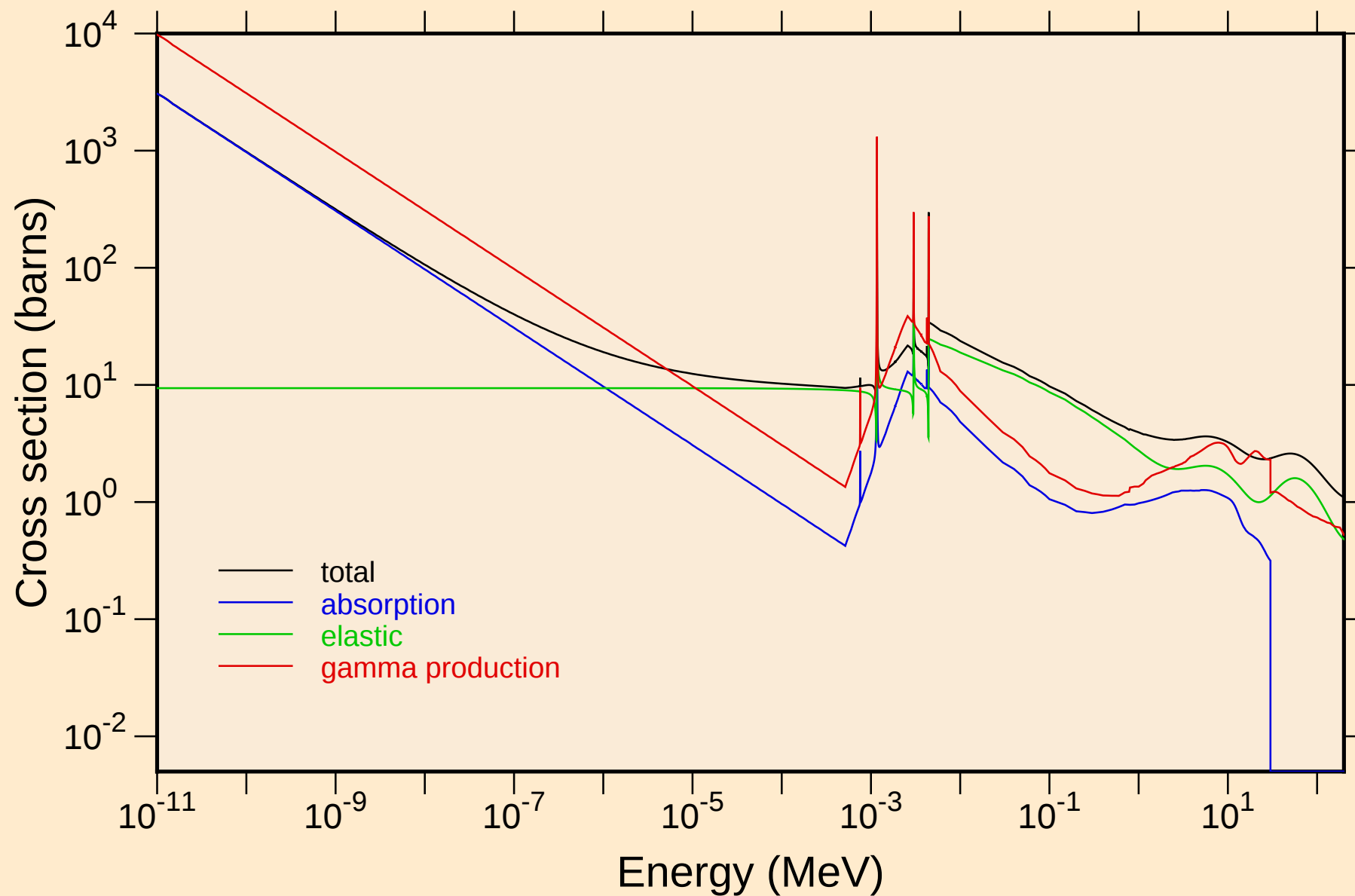
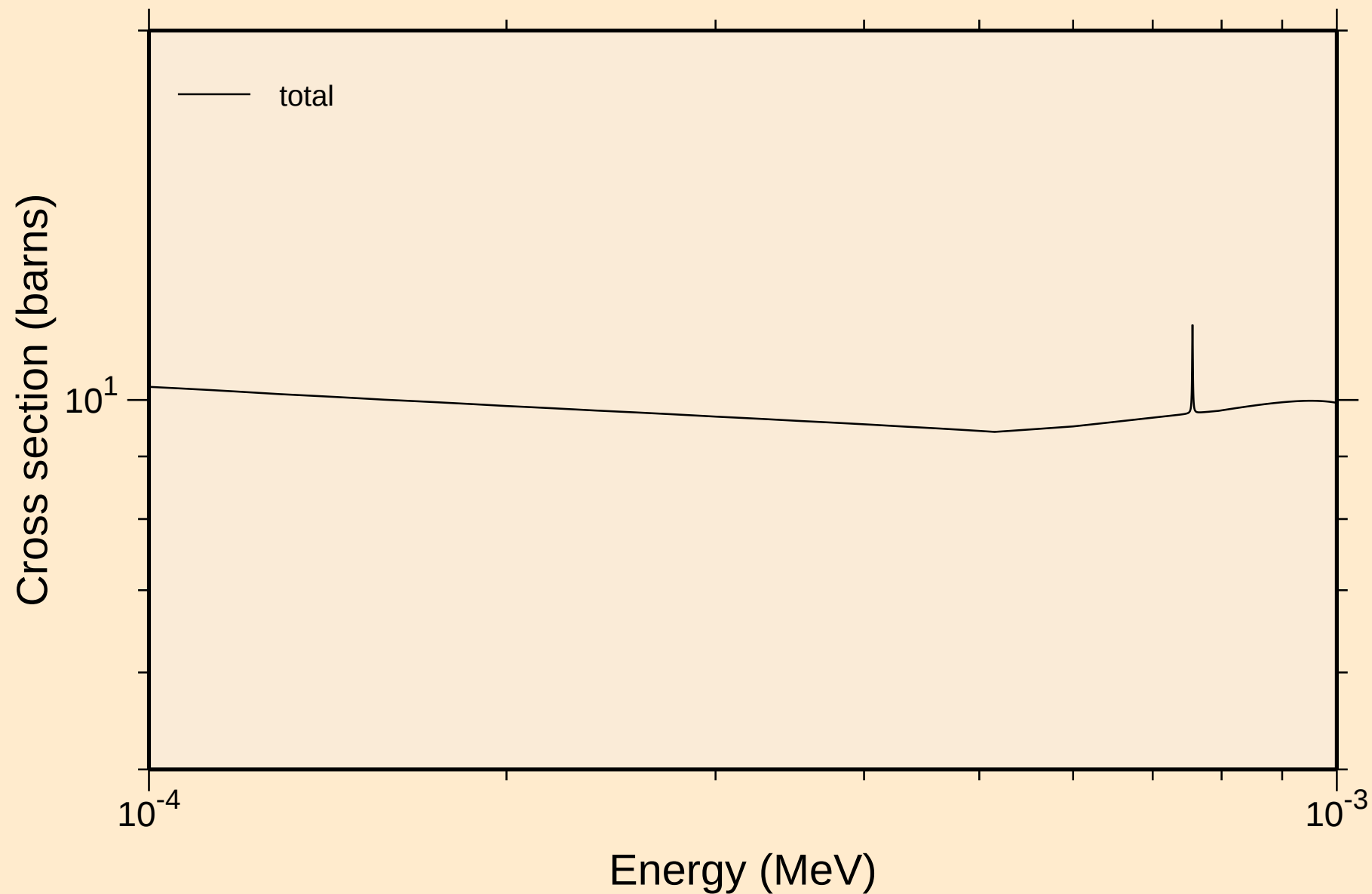


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

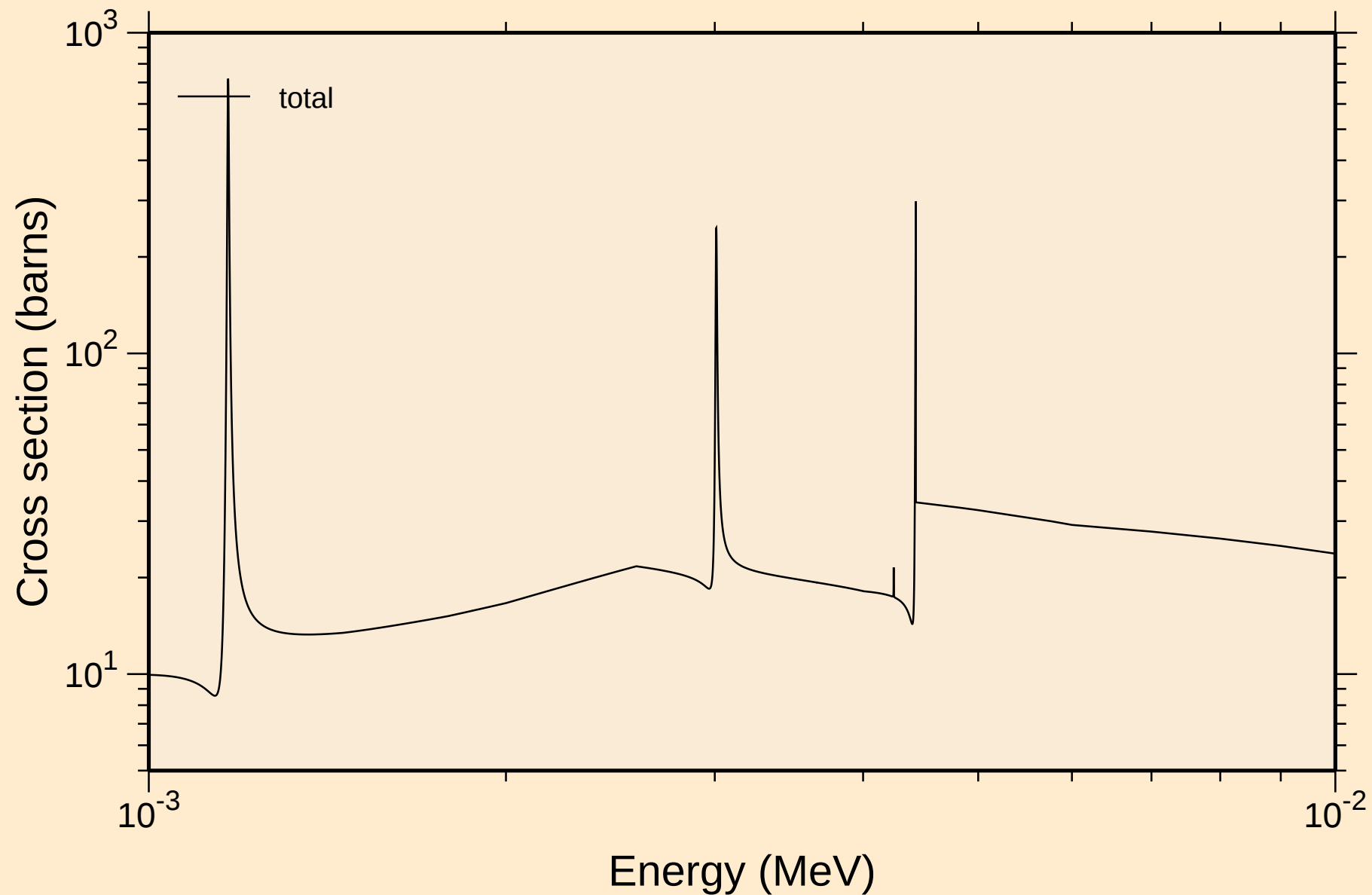
Principal cross sections



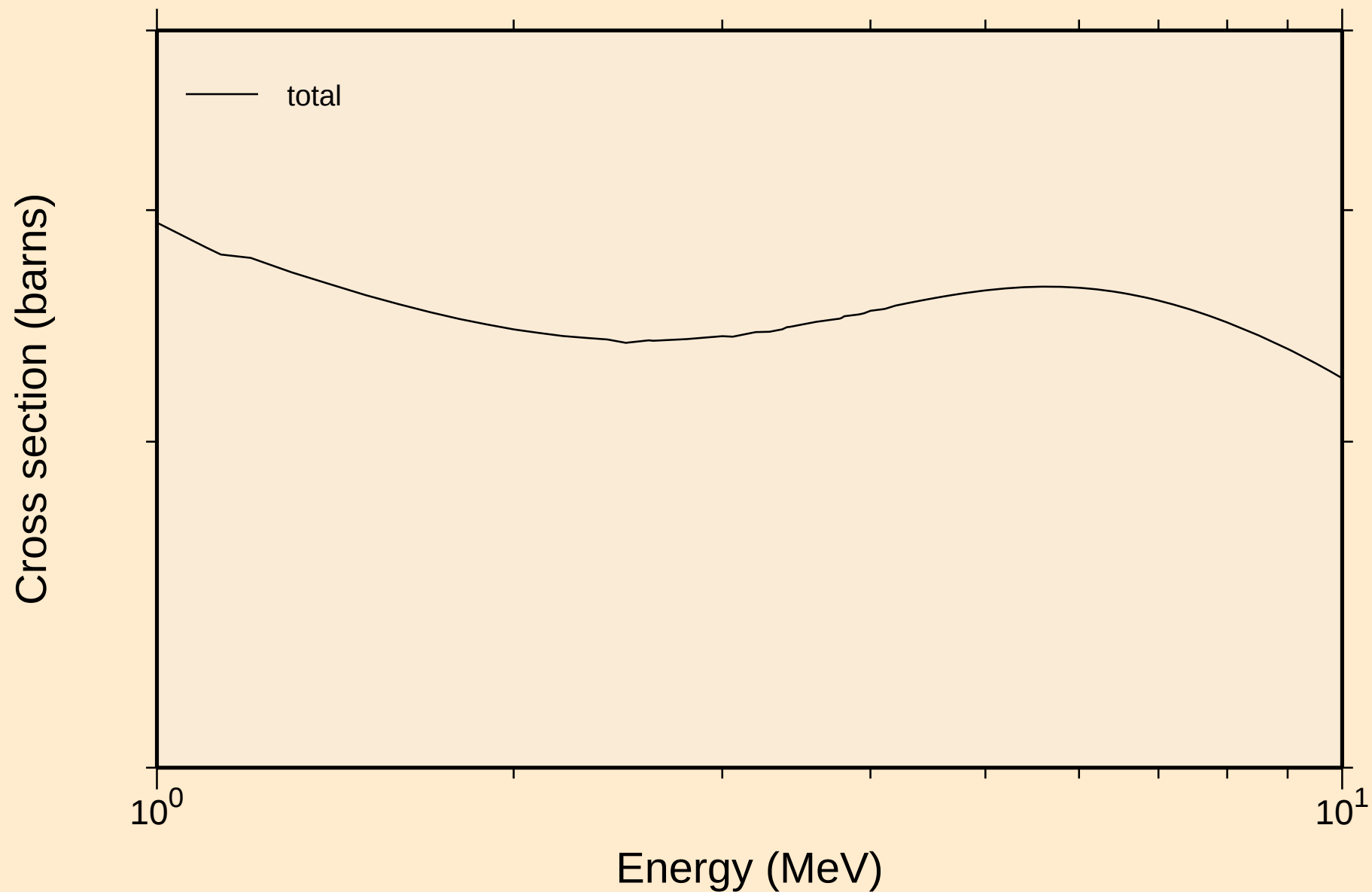
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



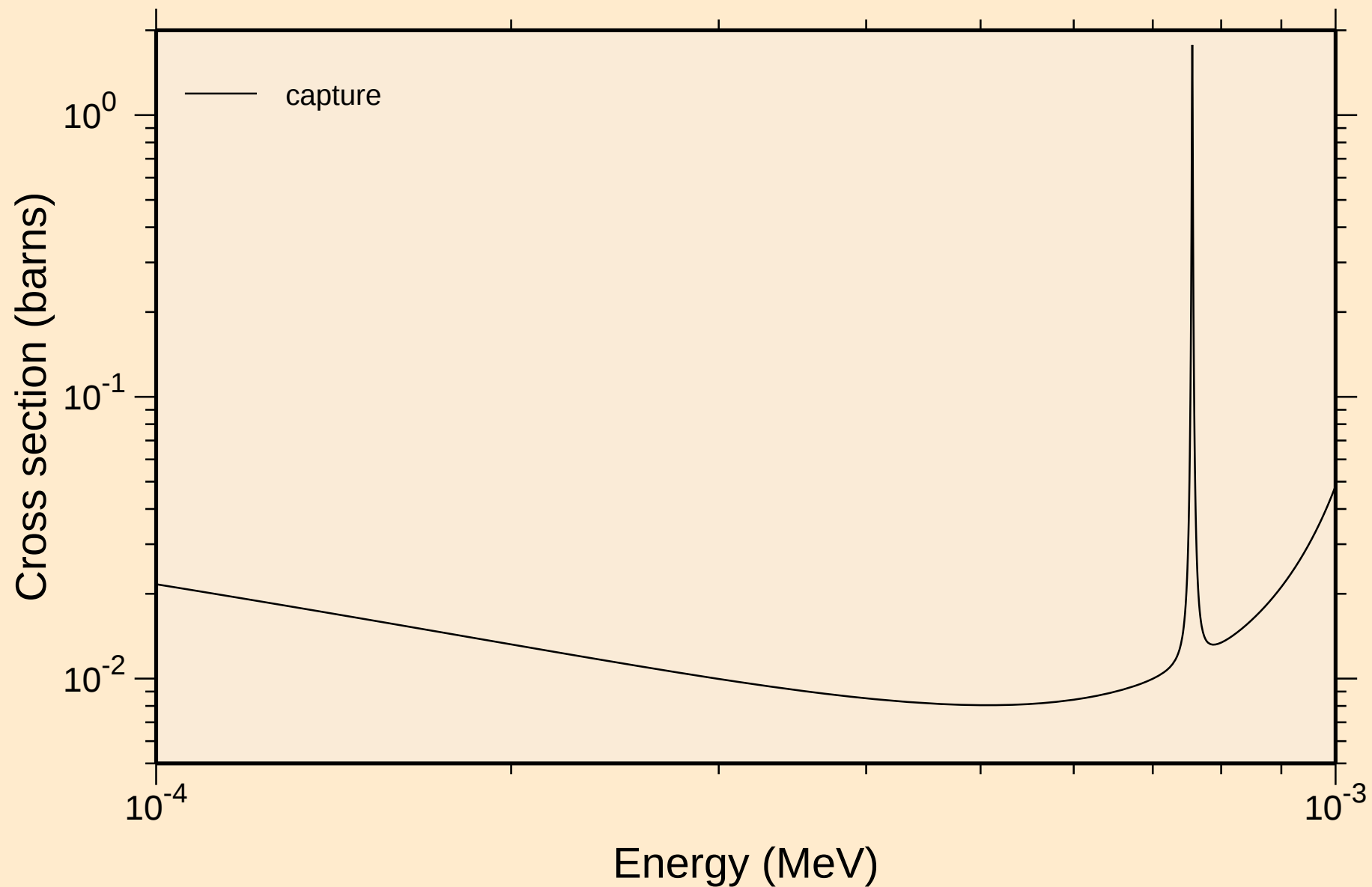
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



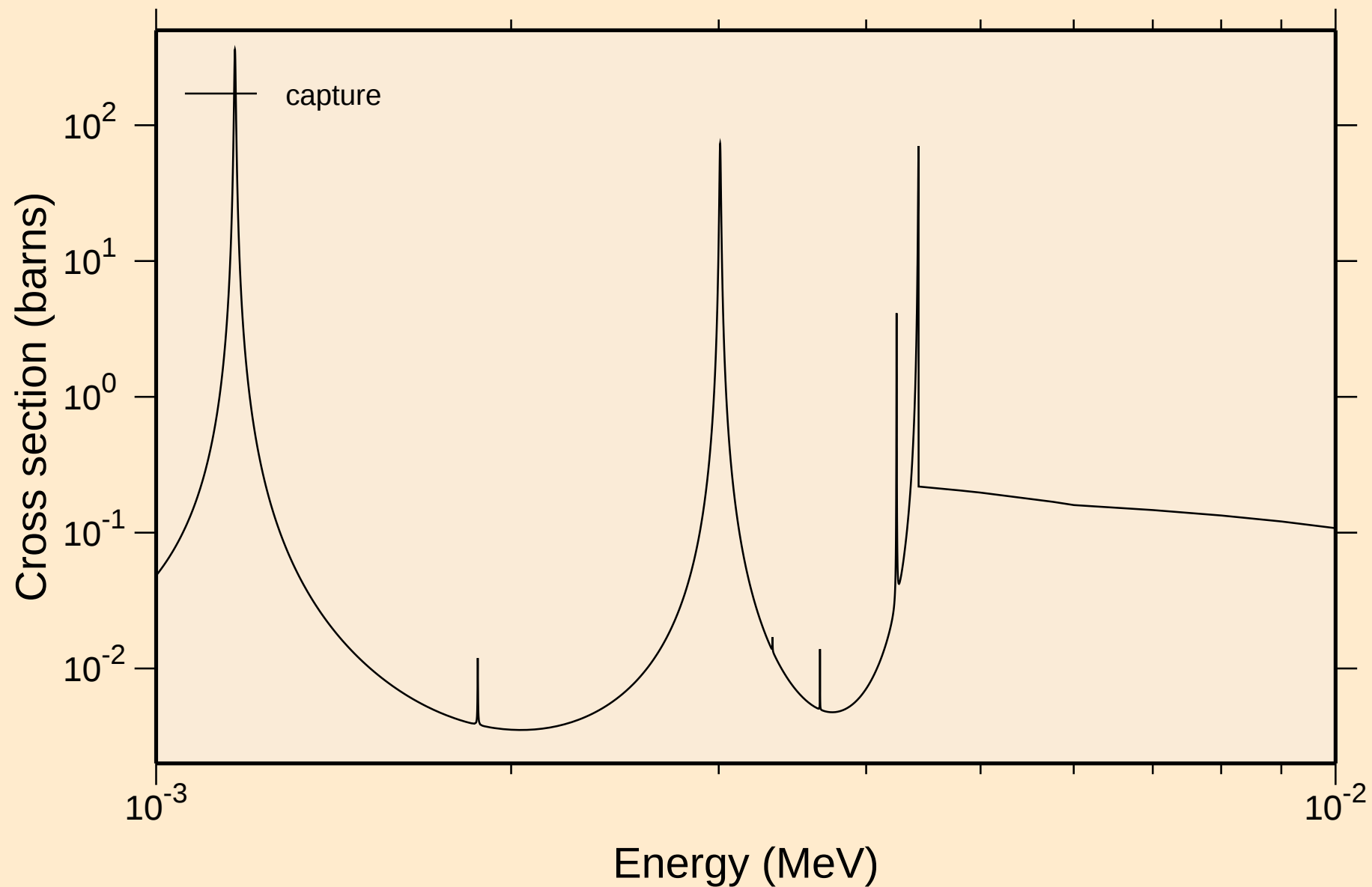
Ni057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



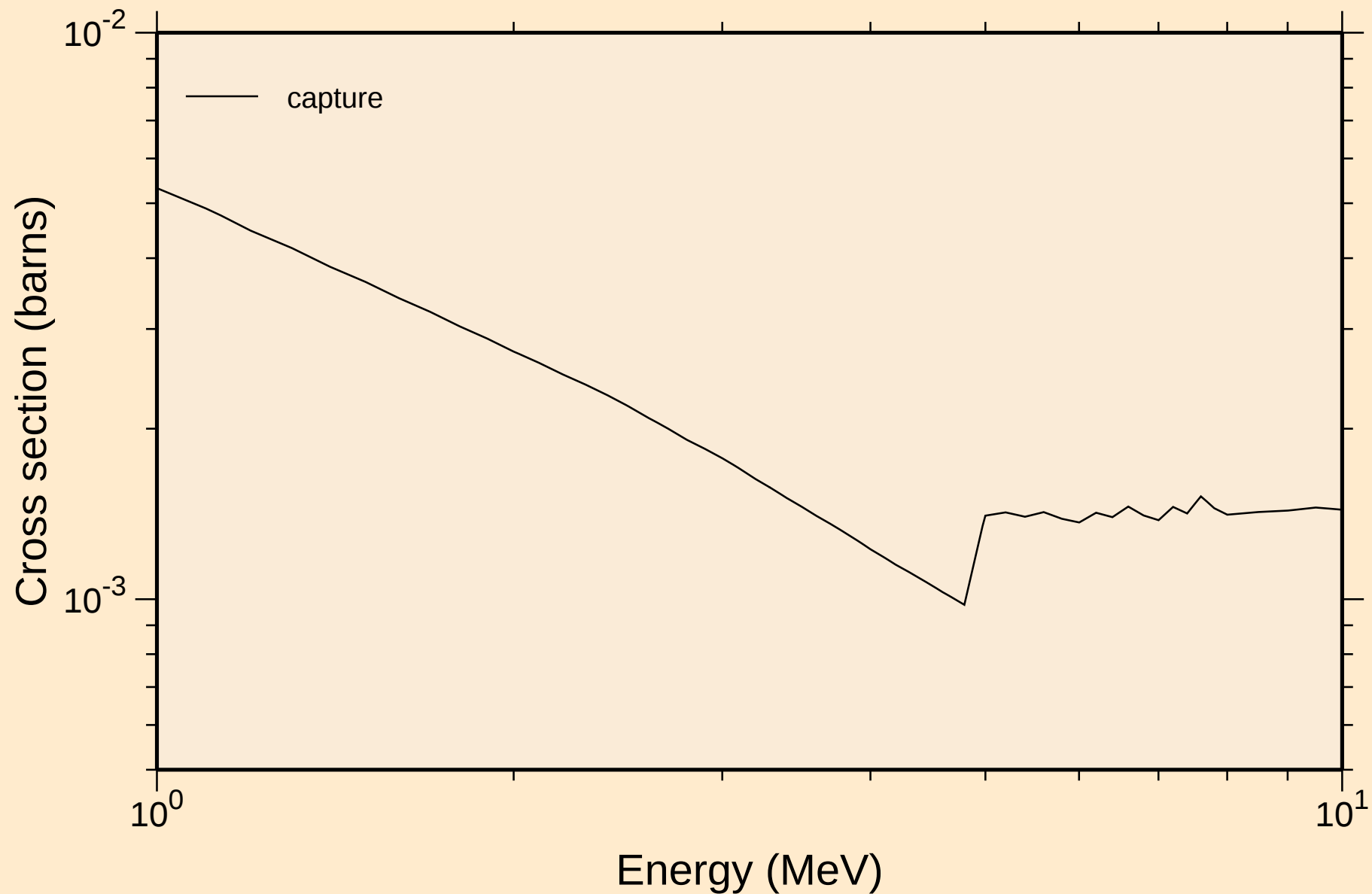
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections

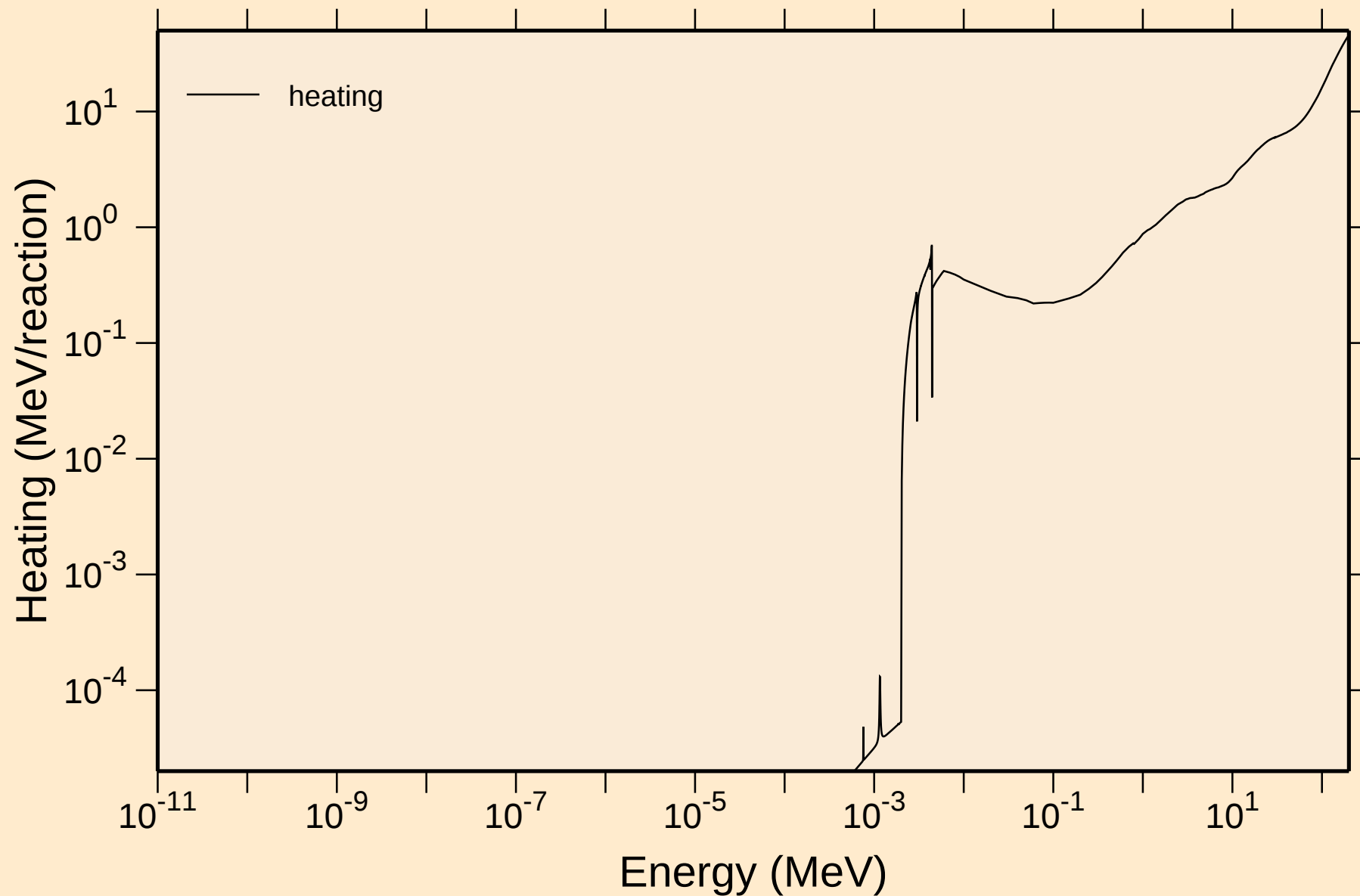


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



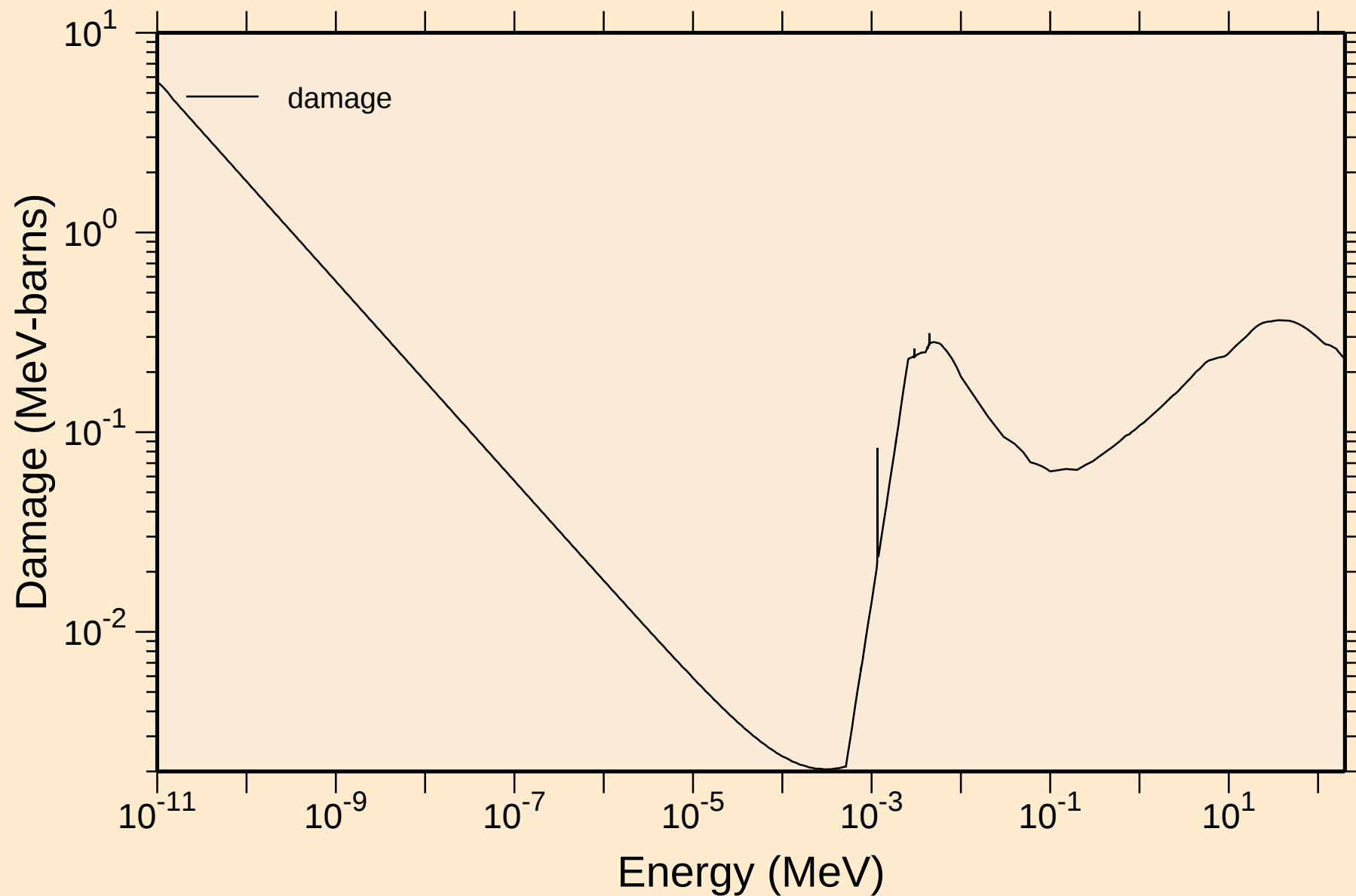
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

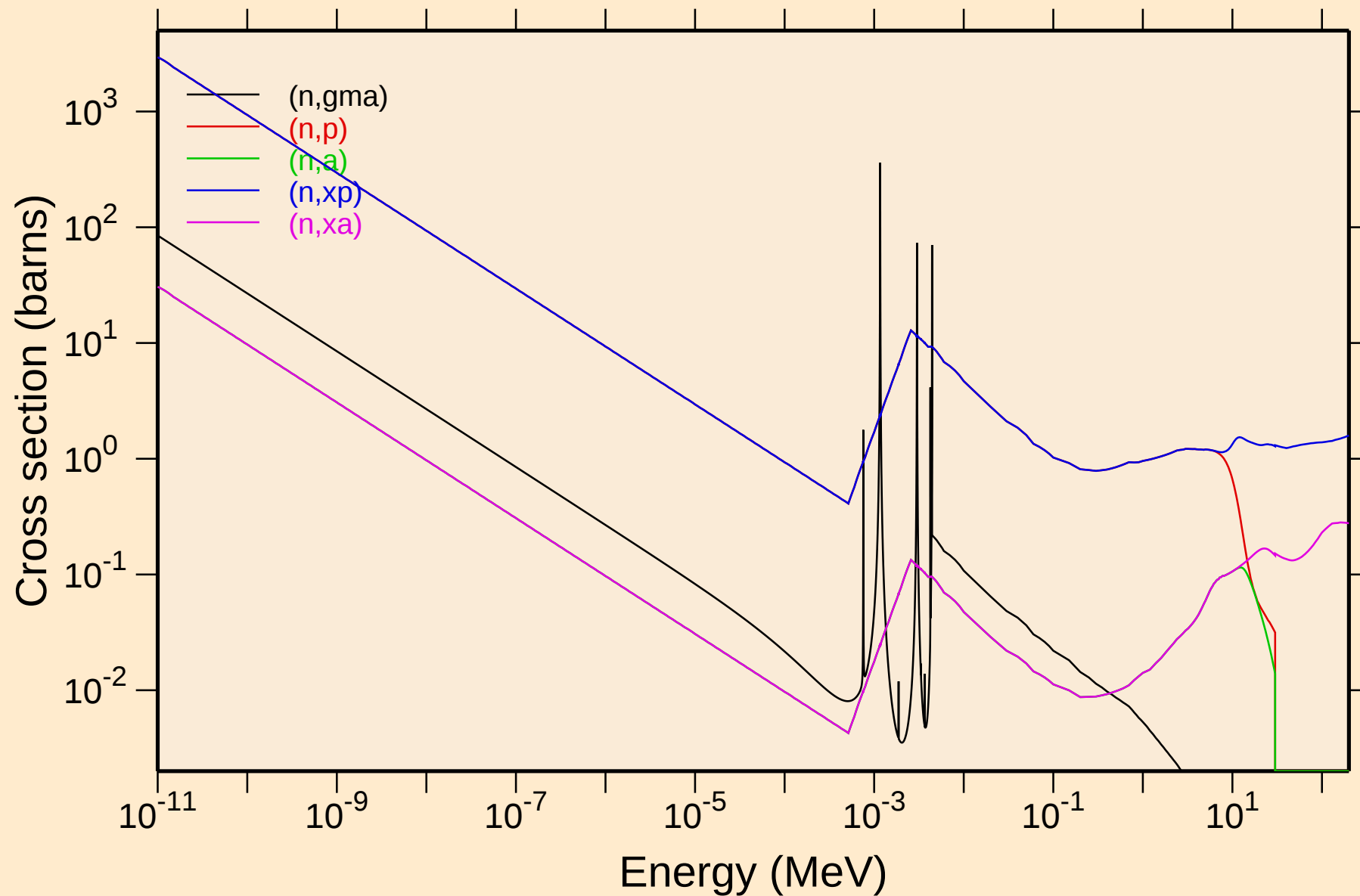


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

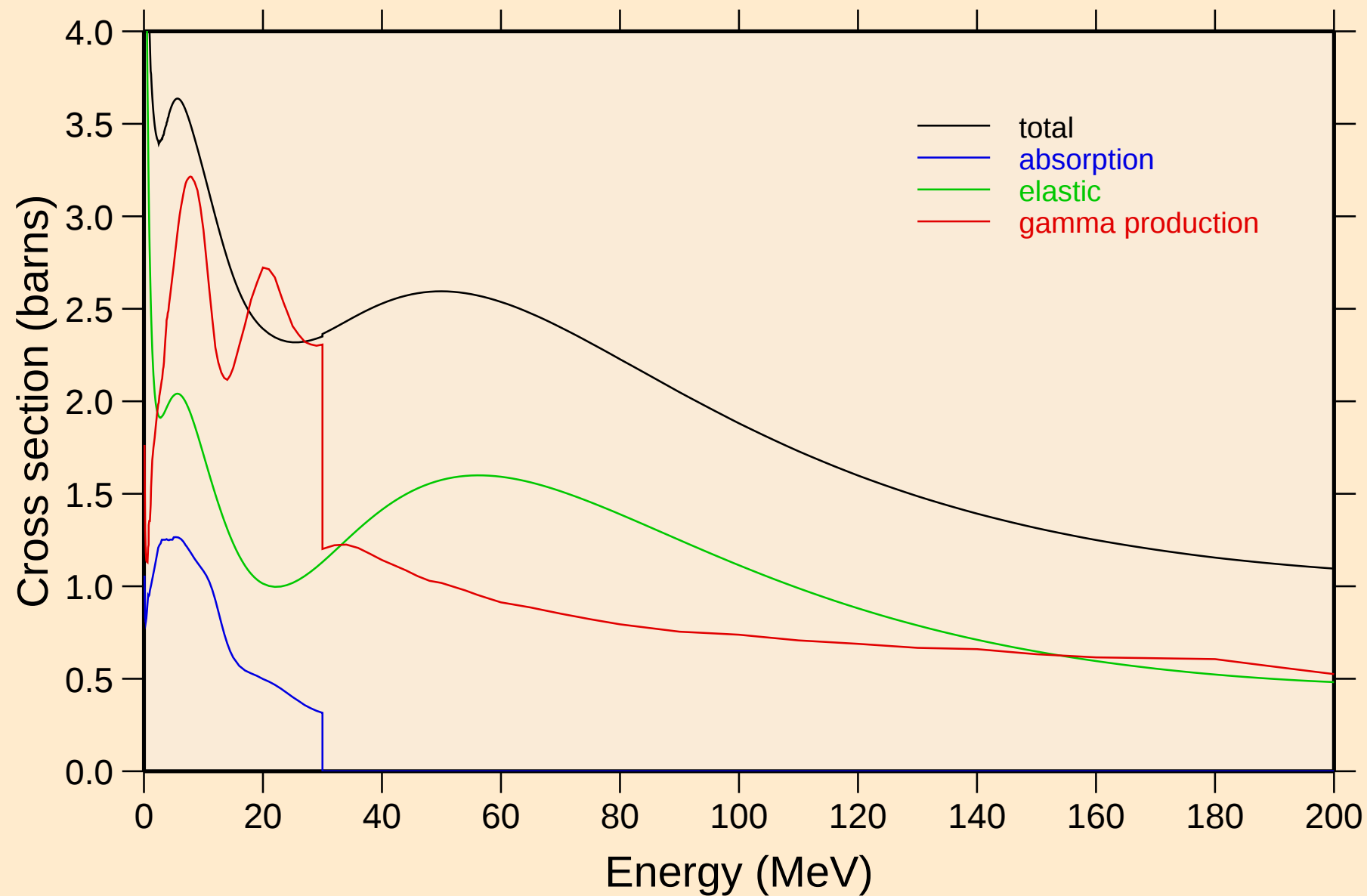


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



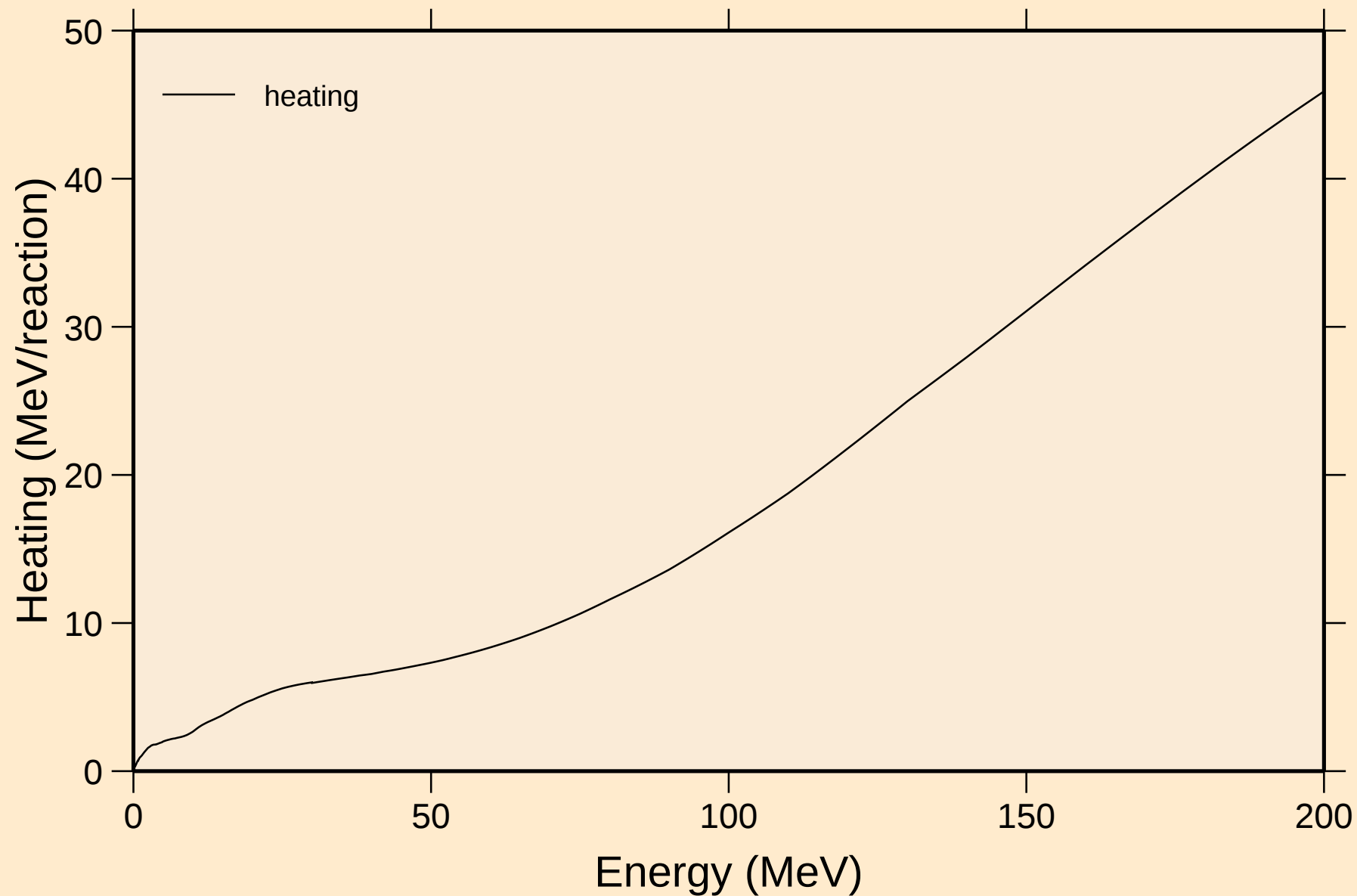
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



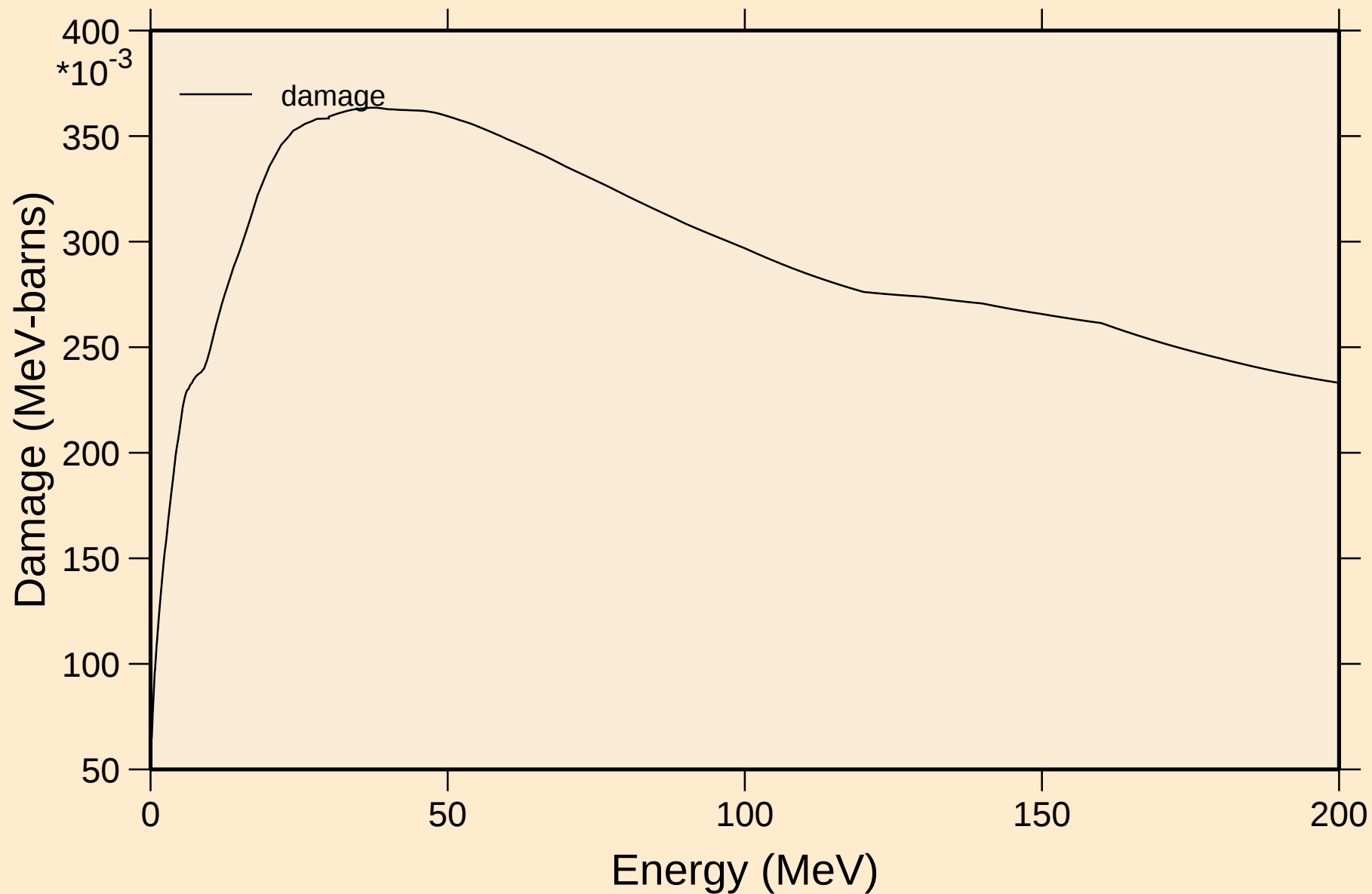
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

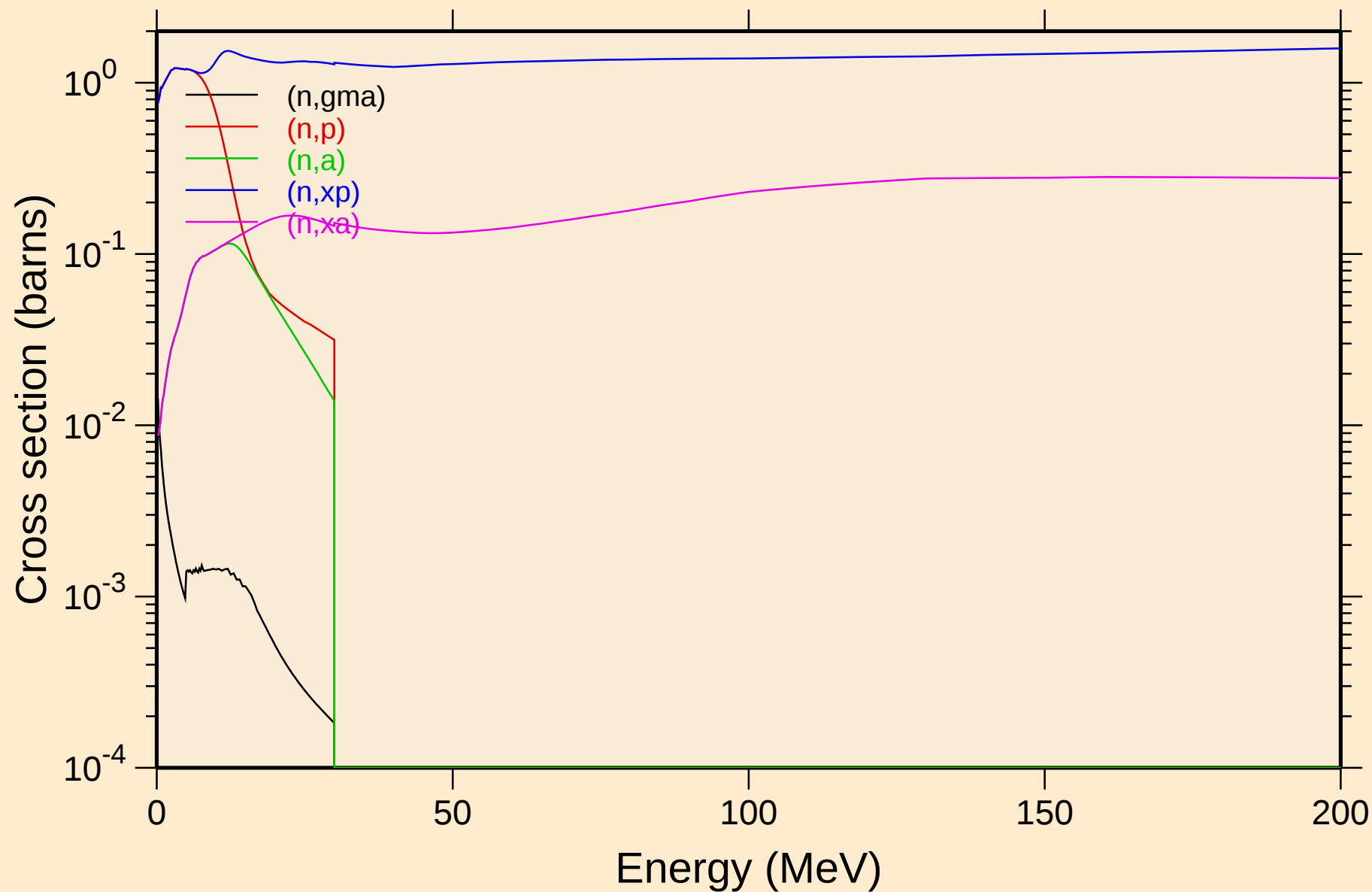


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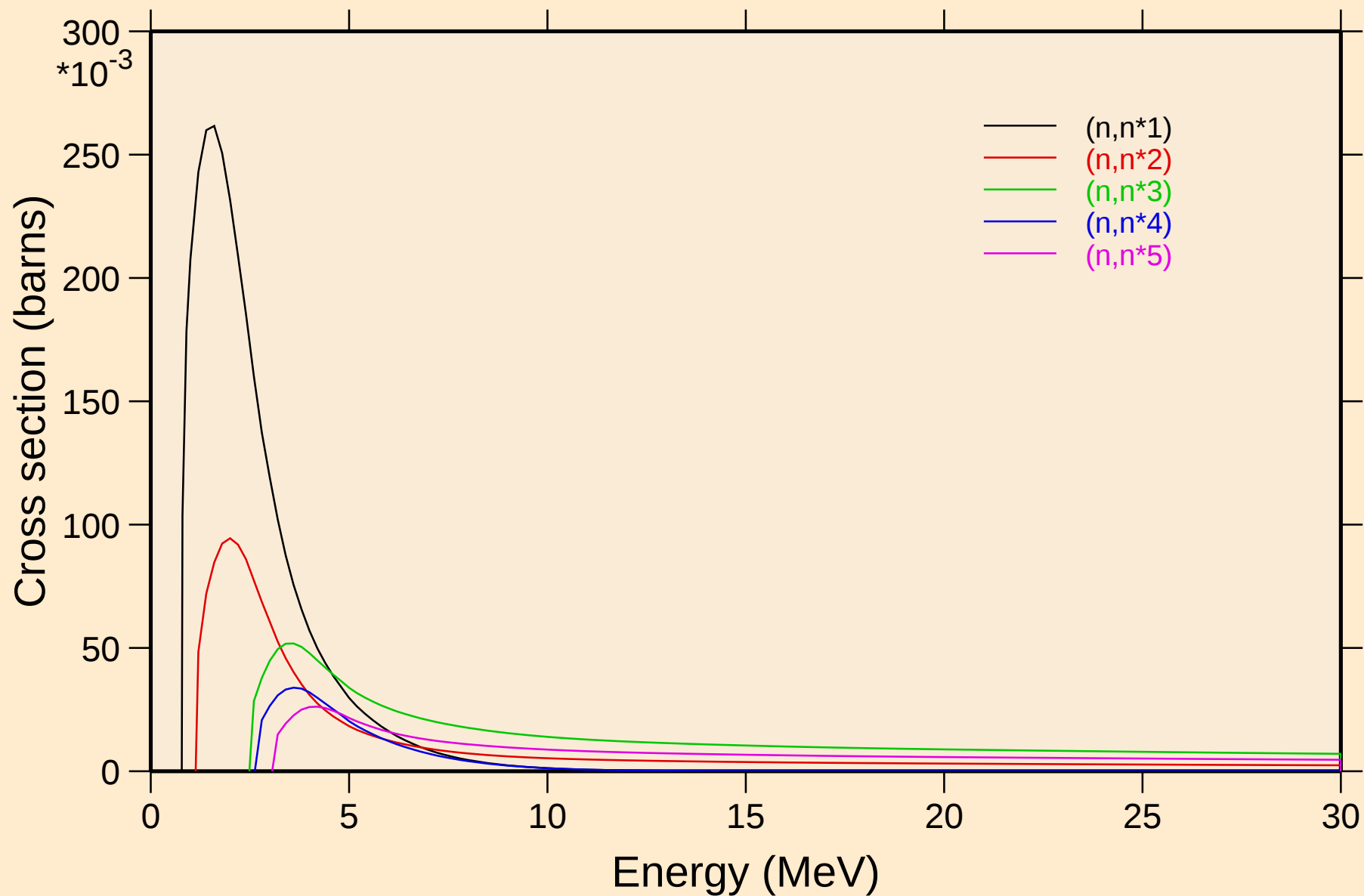
Damage



NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

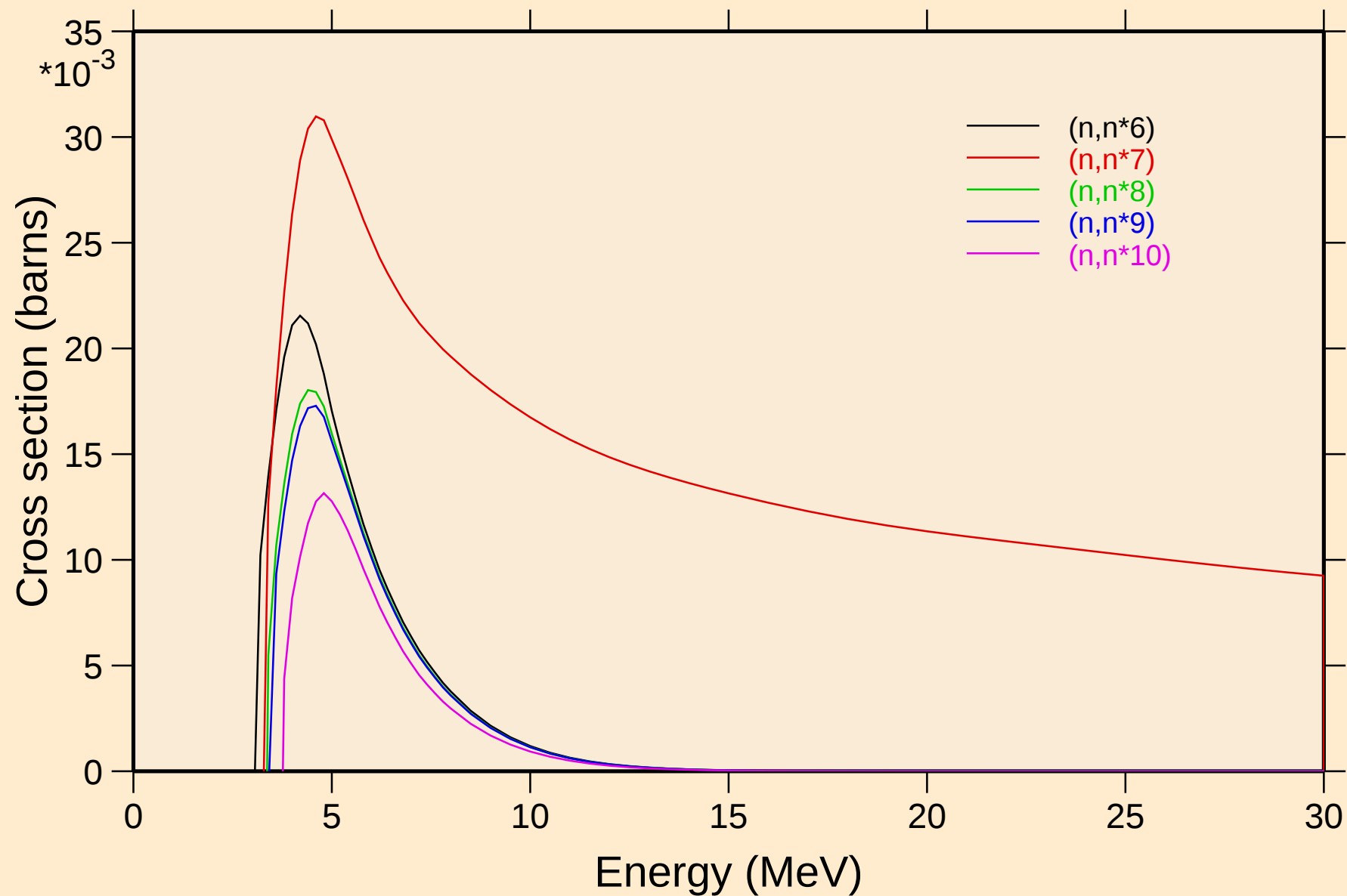


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels

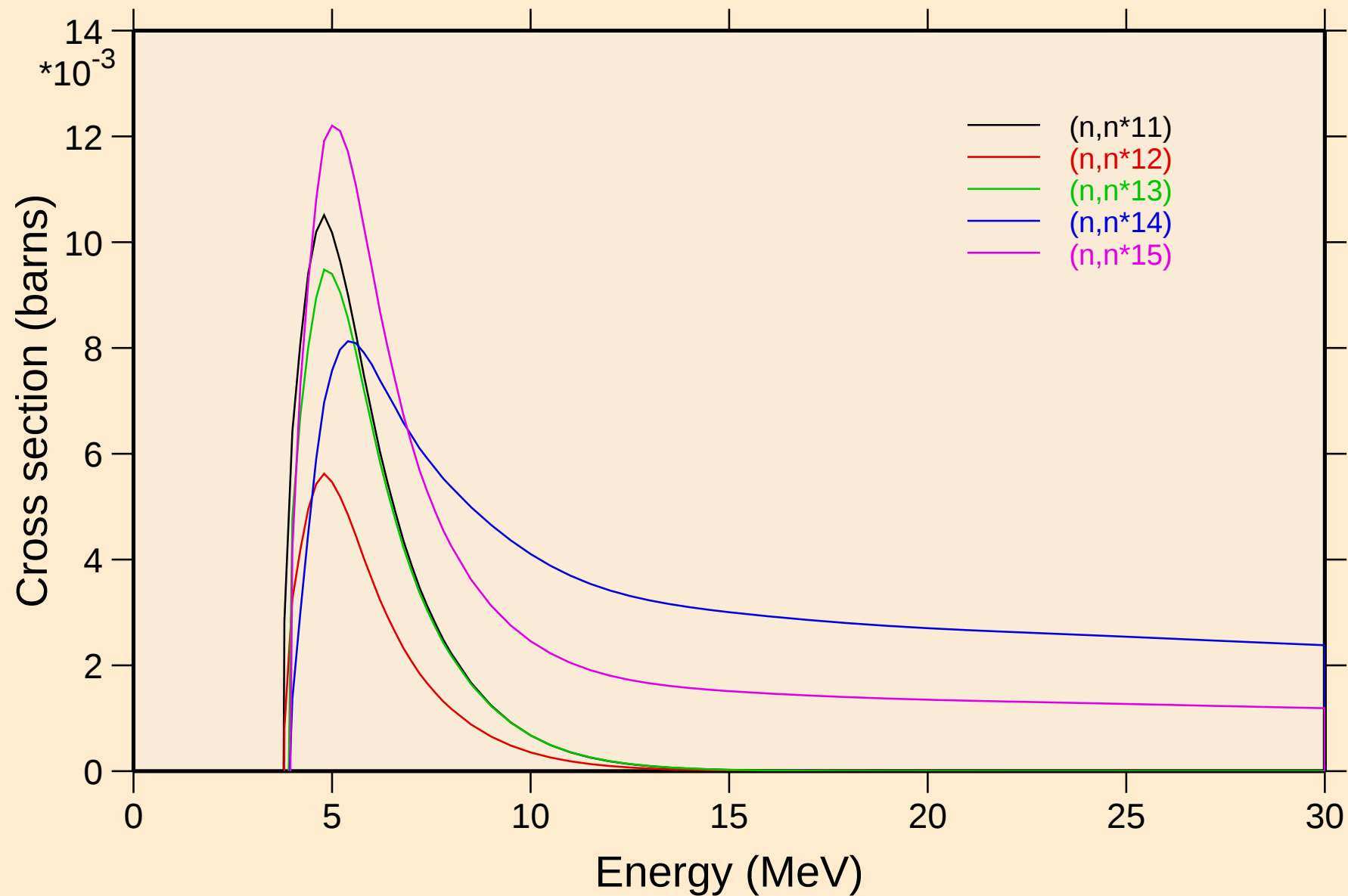


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels

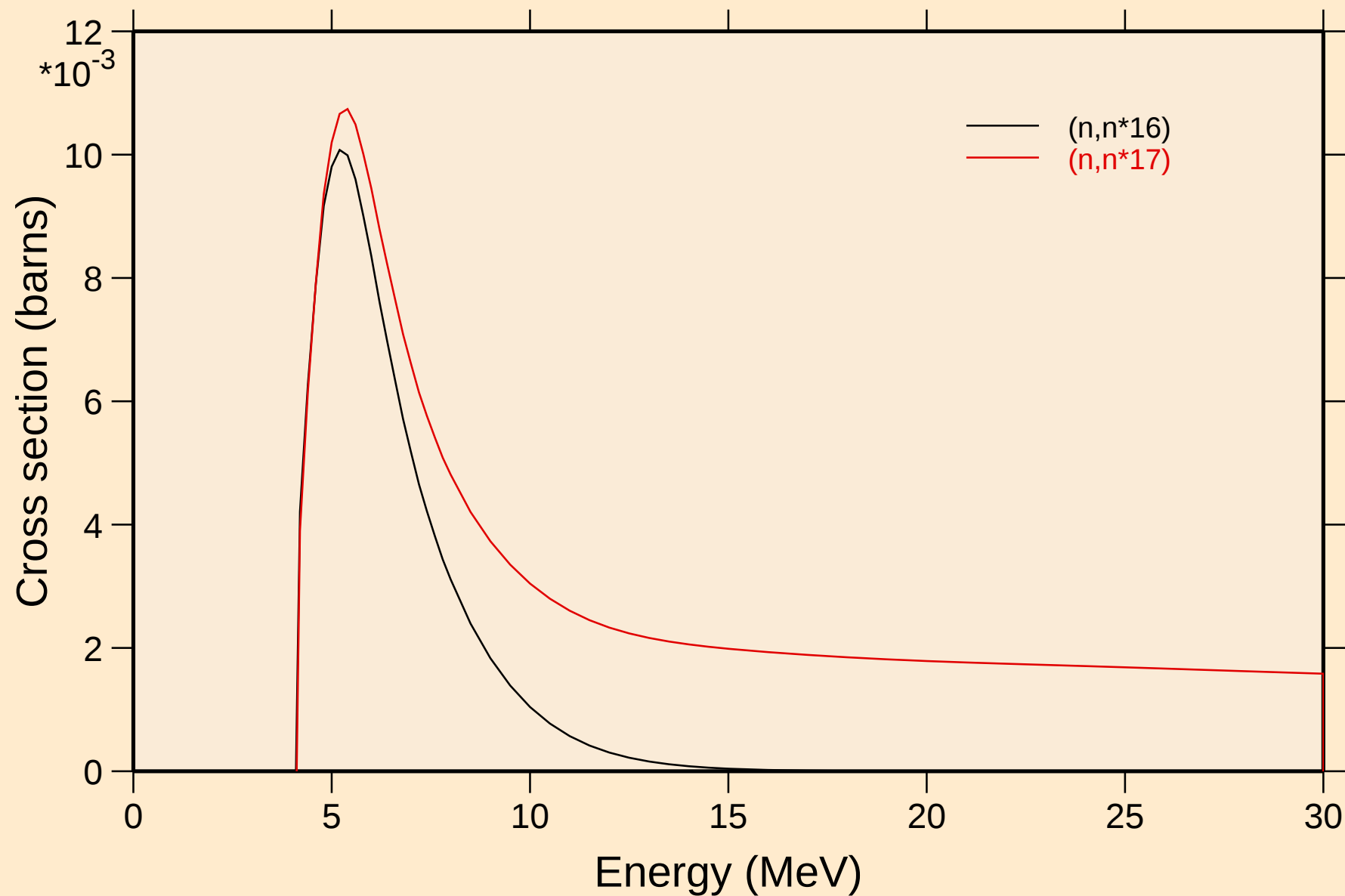


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



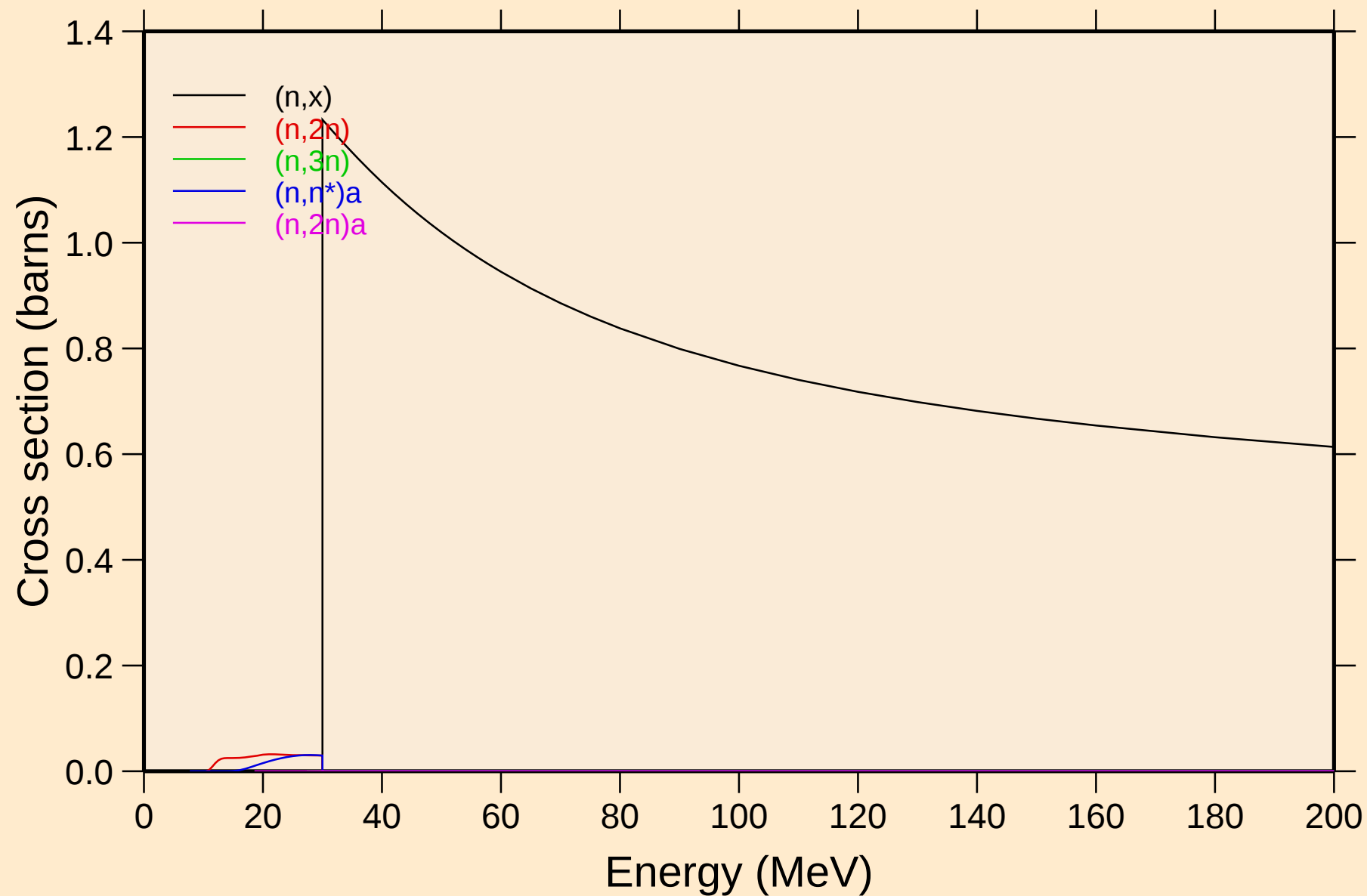
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels

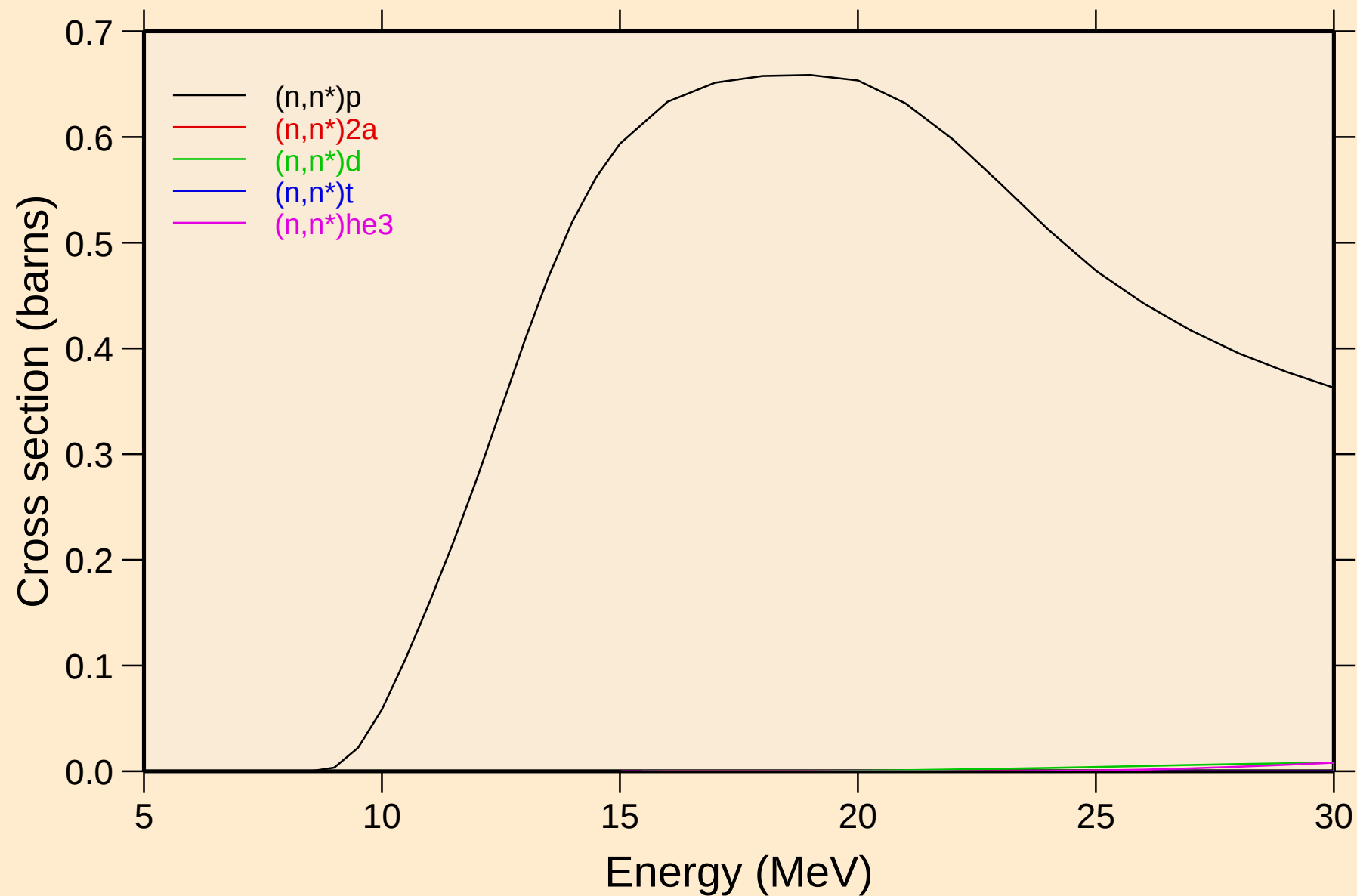


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

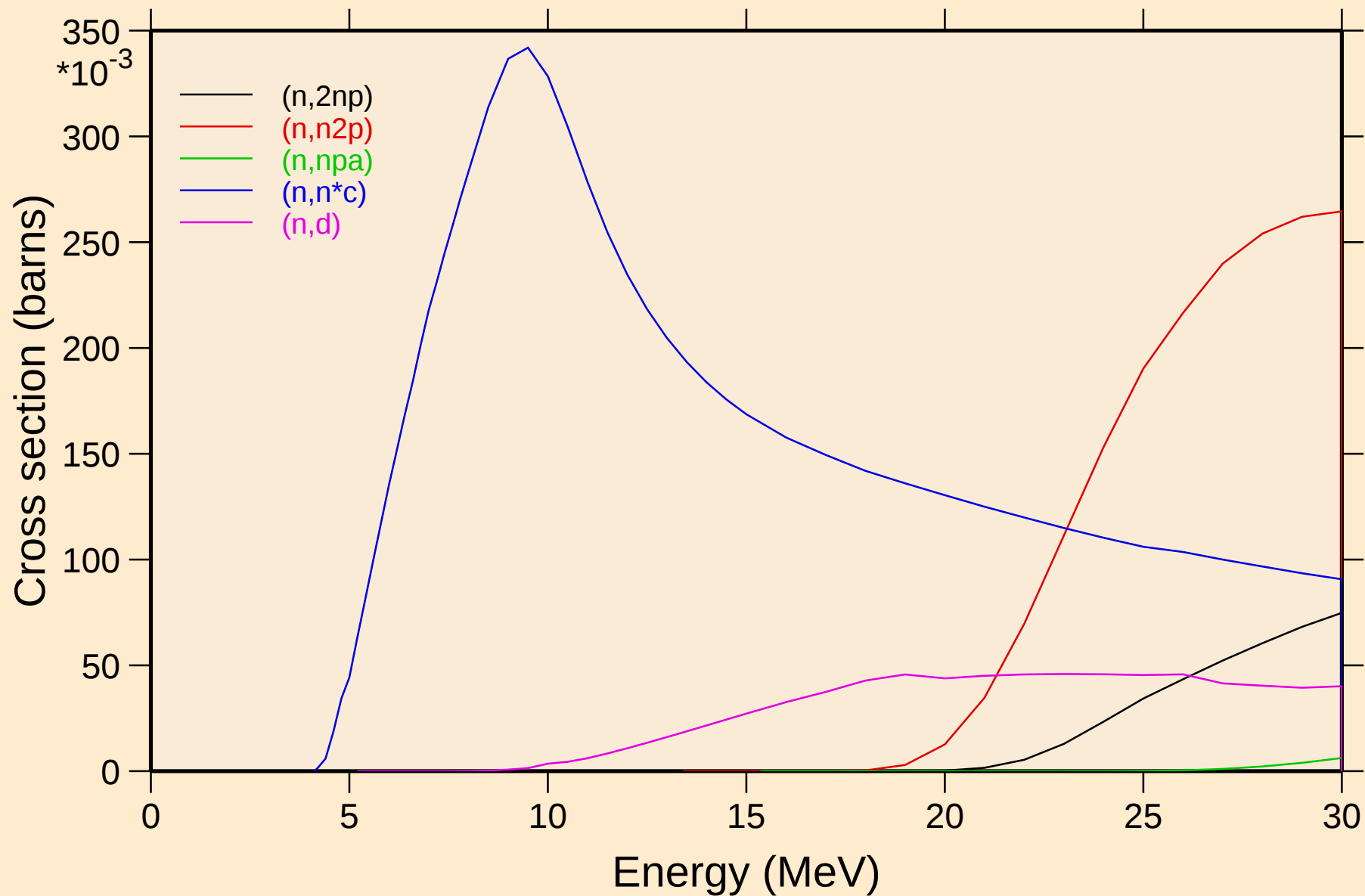


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

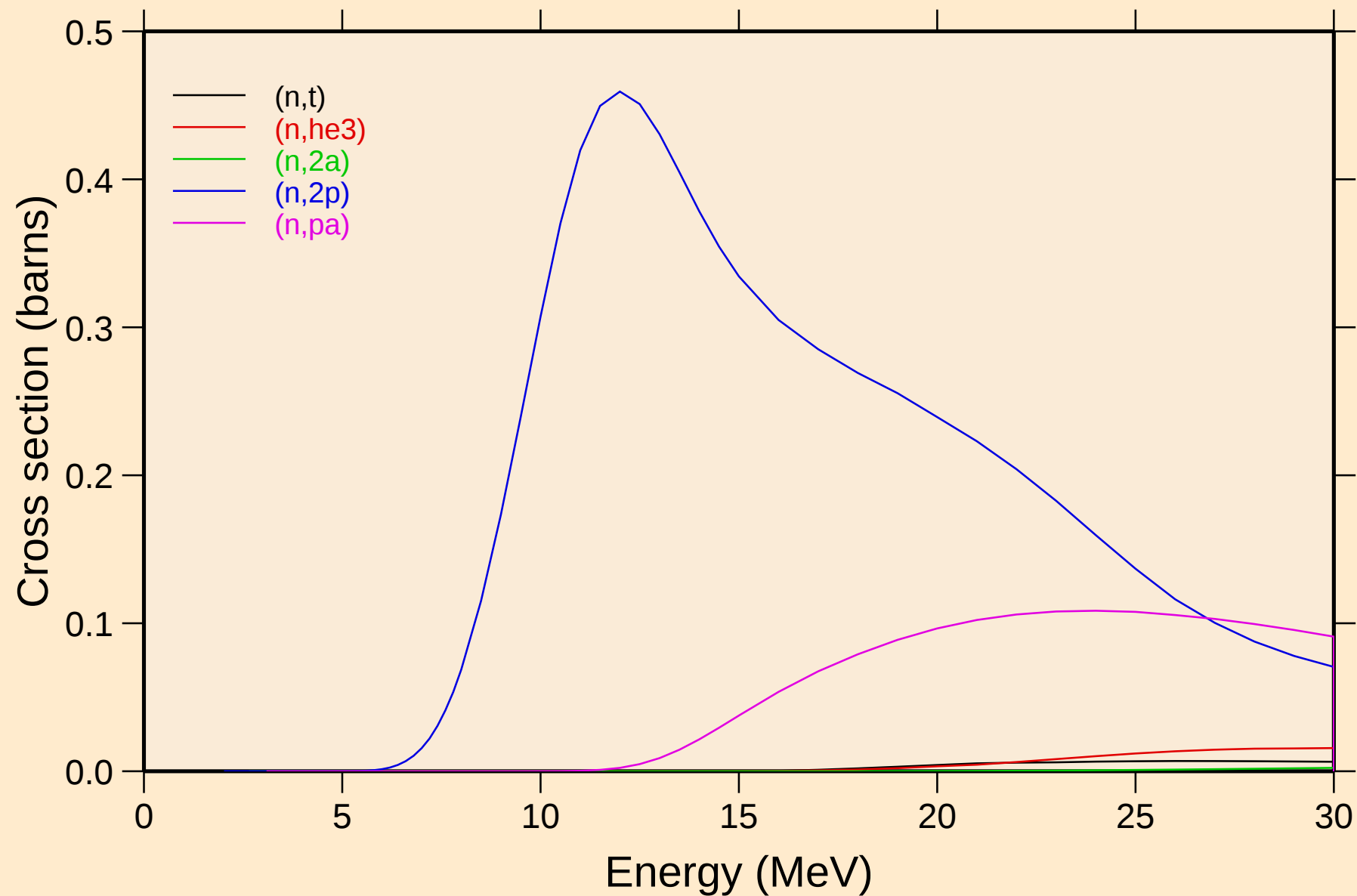


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

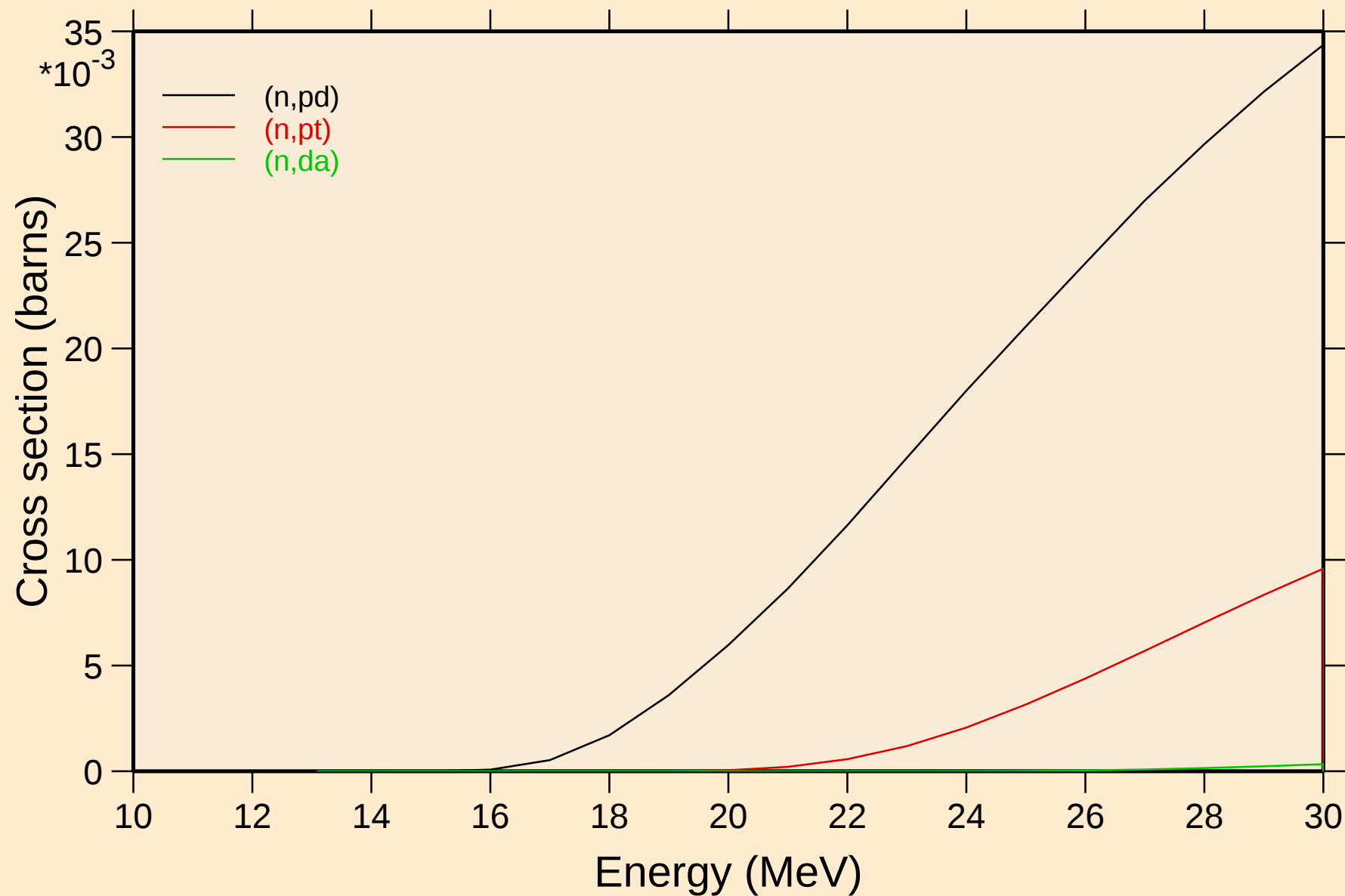


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



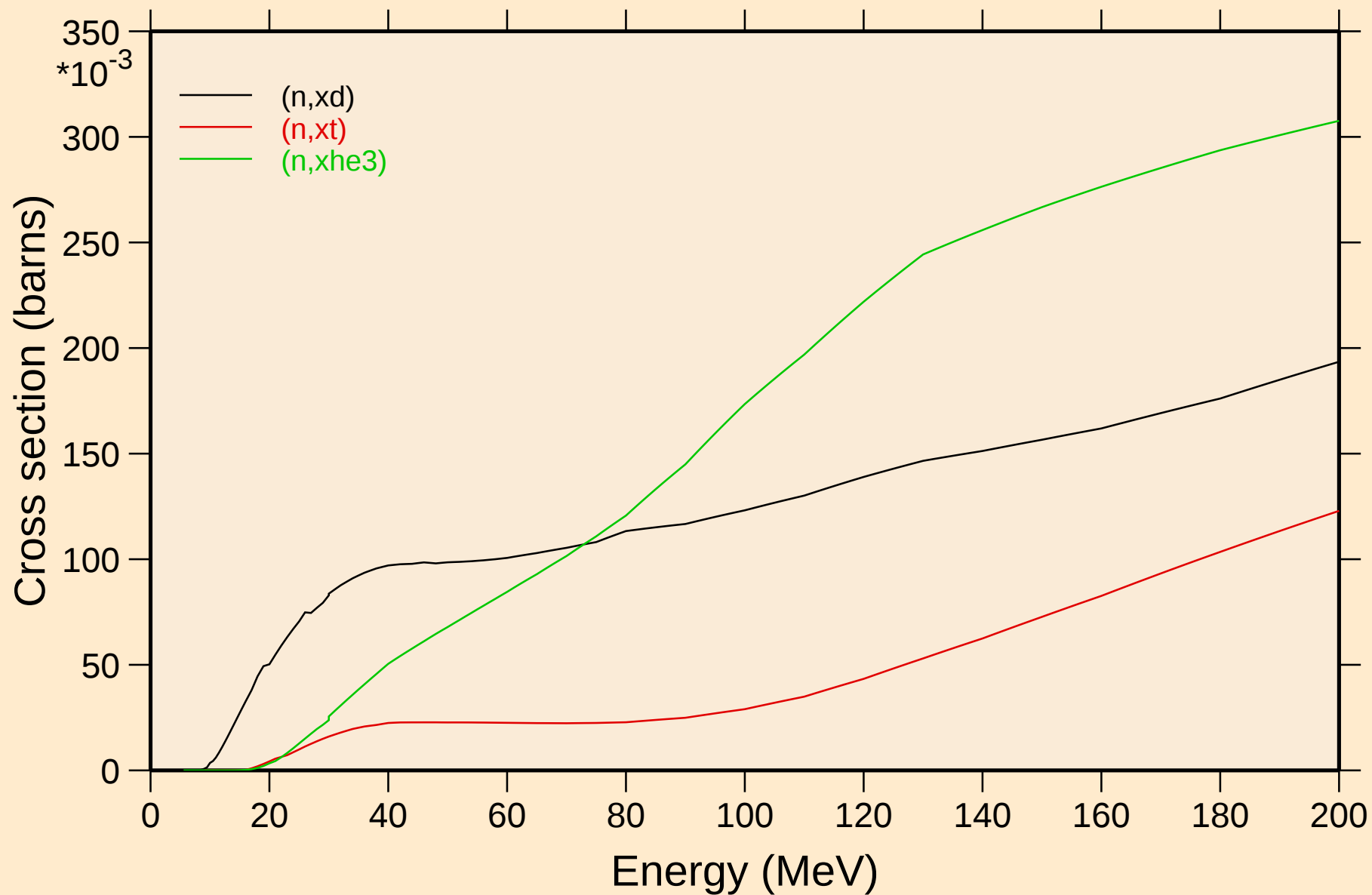
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

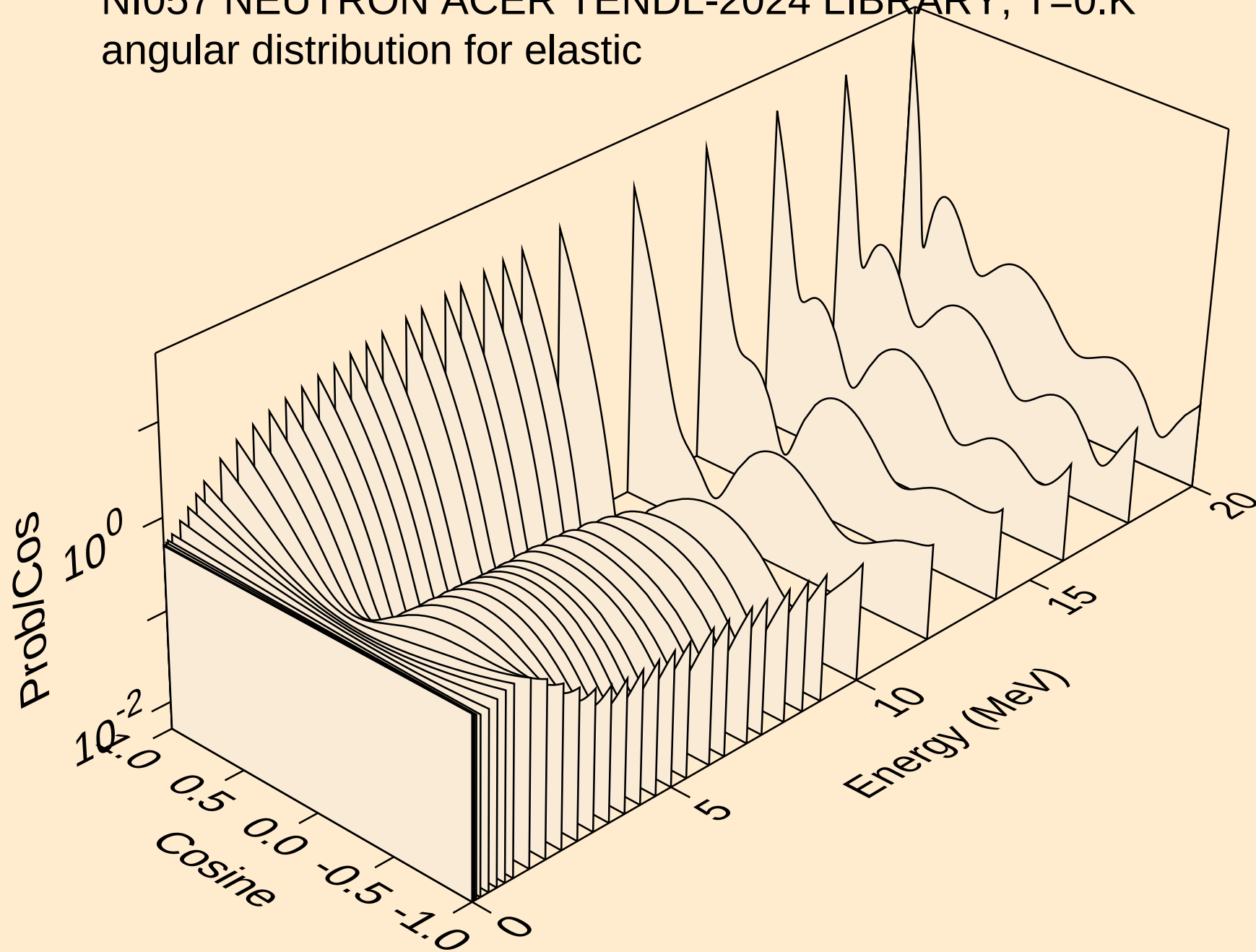


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

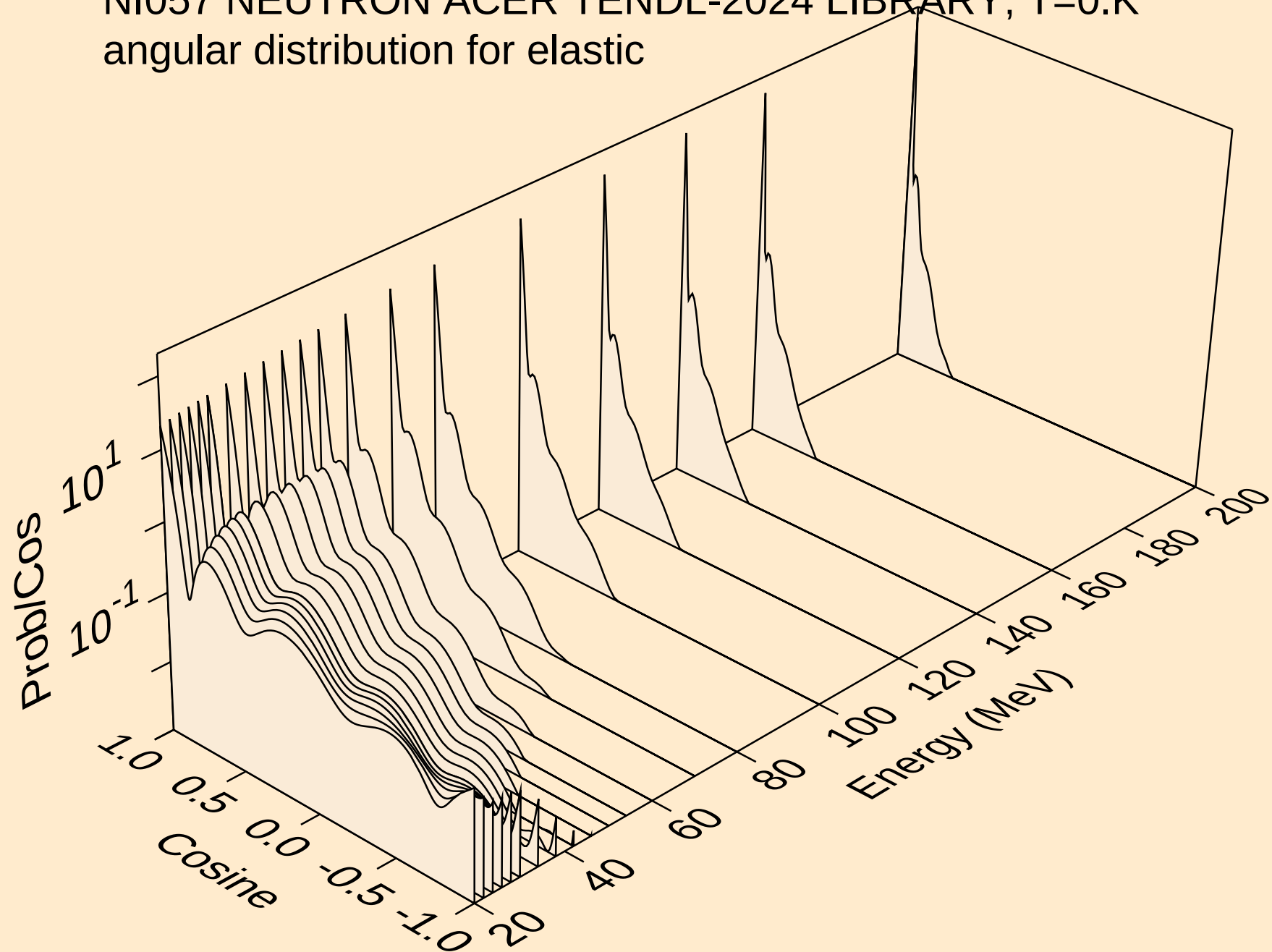
Threshold reactions



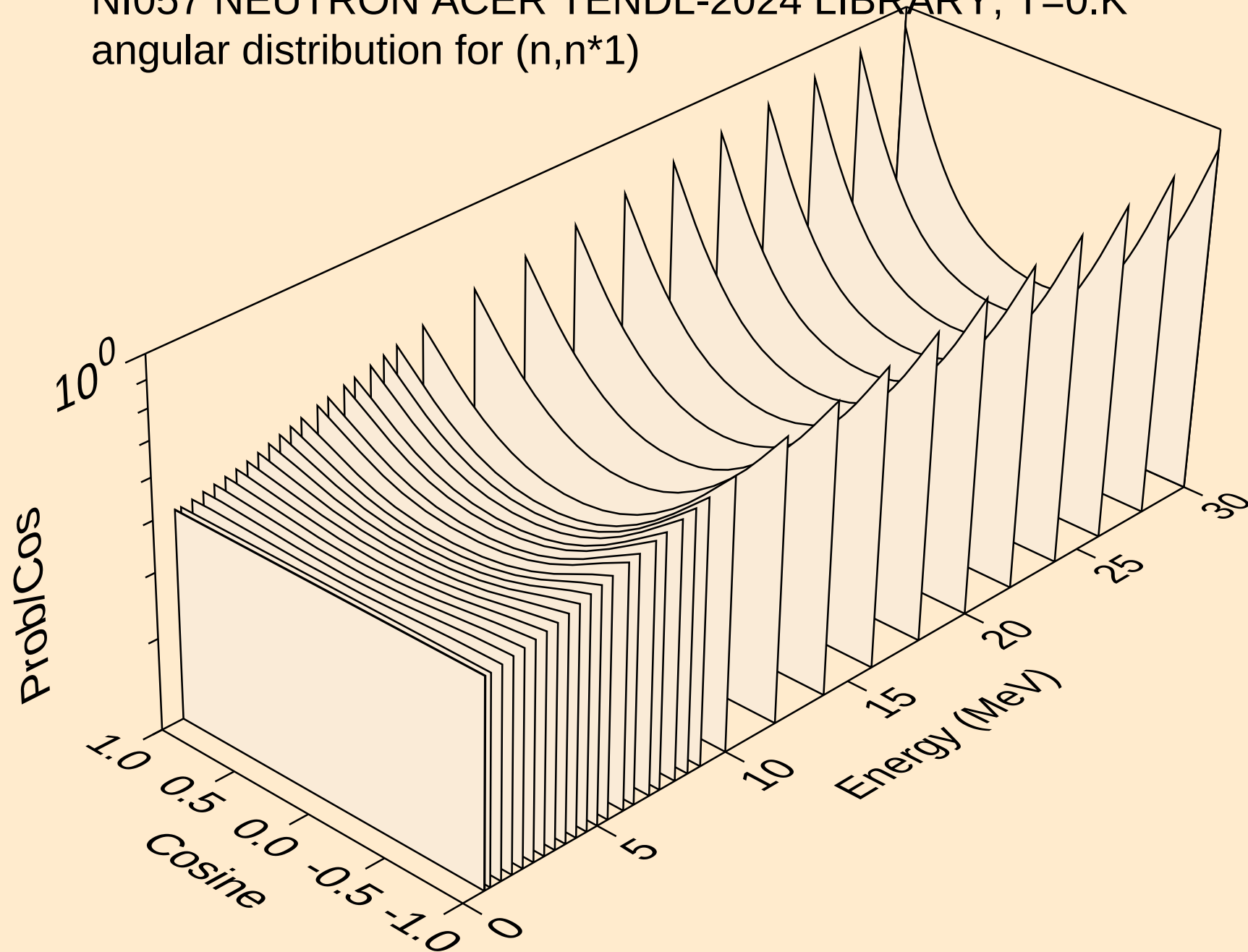
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



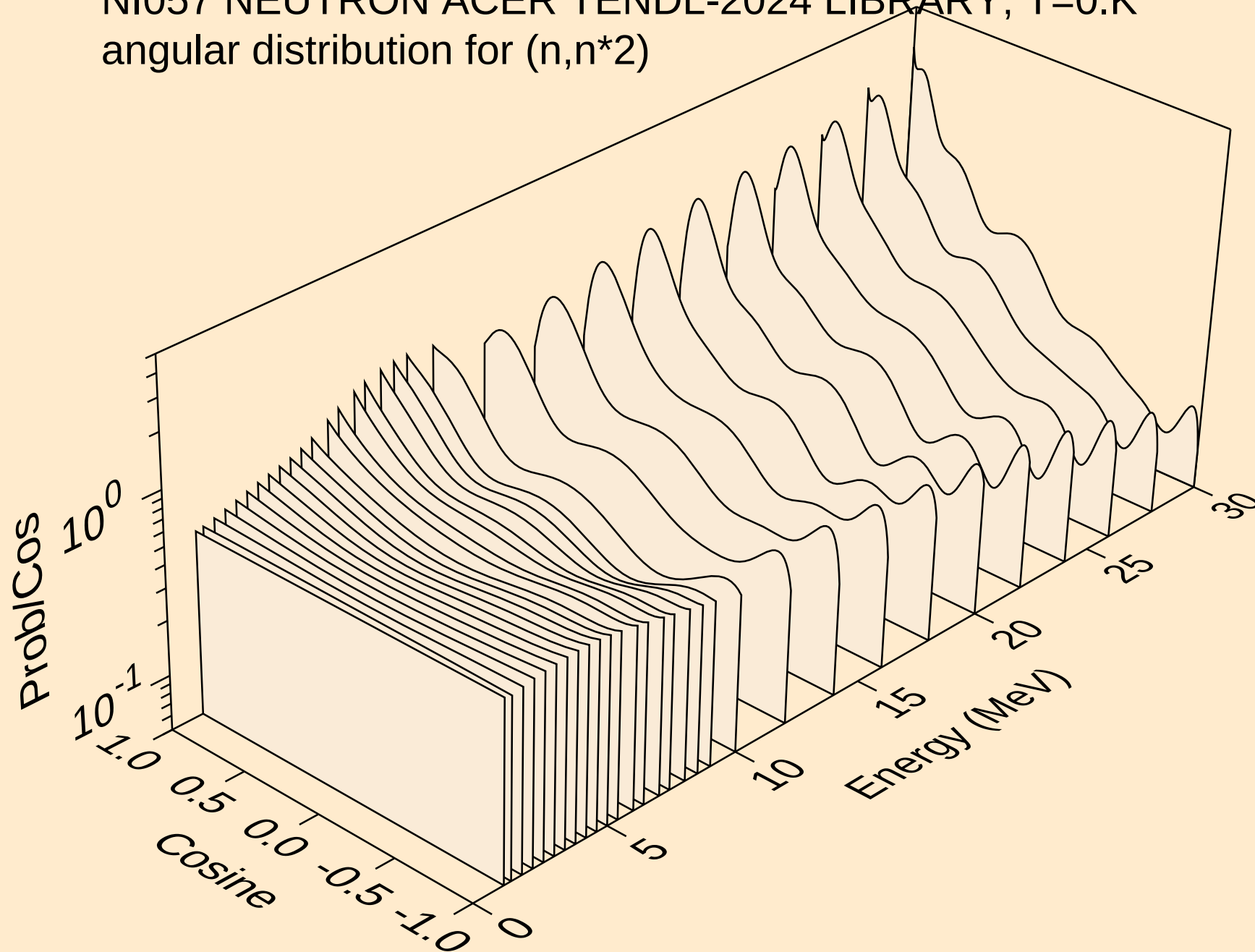
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



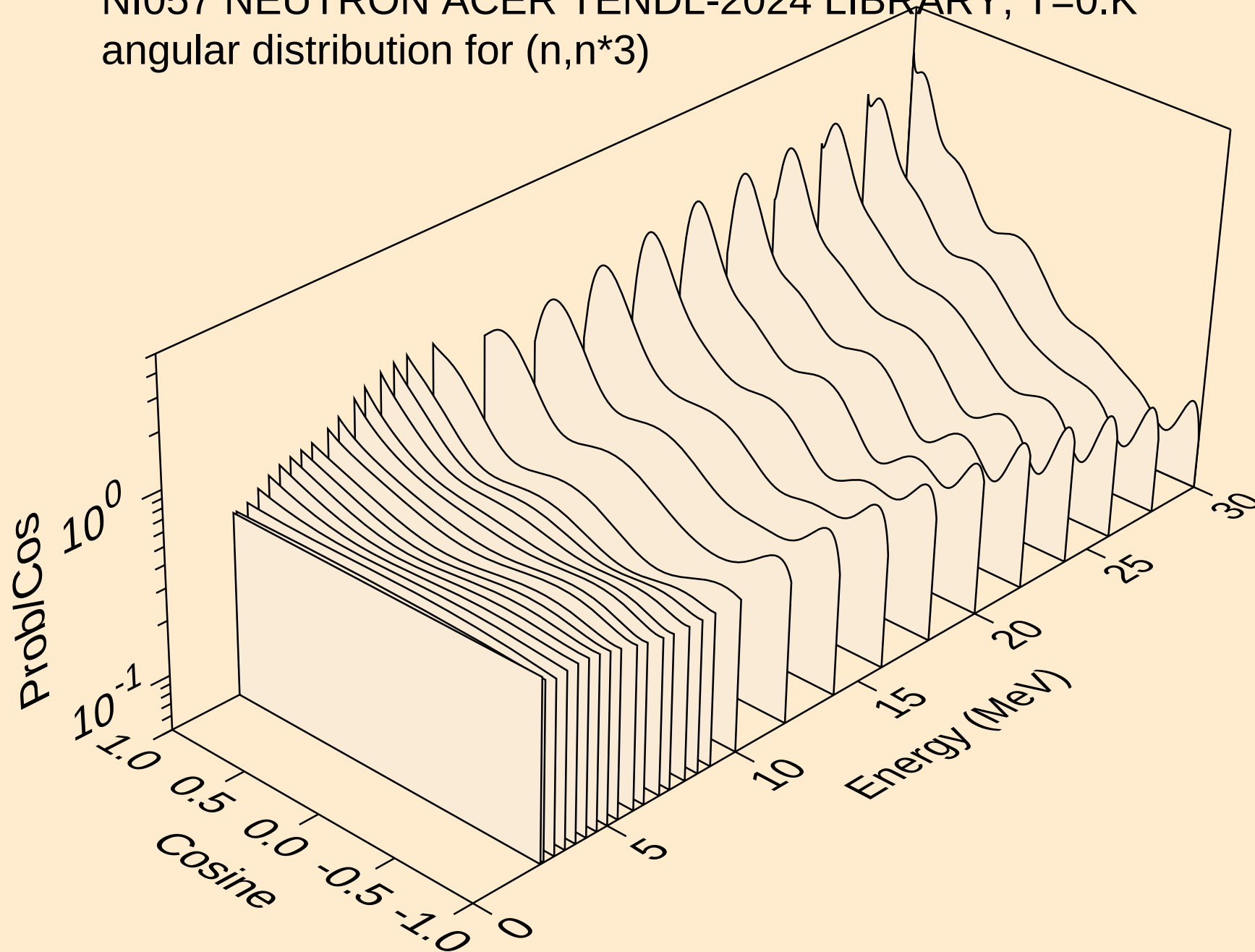
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



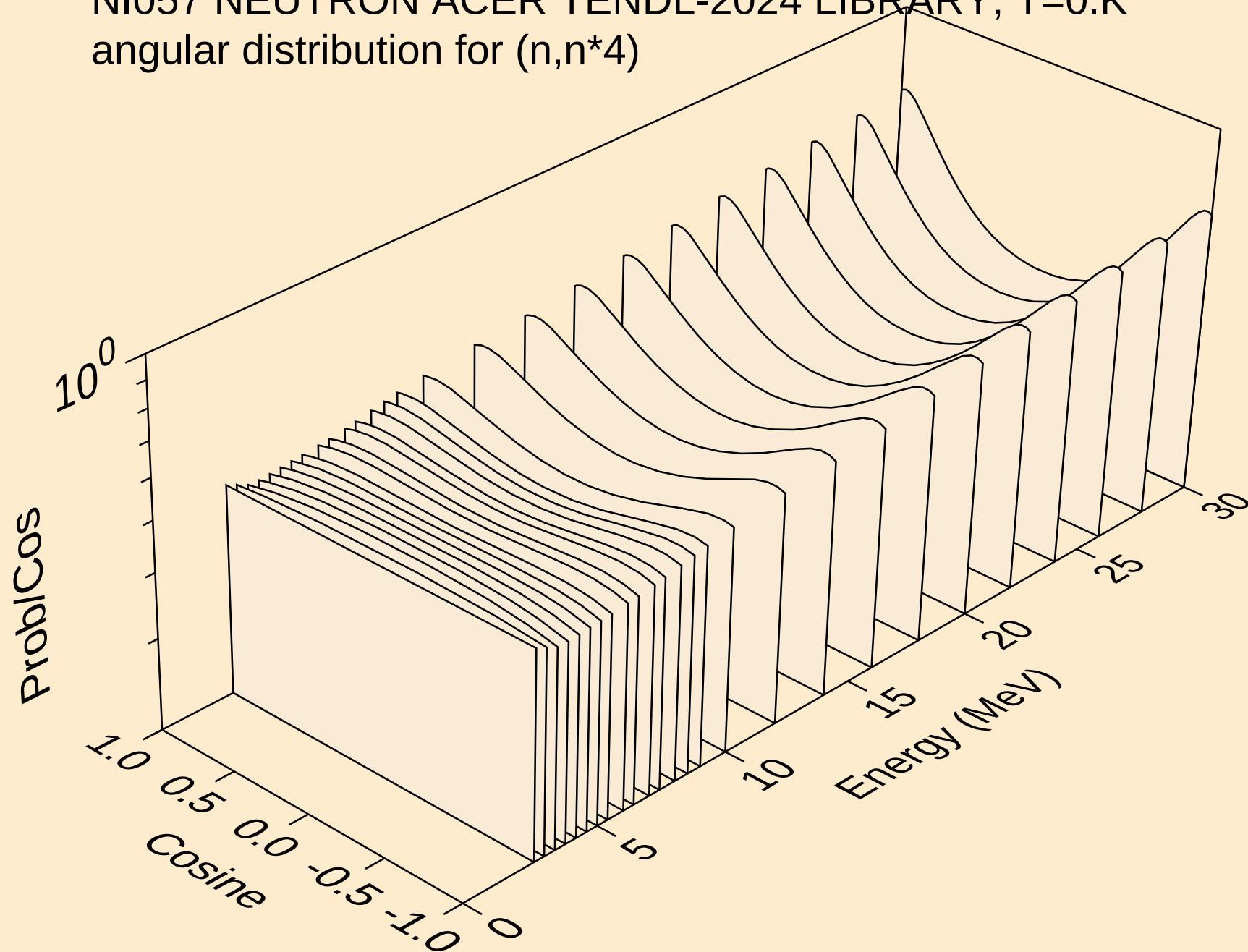
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



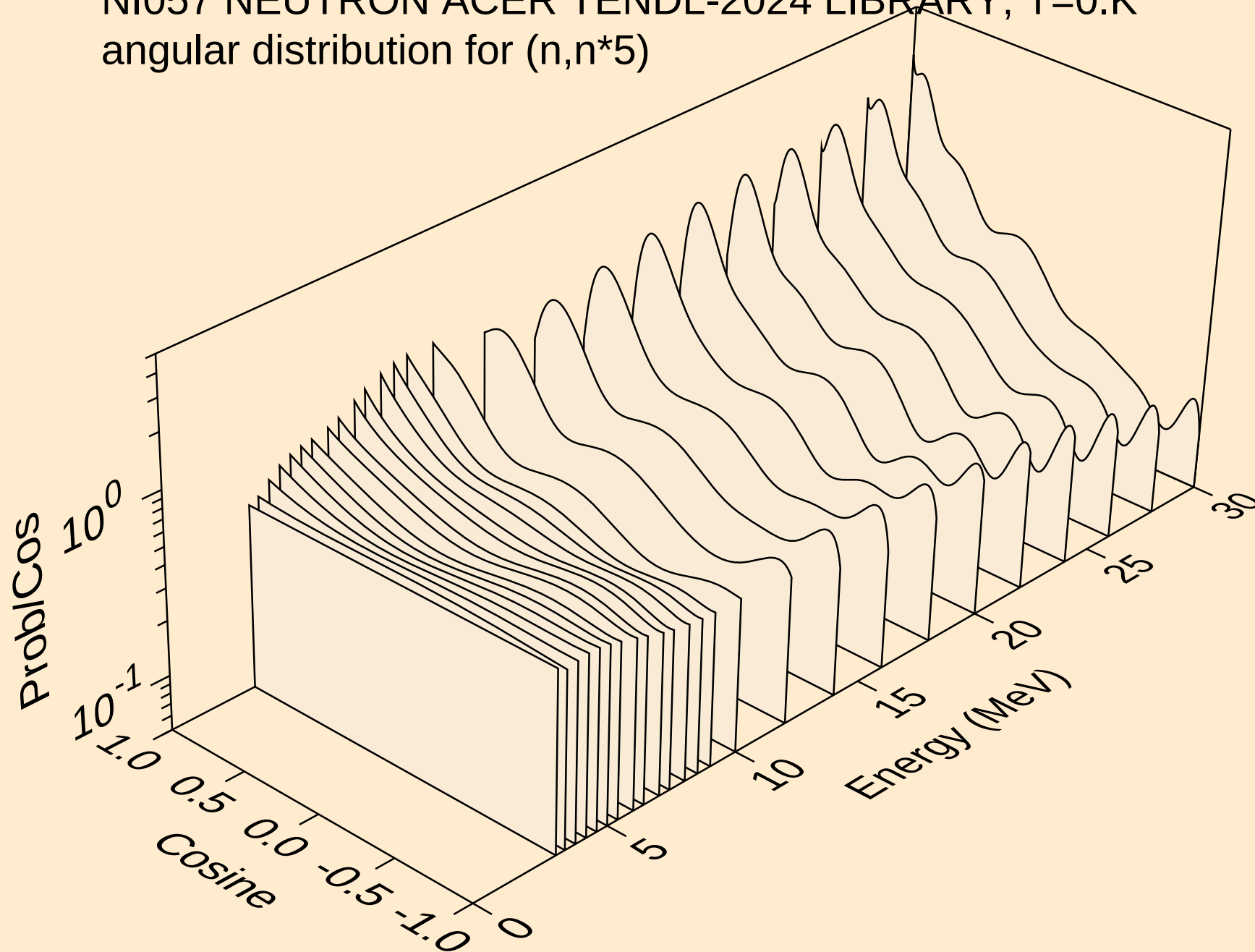
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angular distribution for (n,n*3)



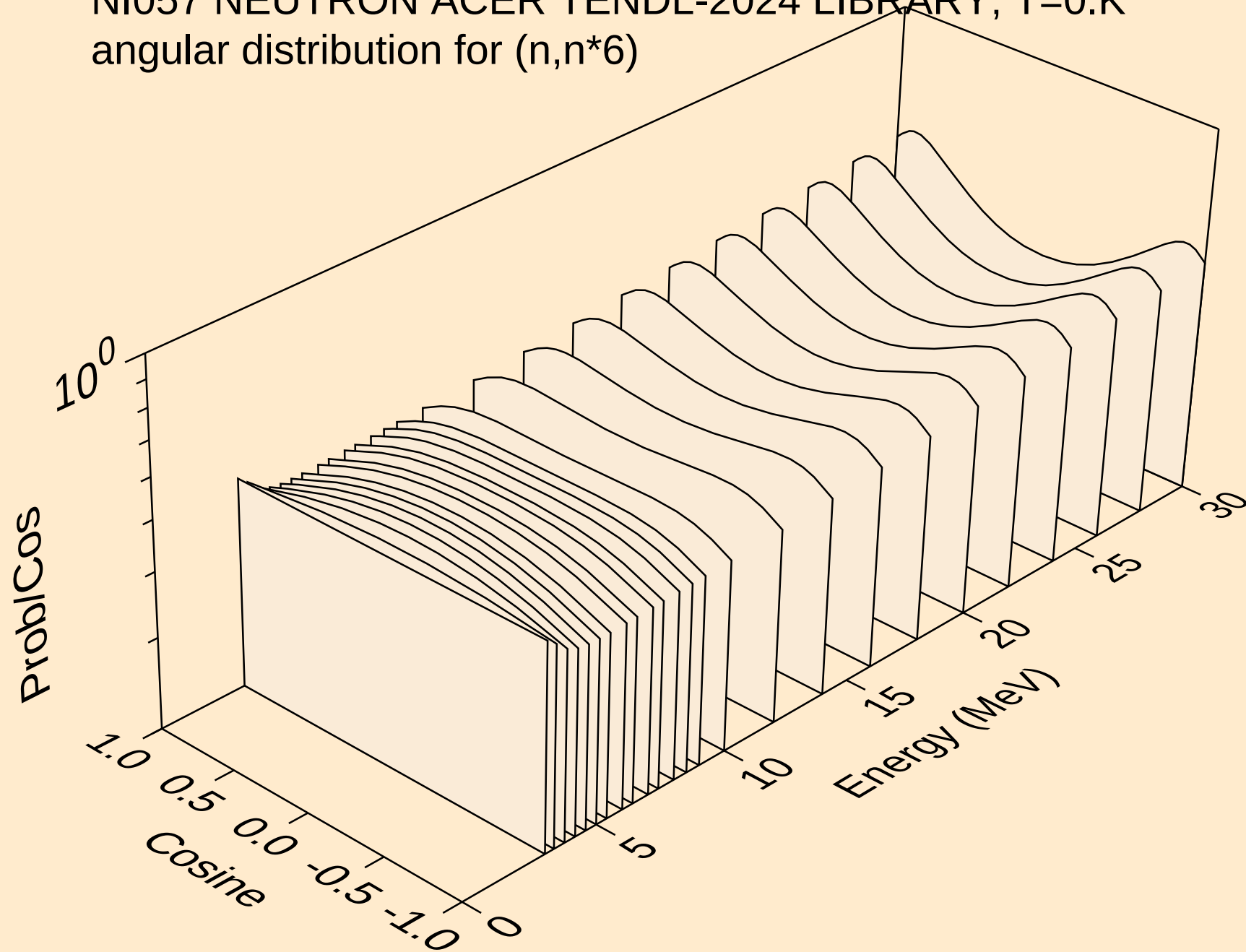
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angular distribution for (n,n*4)



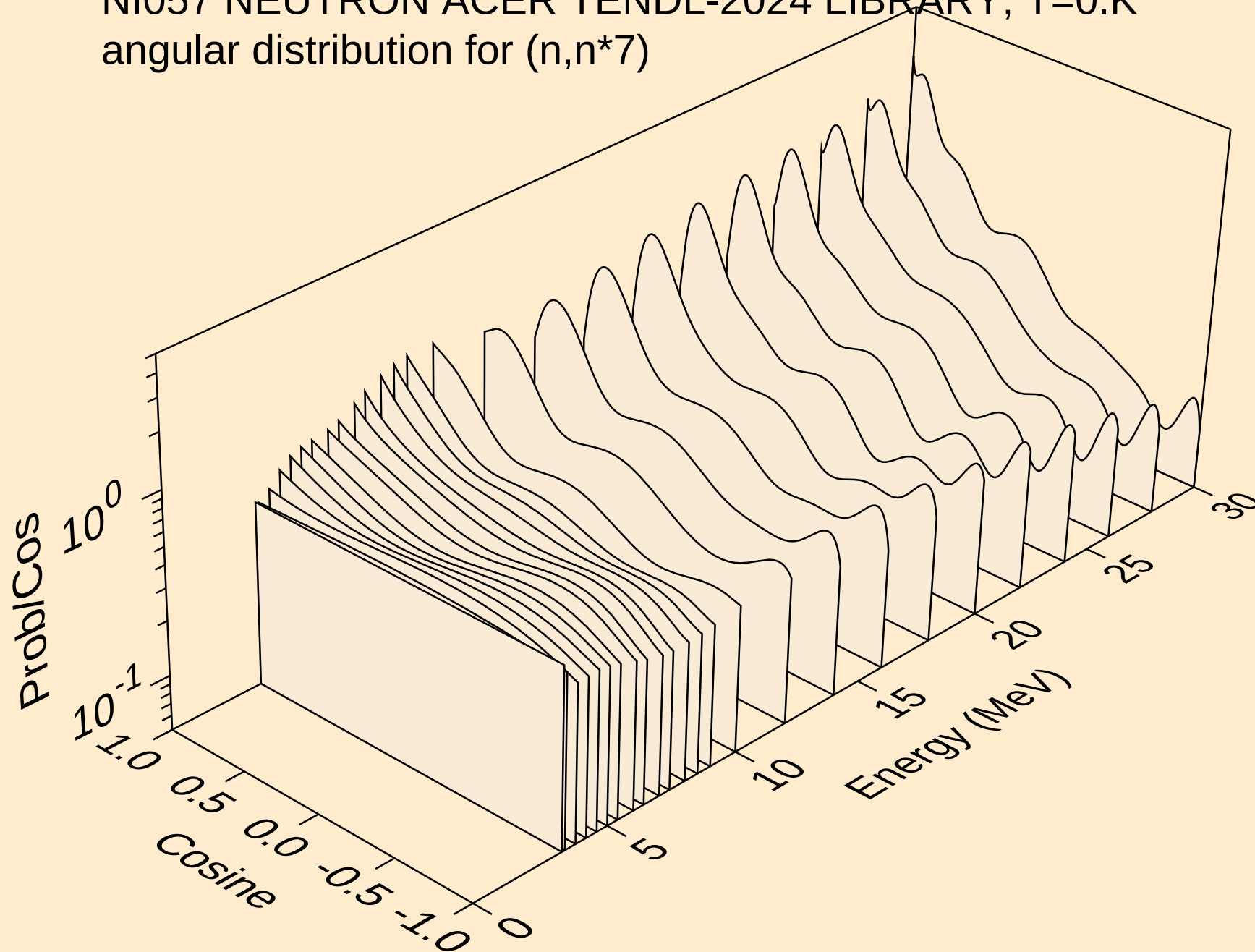
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angular distribution for (n,n*5)



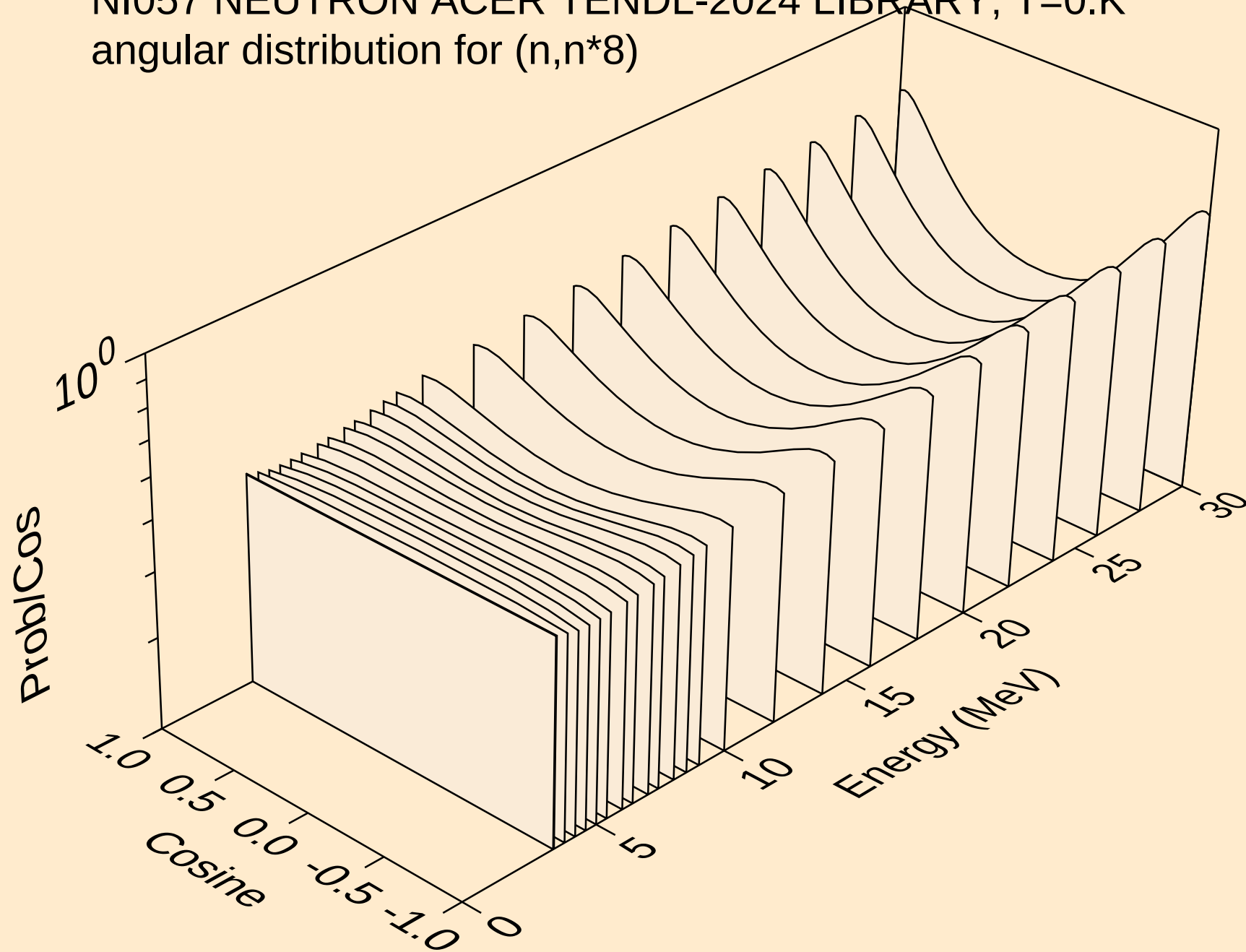
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angular distribution for (n,n*6)



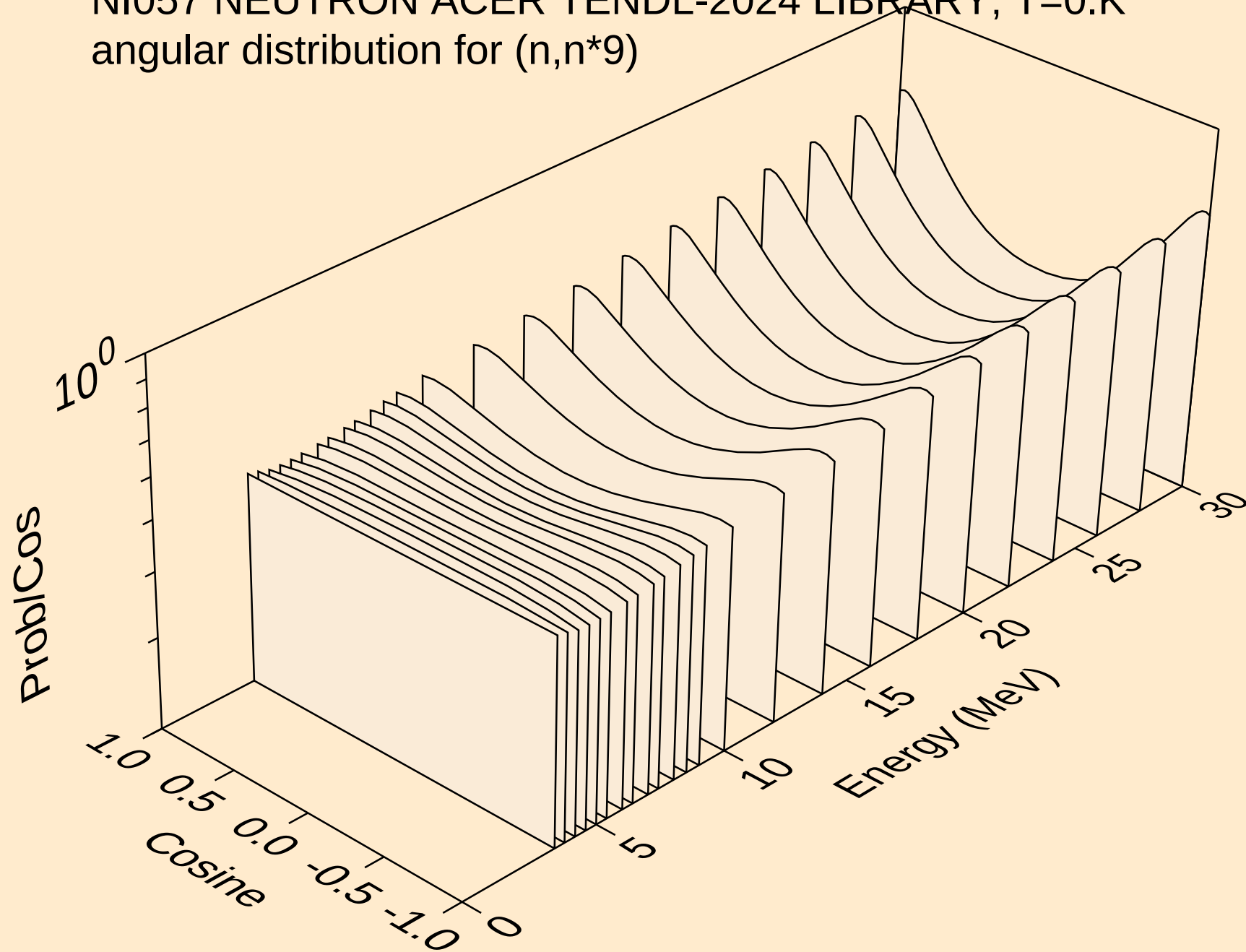
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angular distribution for (n,n*7)



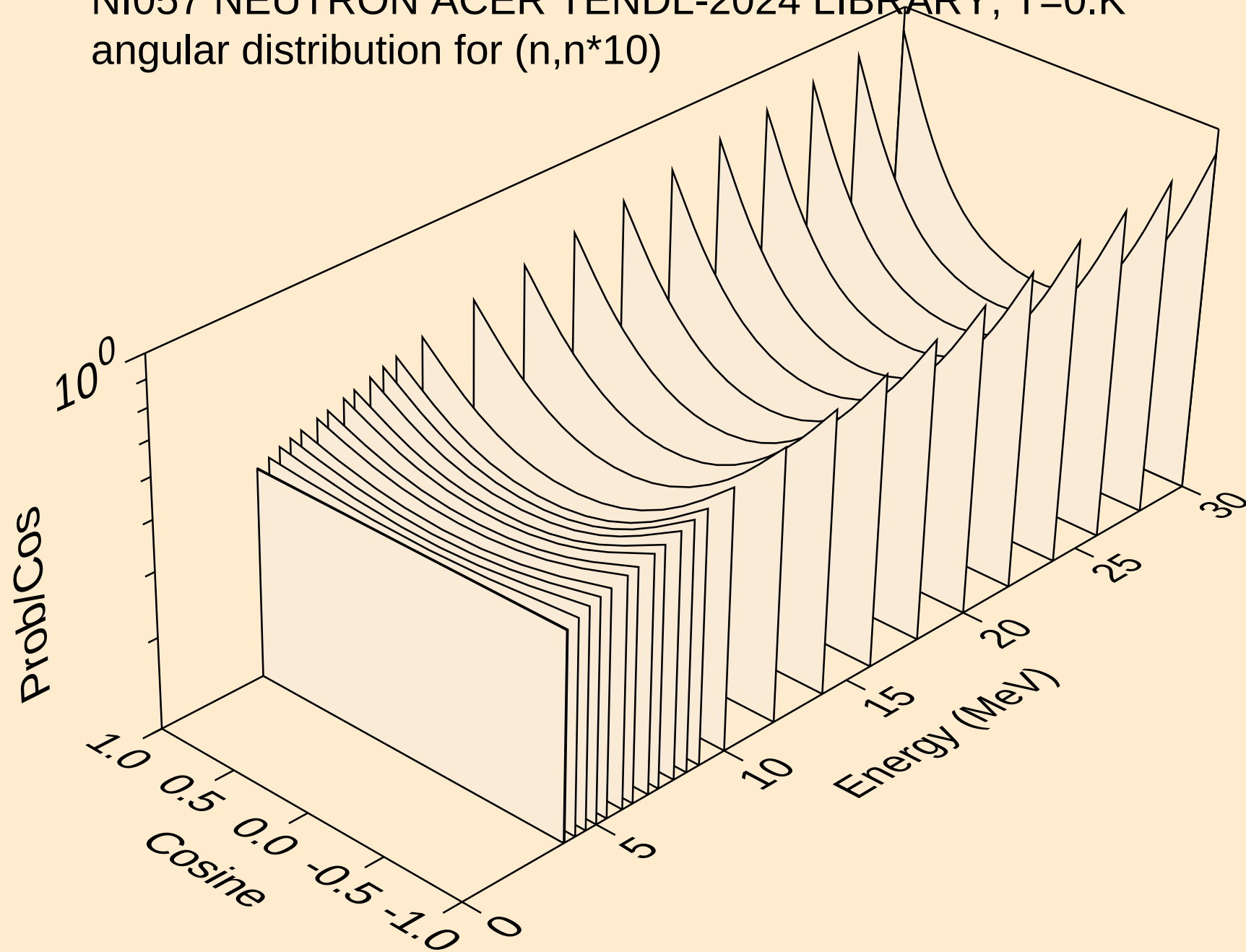
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angular distribution for (n,n*8)



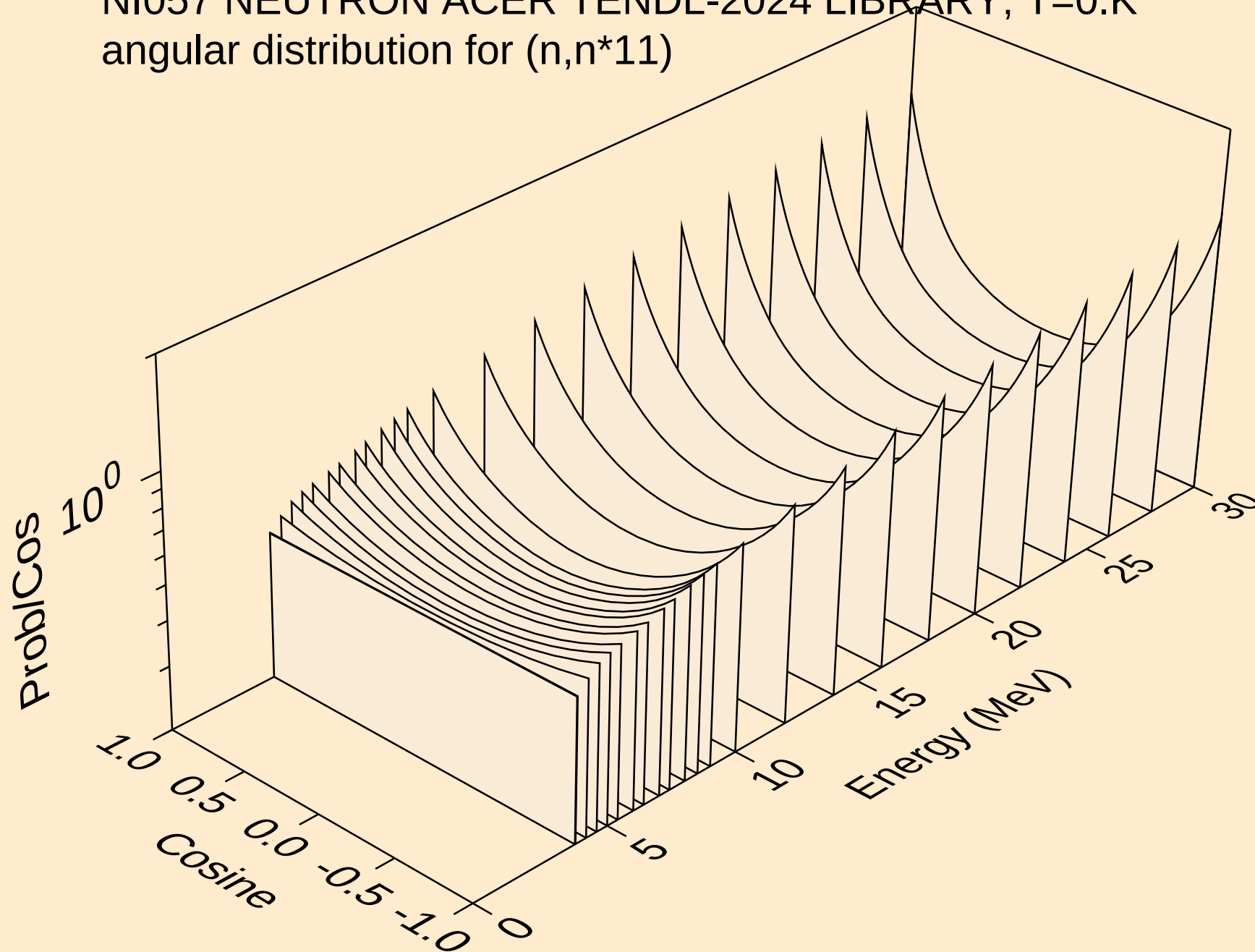
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angular distribution for (n,n*9)



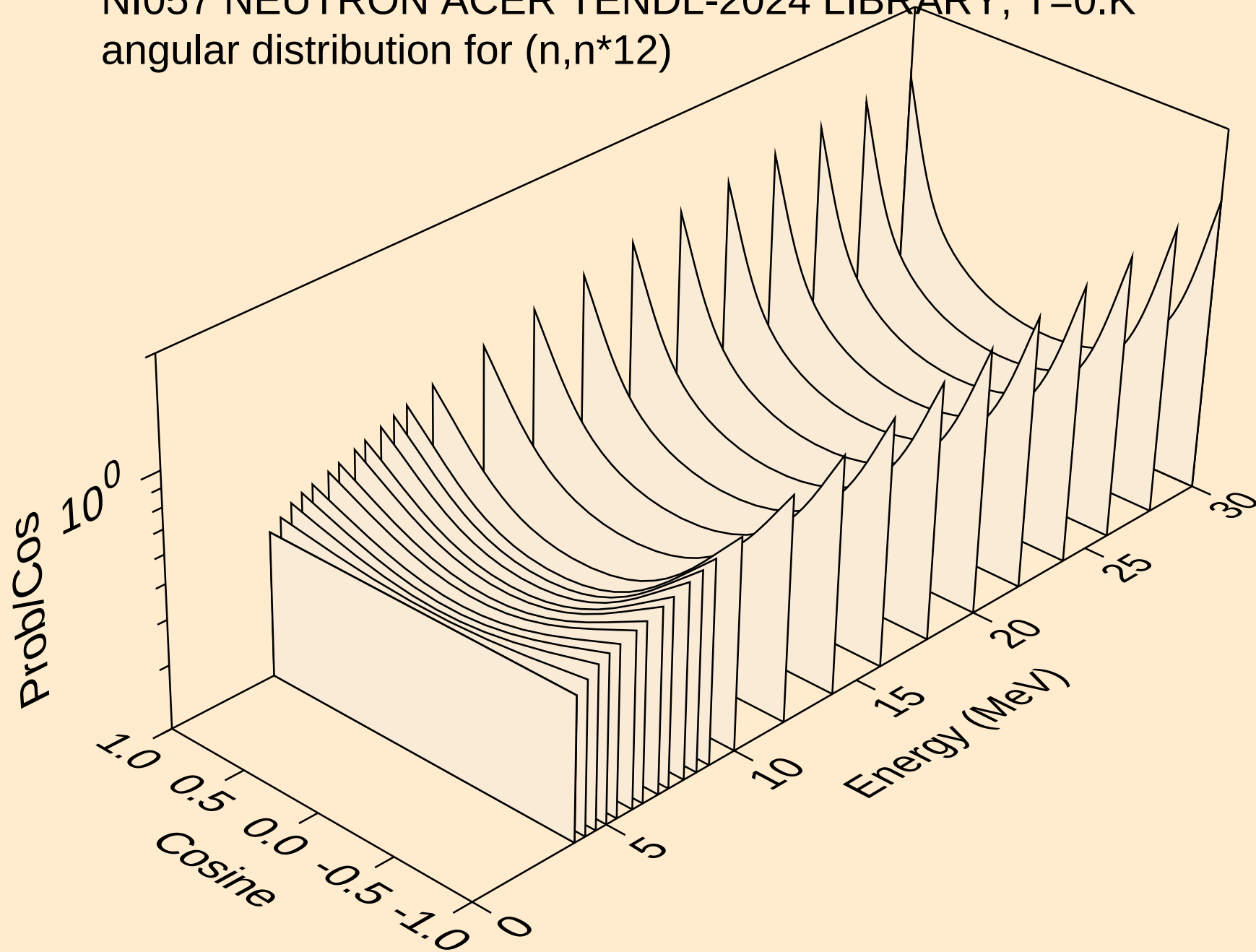
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angular distribution for (n,n*10)



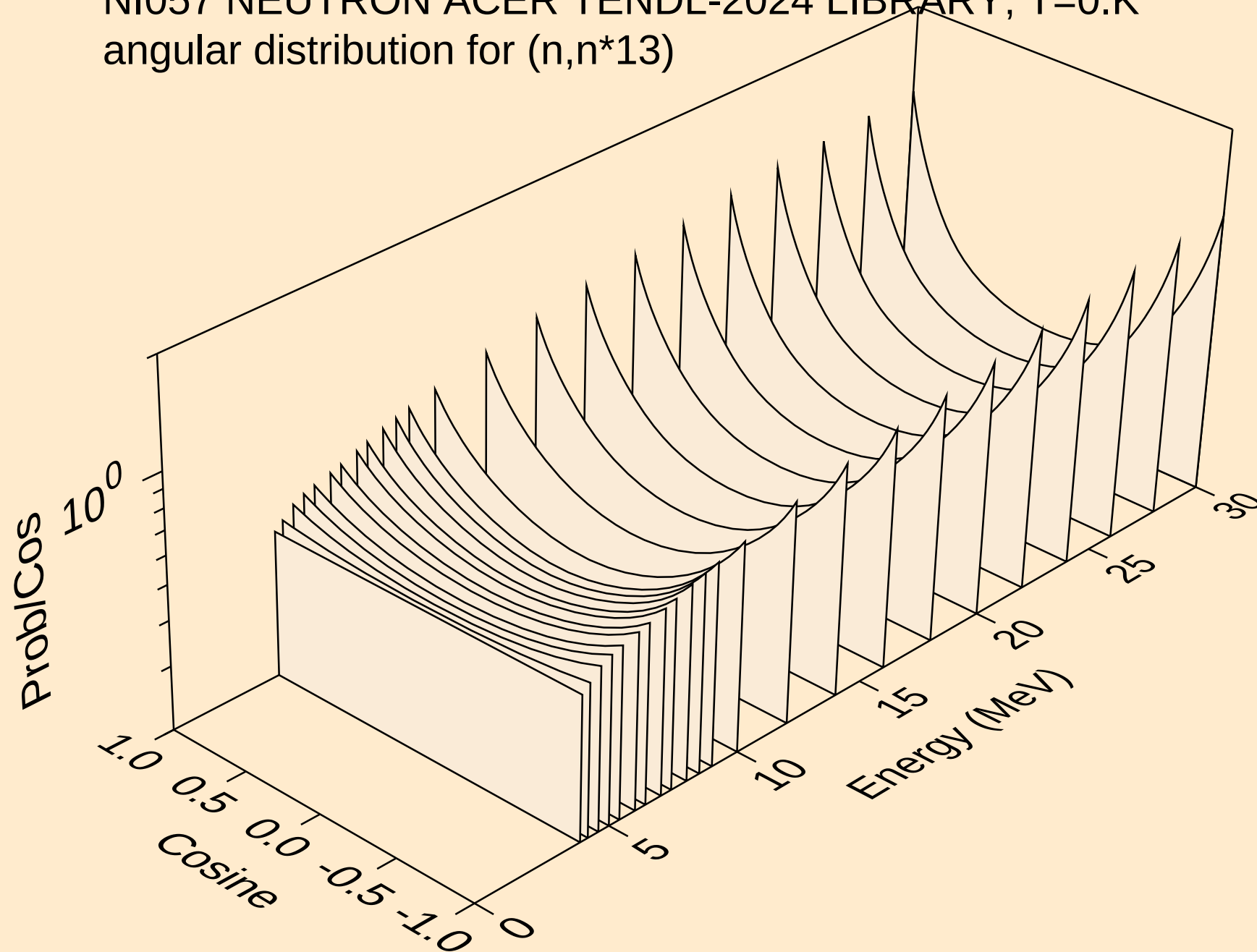
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angular distribution for (n,n*11)



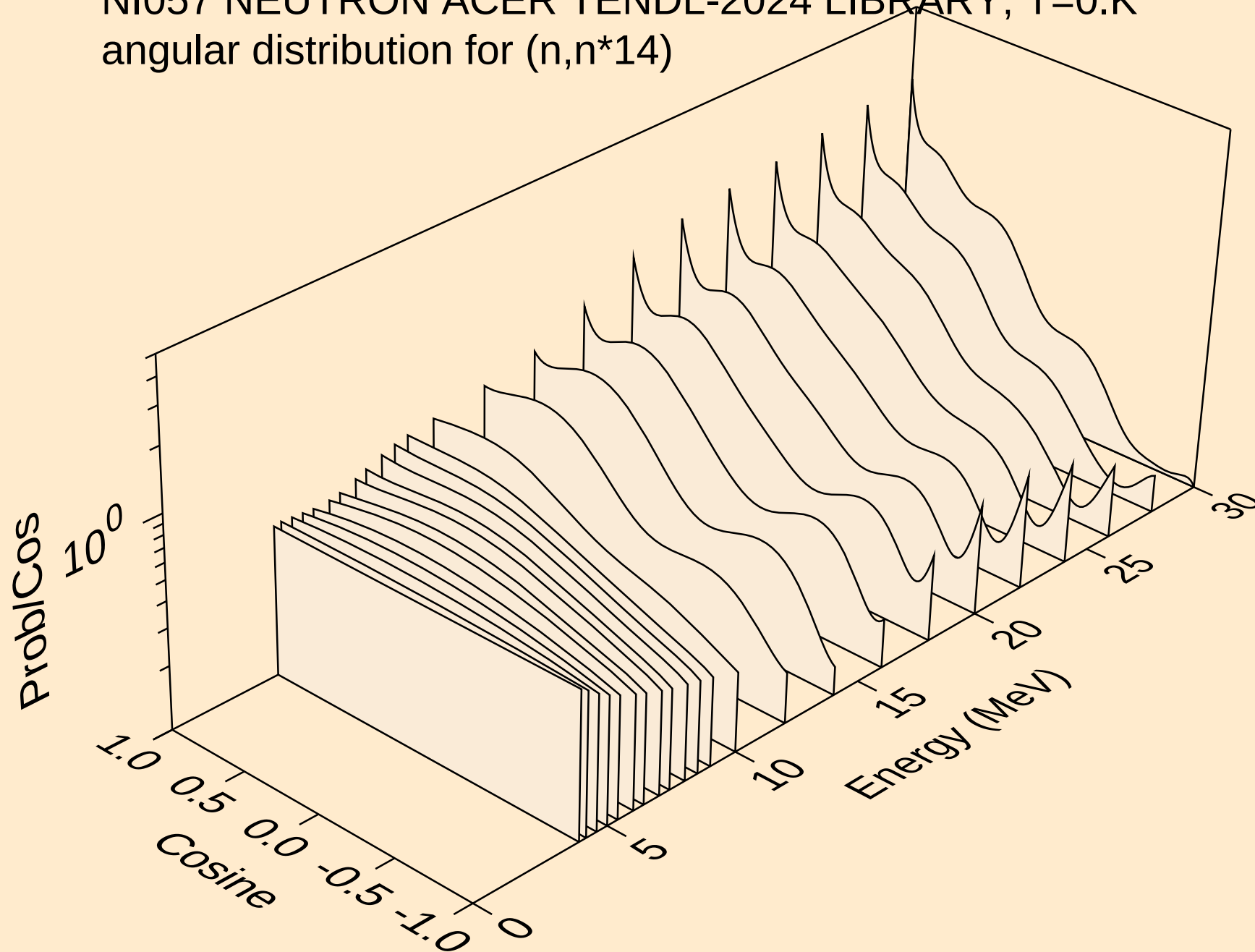
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angular distribution for (n,n*12)



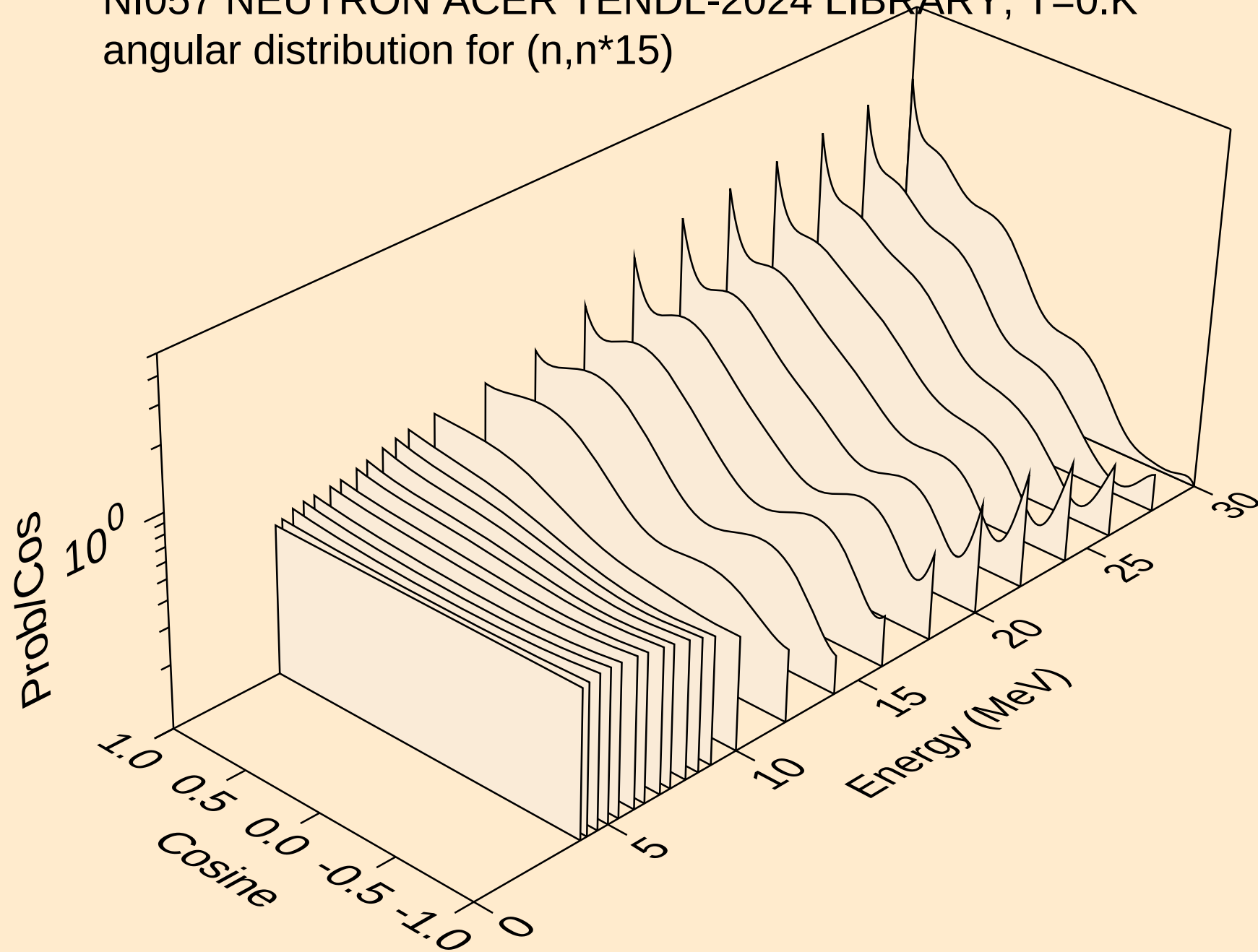
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angular distribution for (n,n*13)



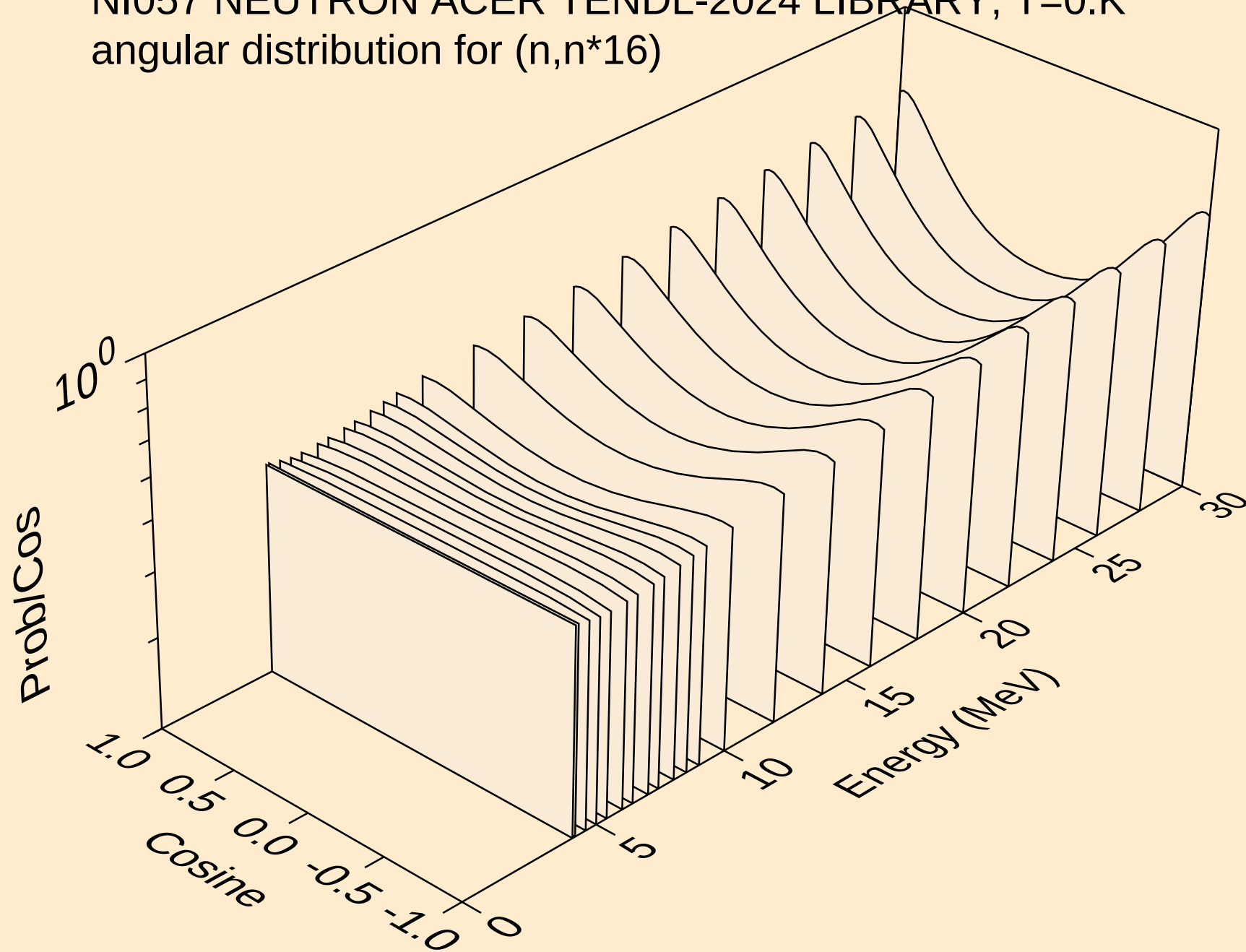
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angular distribution for (n,n*14)



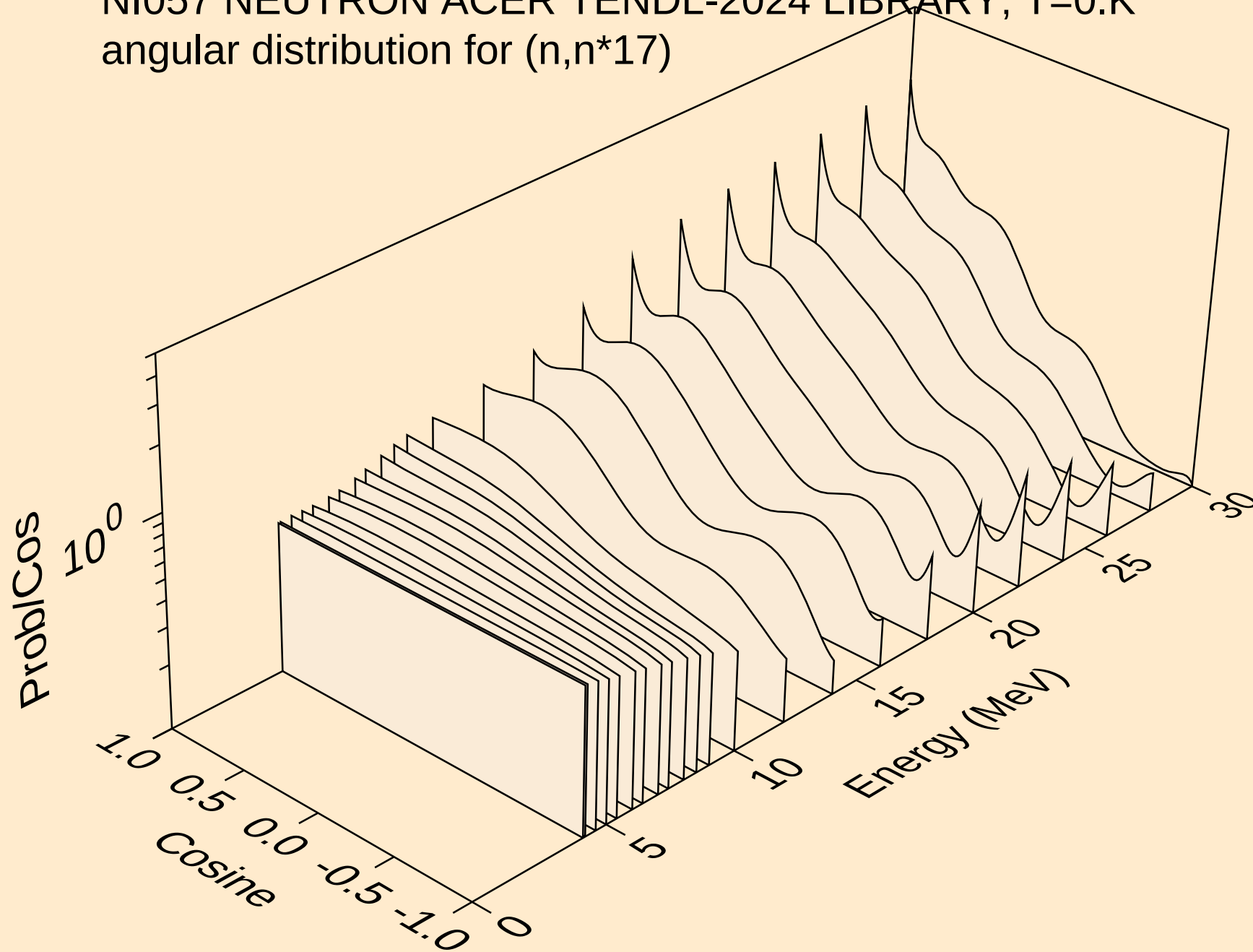
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angular distribution for (n,n*15)



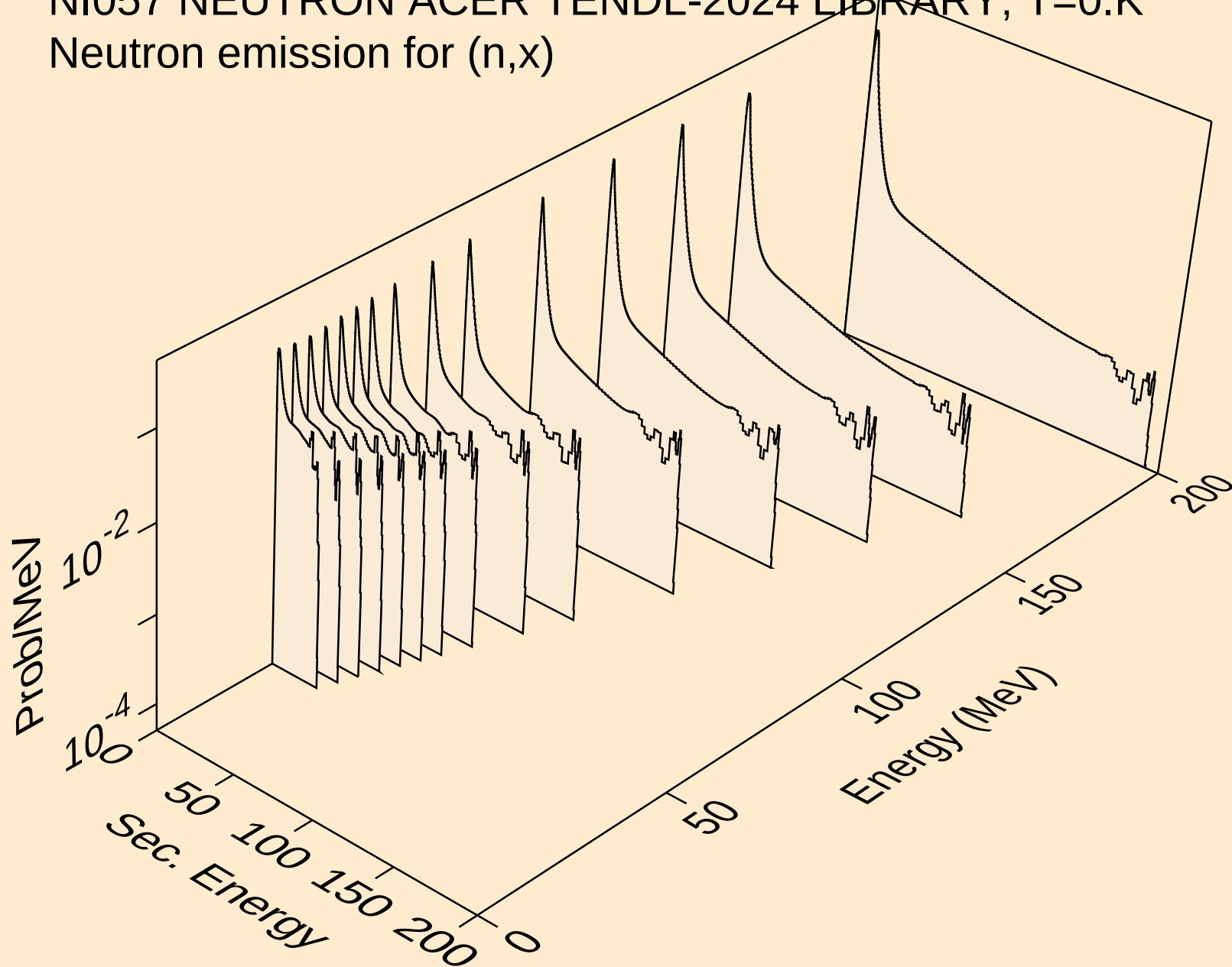
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angular distribution for (n,n*16)



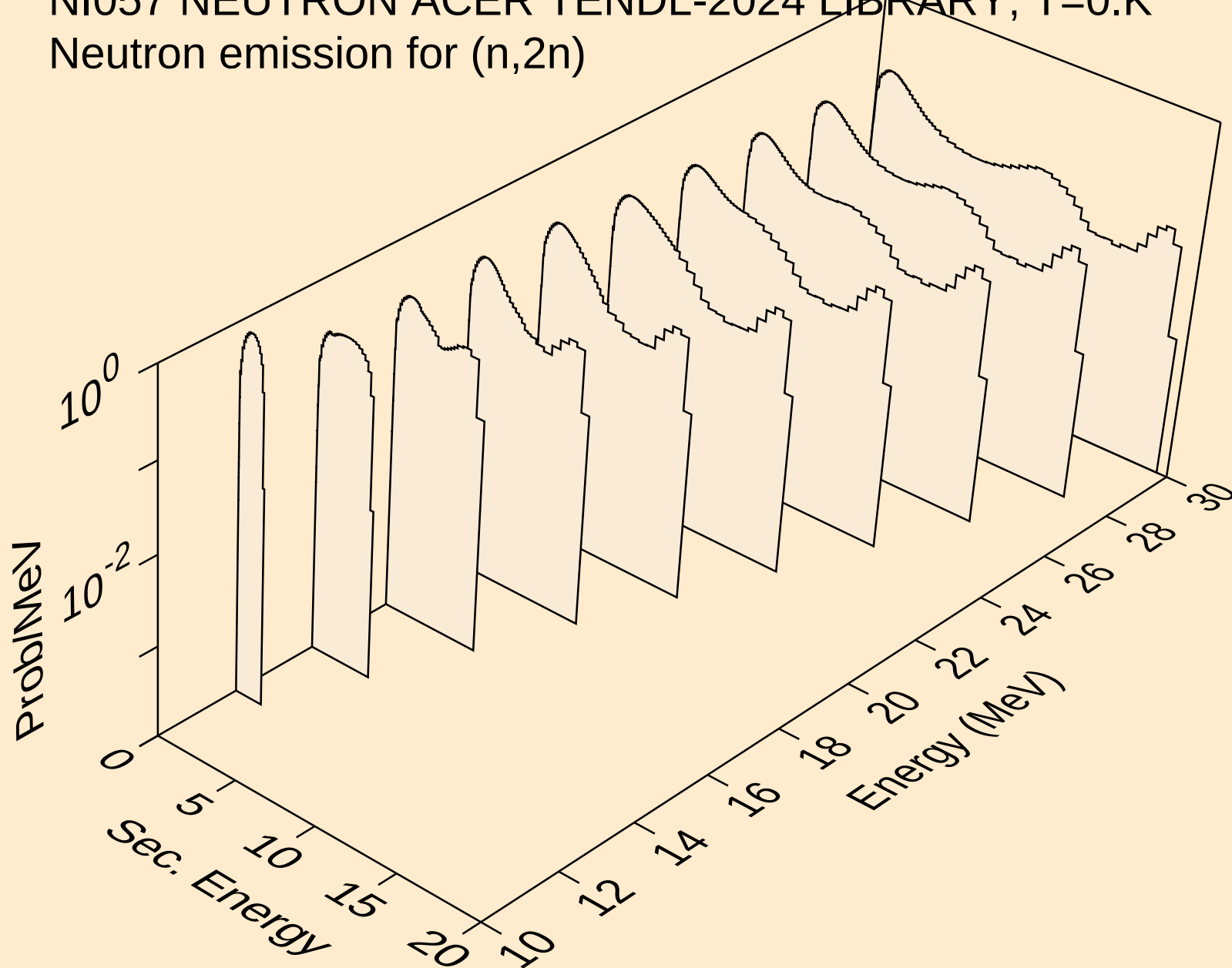
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angular distribution for (n,n*17)



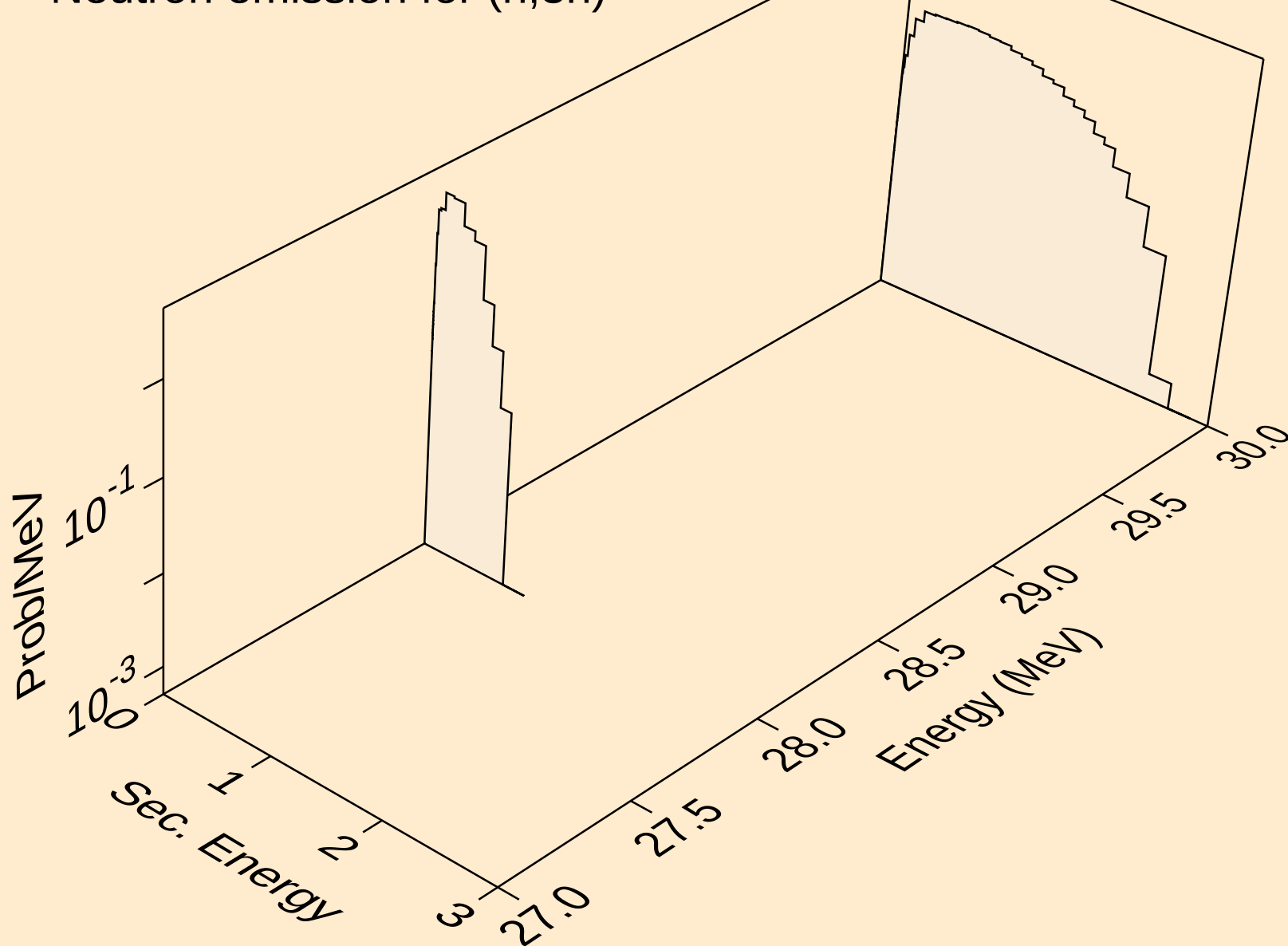
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



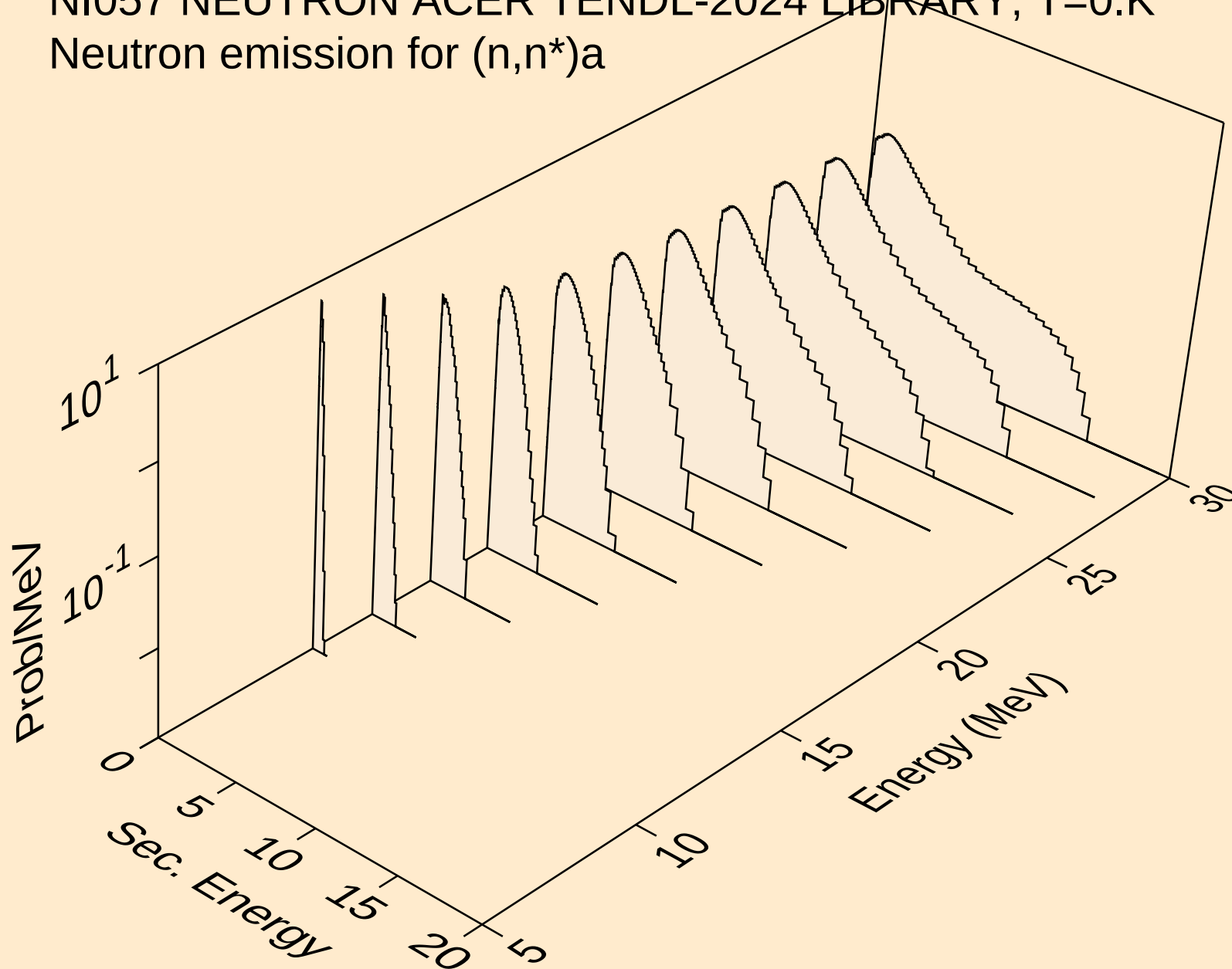
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



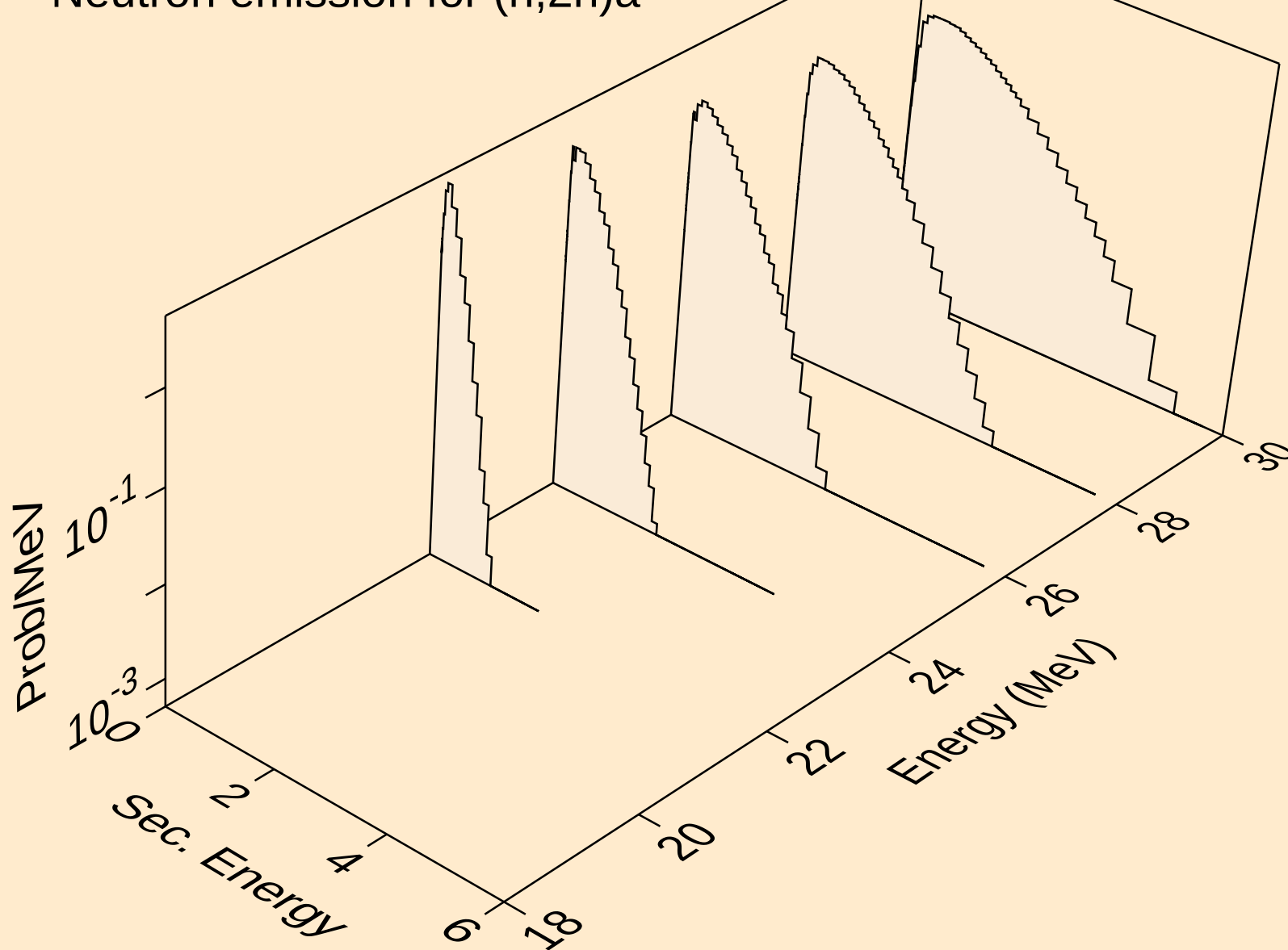
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



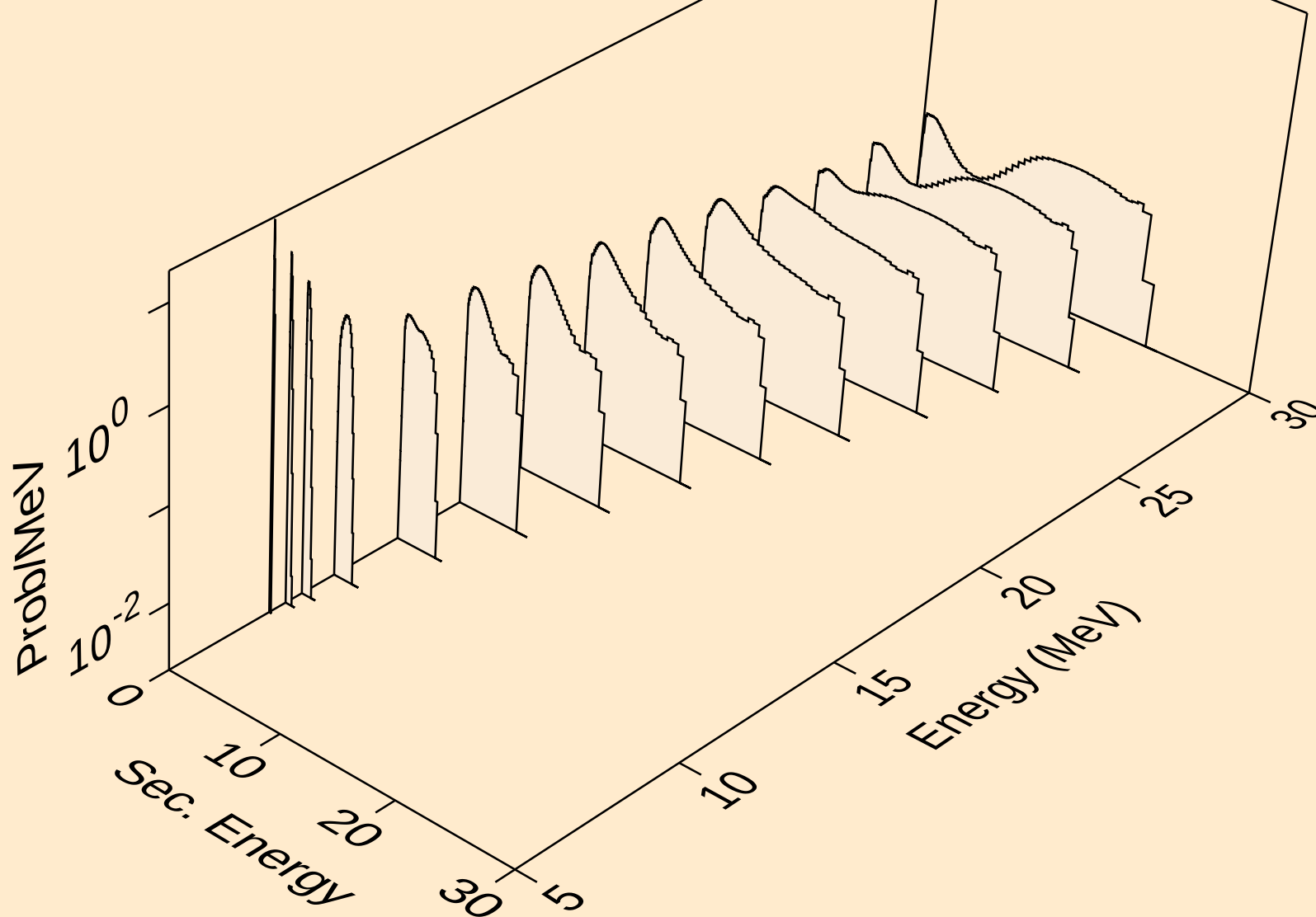
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



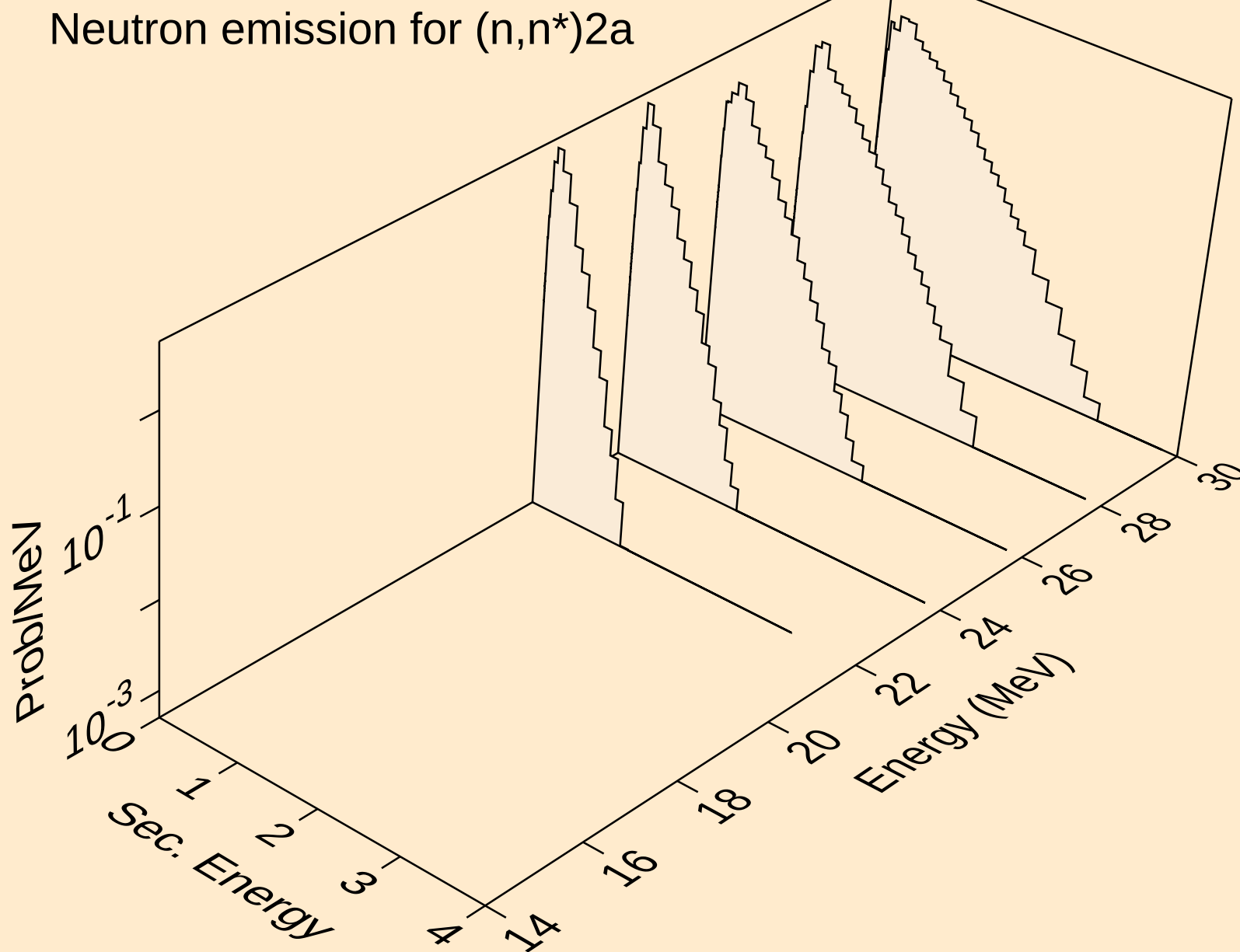
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)a



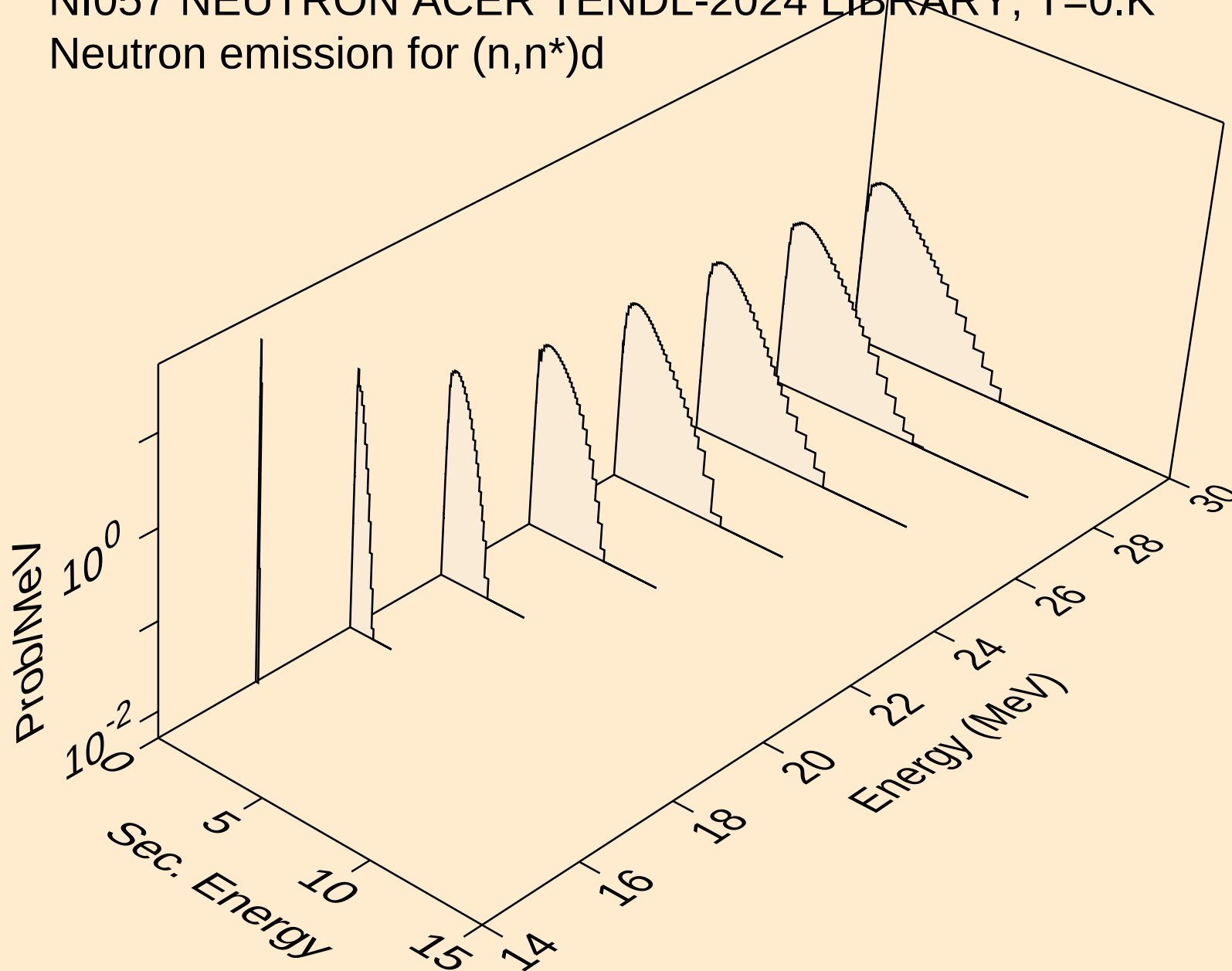
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a

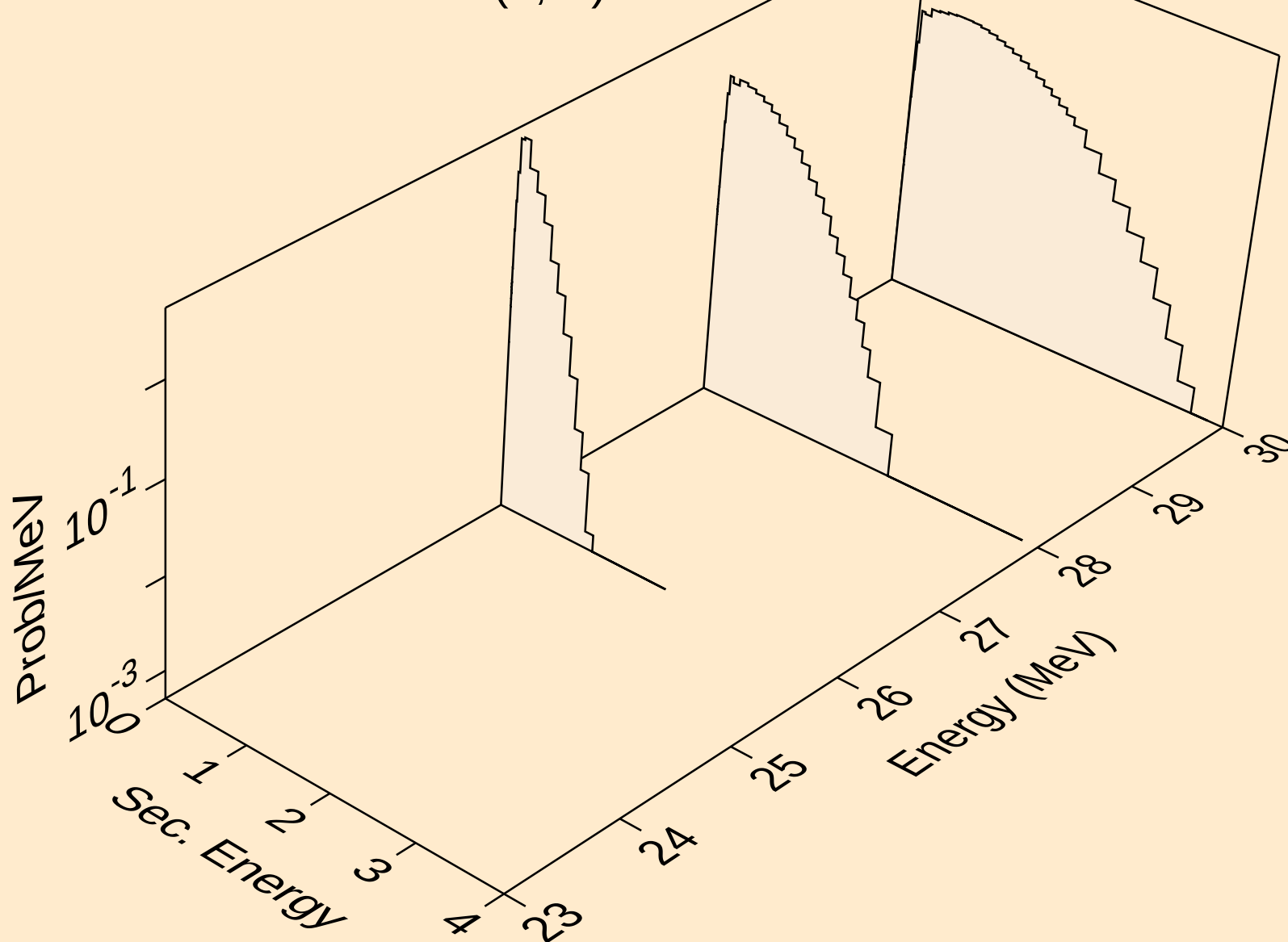


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d

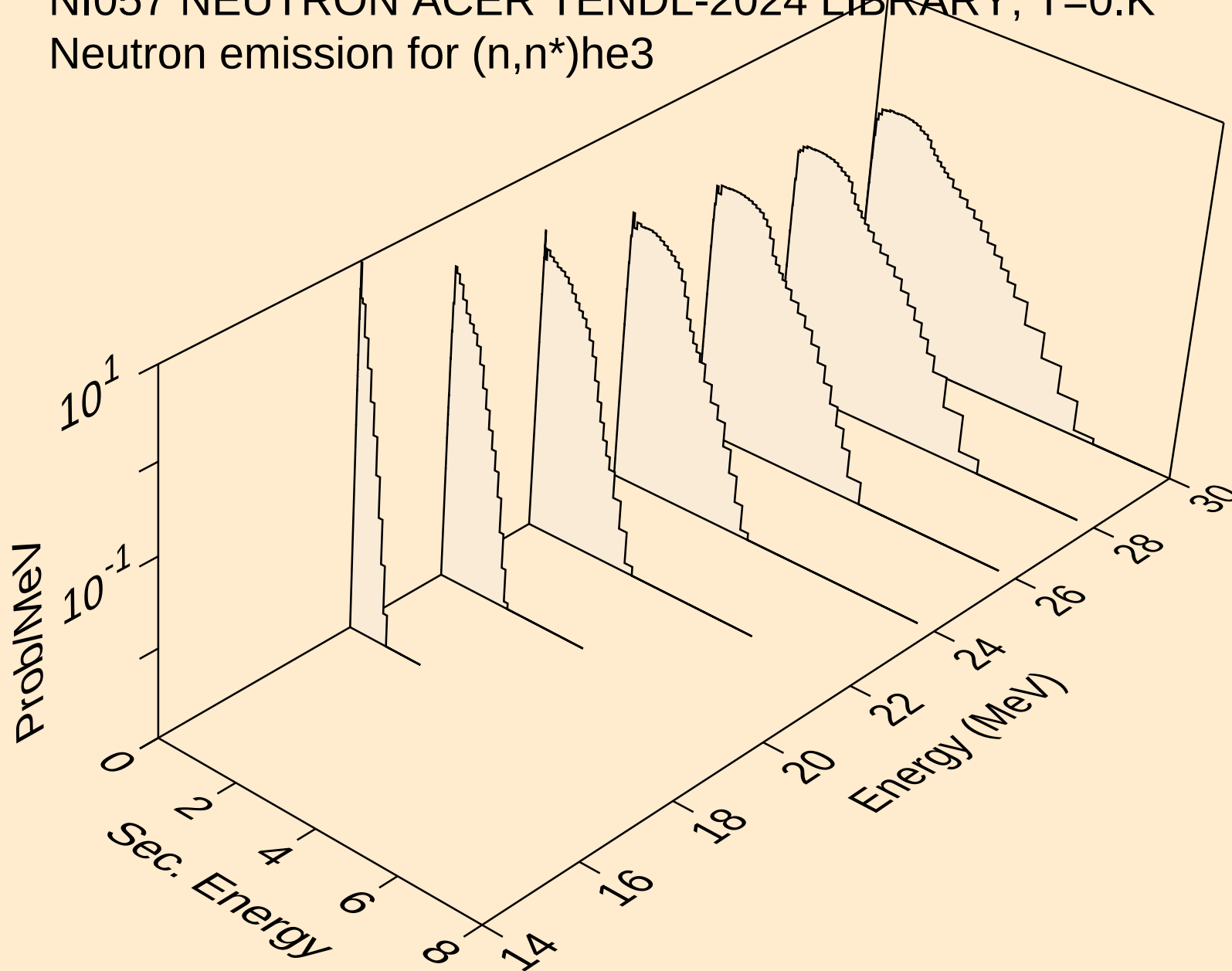


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

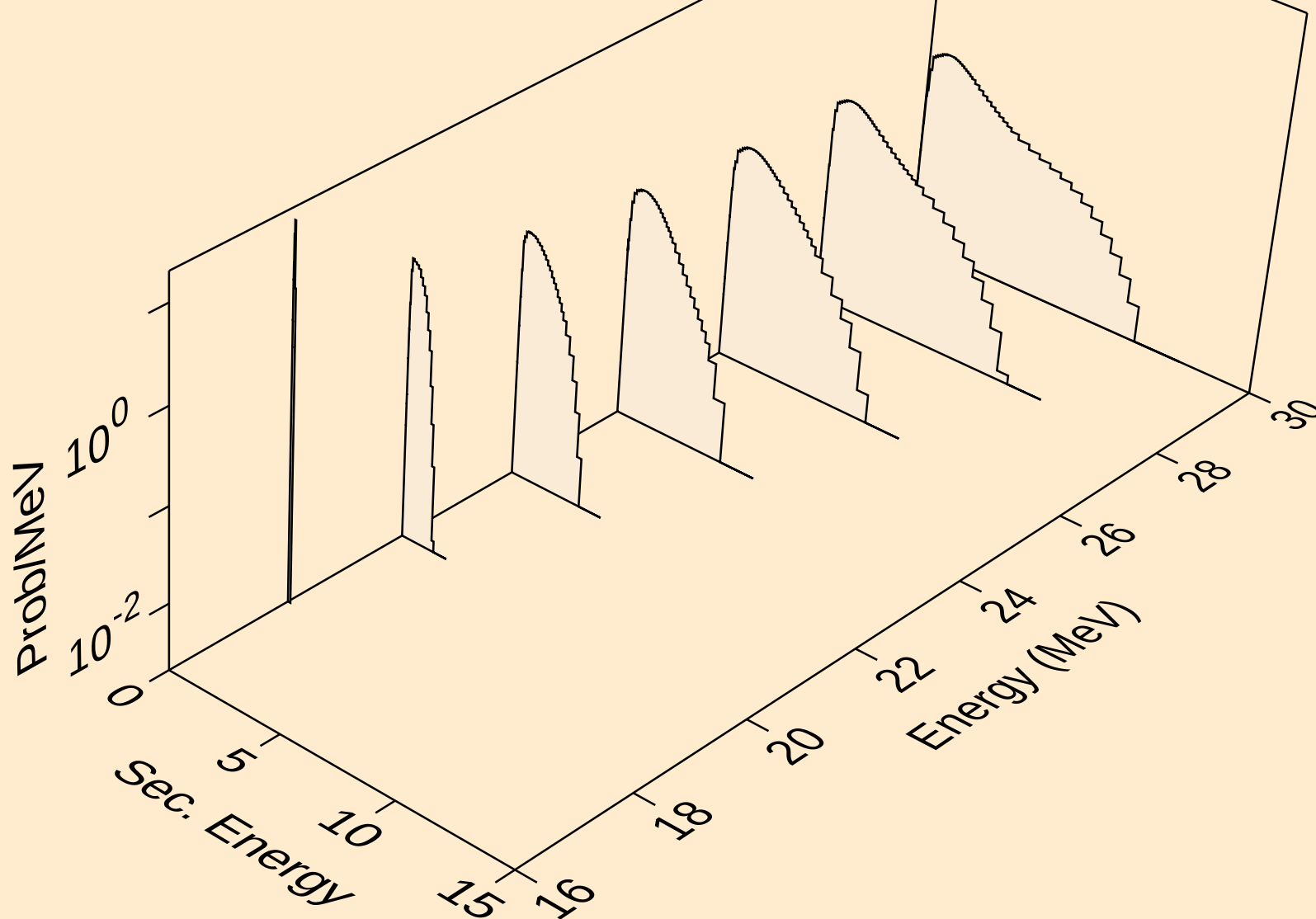
Neutron emission for (n,n*)t



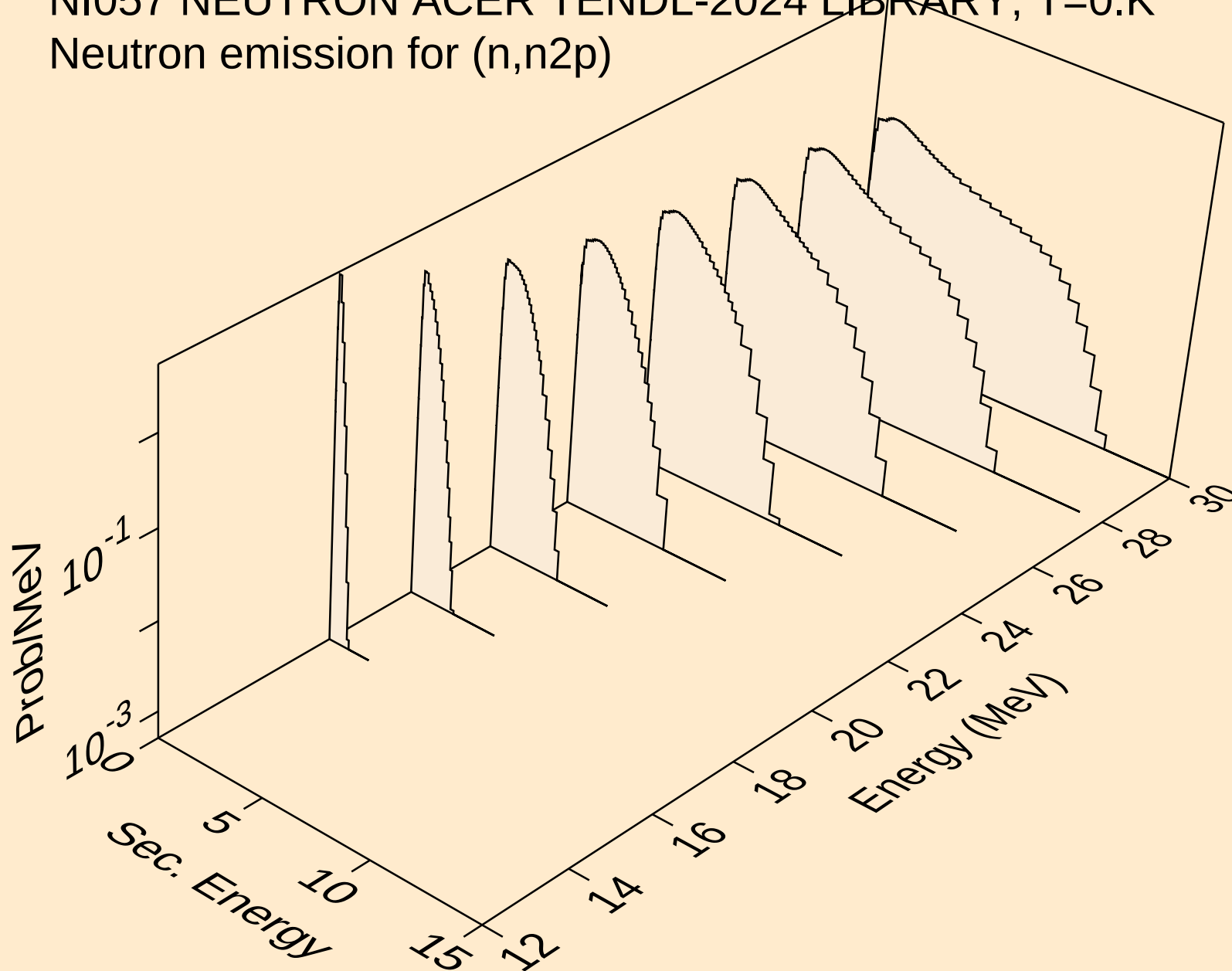
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



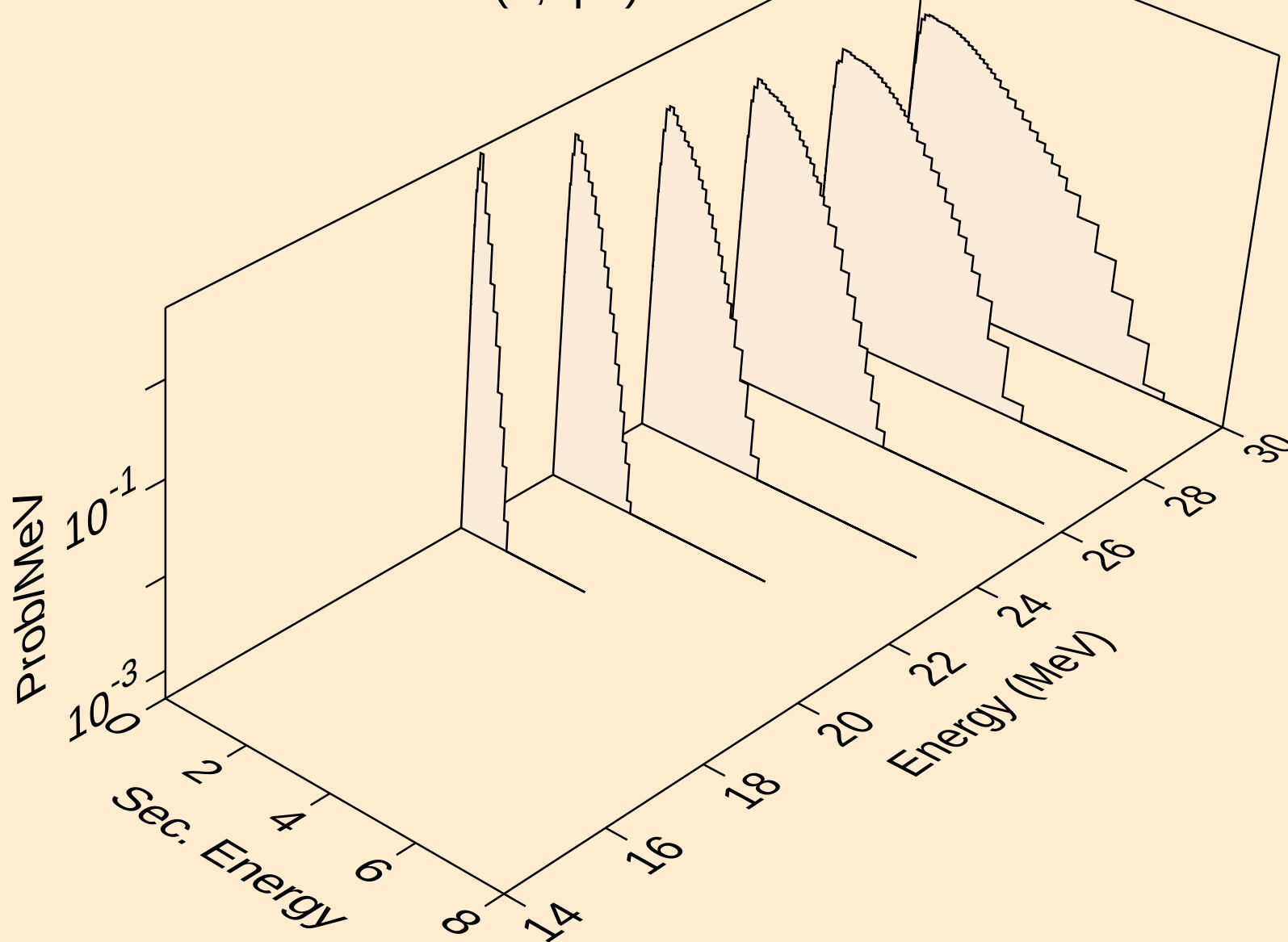
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



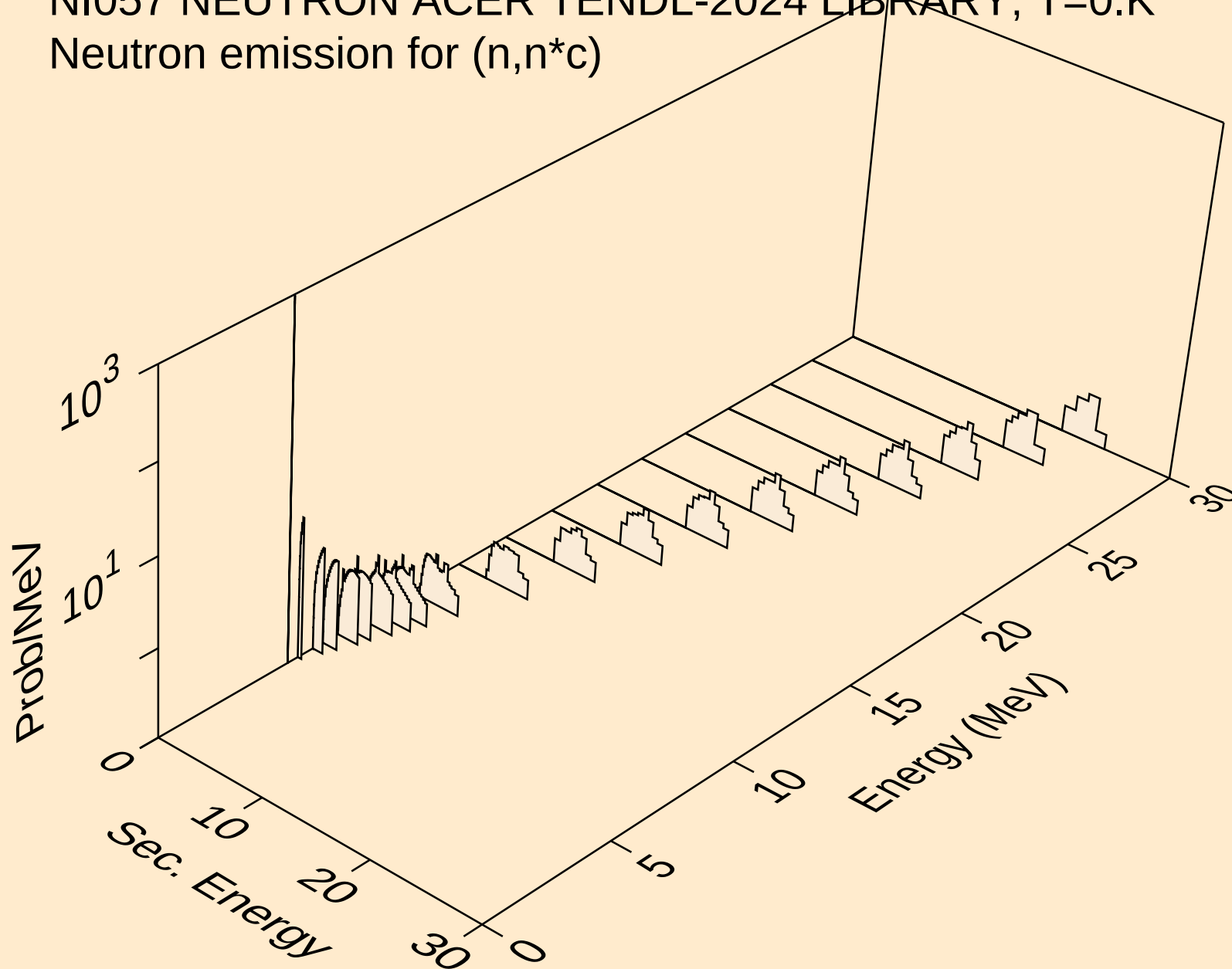
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



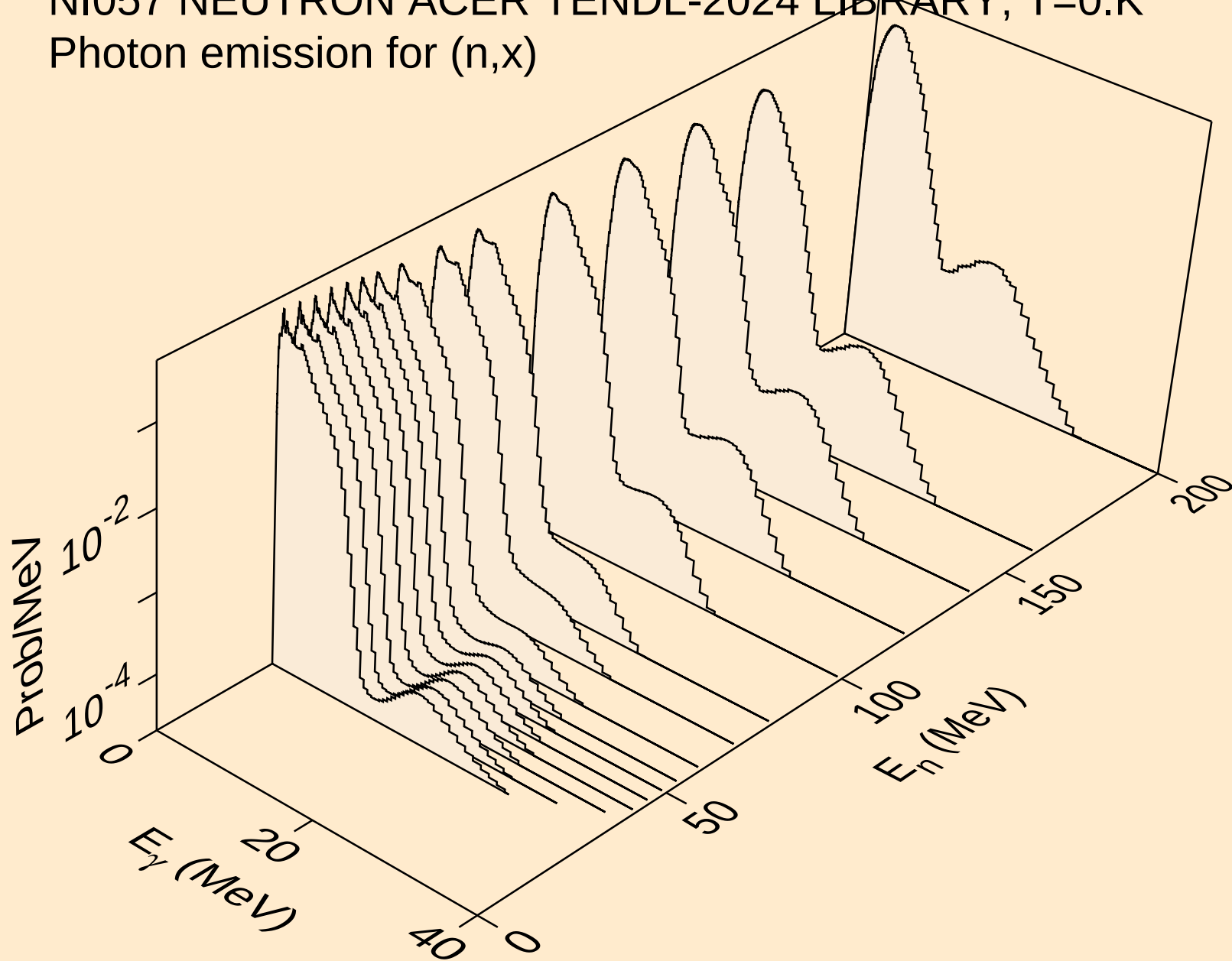
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)



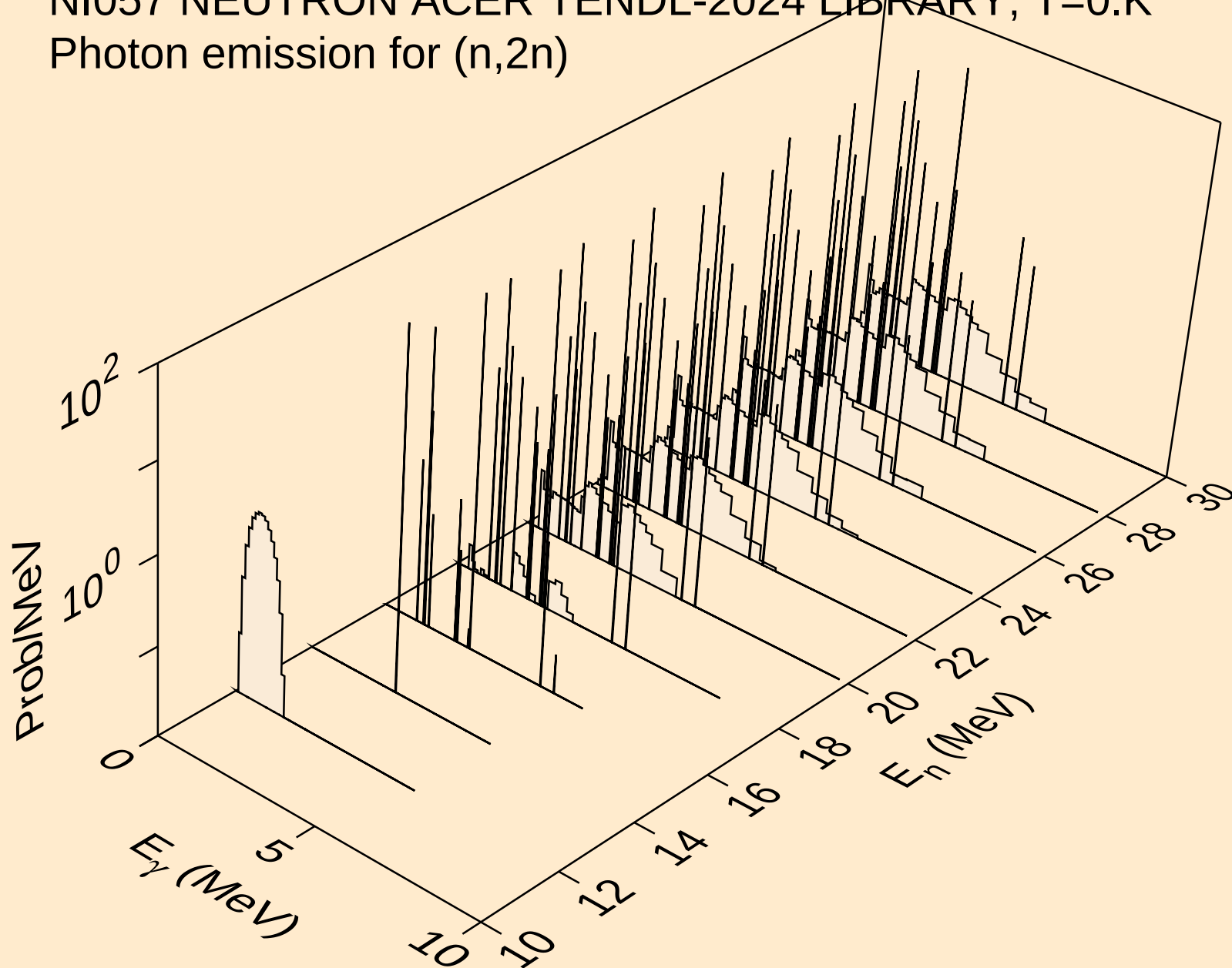
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Neutron emission for (n,n*c)



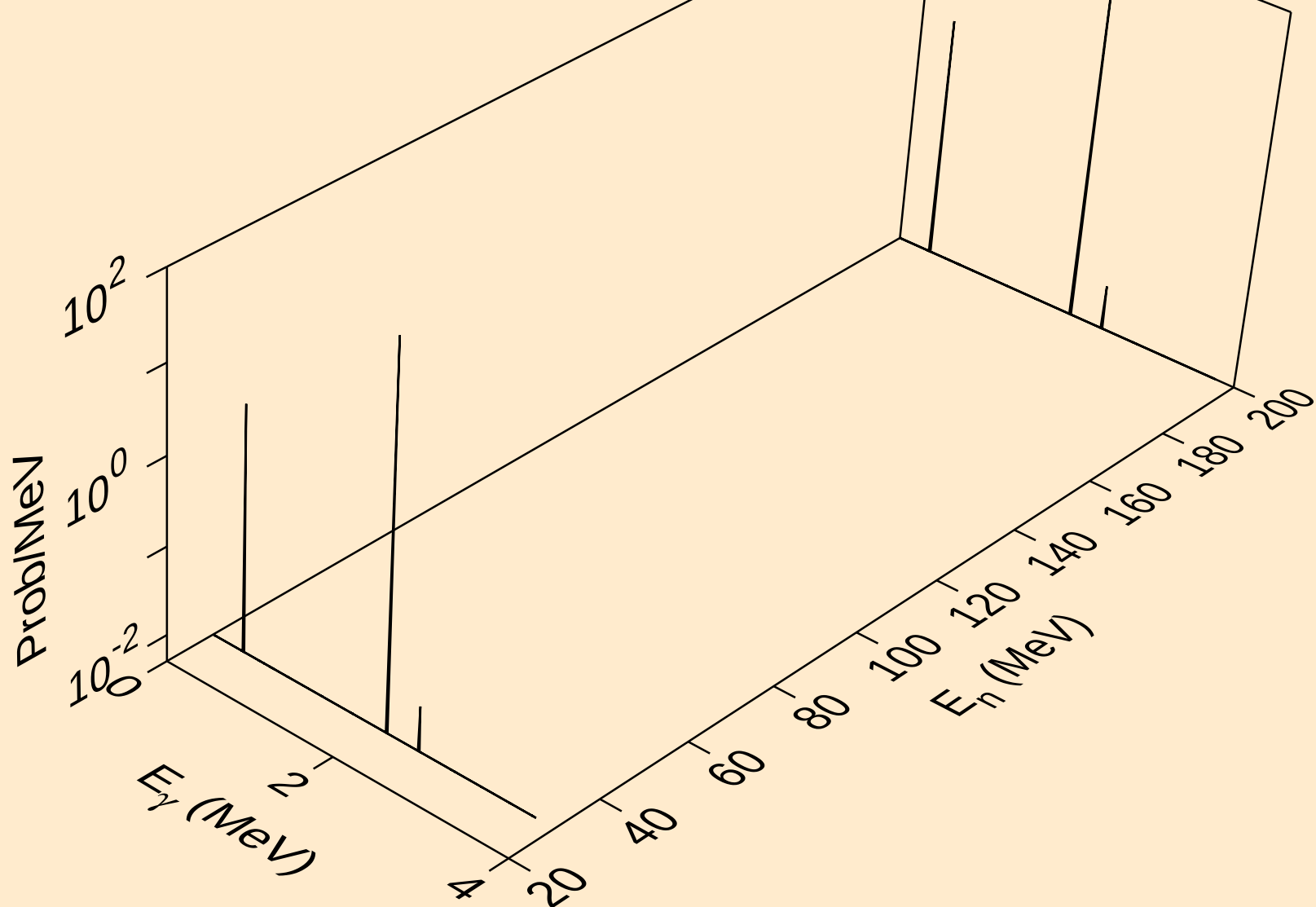
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



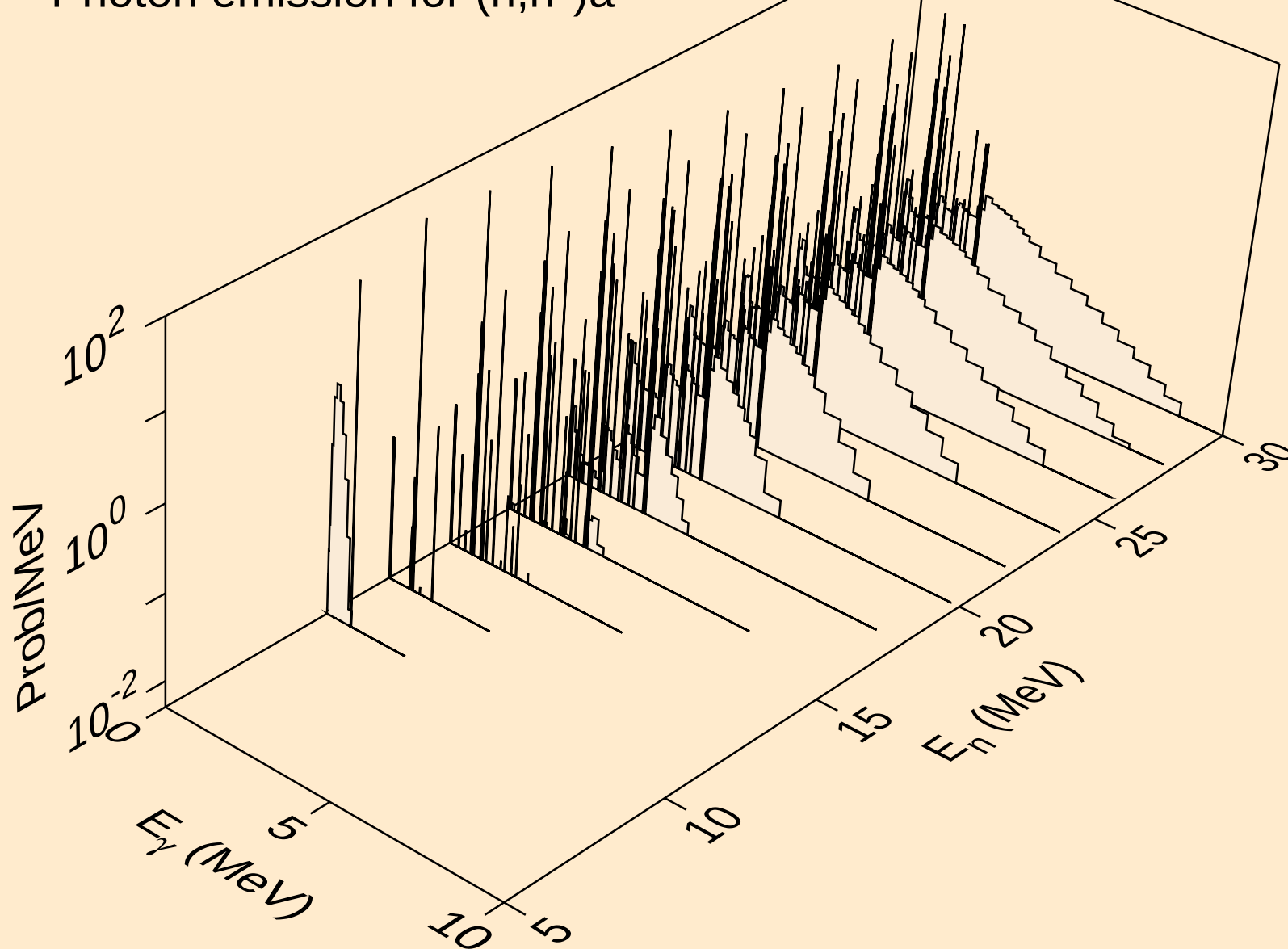
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)

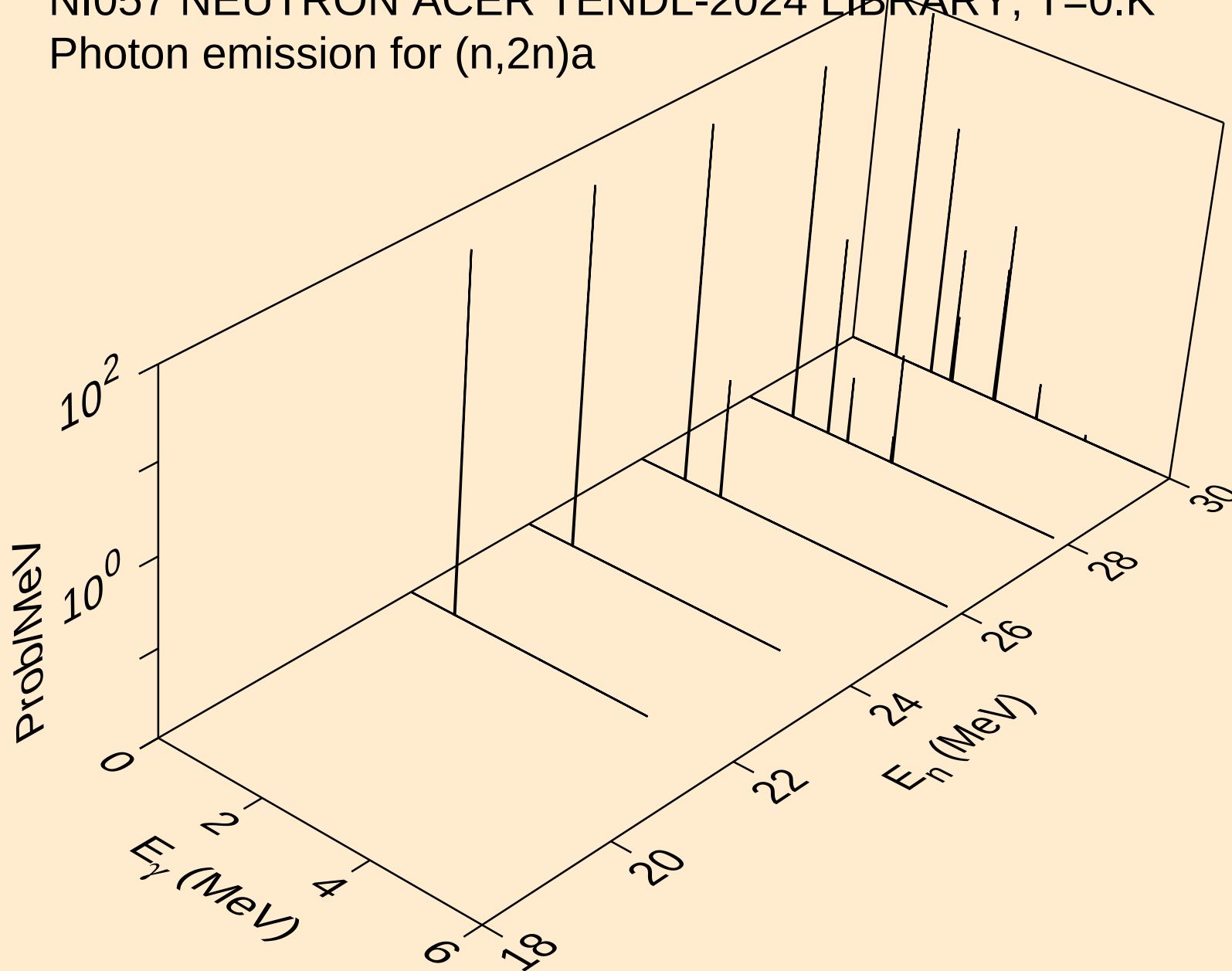


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



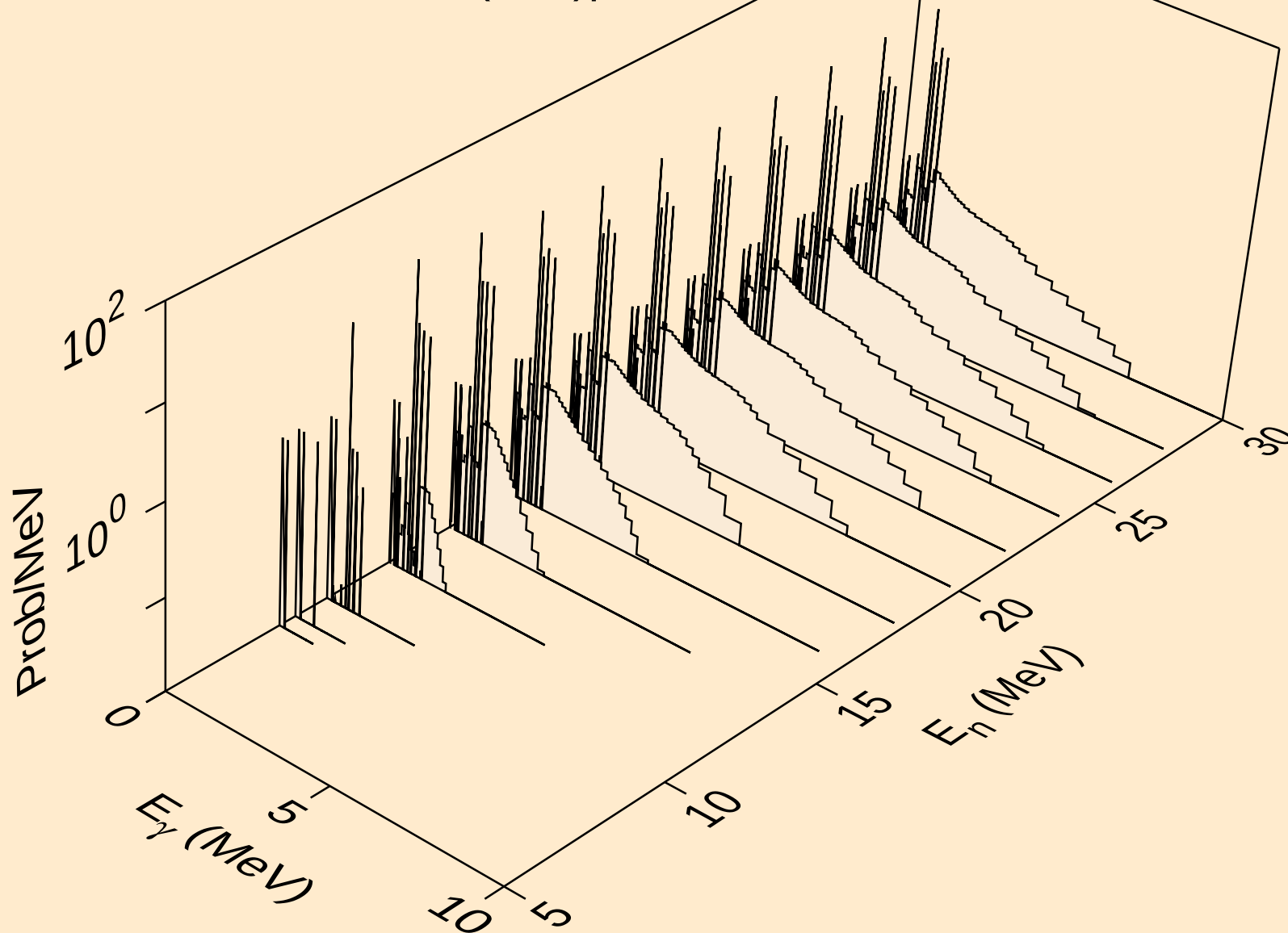
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α

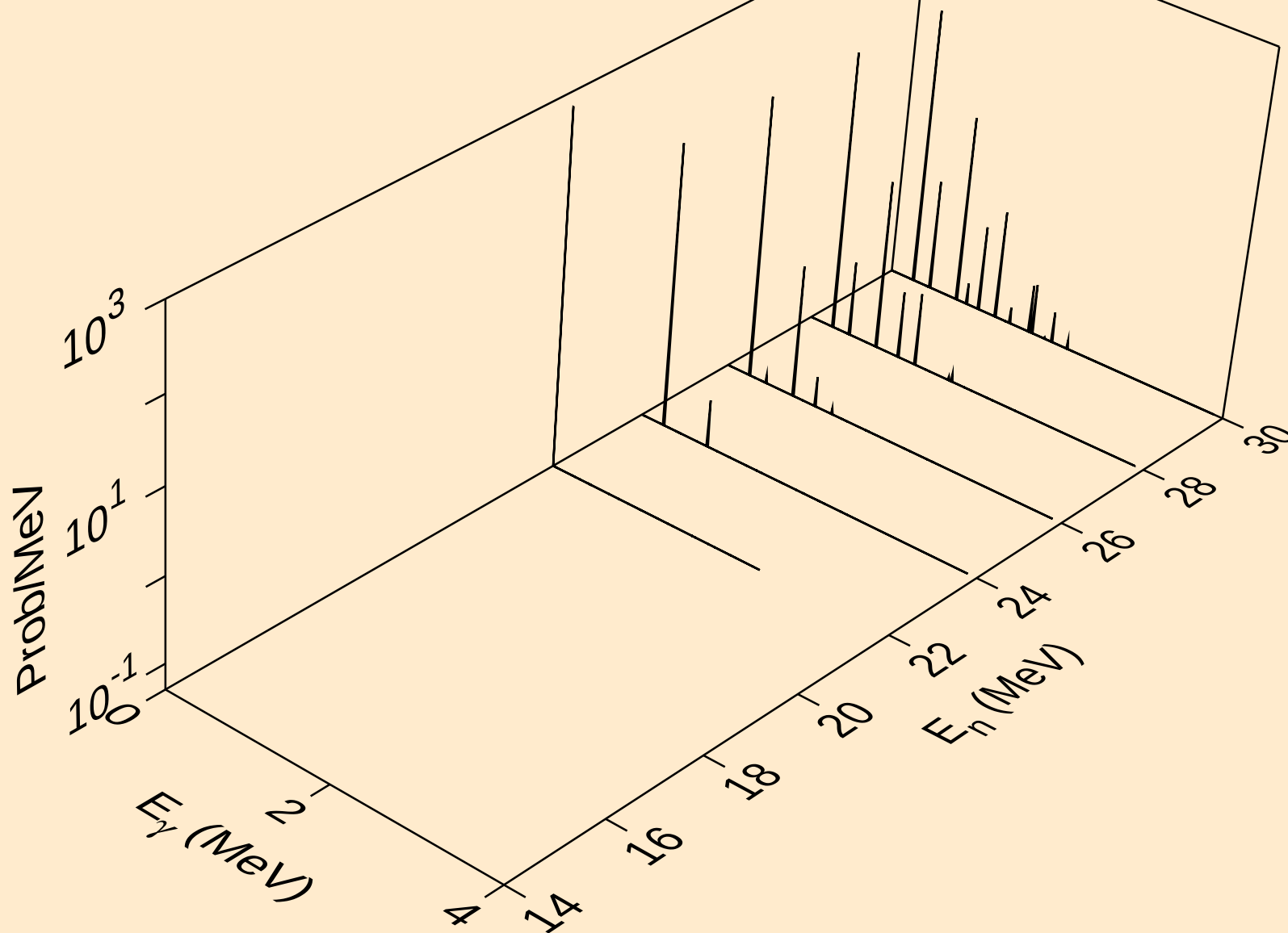


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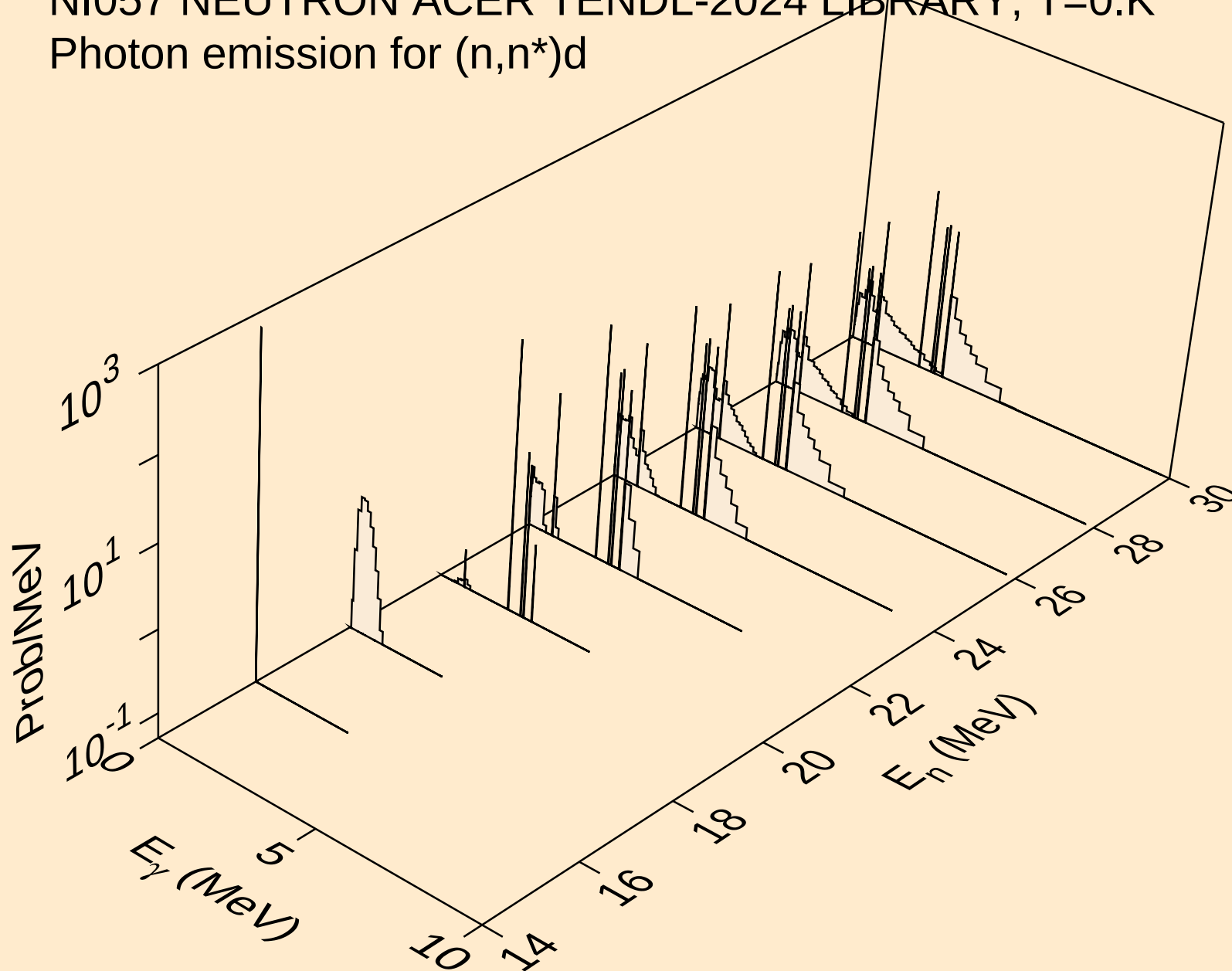
Photon emission for (n,n*)p



NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a

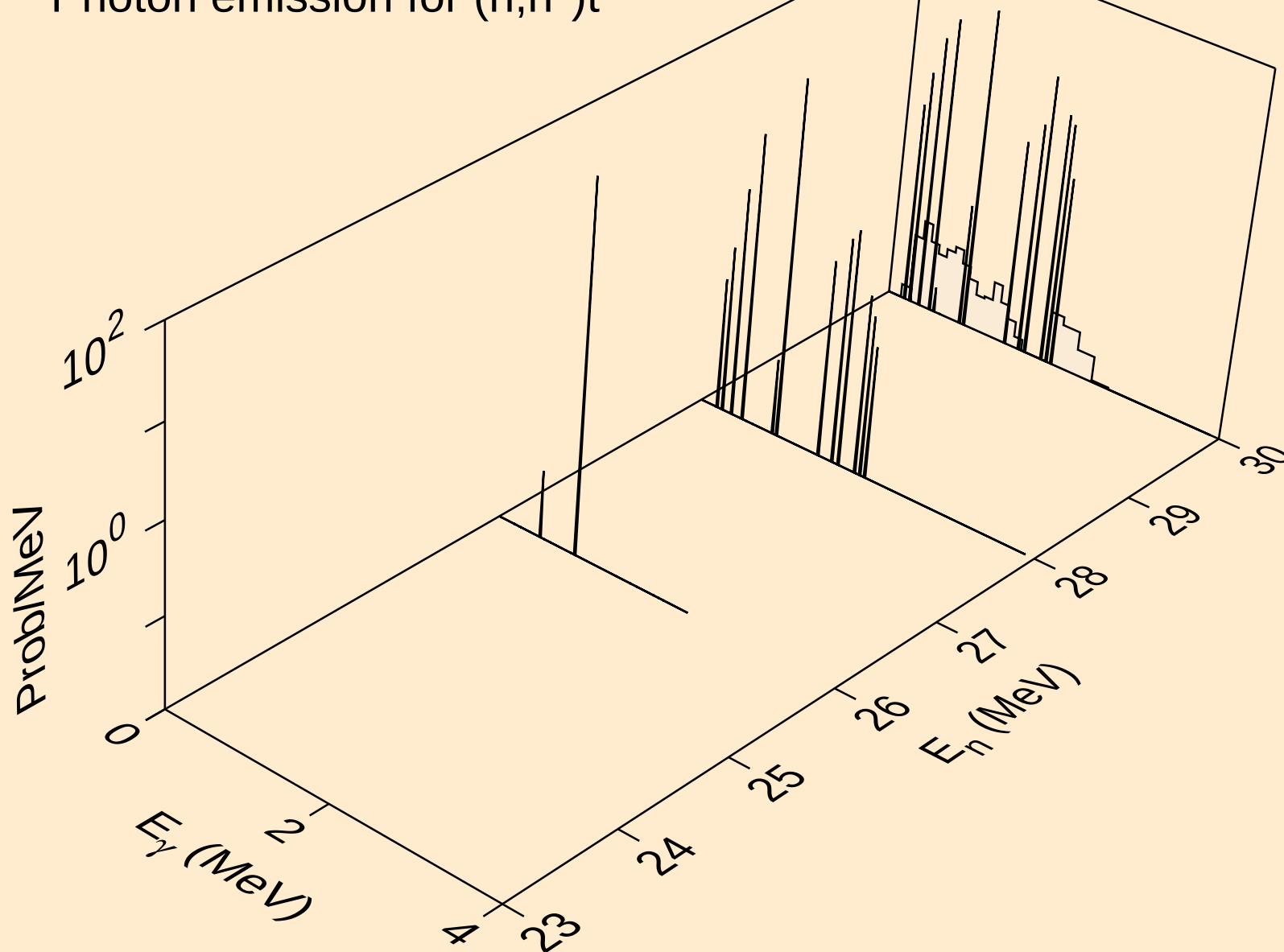


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d

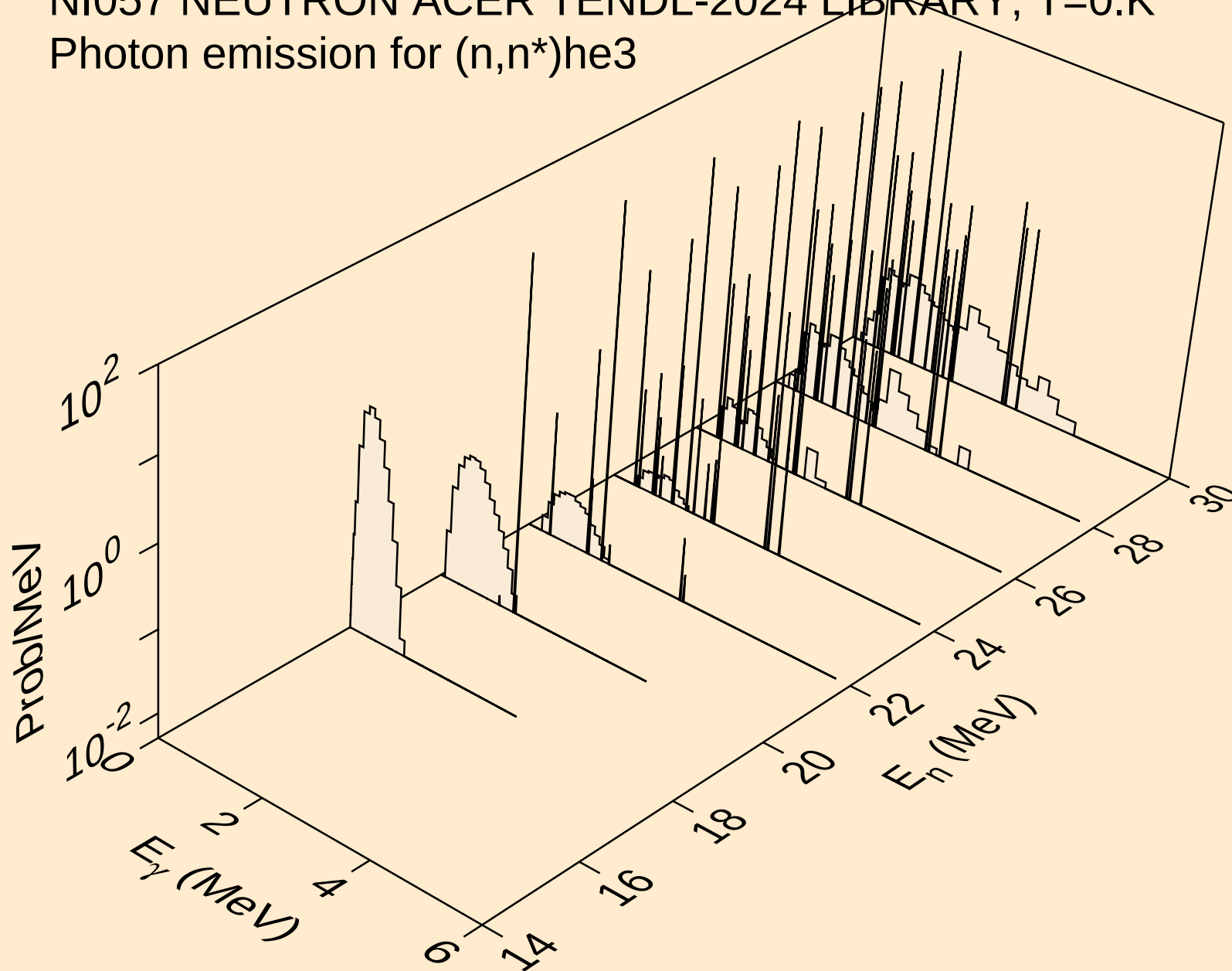


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

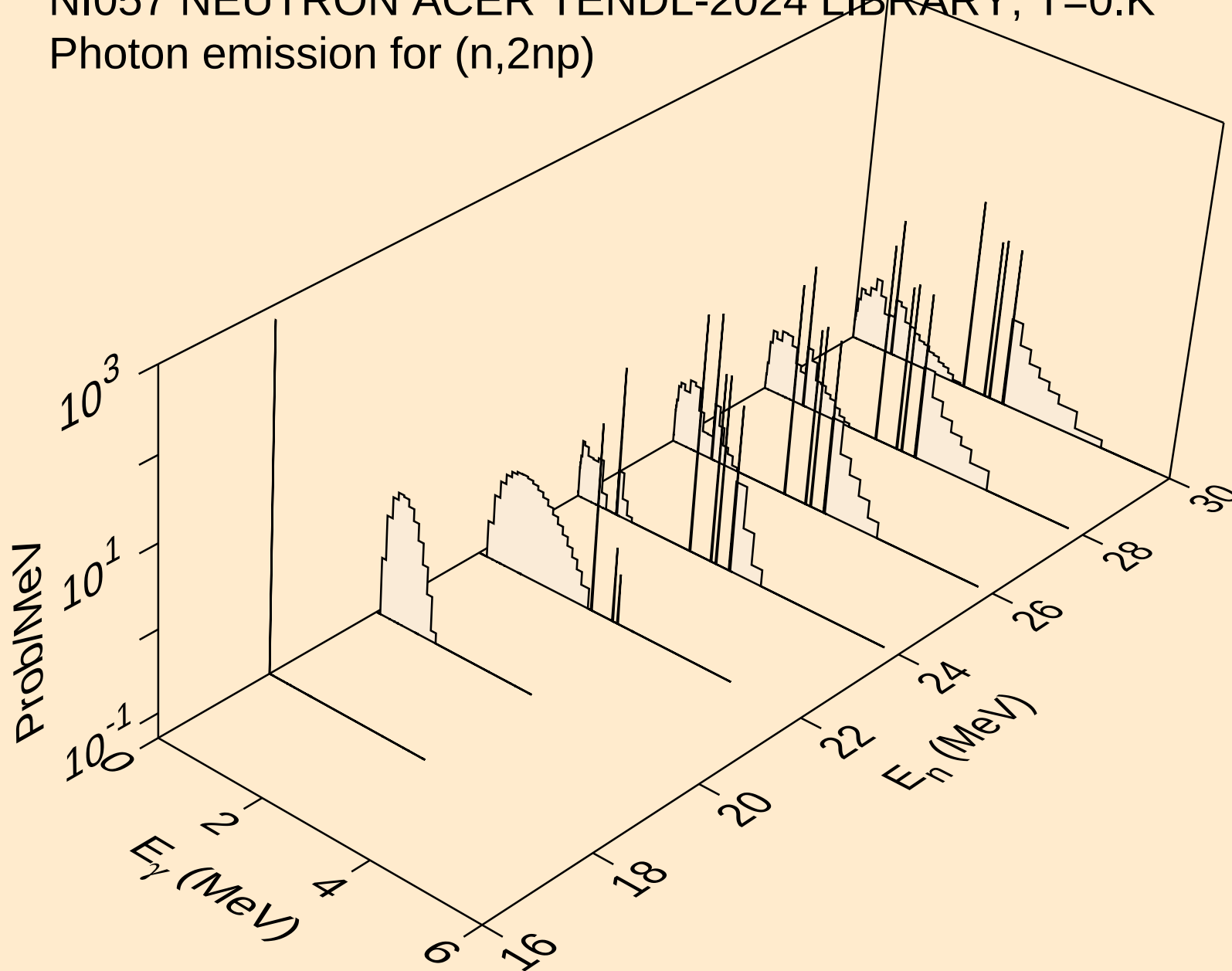
Photon emission for (n,n*)t



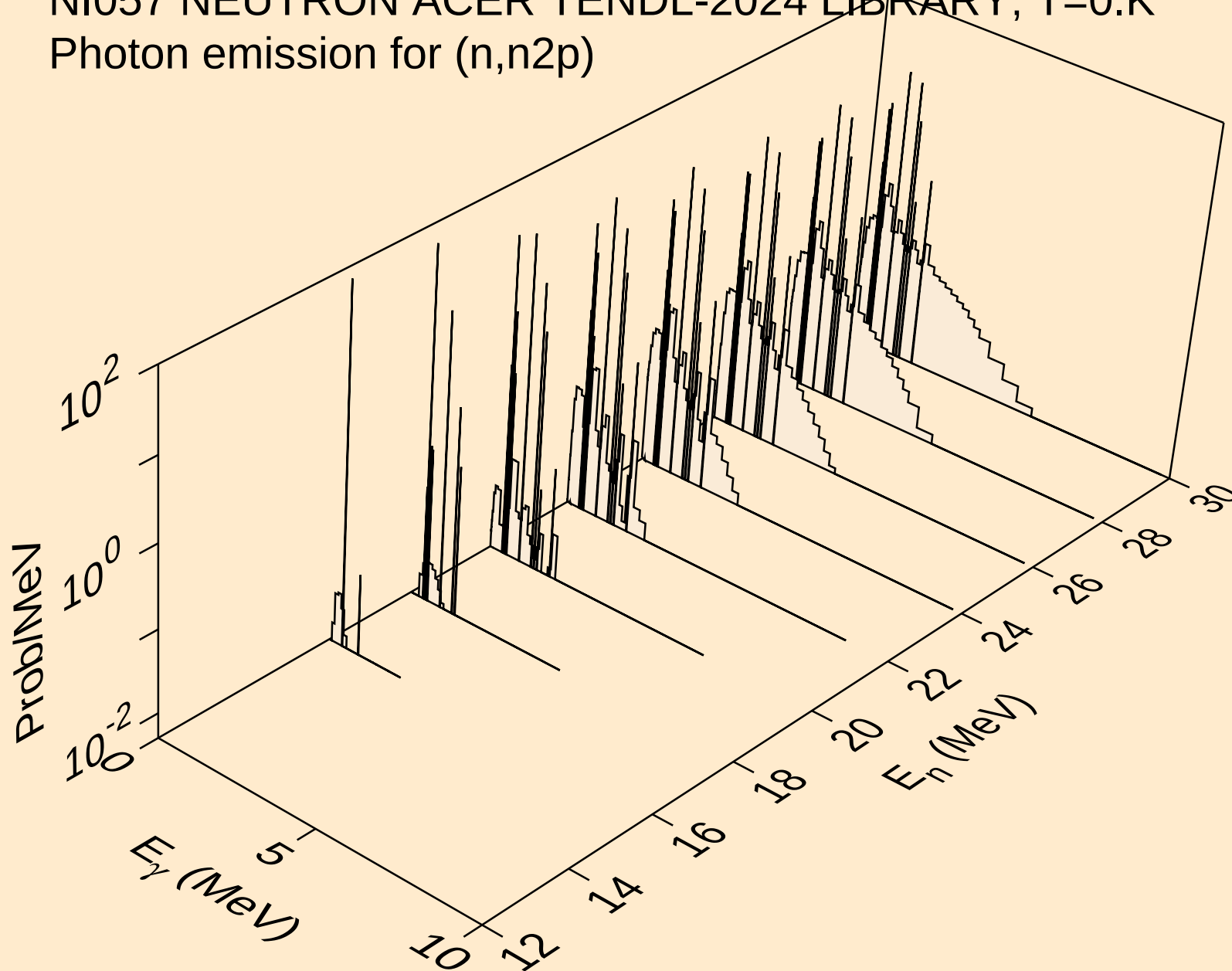
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



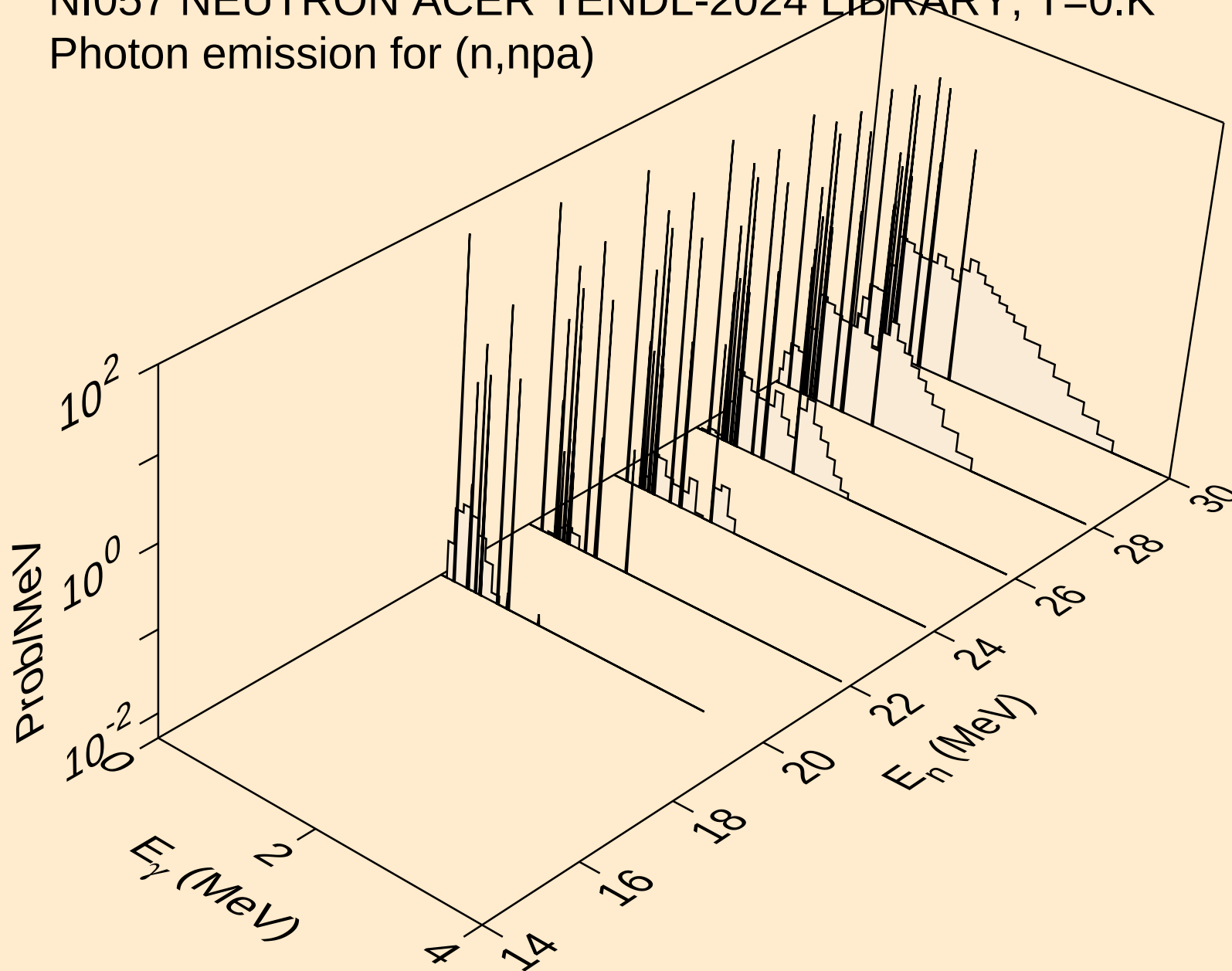
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



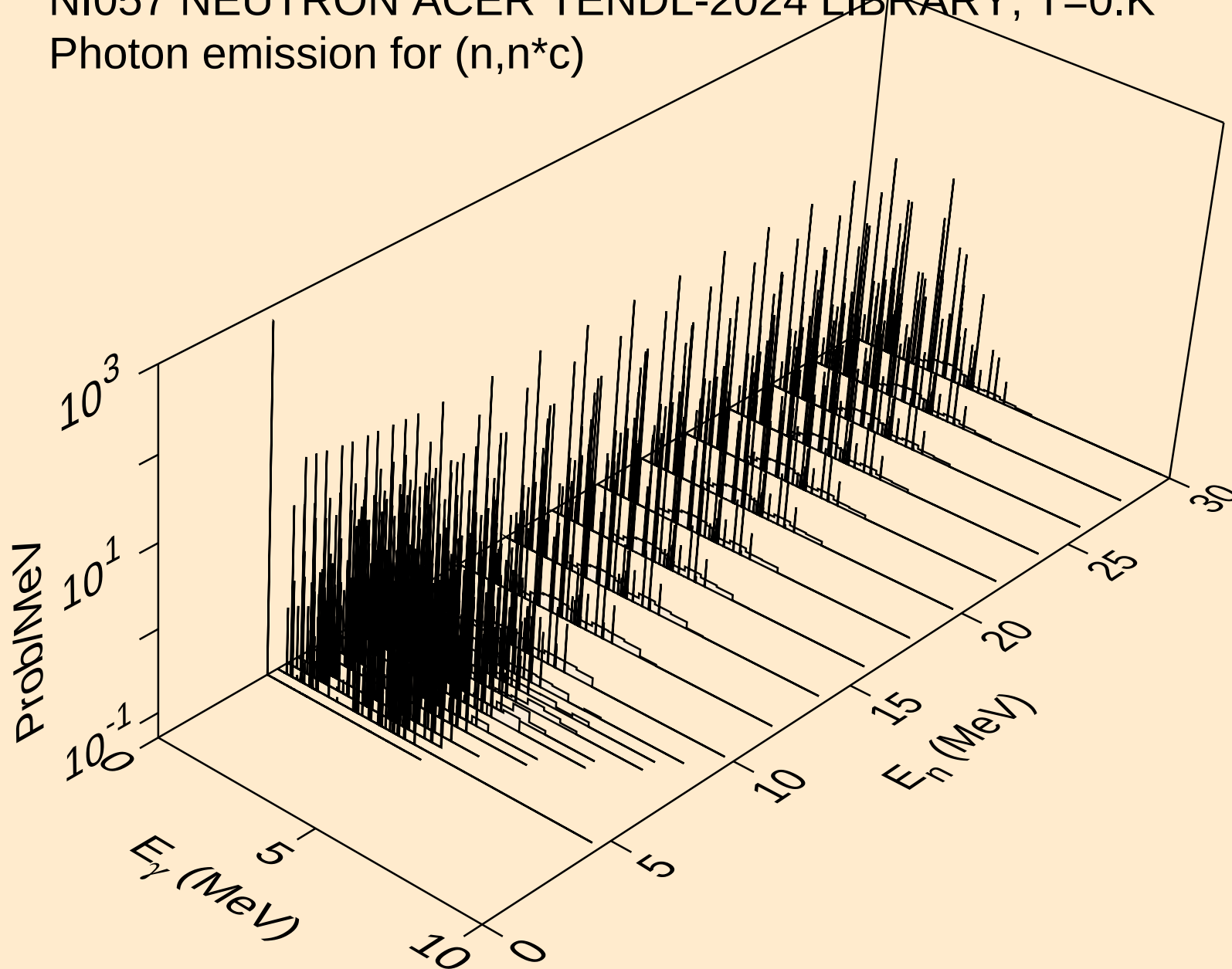
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



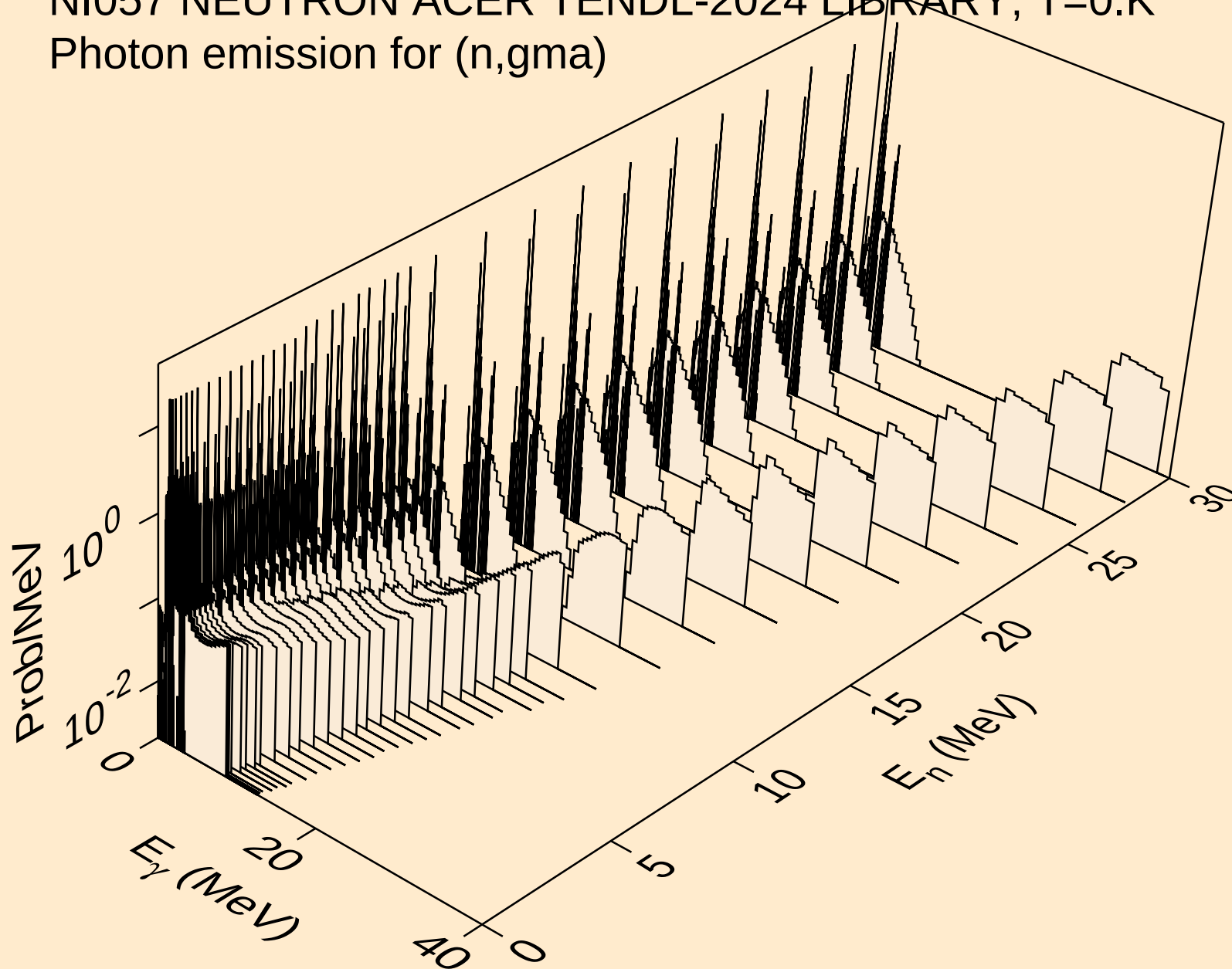
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



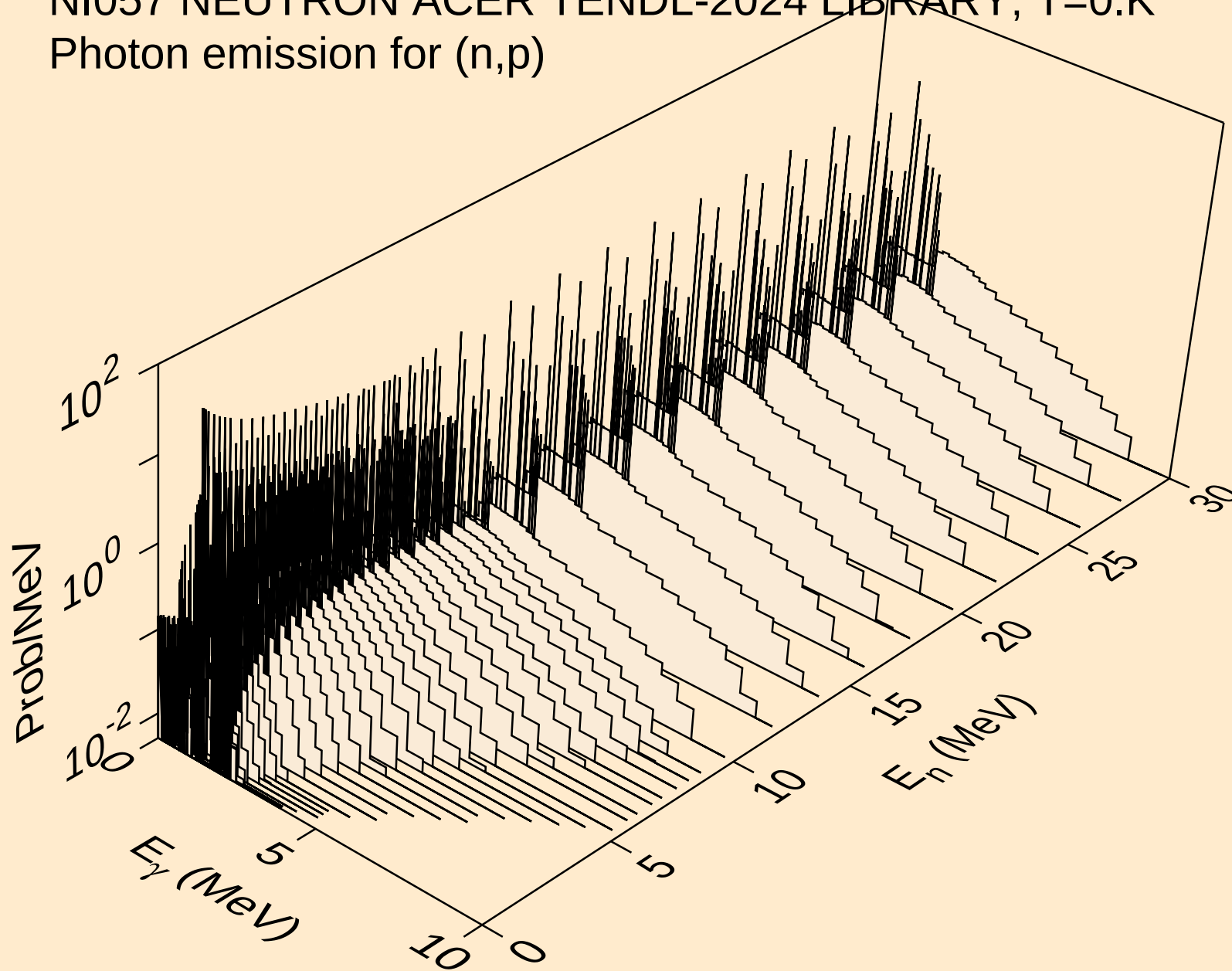
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*c)



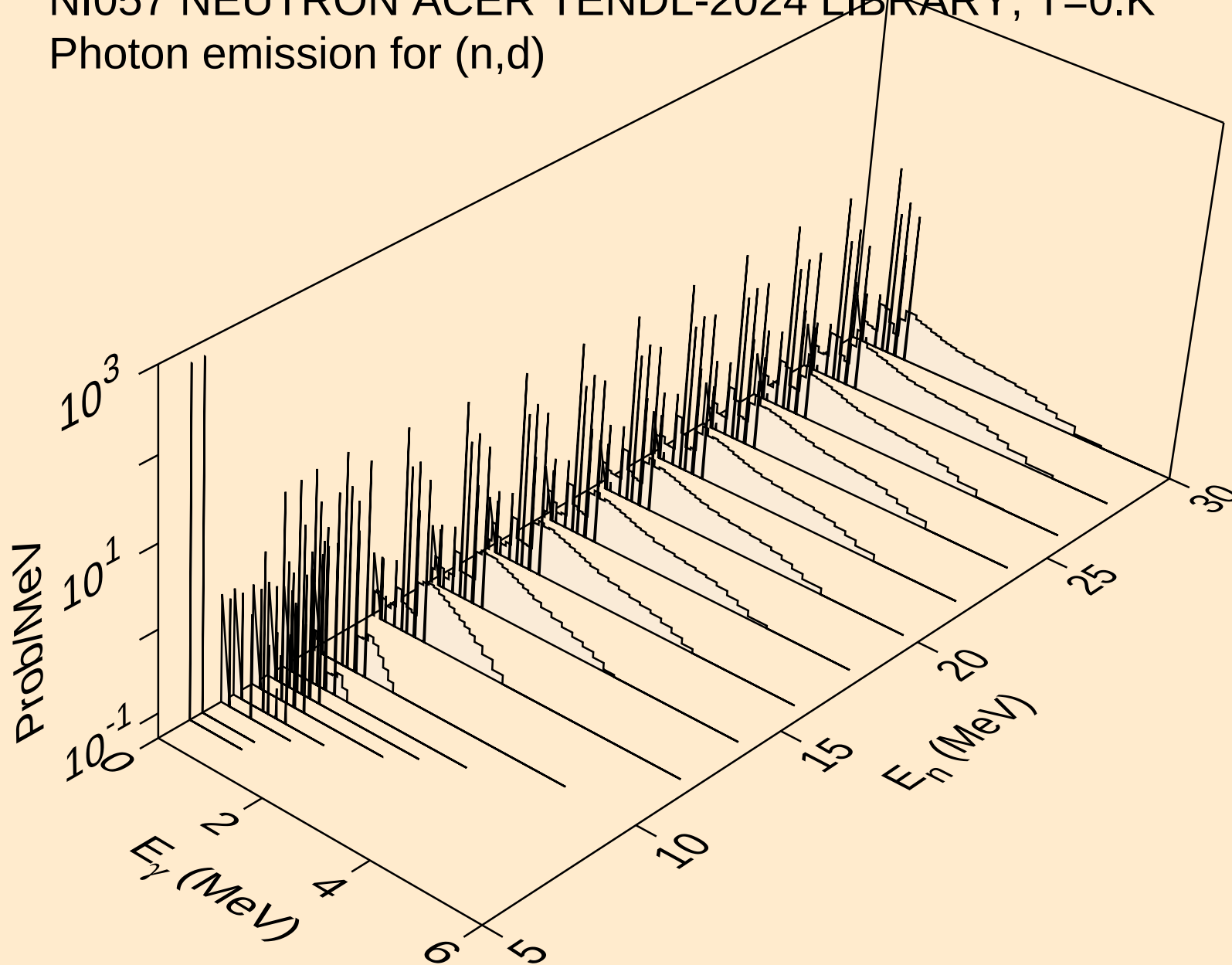
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



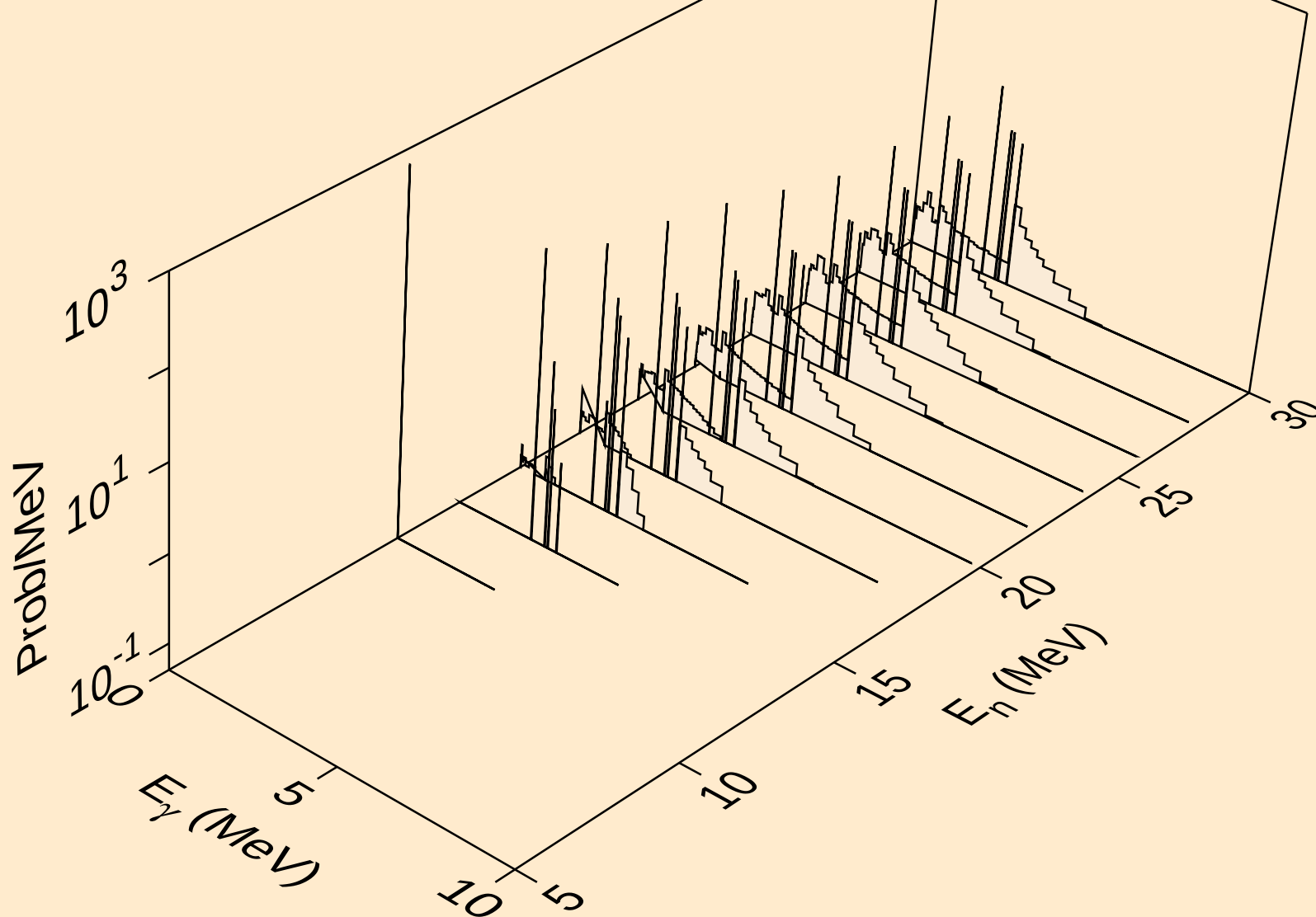
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



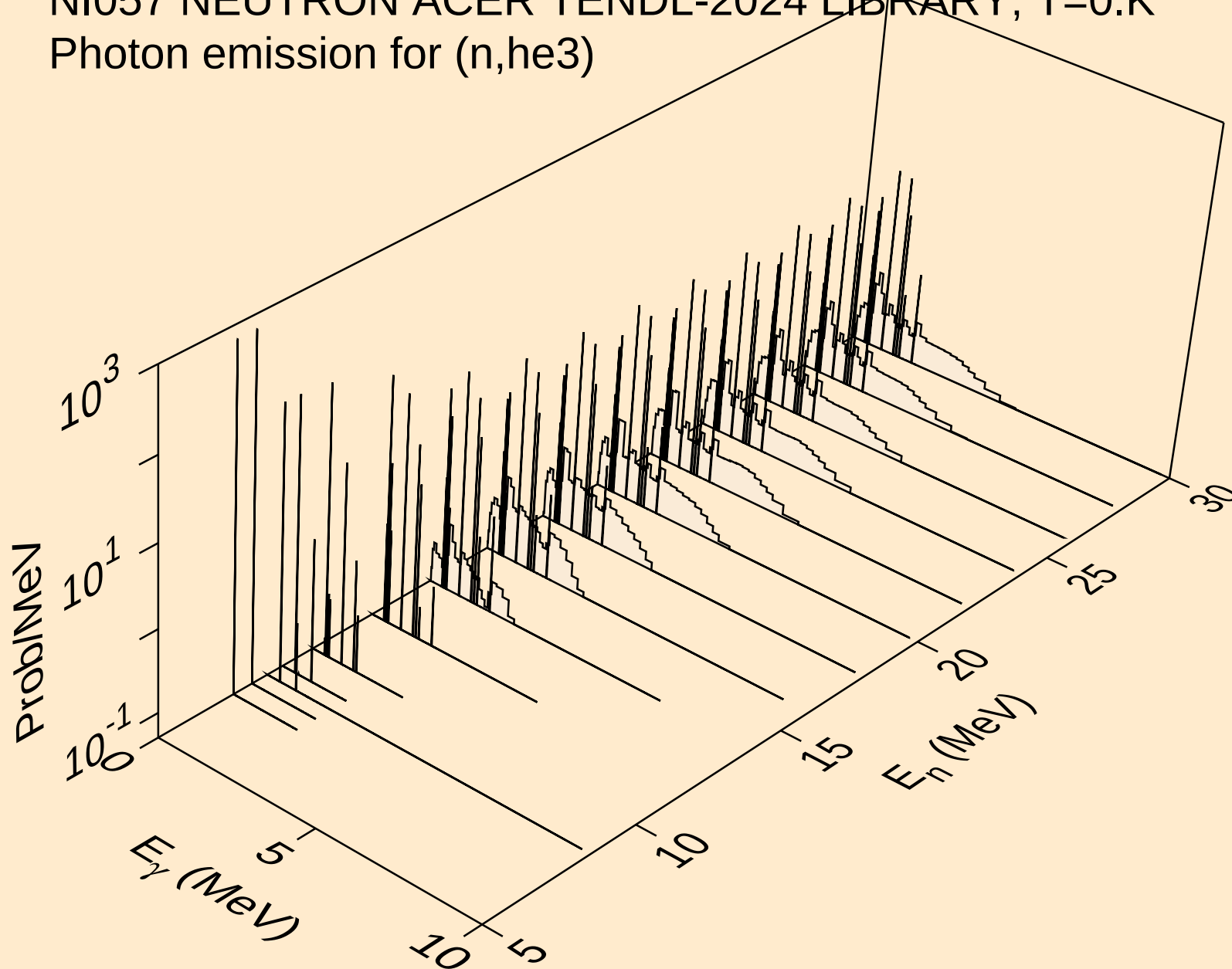
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



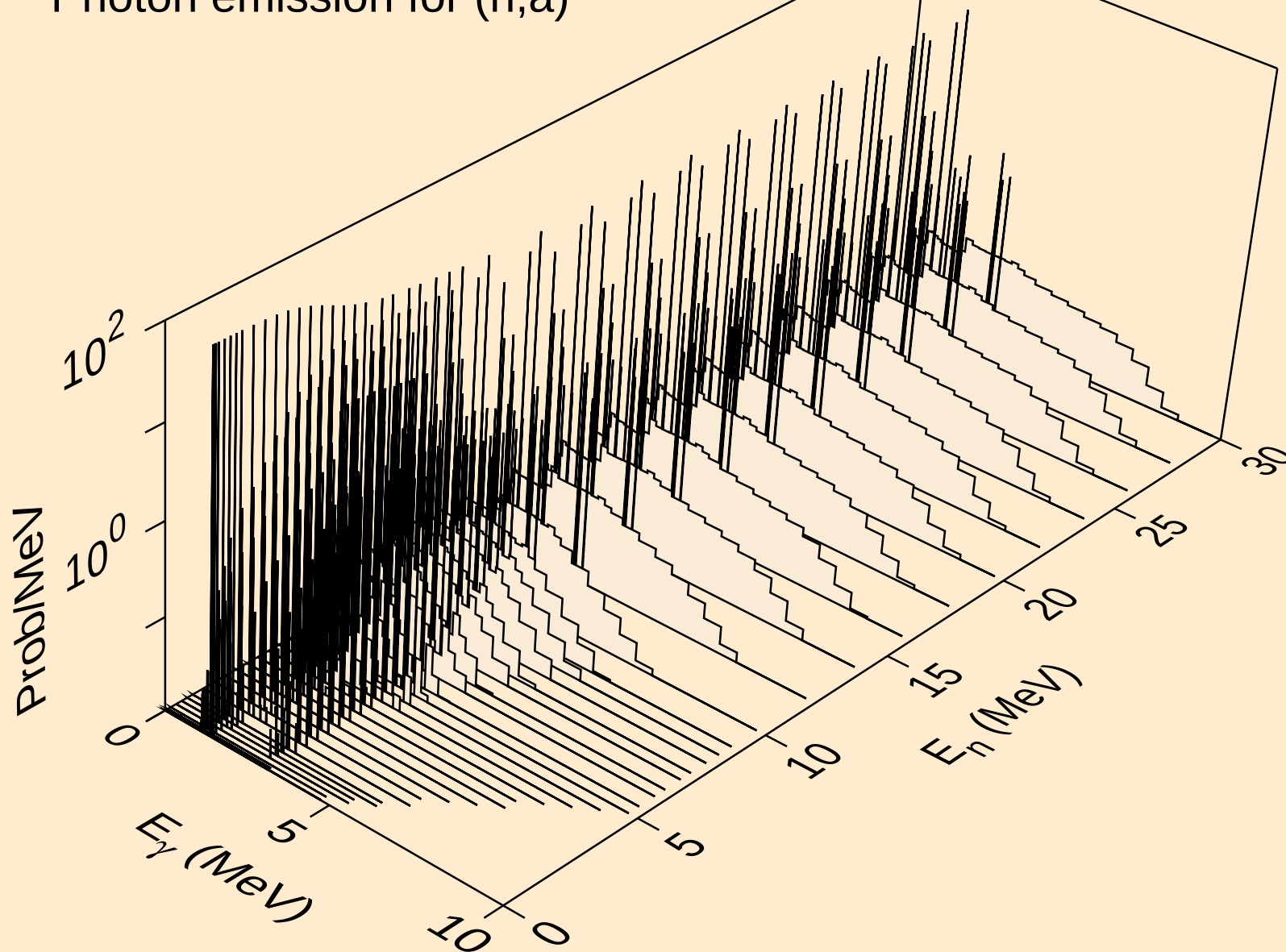
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



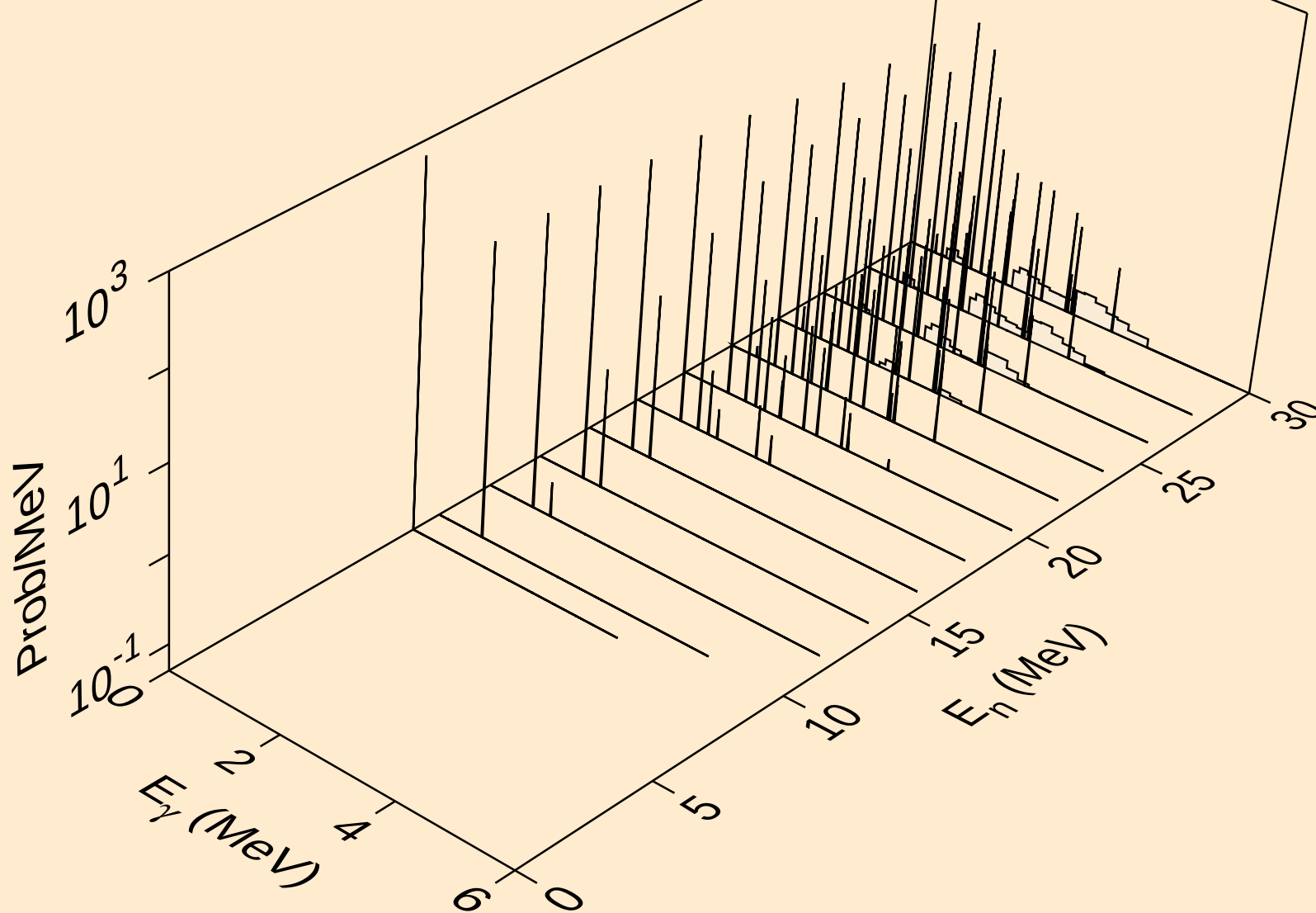
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



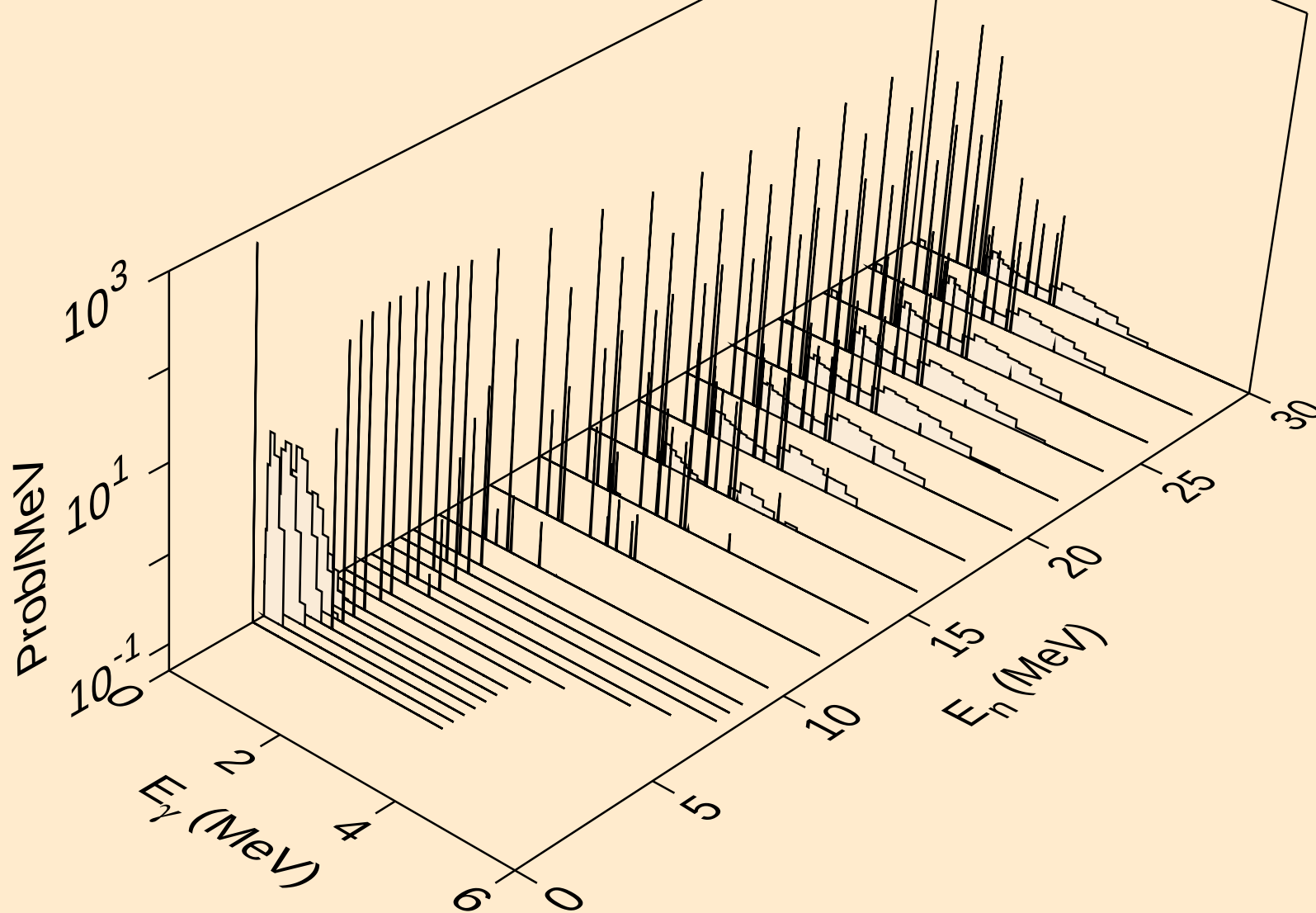
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Photon emission for (n,a)



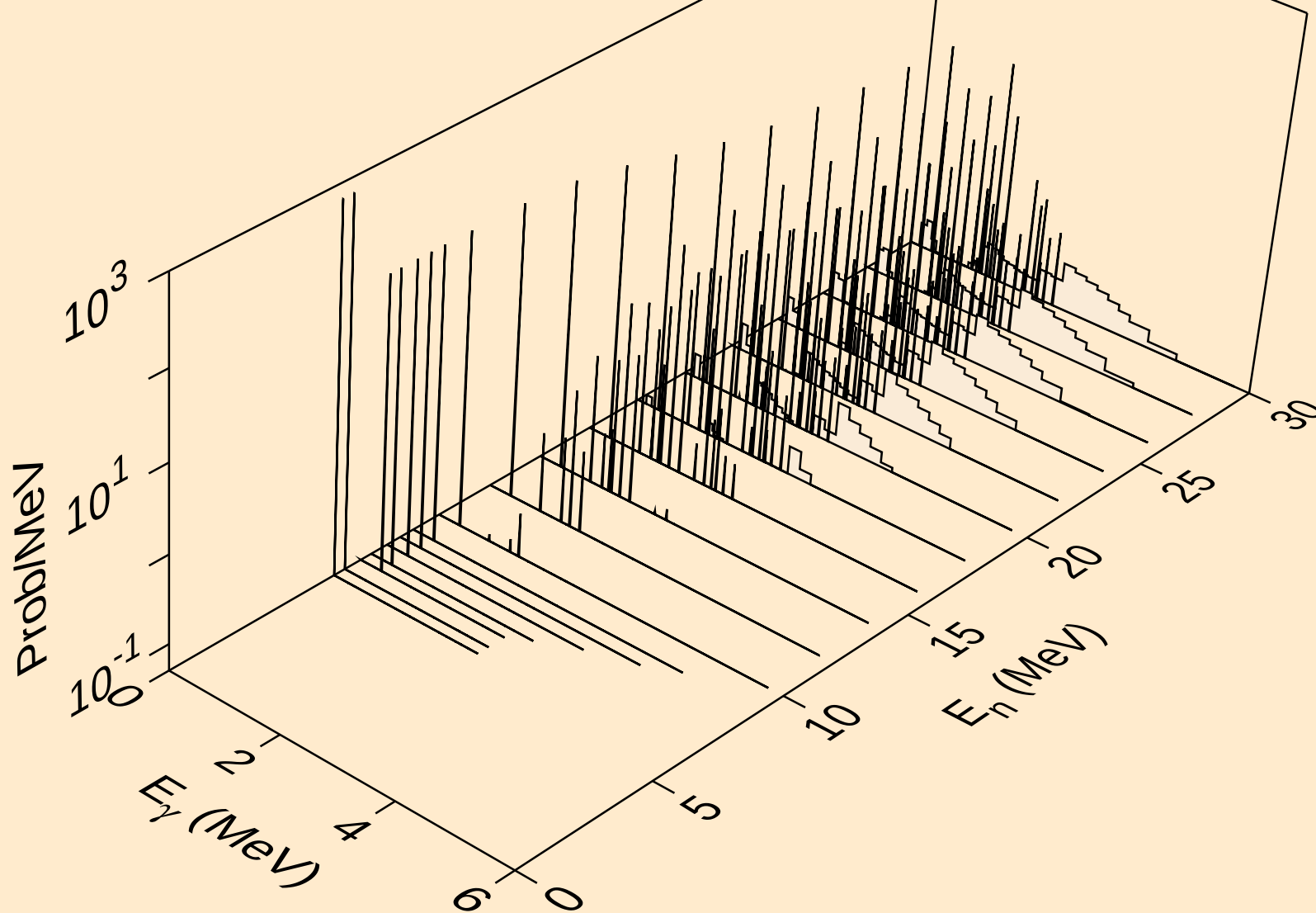
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



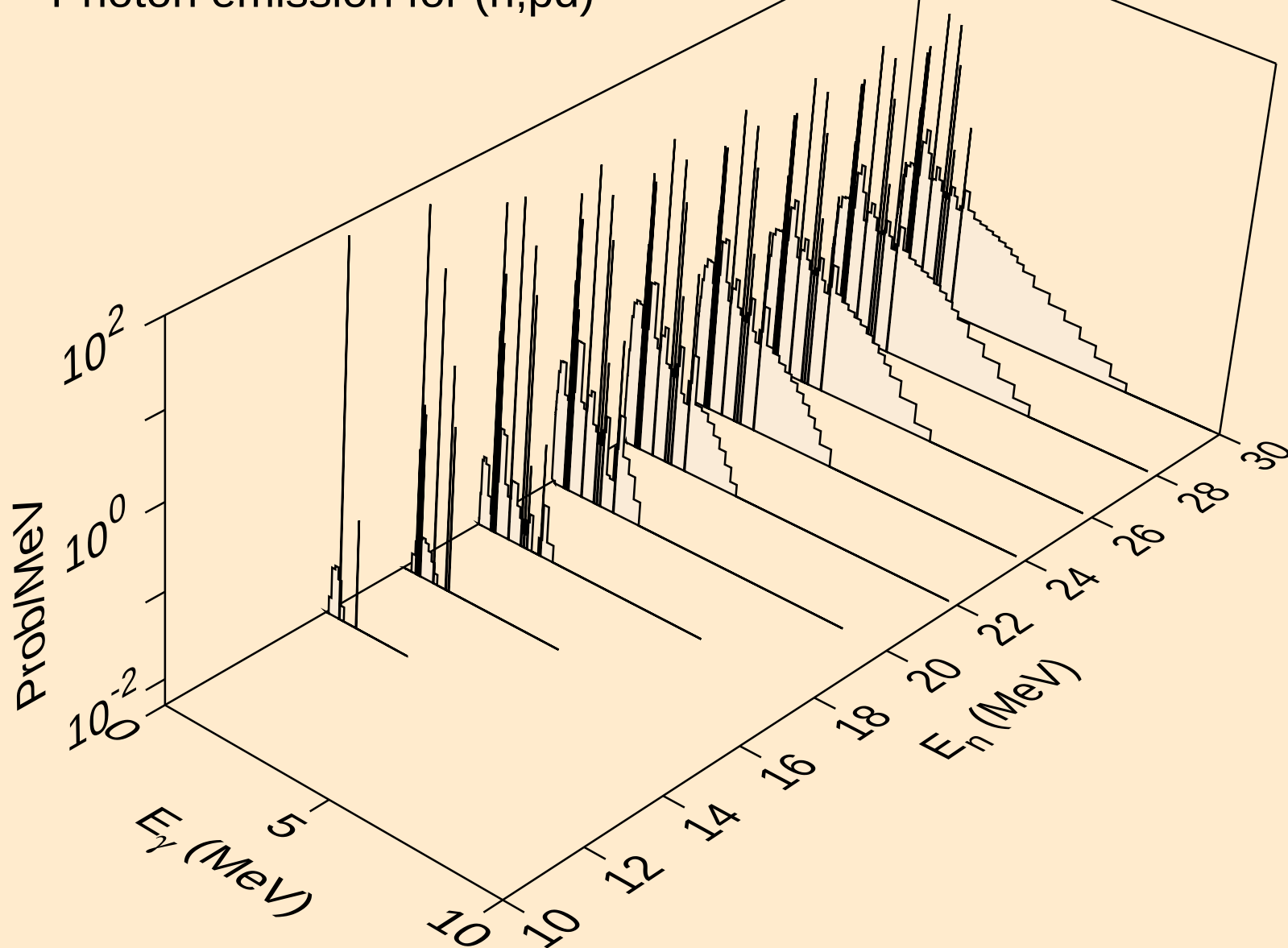
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Photon emission for (n,2p)



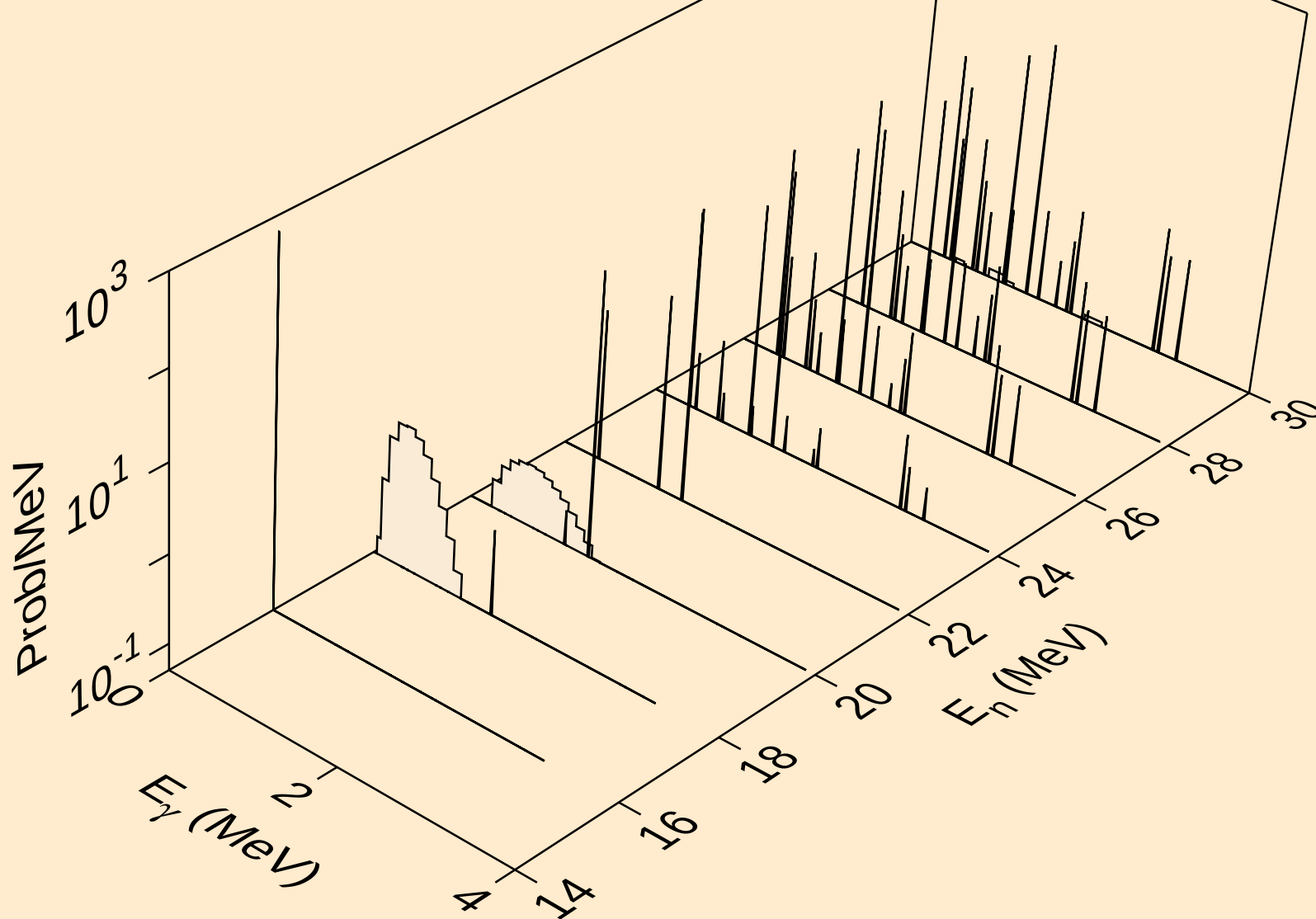
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Photon emission for (n,p α)



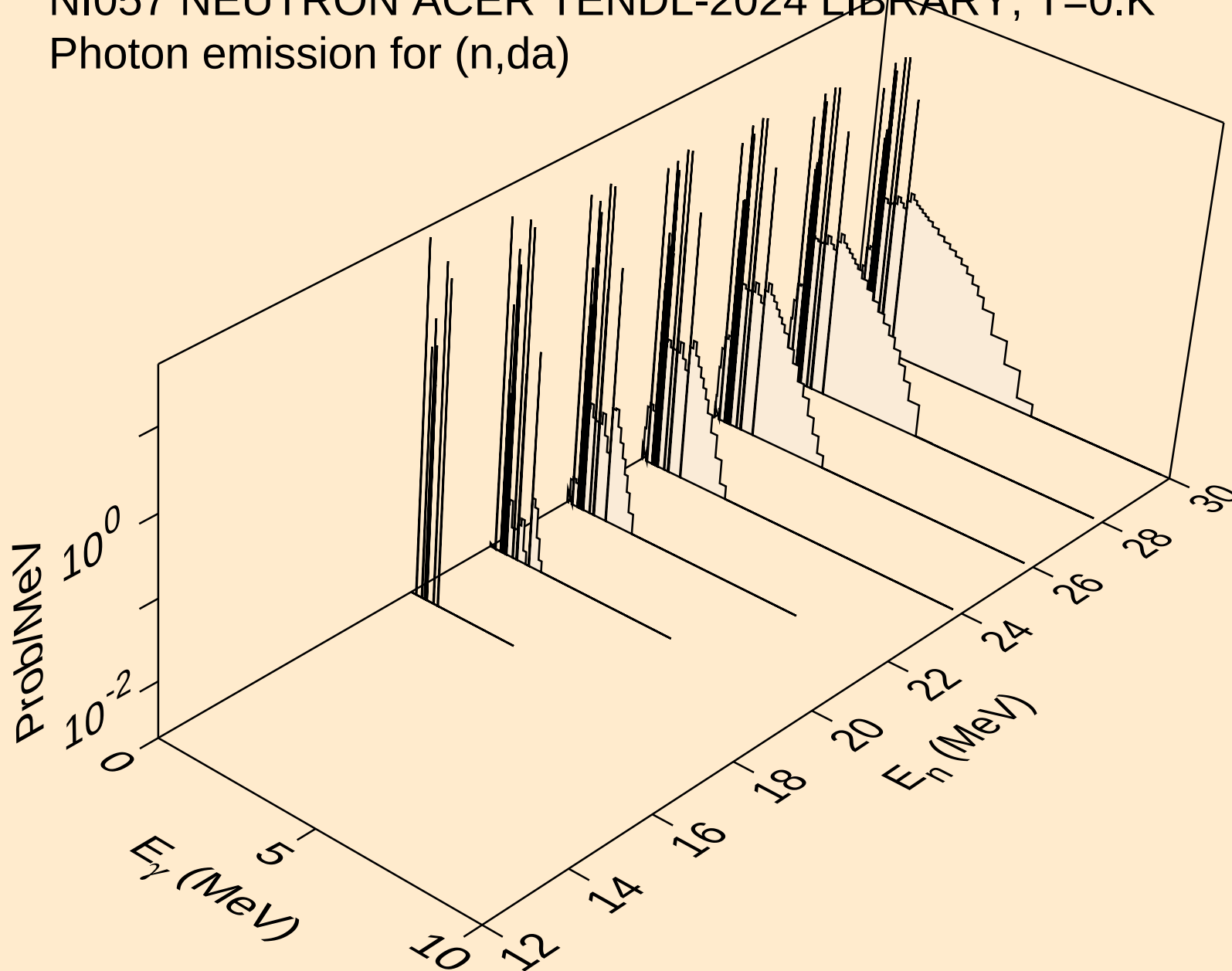
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



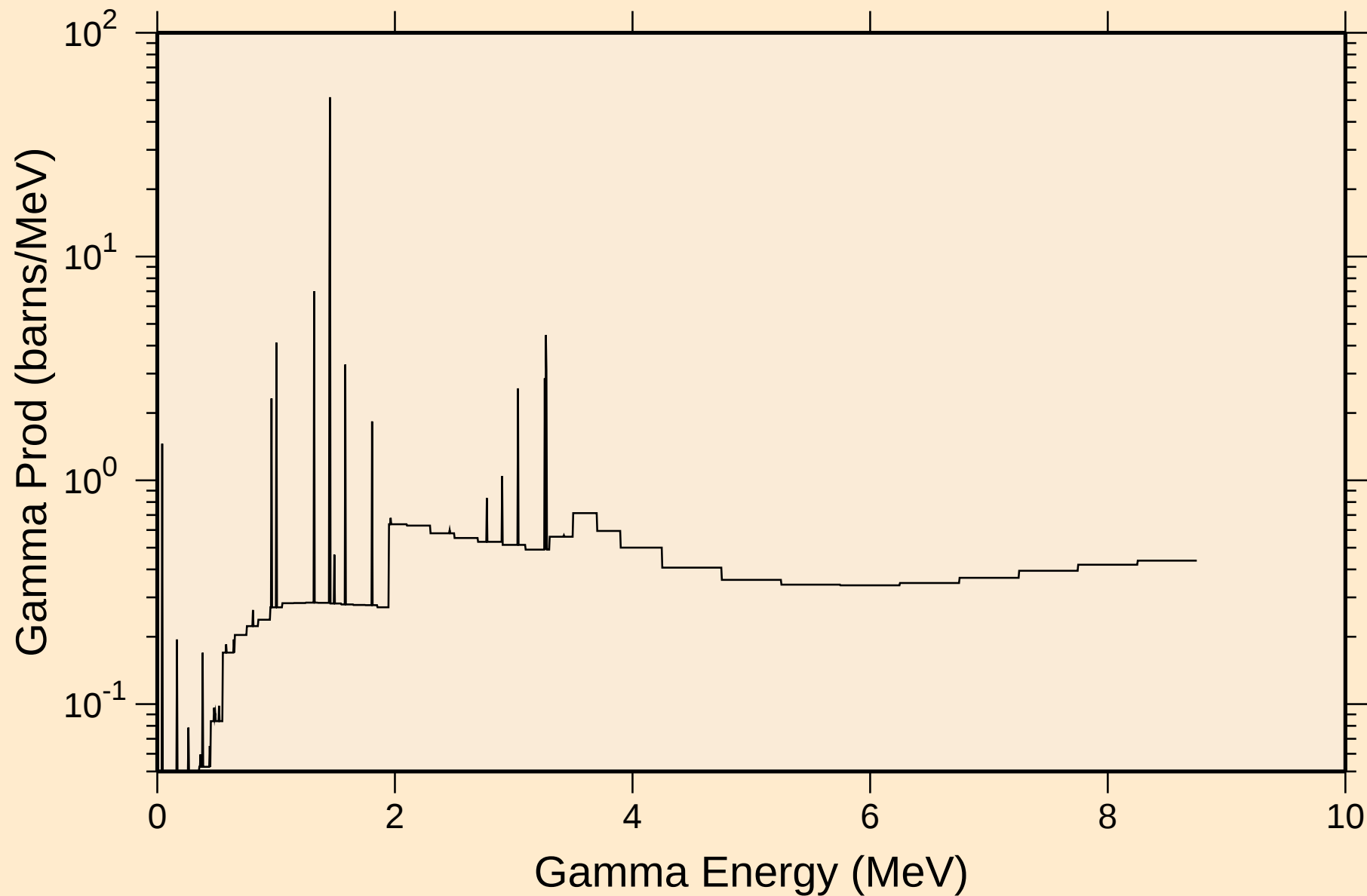
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



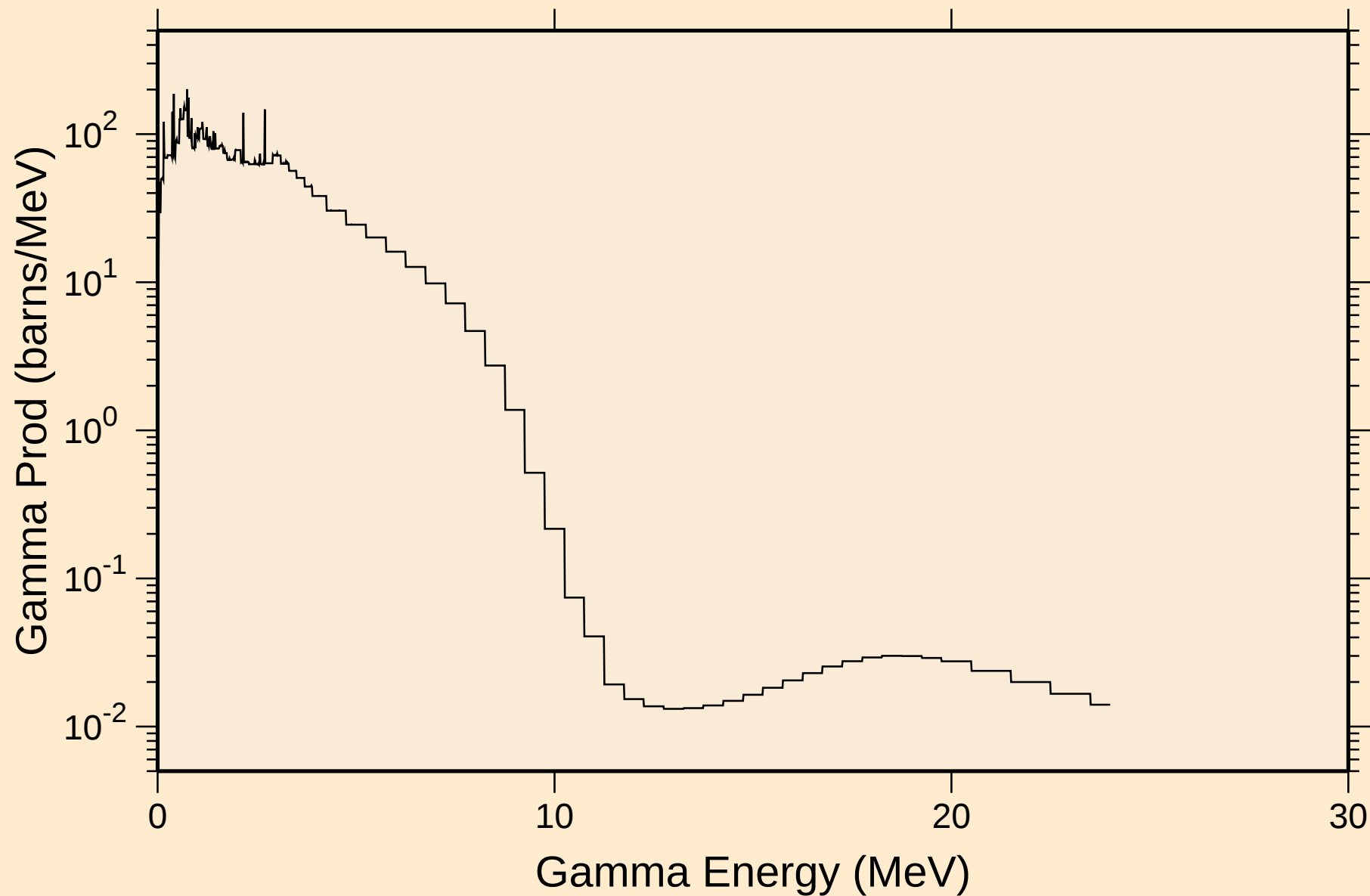
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

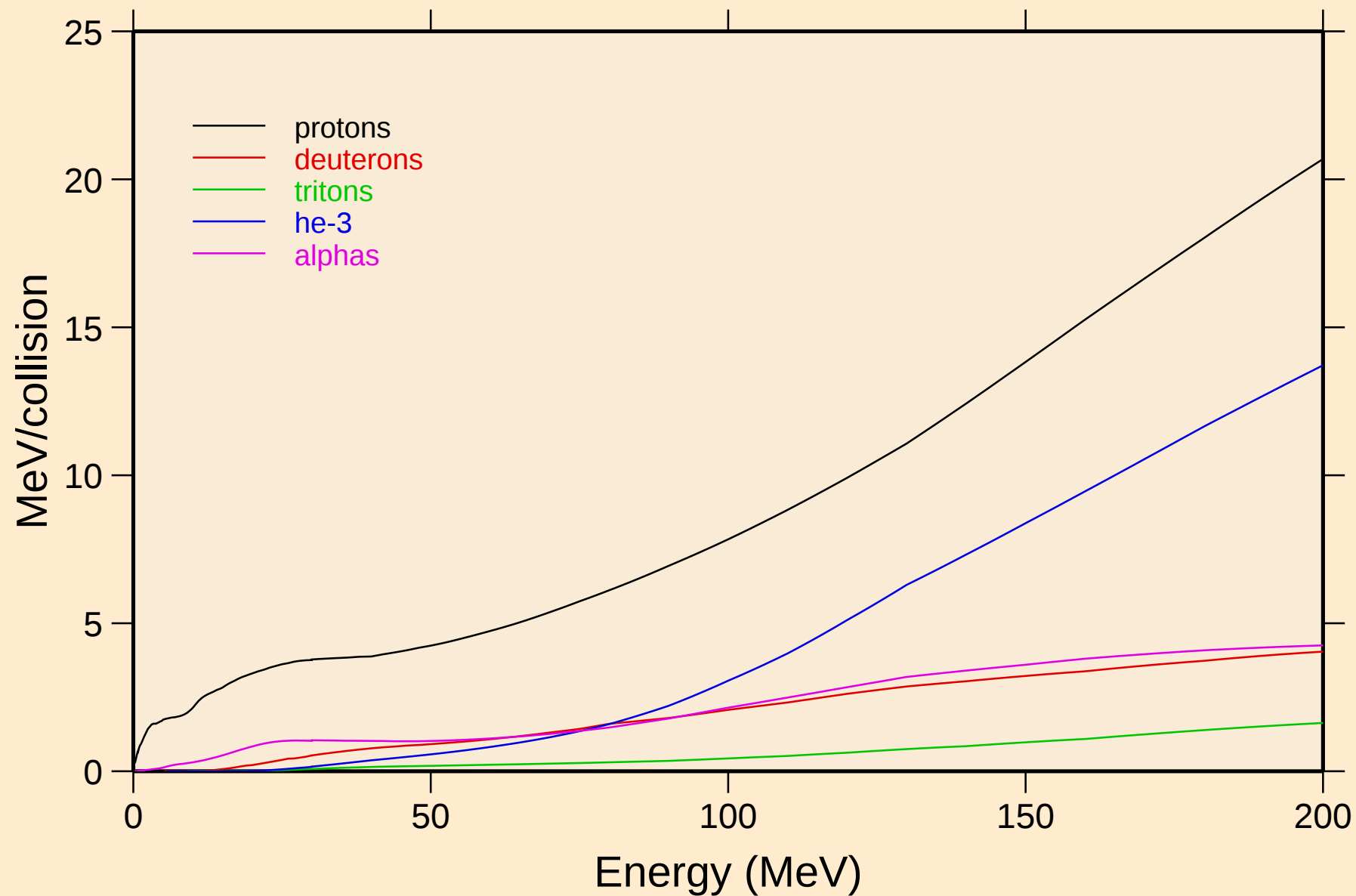


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum

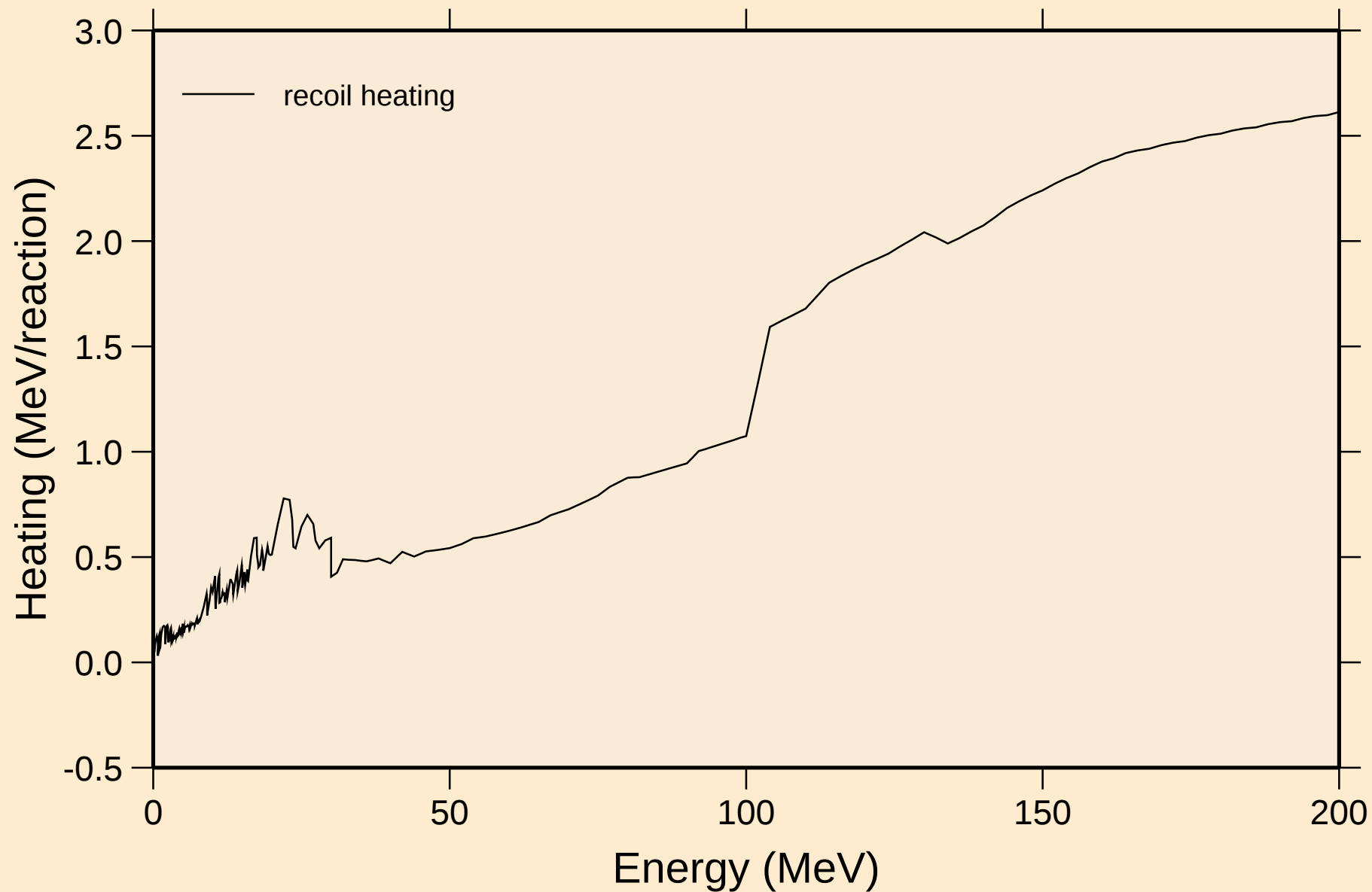


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions

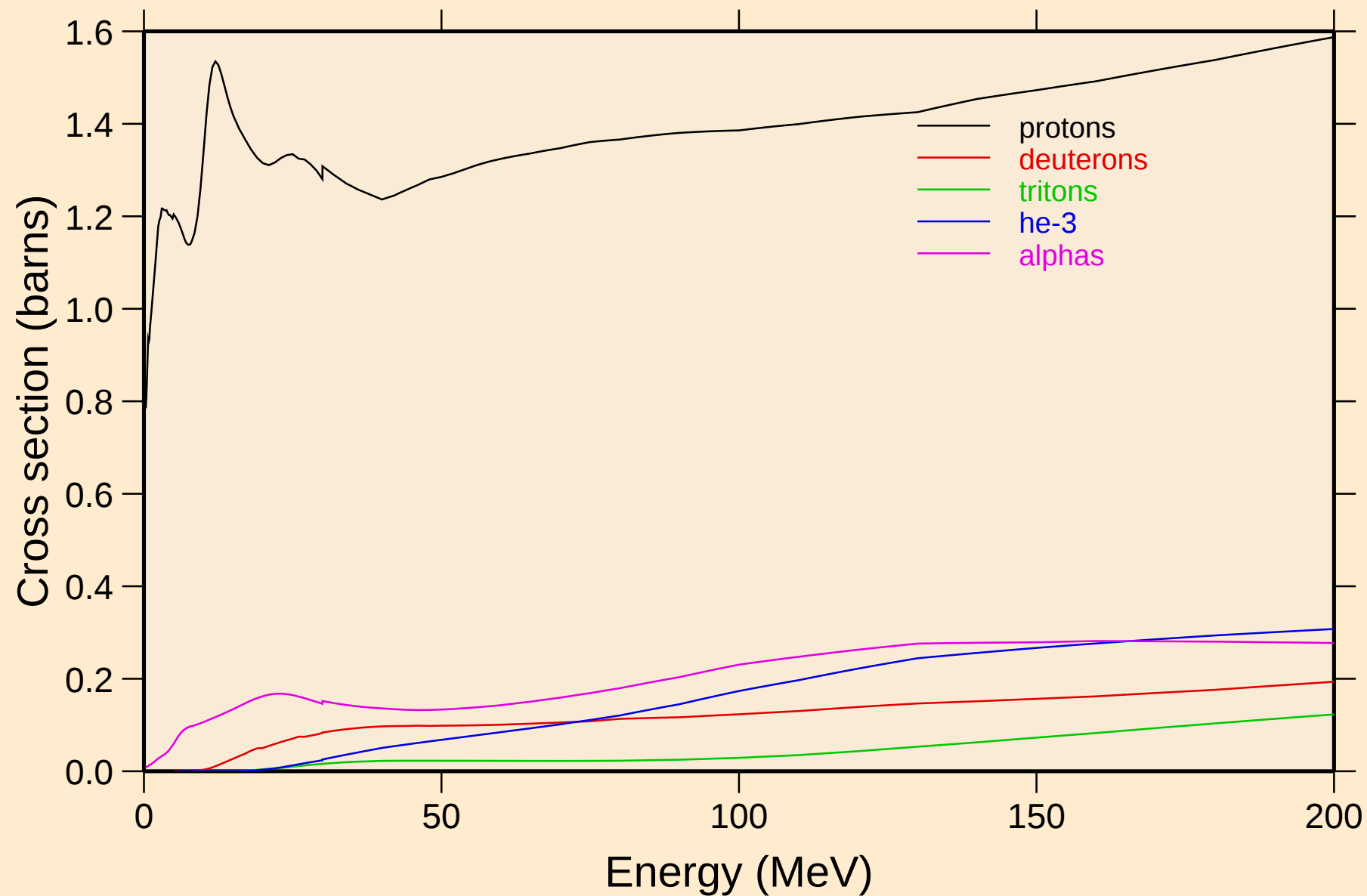


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating

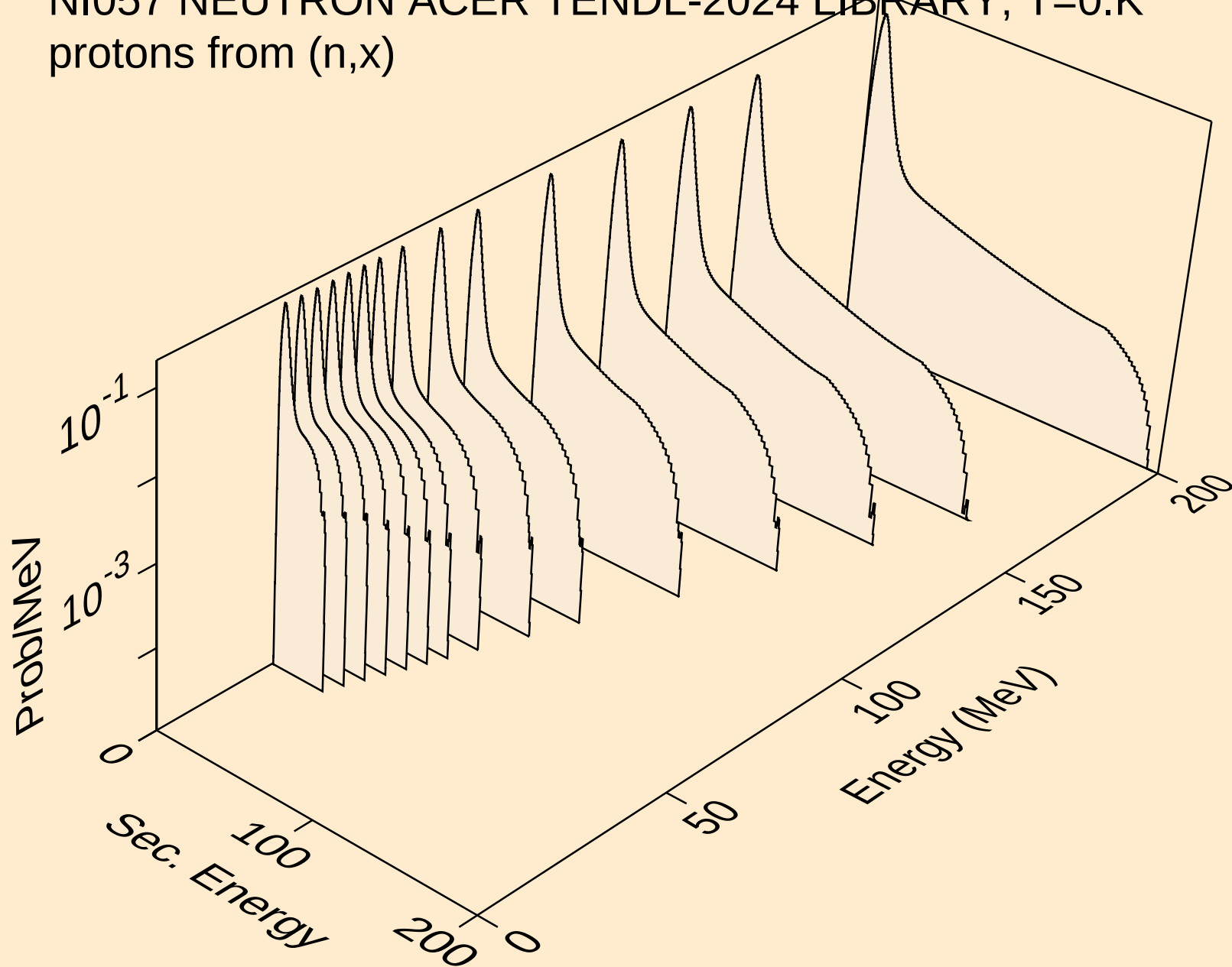


NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

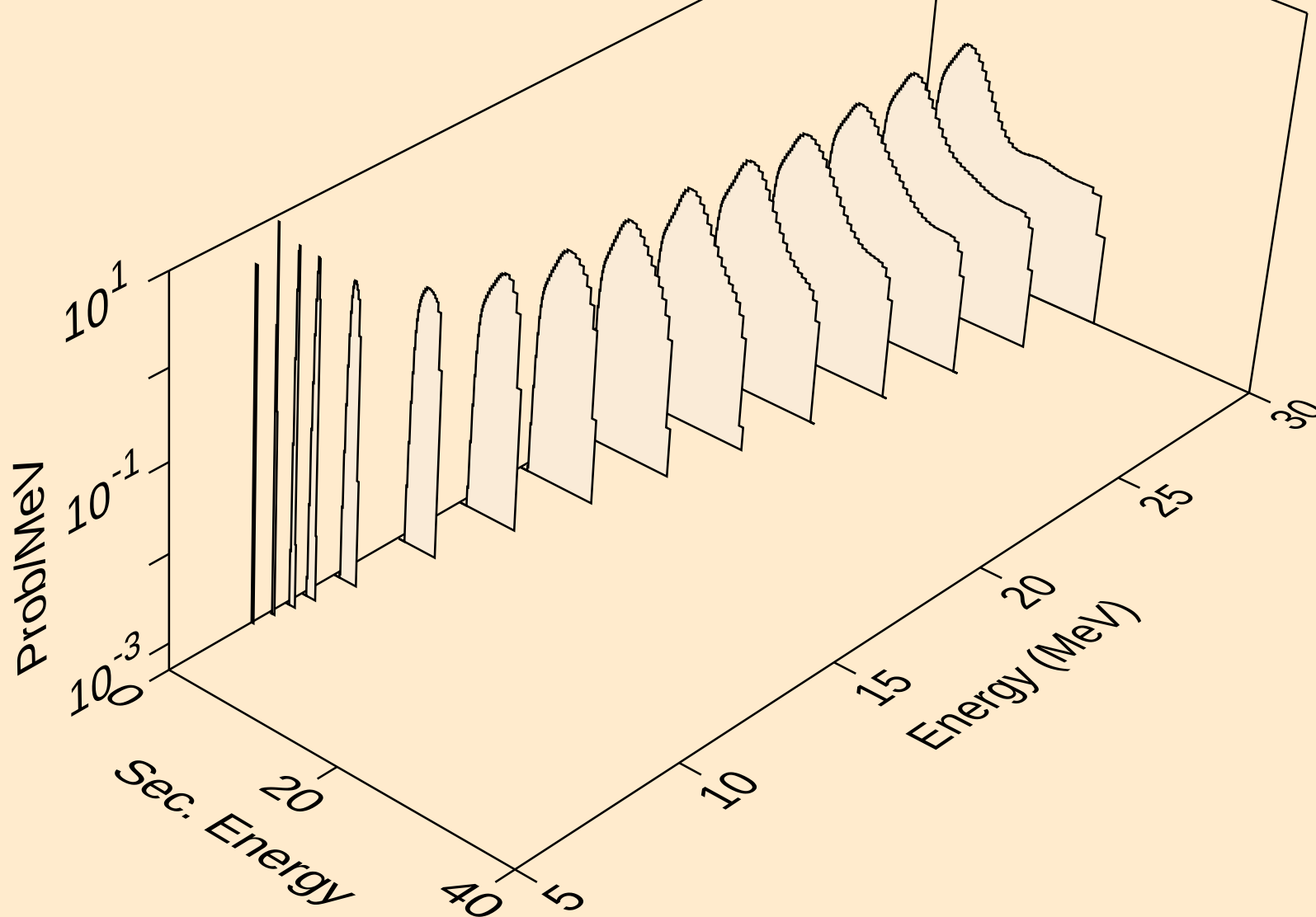
Particle production cross sections



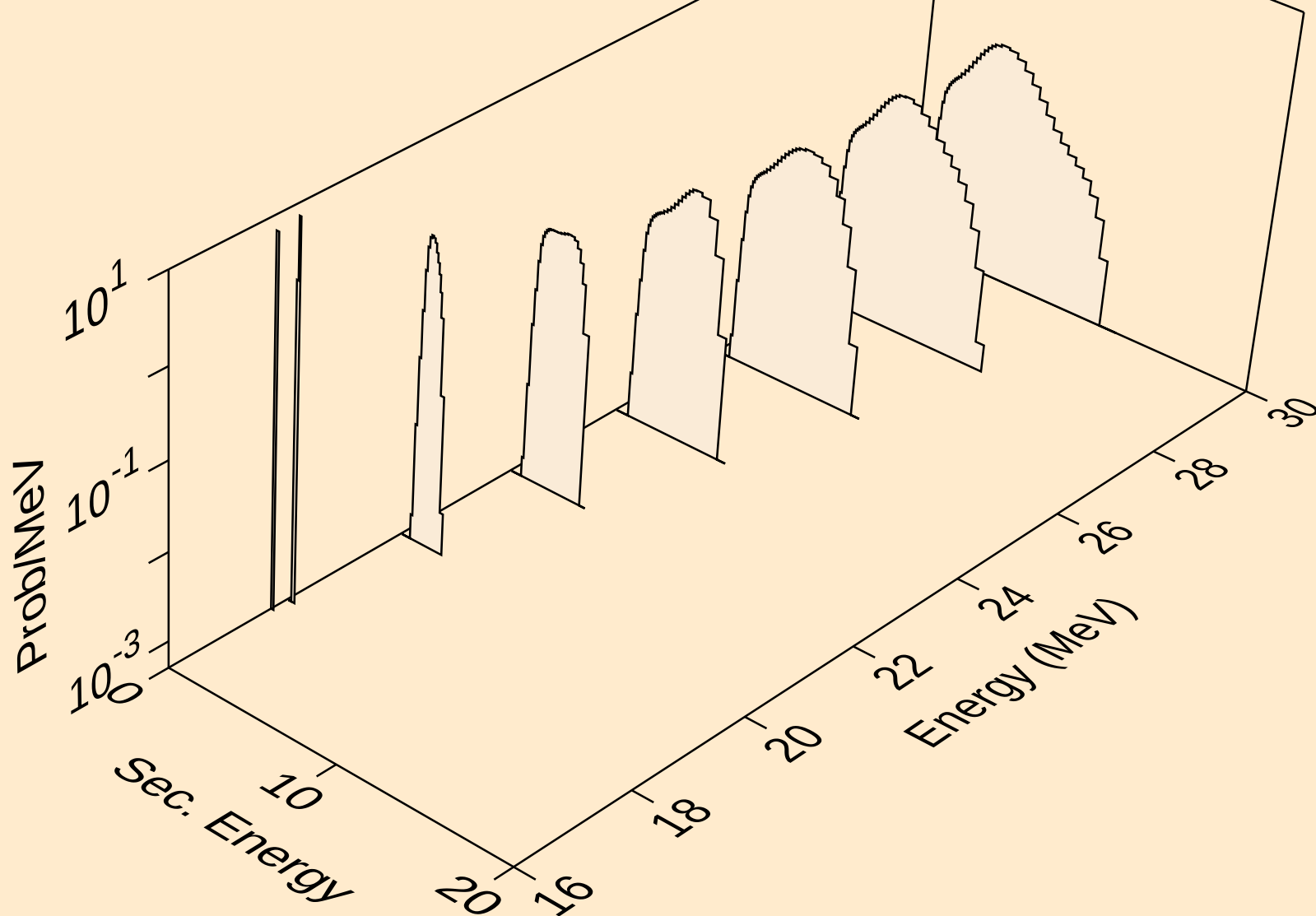
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



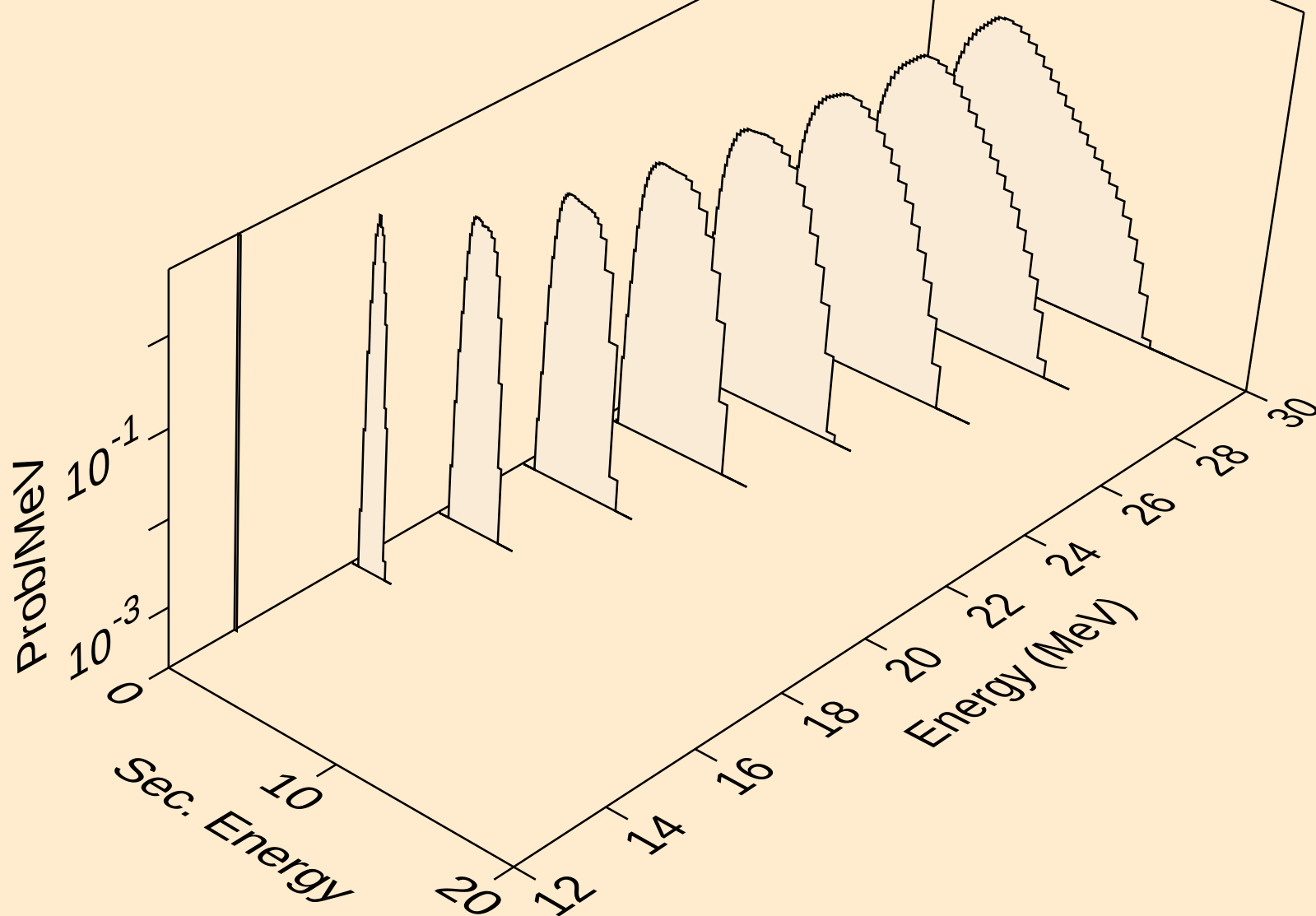
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



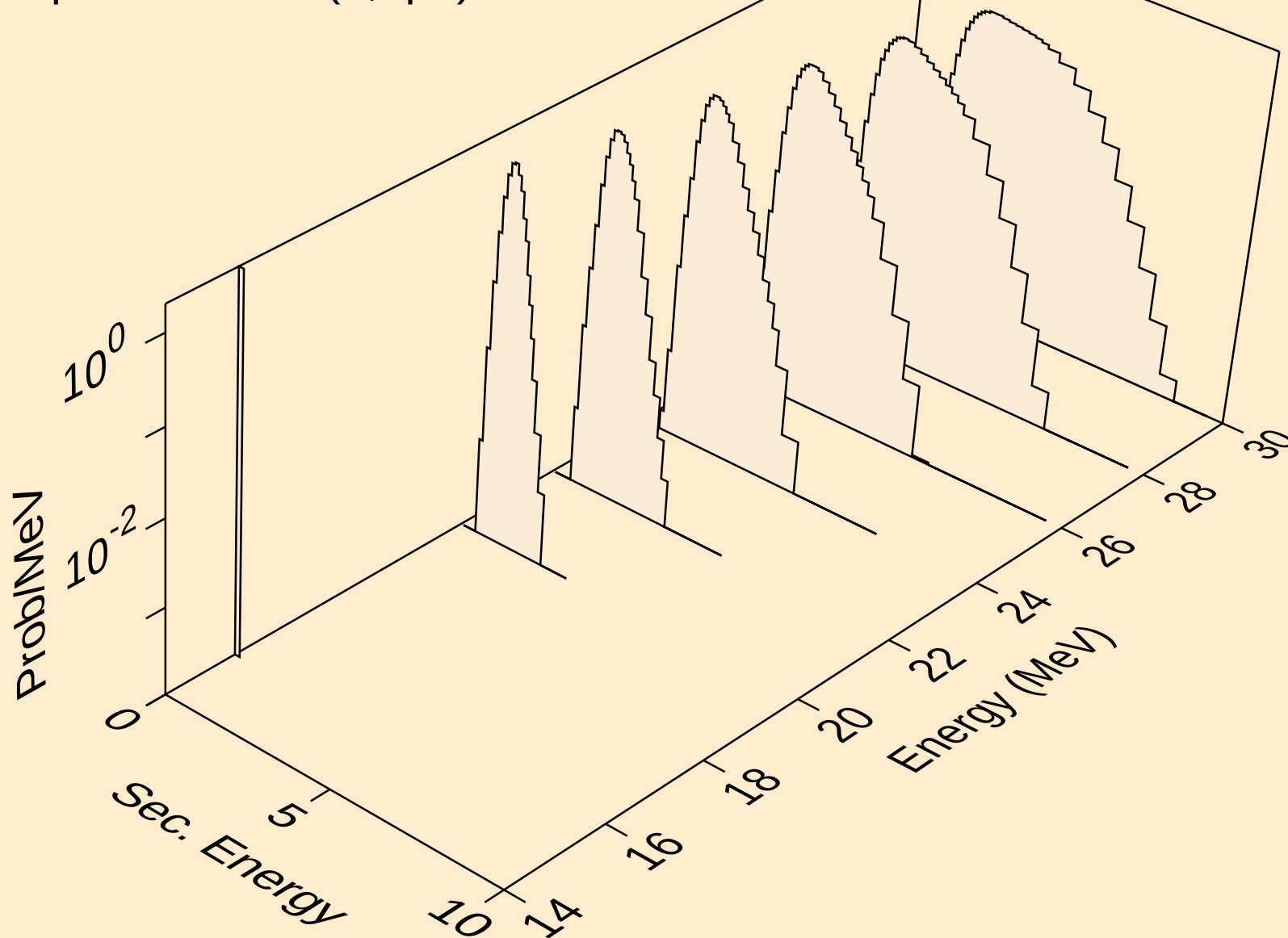
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protons from (n,2np)



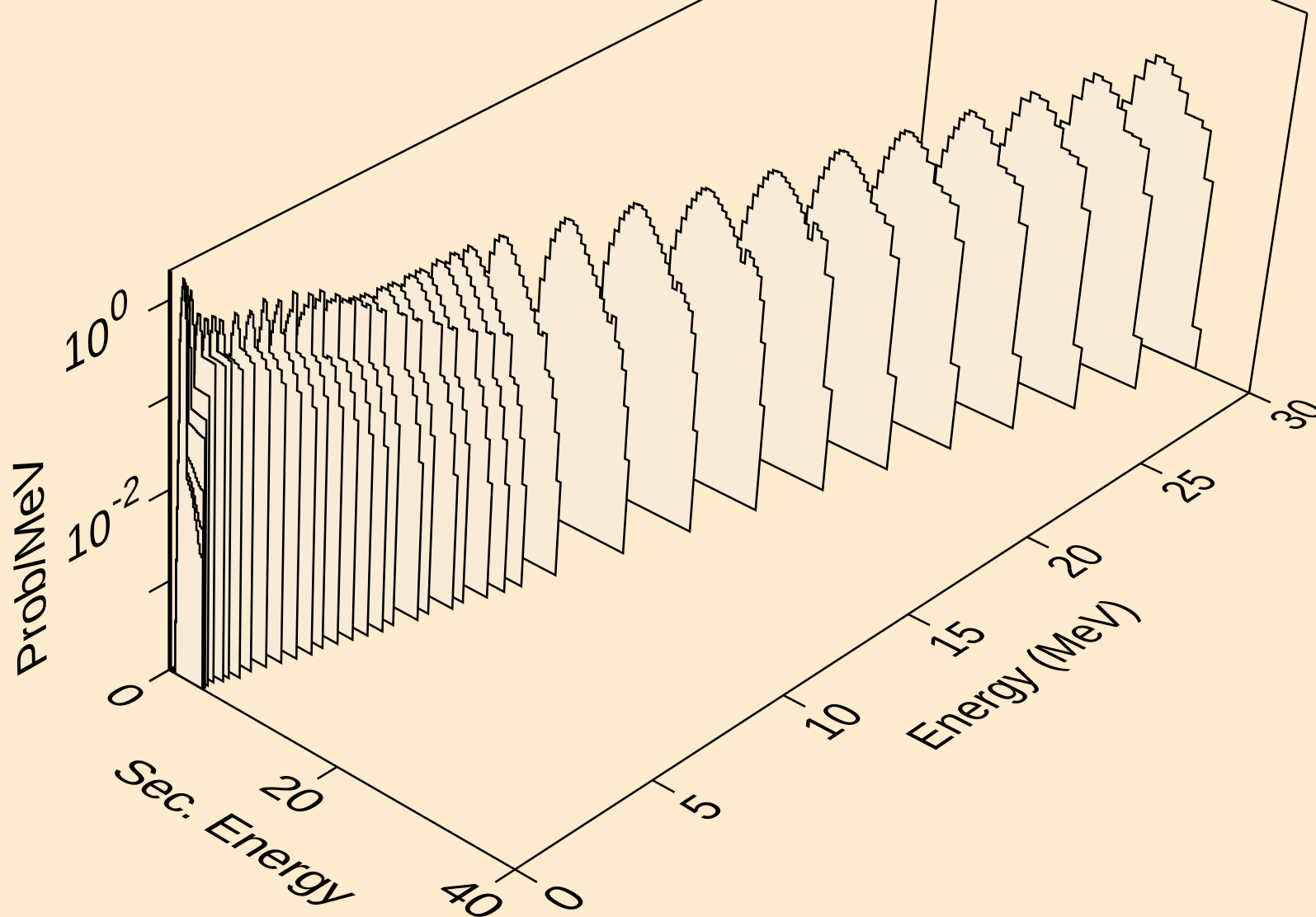
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protons from (n,n2p)



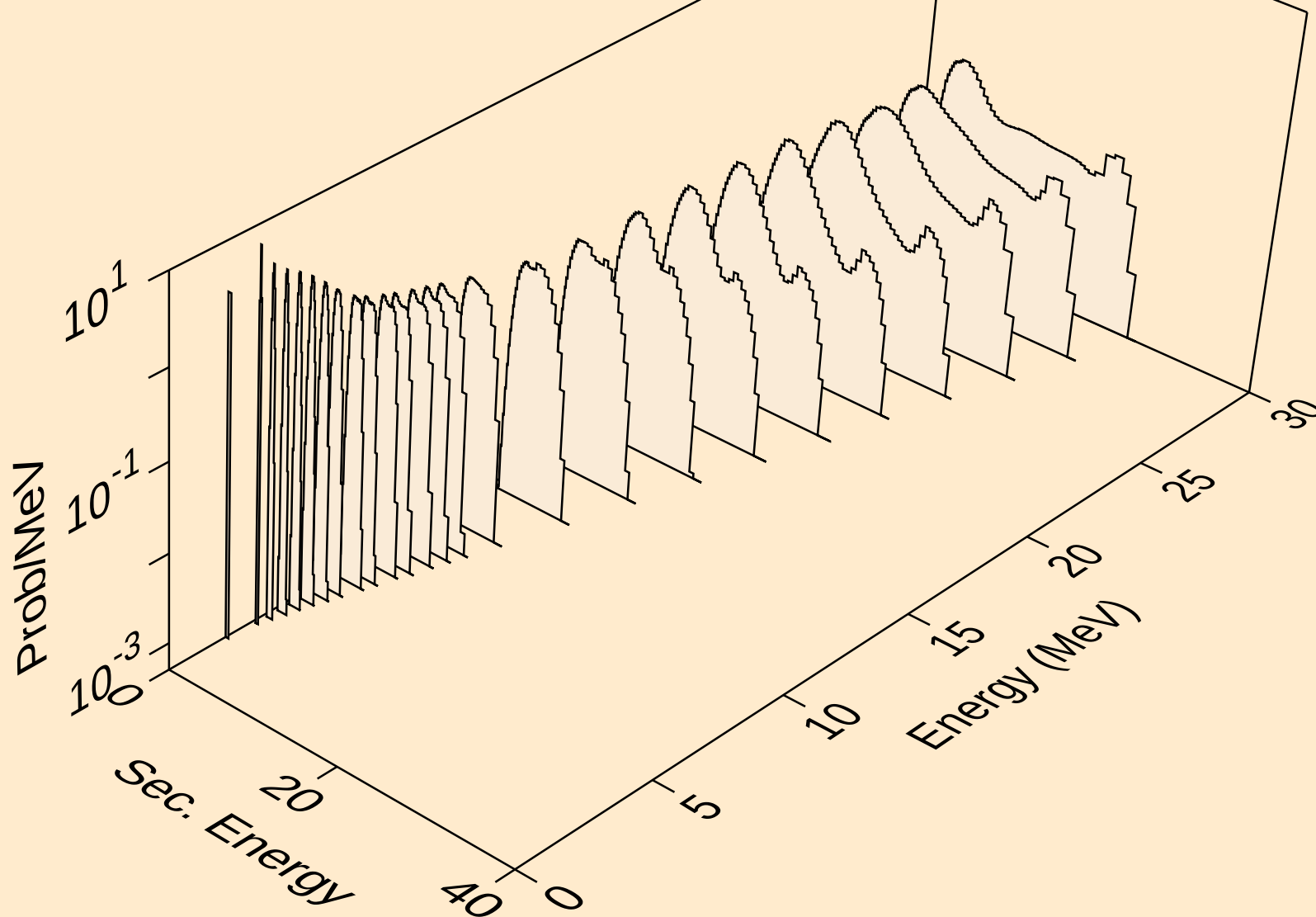
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protons from (n,npa)



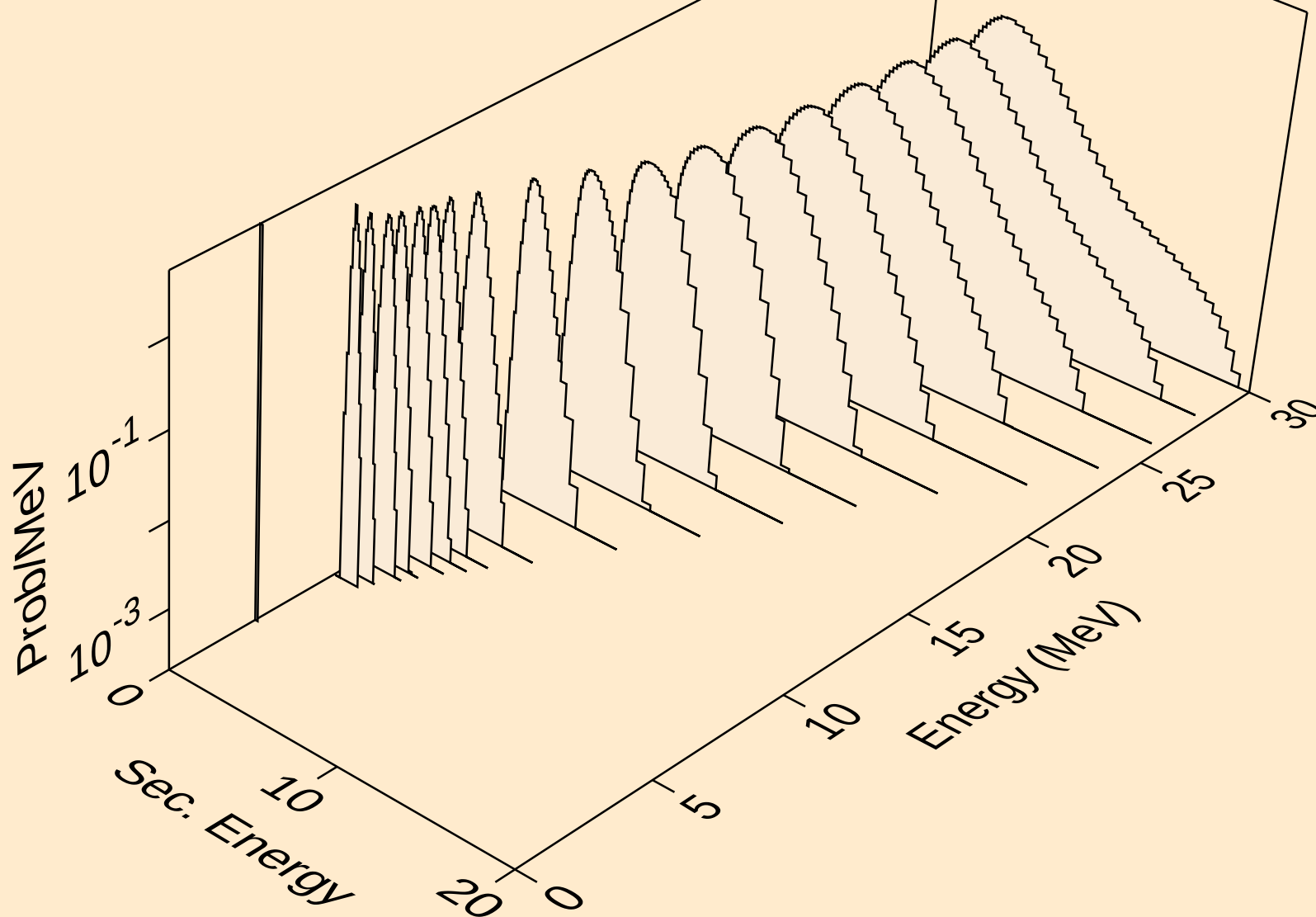
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protons from (n,p)



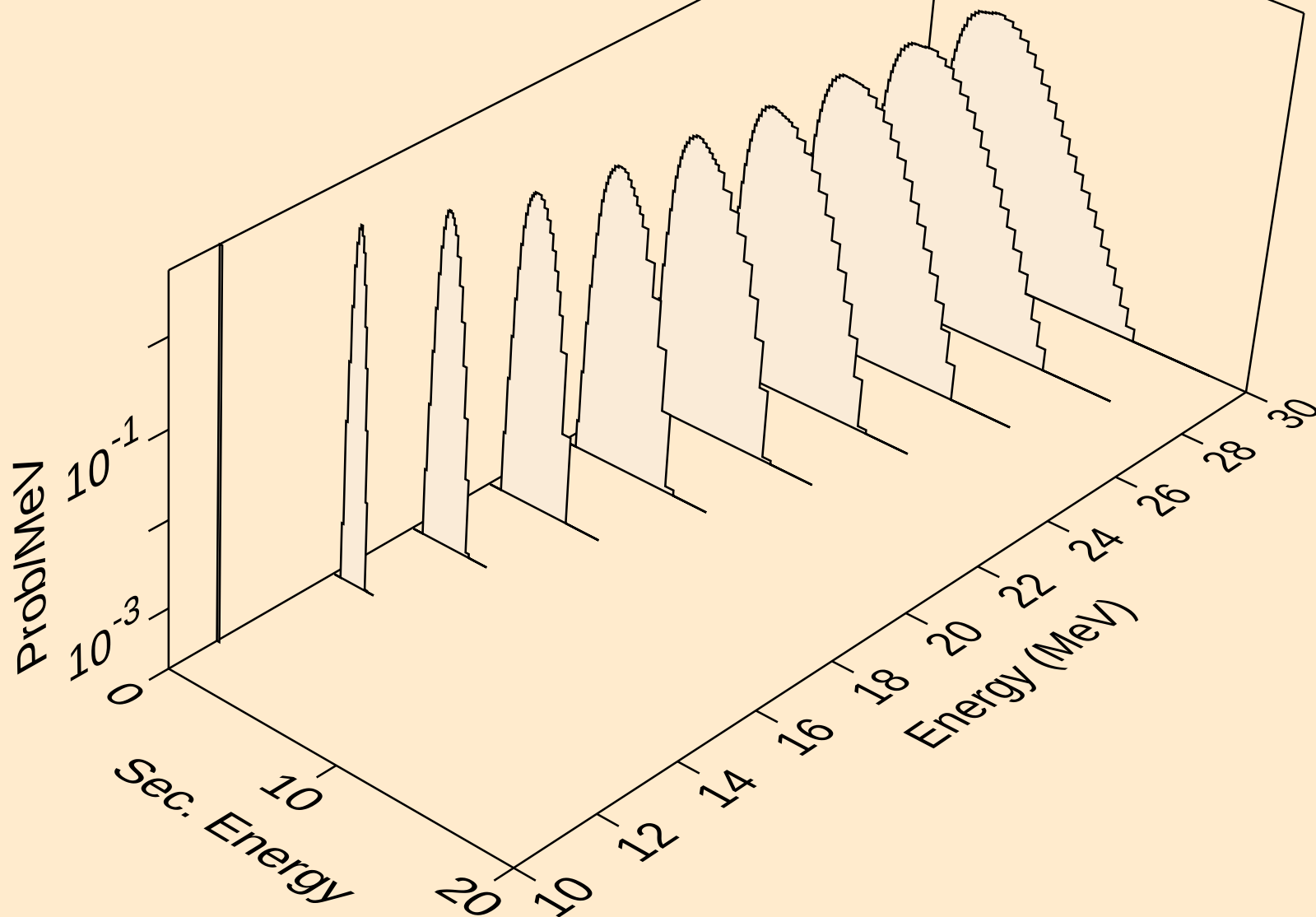
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protons from (n,2p)



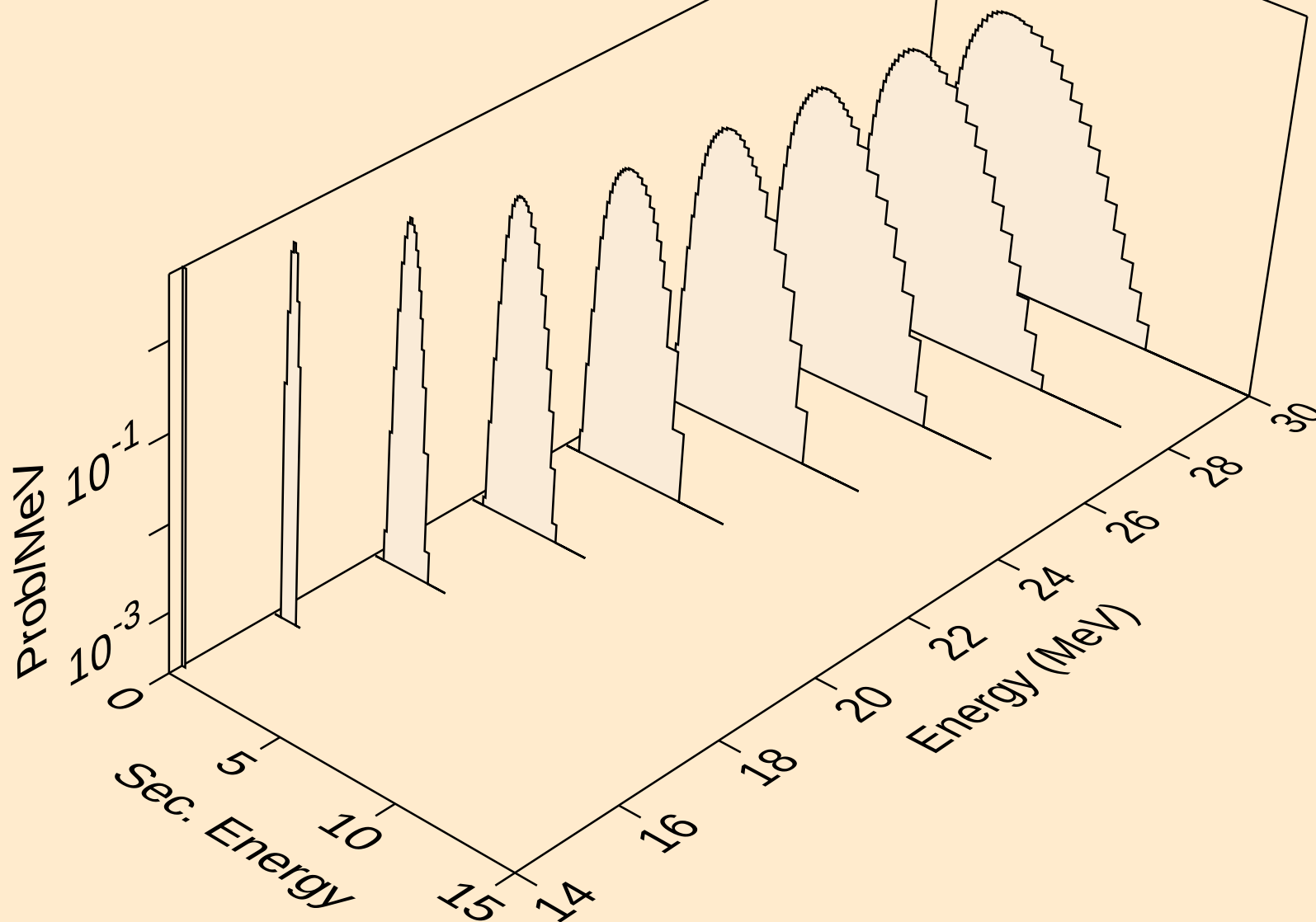
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protons from (n,p)



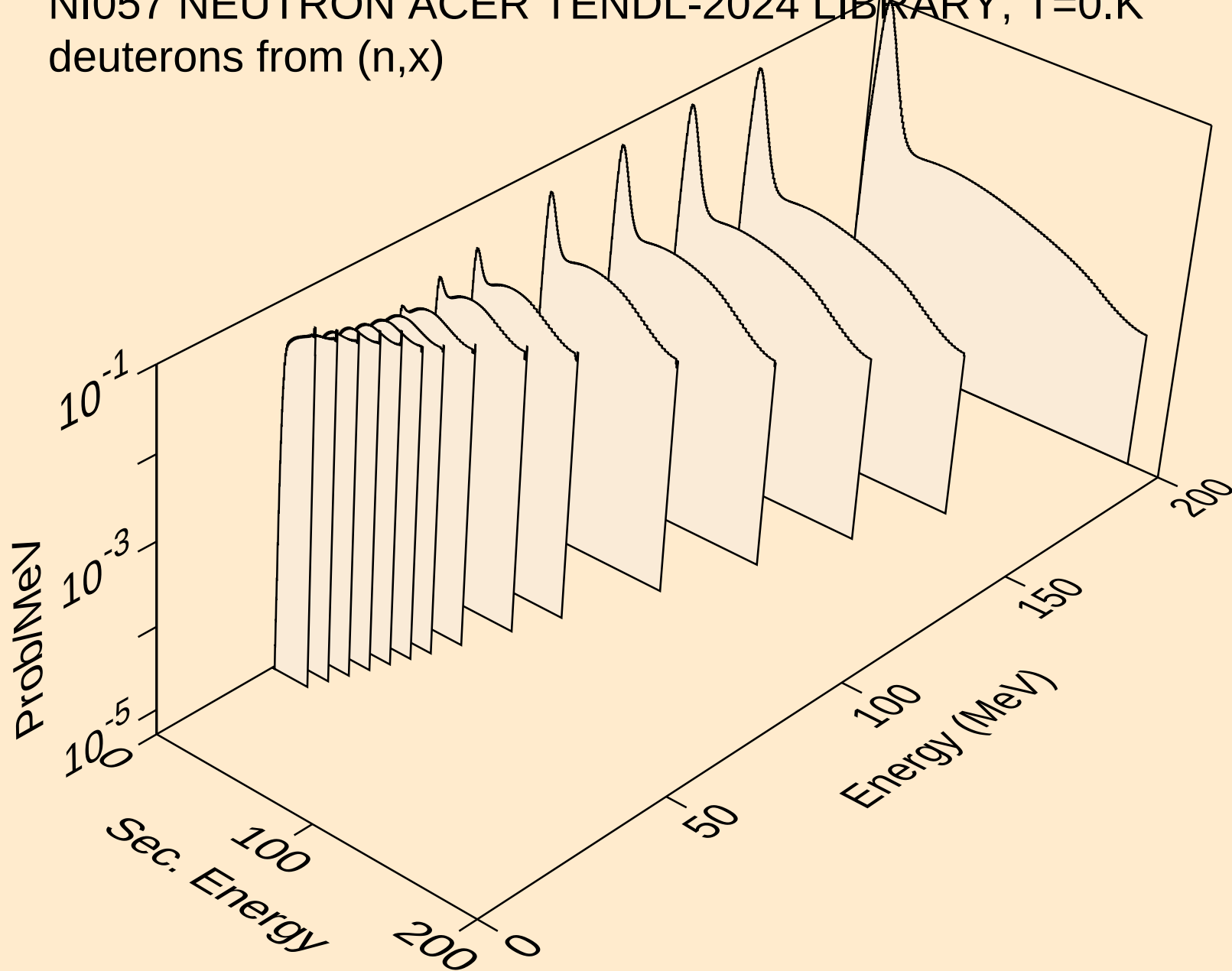
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protons from (n,pd)



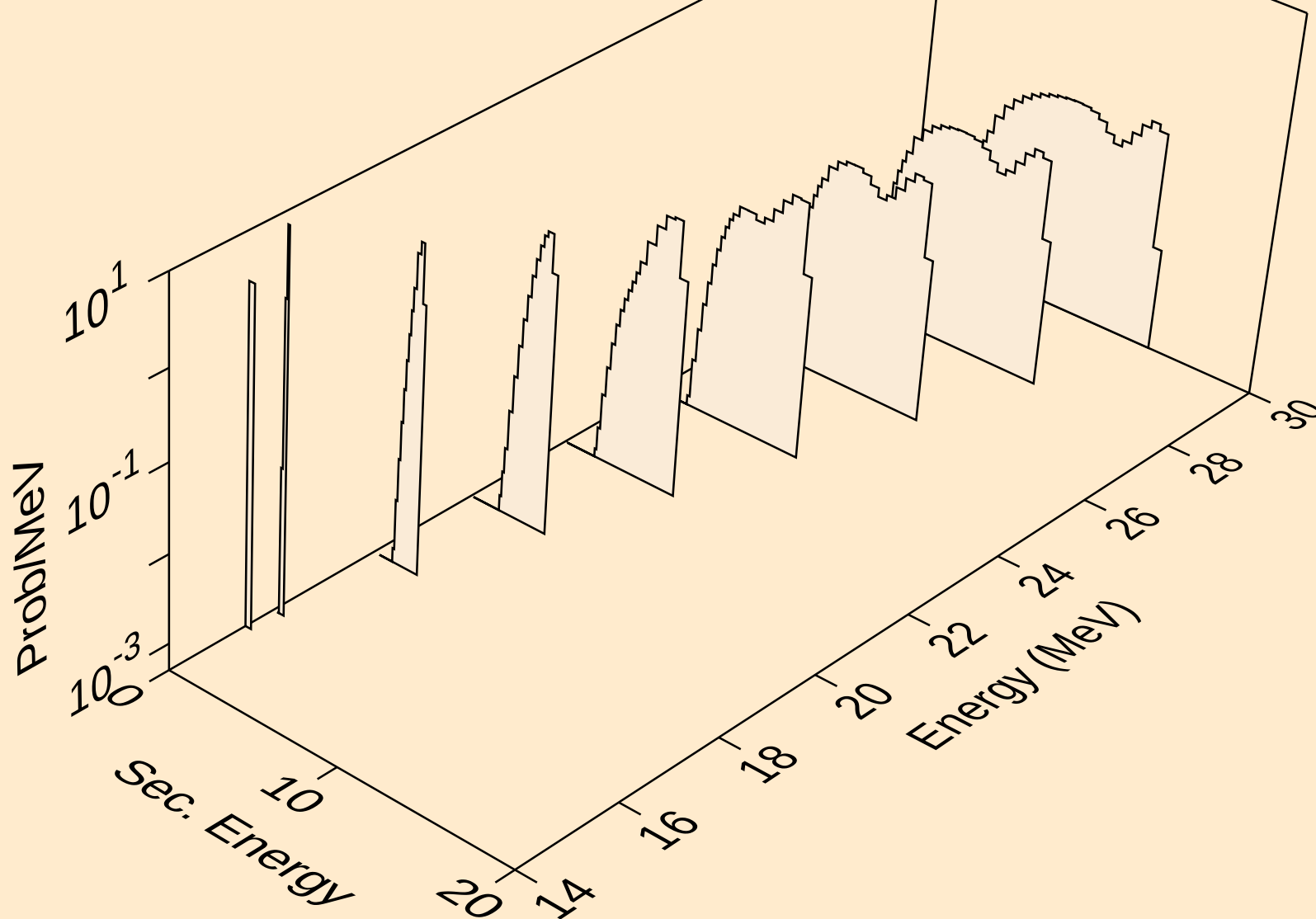
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protons from (n,pt)



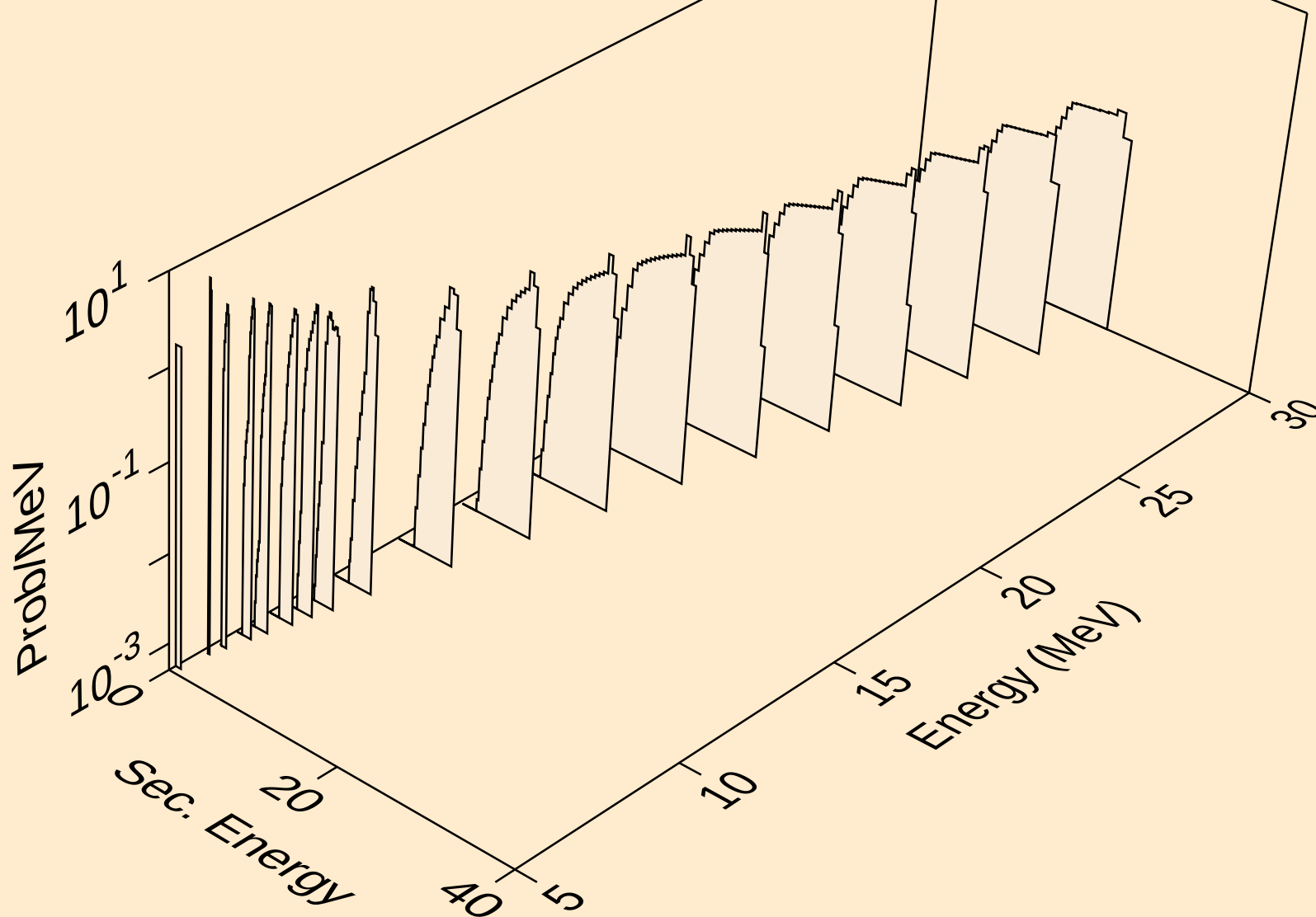
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deuterons from (n,x)



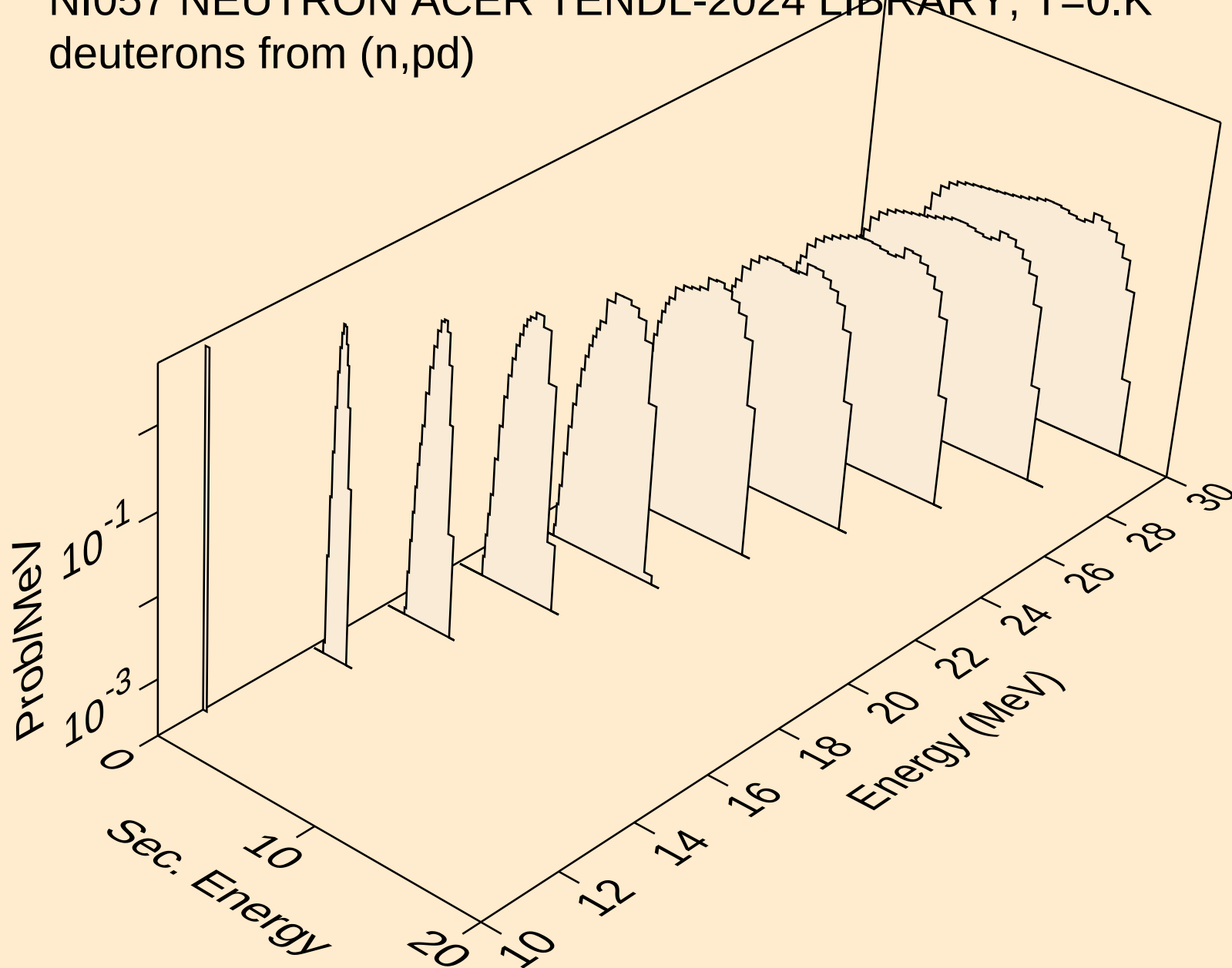
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



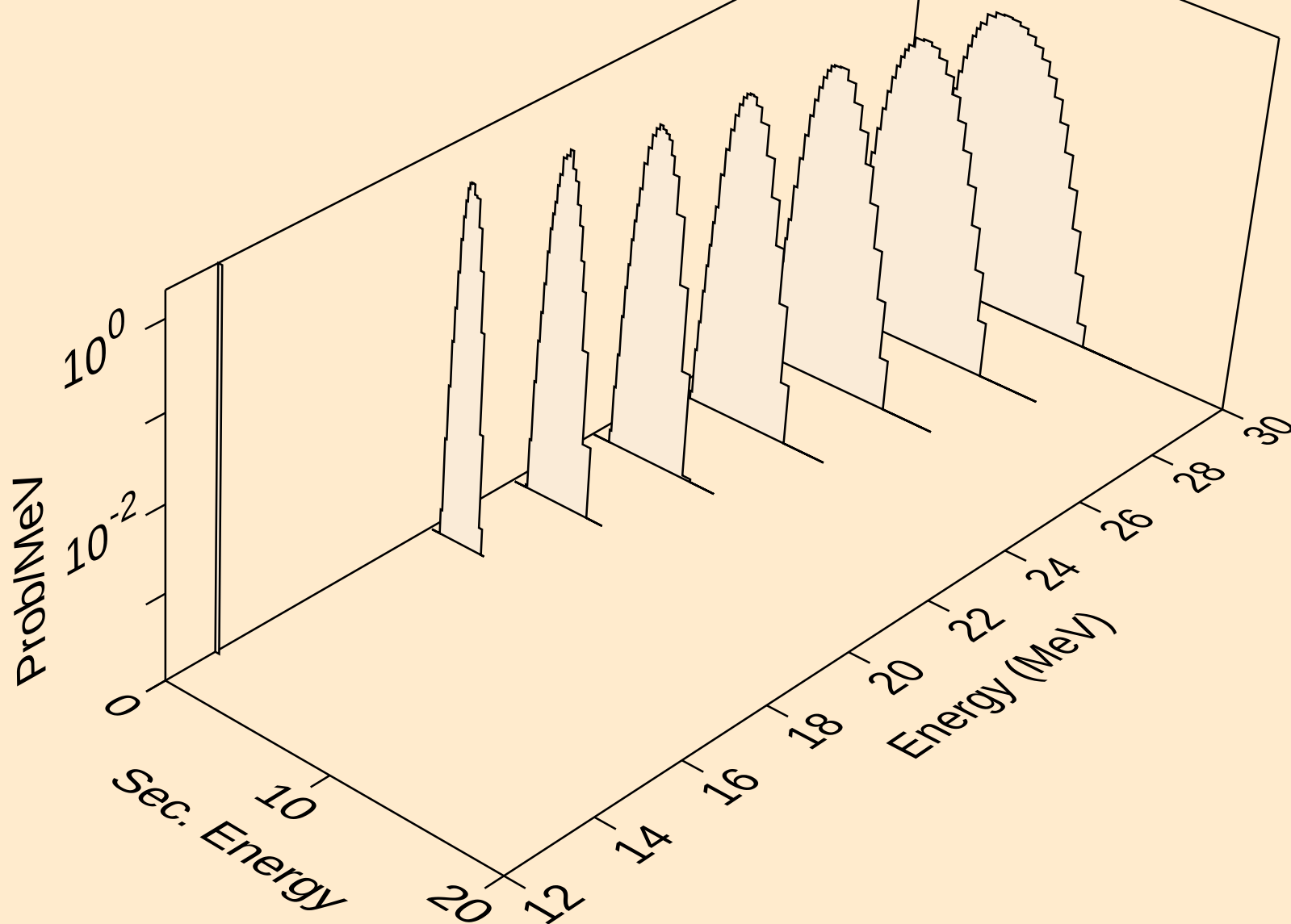
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deuterons from (n,d)



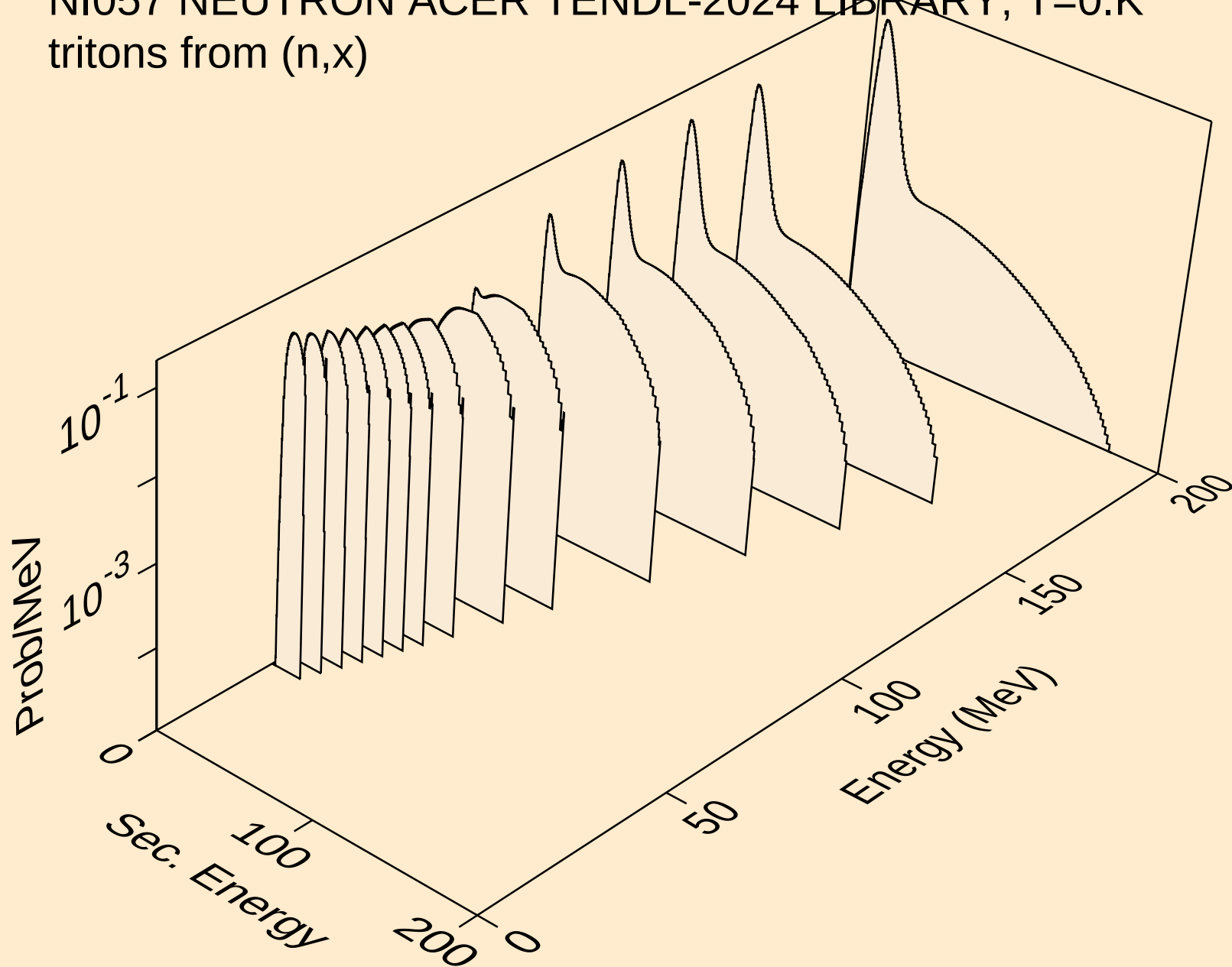
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deuterons from (n,pd)



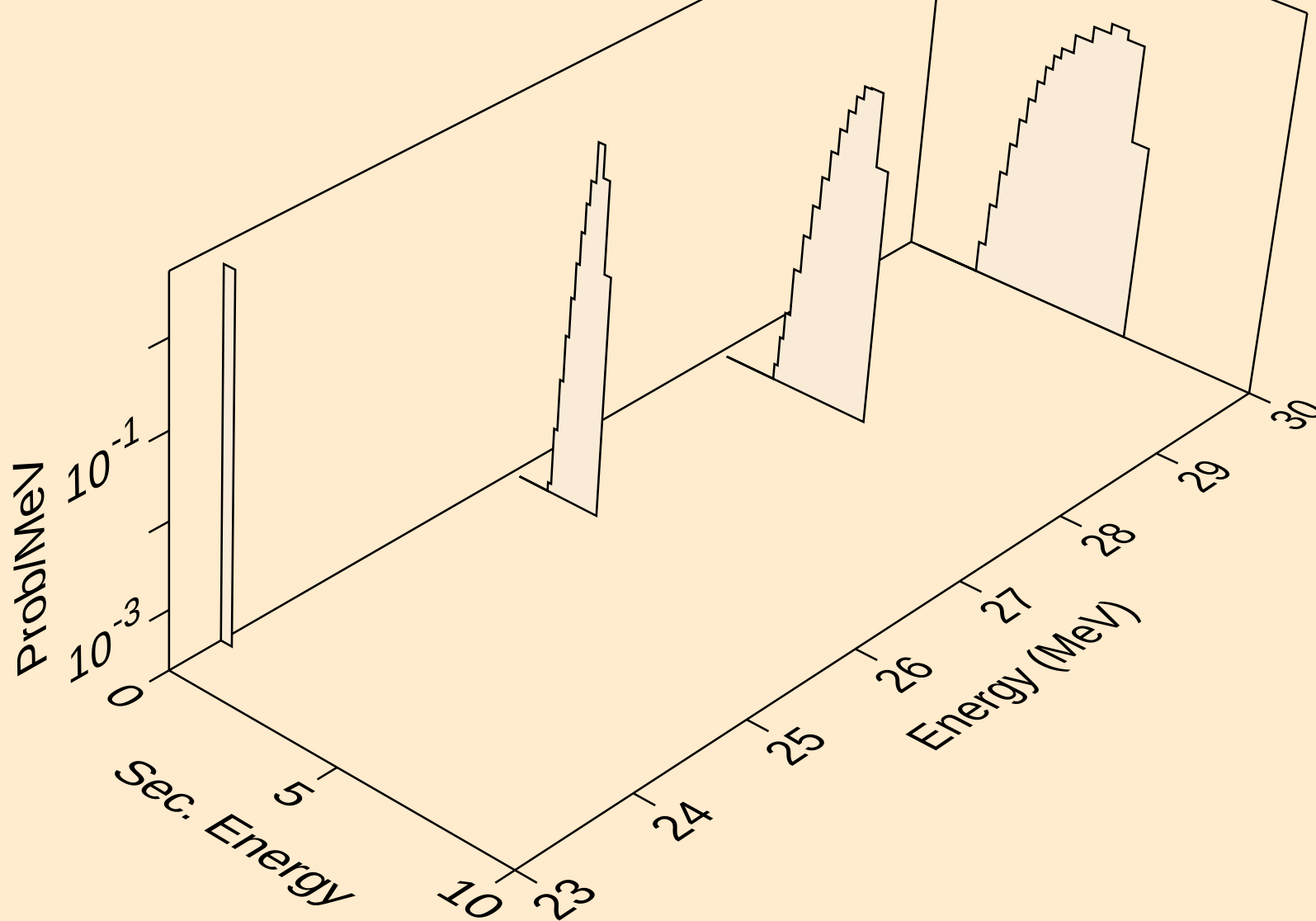
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deuterons from (n,da)



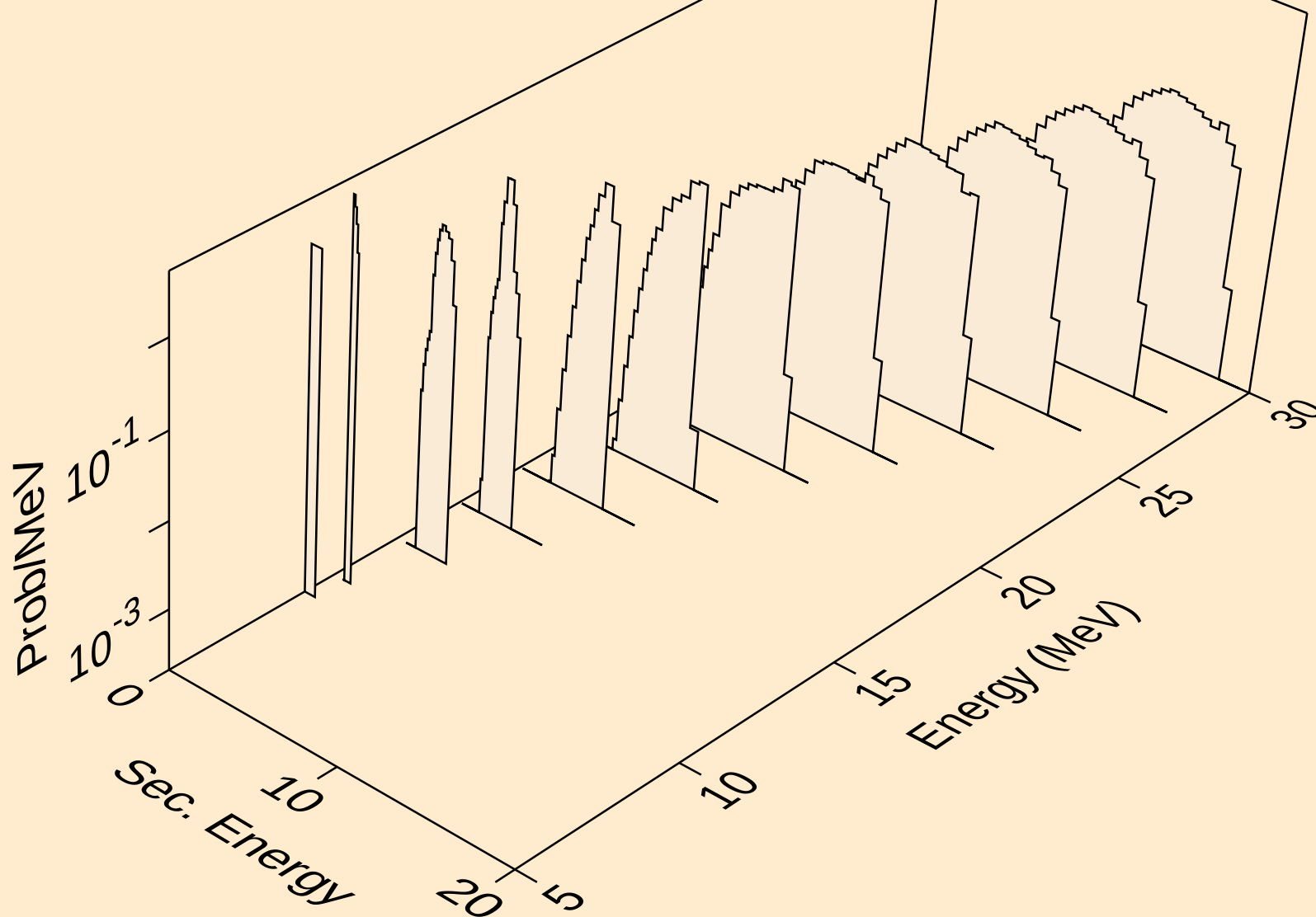
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tritons from (n,x)



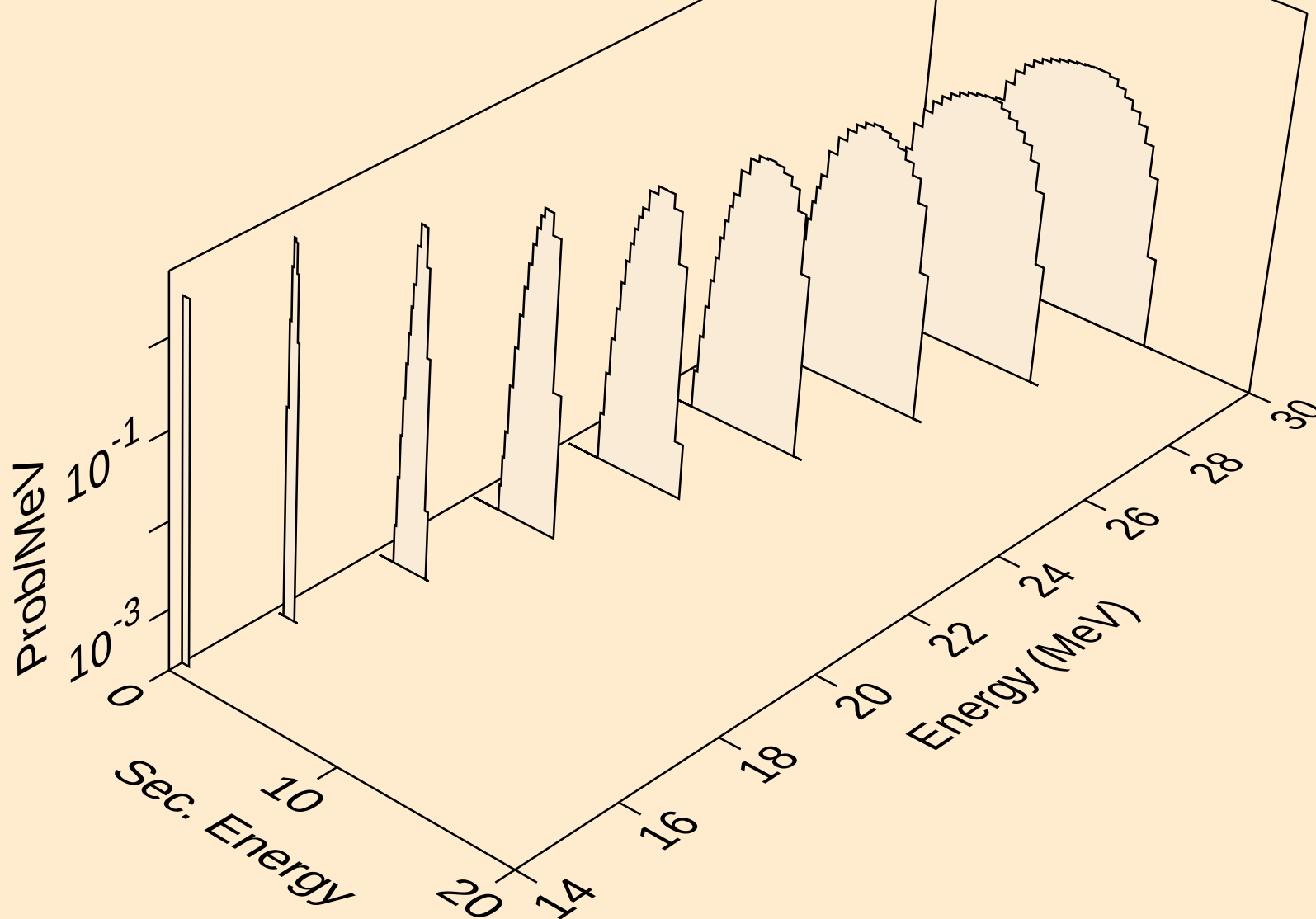
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



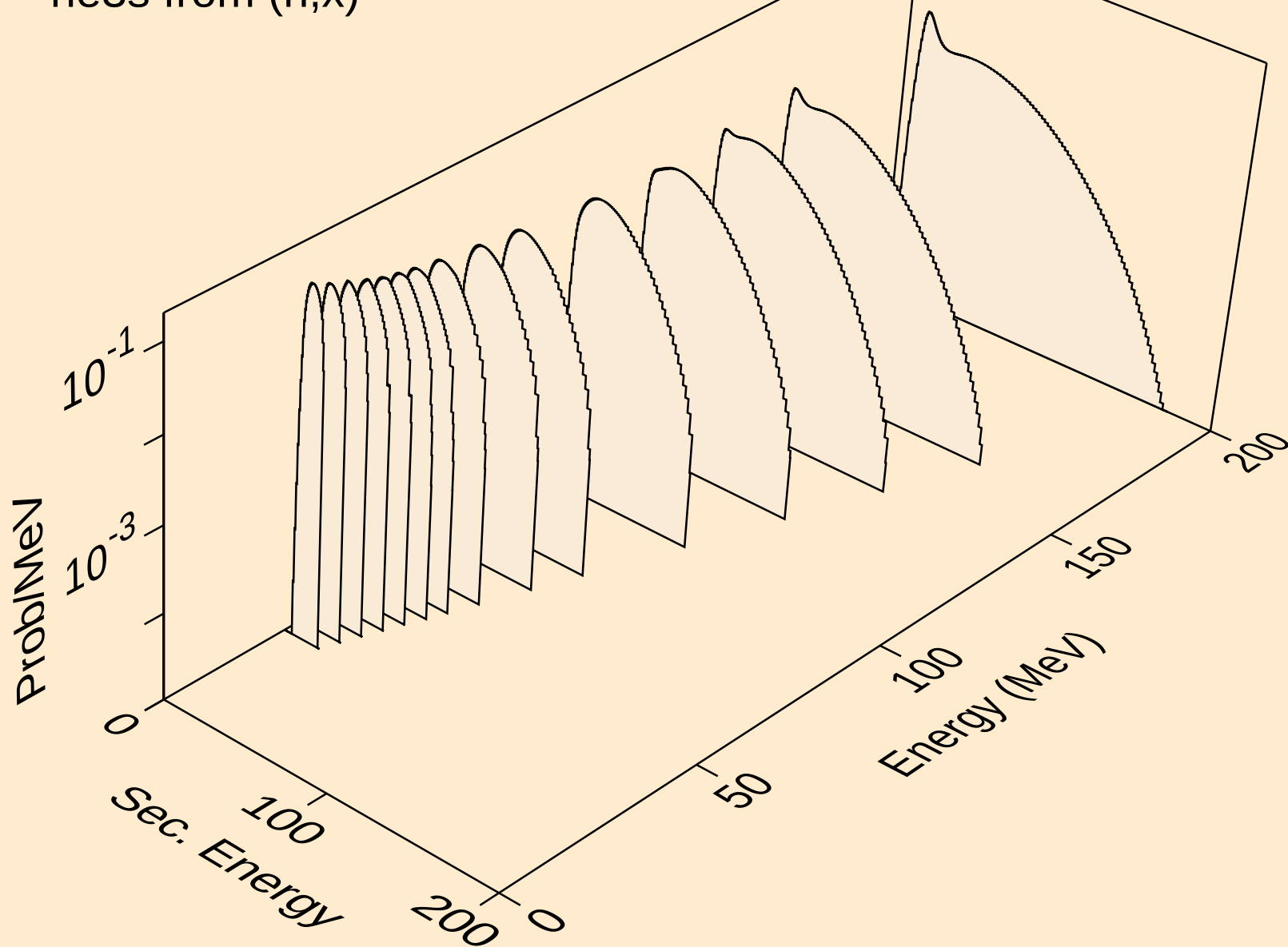
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tritons from (n,t)



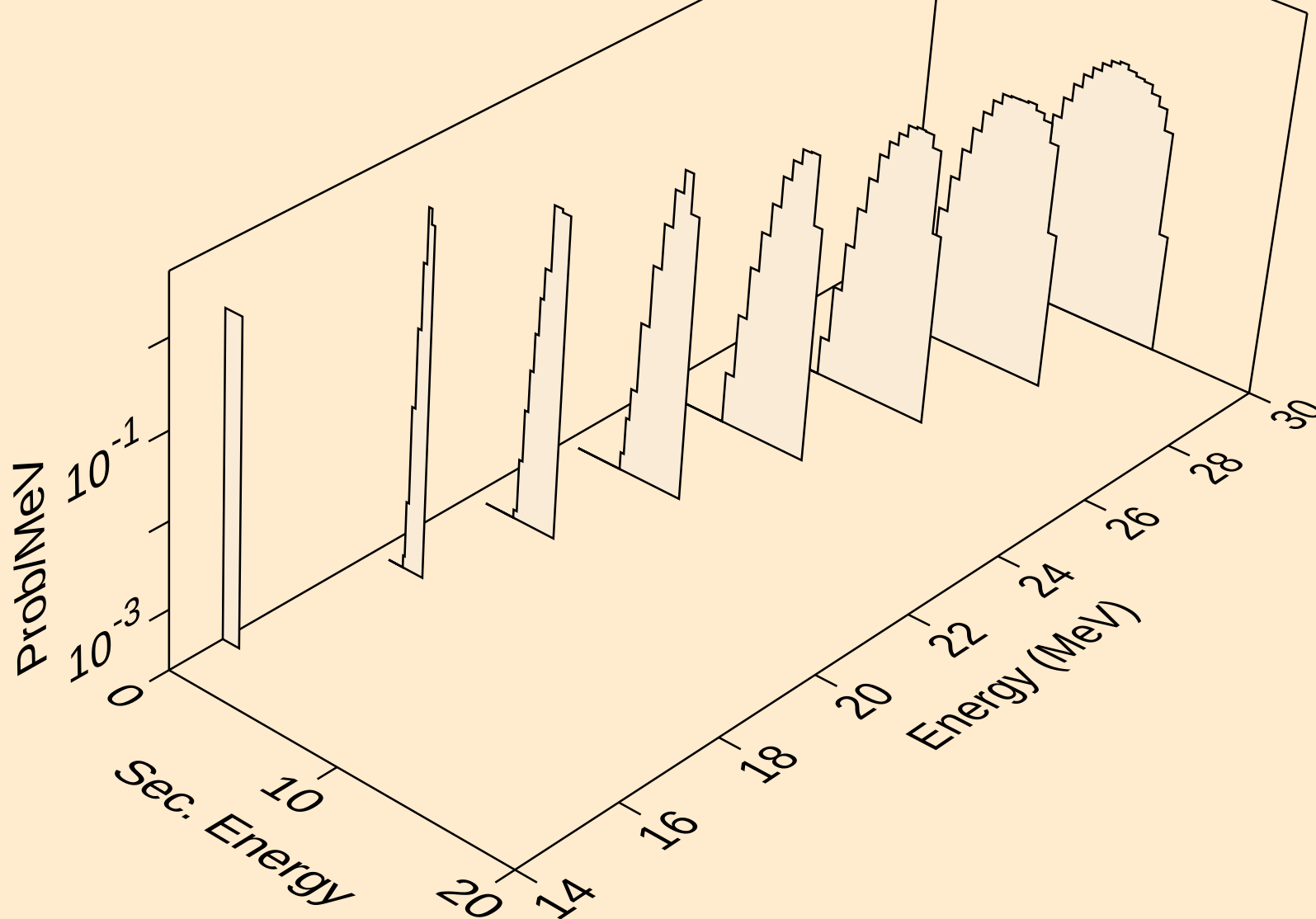
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tritons from (n,pt)



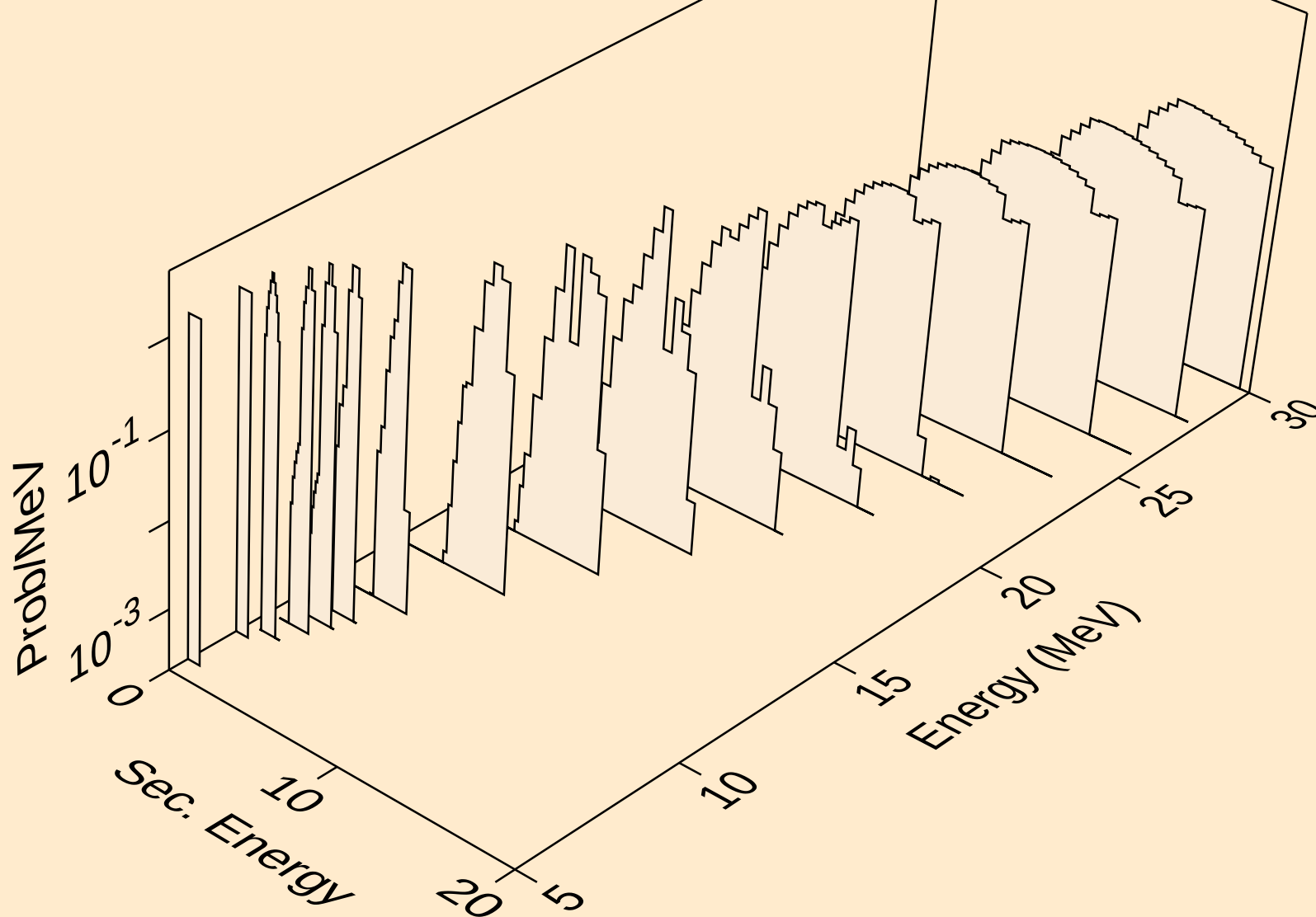
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he3s from (n,x)



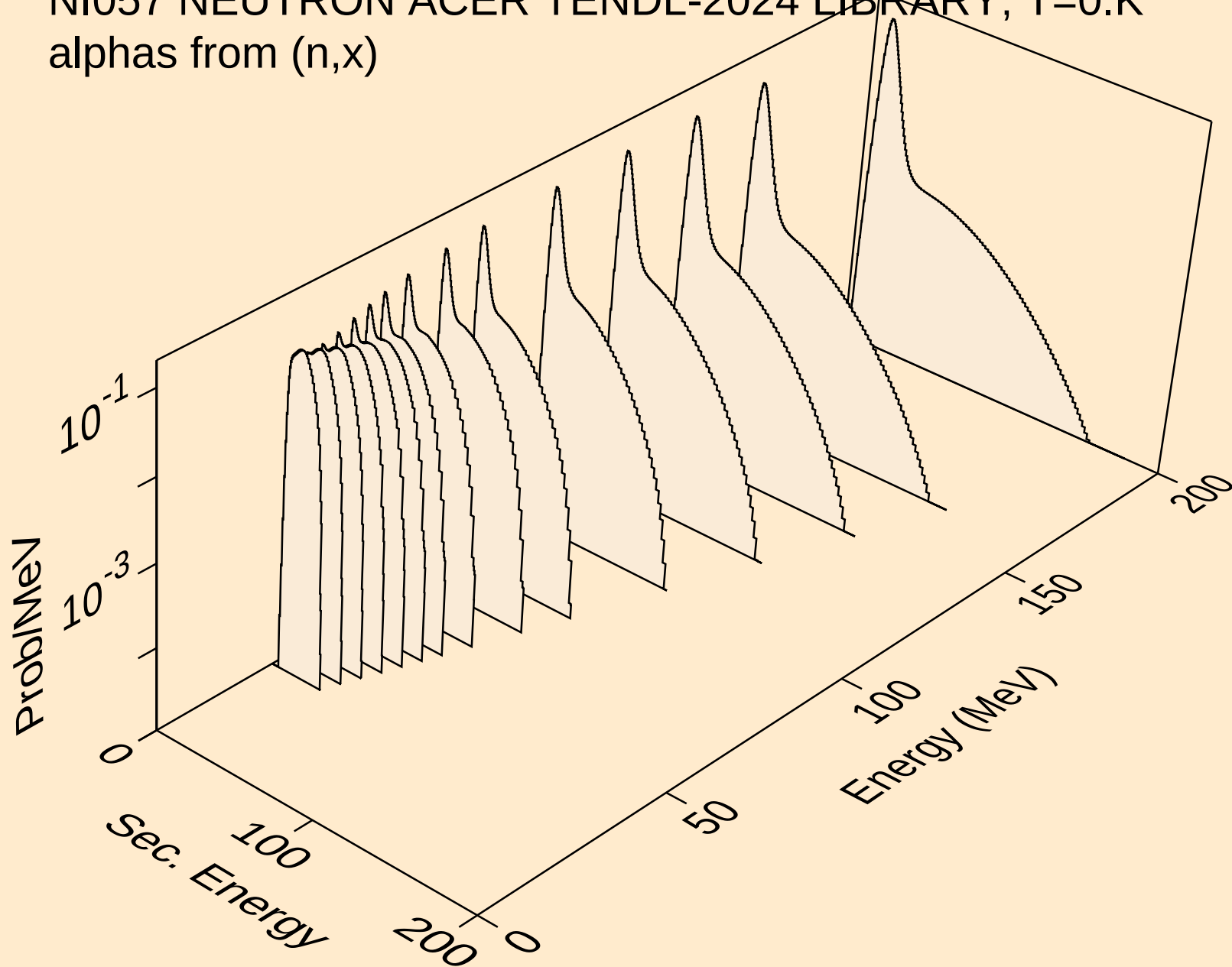
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he3s from (n,n*)he3



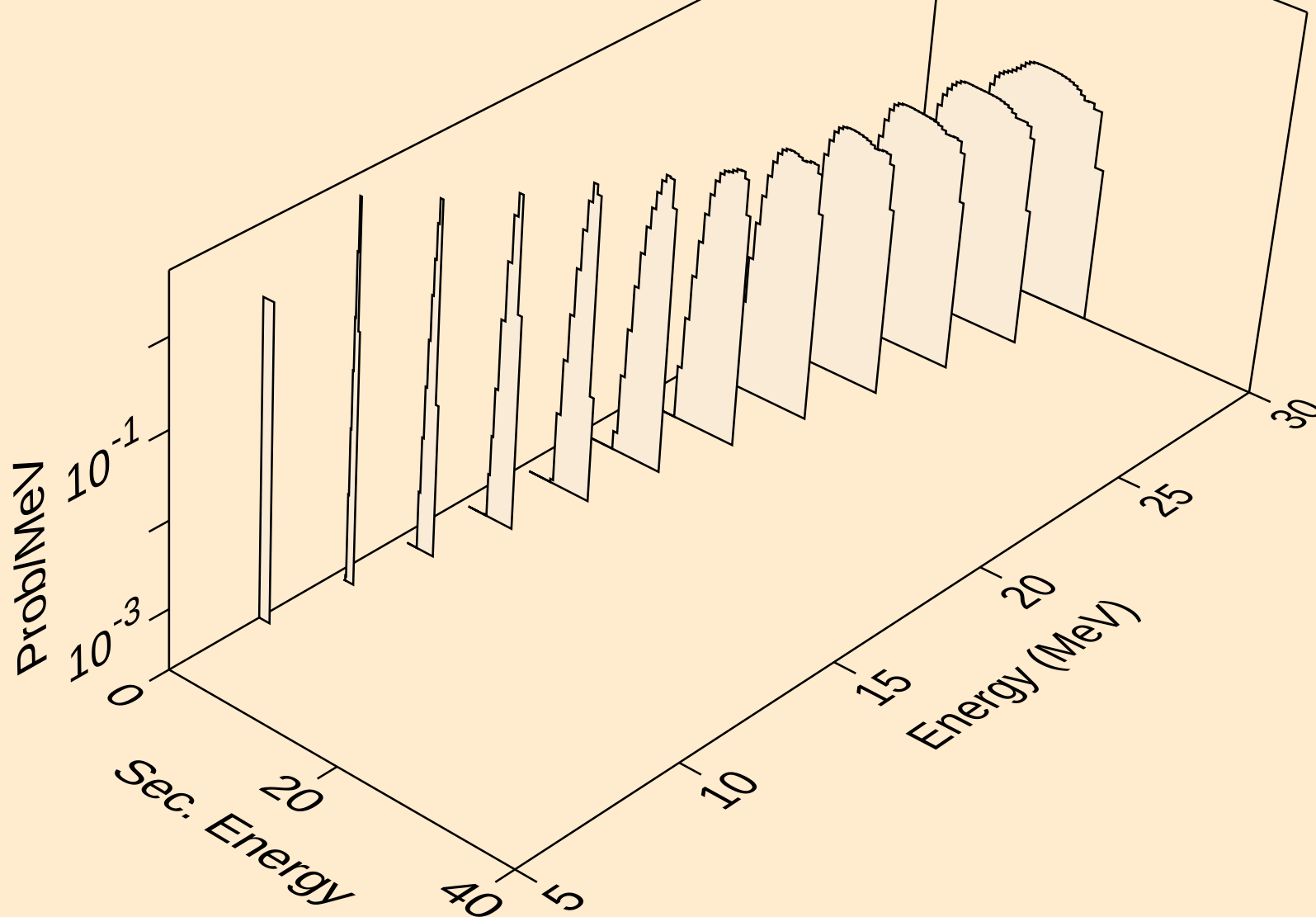
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he3s from (n,he3)



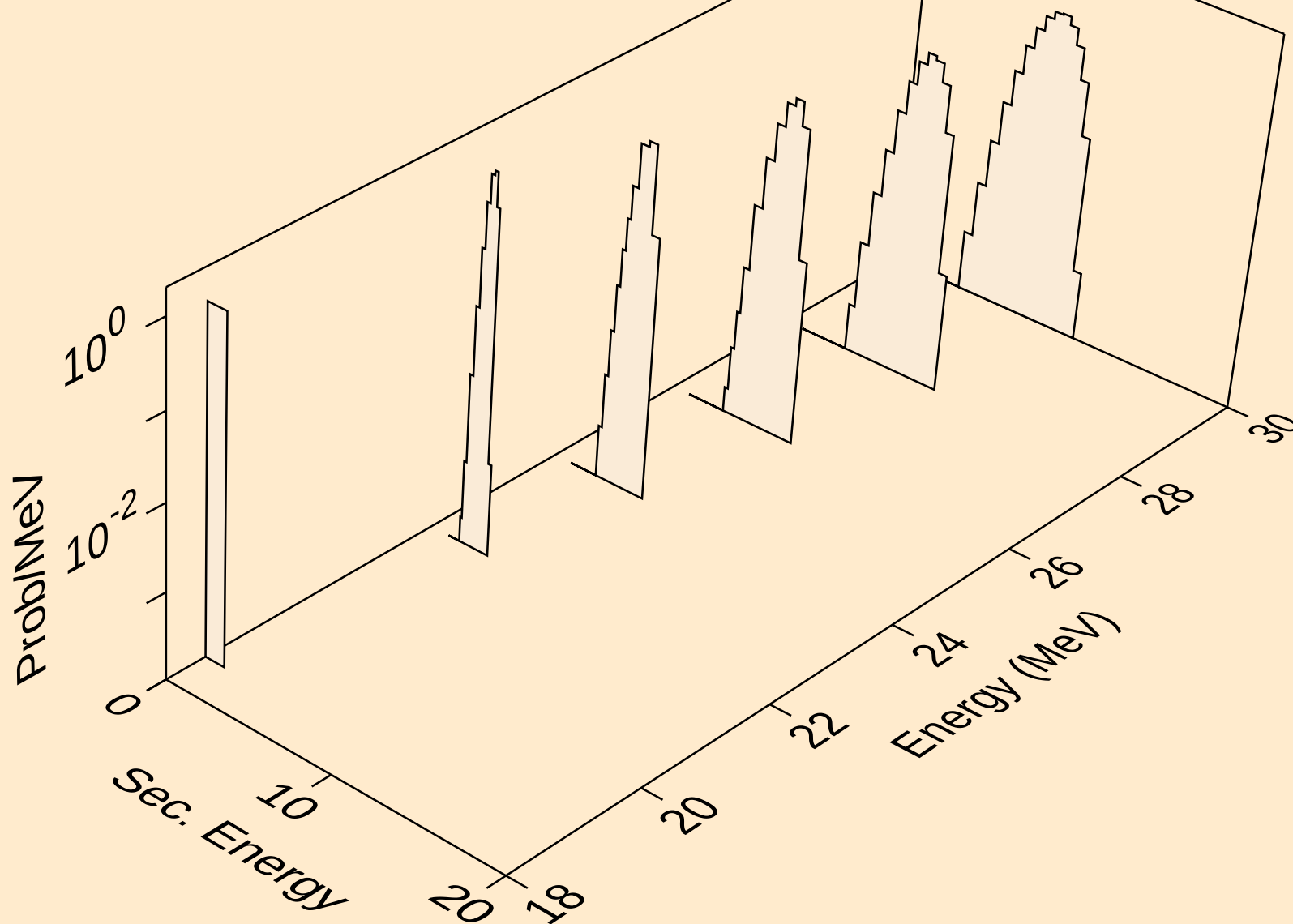
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



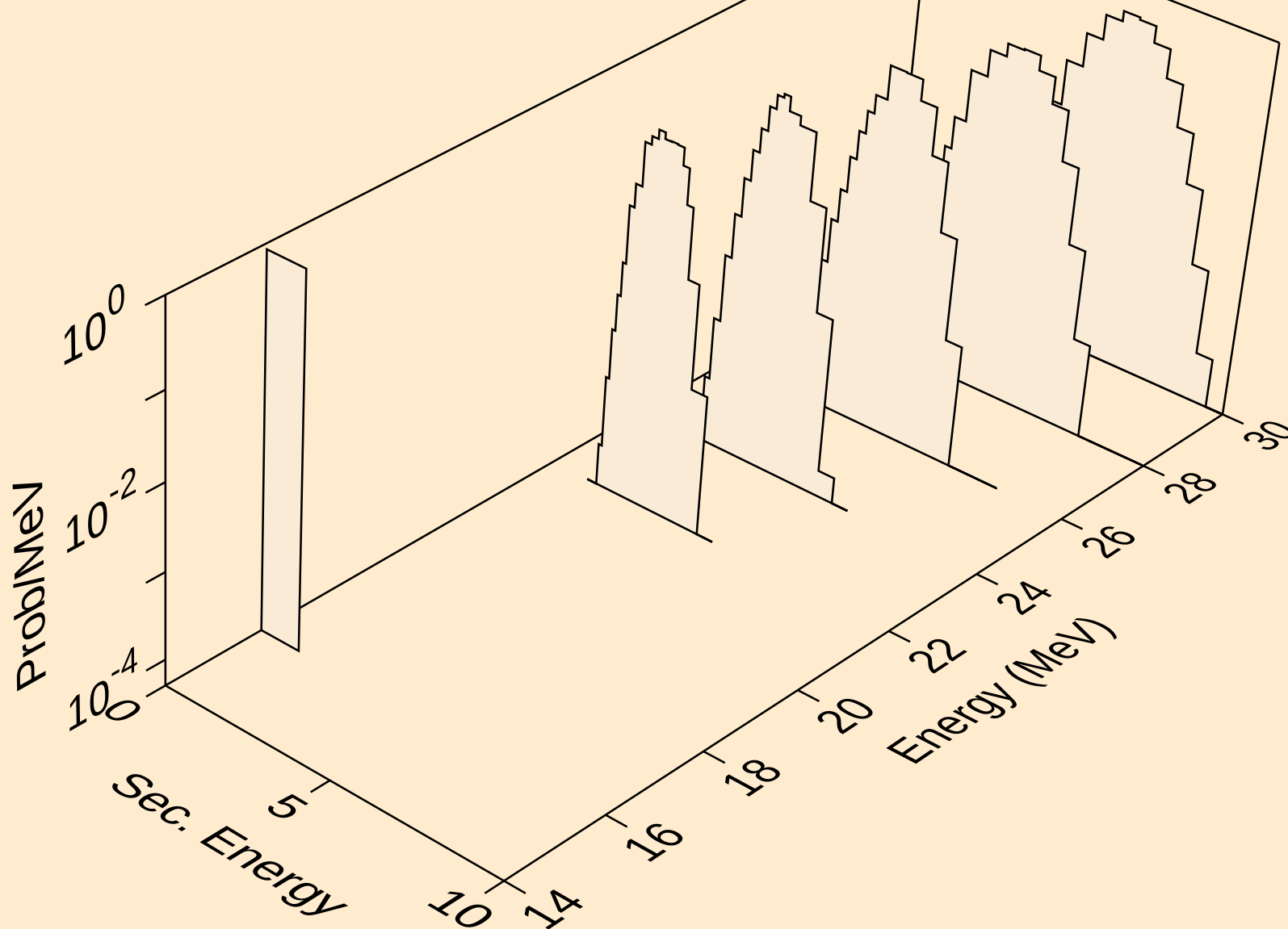
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



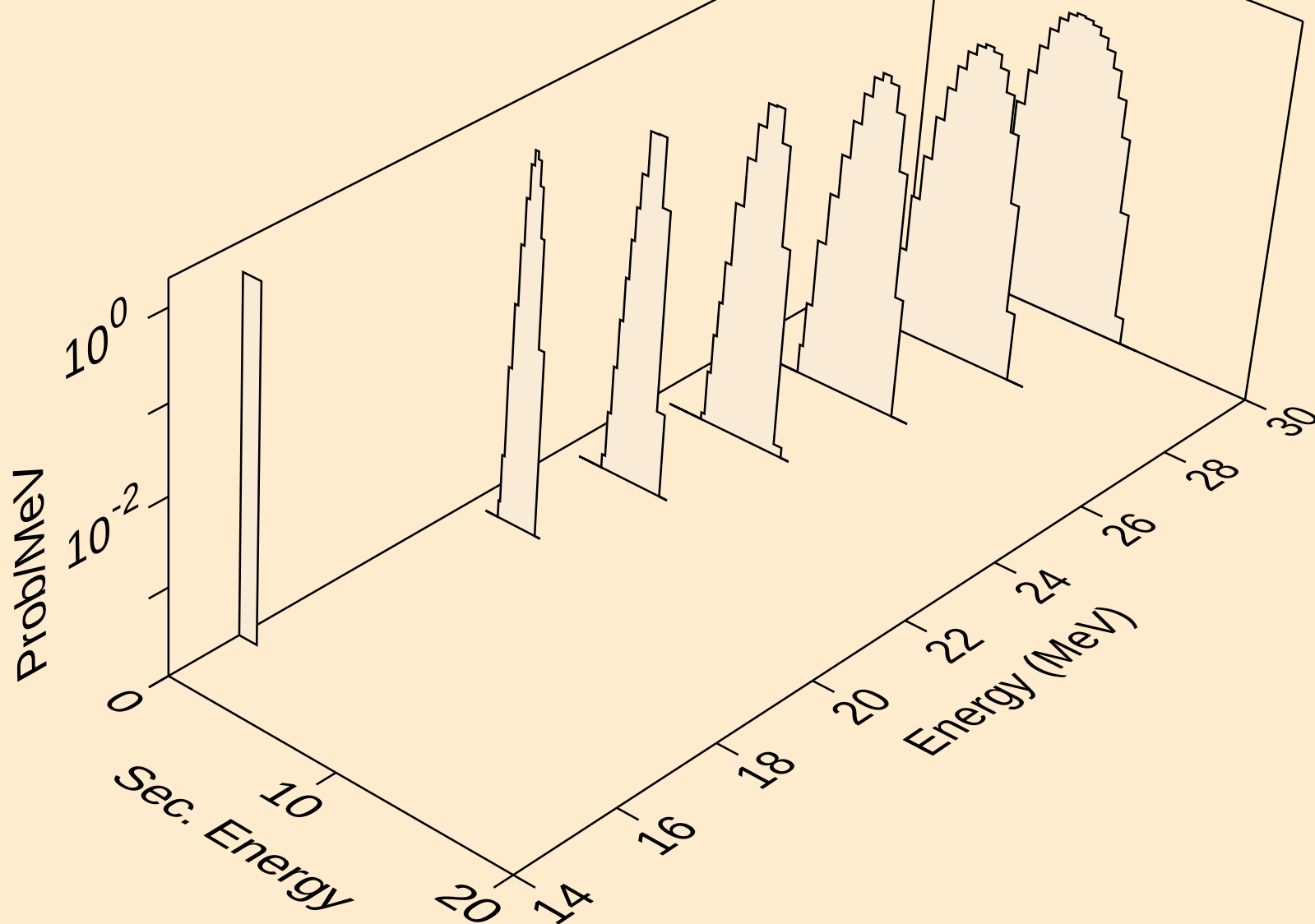
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



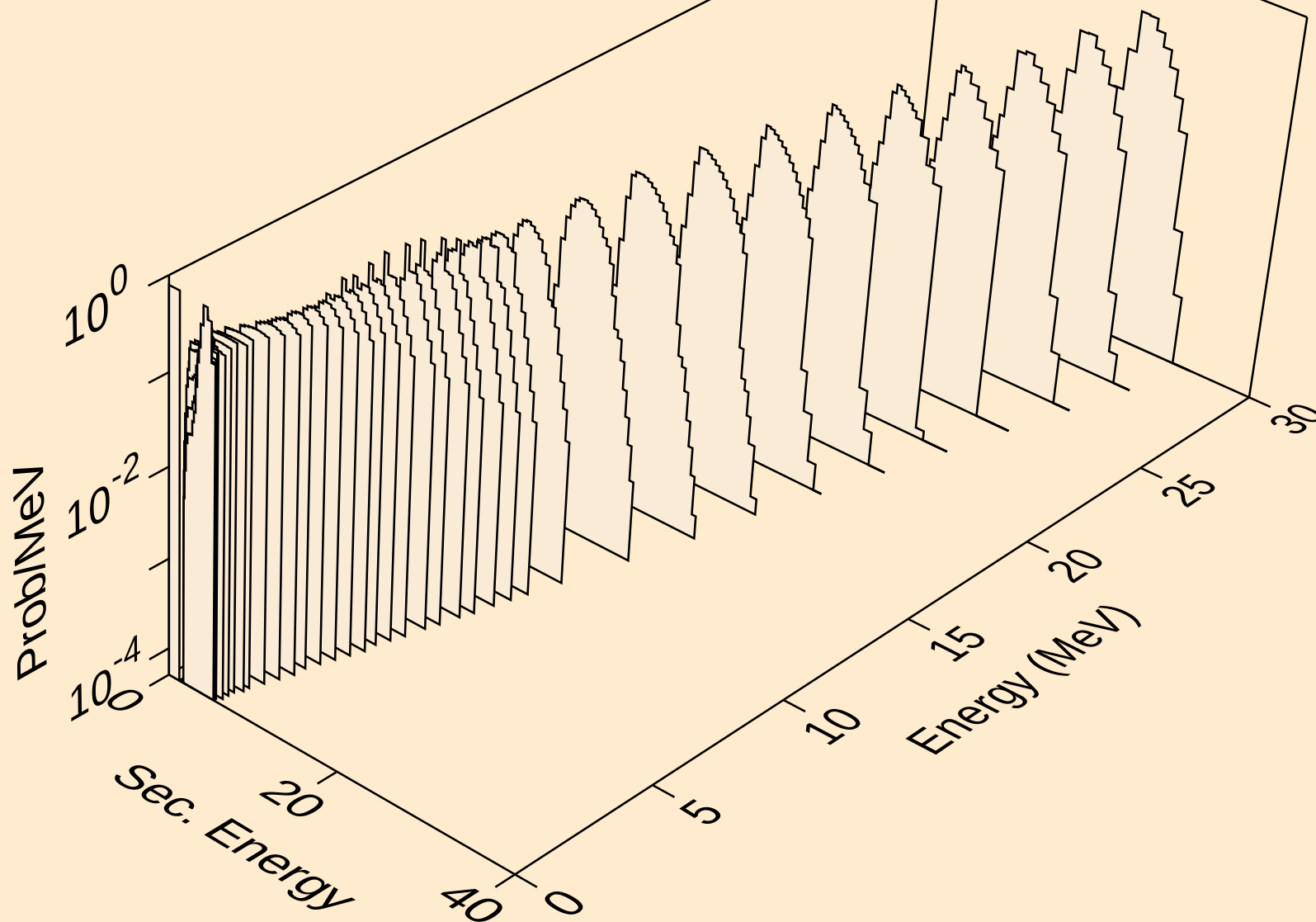
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alphas from (n,n*)2a



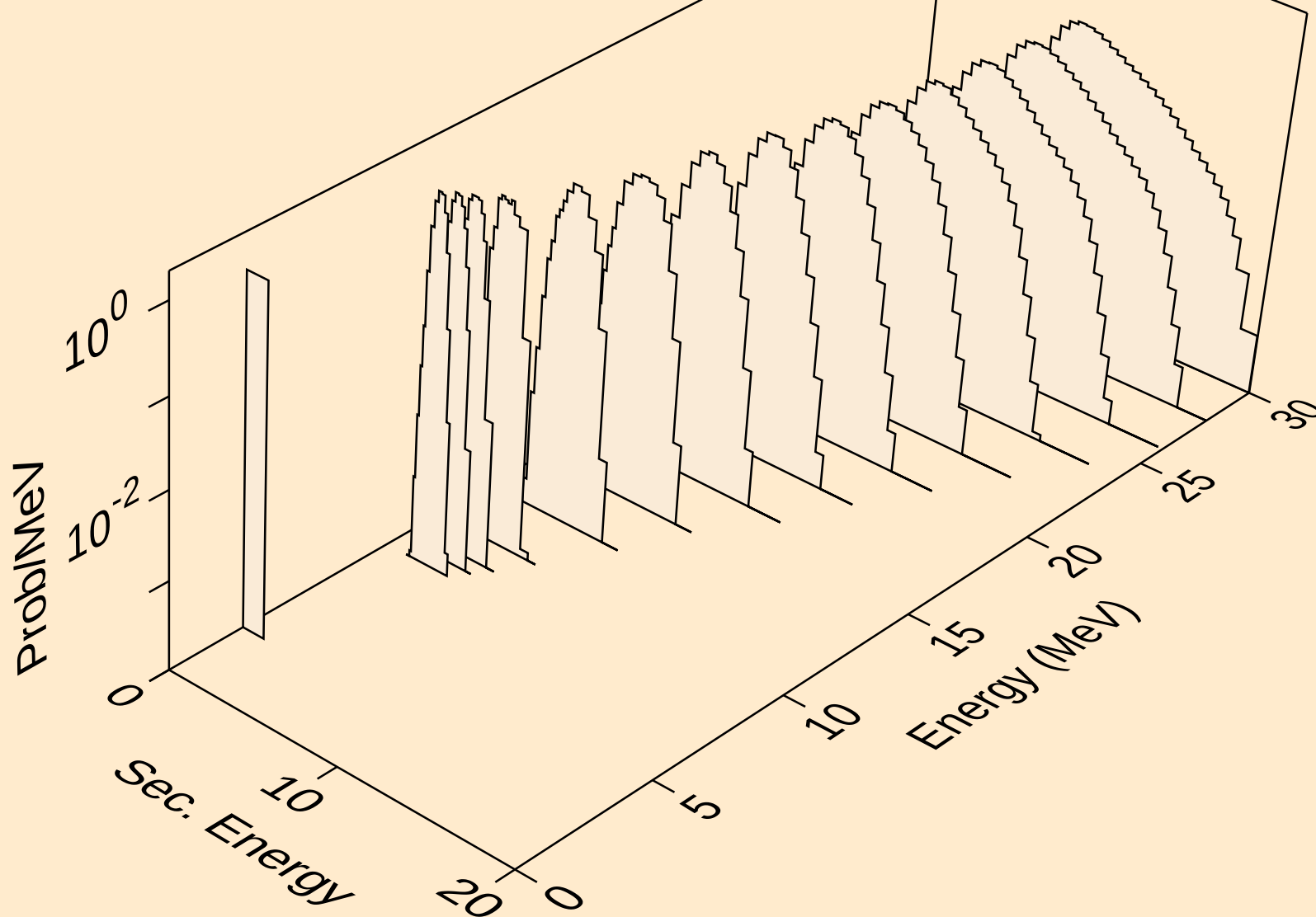
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



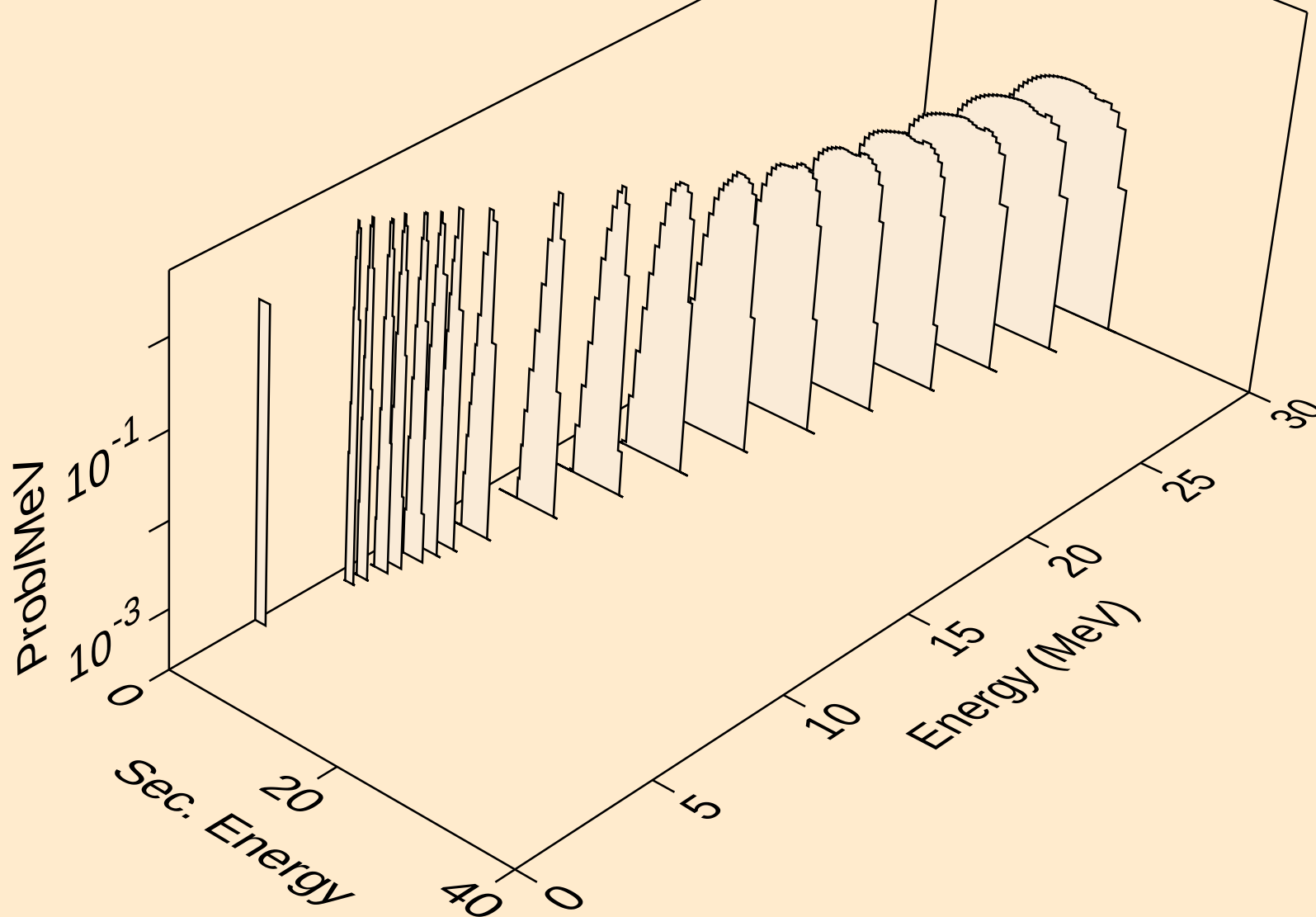
NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



NI057 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

