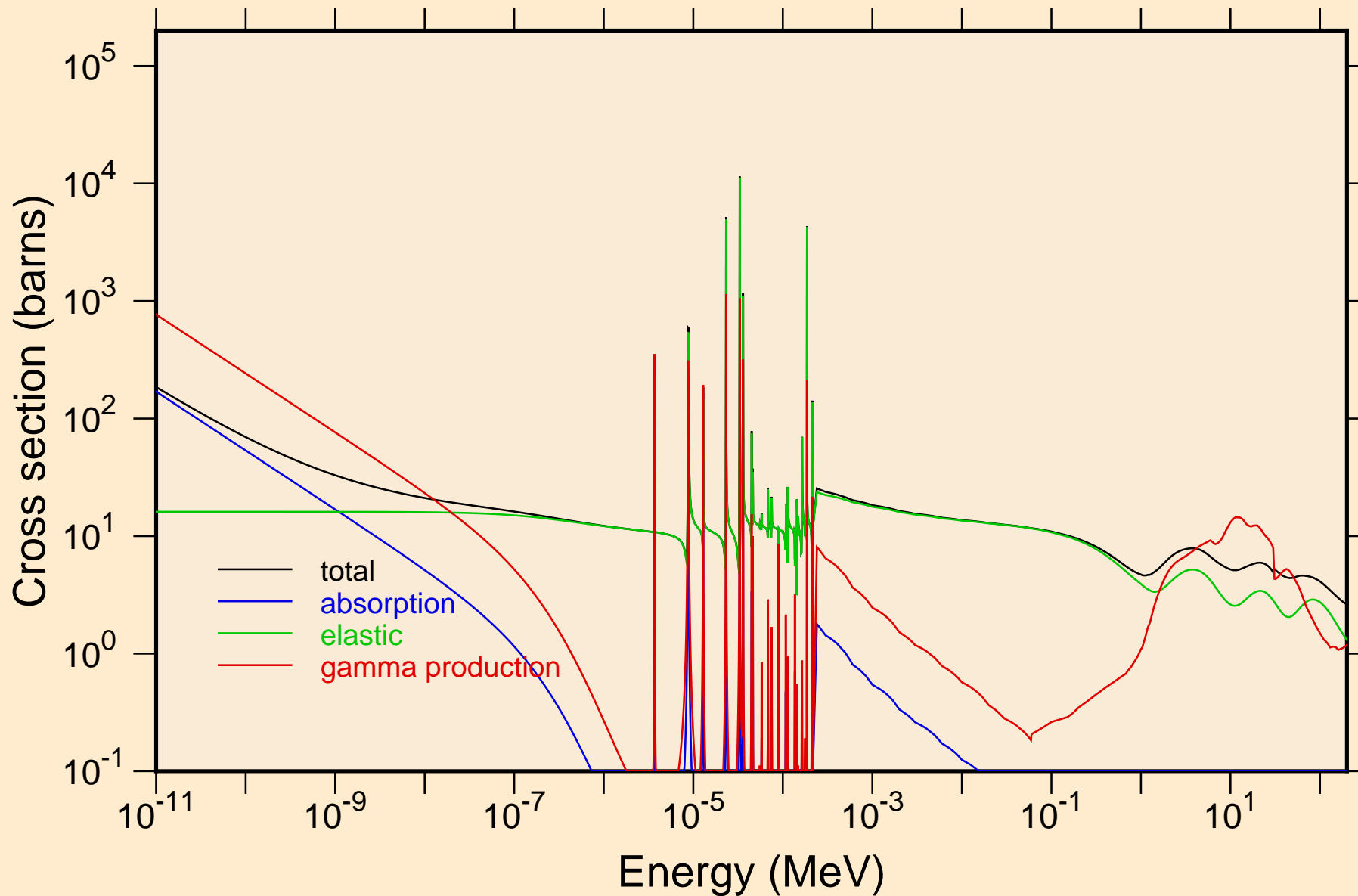
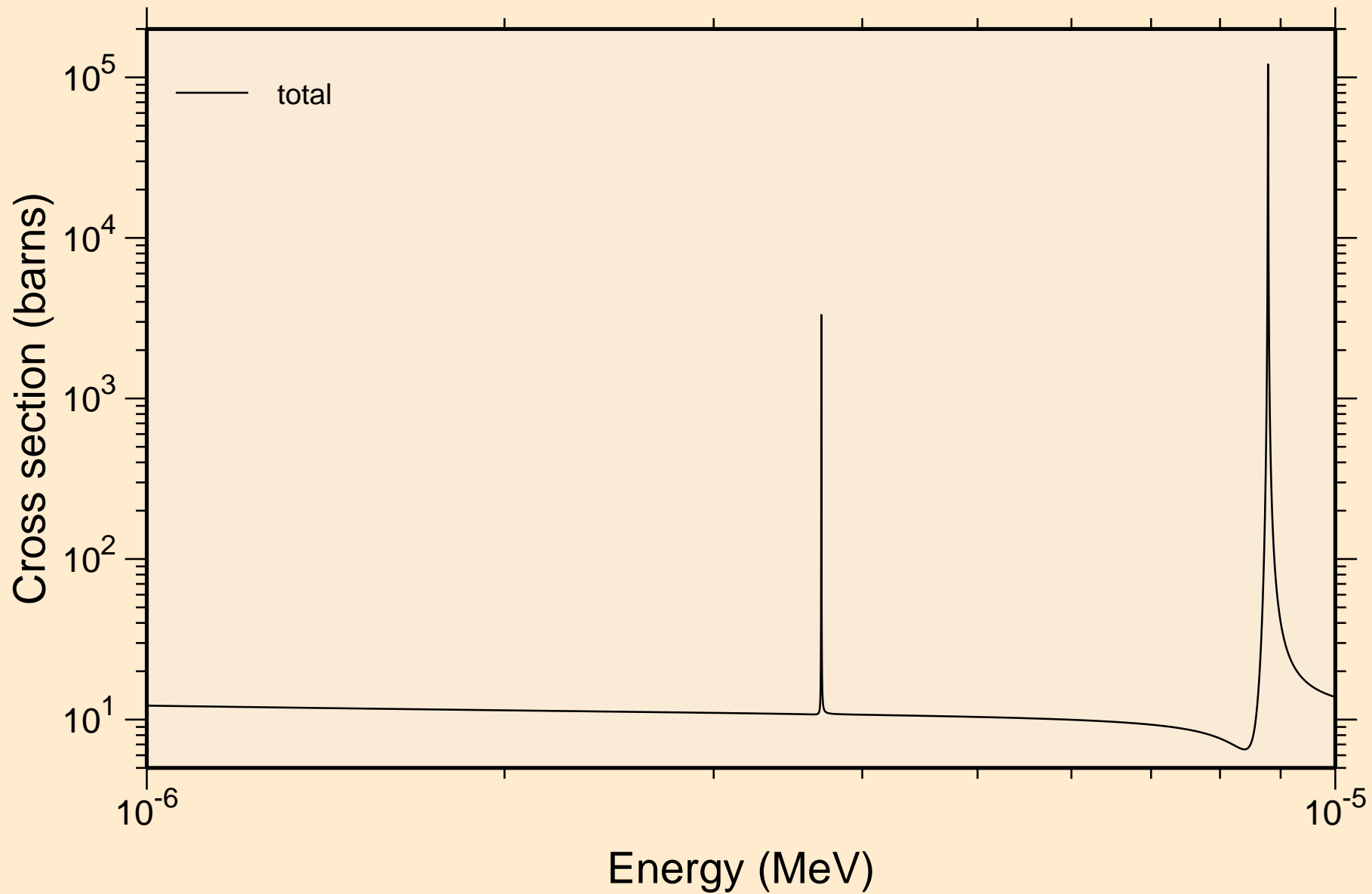


AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

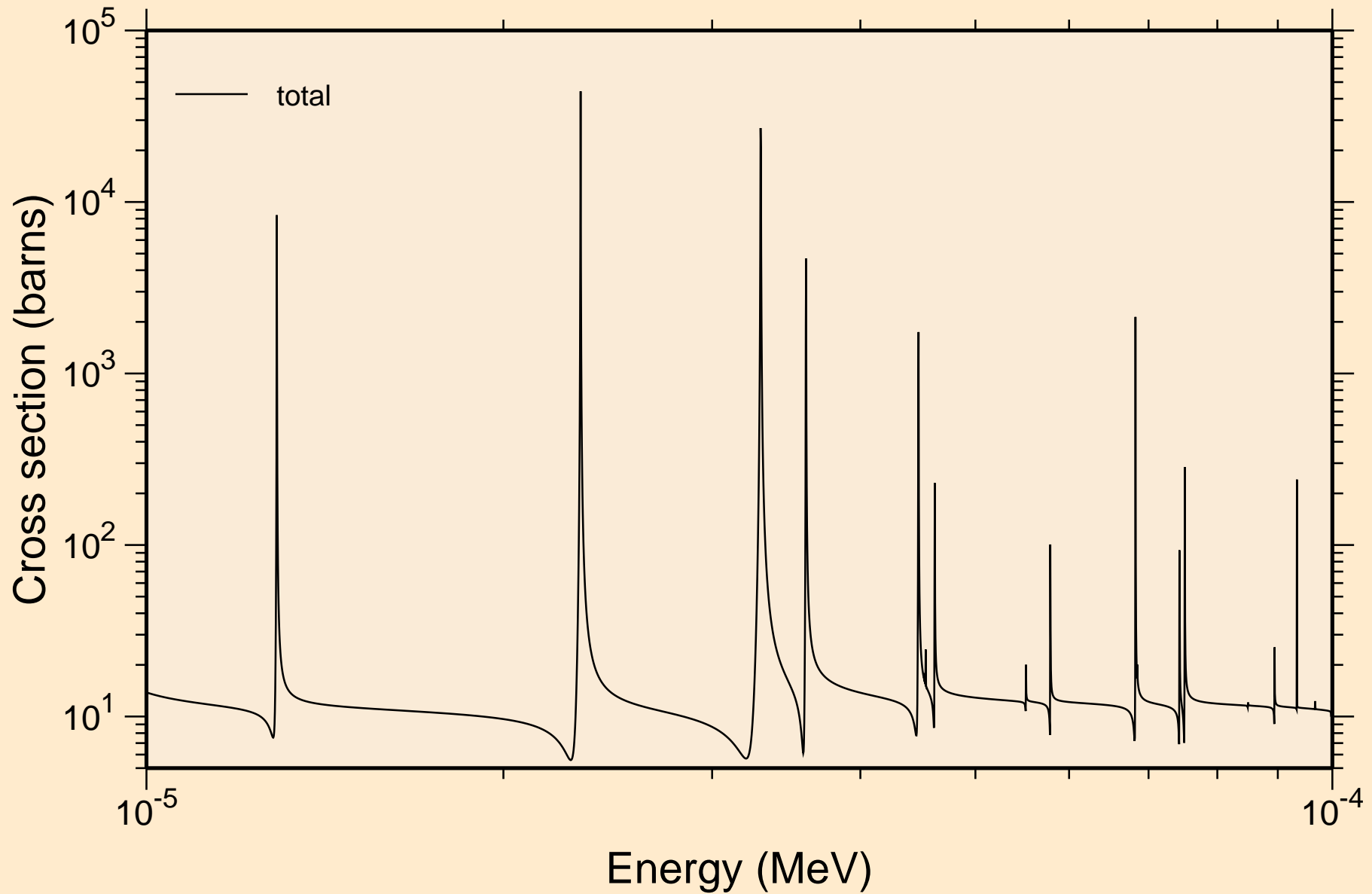
Principal cross sections



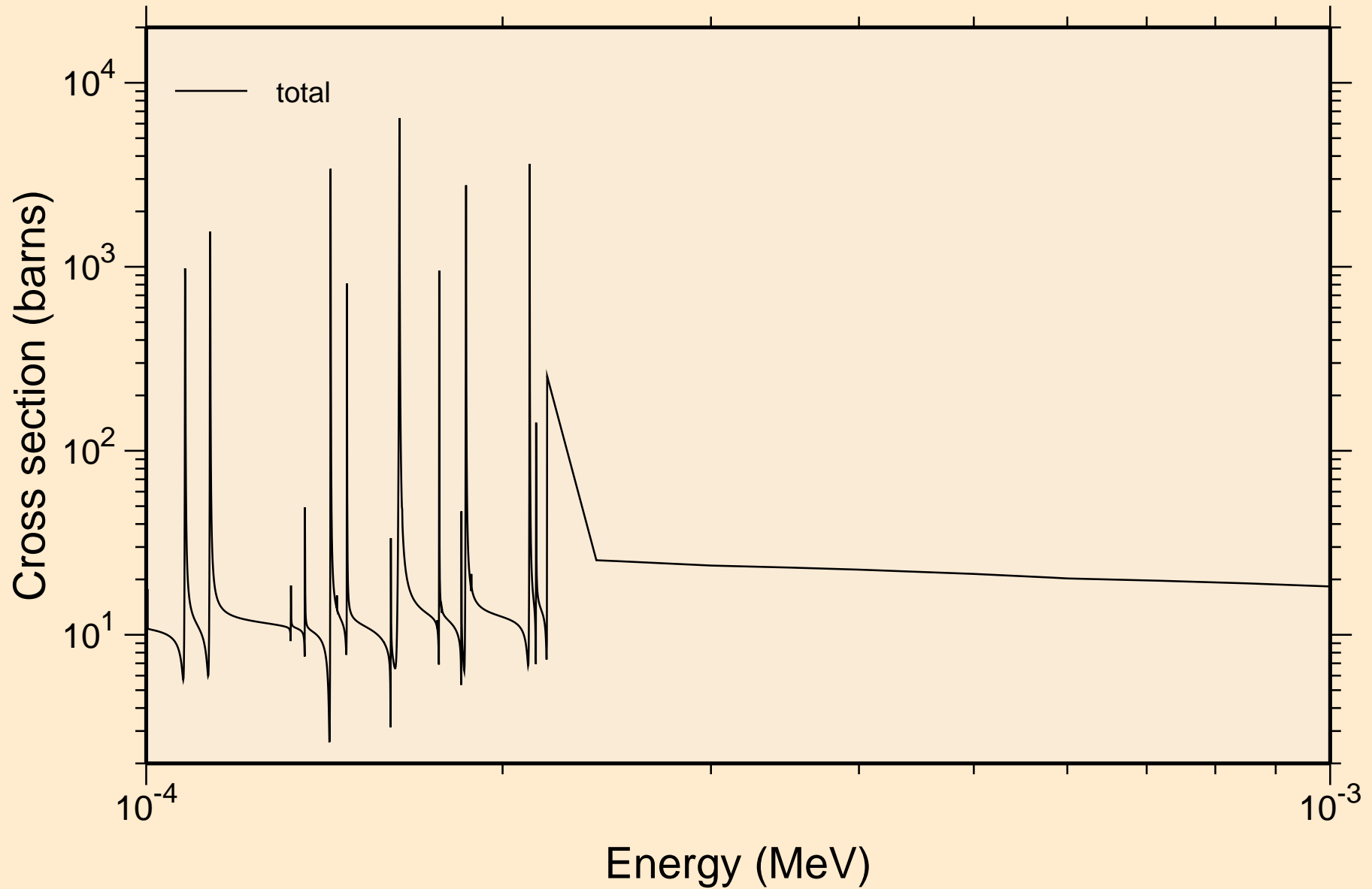
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



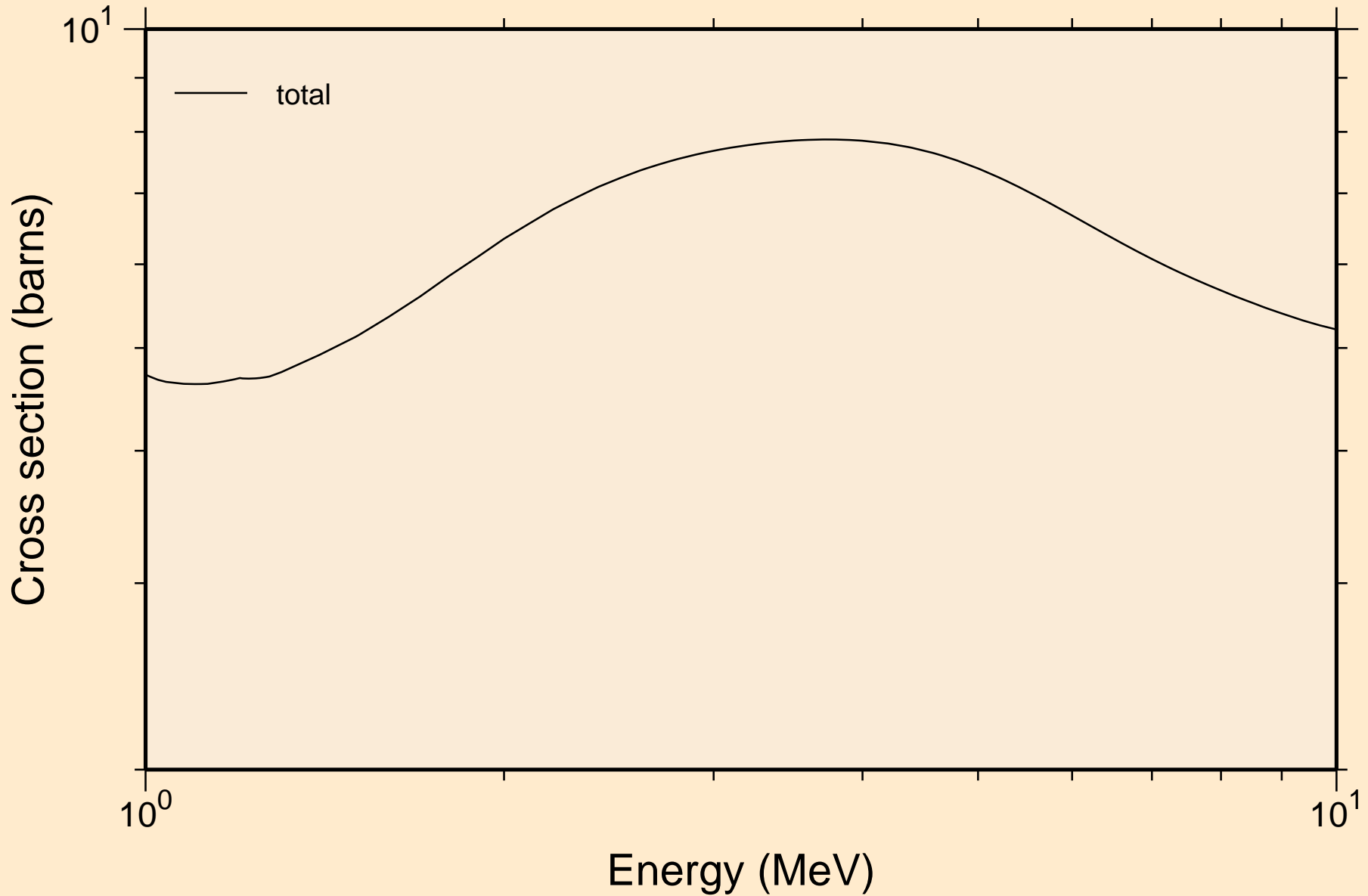
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



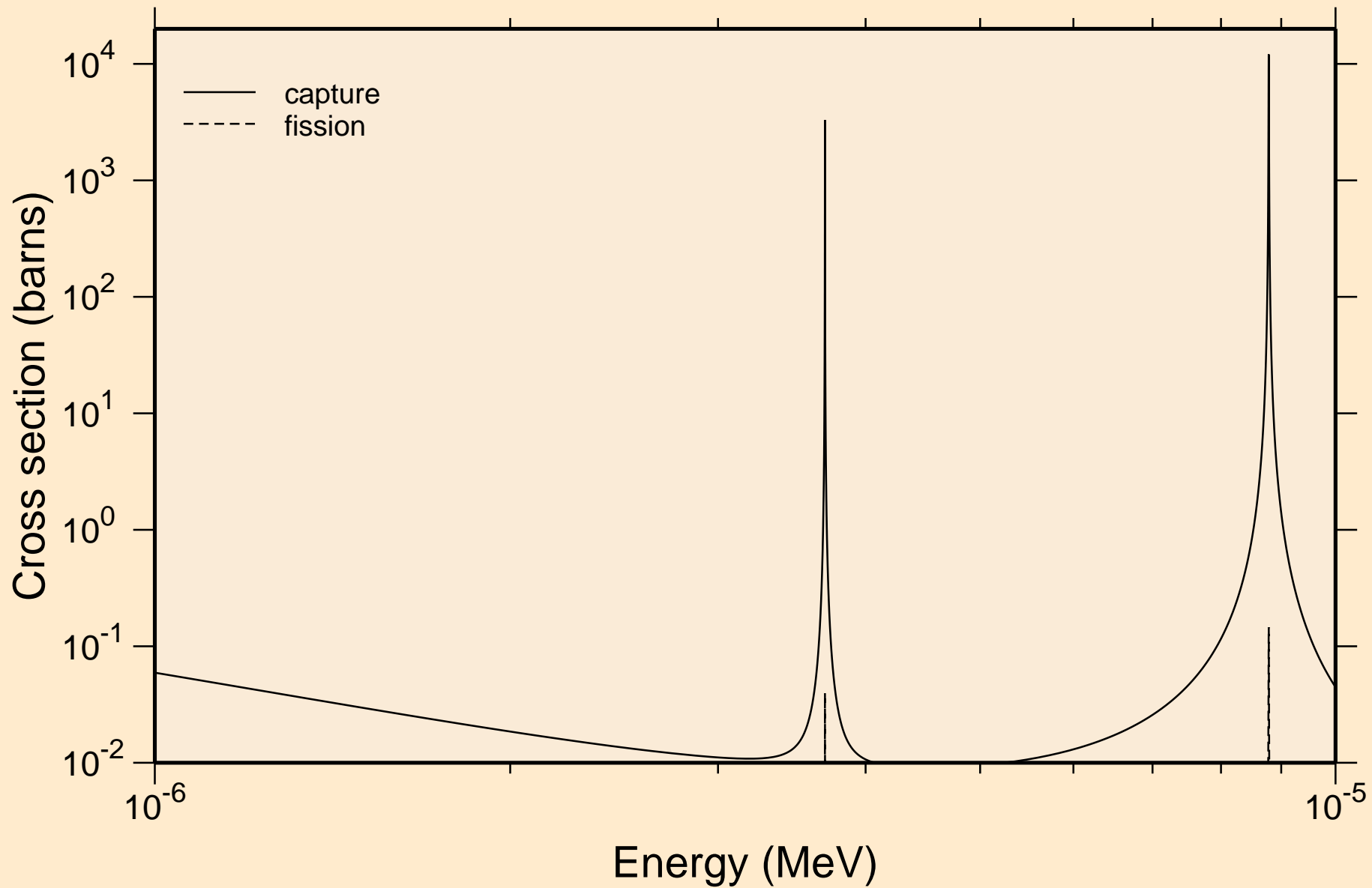
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



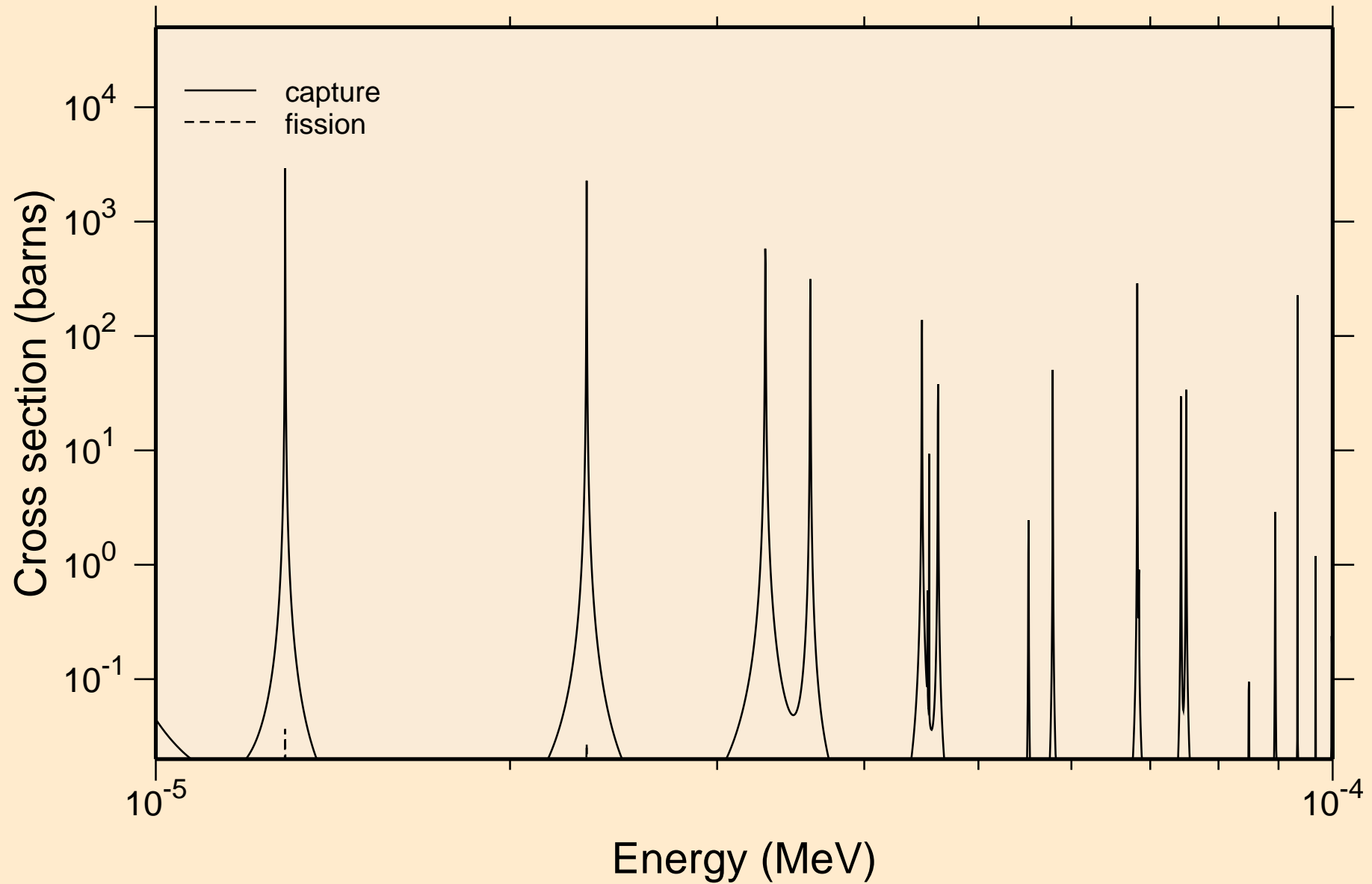
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



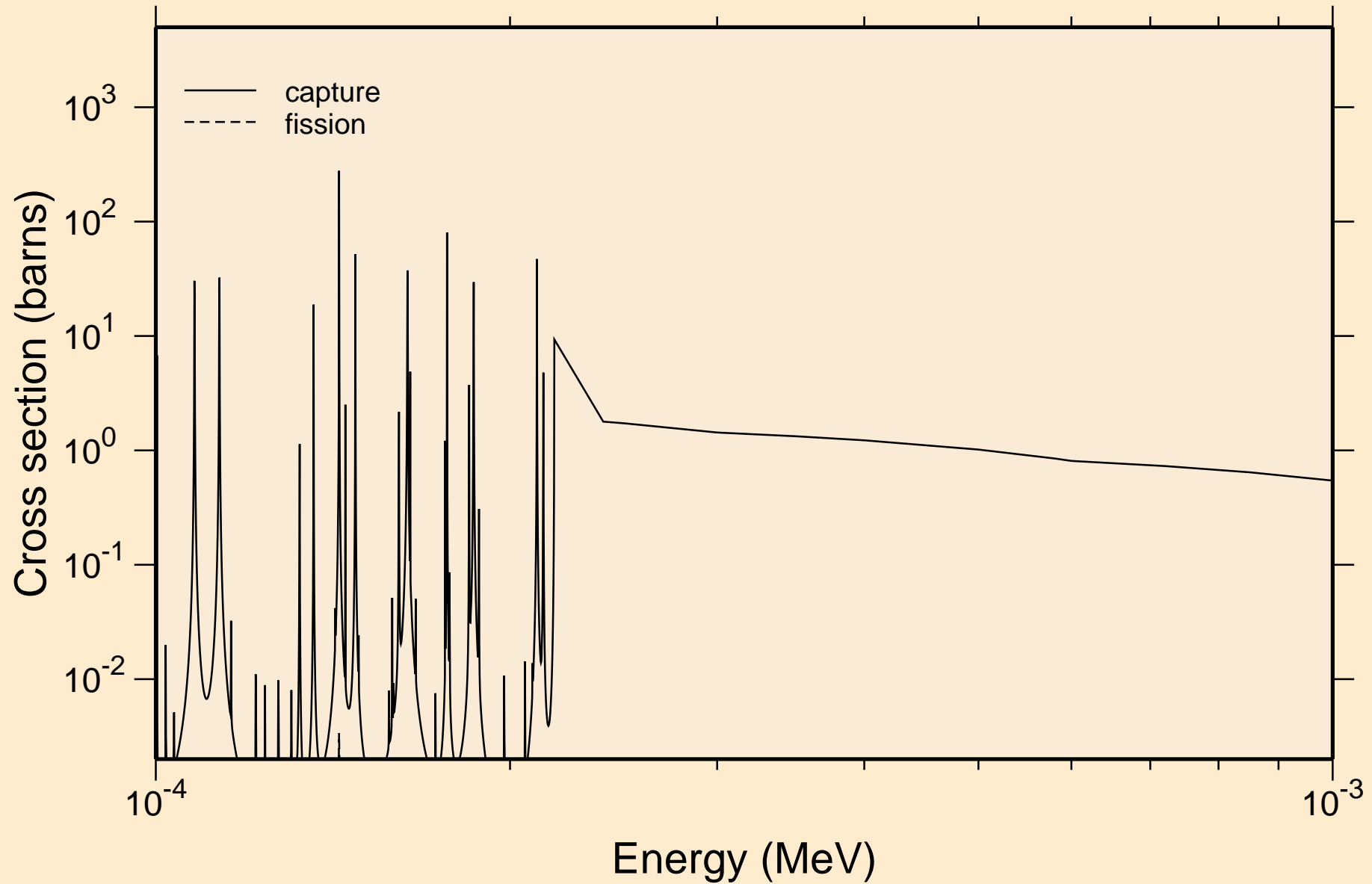
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



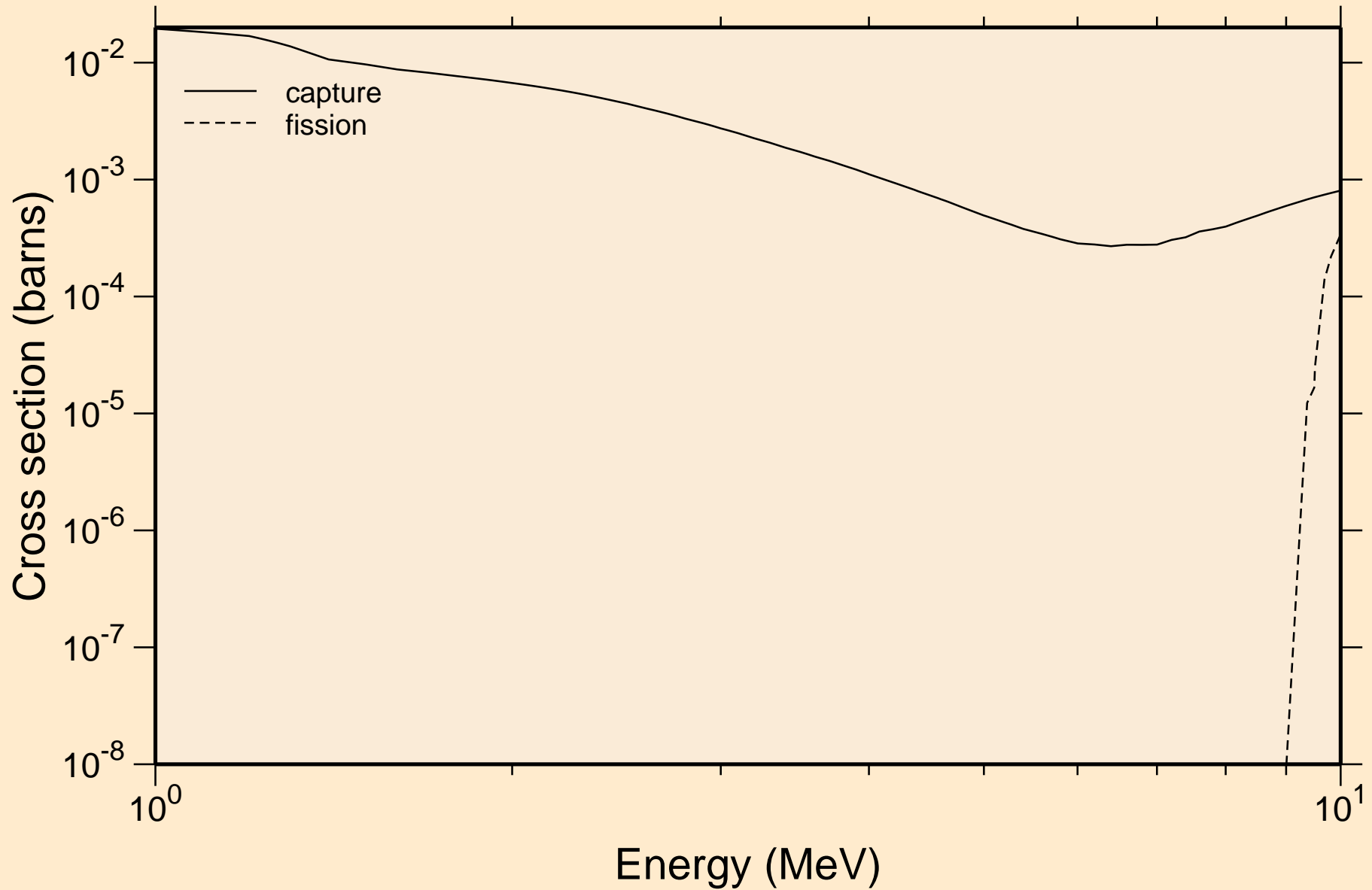
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

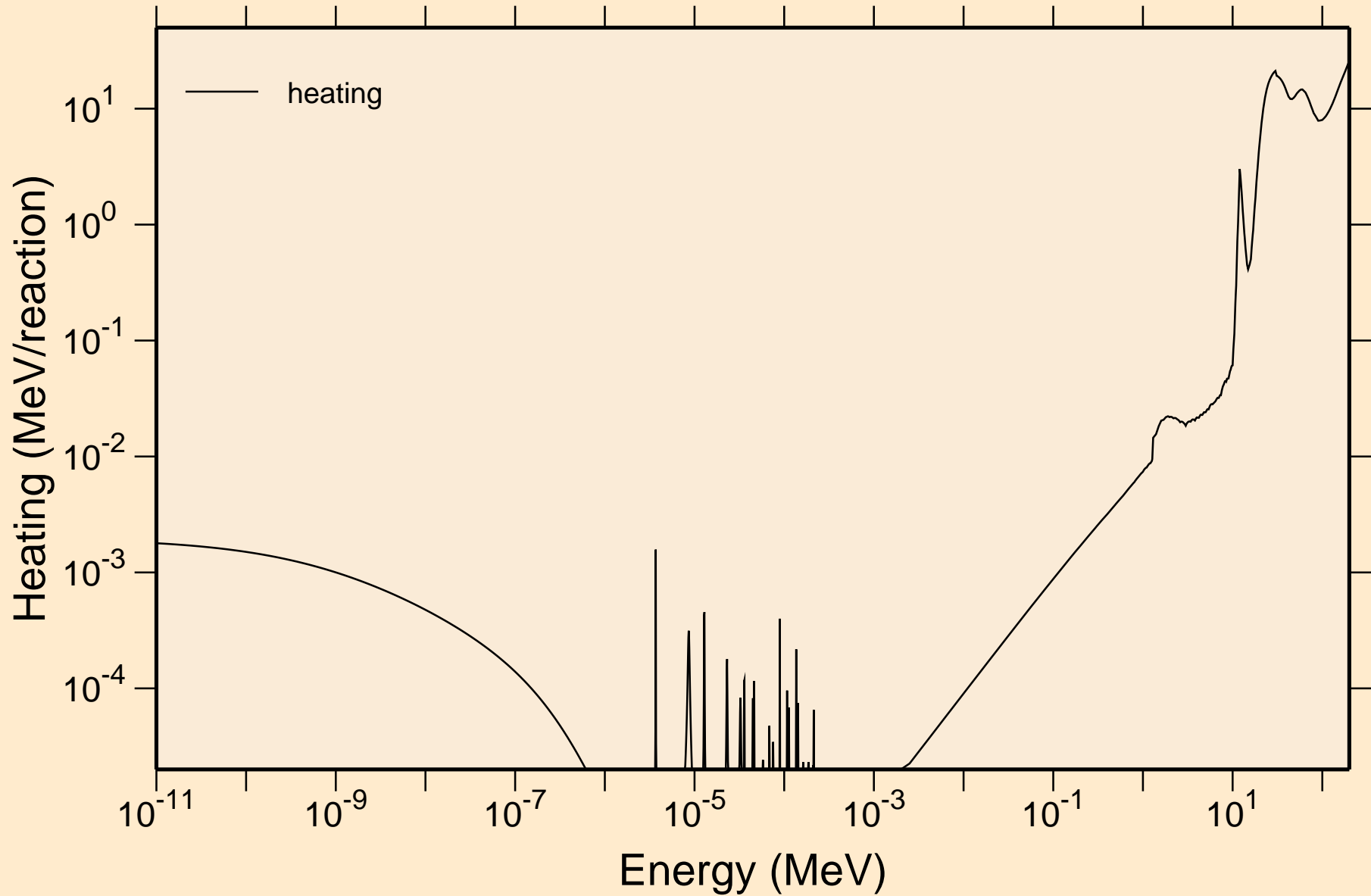


AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

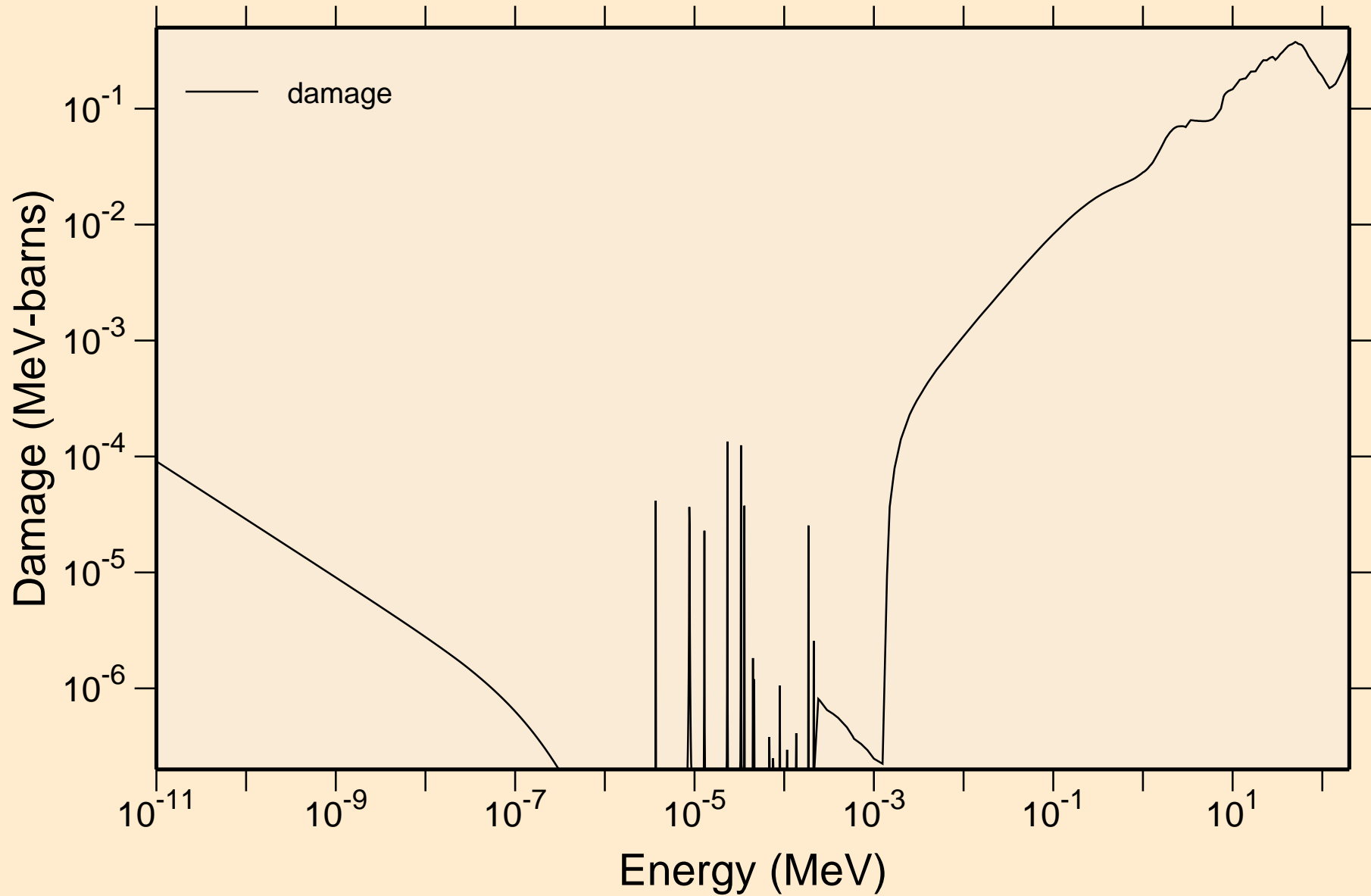


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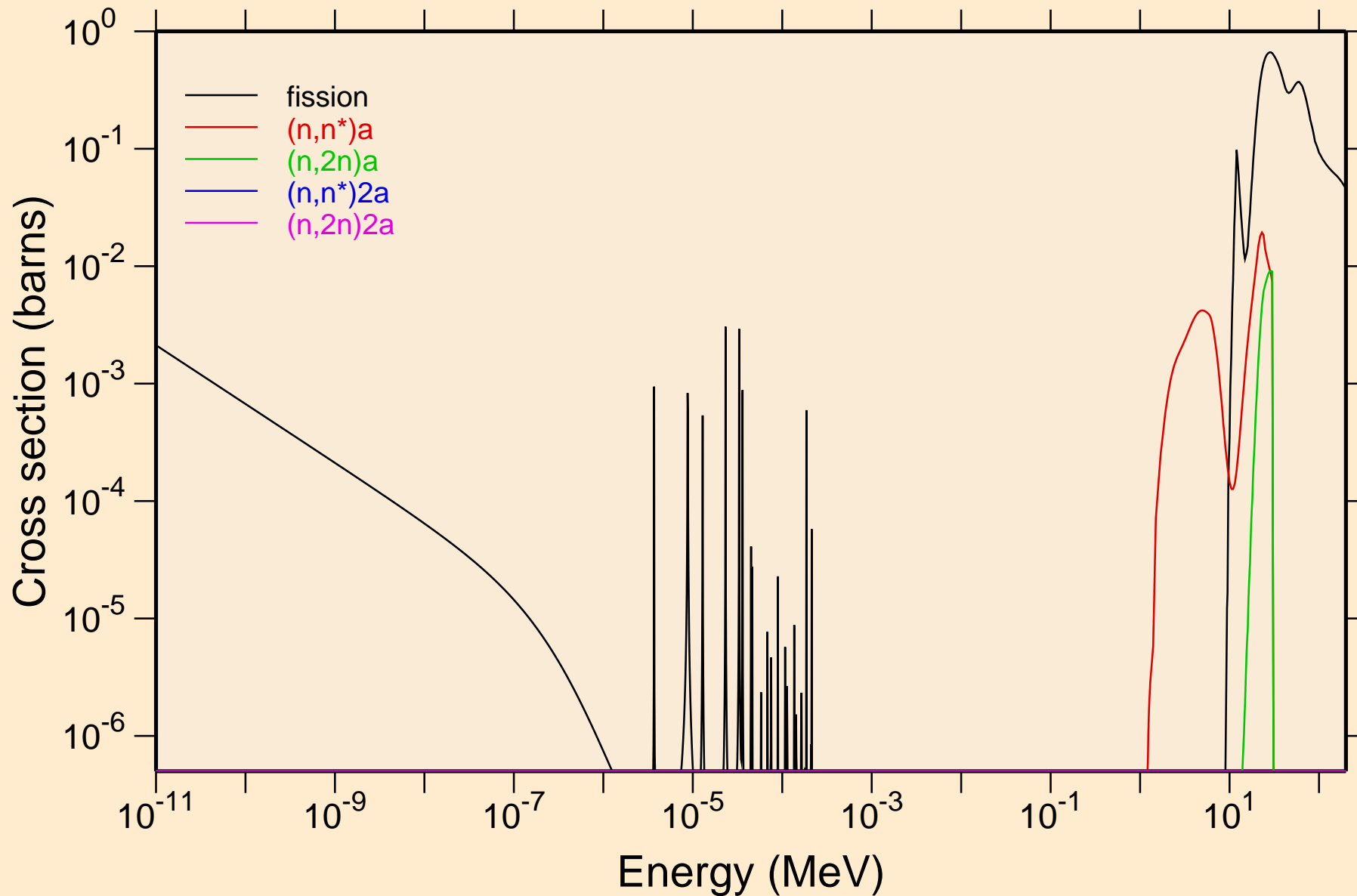
Heating



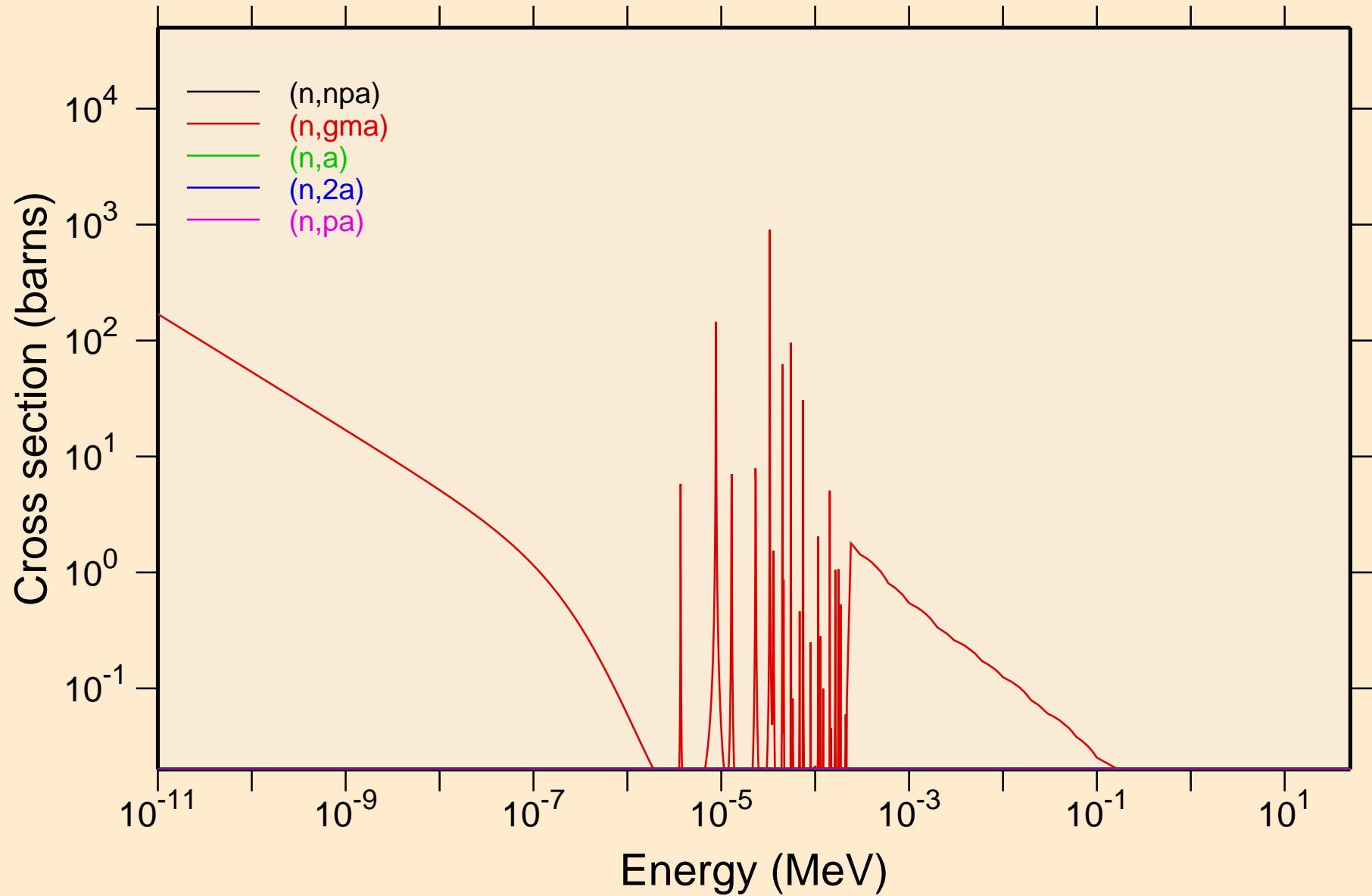
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage



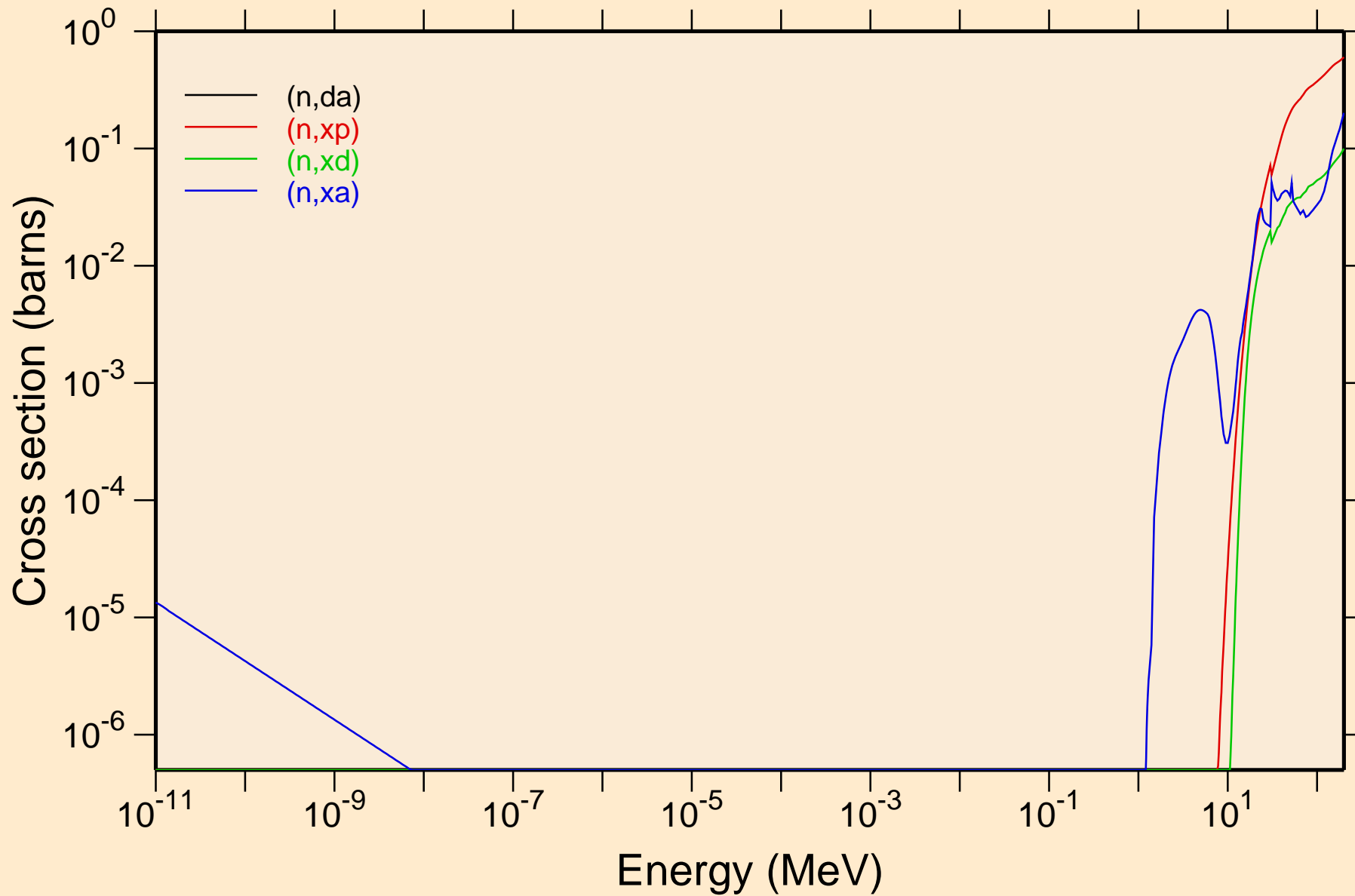
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

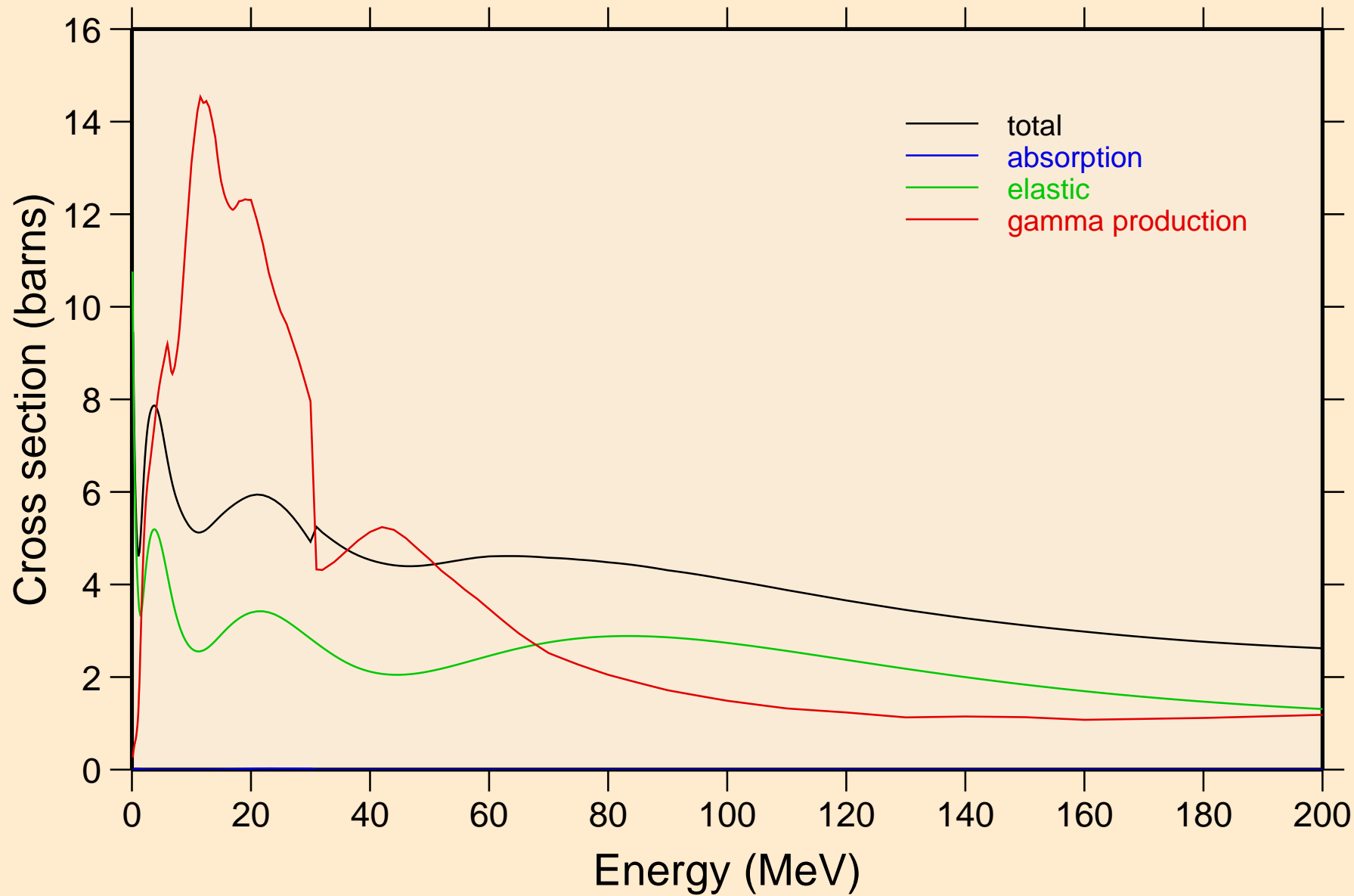


AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



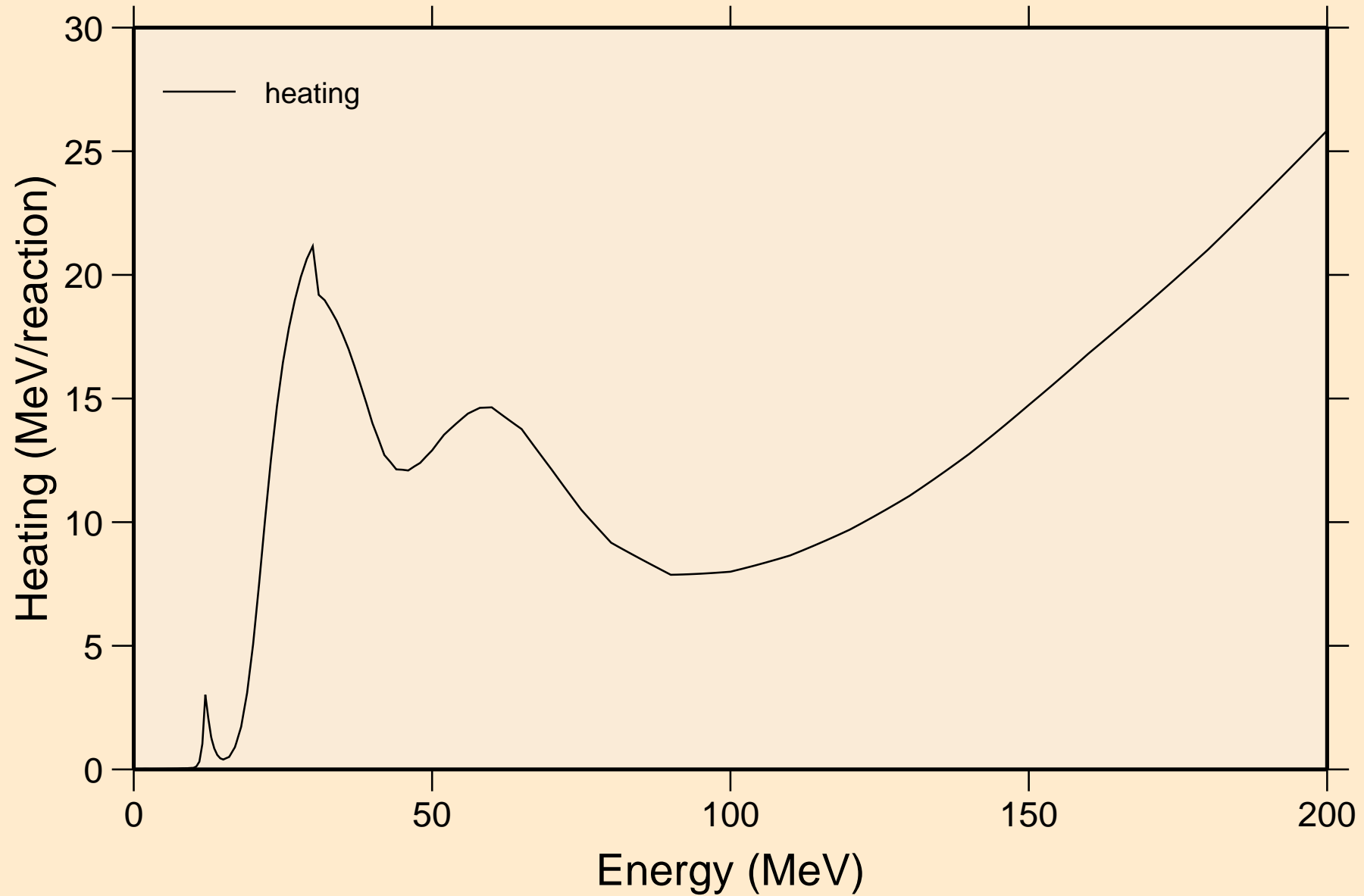
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



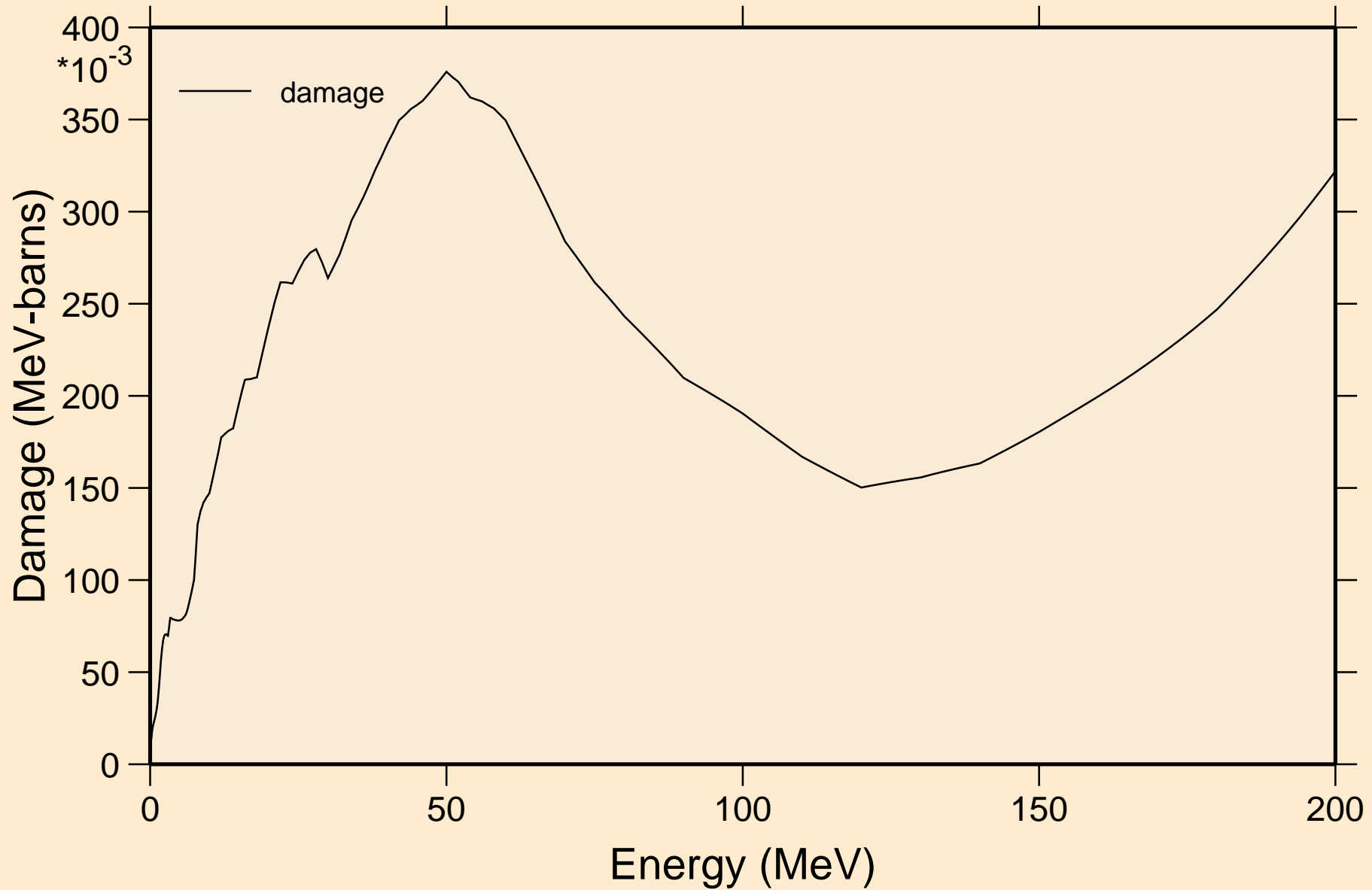
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Heating

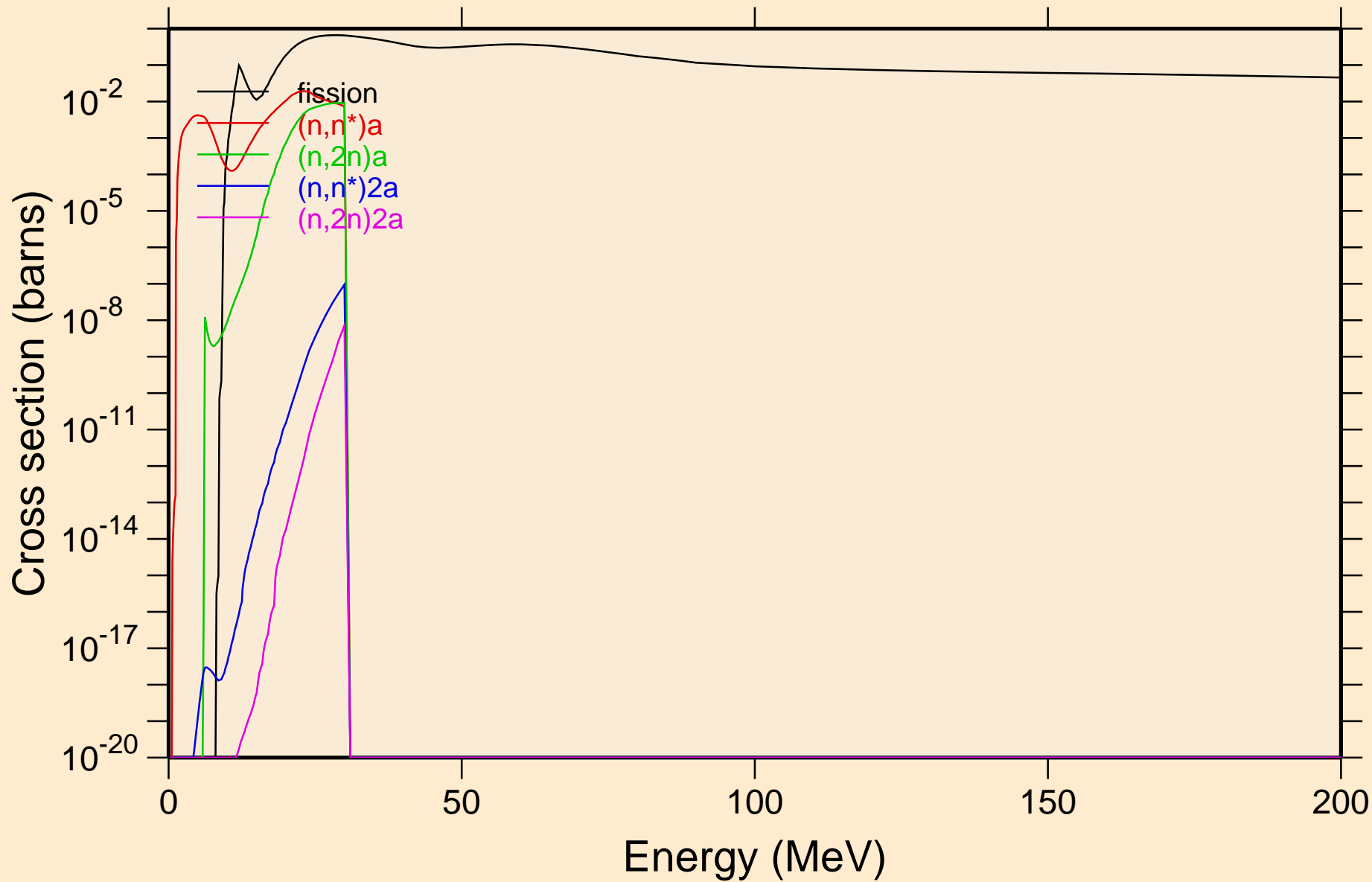


AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

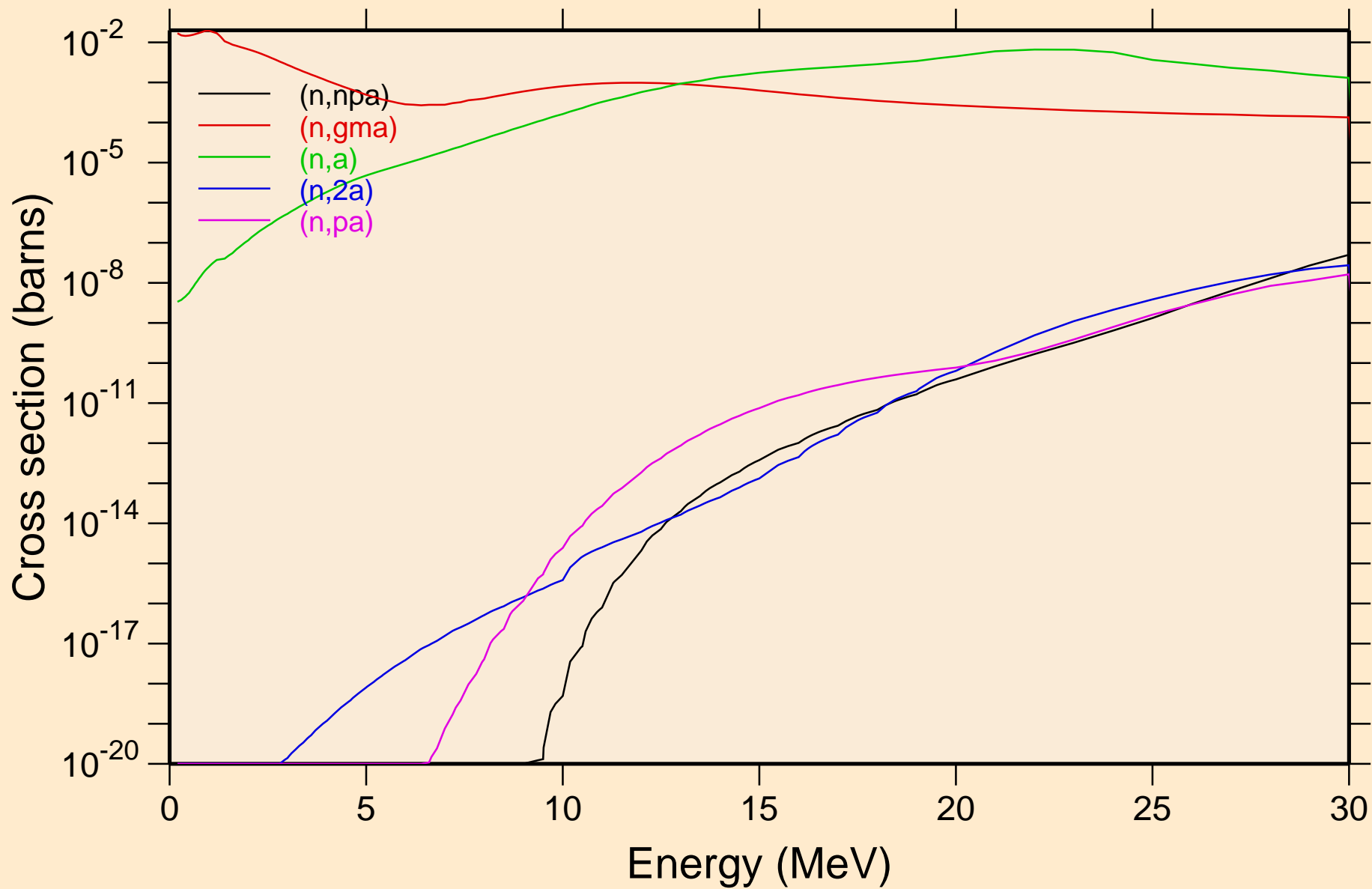


AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

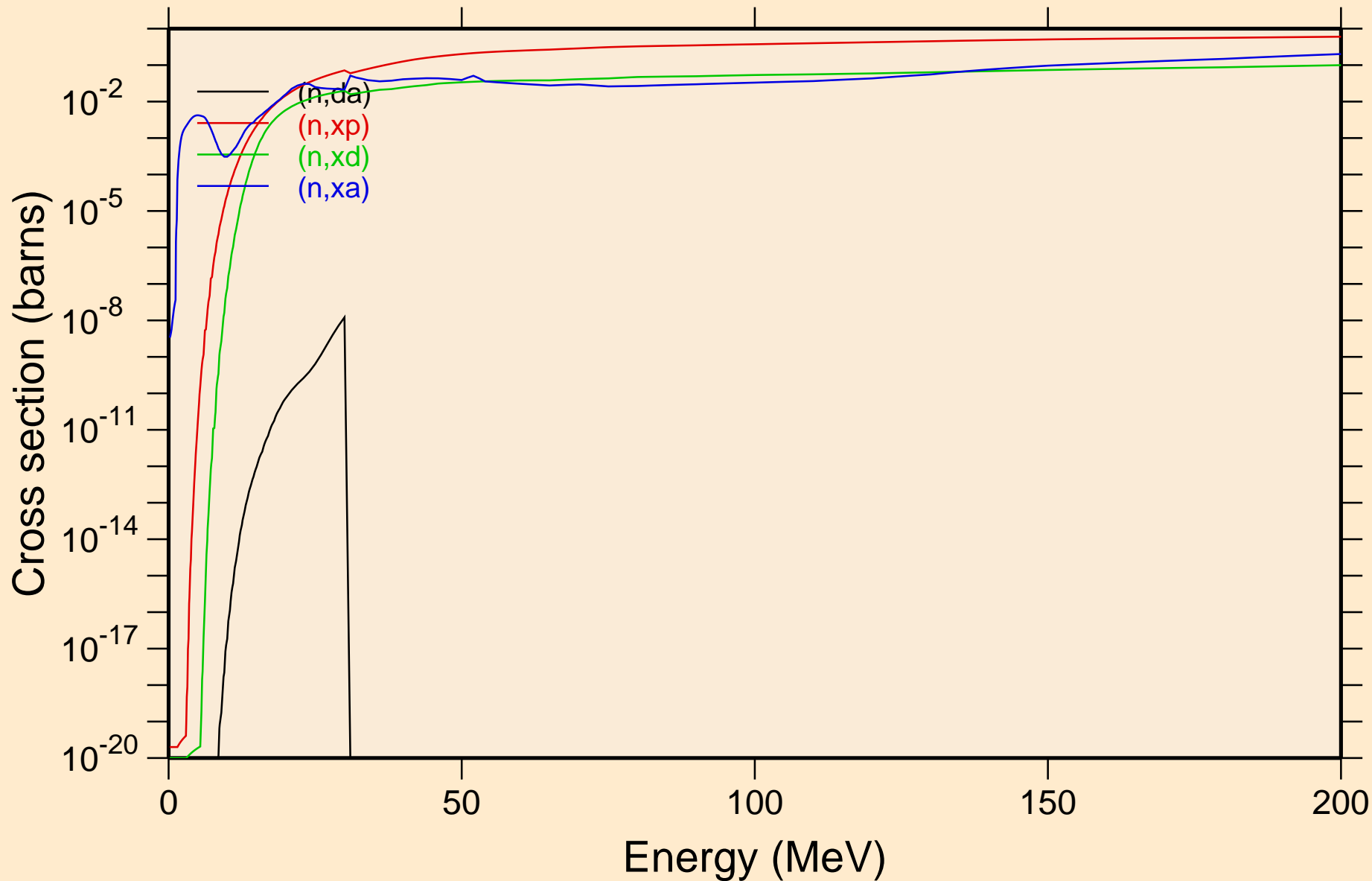


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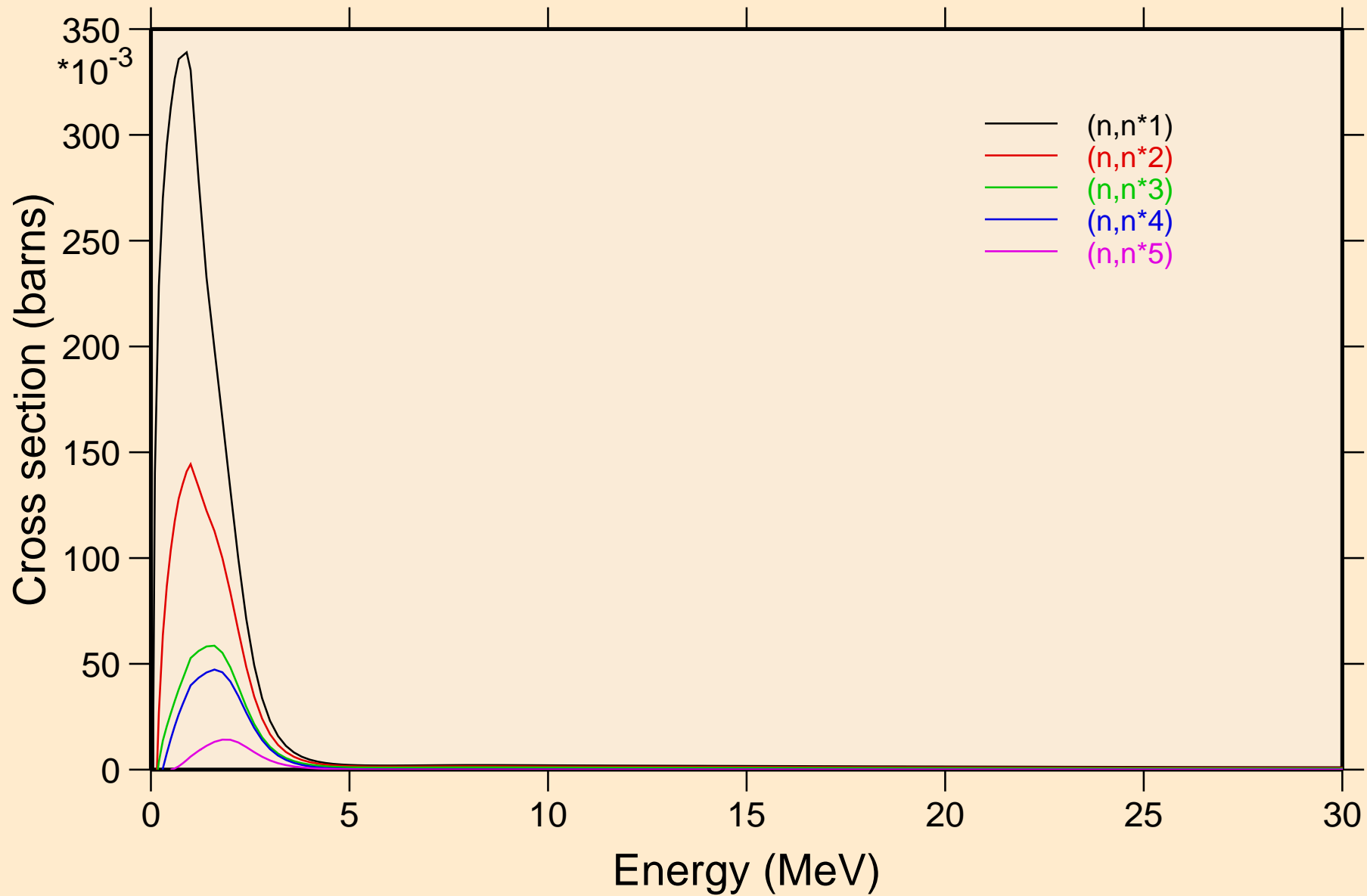
Non-threshold reactions



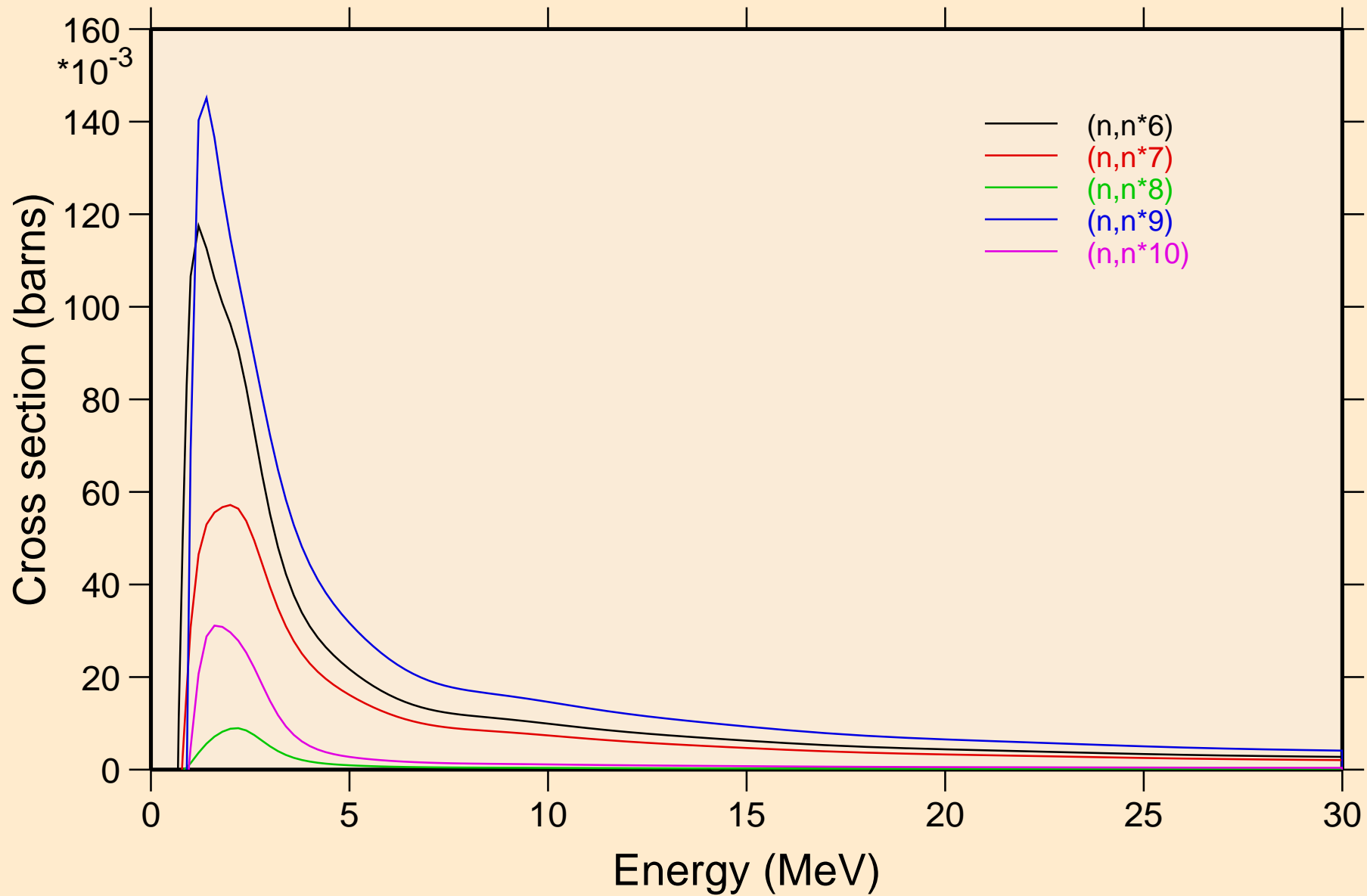
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



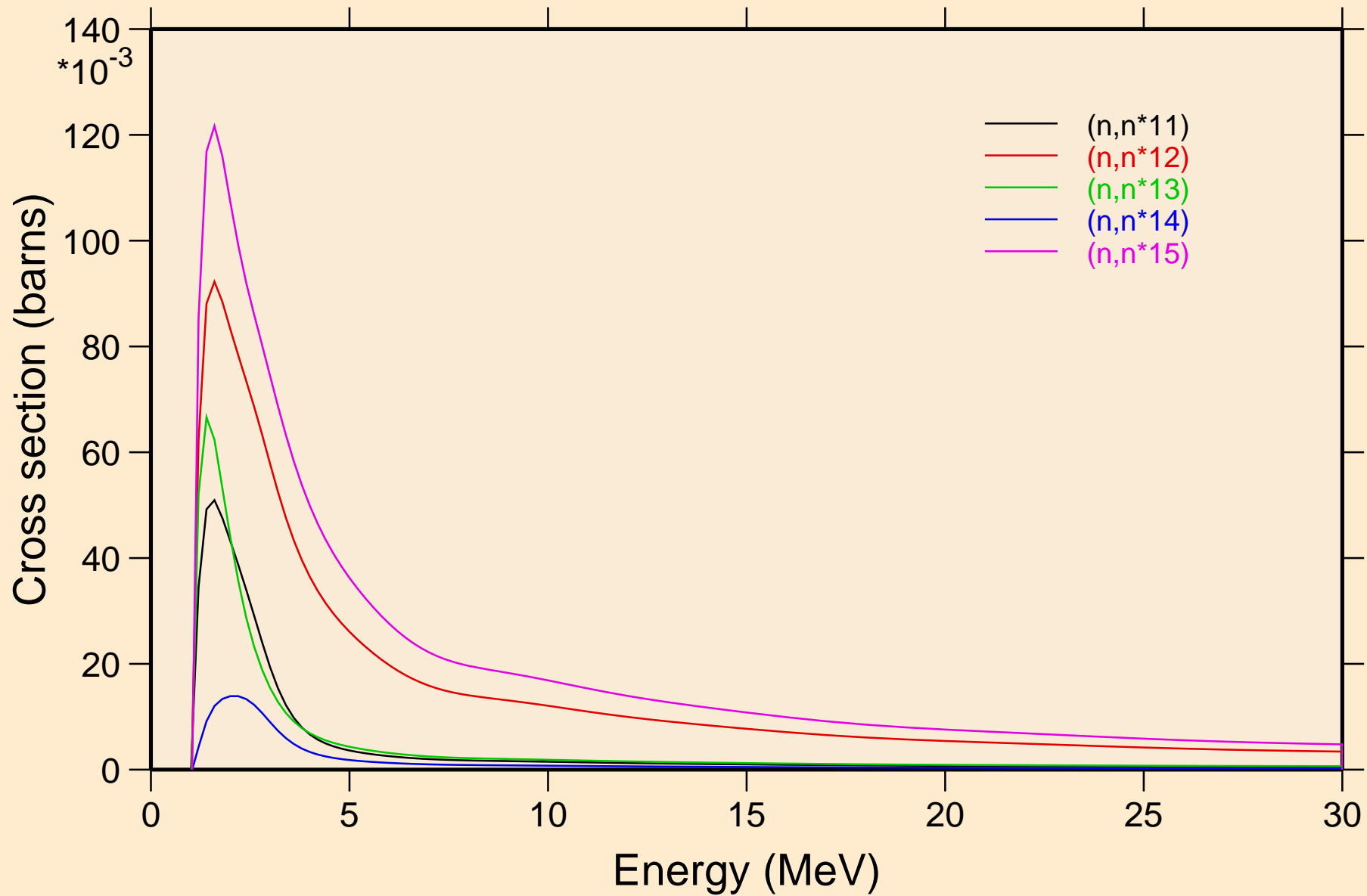
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



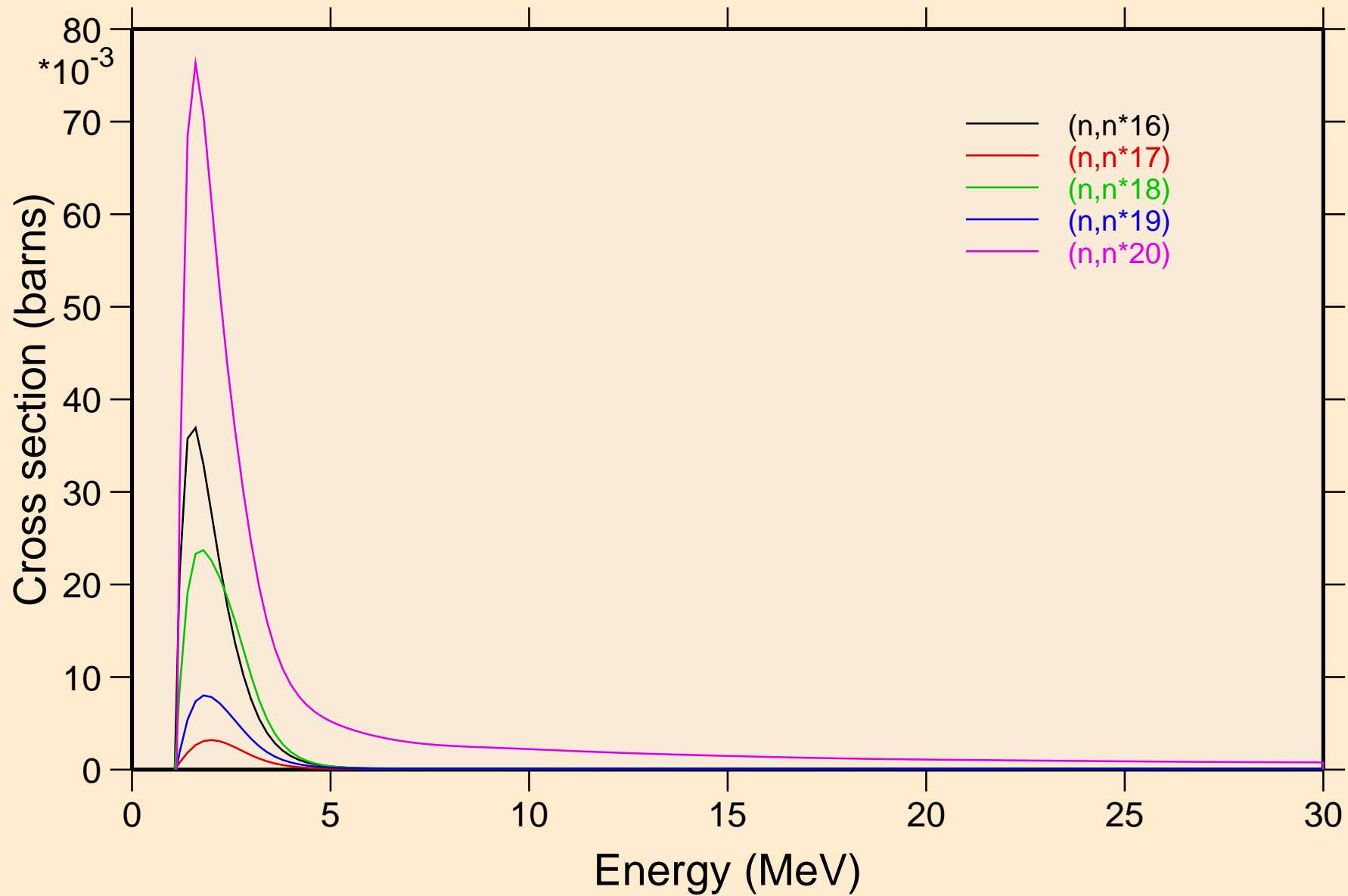
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



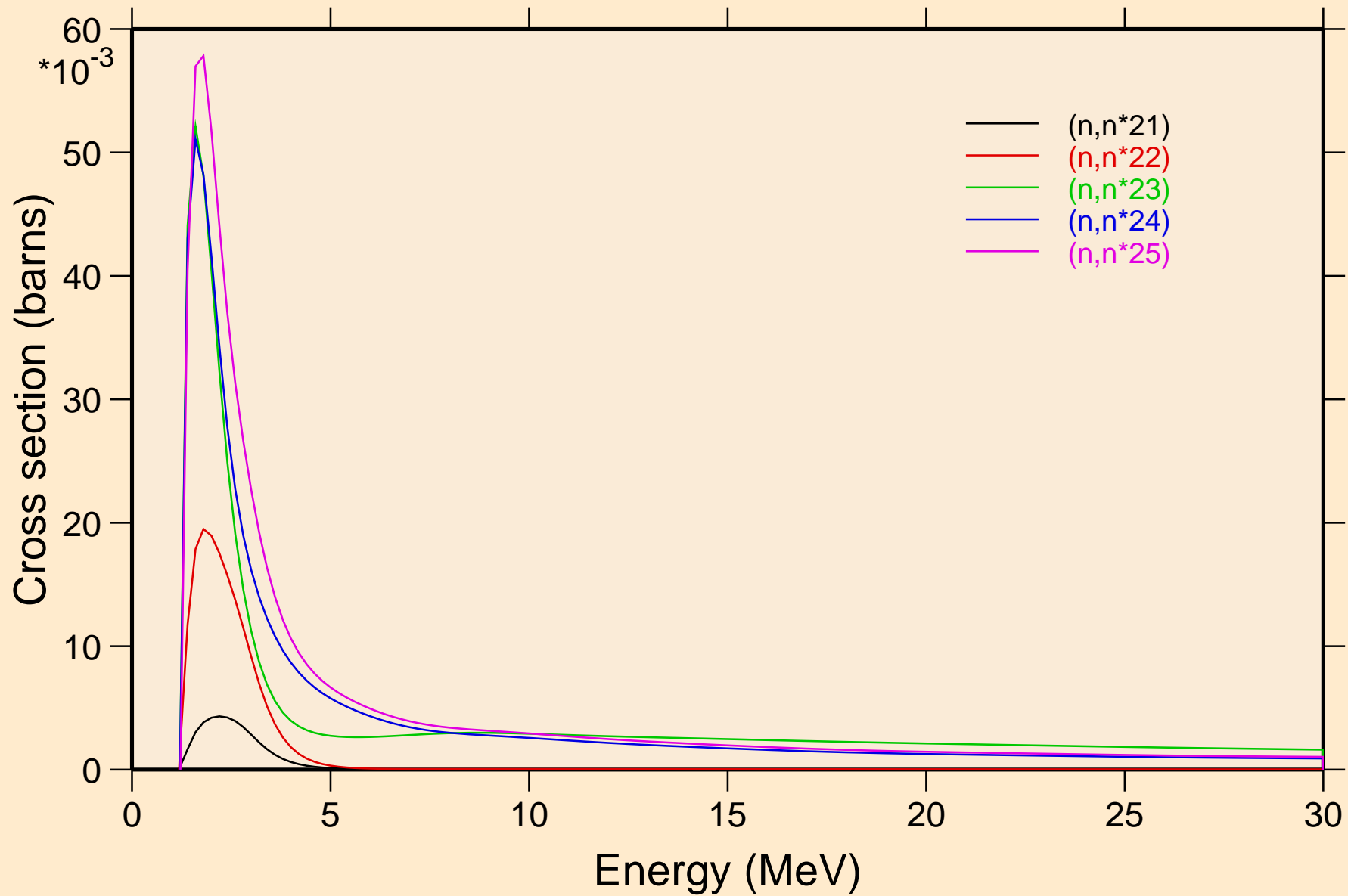
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



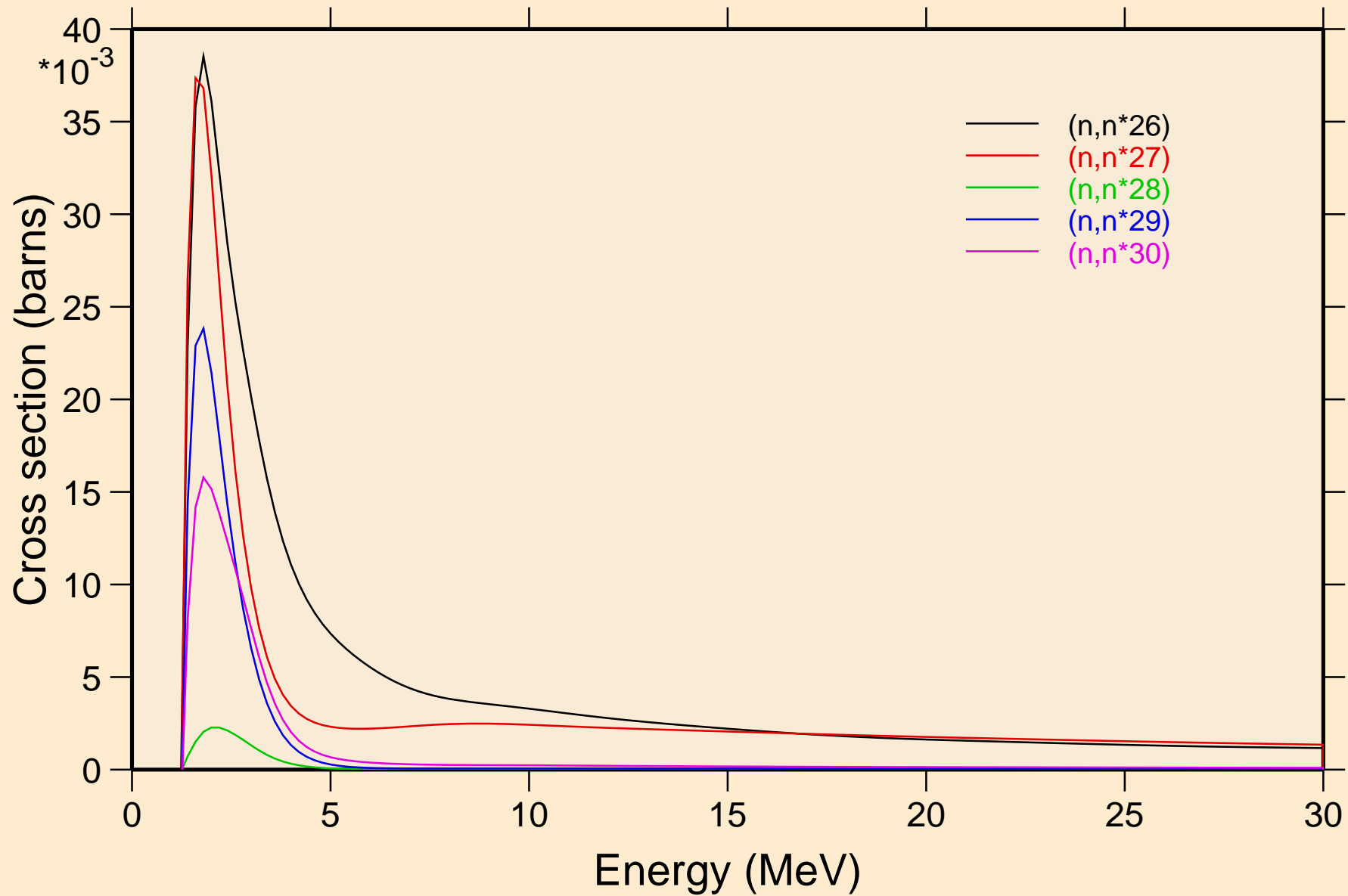
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



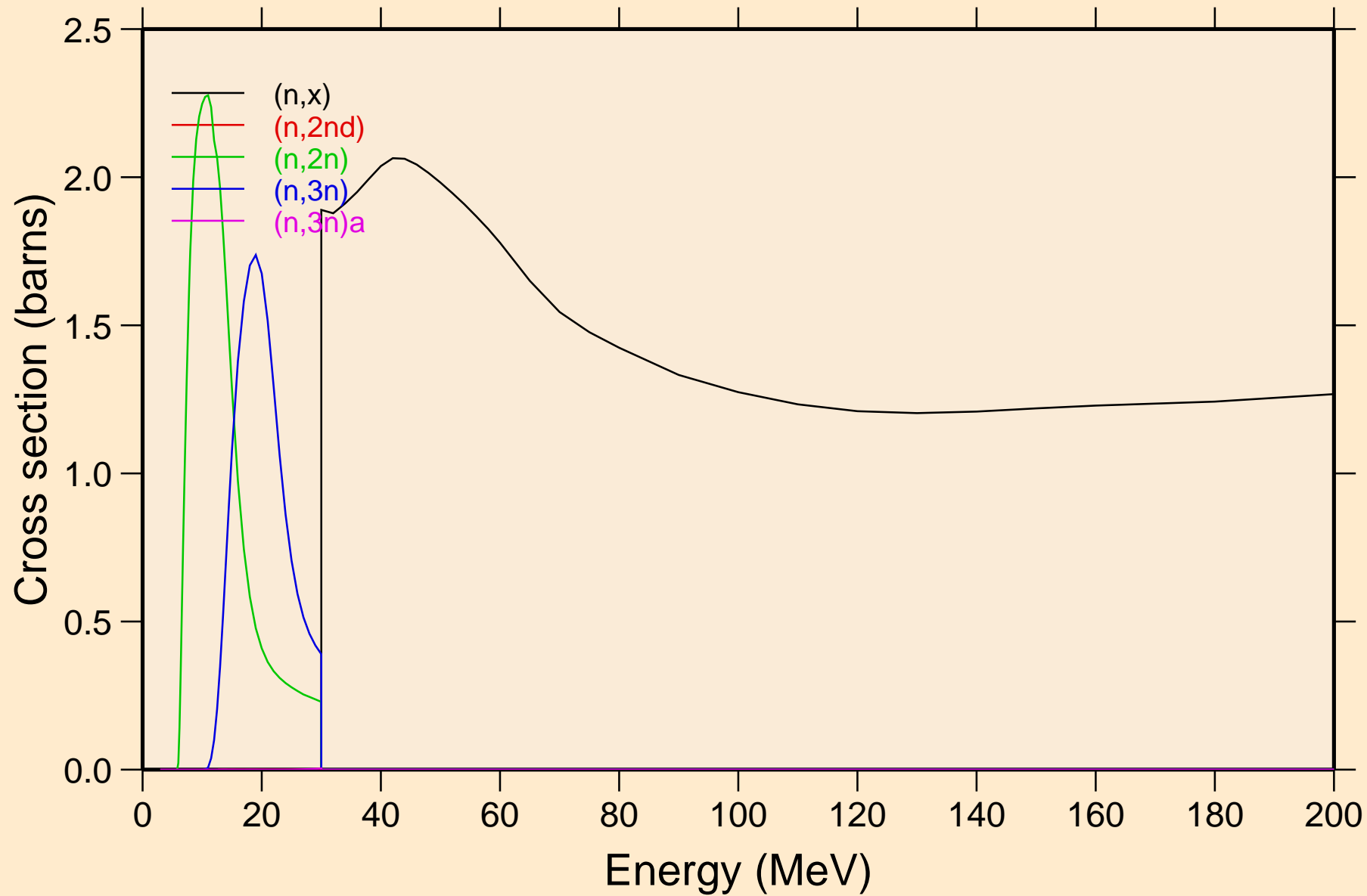
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



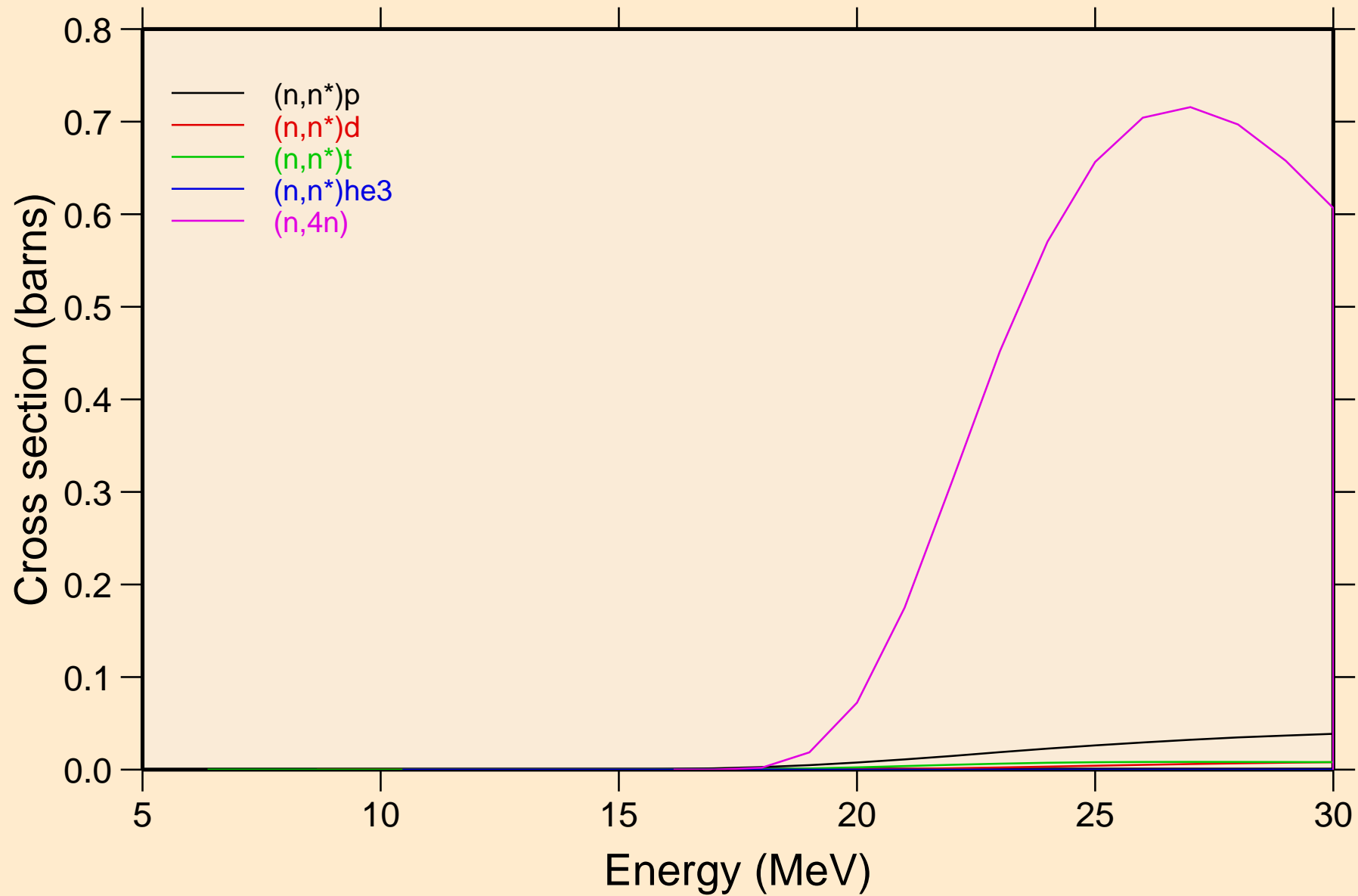
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



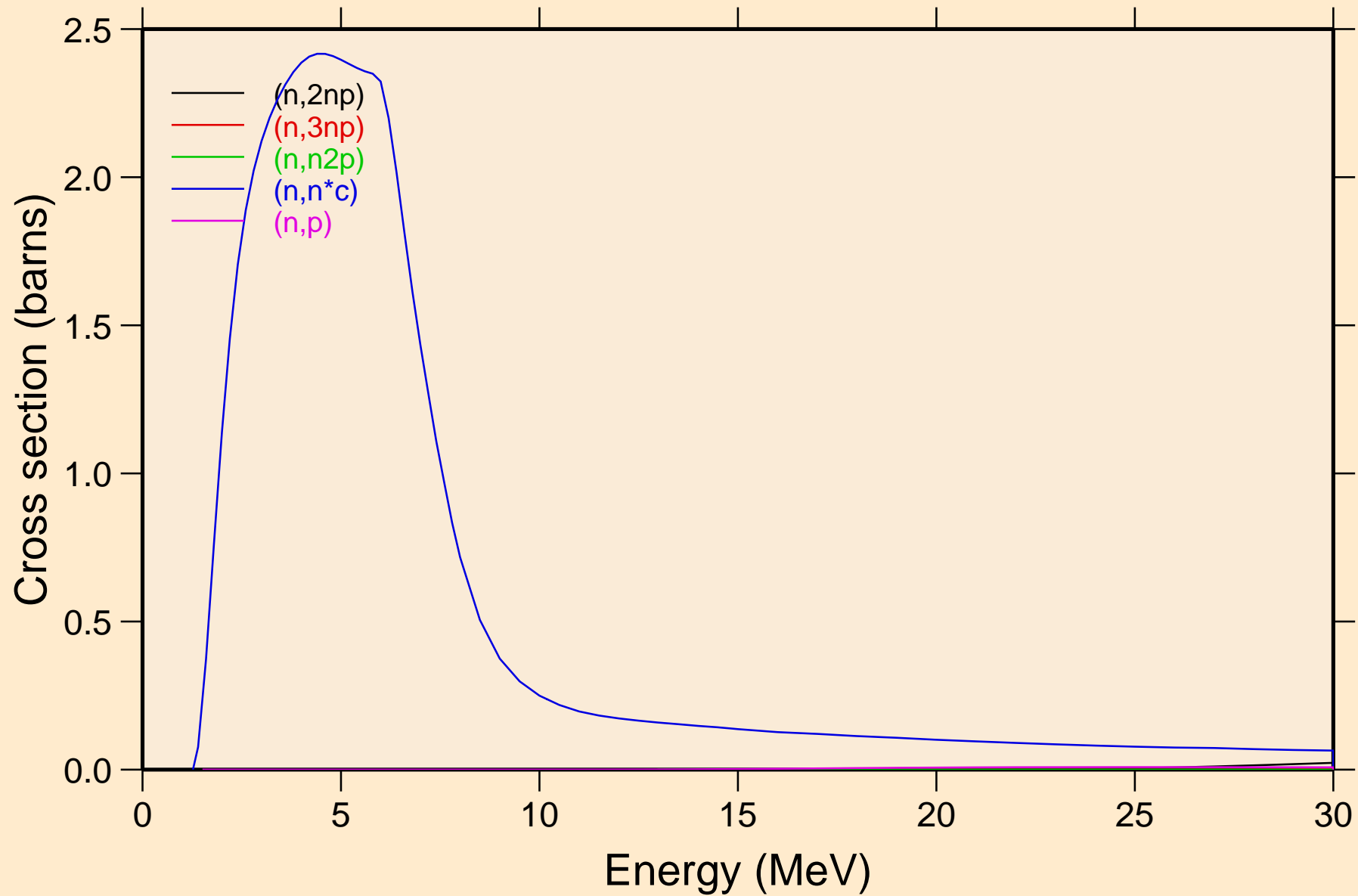
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



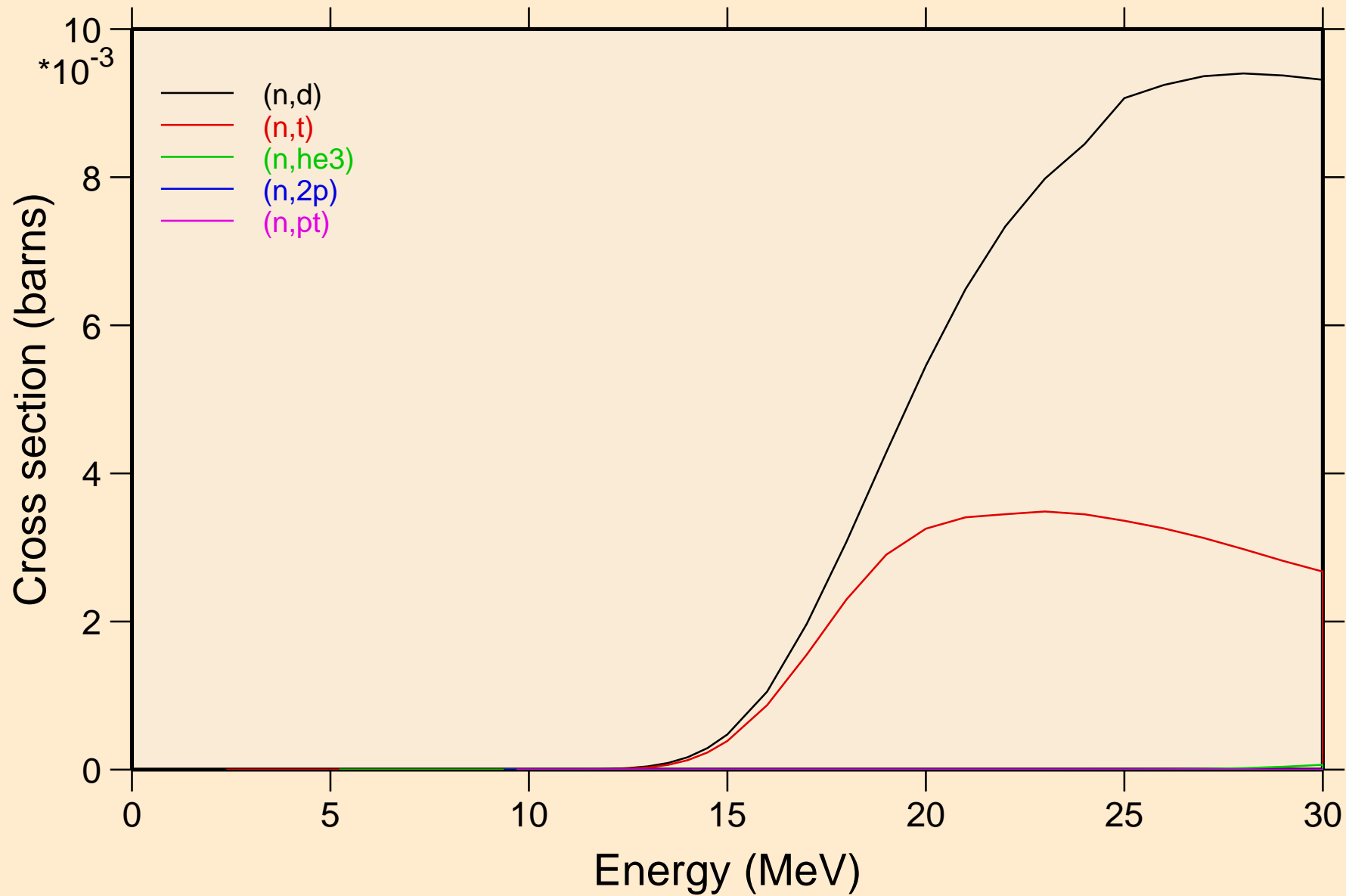
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



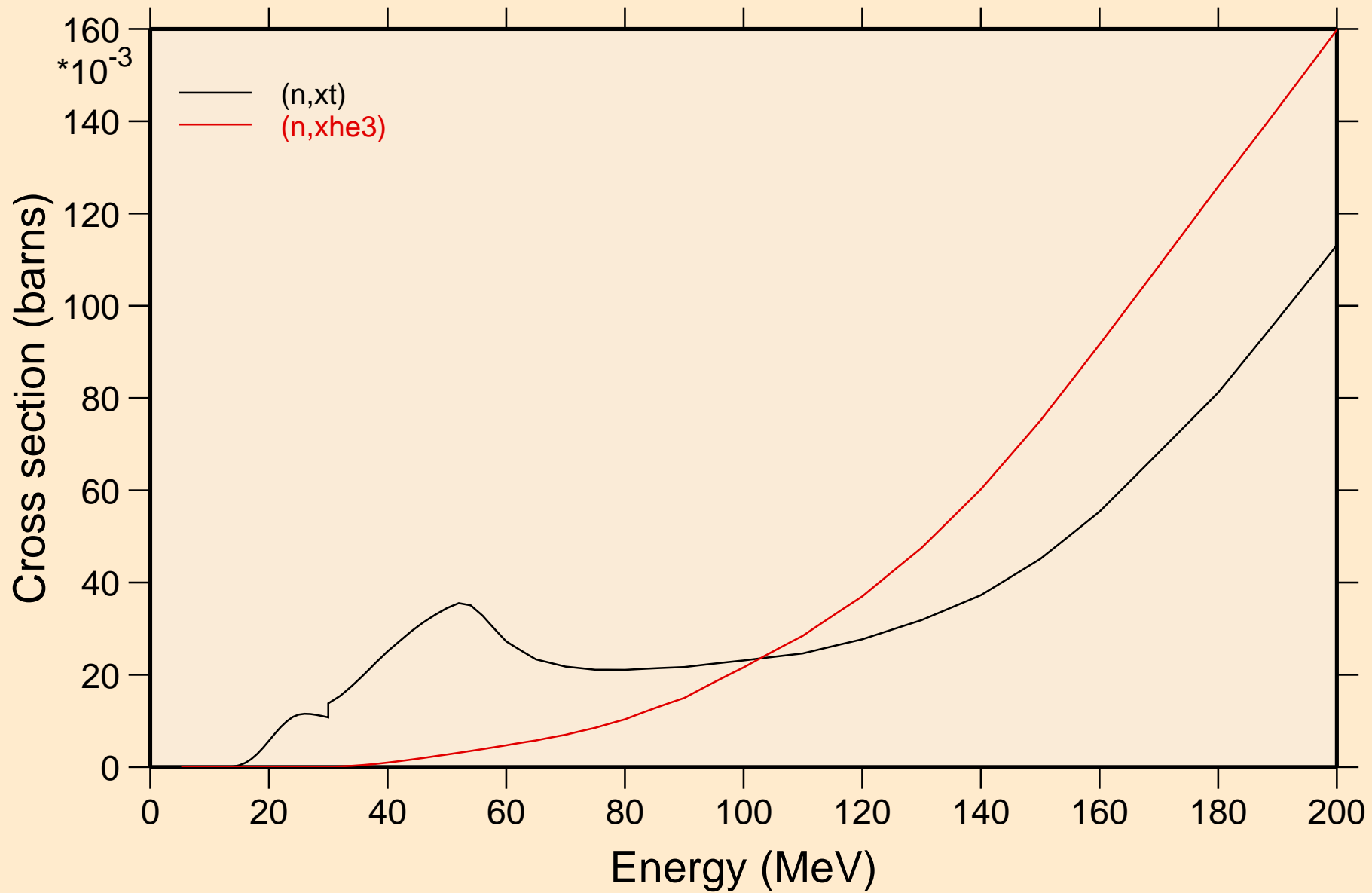
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



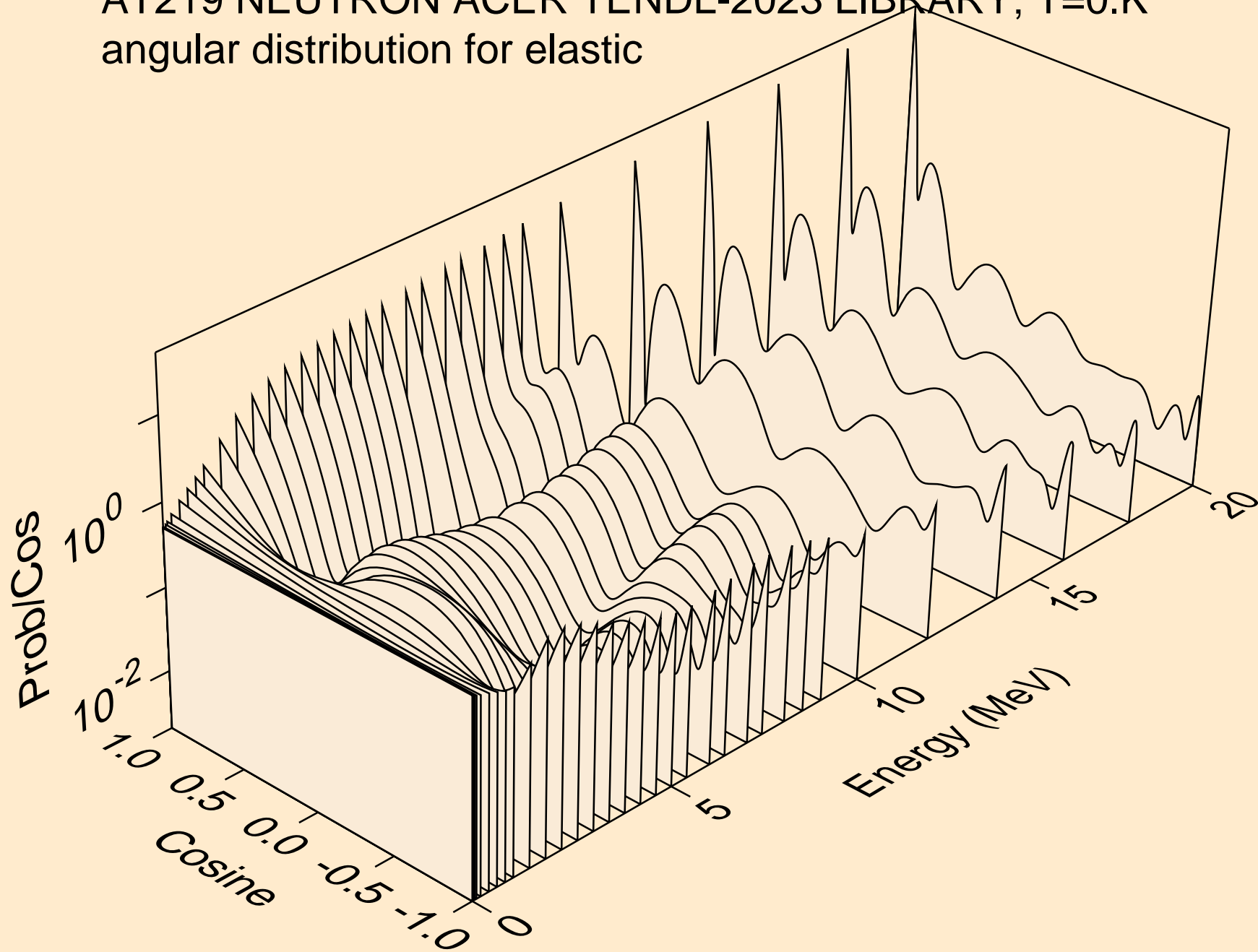
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



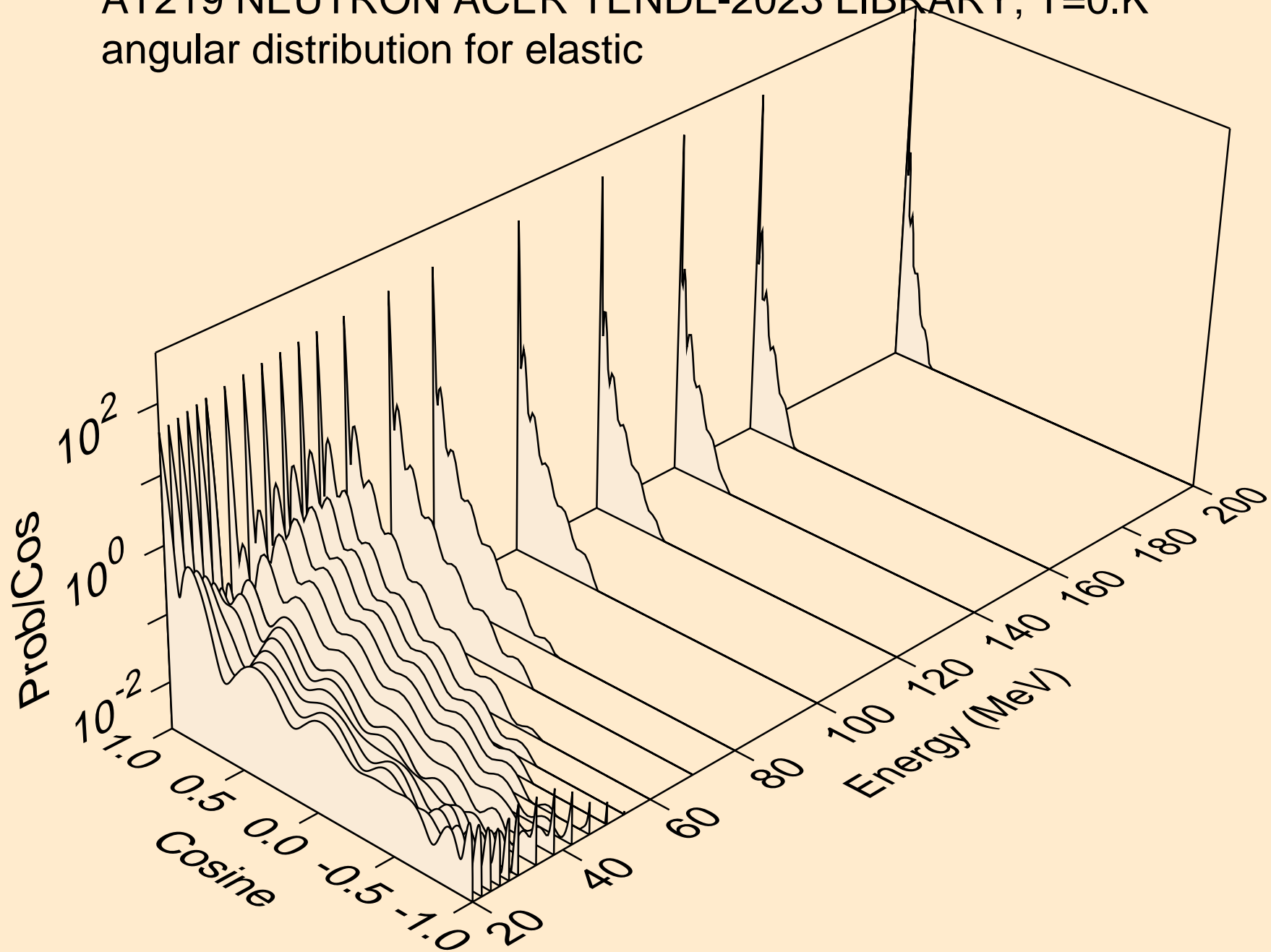
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



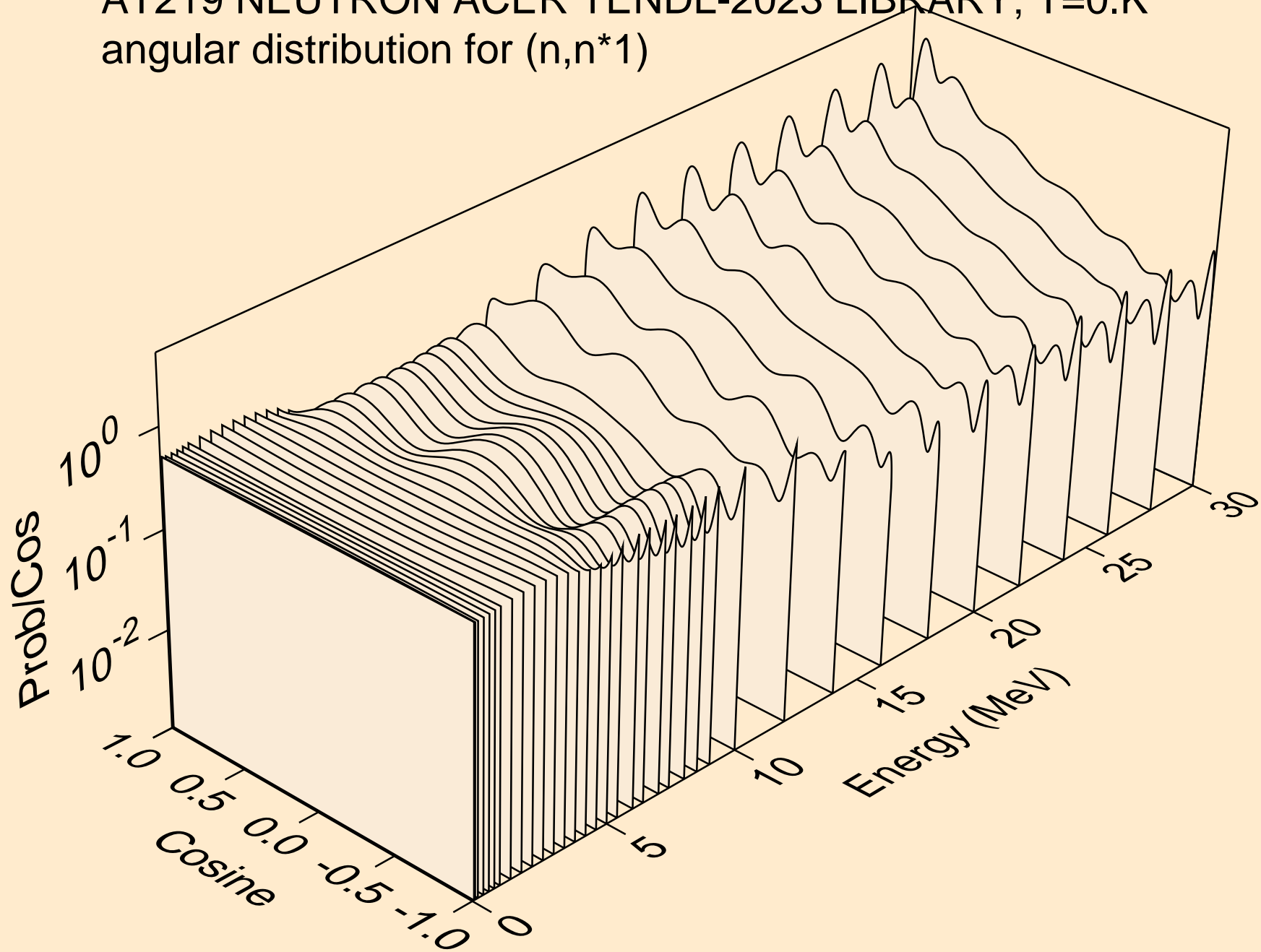
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



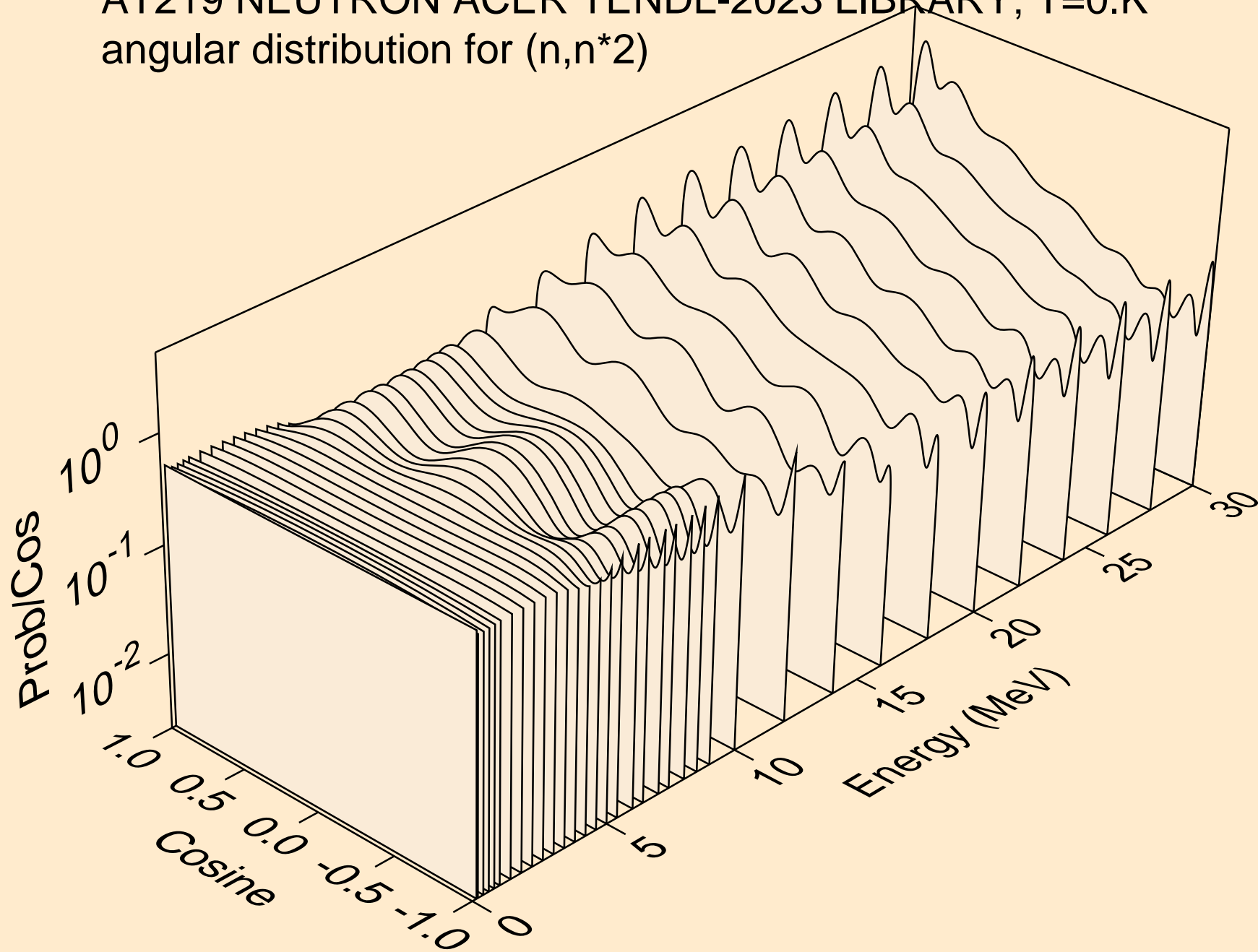
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



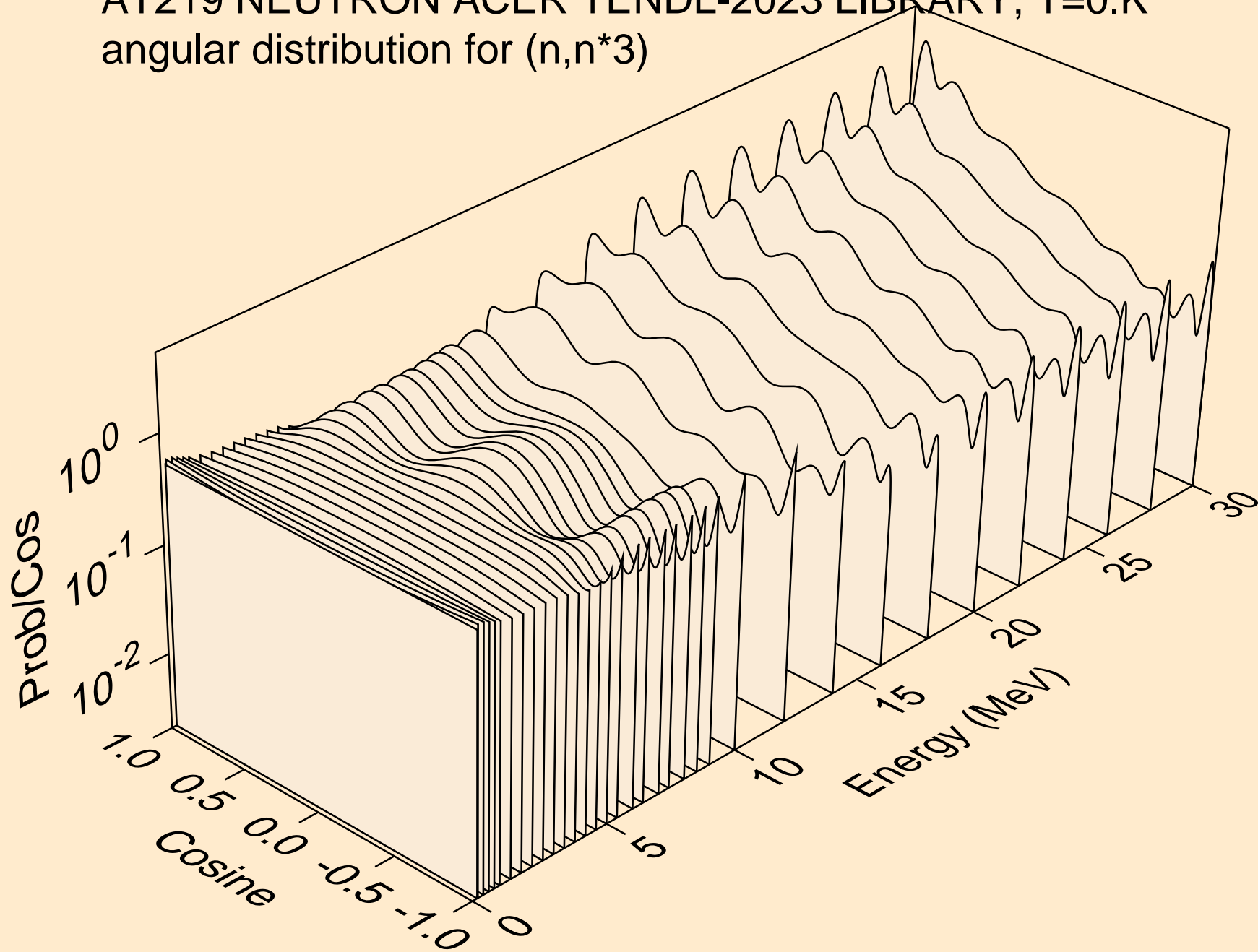
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



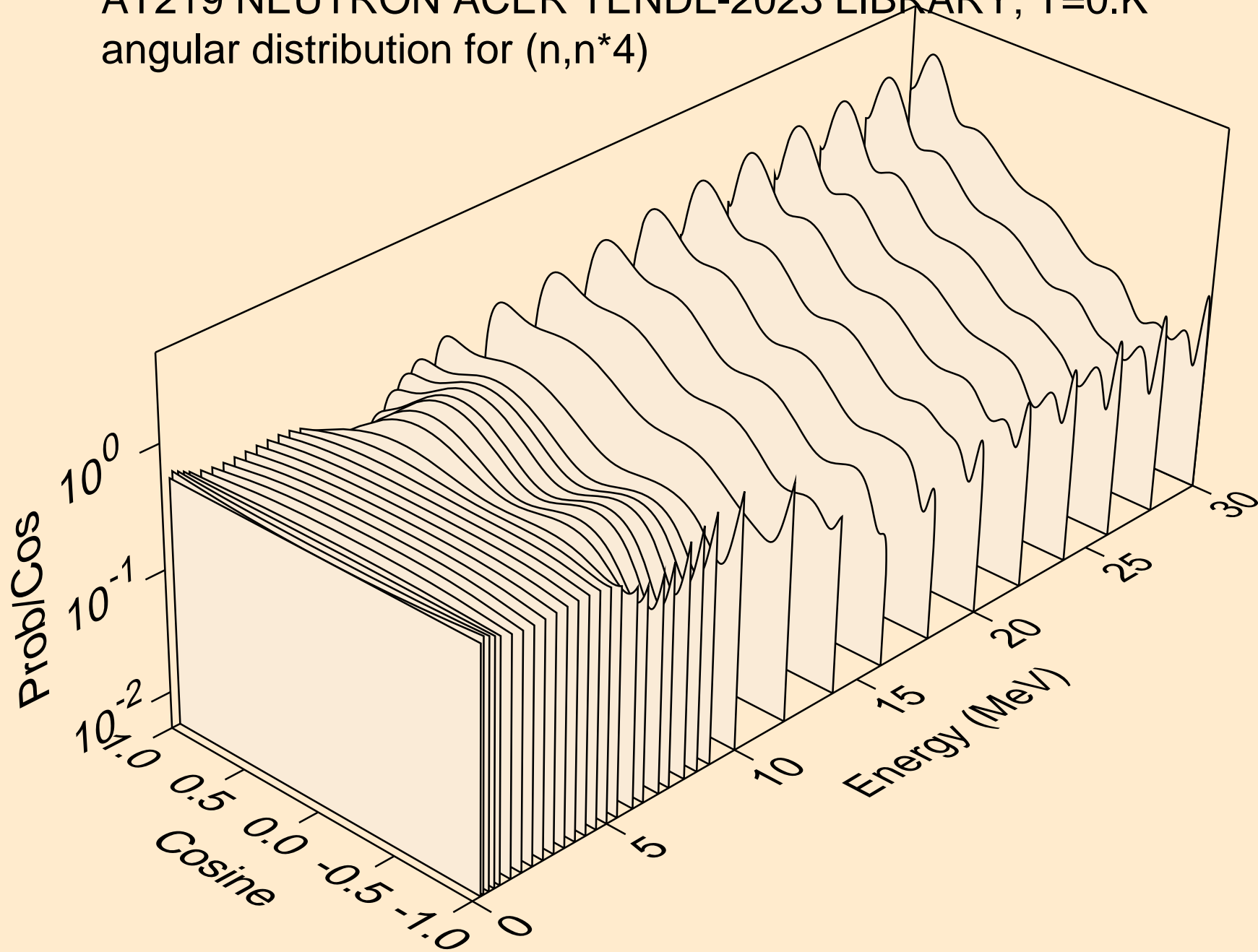
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



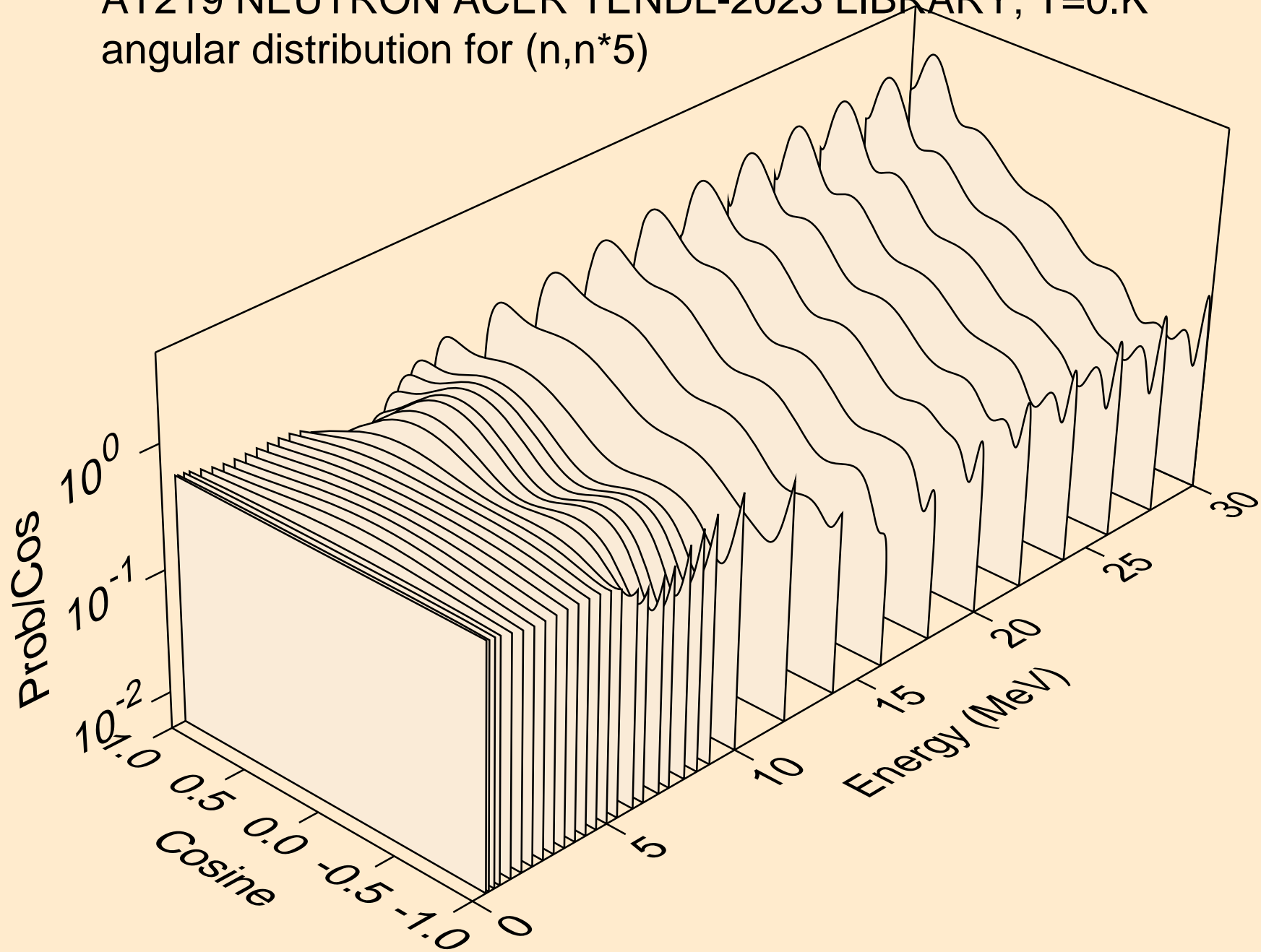
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



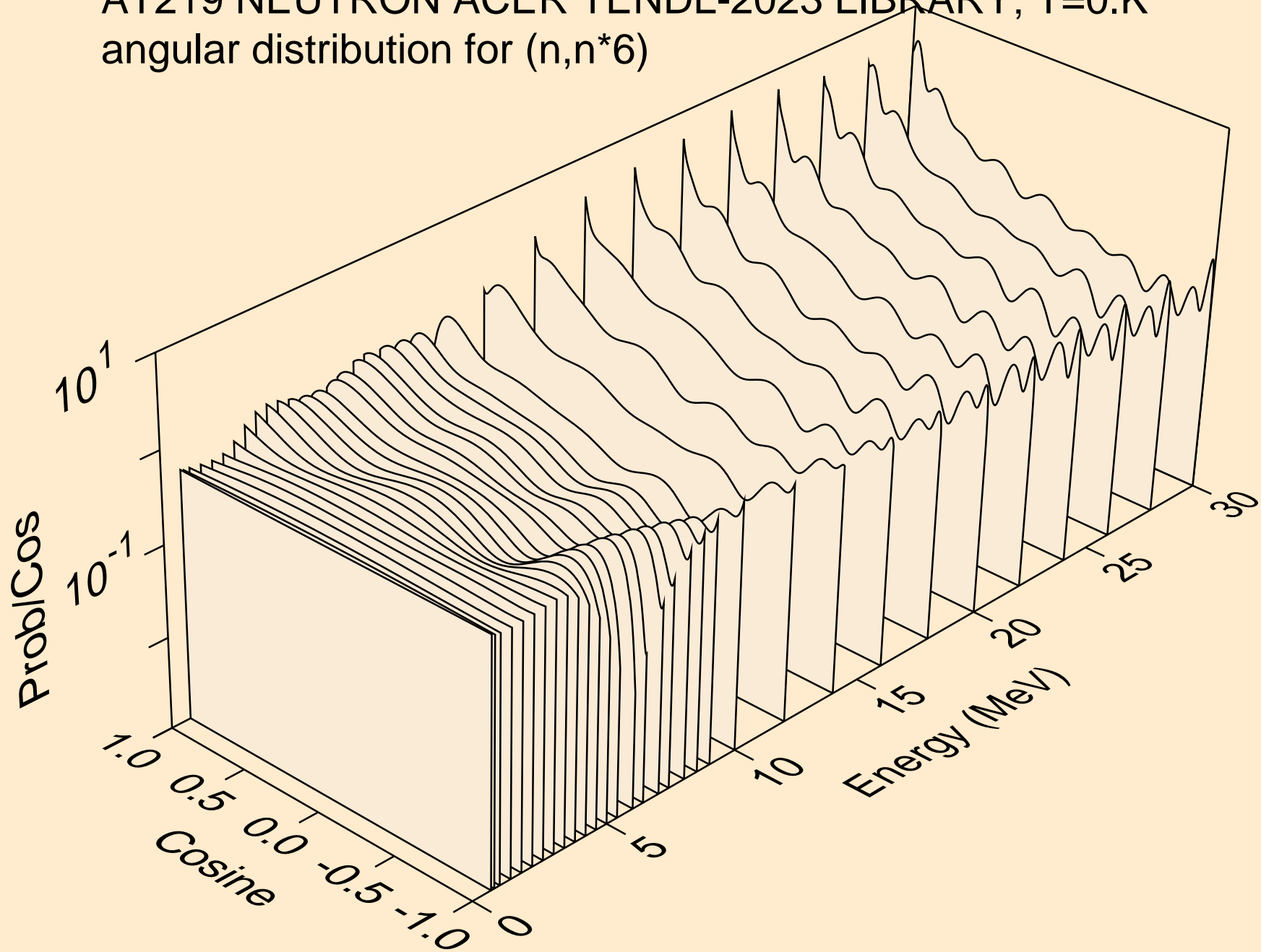
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



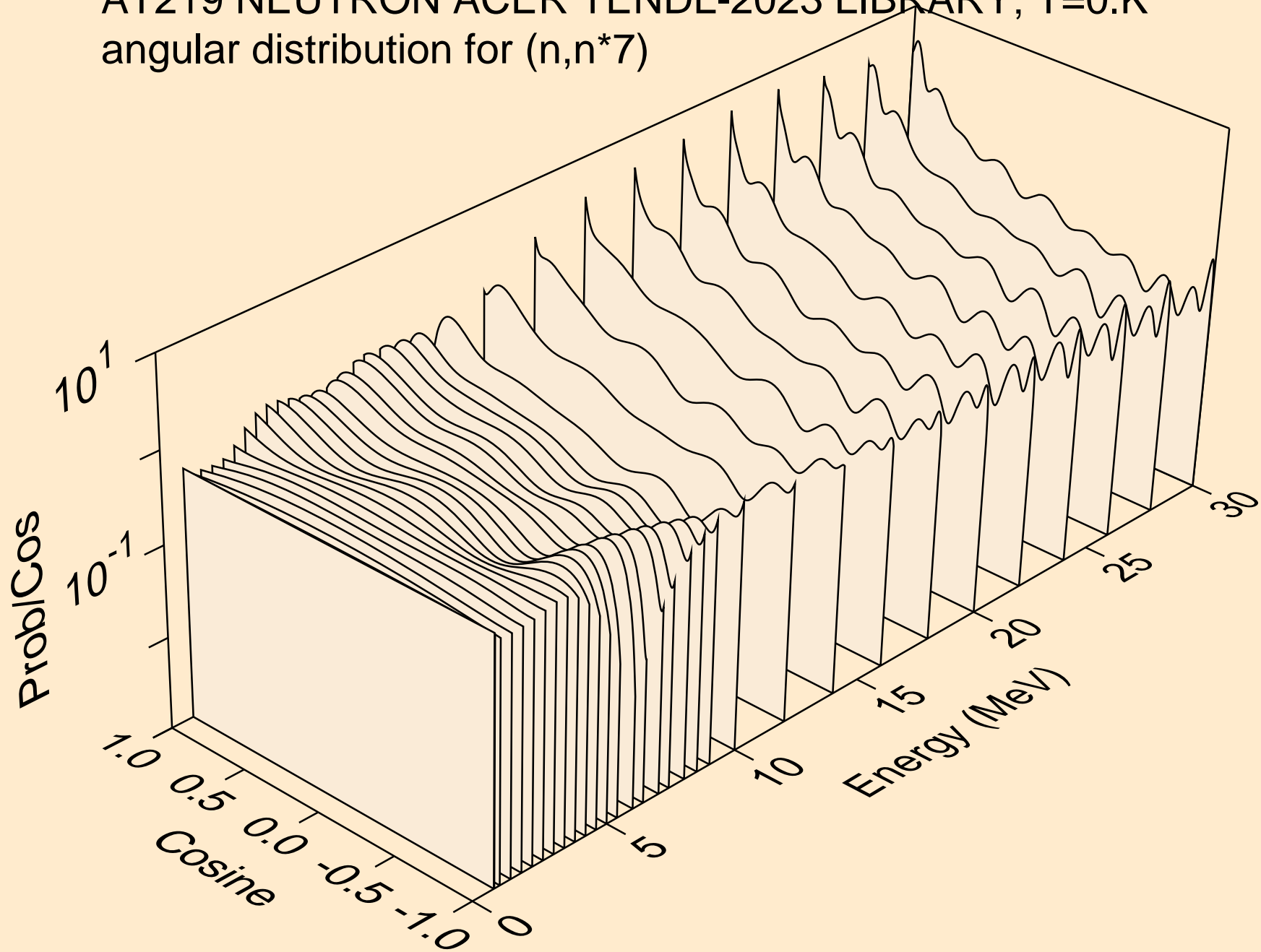
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



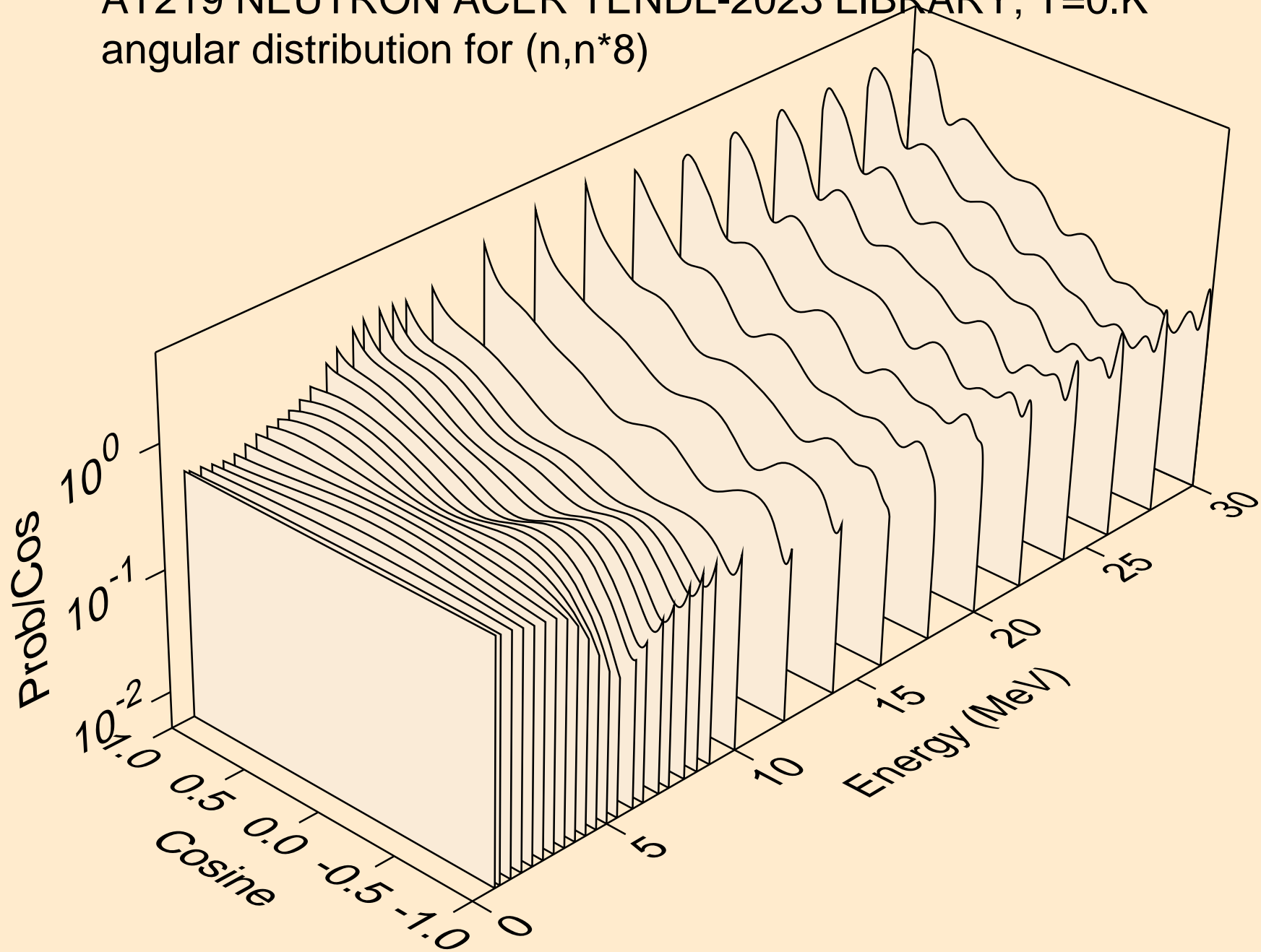
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



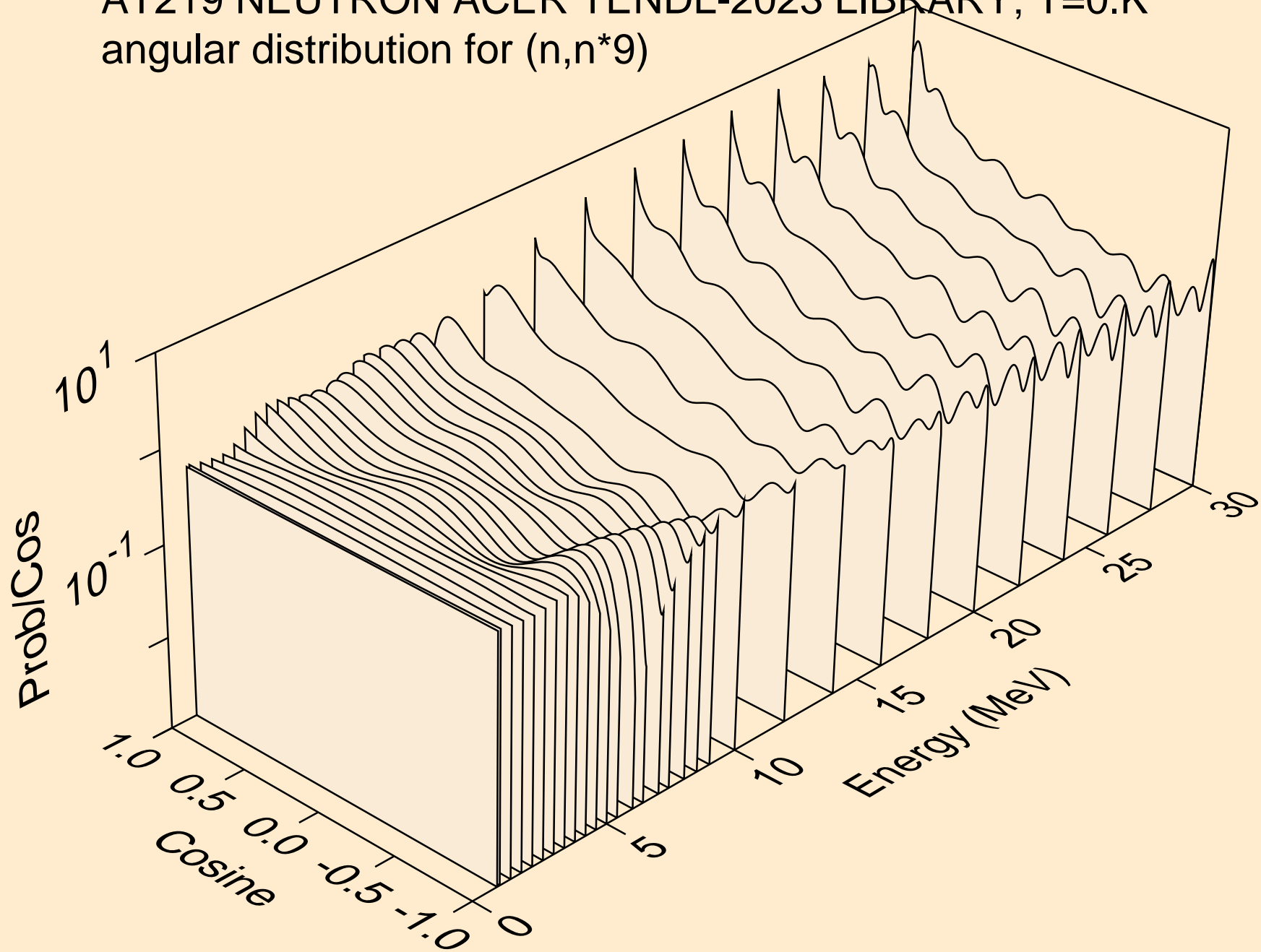
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



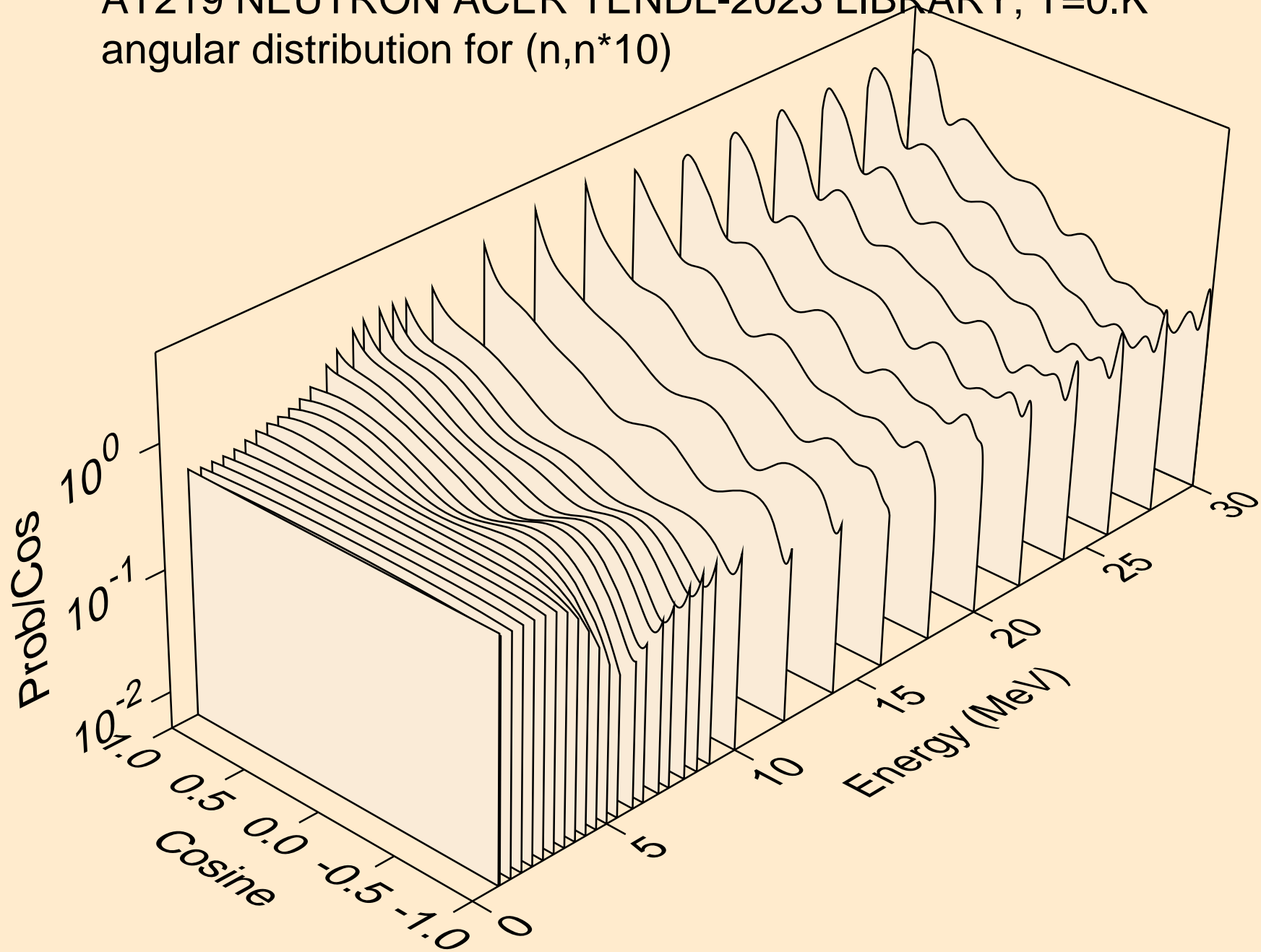
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



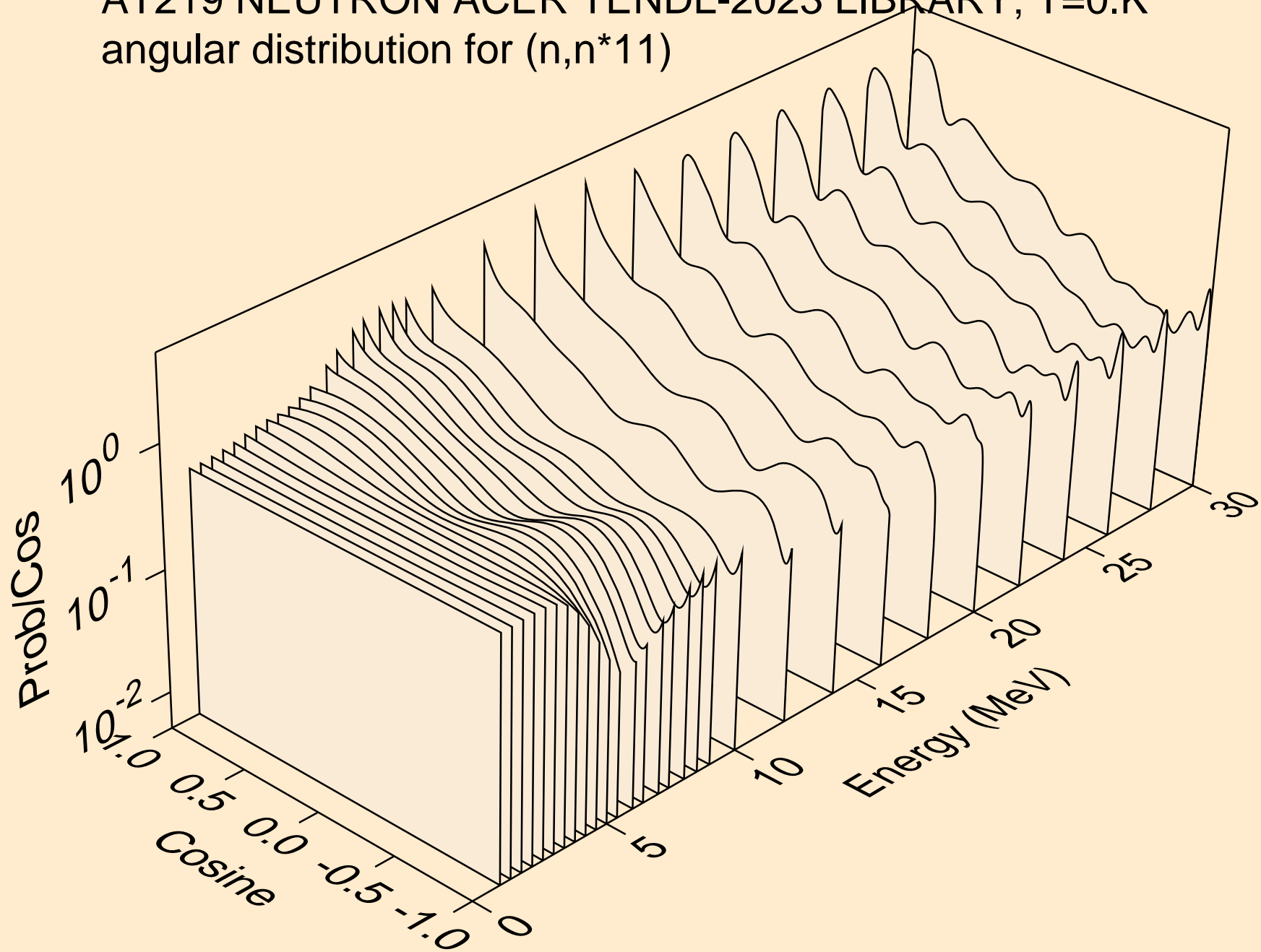
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angular distribution for (n,n*9)



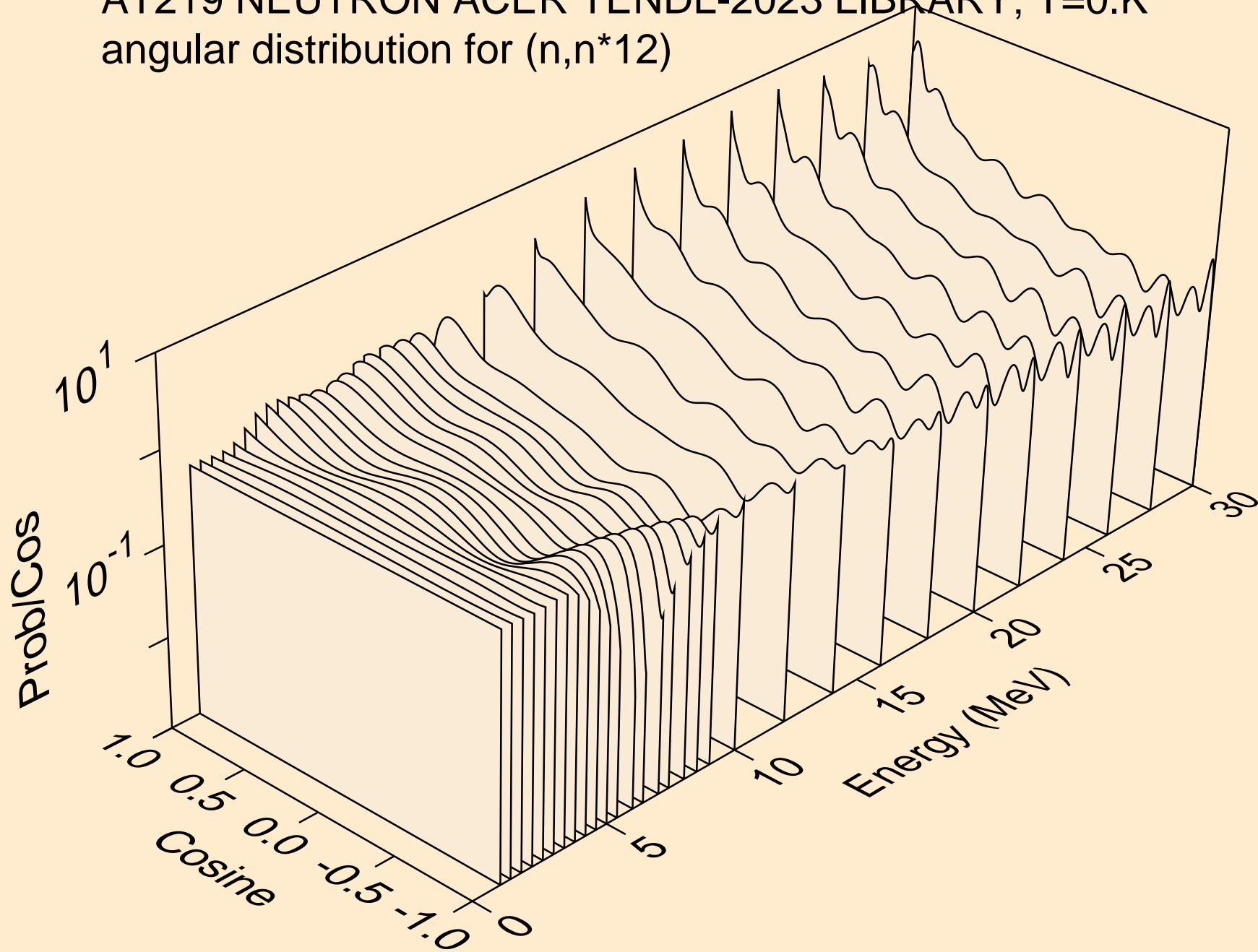
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angular distribution for (n,n*10)



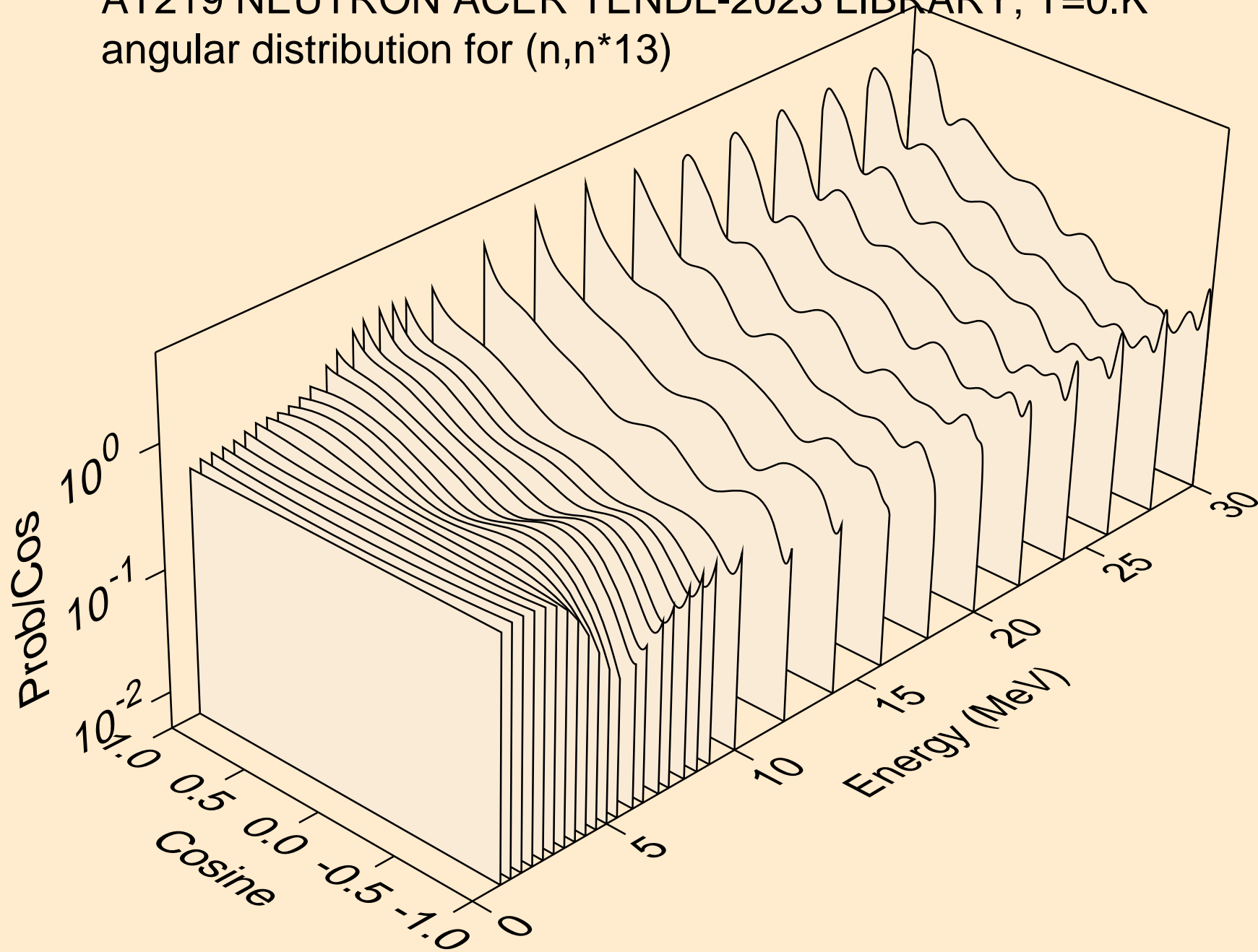
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angular distribution for (n,n*11)



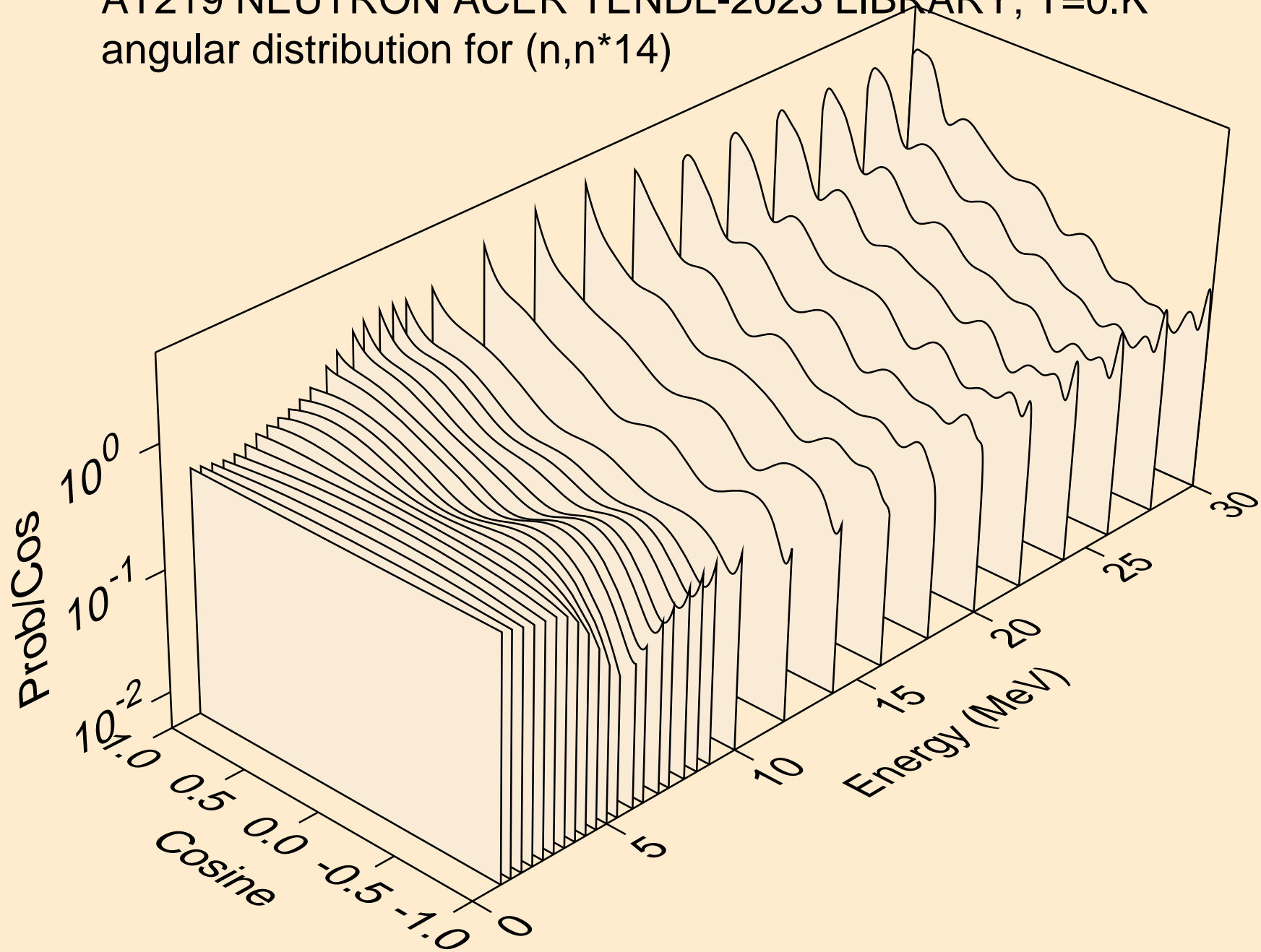
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angular distribution for (n,n*12)



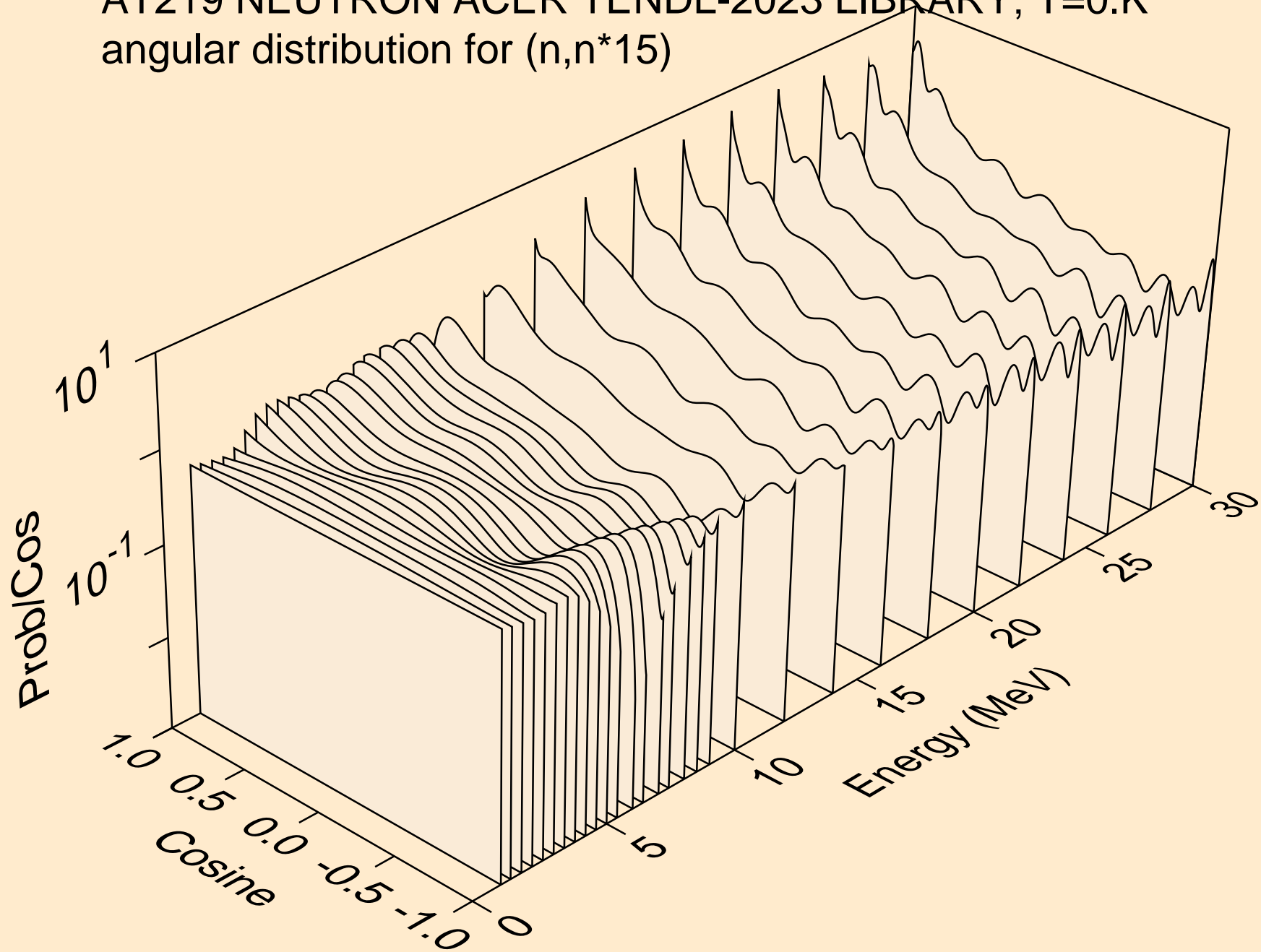
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angular distribution for (n,n*13)



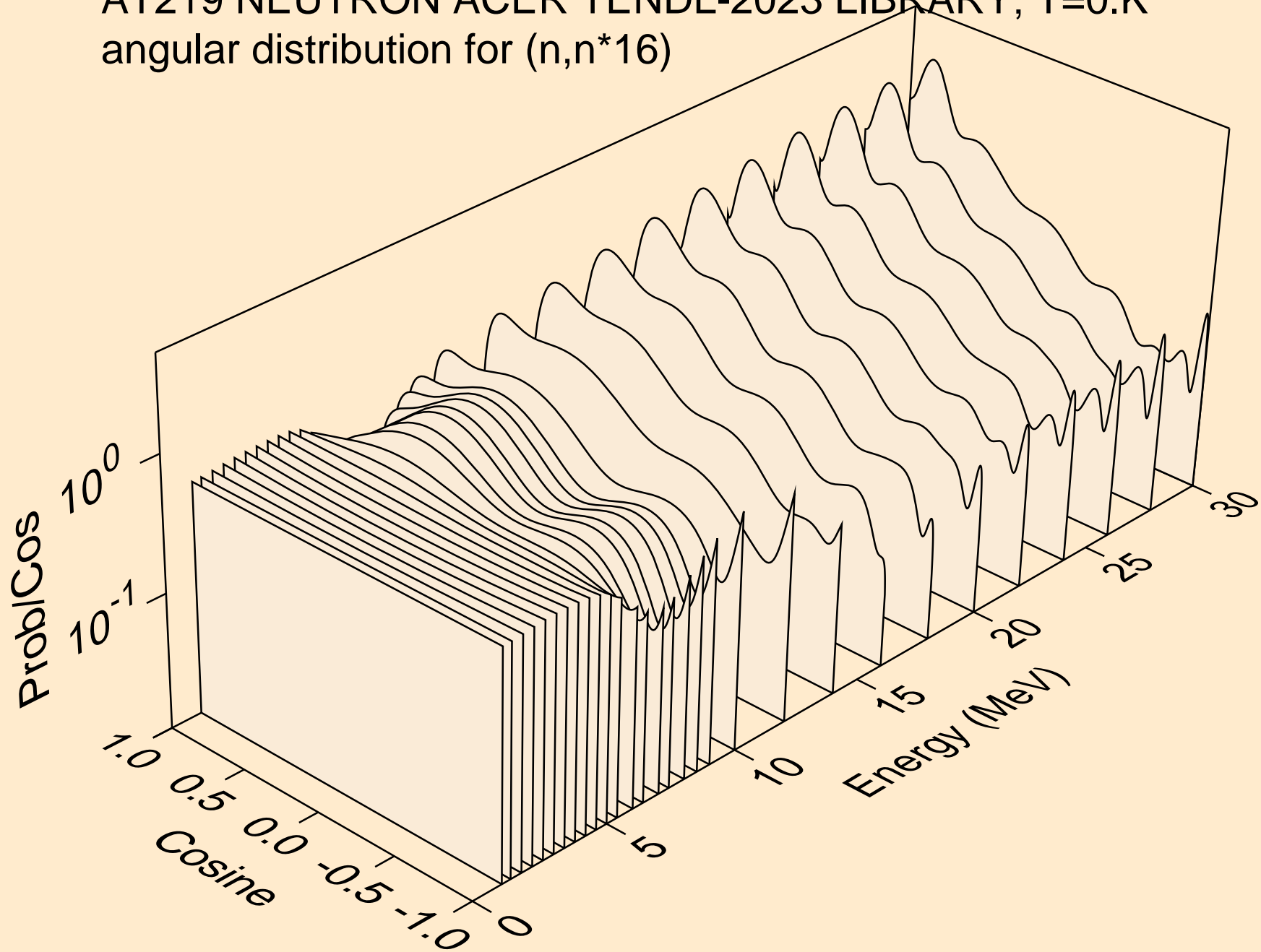
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angular distribution for (n,n*14)



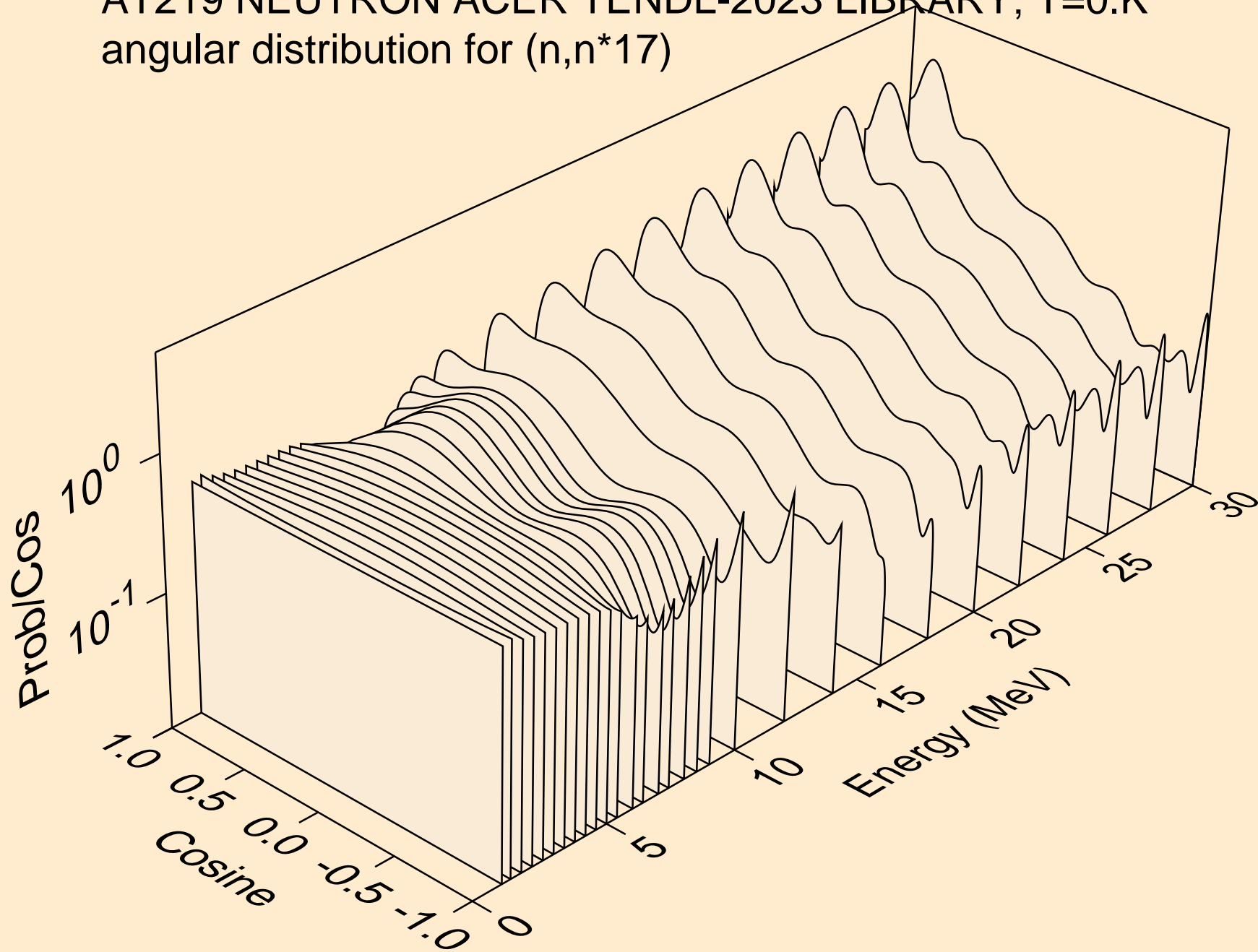
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angular distribution for (n,n*15)



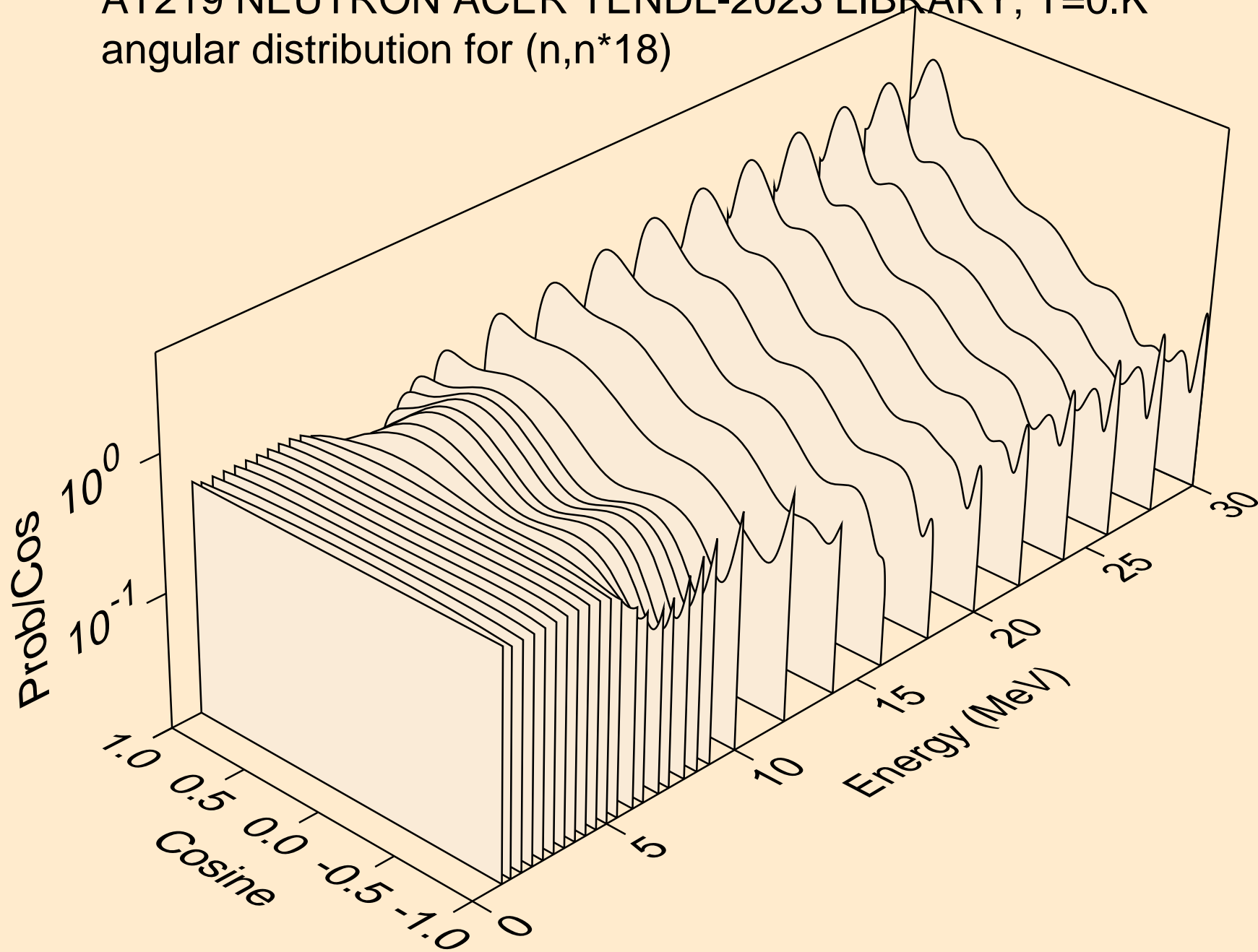
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angular distribution for (n,n*16)



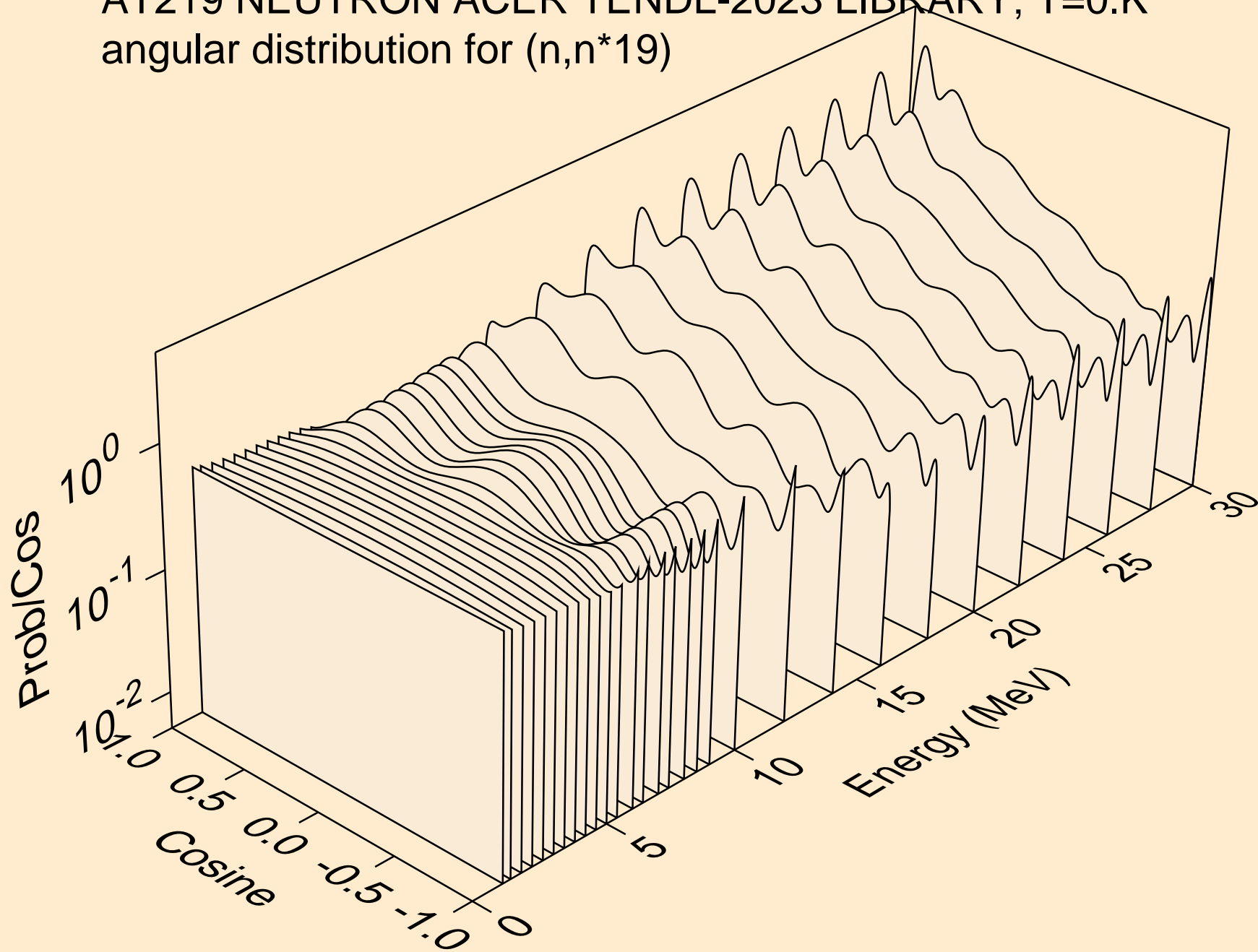
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angular distribution for (n,n*17)



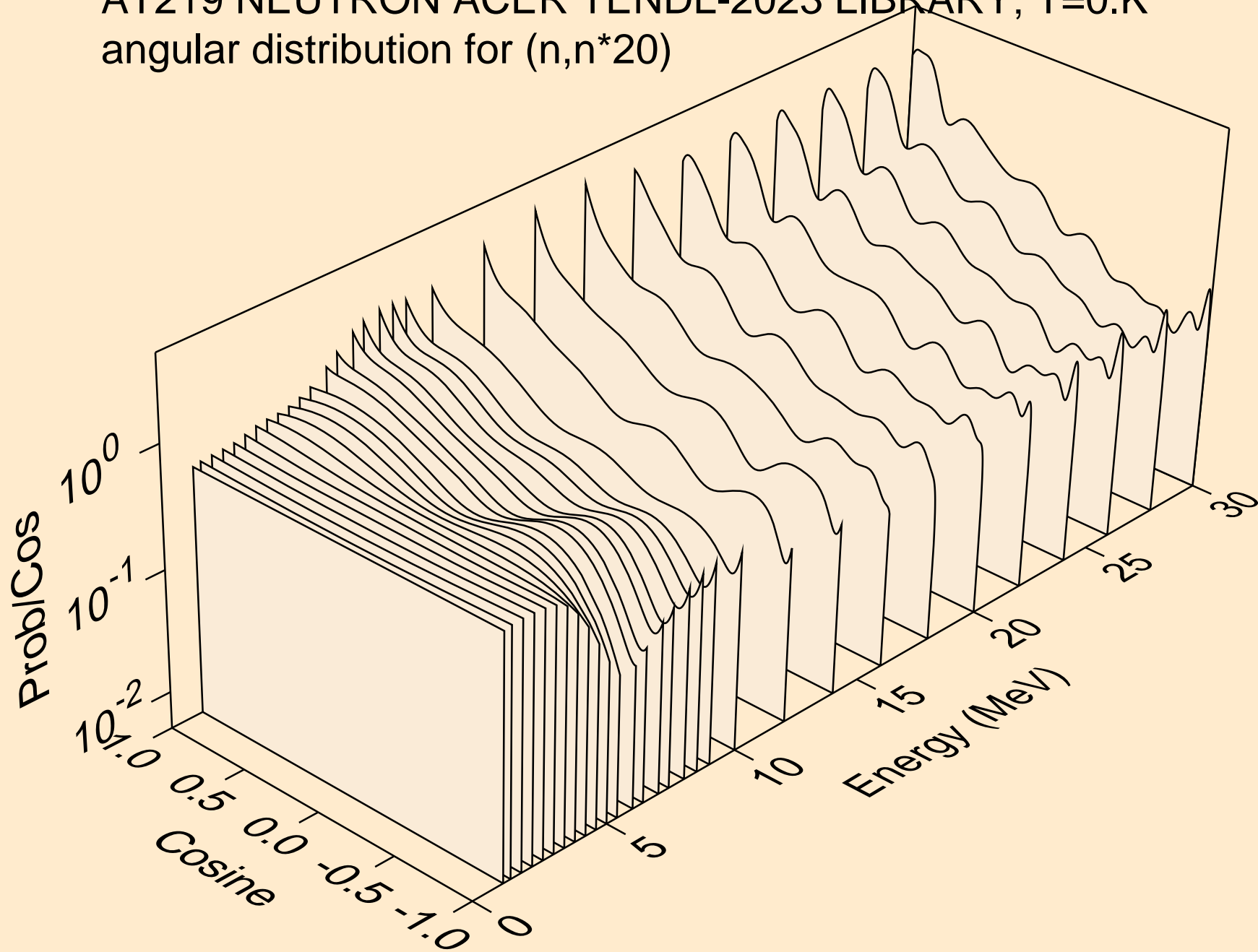
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*18)



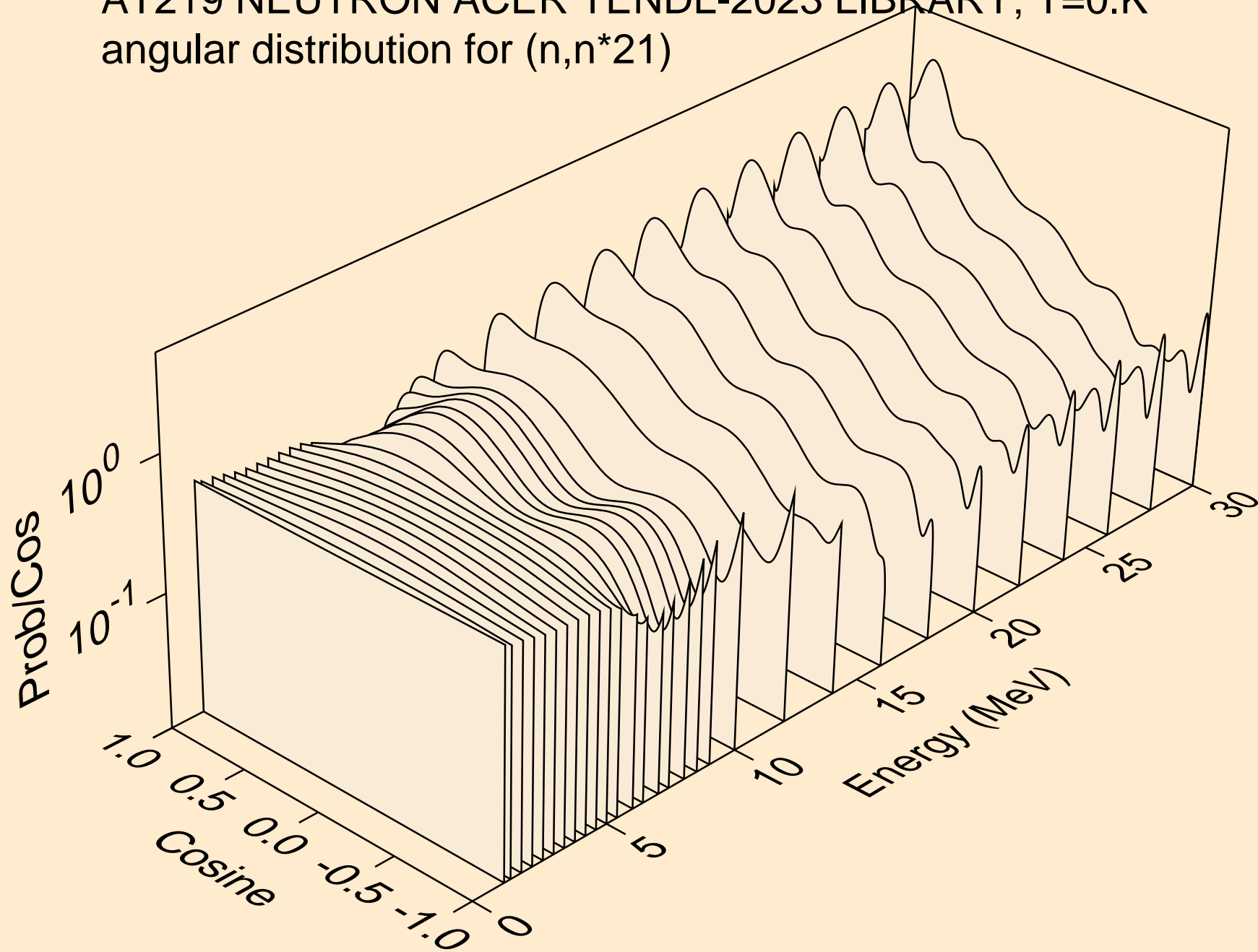
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angular distribution for (n,n*19)



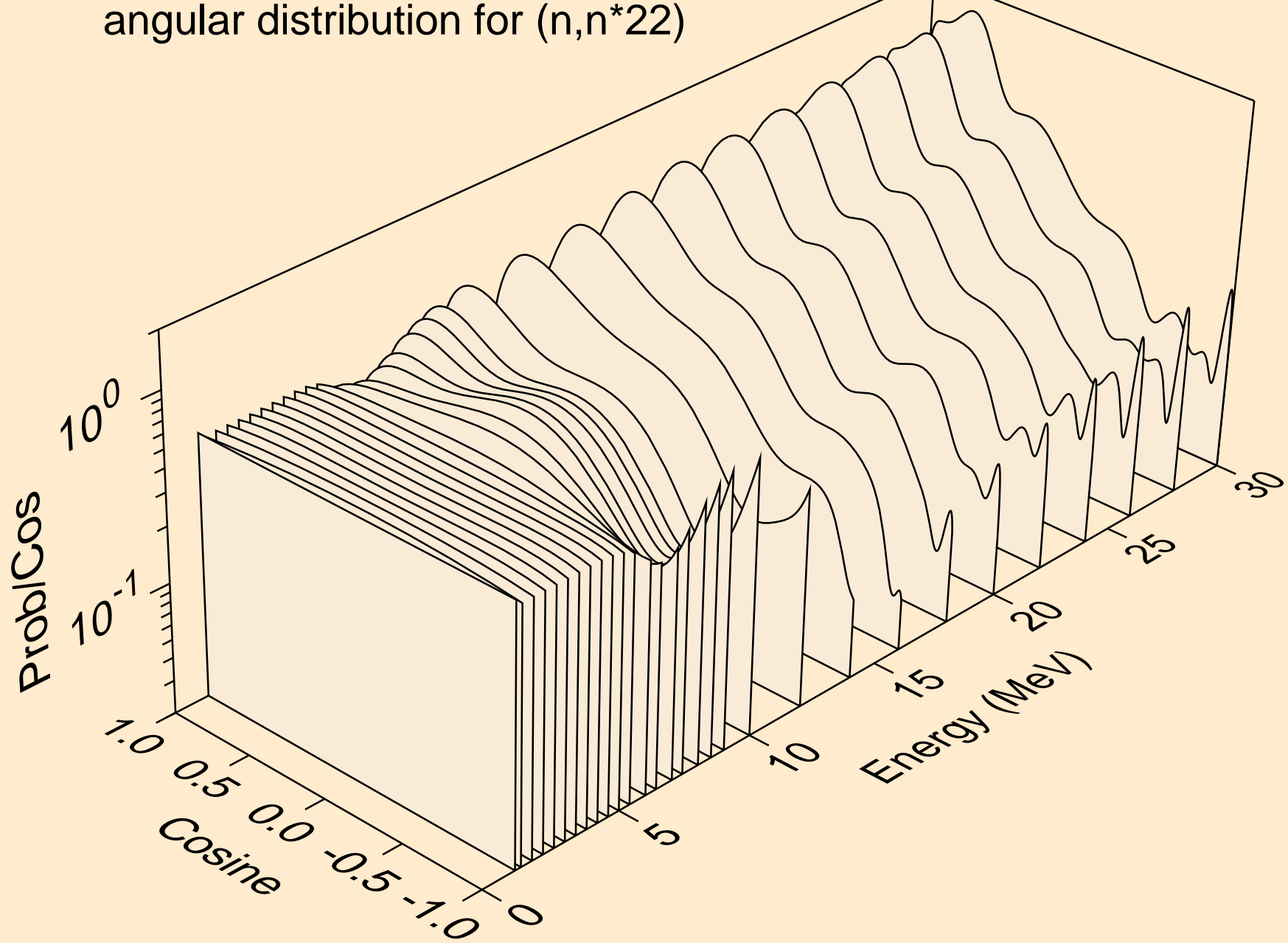
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angular distribution for (n,n*20)



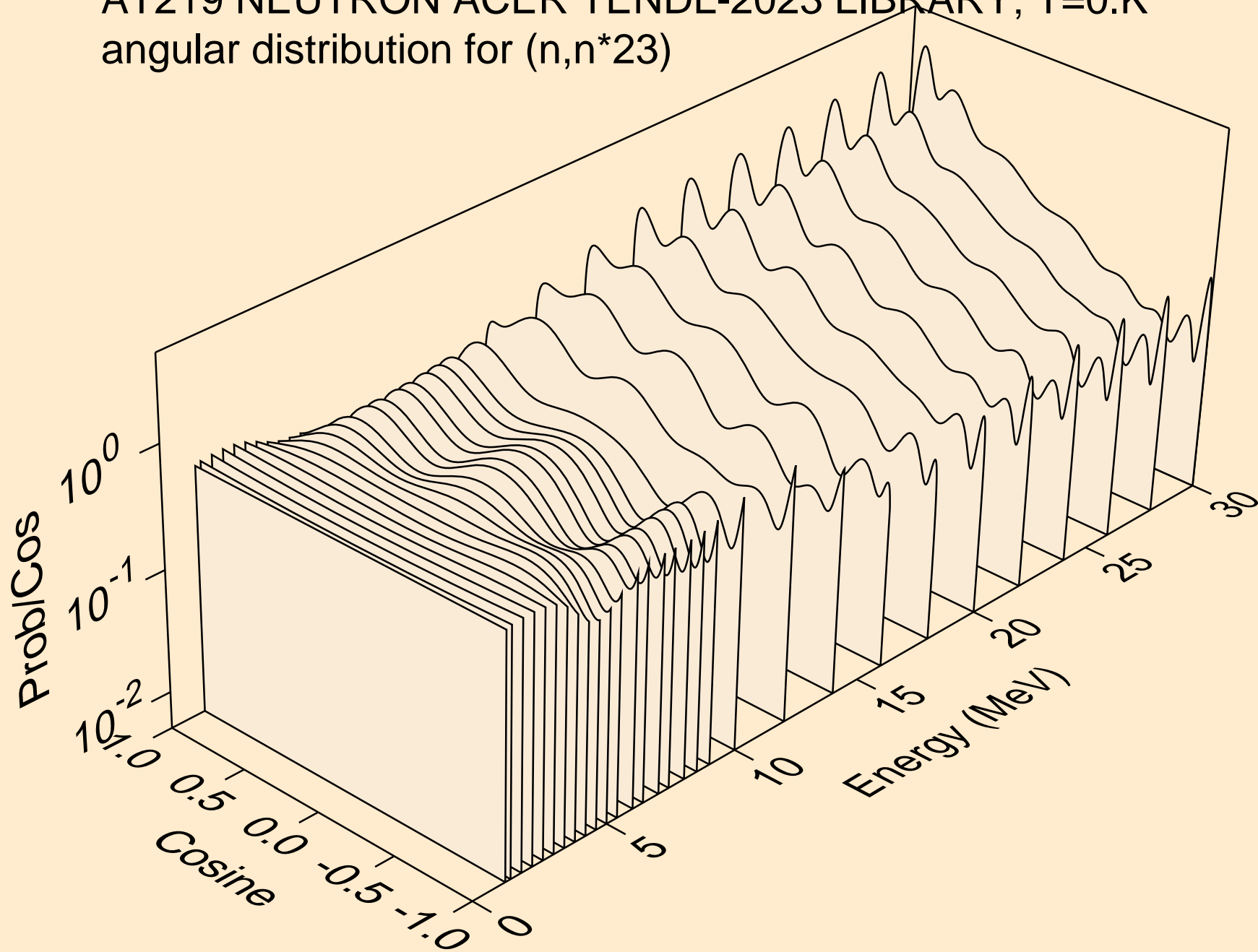
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angular distribution for (n,n*21)



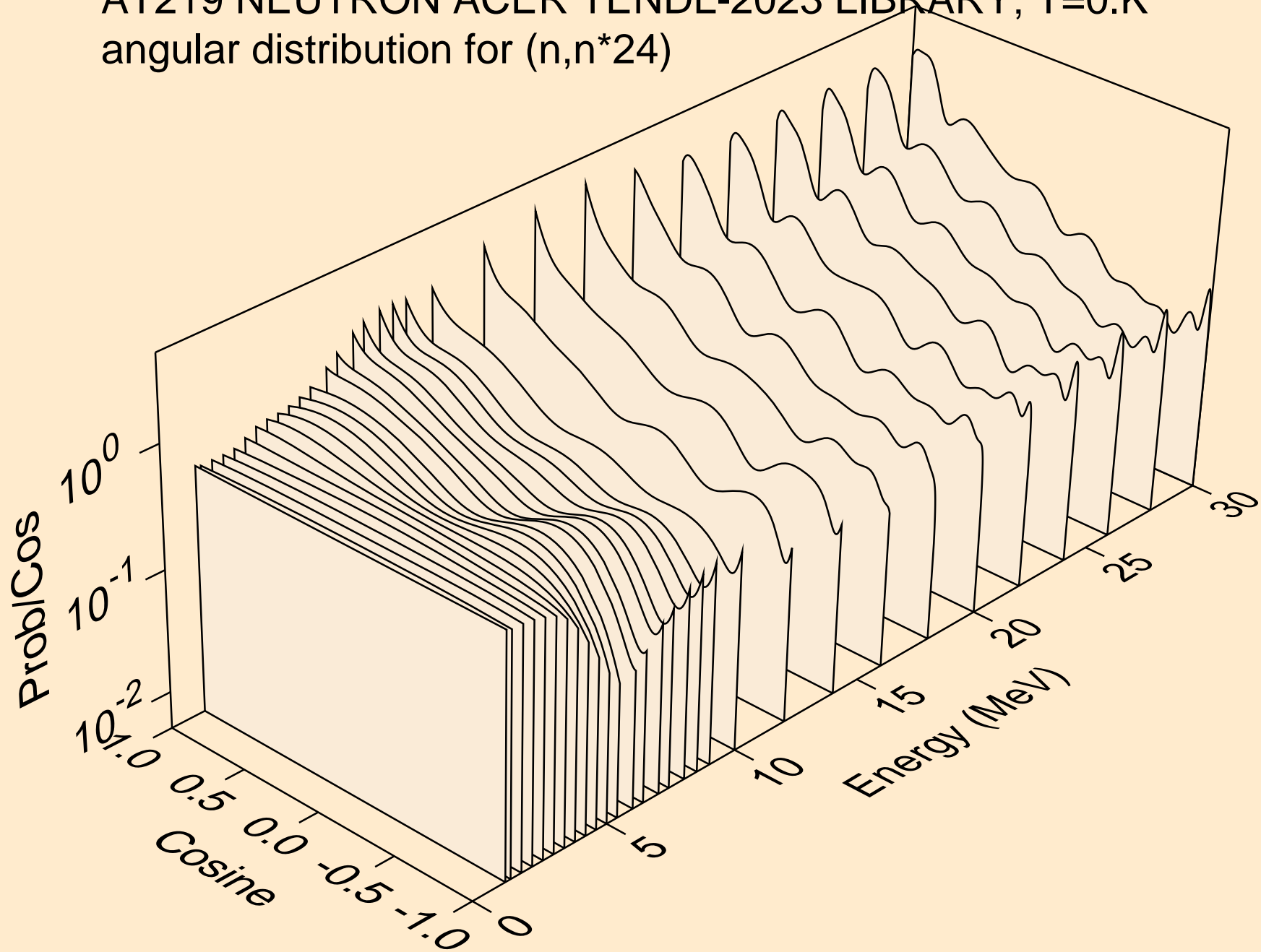
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angular distribution for (n,n*22)



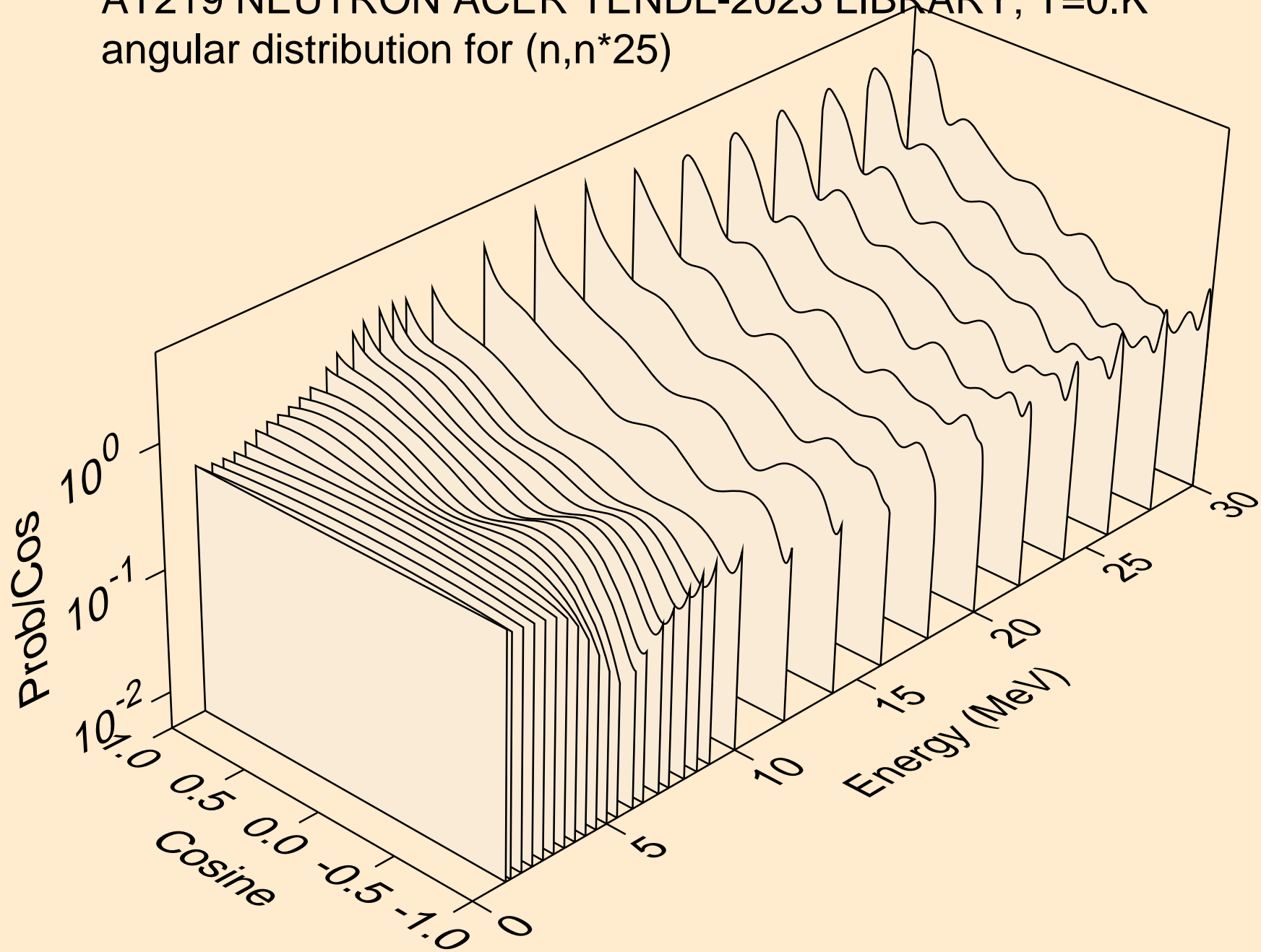
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angular distribution for (n,n*23)



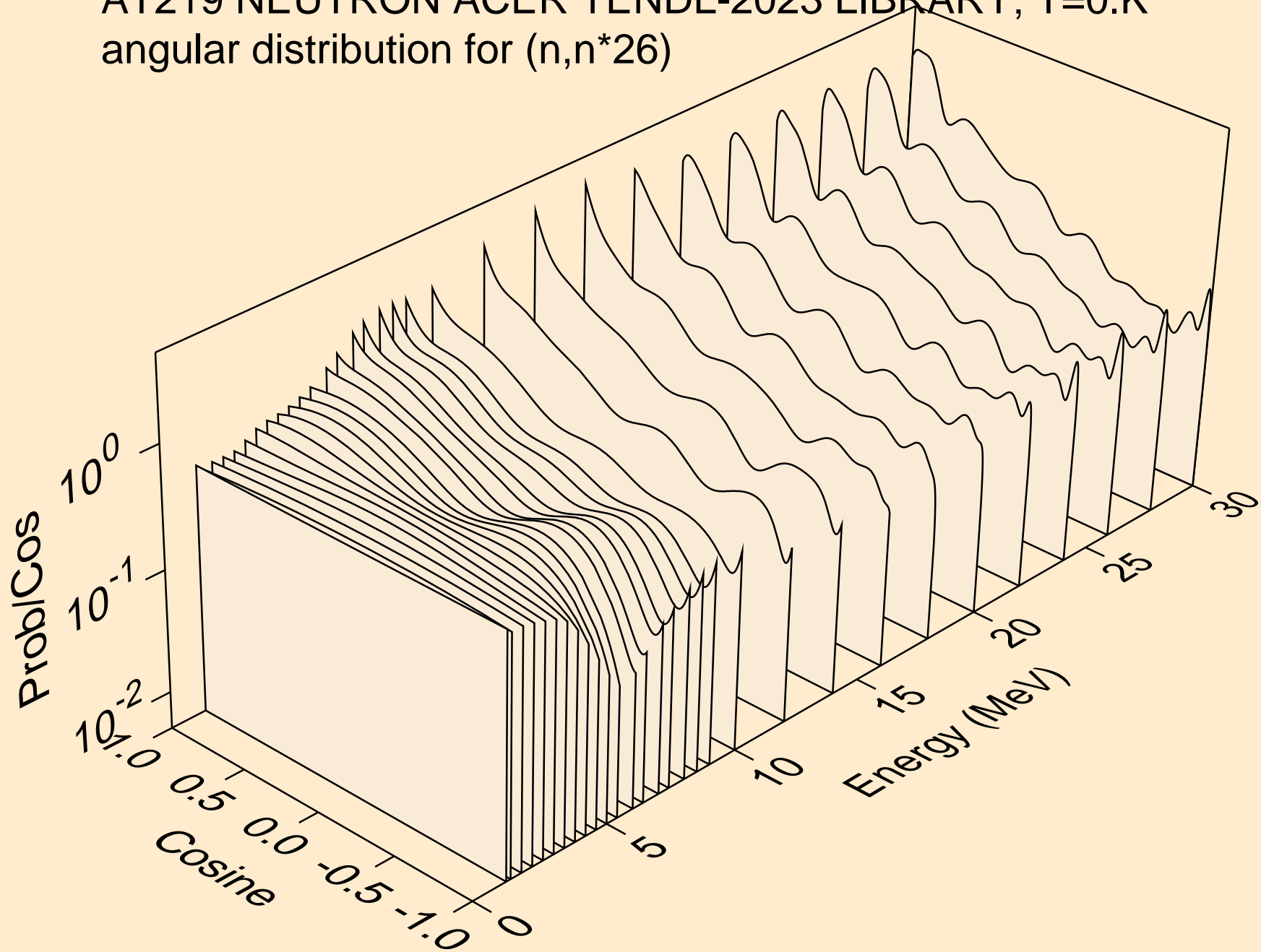
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angular distribution for (n,n*24)



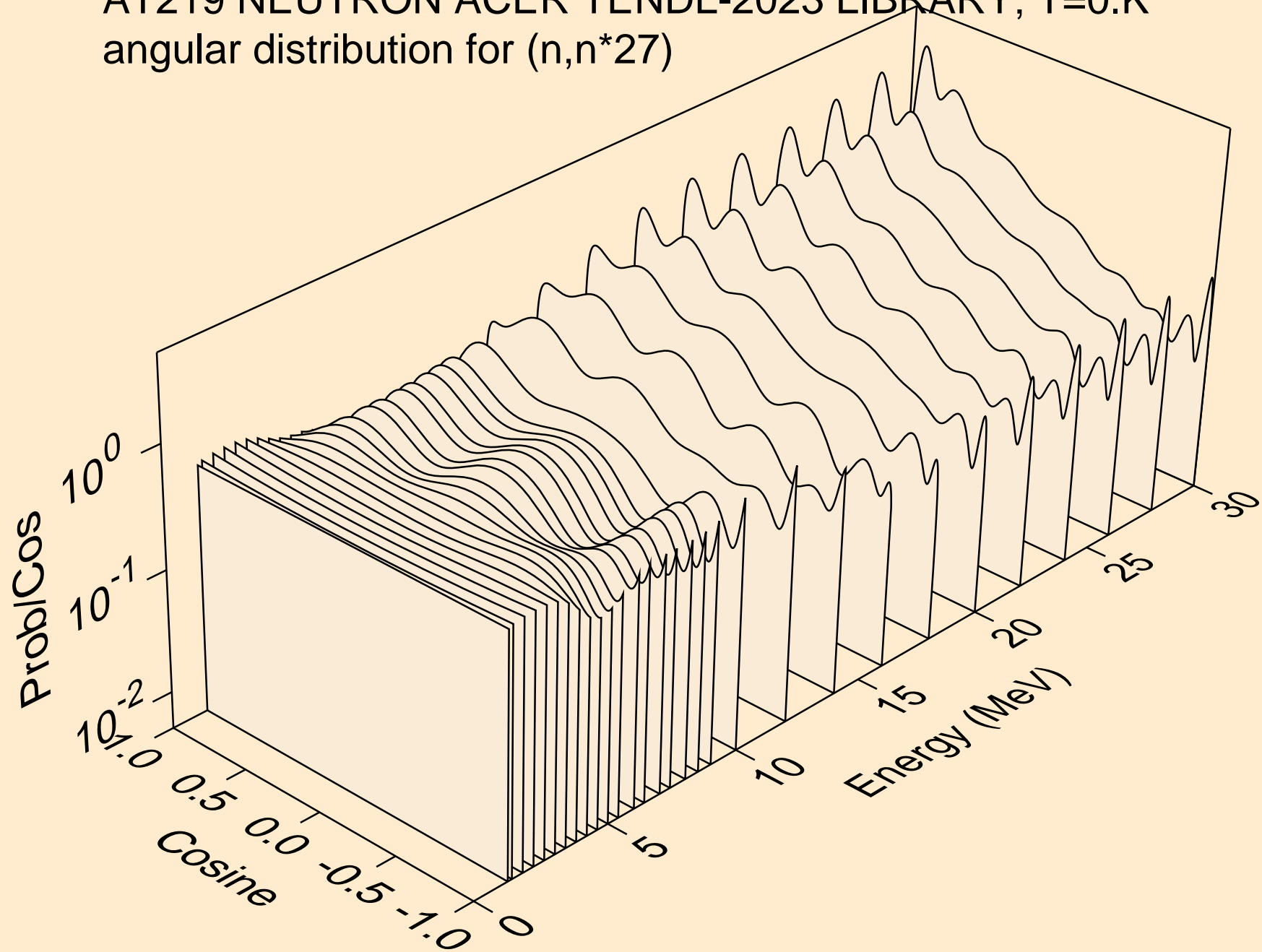
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angular distribution for (n,n*25)



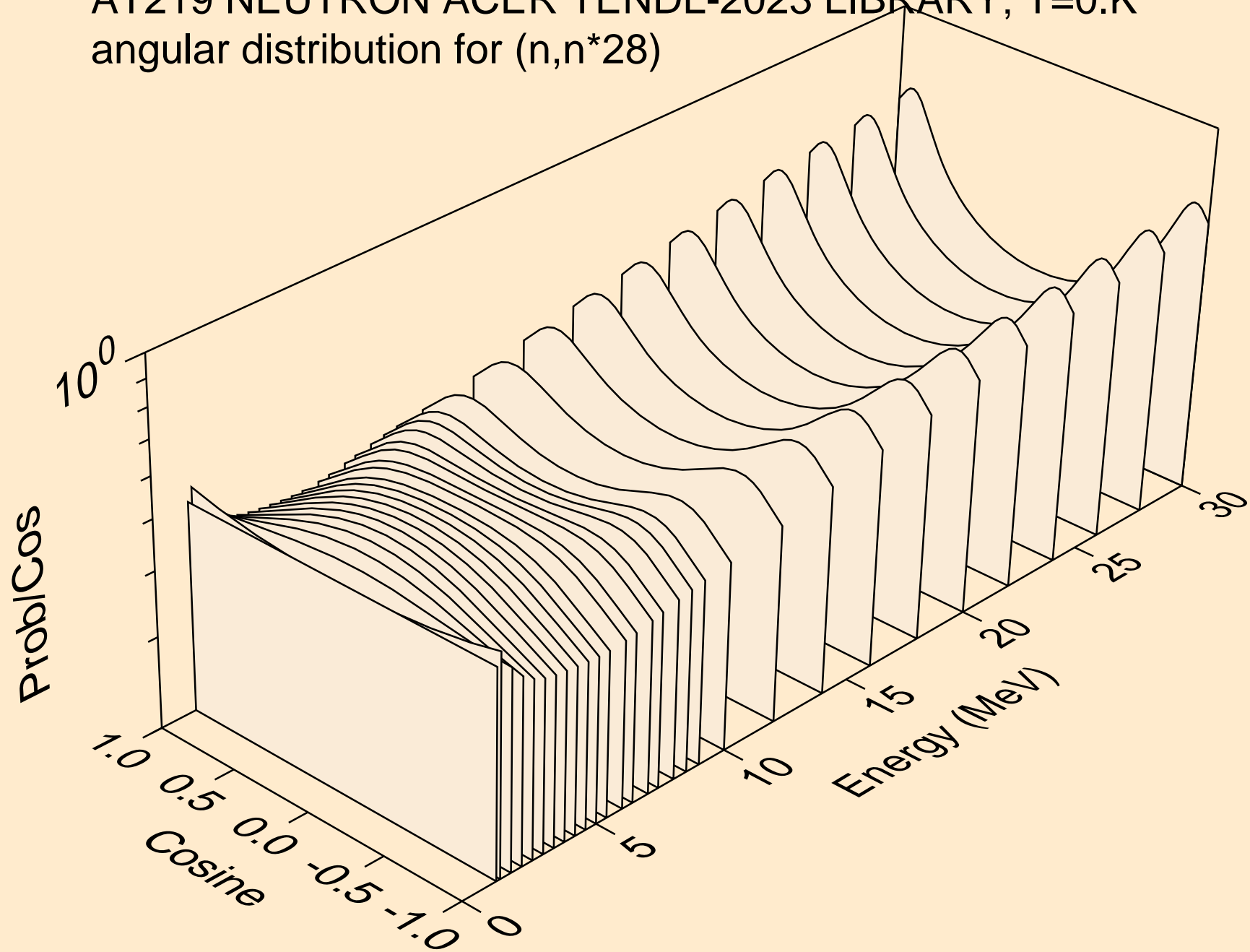
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*26)



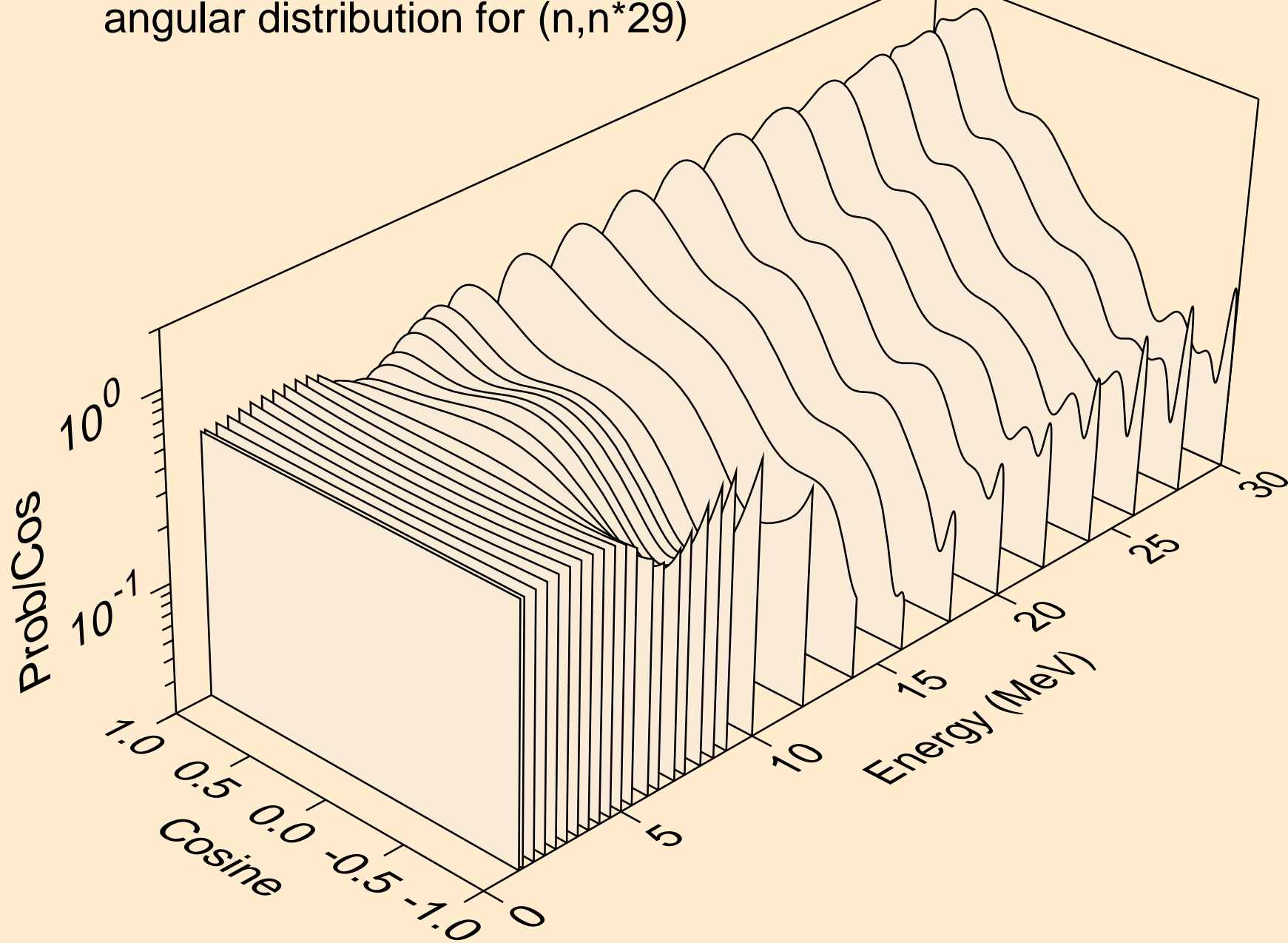
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angular distribution for (n,n*27)



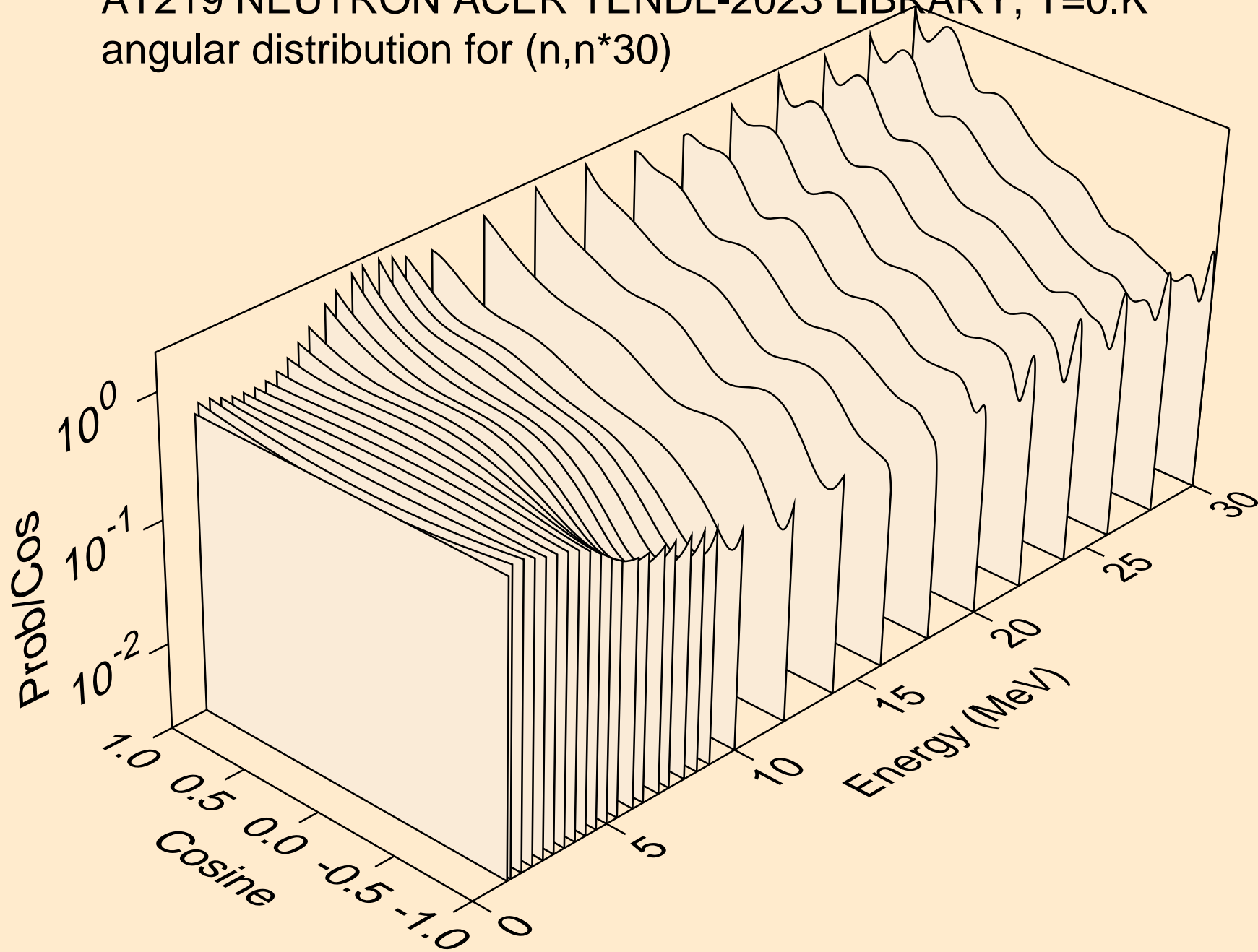
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*28)



AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*29)

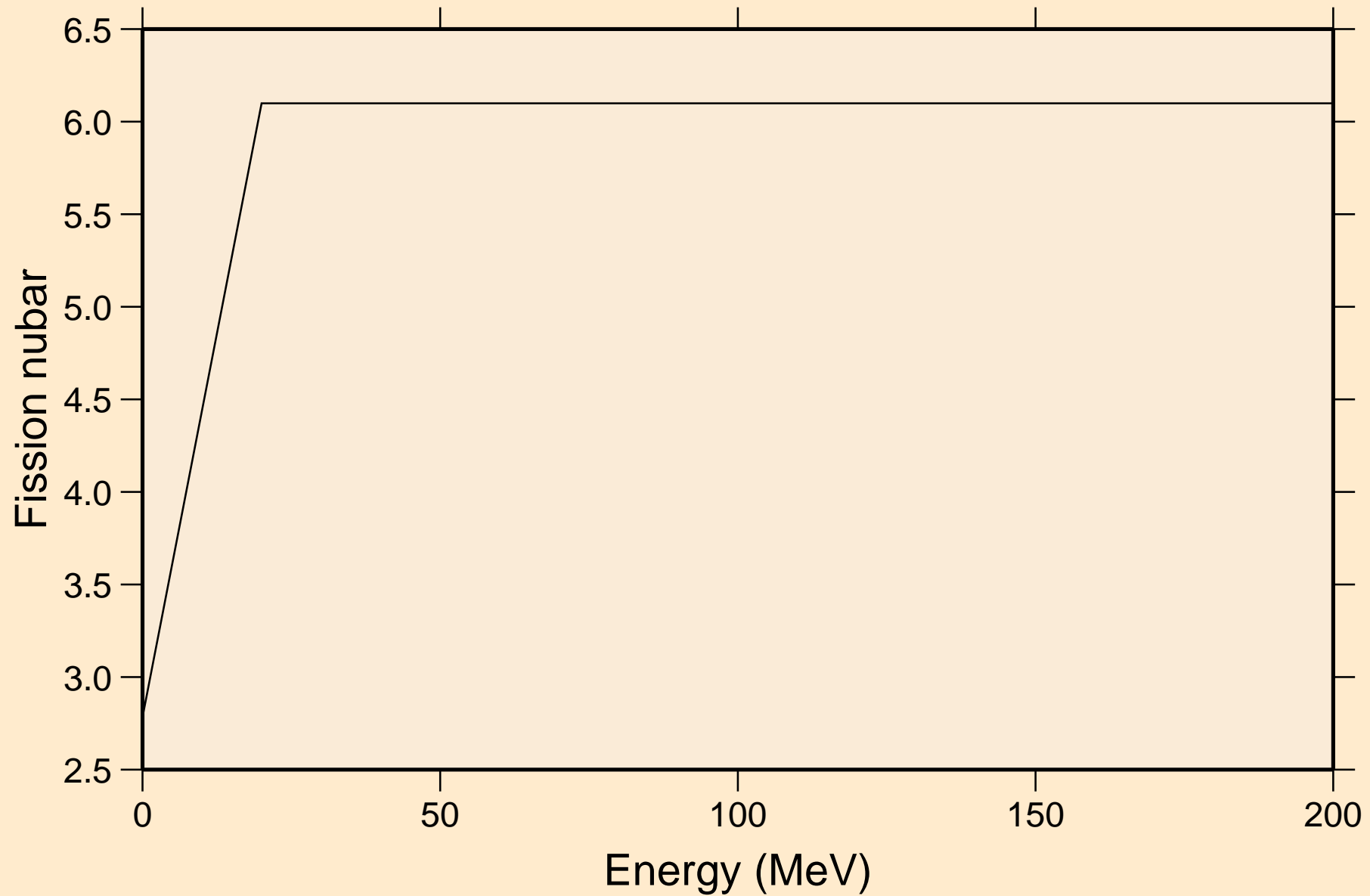


AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*30)

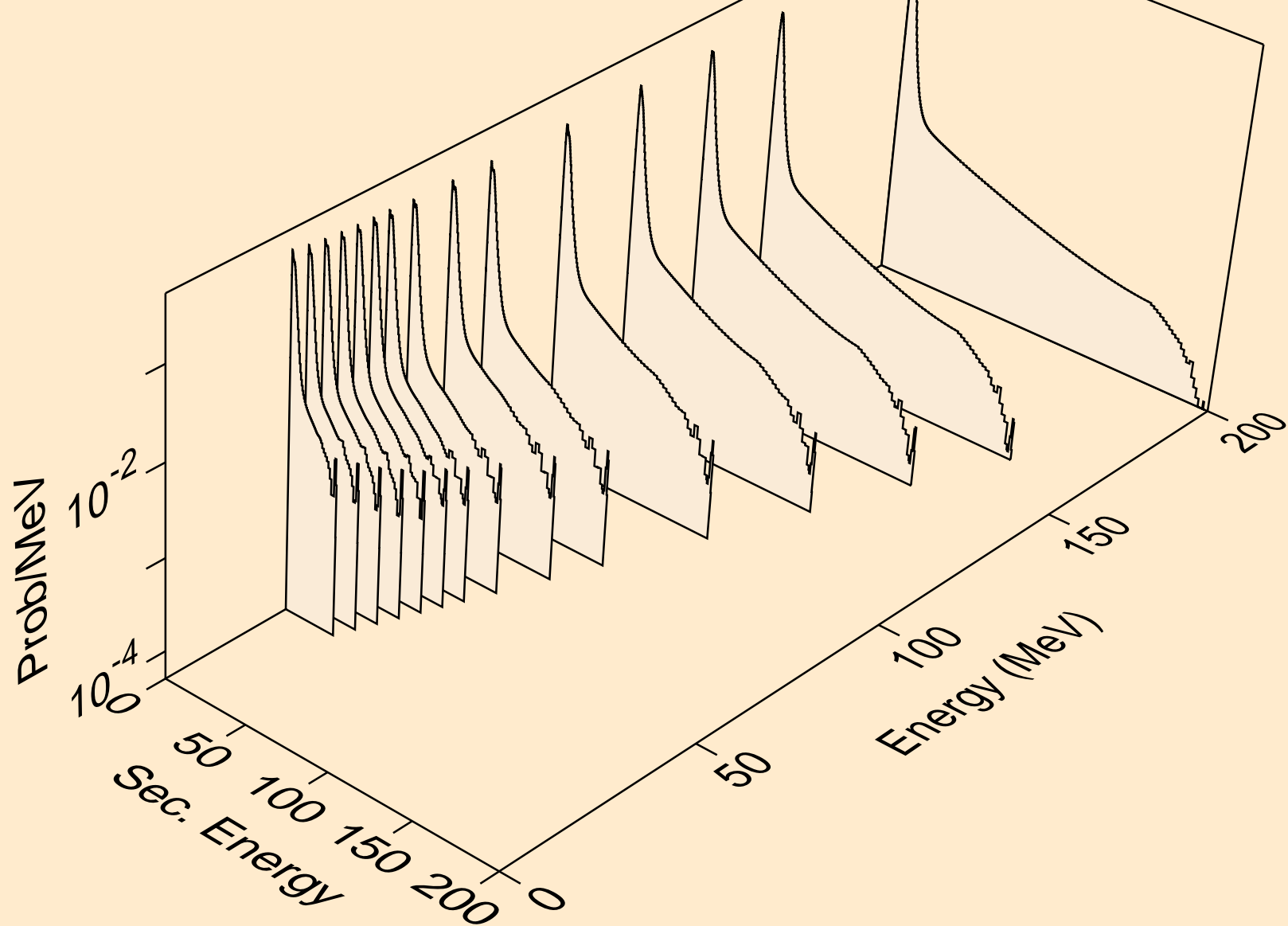


AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

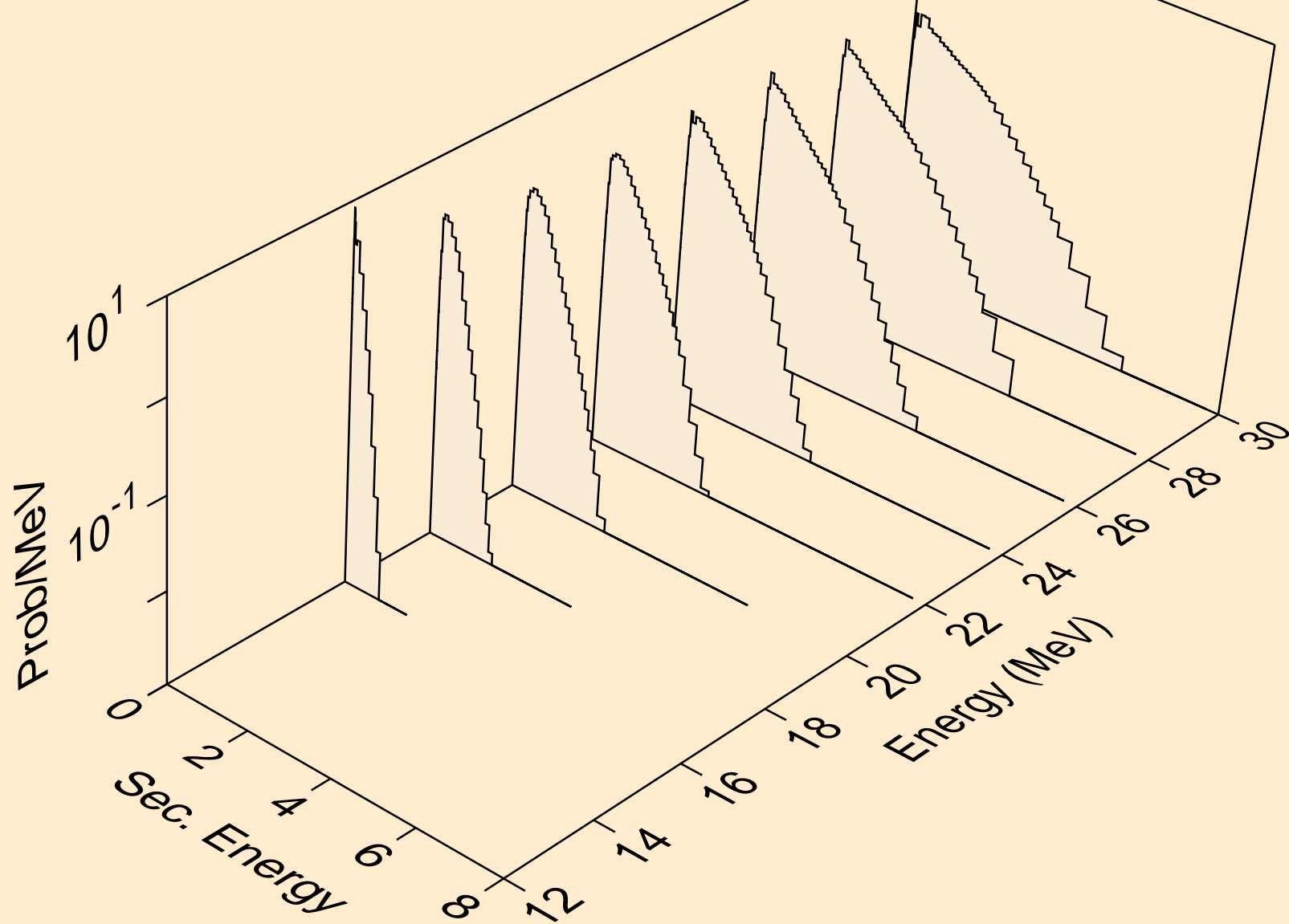
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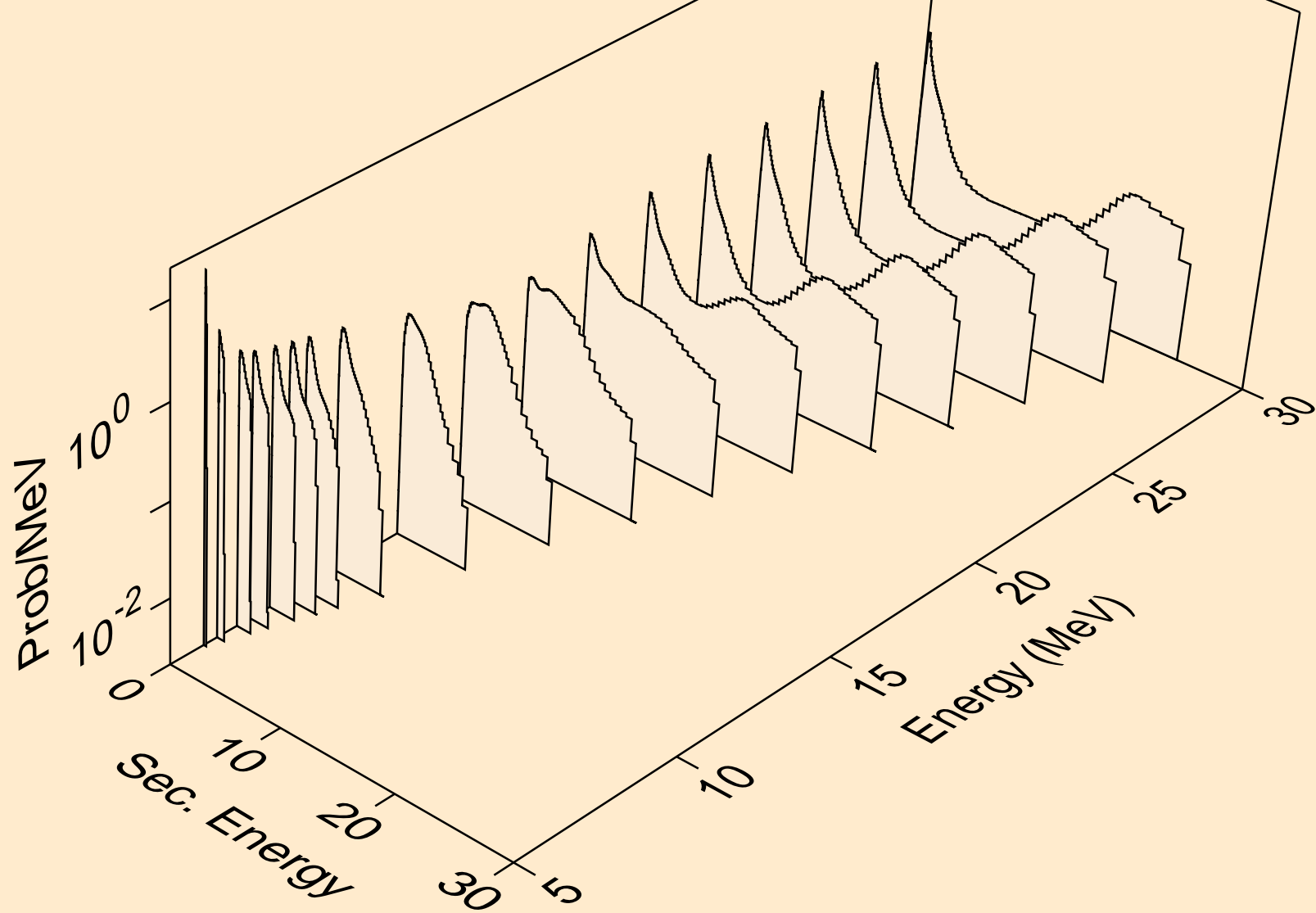
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



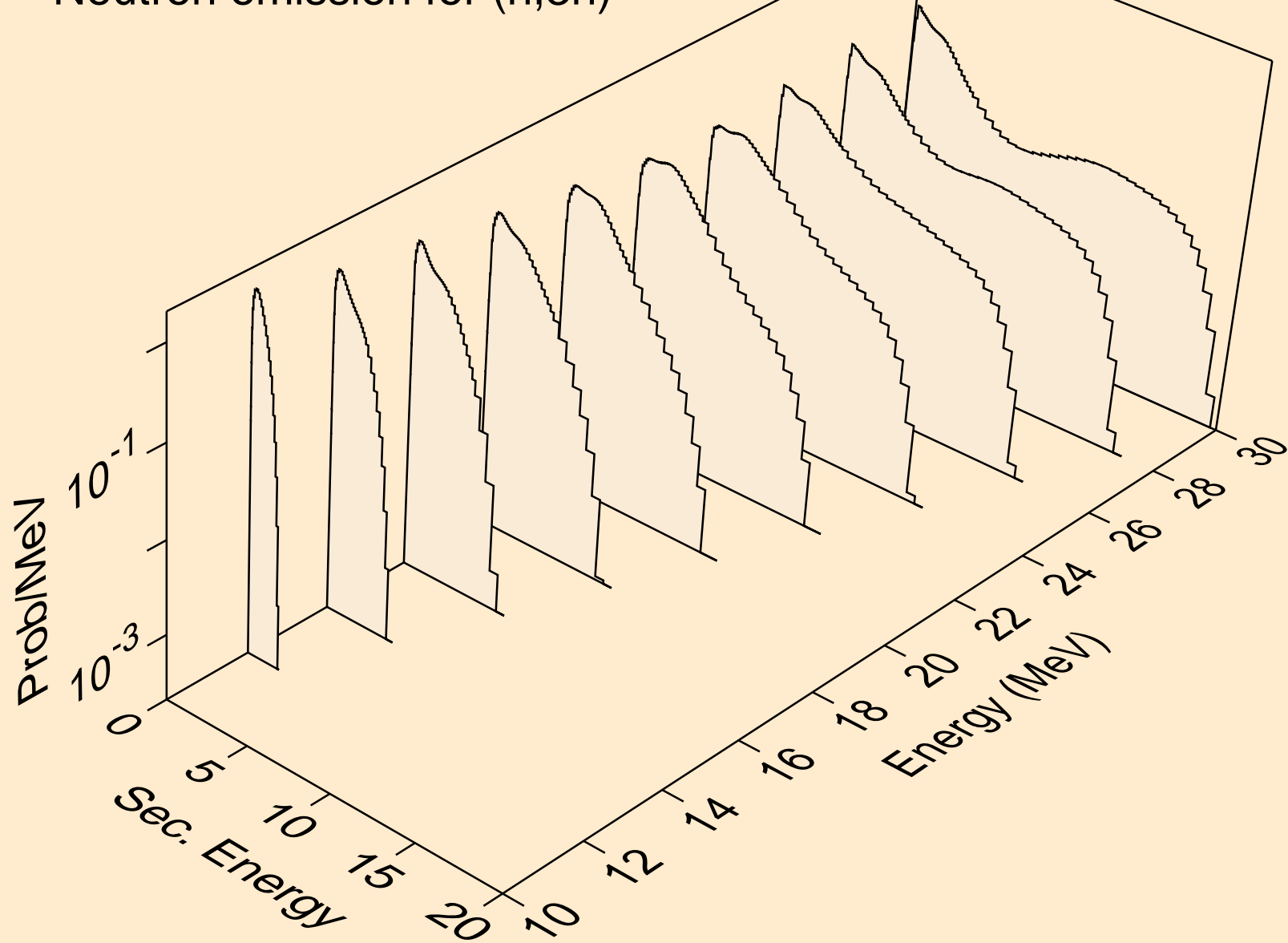
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



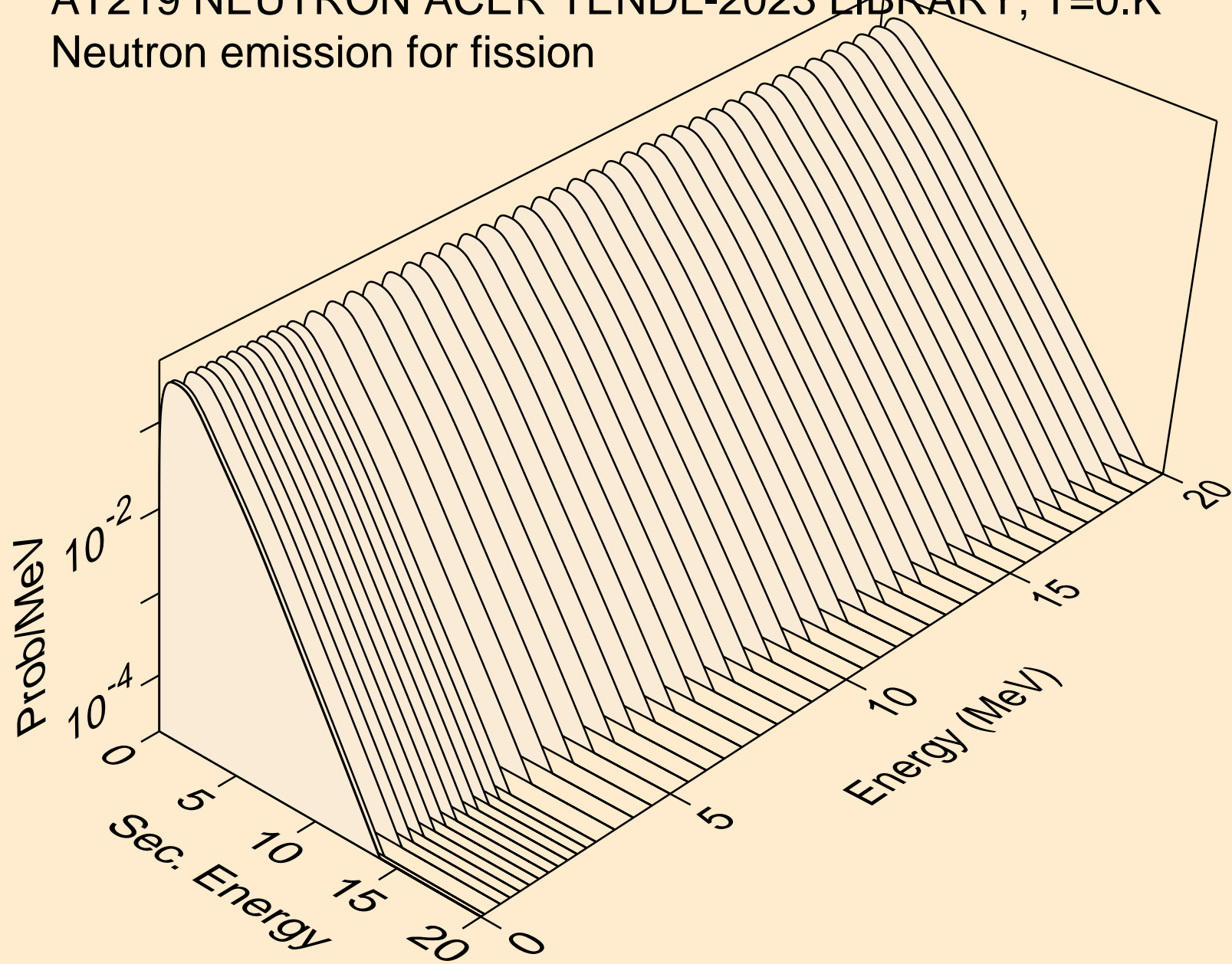
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



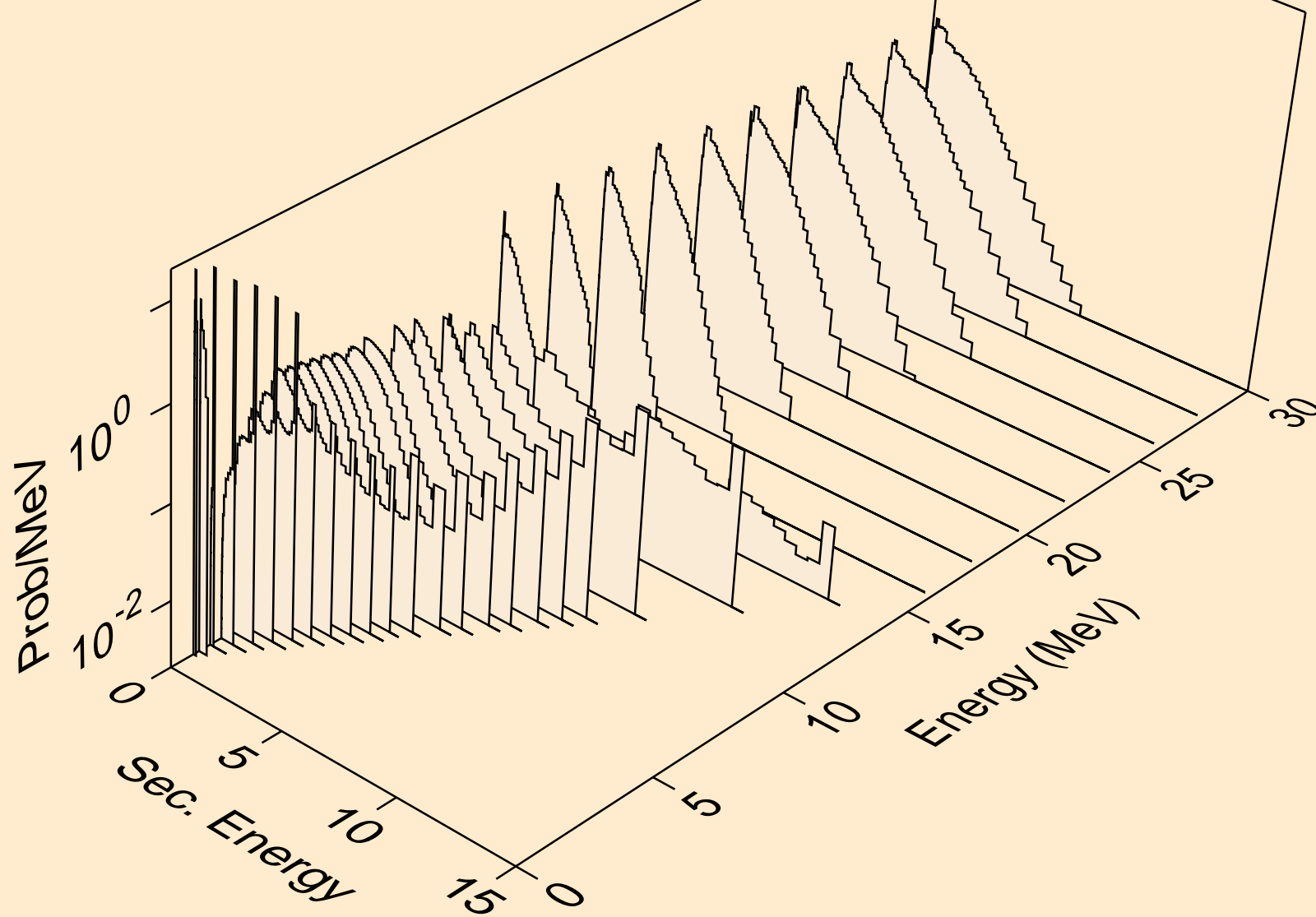
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



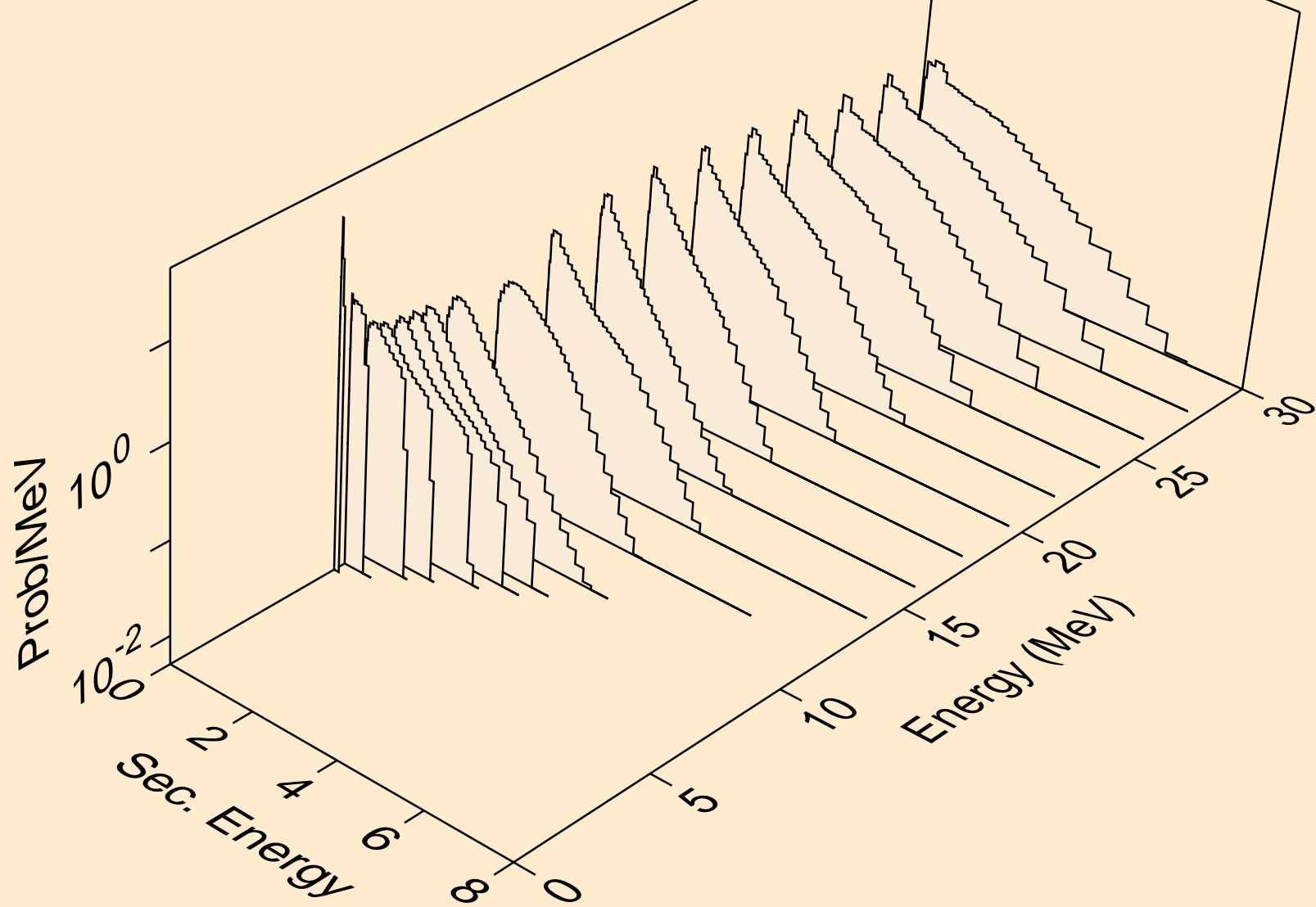
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



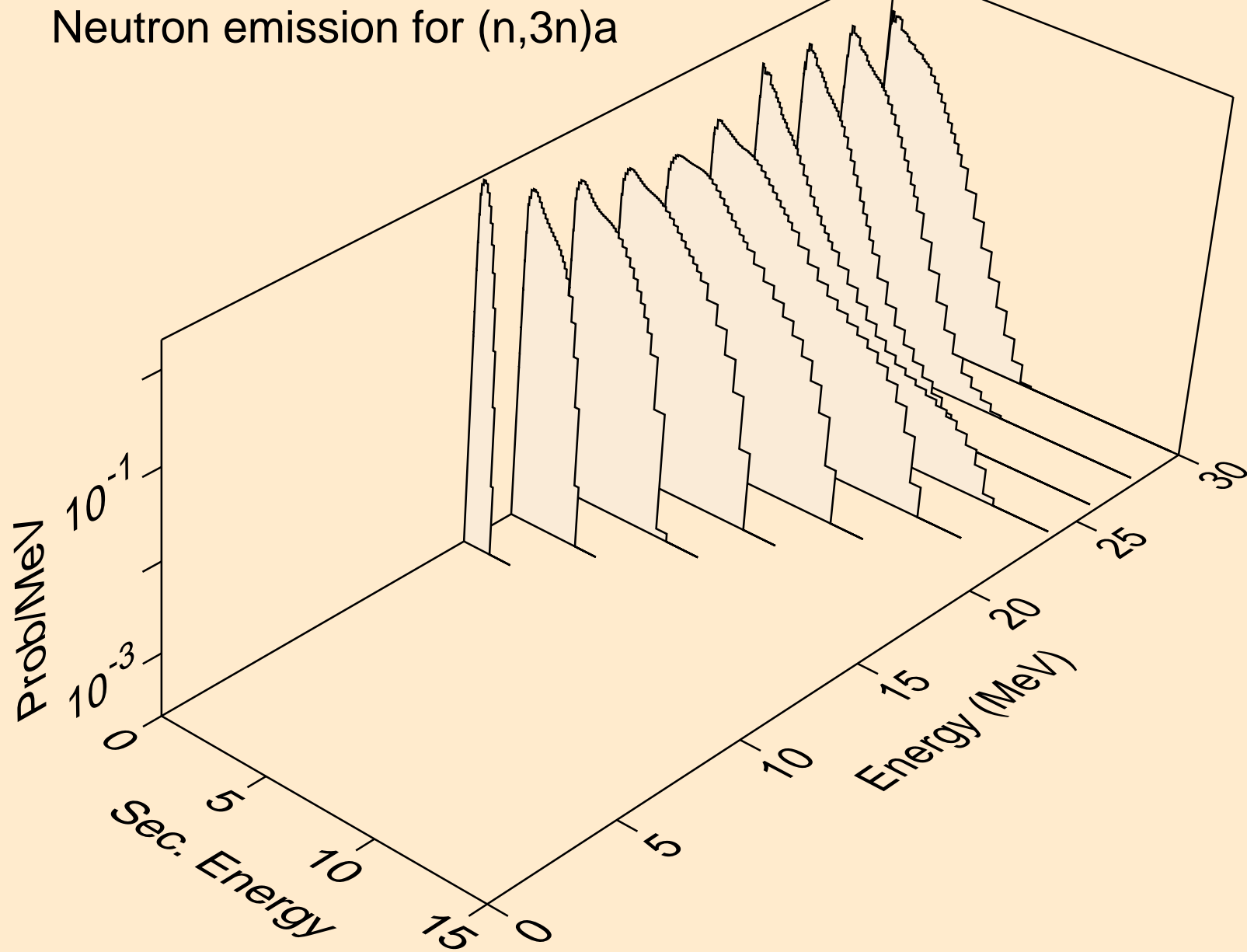
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



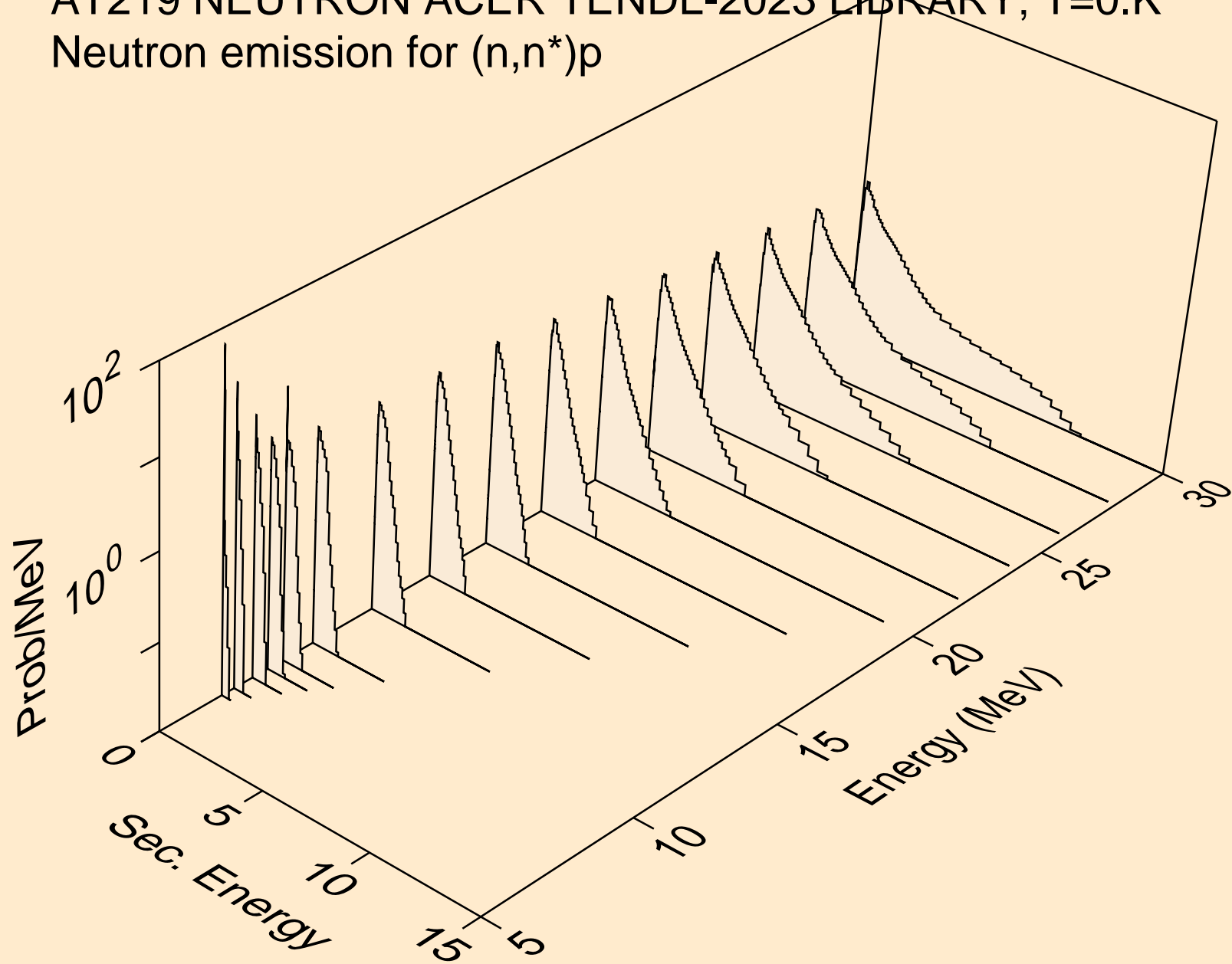
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



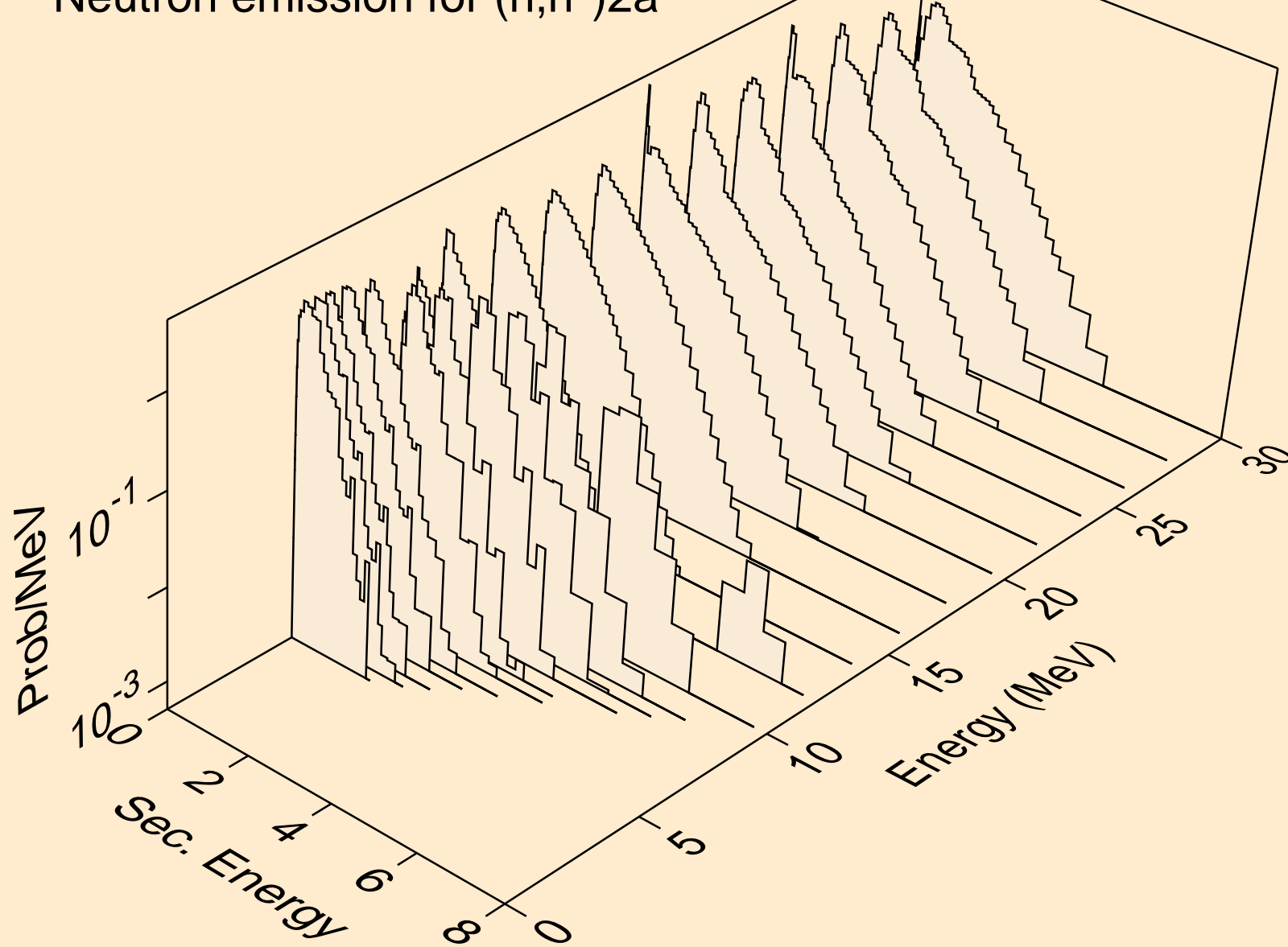
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



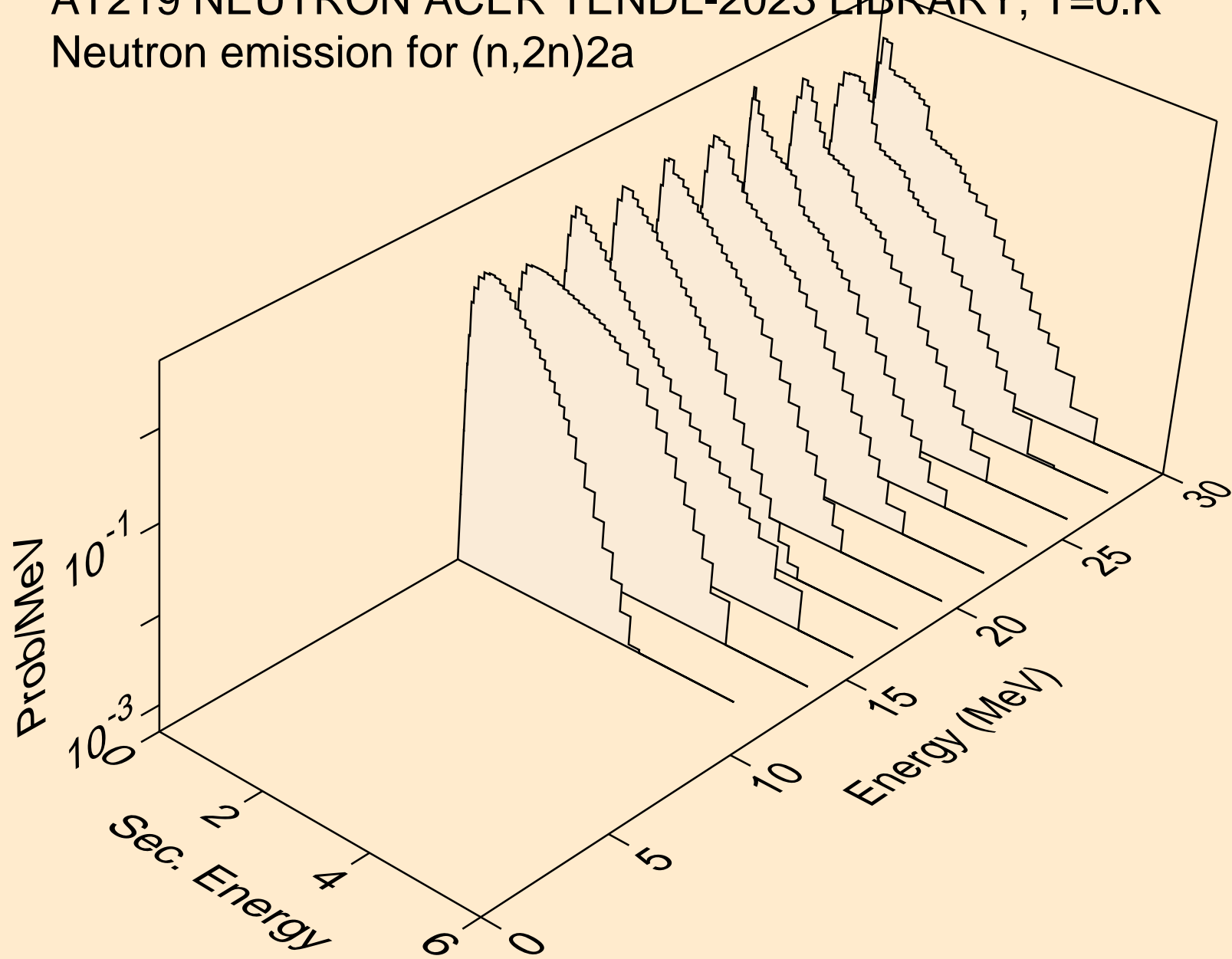
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



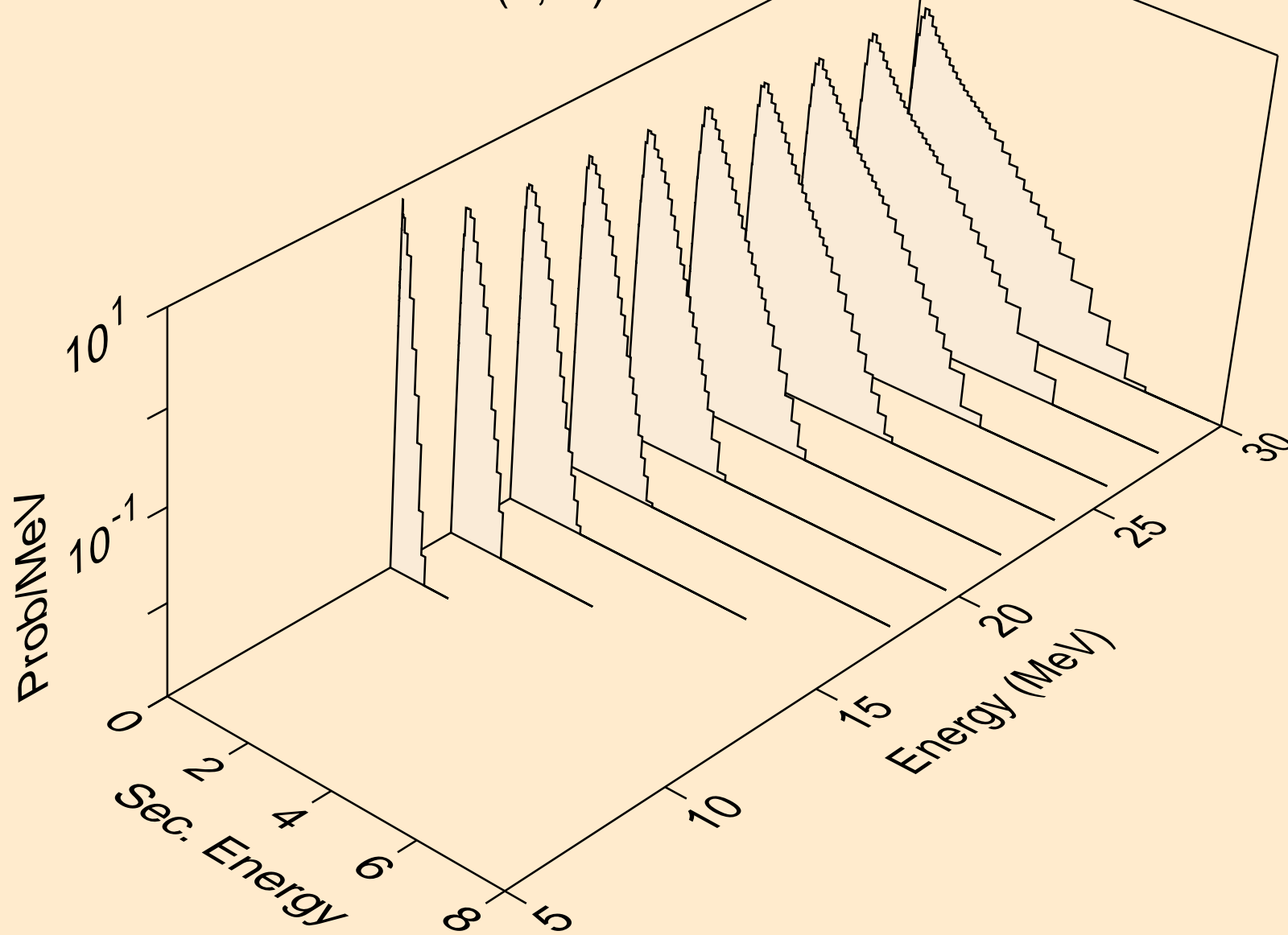
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



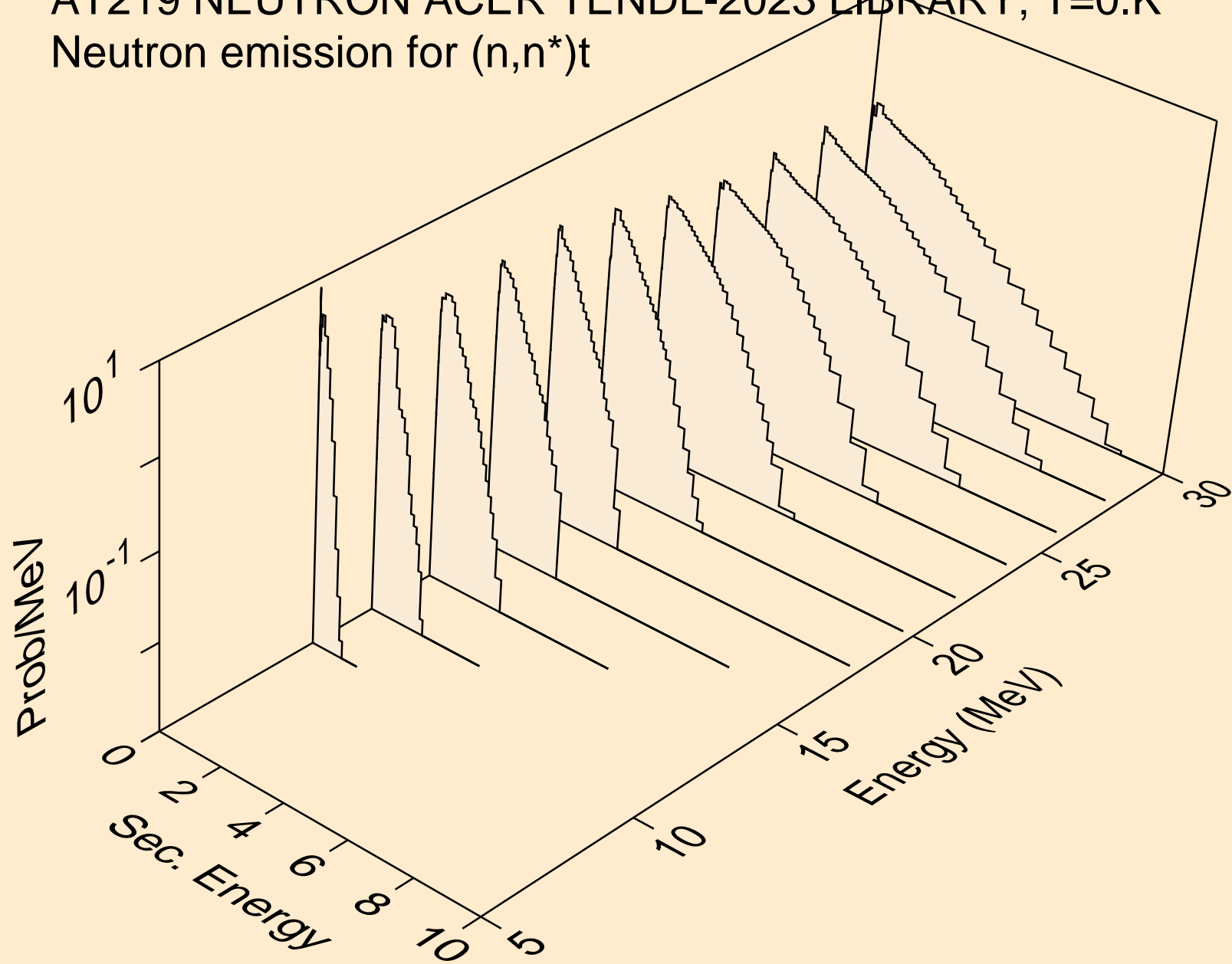
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



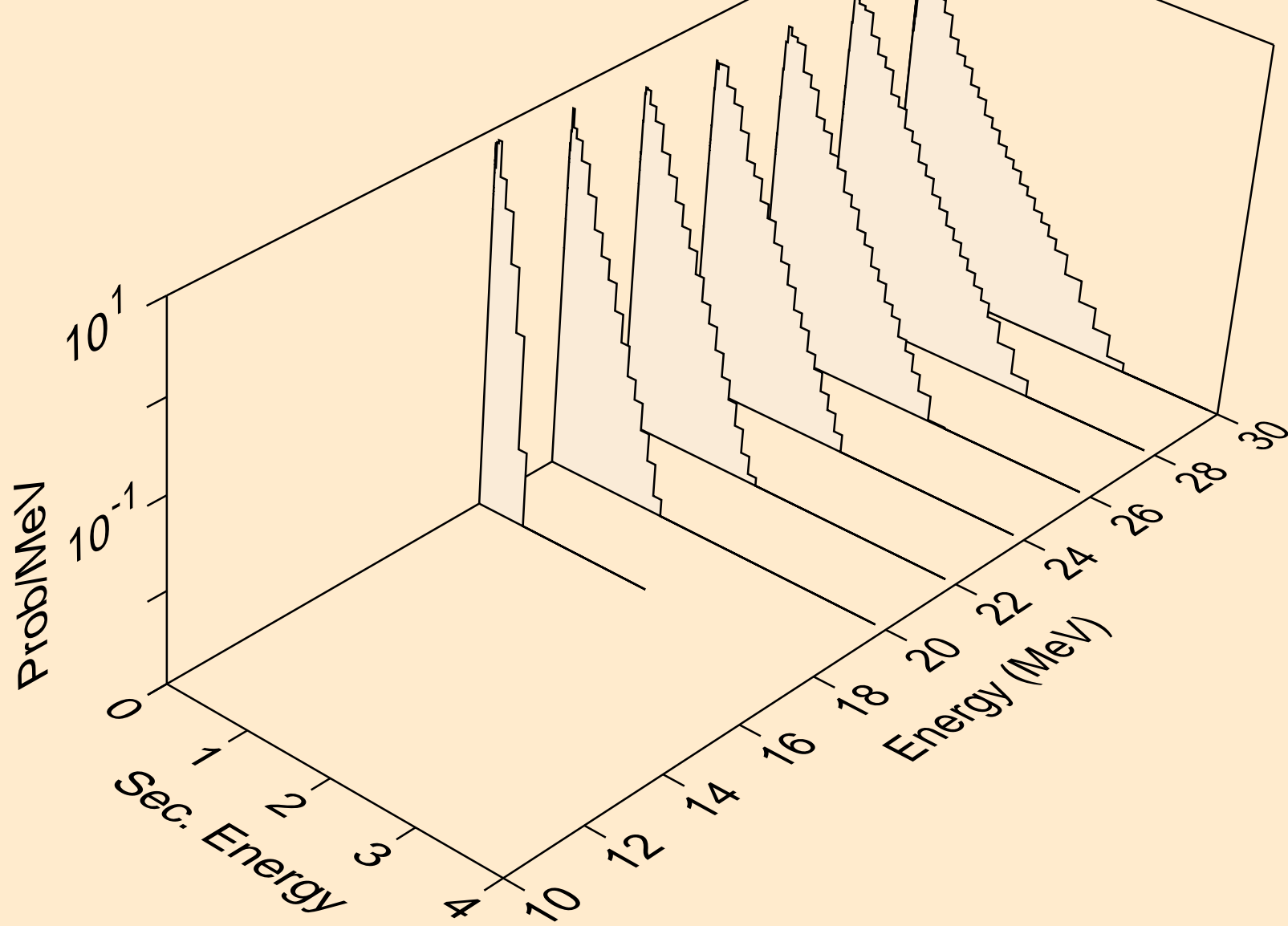
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



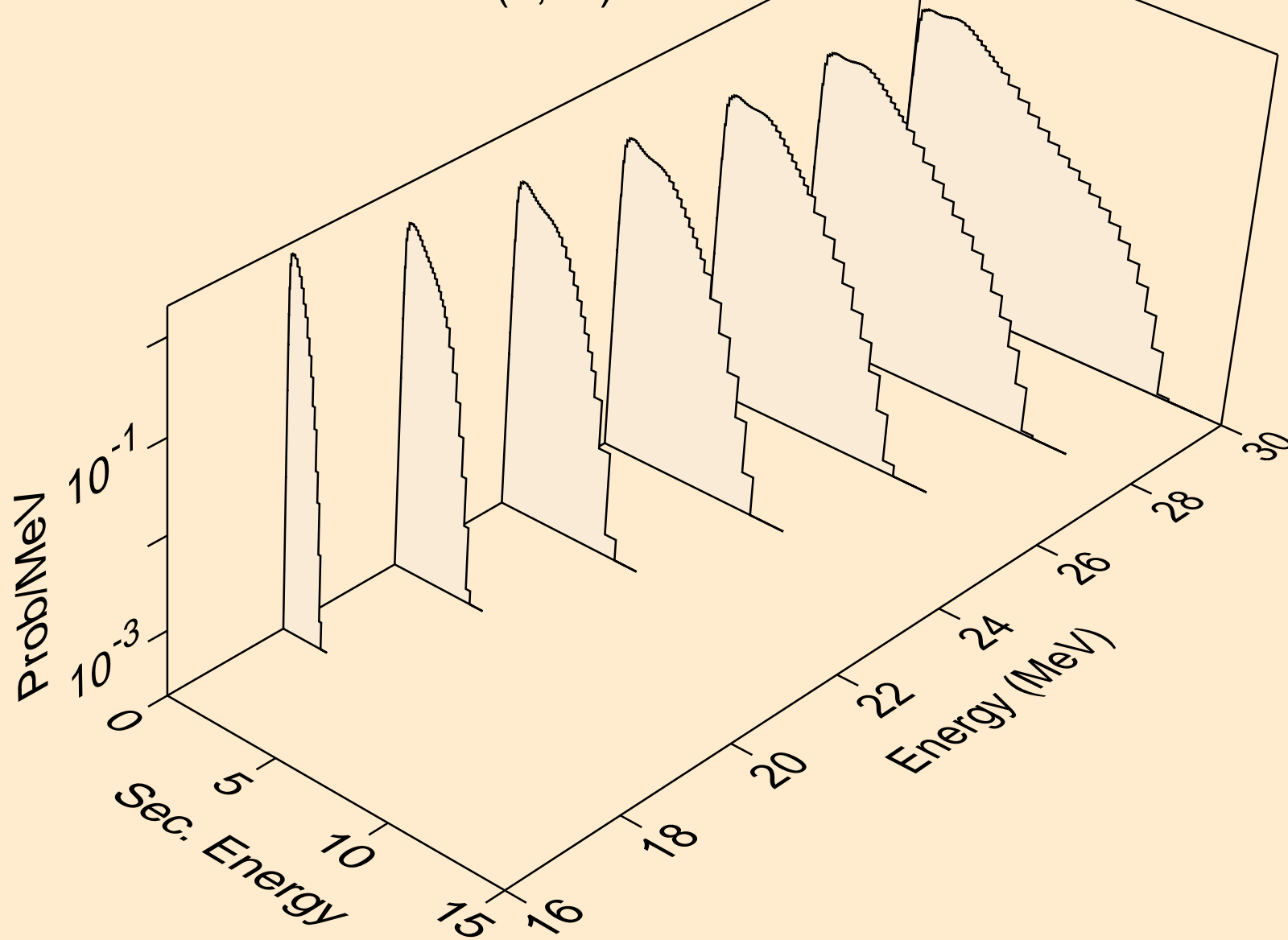
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



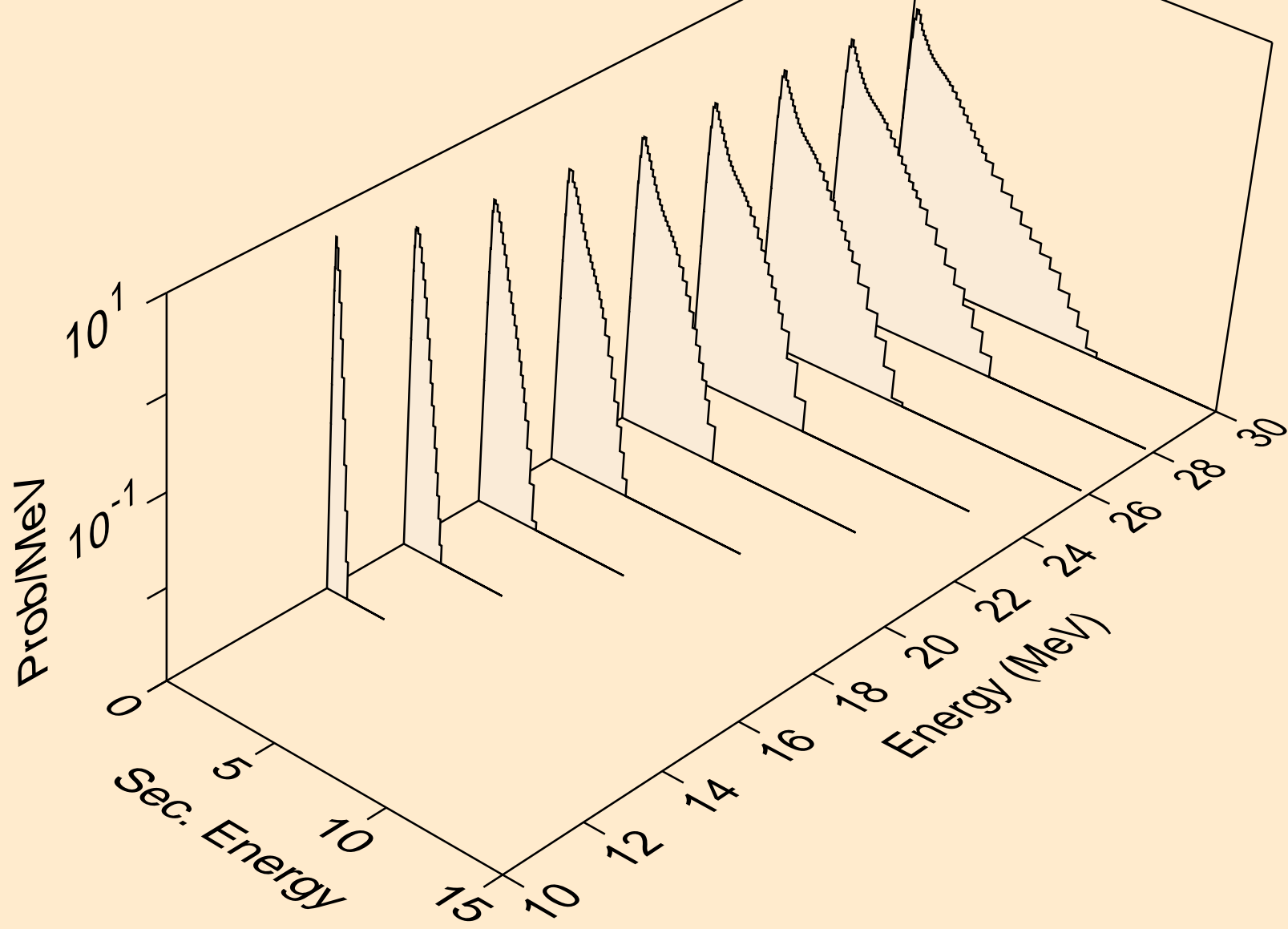
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



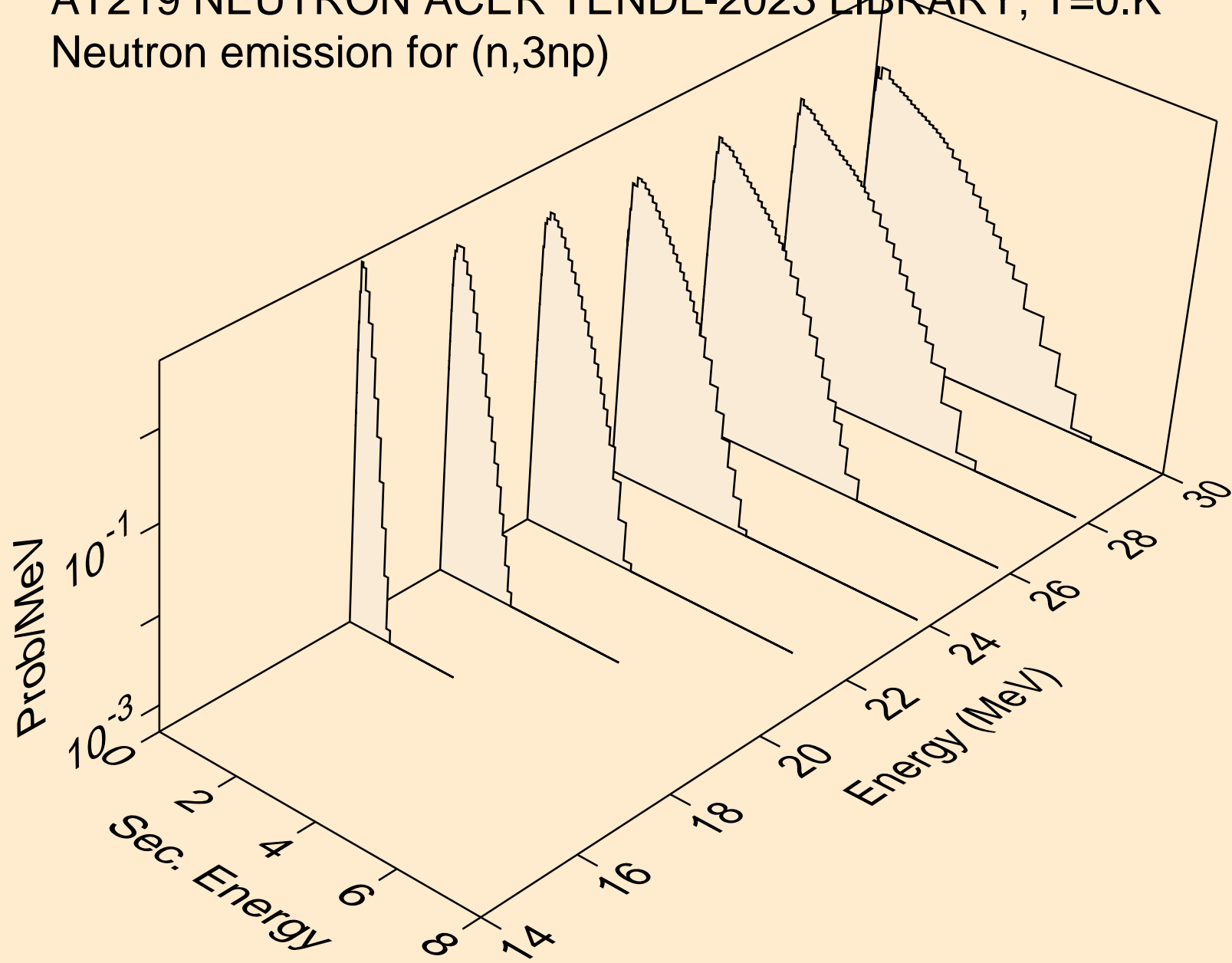
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



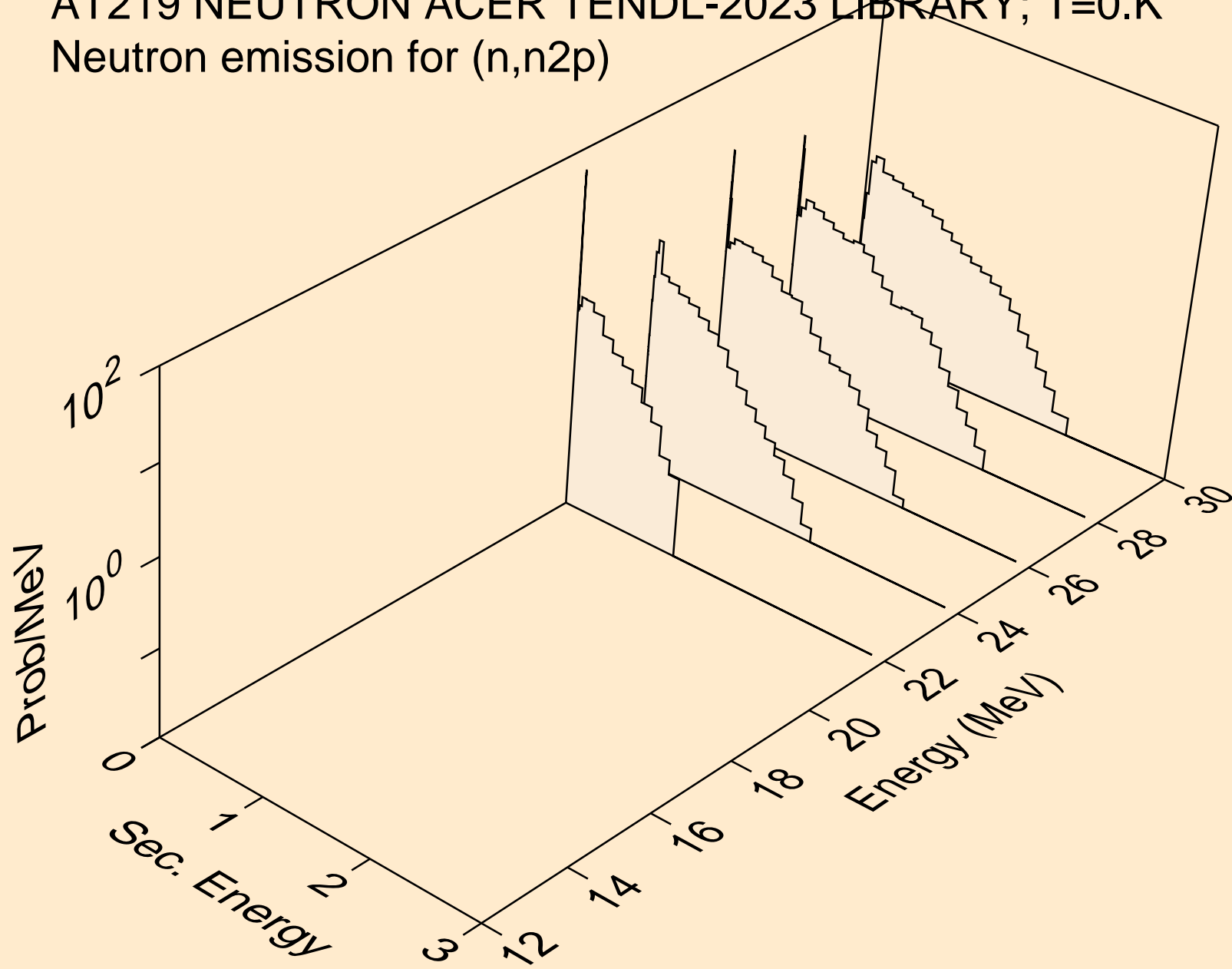
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



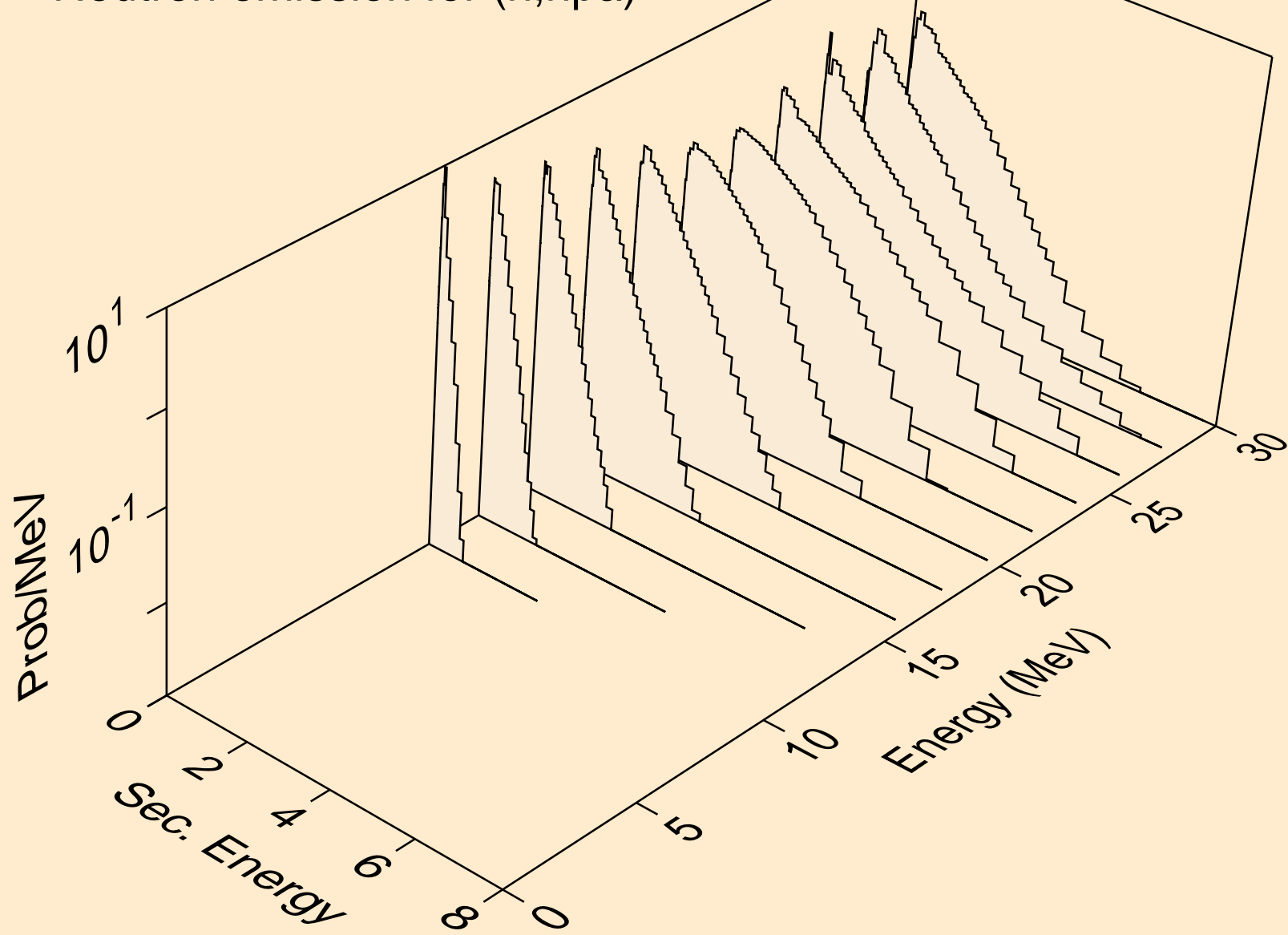
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Neutron emission for (n,3np)



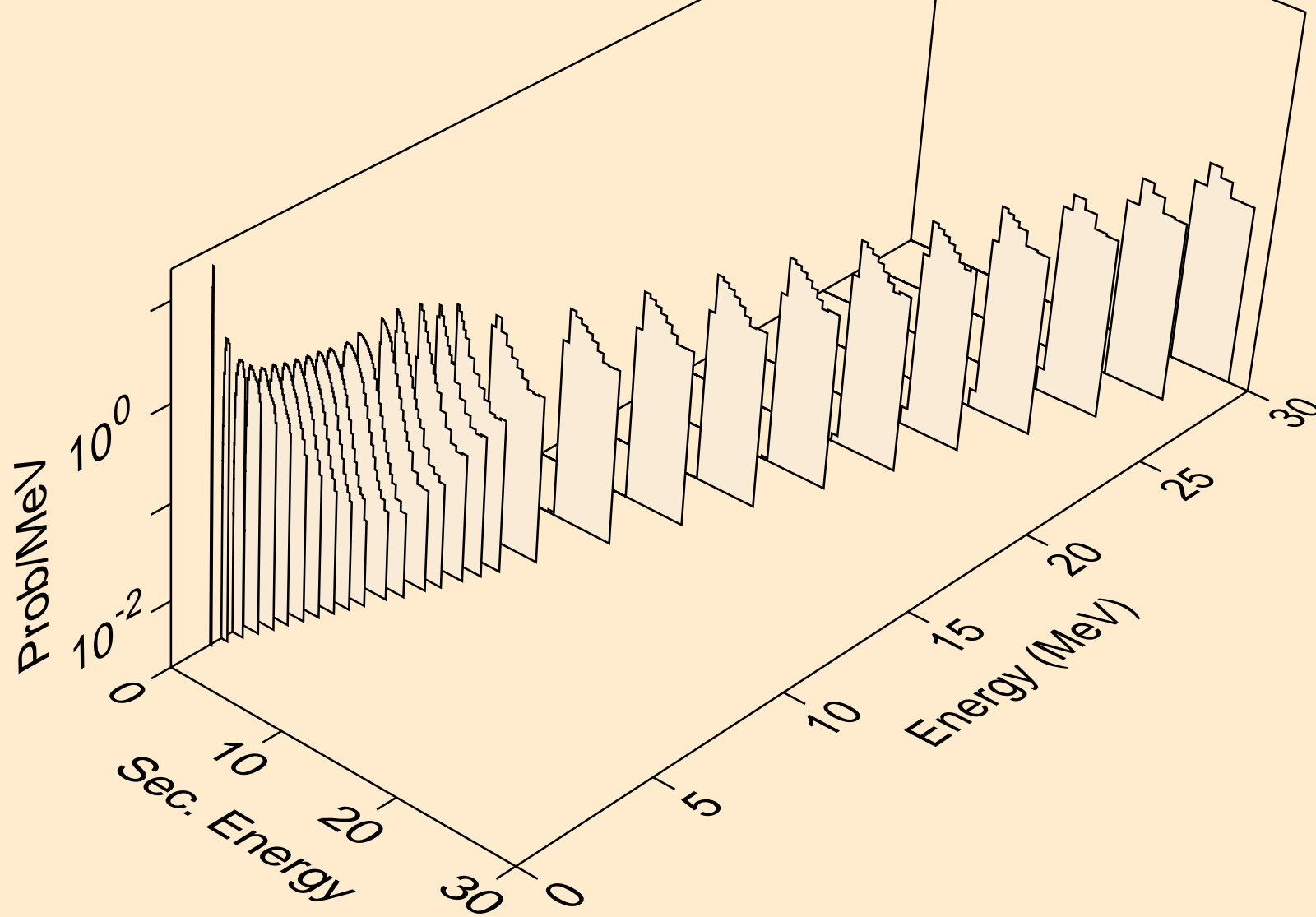
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)

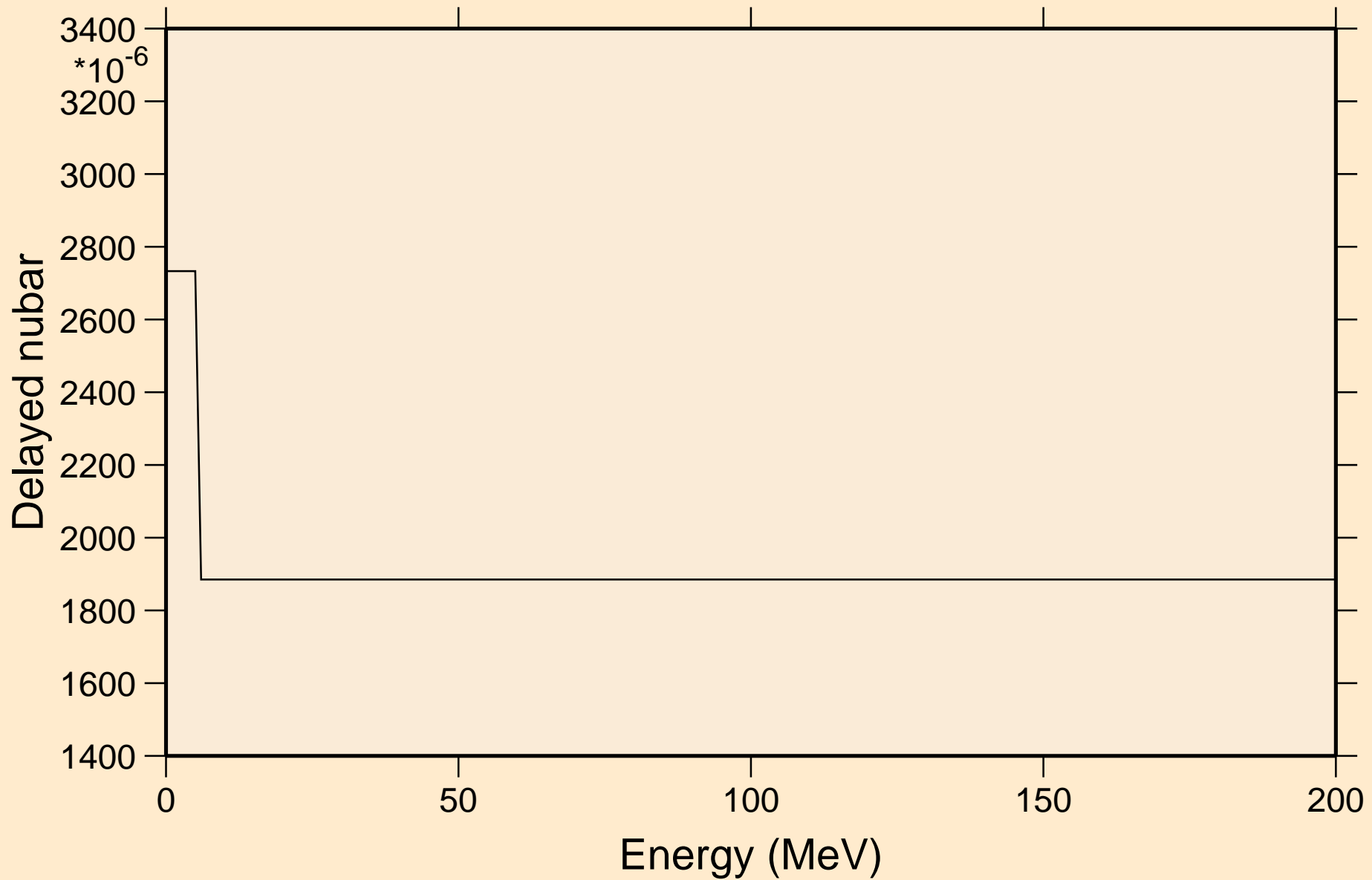


AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



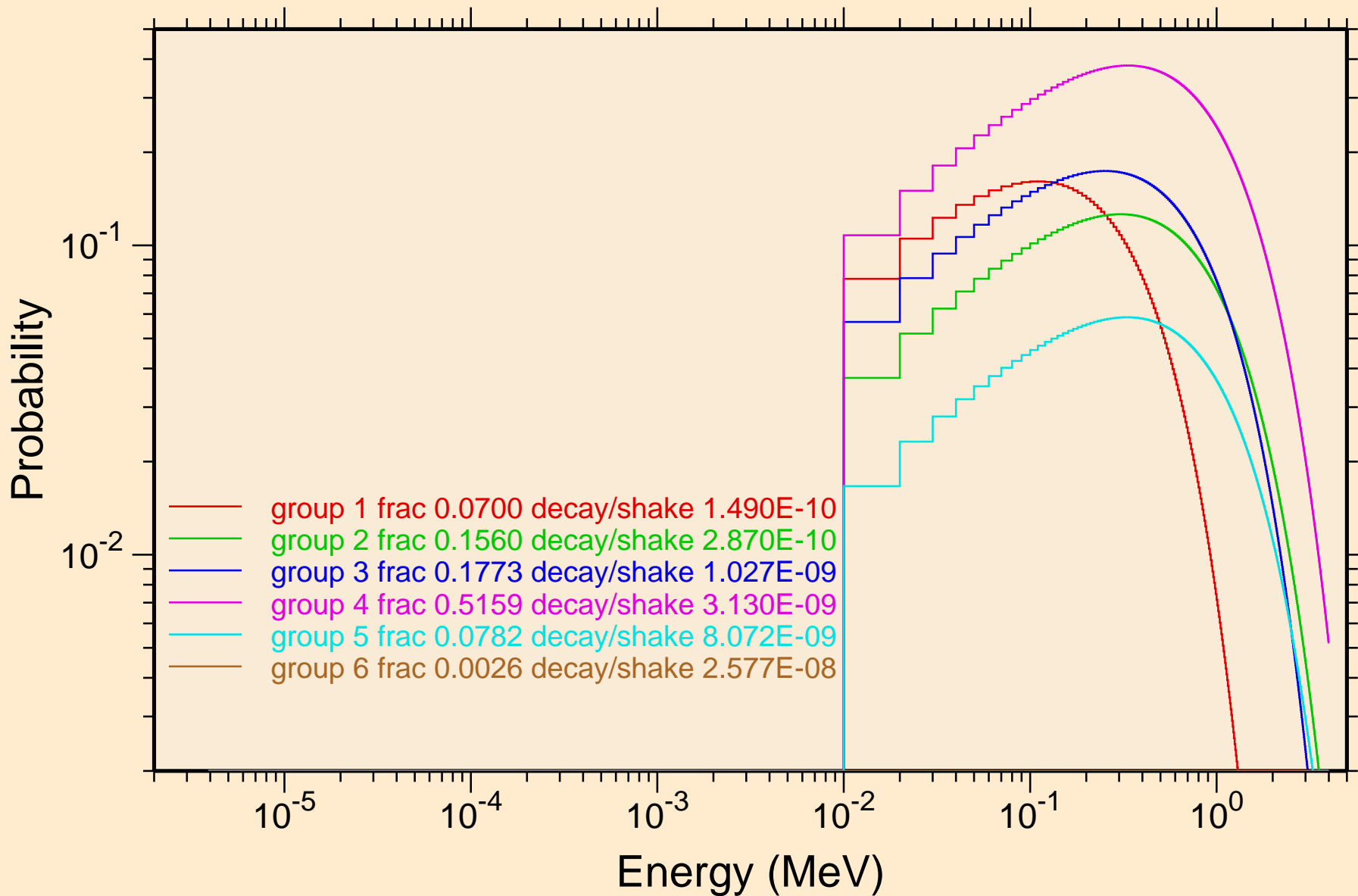
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Delayed nubar

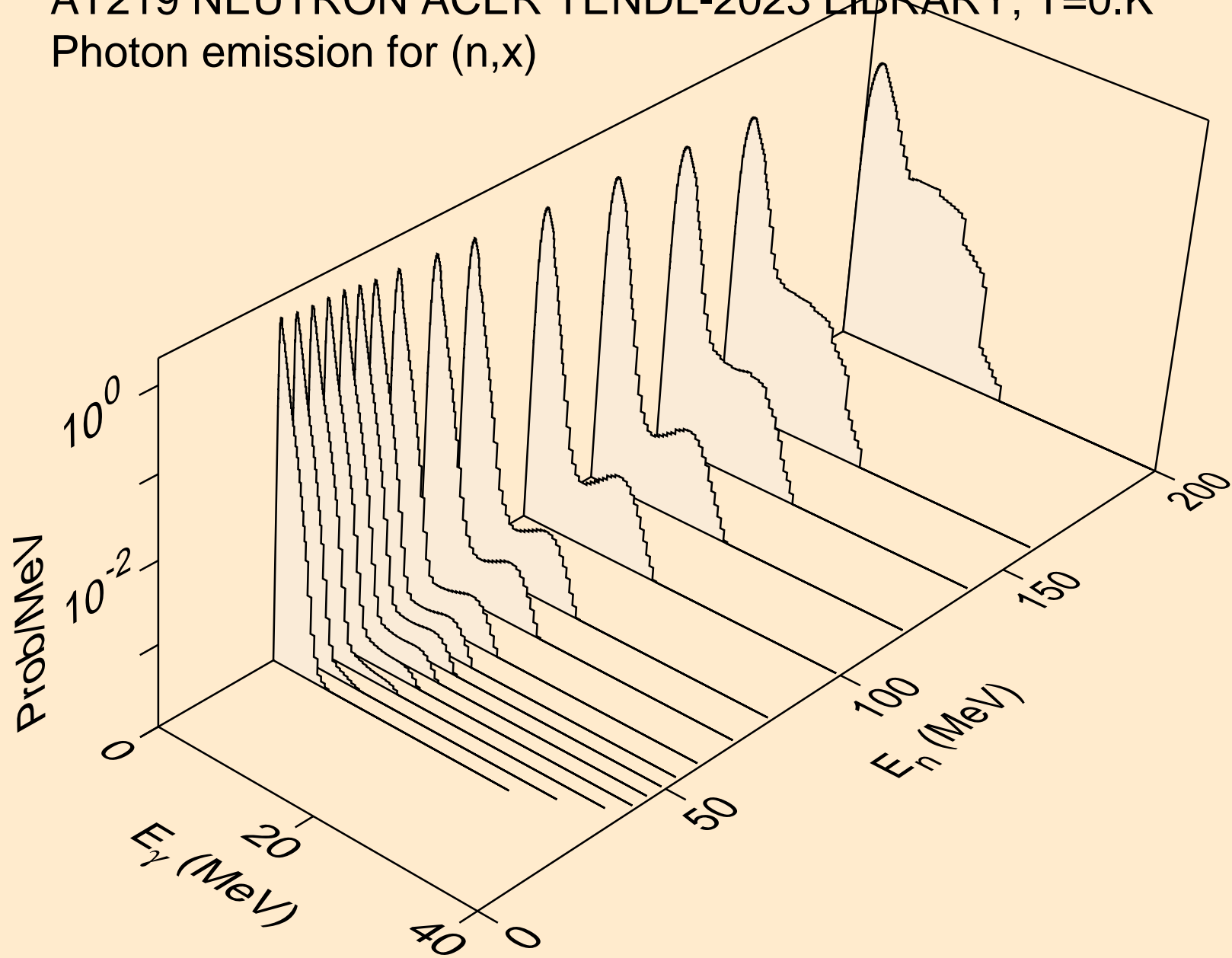


AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

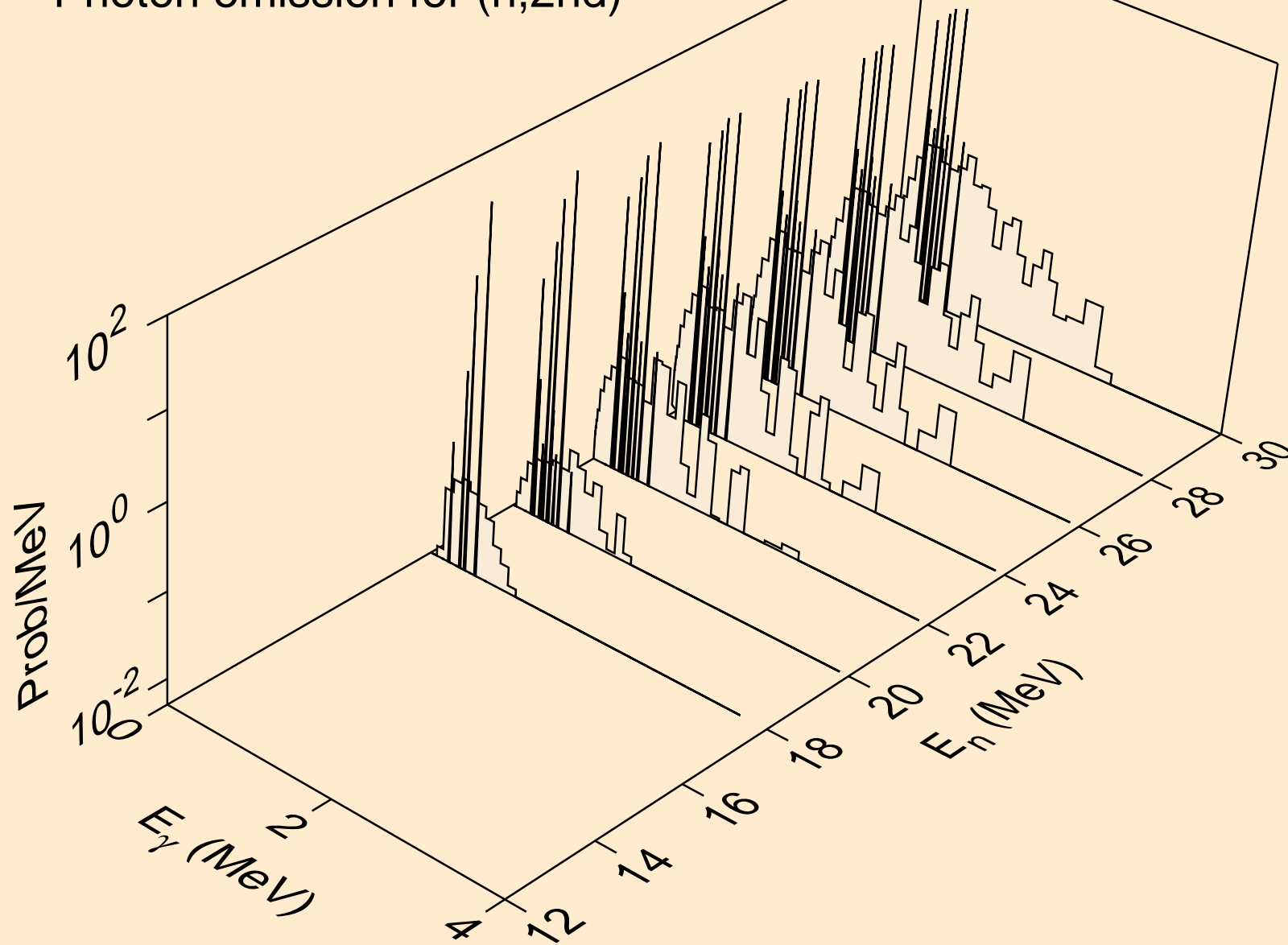
Delayed neutron spectra



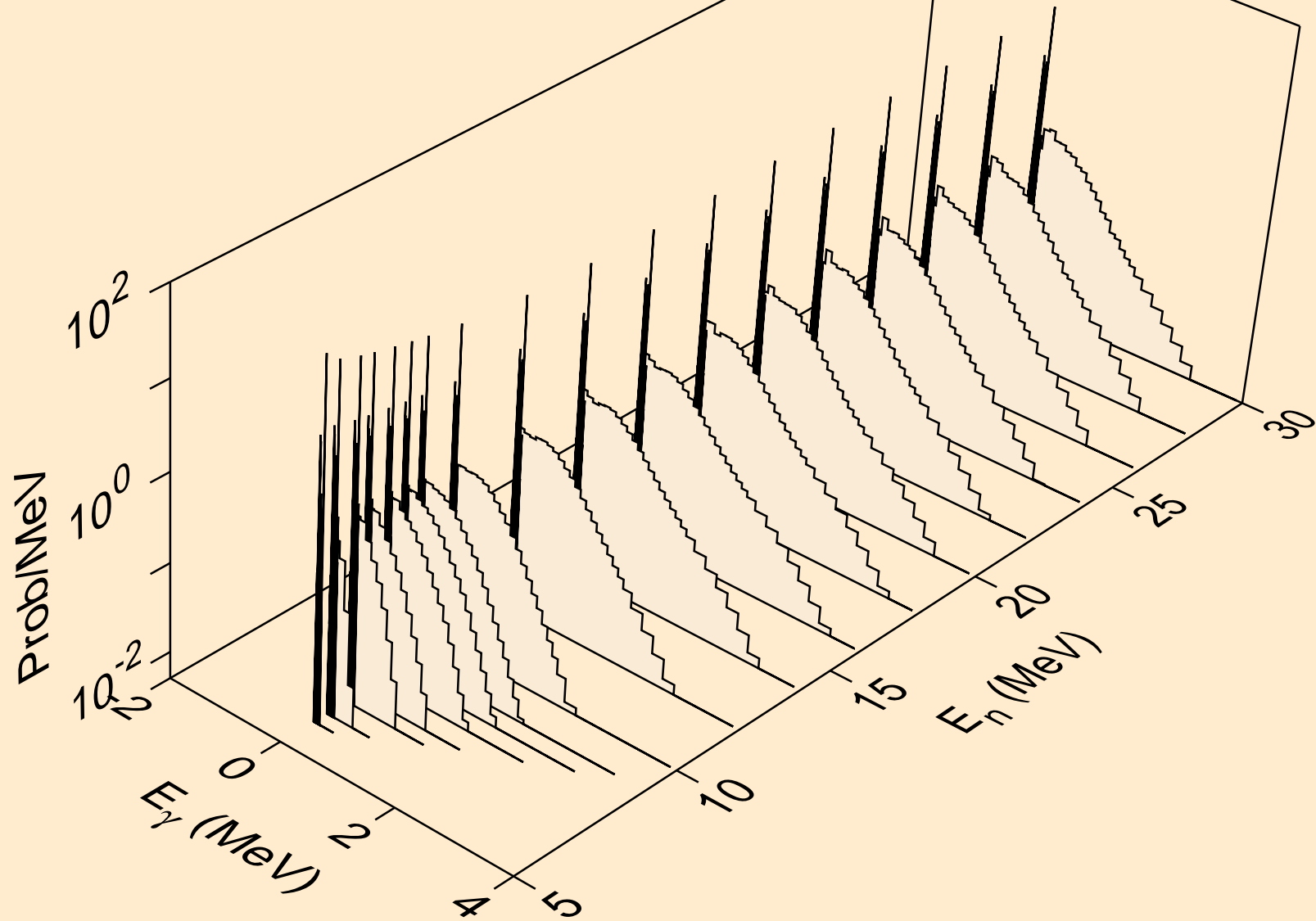
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



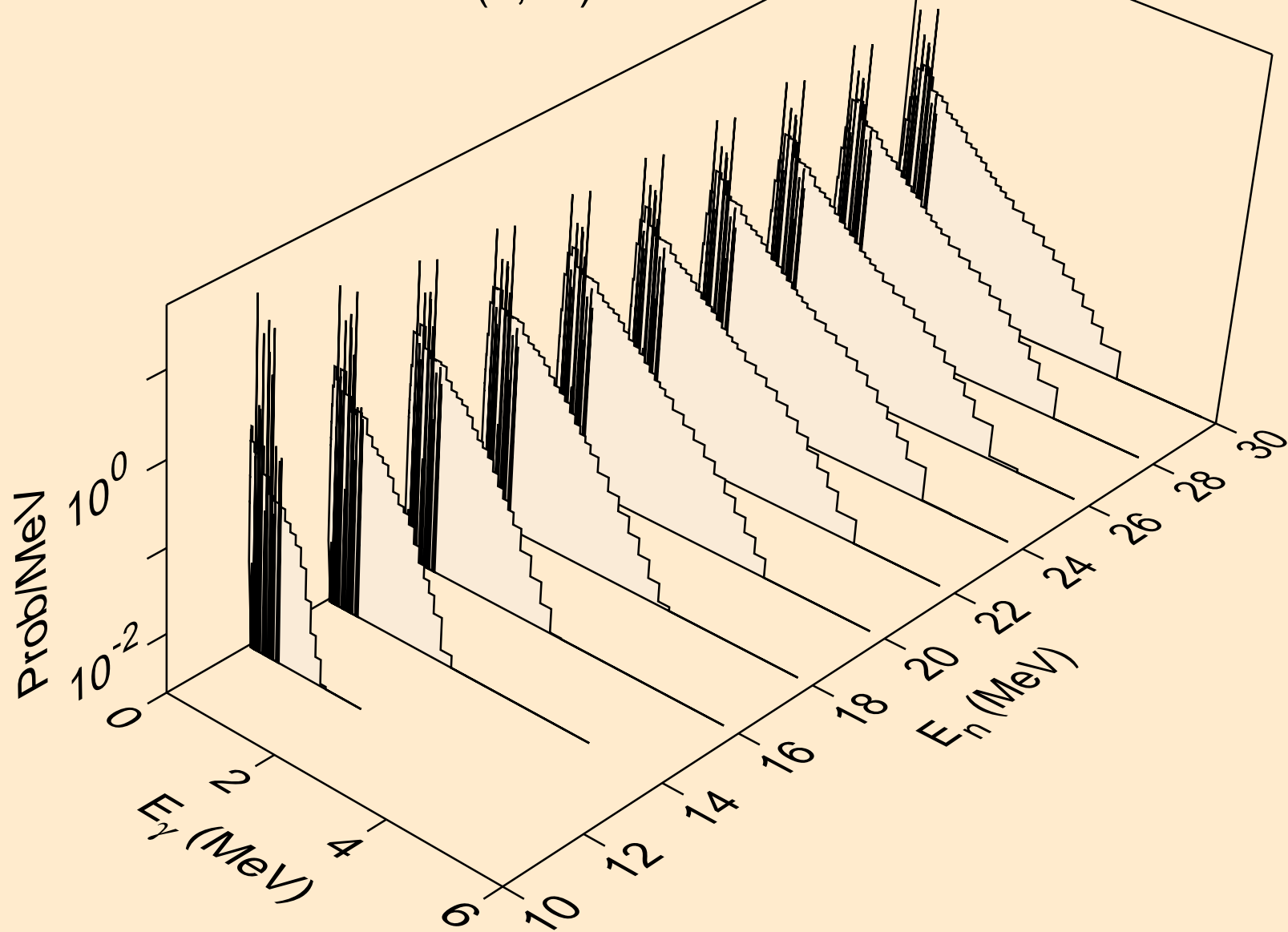
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



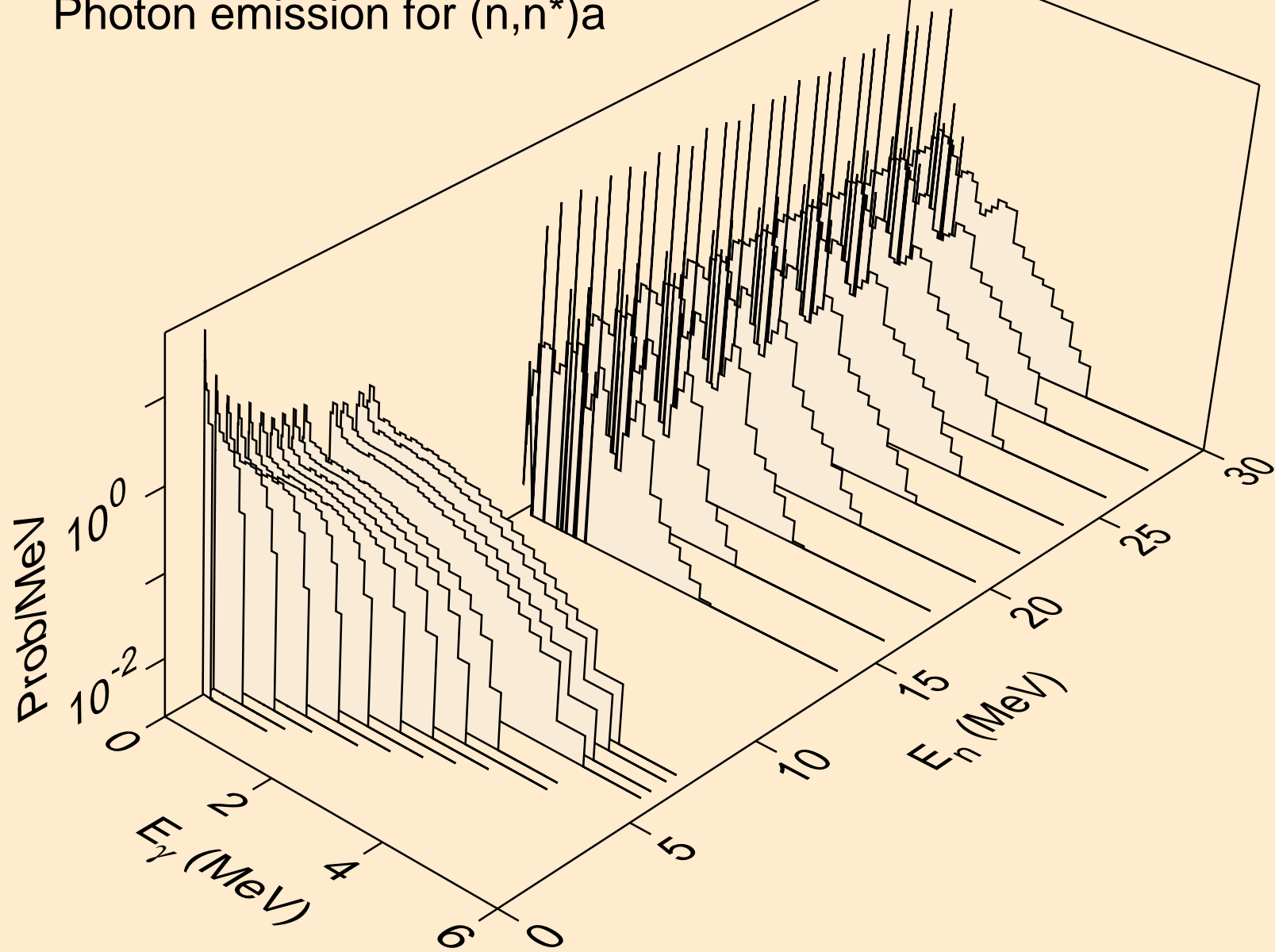
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



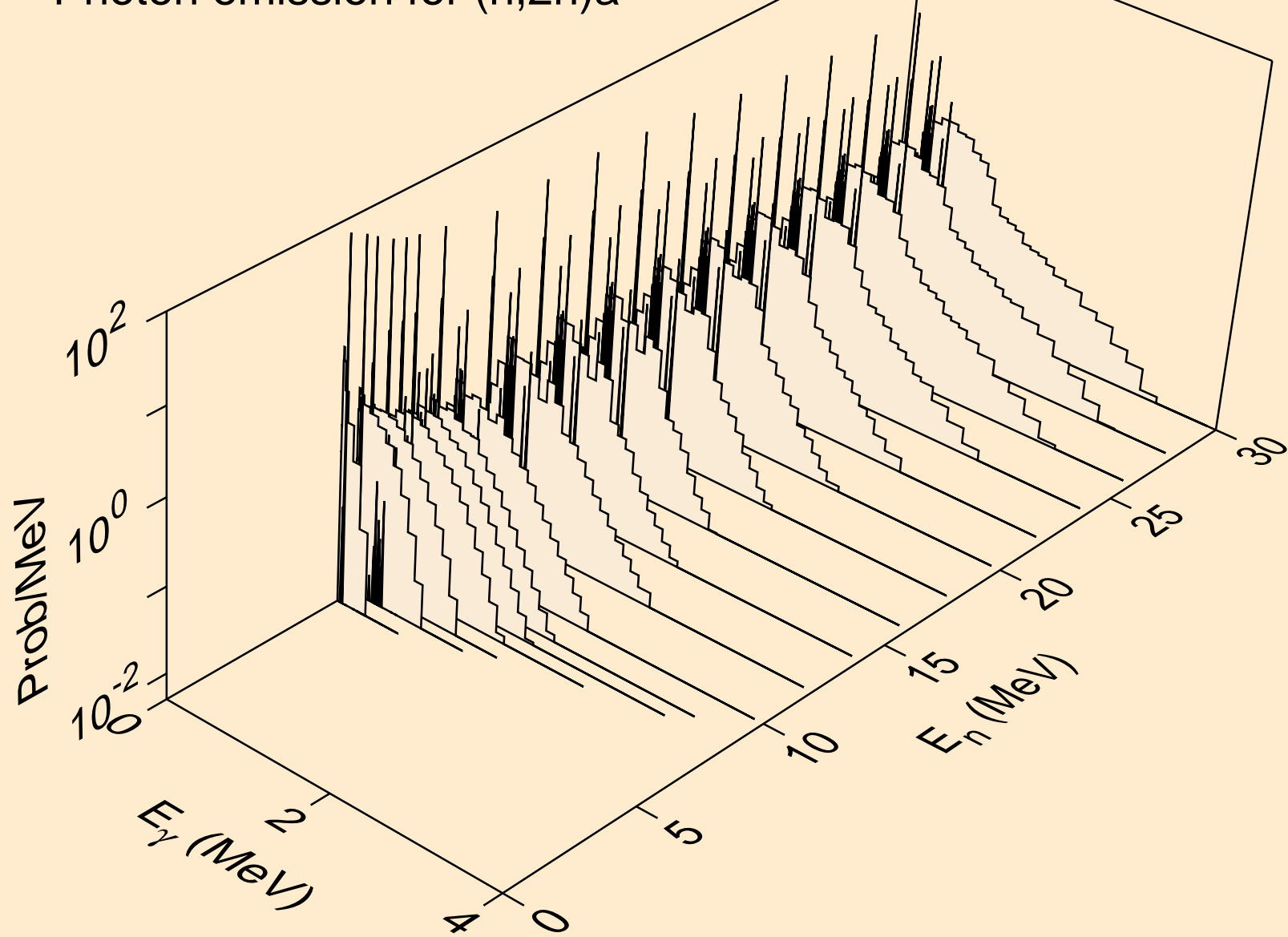
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



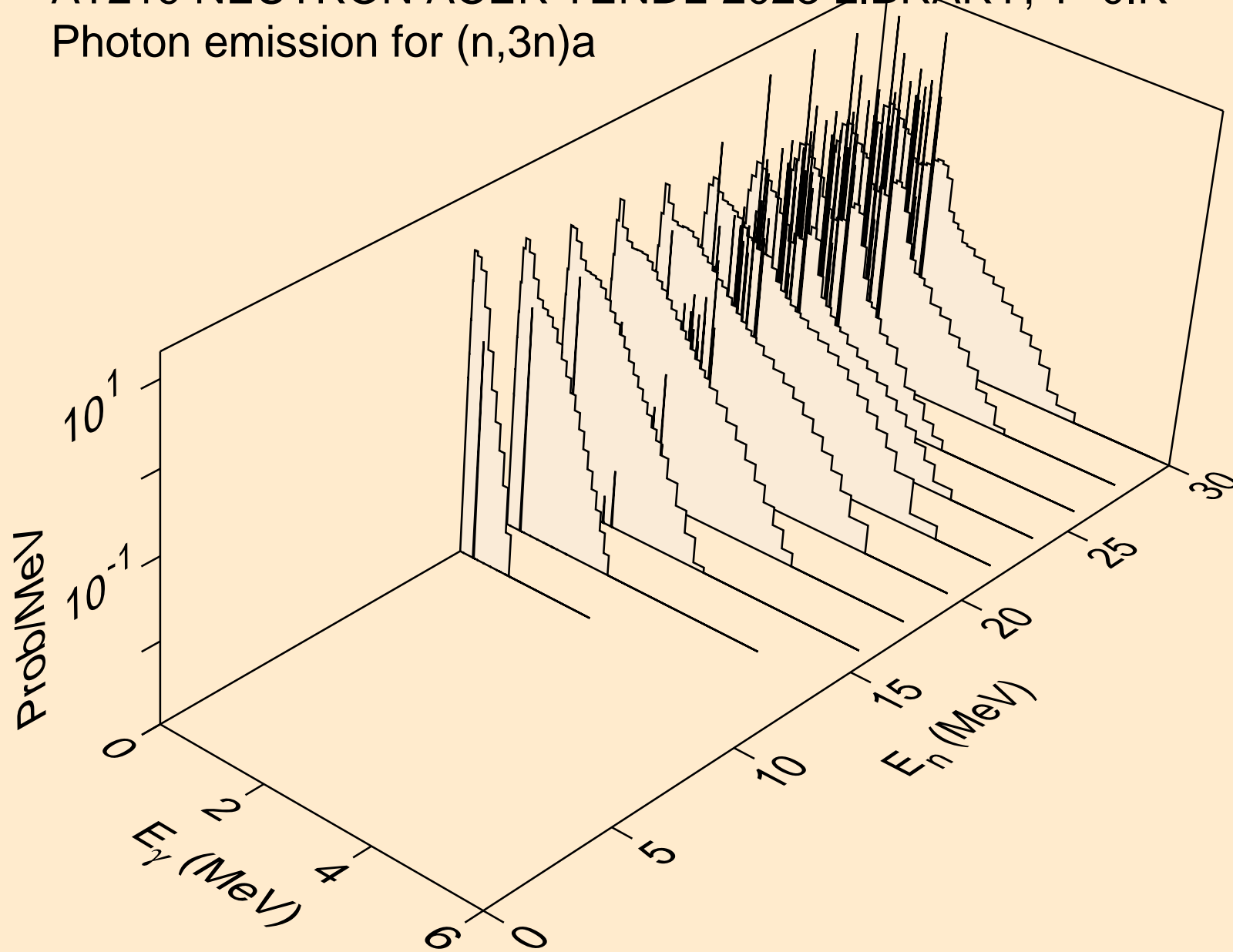
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



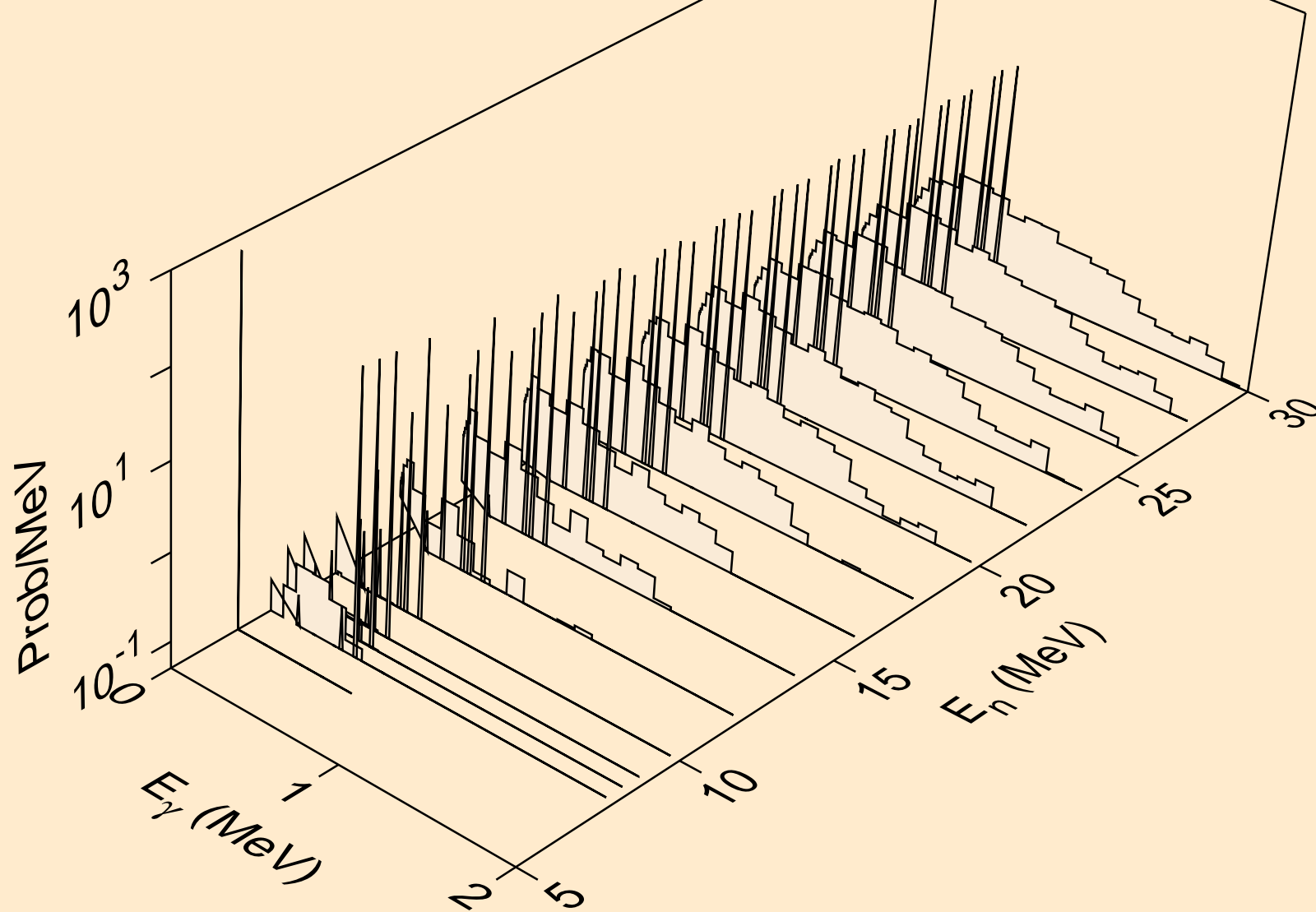
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Photon emission for (n,2n)a



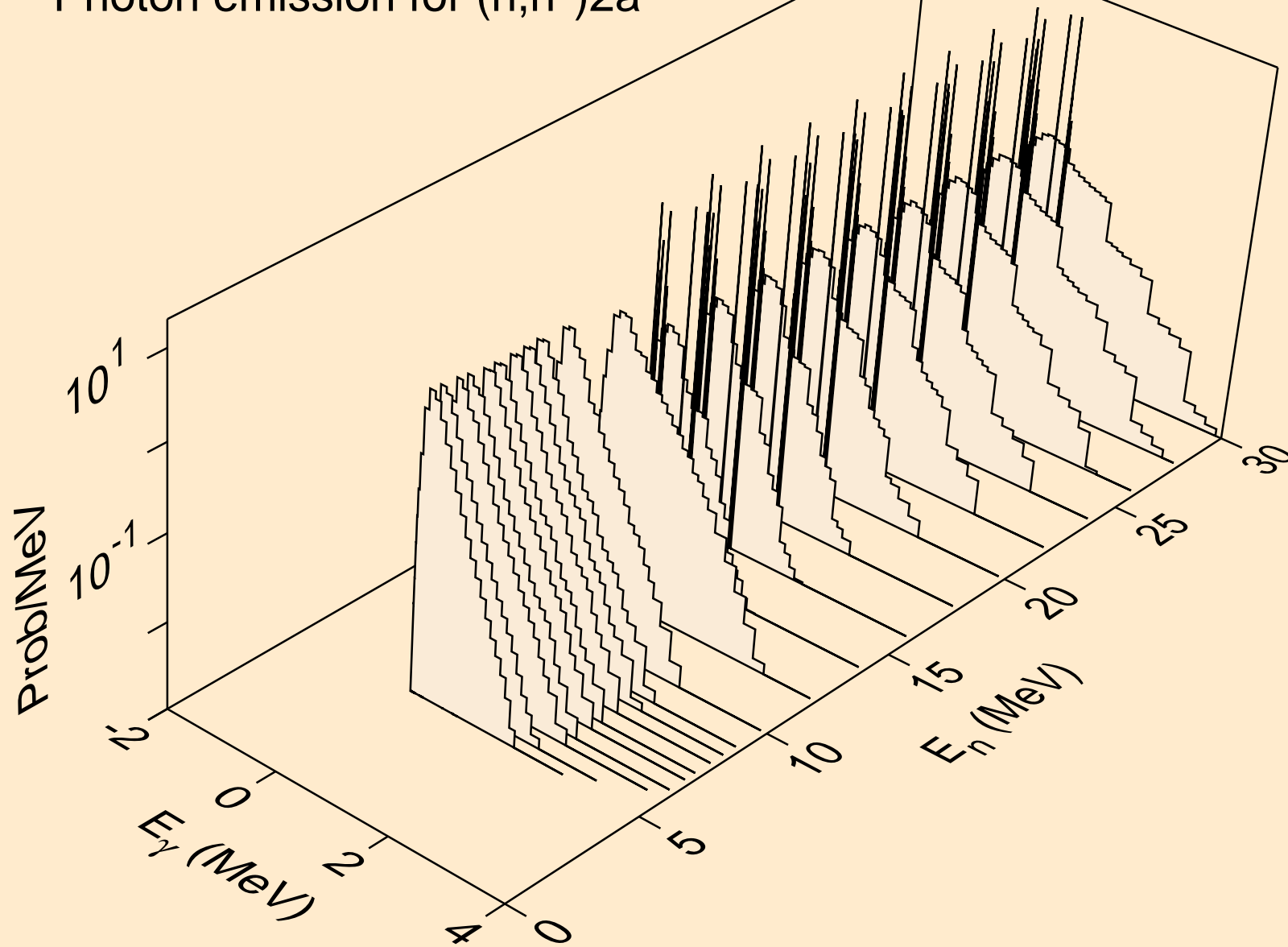
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Photon emission for (n,3n)a



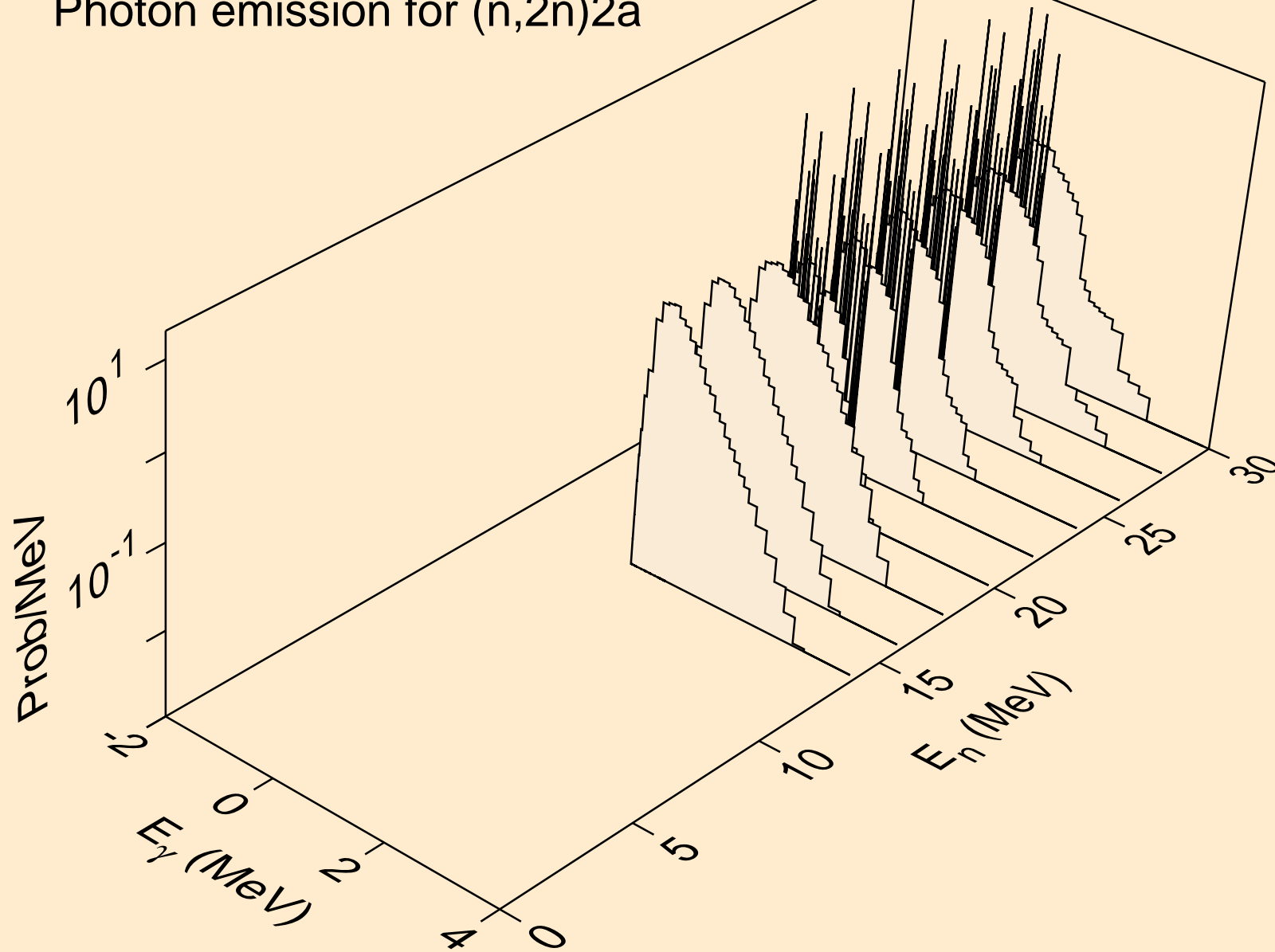
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



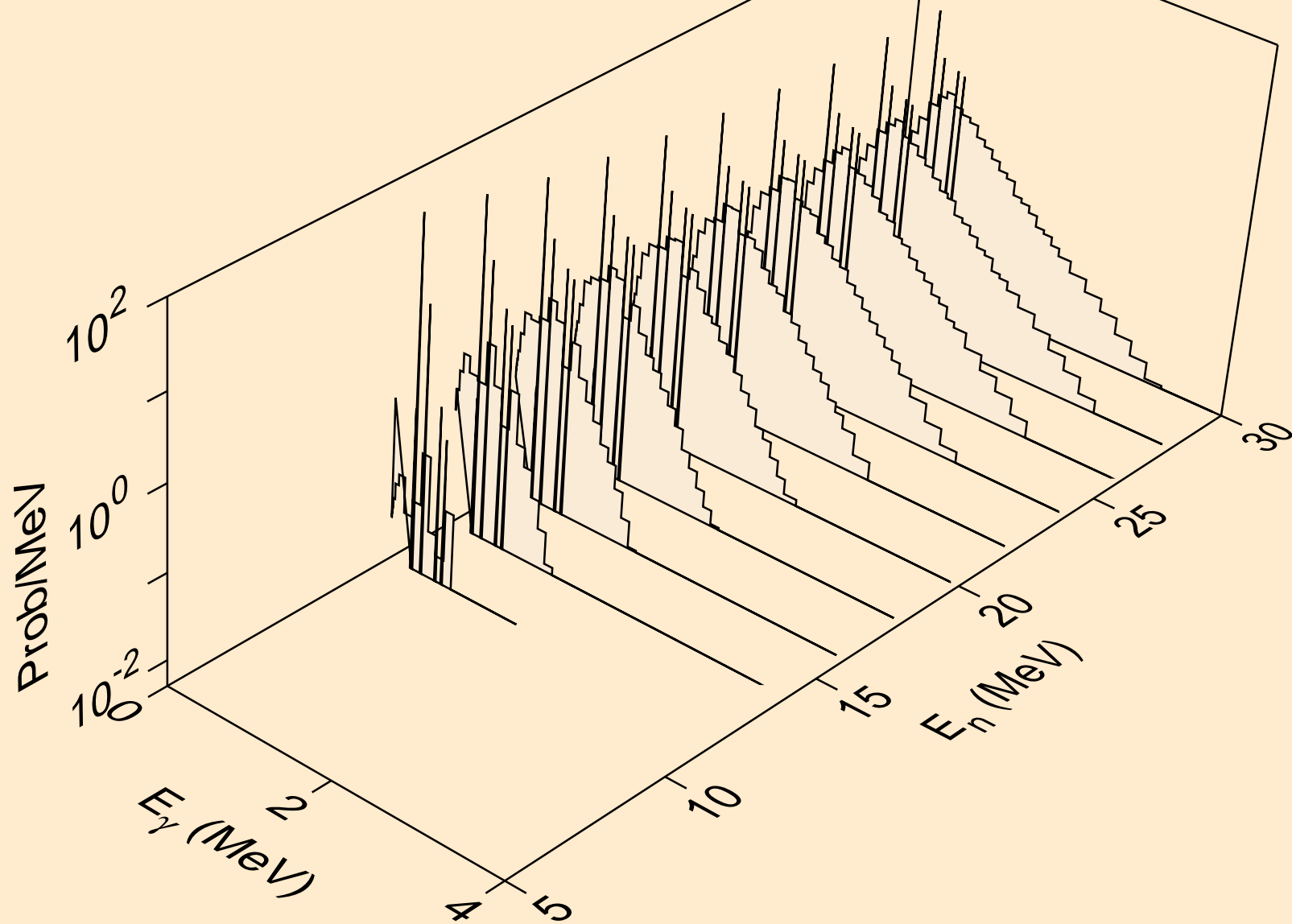
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Photon emission for (n,n*)2a



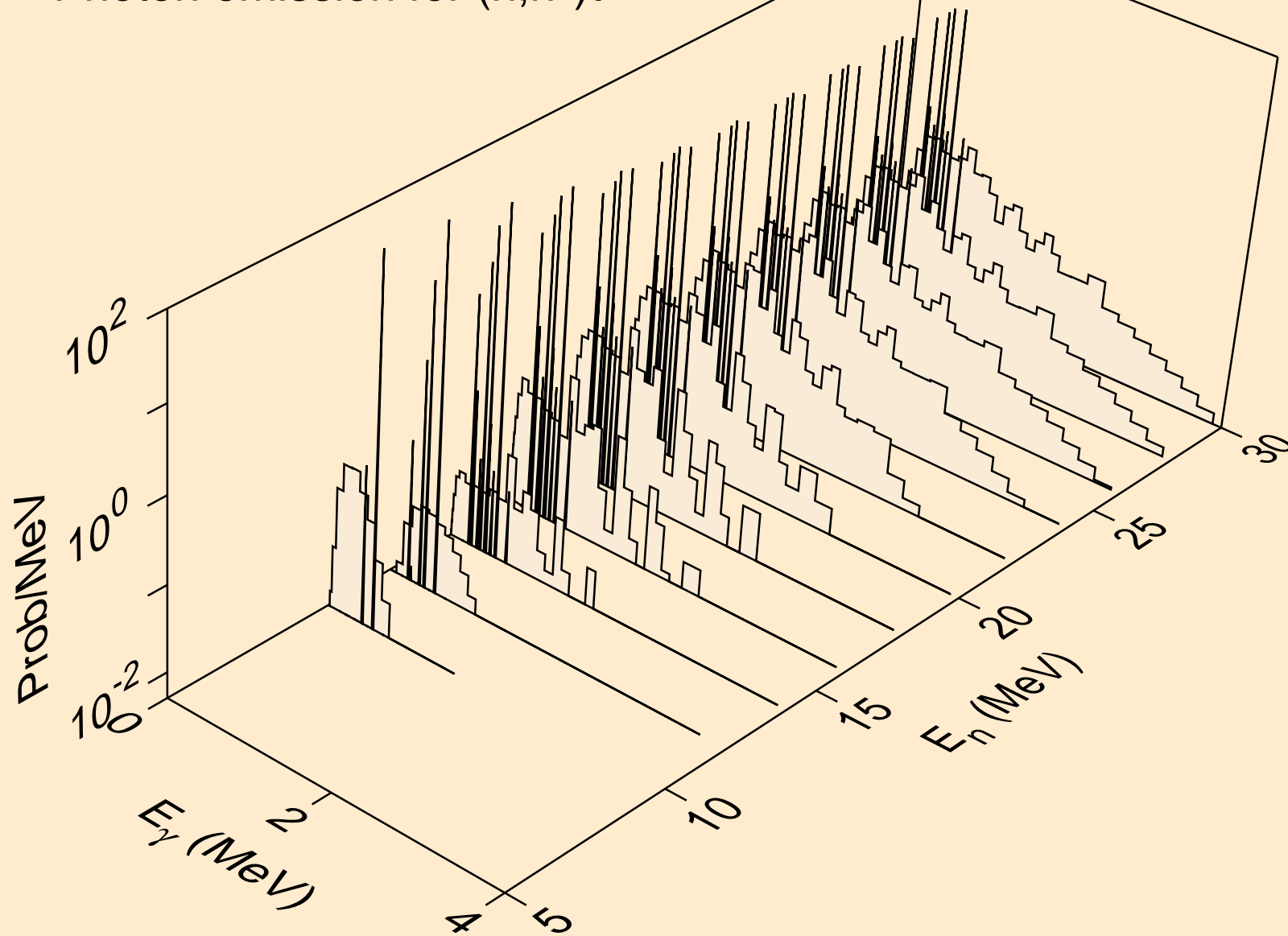
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Photon emission for (n,2n)2a



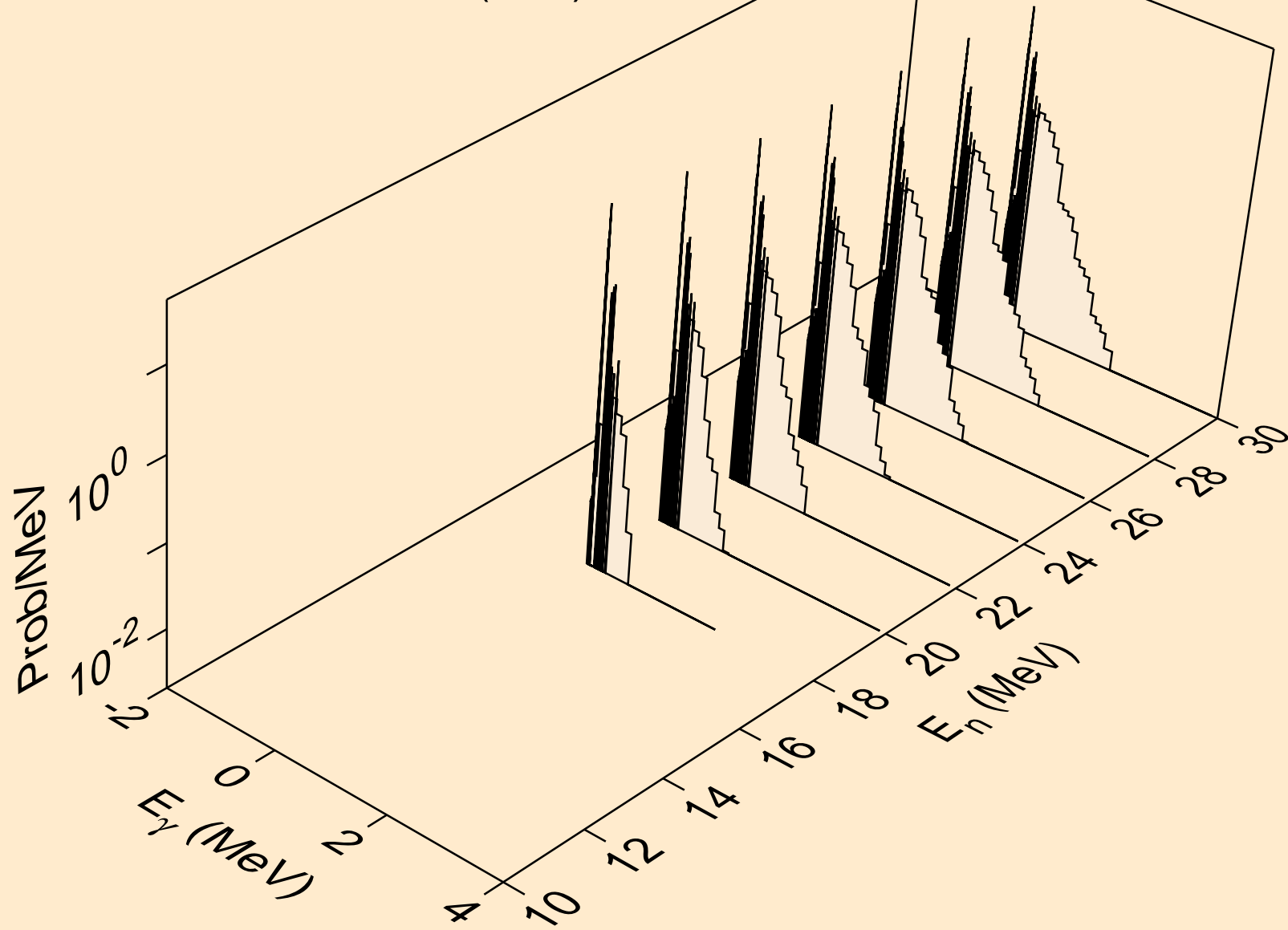
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



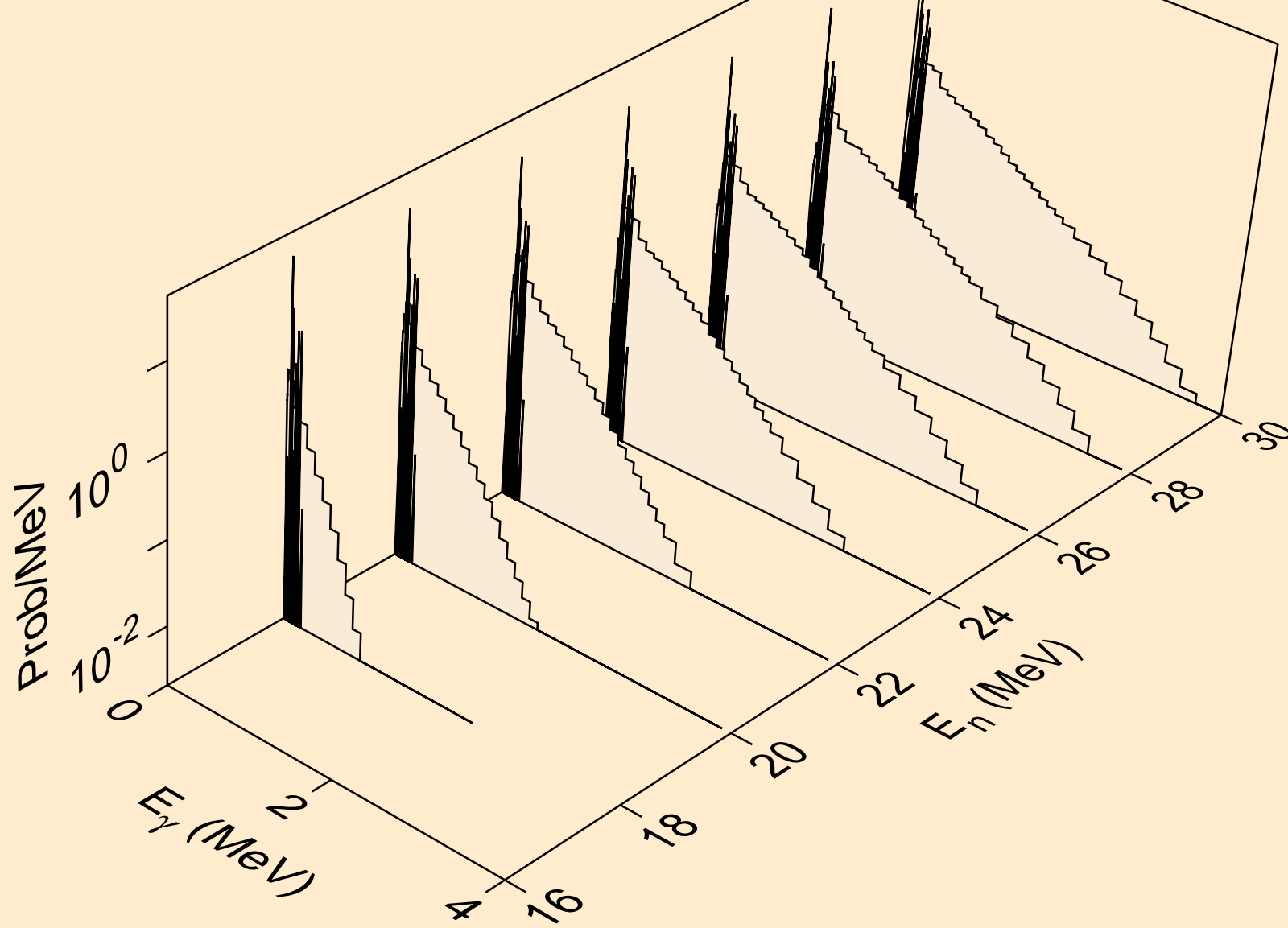
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



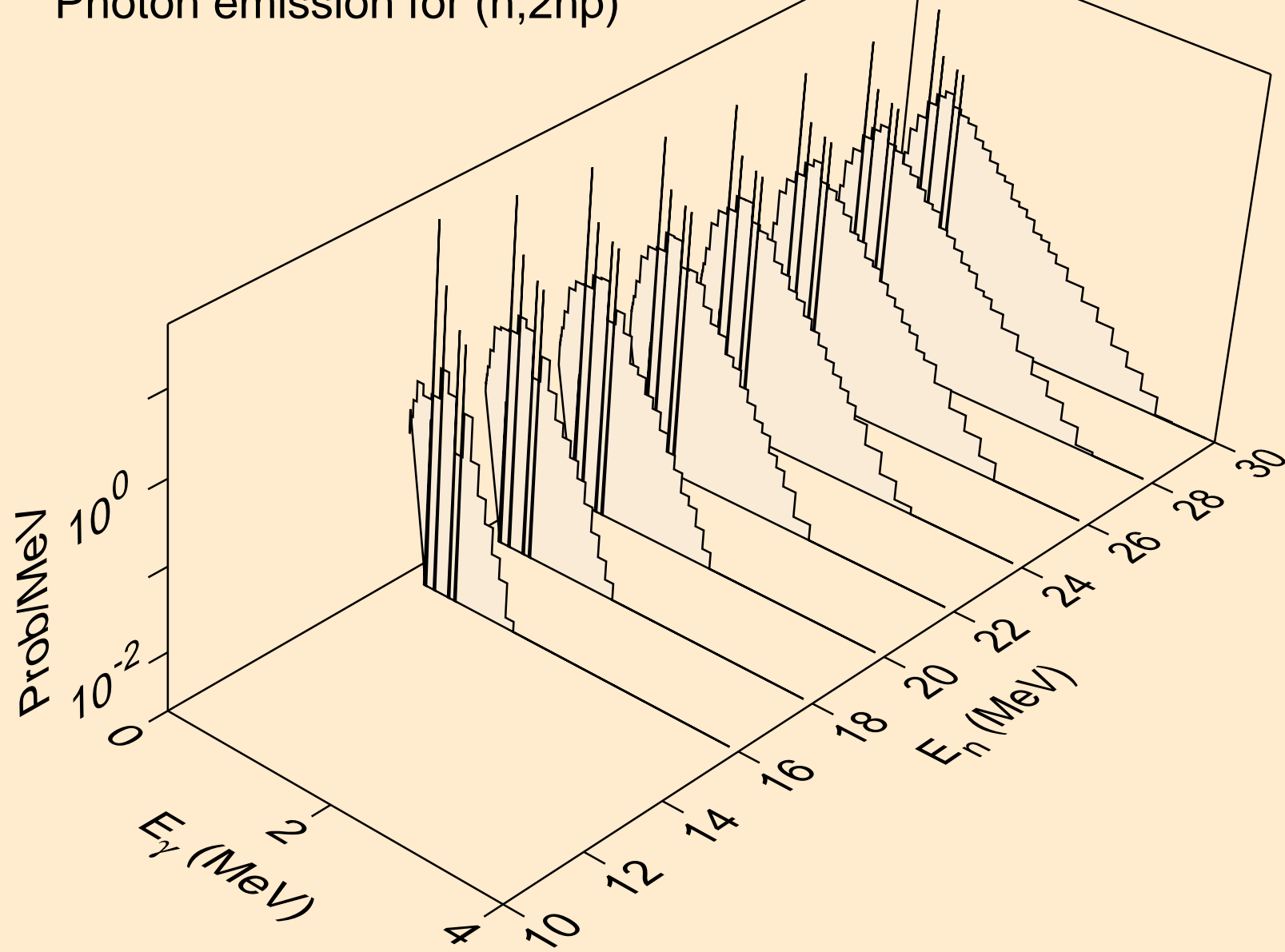
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



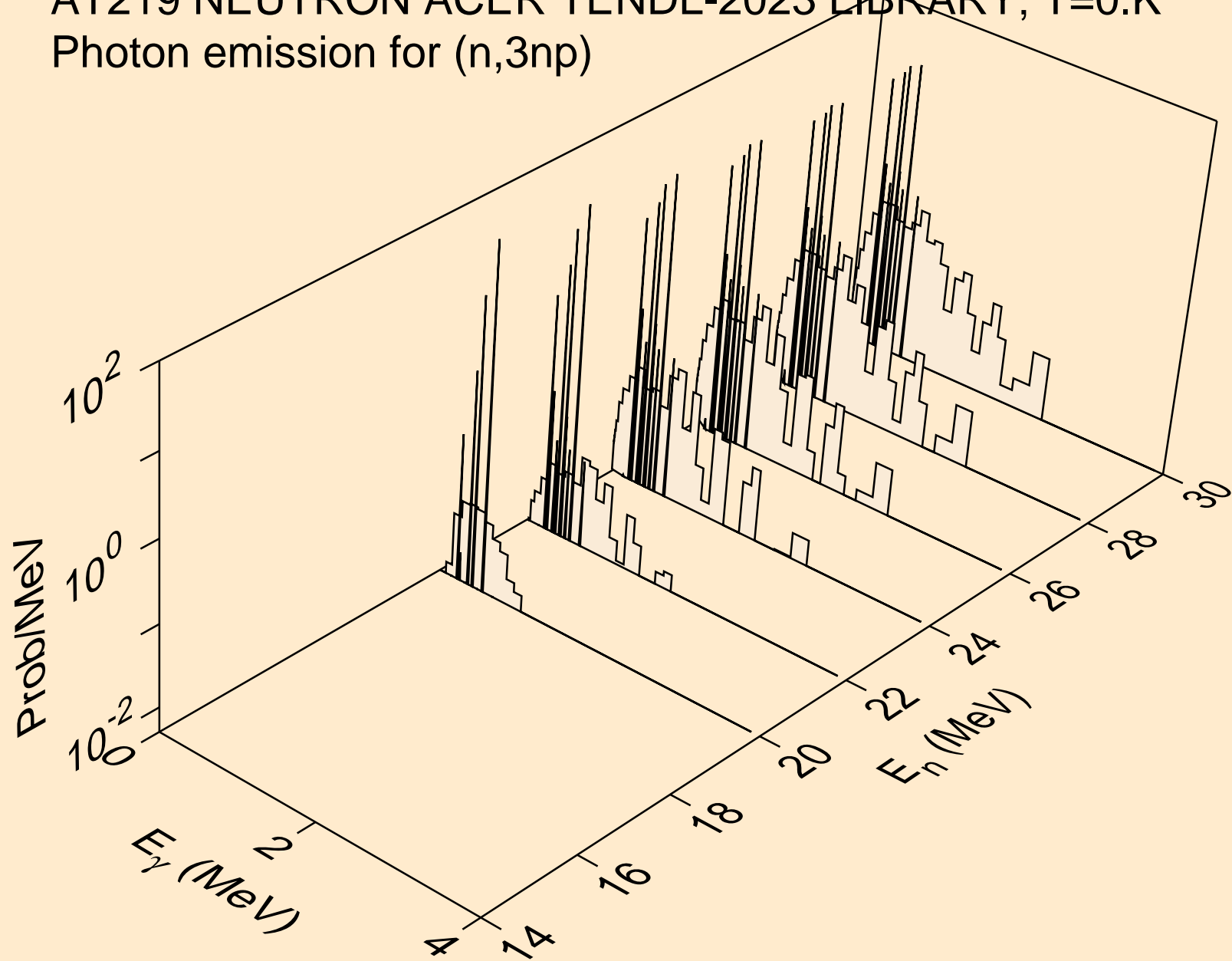
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



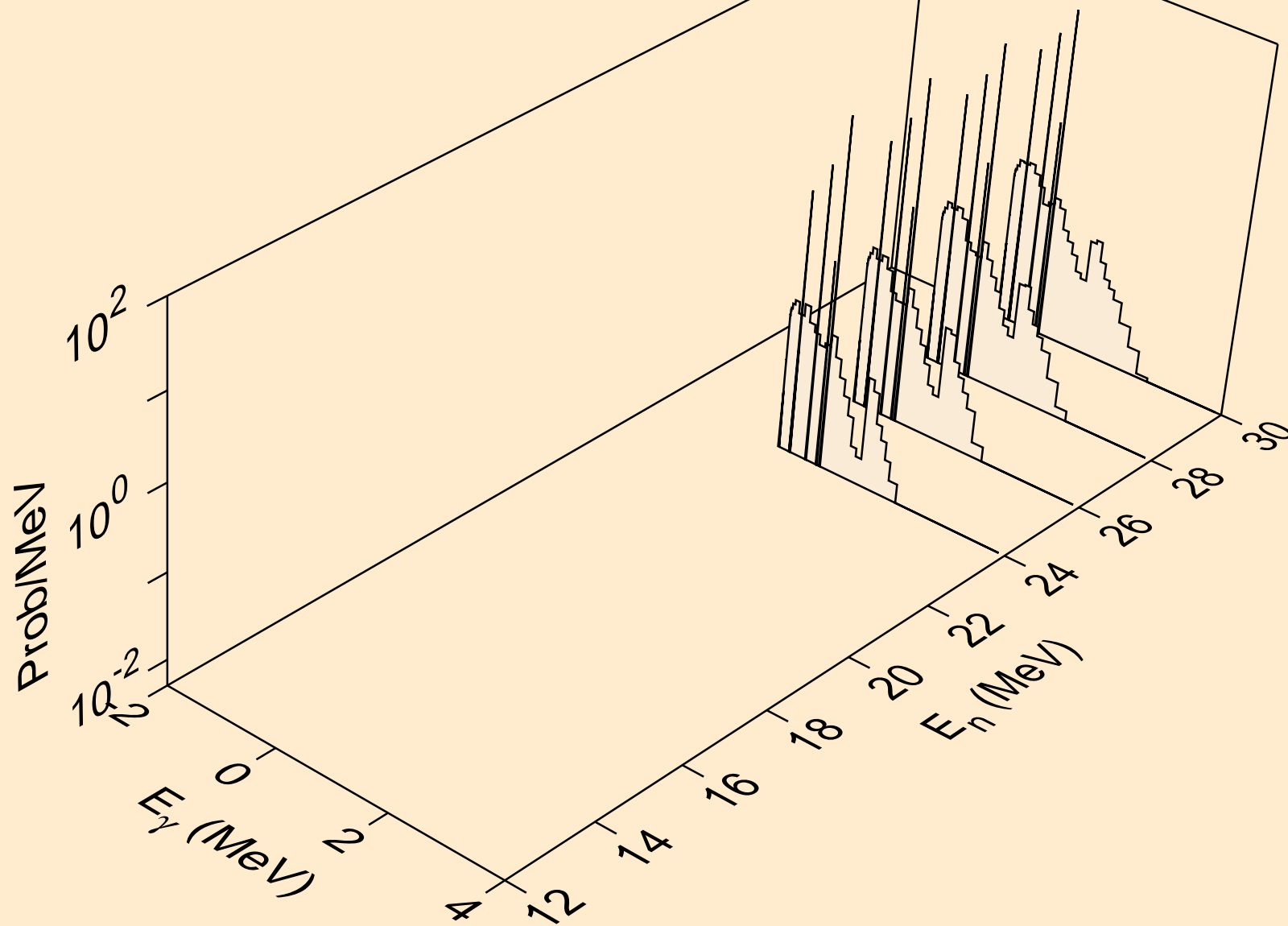
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Photon emission for (n,2np)



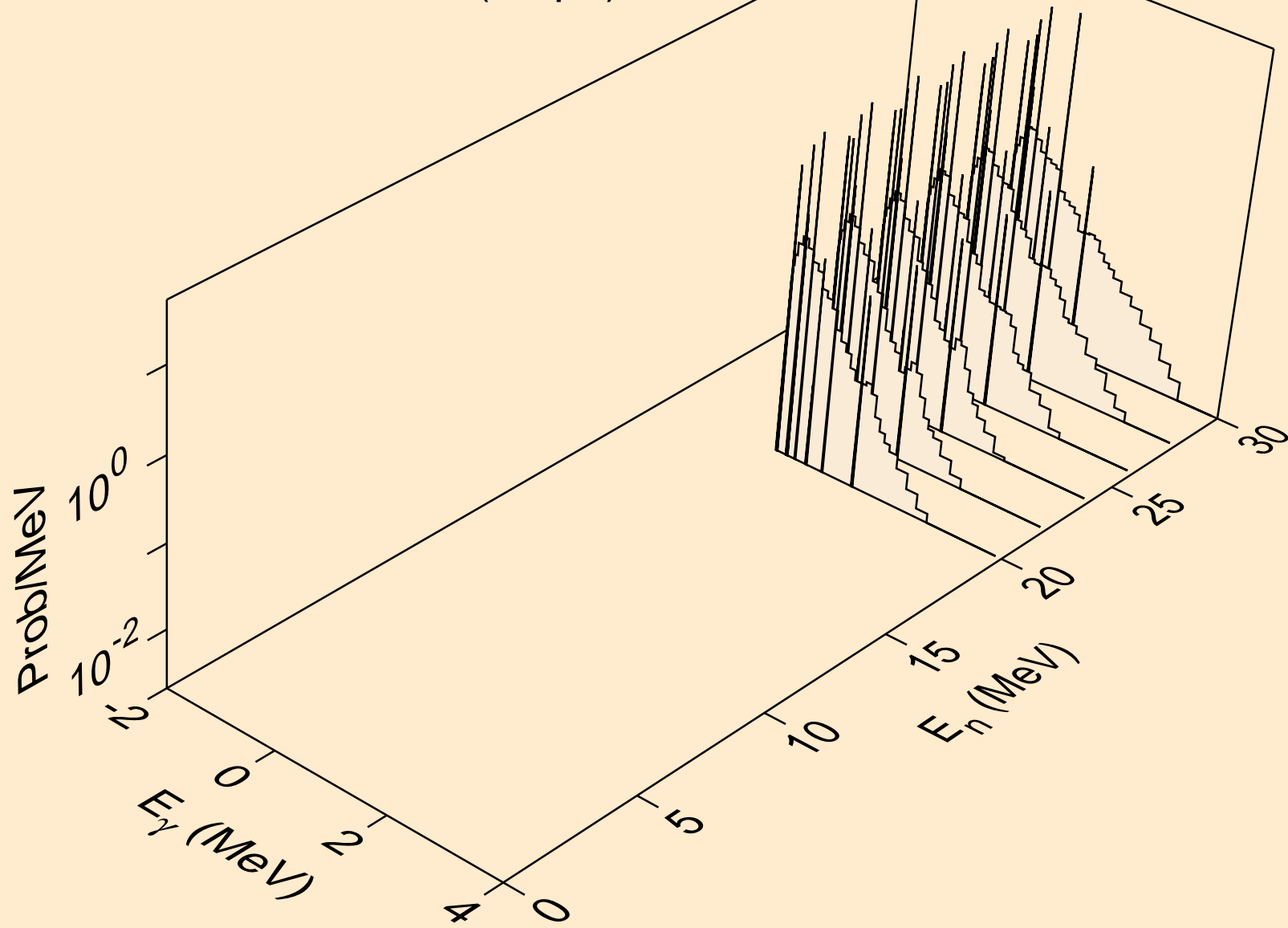
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Photon emission for (n,3np)



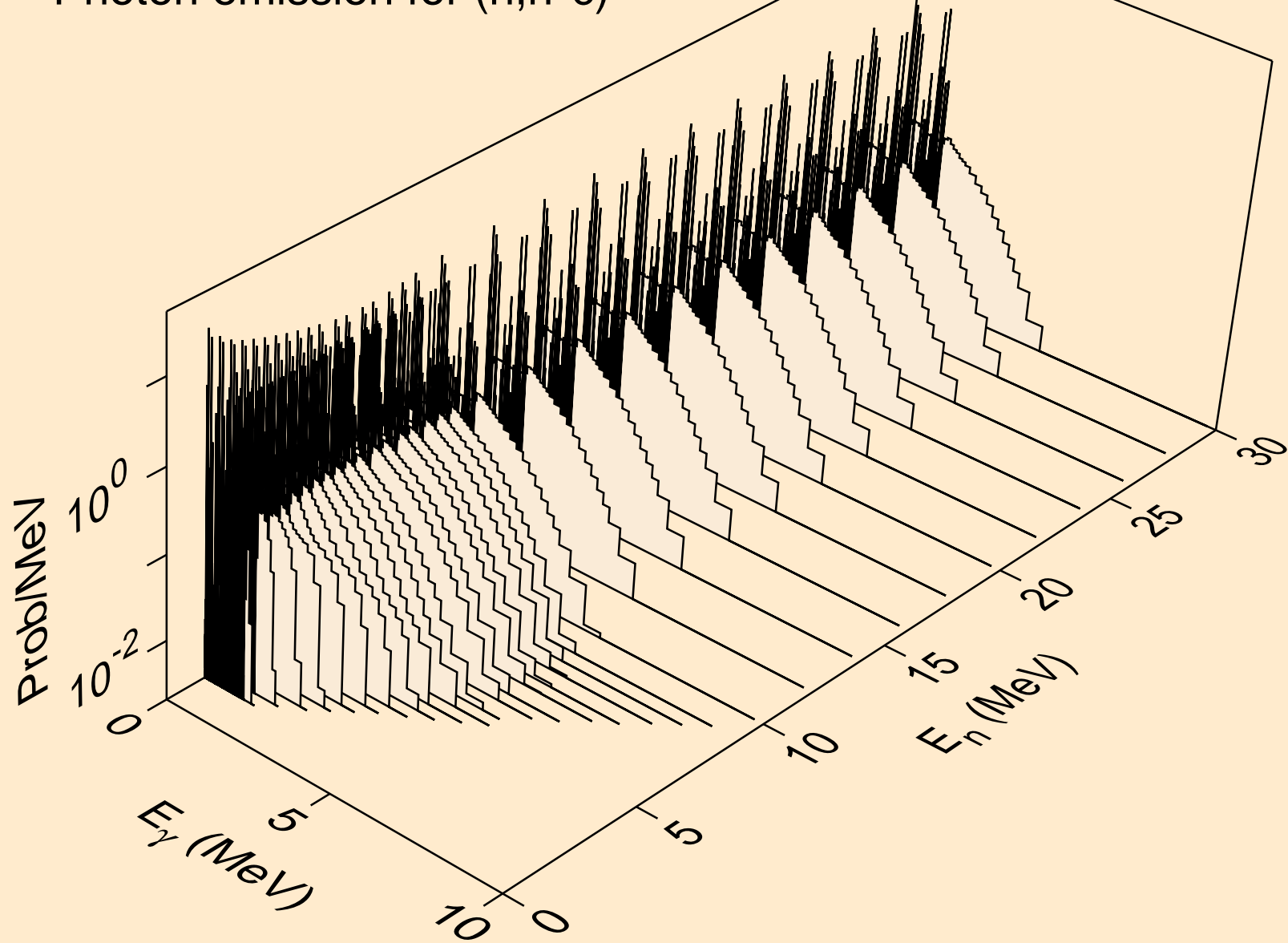
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Photon emission for (n,n2p)



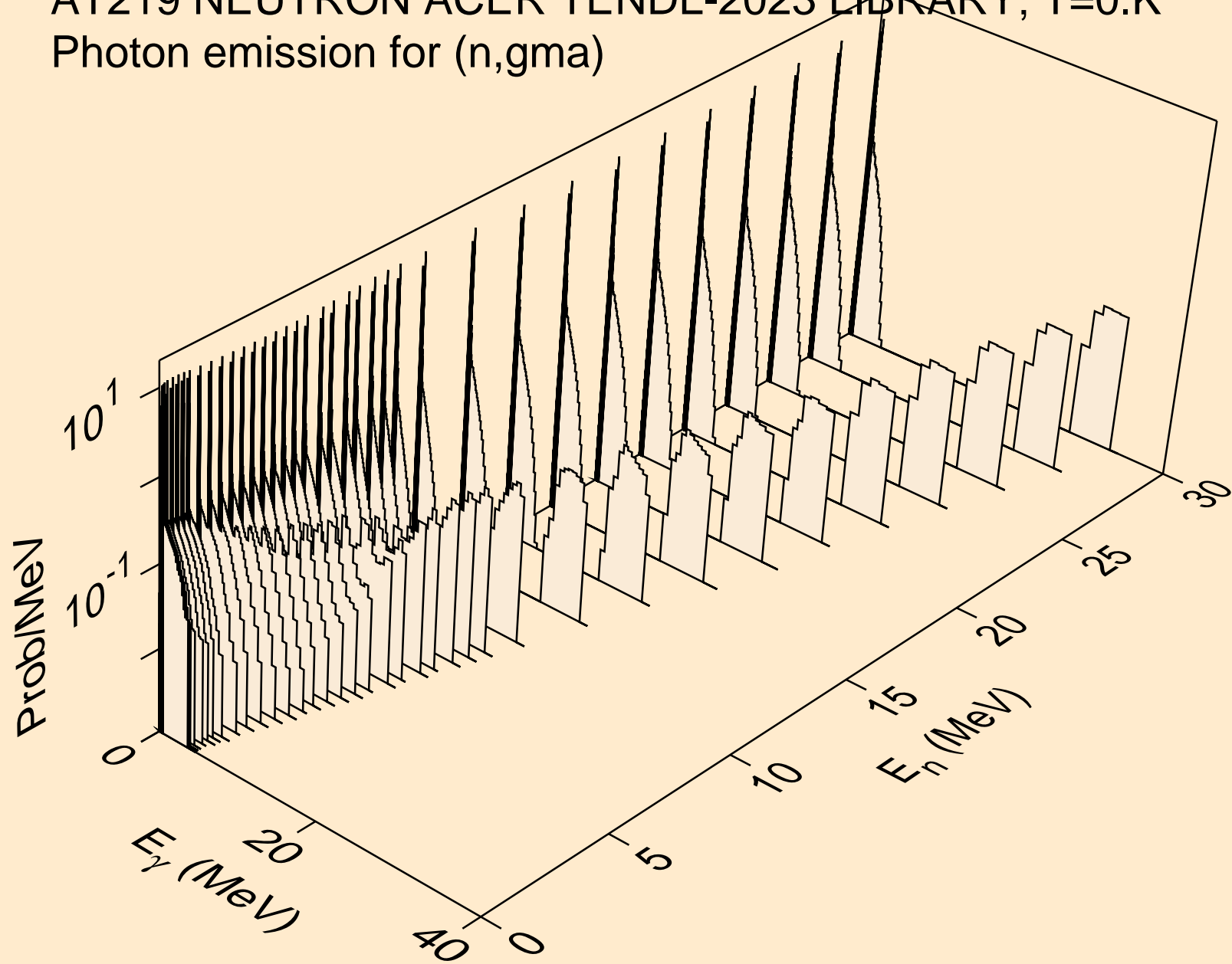
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Photon emission for (n,npa)



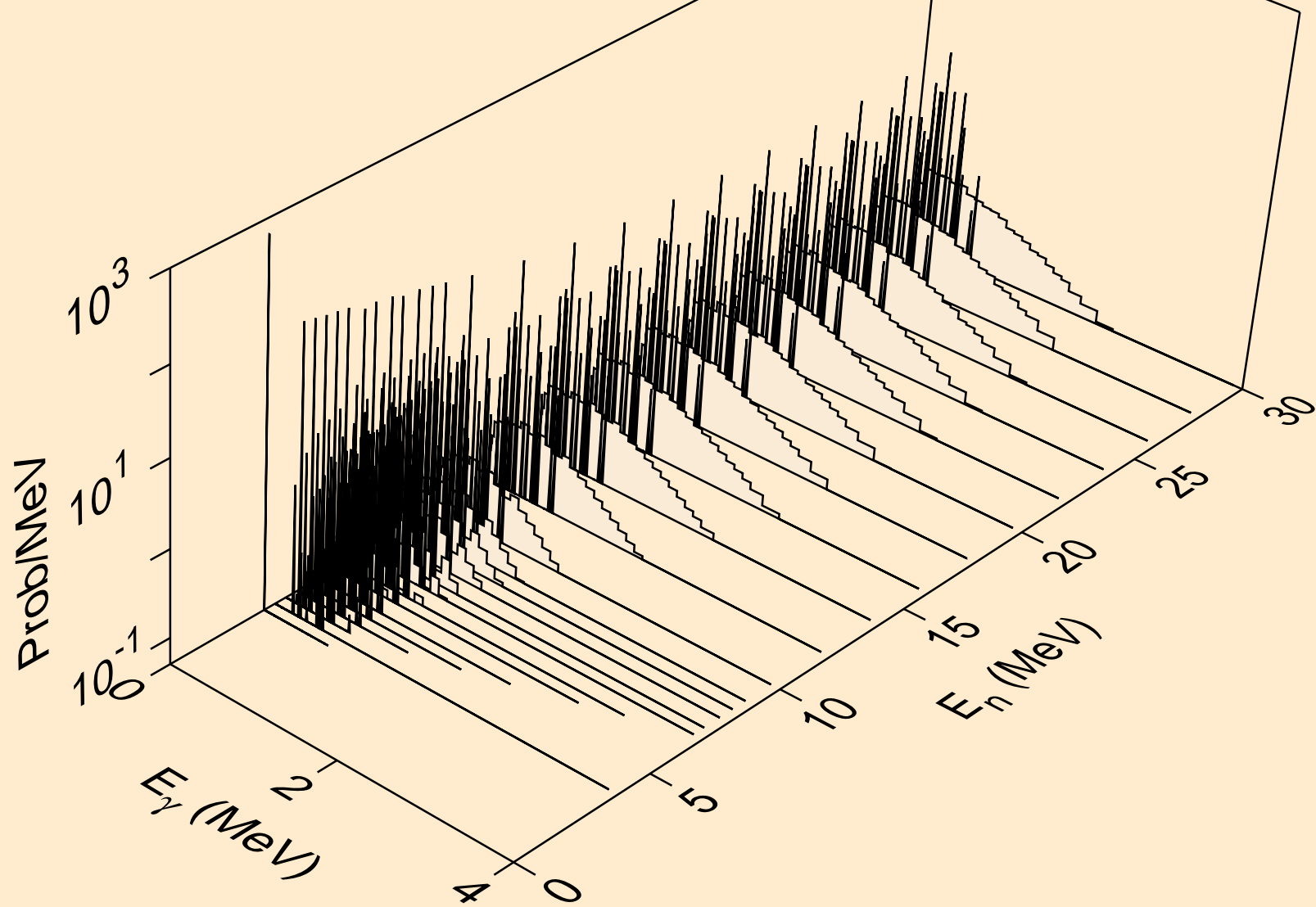
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Photon emission for (n,n*c)



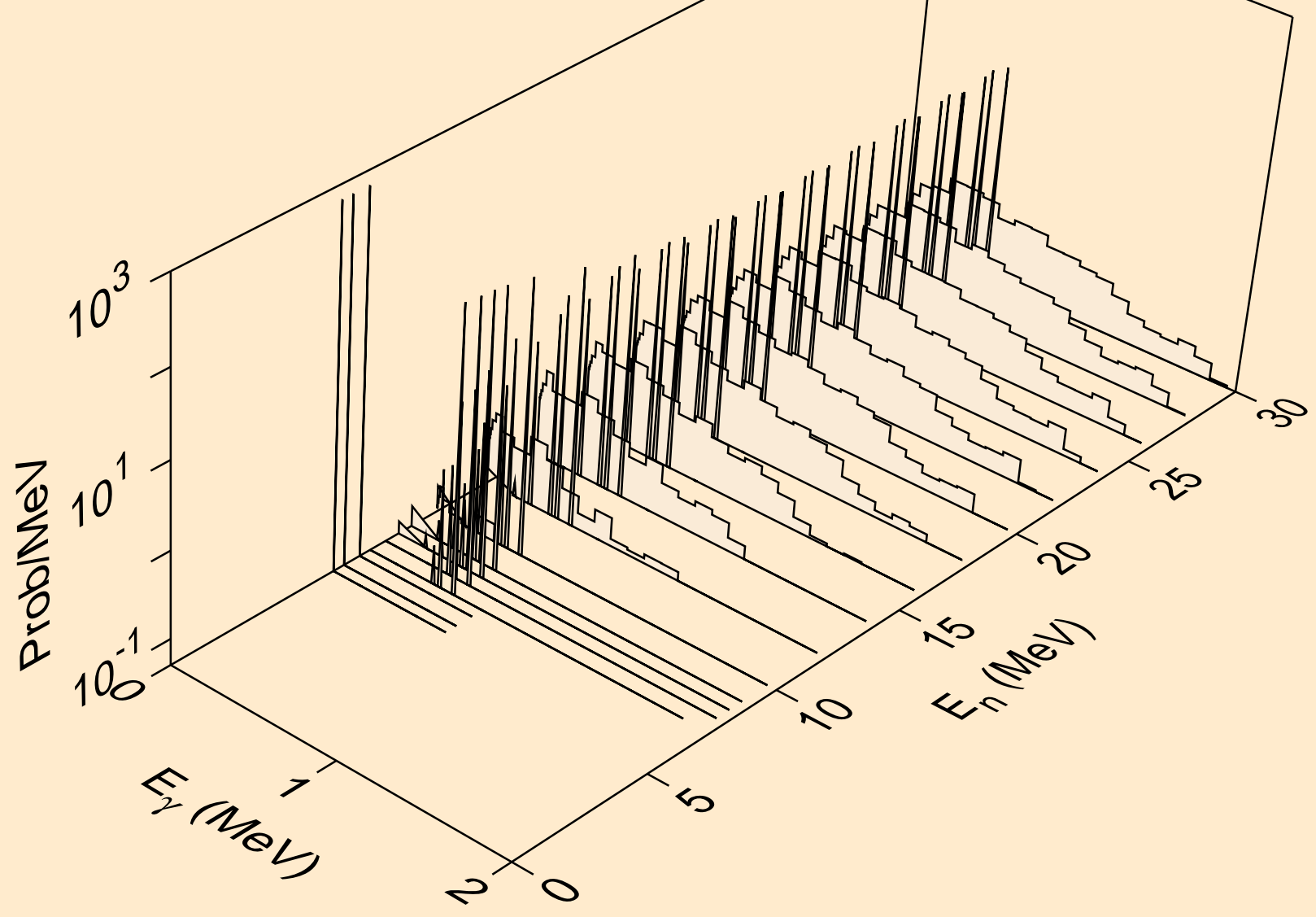
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



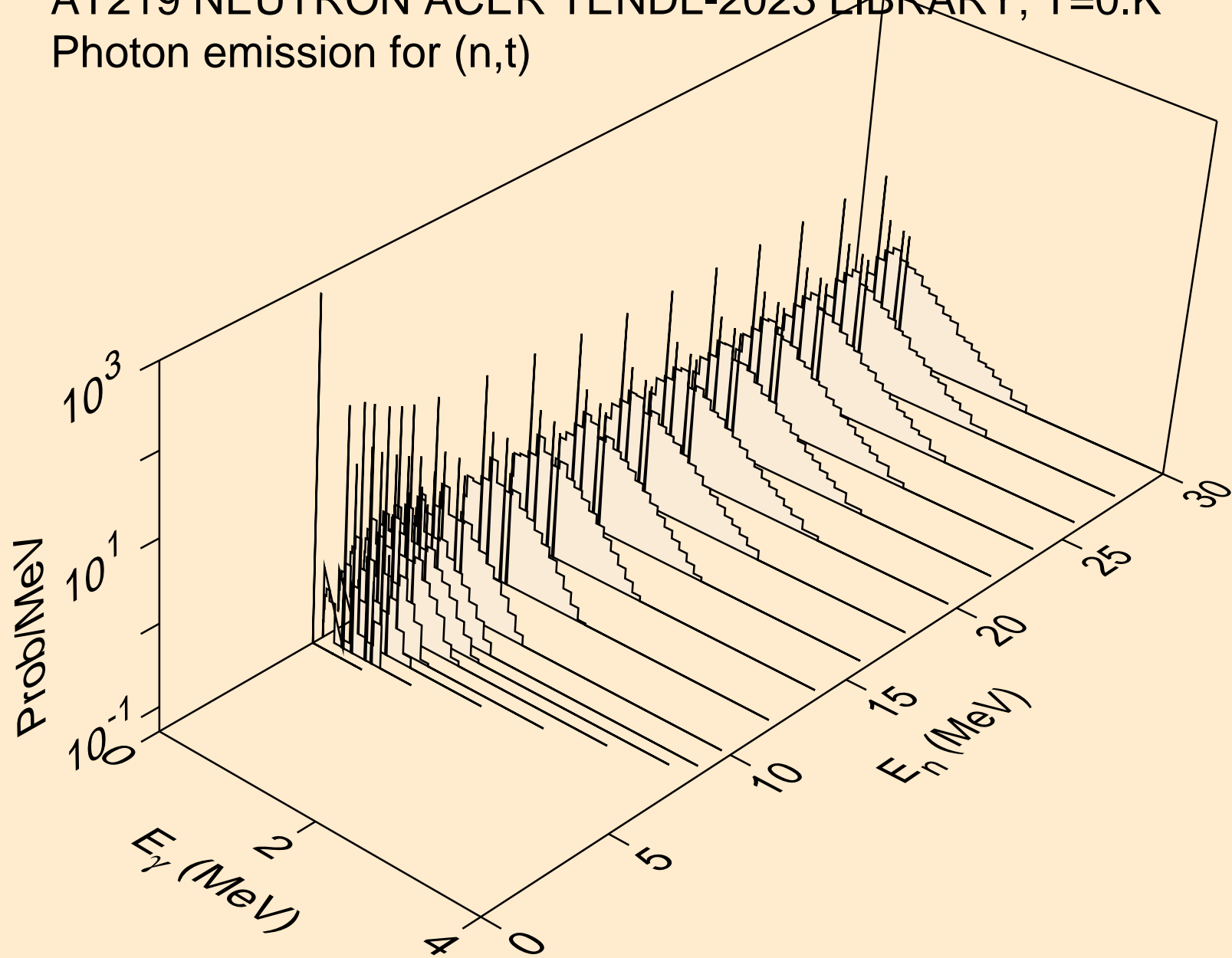
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Photon emission for (n,p)



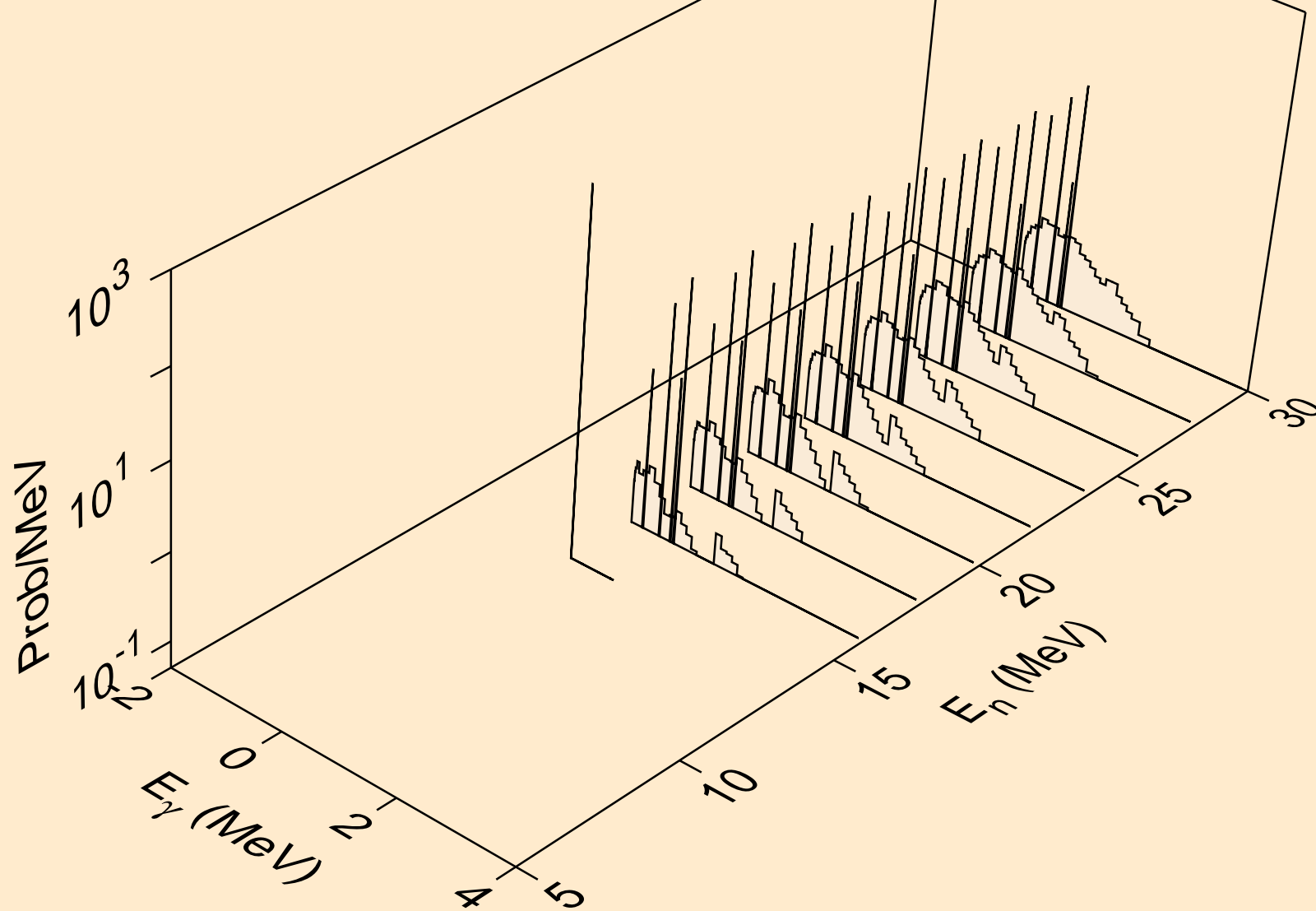
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



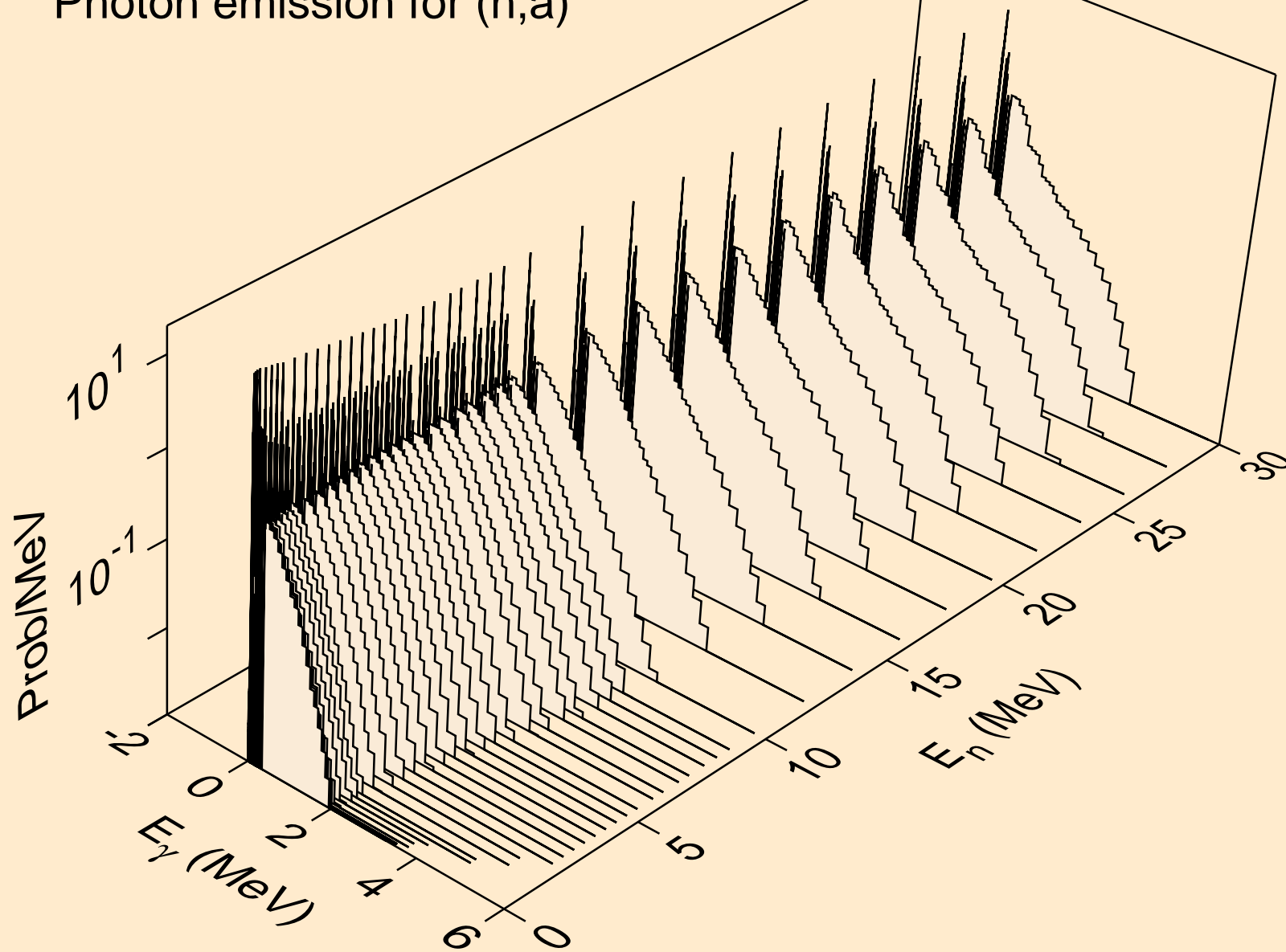
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



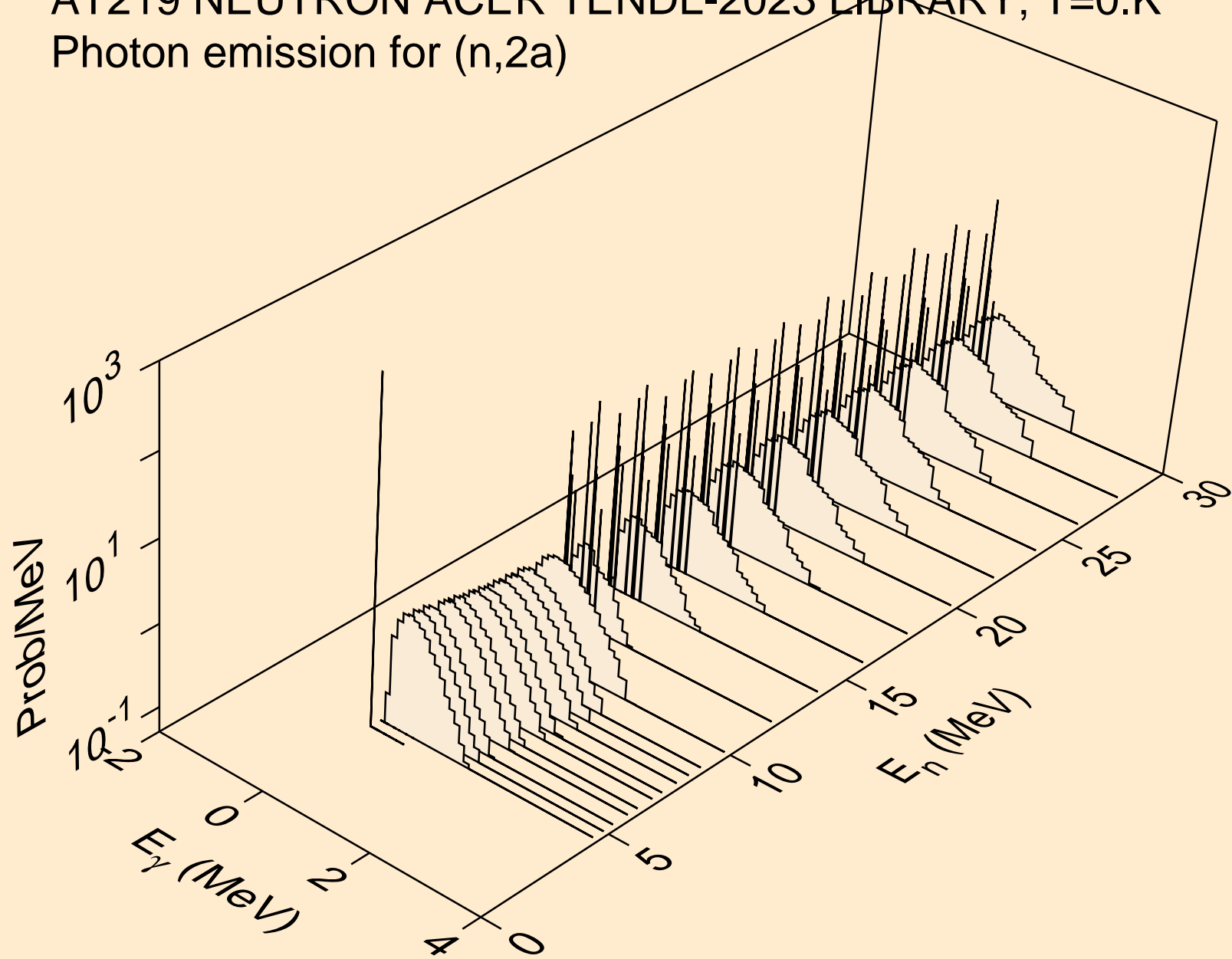
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



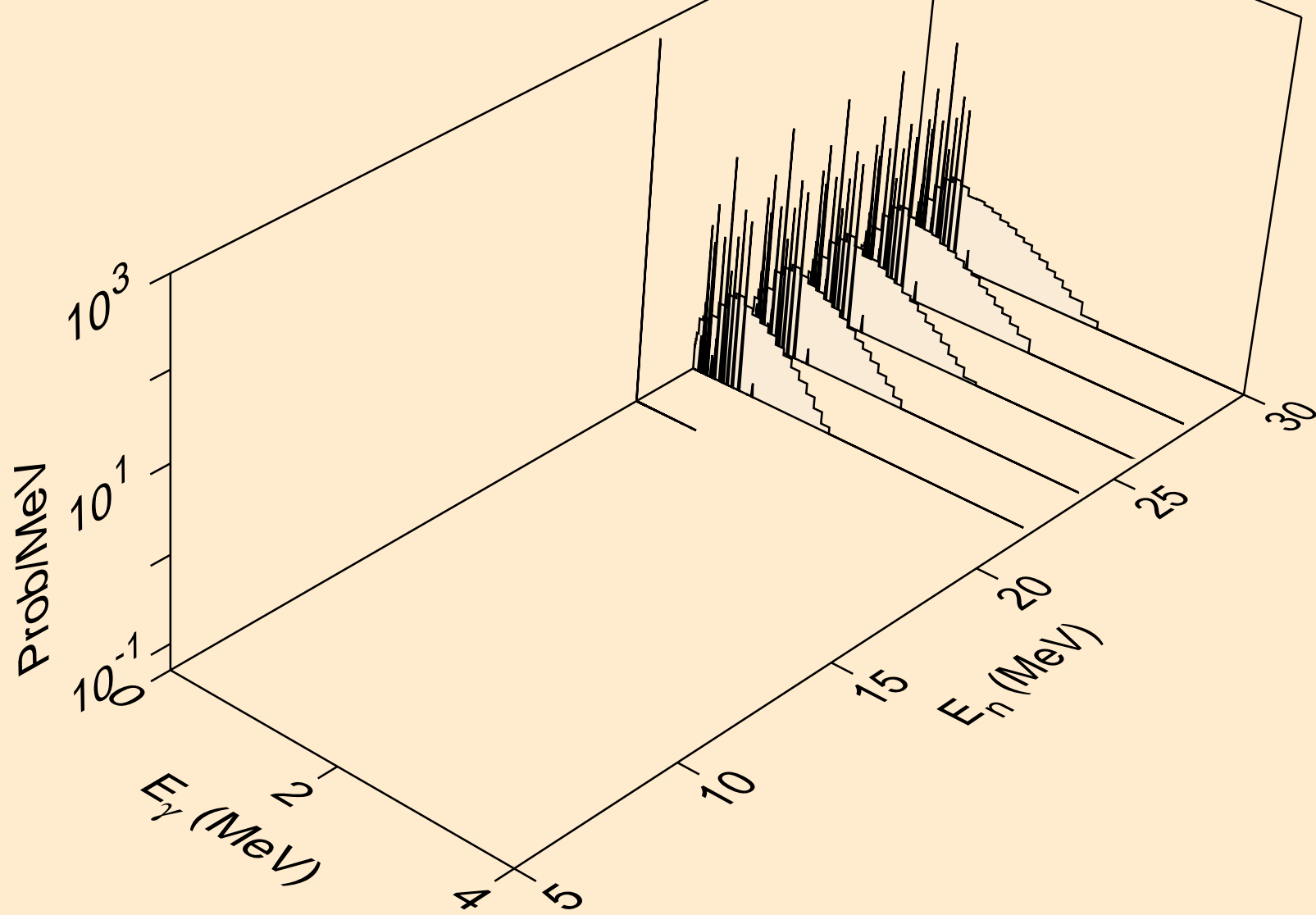
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Photon emission for (n,a)



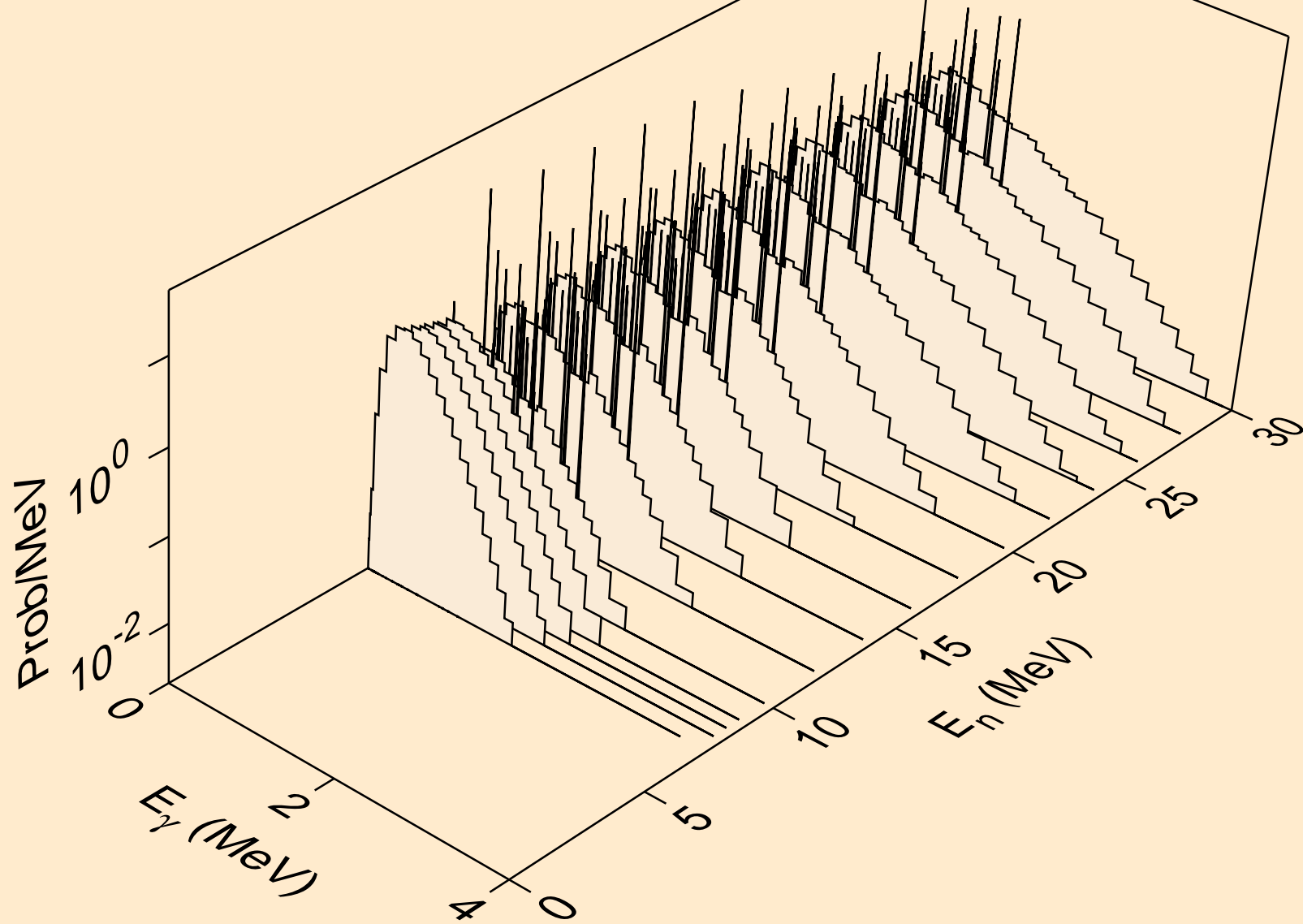
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Photon emission for (n,2a)



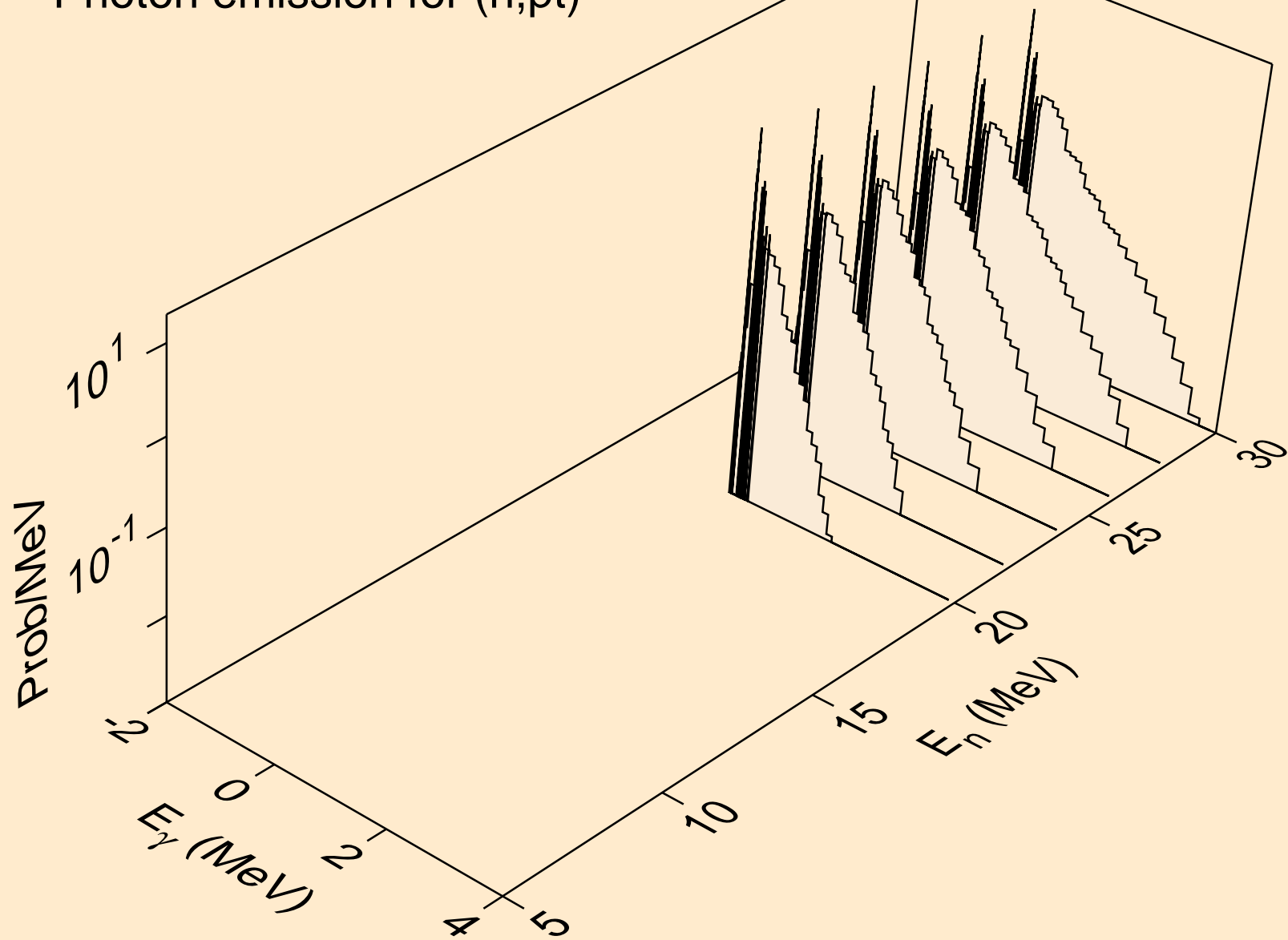
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Photon emission for (n,2p)



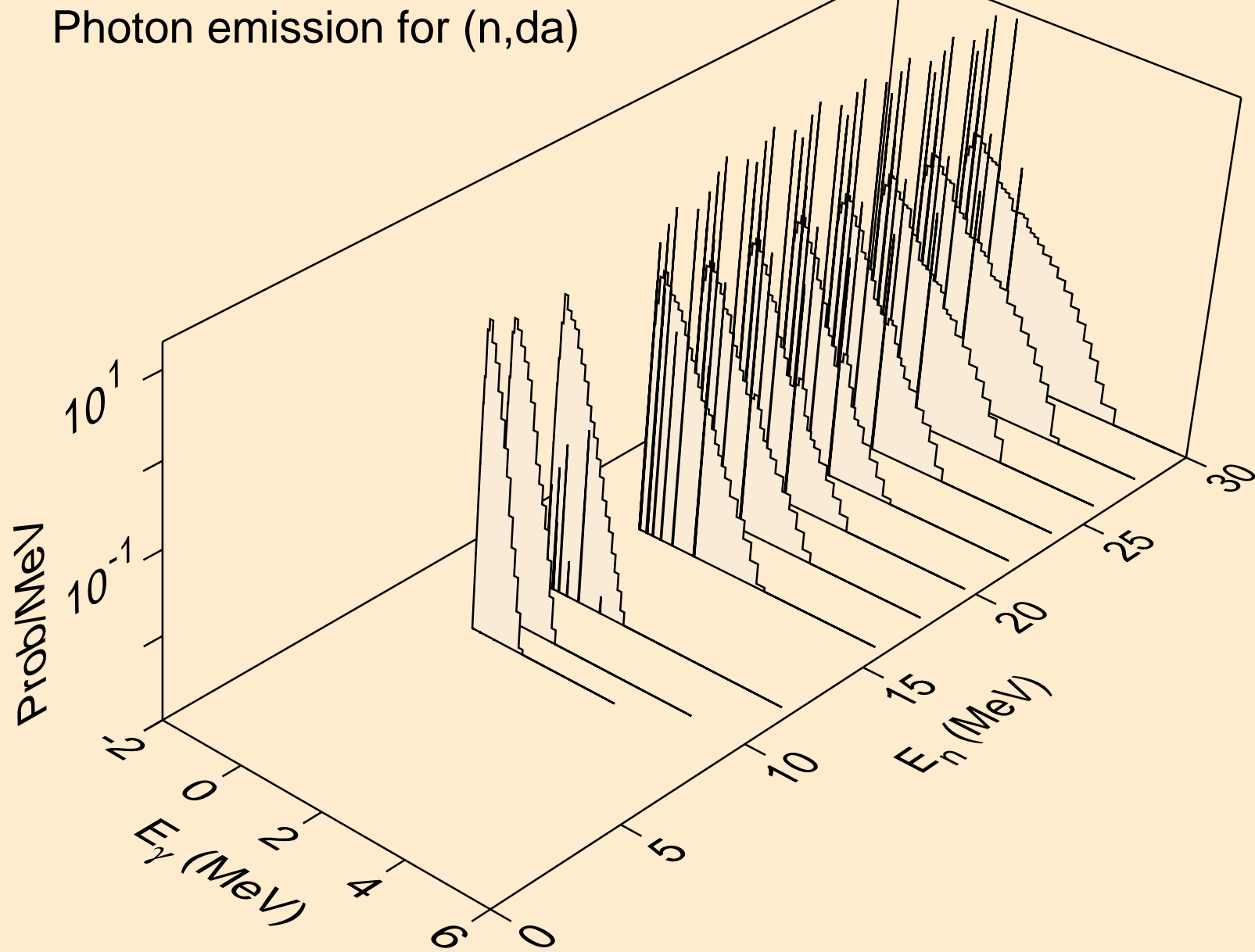
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Photon emission for (n,p)



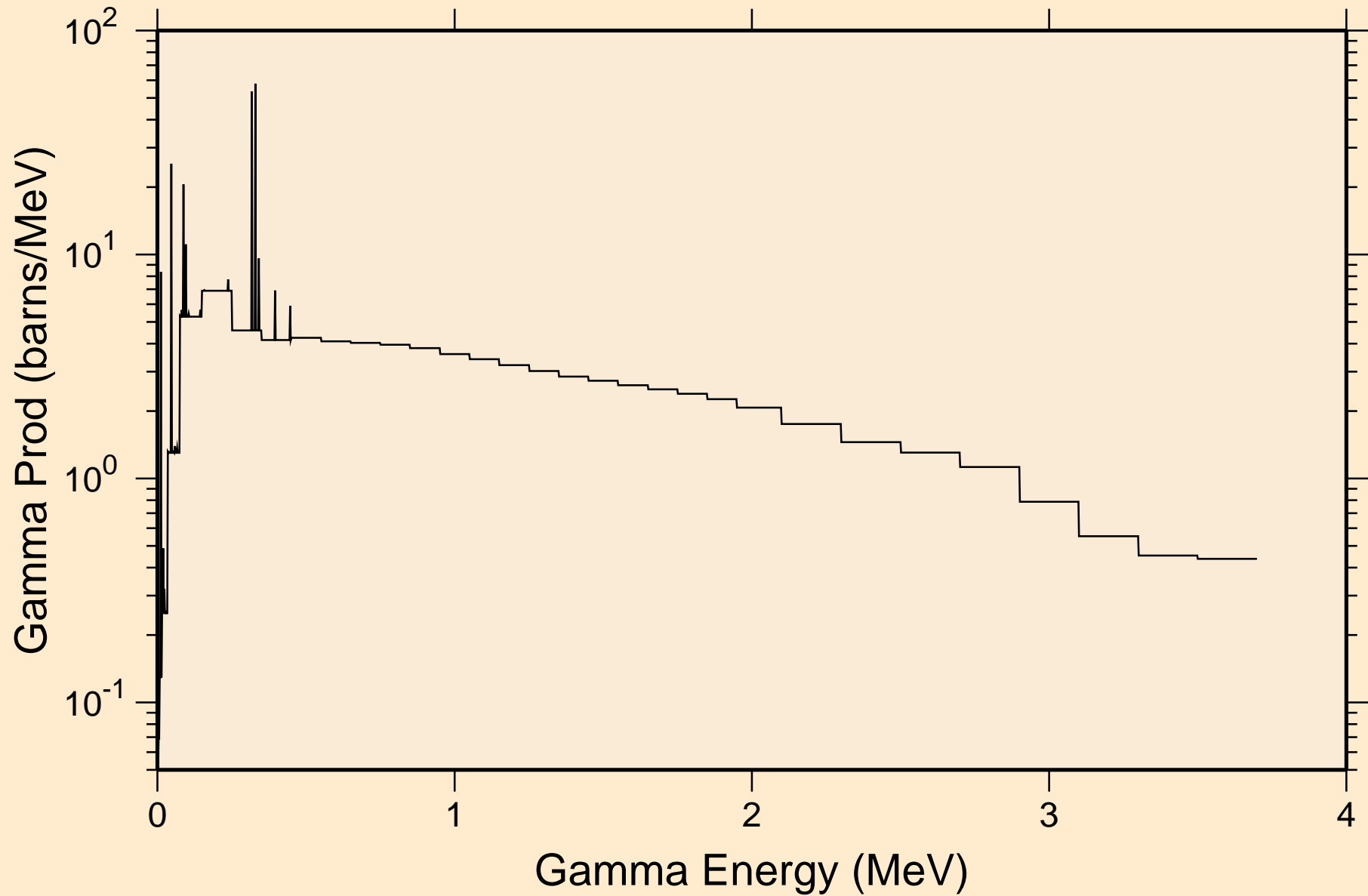
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



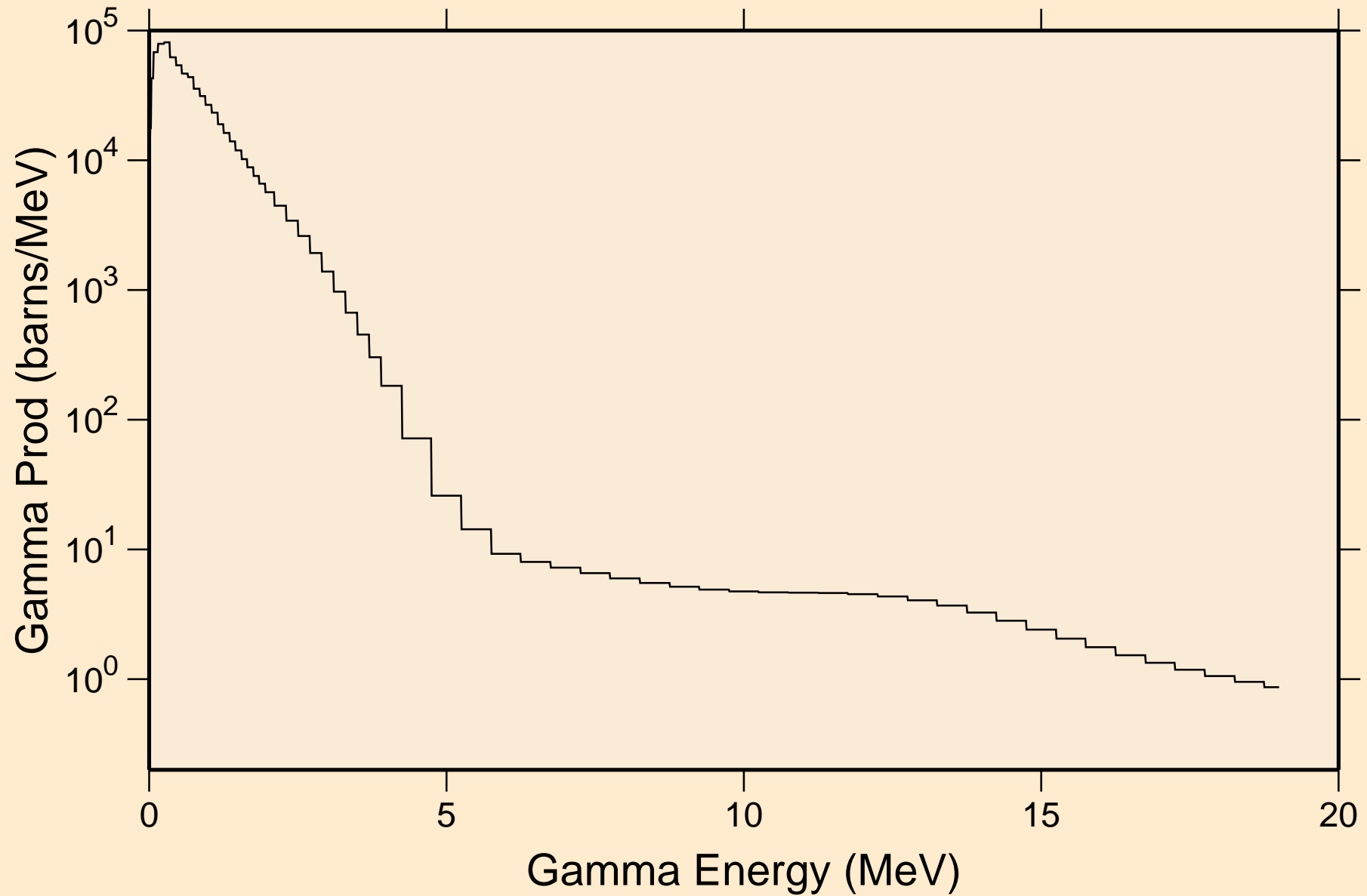
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

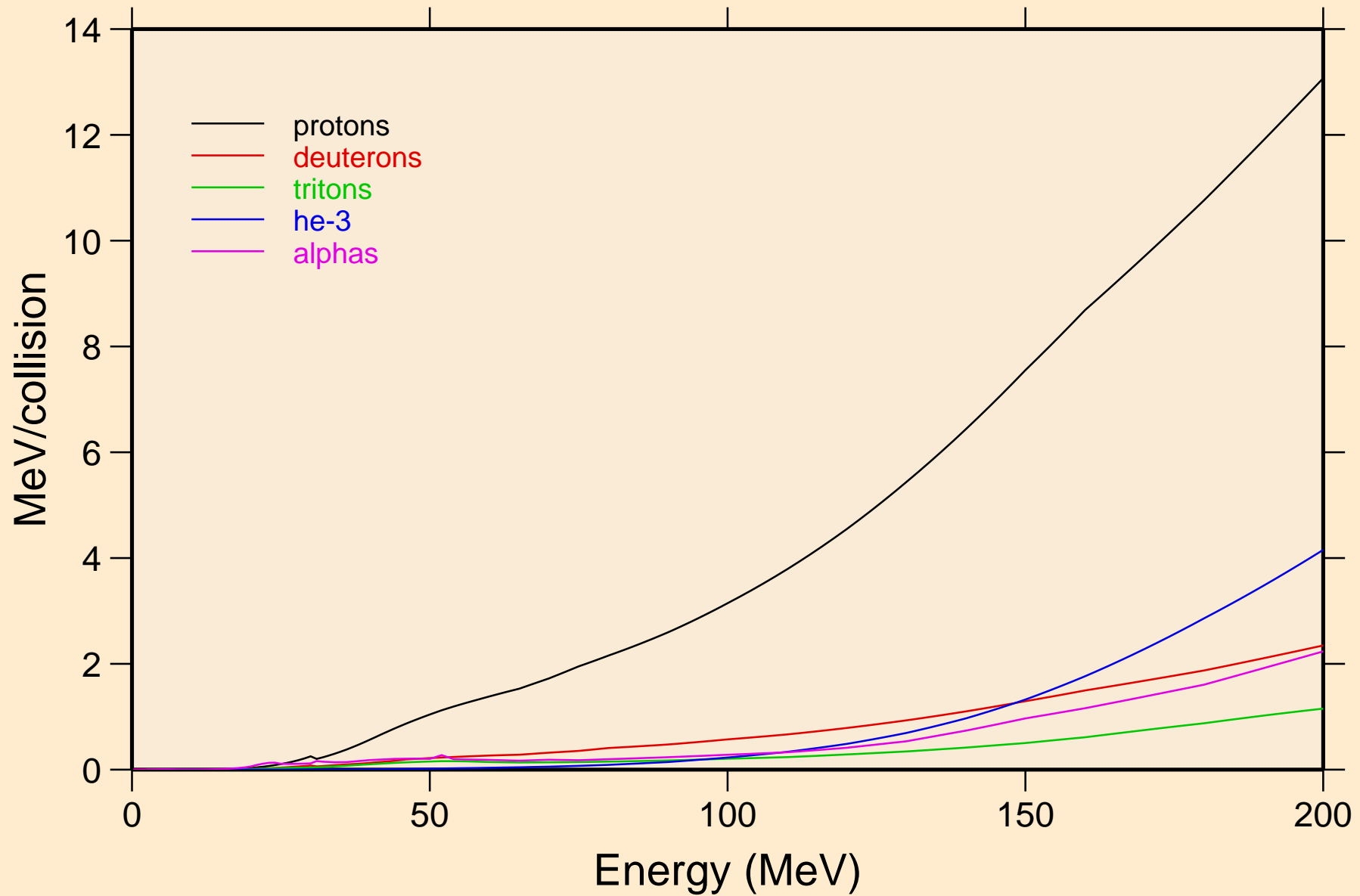


AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

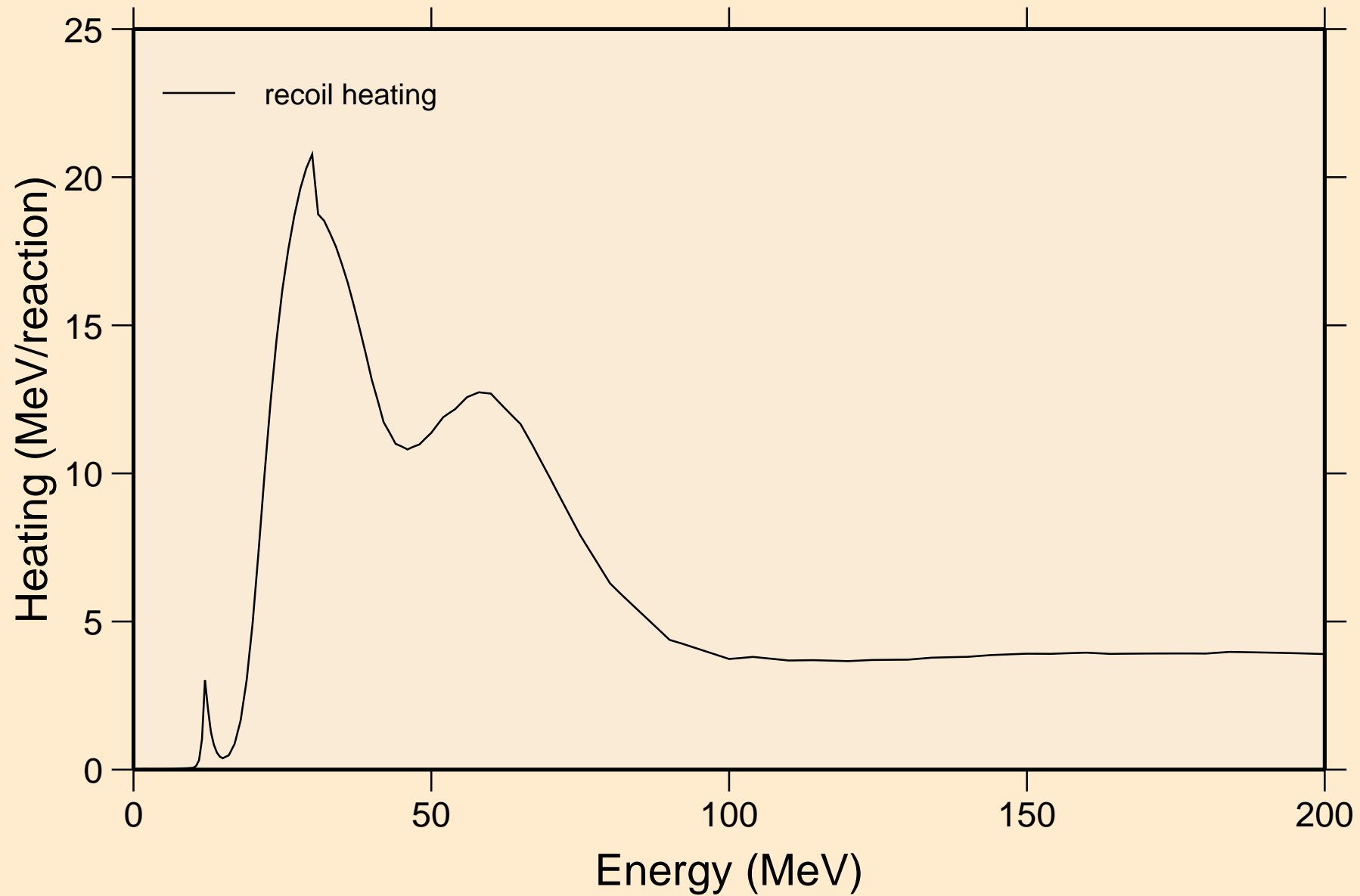


AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

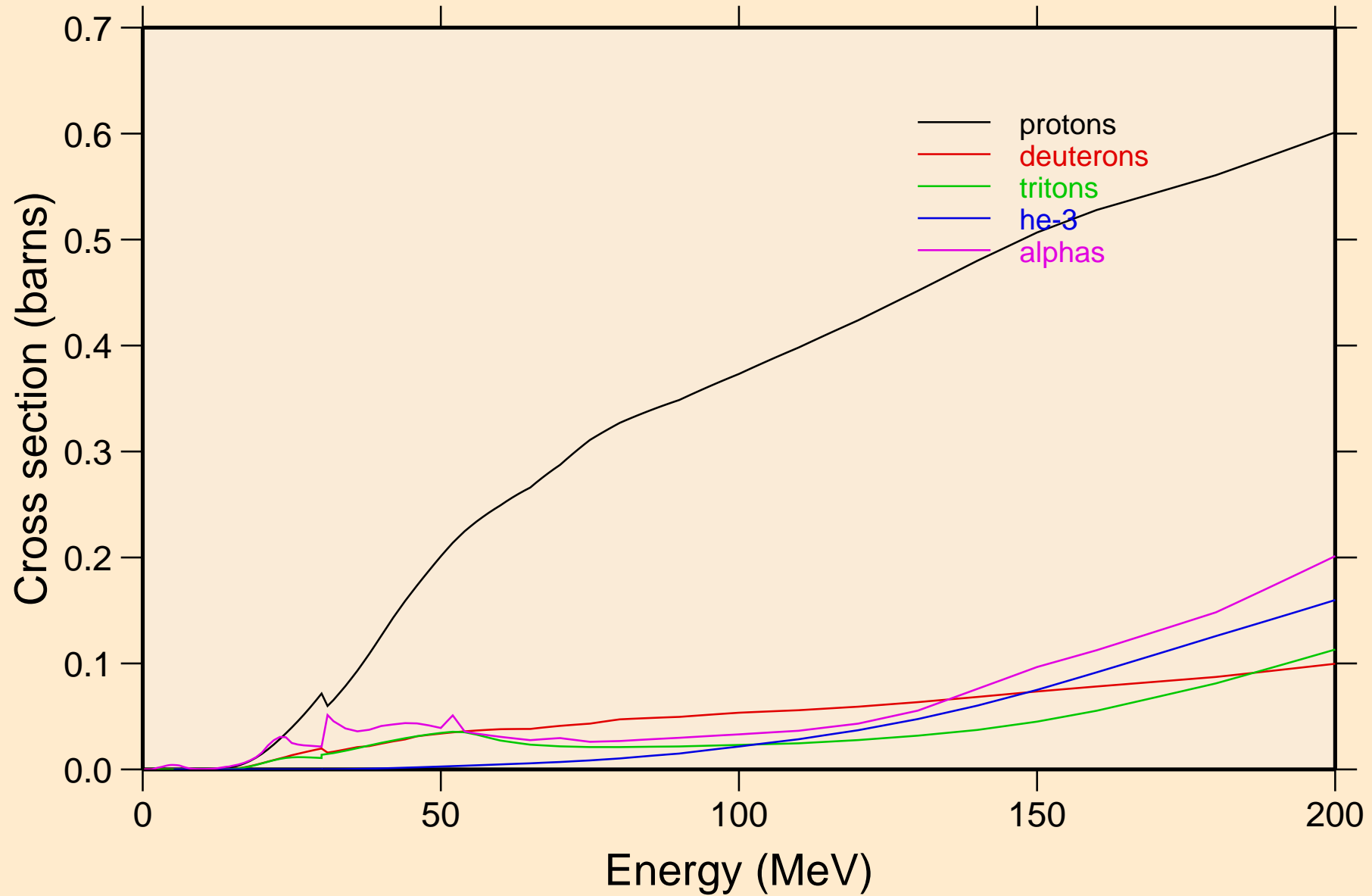


AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

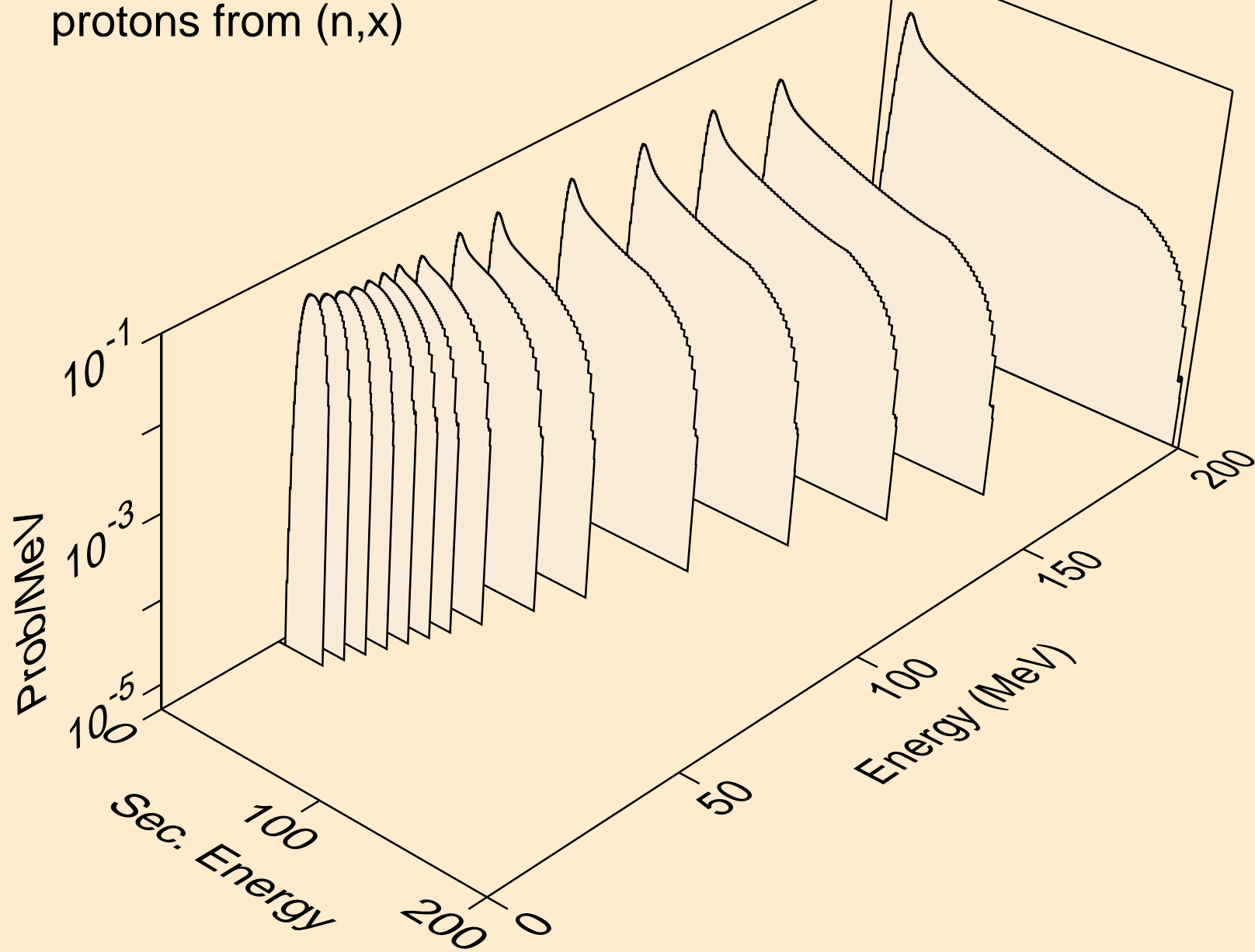


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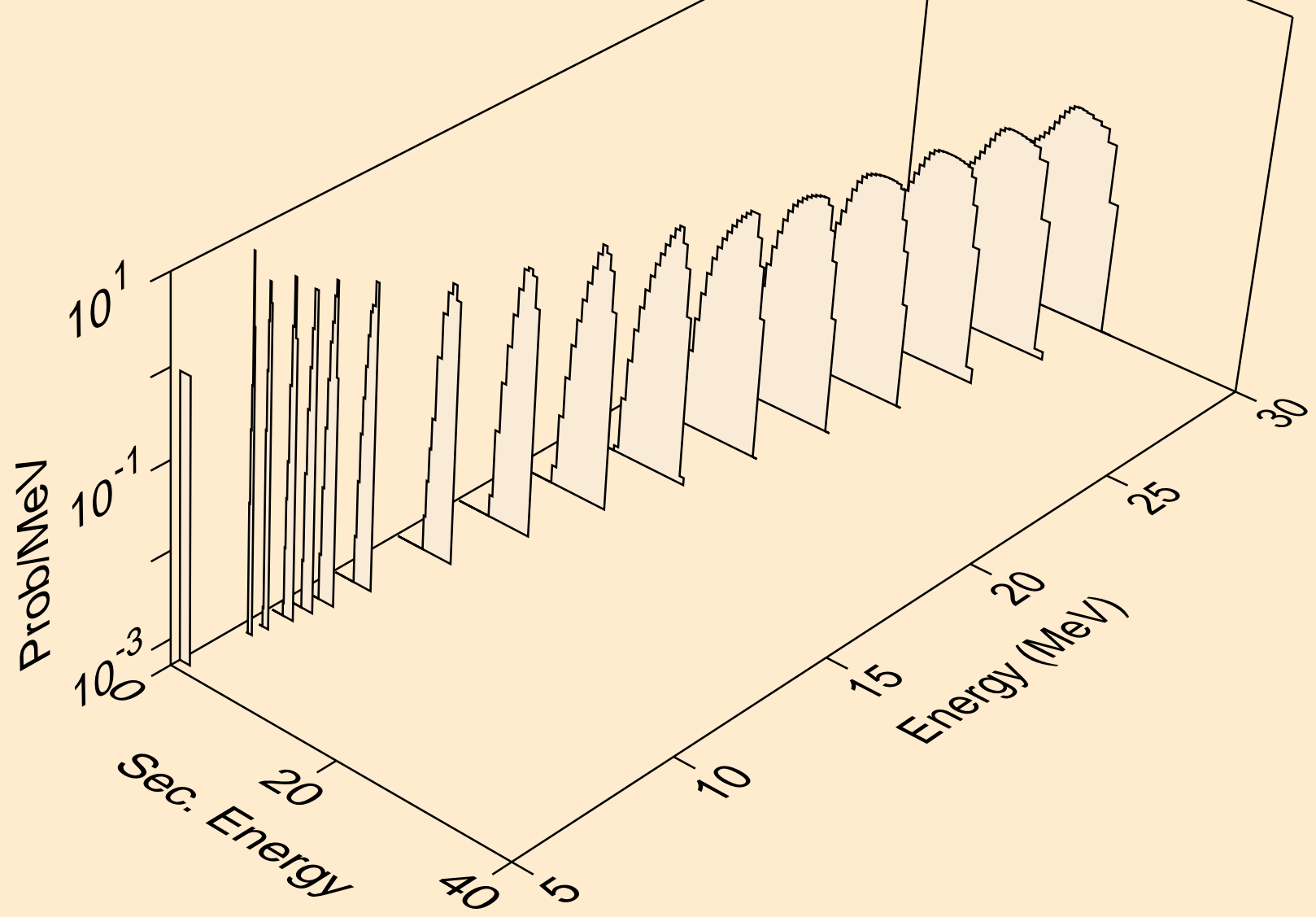
Particle production cross sections



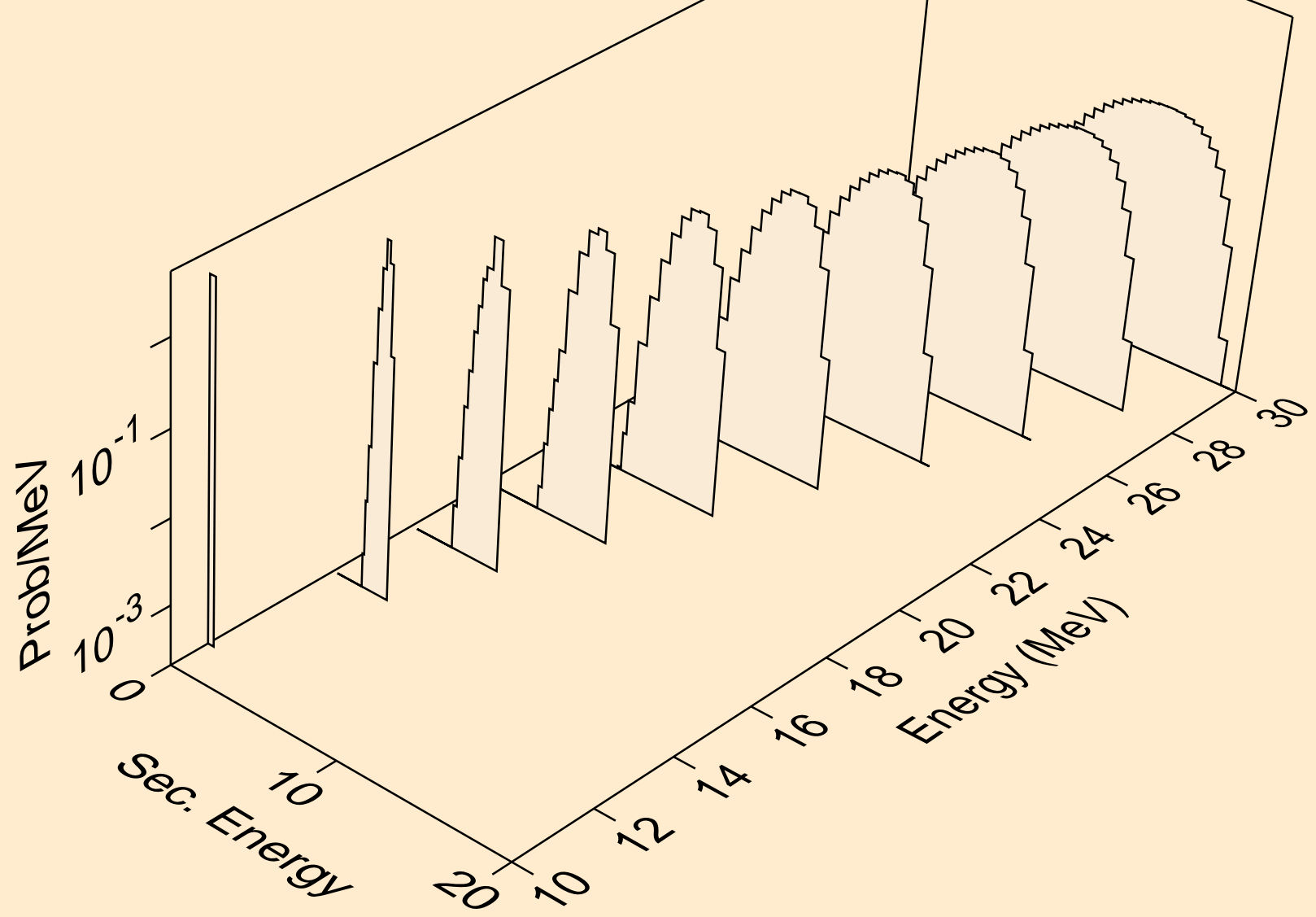
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



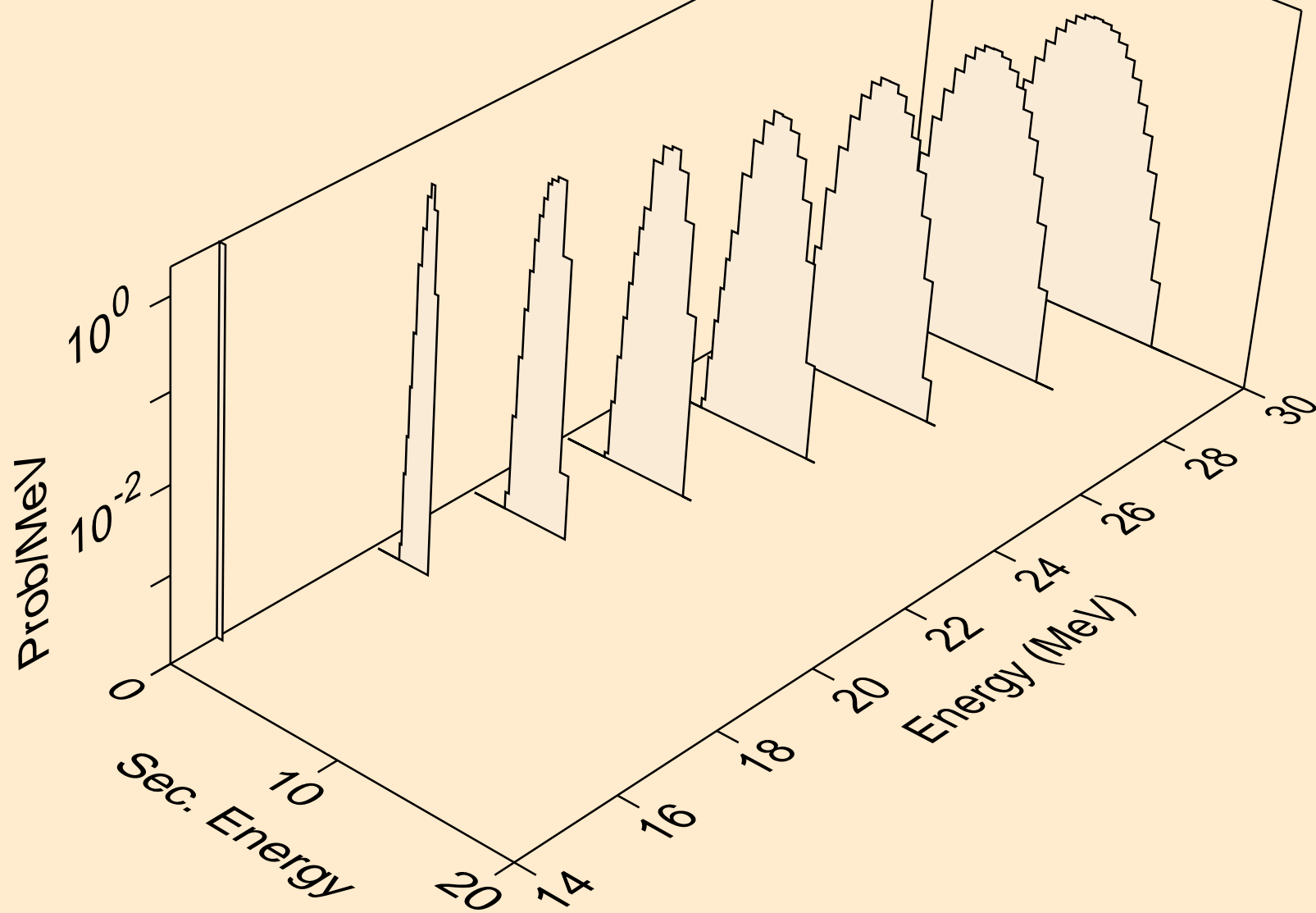
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



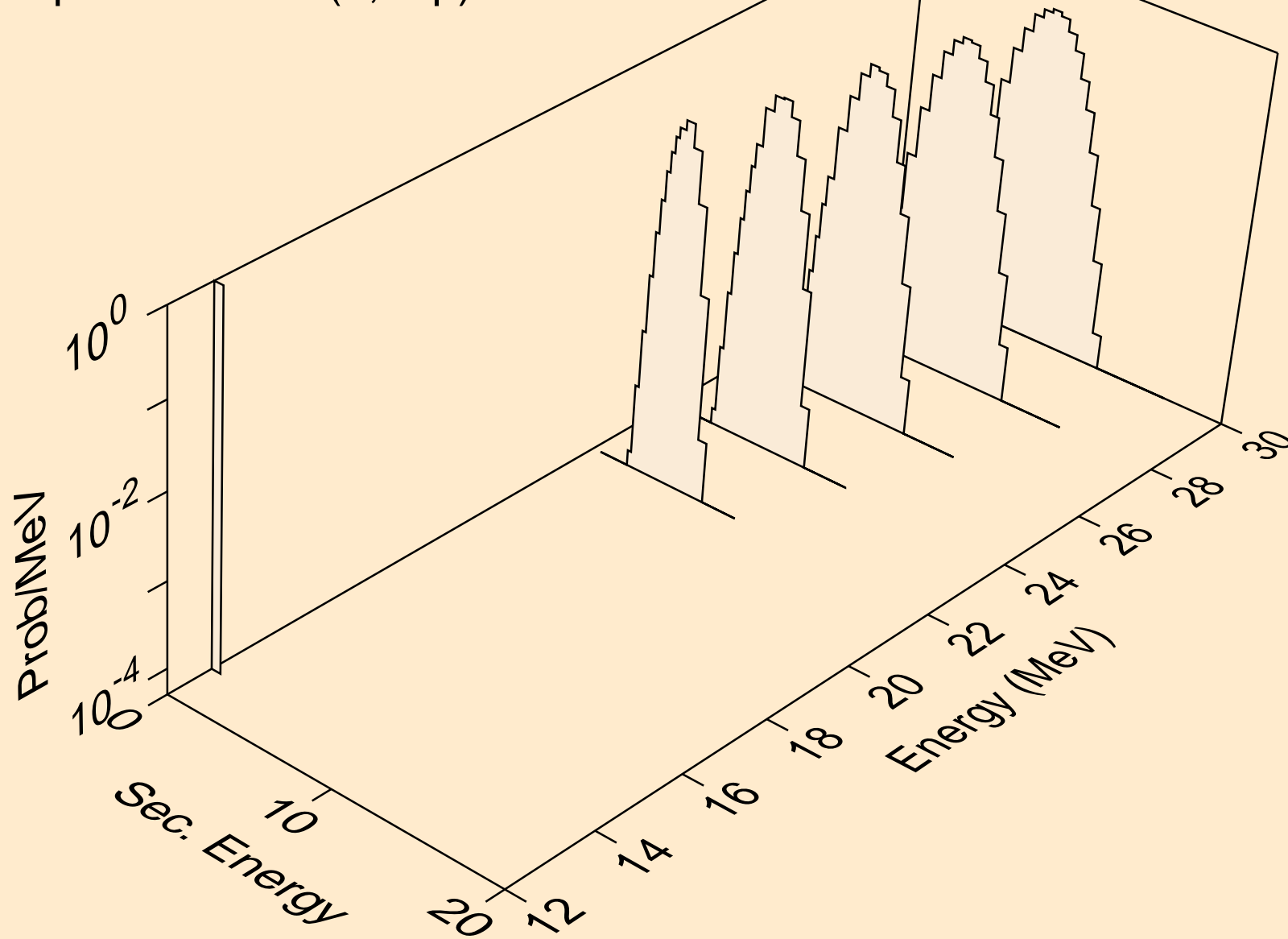
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protons from (n,2np)



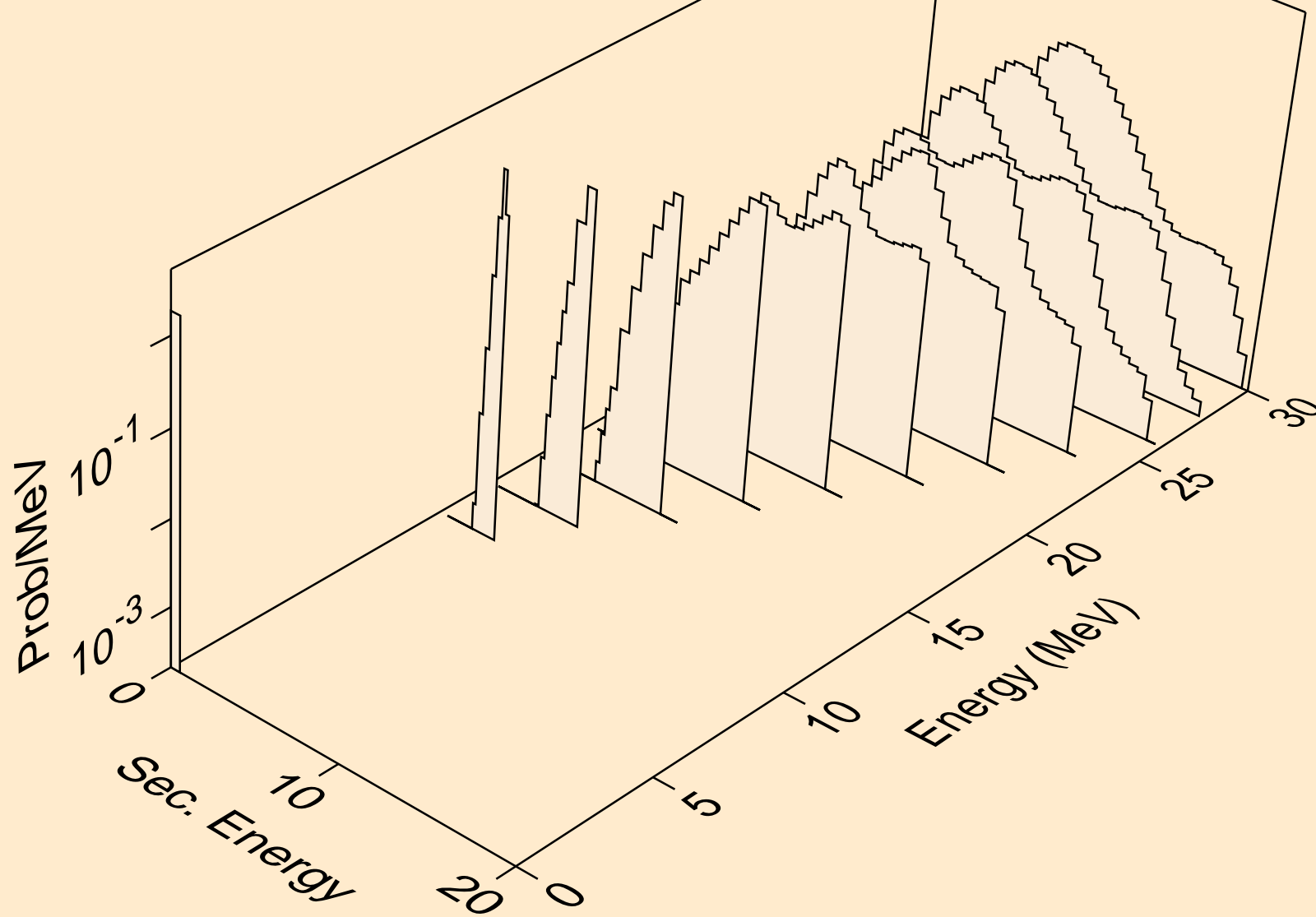
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,3np)



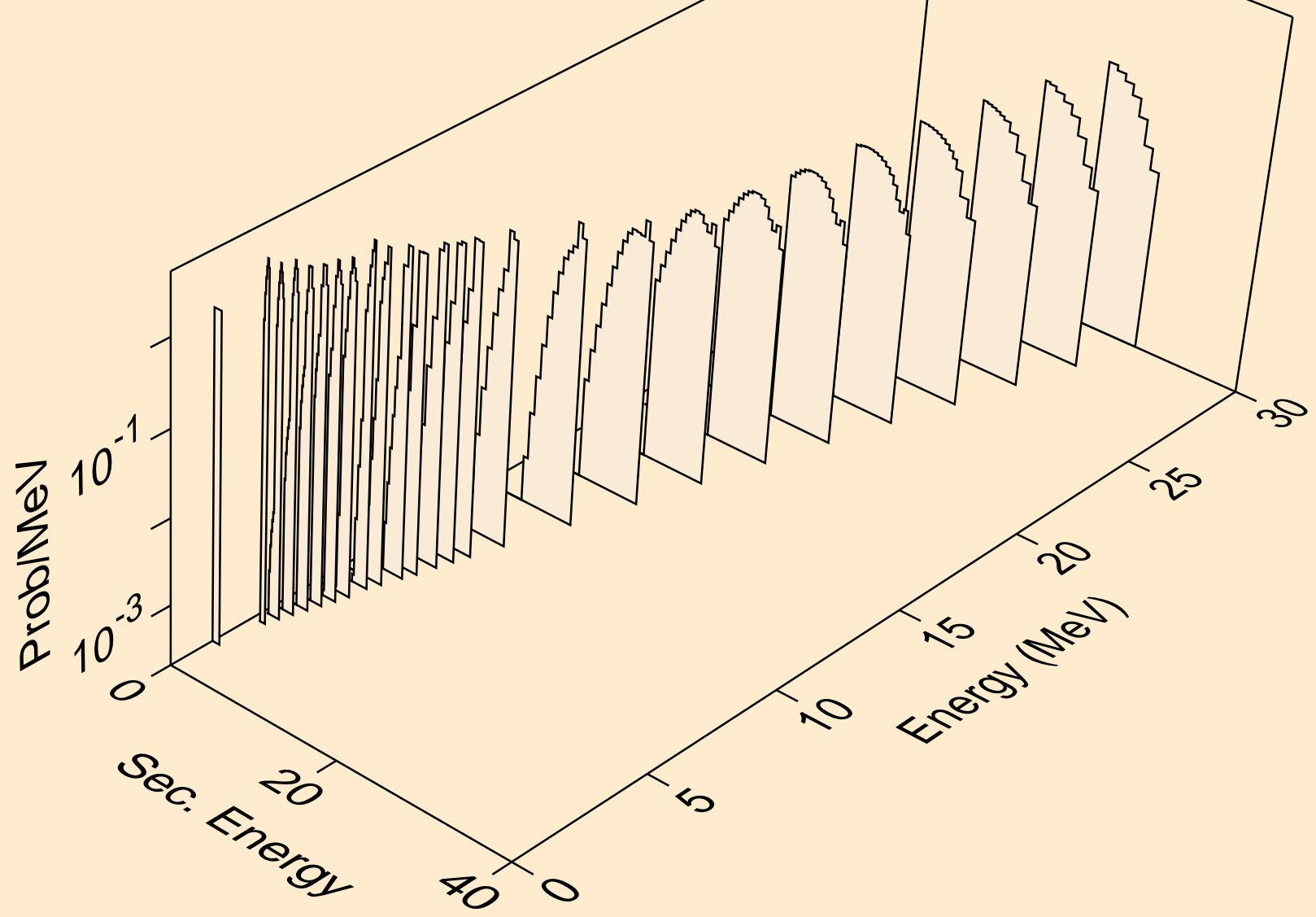
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protons from (n,n2p)



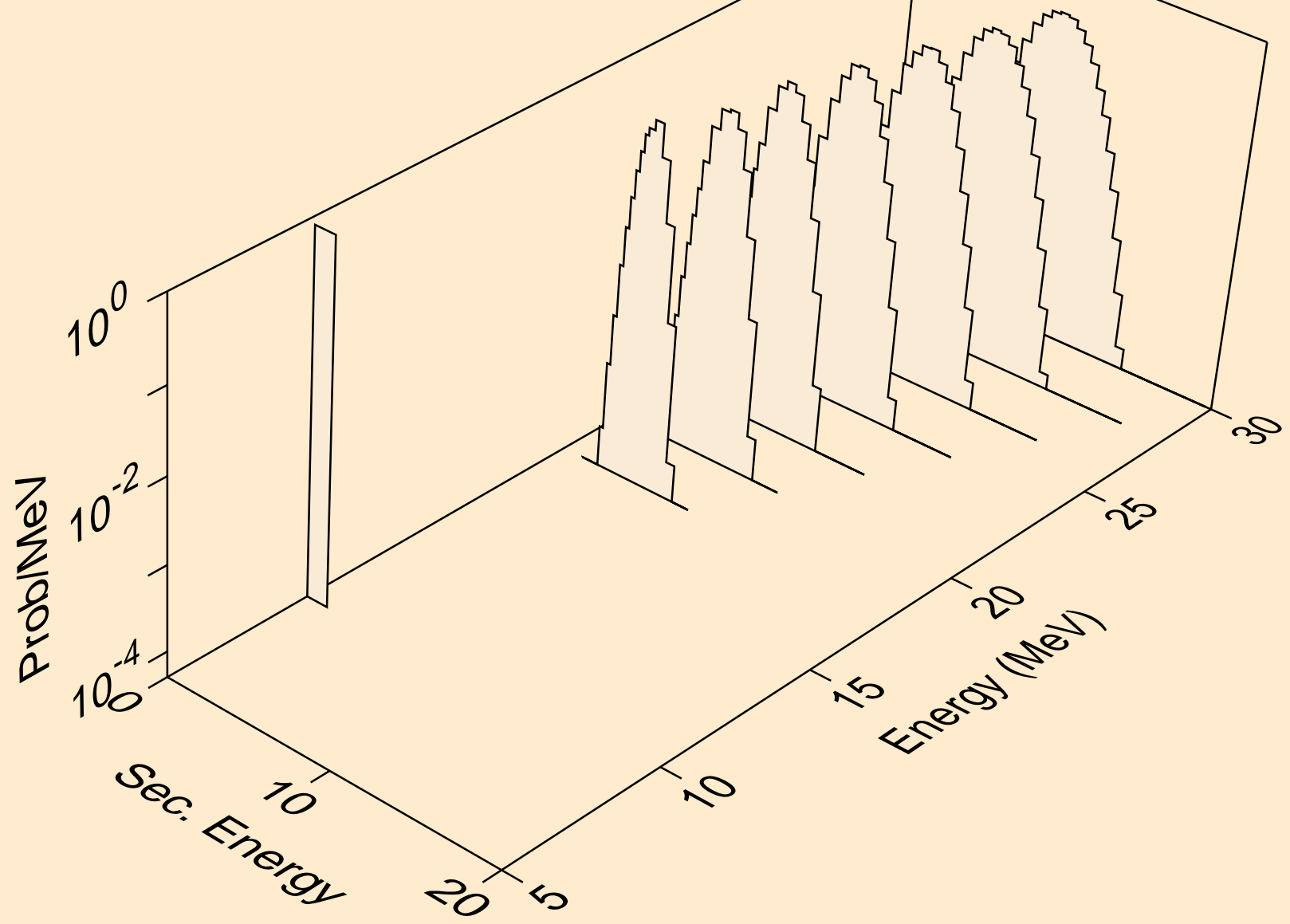
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,npa)



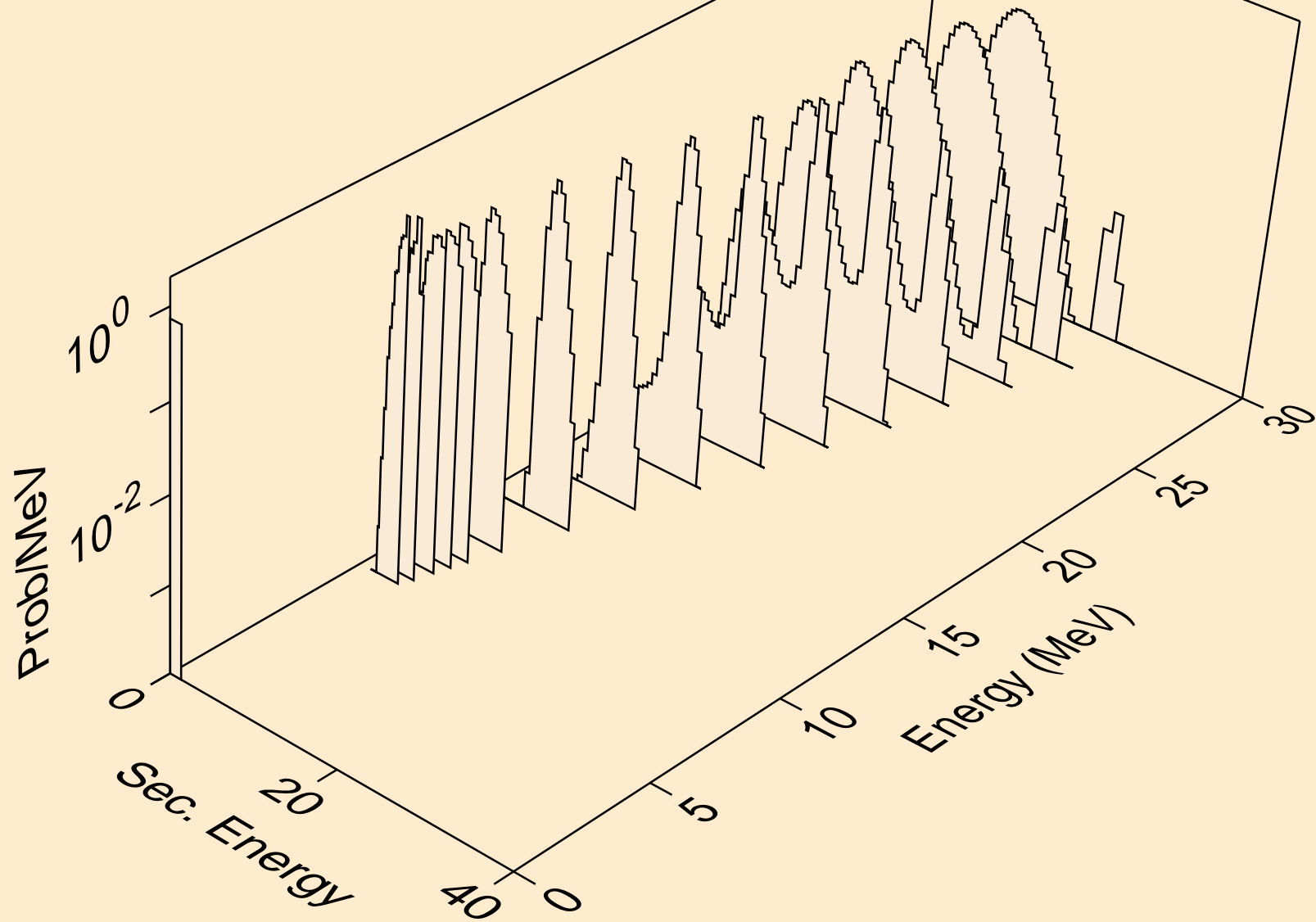
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



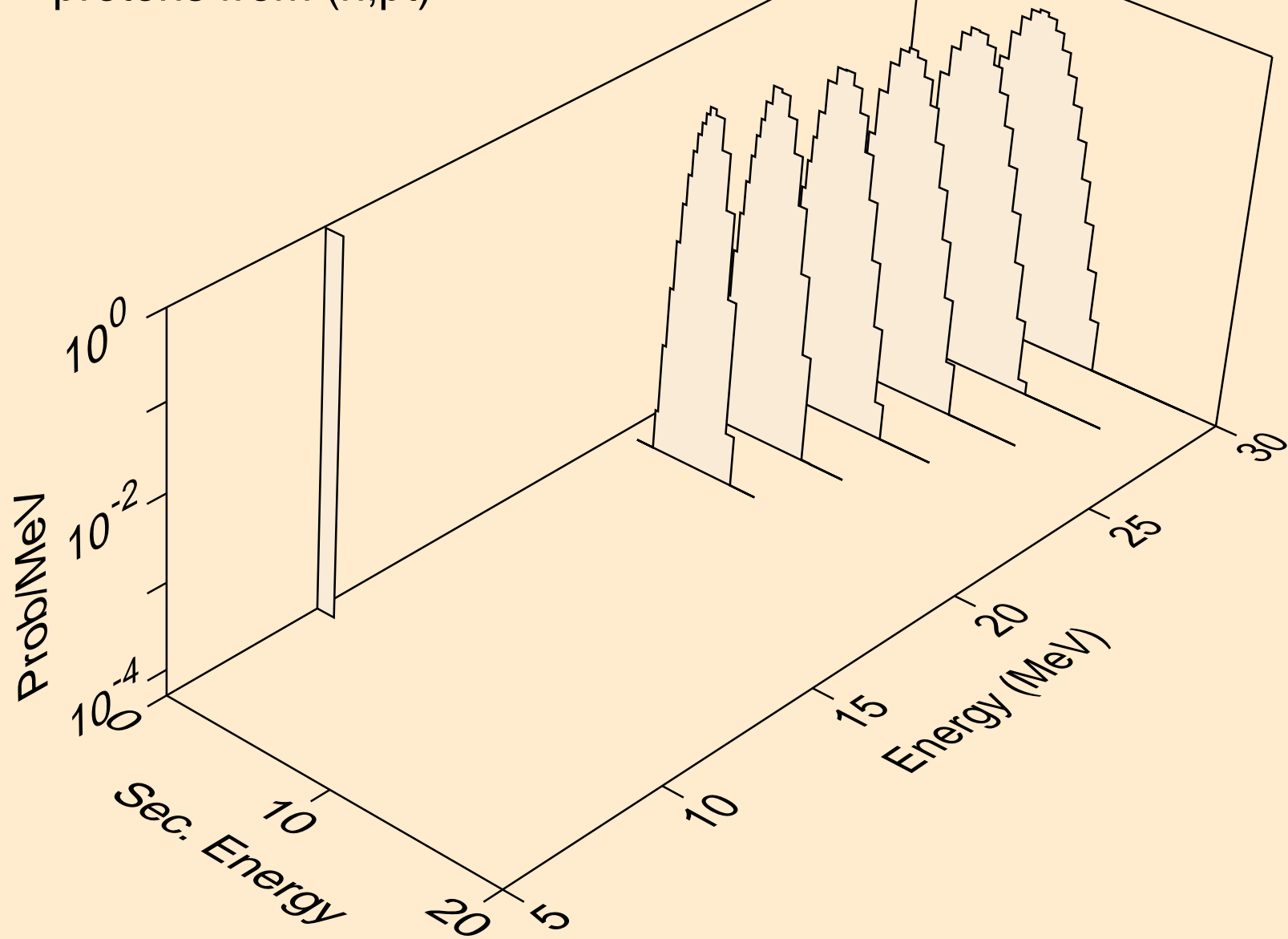
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protons from (n,2p)



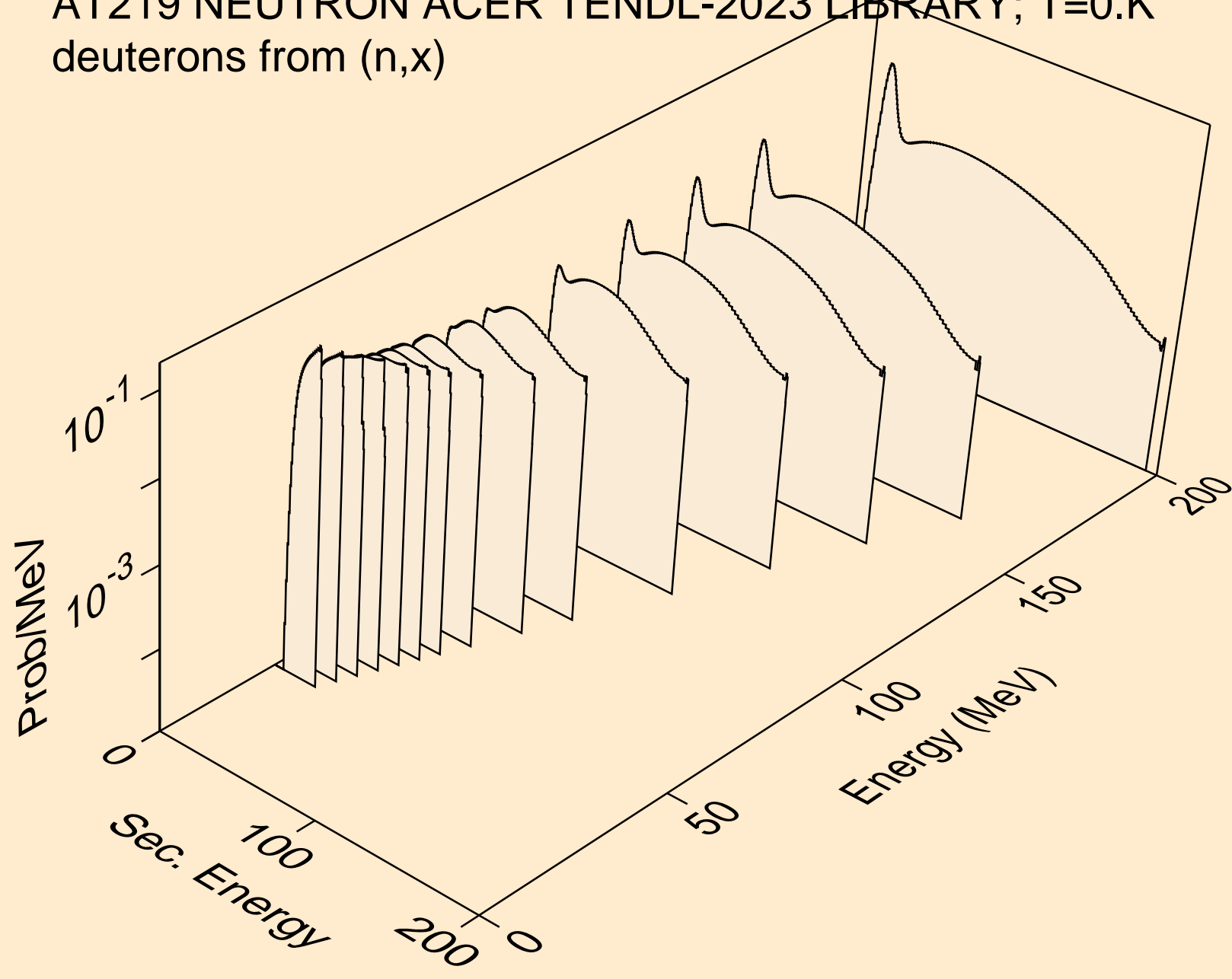
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



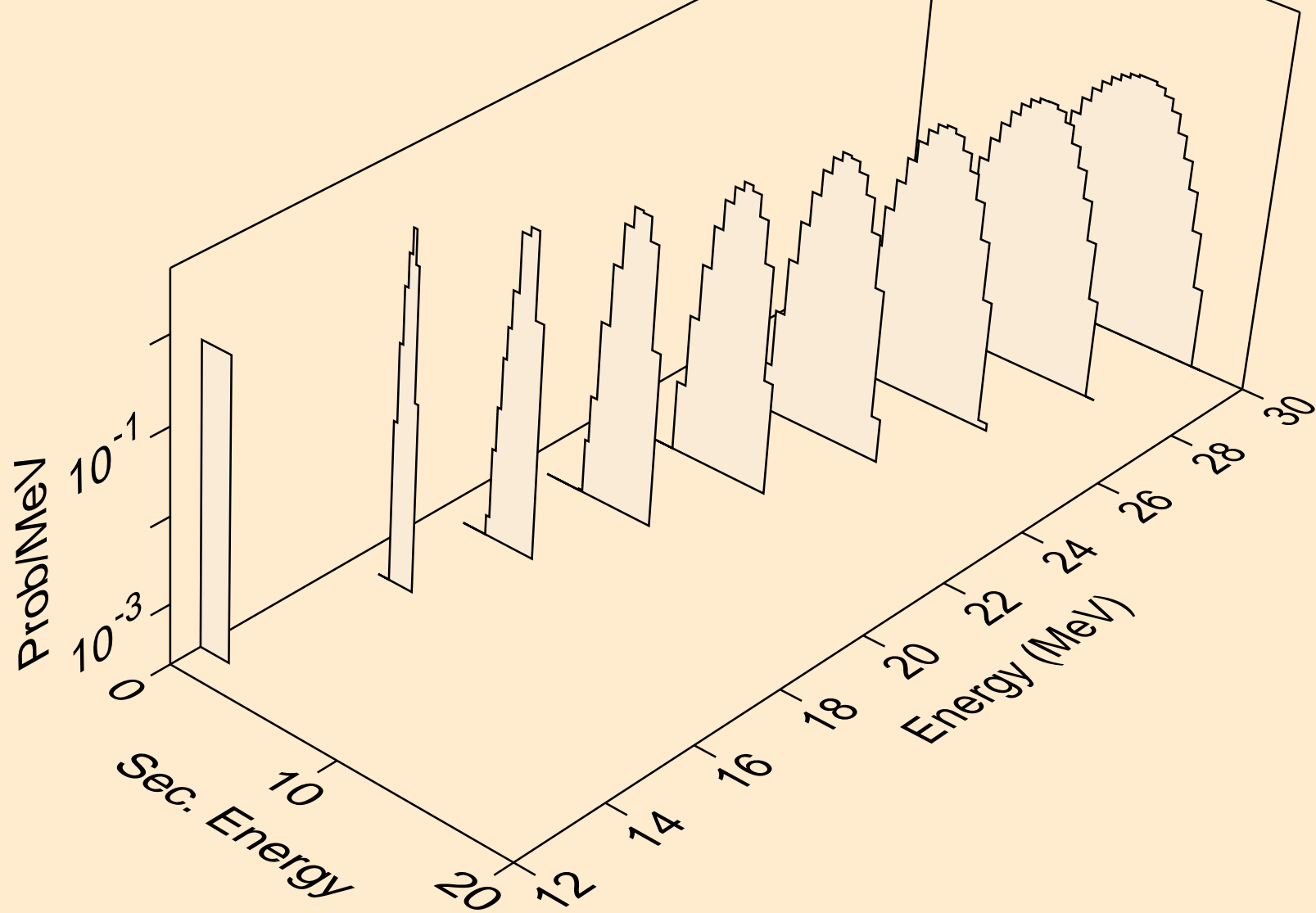
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protons from (n,pt)



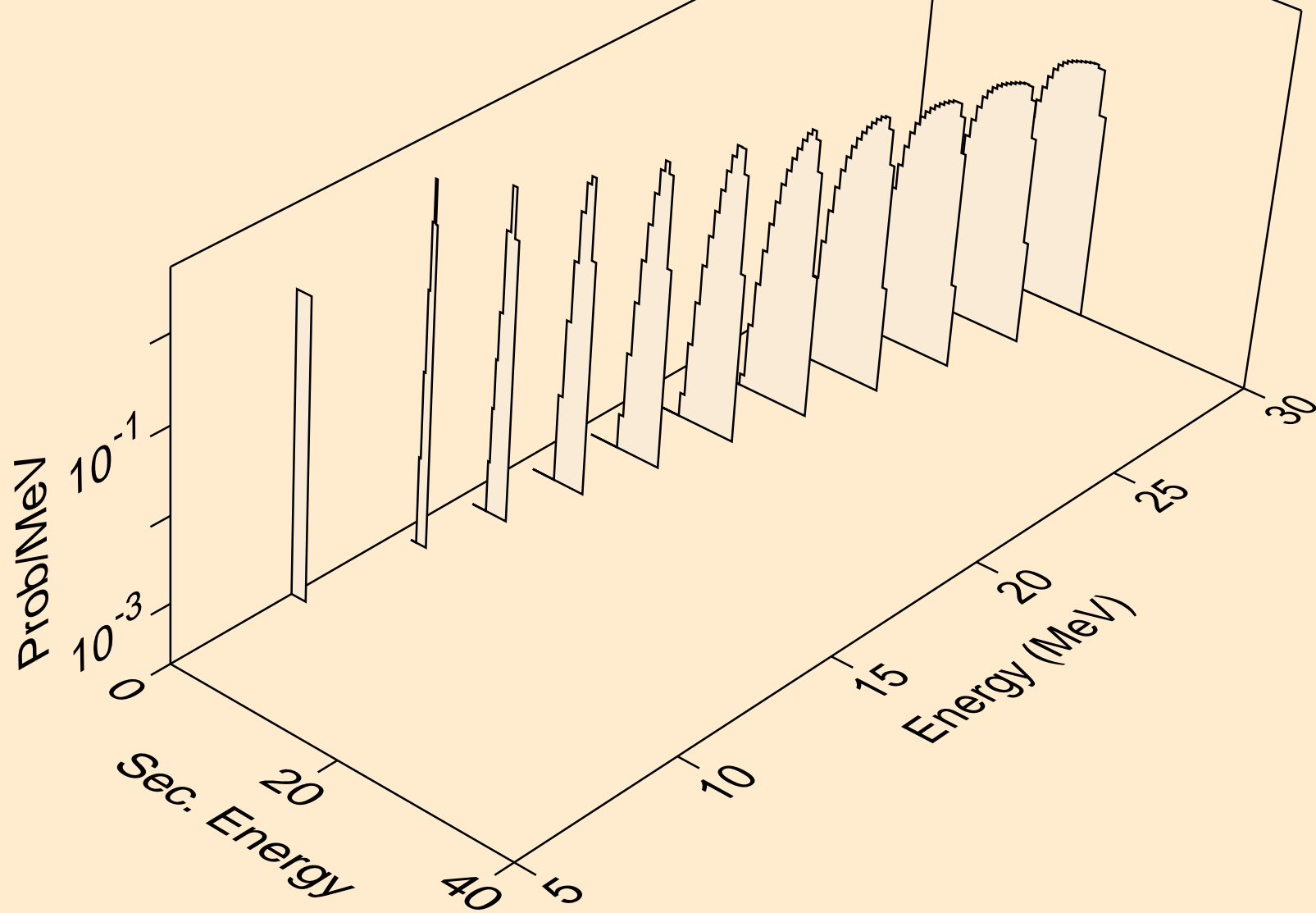
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



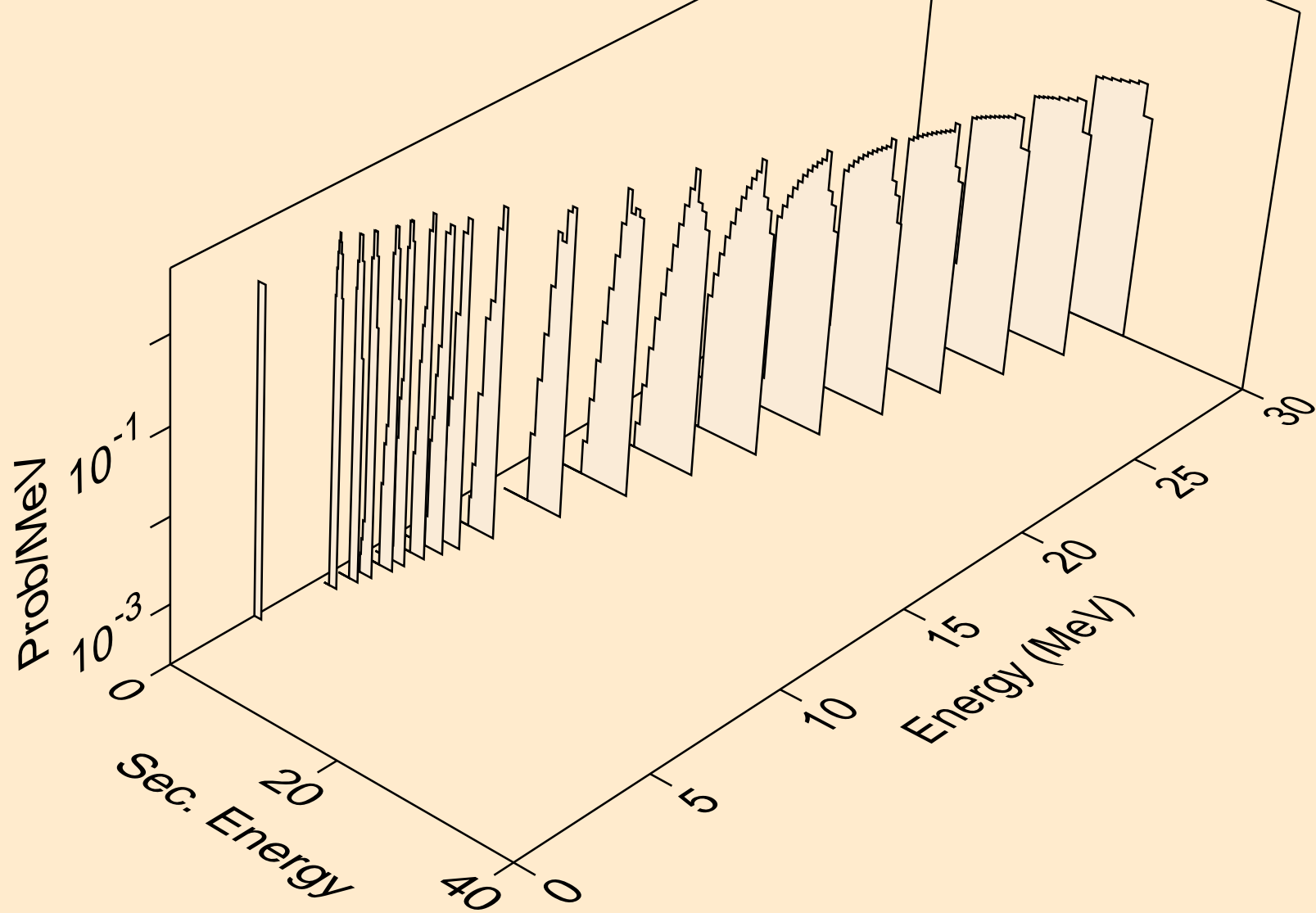
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deuterons from (n,2nd)



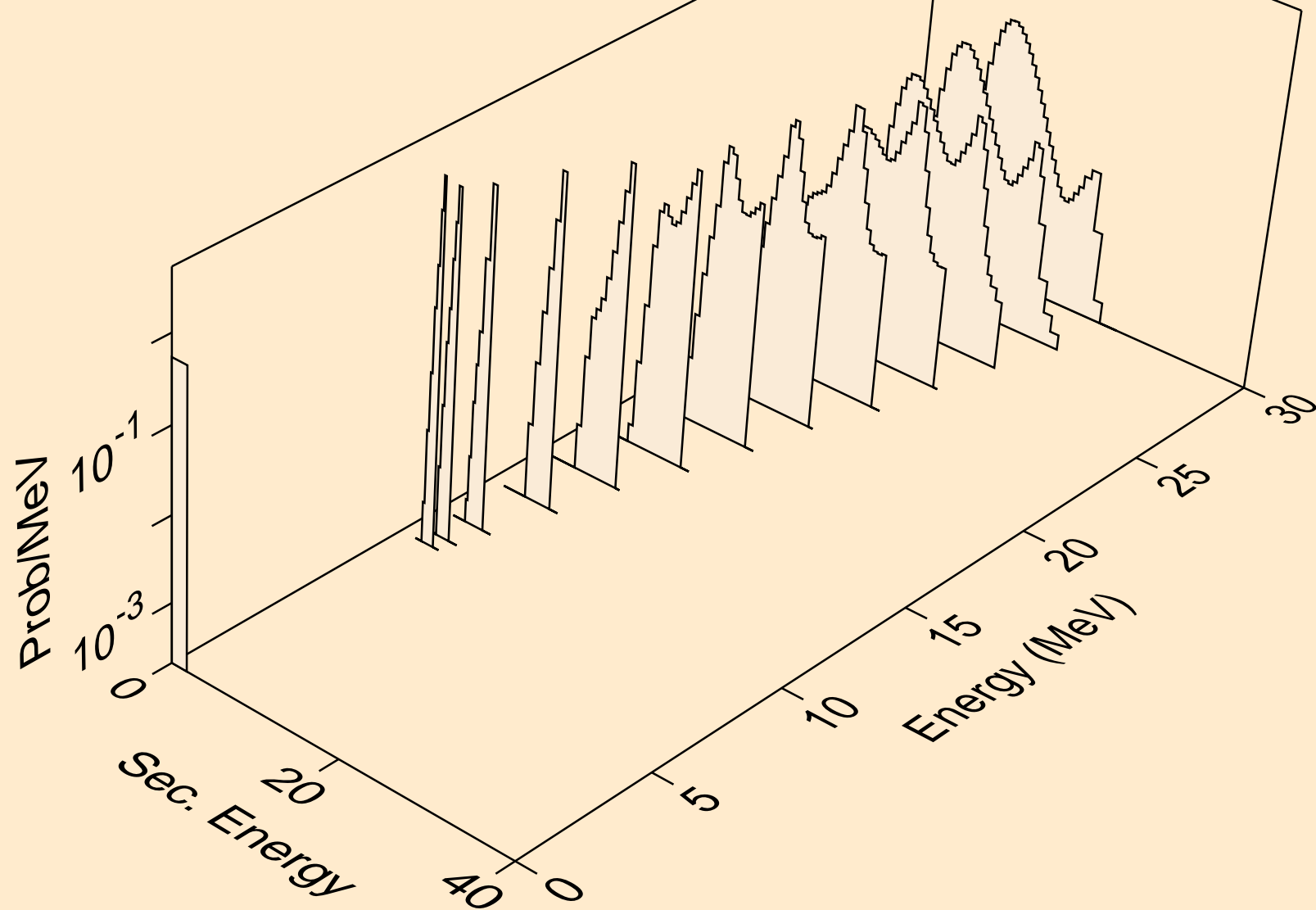
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



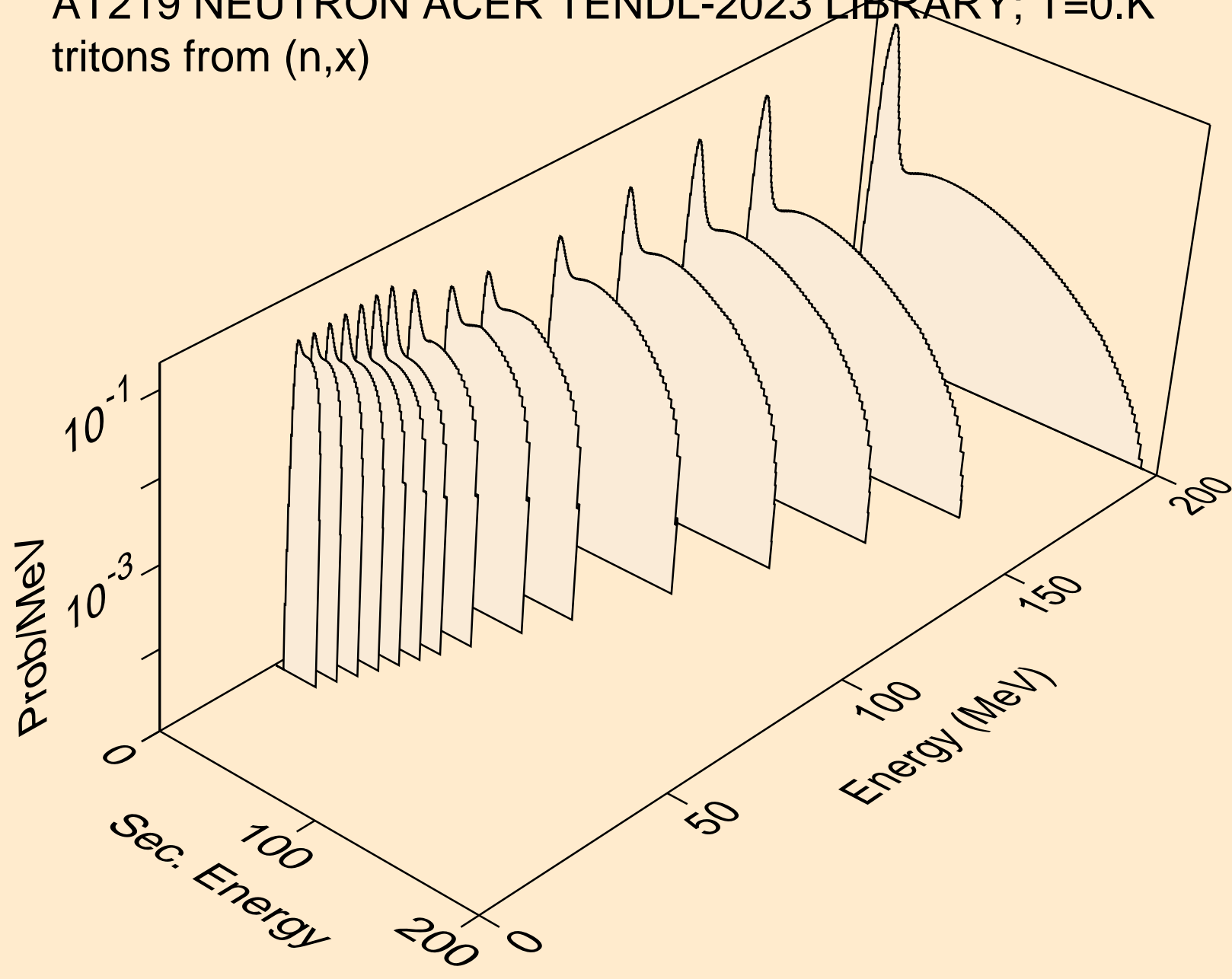
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d)



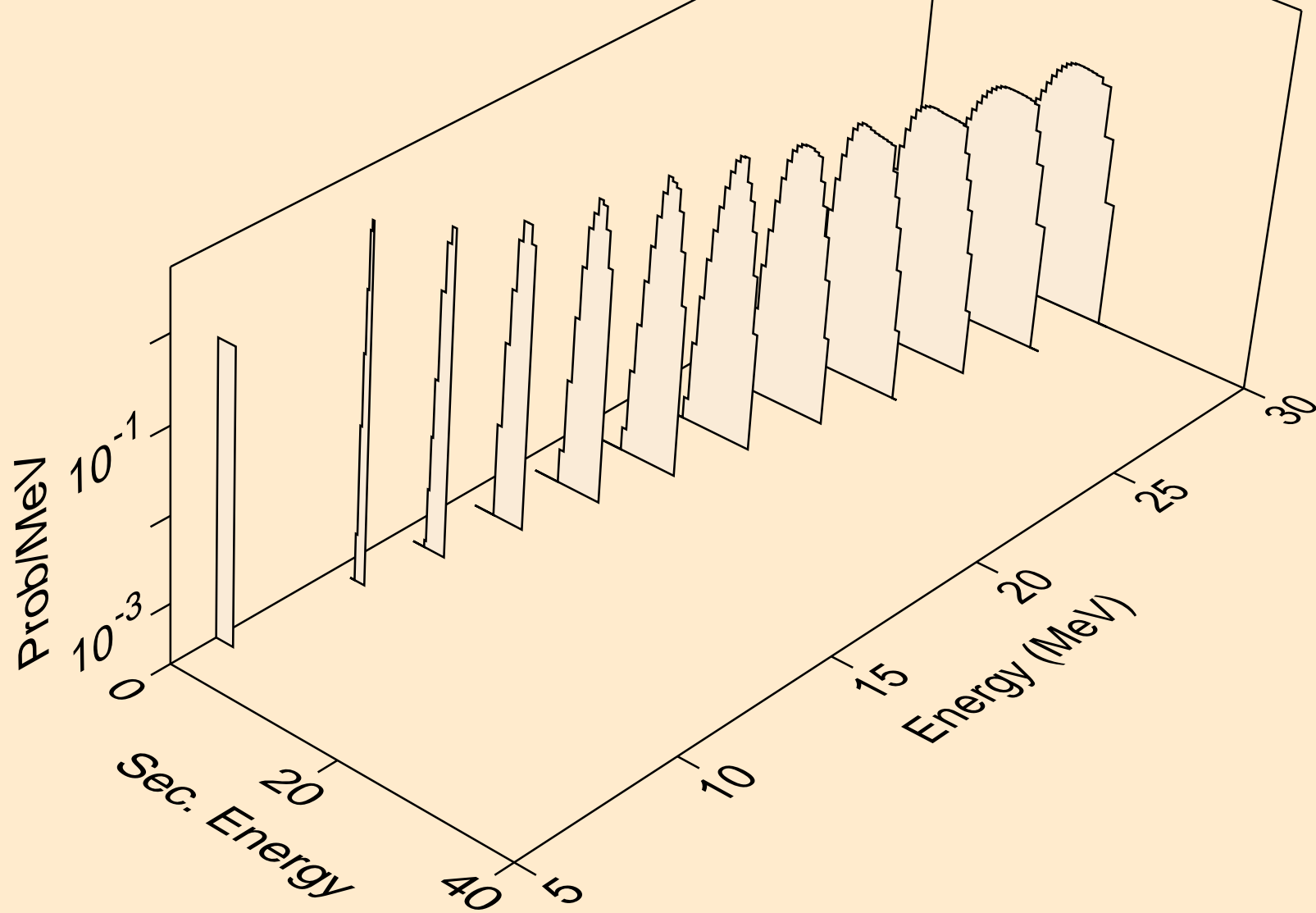
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,da)



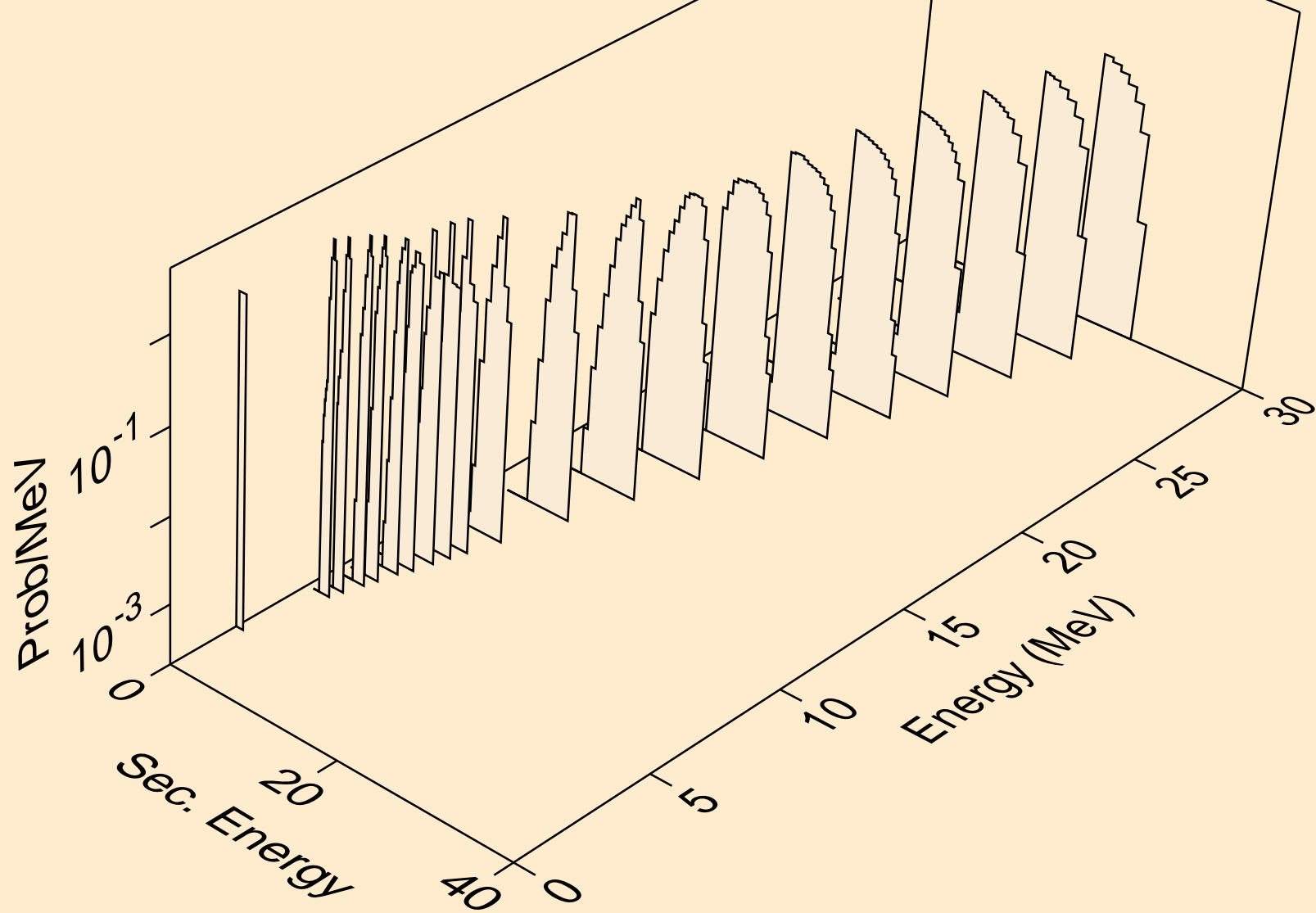
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



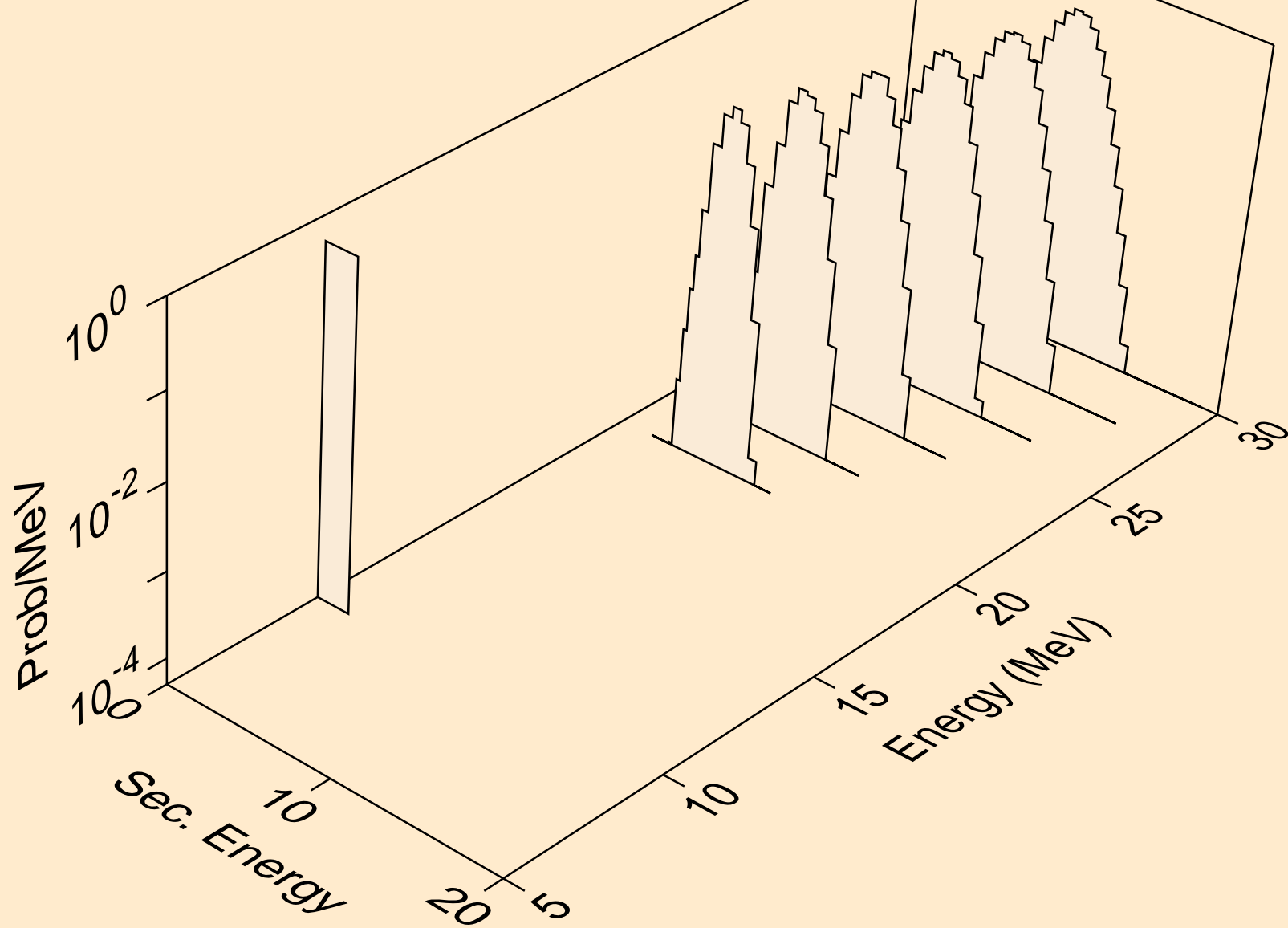
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



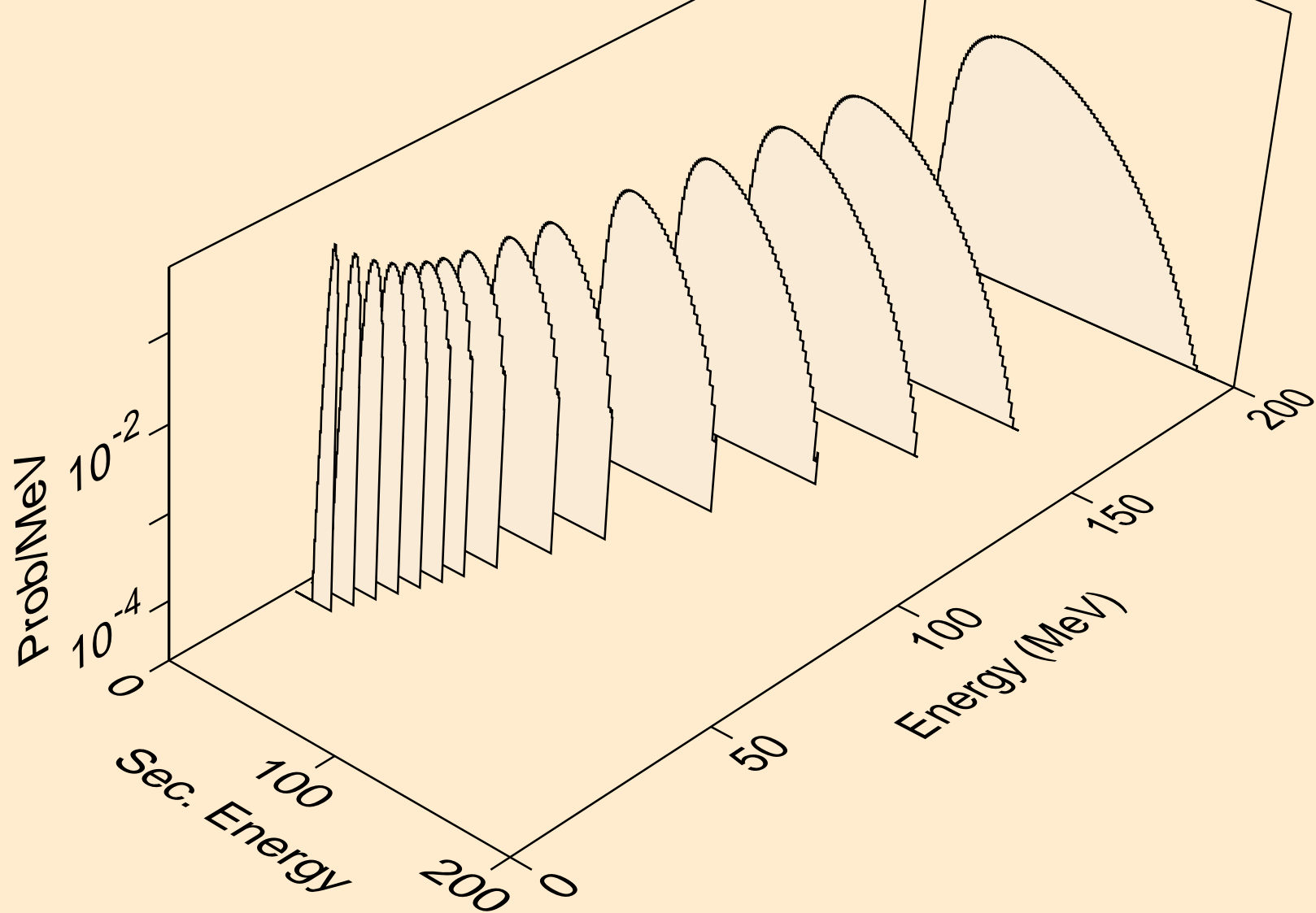
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tritons from (n,t)



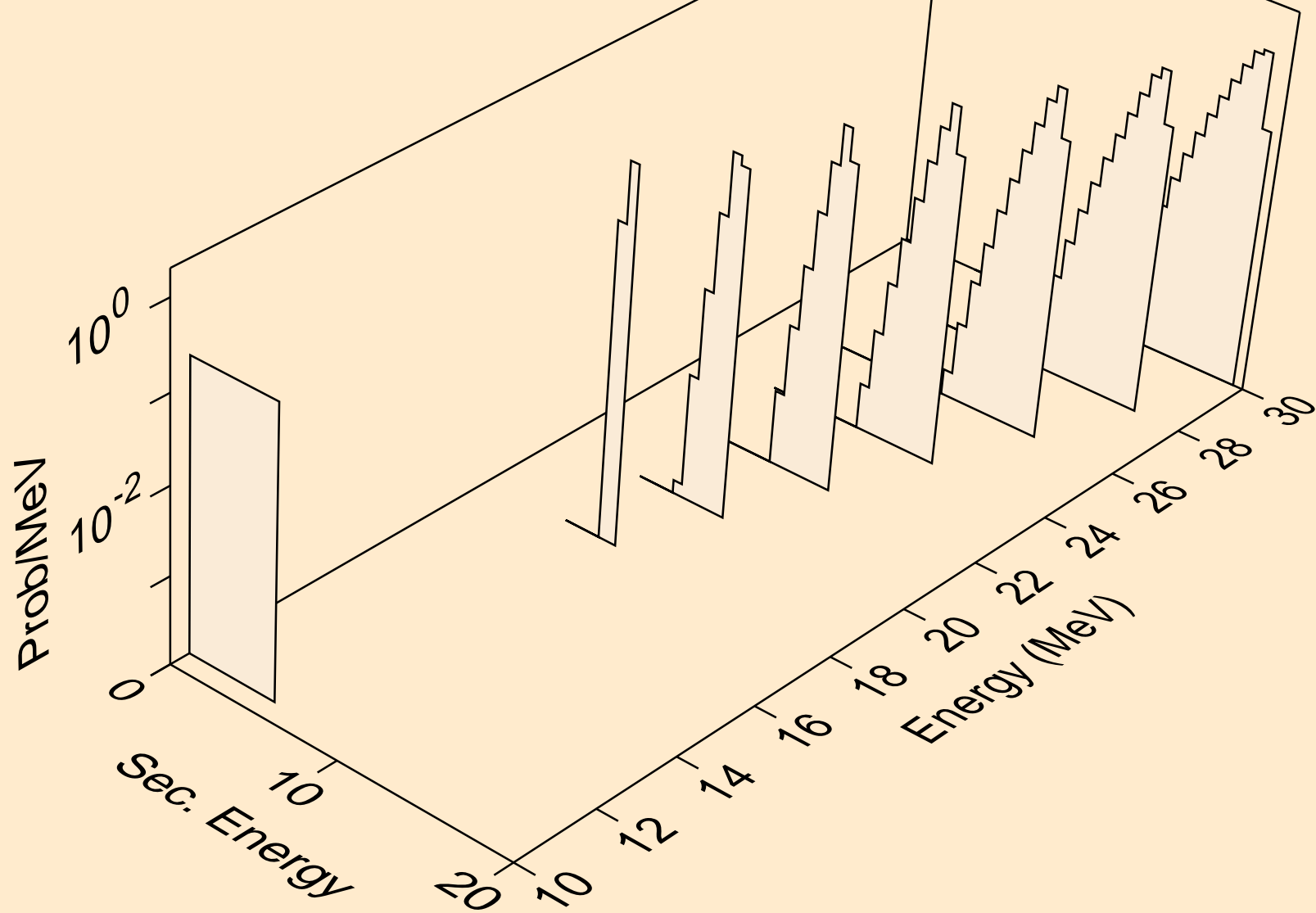
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tritons from (n,pt)



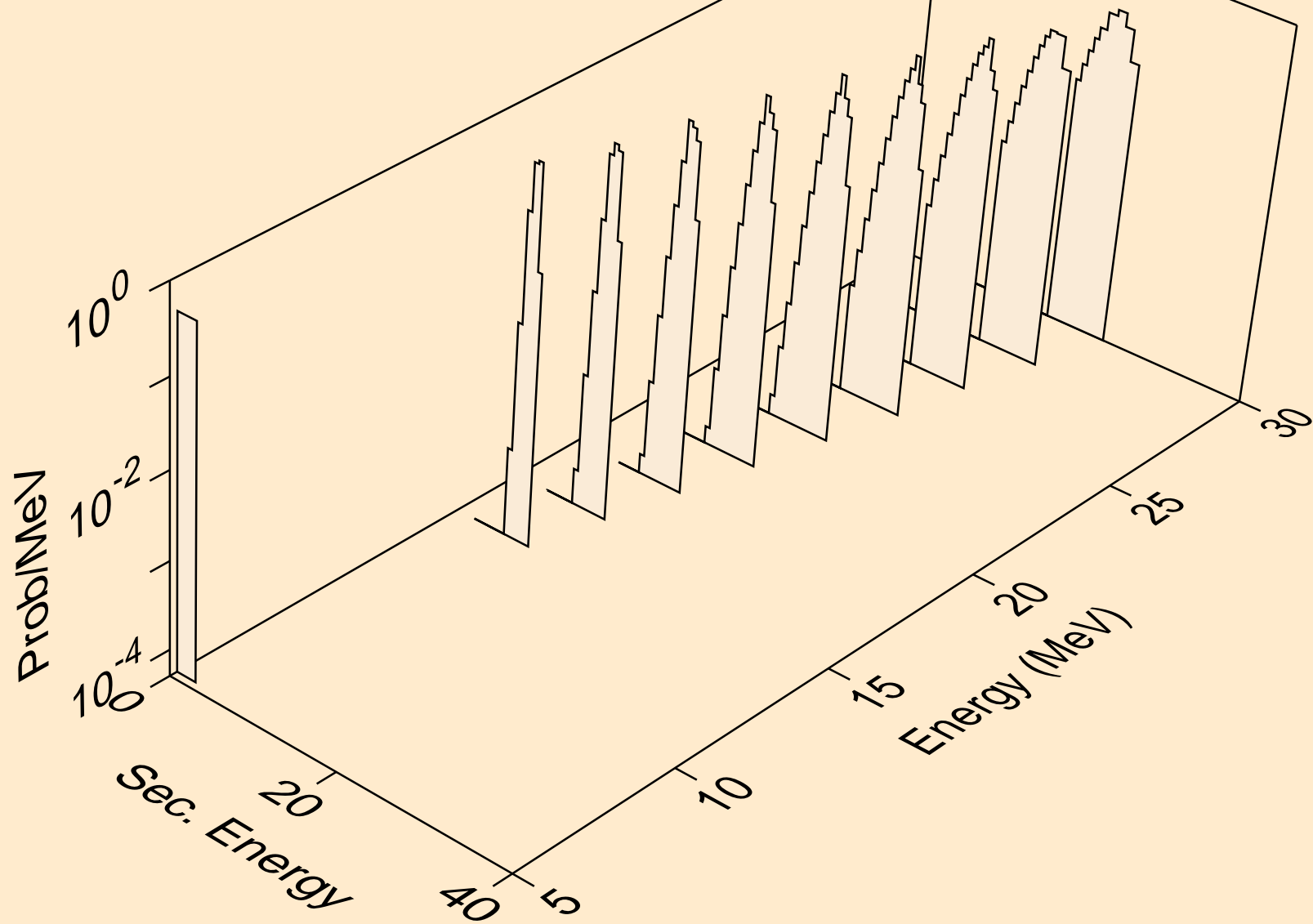
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



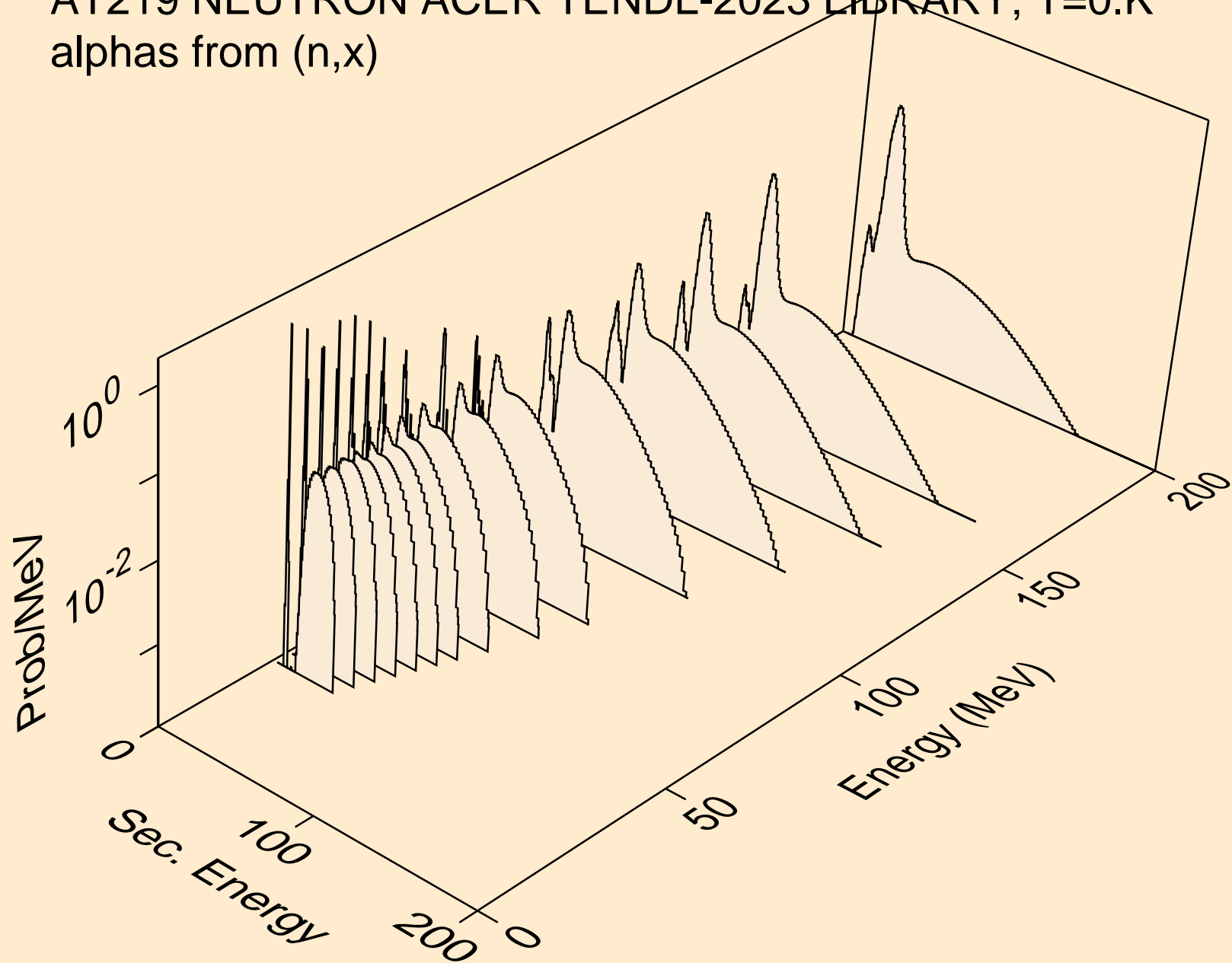
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he3s from (n,n*)he3



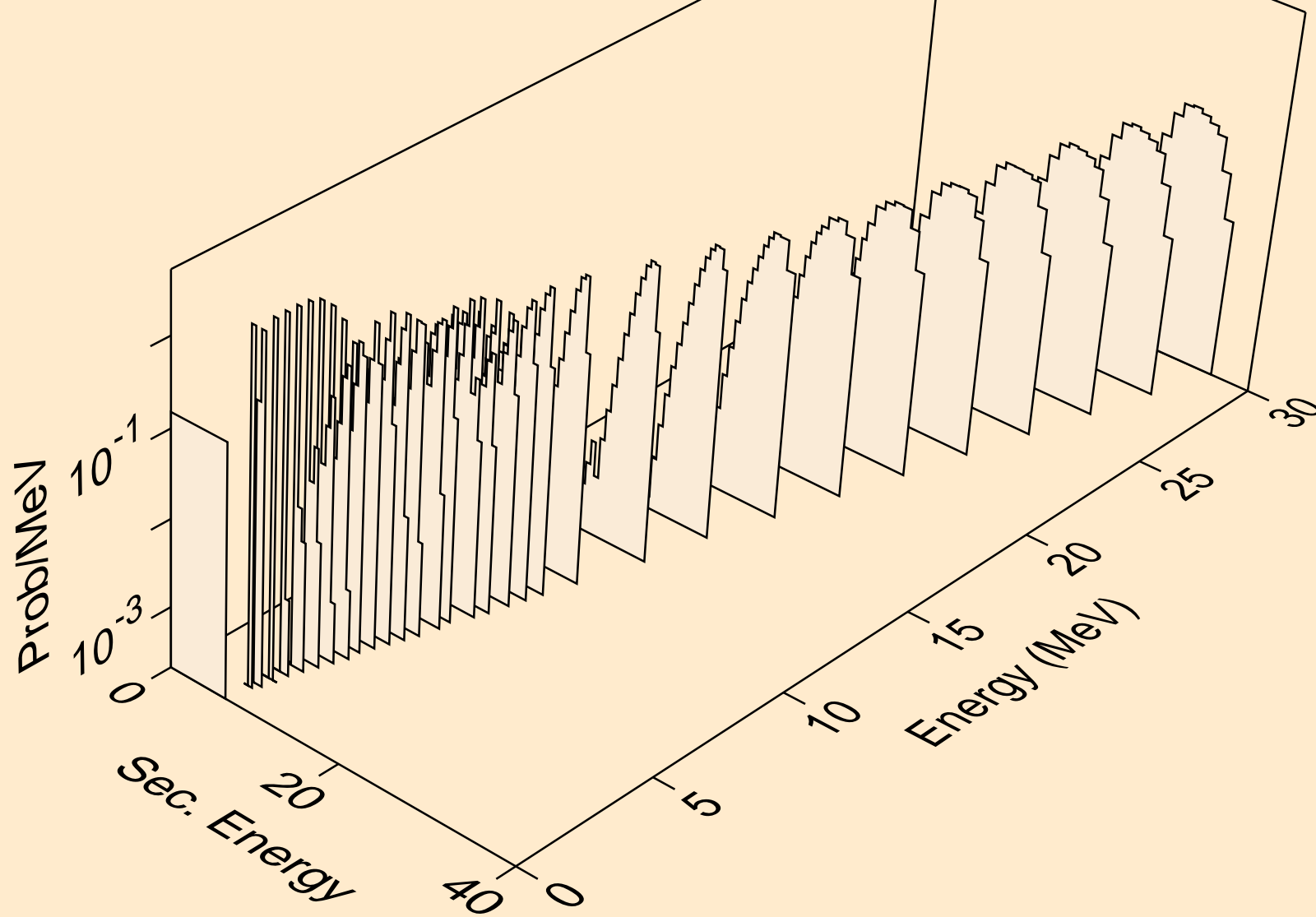
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he3s from (n,he3)



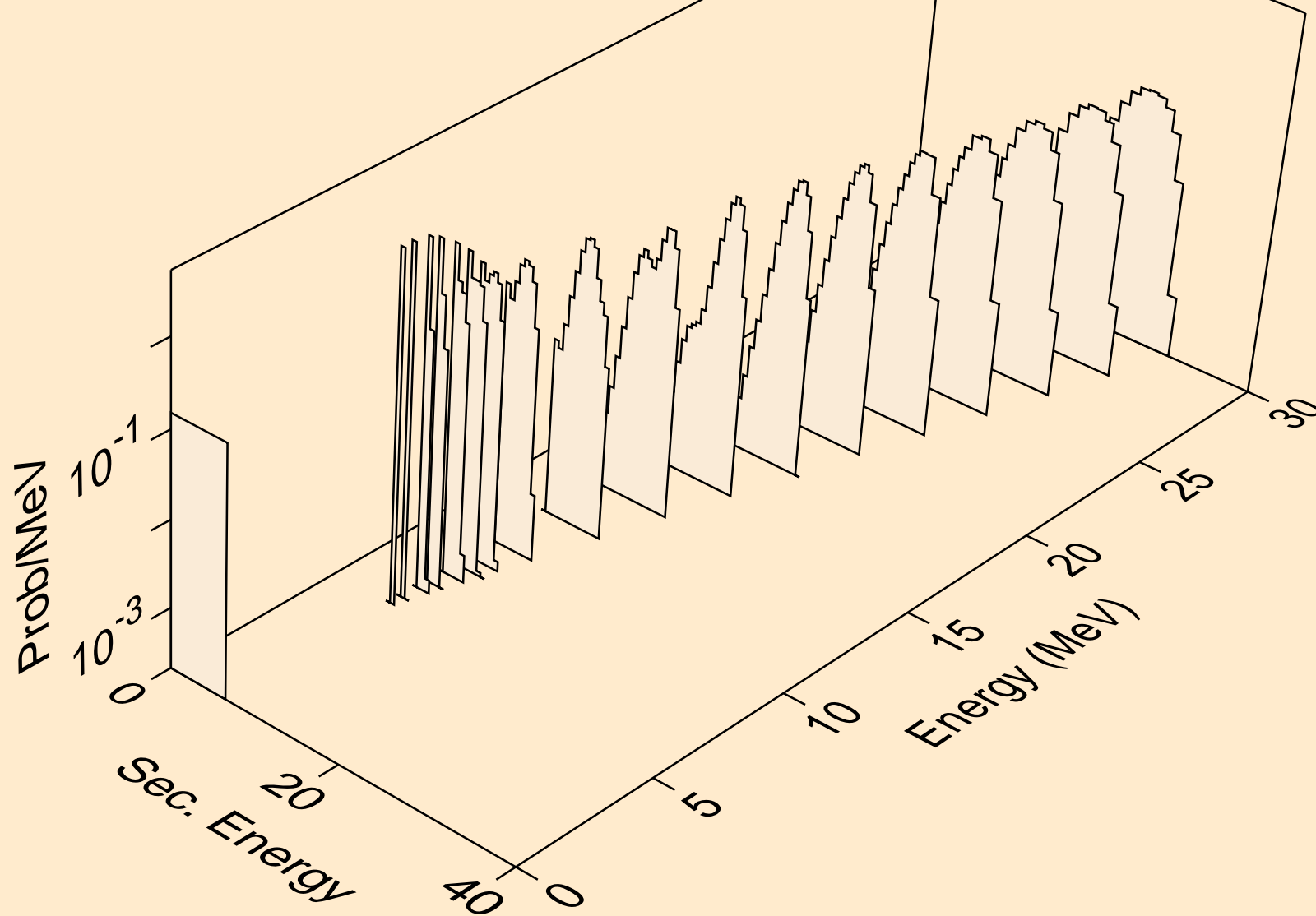
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



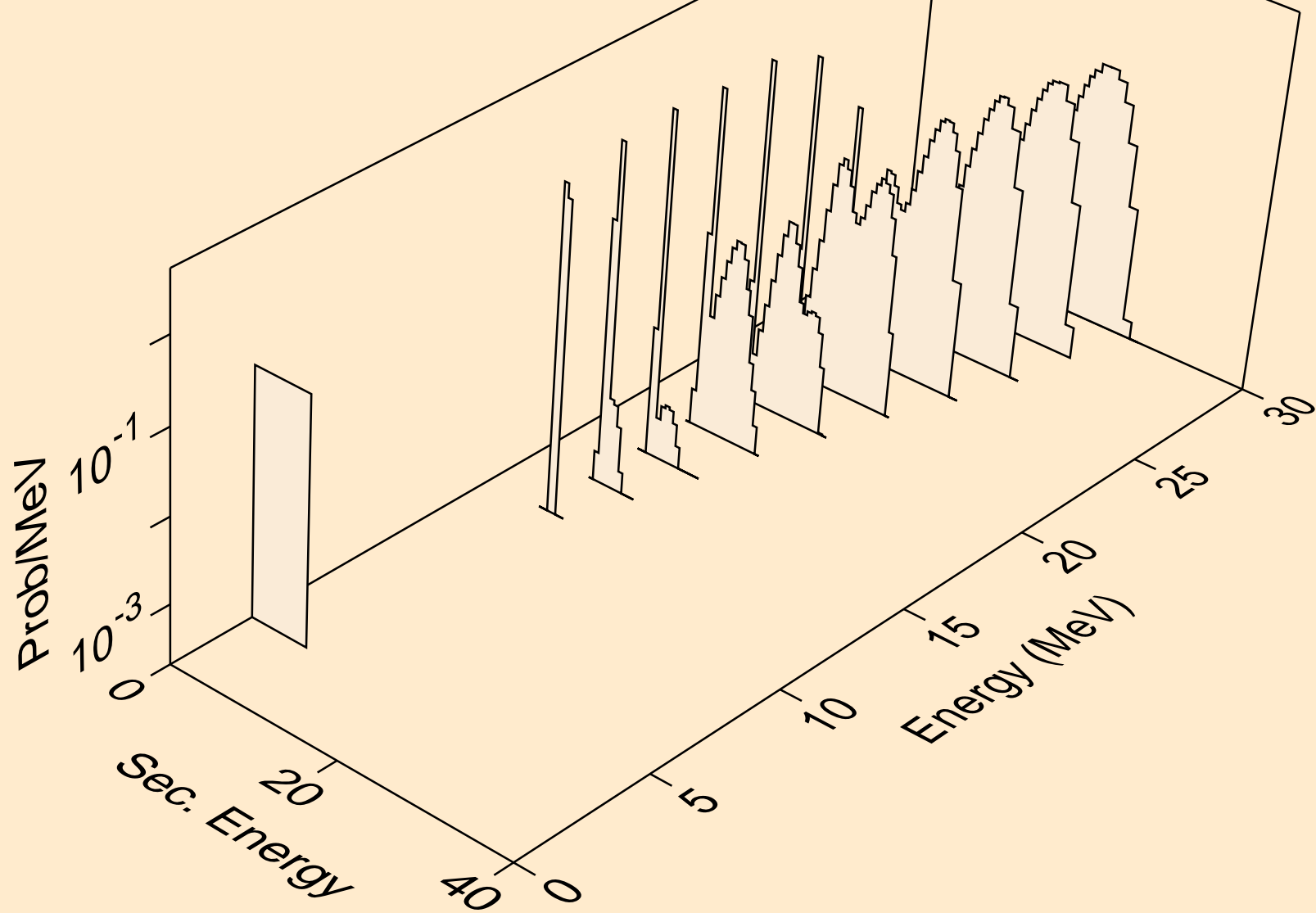
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



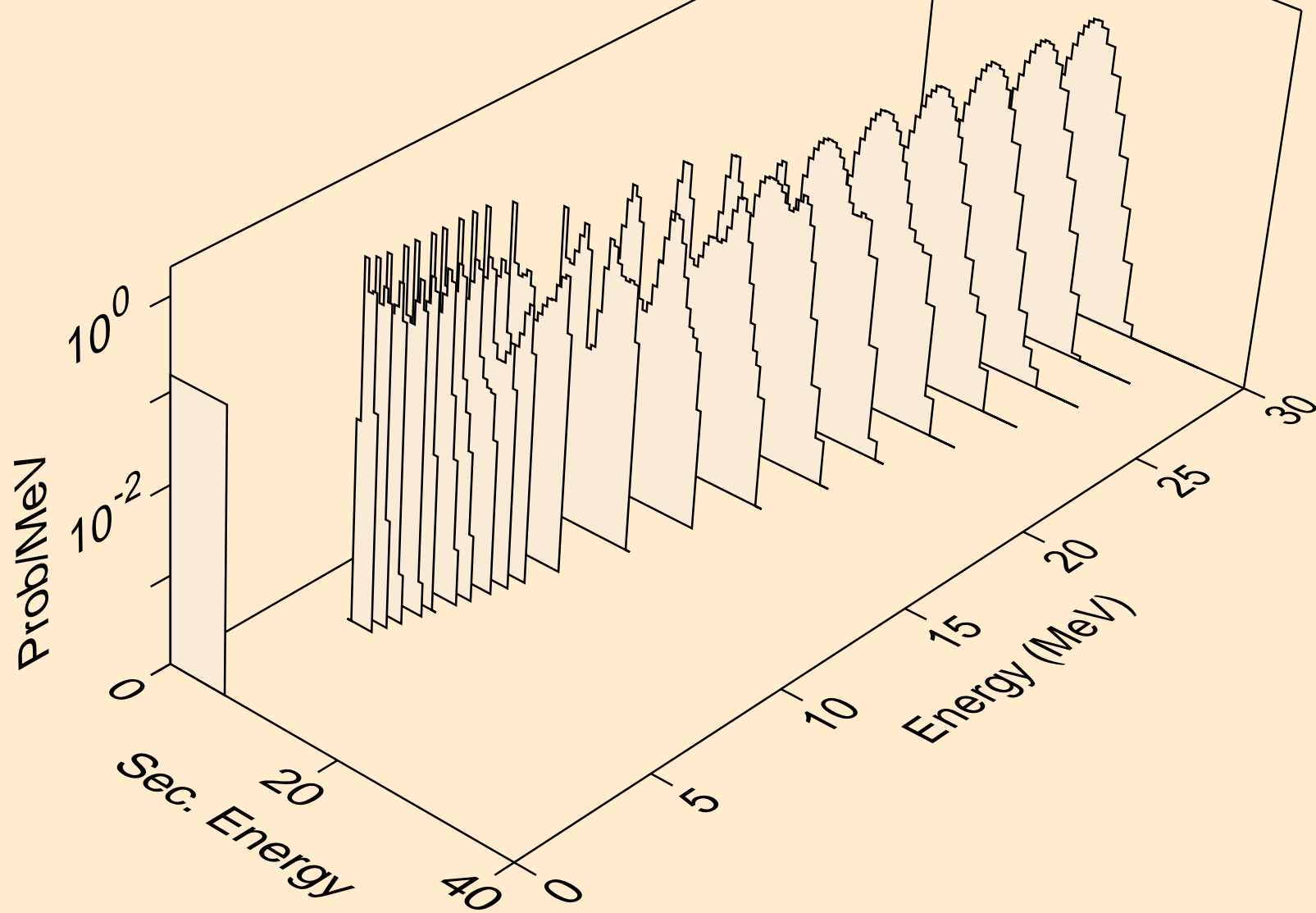
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alphas from (n,2n)a



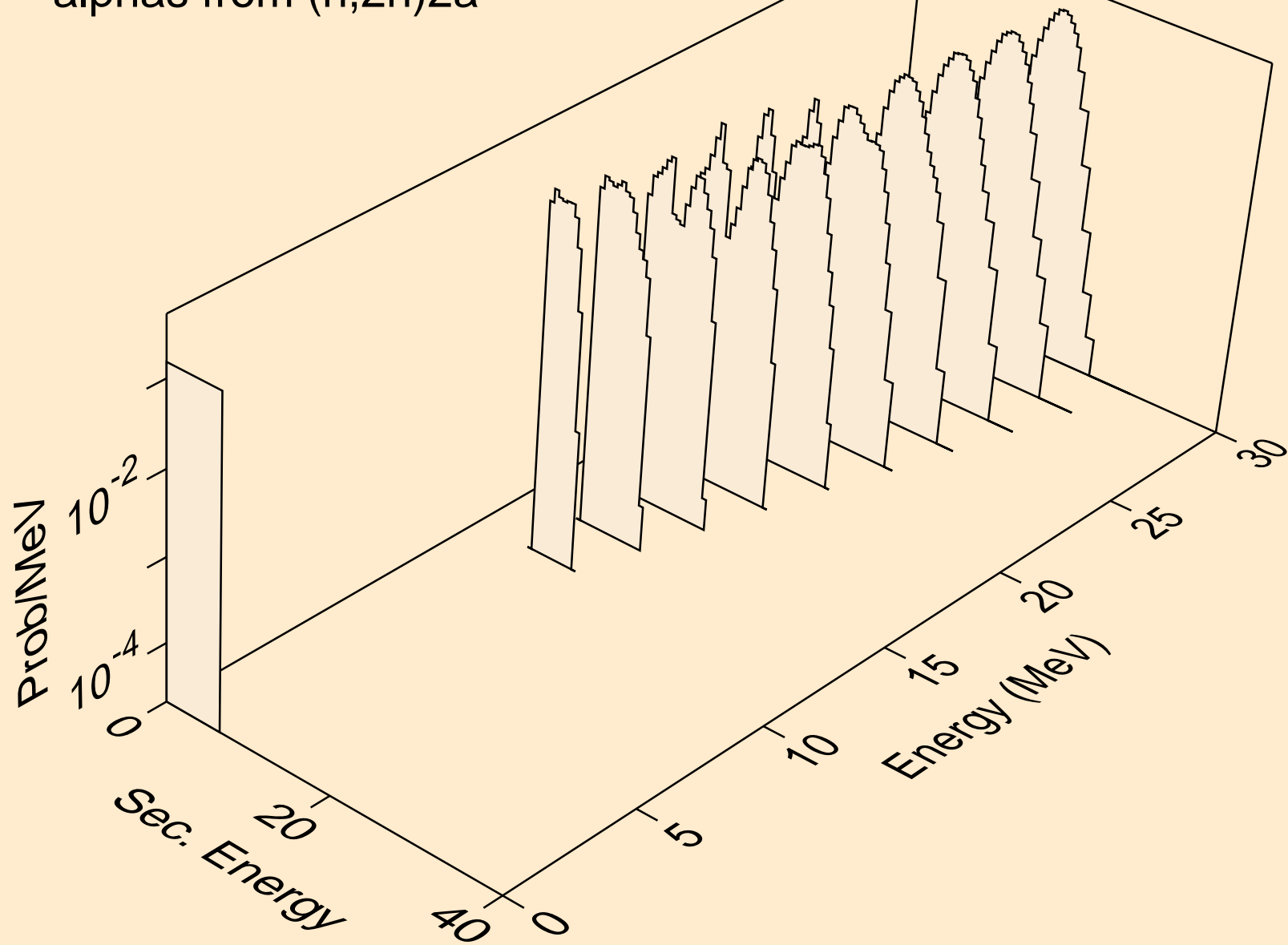
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alphas from (n,3n)a



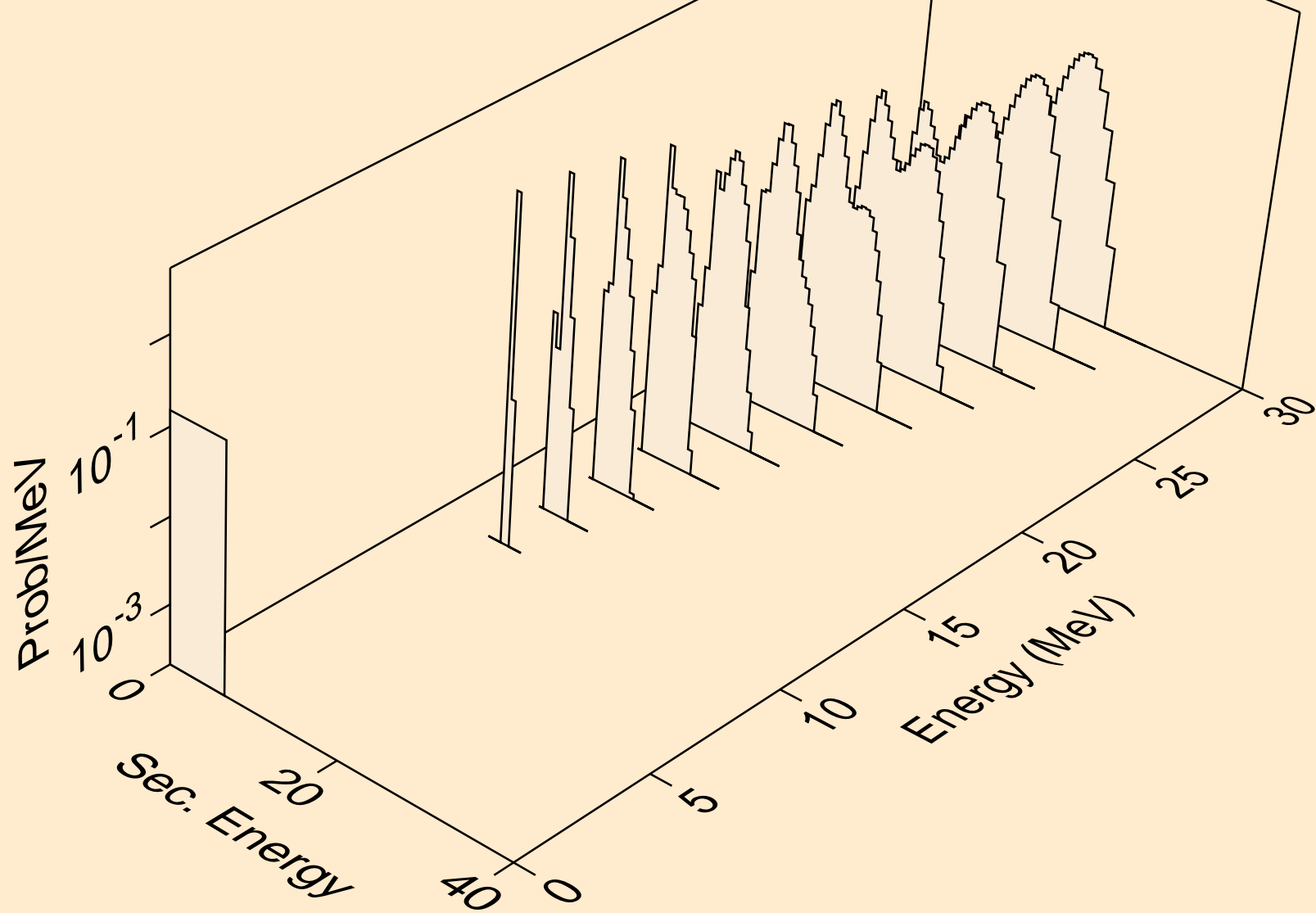
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



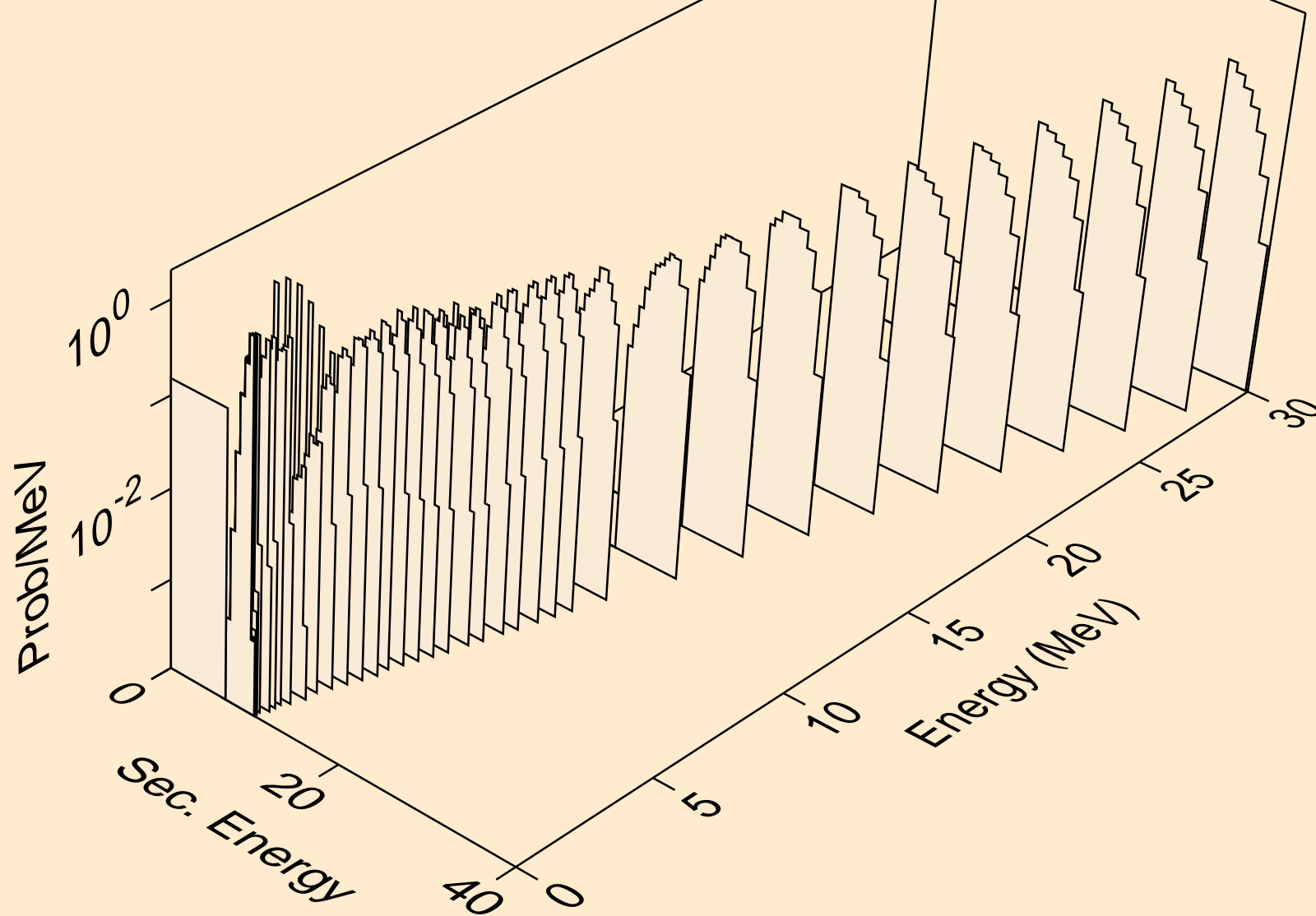
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)2a



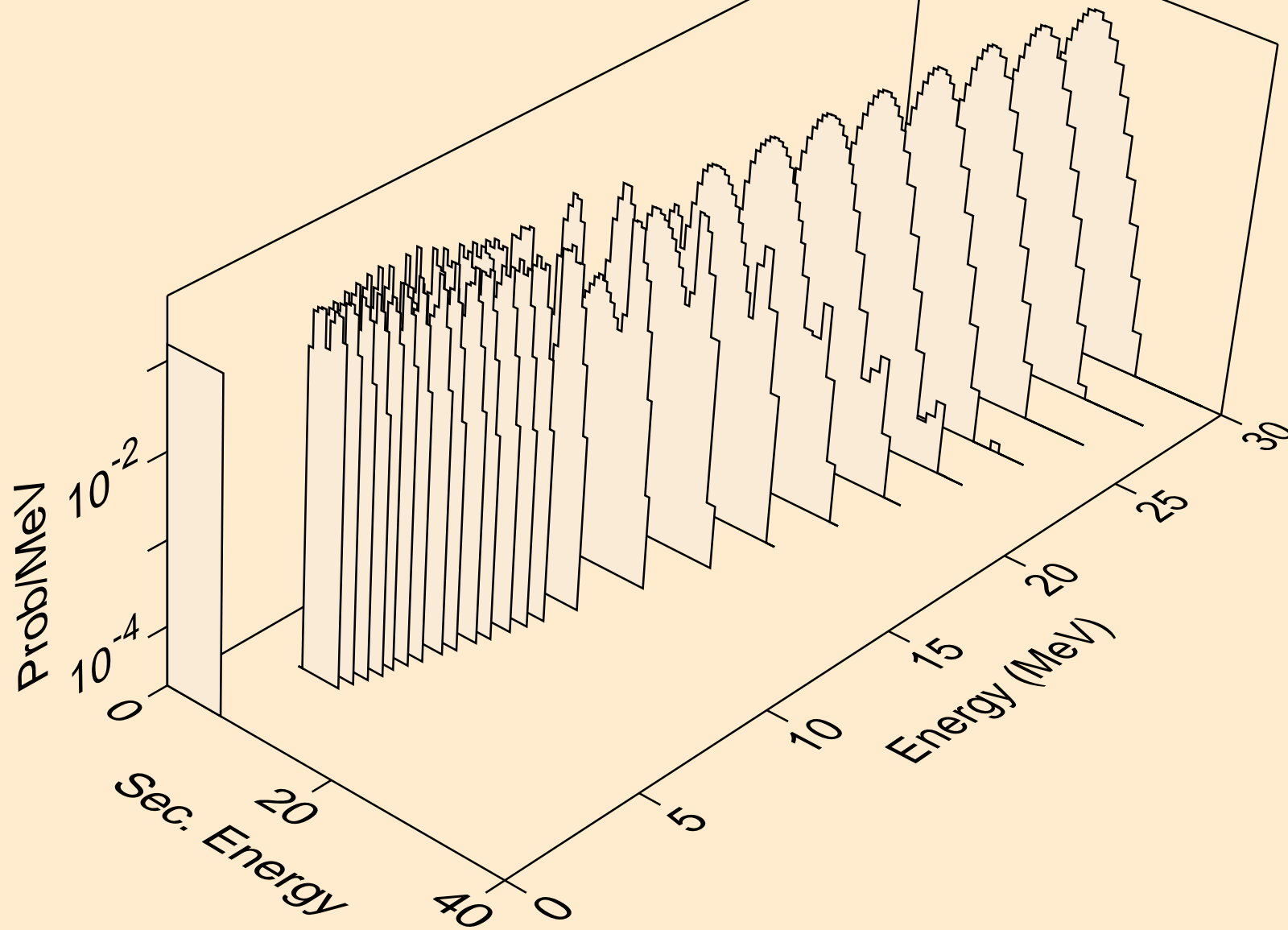
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



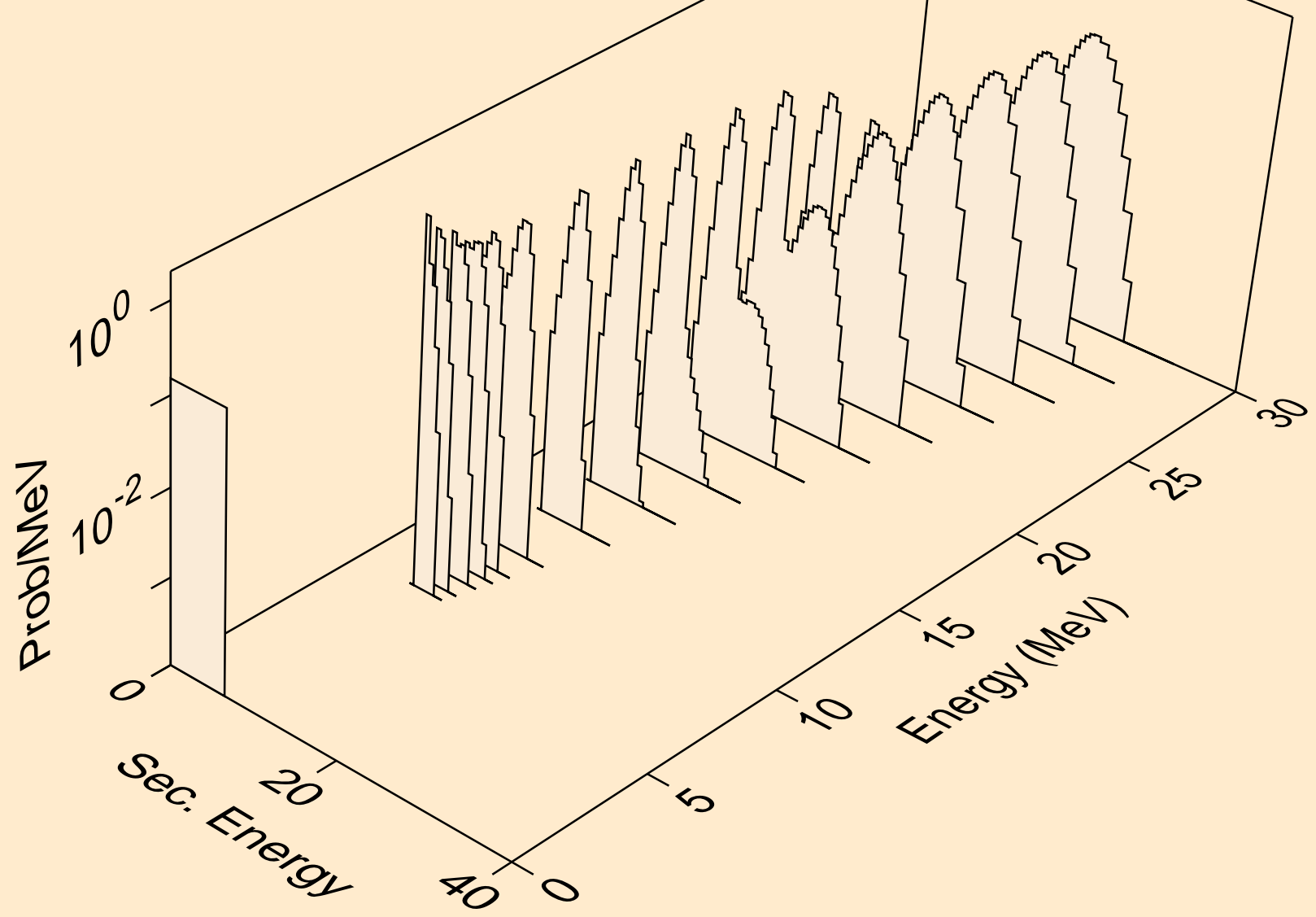
AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



AT219 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

