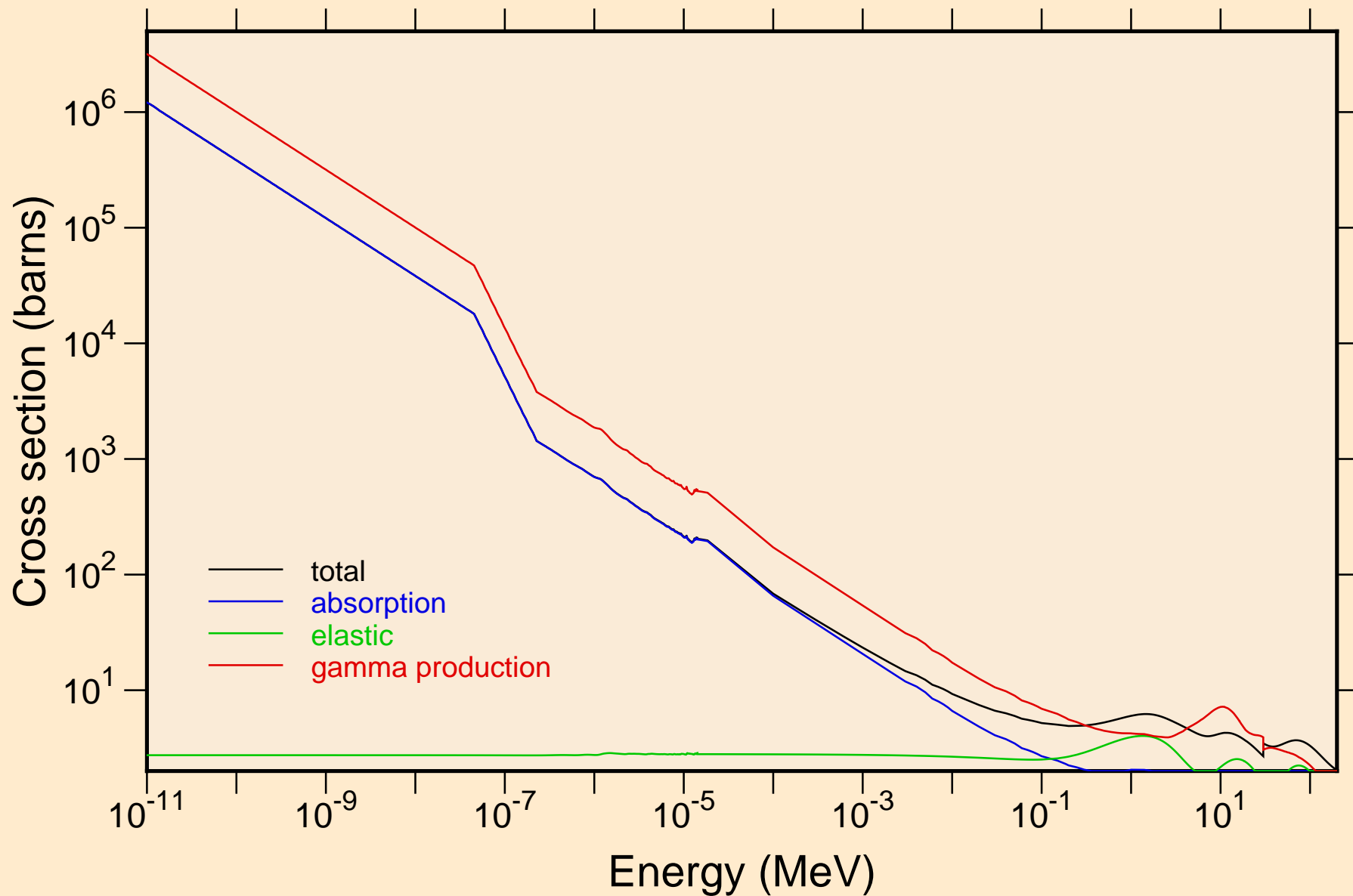
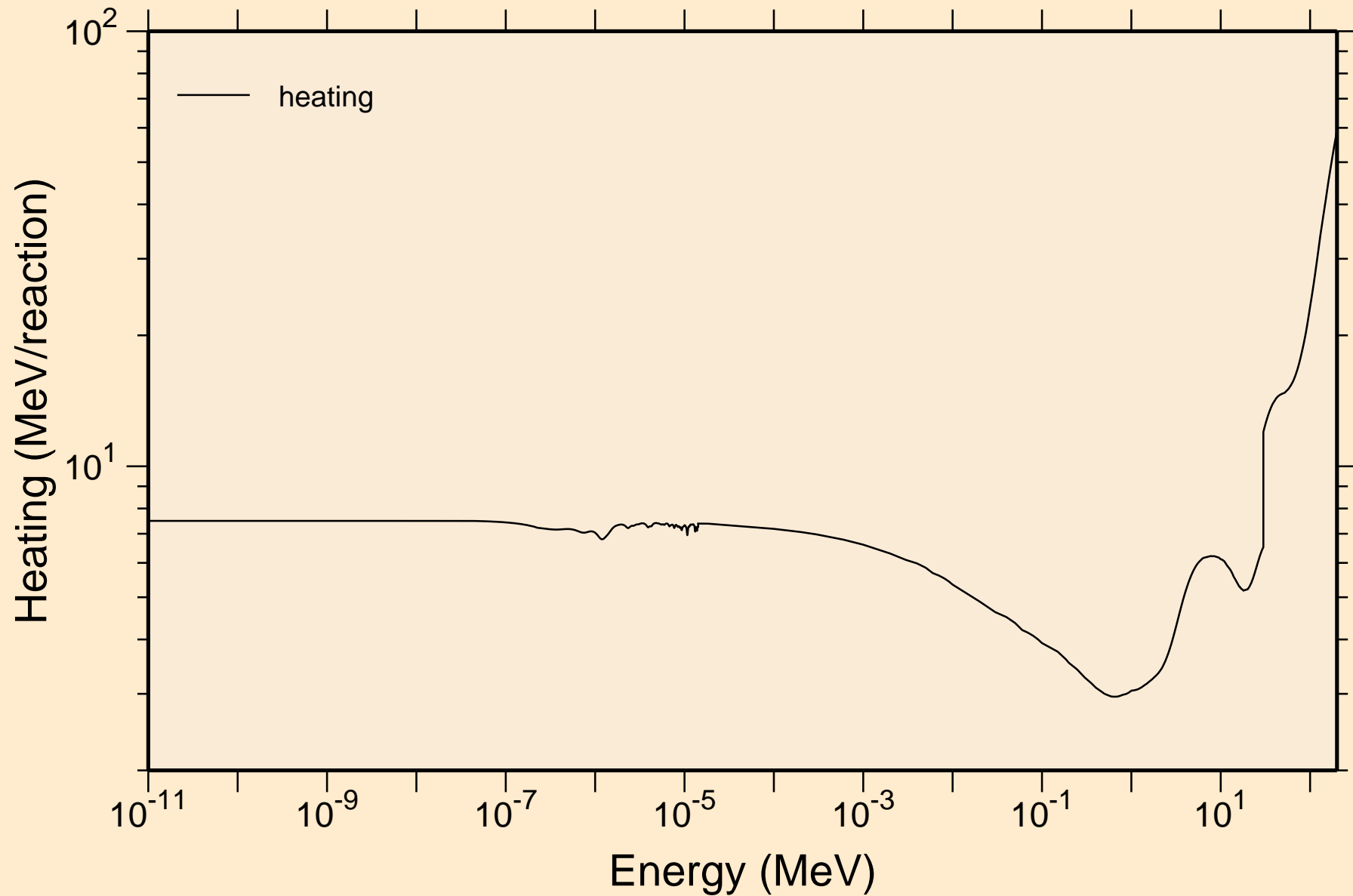


CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

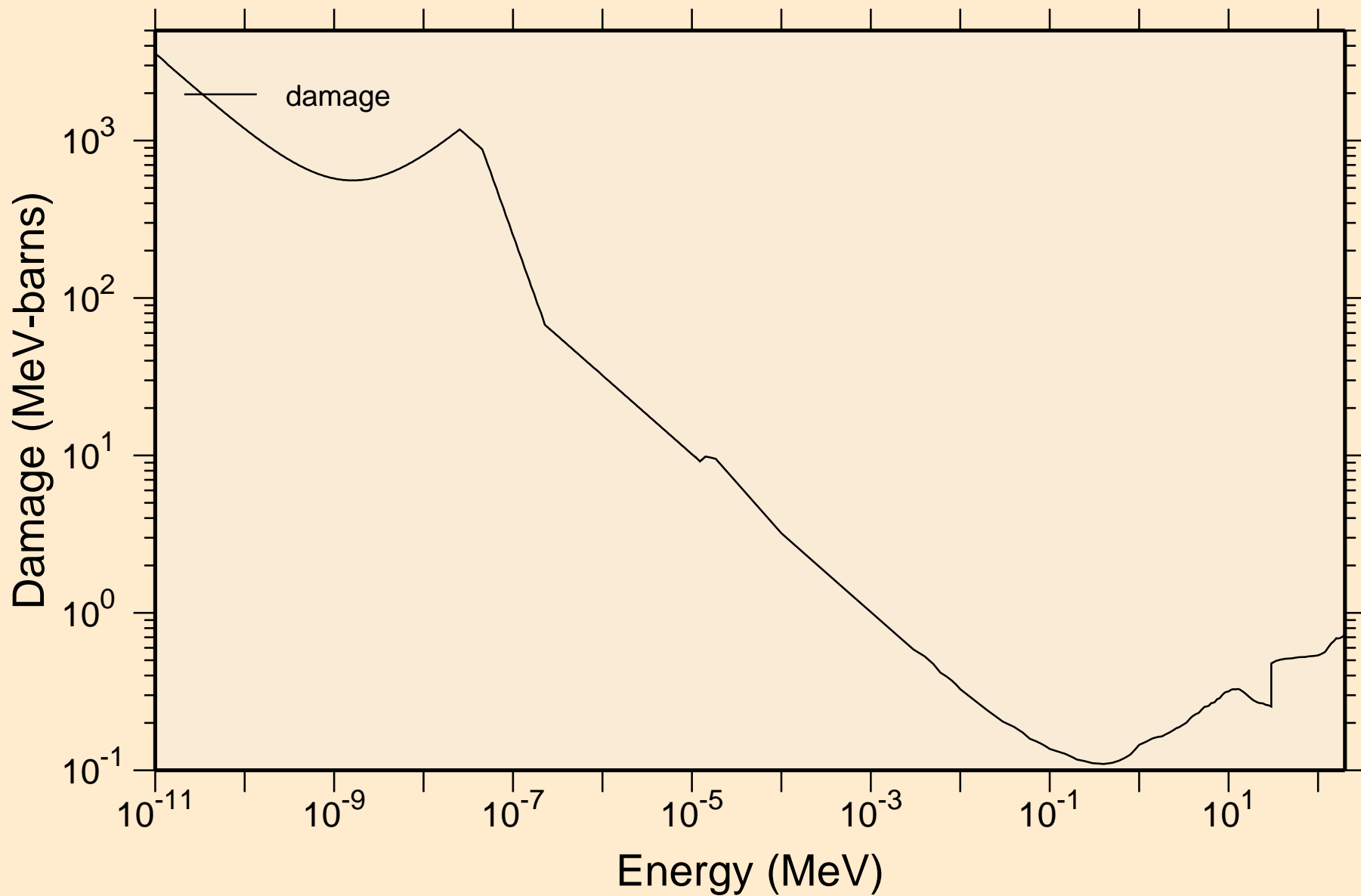
Principal cross sections



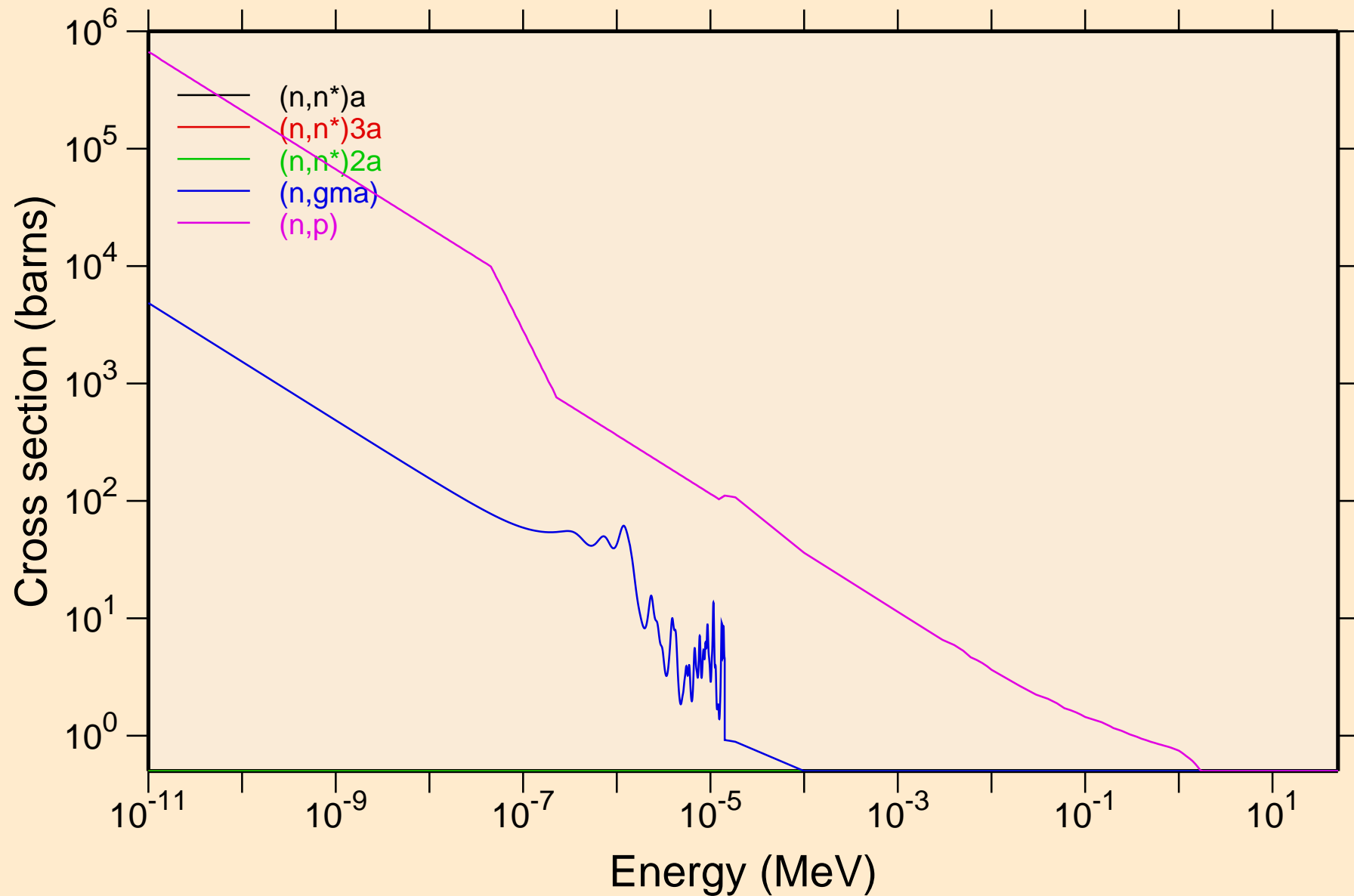
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating



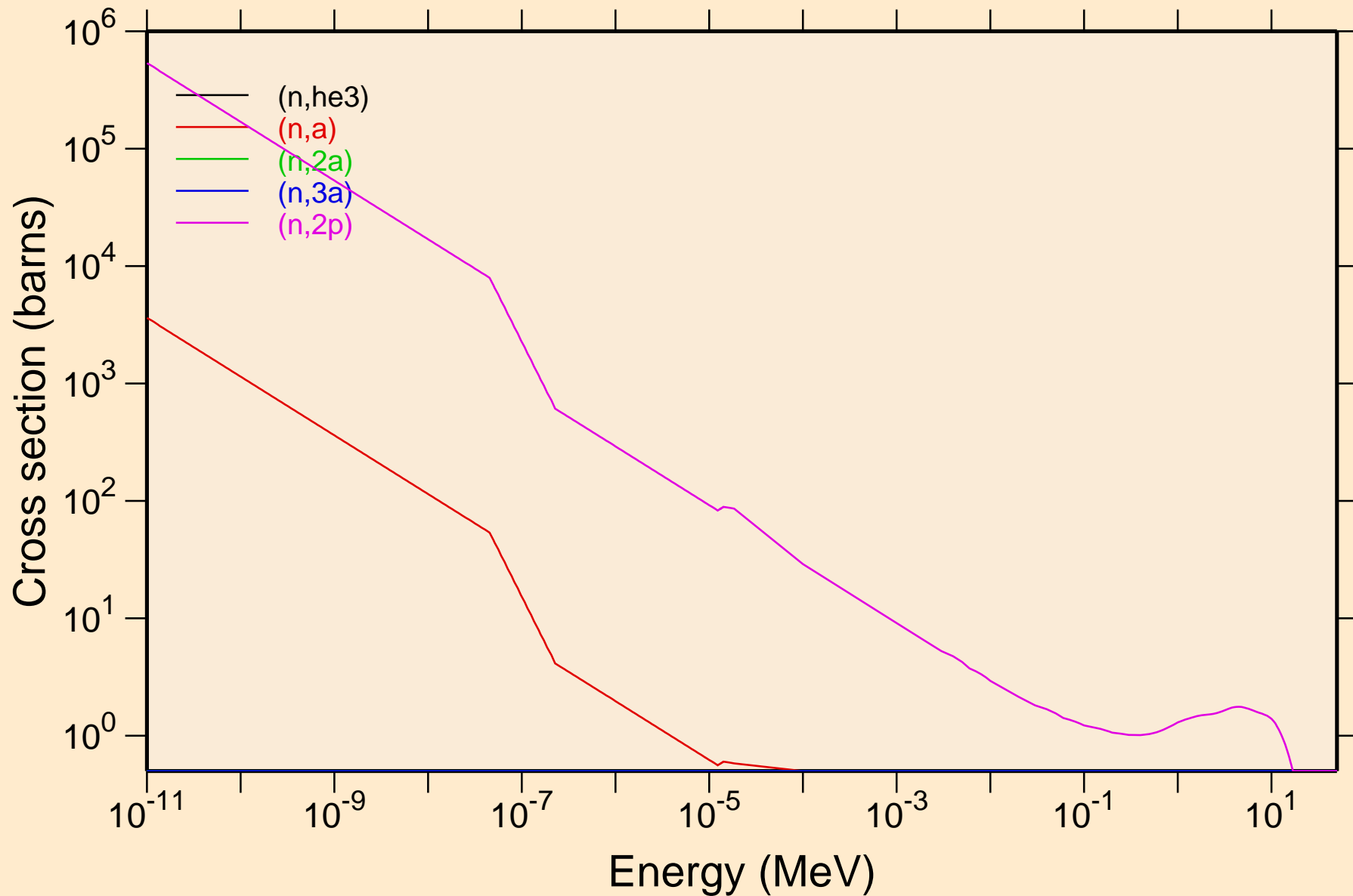
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage



CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

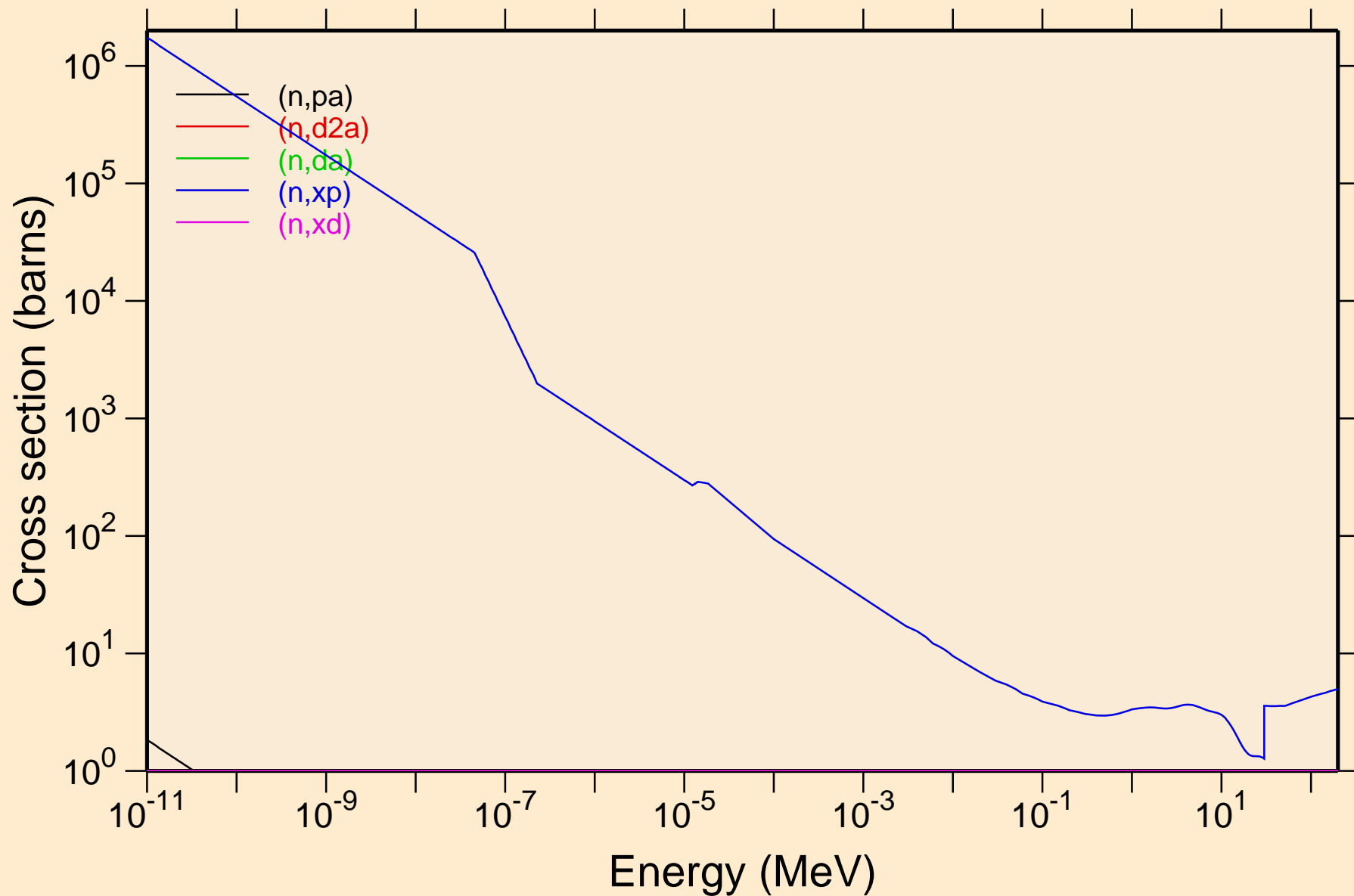


CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

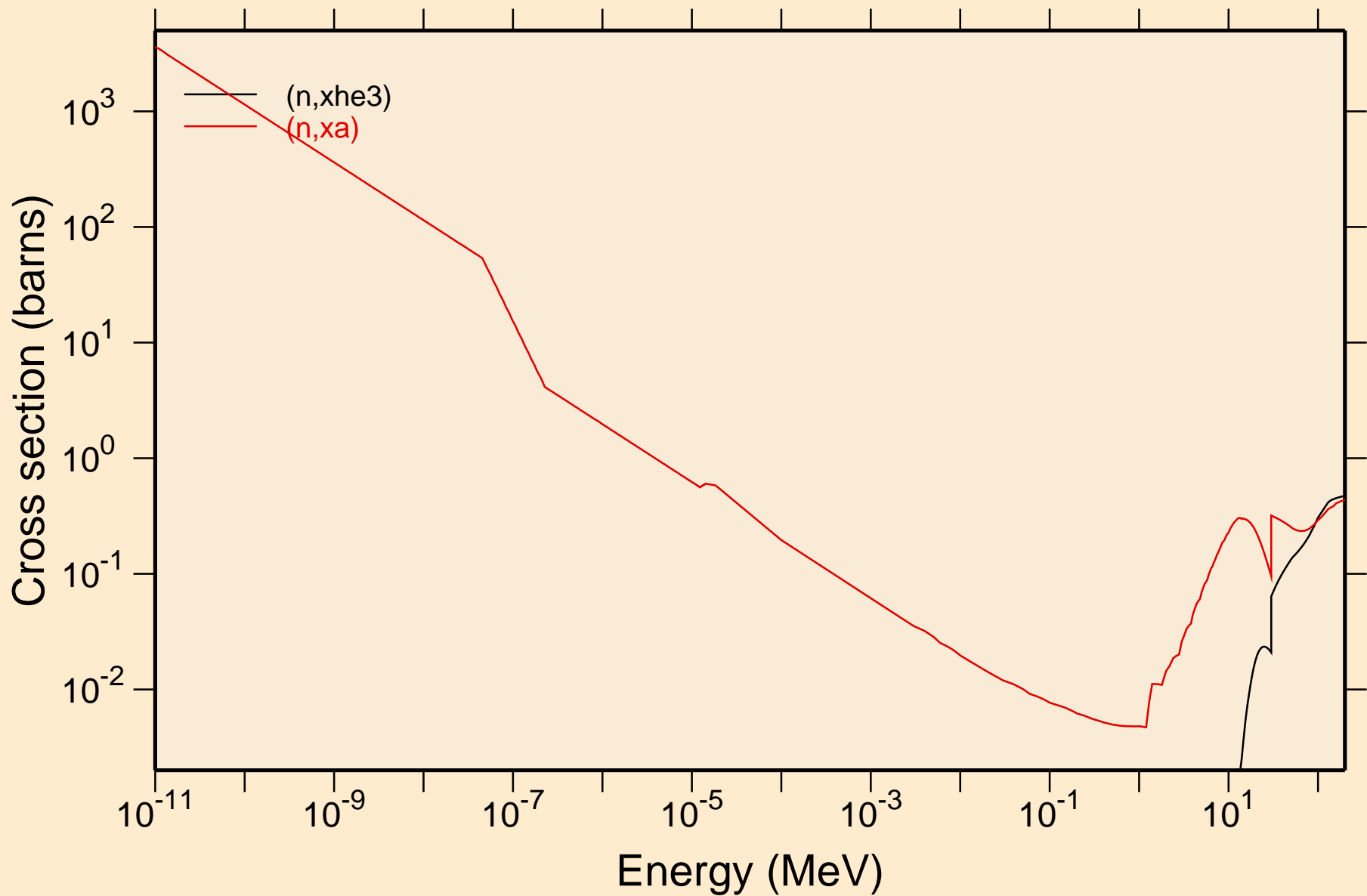


CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

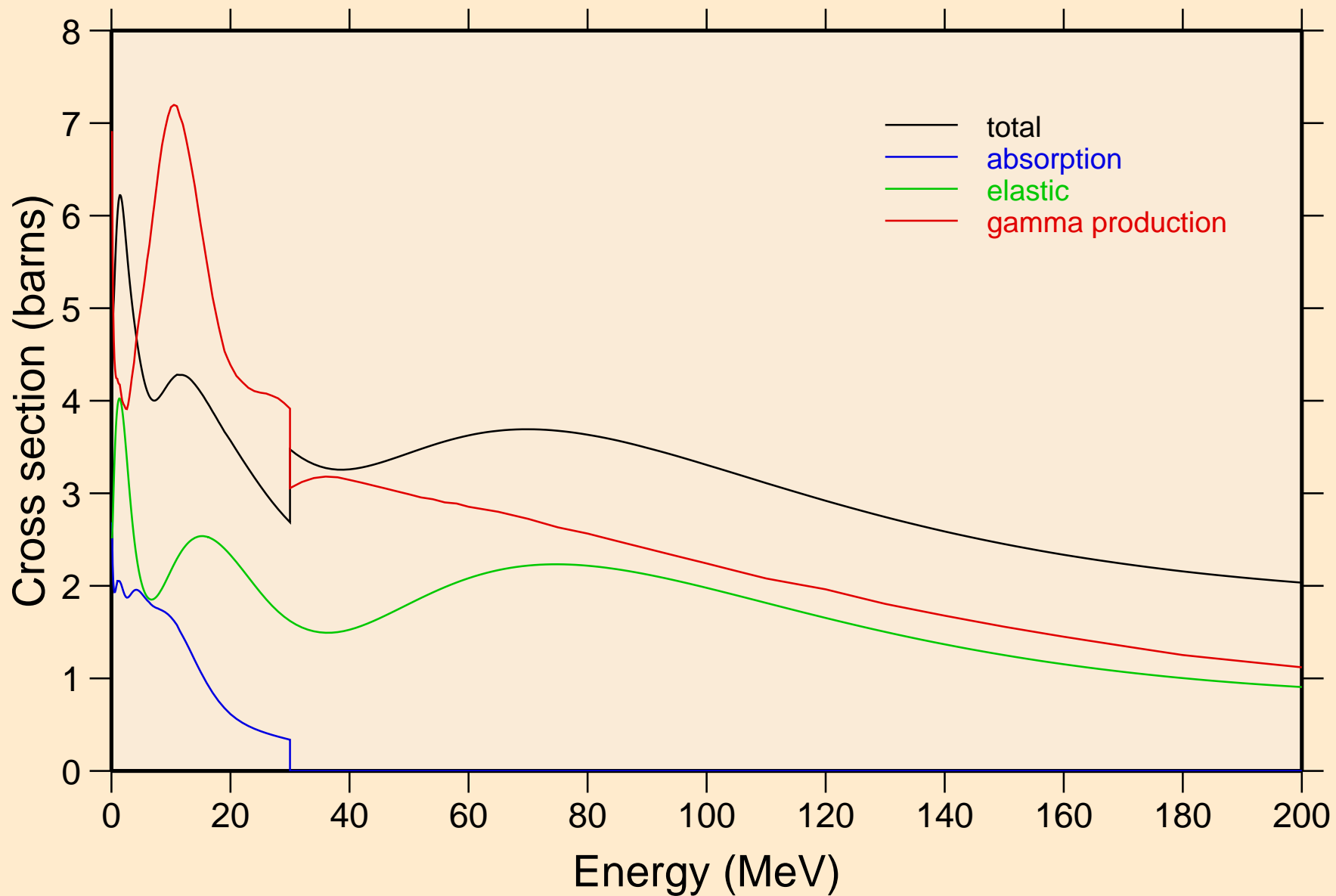


CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

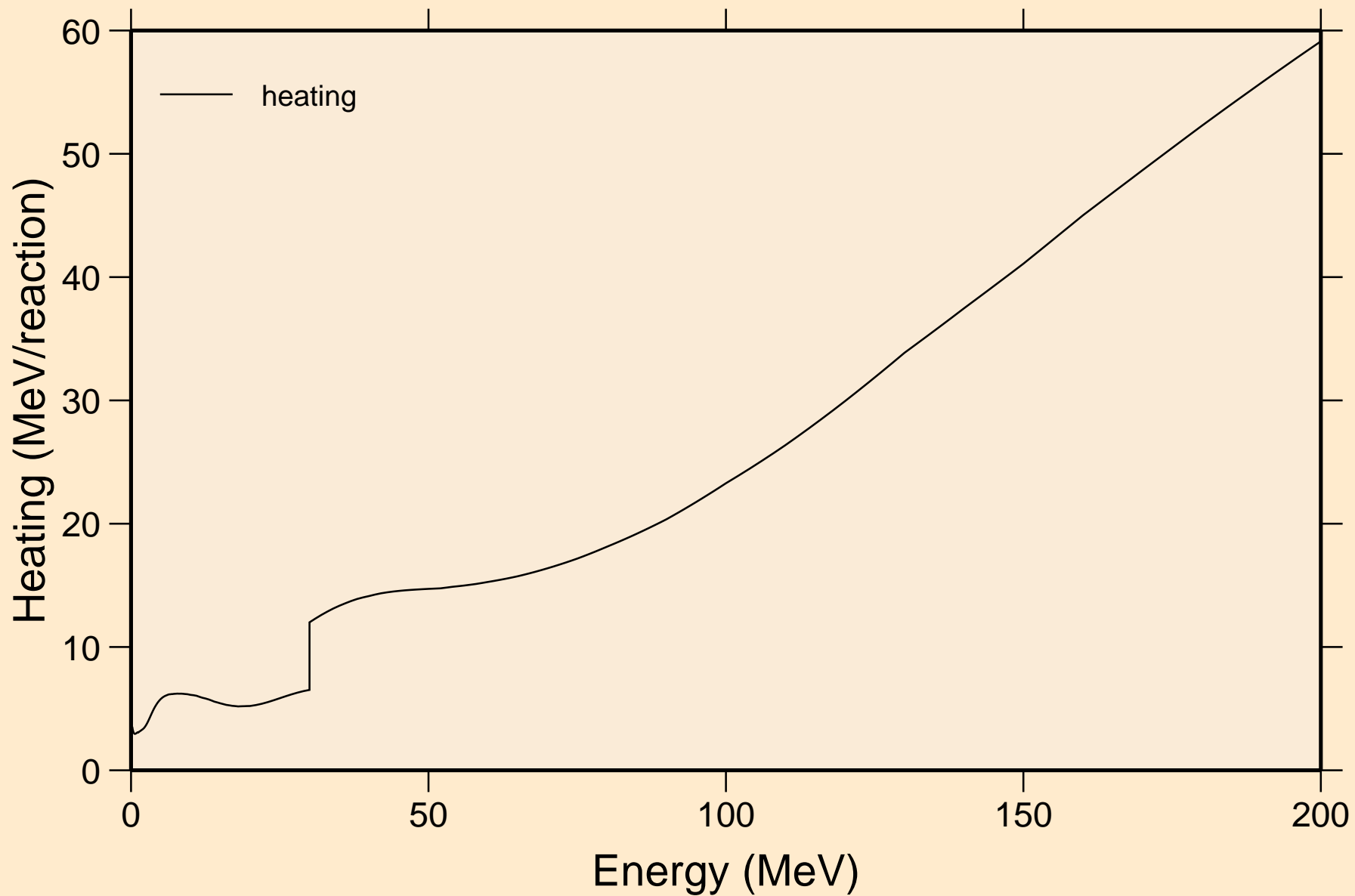


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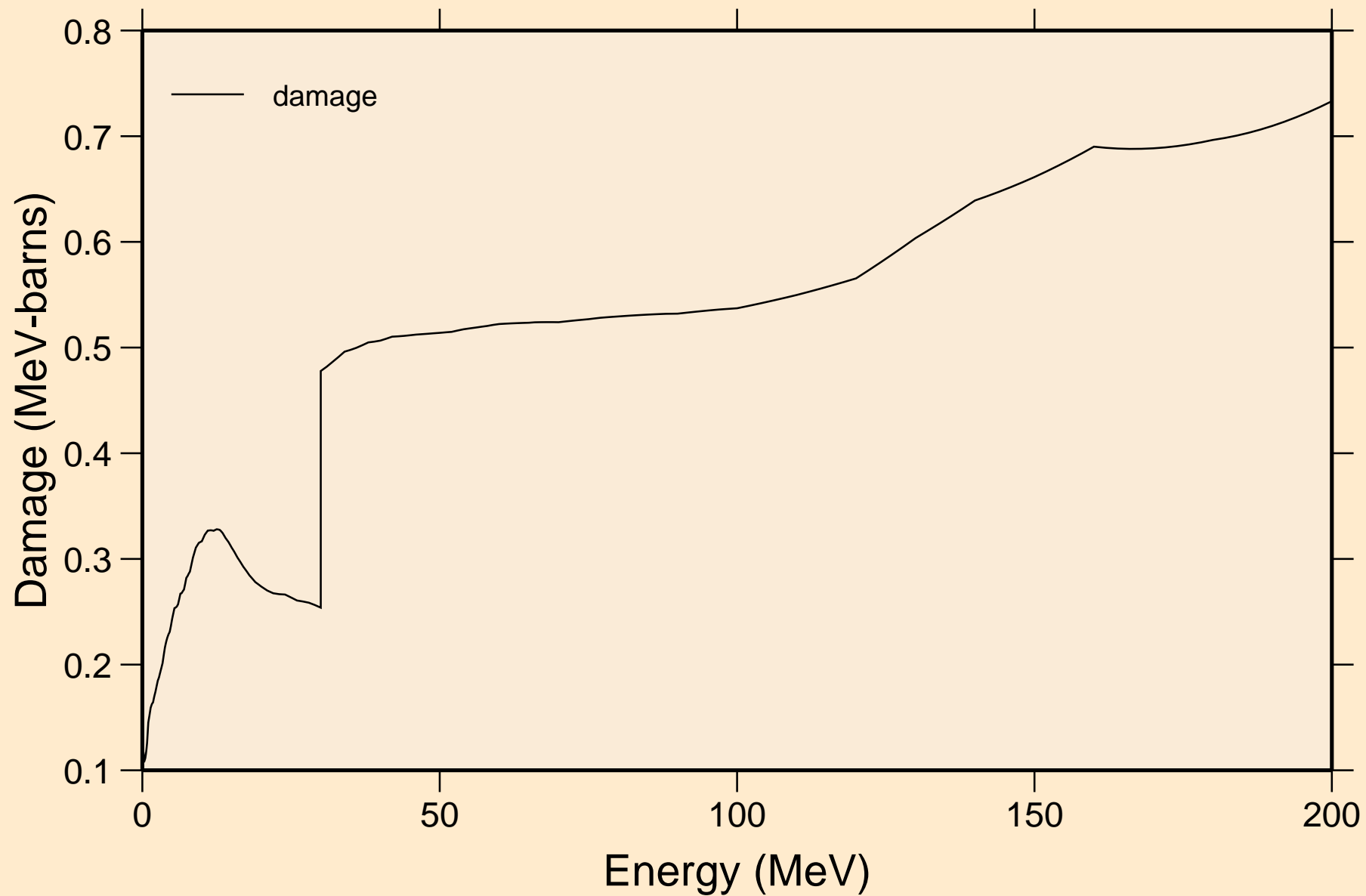
Principal cross sections



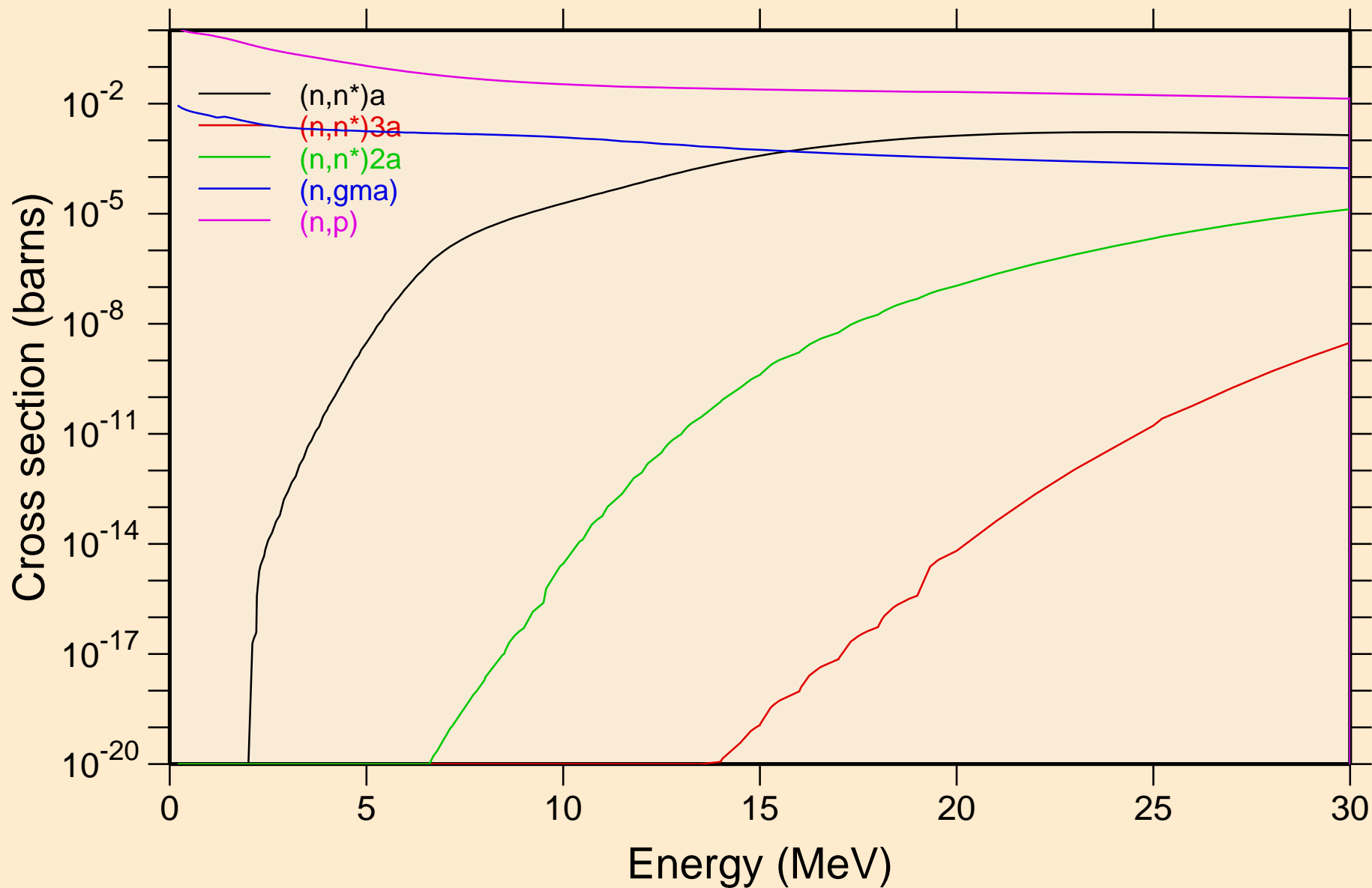
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating



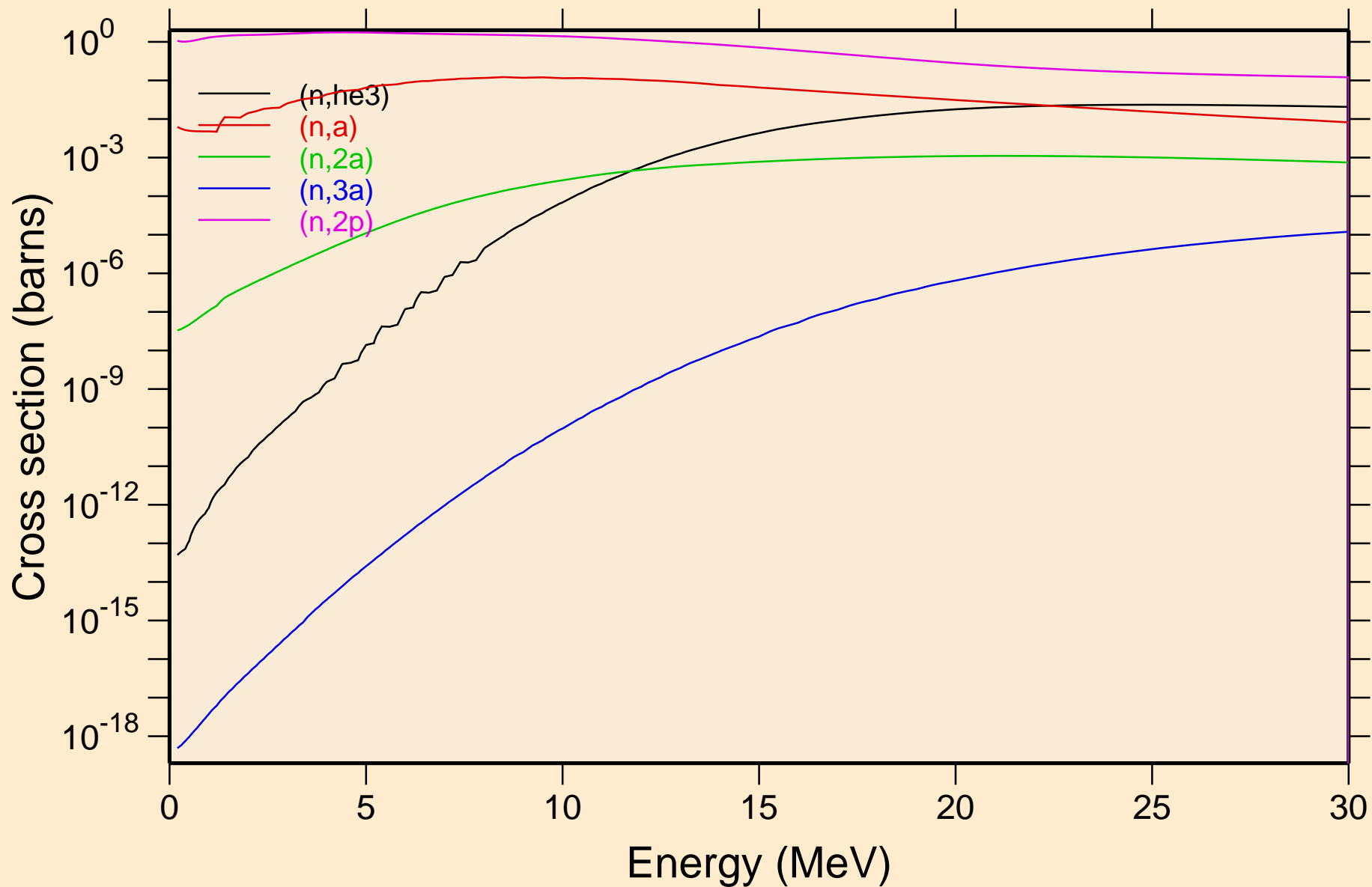
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Damage



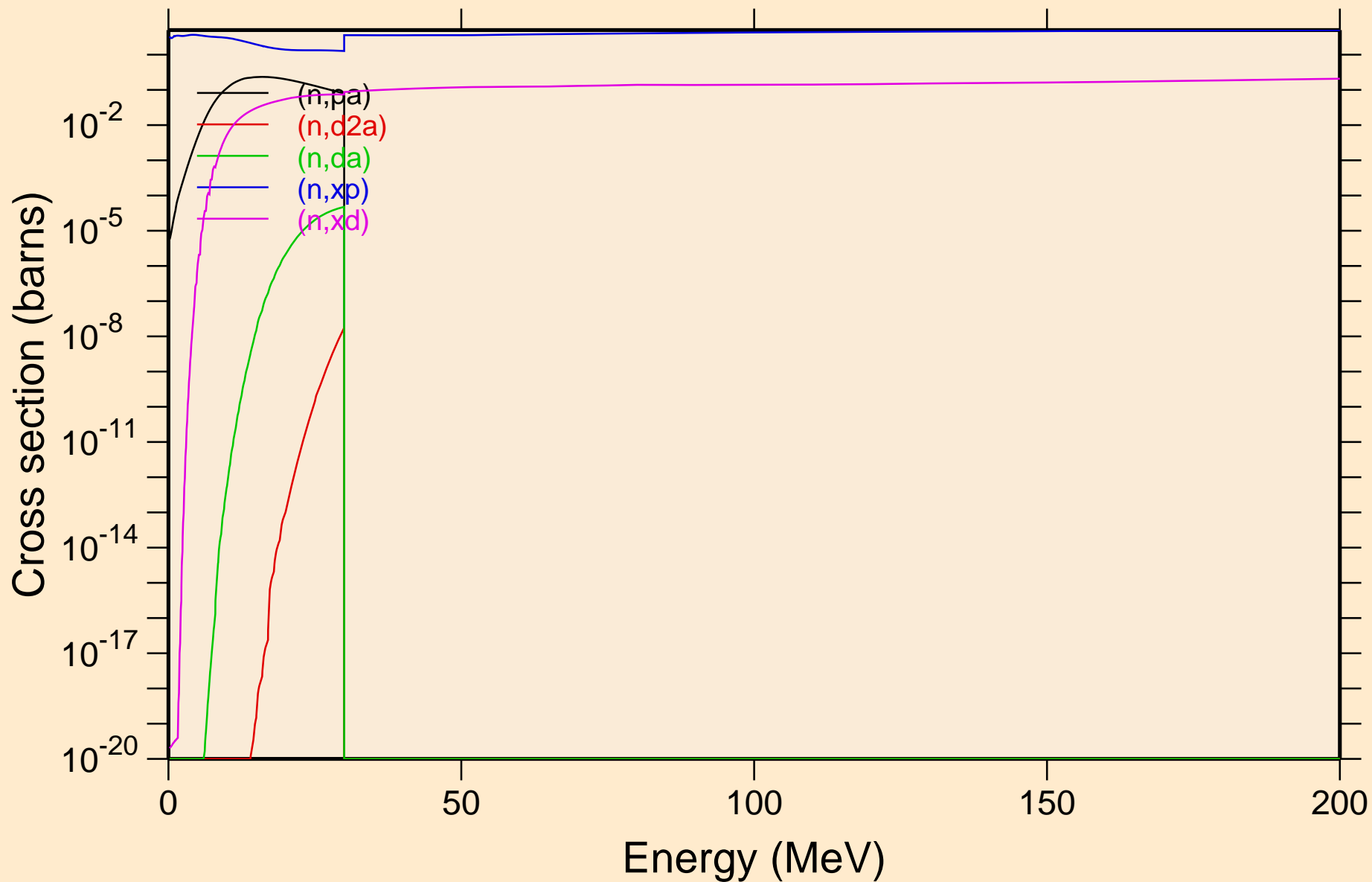
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Non-threshold reactions



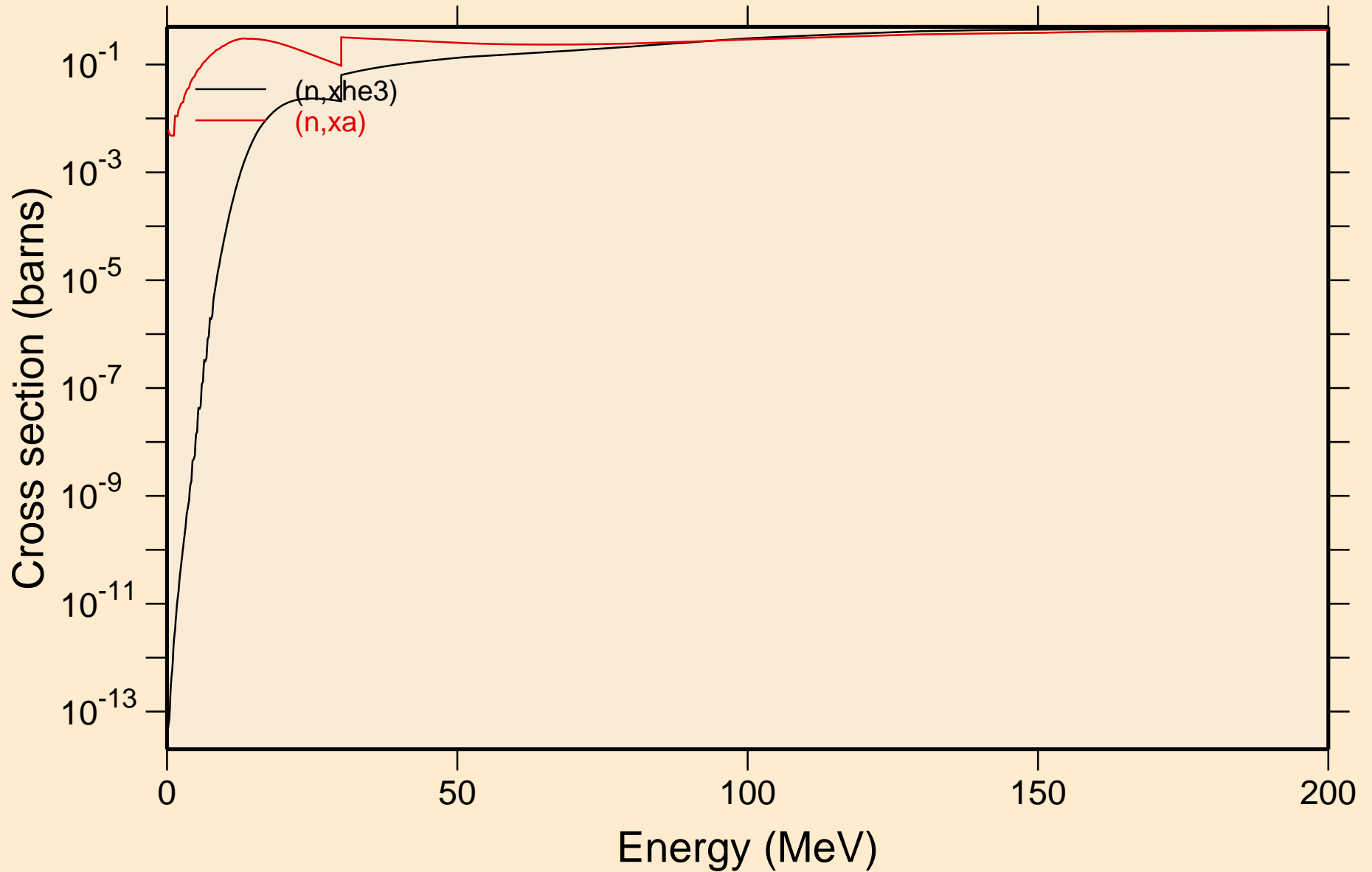
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



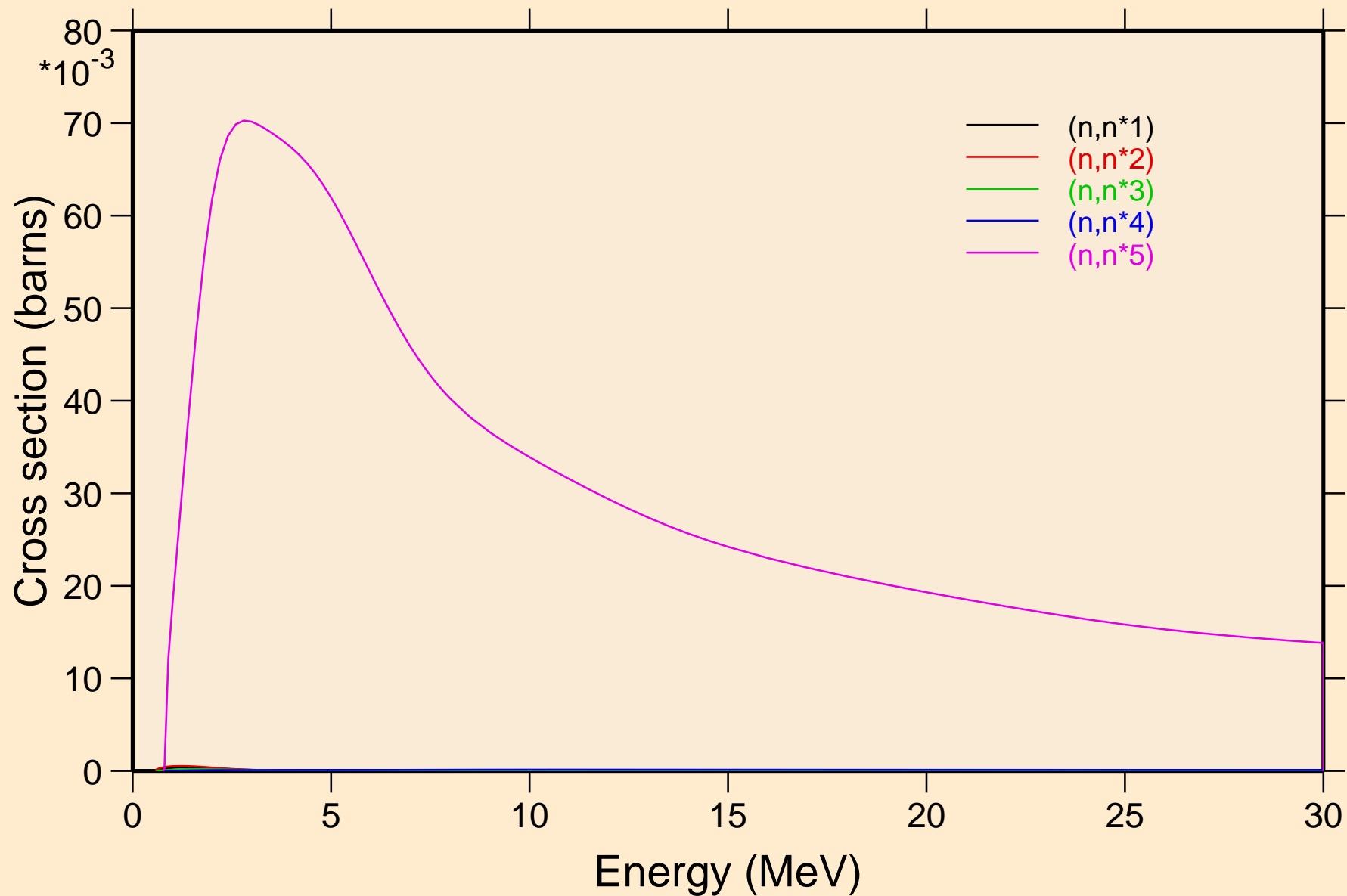
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Non-threshold reactions



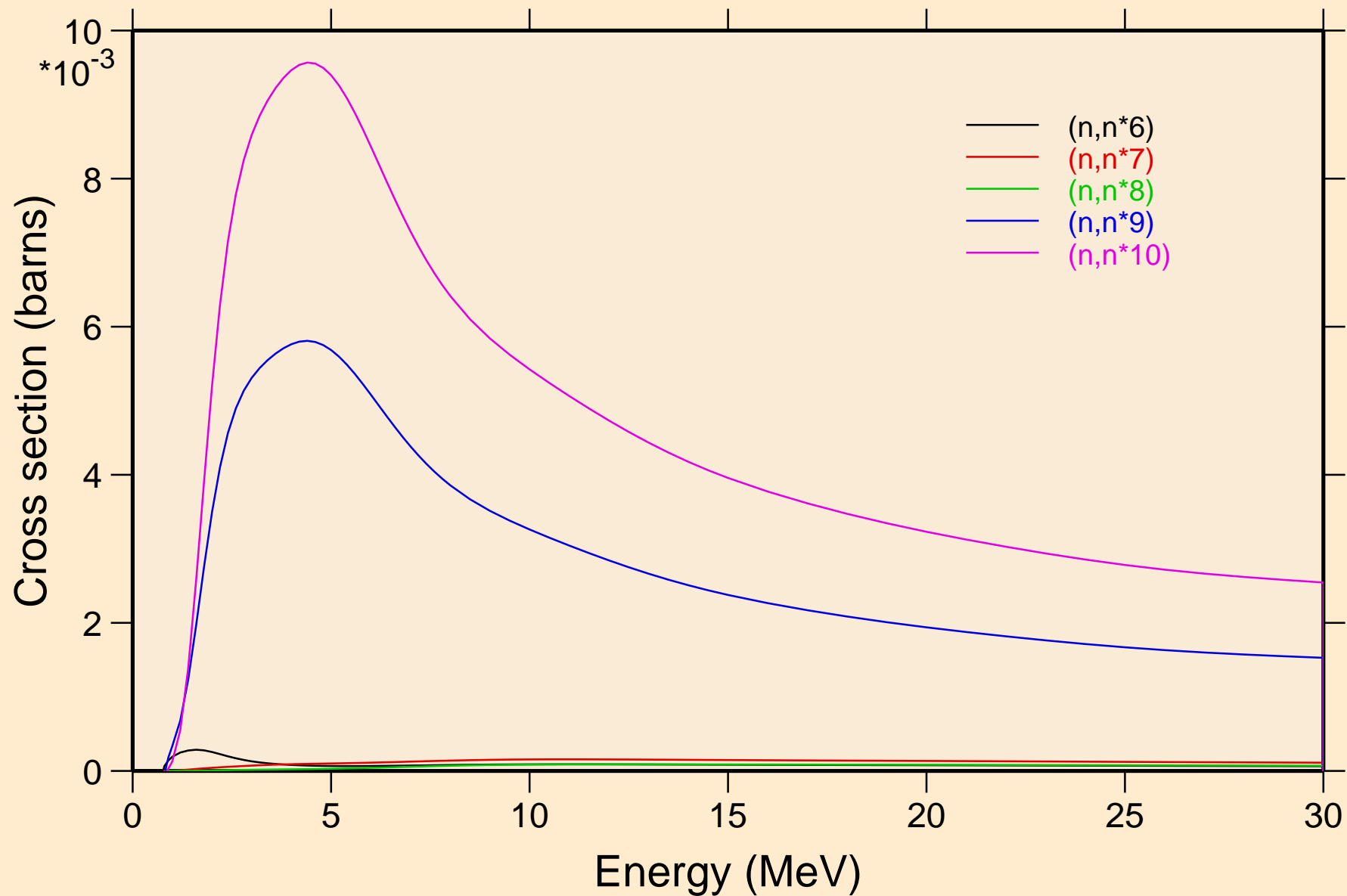
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



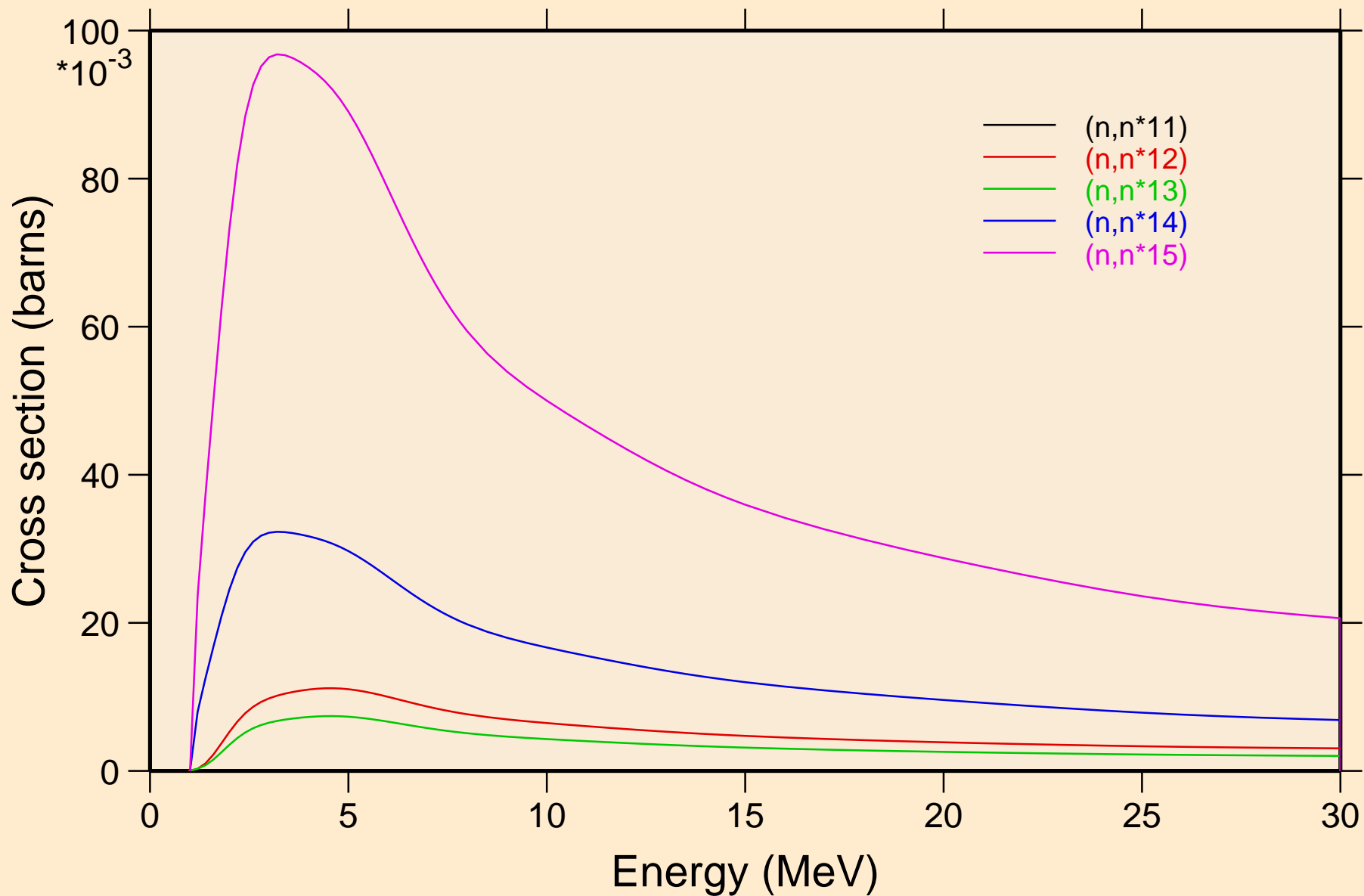
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



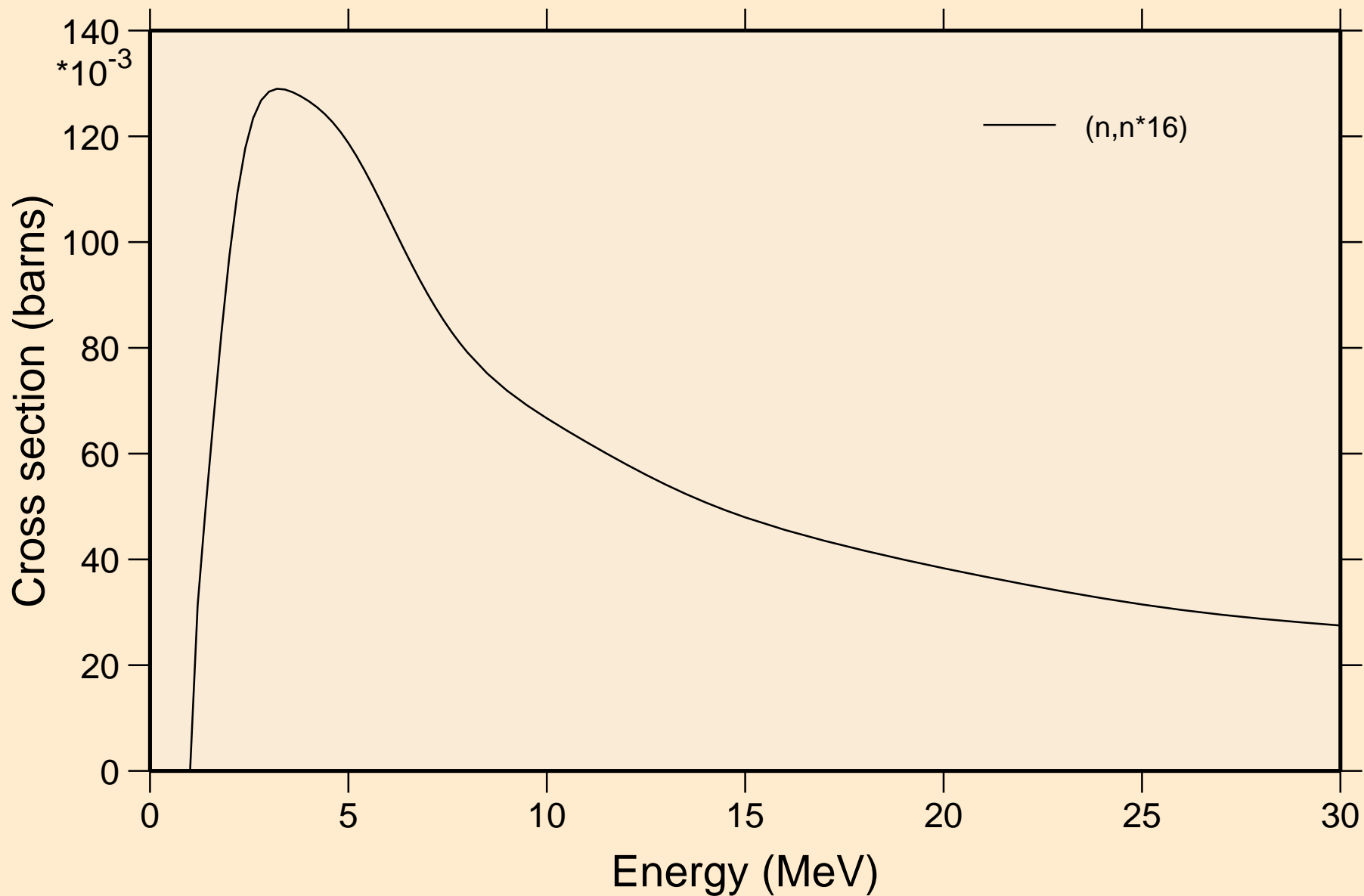
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



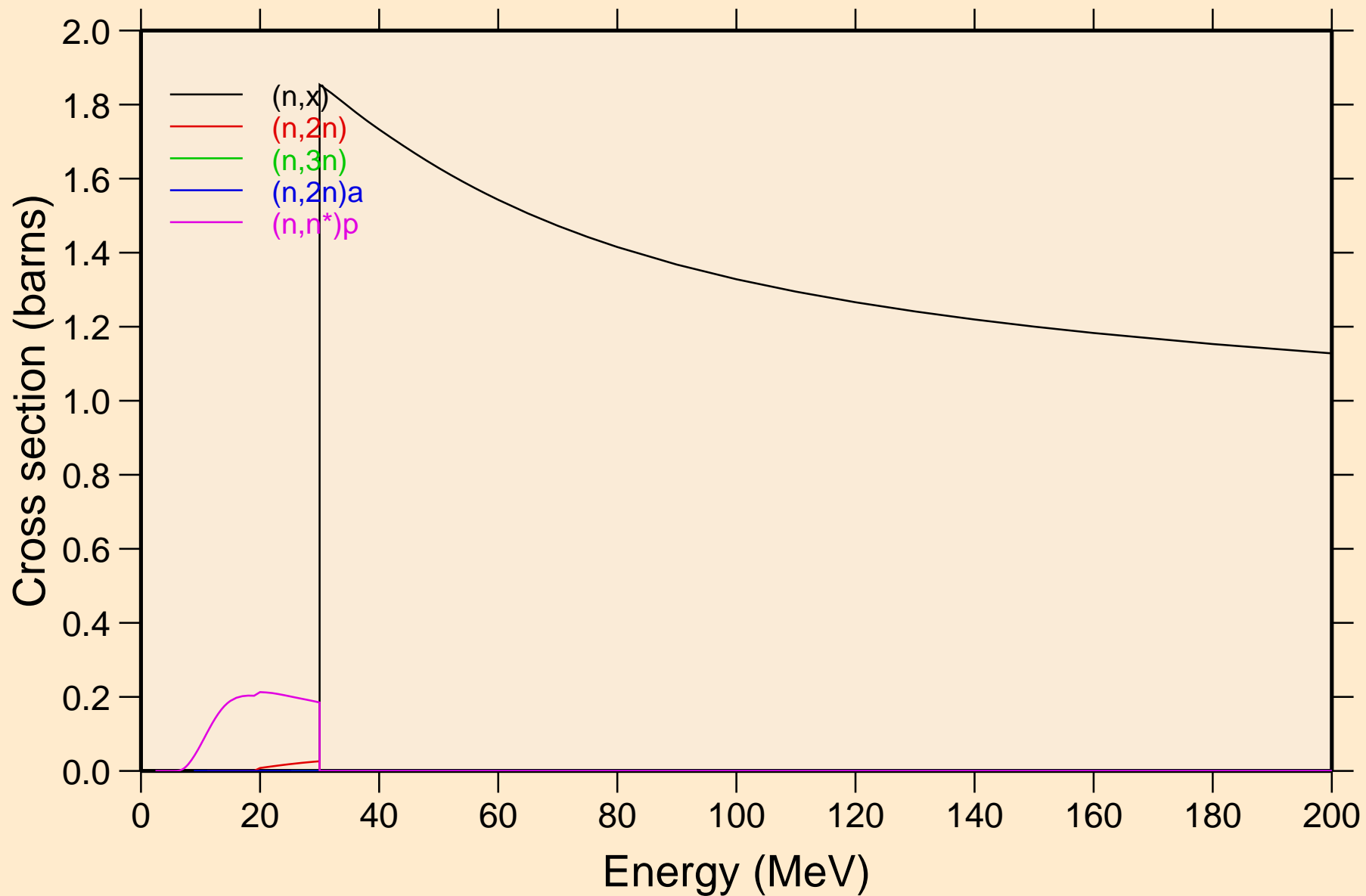
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Inelastic levels



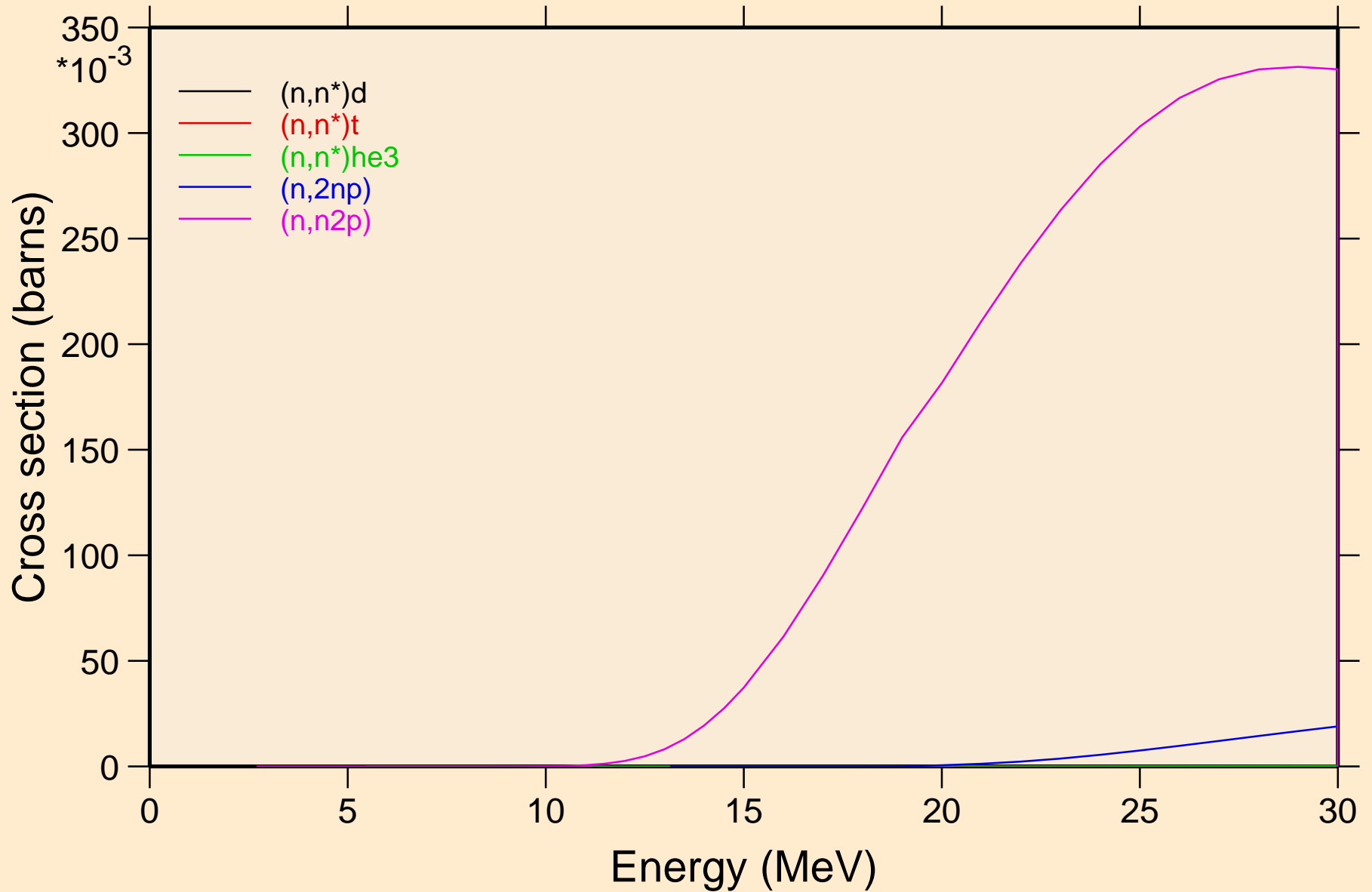
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

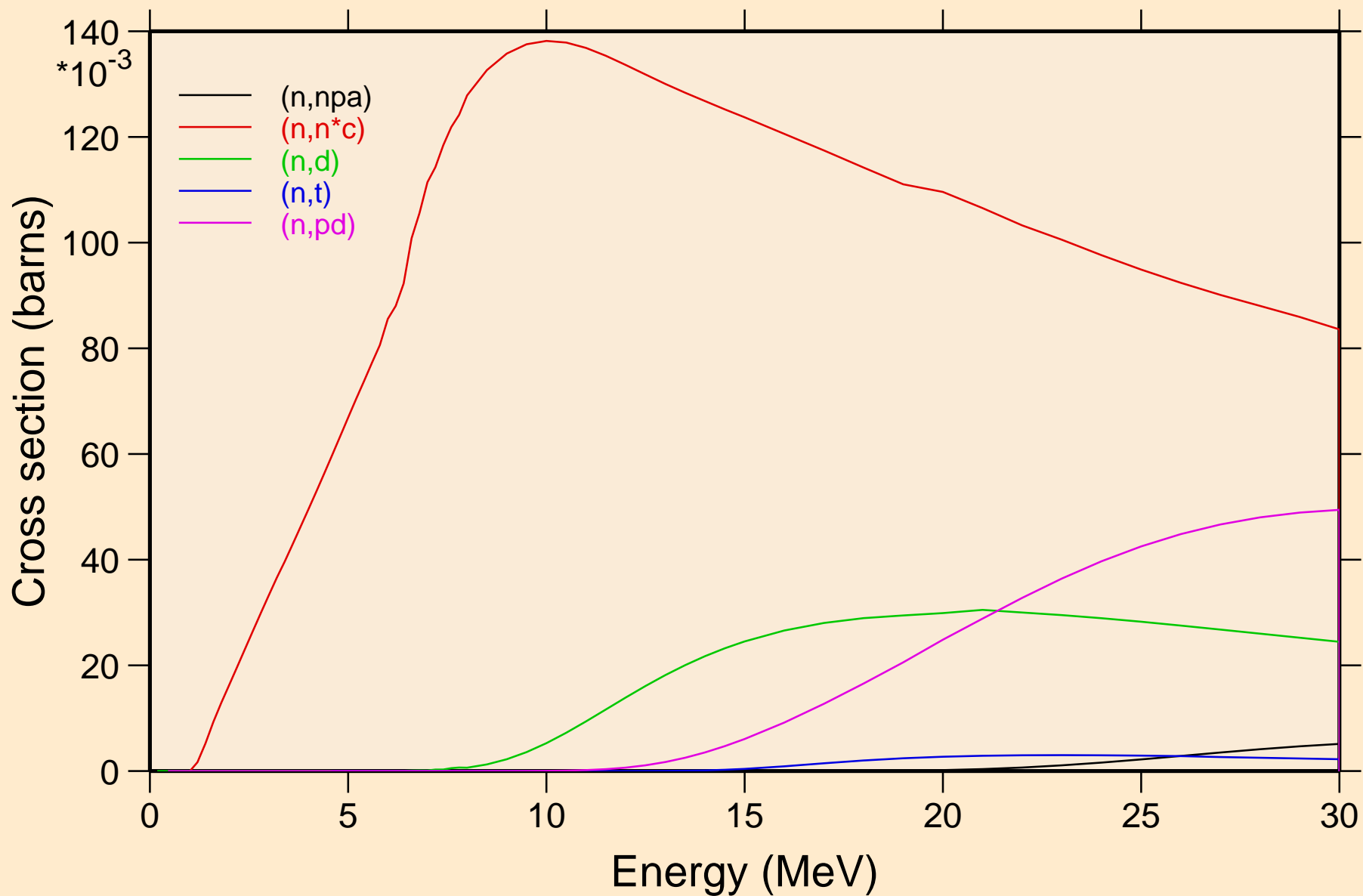


CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

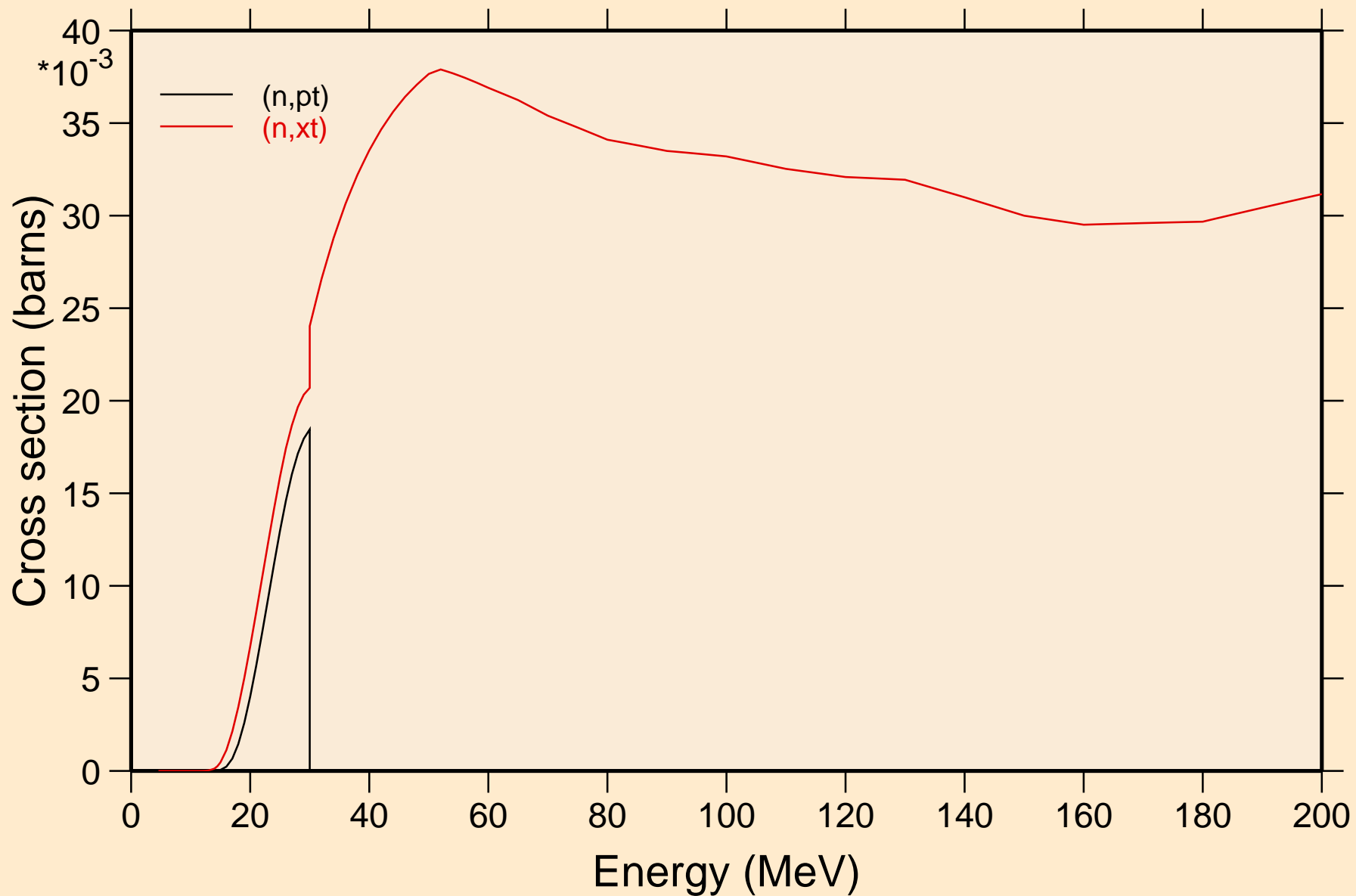


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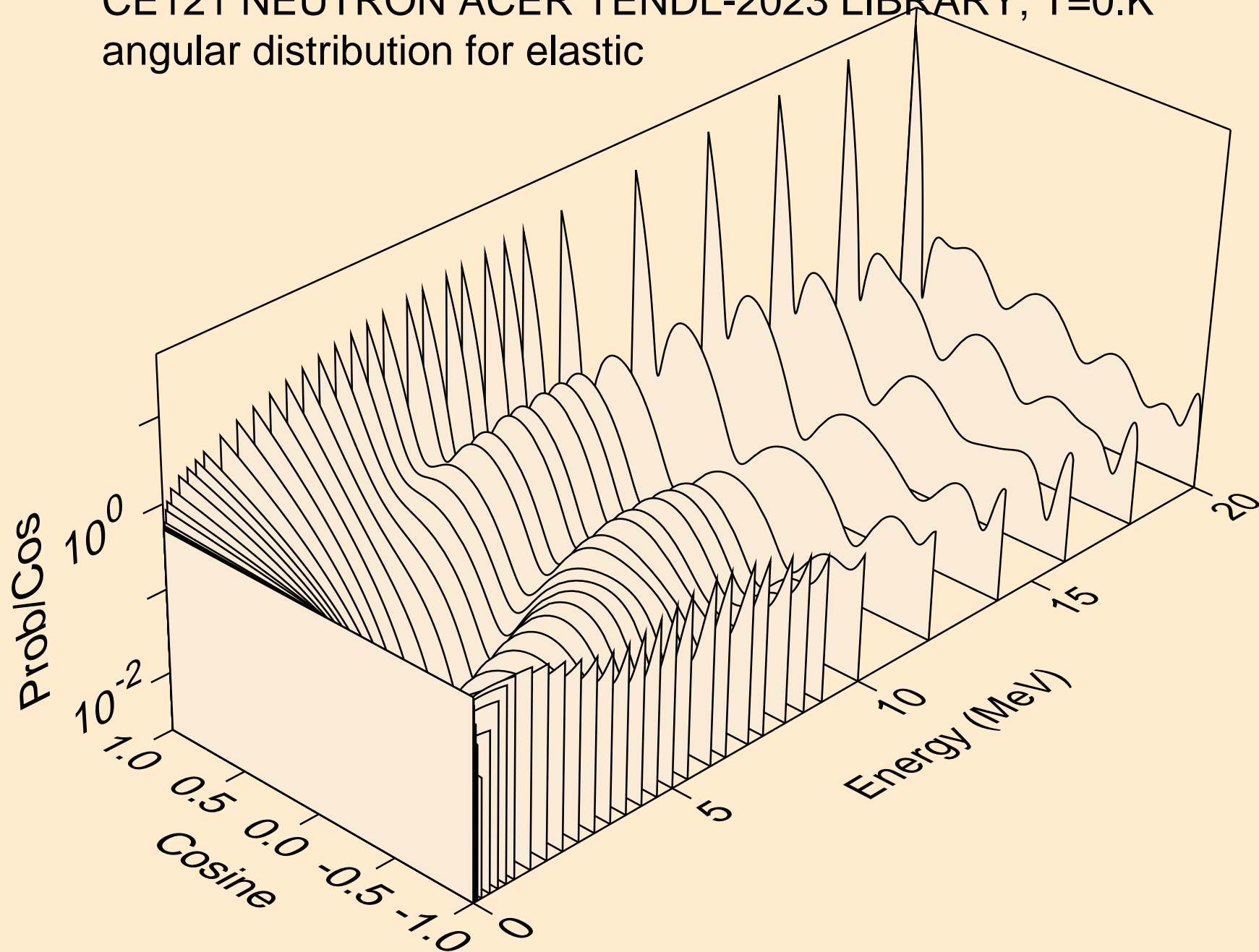
Threshold reactions



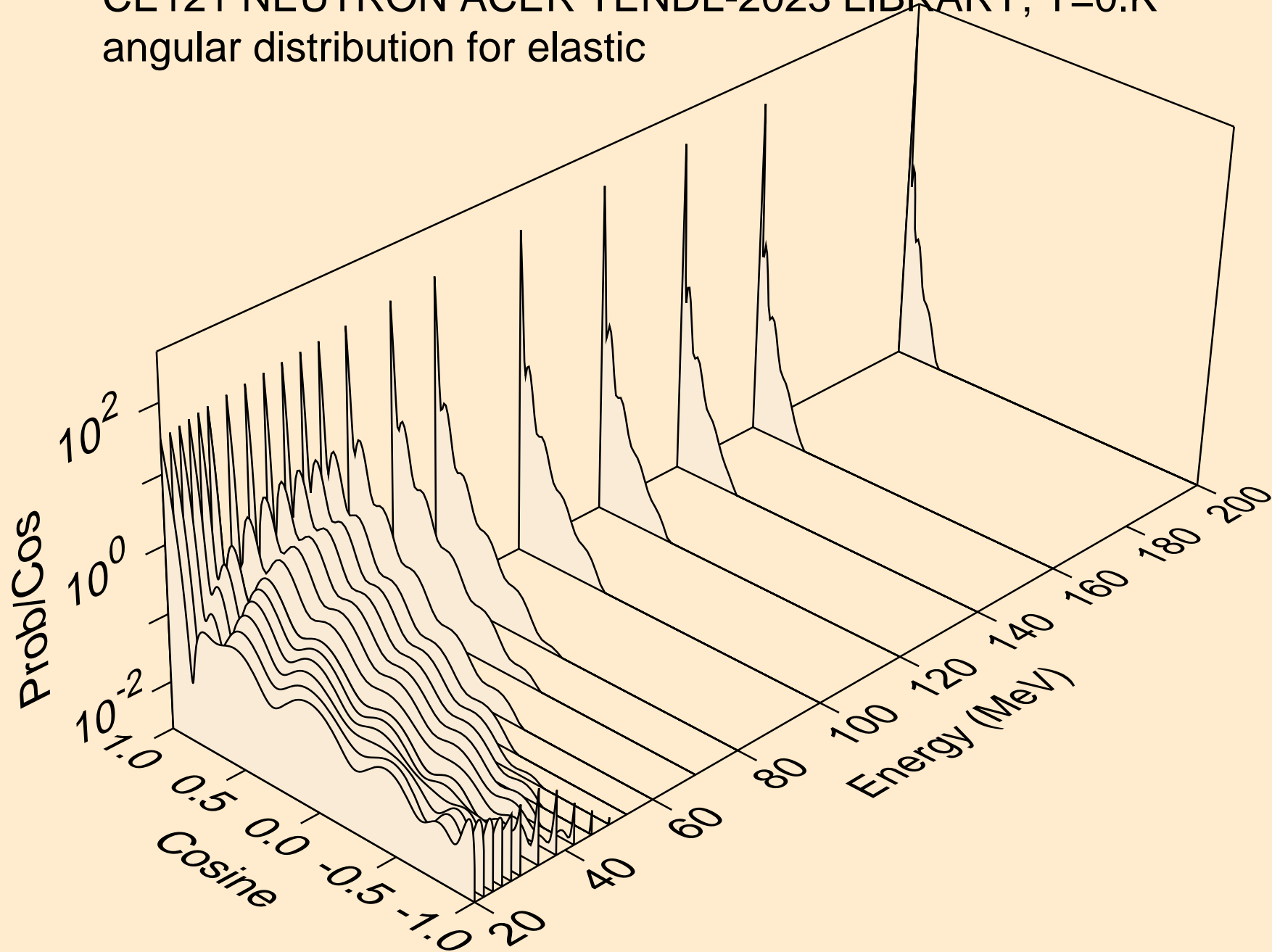
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



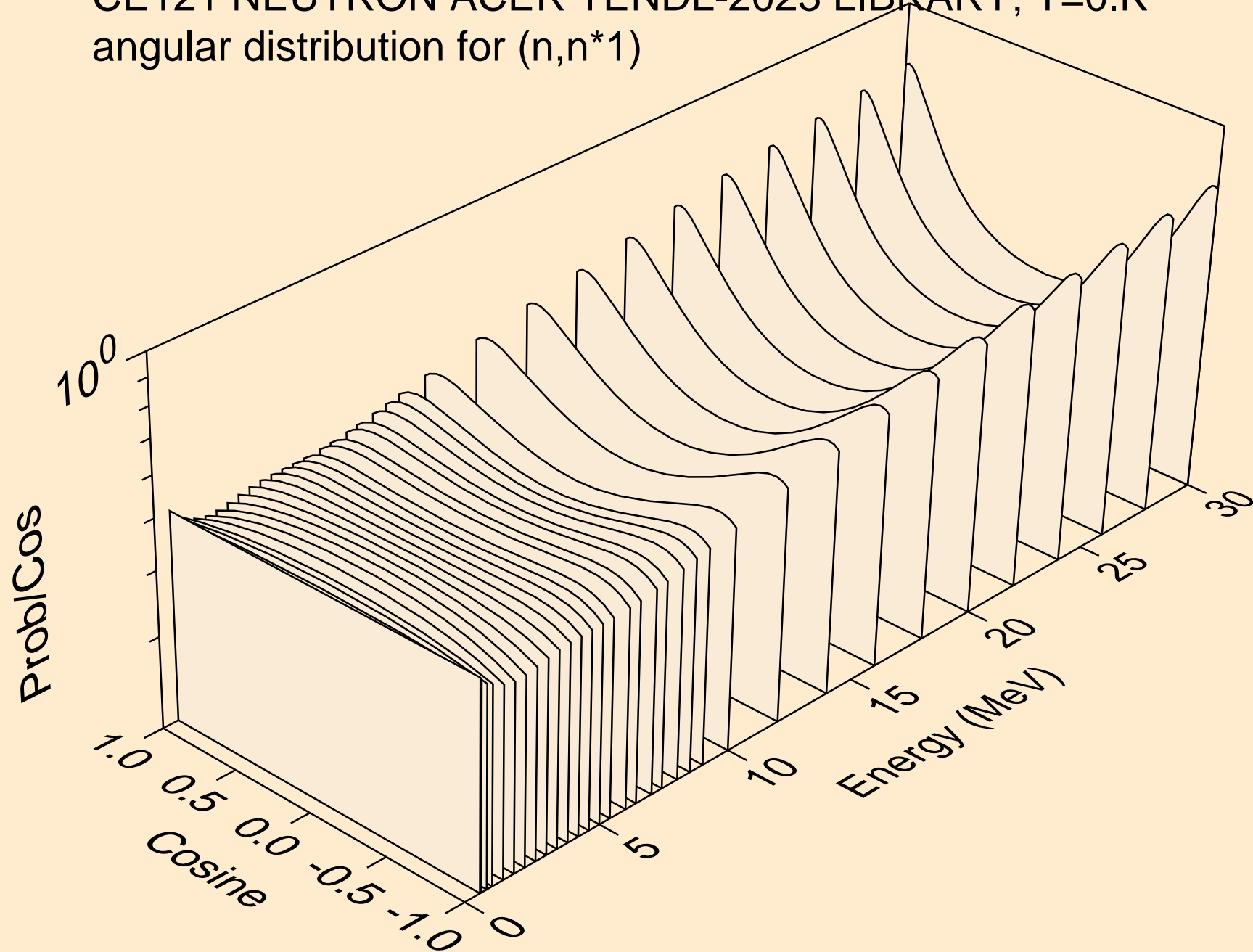
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



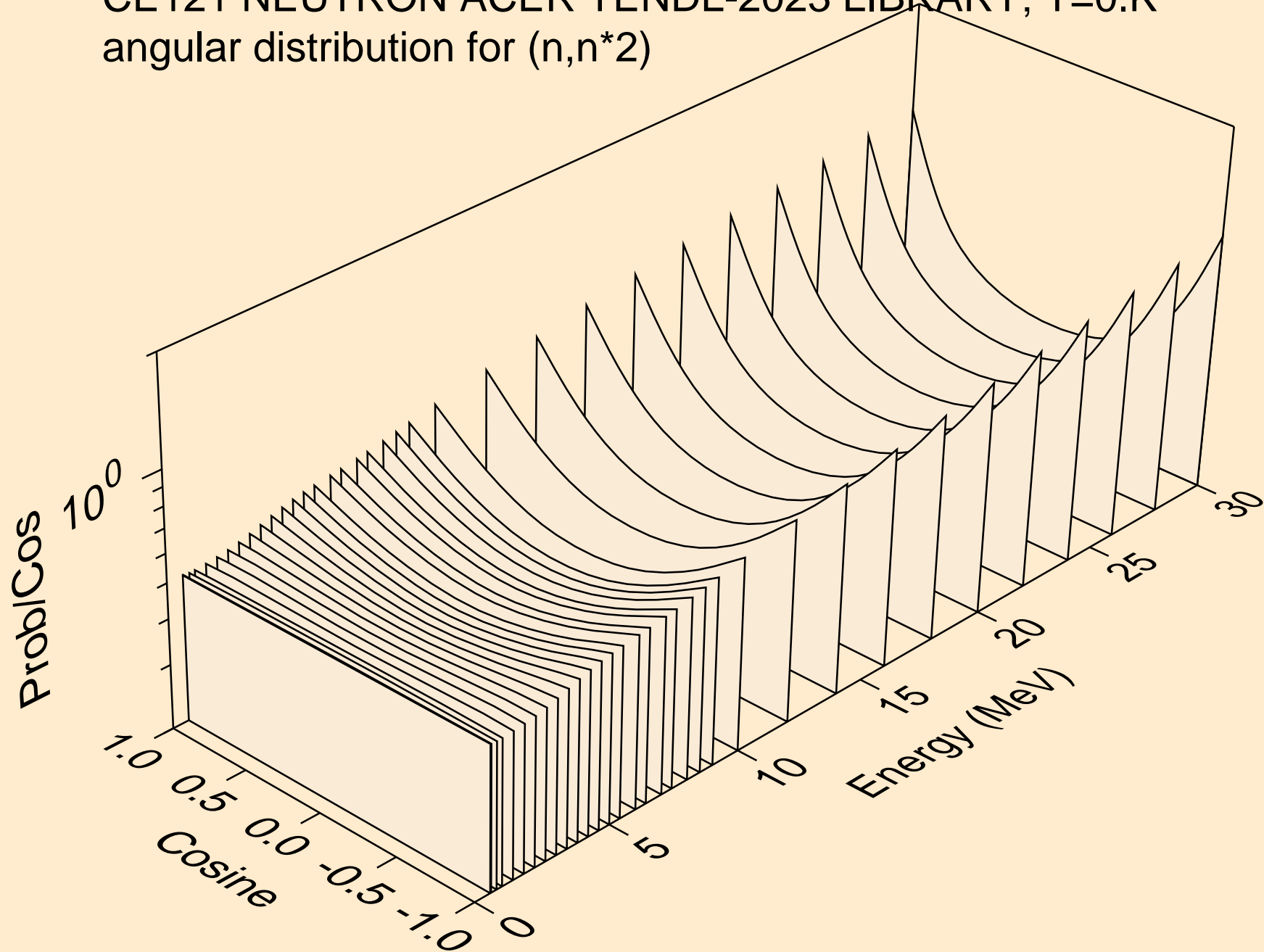
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



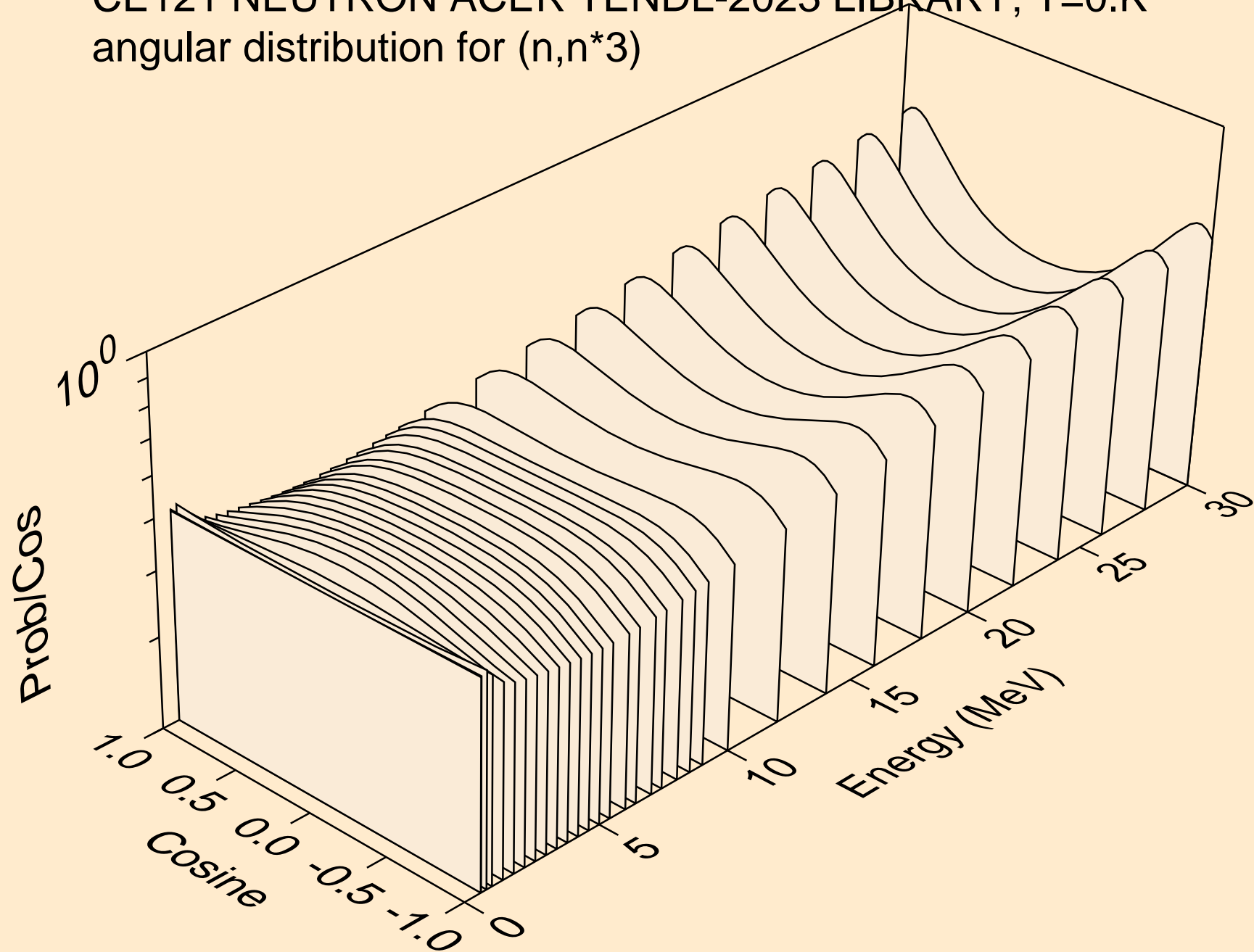
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



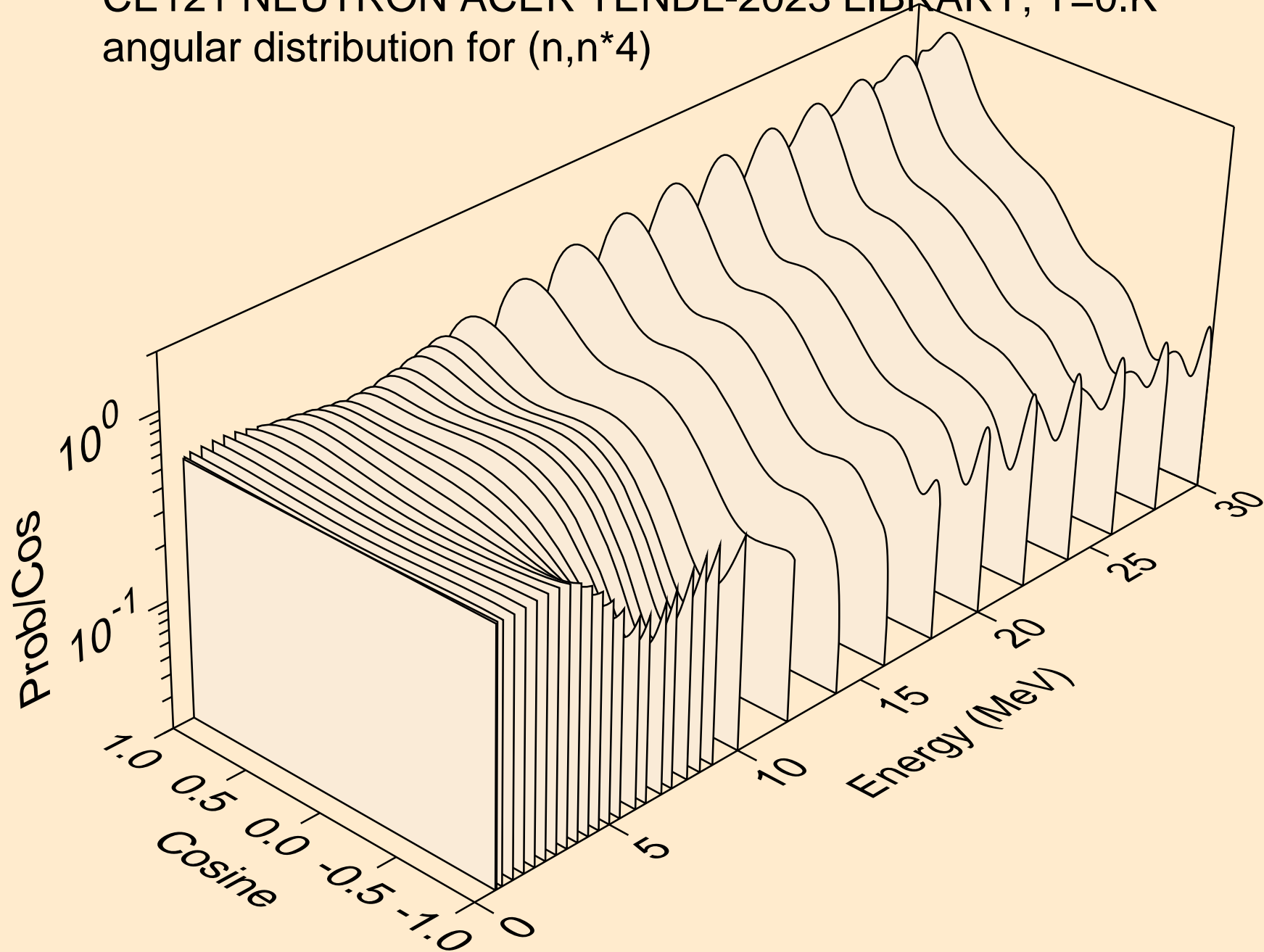
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



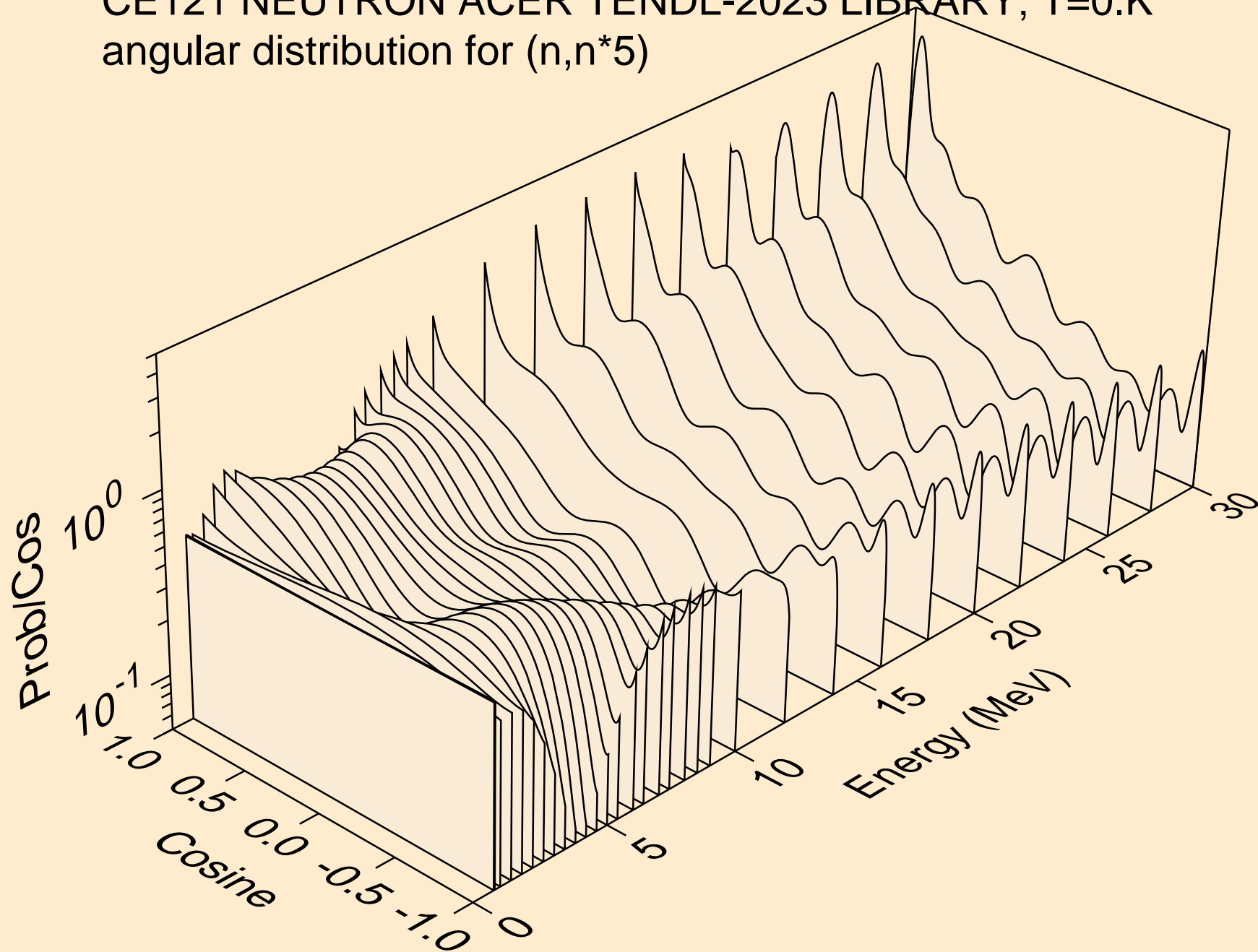
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



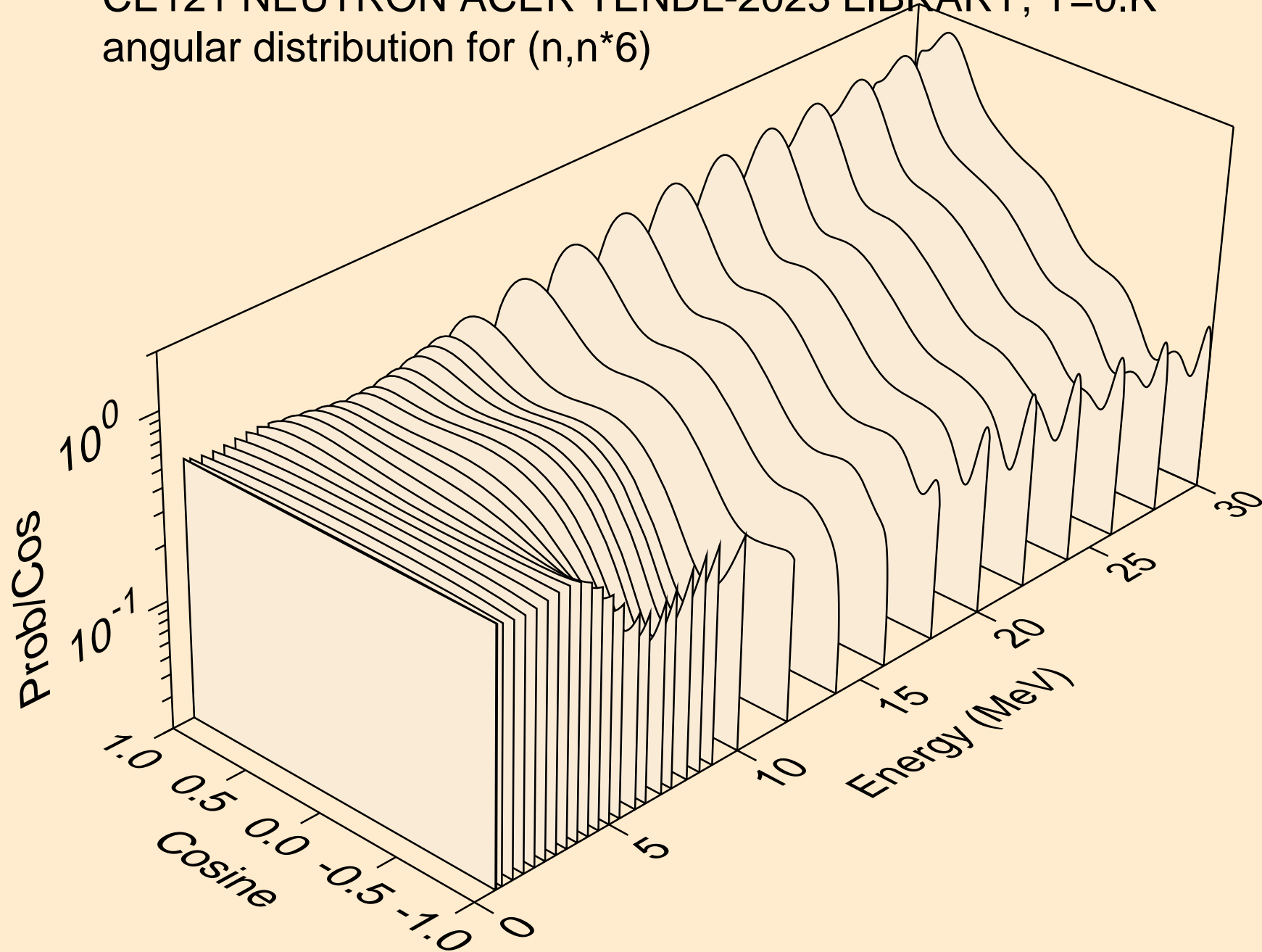
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angular distribution for (n,n*4)



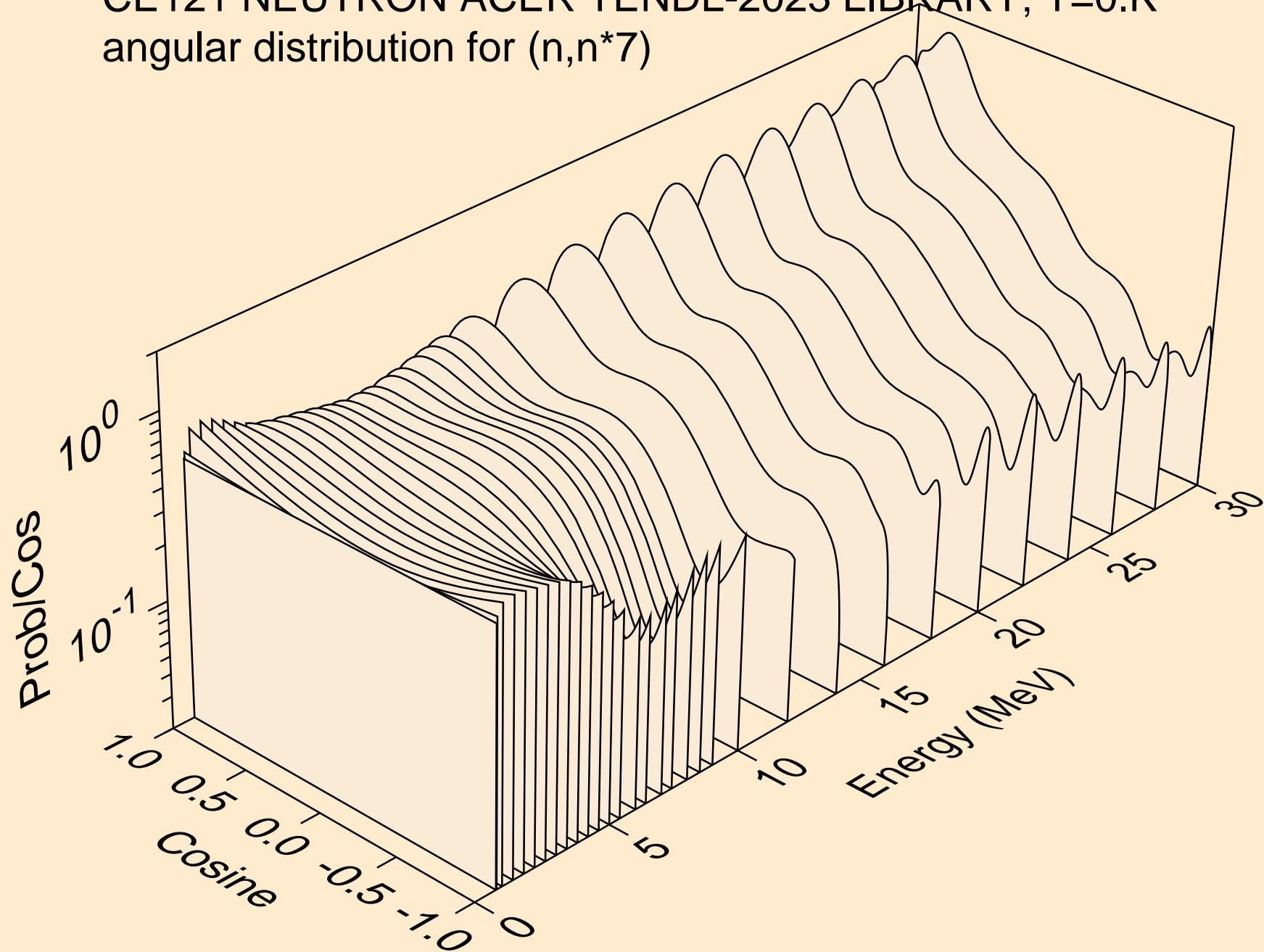
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angular distribution for (n,n*5)



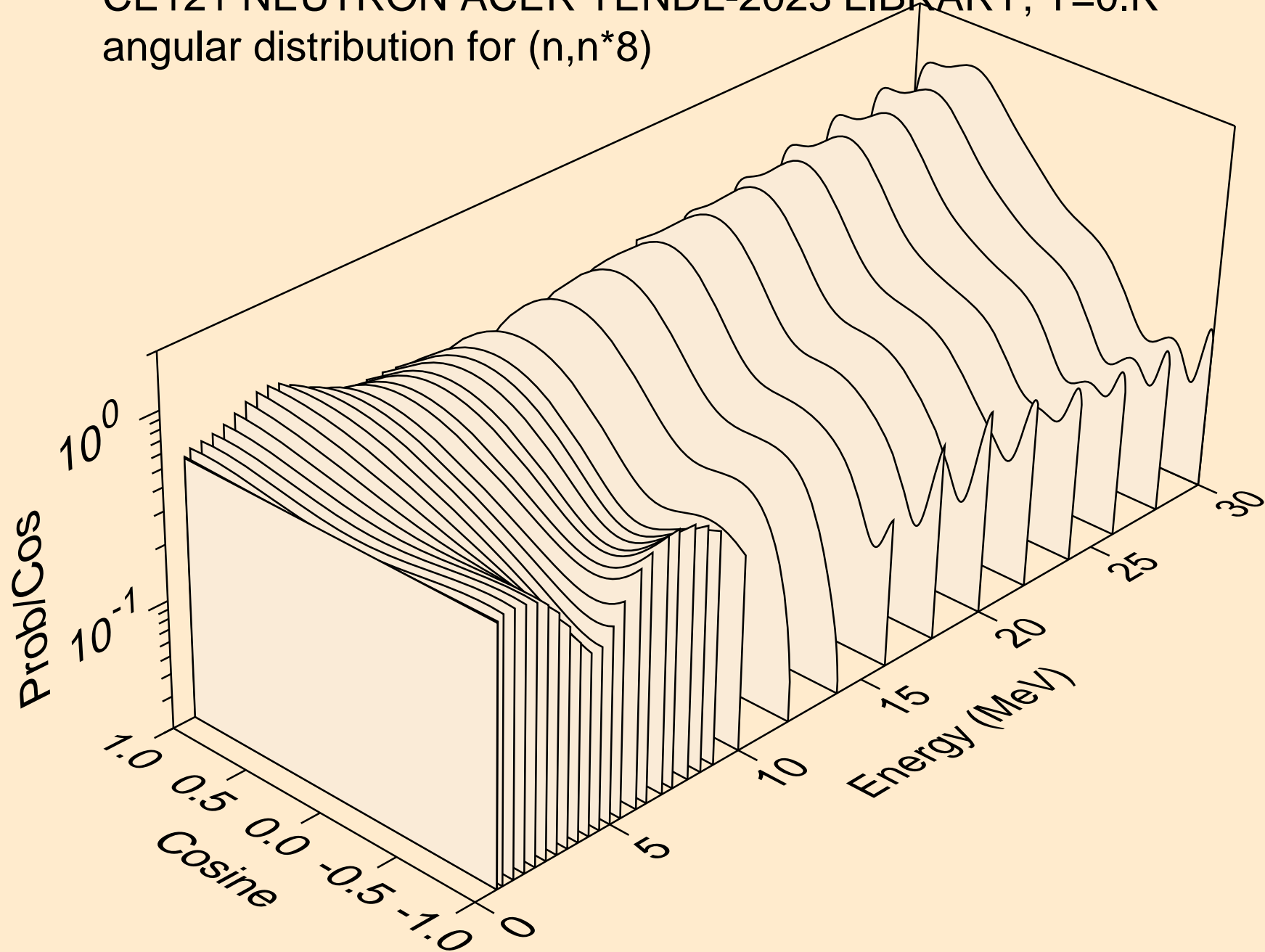
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



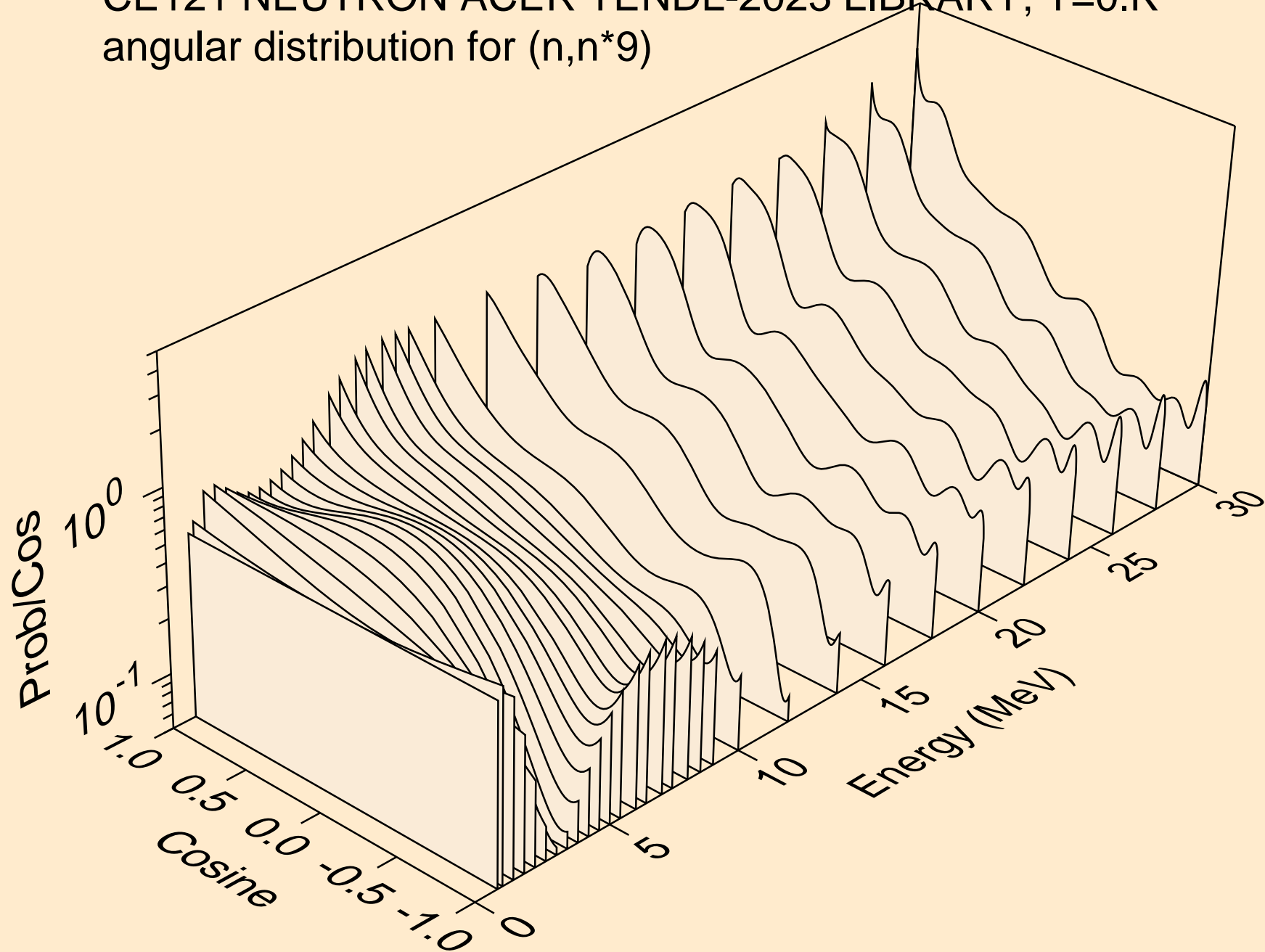
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



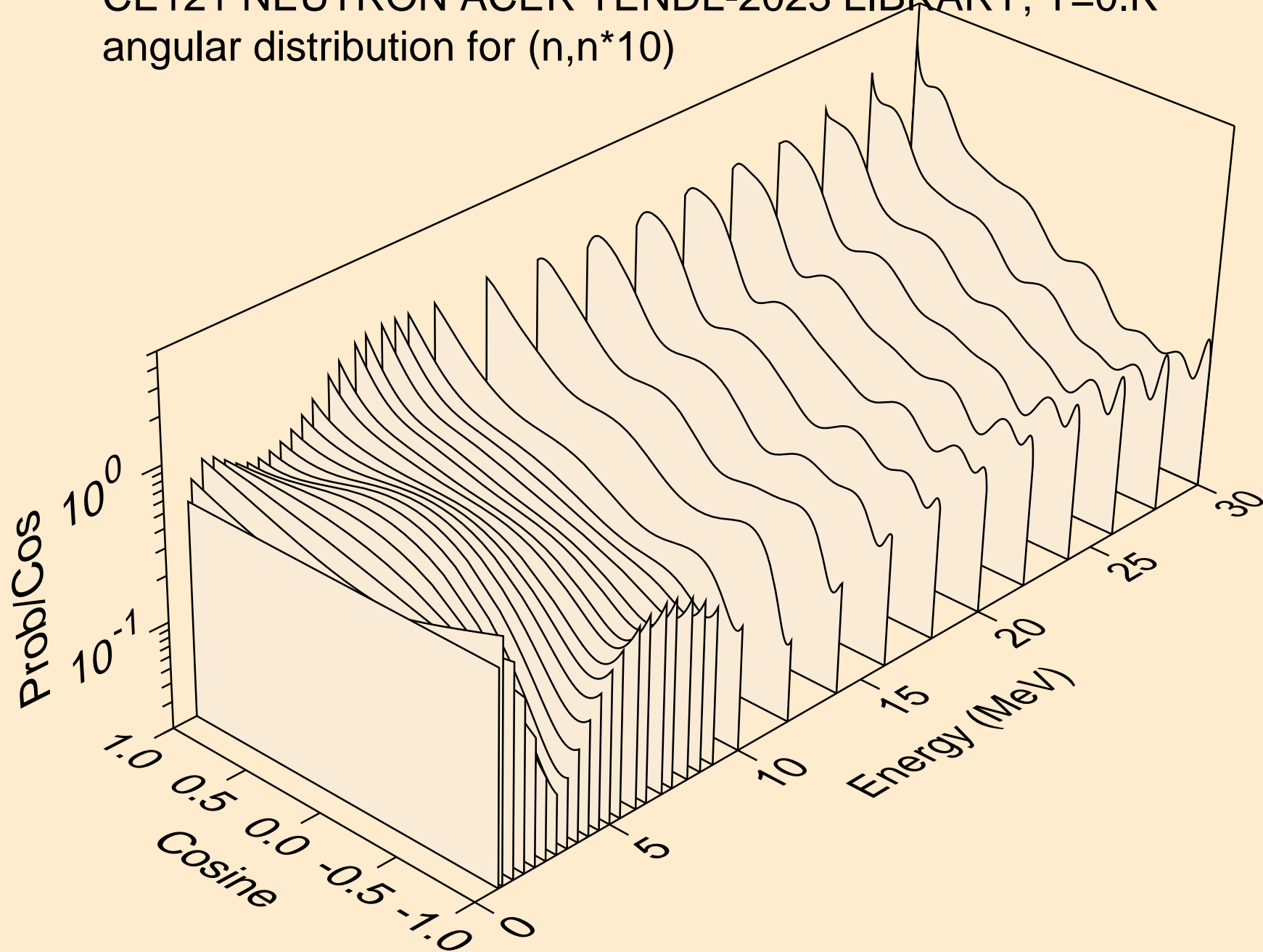
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



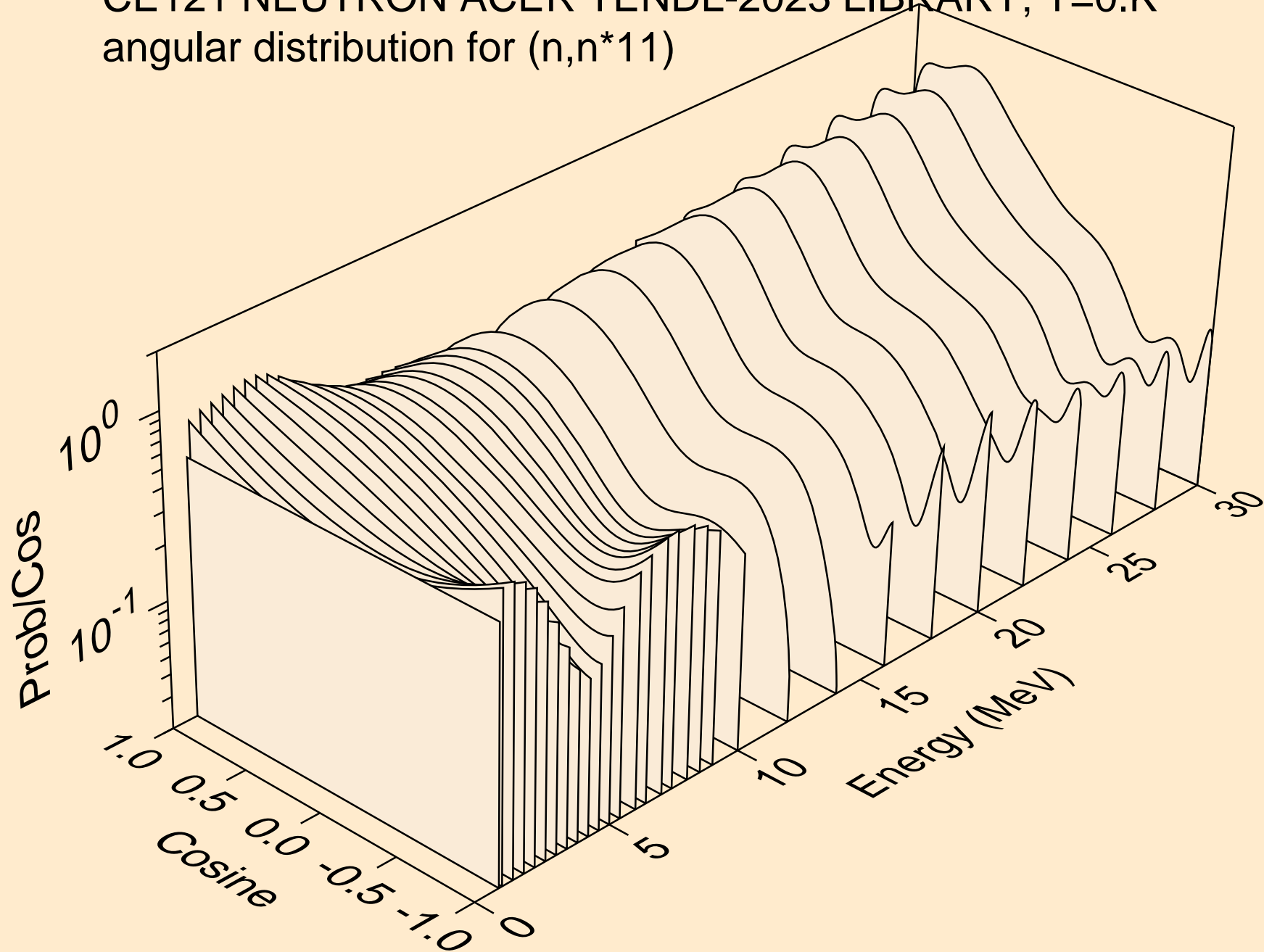
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



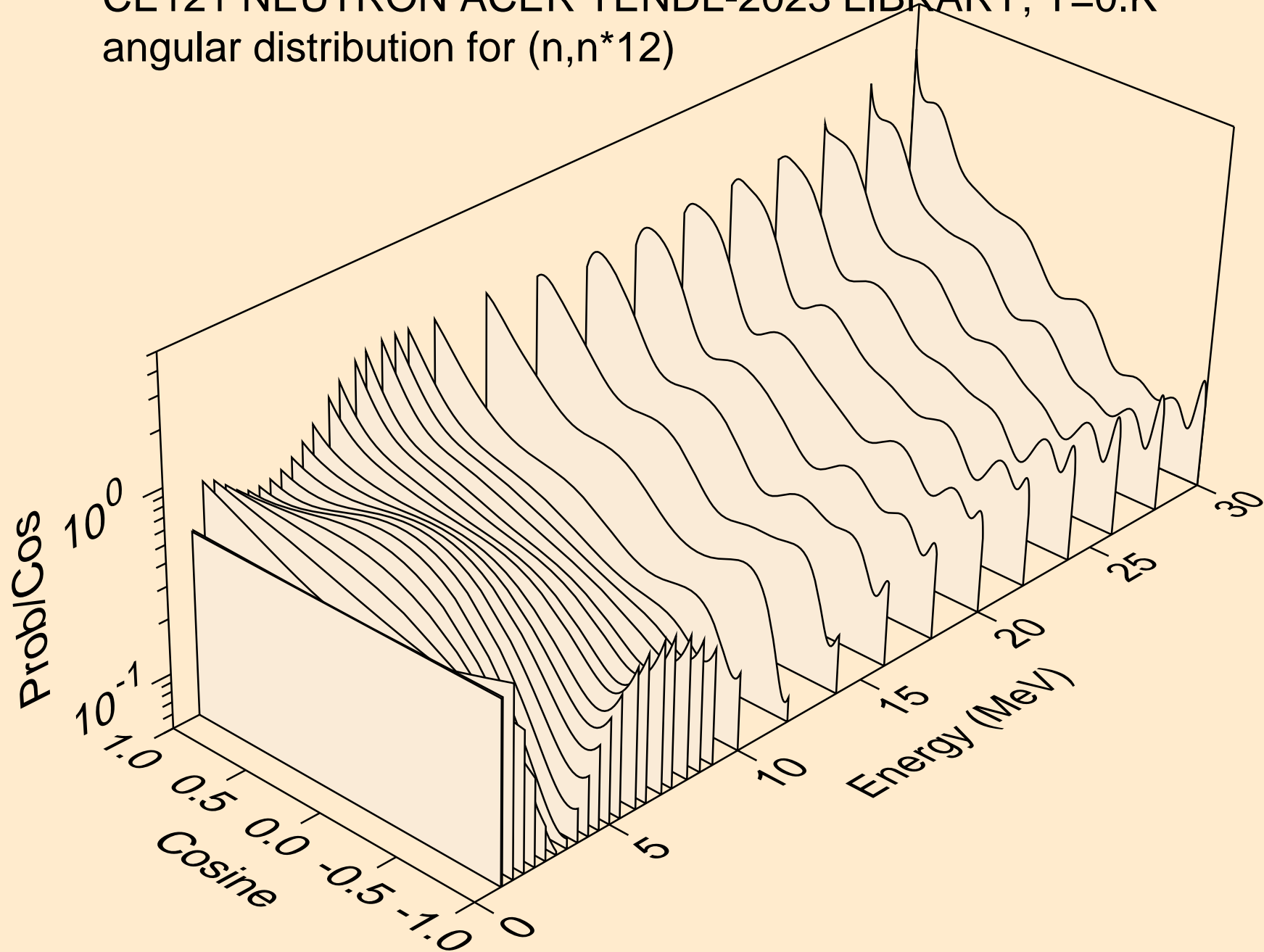
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angular distribution for (n,n*10)



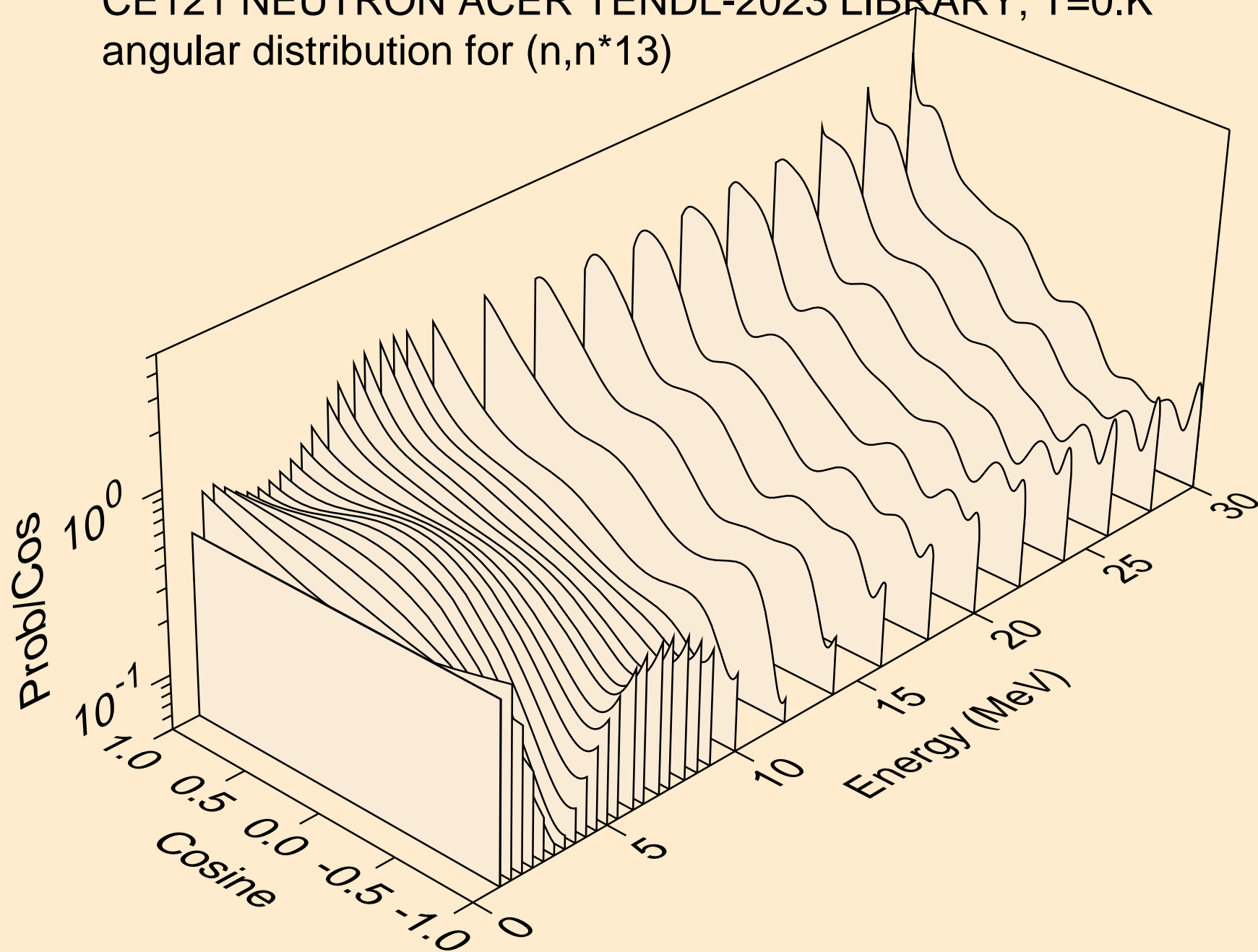
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angular distribution for (n,n*11)



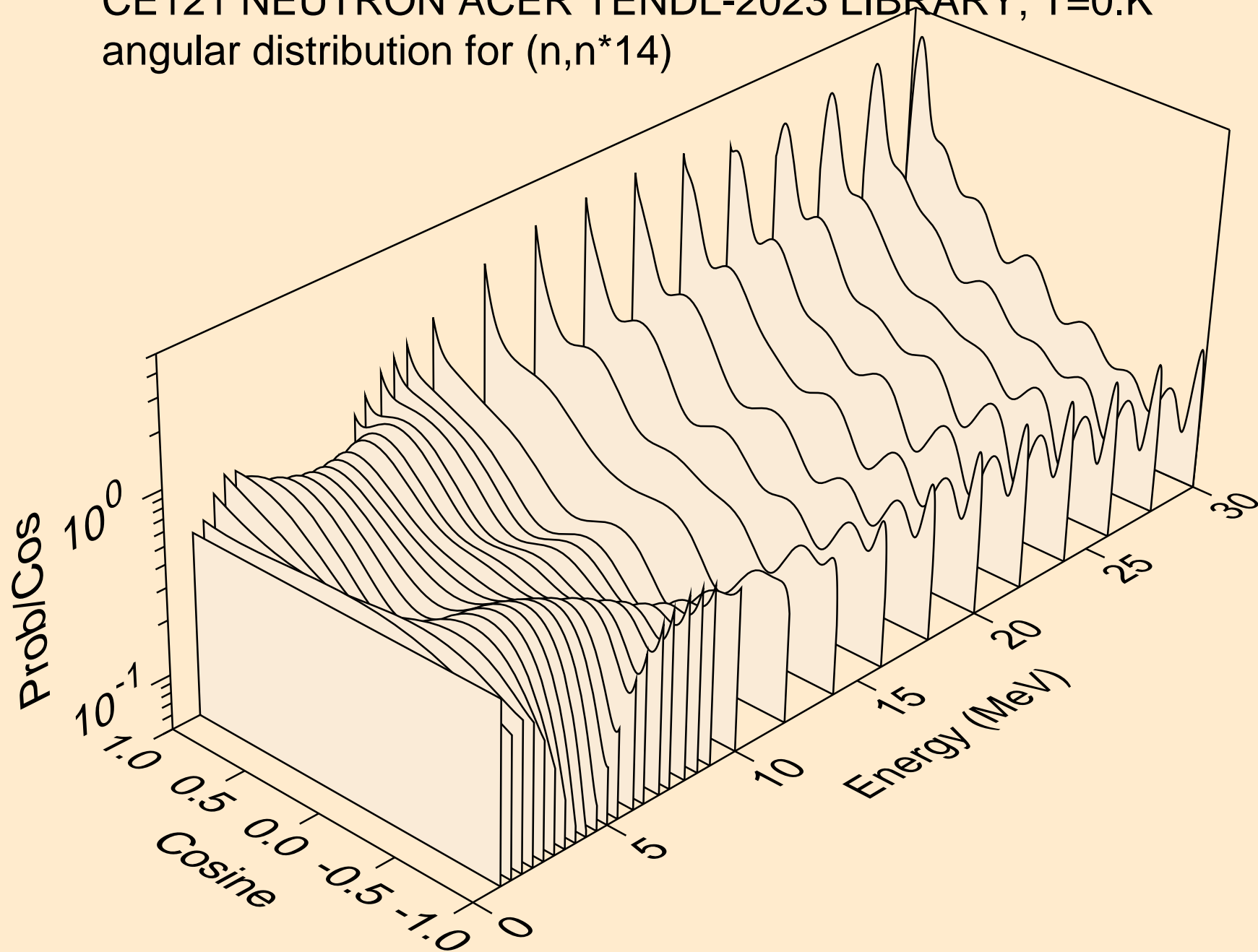
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



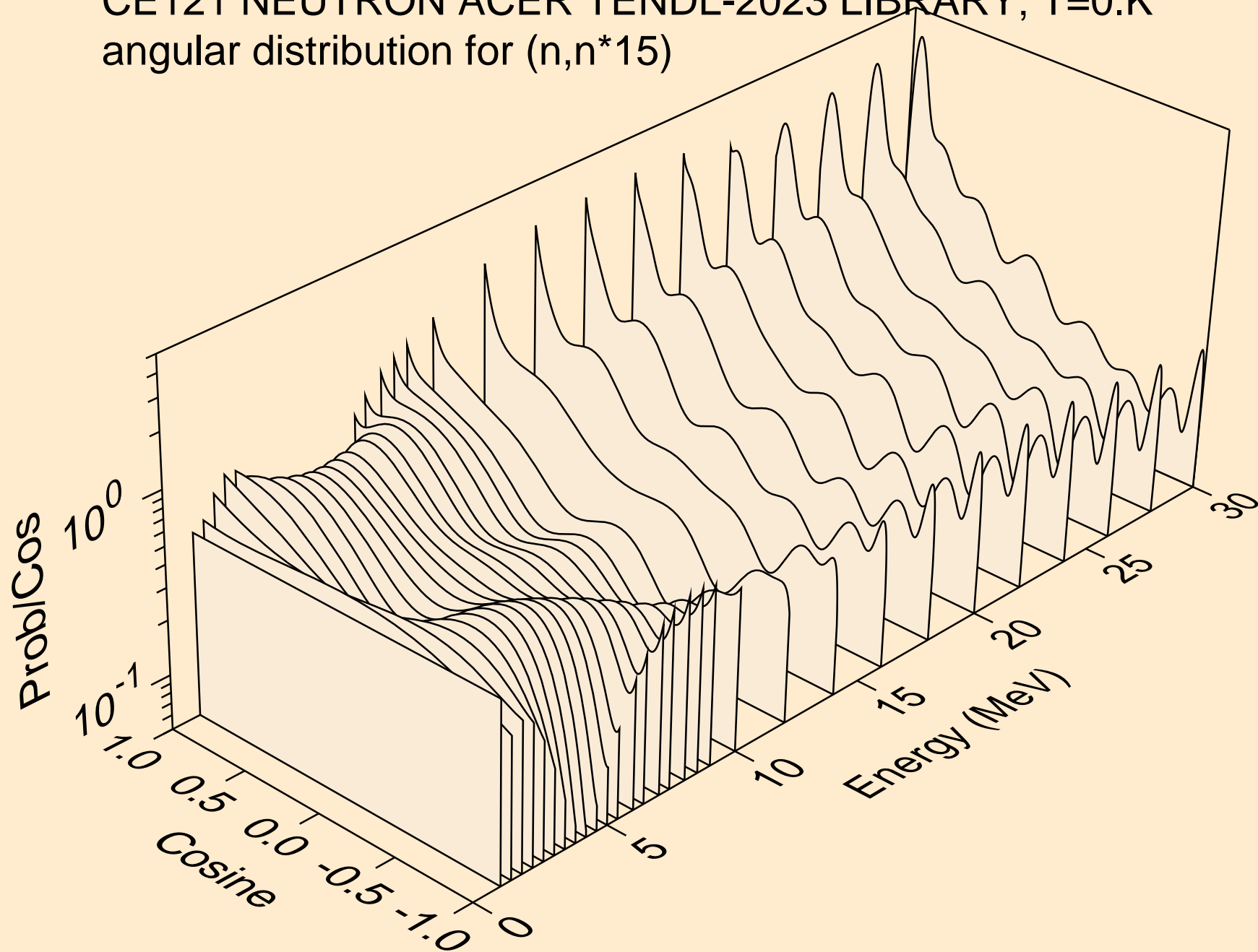
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



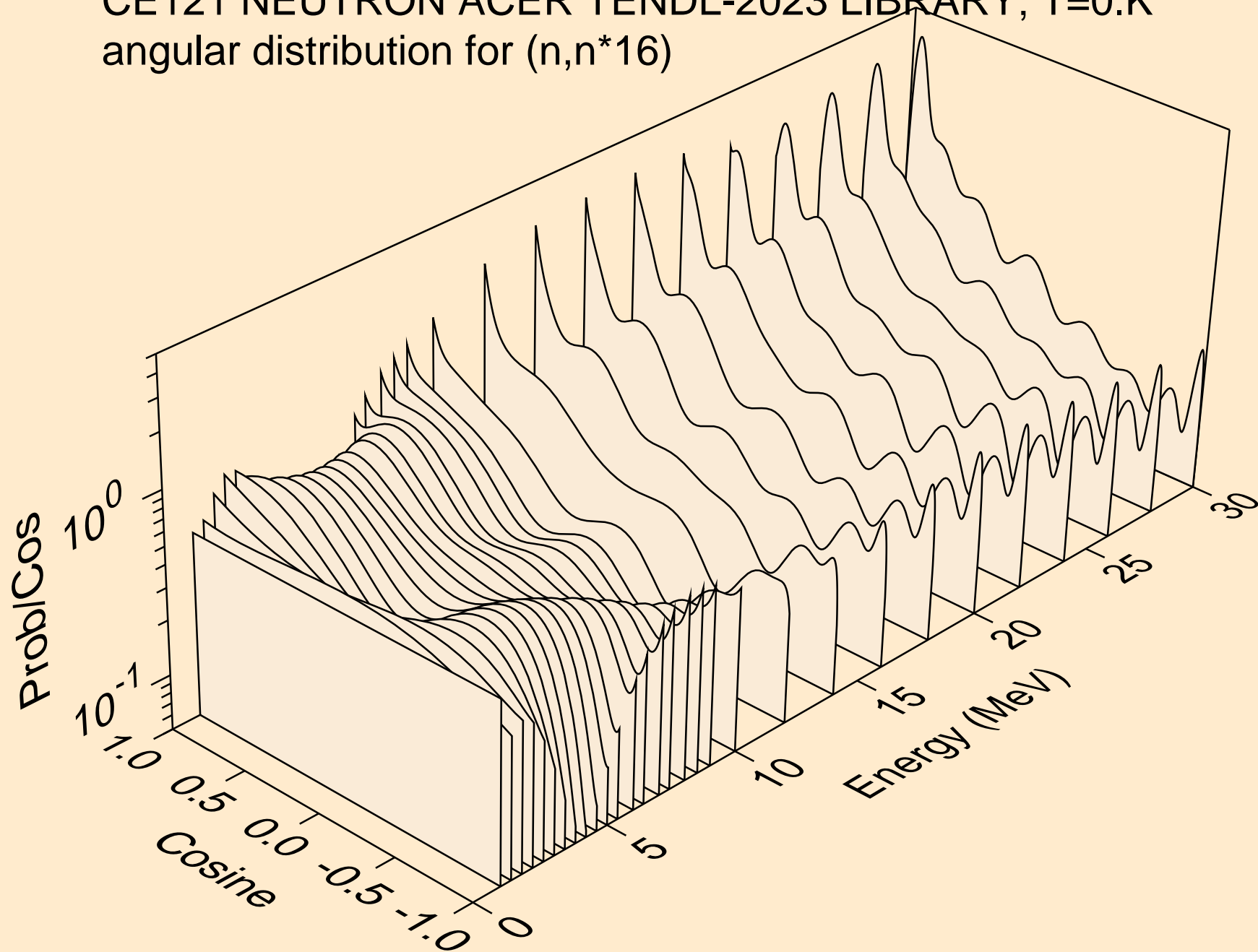
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angular distribution for (n,n*14)



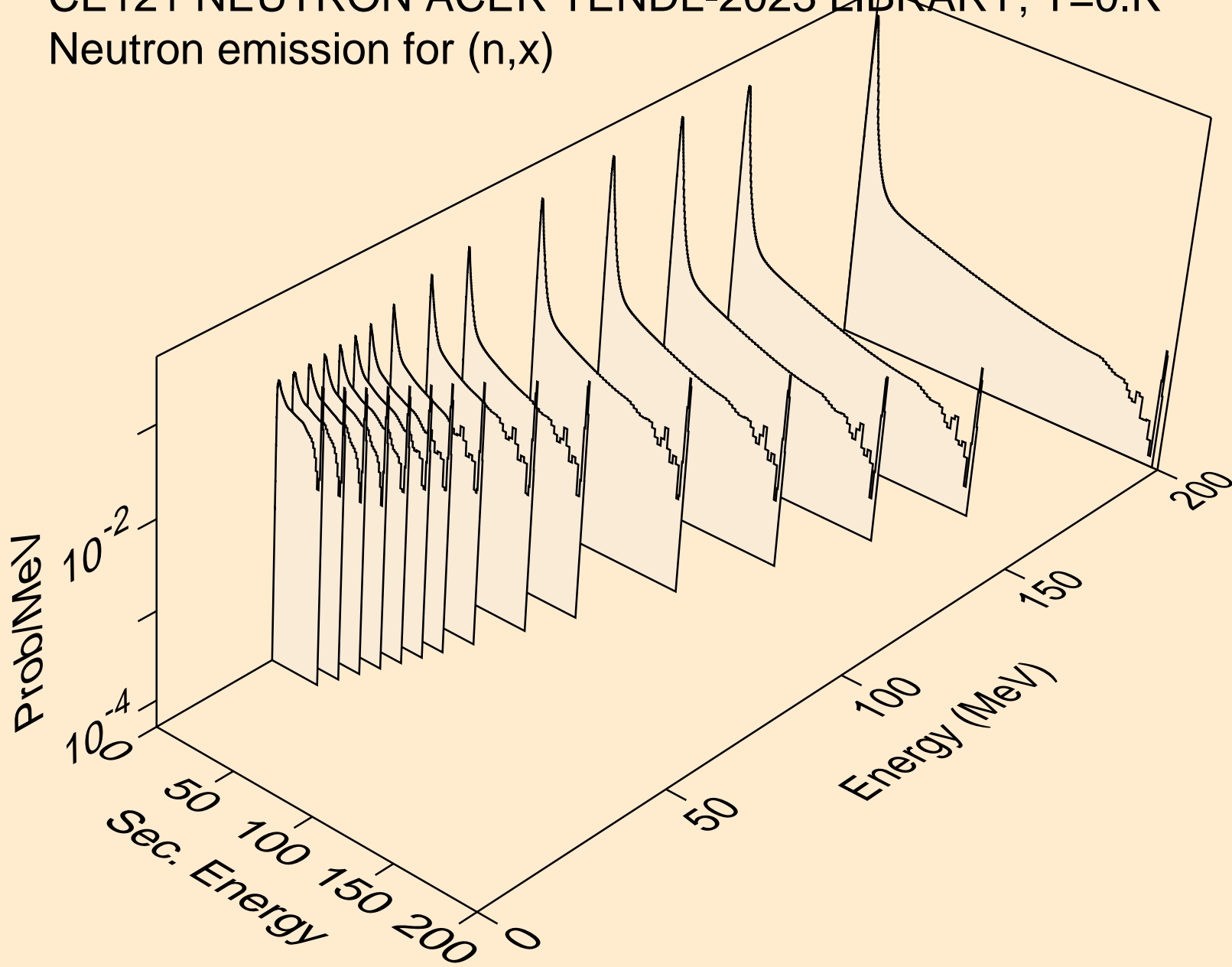
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angular distribution for (n,n*15)



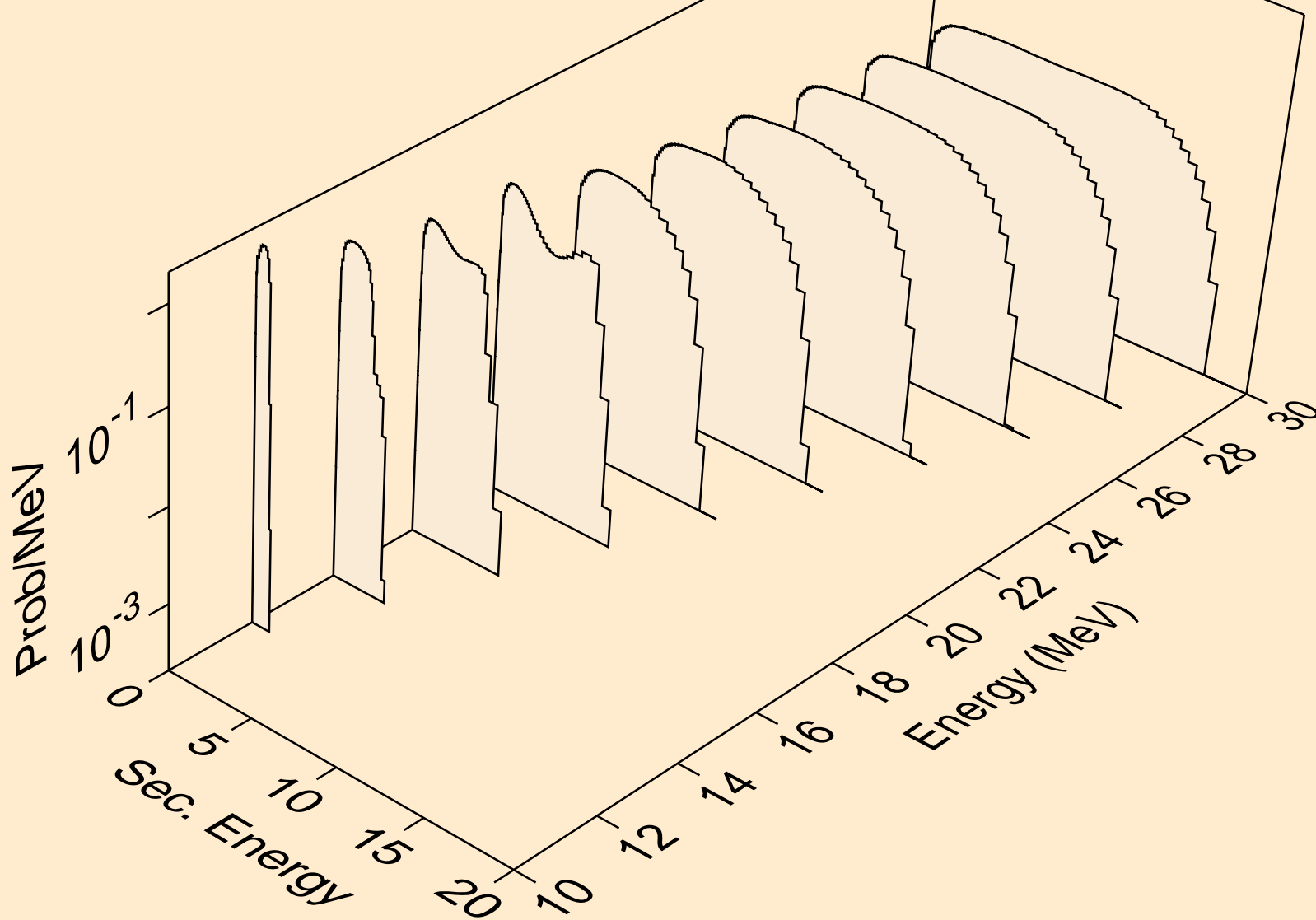
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angular distribution for (n,n*16)



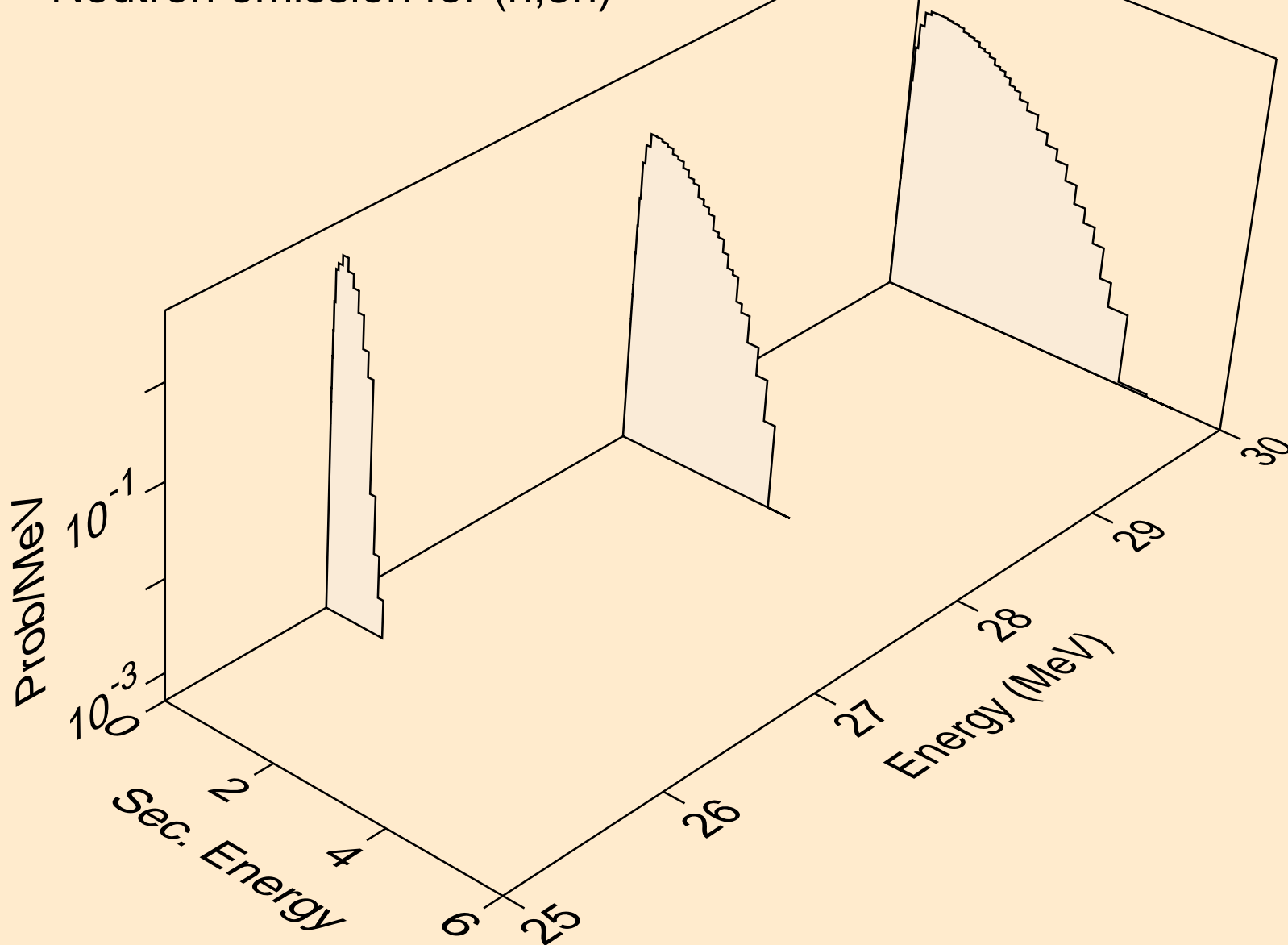
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



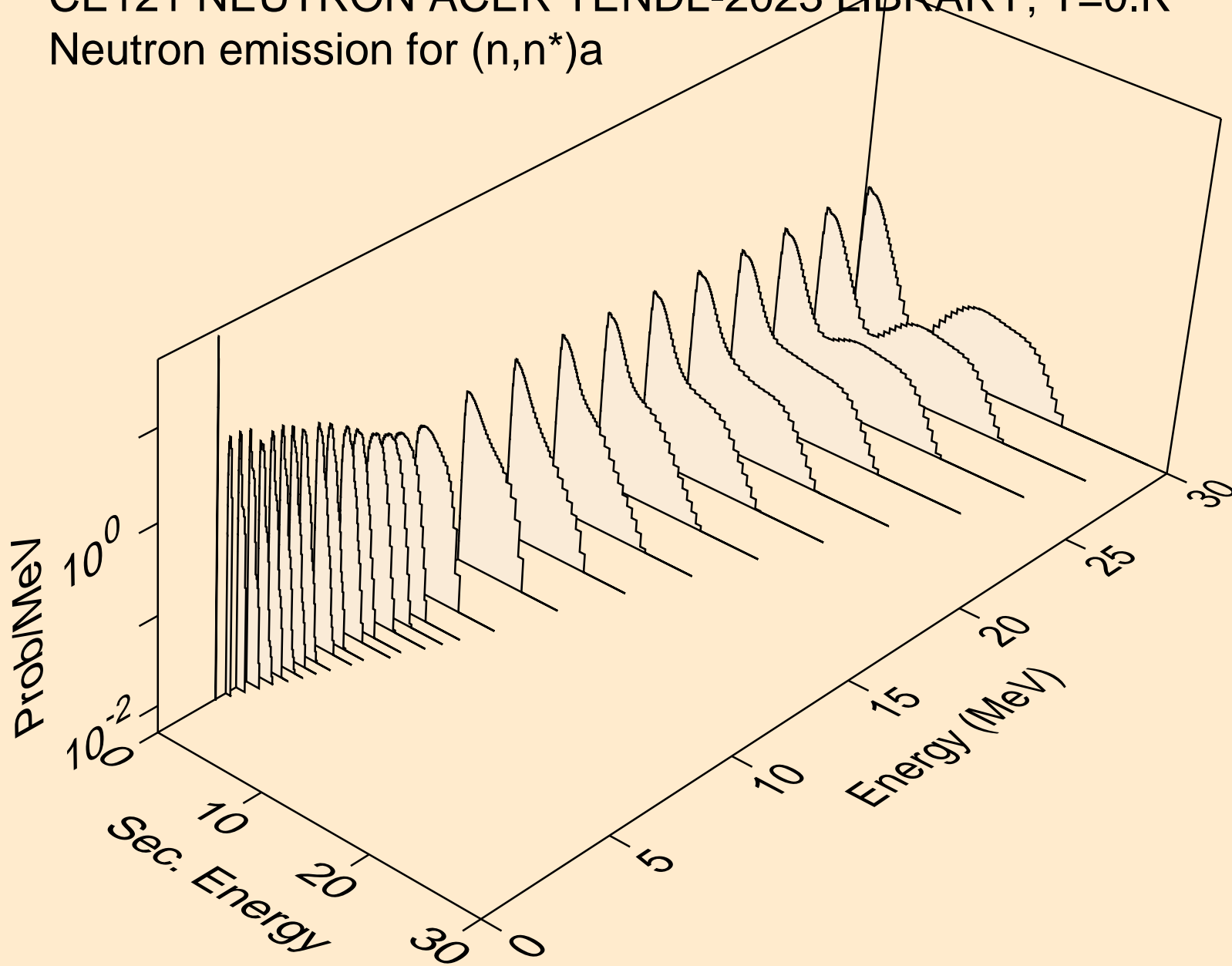
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



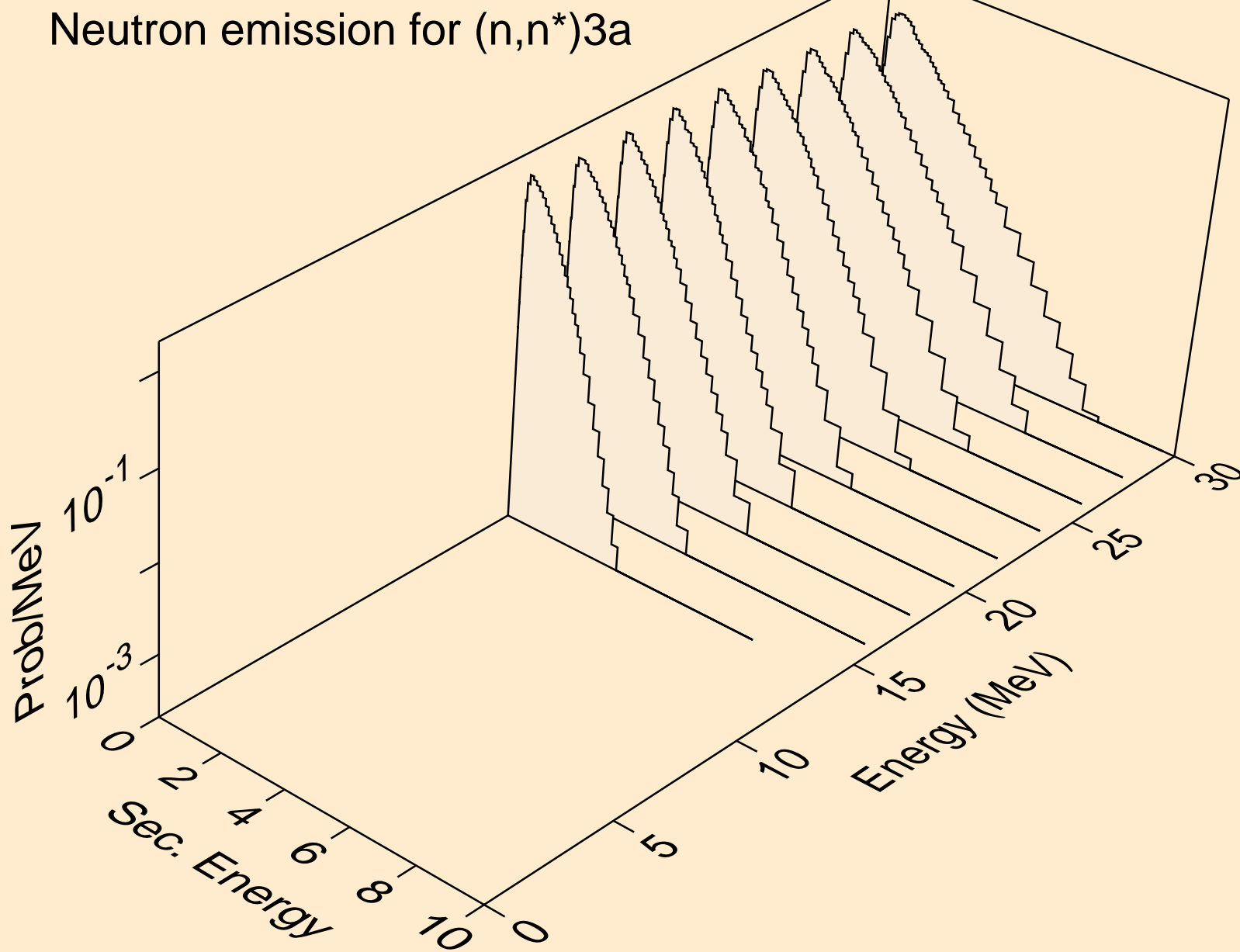
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



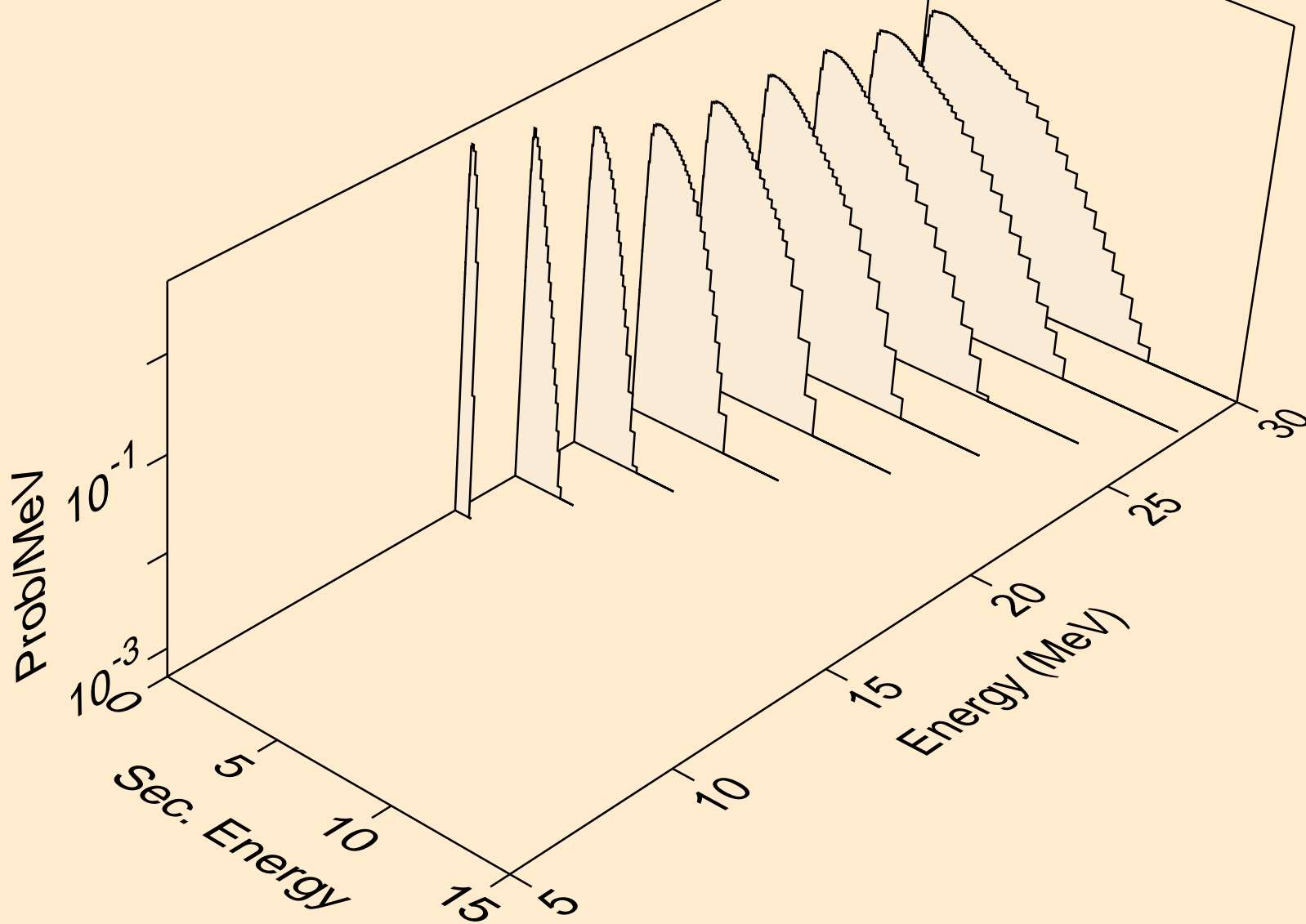
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



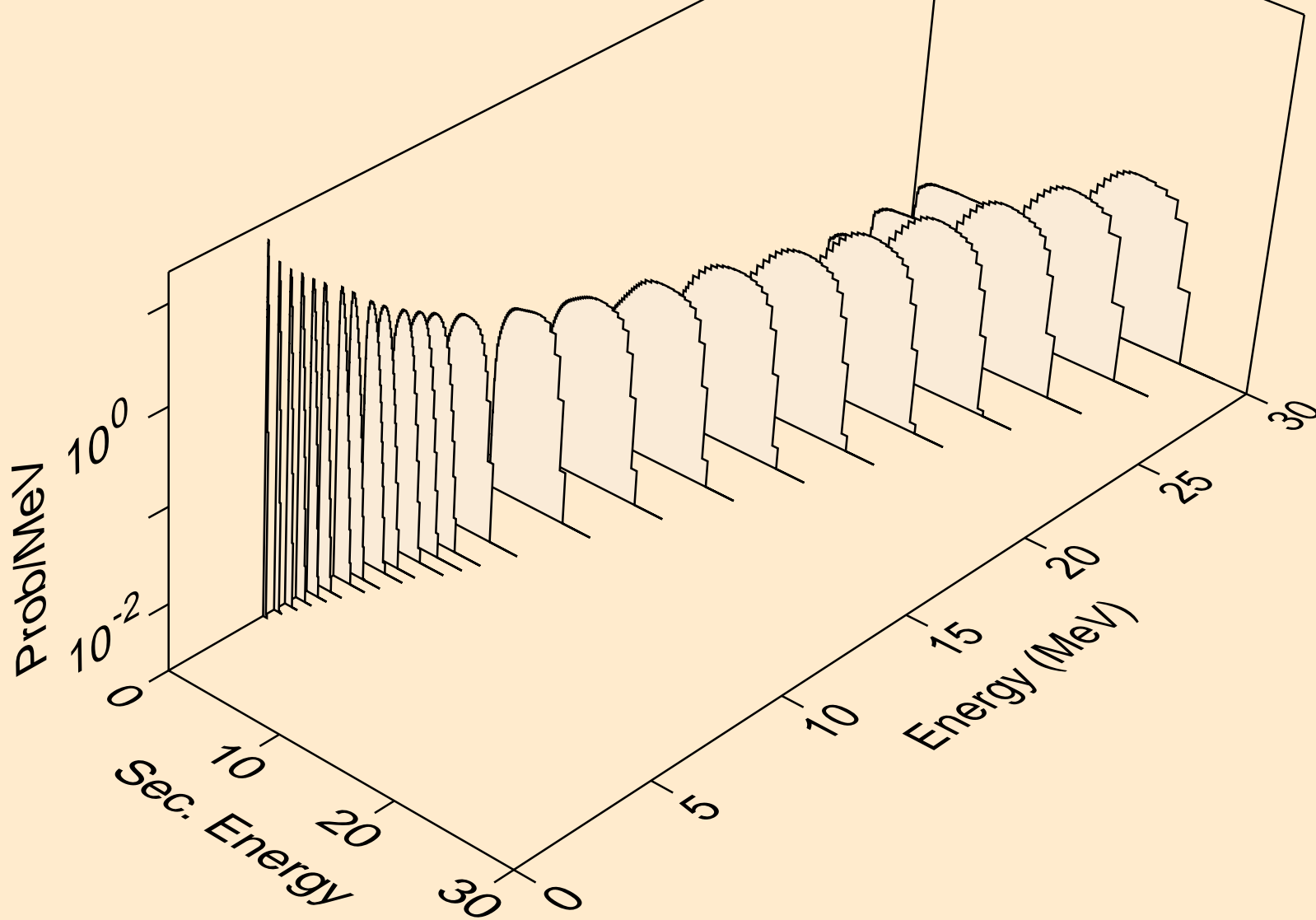
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)3a



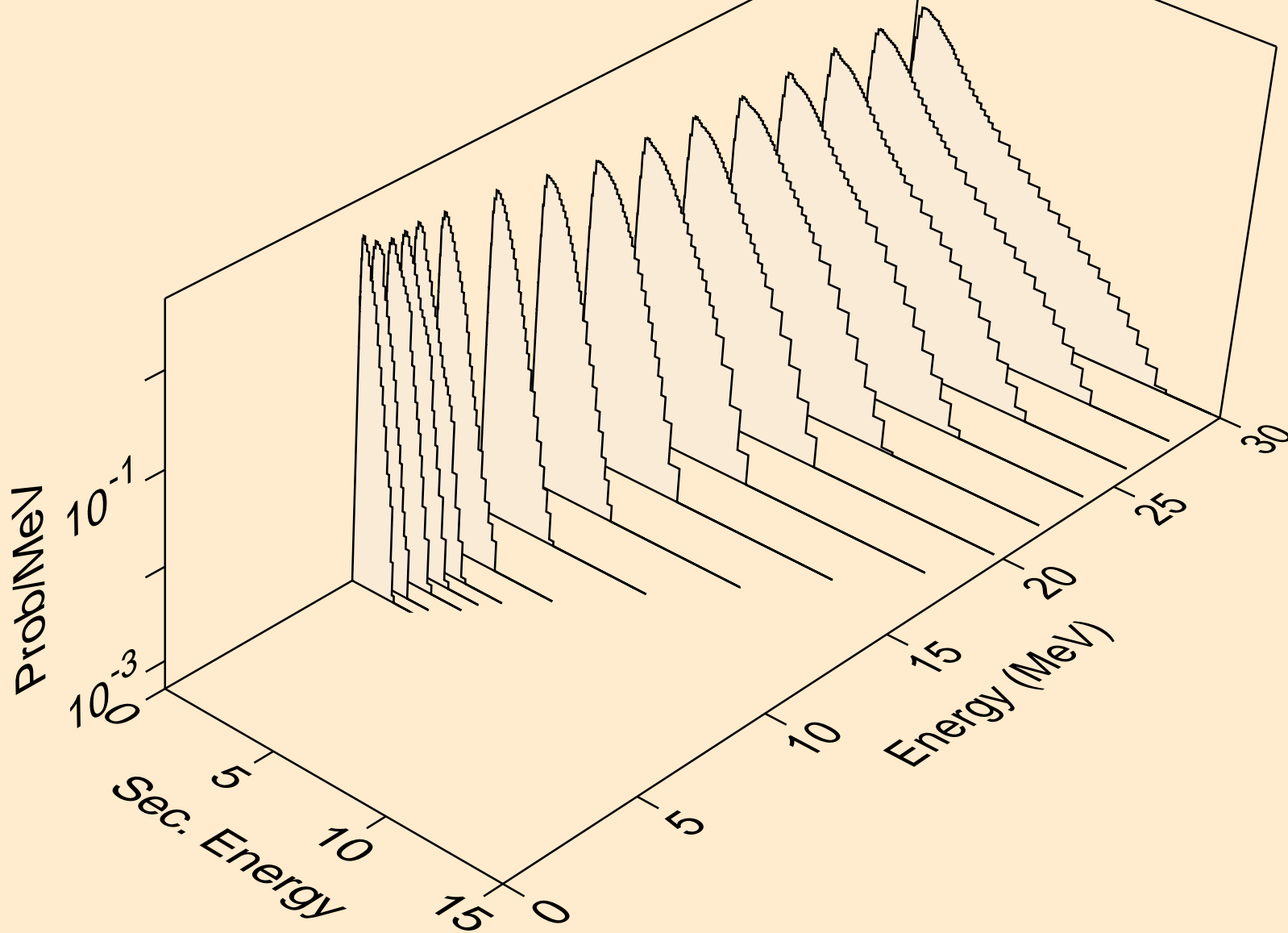
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



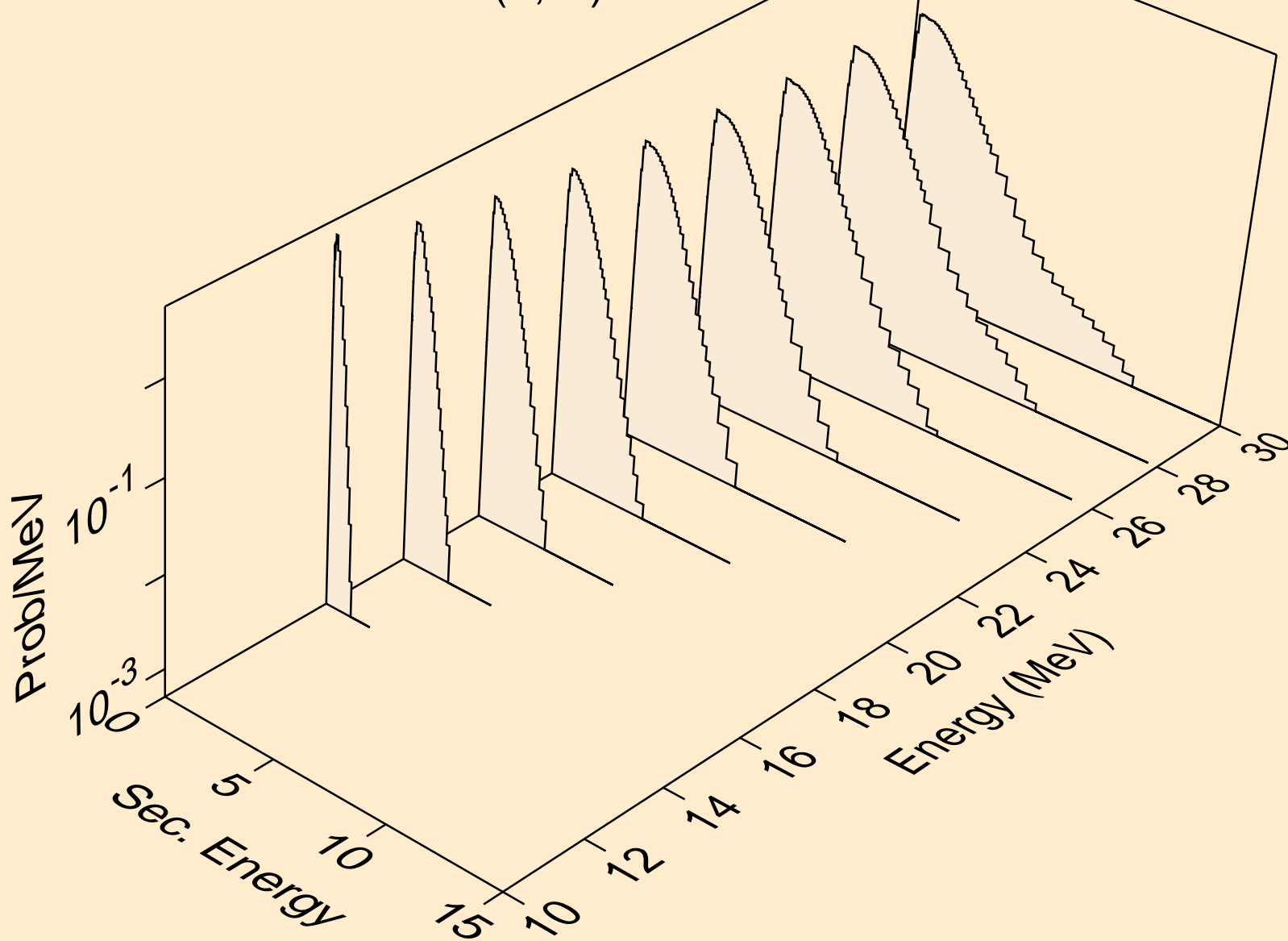
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



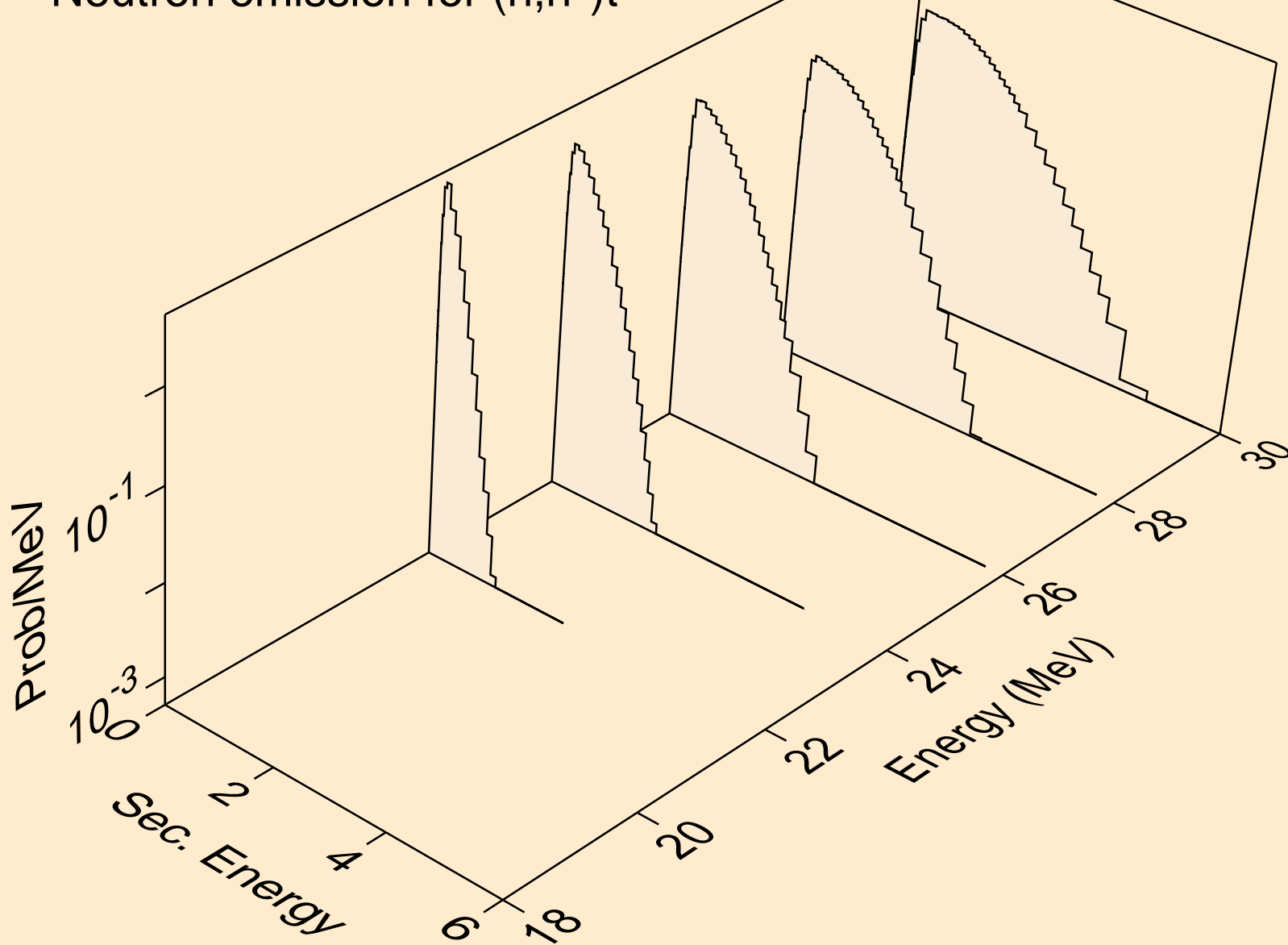
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Neutron emission for (n,n*)2a



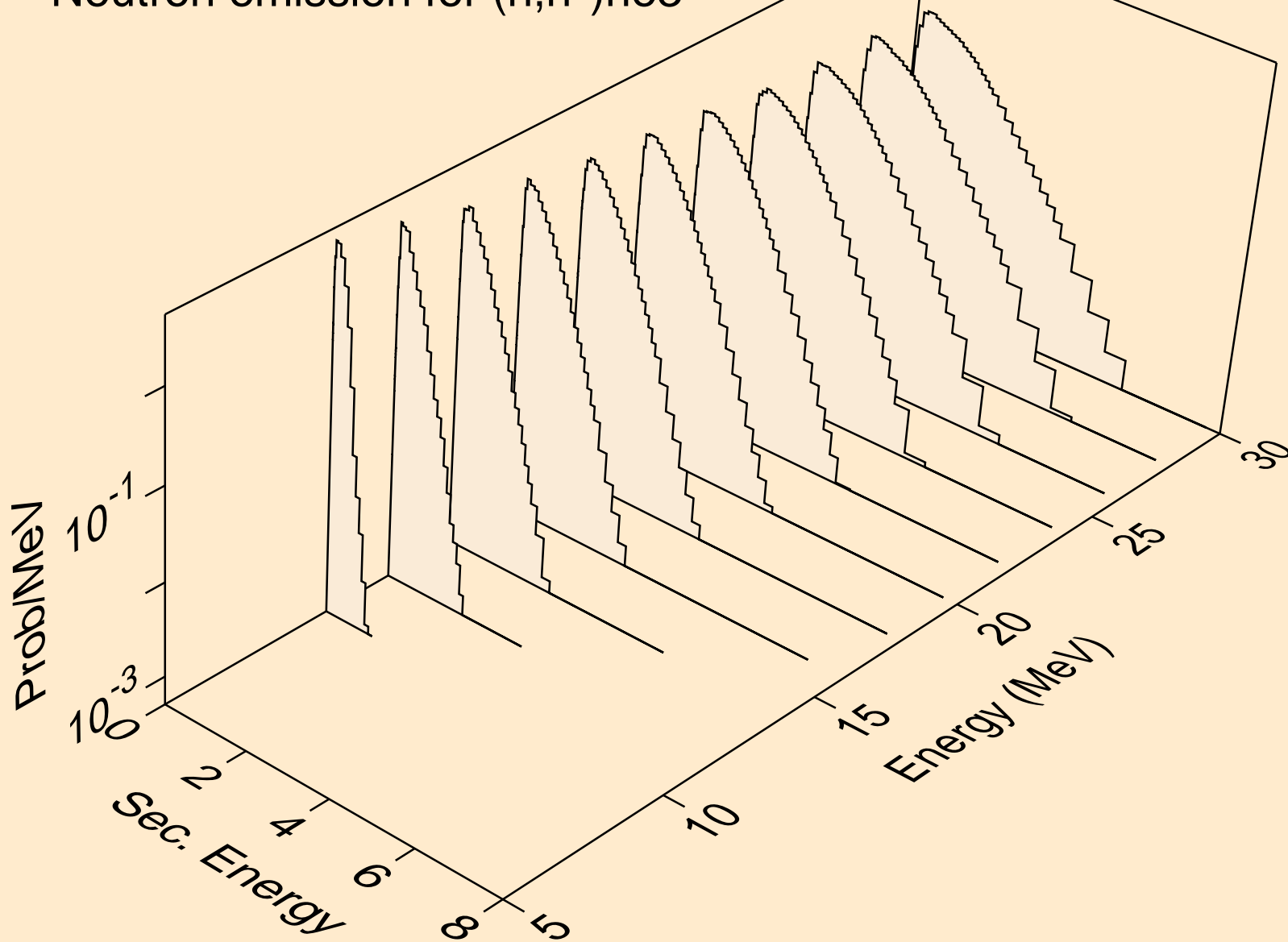
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



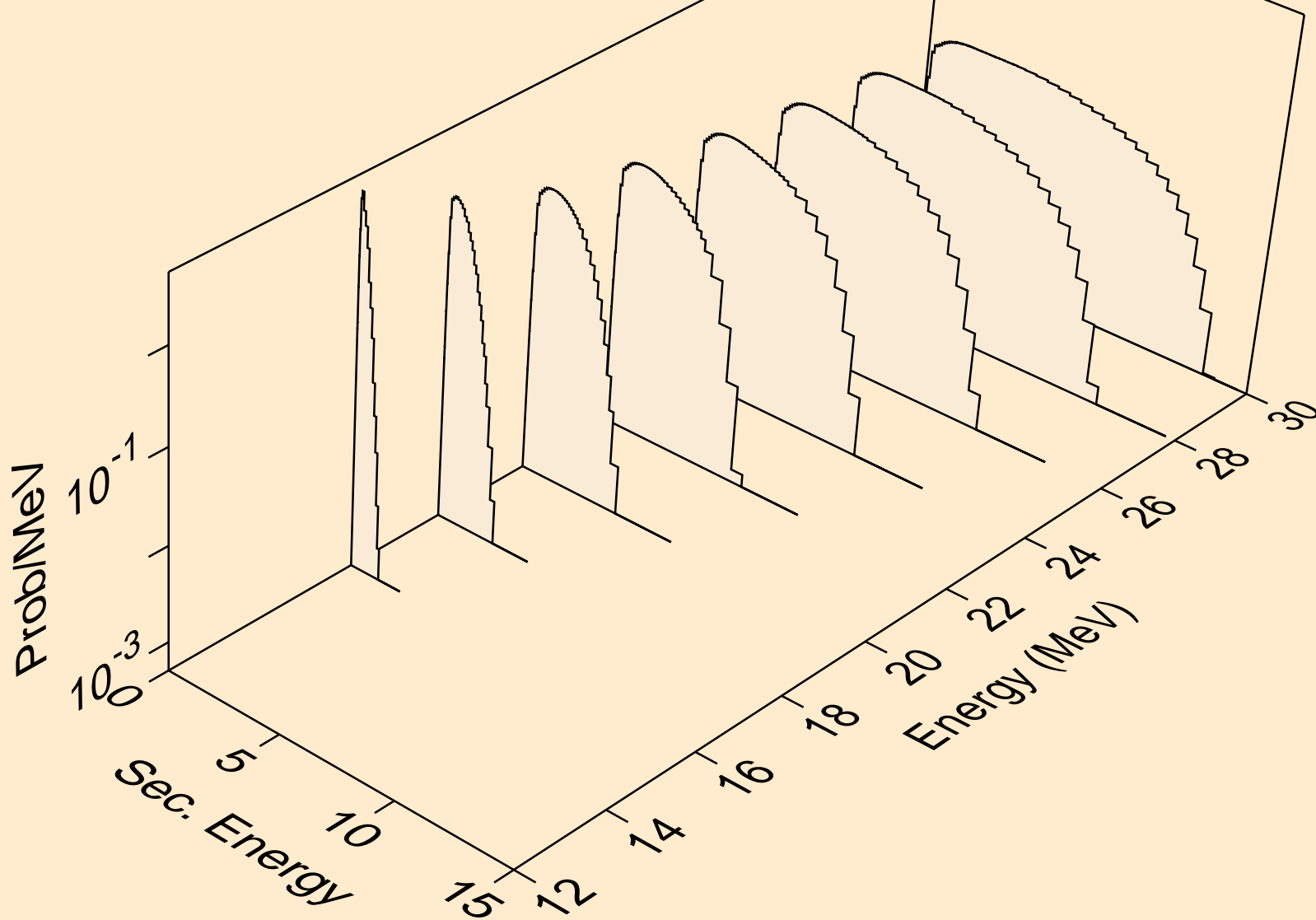
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



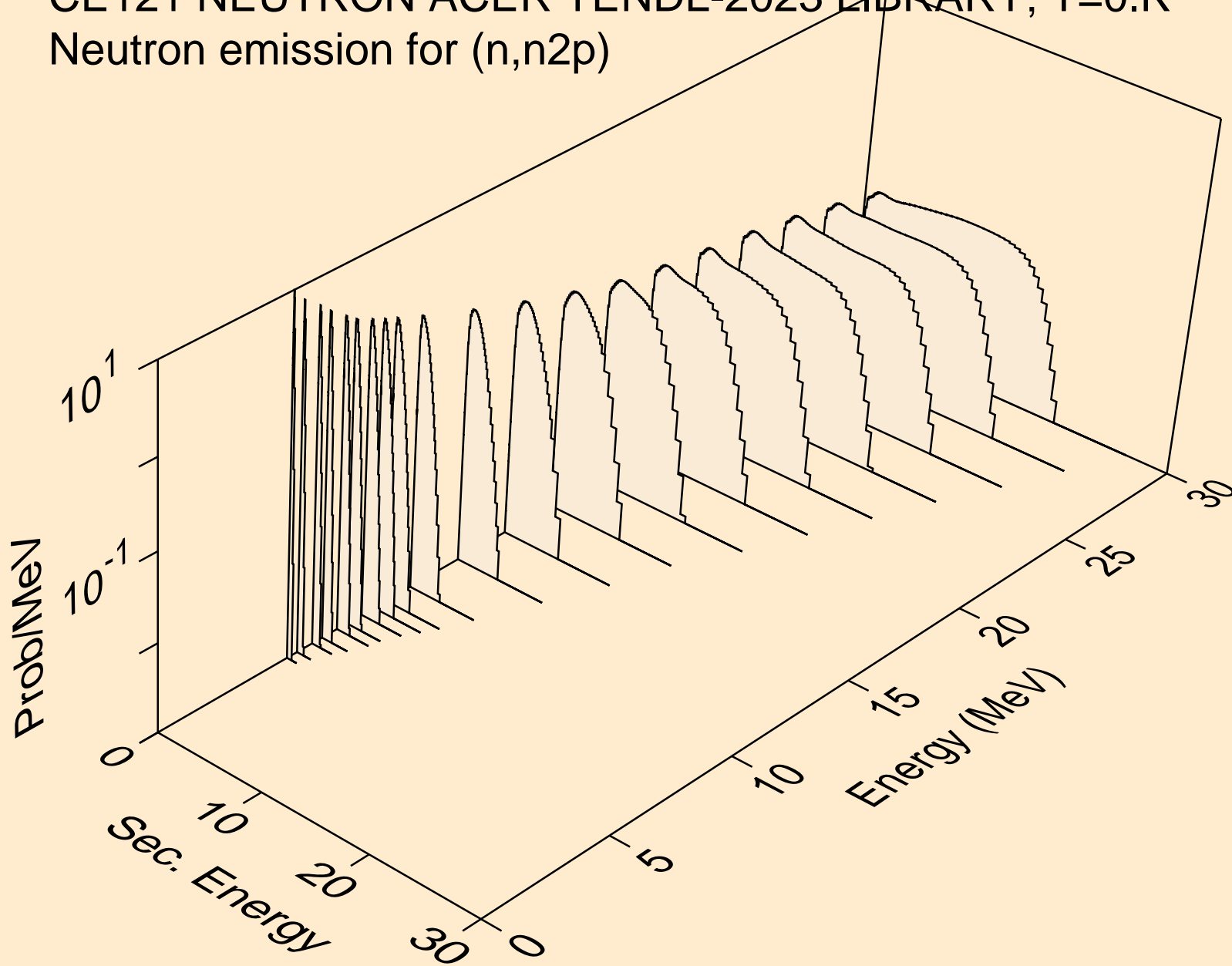
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



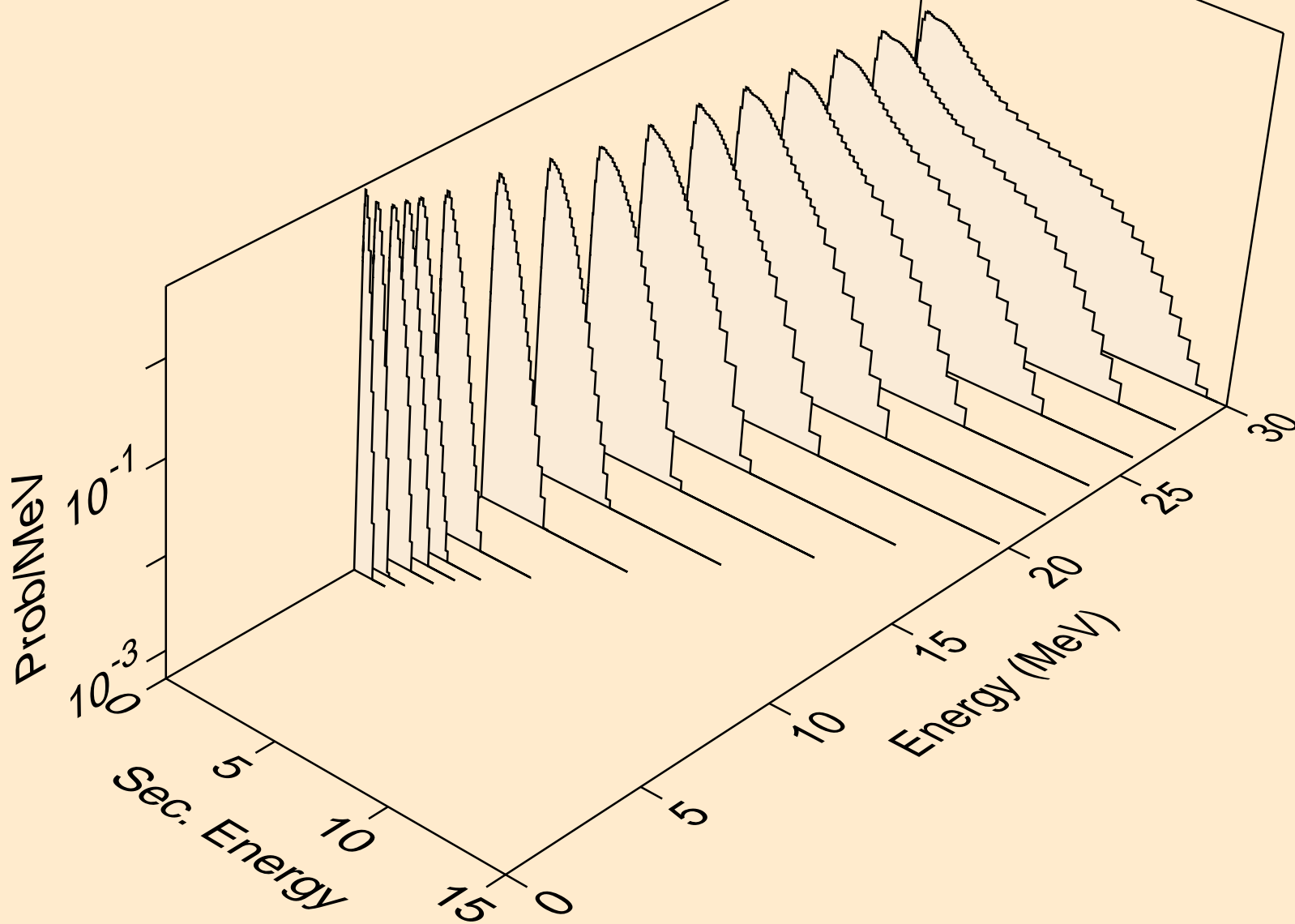
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



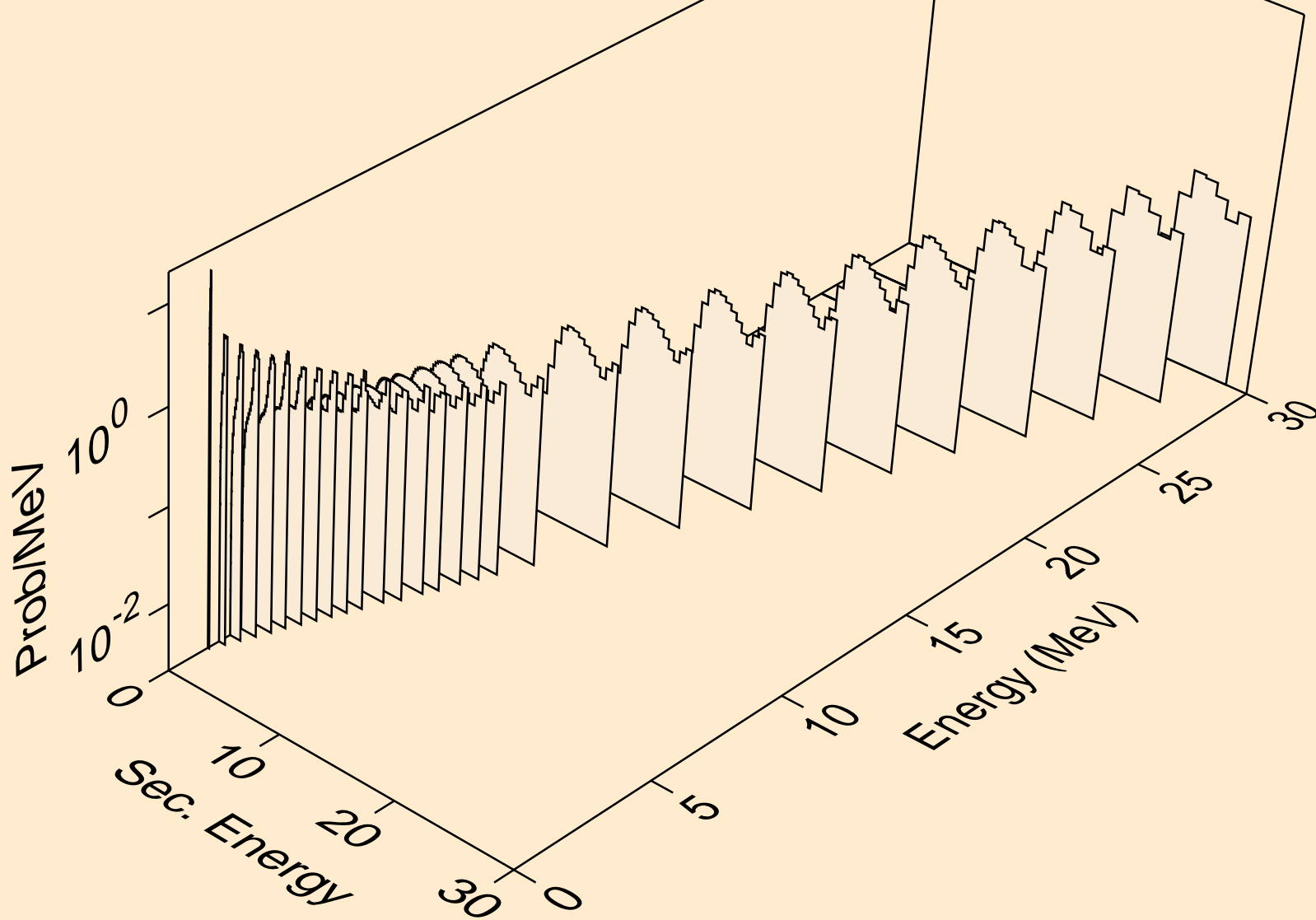
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



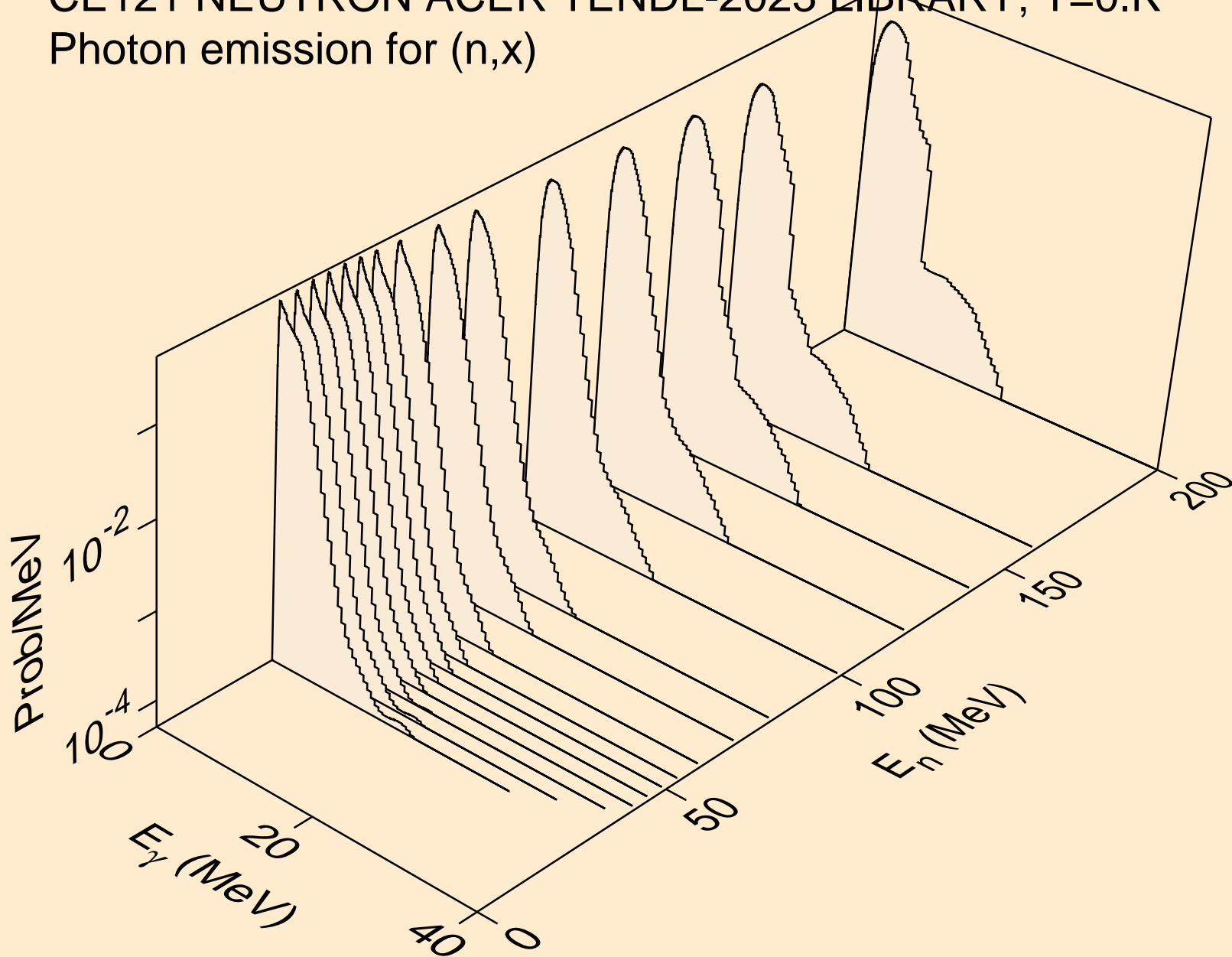
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



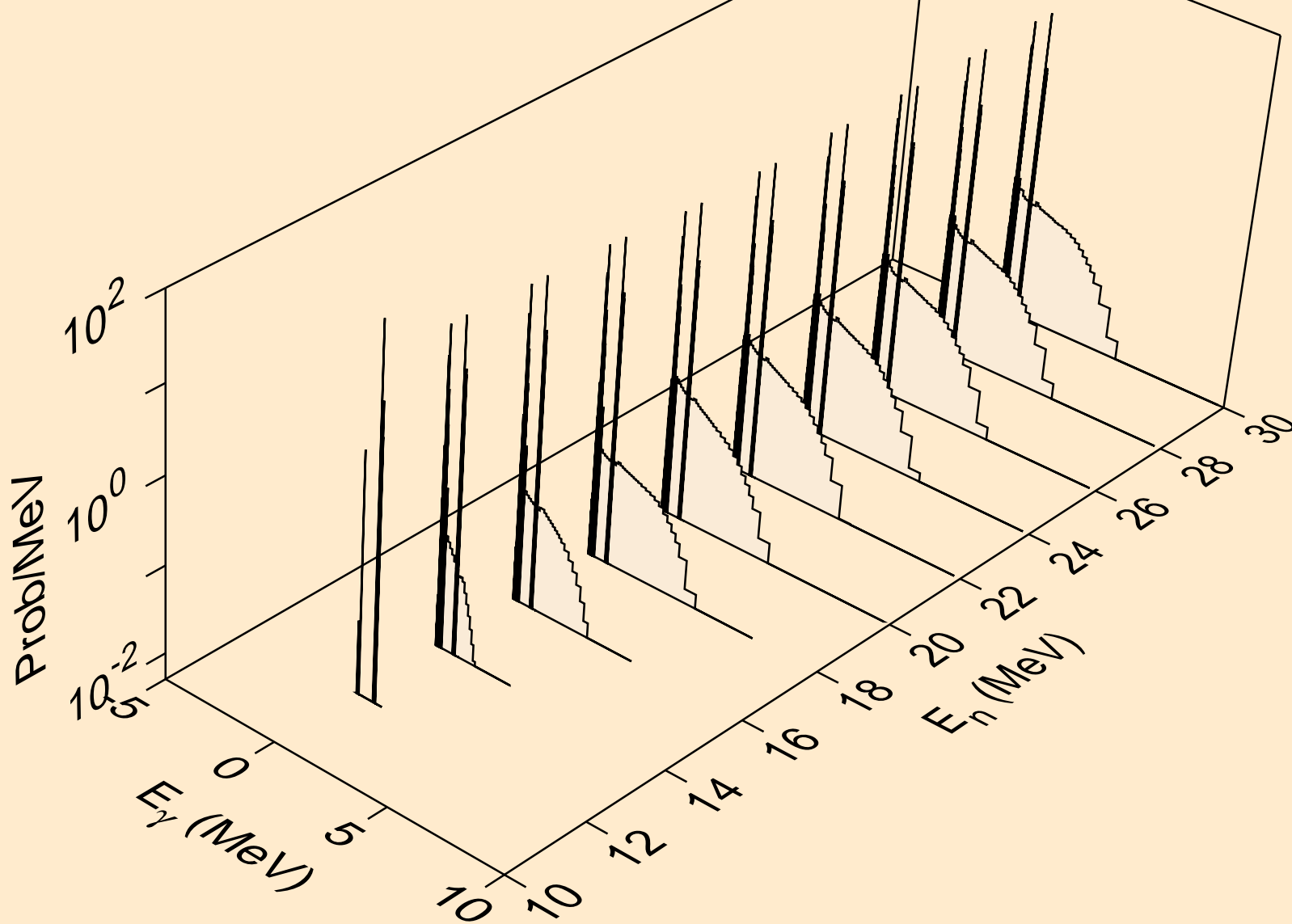
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



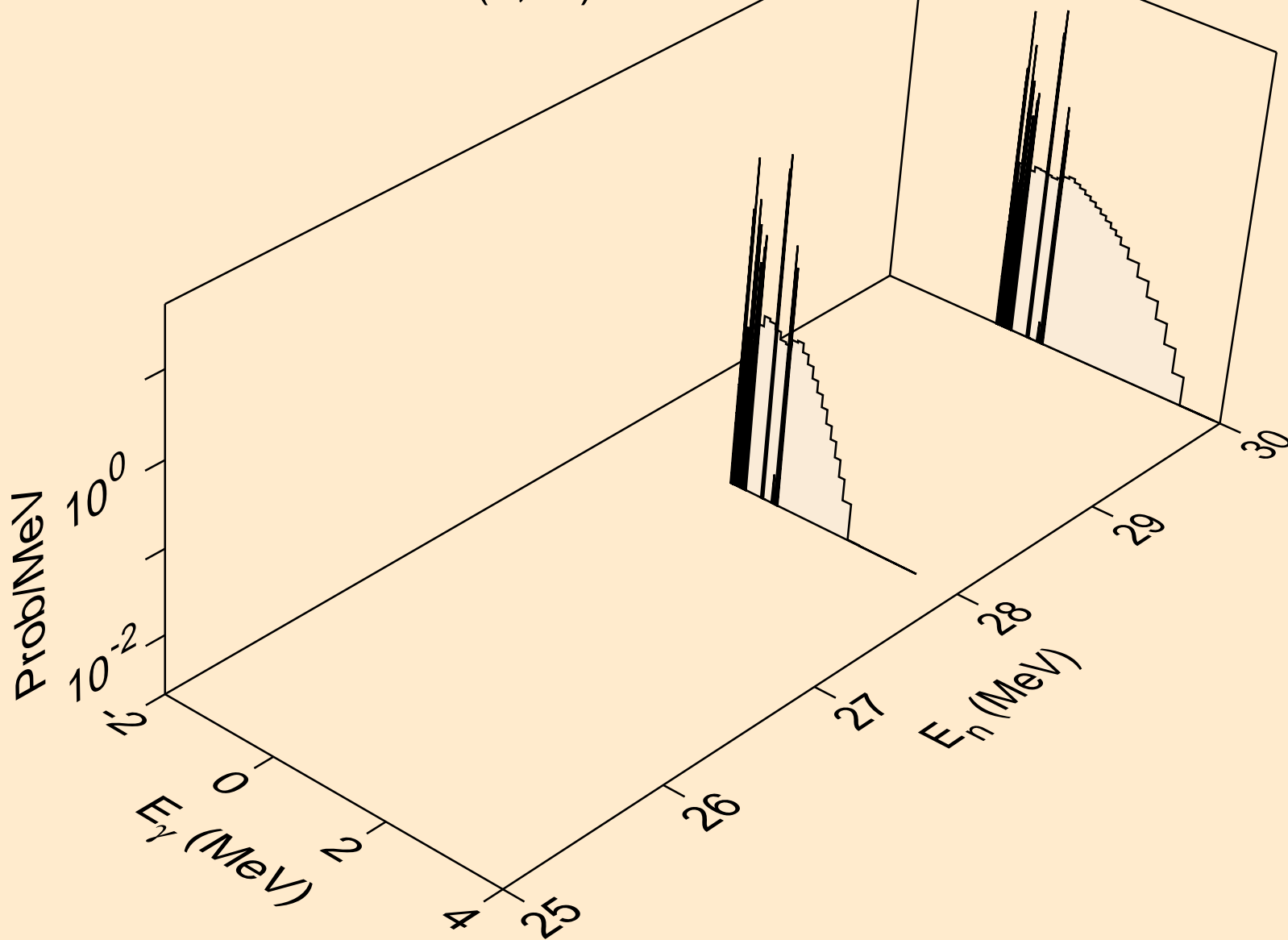
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



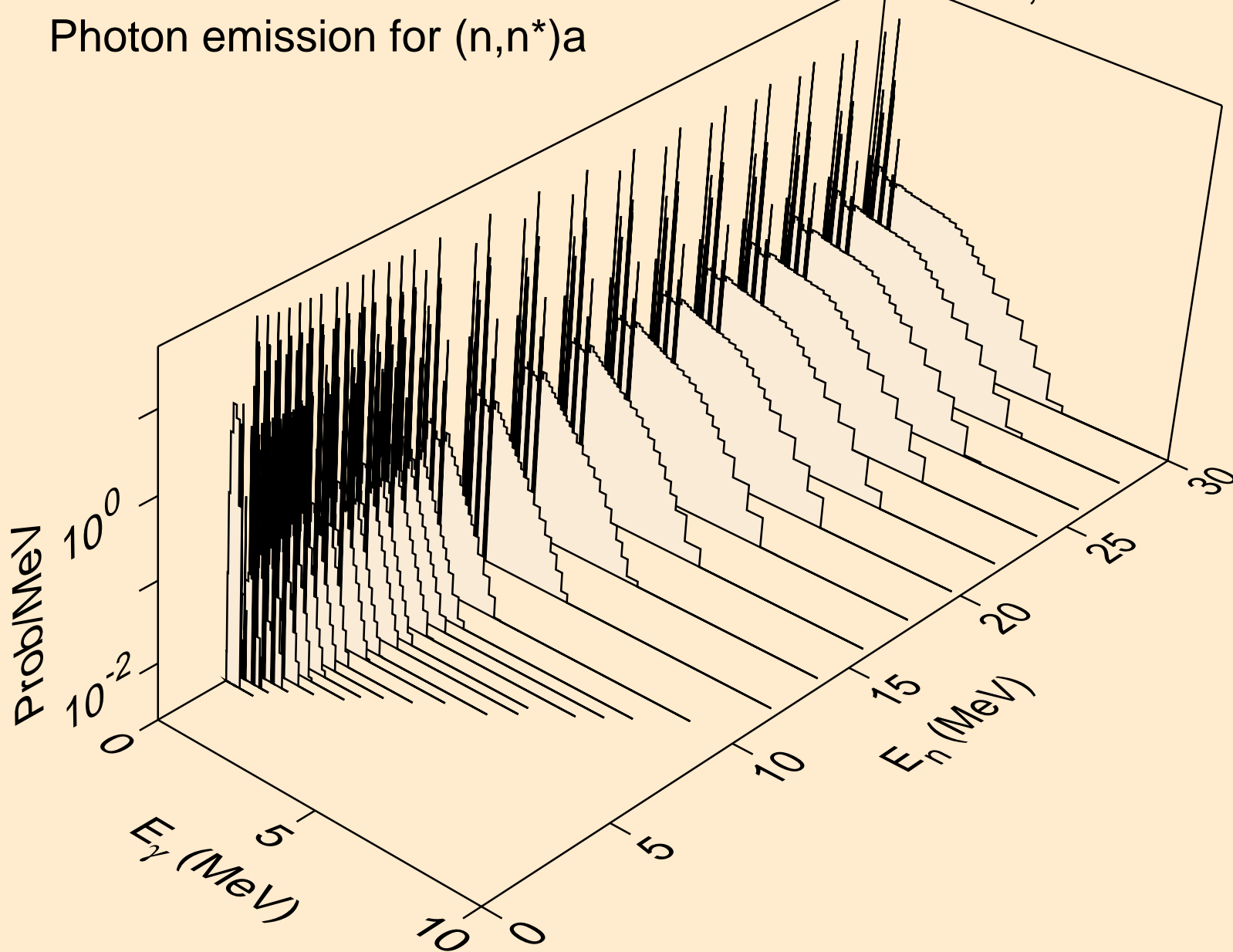
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



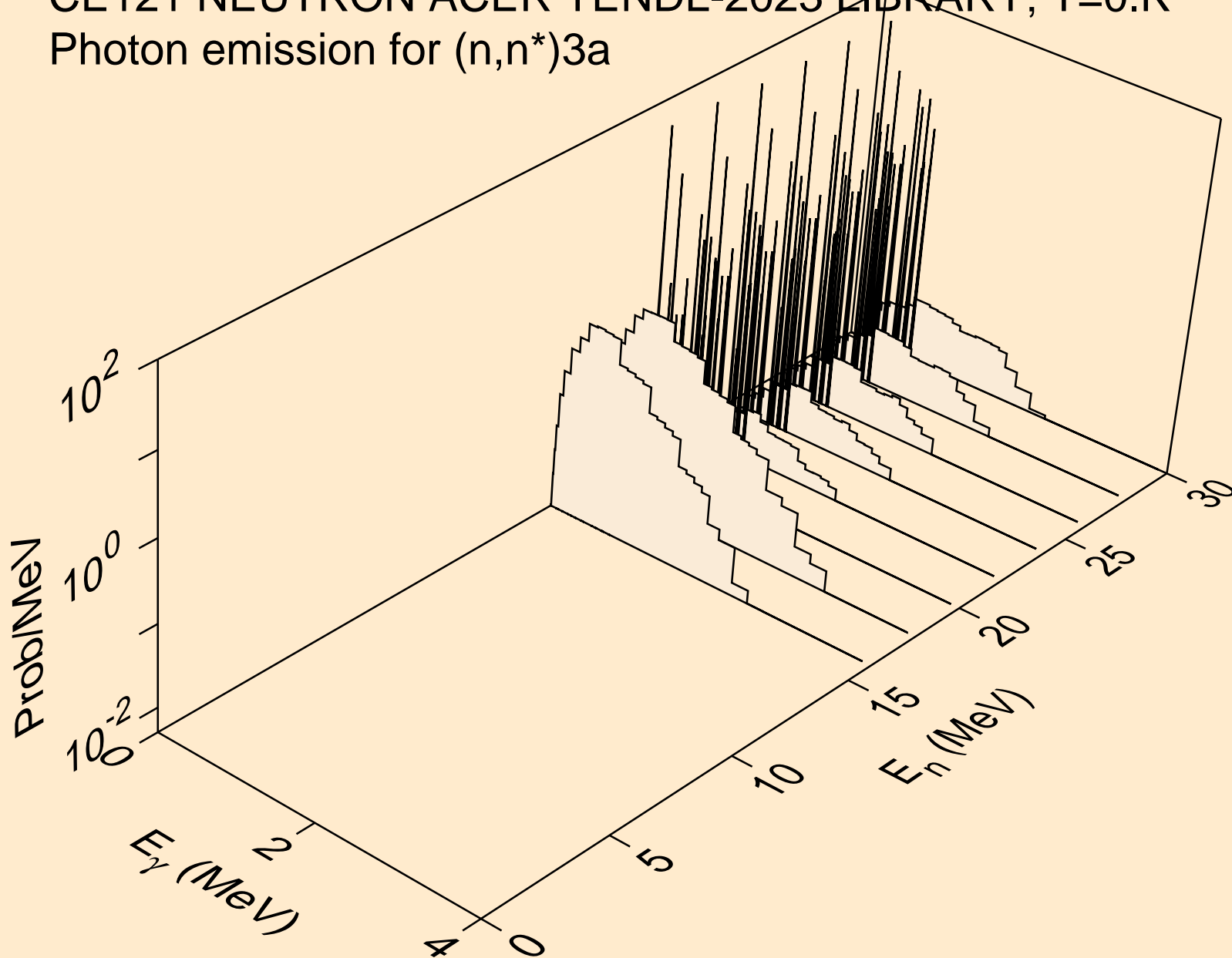
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



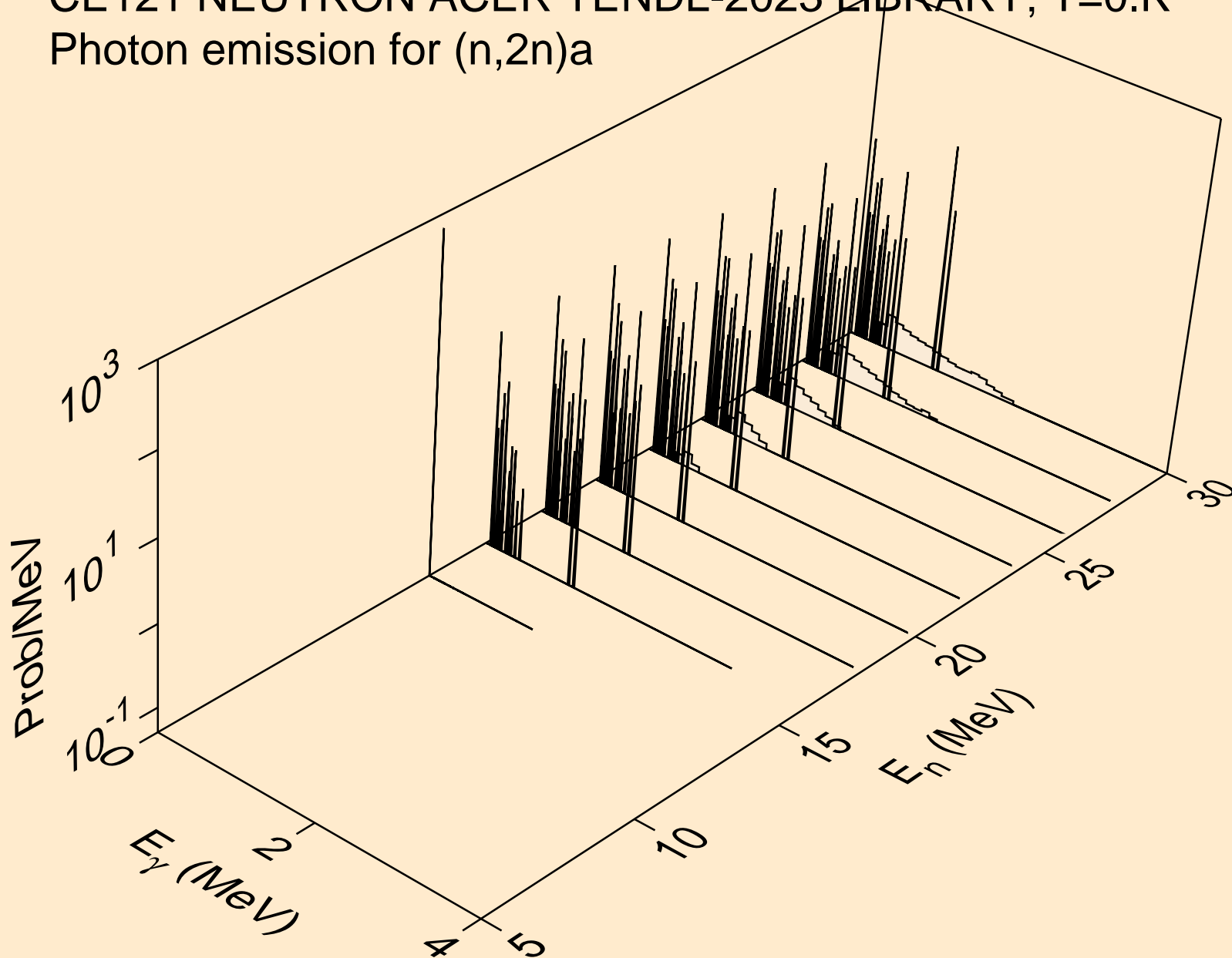
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



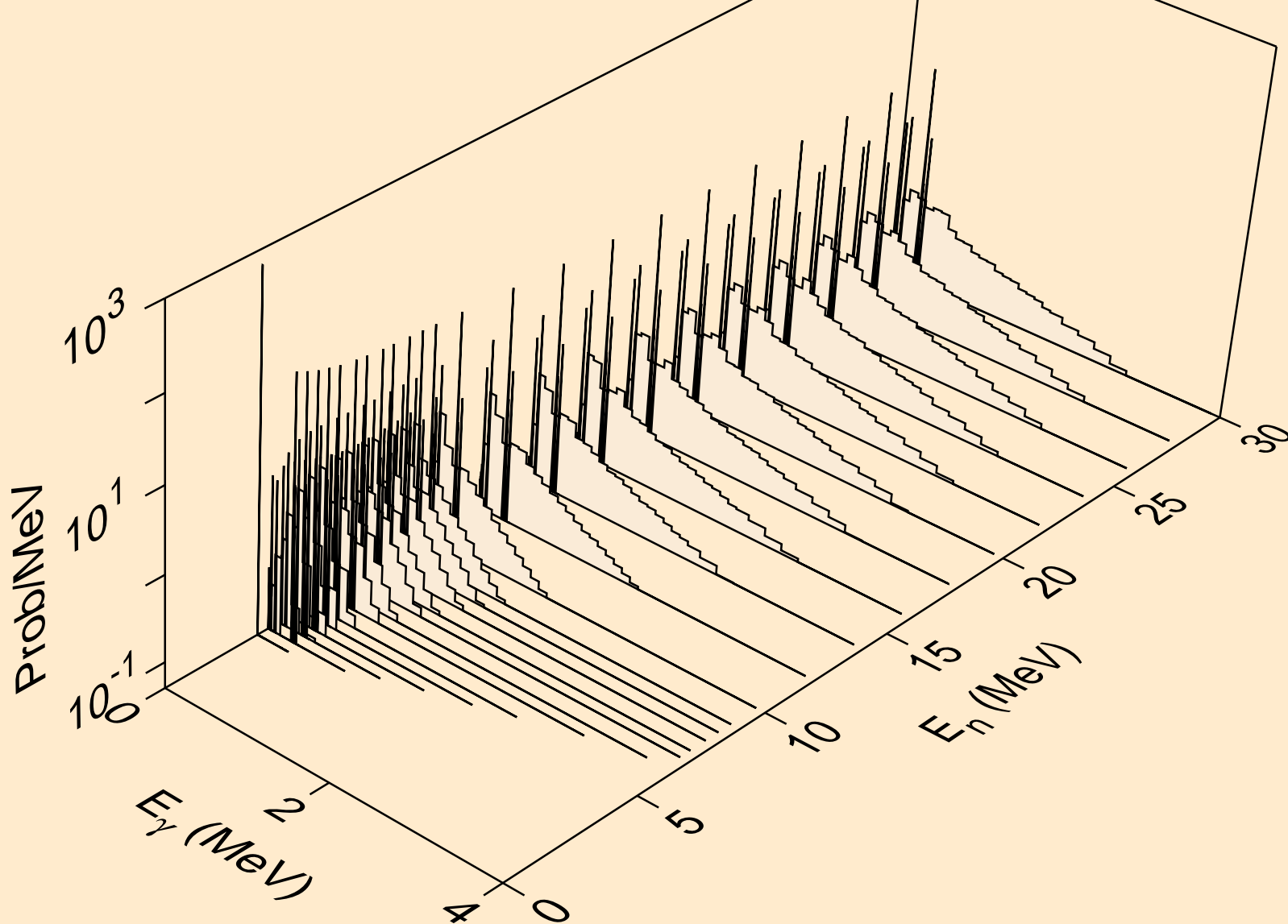
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)3a



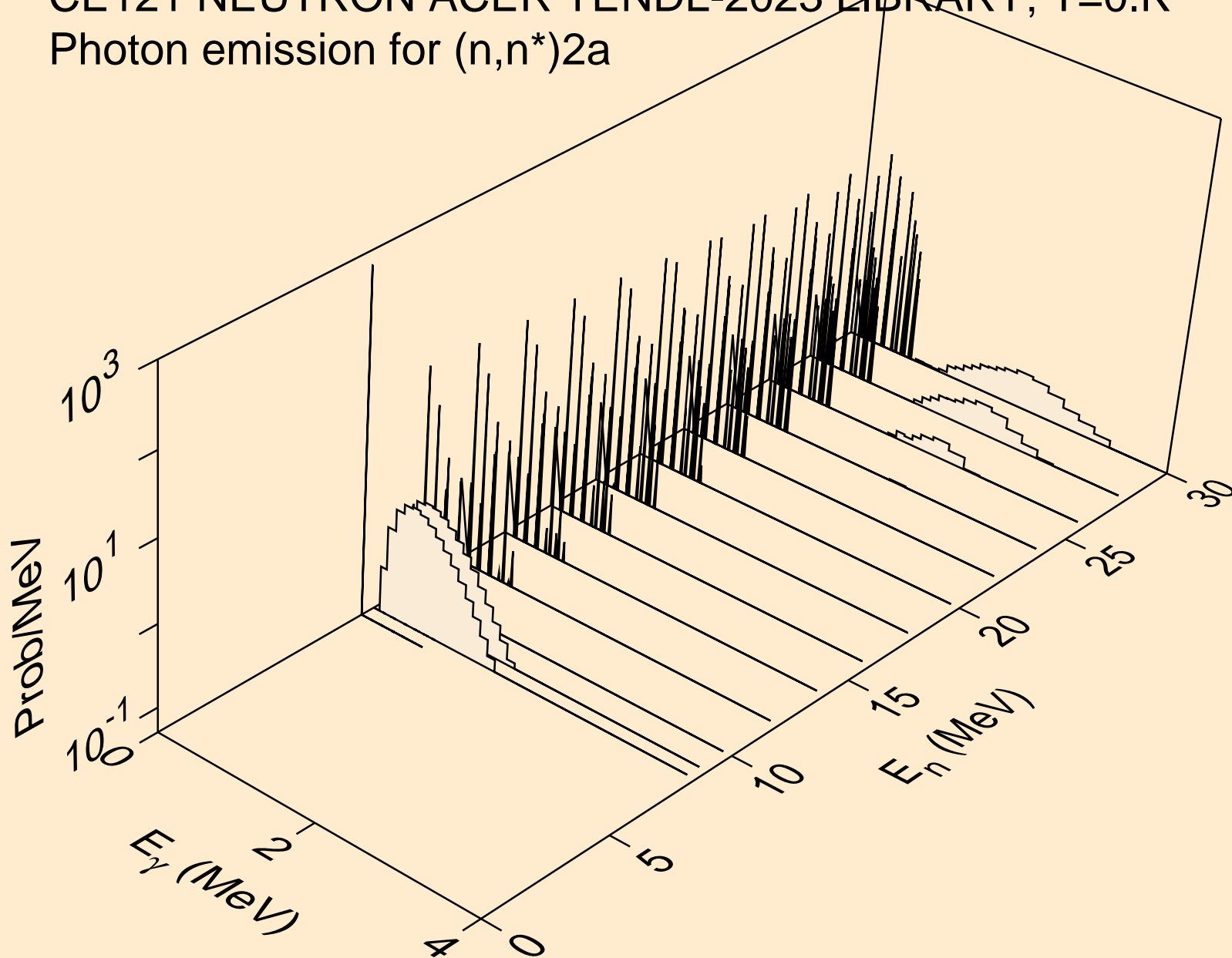
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



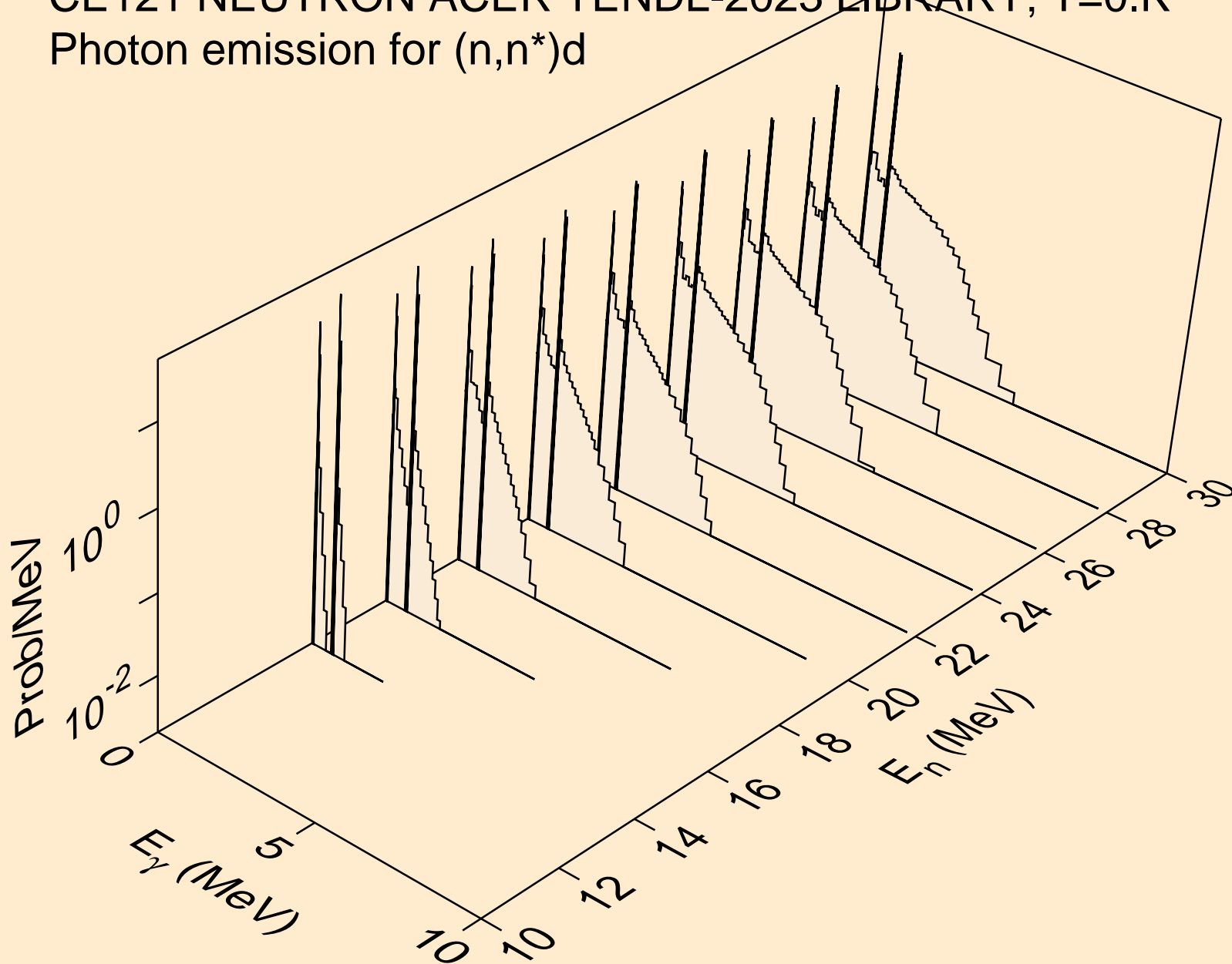
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



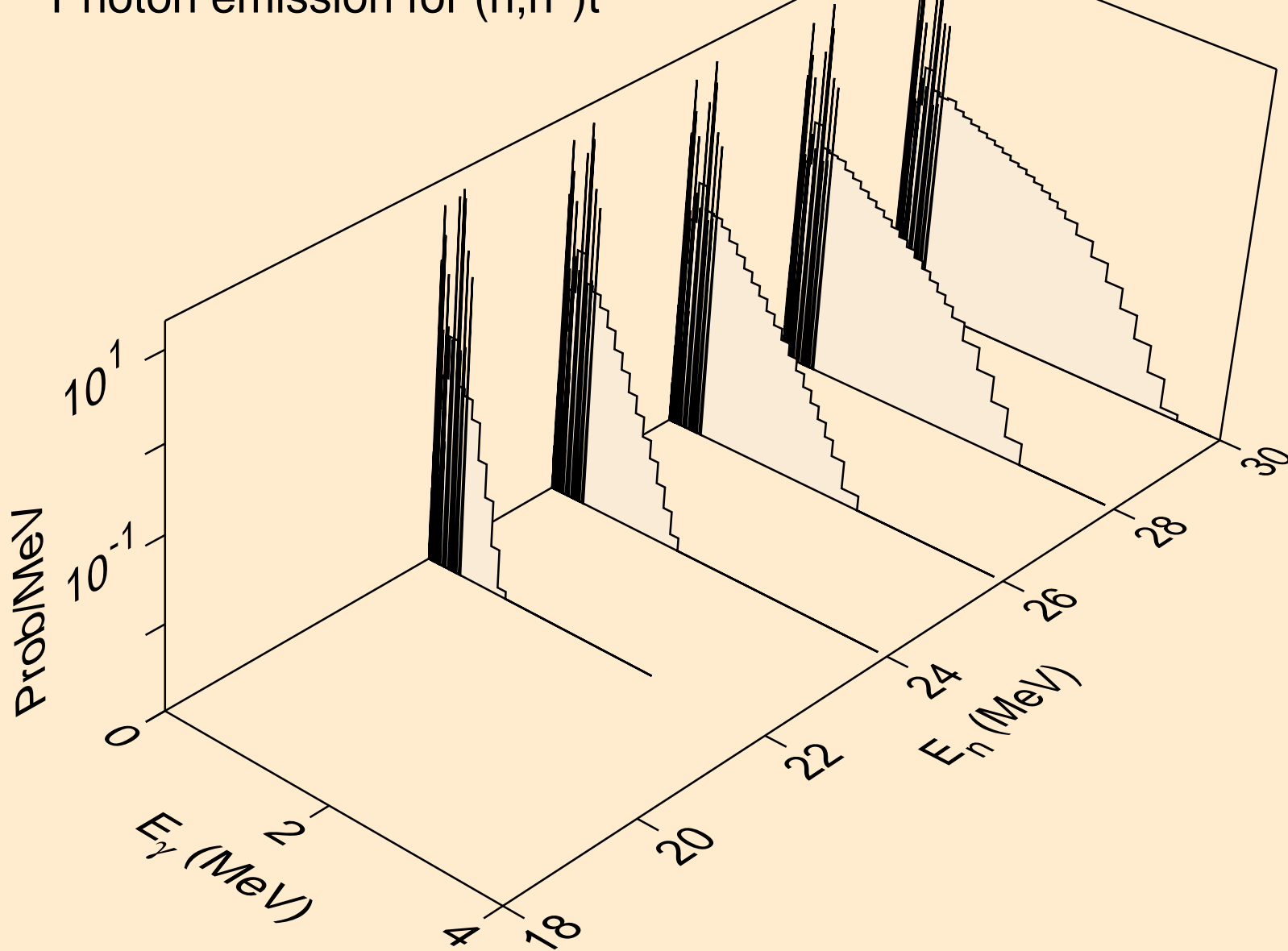
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



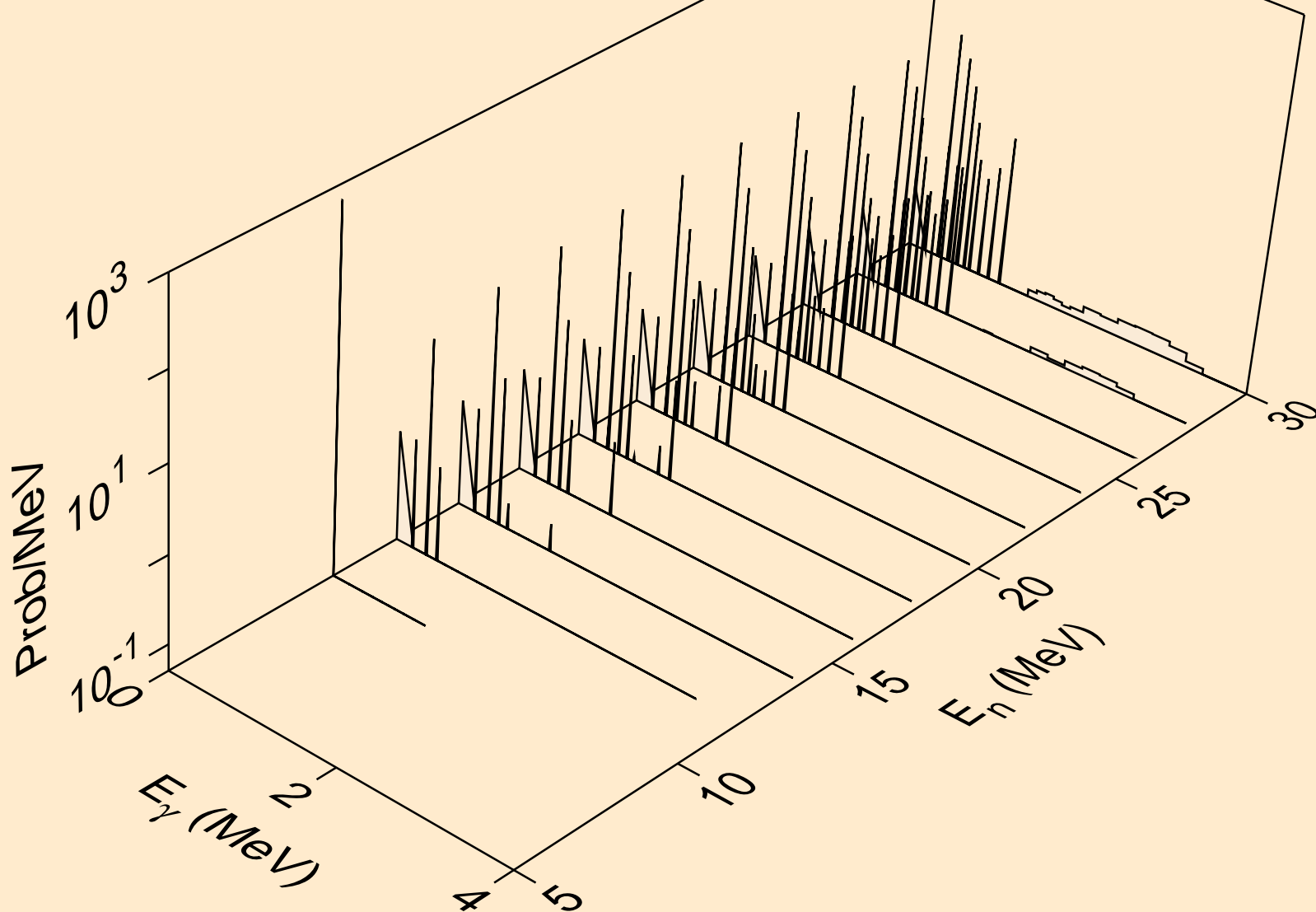
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



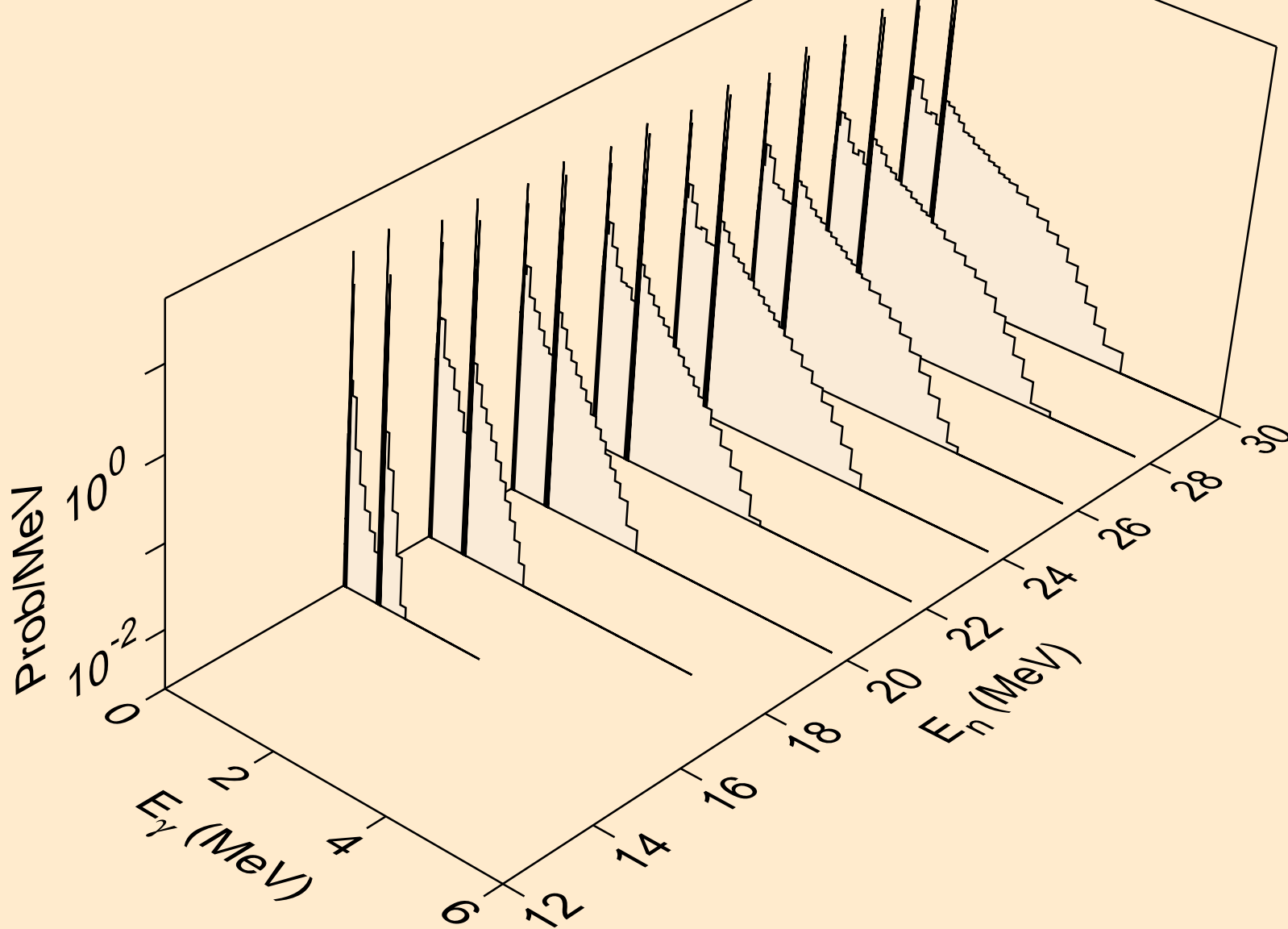
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



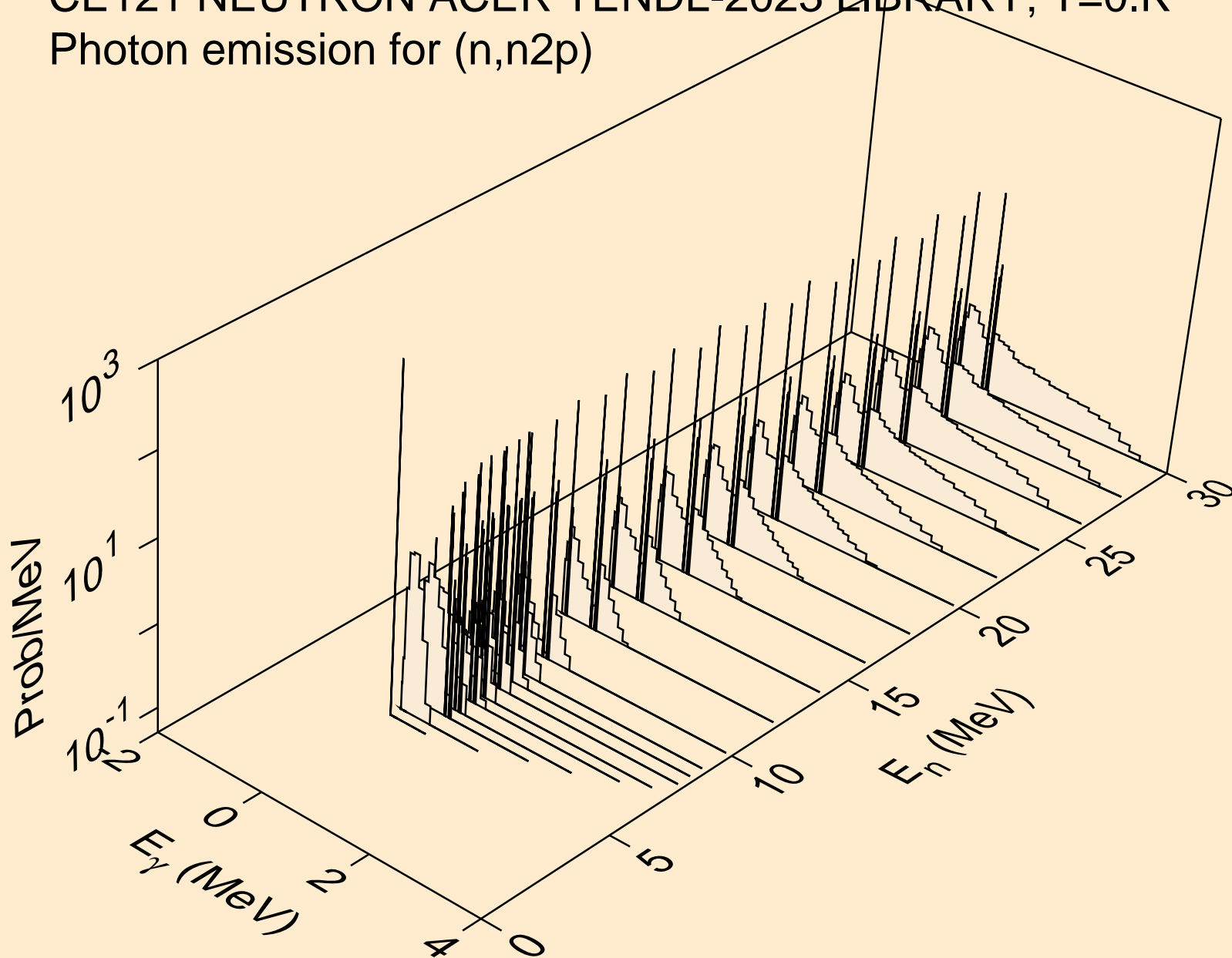
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



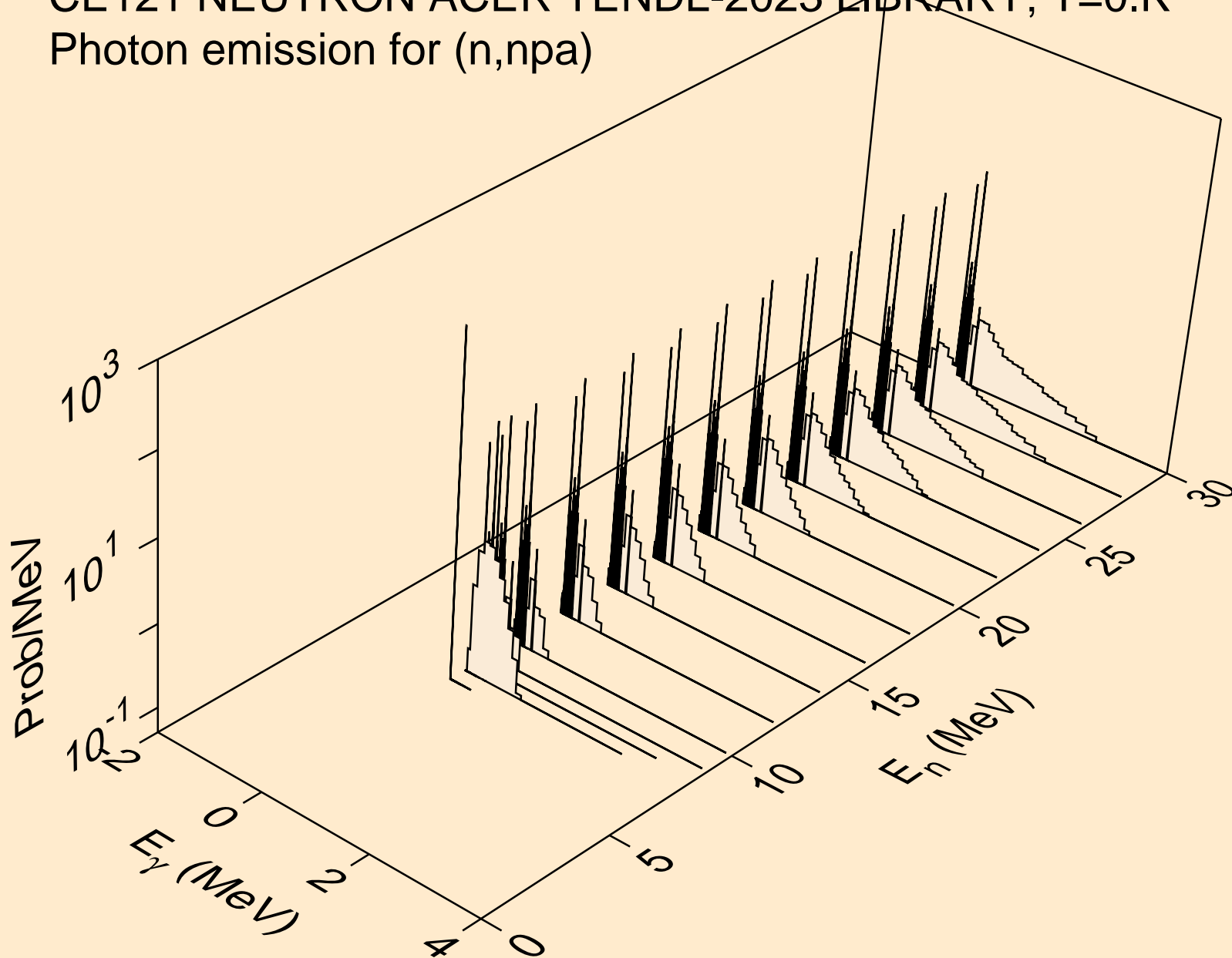
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



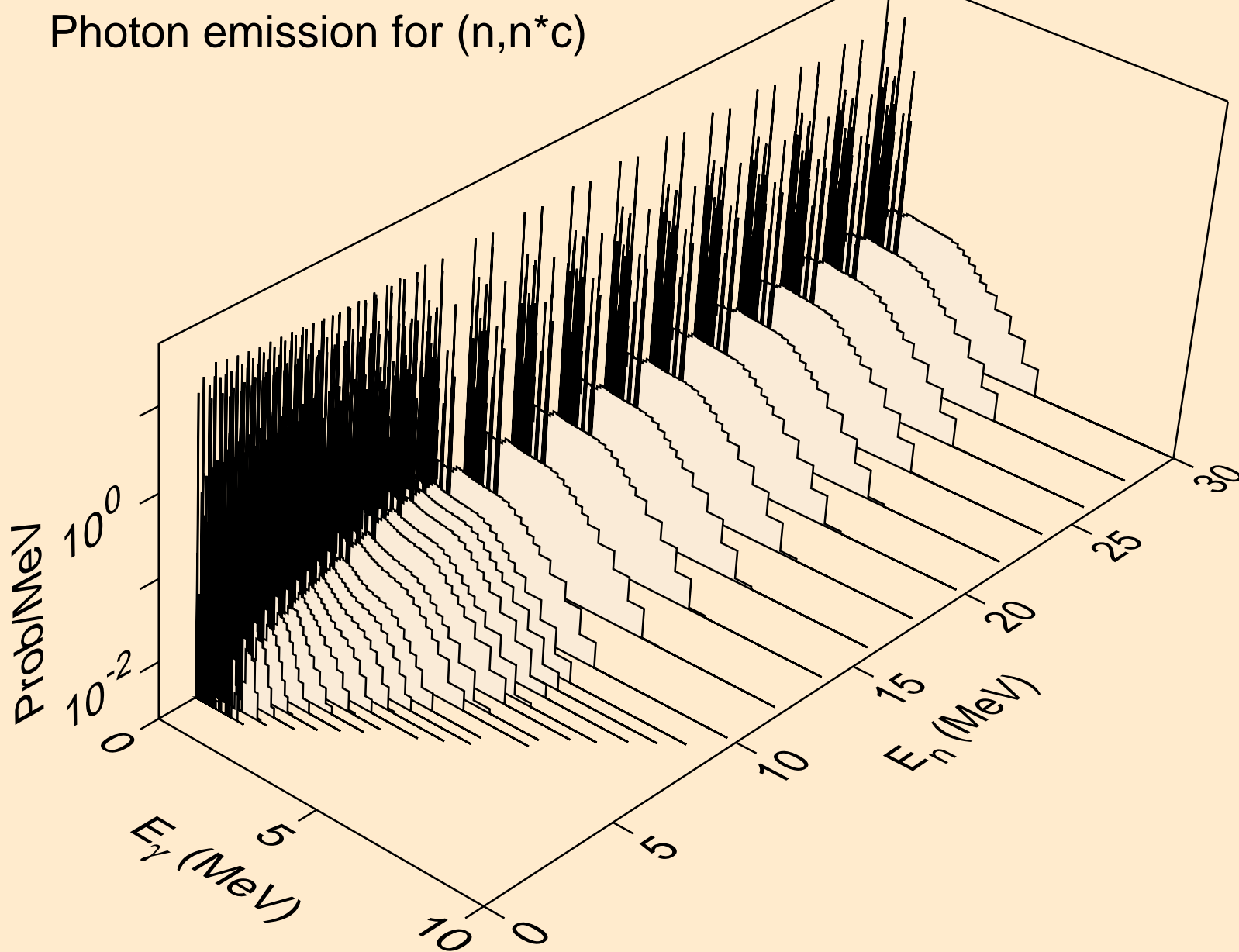
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



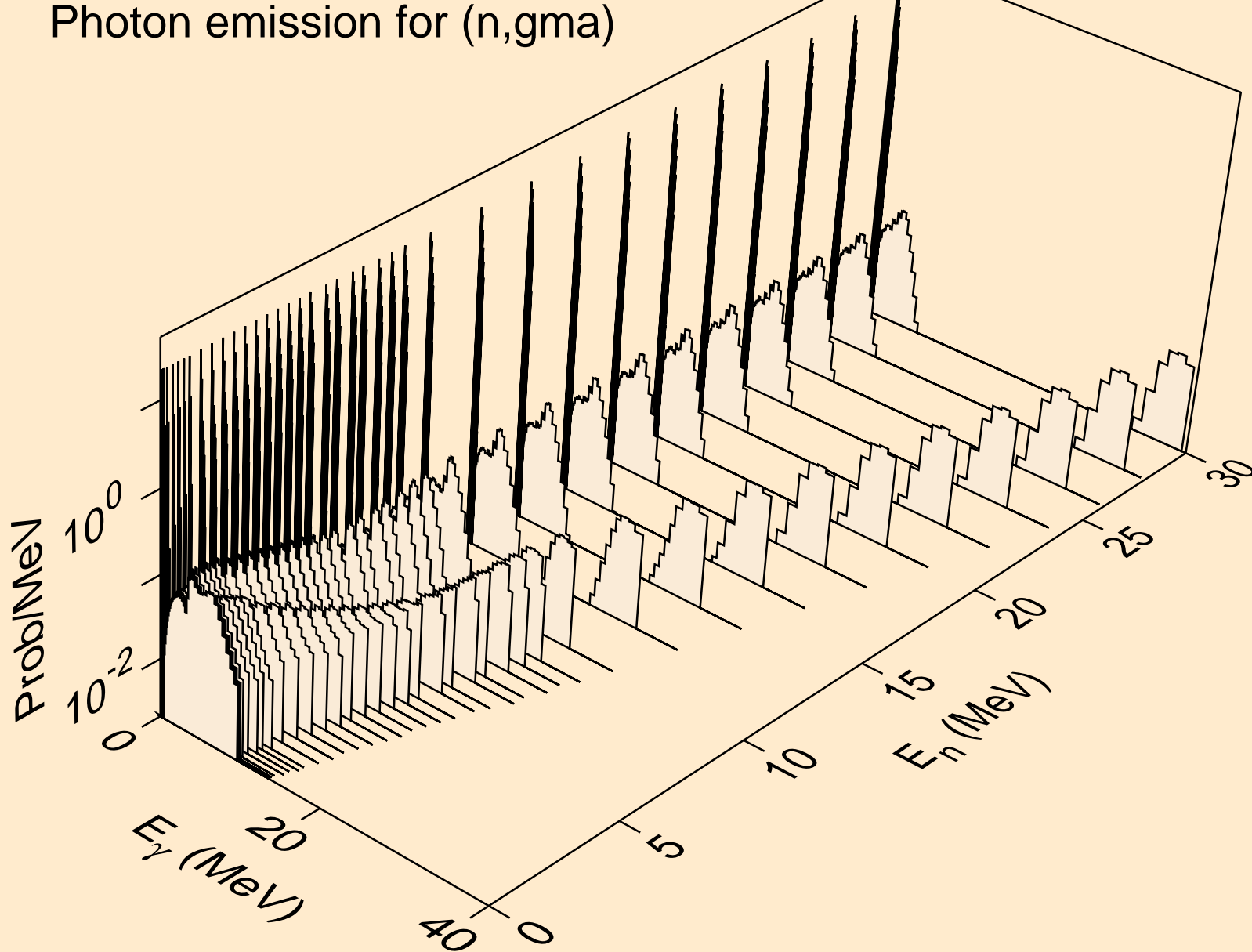
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



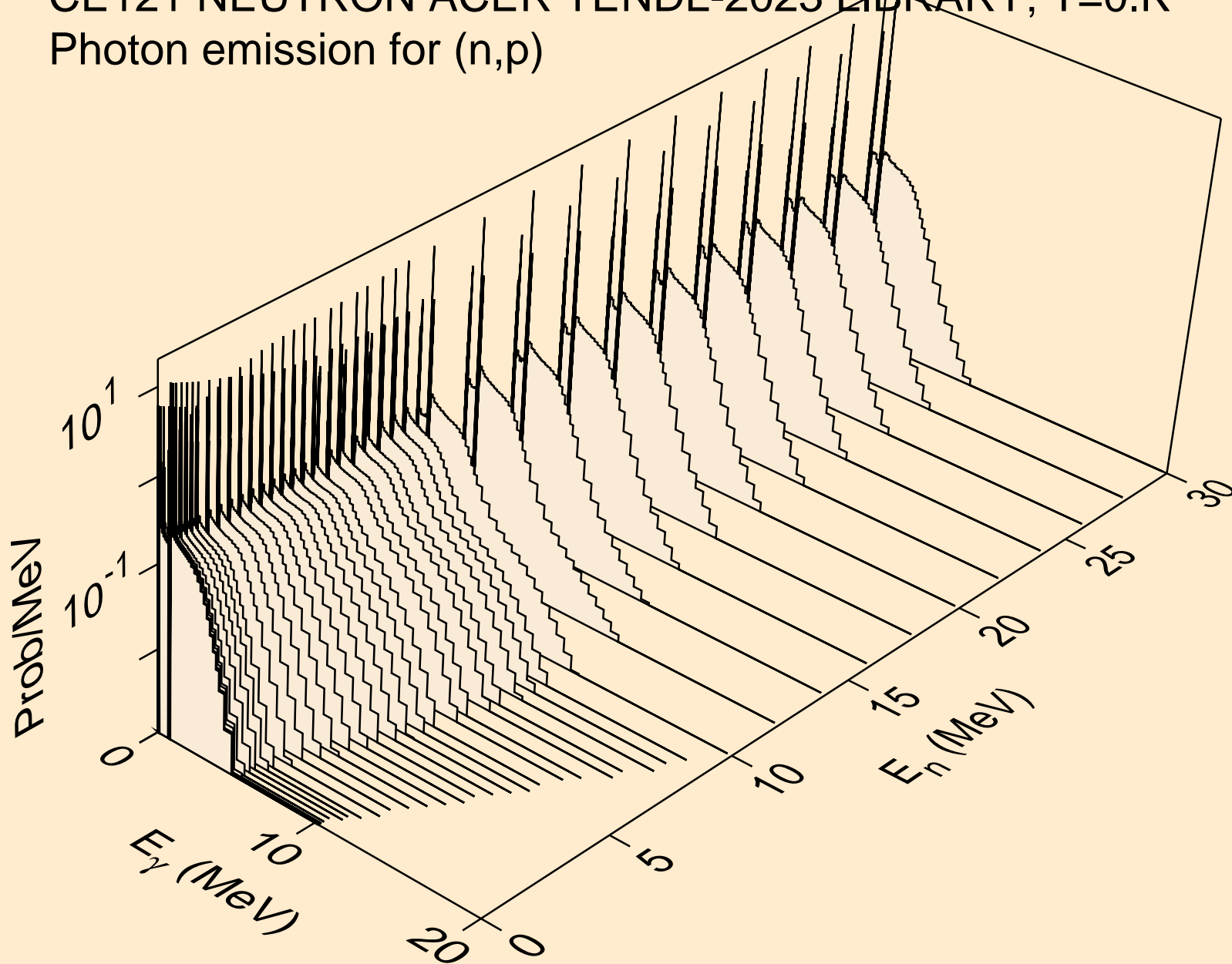
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



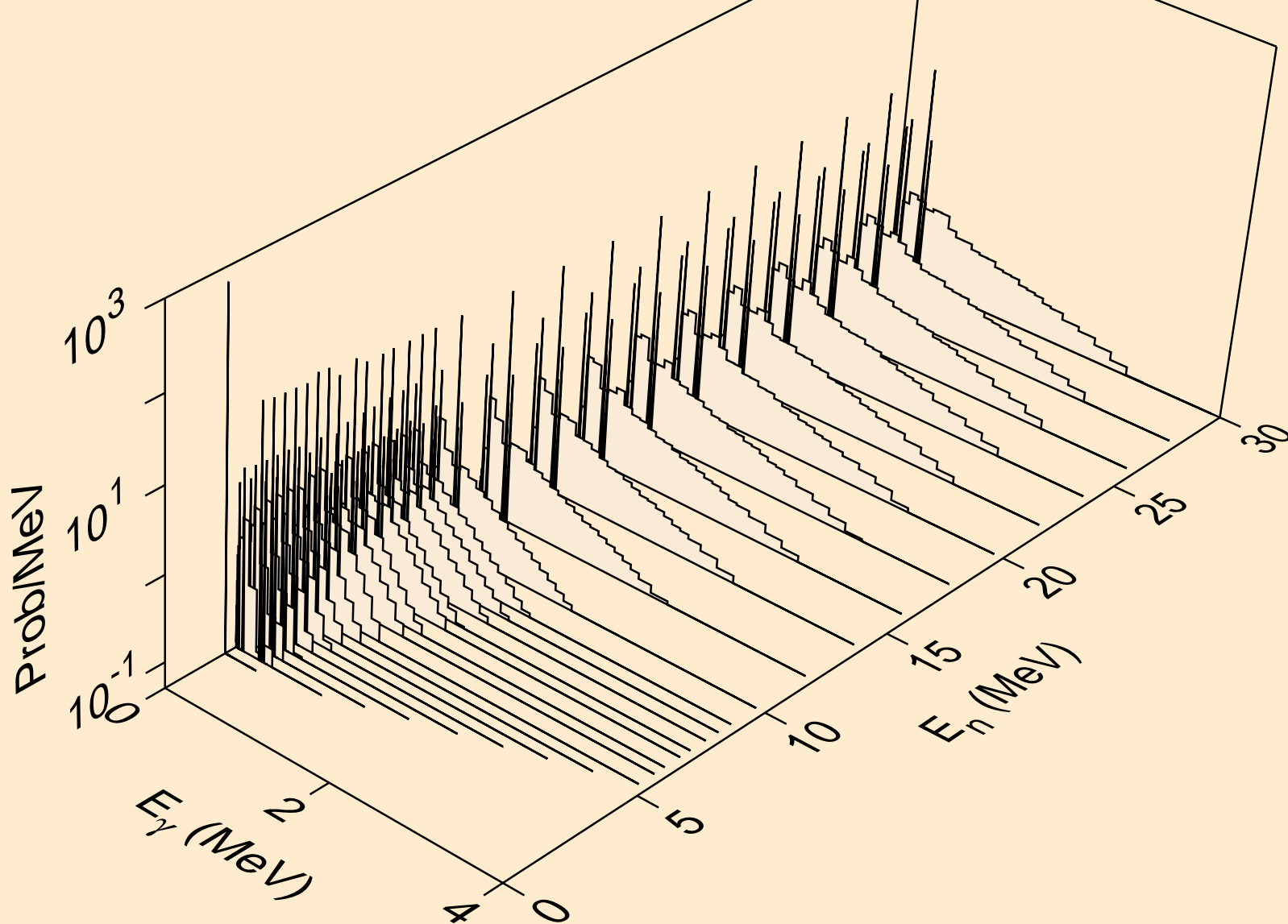
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



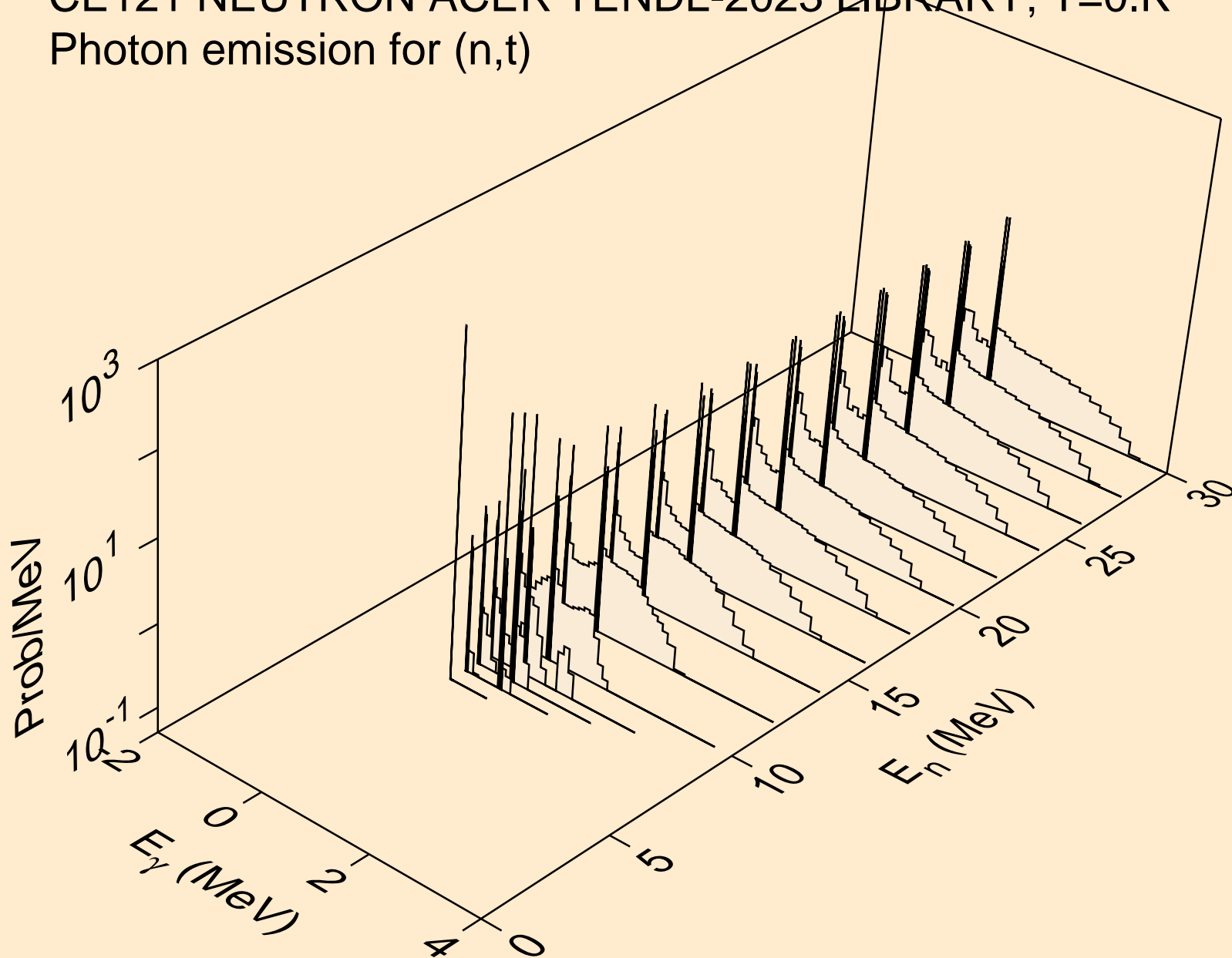
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



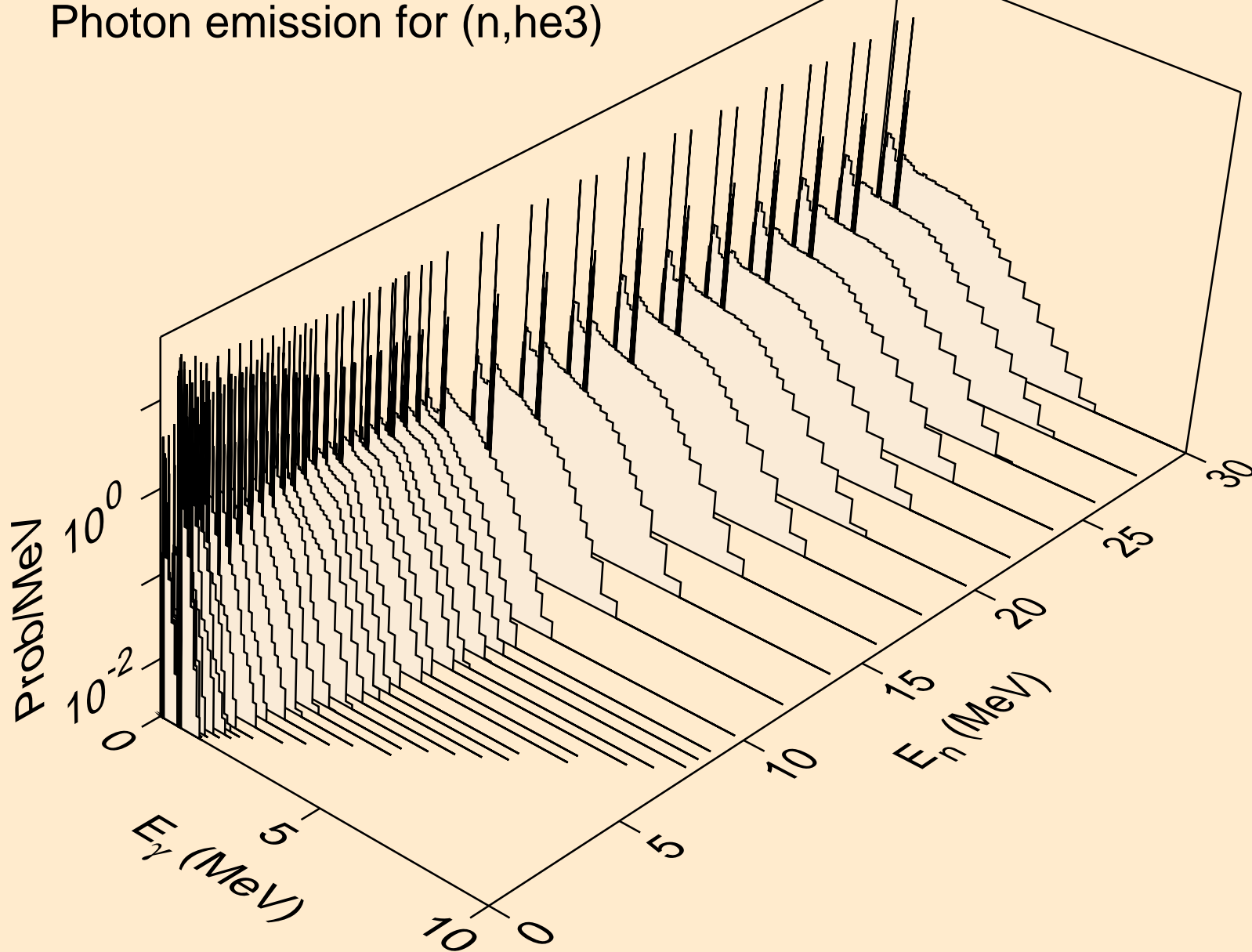
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



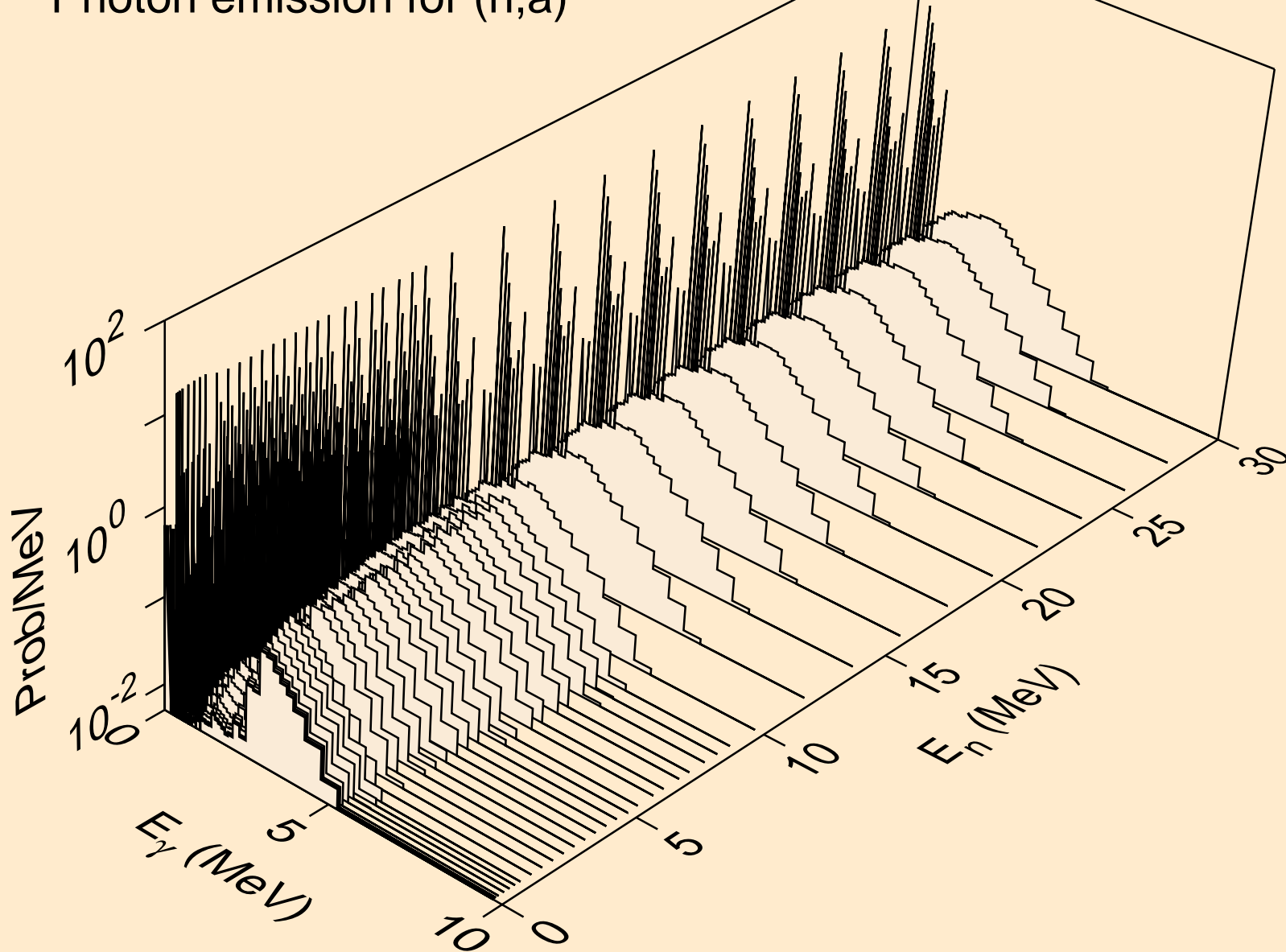
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



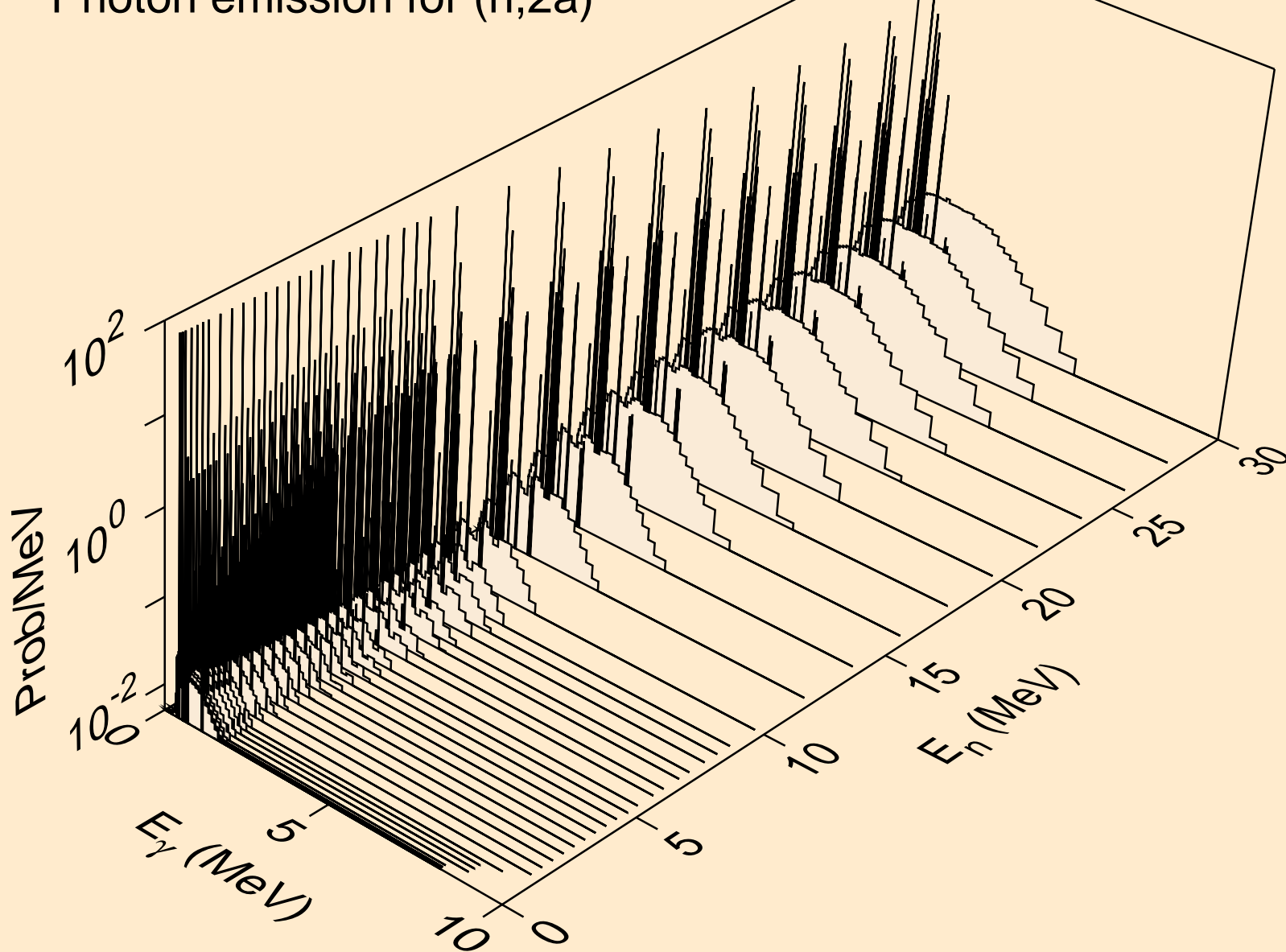
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



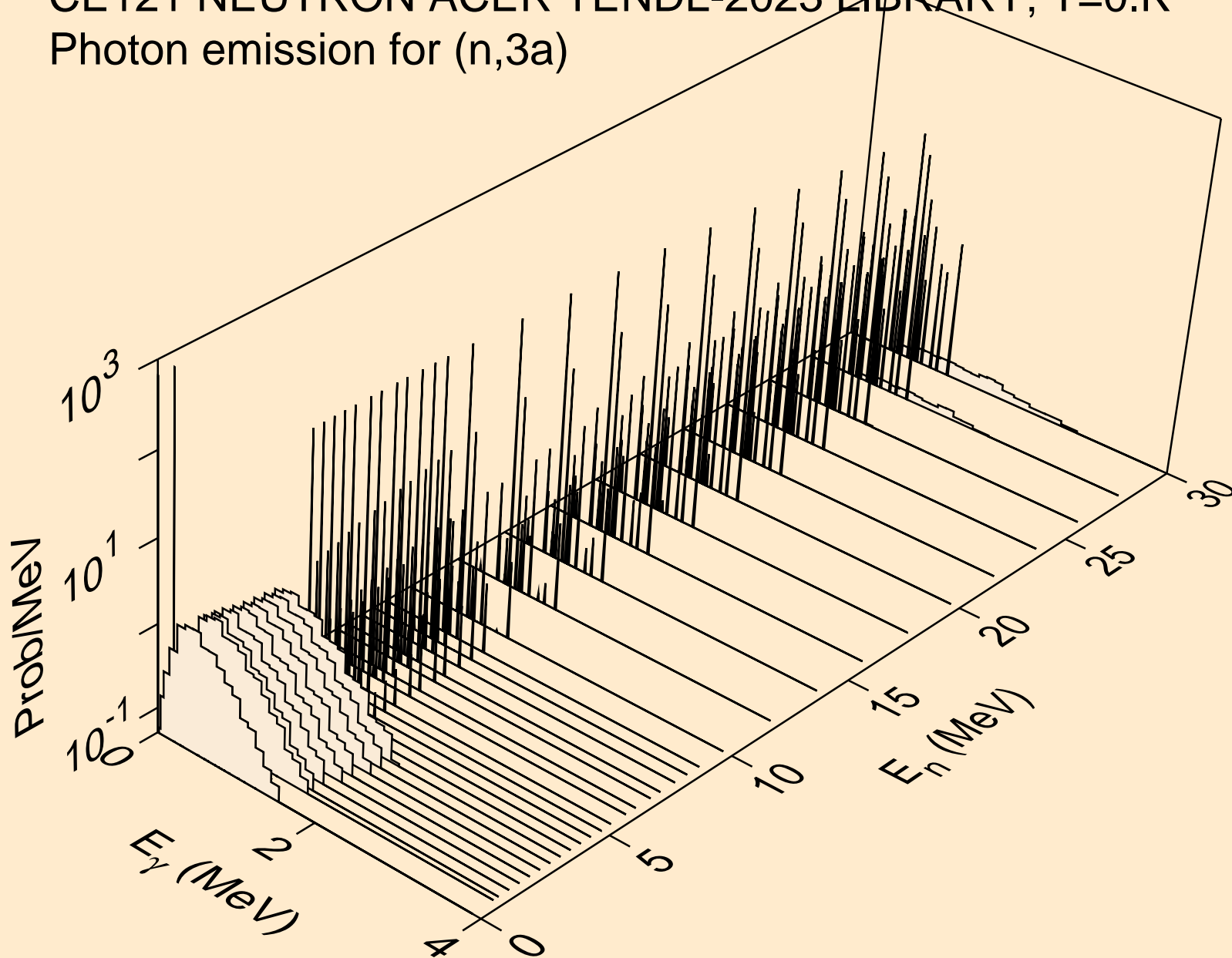
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



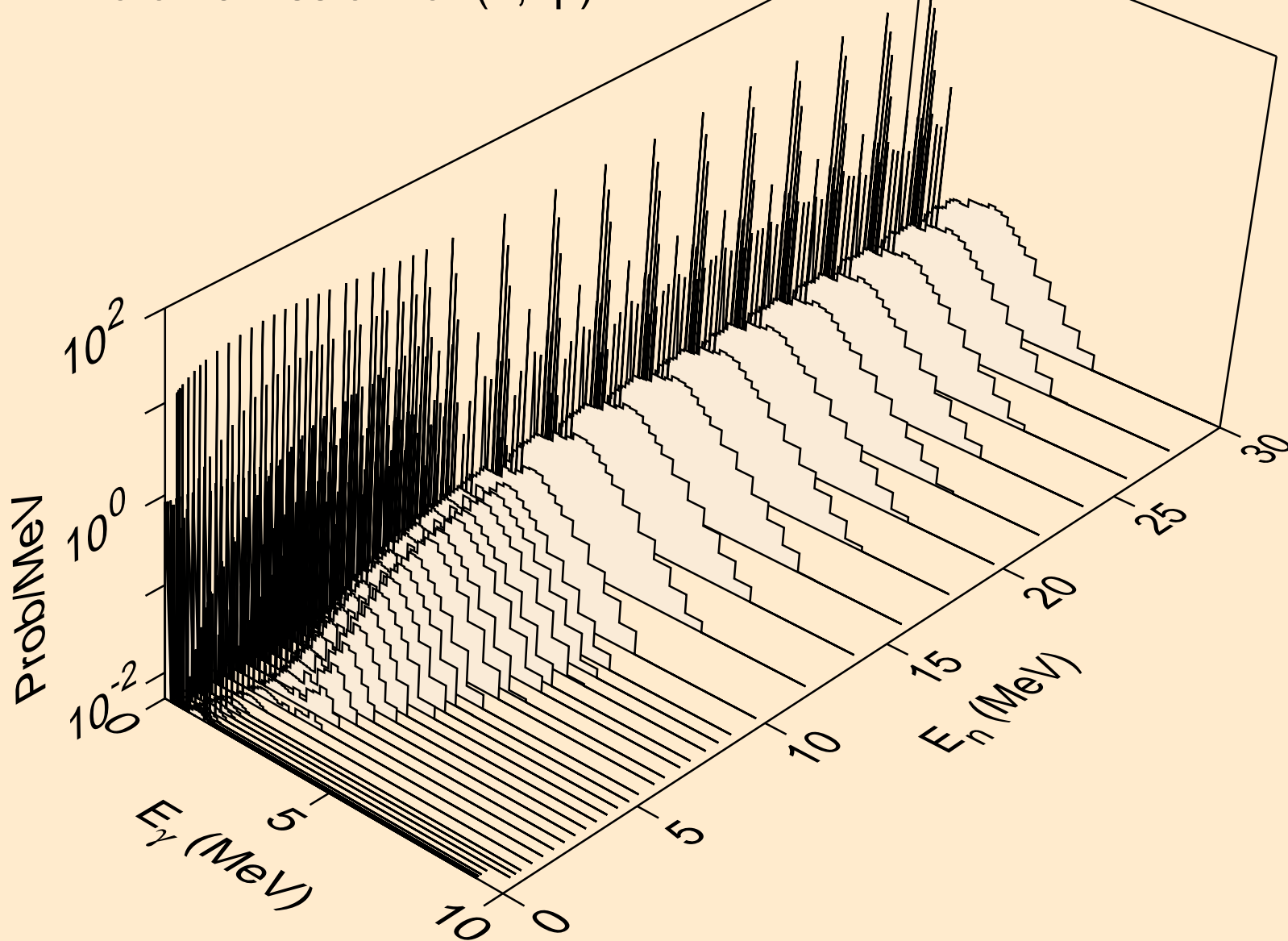
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



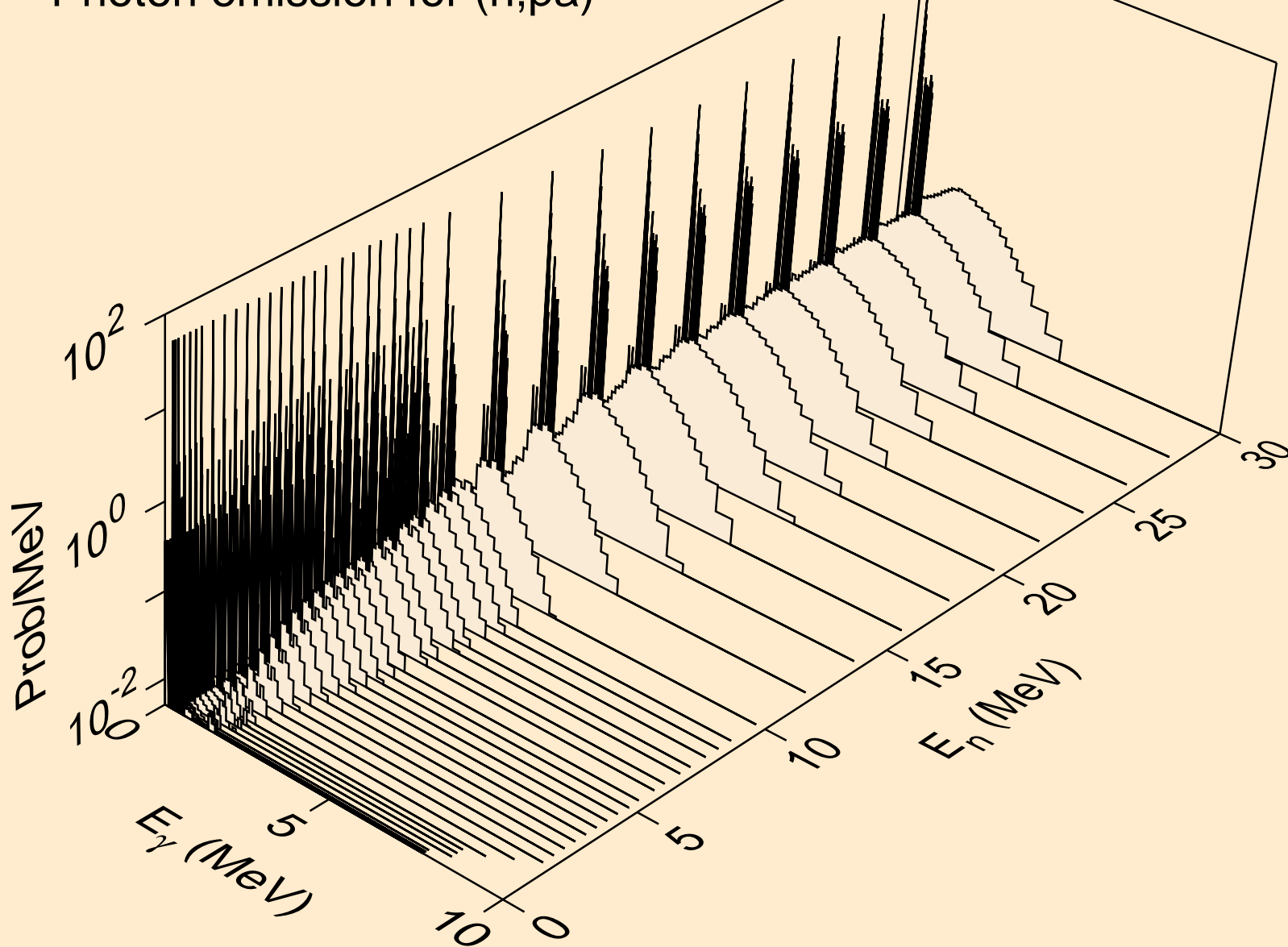
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



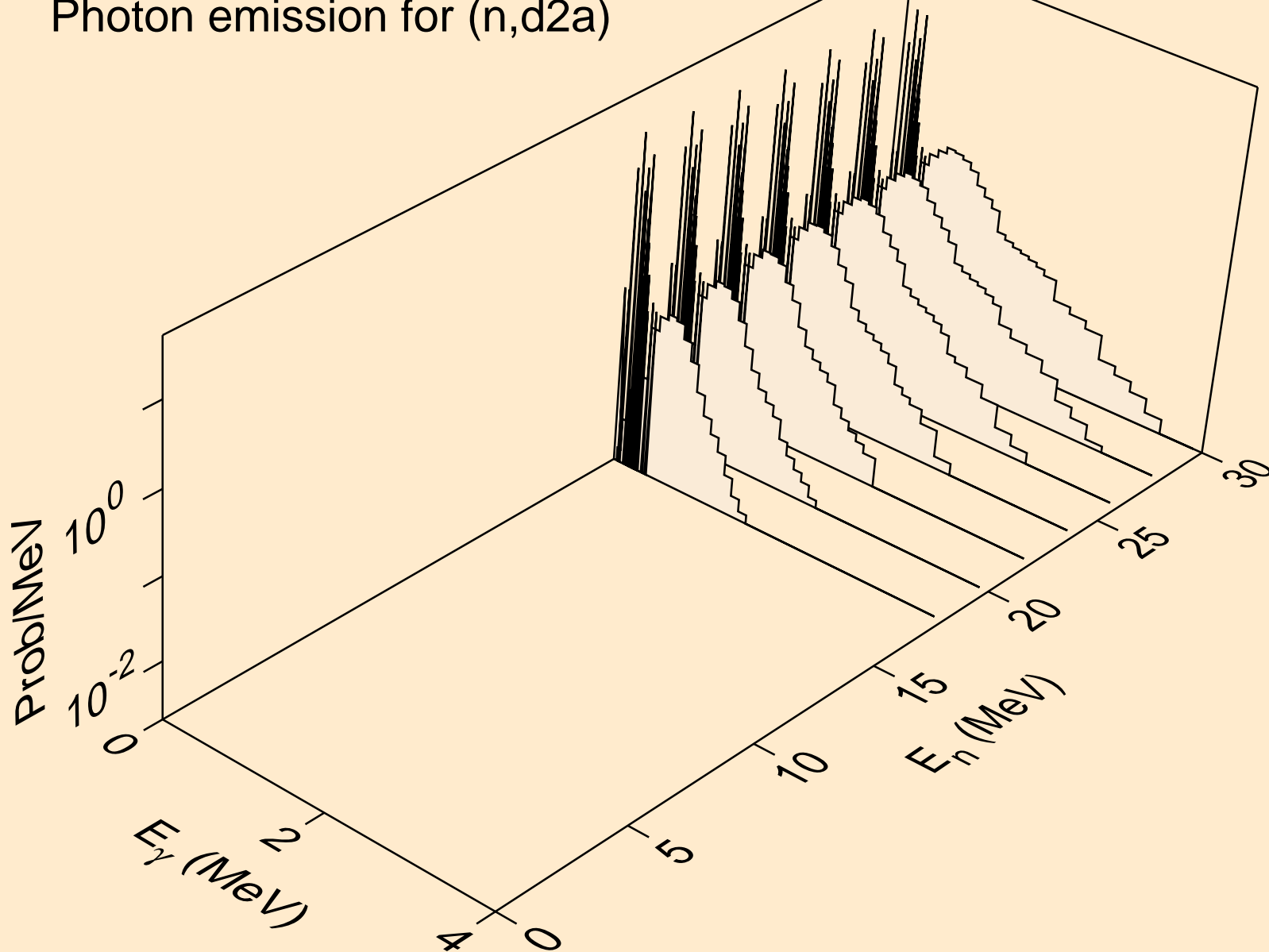
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



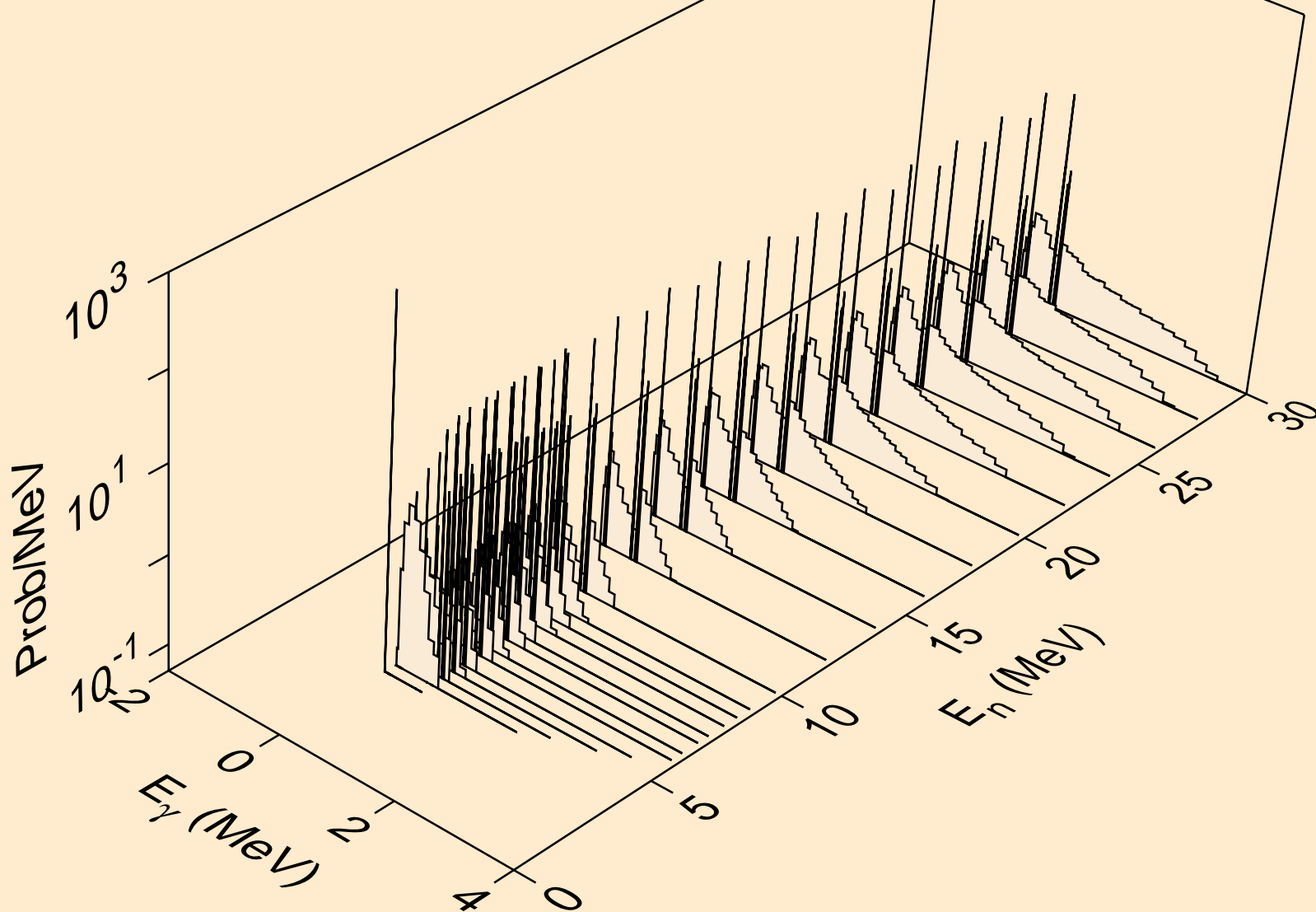
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



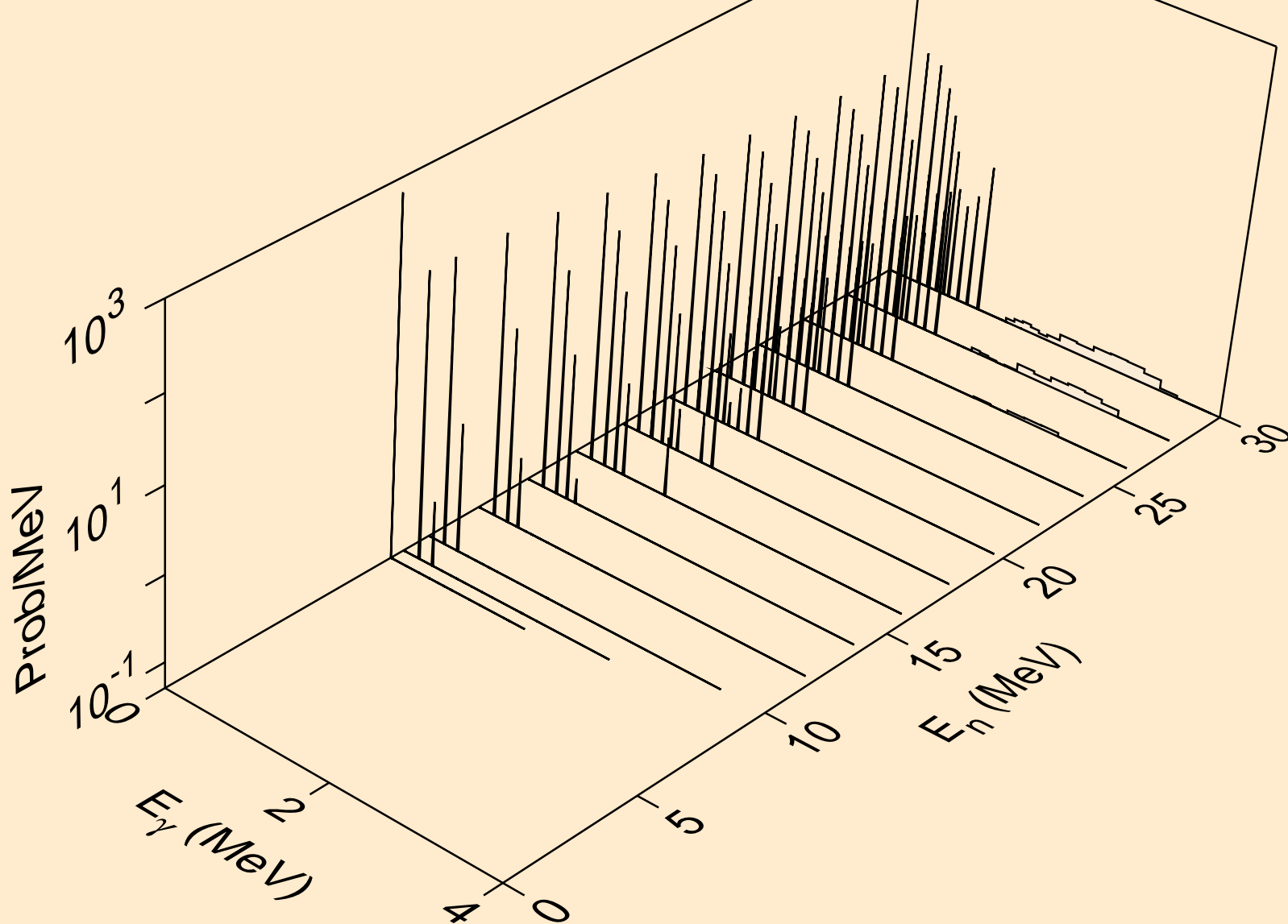
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d2a)



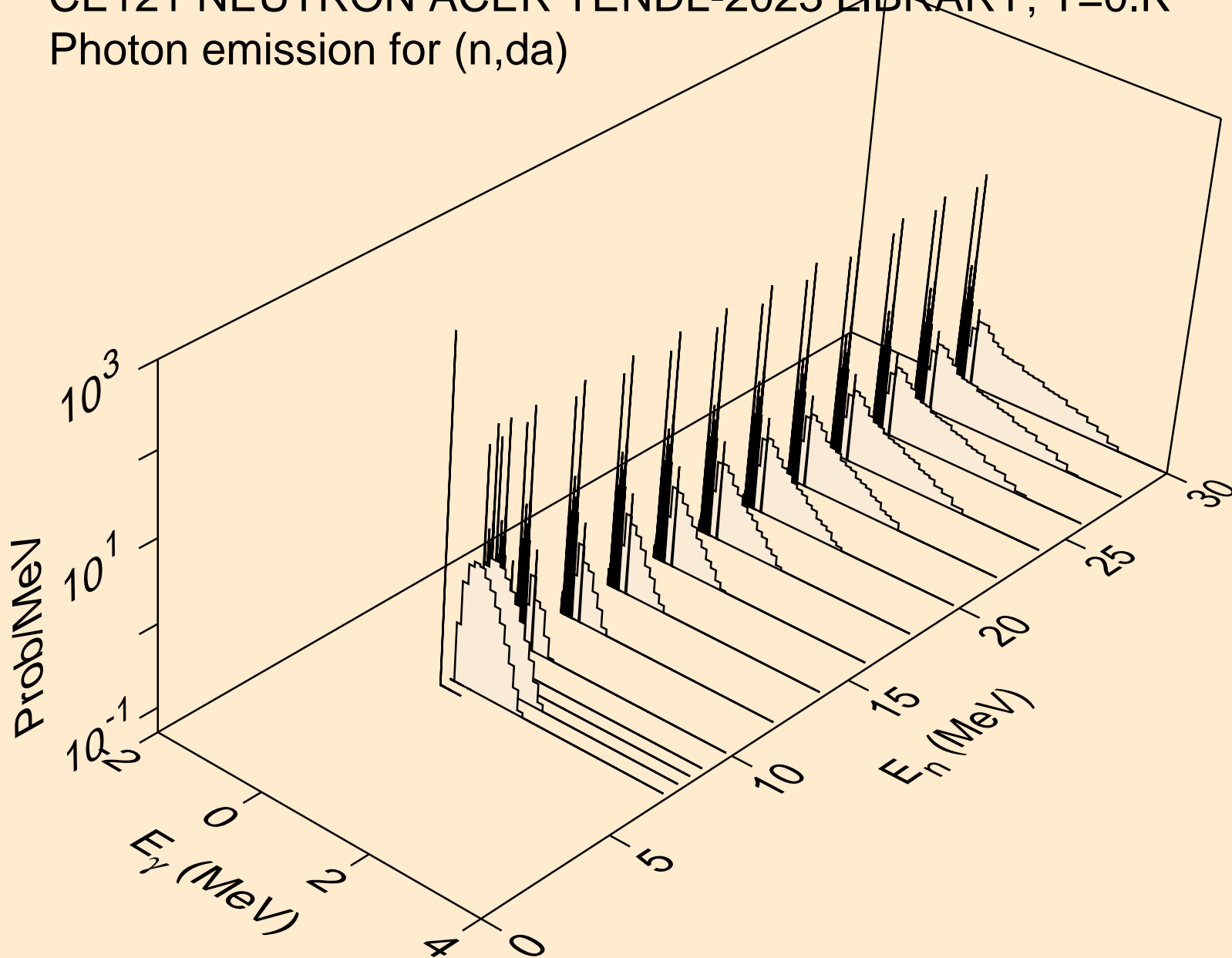
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



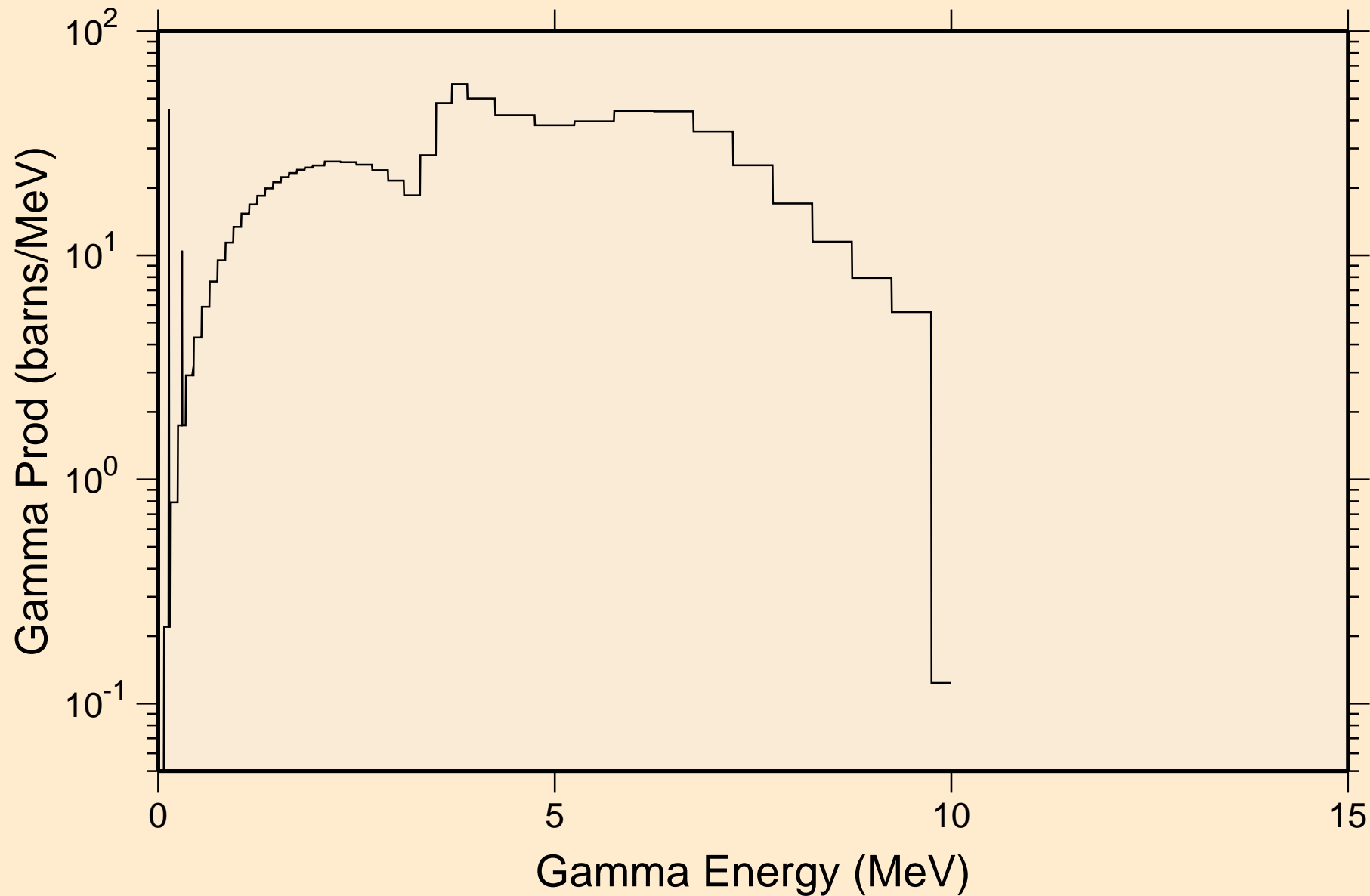
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



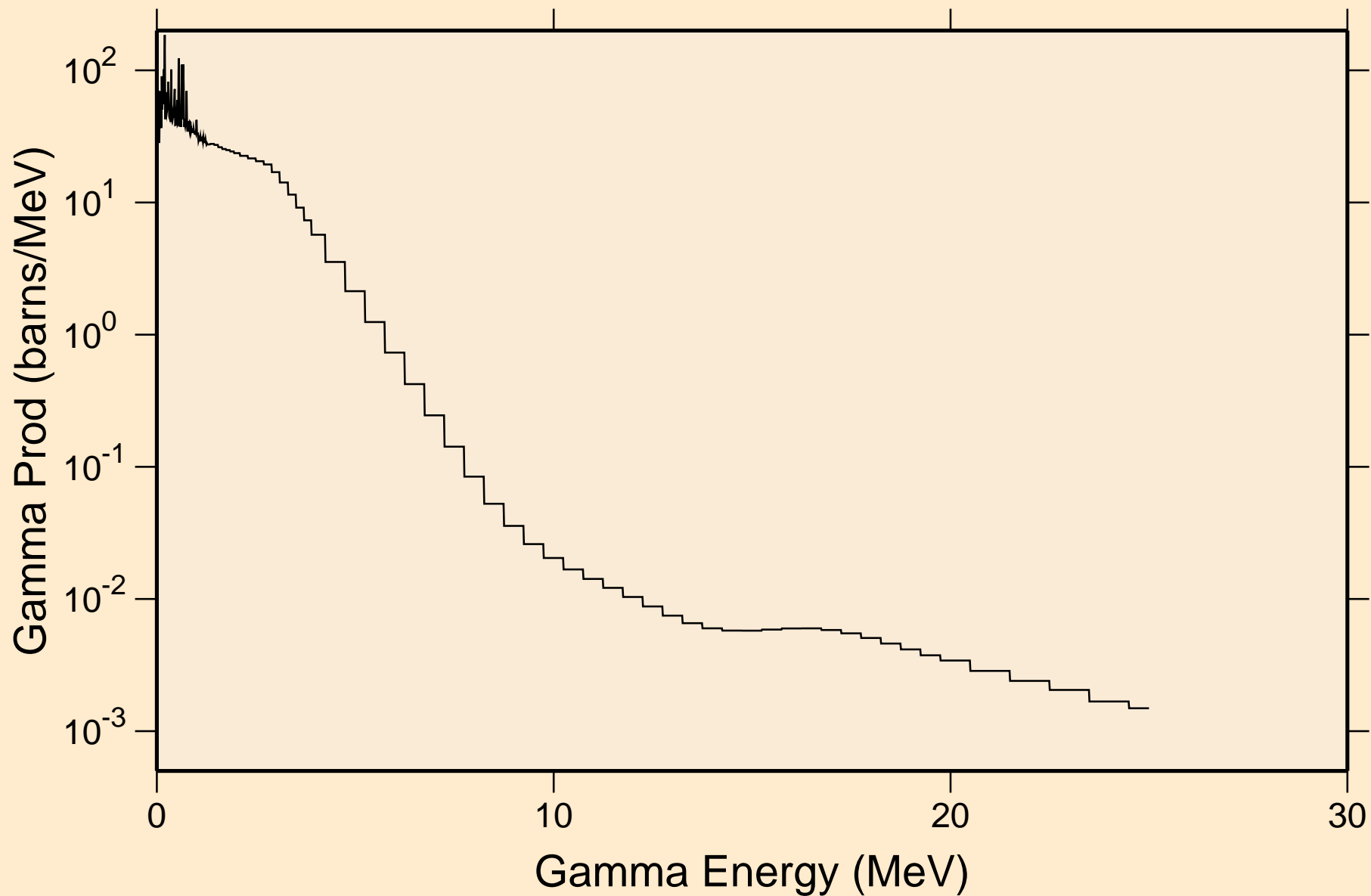
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

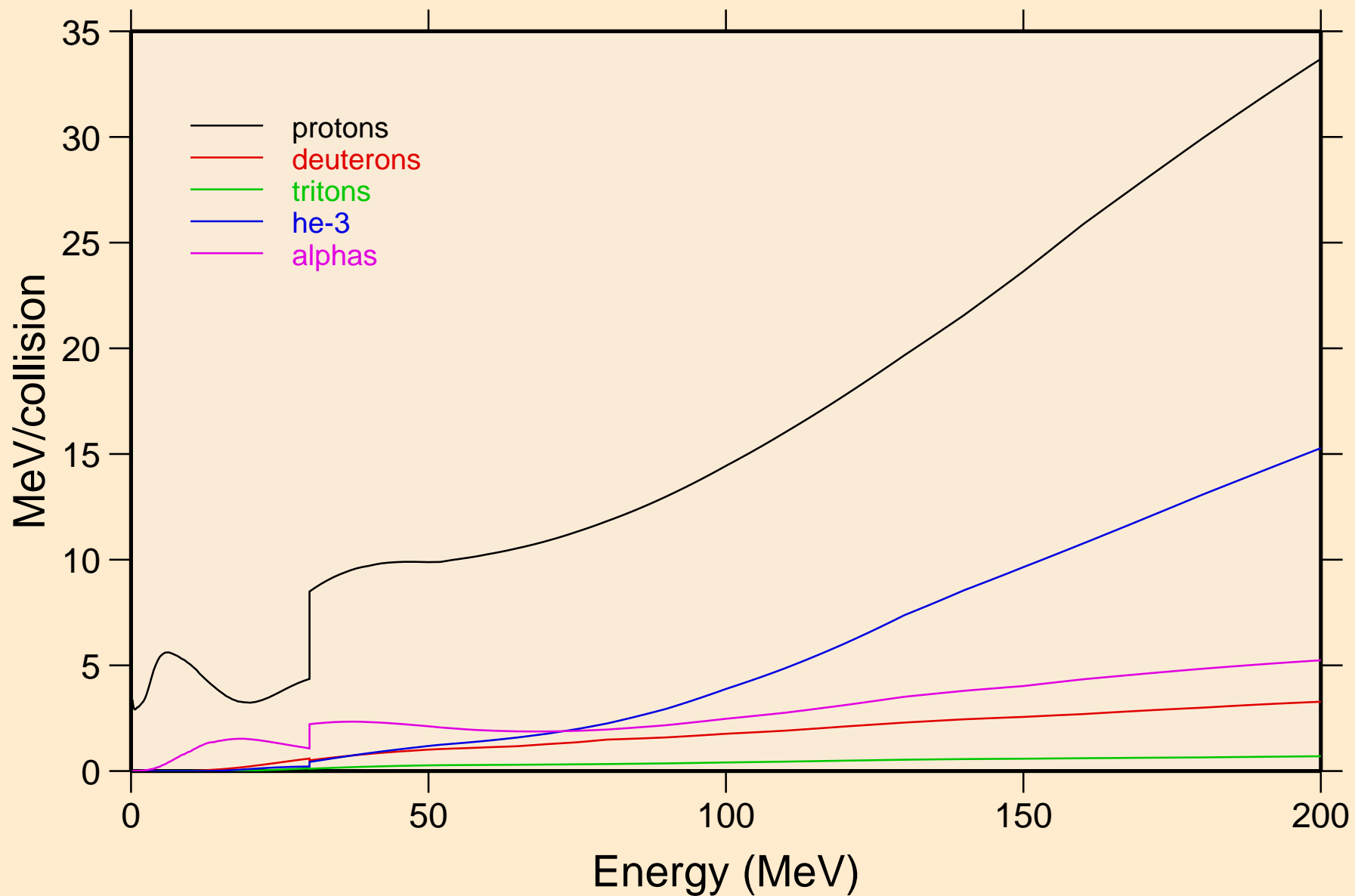


CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



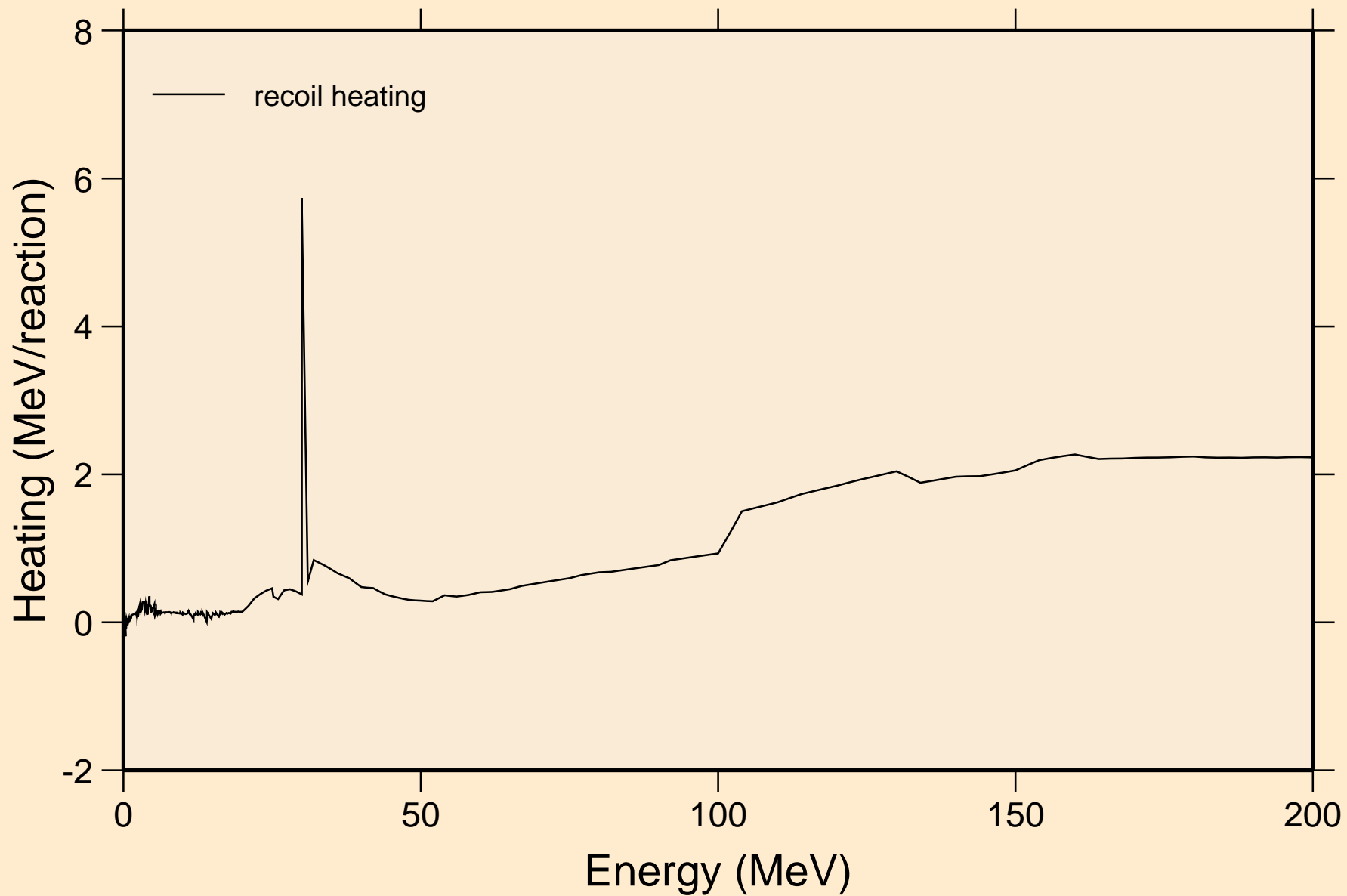
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



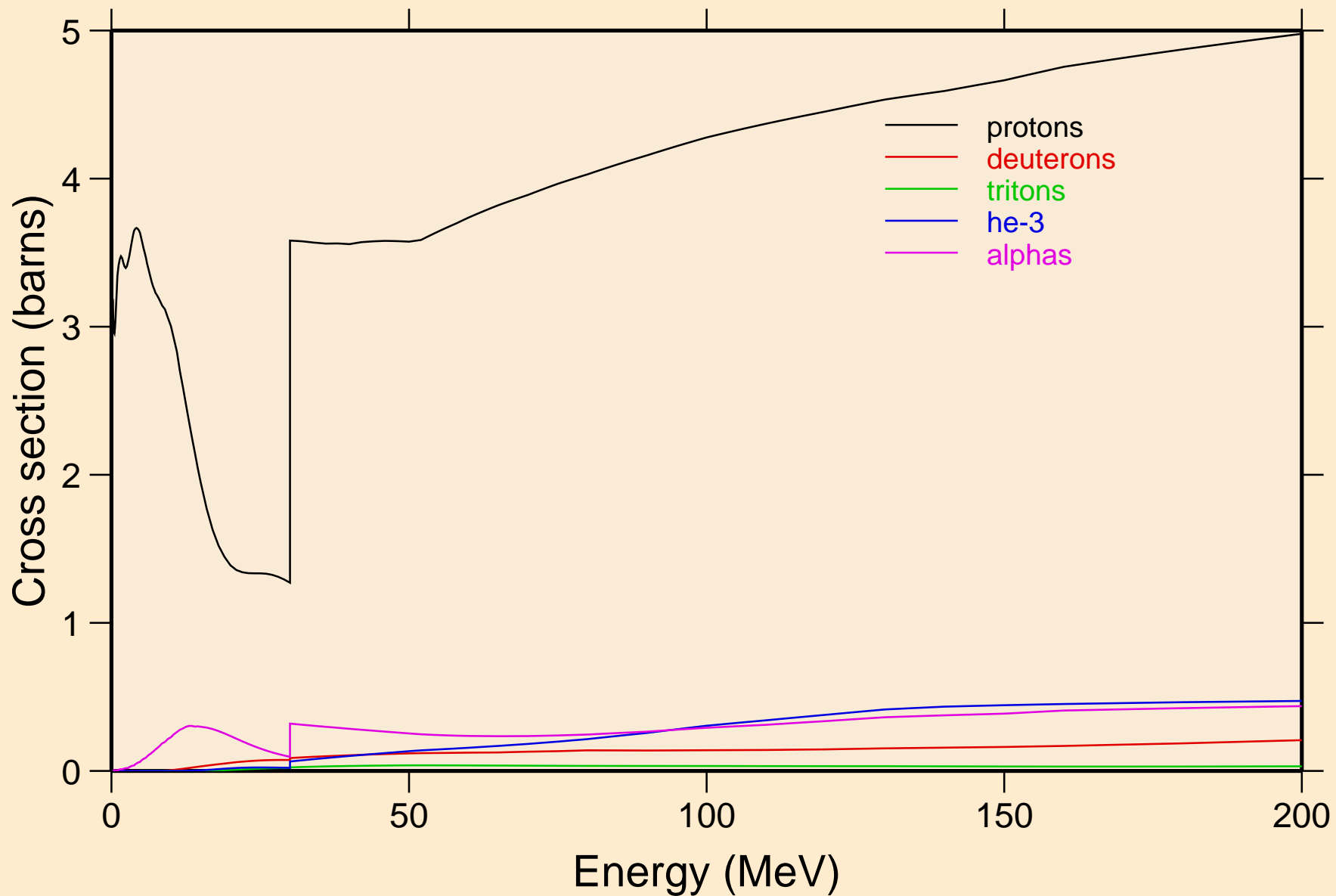
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

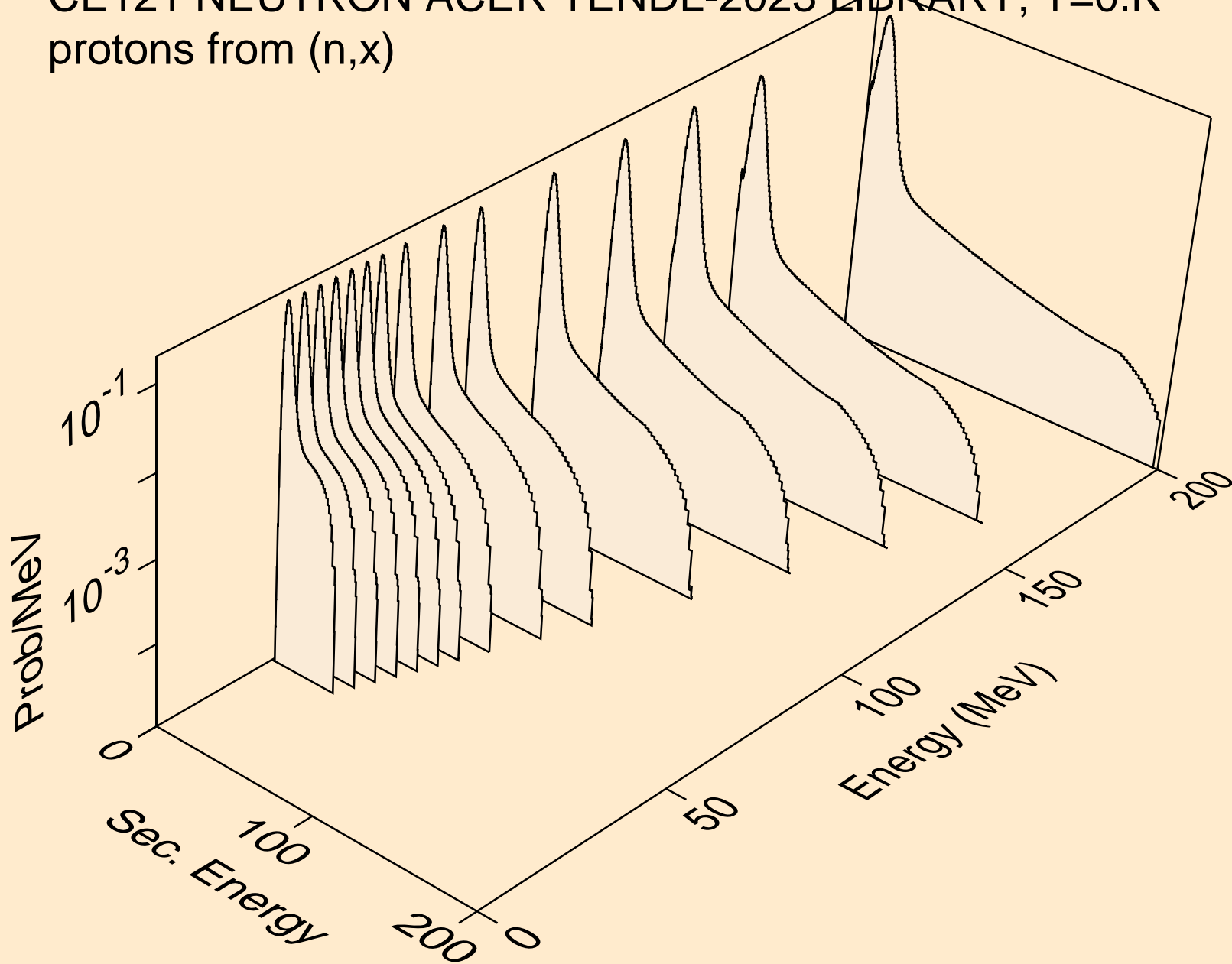


CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

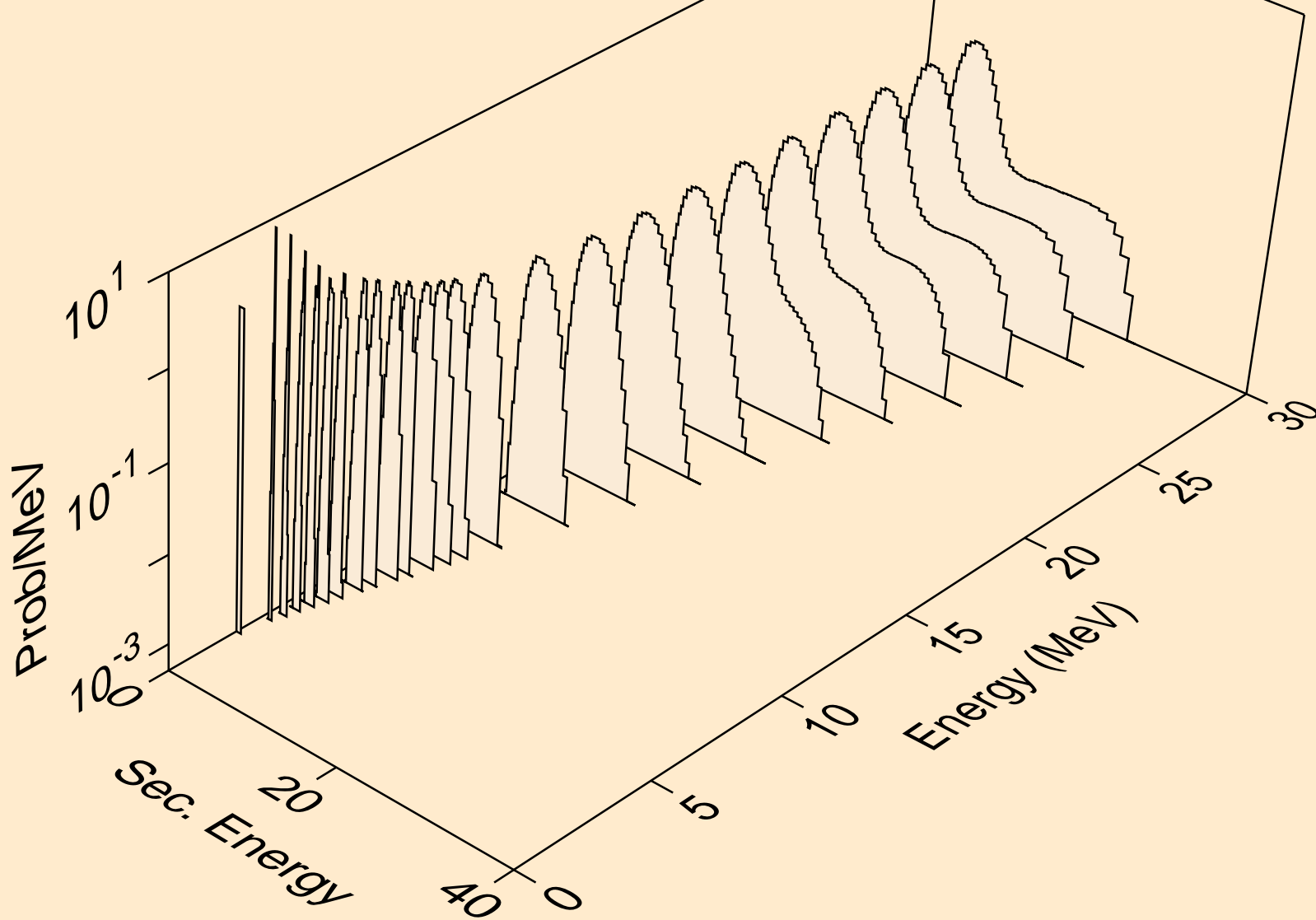
Particle production cross sections



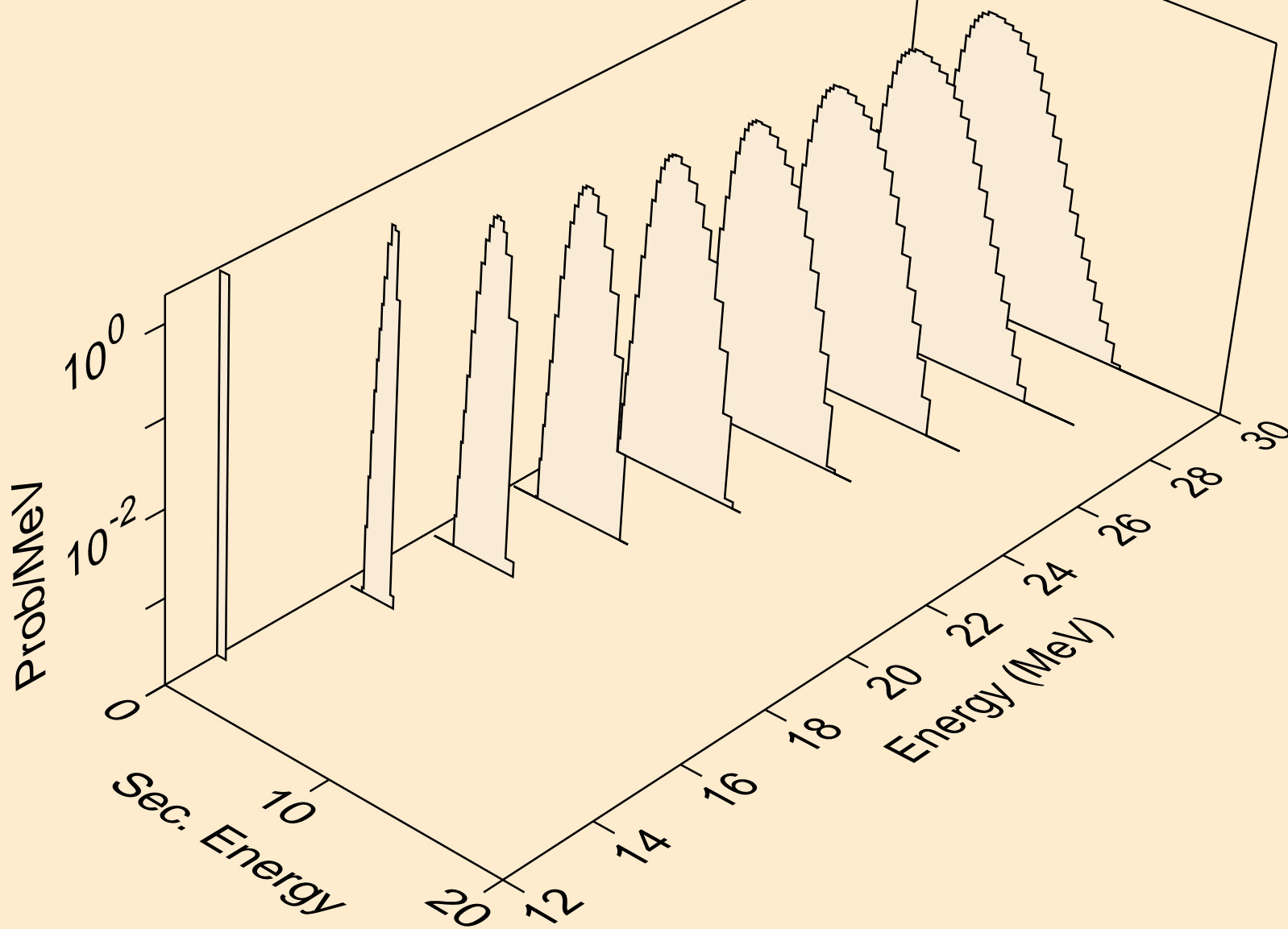
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



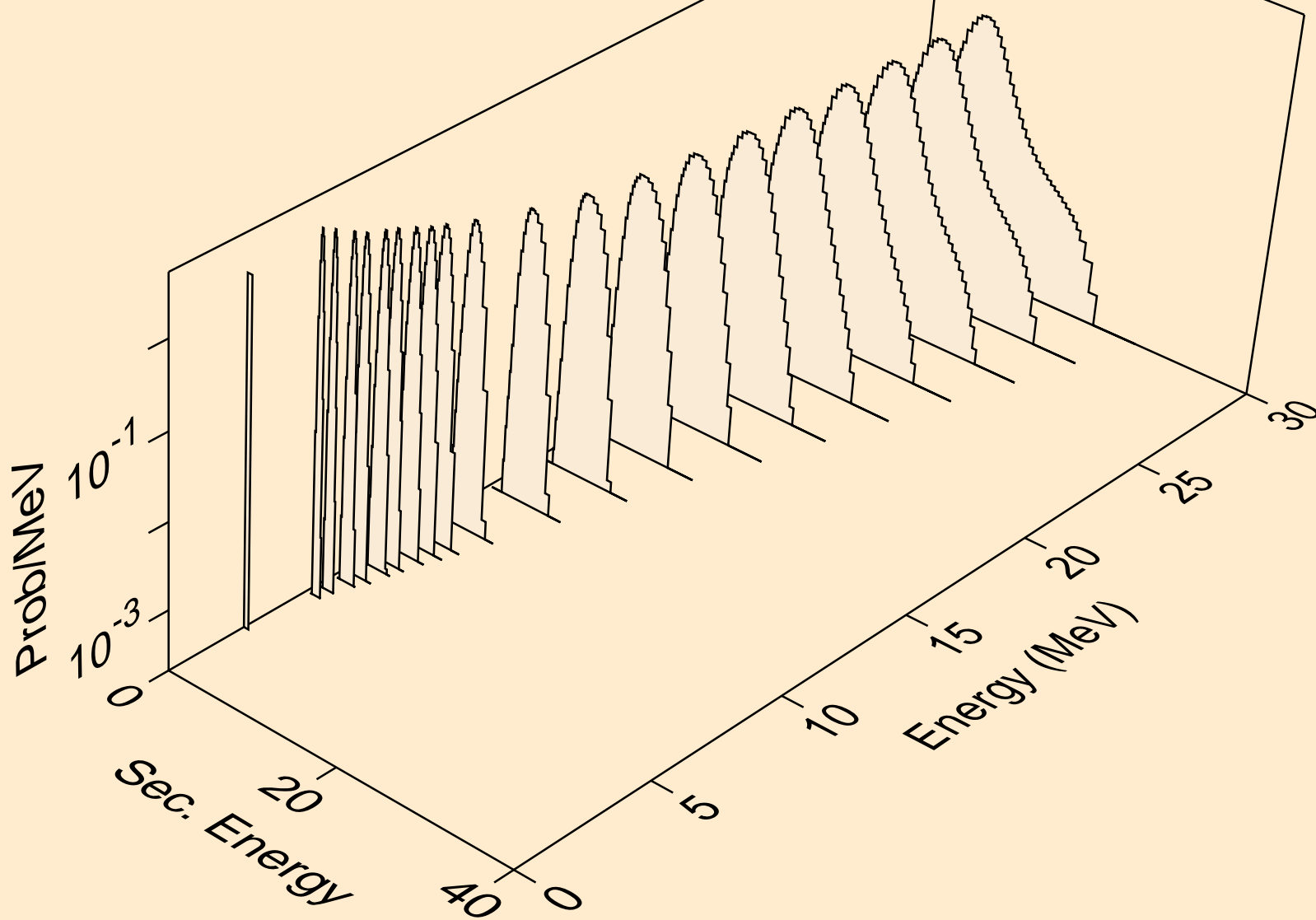
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



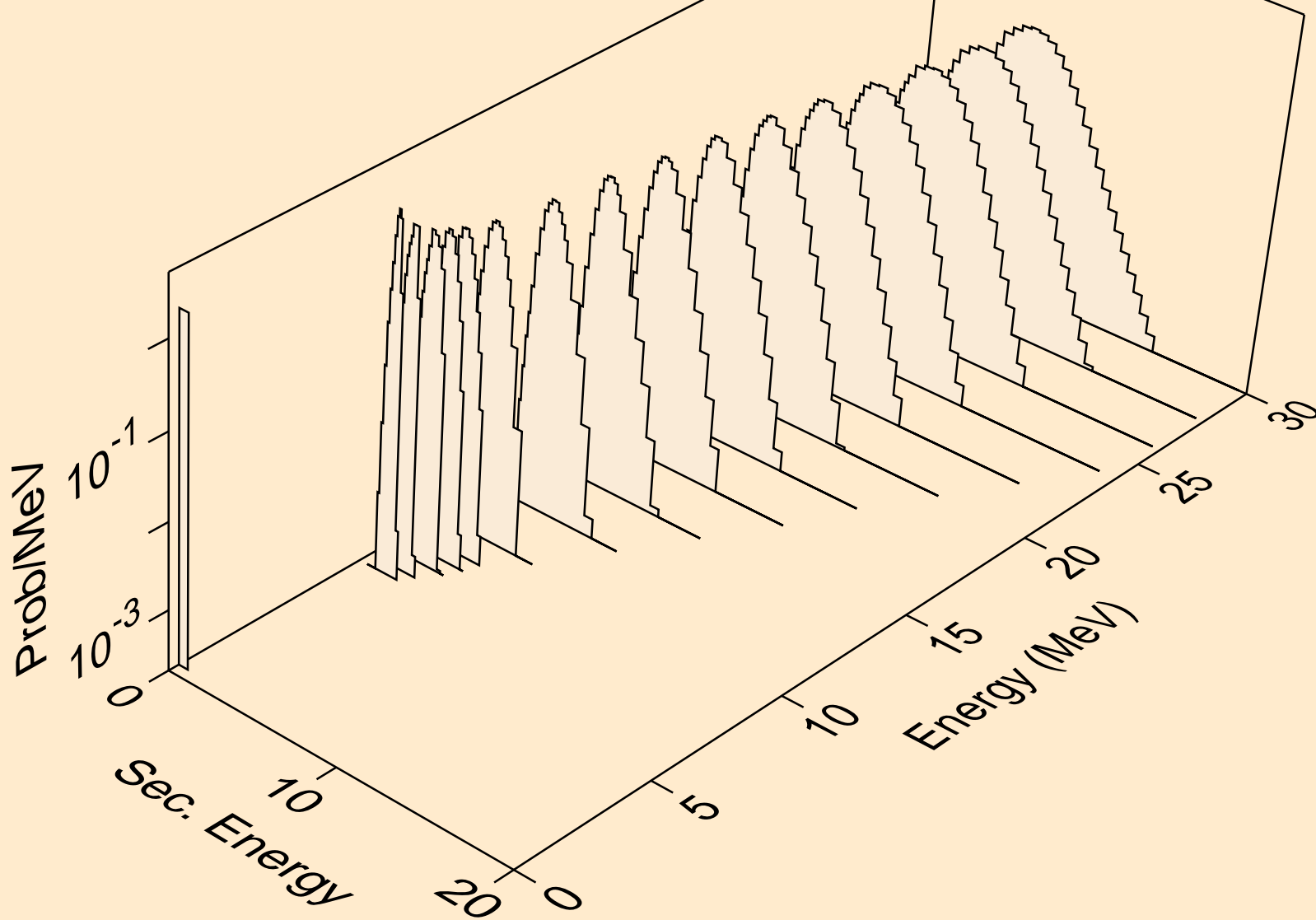
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



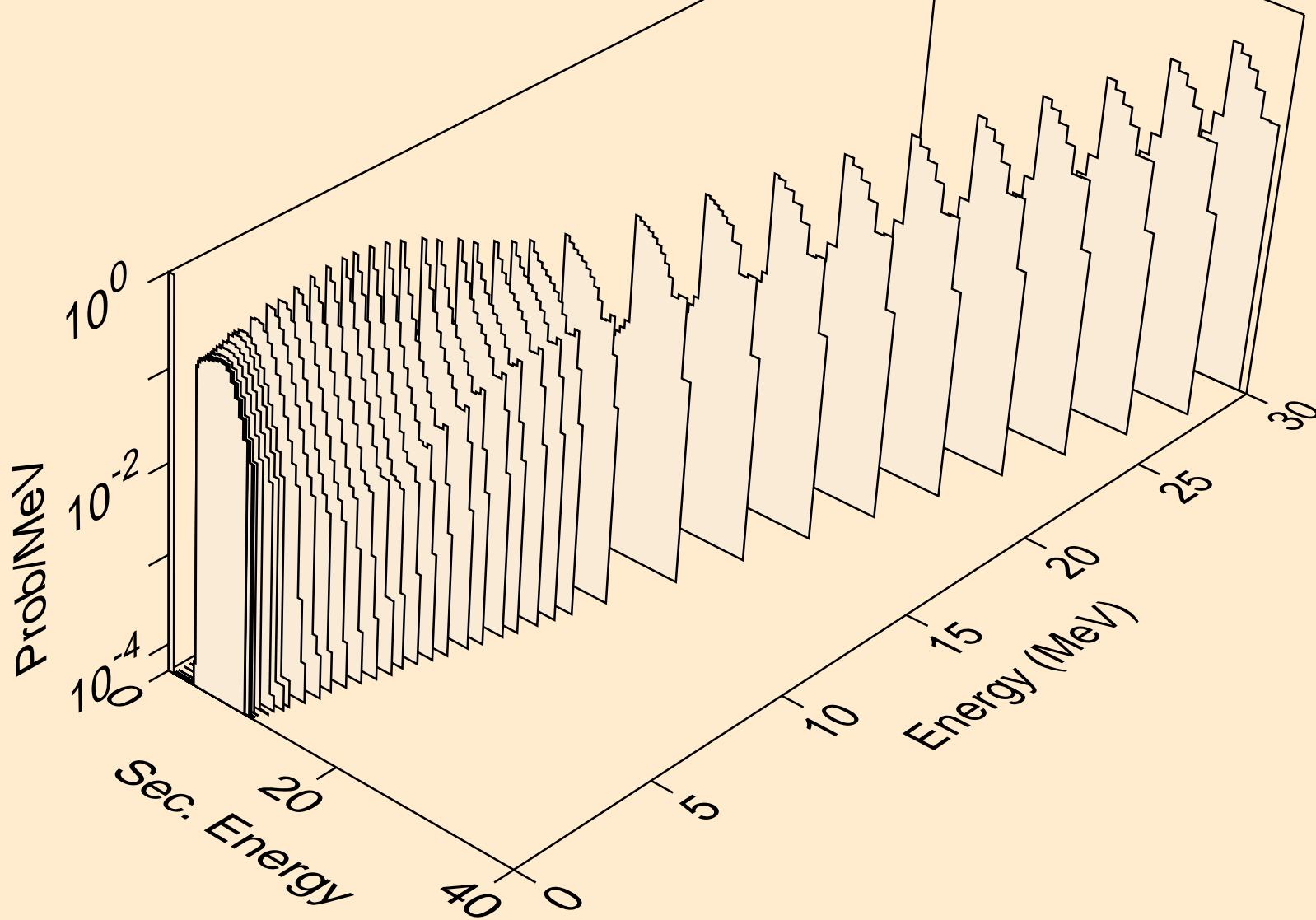
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protons from (n,n2p)



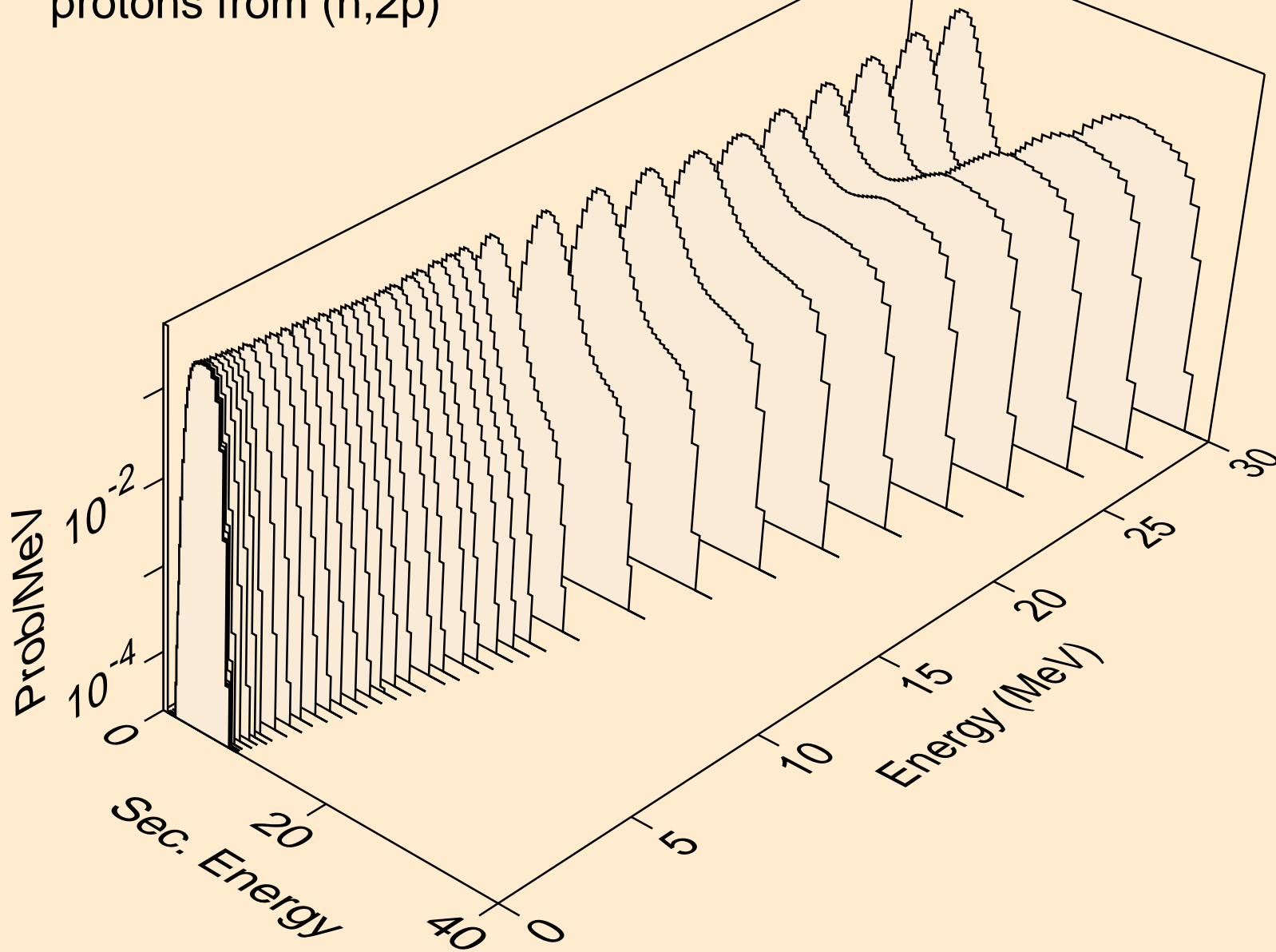
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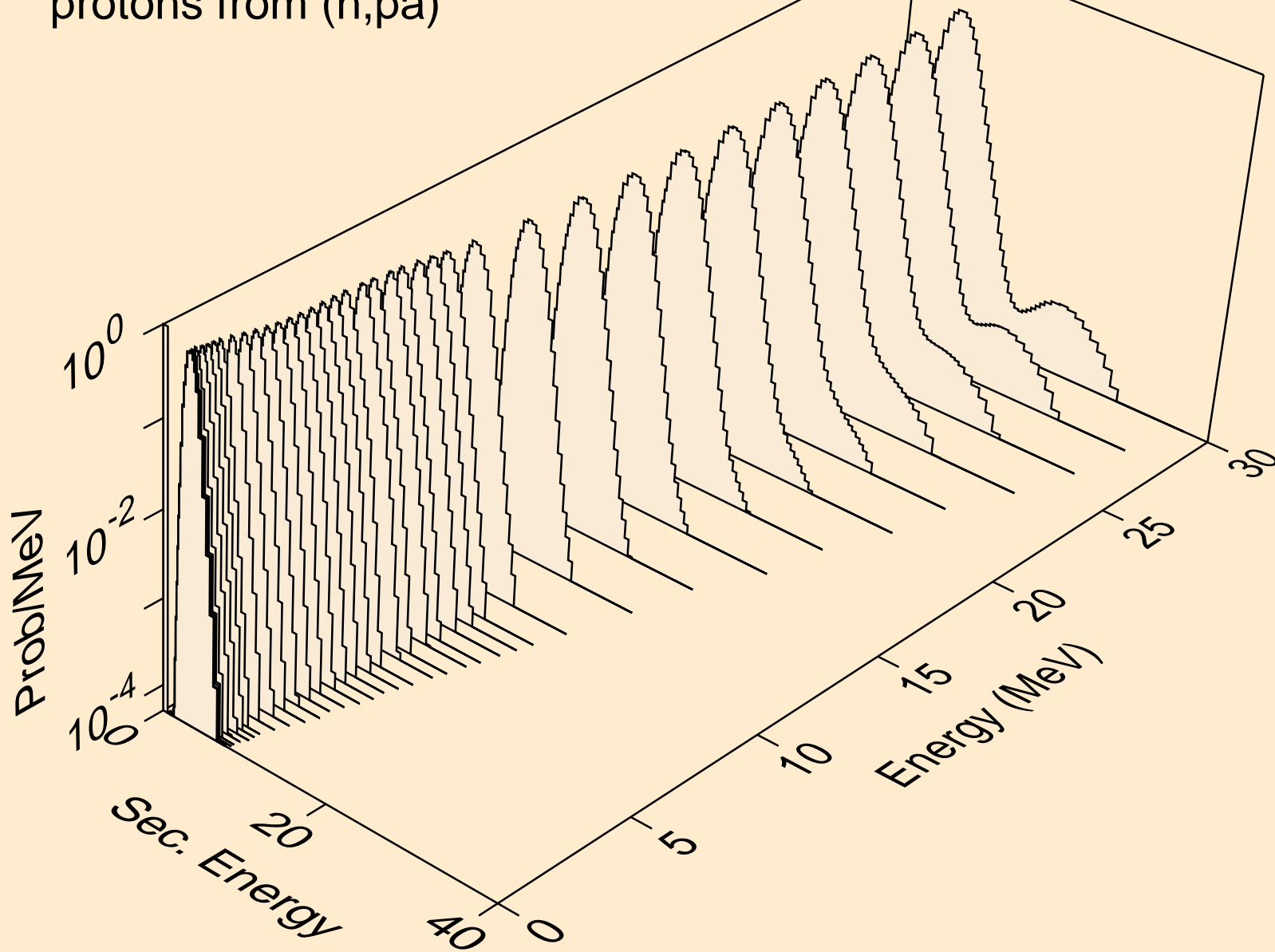
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protons from (n,p)



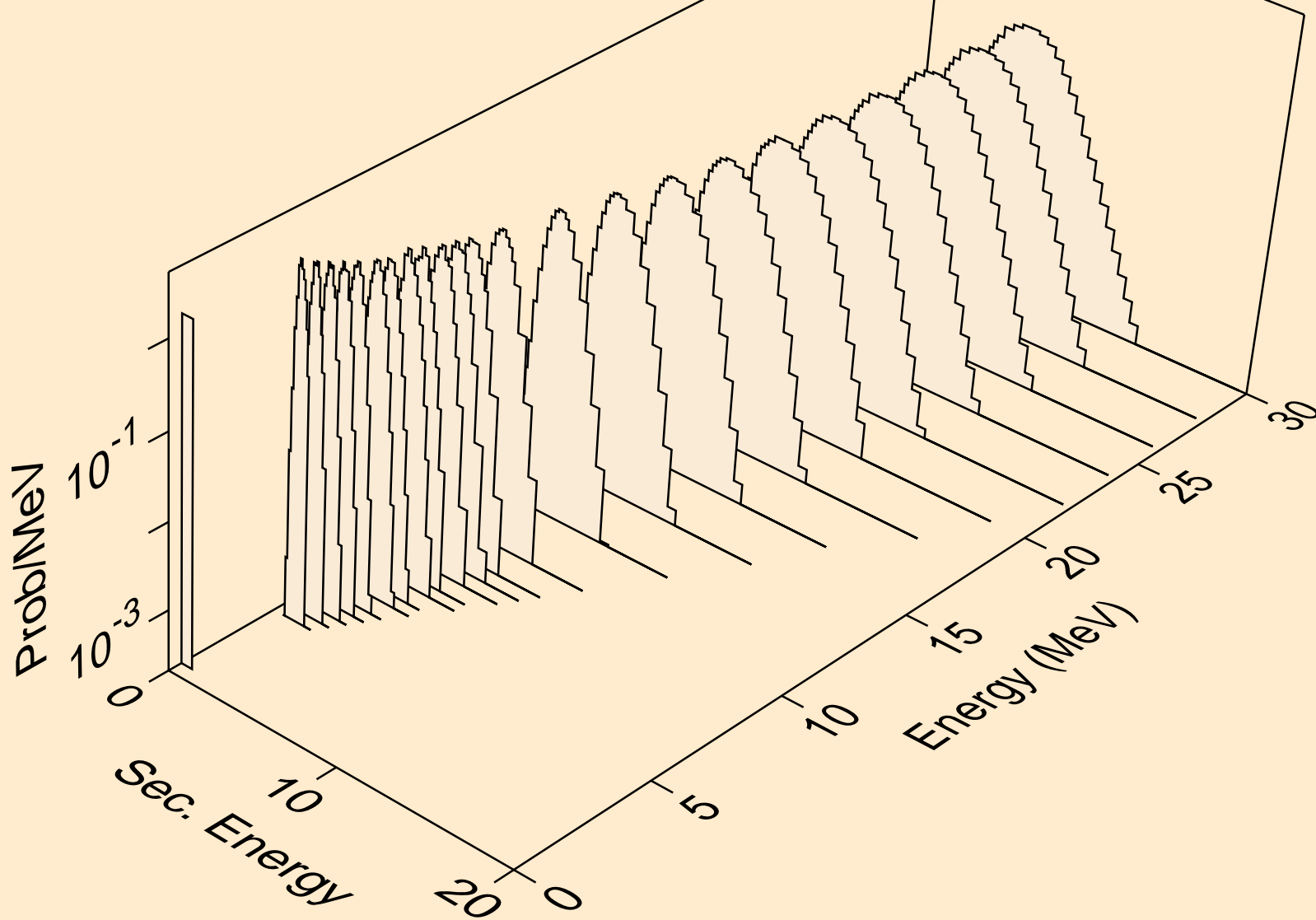
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protons from (n,2p)



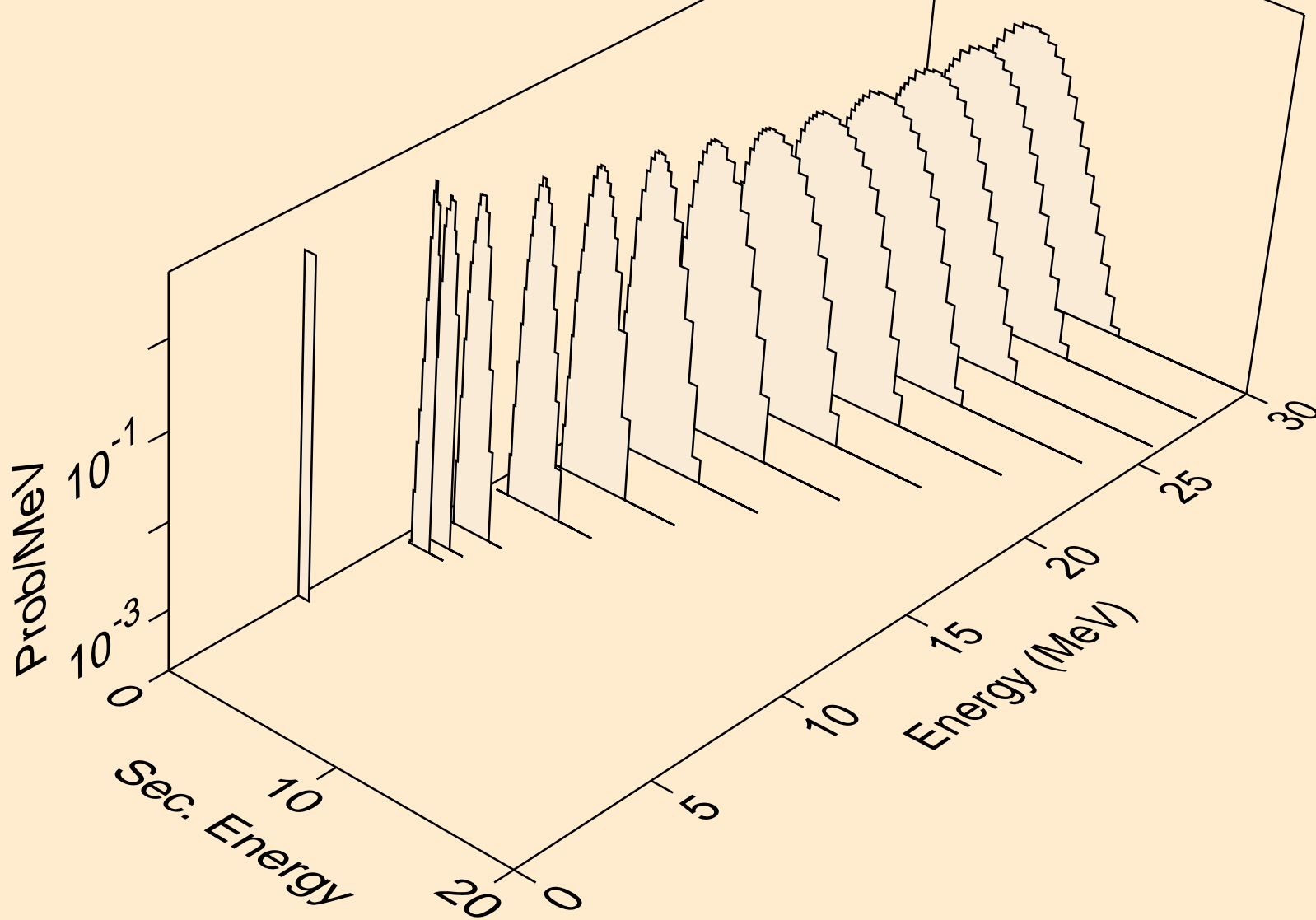
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protons from (n,p)



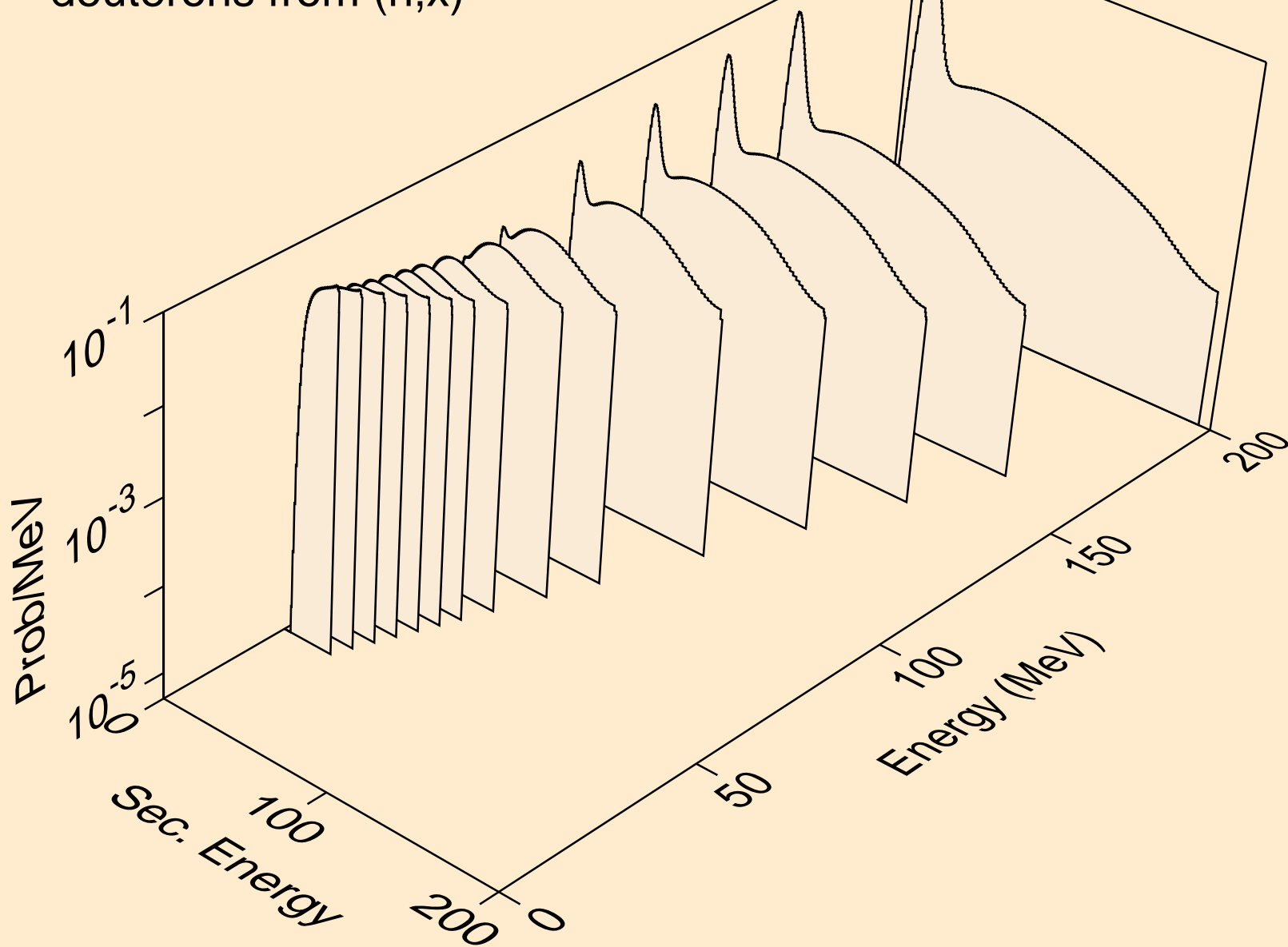
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



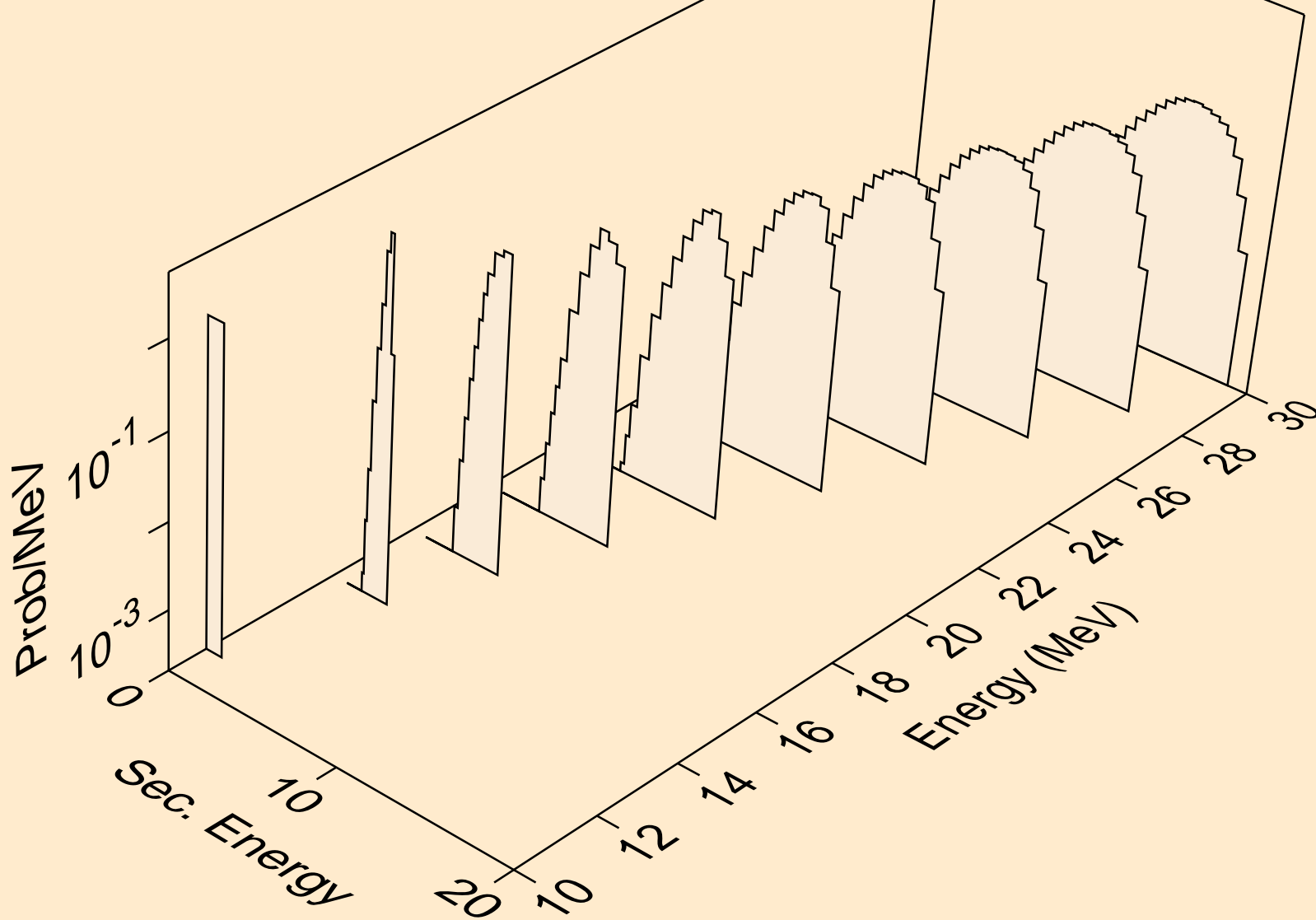
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protons from (n,pt)



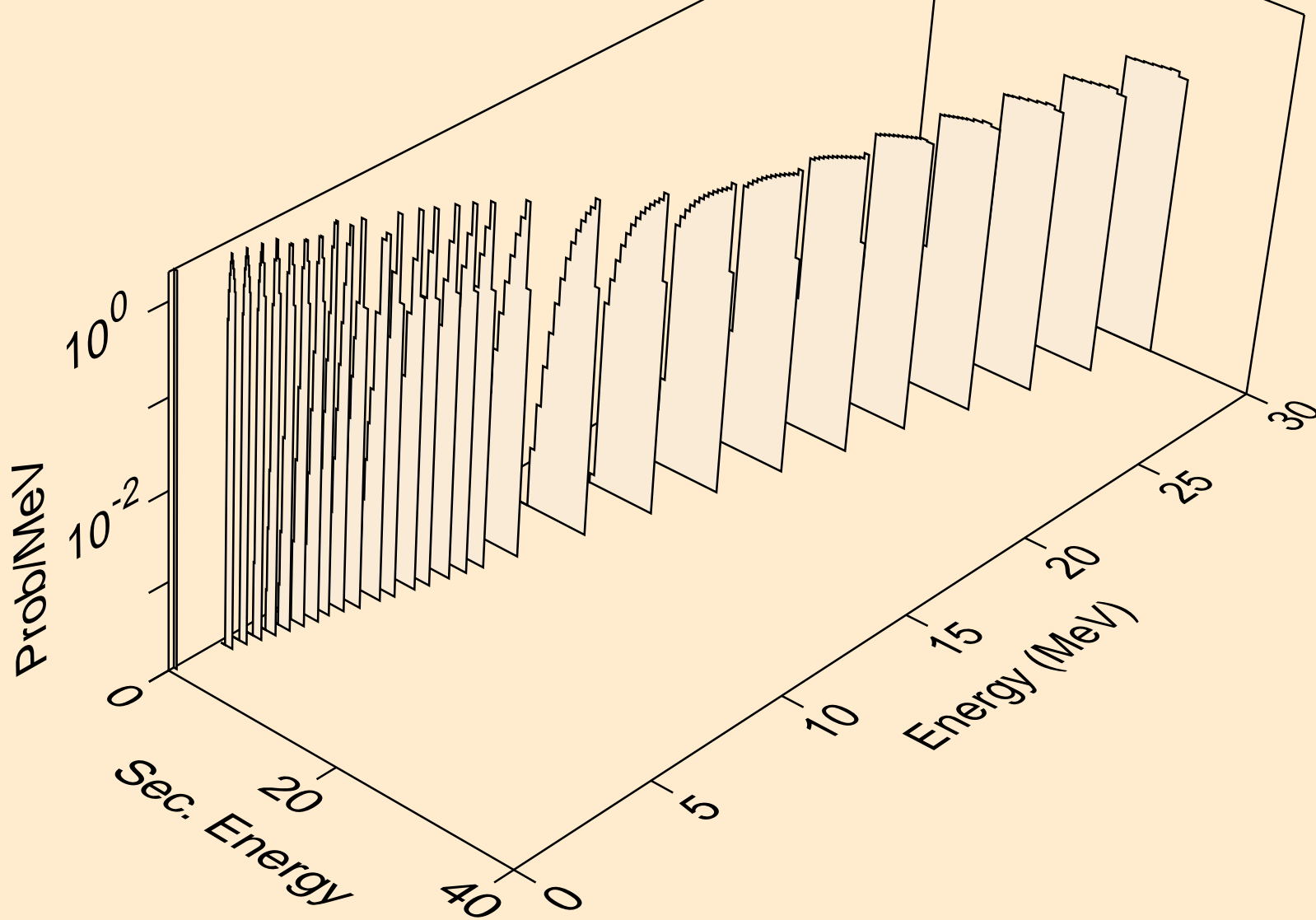
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



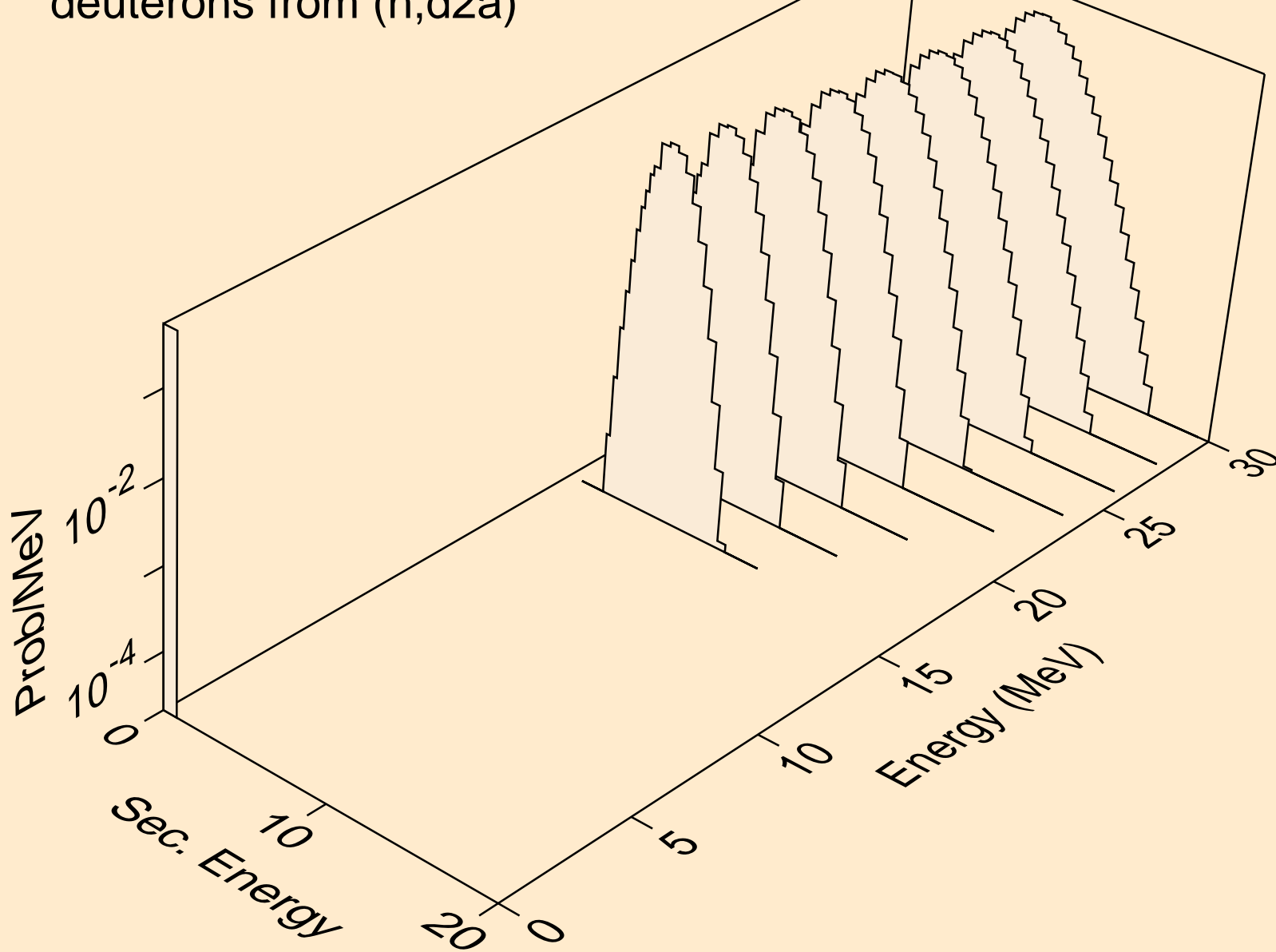
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



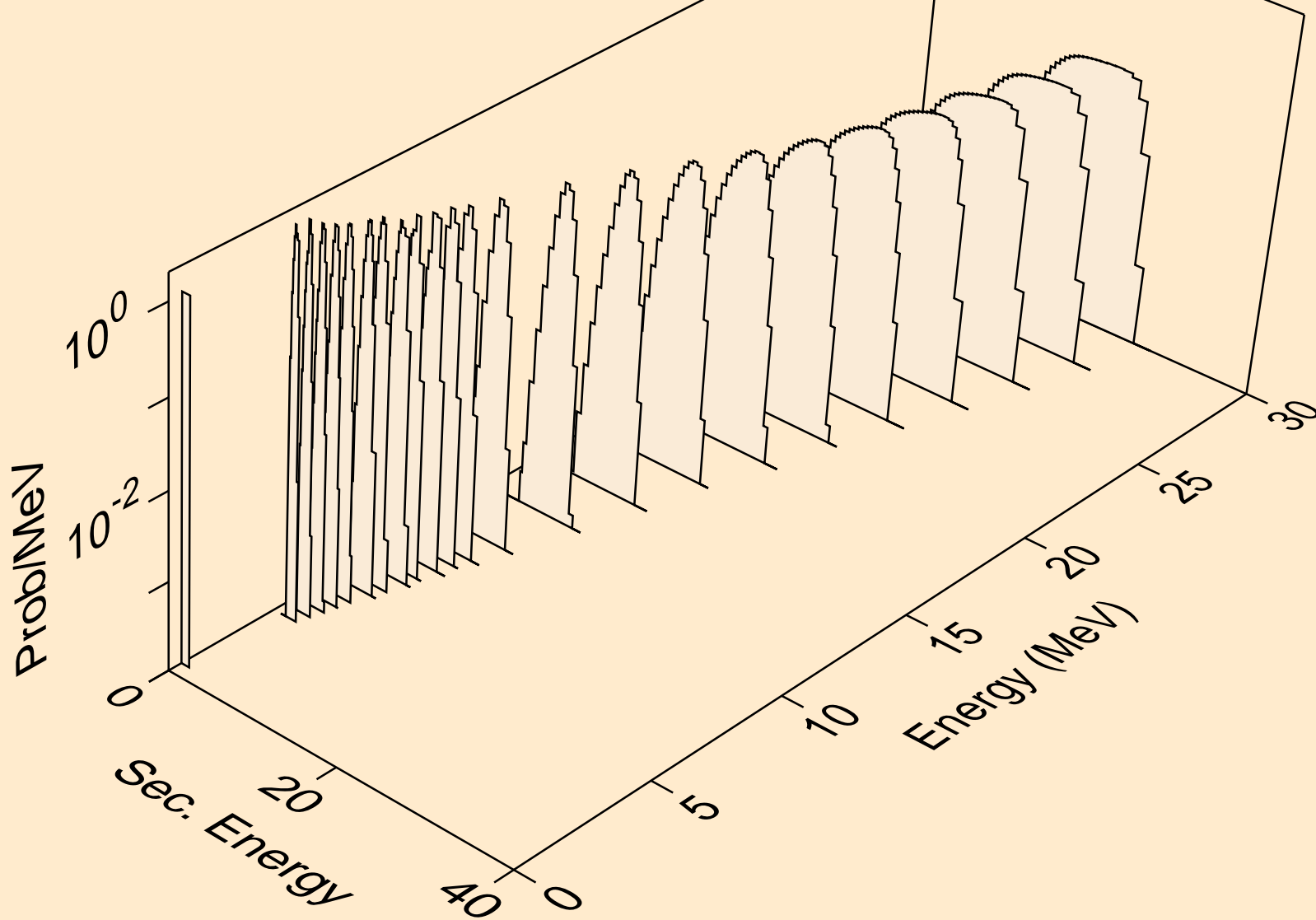
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deuterons from (n,d)



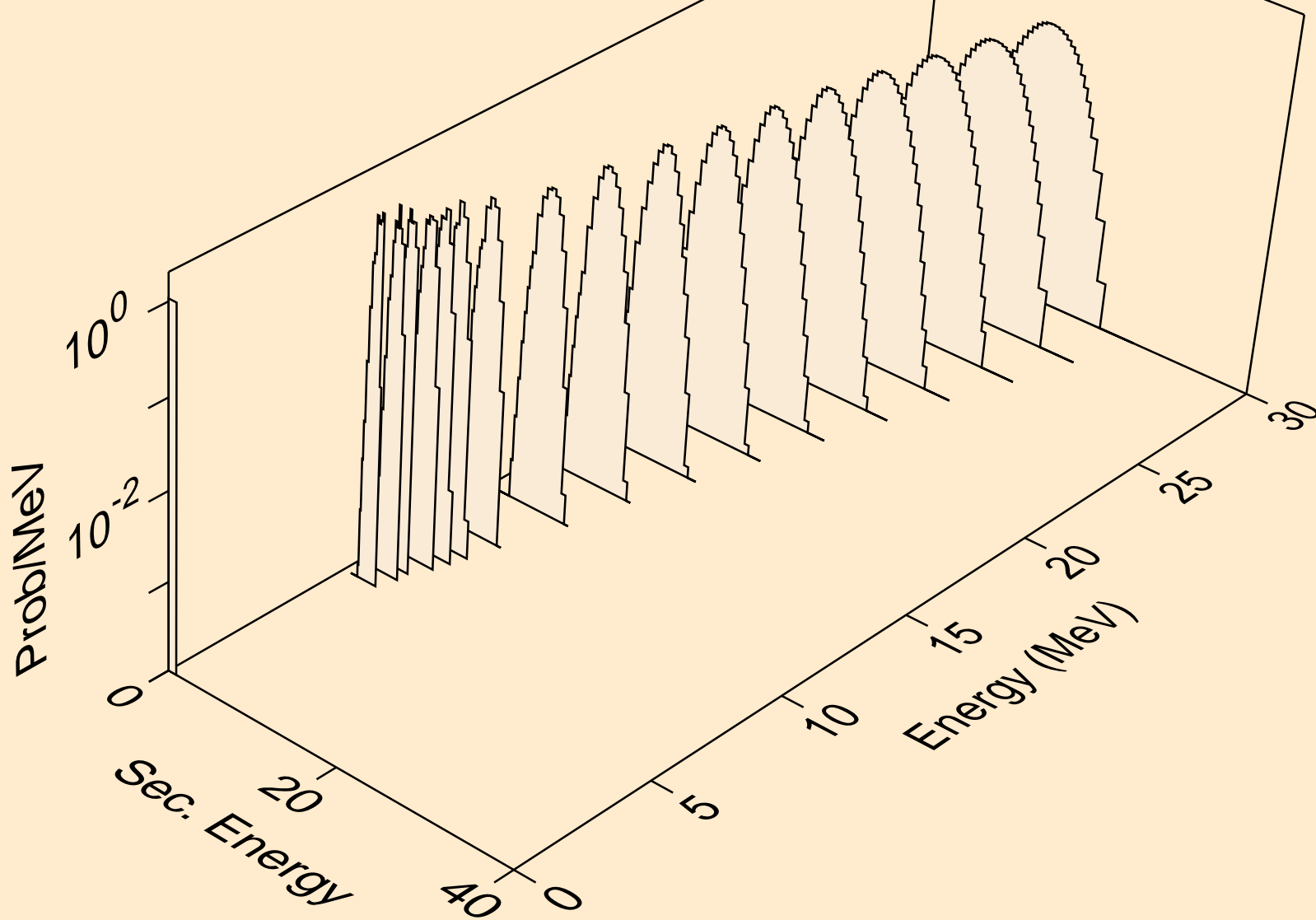
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deuterons from (n,d2a)



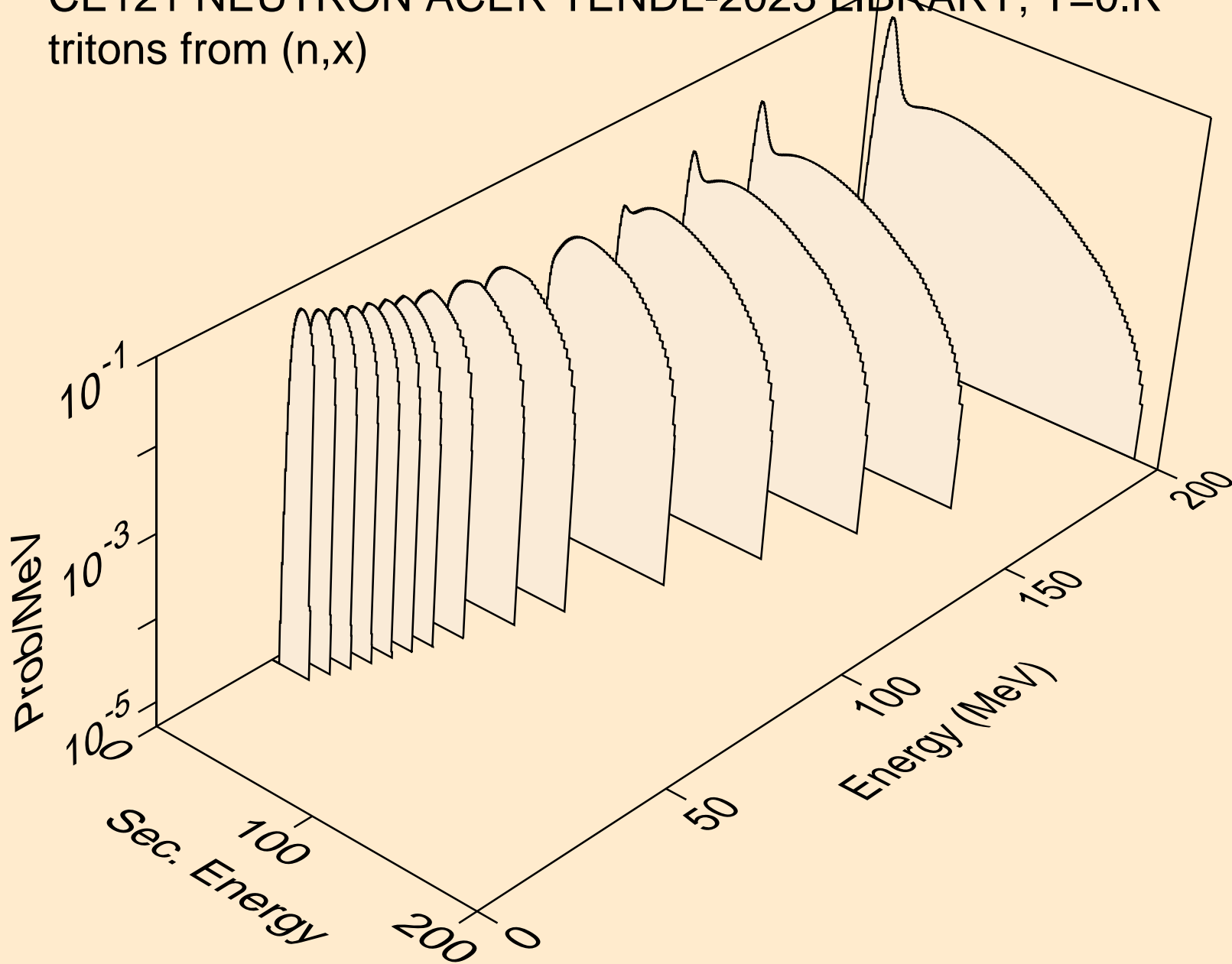
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deuterons from (n,pd)



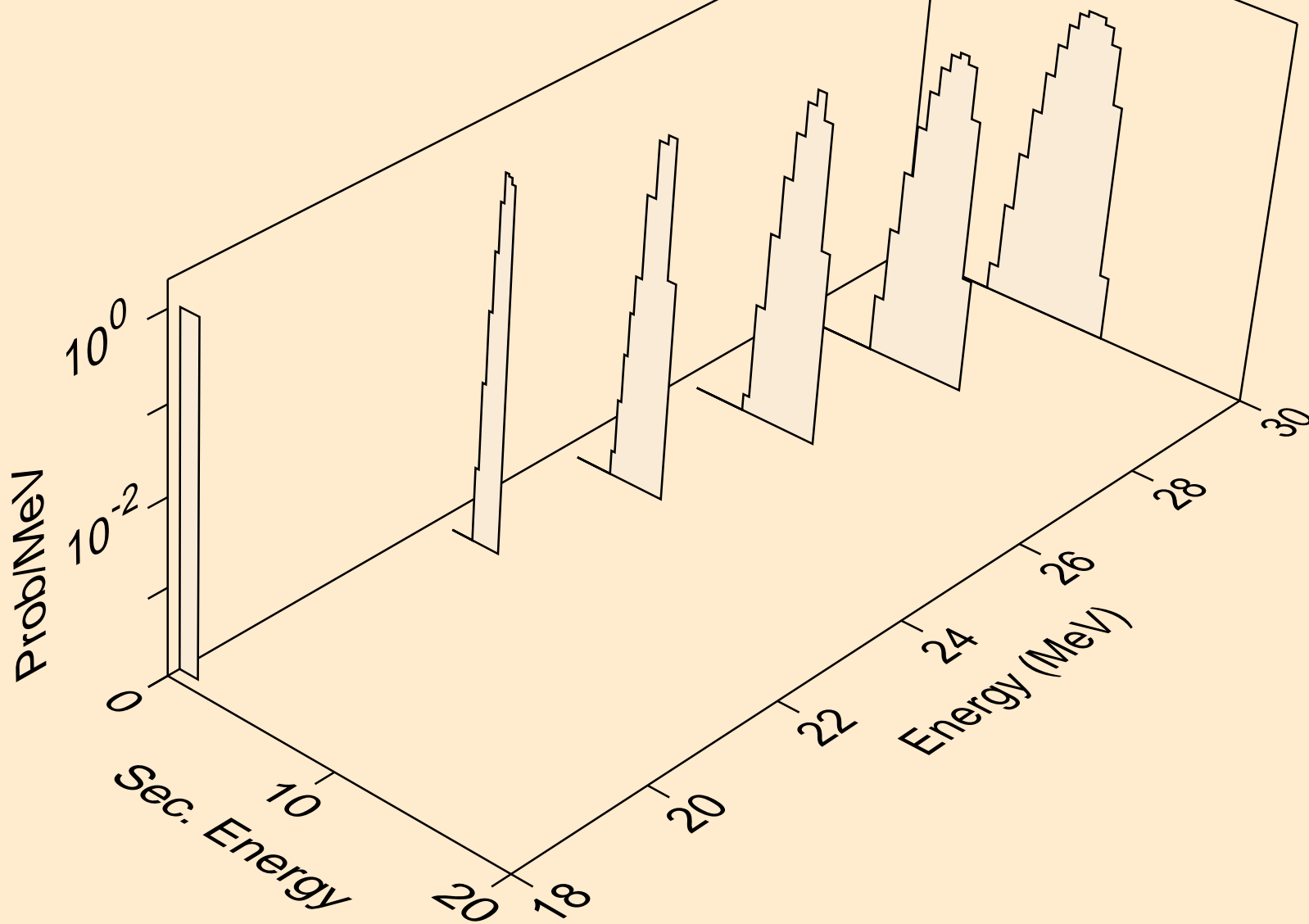
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deuterons from (n,da)



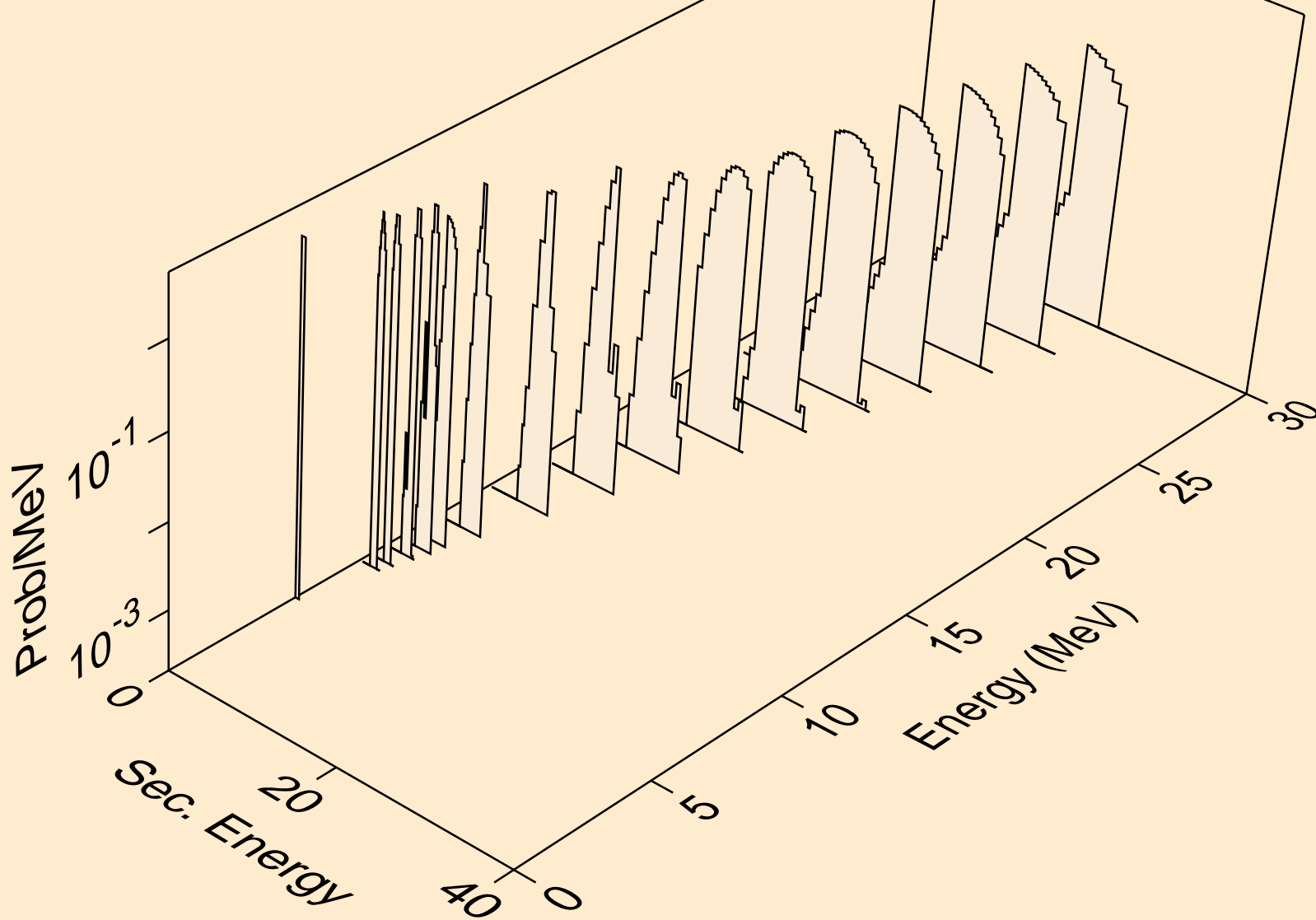
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



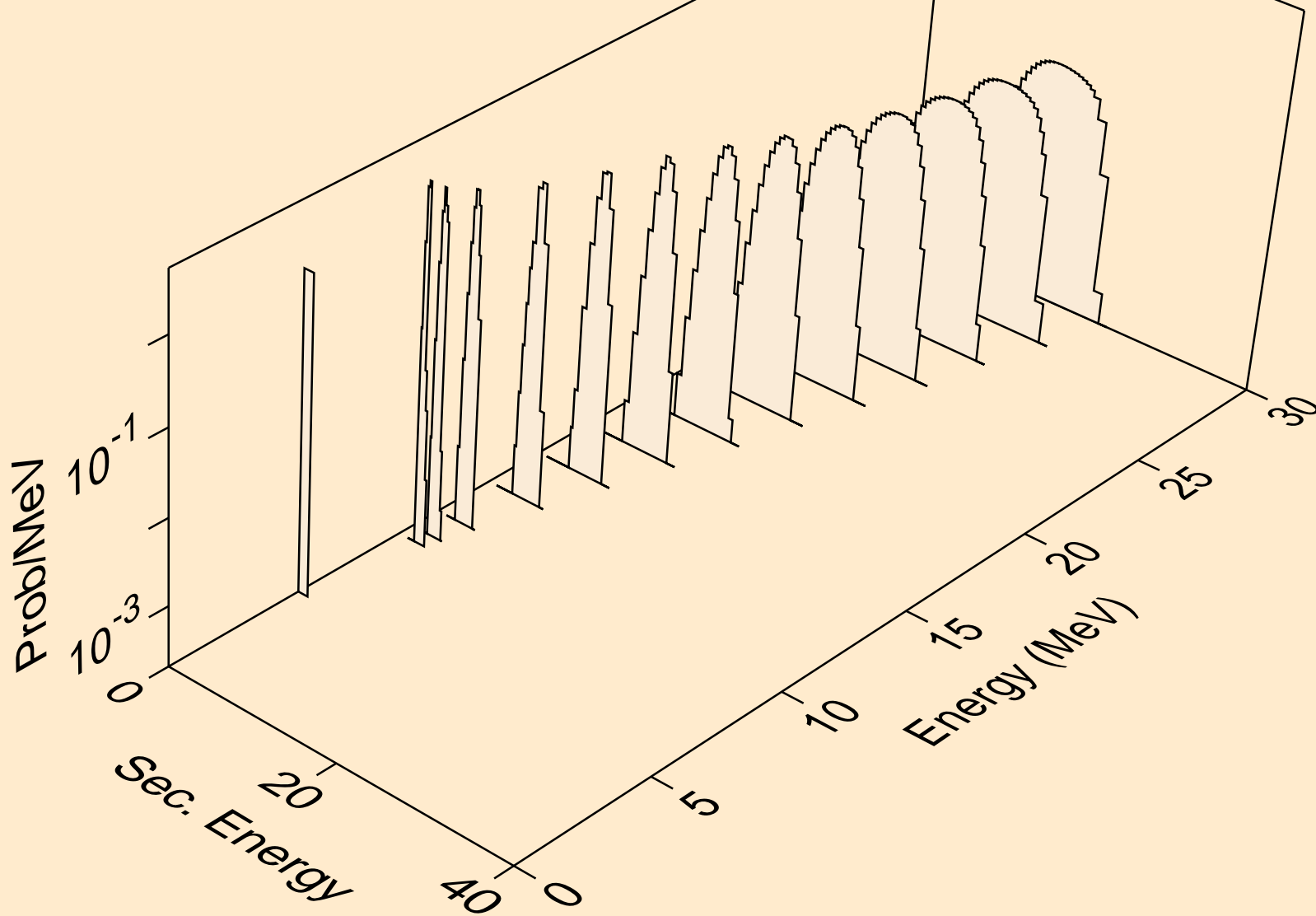
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



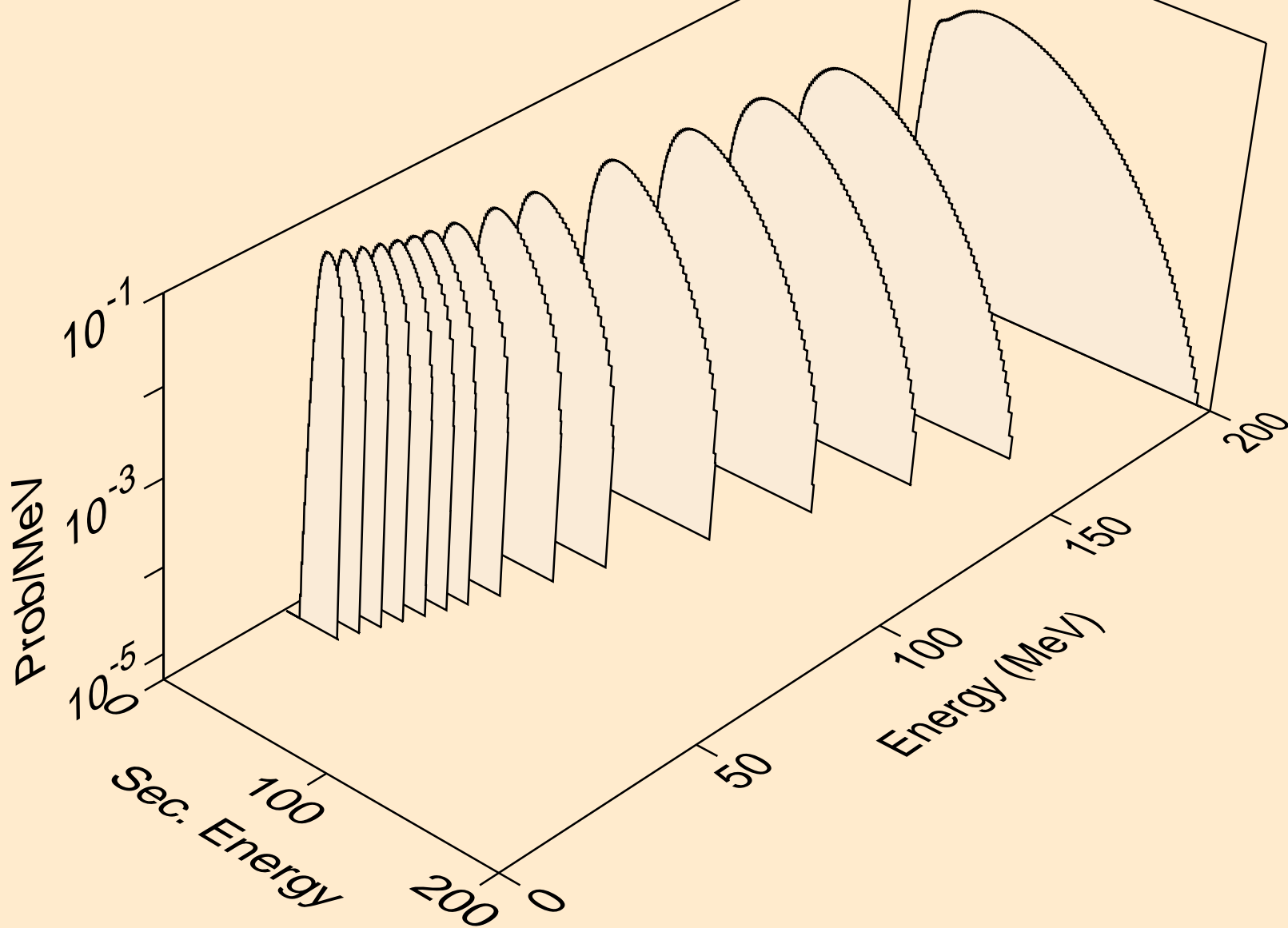
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tritons from (n,t)



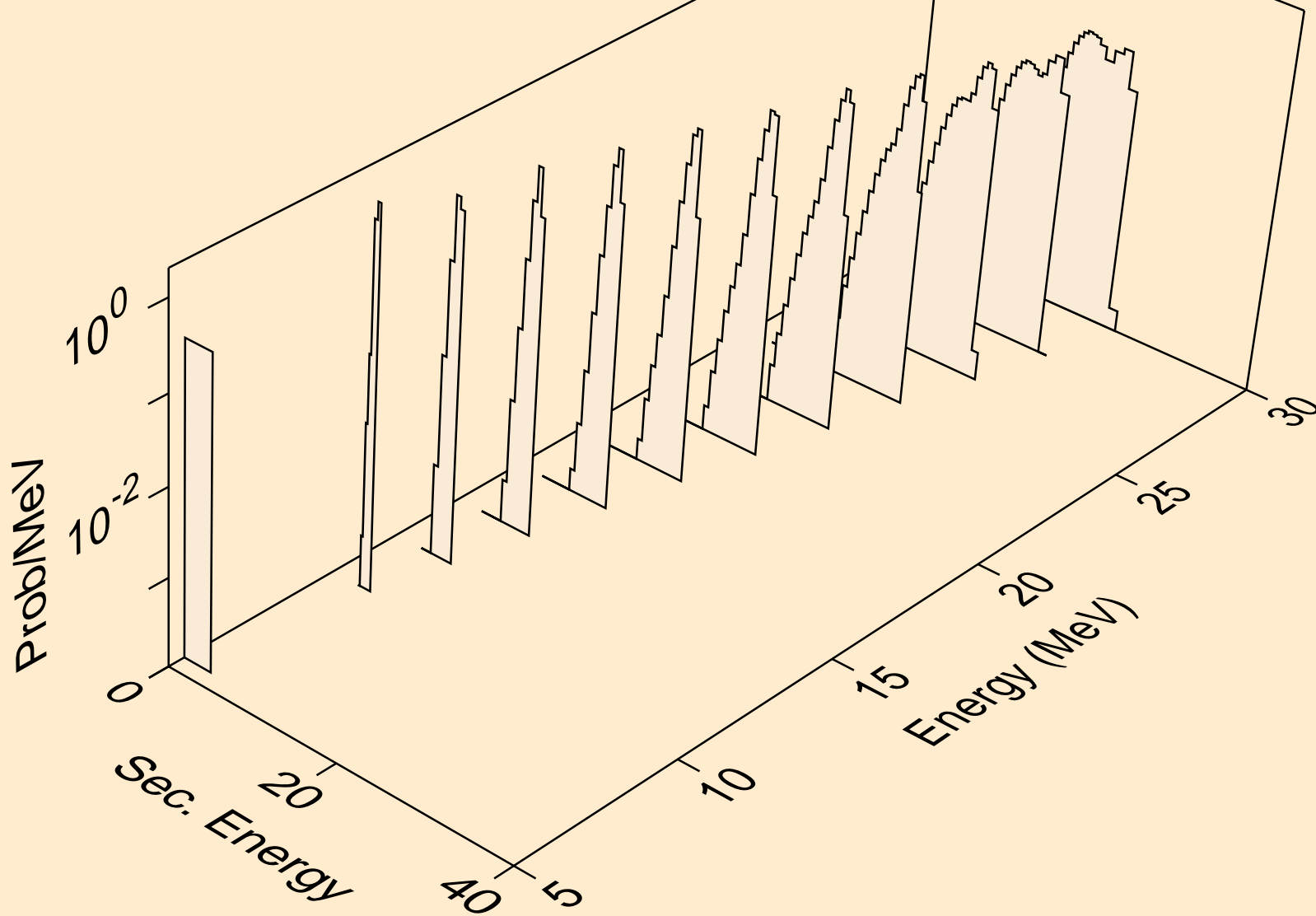
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tritons from (n,pt)



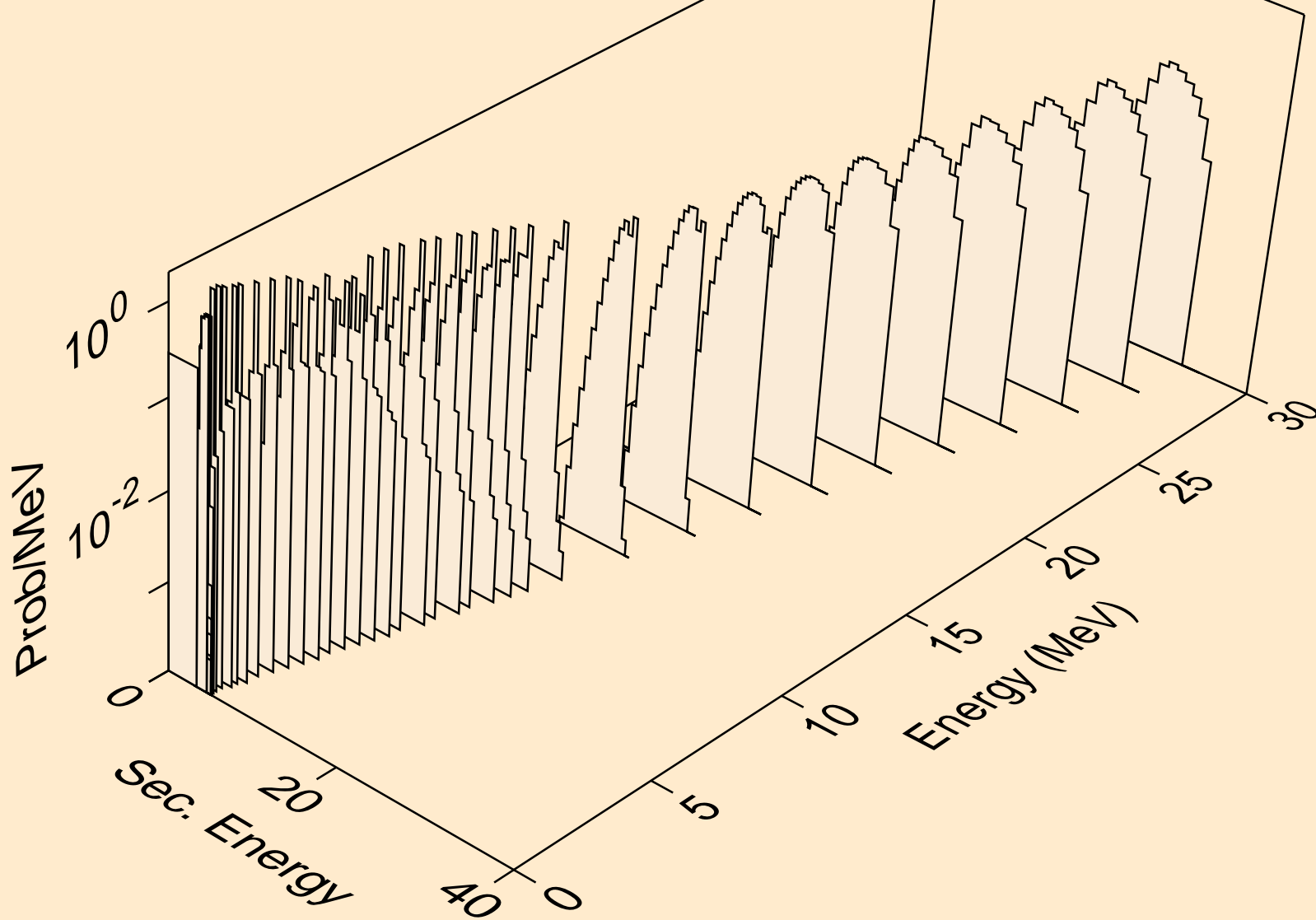
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



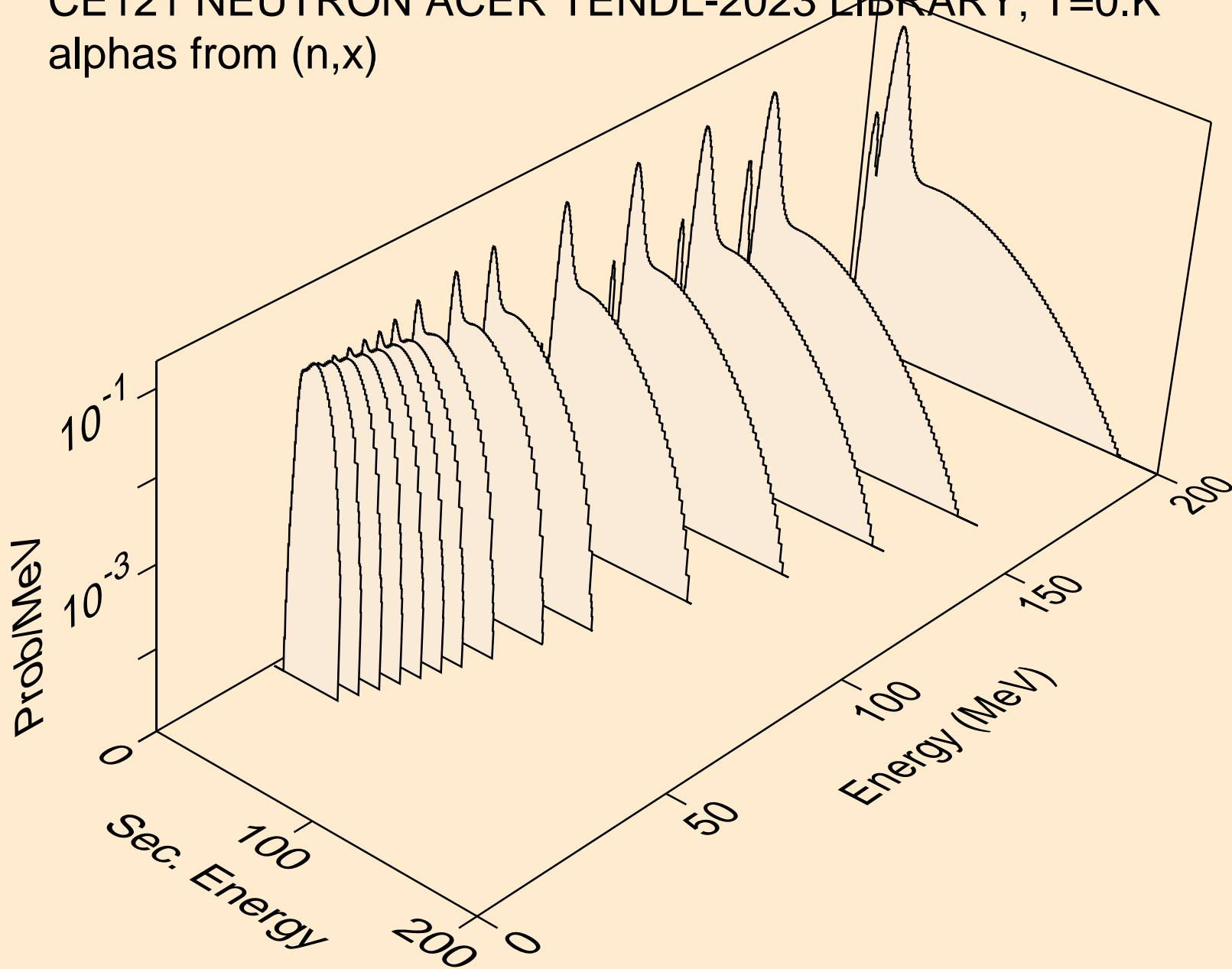
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he3s from (n,n*)he3



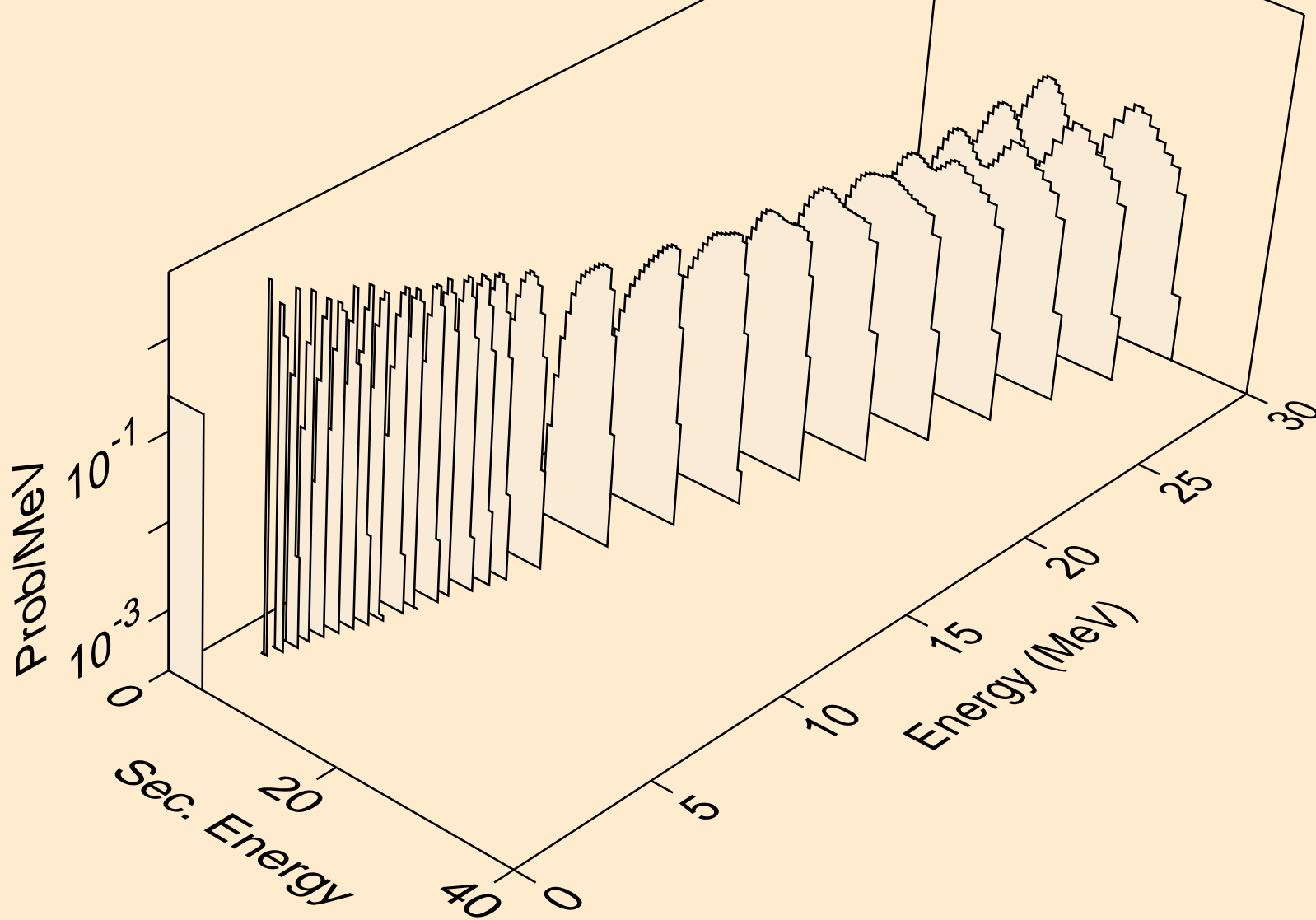
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he3s from (n,he3)



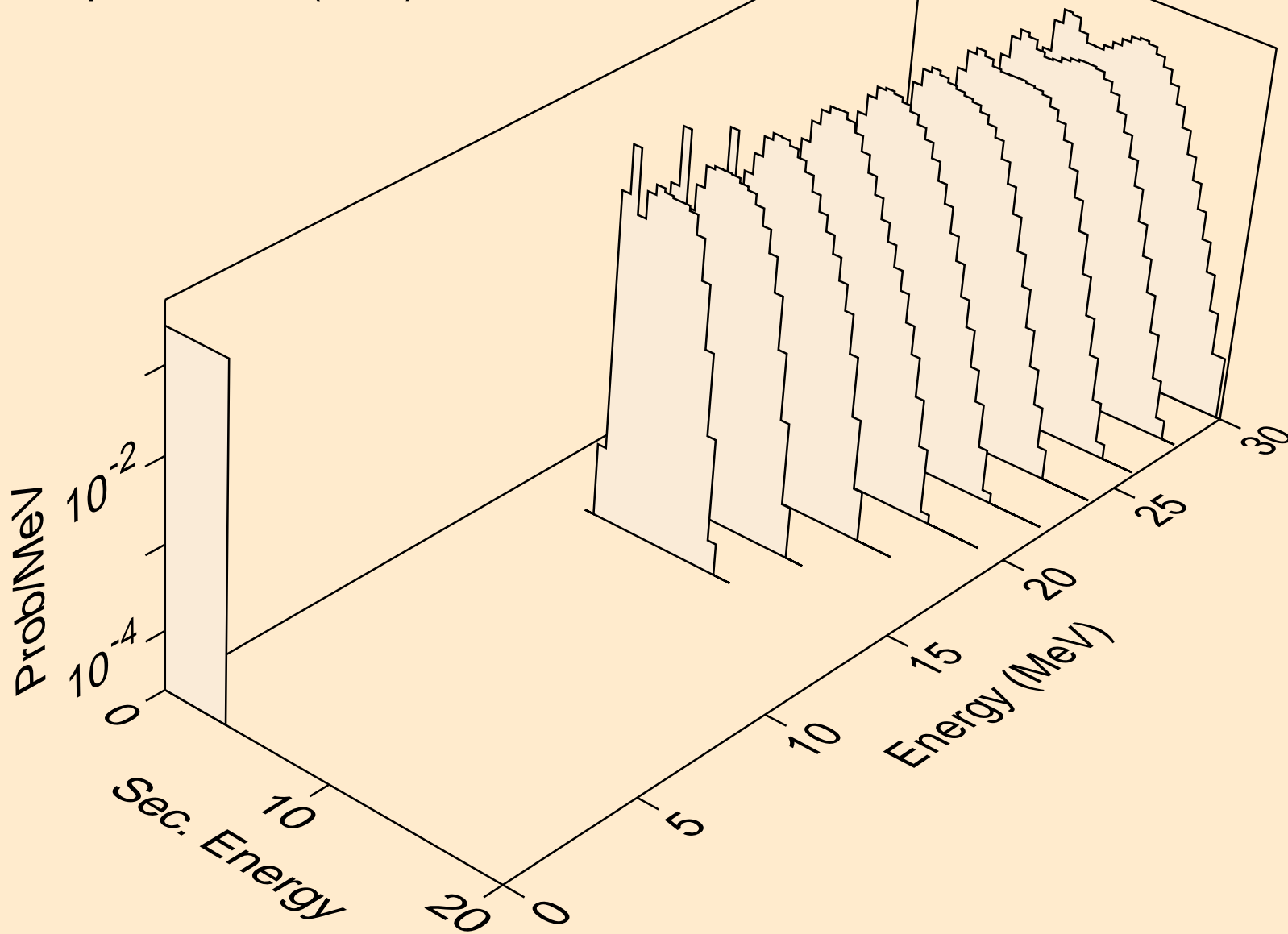
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



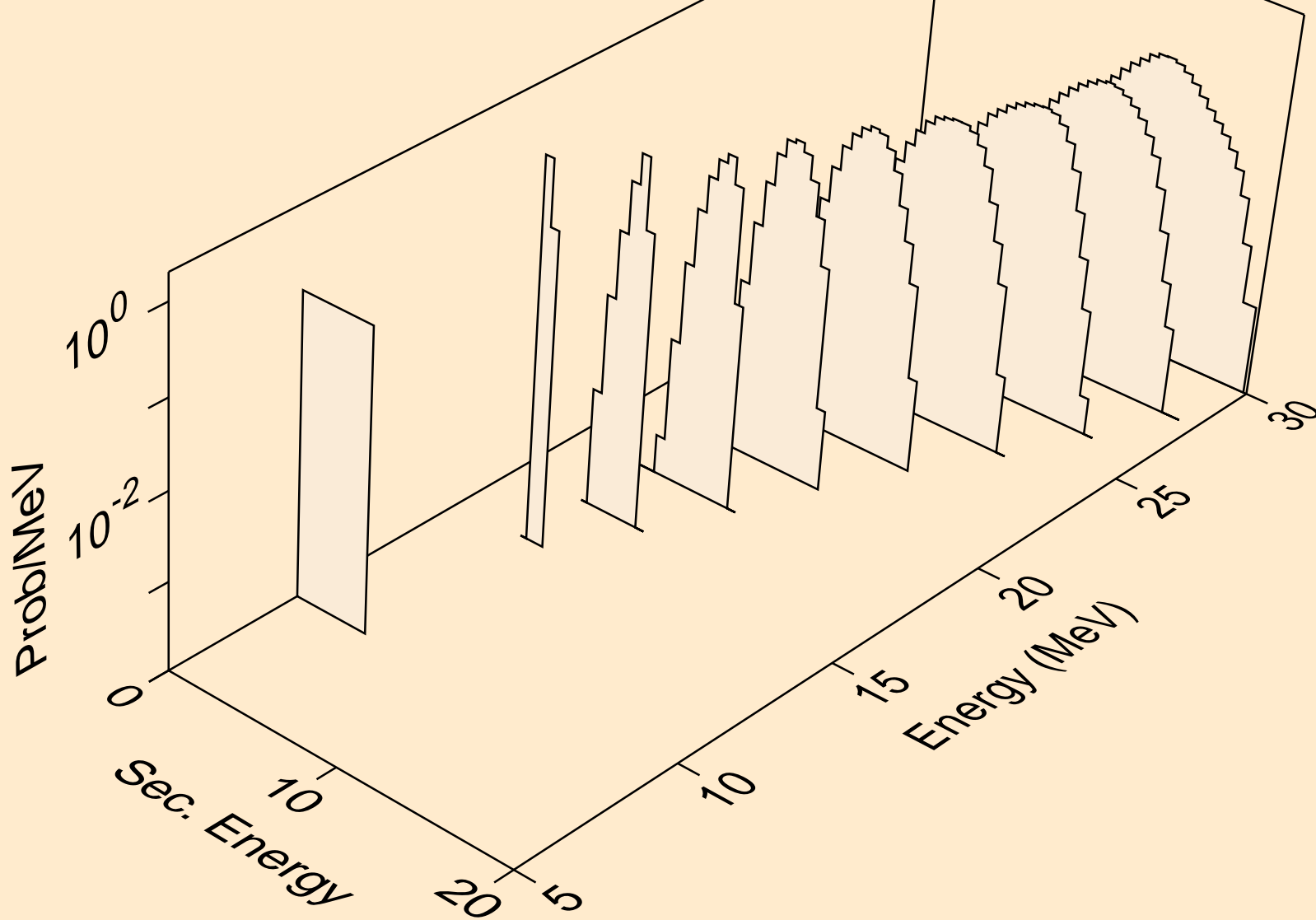
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



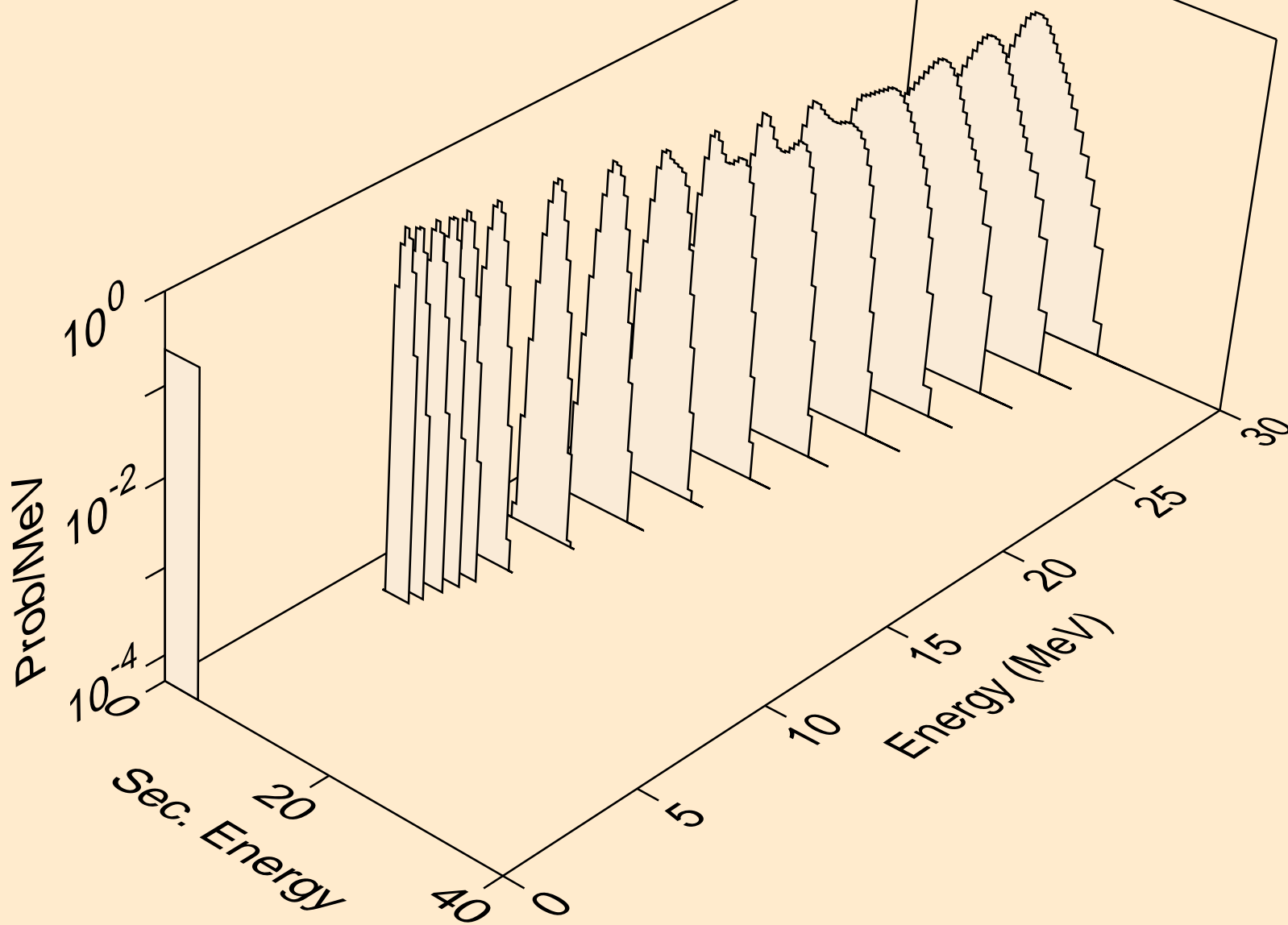
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)3a



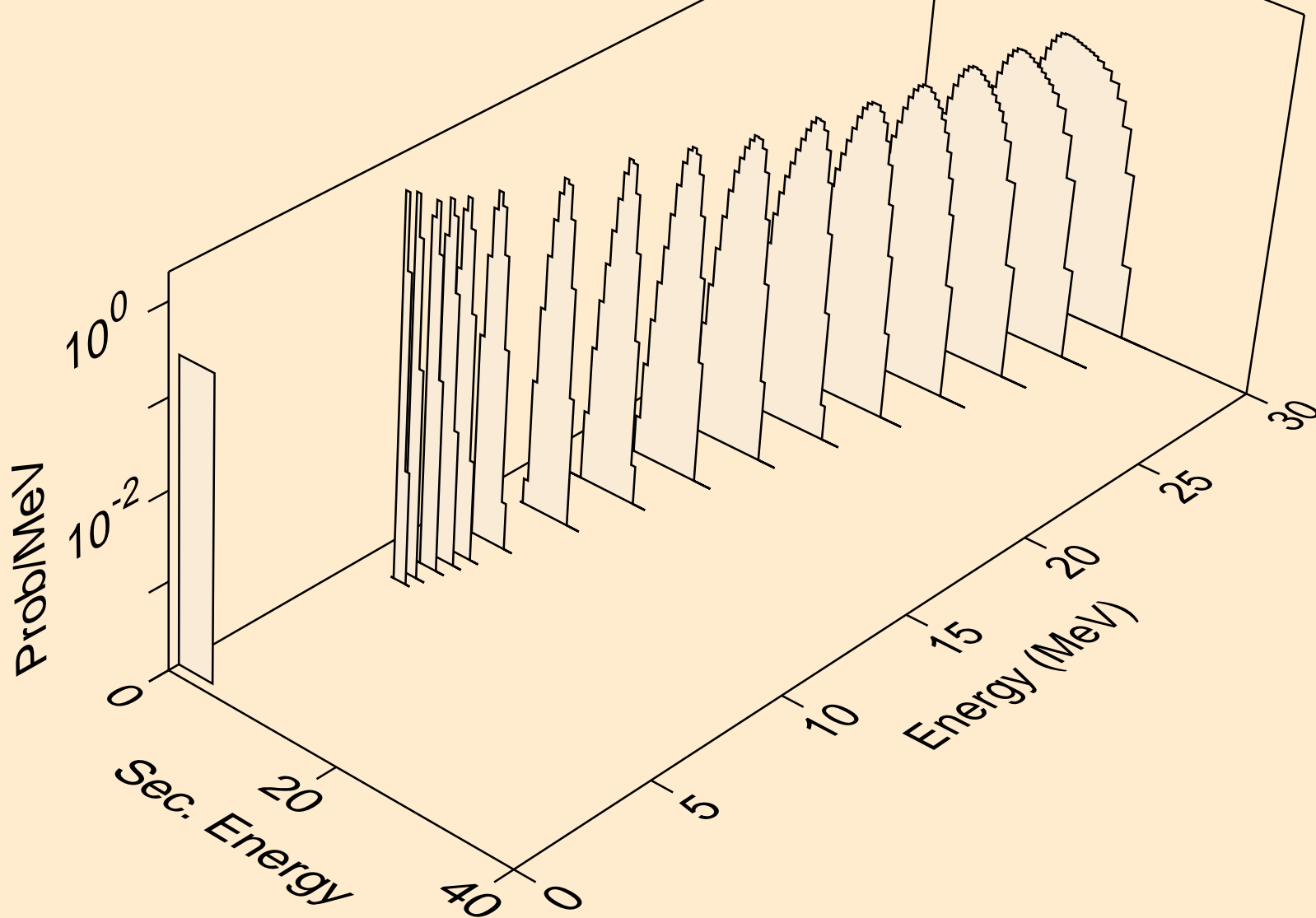
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



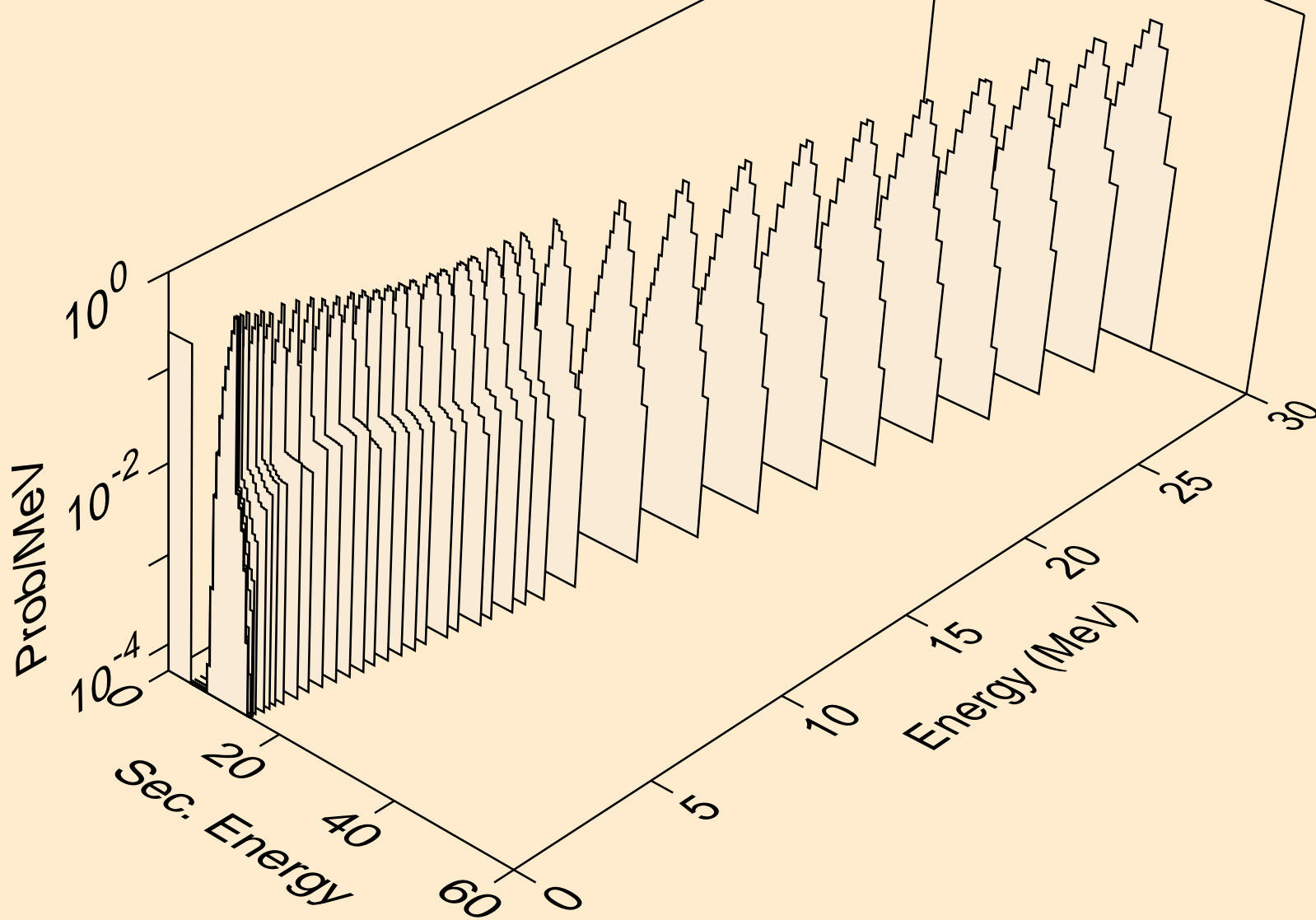
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



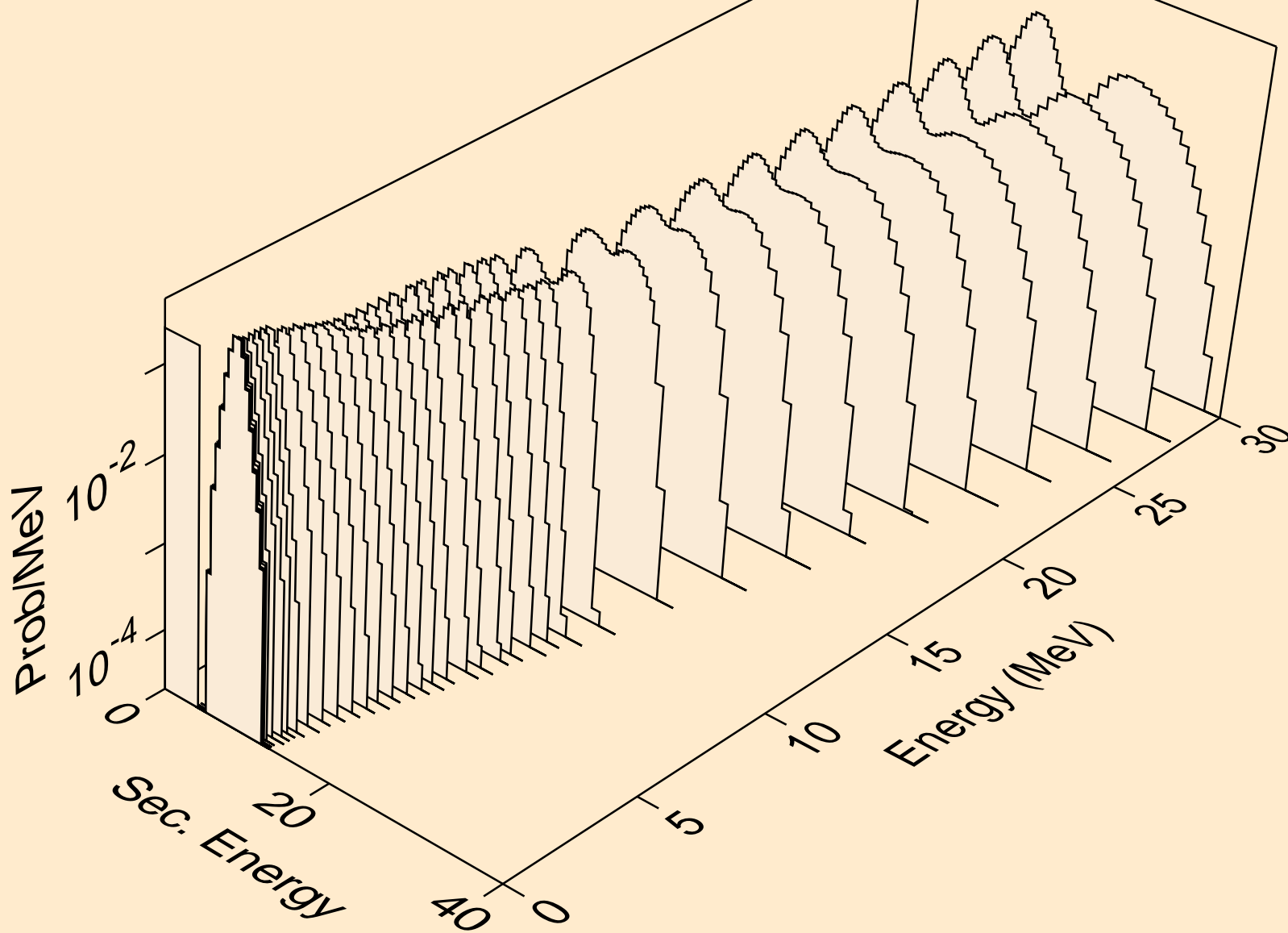
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



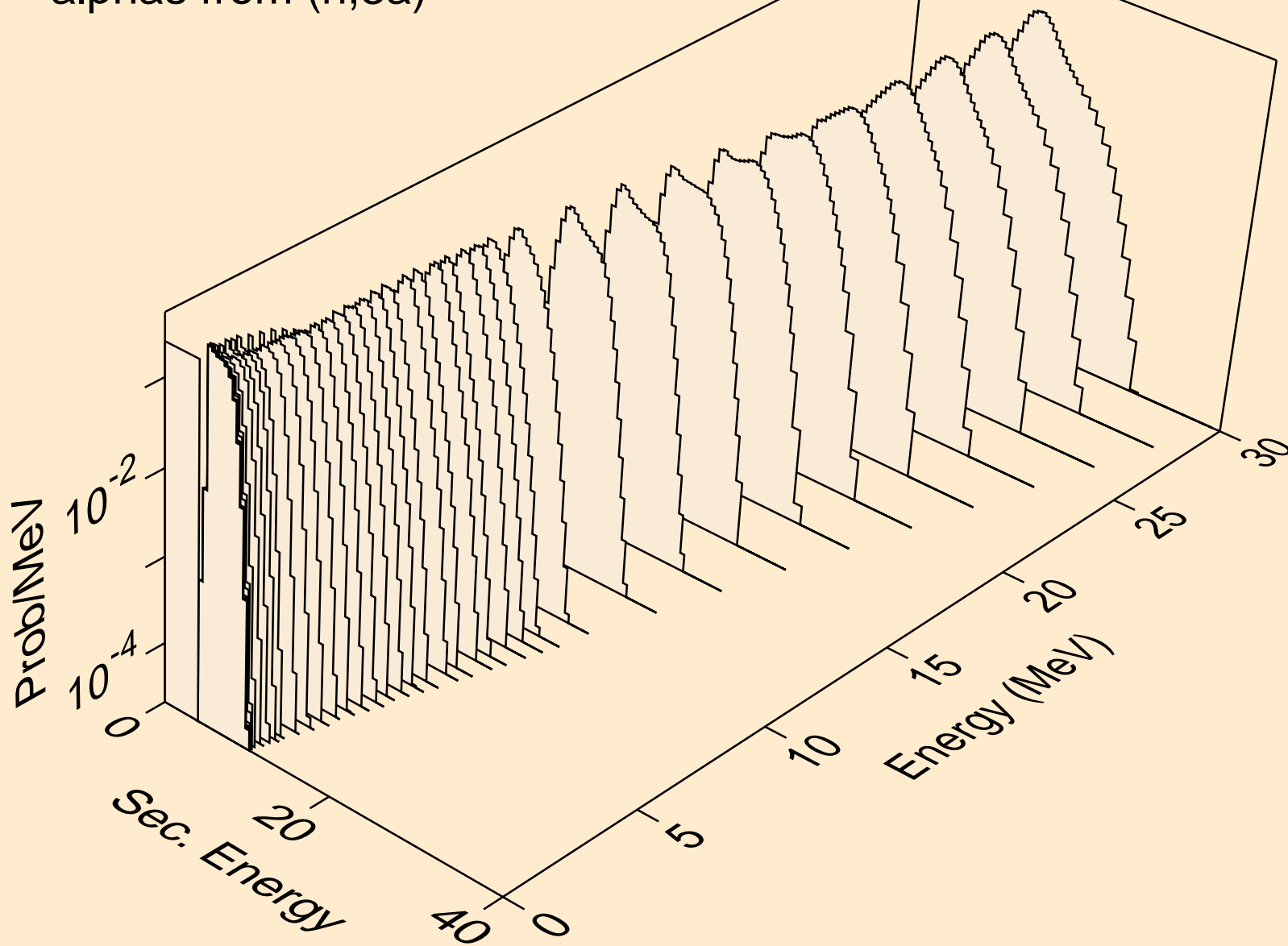
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



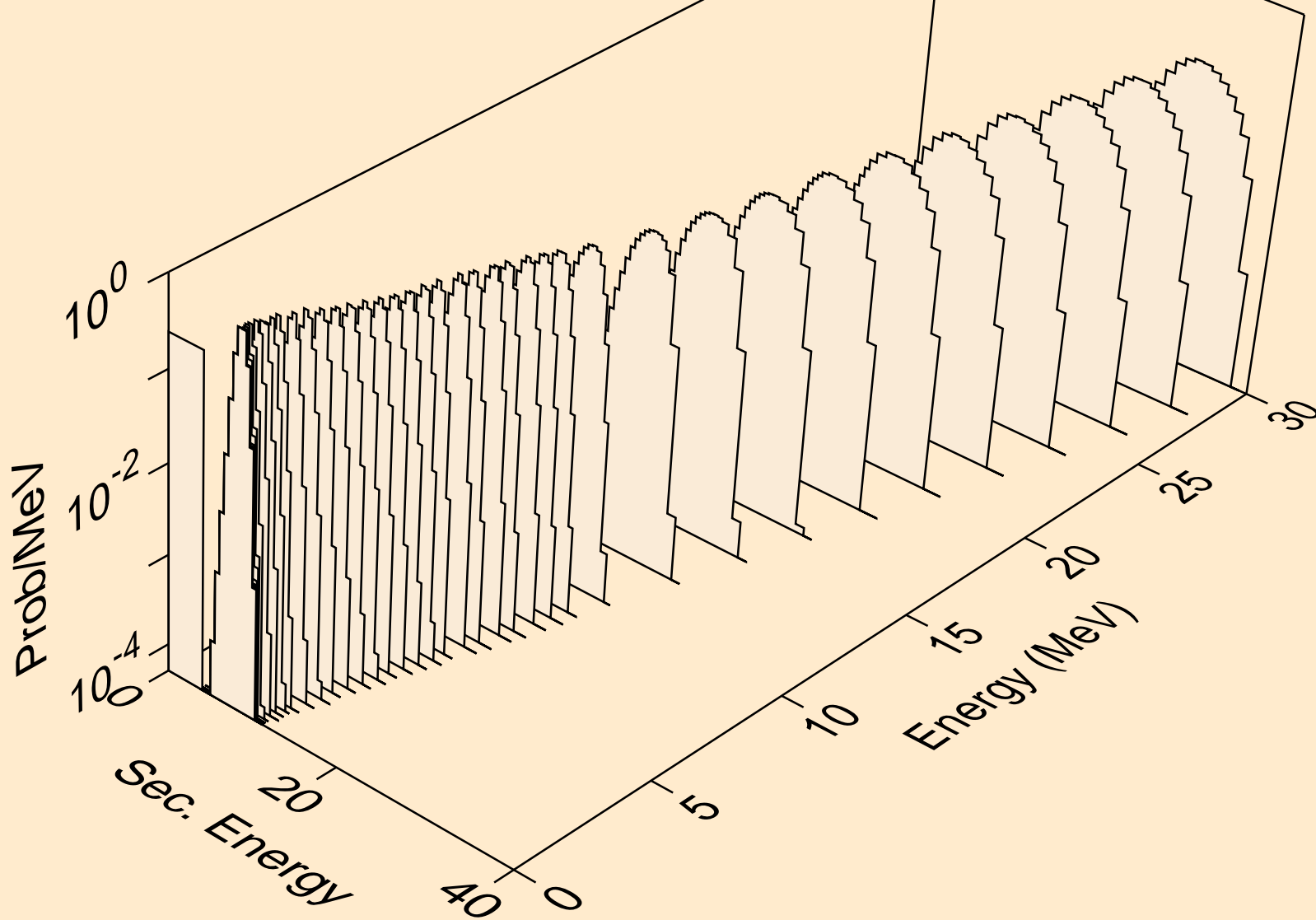
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



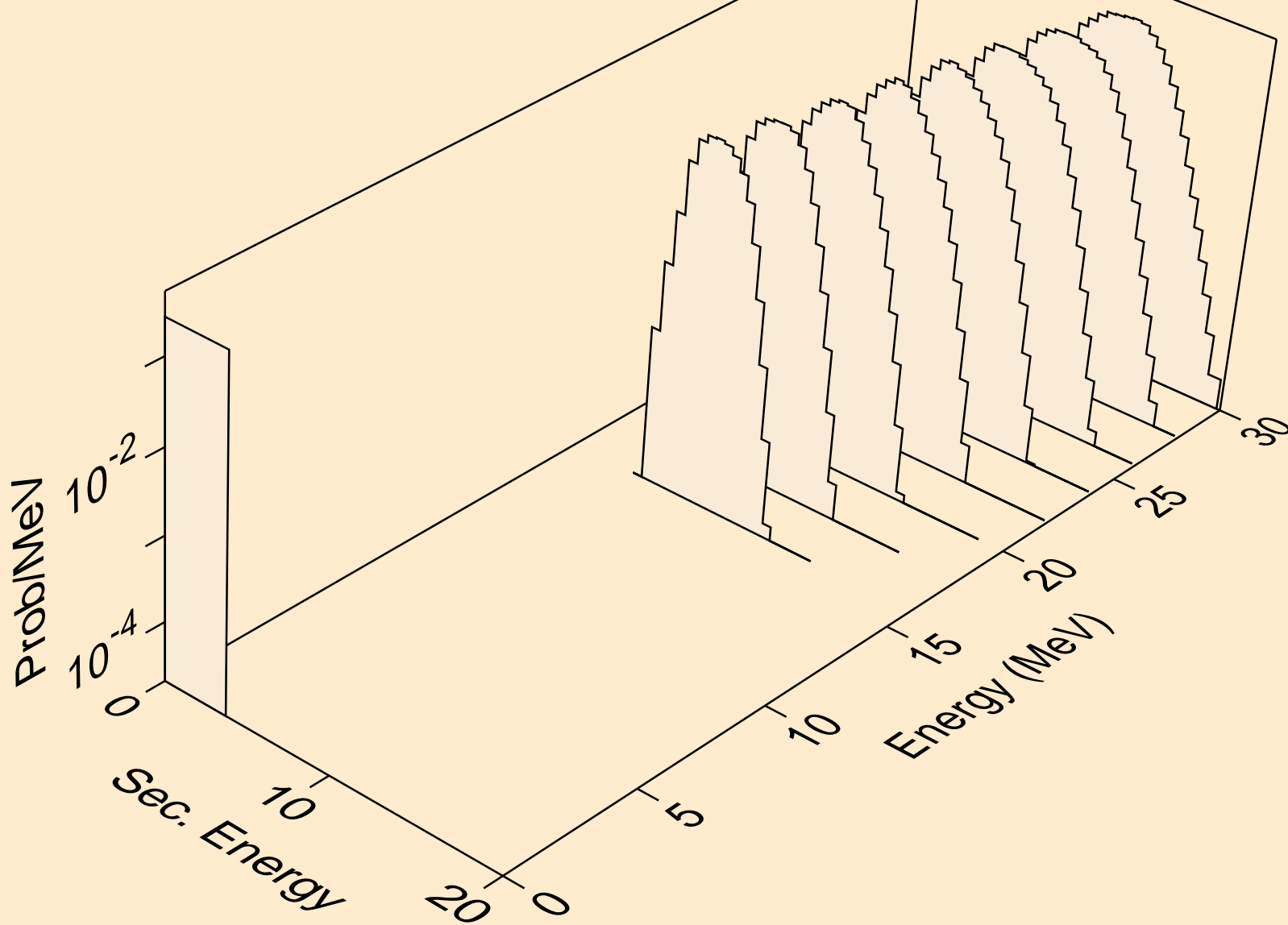
CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3a)



CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,d2a)



CE121 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

