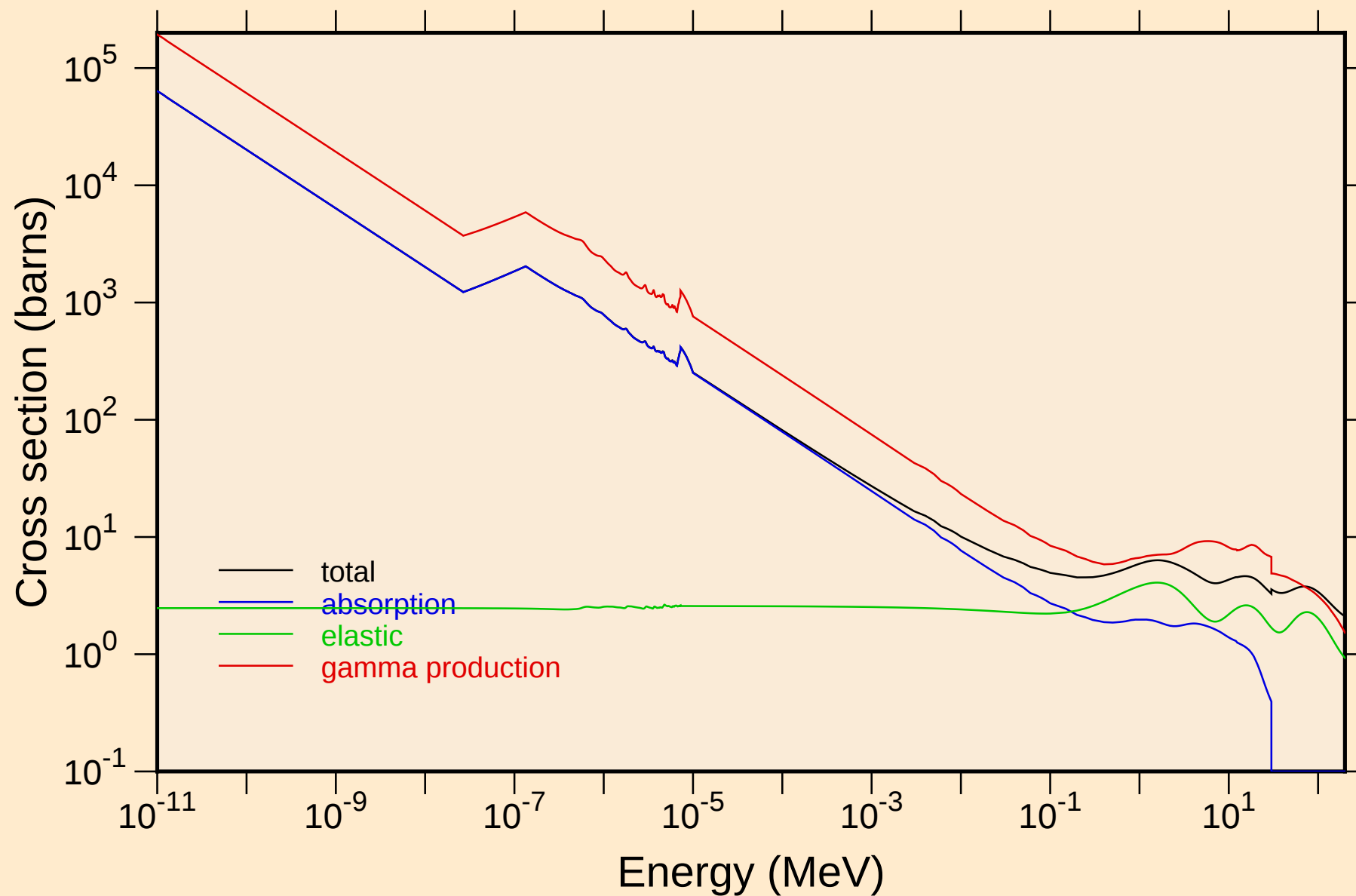


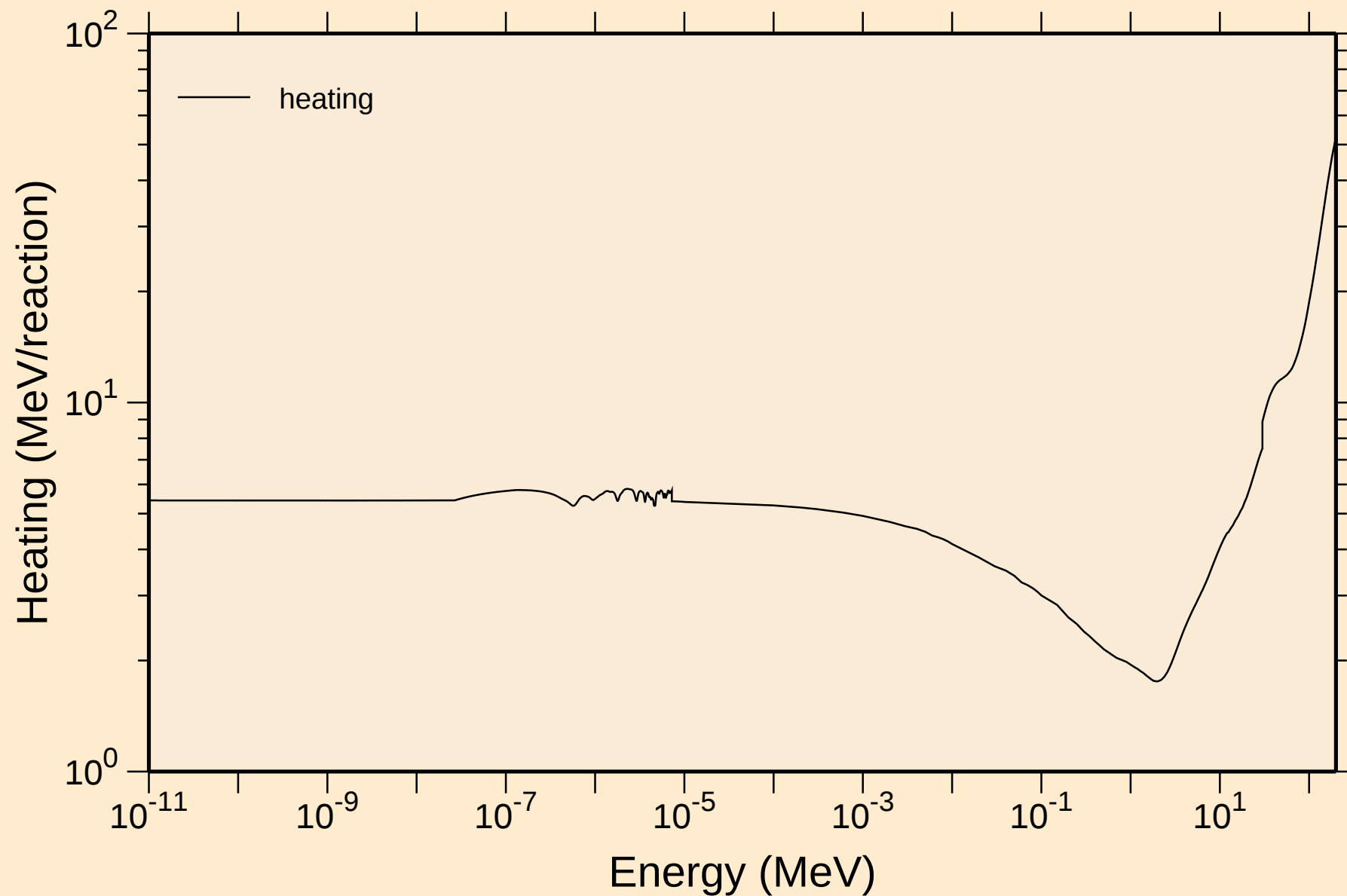
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



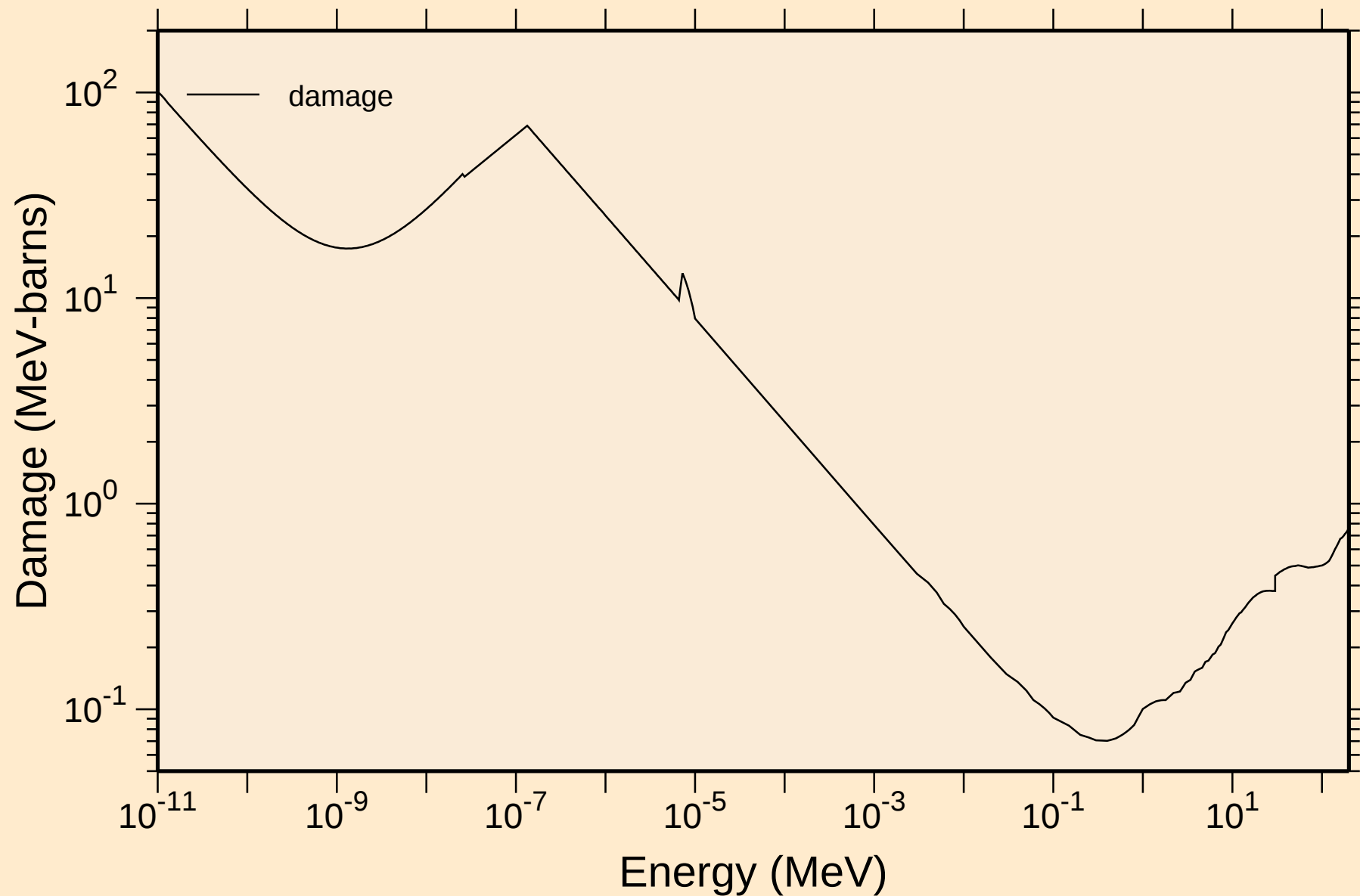
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

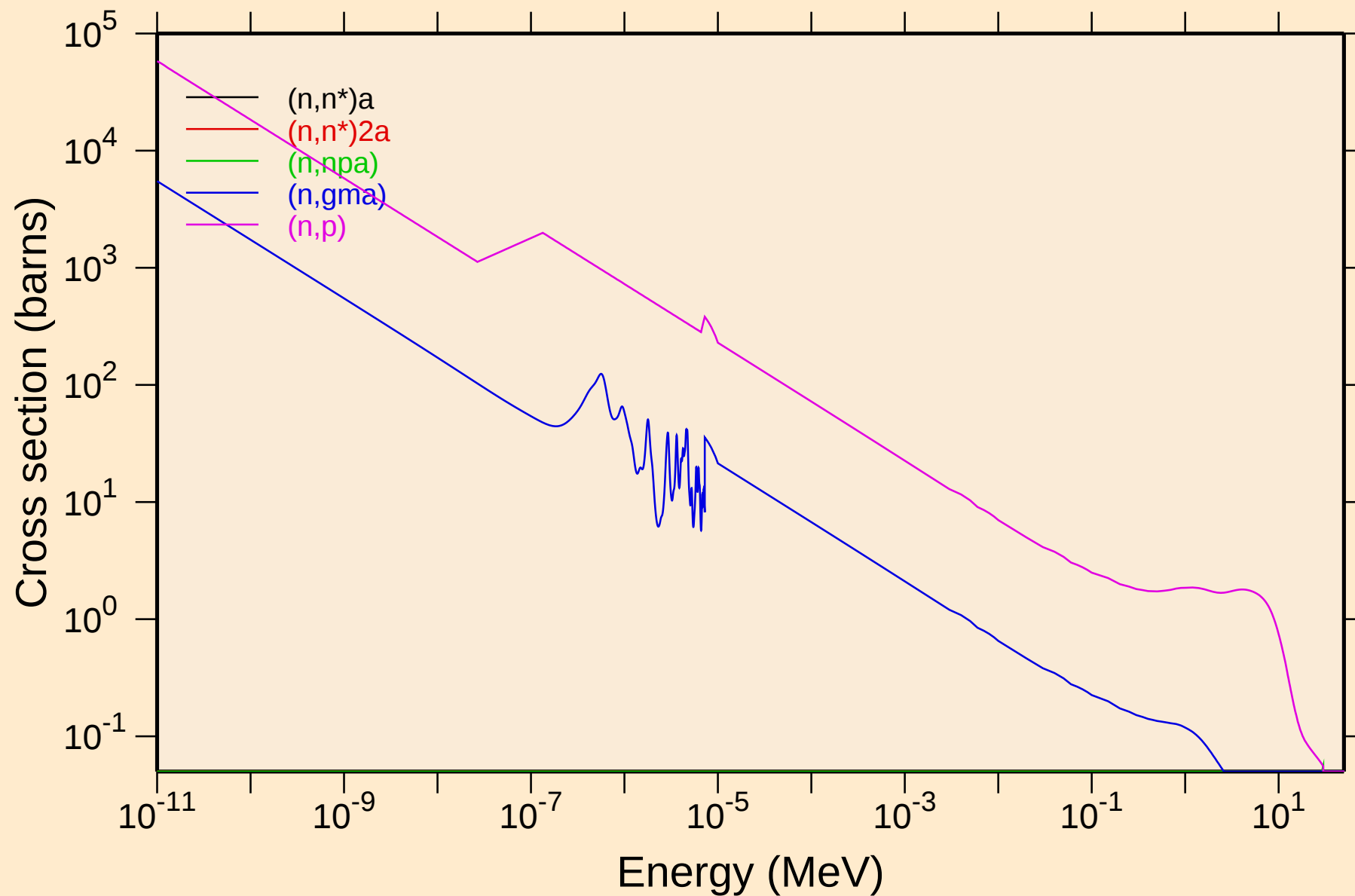


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

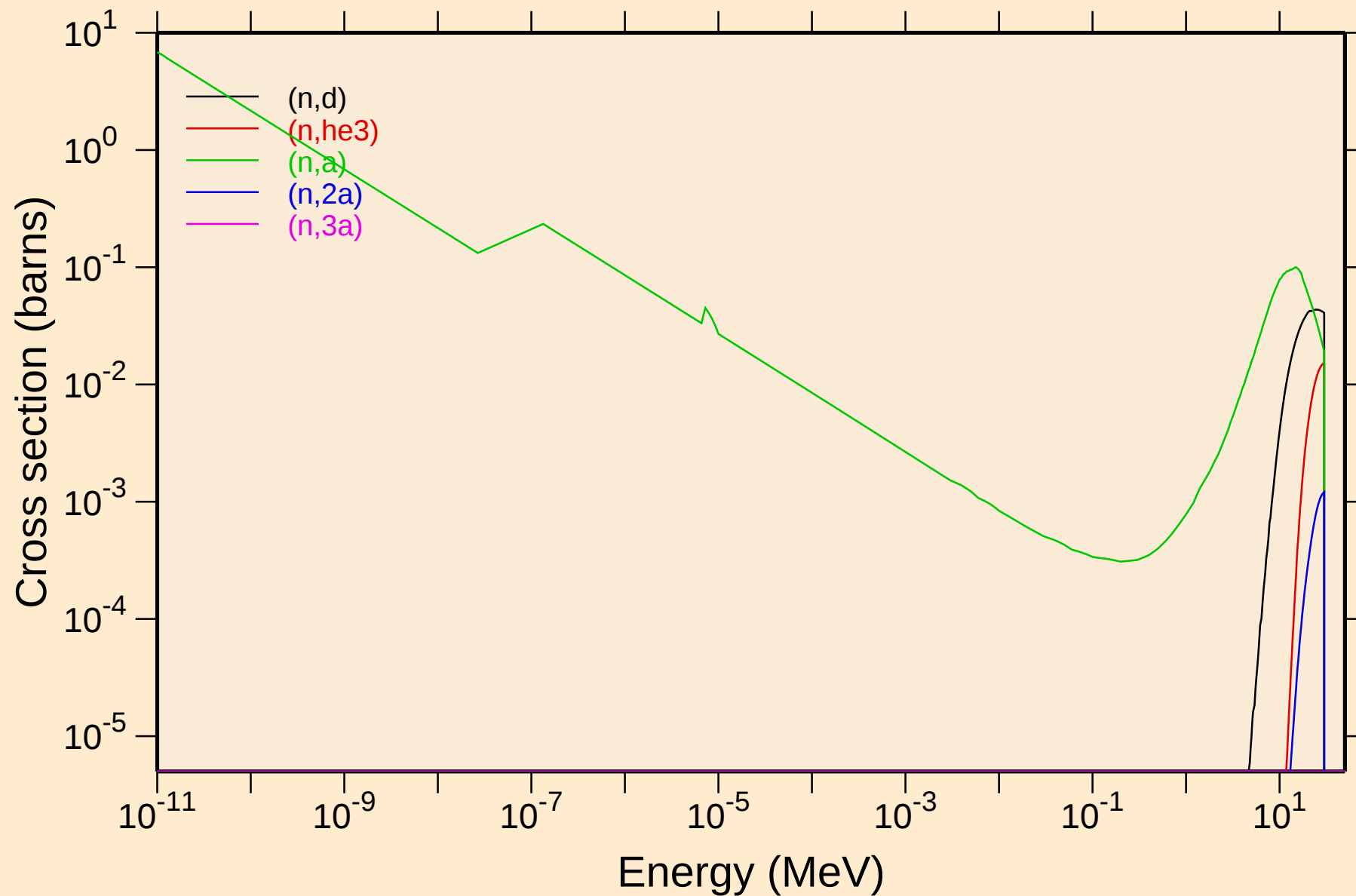
Damage



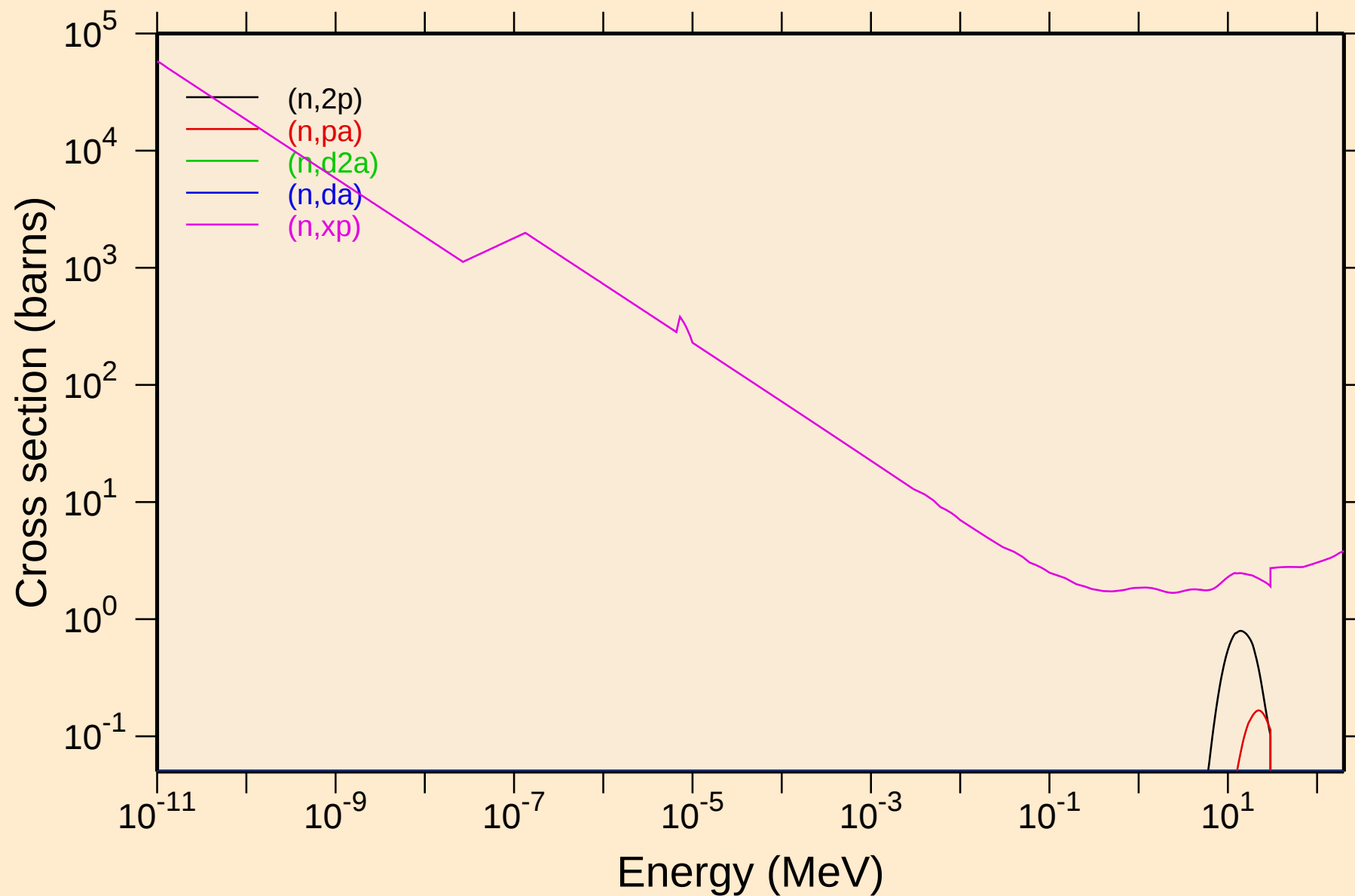
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

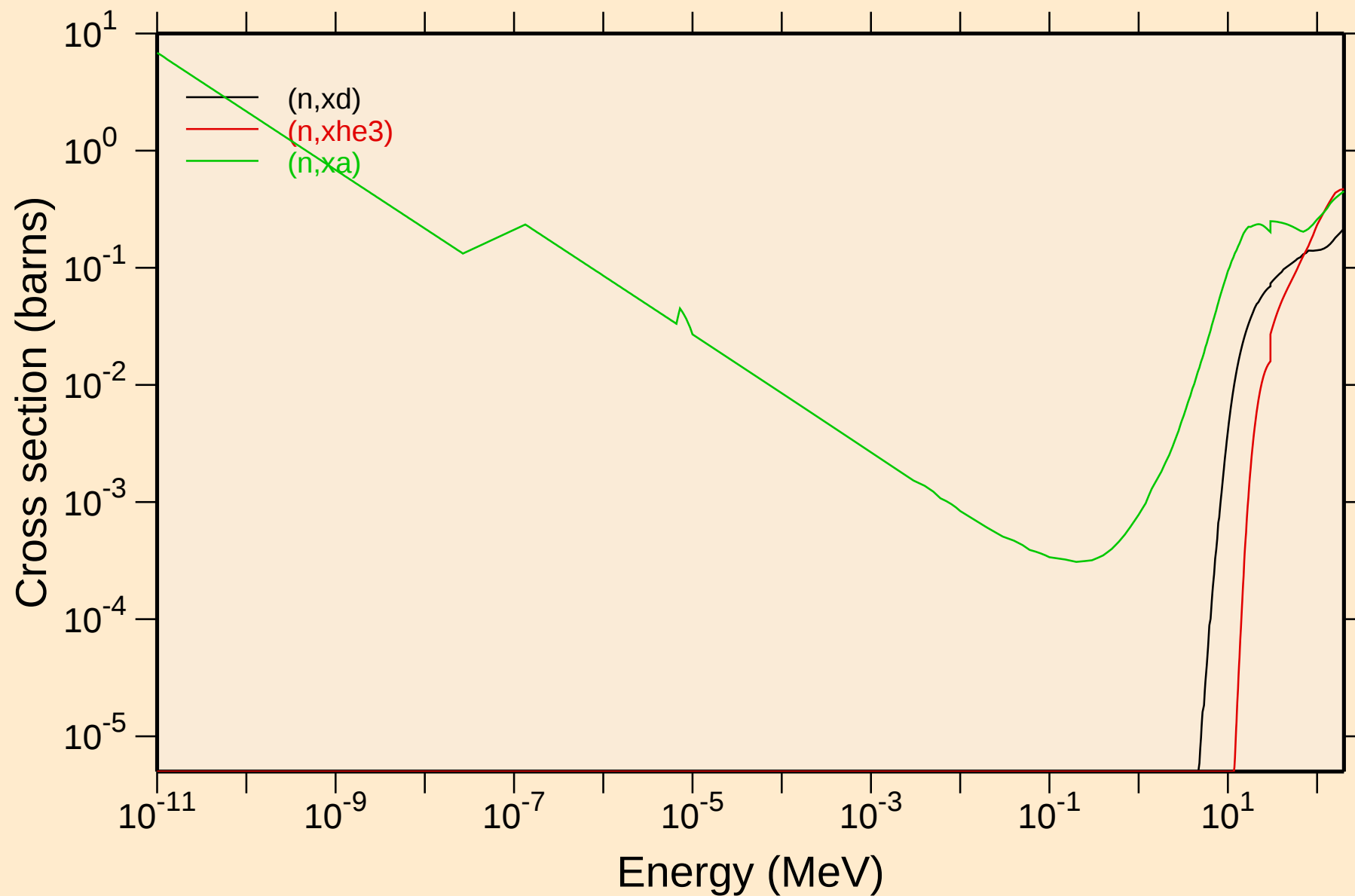


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



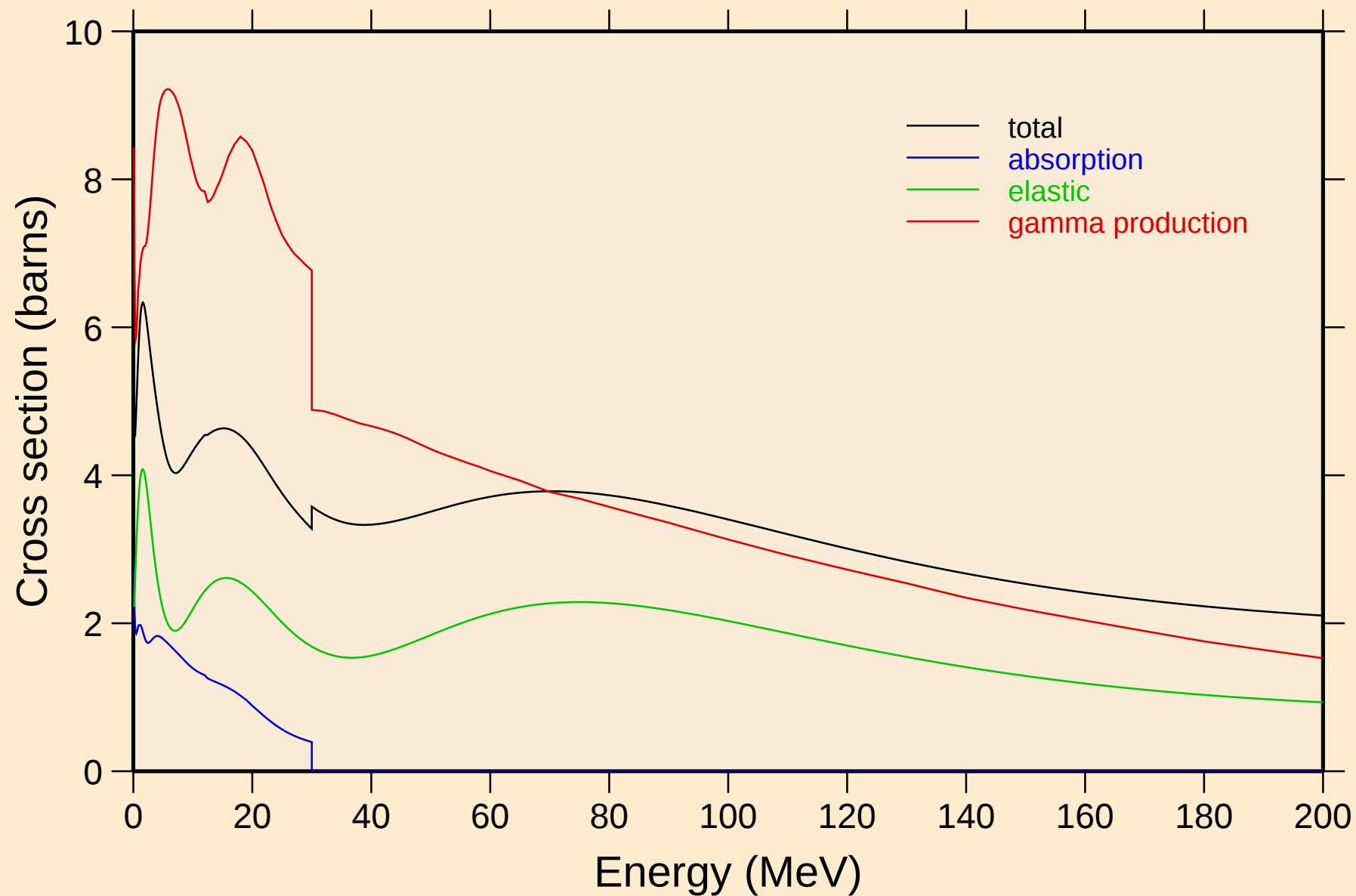
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Non-threshold reactions



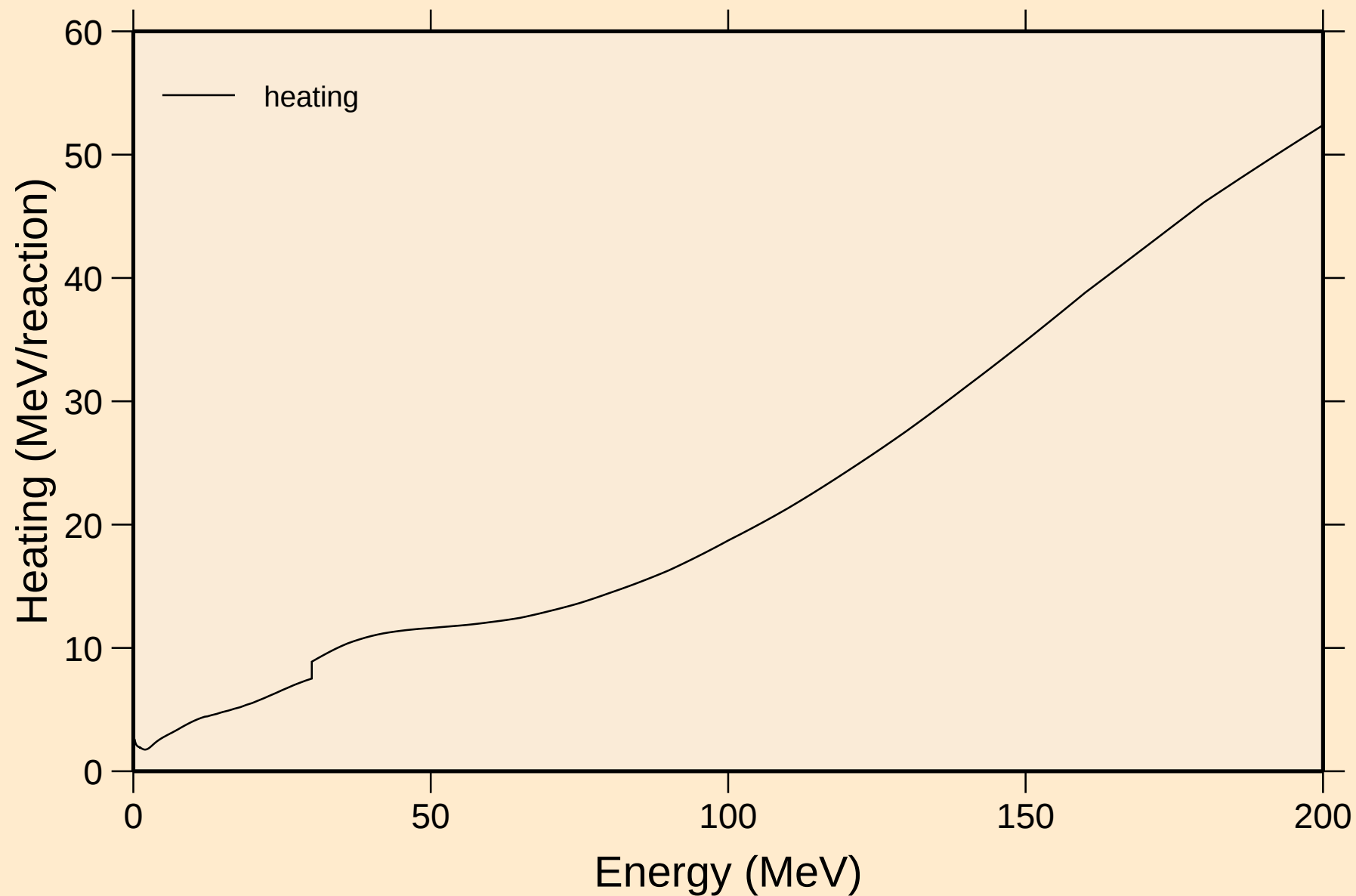
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Principal cross sections



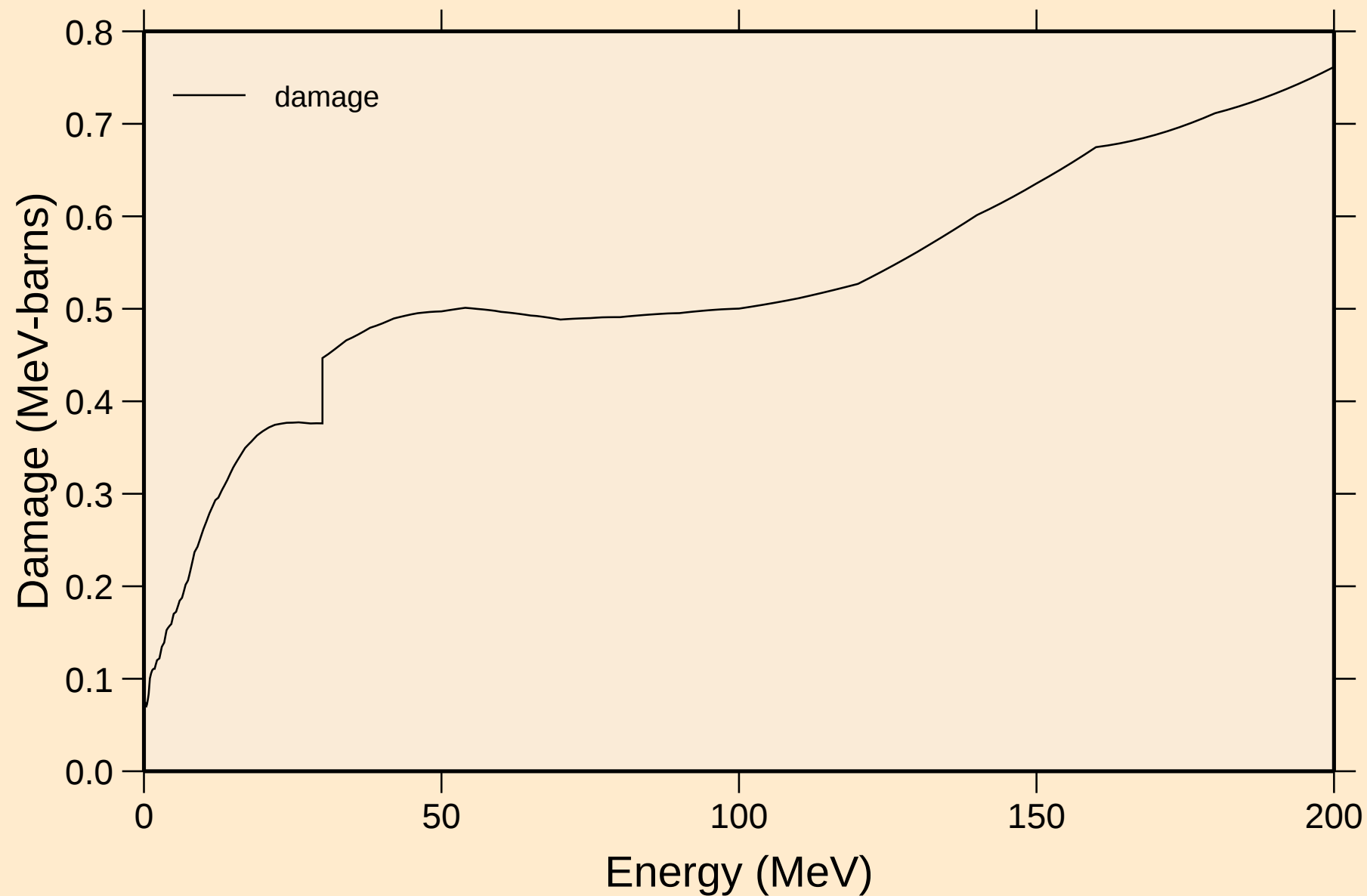
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Heating

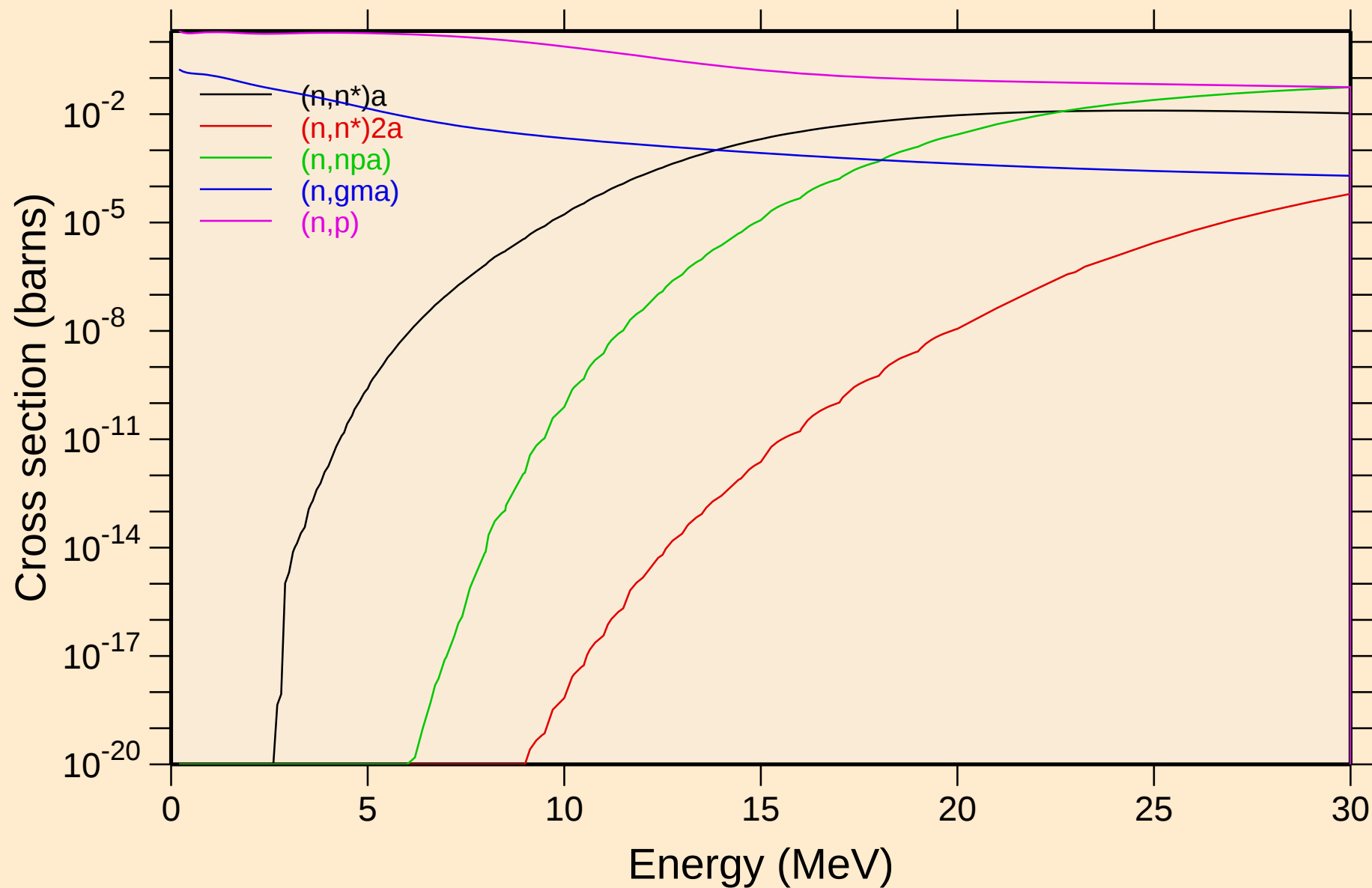


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

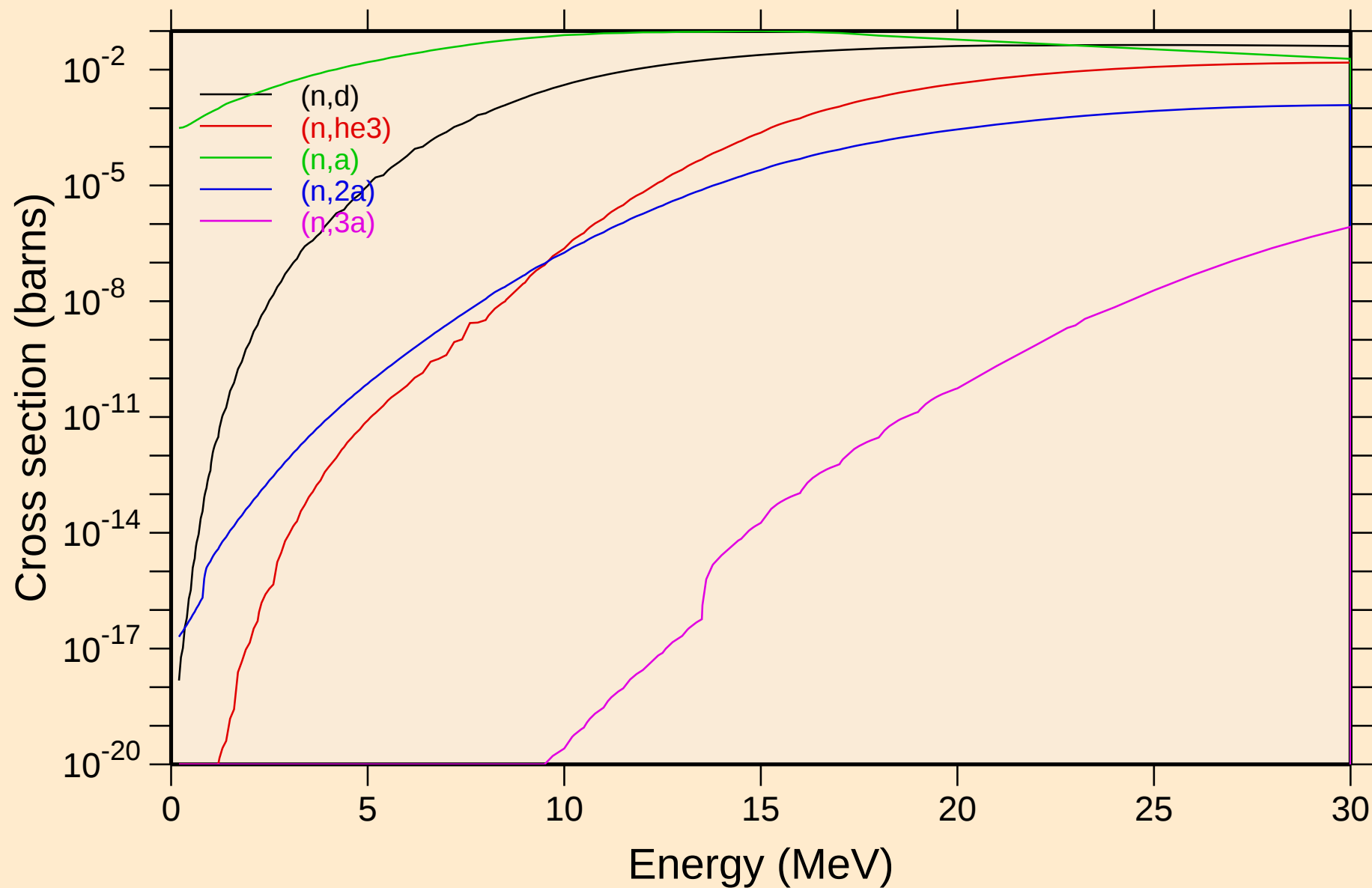
Damage



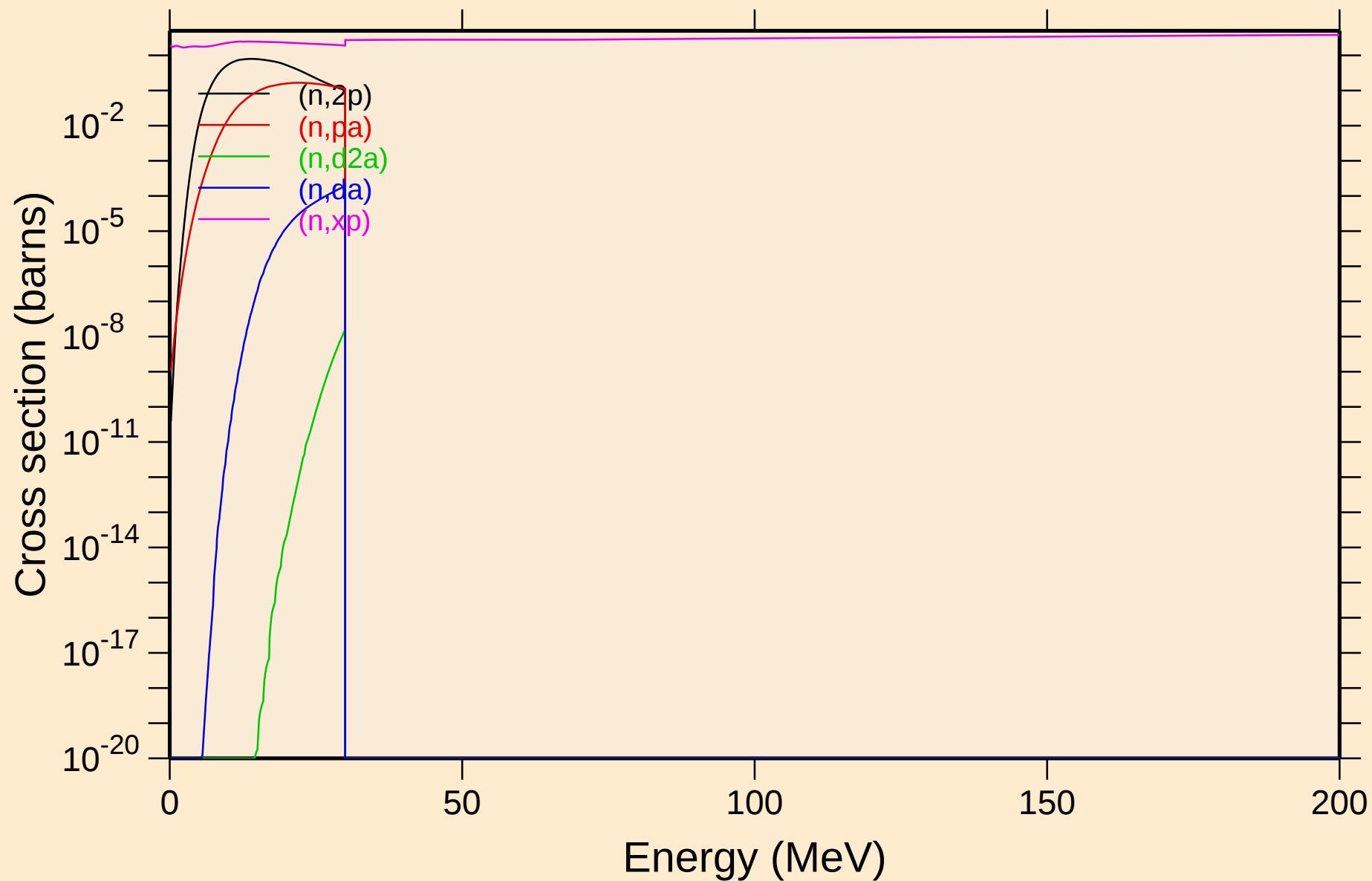
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



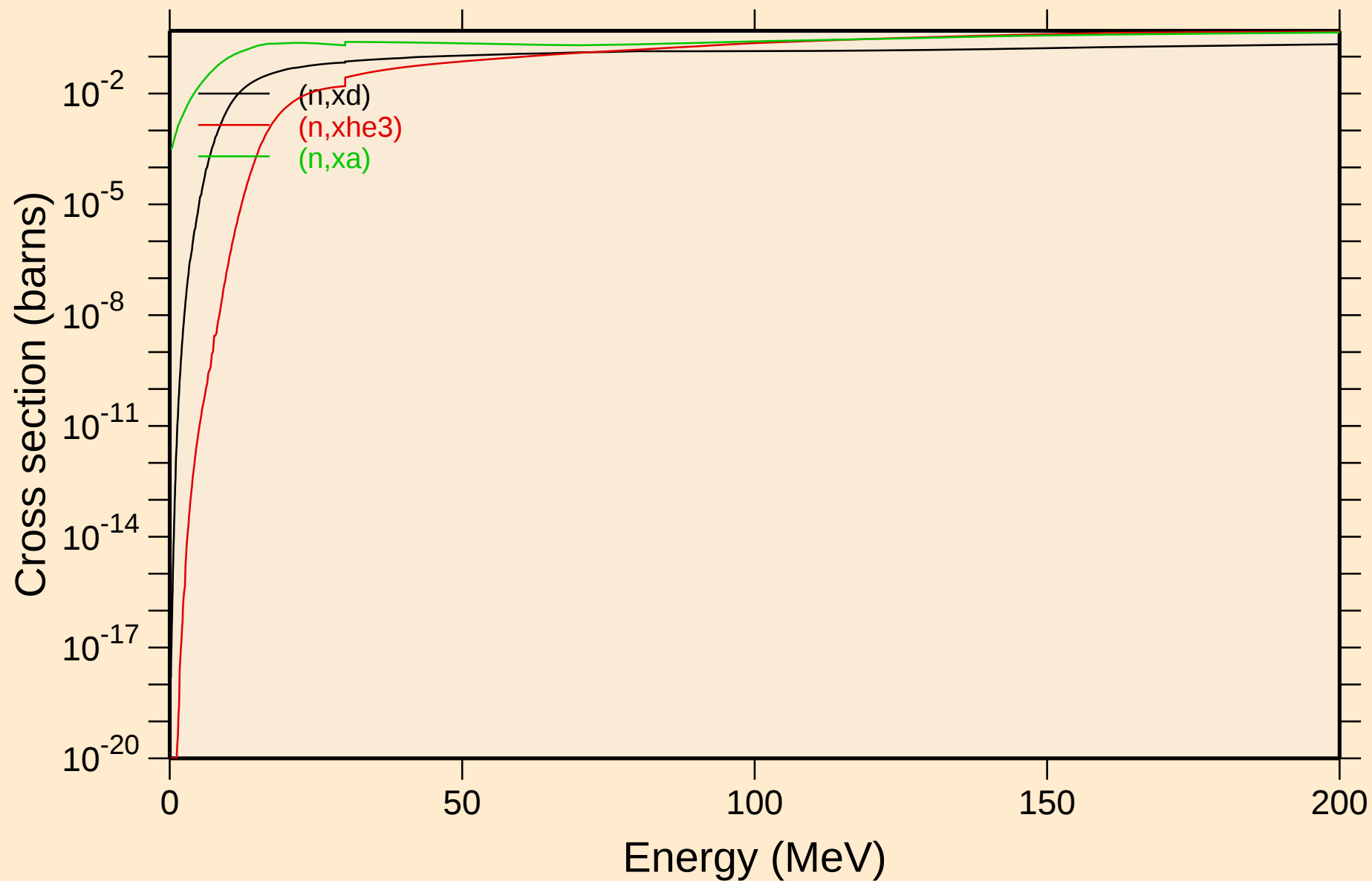
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

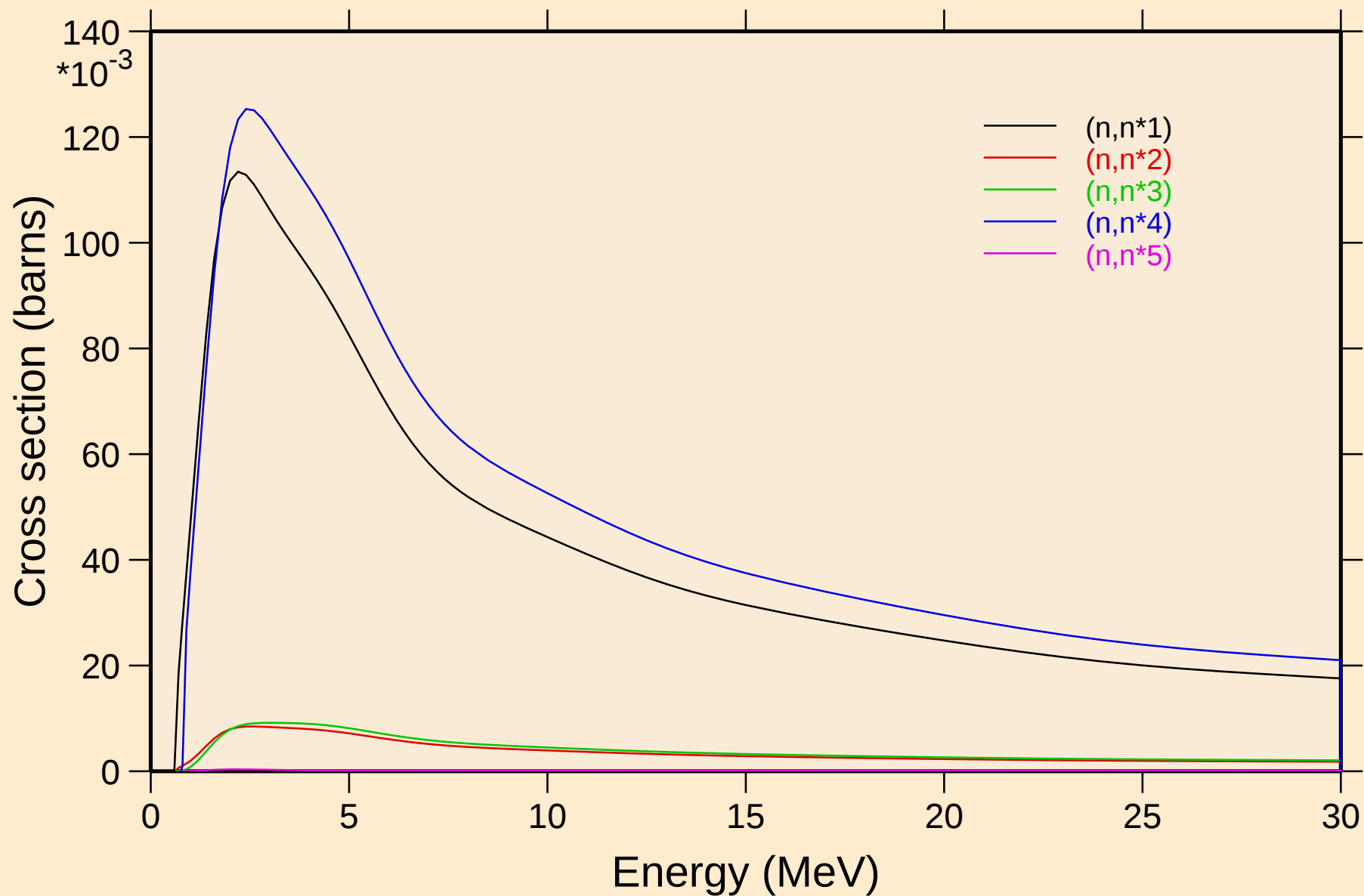


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



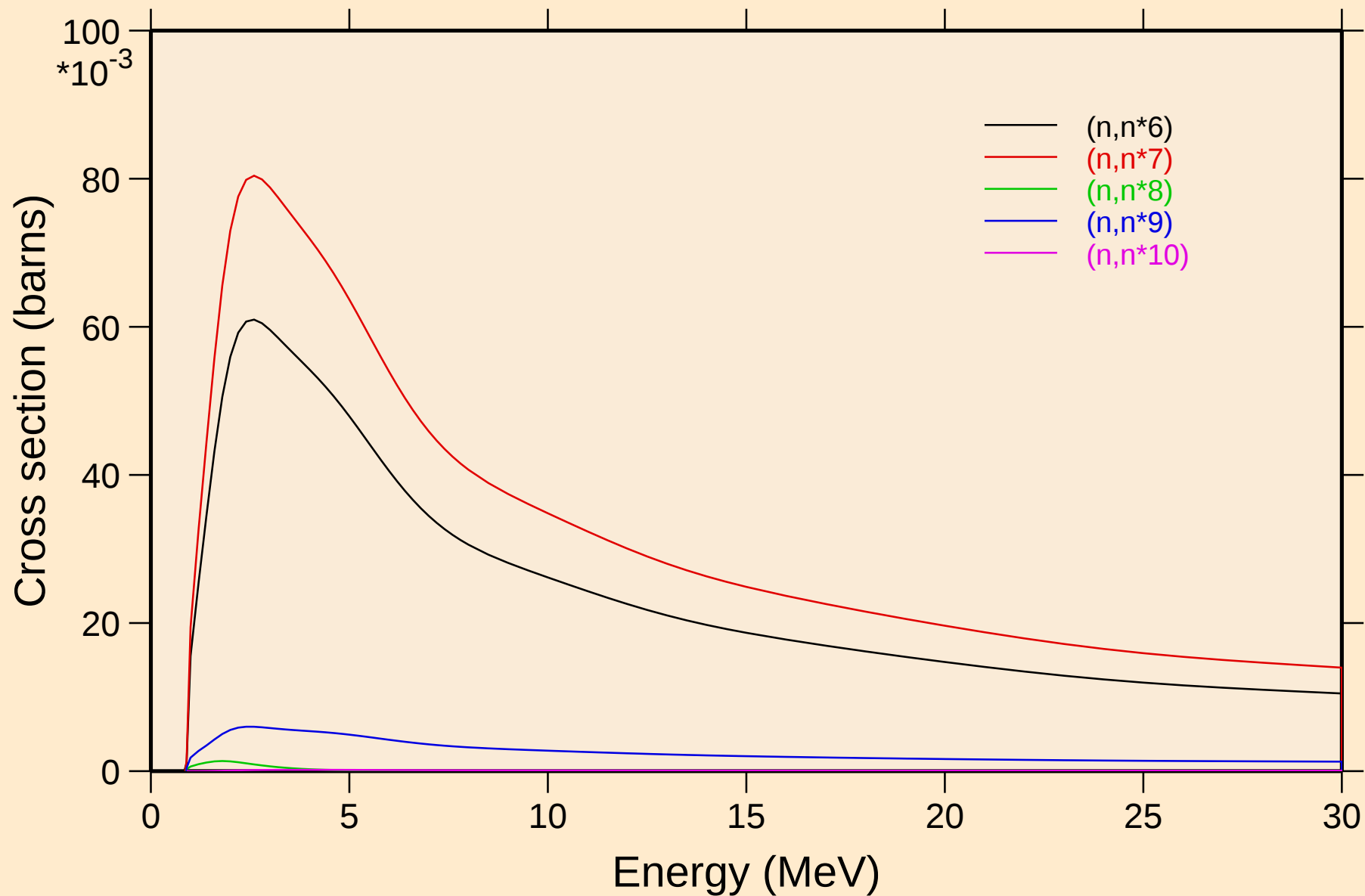
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



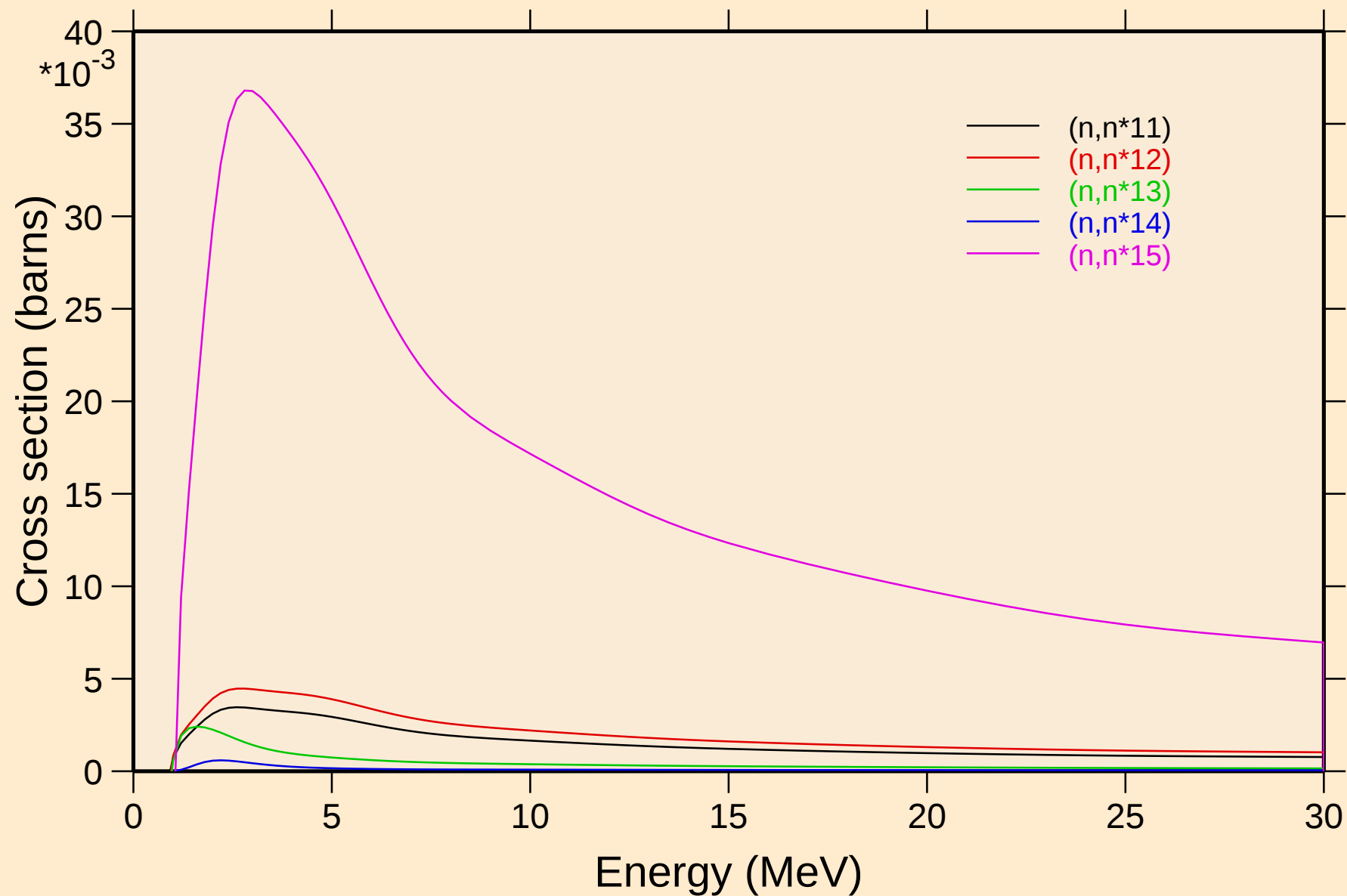
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



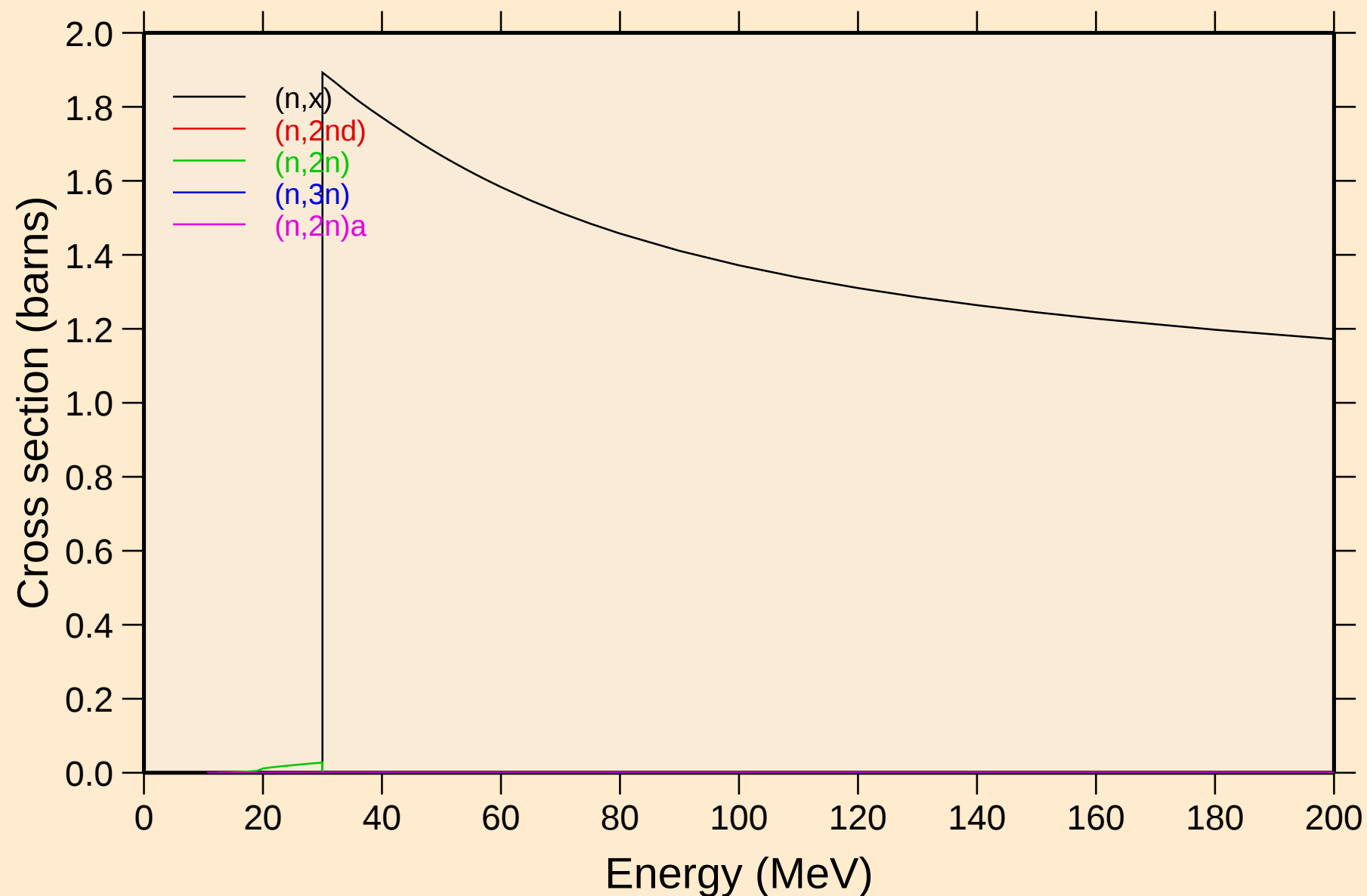
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



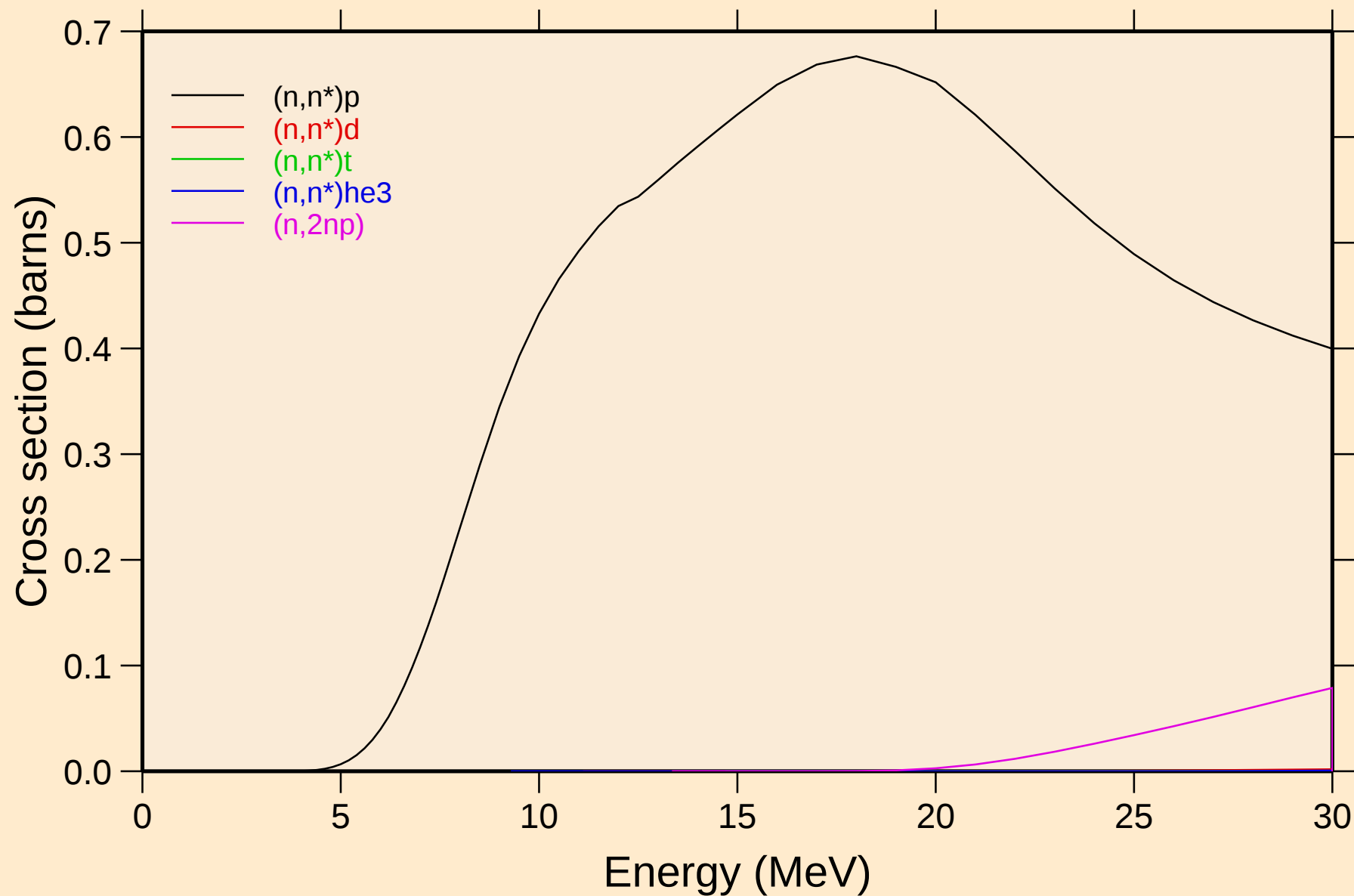
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

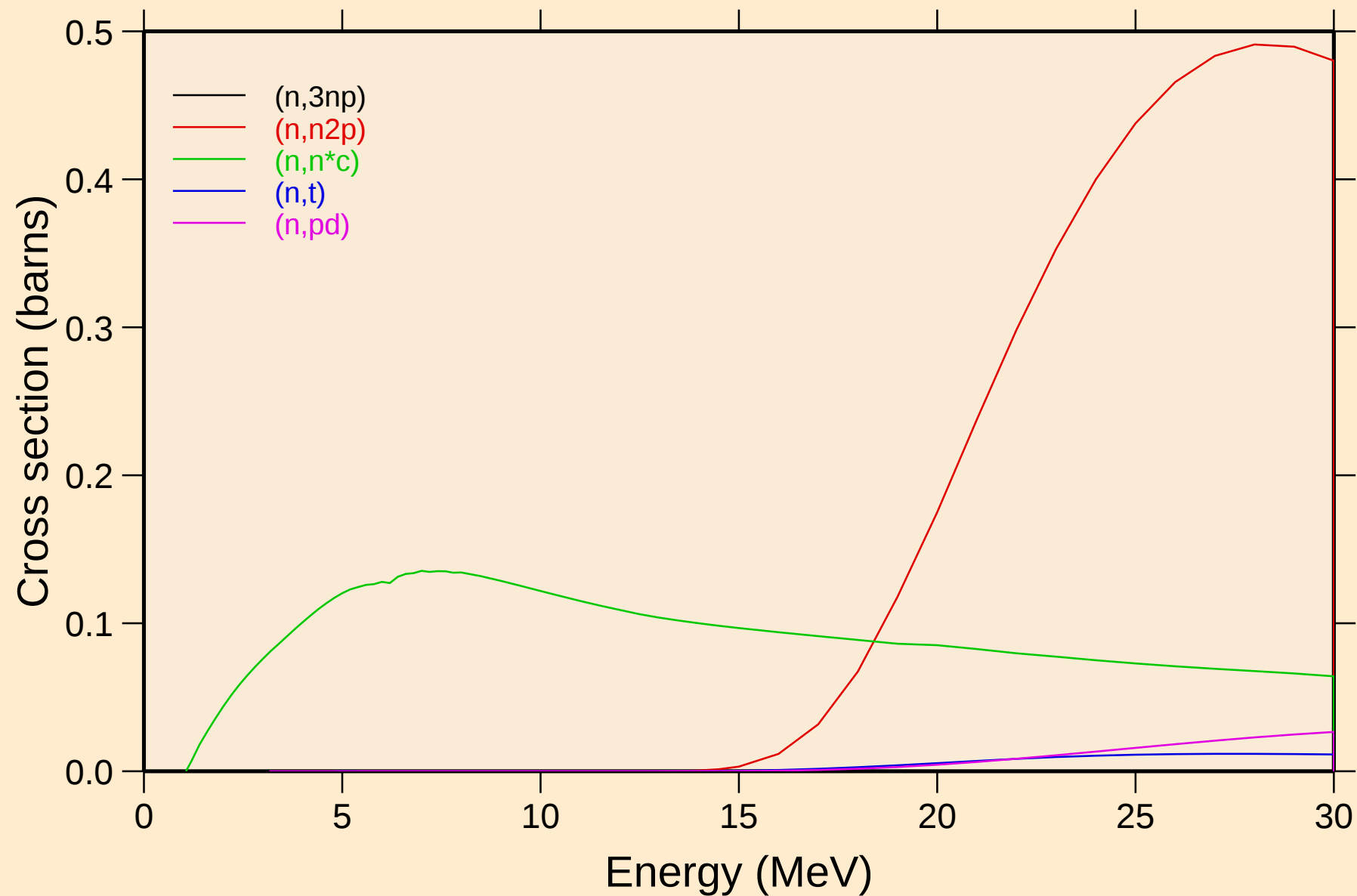


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

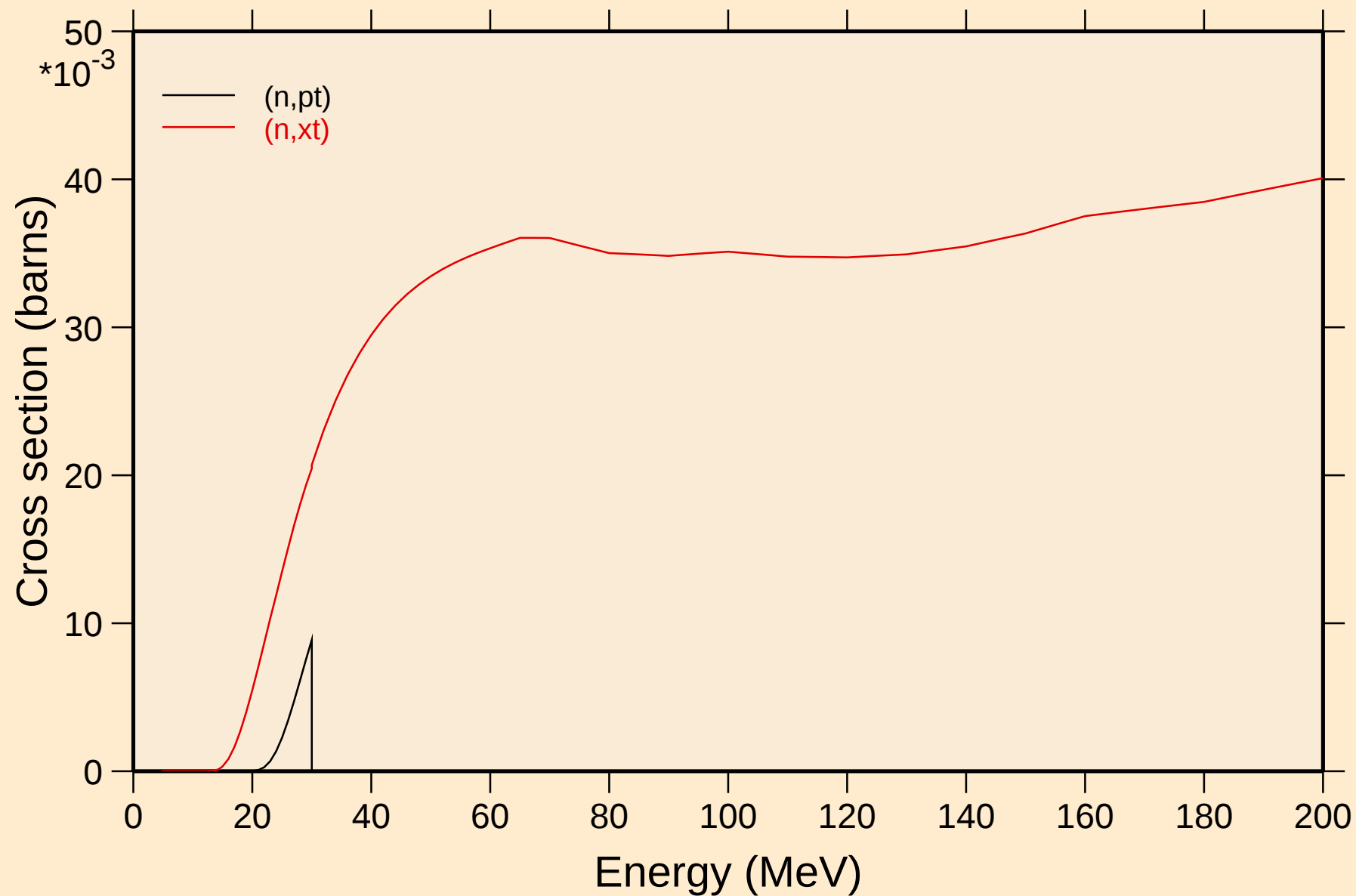


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

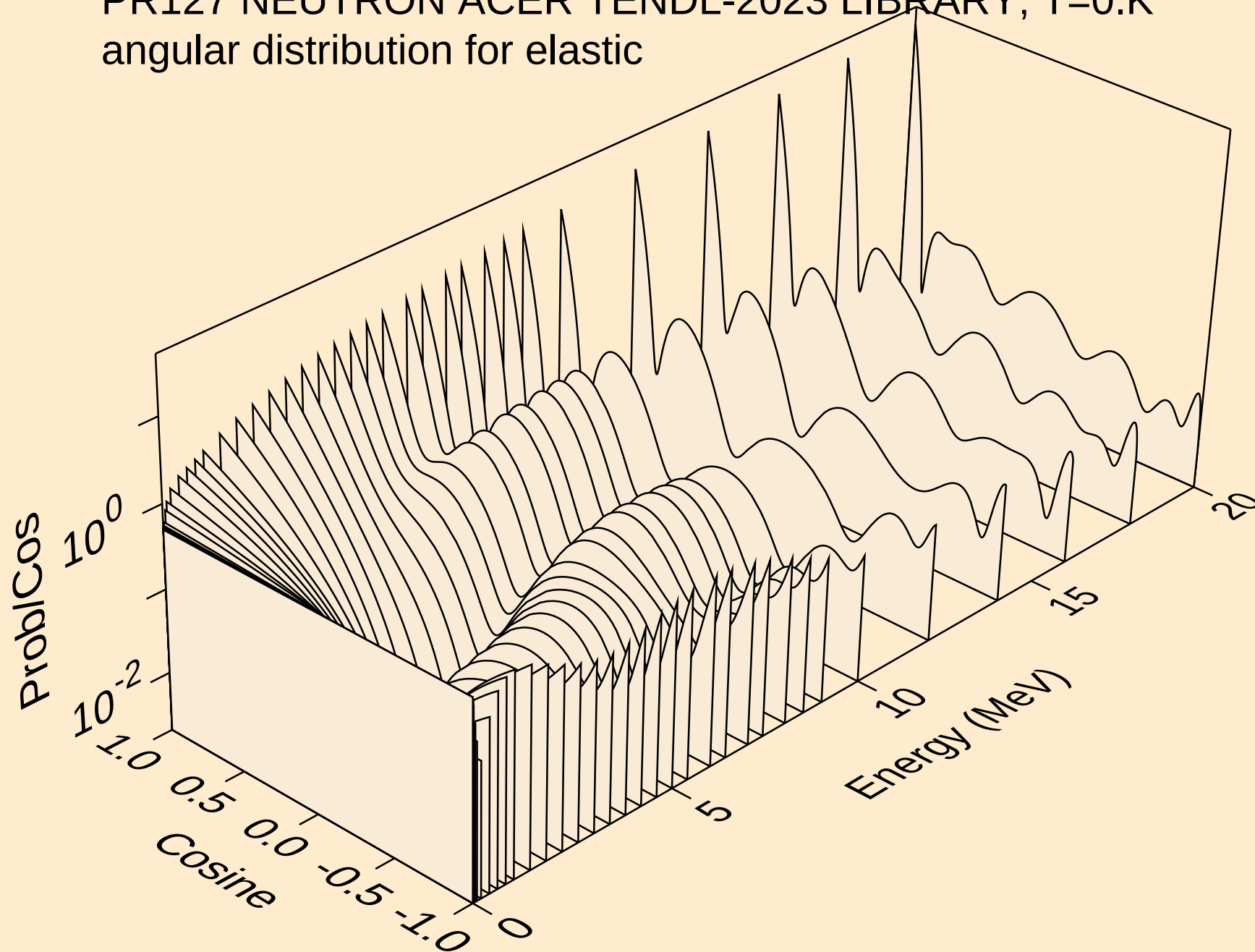


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

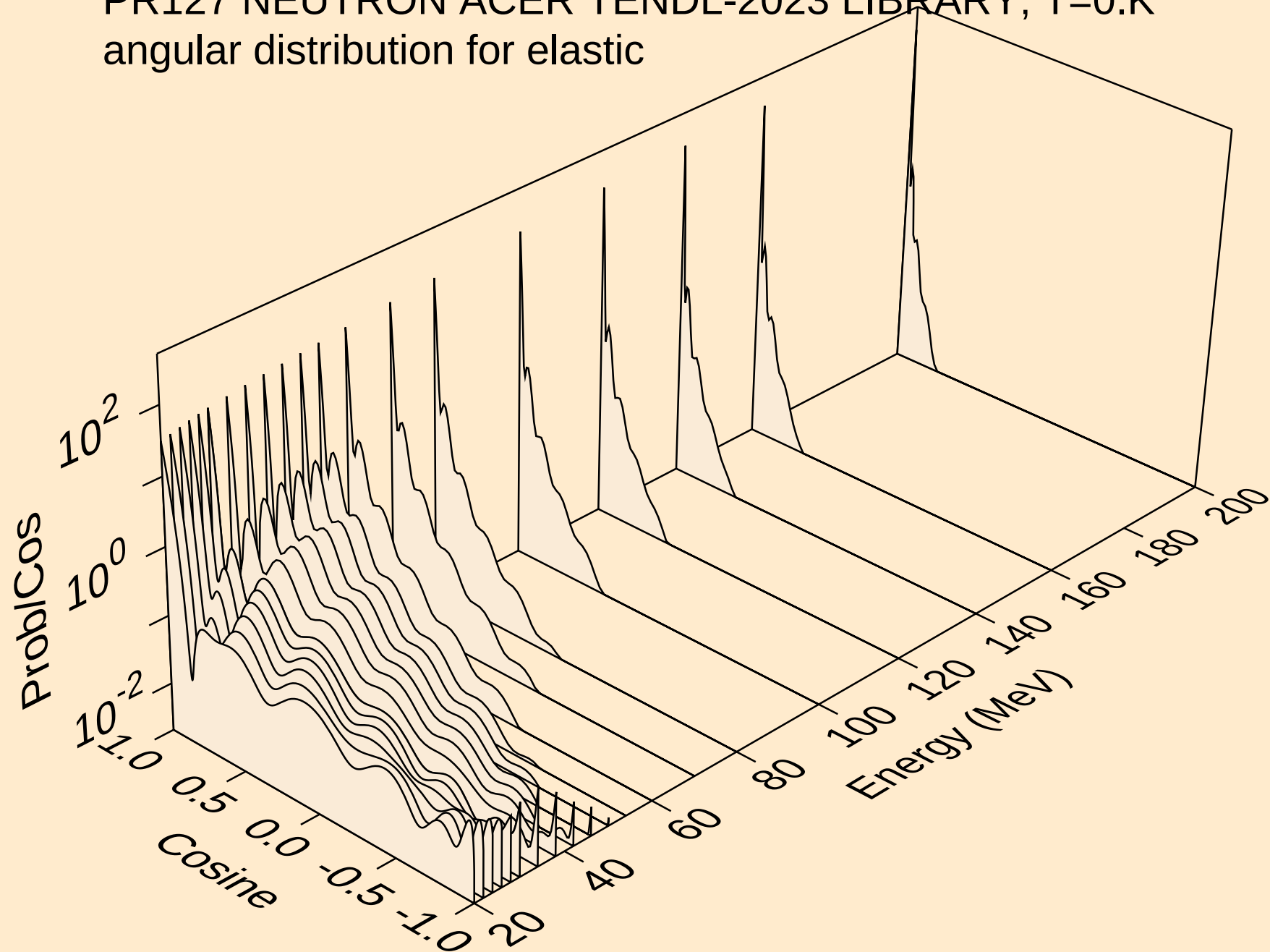
Threshold reactions



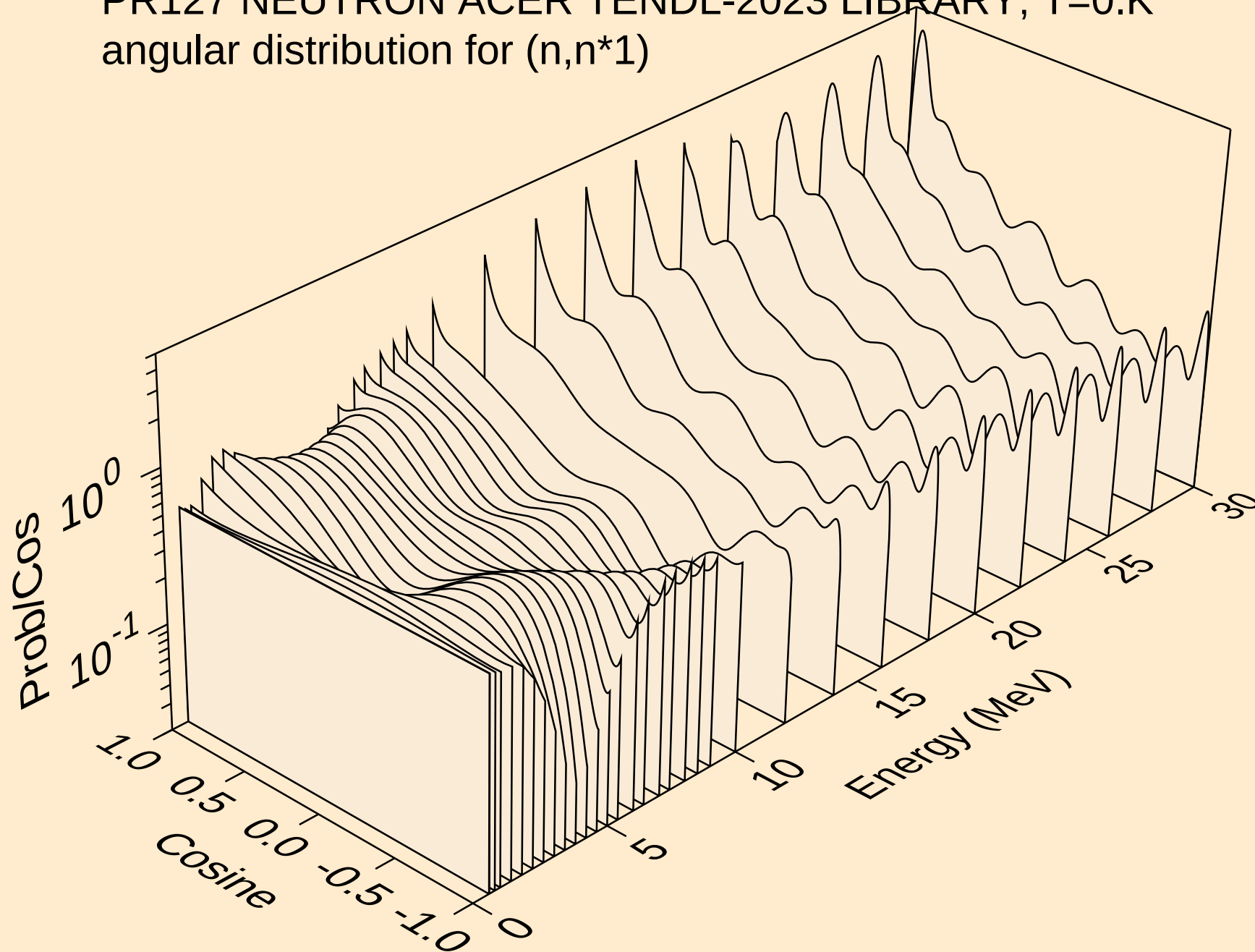
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



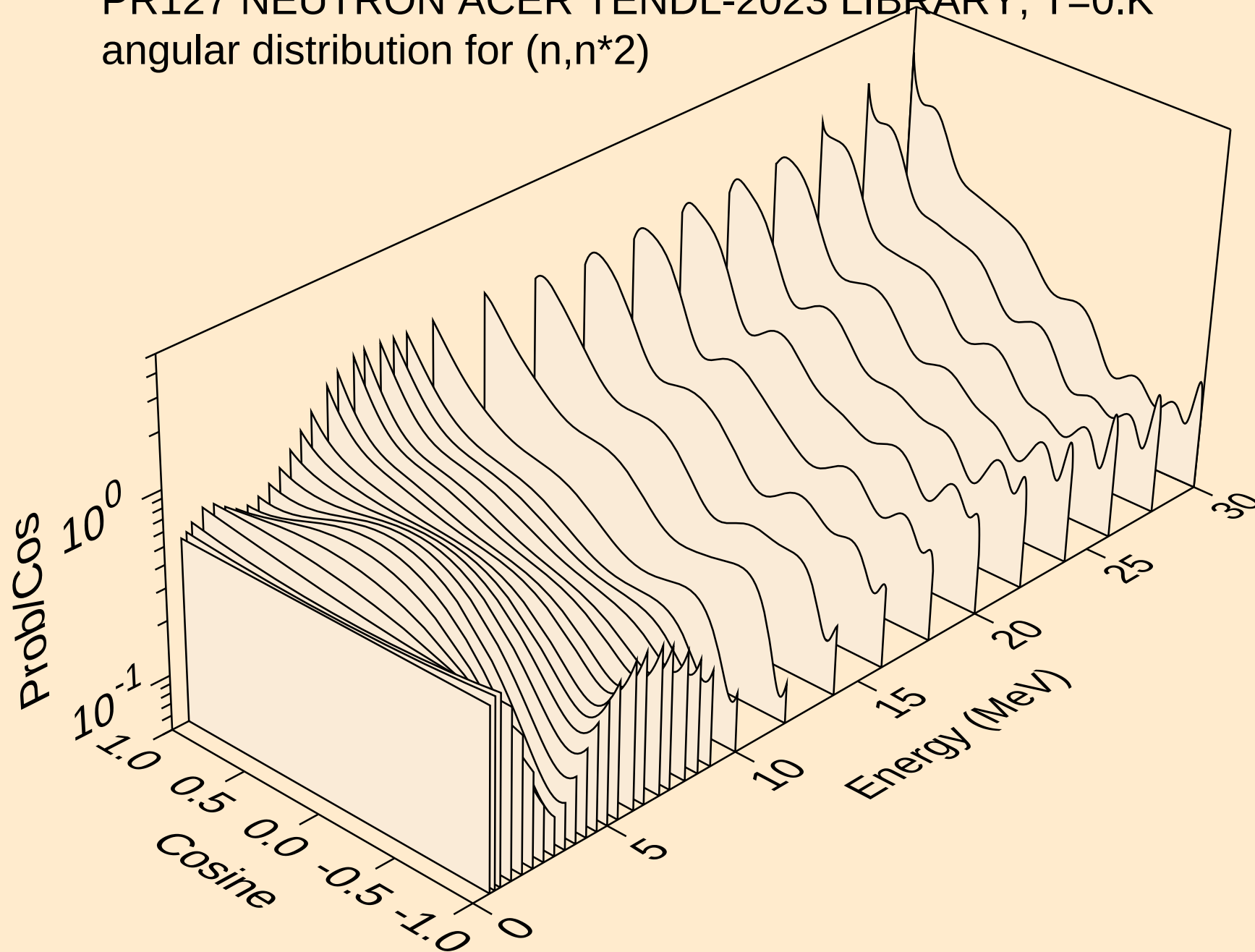
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



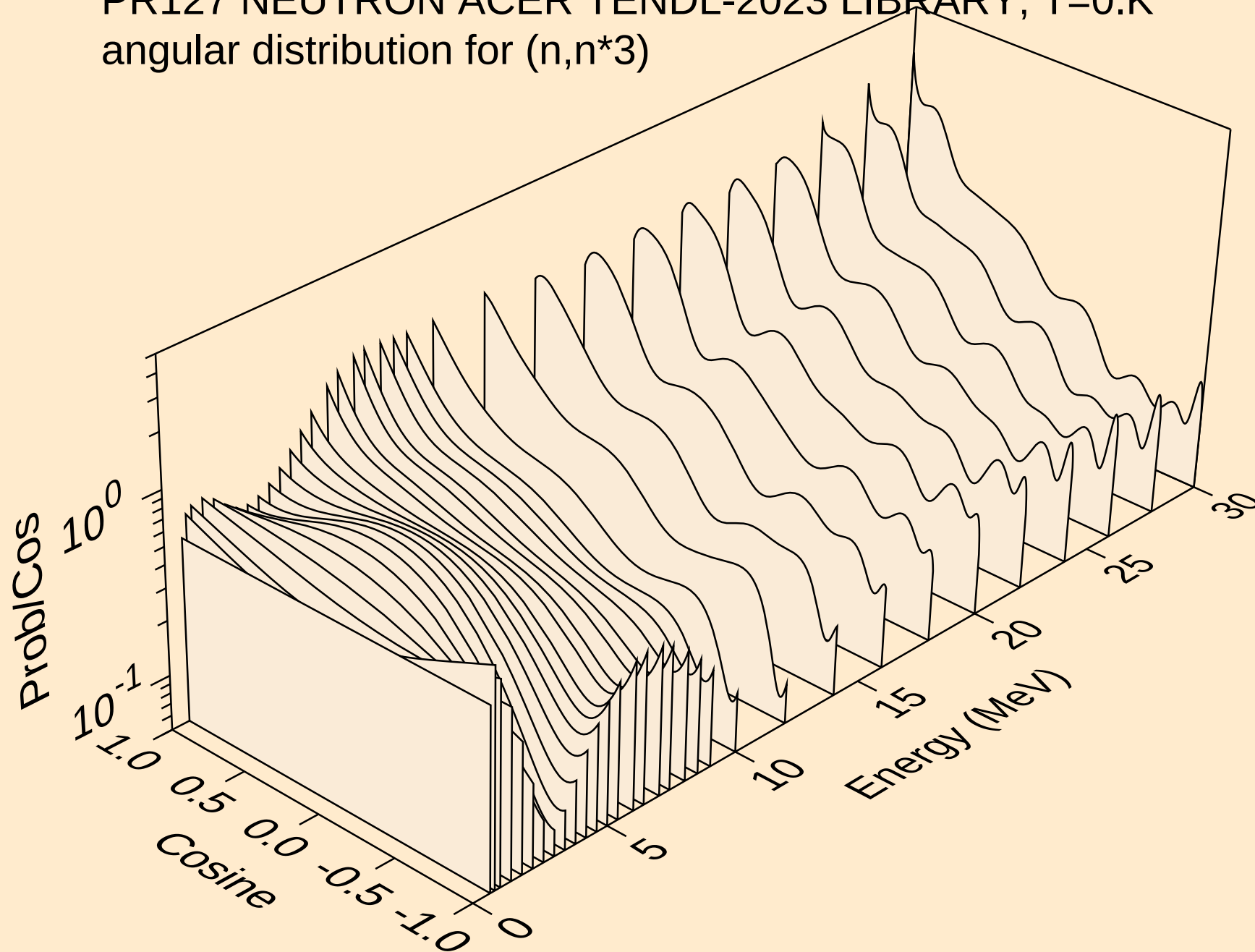
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



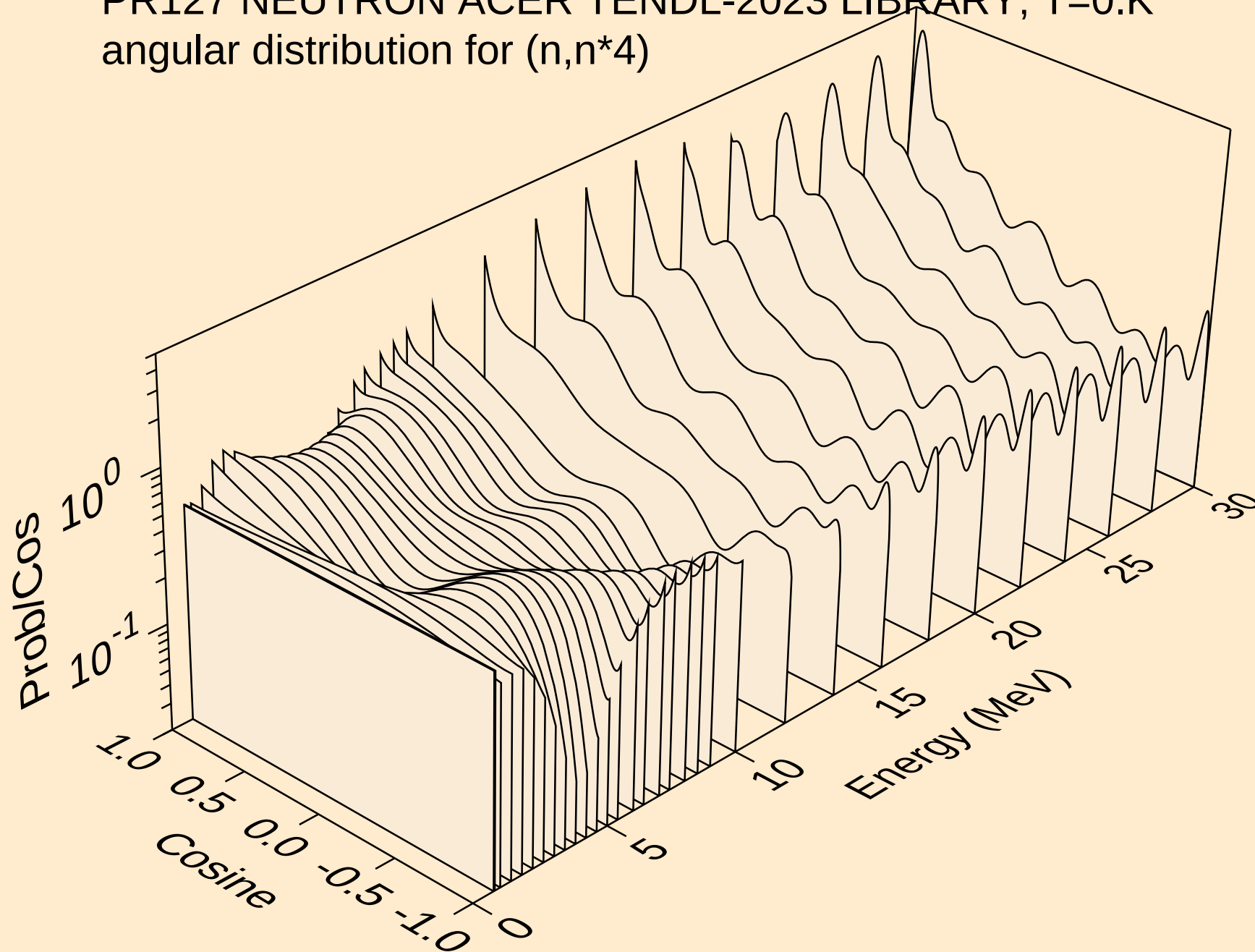
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



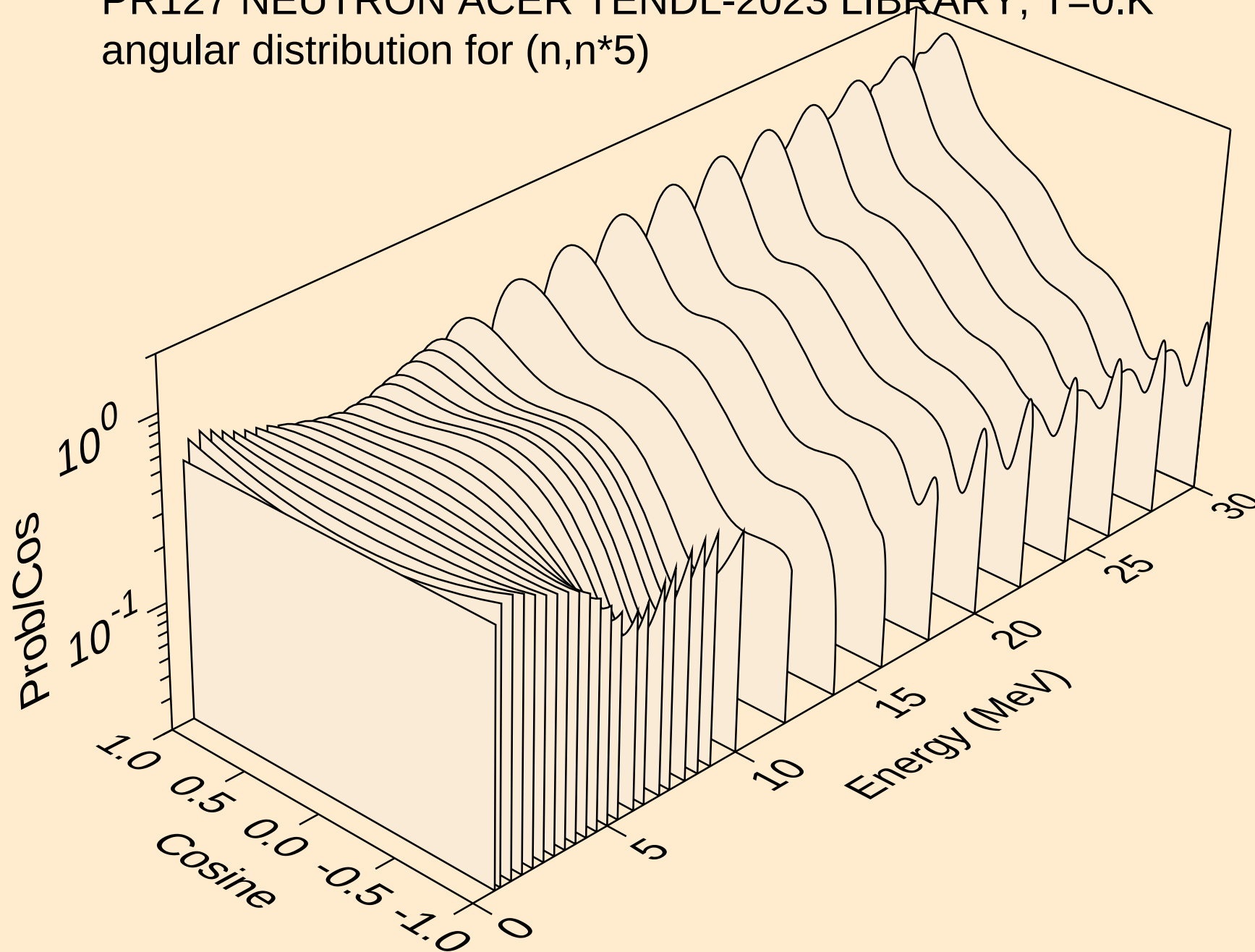
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



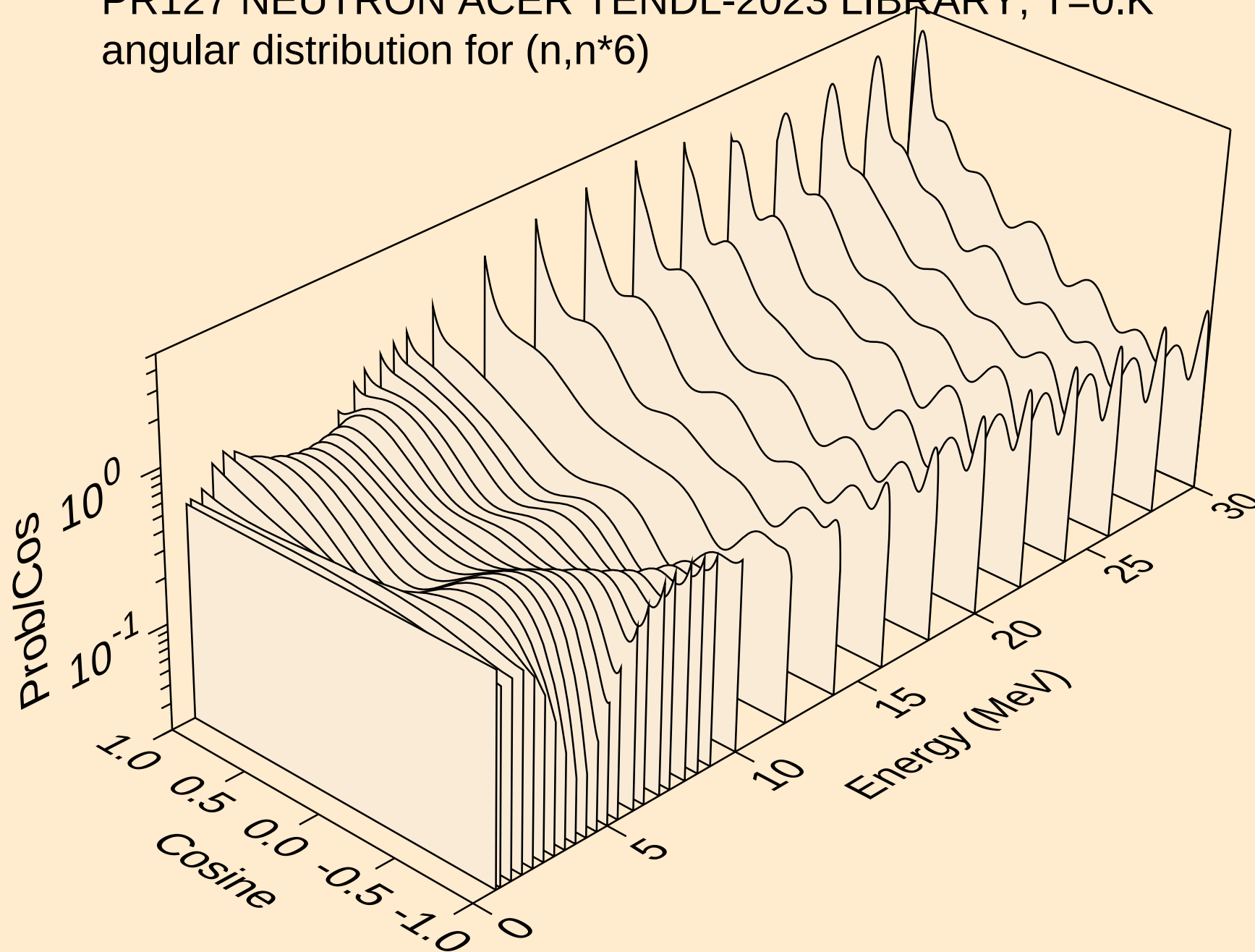
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



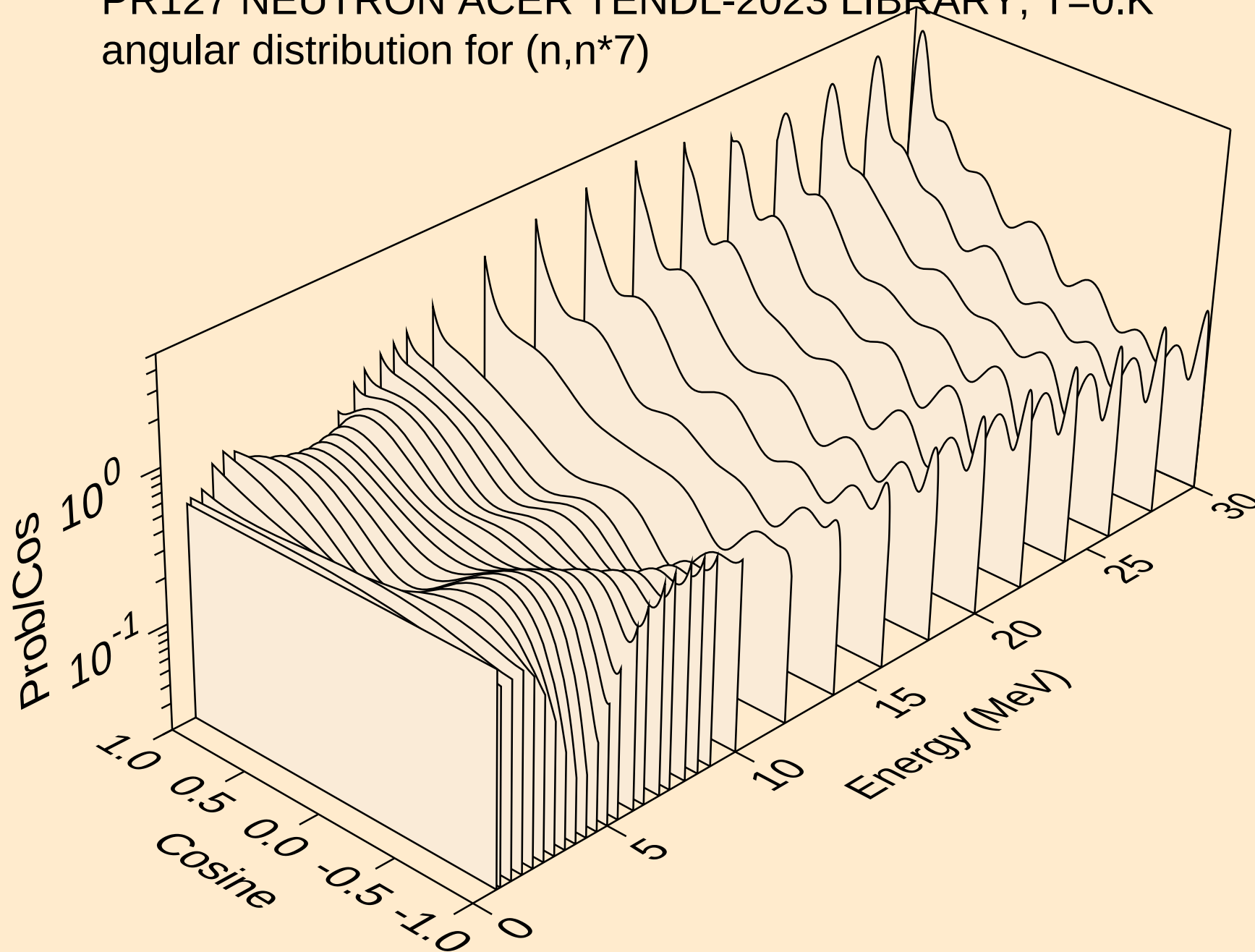
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



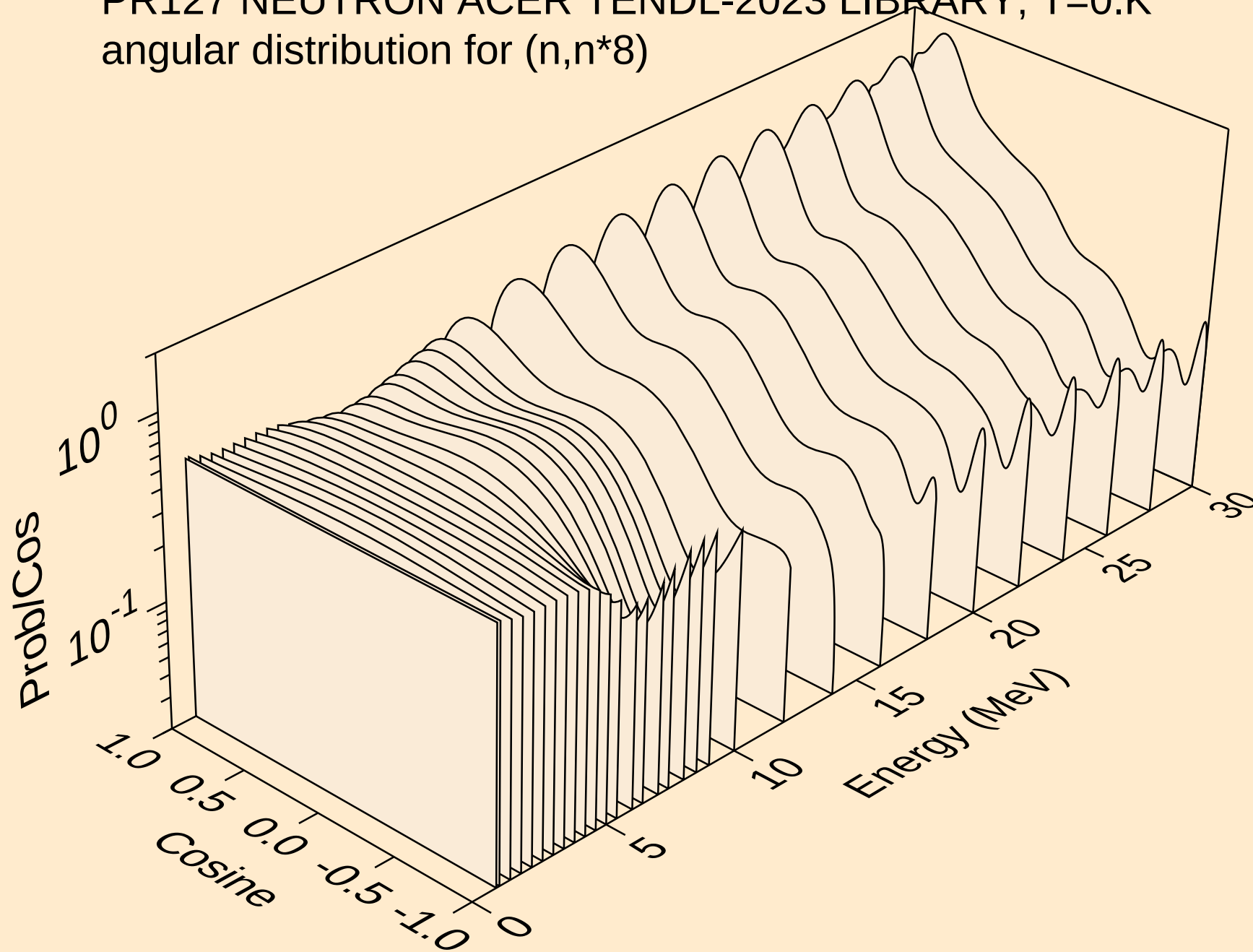
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



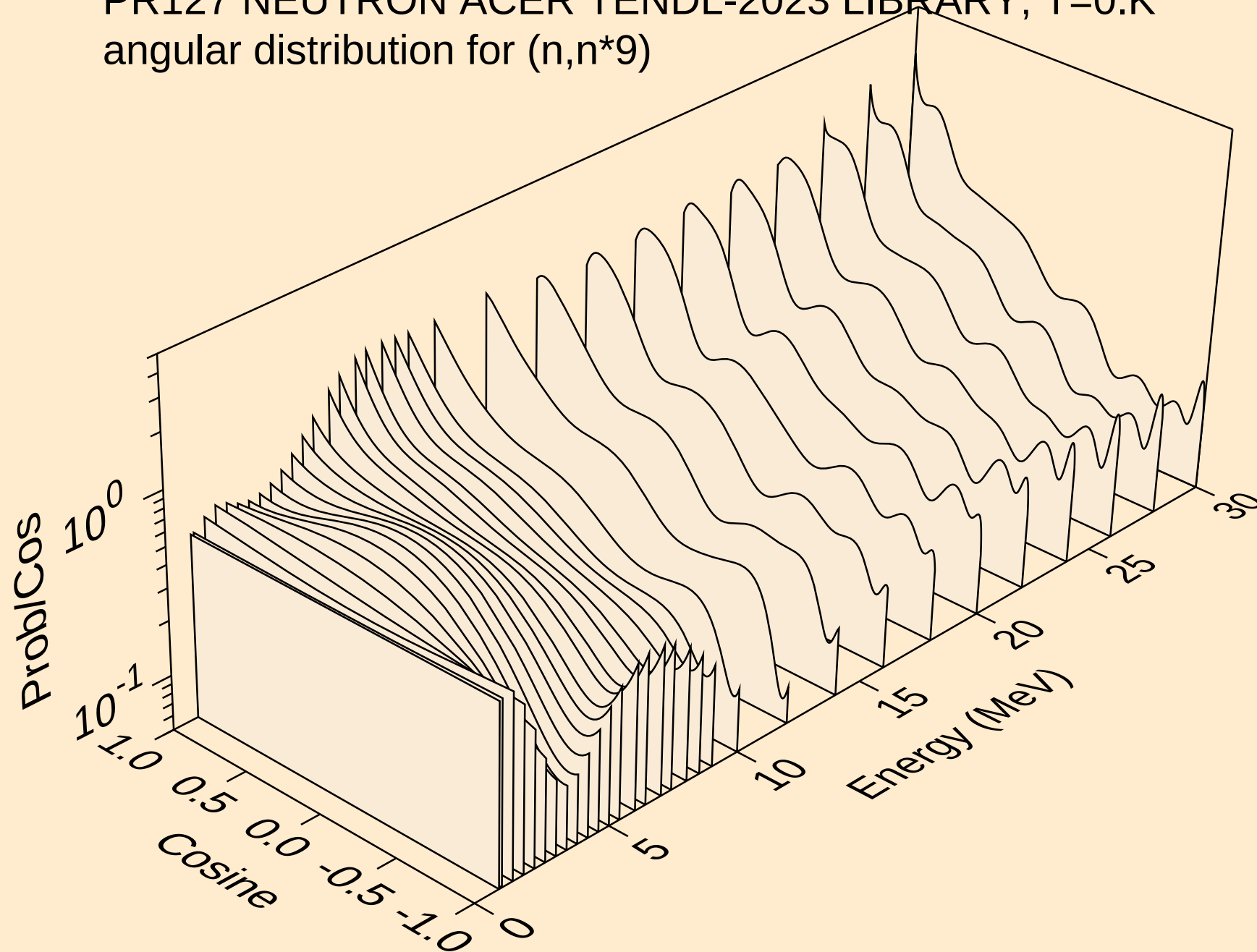
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



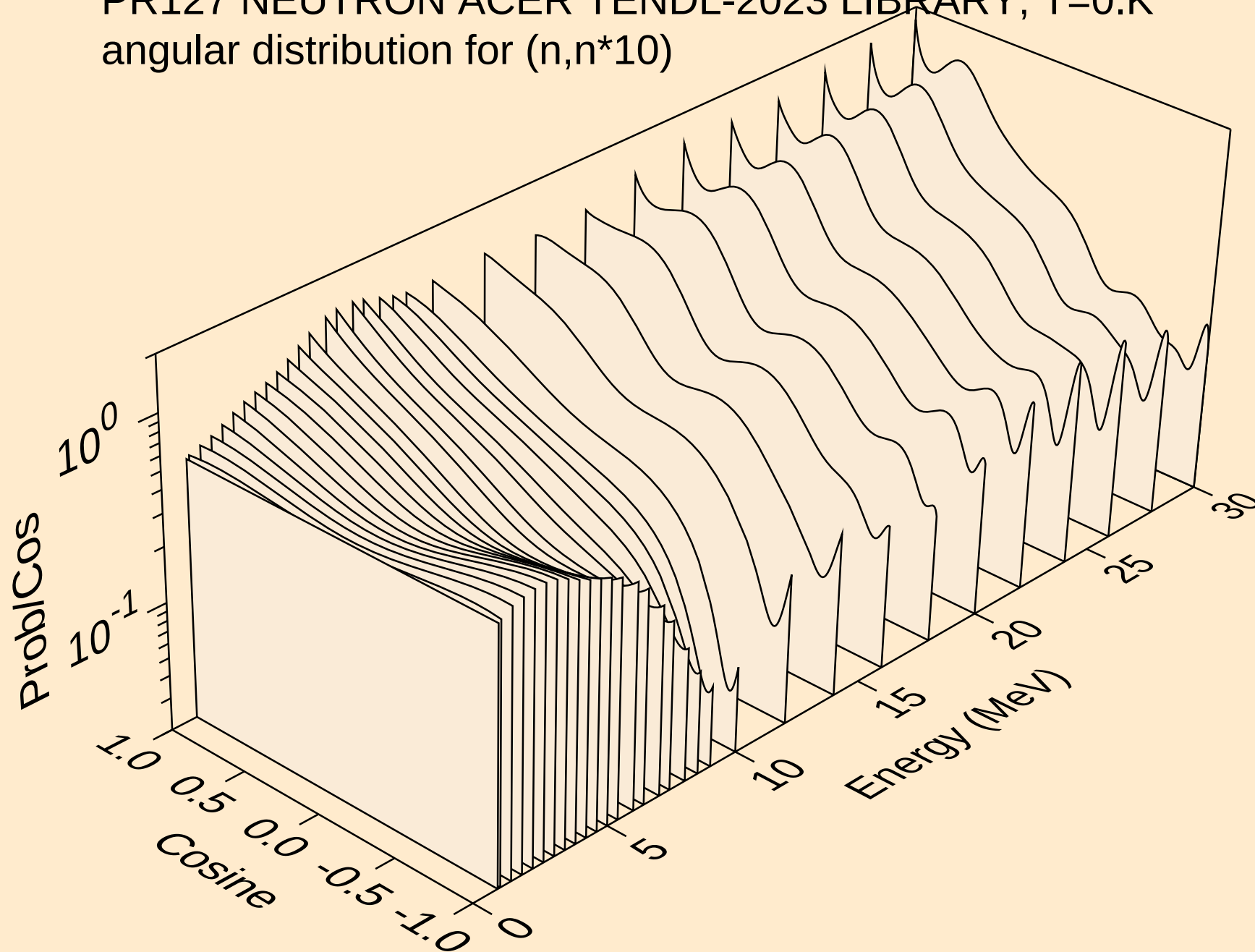
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



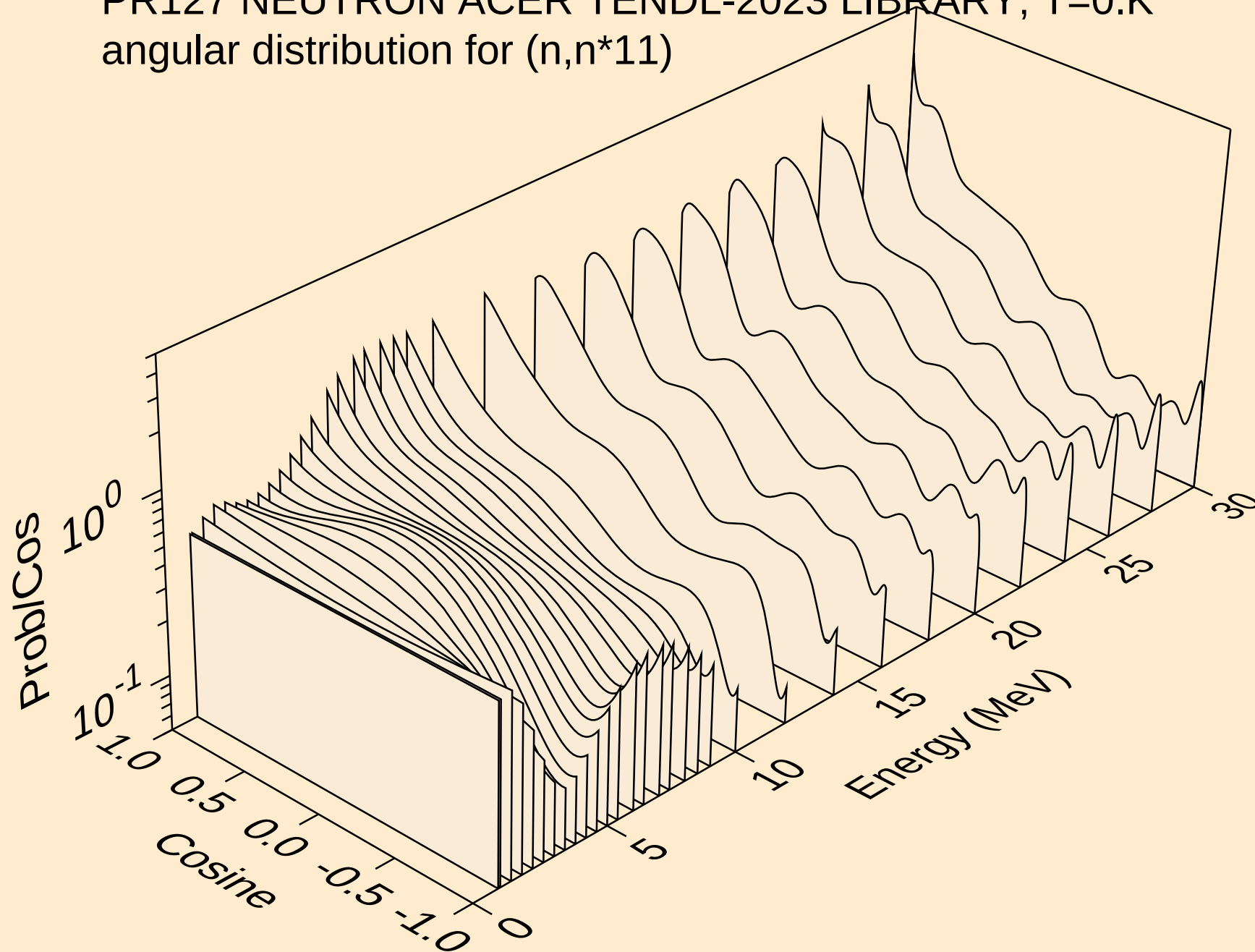
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



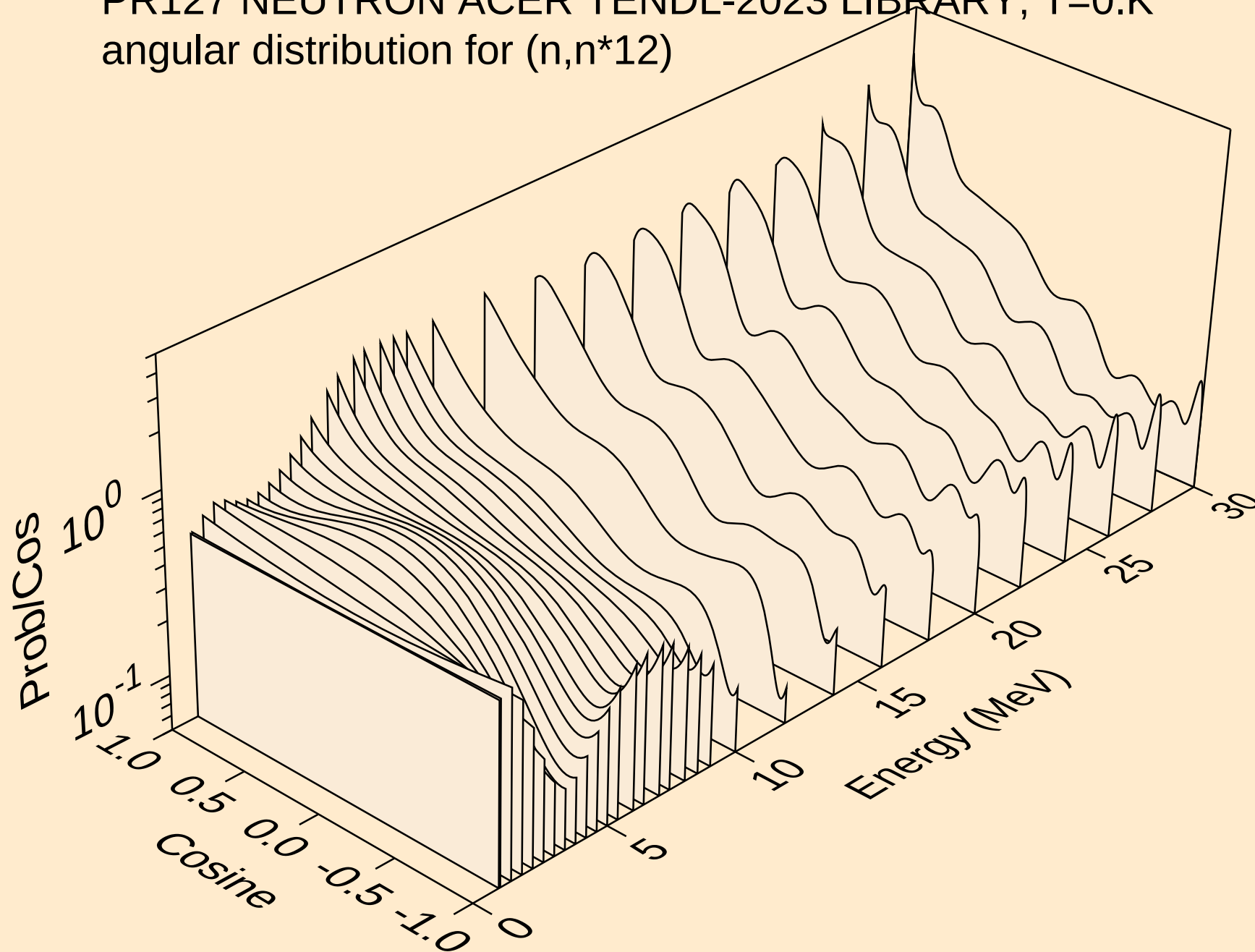
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



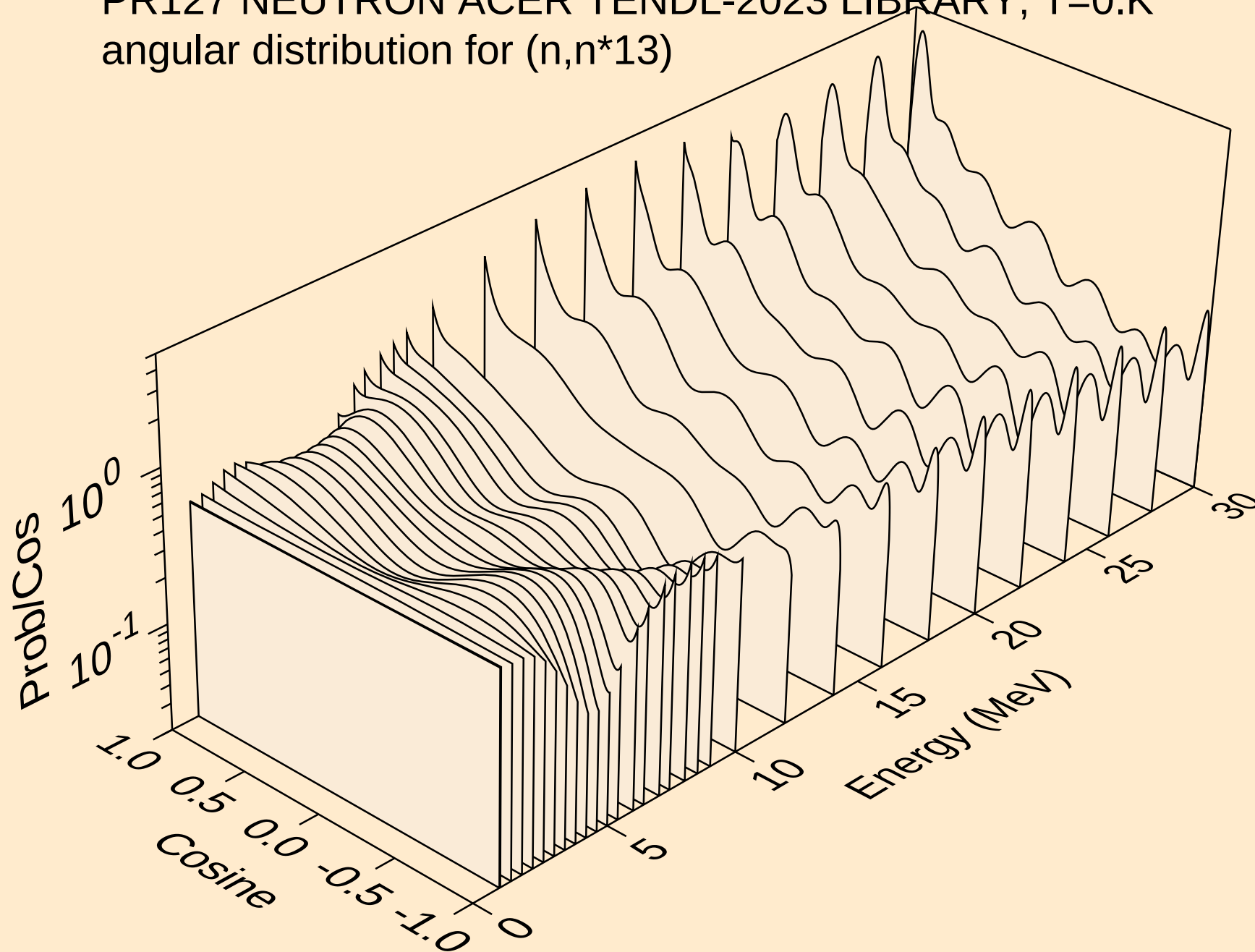
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angular distribution for (n,n*11)



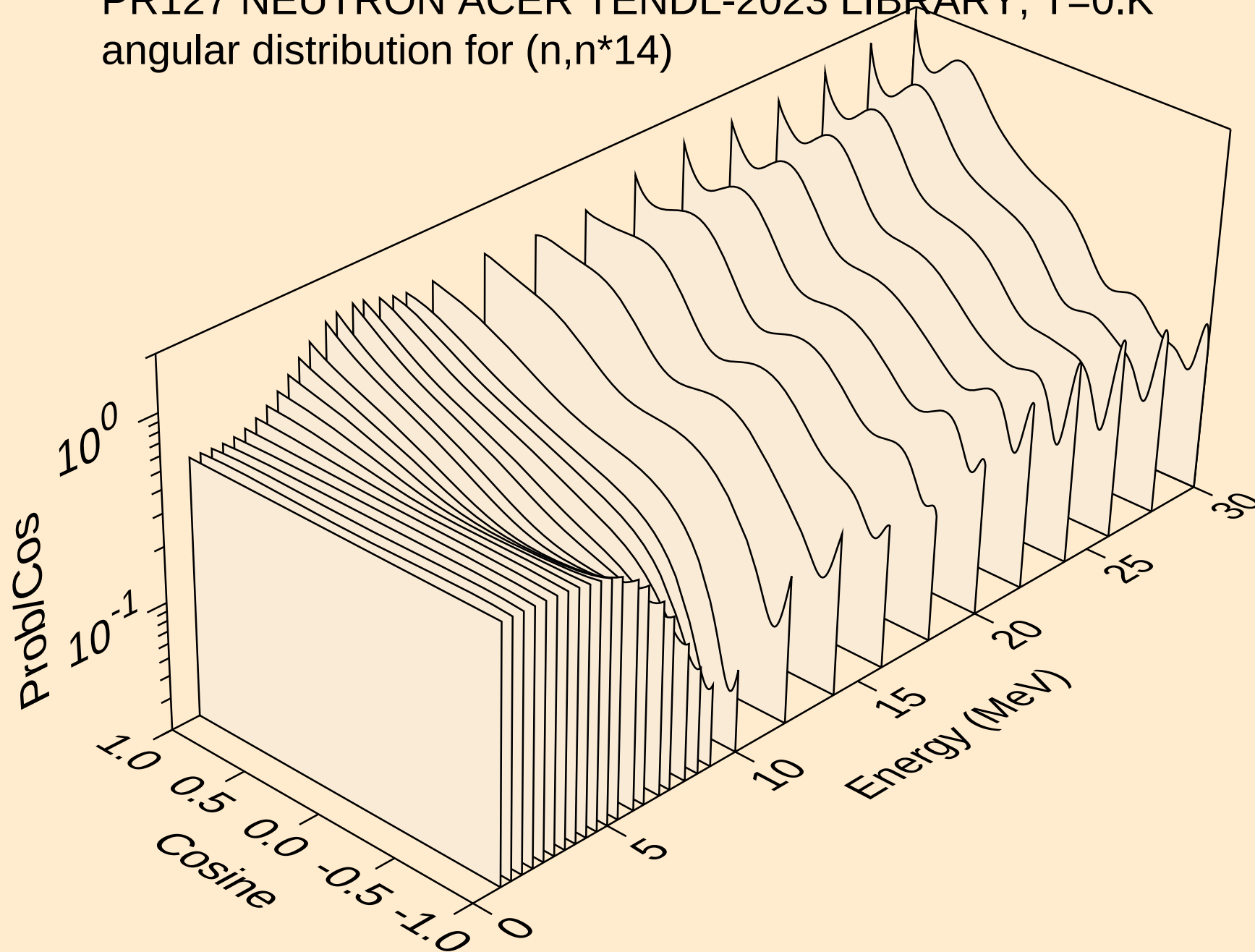
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angular distribution for (n,n*12)



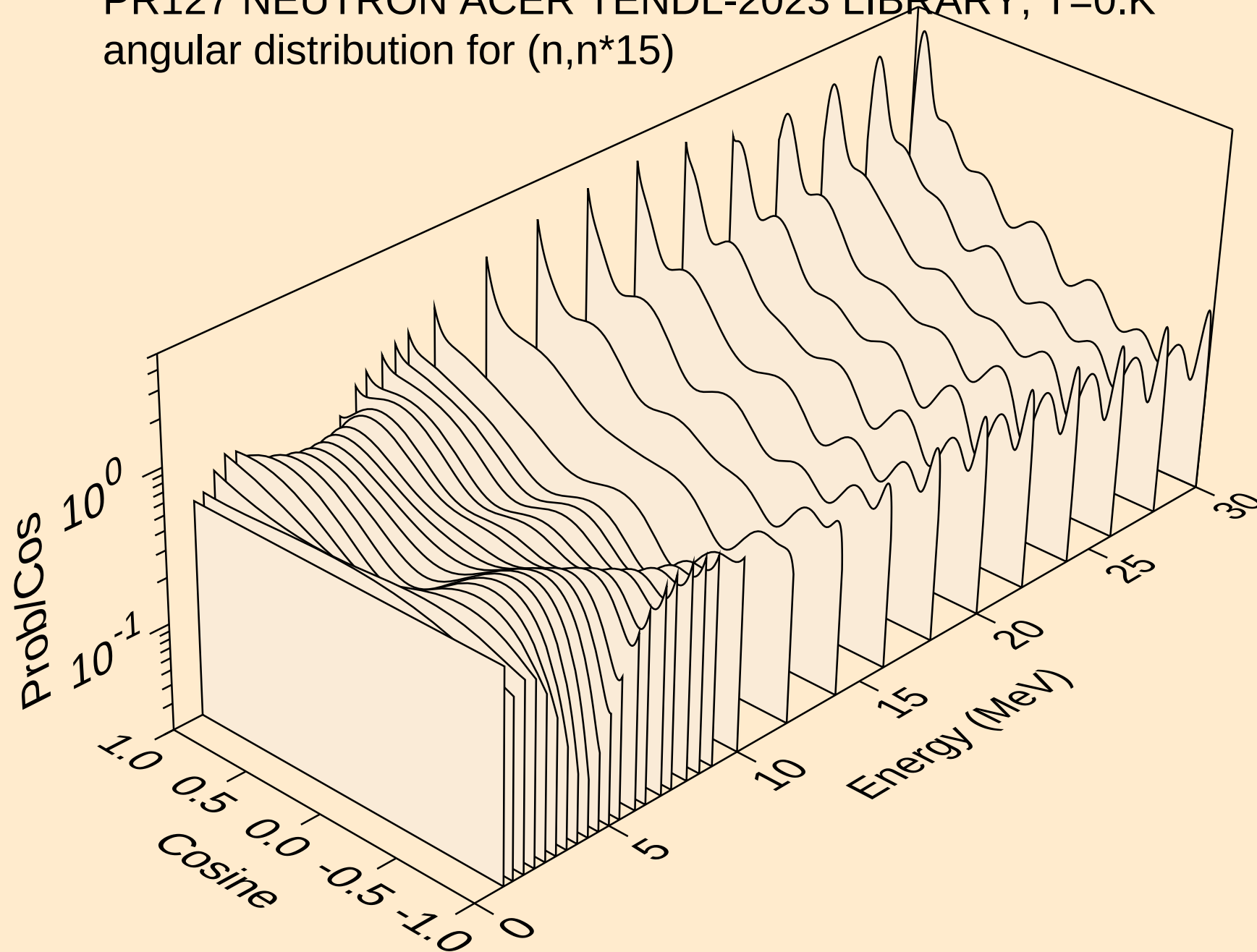
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angular distribution for (n,n*13)



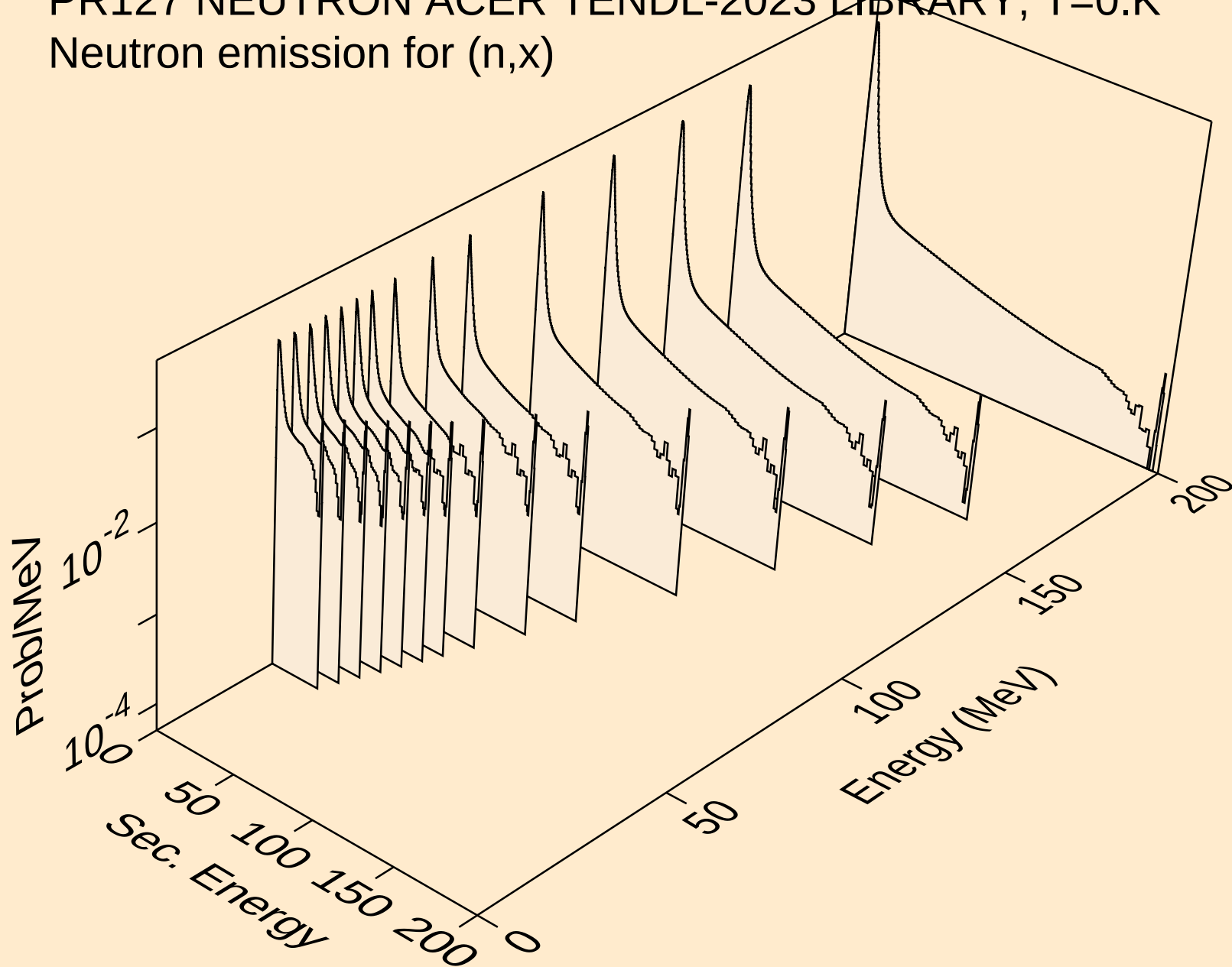
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angular distribution for (n,n*14)



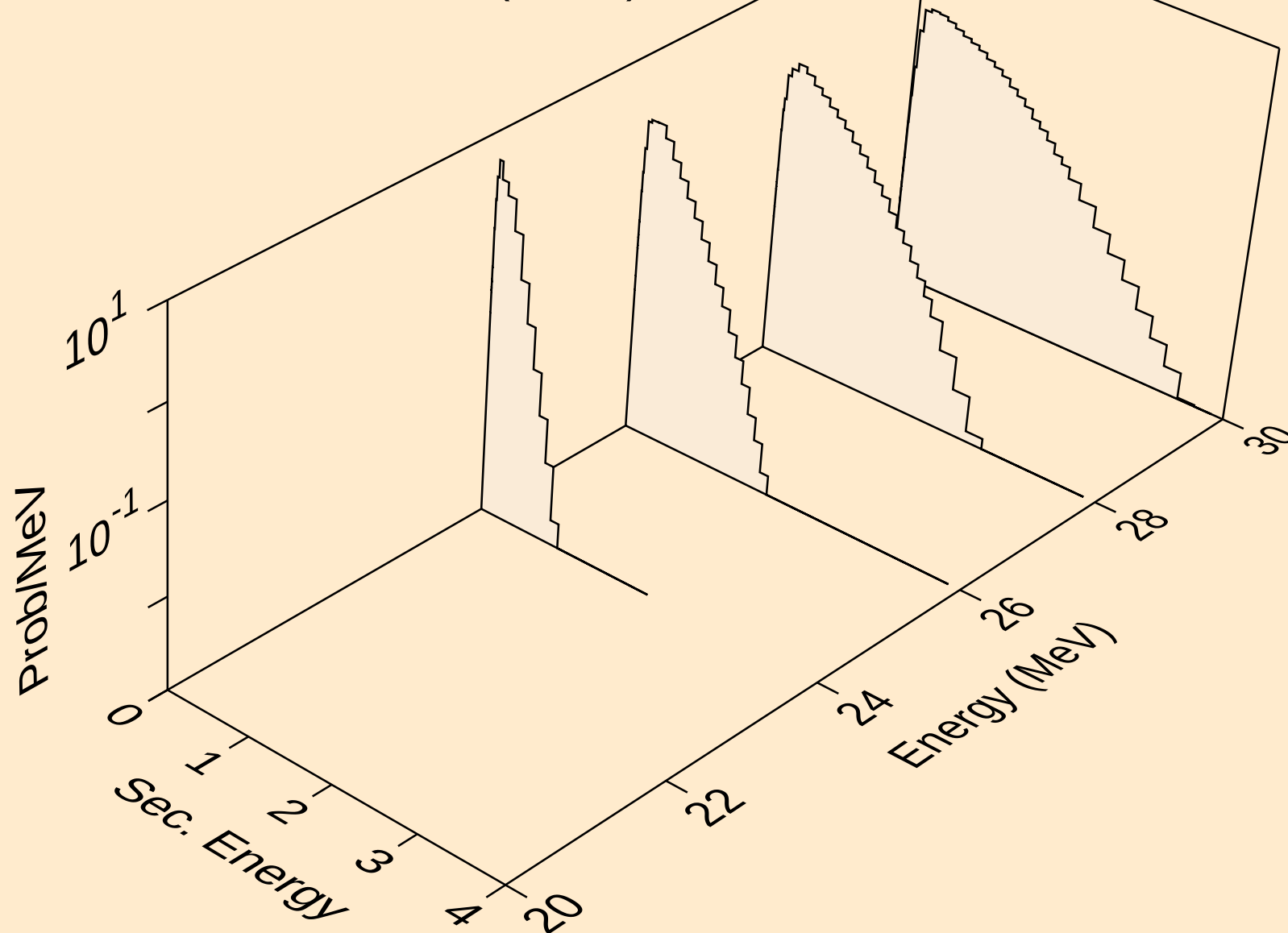
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



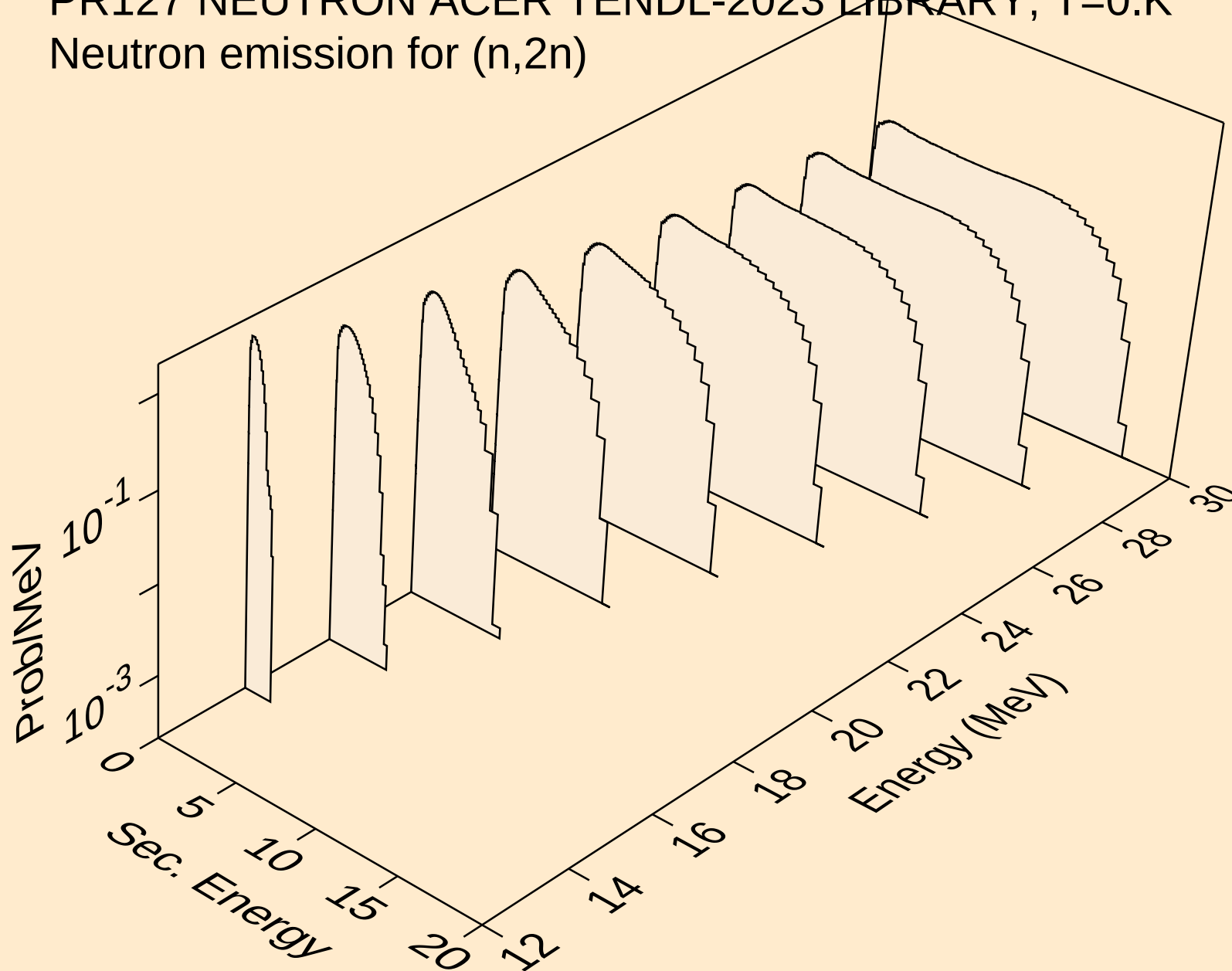
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



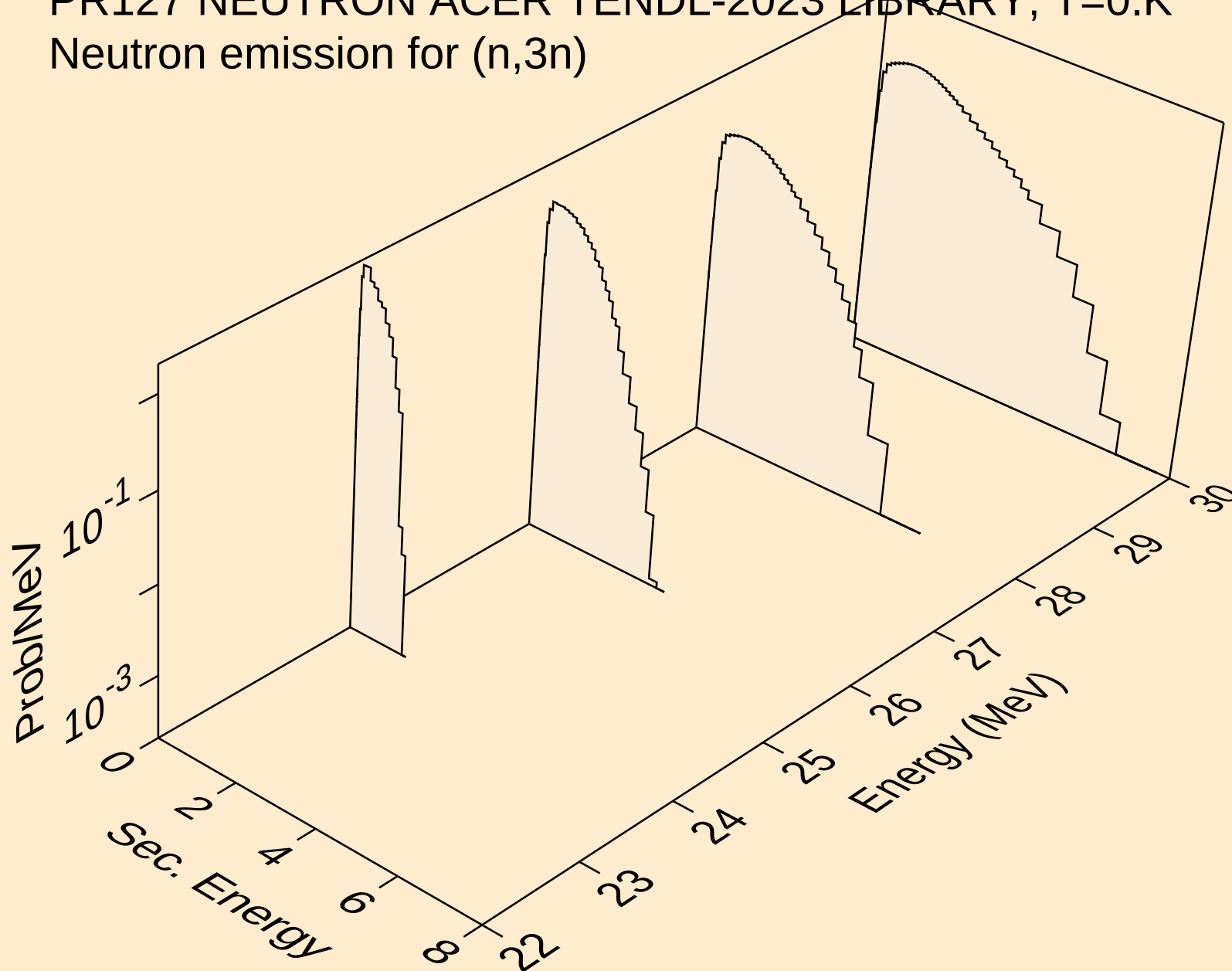
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



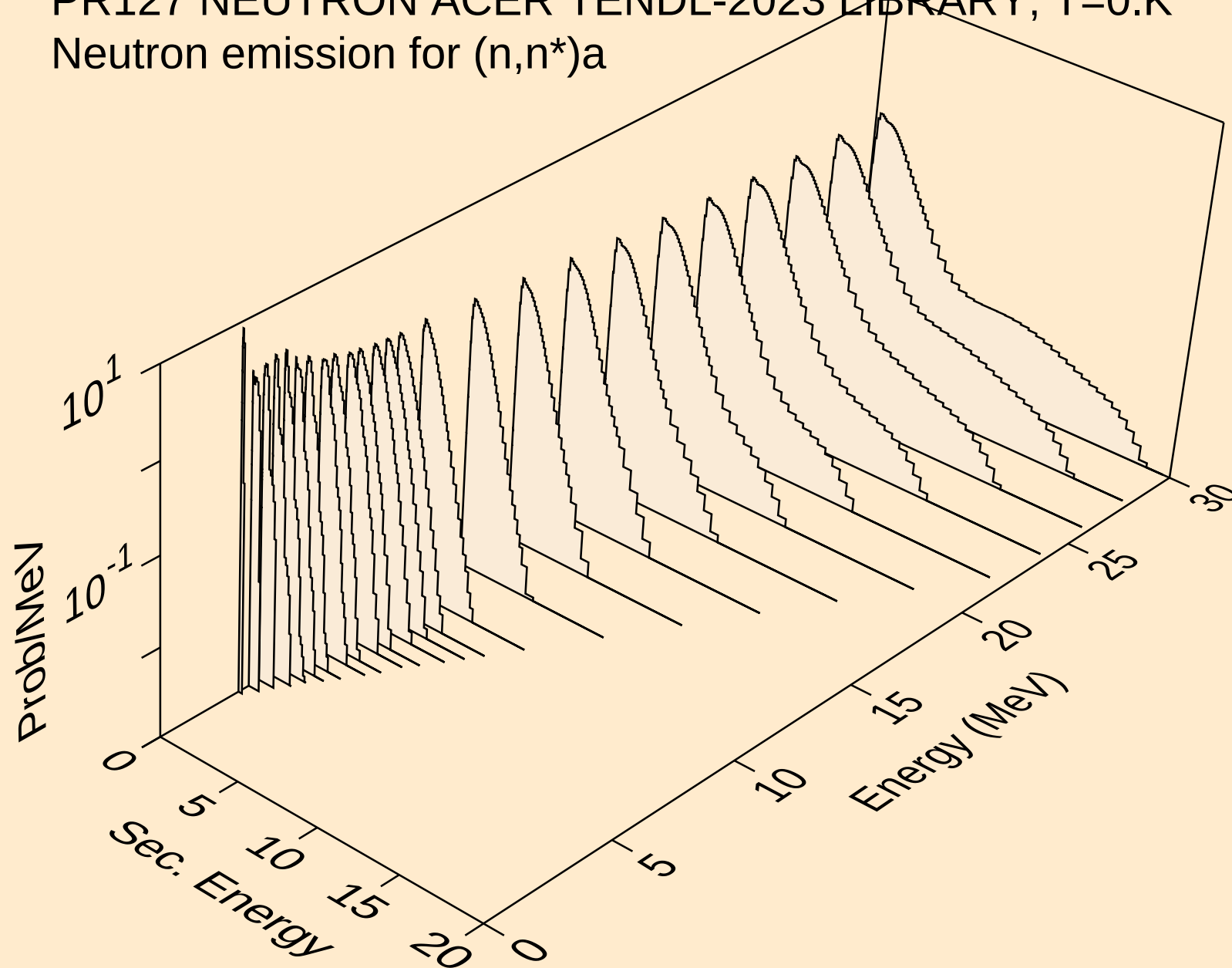
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



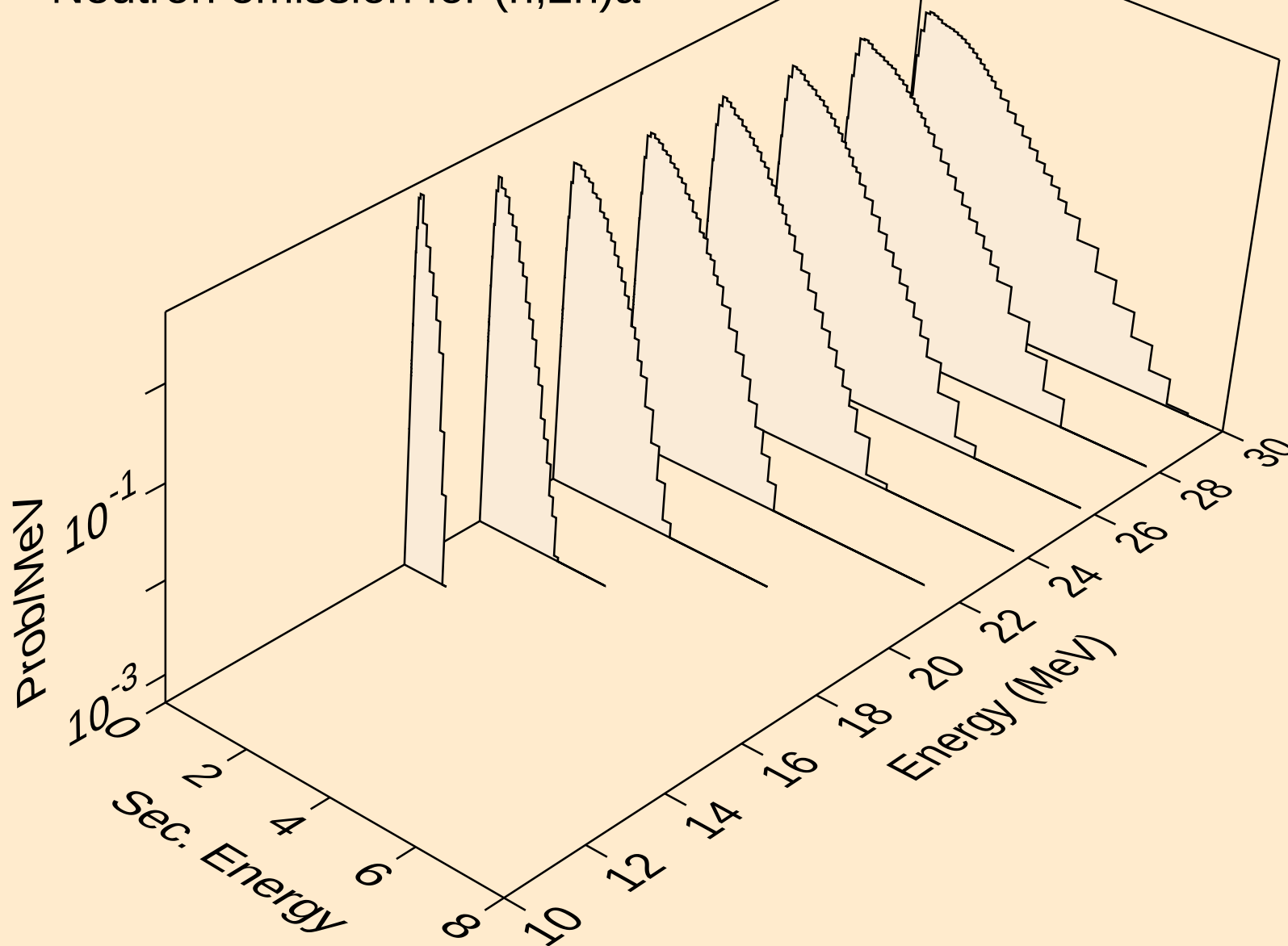
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



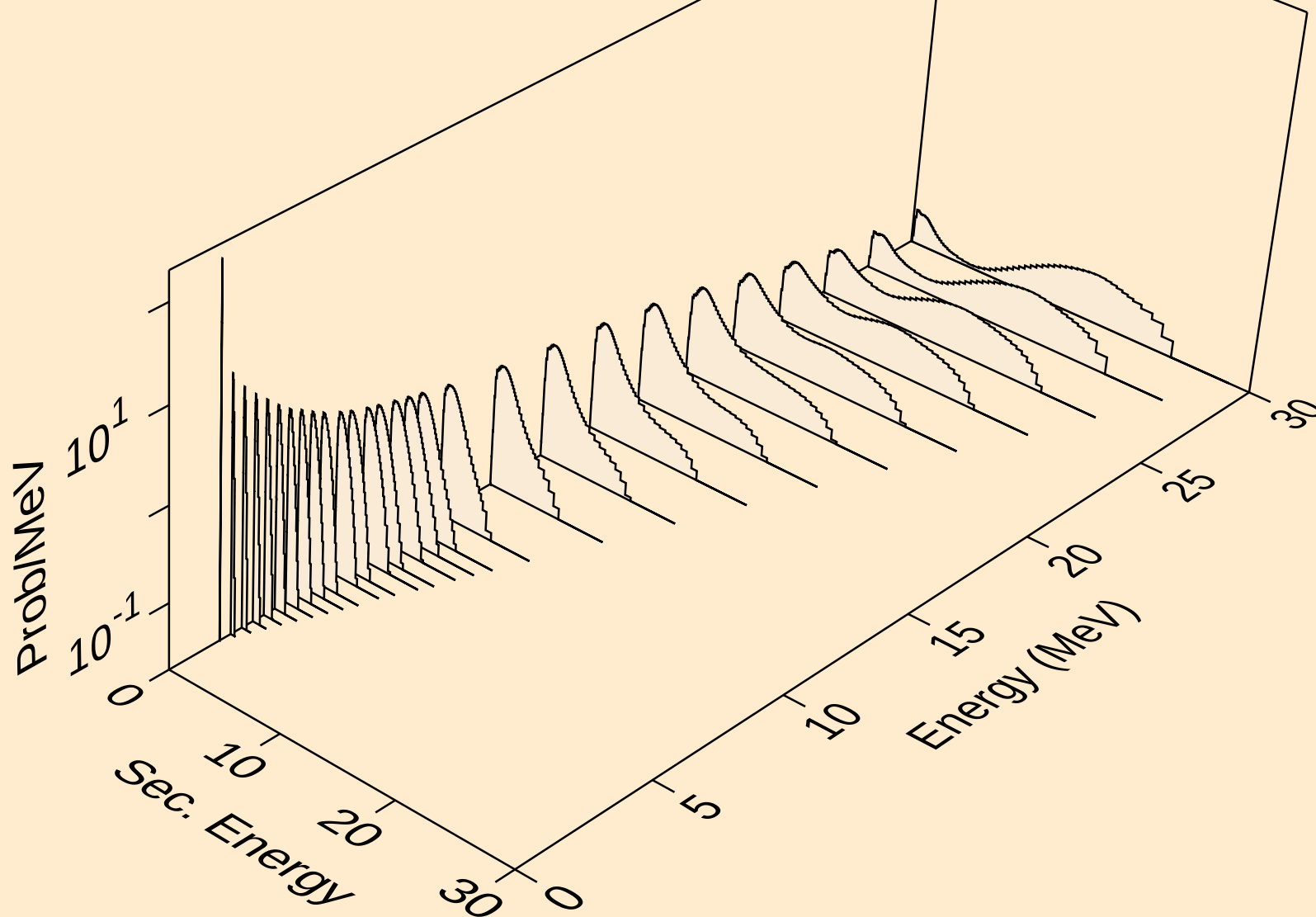
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



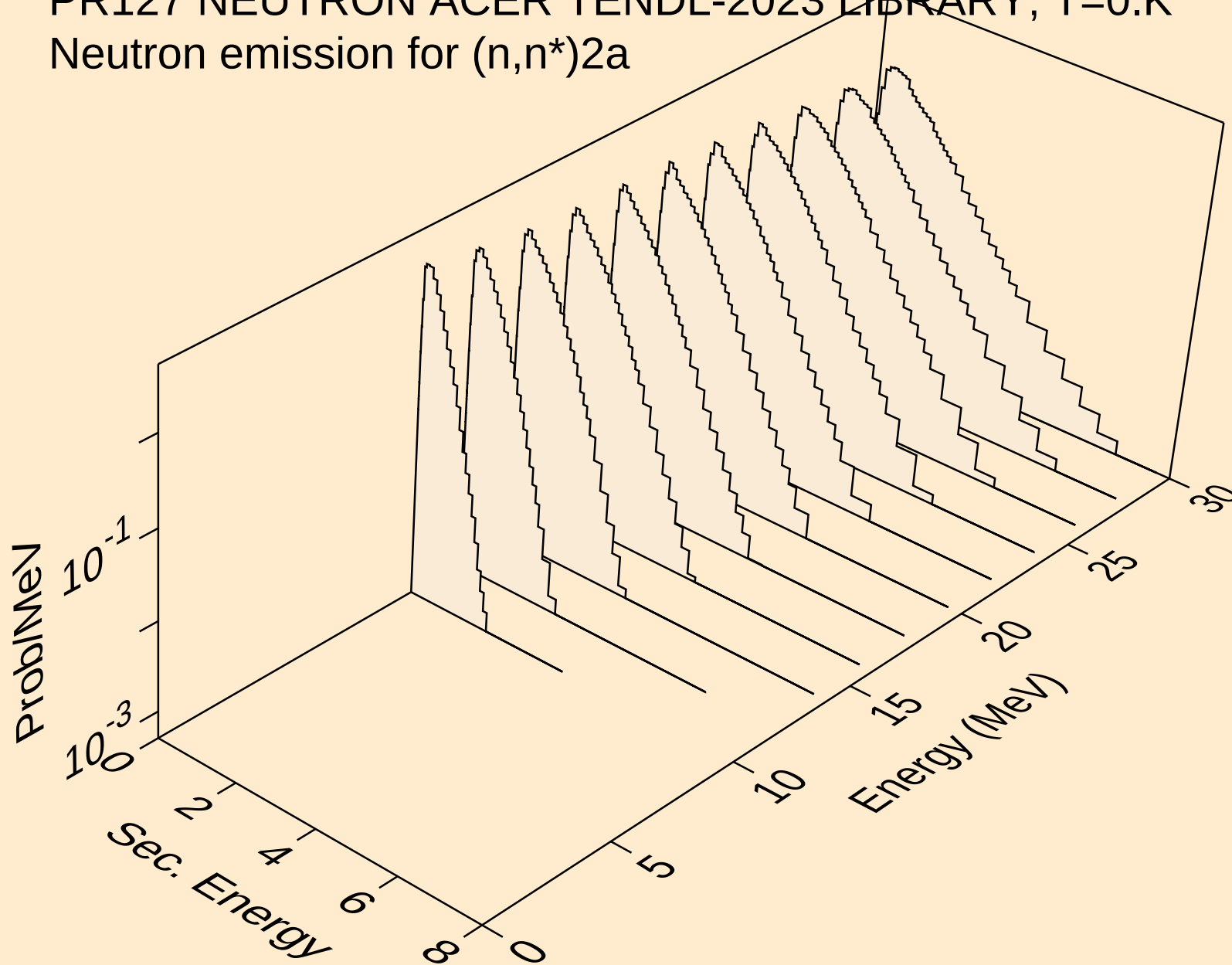
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



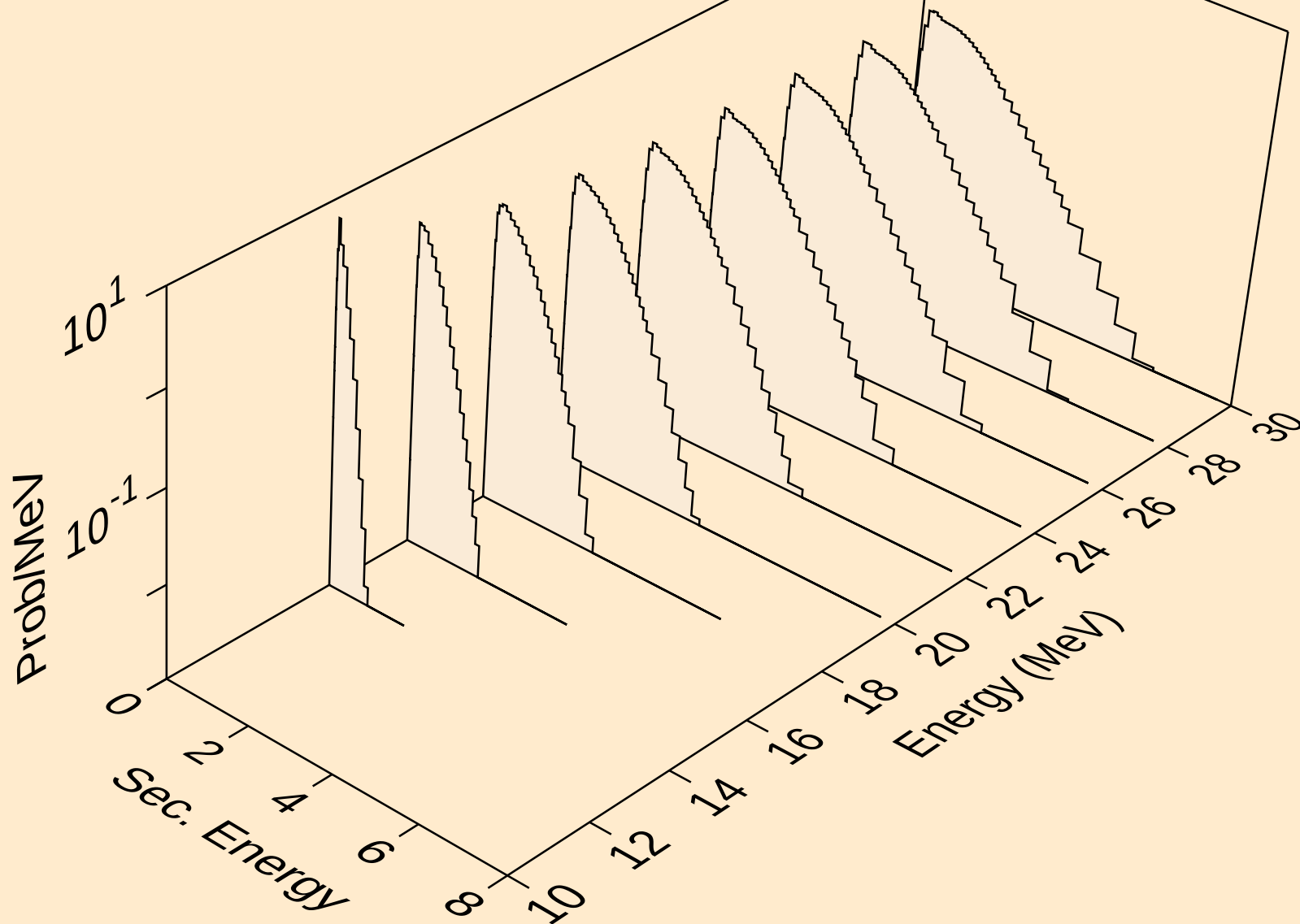
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a

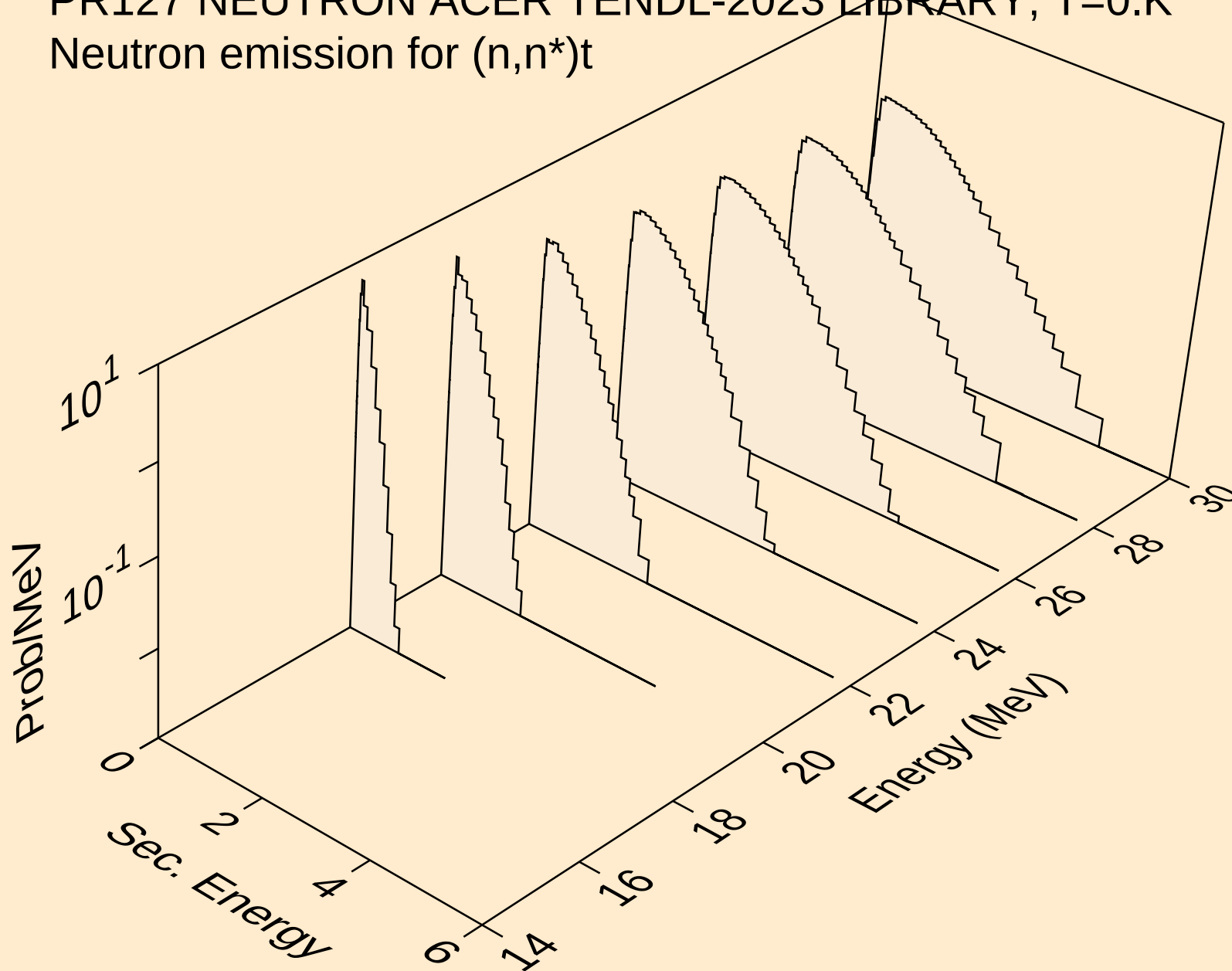


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d

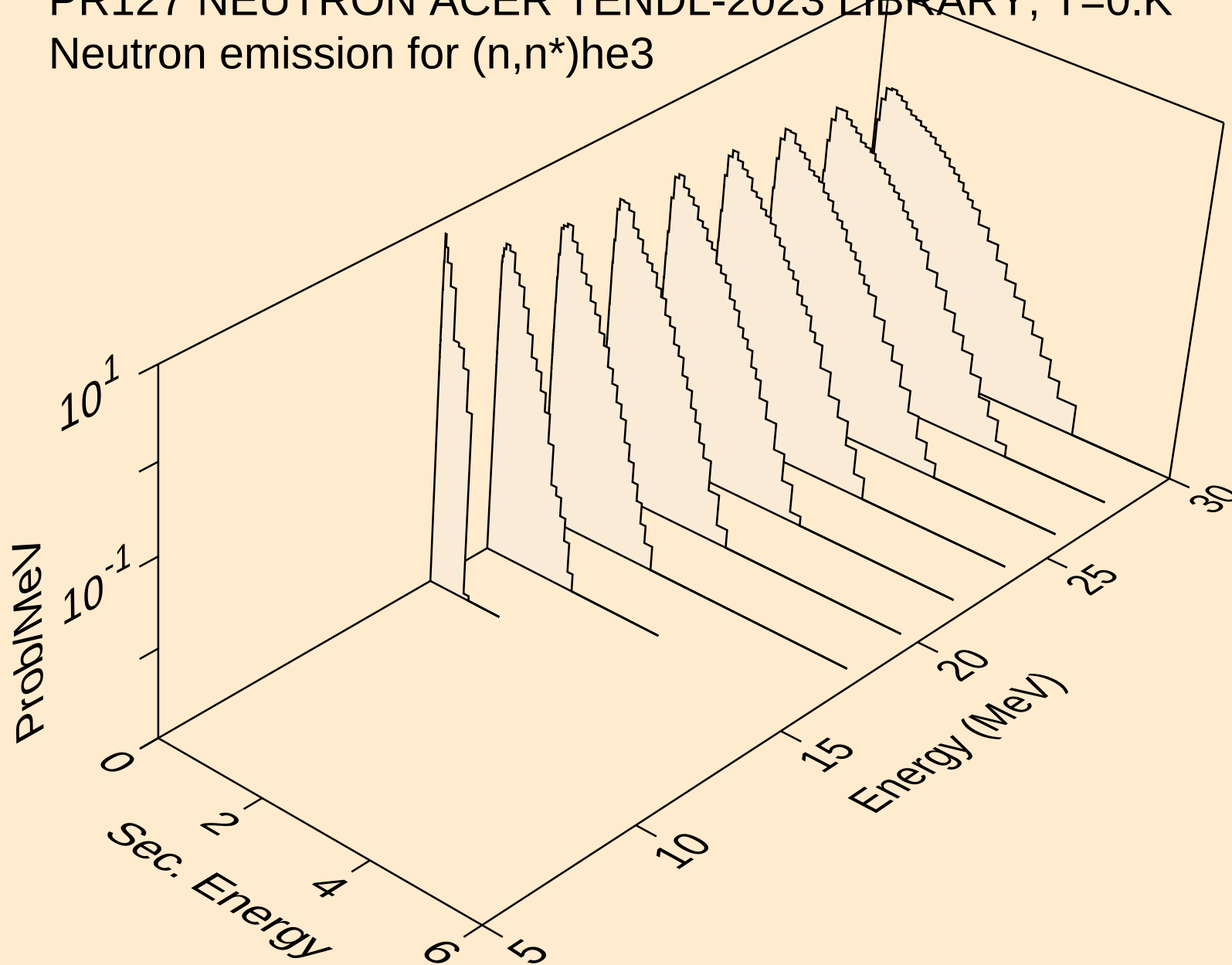


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

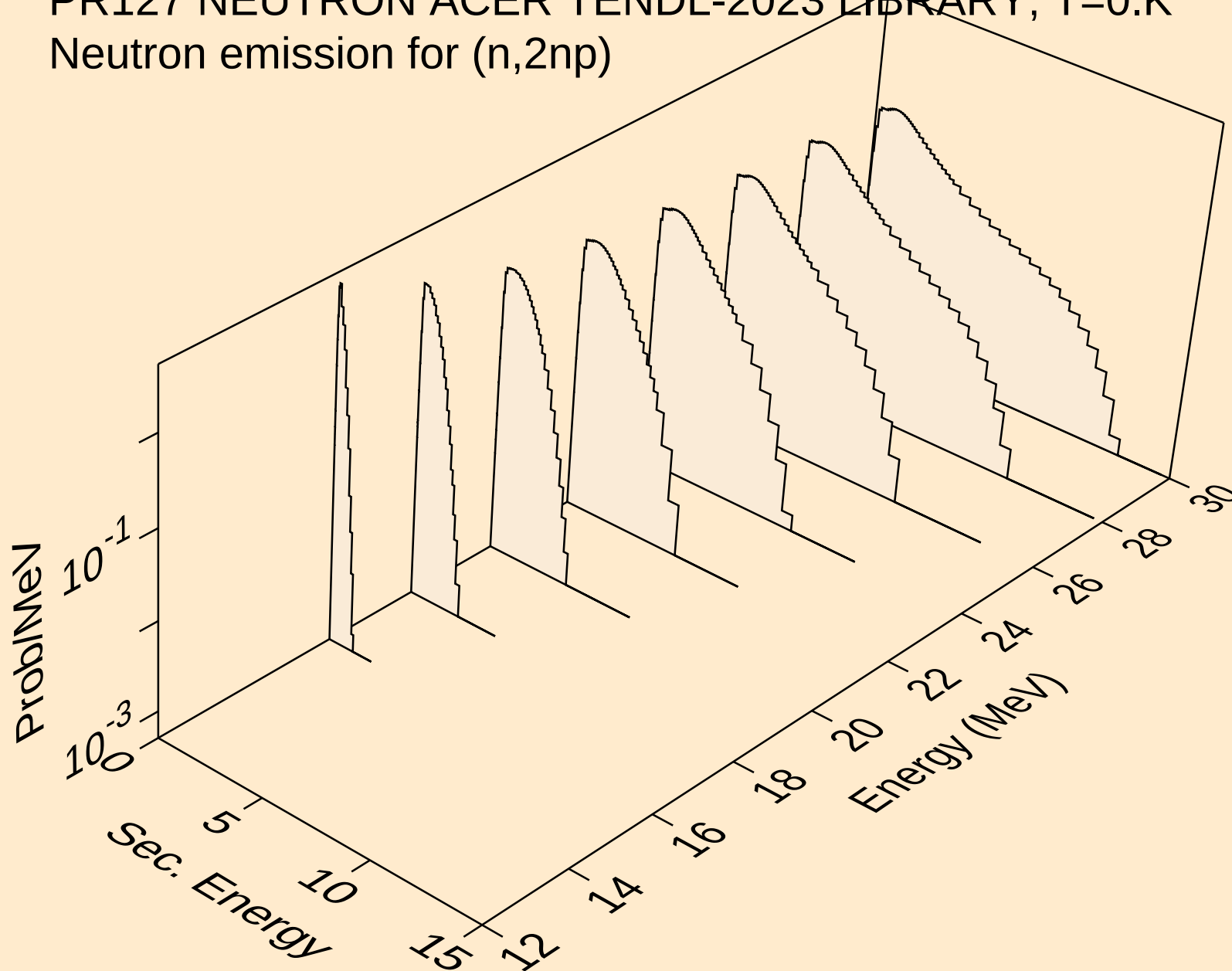
Neutron emission for (n,n*)t



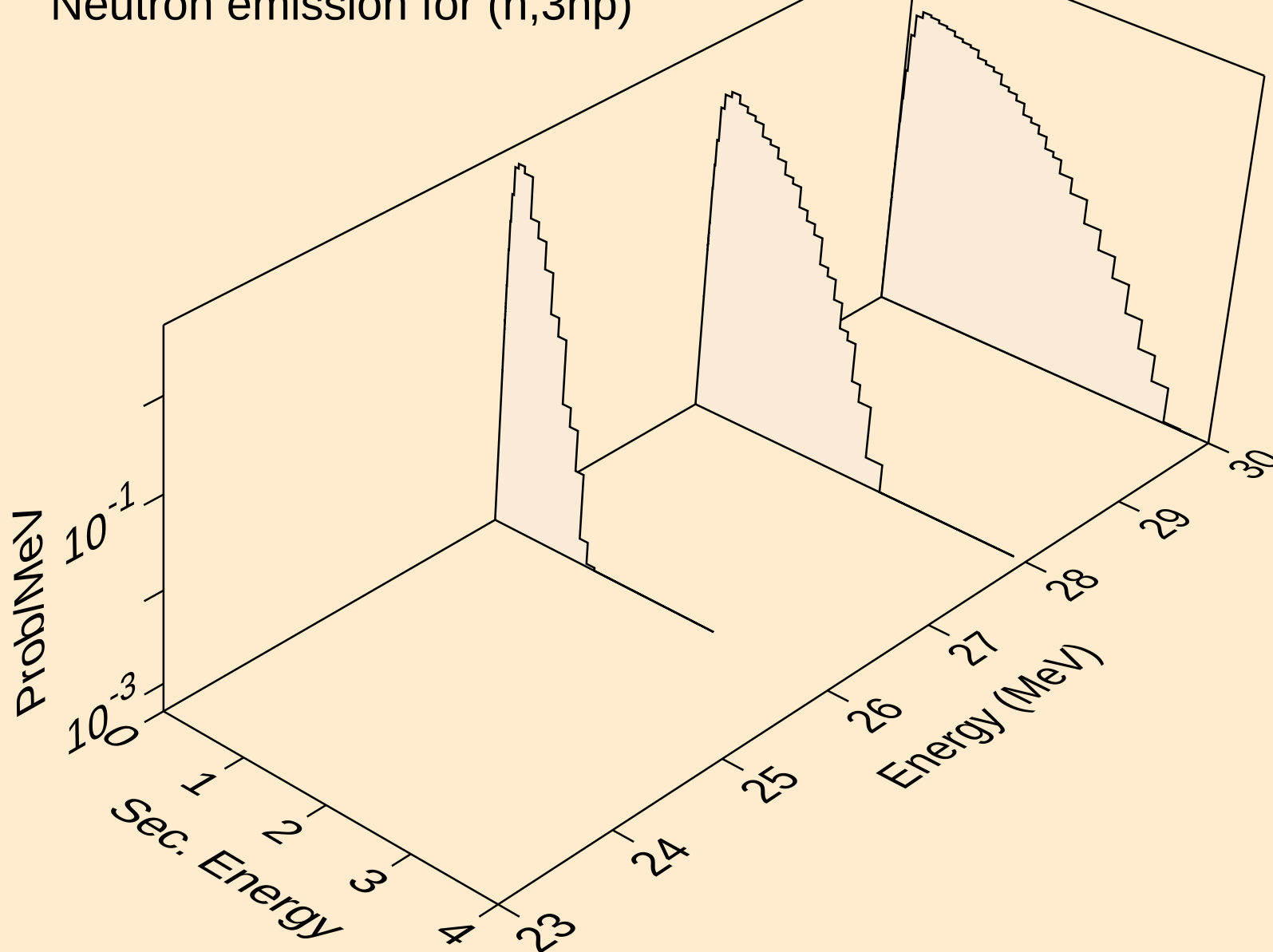
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



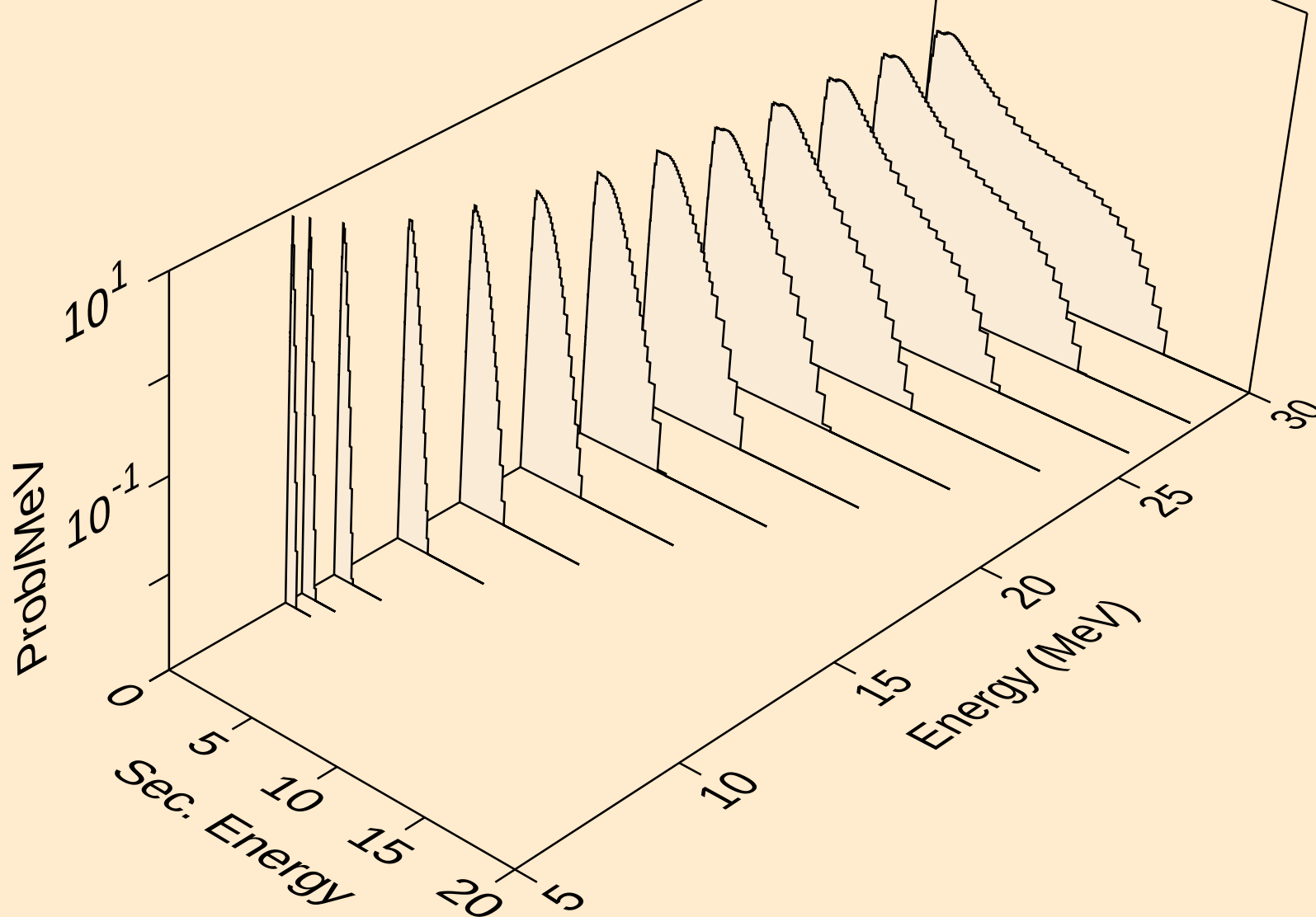
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



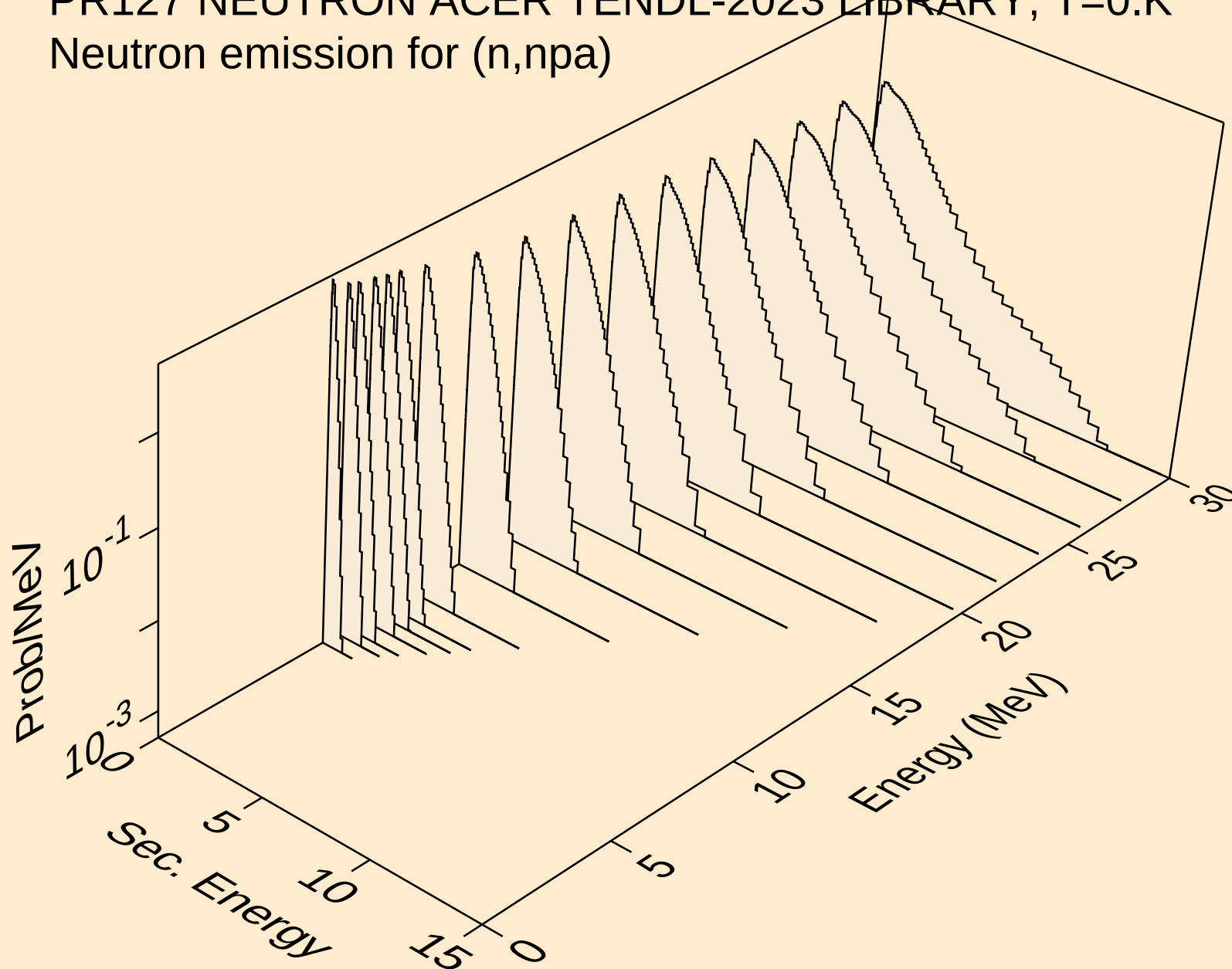
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



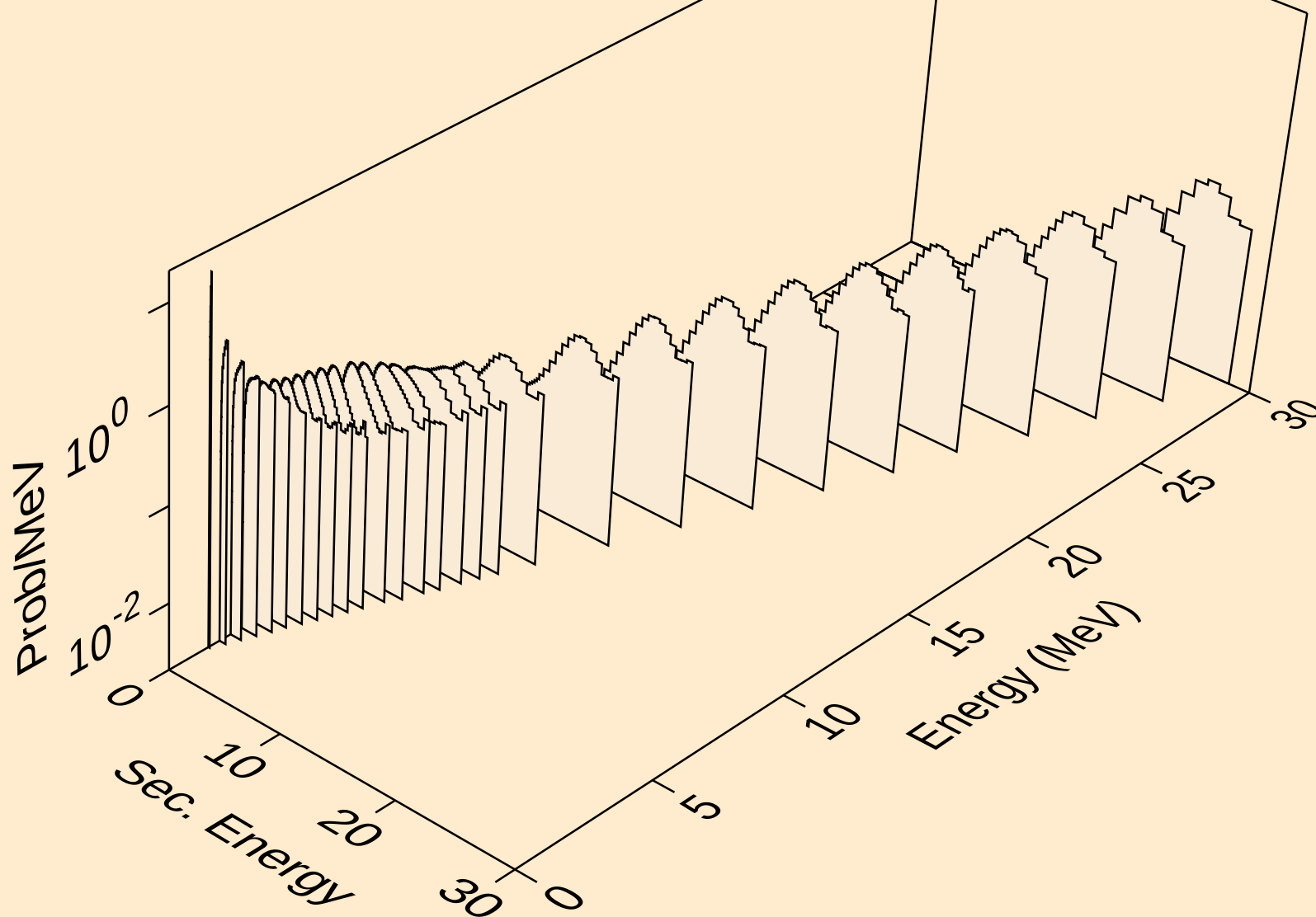
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Neutron emission for (n,n2p)



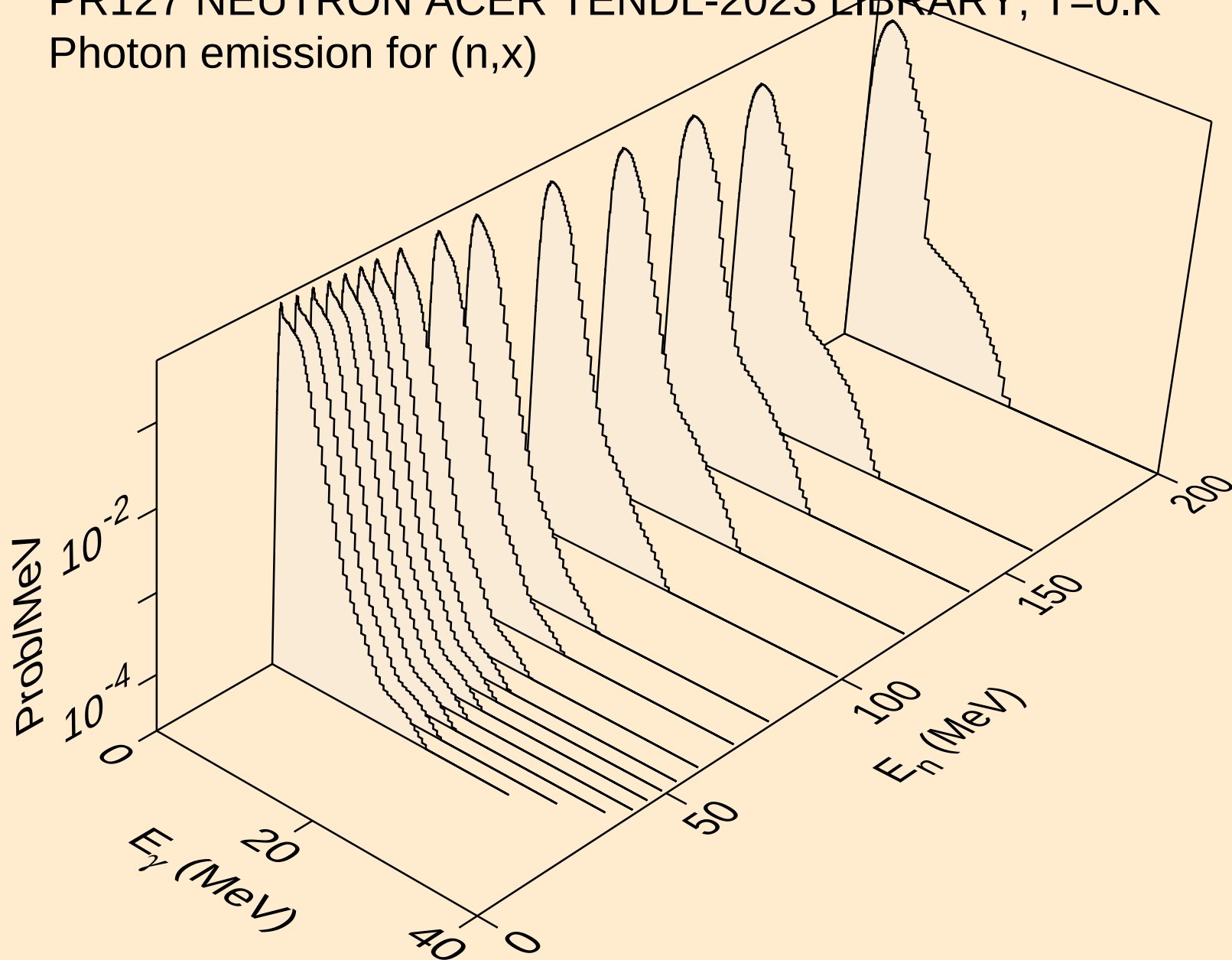
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Neutron emission for (n,npa)



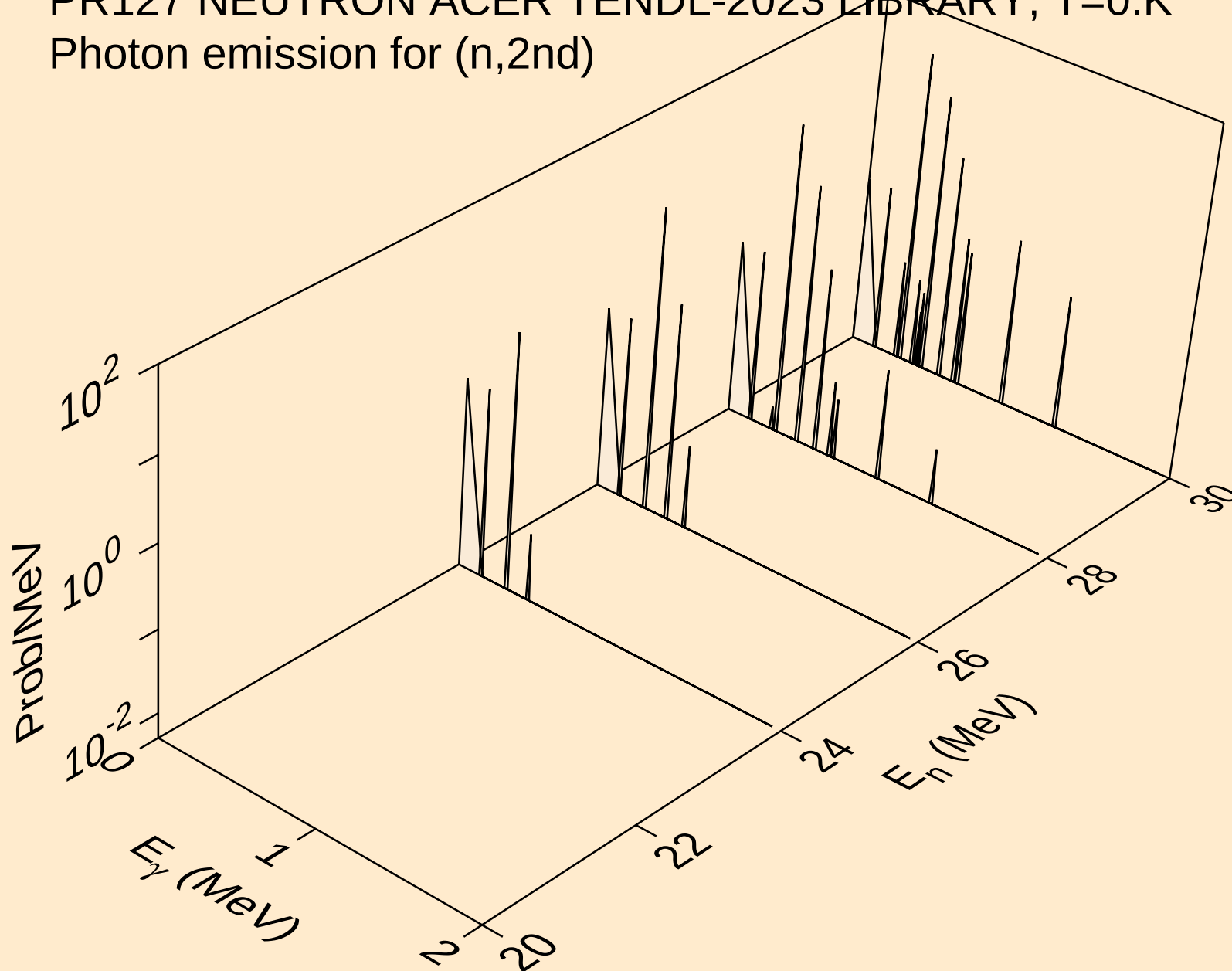
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Neutron emission for (n,n*c)



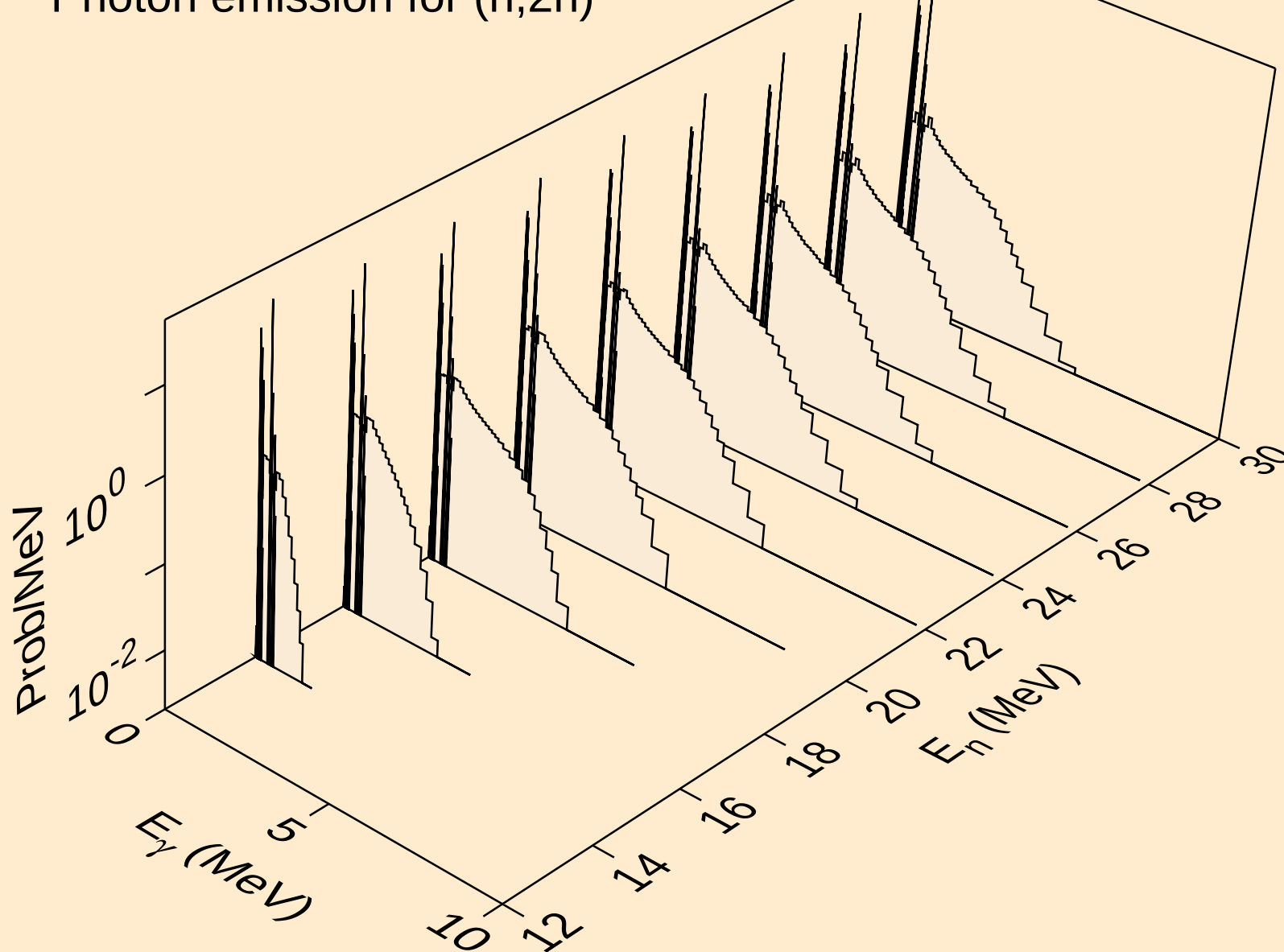
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



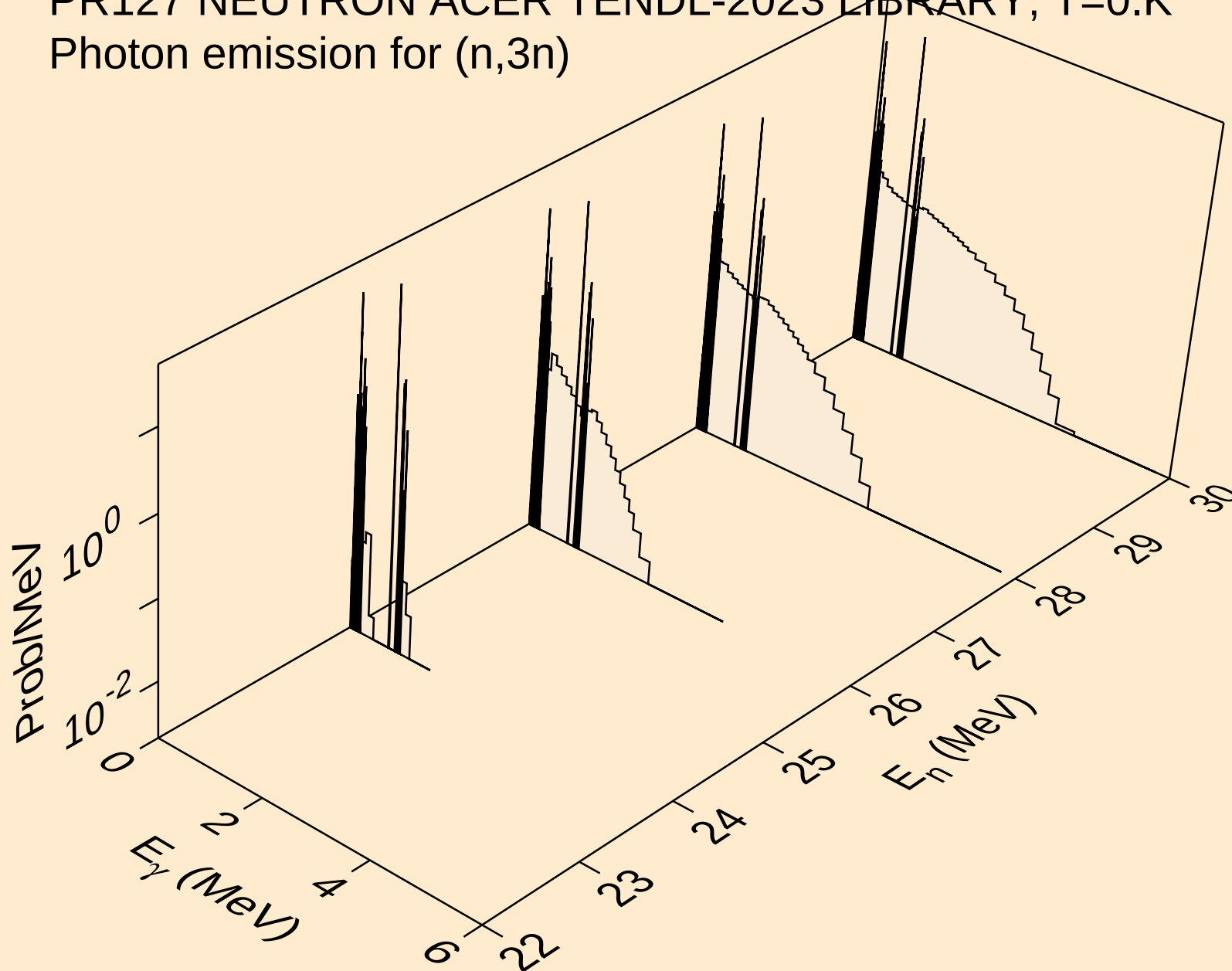
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

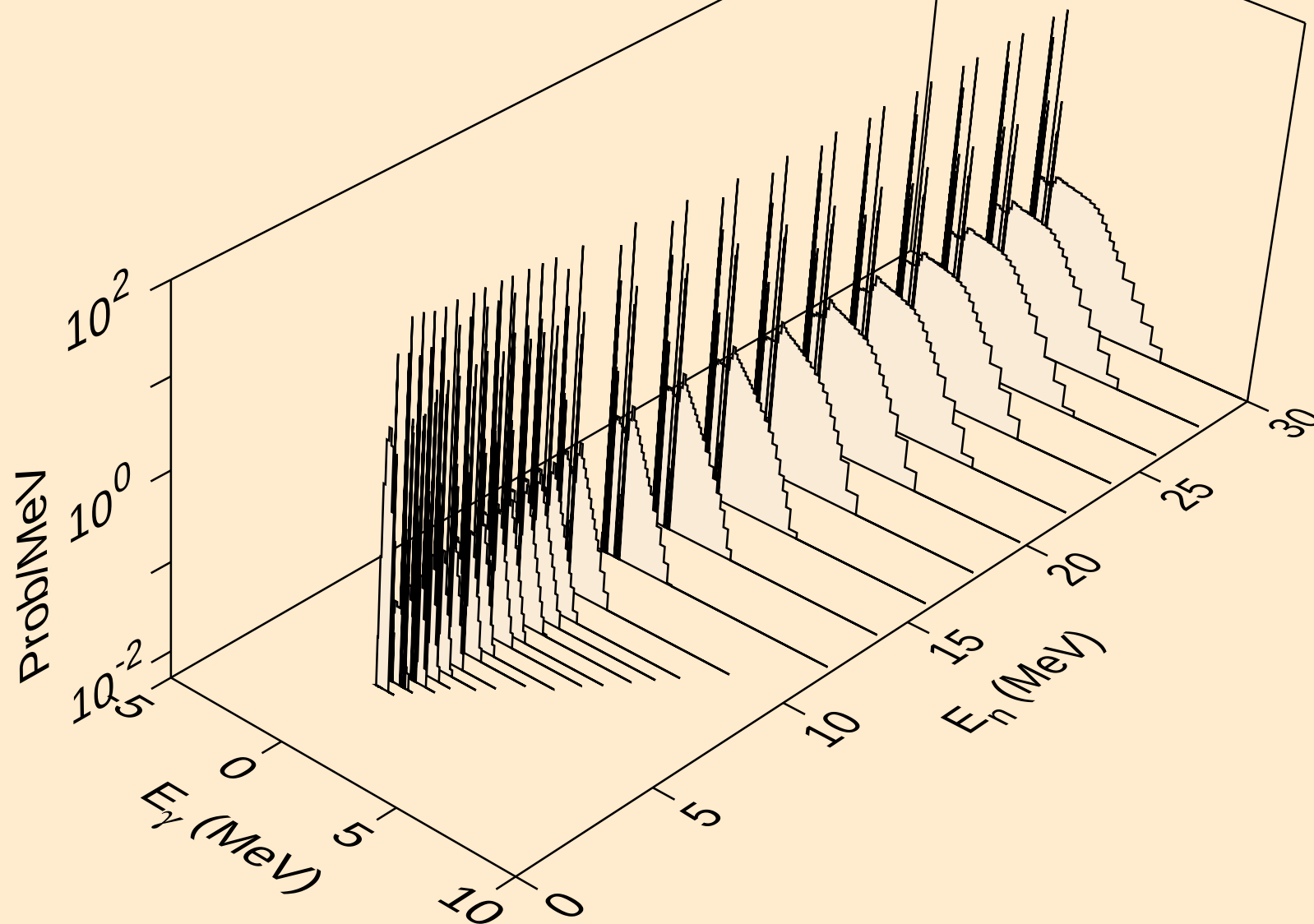


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)

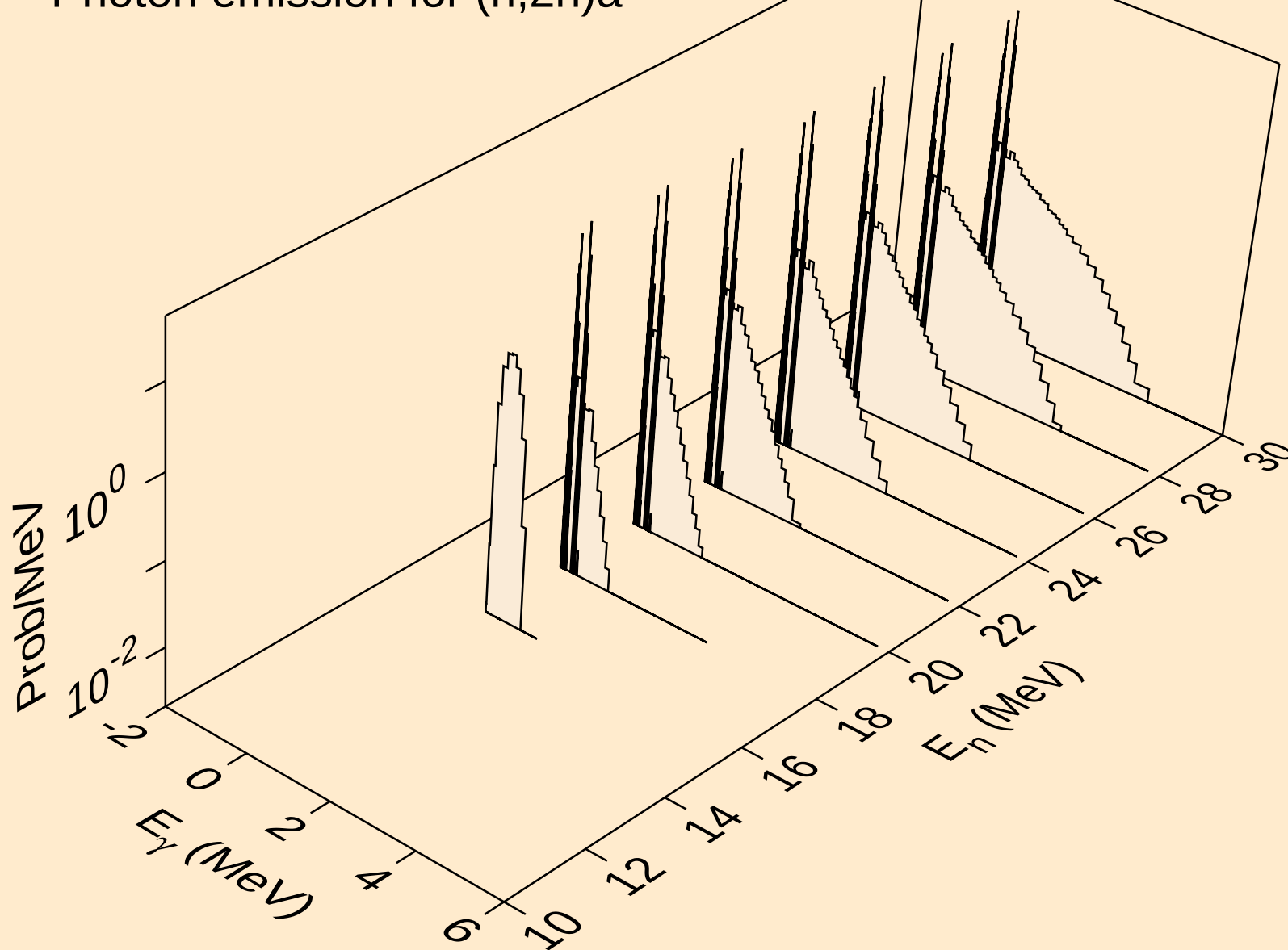


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

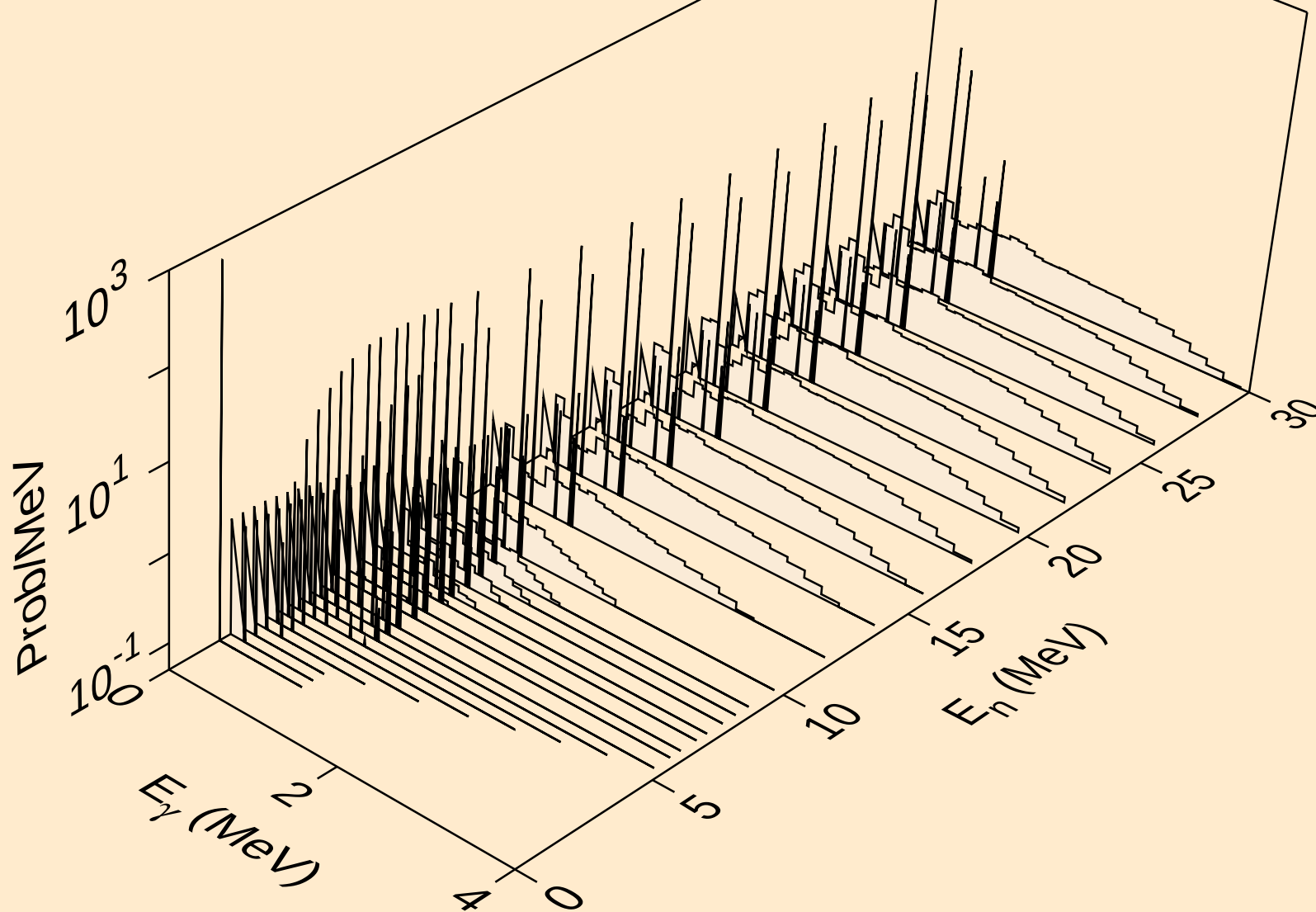
Photon emission for (n,n*)a



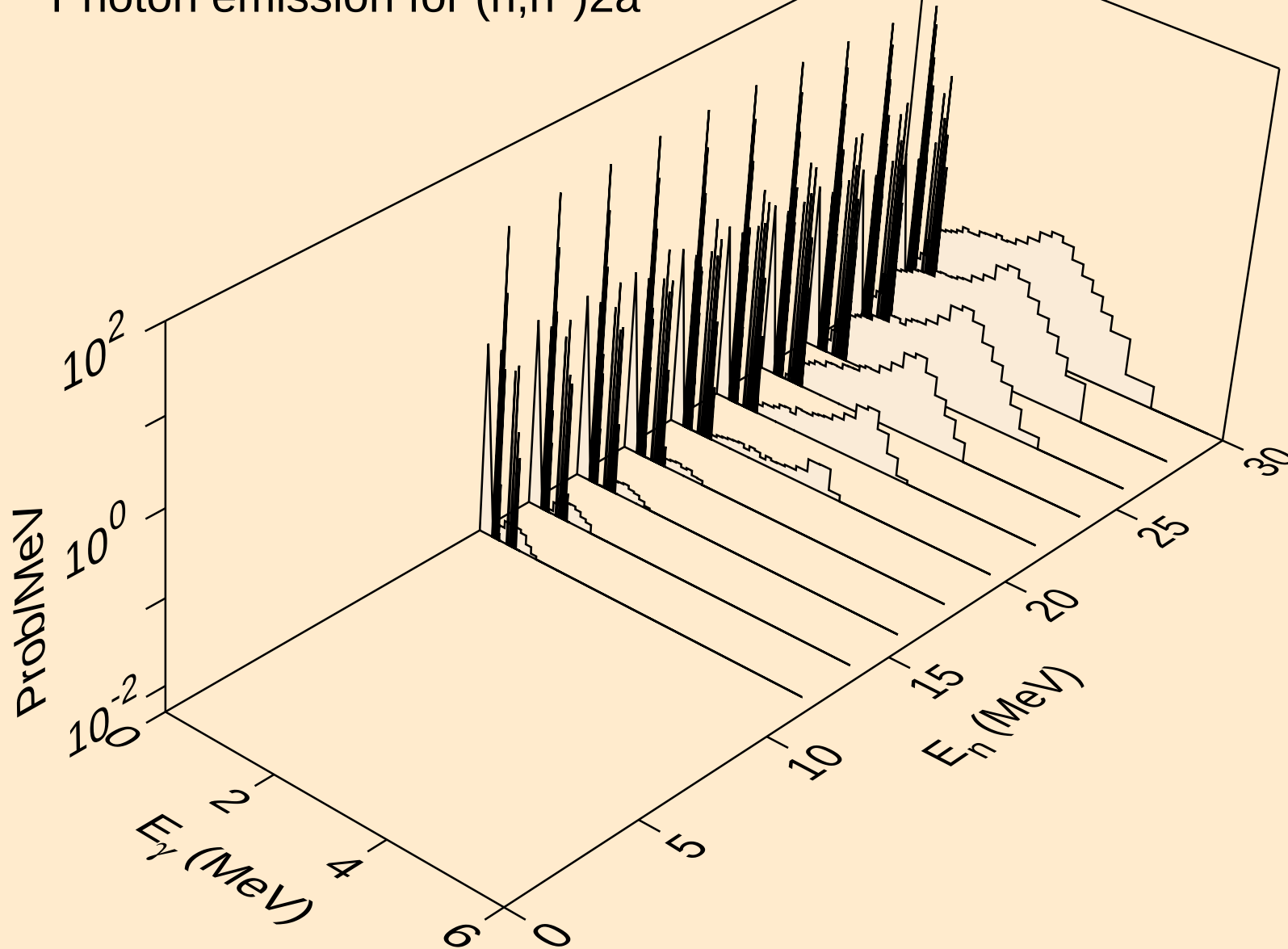
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p

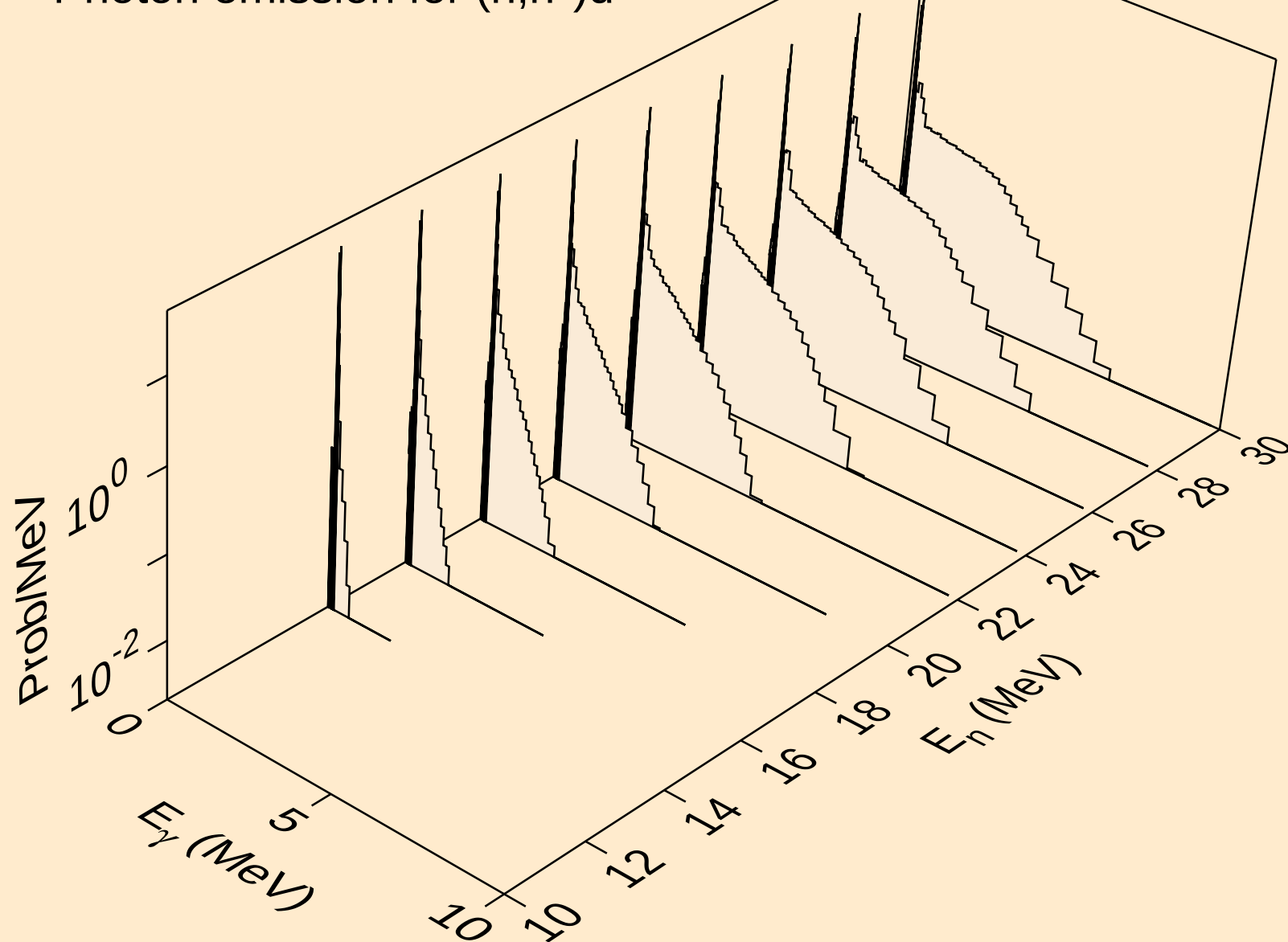


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



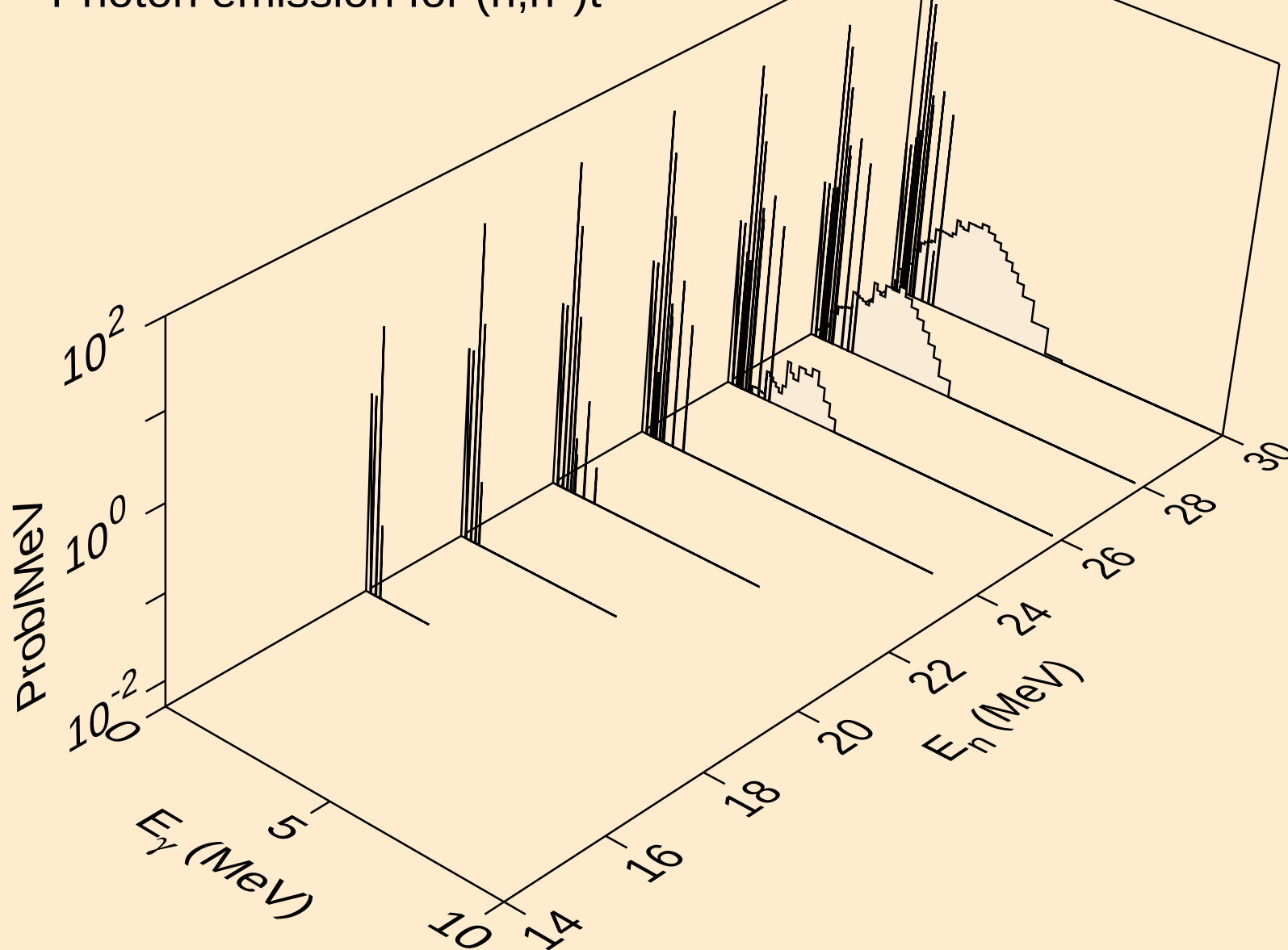
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

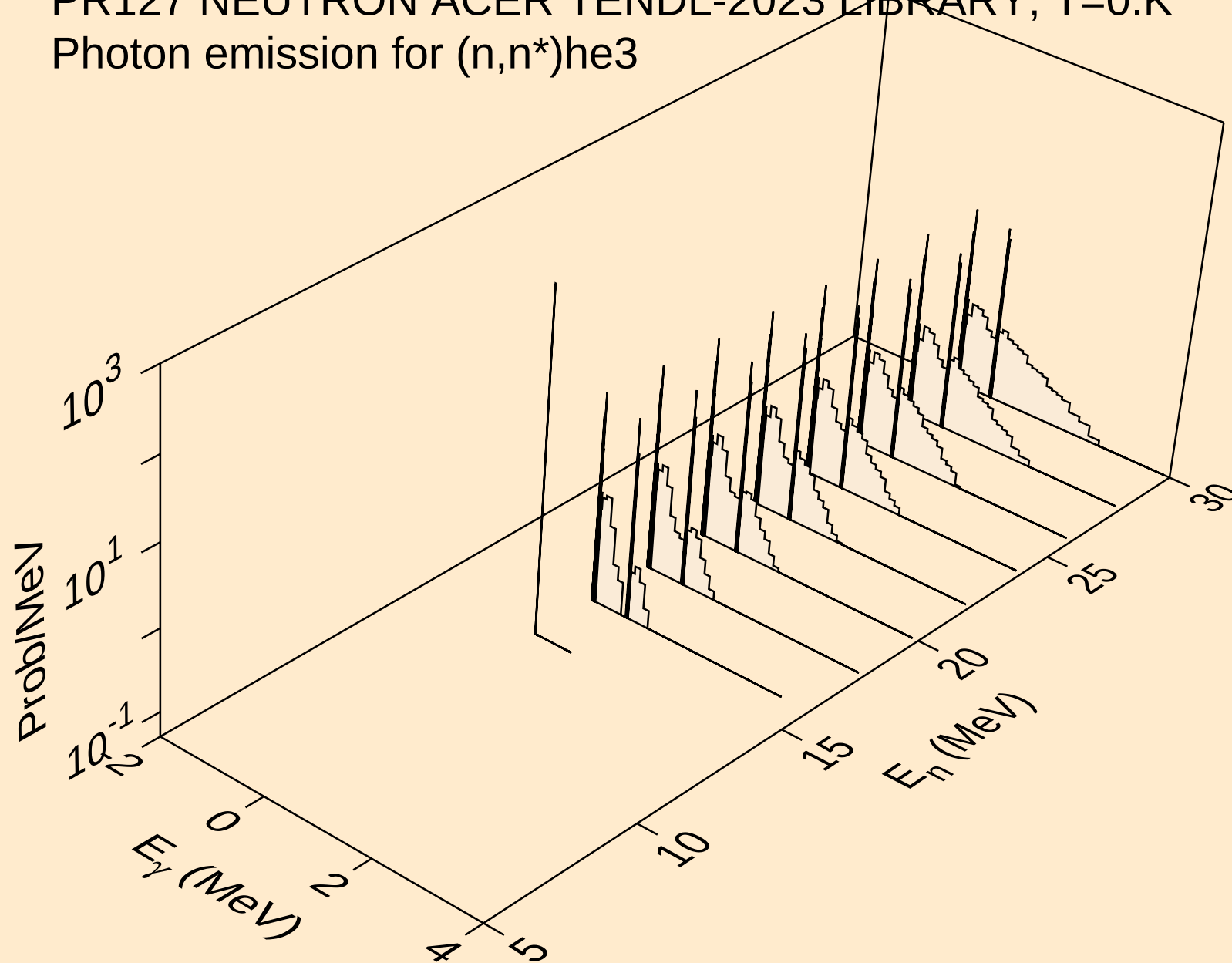


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

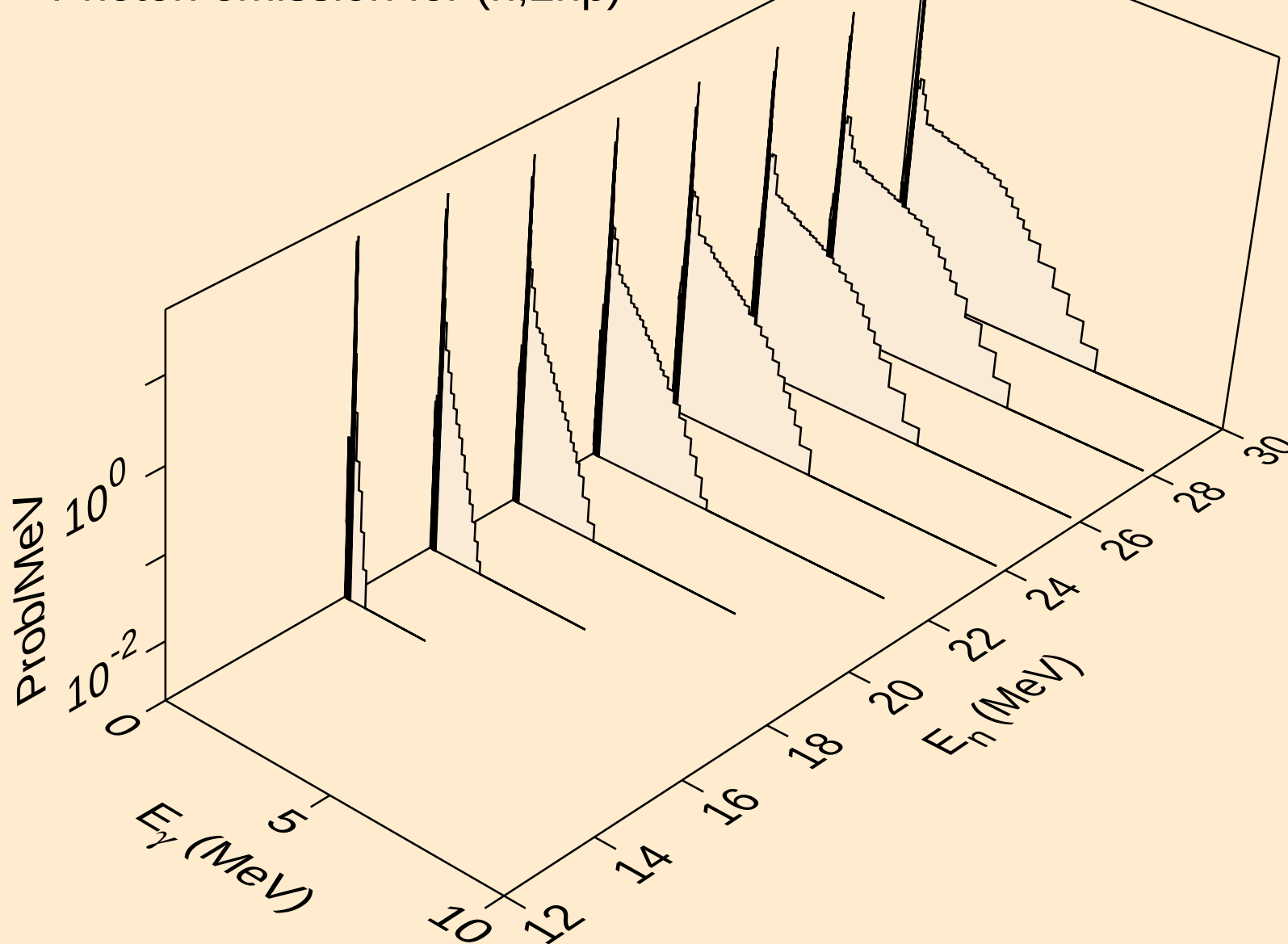
Photon emission for (n,n*)t



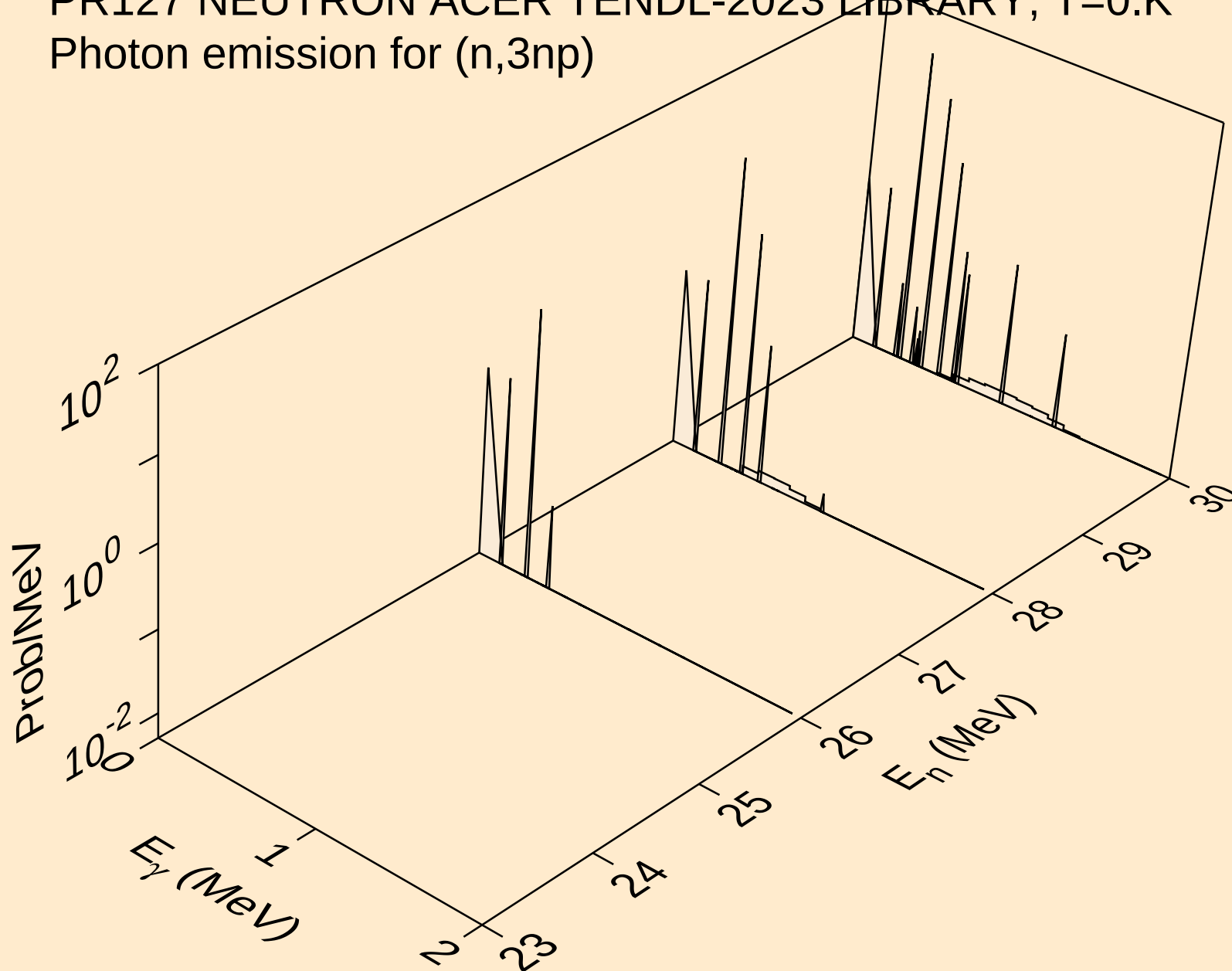
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



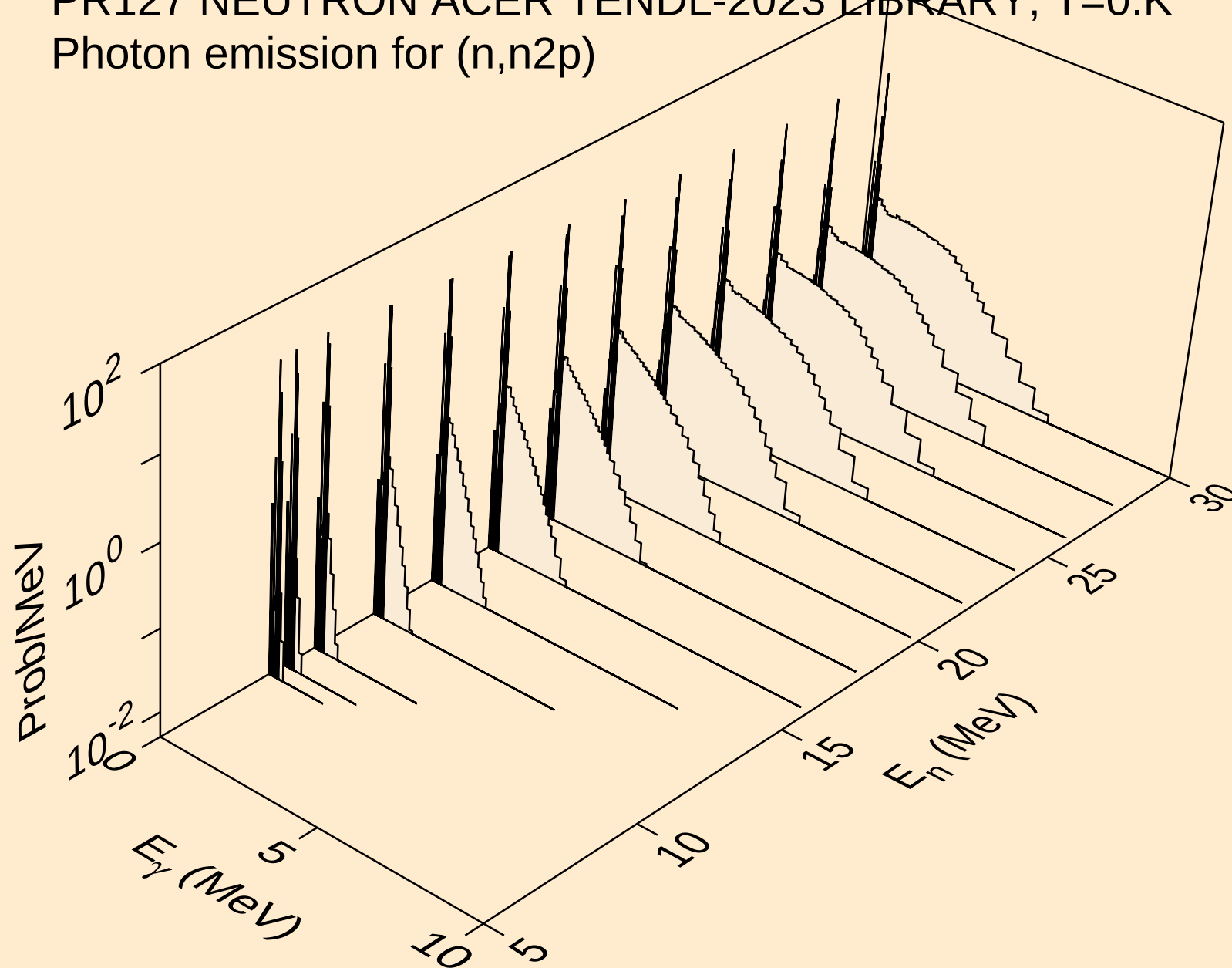
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



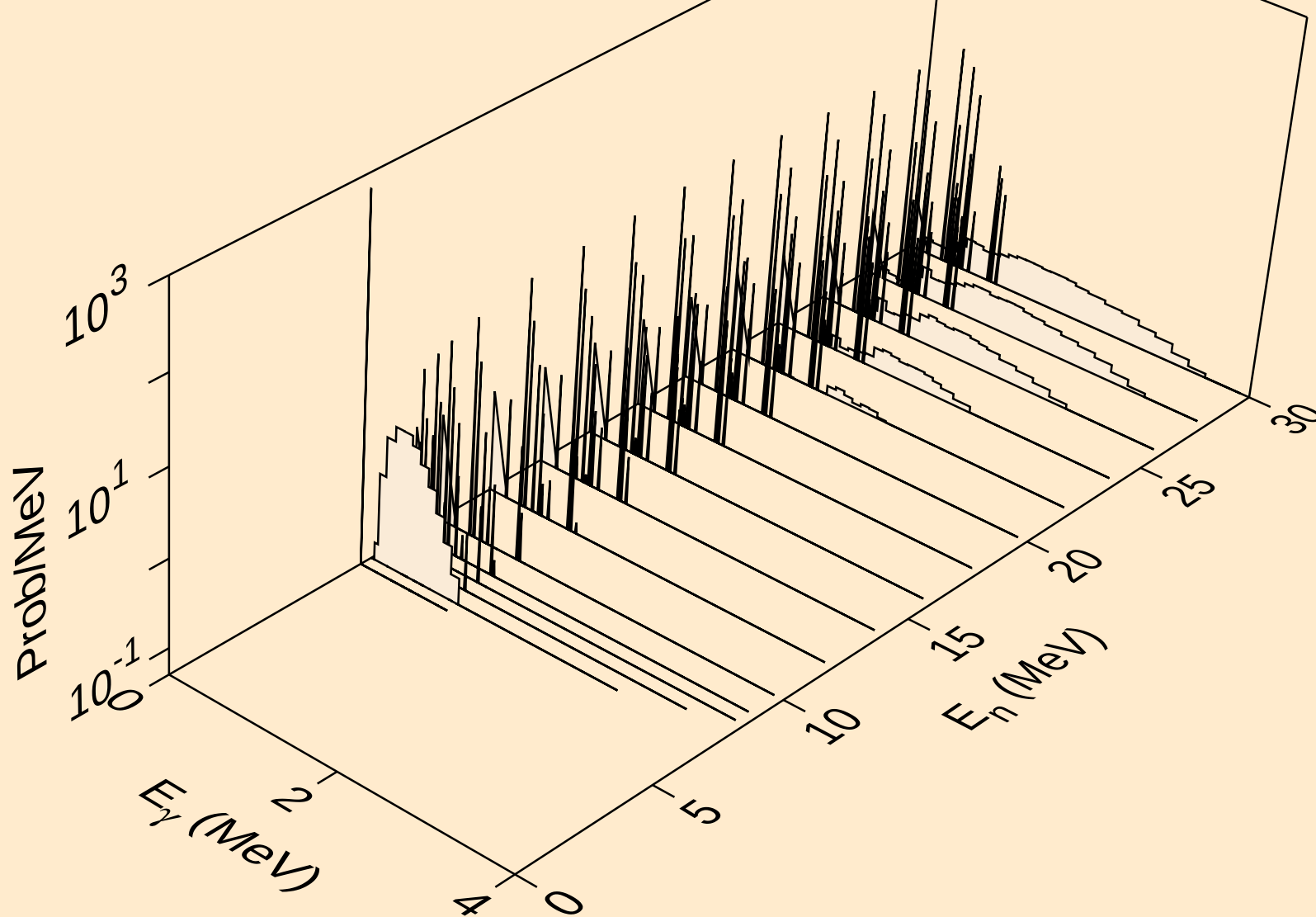
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



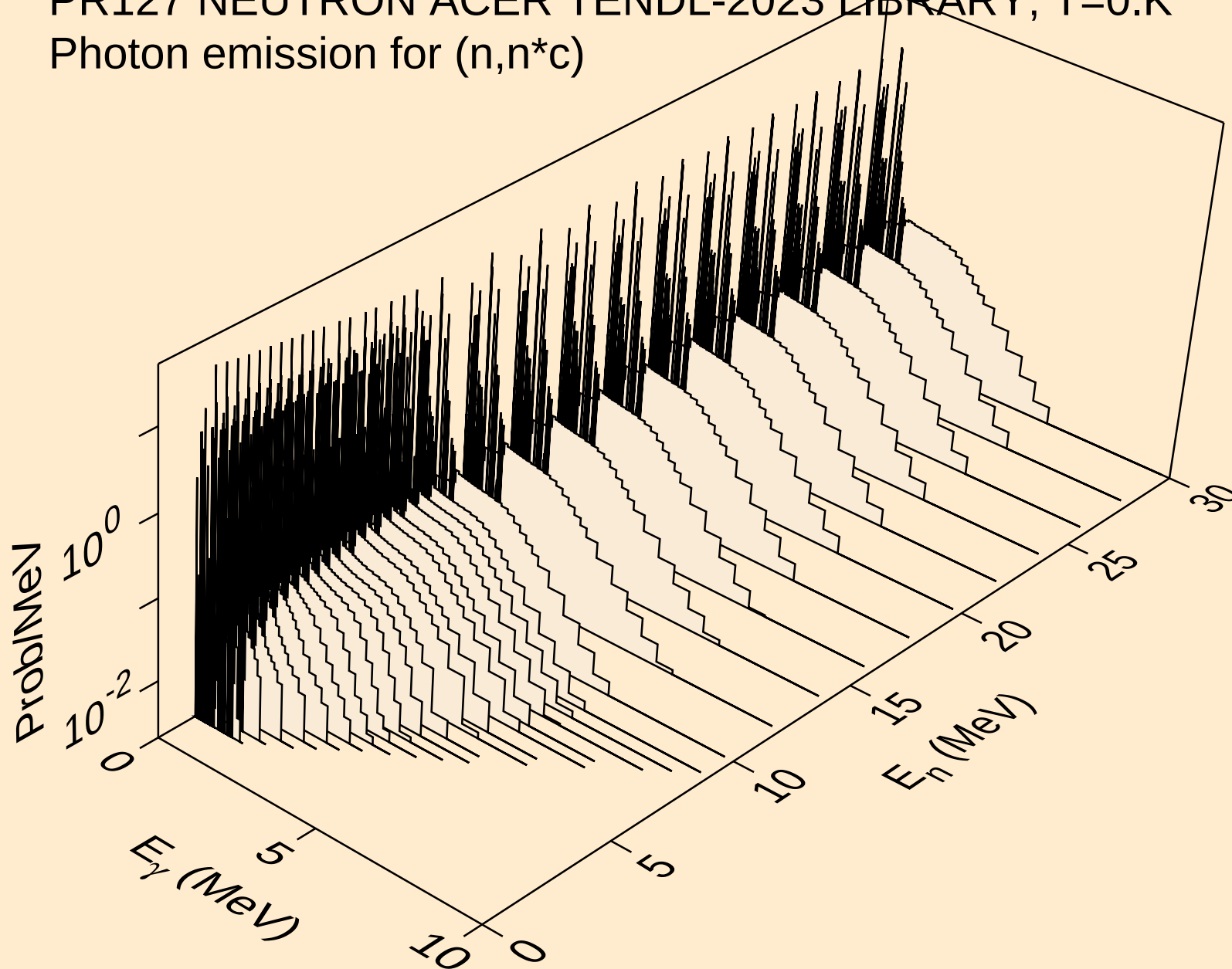
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



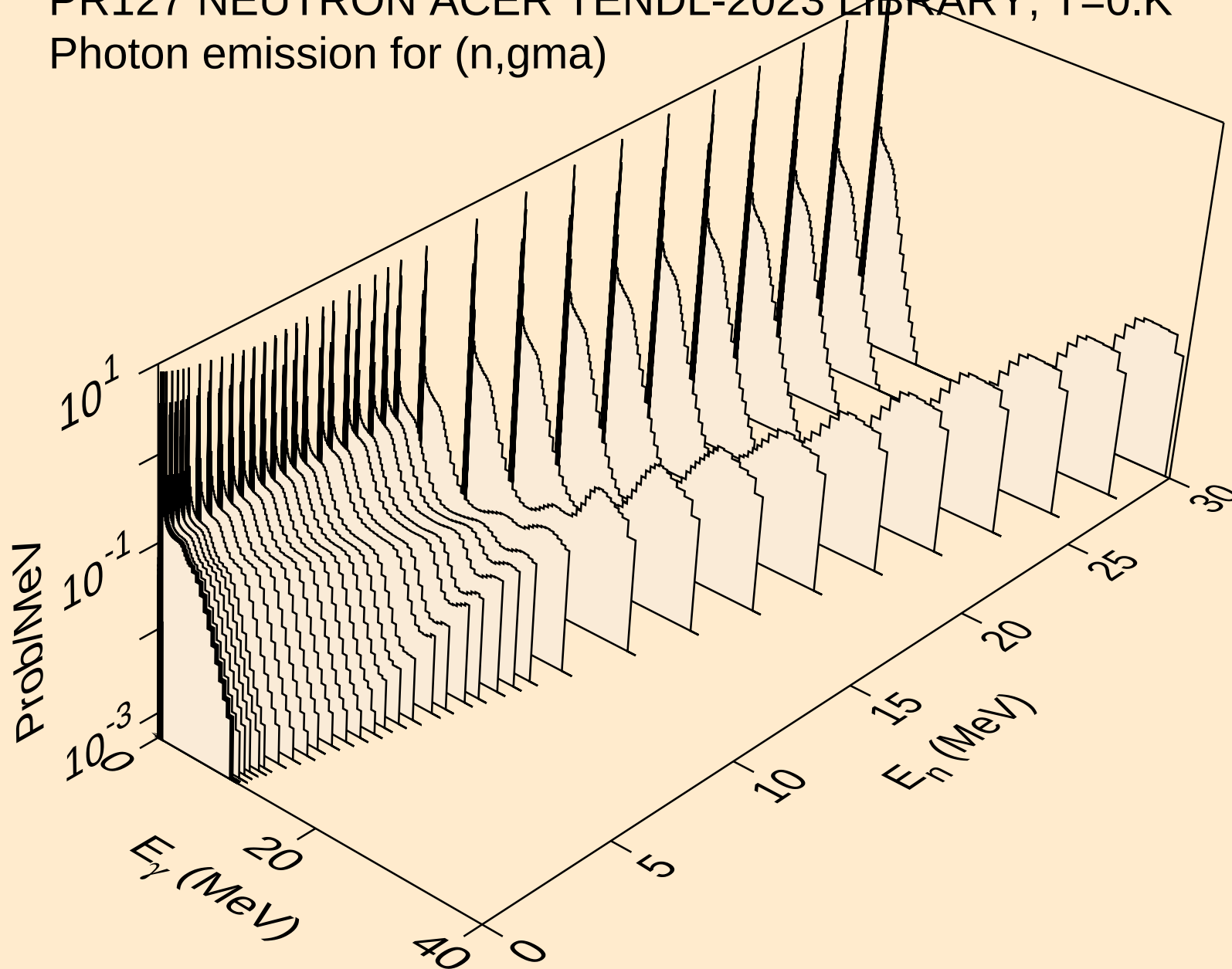
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



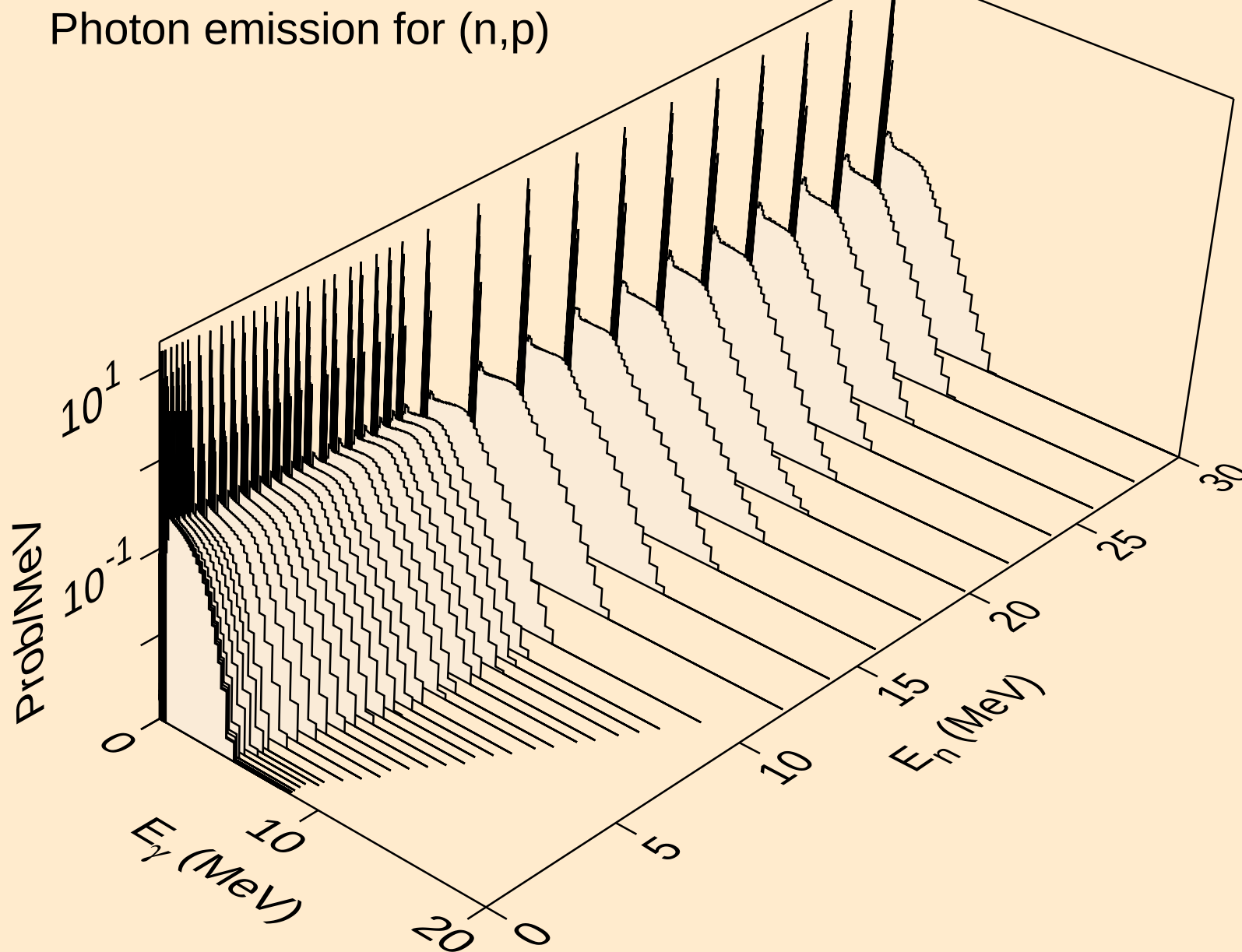
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



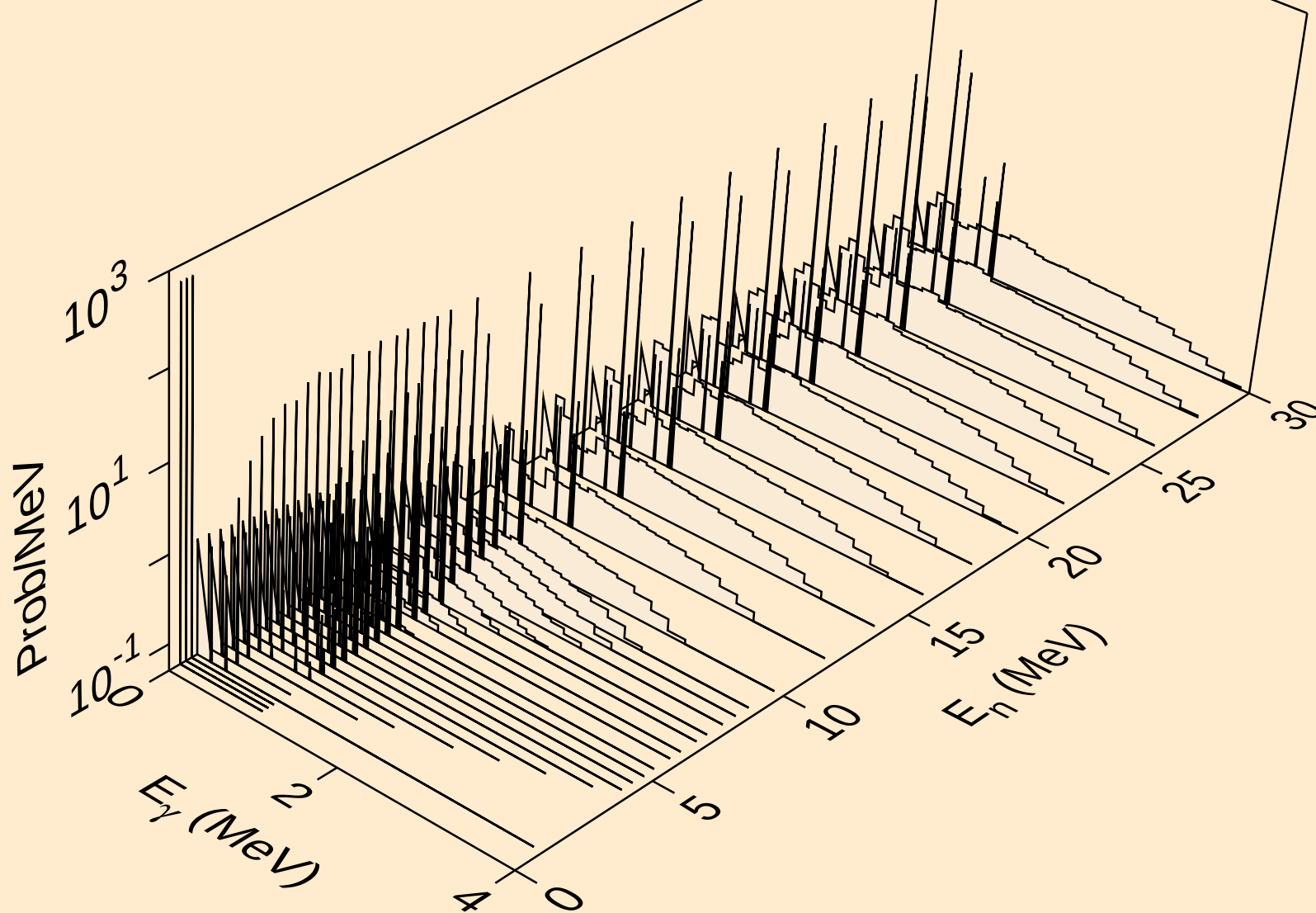
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



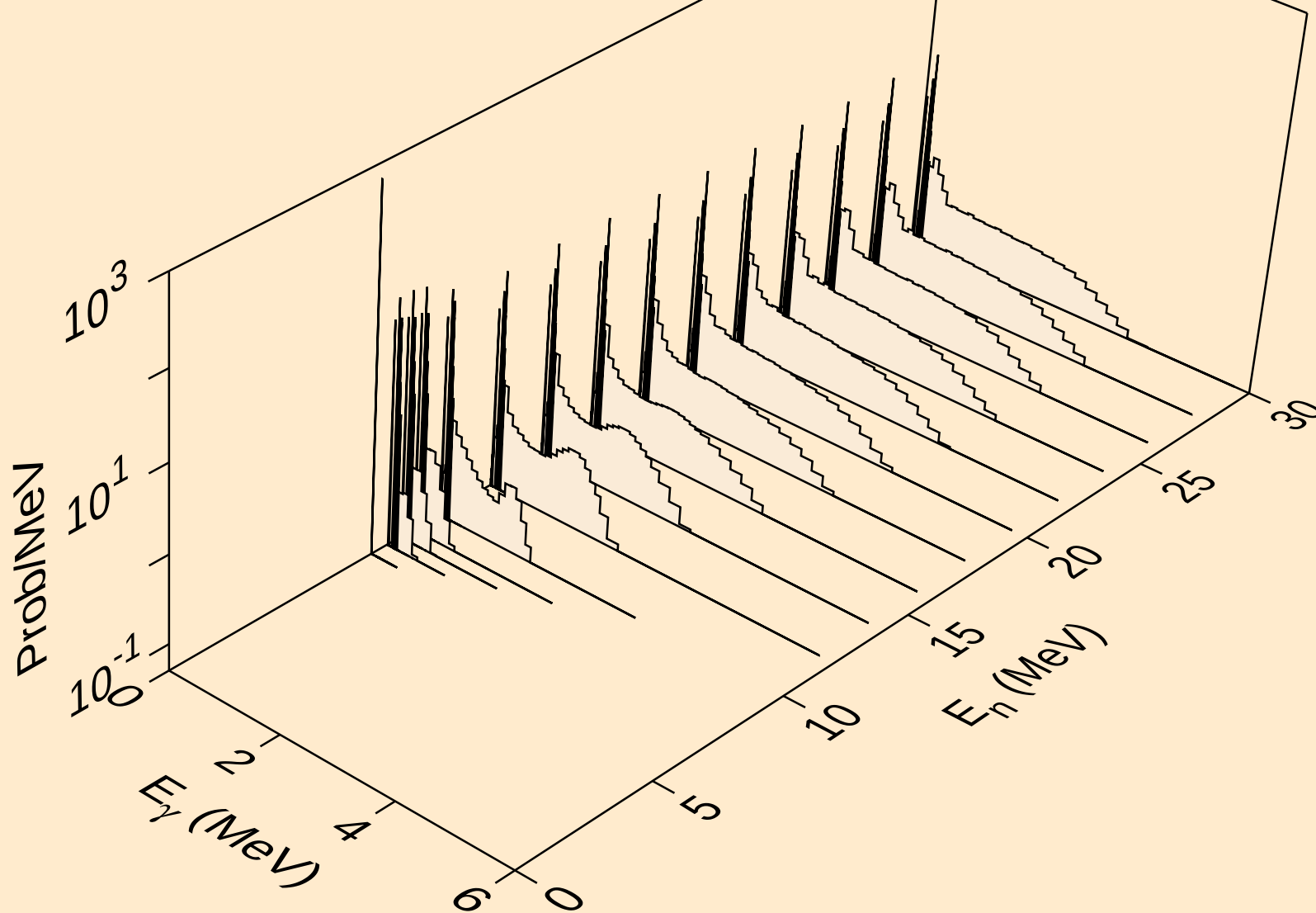
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



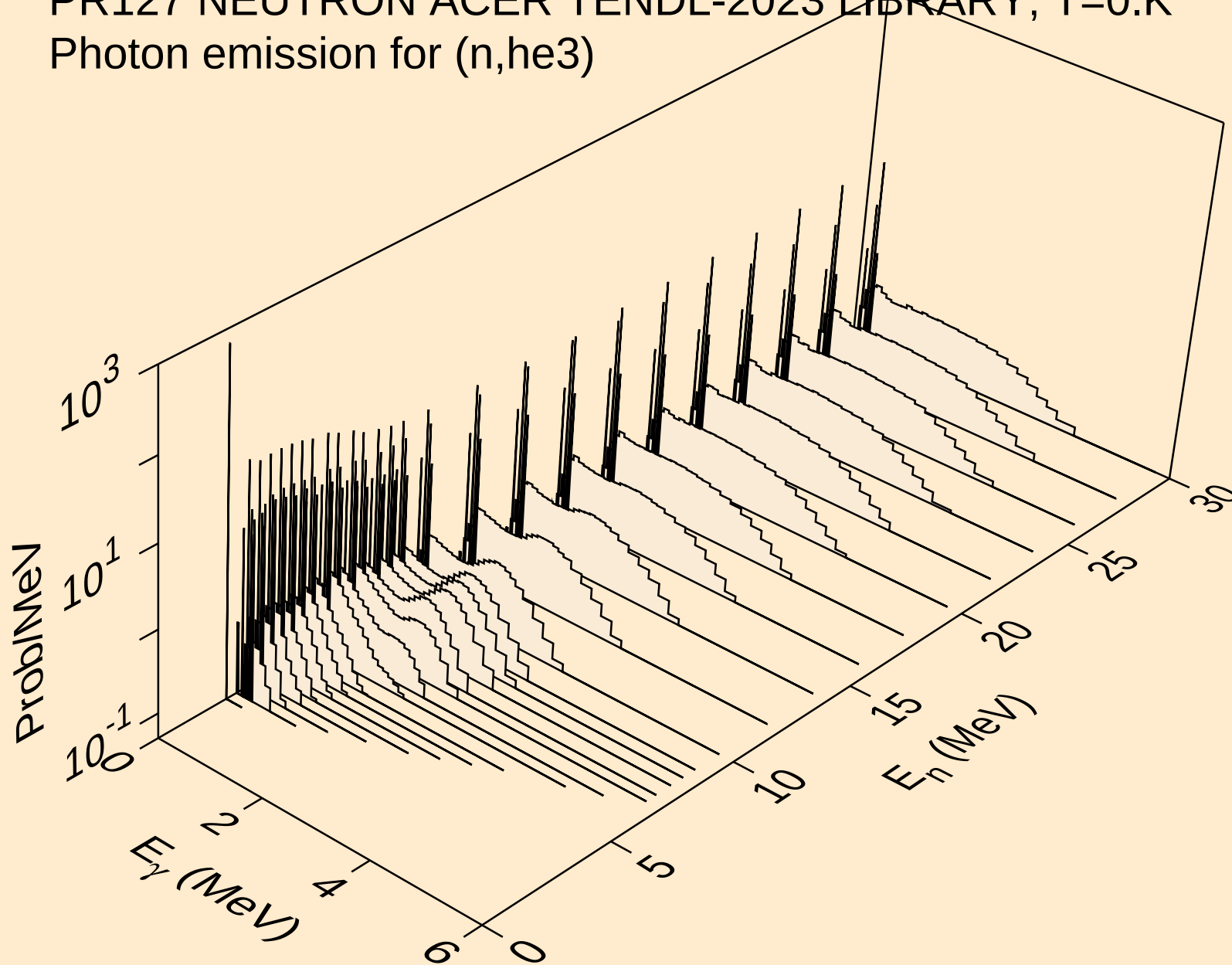
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



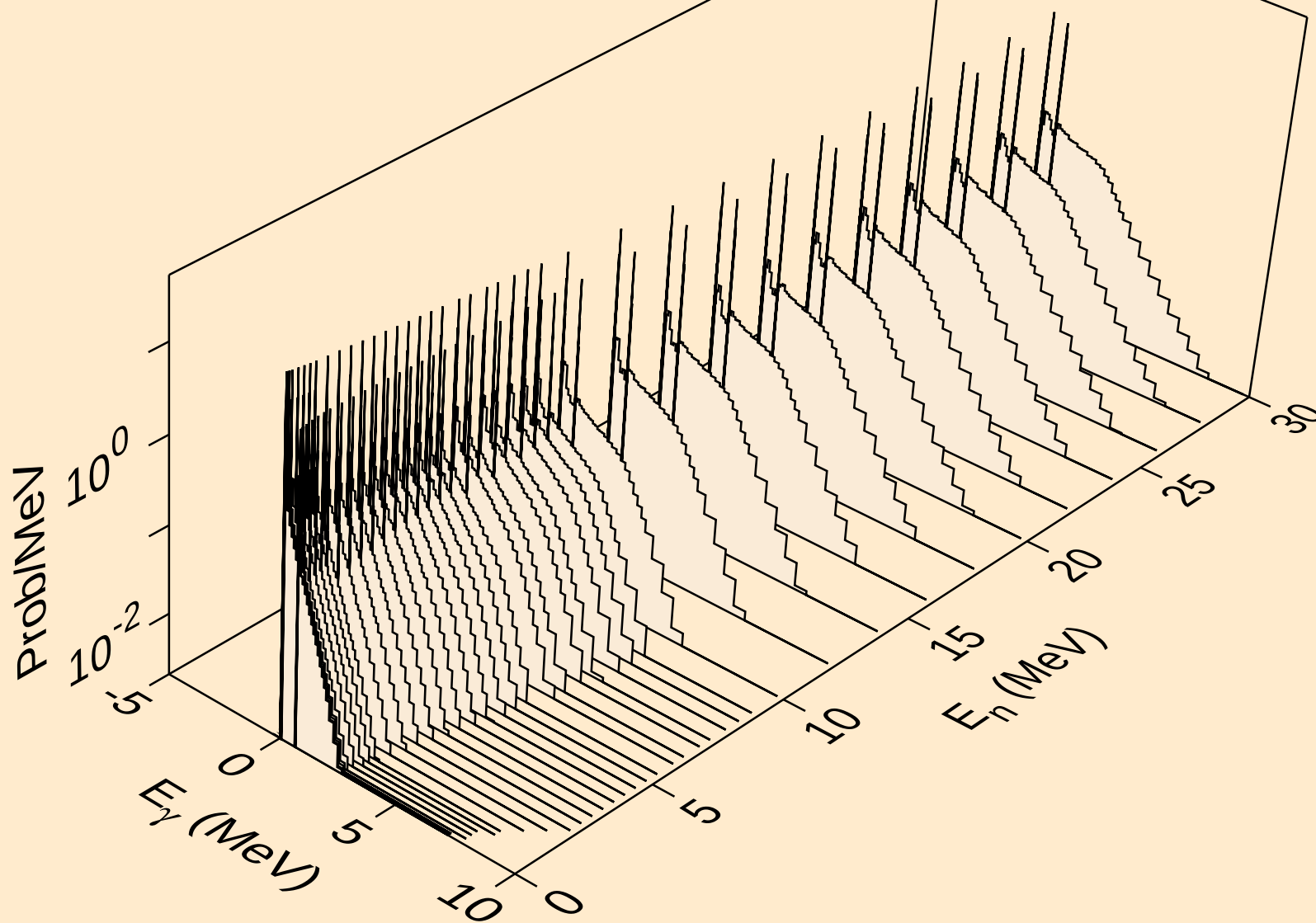
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



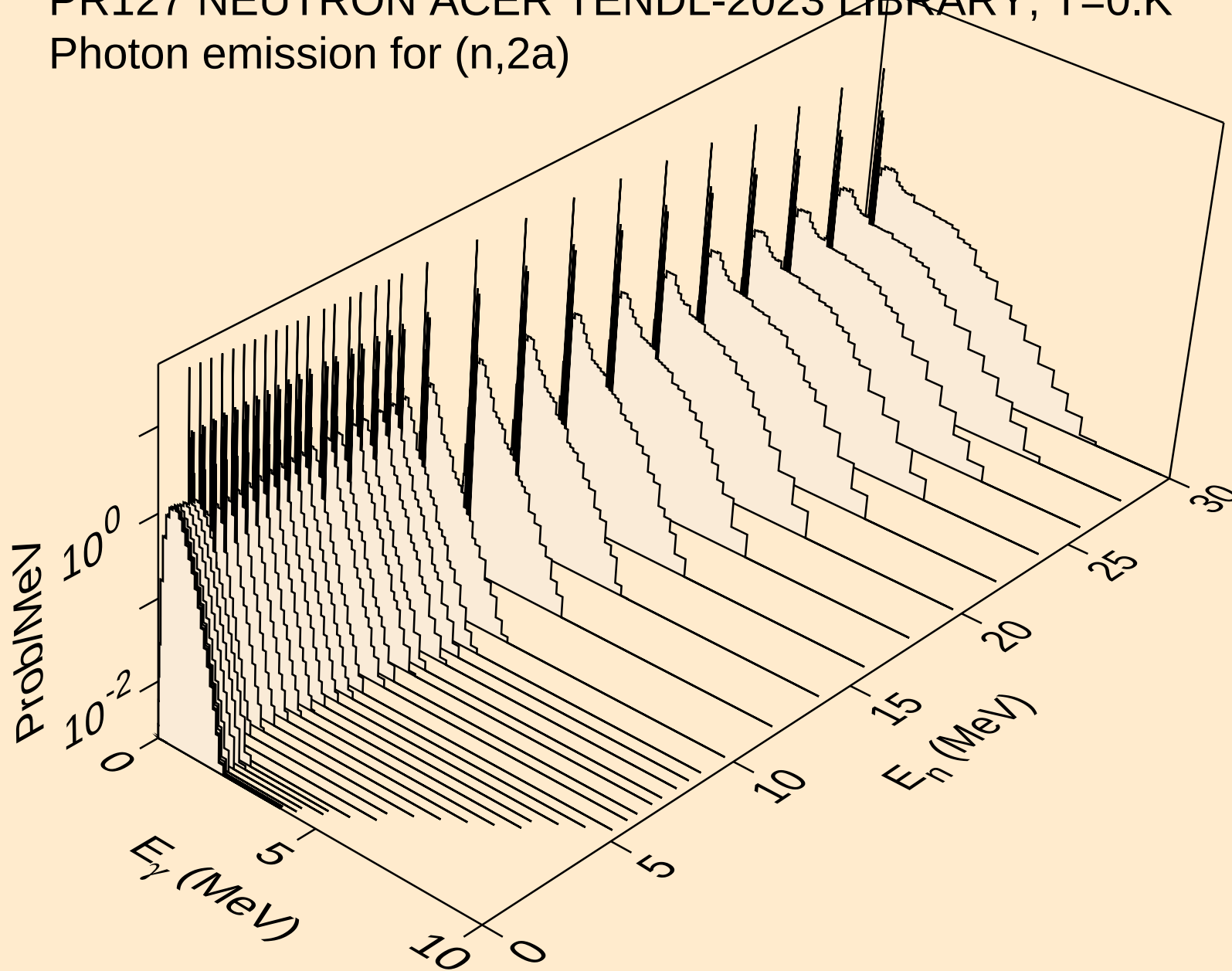
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Photon emission for (n,he3)



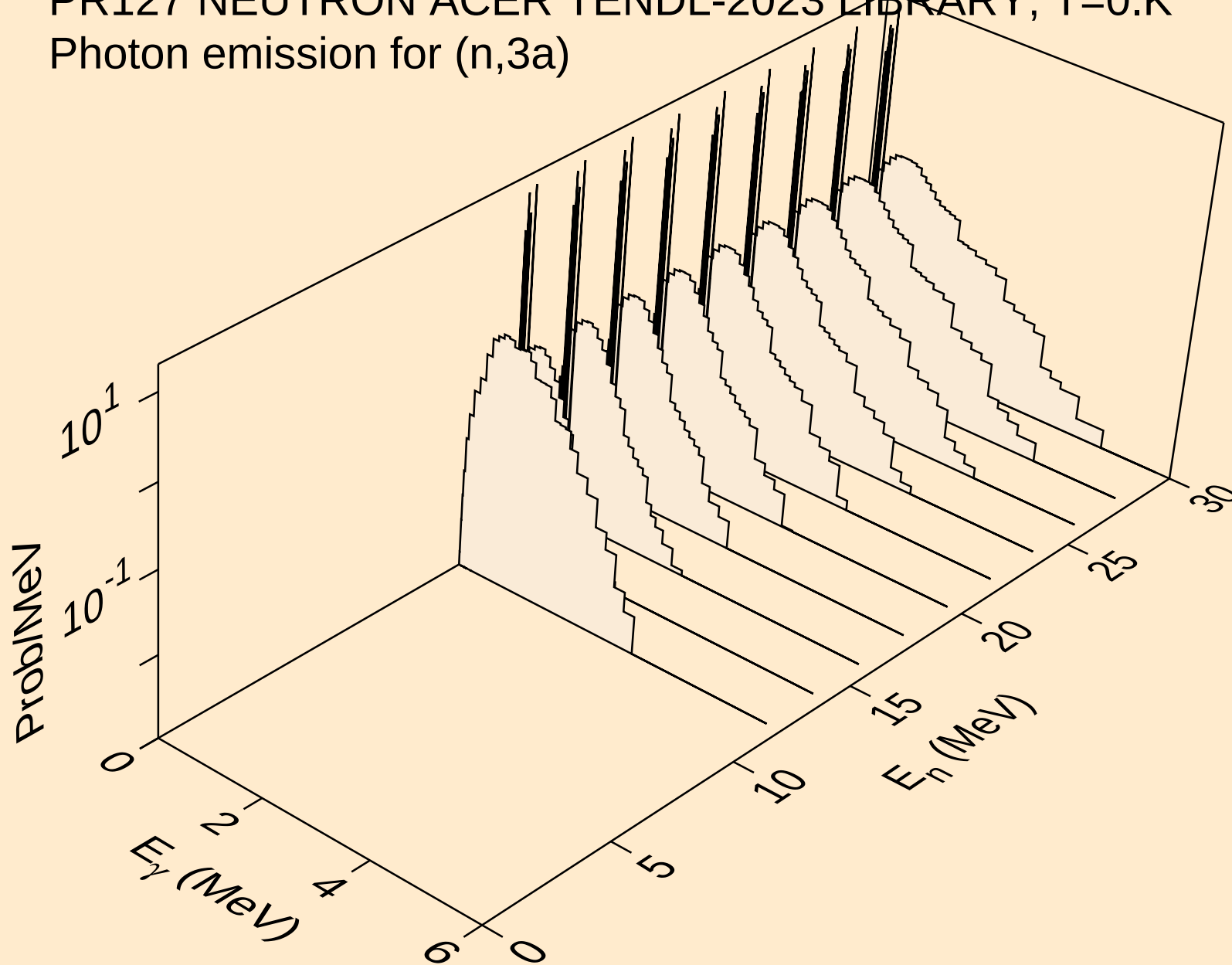
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



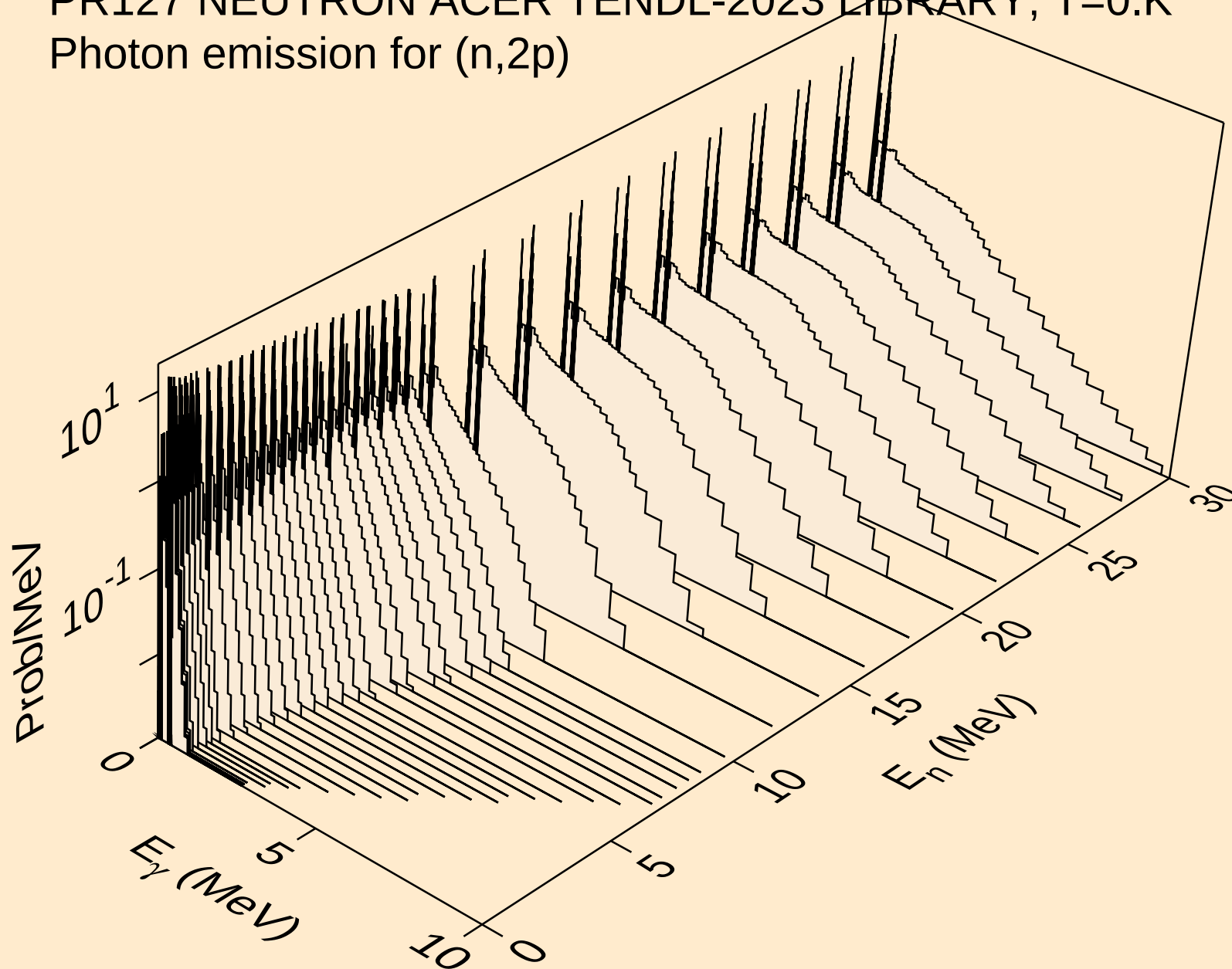
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



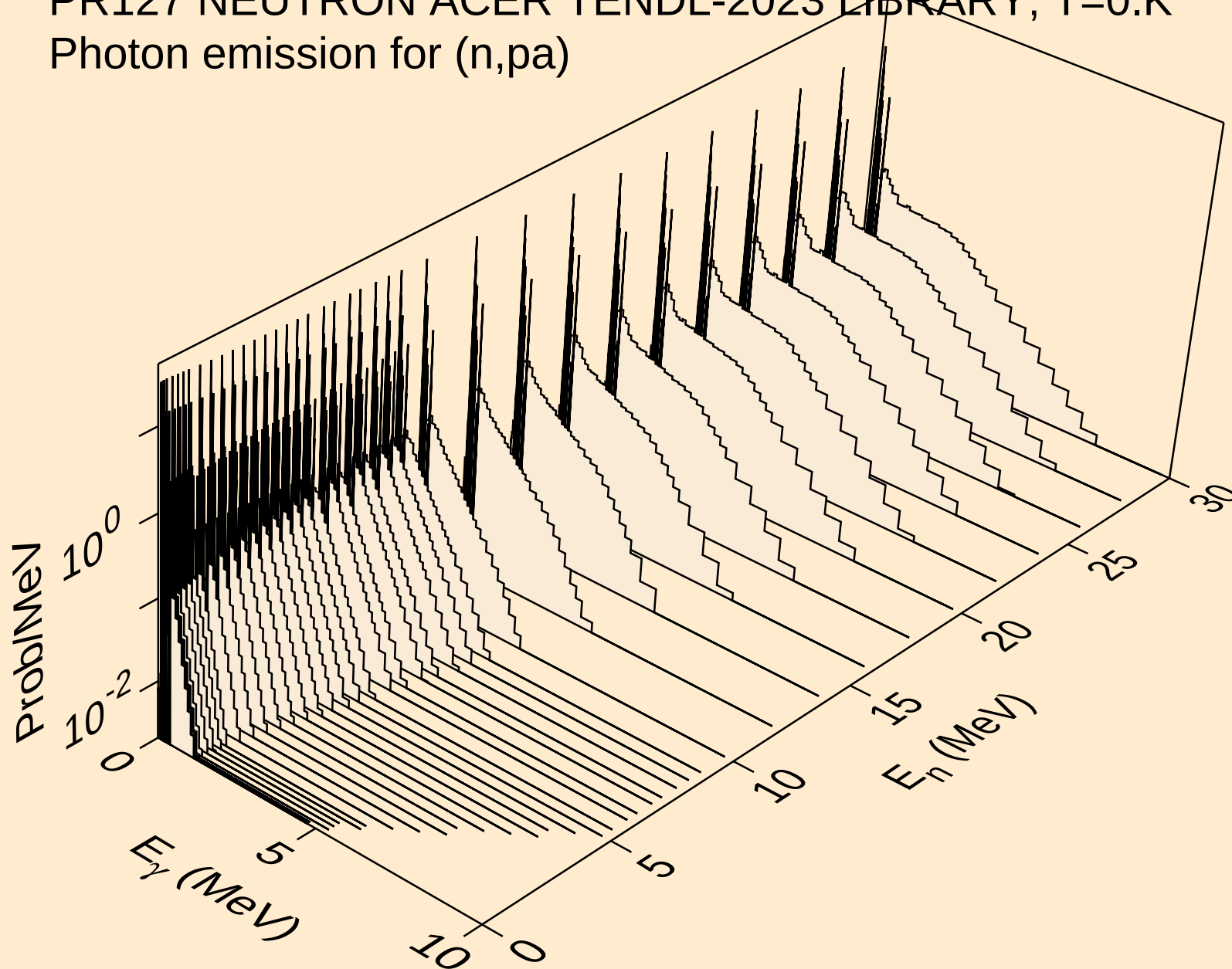
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



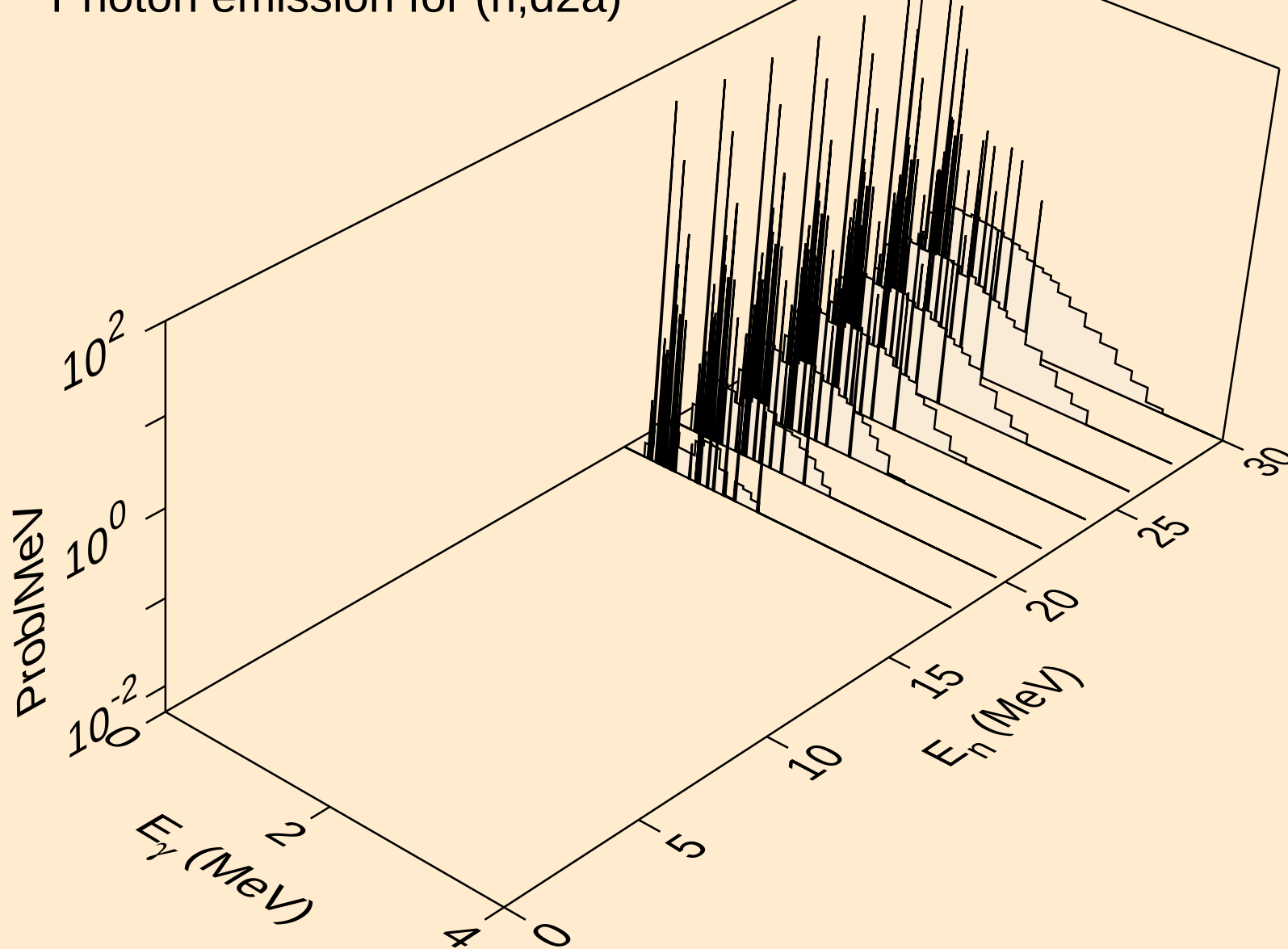
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



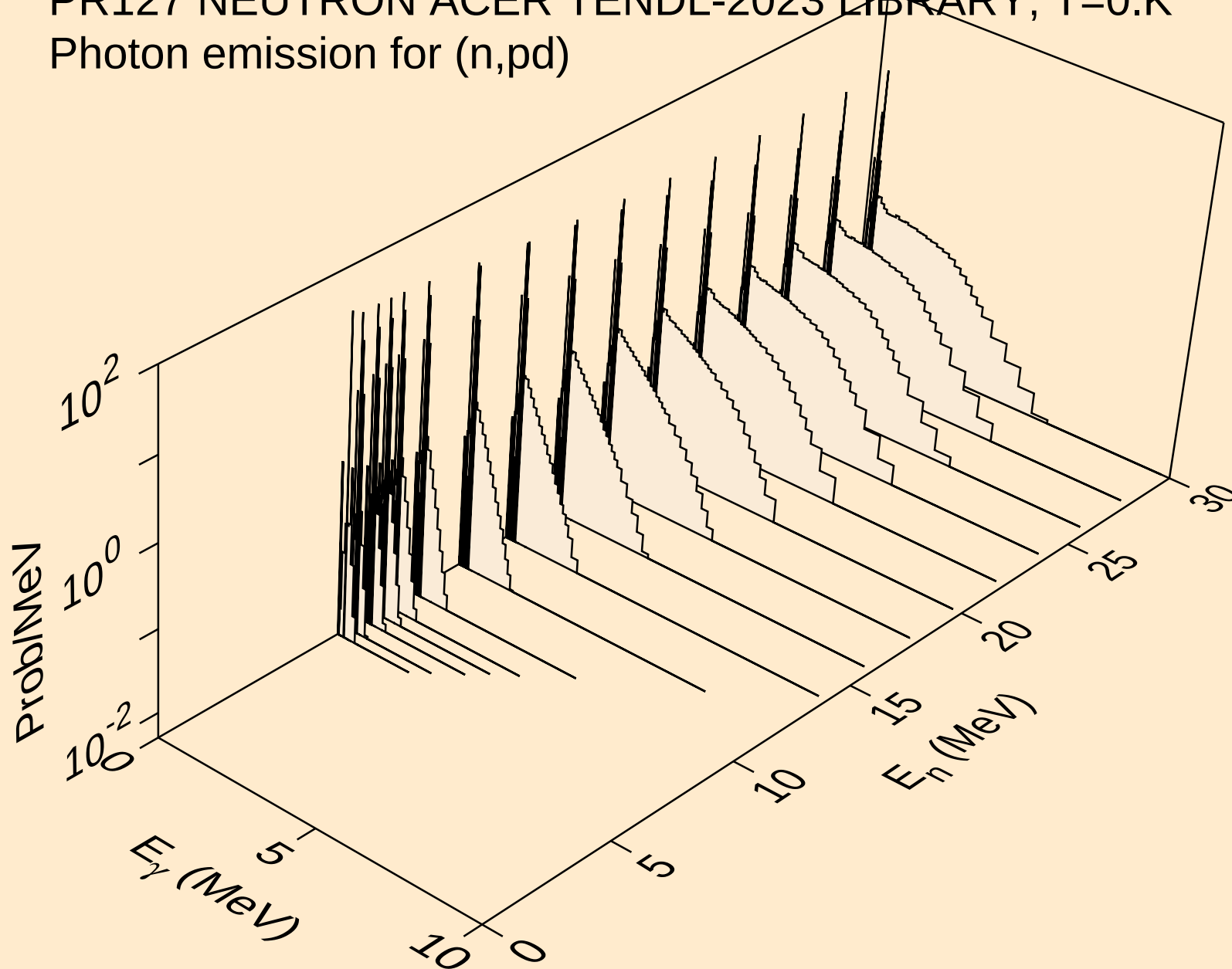
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



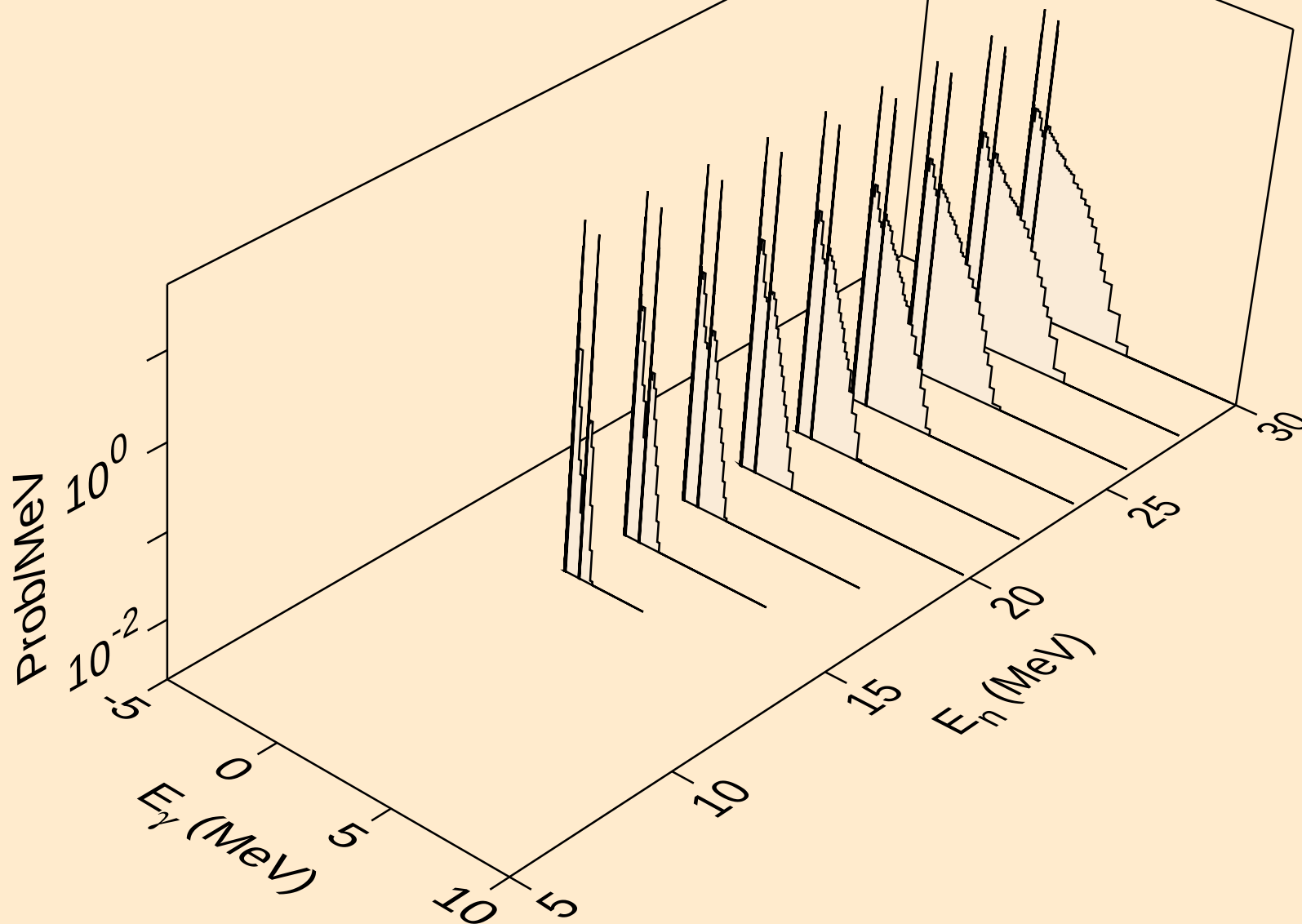
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d2a)



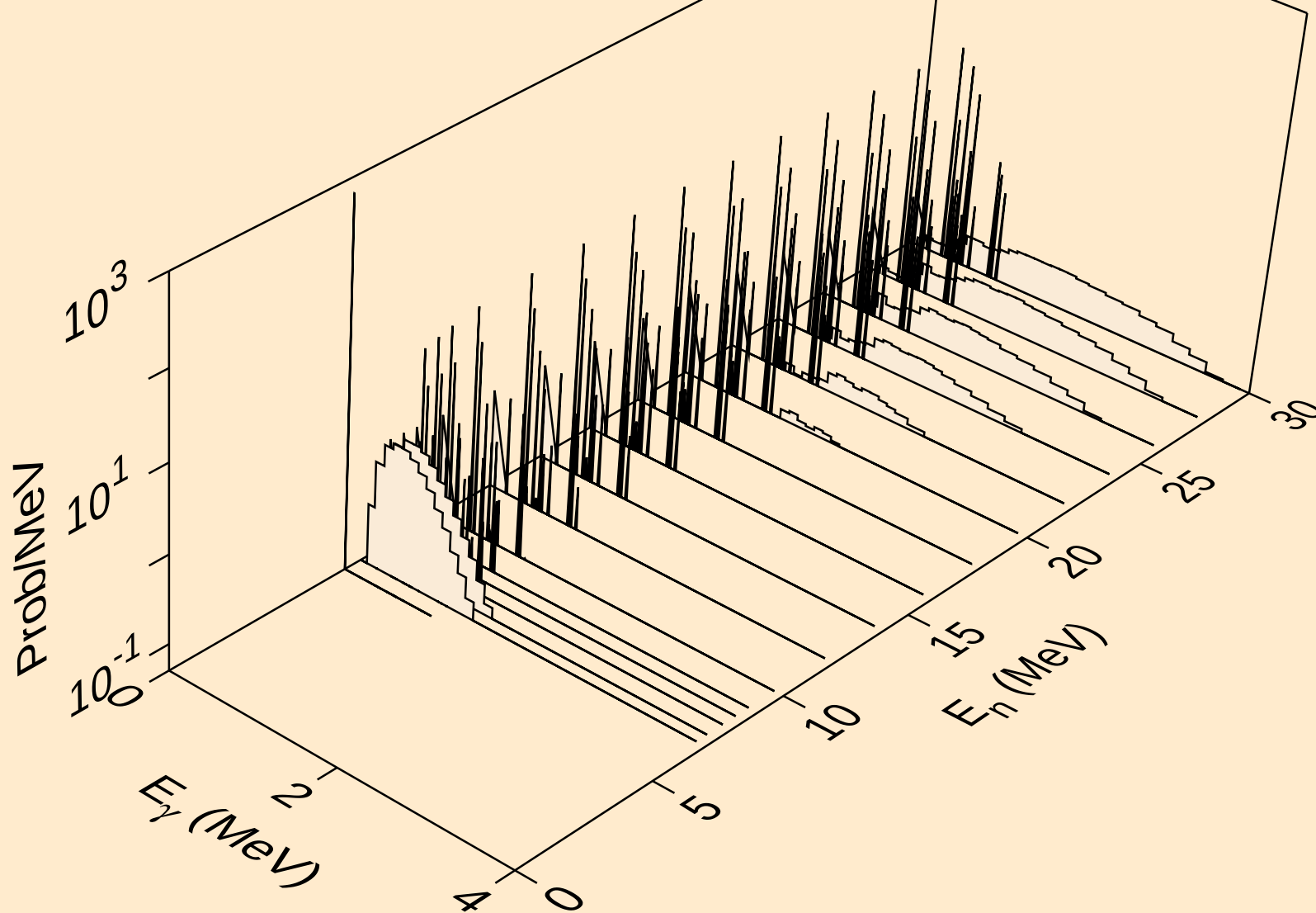
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



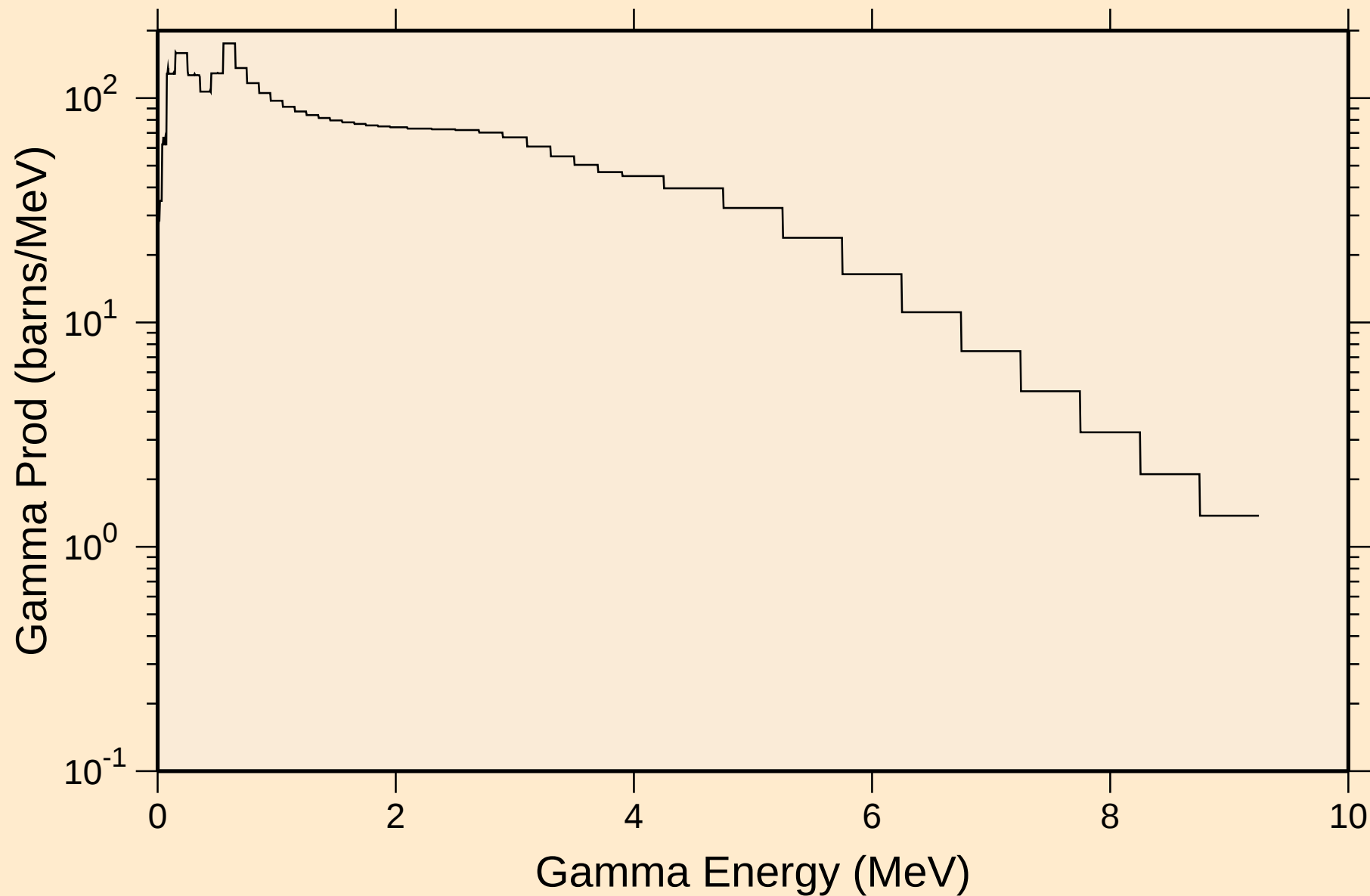
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



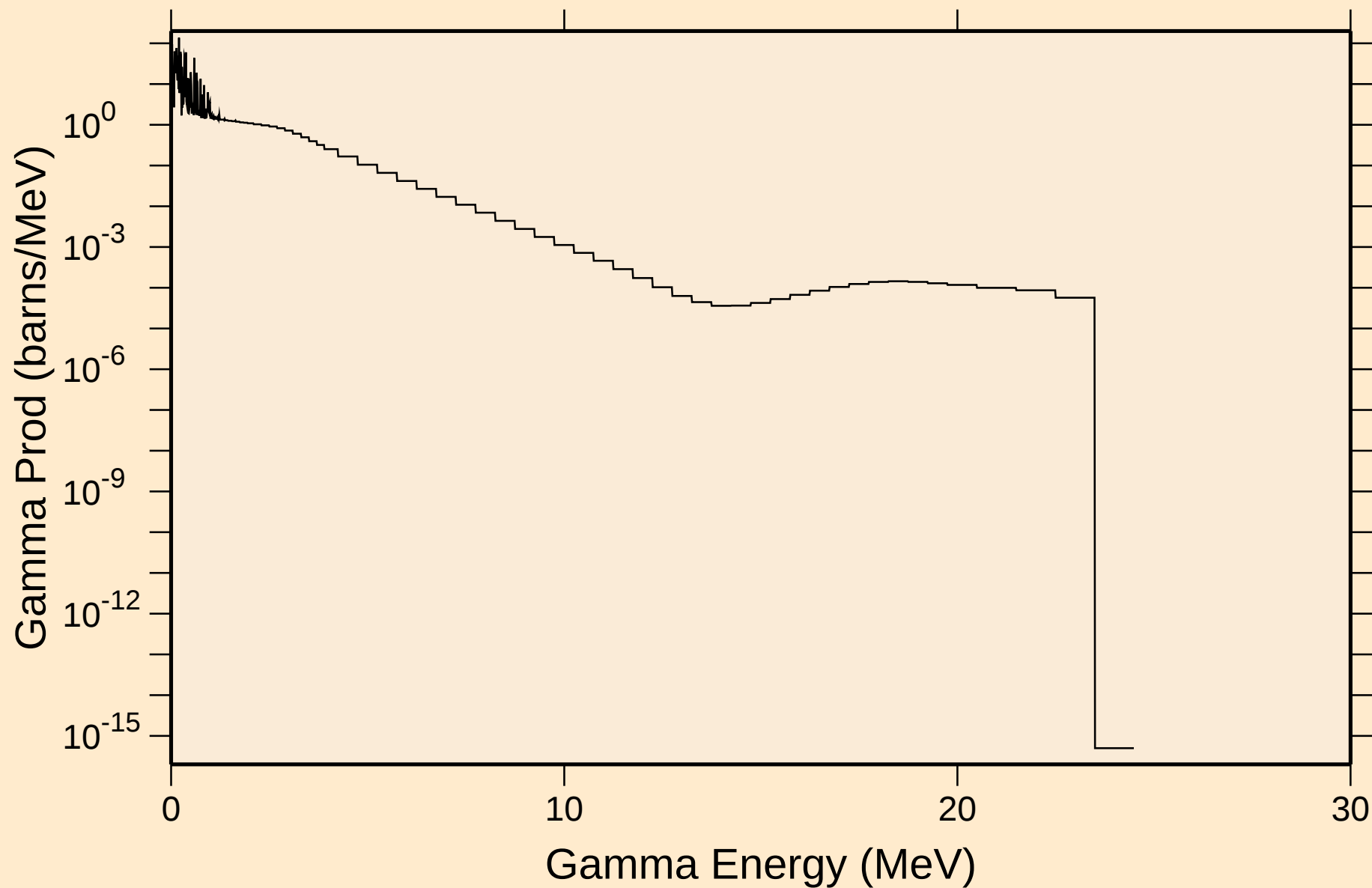
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



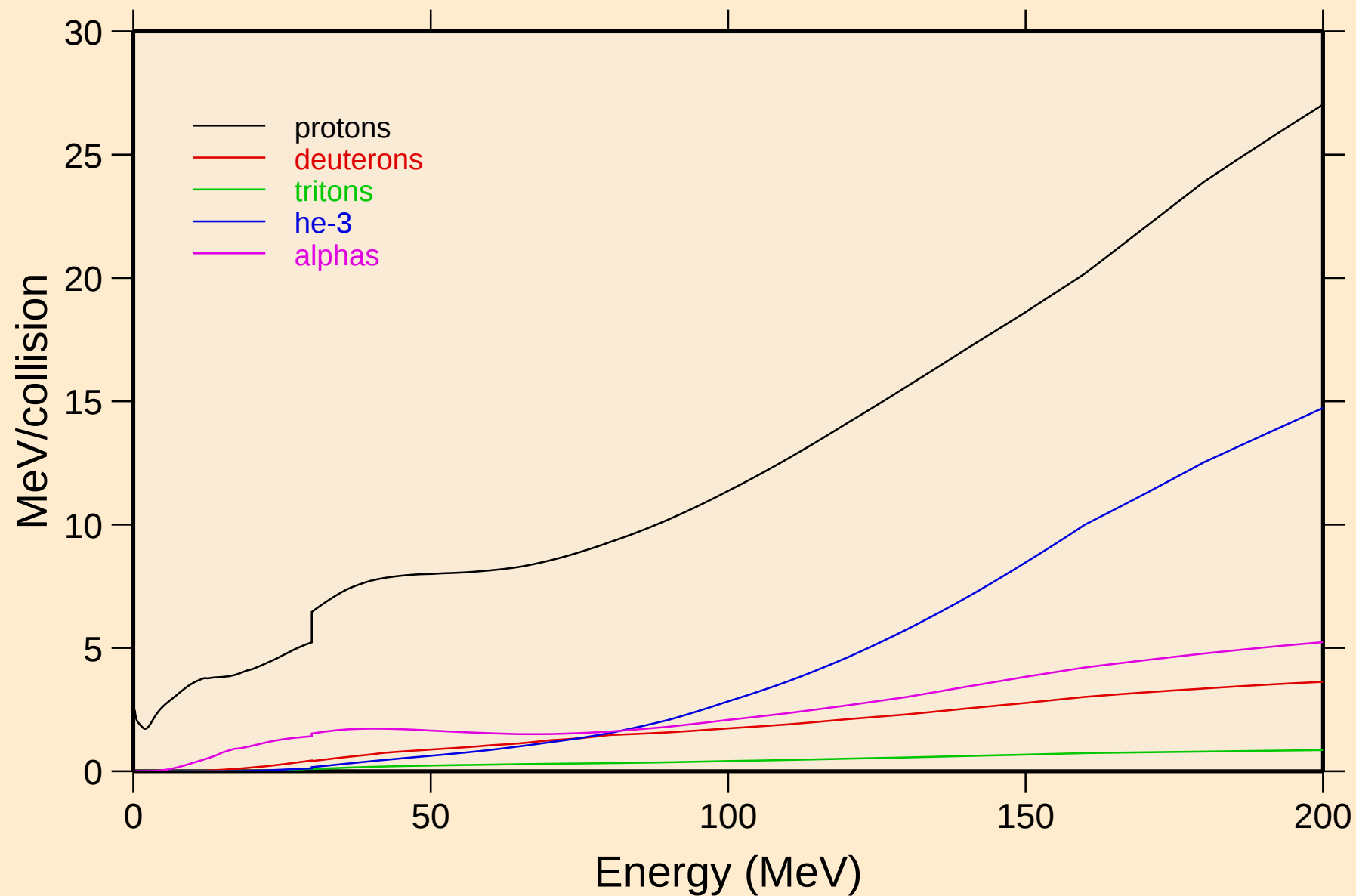
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum



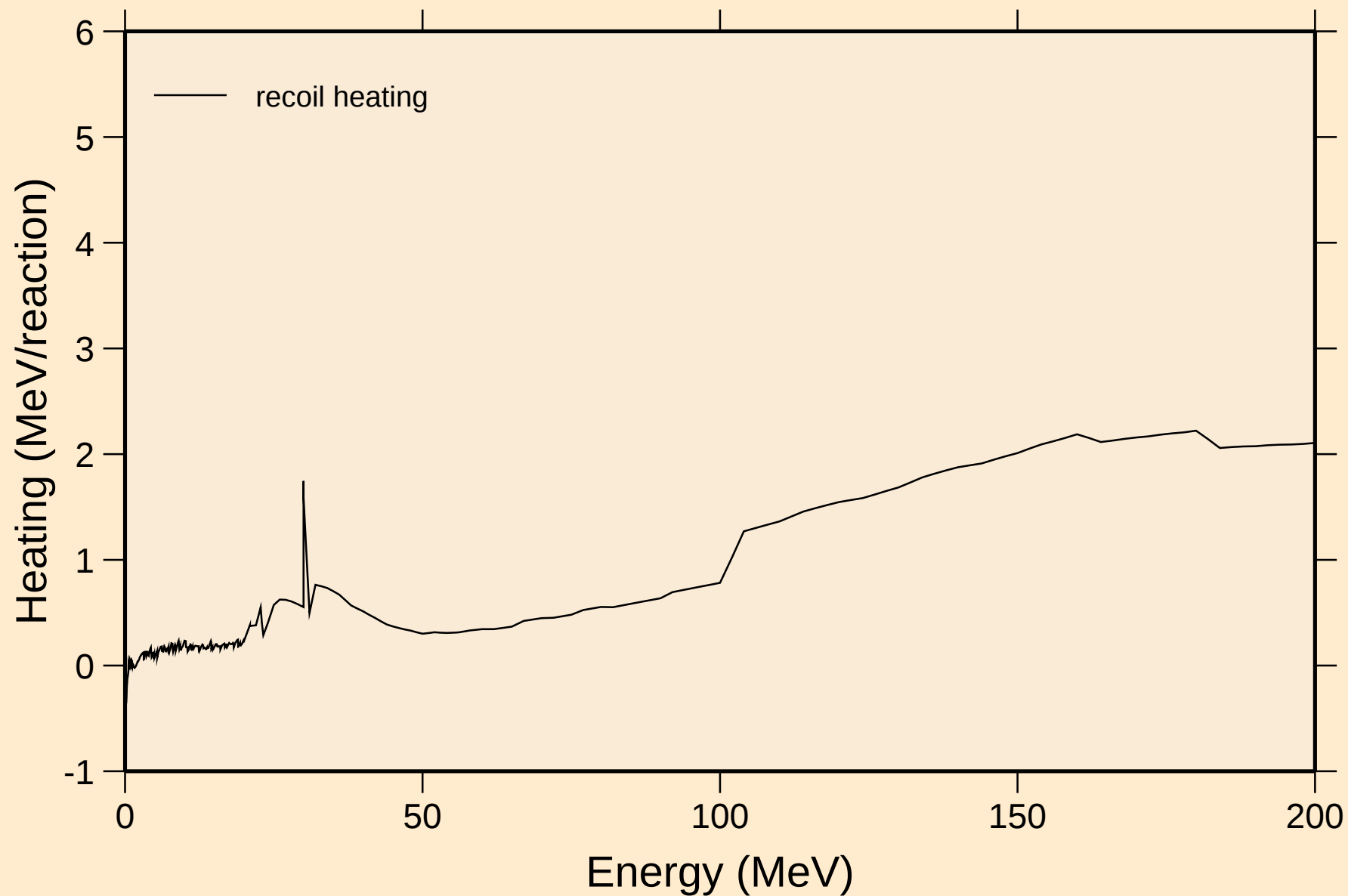
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

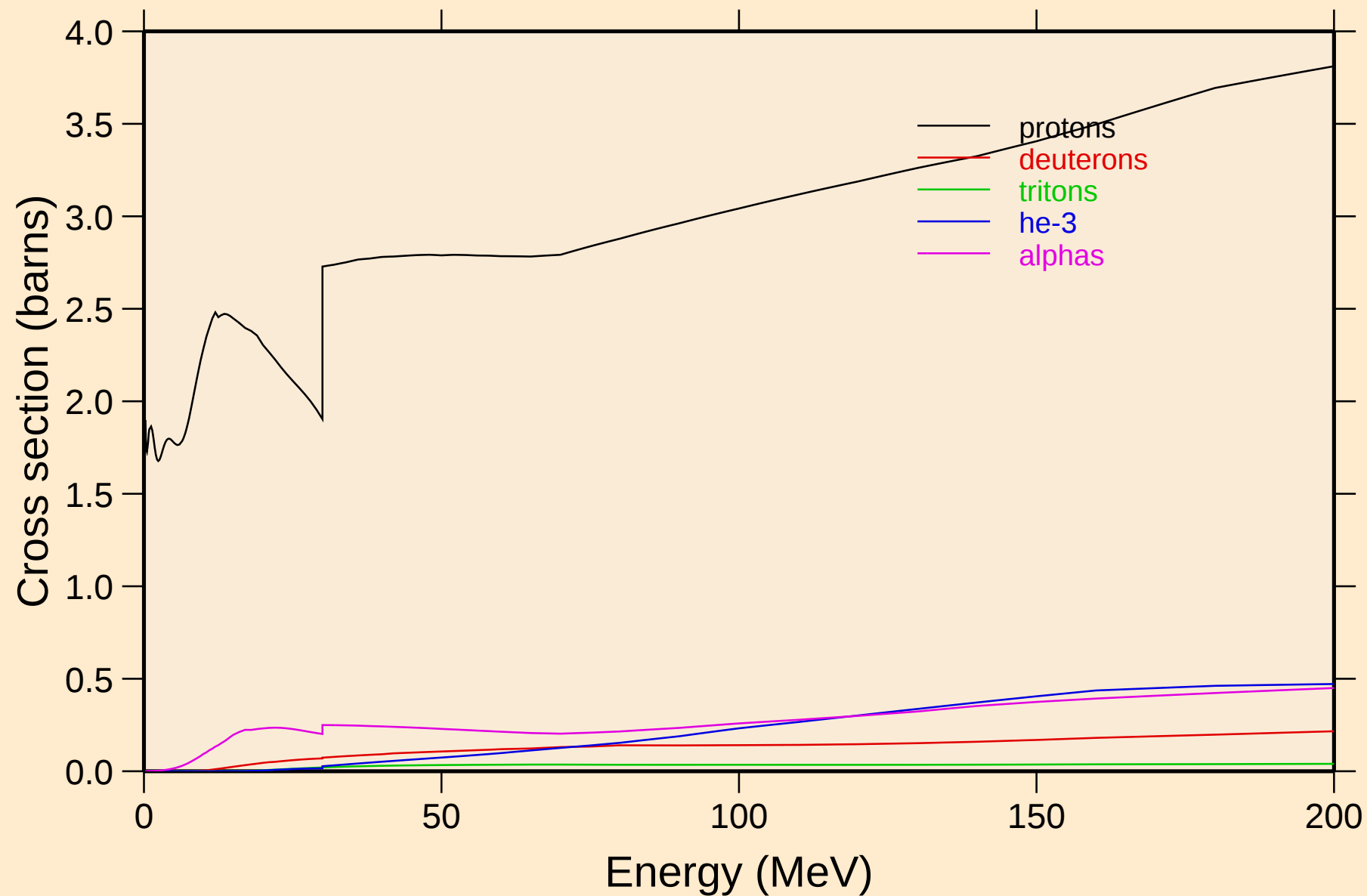


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

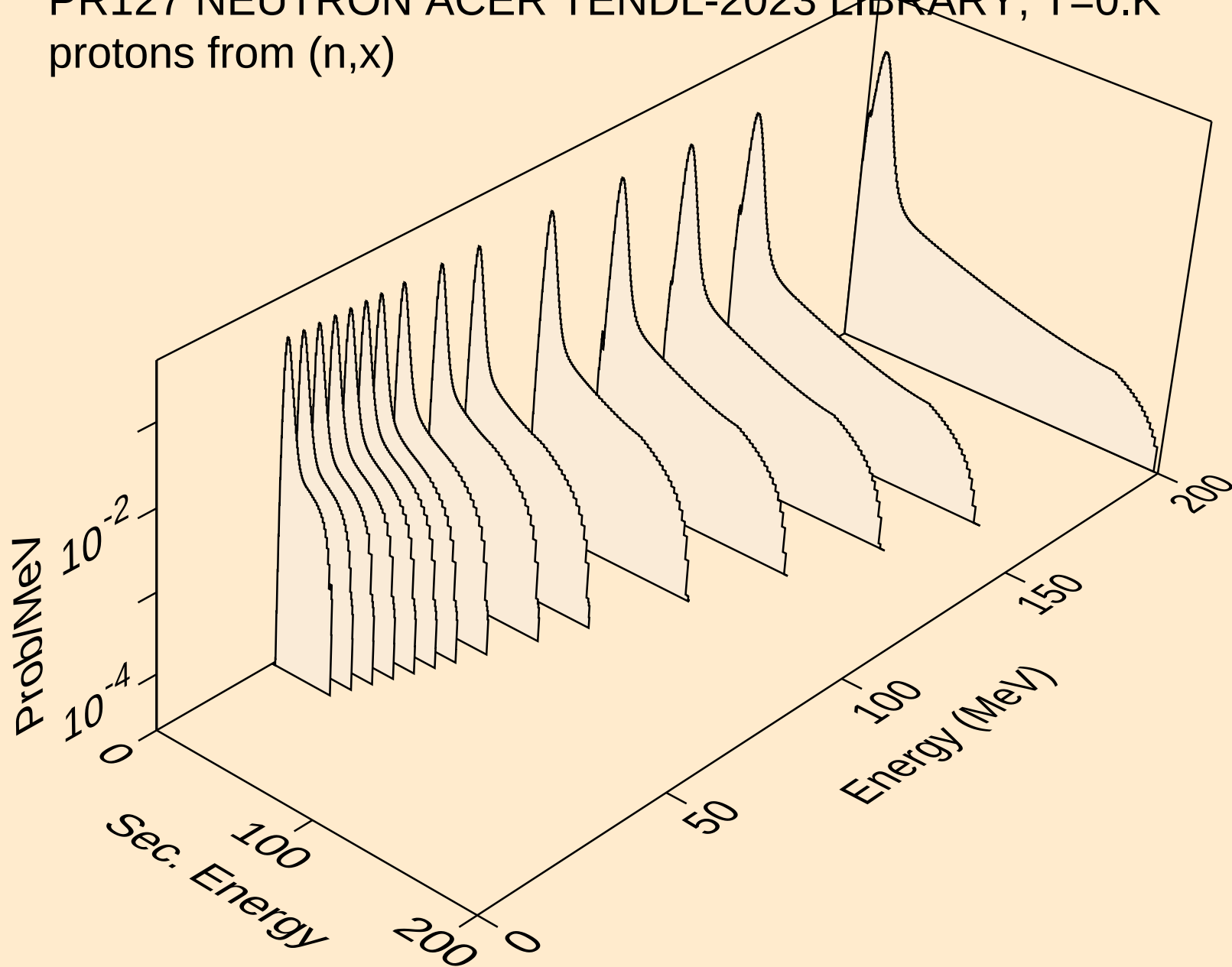


PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

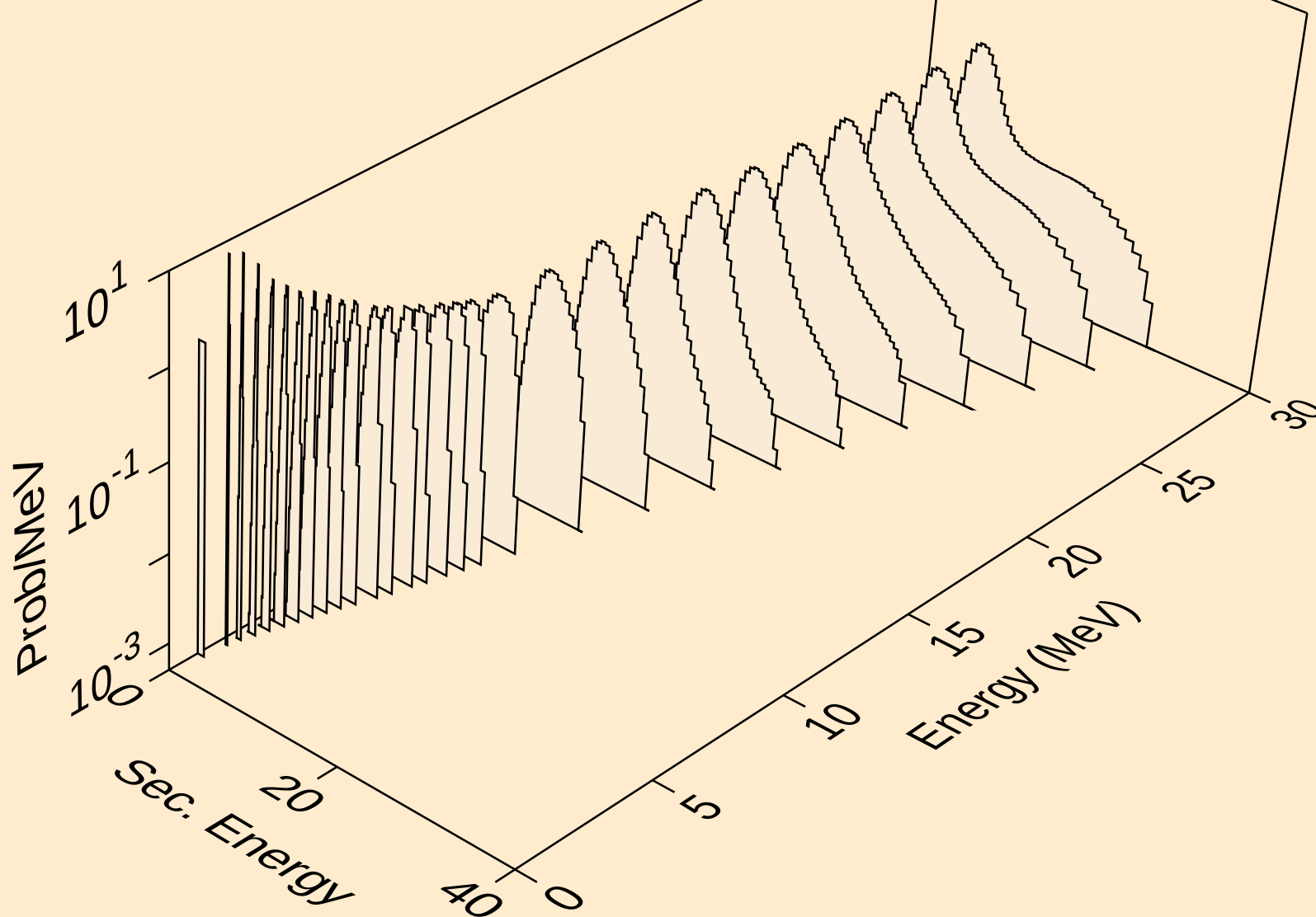
Particle production cross sections



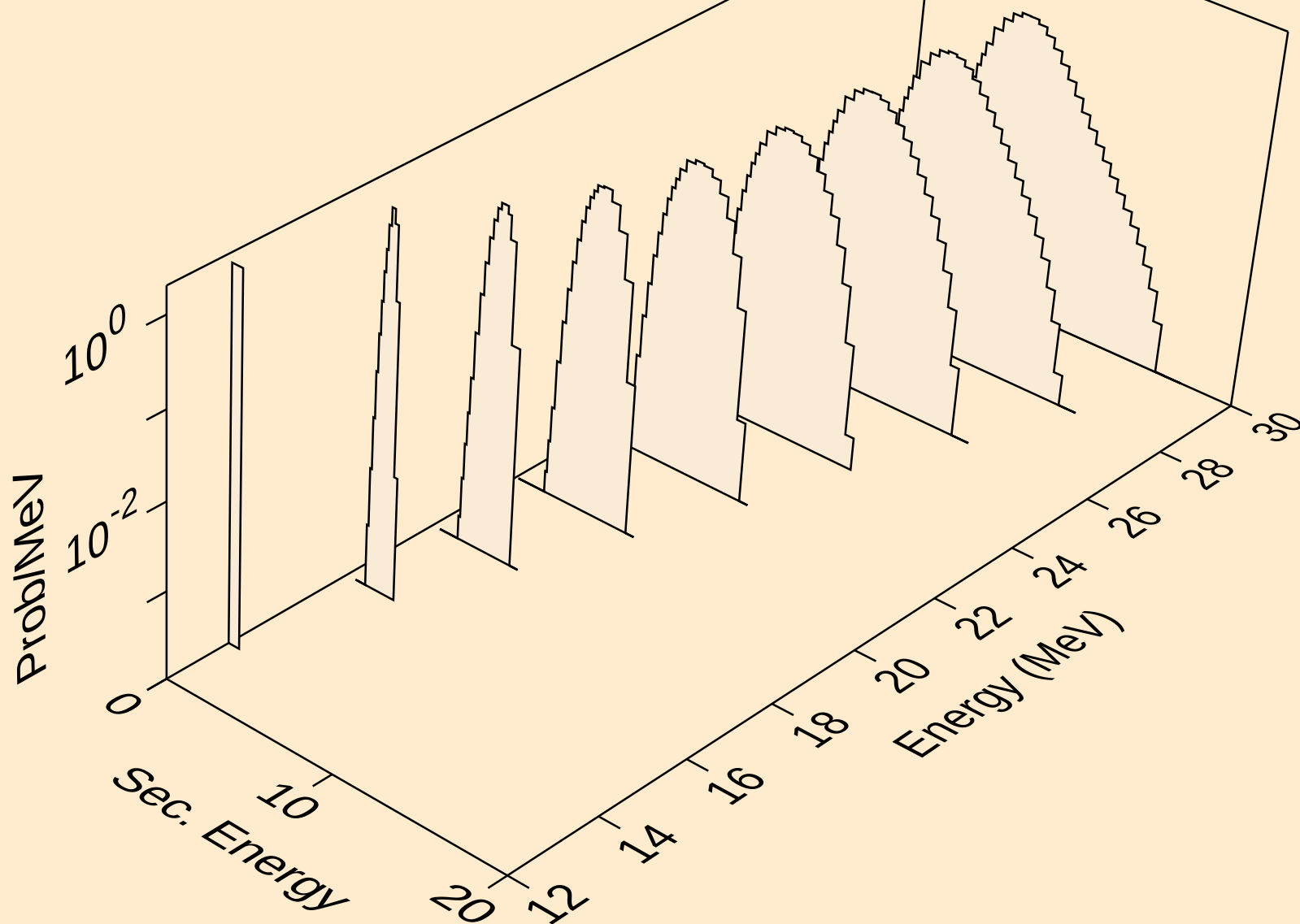
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



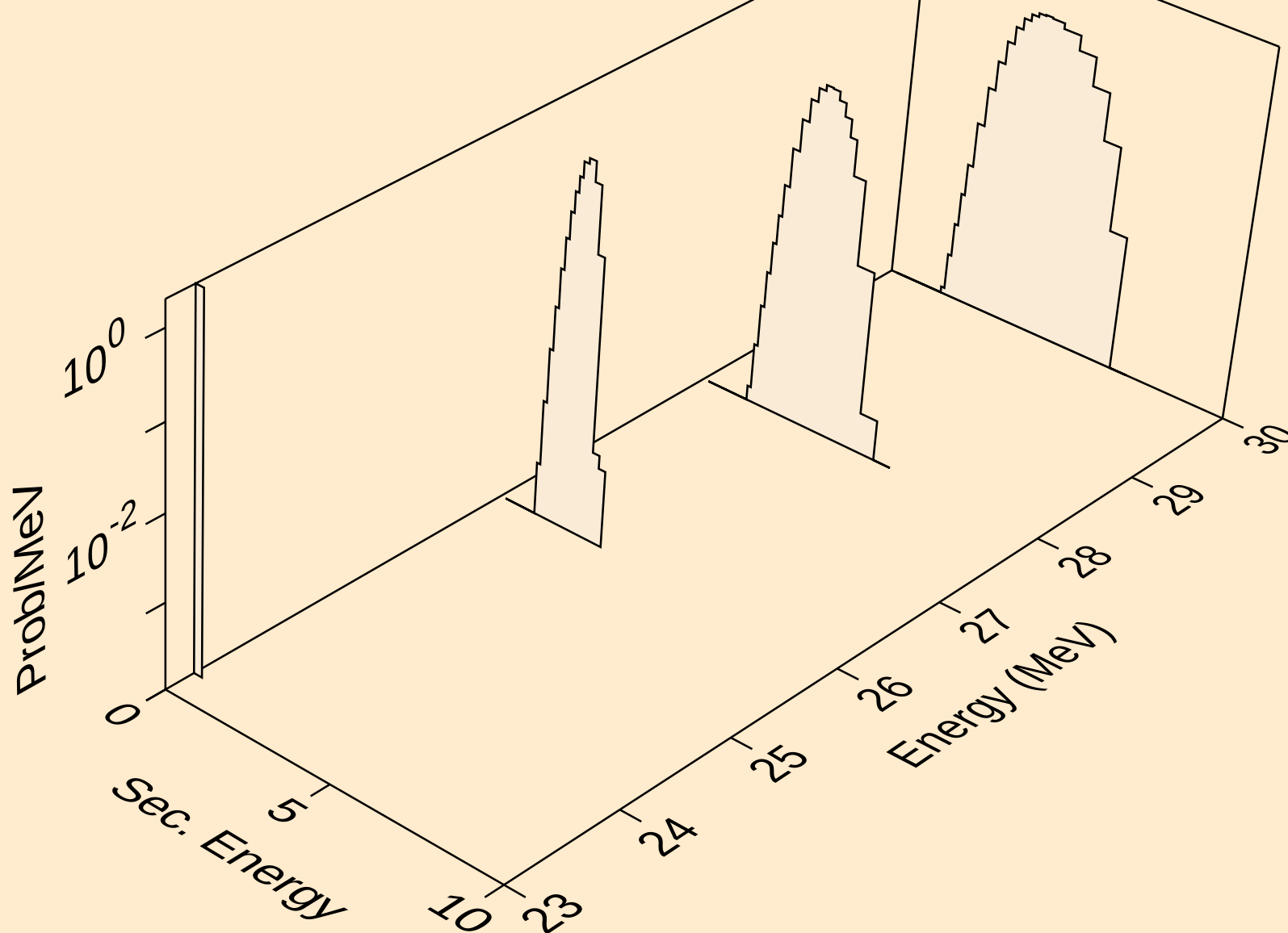
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



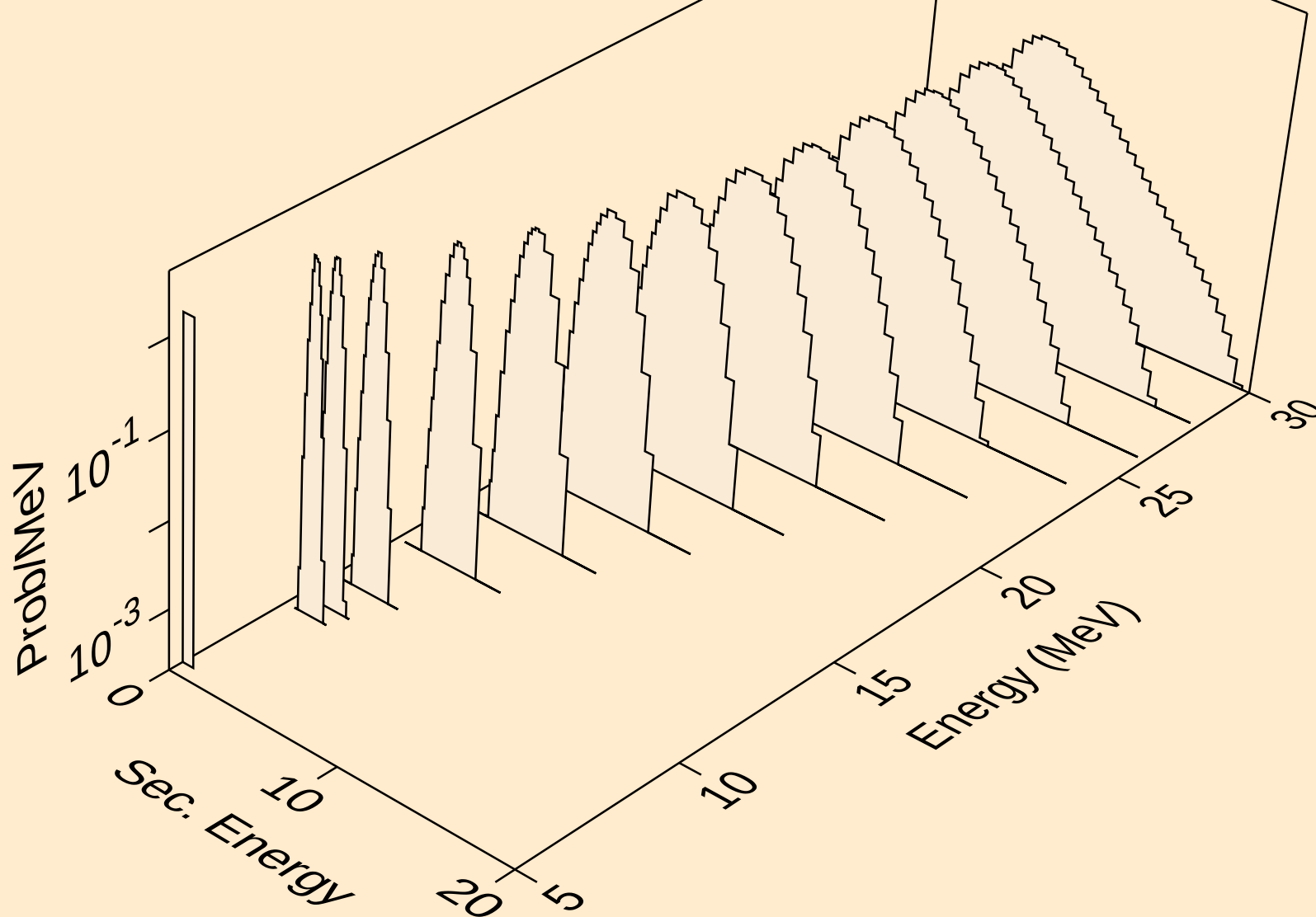
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protons from (n,2np)



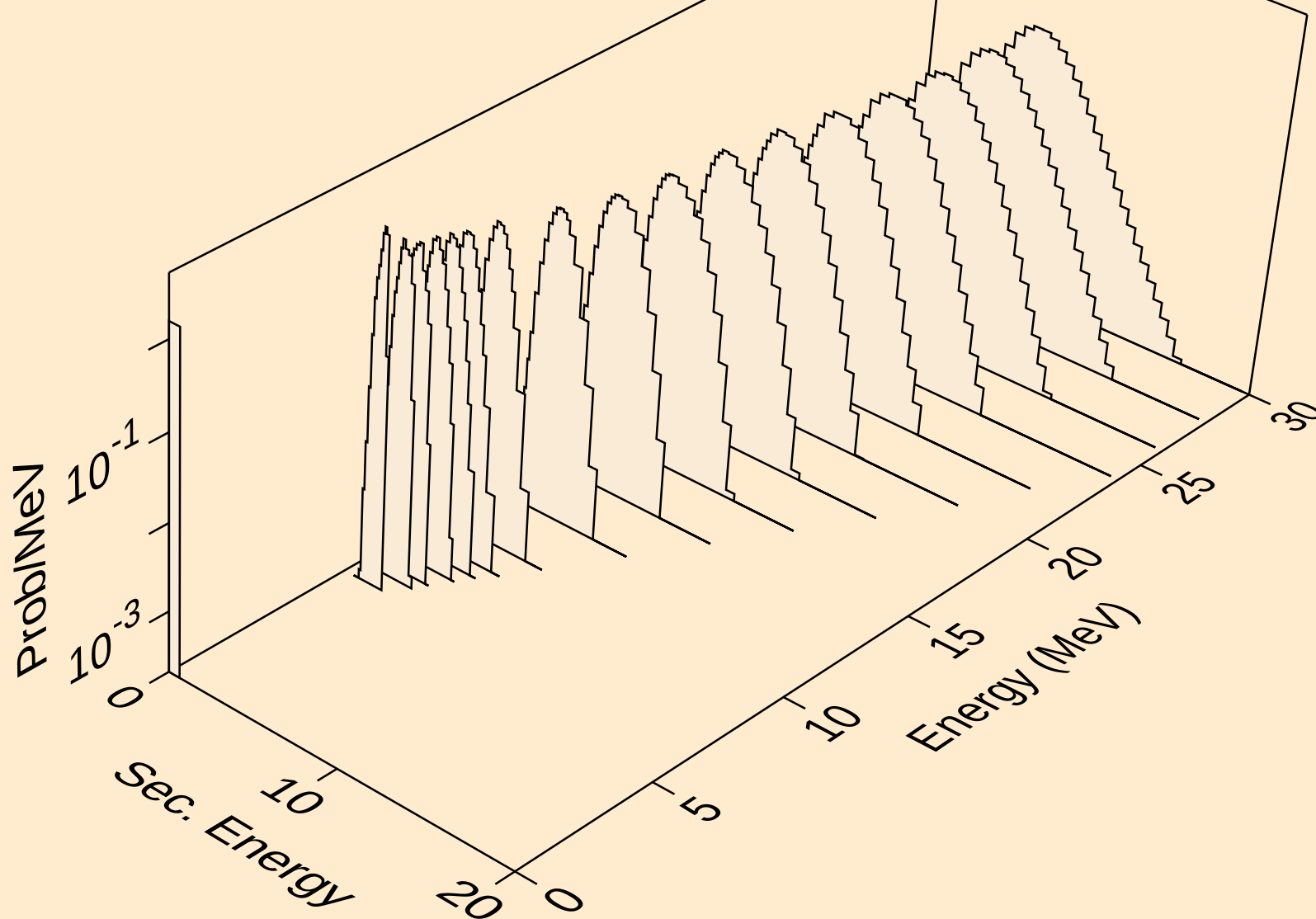
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protons from (n,3np)



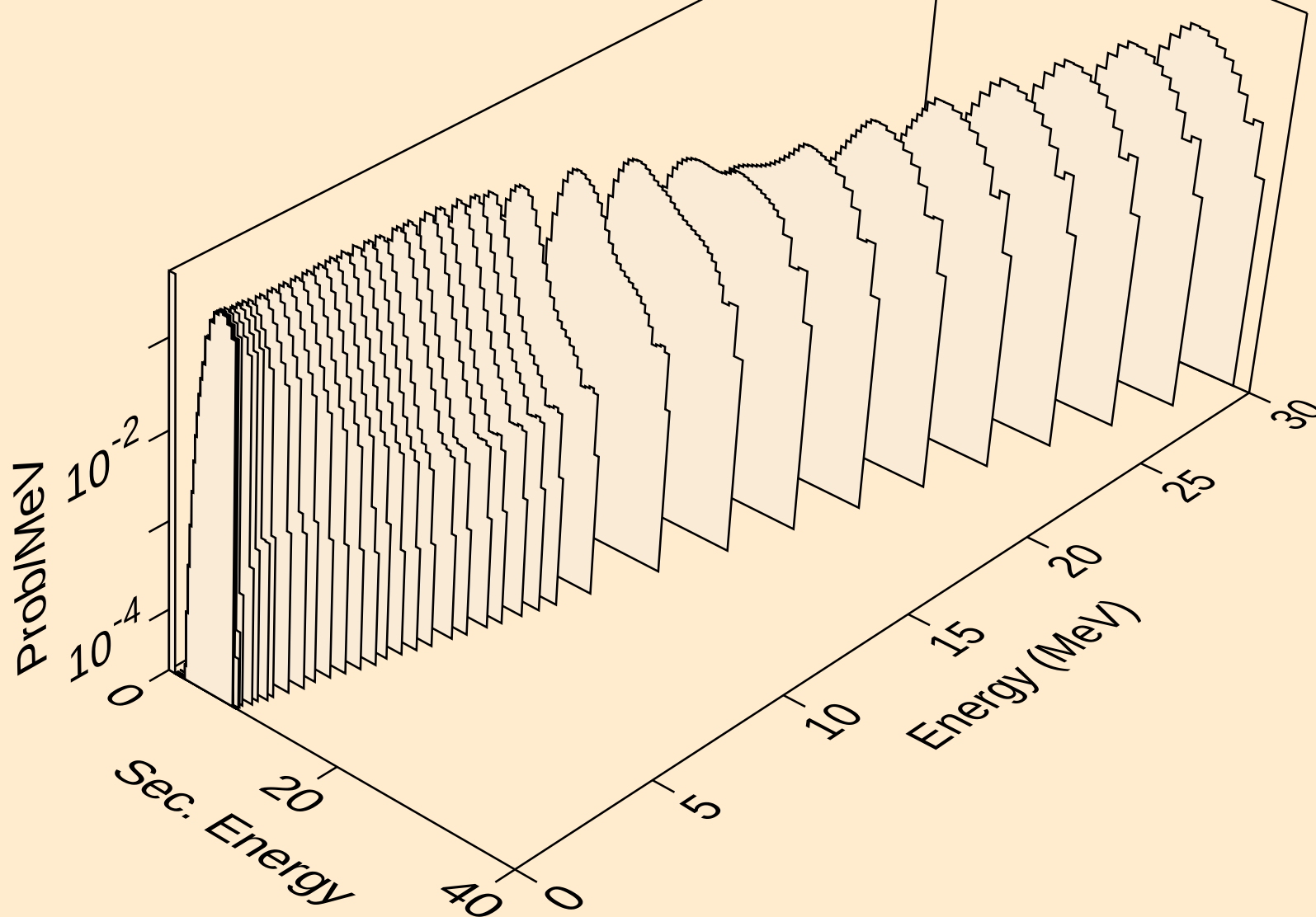
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protons from (n,n2p)



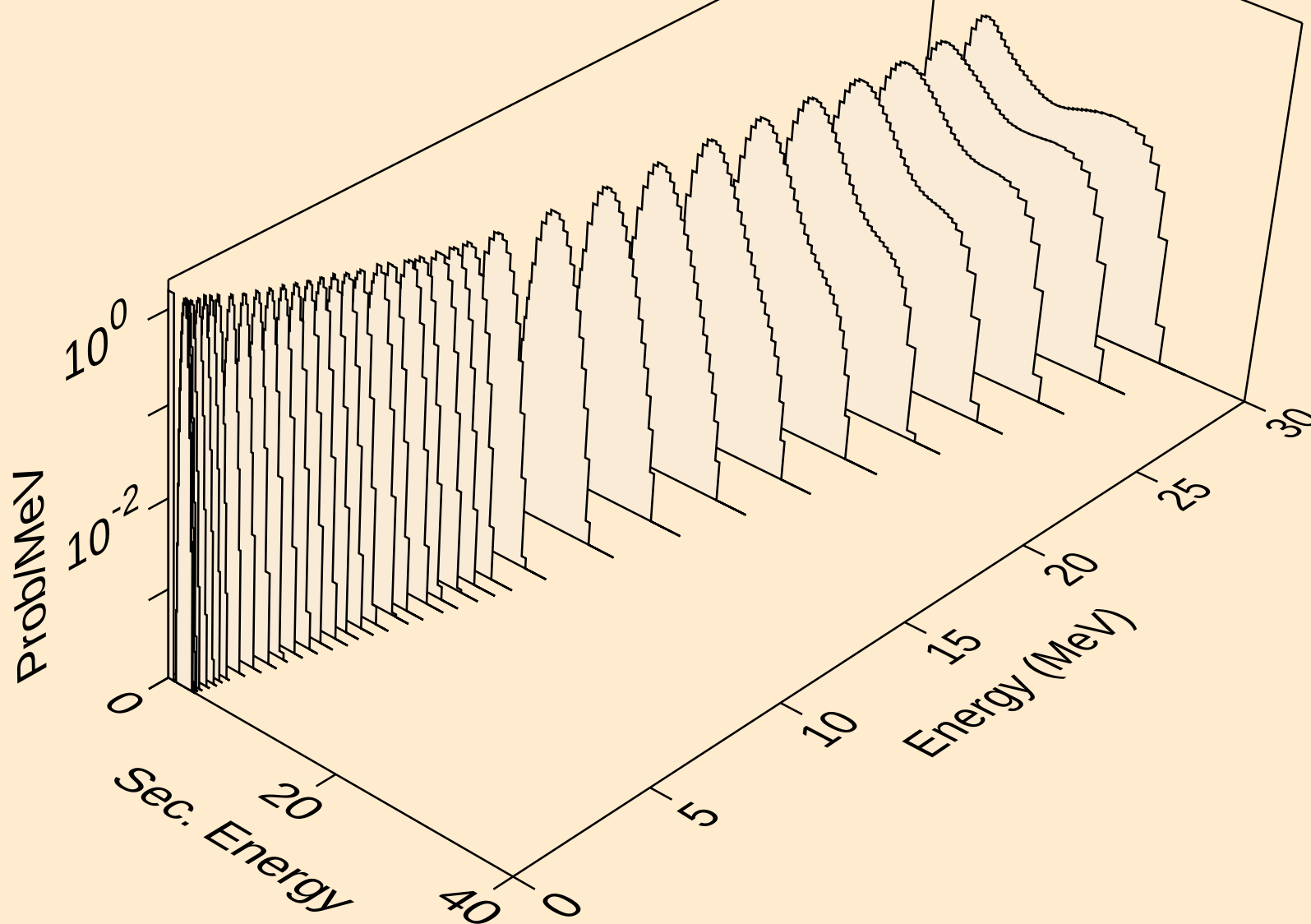
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protons from (n,npa)



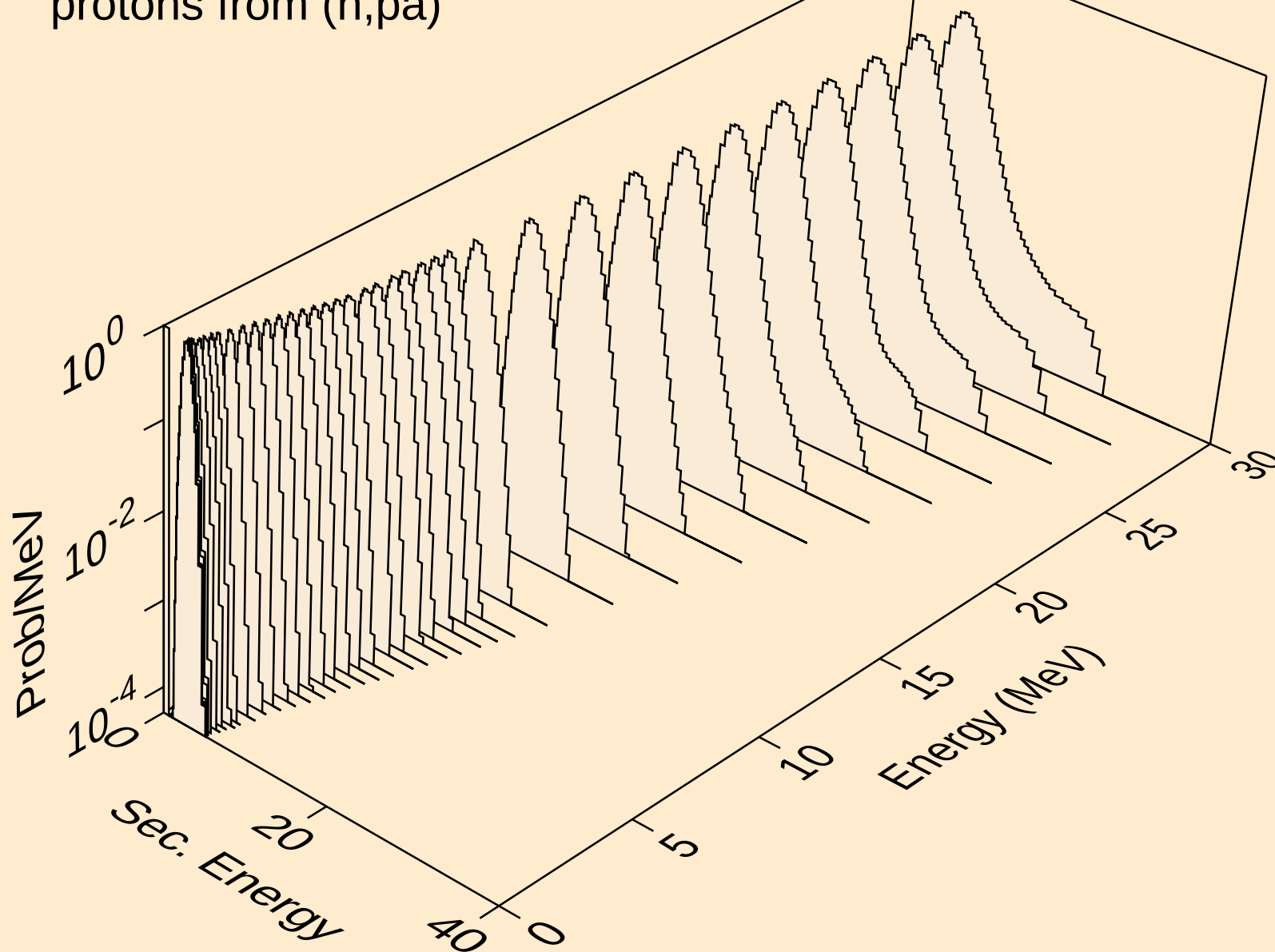
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protons from (n,p)



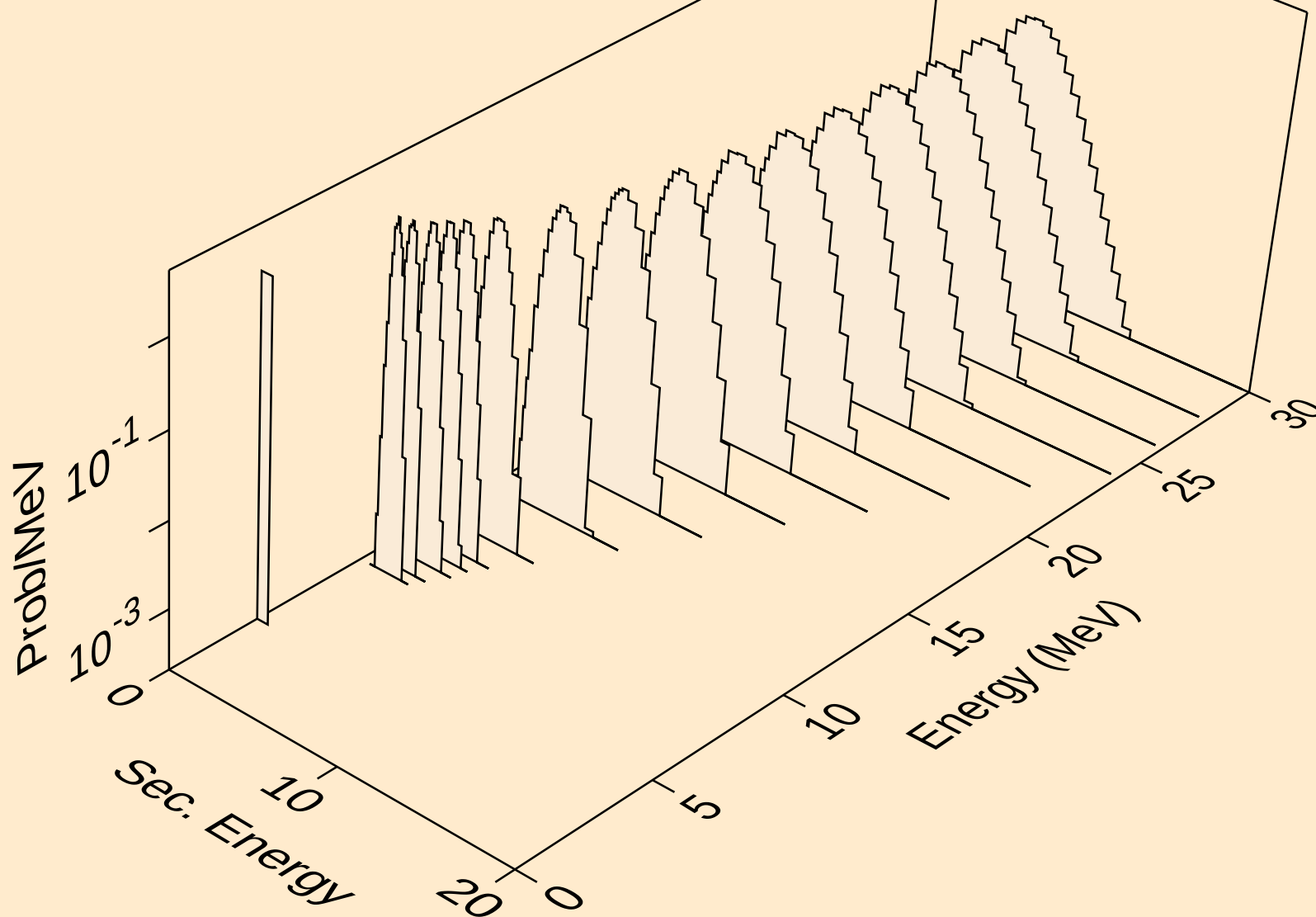
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protons from (n,2p)



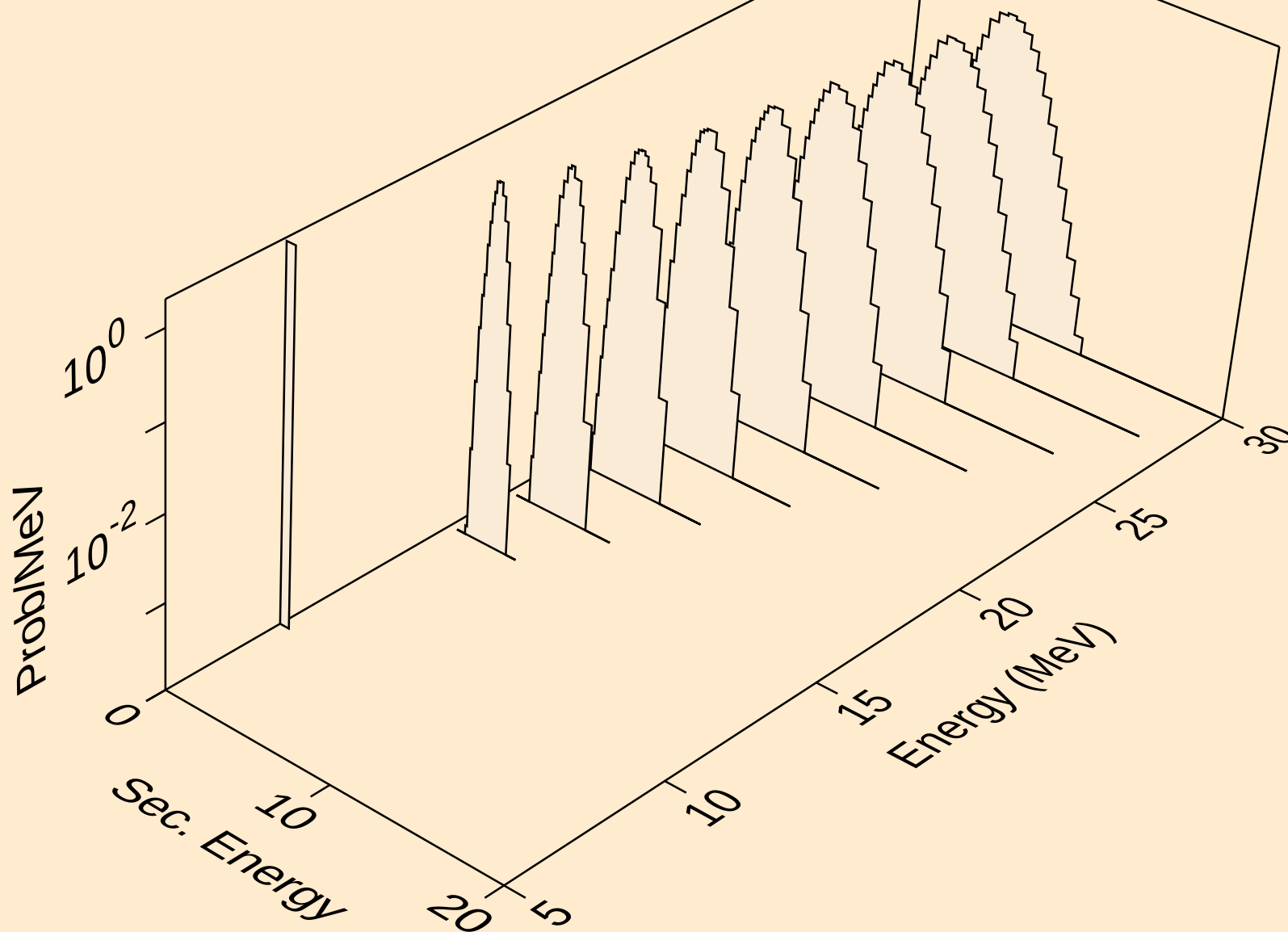
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protons from (n,p)



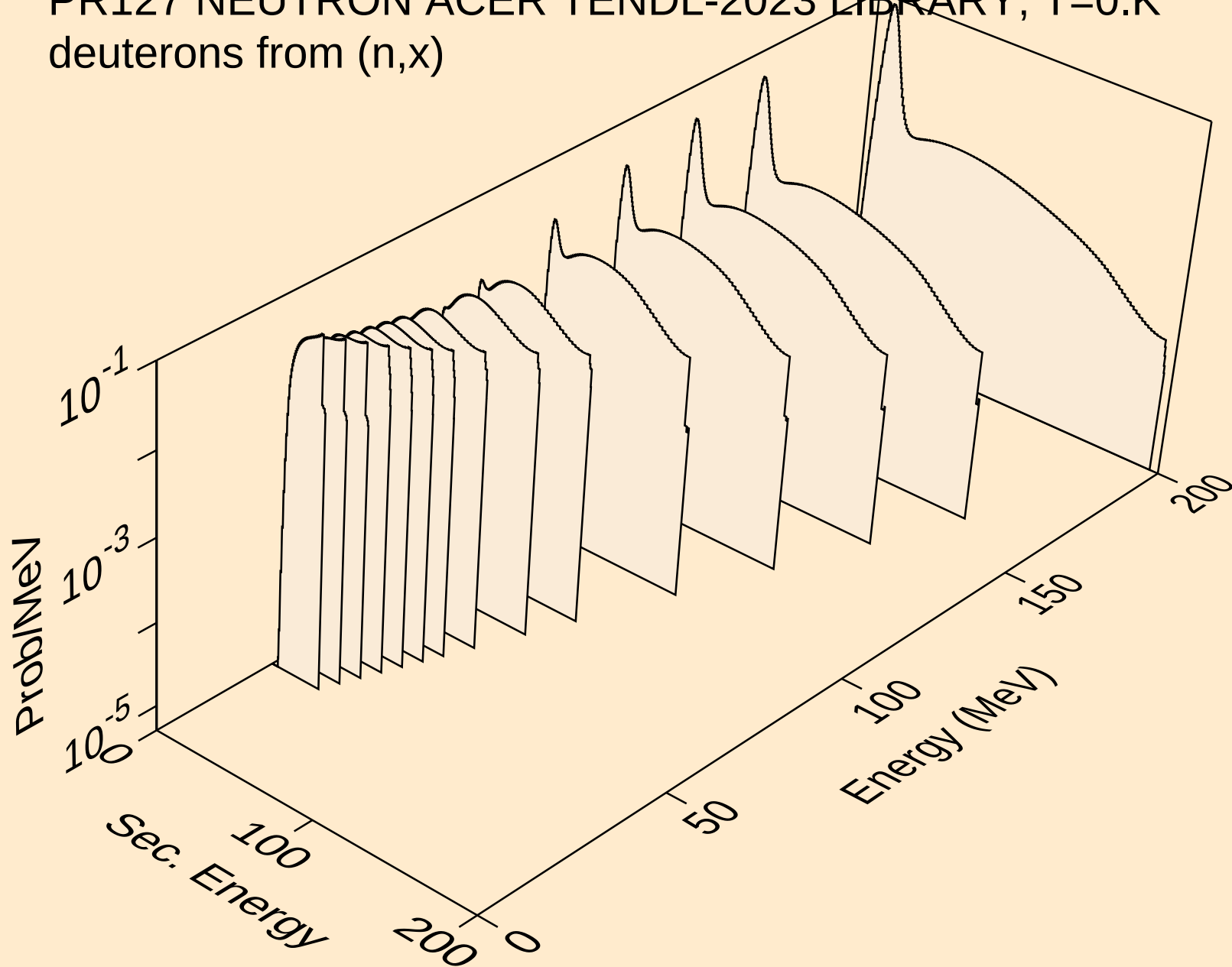
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protons from (n,pd)



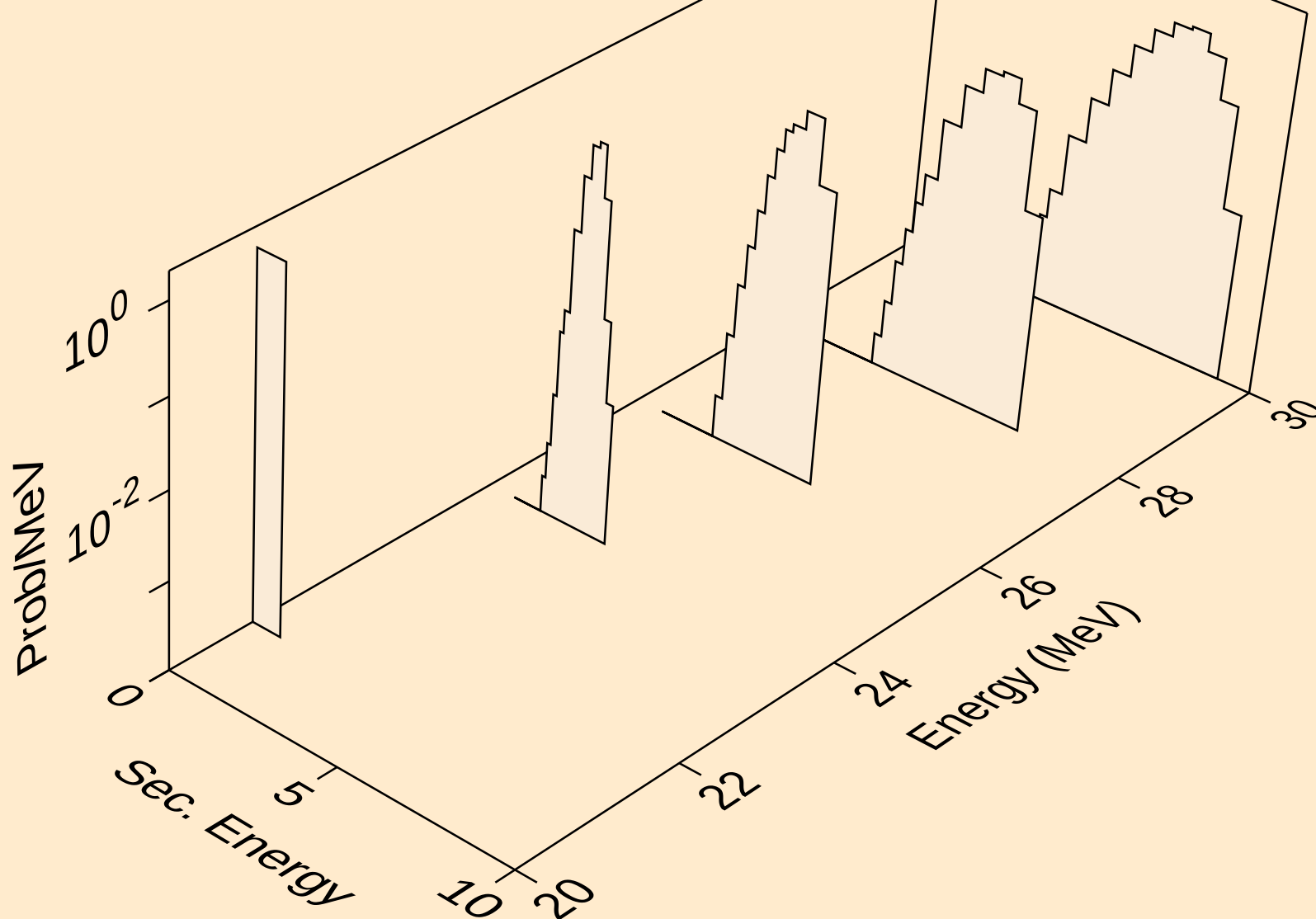
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protons from (n,pt)



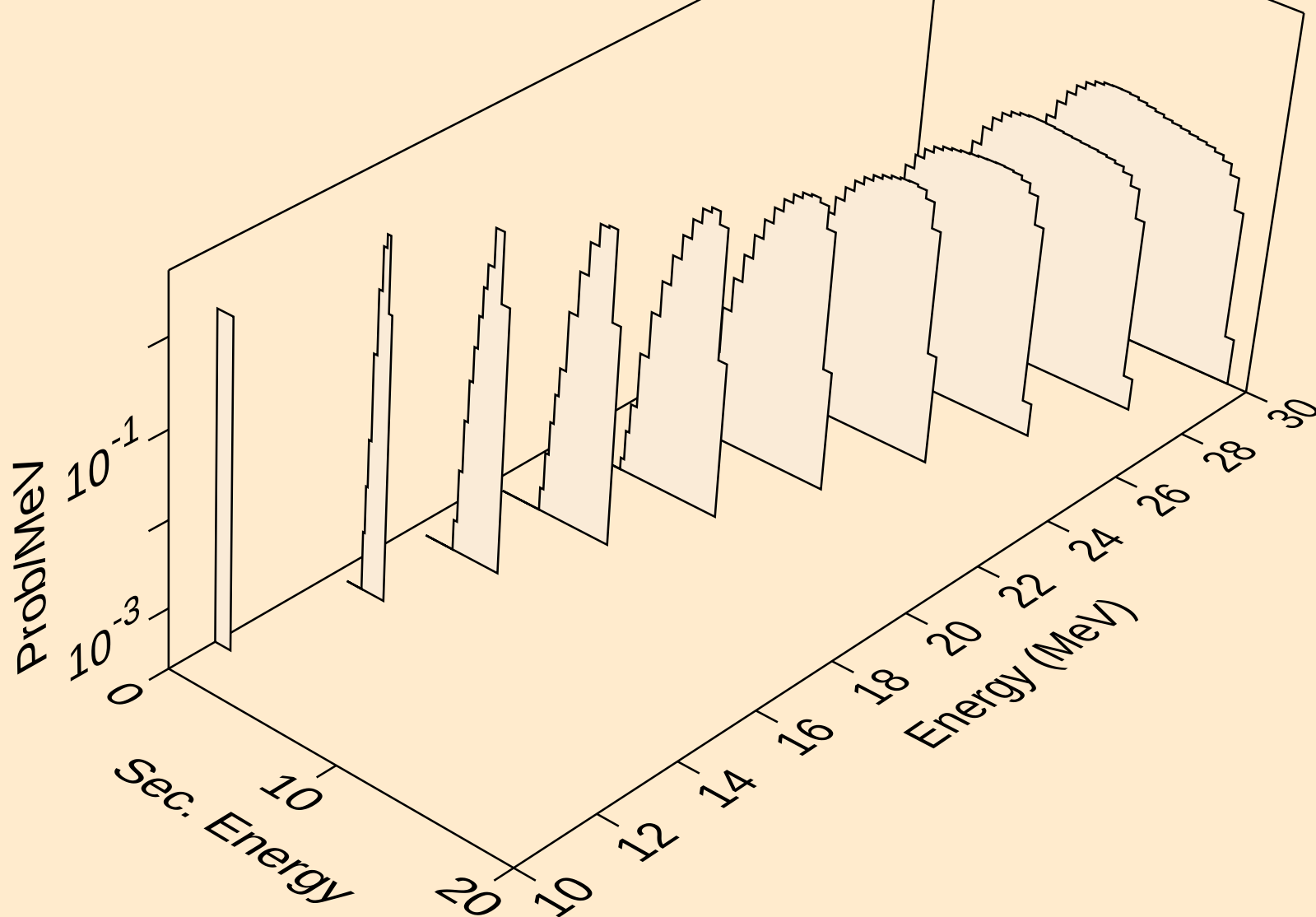
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deuterons from (n,x)



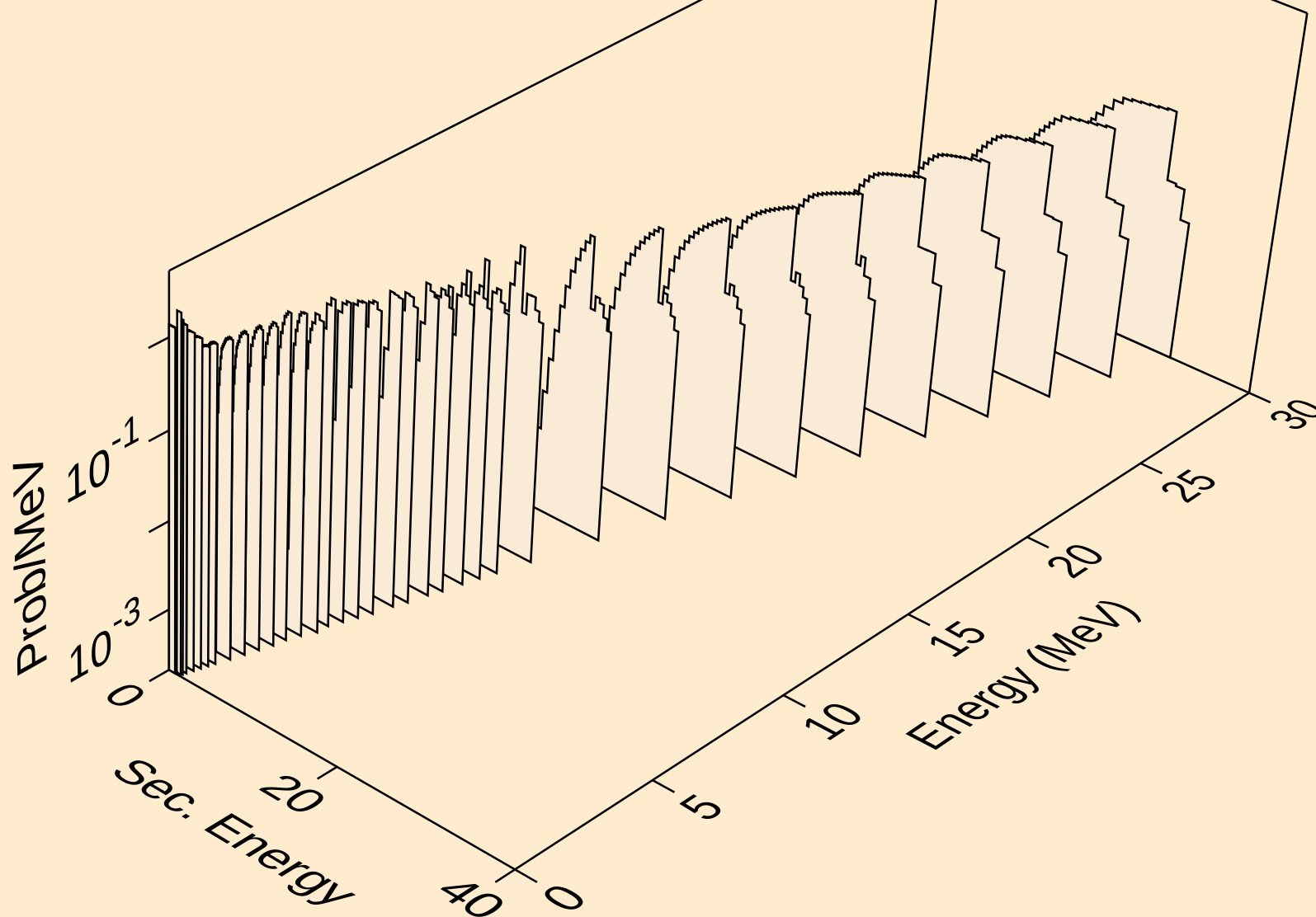
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deuterons from (n,2nd)



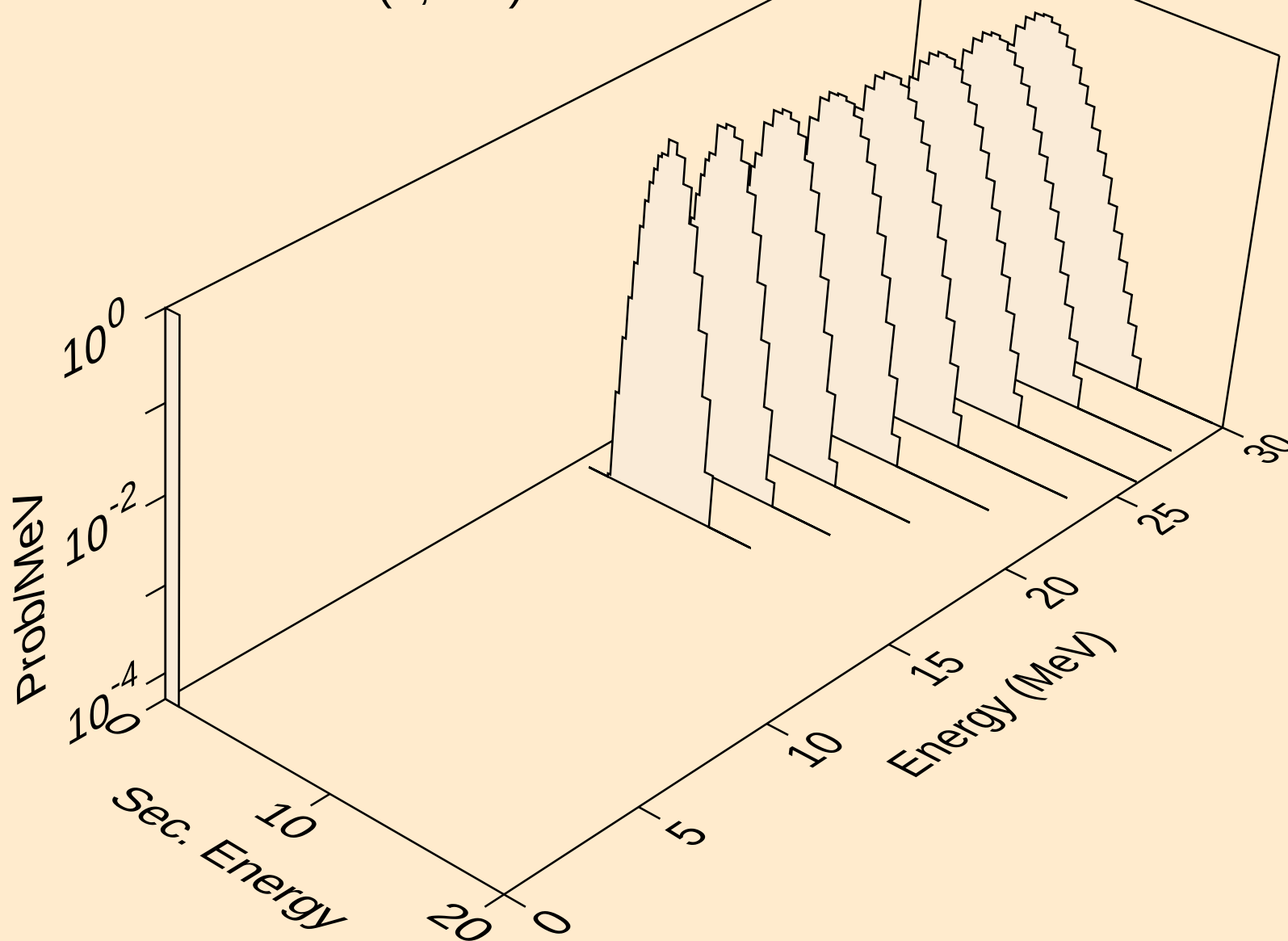
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



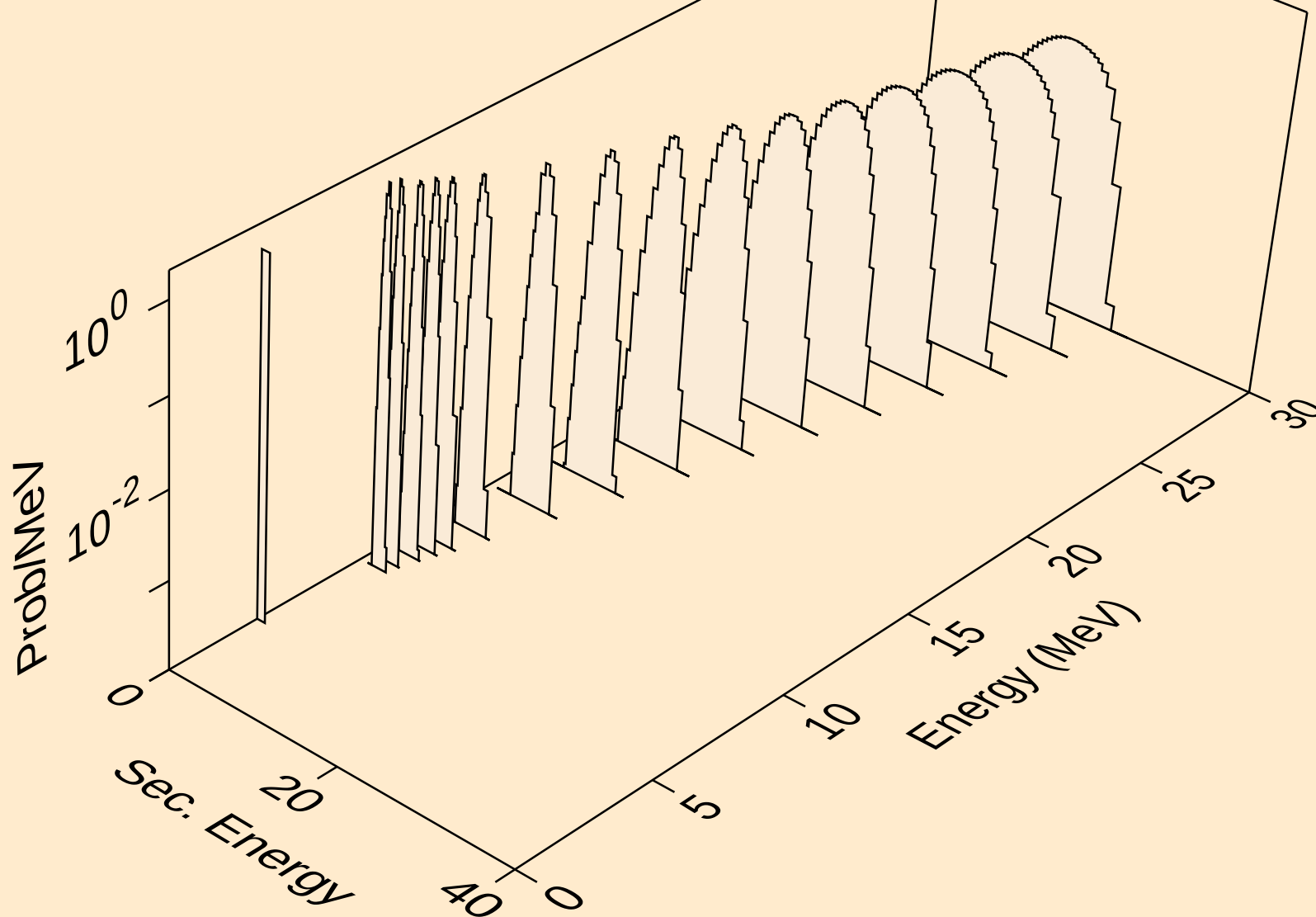
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deuterons from (n,d)



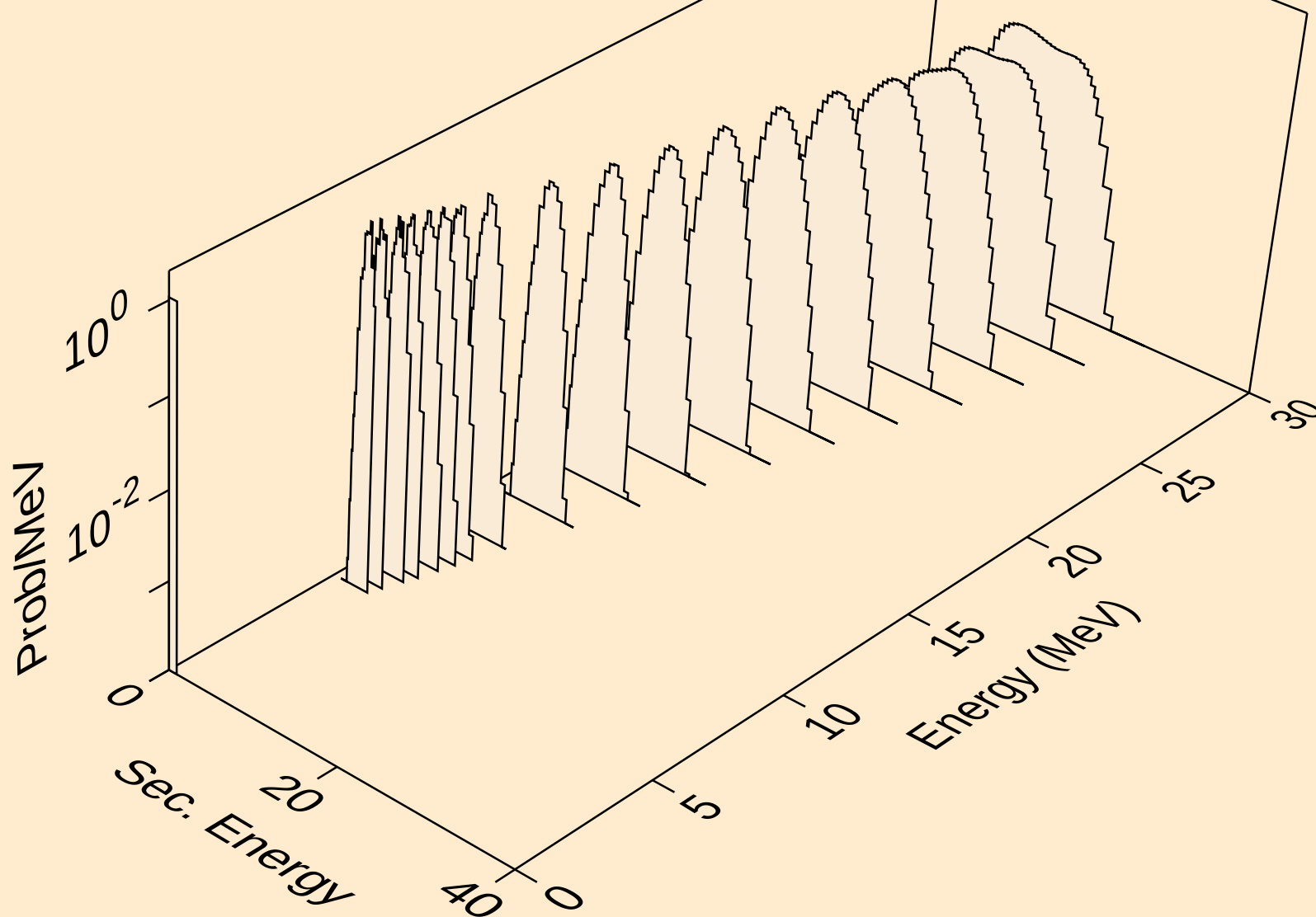
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deuterons from (n,d2a)



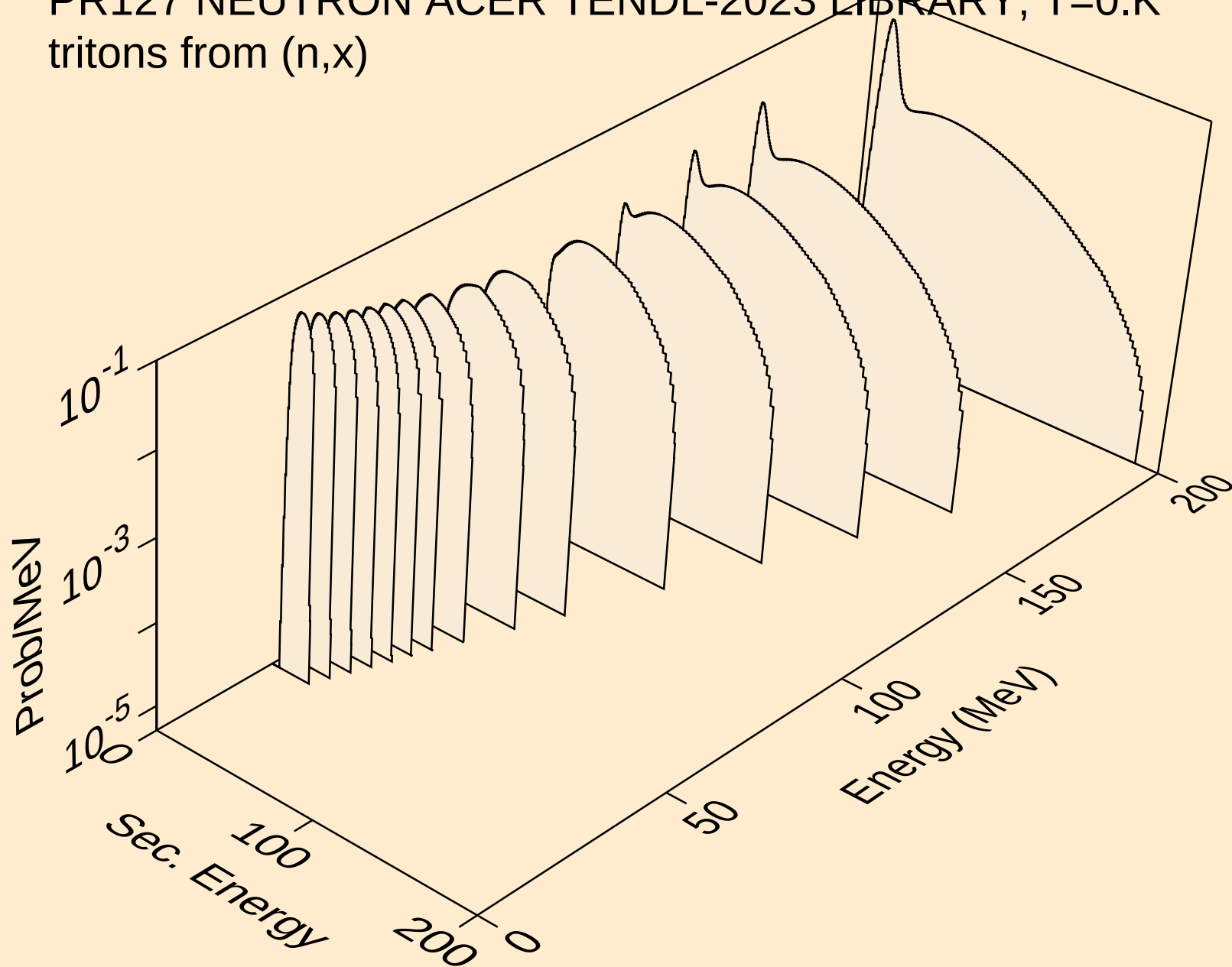
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deuterons from (n,pd)



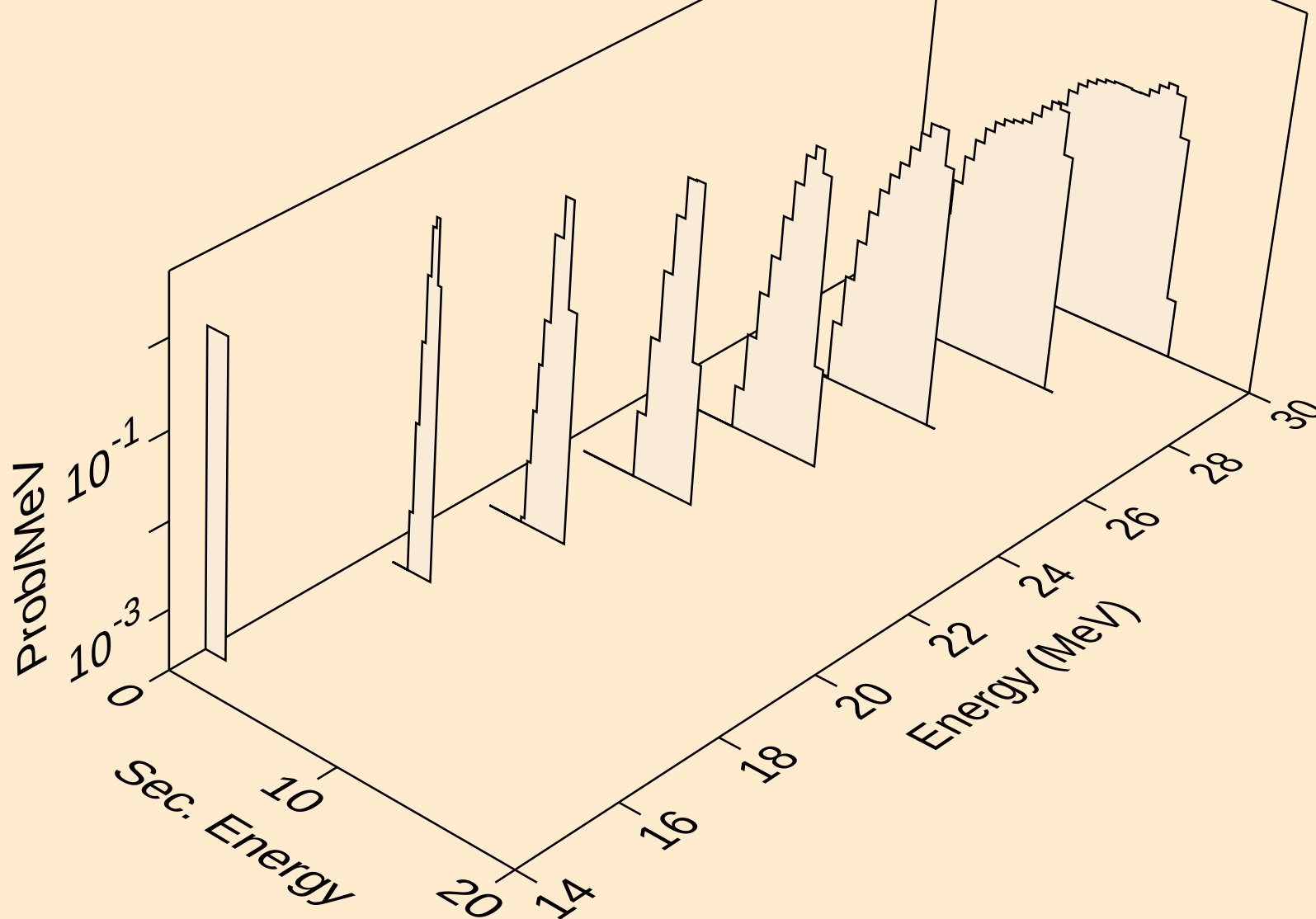
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deuterons from (n,da)



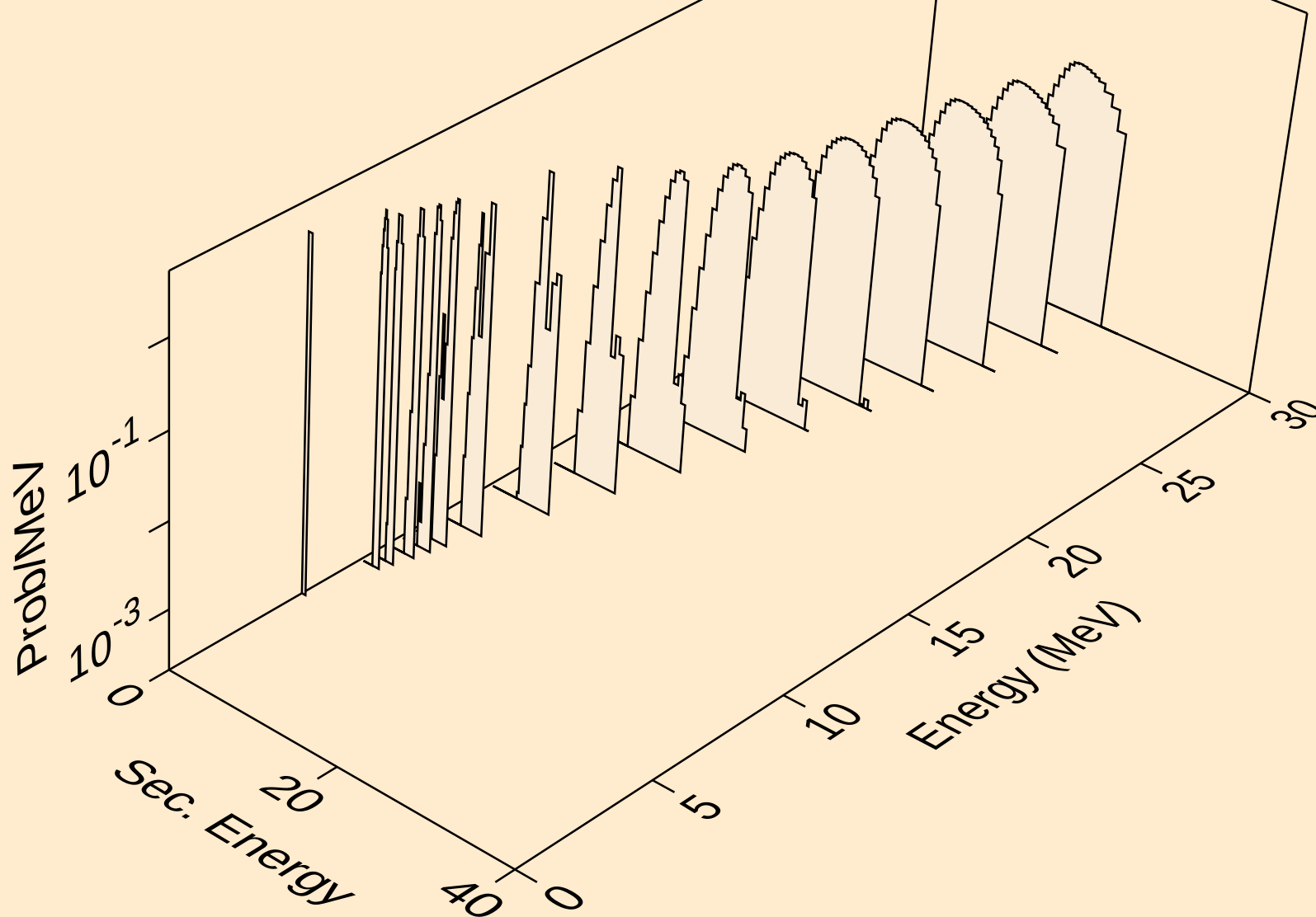
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tritons from (n,x)



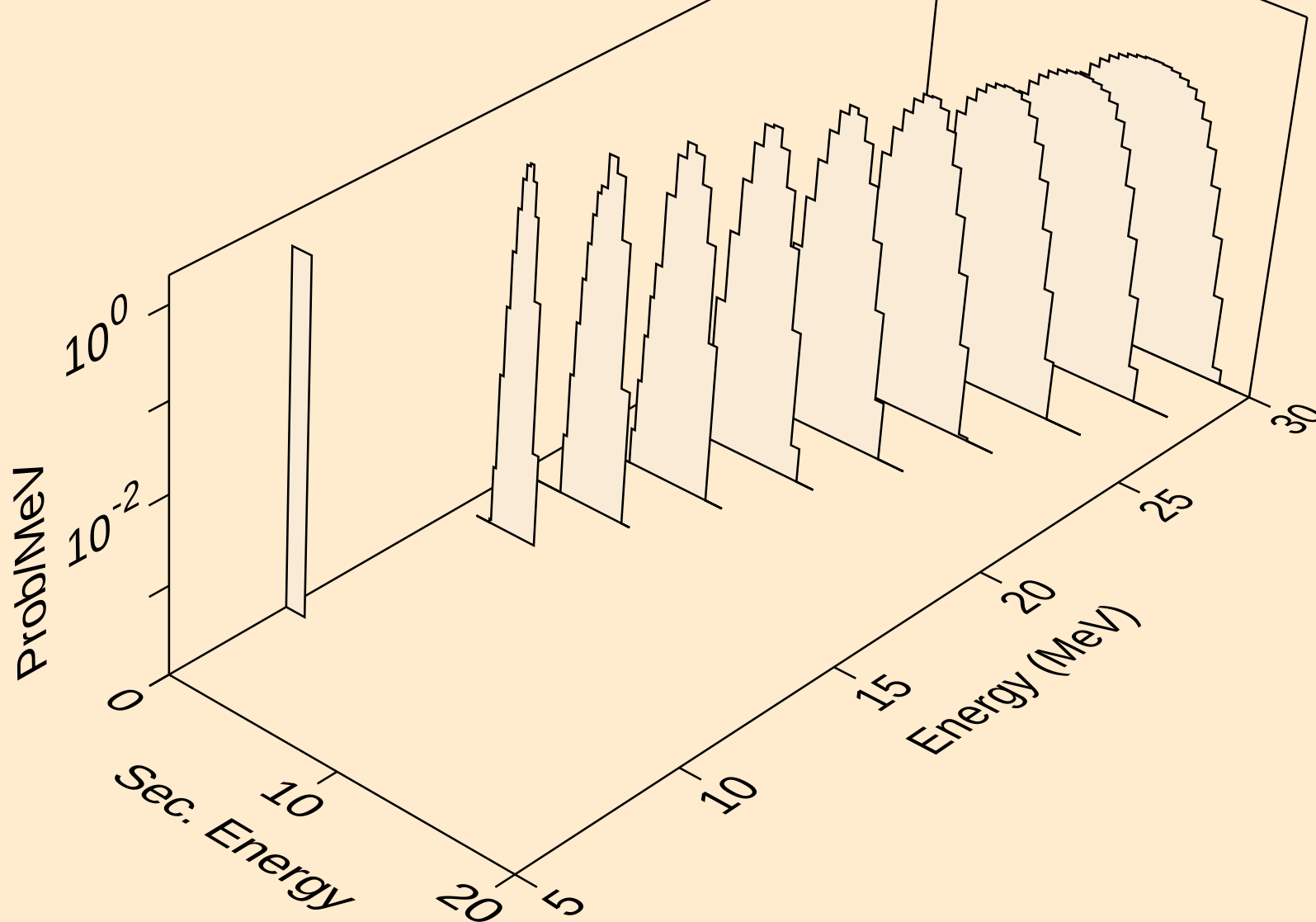
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



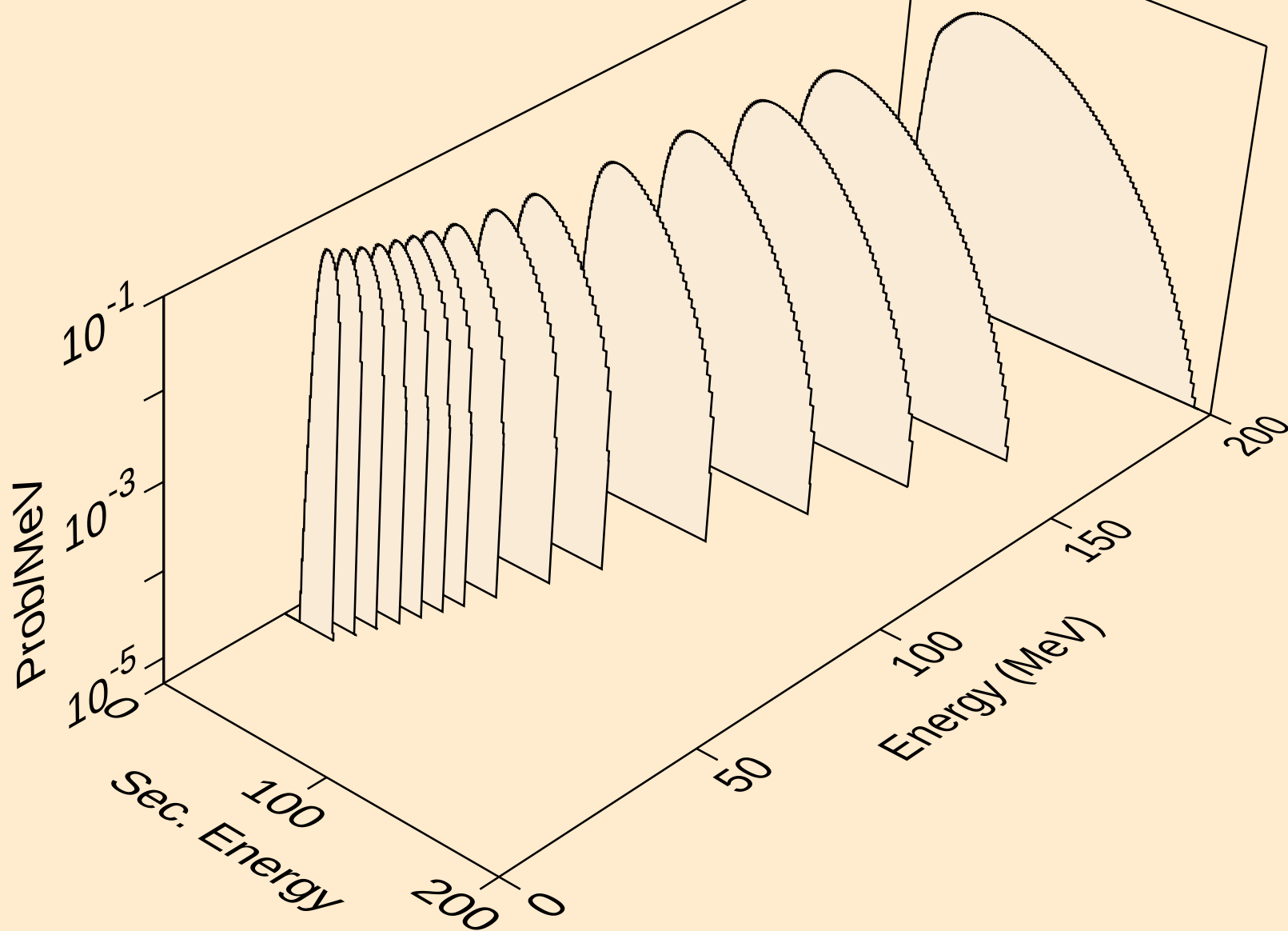
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tritons from (n,t)



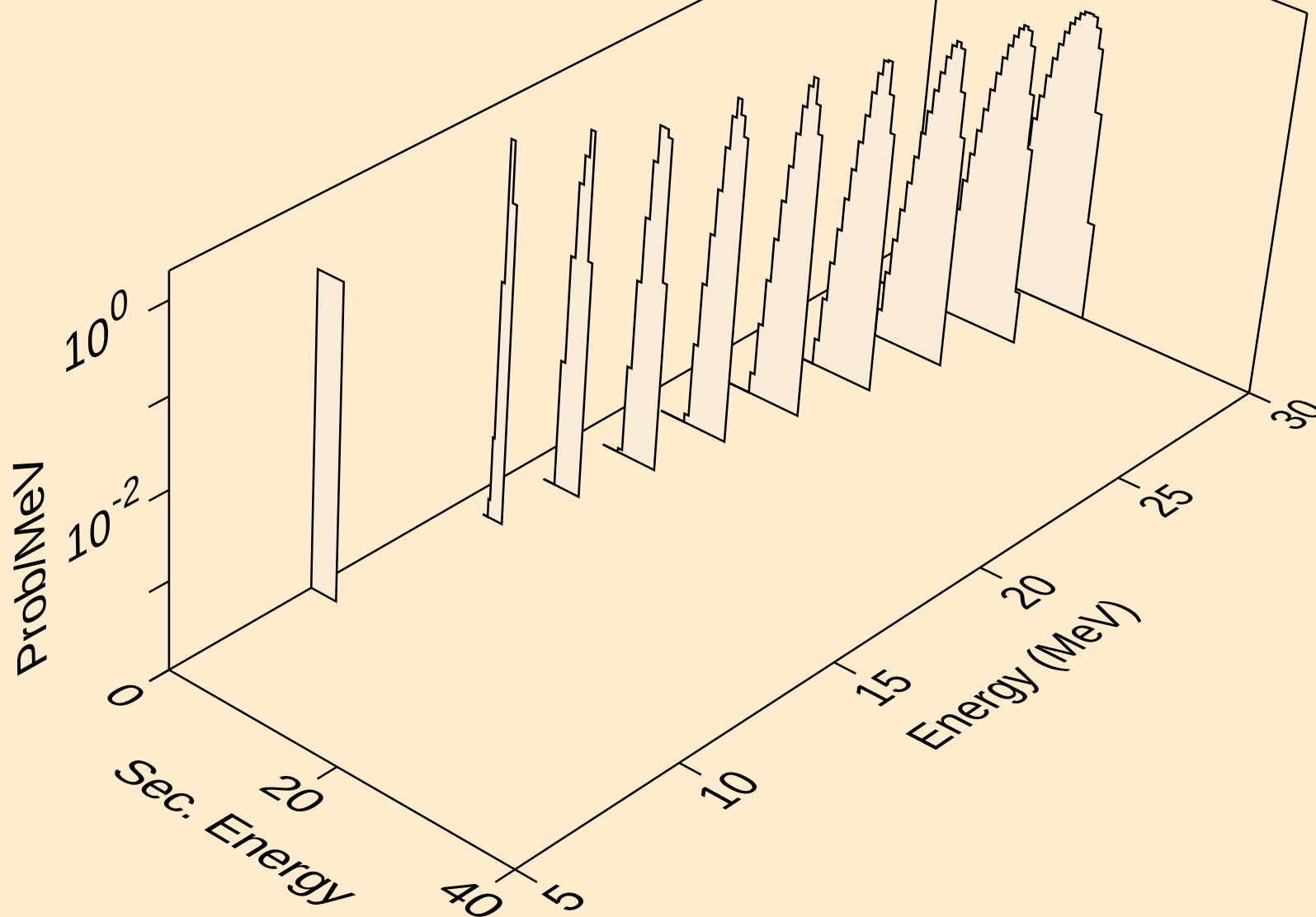
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tritons from (n,pt)



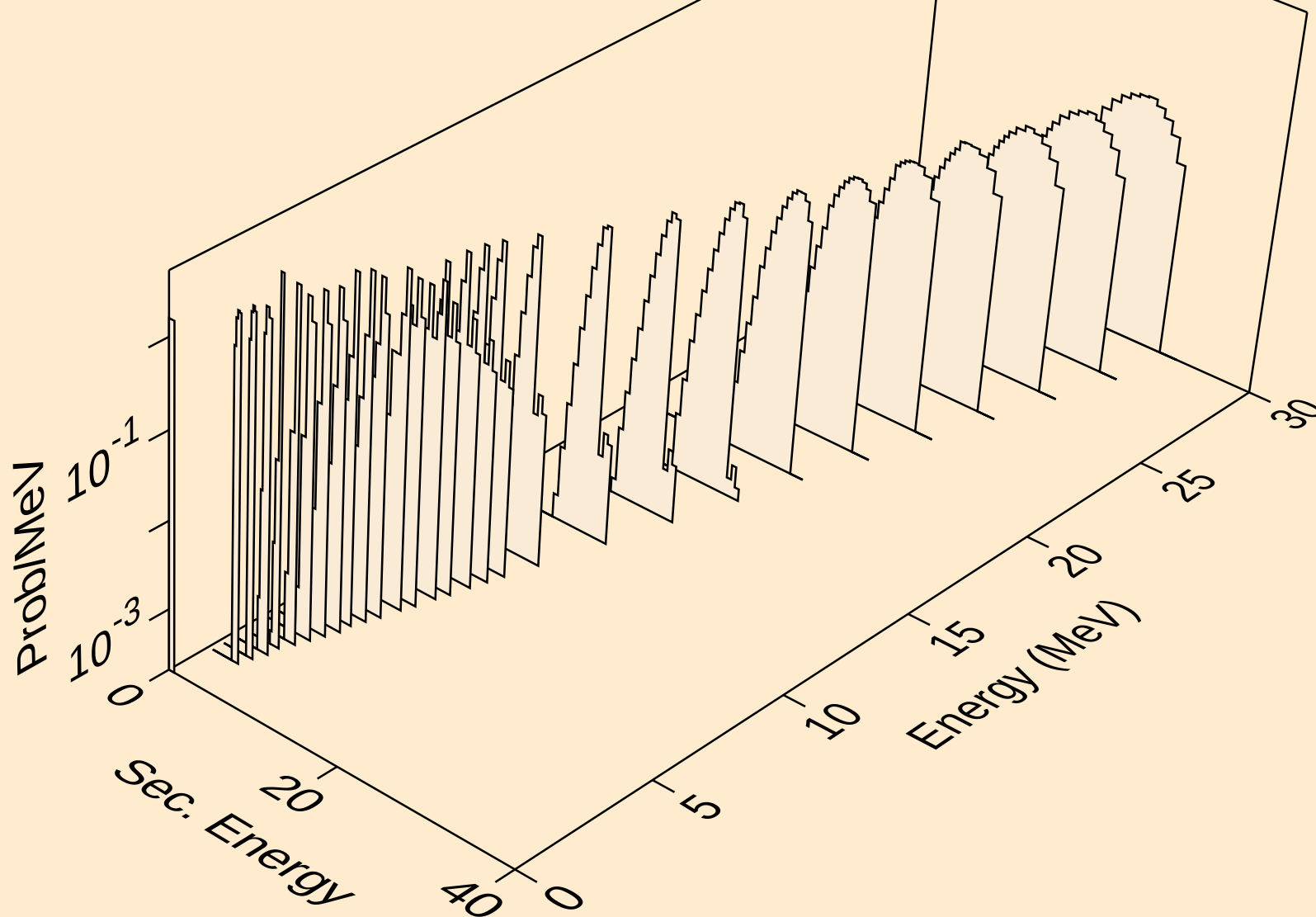
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



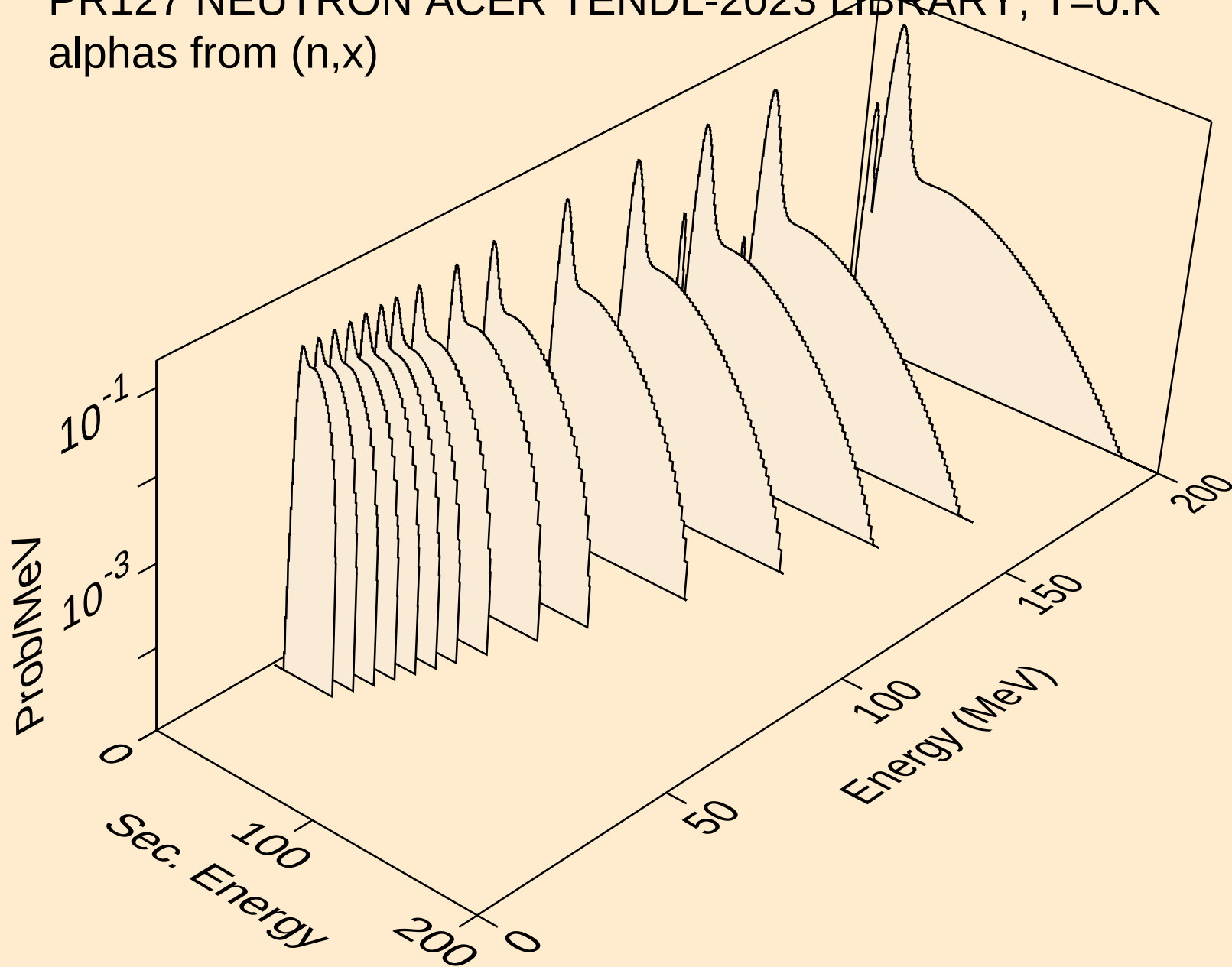
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he3s from (n,n*)he3



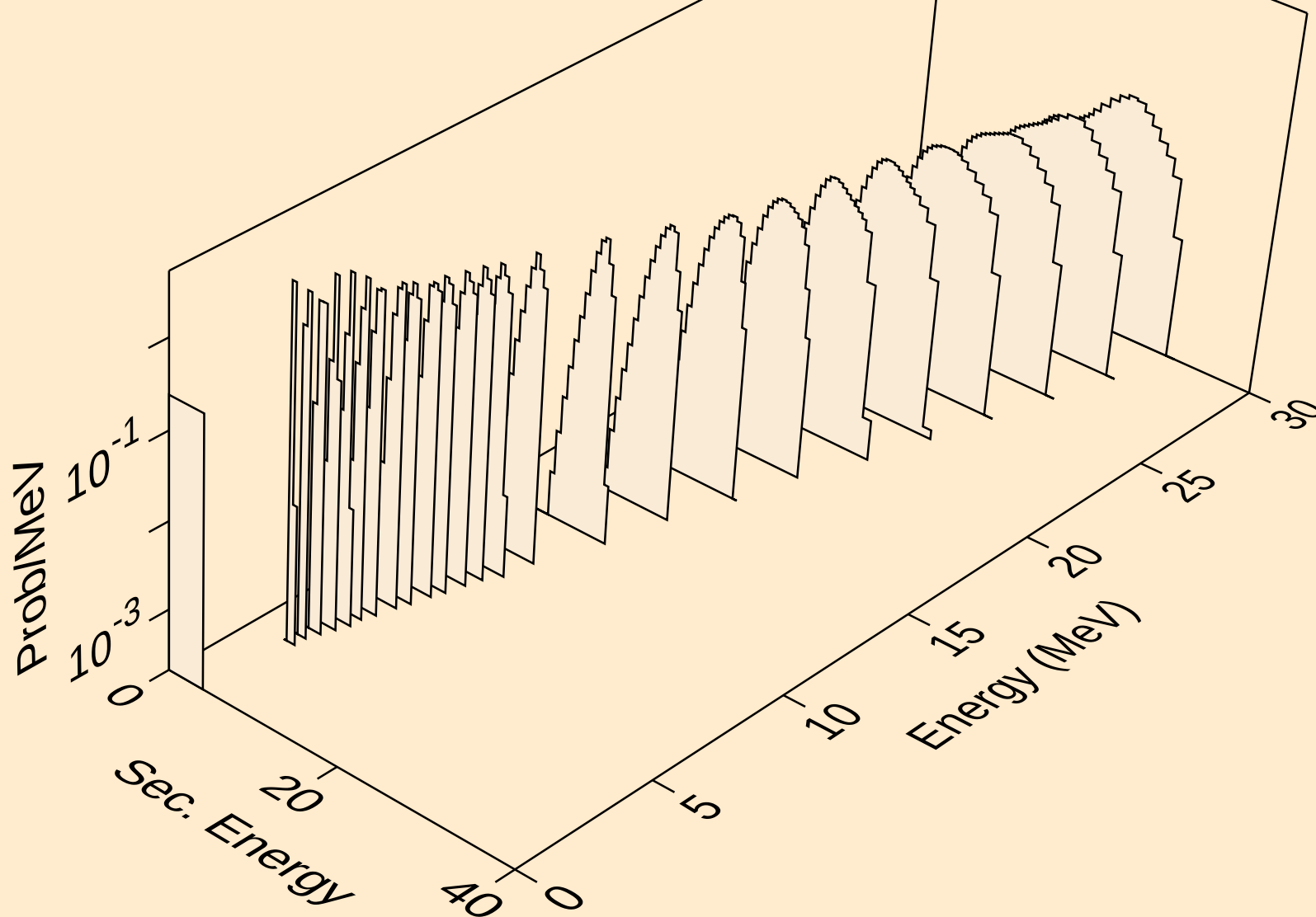
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



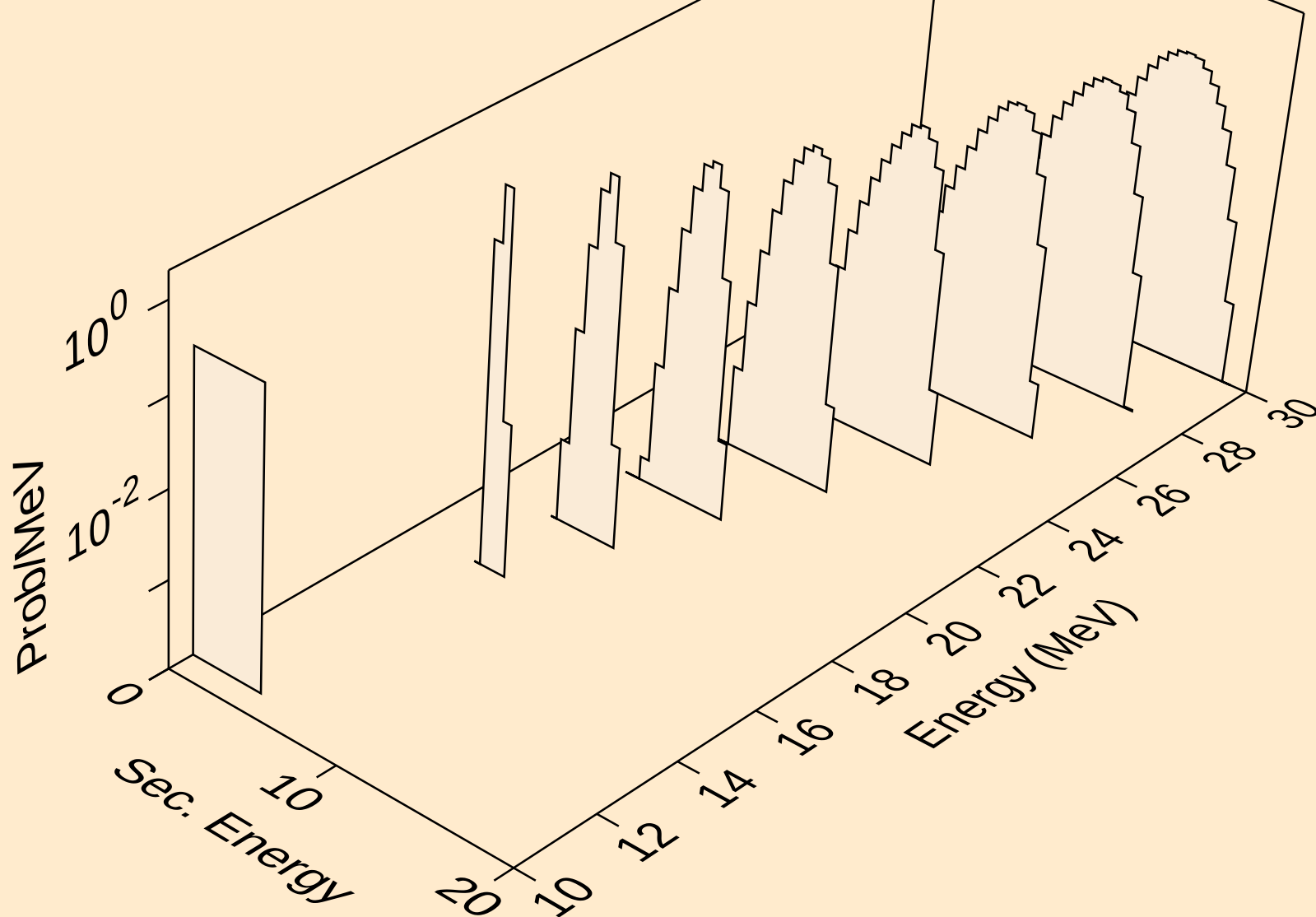
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



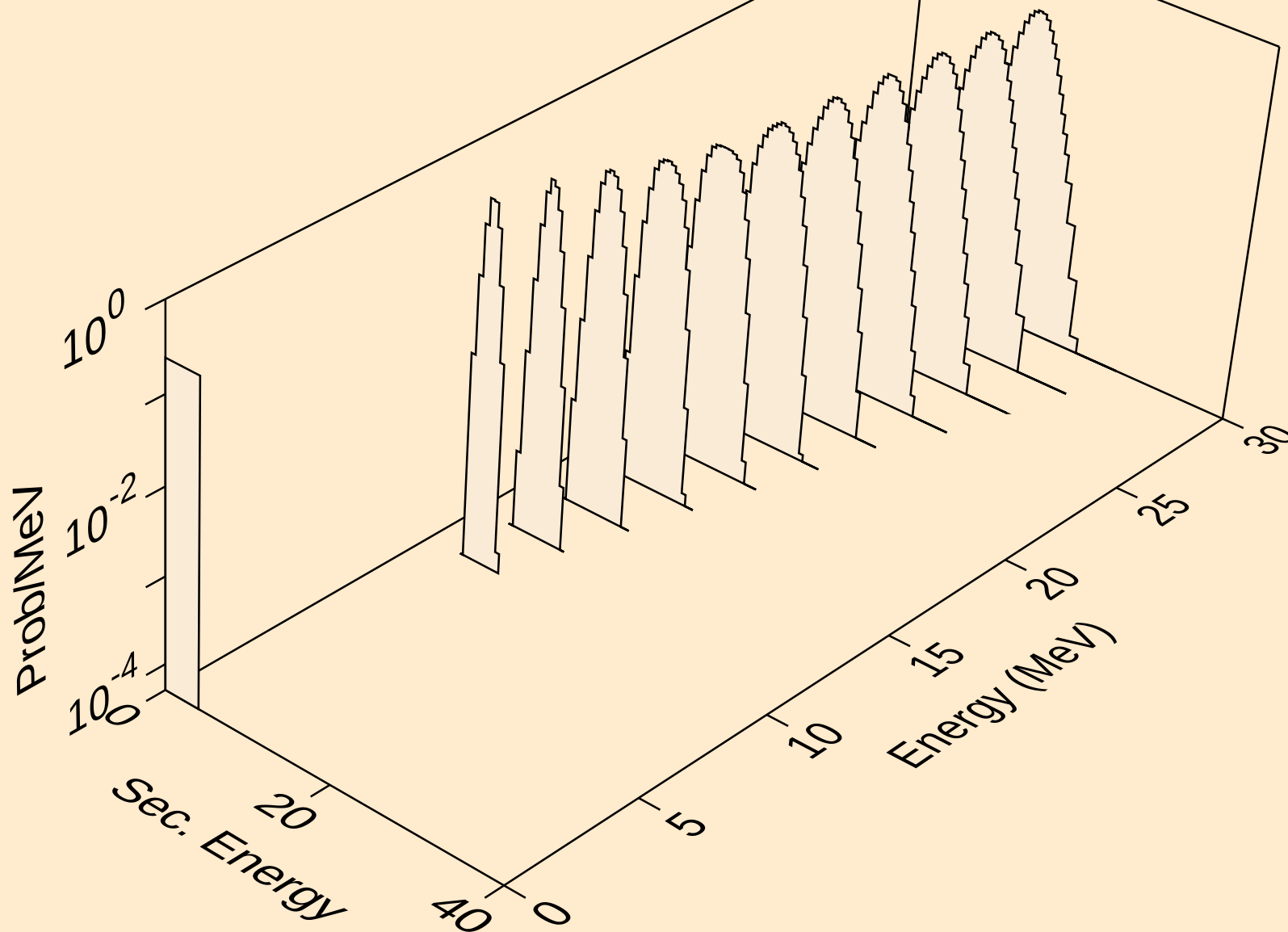
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



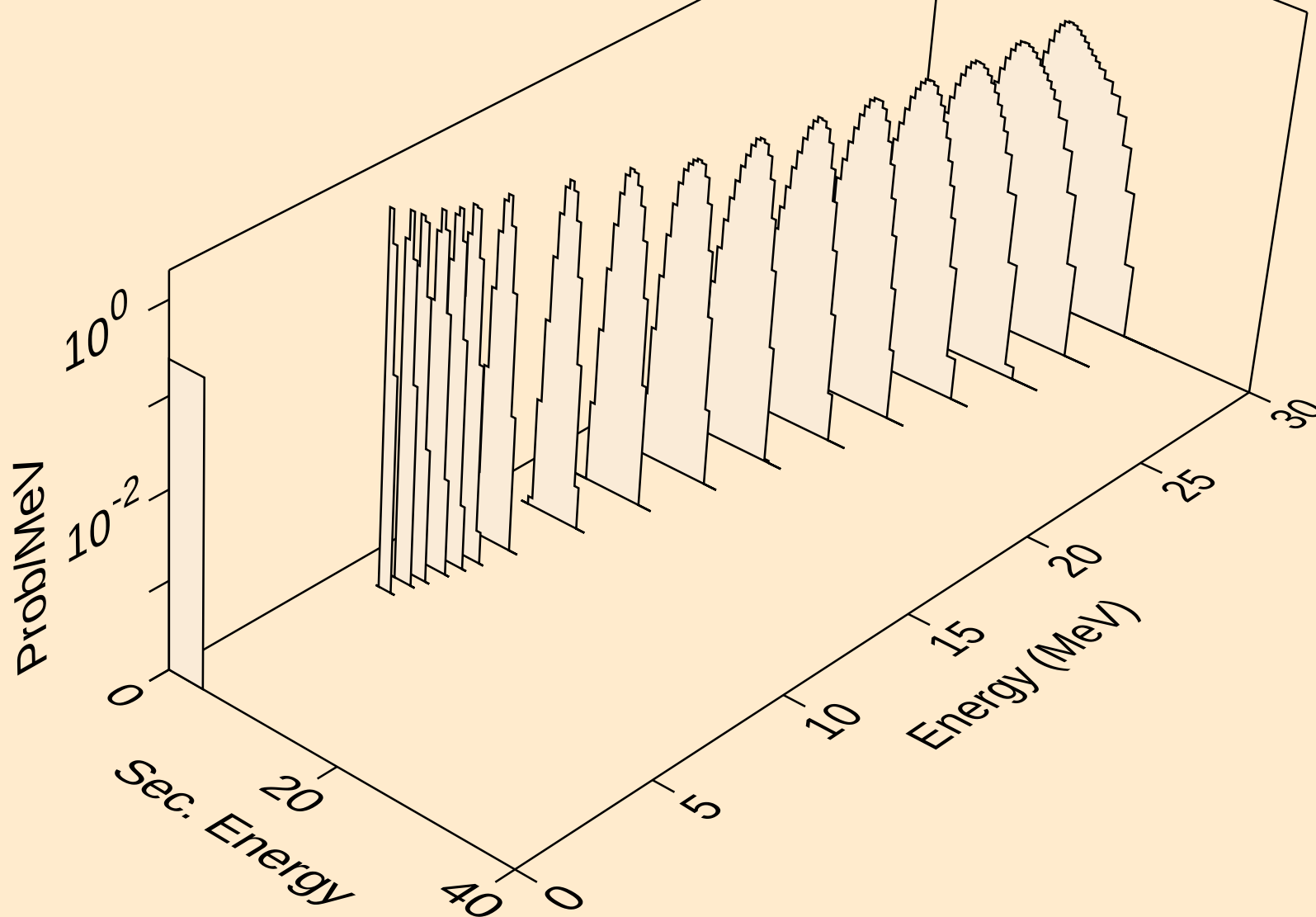
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



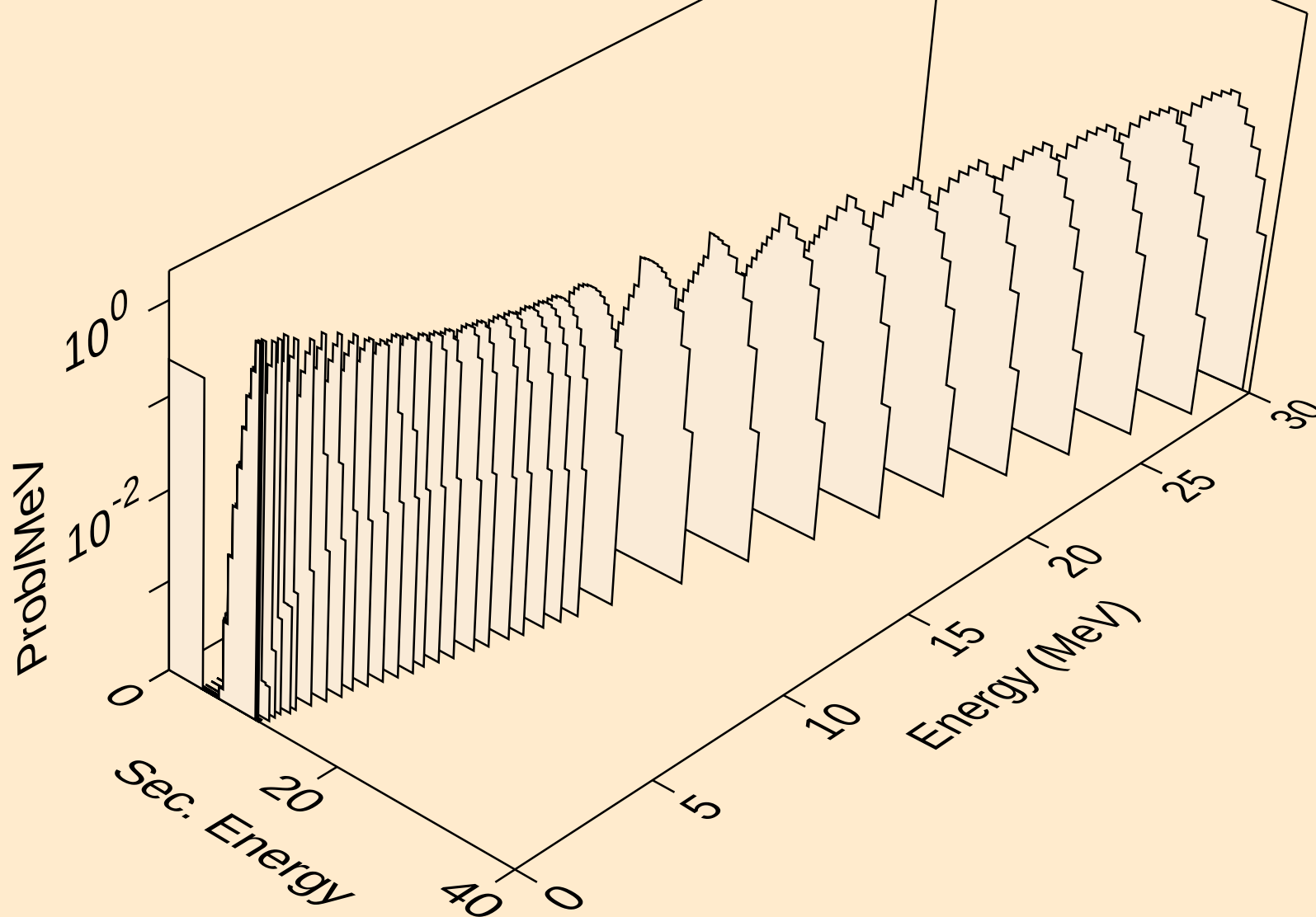
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alphas from (n,n*)2a



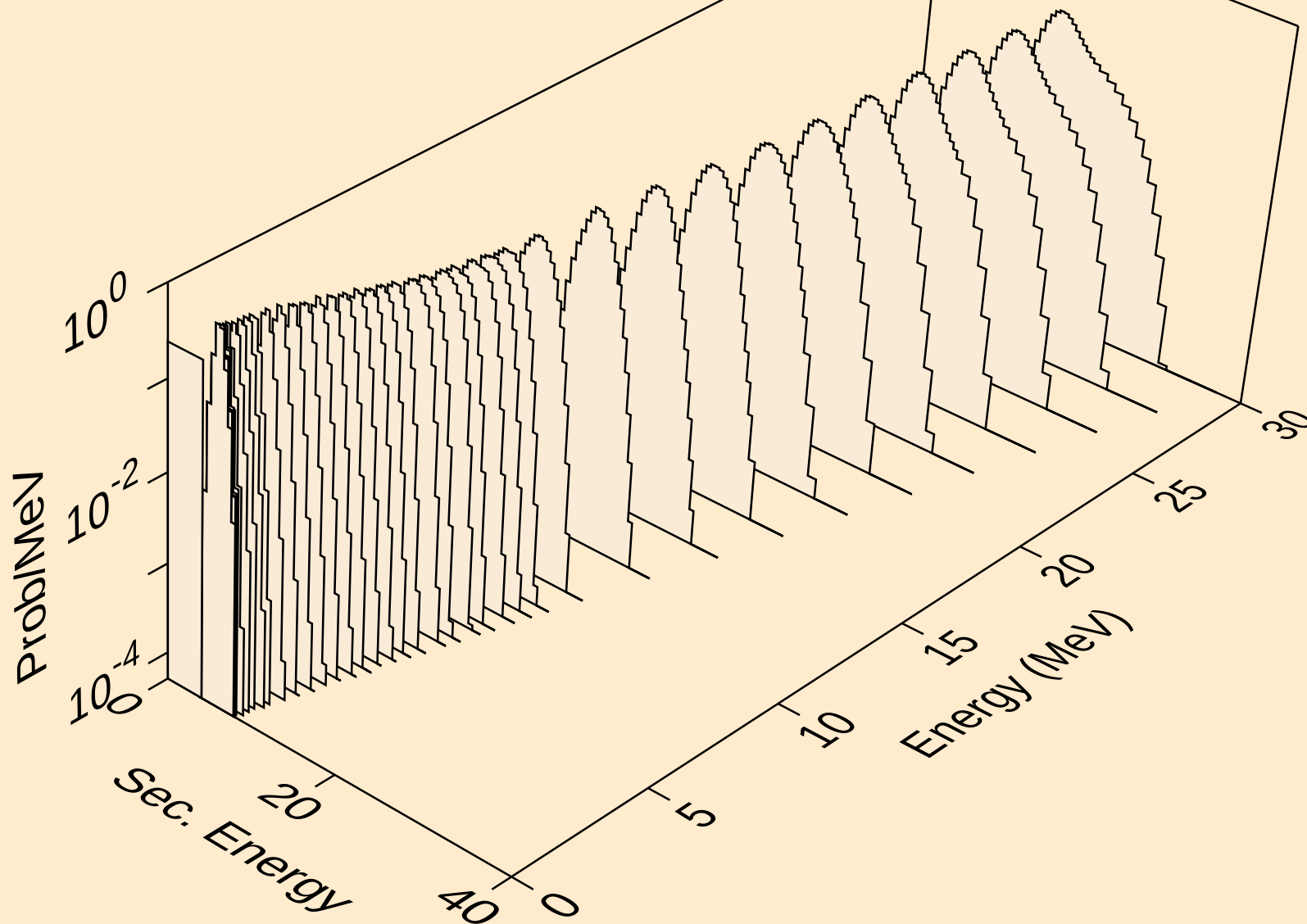
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



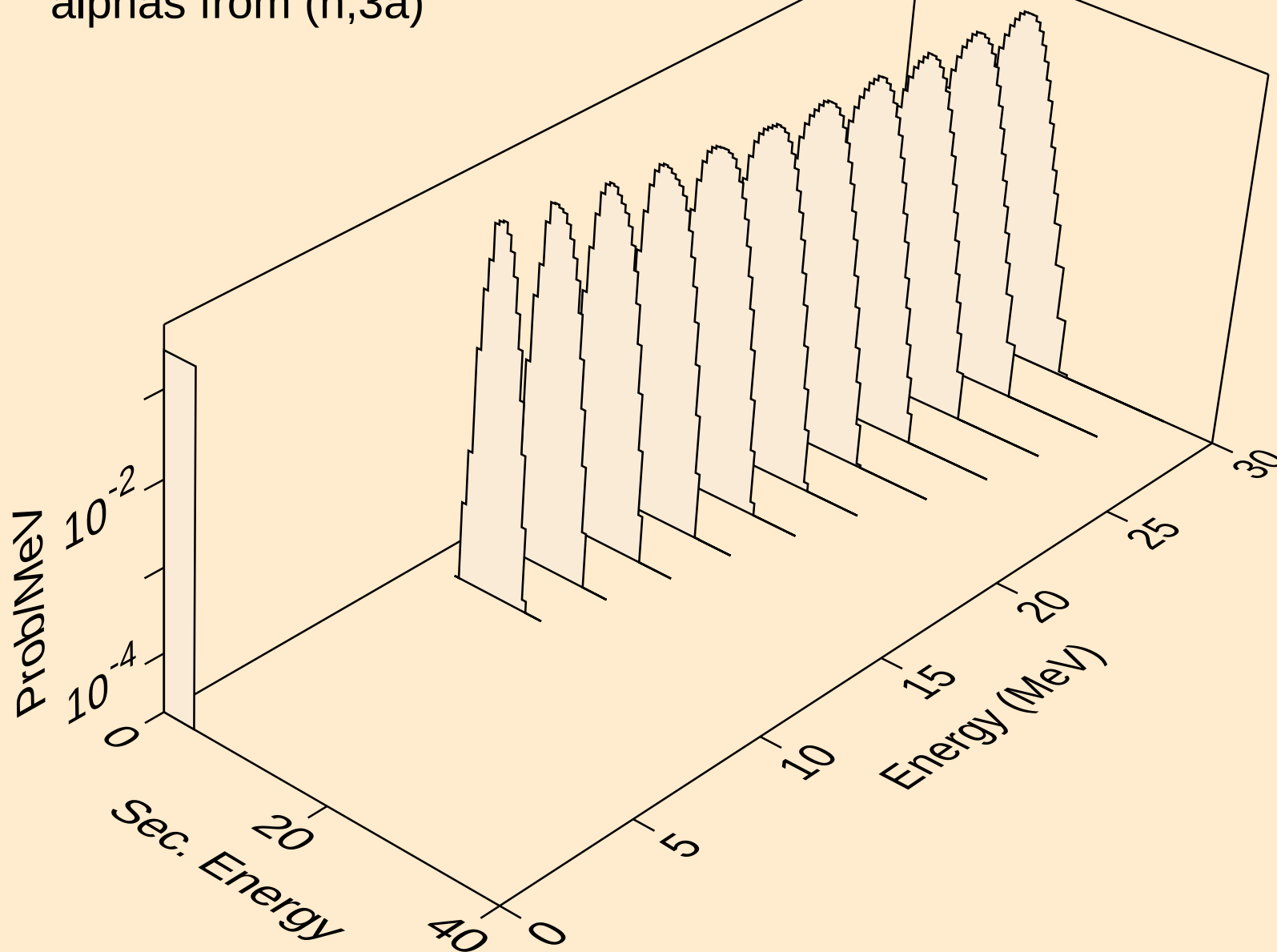
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



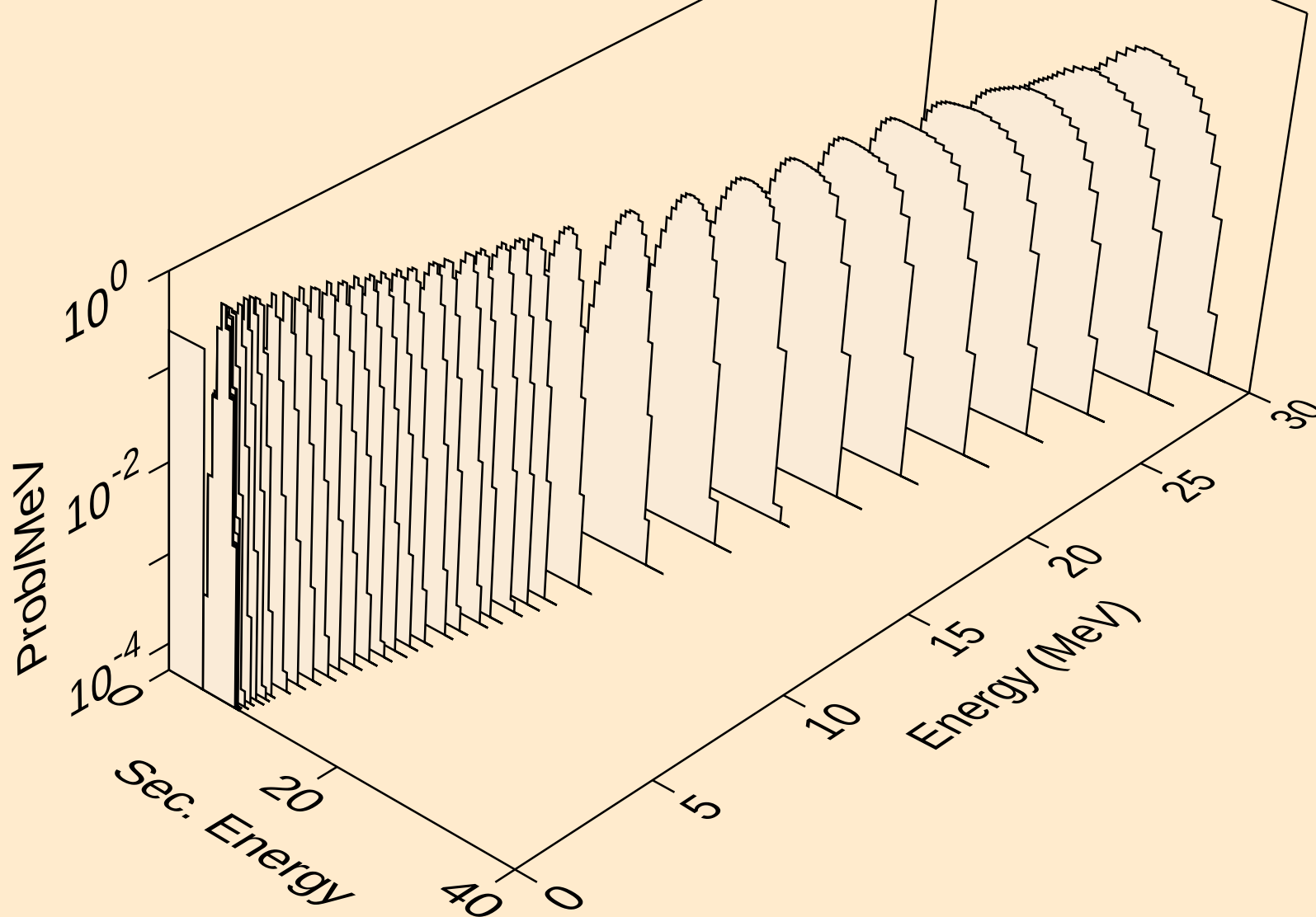
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



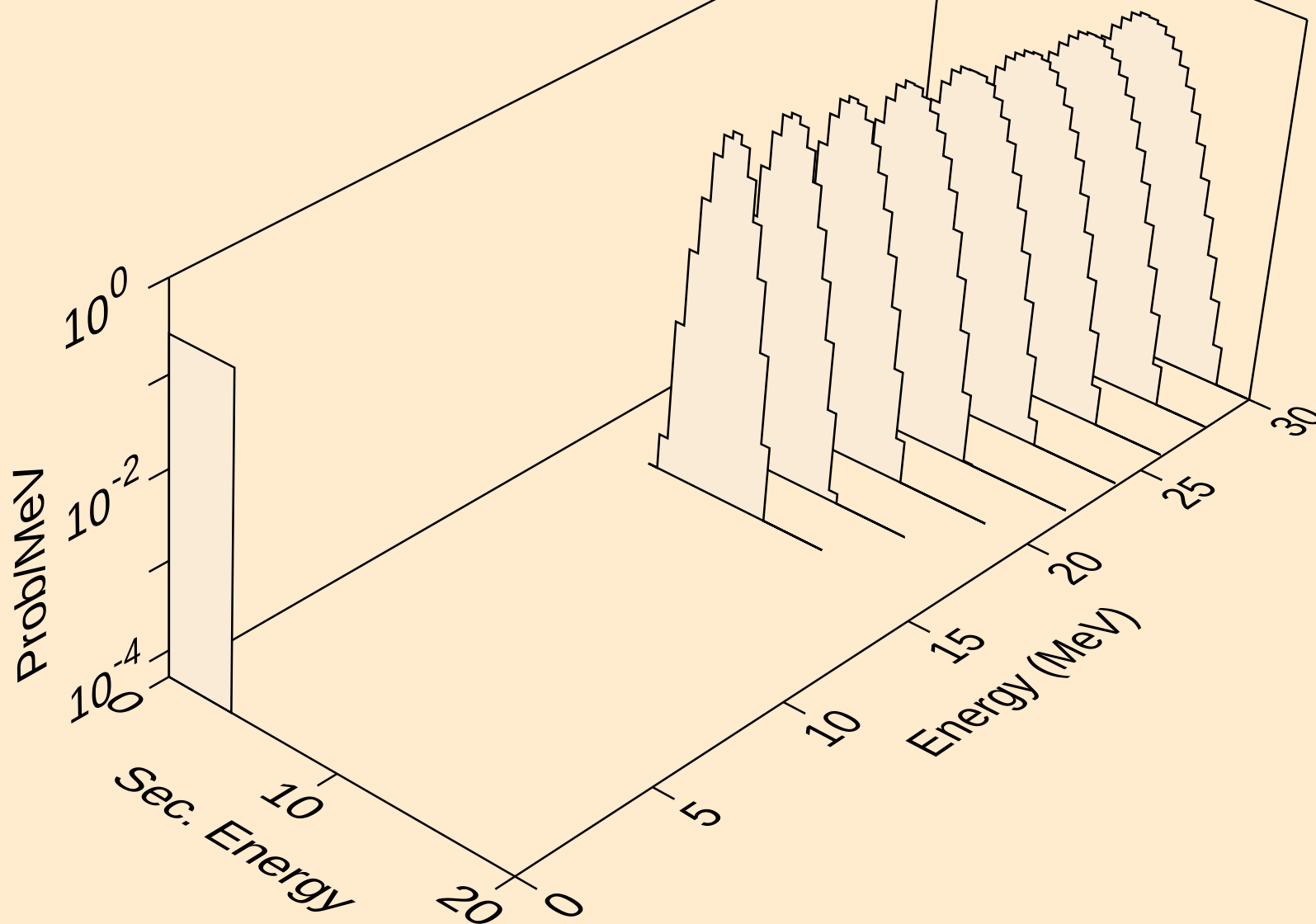
PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3a)



PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,d2a)



PR127 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

