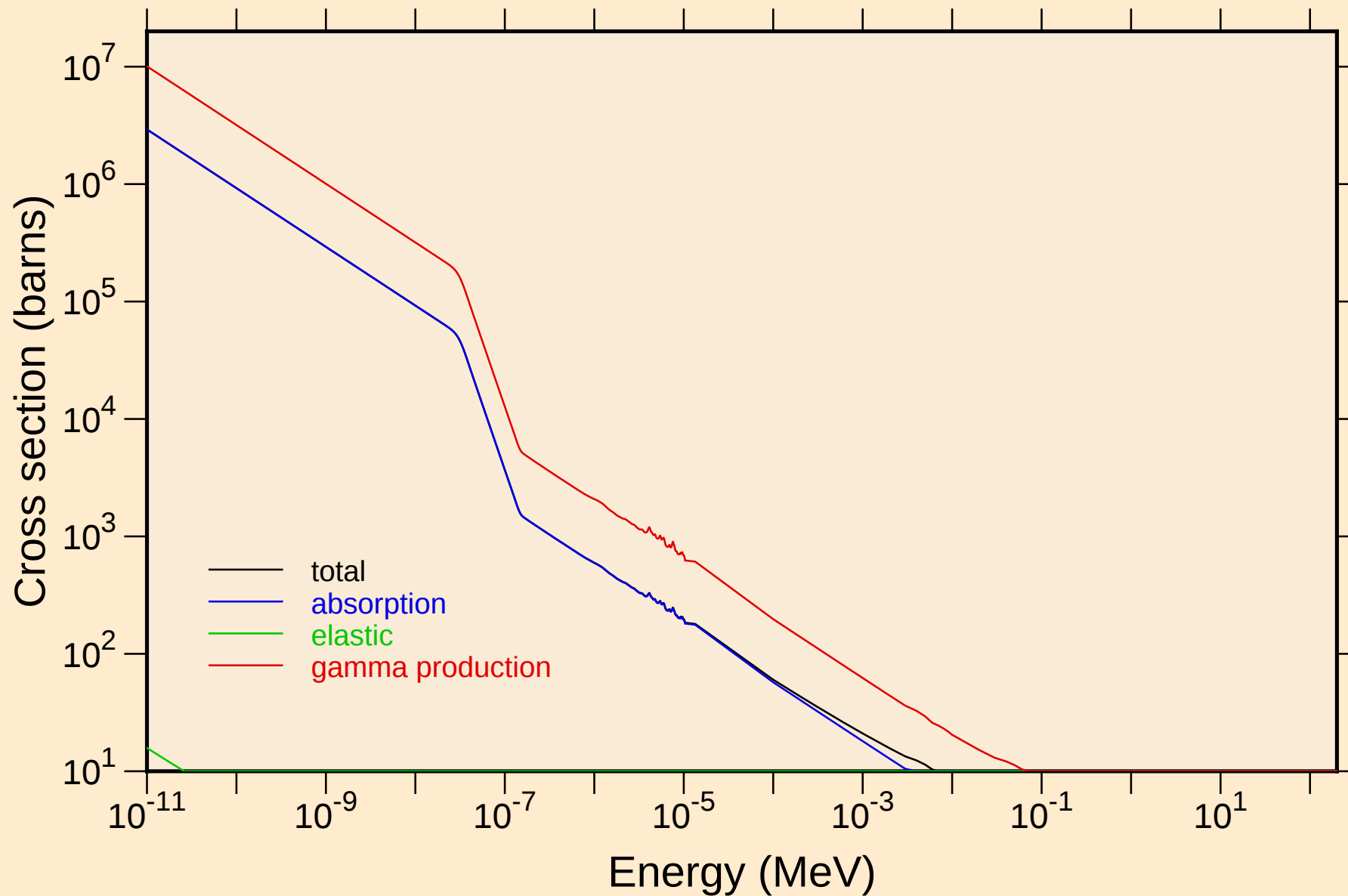
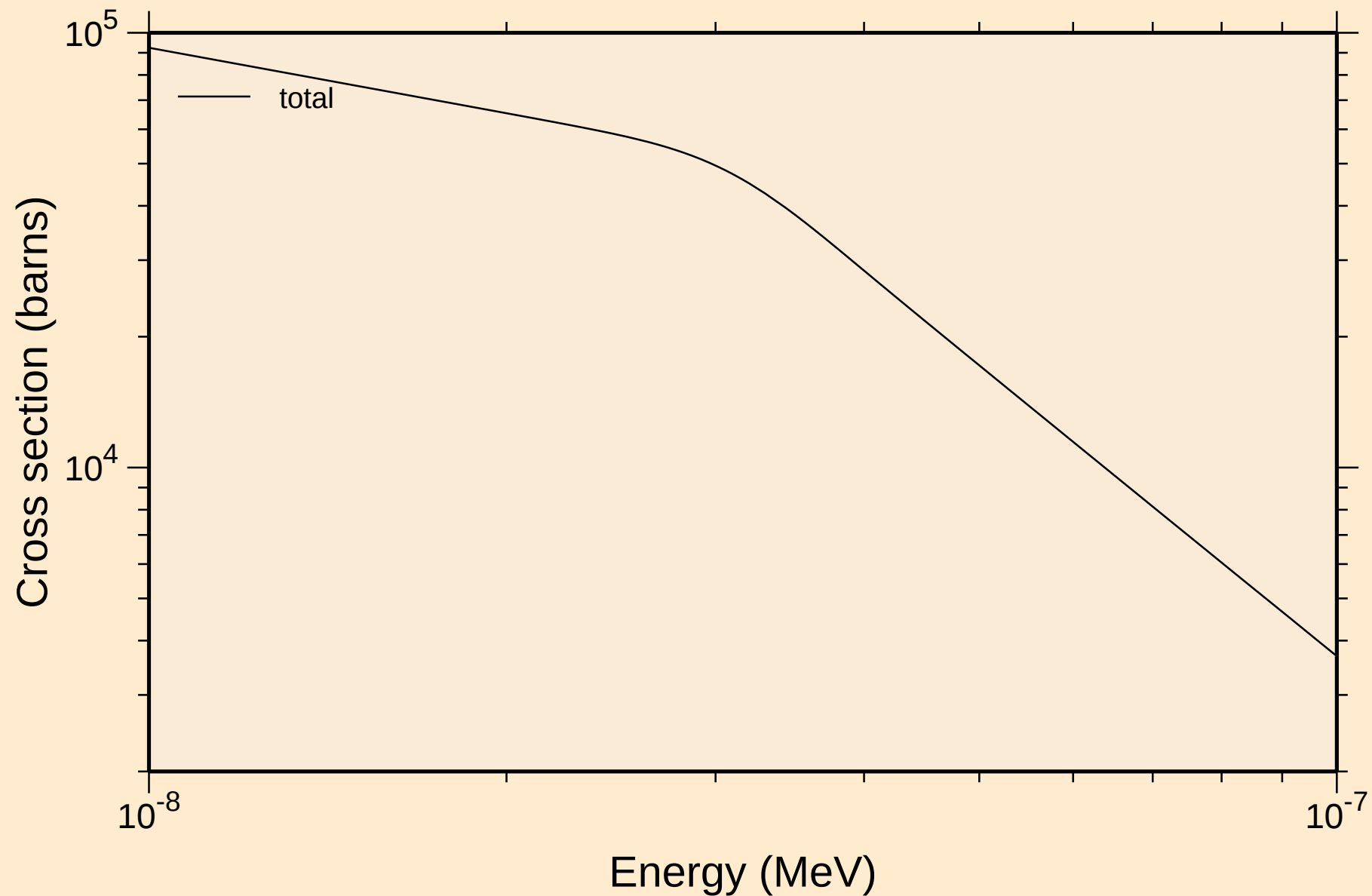


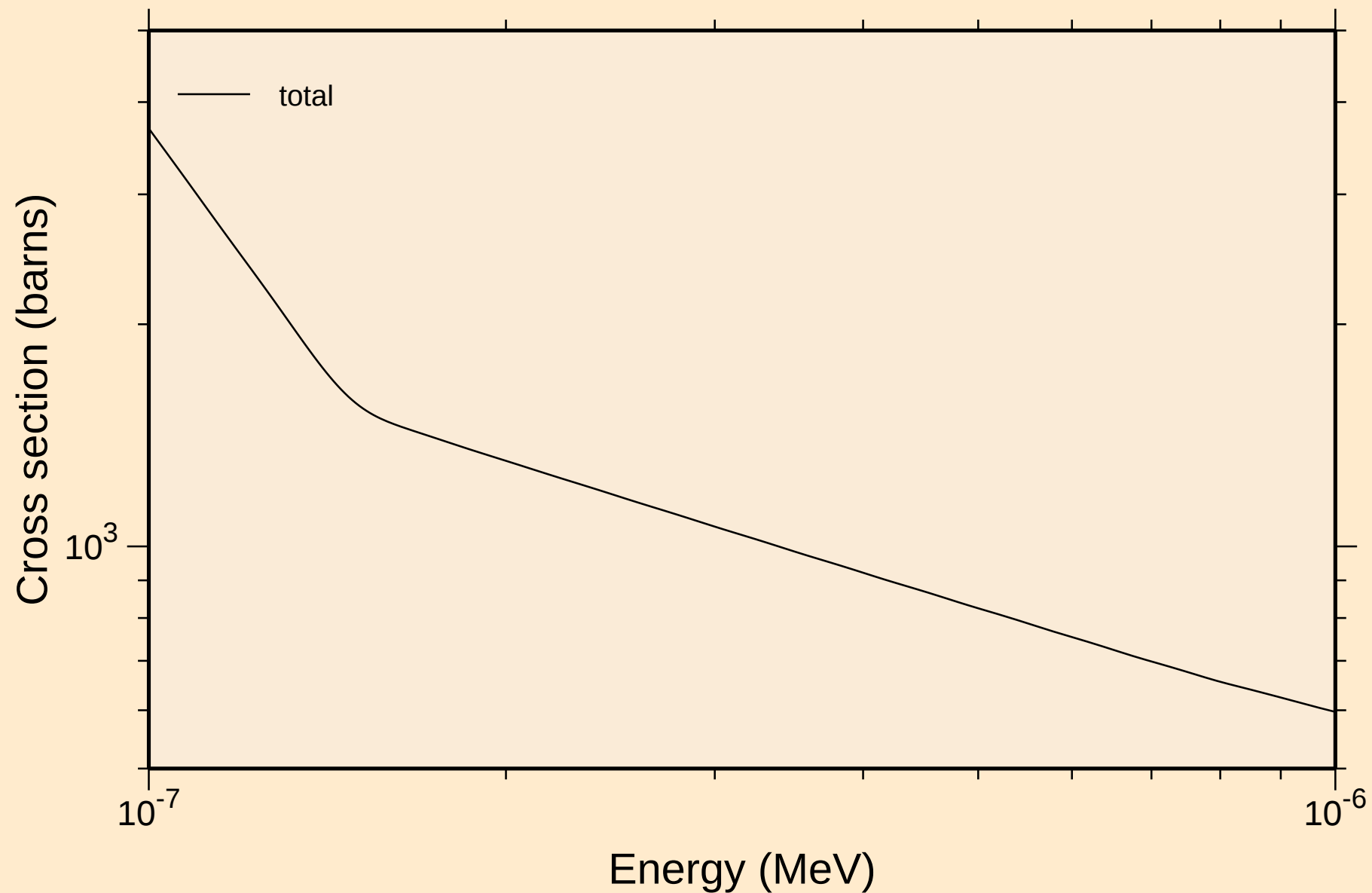
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Principal cross sections



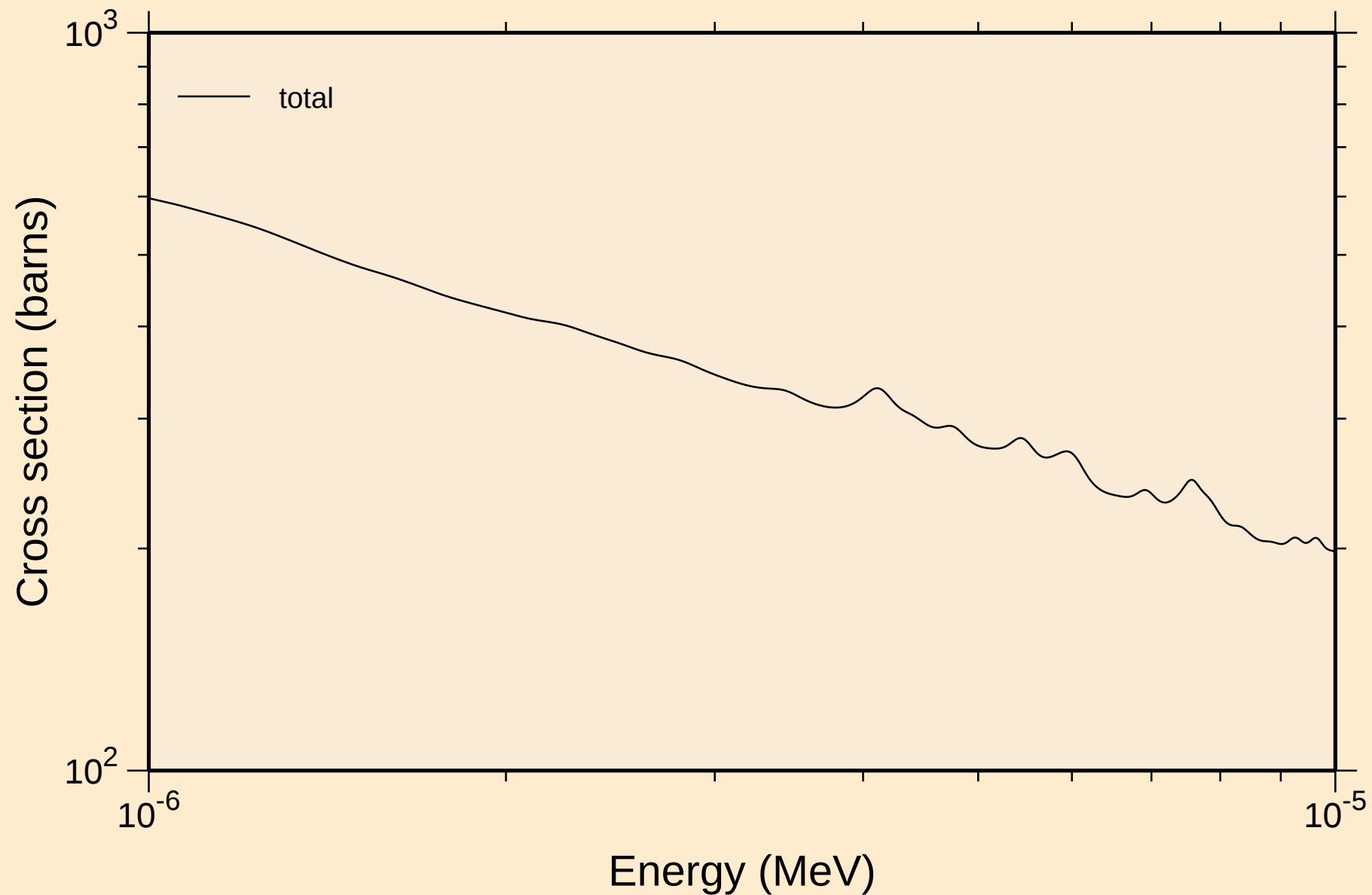
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



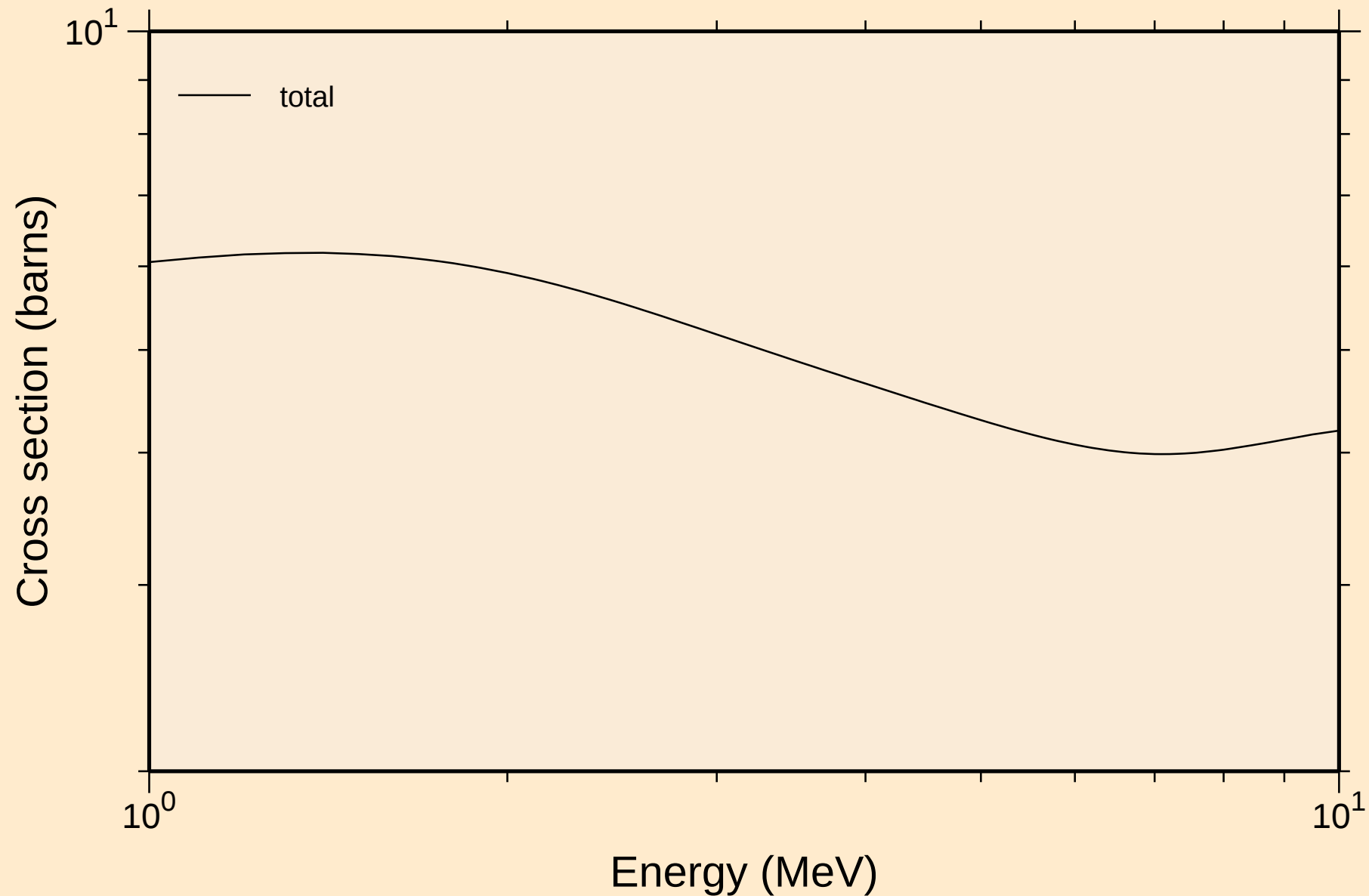
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



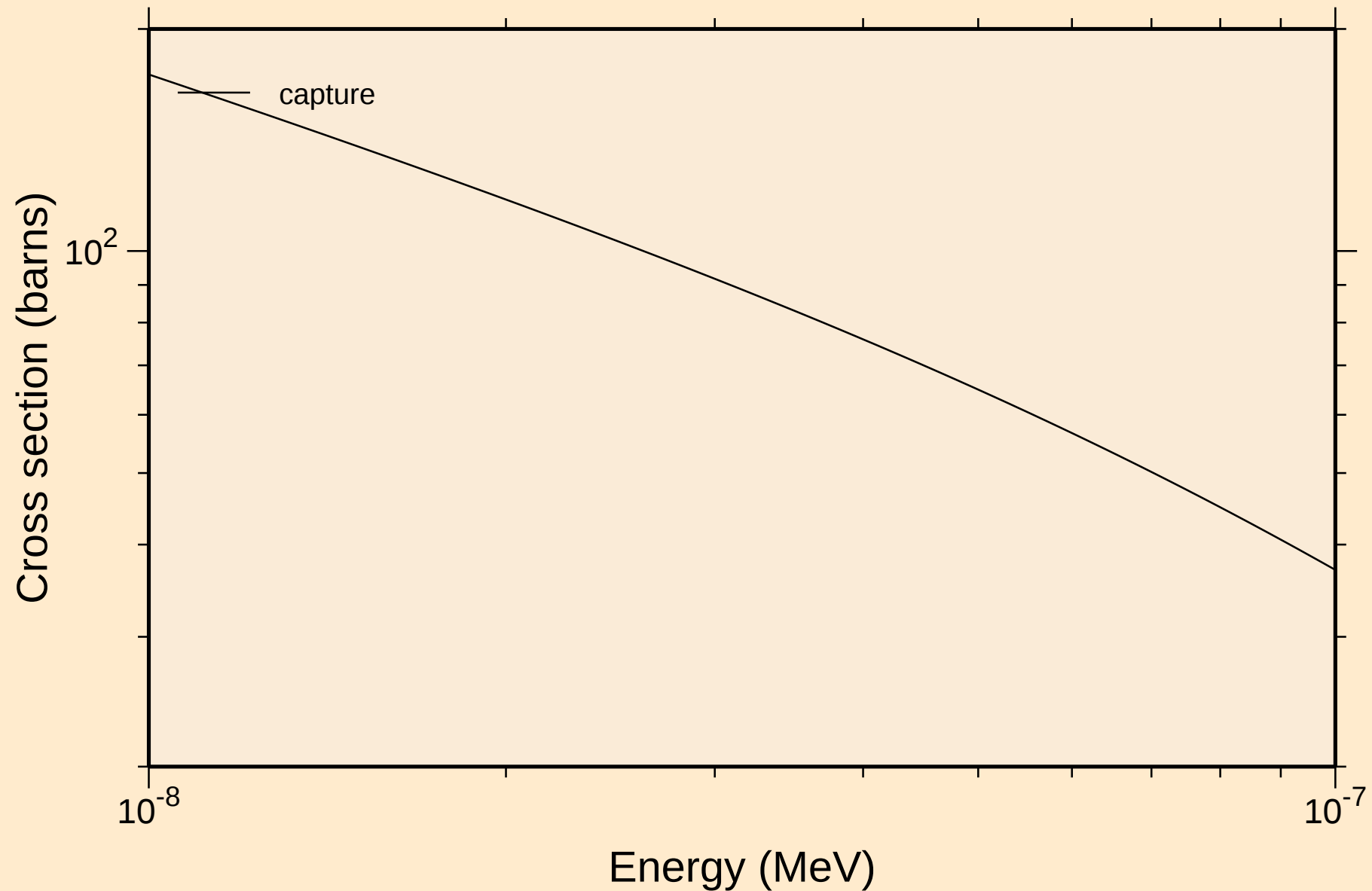
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



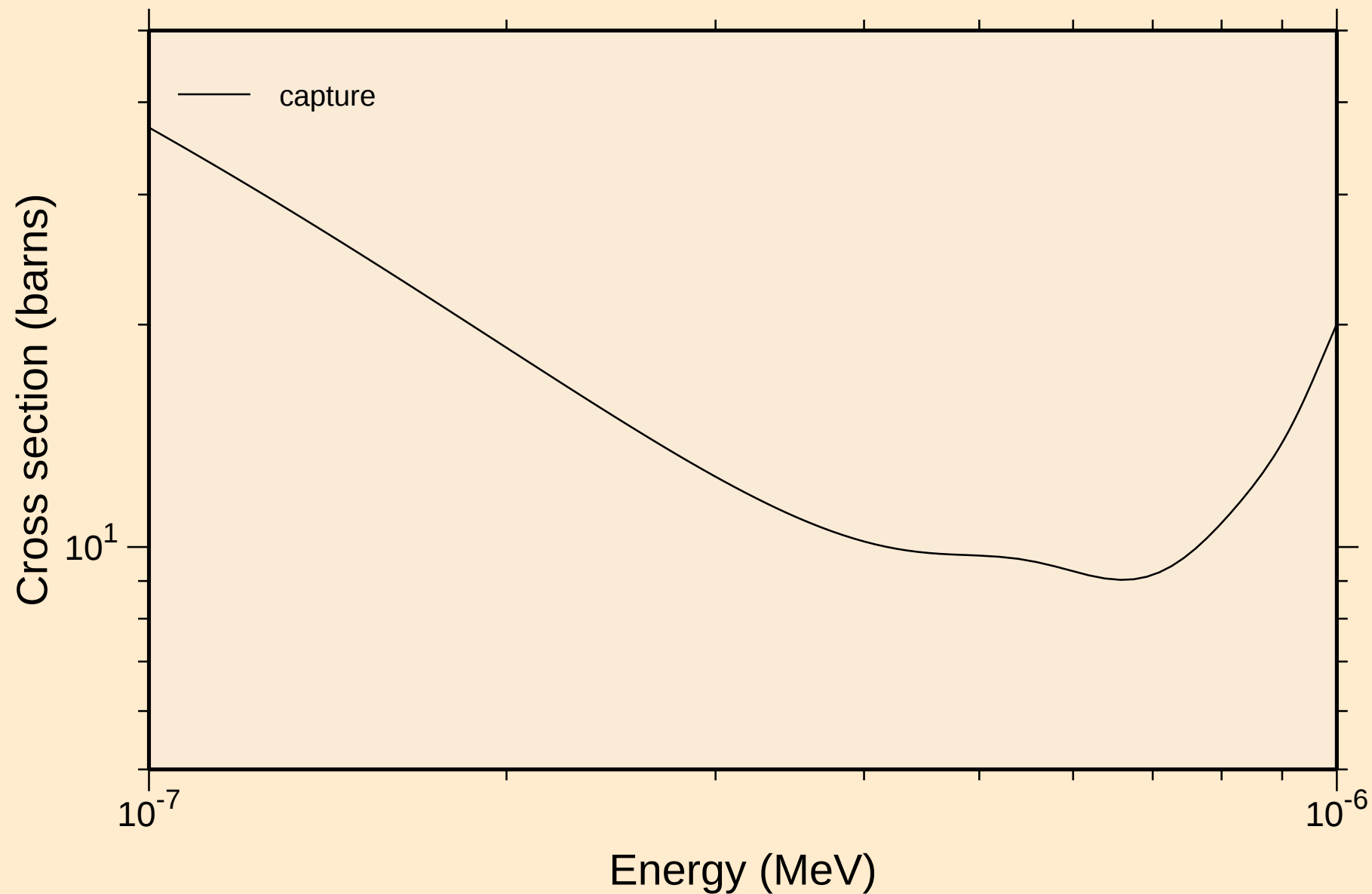
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resonance total cross section



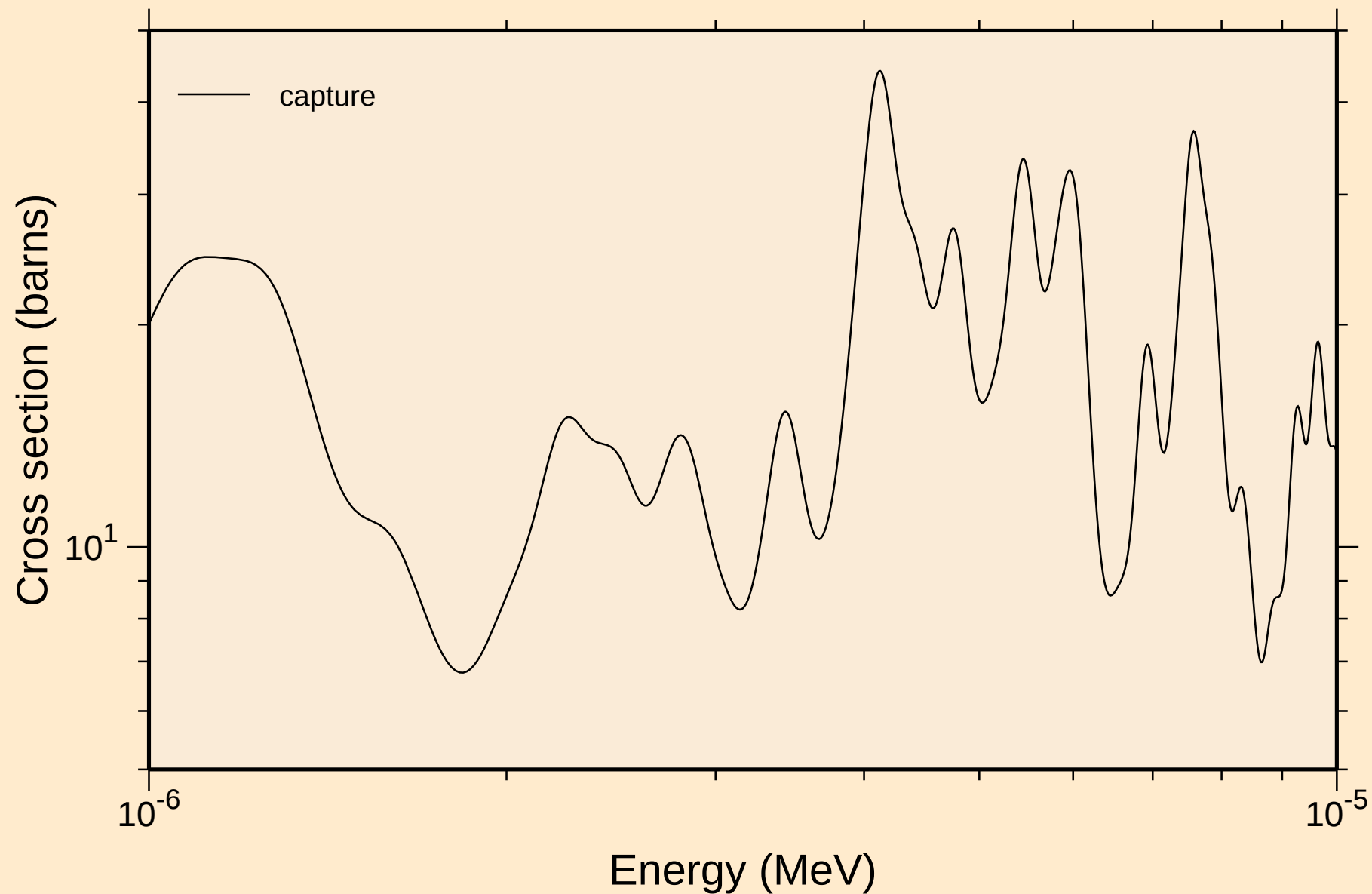
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resonance absorption cross sections



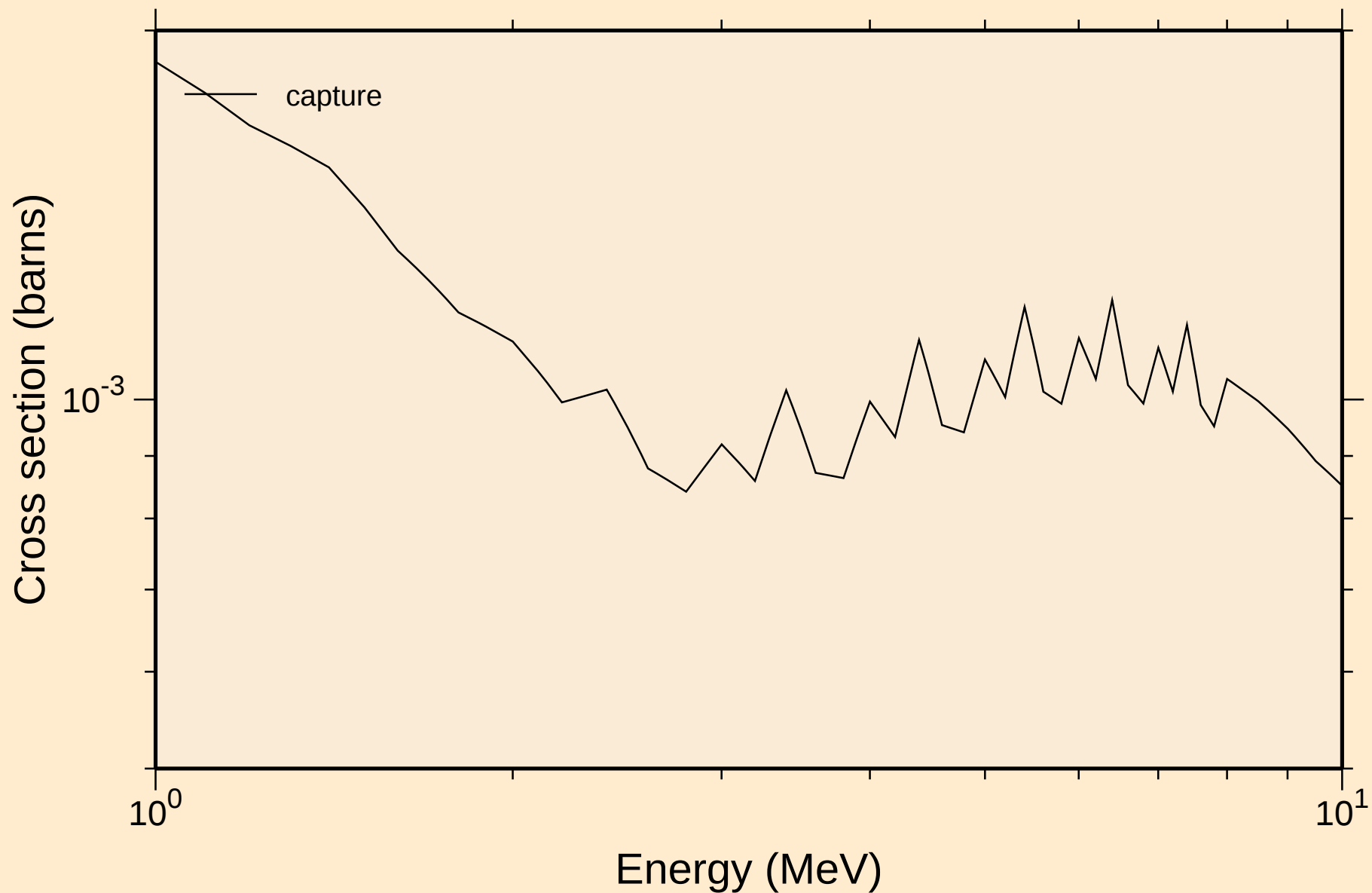
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

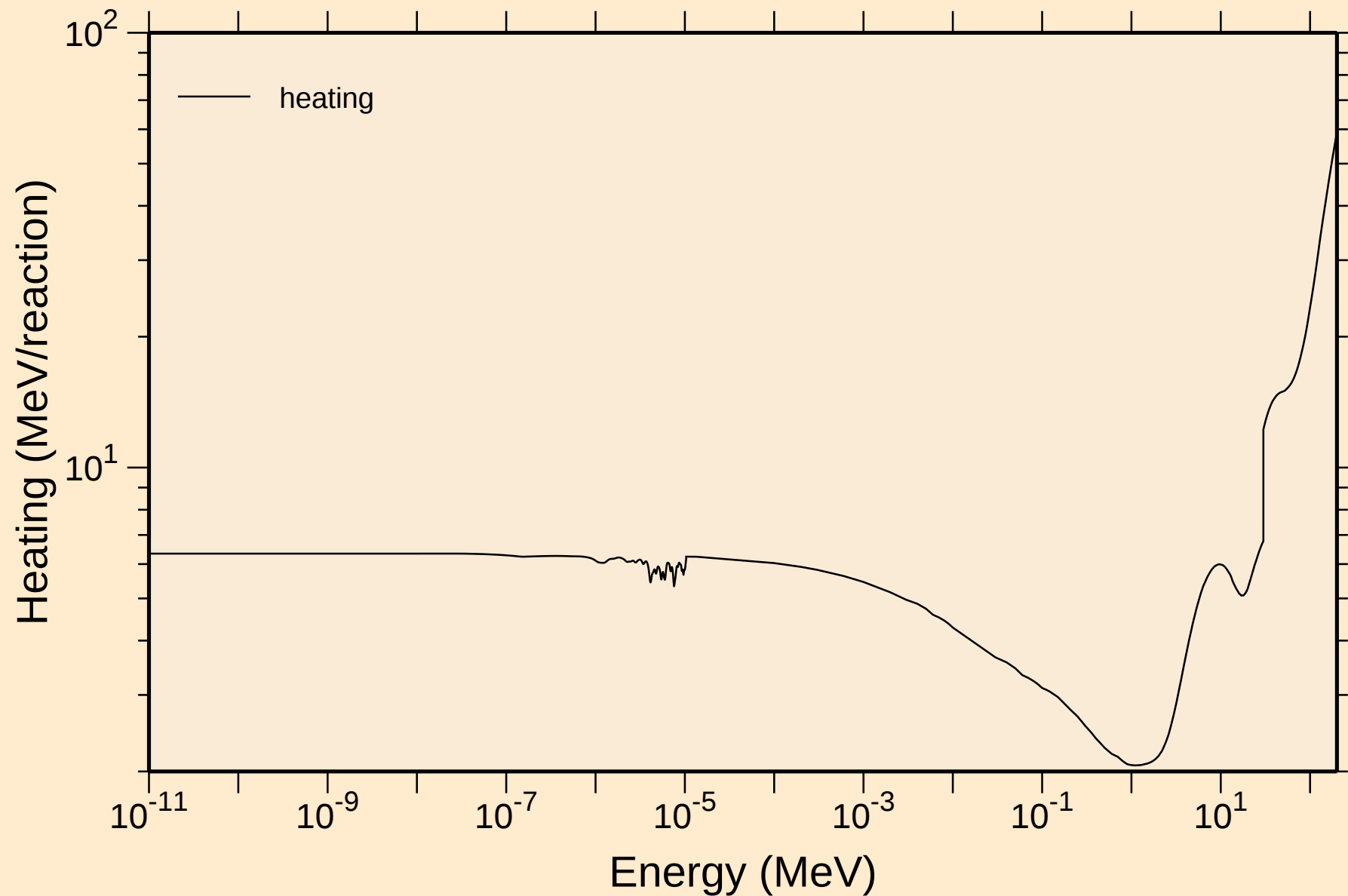


LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



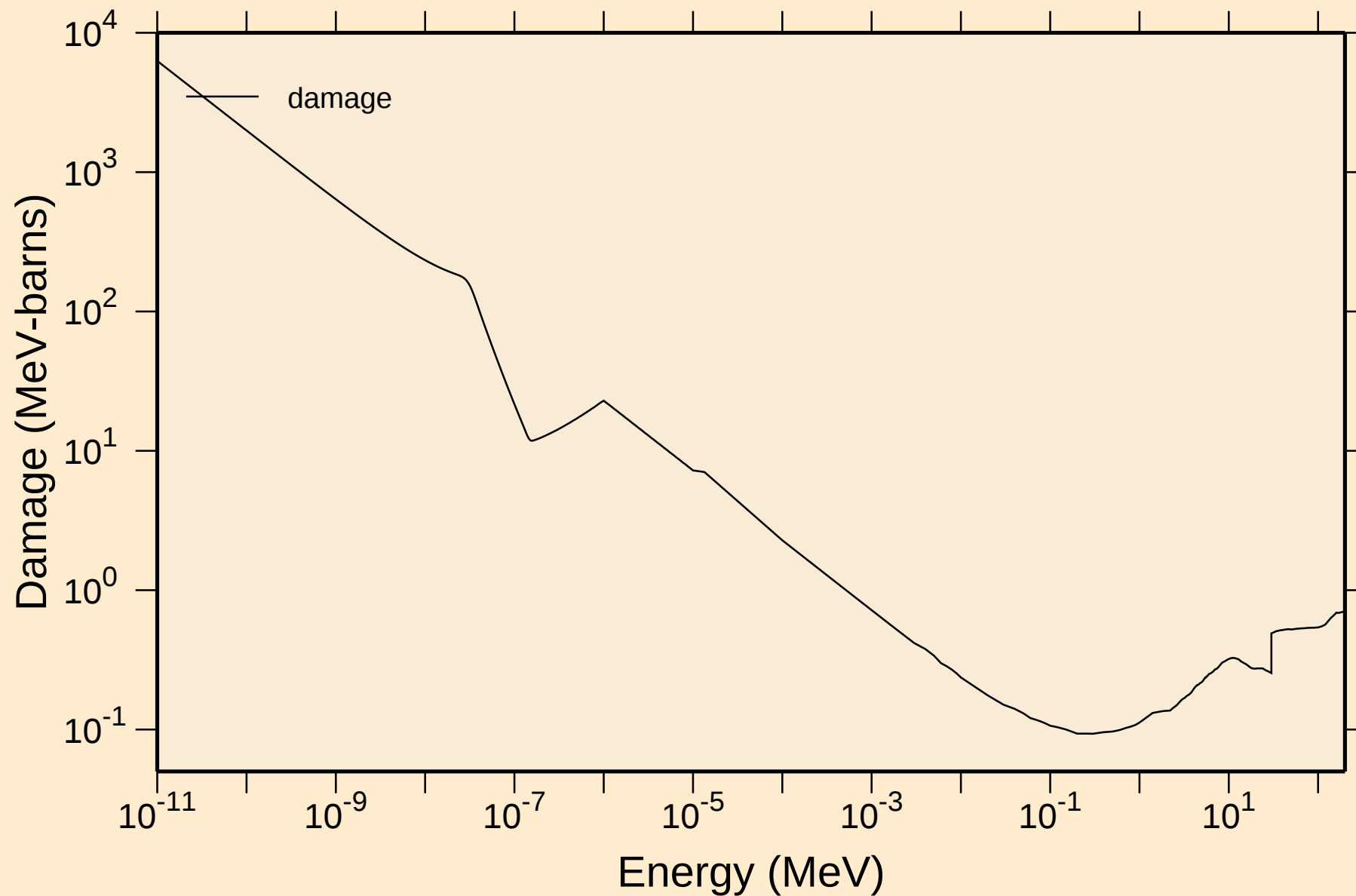
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

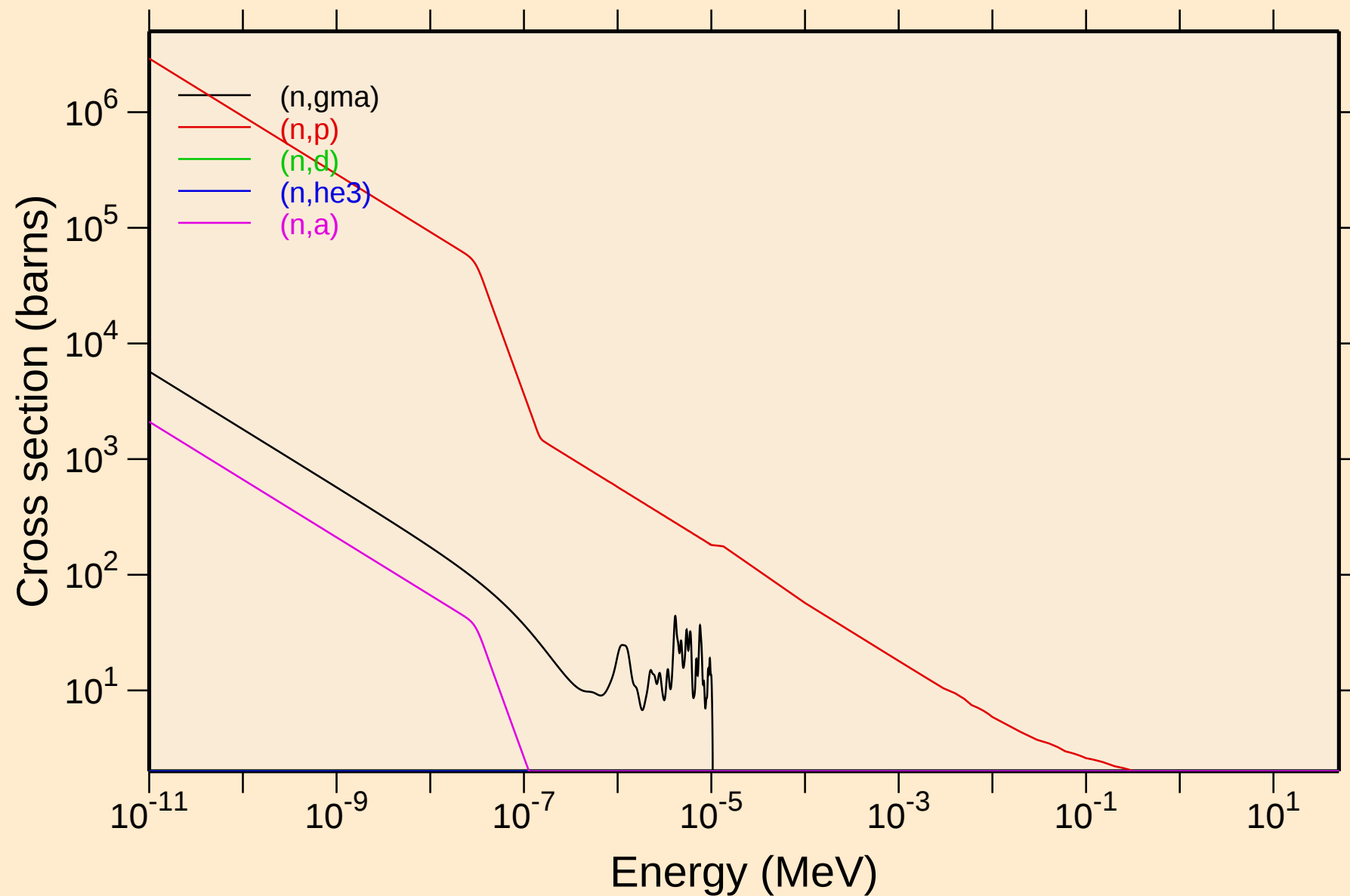


LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

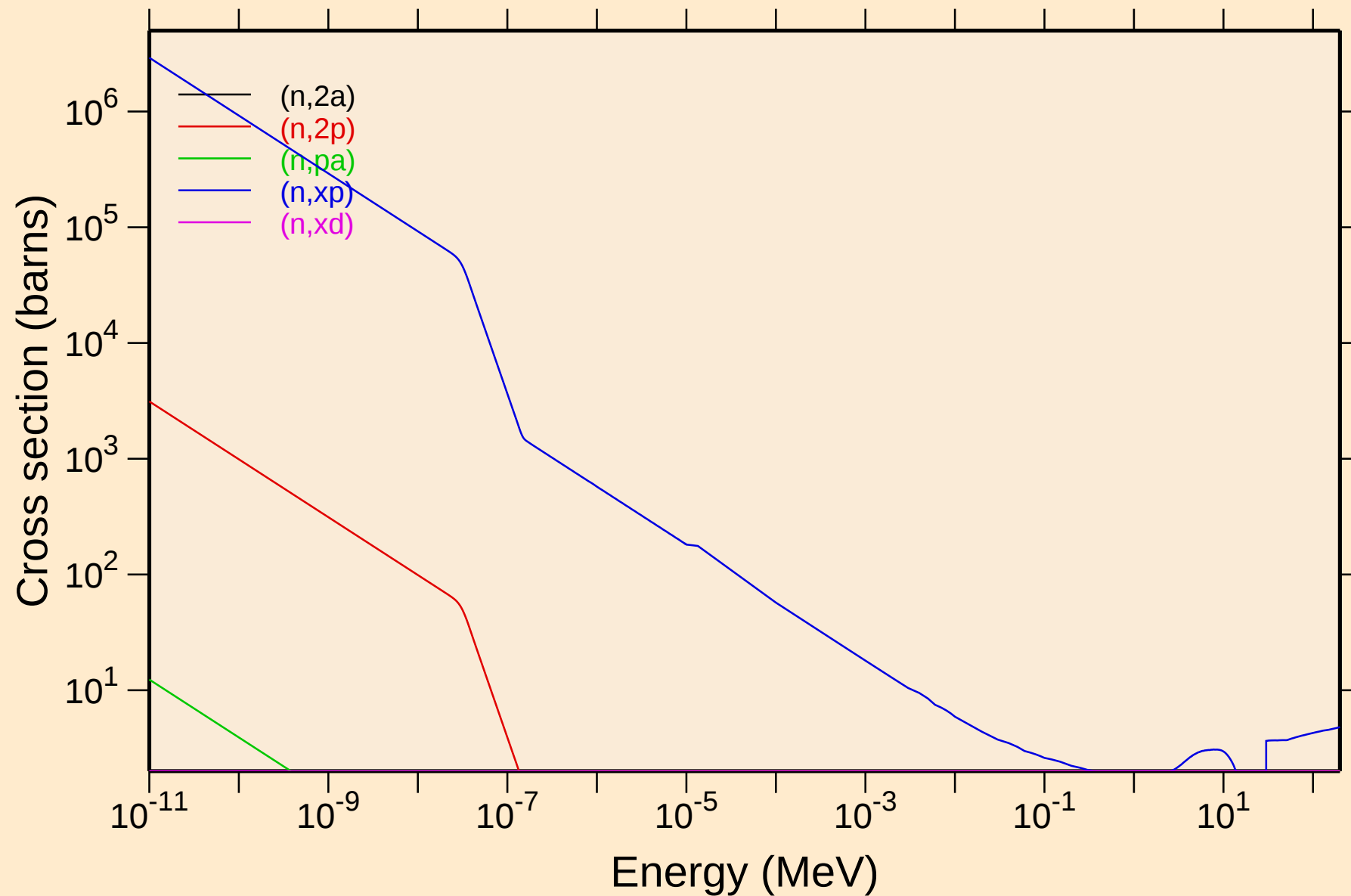
Damage



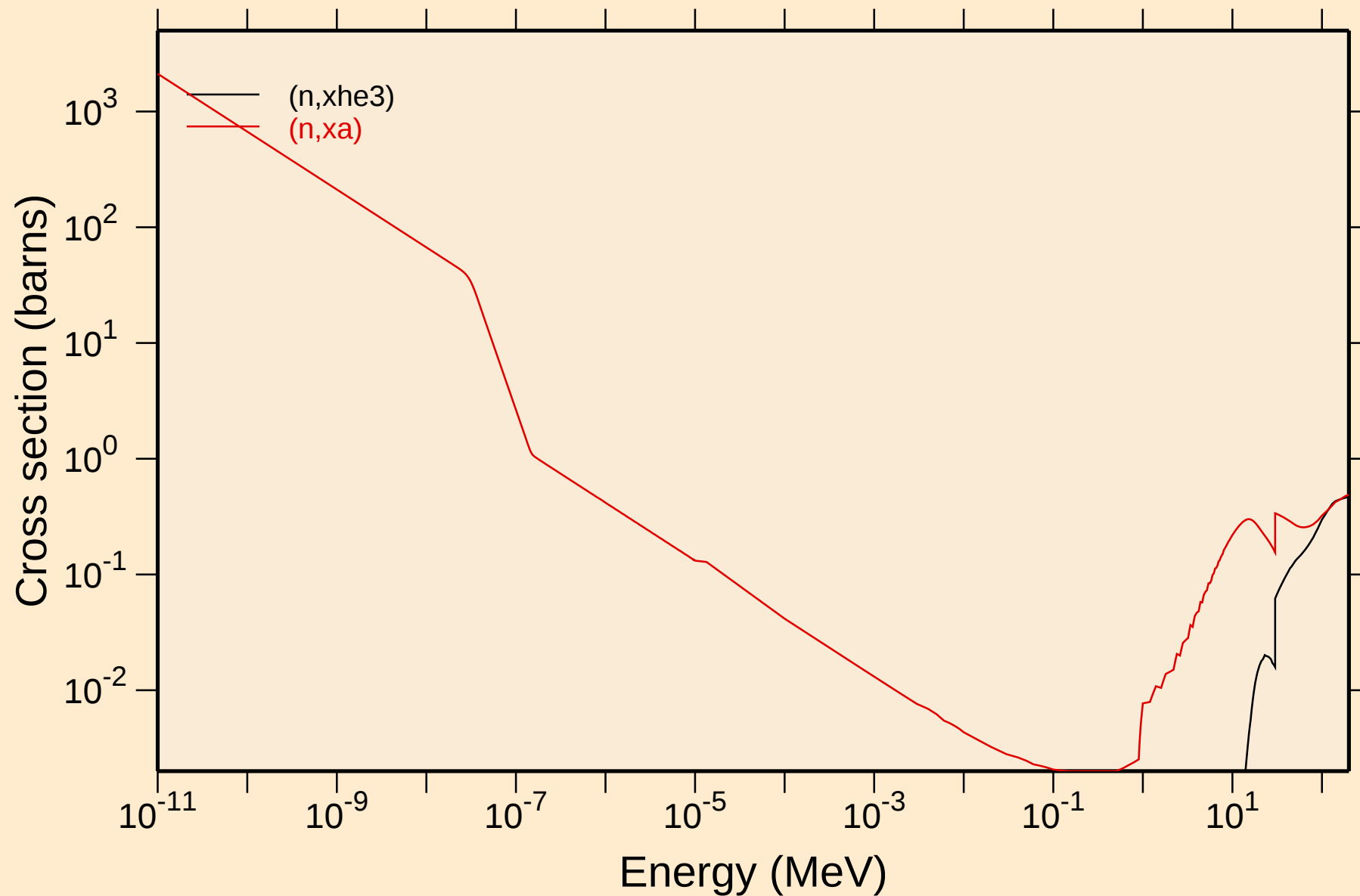
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

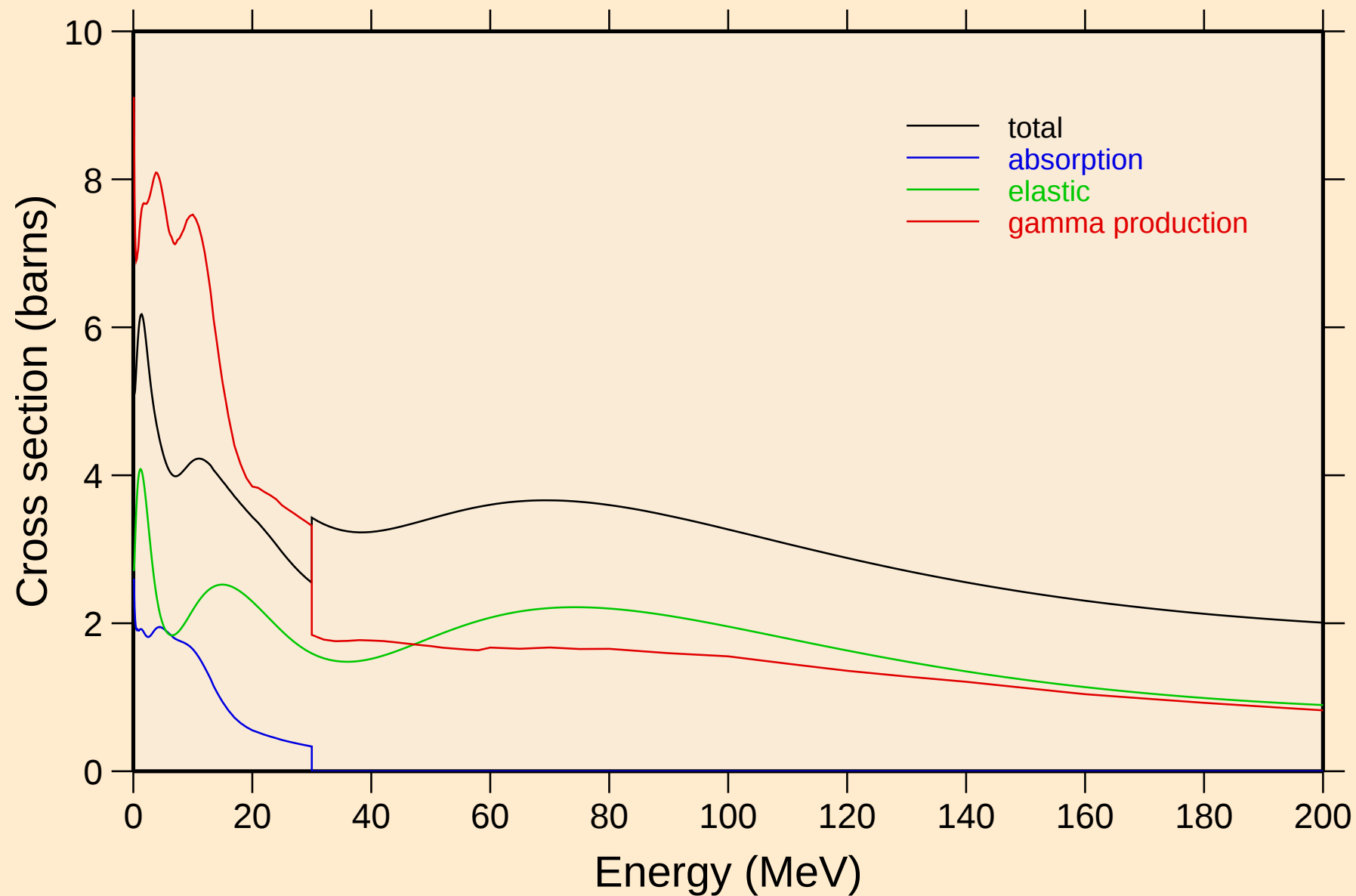


LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



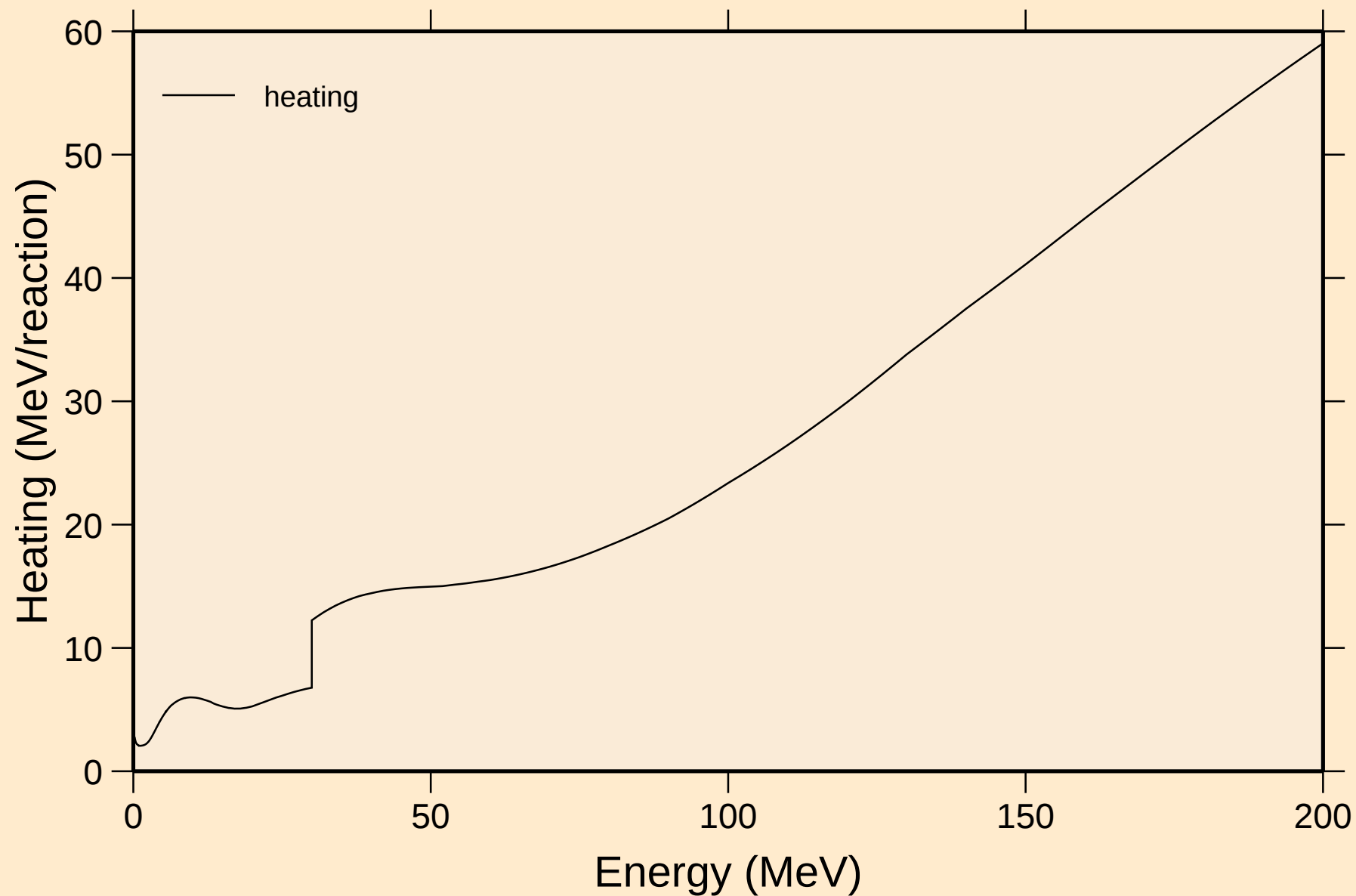
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Principal cross sections



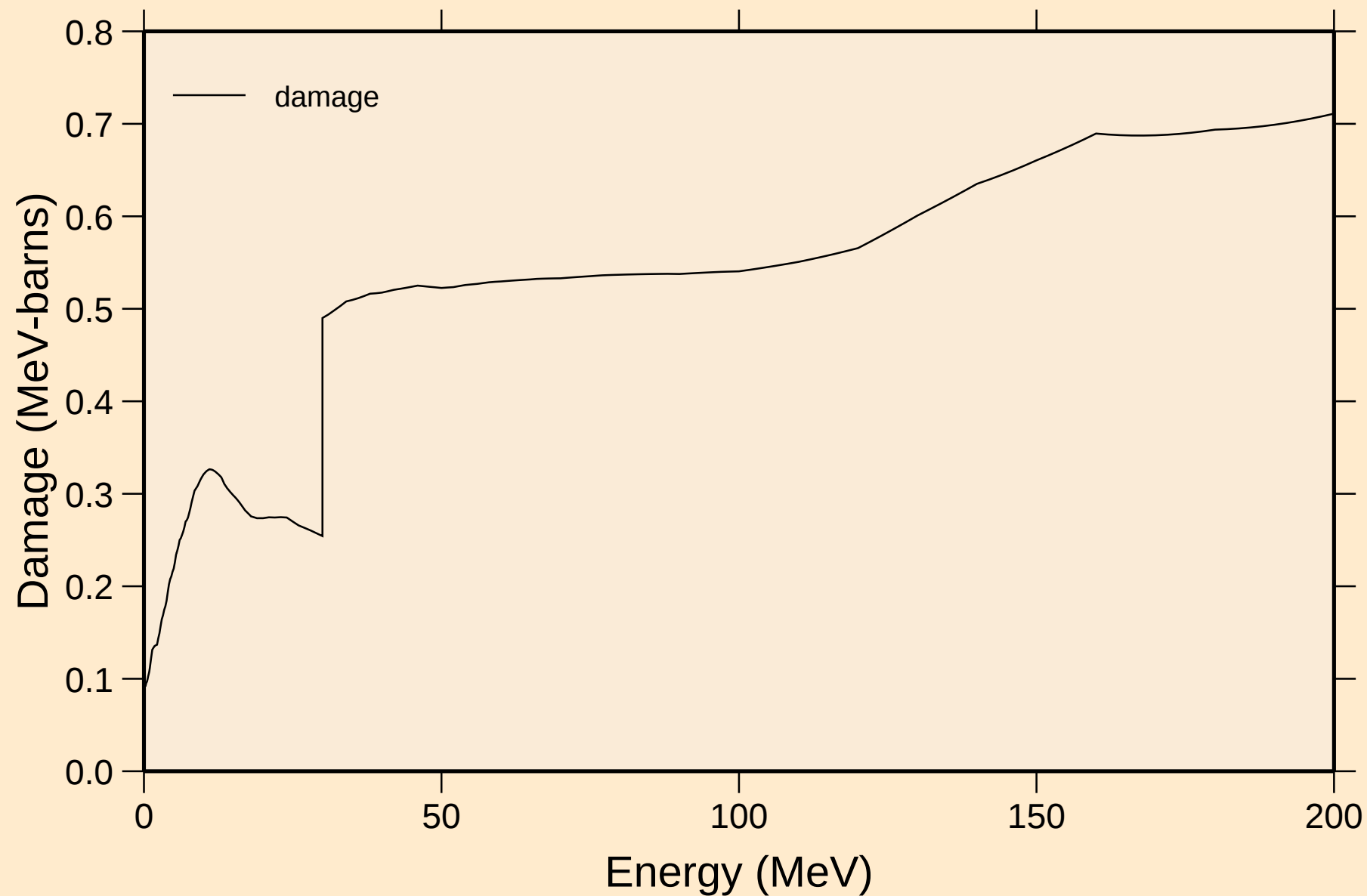
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Heating

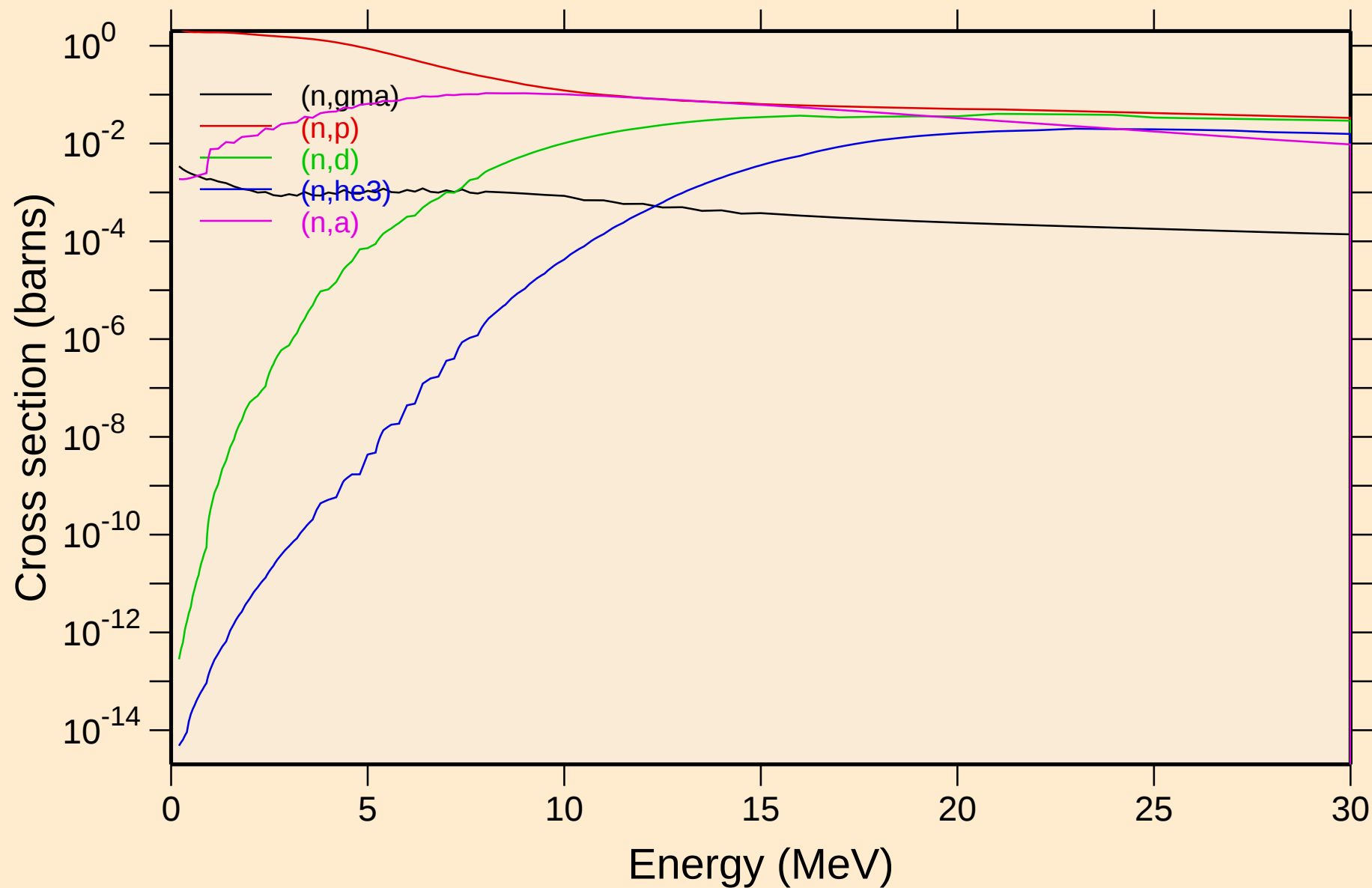


LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

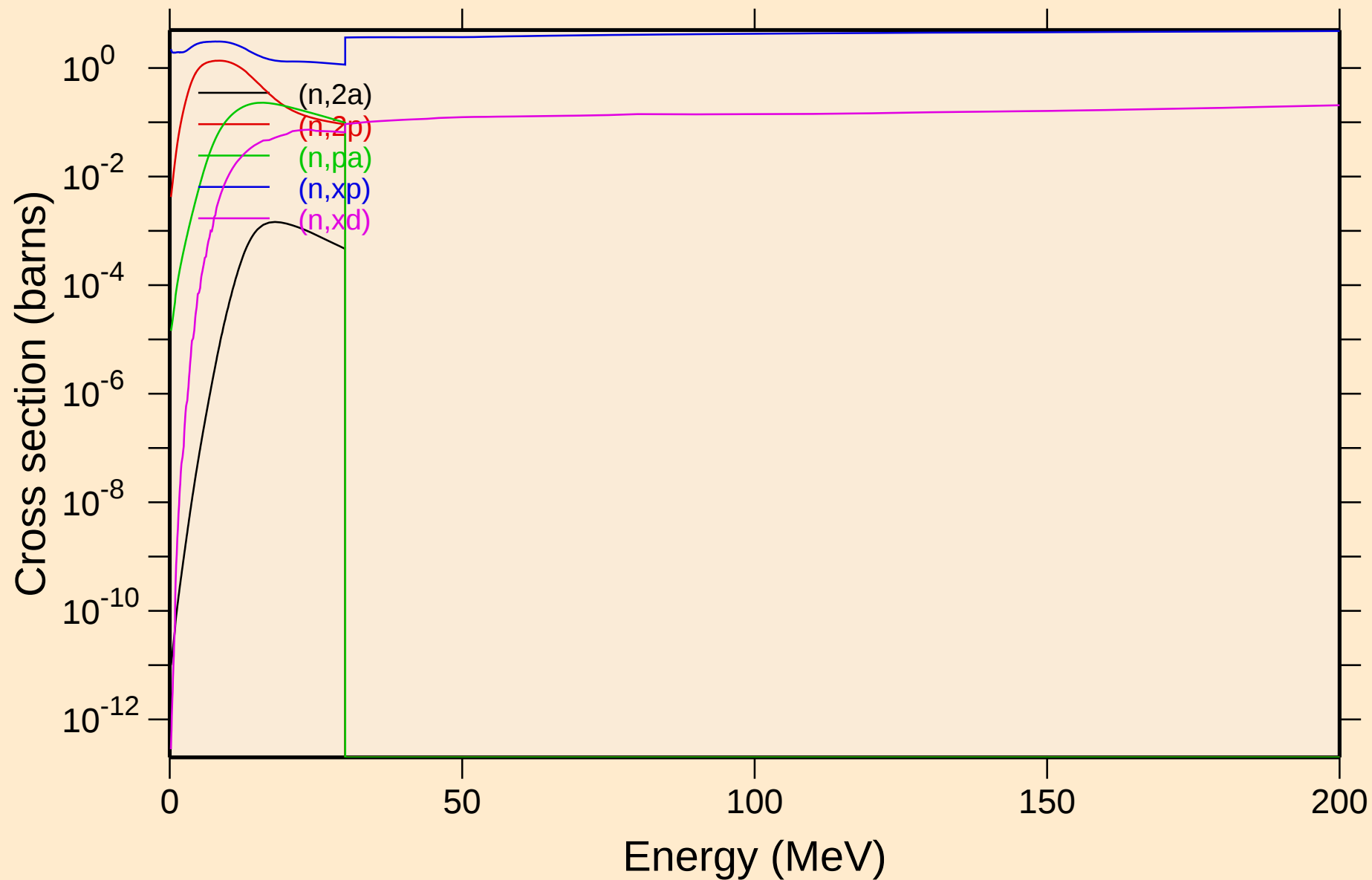
Damage



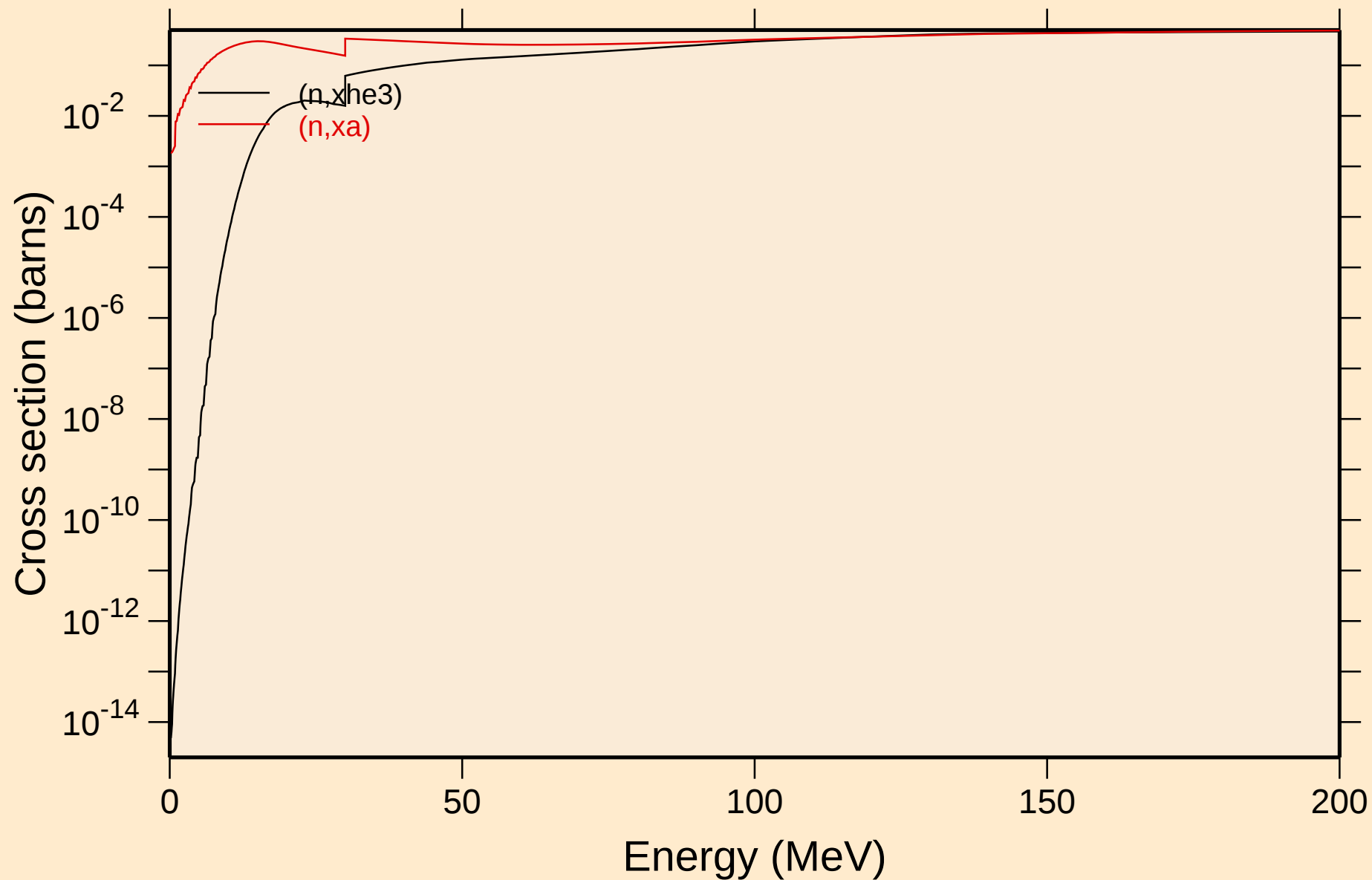
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

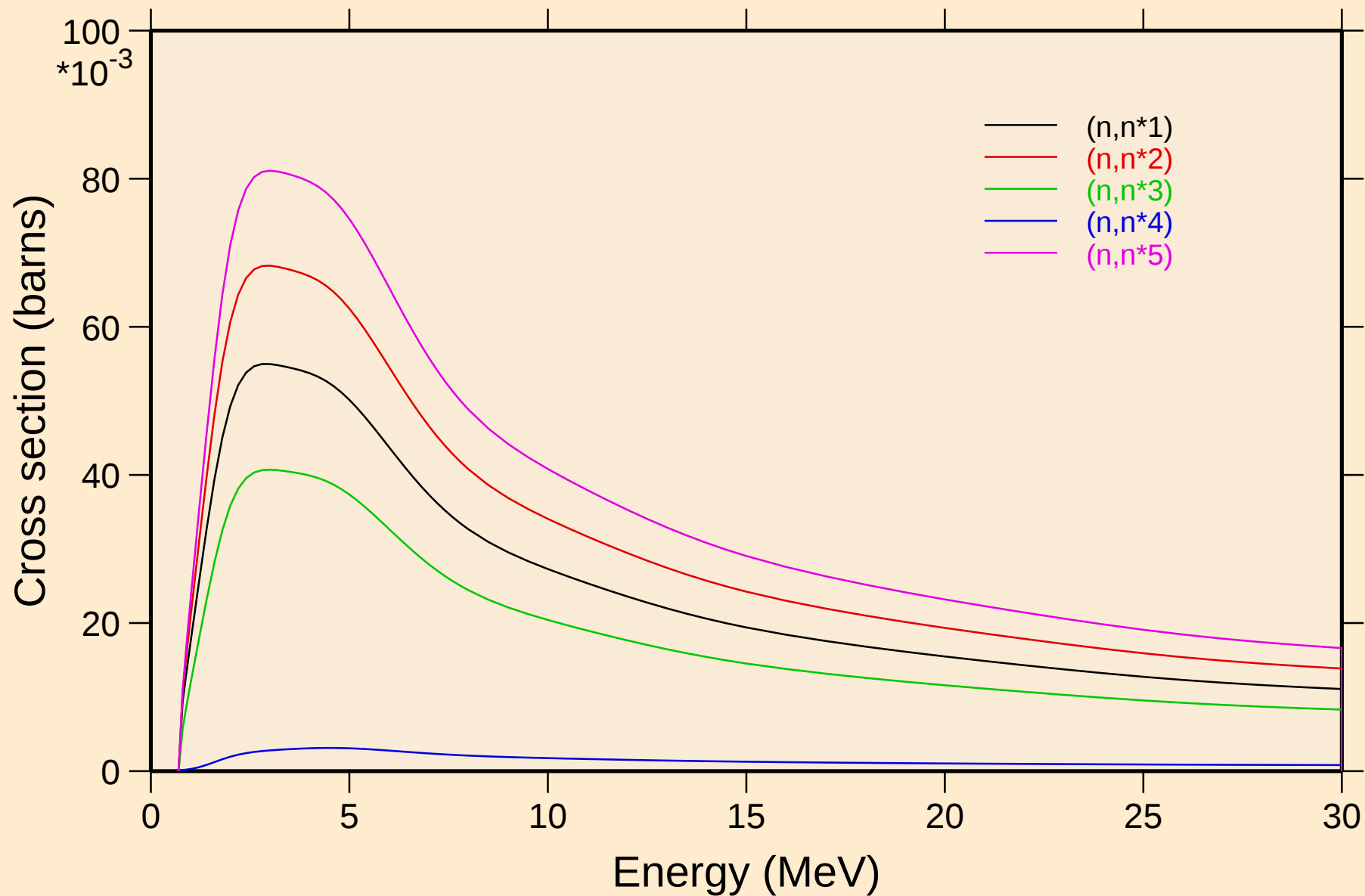


LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



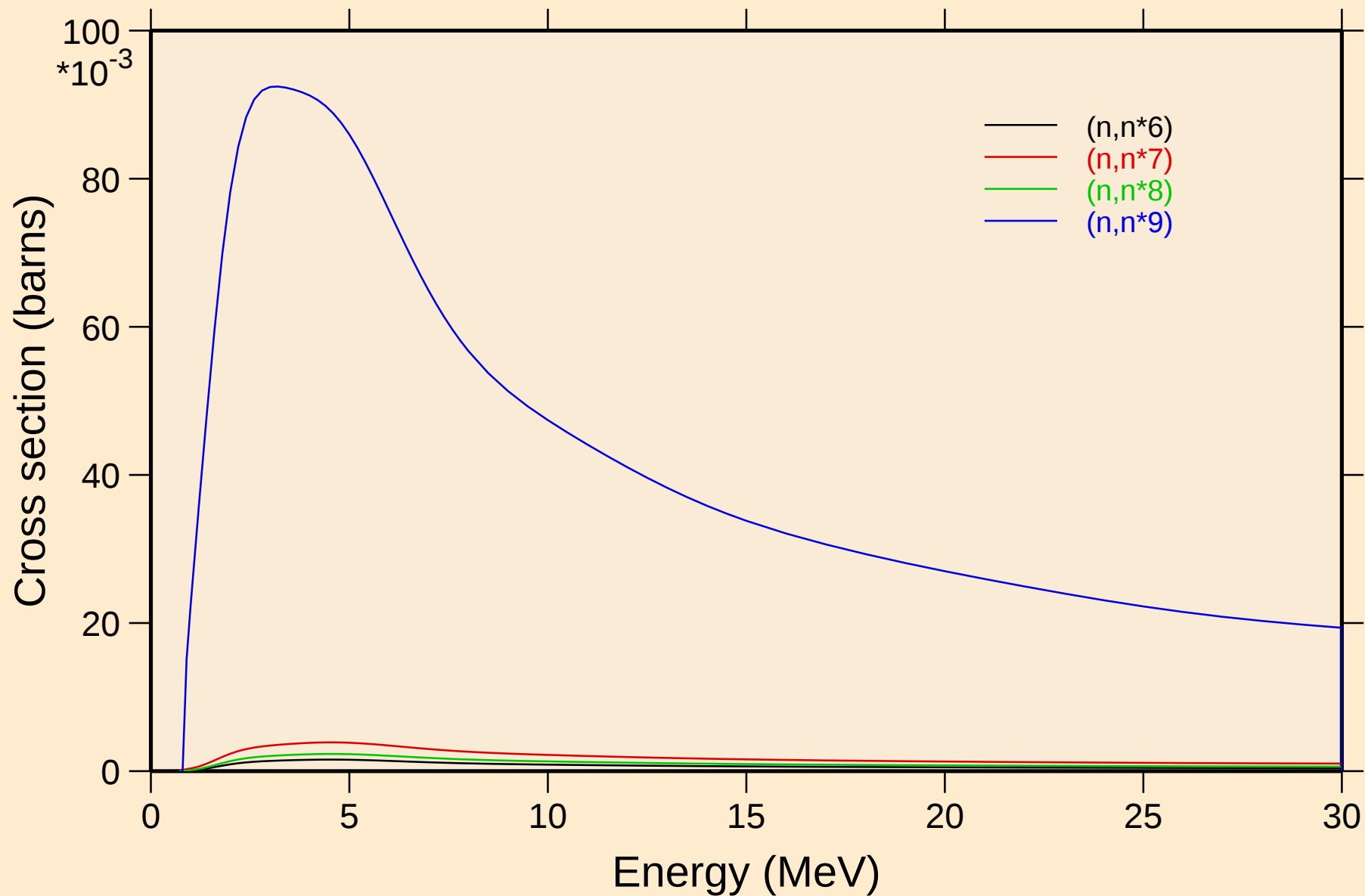
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Inelastic levels



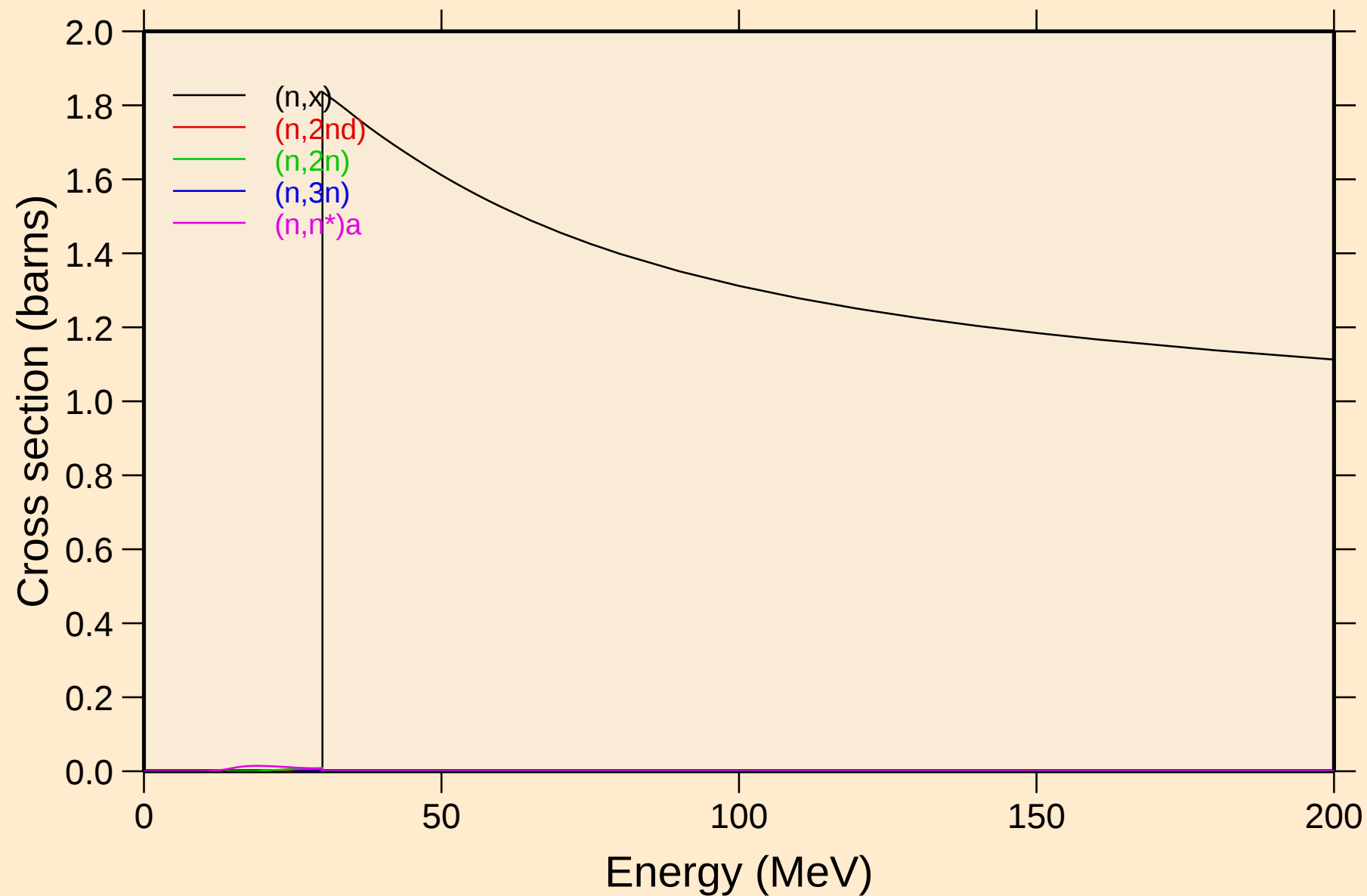
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

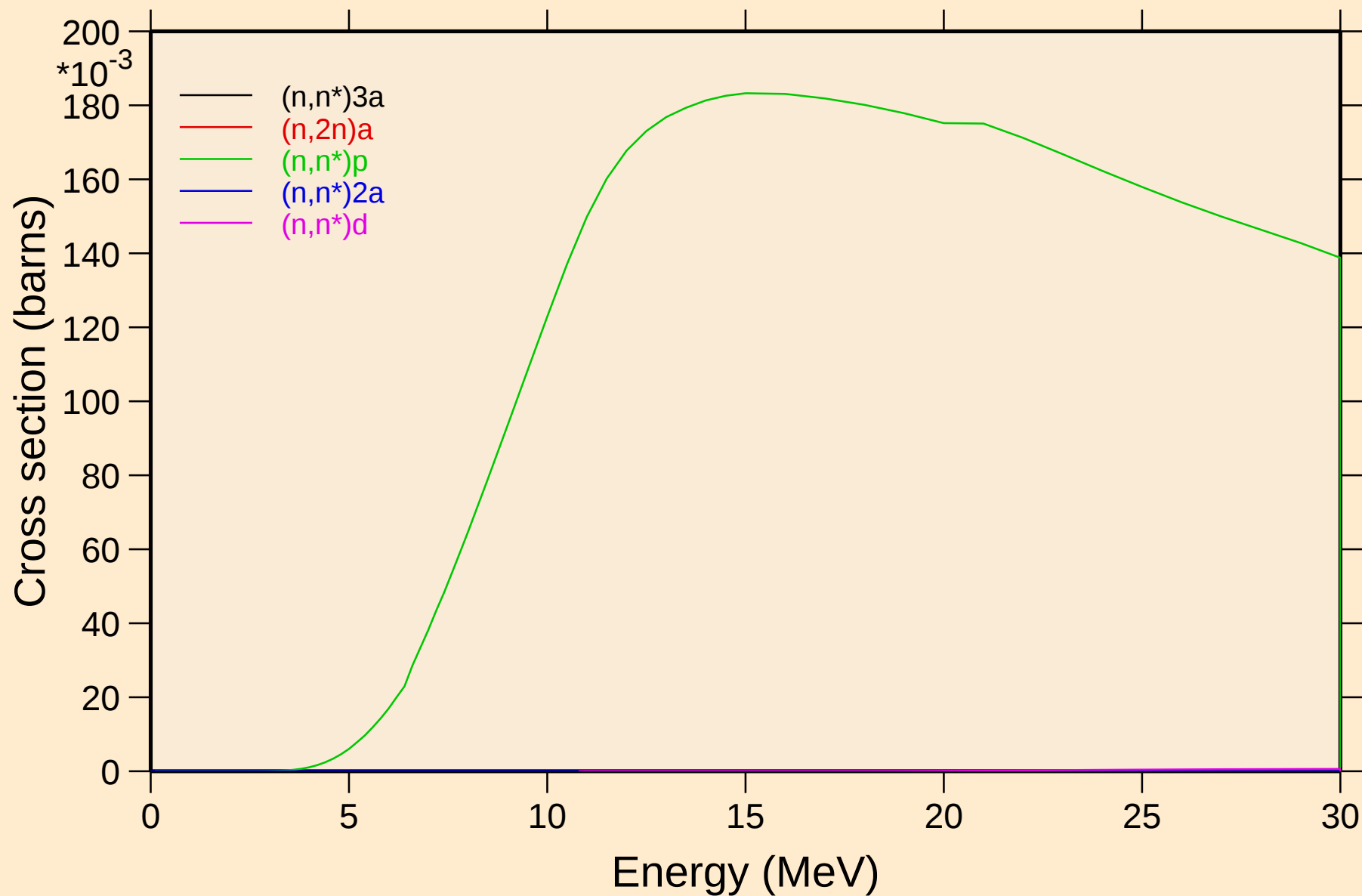


LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

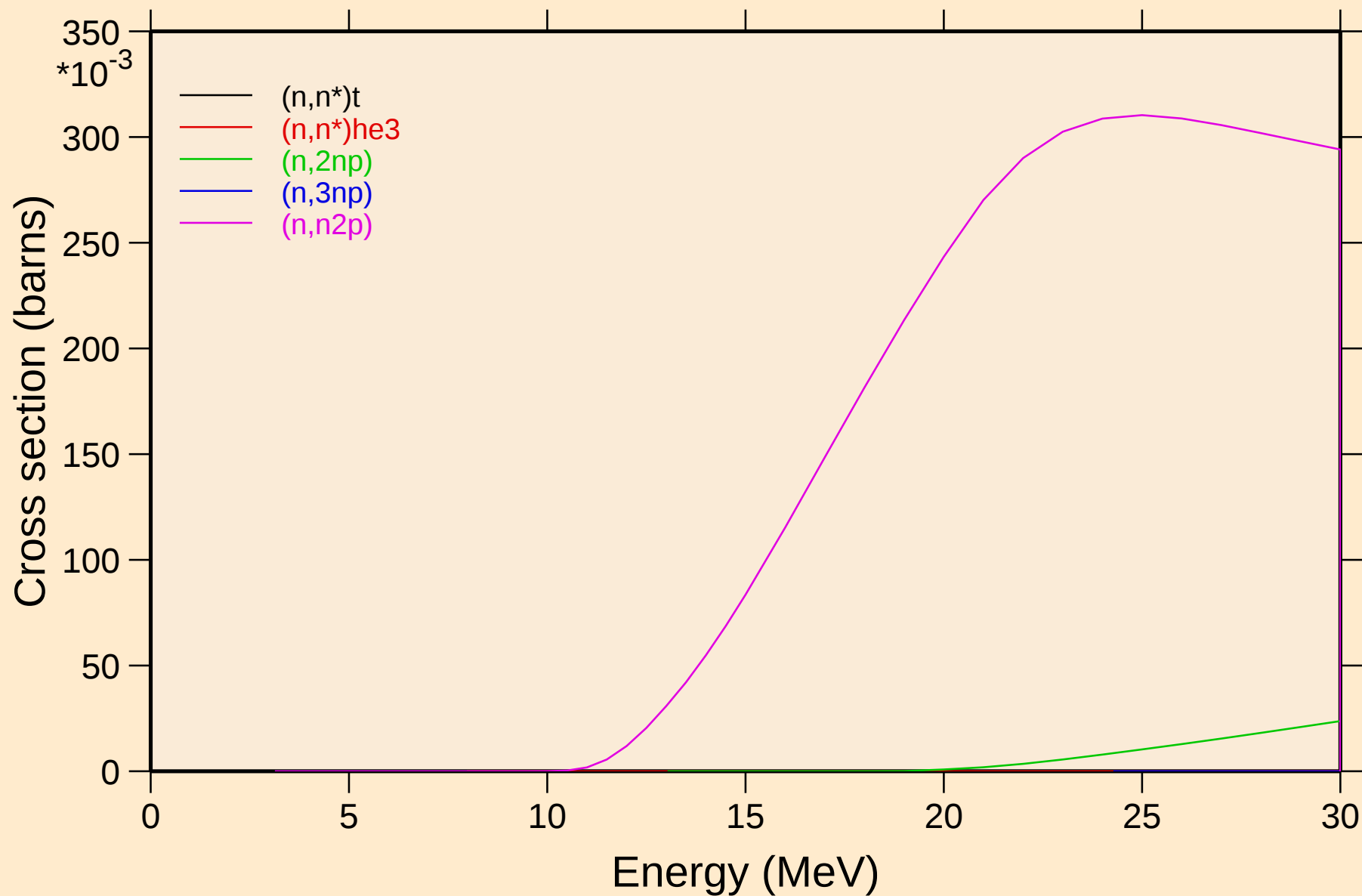
Threshold reactions



LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

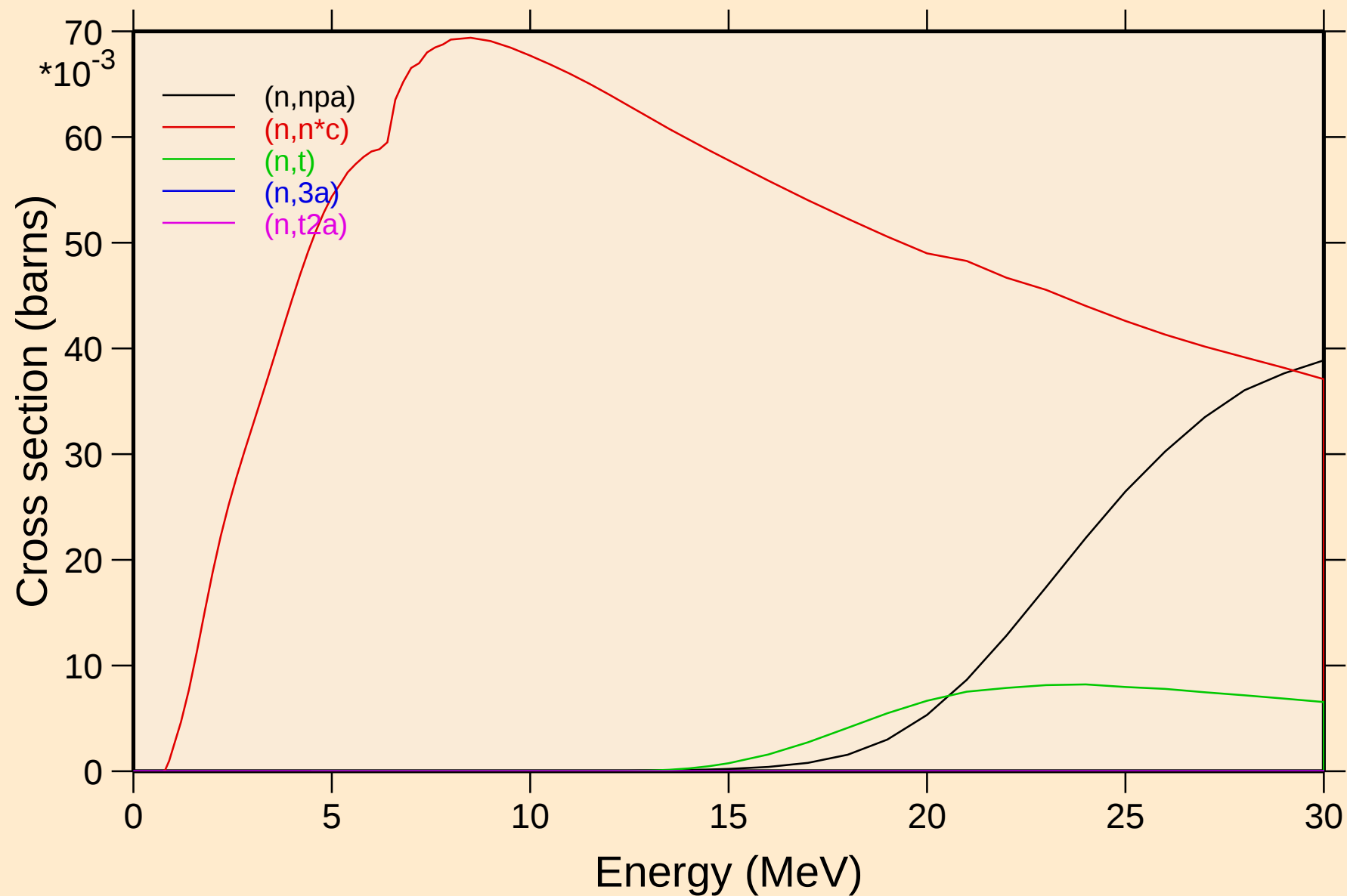


LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



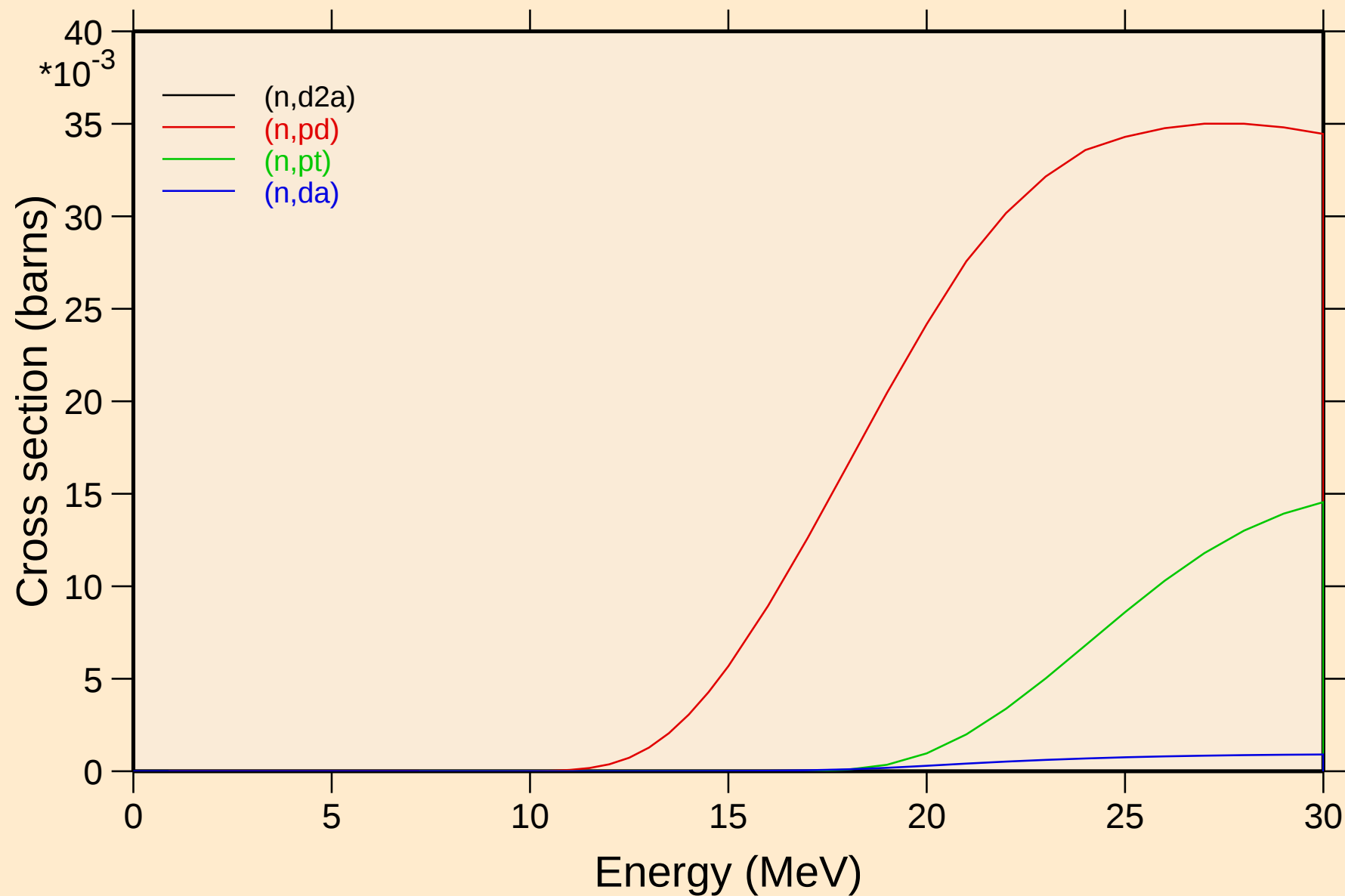
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions



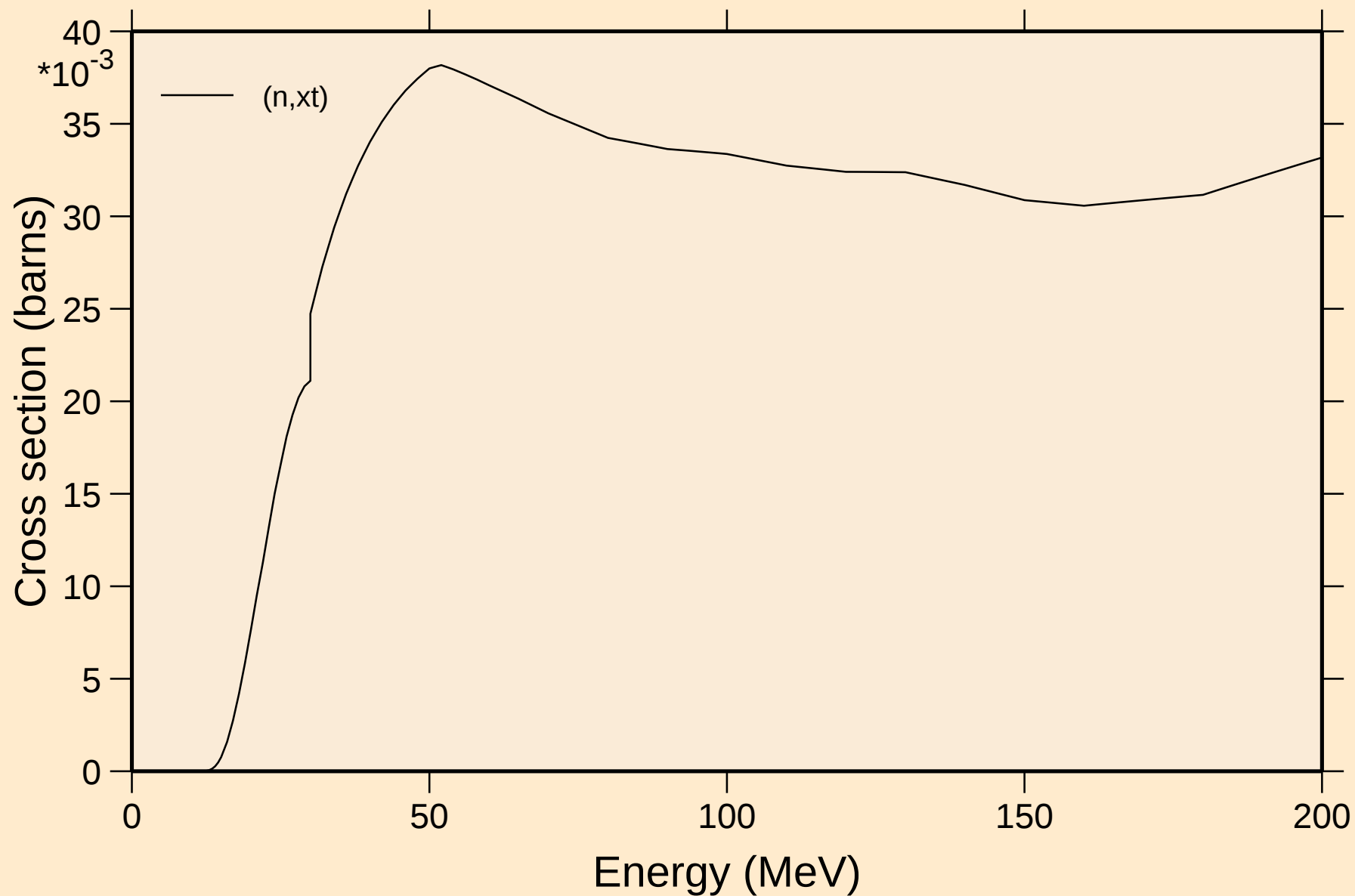
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

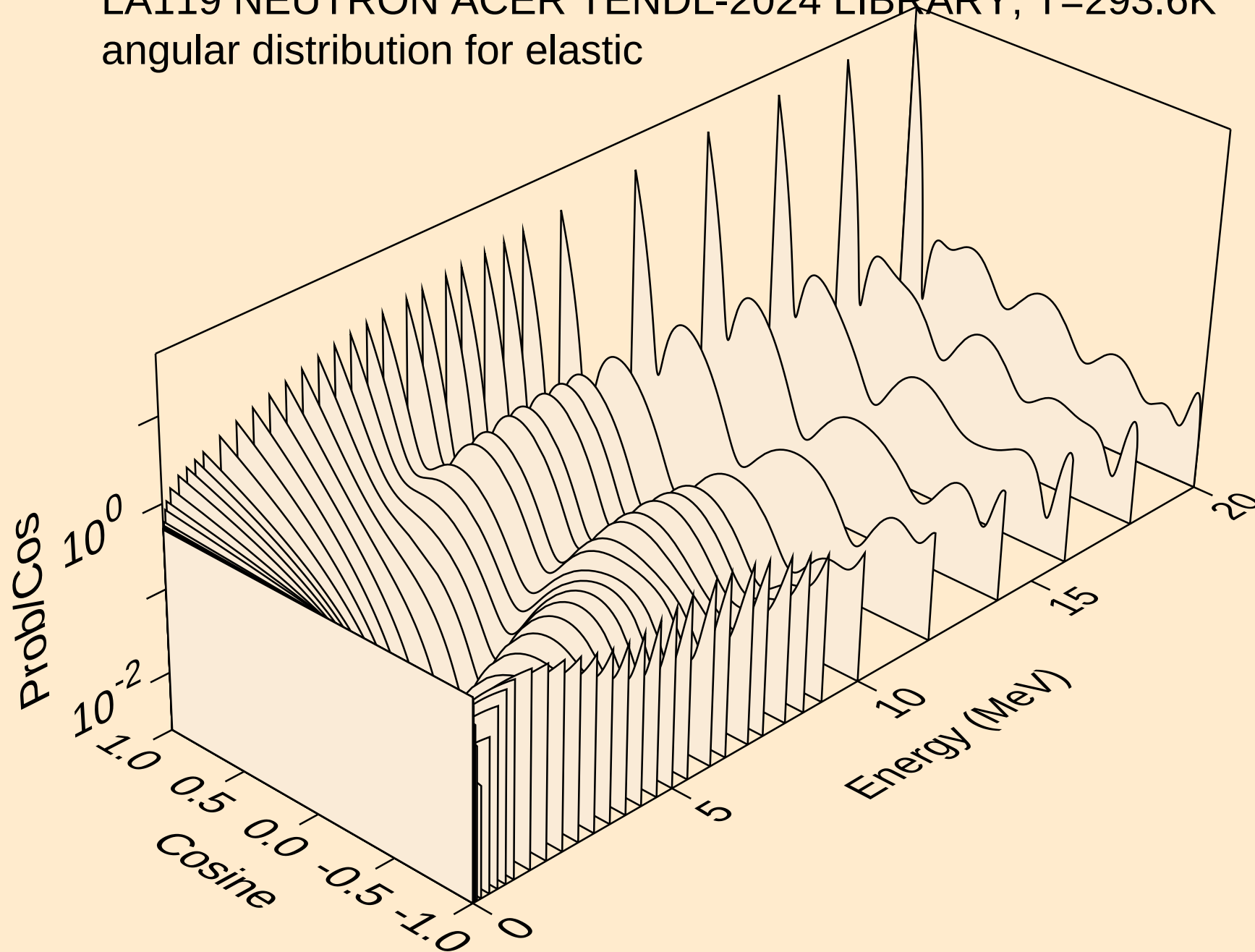


LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

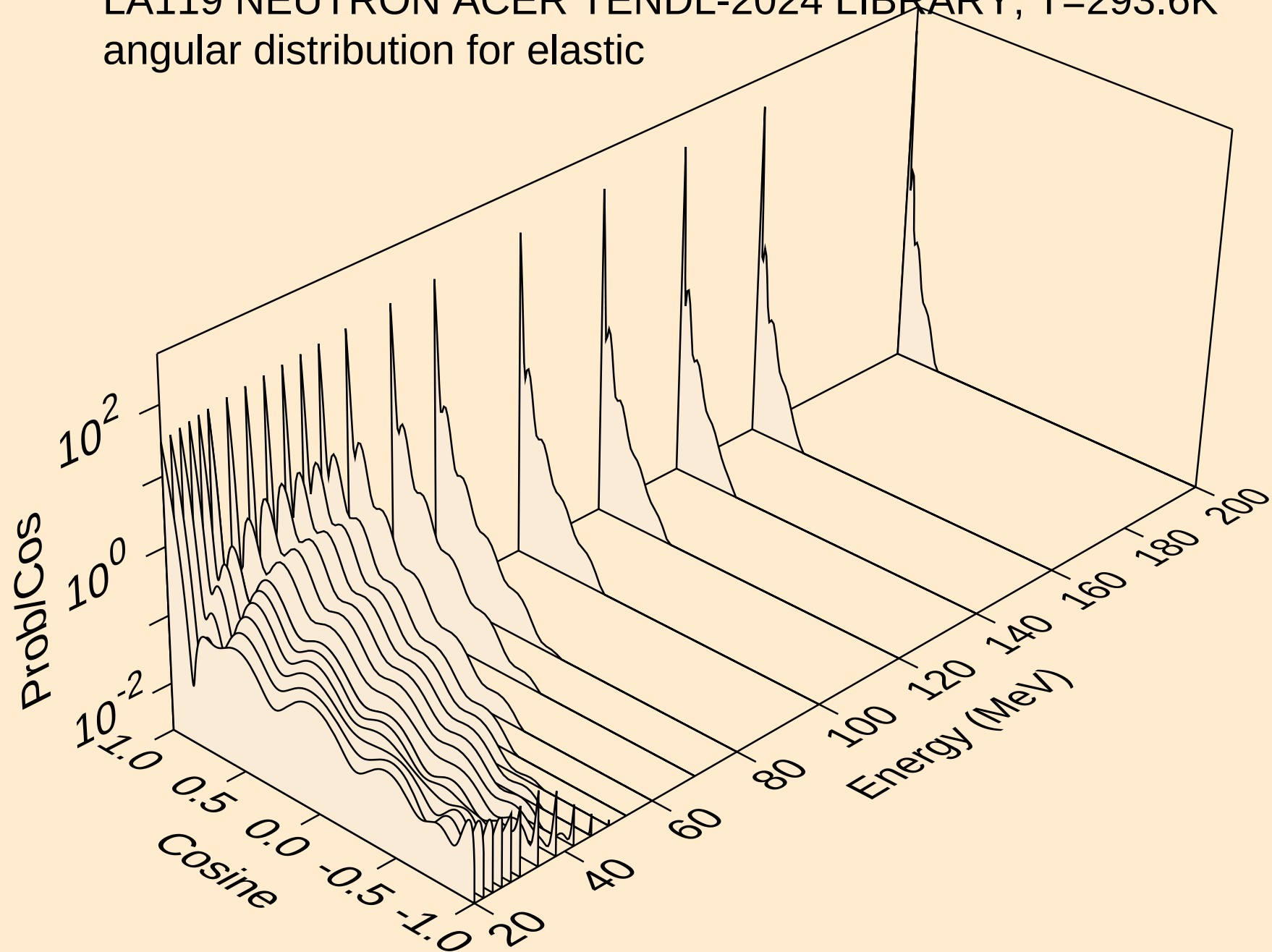
Threshold reactions



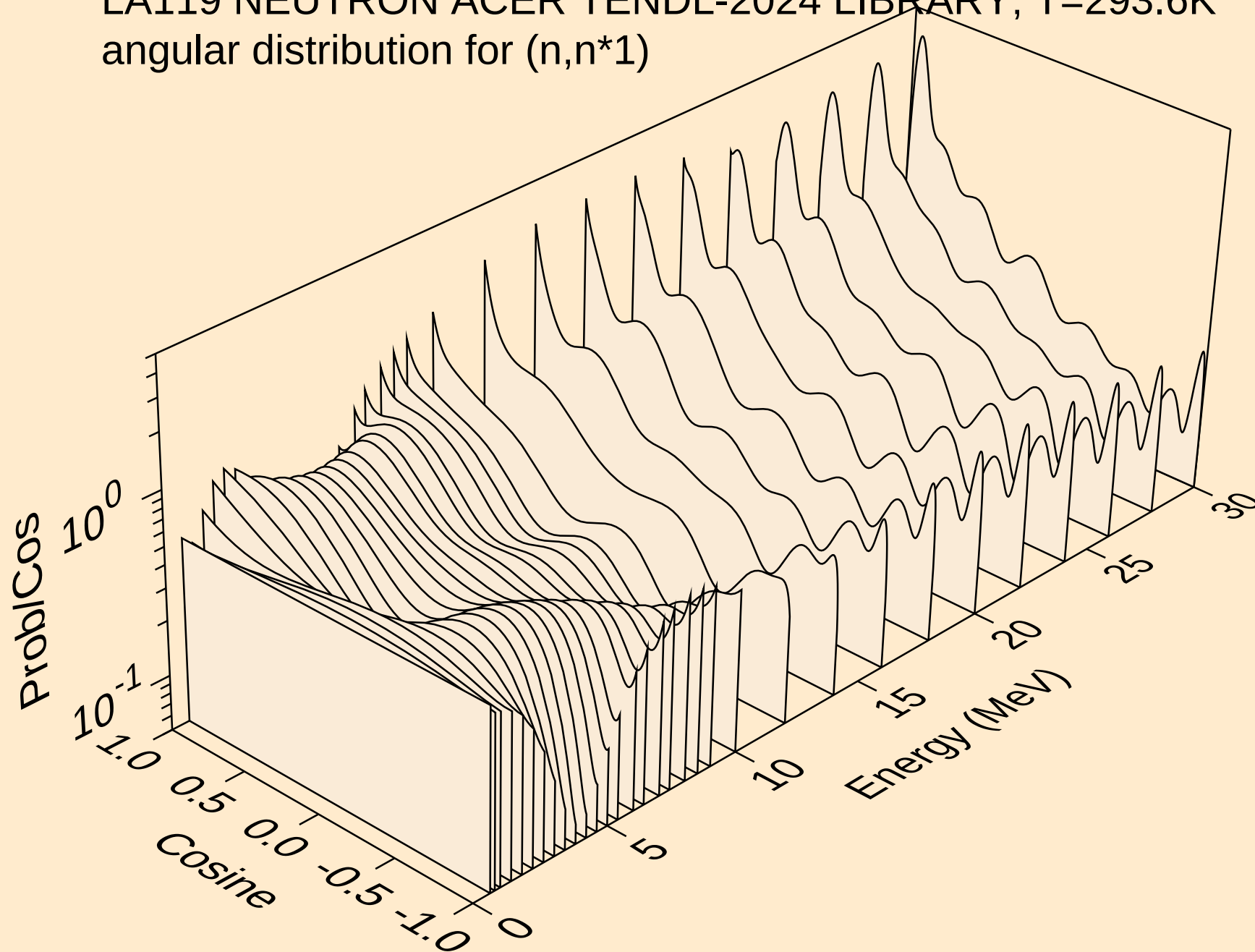
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



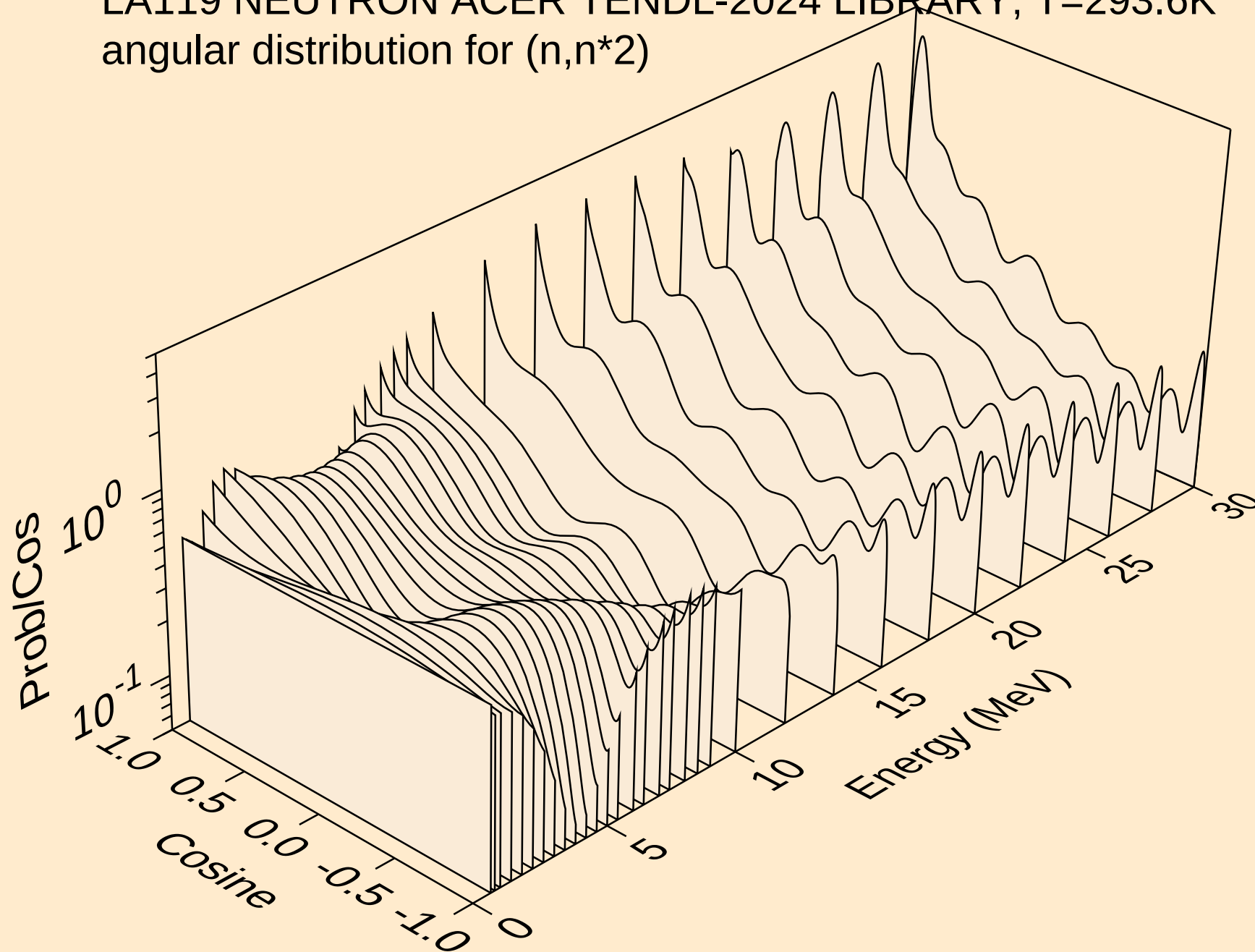
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angular distribution for elastic



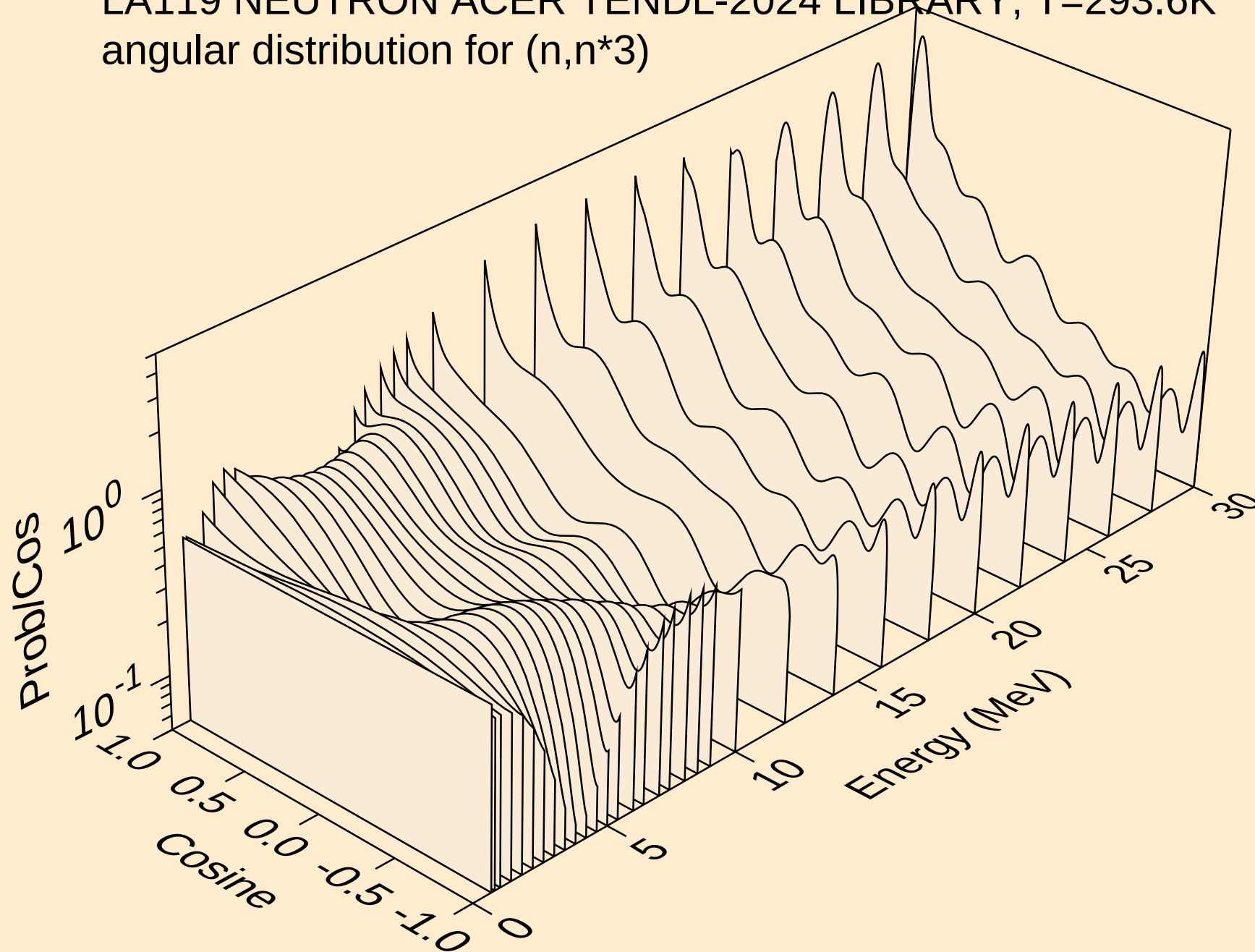
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



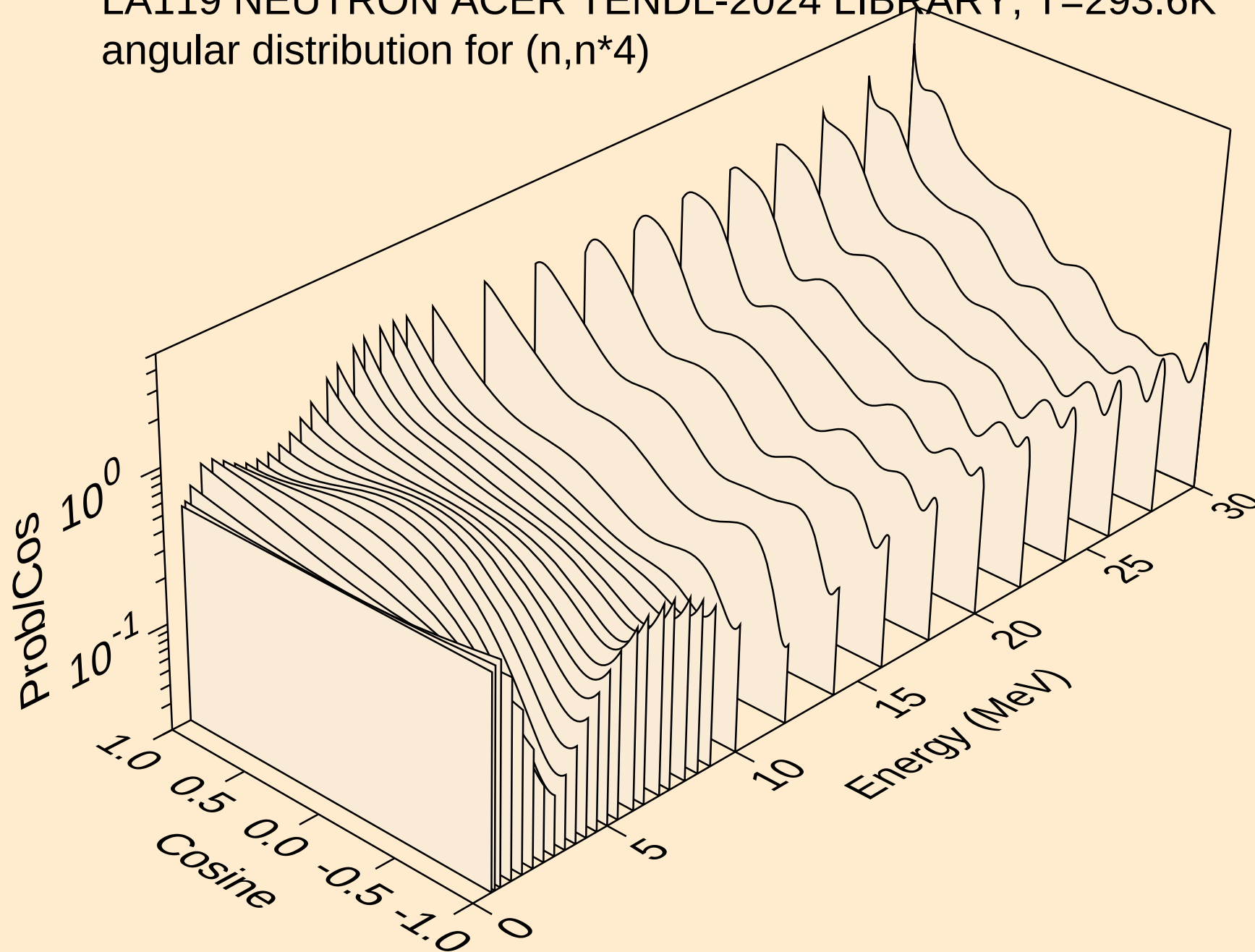
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



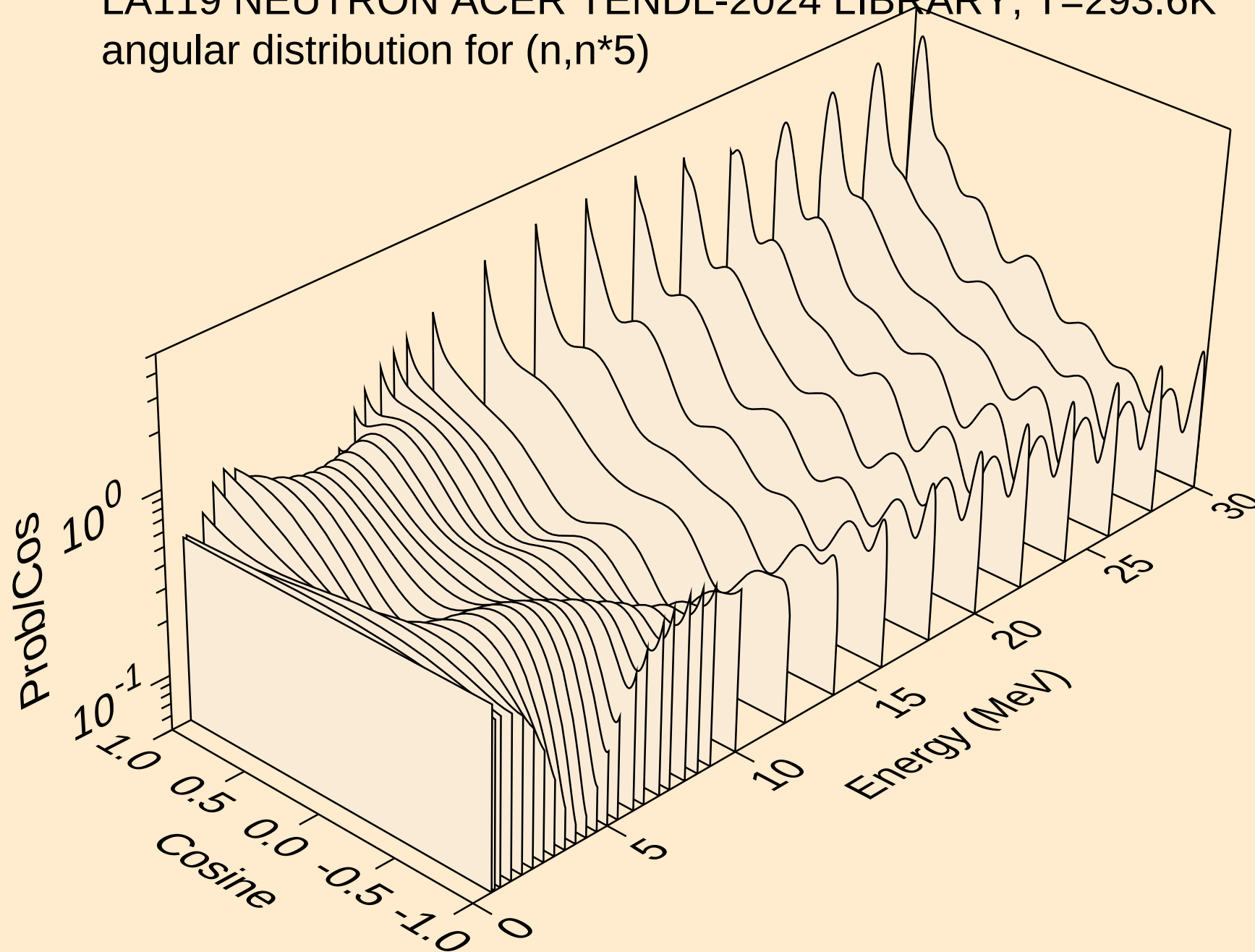
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



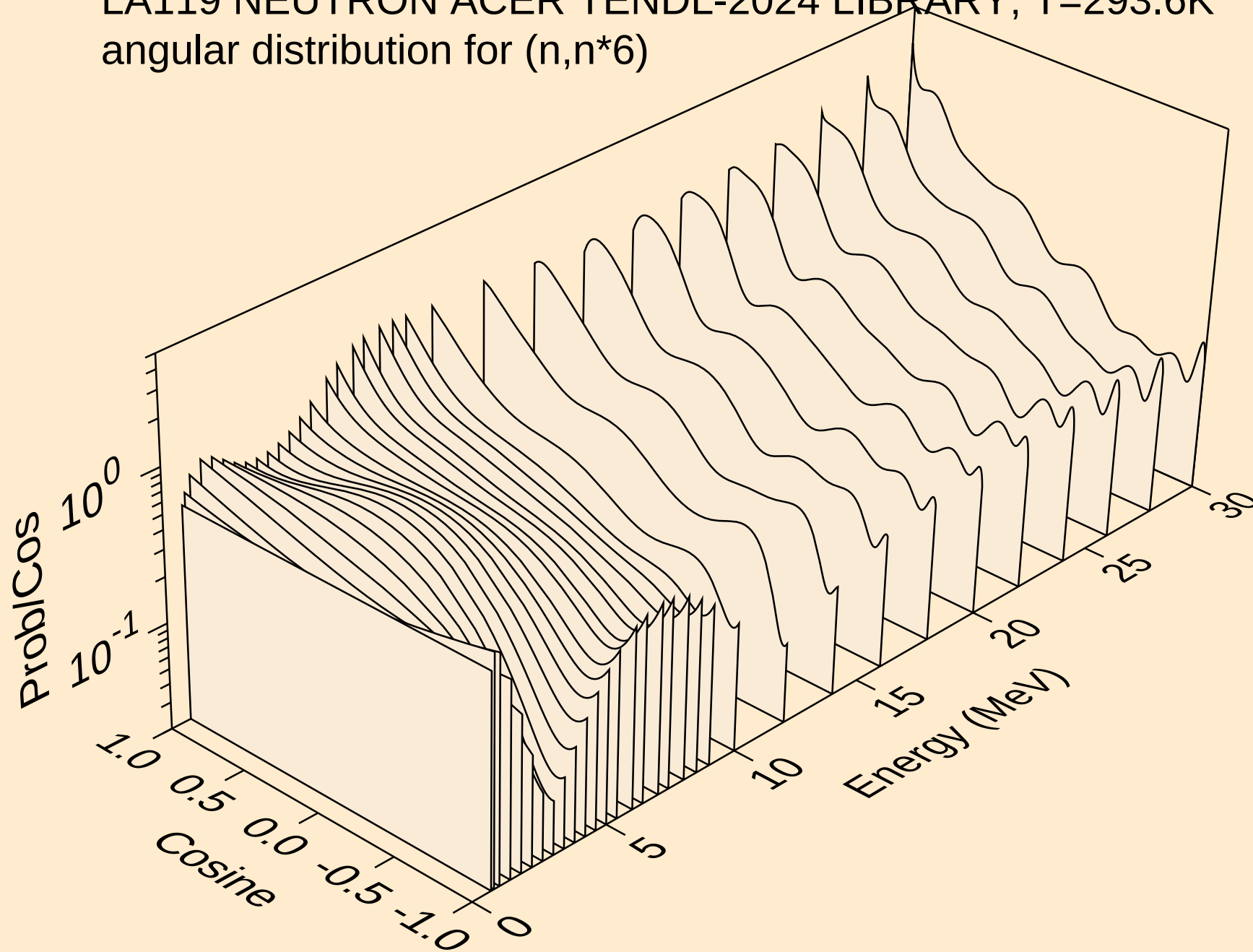
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angular distribution for (n,n*4)



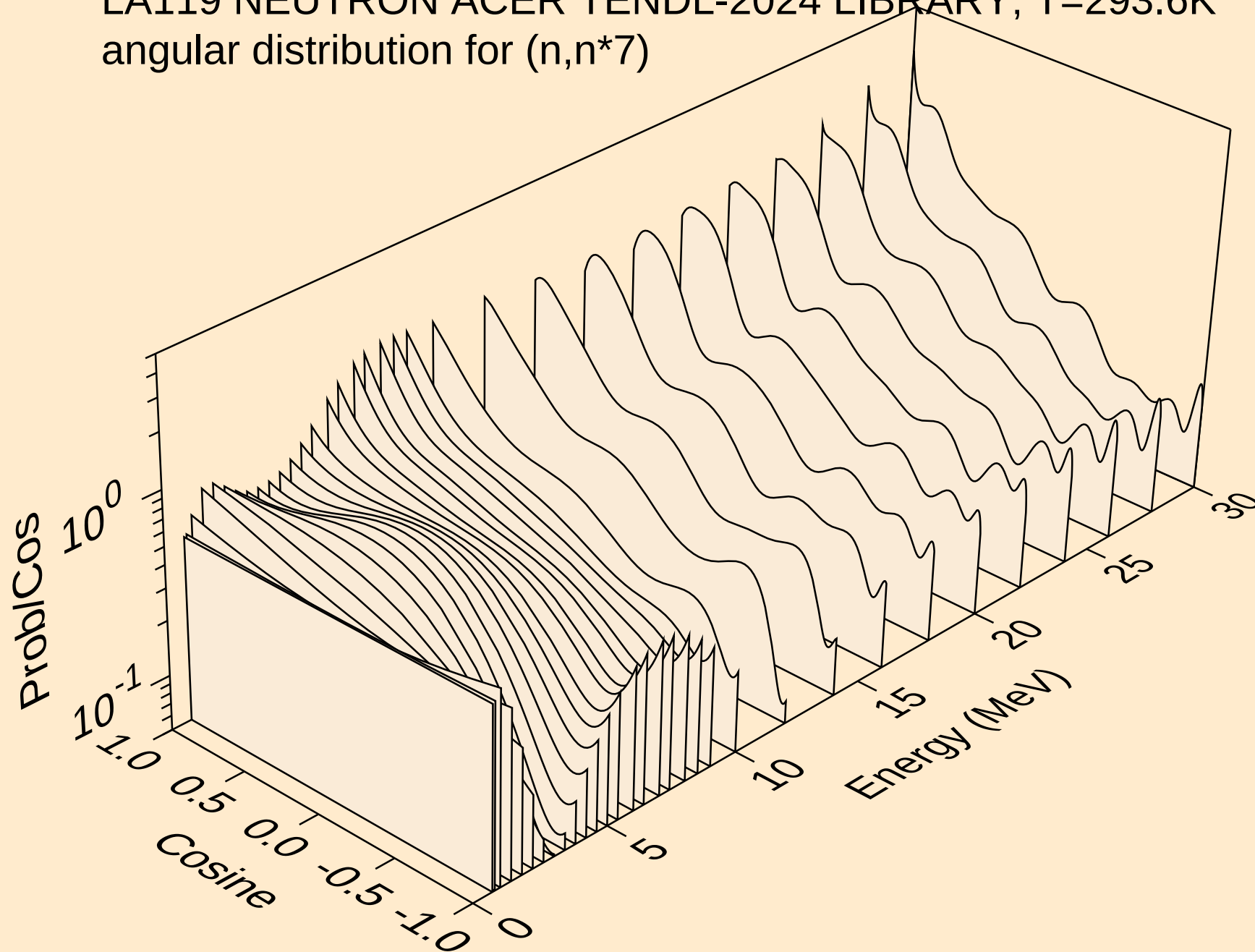
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



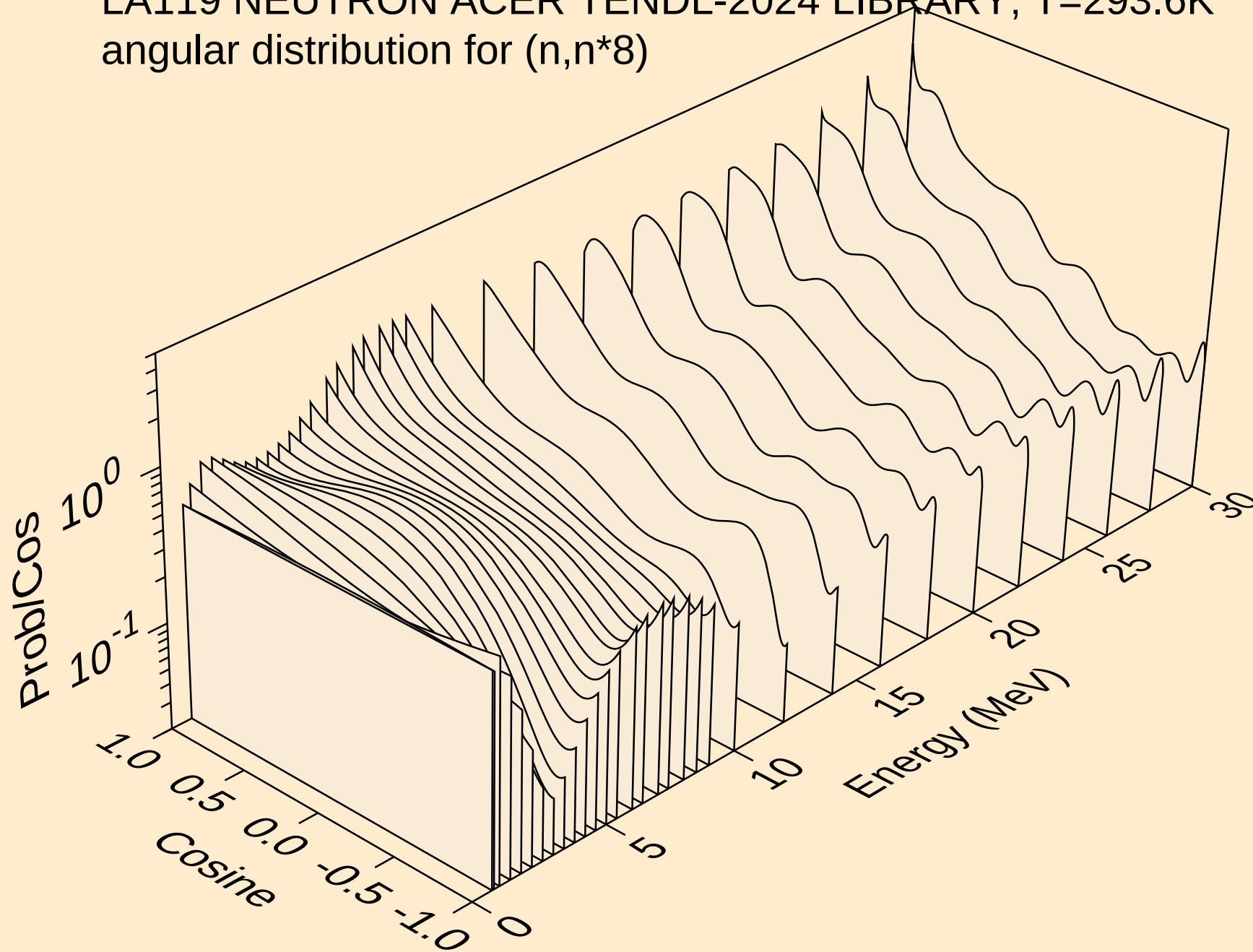
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angular distribution for (n,n*6)



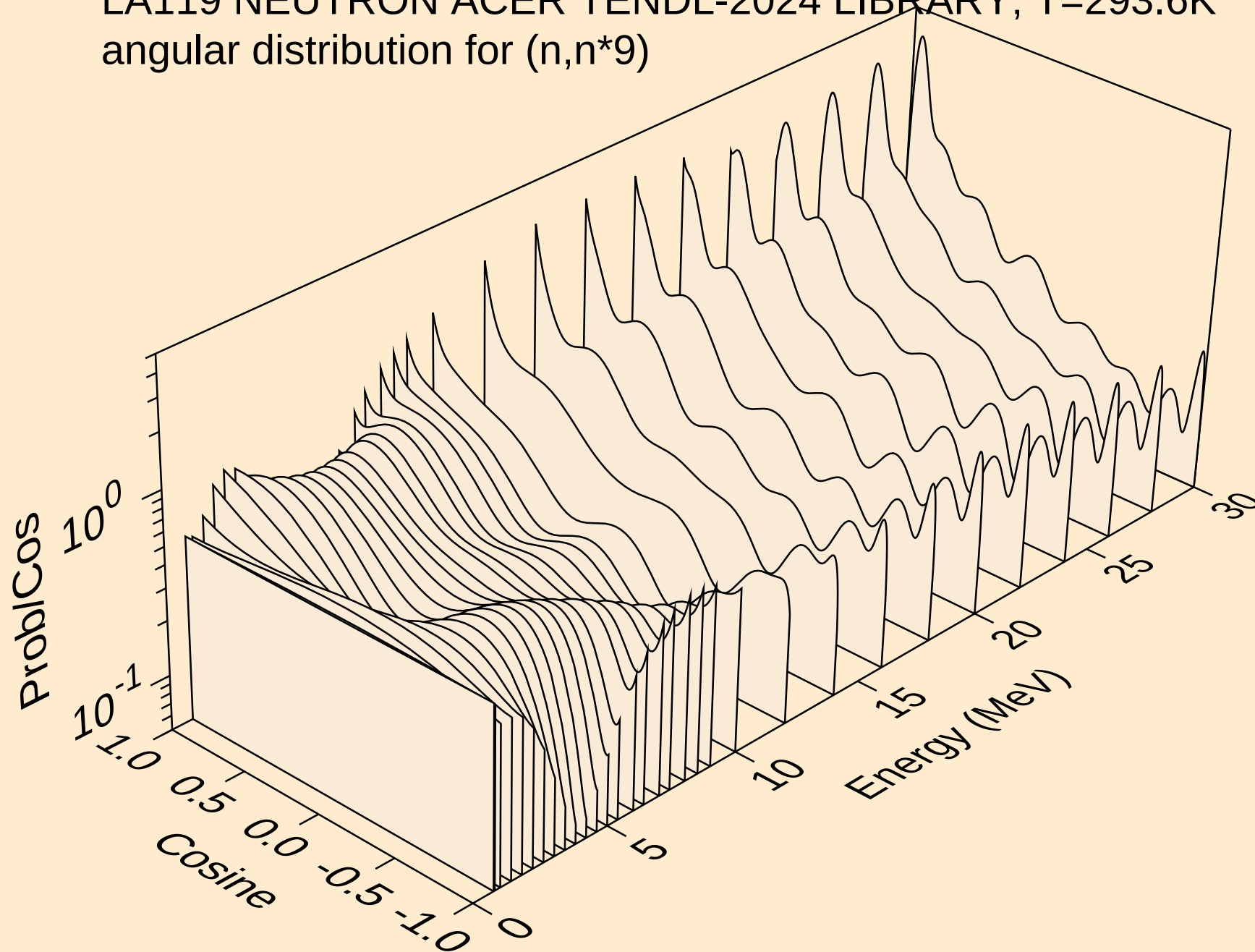
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*7)



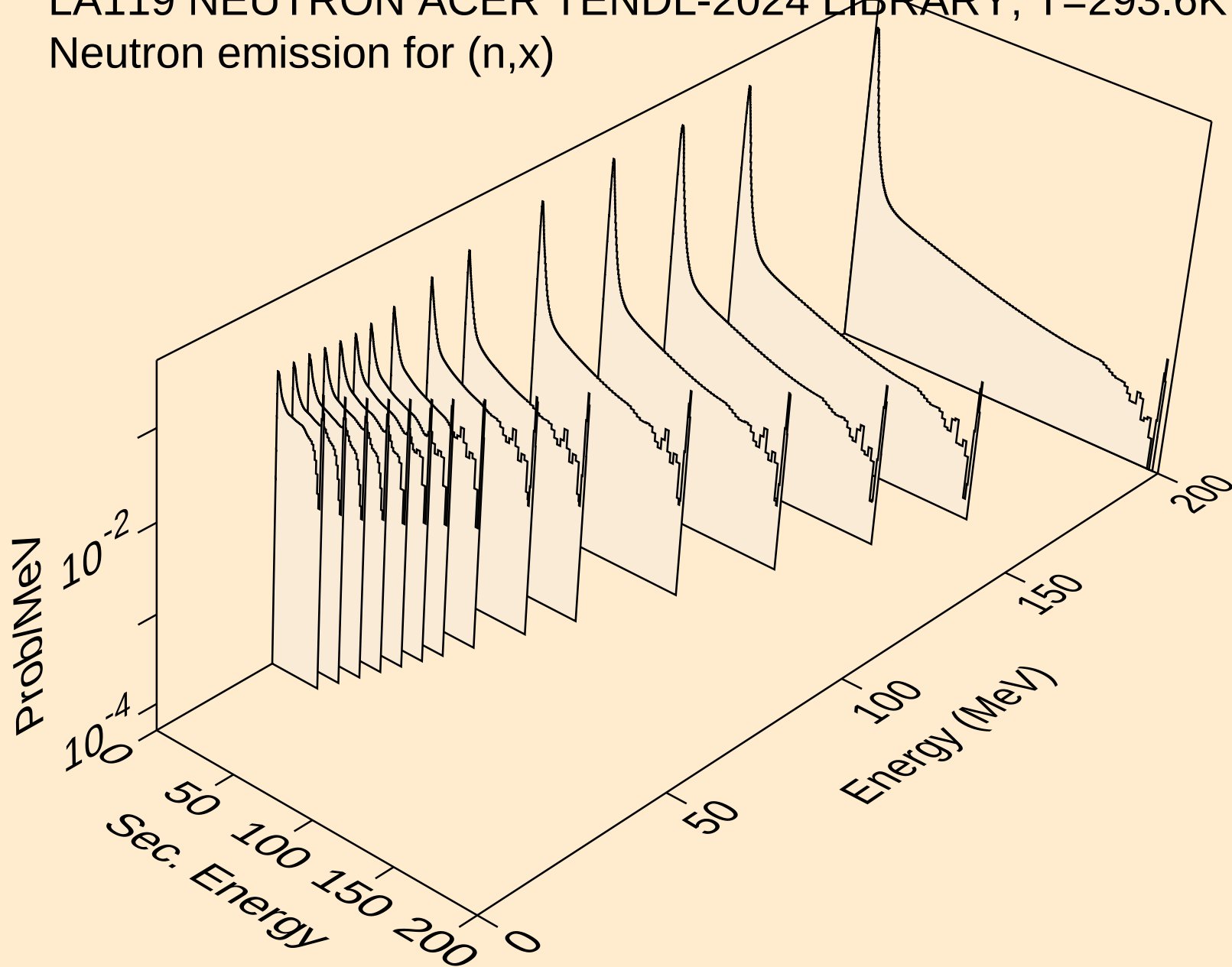
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*8)



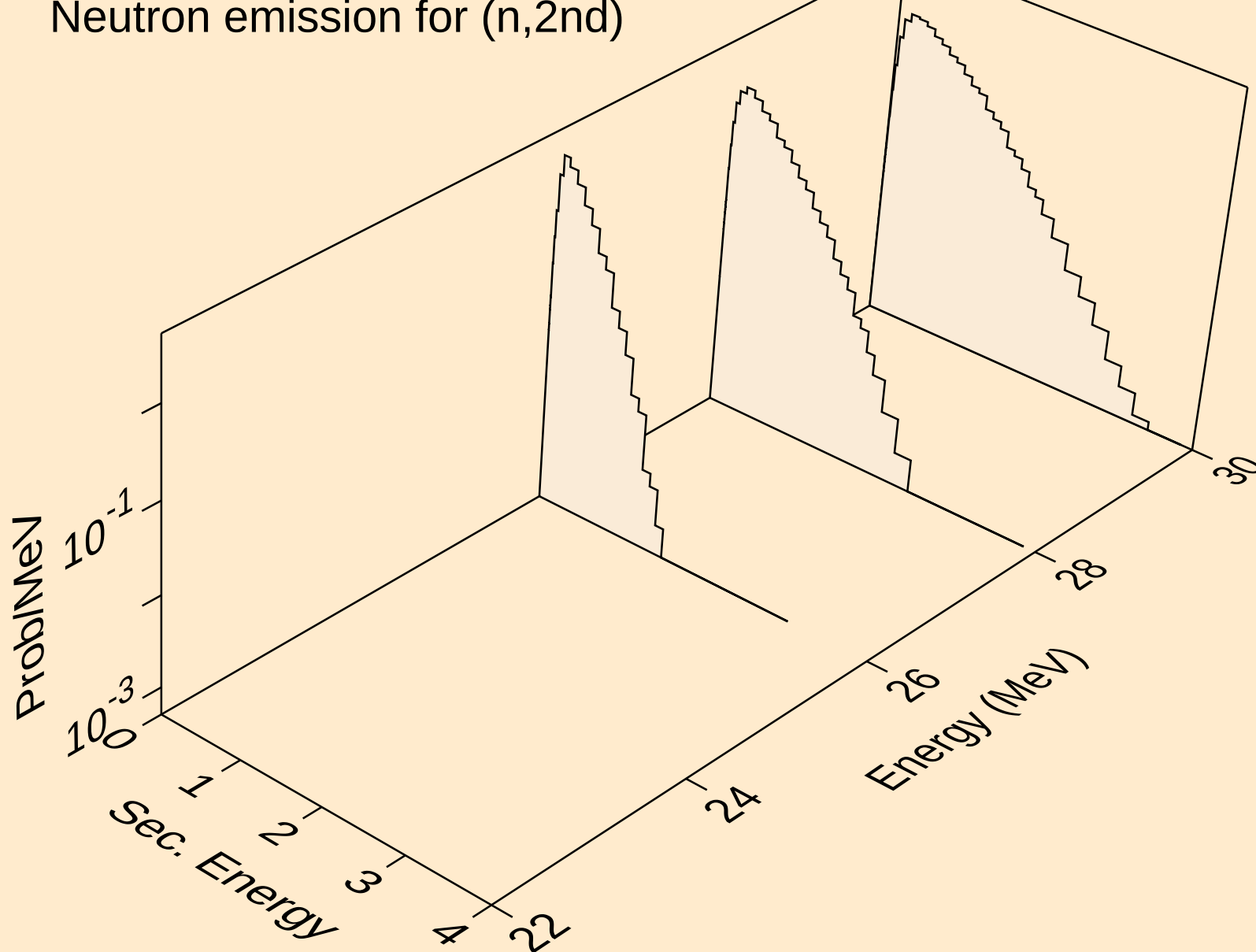
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*9)



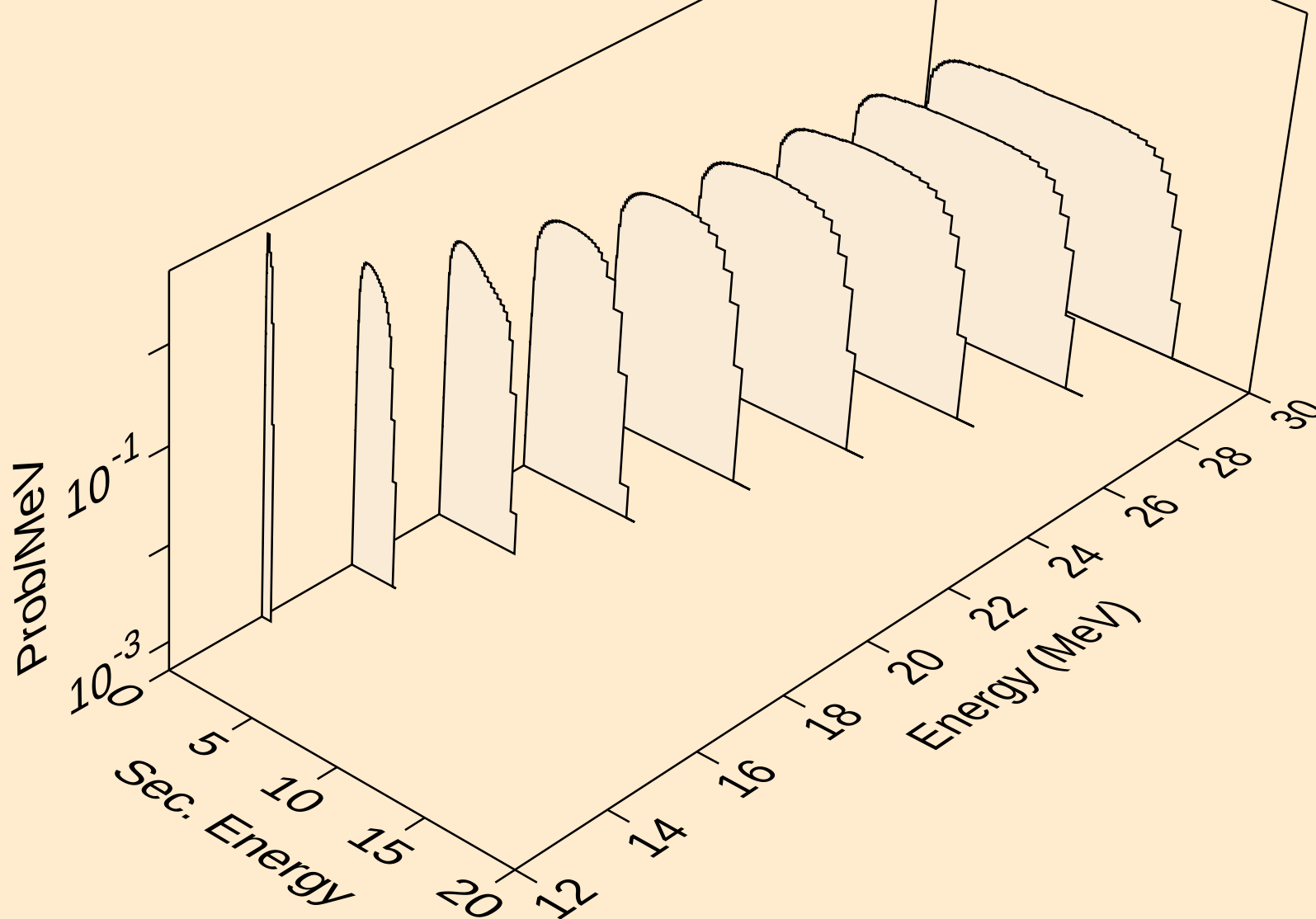
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



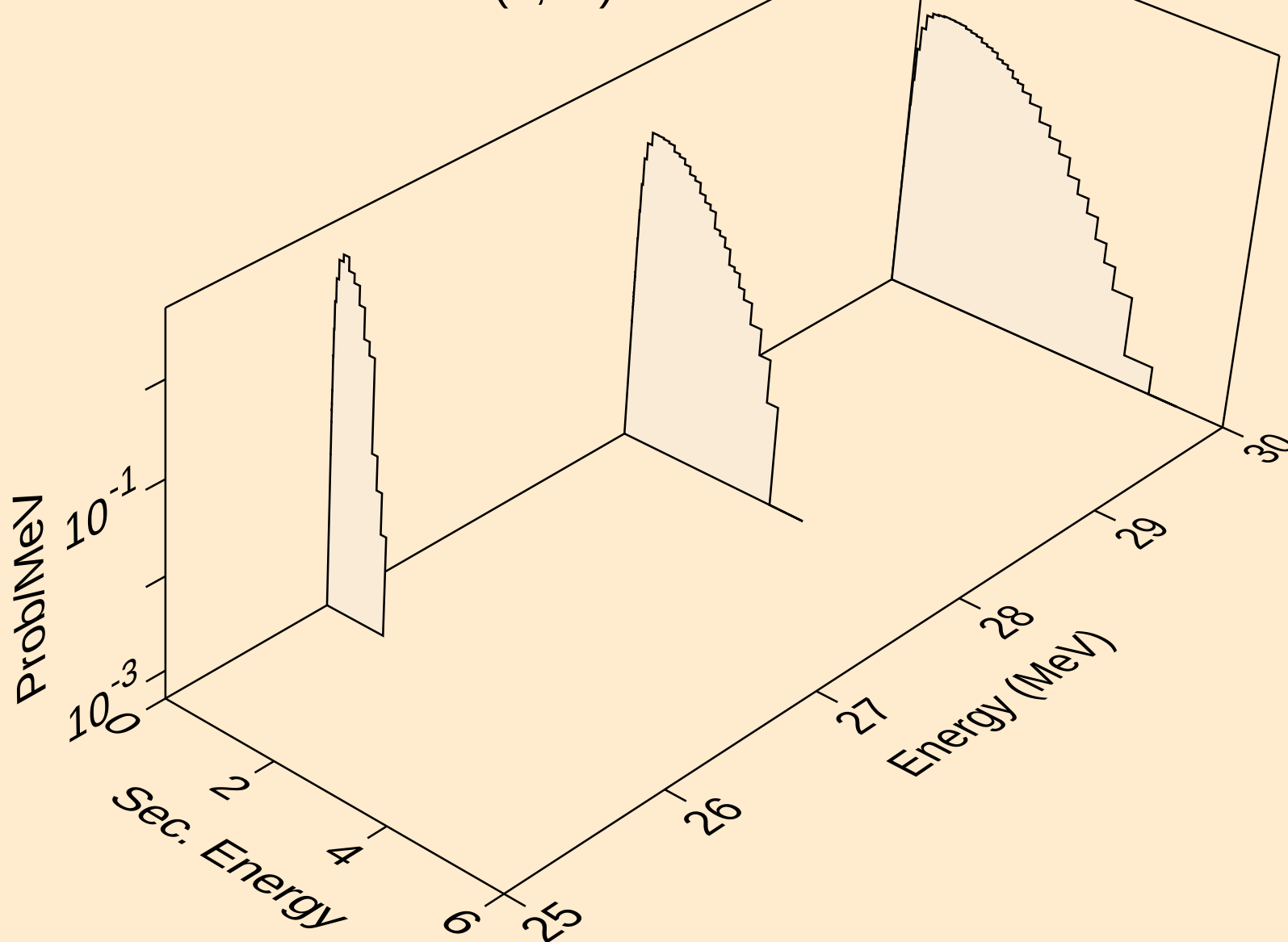
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



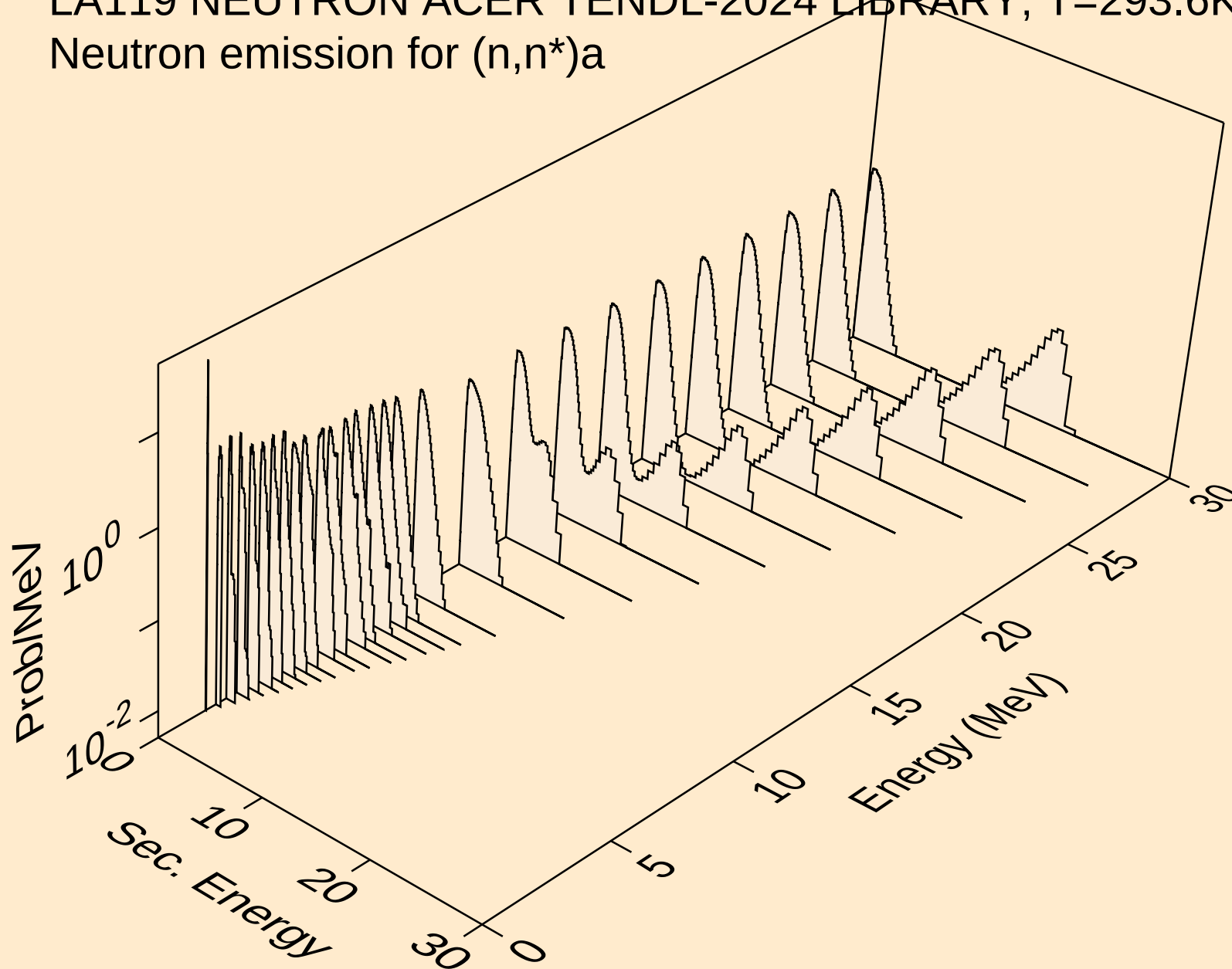
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



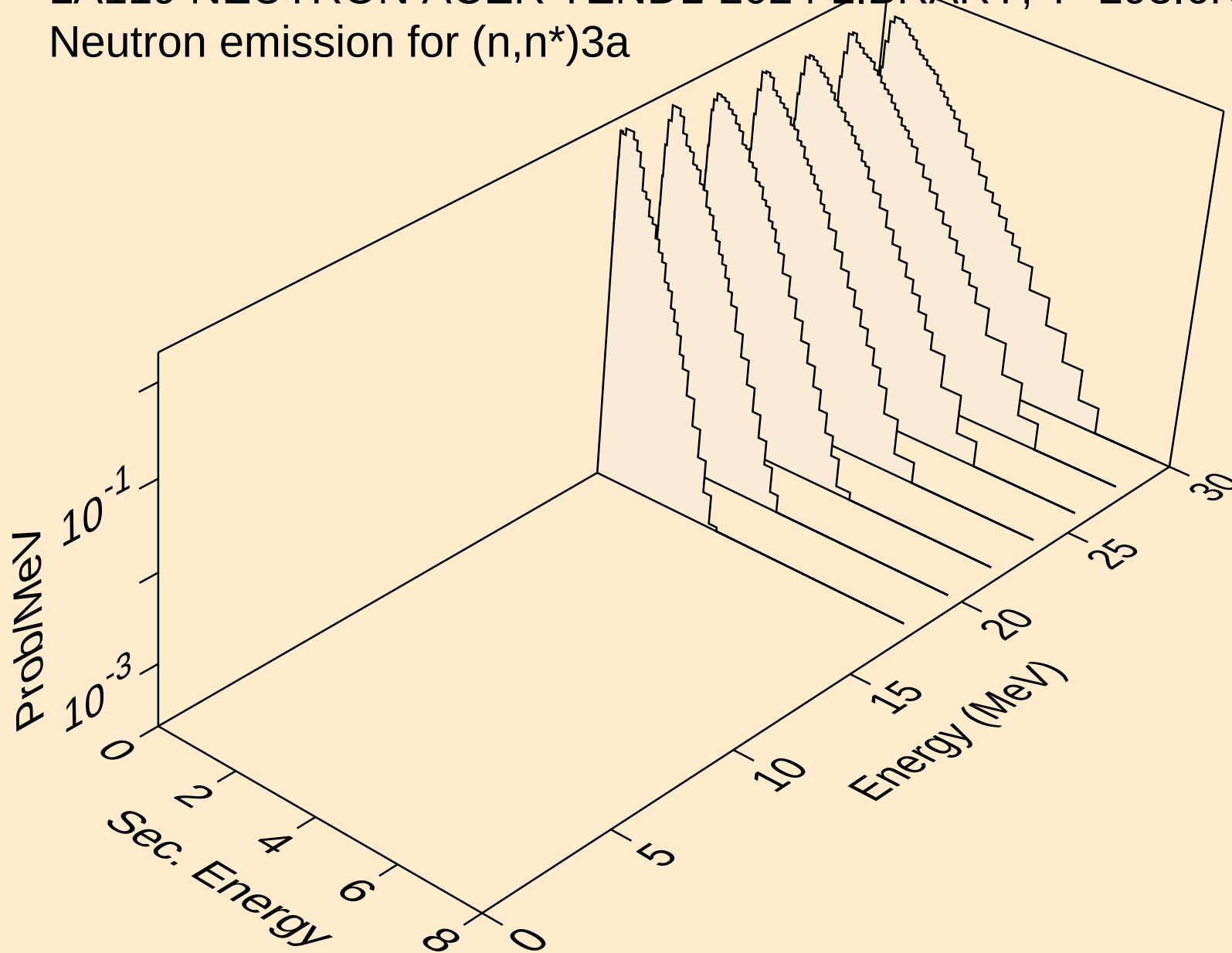
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



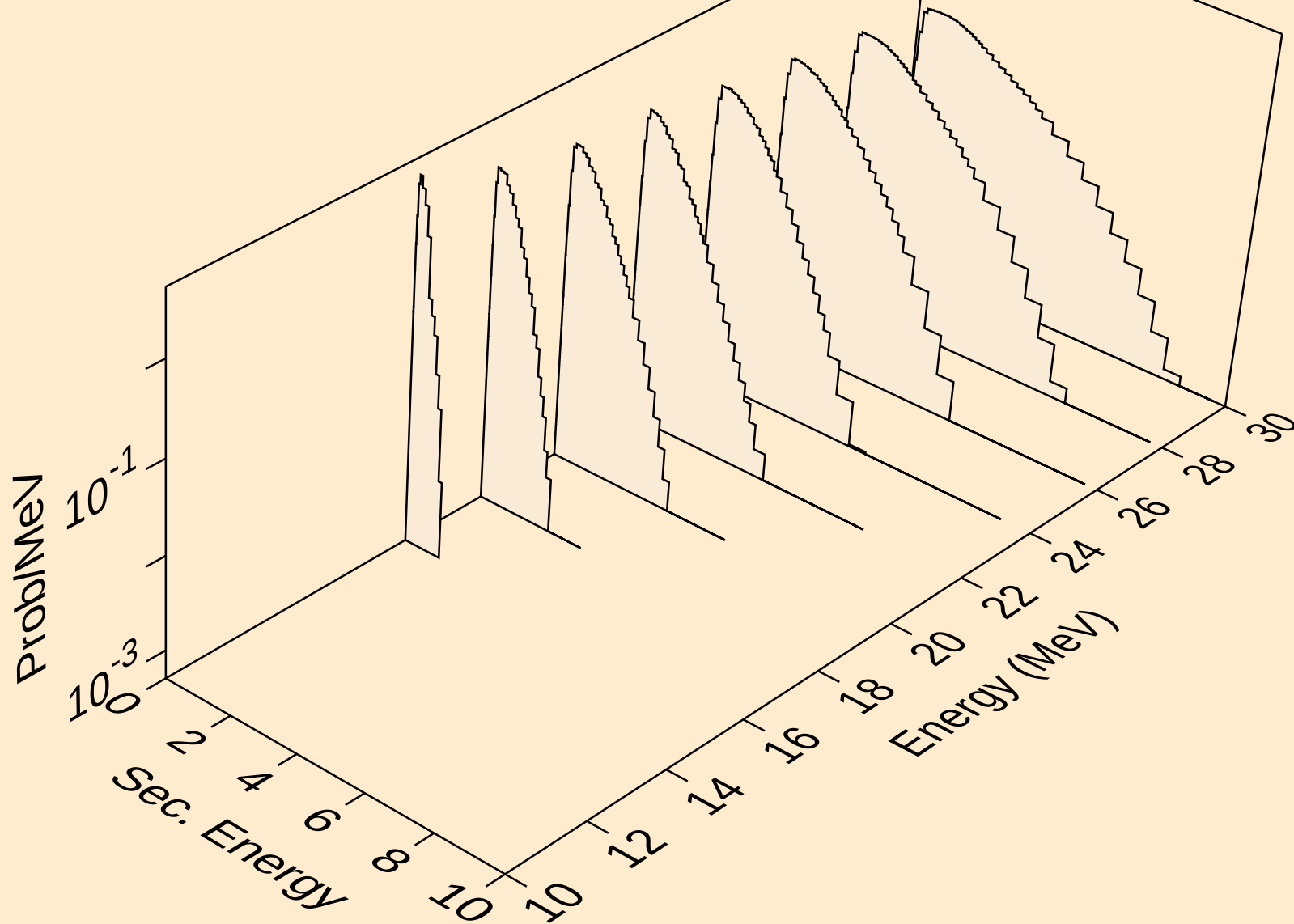
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



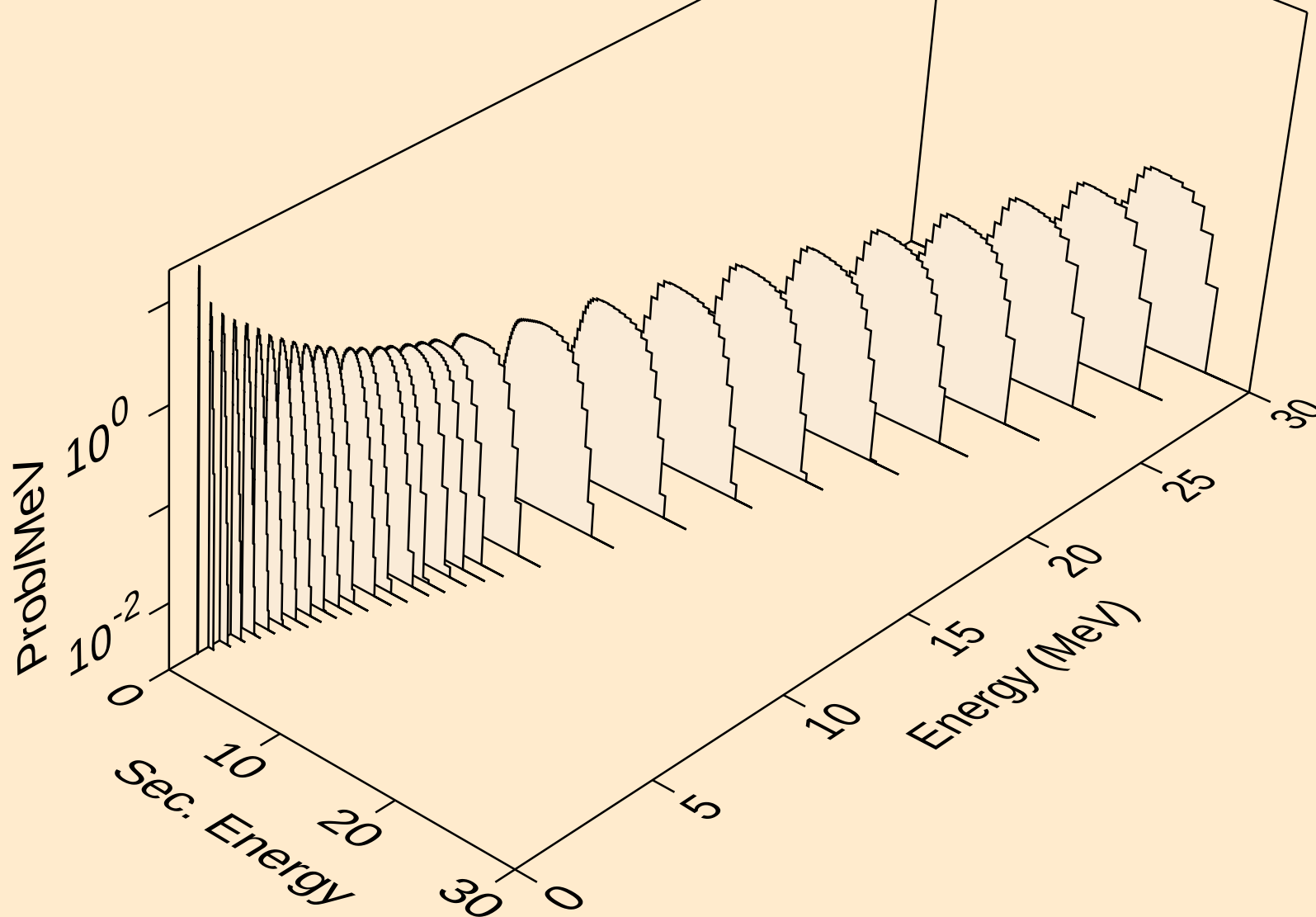
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)³a



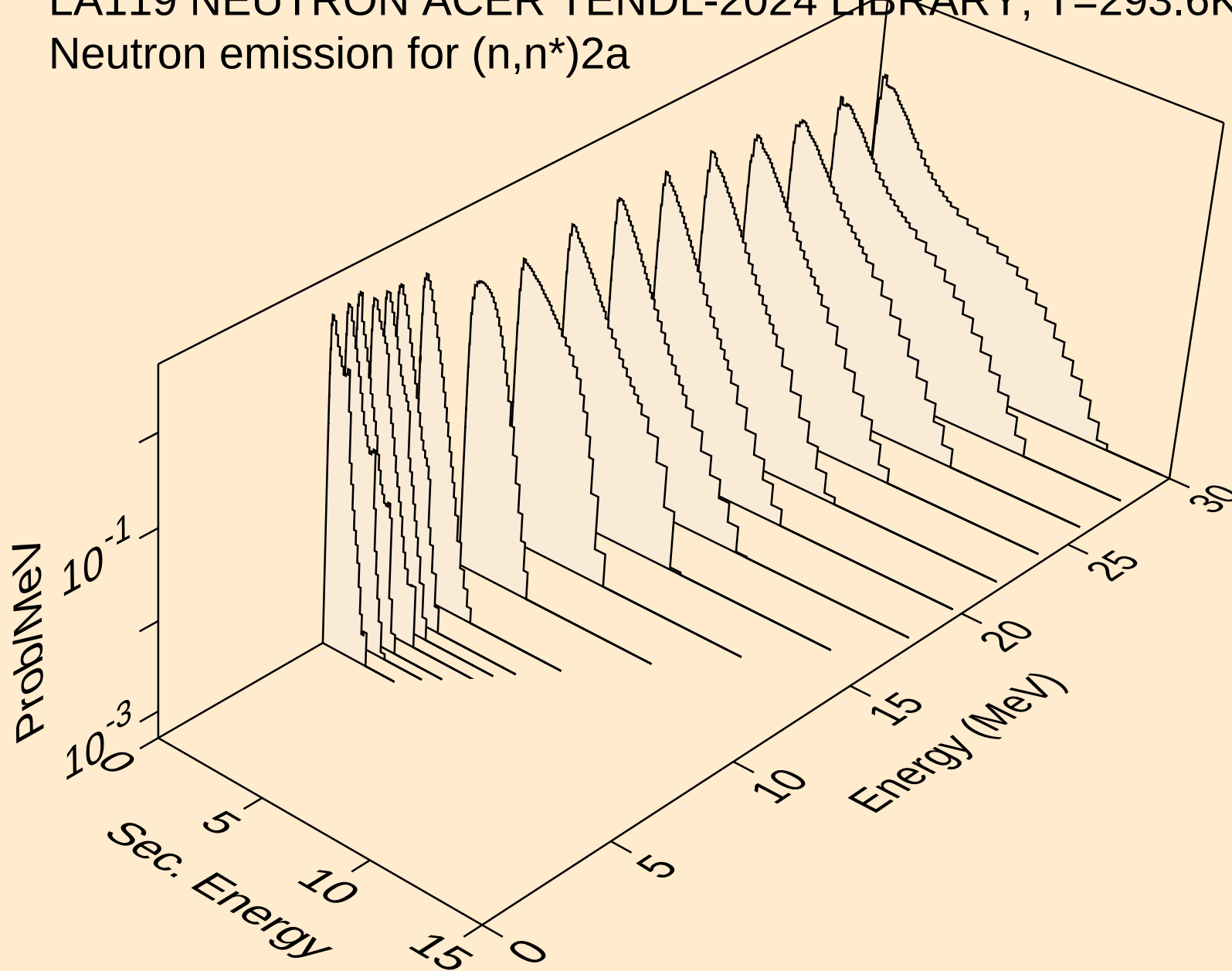
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)a



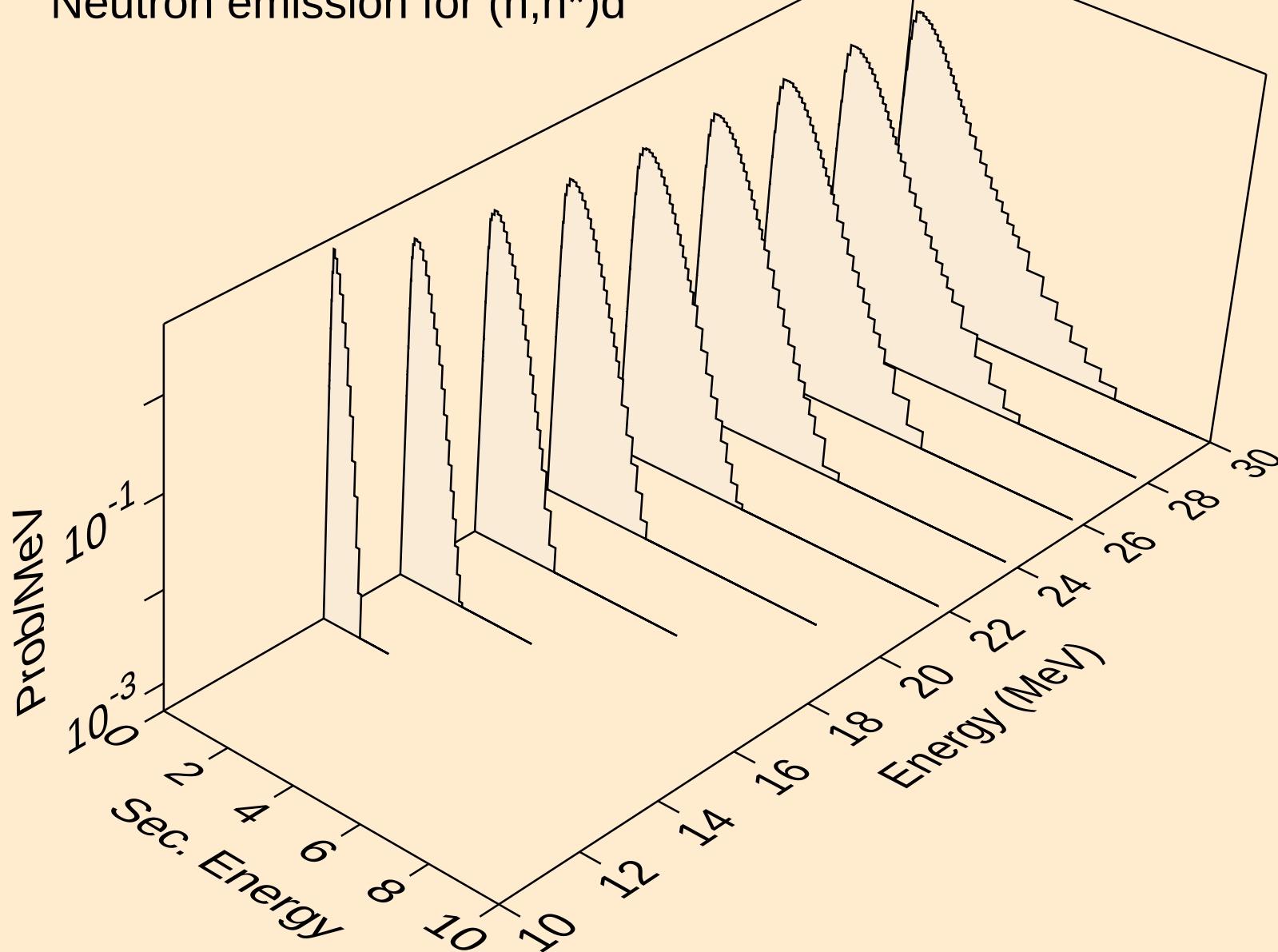
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



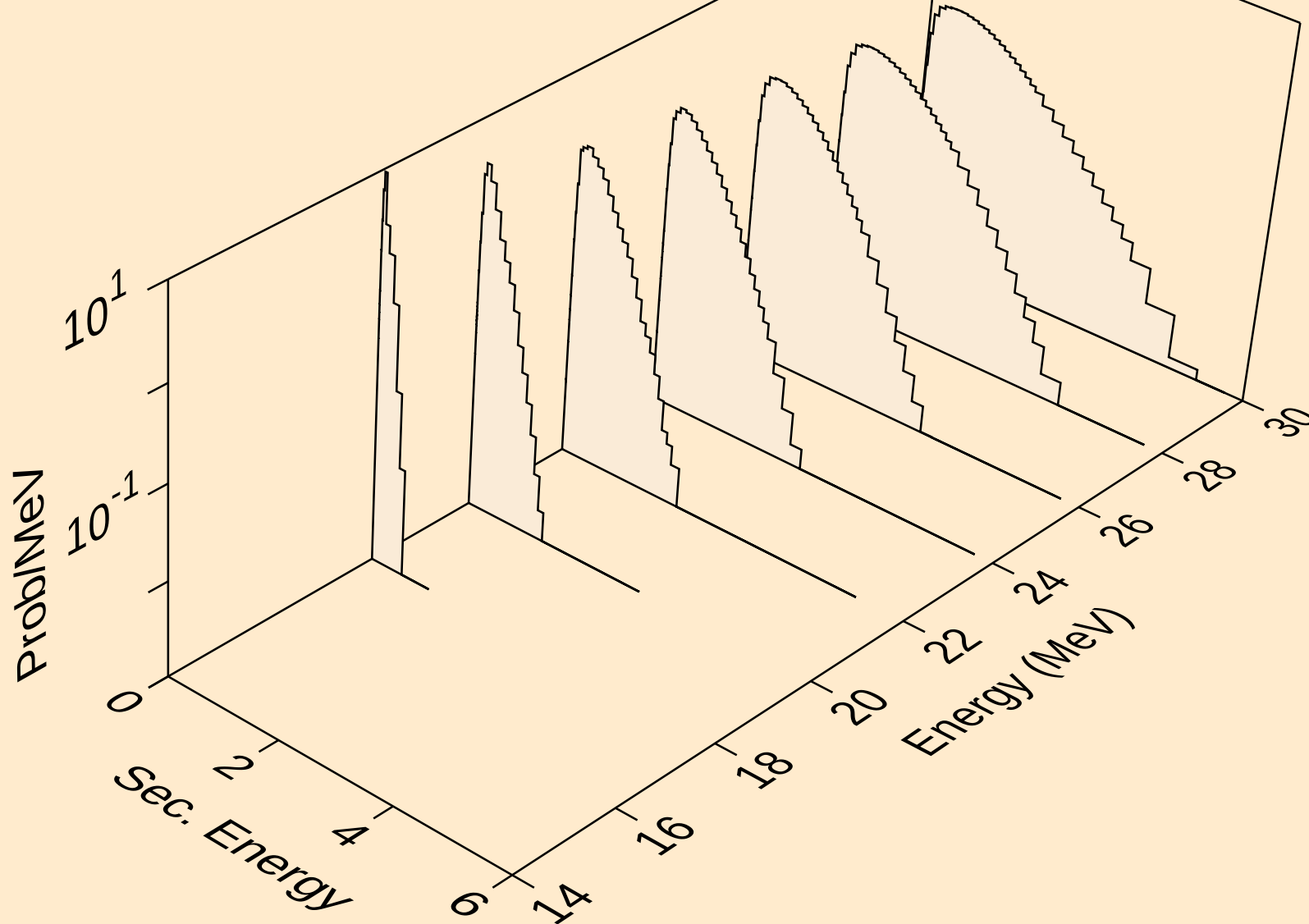
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



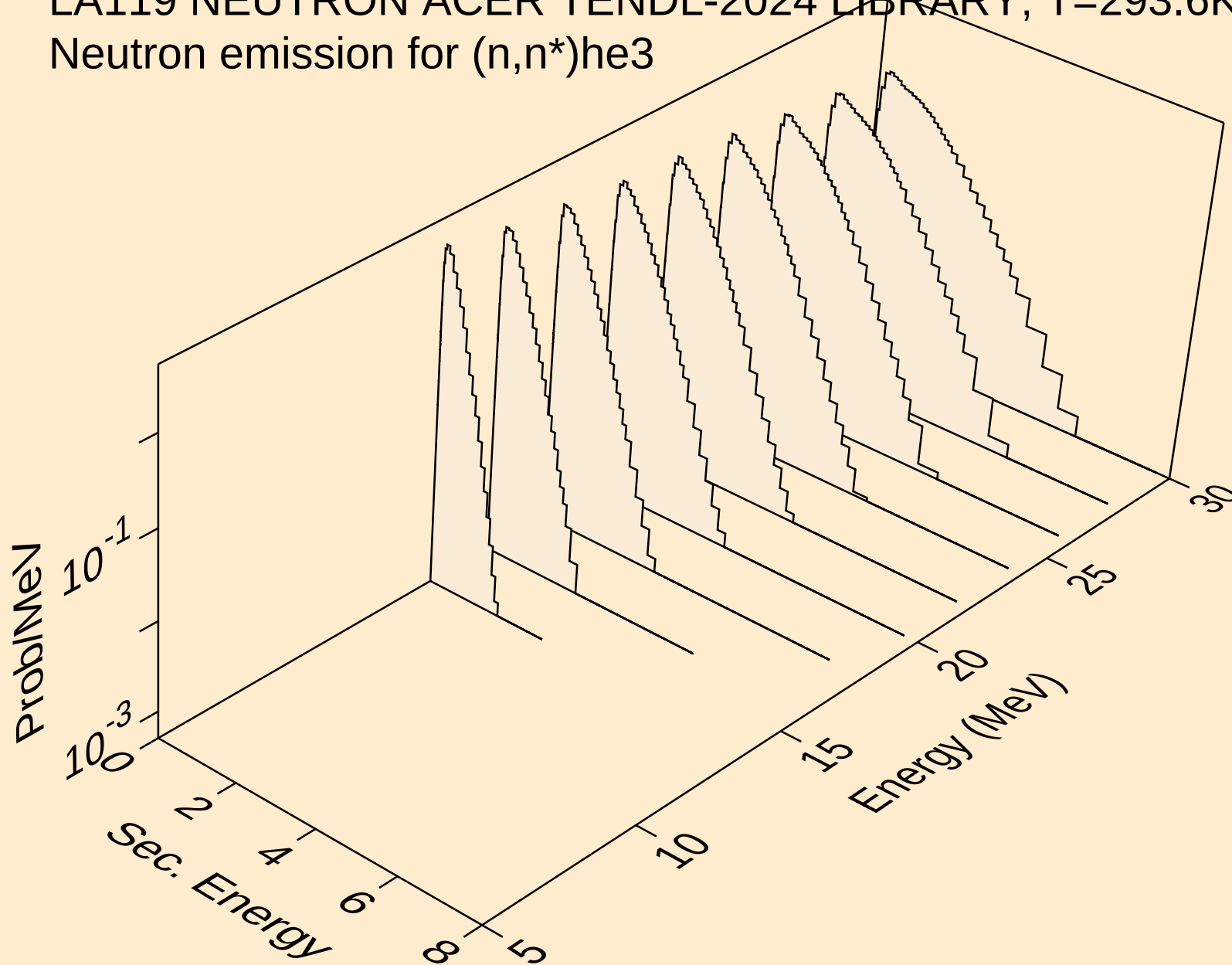
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



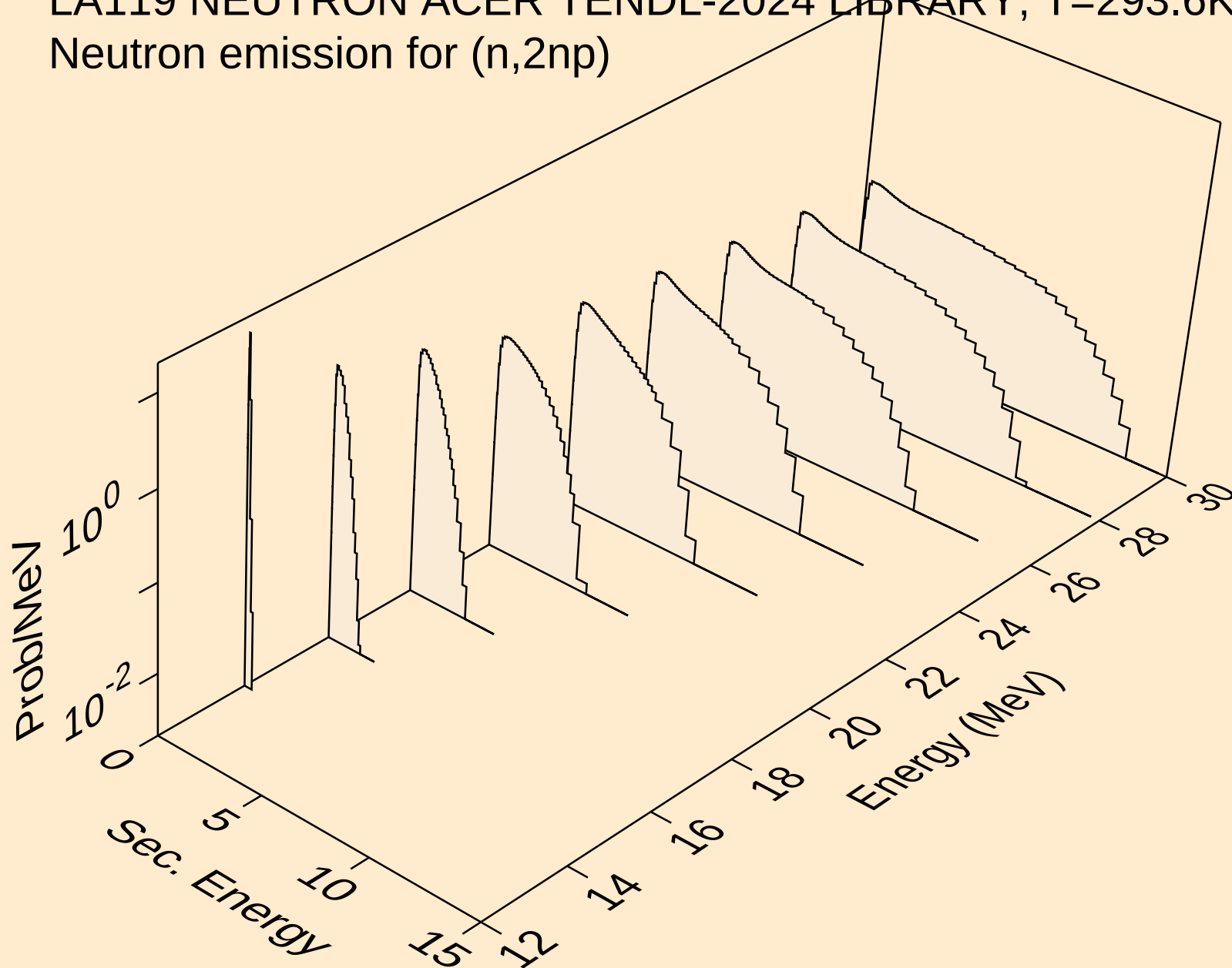
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



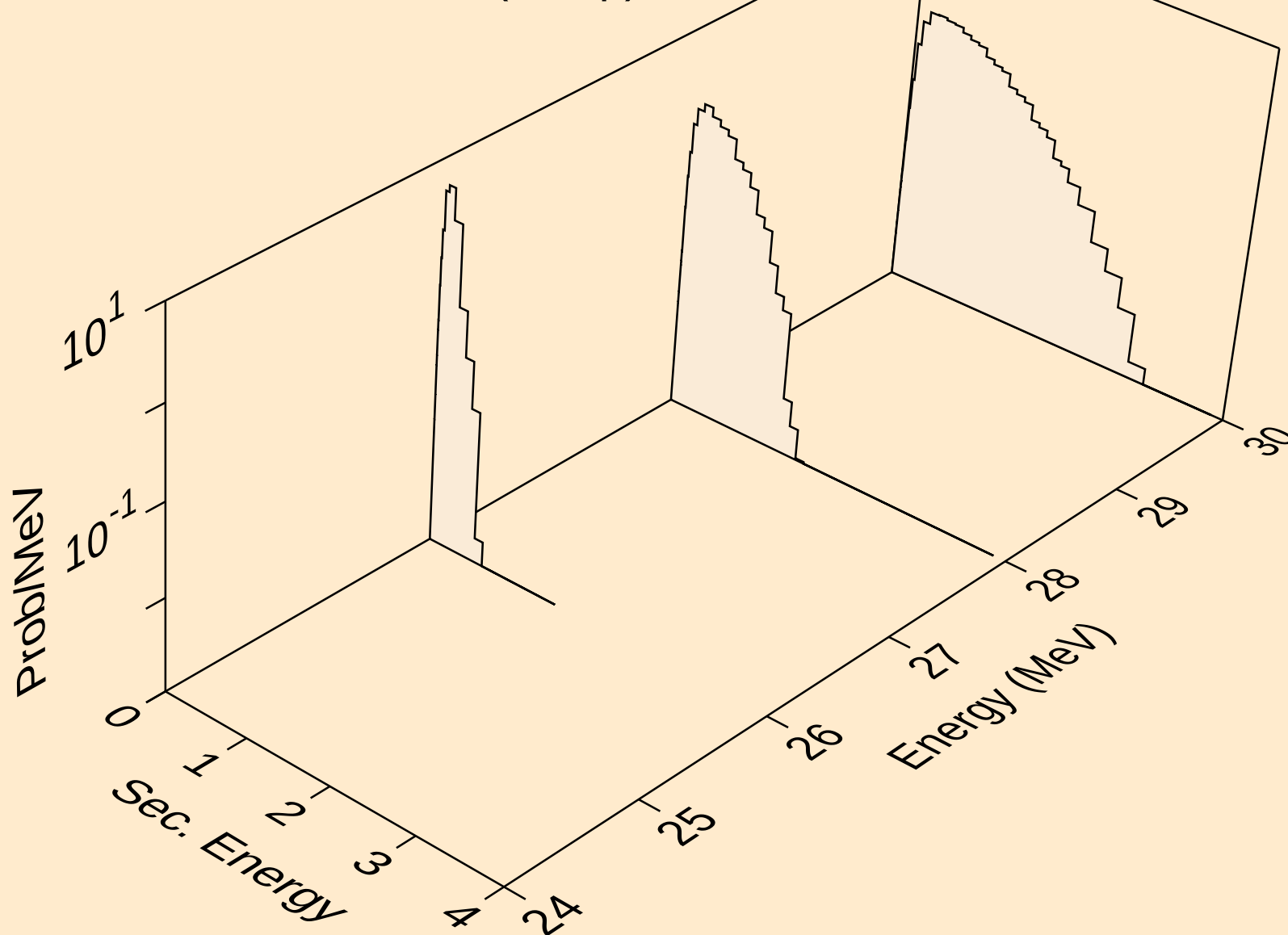
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



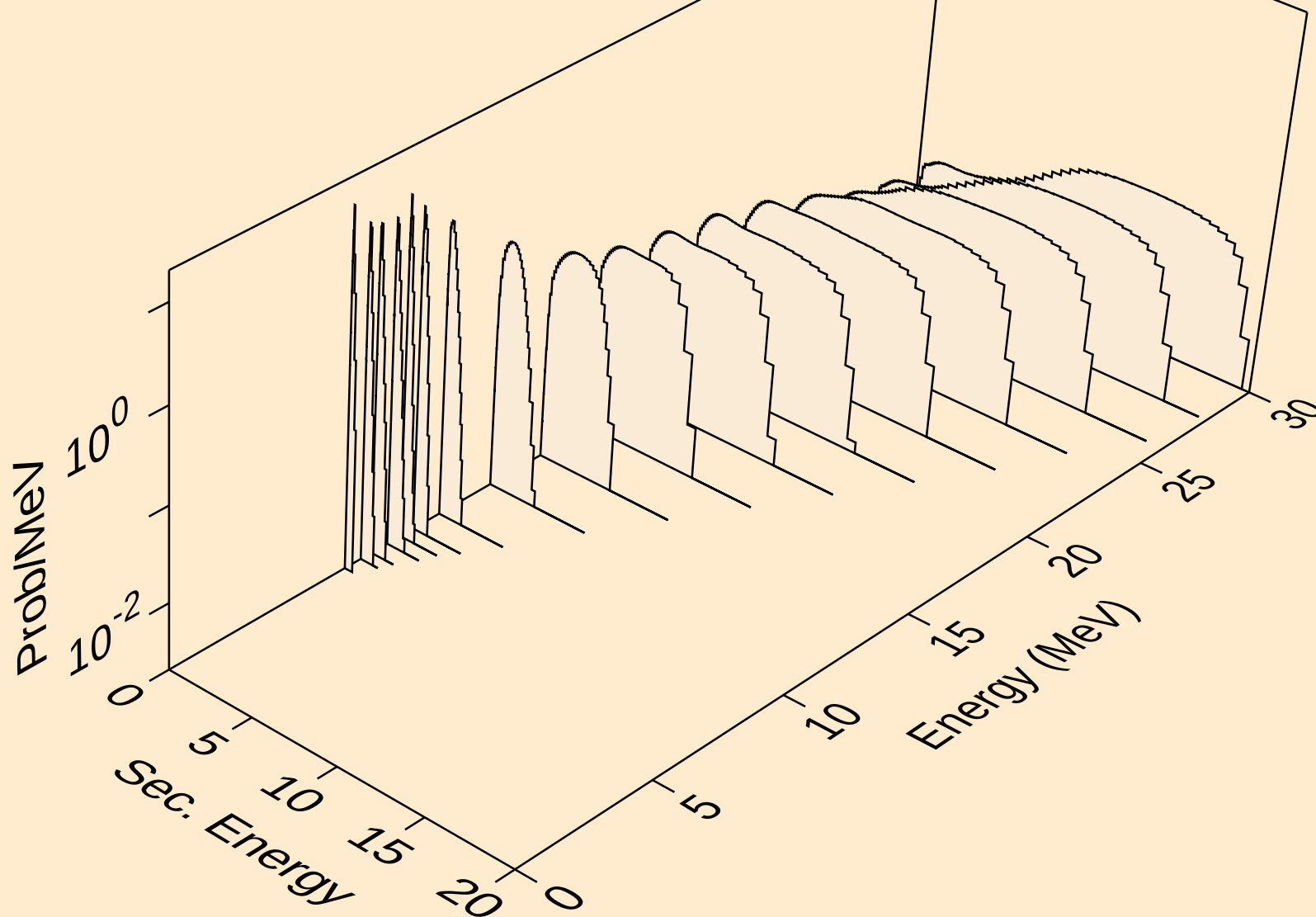
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Neutron emission for (n,2np)



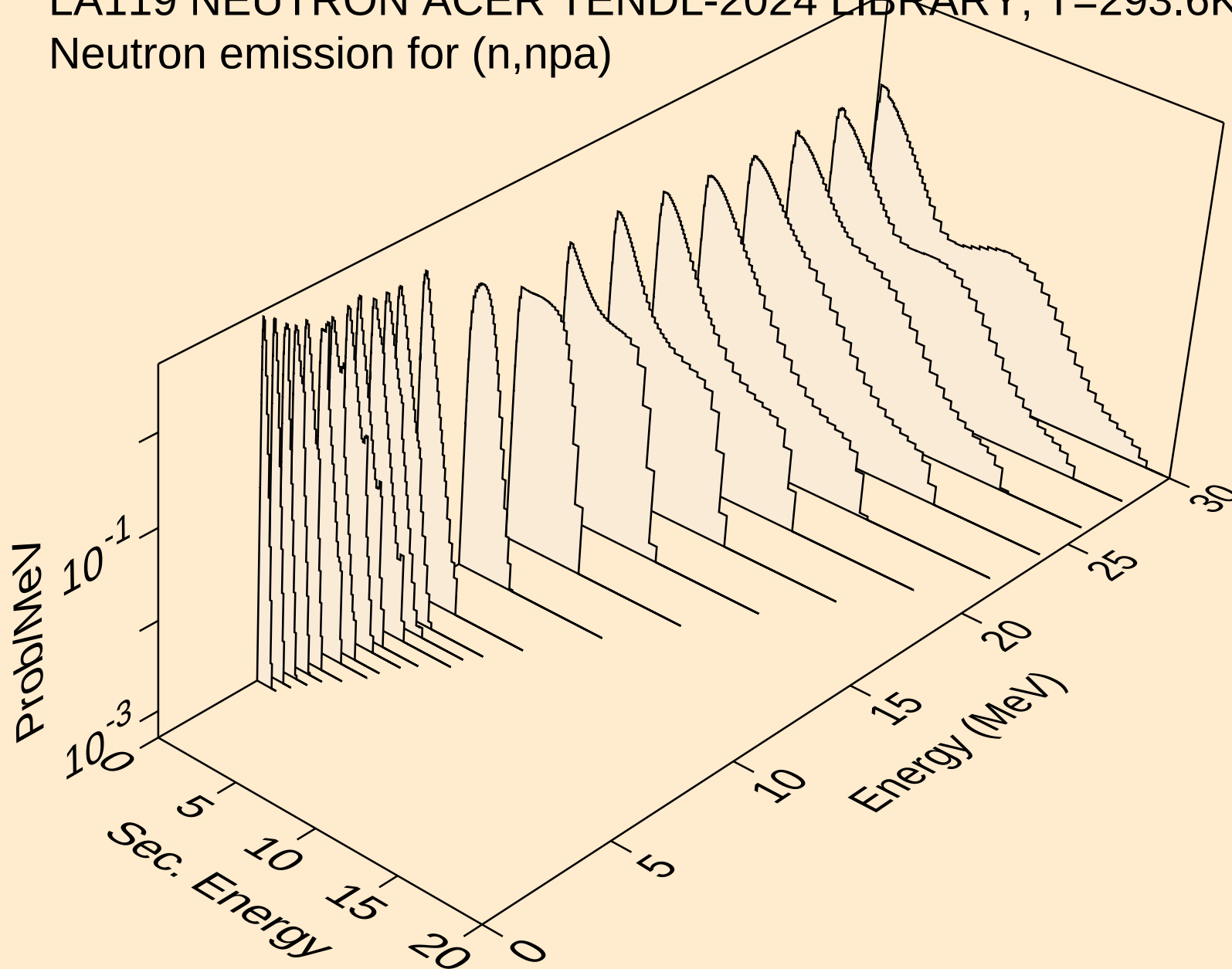
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Neutron emission for (n,3np)



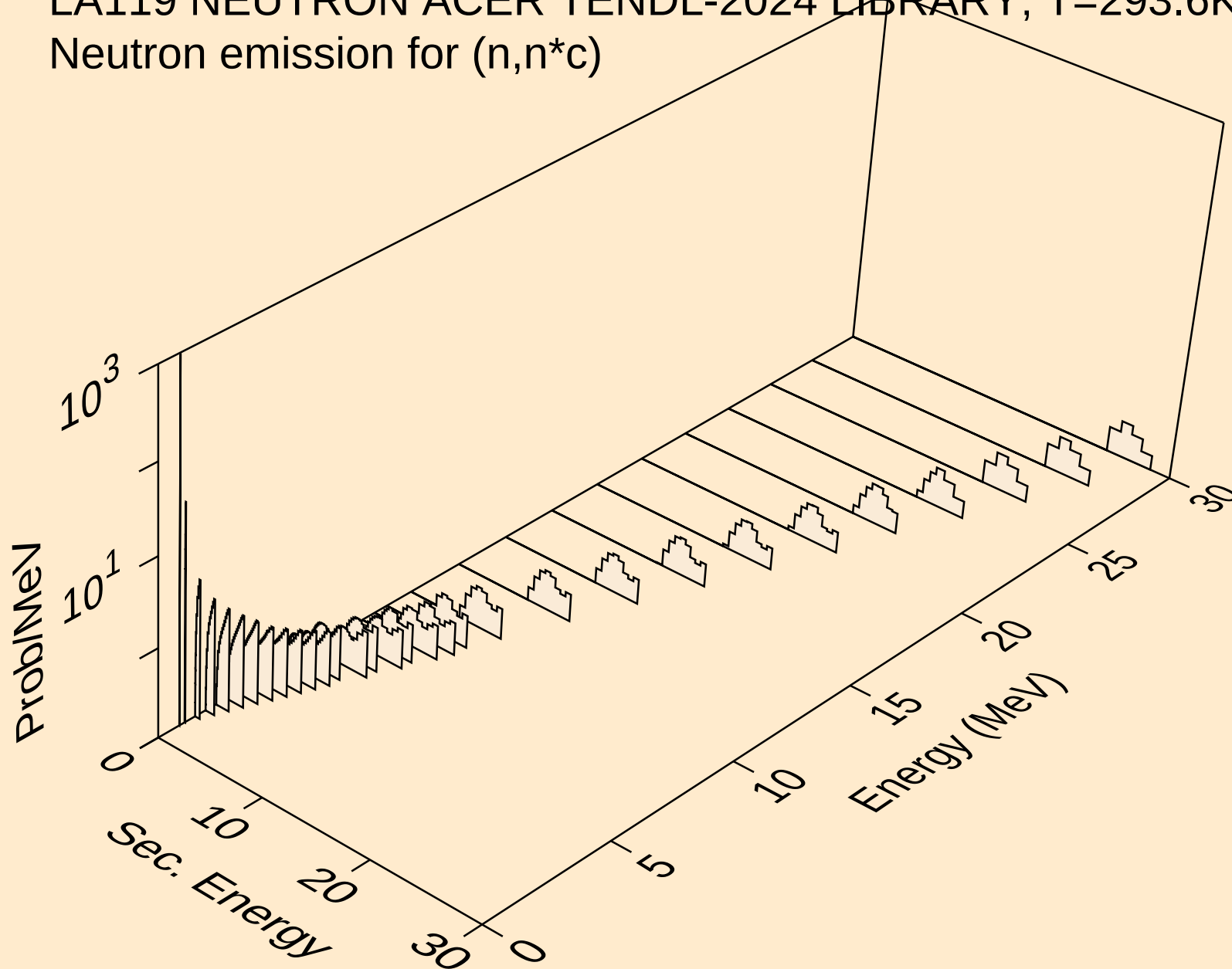
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



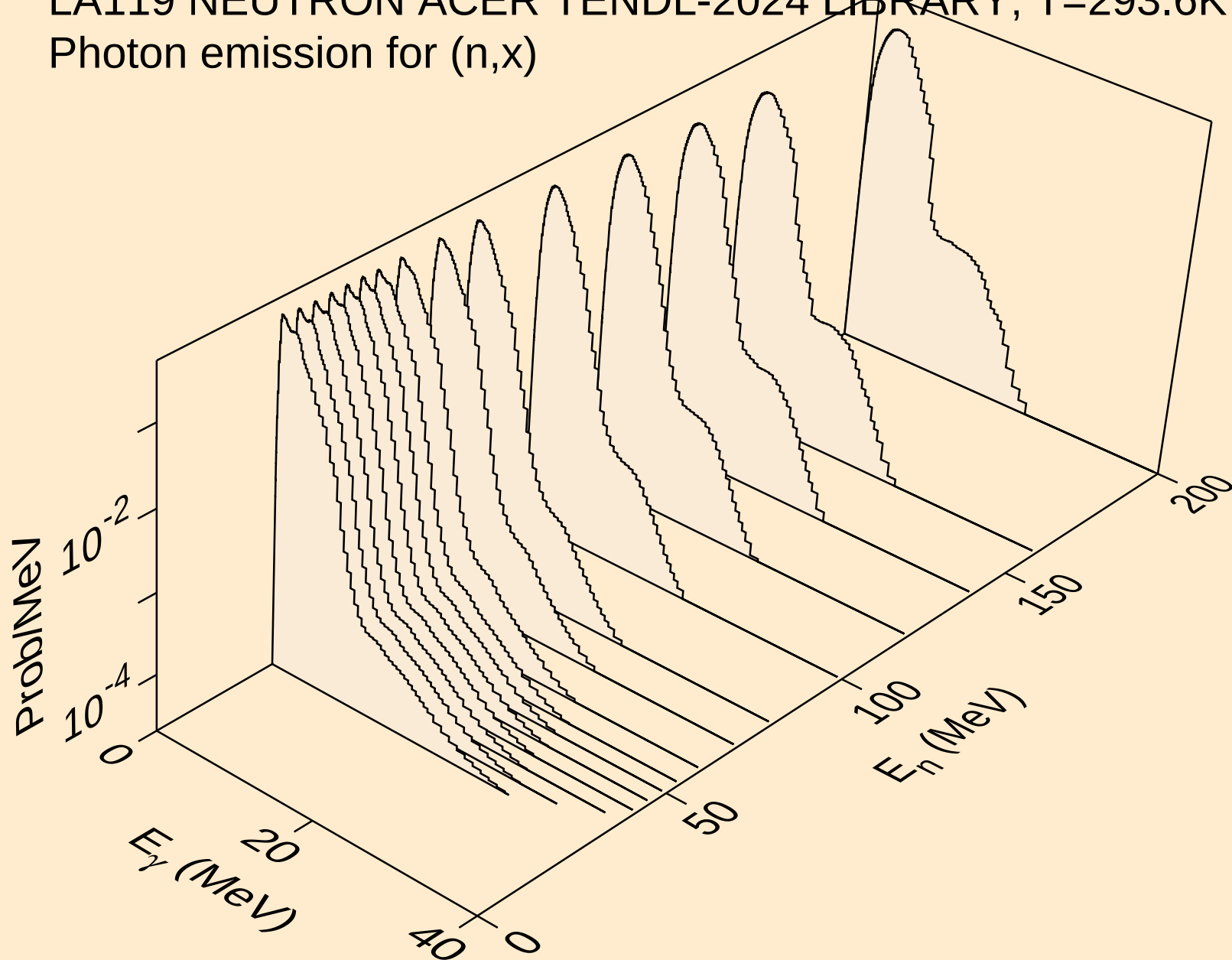
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



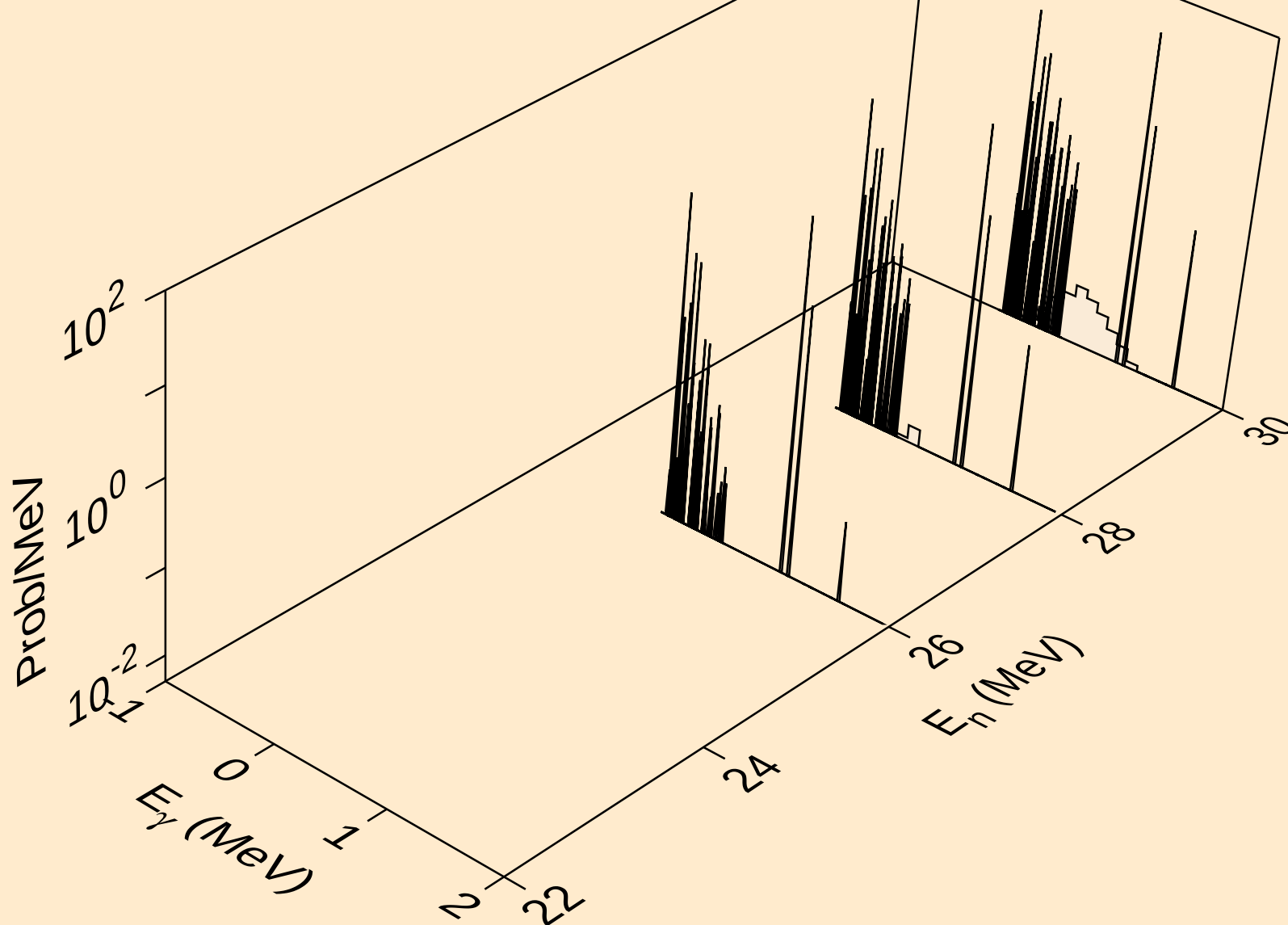
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Neutron emission for (n,n*c)



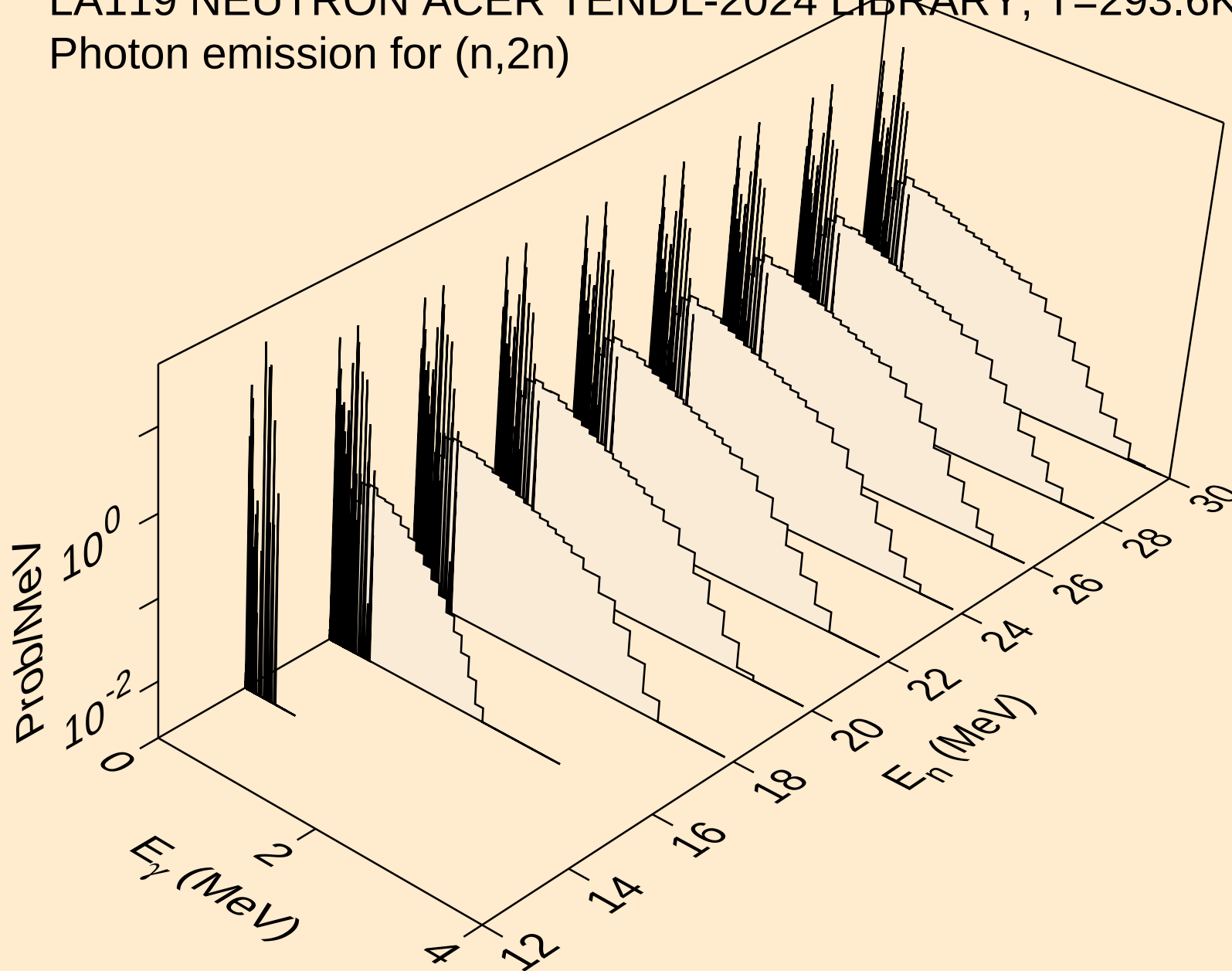
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



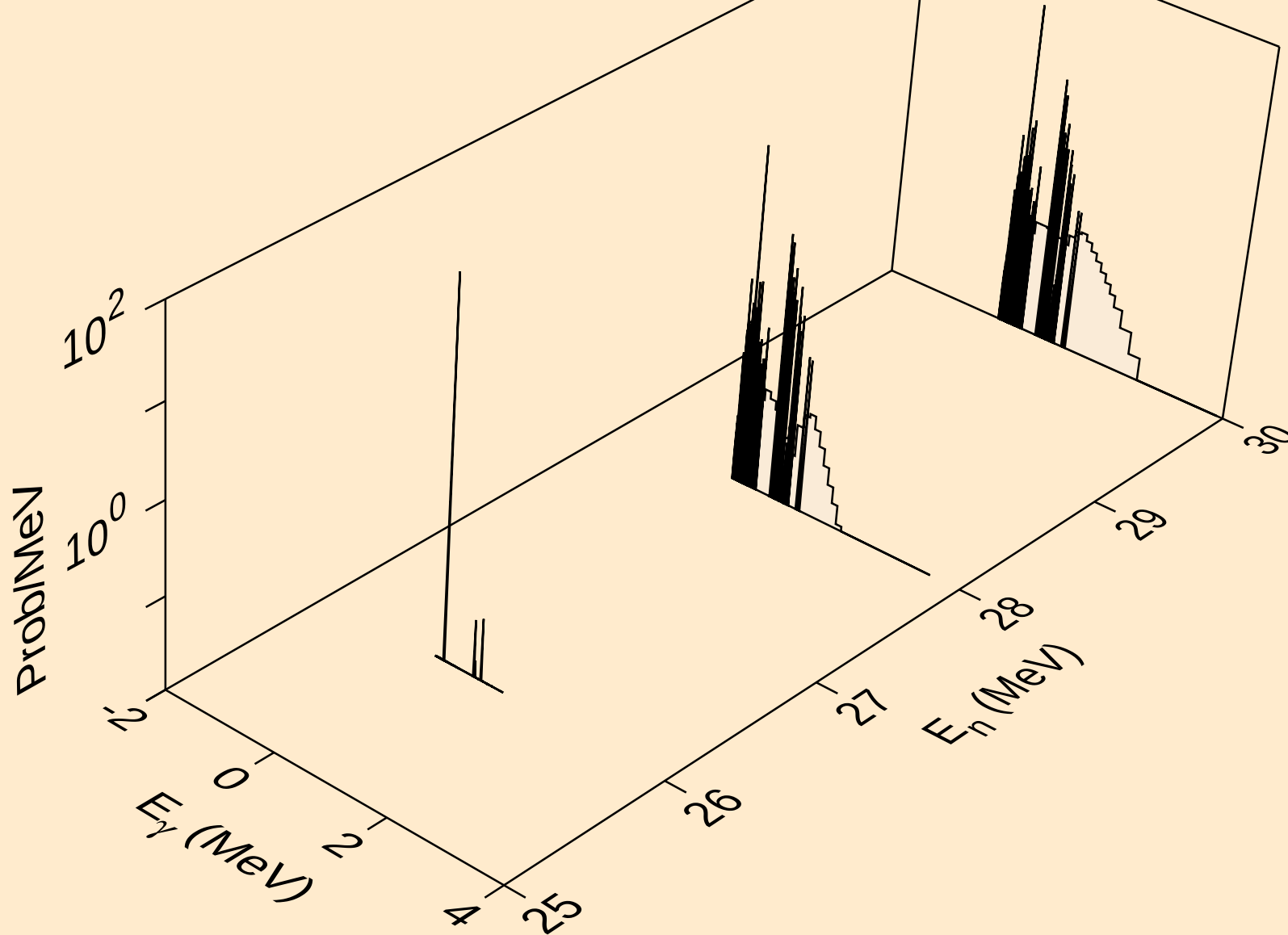
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



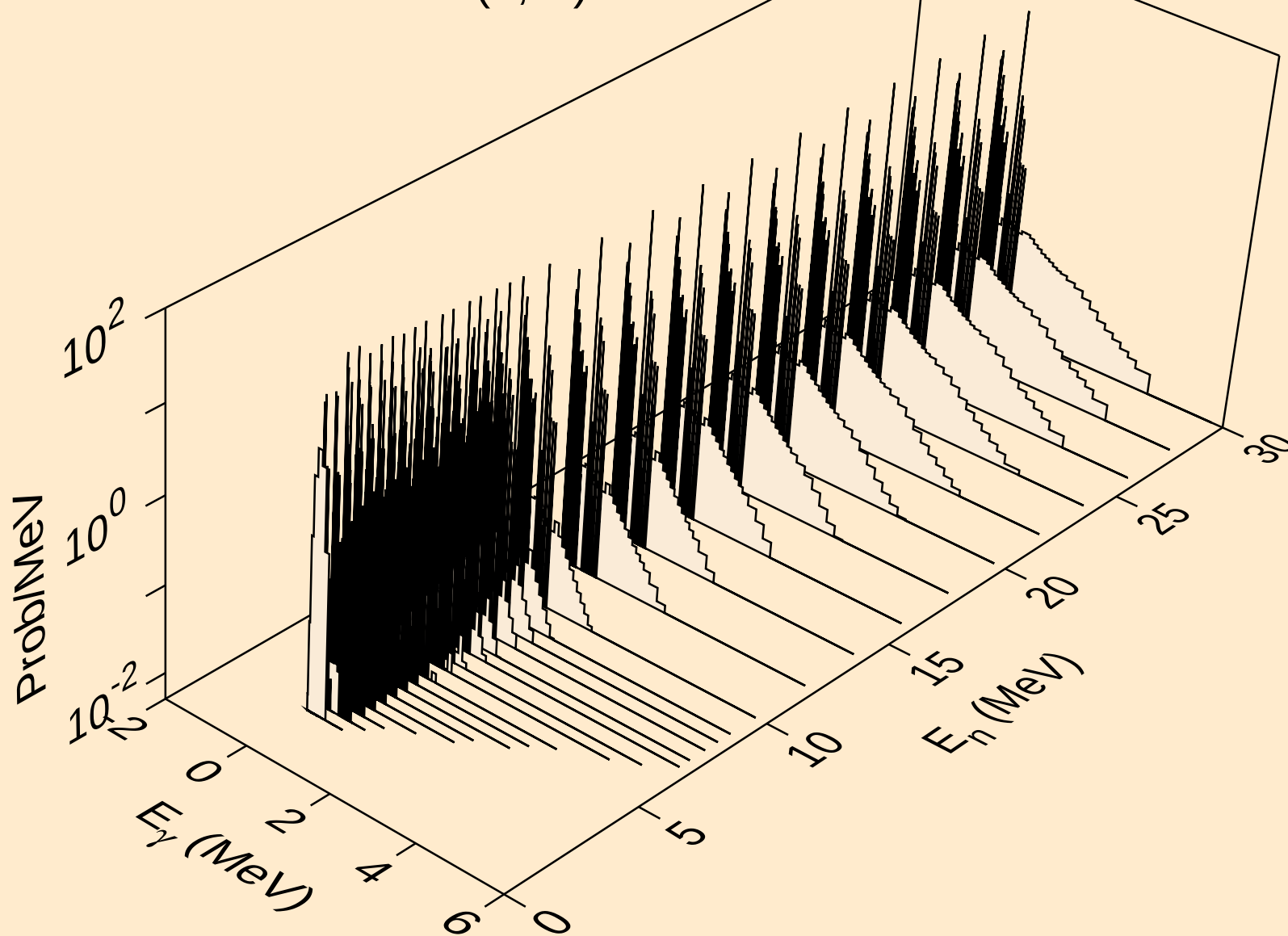
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Photon emission for (n,2n)



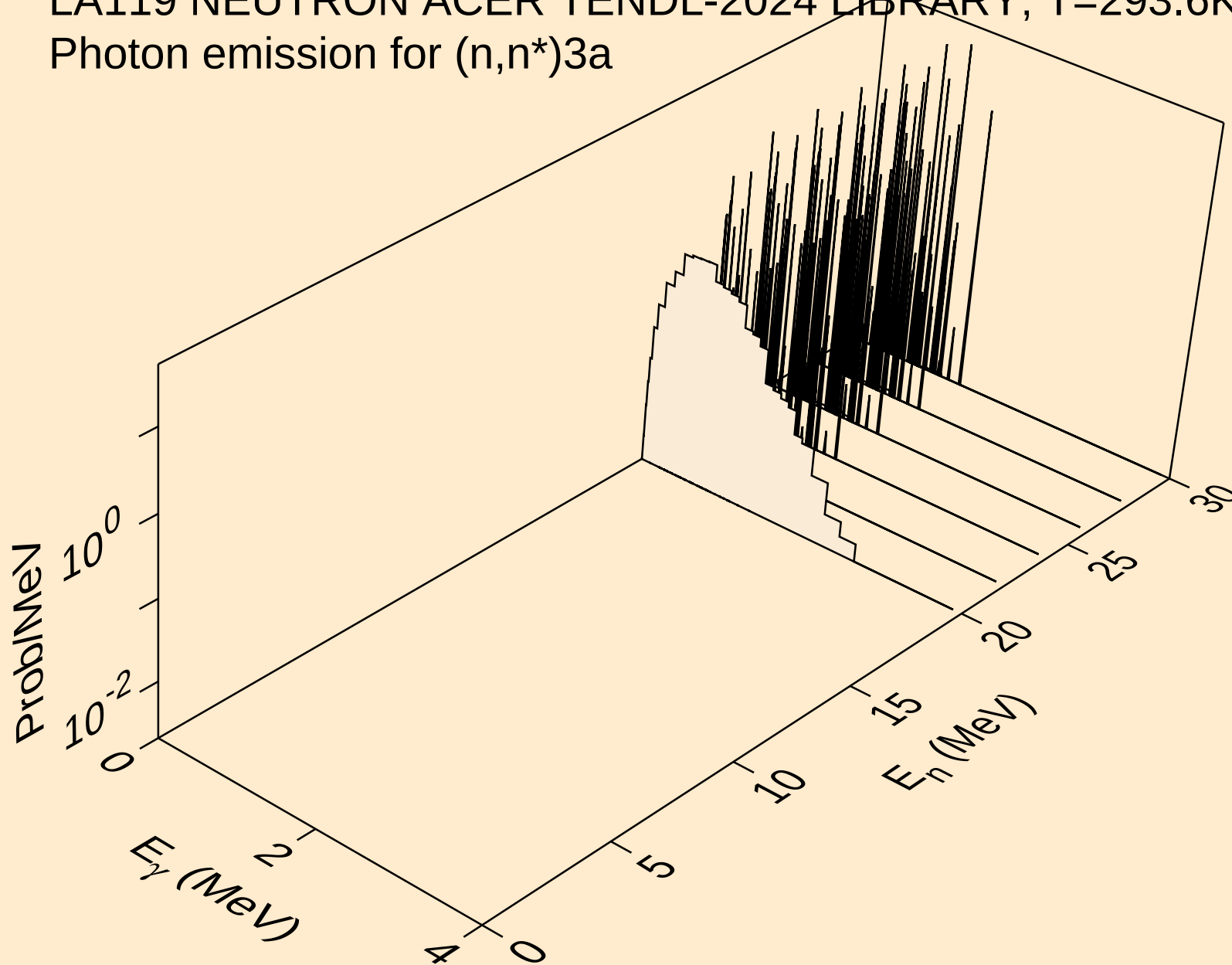
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Photon emission for (n,3n)



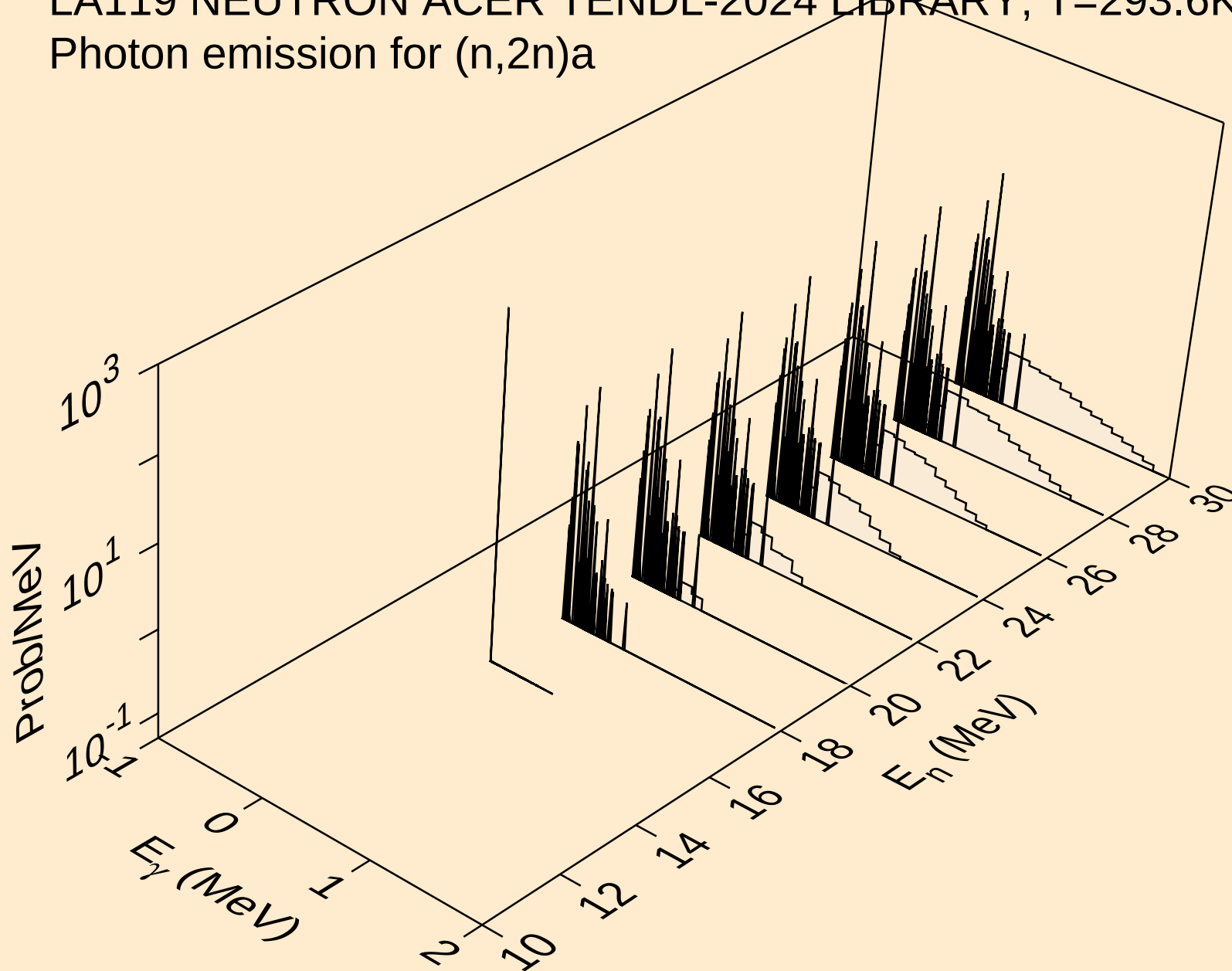
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



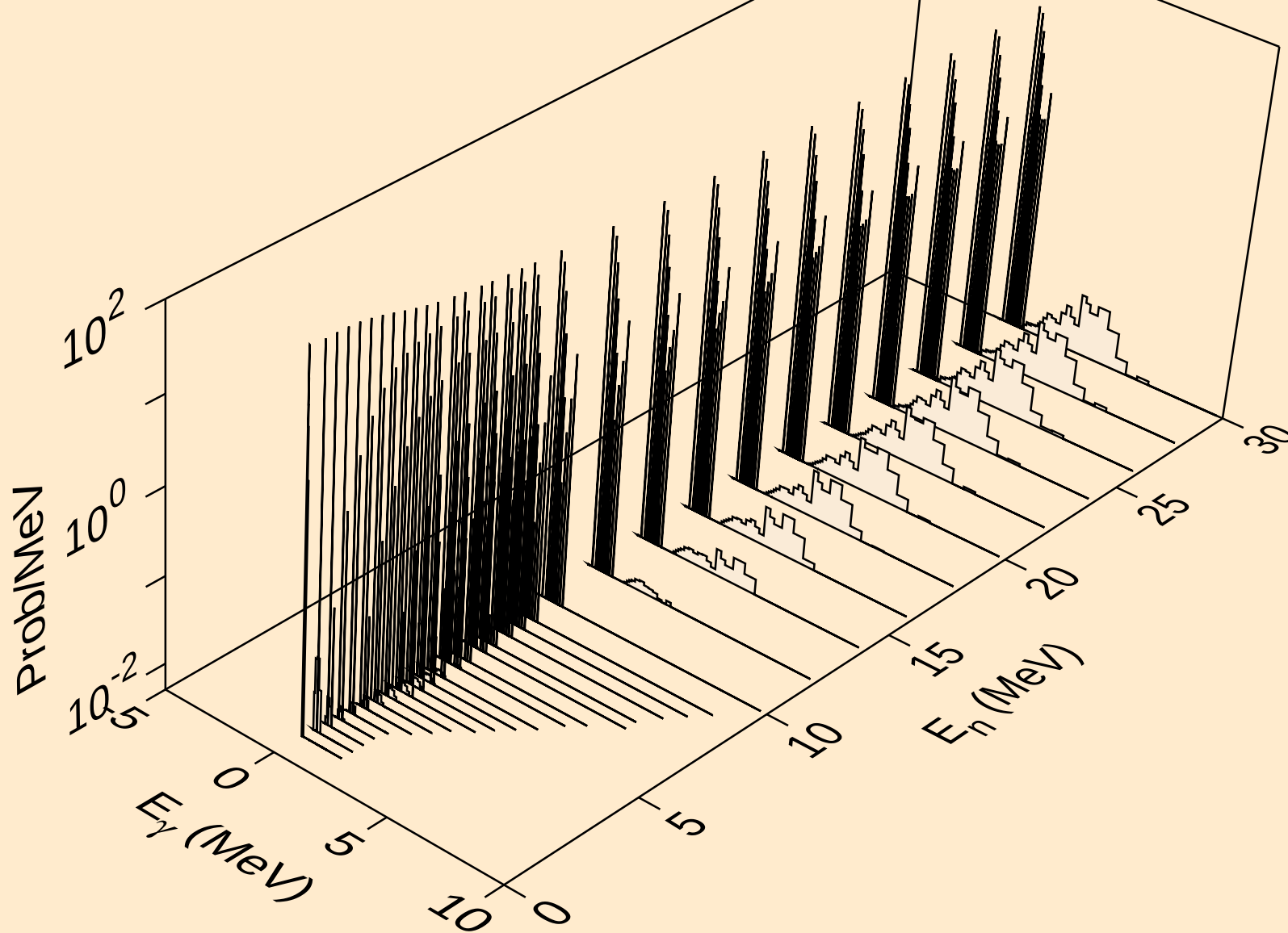
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Photon emission for (n,n*)3a



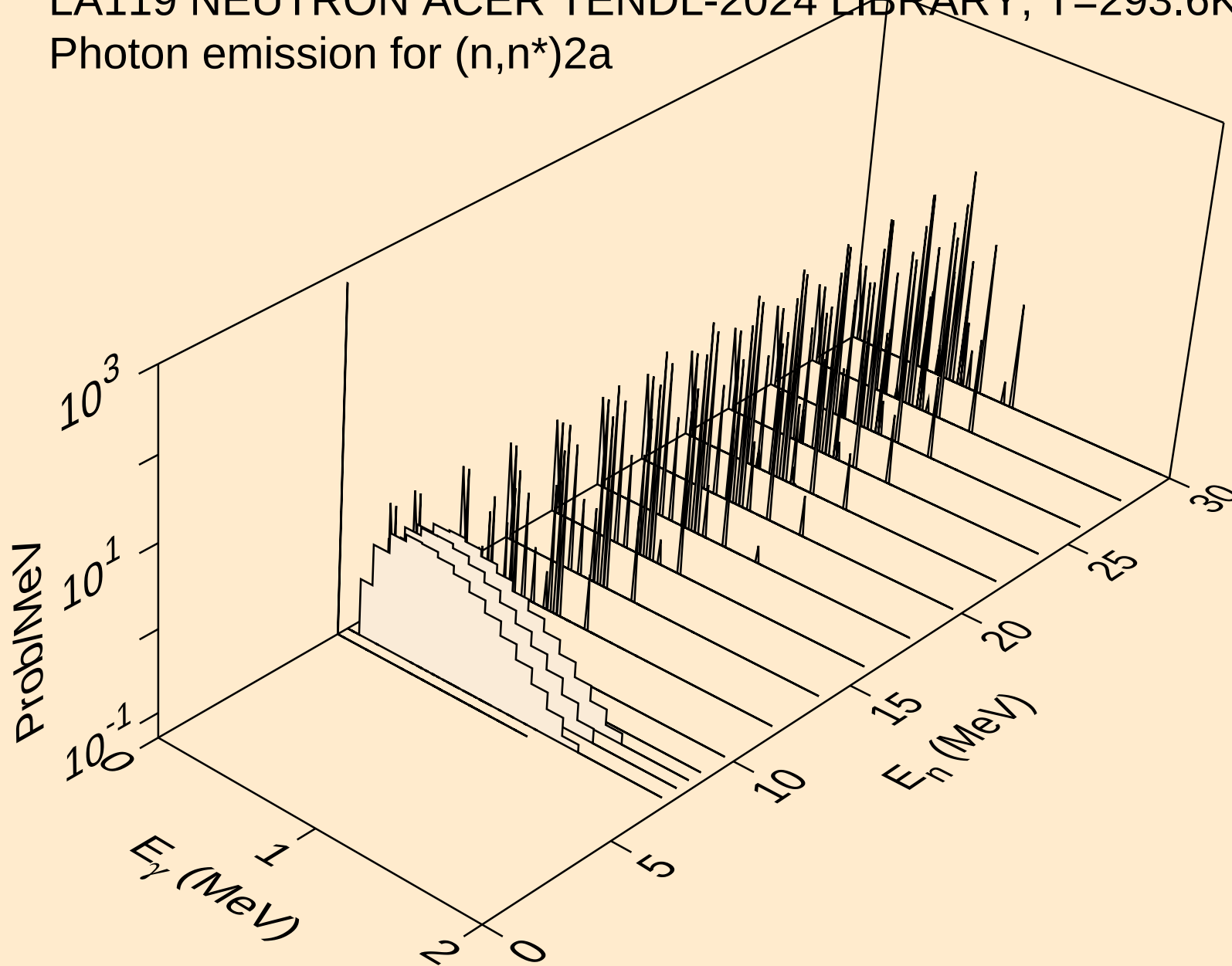
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n) α



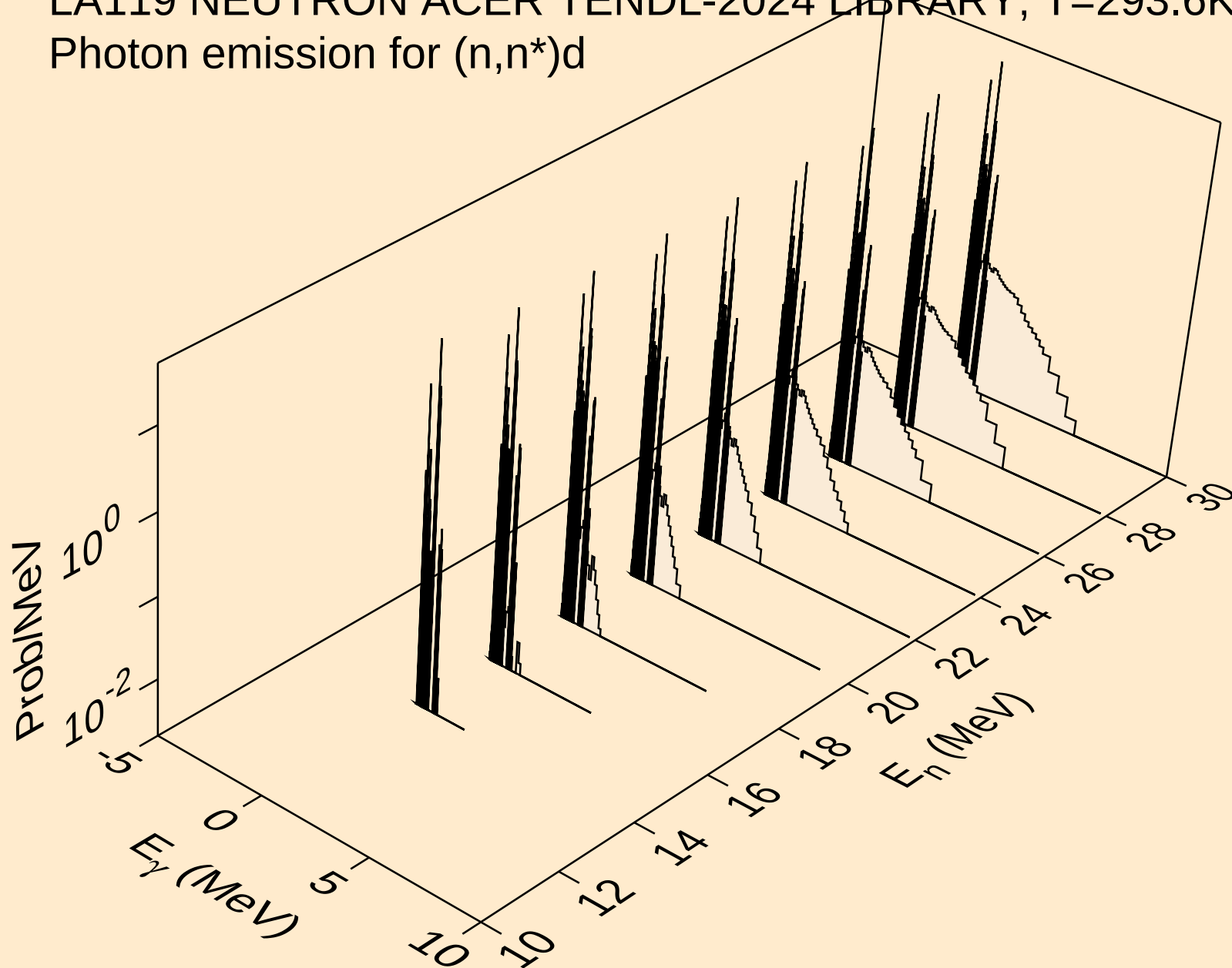
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



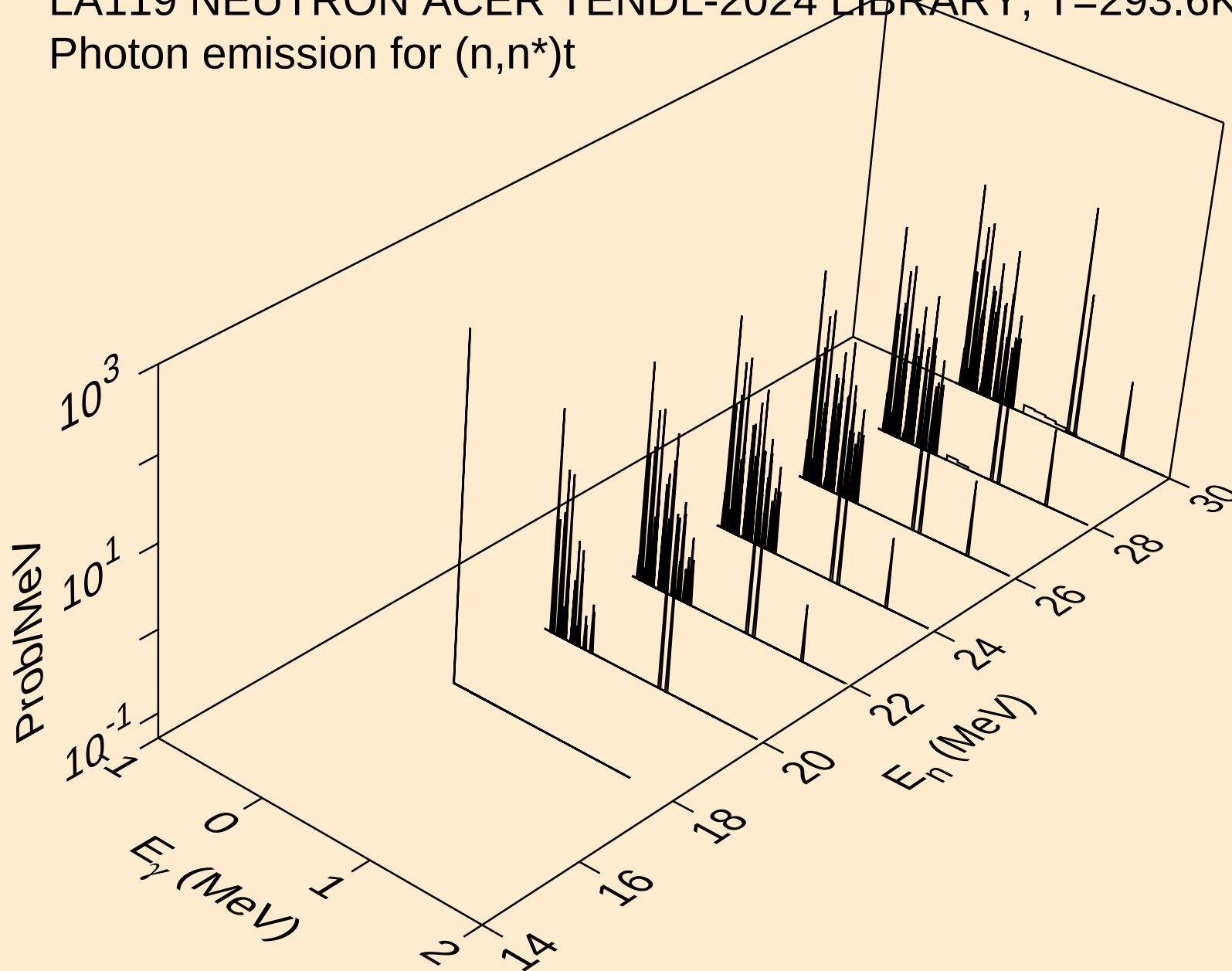
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



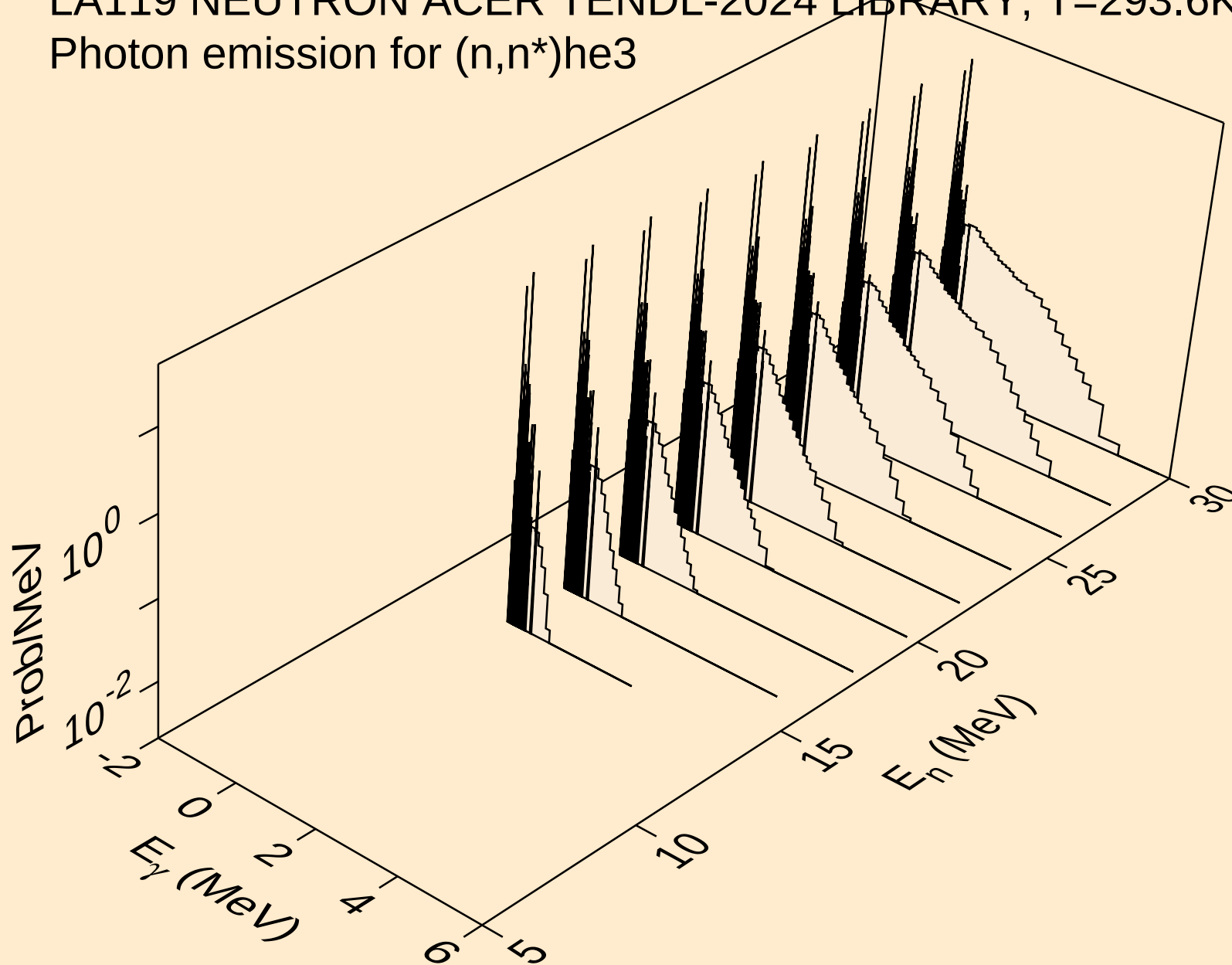
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d



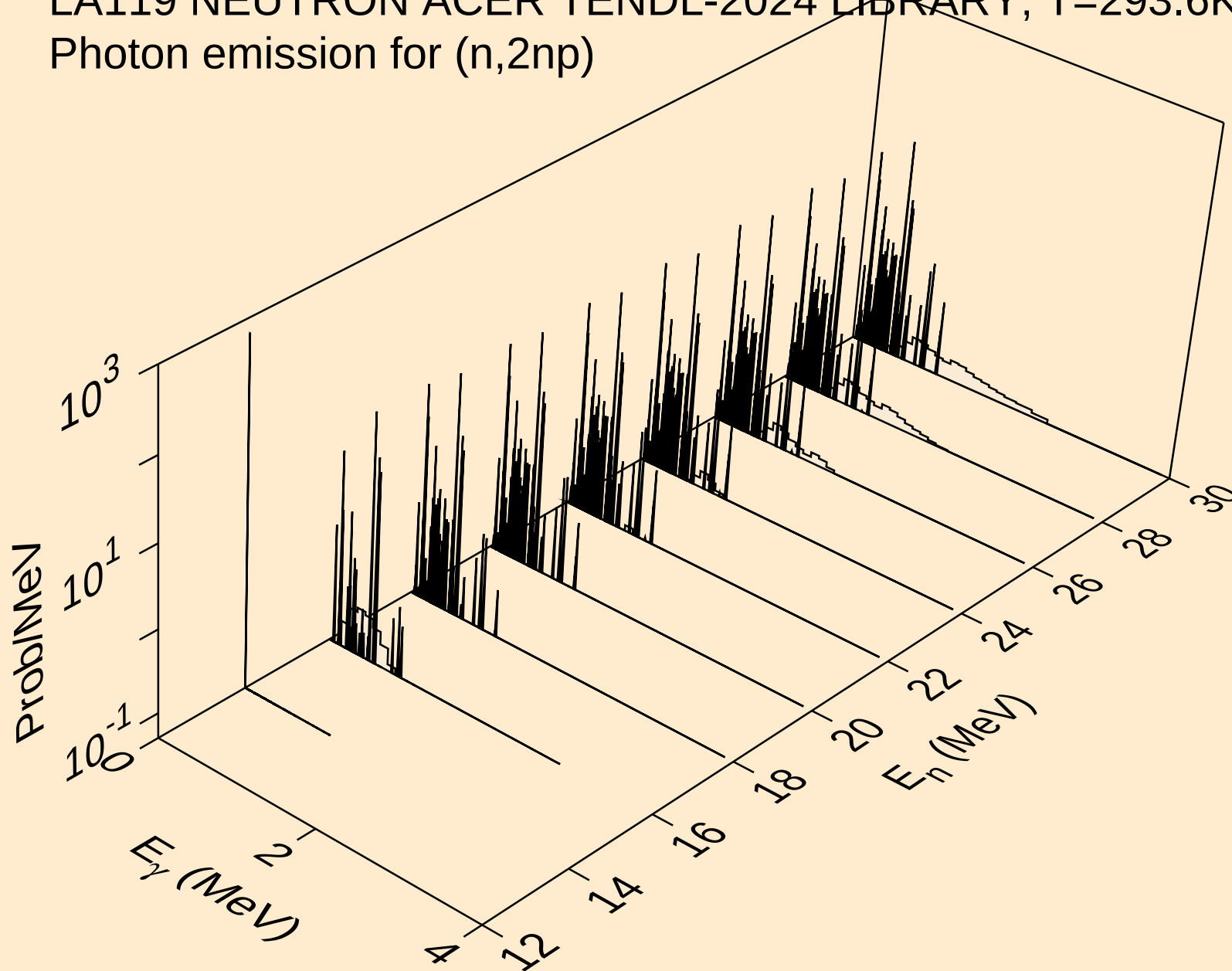
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



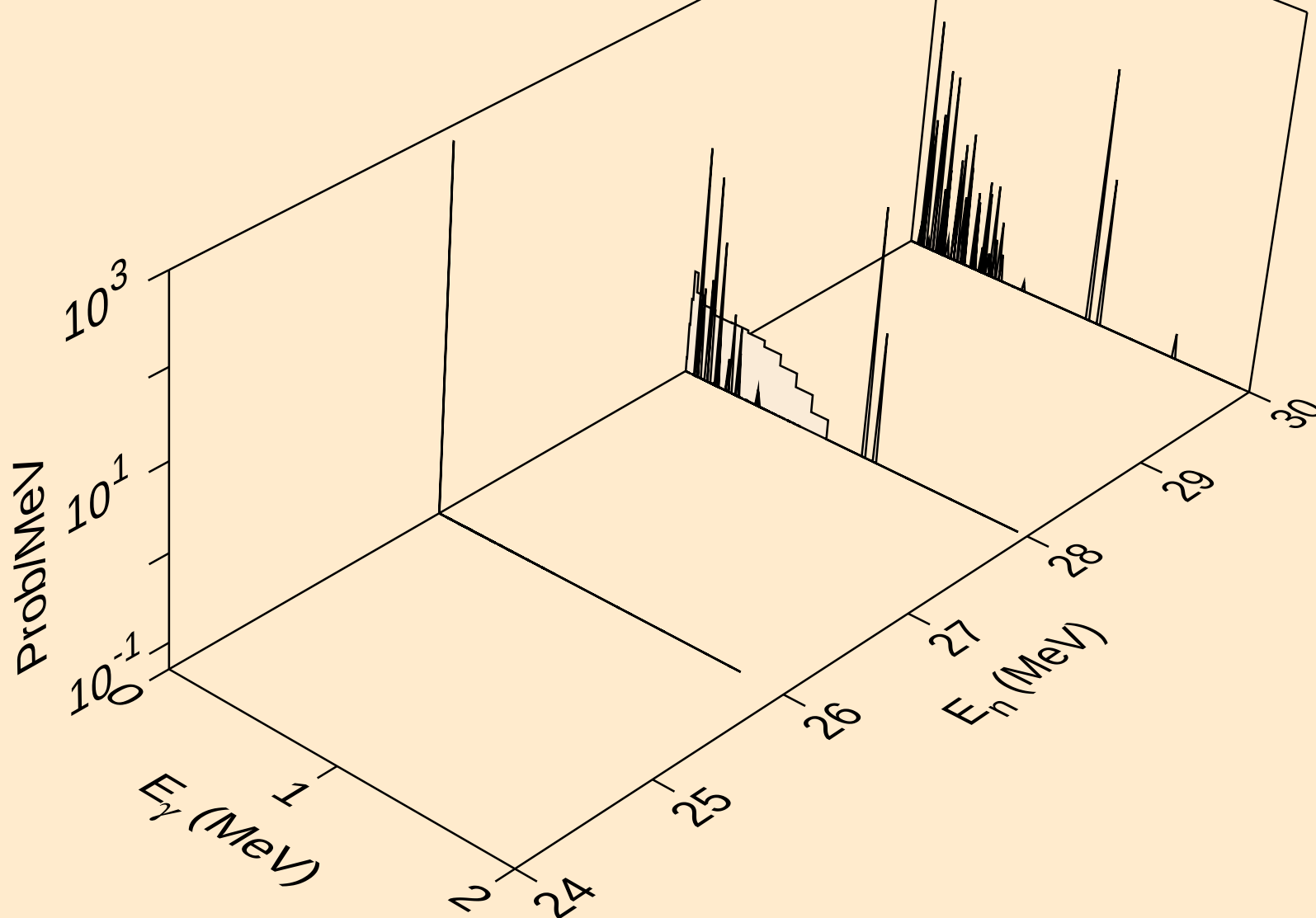
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



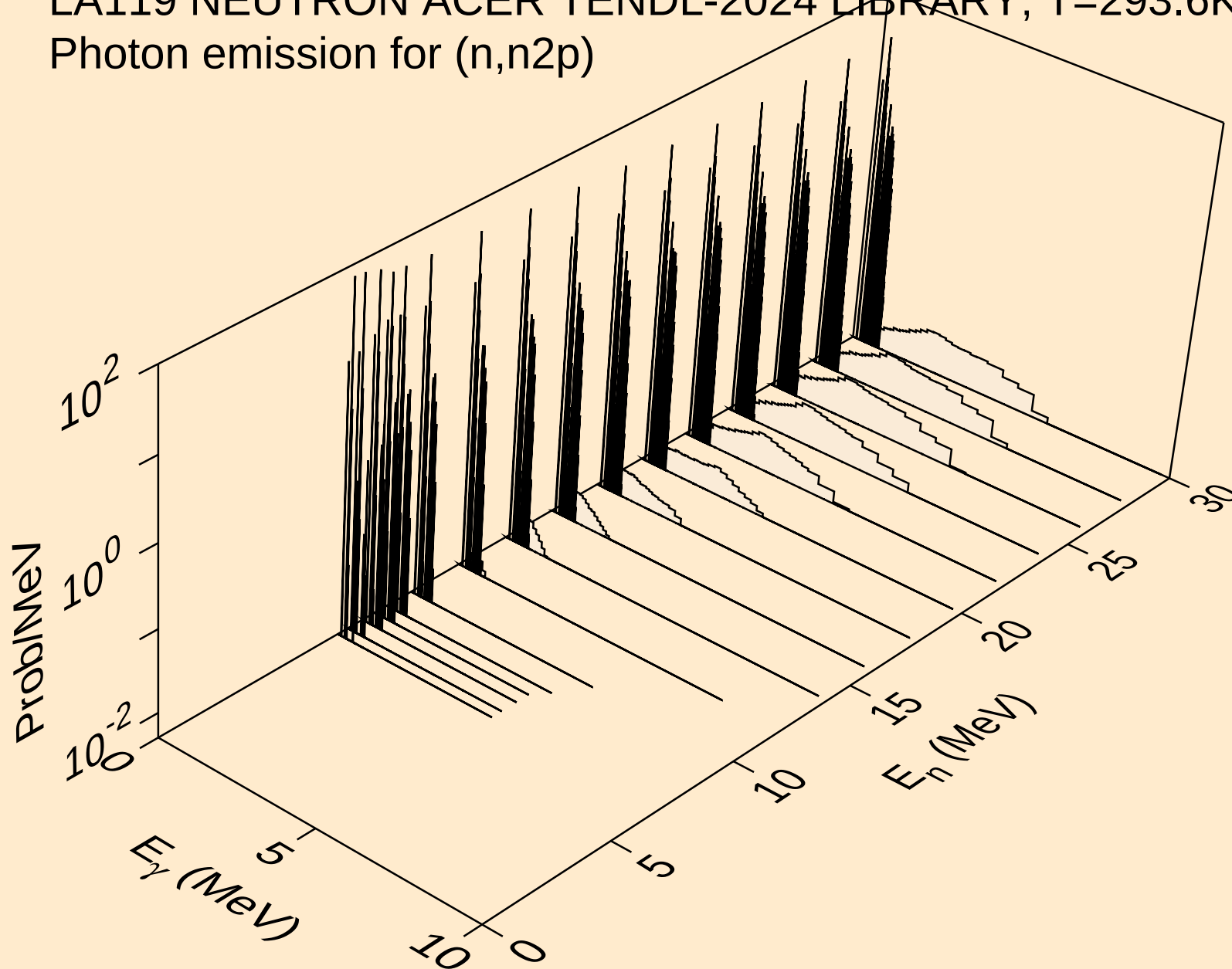
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



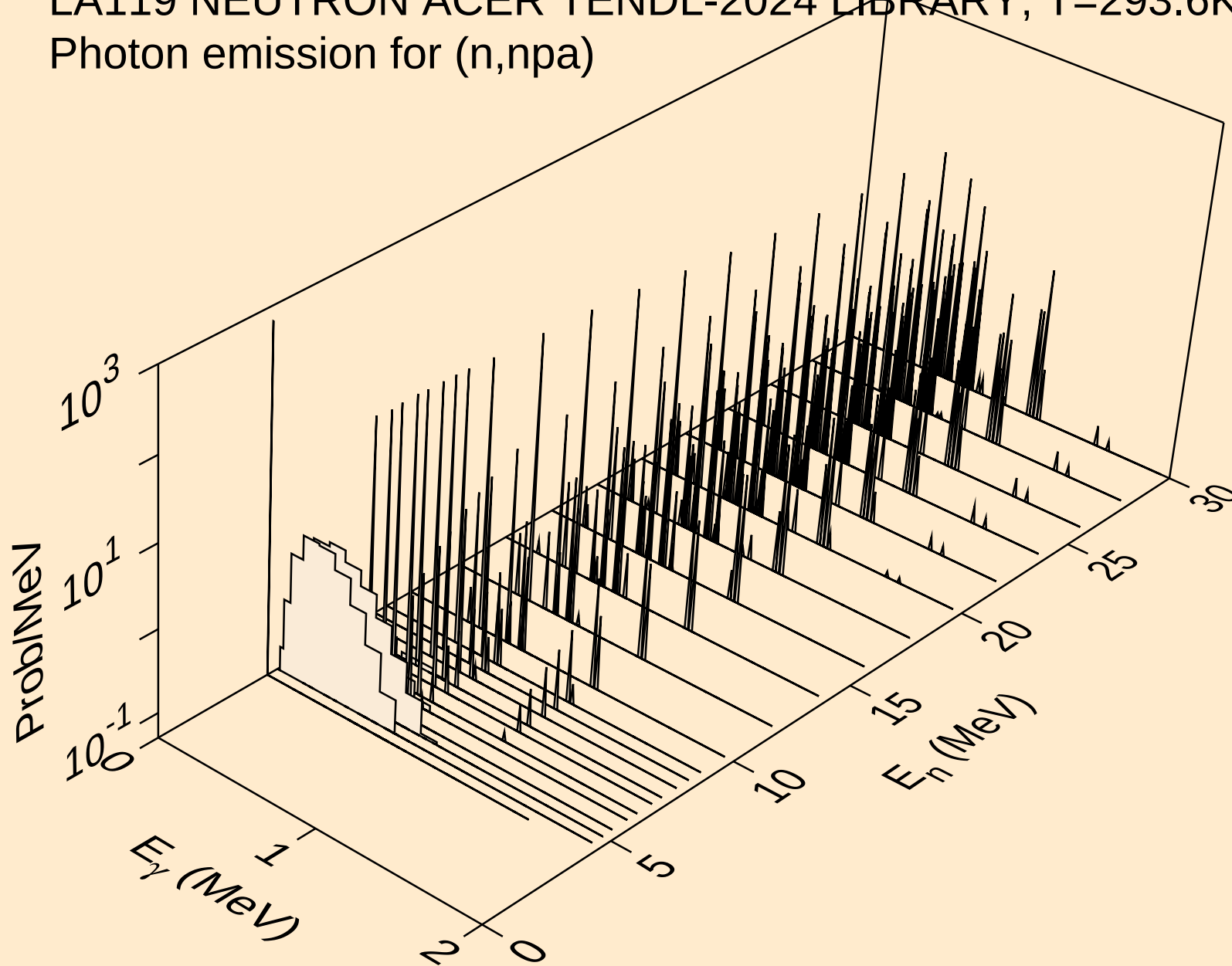
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



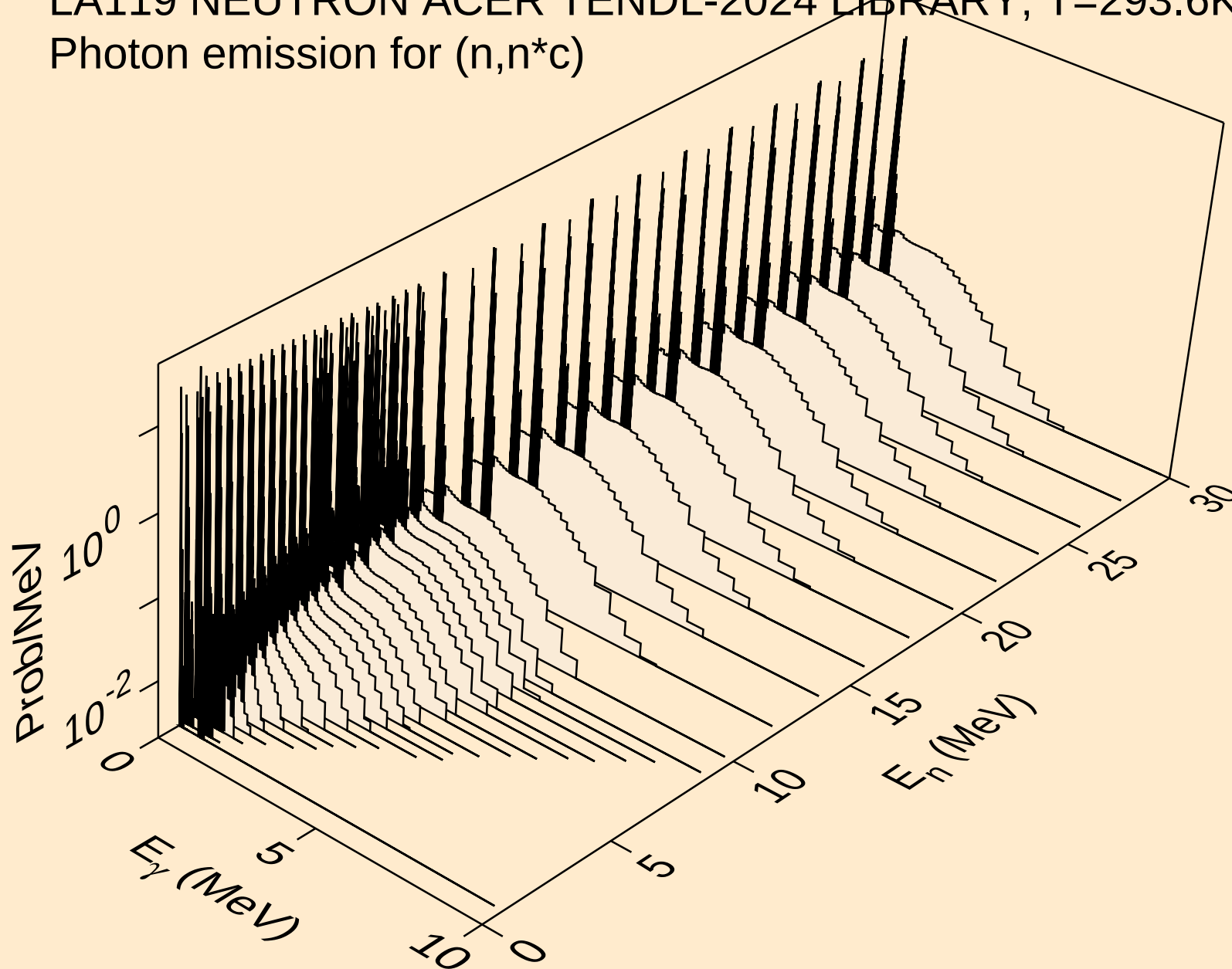
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



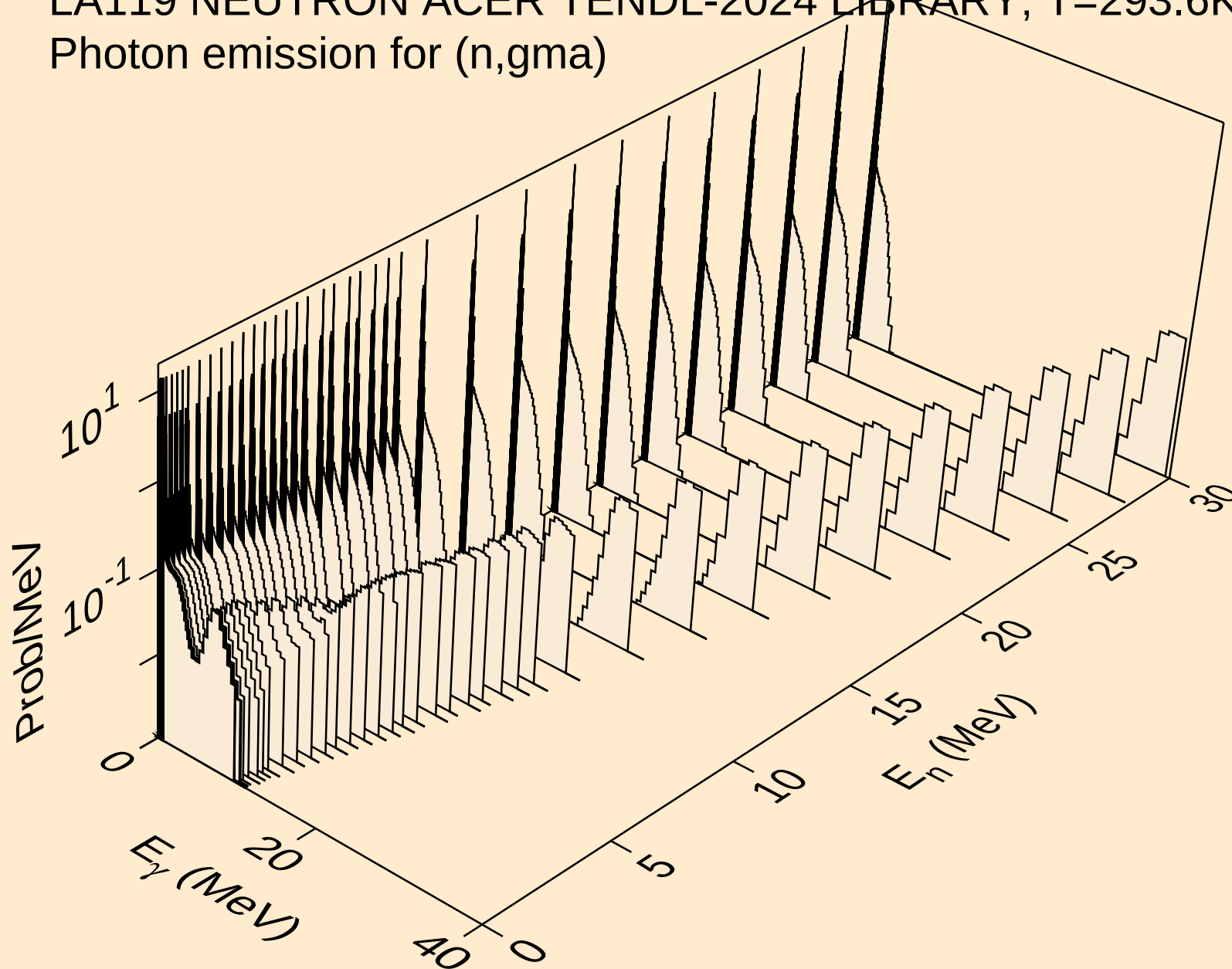
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



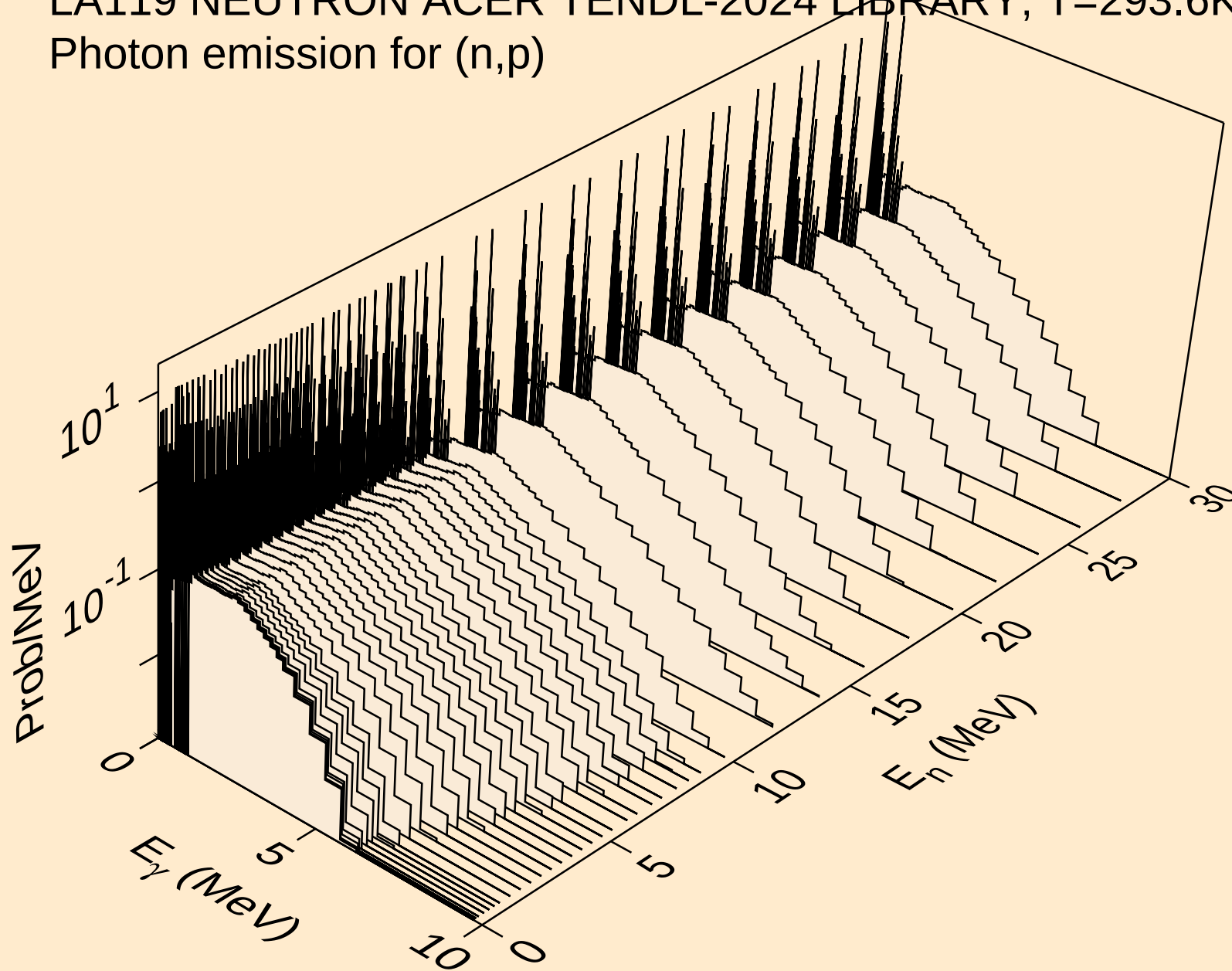
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



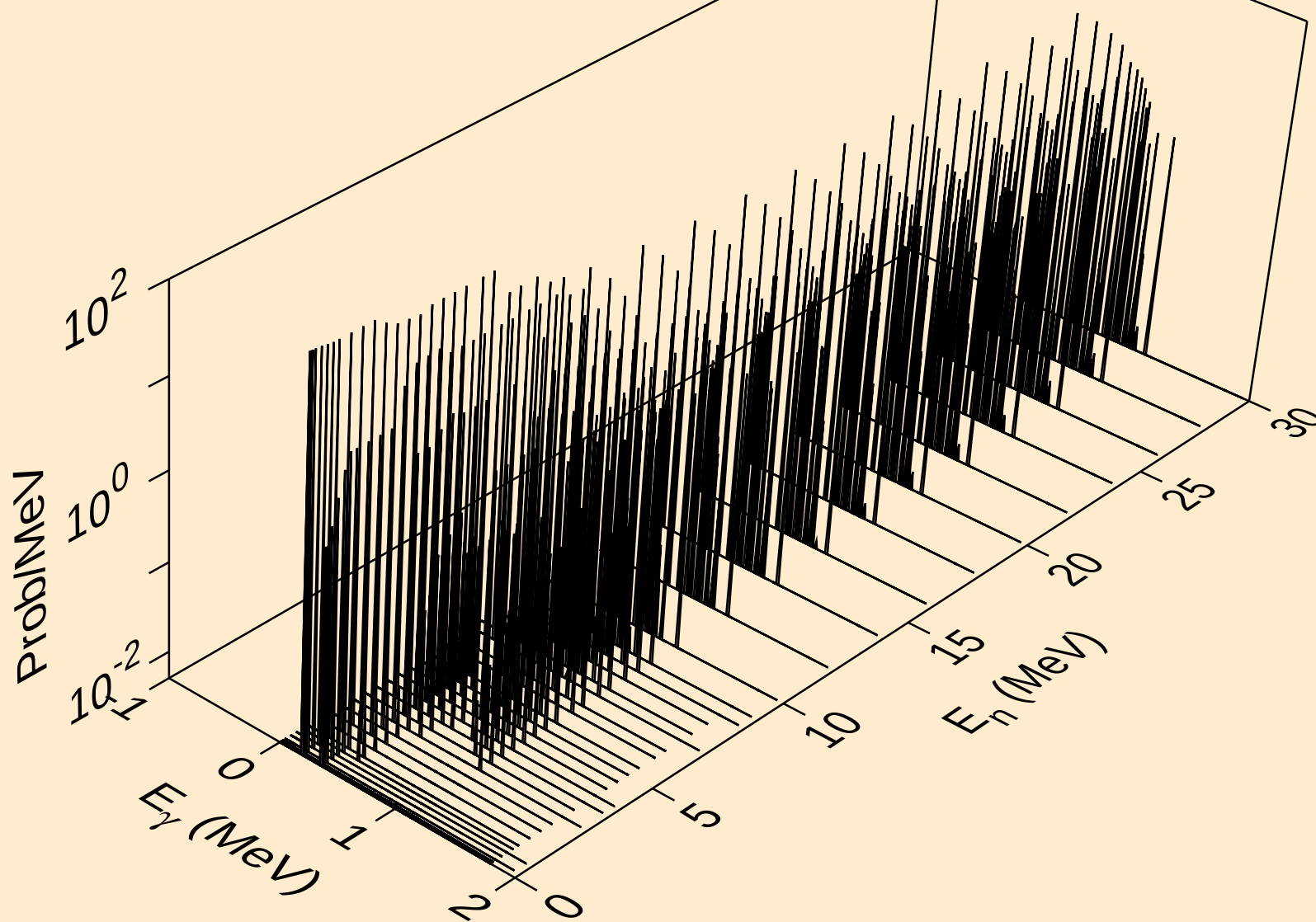
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



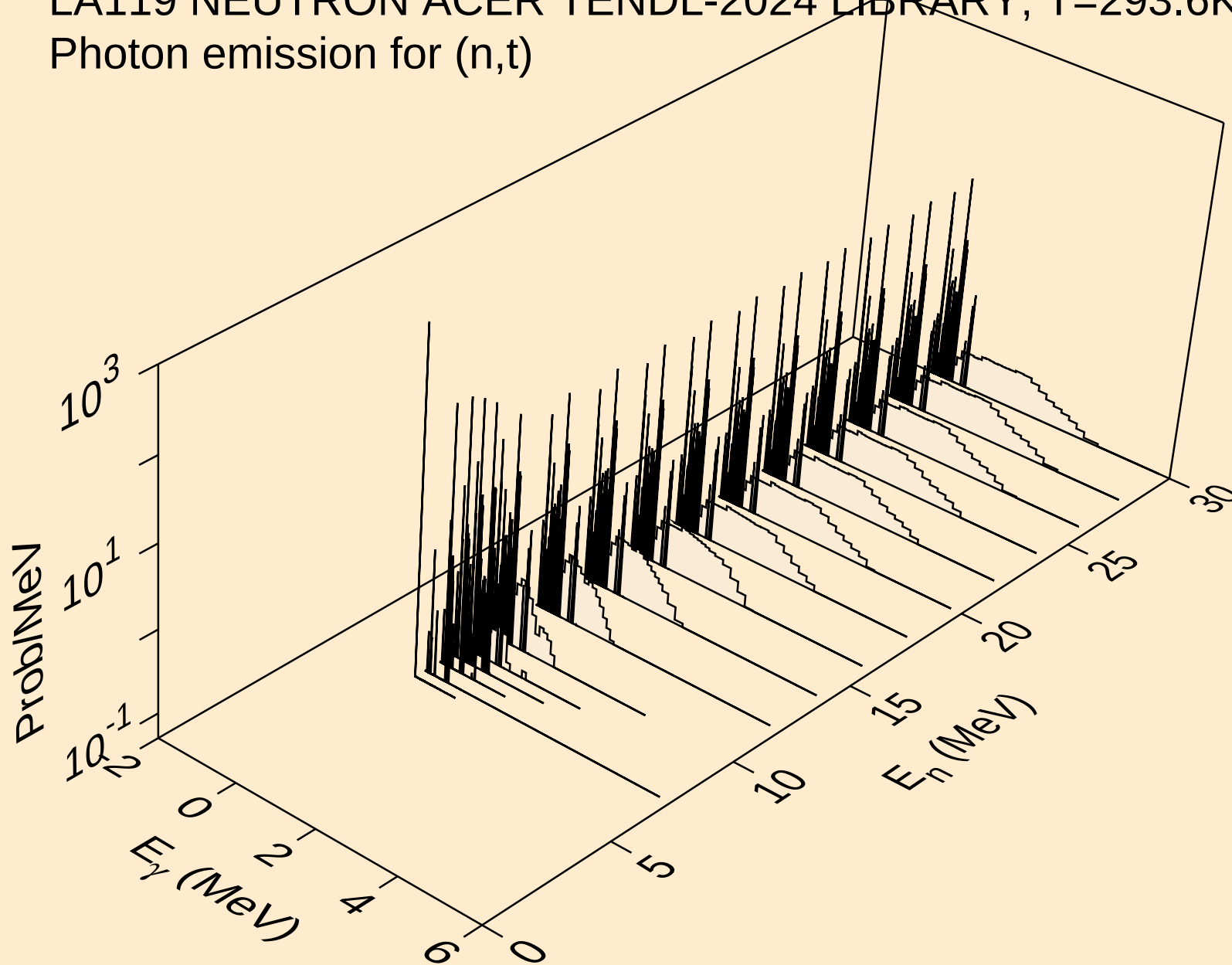
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



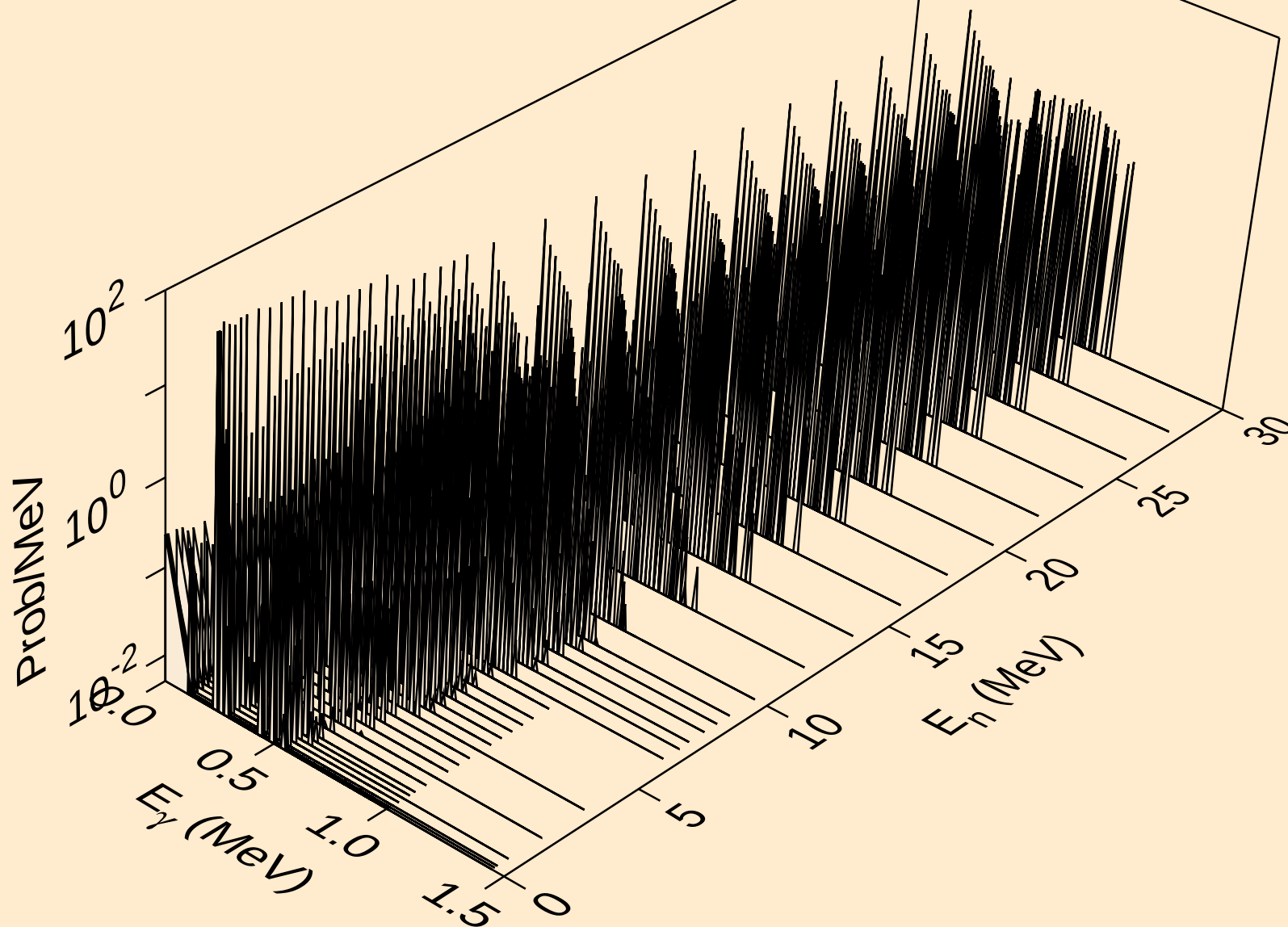
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



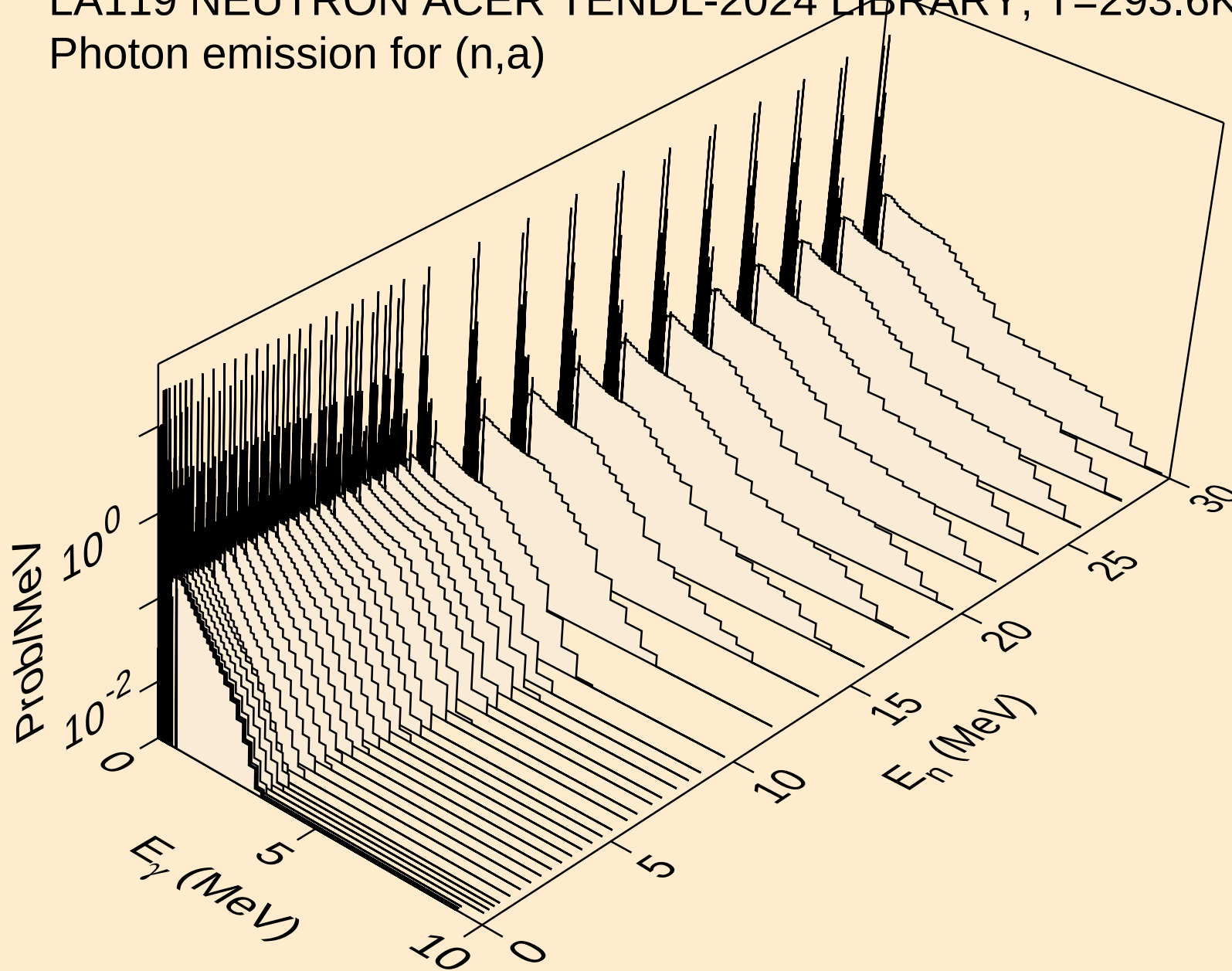
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



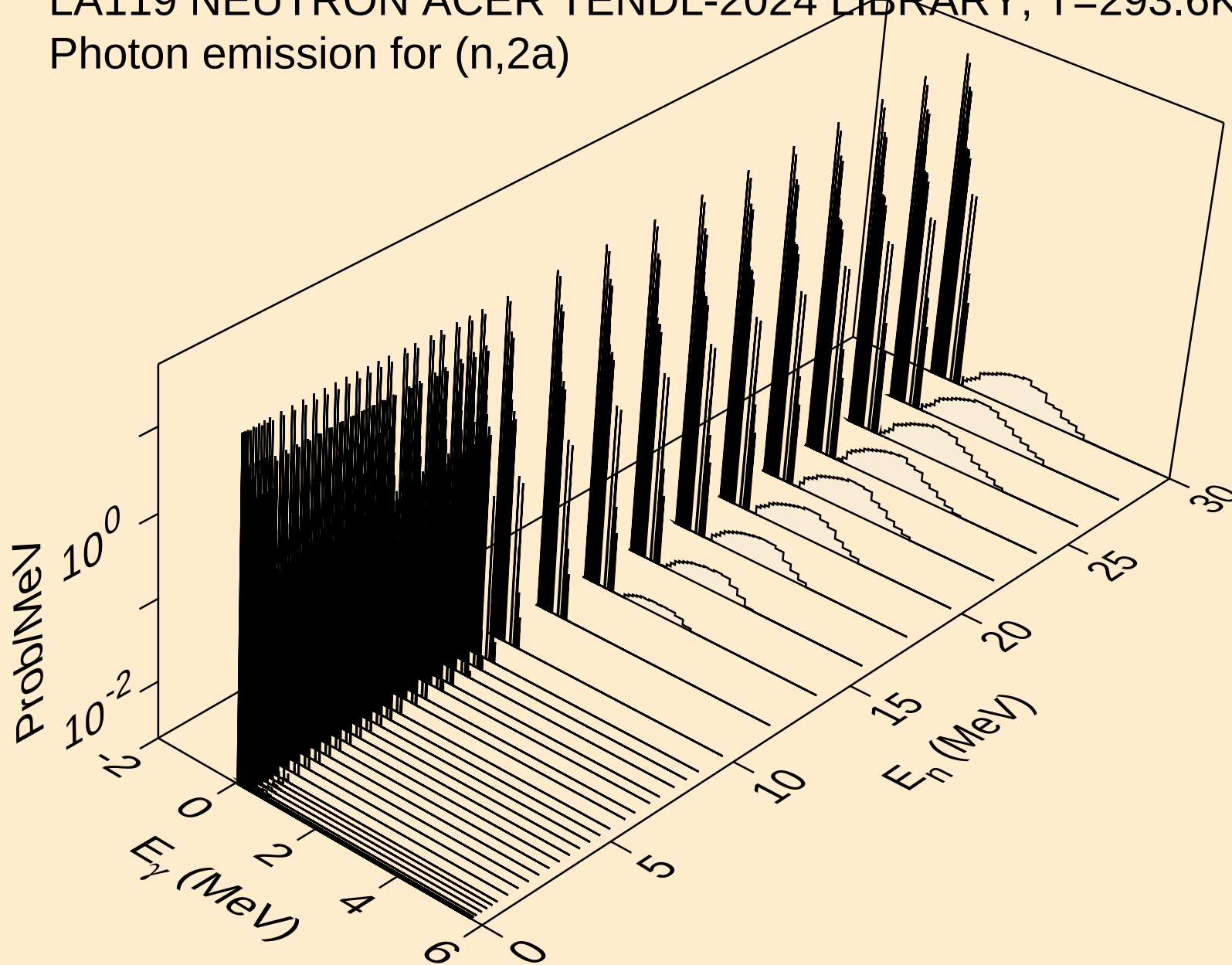
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



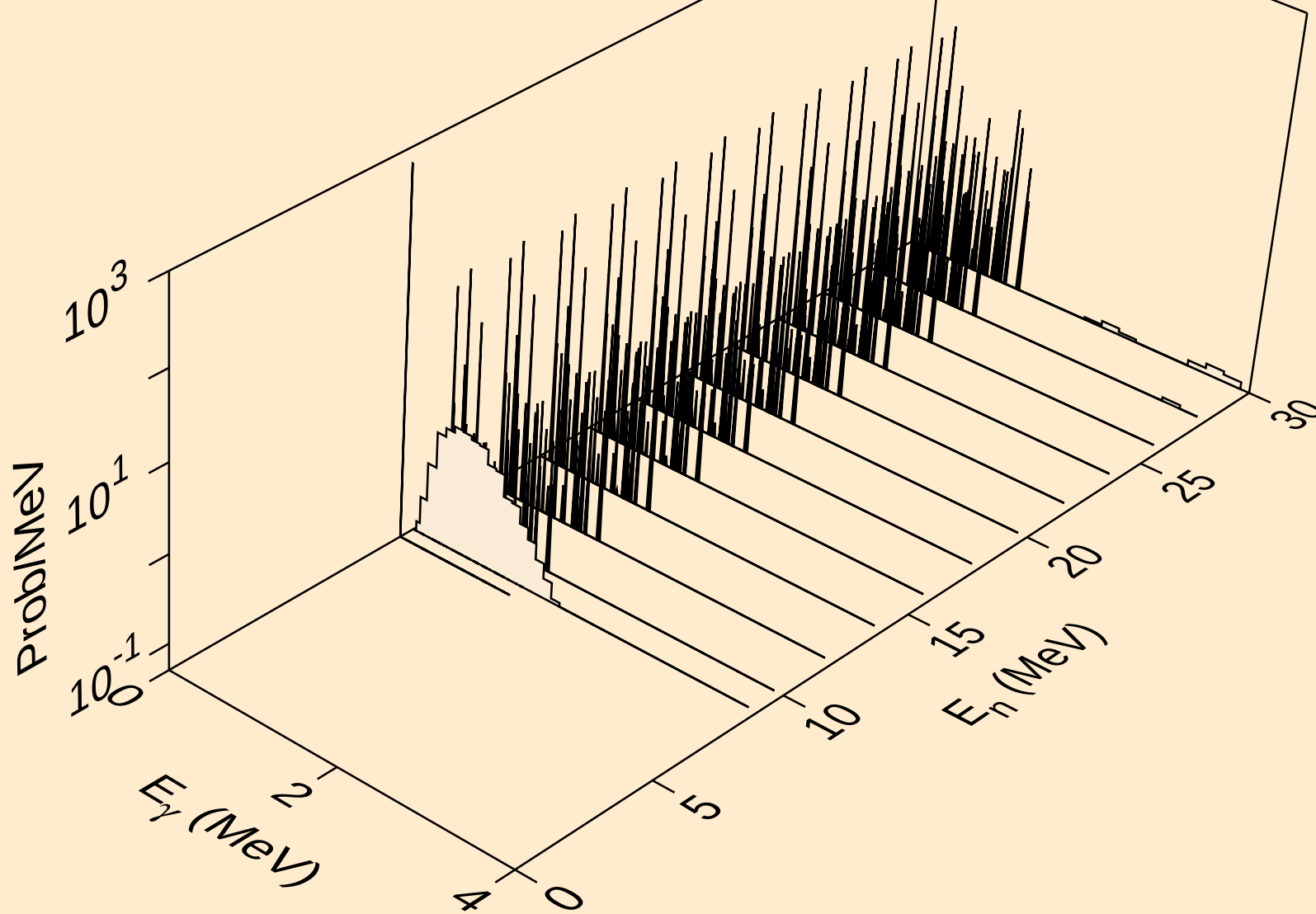
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



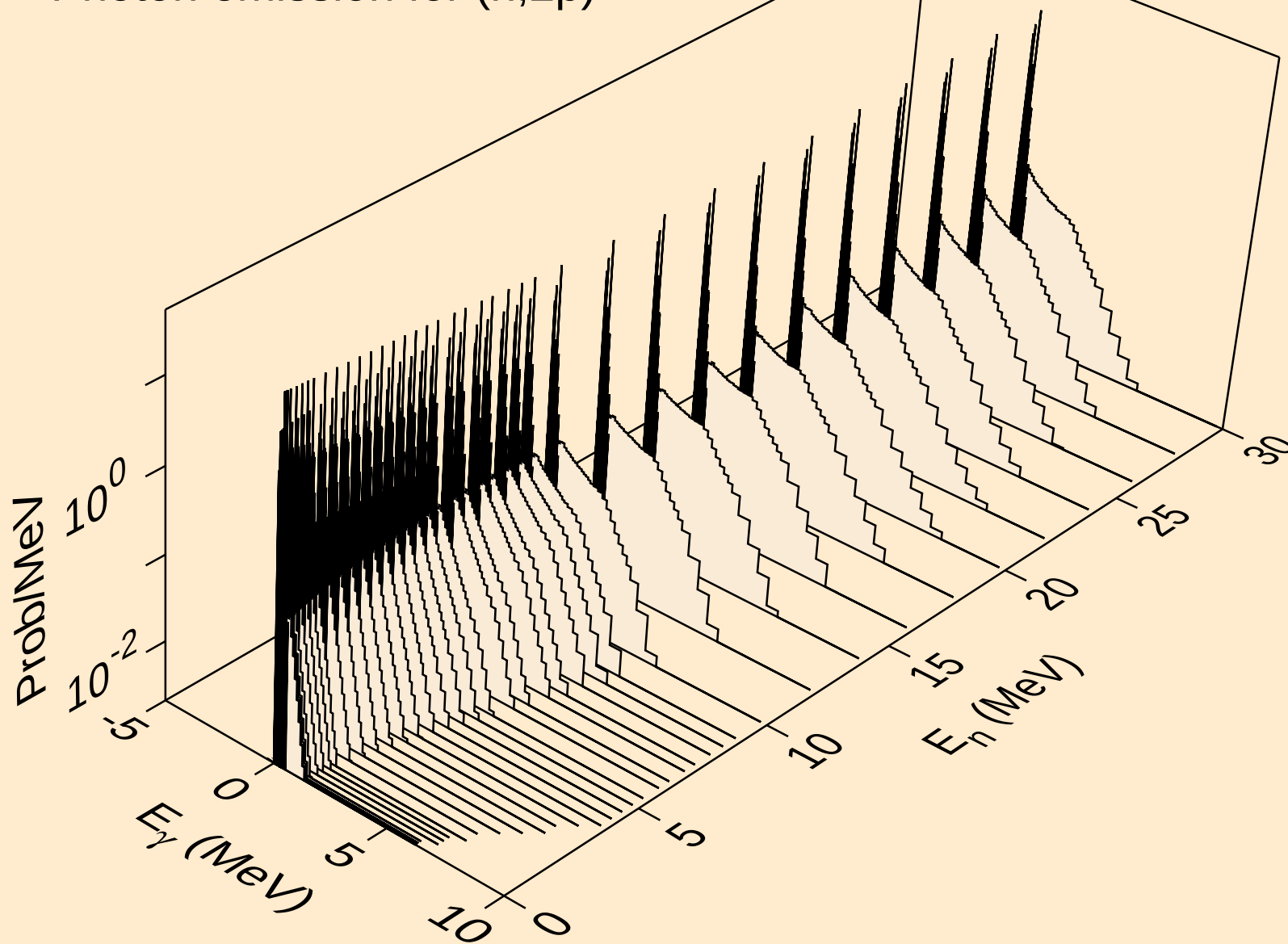
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



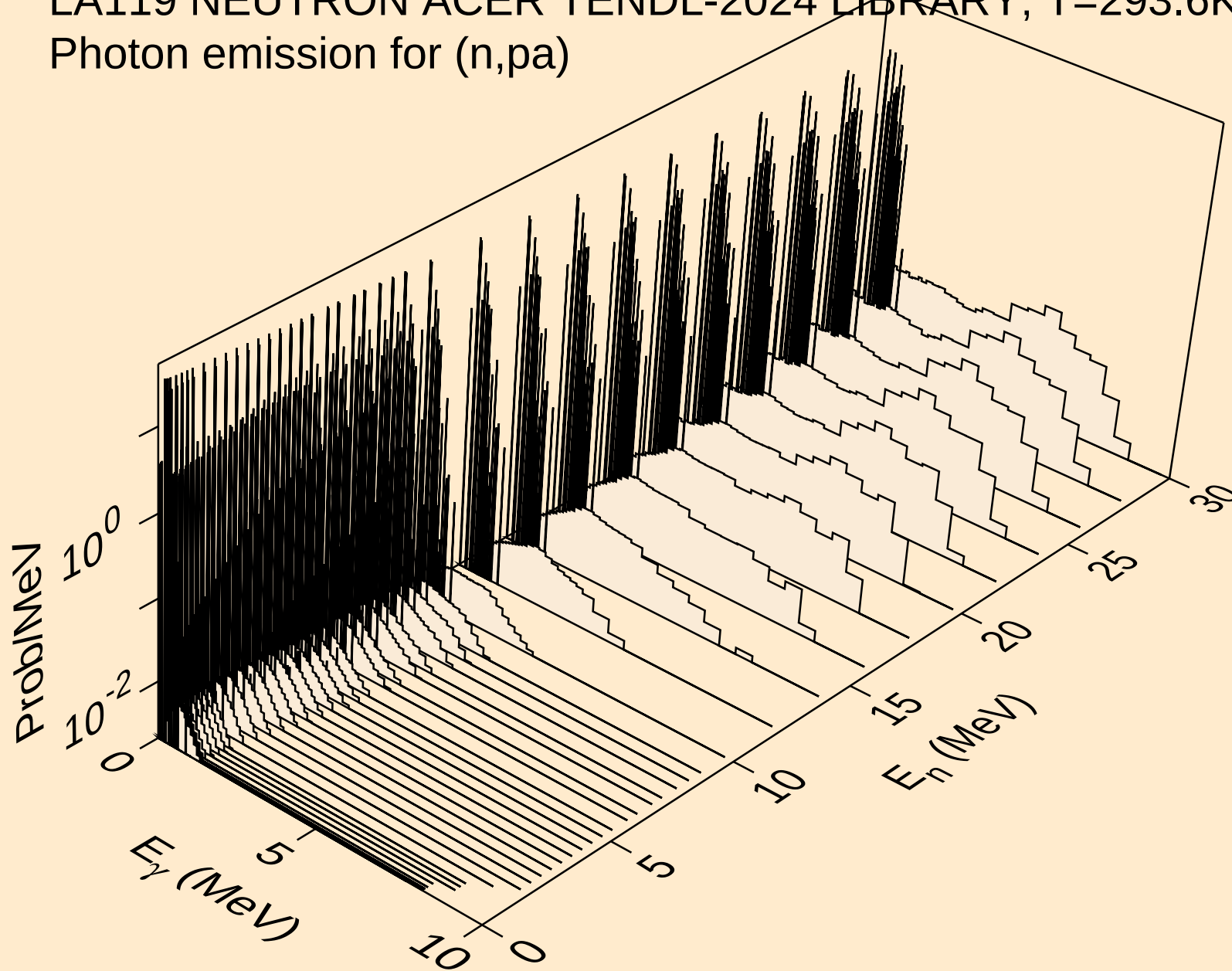
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3a)



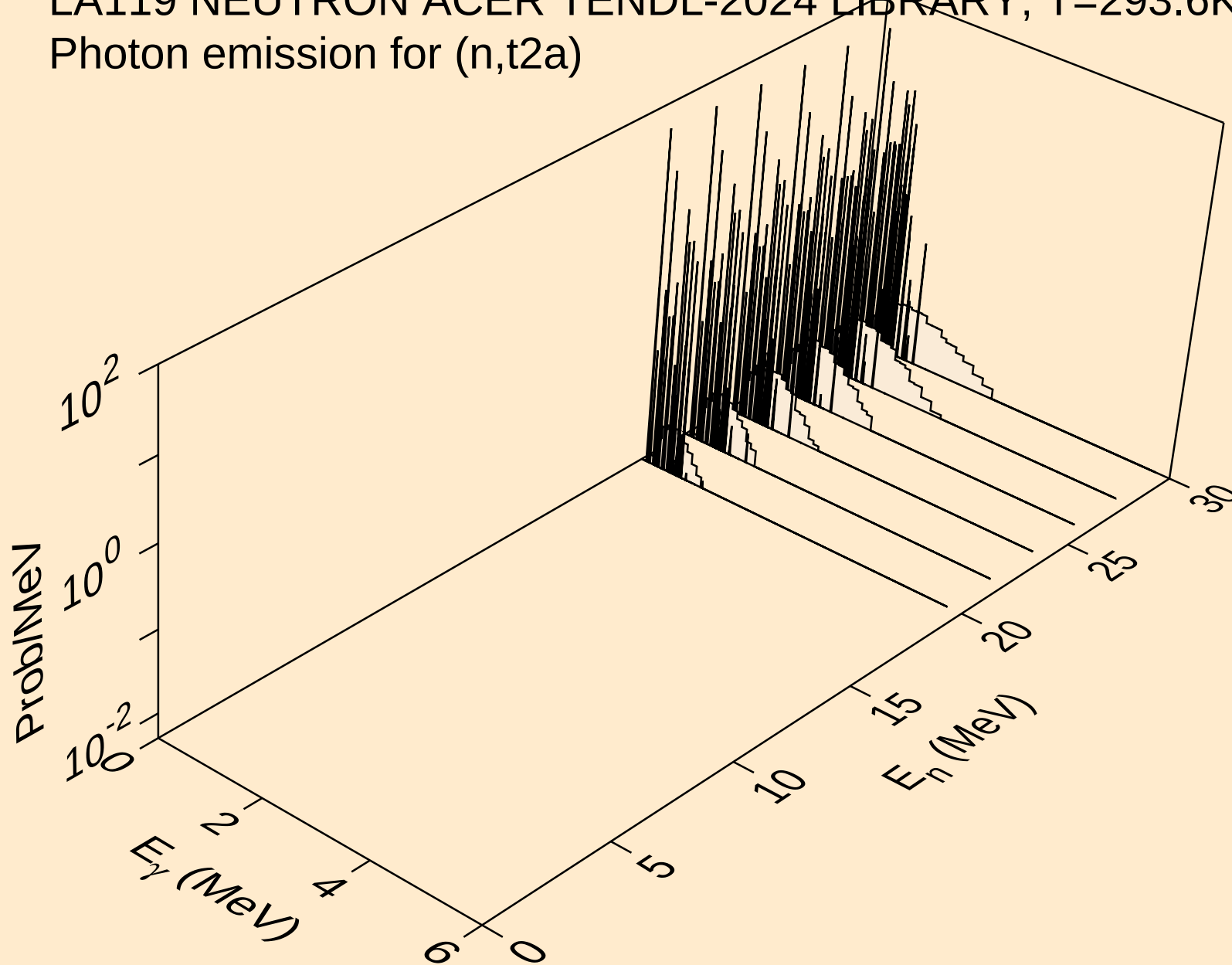
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



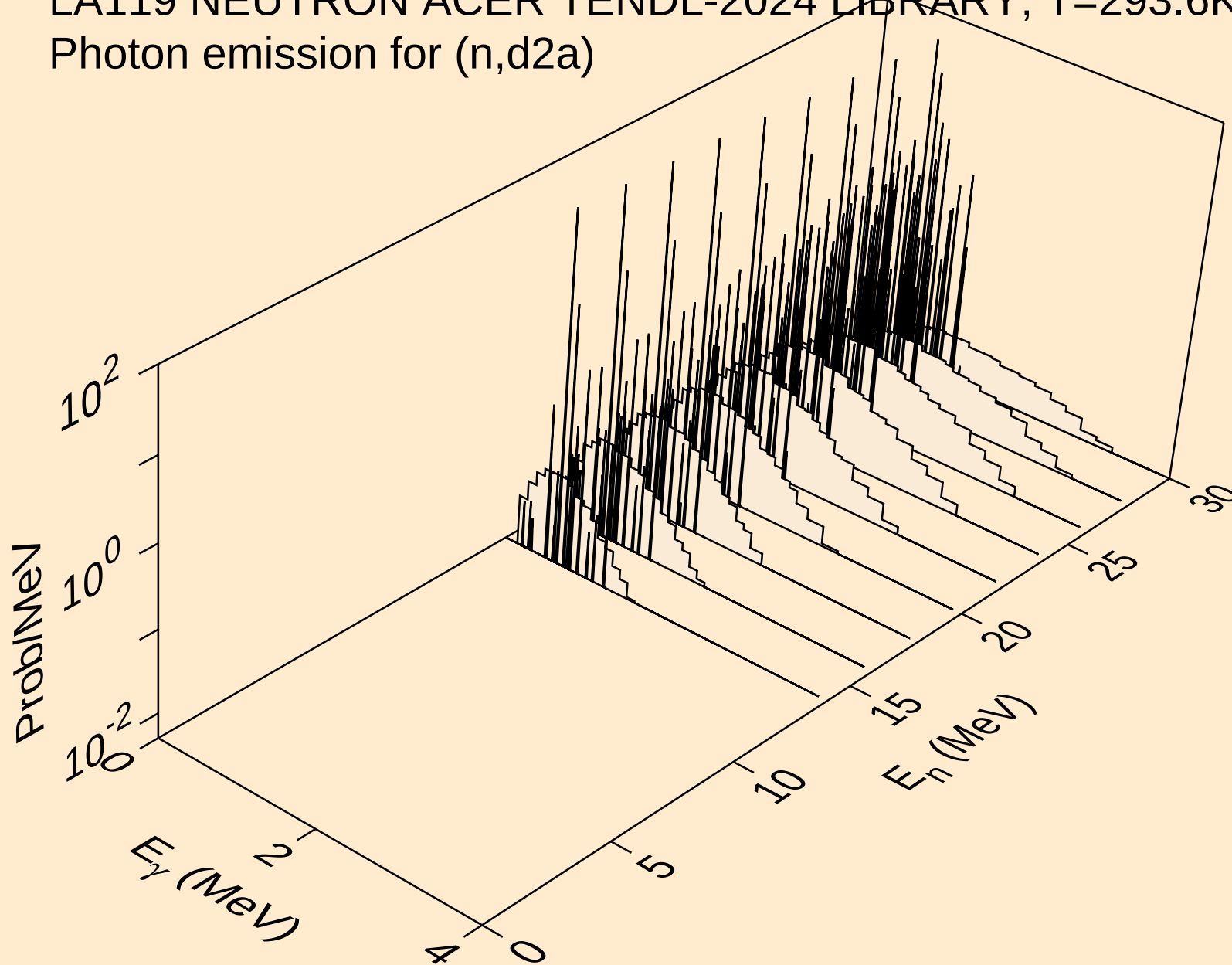
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



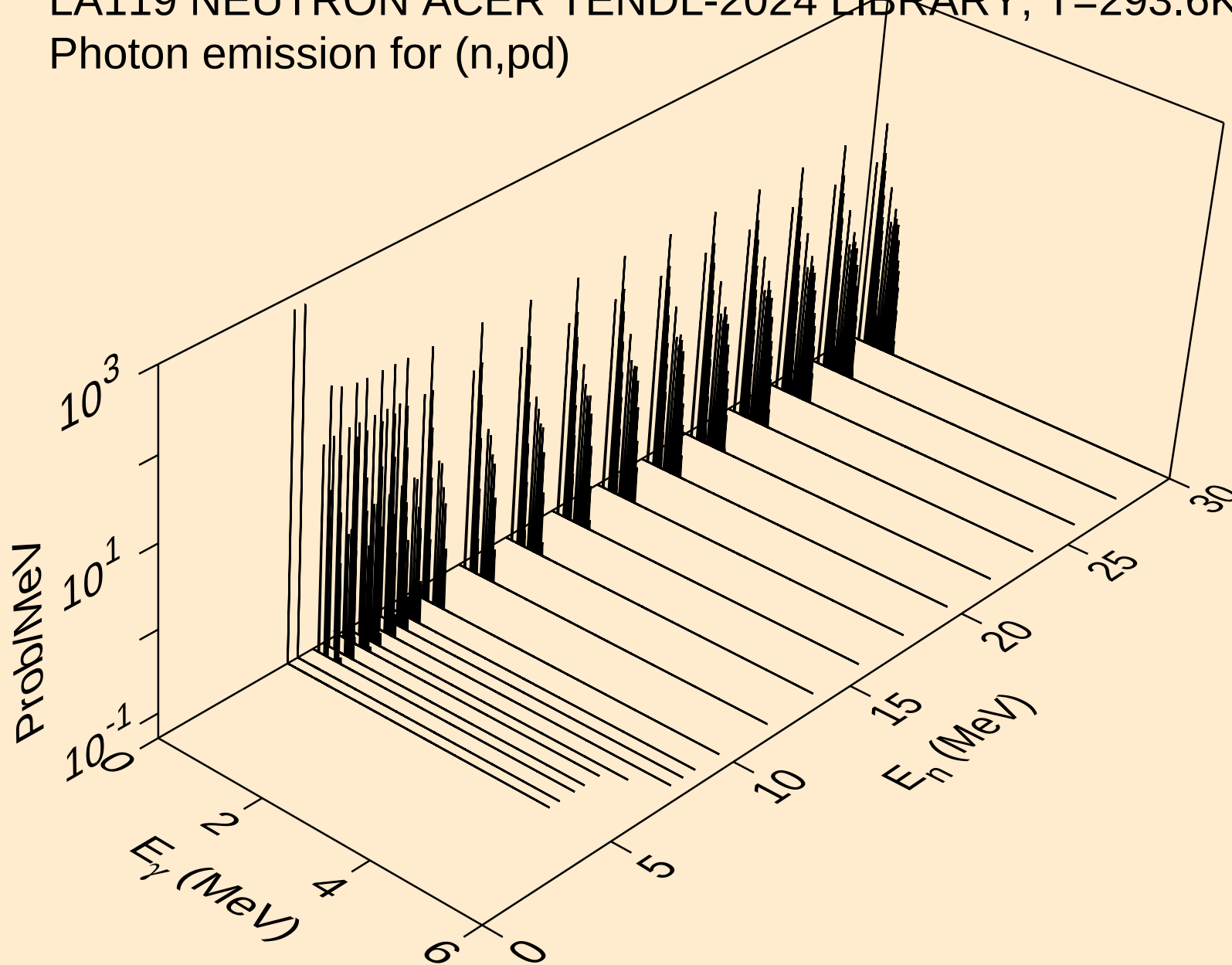
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t2a)



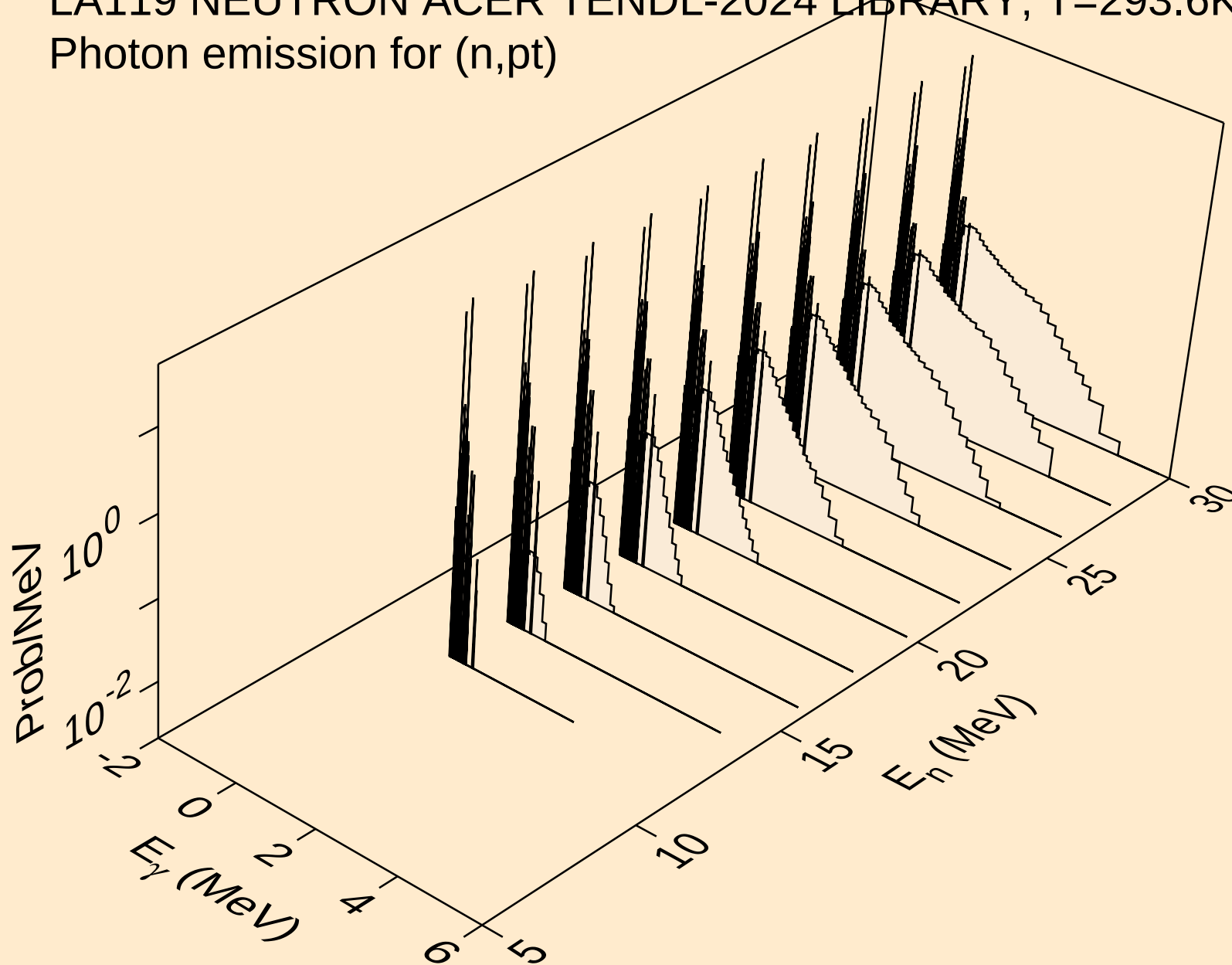
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d2a)



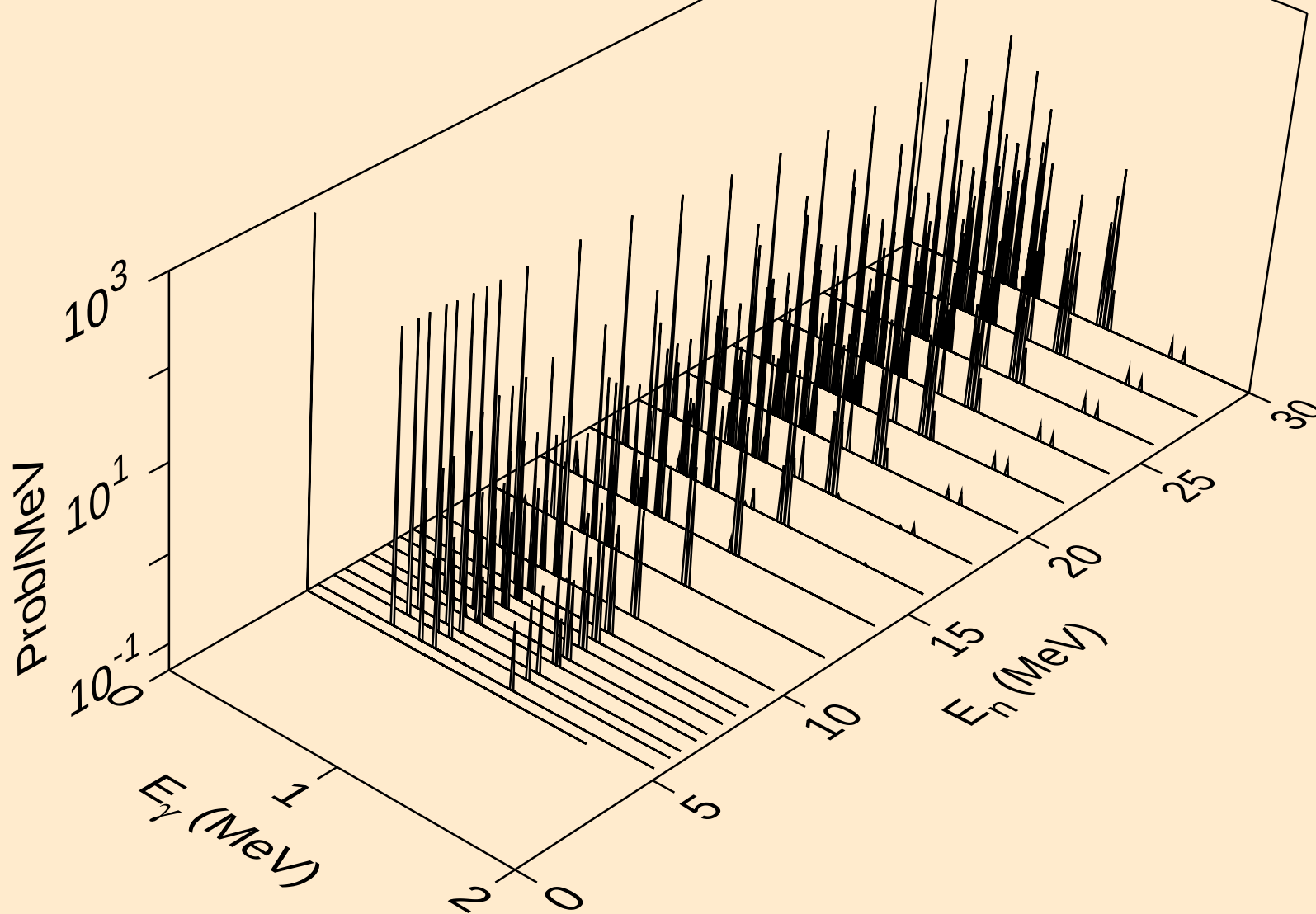
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



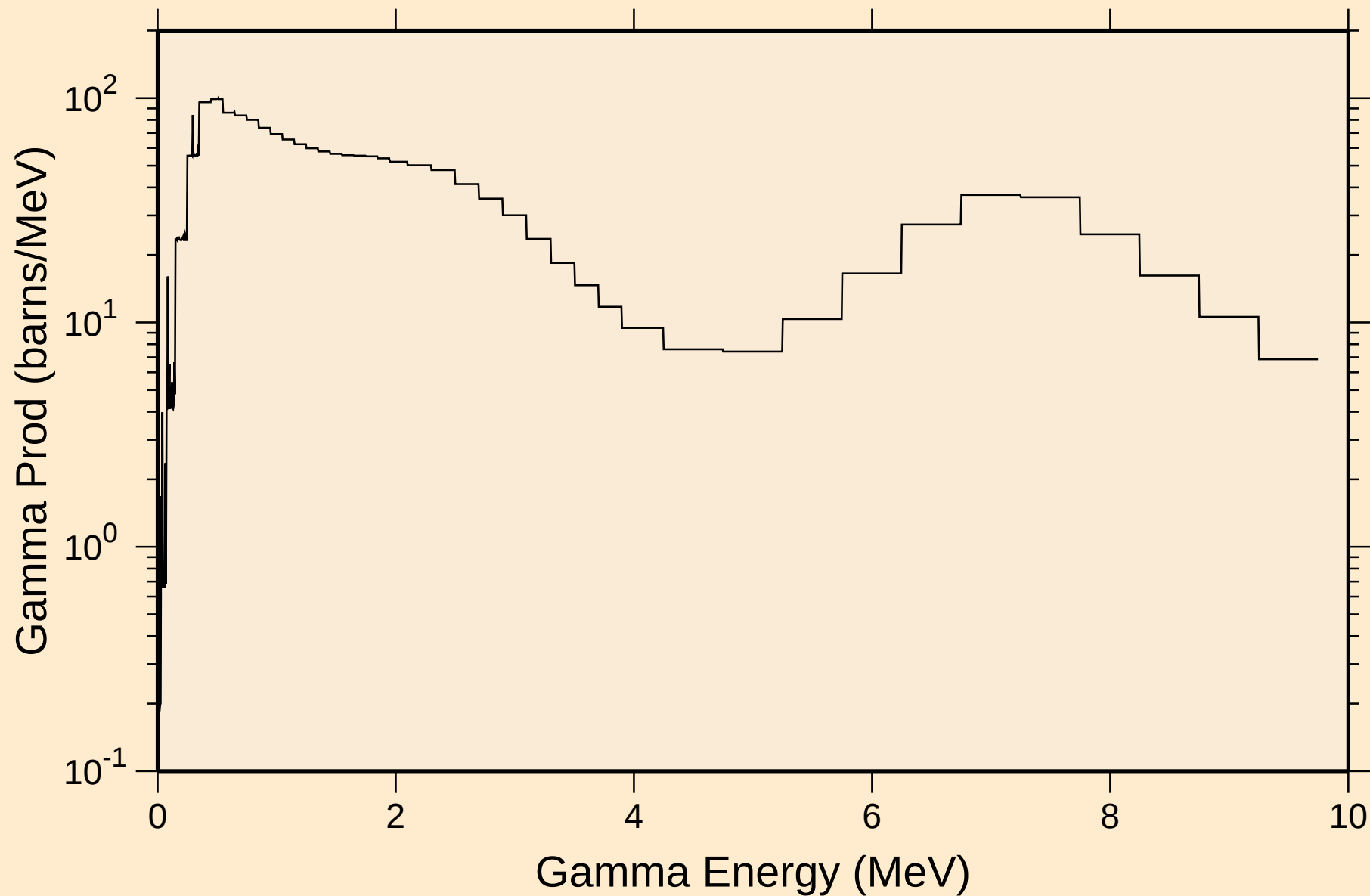
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



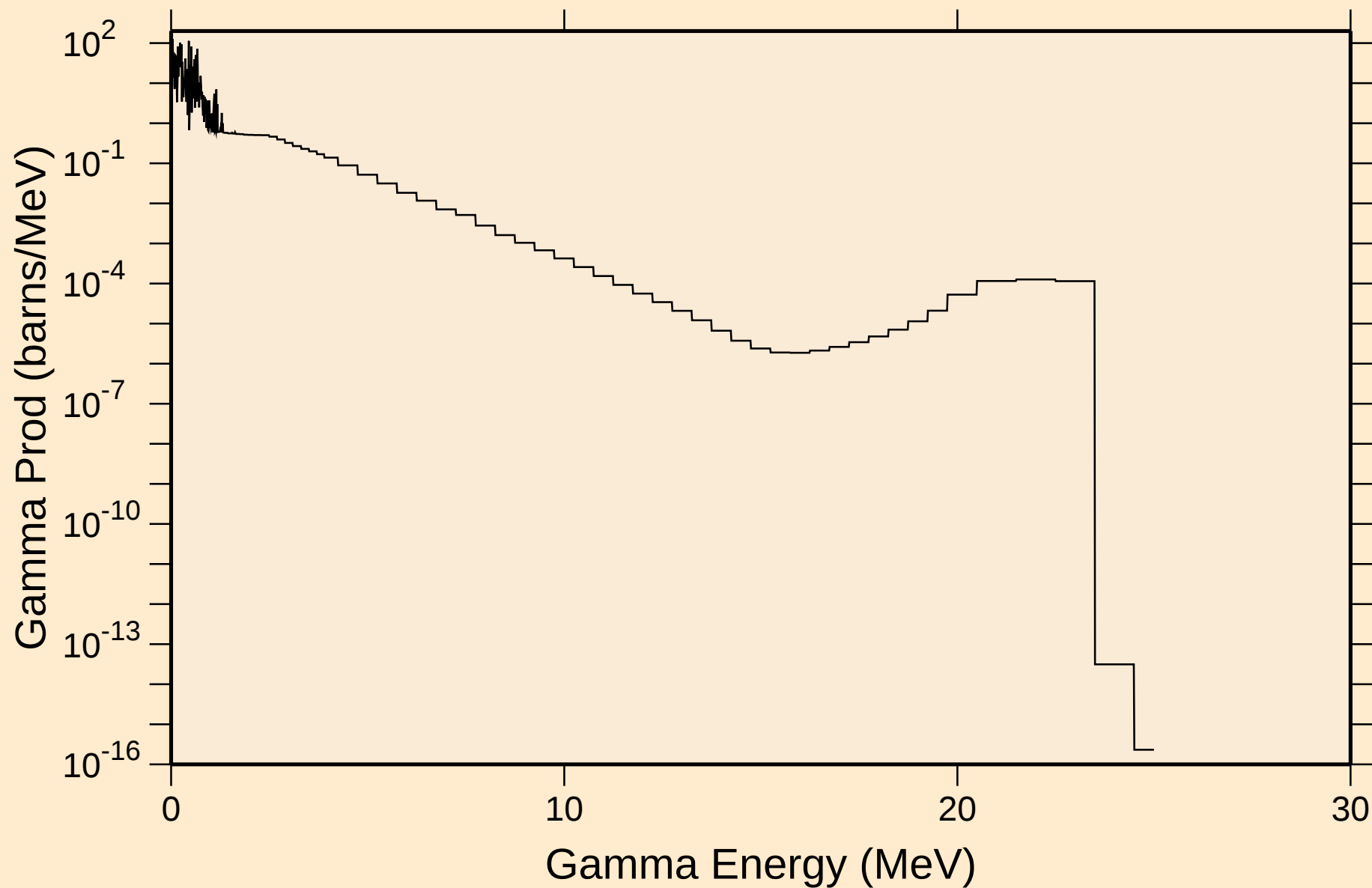
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



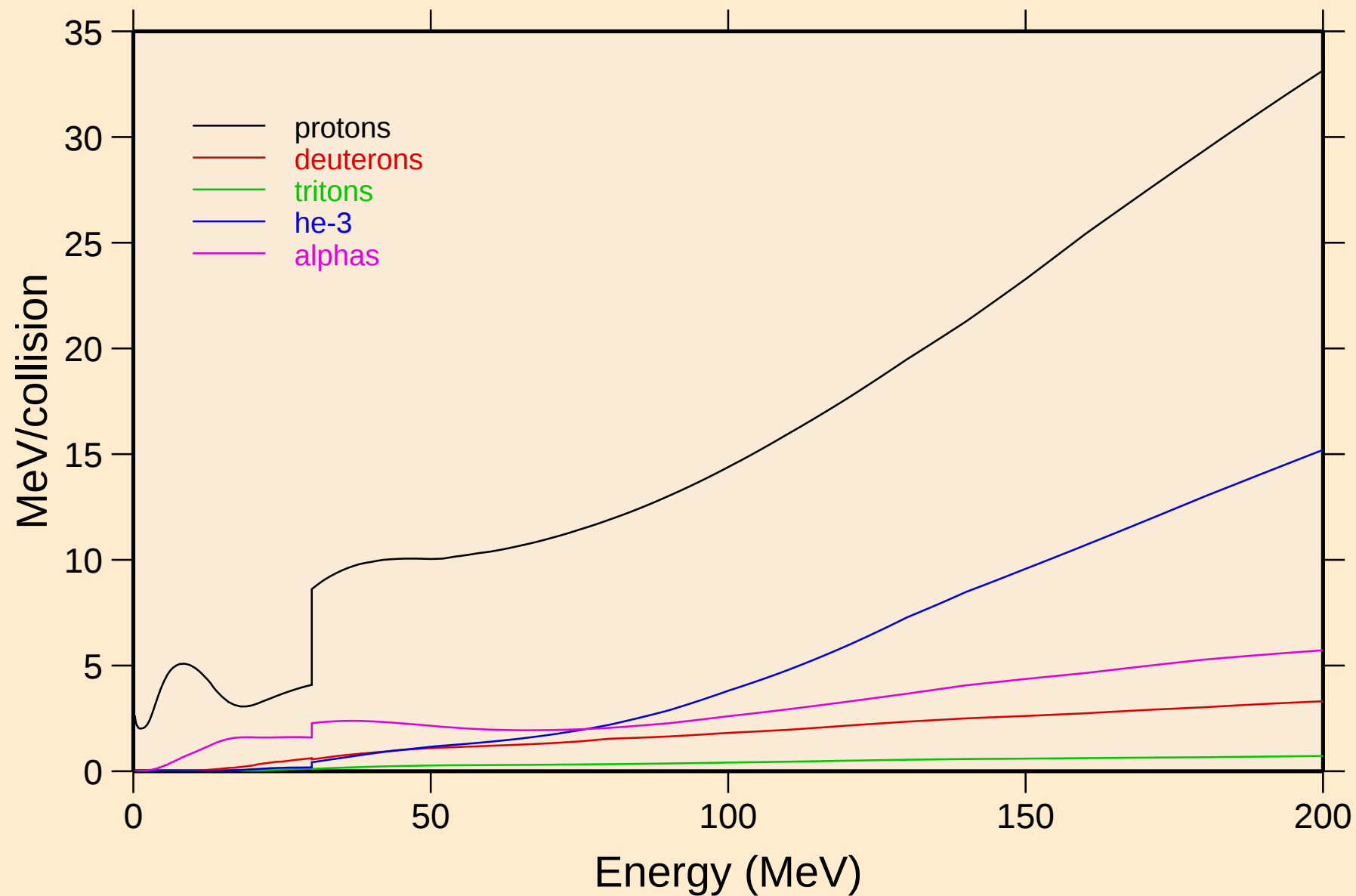
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum

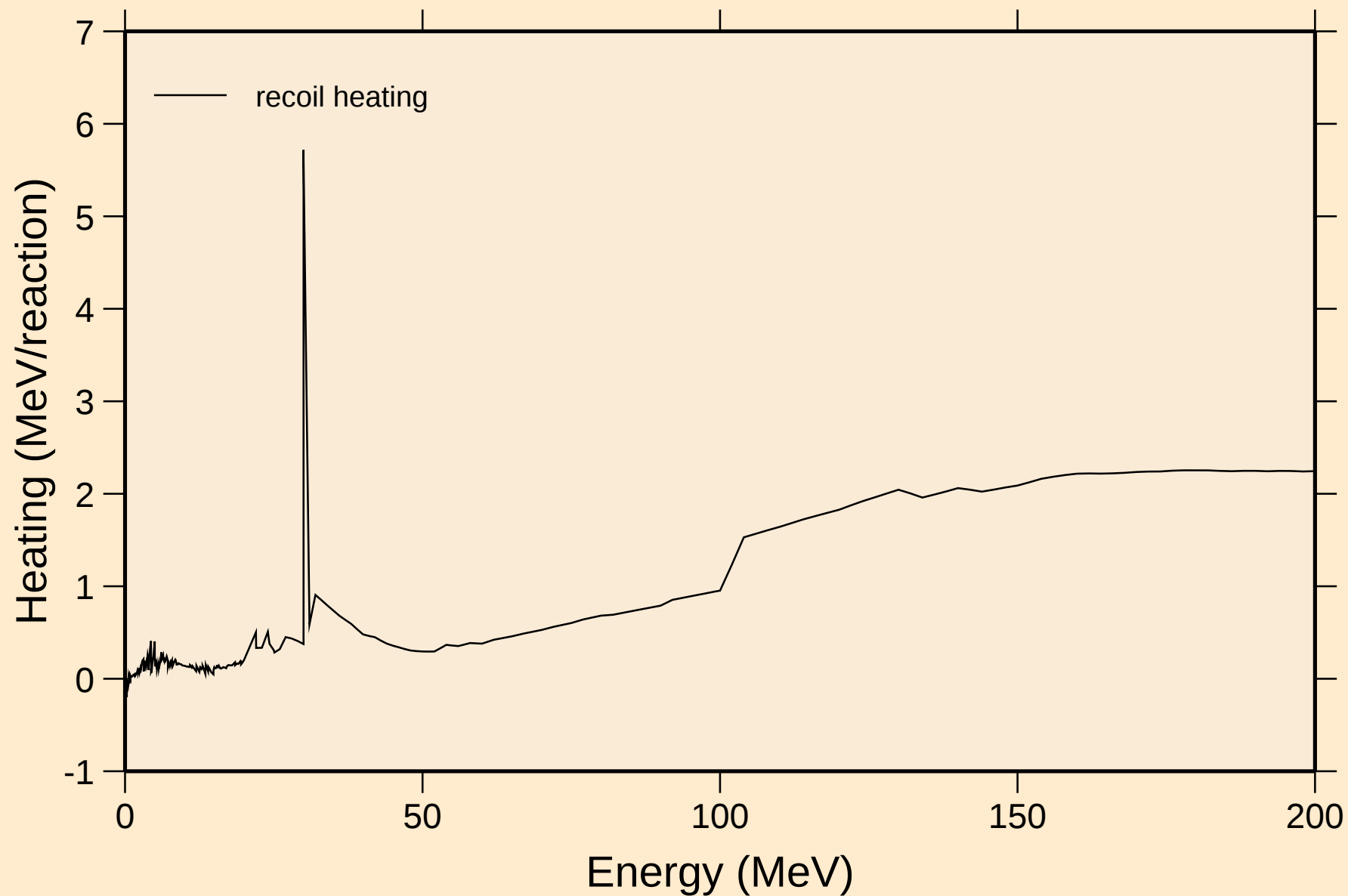


LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions

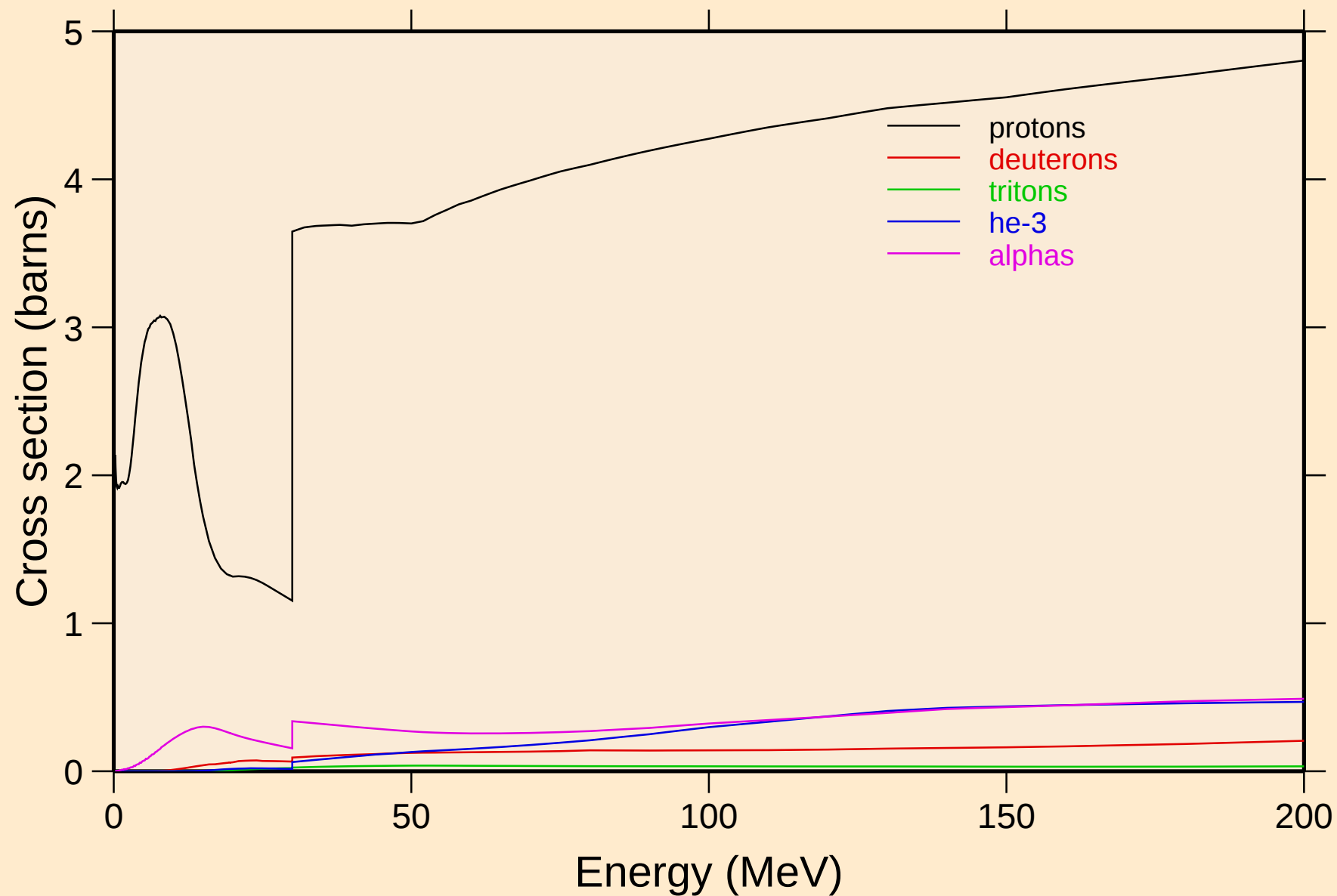


LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

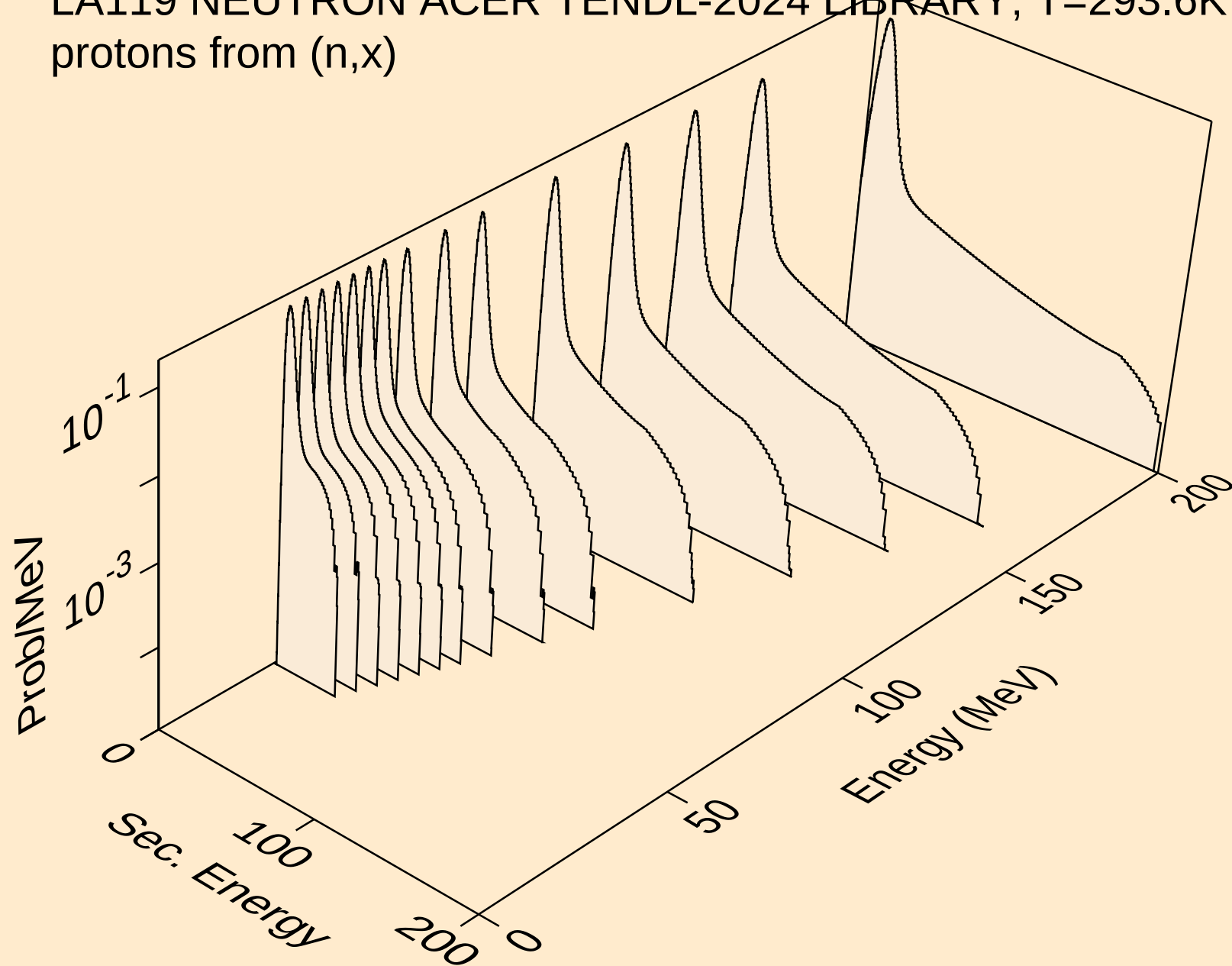
Recoil Heating



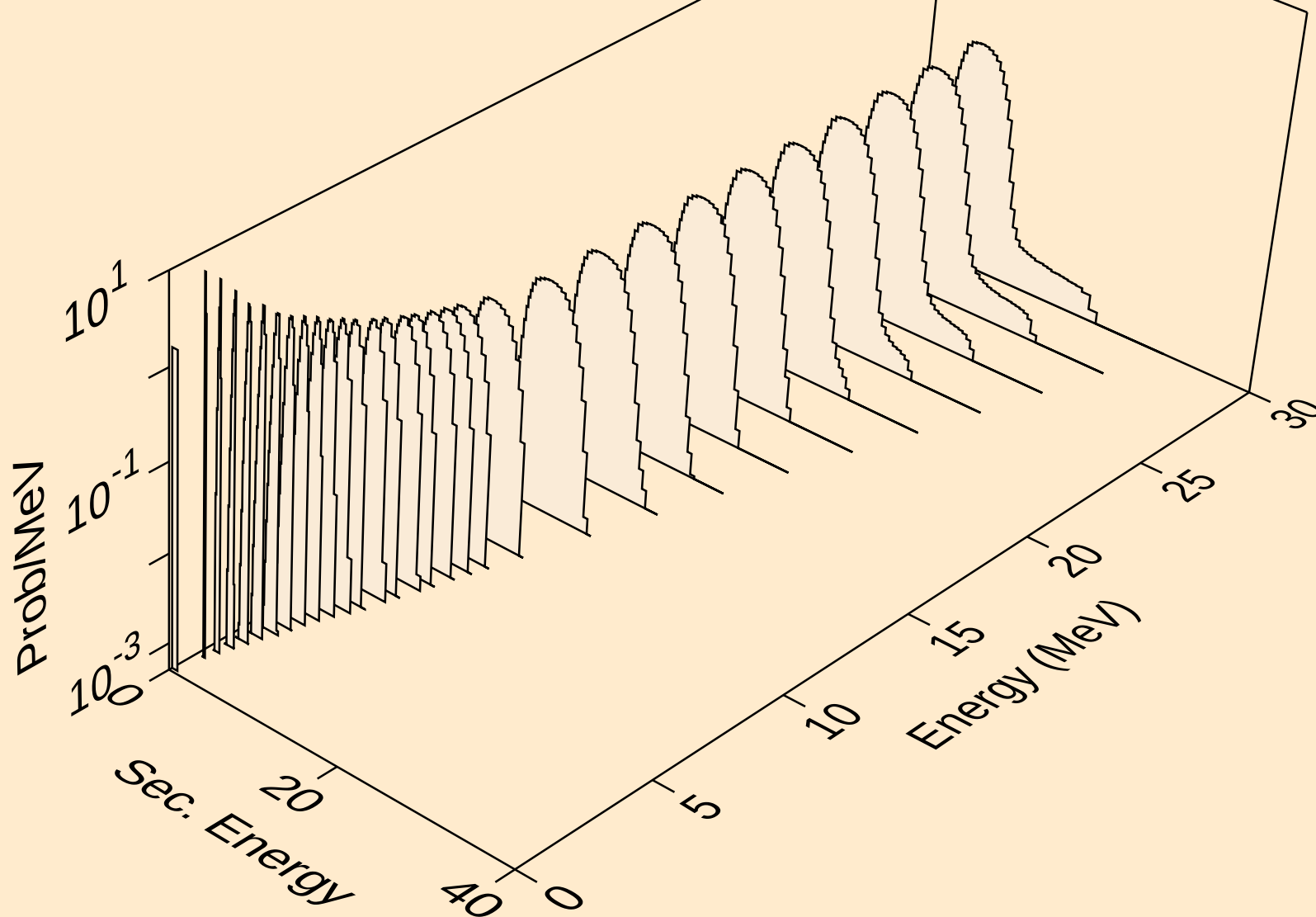
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



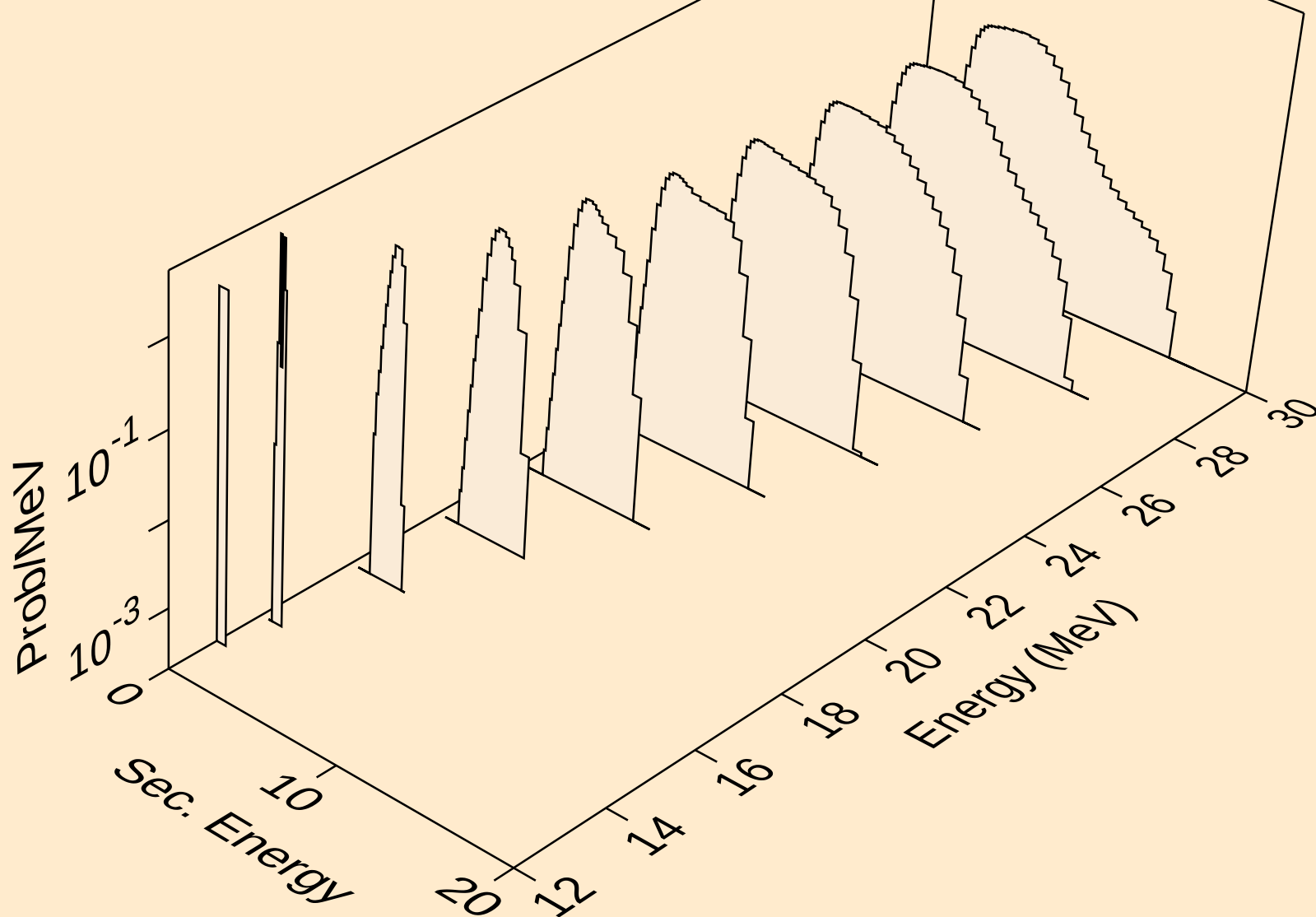
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



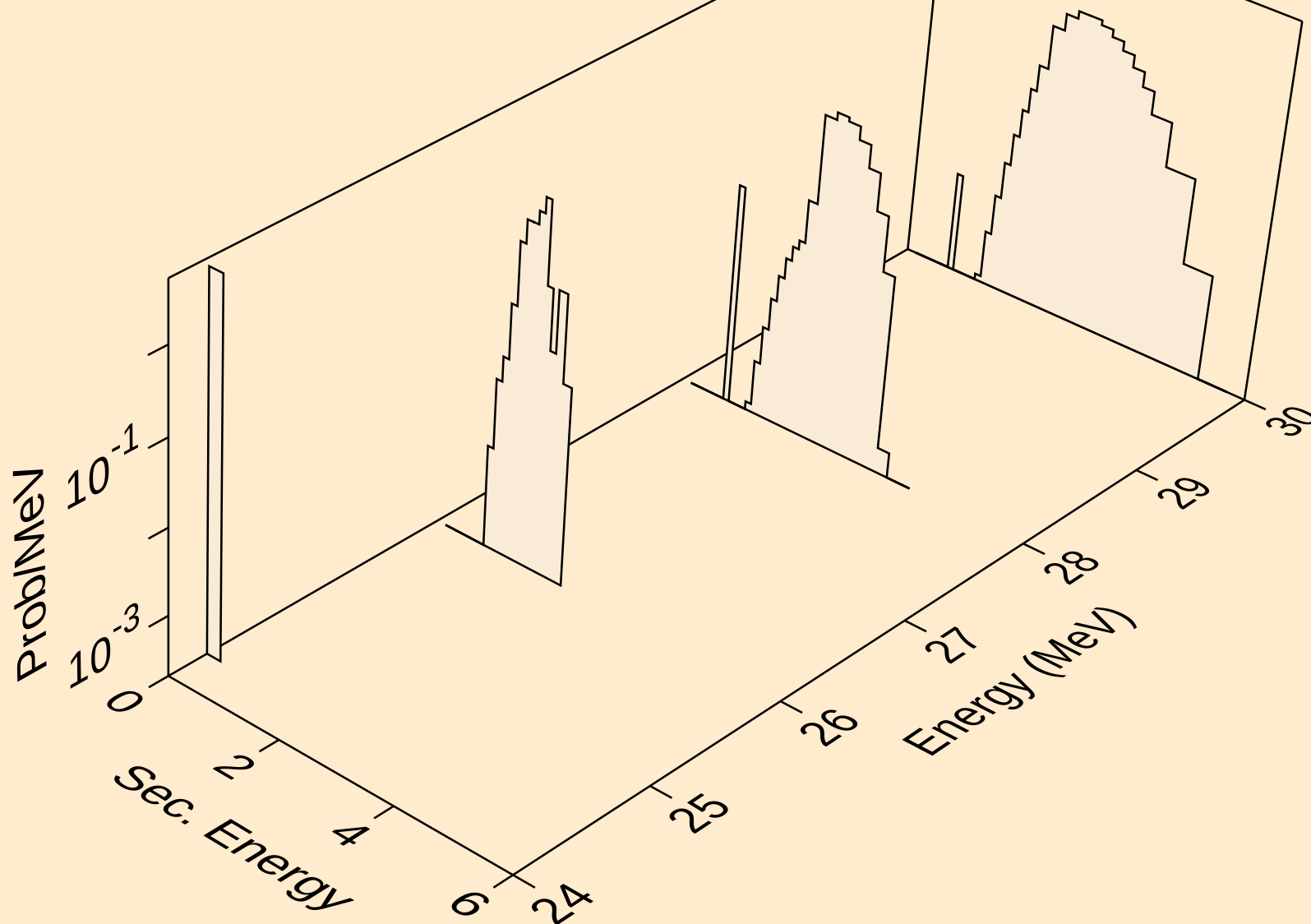
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



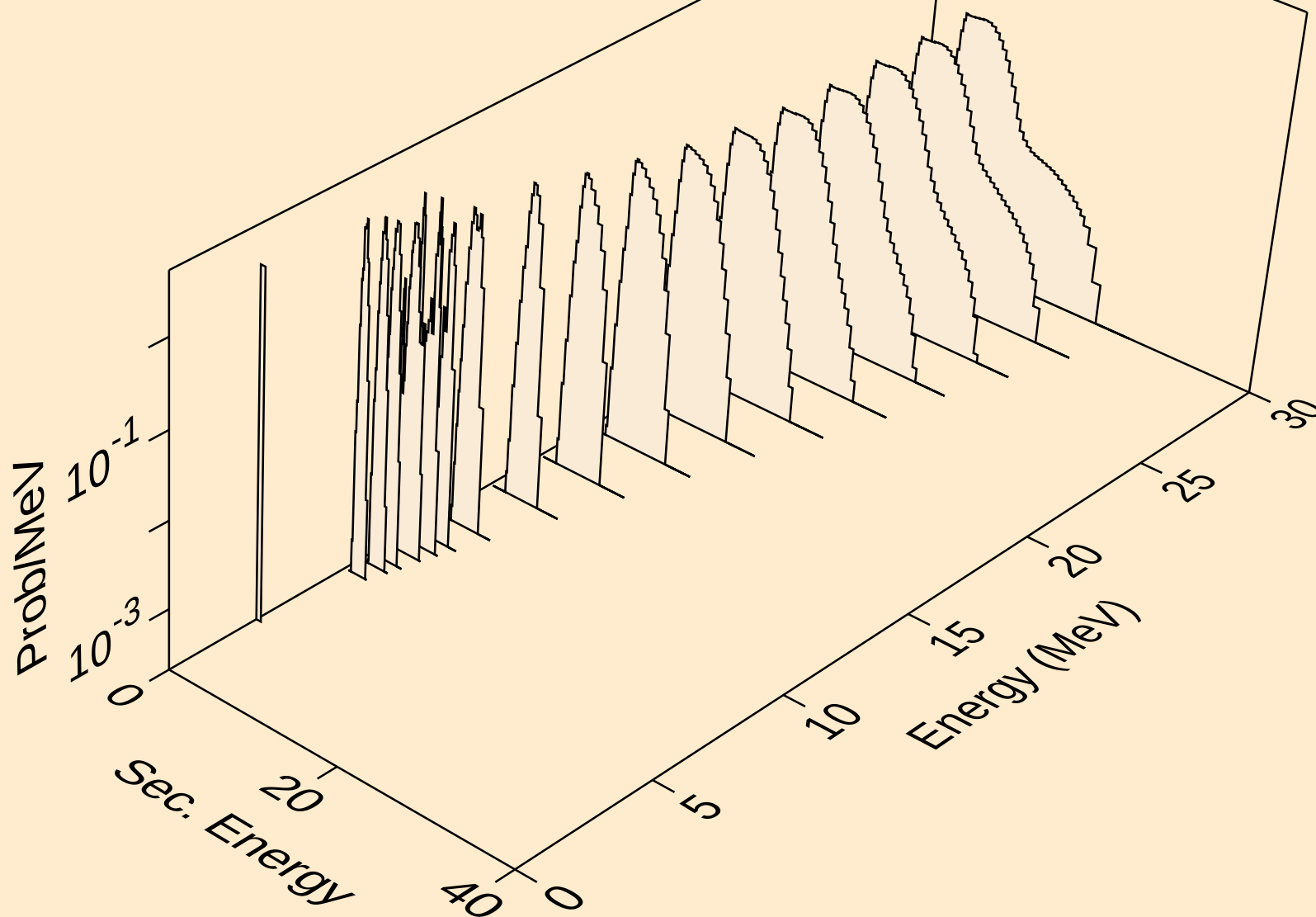
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protons from (n,2np)



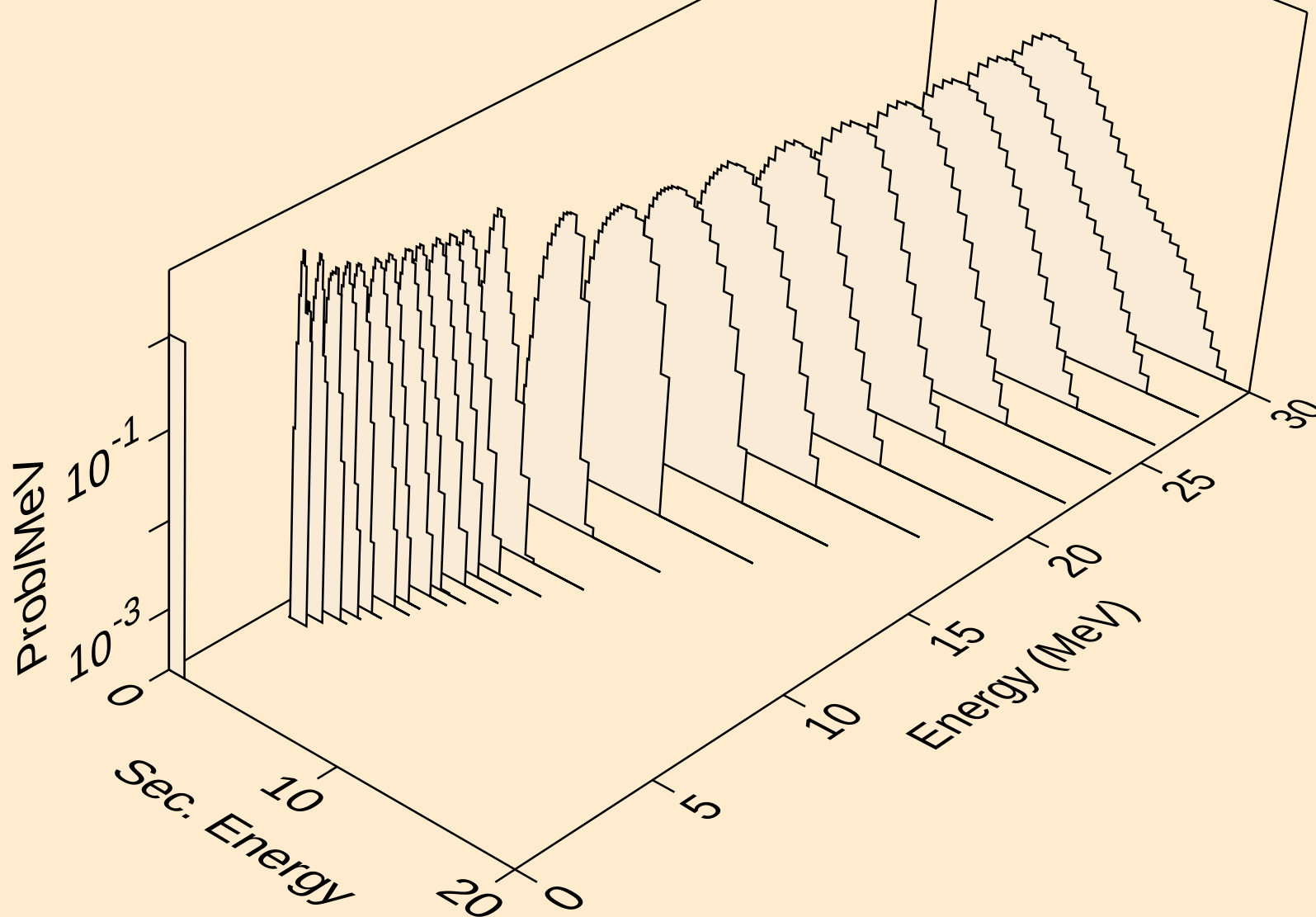
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protons from (n,3np)



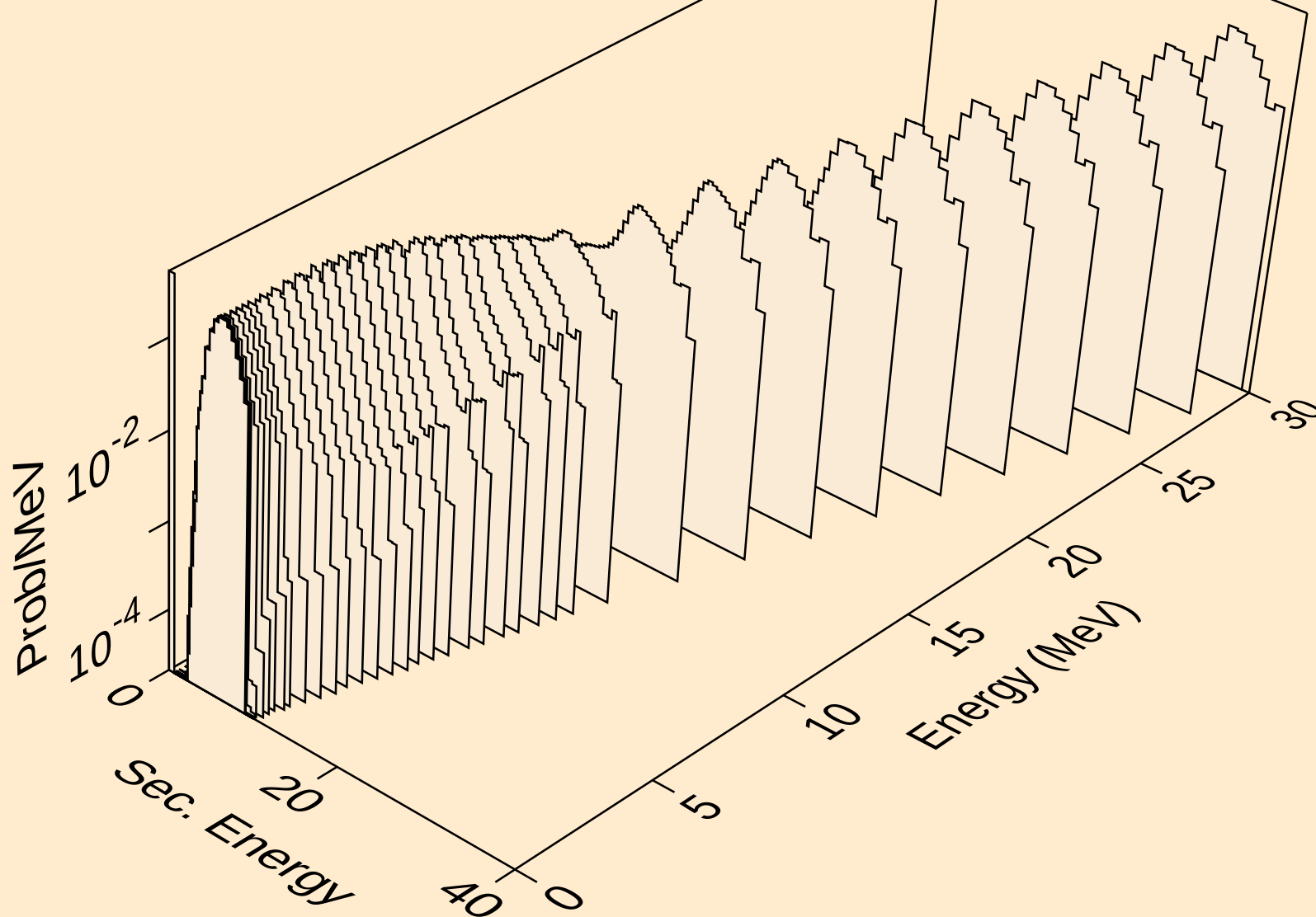
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protons from (n,n2p)



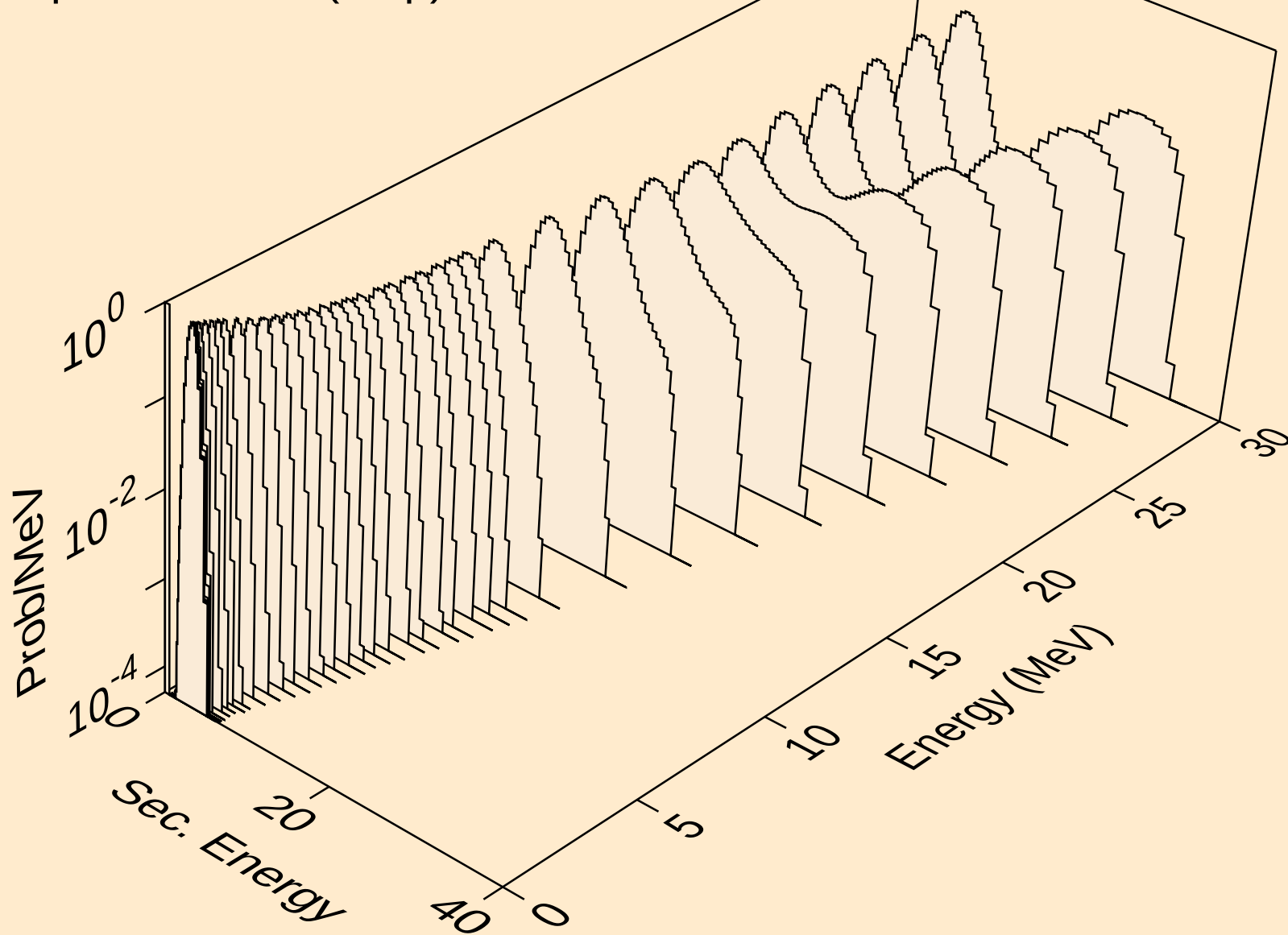
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protons from (n,npa)



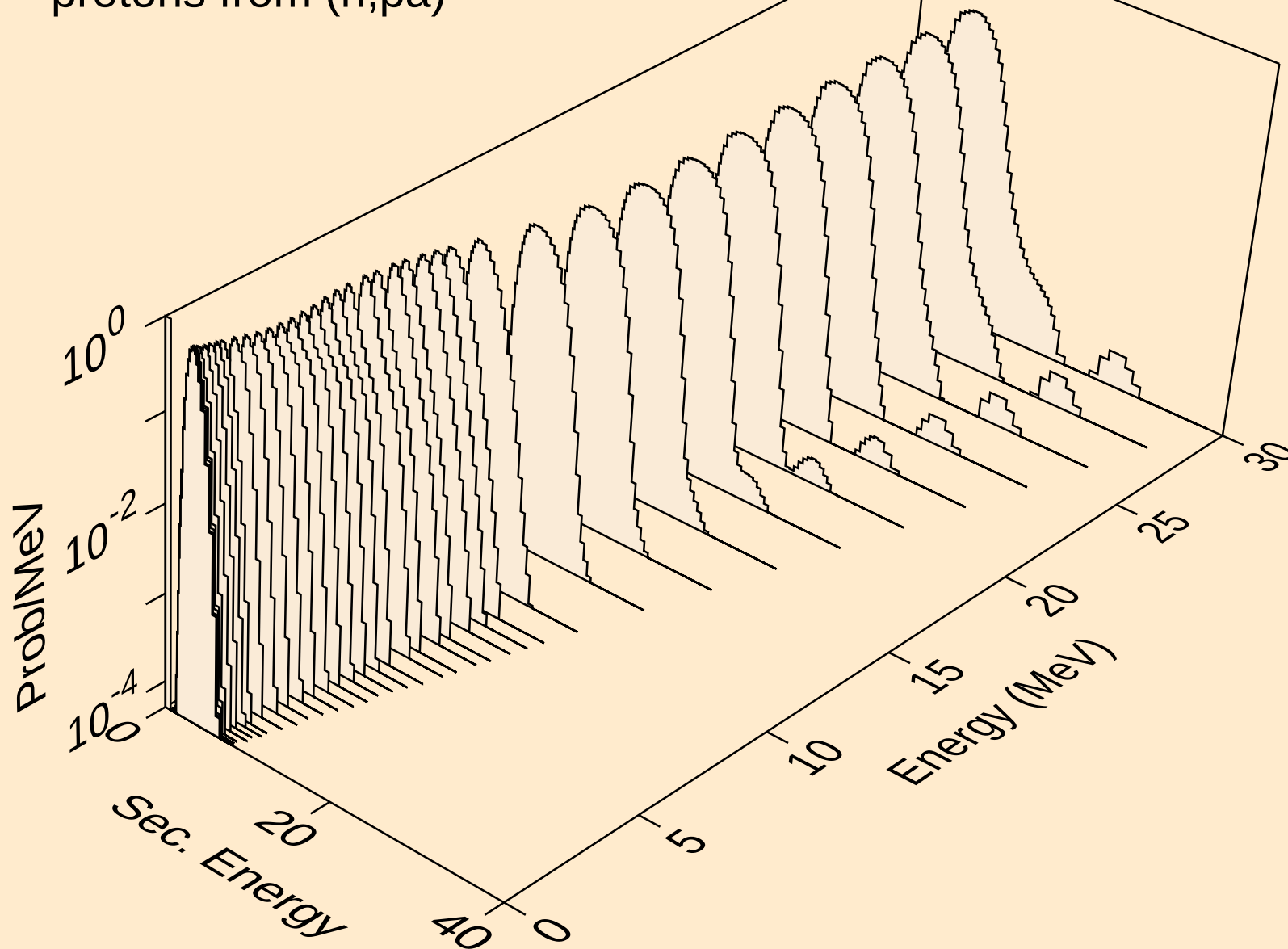
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protons from (n,p)



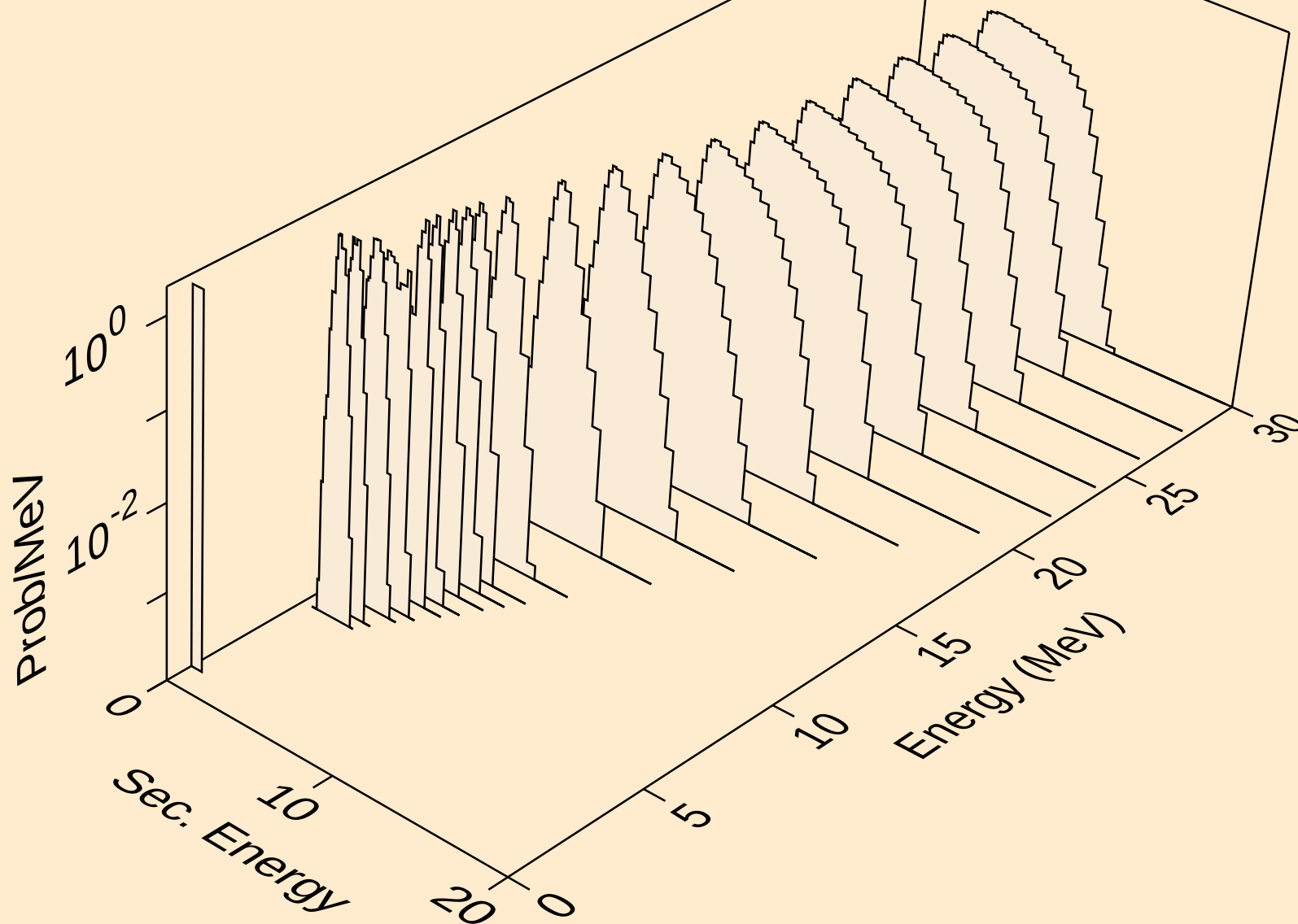
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protons from (n,2p)



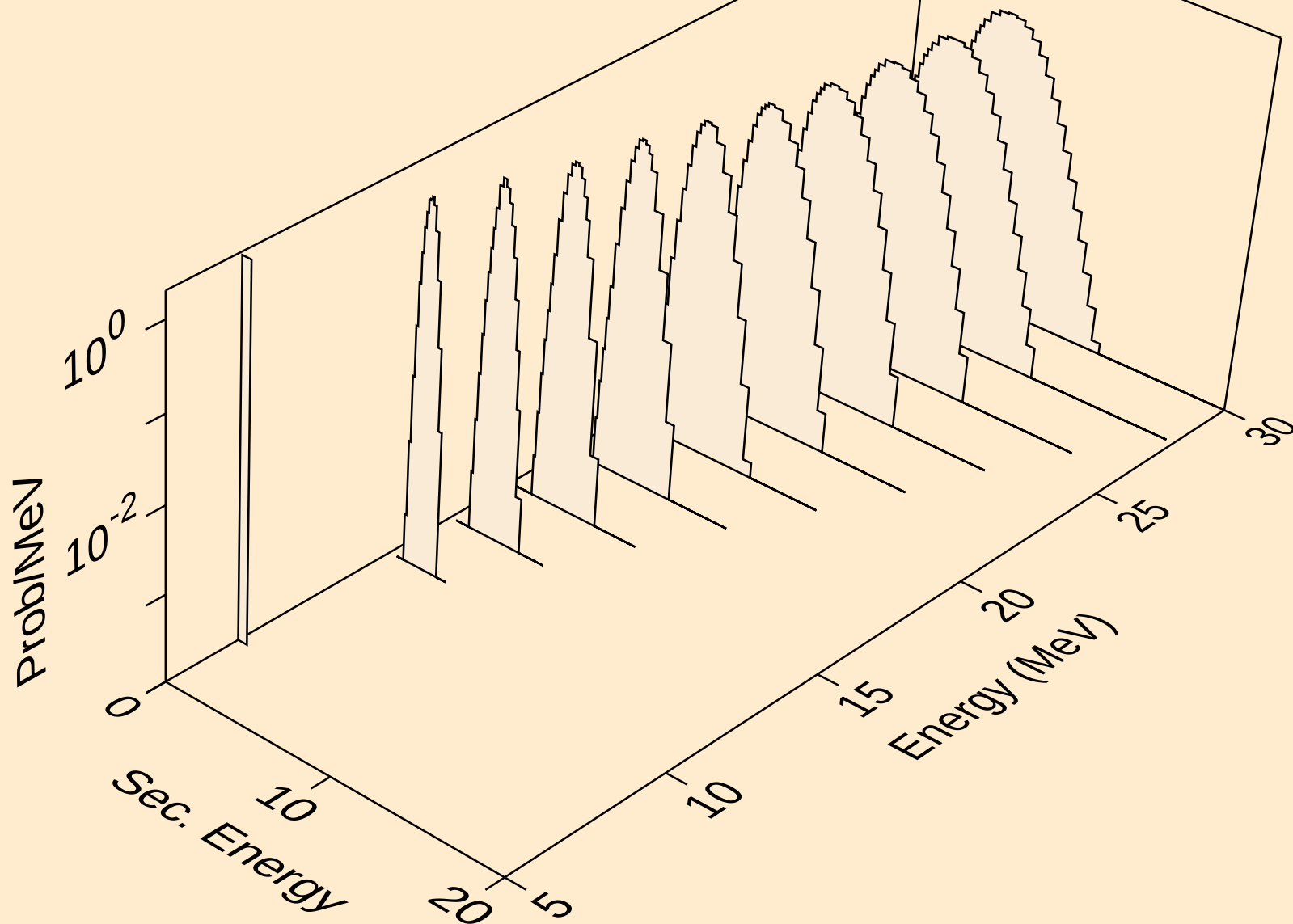
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protons from (n,p)



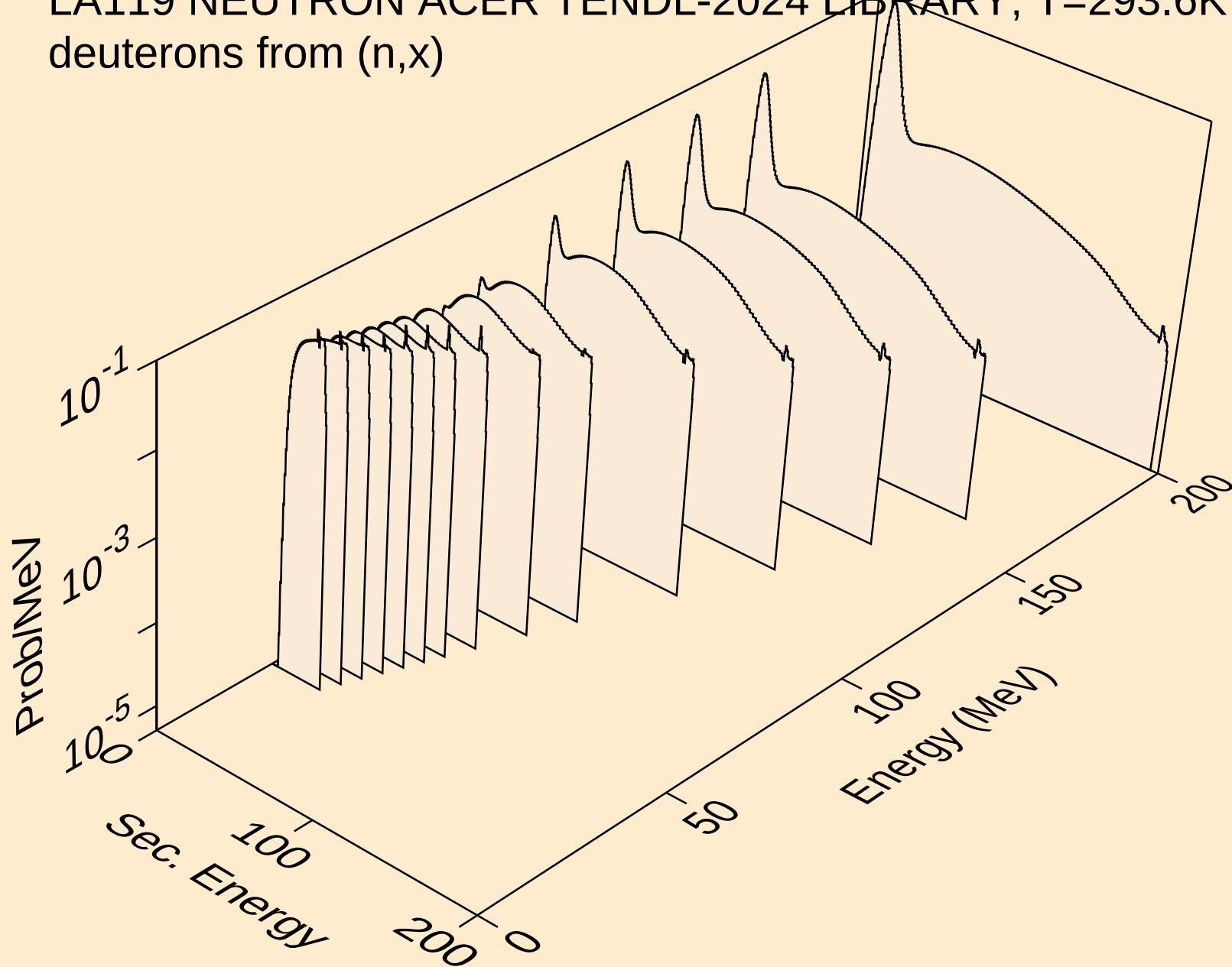
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protons from (n,pd)



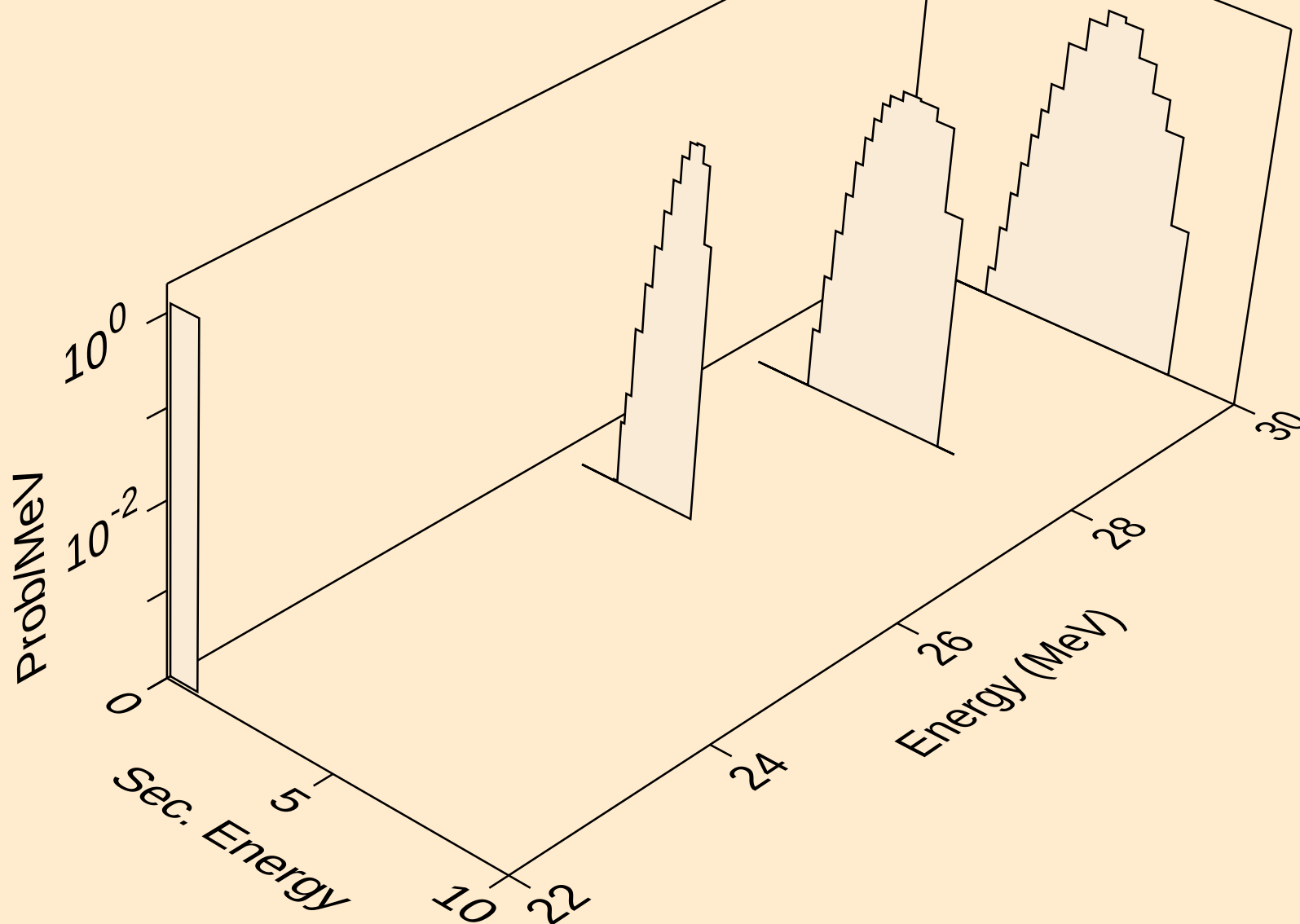
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protons from (n,pt)



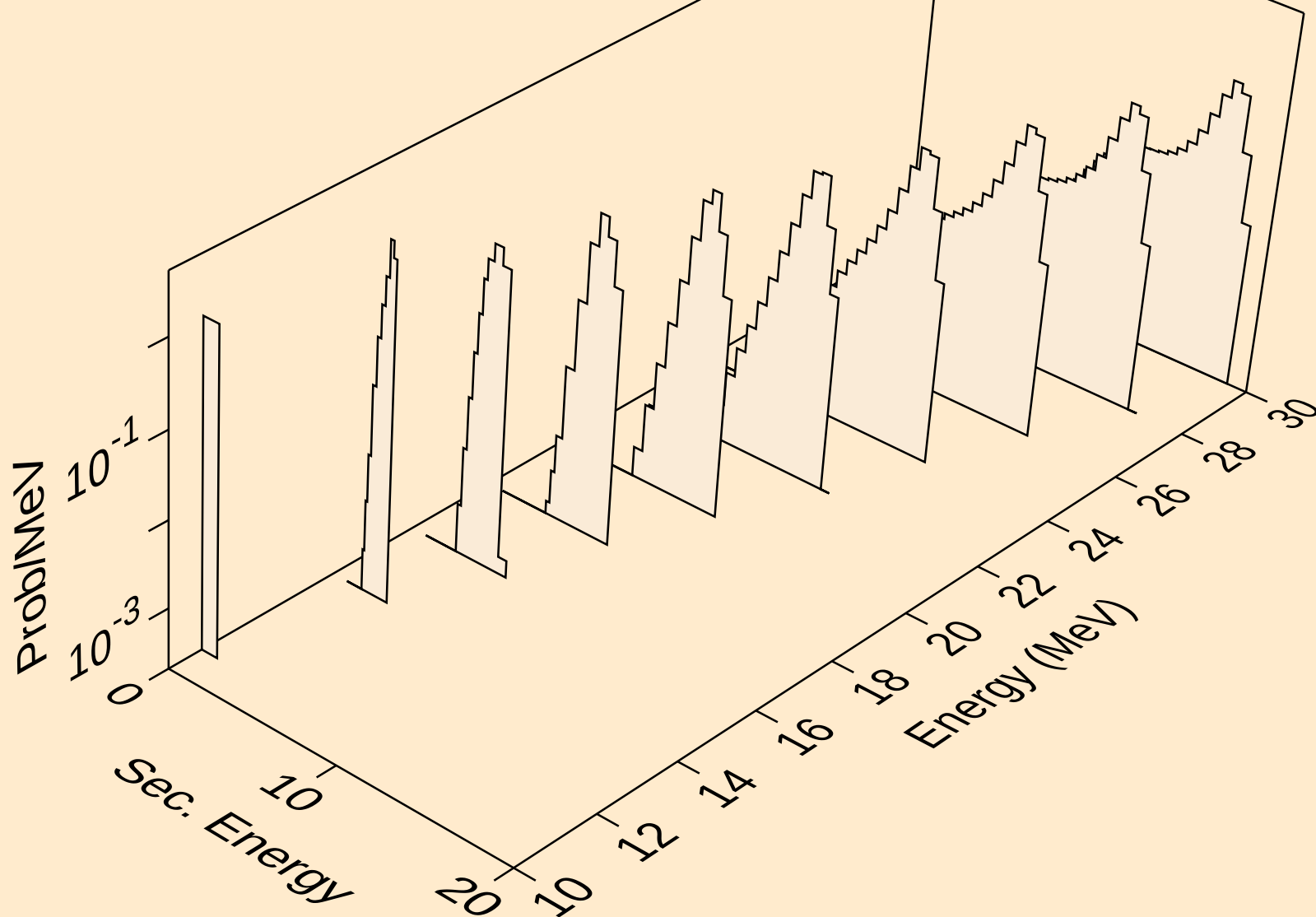
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



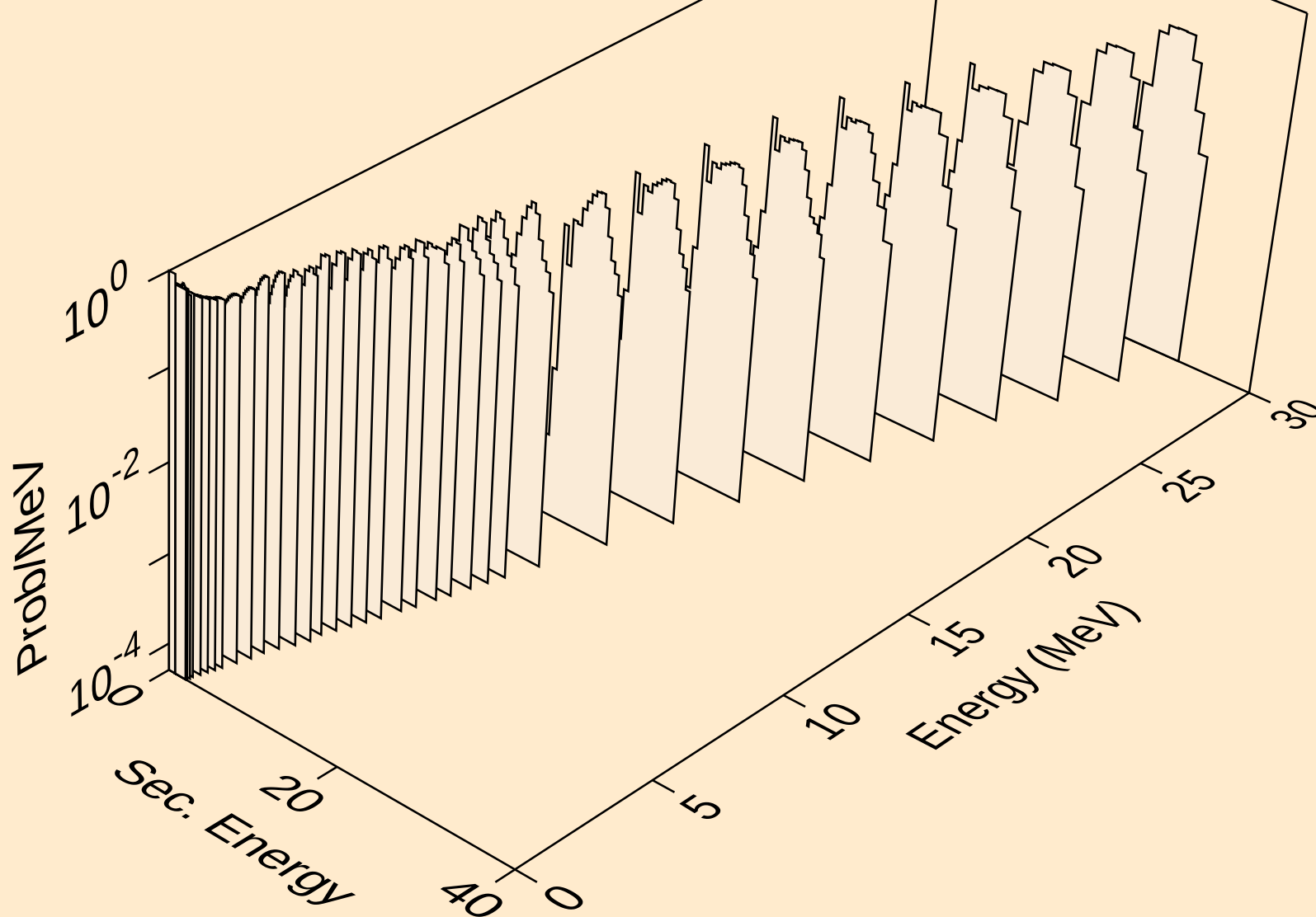
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deuterons from (n,2nd)



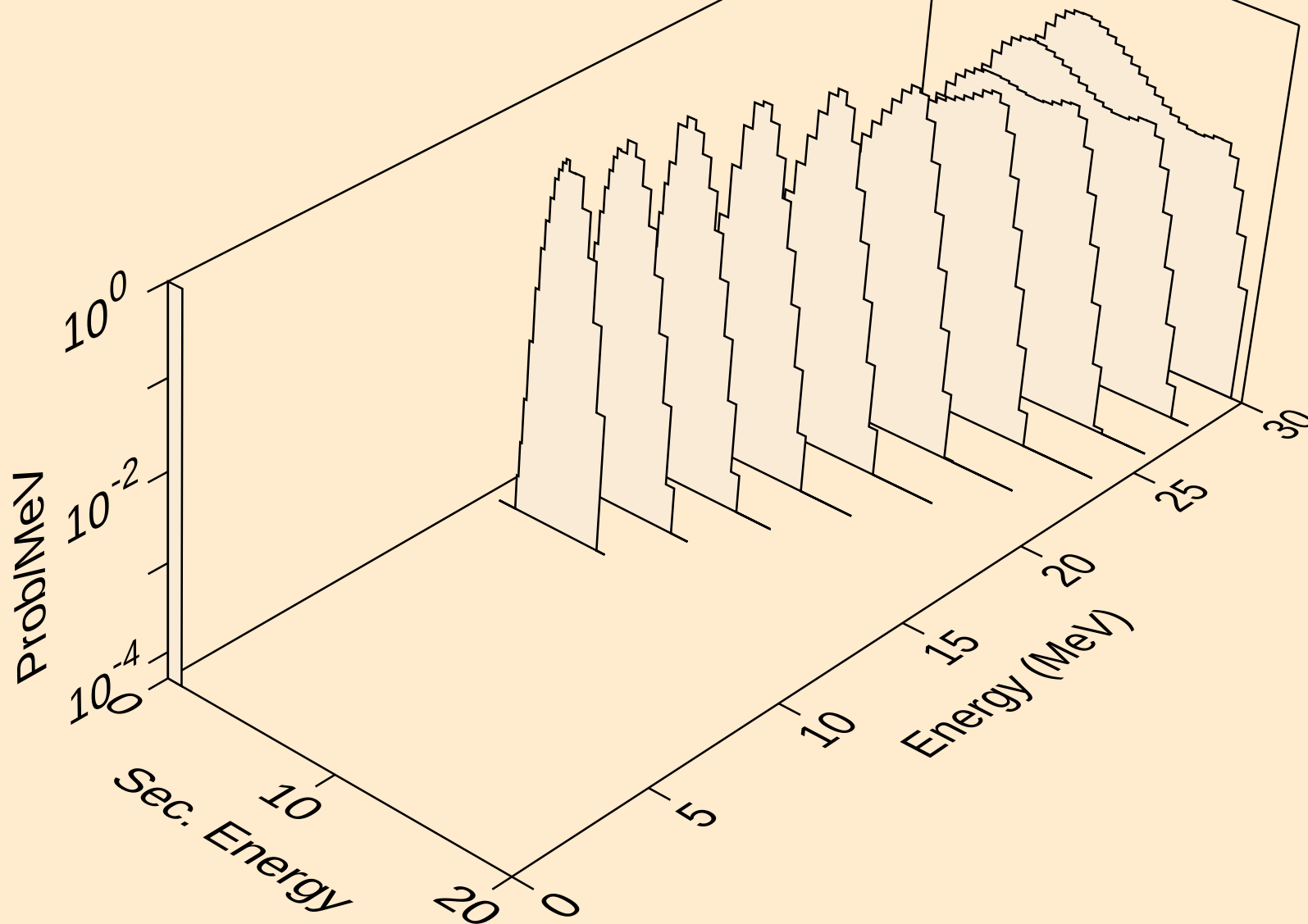
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



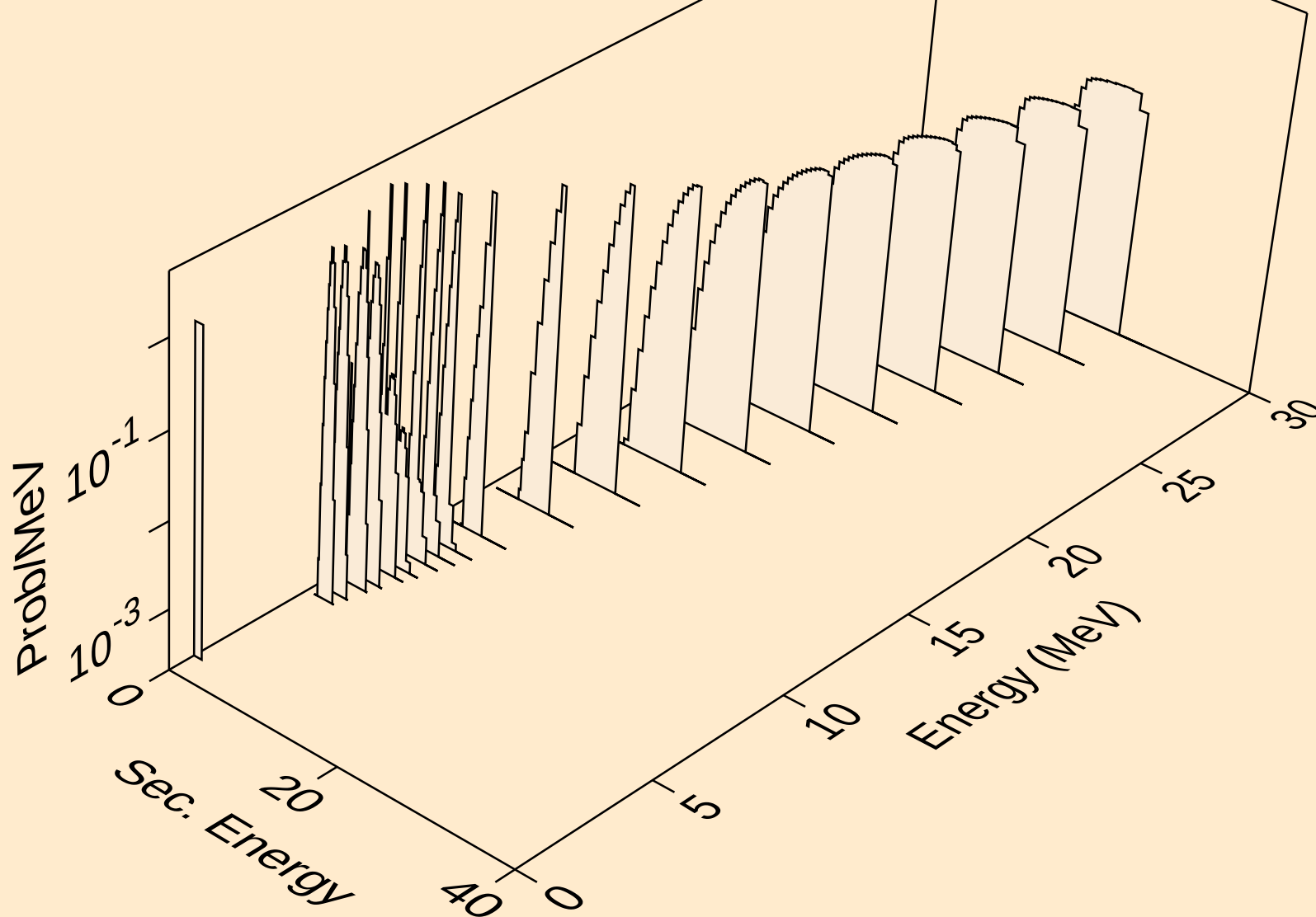
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deuterons from (n,d)



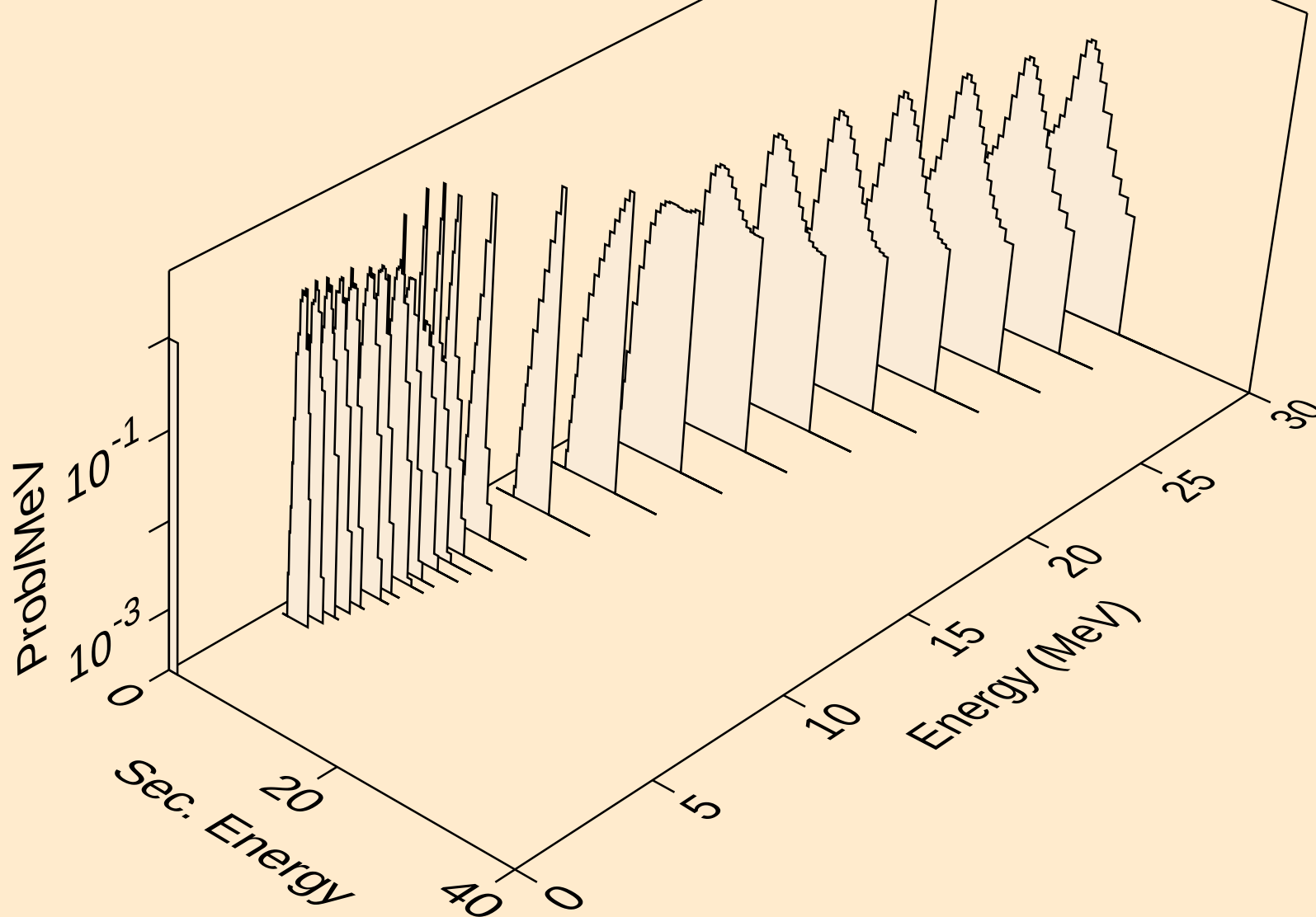
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deuterons from (n,d2a)



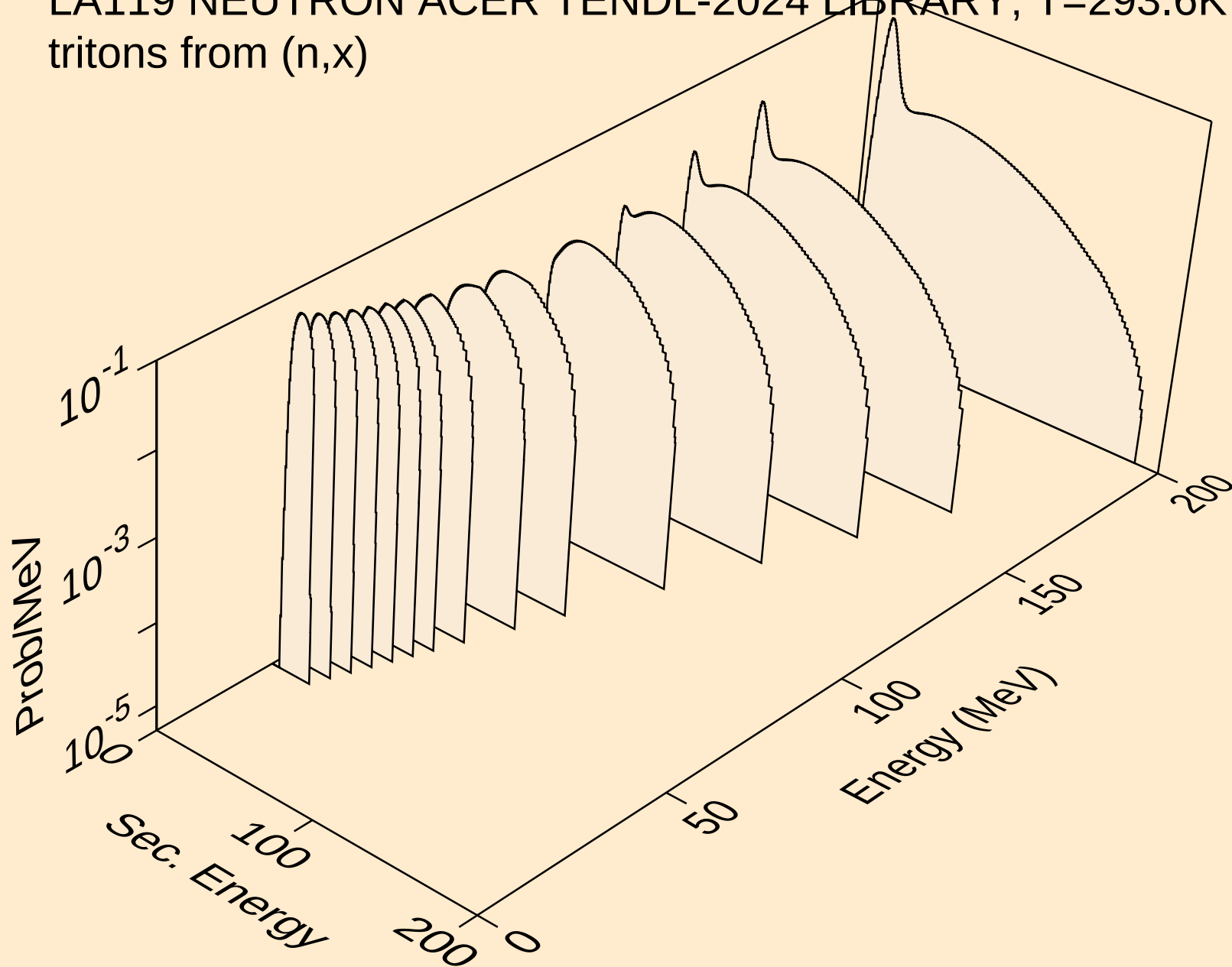
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deuterons from (n,pd)



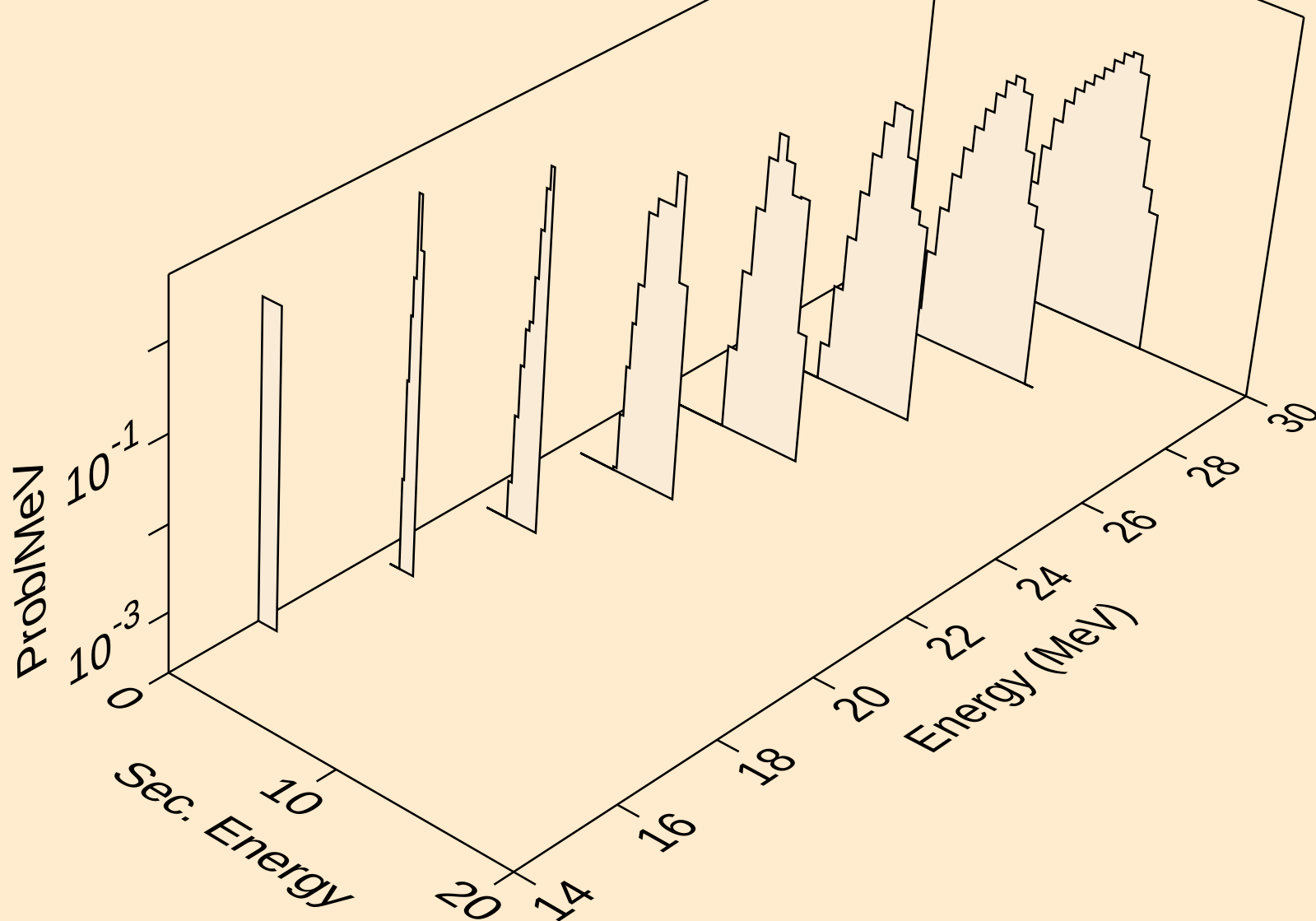
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deuterons from (n,da)



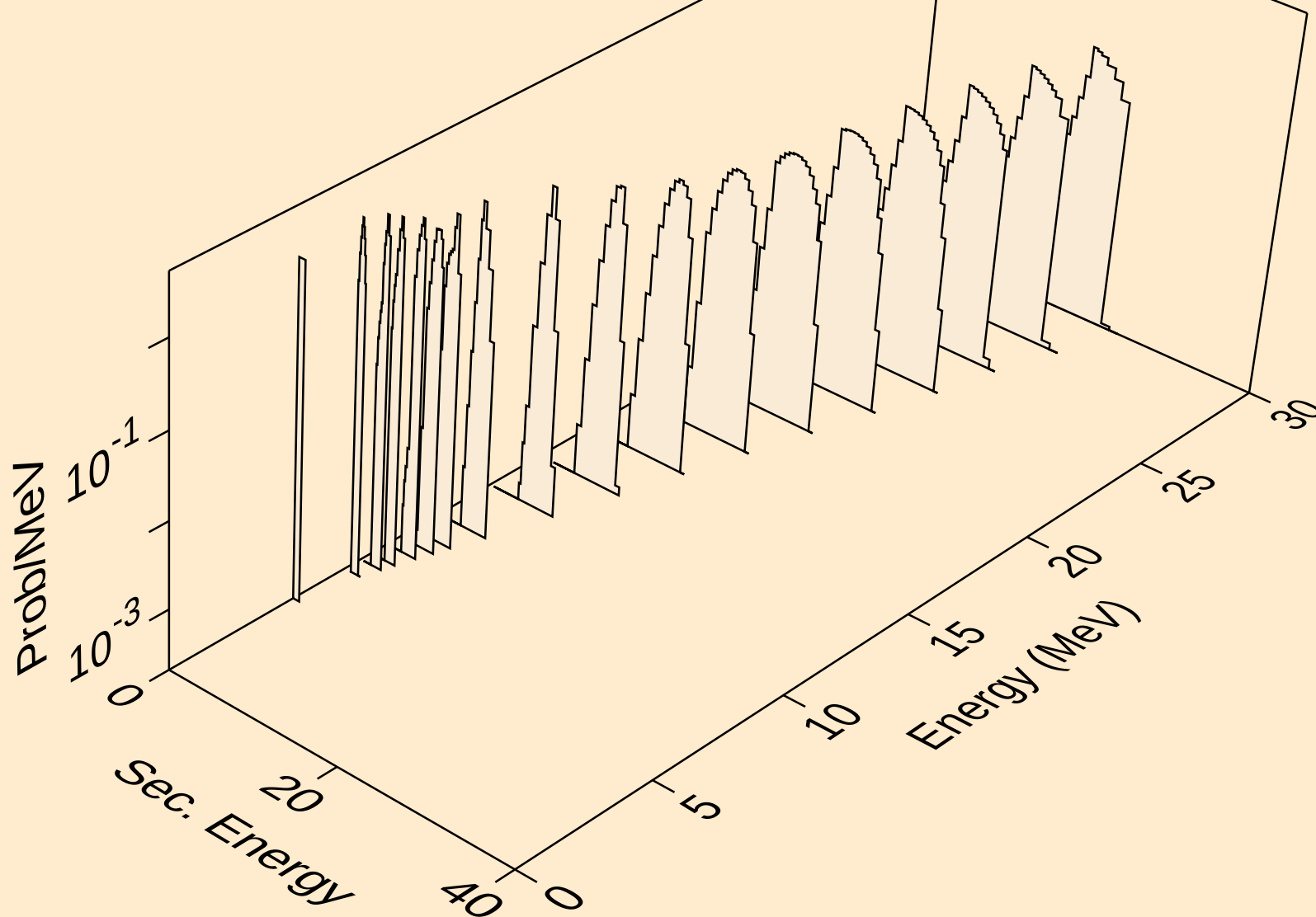
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



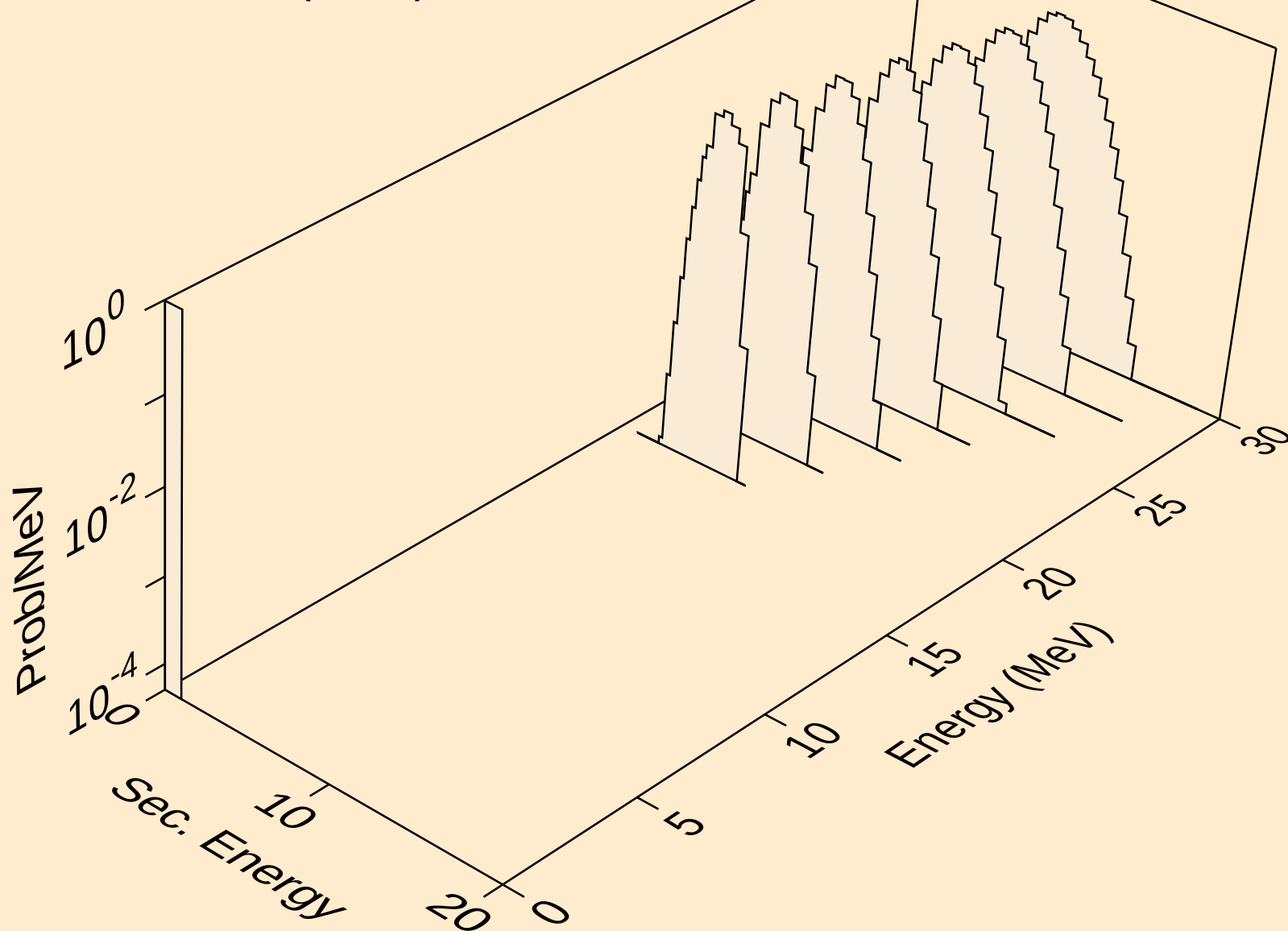
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



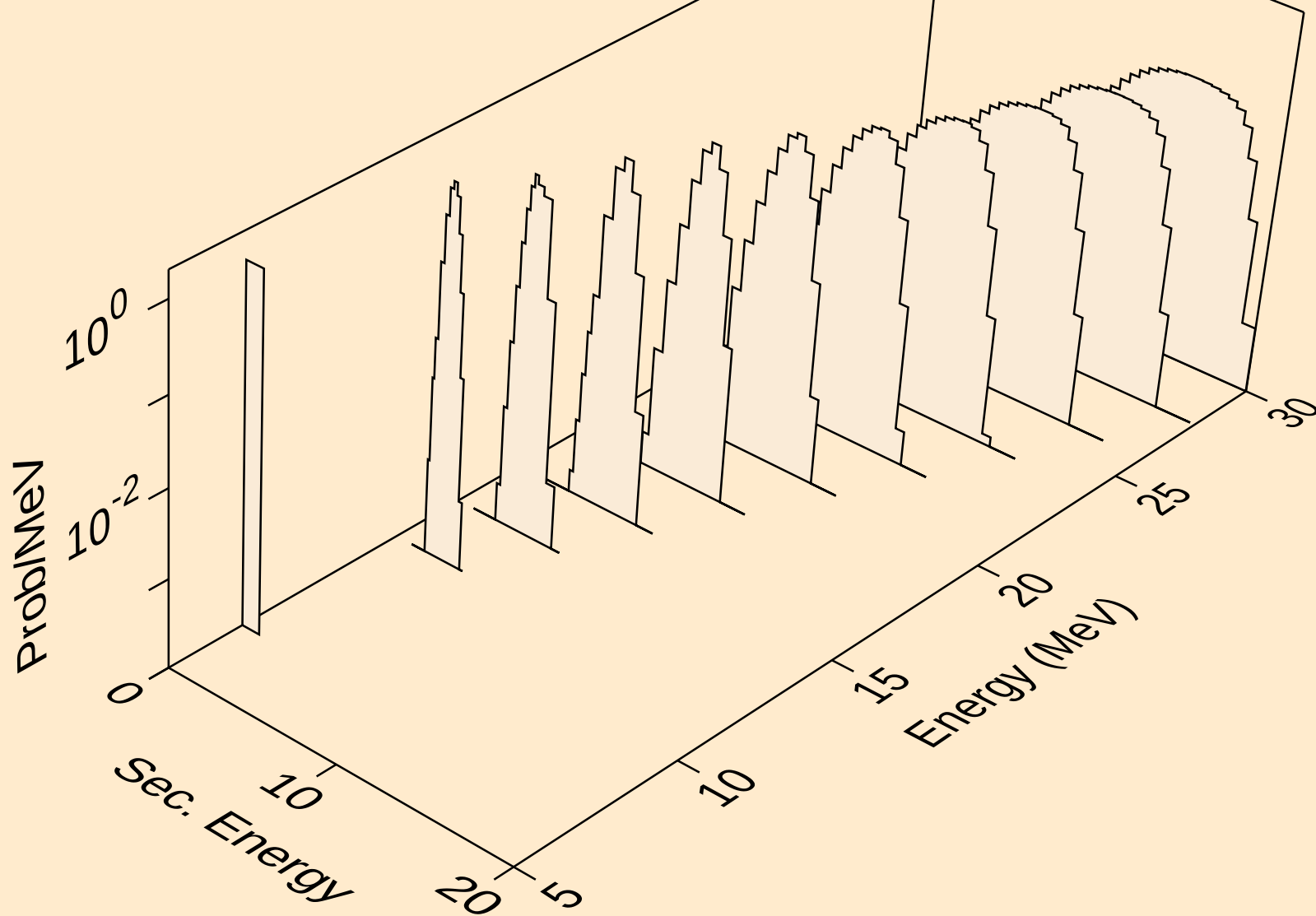
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tritons from (n,t)



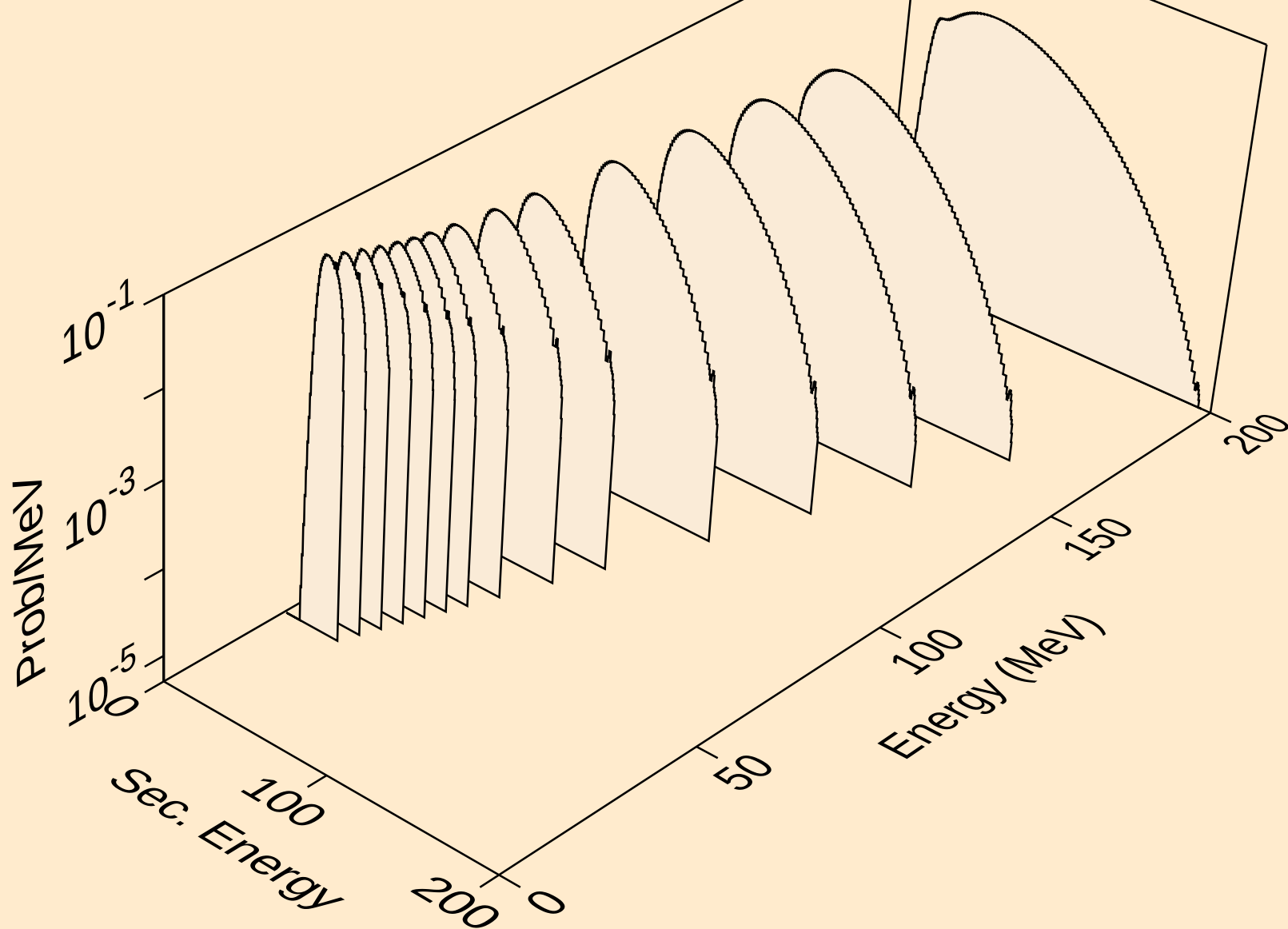
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tritons from (n,t2a)



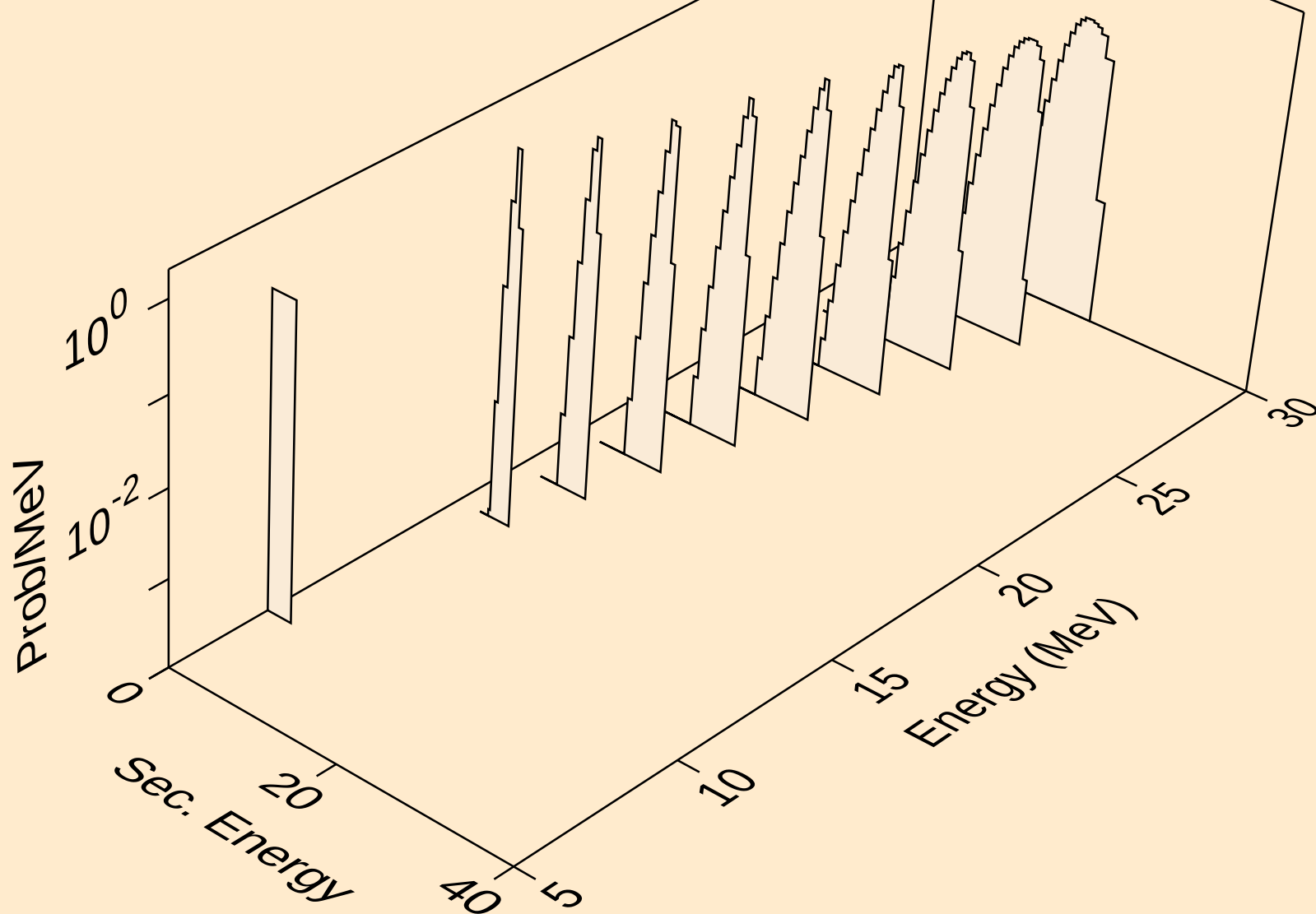
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,pt)



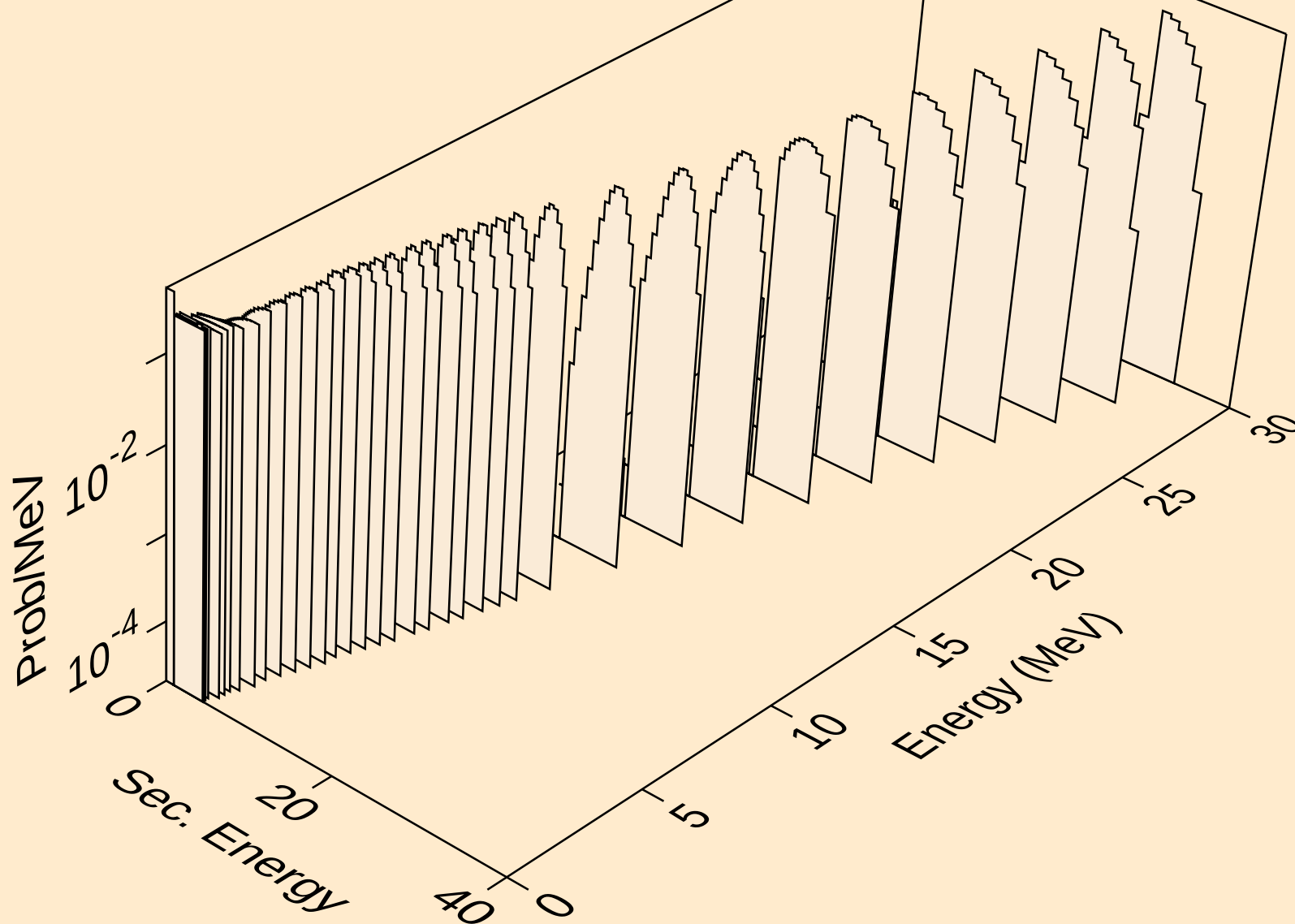
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



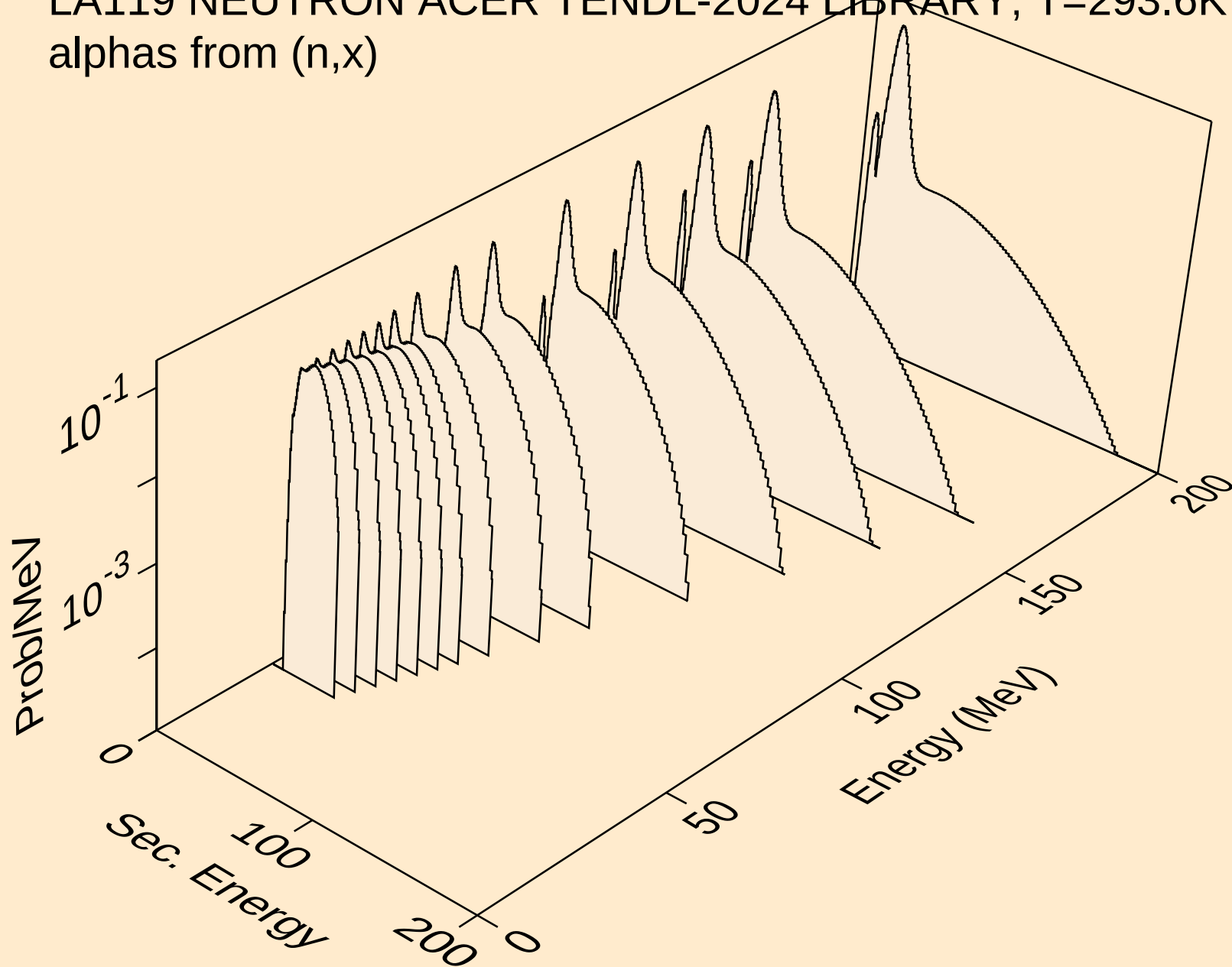
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



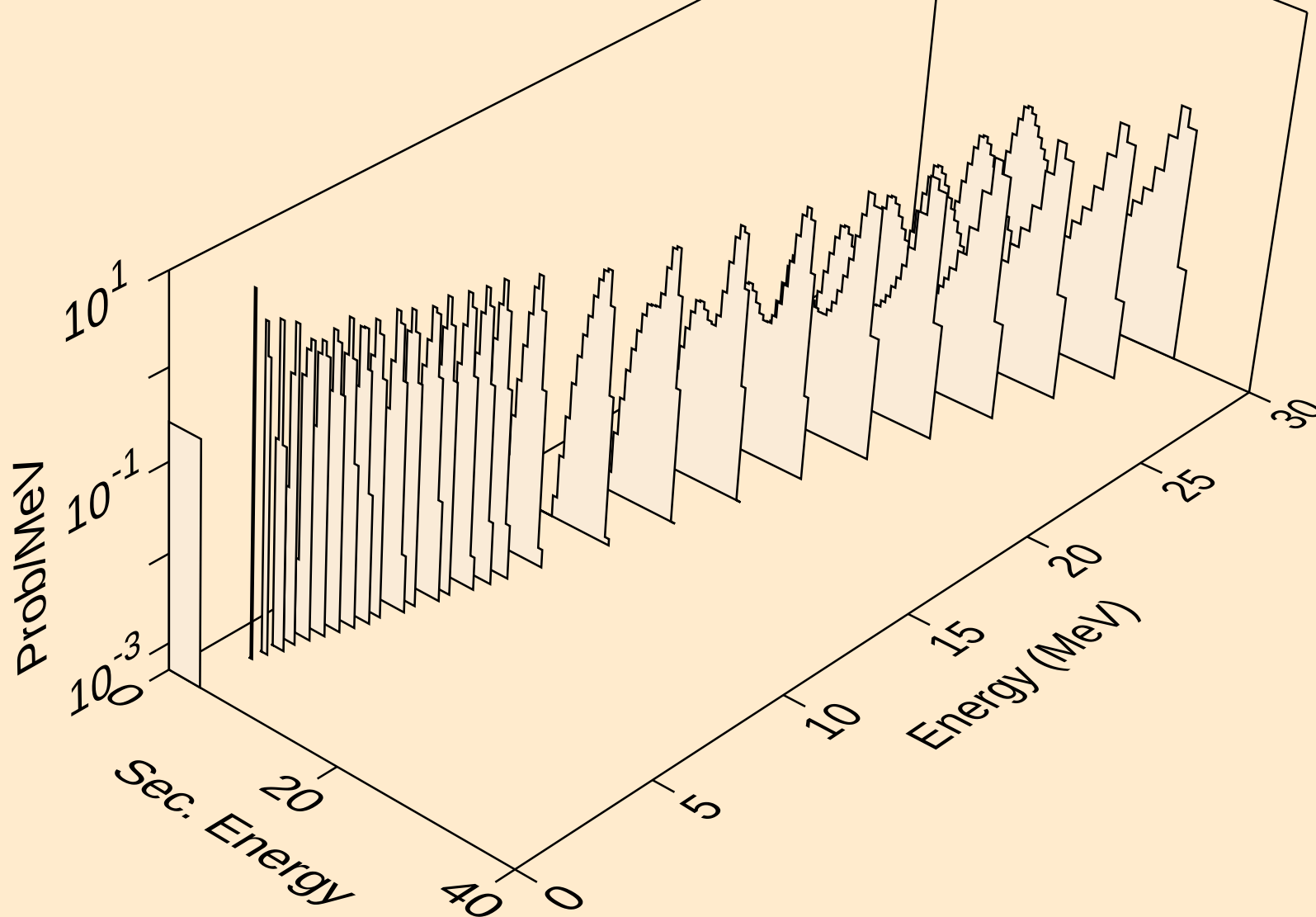
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he3s from (n,he3)



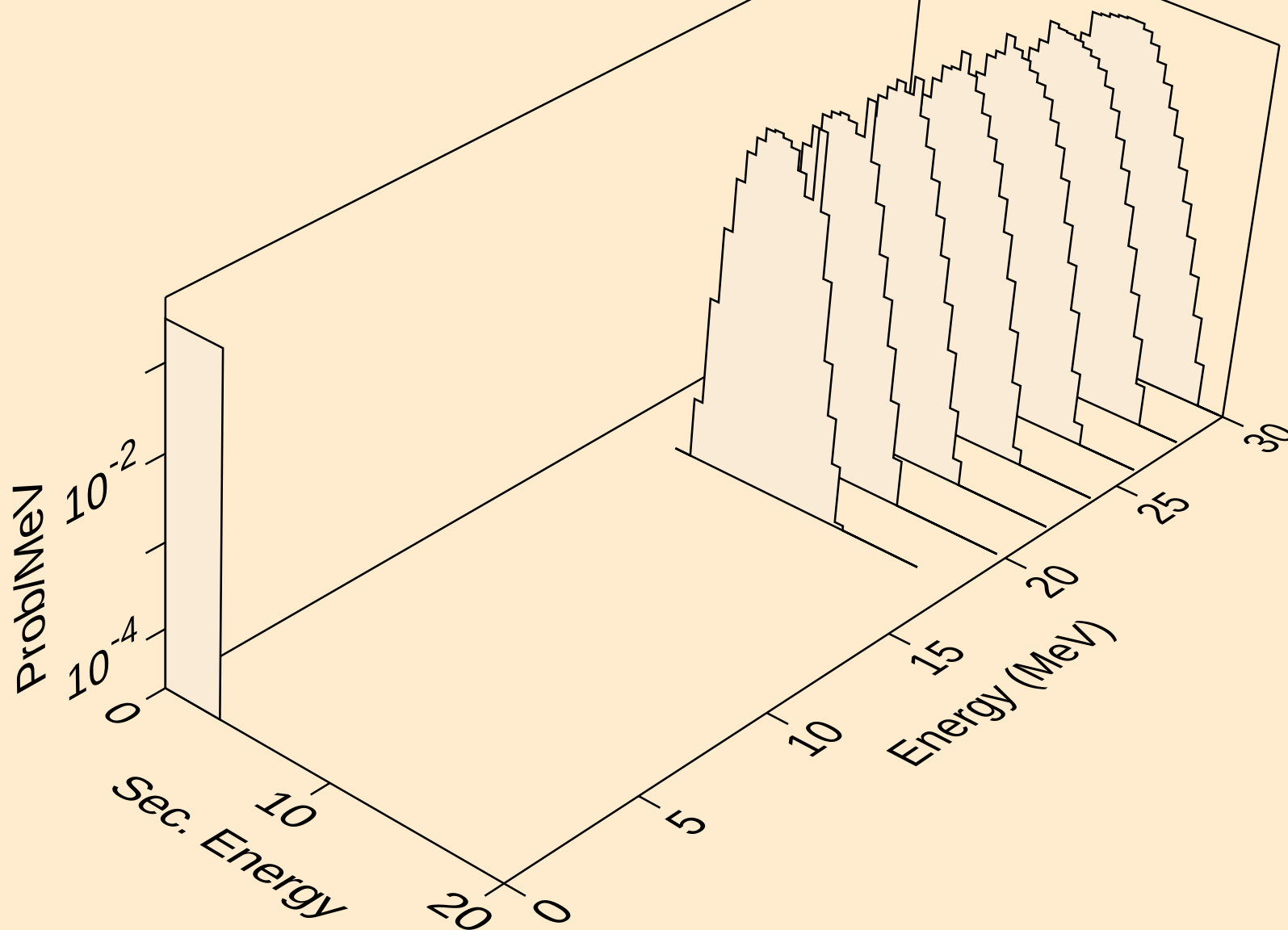
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



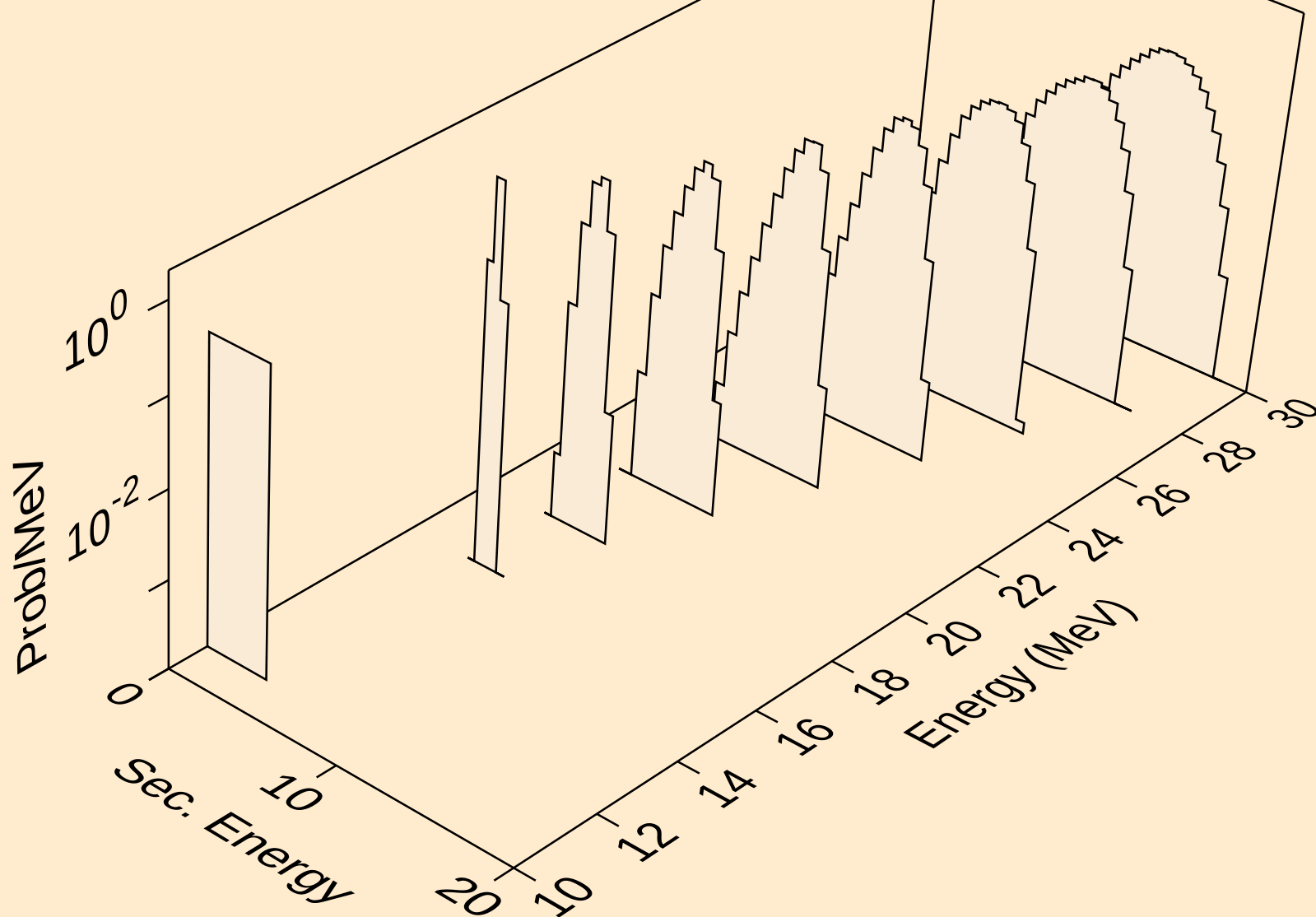
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



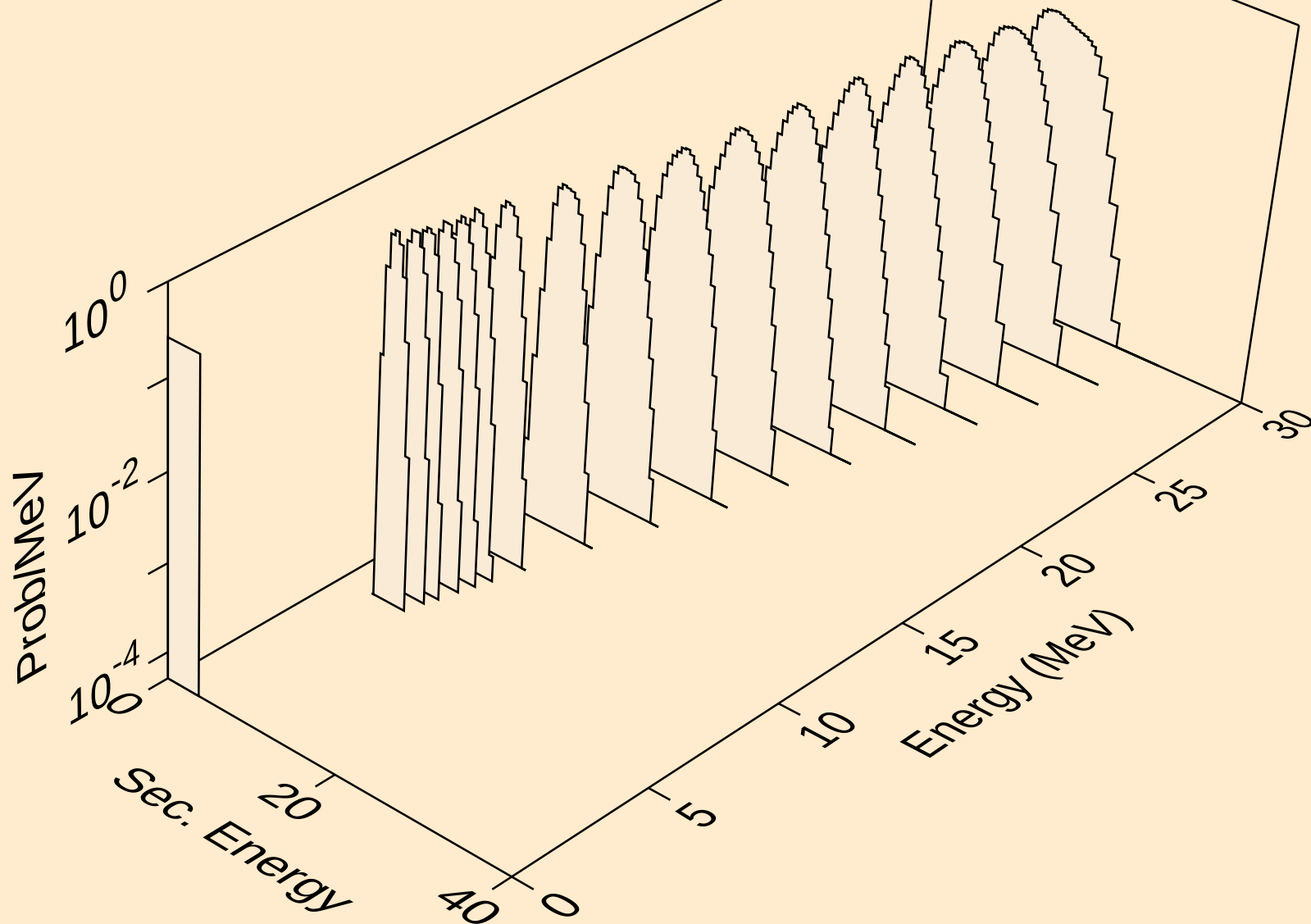
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alphas from (n,n*)3a



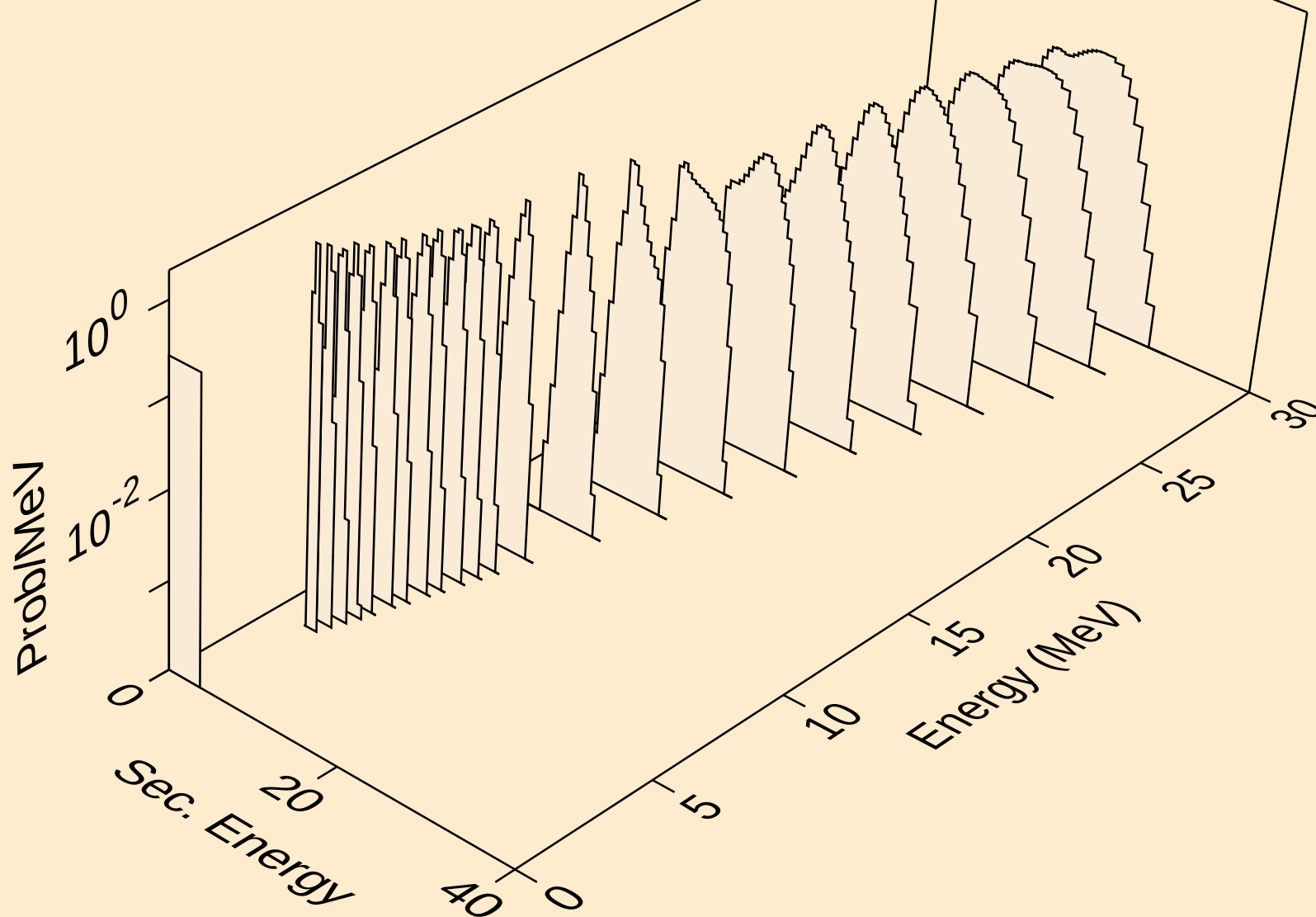
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



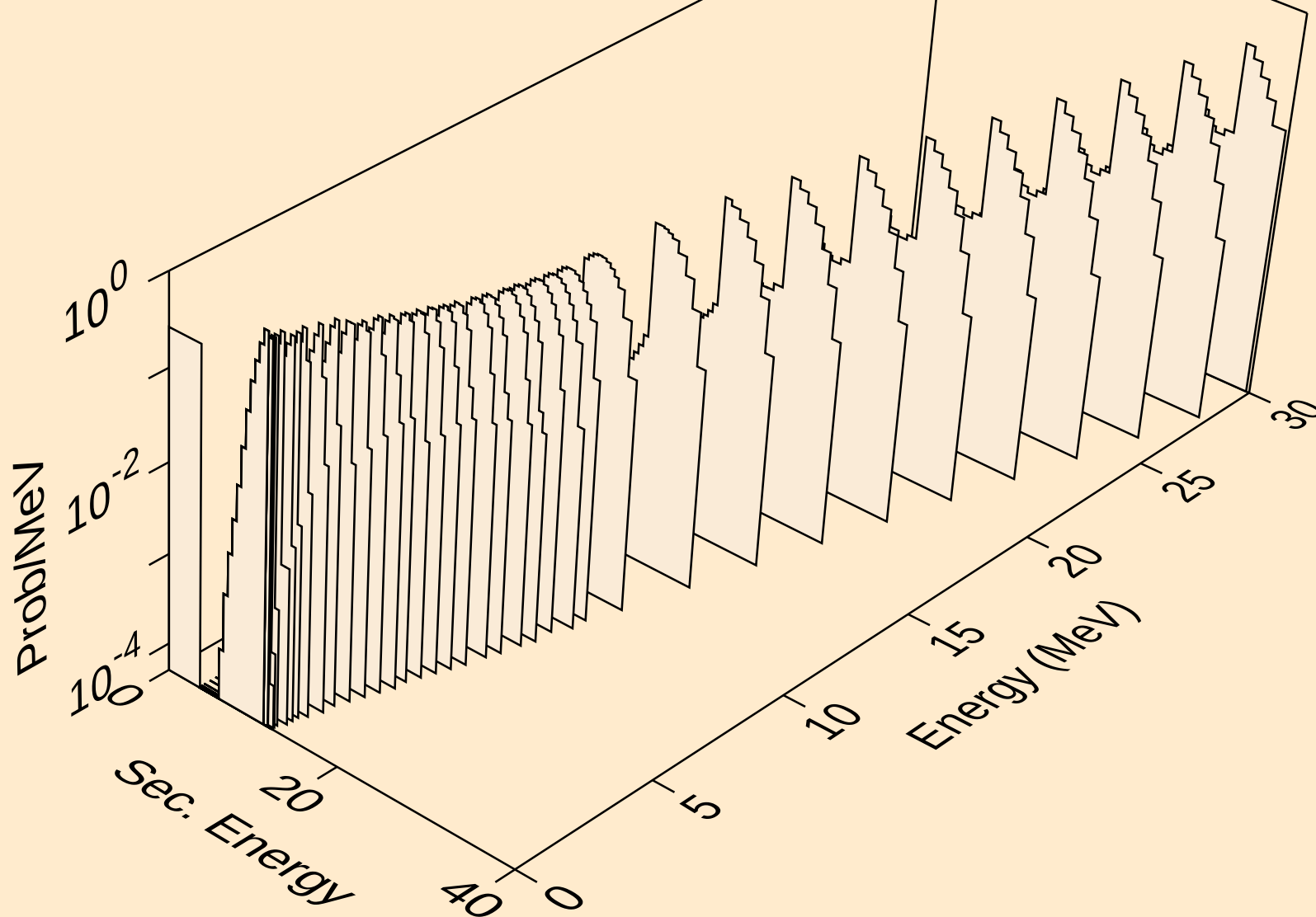
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alphas from (n,n*)2a



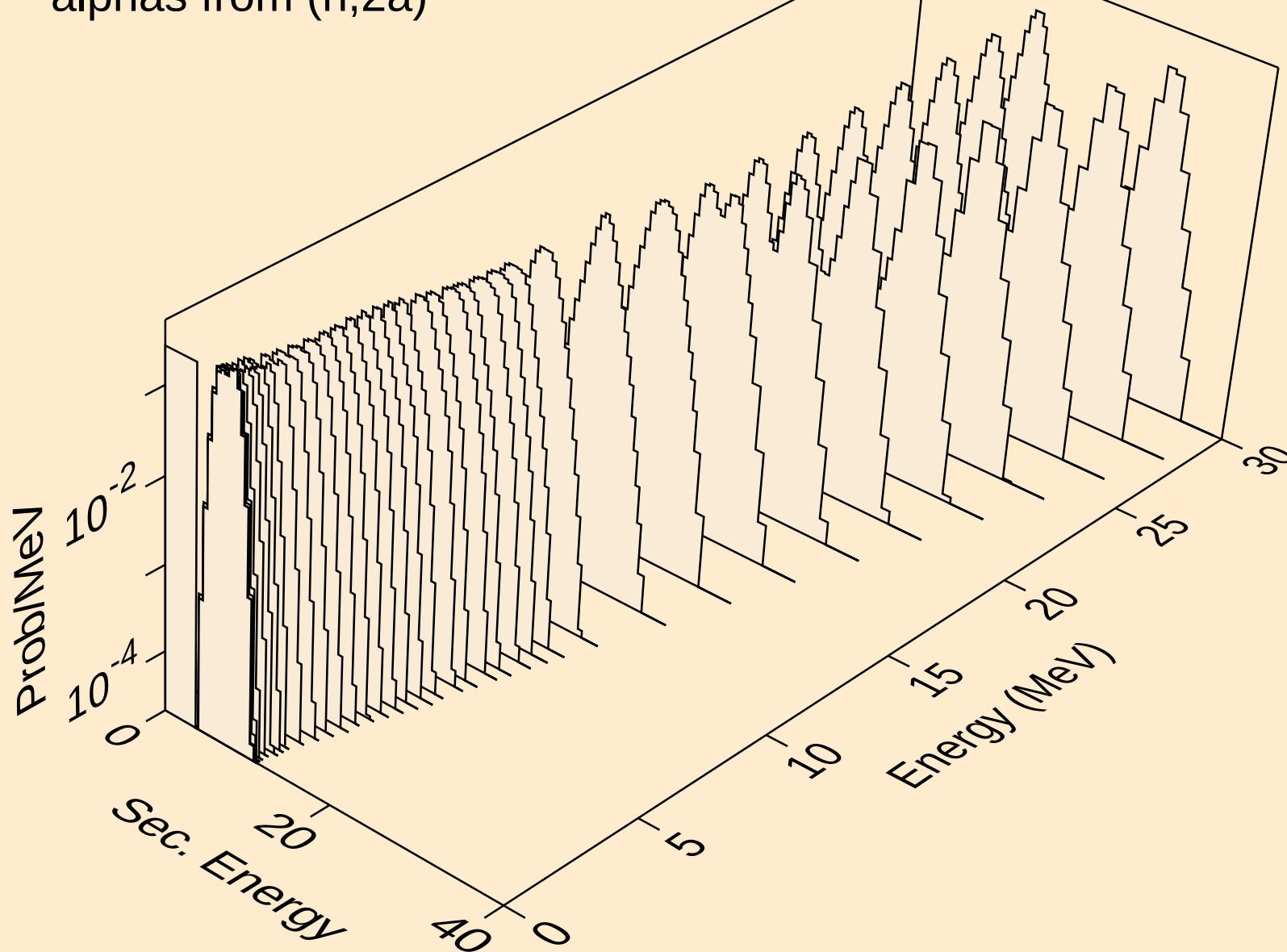
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alphas from (n,npa)



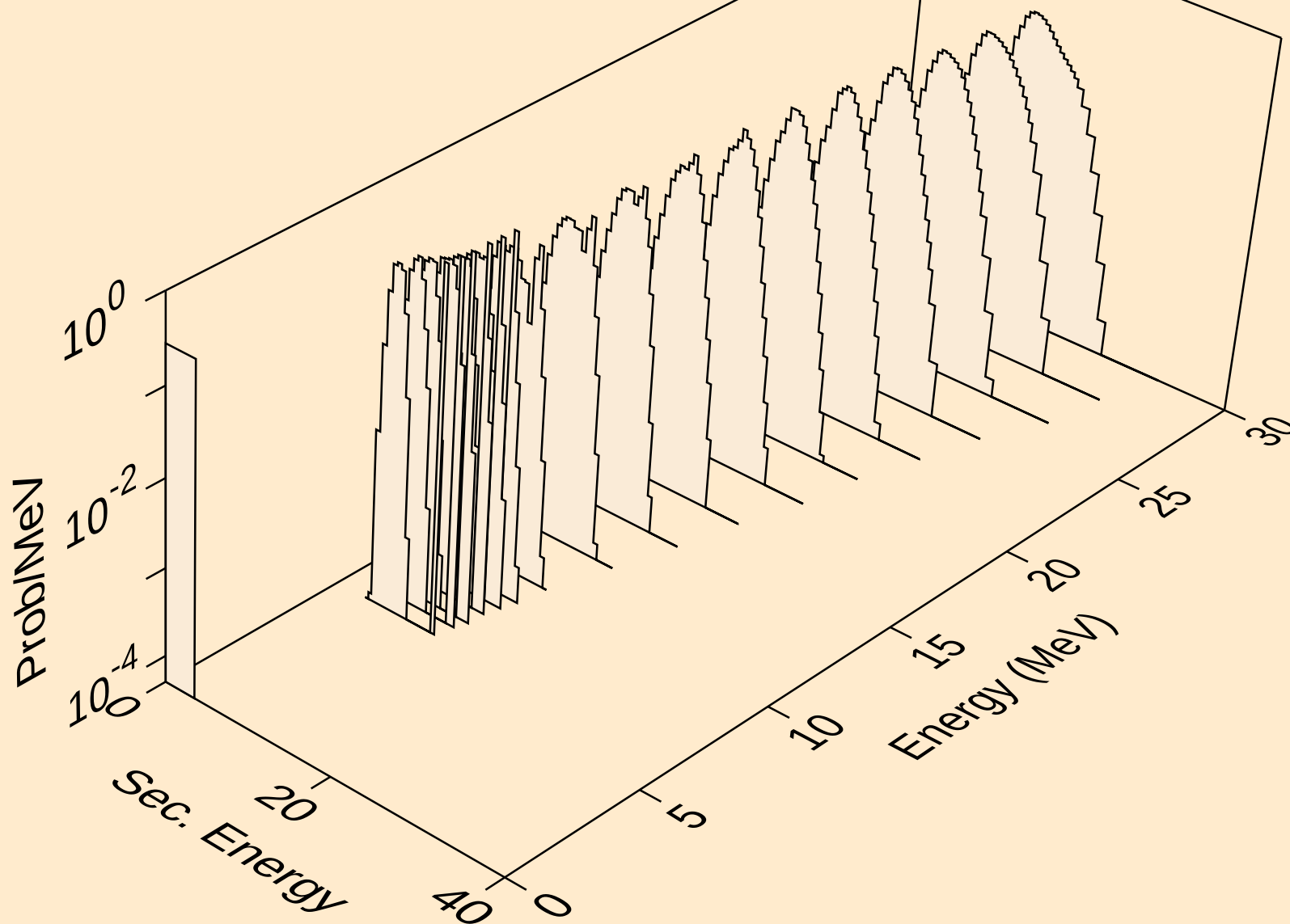
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alphas from (n,a)



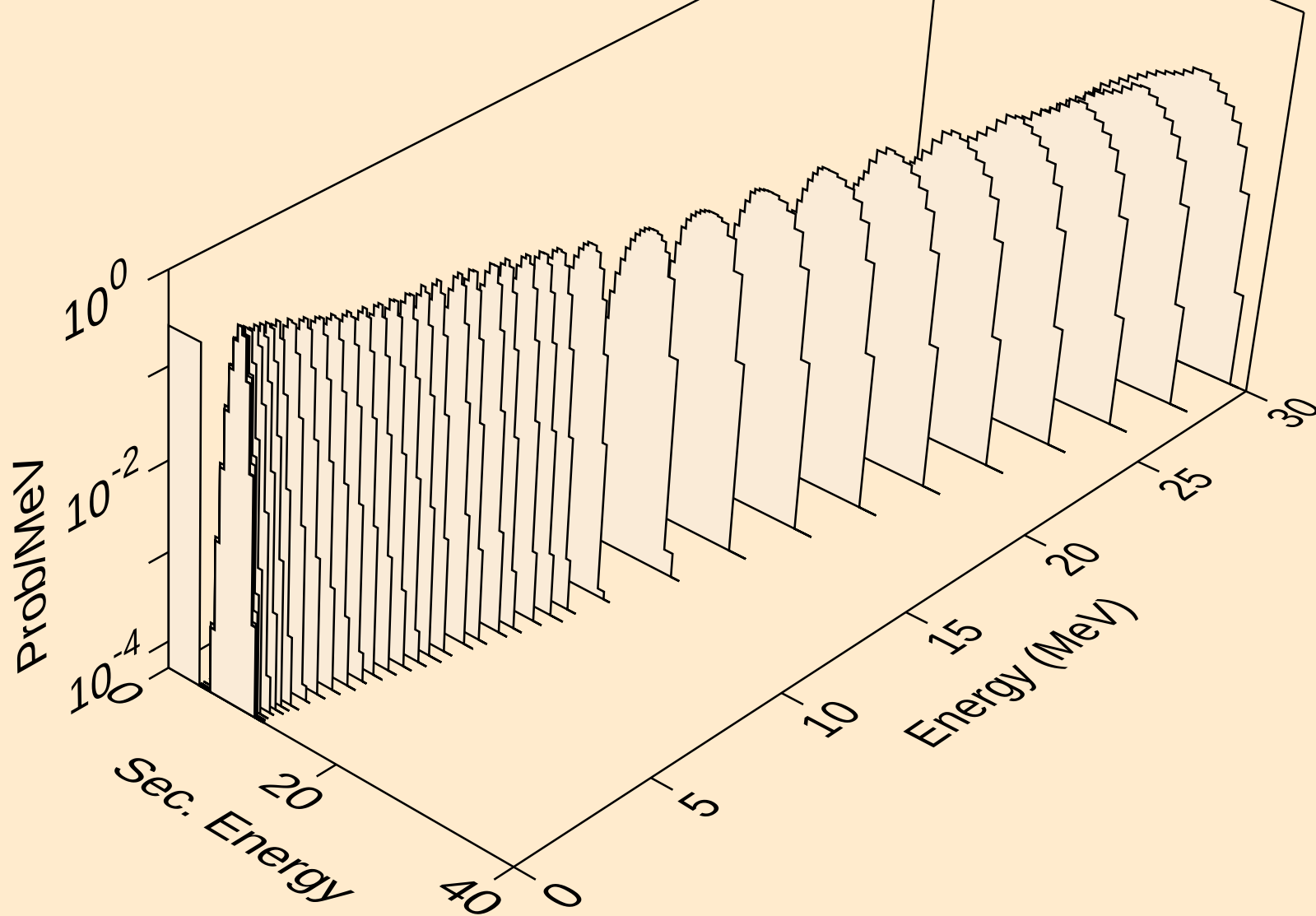
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



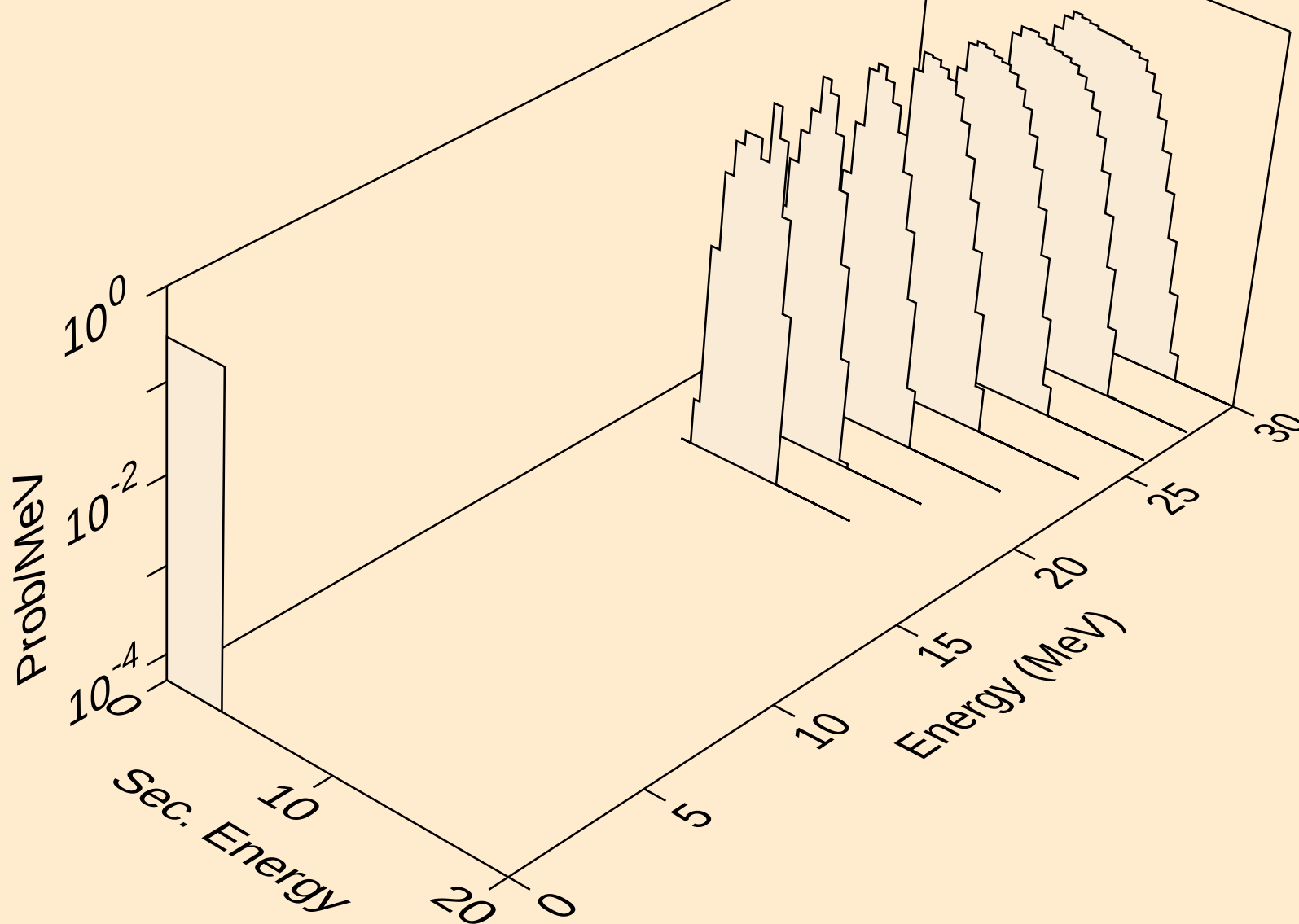
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3a)



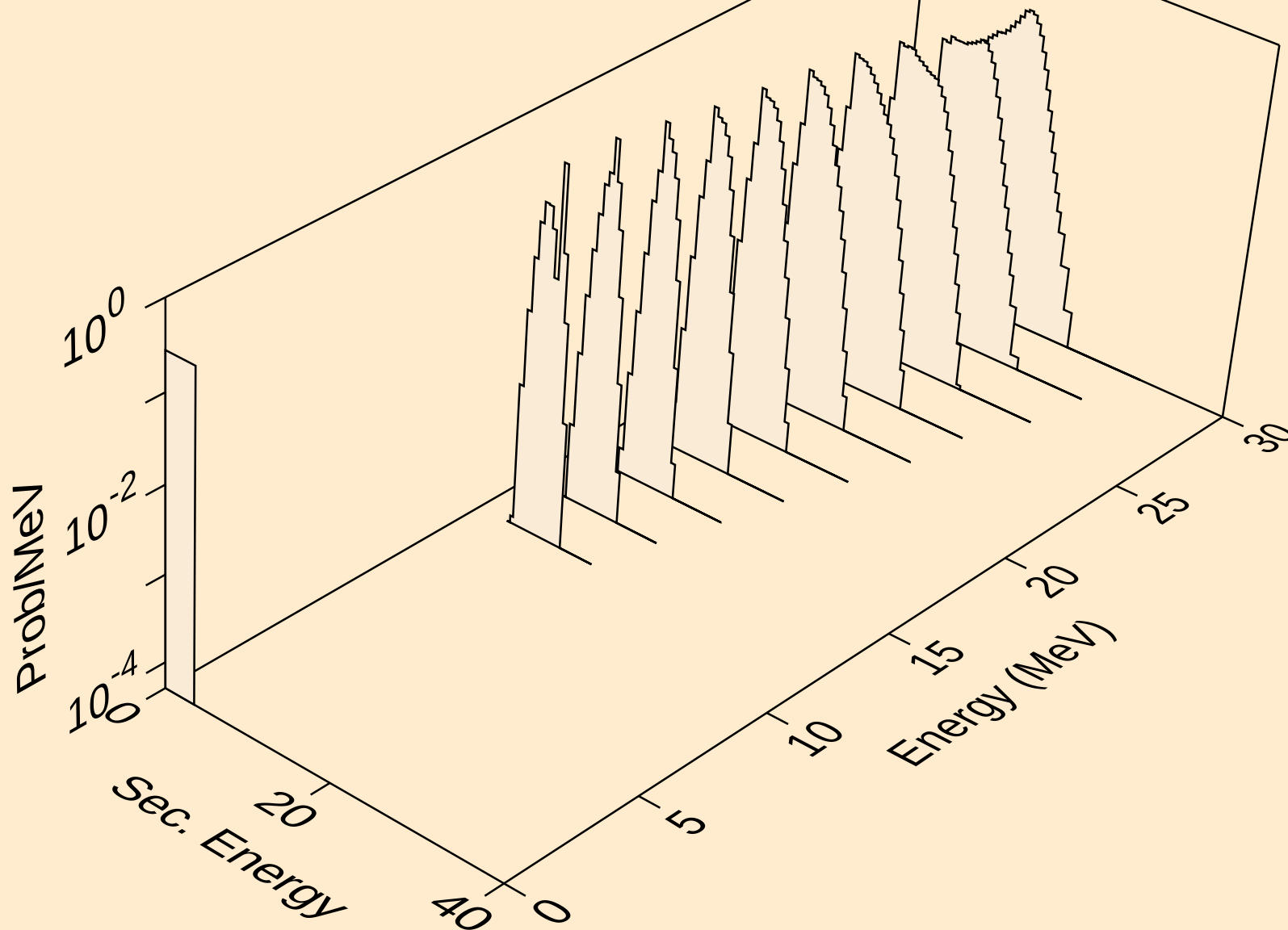
LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)



LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,t2a)



LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,d2a)



LA119 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

