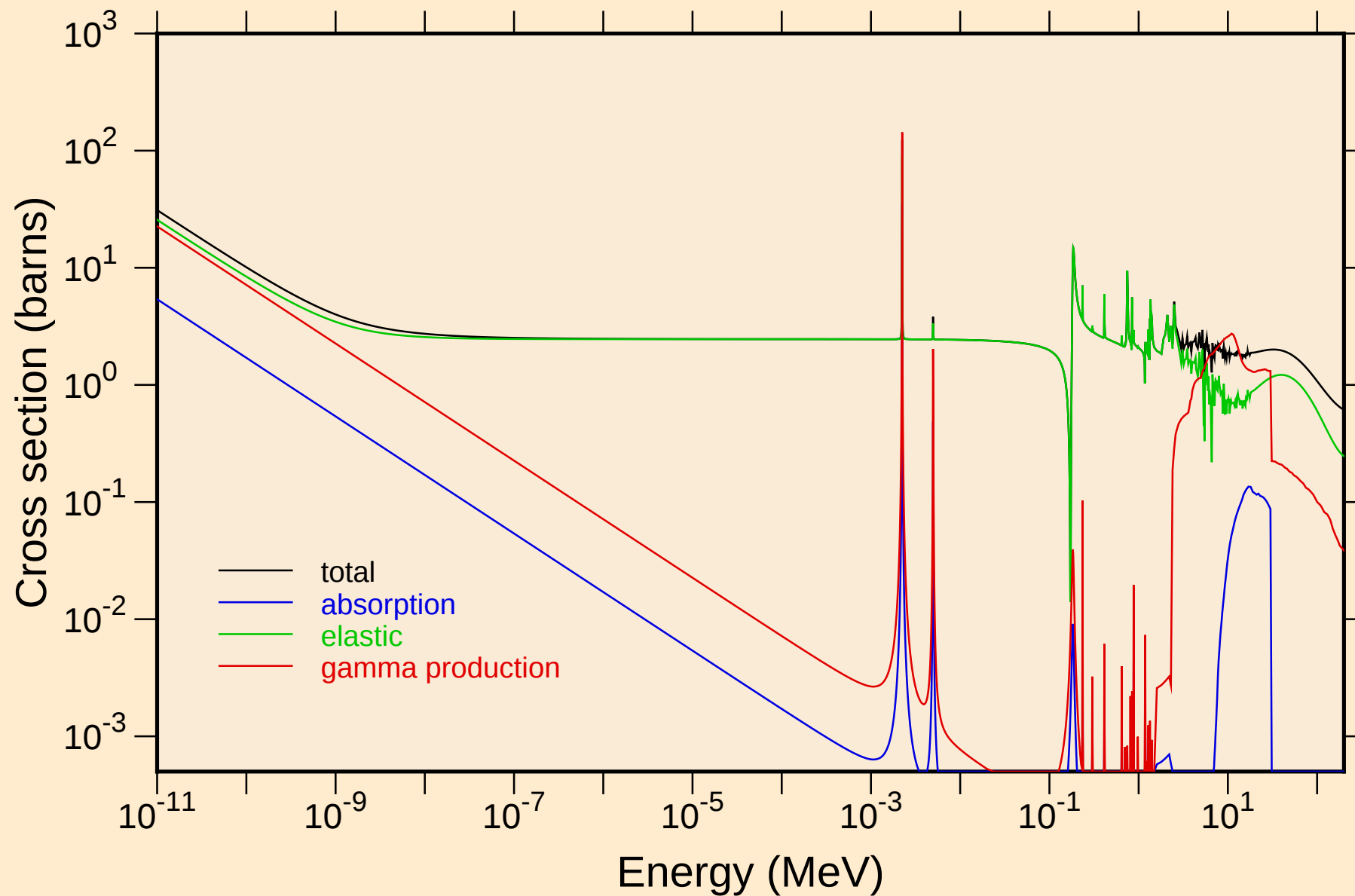
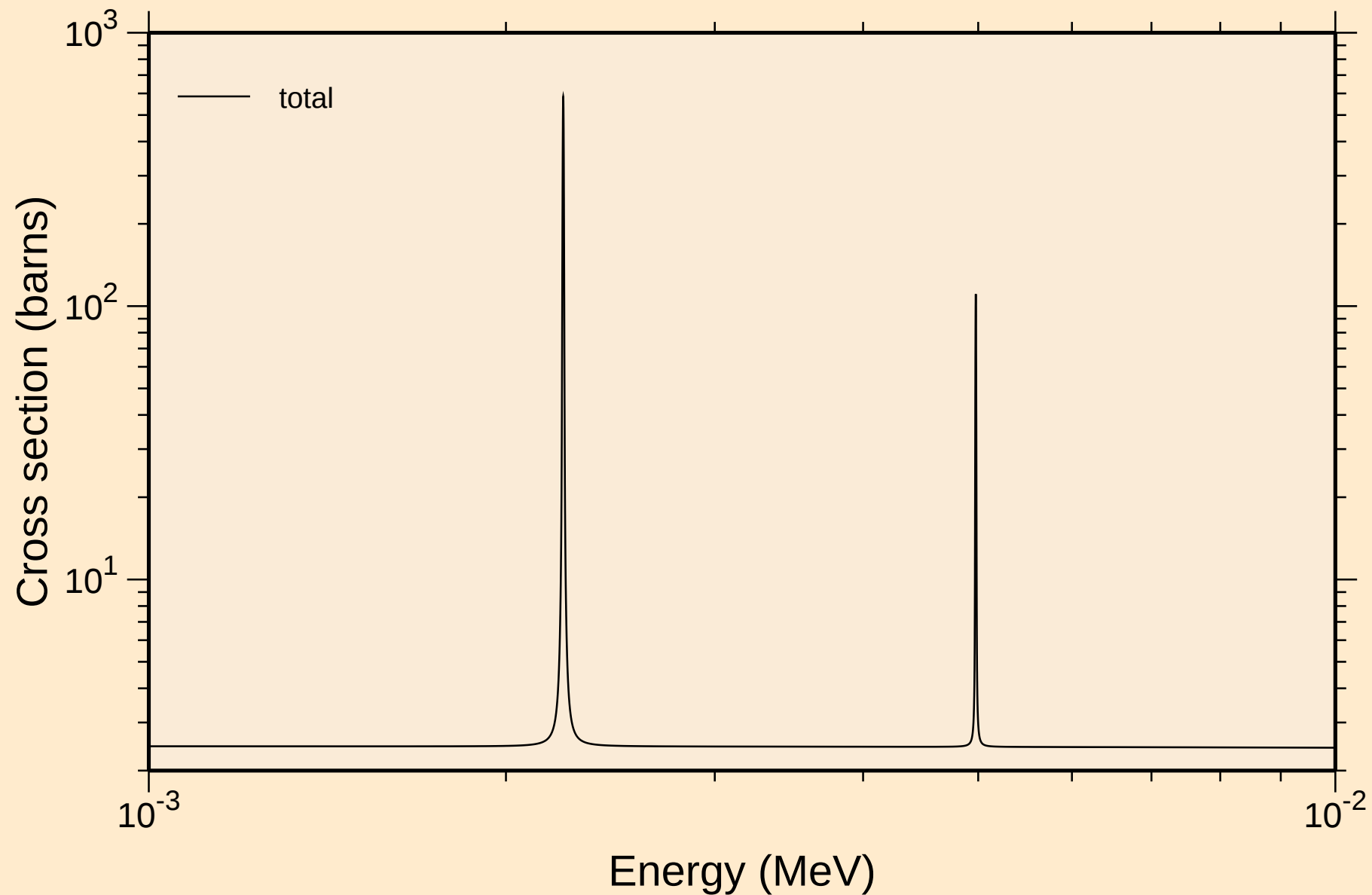


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

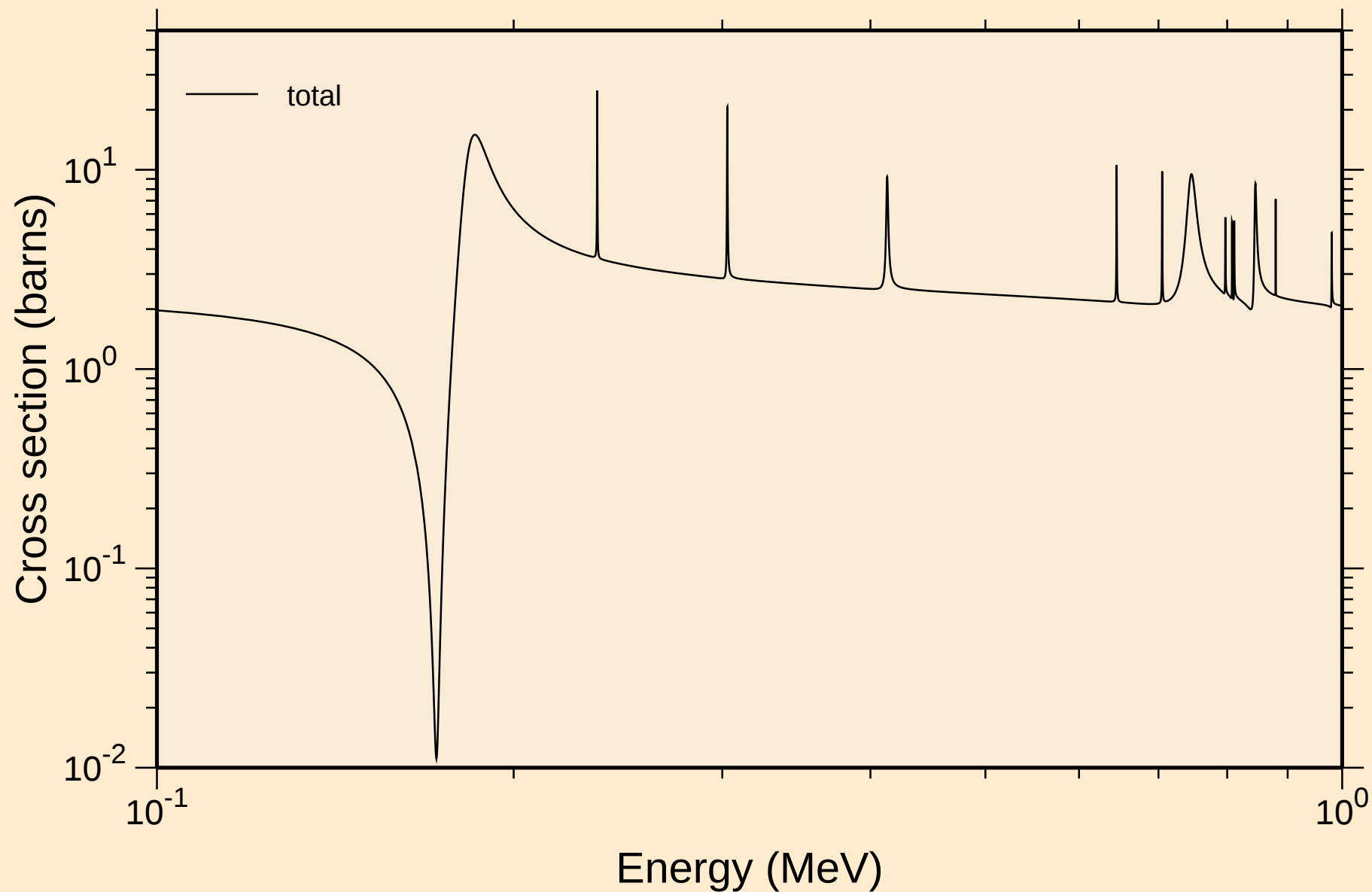
Principal cross sections



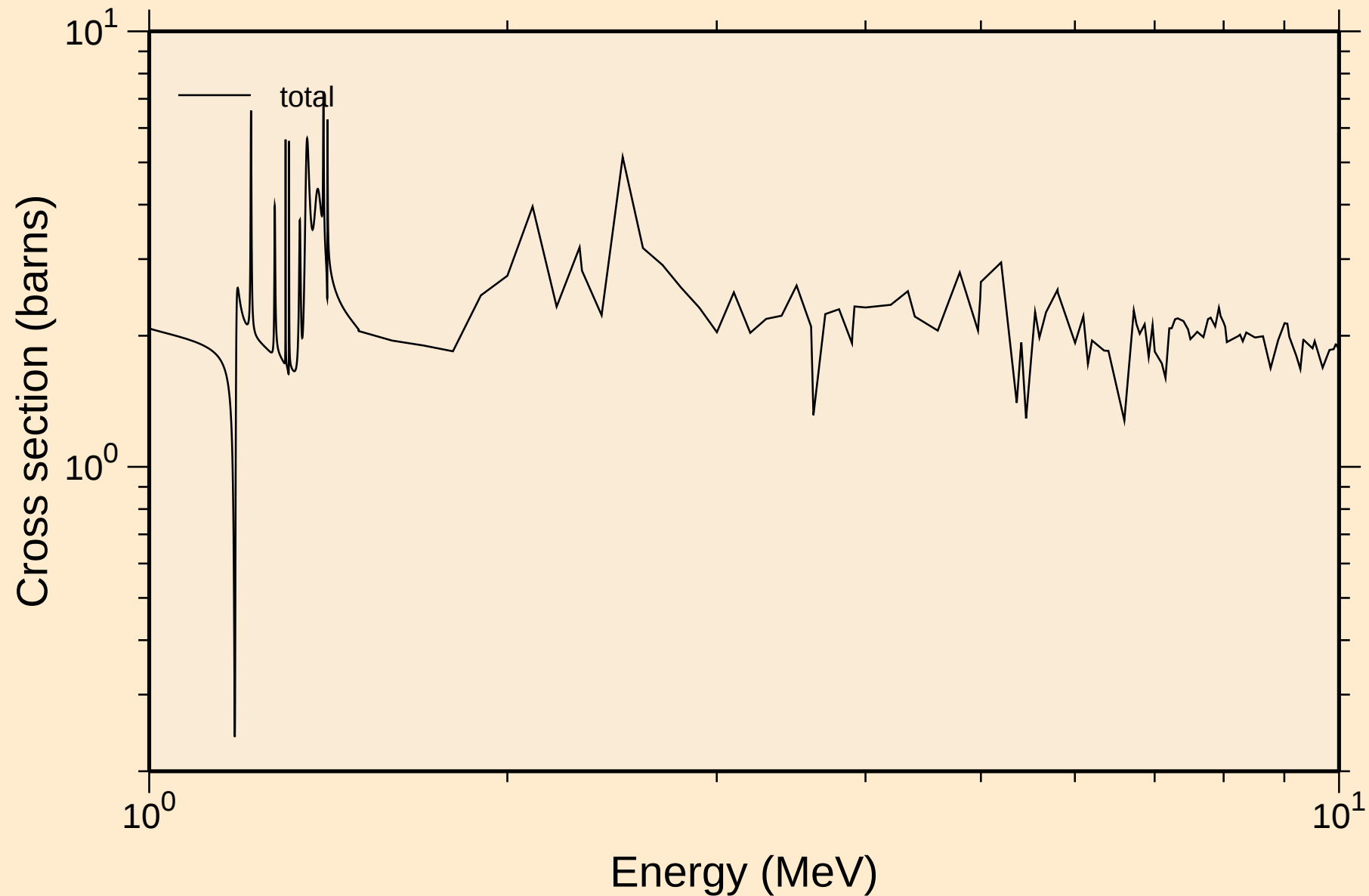
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



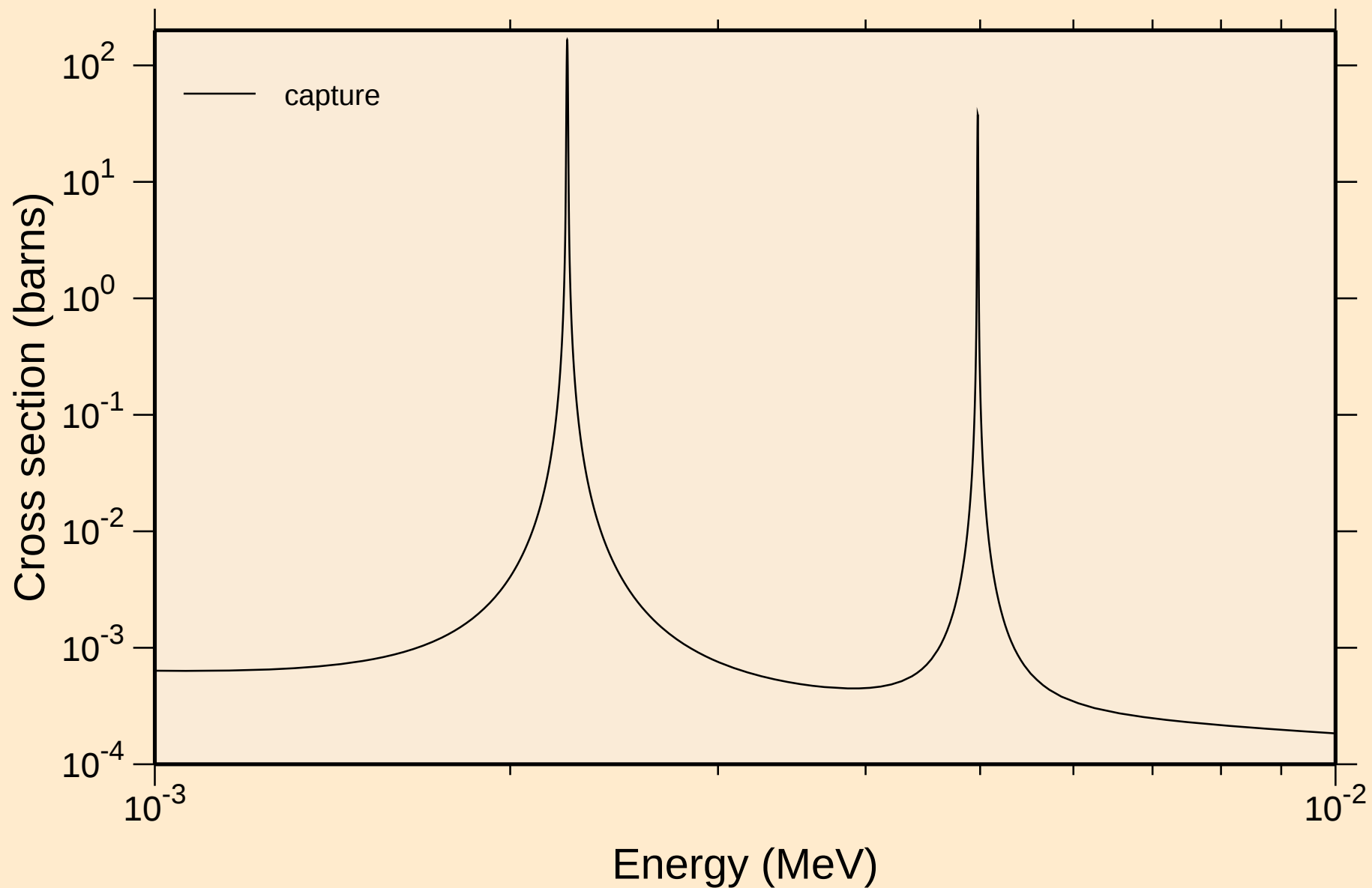
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



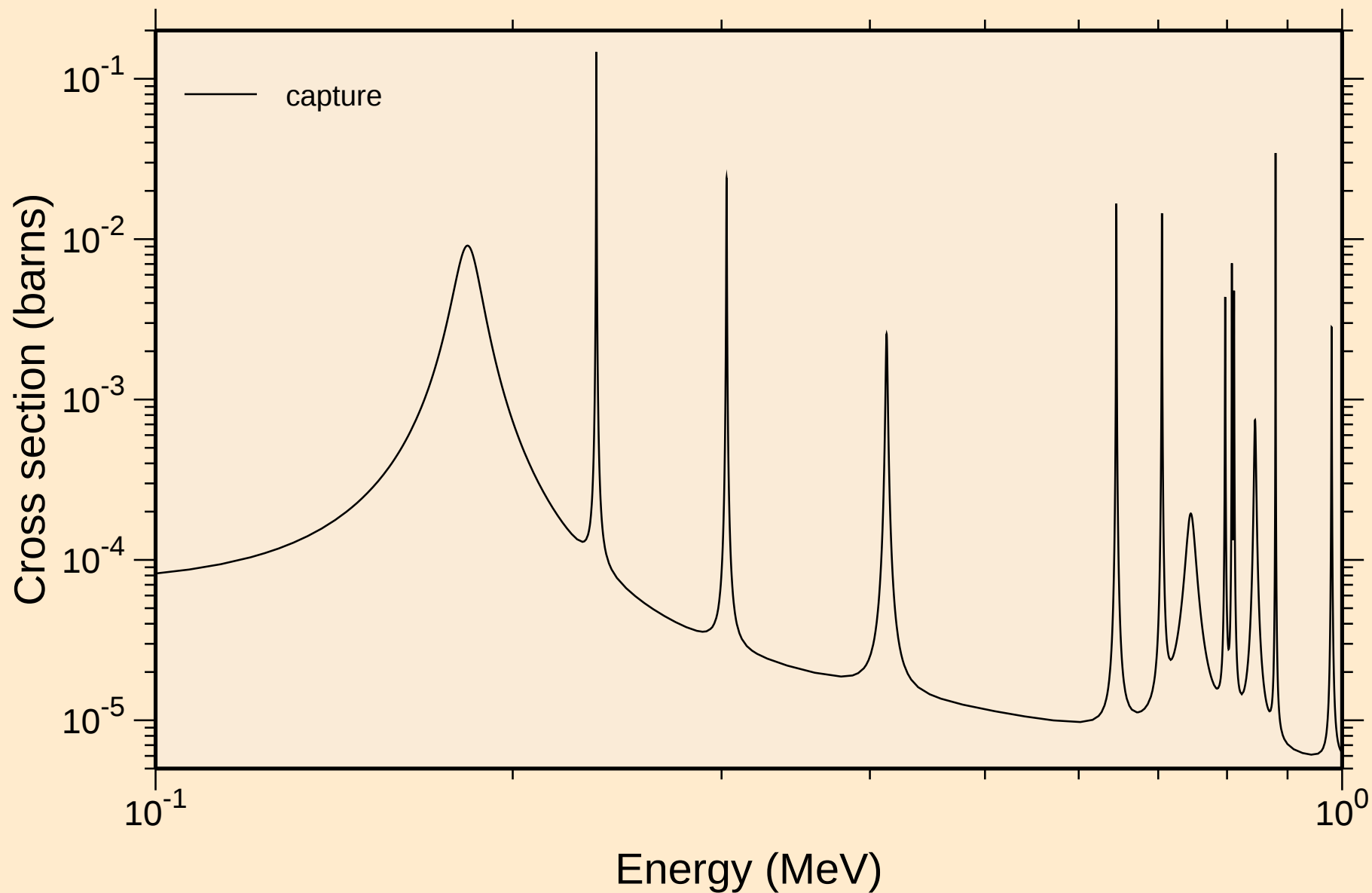
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



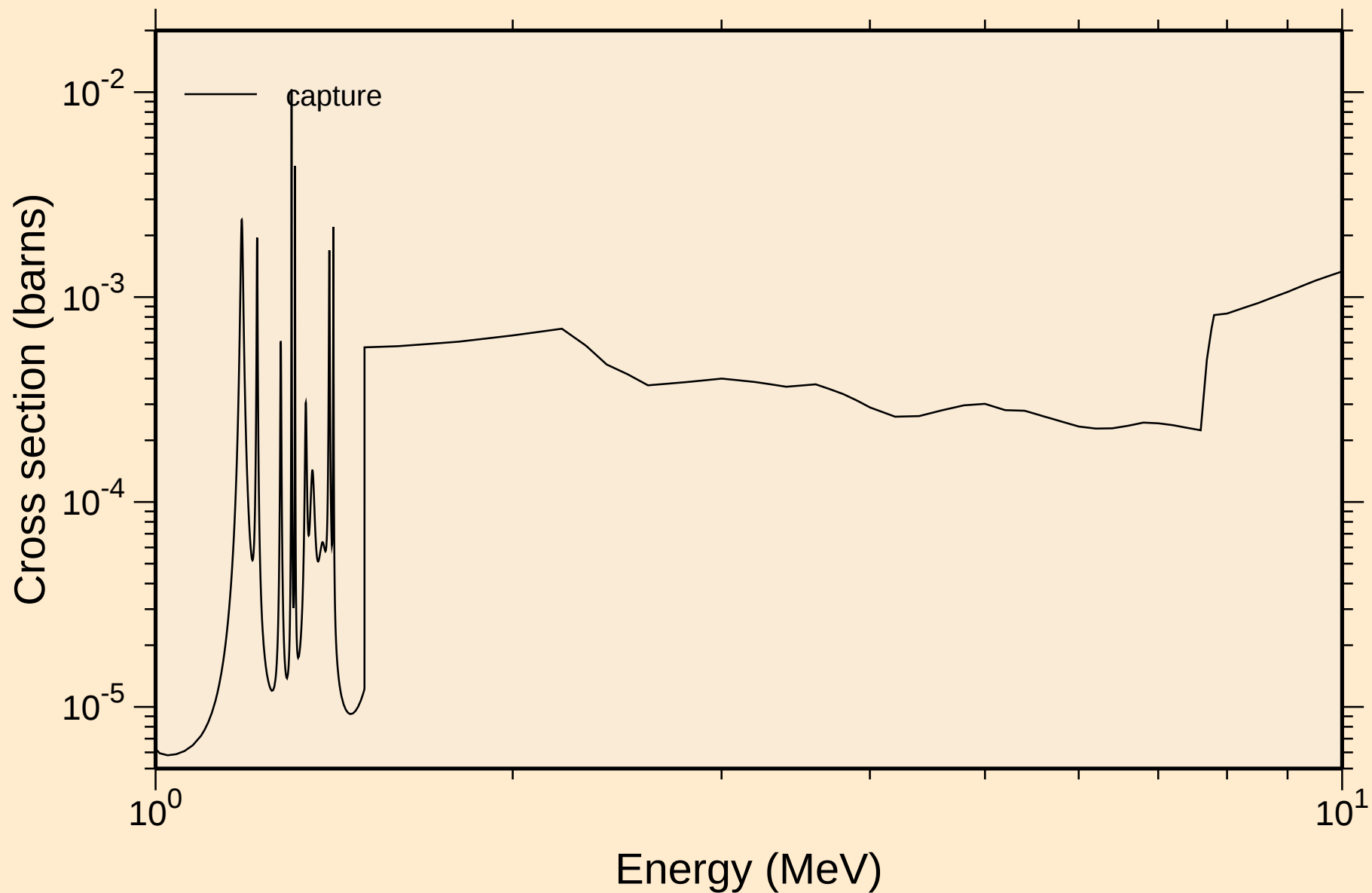
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

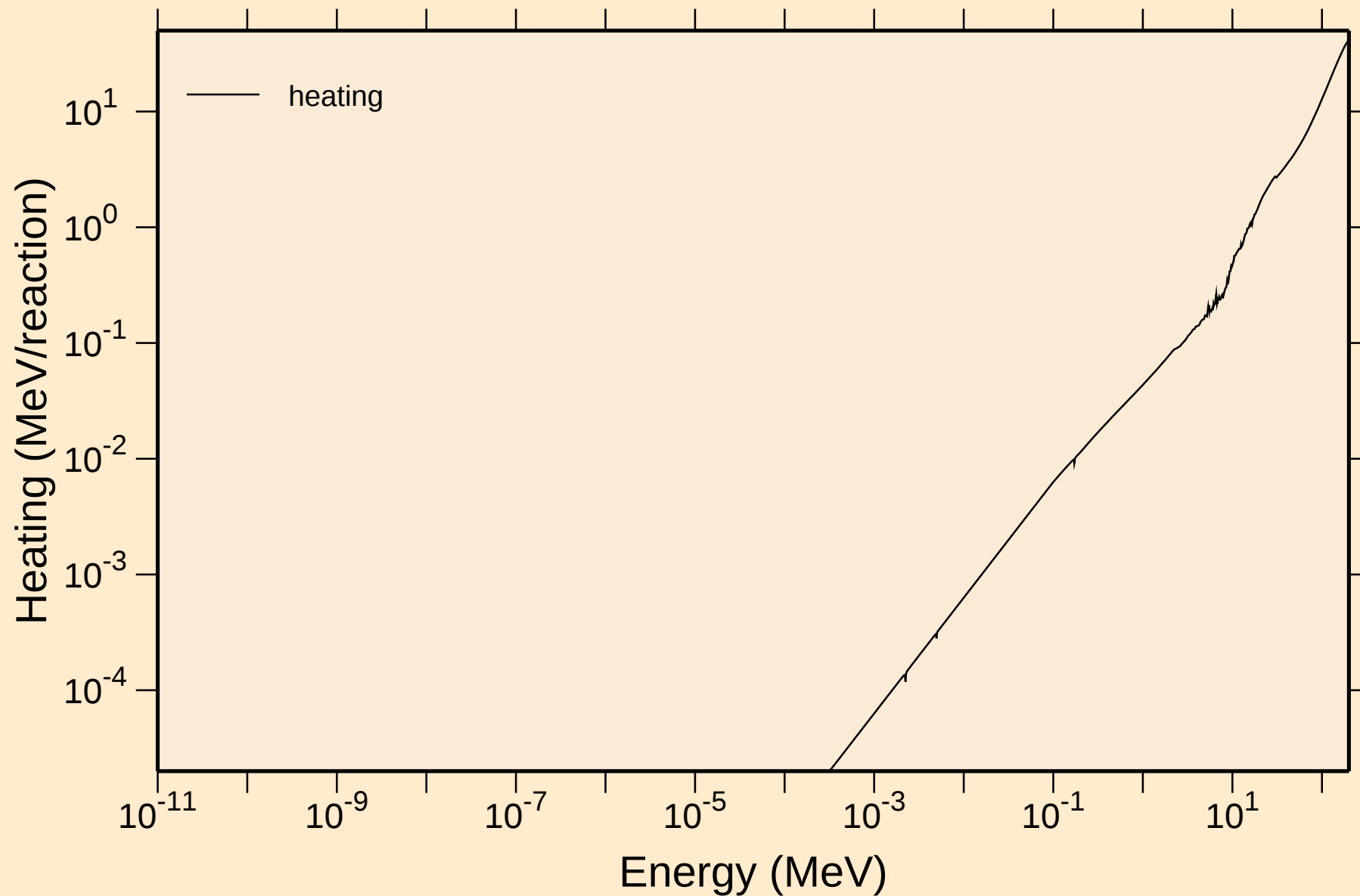


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

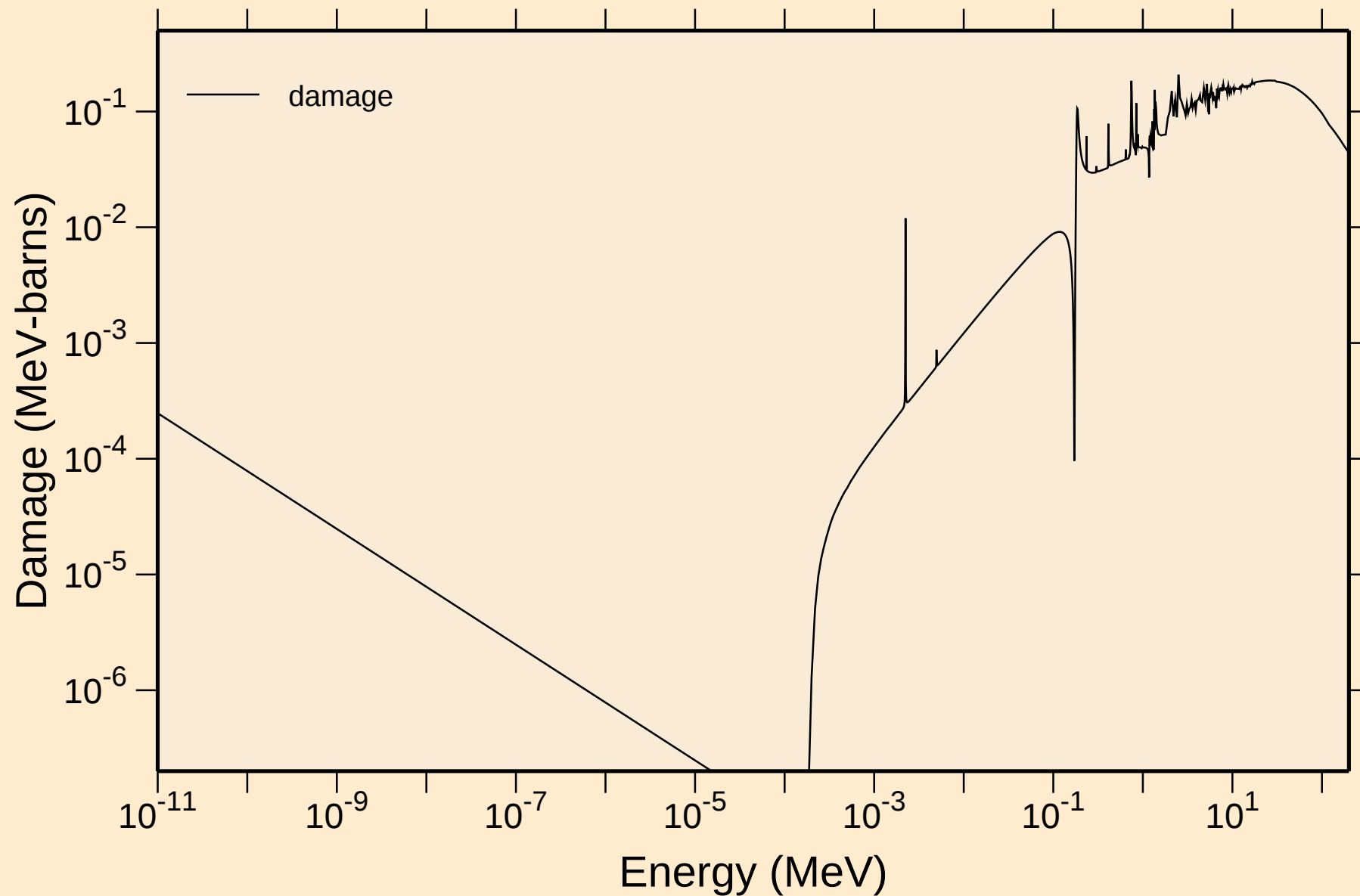


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

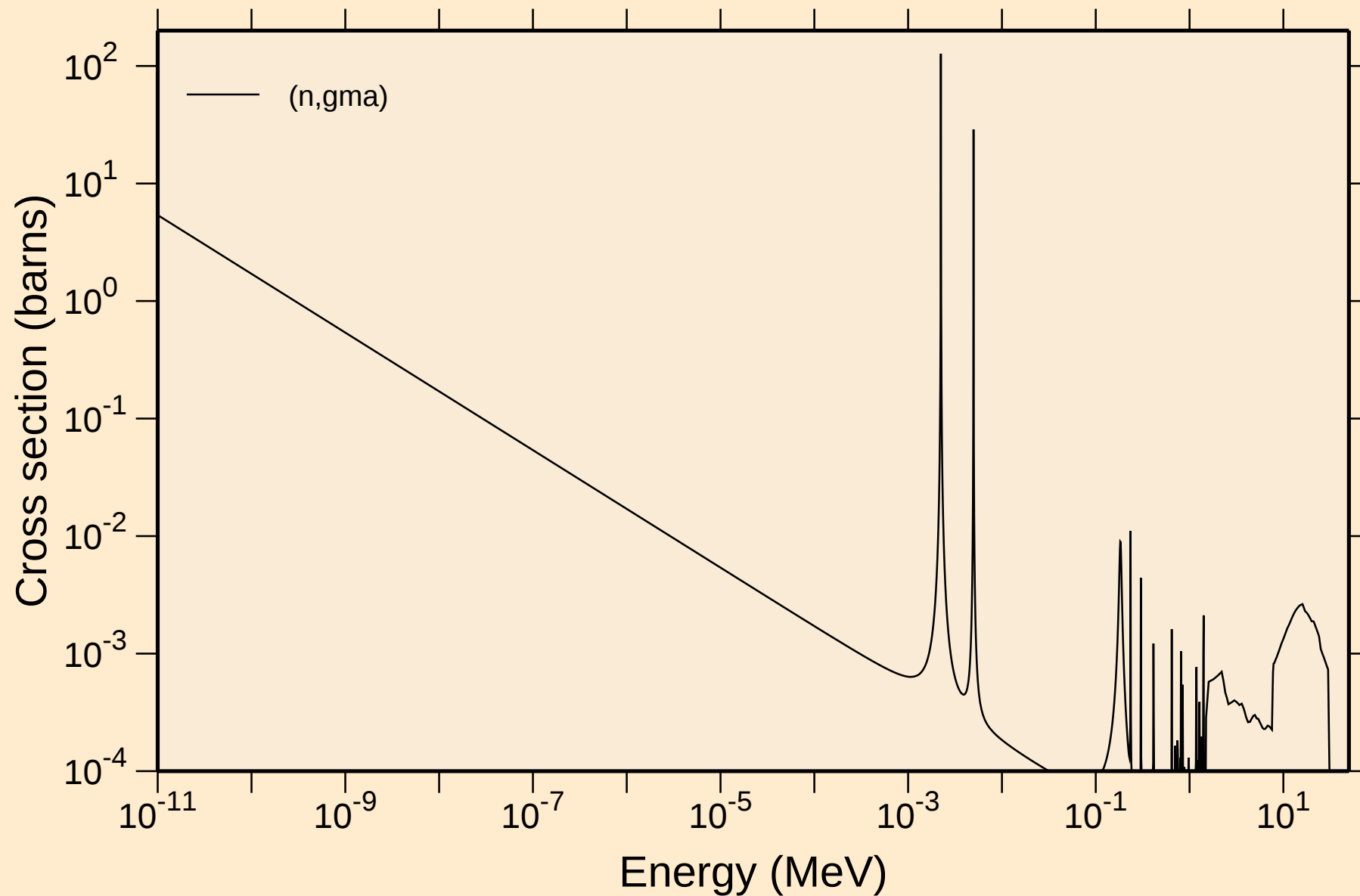
Heating



SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage

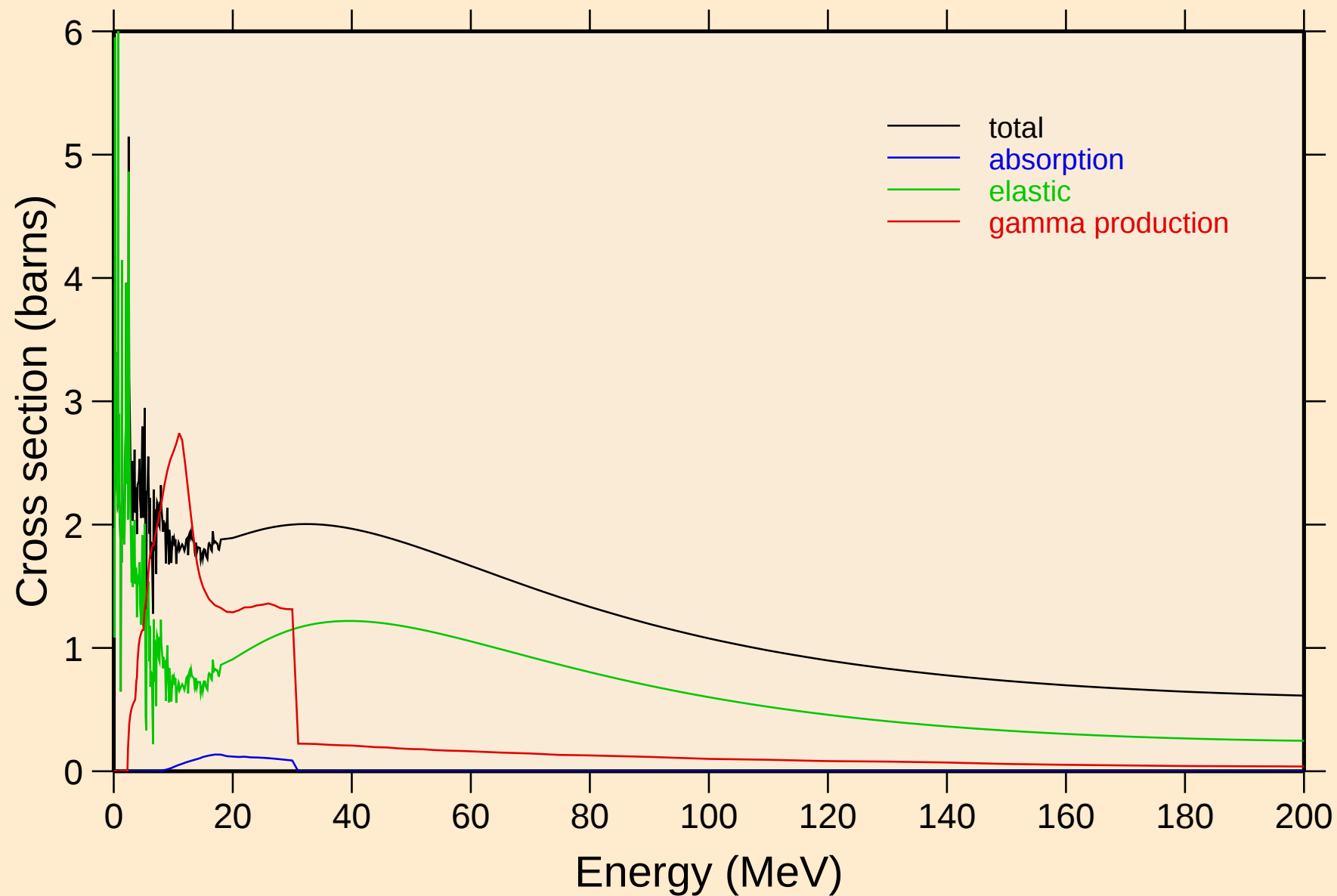


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



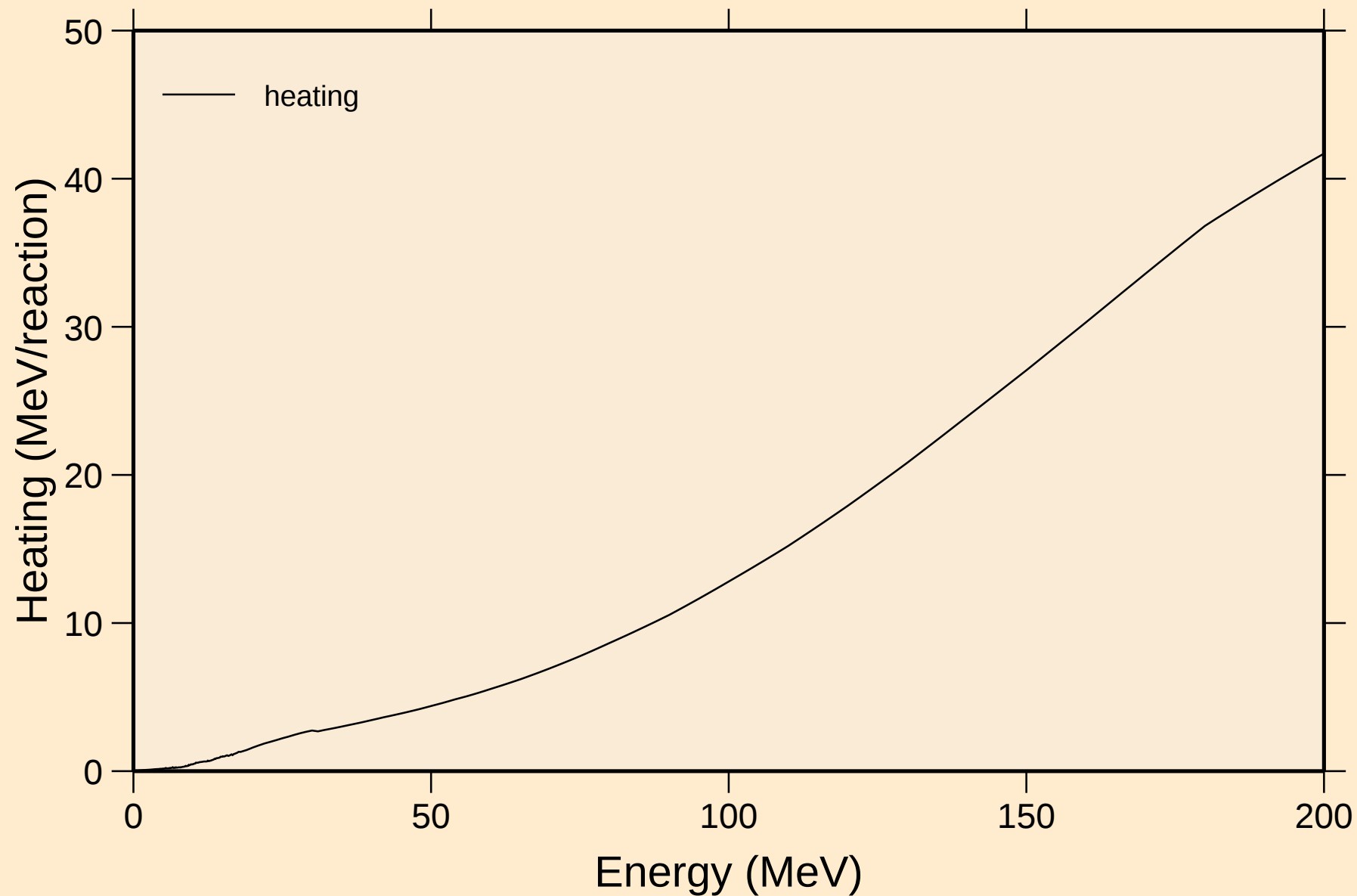
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections



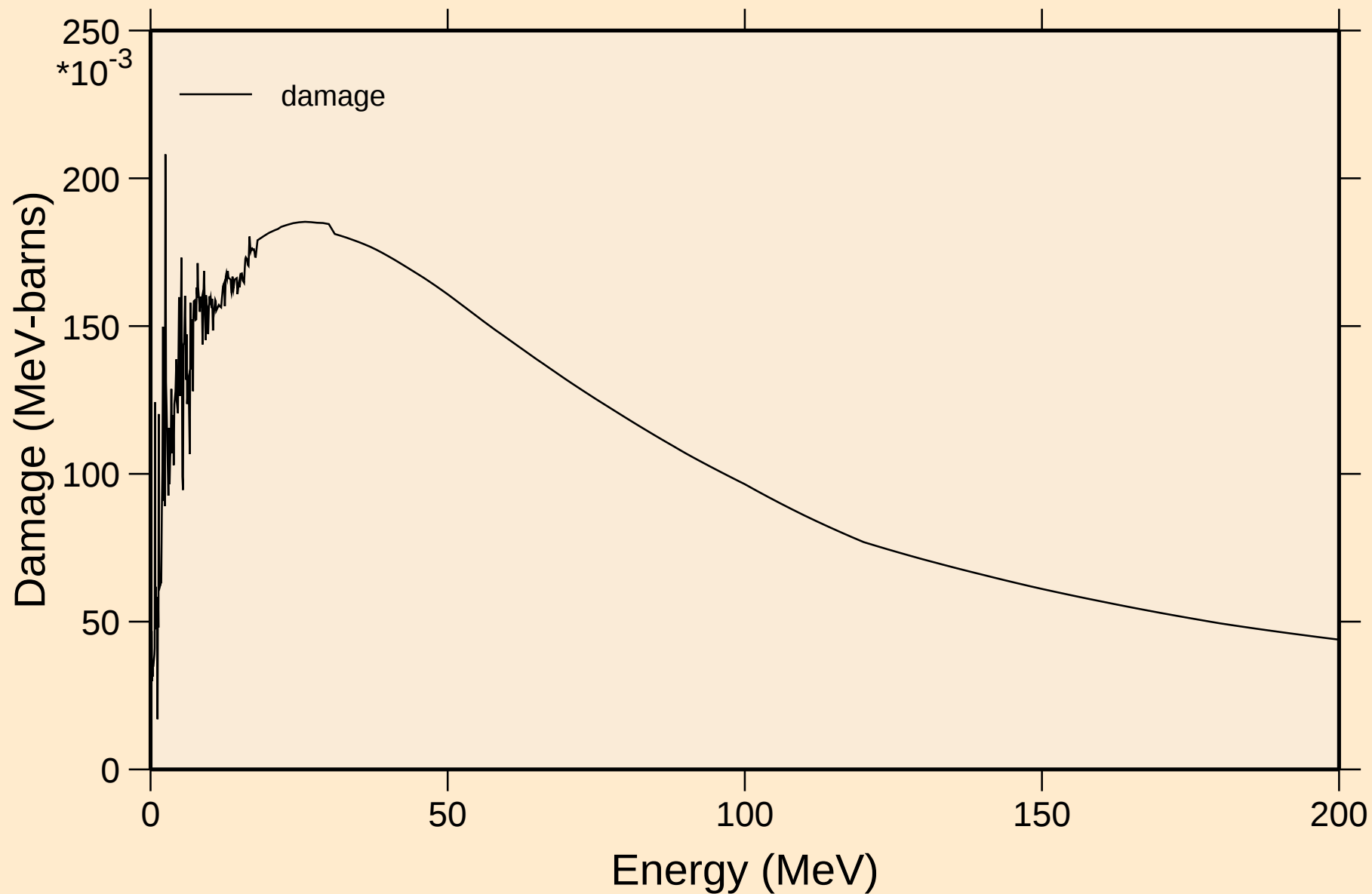
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

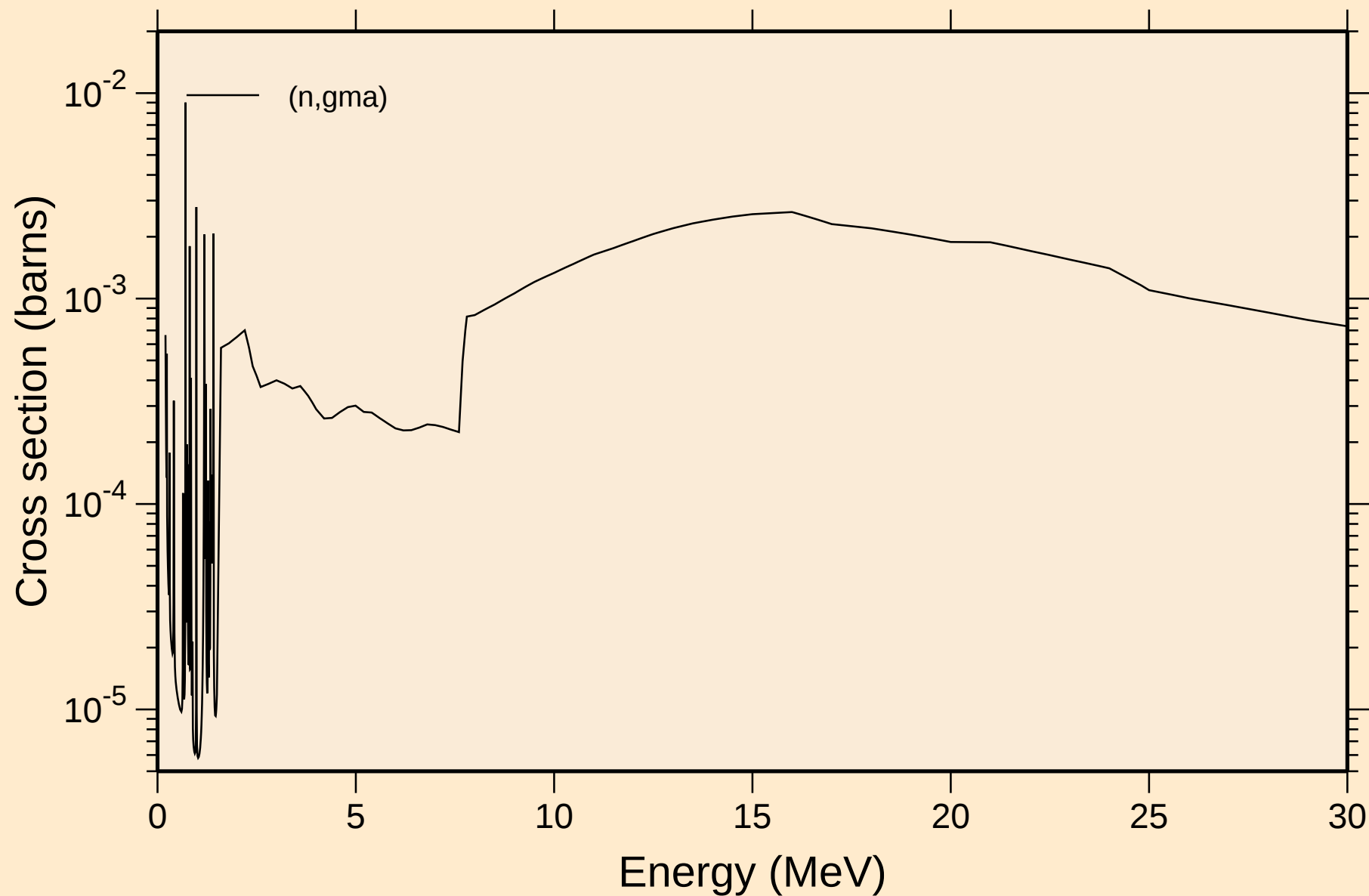


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

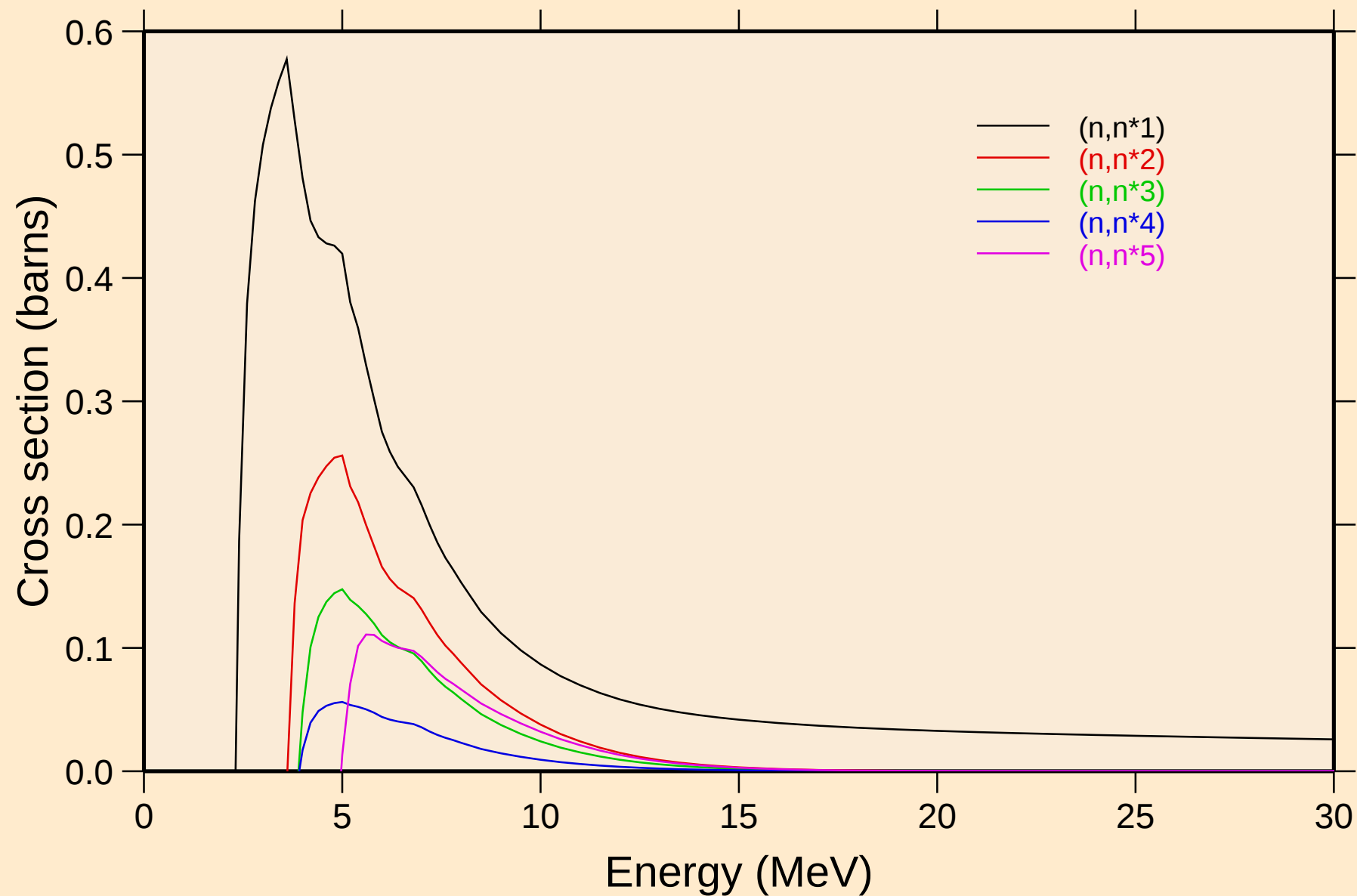
Damage



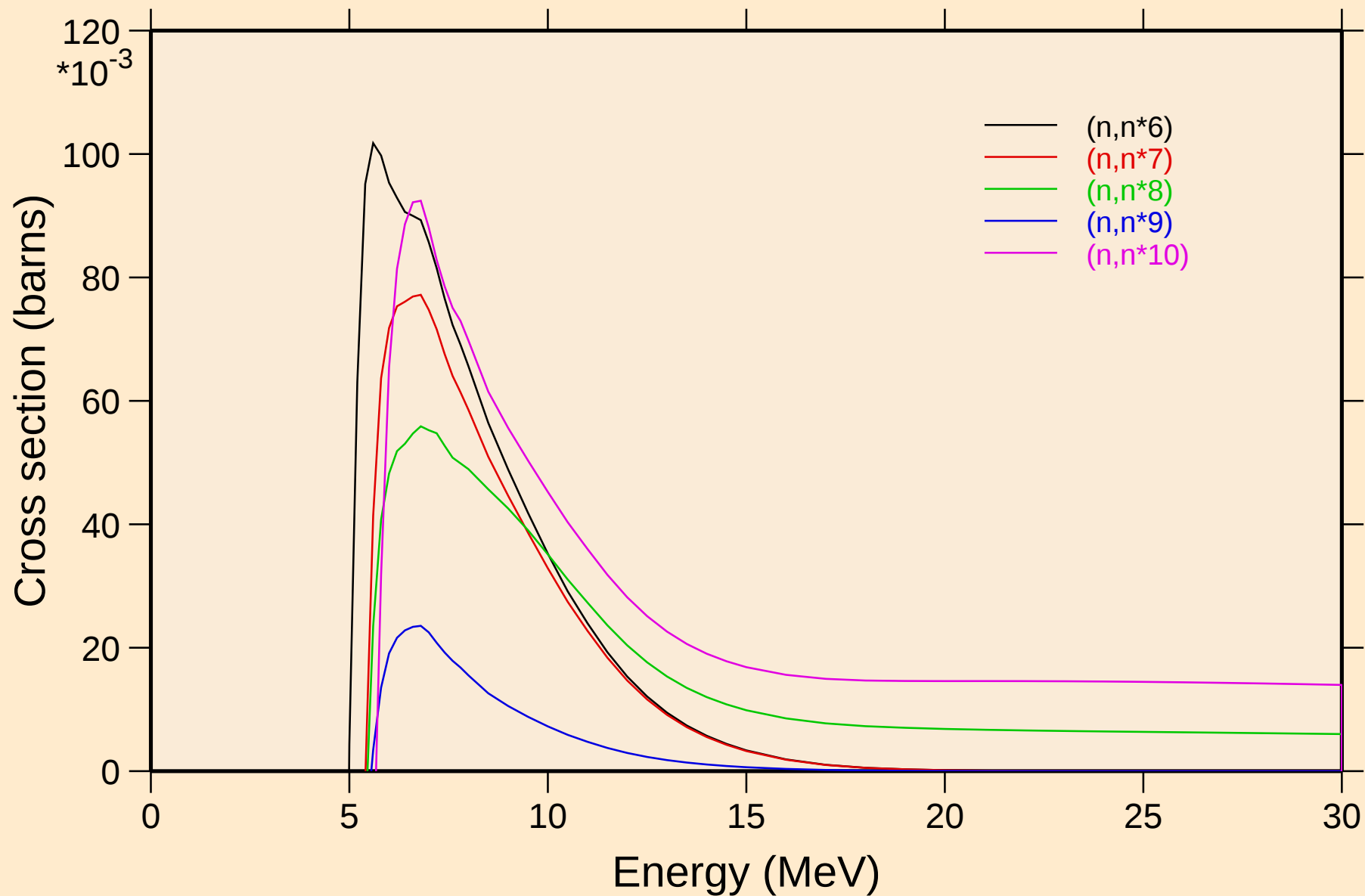
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

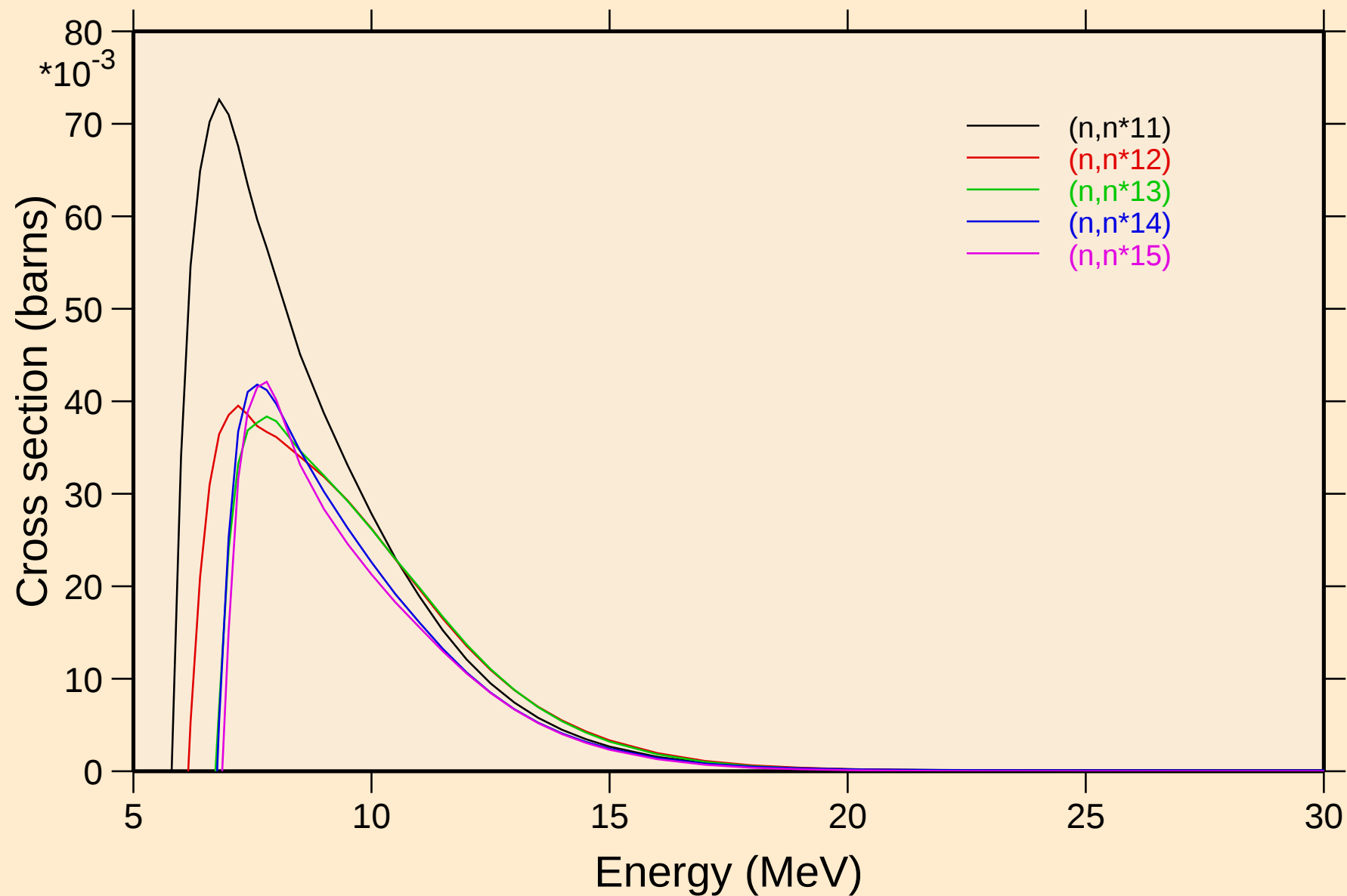


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



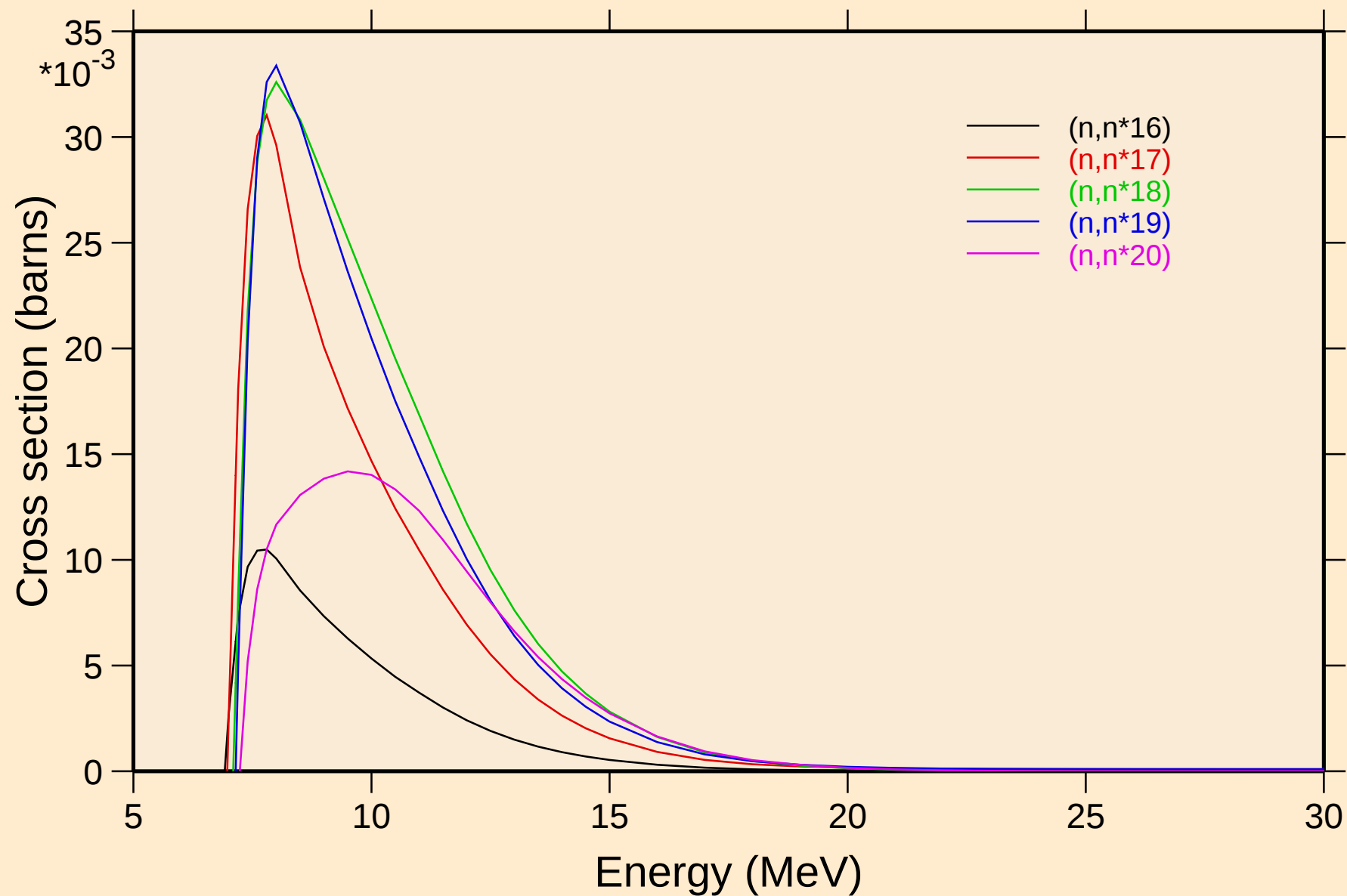
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

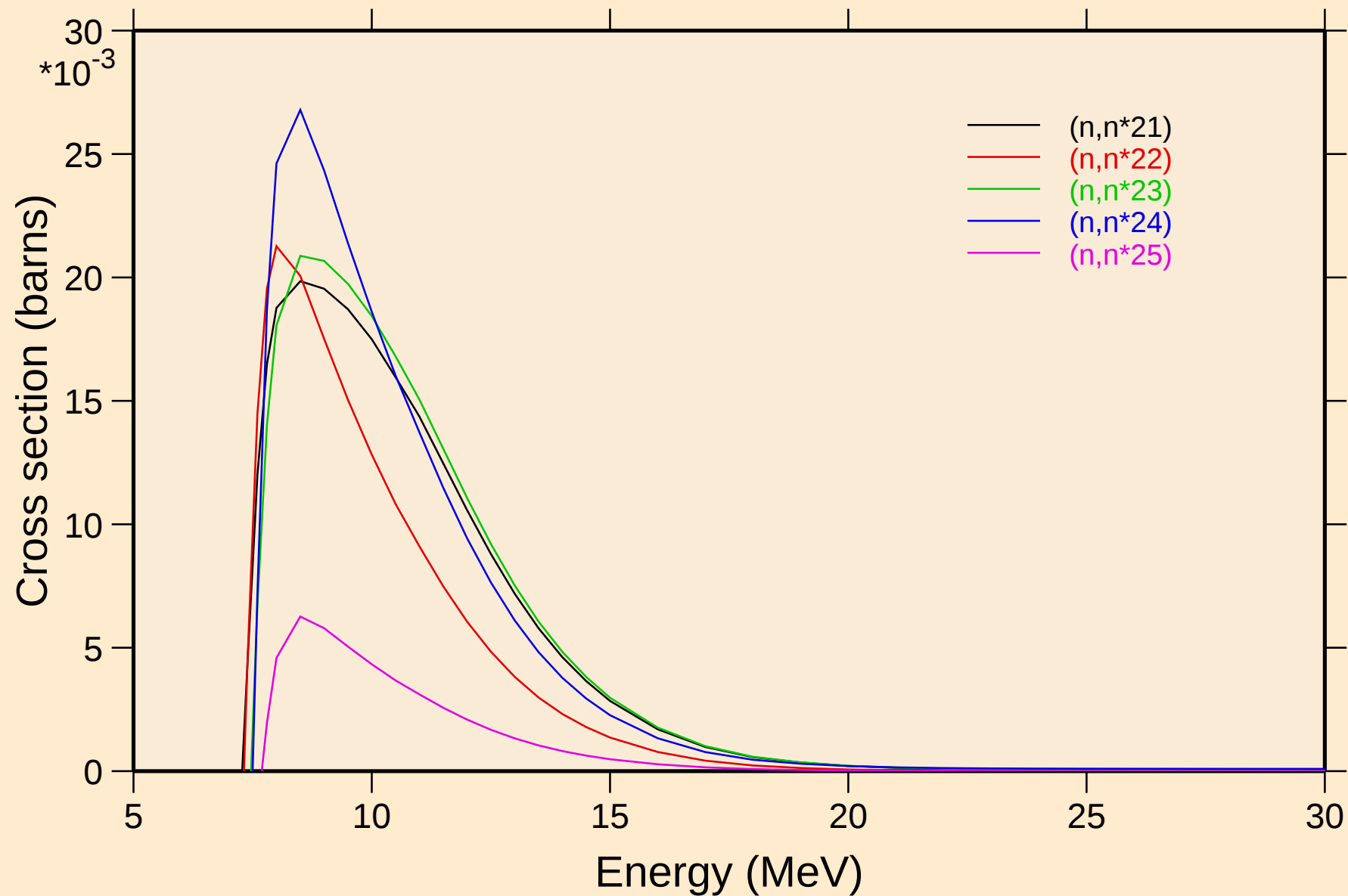


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

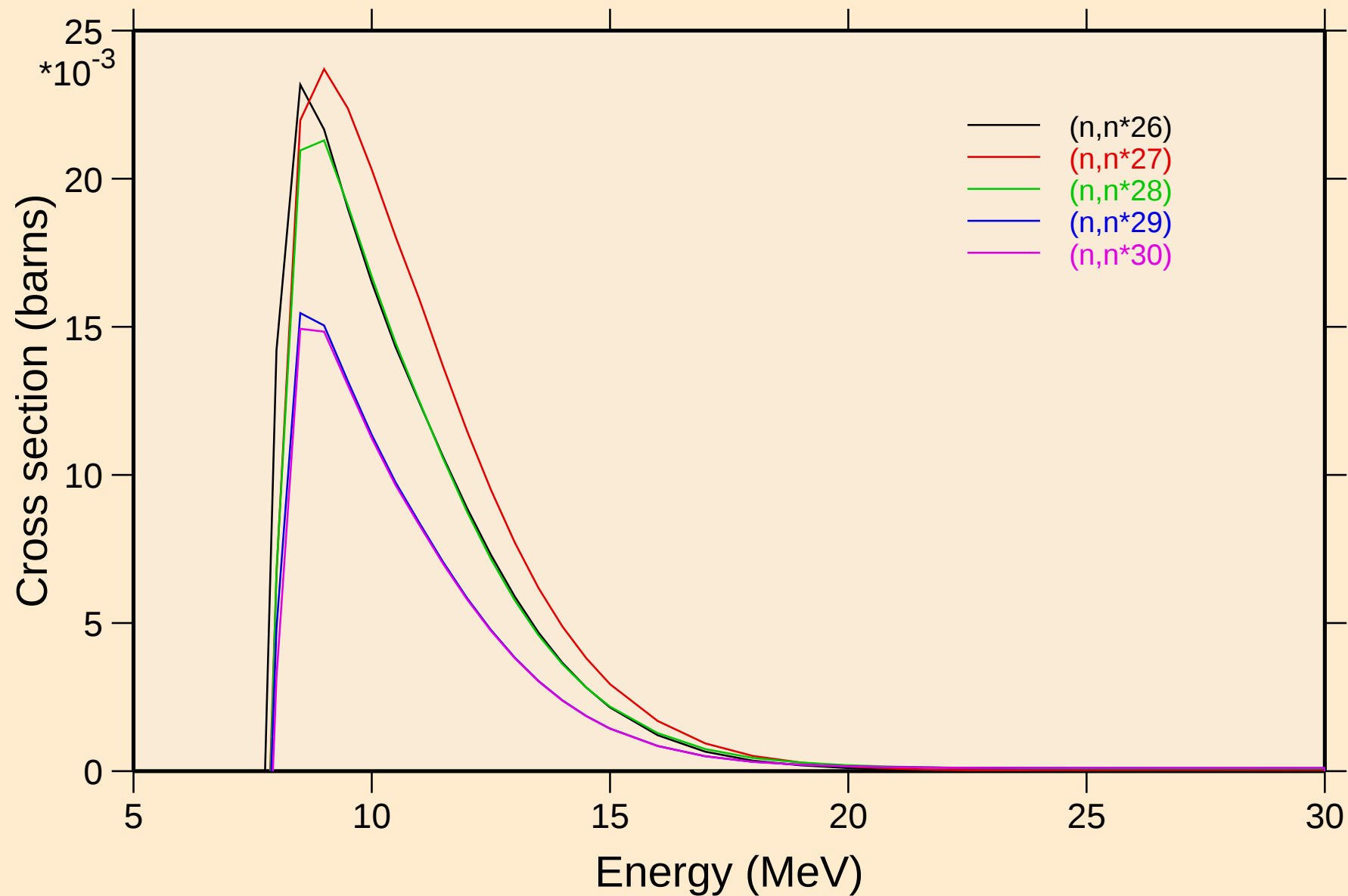


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



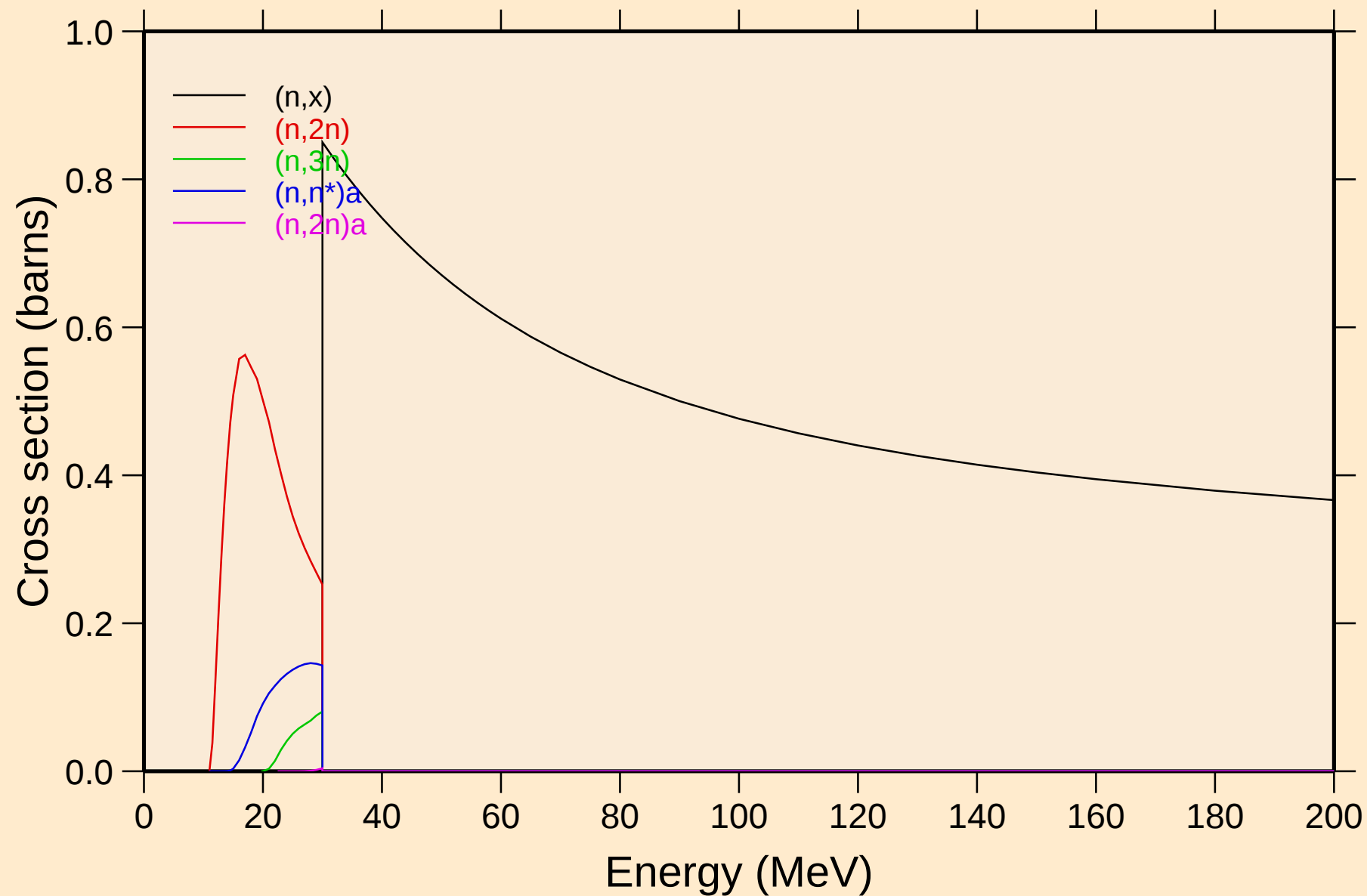
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

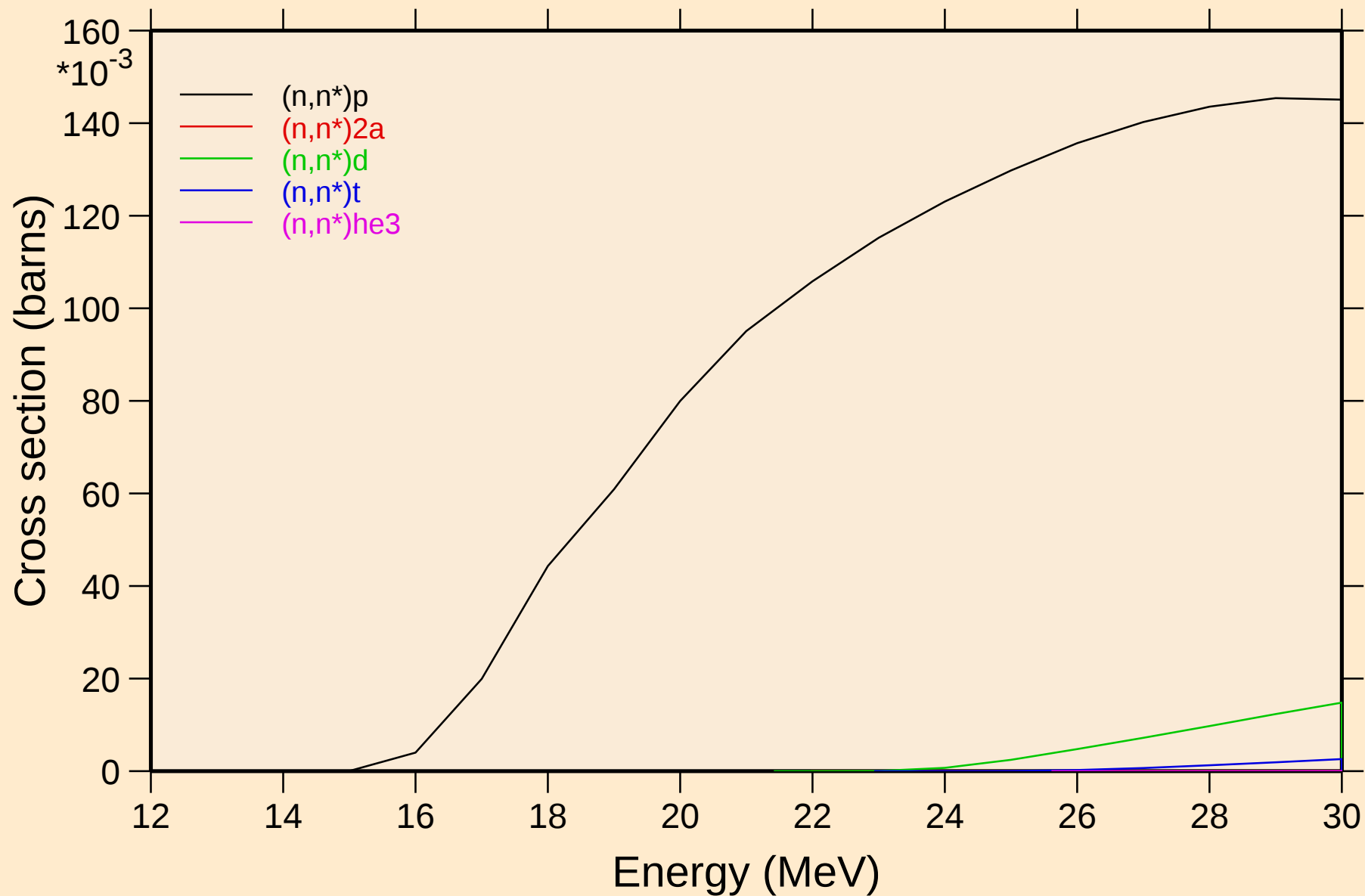


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

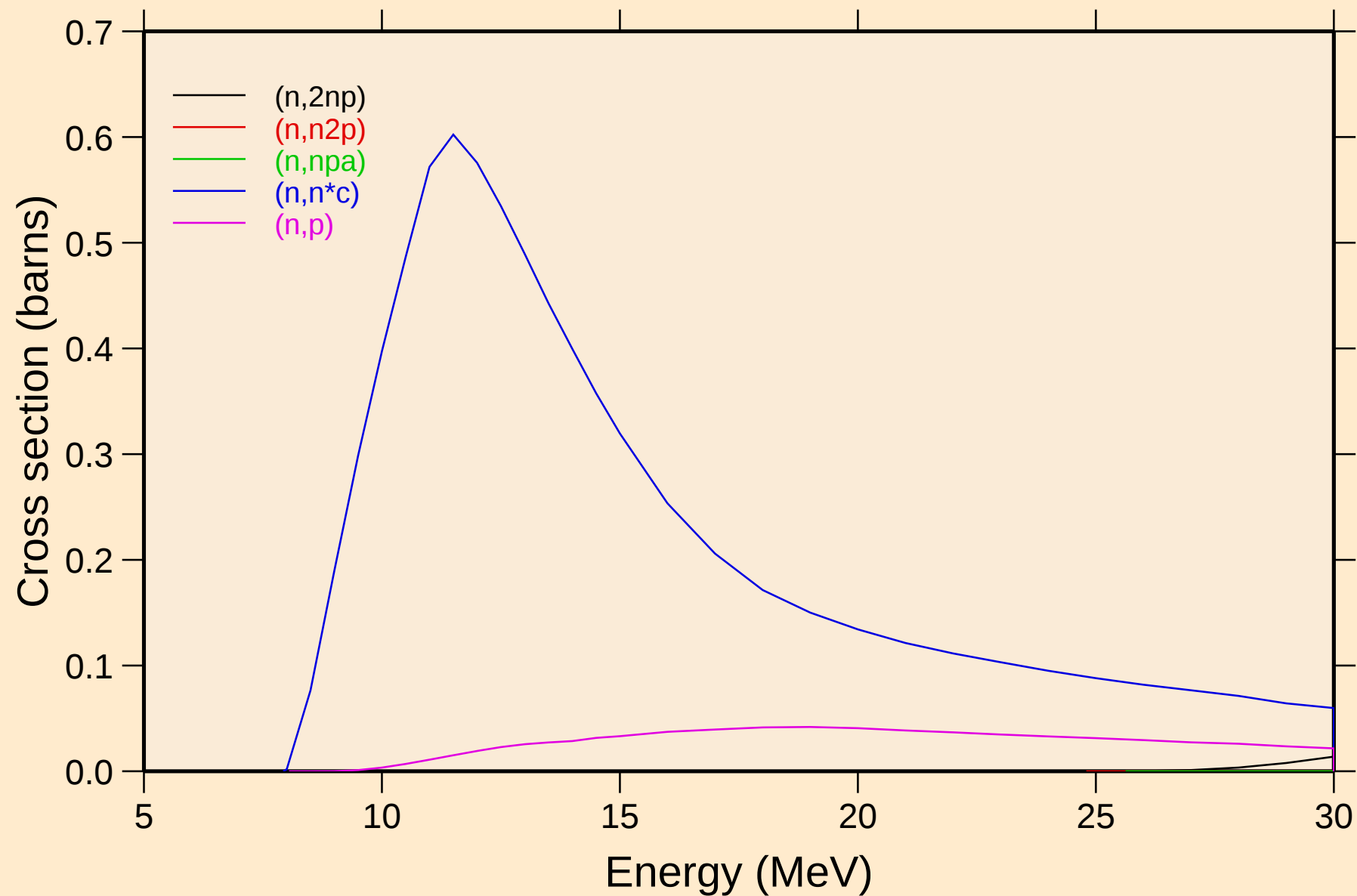
Threshold reactions



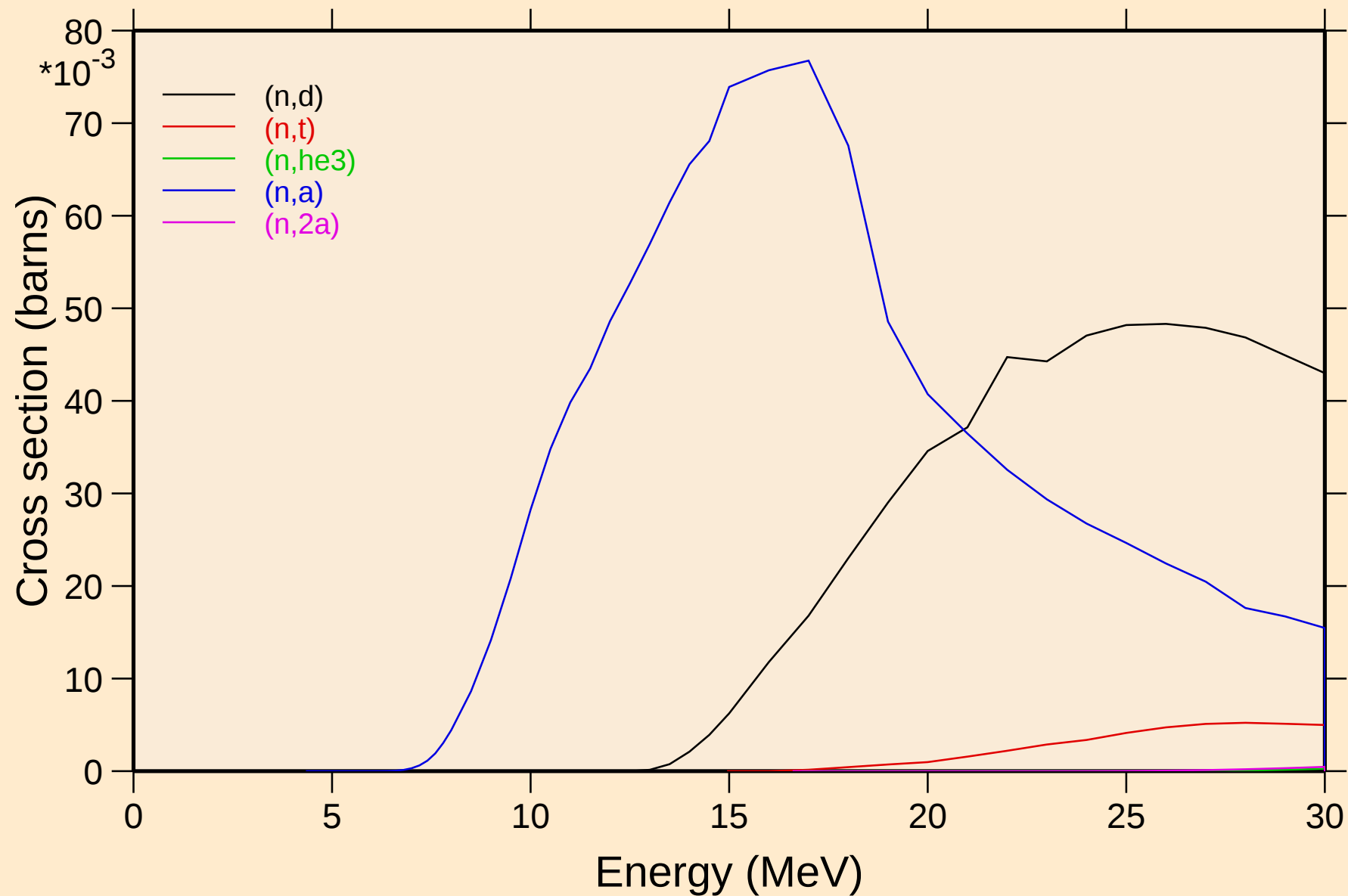
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



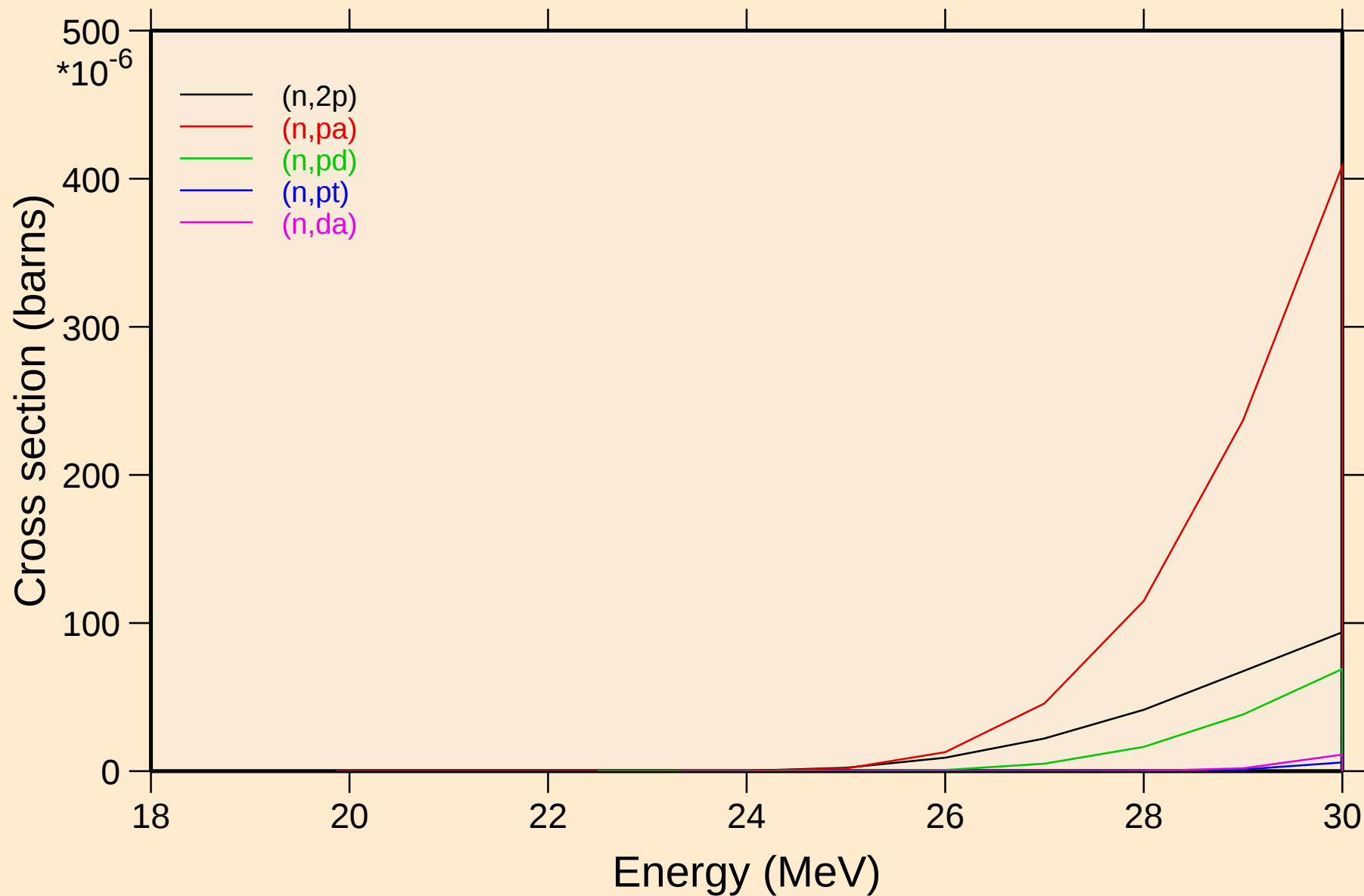
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



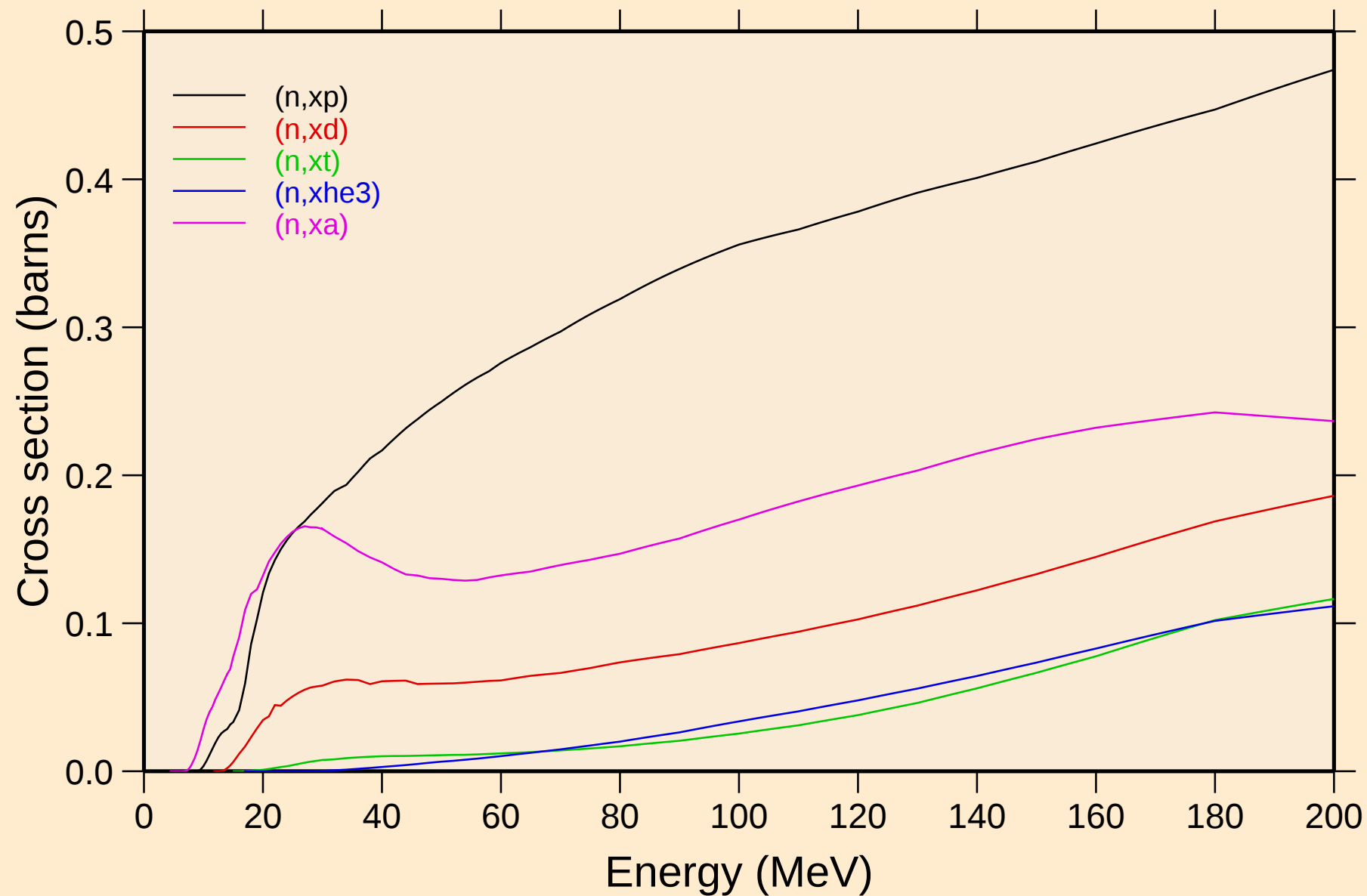
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



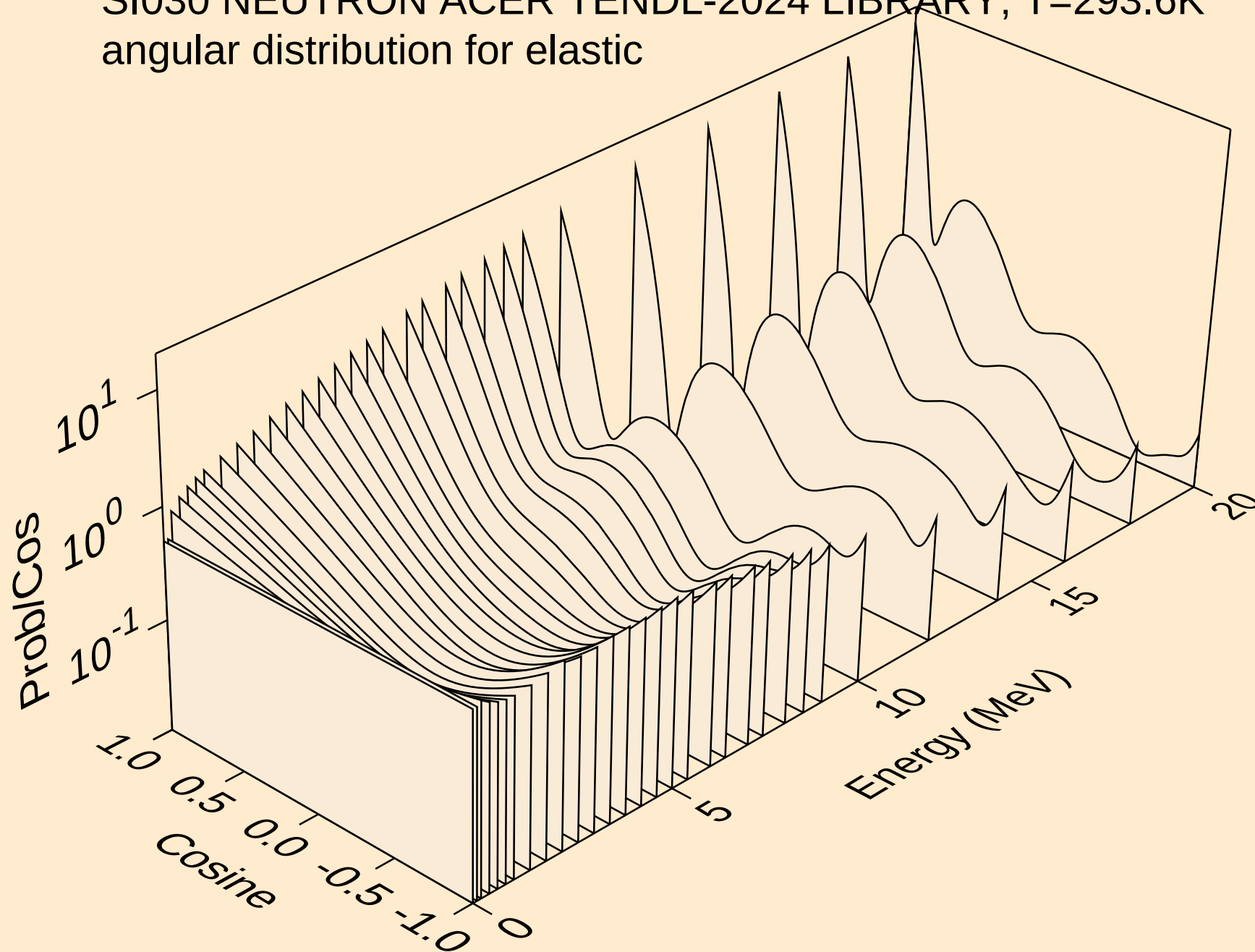
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



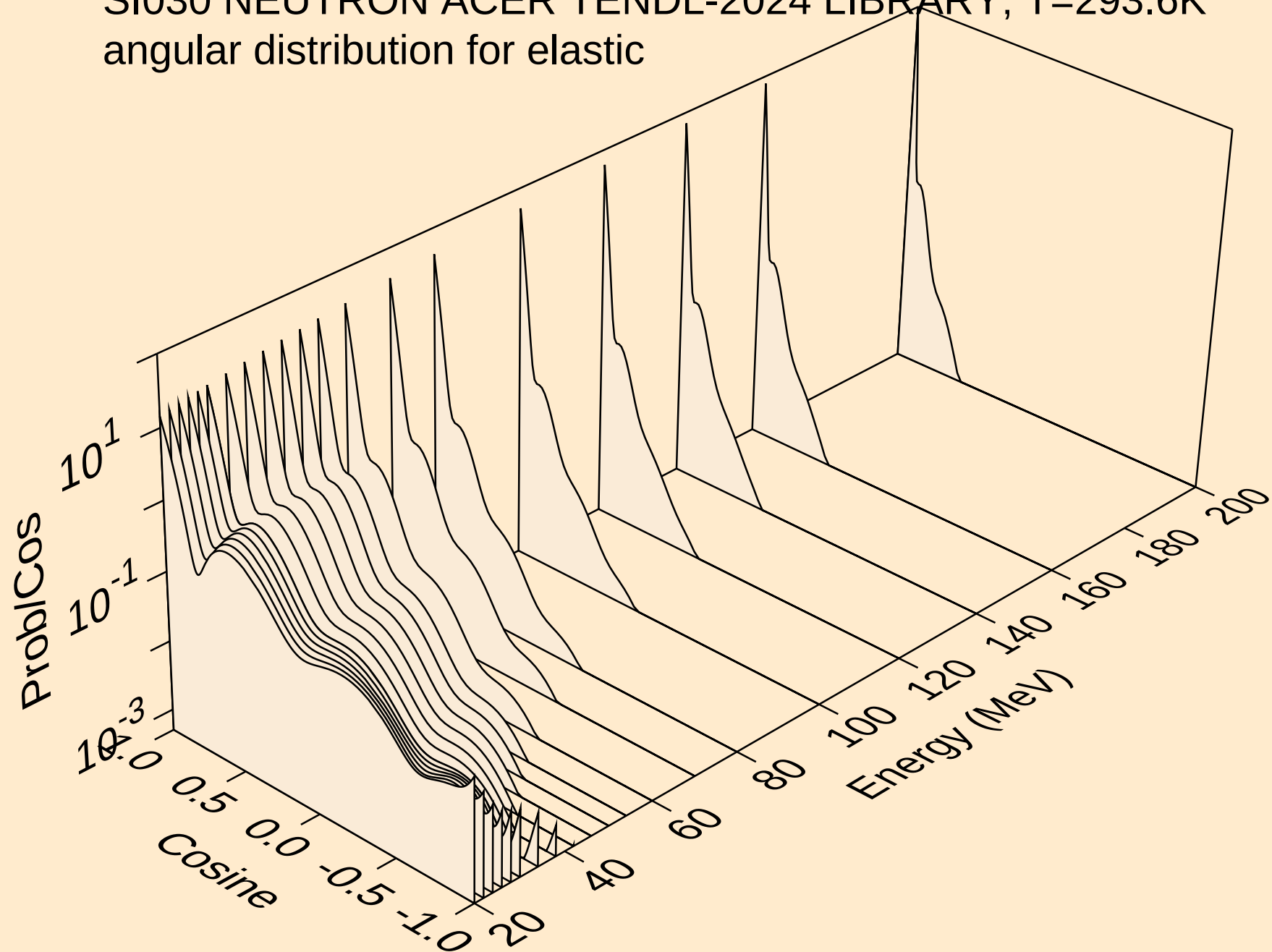
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



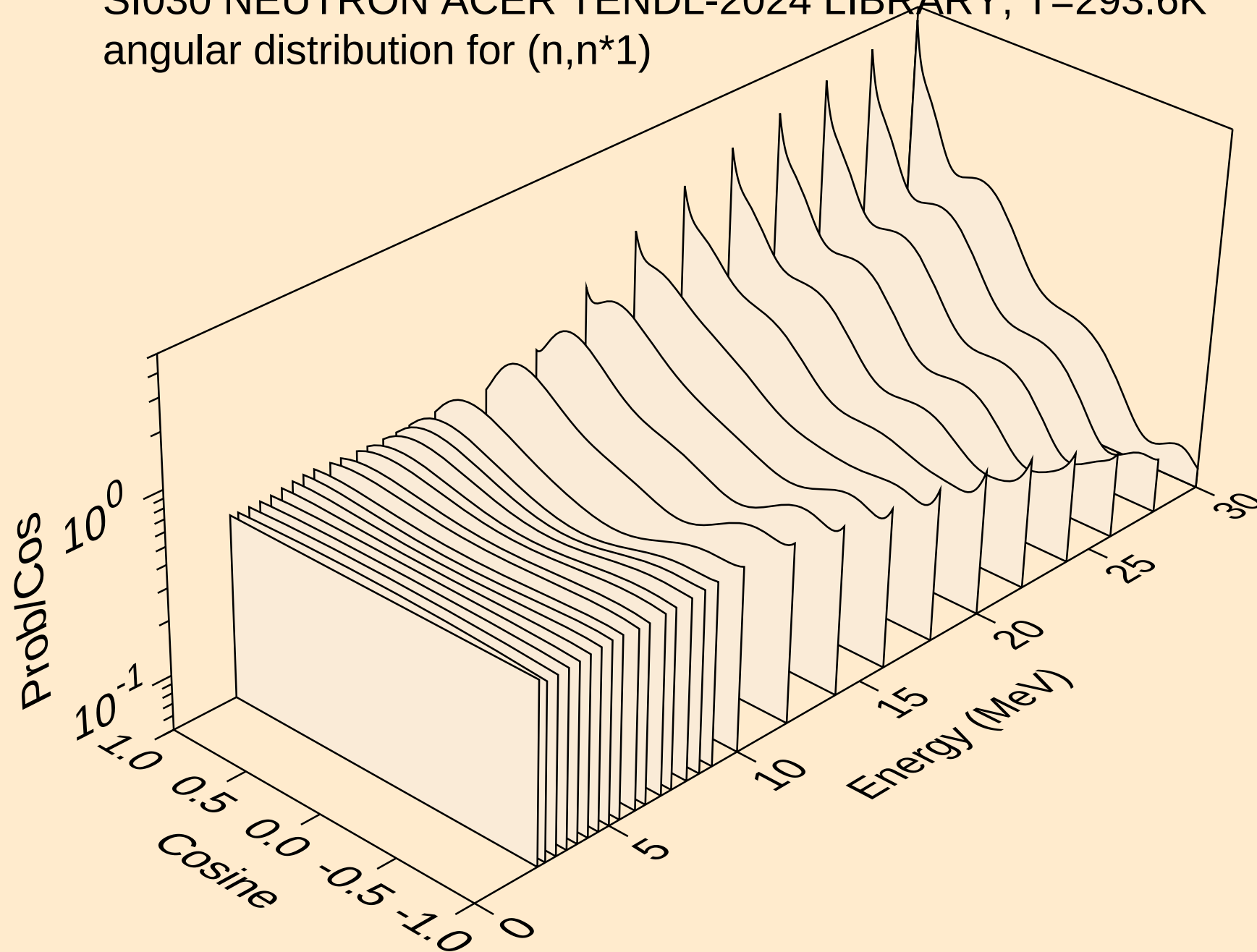
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



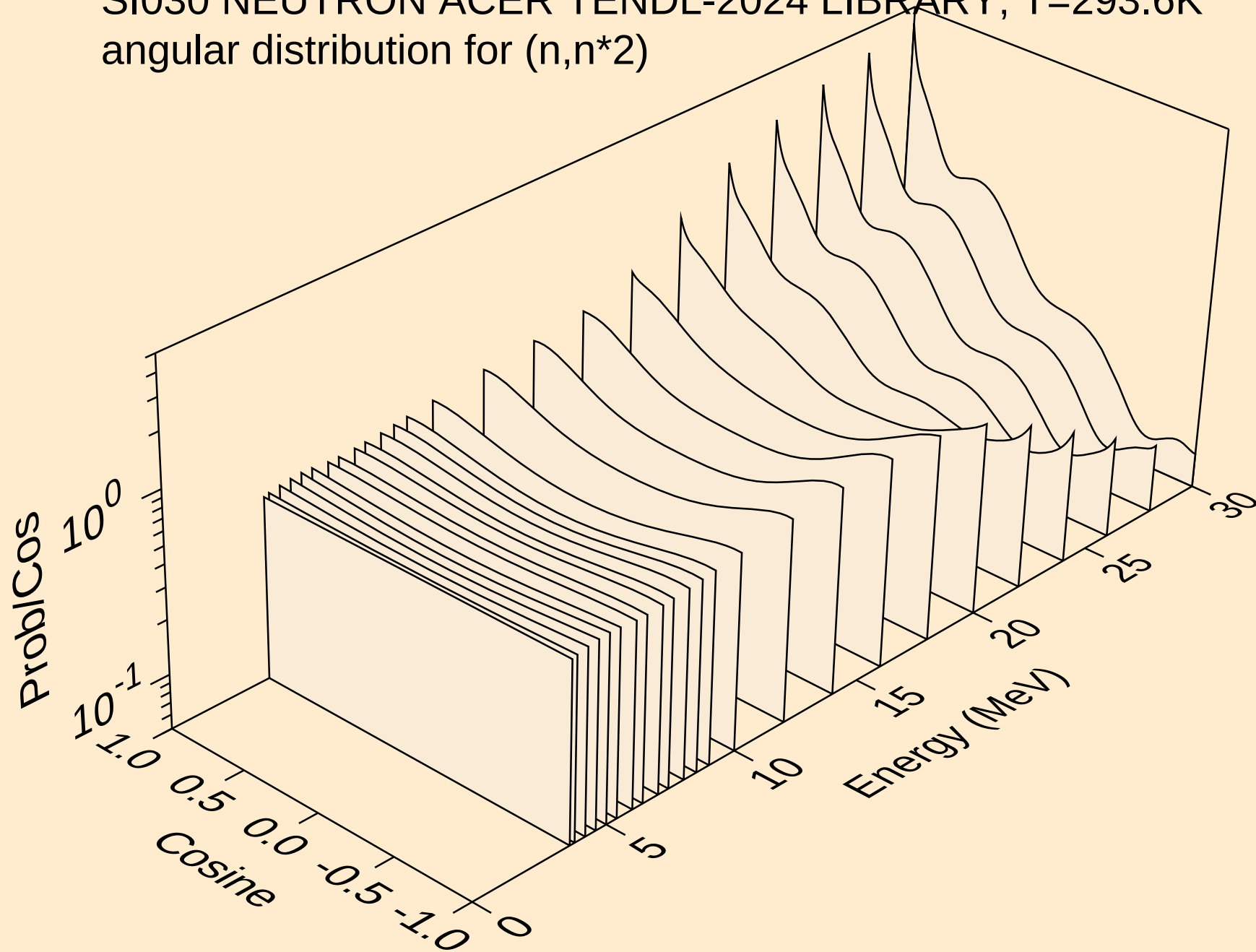
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



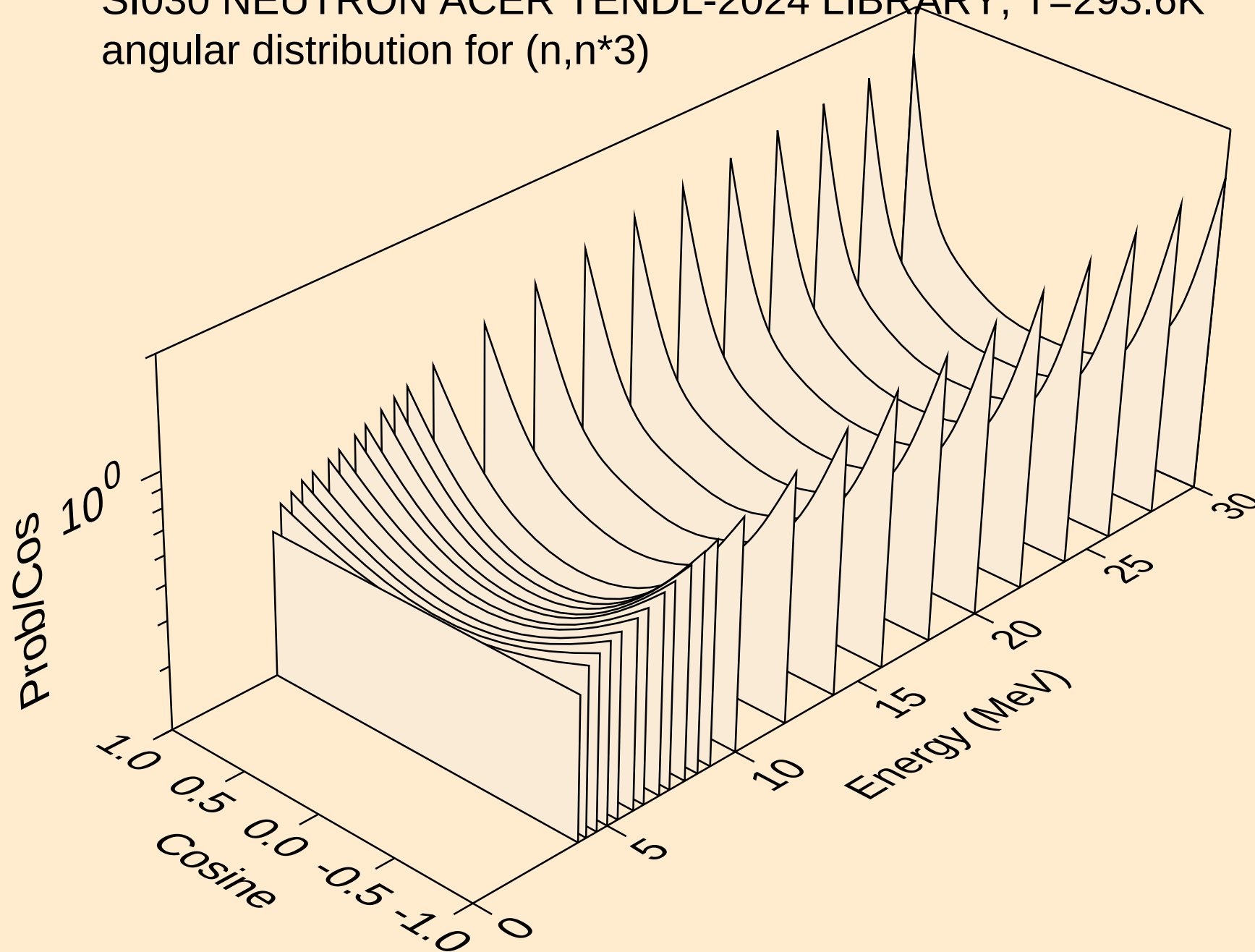
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



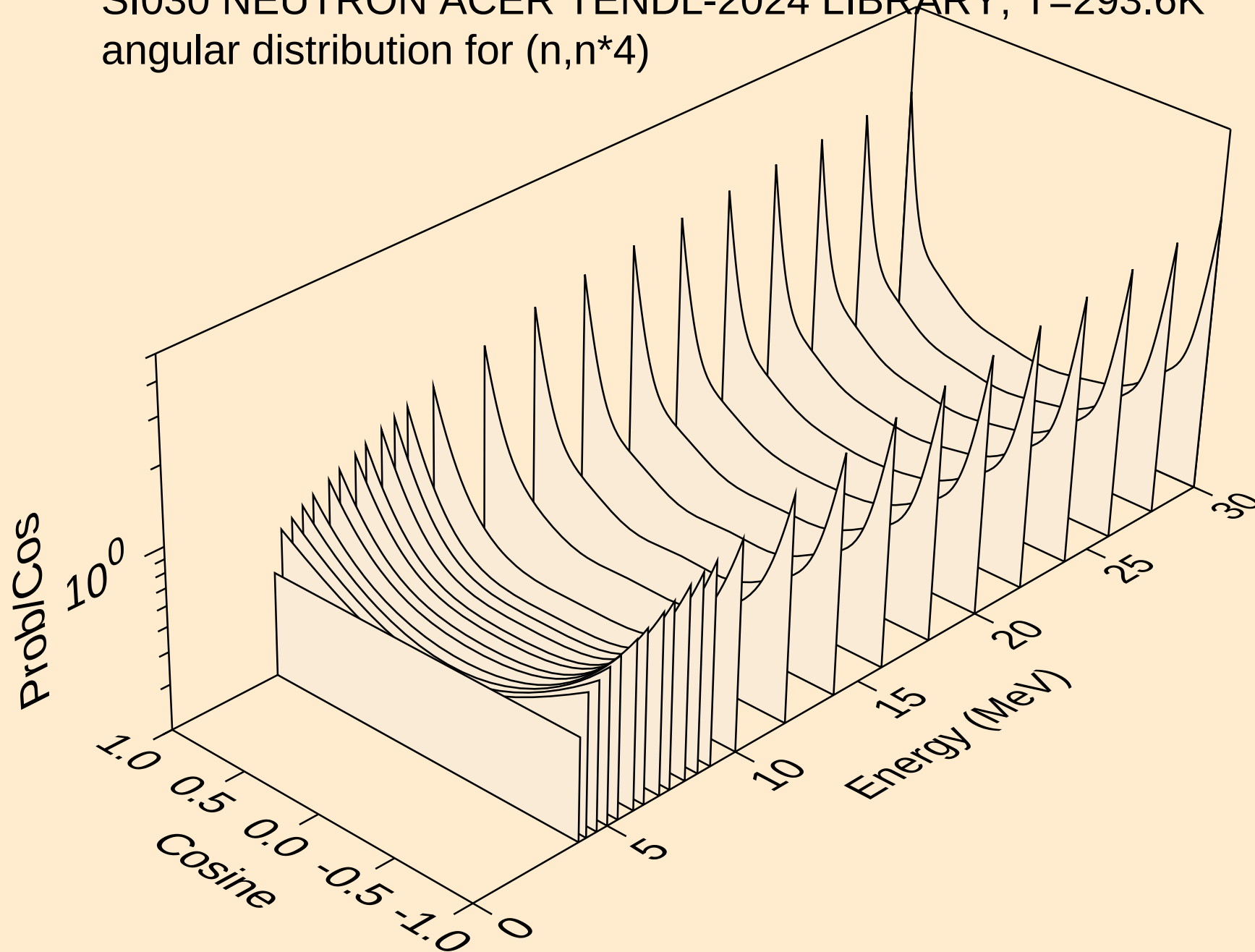
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



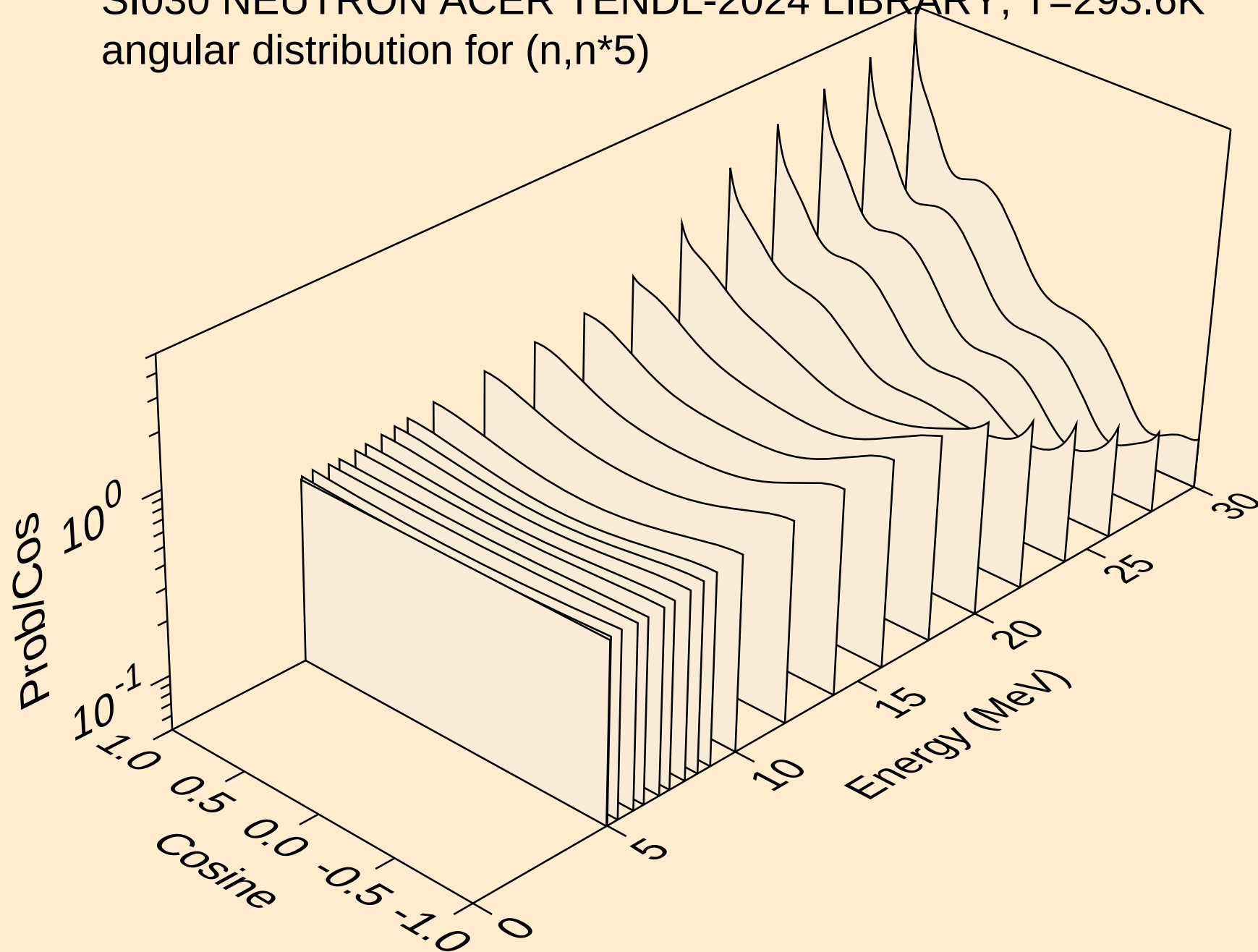
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



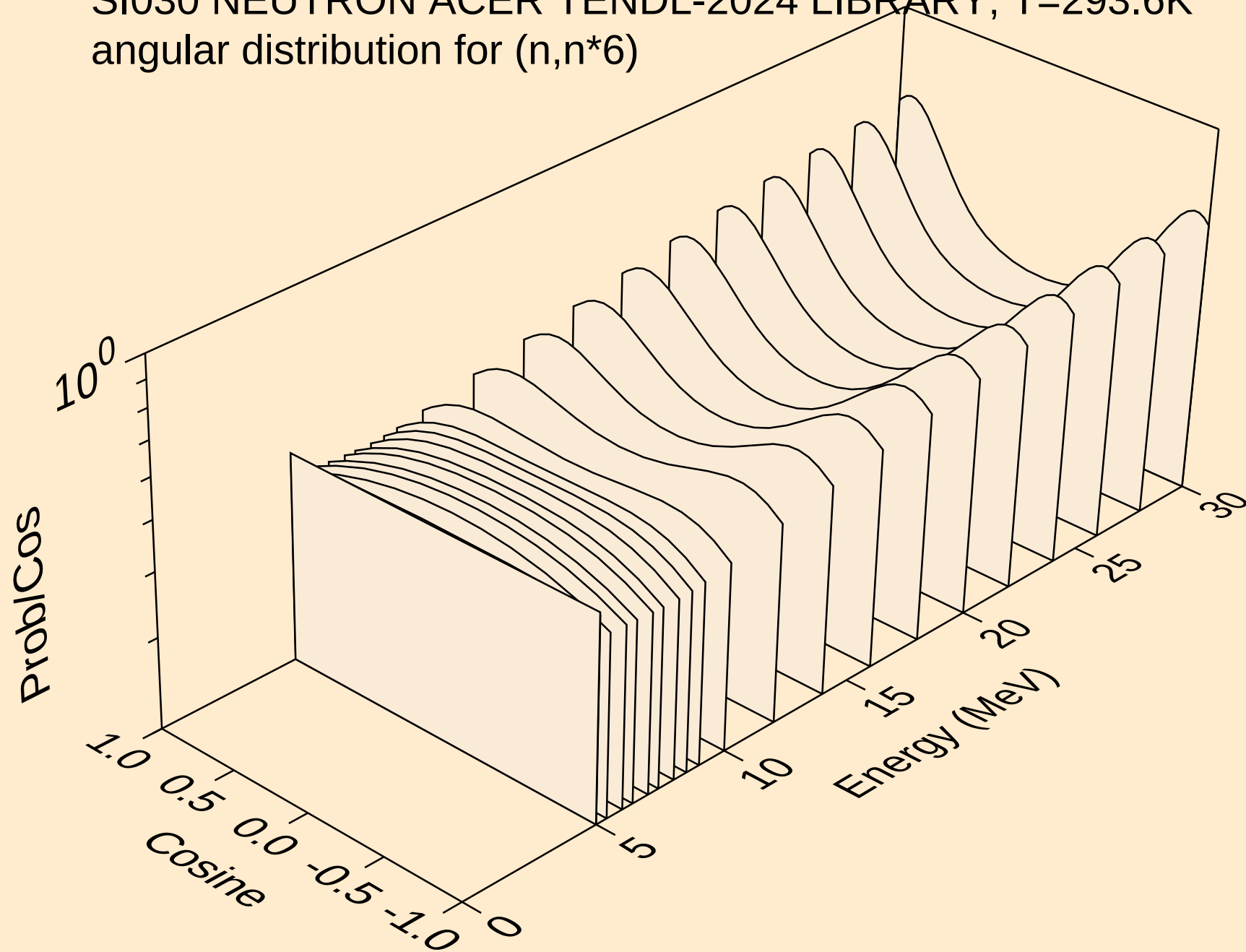
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angular distribution for (n,n*4)



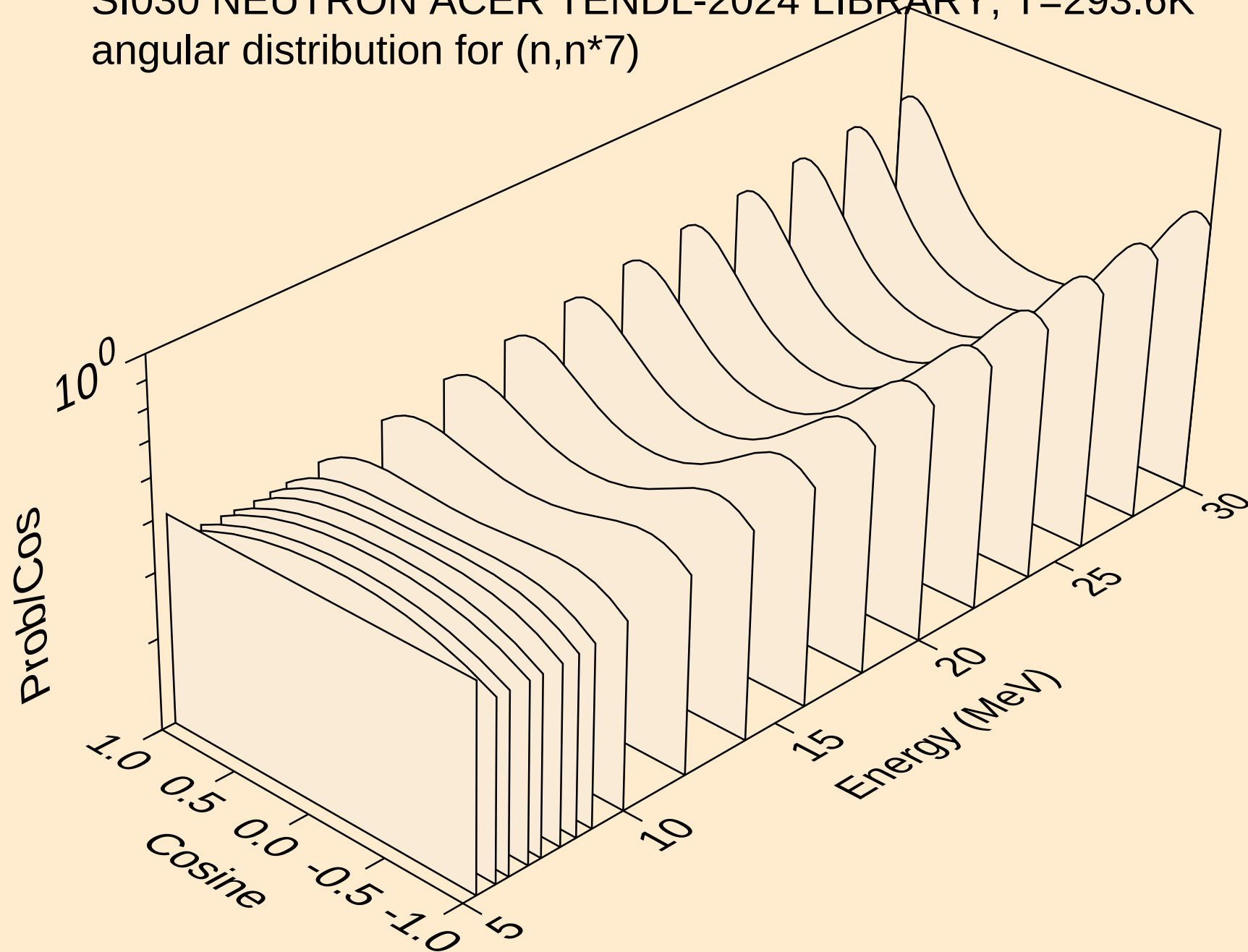
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



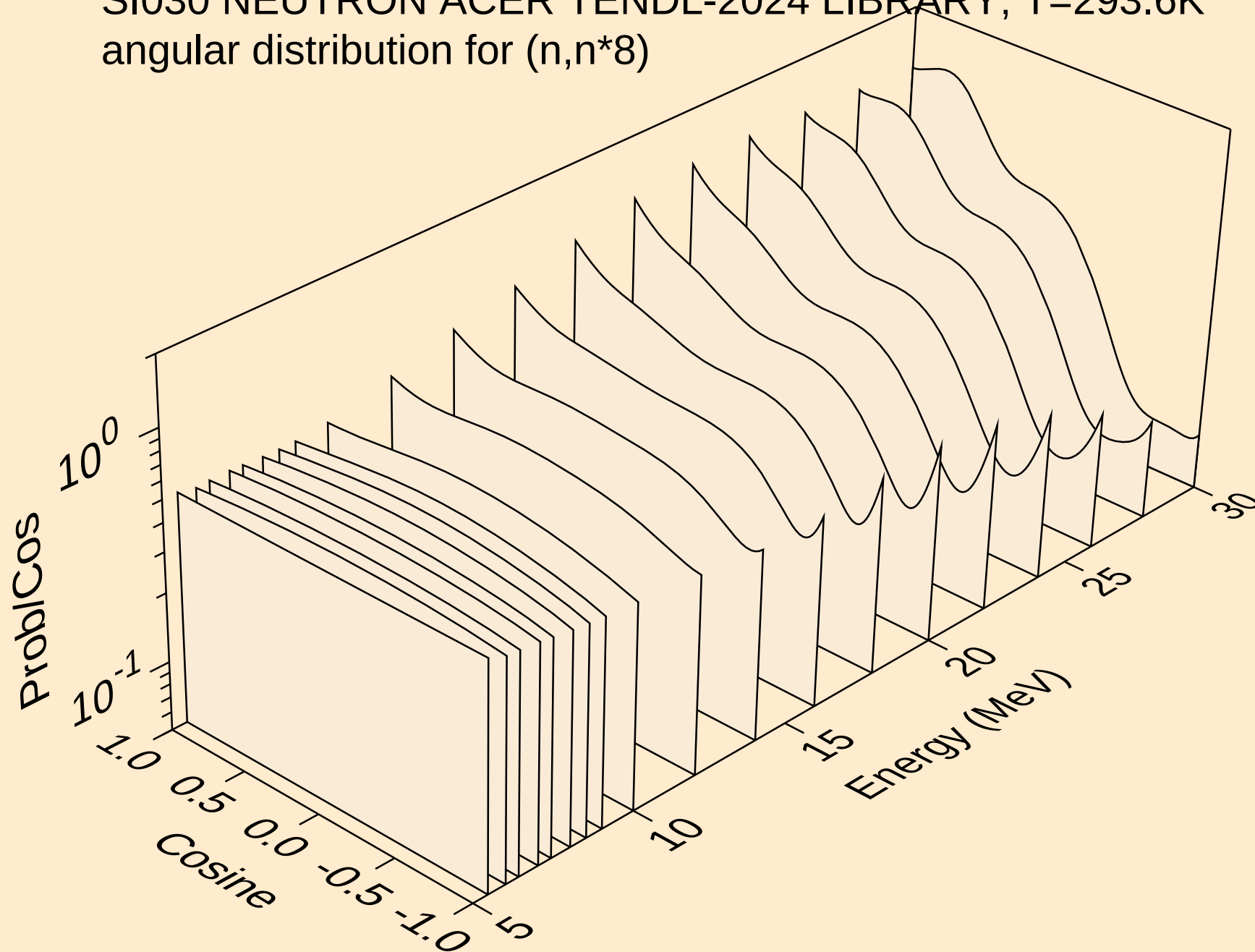
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



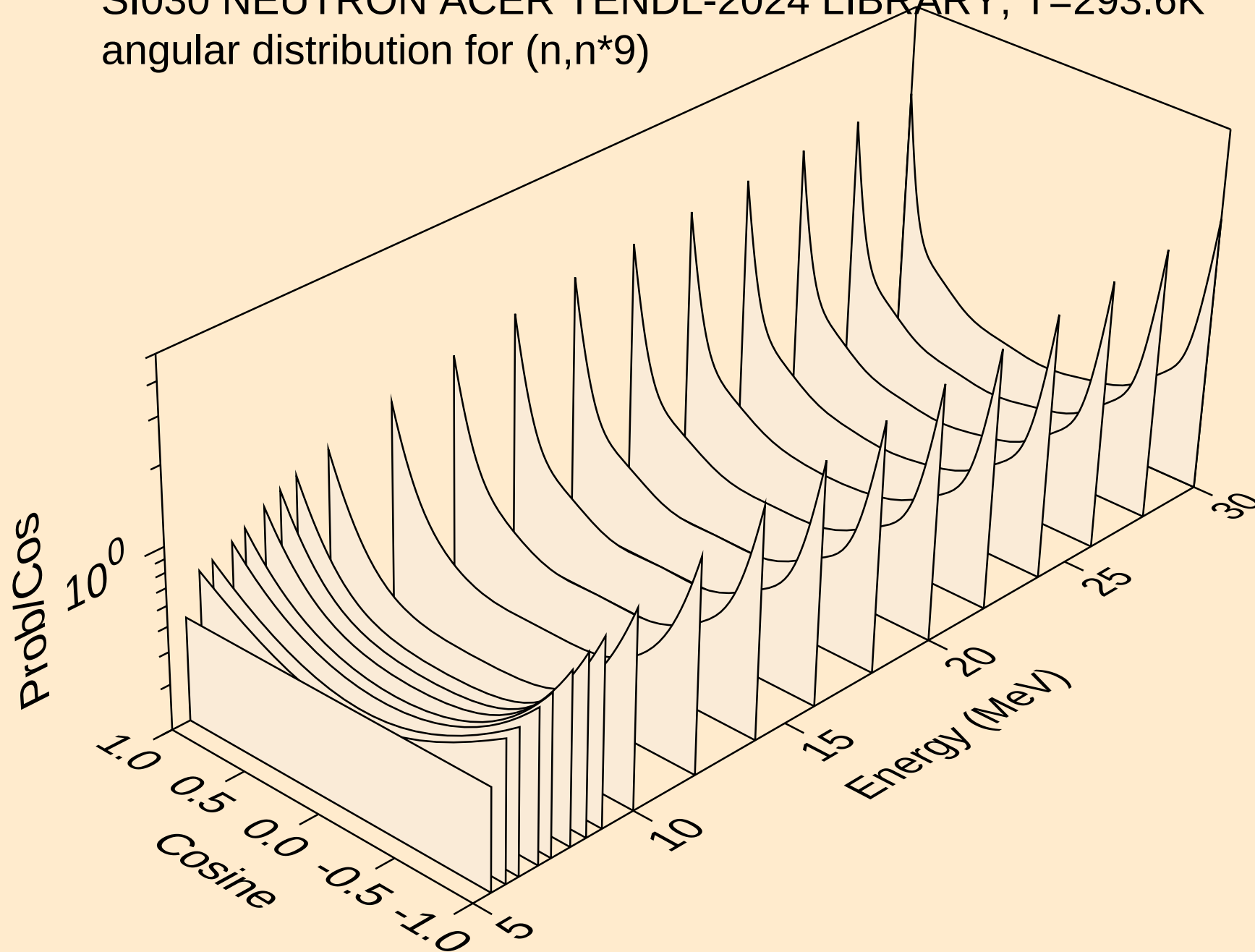
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*7)



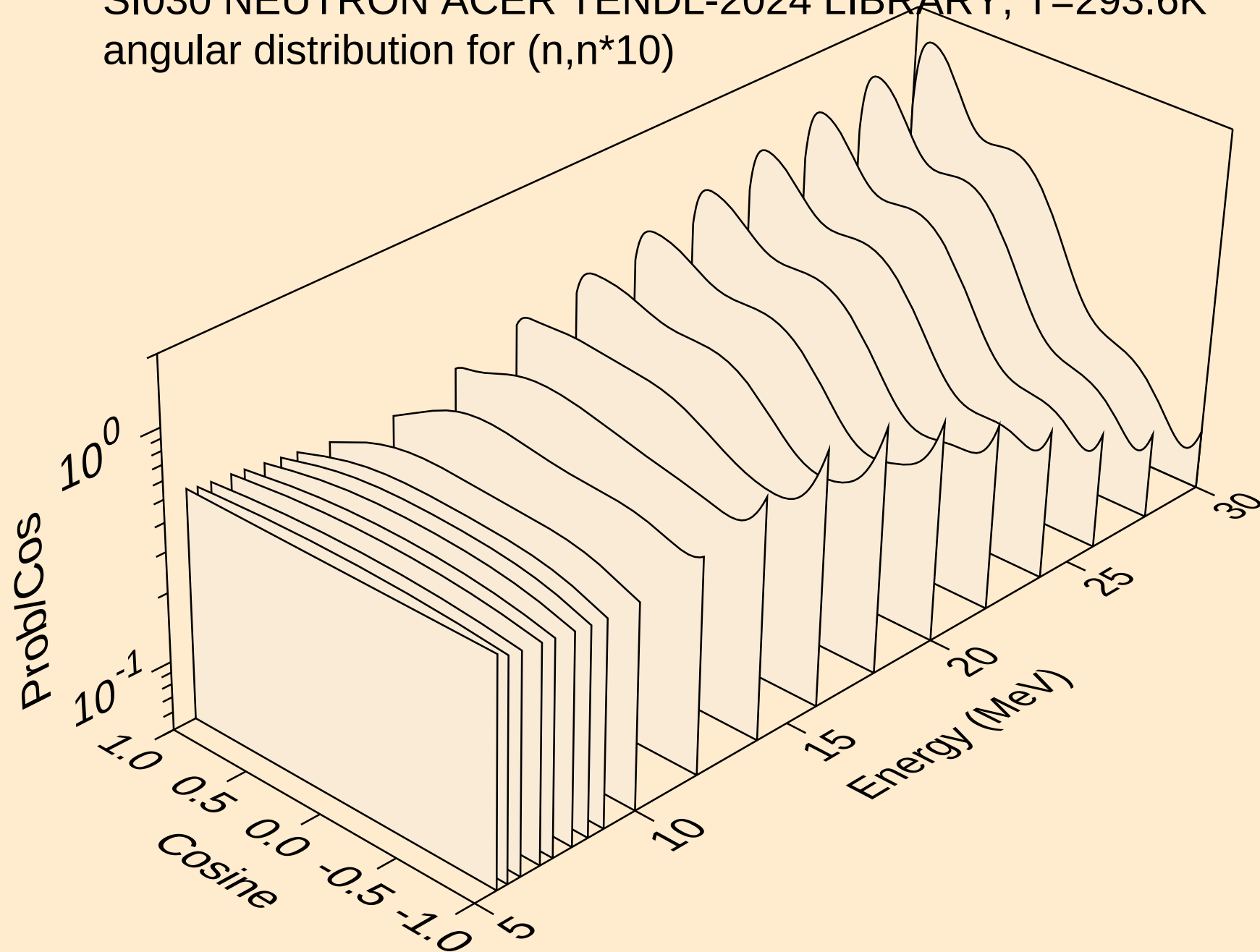
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angular distribution for (n,n*8)



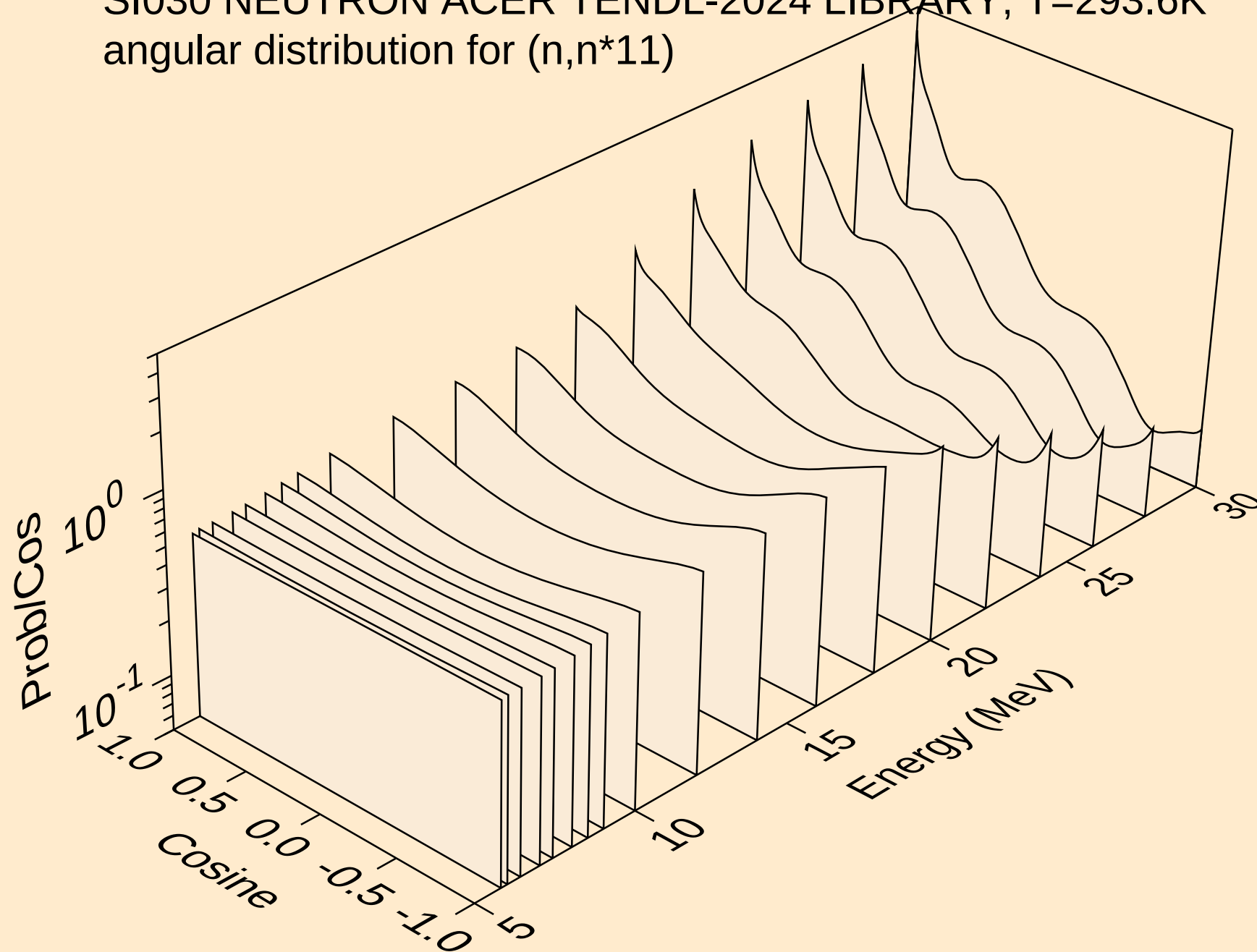
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angular distribution for (n,n*9)



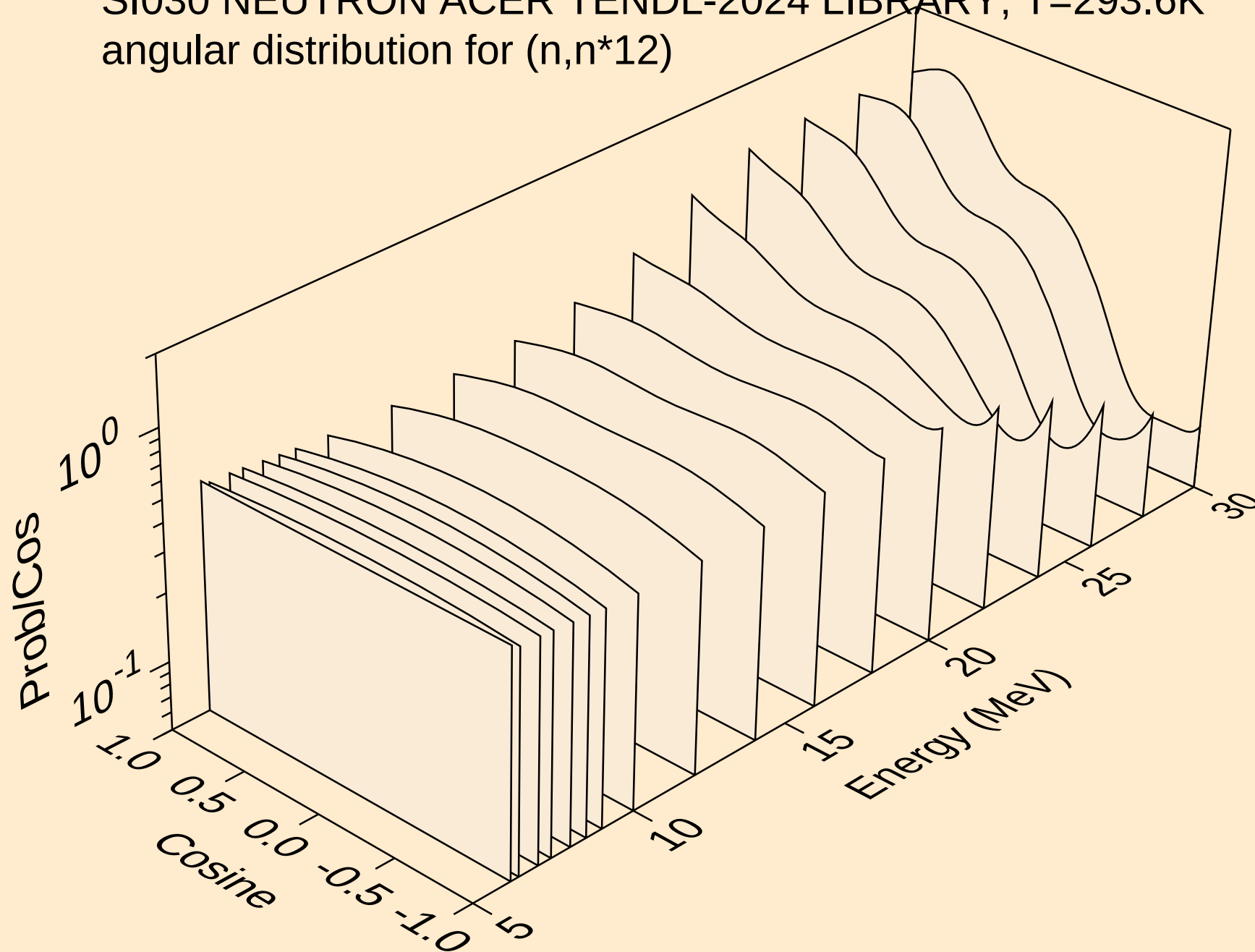
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*10)



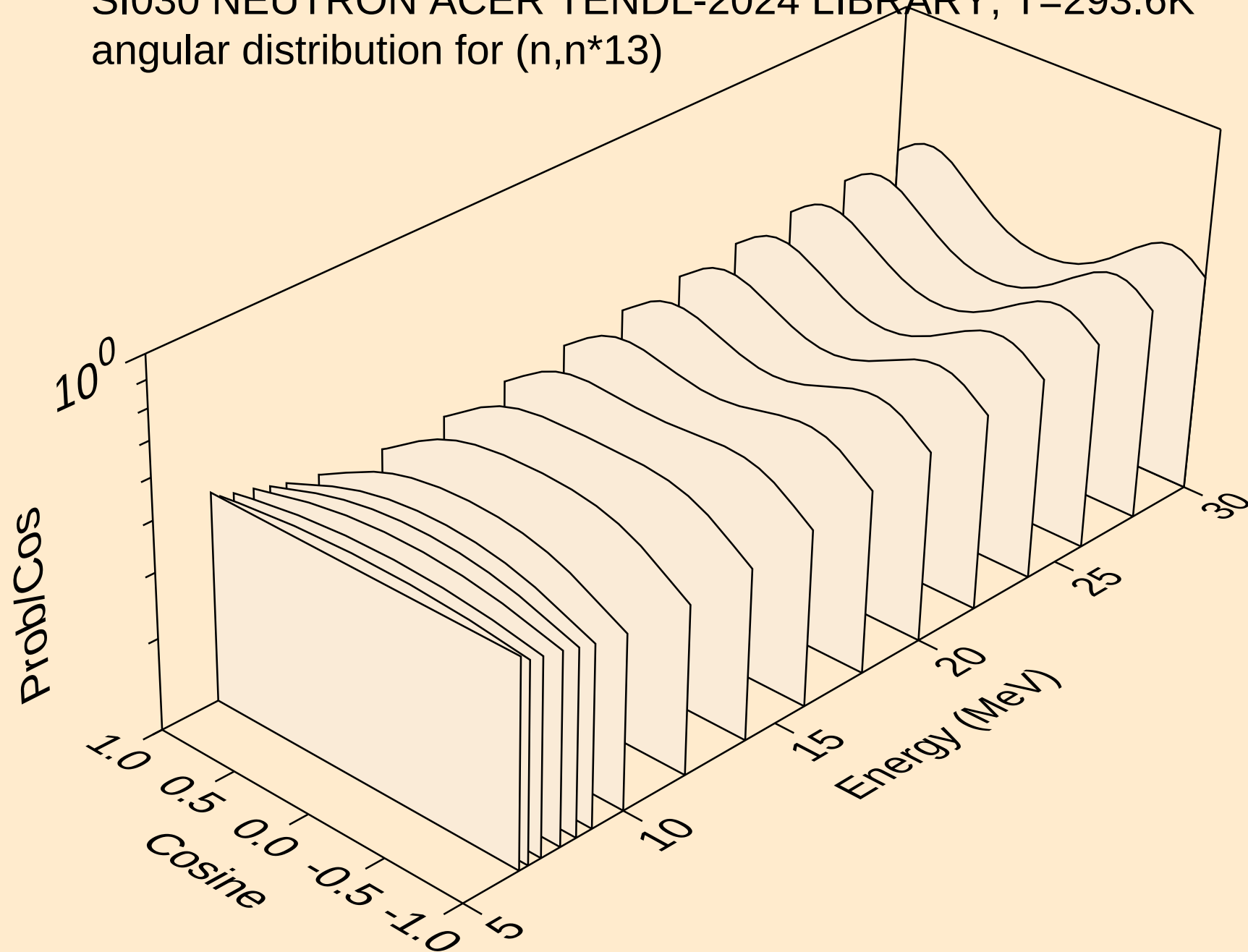
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*11)



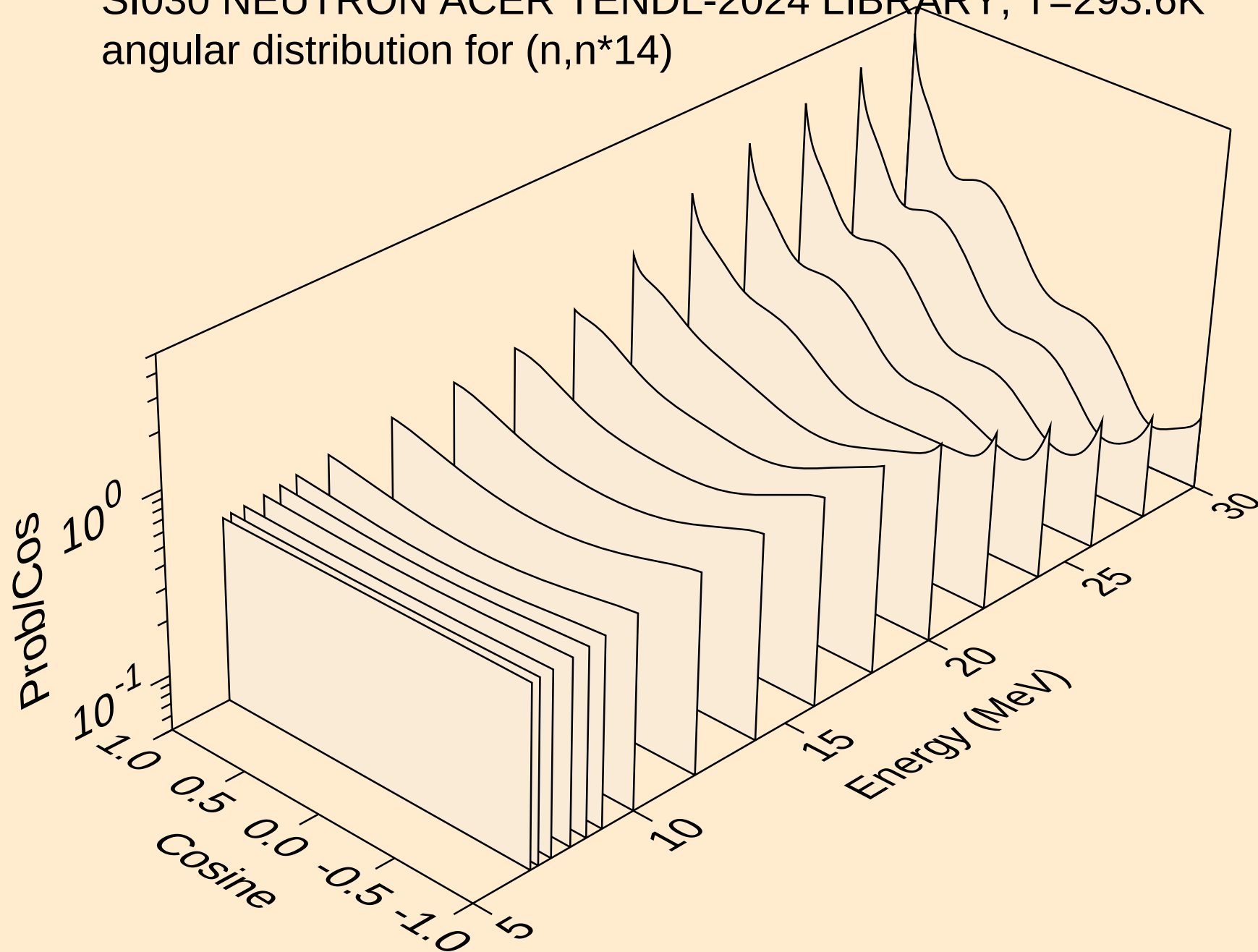
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angular distribution for (n,n*12)



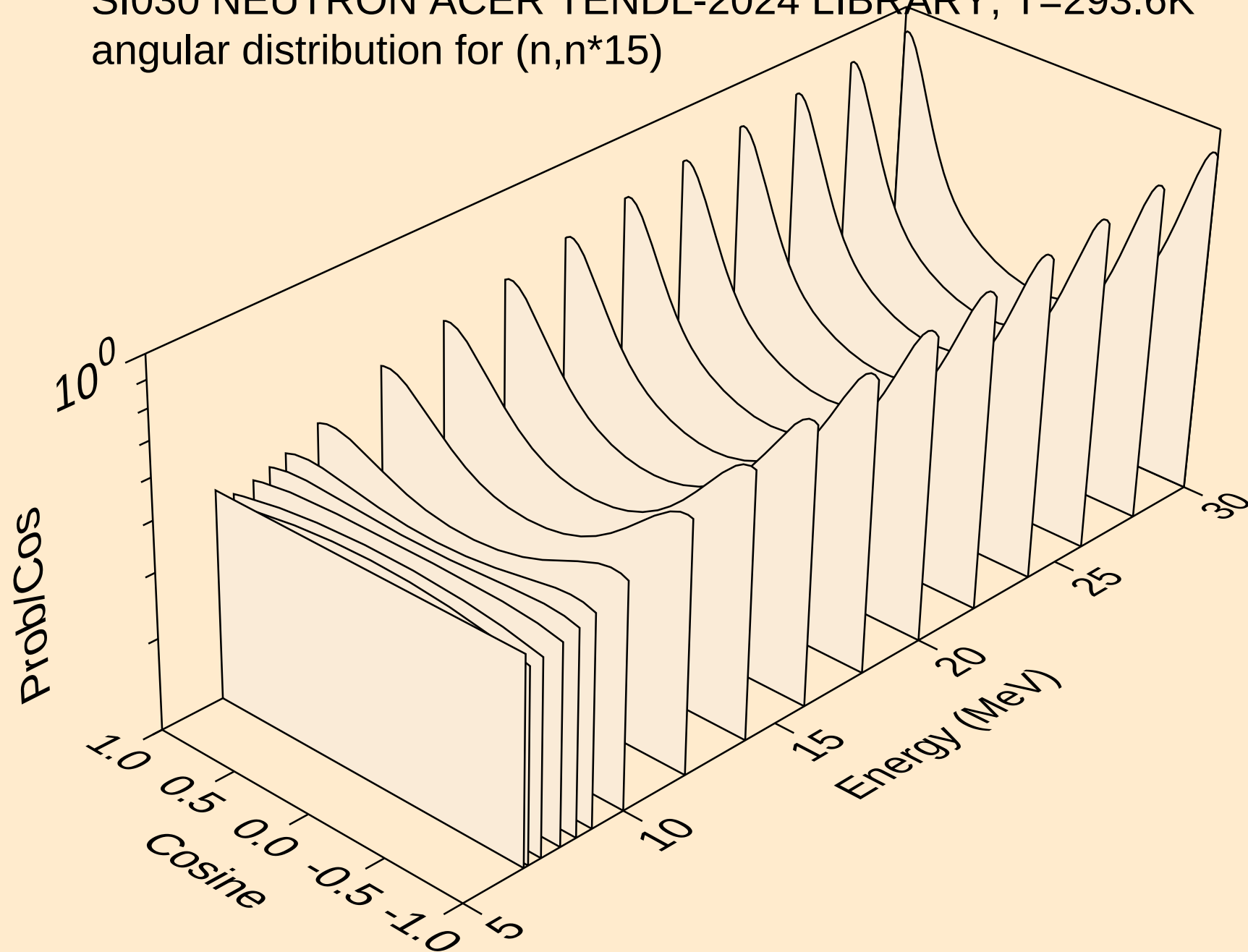
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angular distribution for (n,n*13)



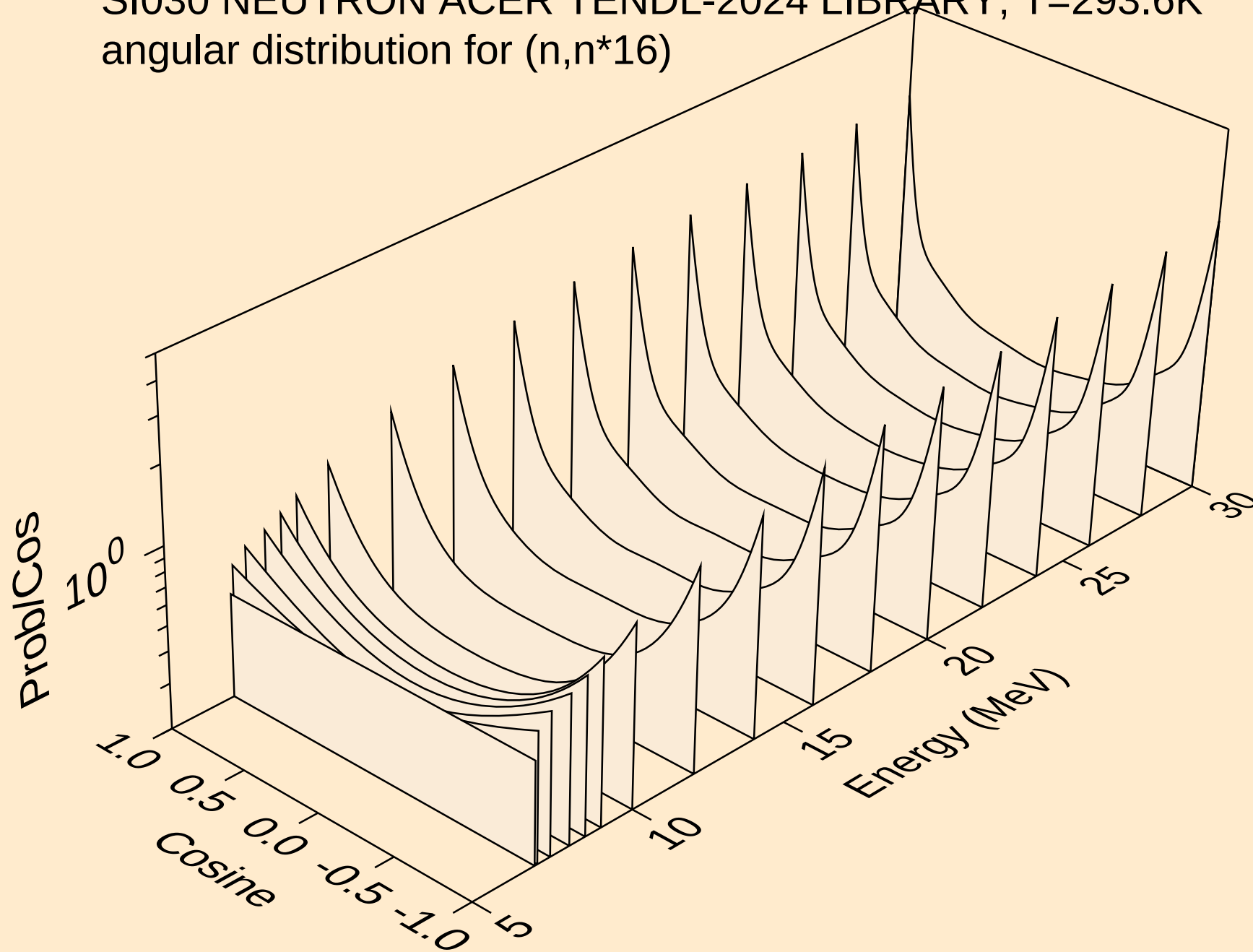
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angular distribution for (n,n*14)



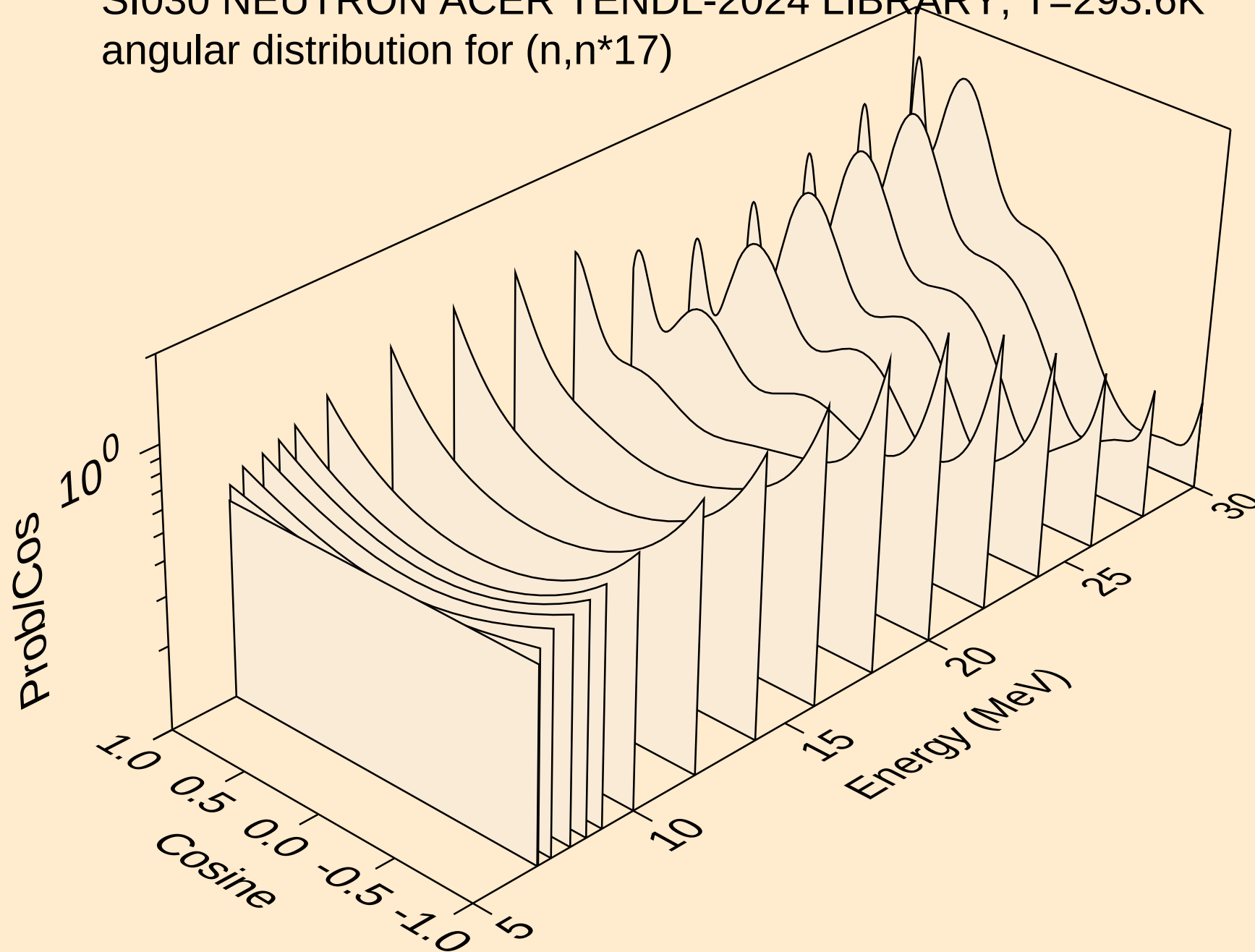
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angular distribution for (n,n*15)



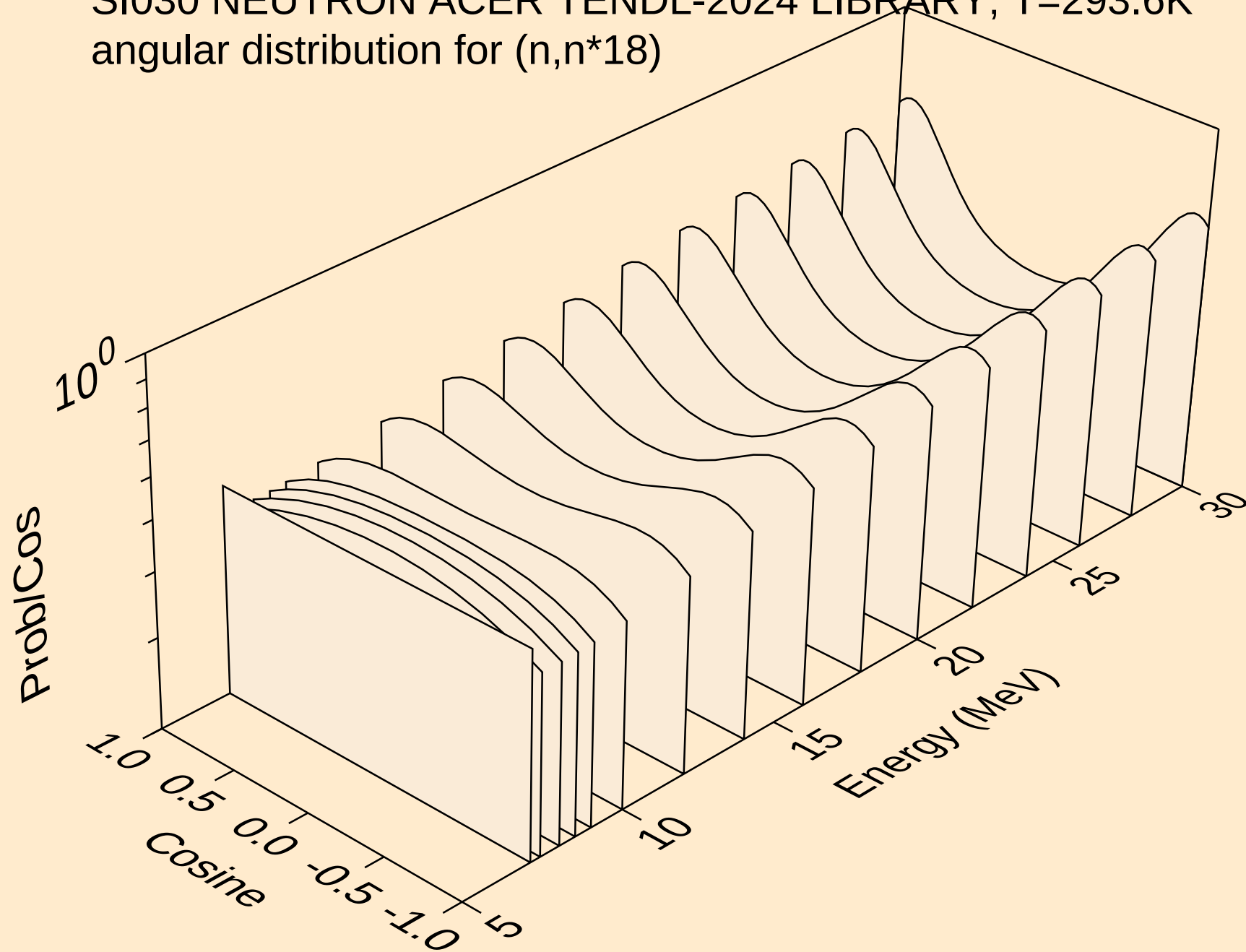
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*16)



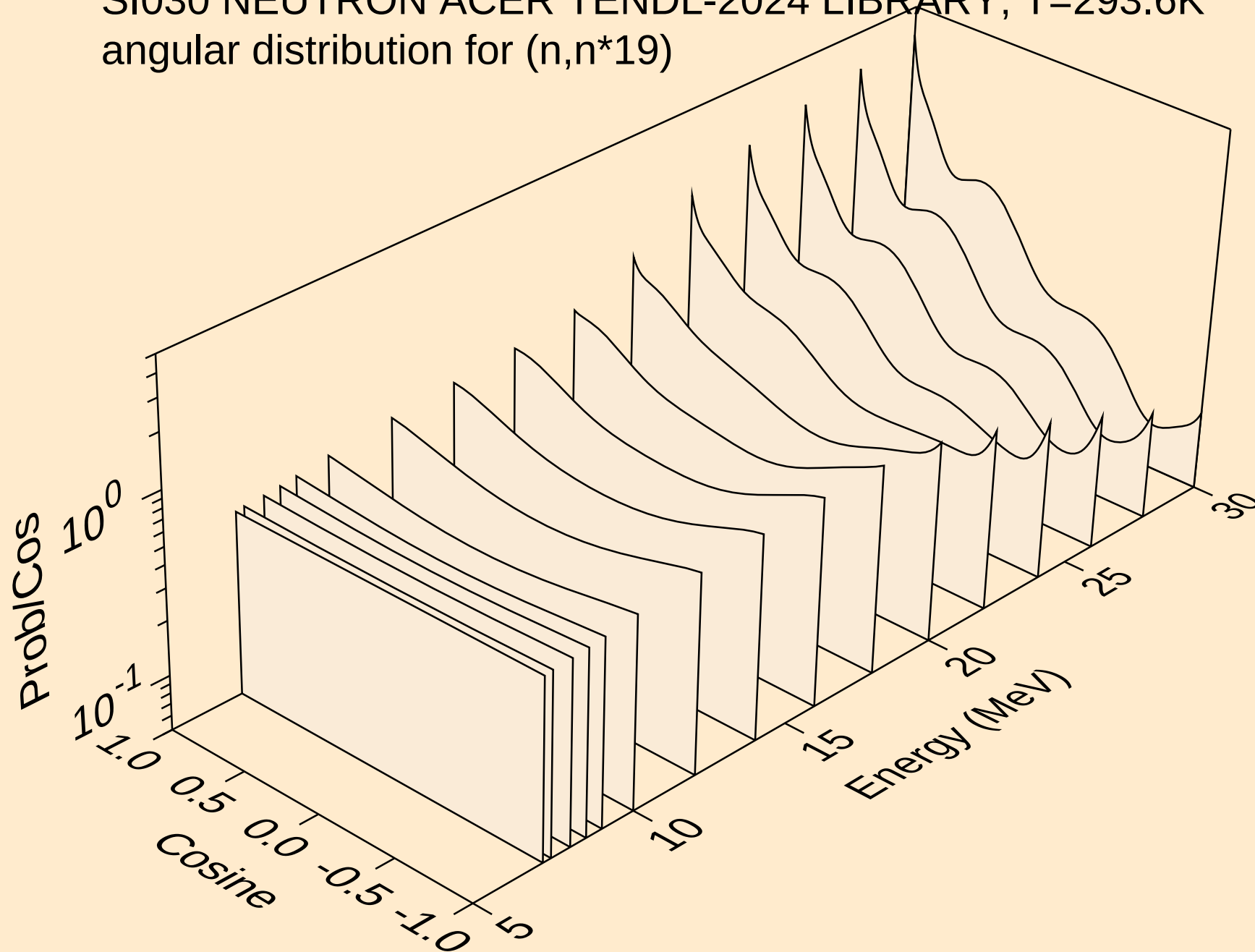
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angular distribution for (n,n*17)



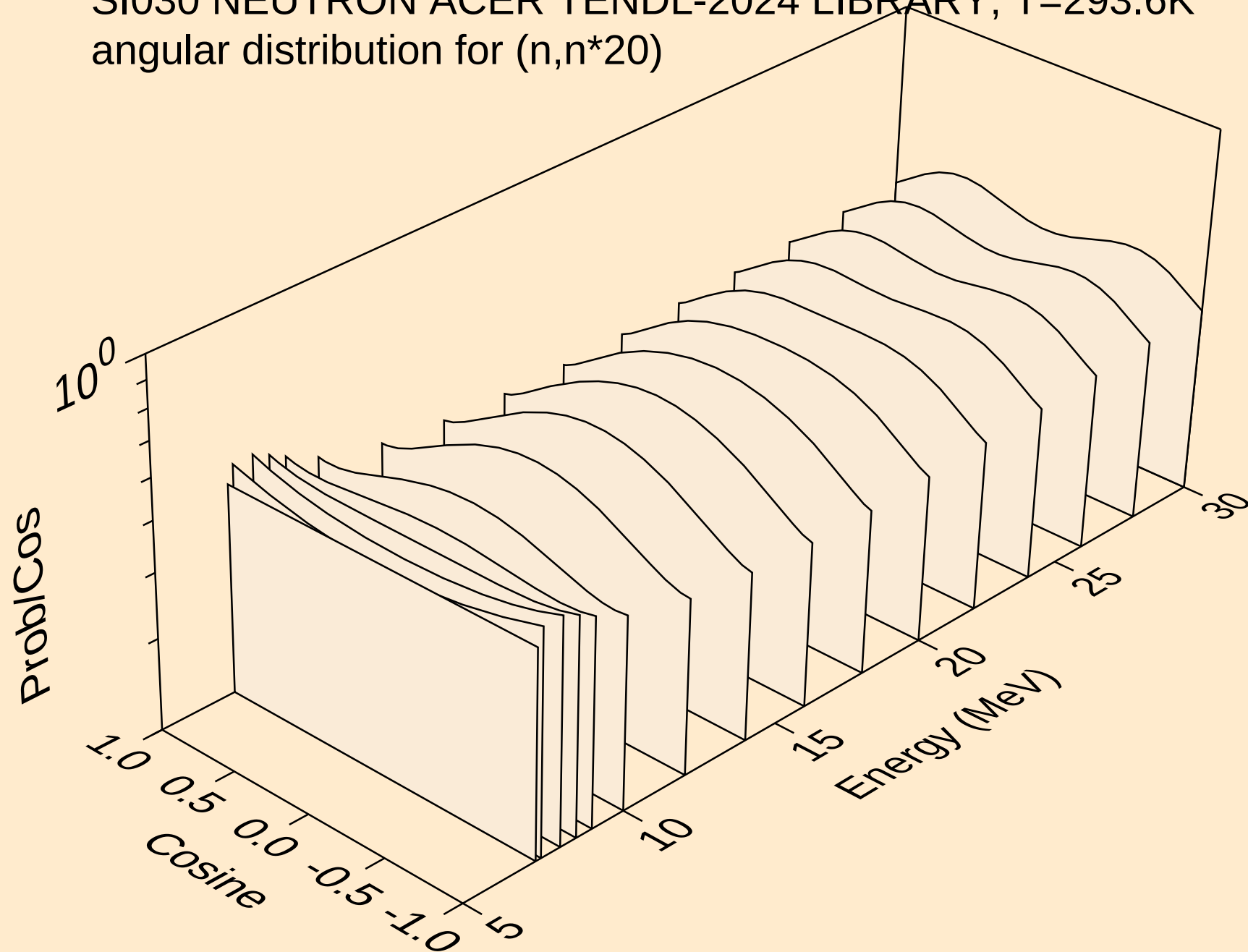
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angular distribution for (n,n*18)



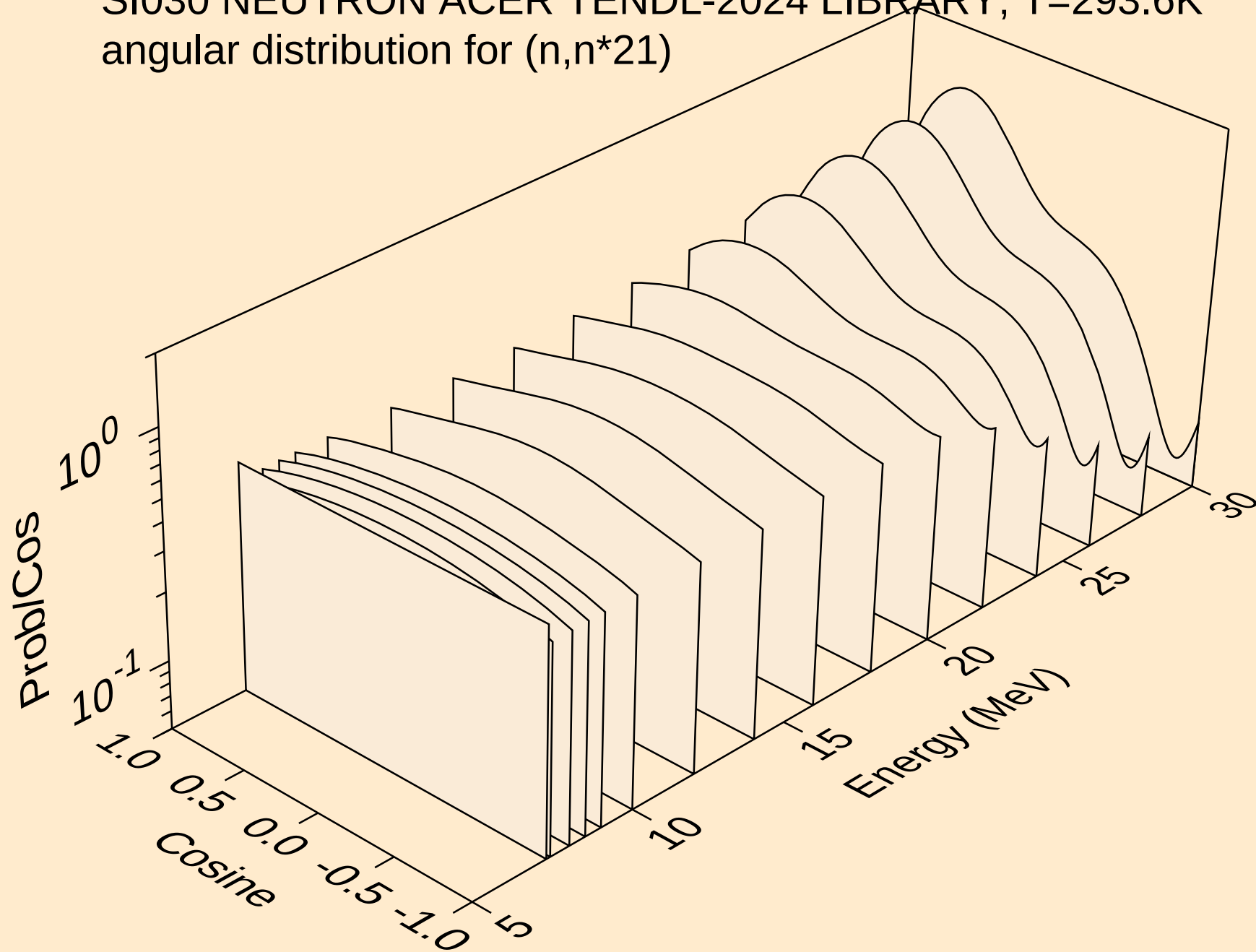
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angular distribution for (n,n*19)



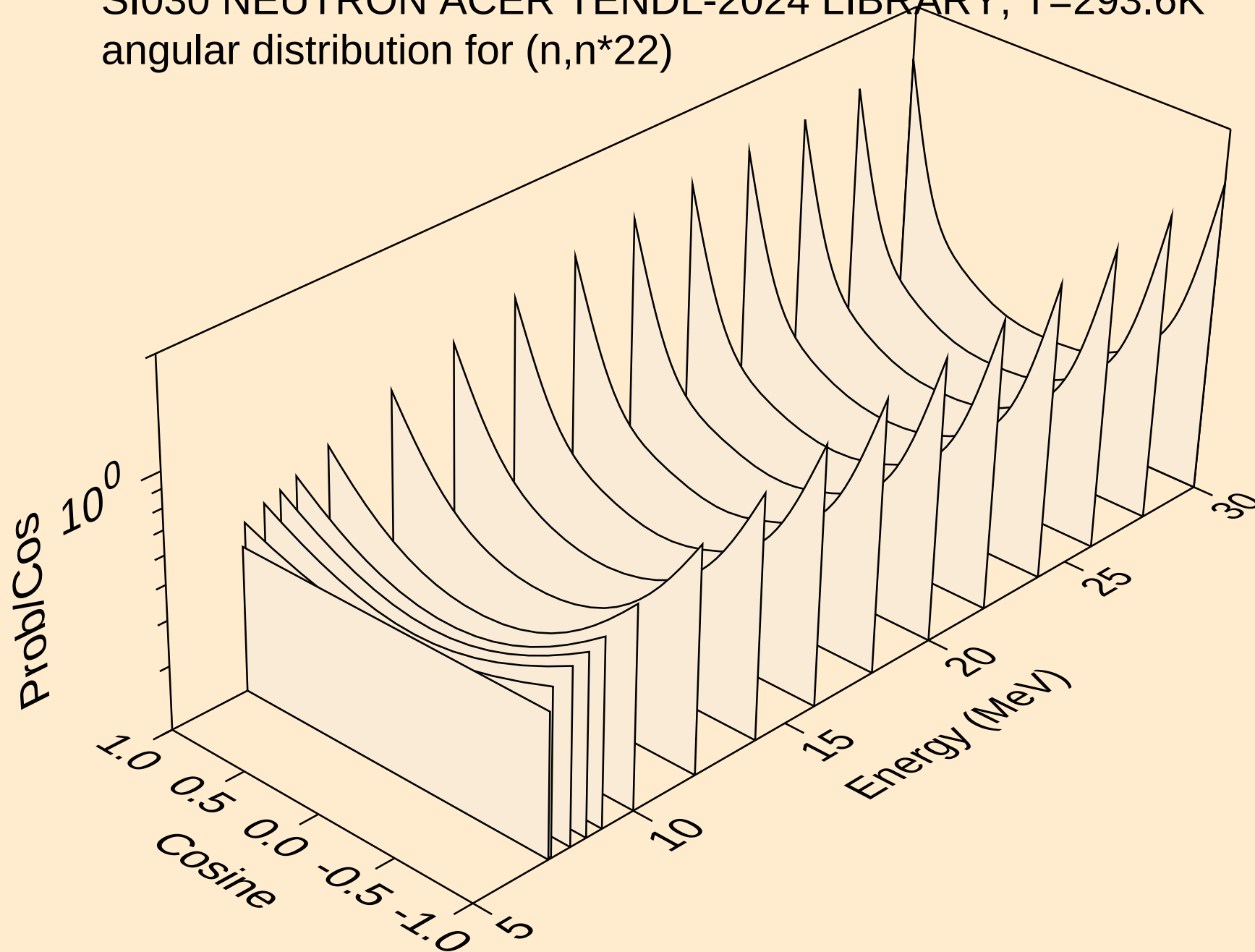
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*20)



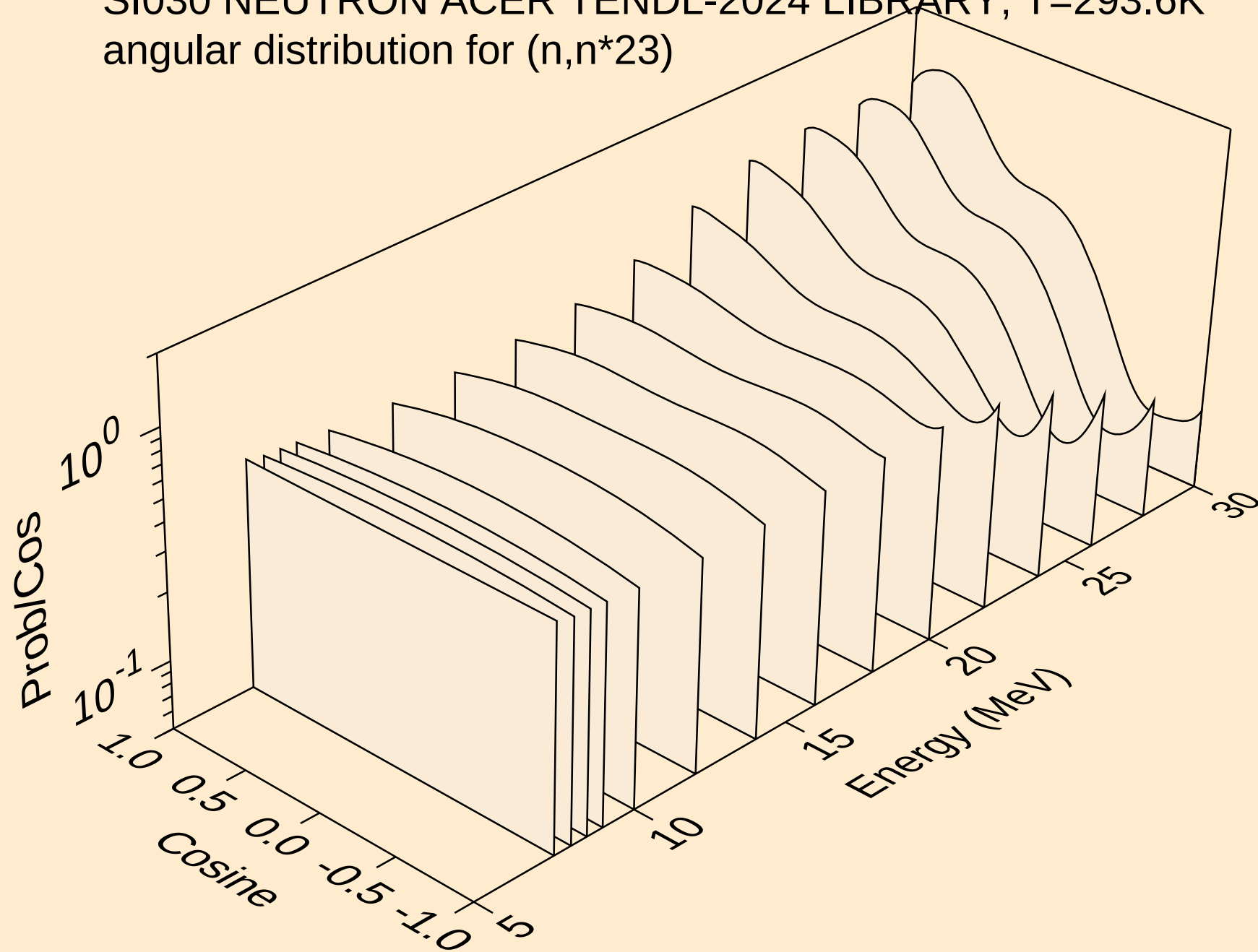
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angular distribution for (n,n*21)



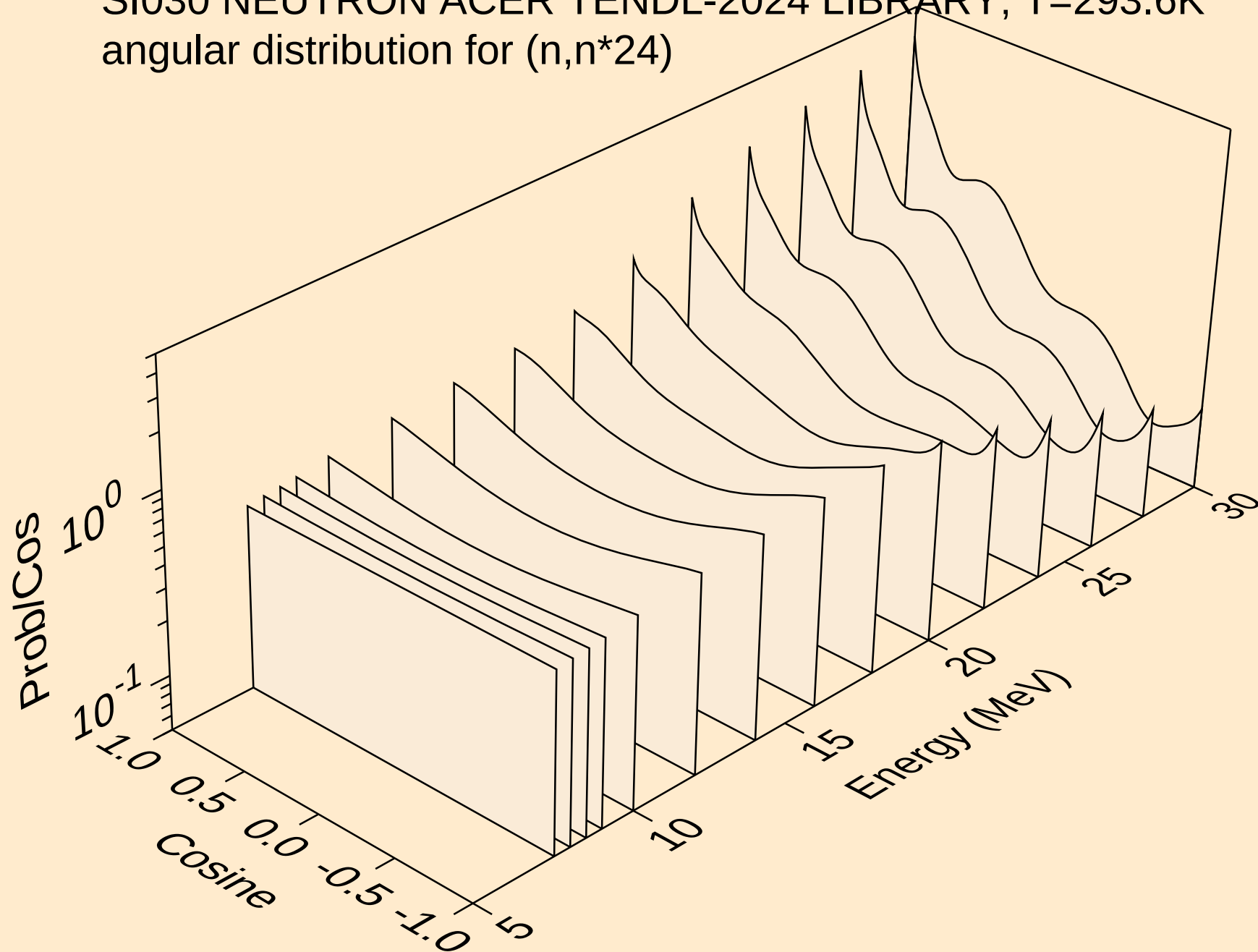
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angular distribution for (n,n*22)



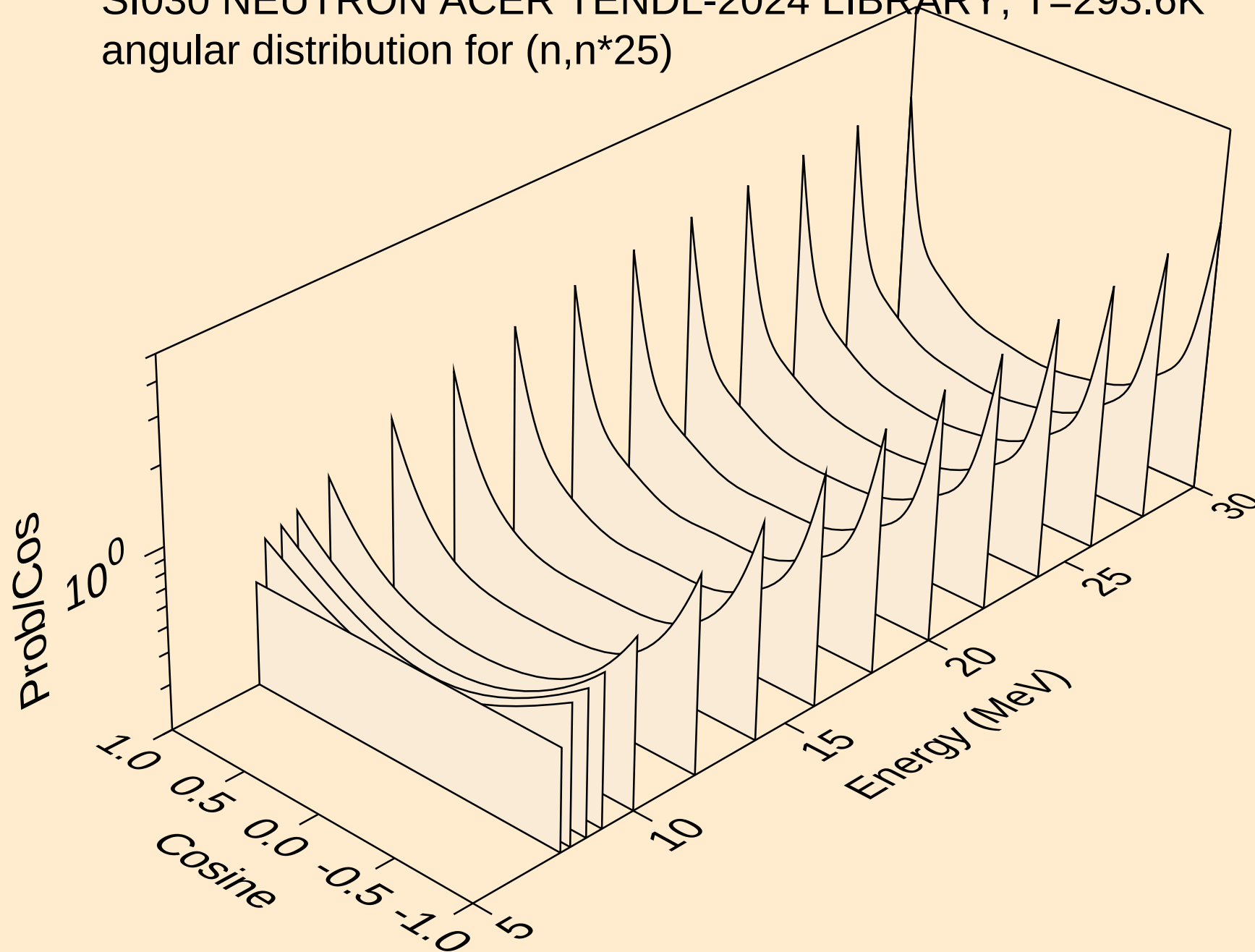
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angular distribution for (n,n*23)



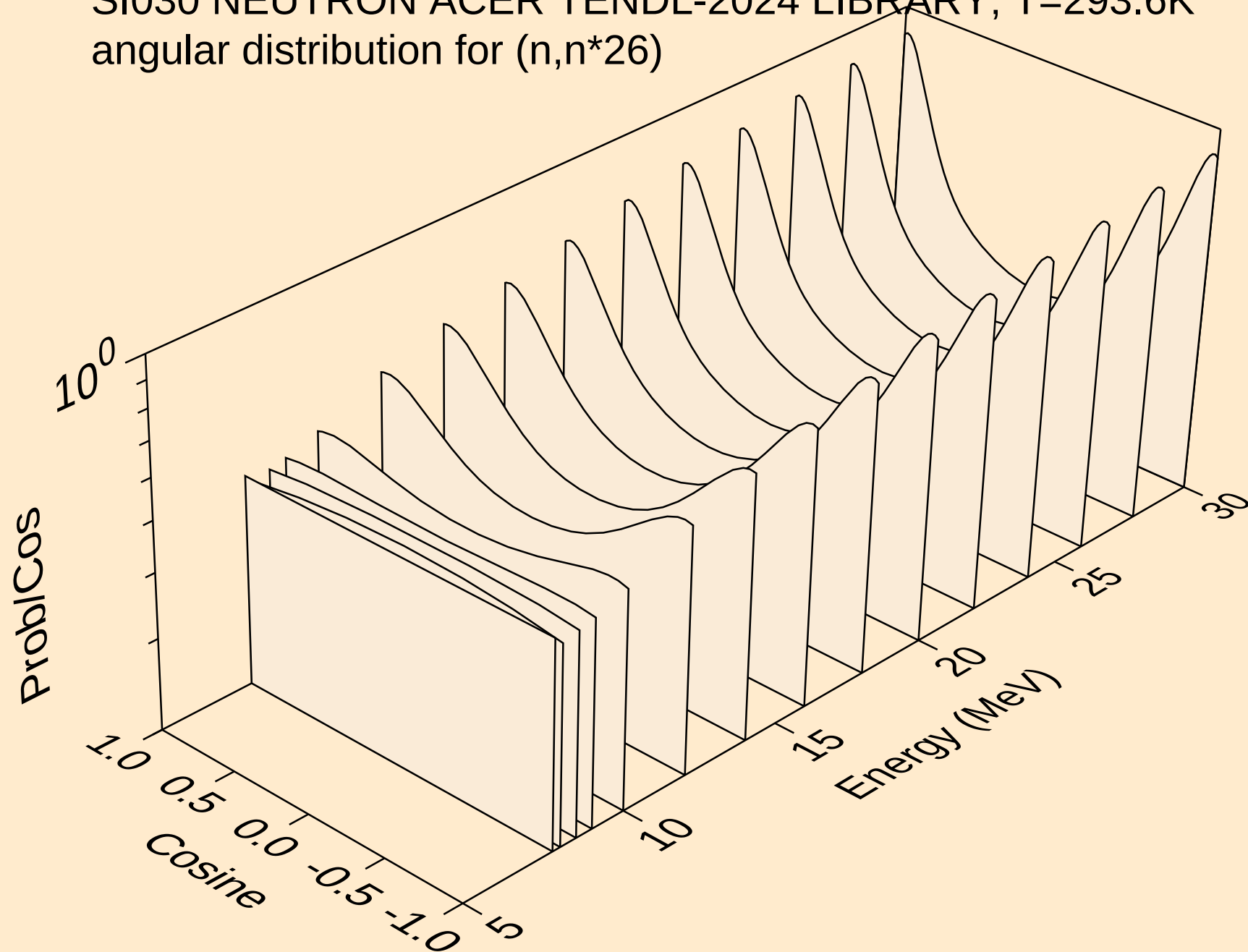
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*24)



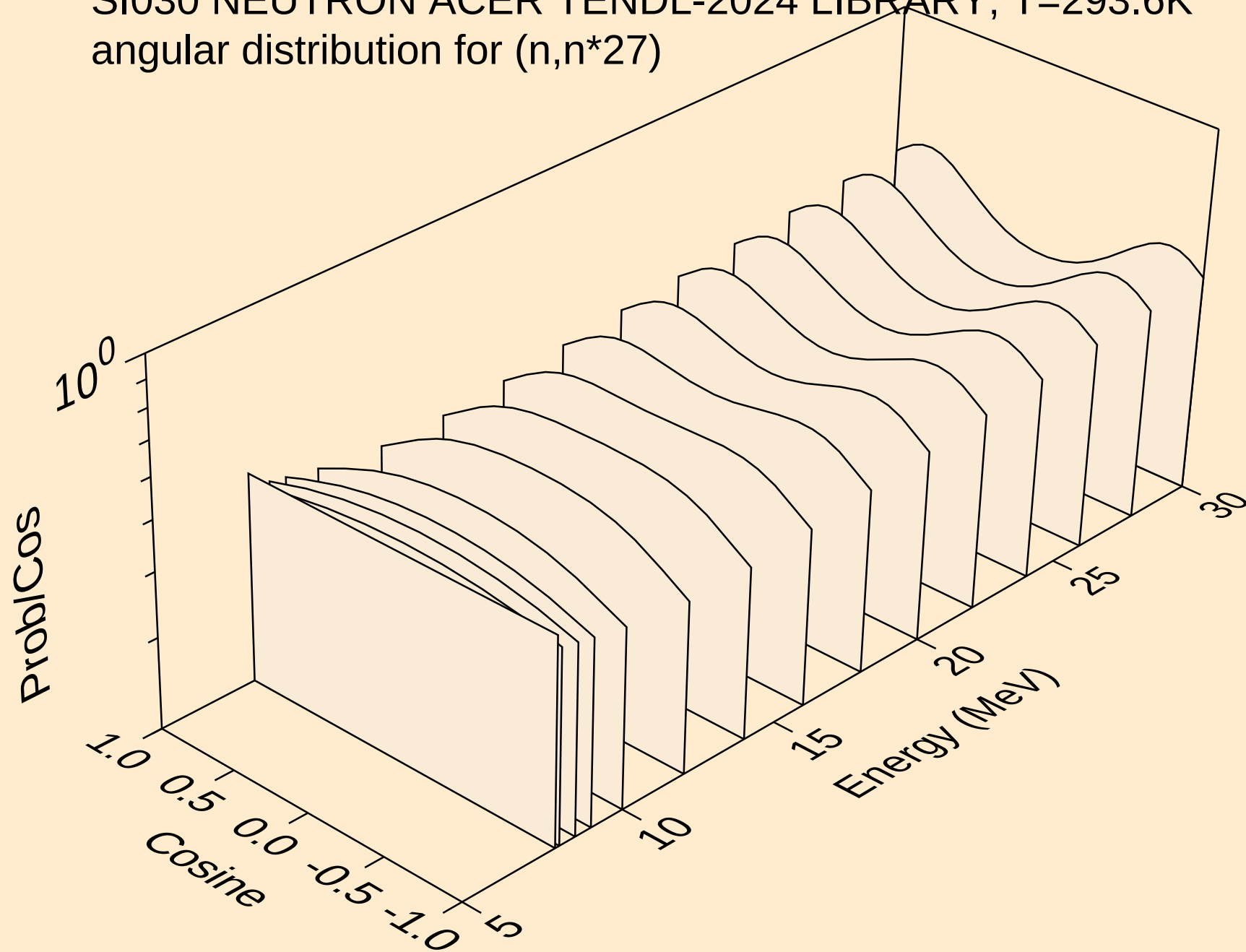
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*25)



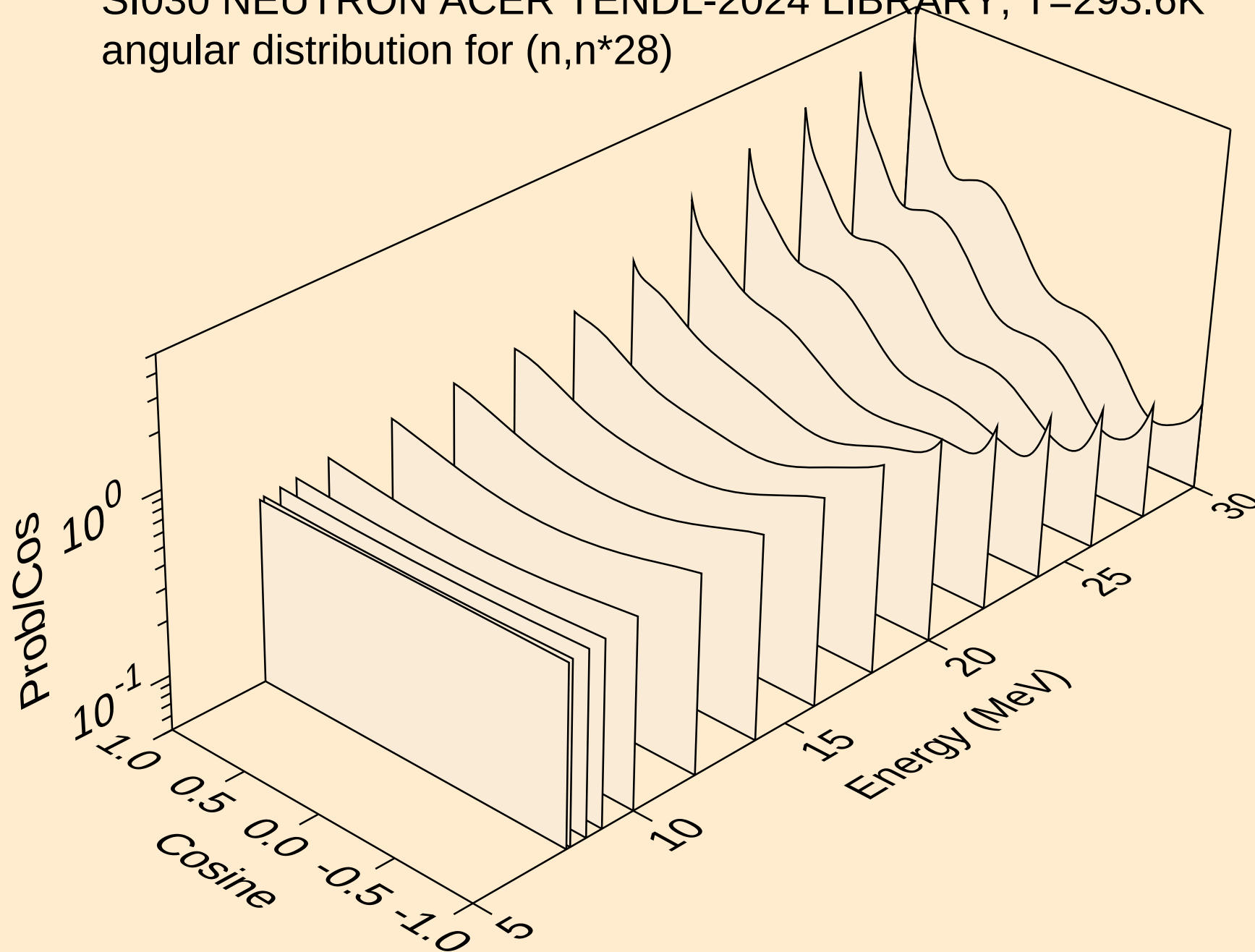
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*26)



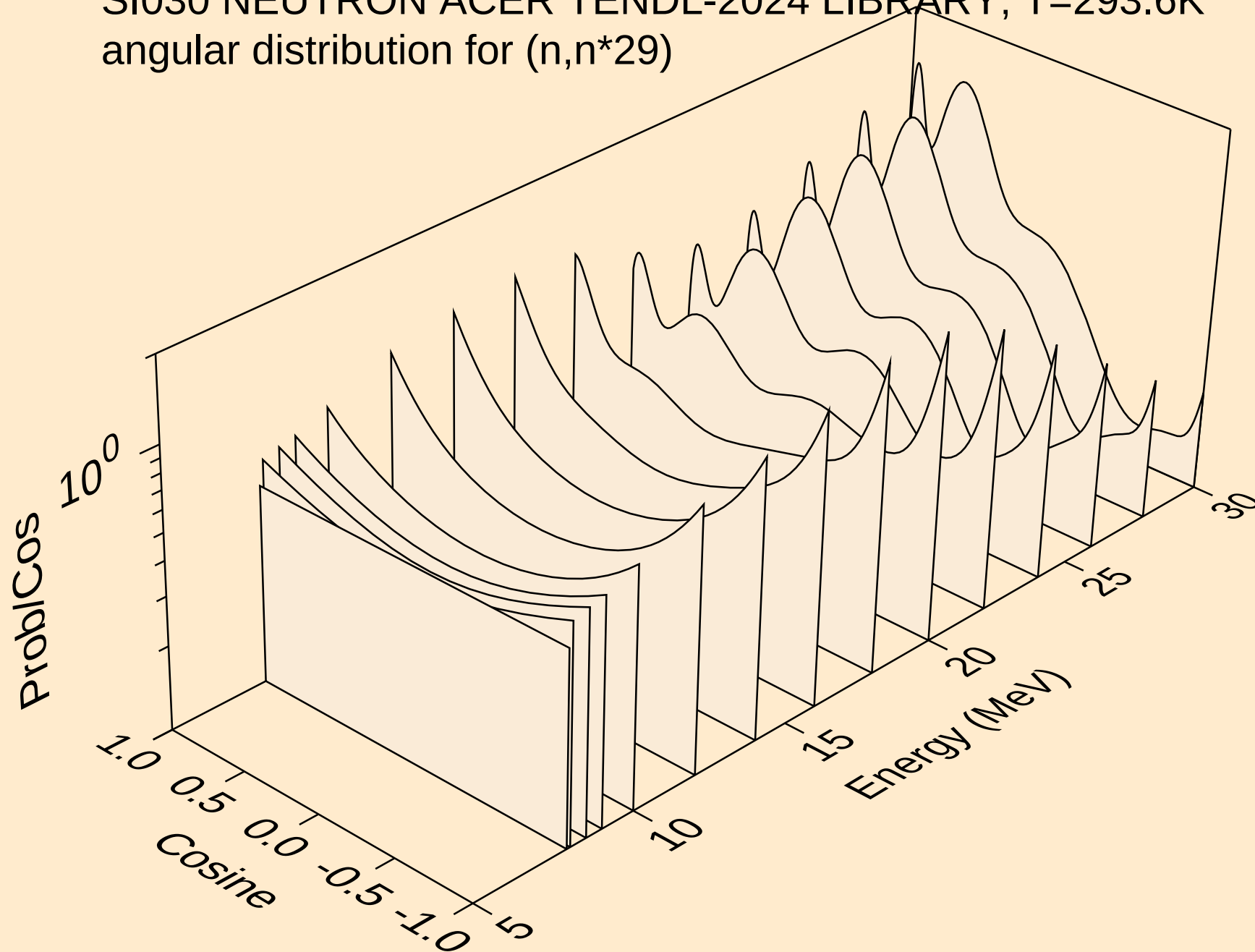
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angular distribution for (n,n*27)



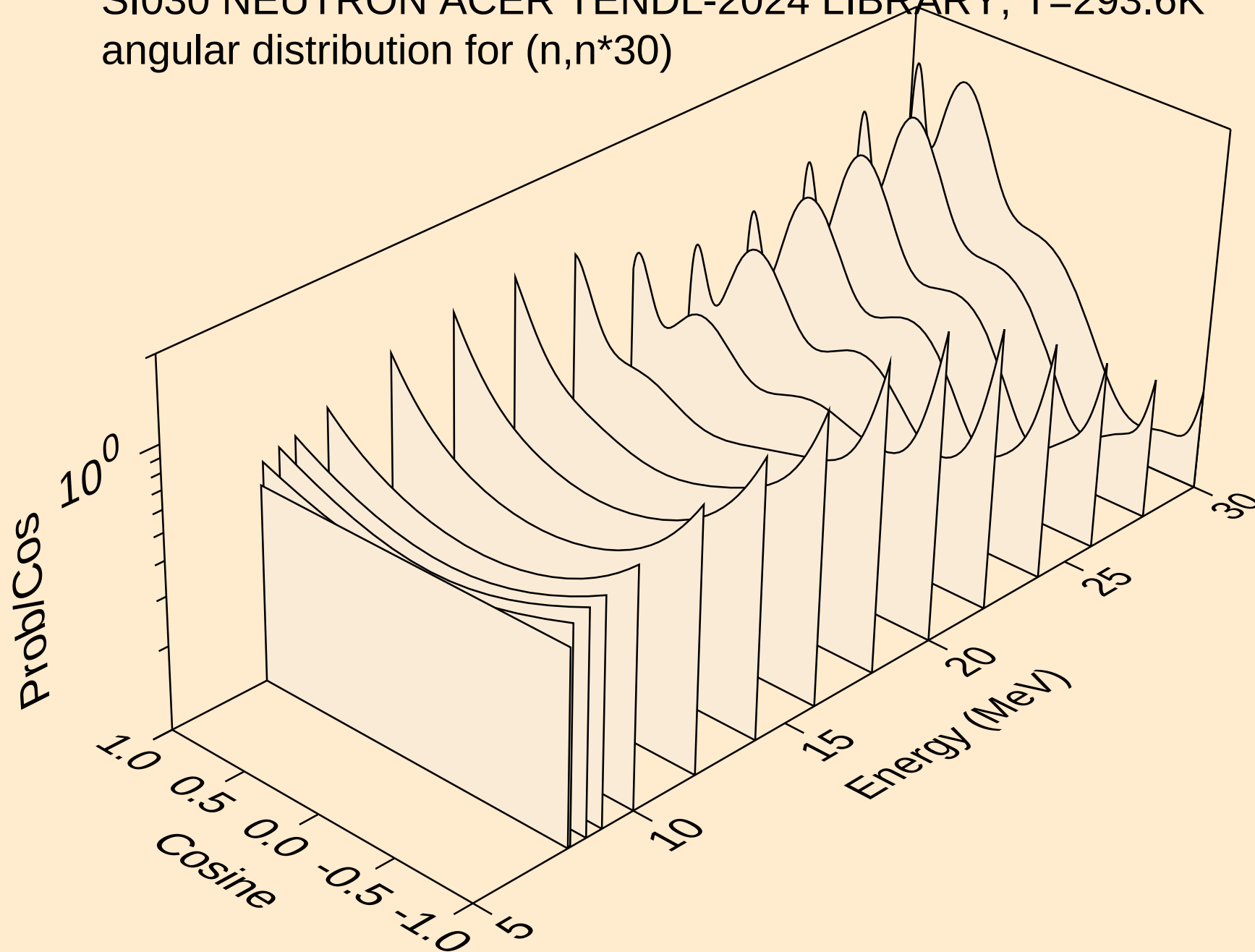
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angular distribution for (n,n*28)



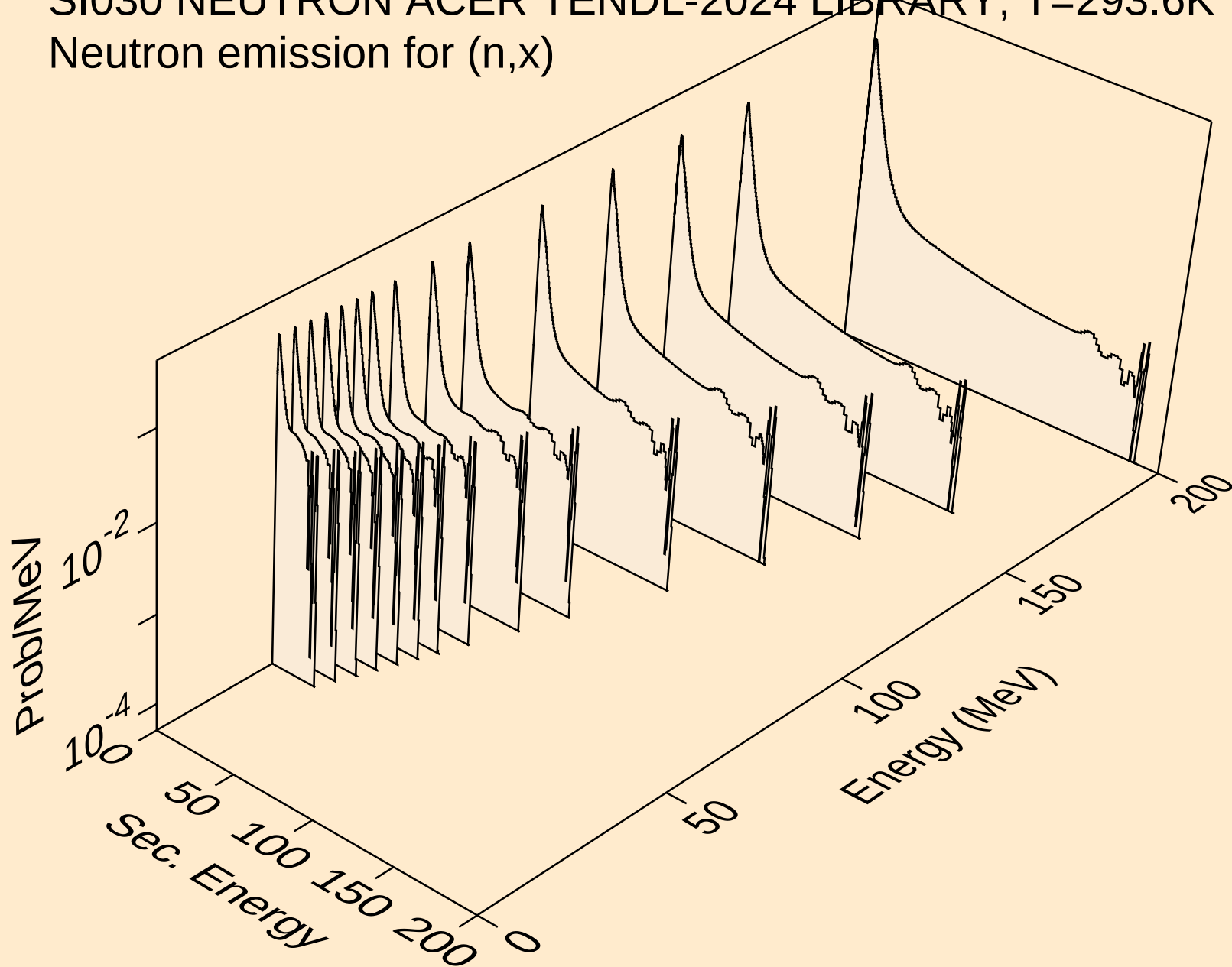
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angular distribution for (n,n*29)



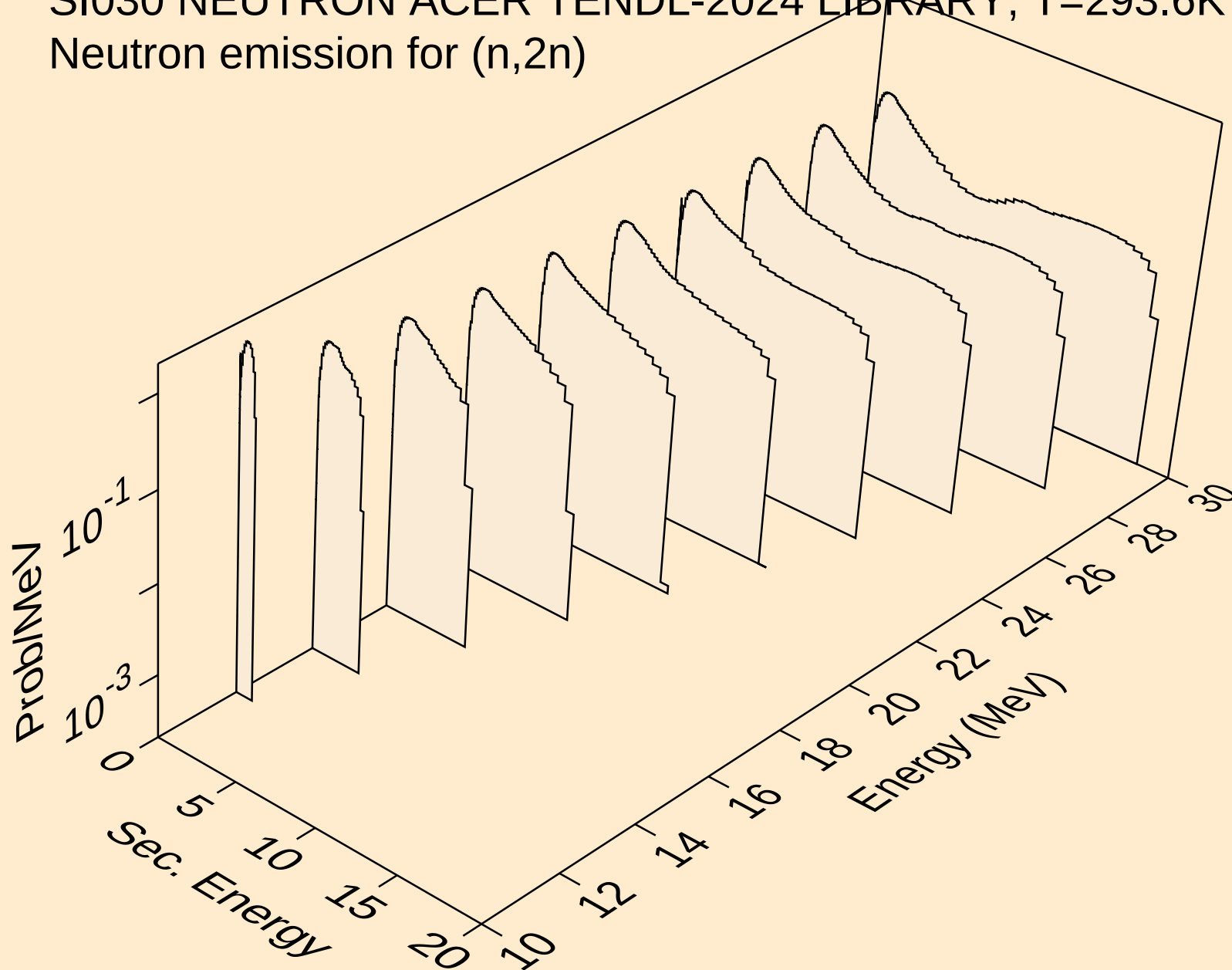
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angular distribution for (n,n*30)



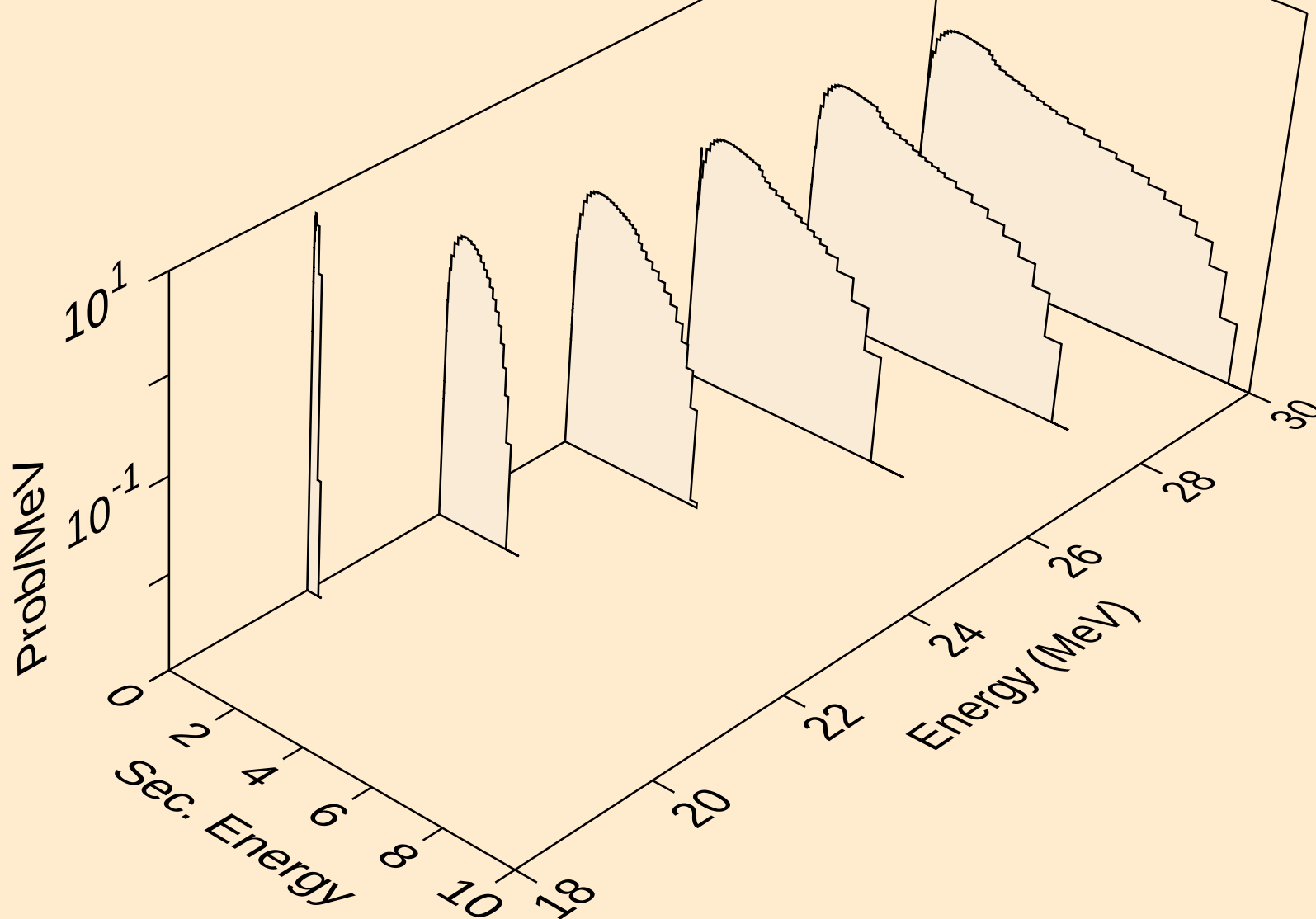
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



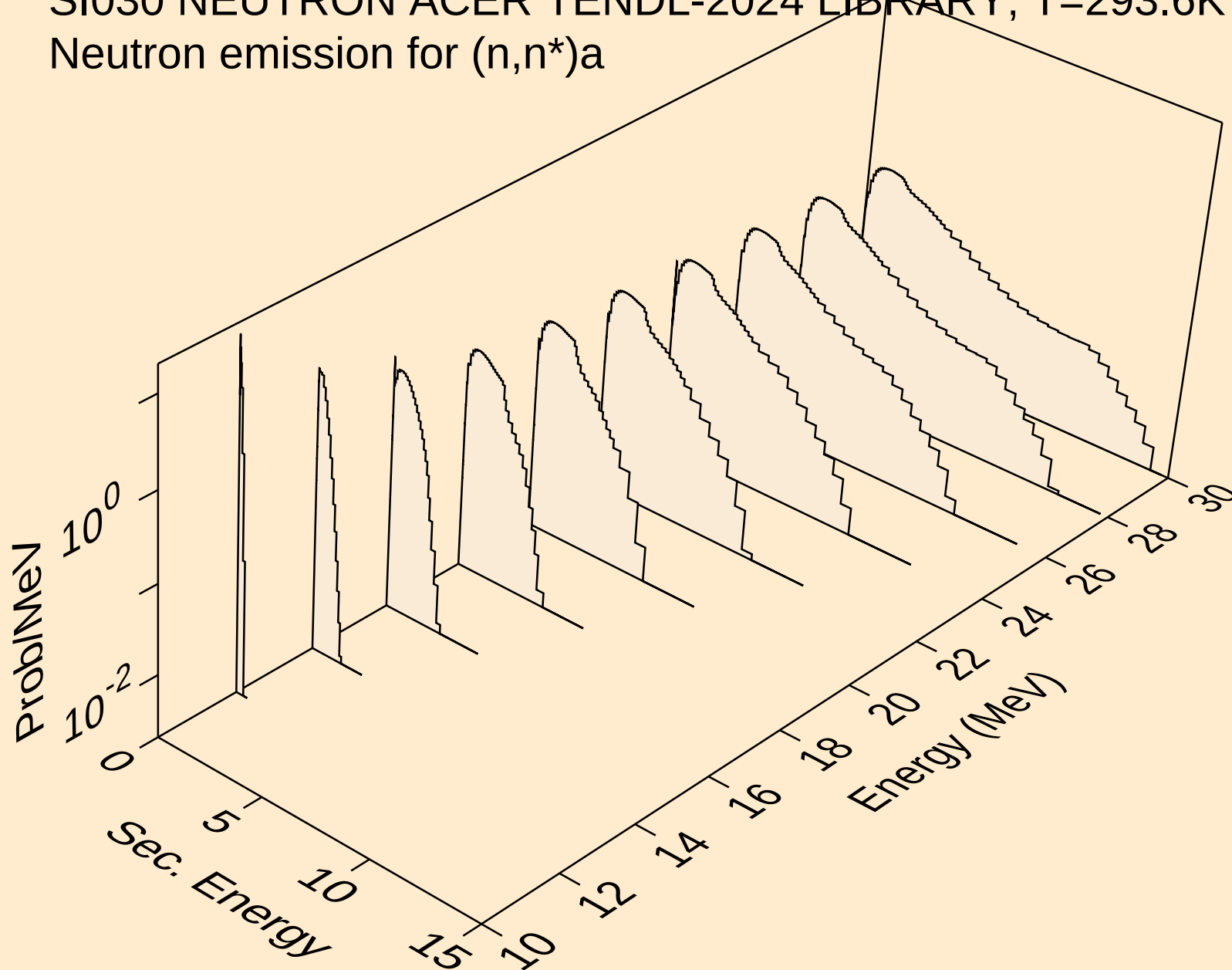
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



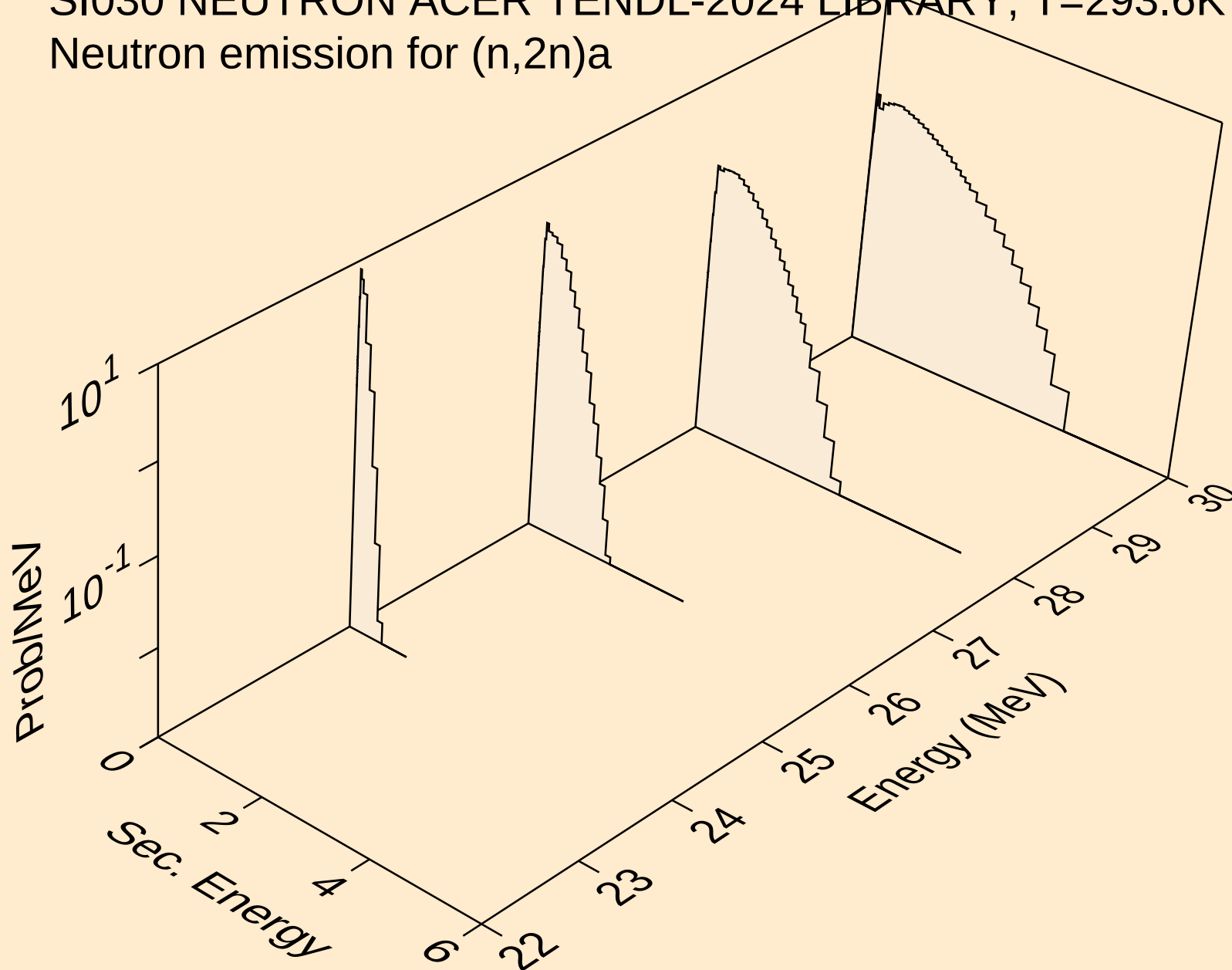
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



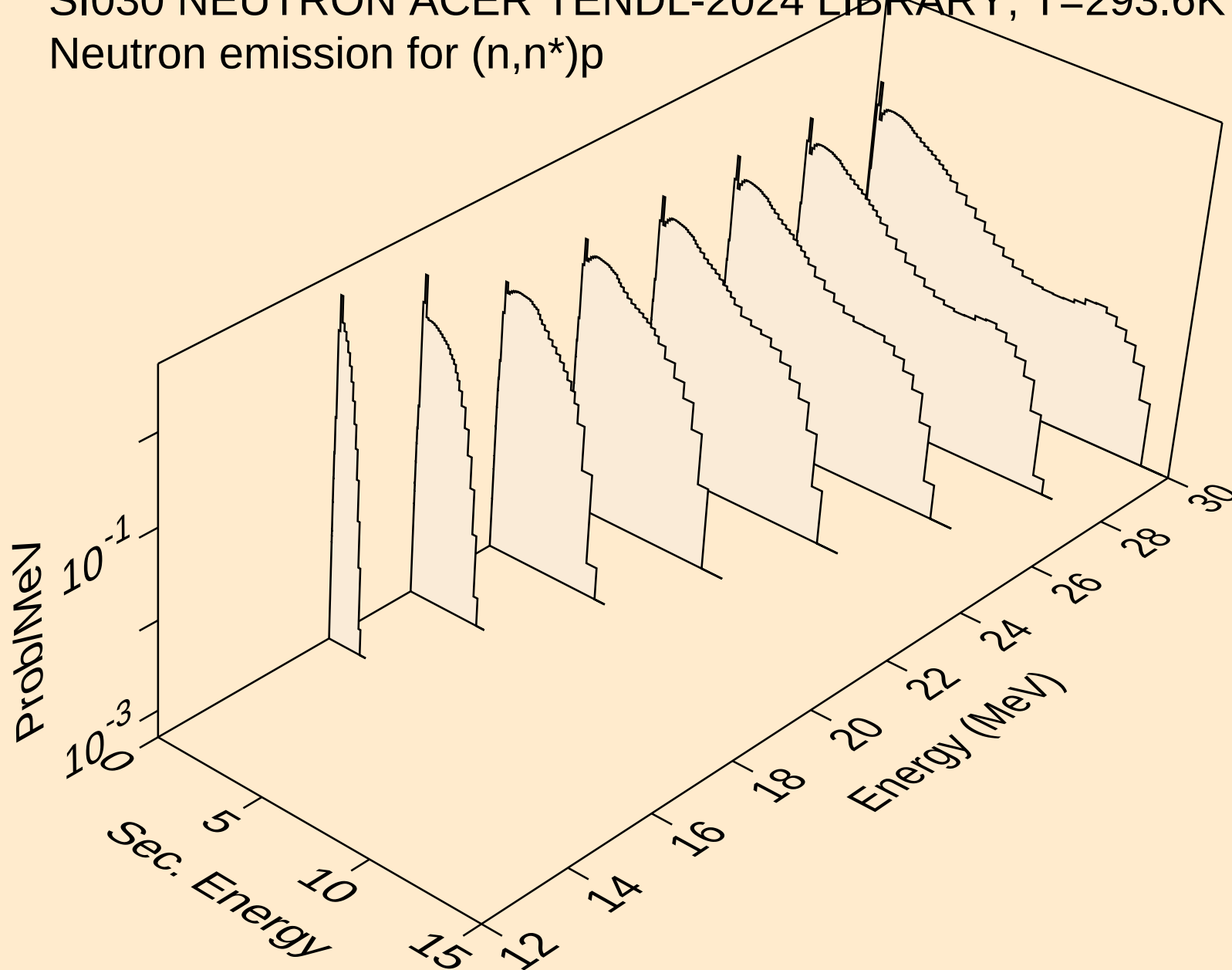
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



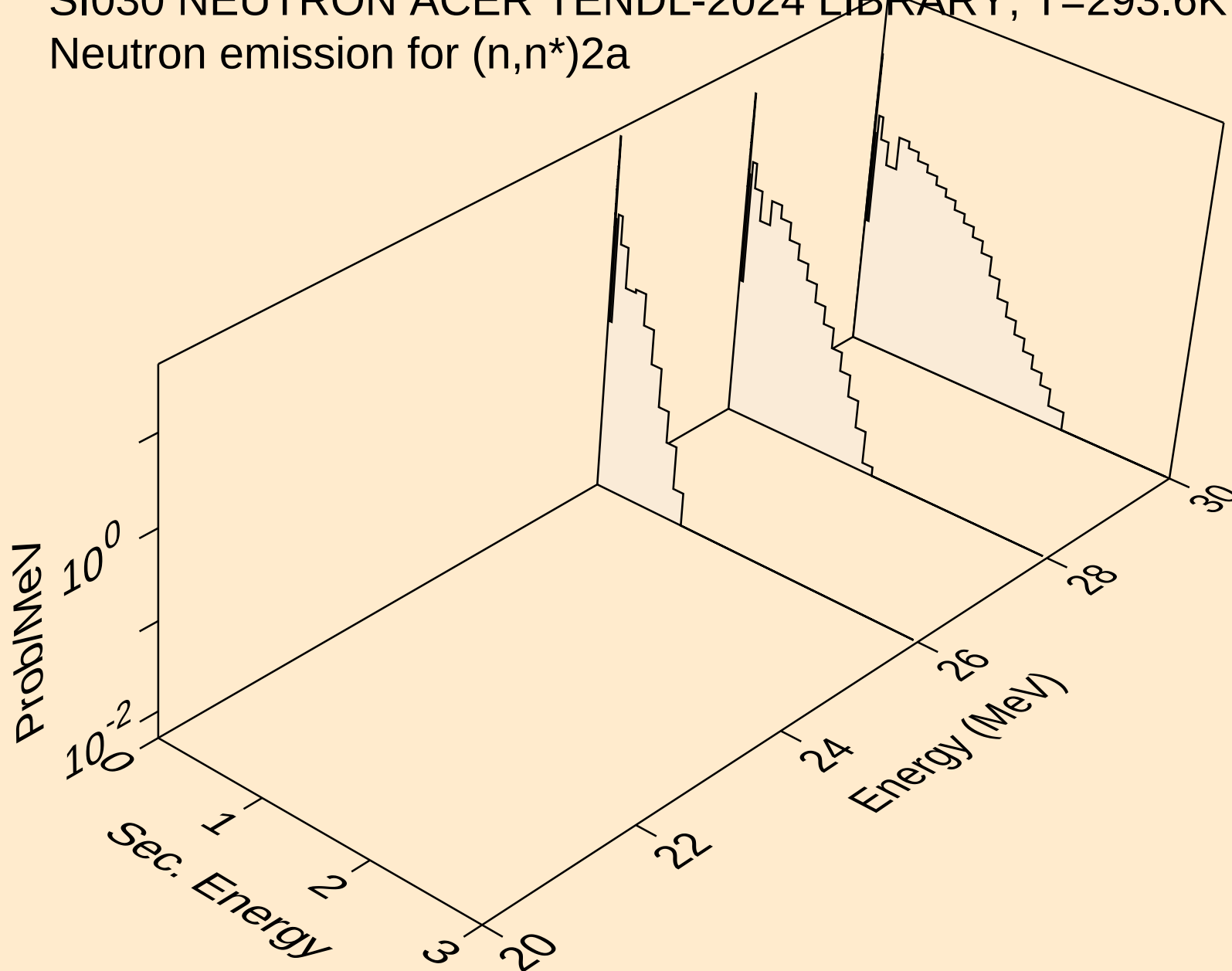
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



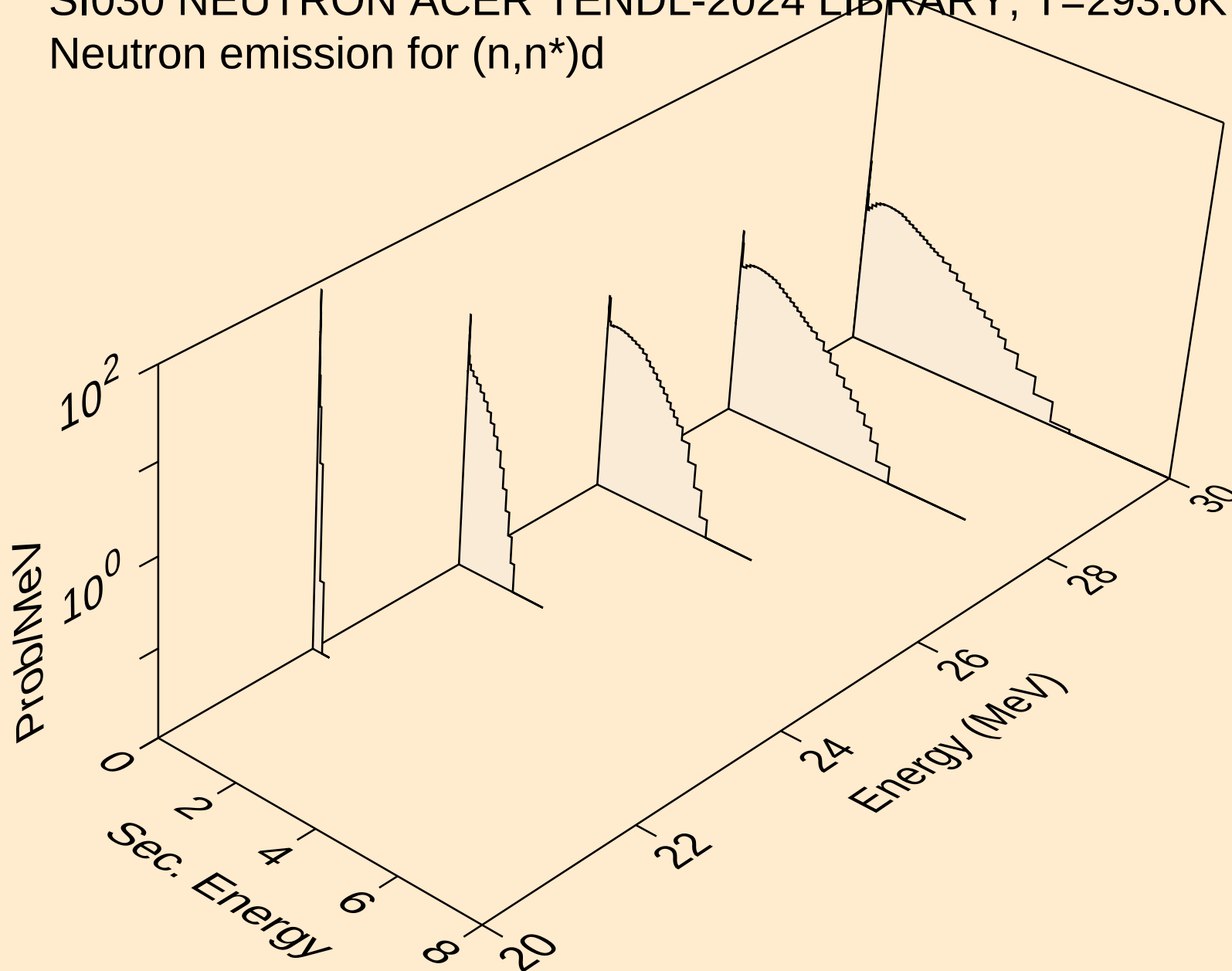
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



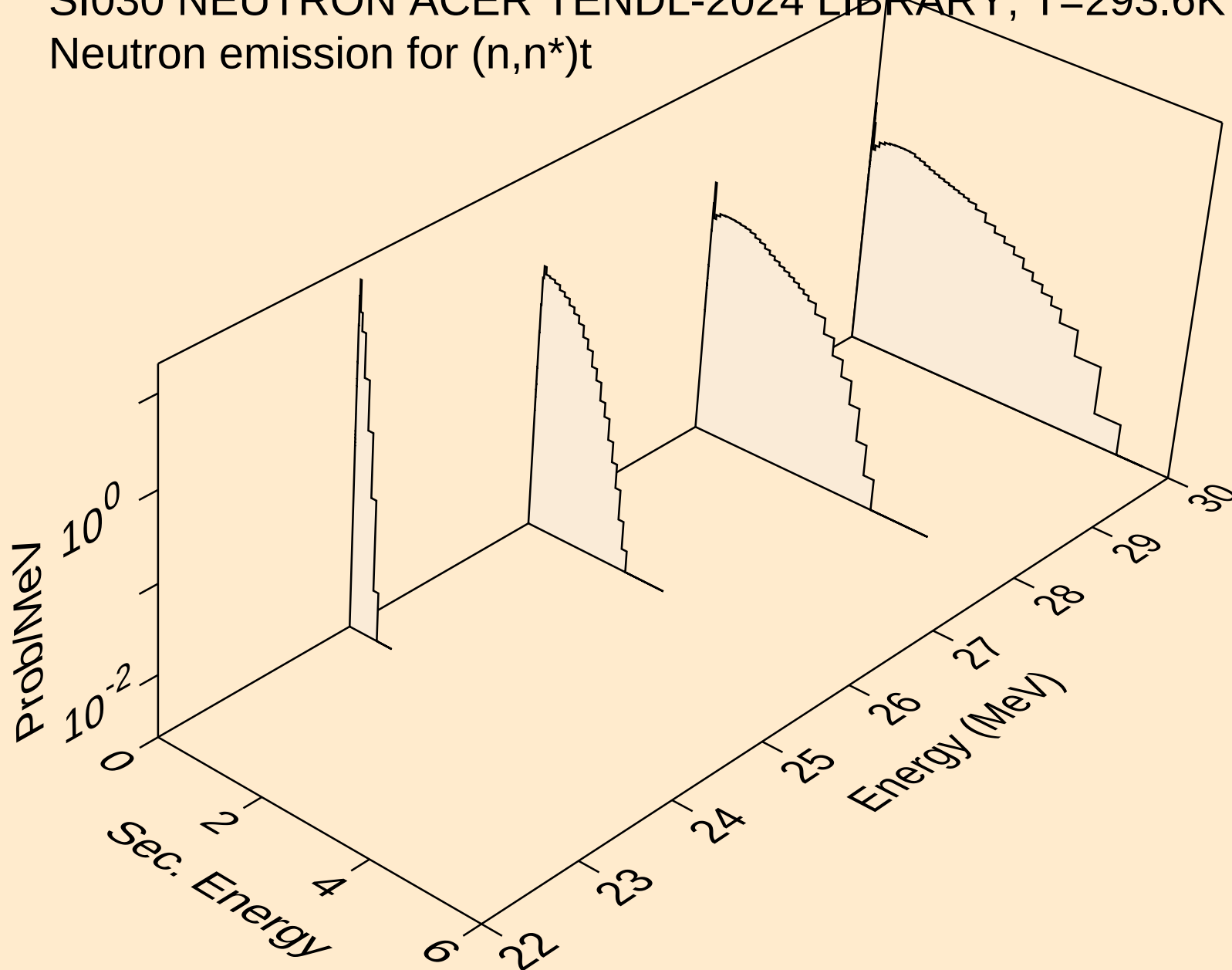
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



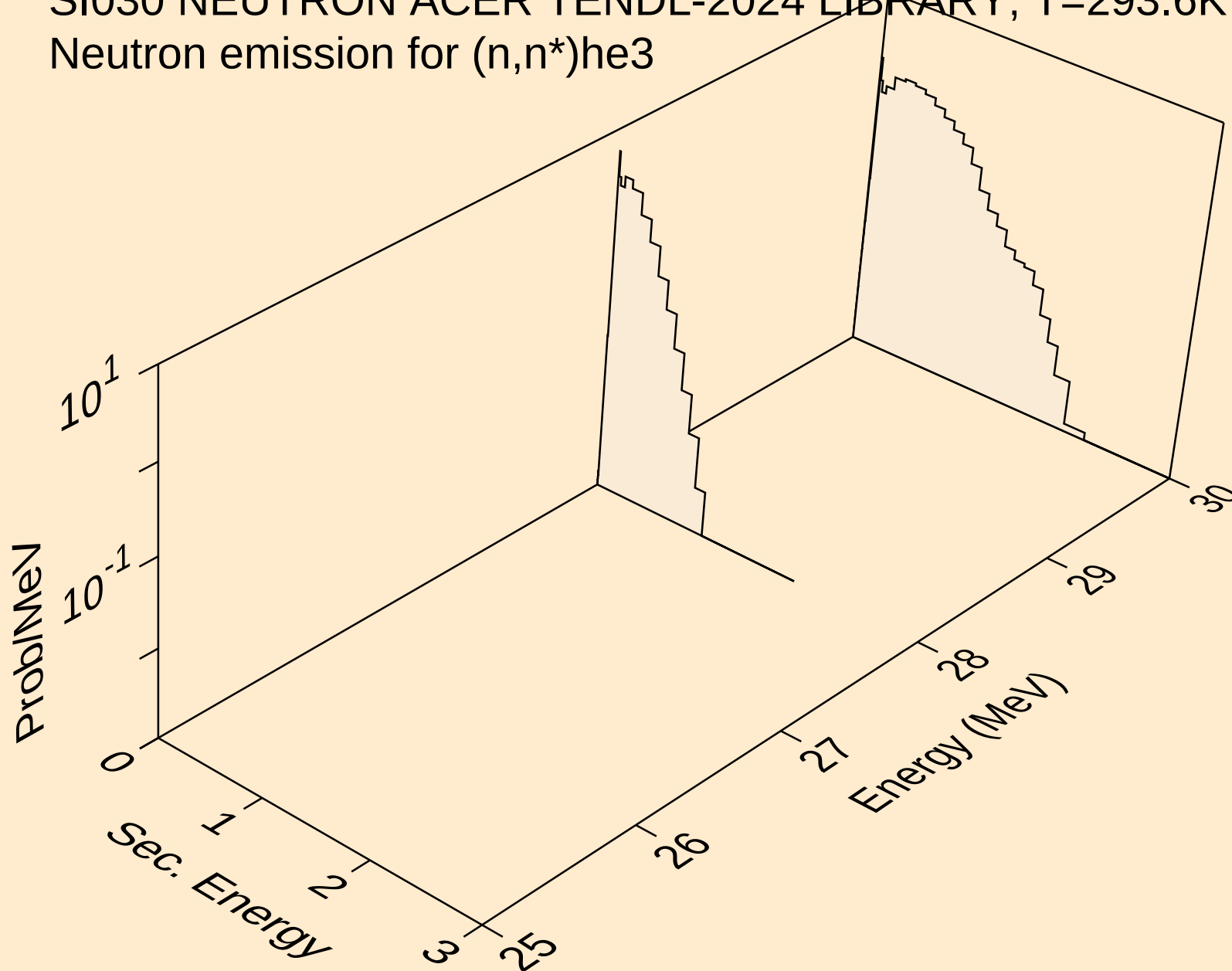
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



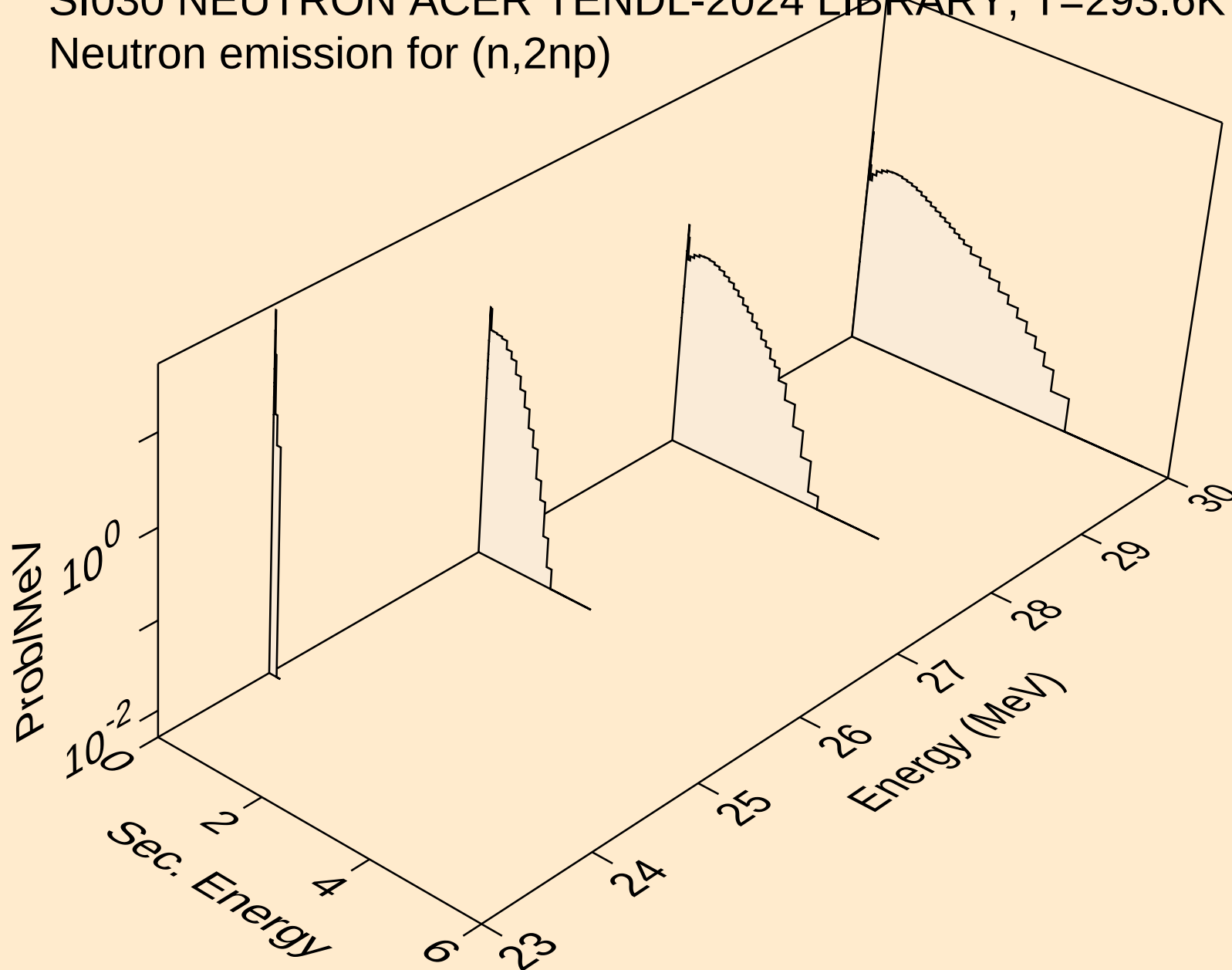
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



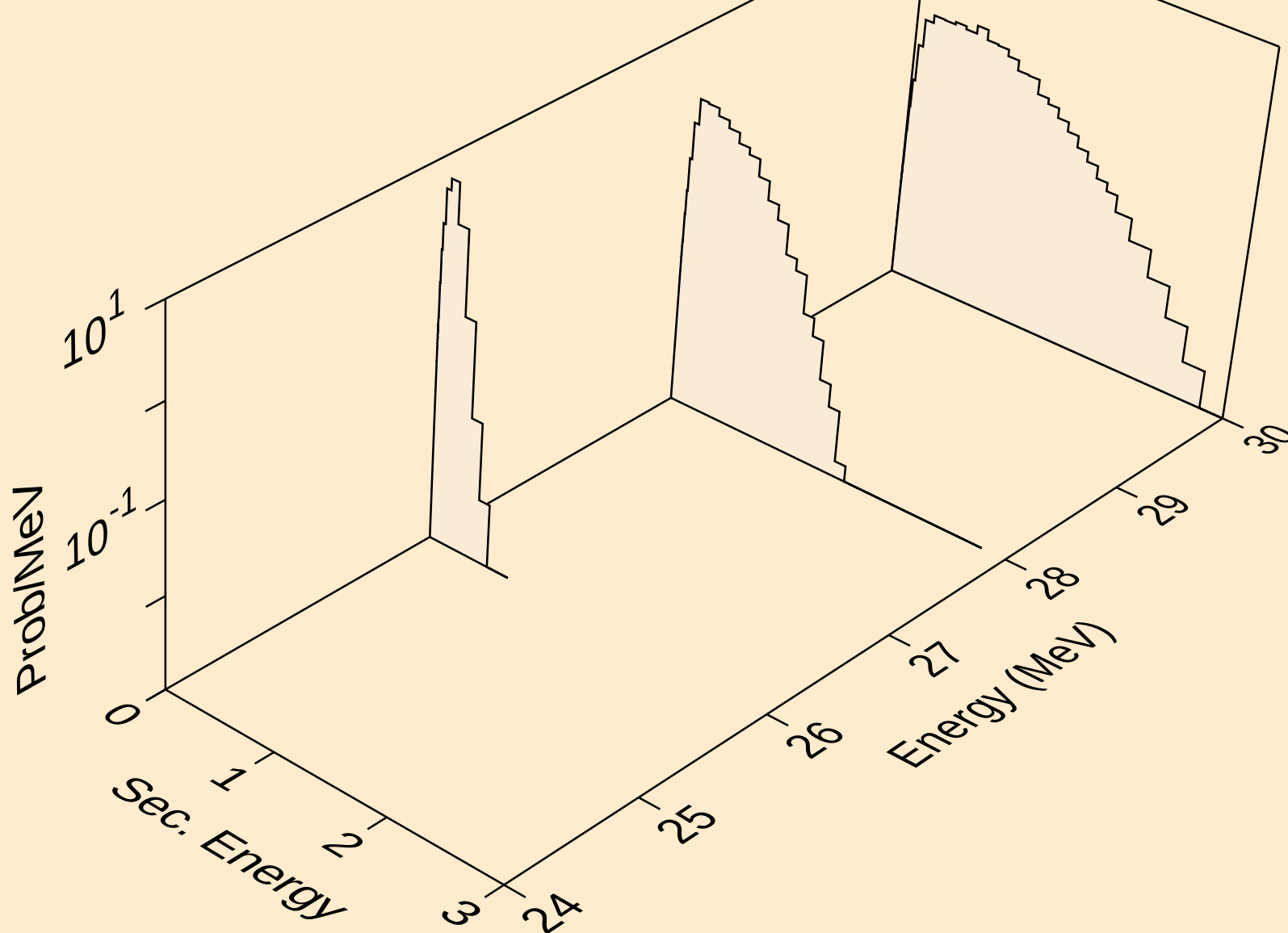
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



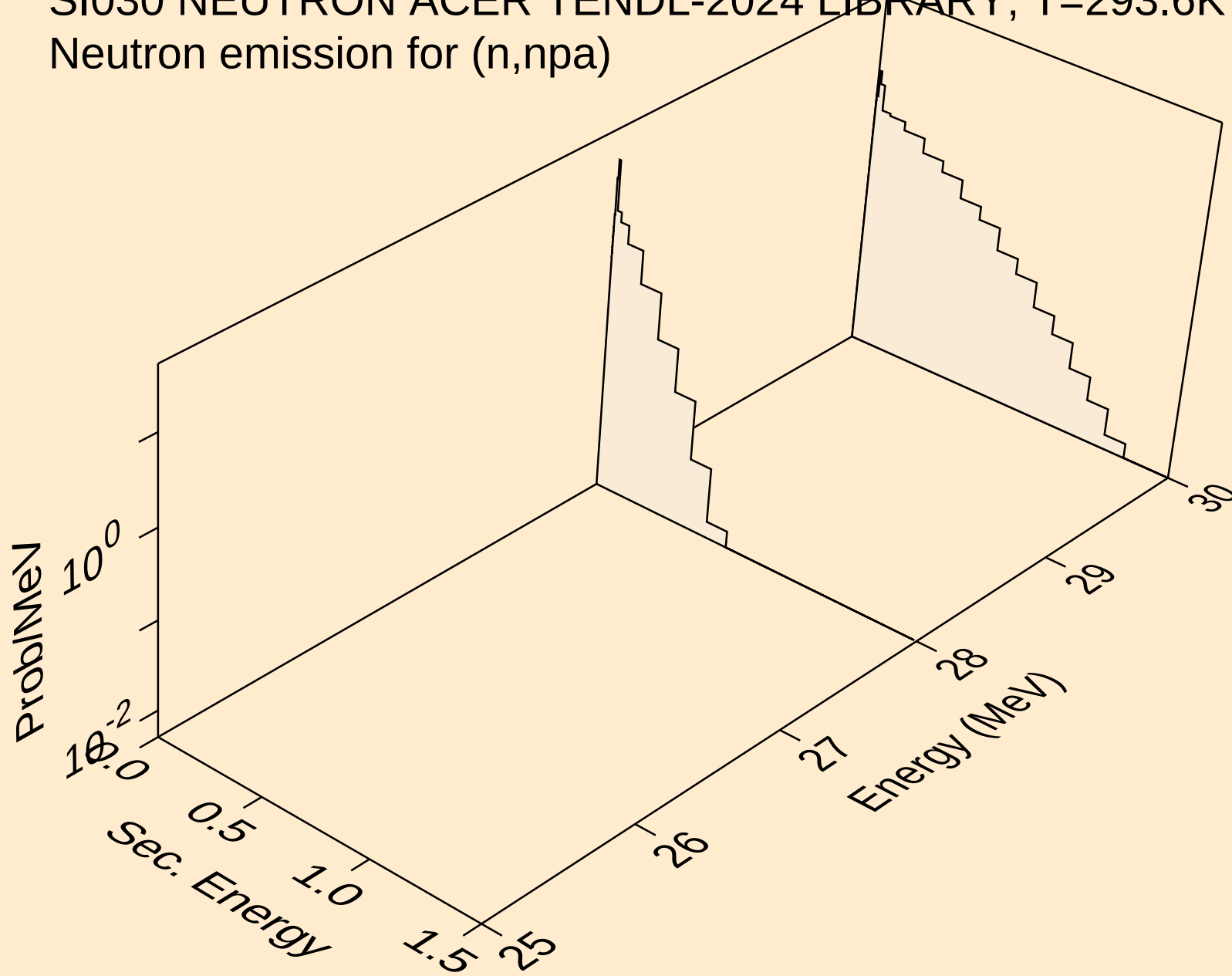
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



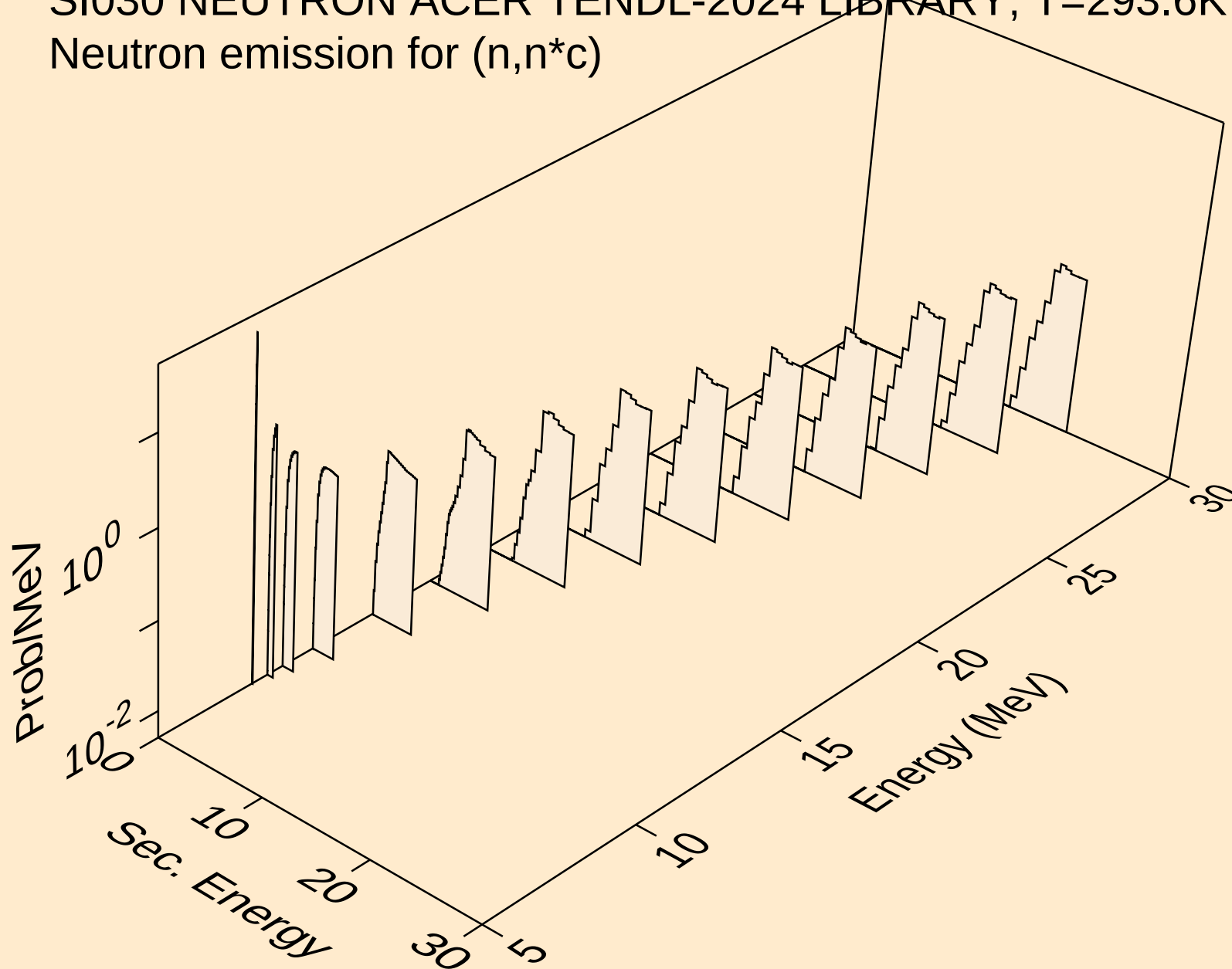
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



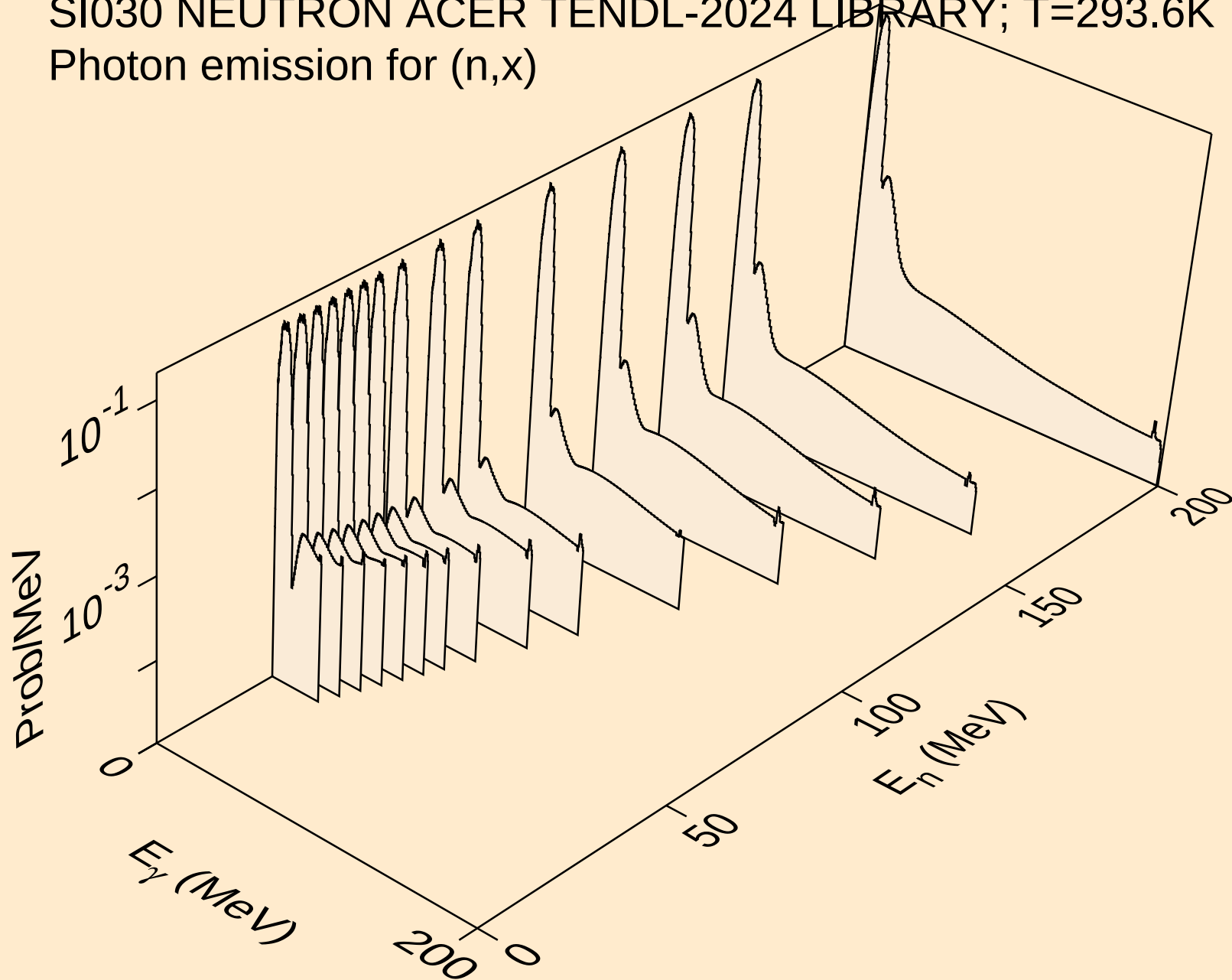
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



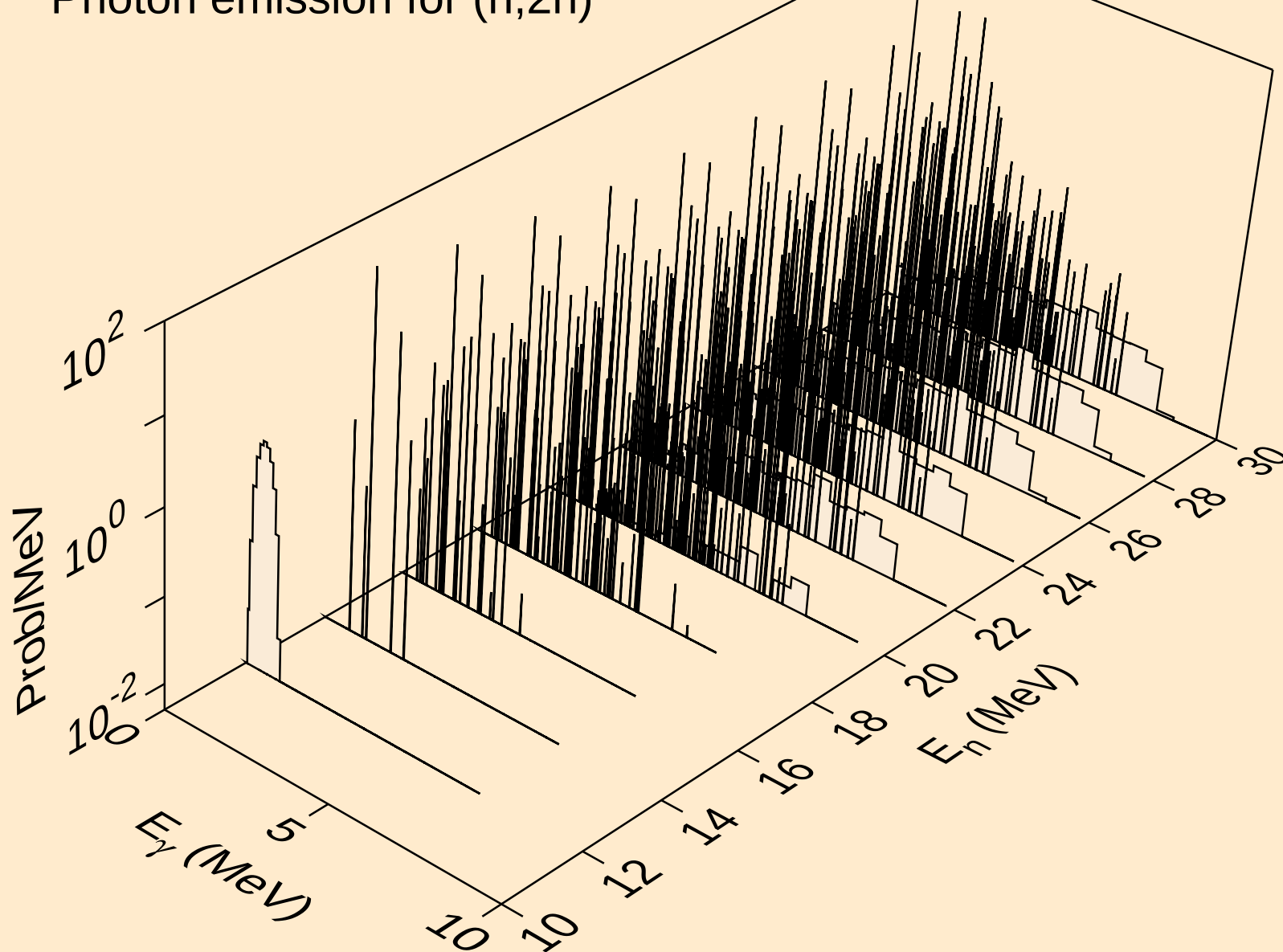
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



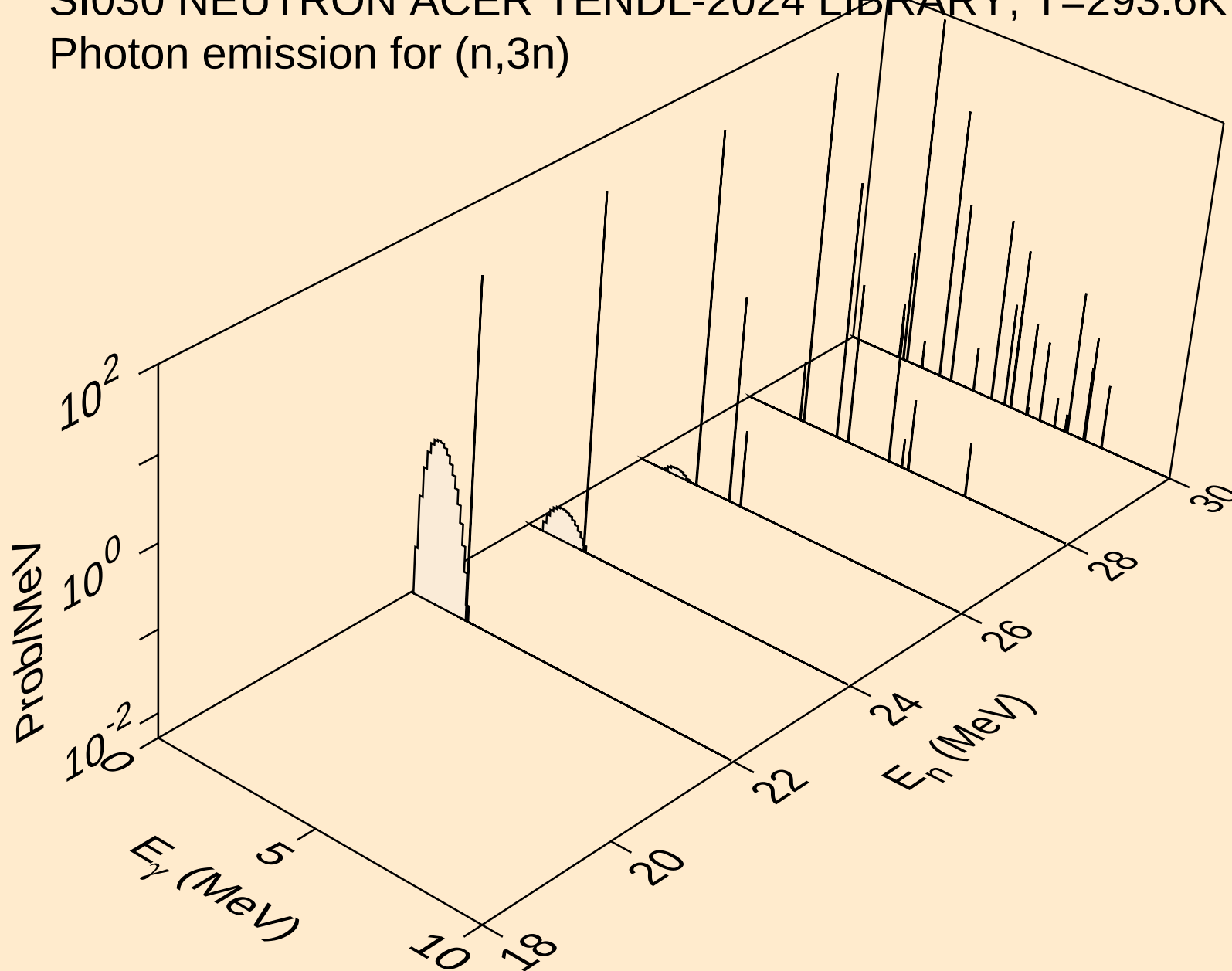
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



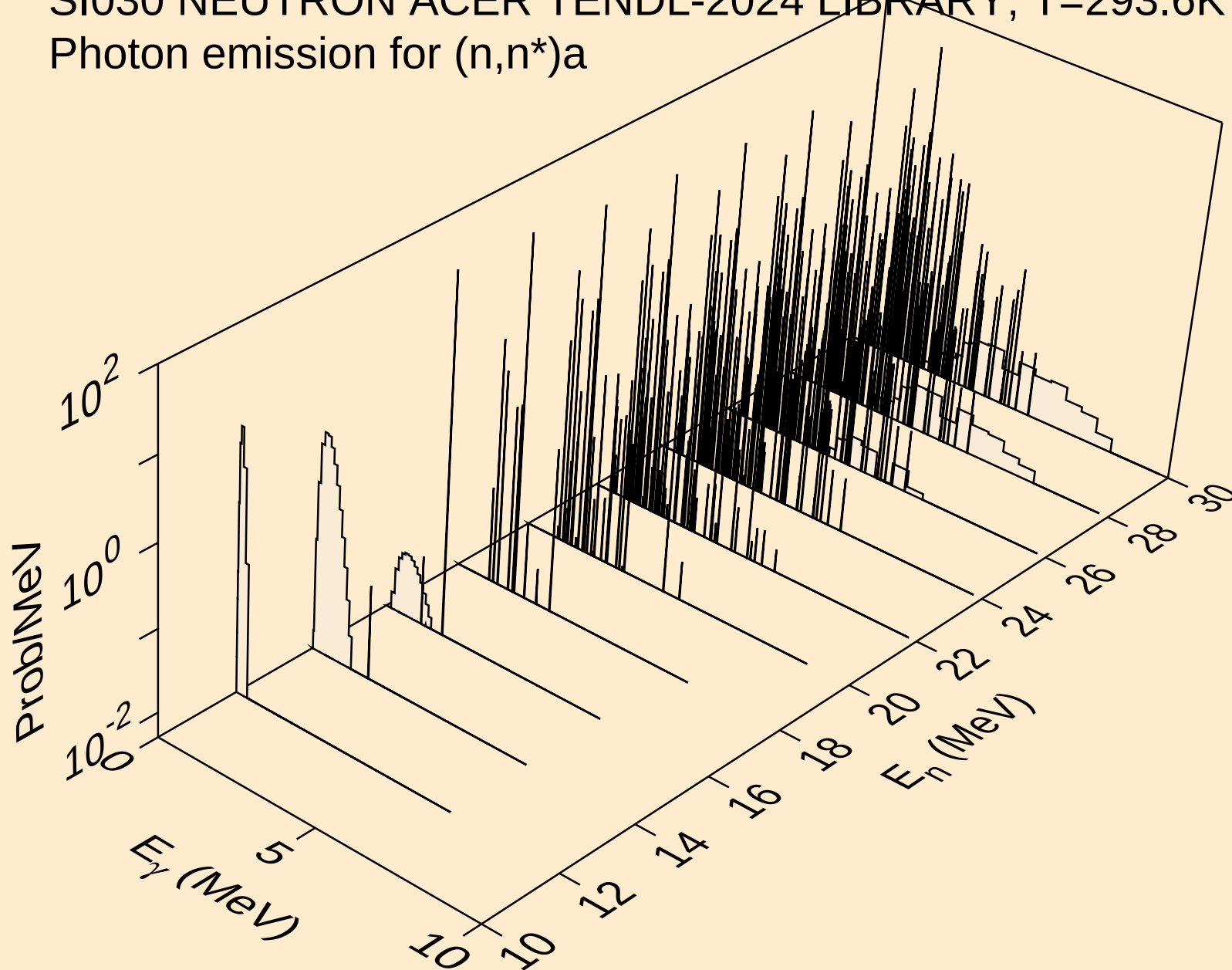
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)



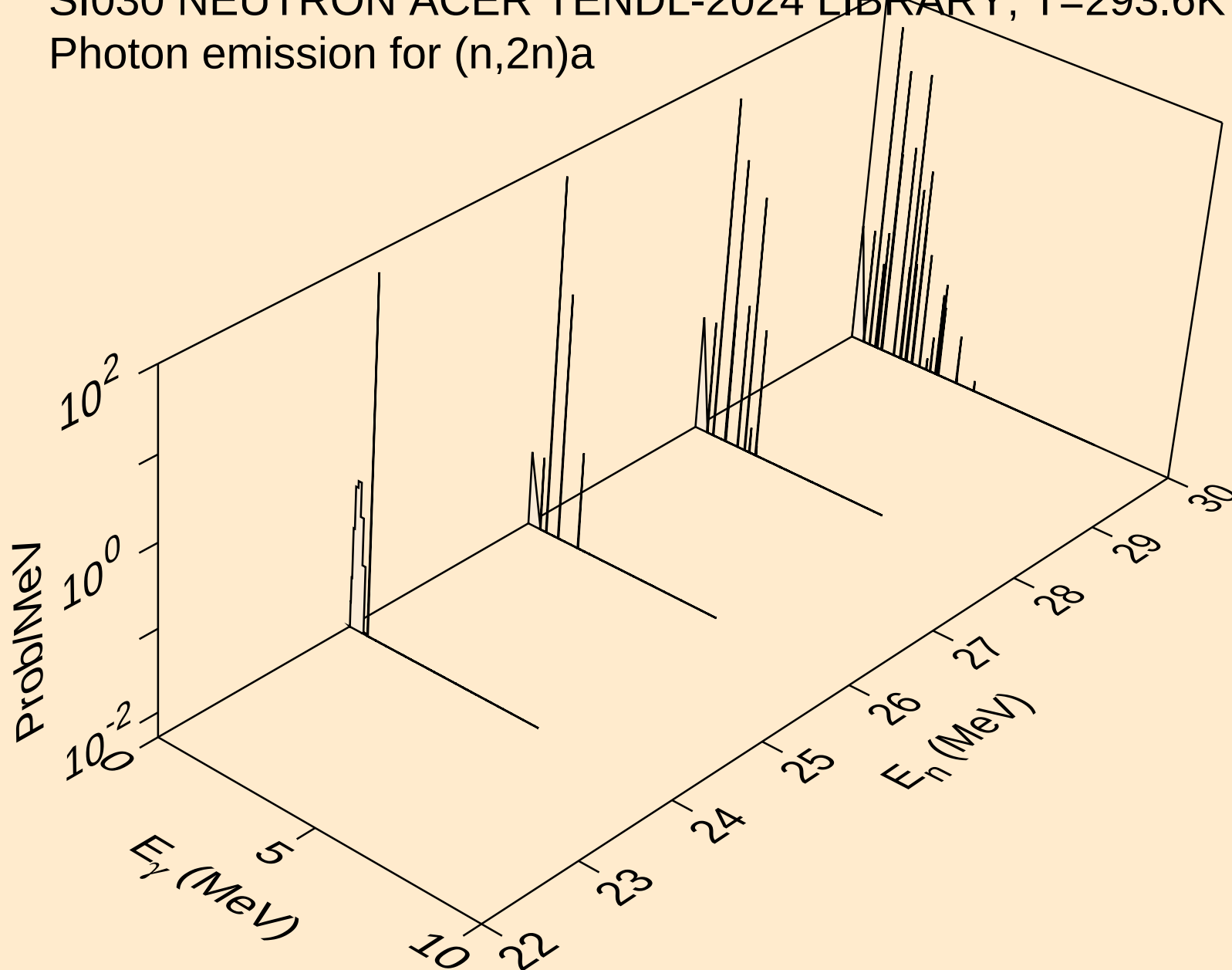
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



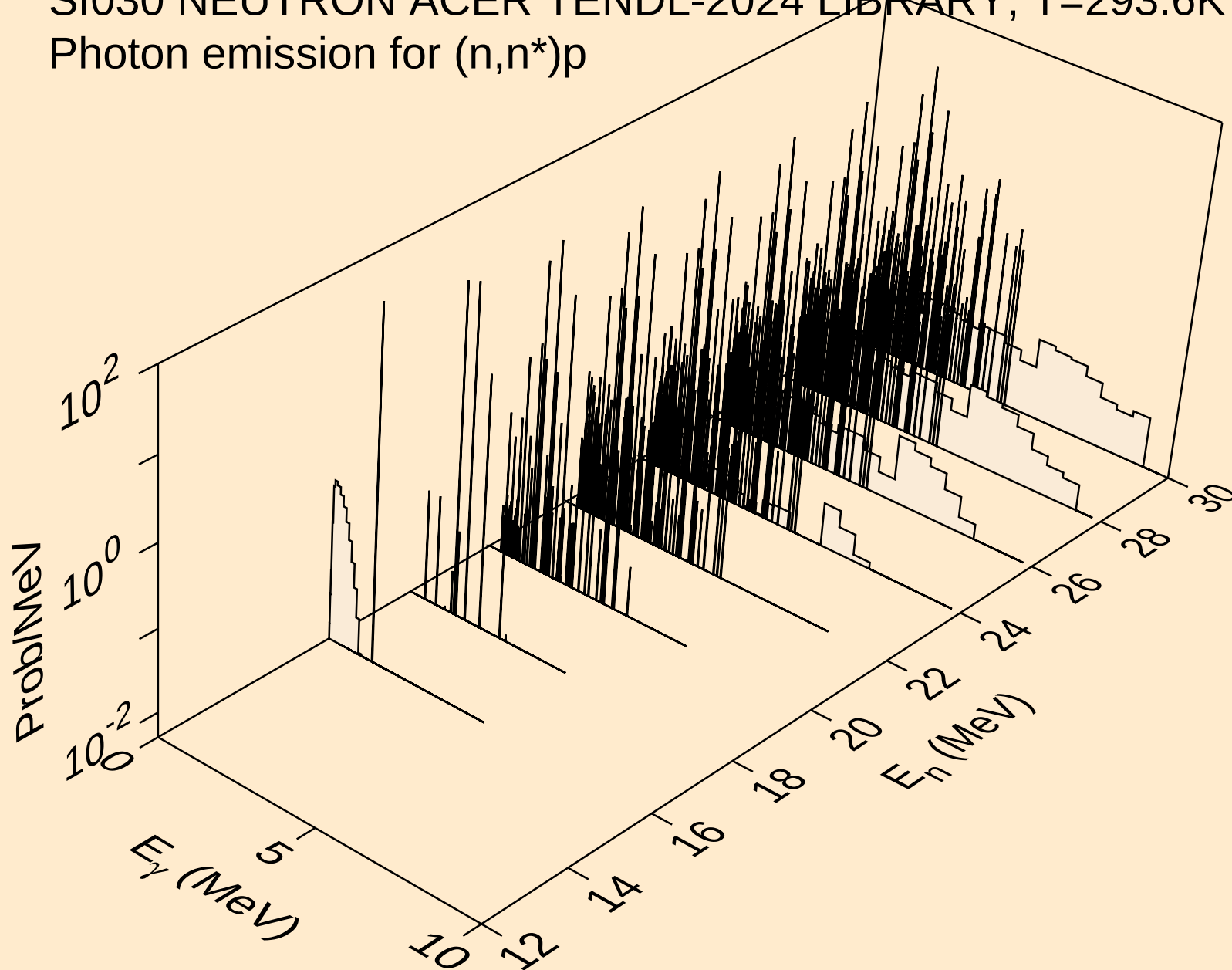
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



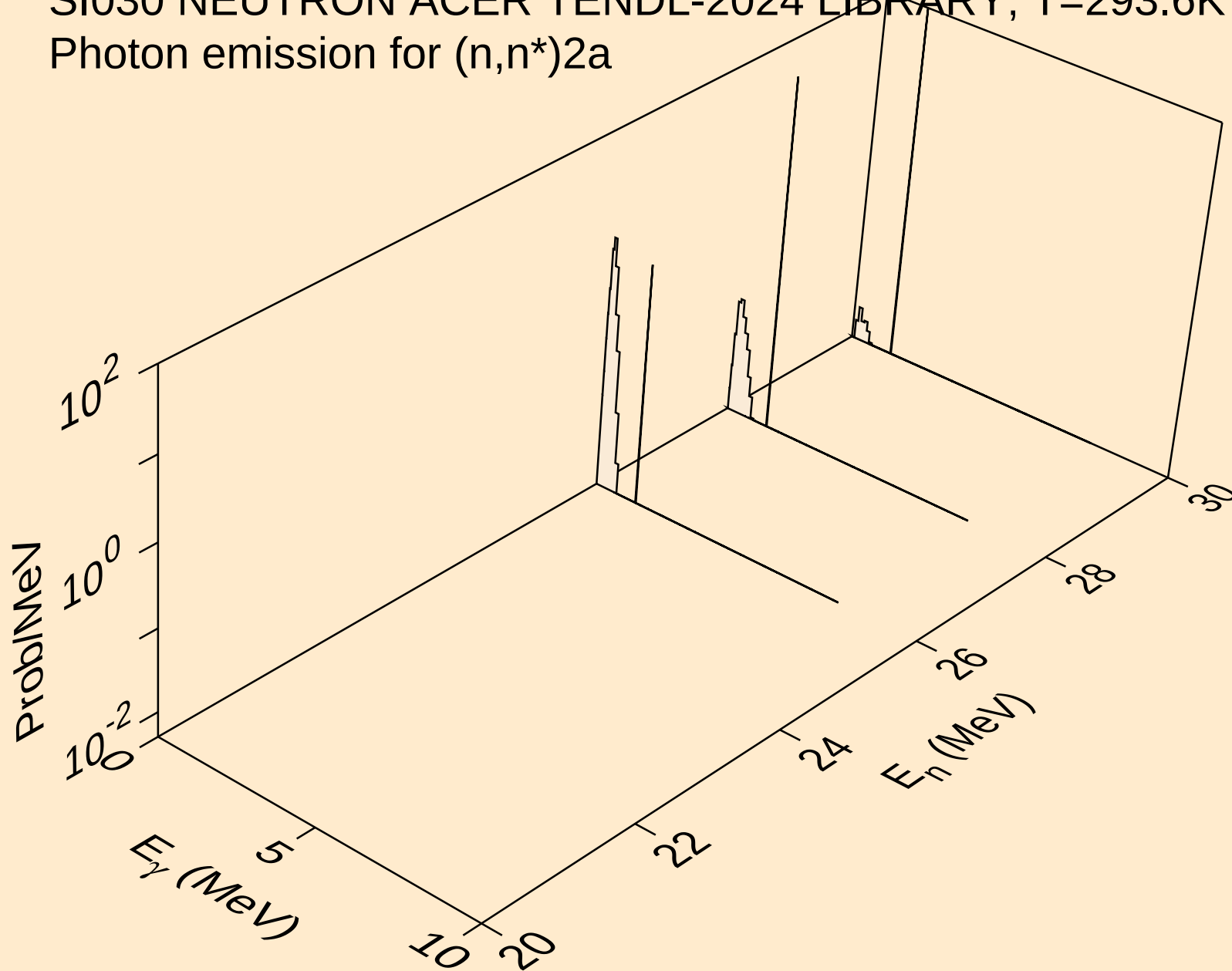
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n) α



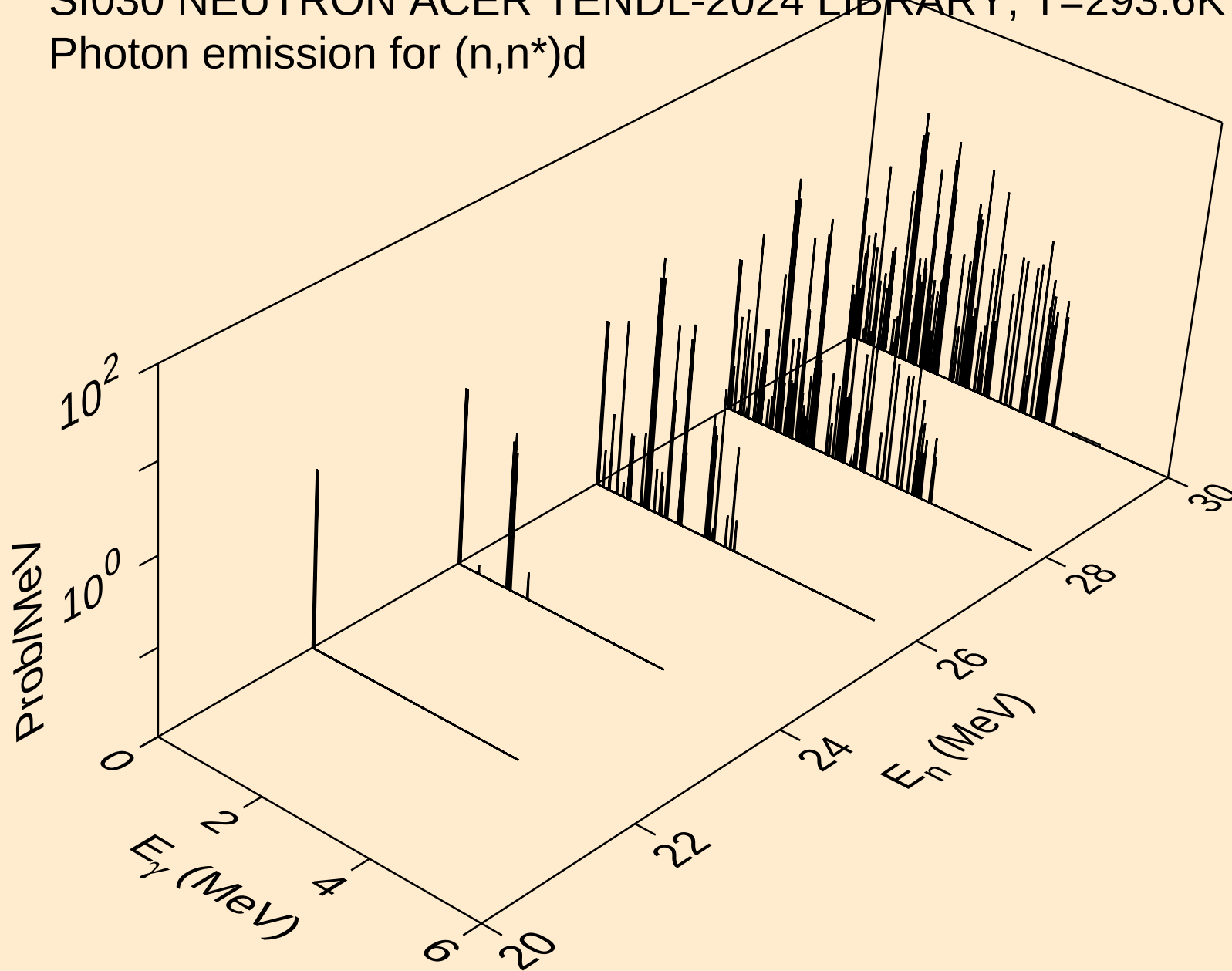
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



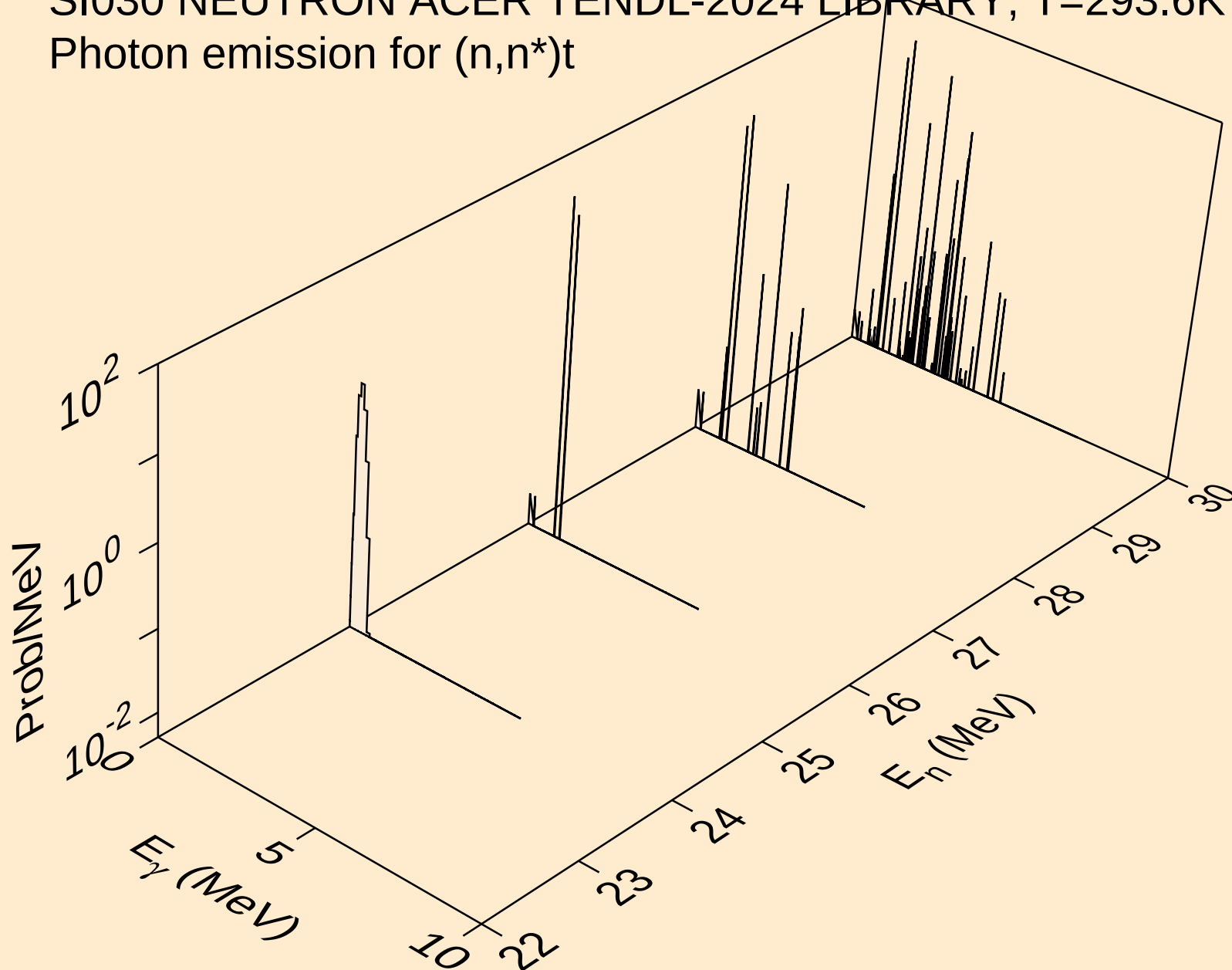
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



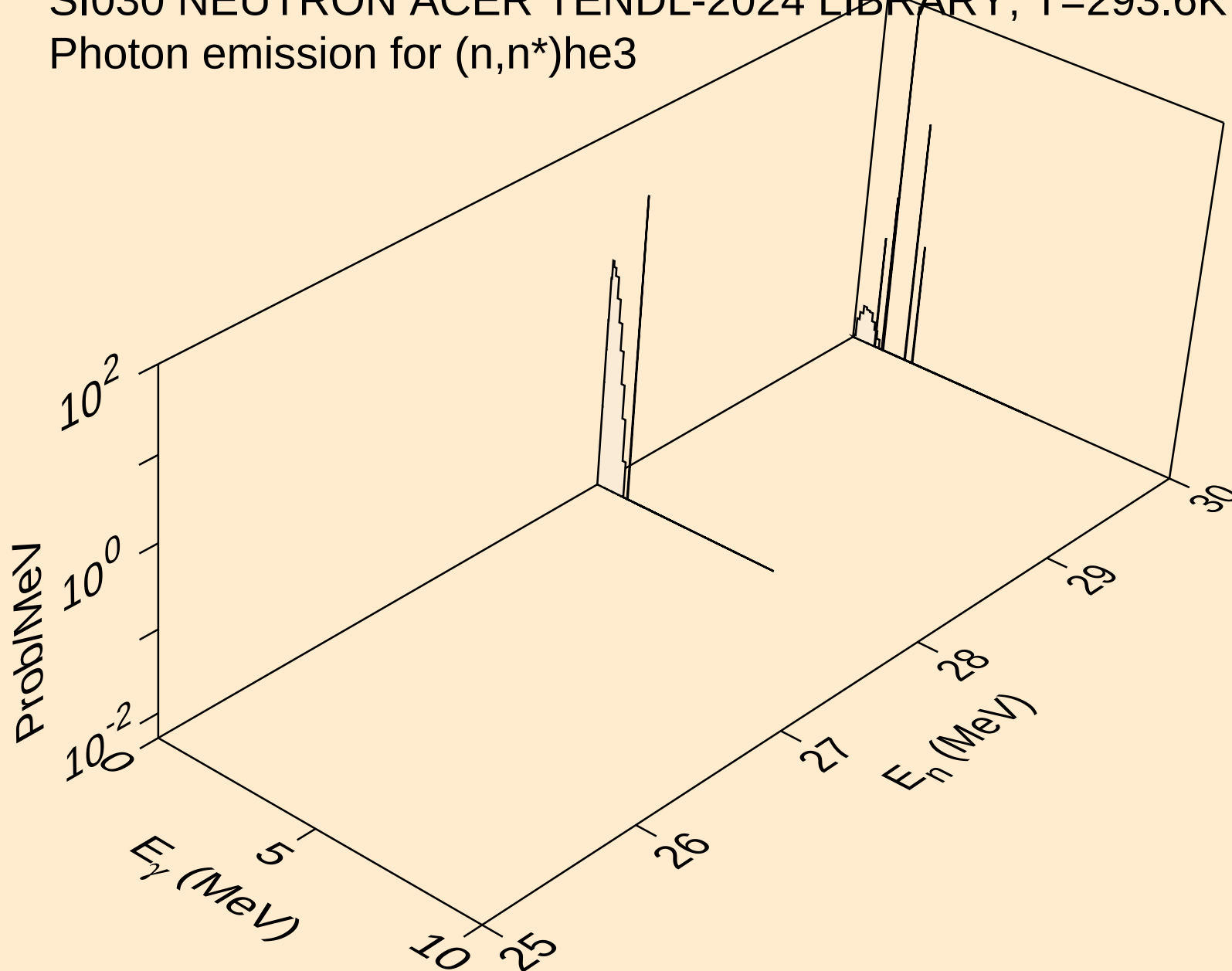
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d



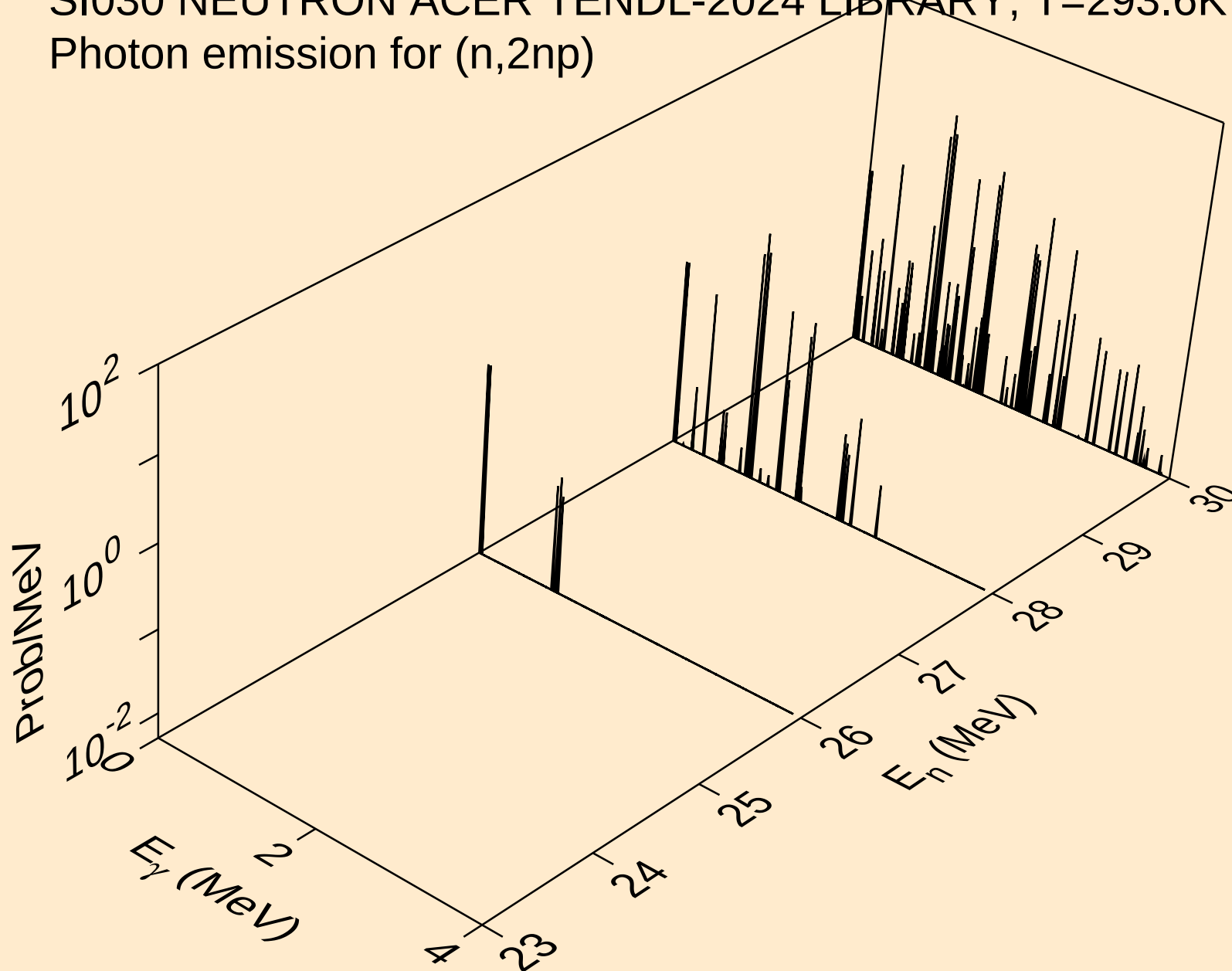
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



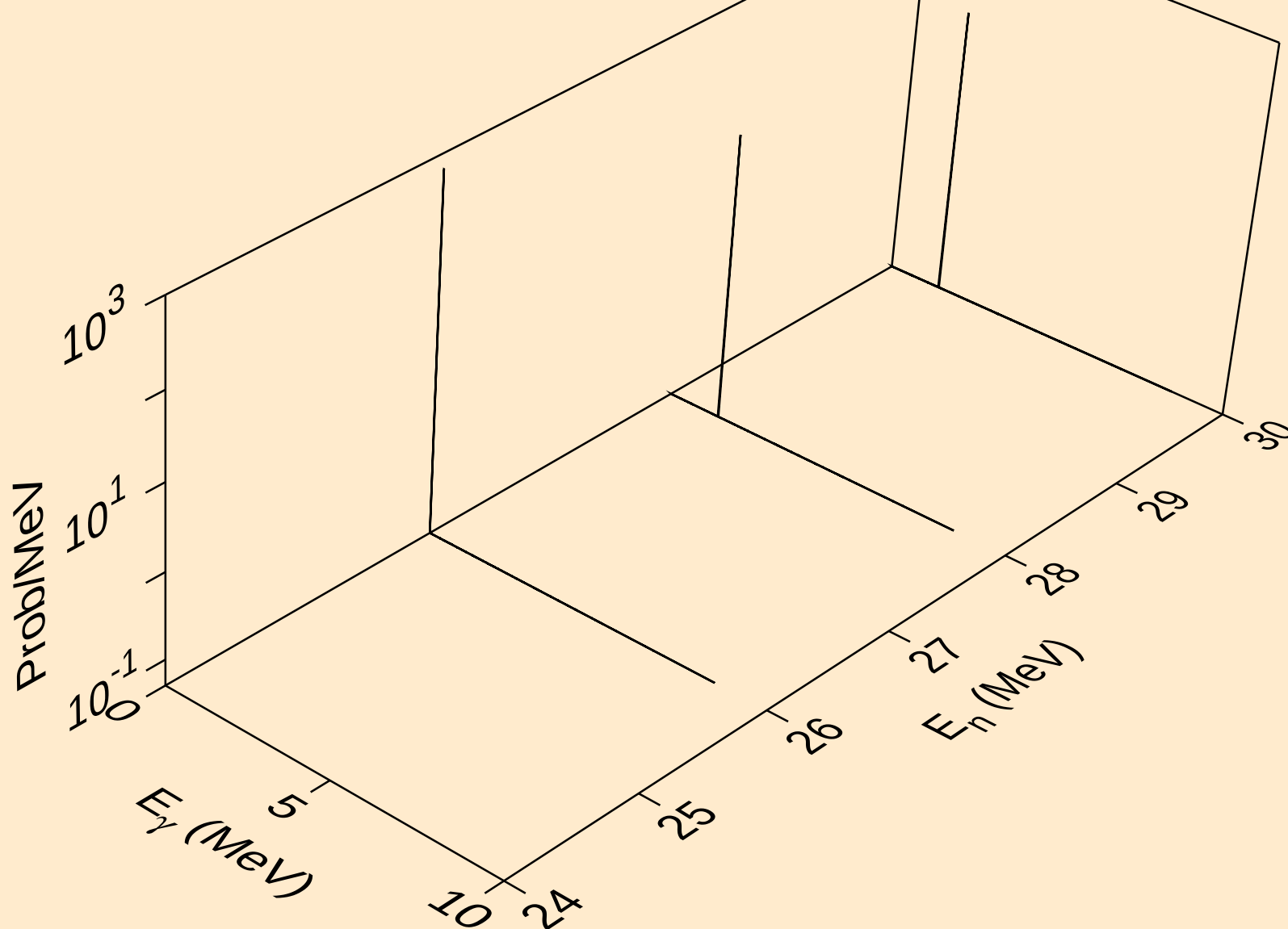
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



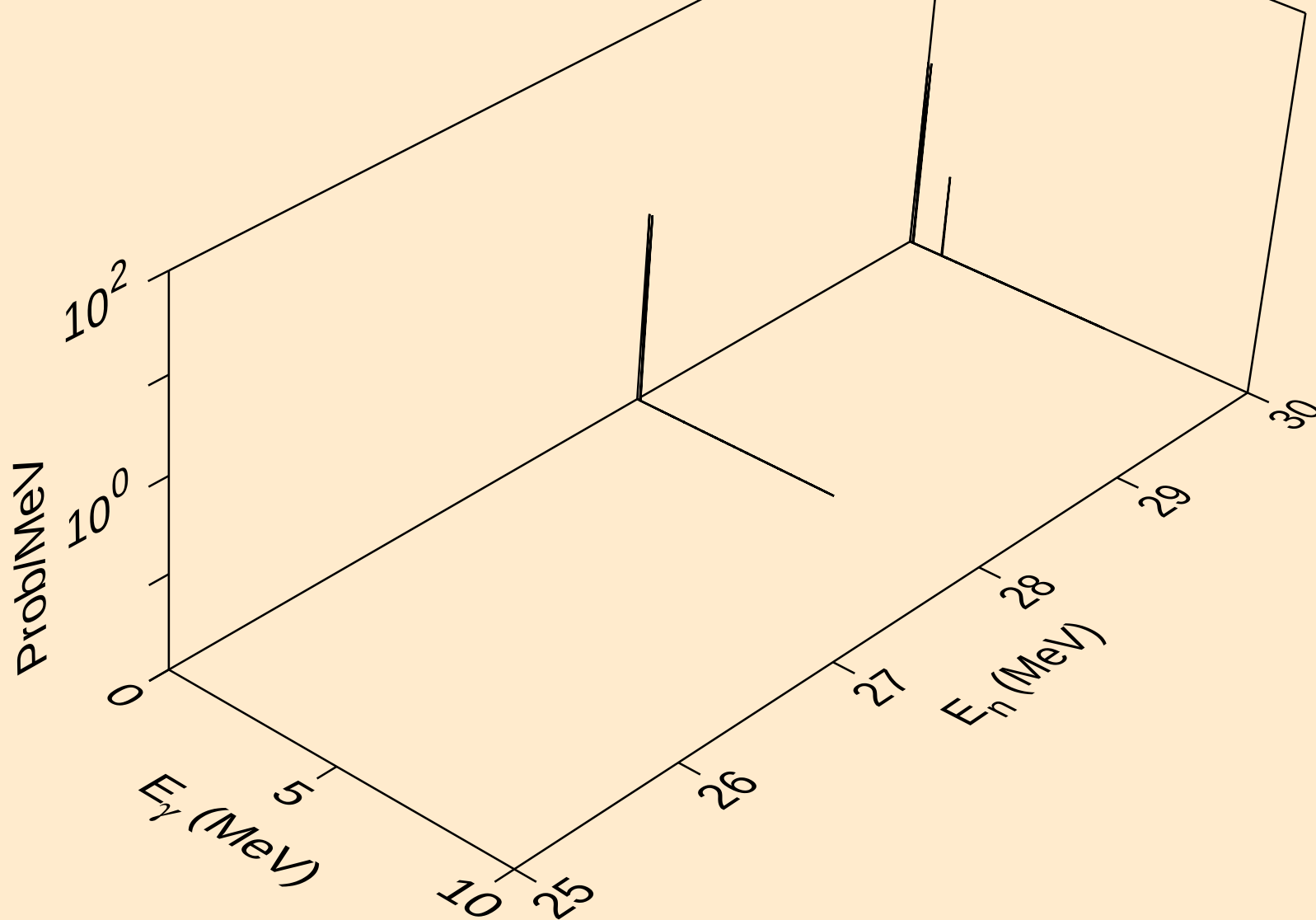
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



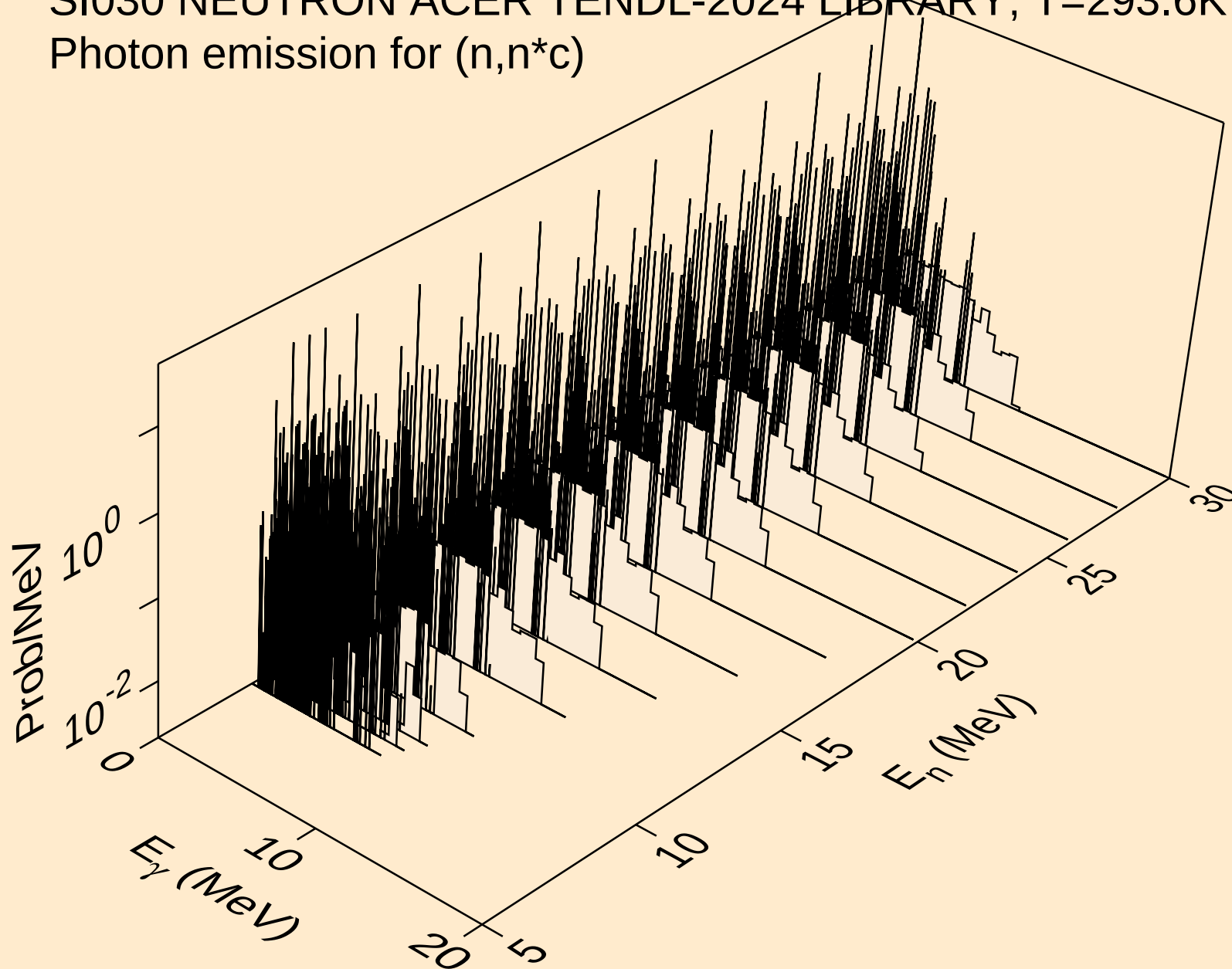
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



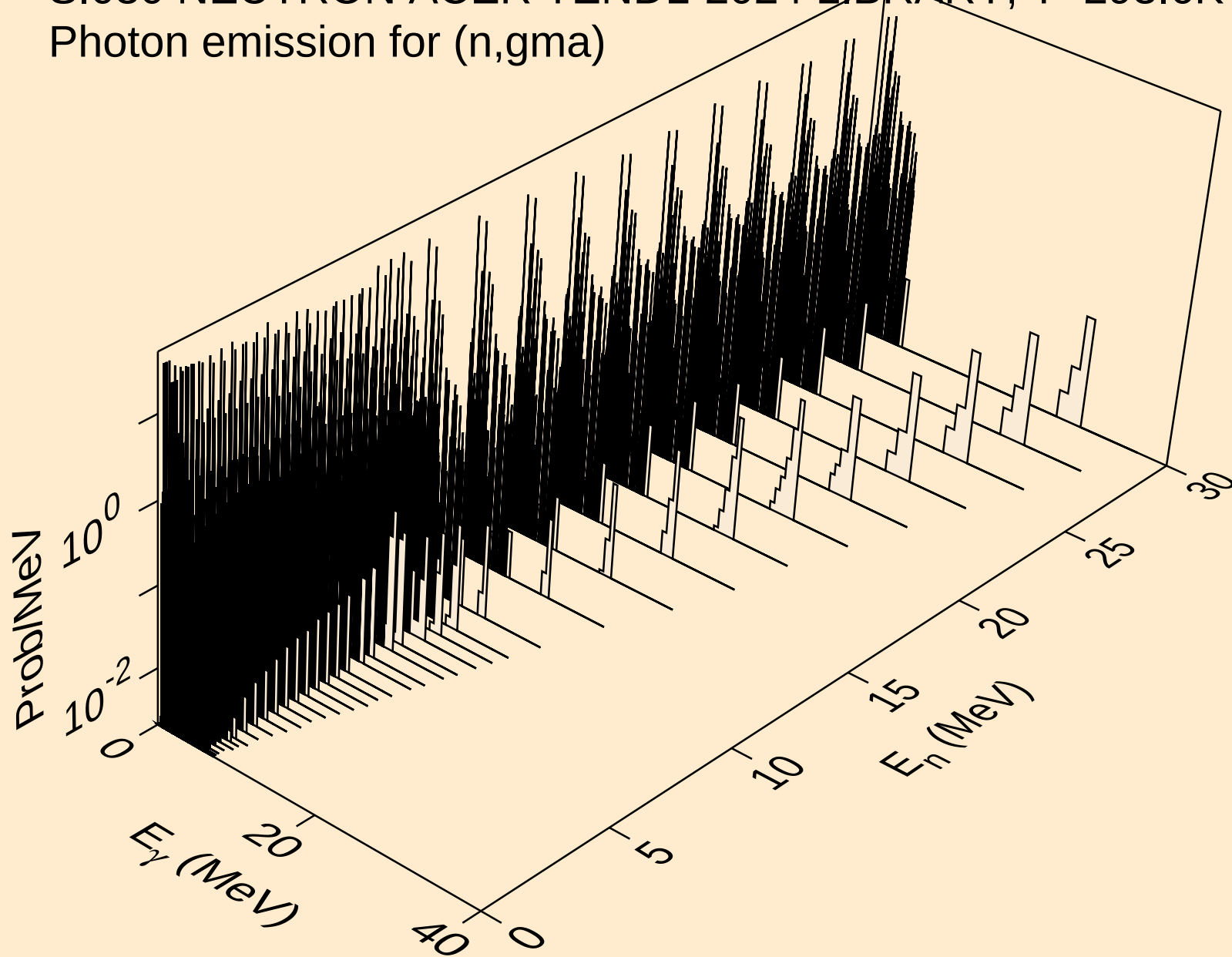
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



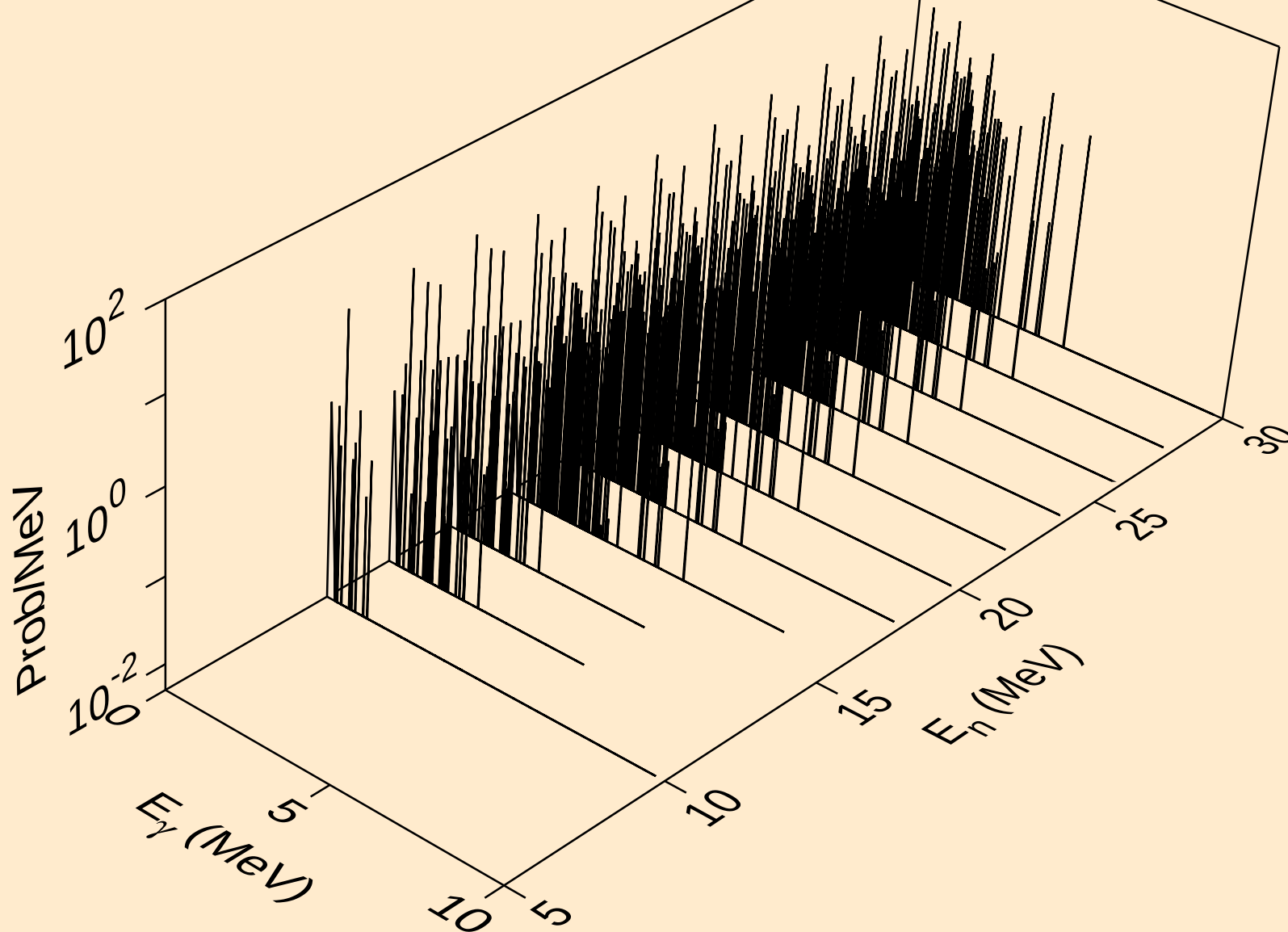
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



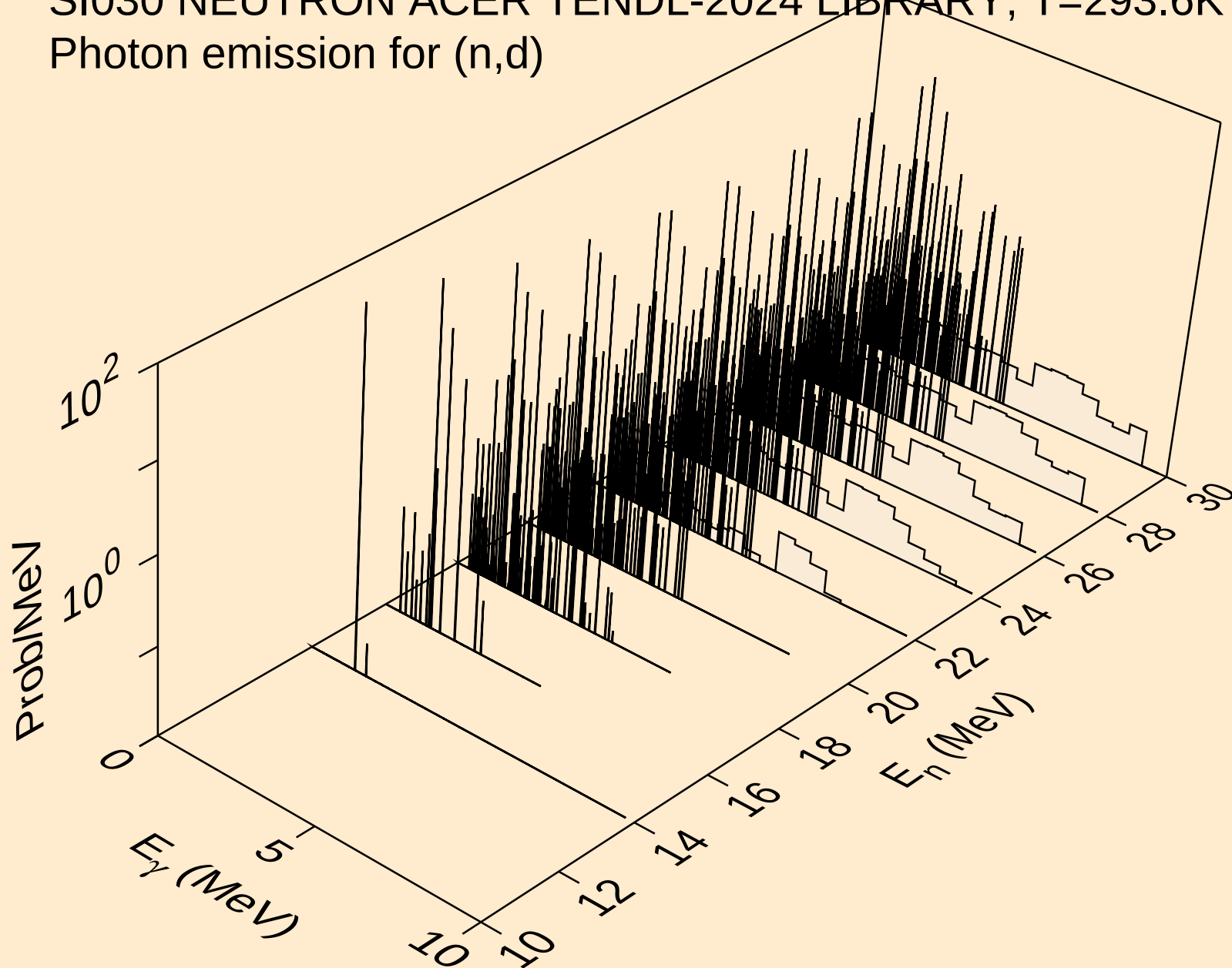
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



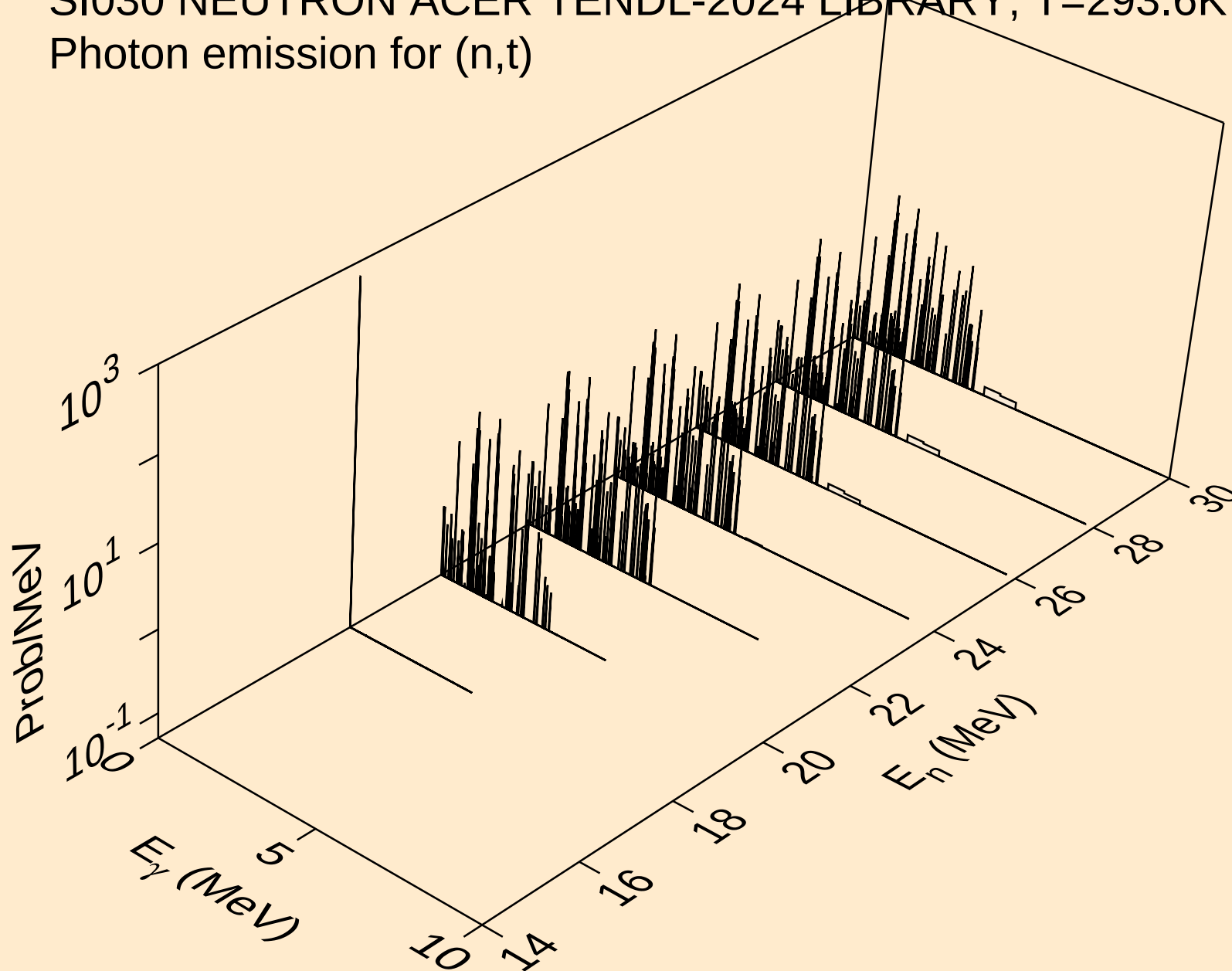
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



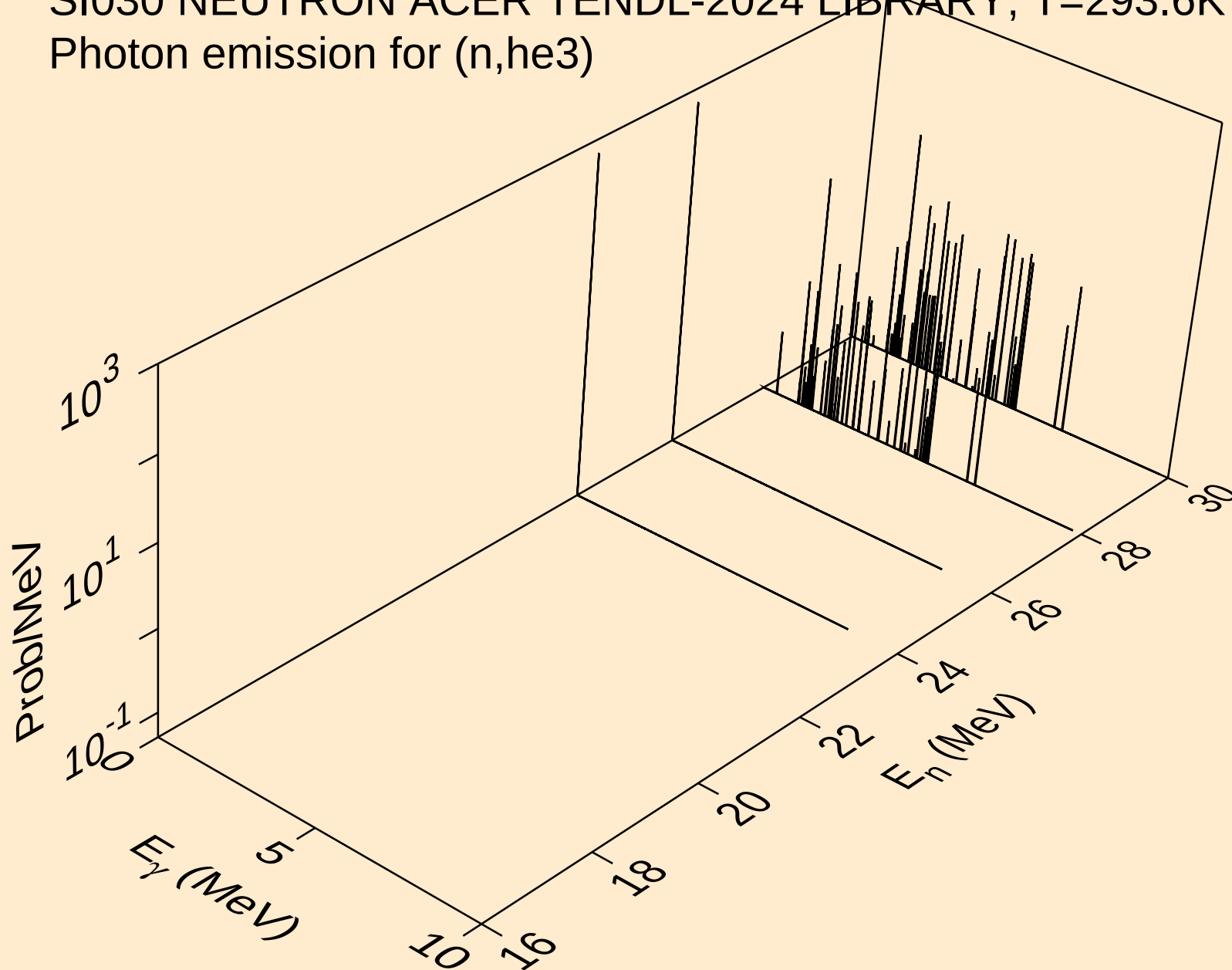
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



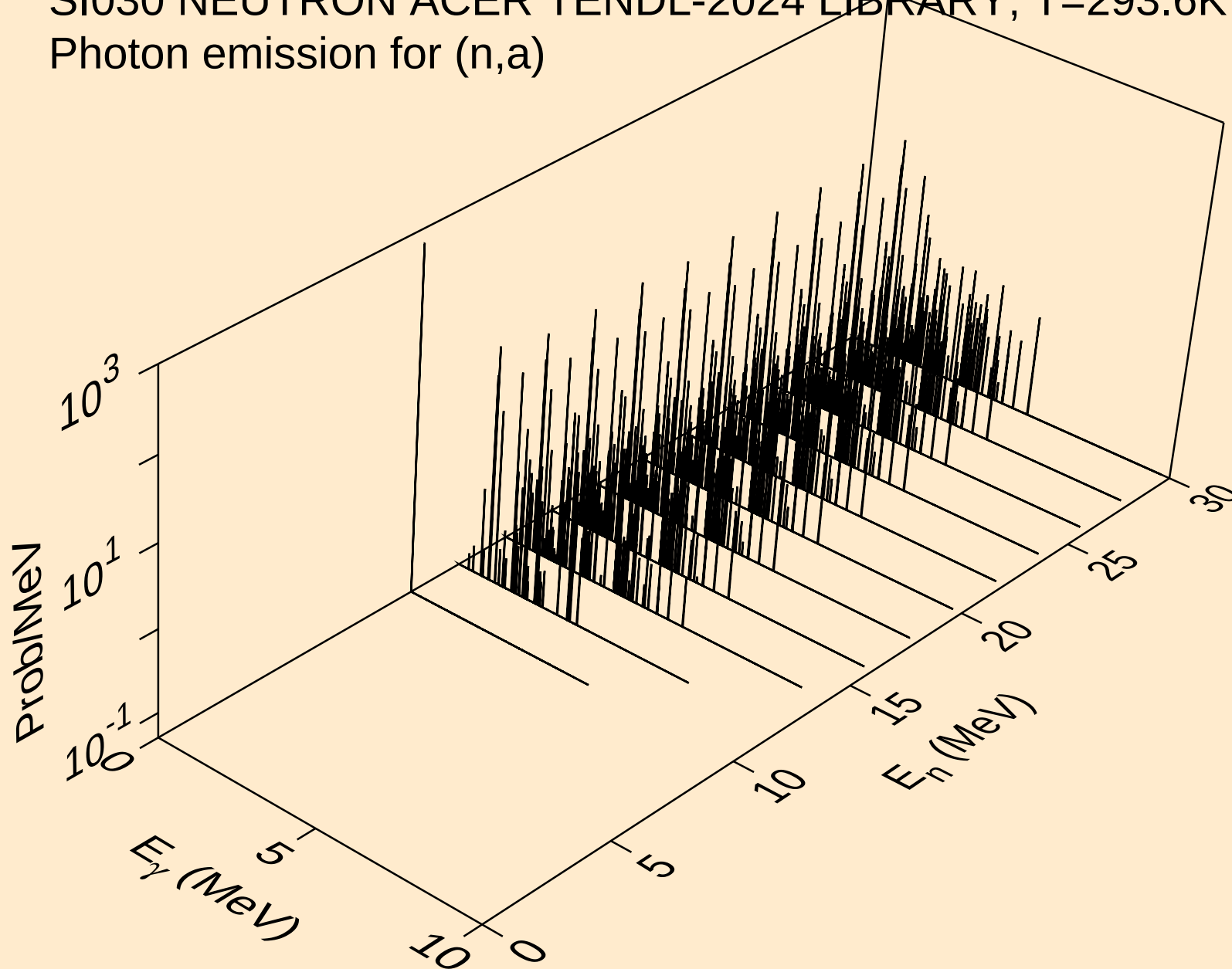
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



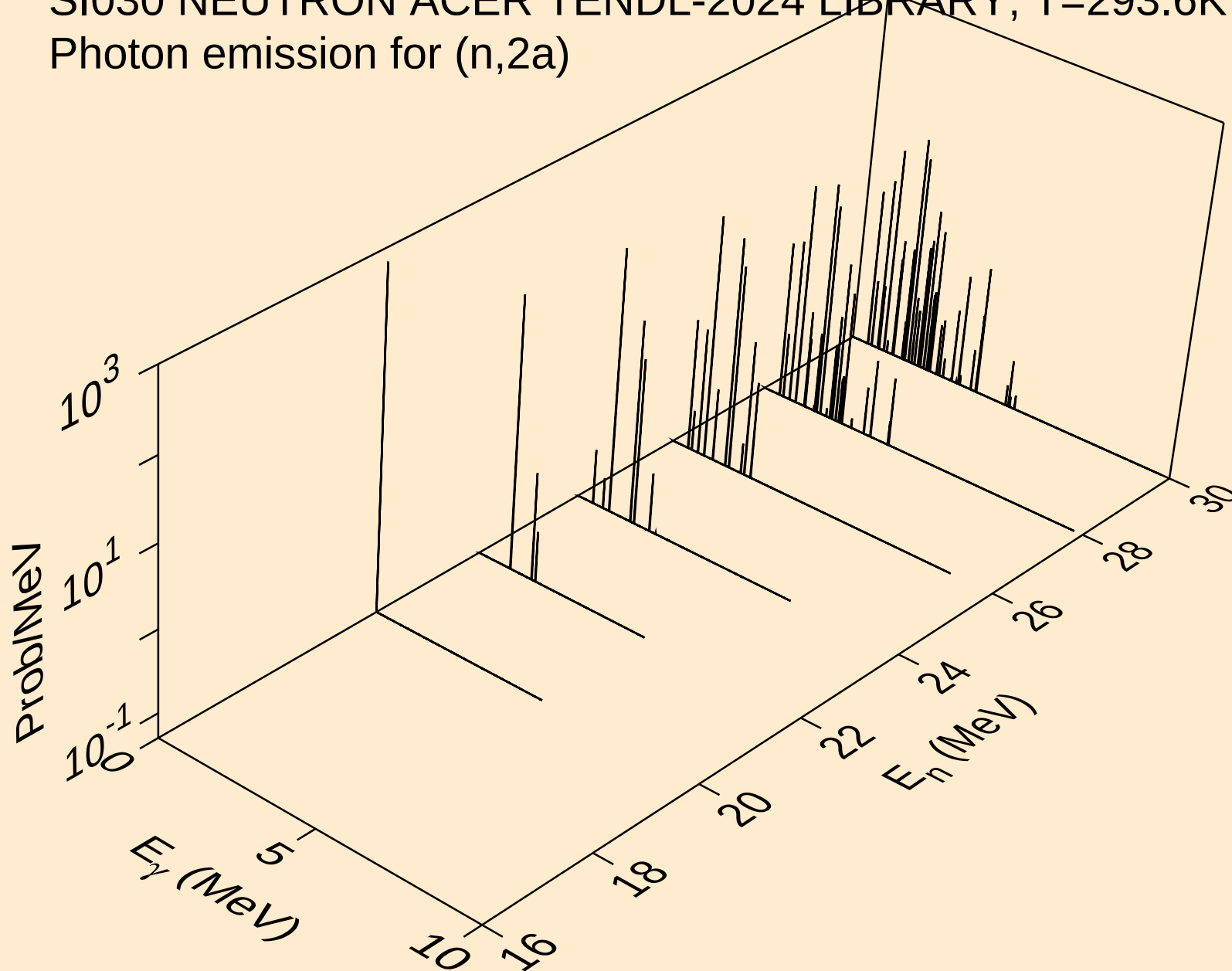
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Photon emission for (n,he3)



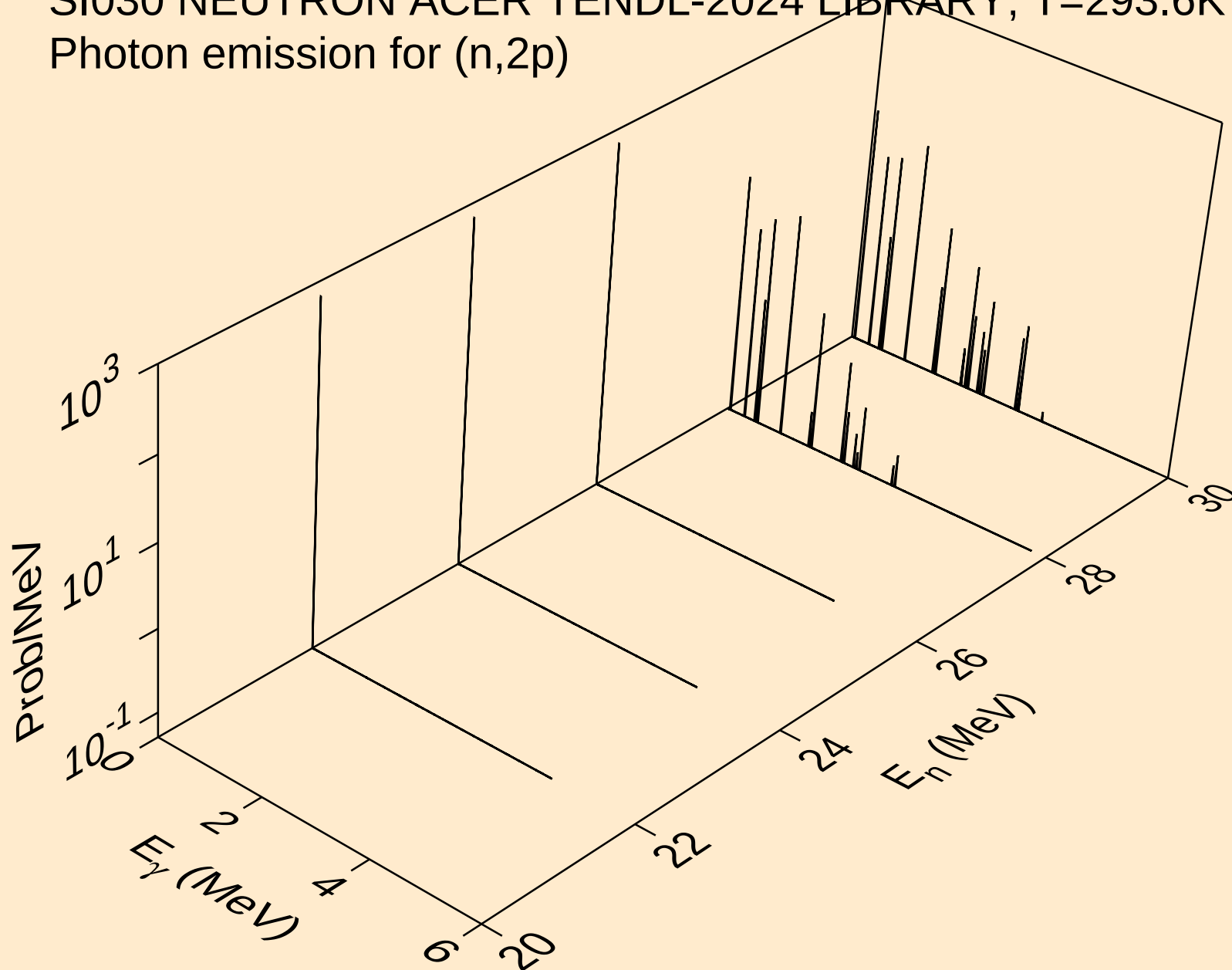
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Photon emission for (n,a)



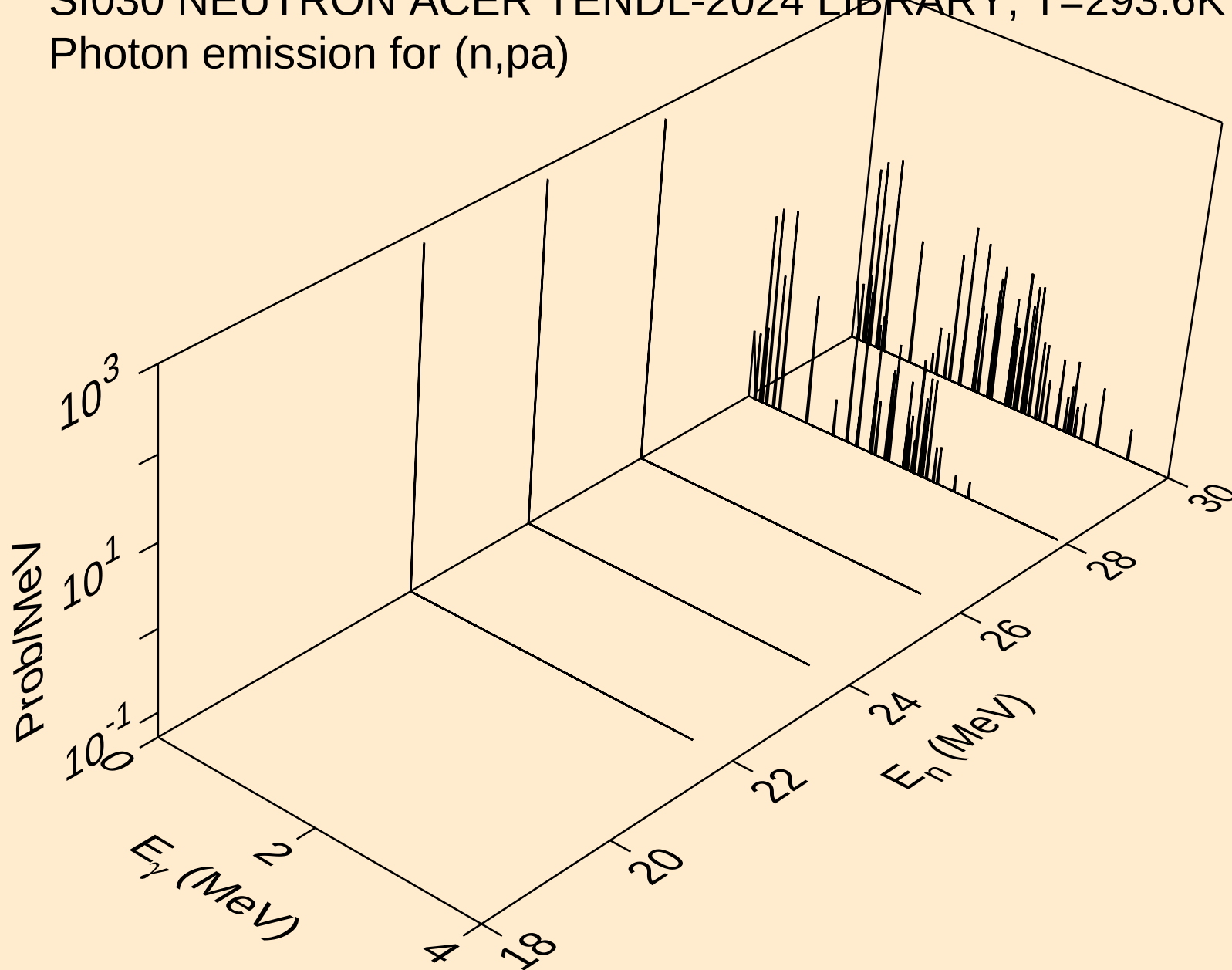
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



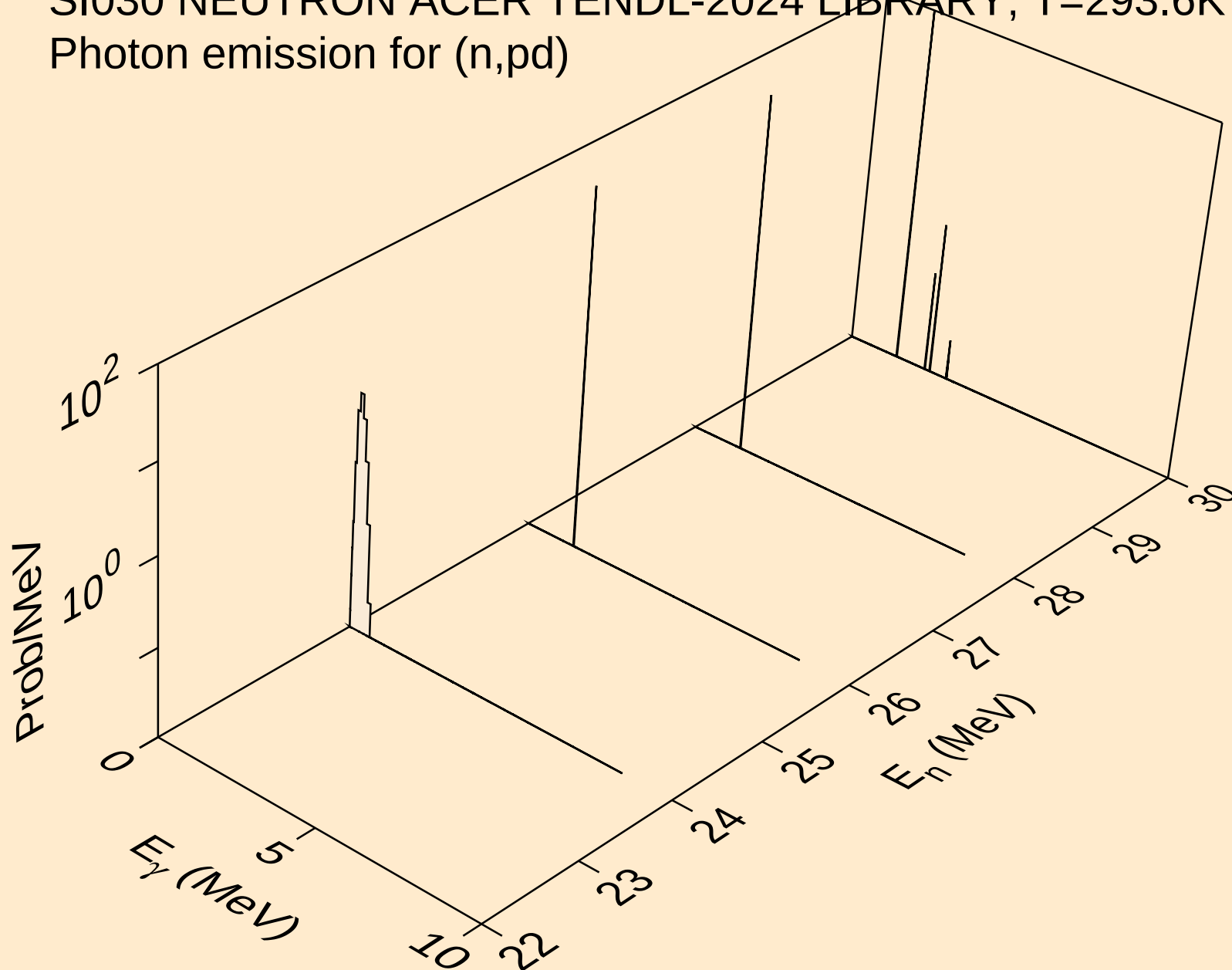
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Photon emission for (n,2p)



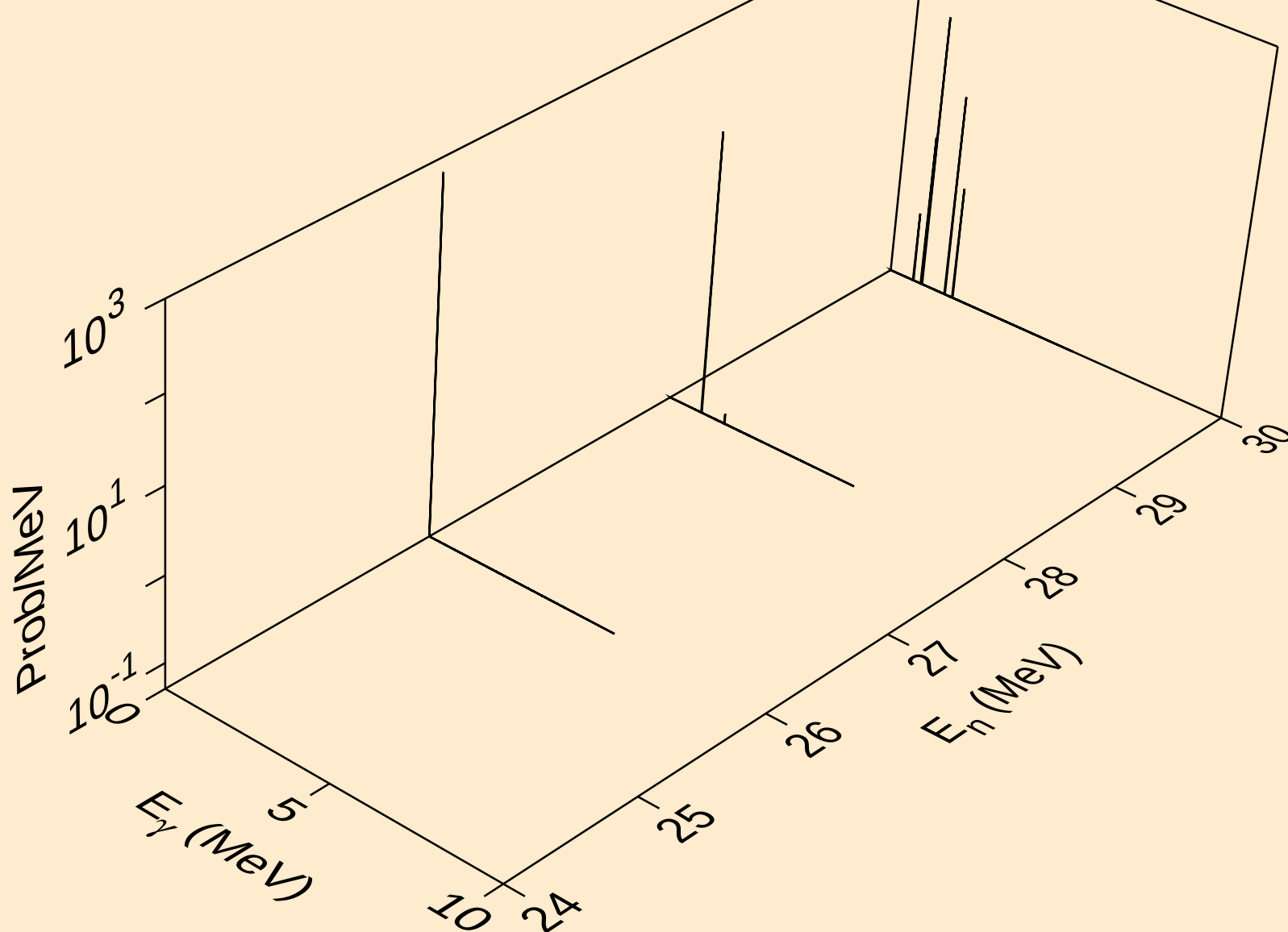
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Photon emission for (n,p α)



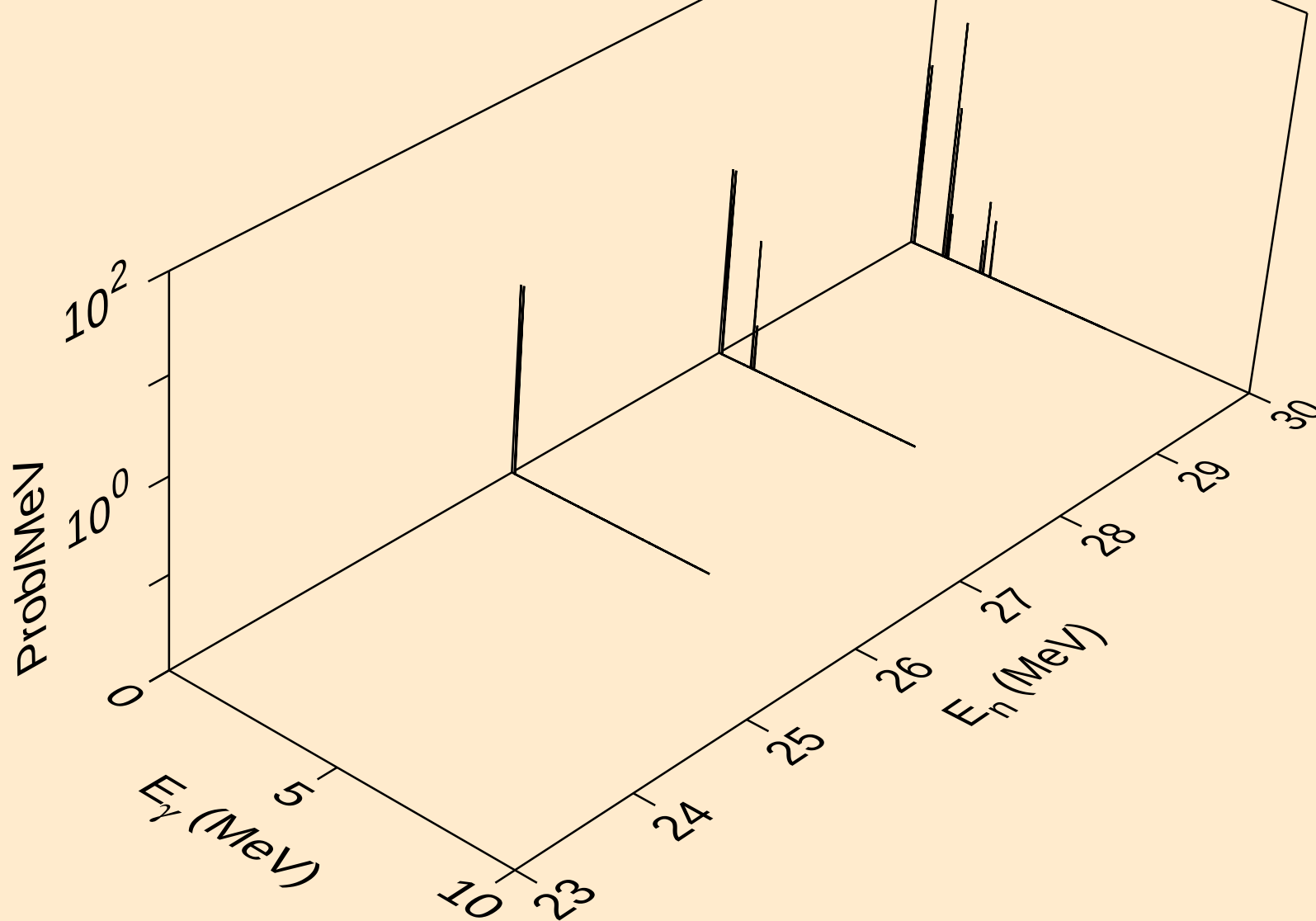
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



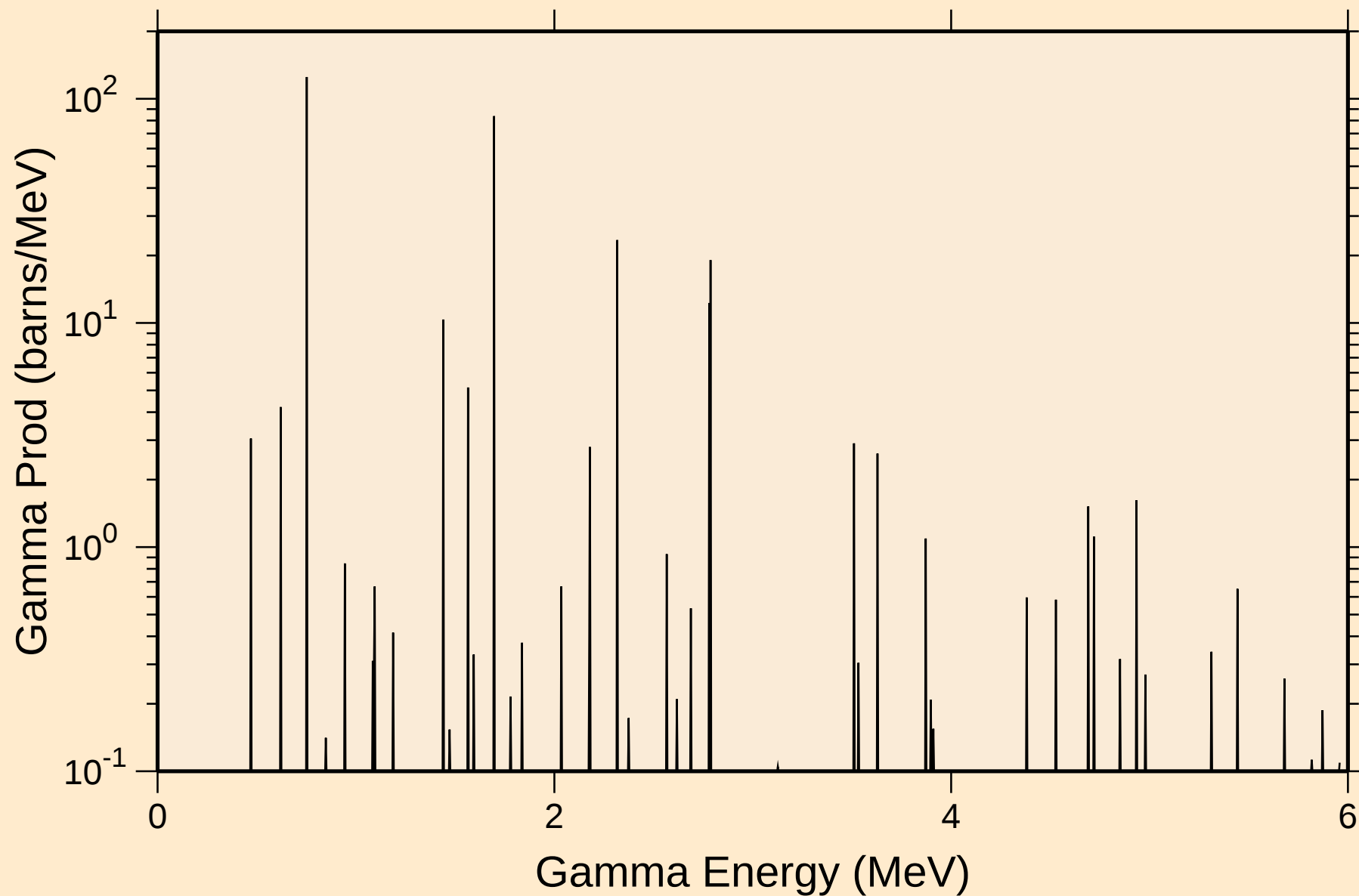
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Photon emission for (n,pt)



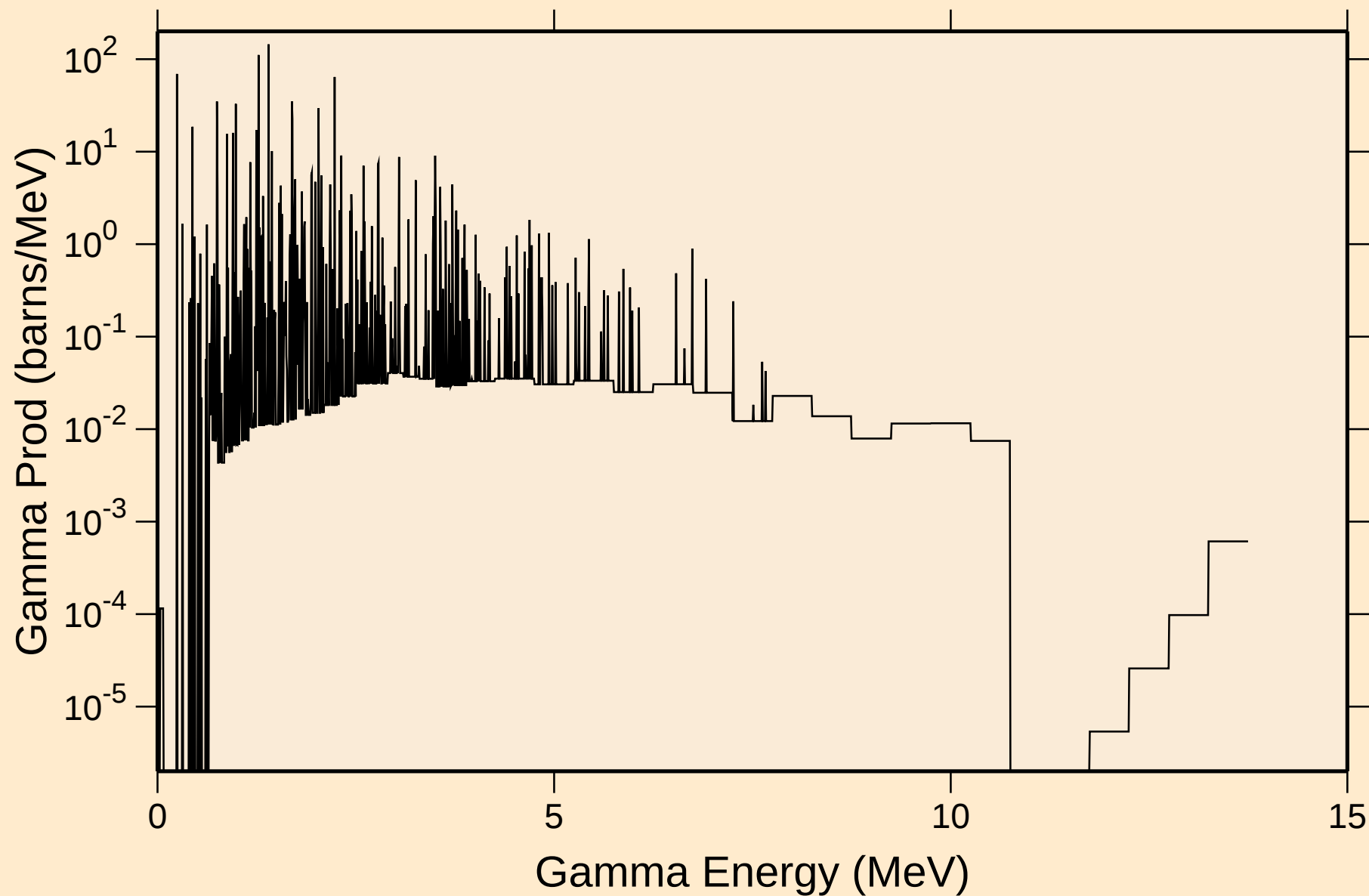
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



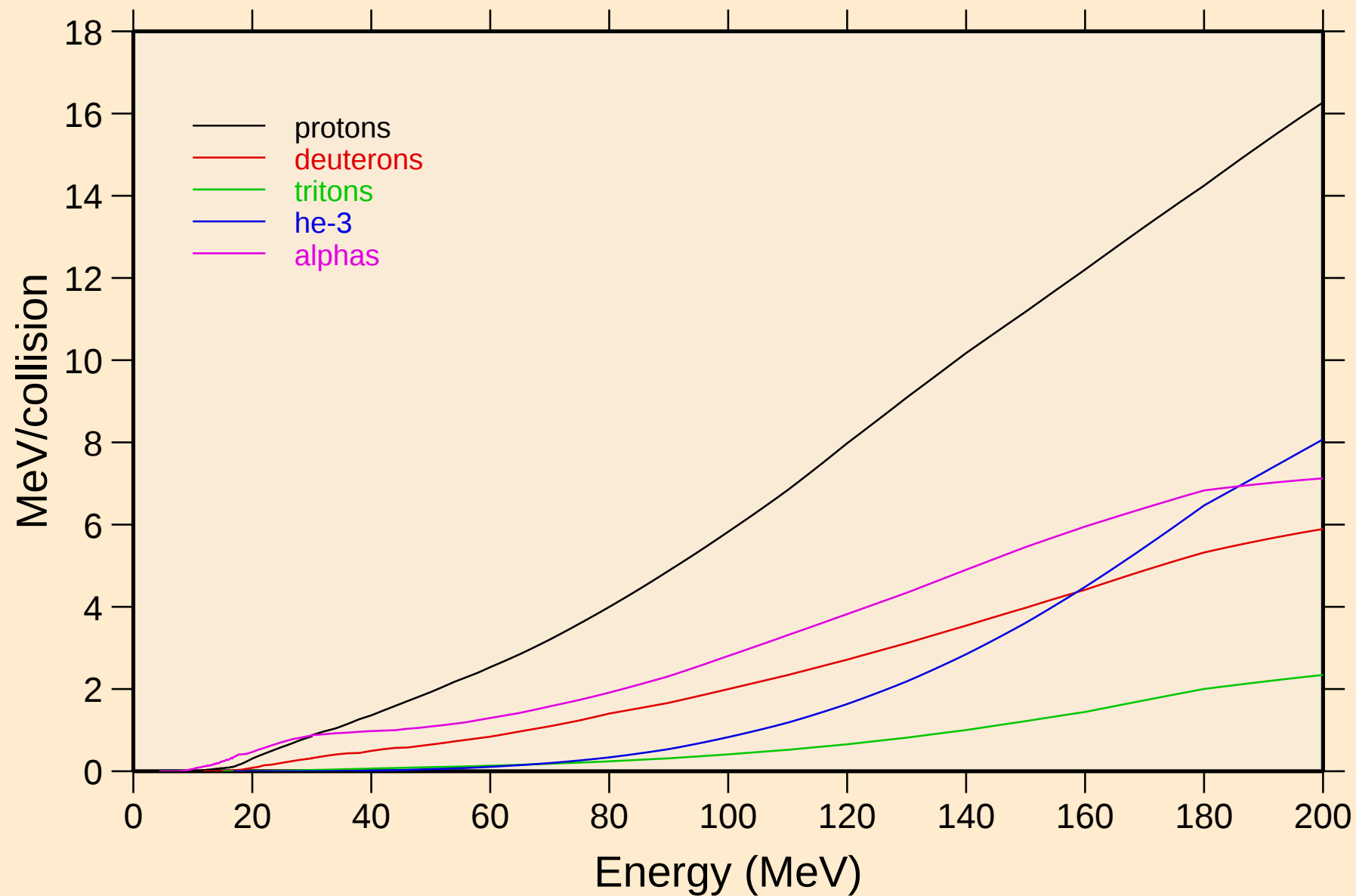
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



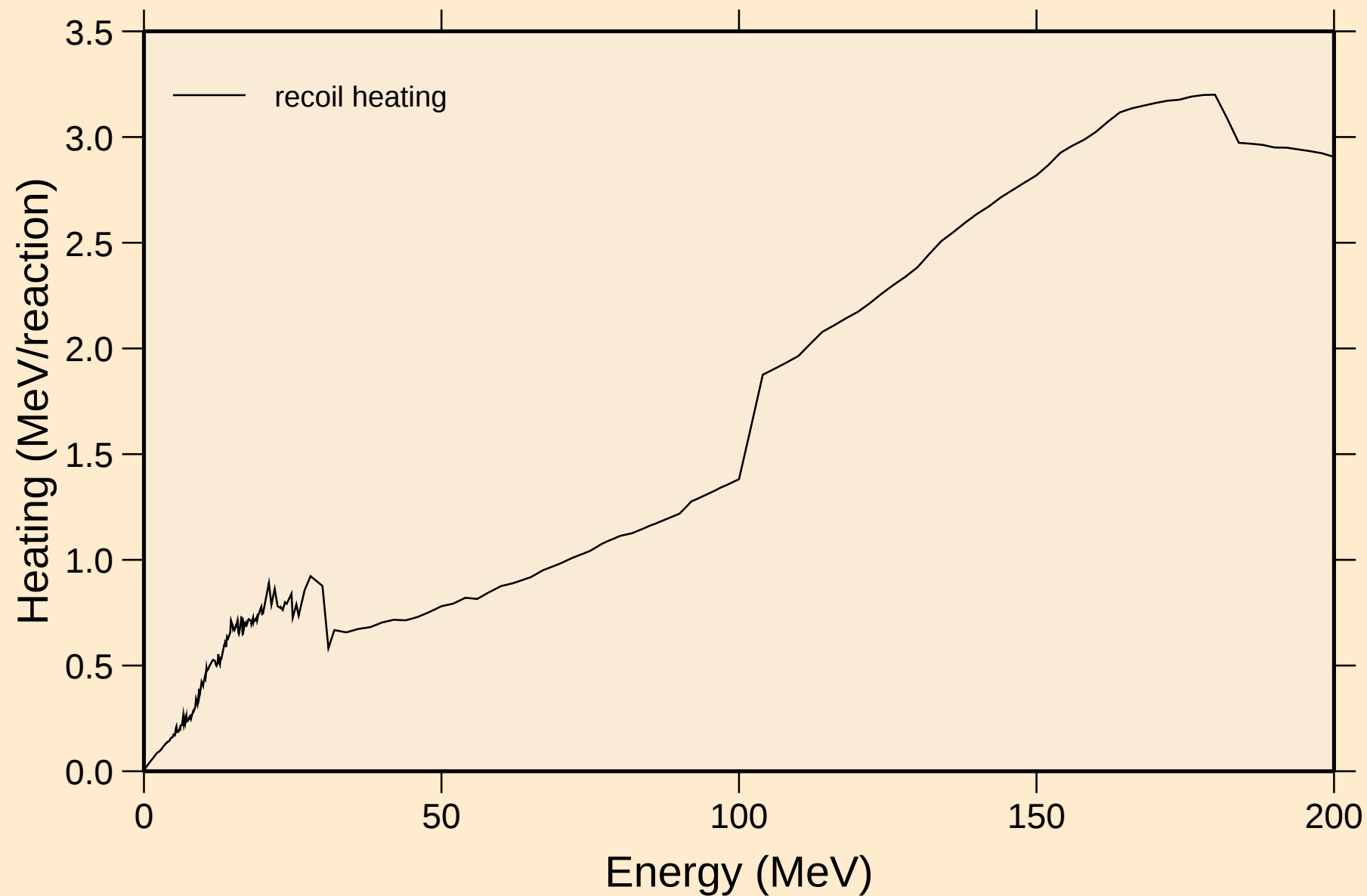
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions

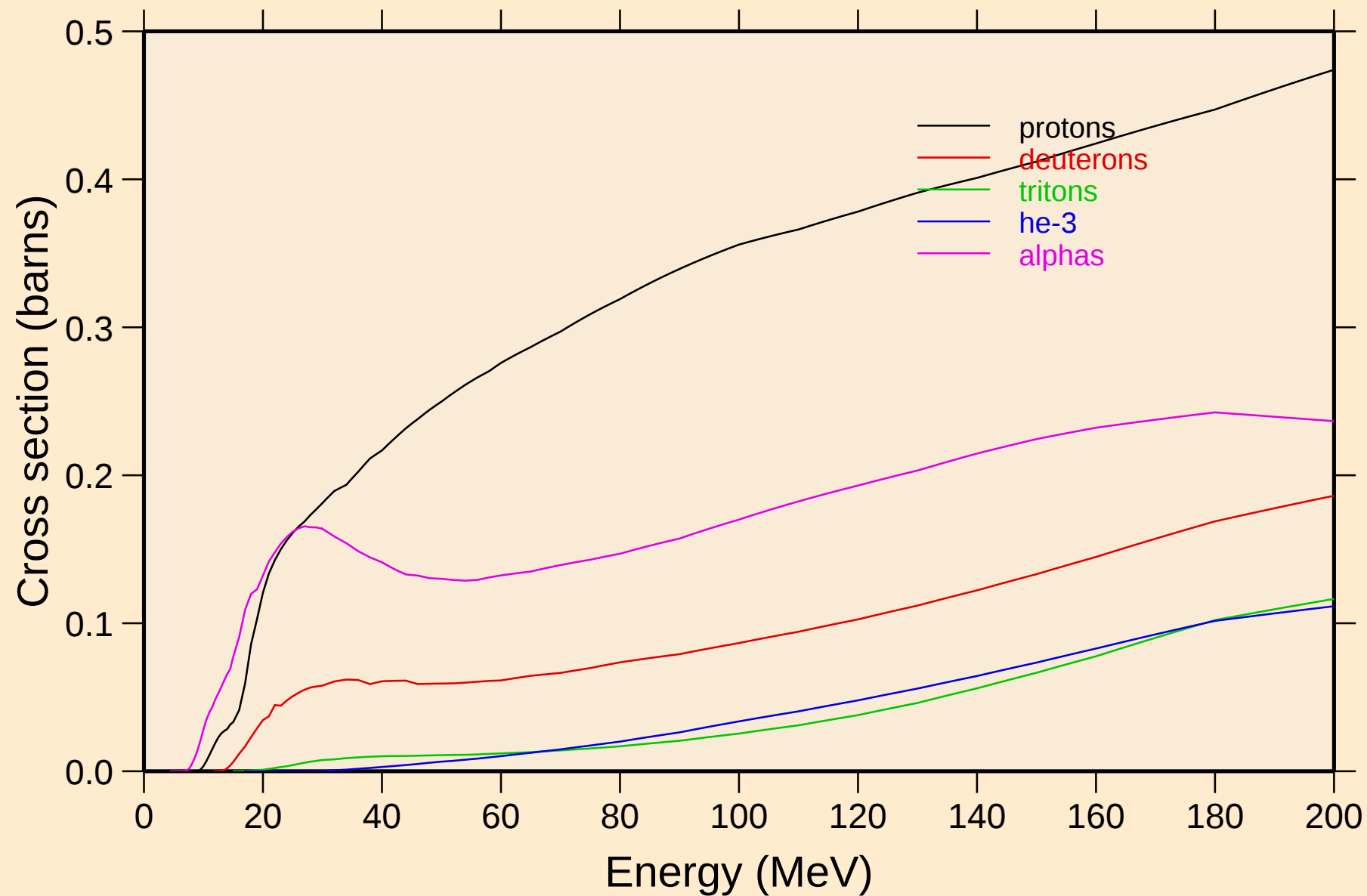


SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating

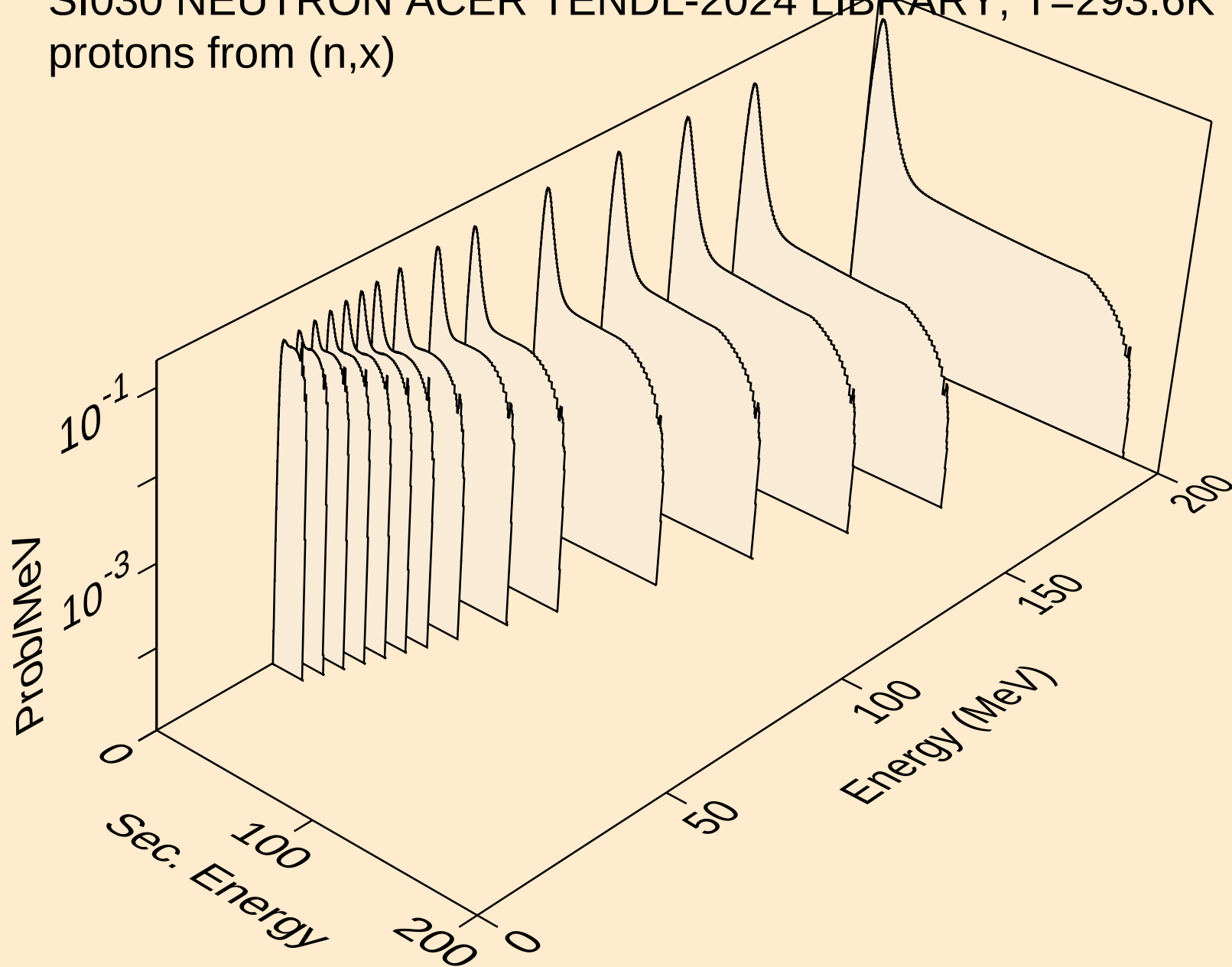


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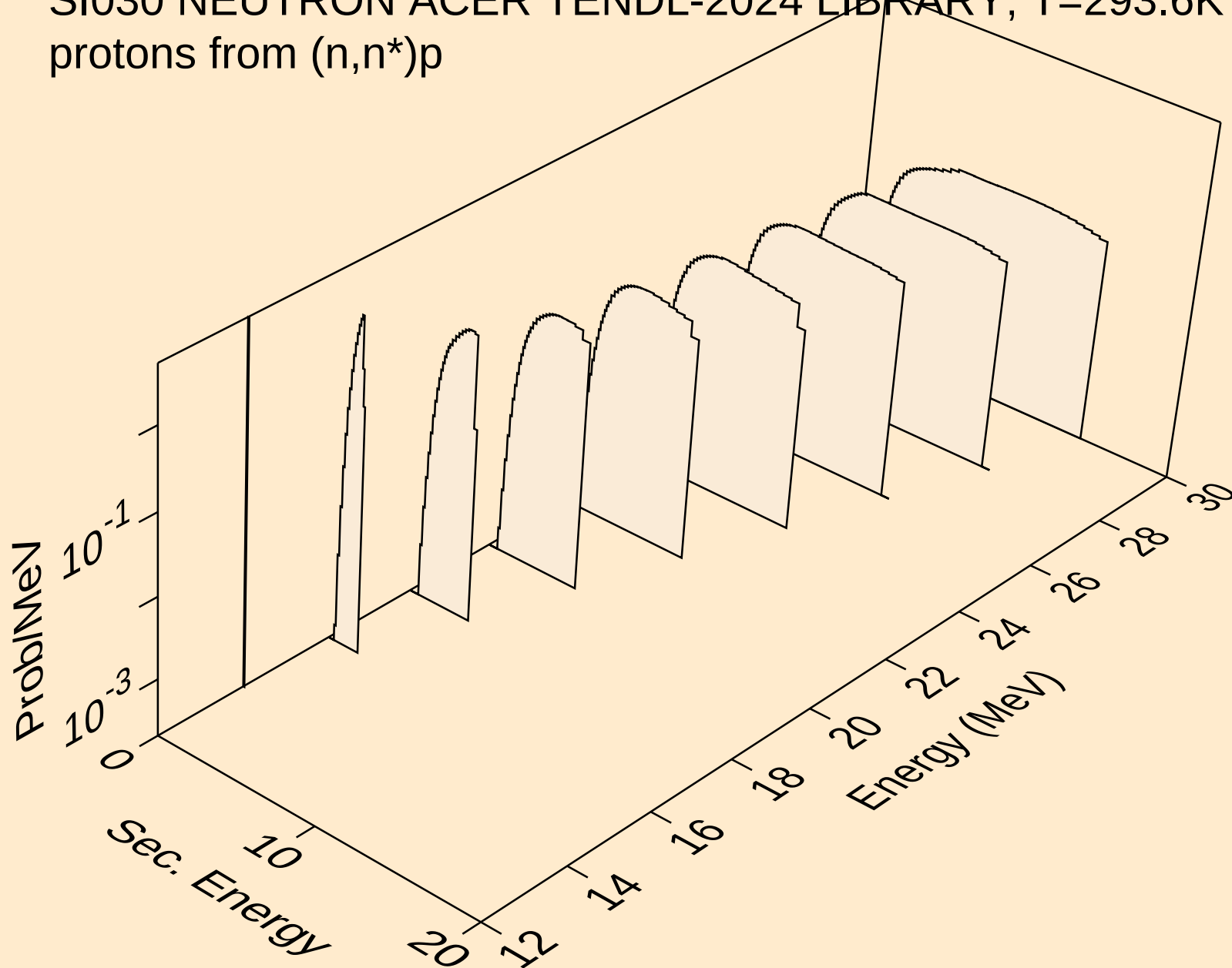
Particle production cross sections



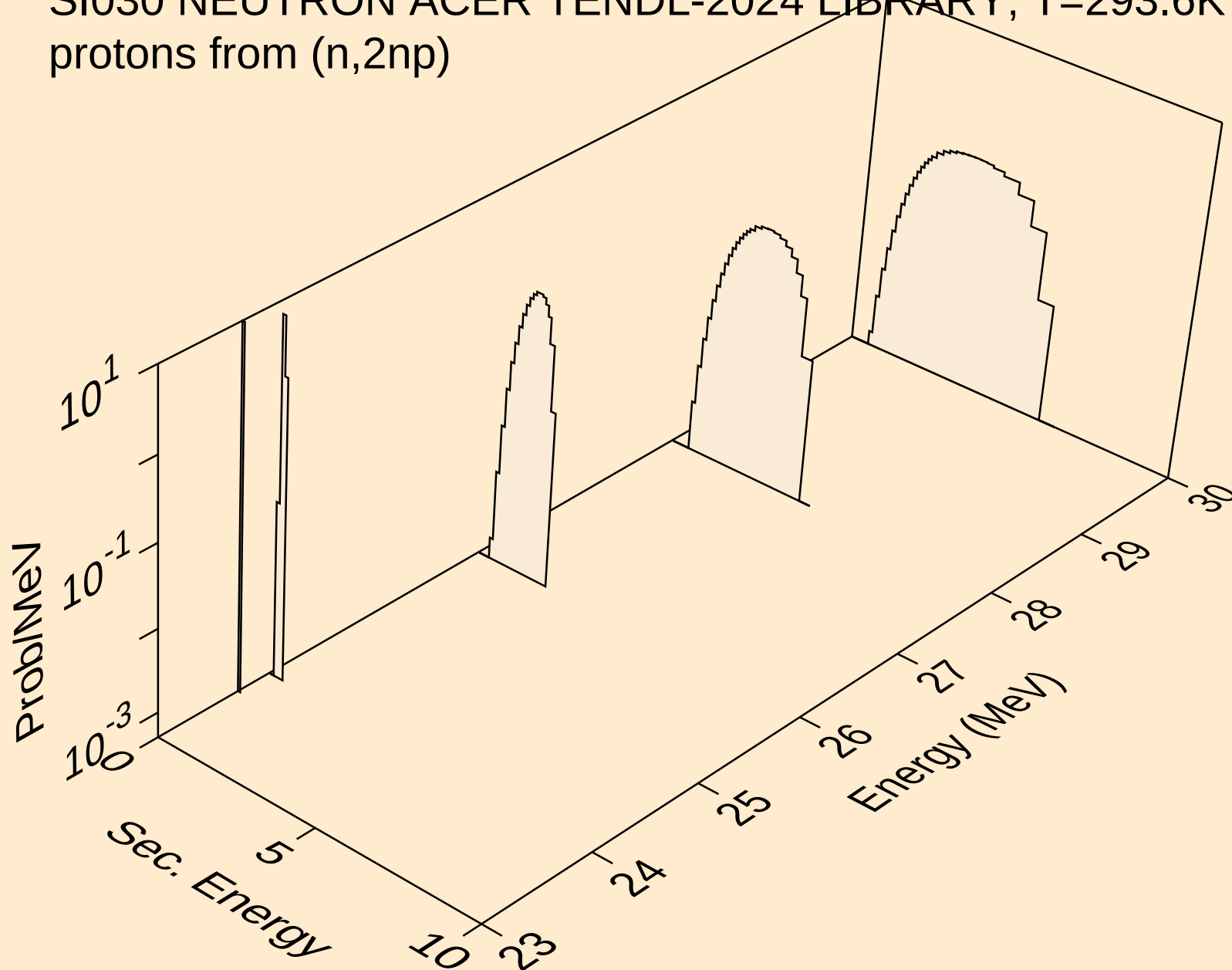
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



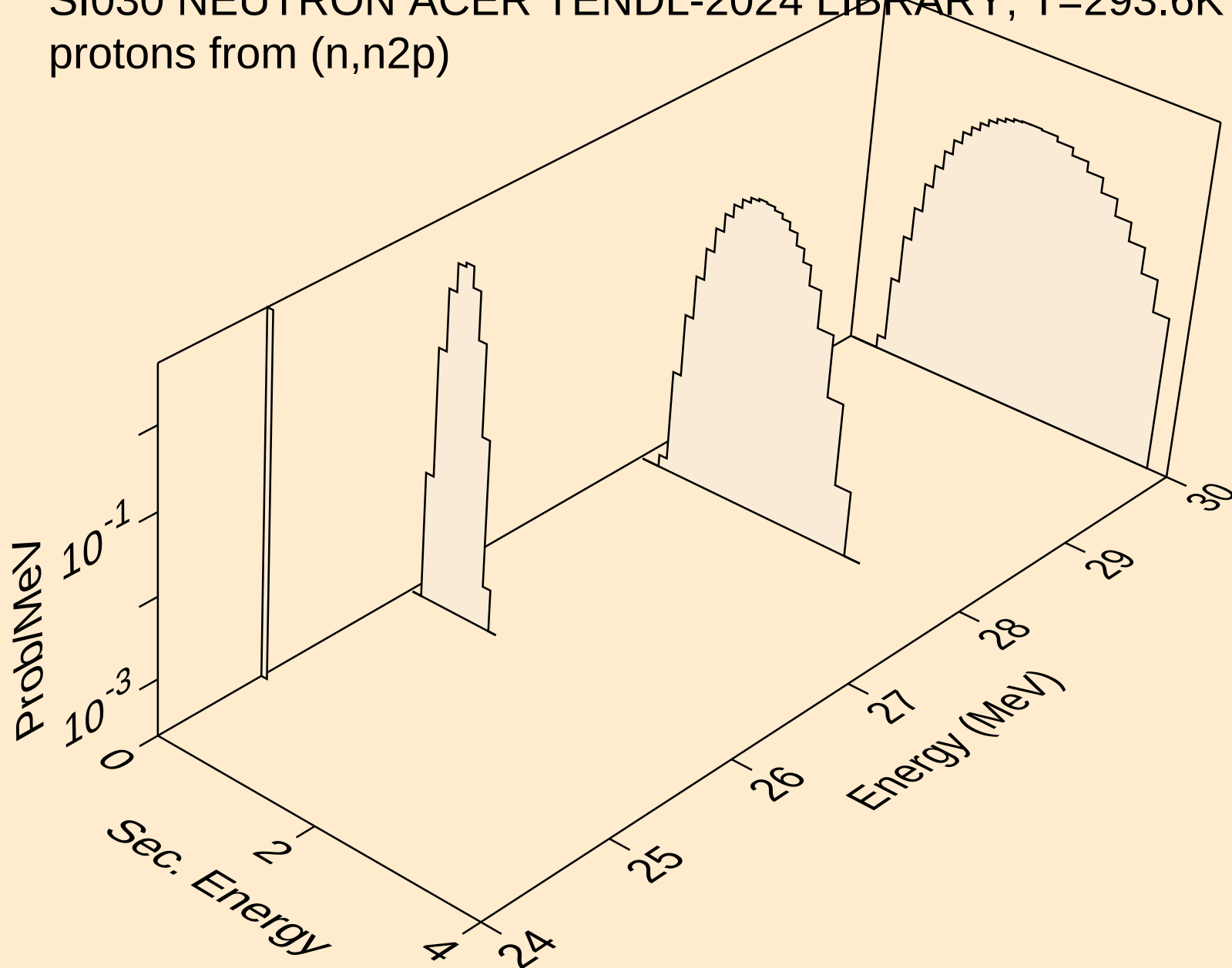
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



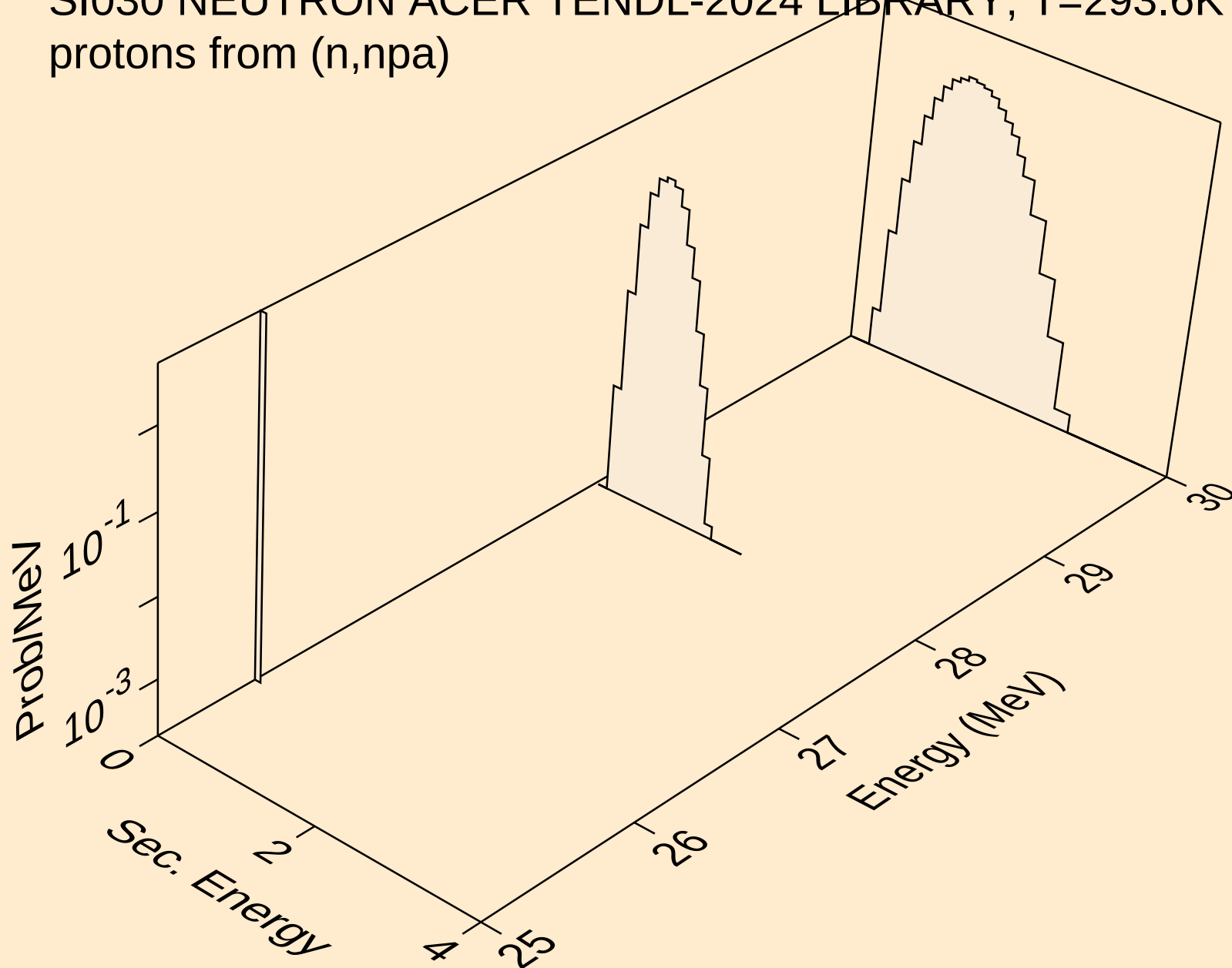
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protons from (n,2np)



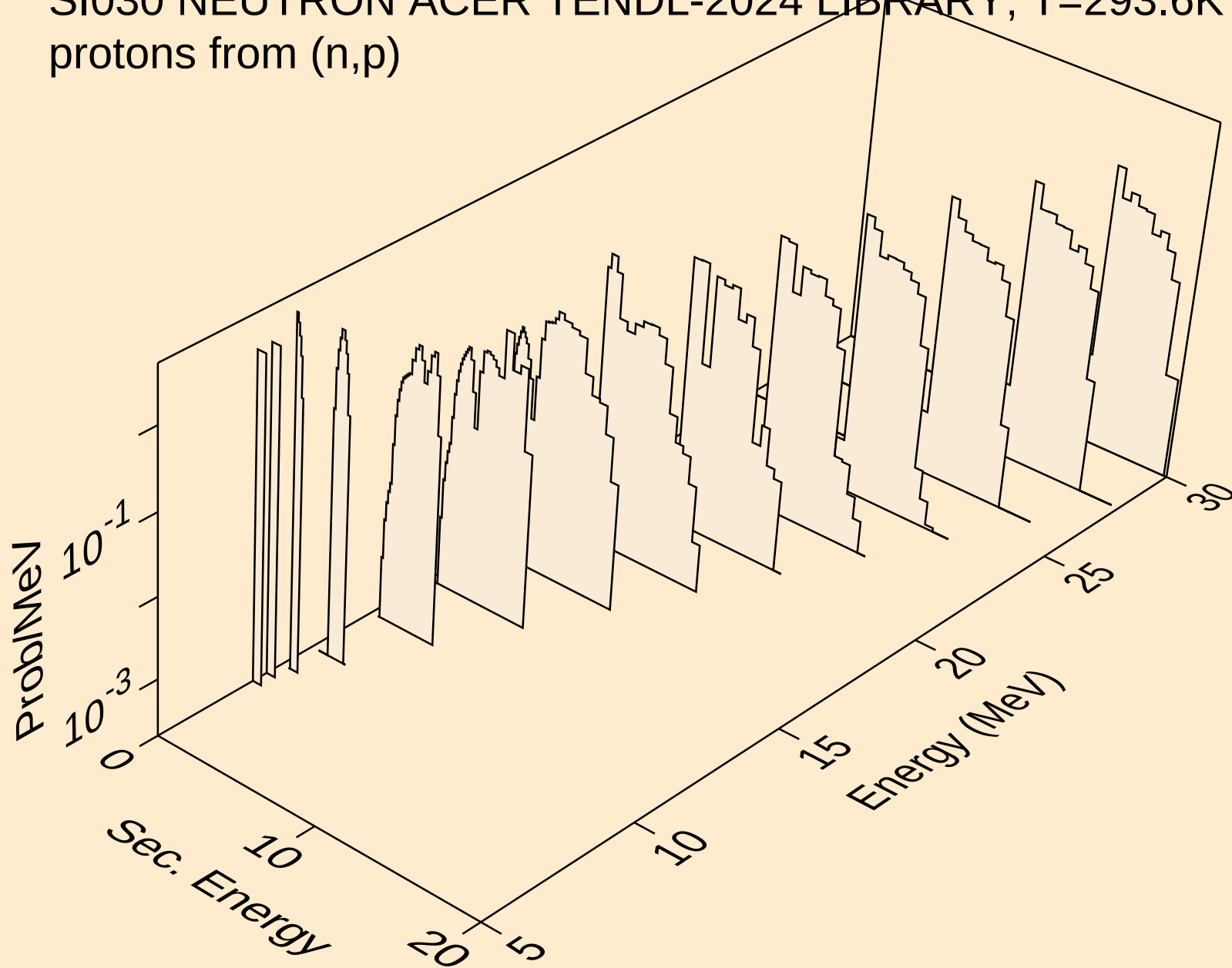
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protons from (n,n2p)



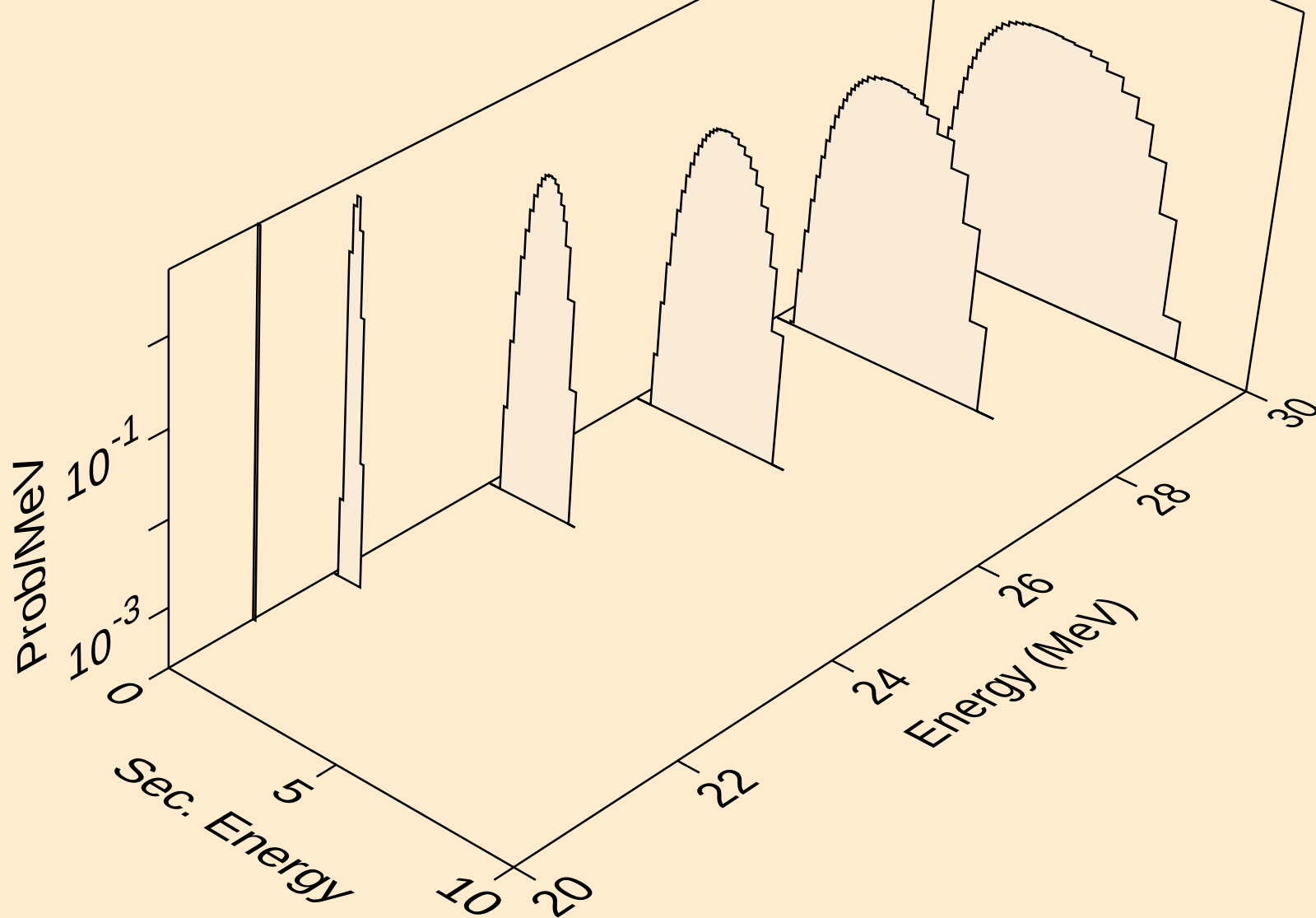
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protons from (n,npa)



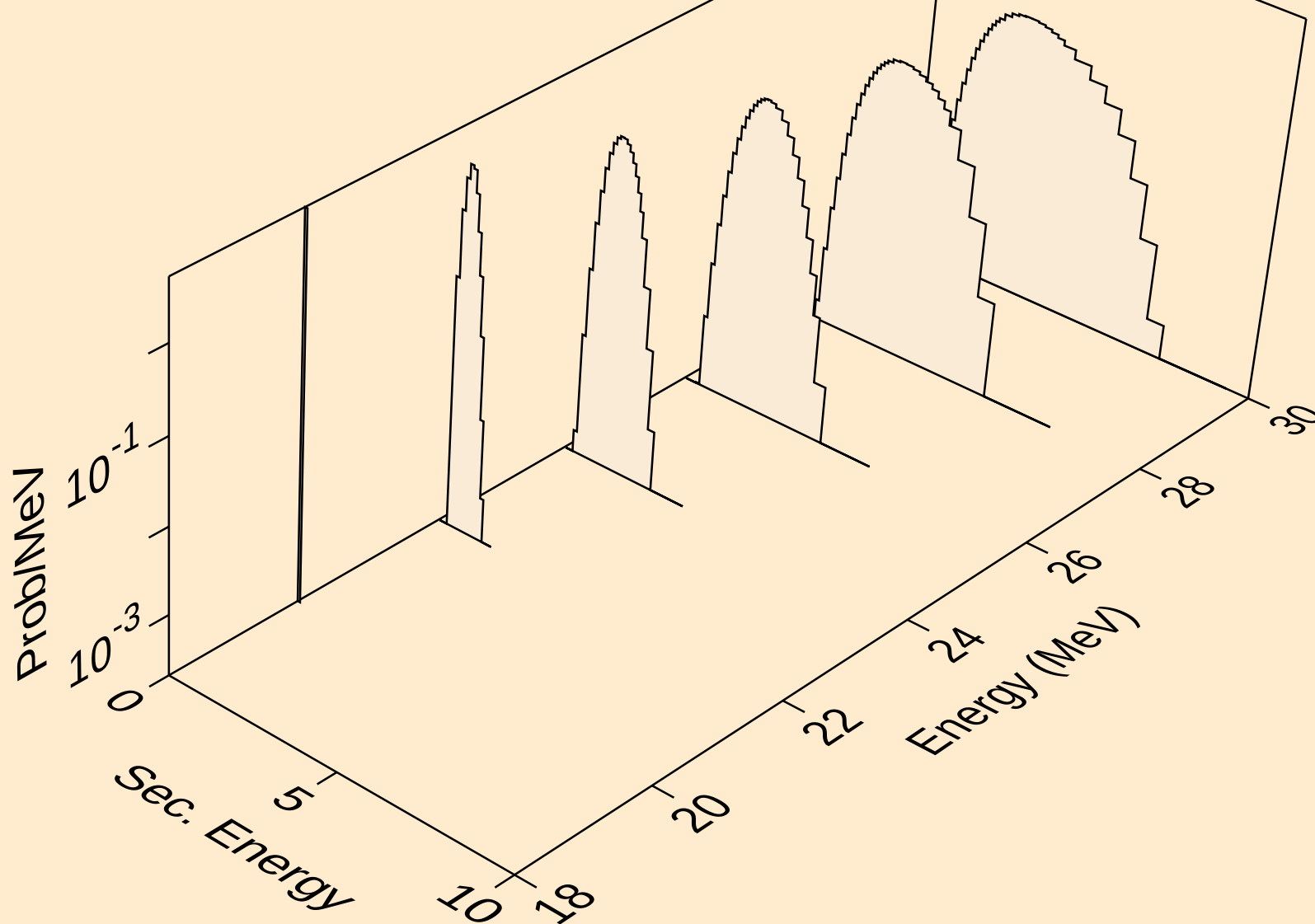
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protons from (n,p)



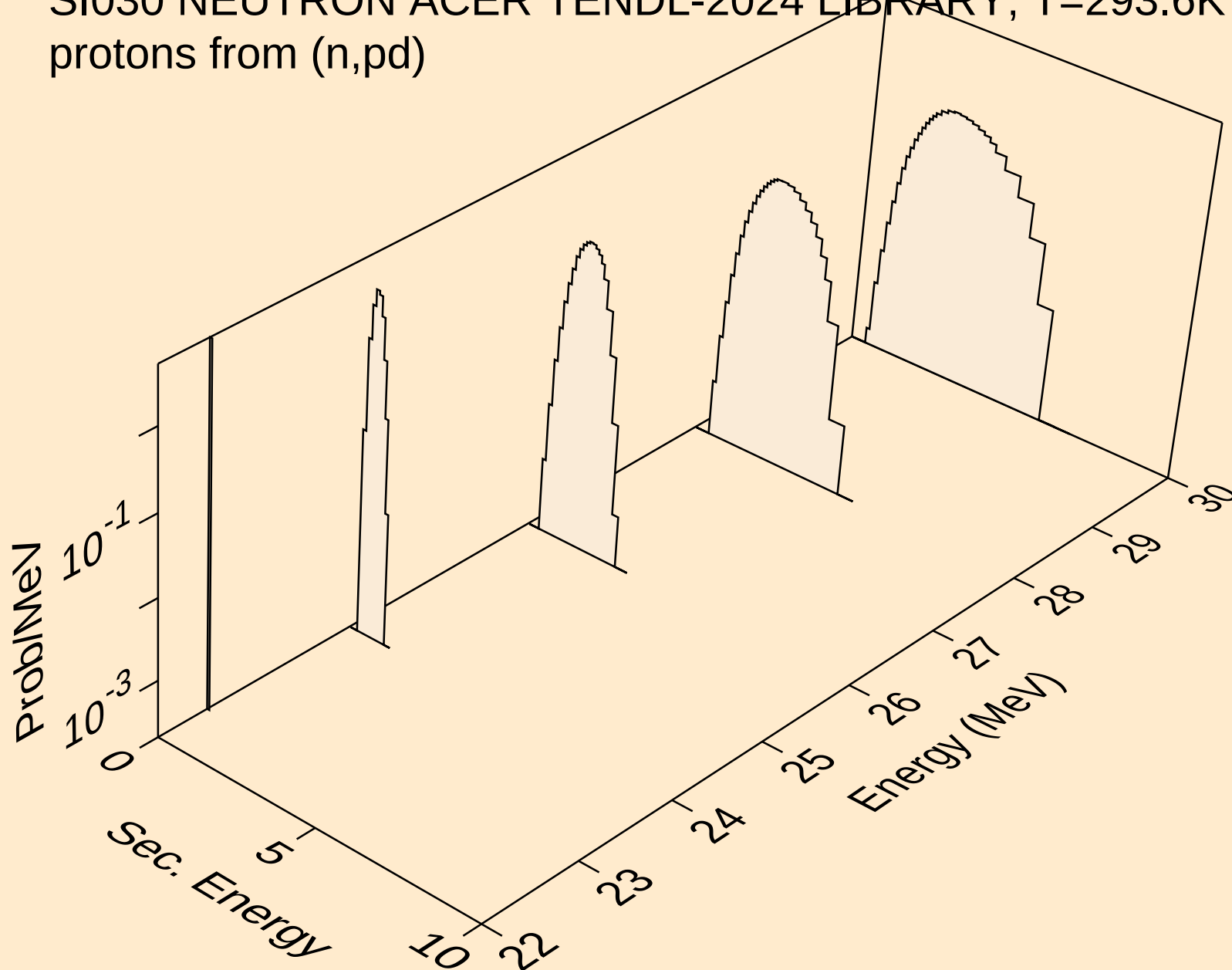
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protons from (n,2p)



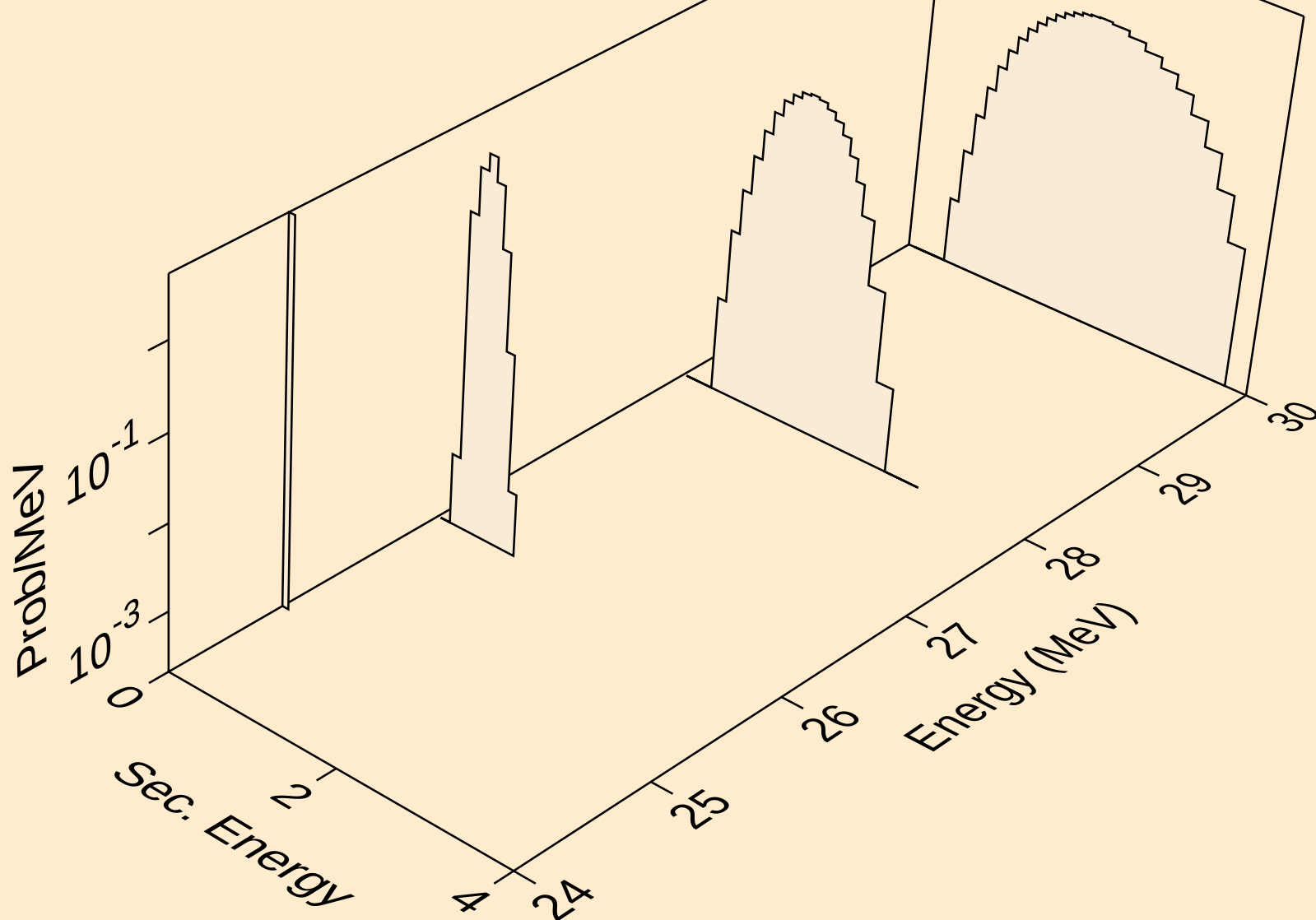
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protons from (n,p)



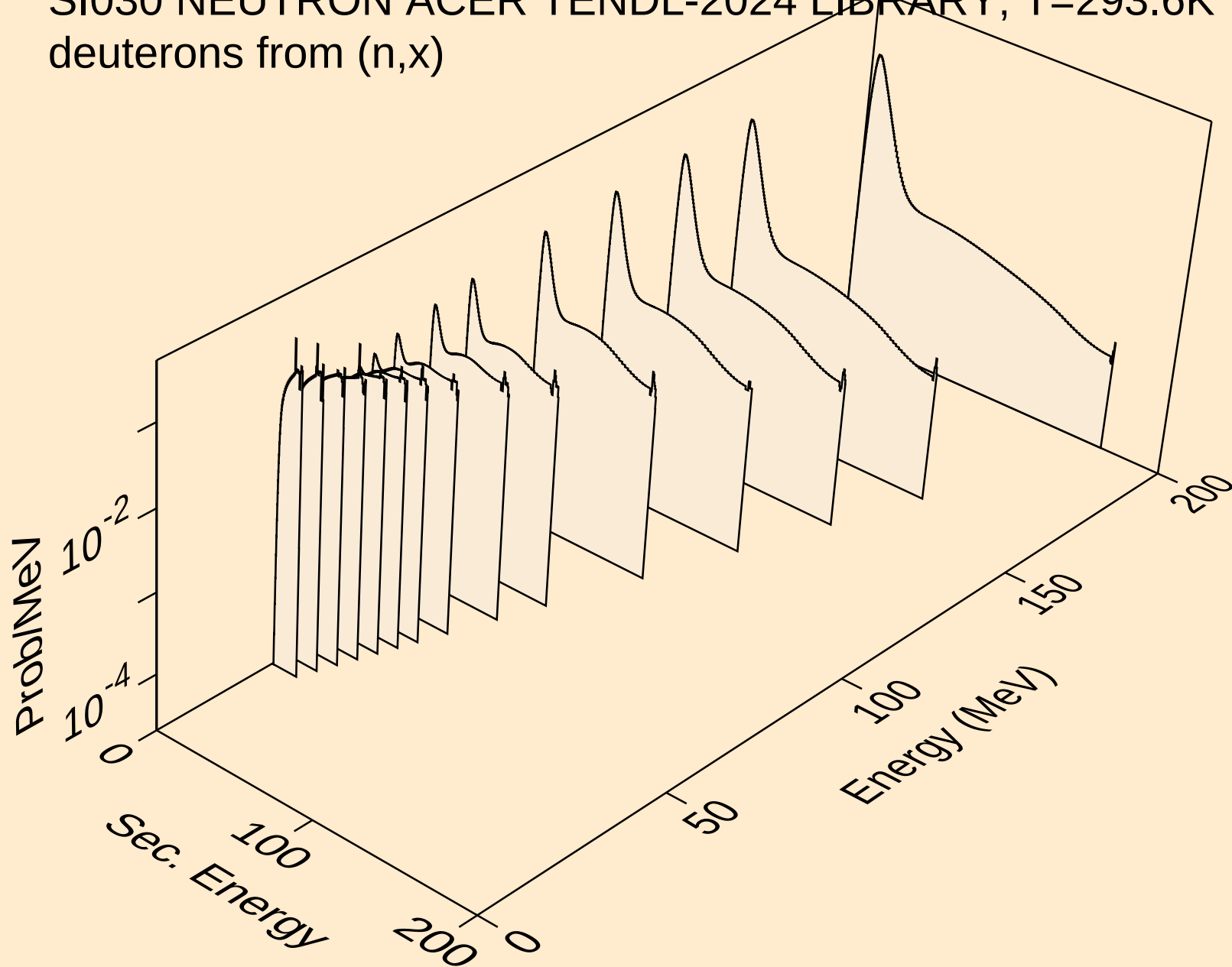
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protons from (n,pd)



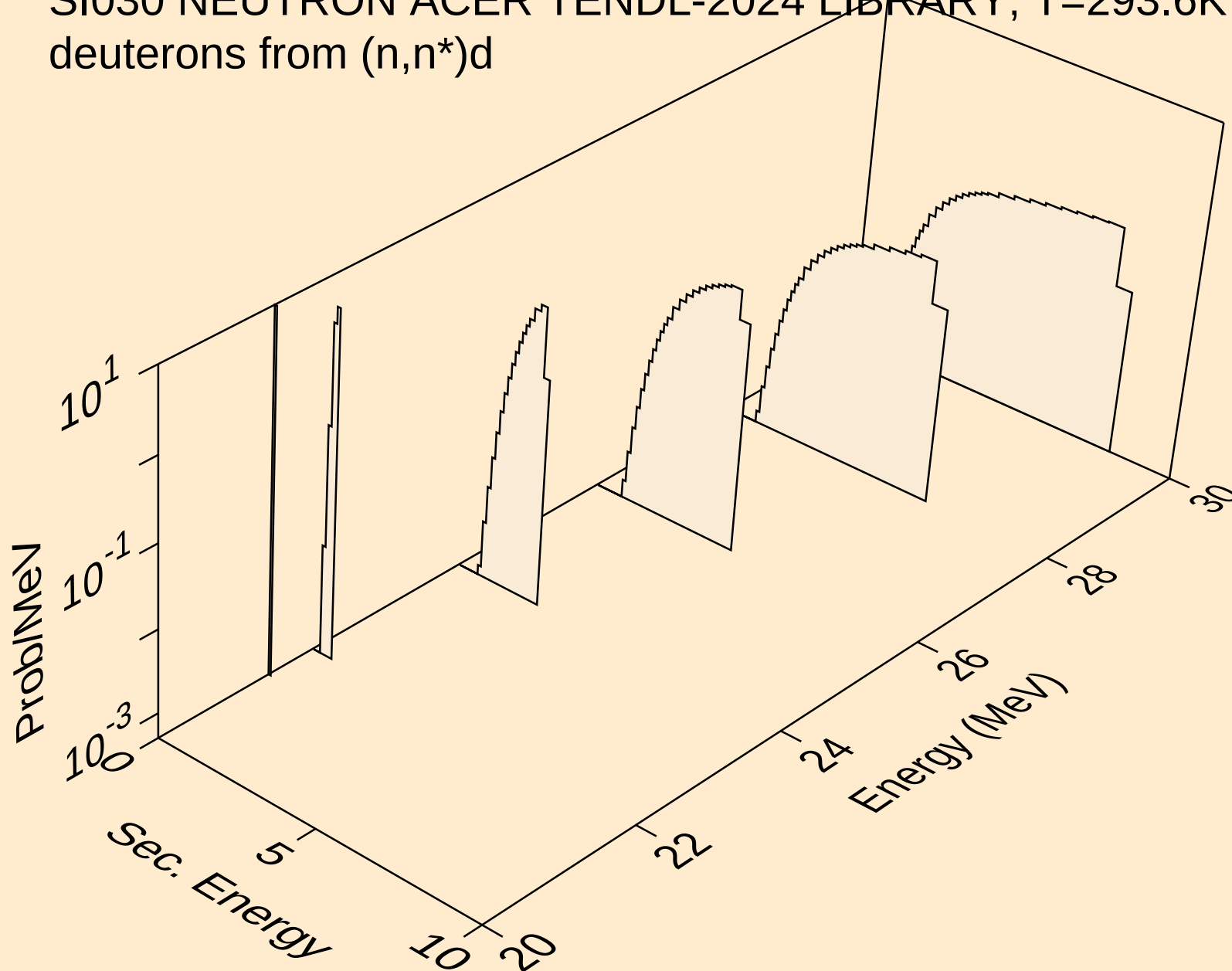
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protons from (n,pt)



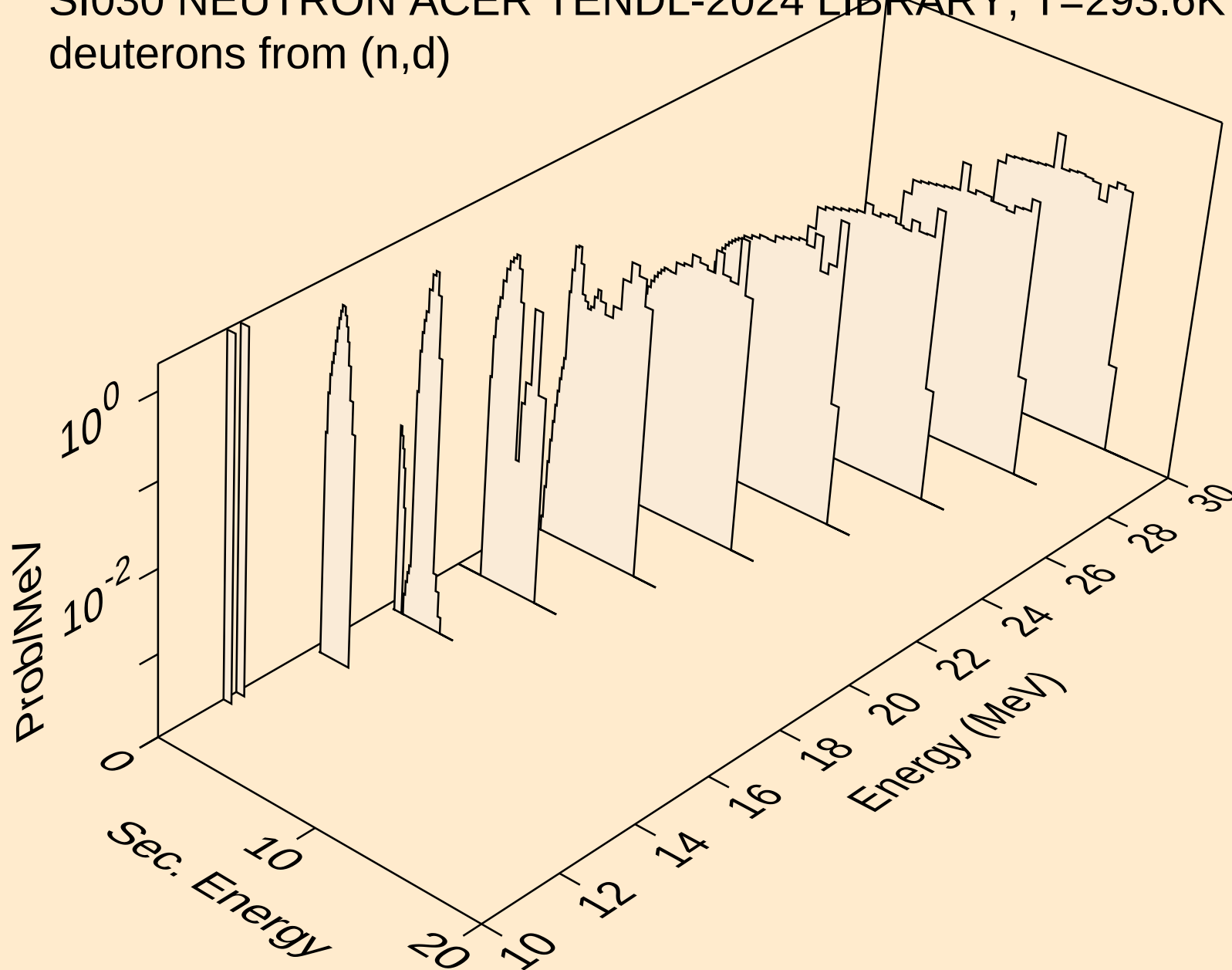
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



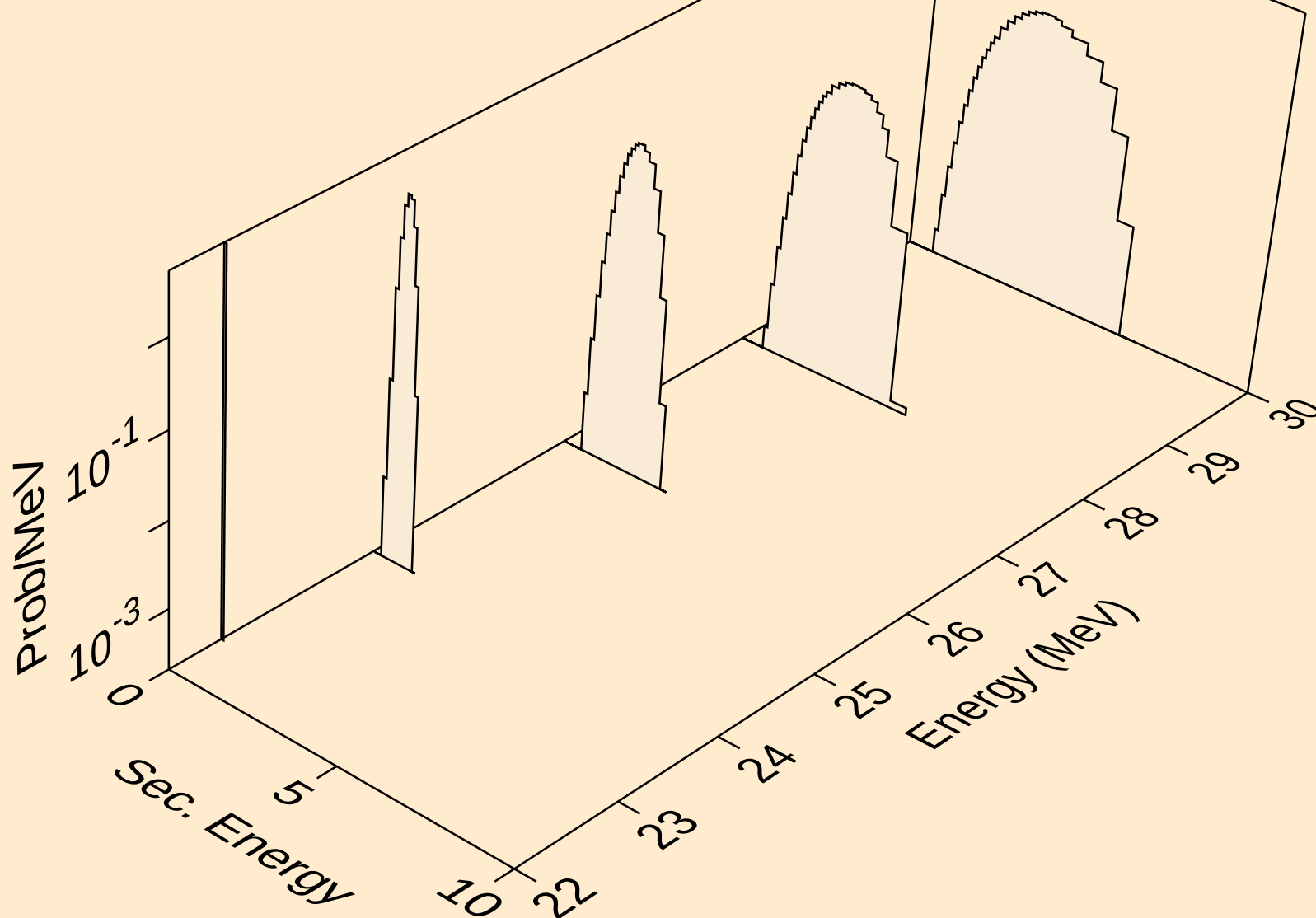
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



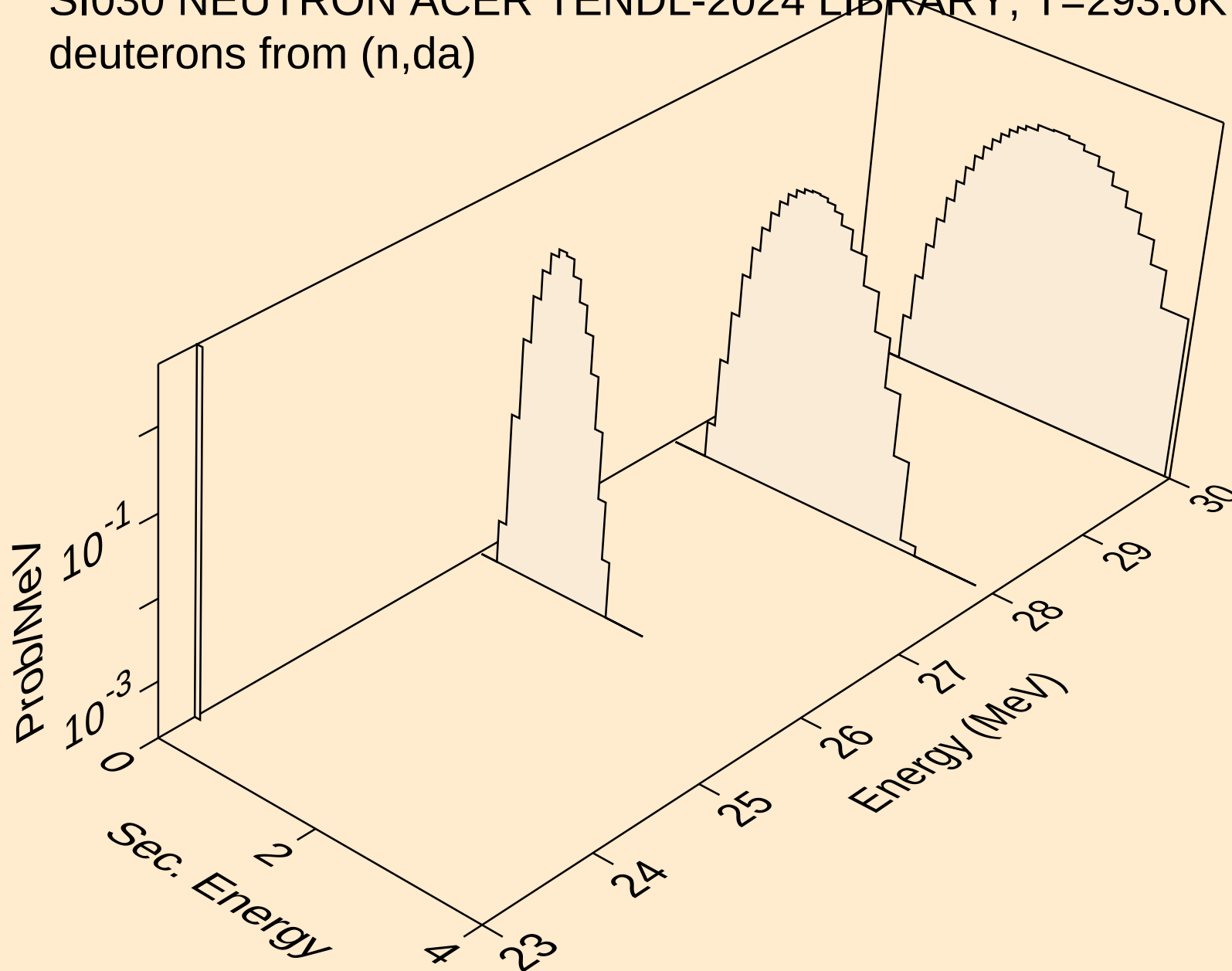
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deuterons from (n,d)



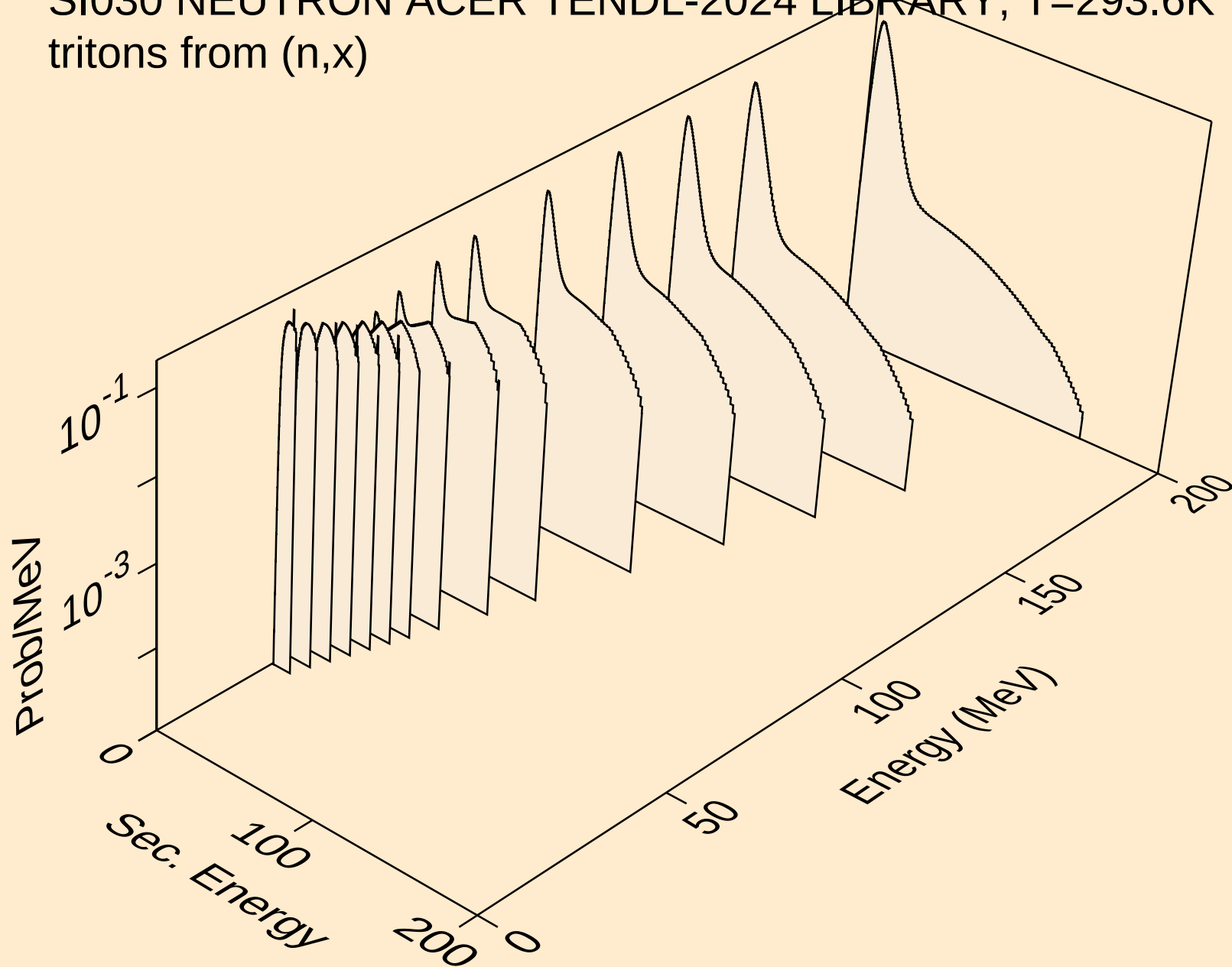
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deuterons from (n,pd)



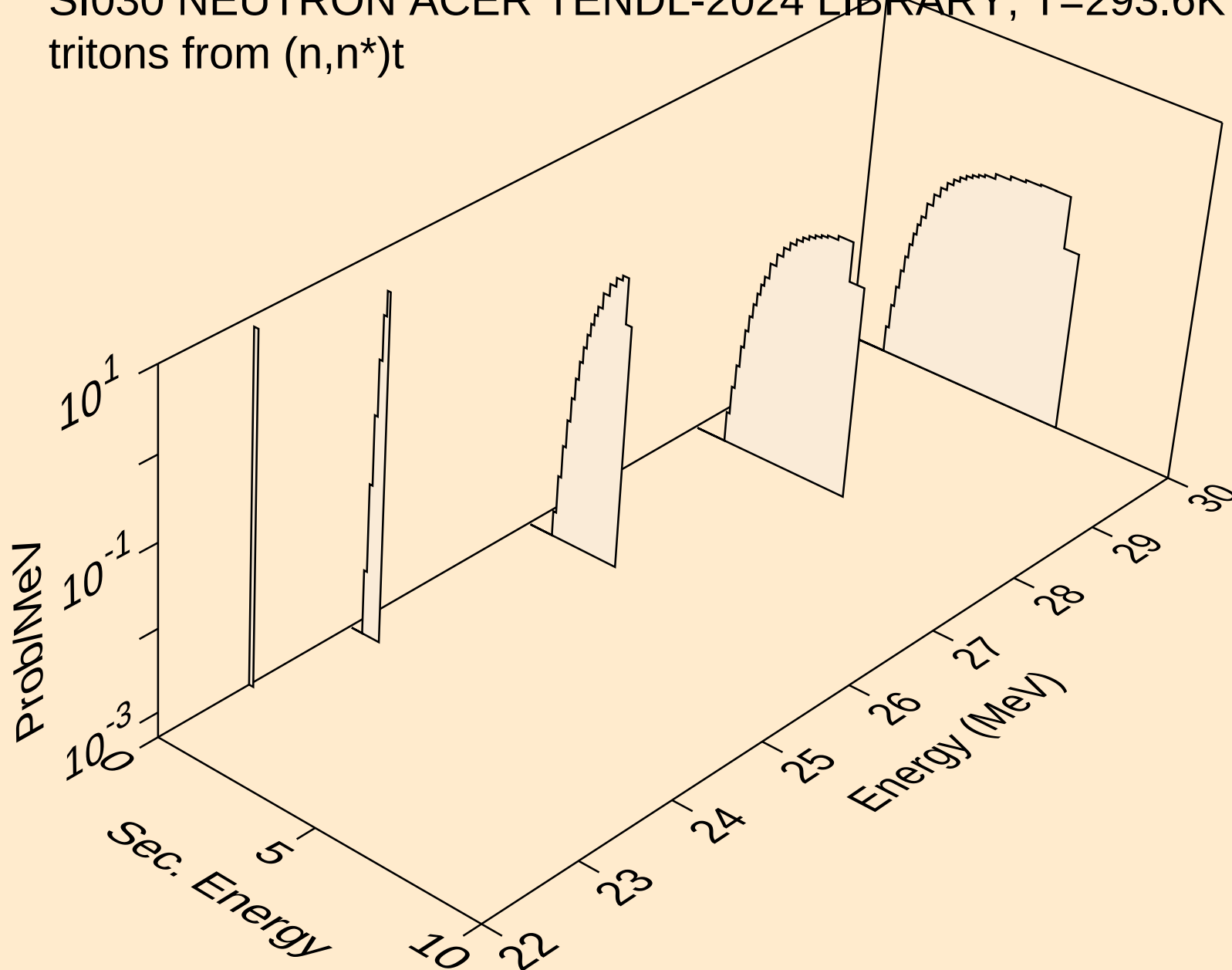
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deuterons from (n,da)



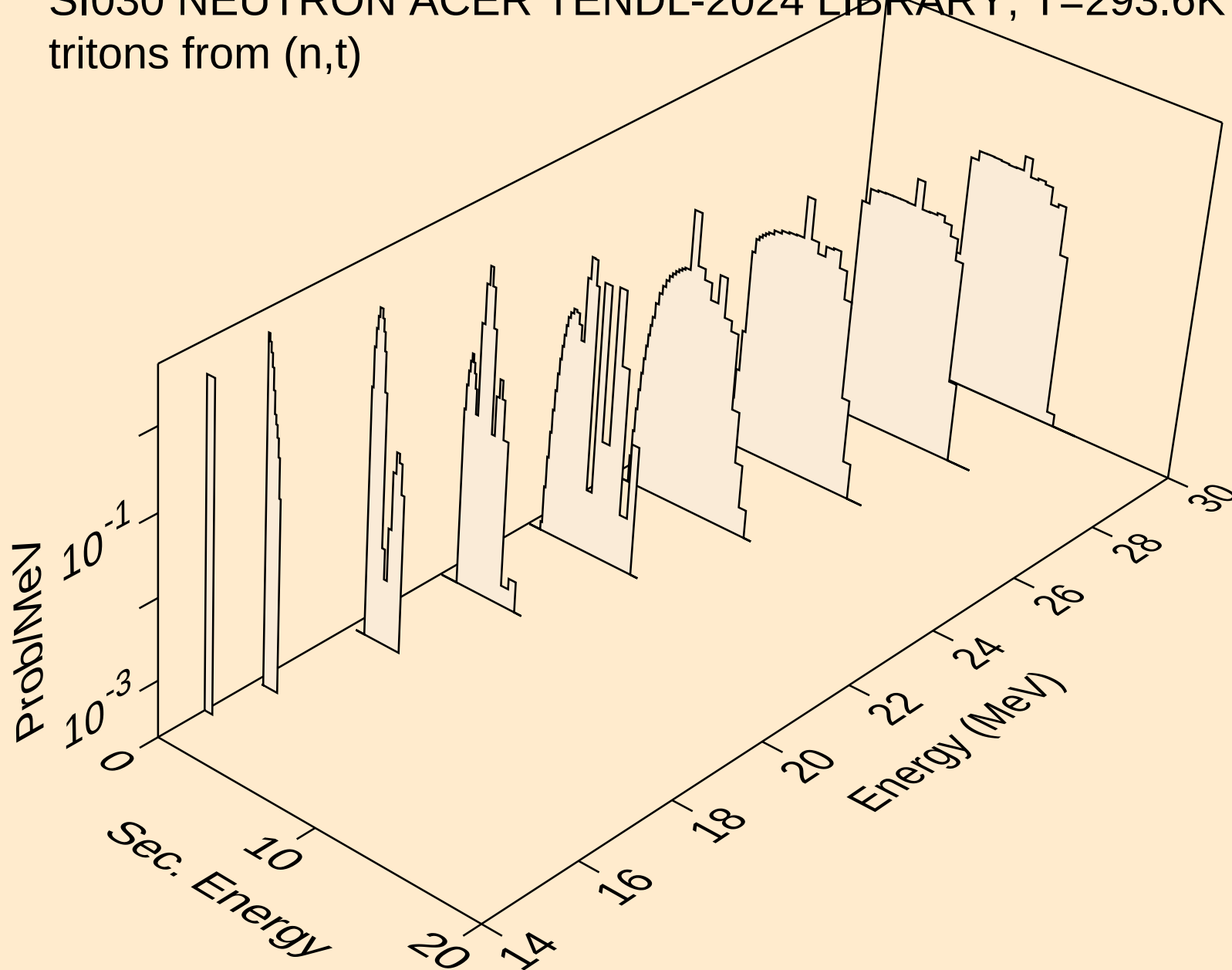
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



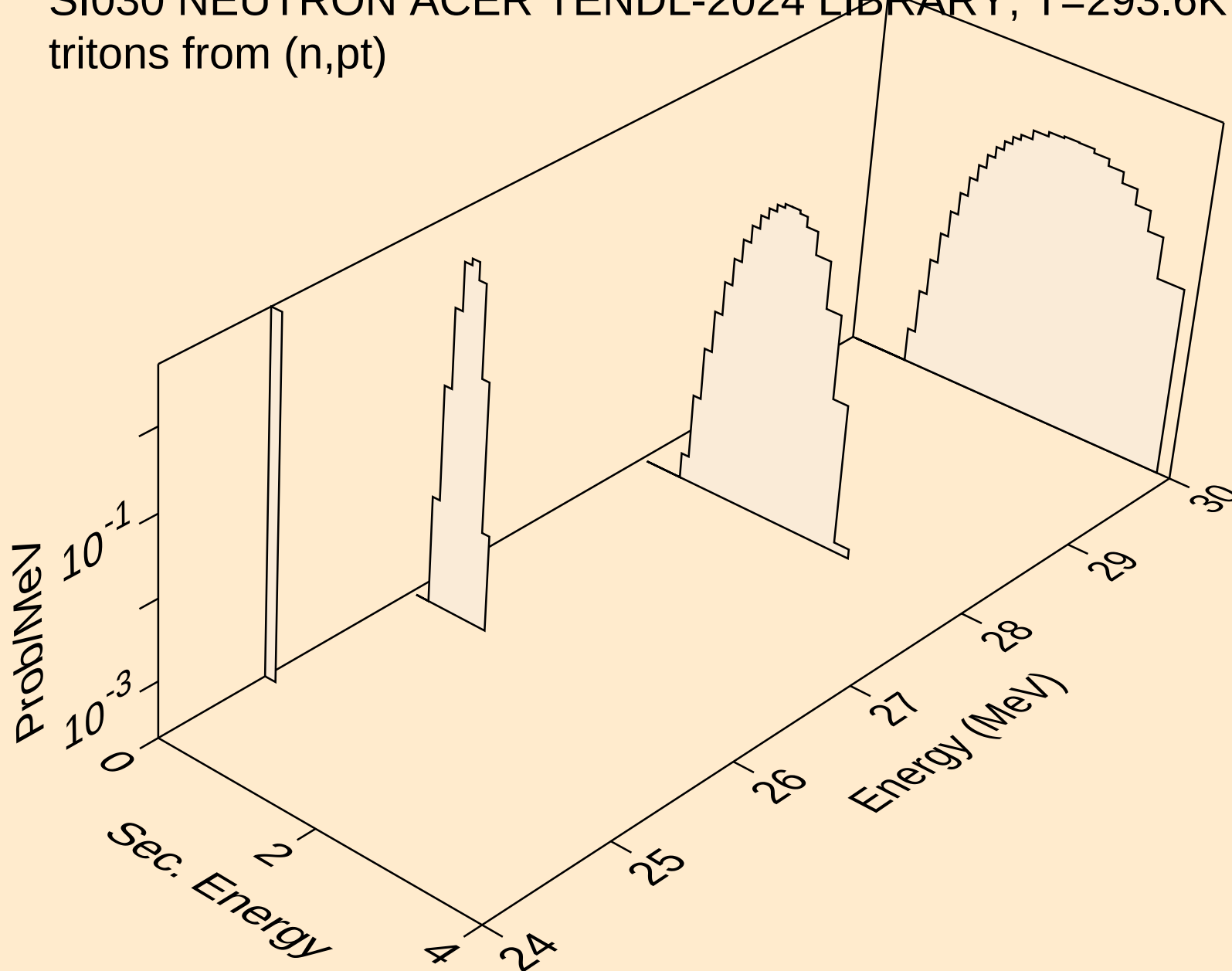
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



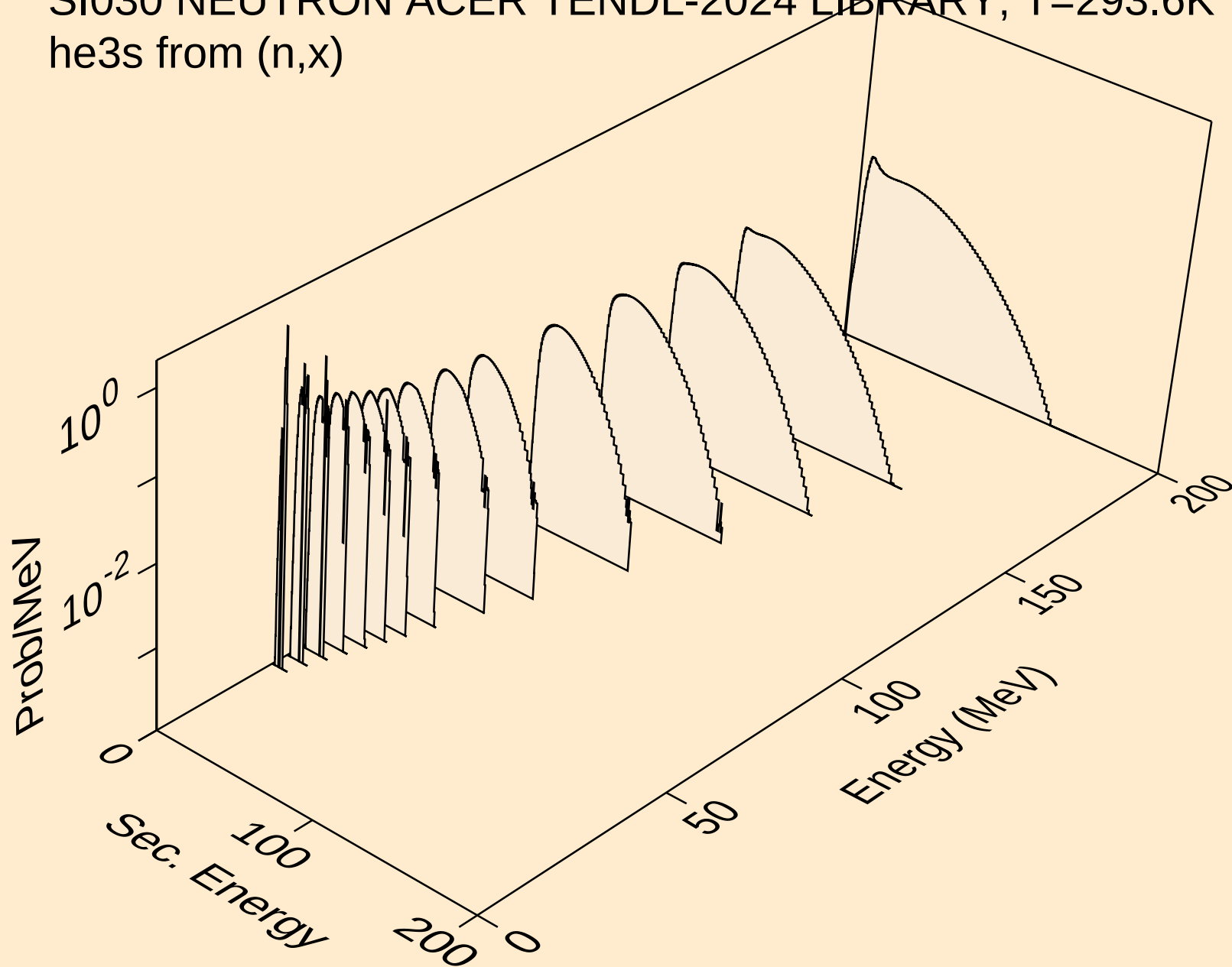
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tritons from (n,t)



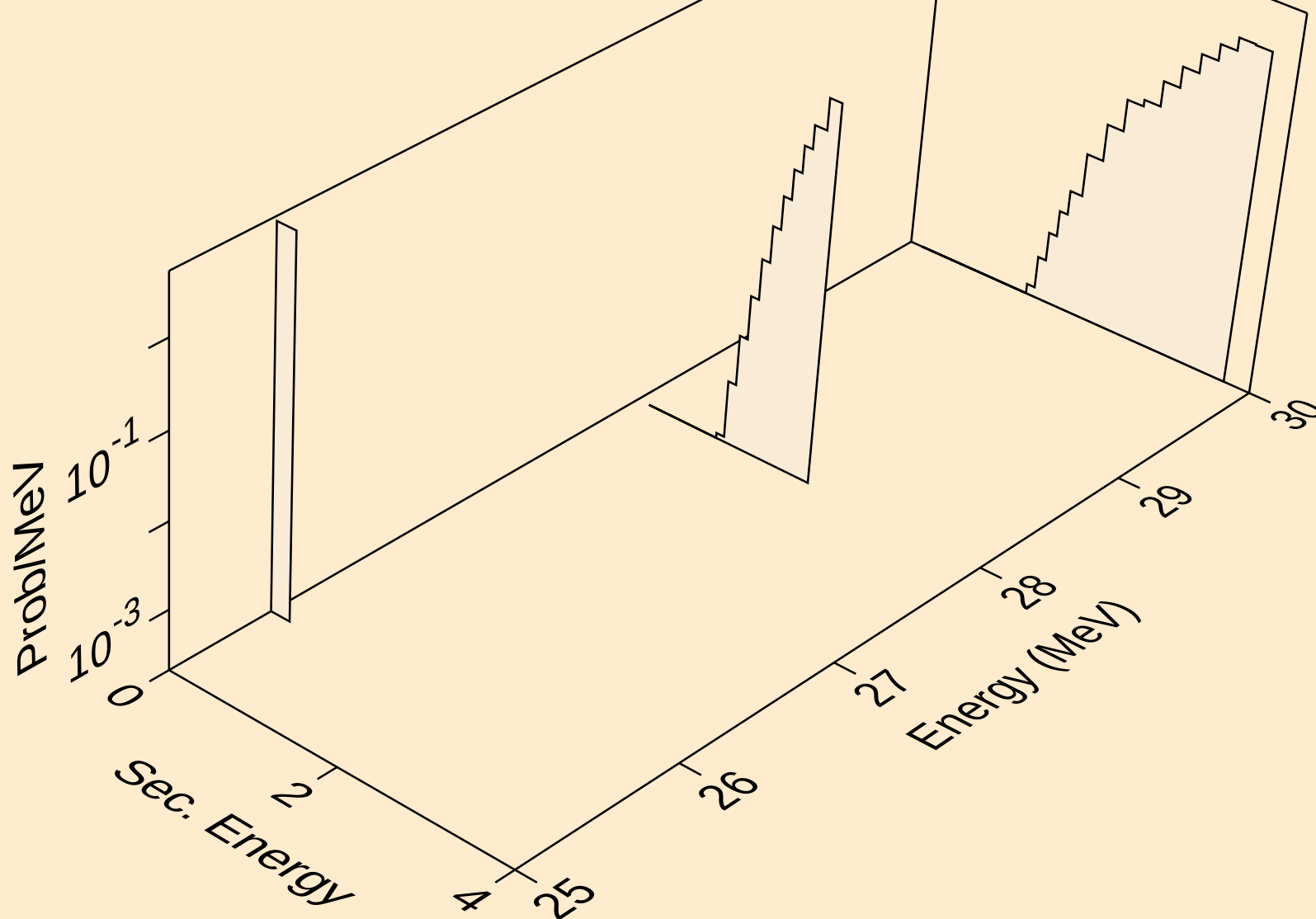
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tritons from (n,pt)



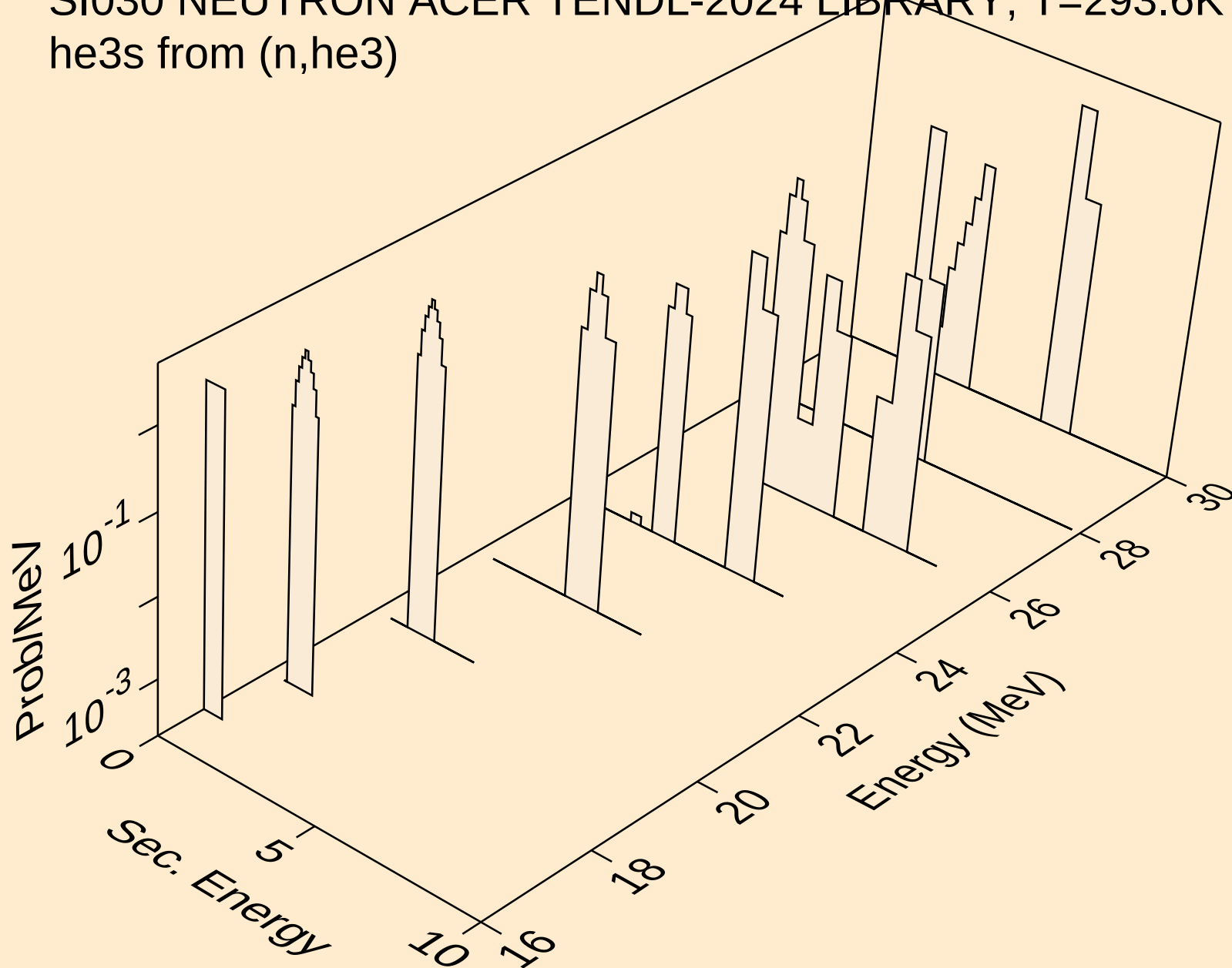
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



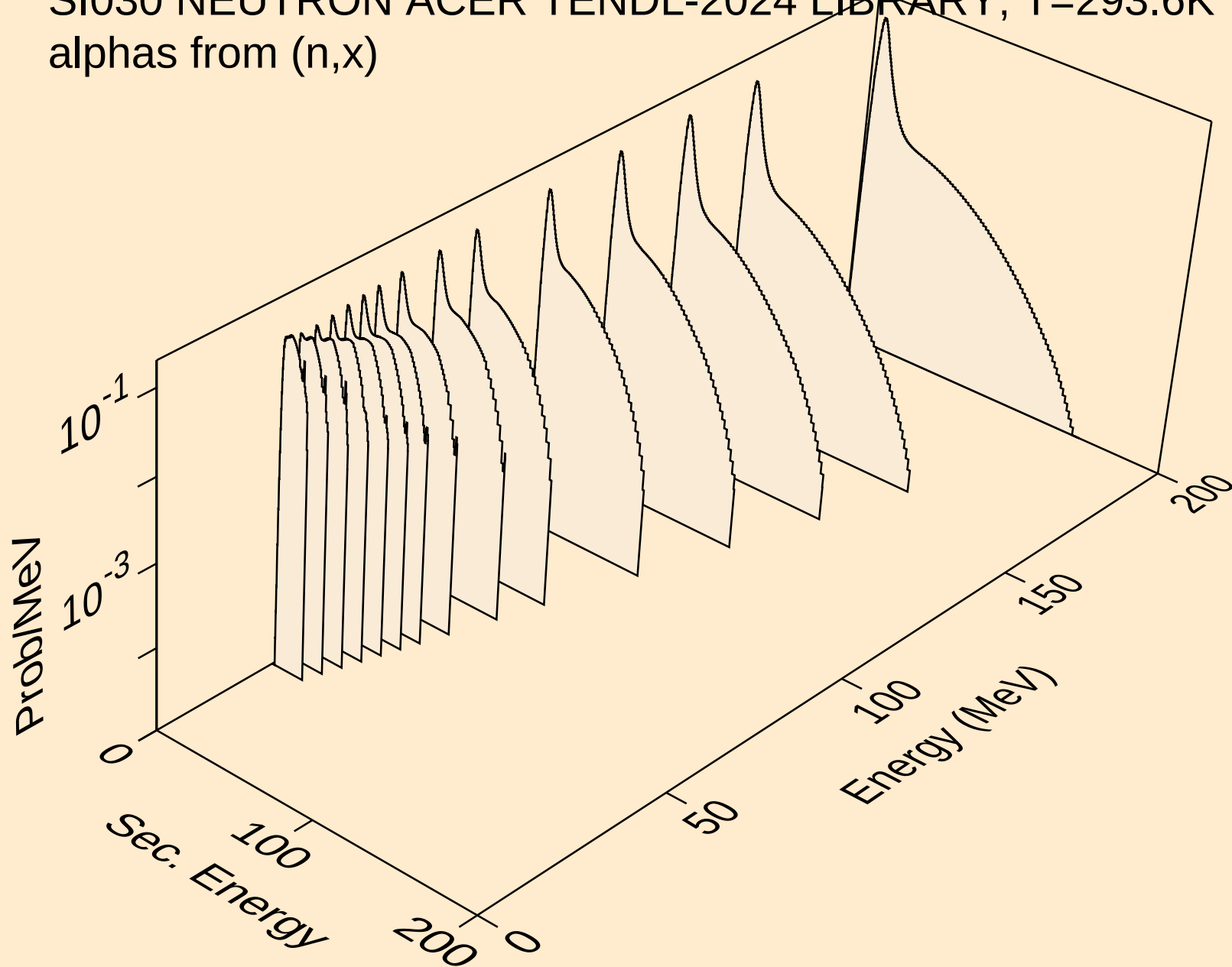
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



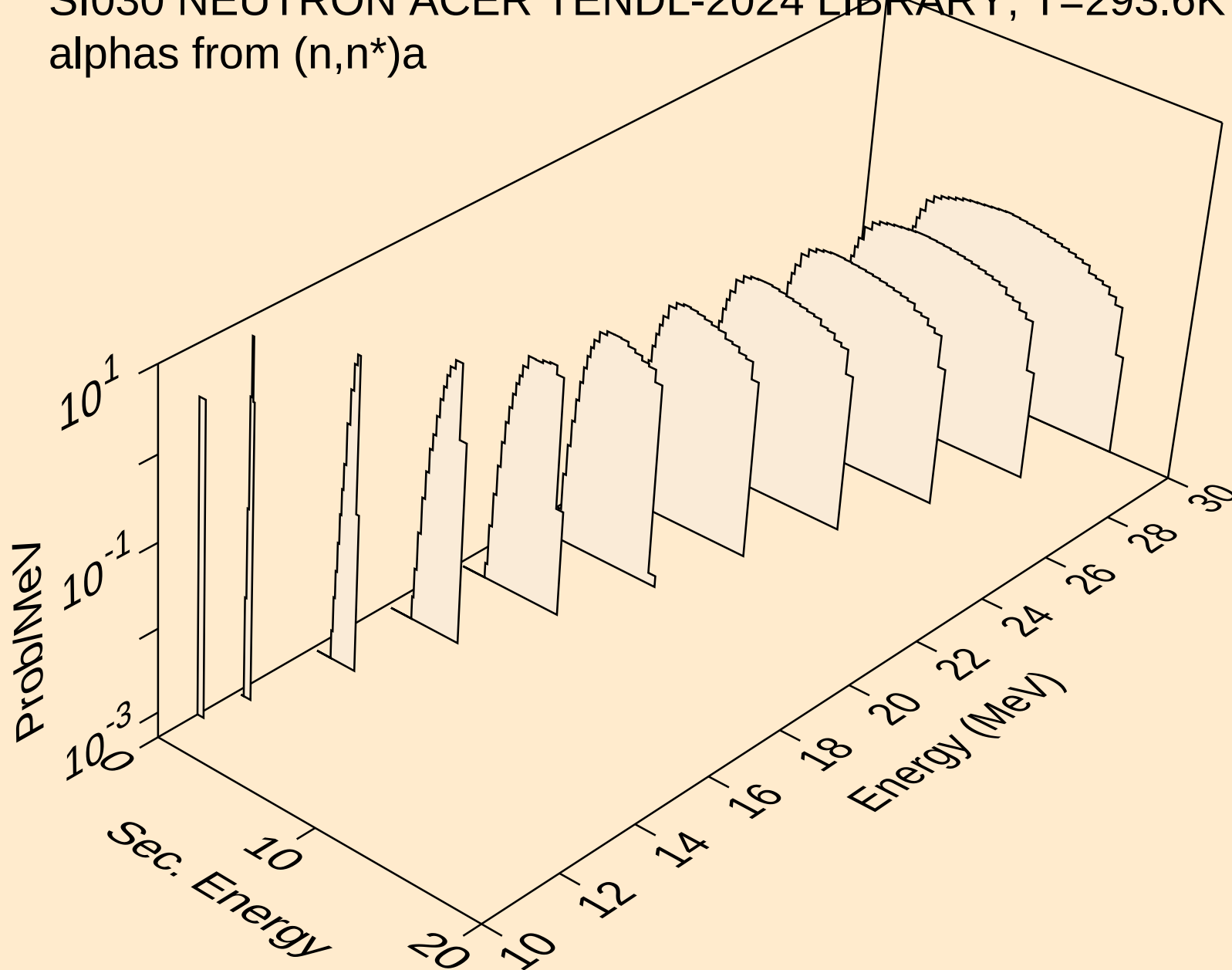
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,he3)



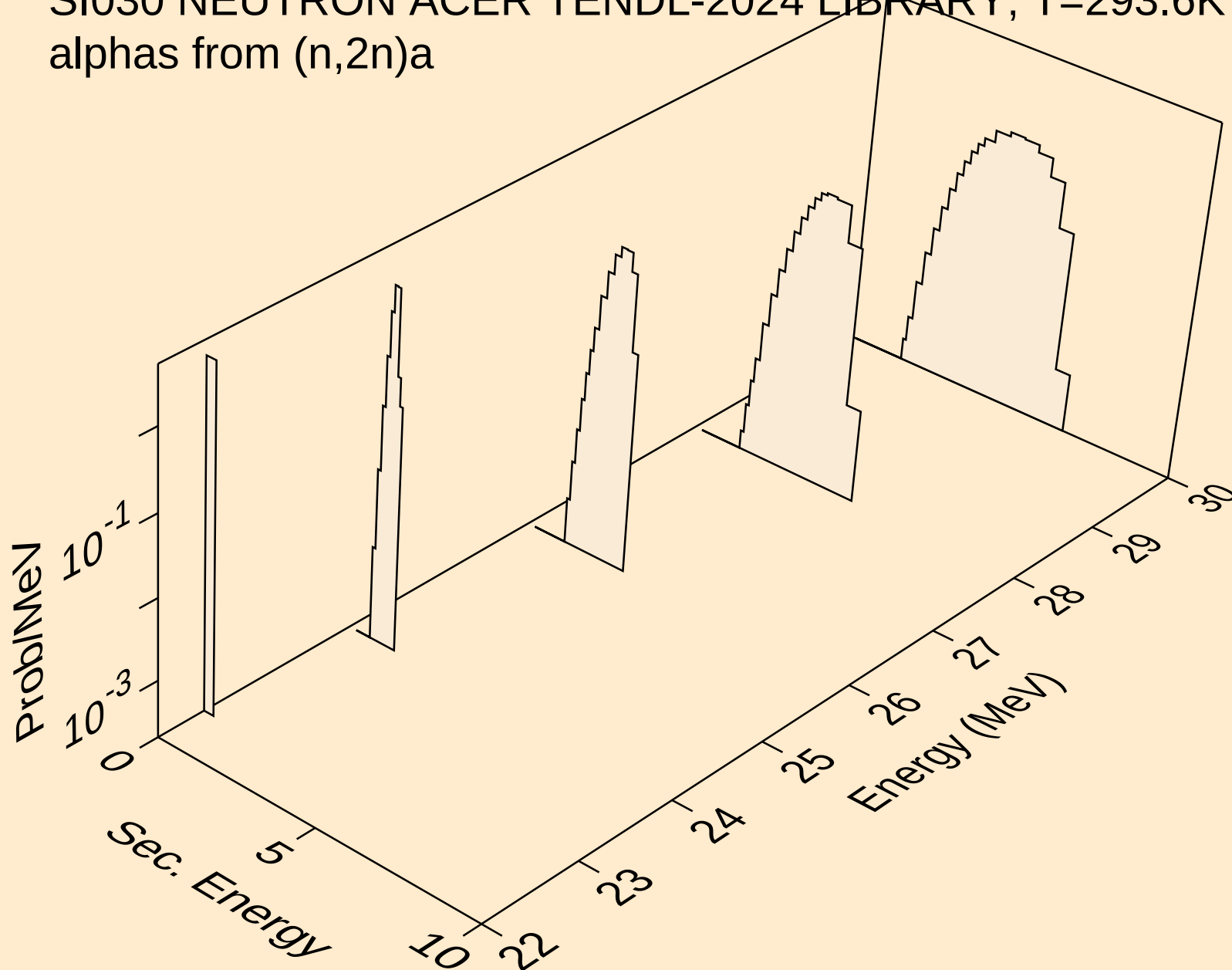
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



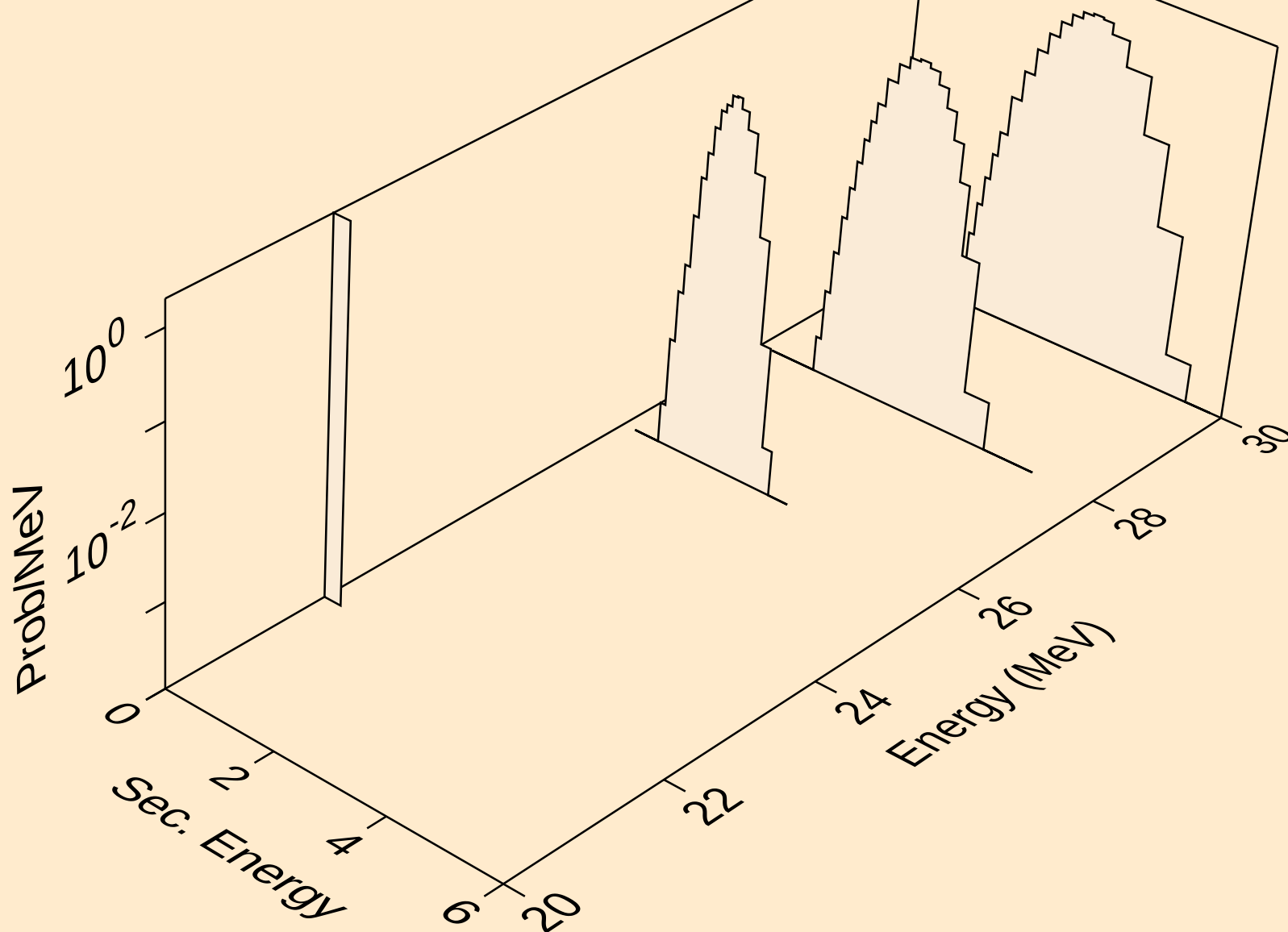
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



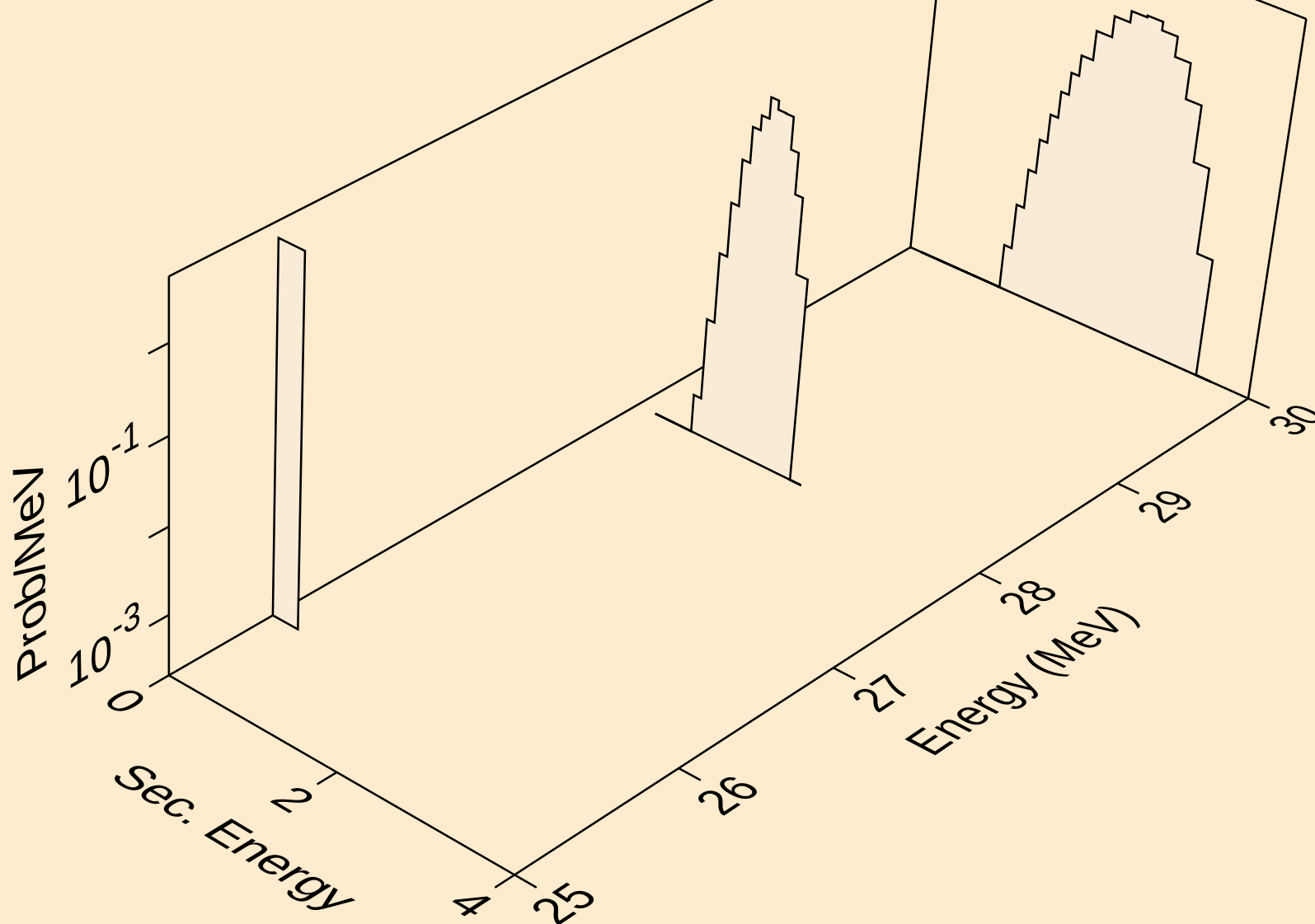
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alphas from (n,2n)a



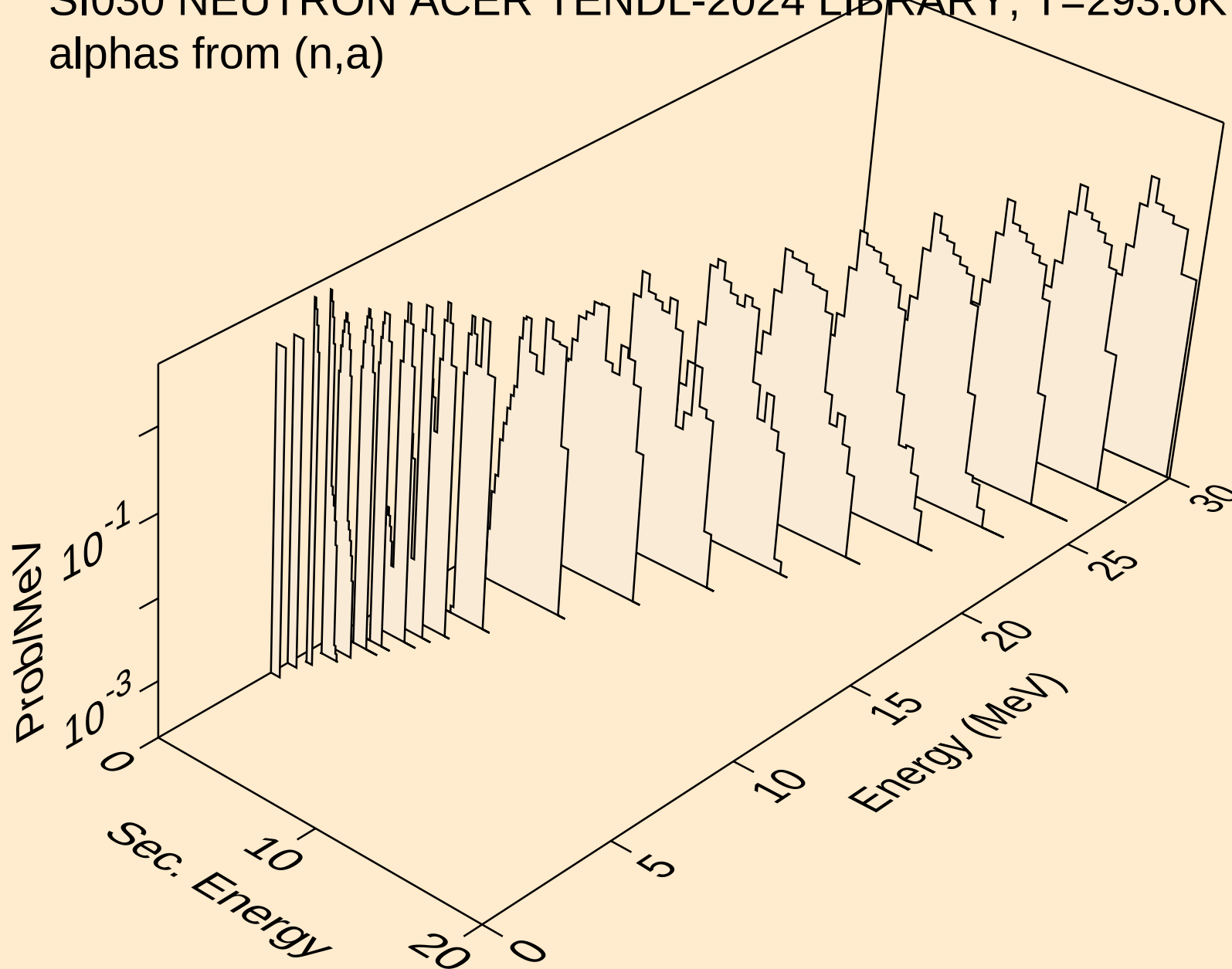
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alphas from (n,n*)2a



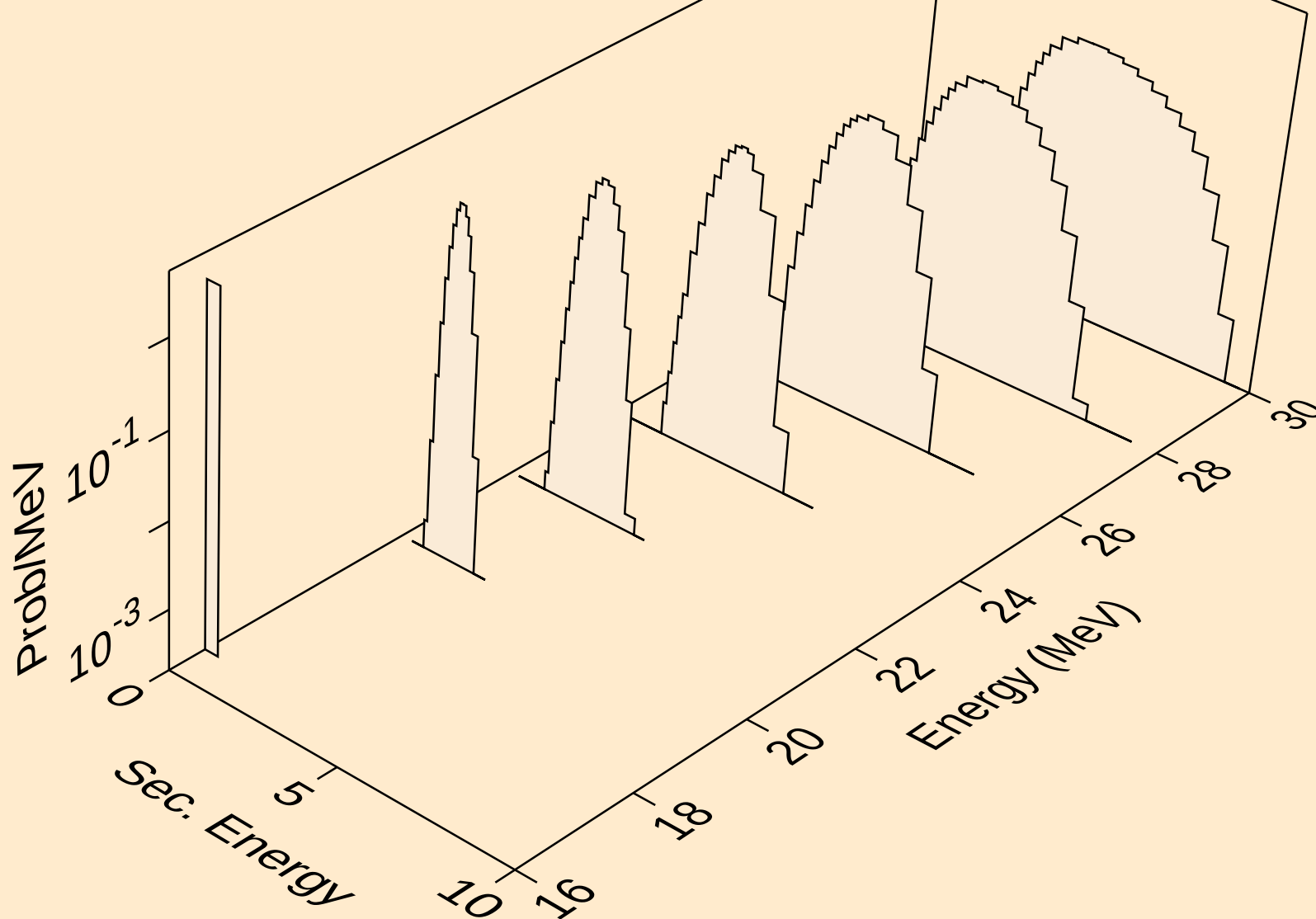
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alphas from (n,npa)



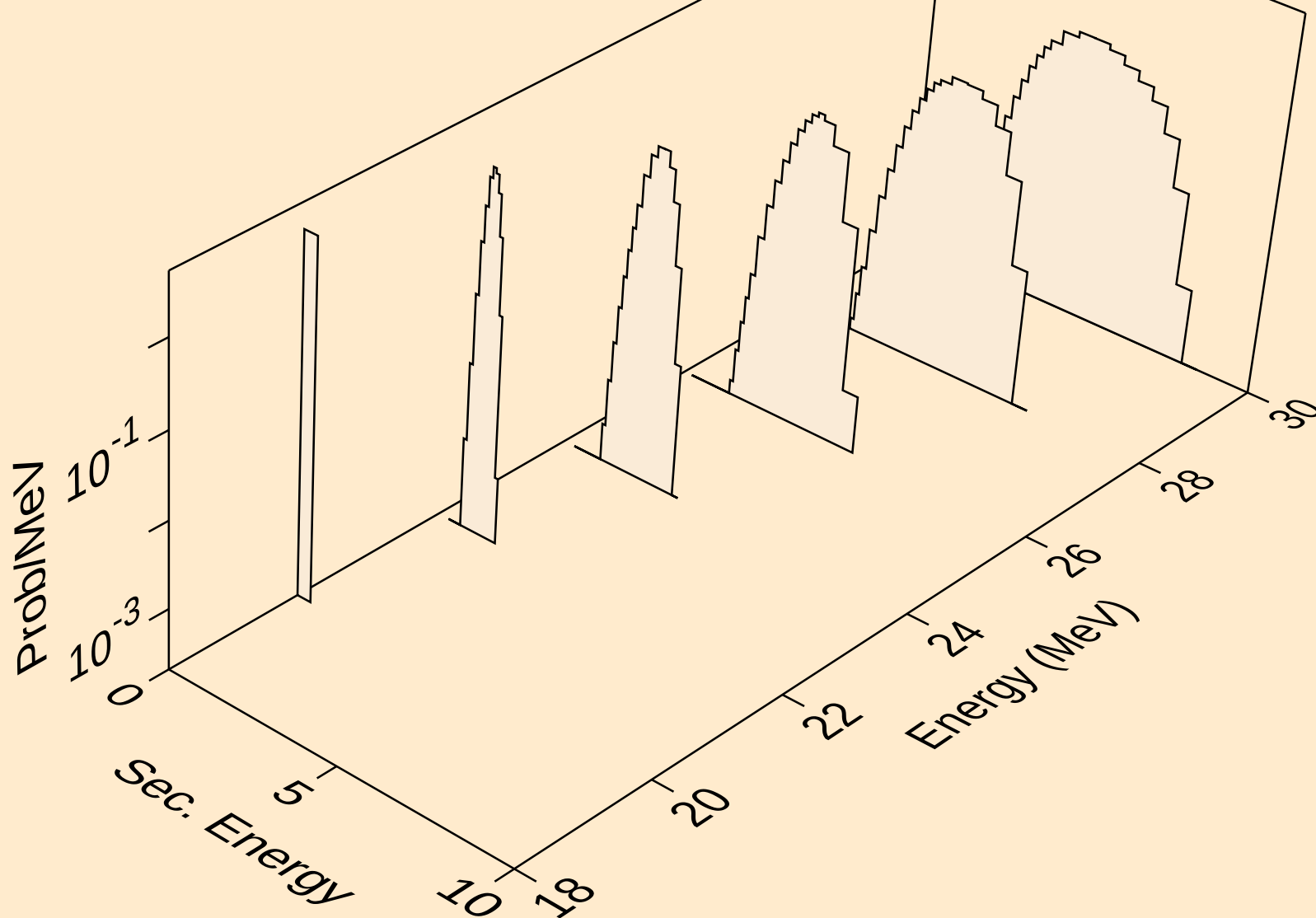
SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)



SI030 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

