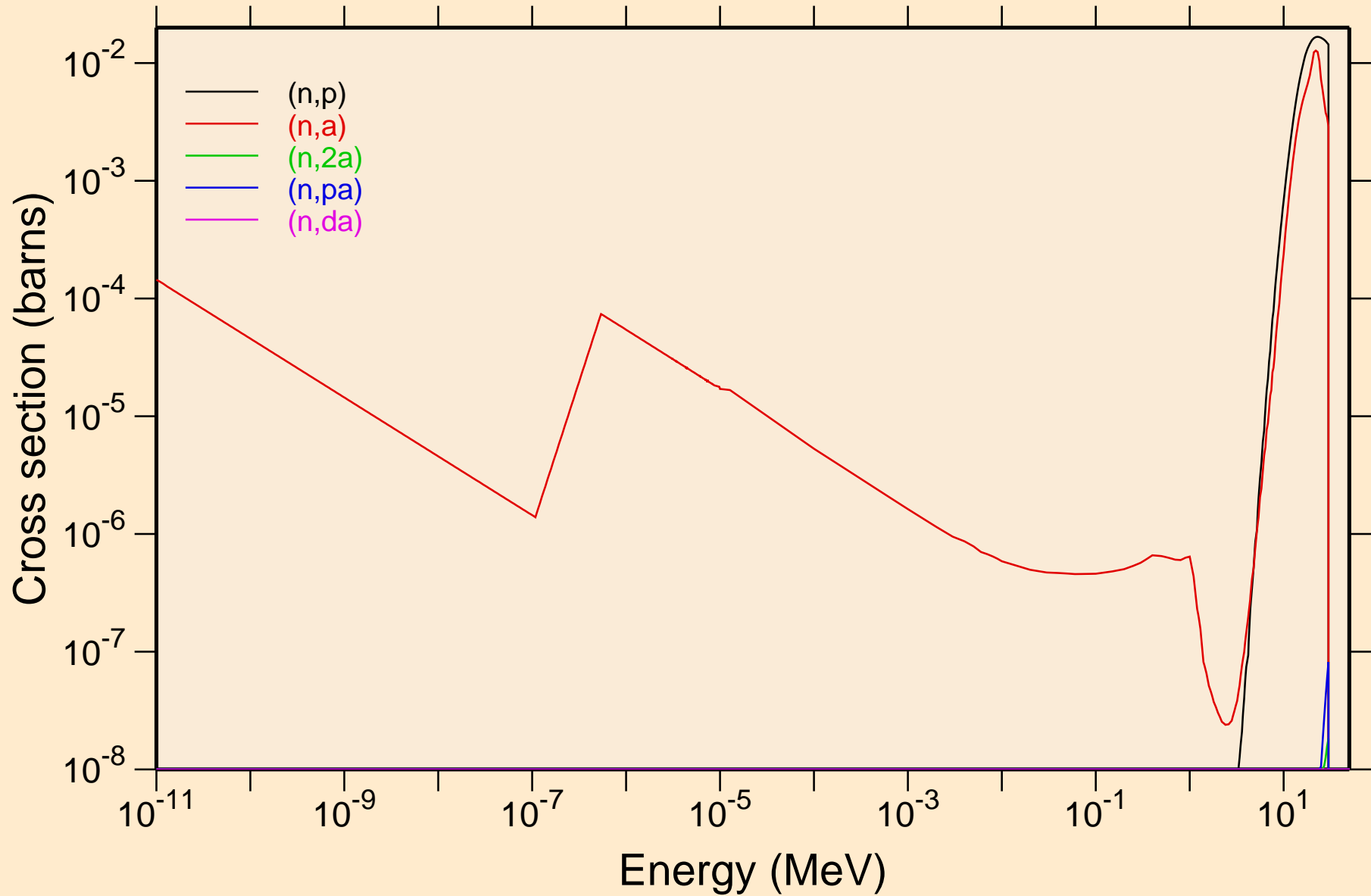
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Damage



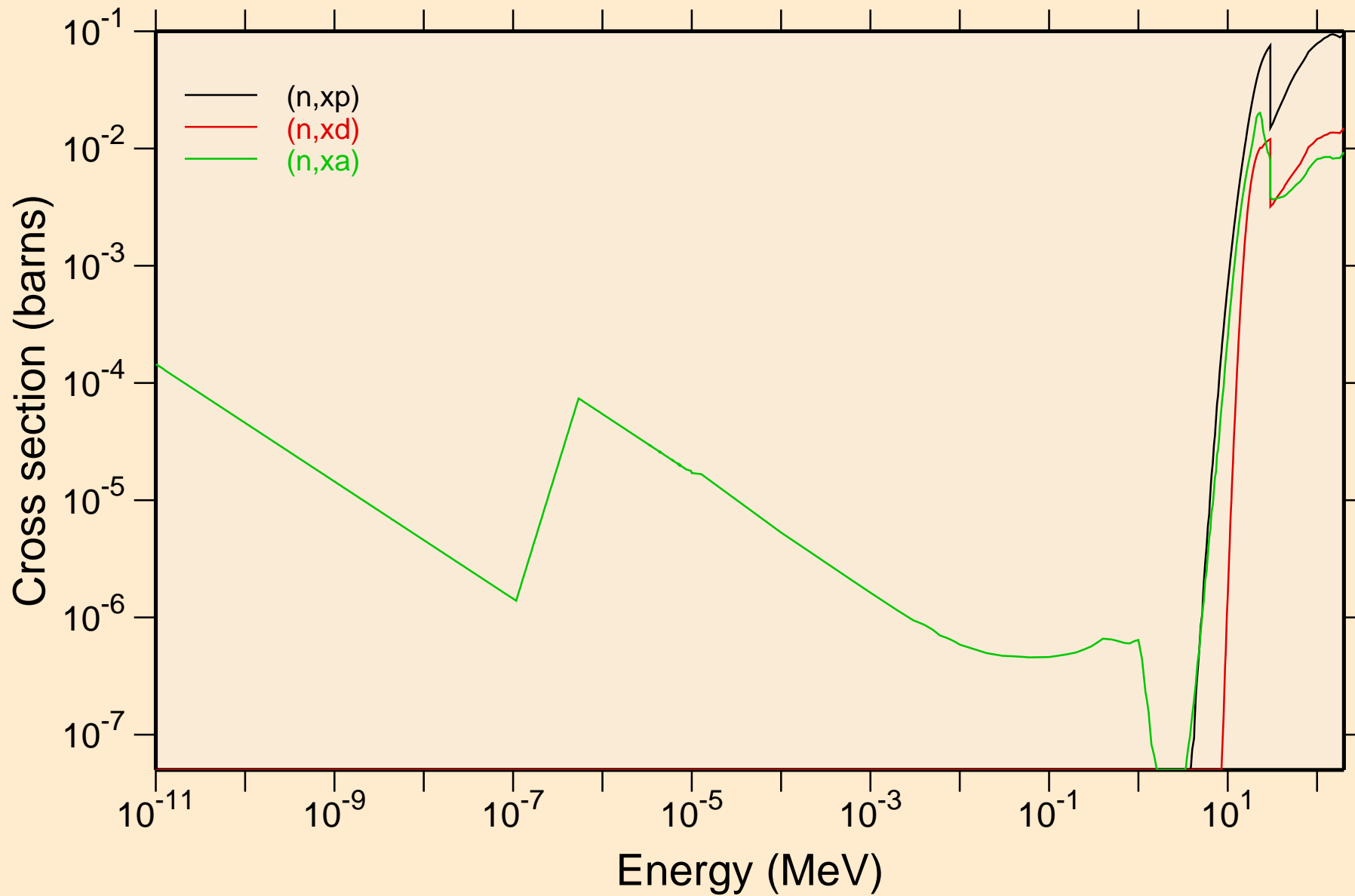
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

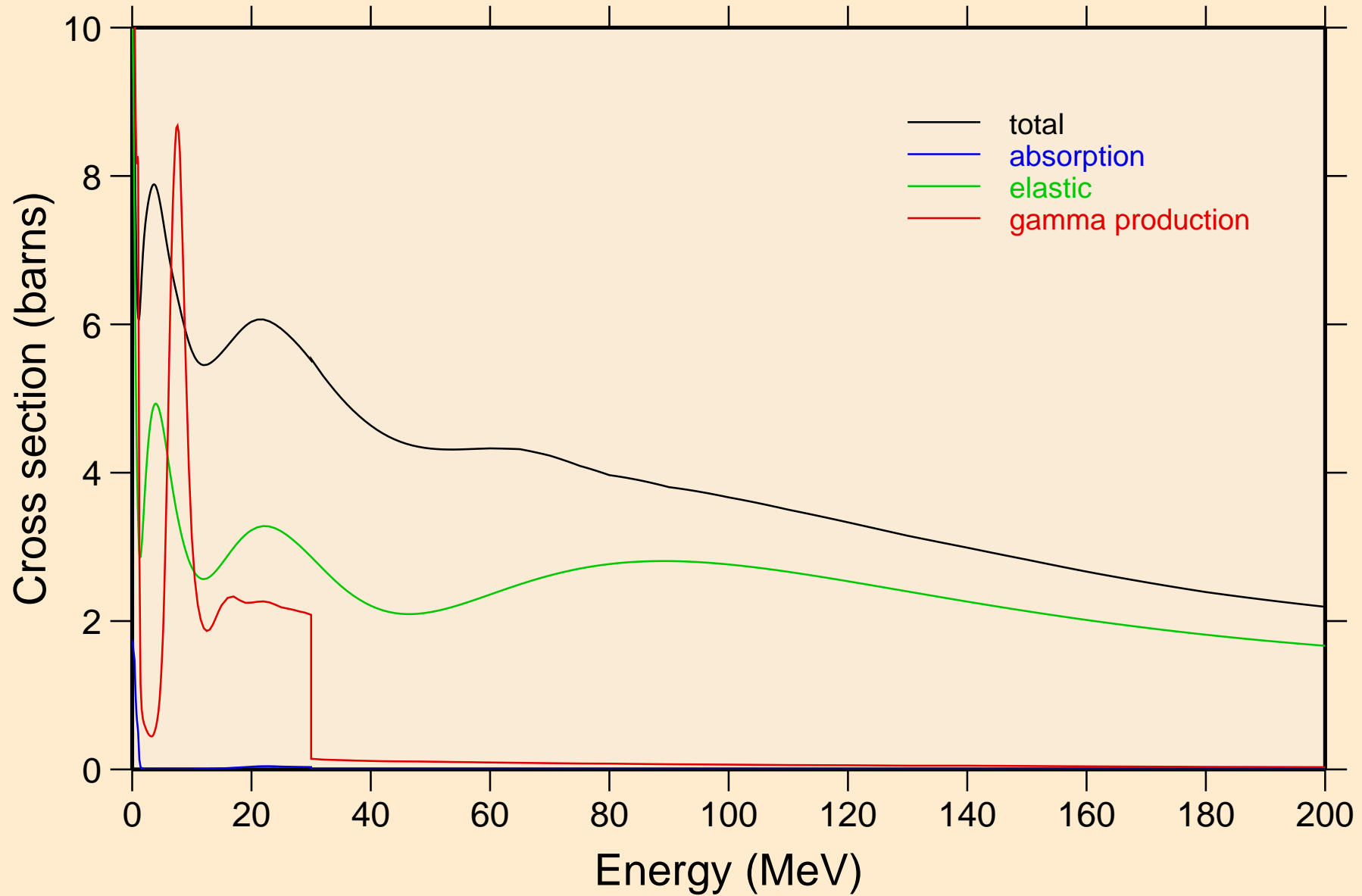


PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

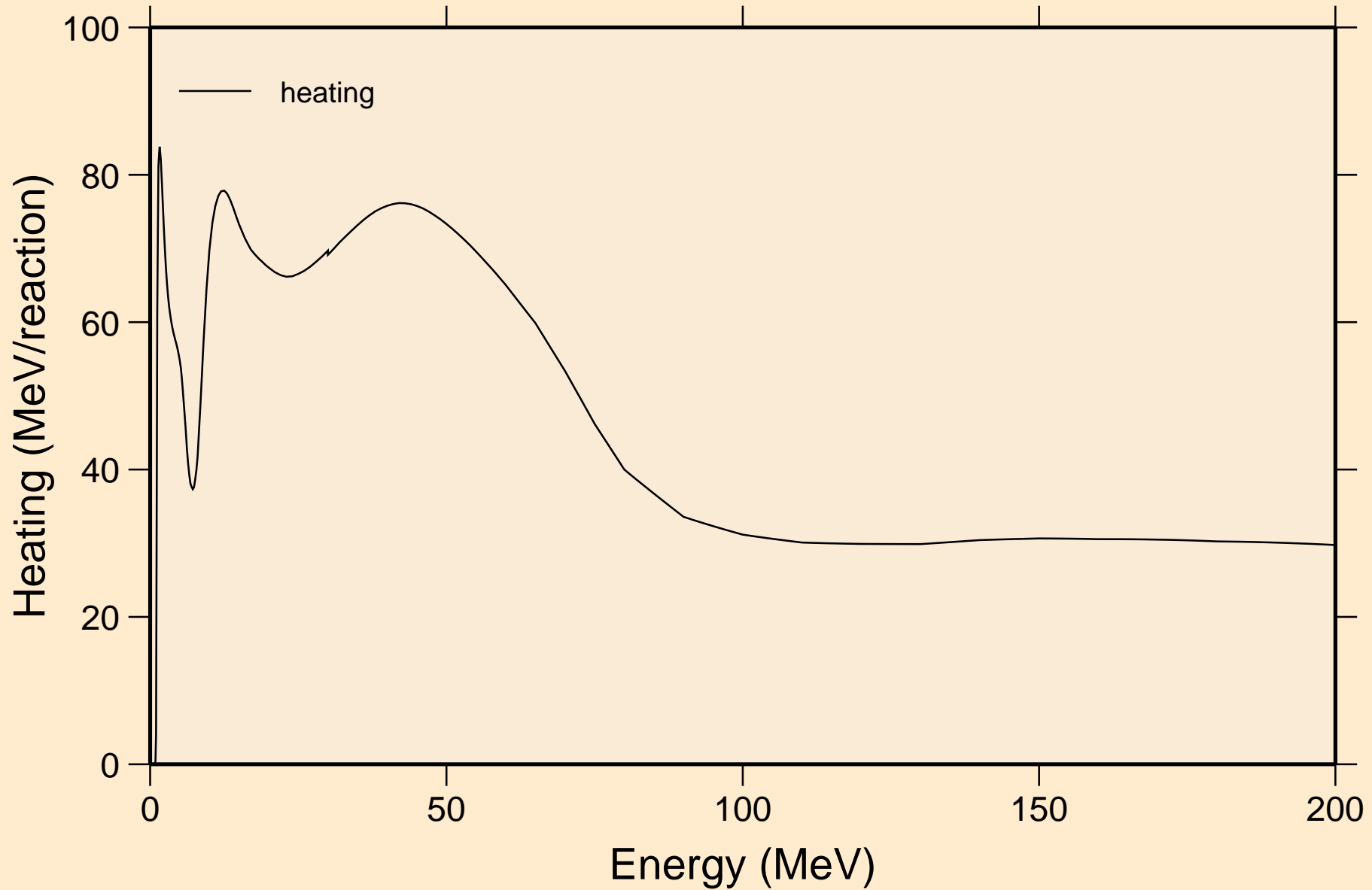


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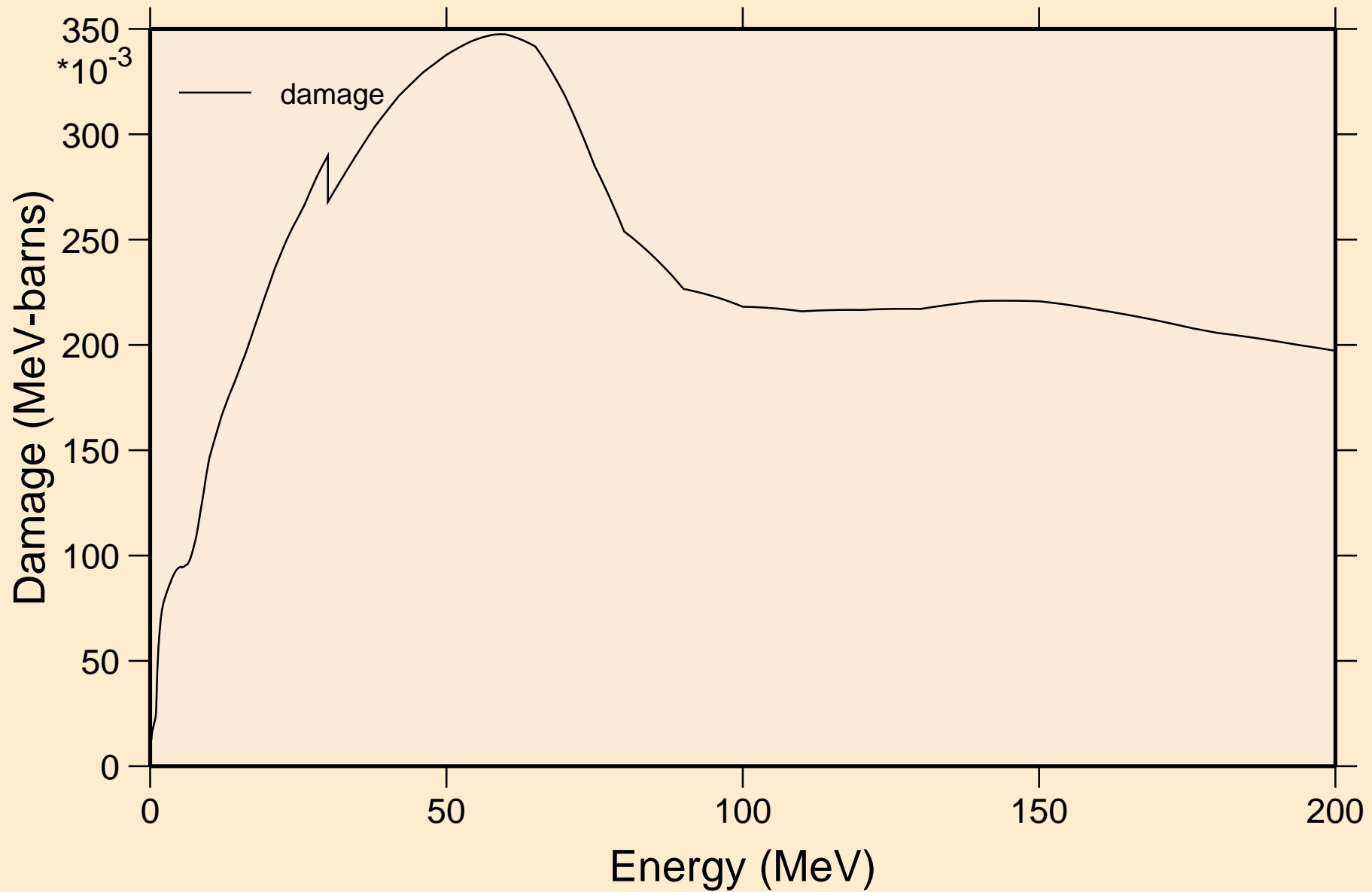
Principal cross sections



PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating

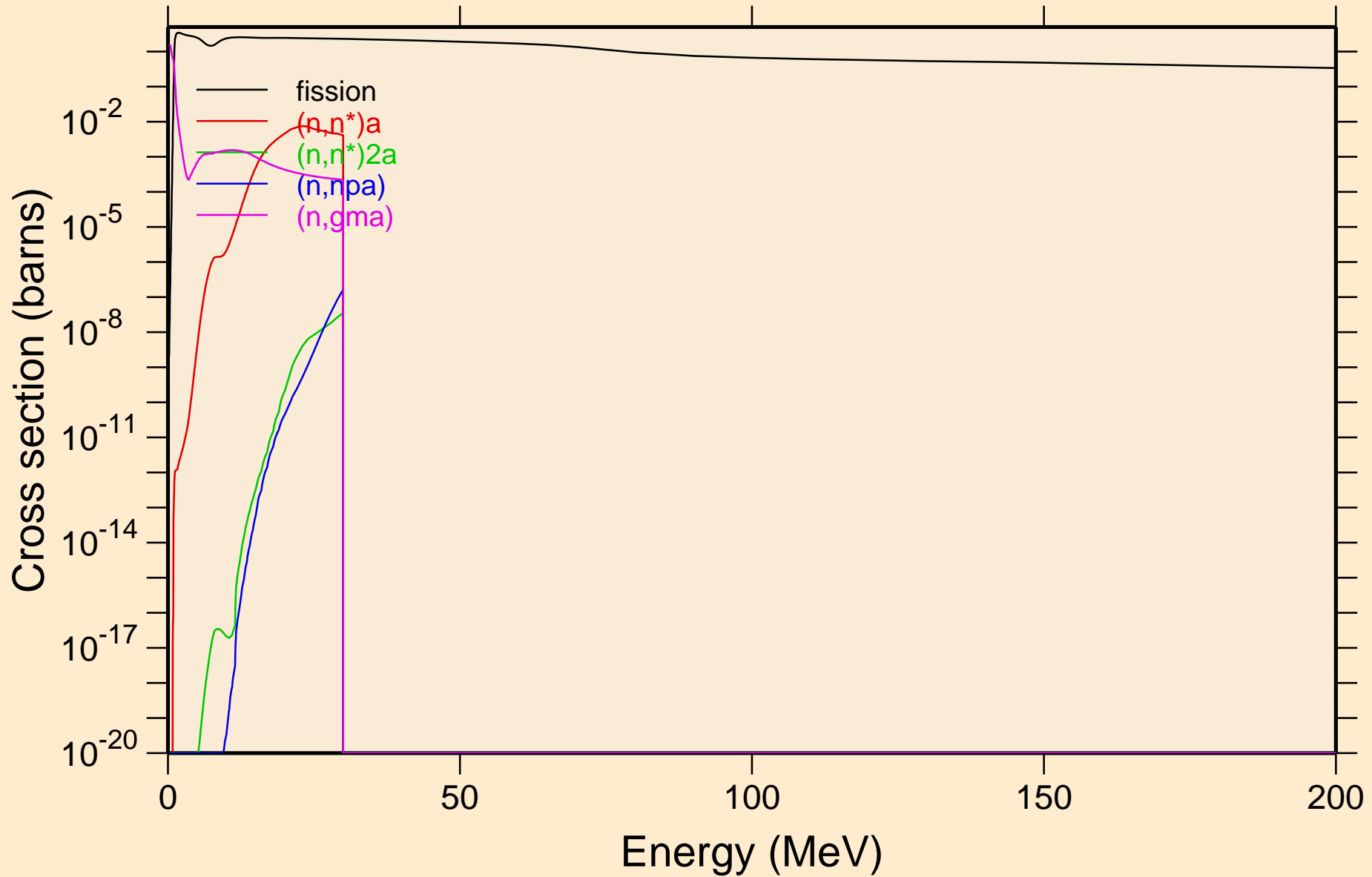


PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage

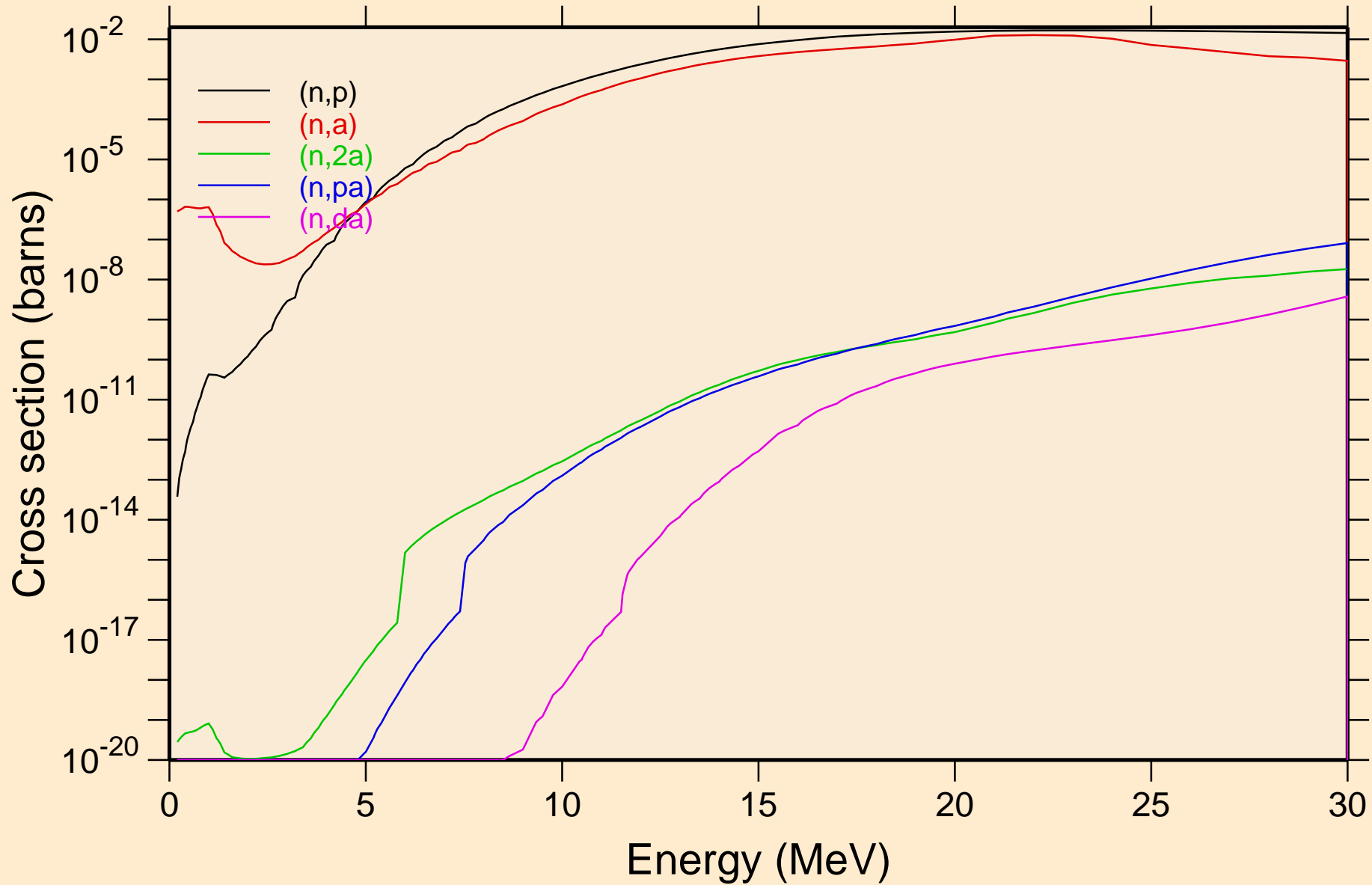


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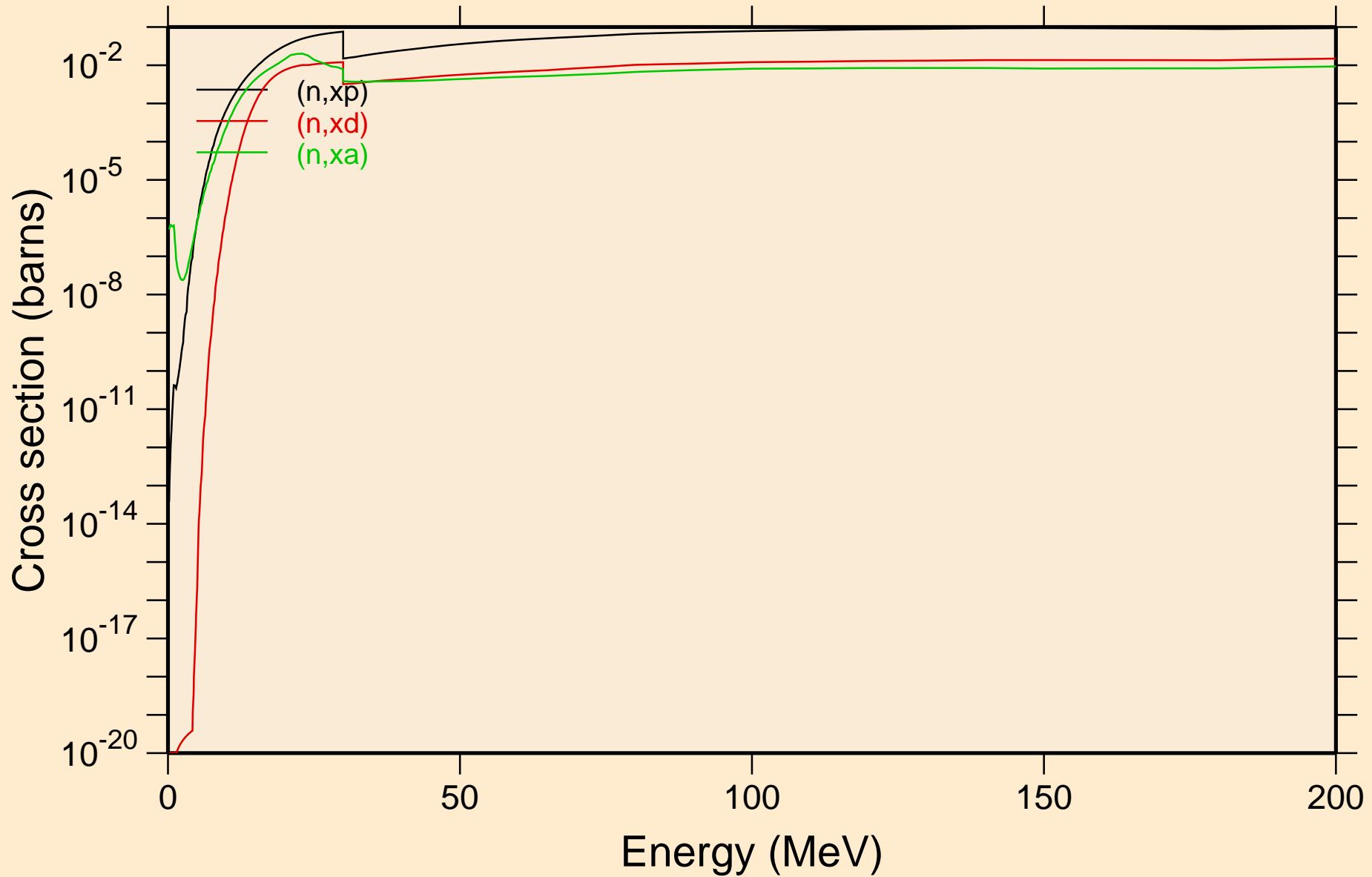
Non-threshold reactions



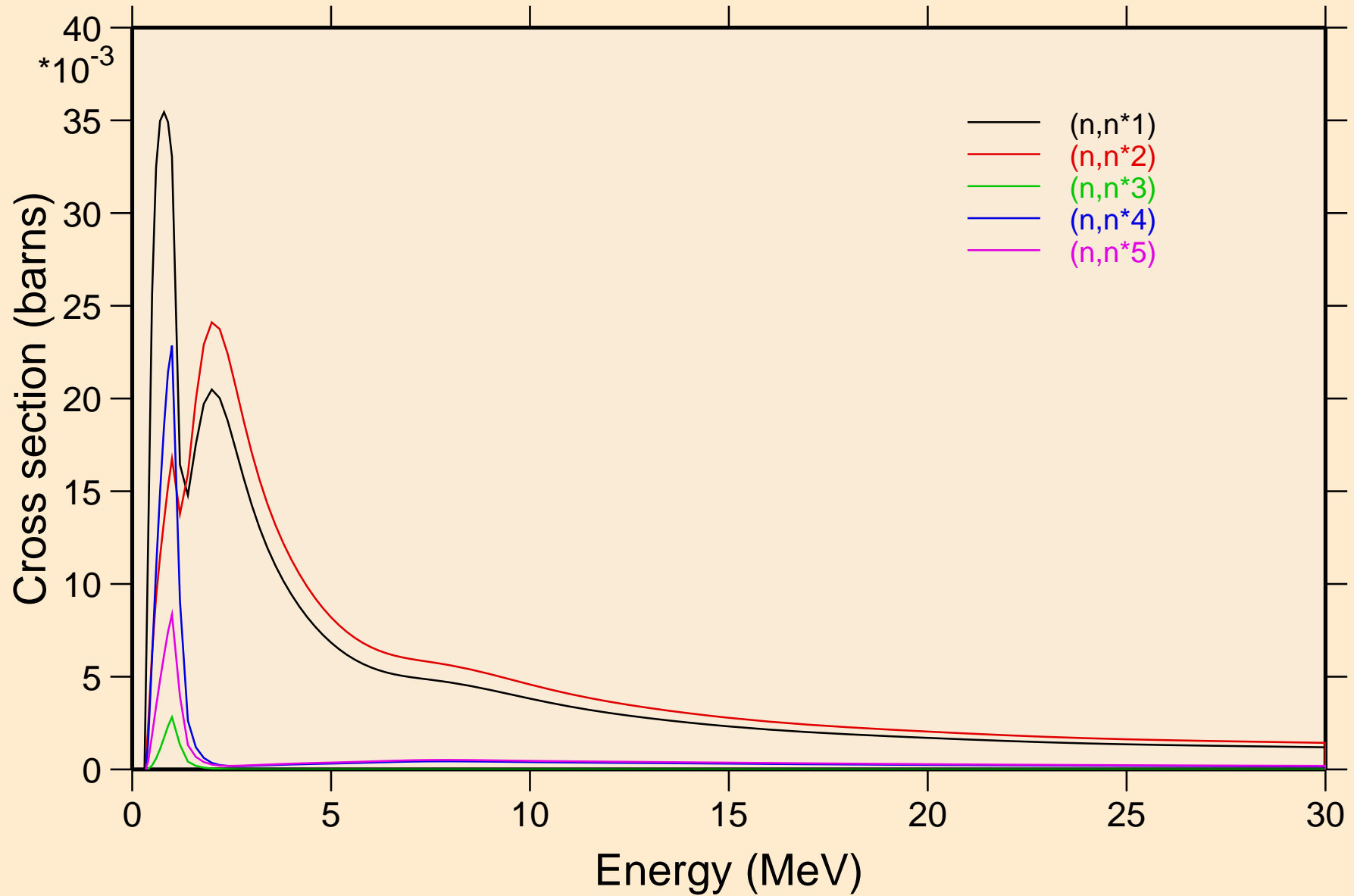
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



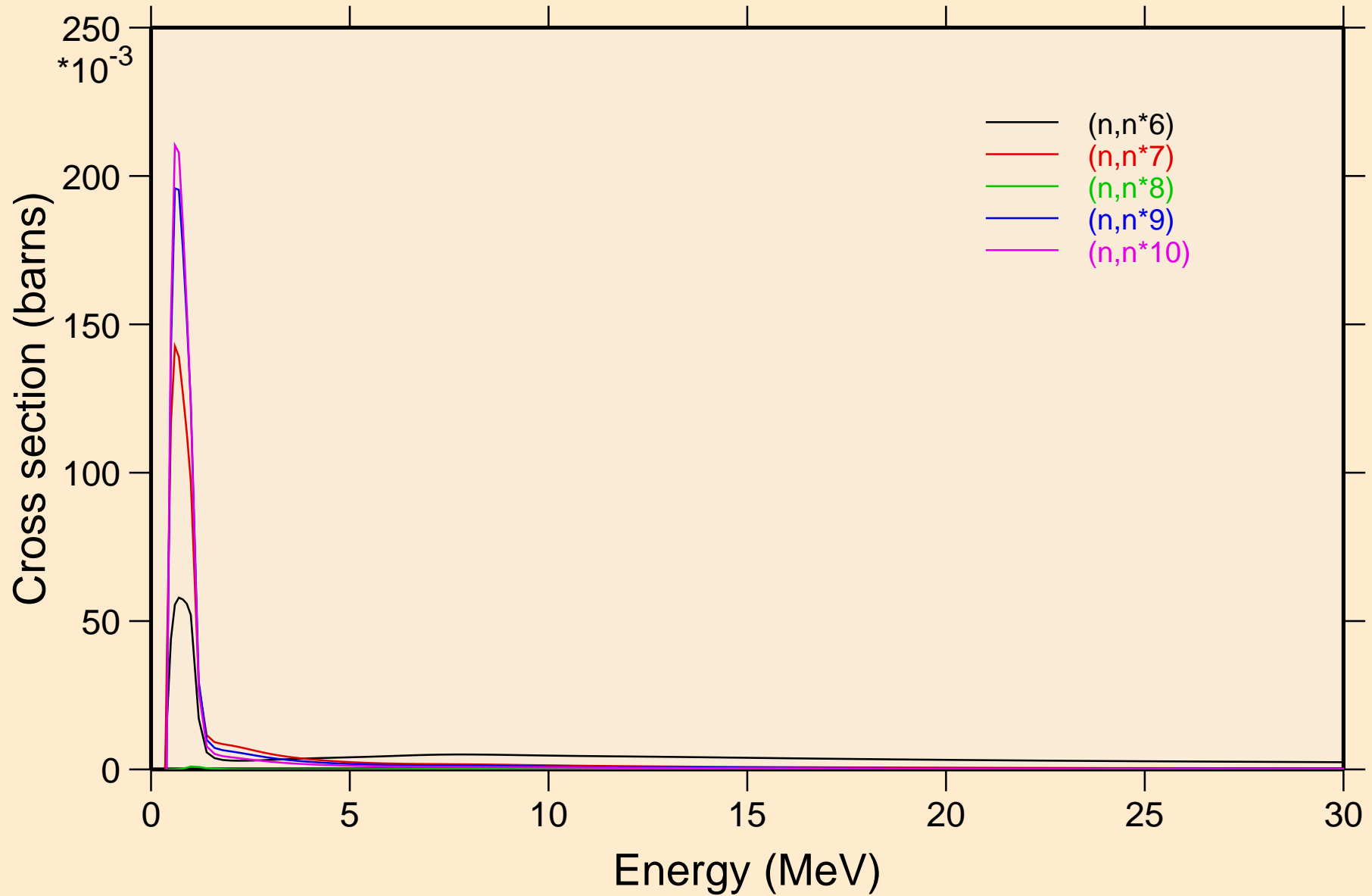
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Non-threshold reactions



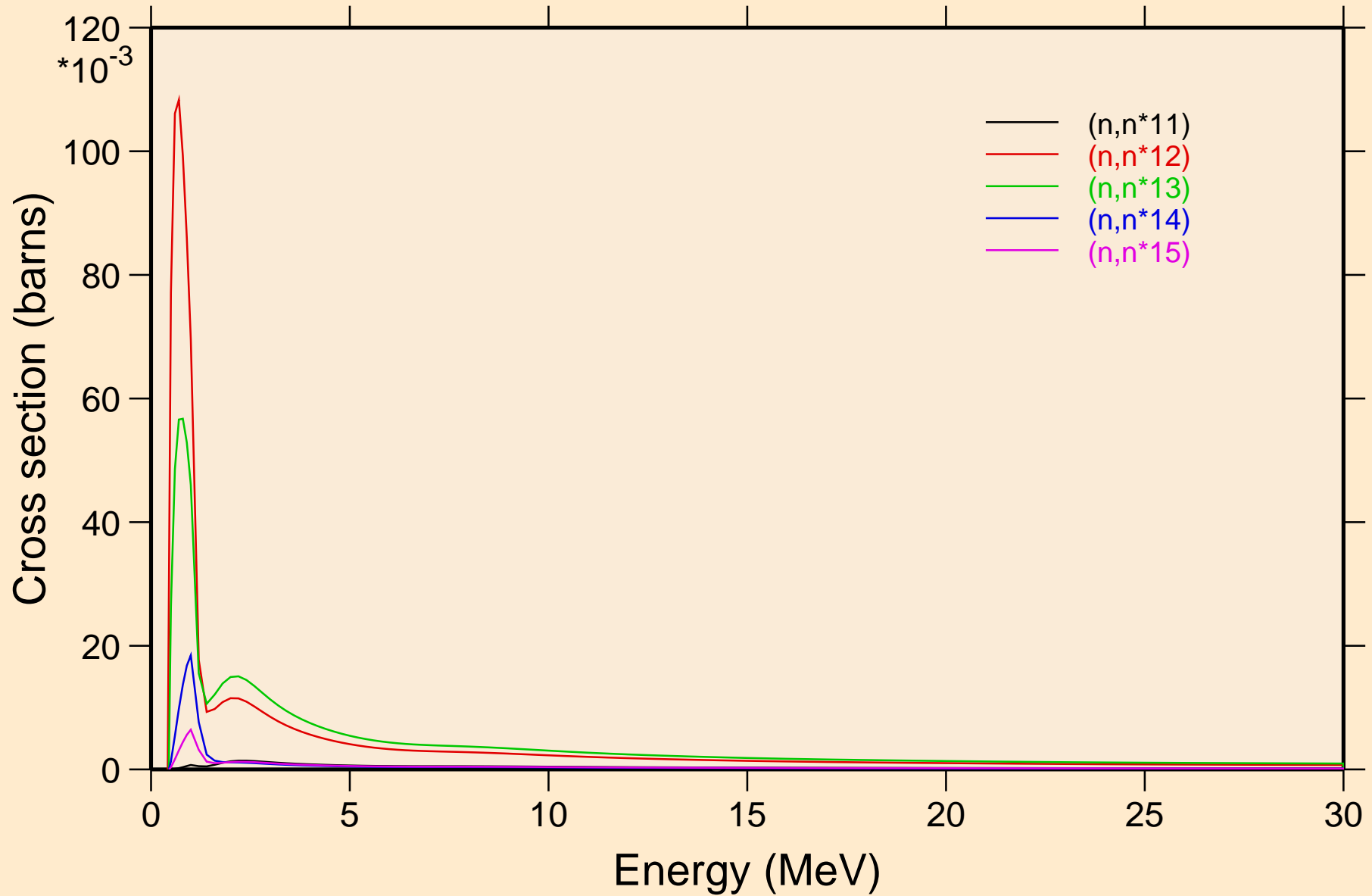
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



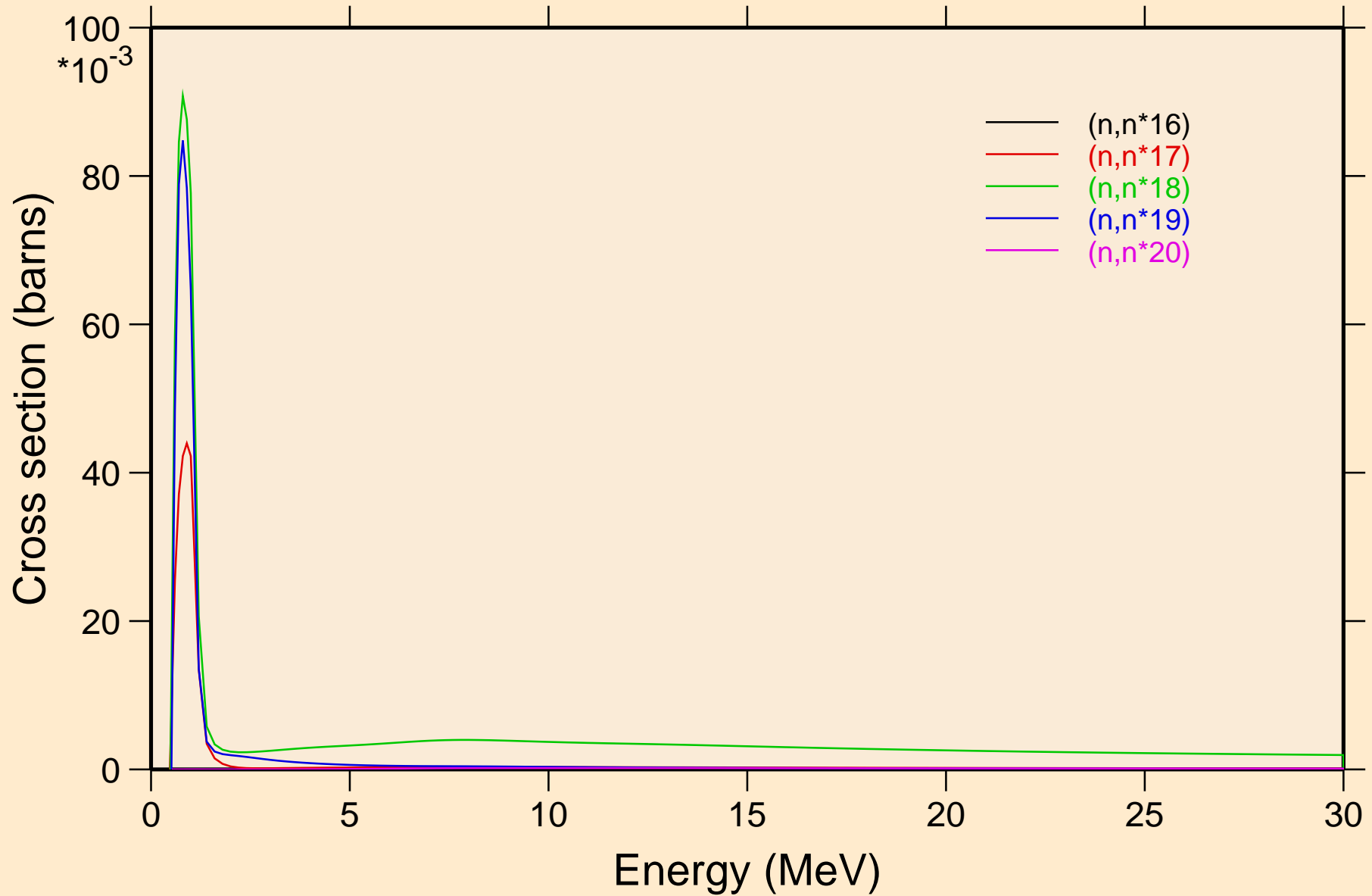
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



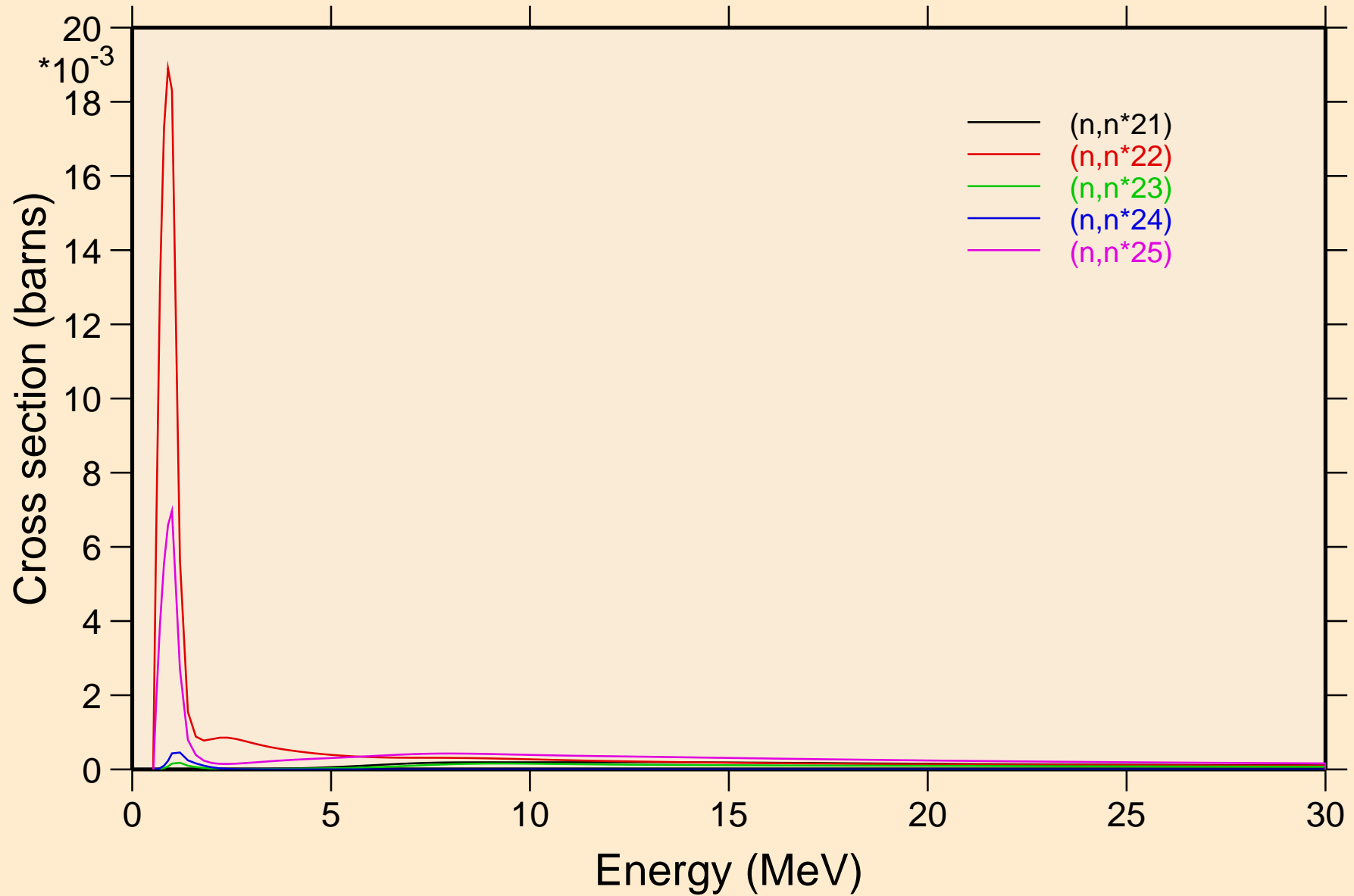
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



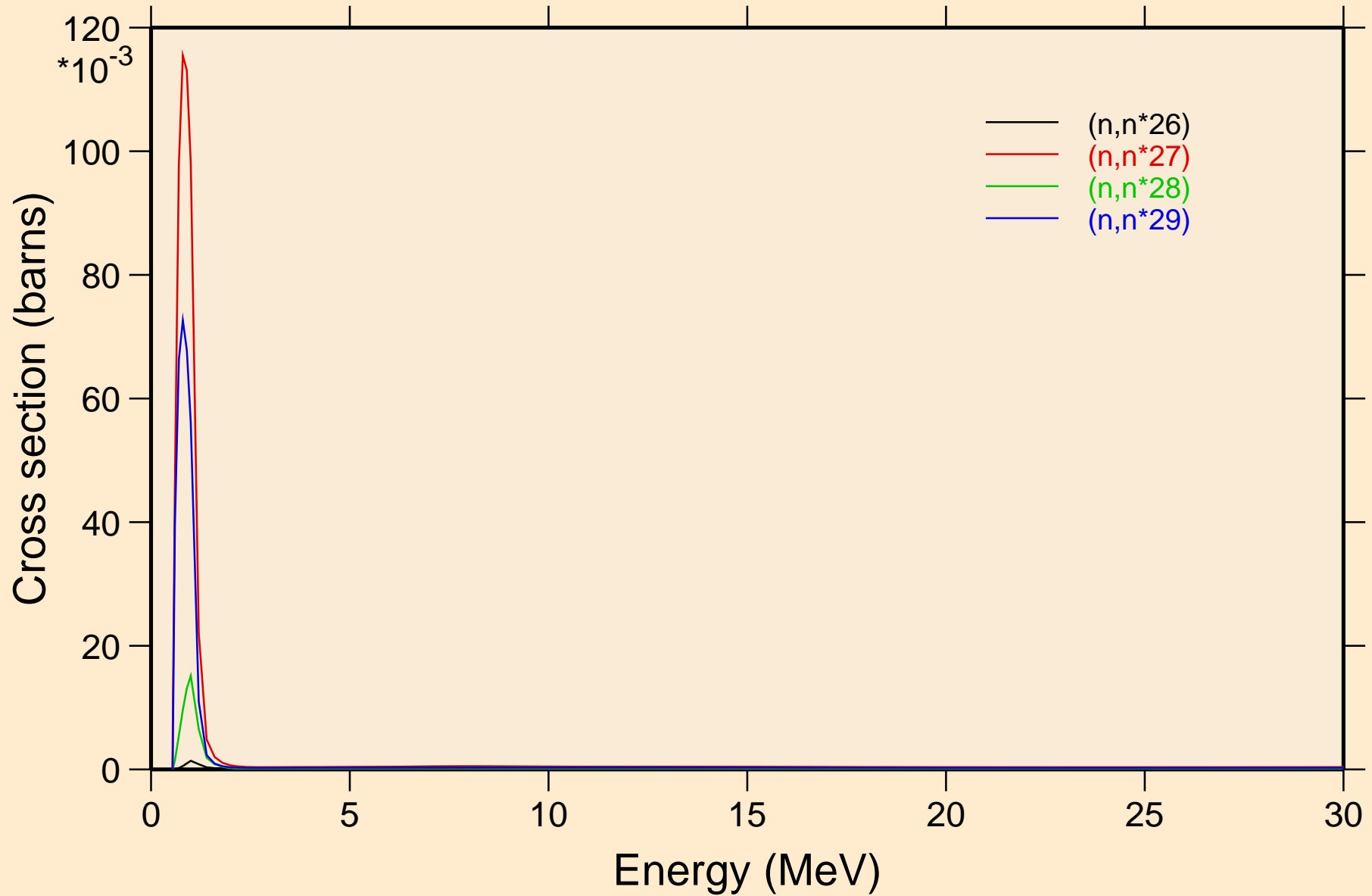
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

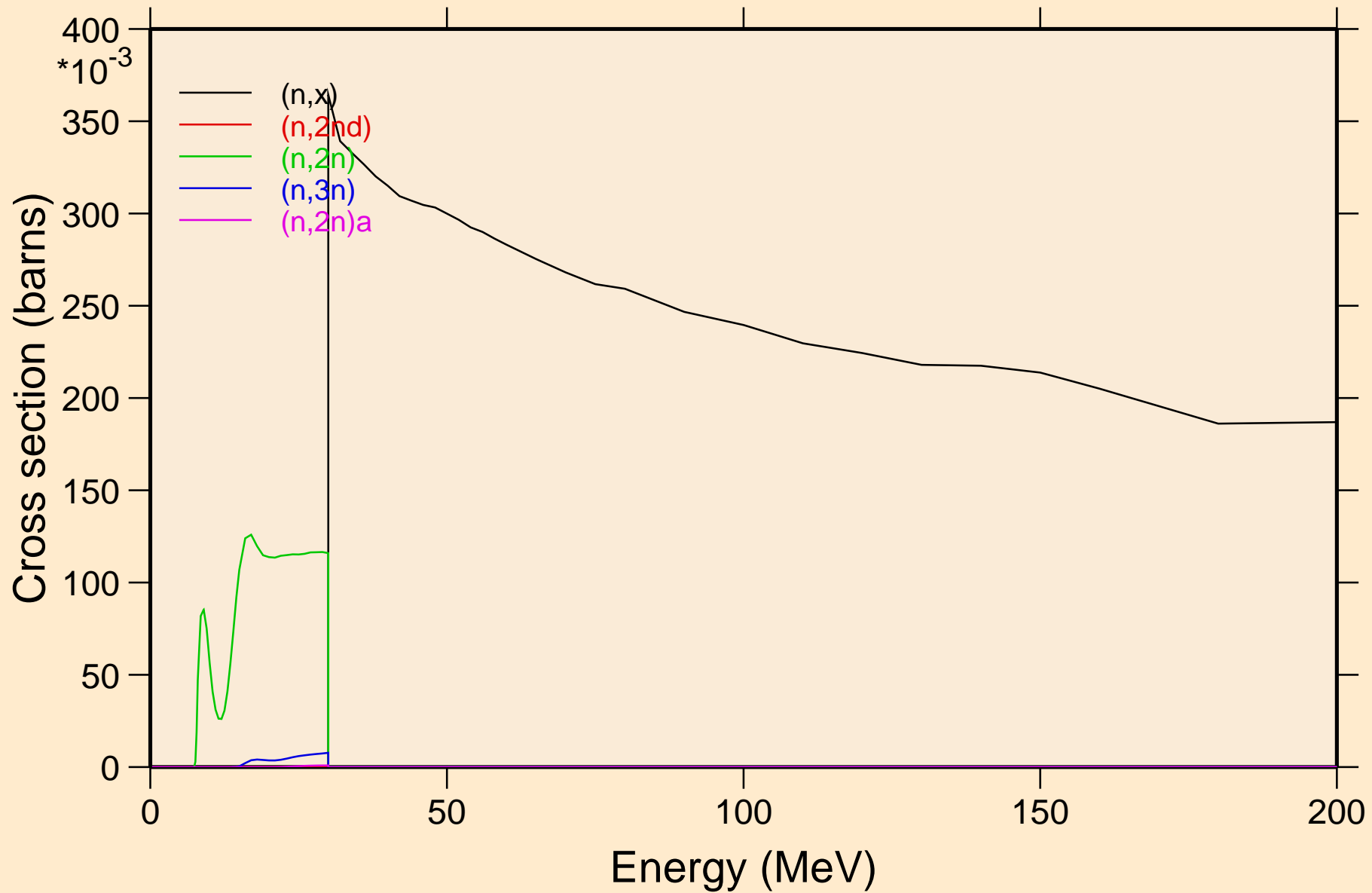


PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

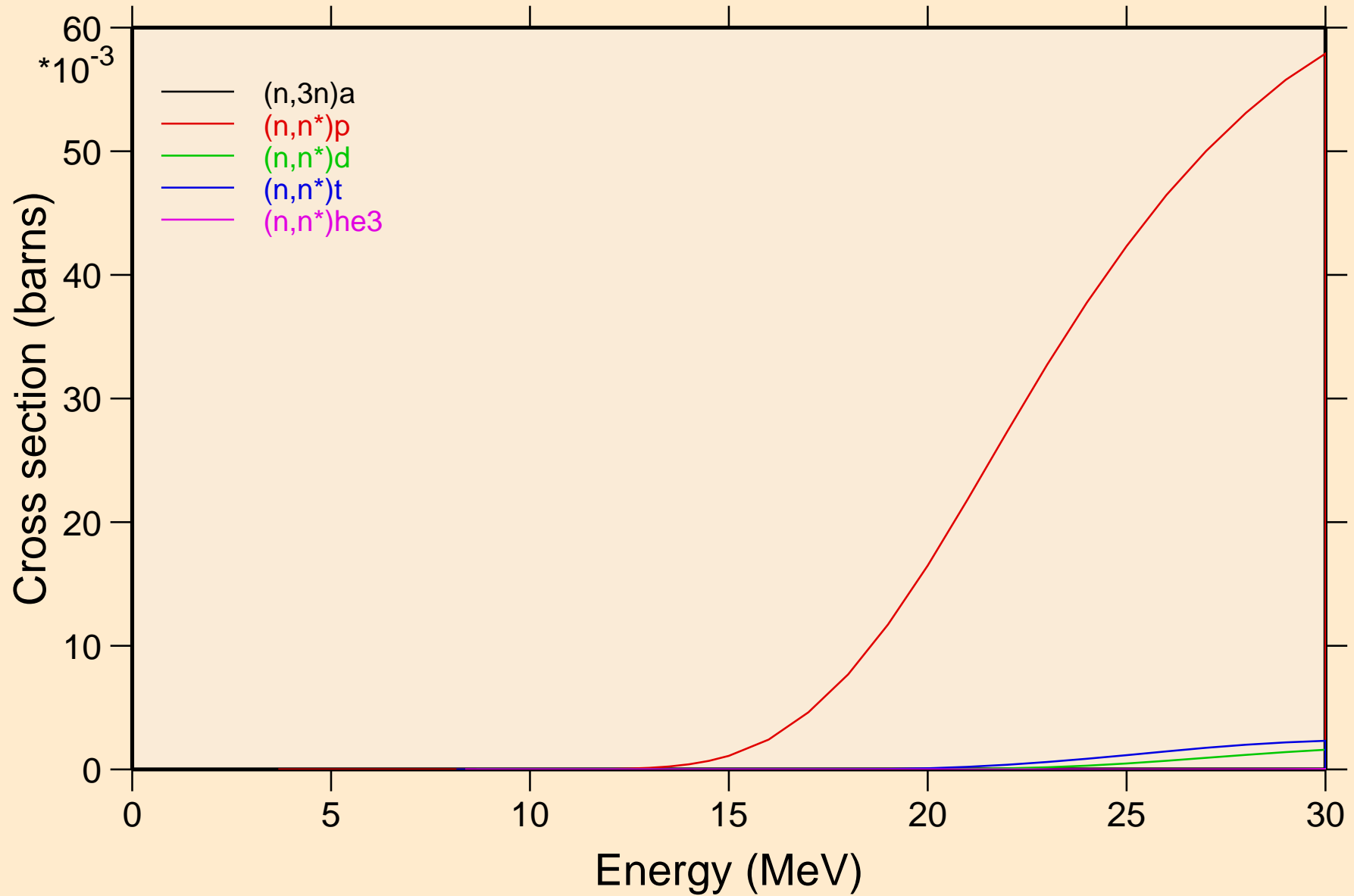


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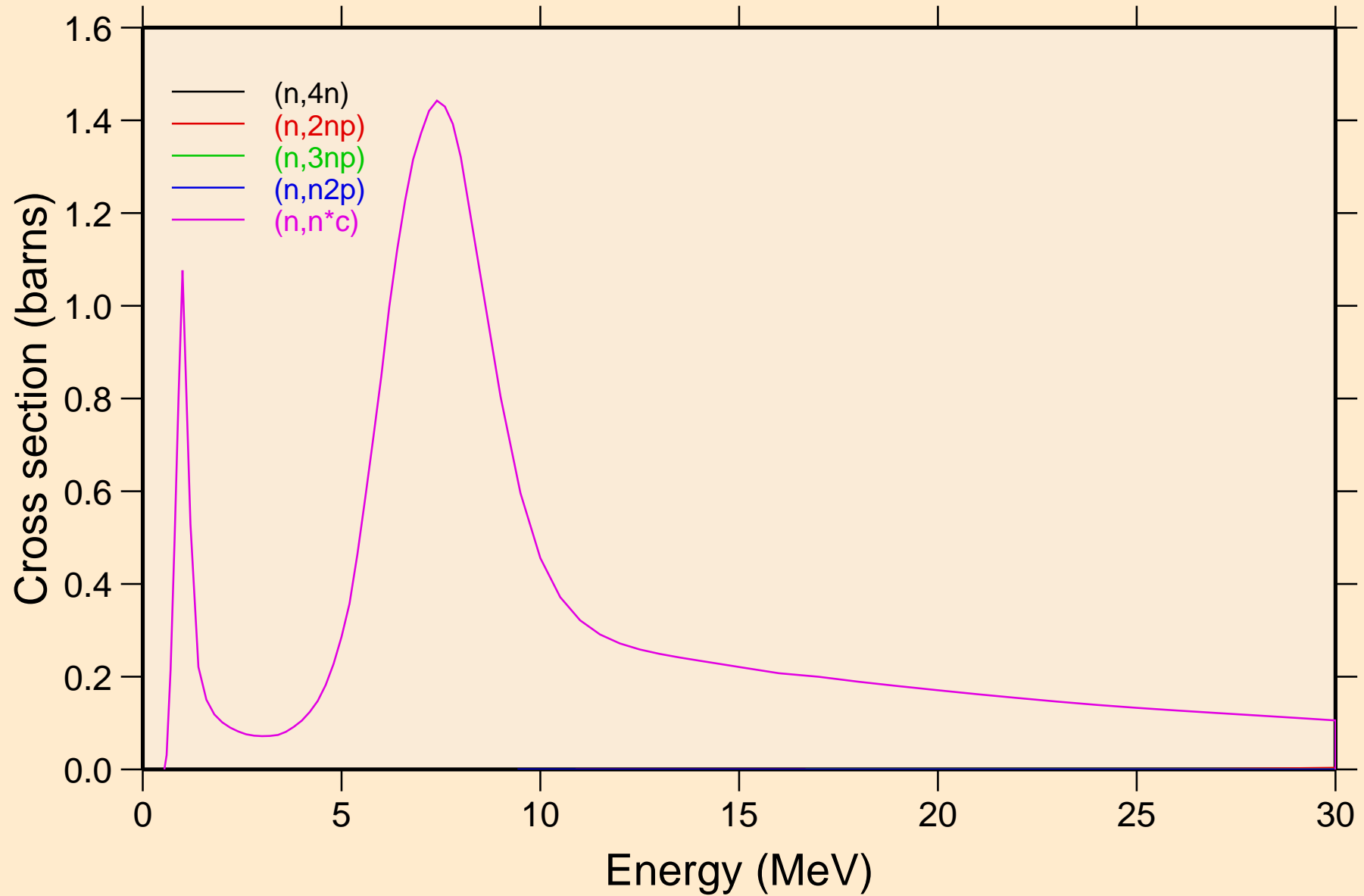
Threshold reactions



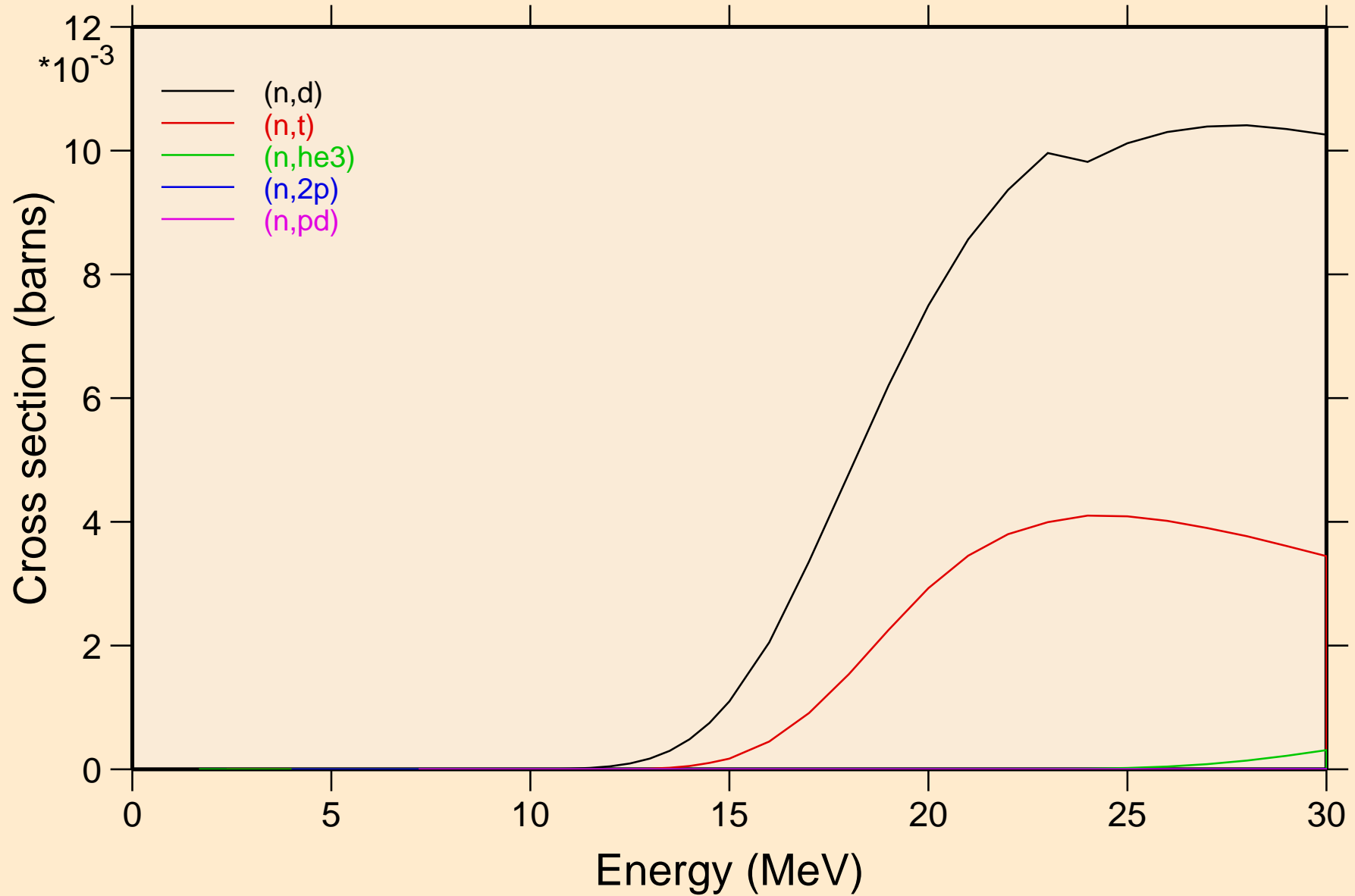
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

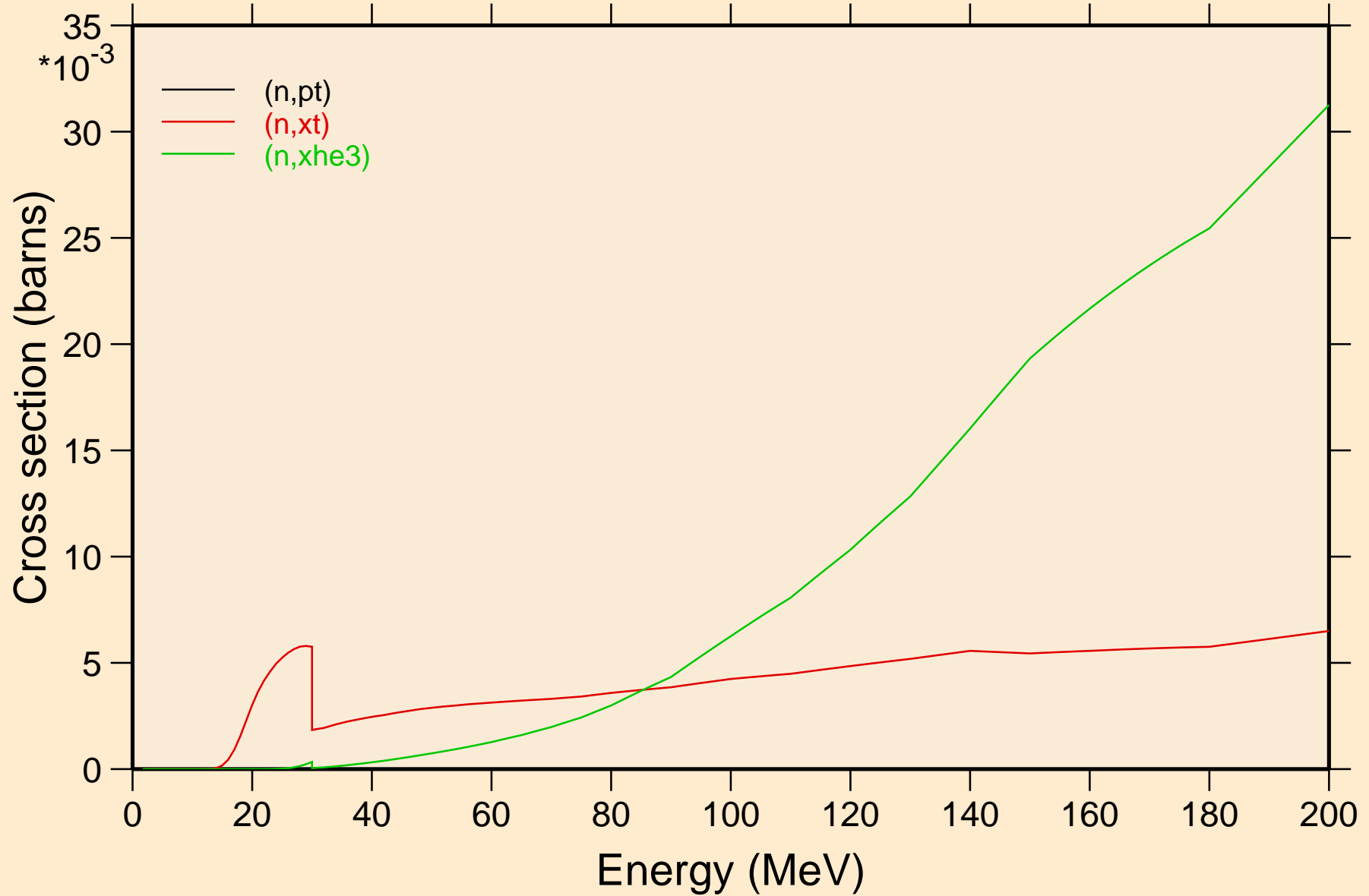


PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

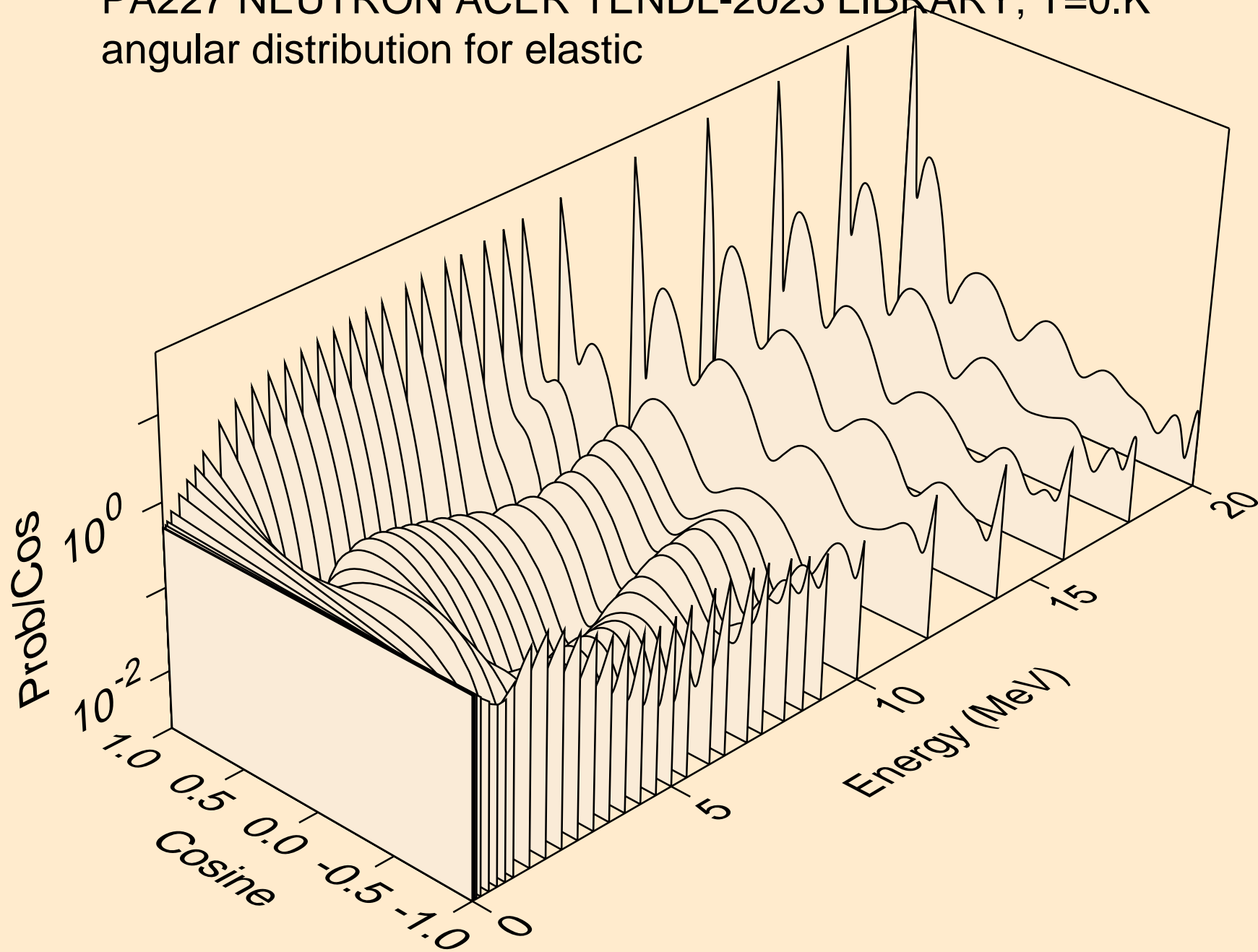


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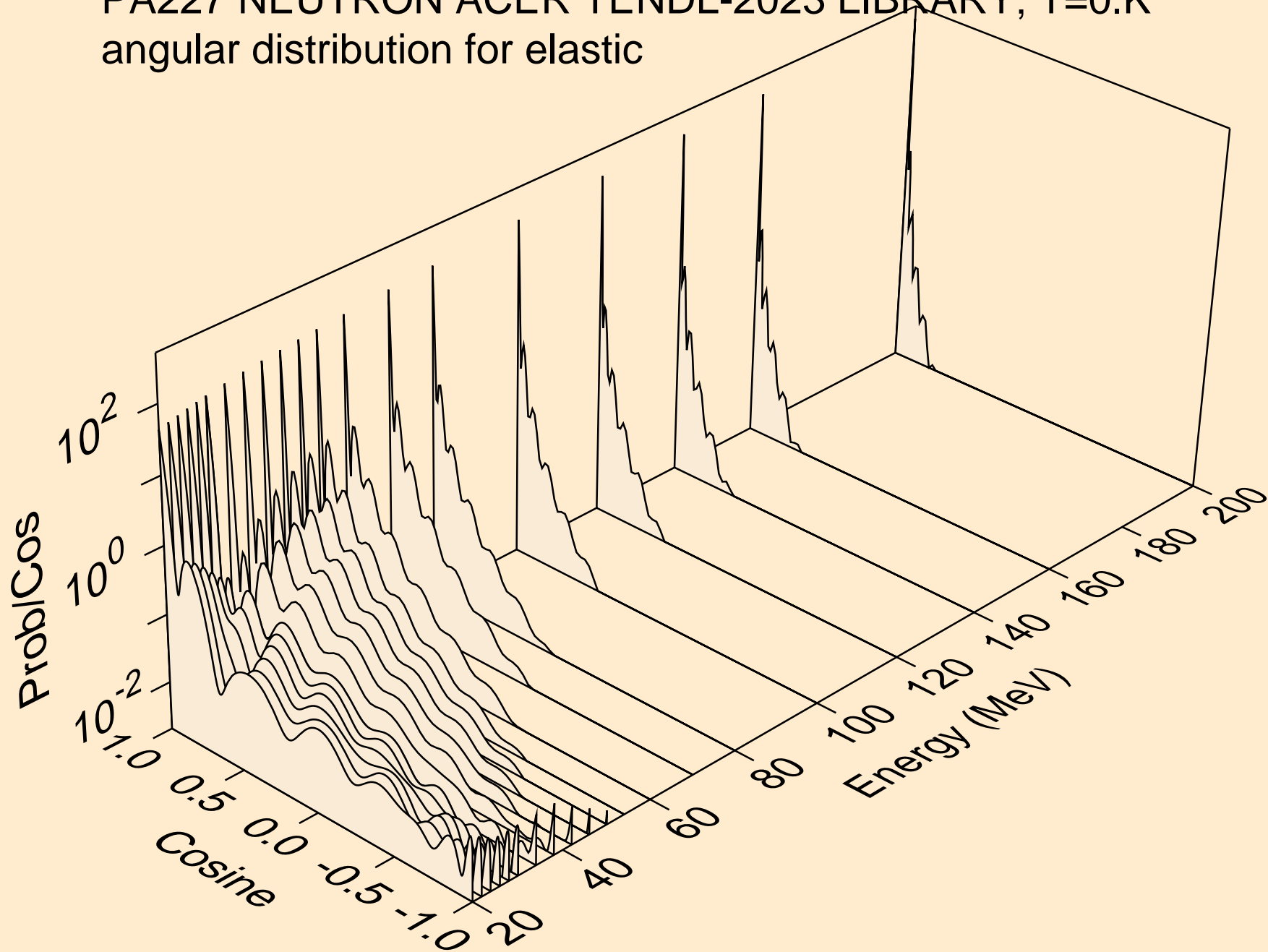
Threshold reactions



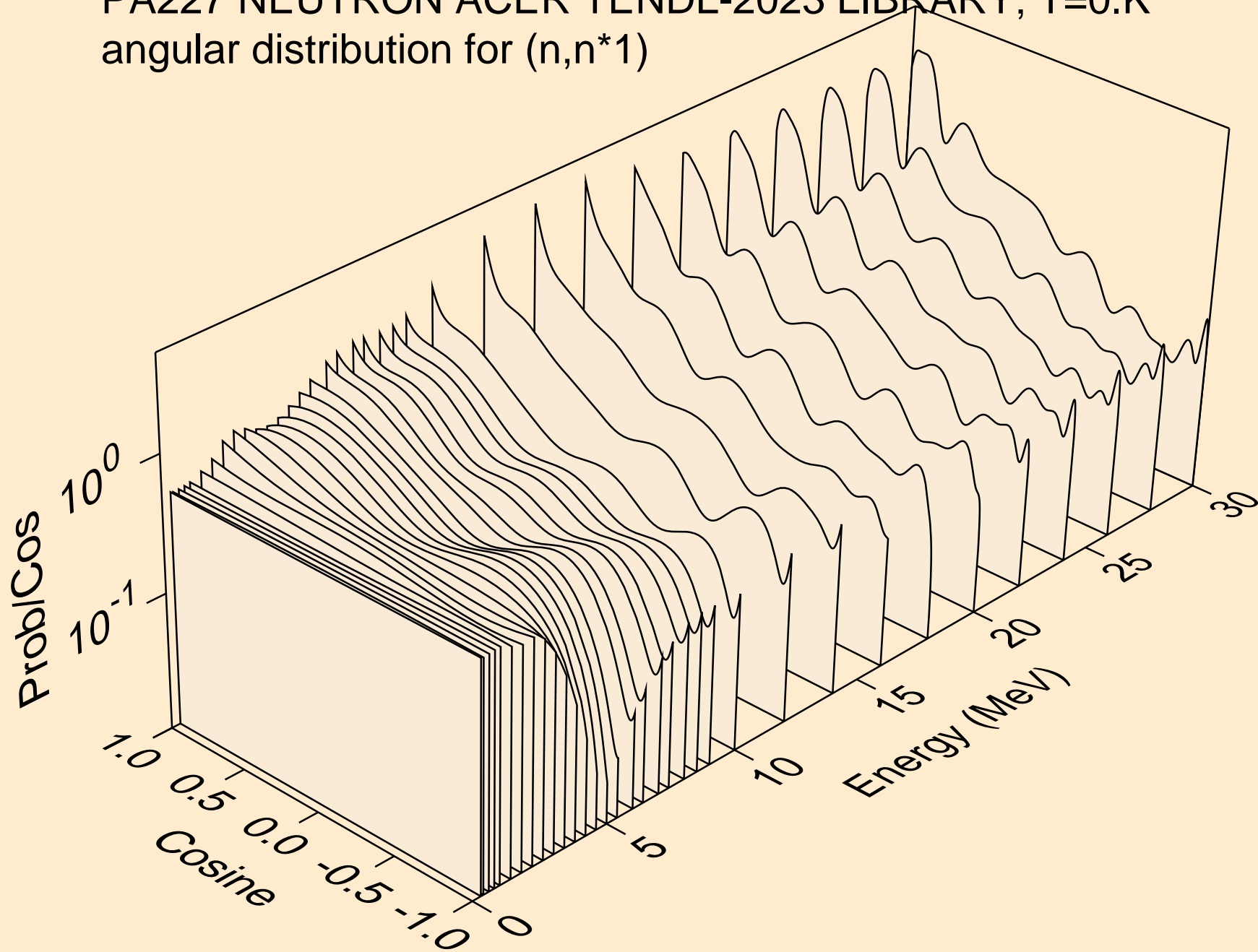
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



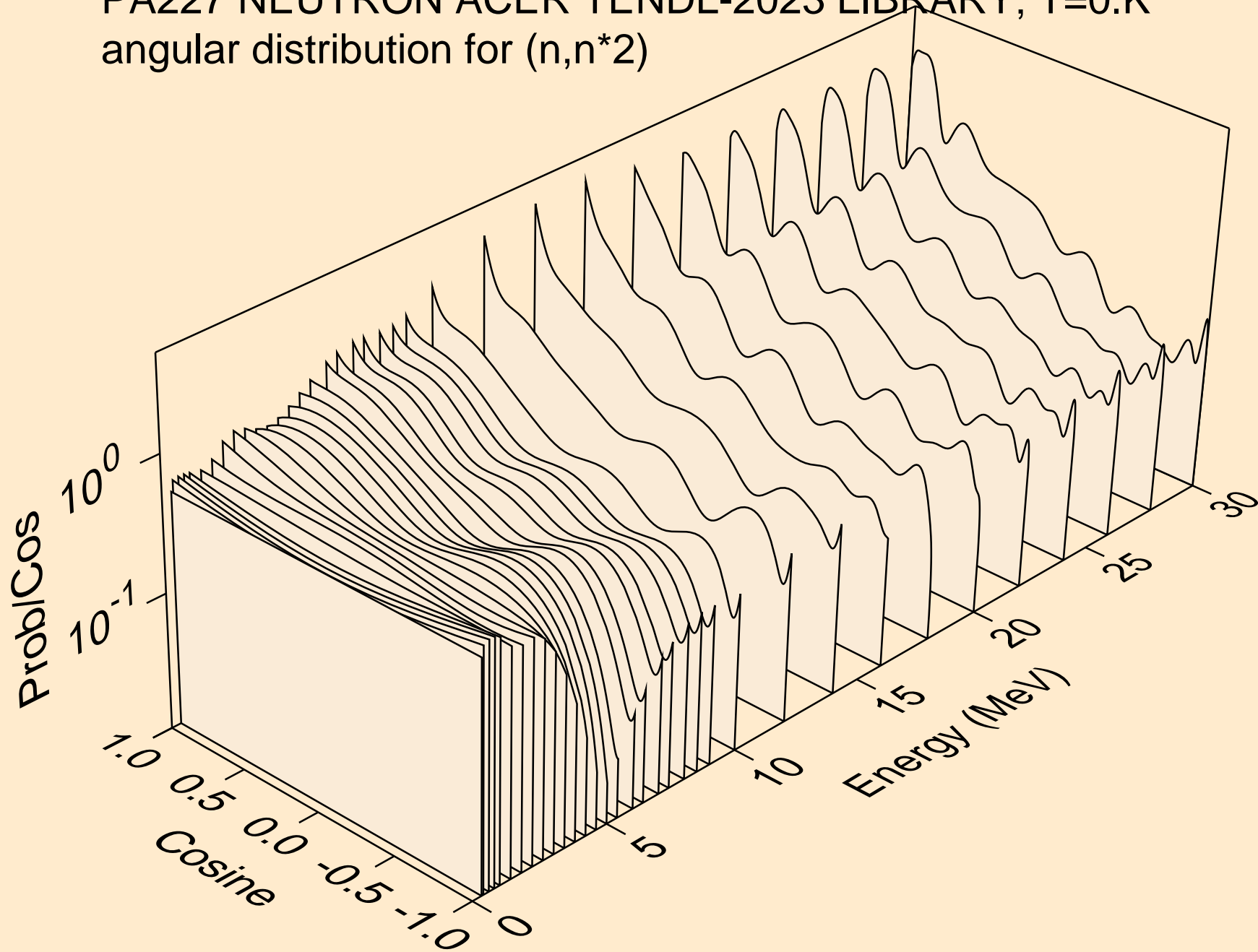
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angular distribution for elastic



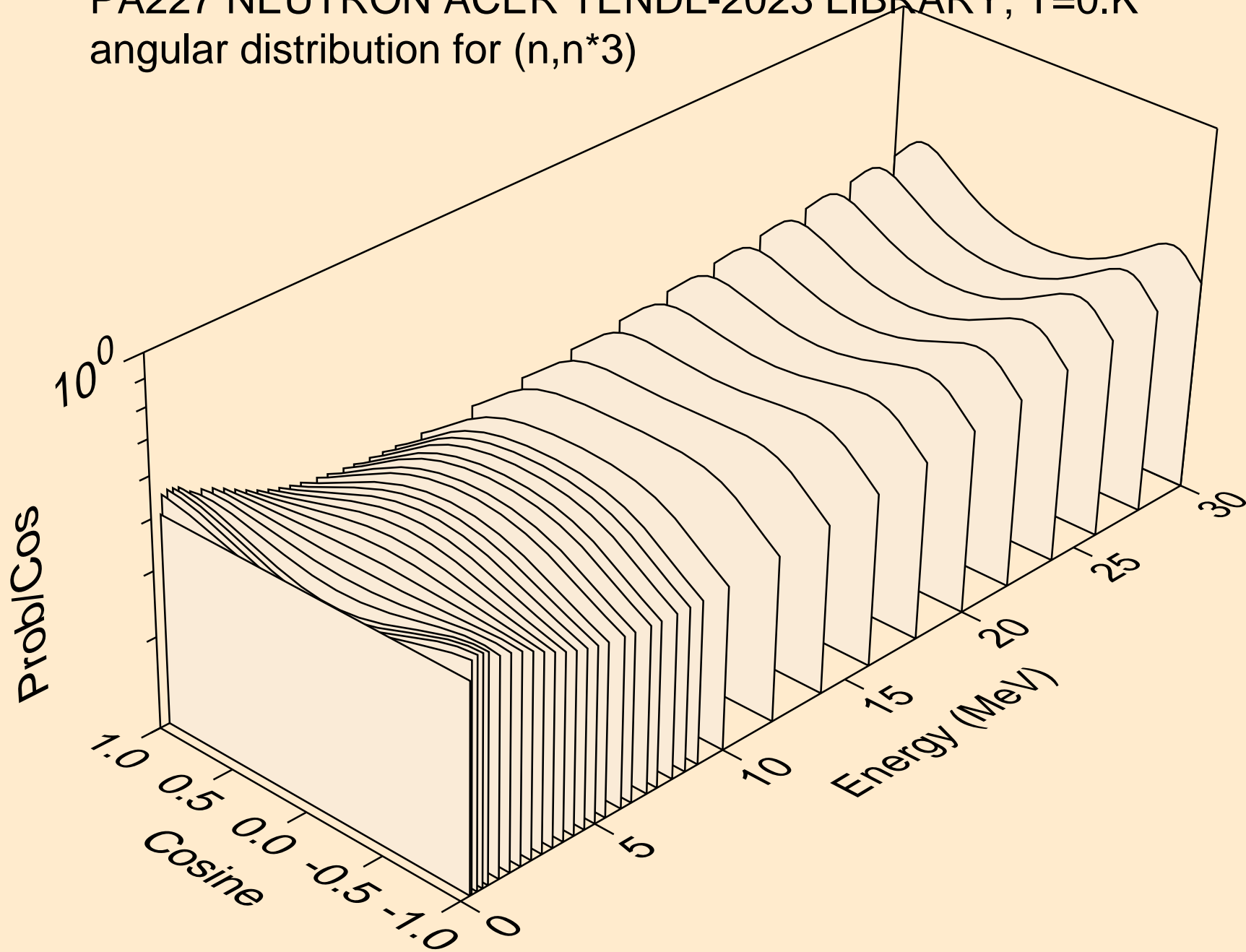
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



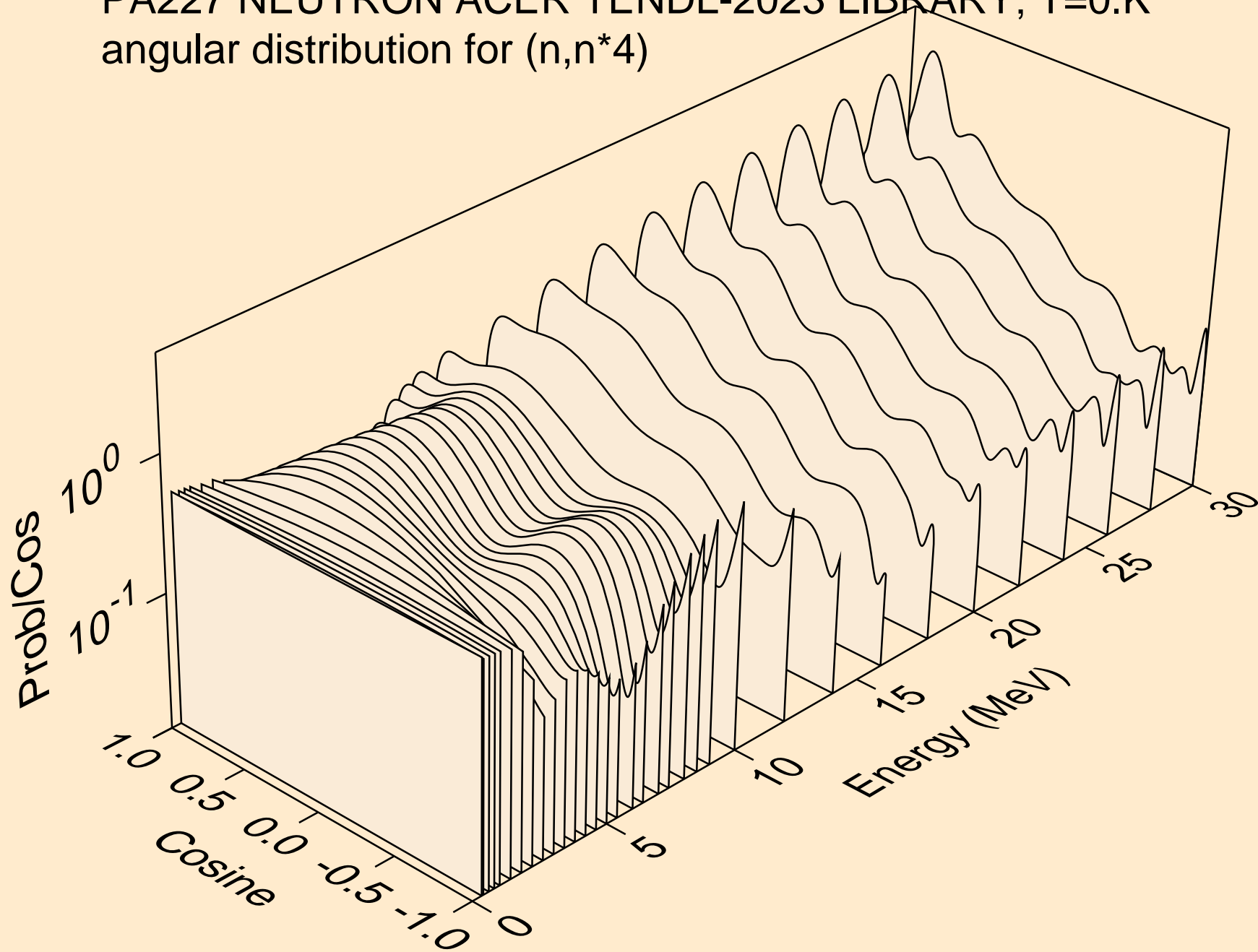
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angular distribution for (n,n*2)



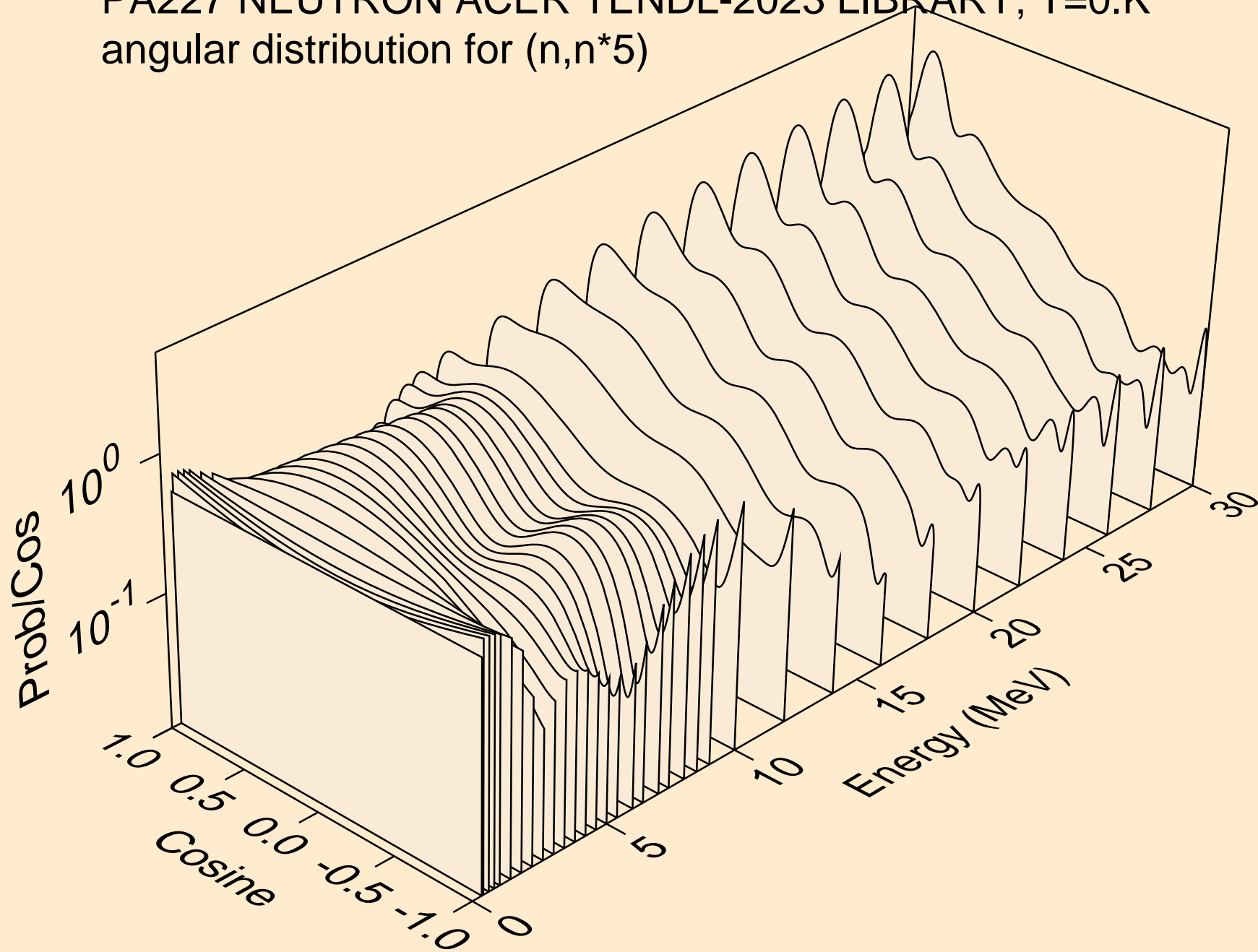
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



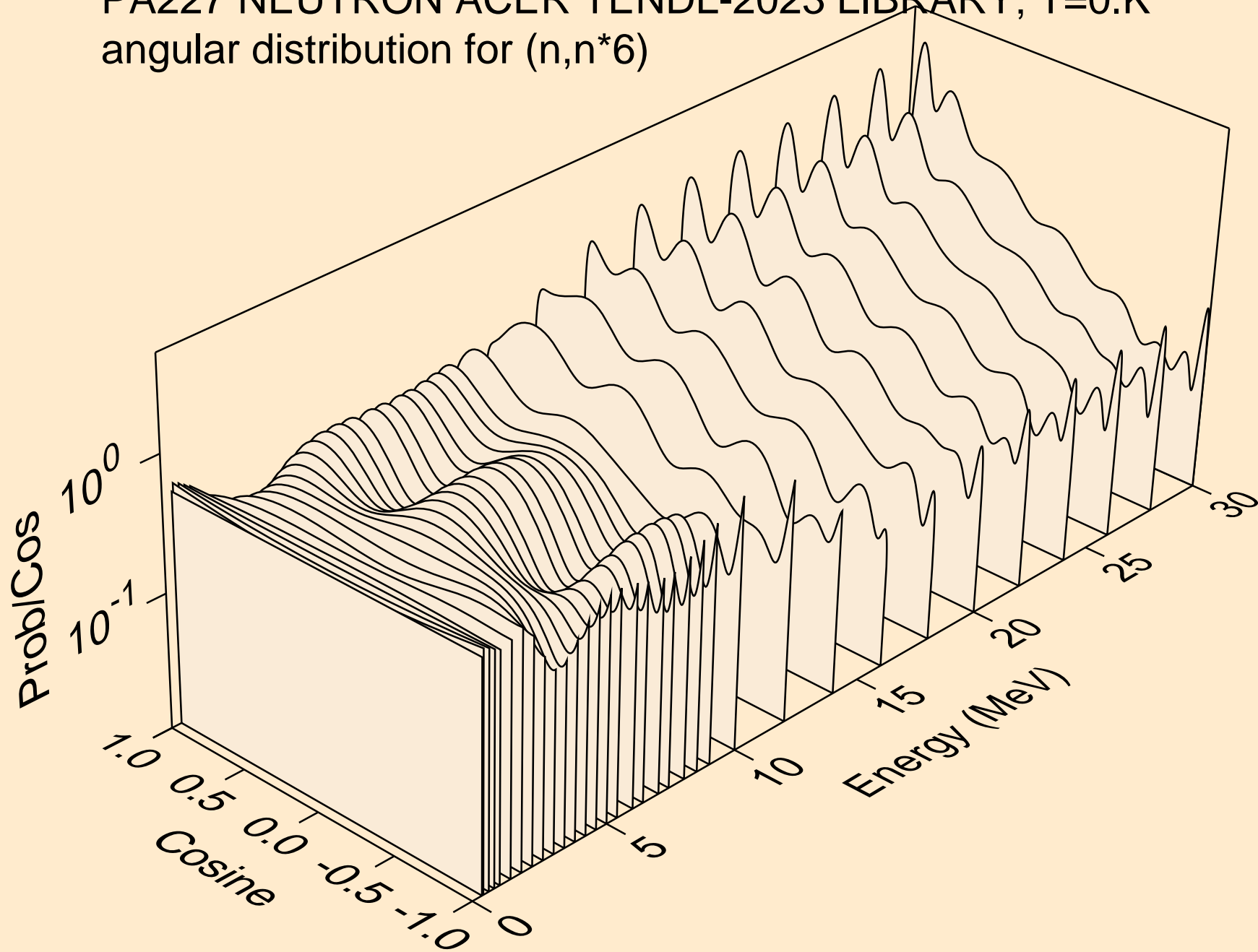
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



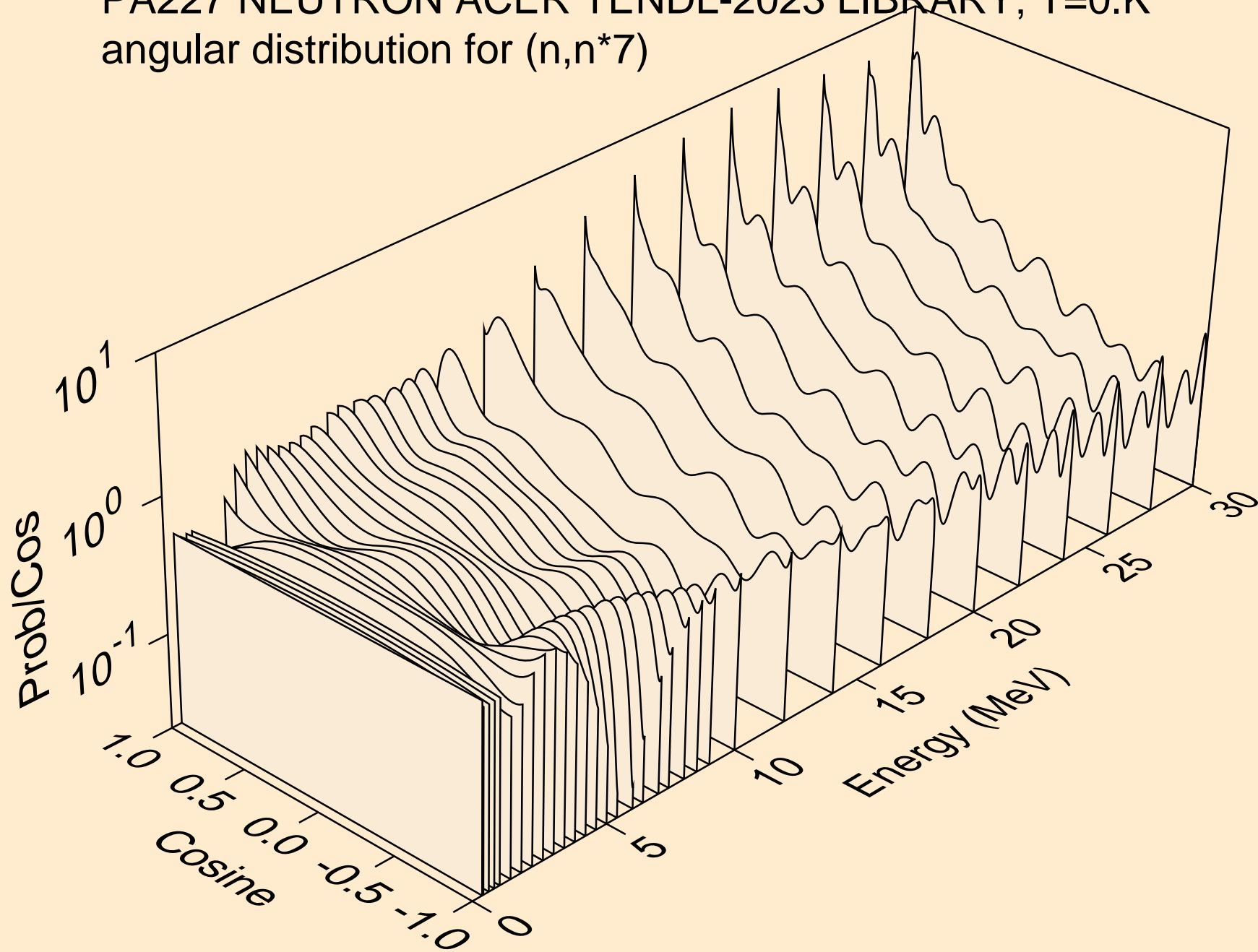
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



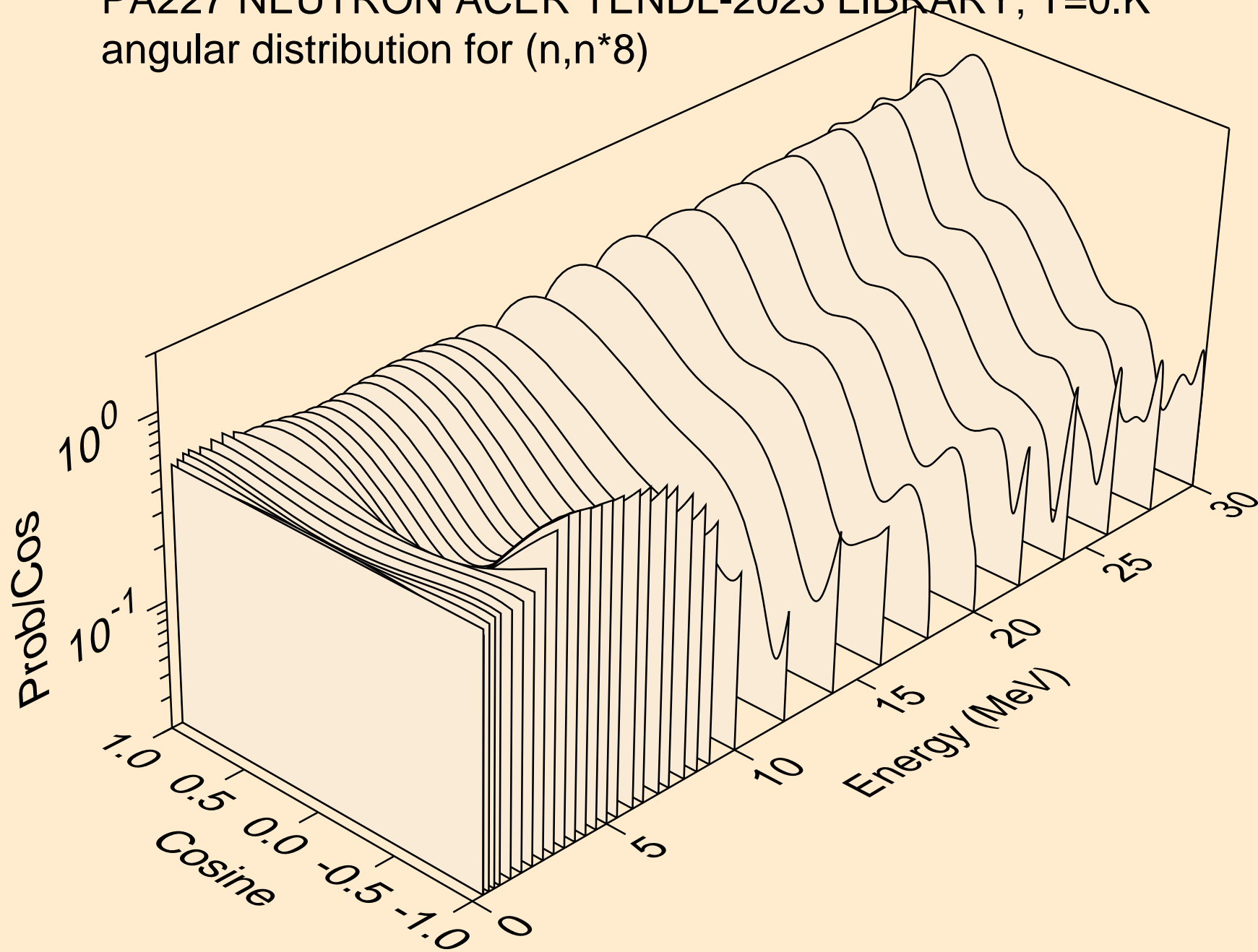
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



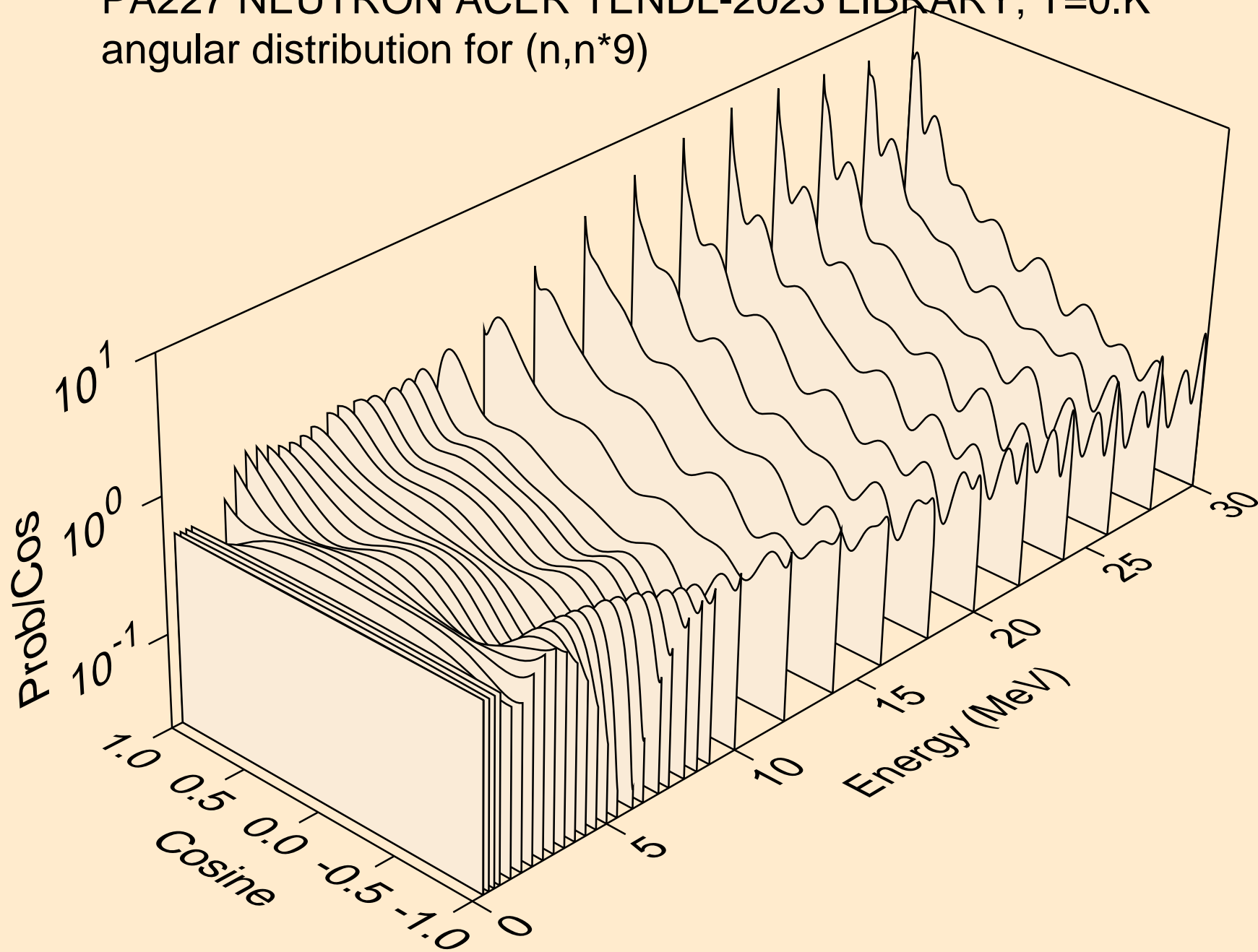
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angular distribution for (n,n*7)



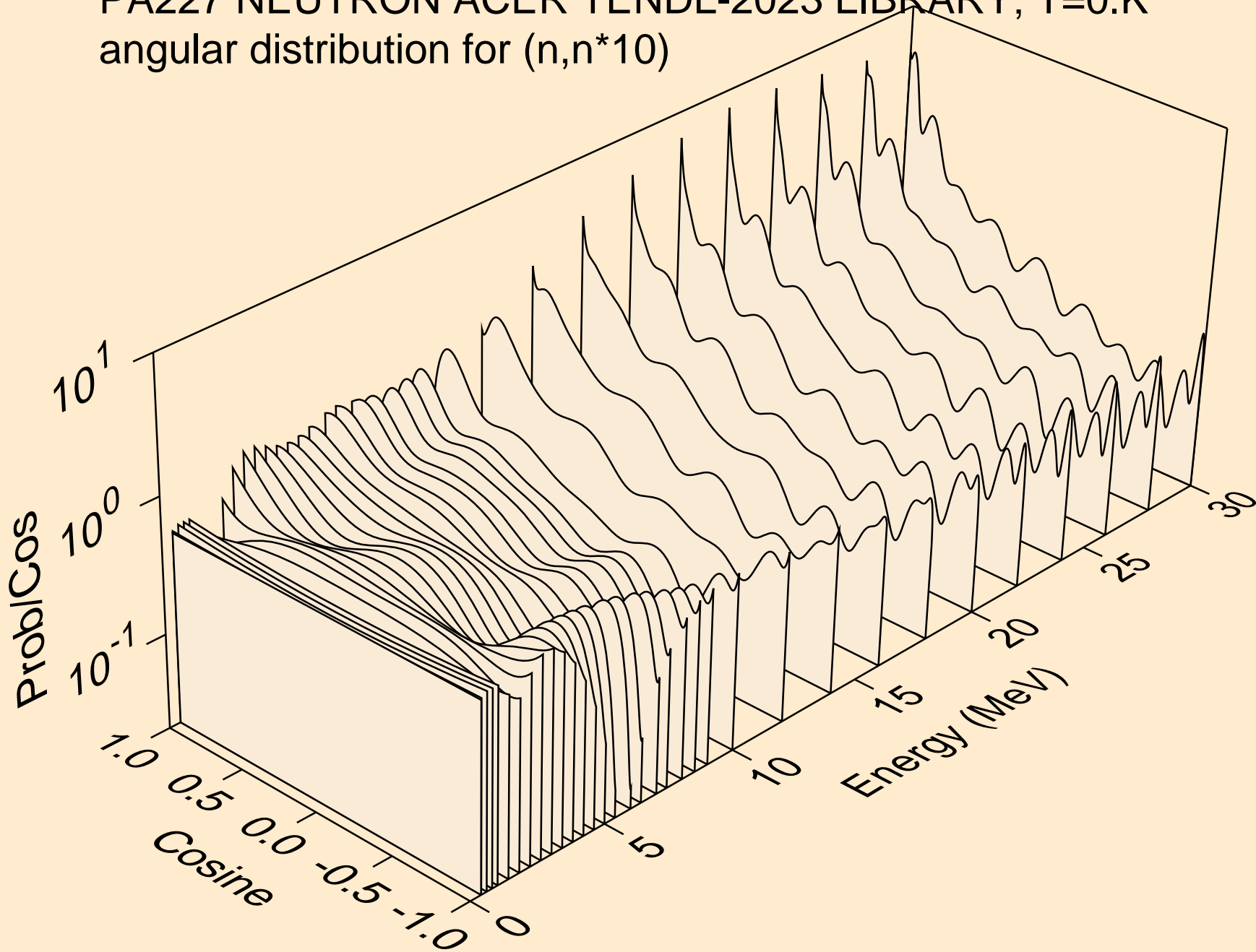
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angular distribution for (n,n*8)



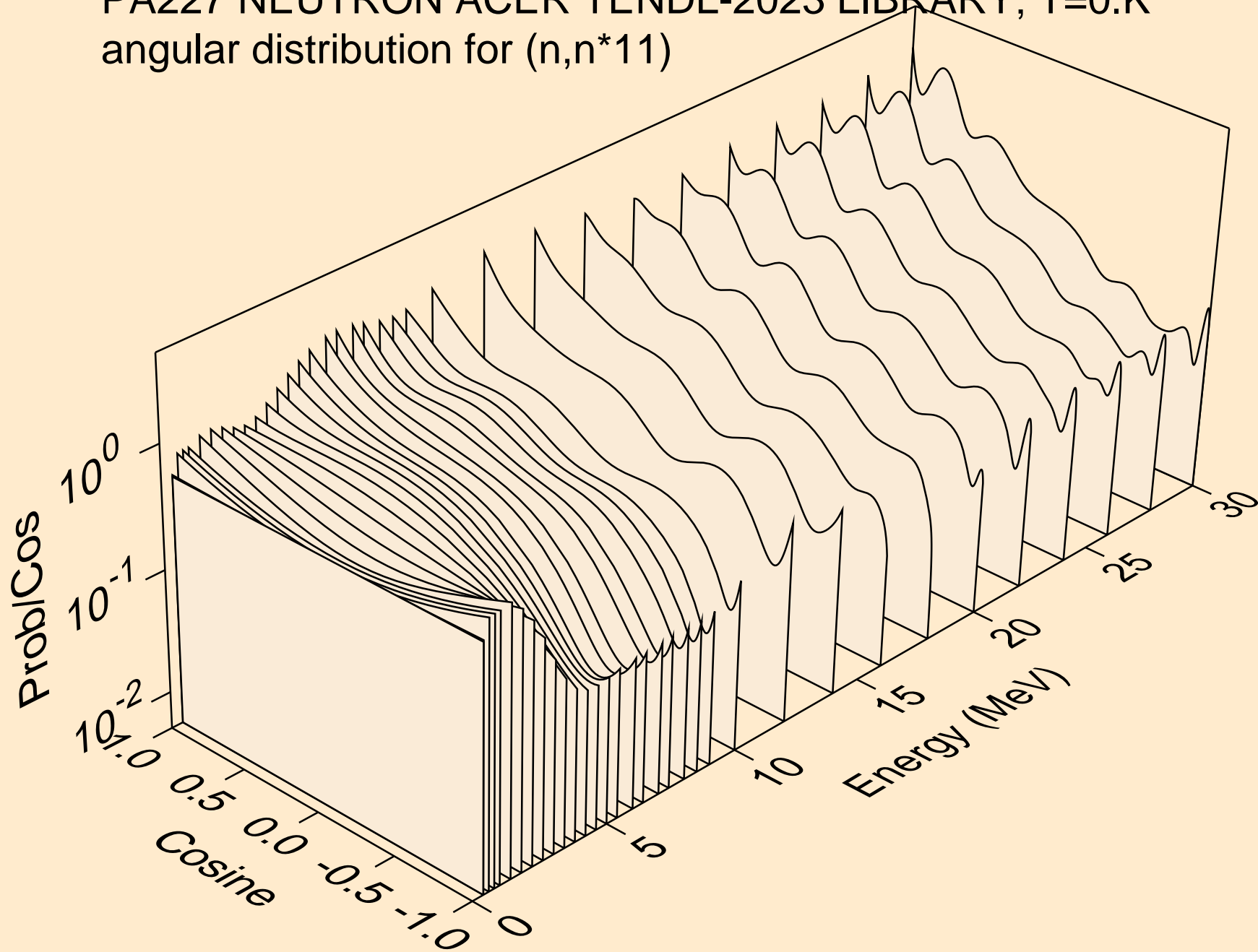
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angular distribution for (n,n*9)



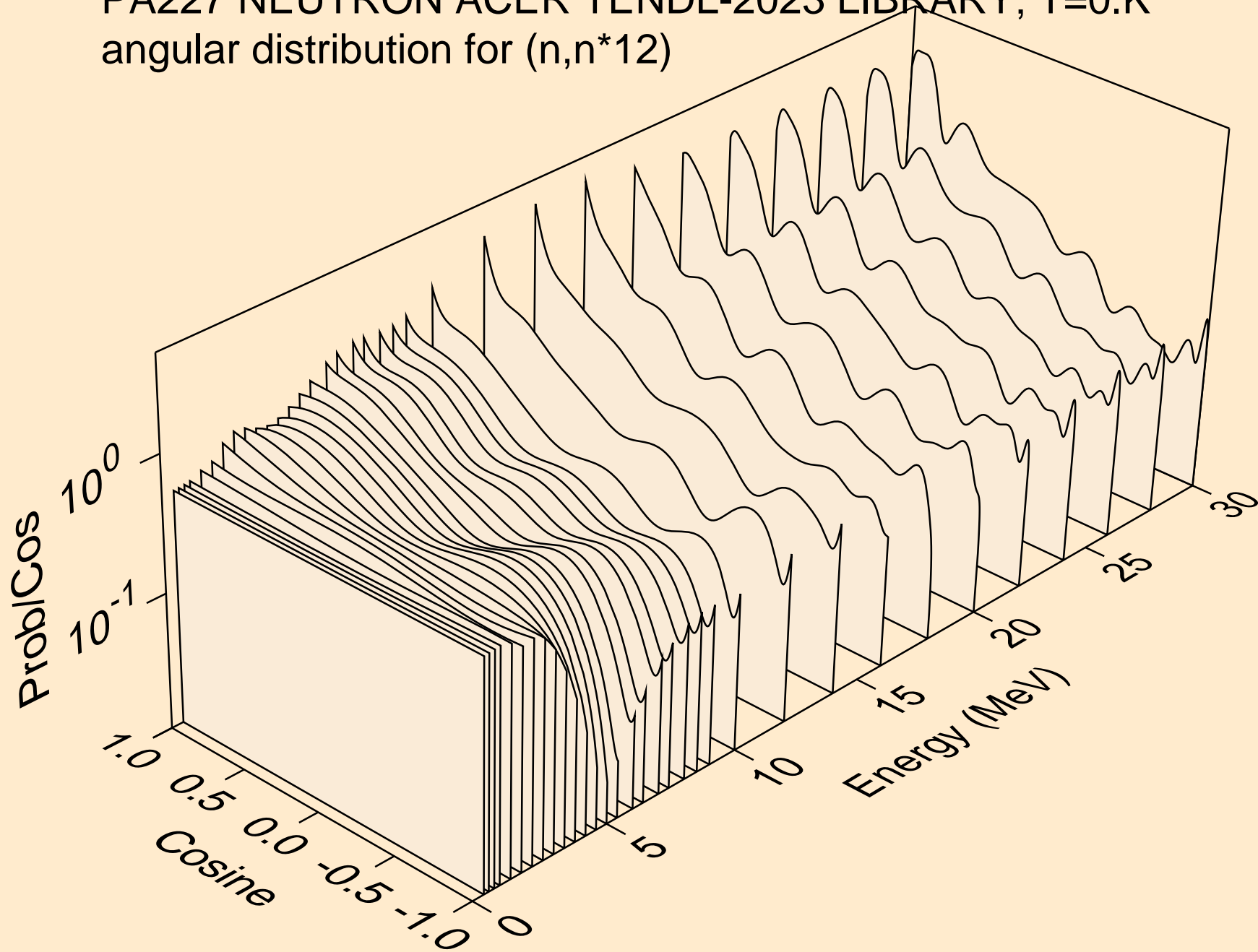
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angular distribution for (n,n*10)



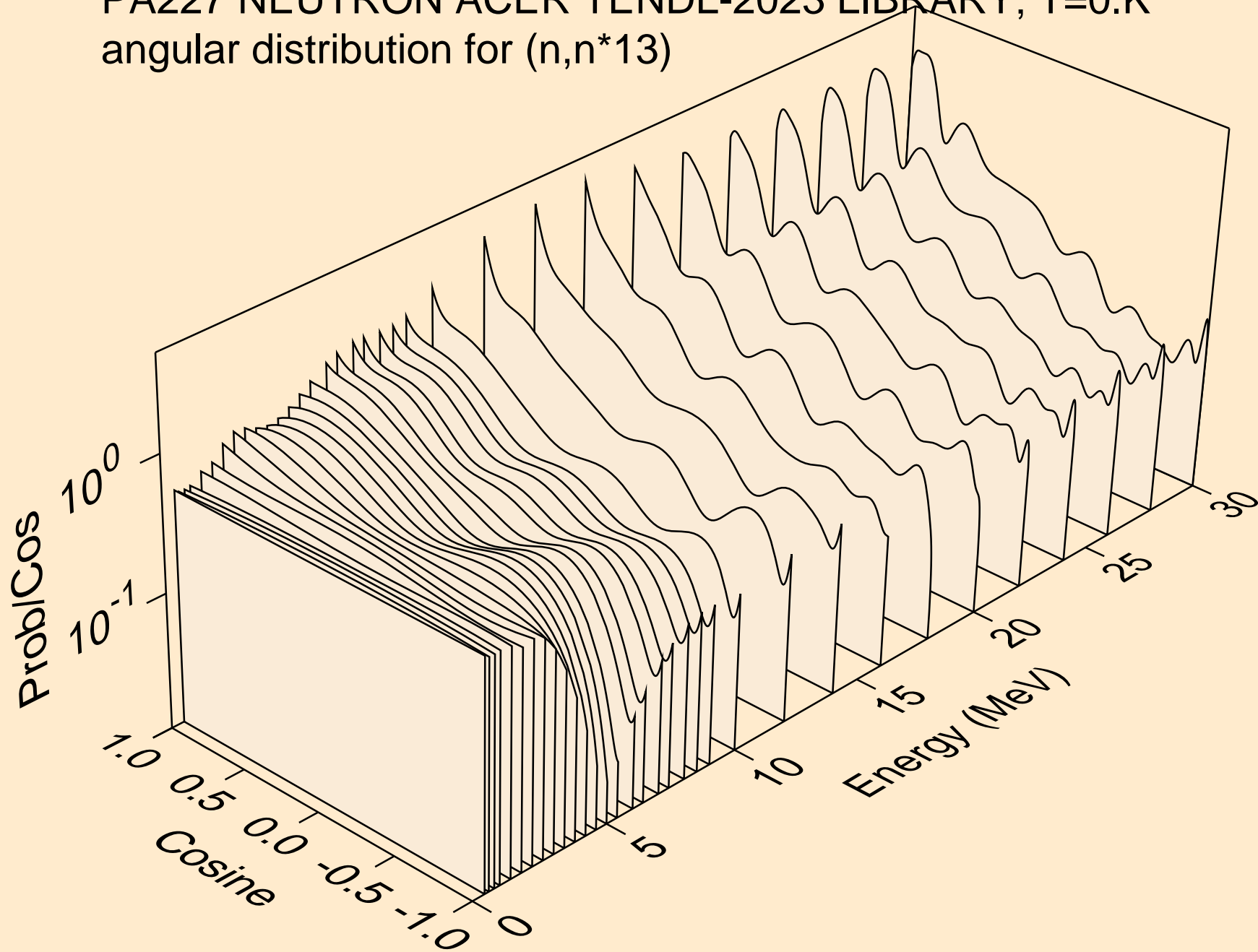
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



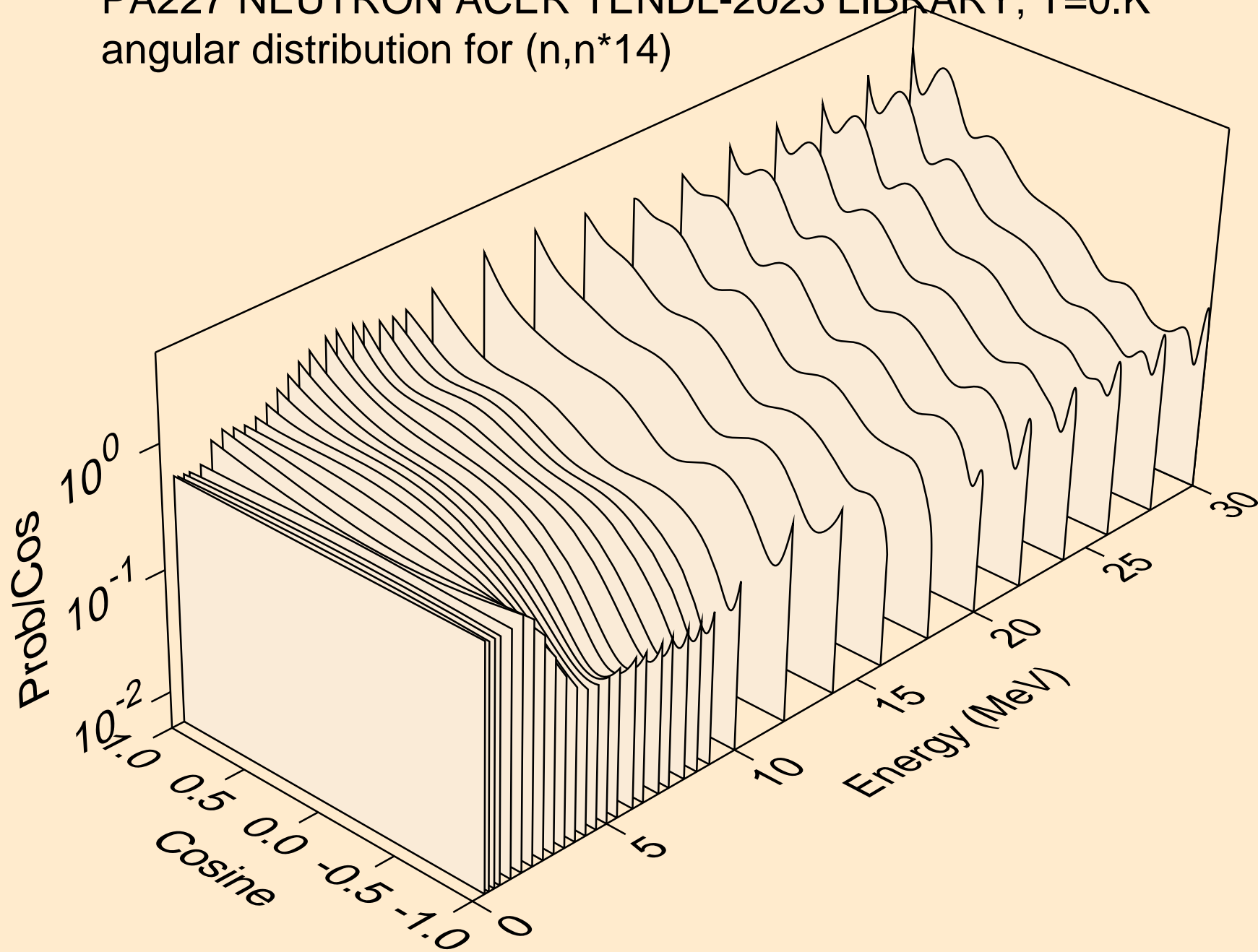
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angular distribution for (n,n*12)



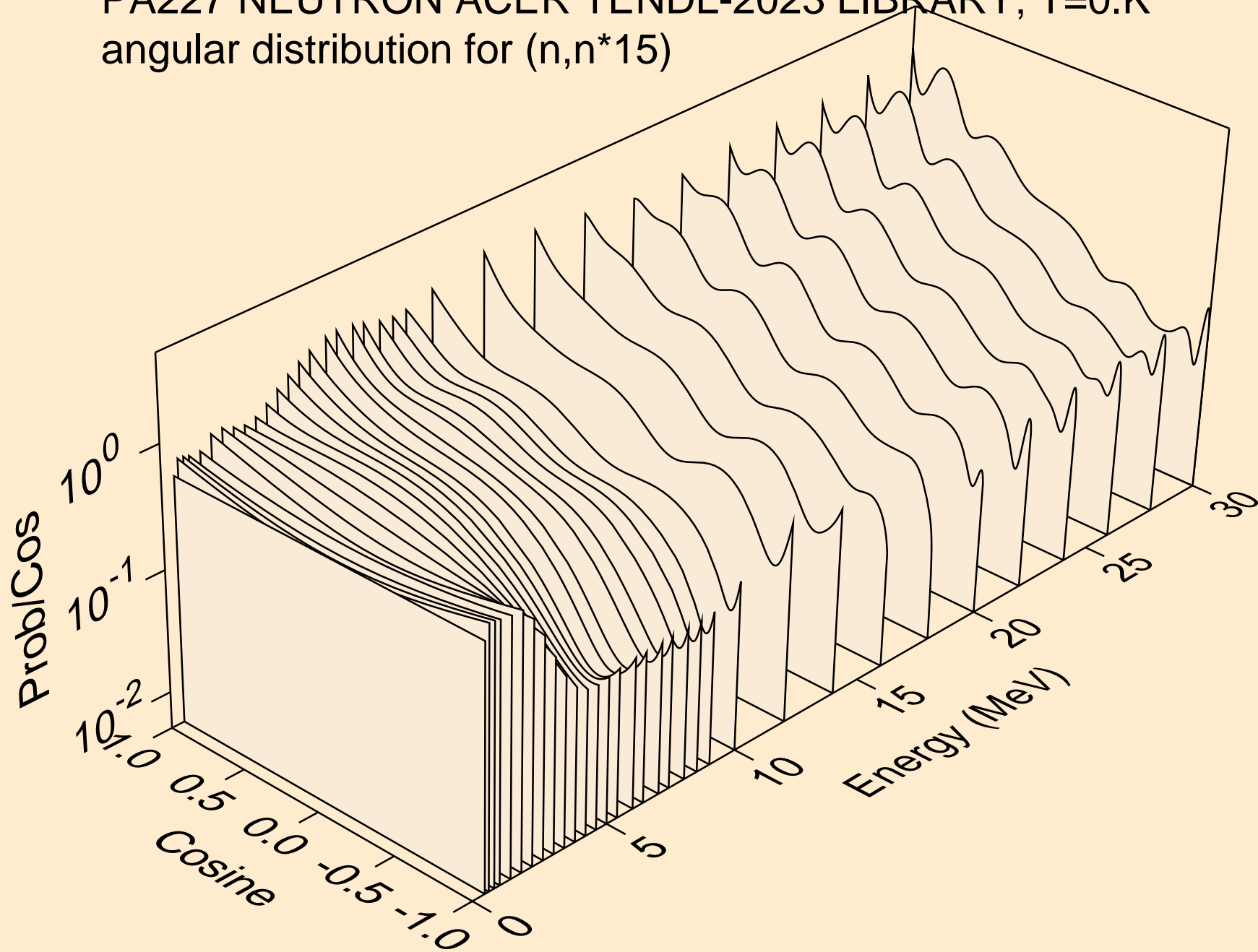
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angular distribution for (n,n*13)



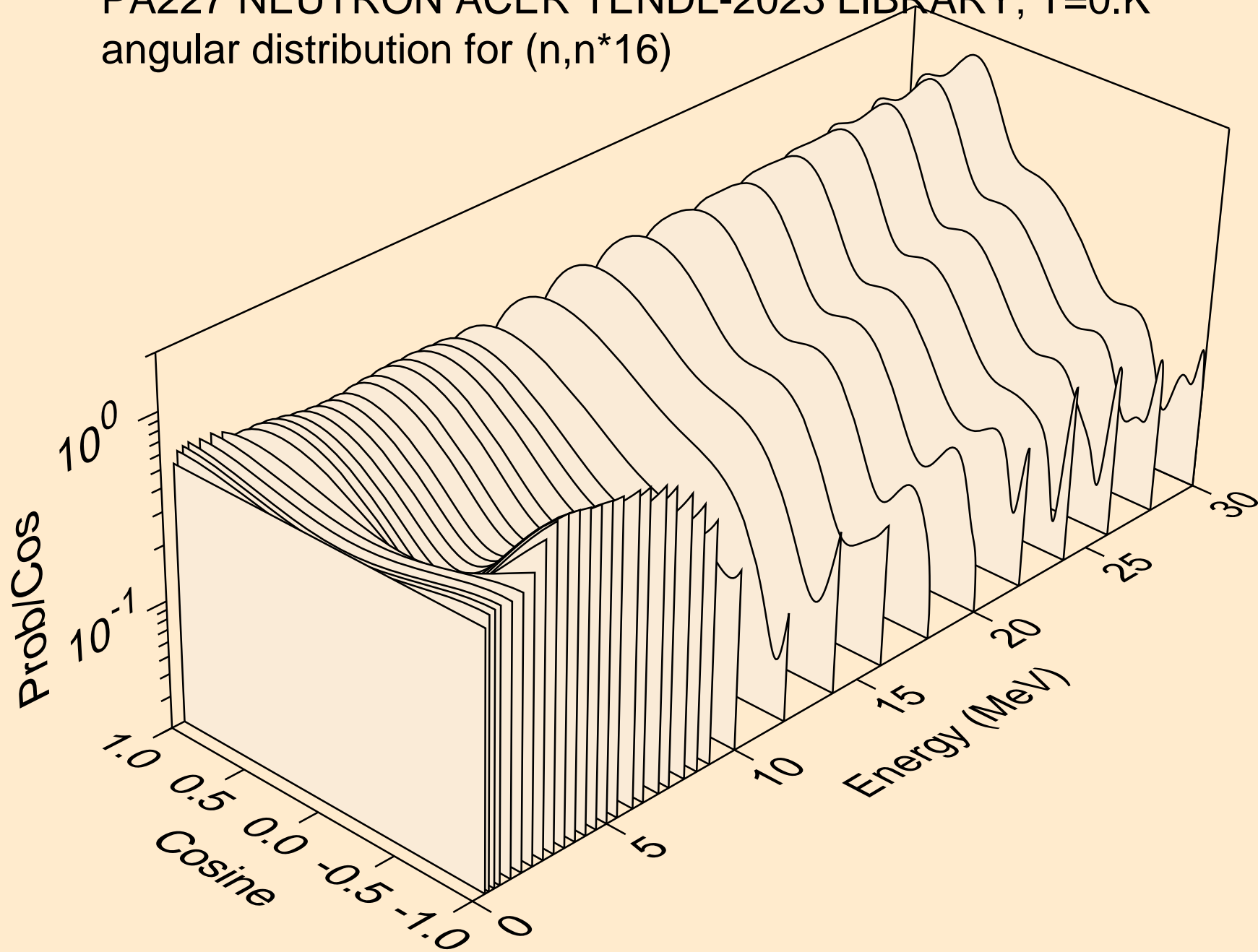
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angular distribution for (n,n*14)



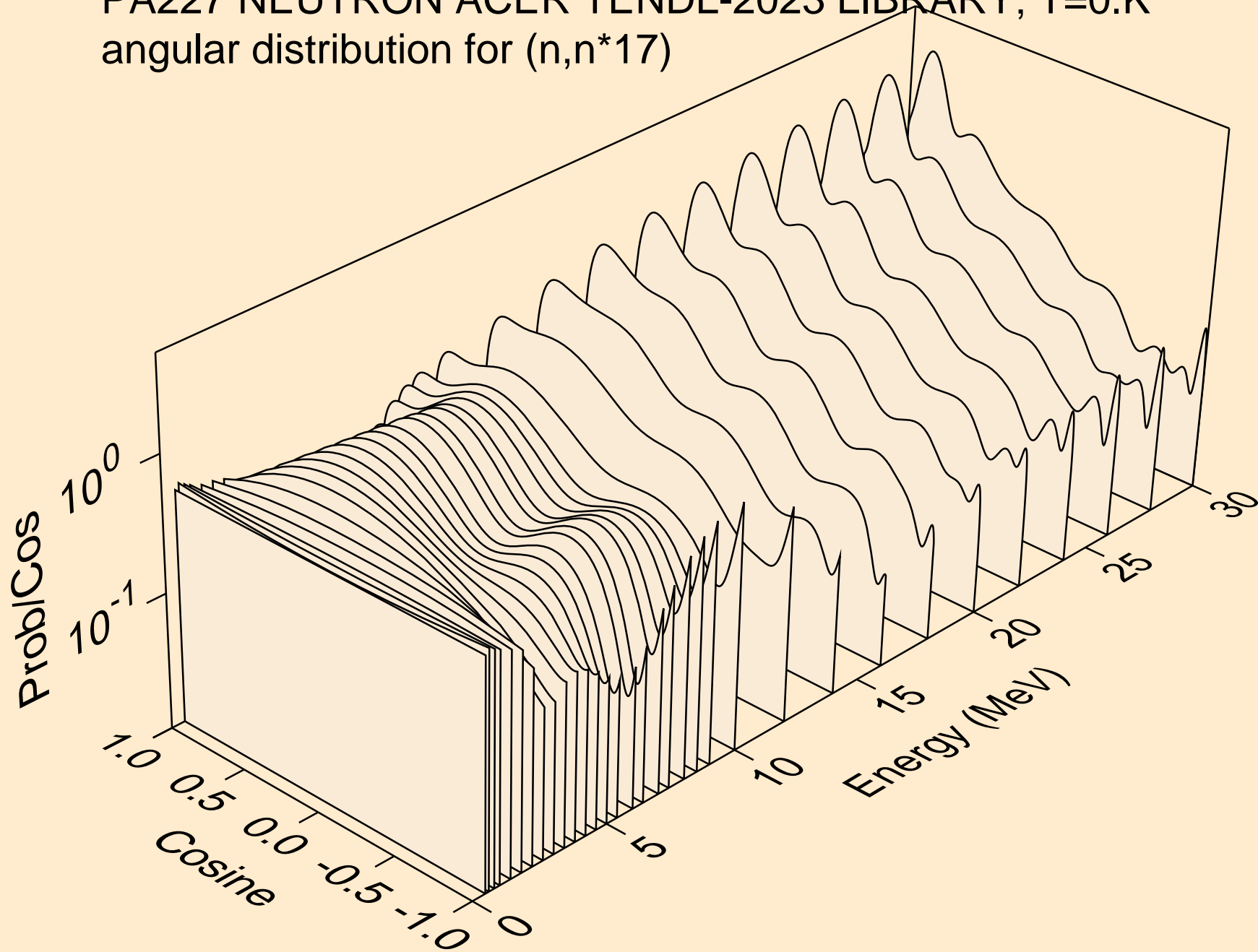
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angular distribution for (n,n*15)



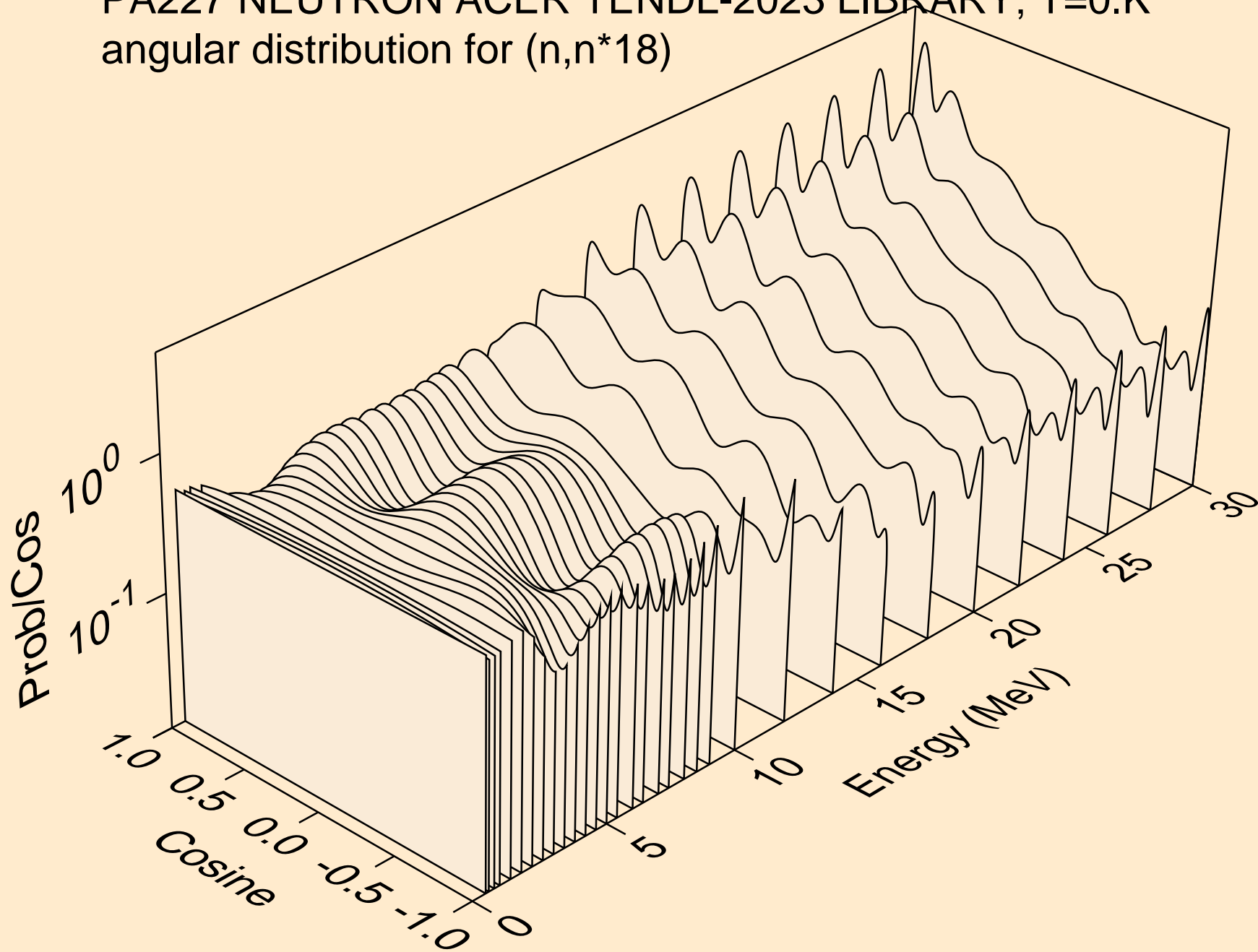
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angular distribution for (n,n*16)



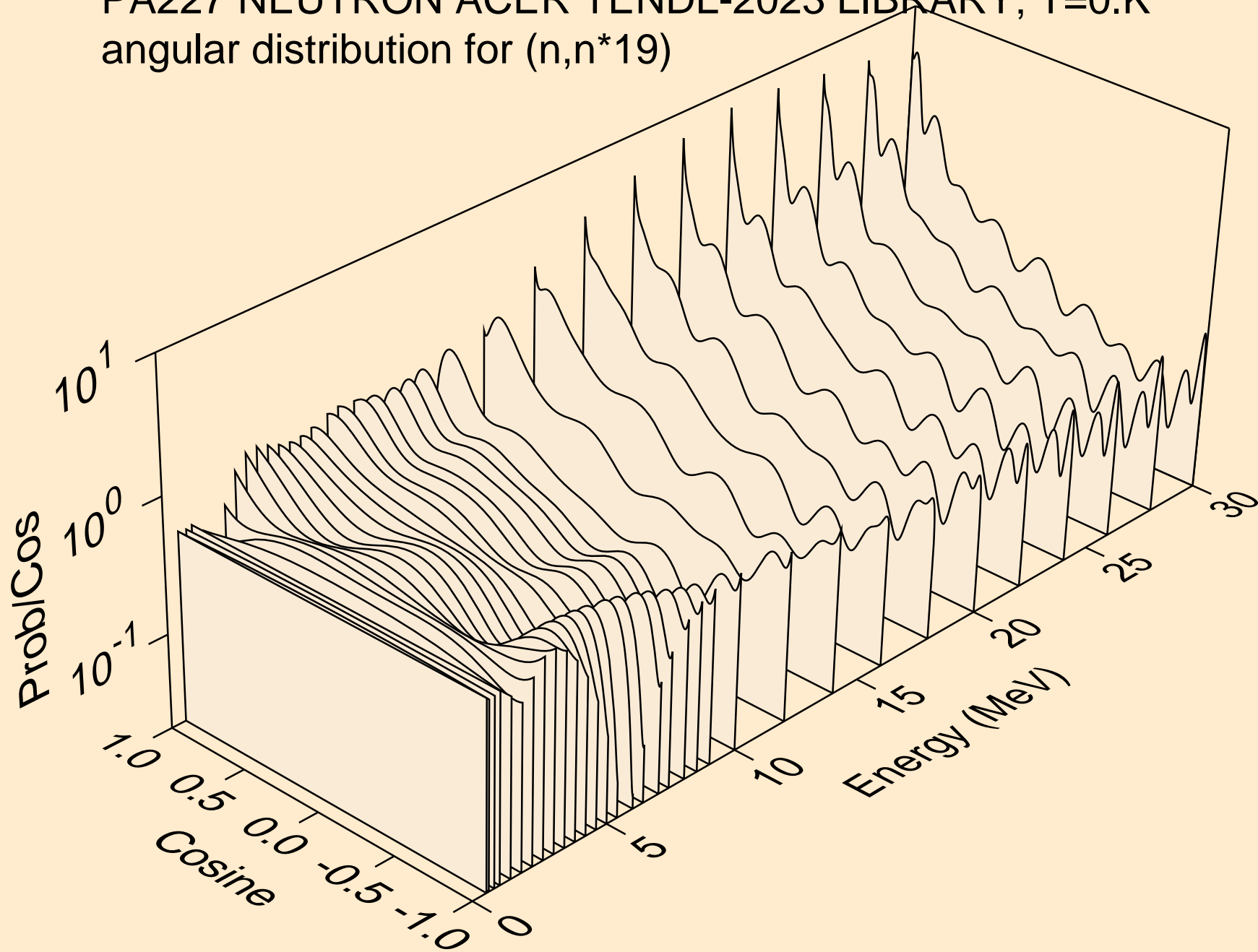
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angular distribution for (n,n*17)



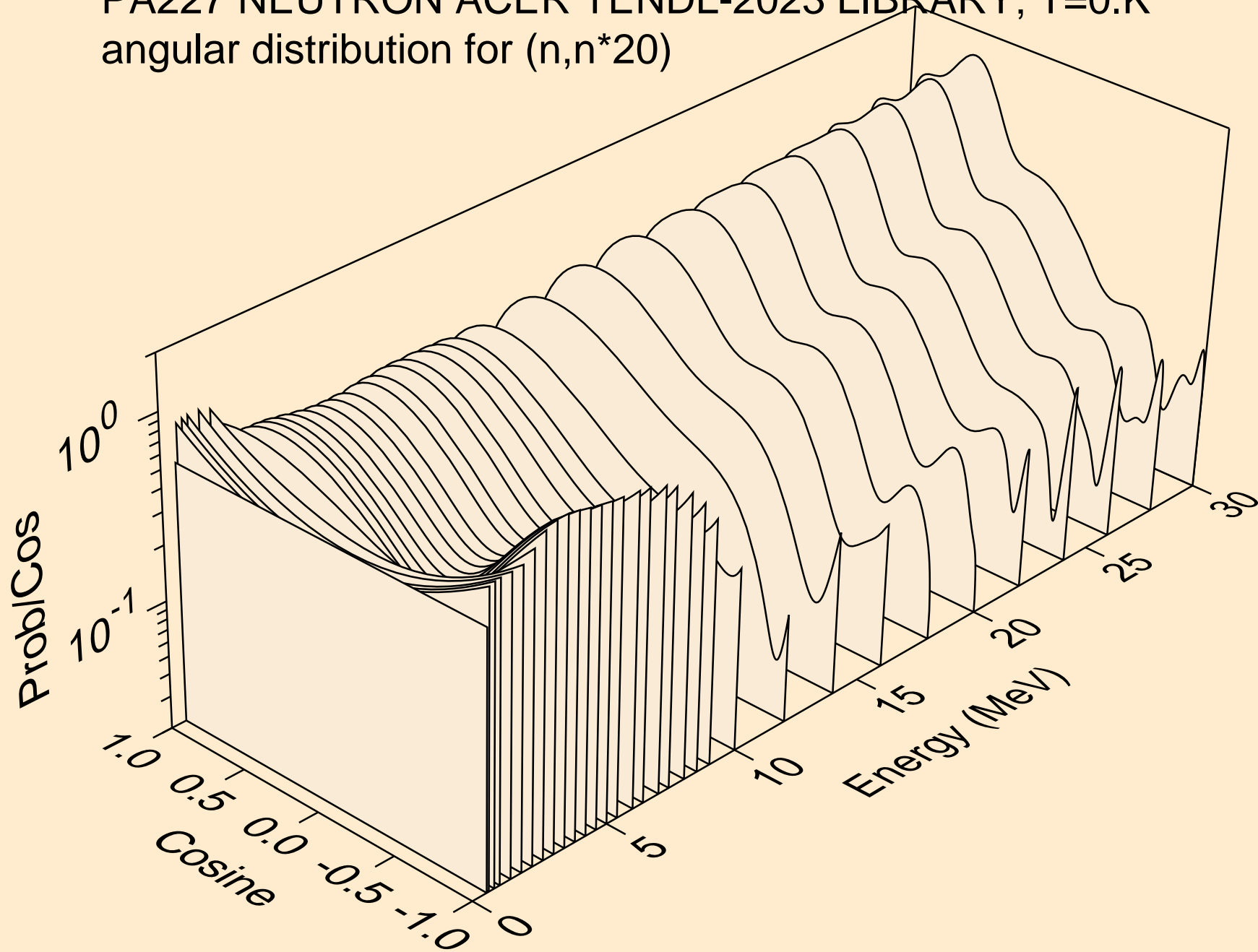
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angular distribution for (n,n*18)



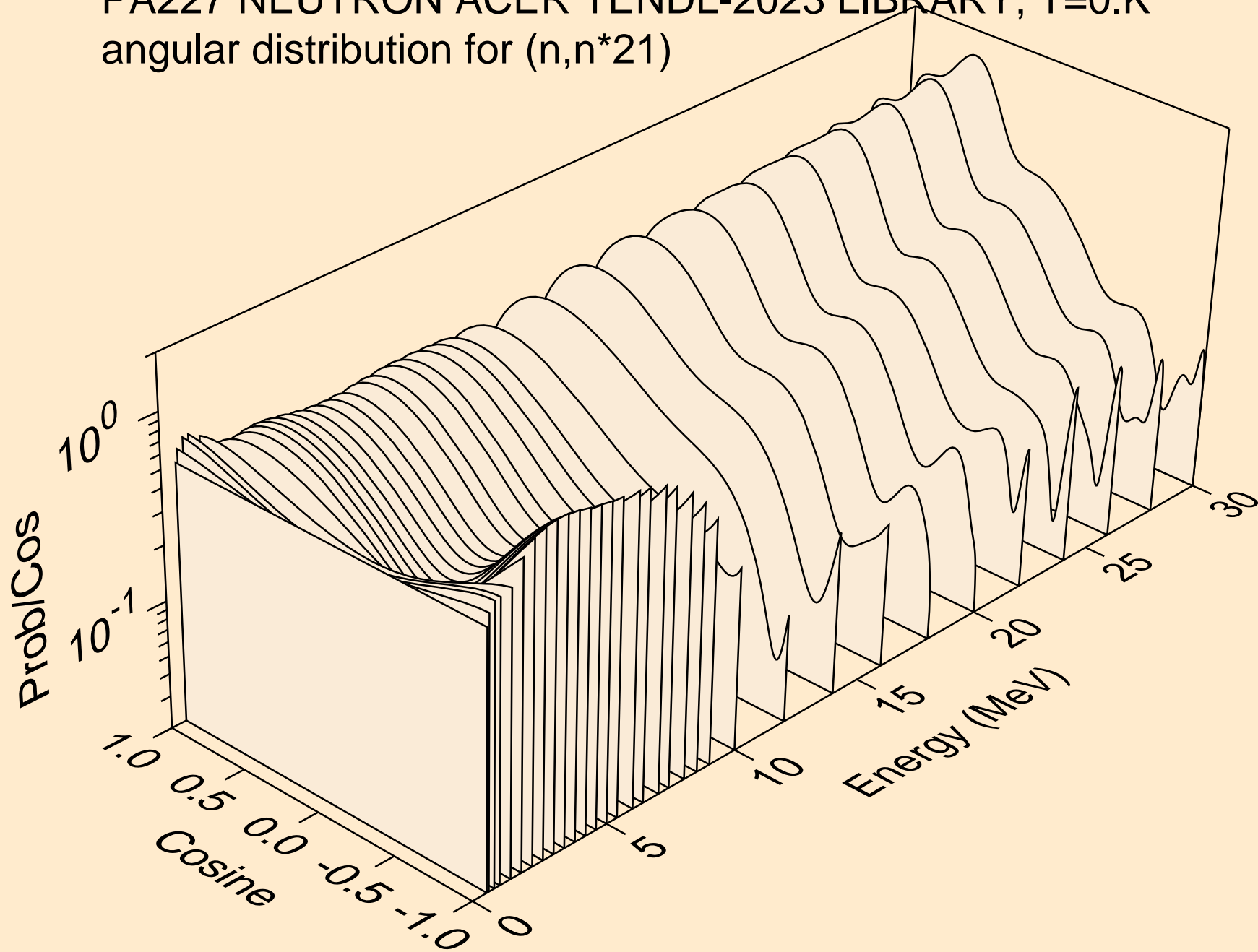
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angular distribution for (n,n*19)



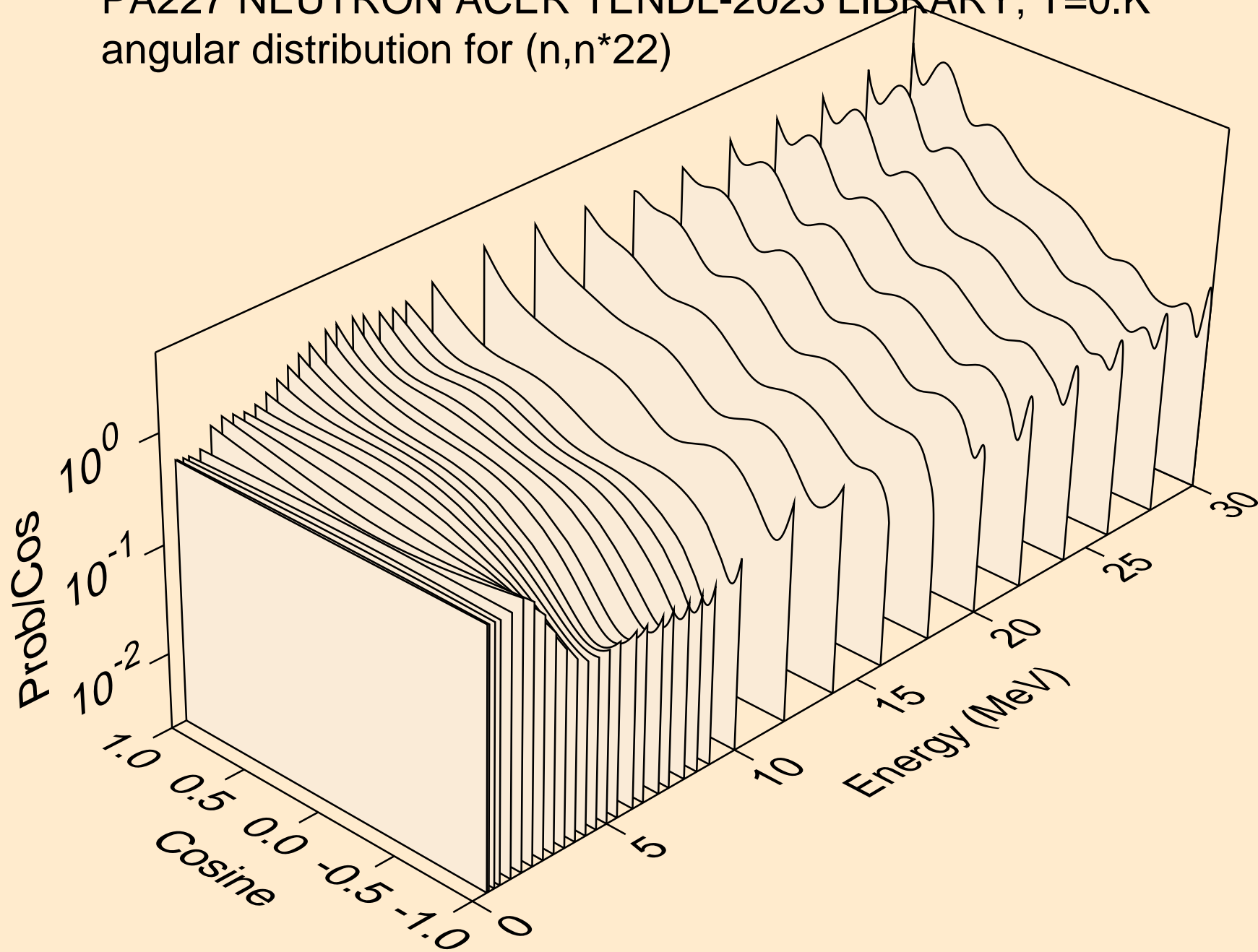
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*20)



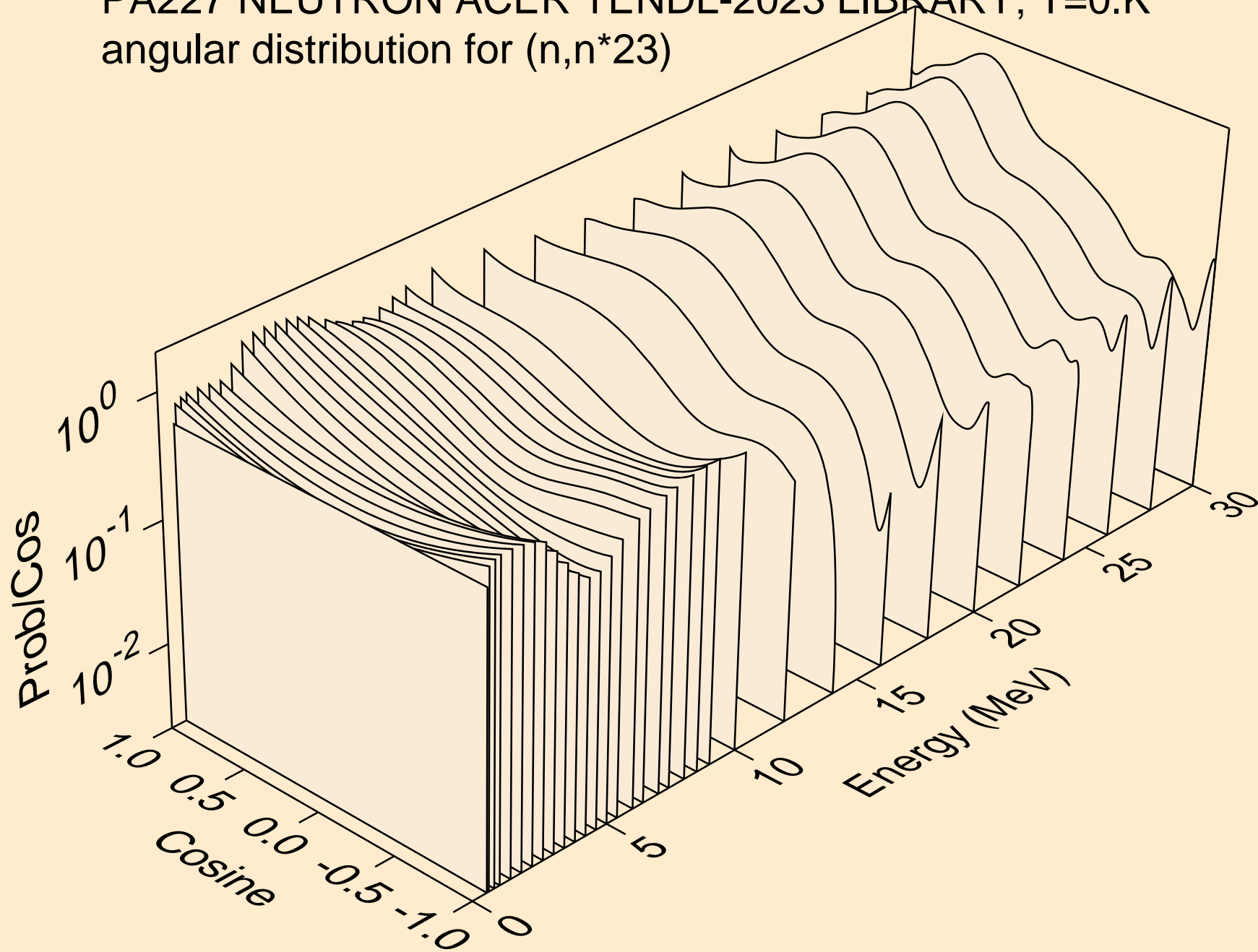
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angular distribution for (n,n*21)



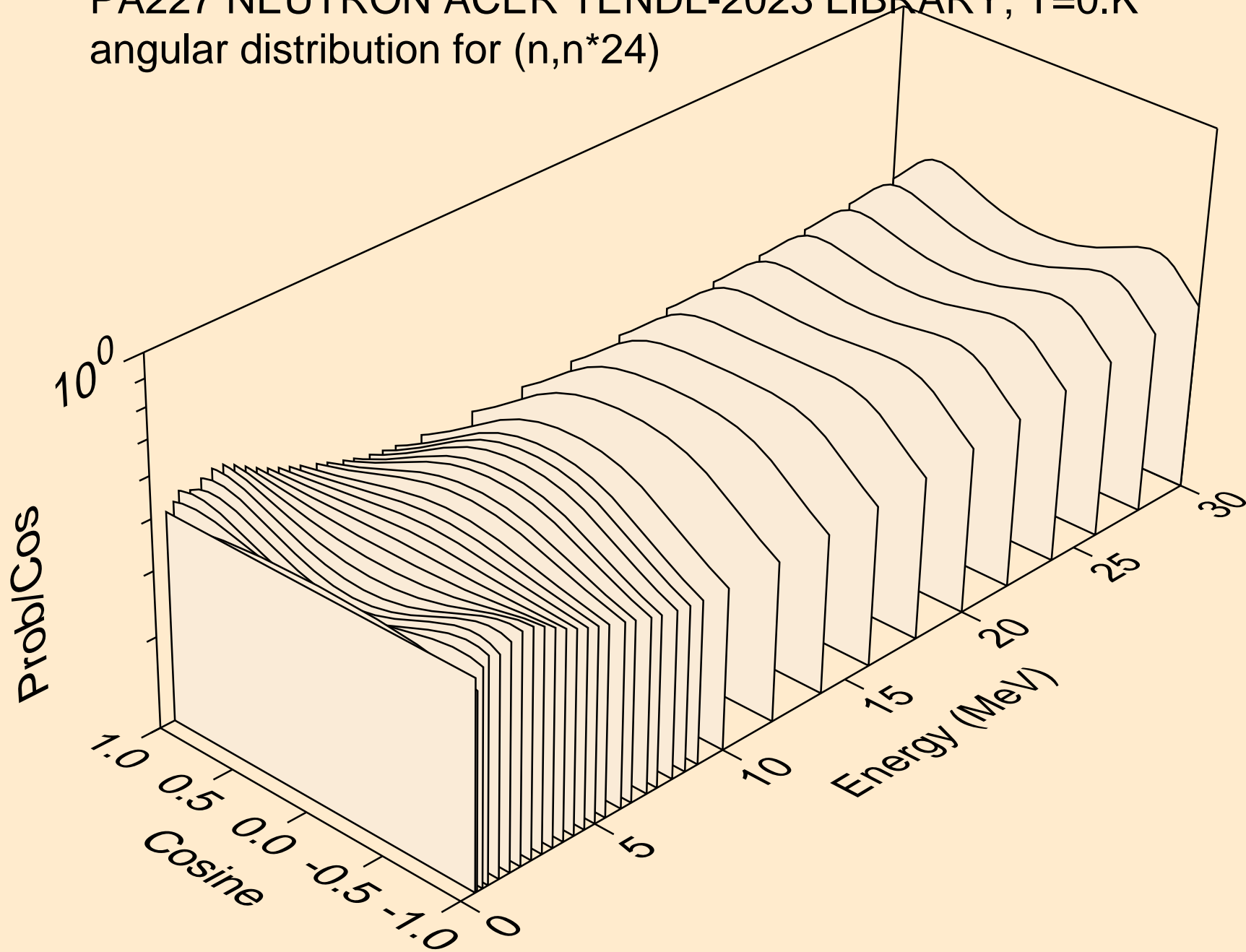
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angular distribution for (n,n*22)



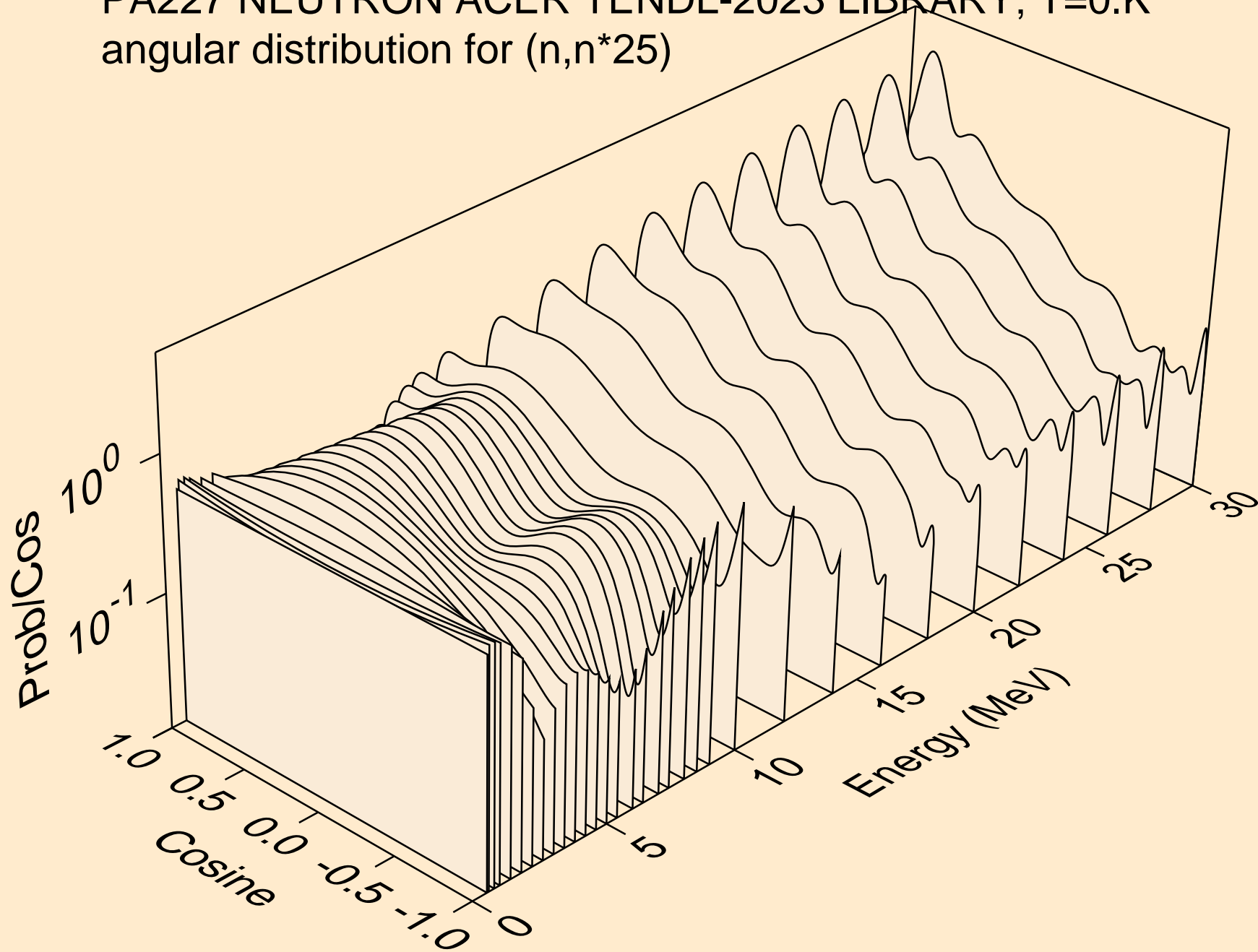
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angular distribution for (n,n*23)



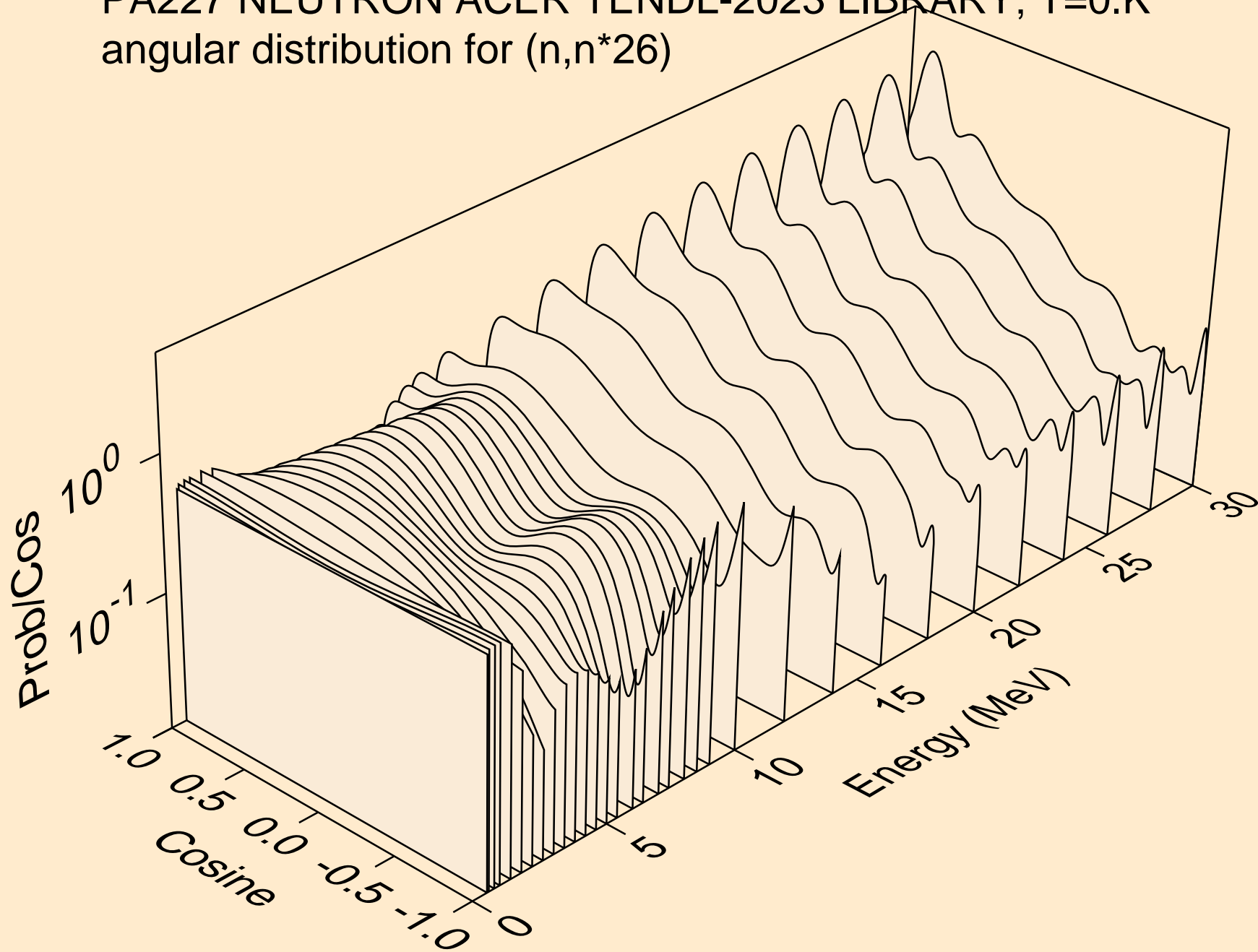
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*24)



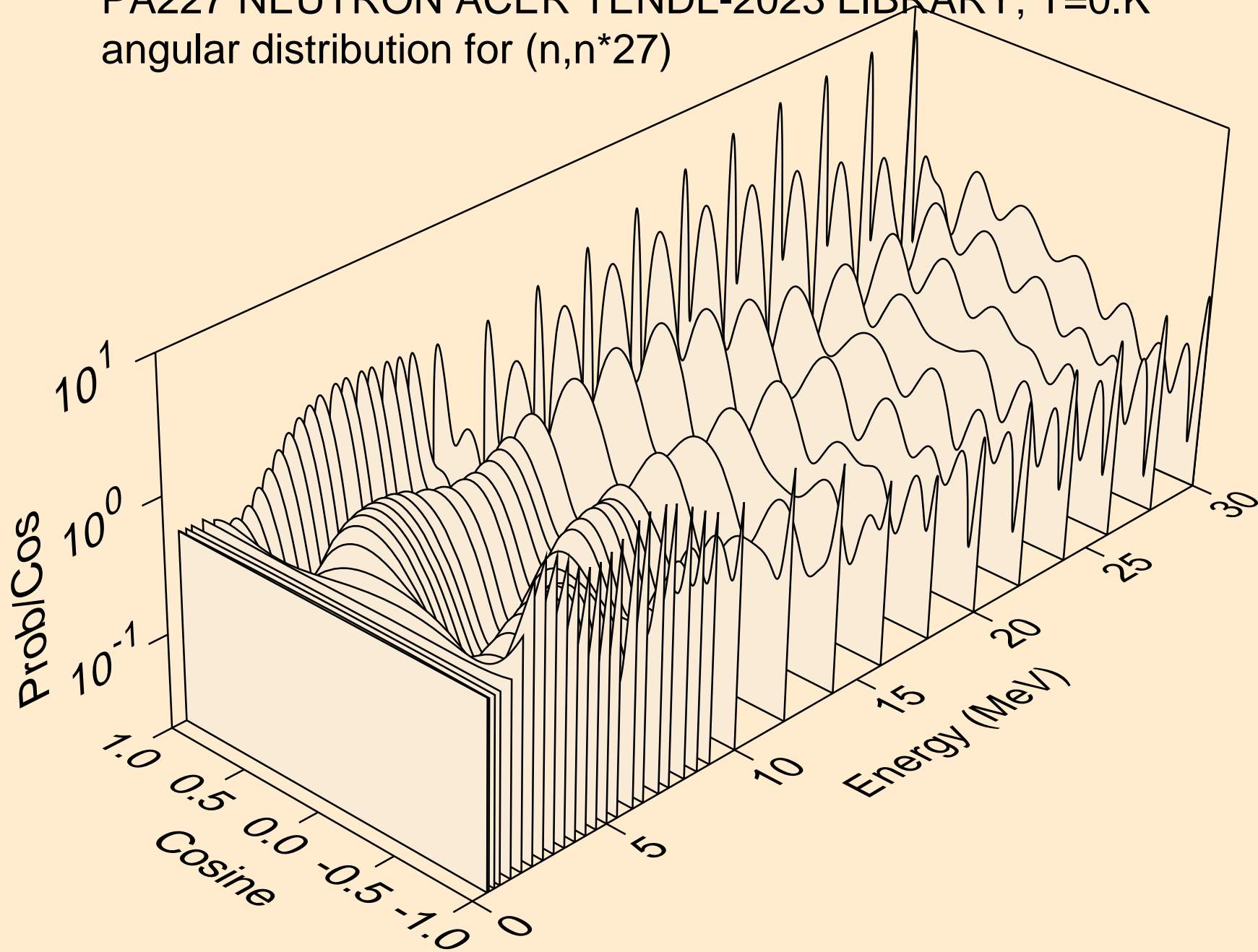
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*25)



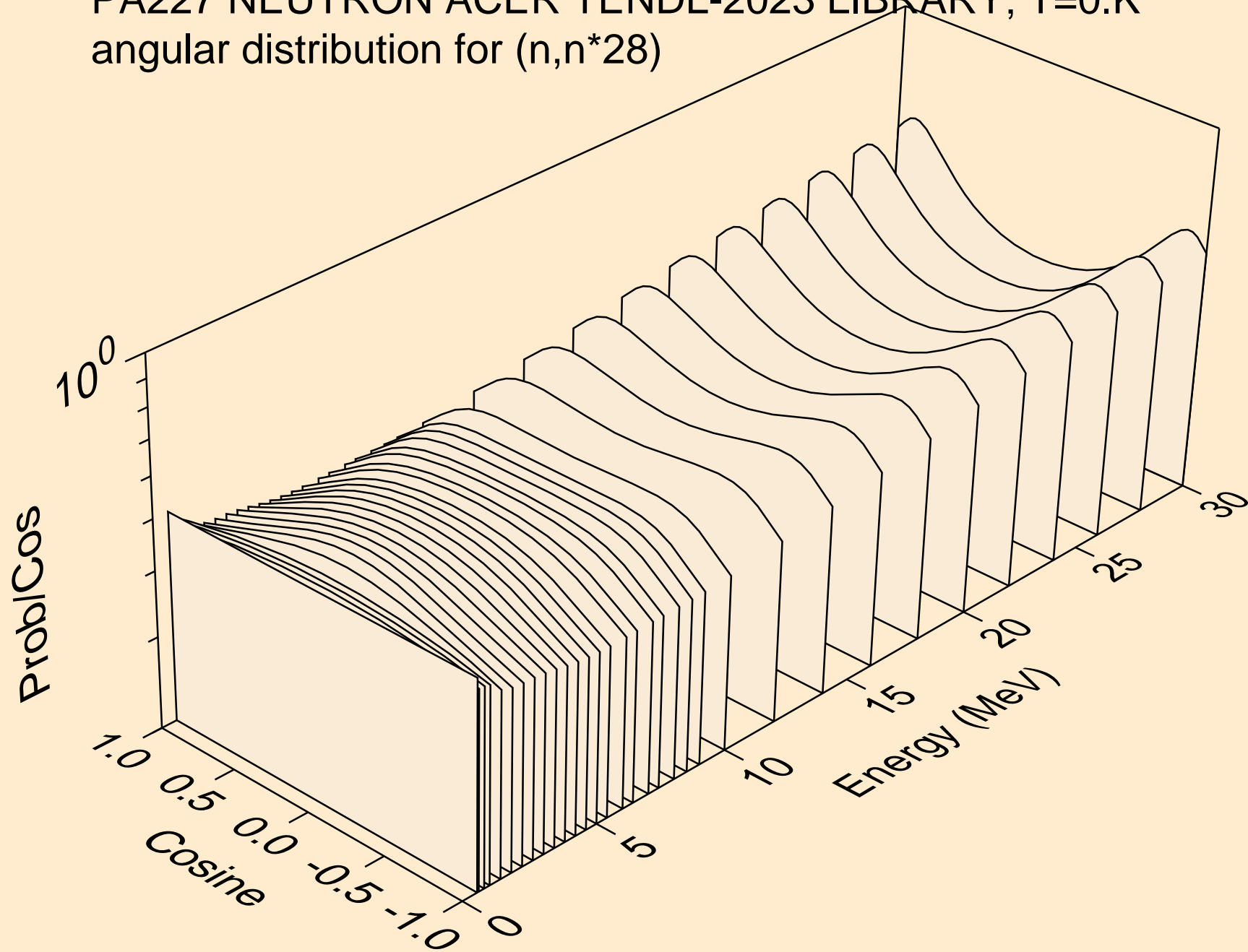
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*26)



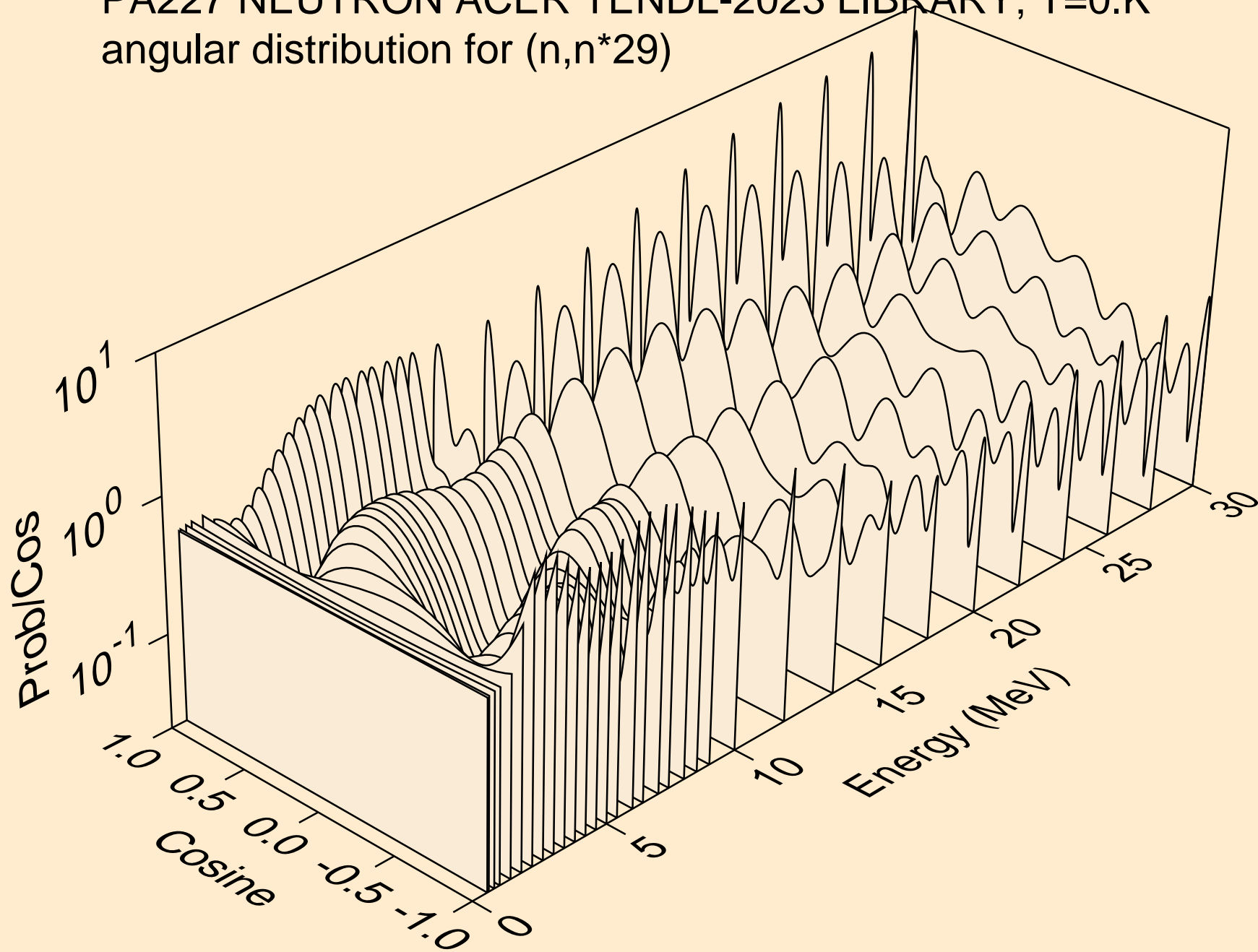
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*27)



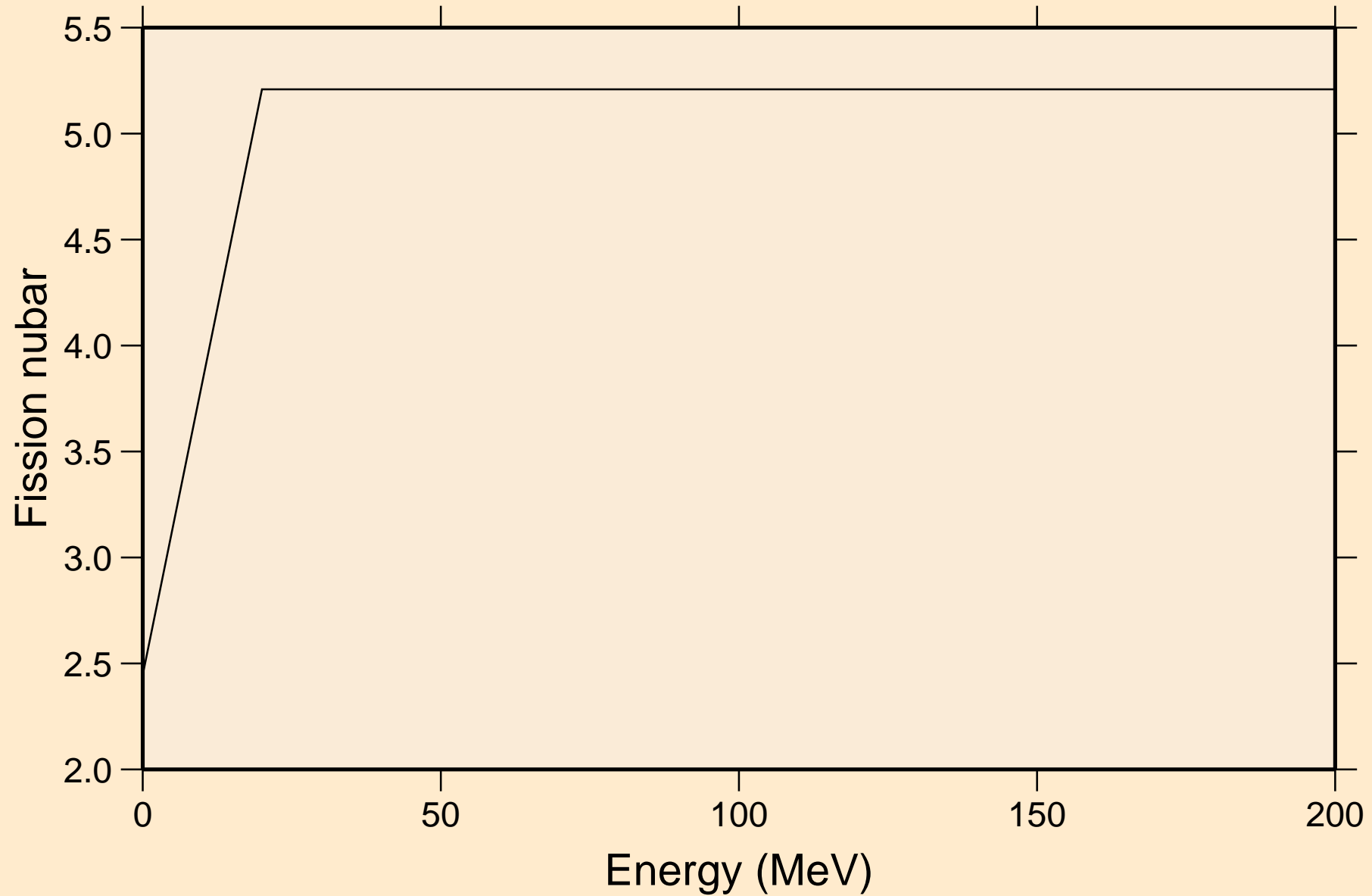
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*28)



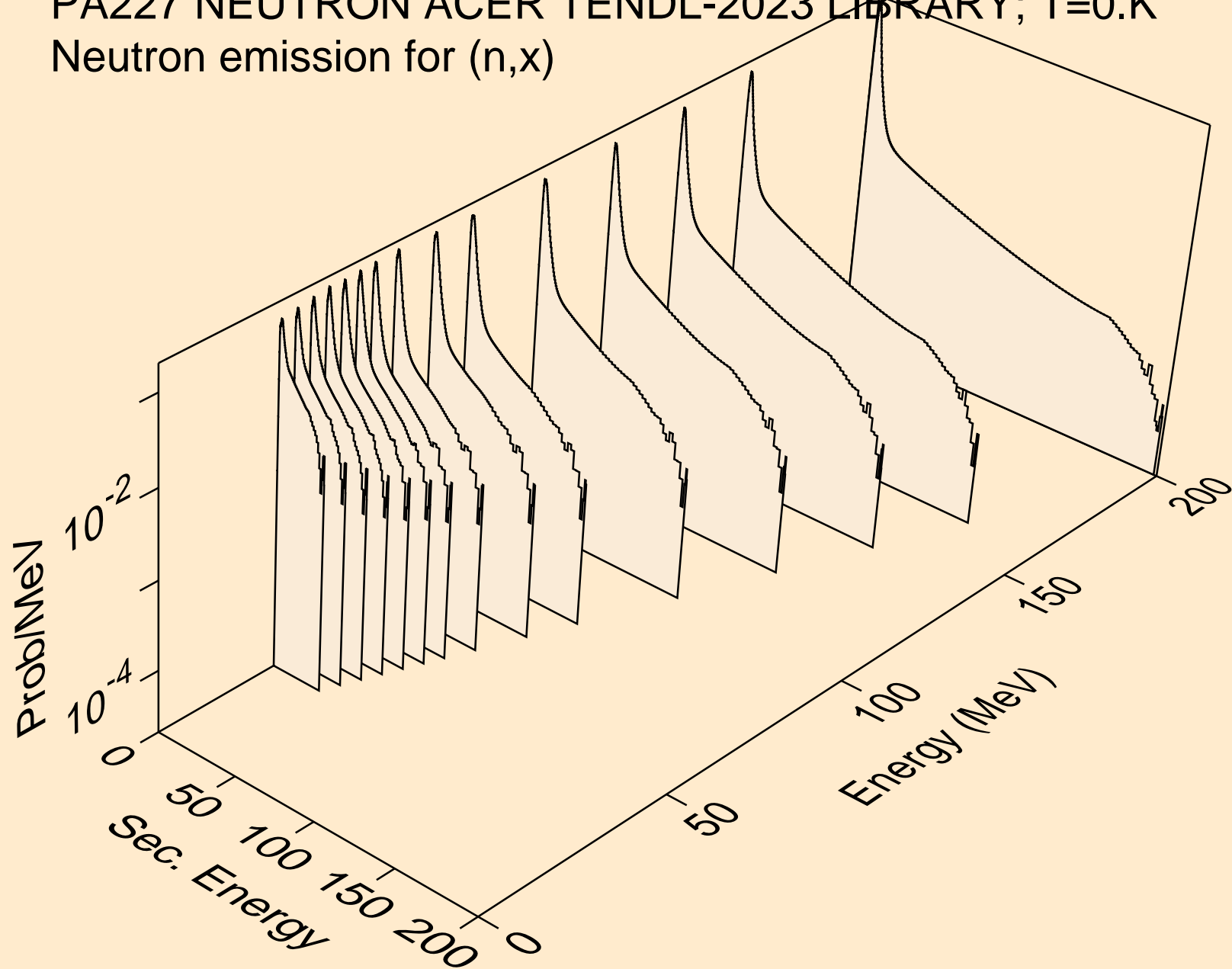
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*29)



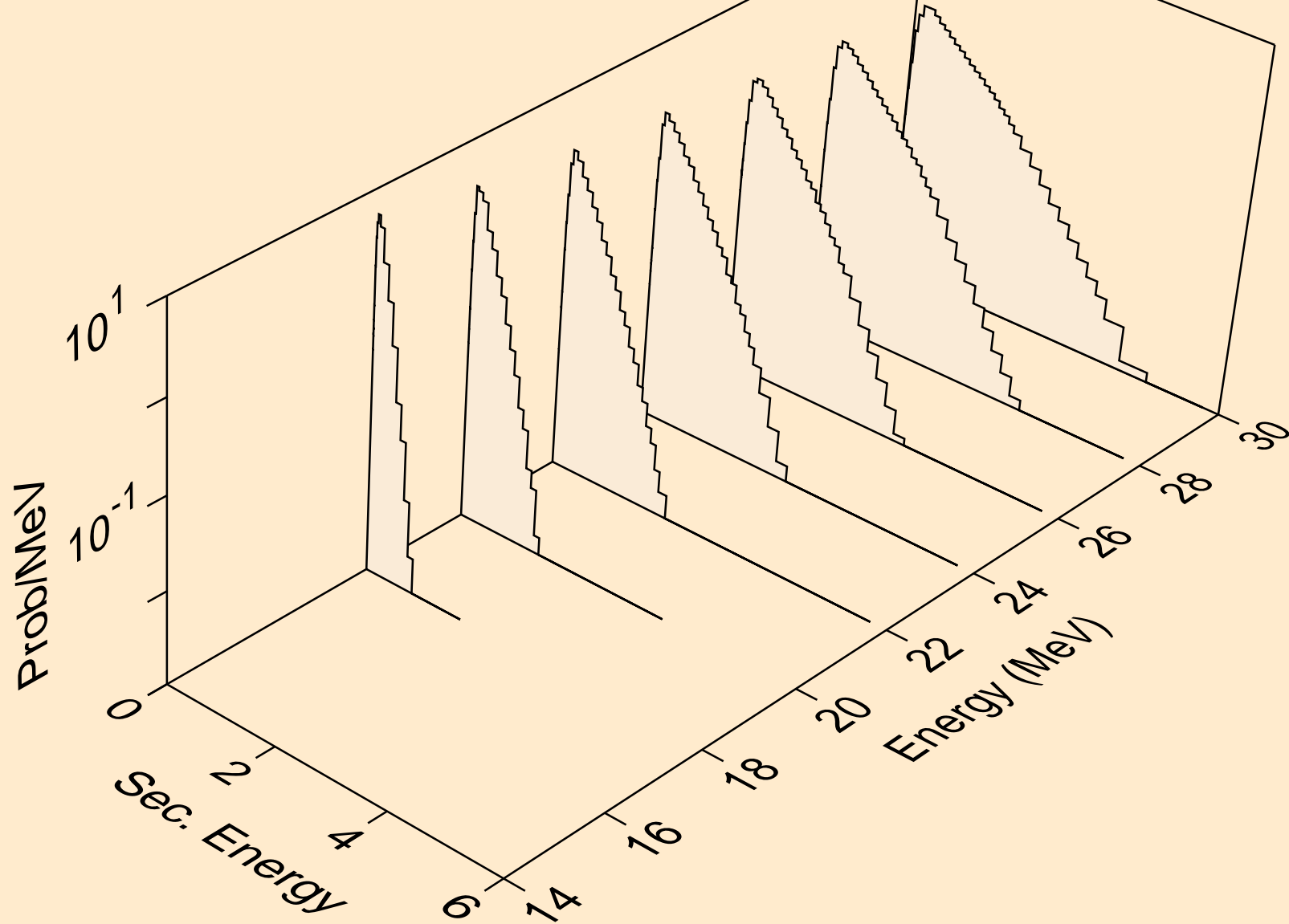
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Total fission nubar



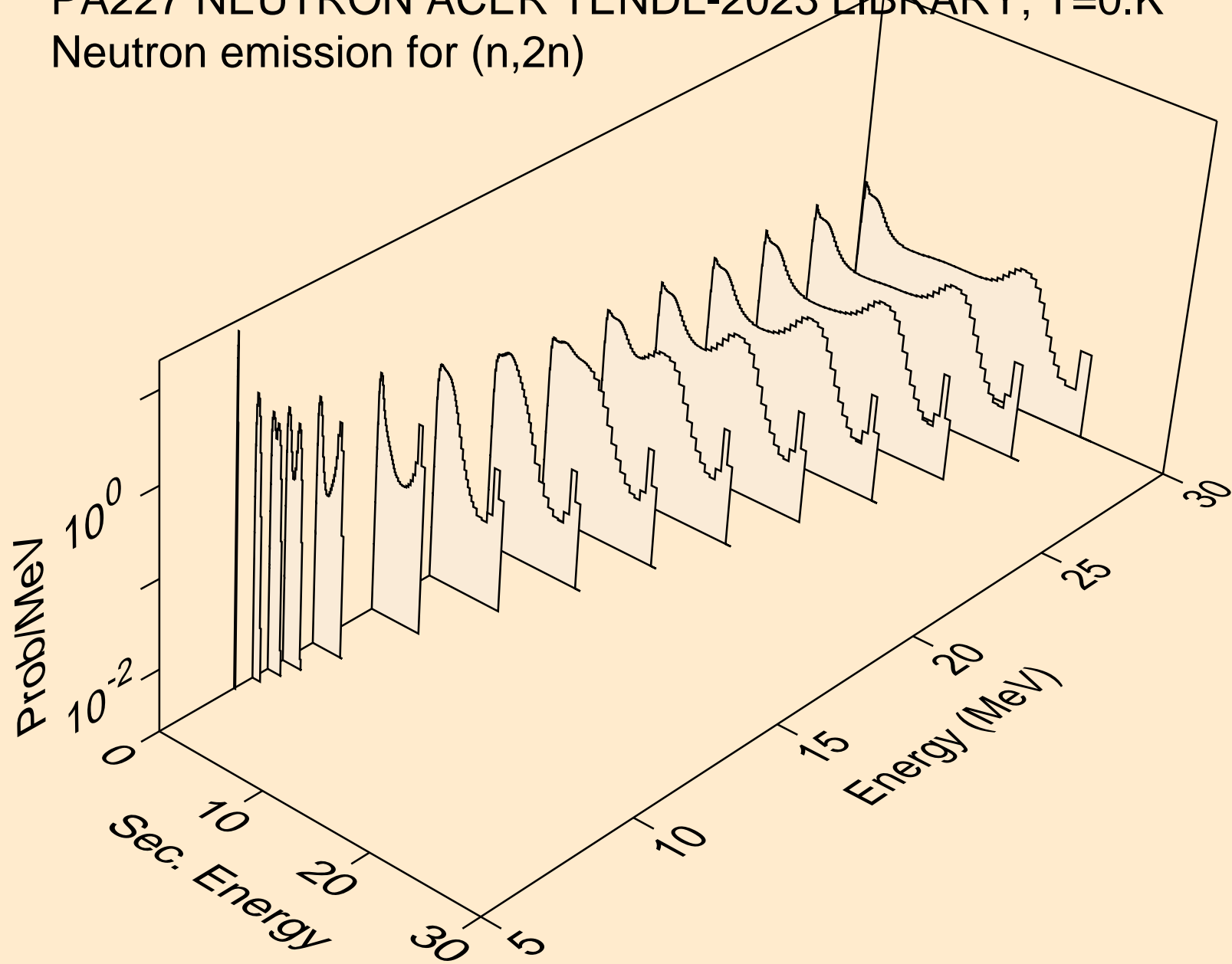
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



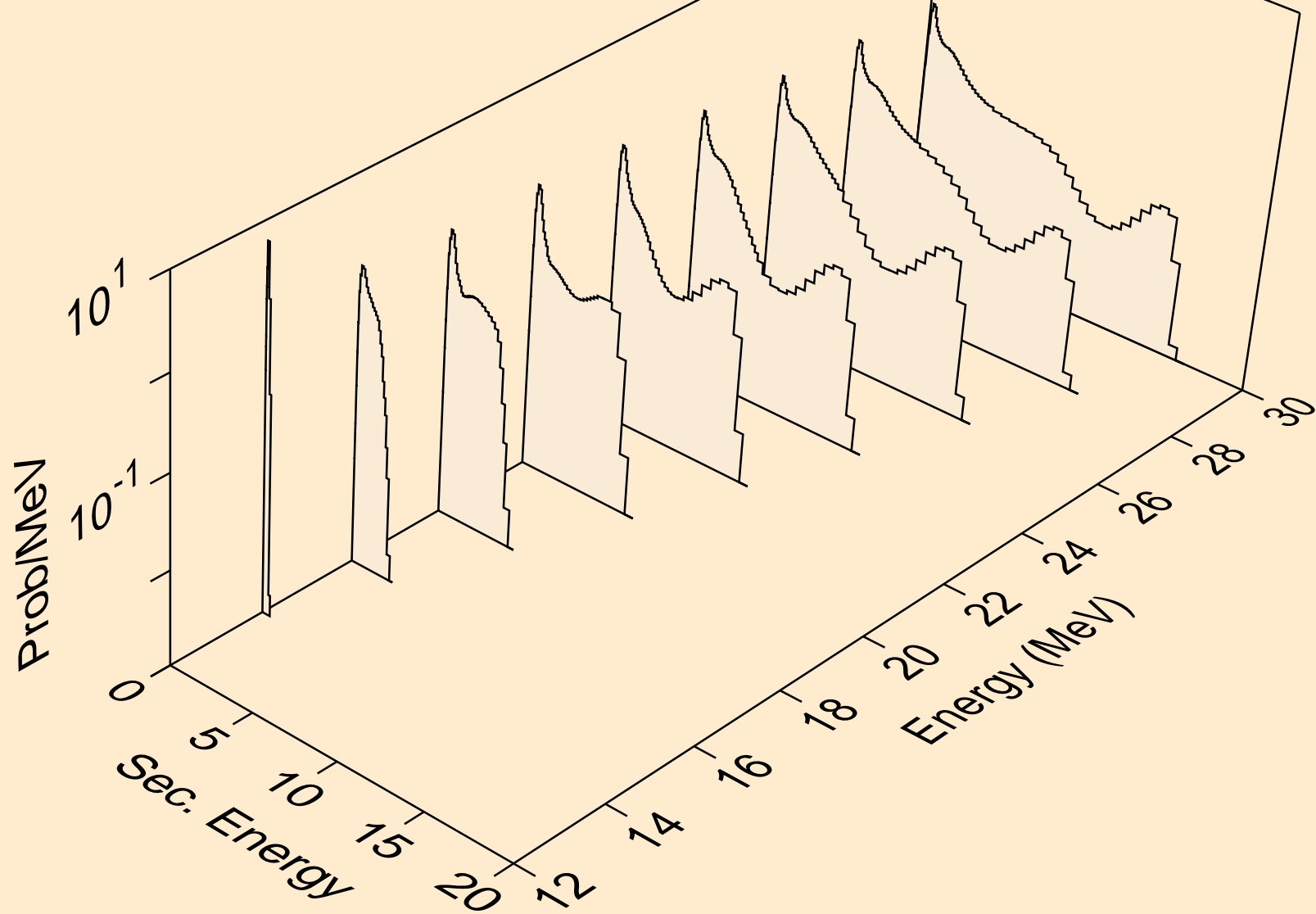
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



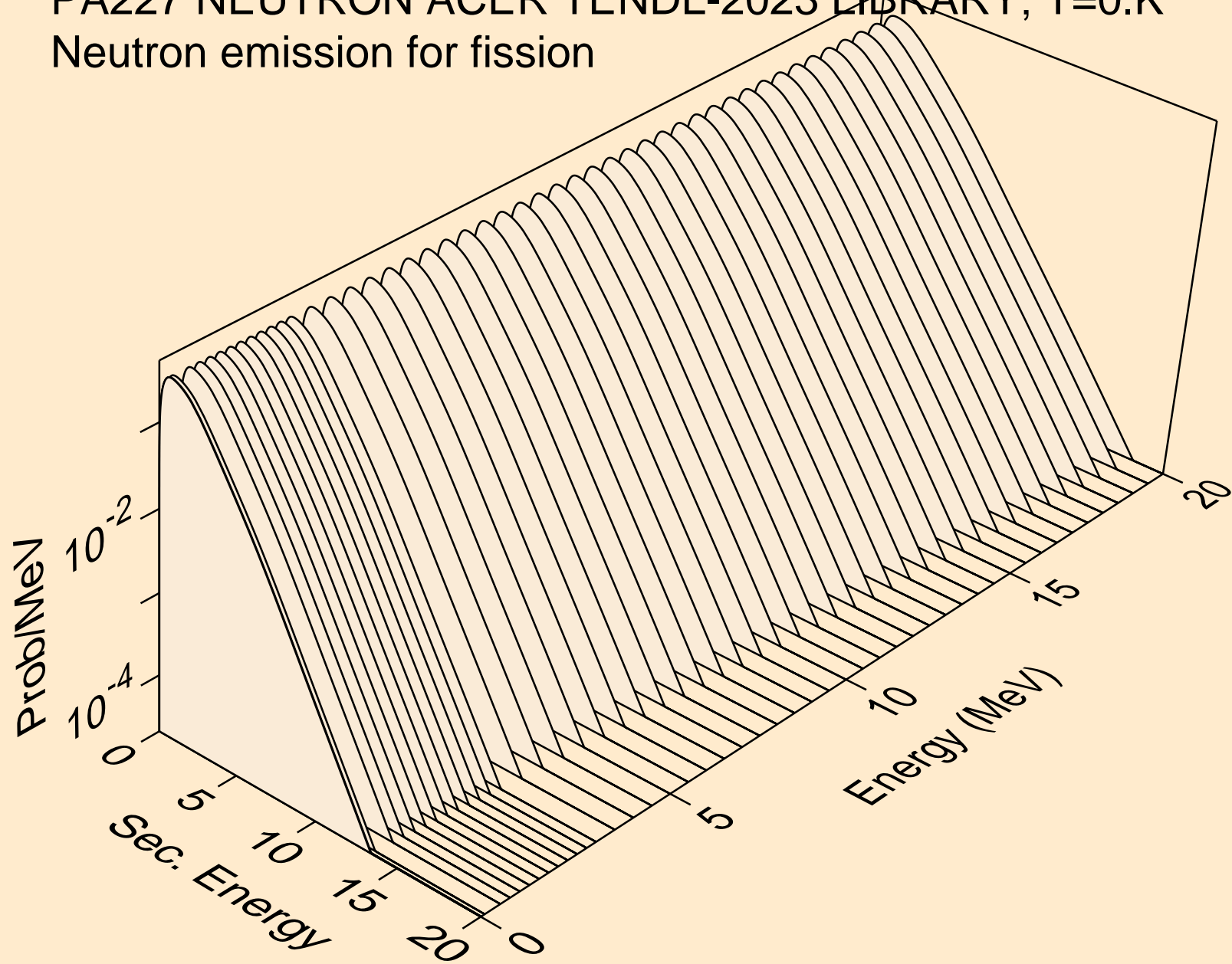
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



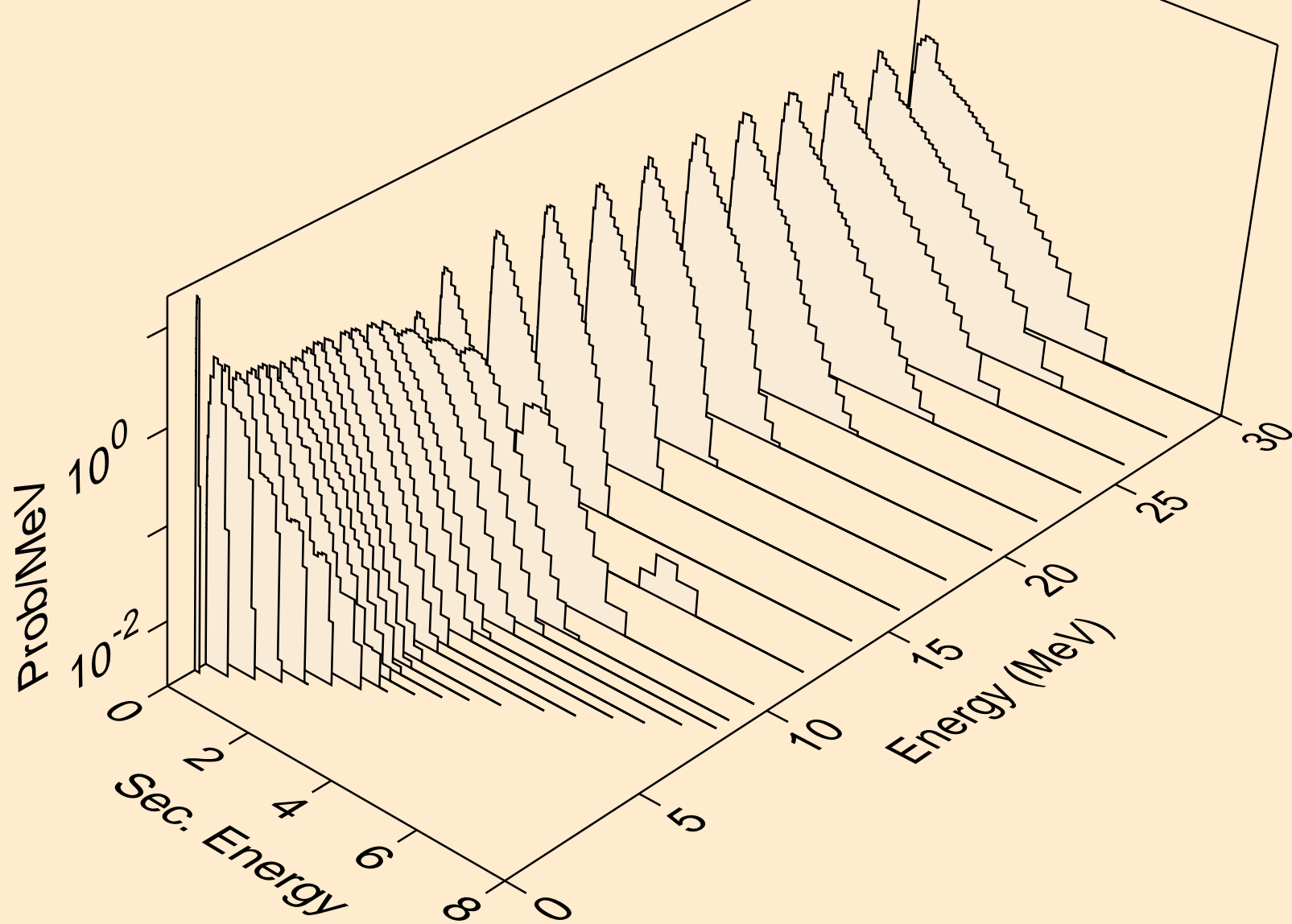
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



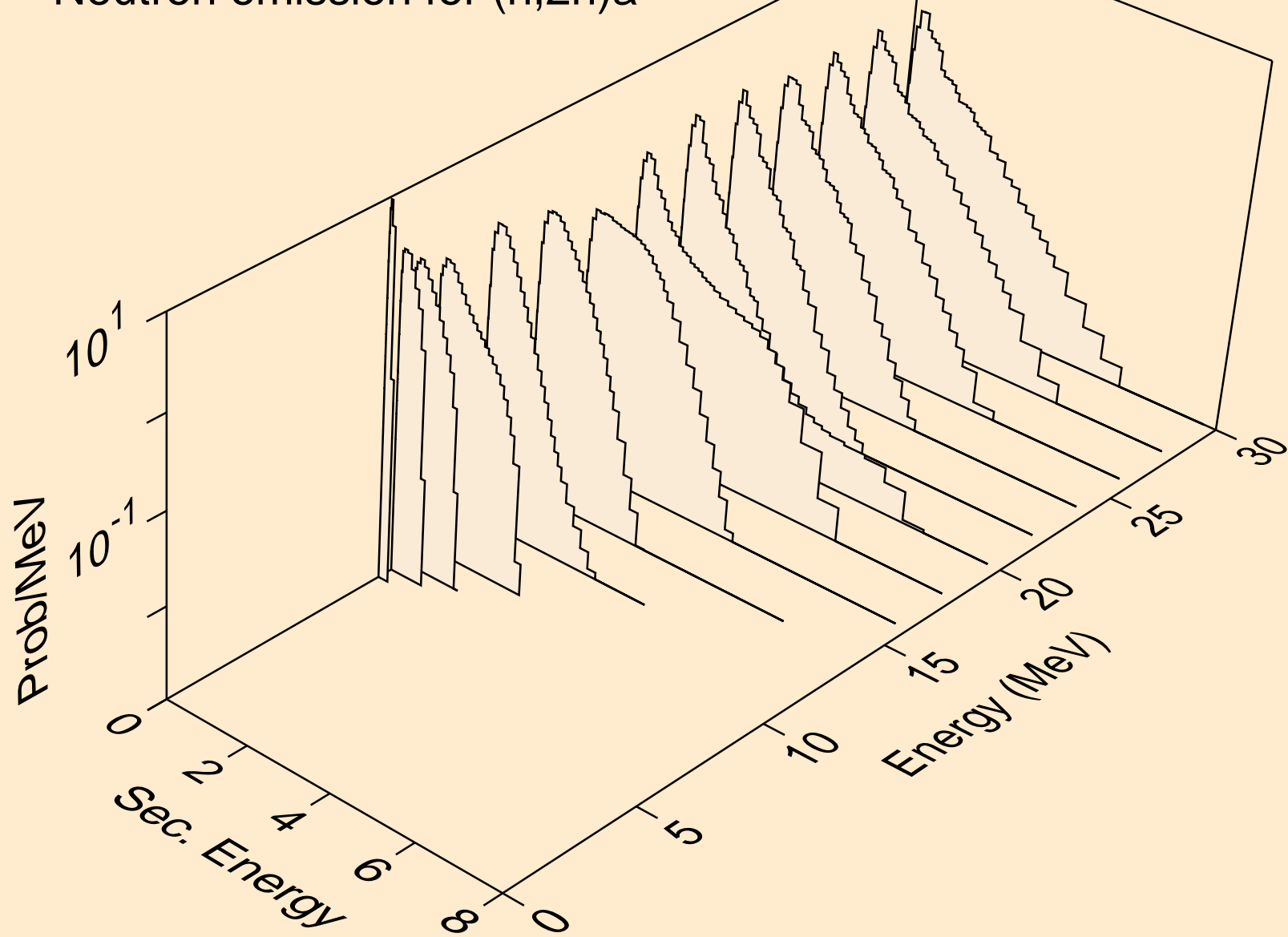
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



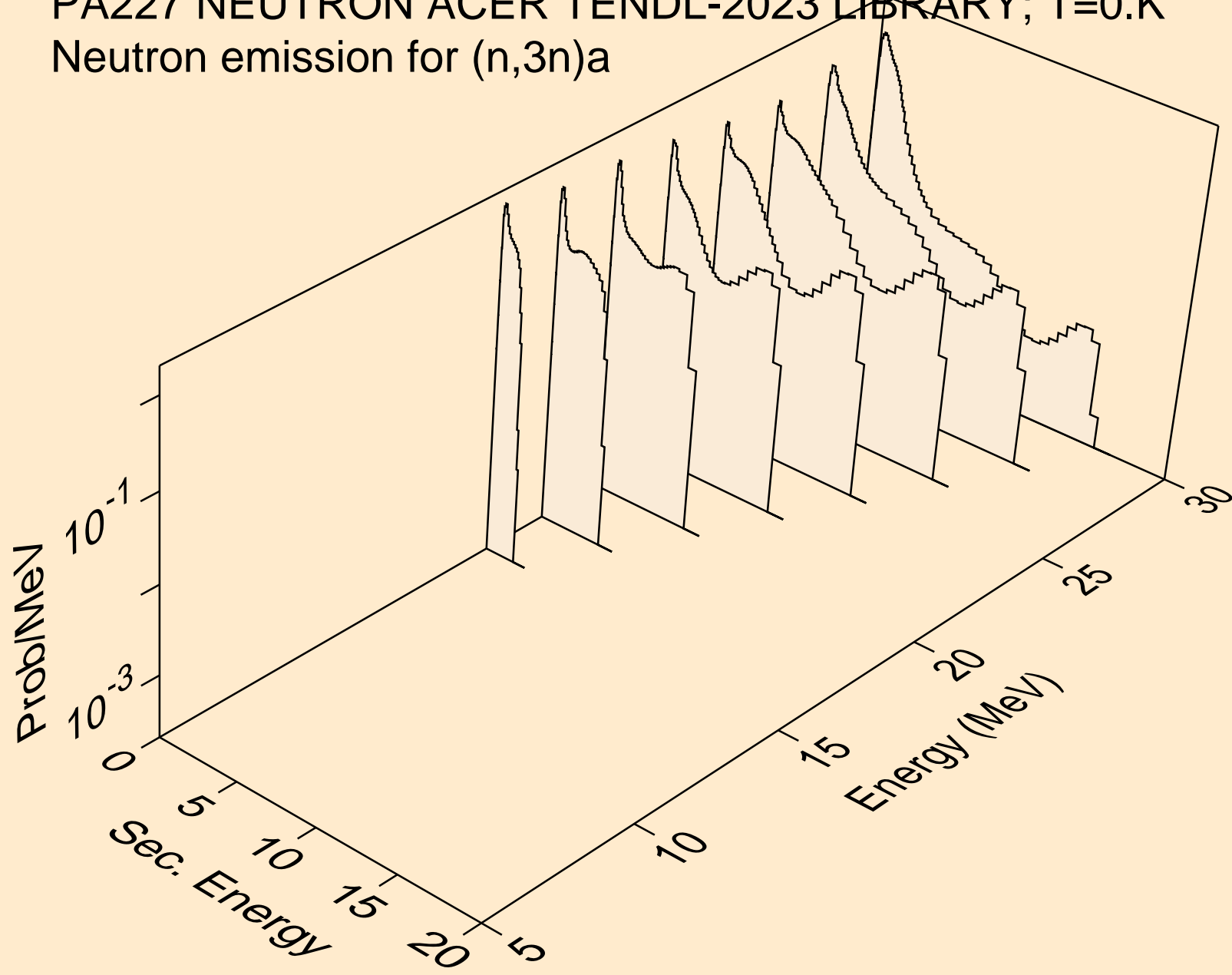
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



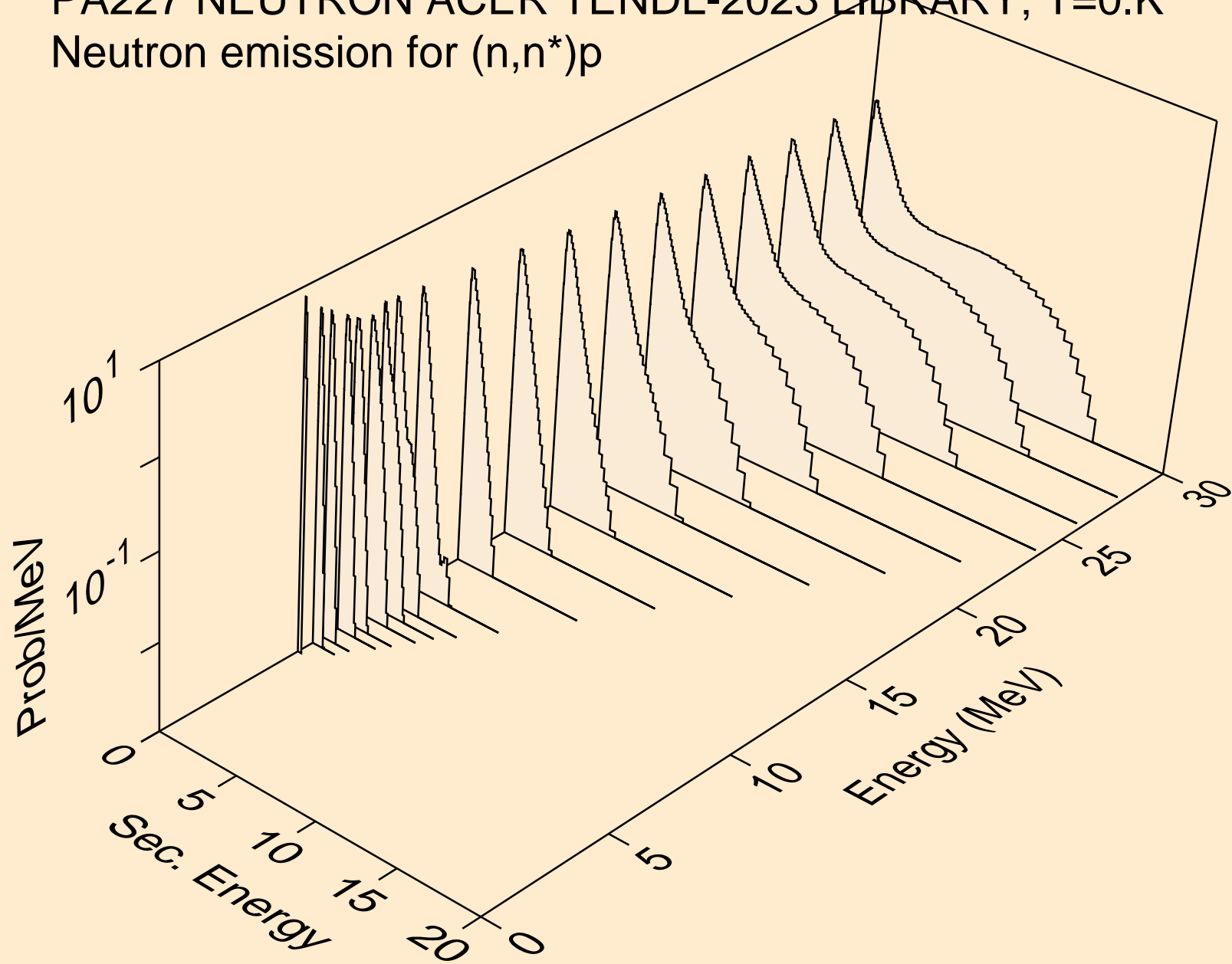
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



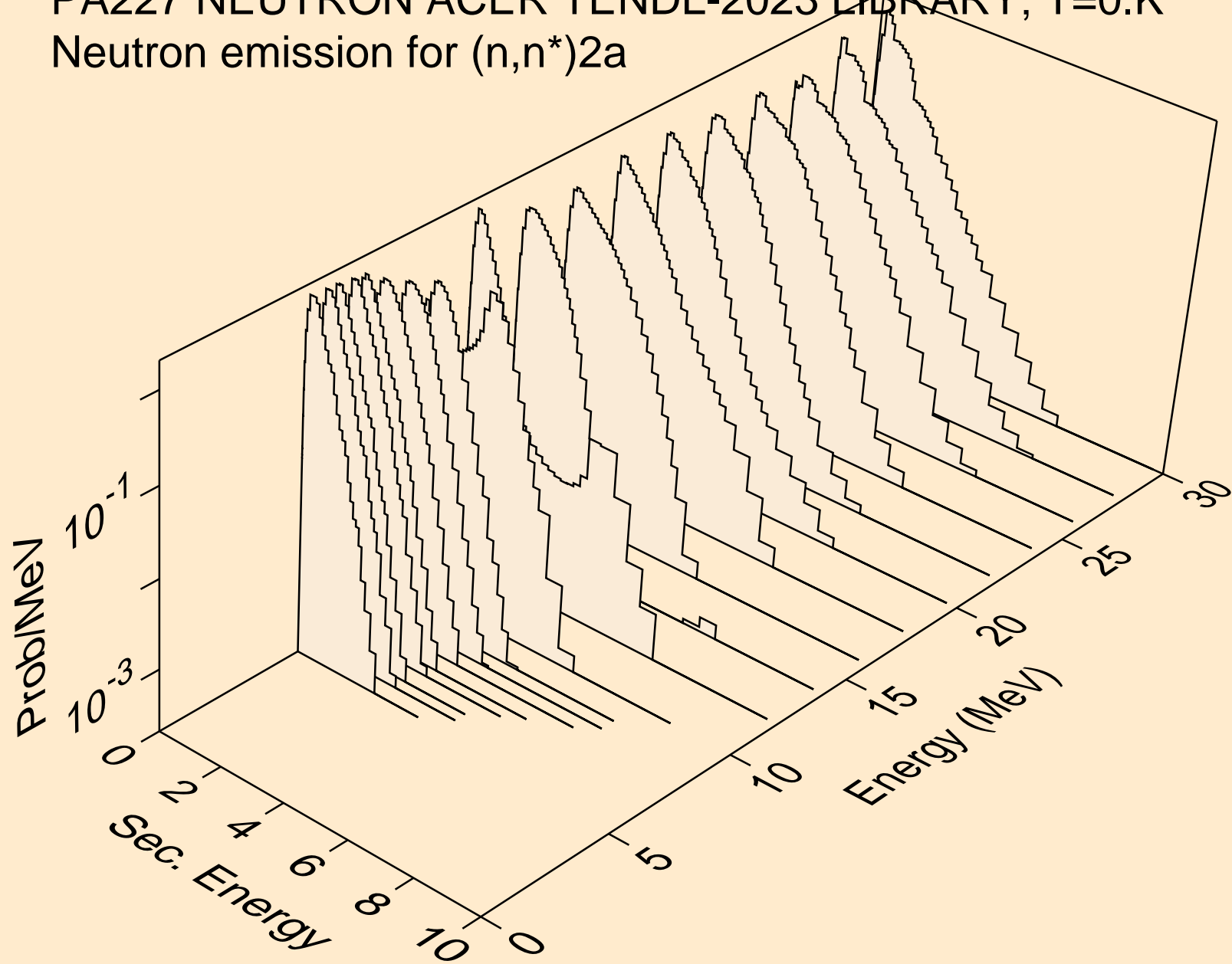
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



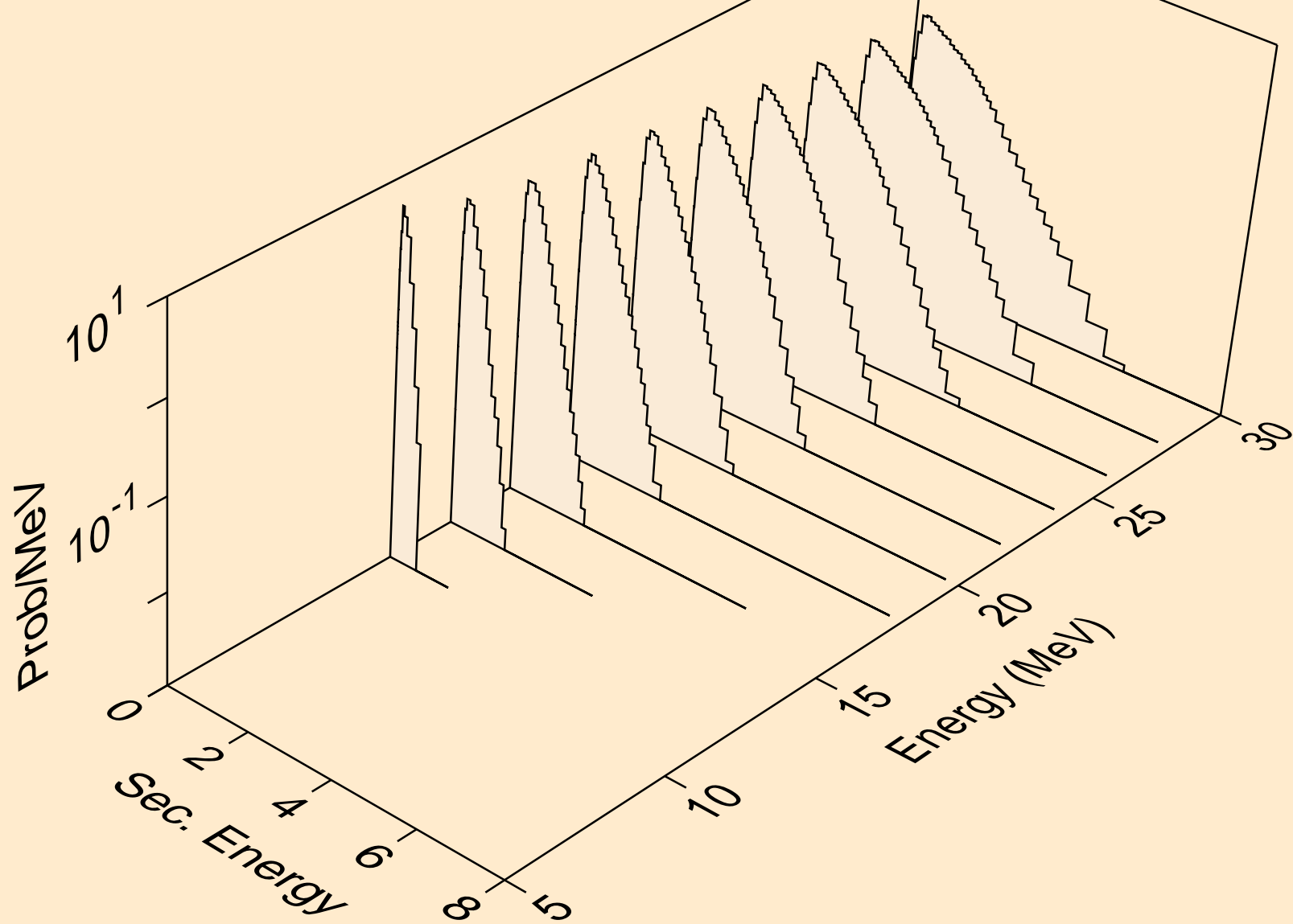
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



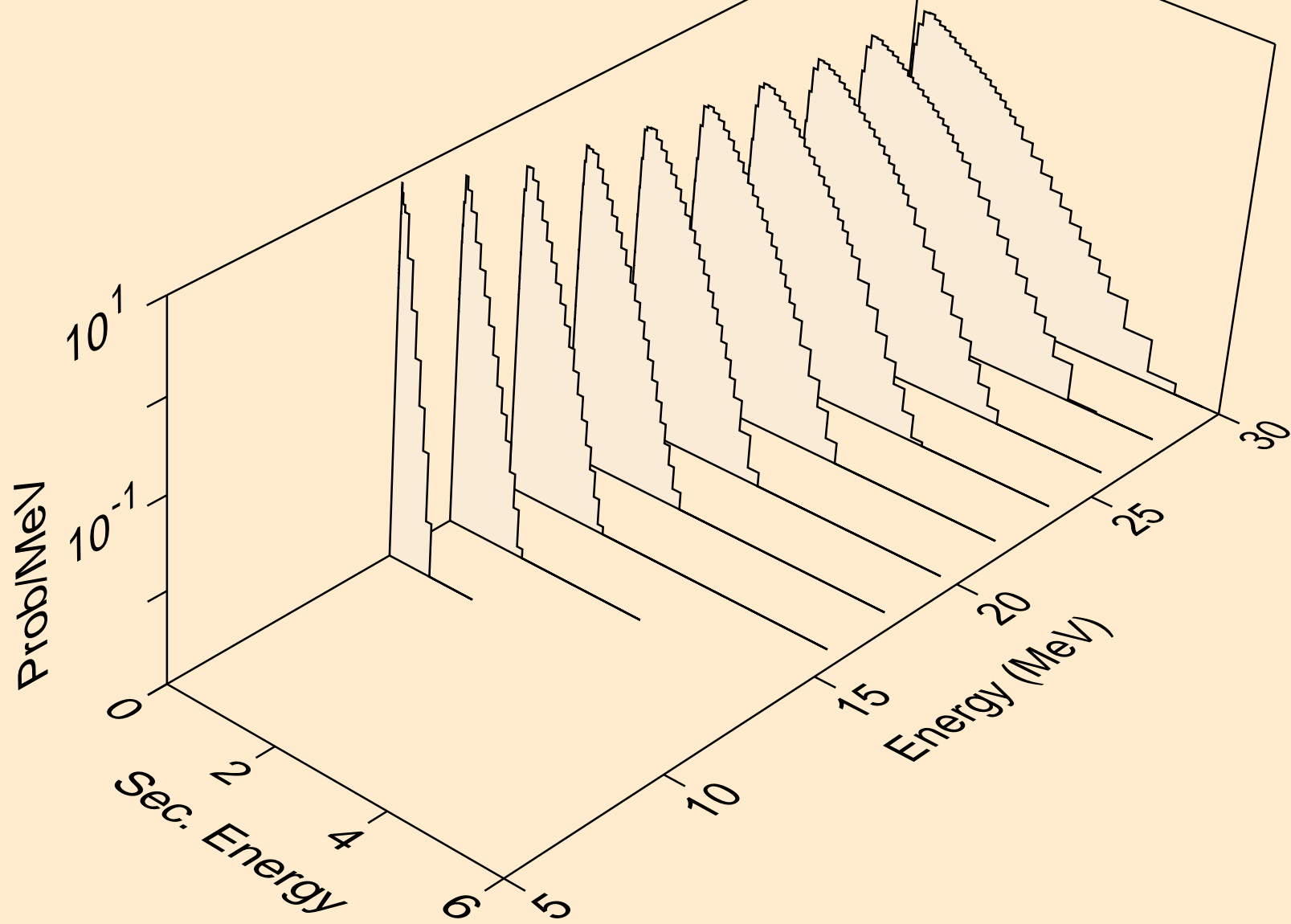
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



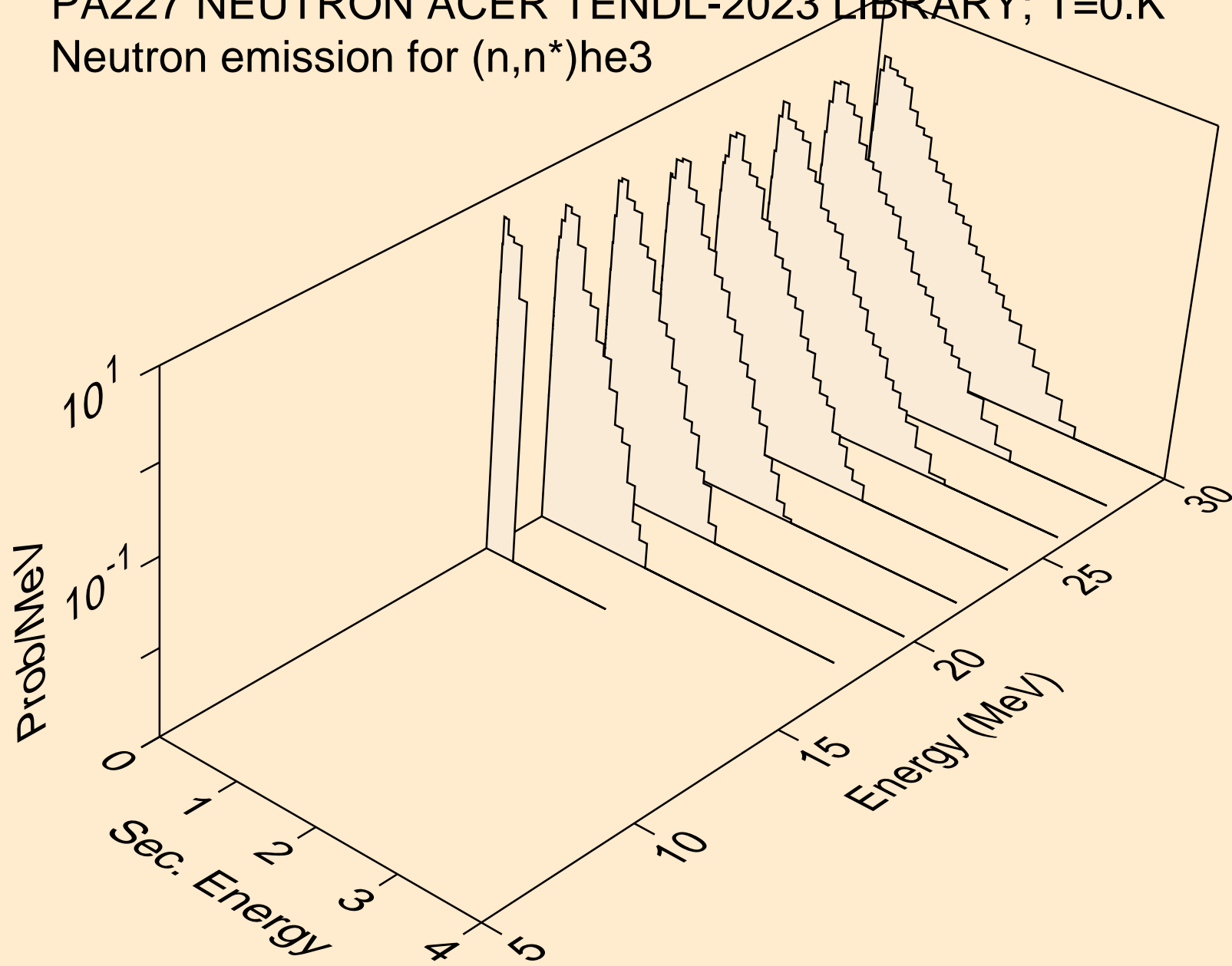
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



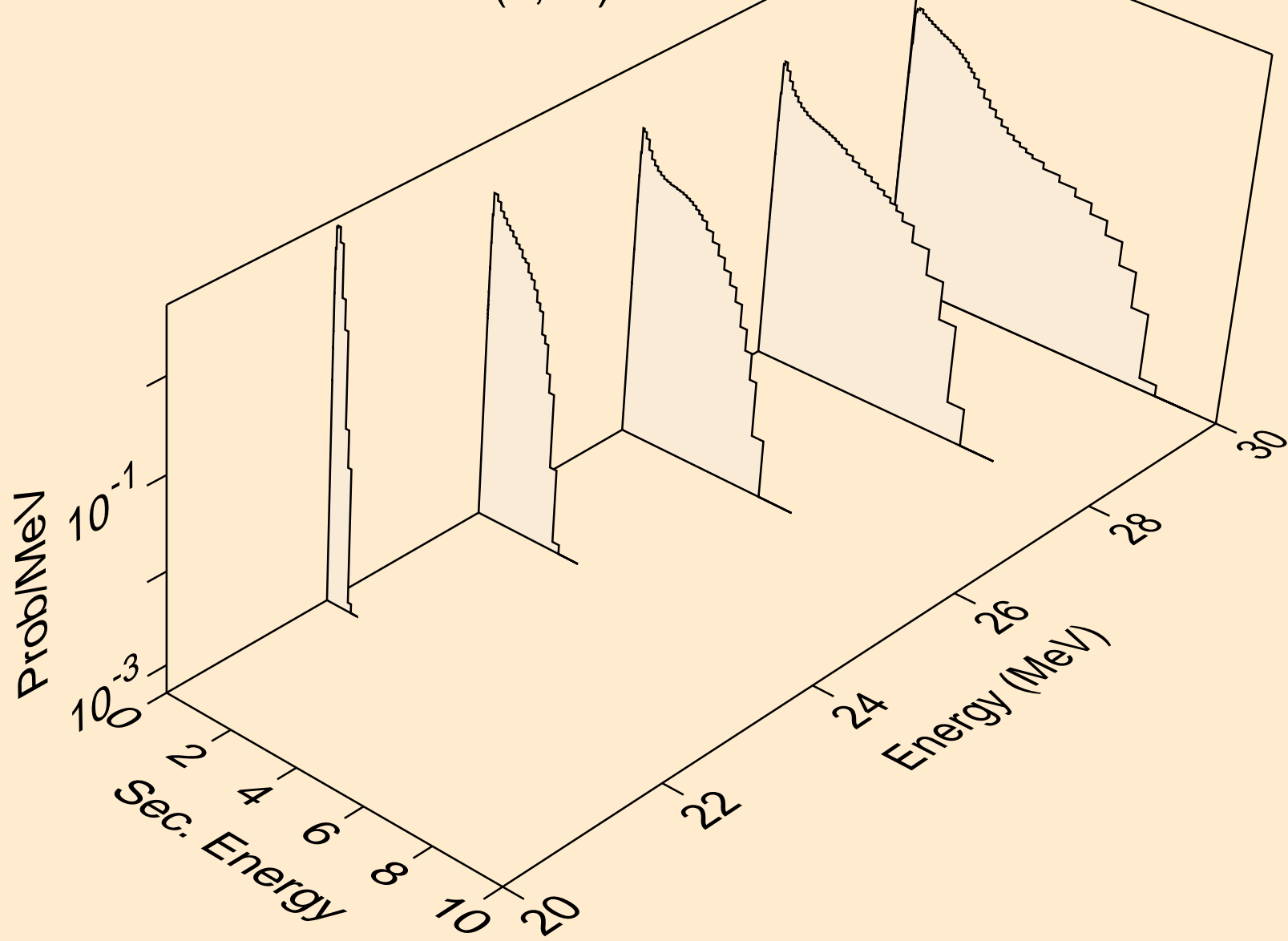
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



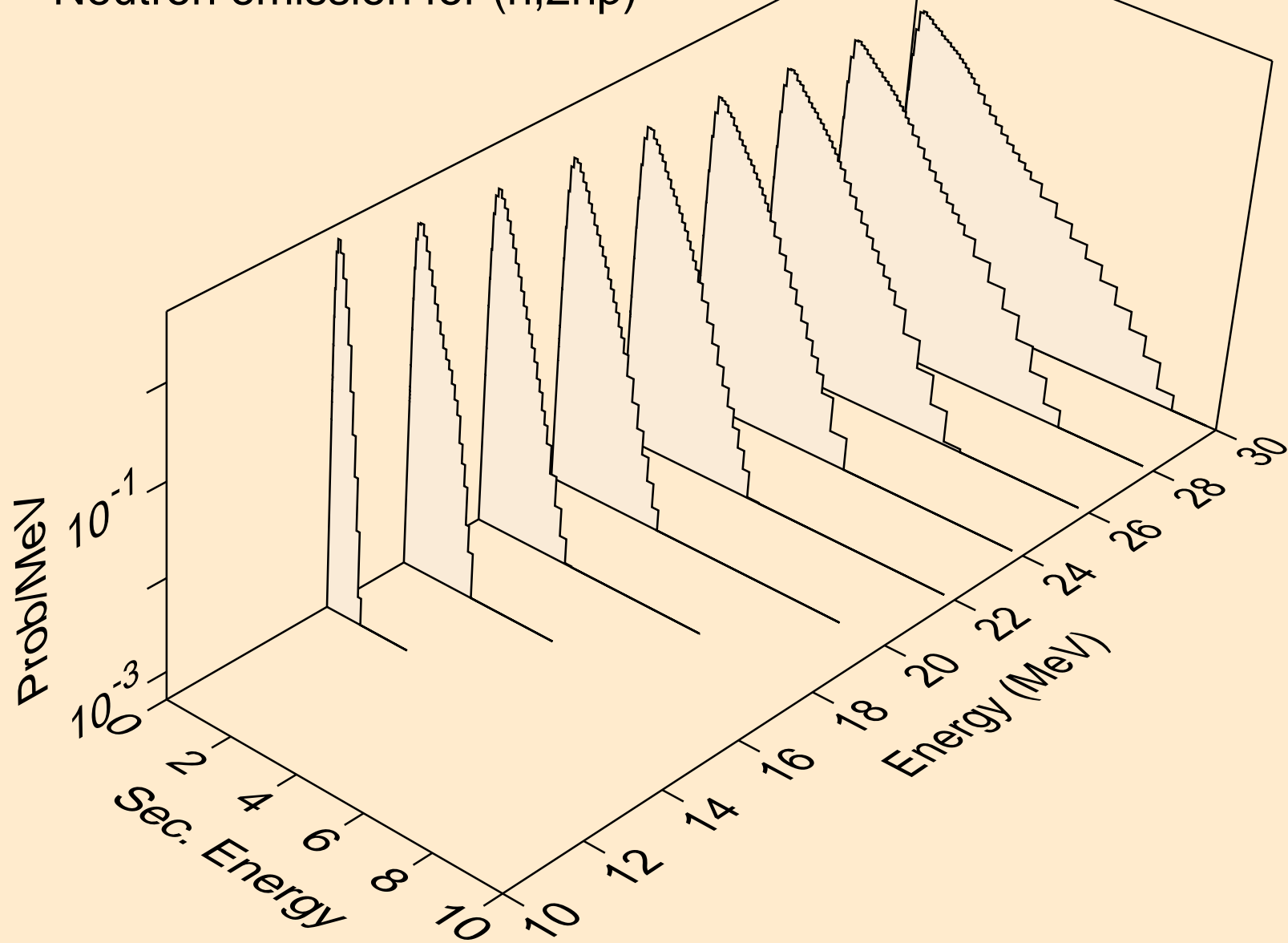
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



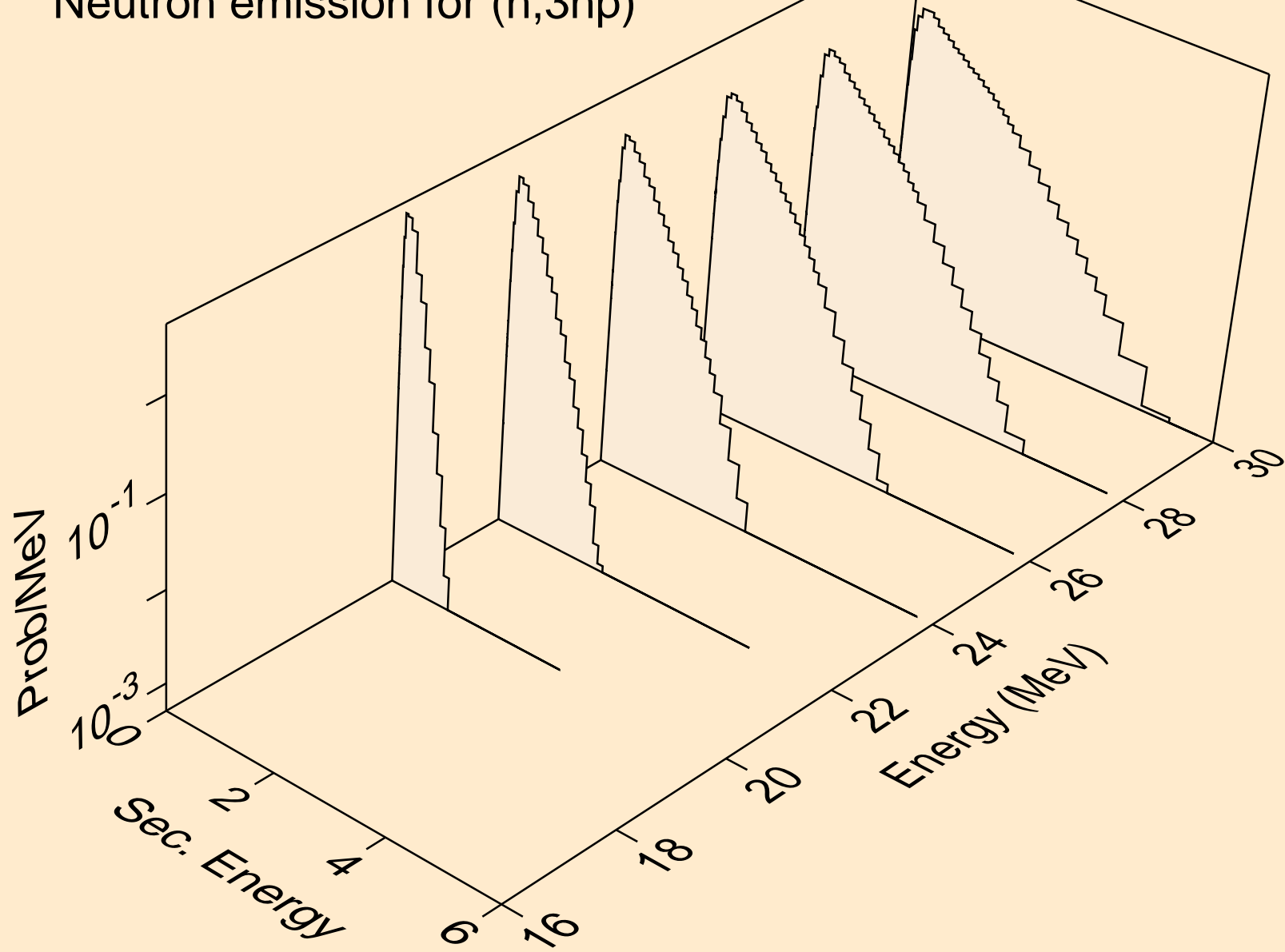
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



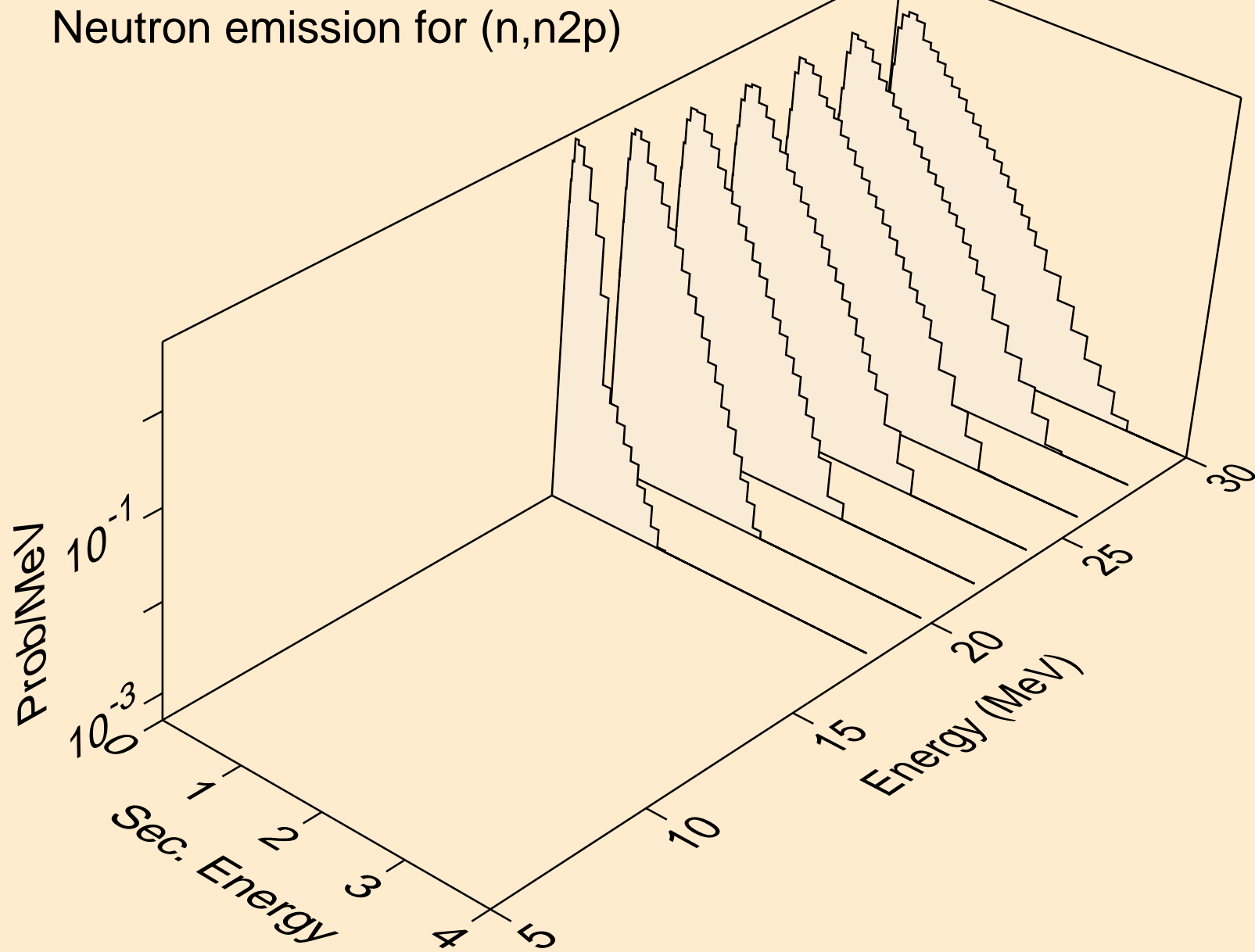
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



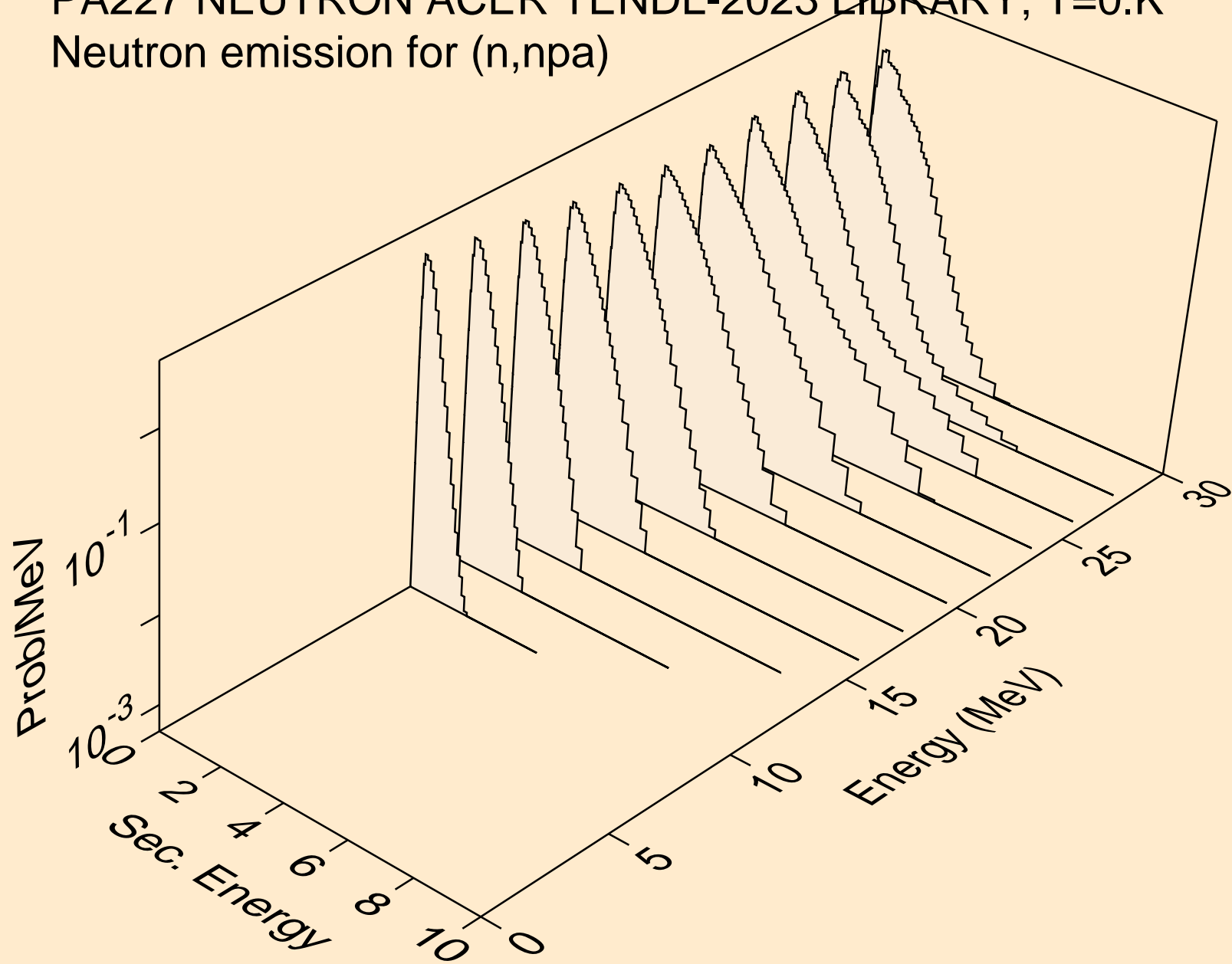
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



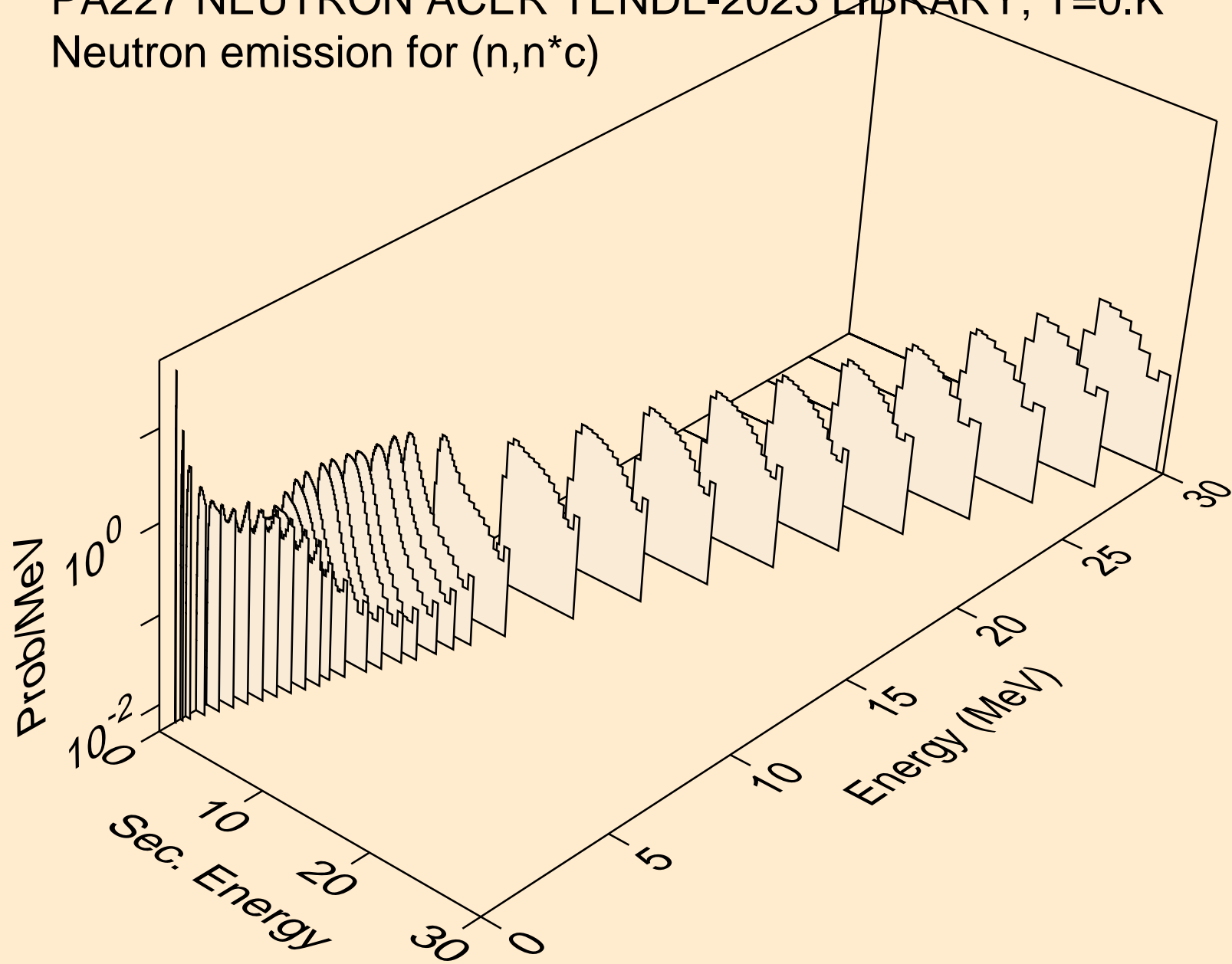
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)

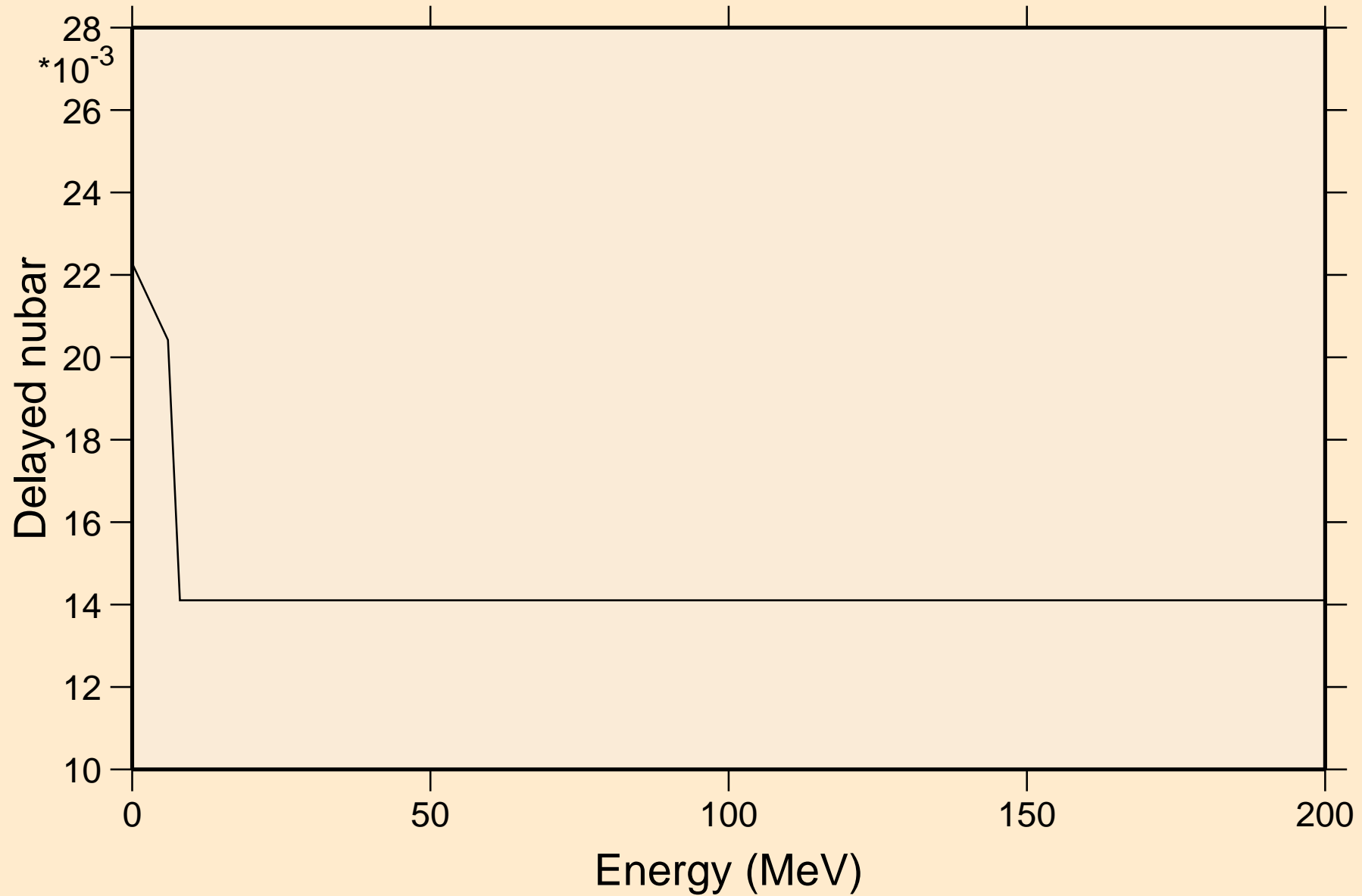


PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



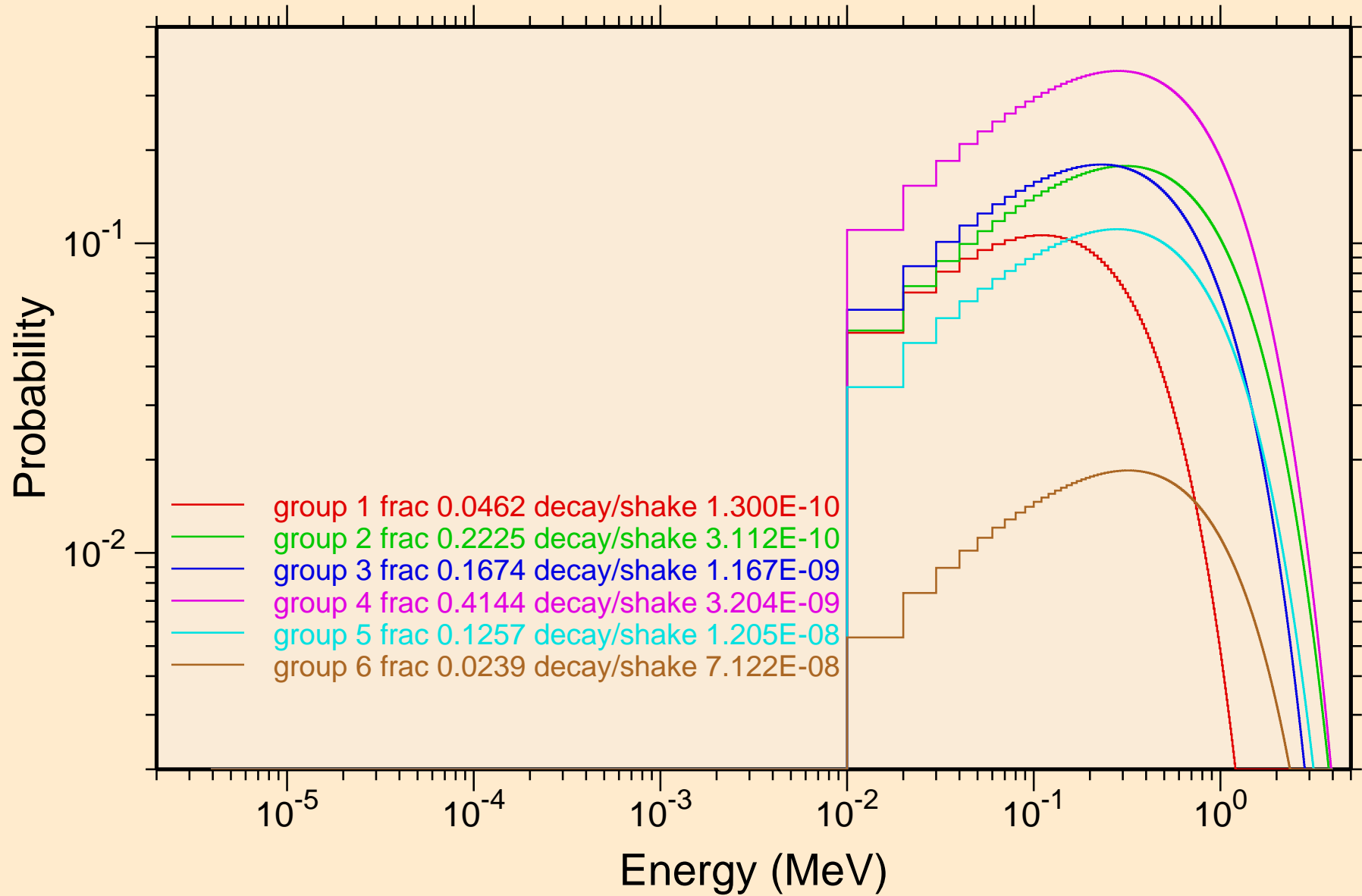
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Delayed nubar

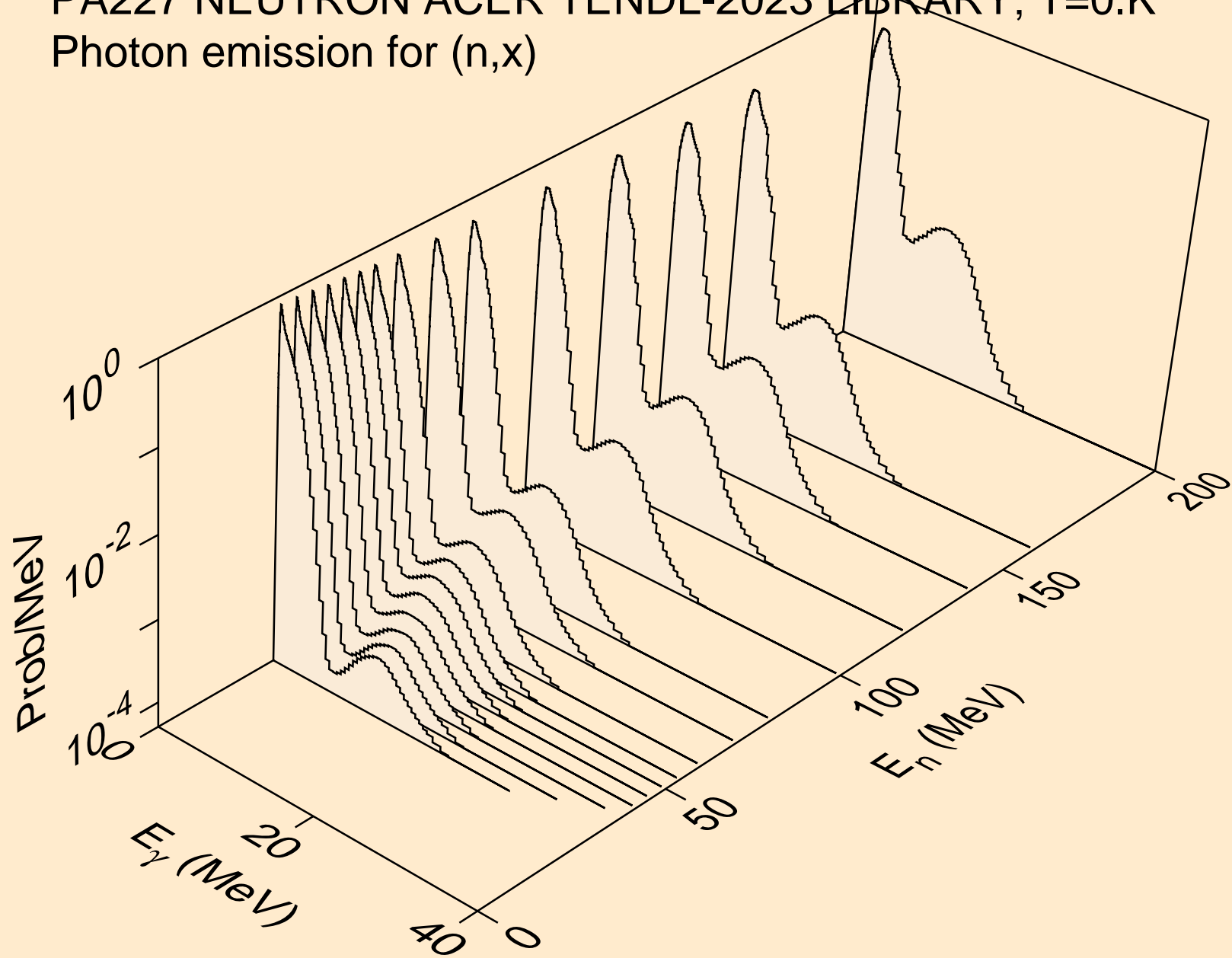


PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

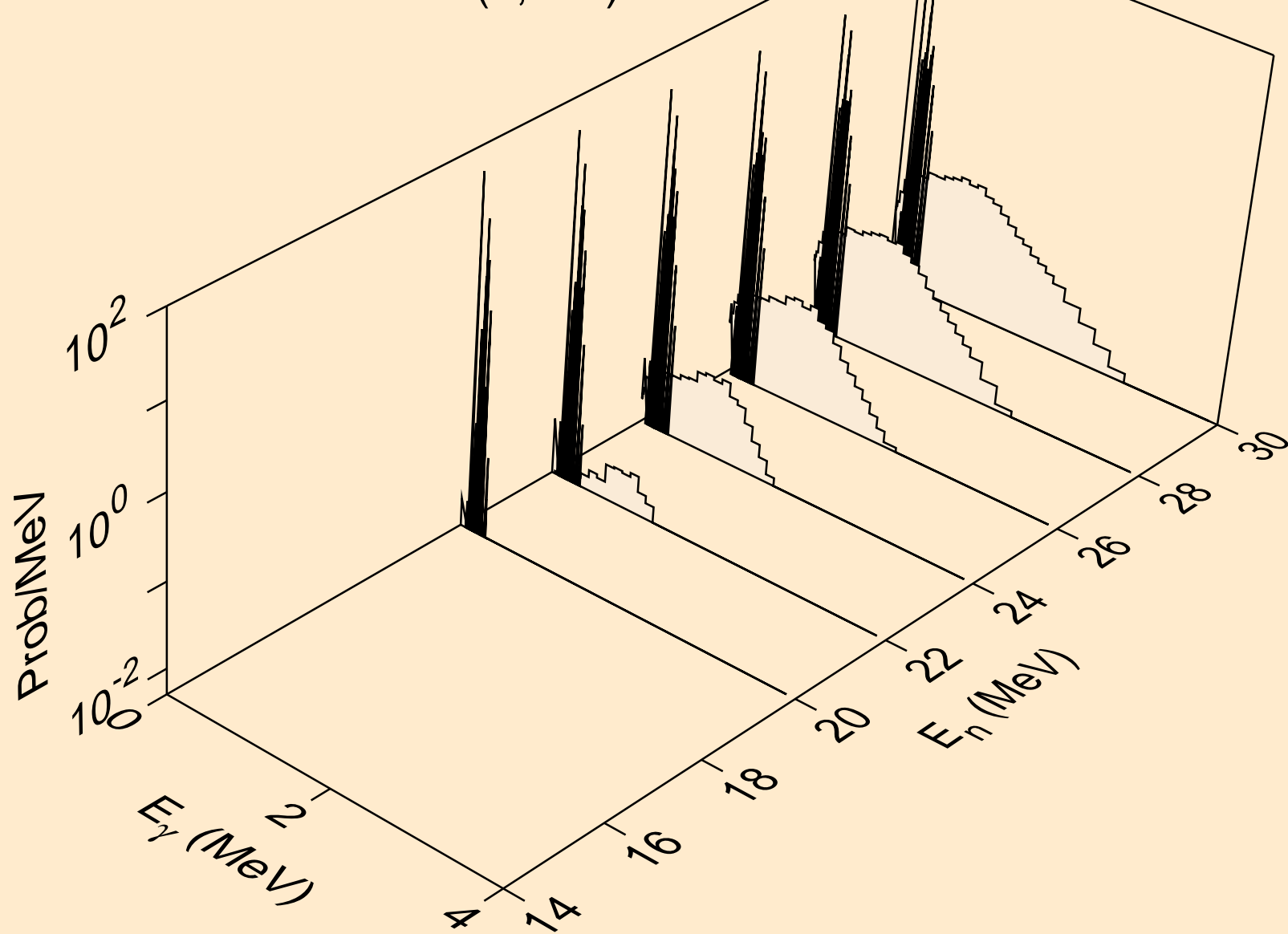
Delayed neutron spectra



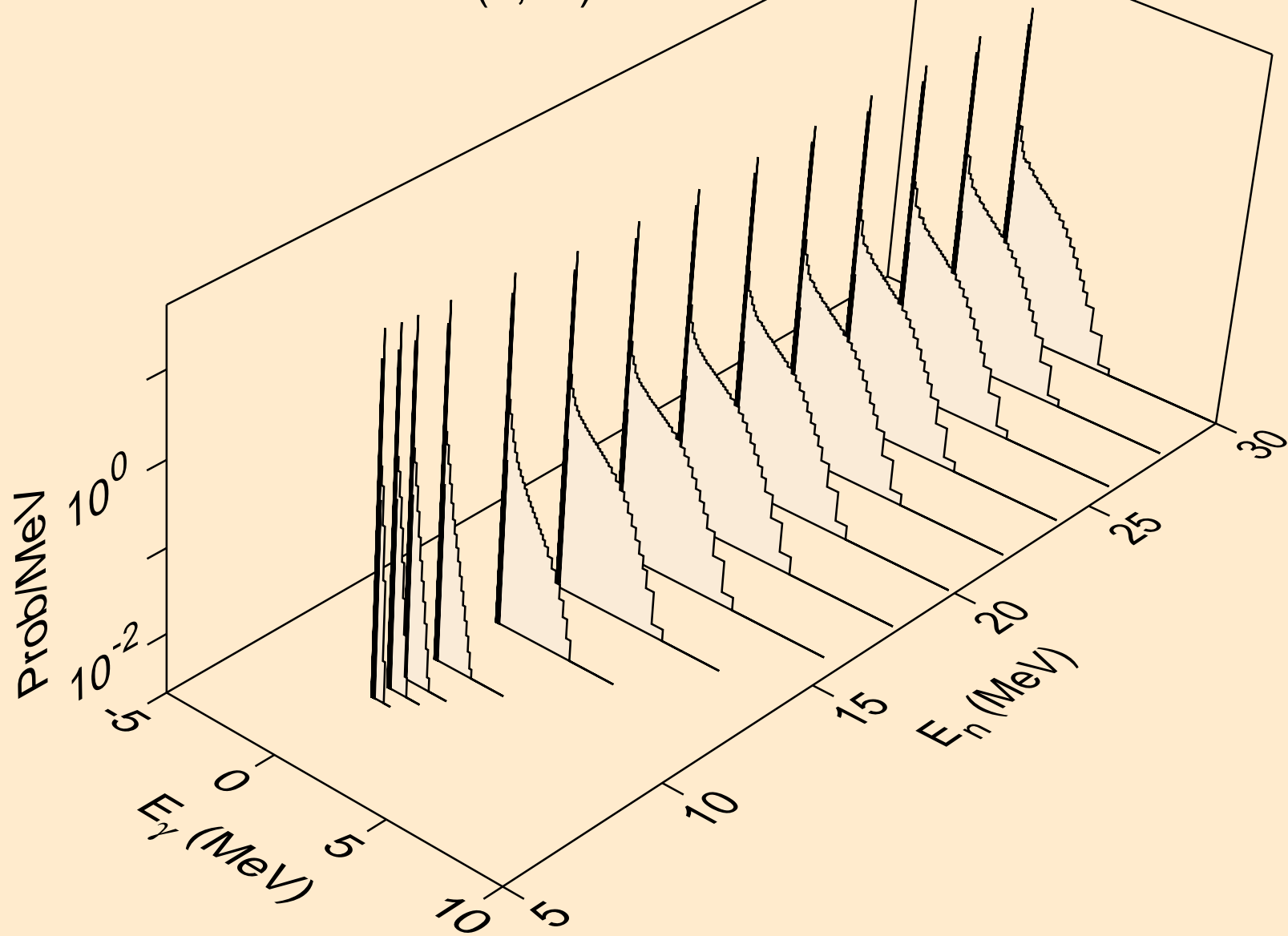
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



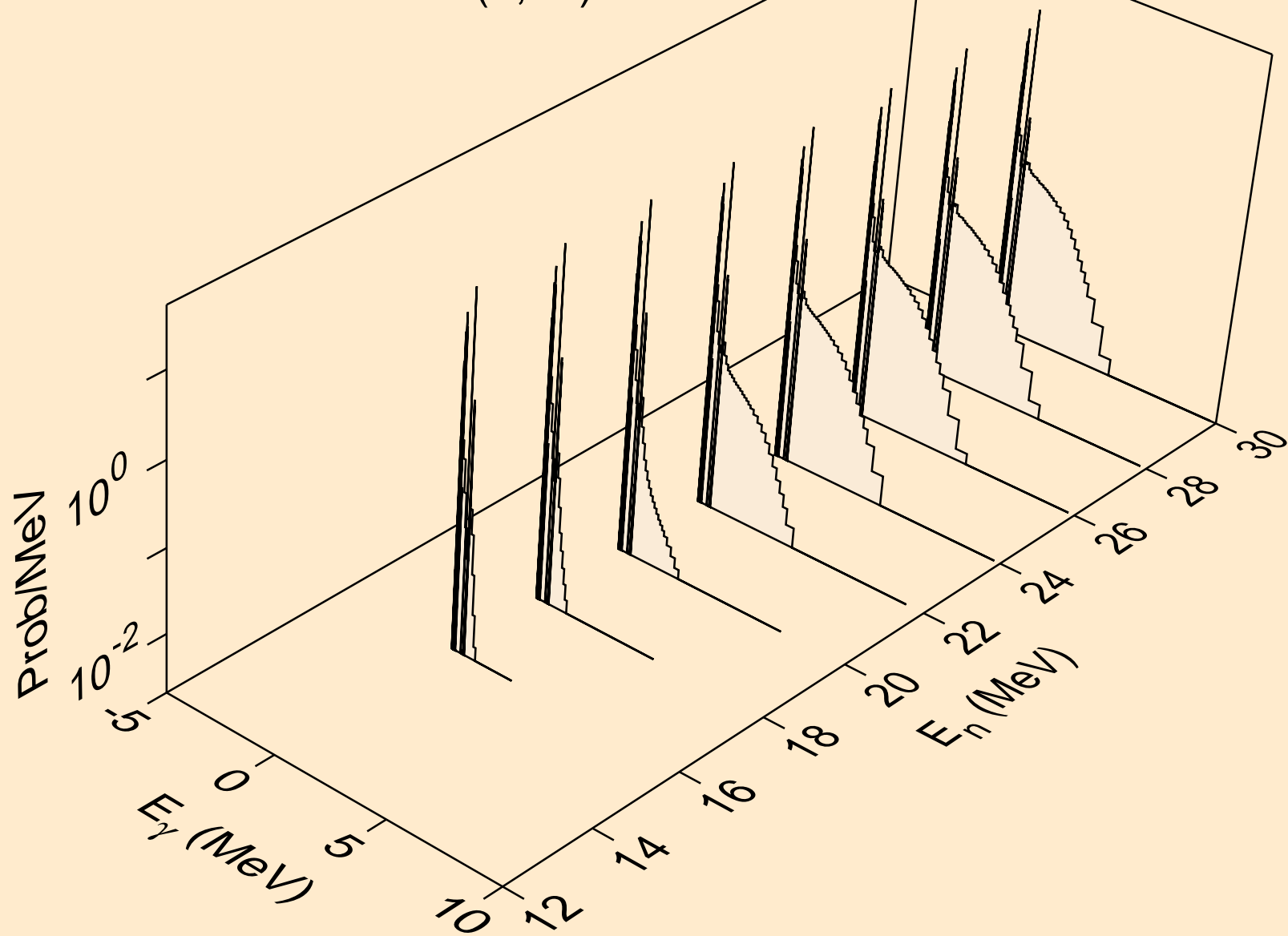
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



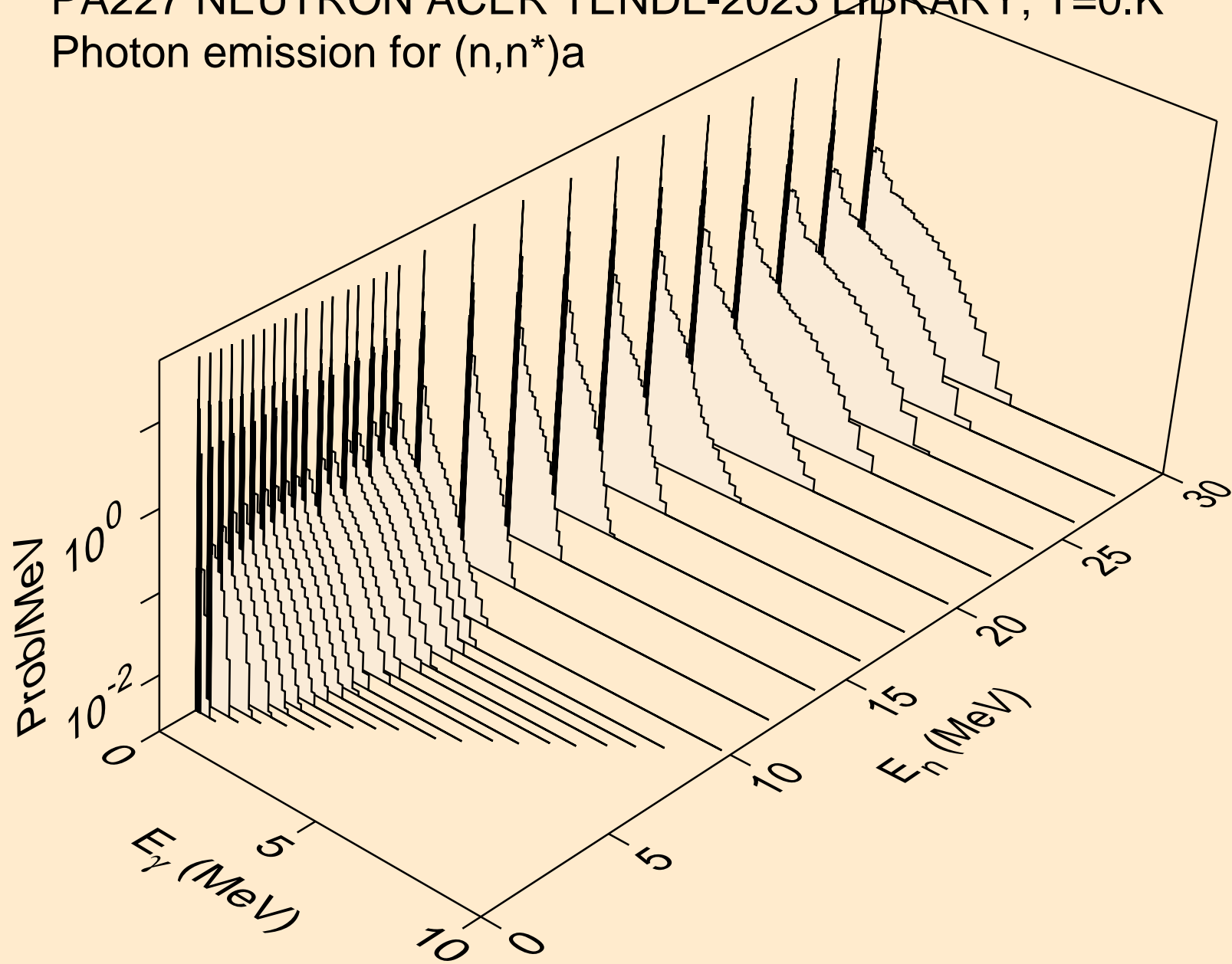
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



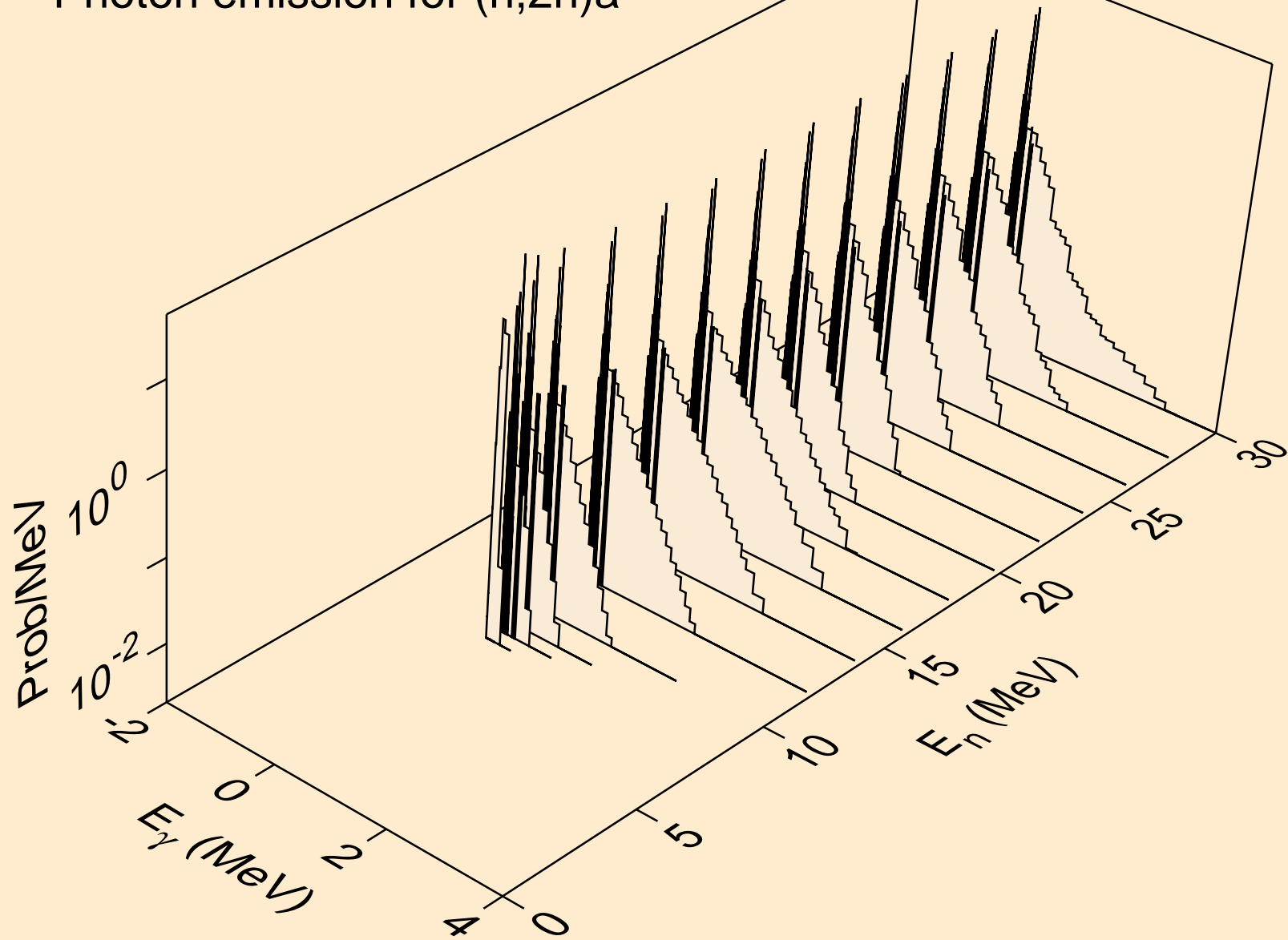
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



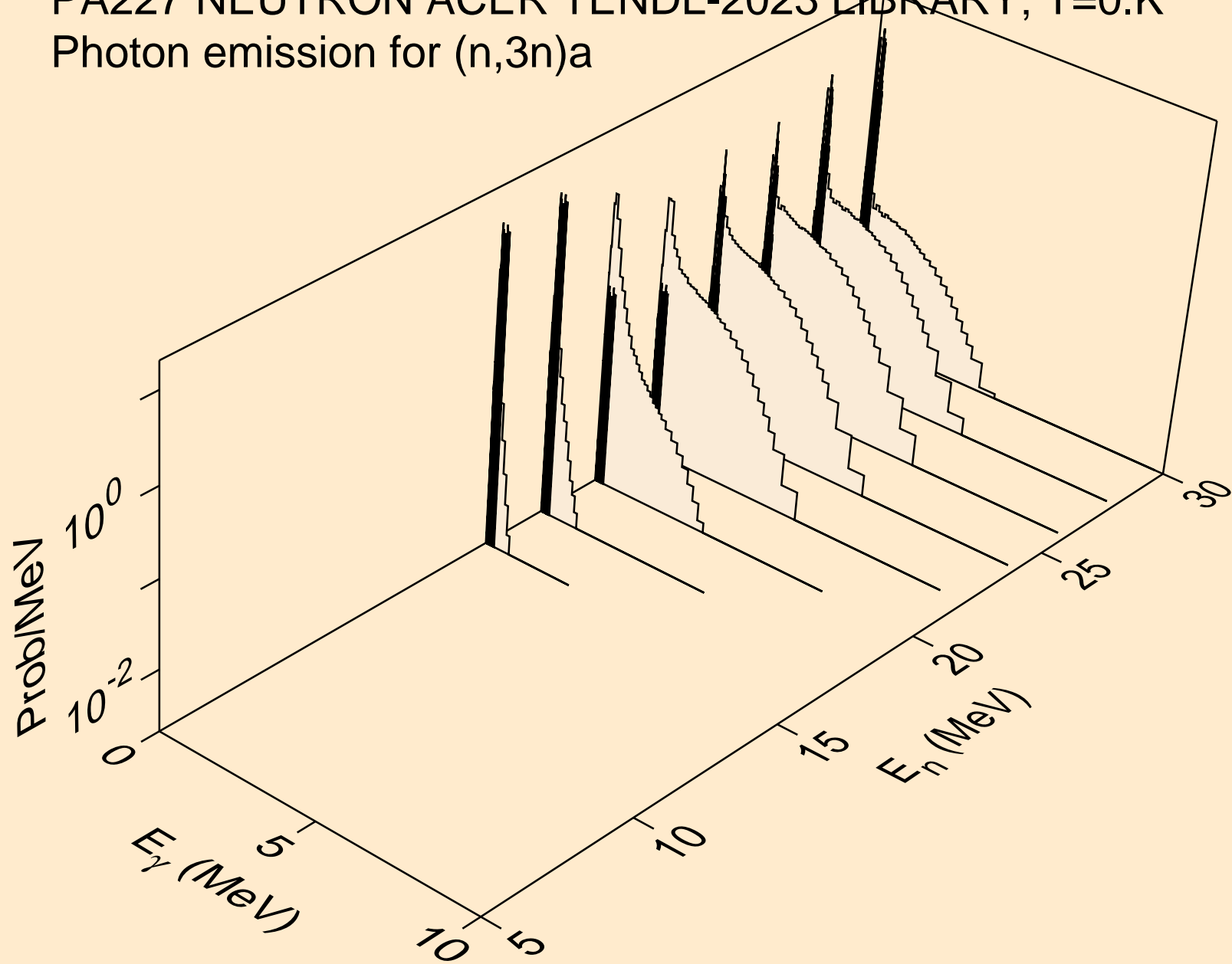
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



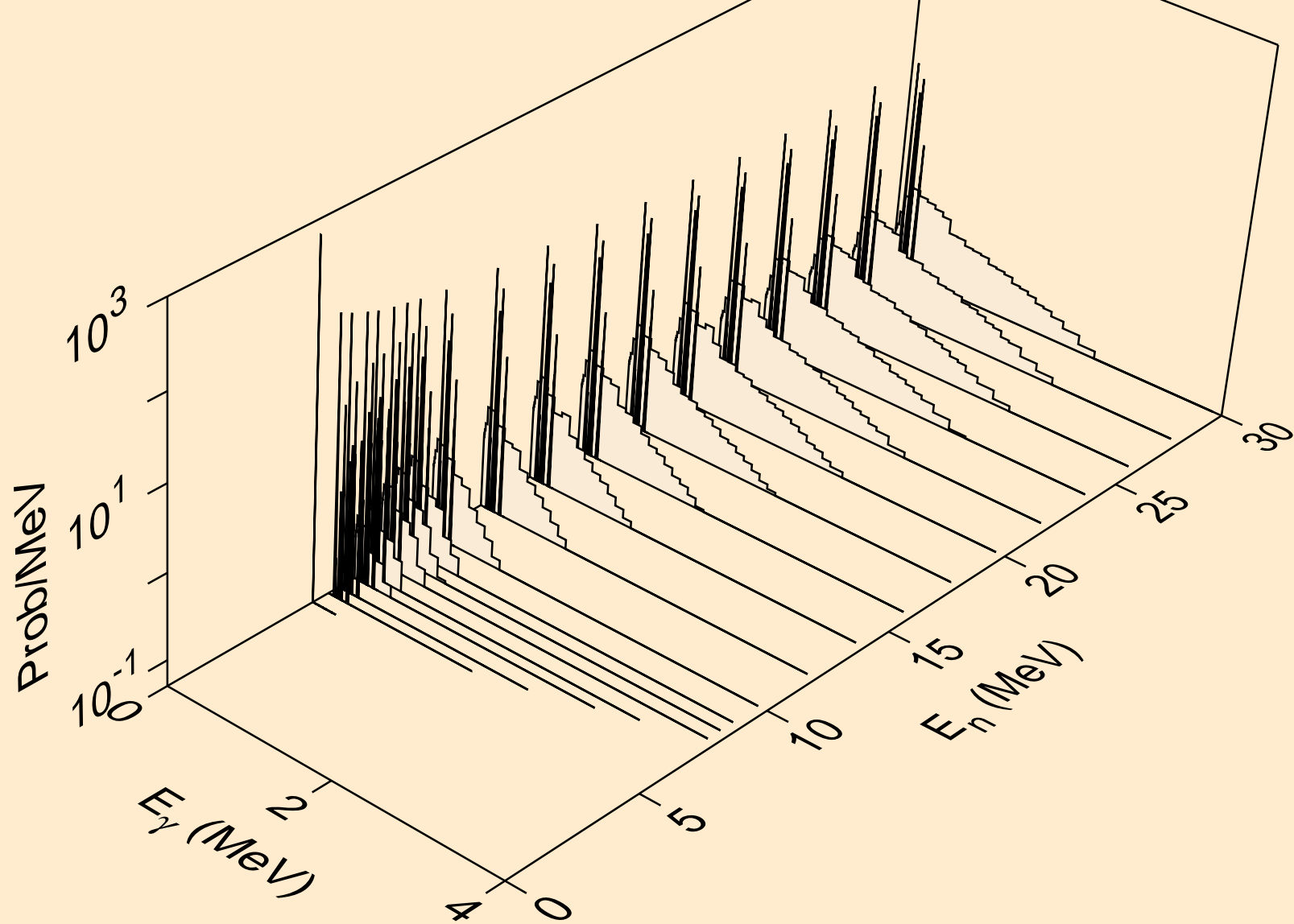
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



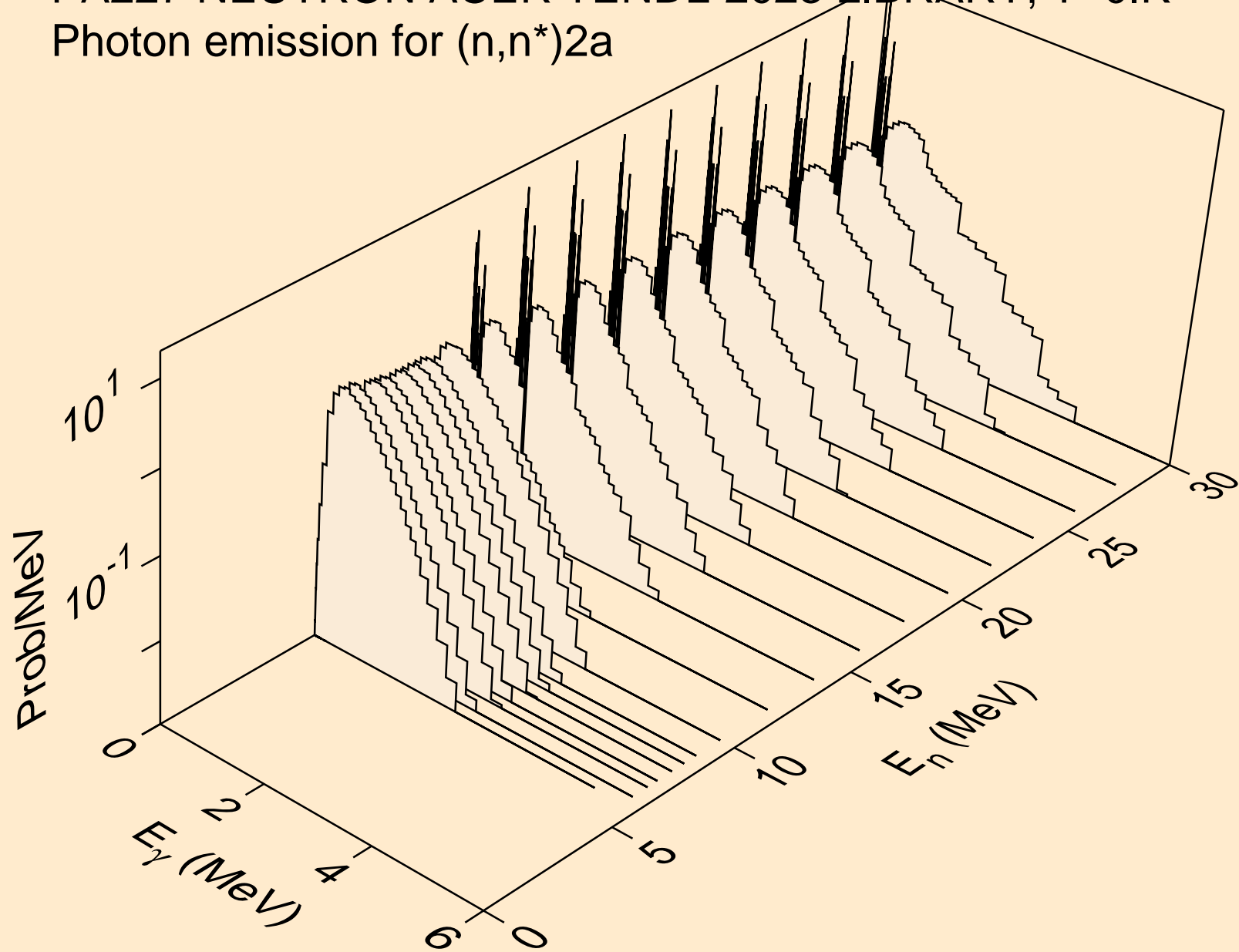
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



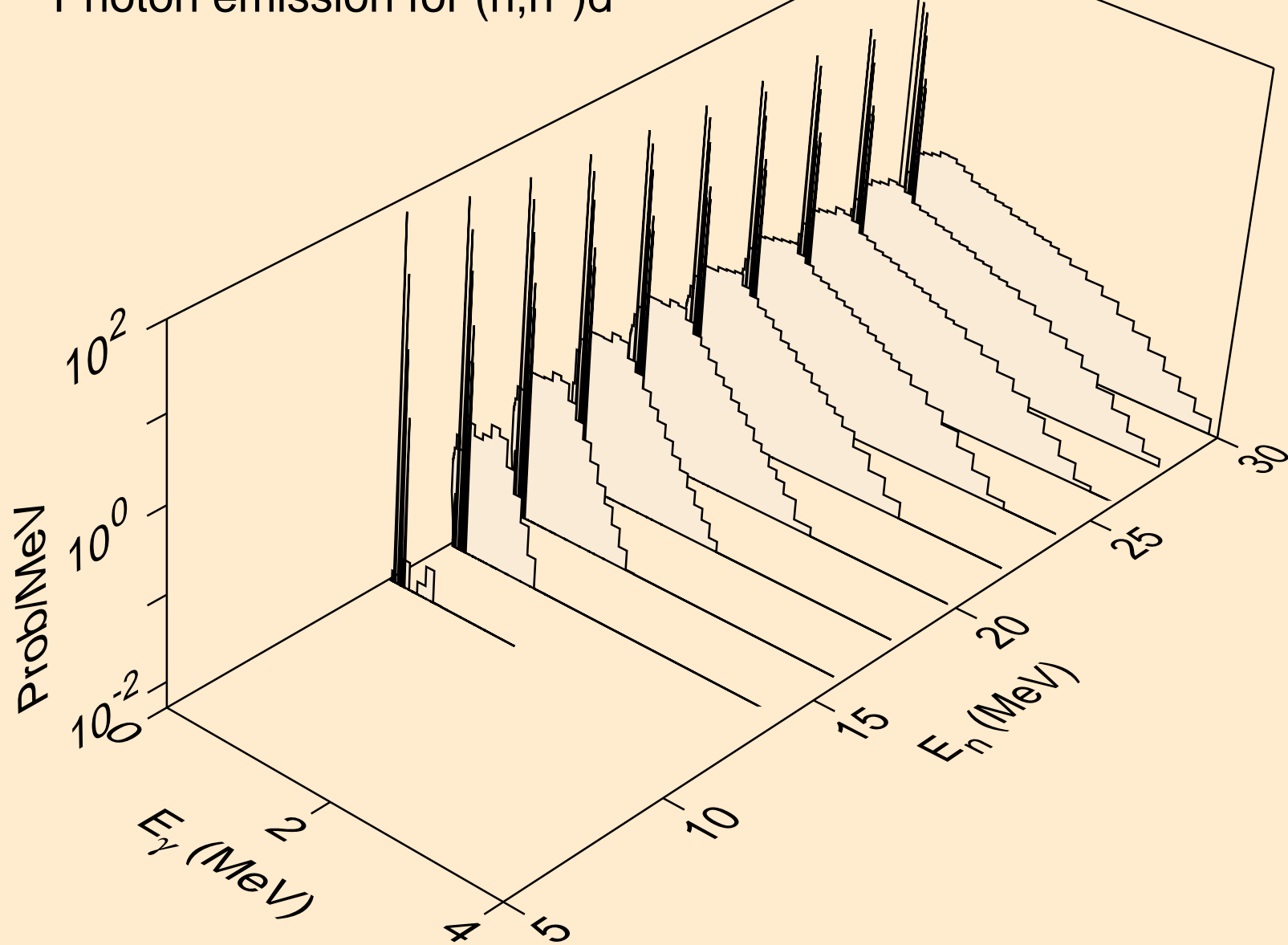
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



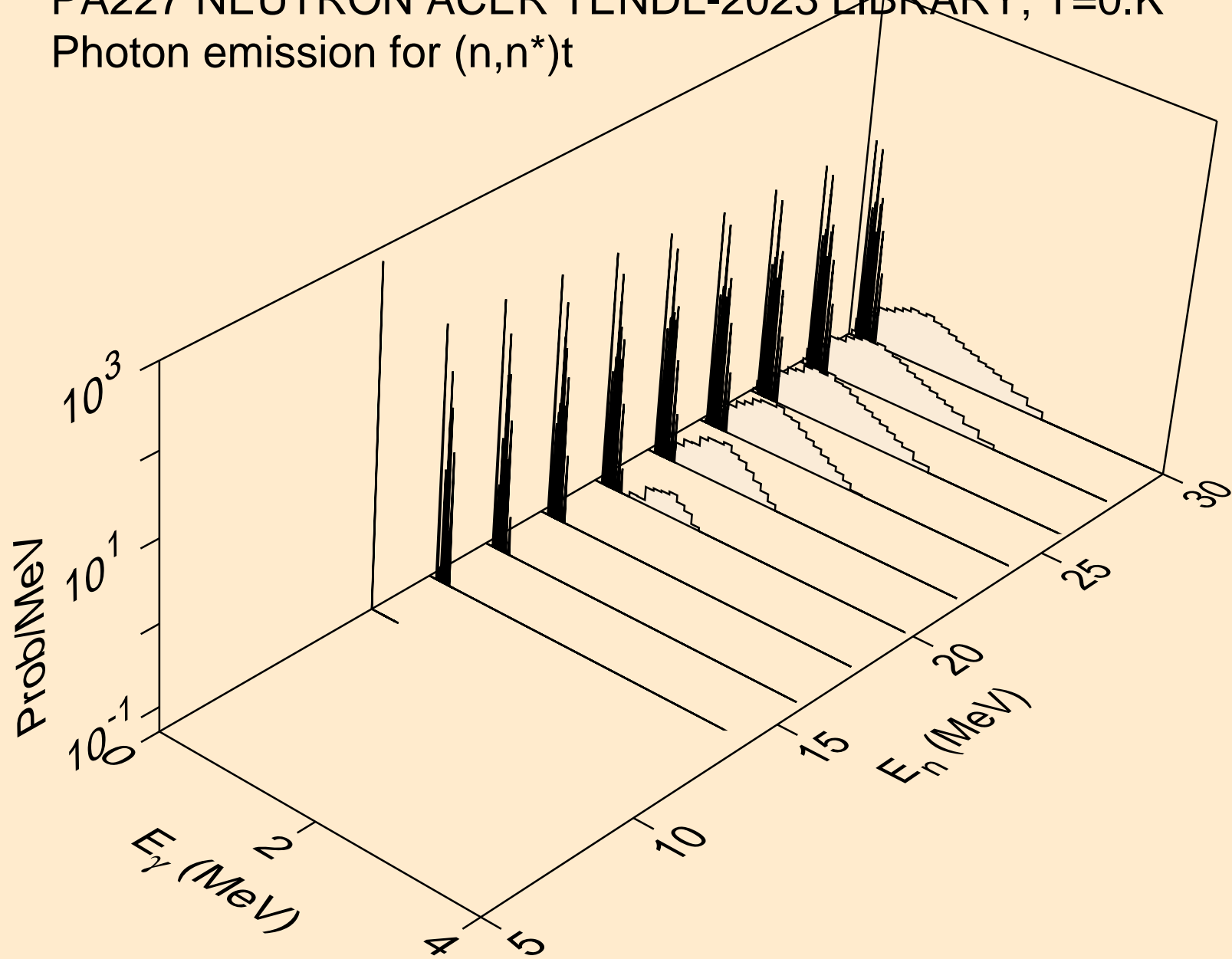
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



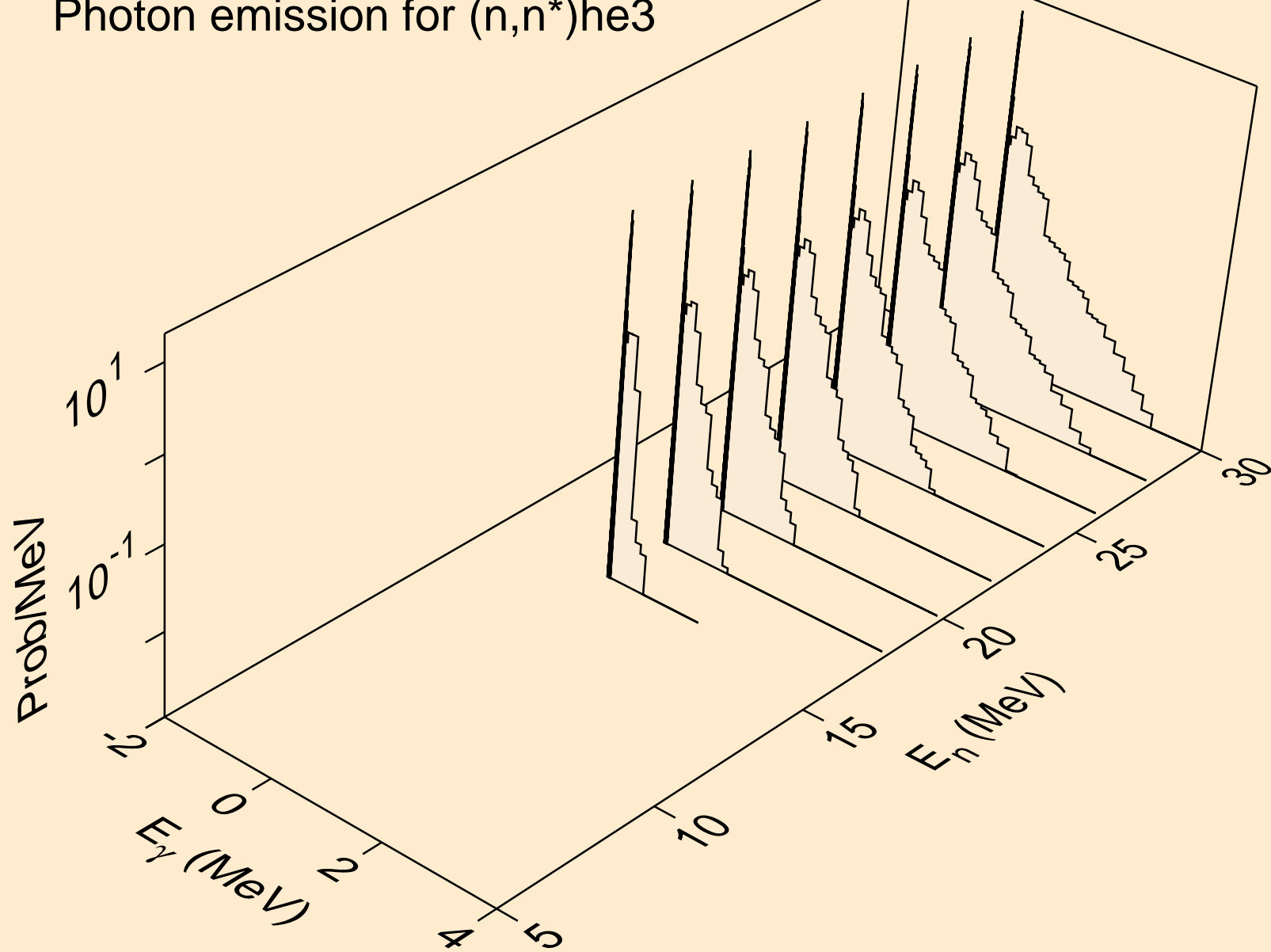
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



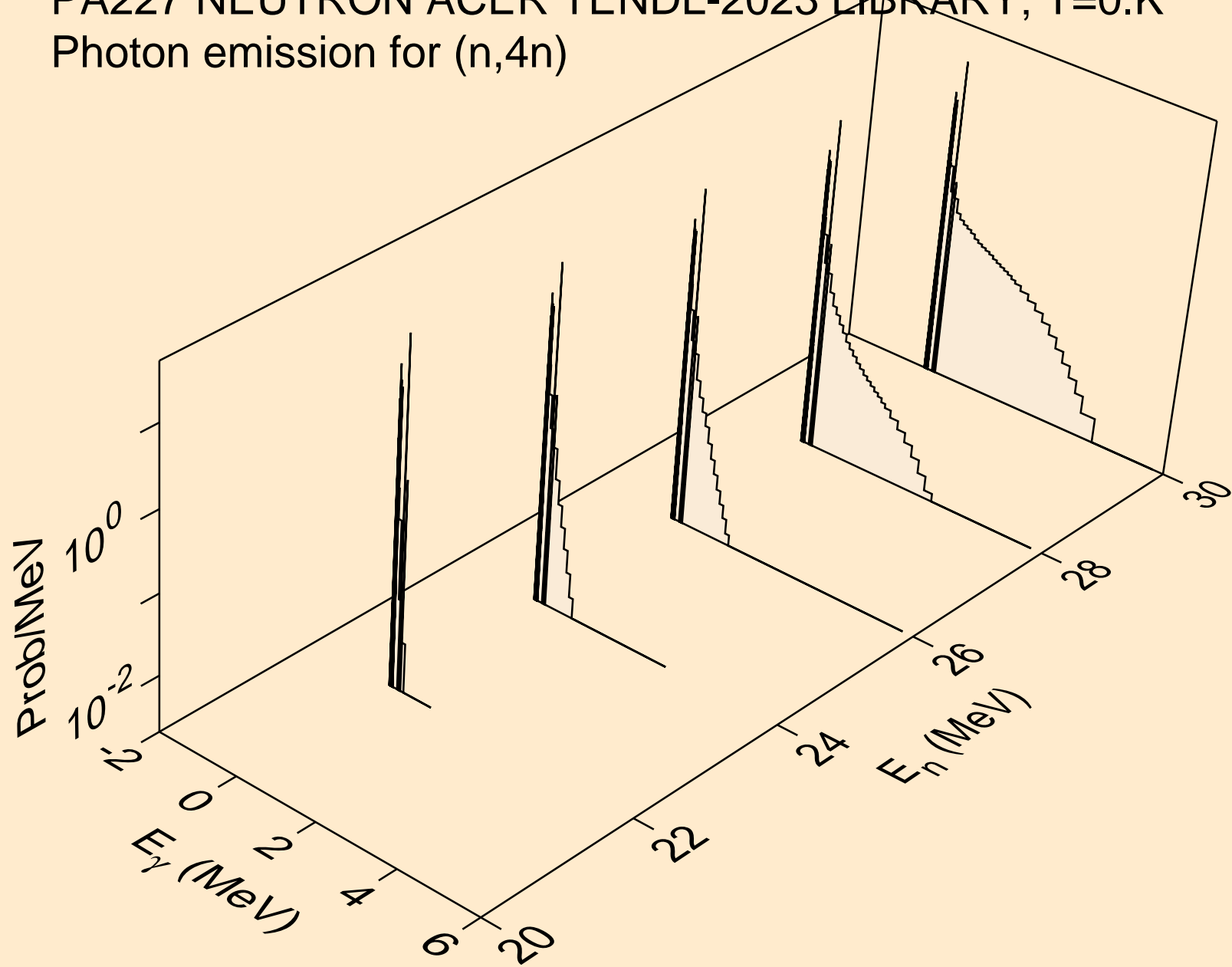
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



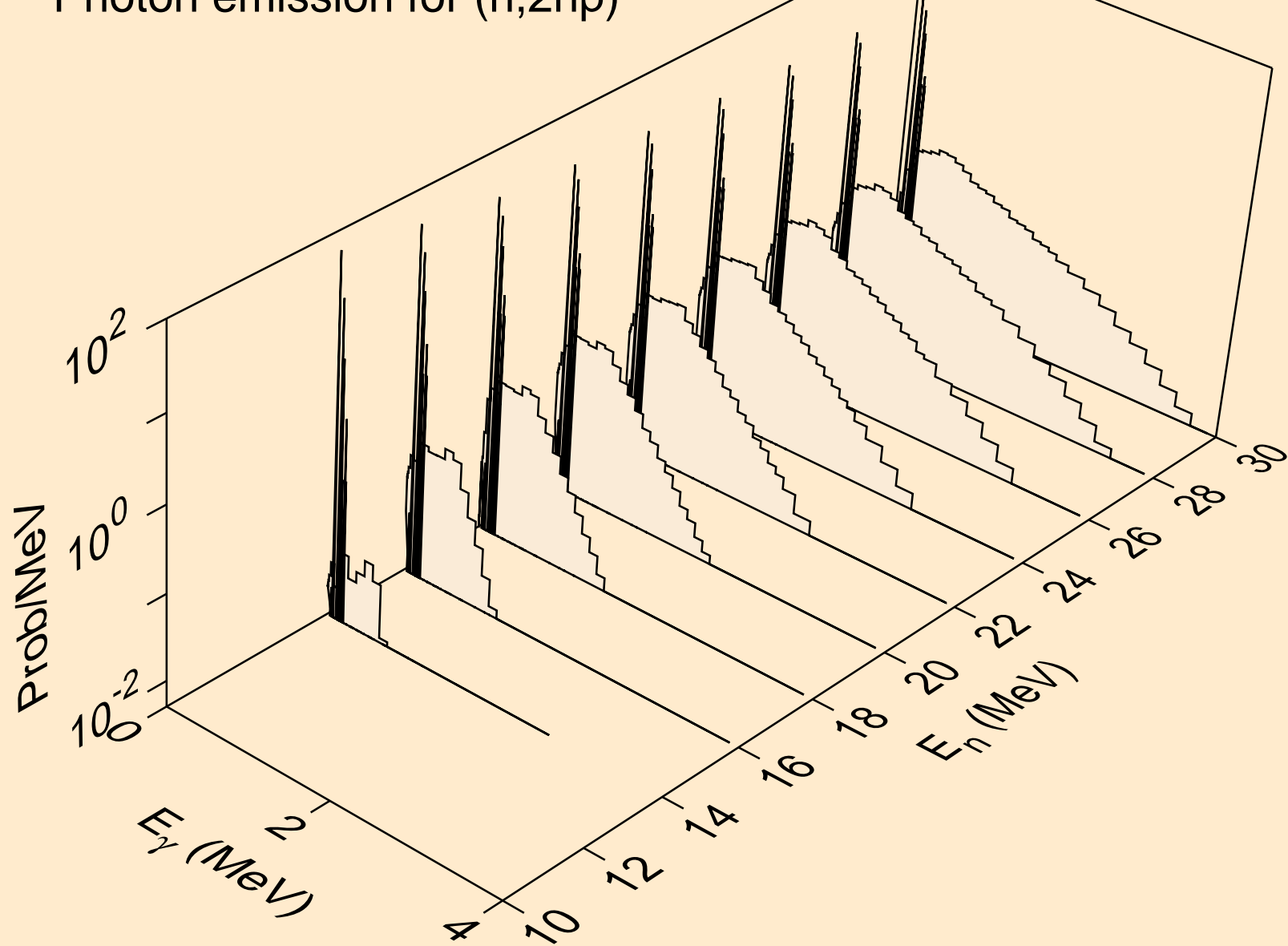
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



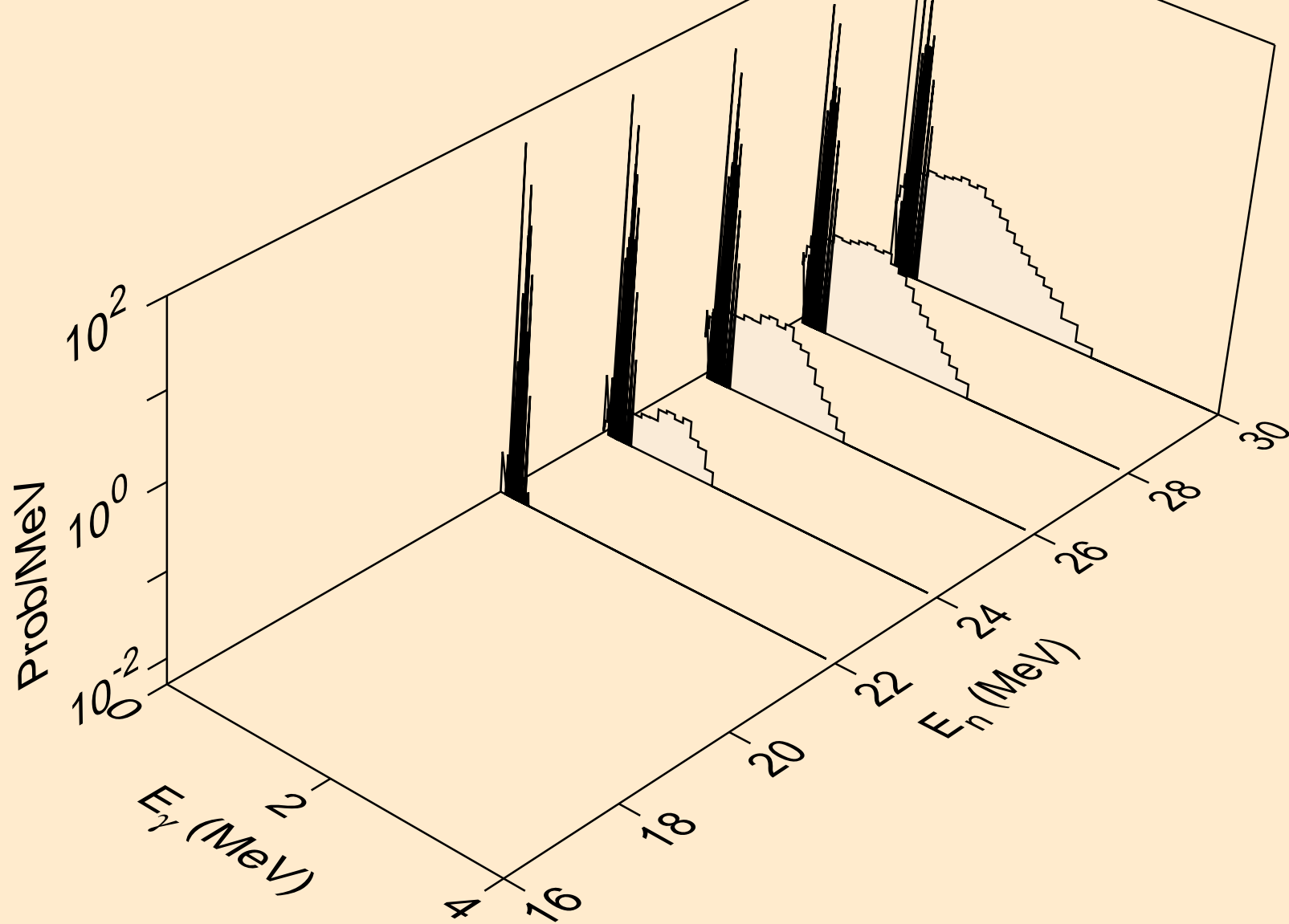
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



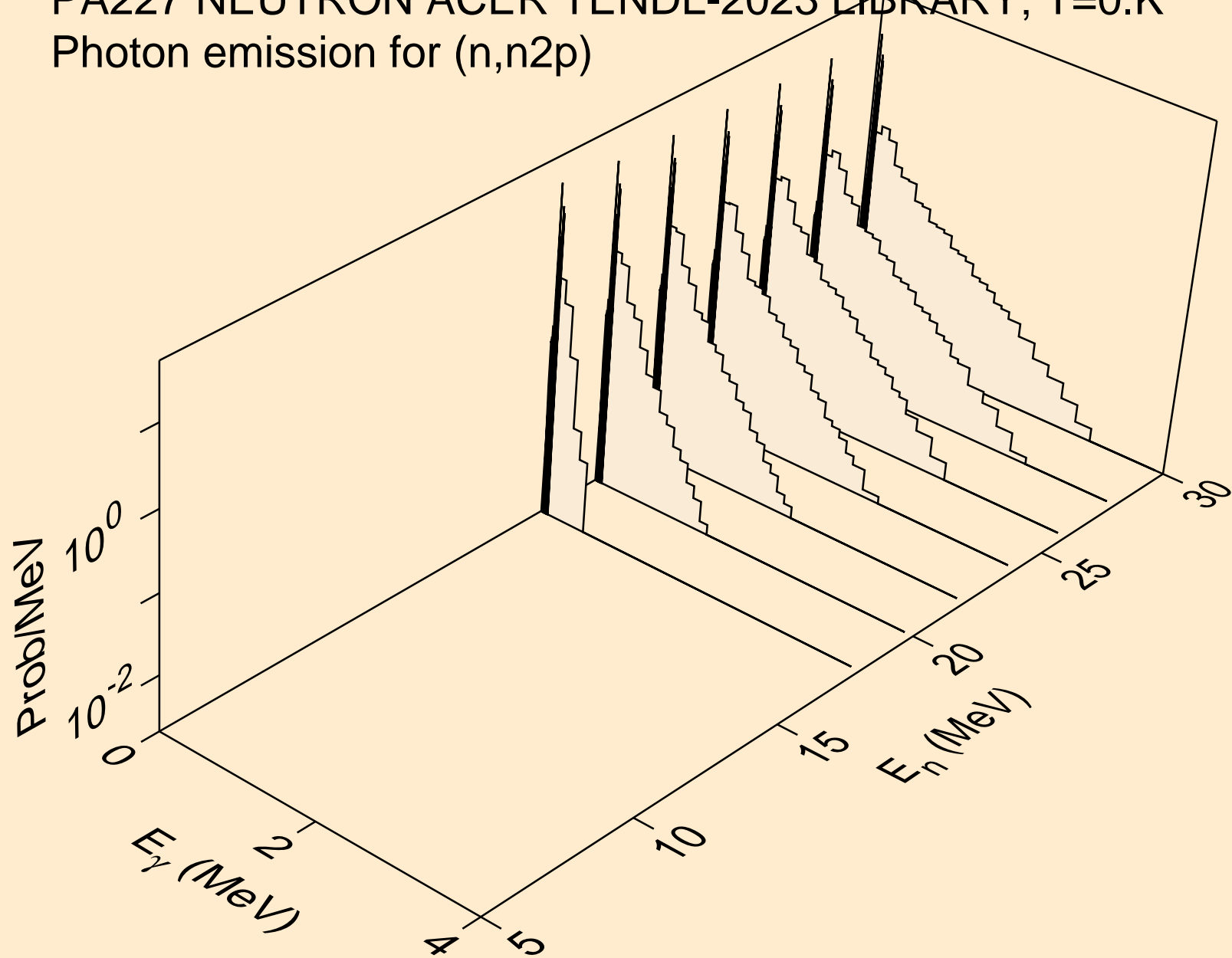
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Photon emission for (n,2np)



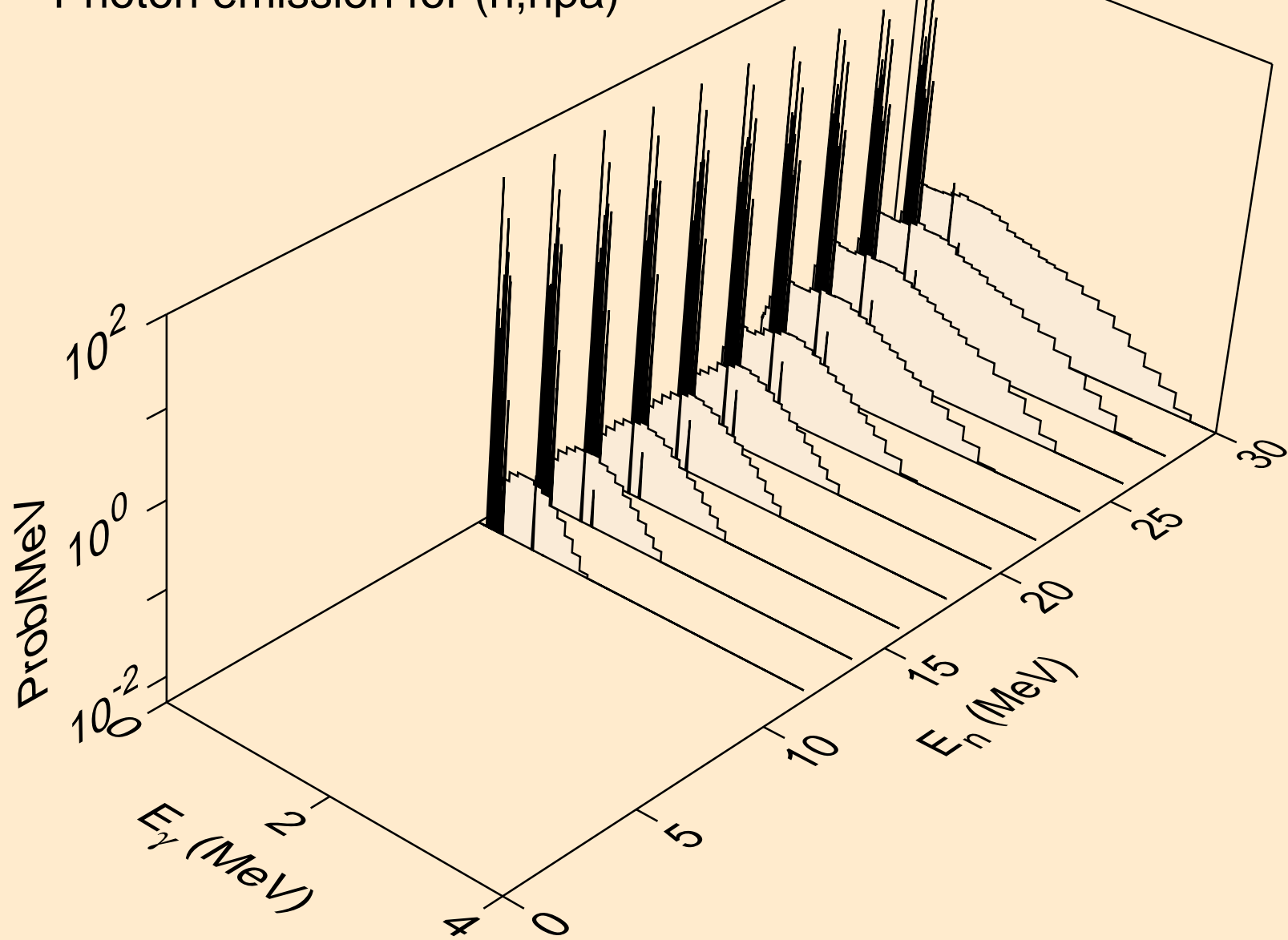
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Photon emission for (n,3np)



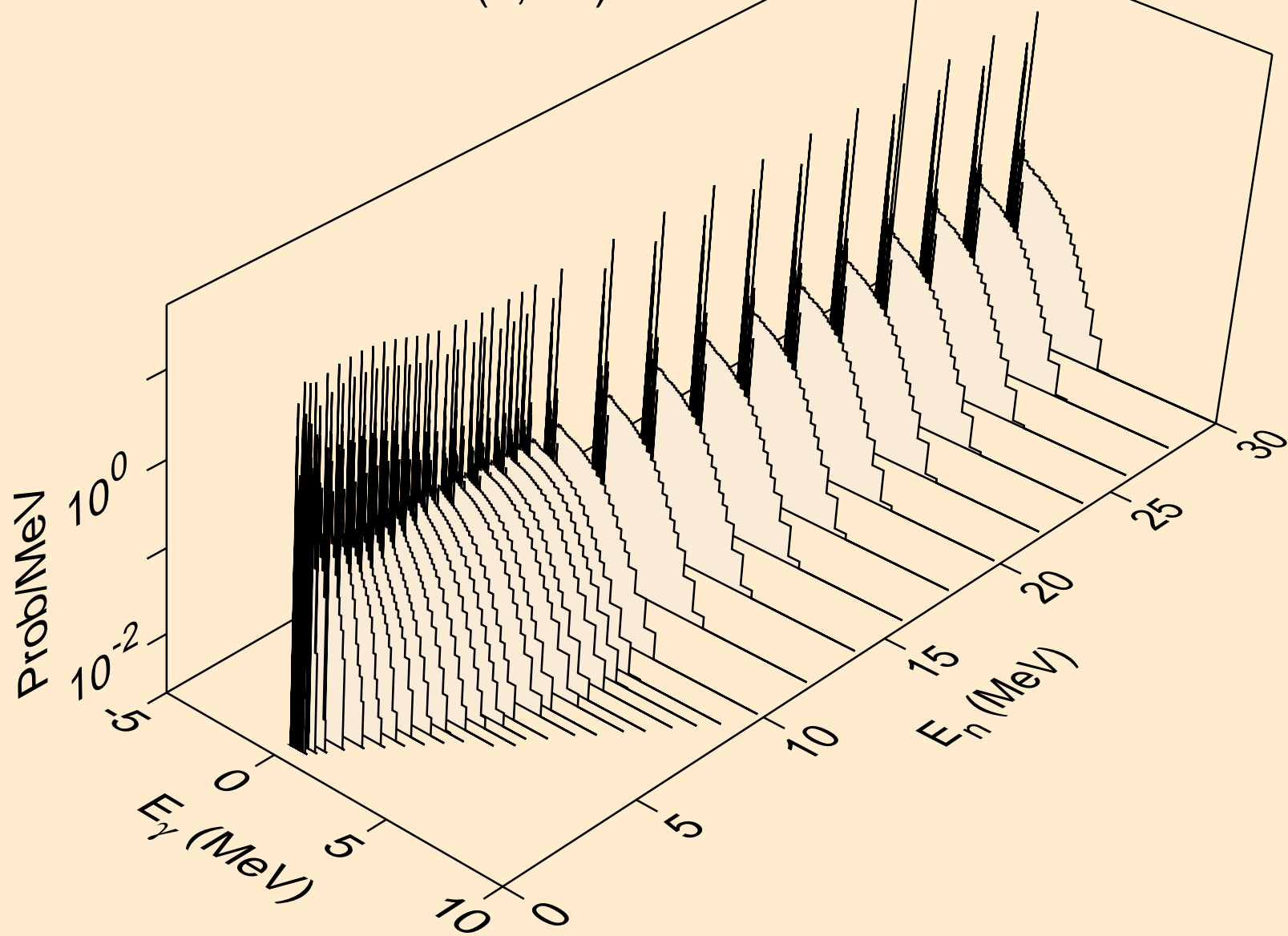
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Photon emission for (n,n2p)



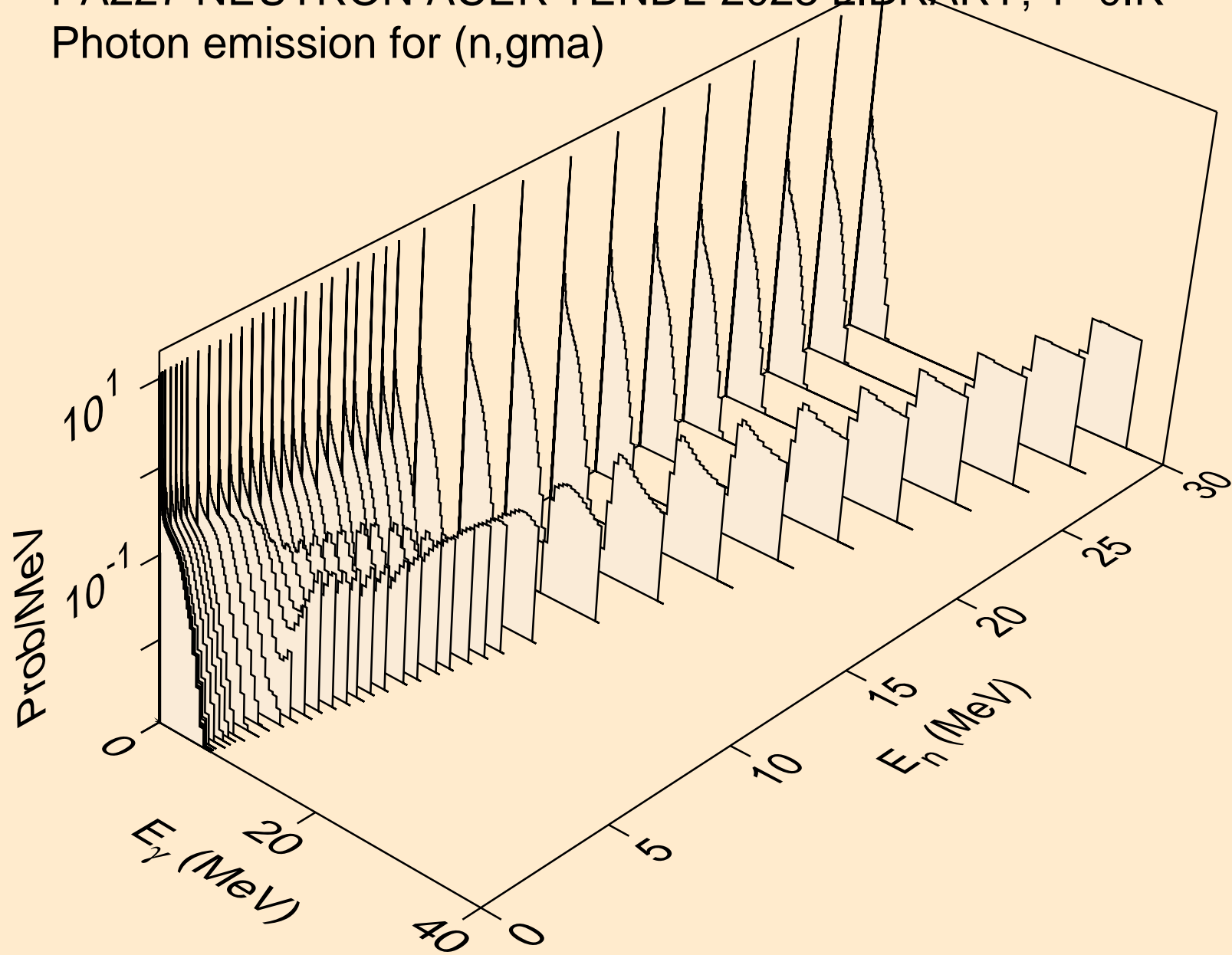
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Photon emission for (n,npa)



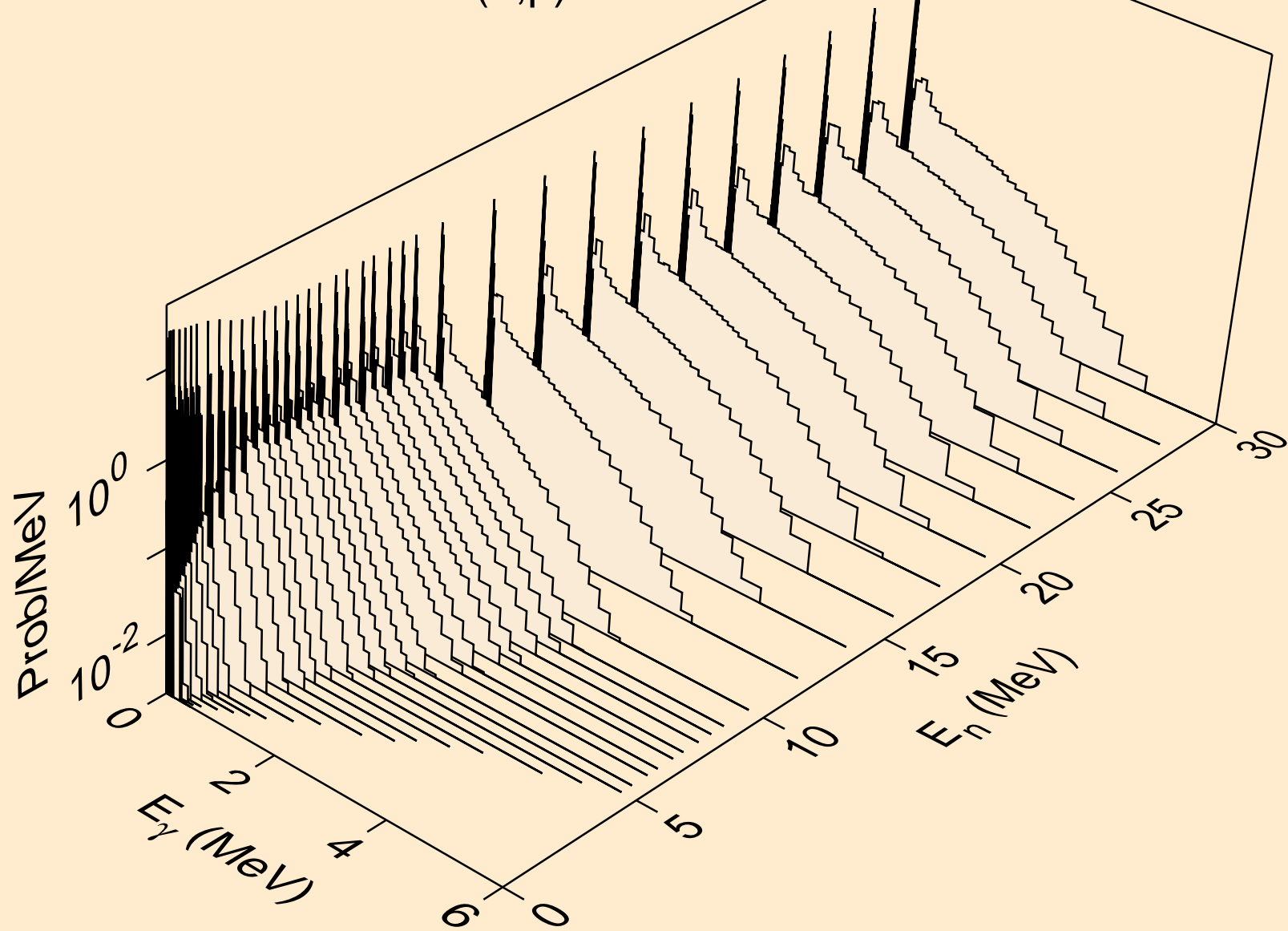
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Photon emission for (n,n*c)



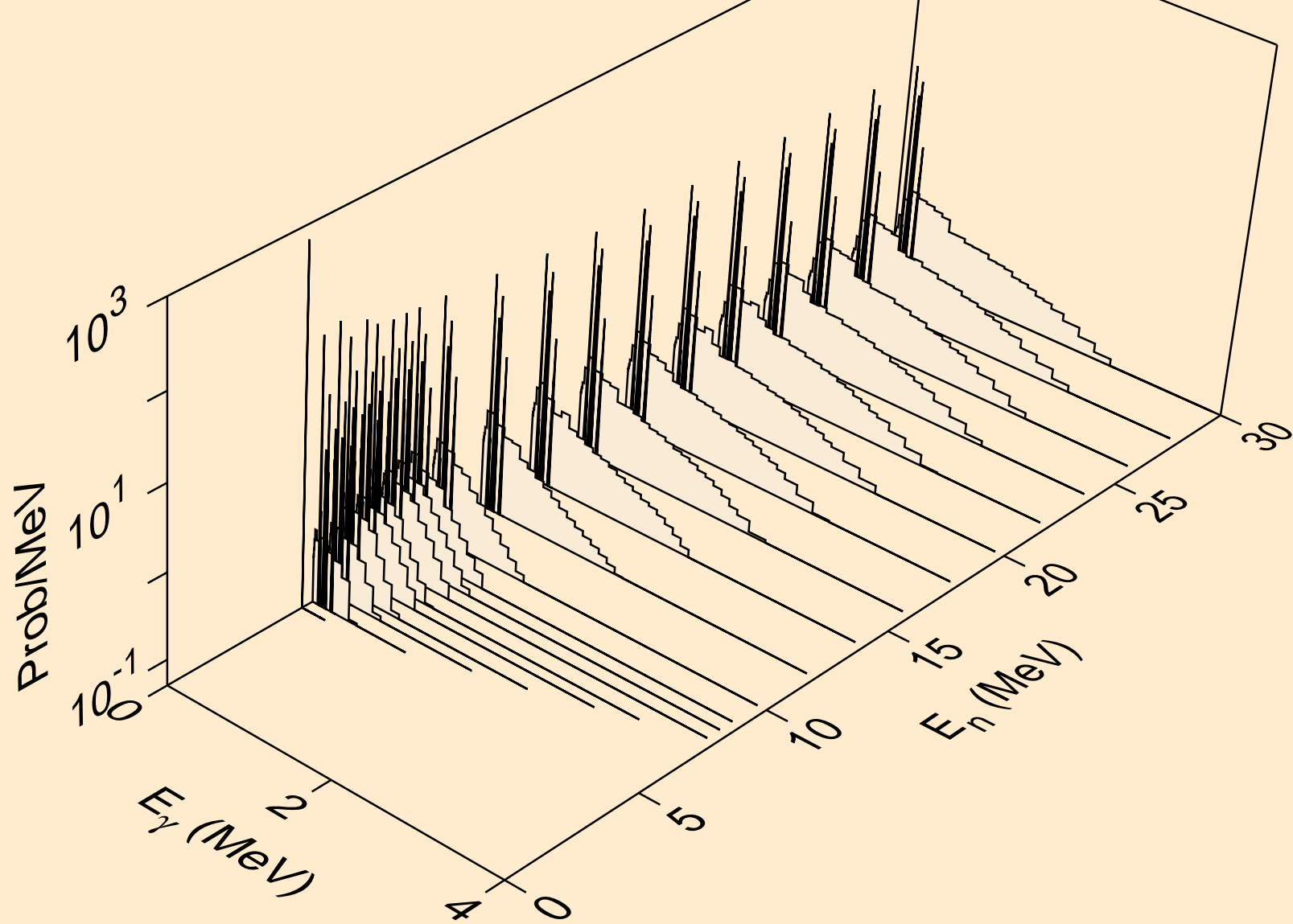
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Photon emission for (n,gma)



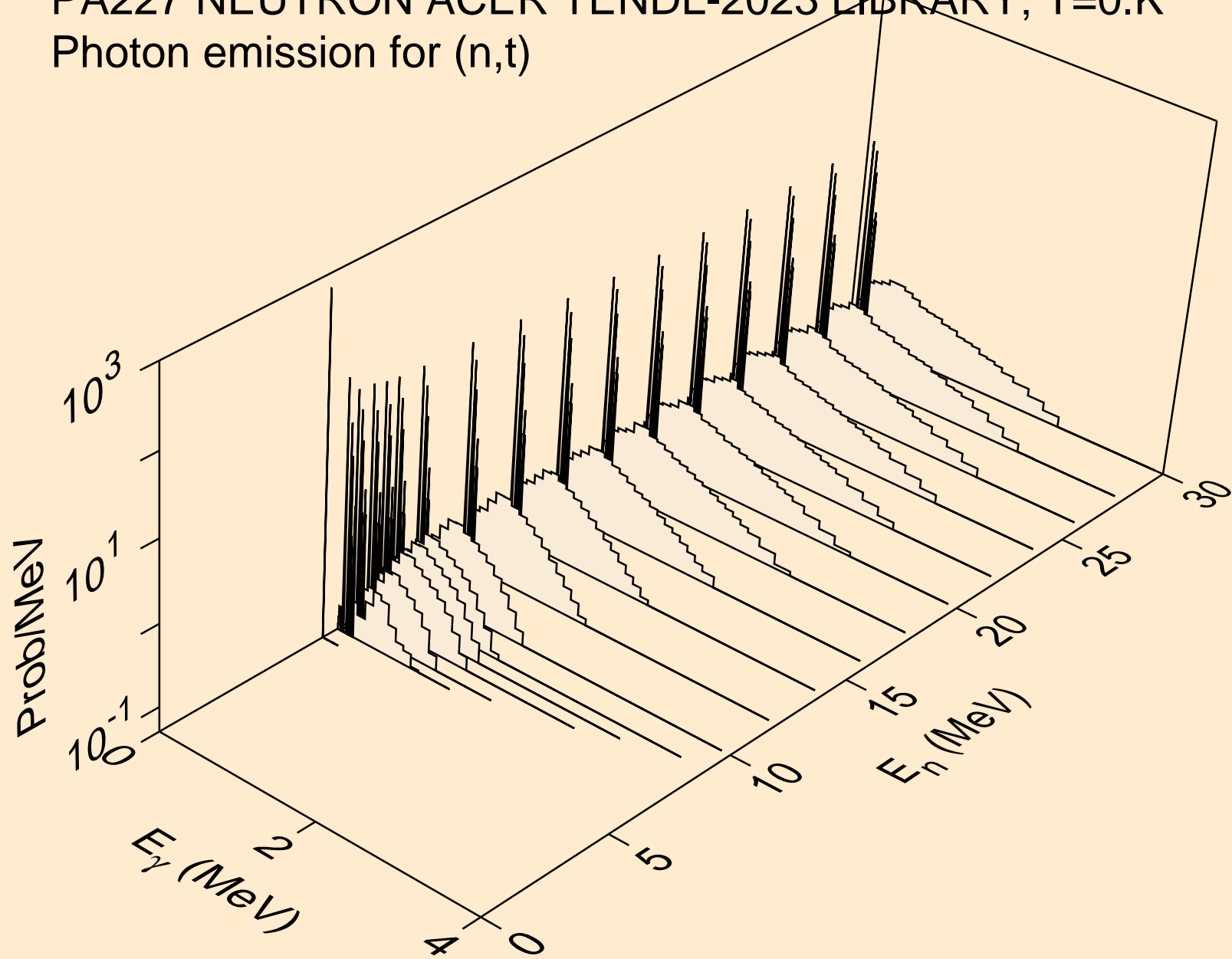
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



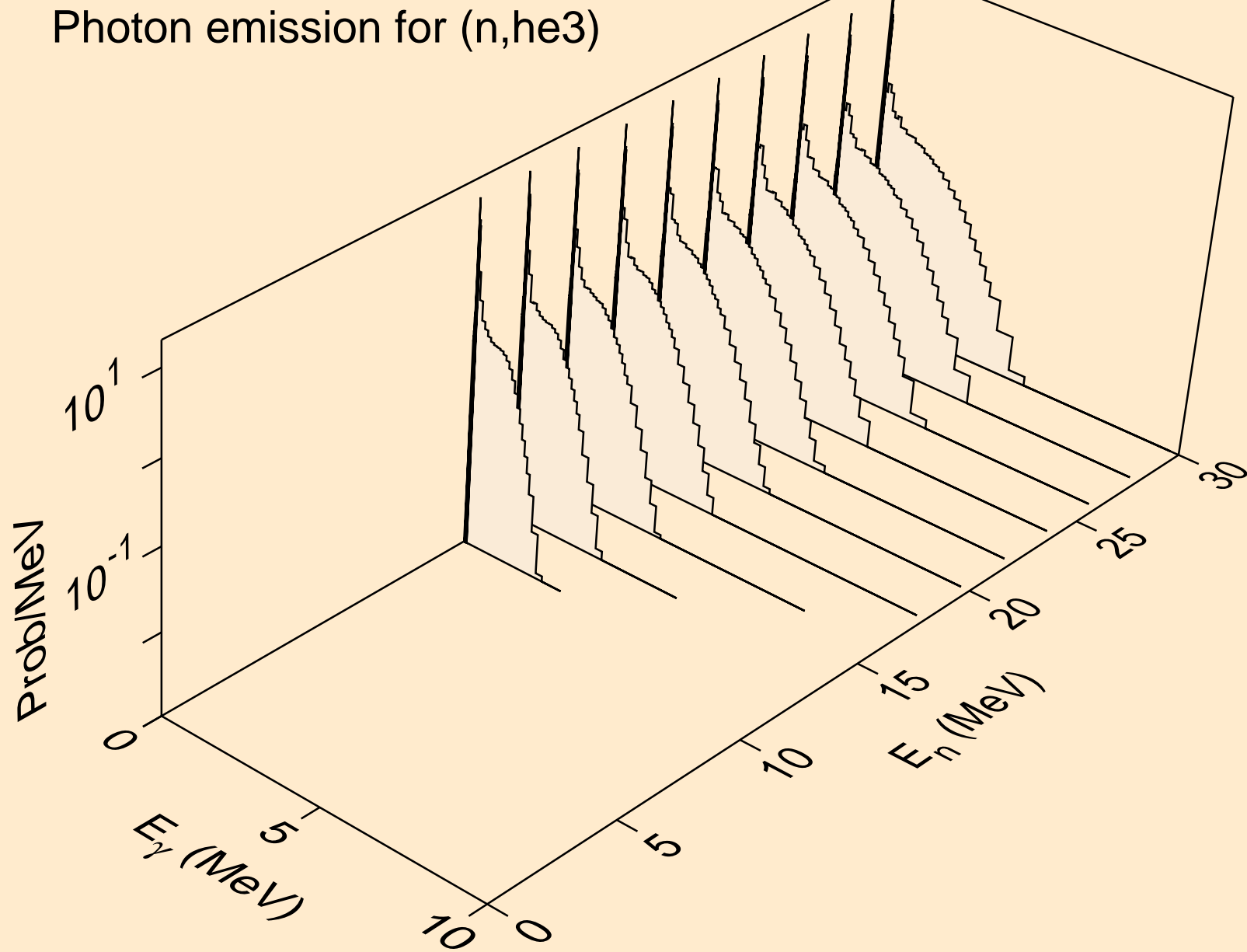
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Photon emission for (n,d)



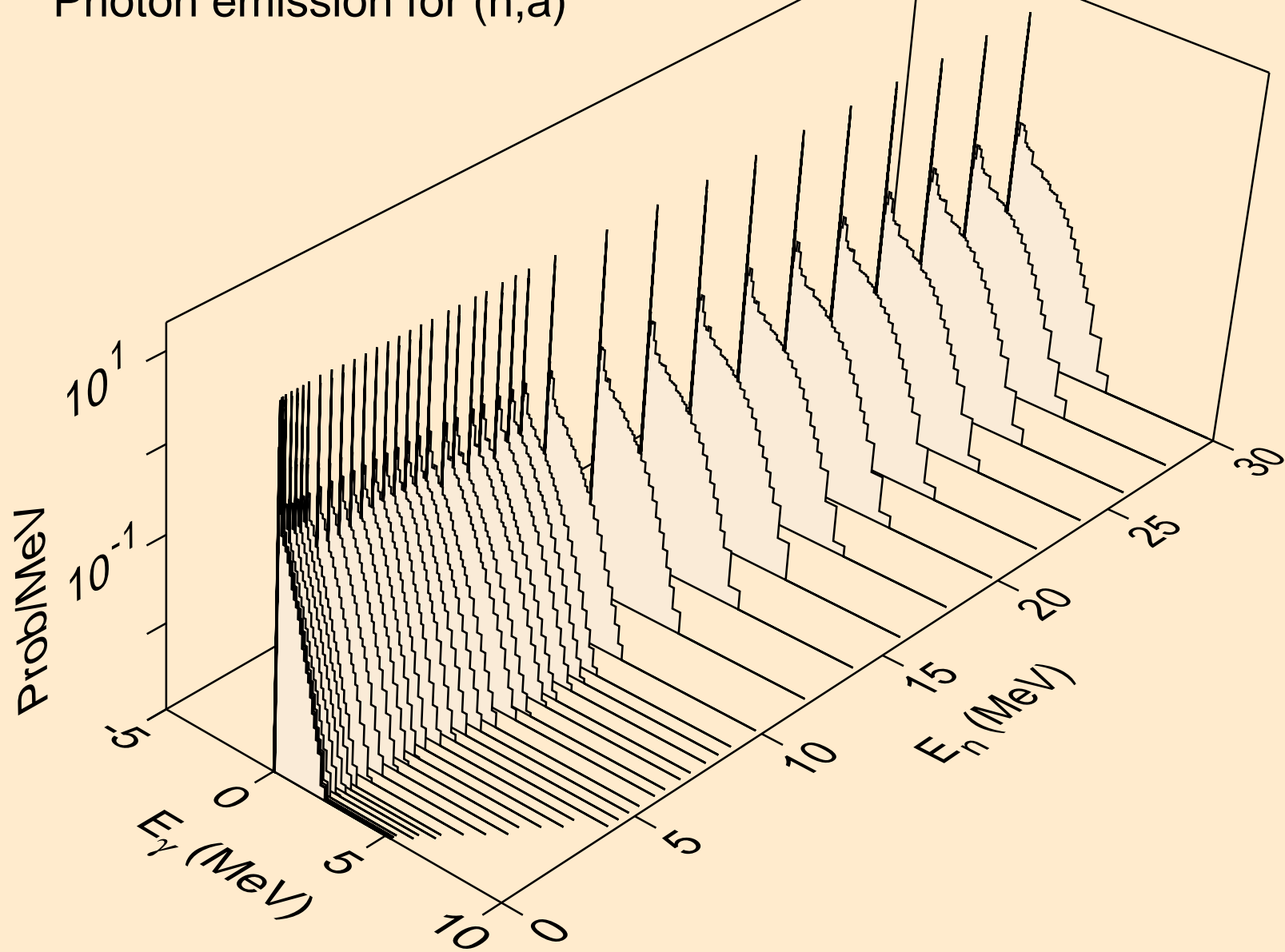
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Photon emission for (n,t)



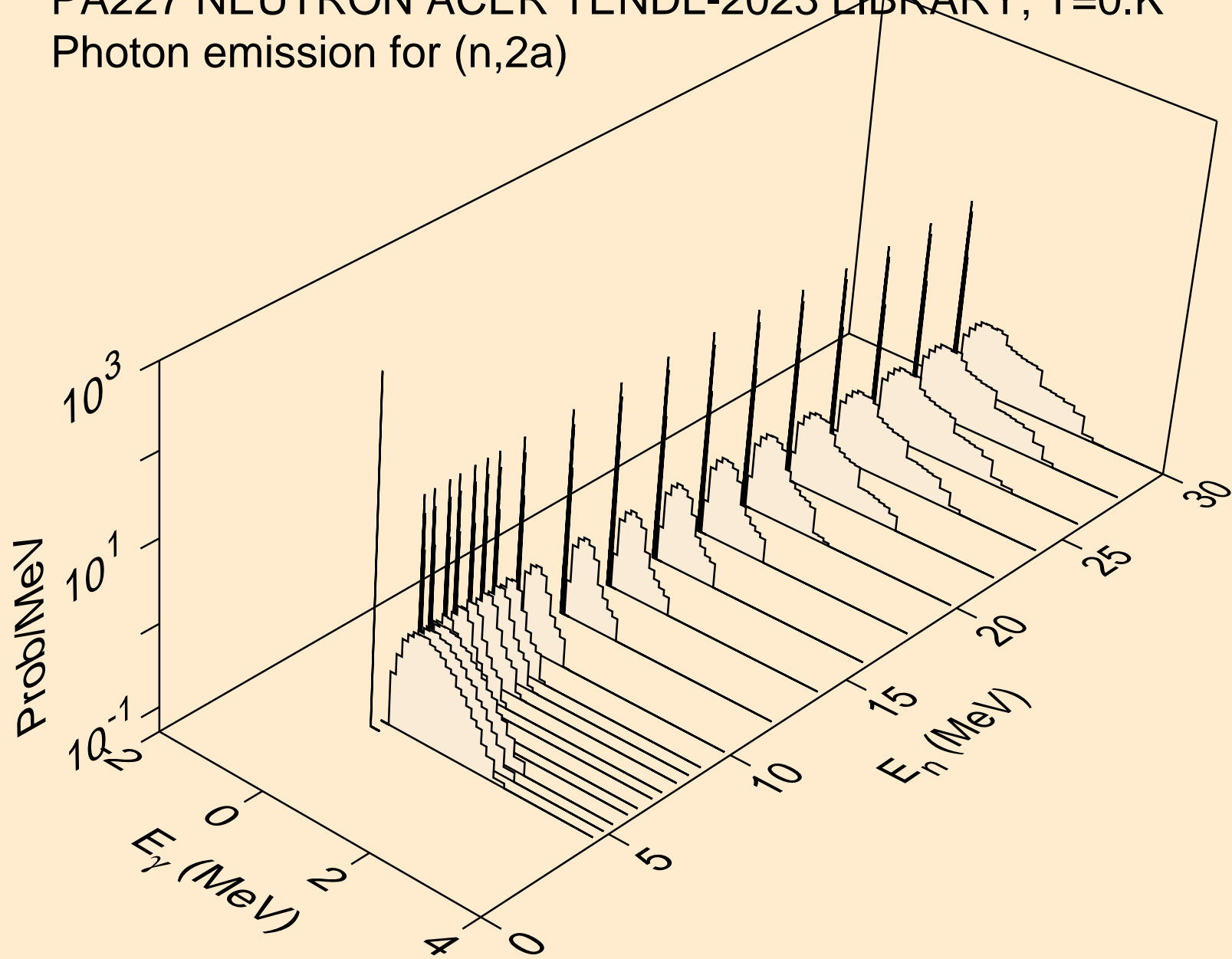
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Photon emission for (n,he3)



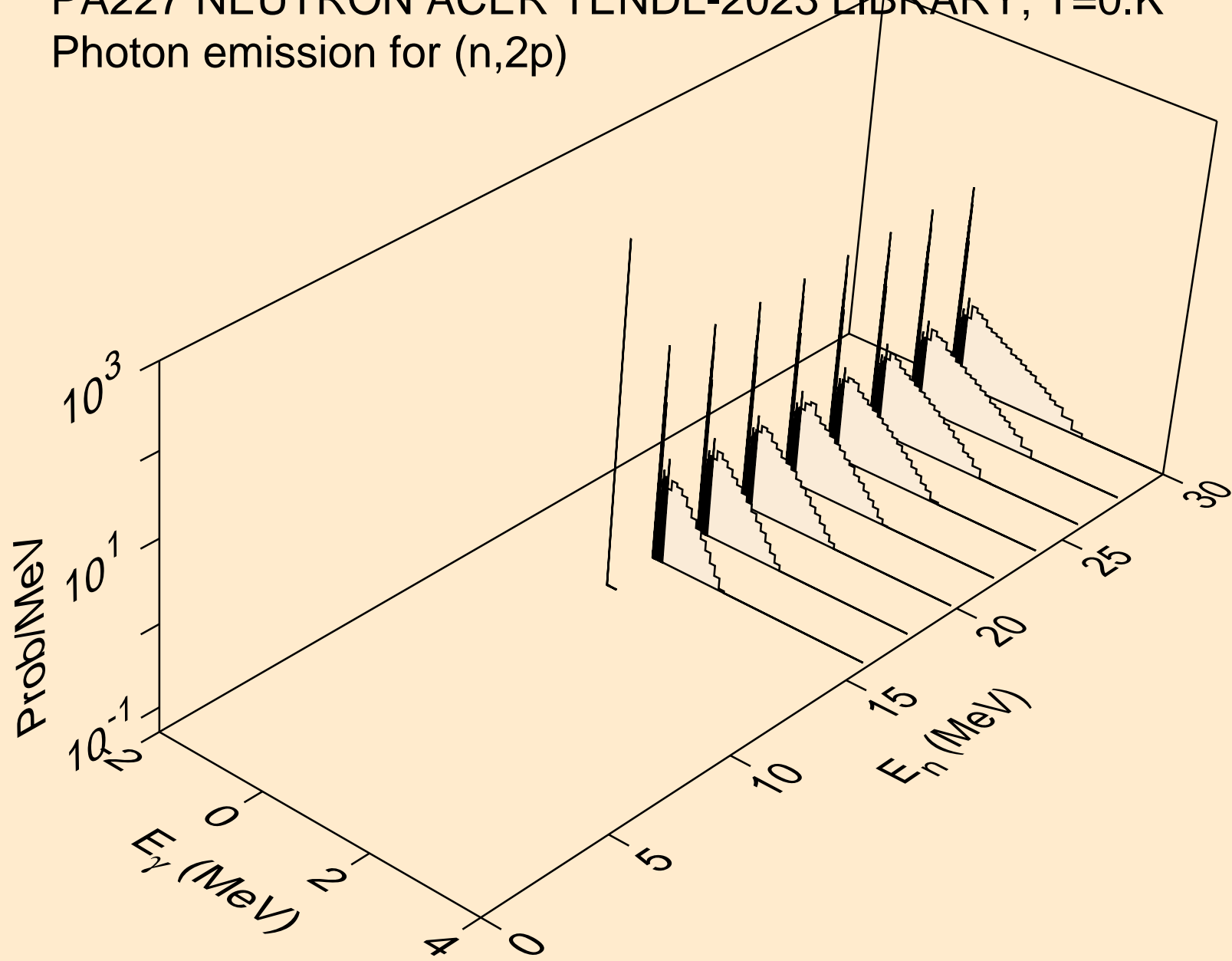
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Photon emission for (n,a)



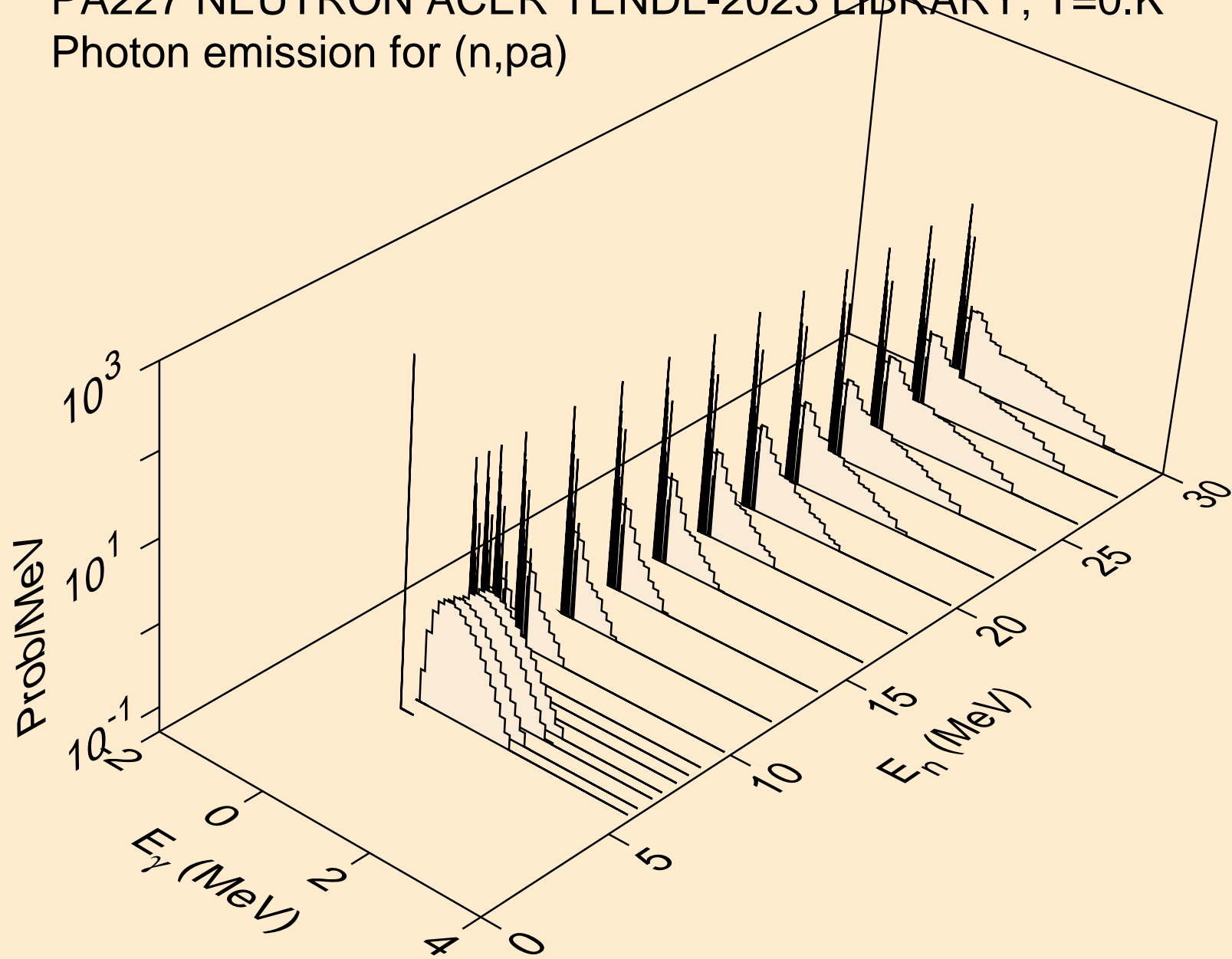
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Photon emission for (n,2a)



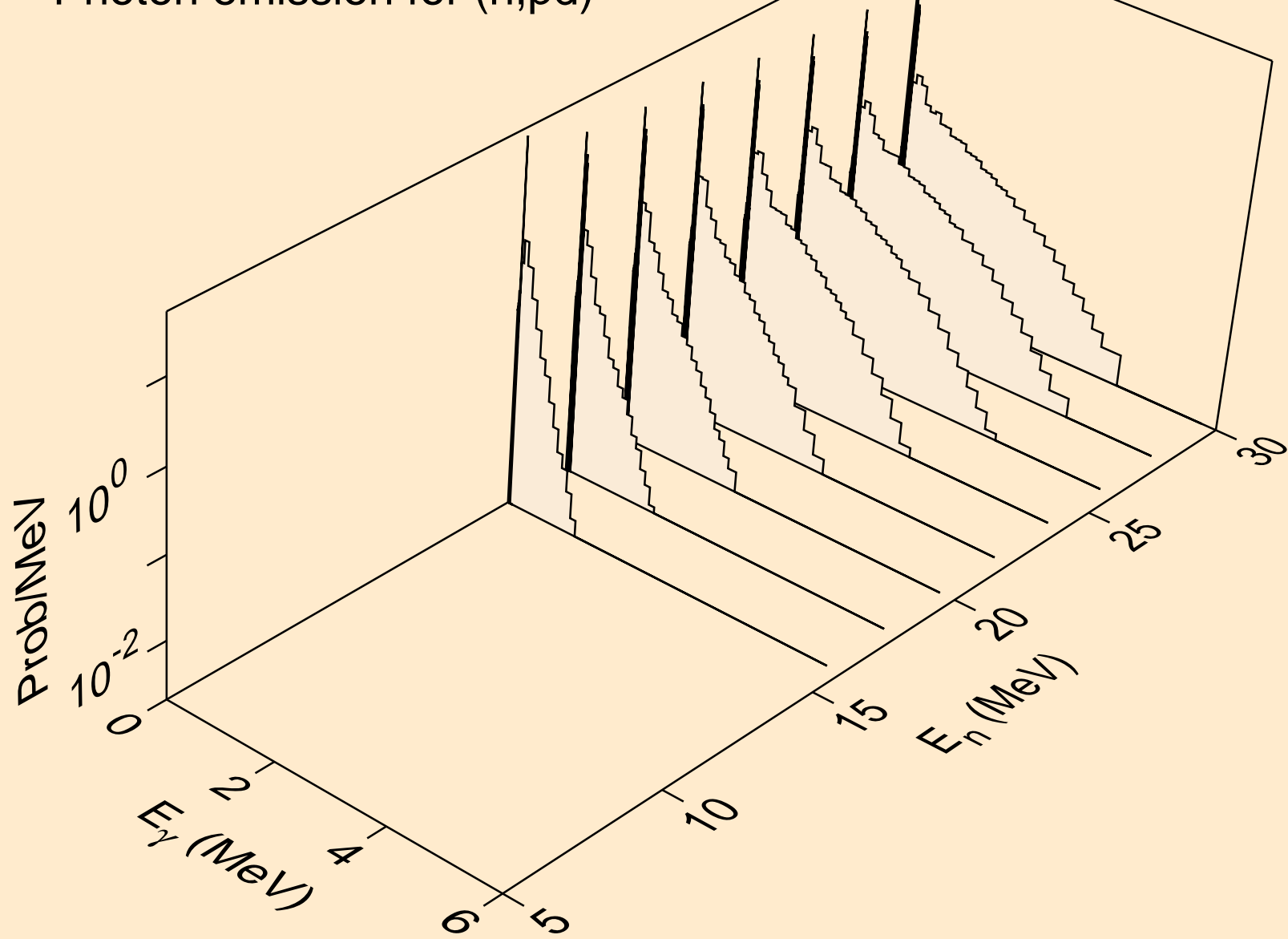
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Photon emission for (n,2p)



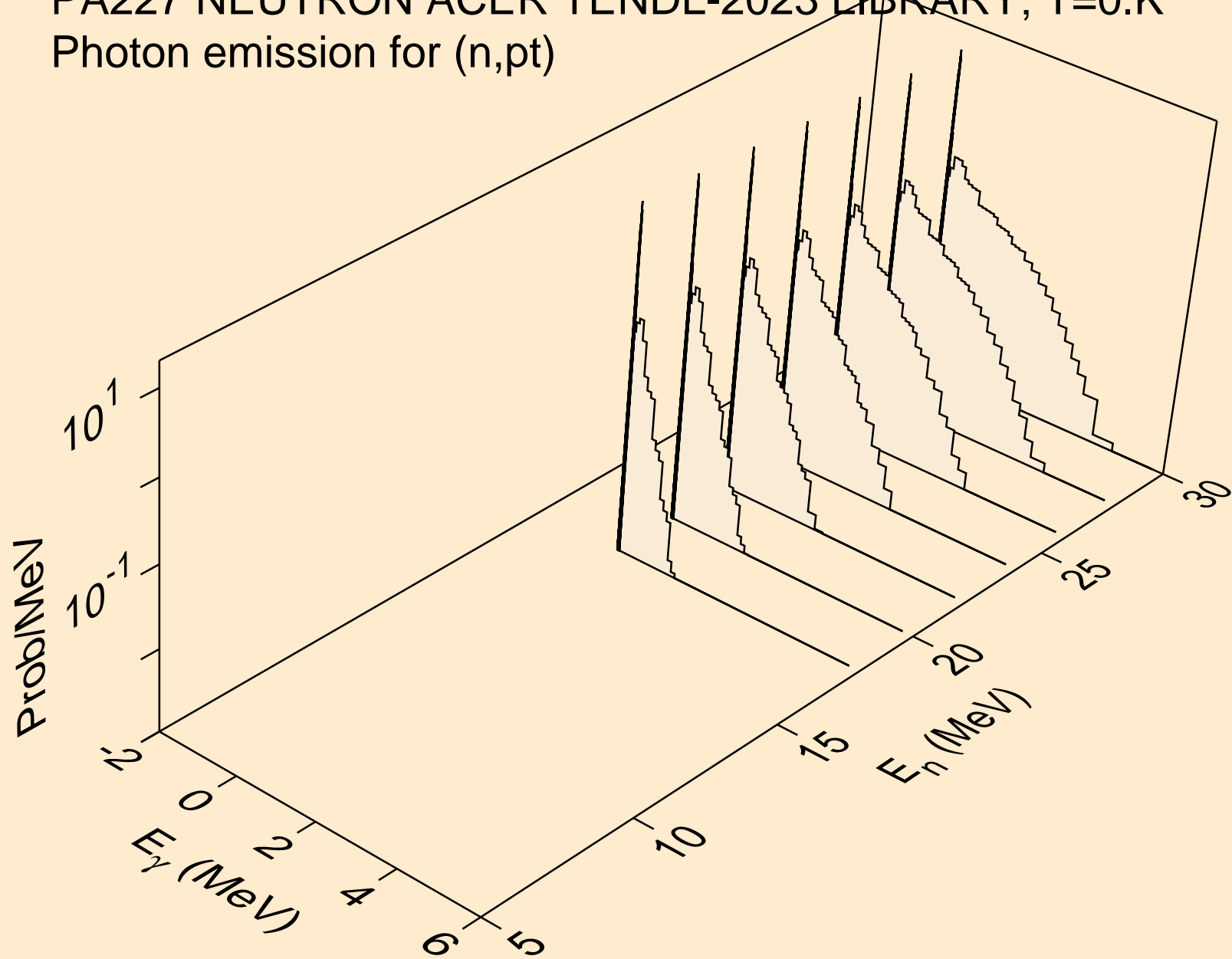
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Photon emission for (n,p α)



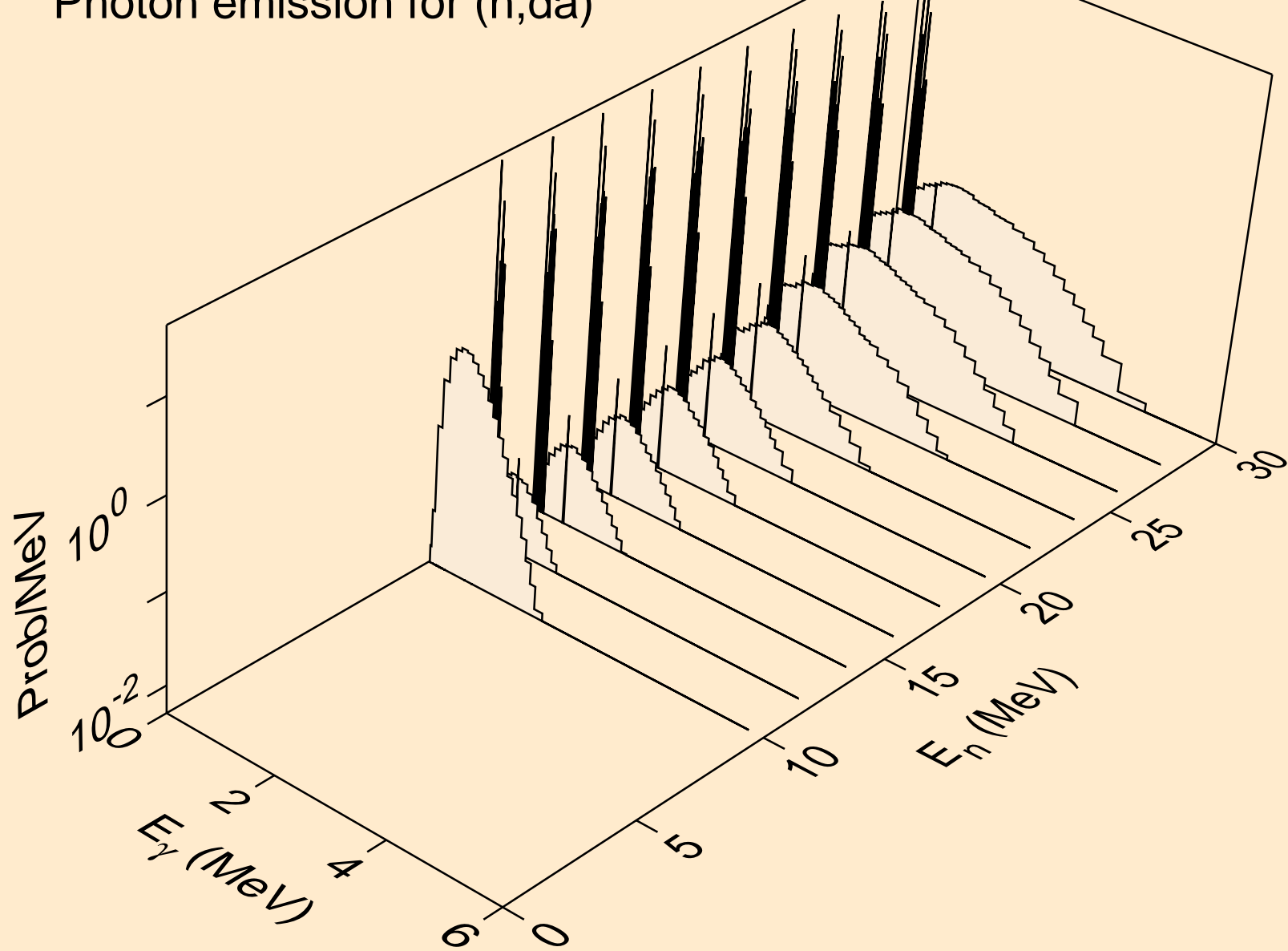
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Photon emission for (n,pd)



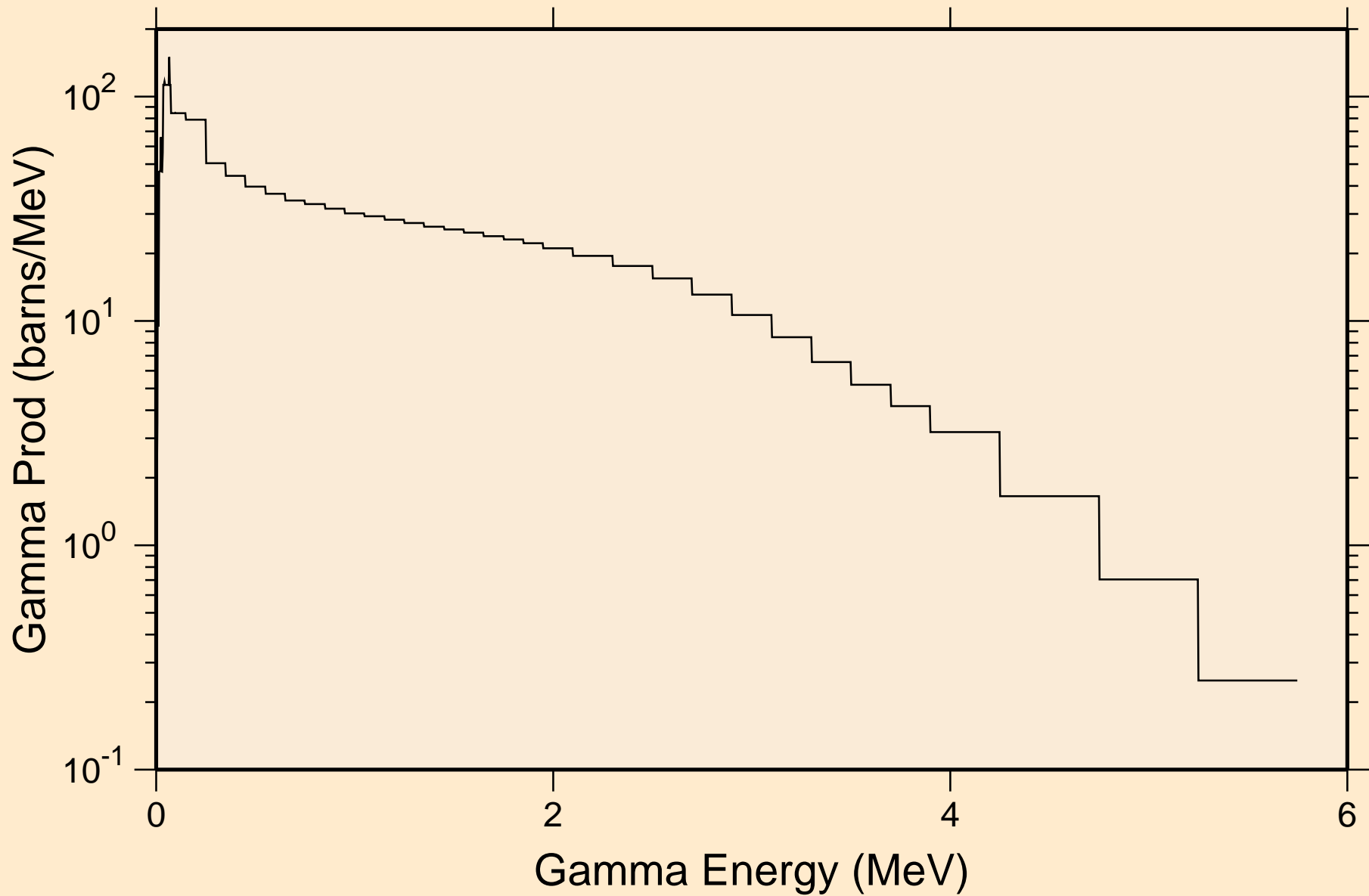
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Photon emission for (n,pt)



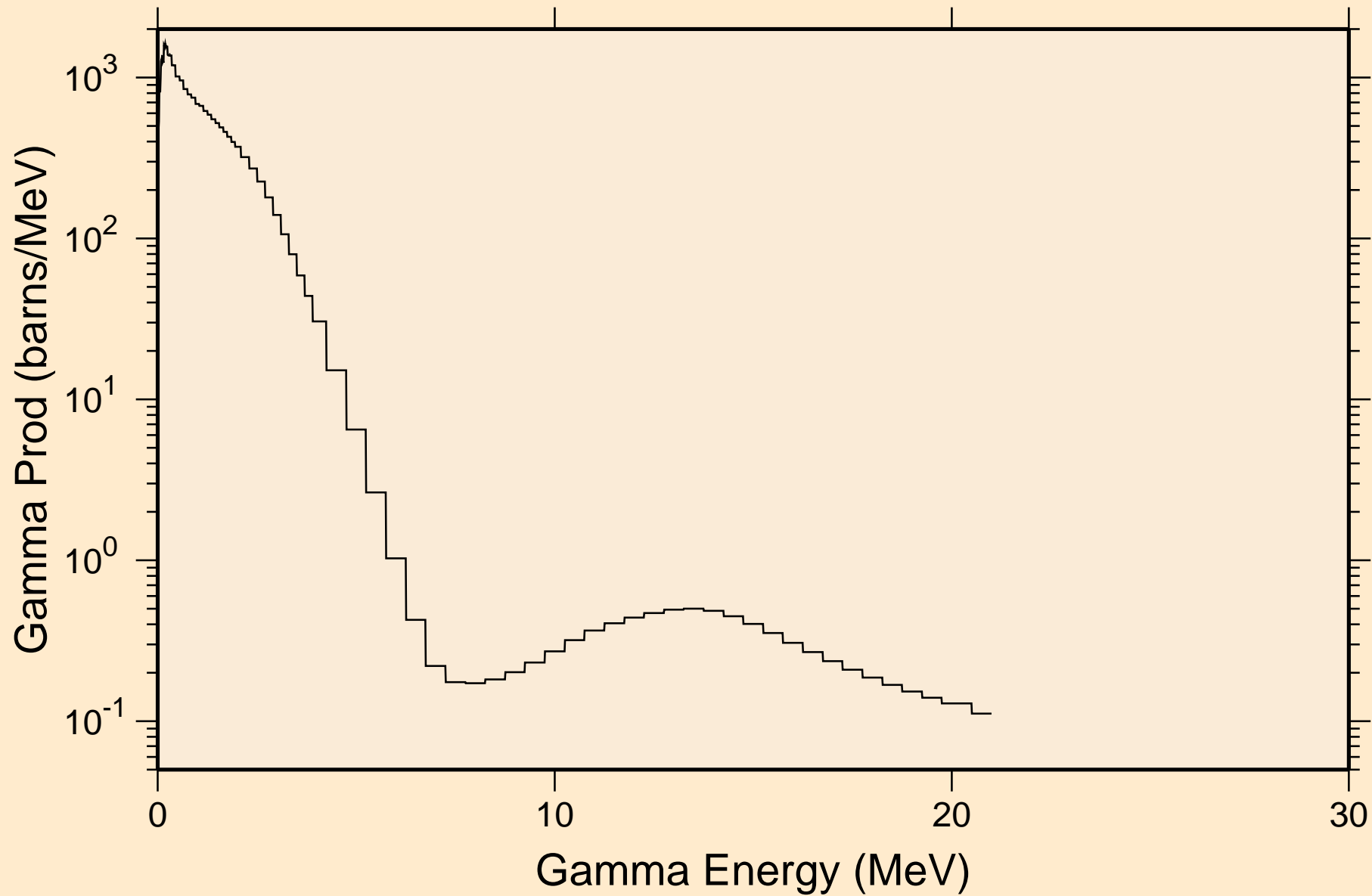
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Photon emission for (n,da)



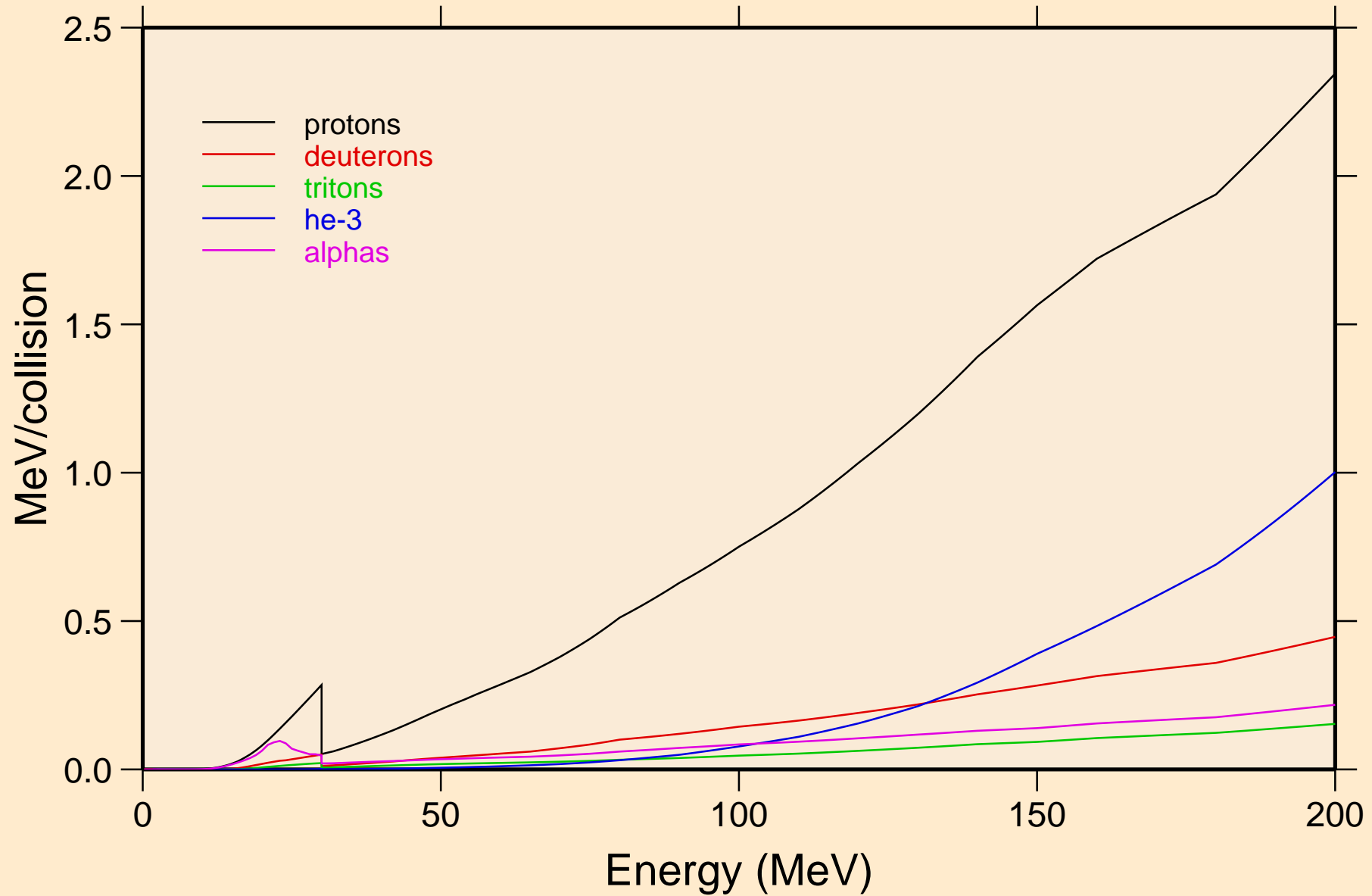
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thermal capture photon spectrum



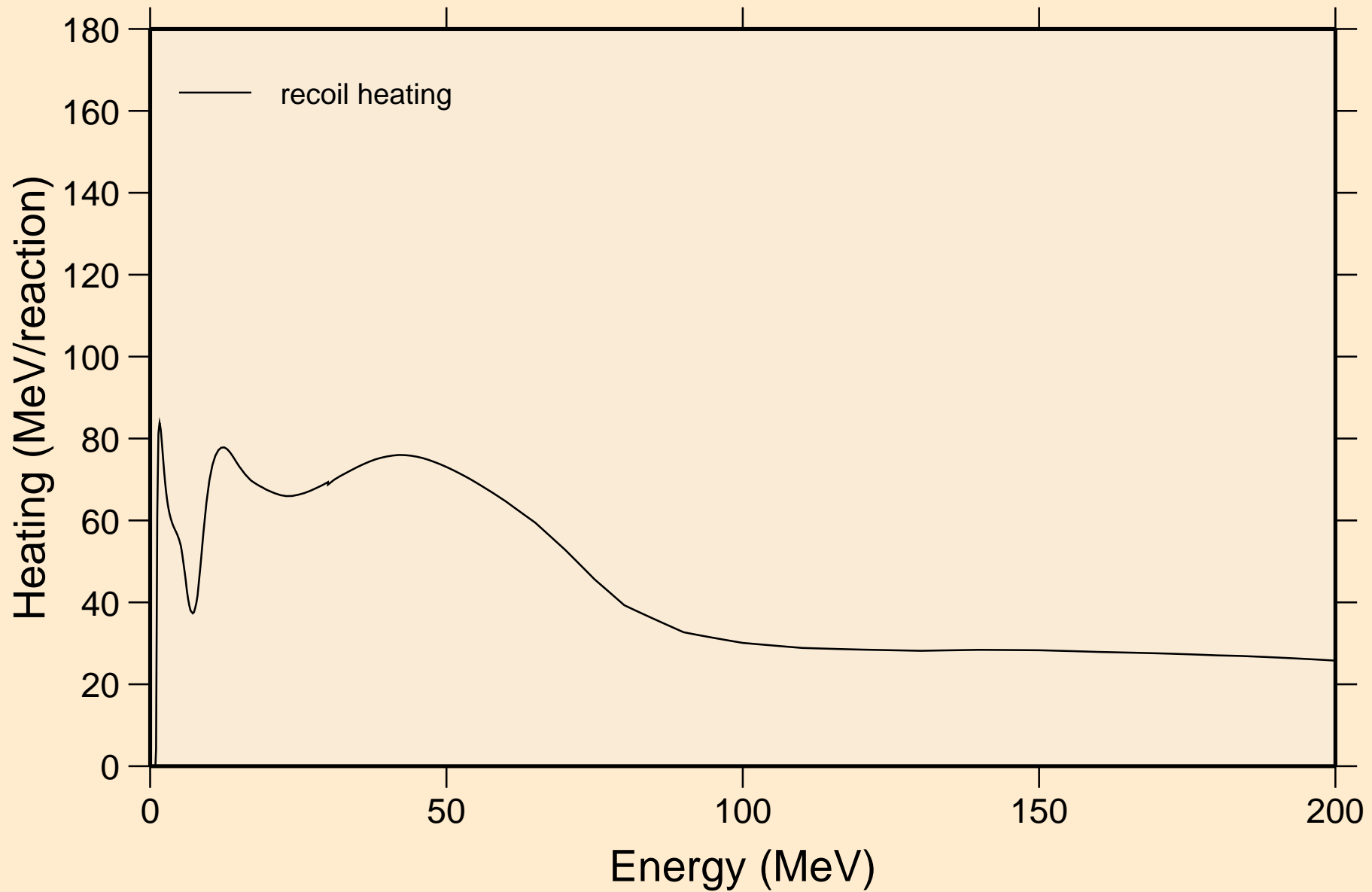
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14 MeV photon spectrum



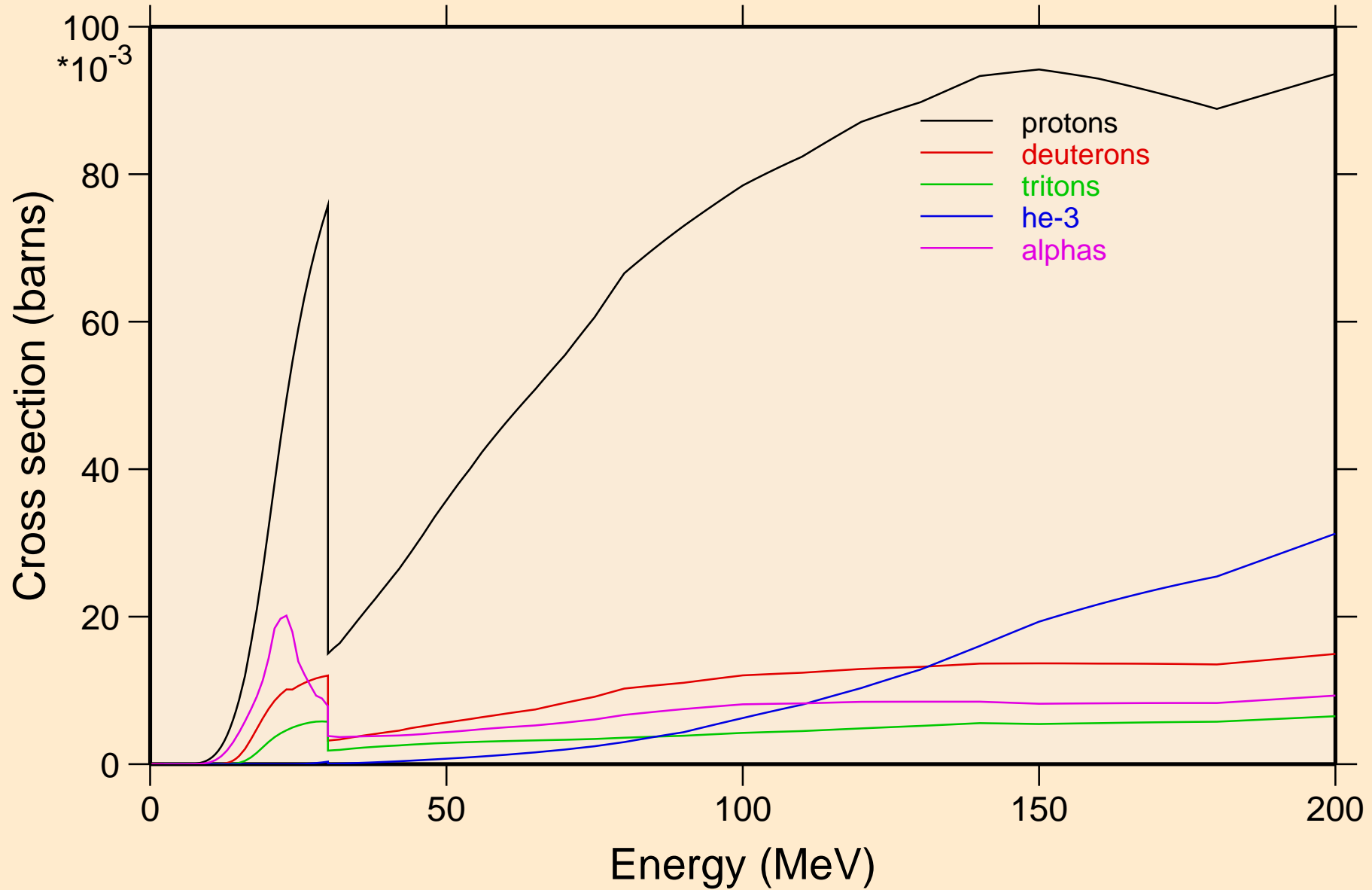
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Particle heating contributions



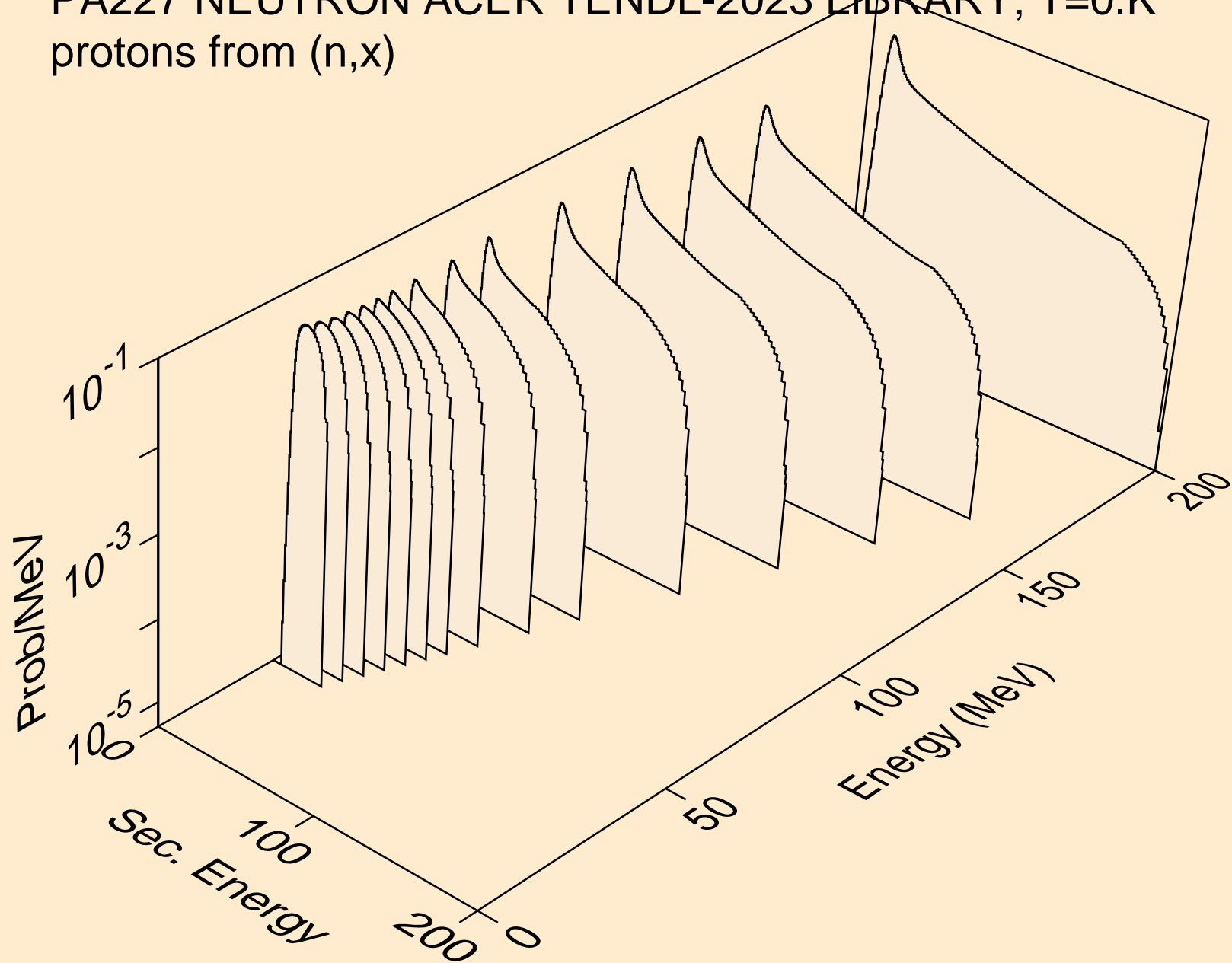
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Recoil Heating



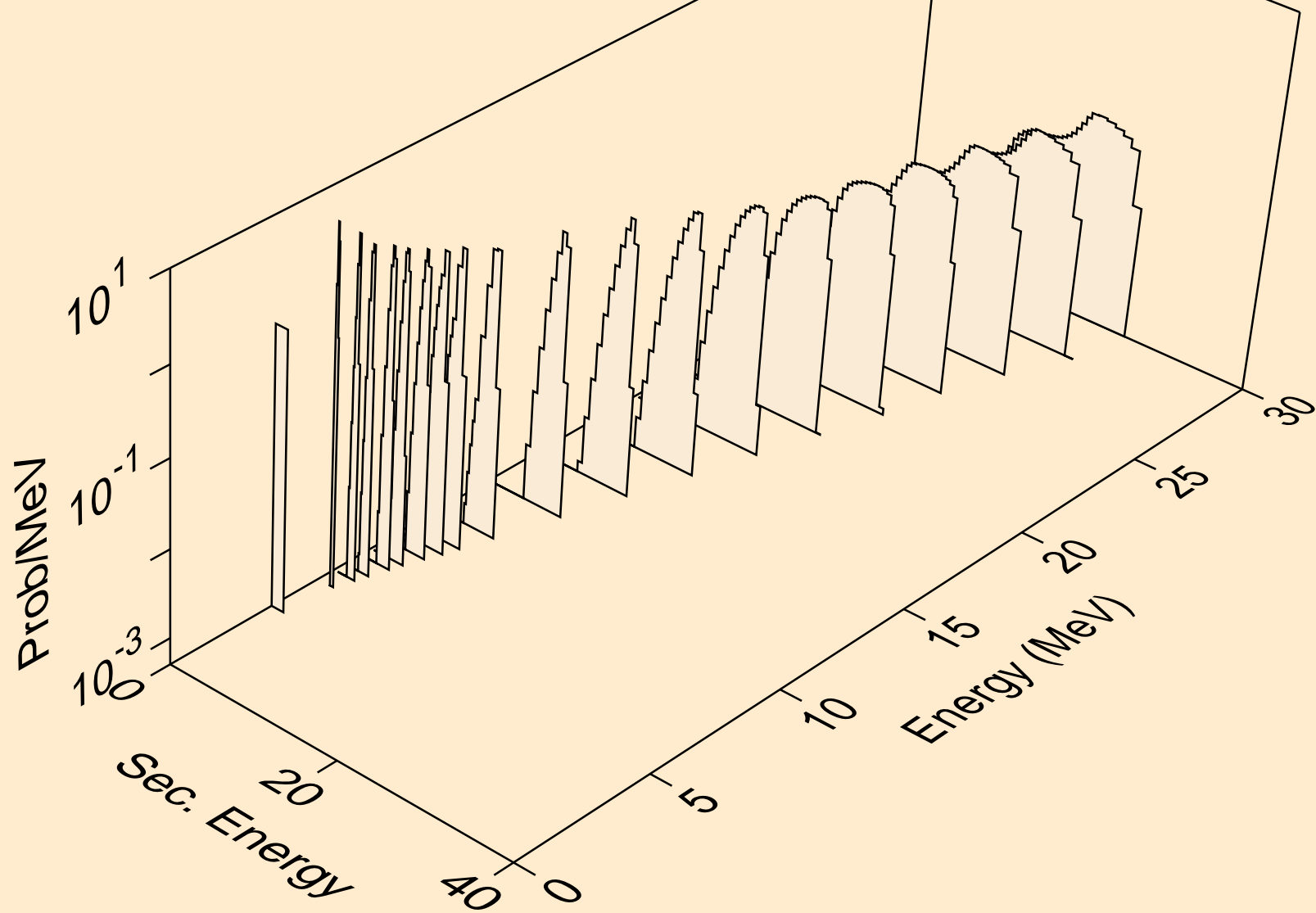
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Particle production cross sections



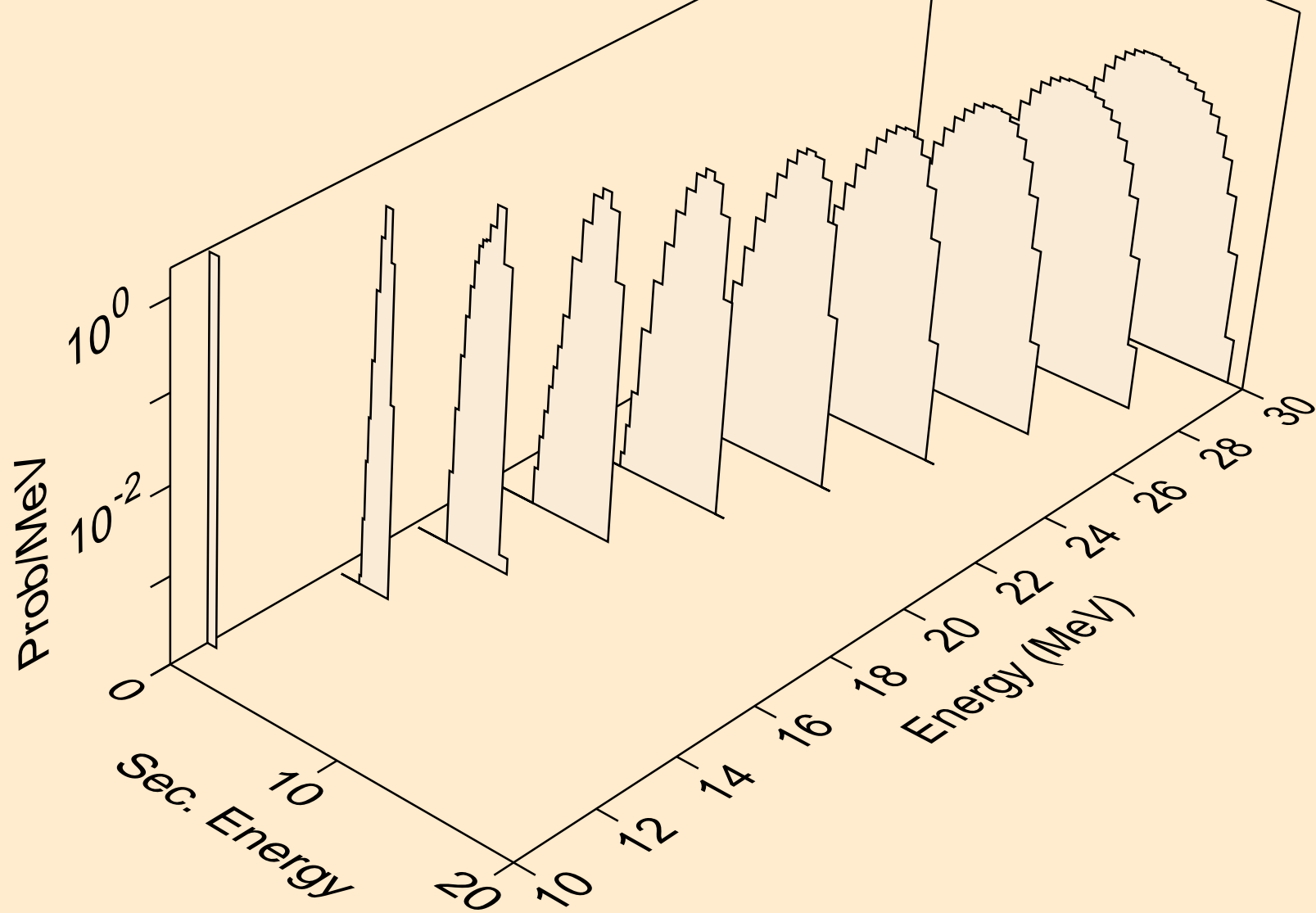
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



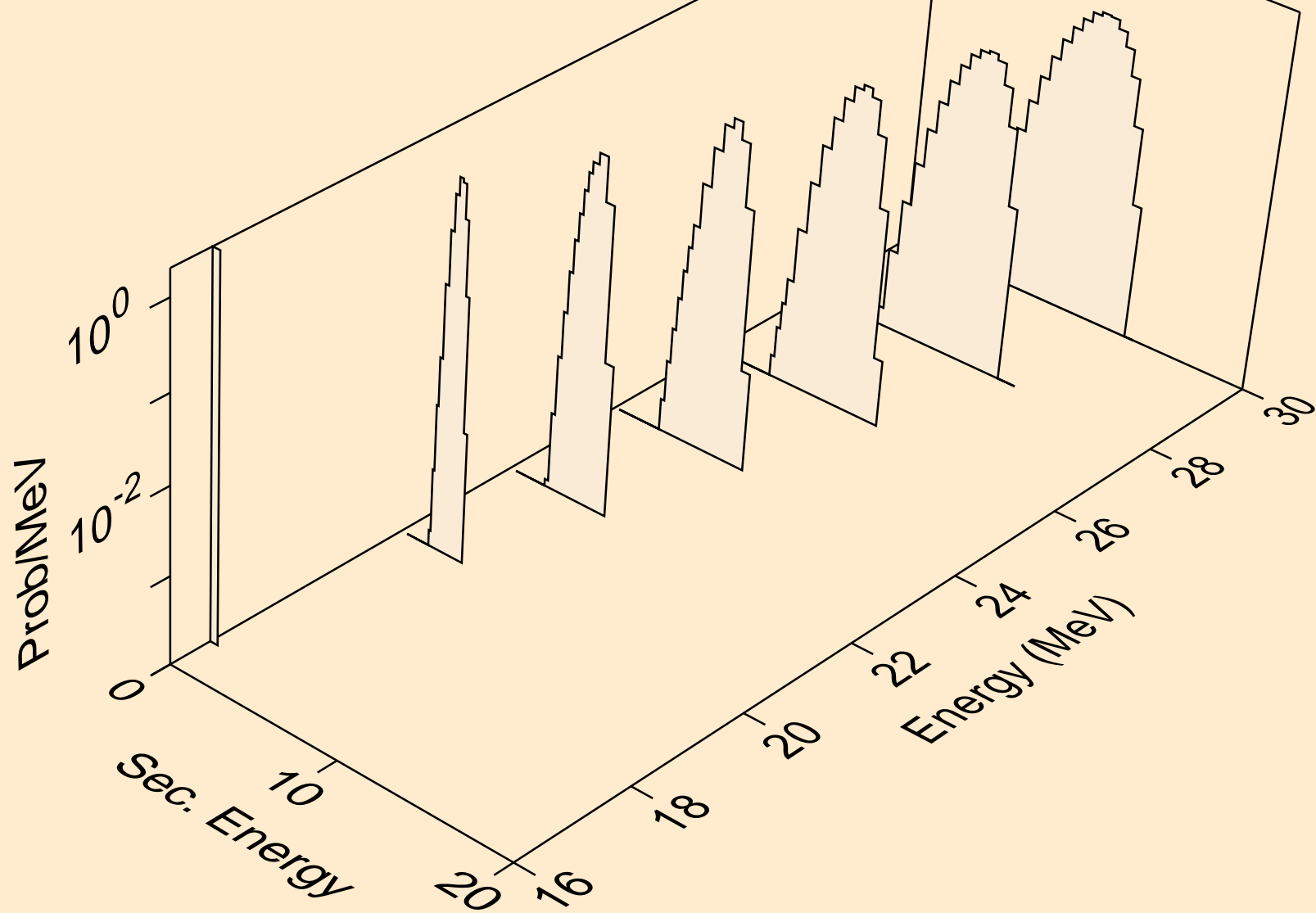
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protons from (n,n*)p



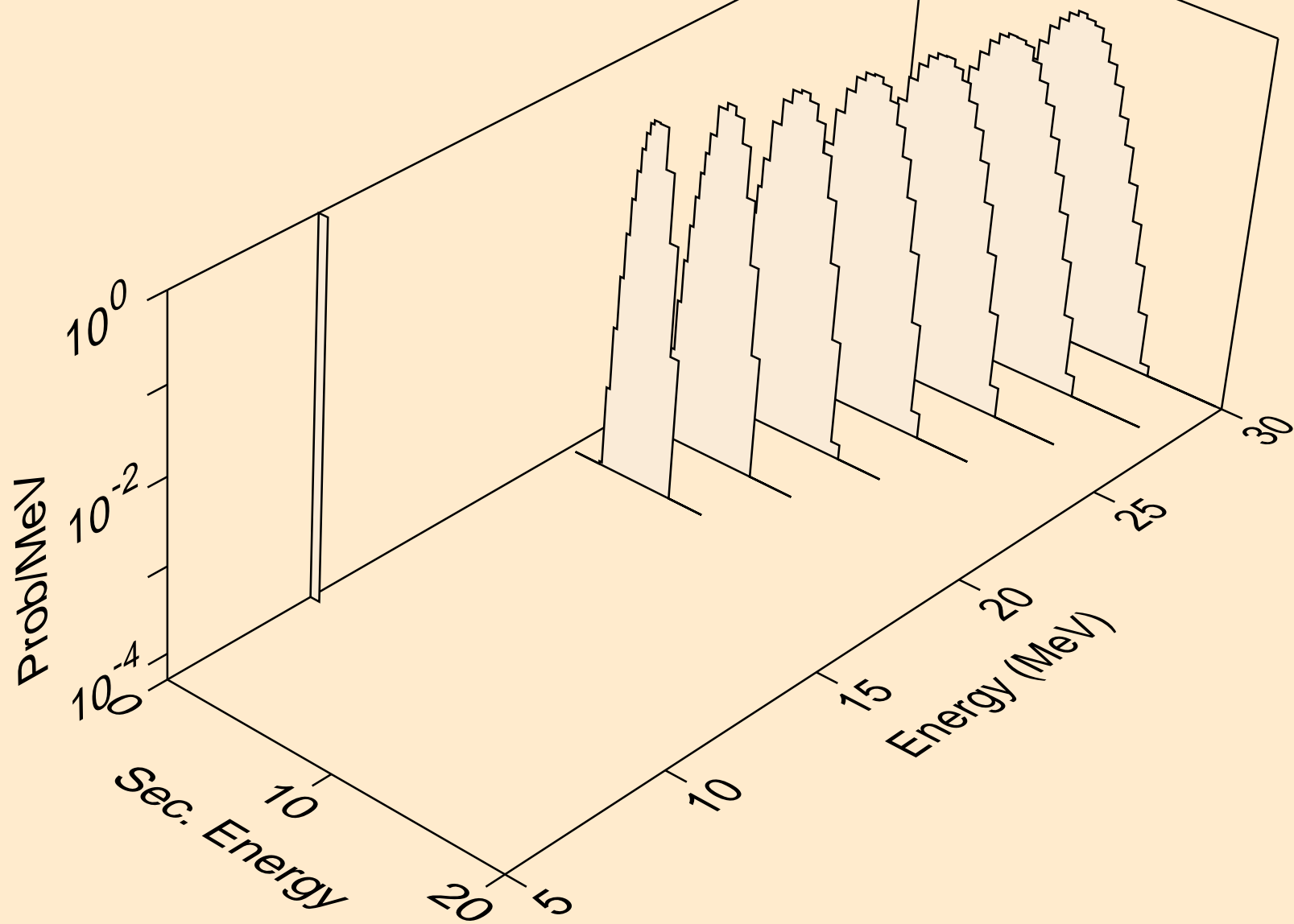
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protons from (n,2np)



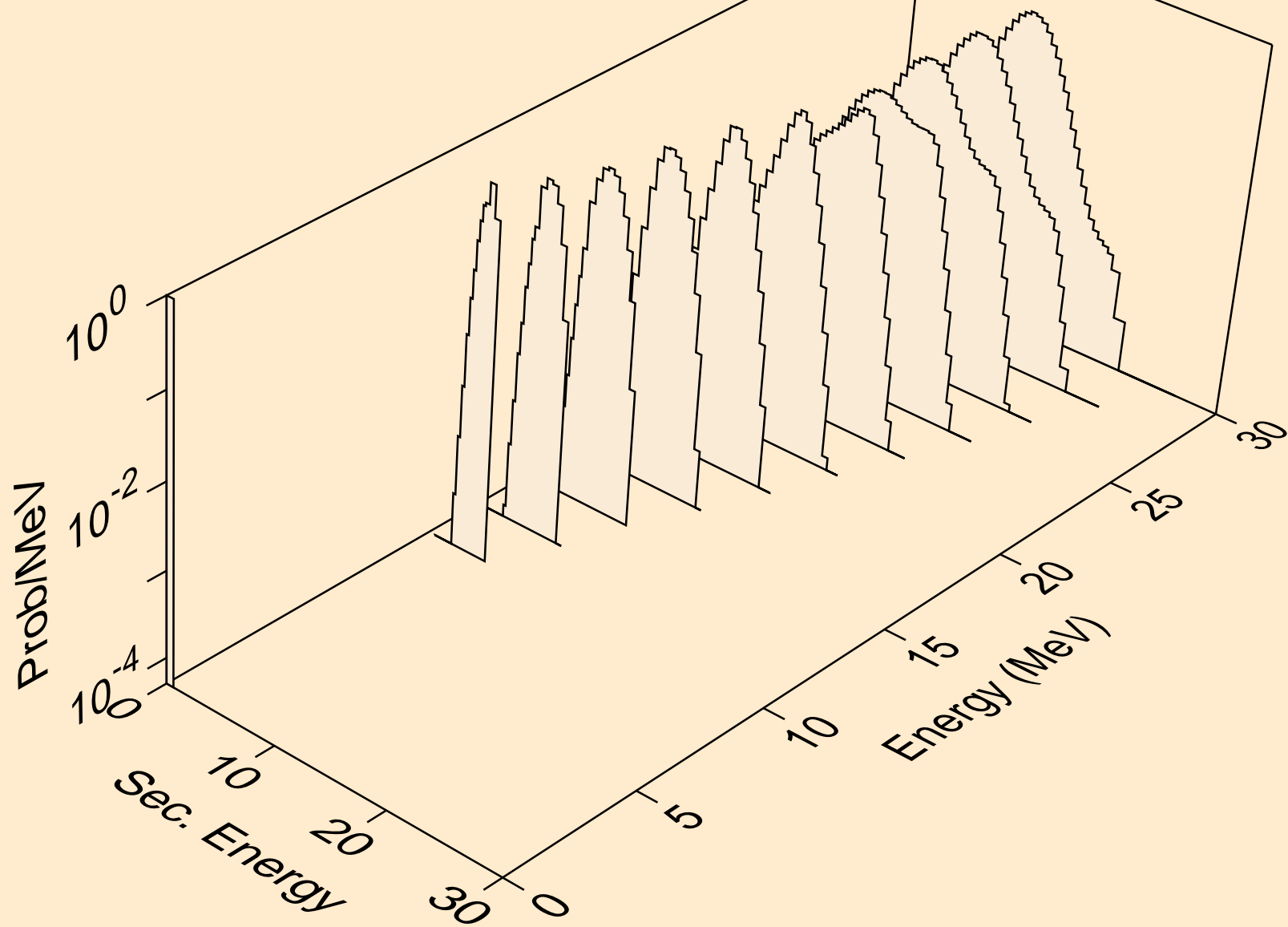
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protons from (n,3np)



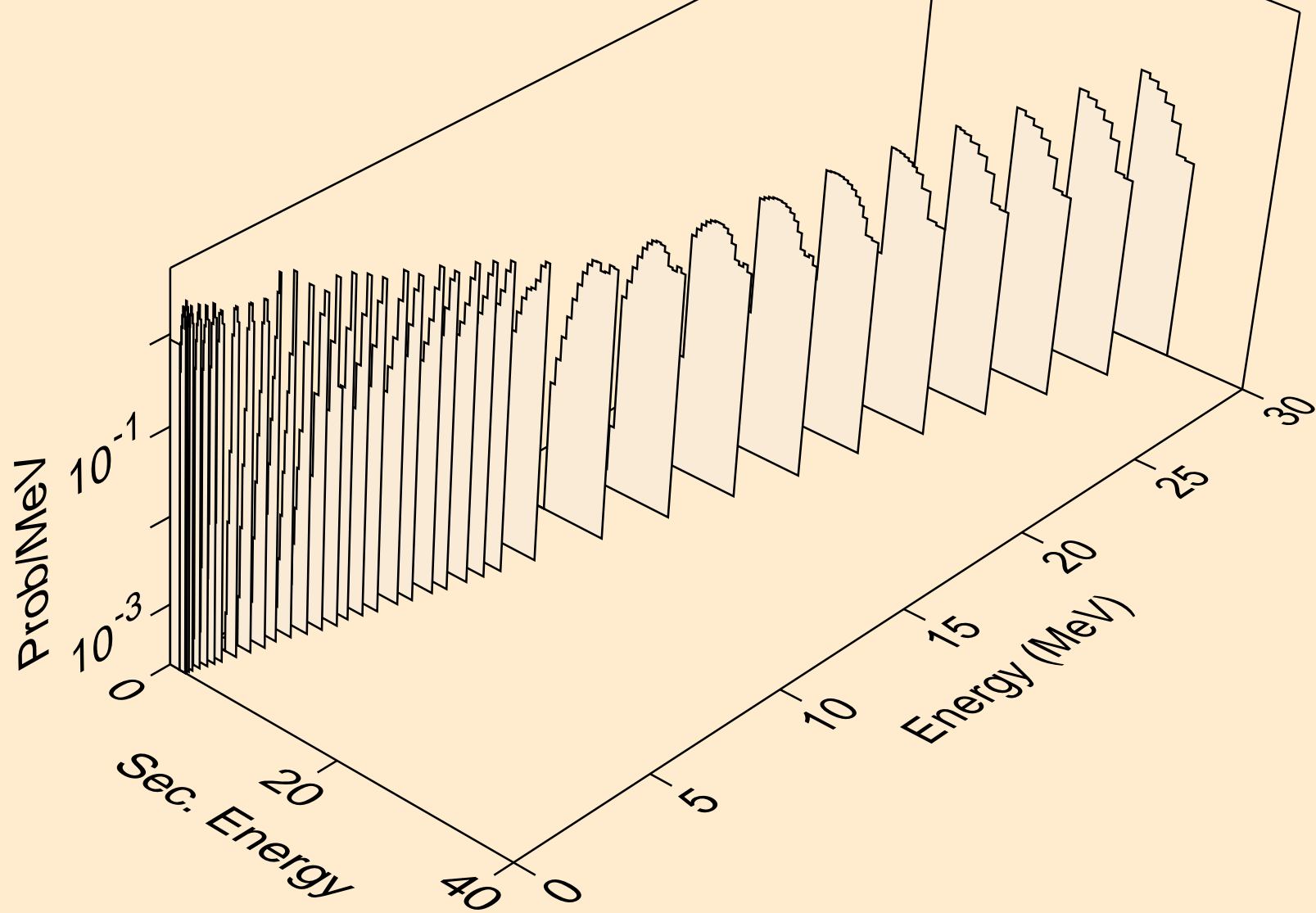
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protons from (n,n2p)



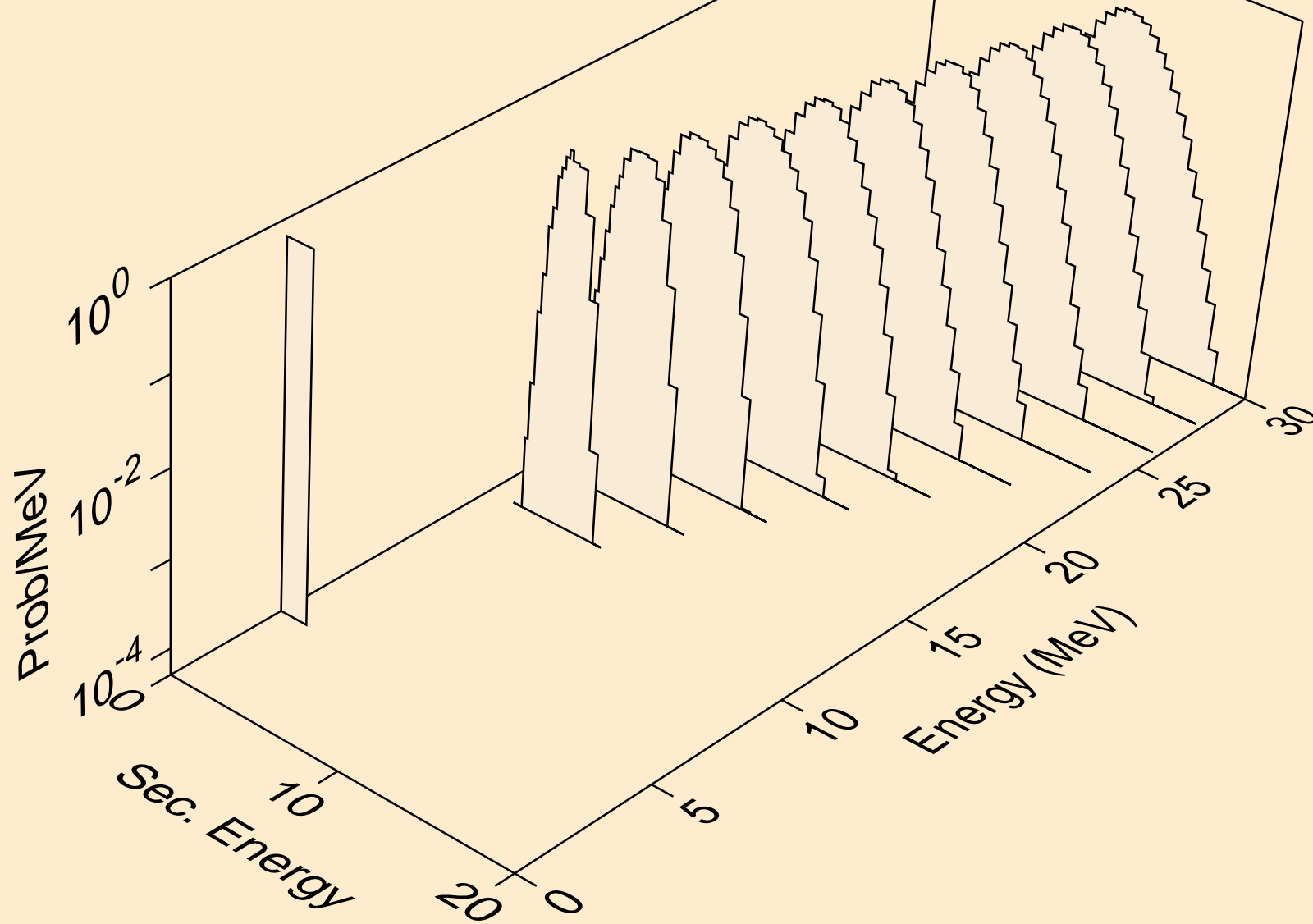
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protons from (n,npa)



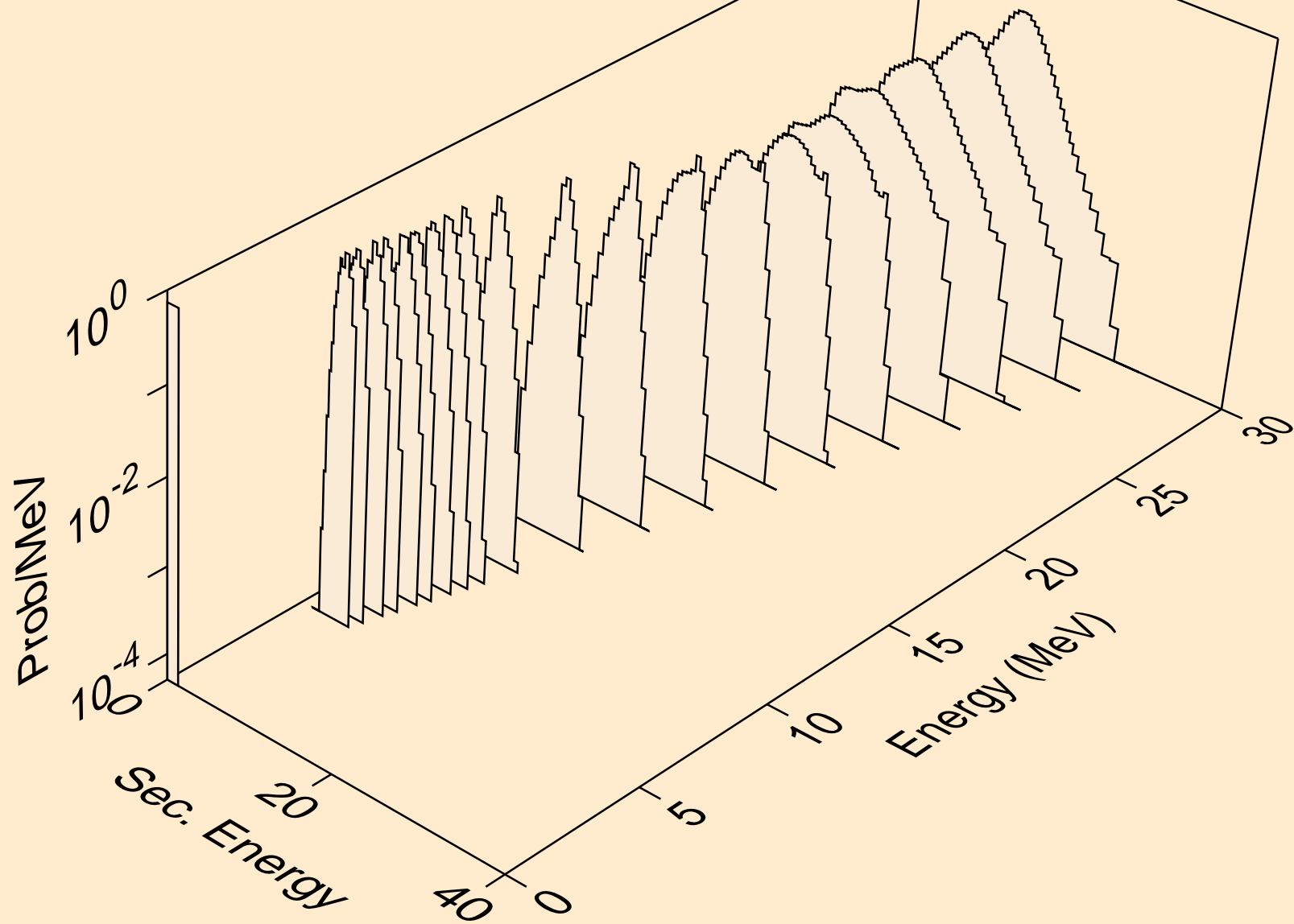
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protons from (n,p)



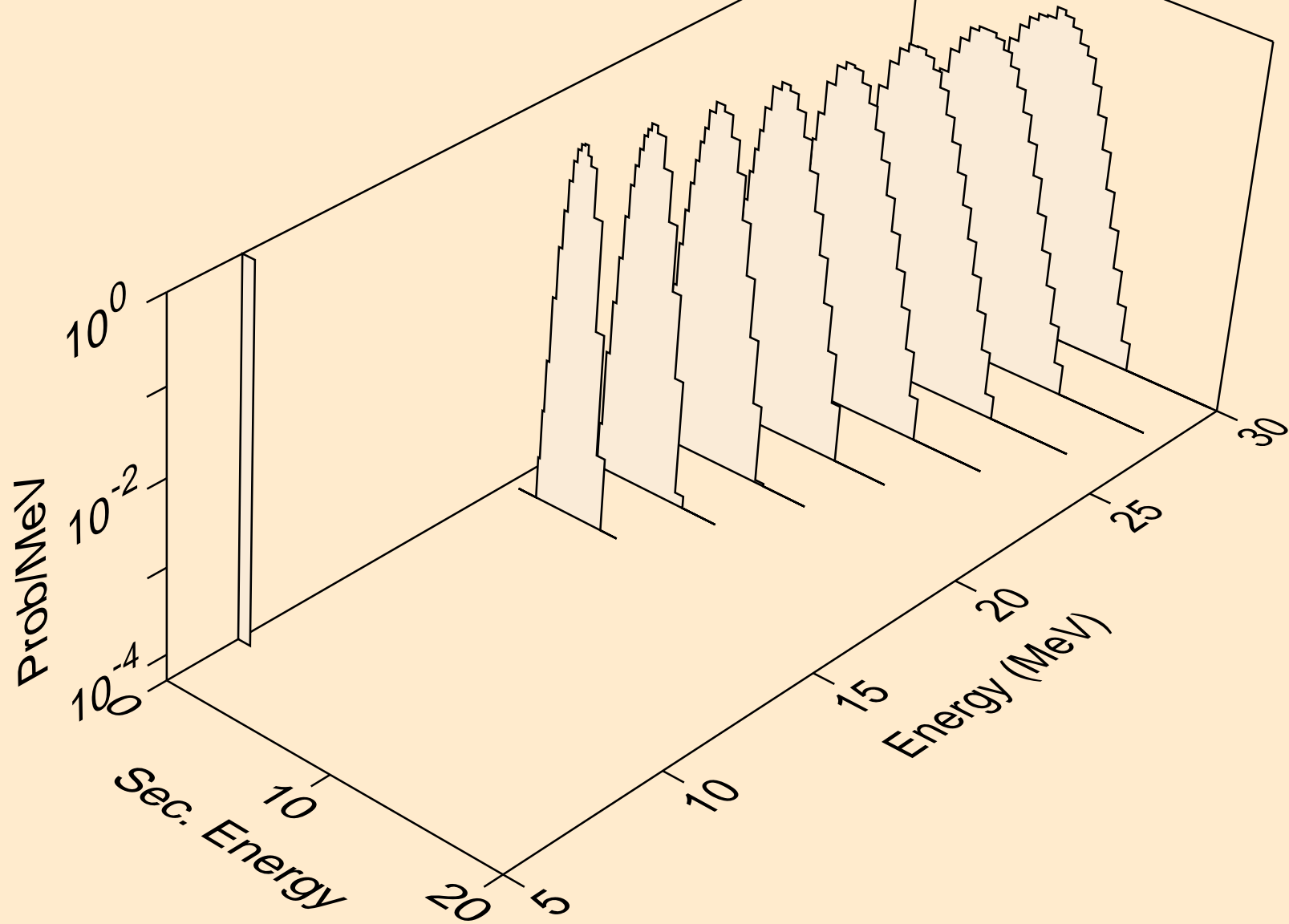
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protons from (n,2p)



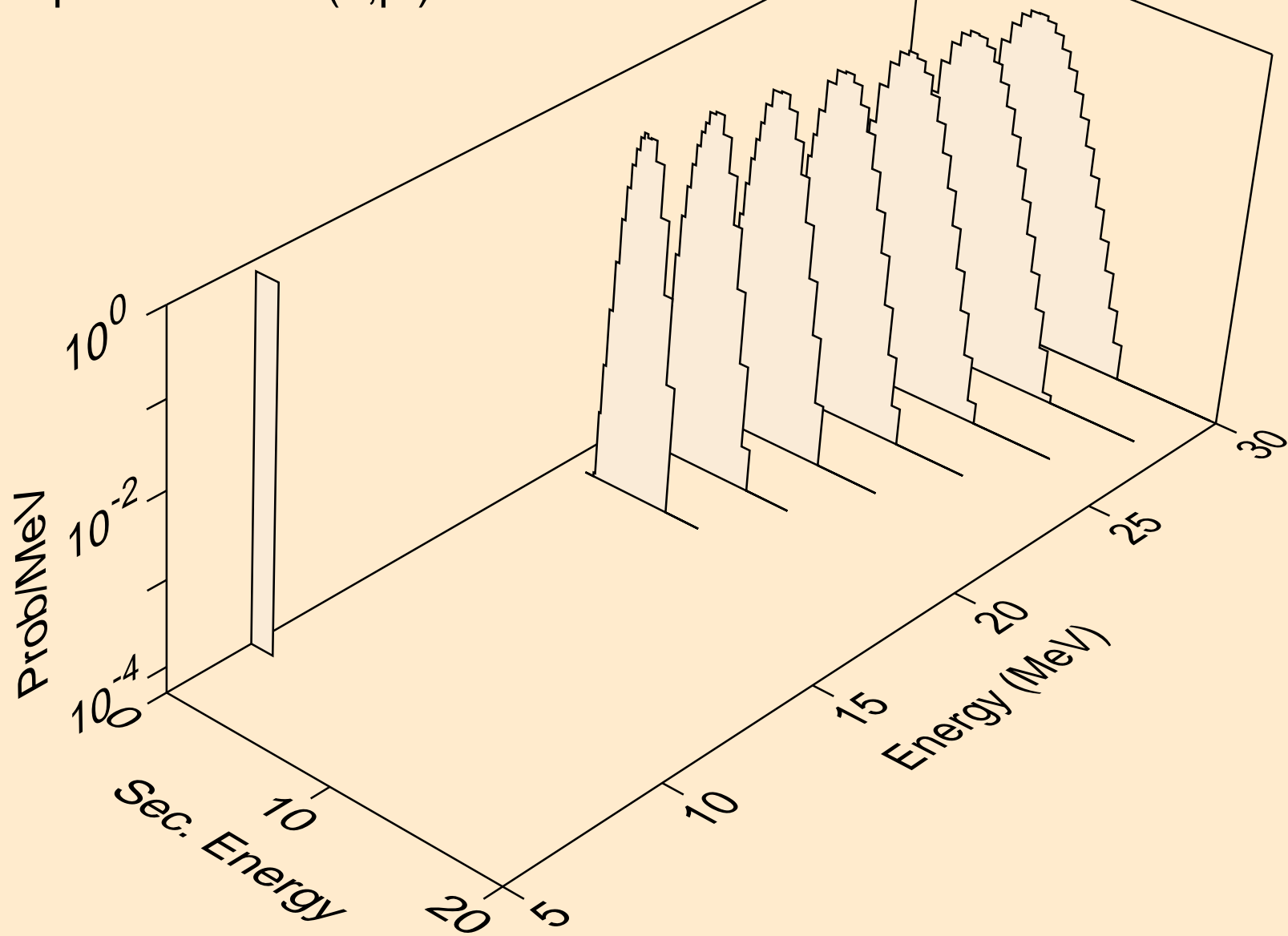
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protons from (n,pa)



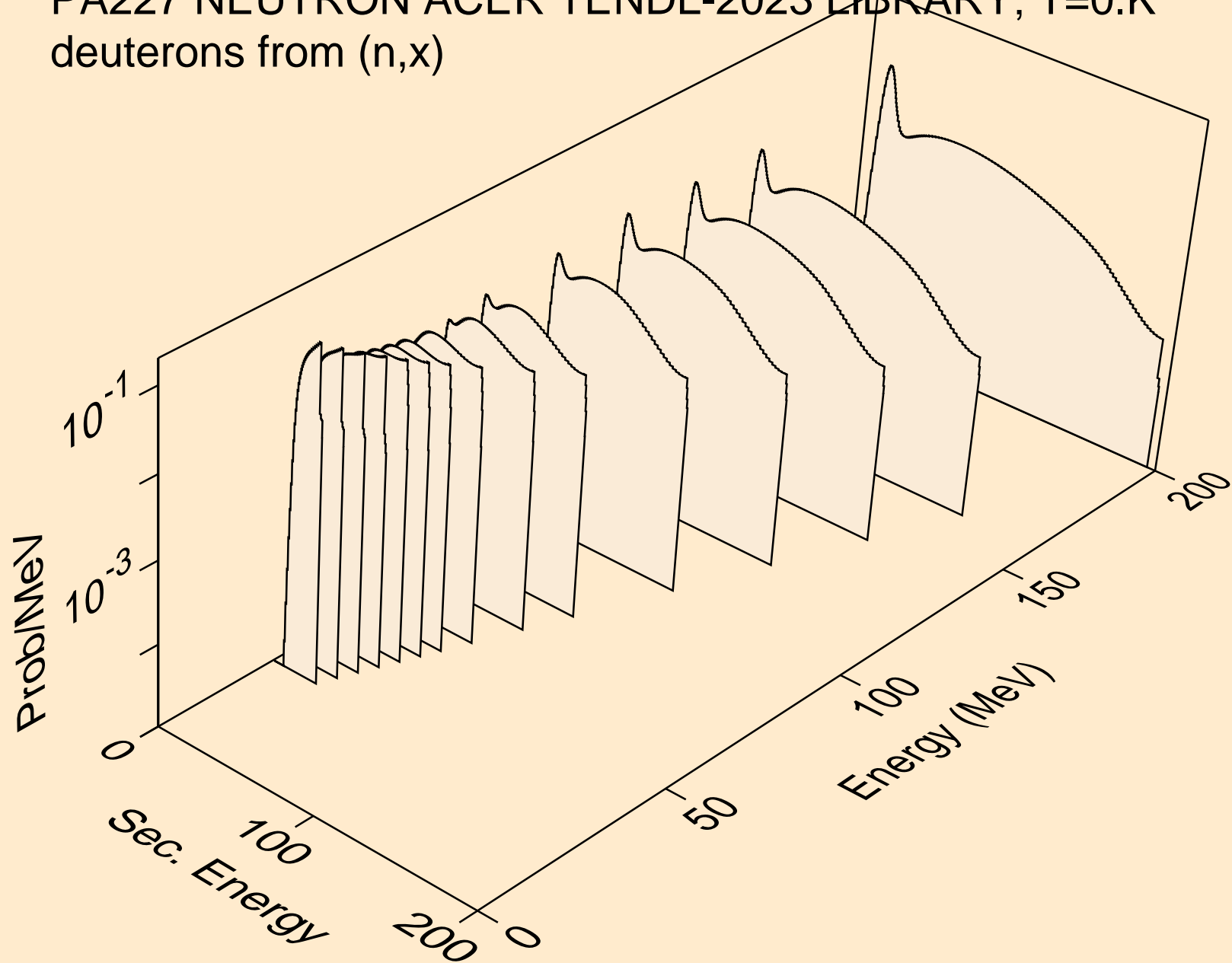
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protons from (n,pd)



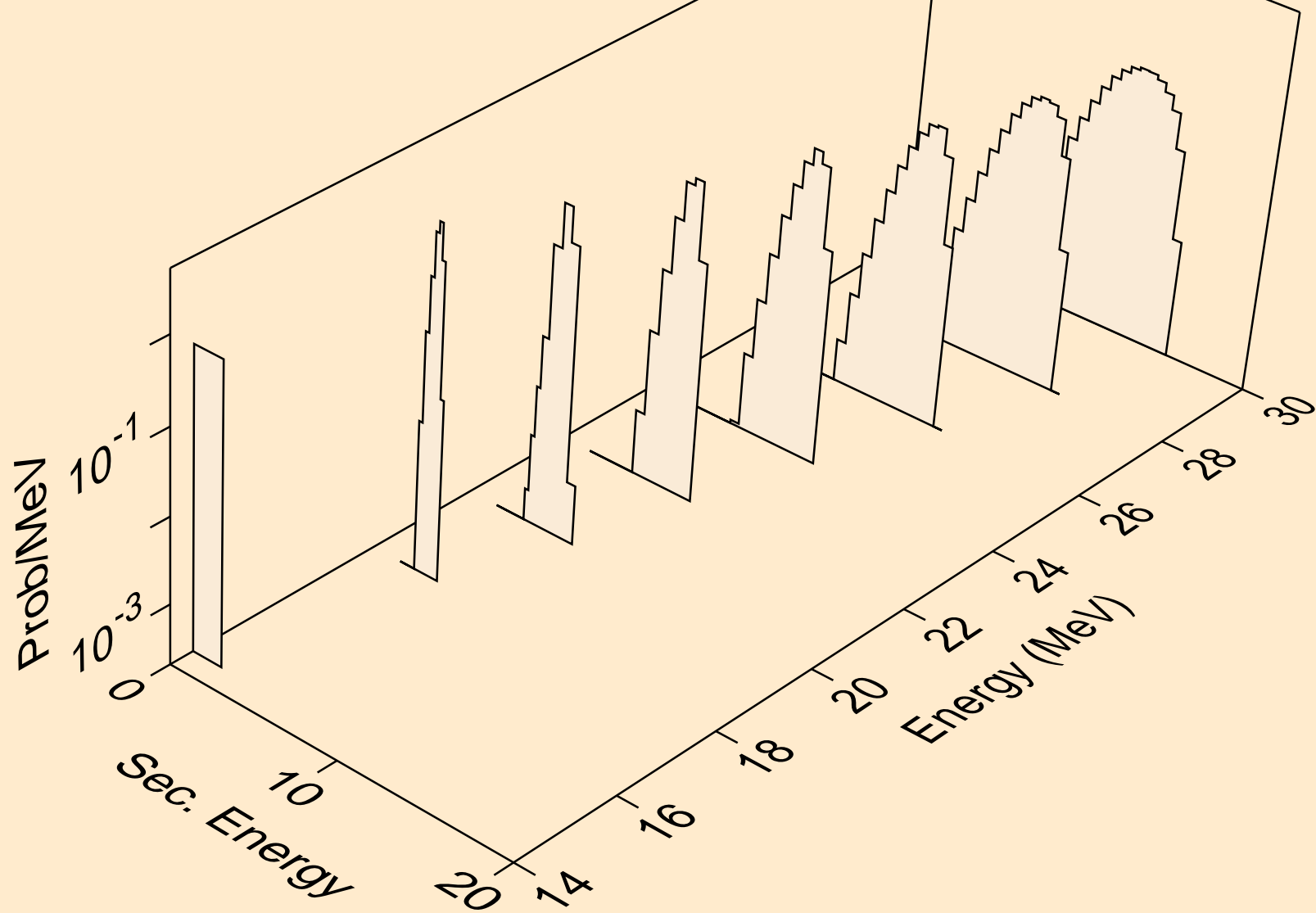
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protons from (n,pt)



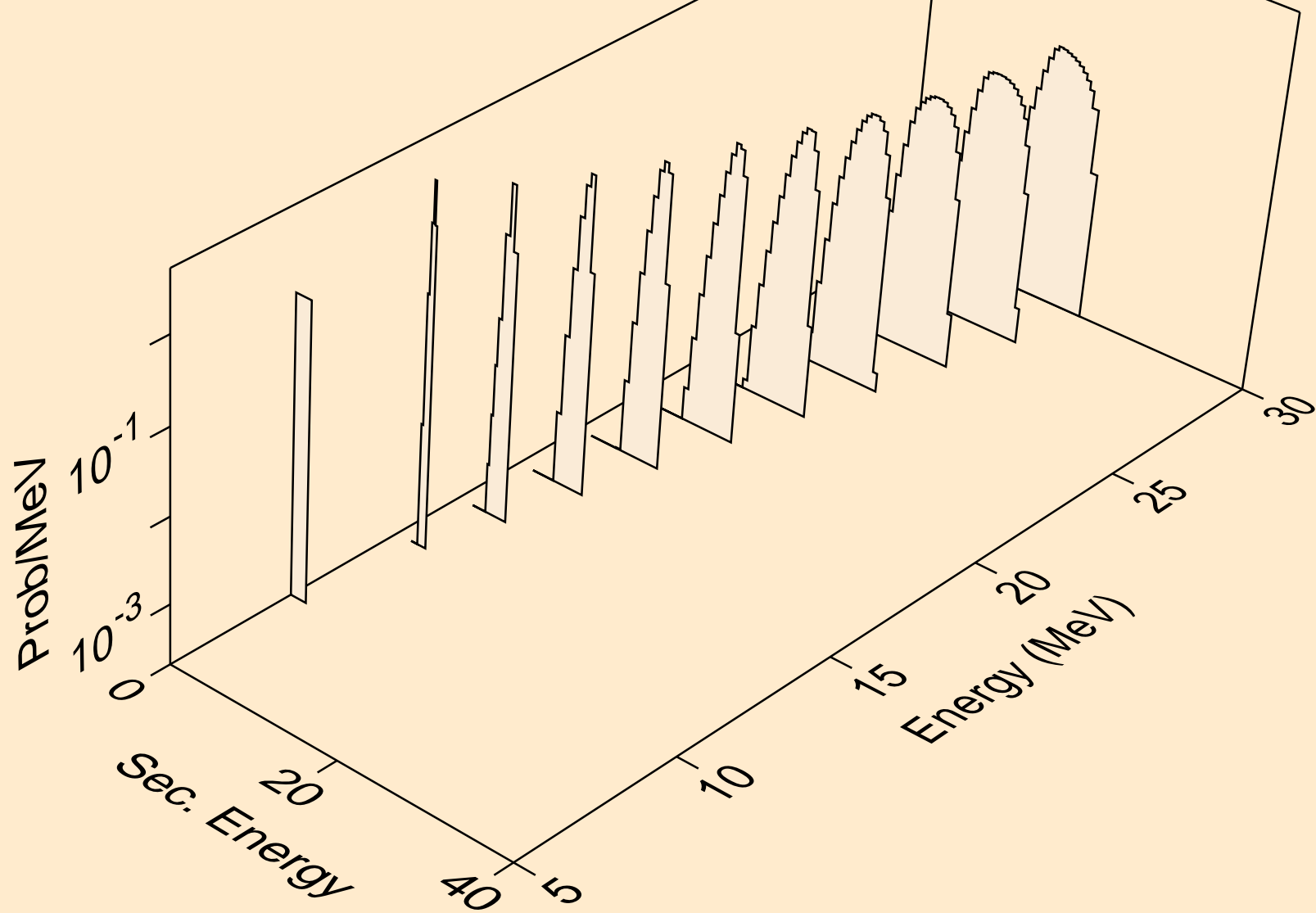
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



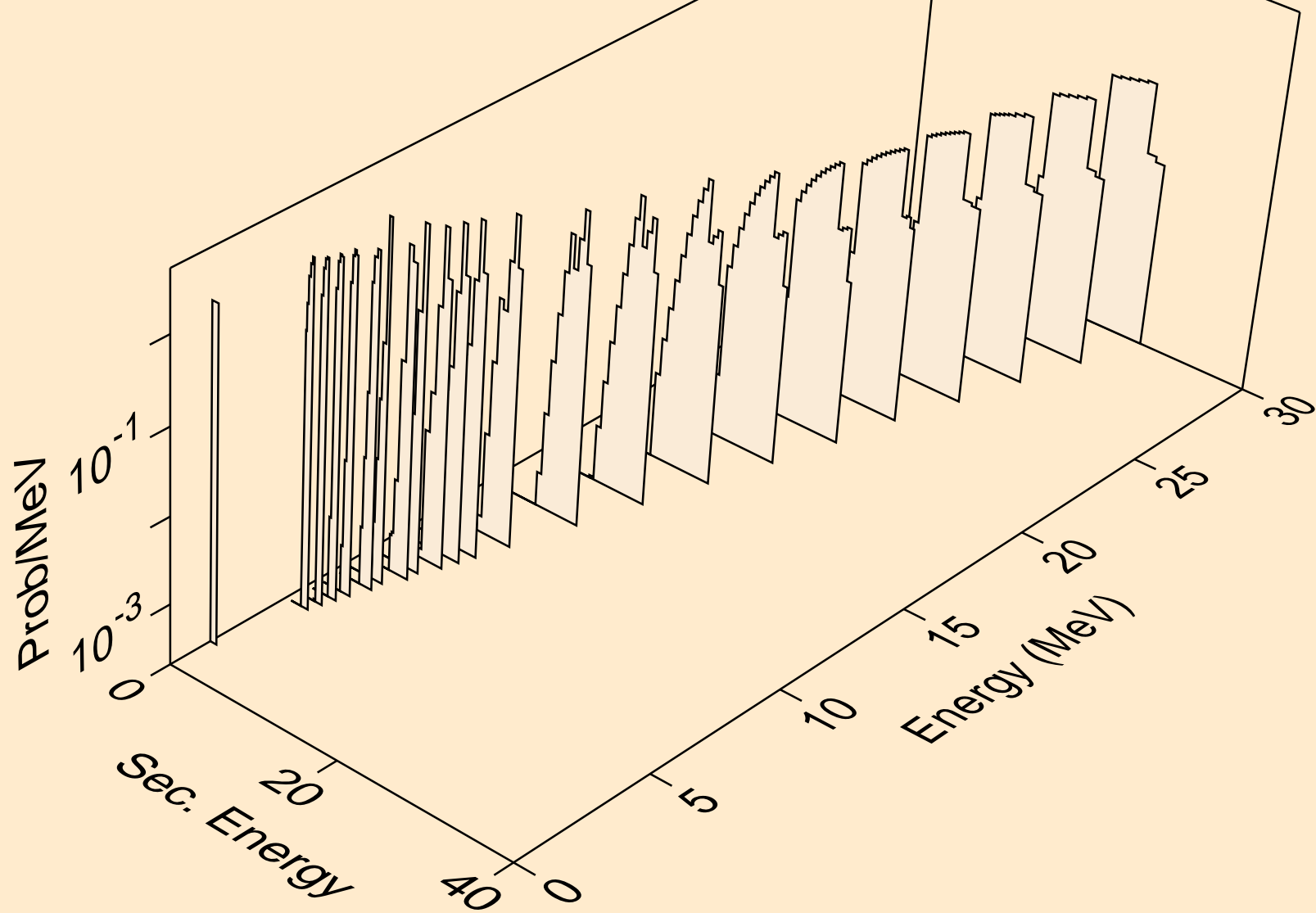
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deuterons from (n,2nd)



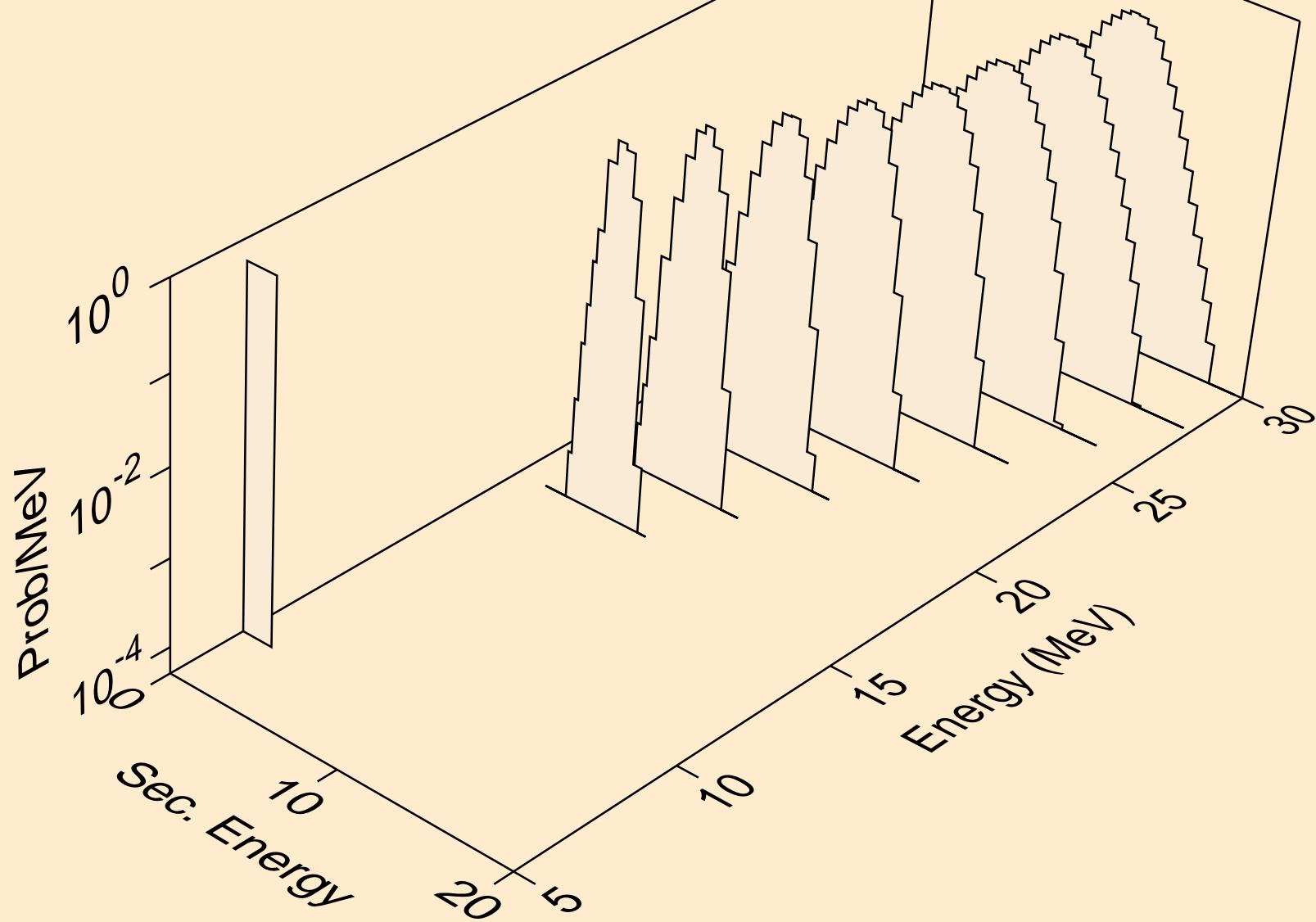
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



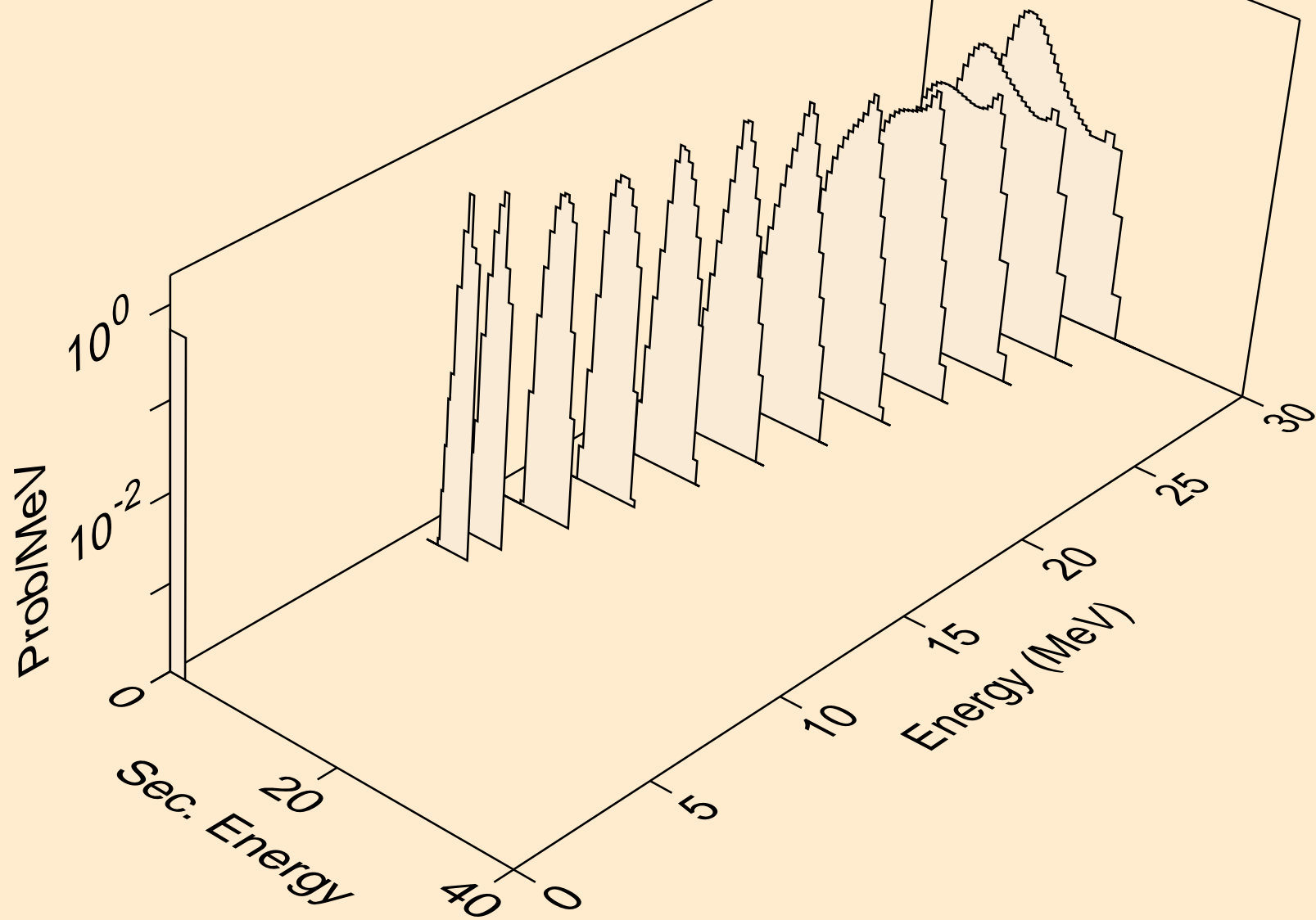
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deuterons from (n,d)



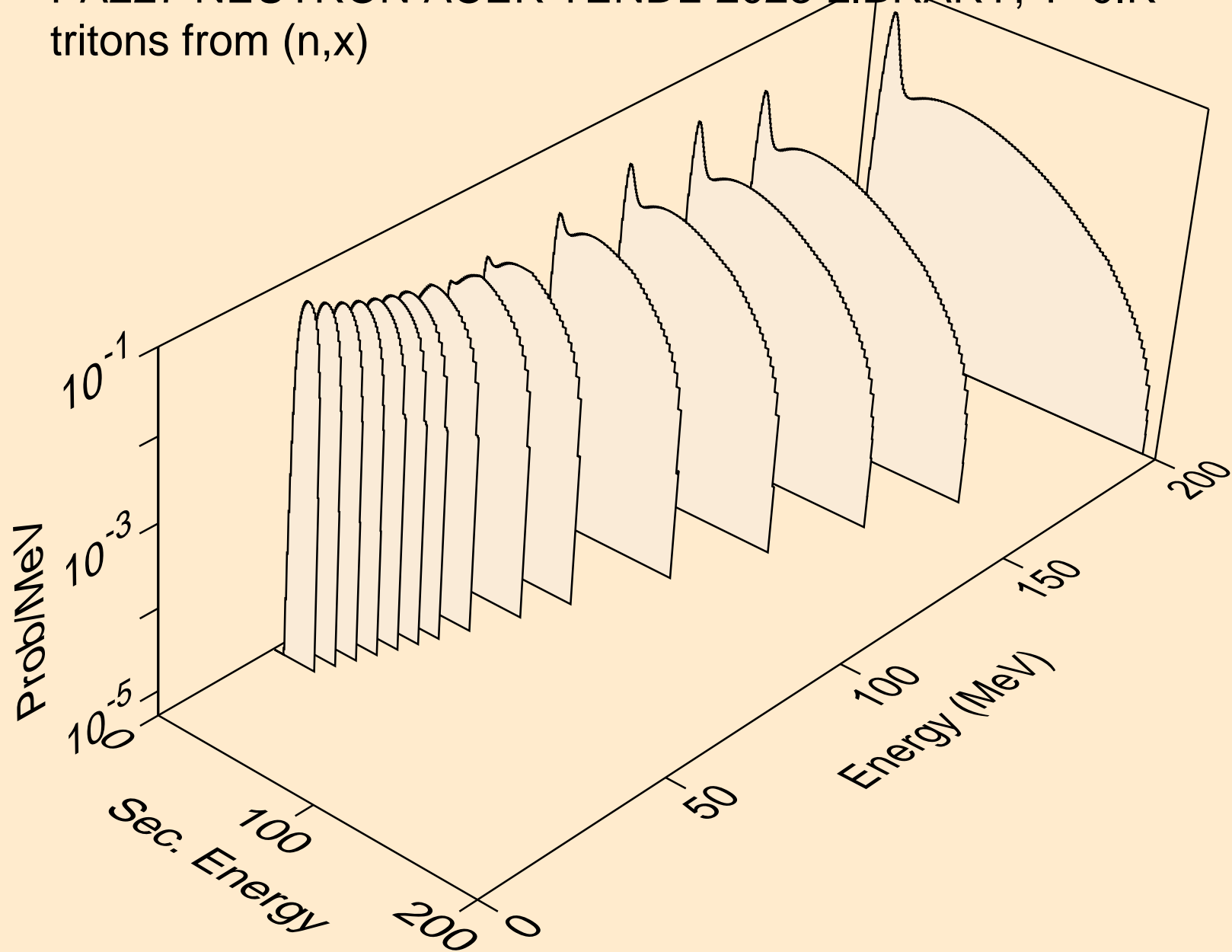
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deuterons from (n,pd)



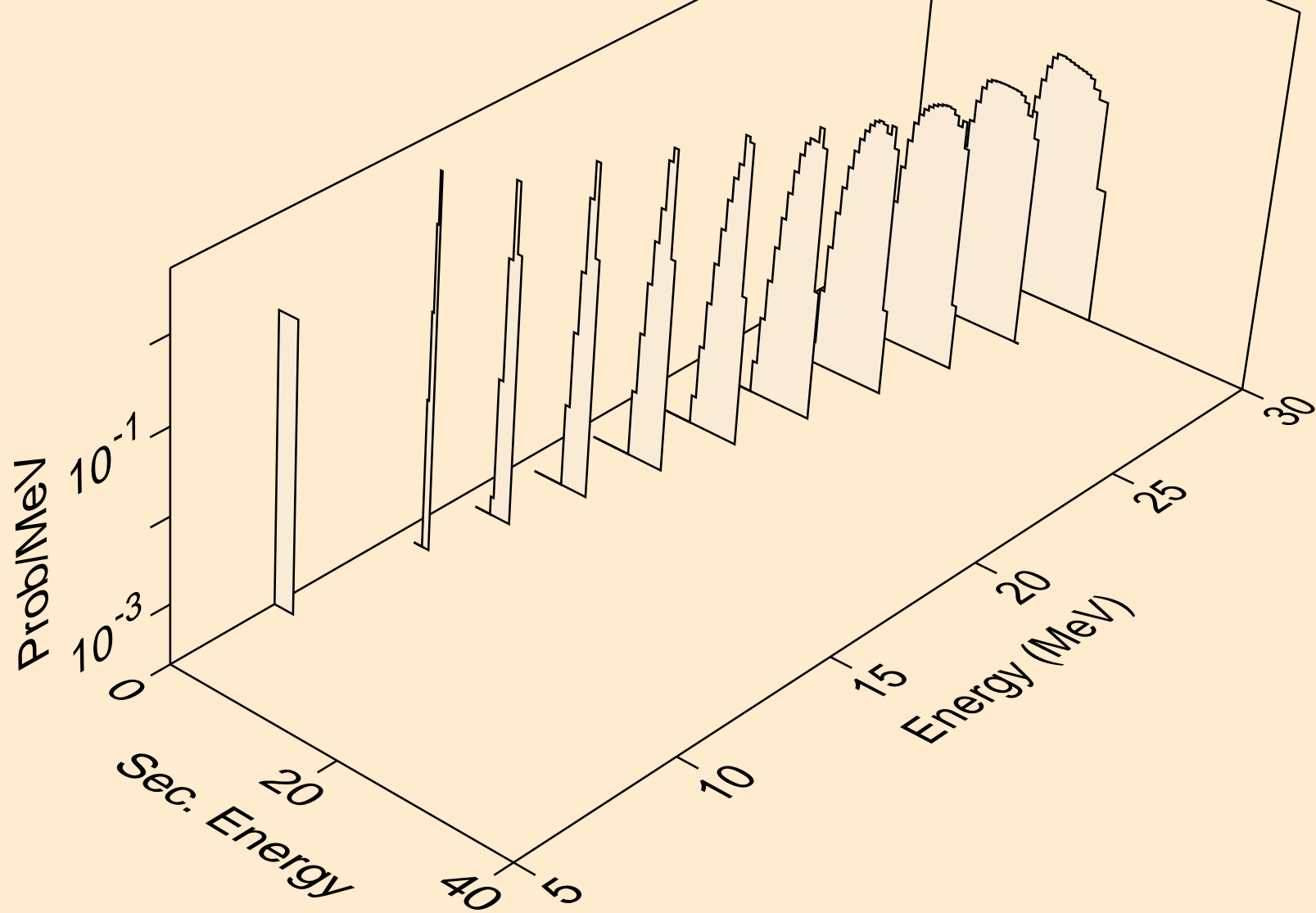
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deuterons from (n,da)



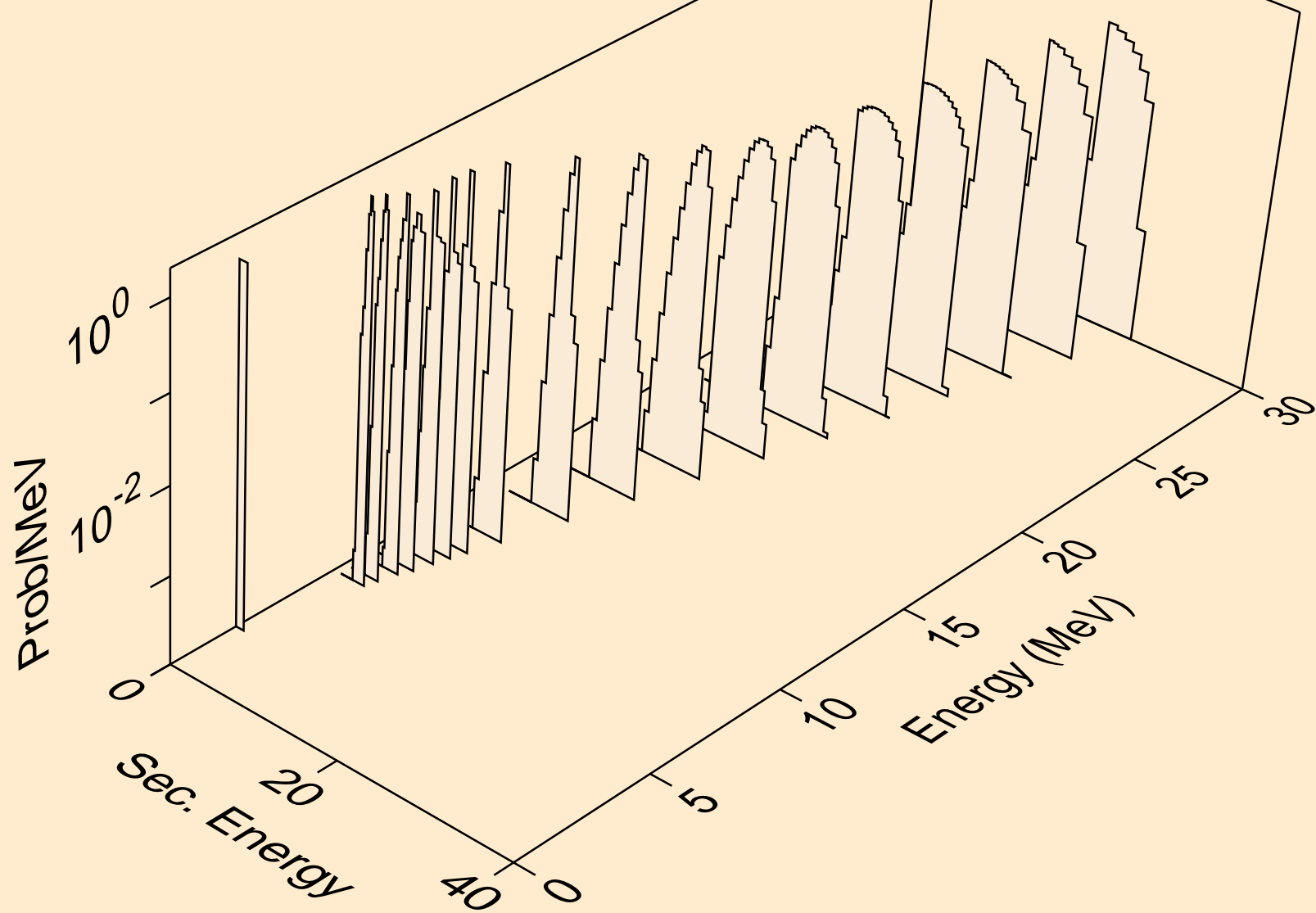
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tritons from (n,x)



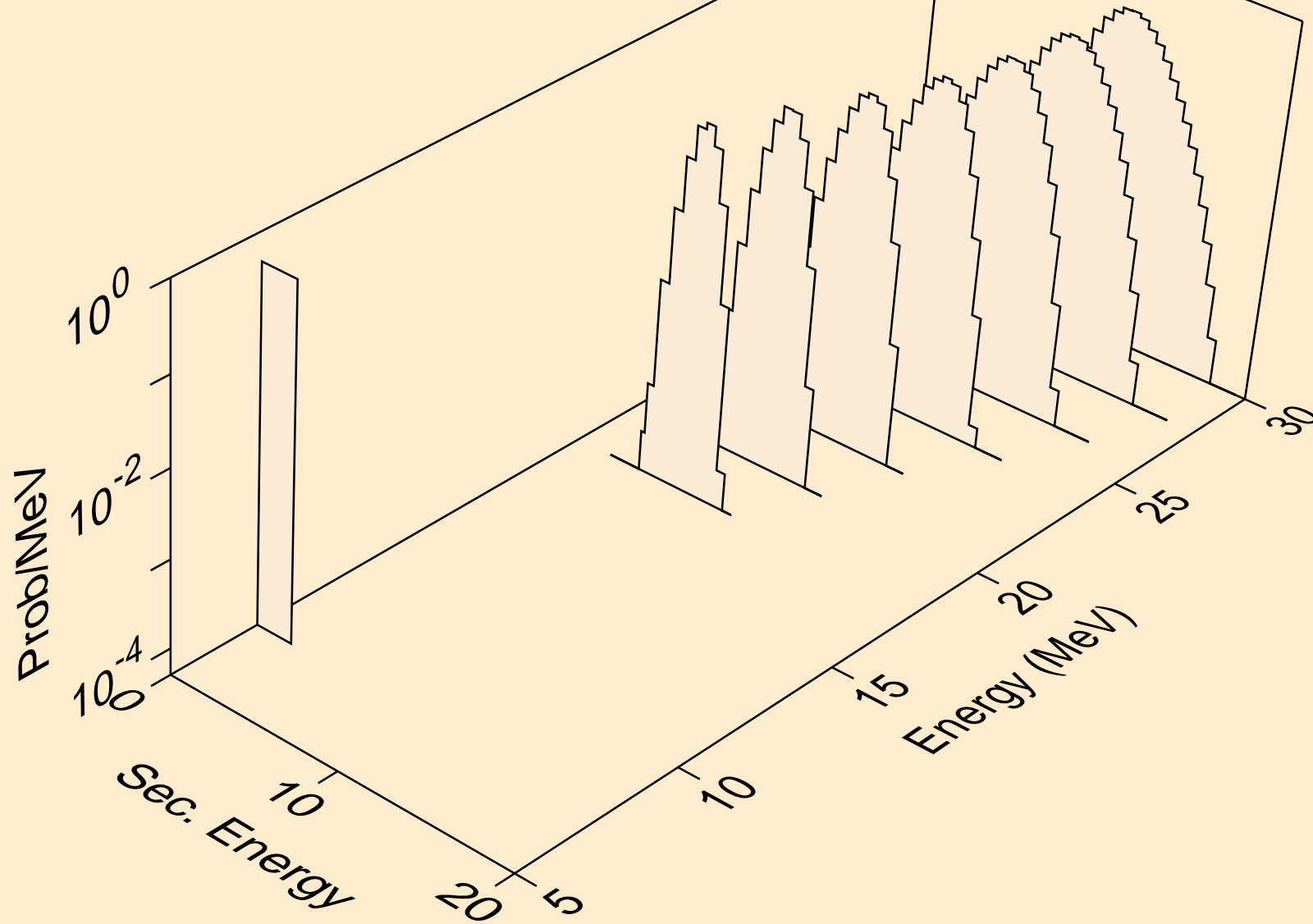
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tritons from (n,n*)t



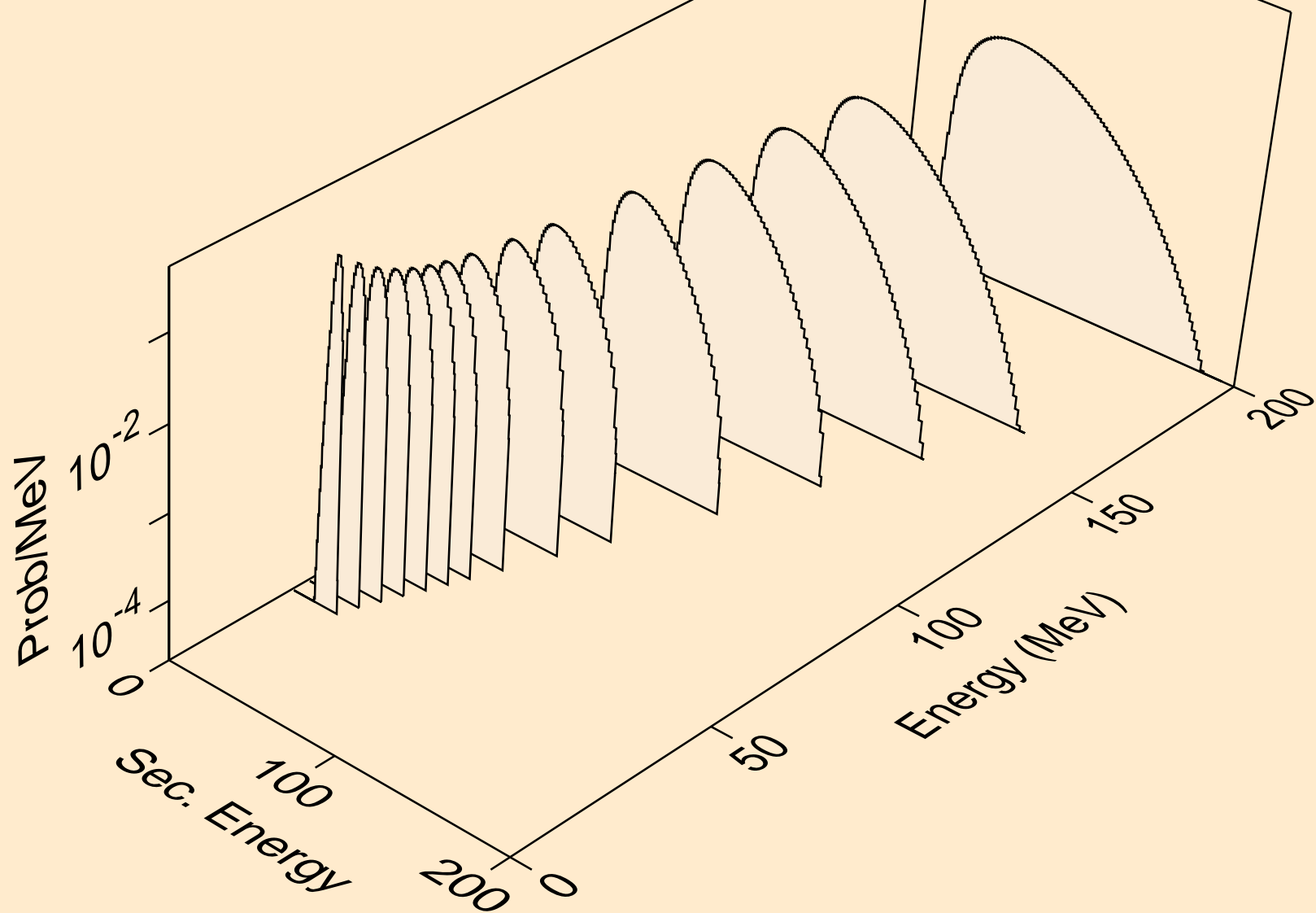
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,t)



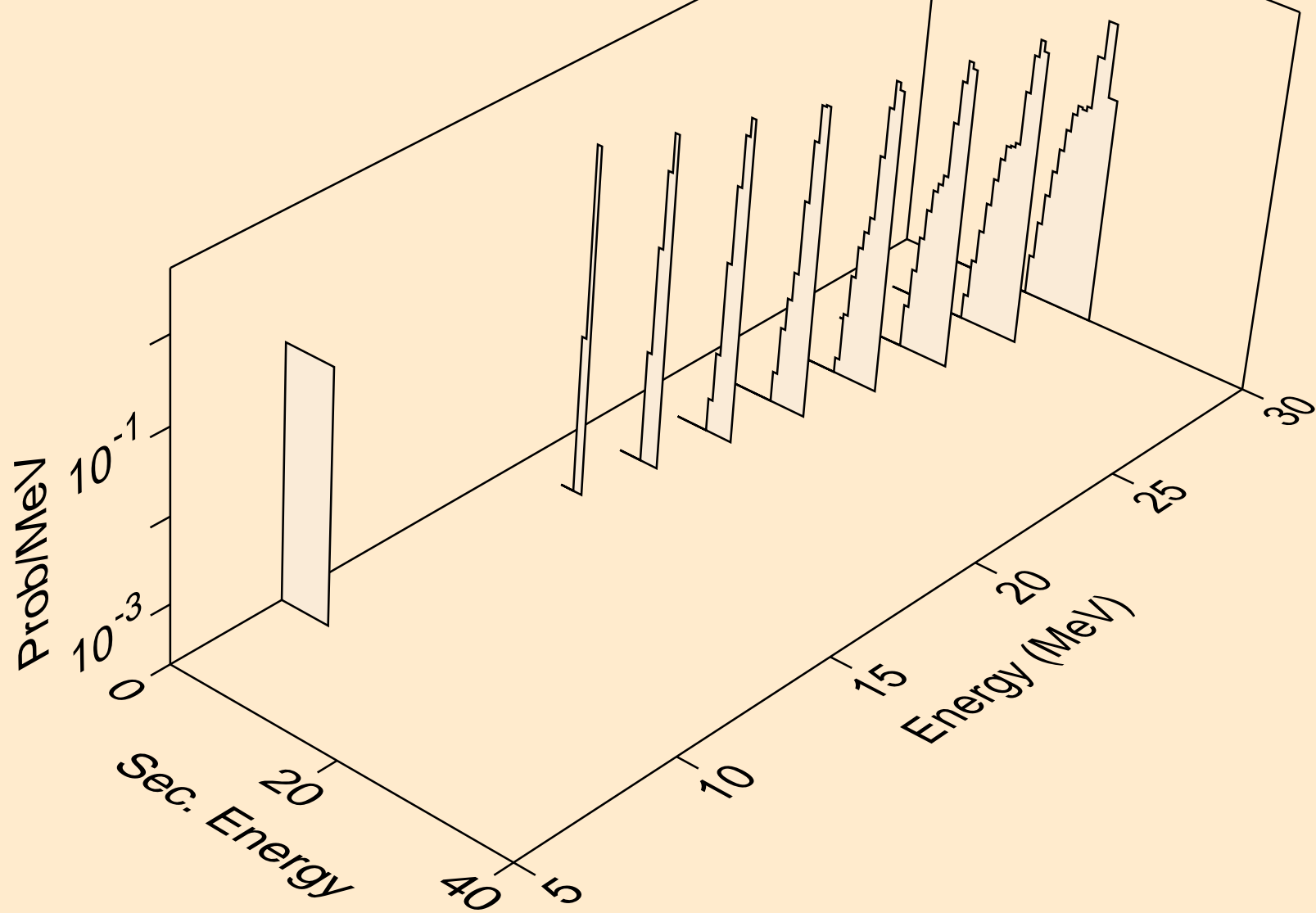
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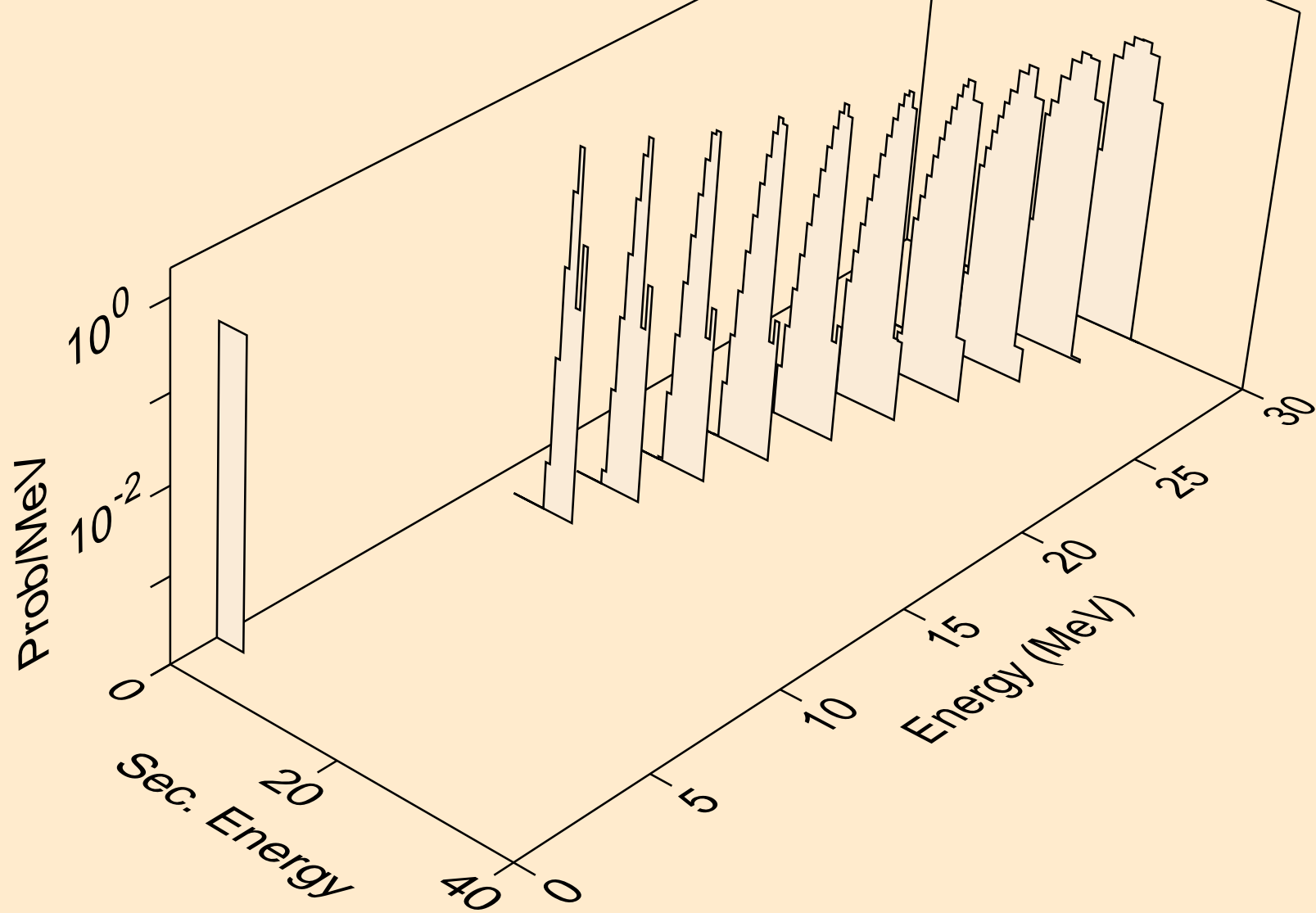
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he3s from (n,x)



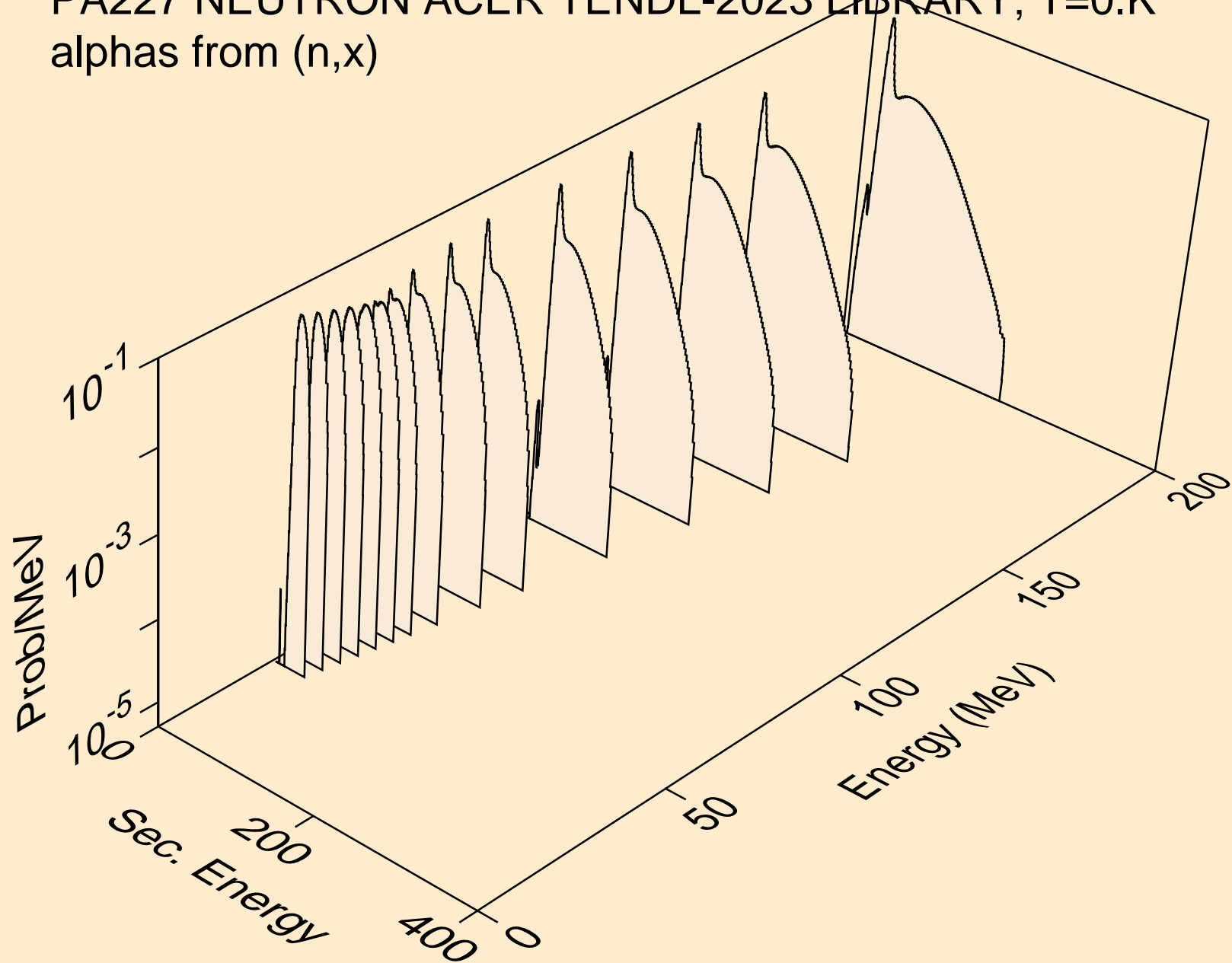
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he3s from (n,n*)he3



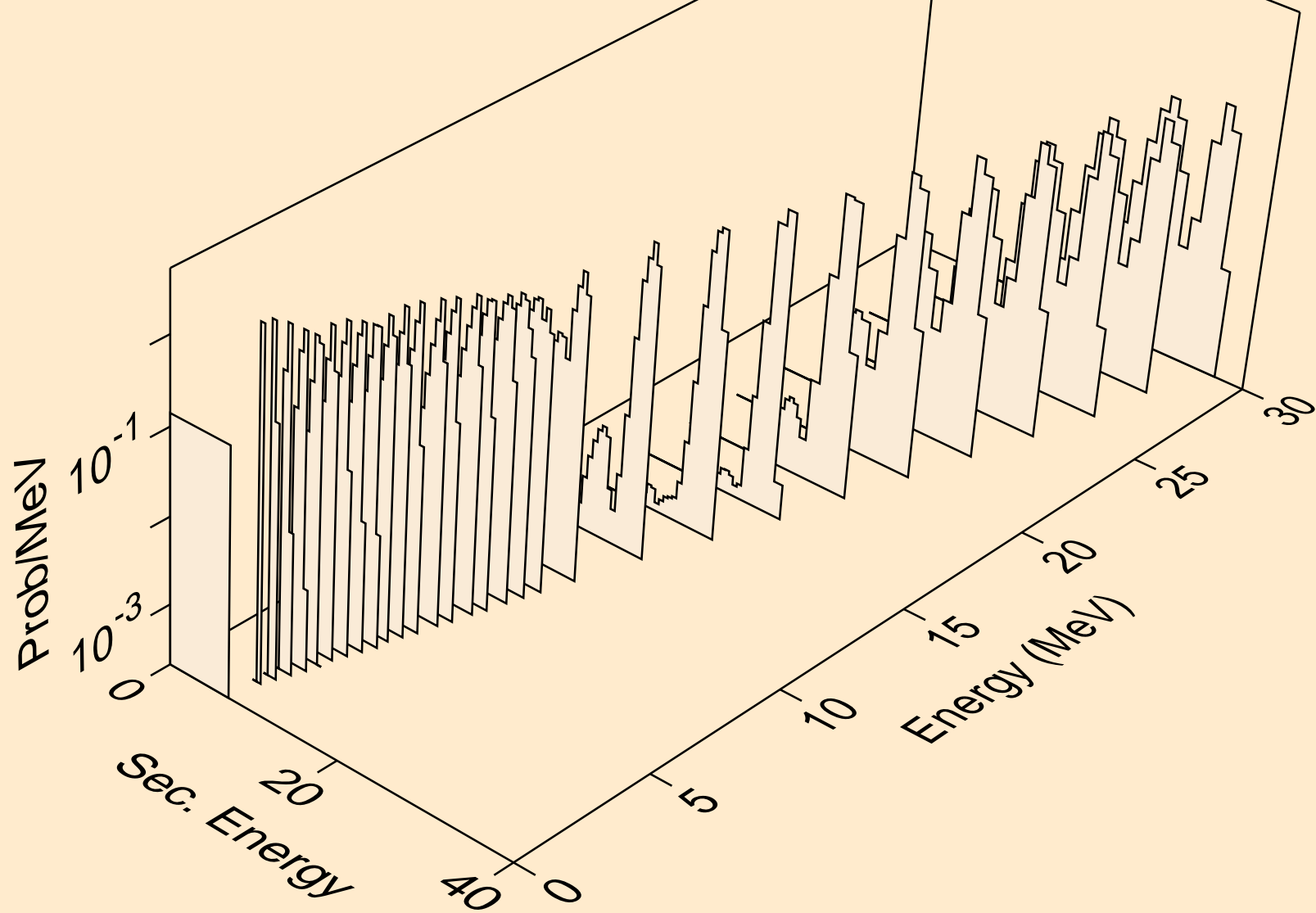
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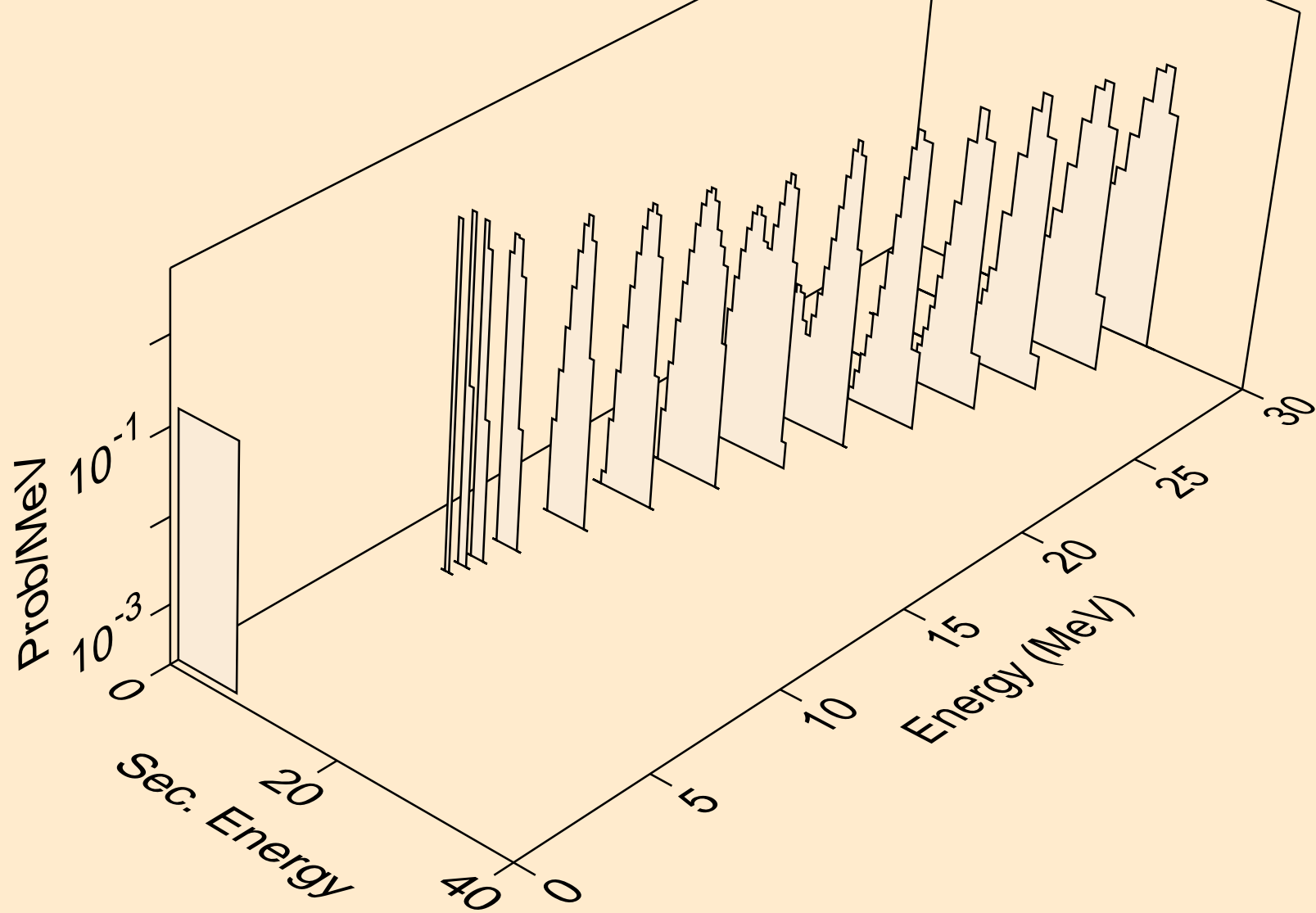
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



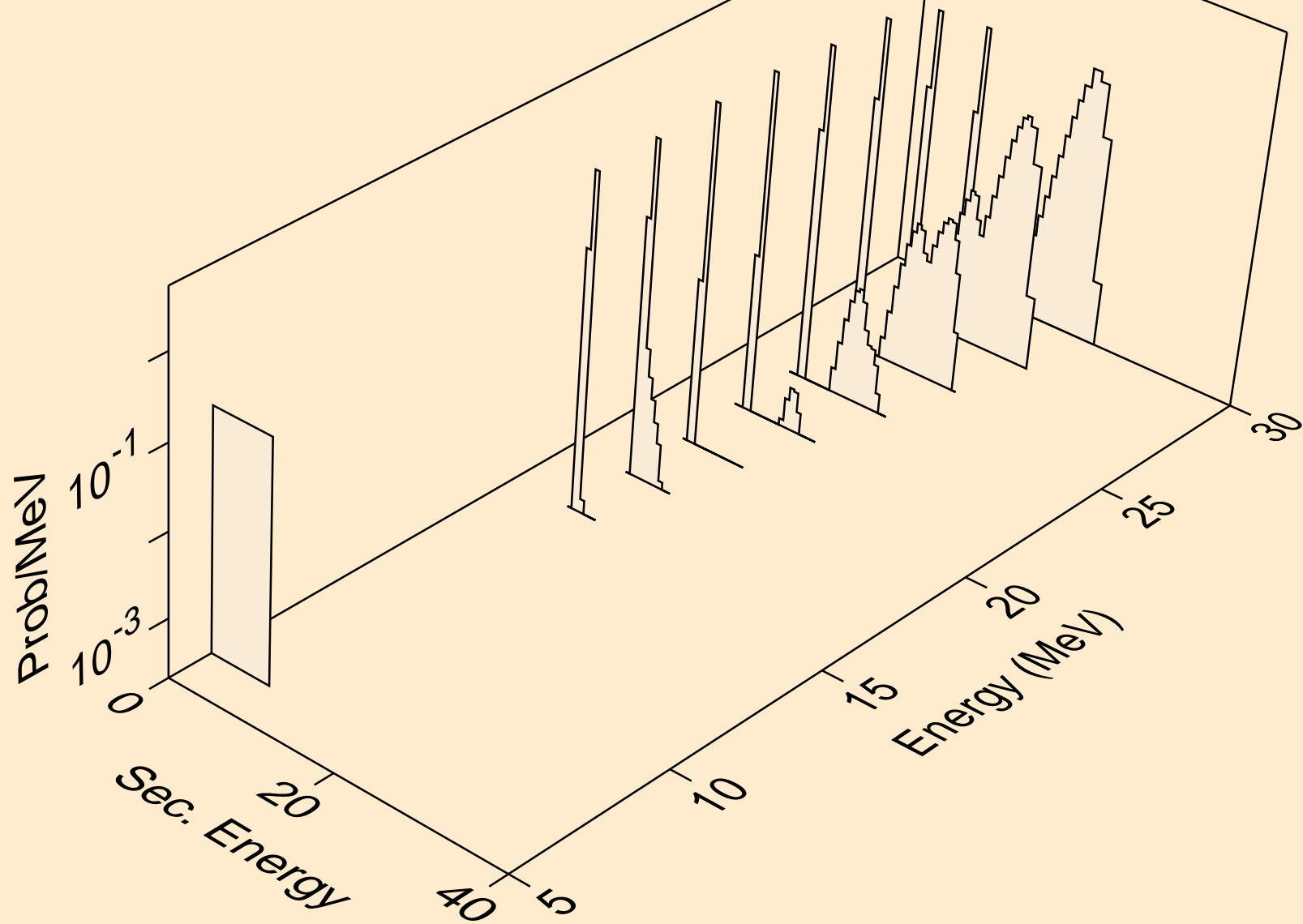
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



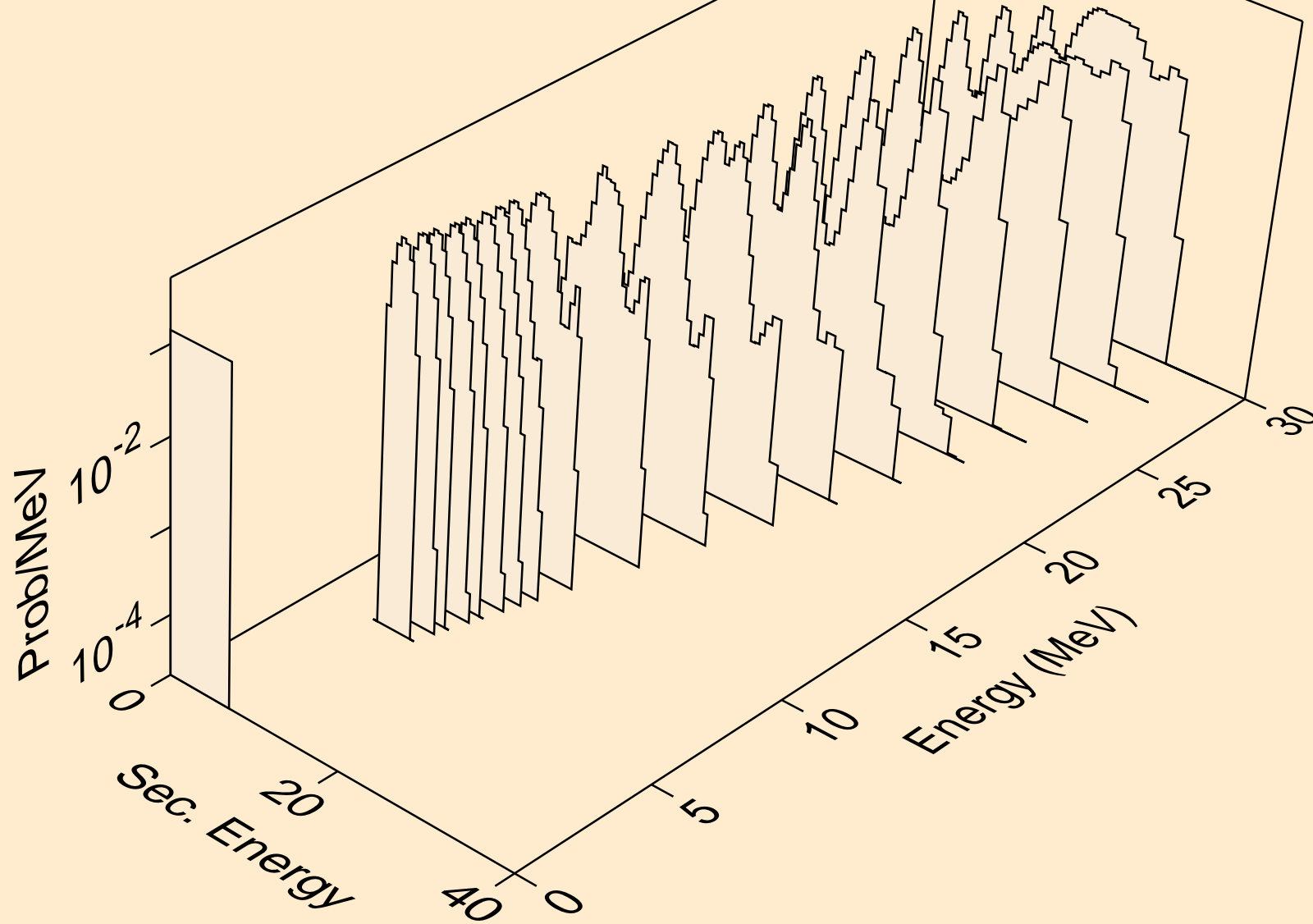
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alphas from (n,2n)a



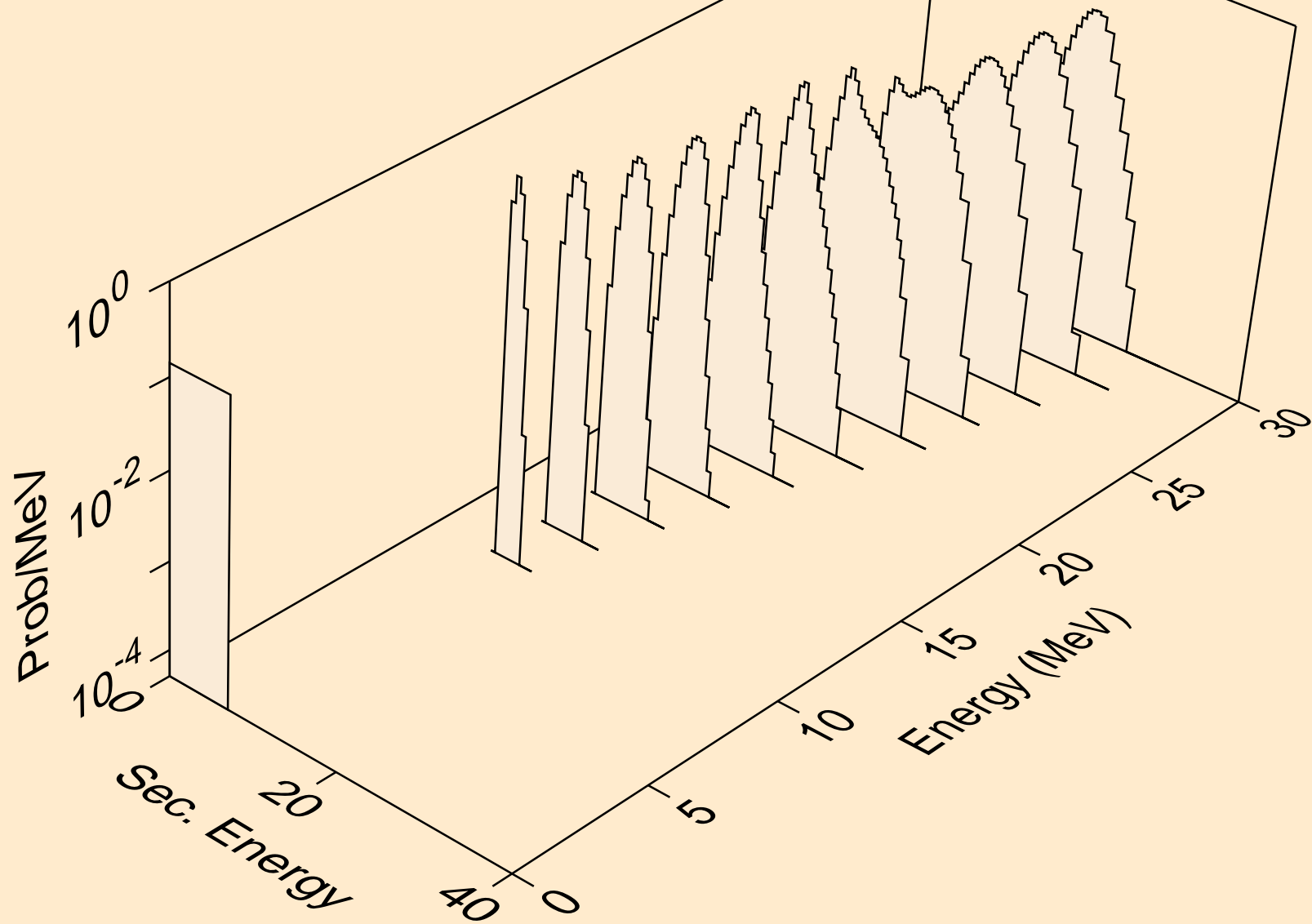
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alphas from (n,3n)a



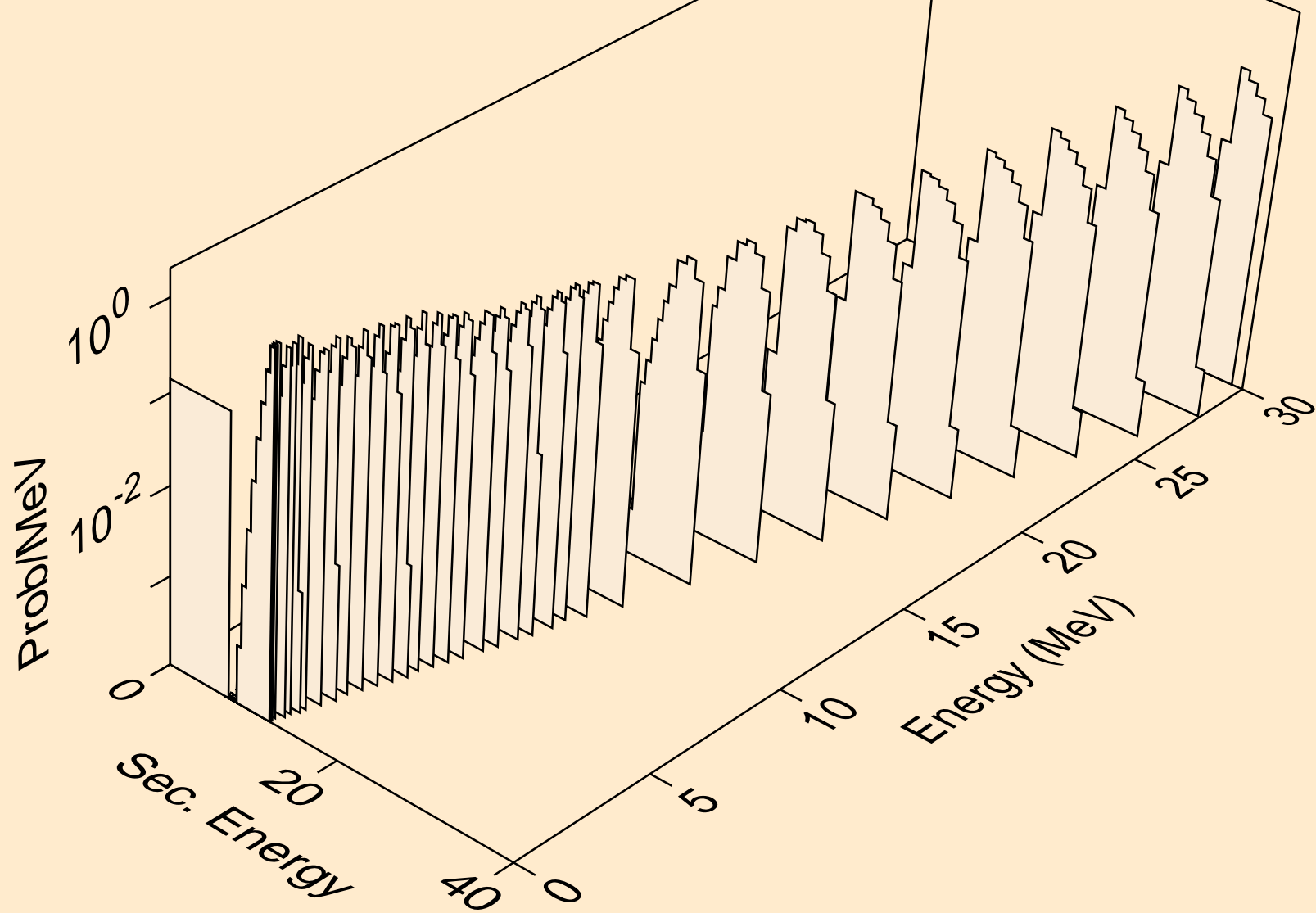
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



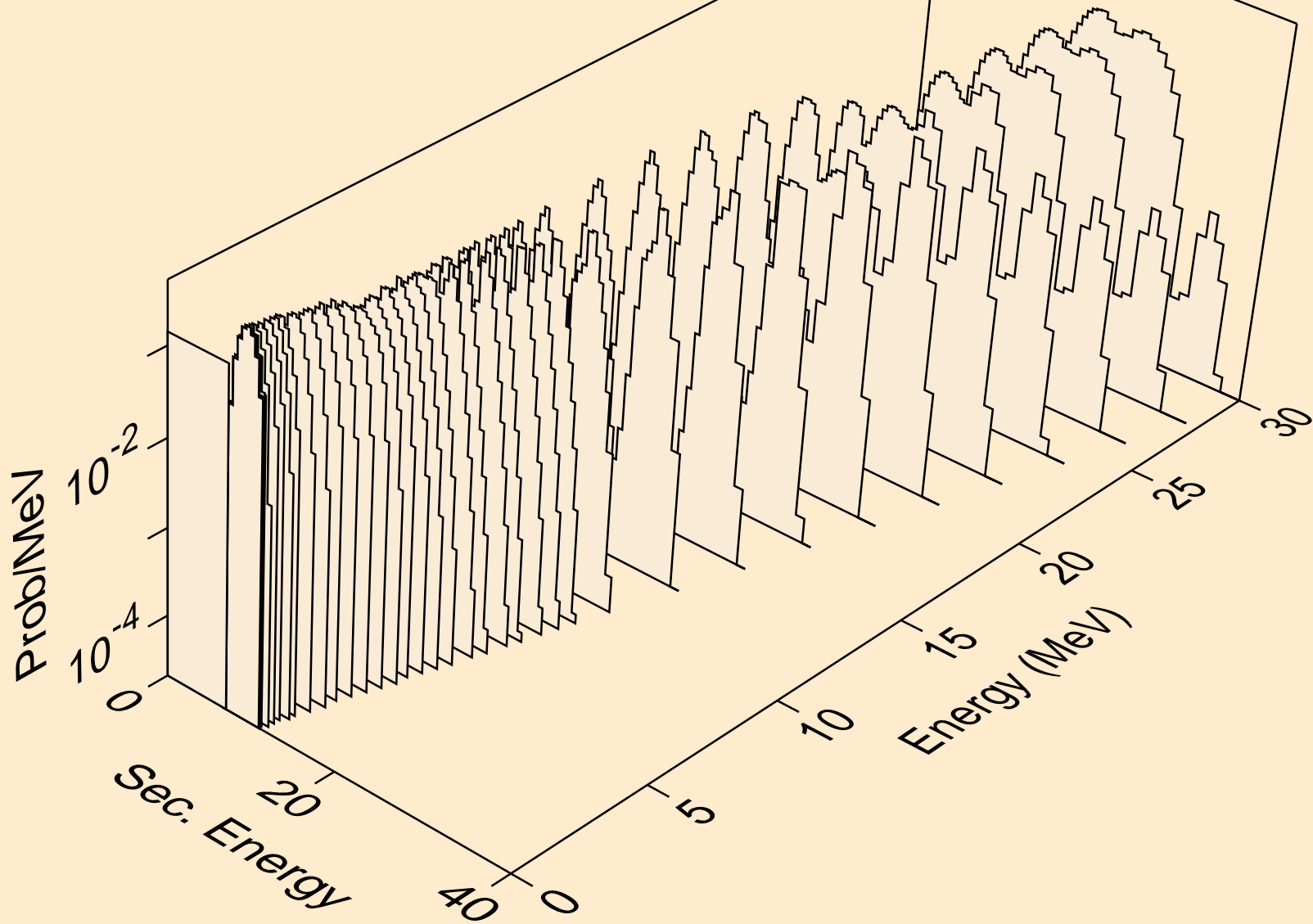
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



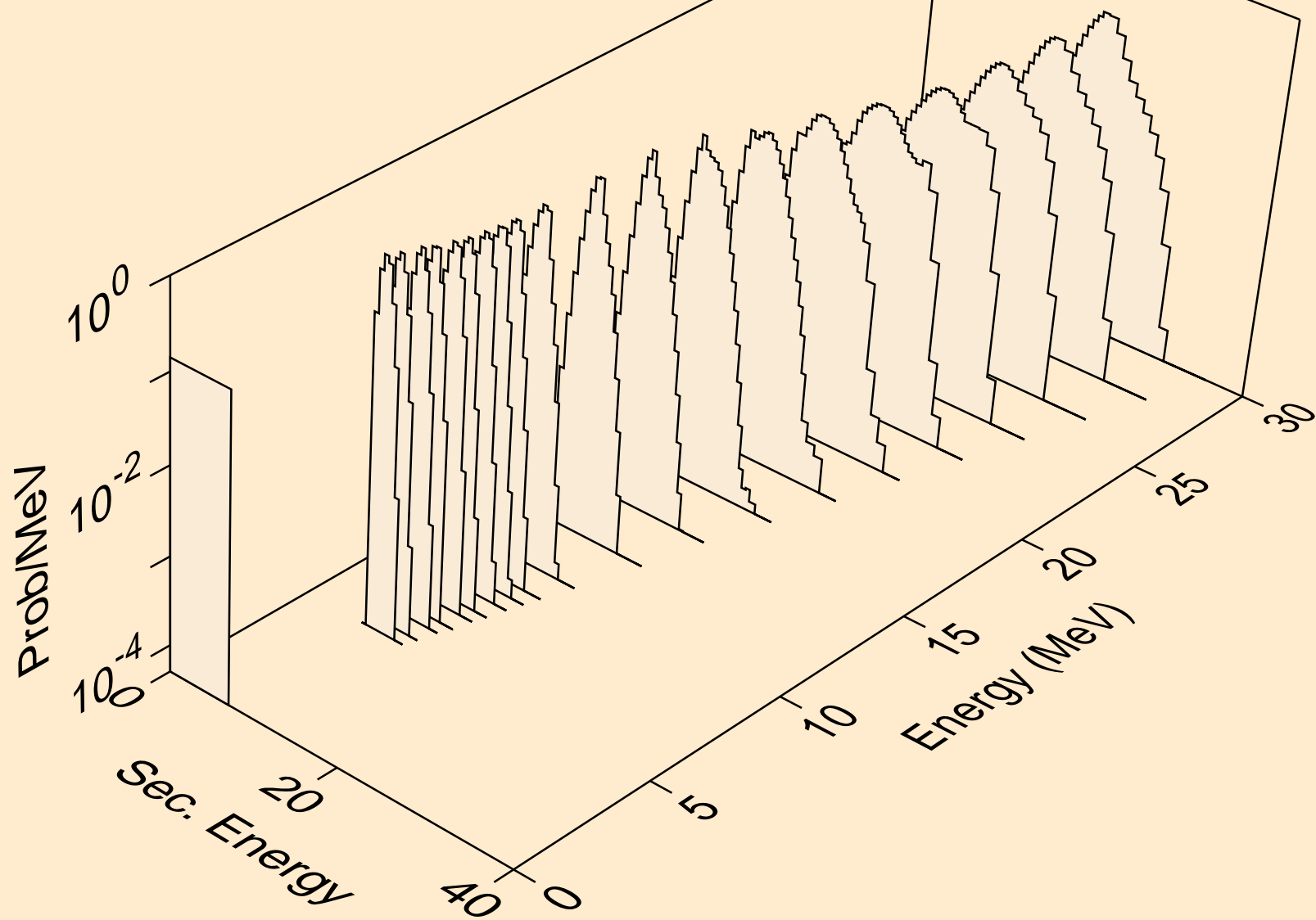
PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



PA227 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

