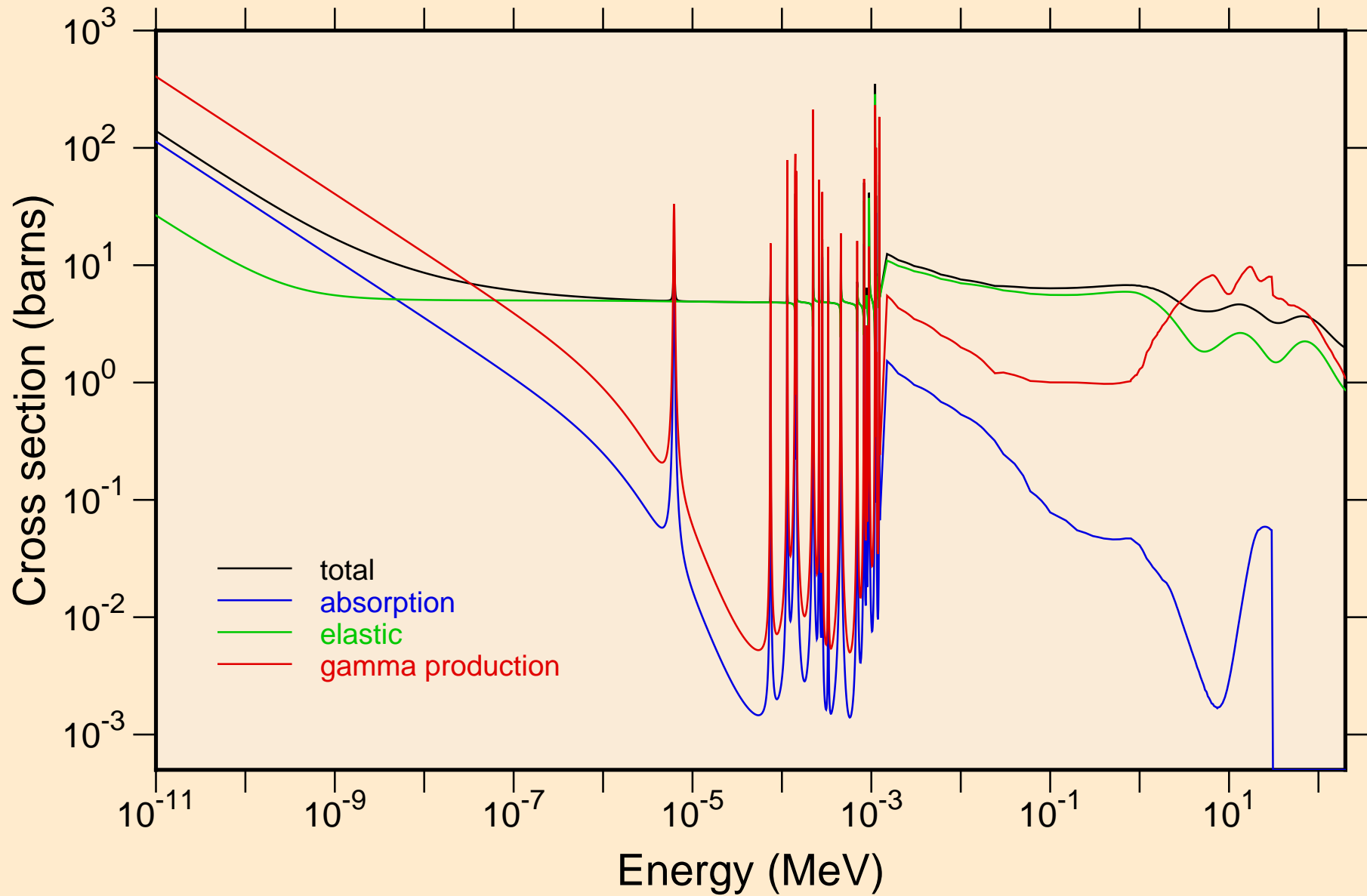
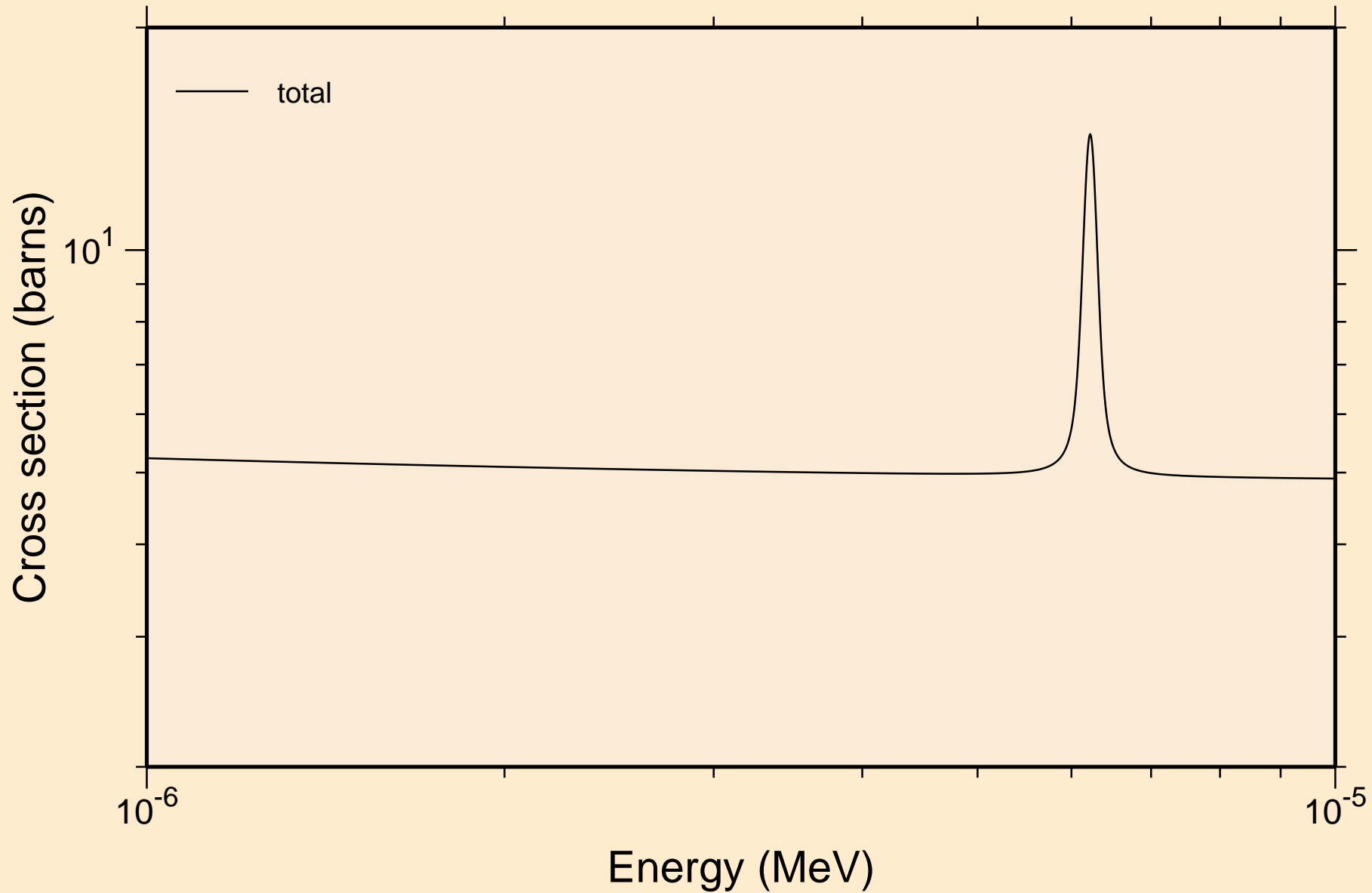


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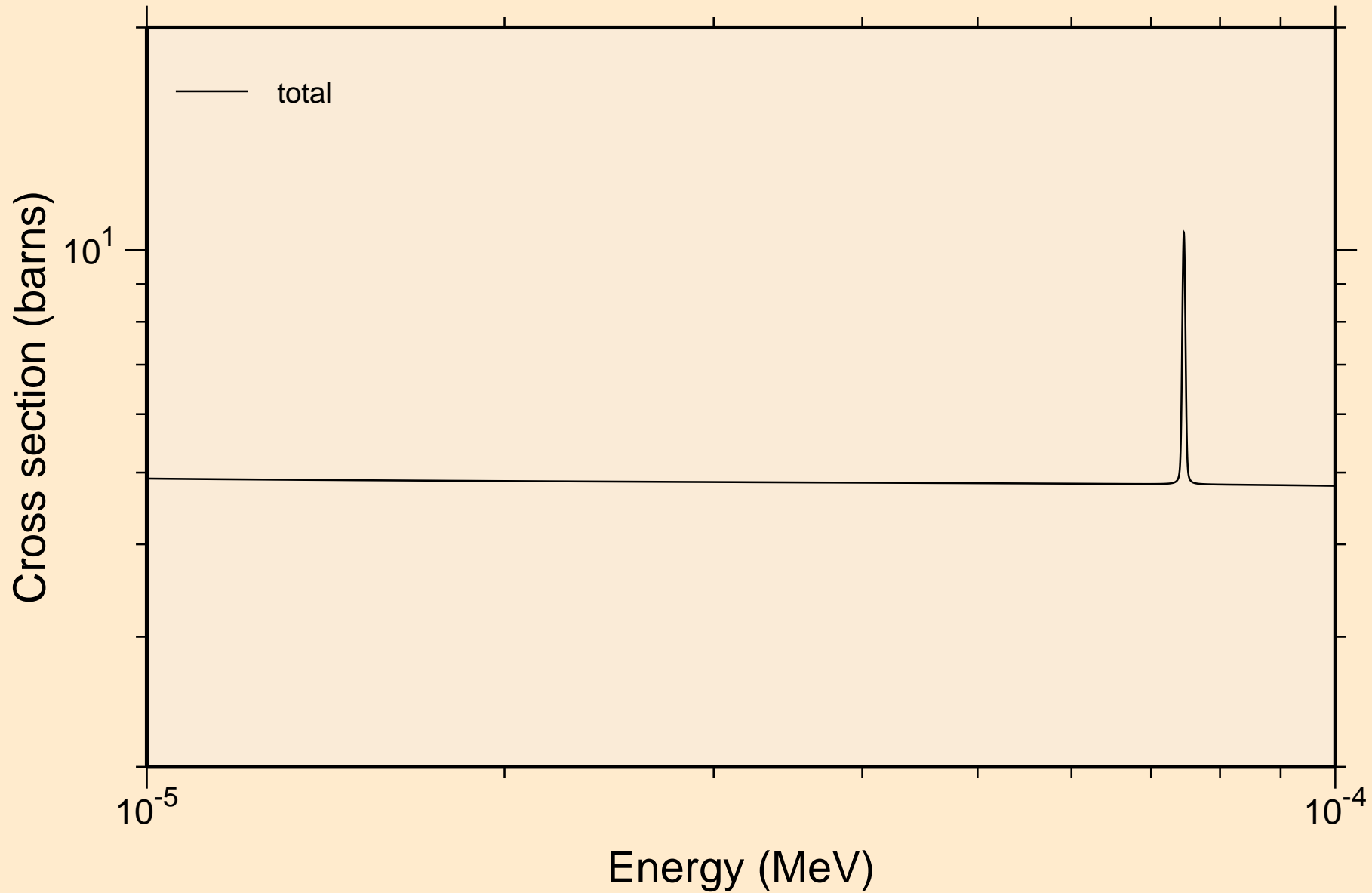
Principal cross sections



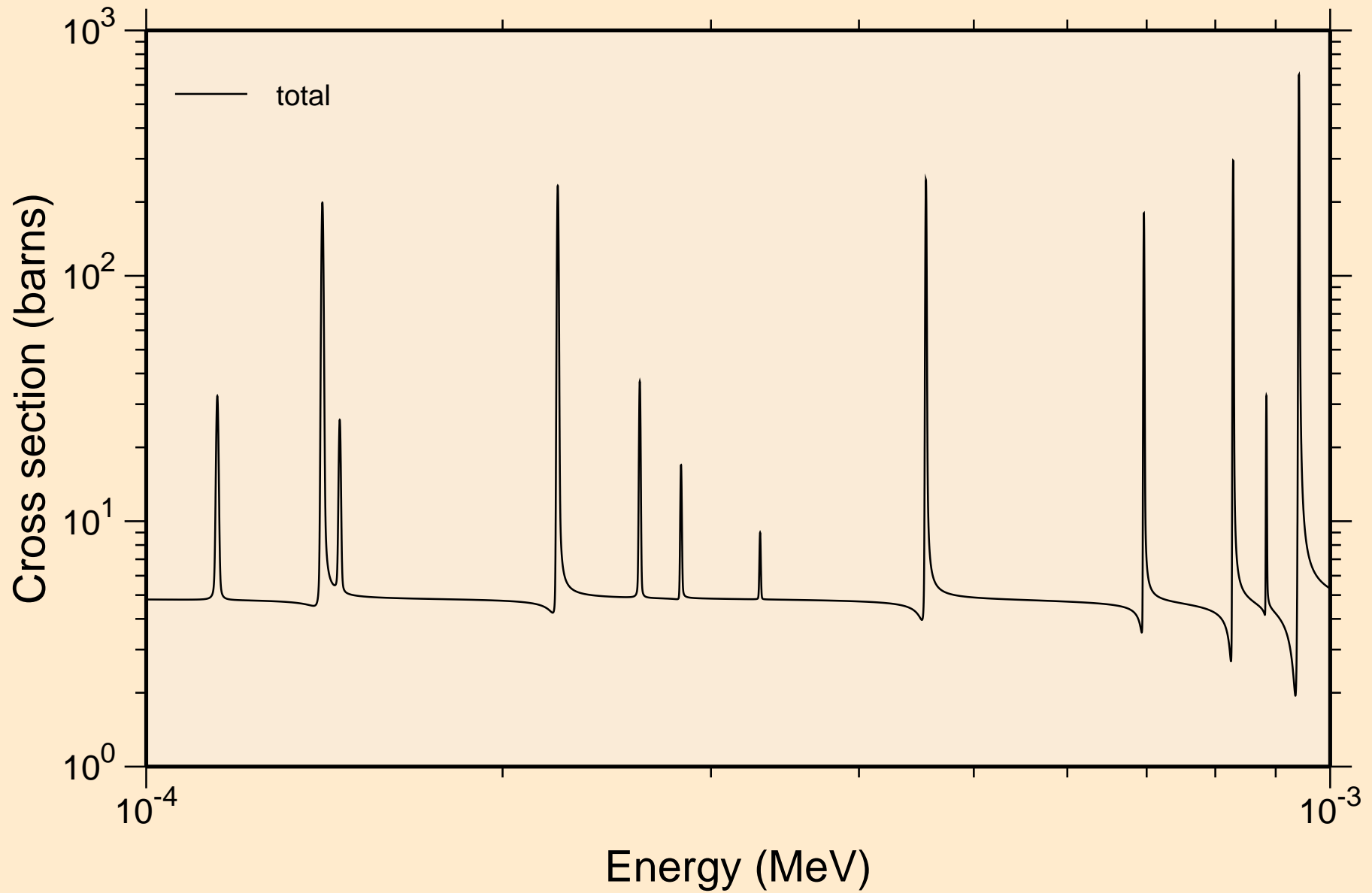
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance total cross section



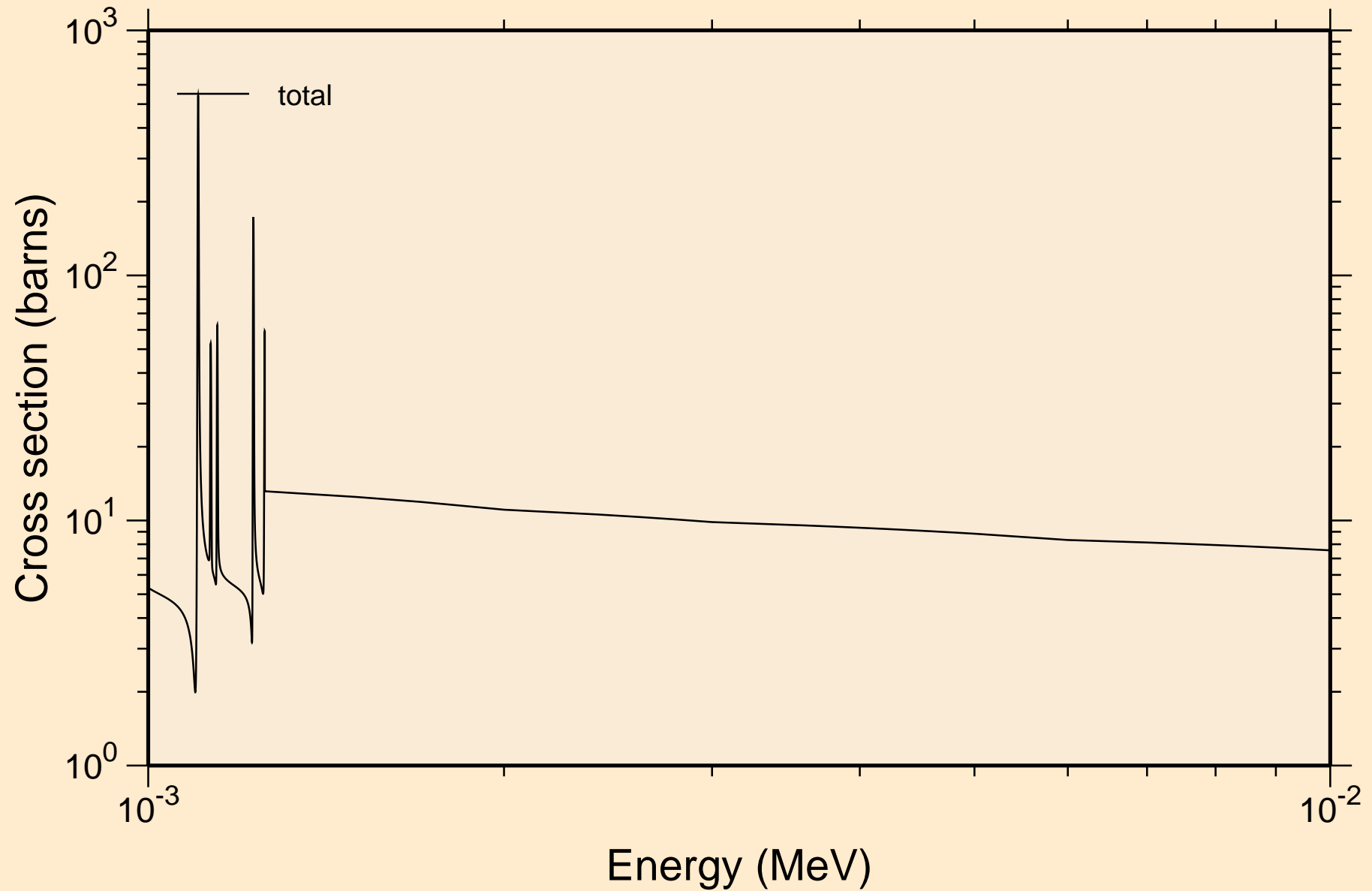
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance total cross section



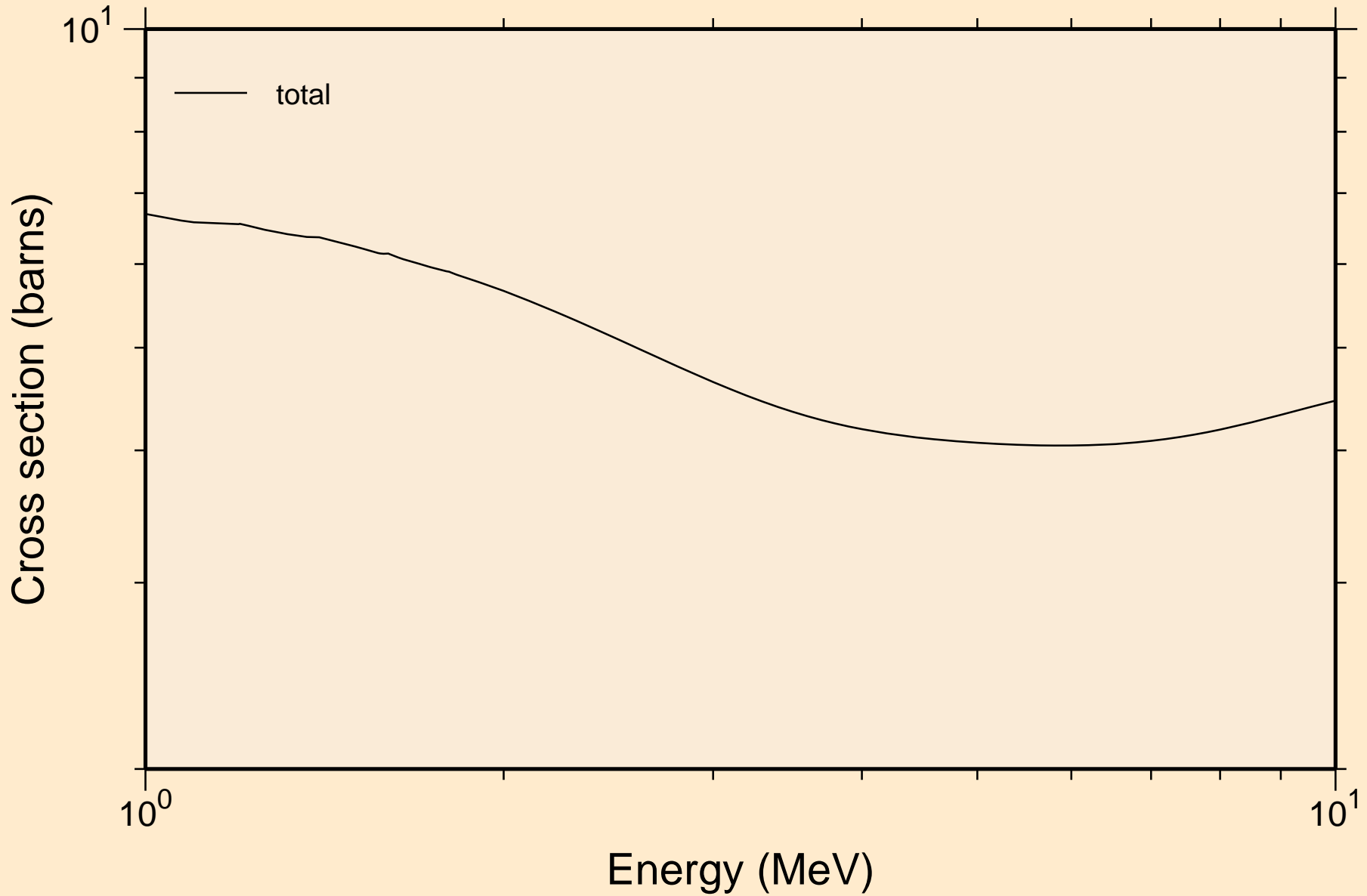
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resonance total cross section



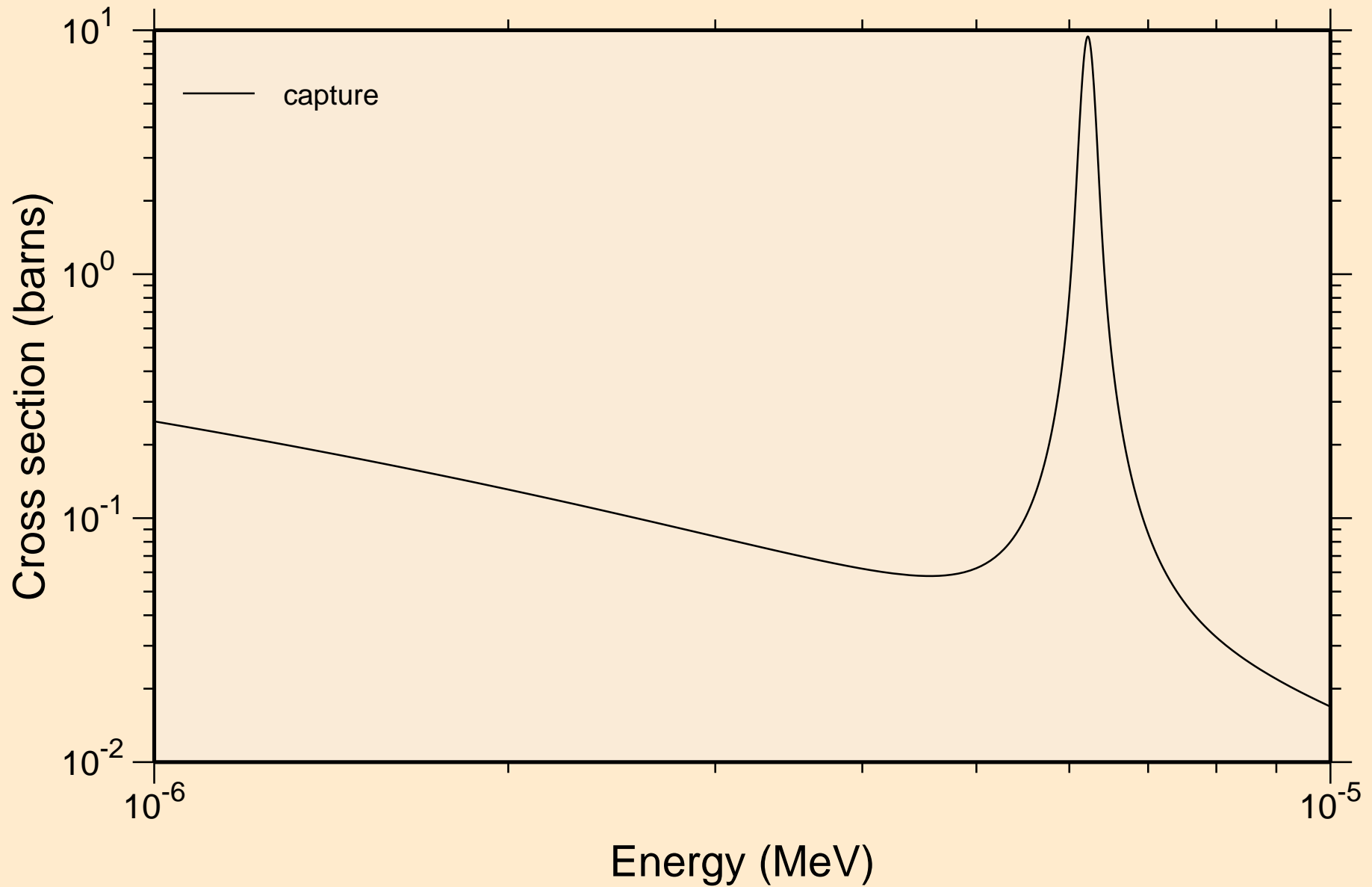
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance total cross section



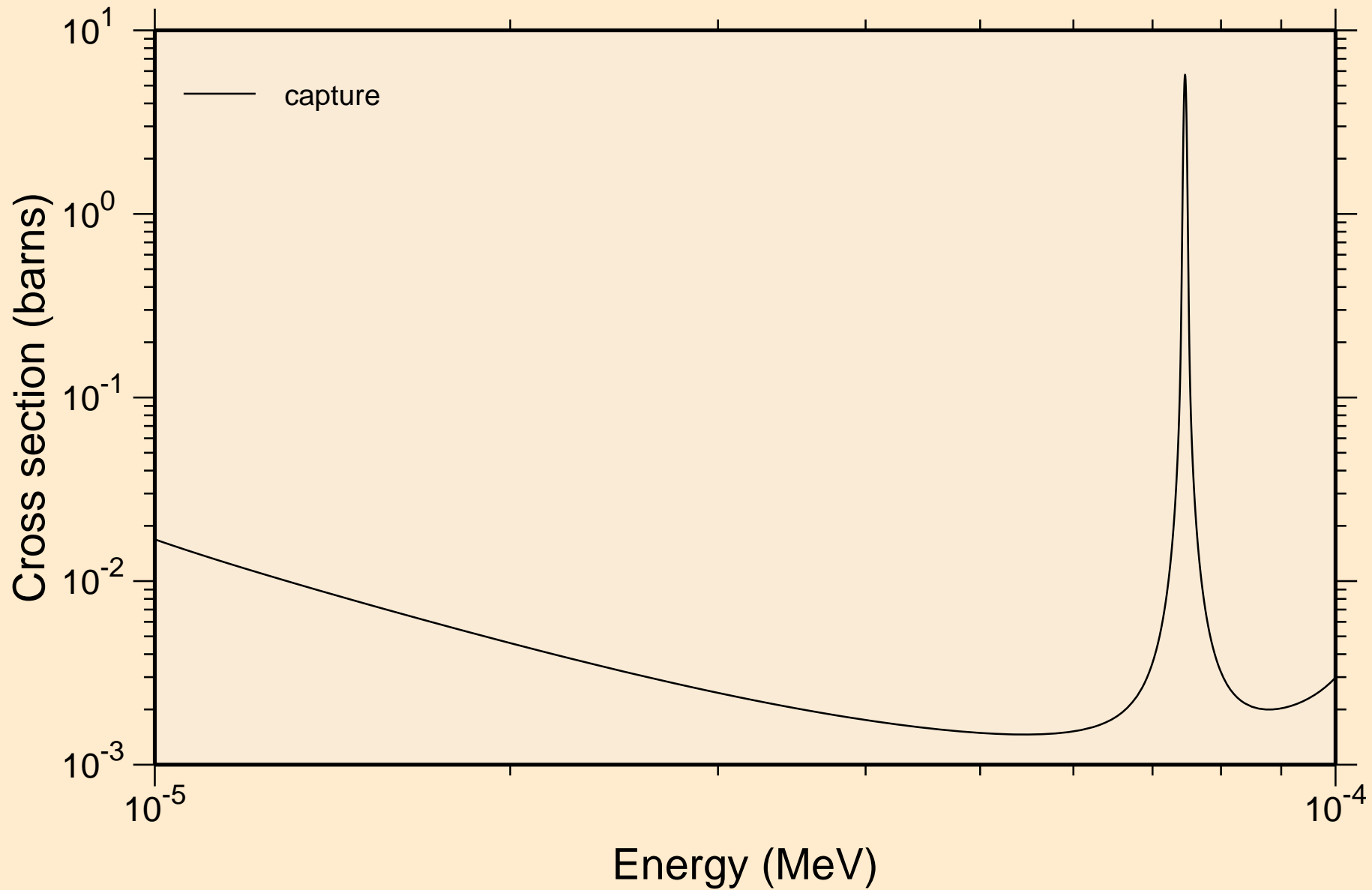
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance total cross section



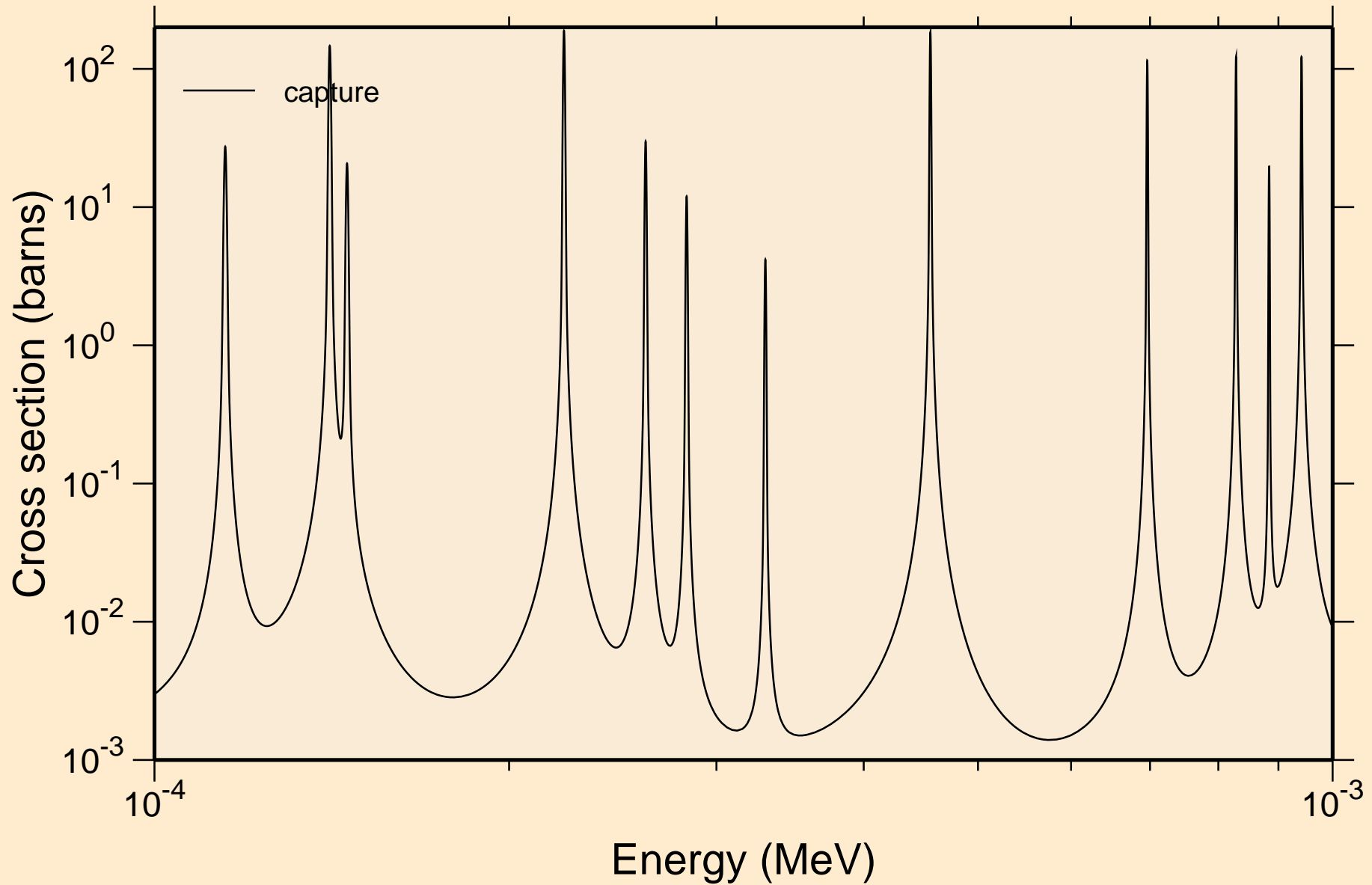
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



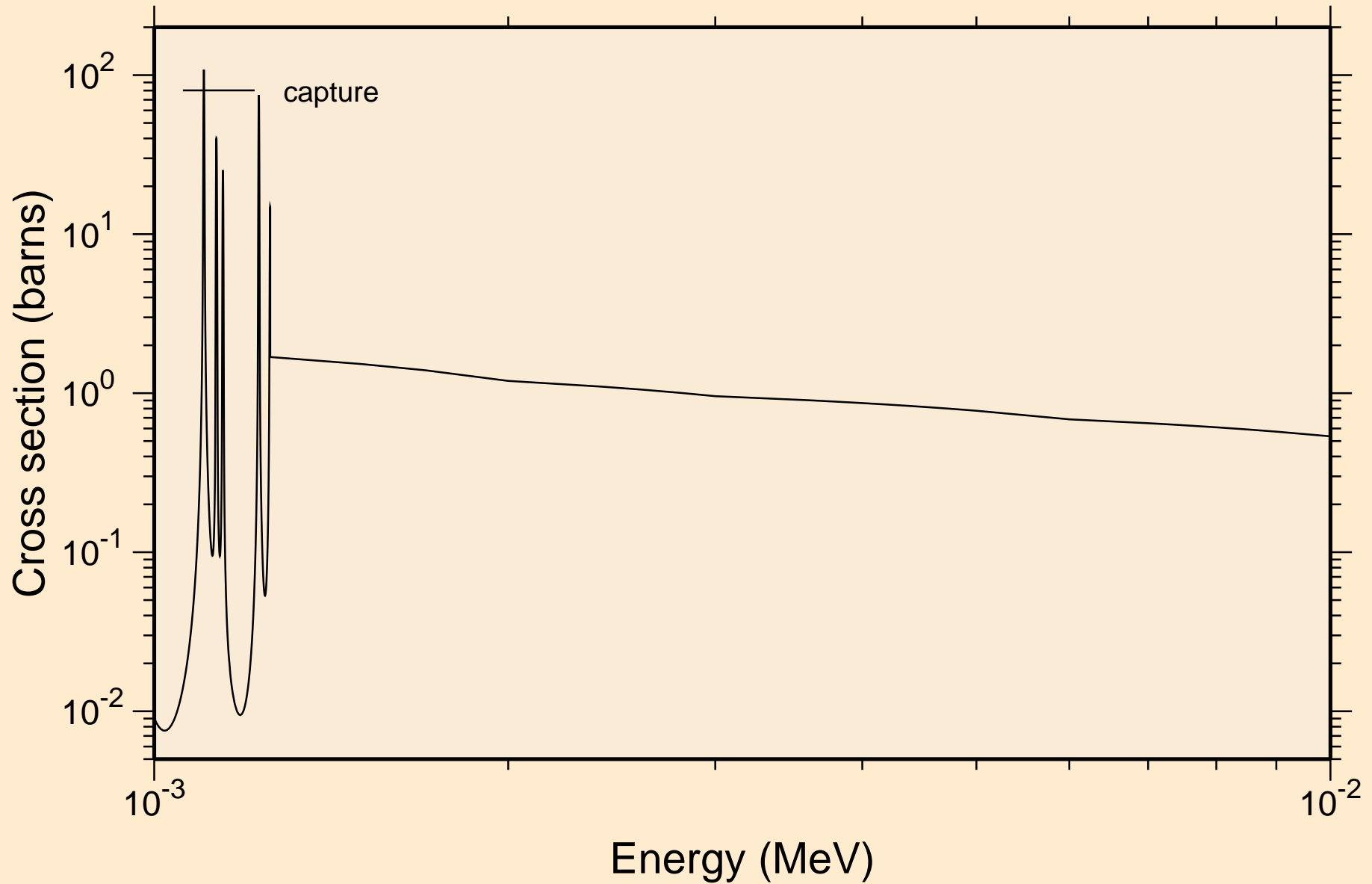
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



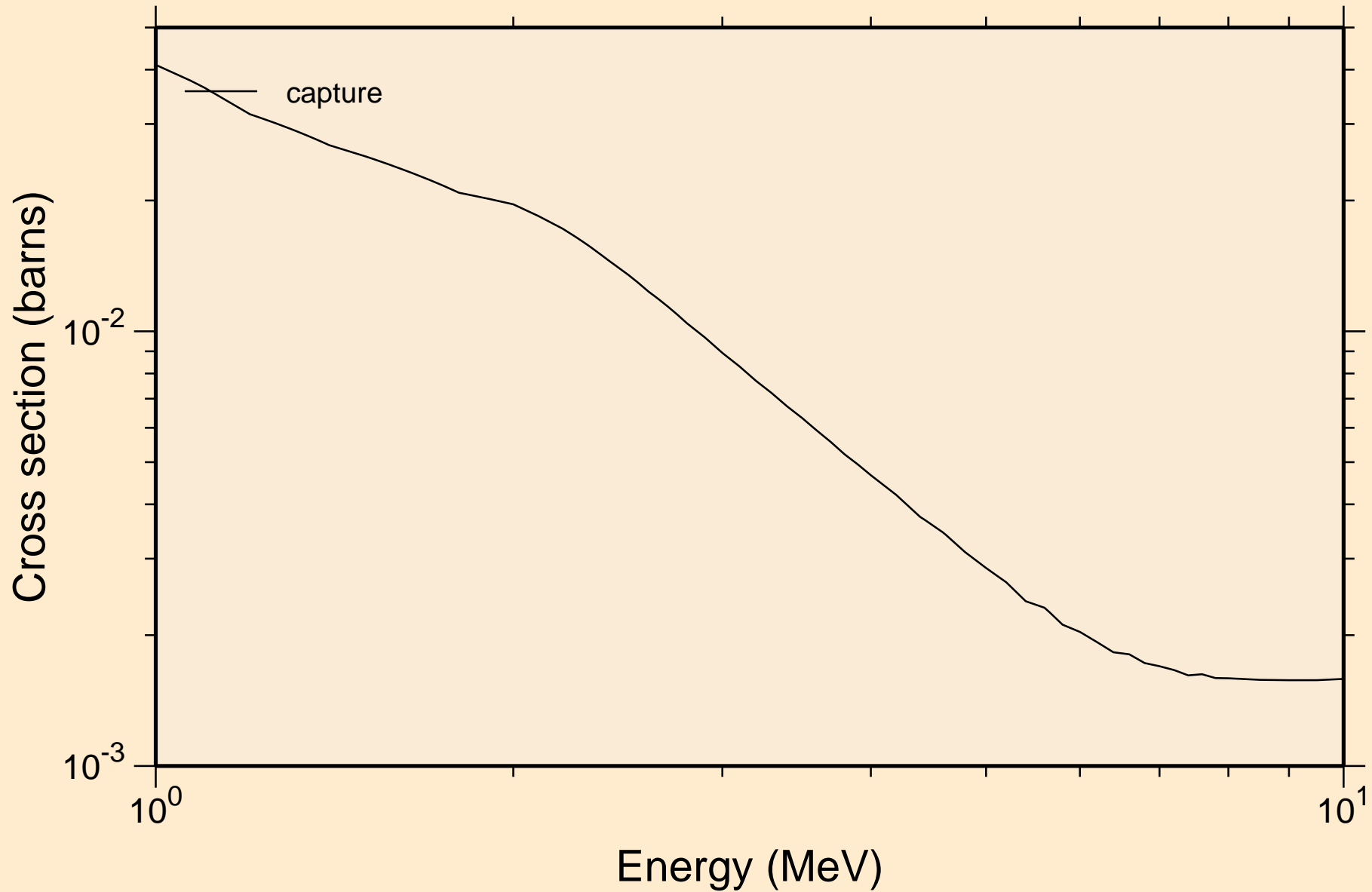
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



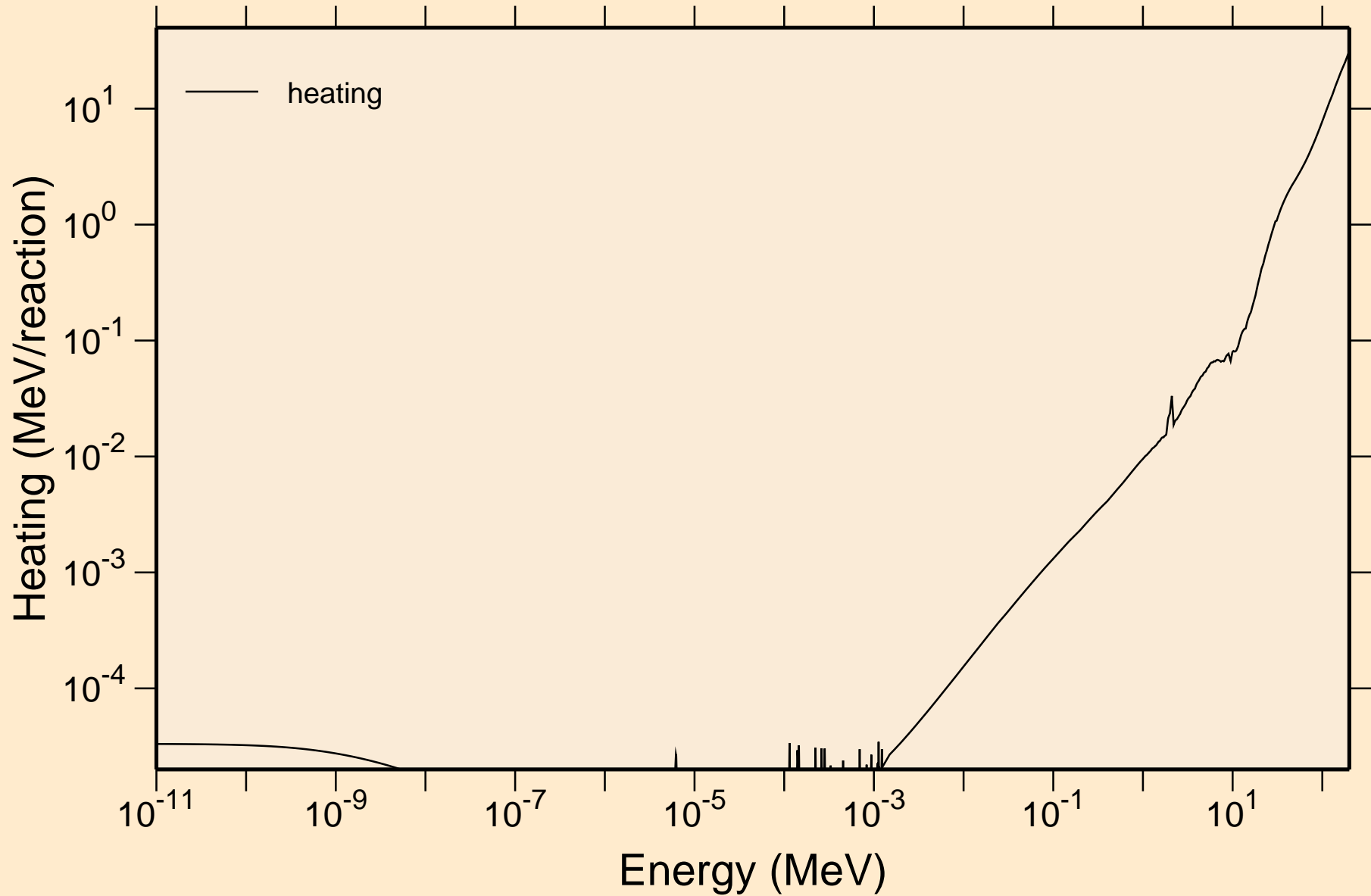
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections



SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
resonance absorption cross sections

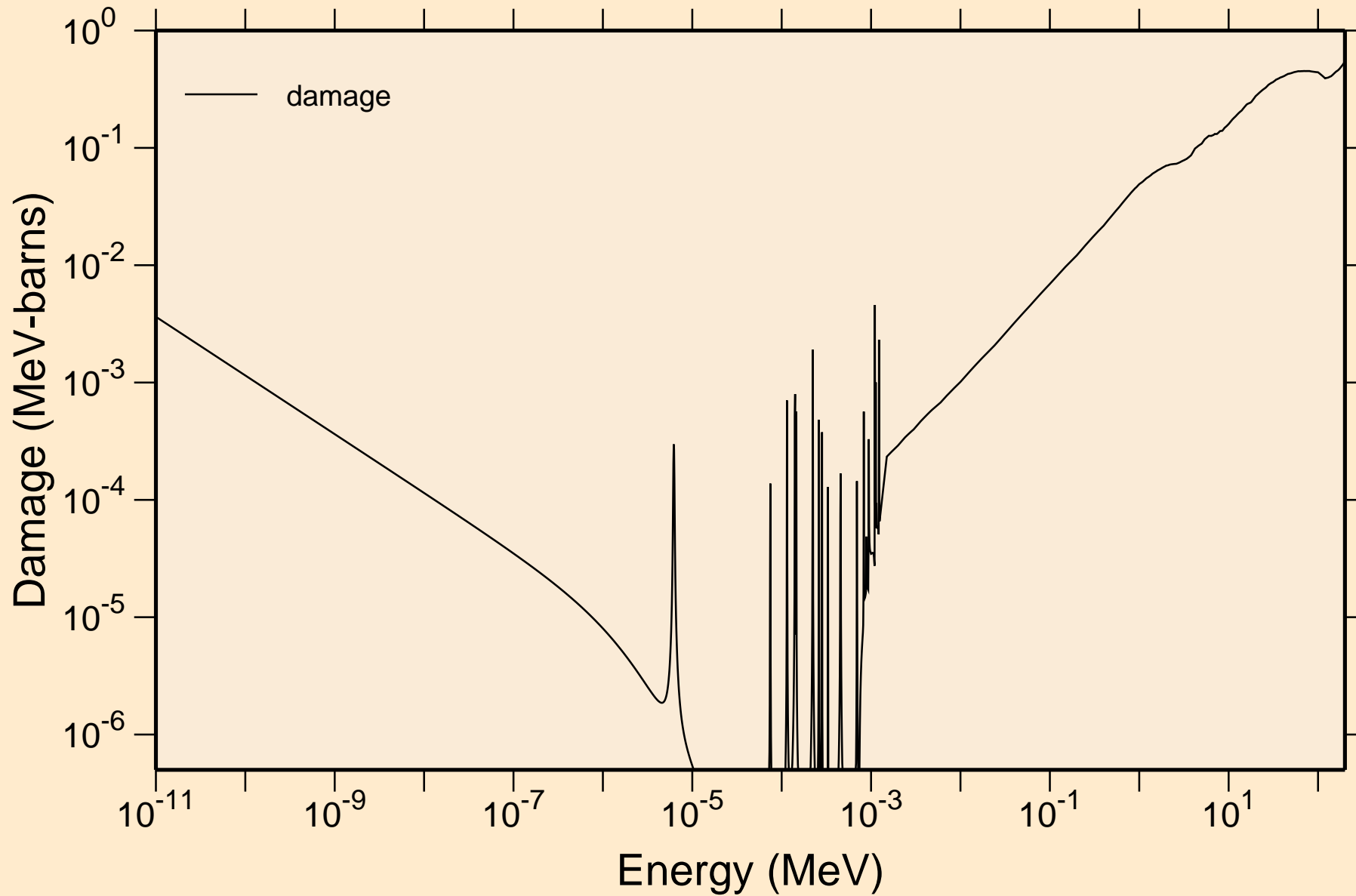


SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Heating



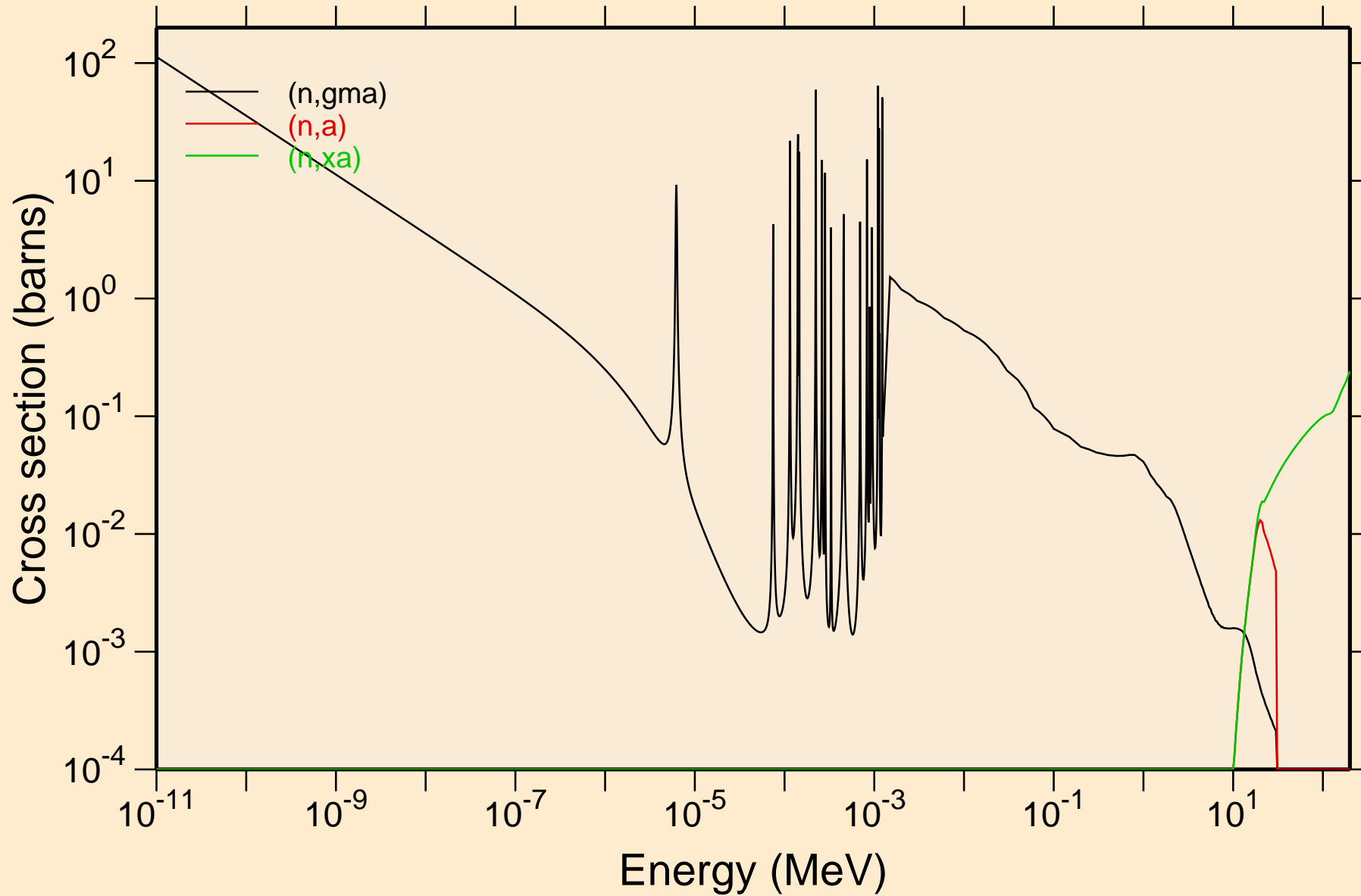
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Damage



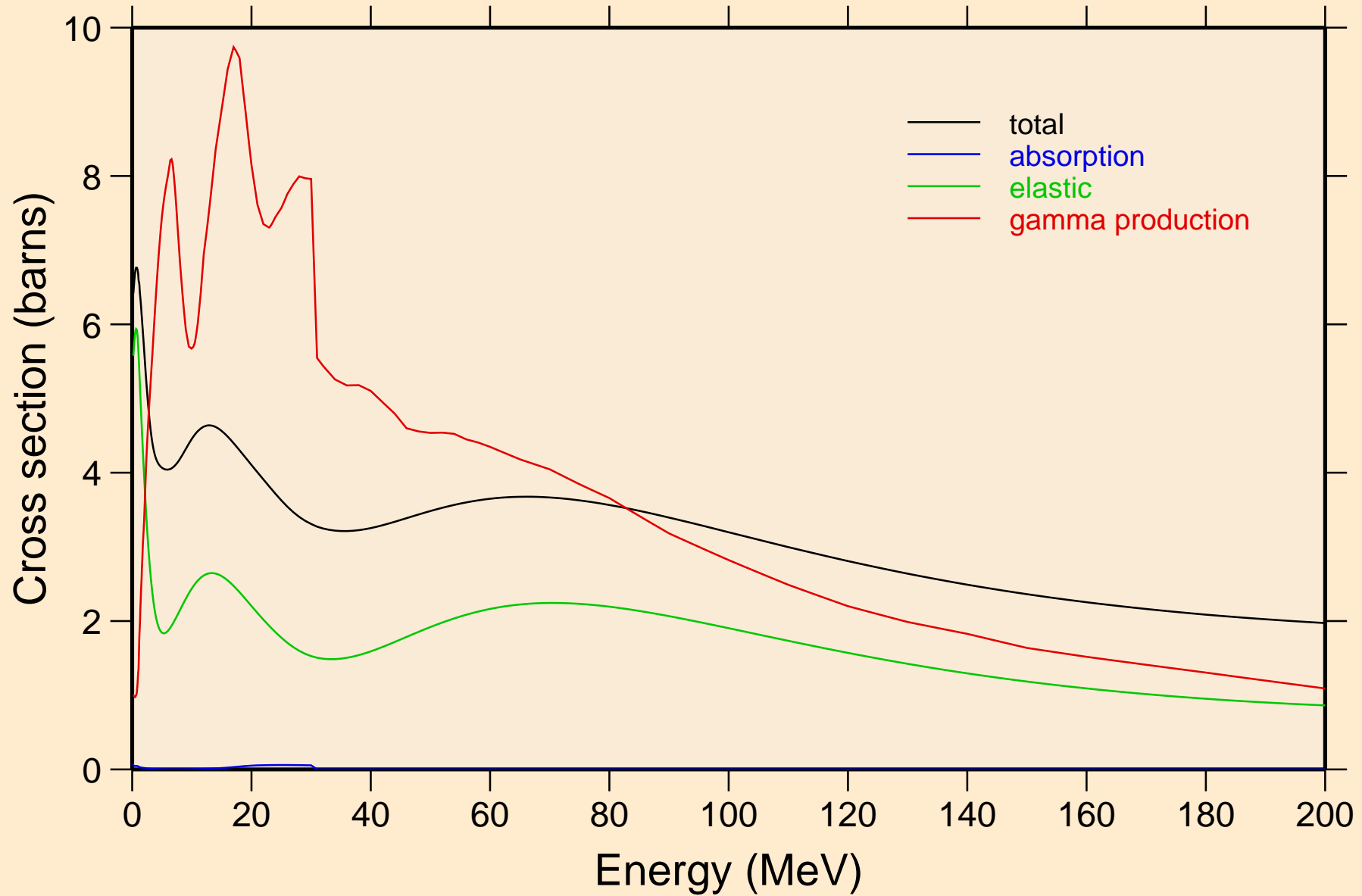
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Non-threshold reactions

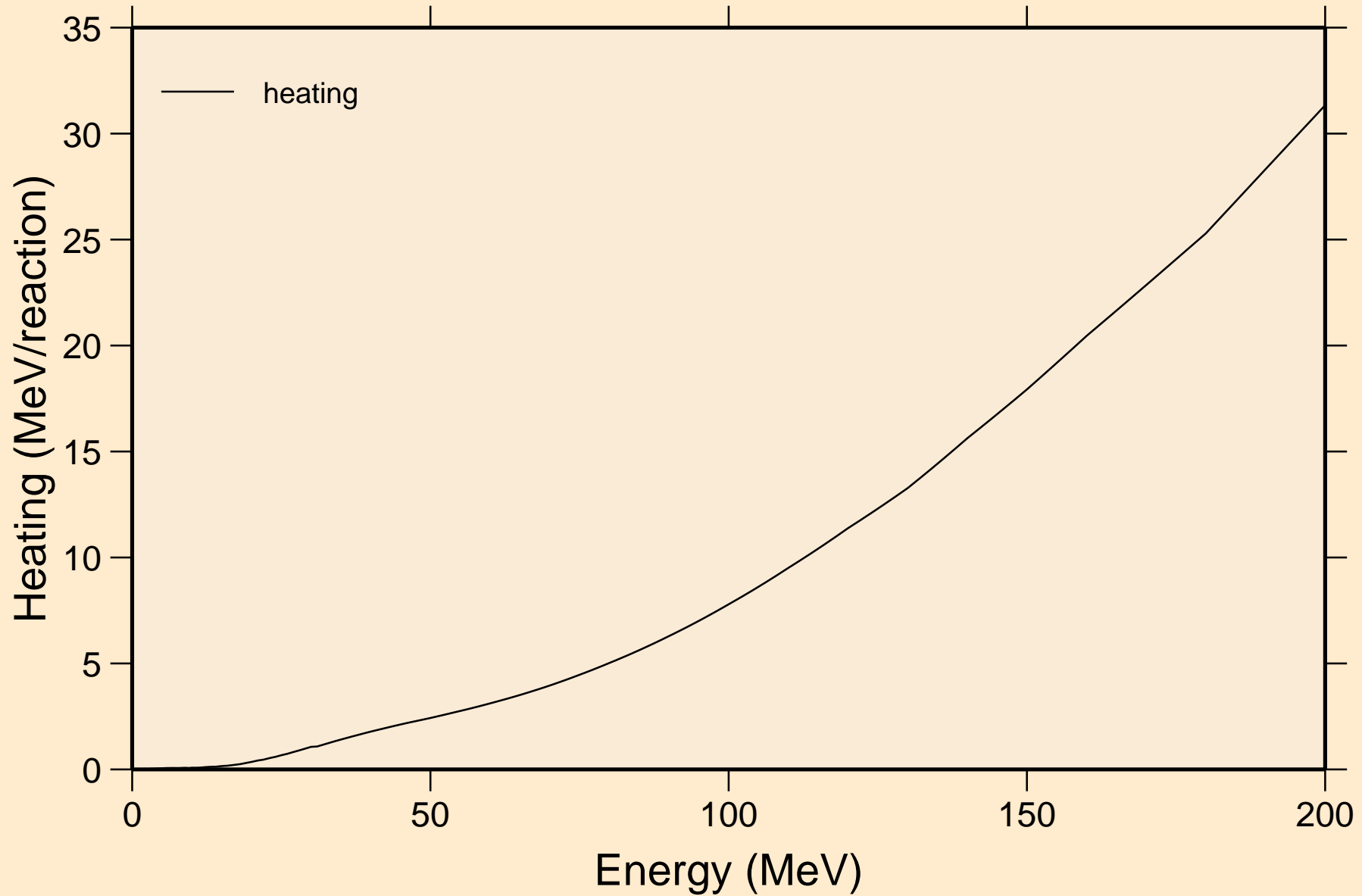


SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Principal cross sections

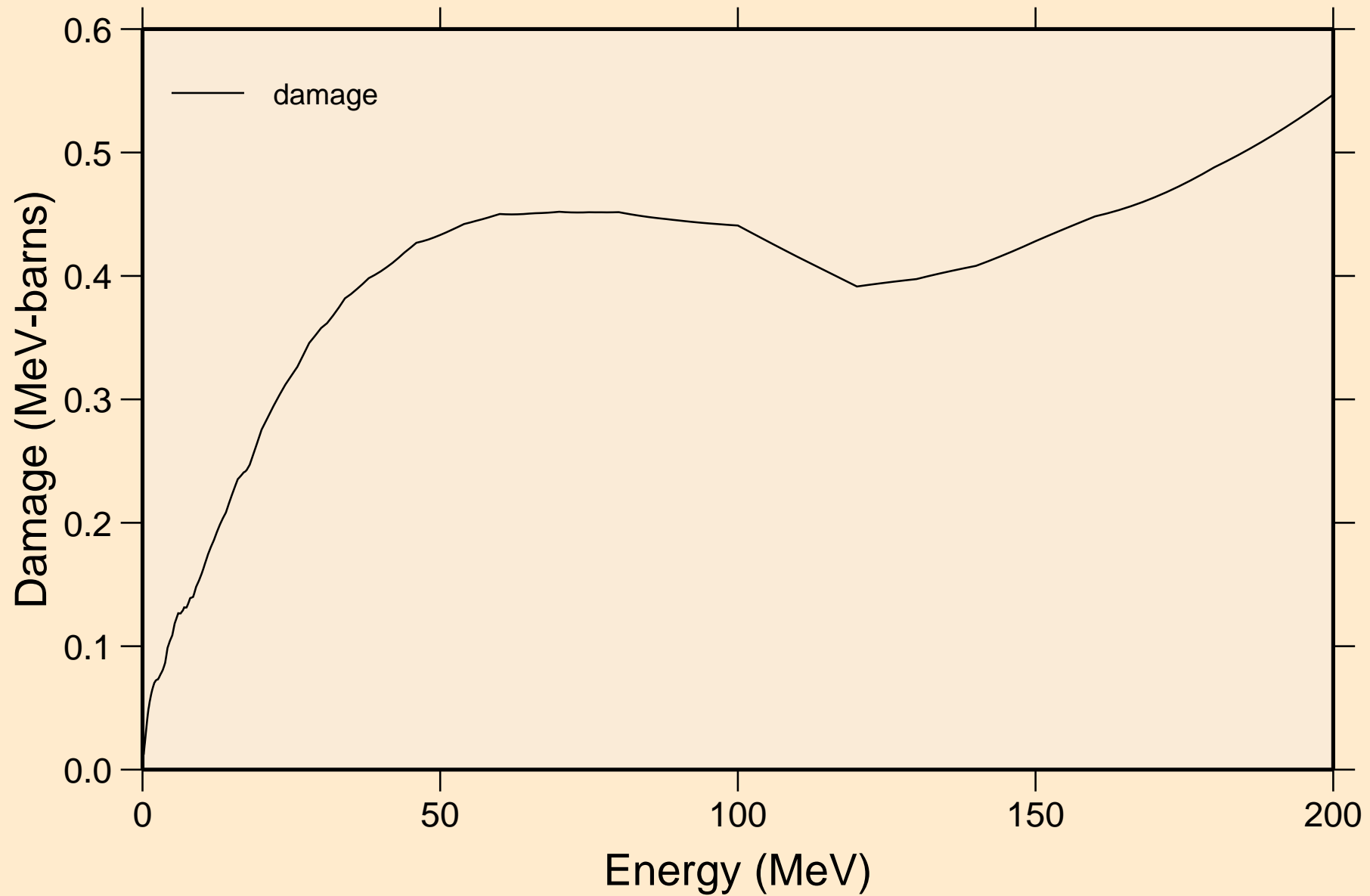


SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Heating



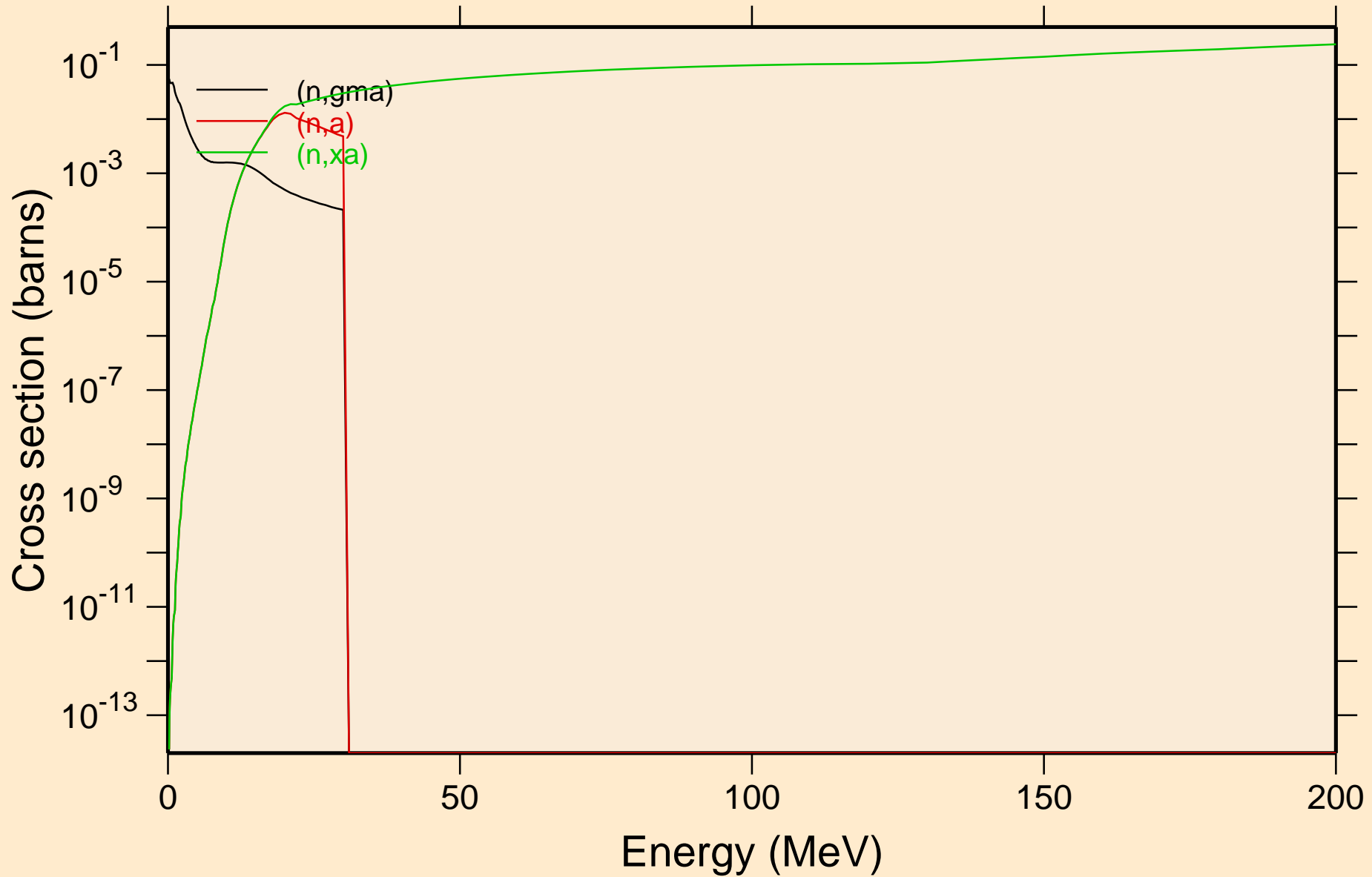
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Damage

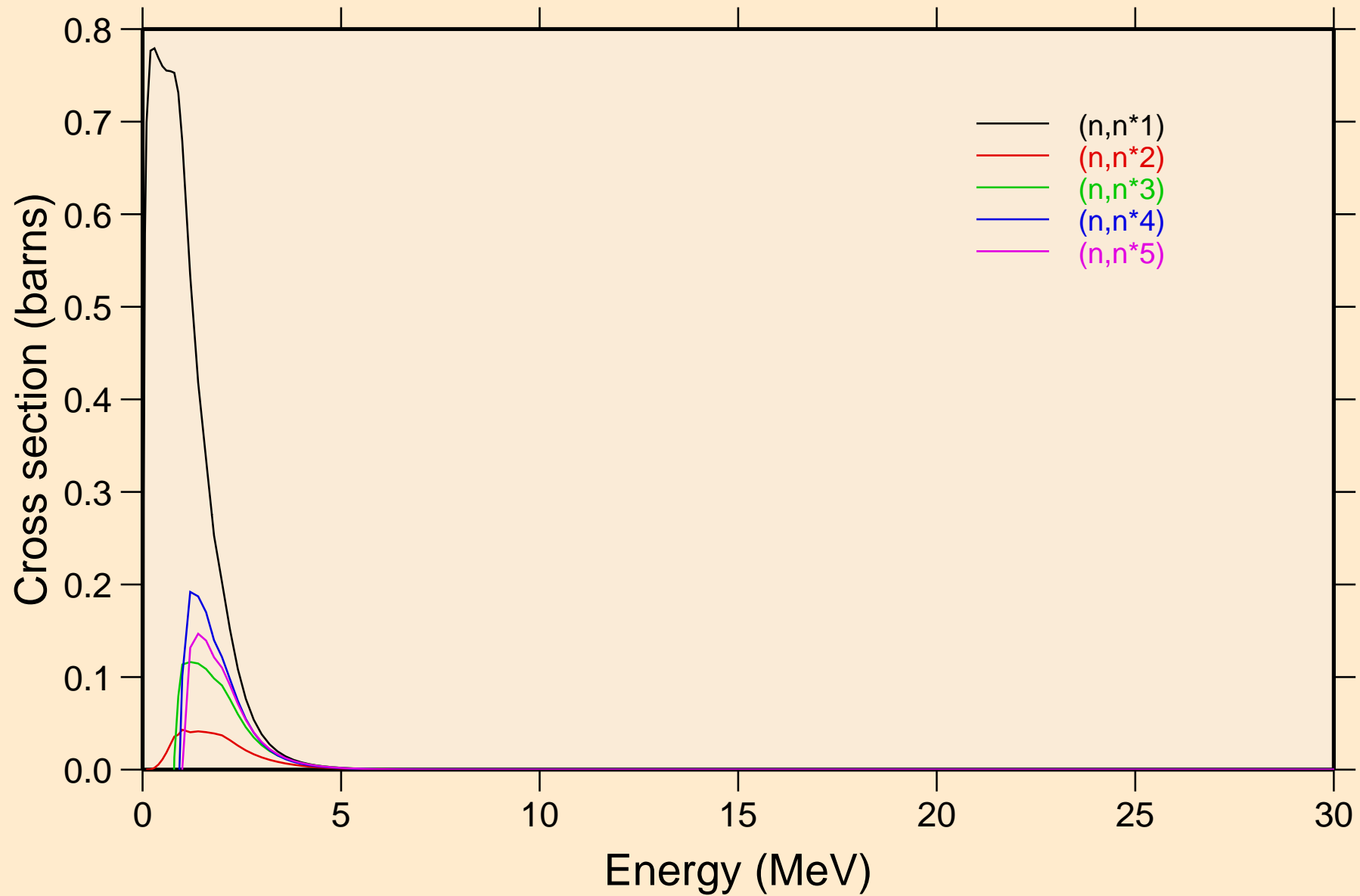


SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

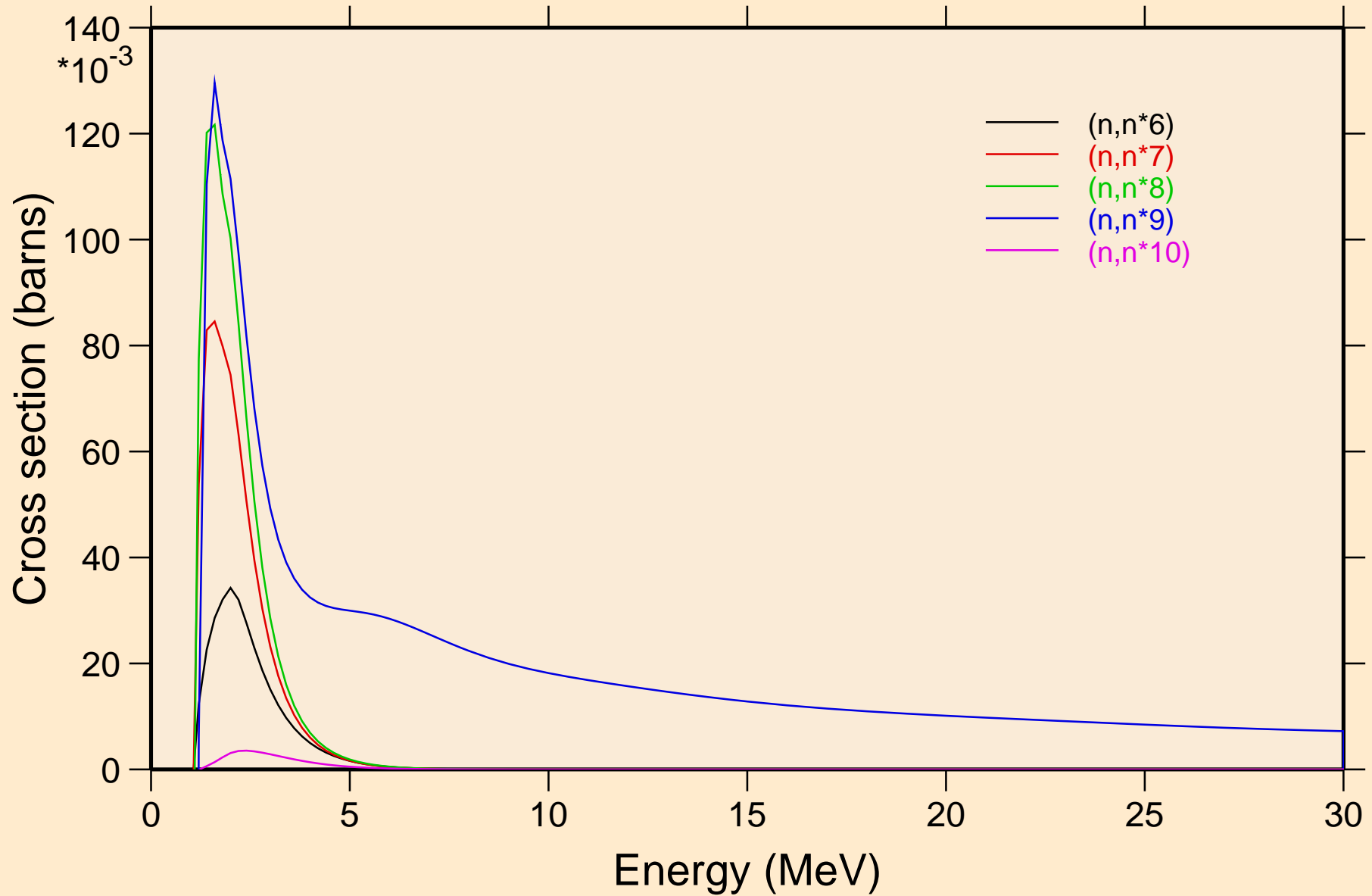
Non-threshold reactions



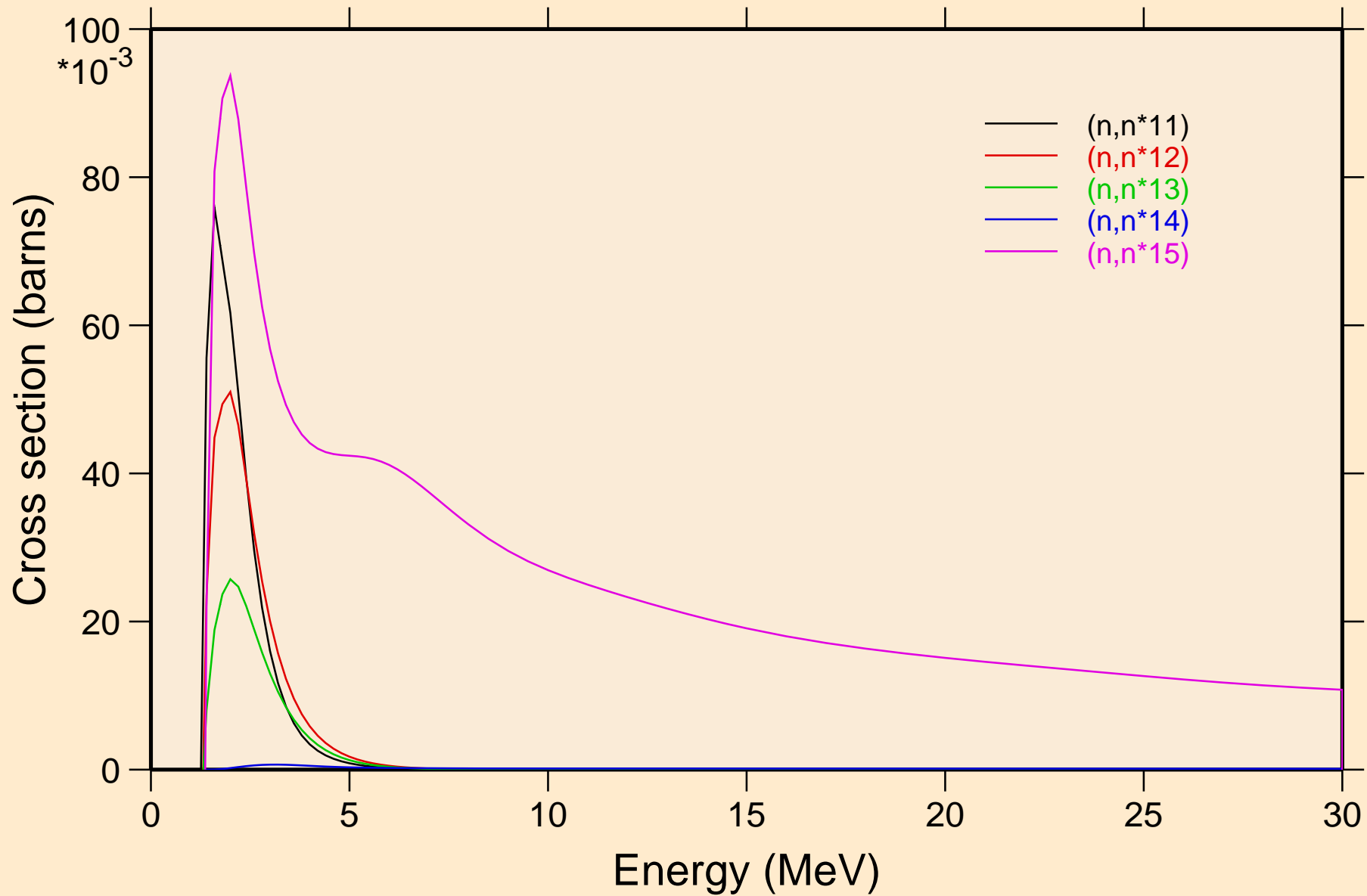
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



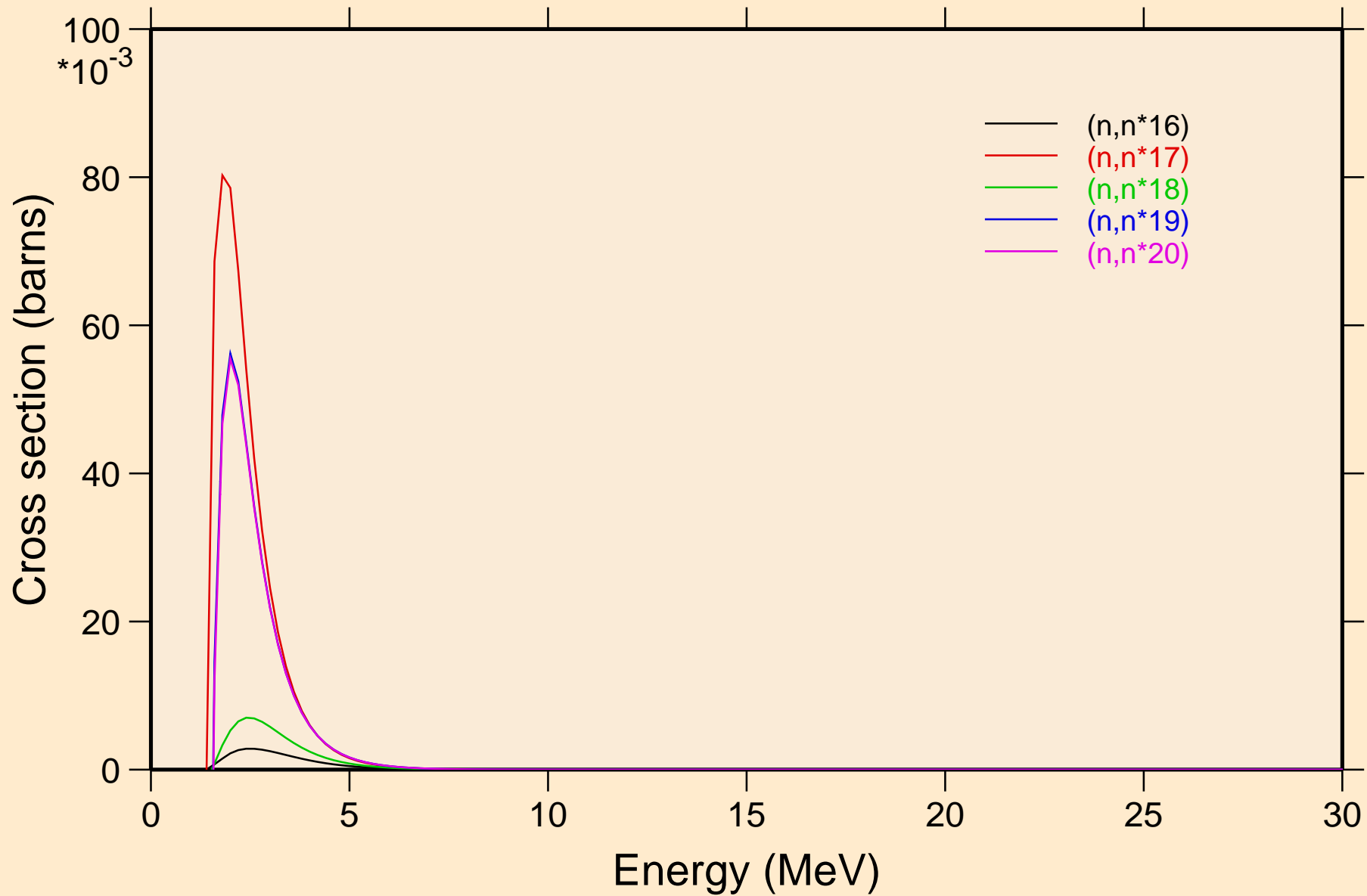
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



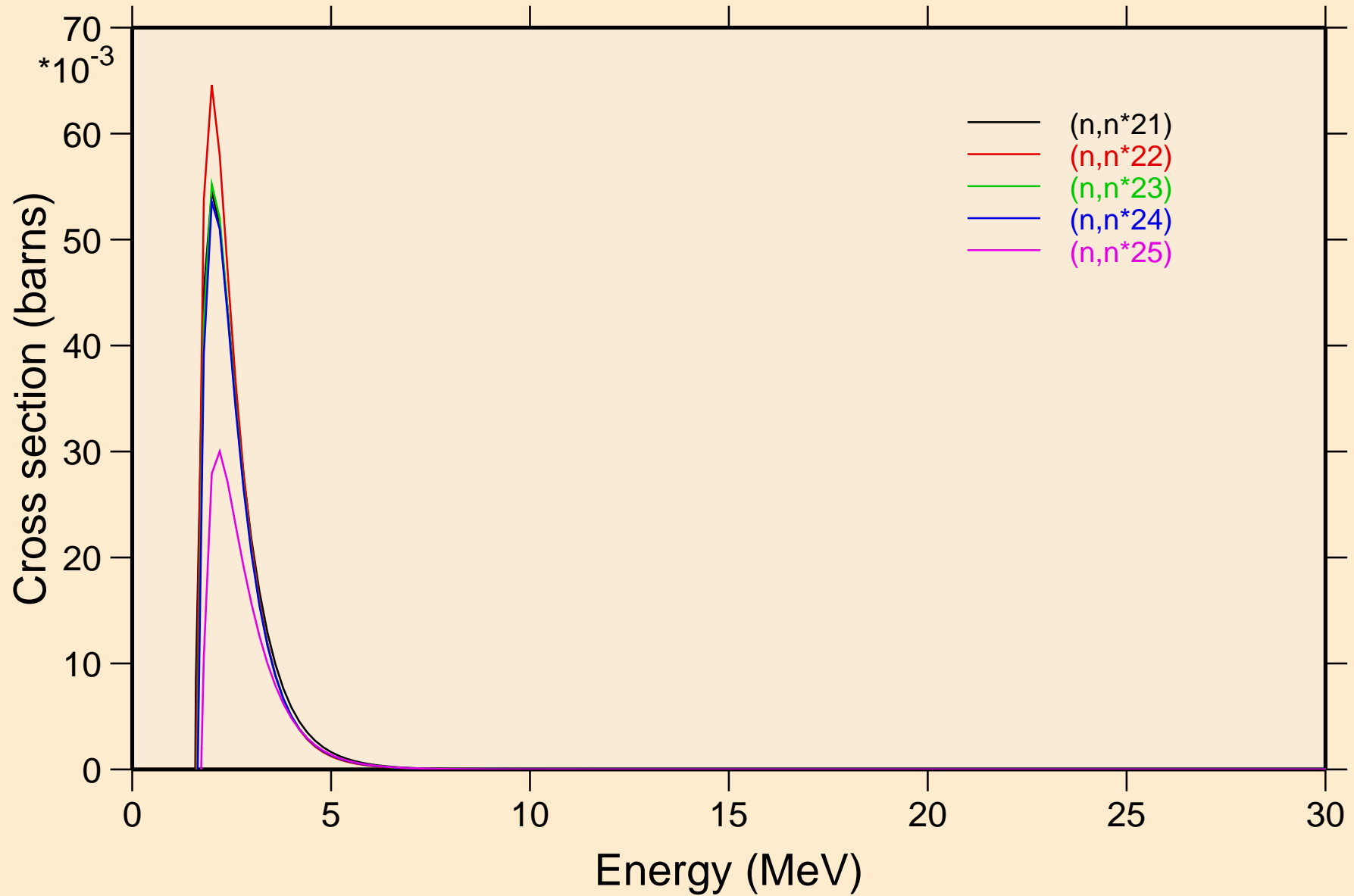
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



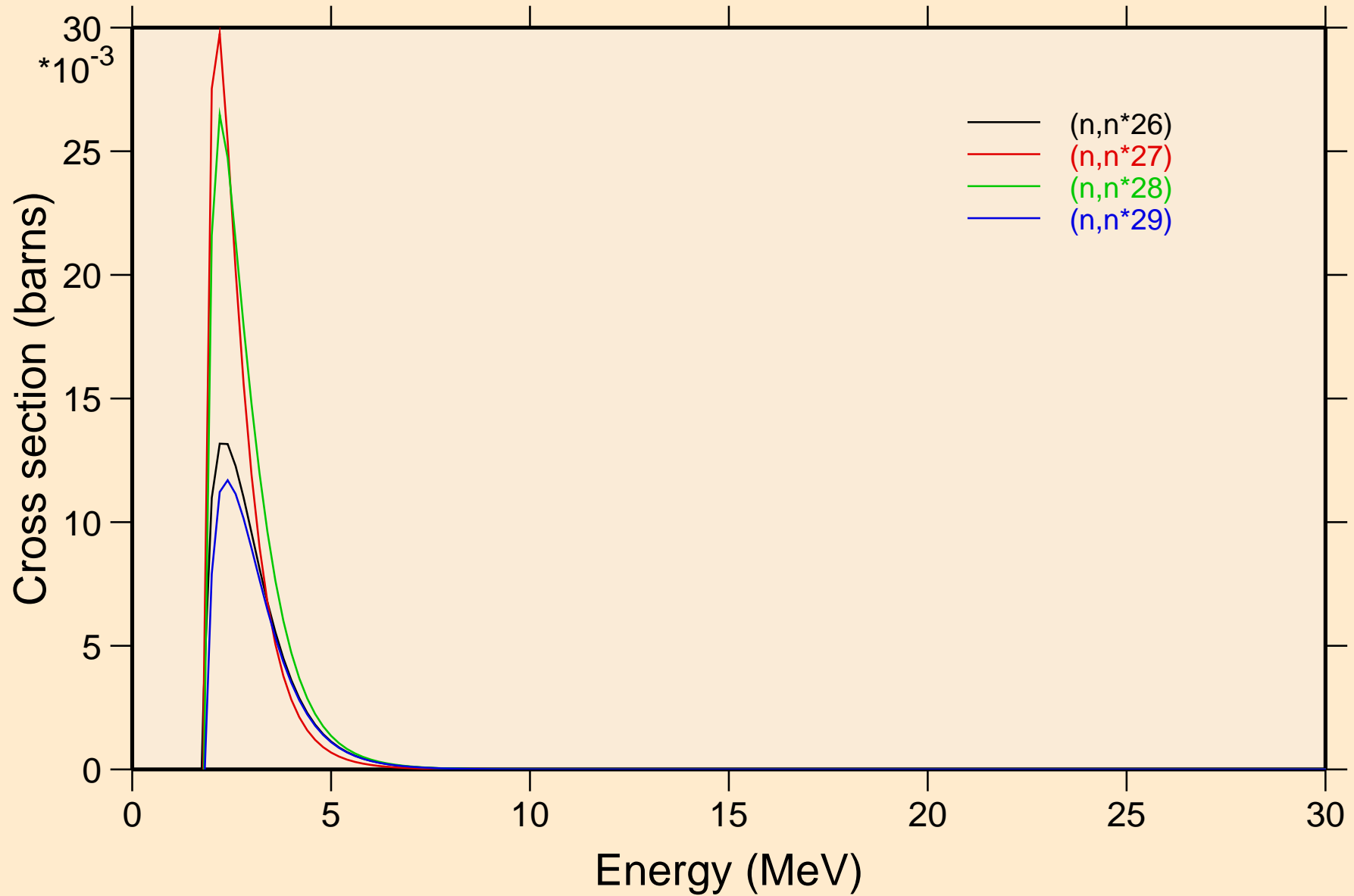
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels

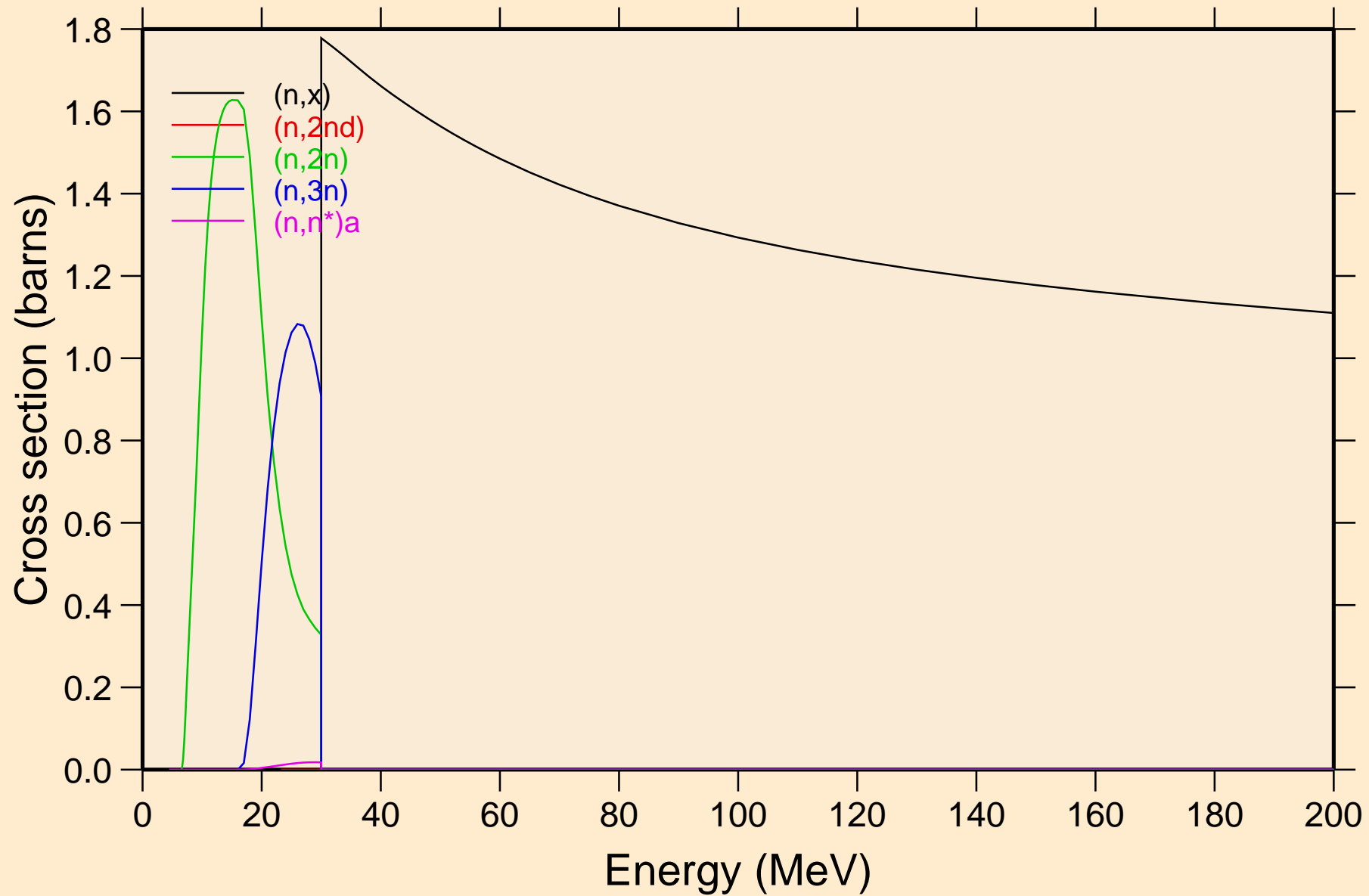


SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Inelastic levels



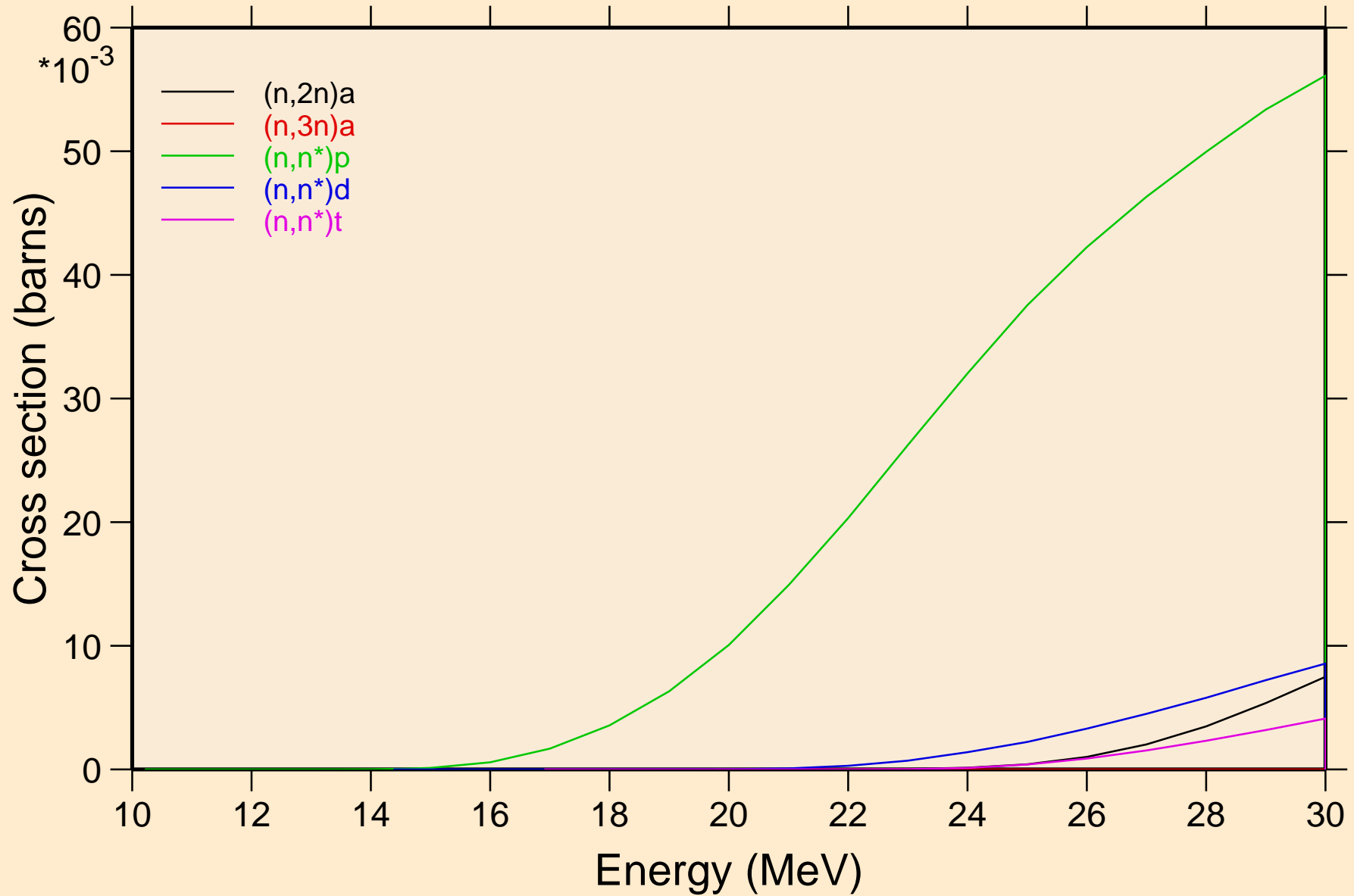
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Threshold reactions



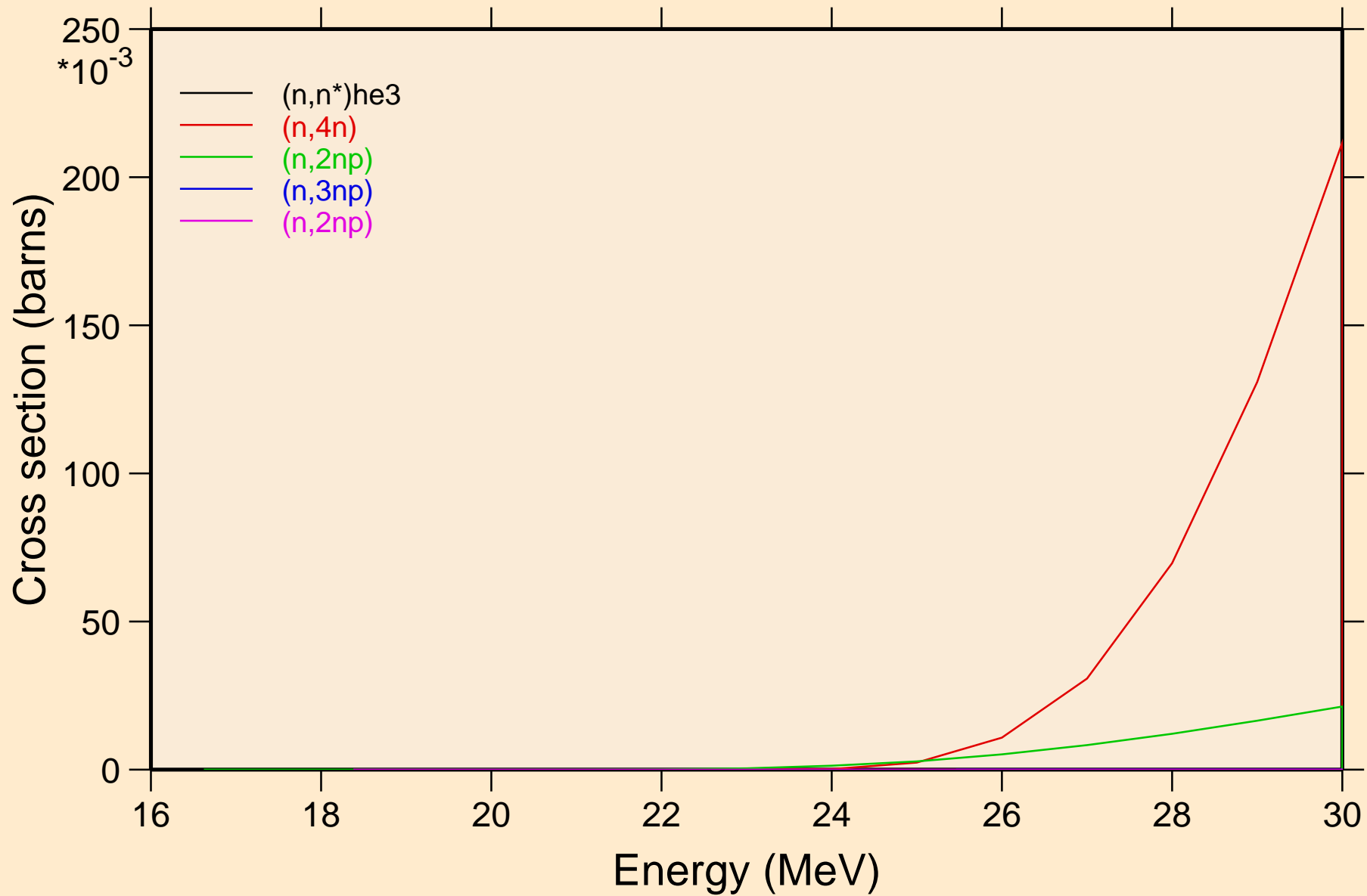
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Threshold reactions

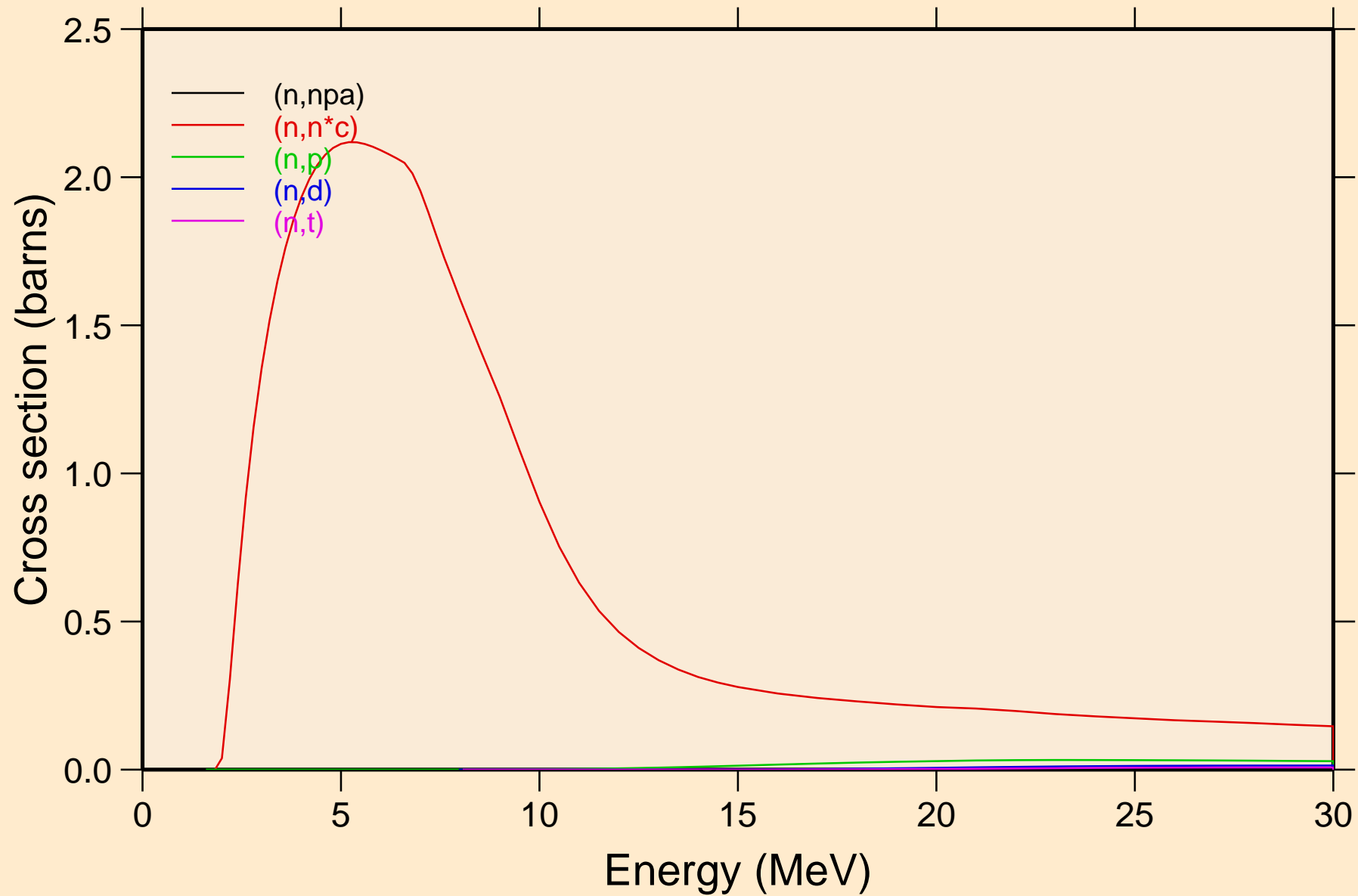


SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Threshold reactions

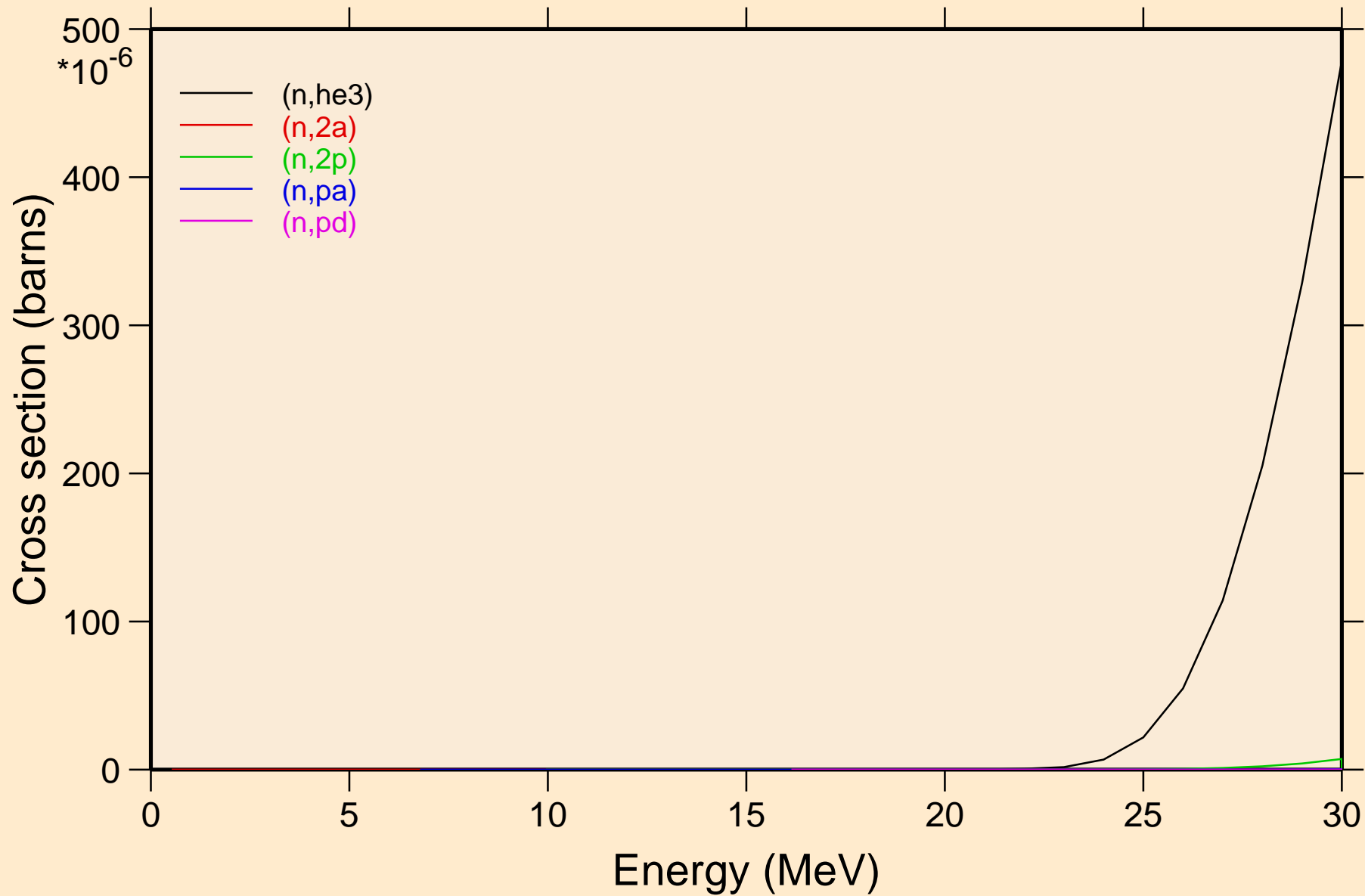


SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

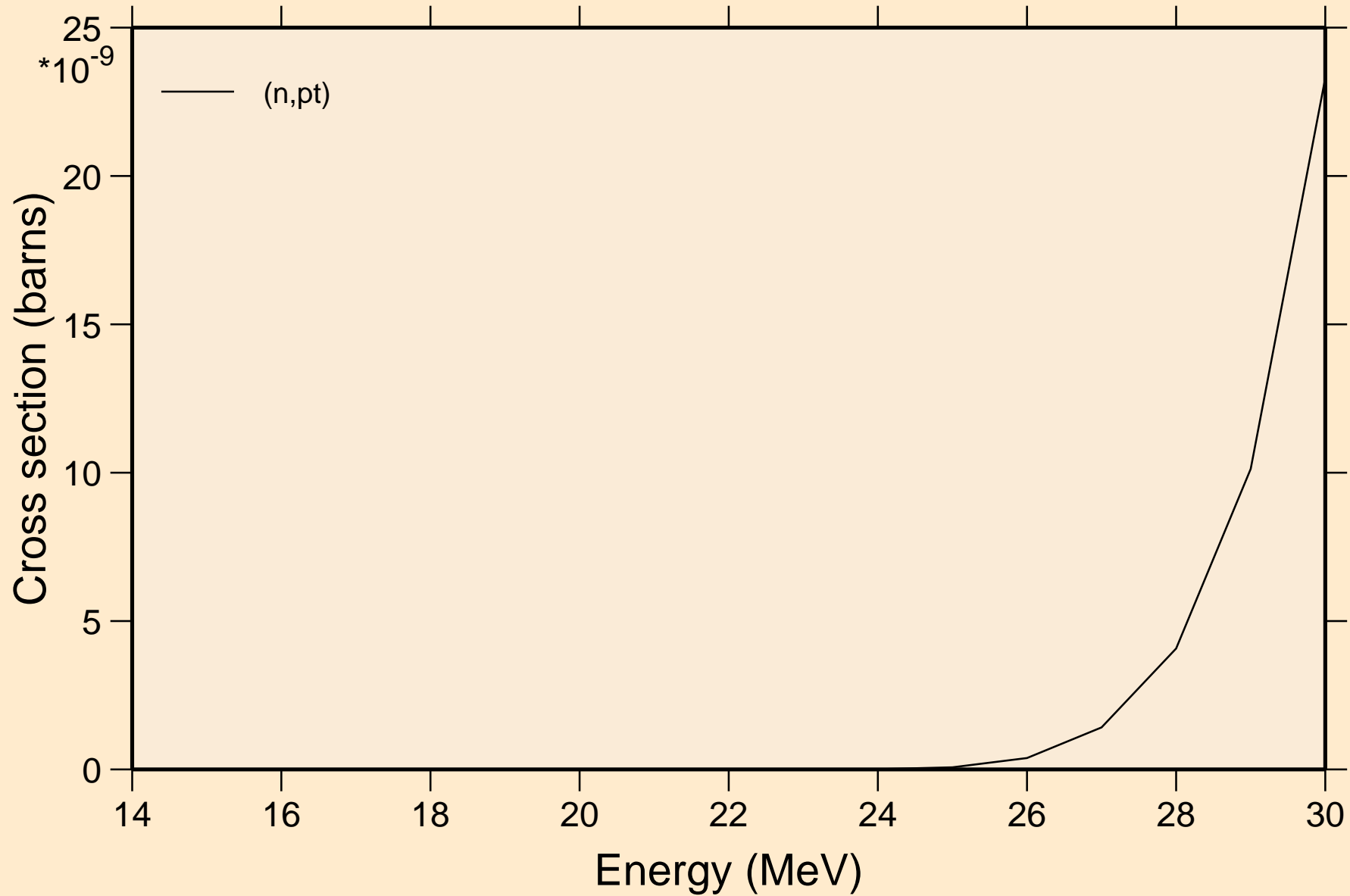


SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Threshold reactions

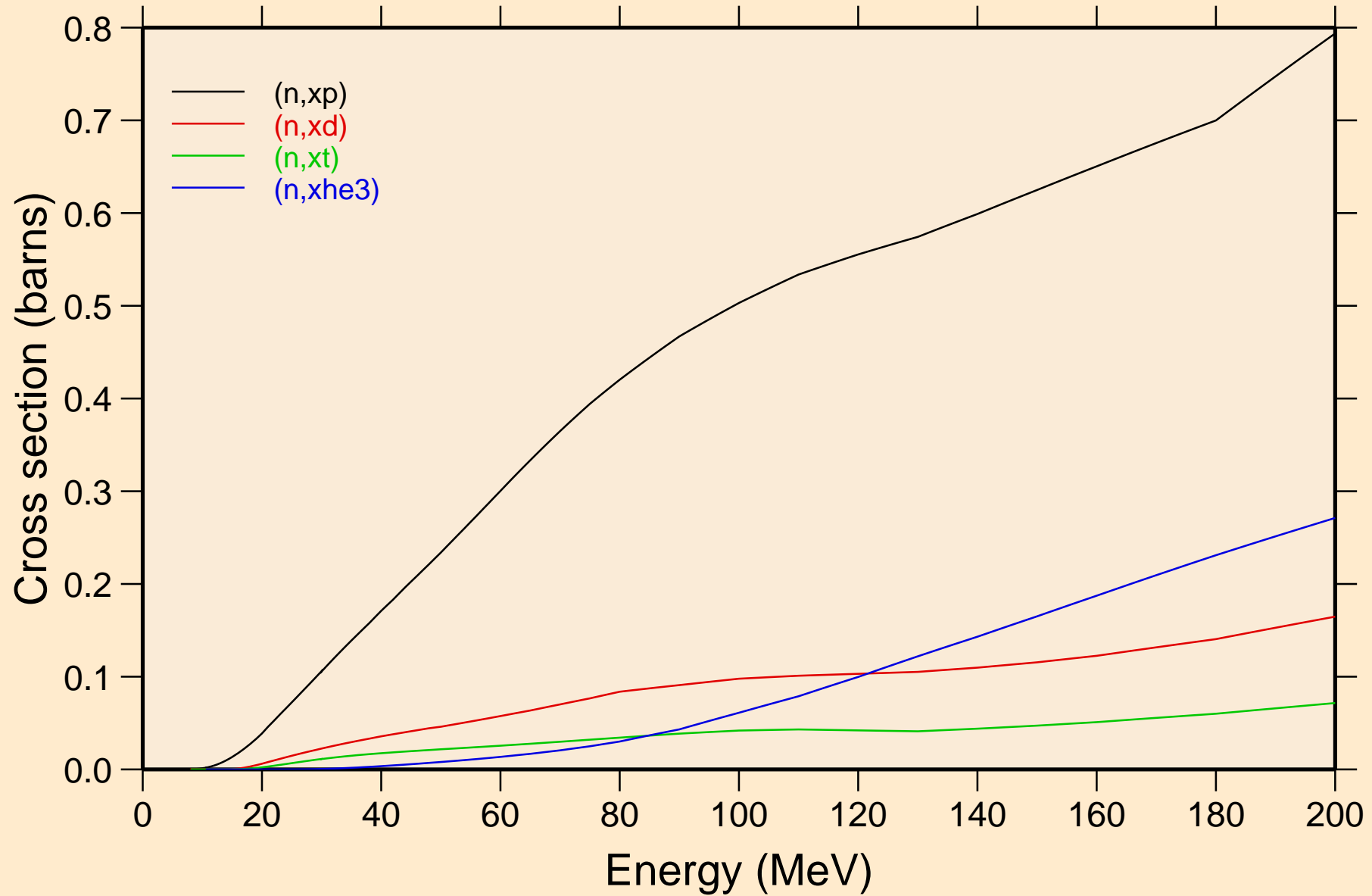


SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Threshold reactions

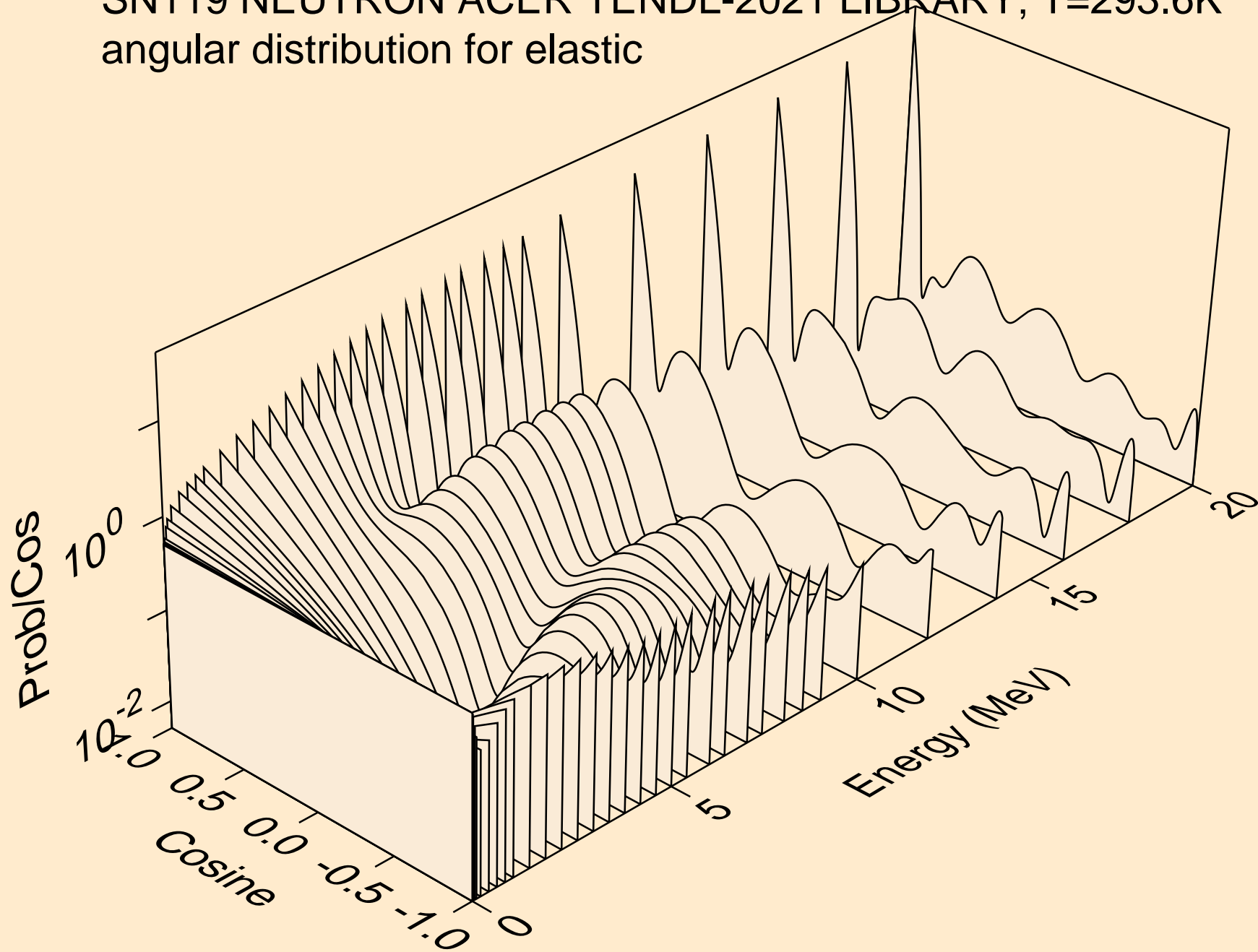


SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

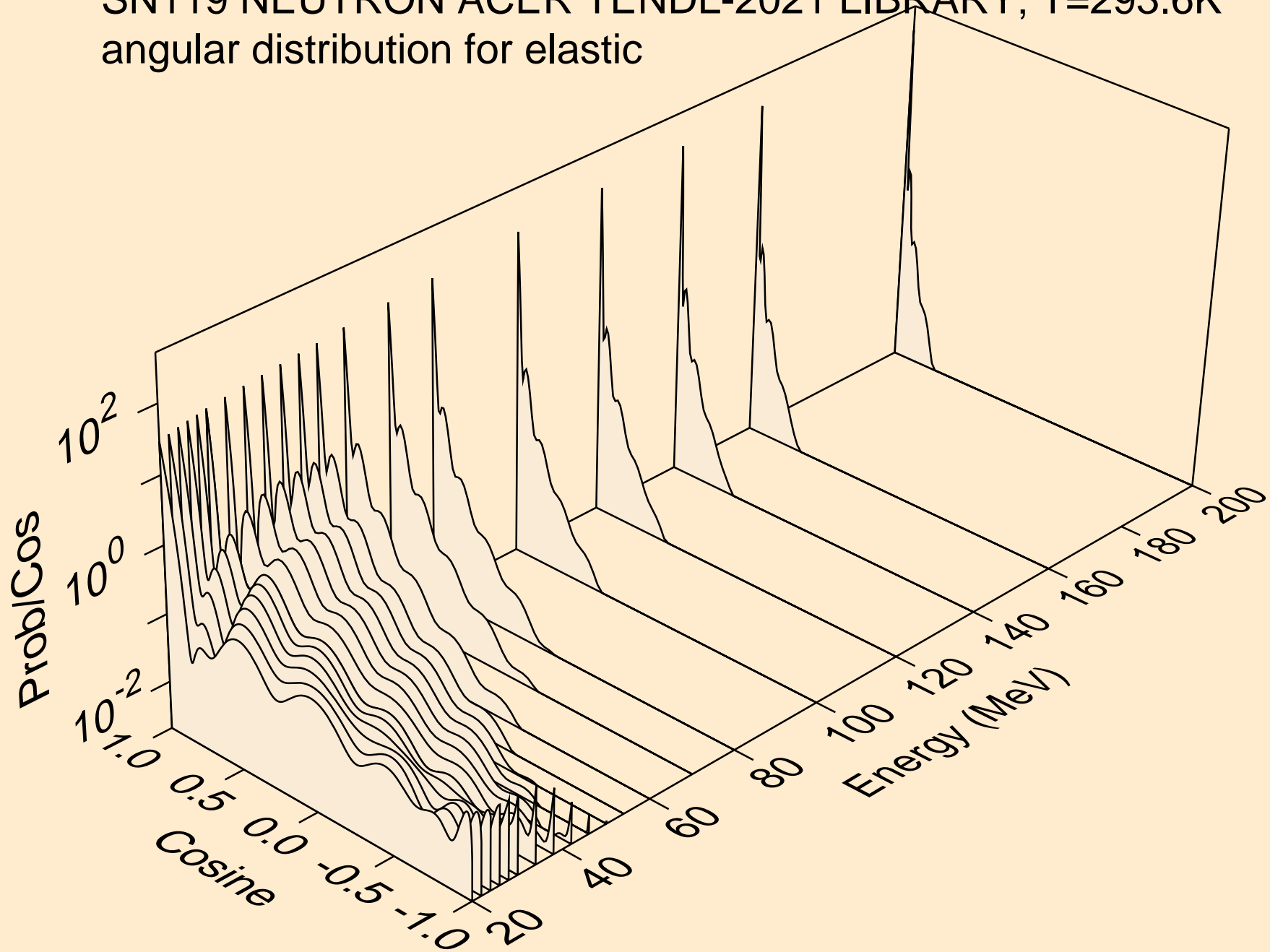
Threshold reactions



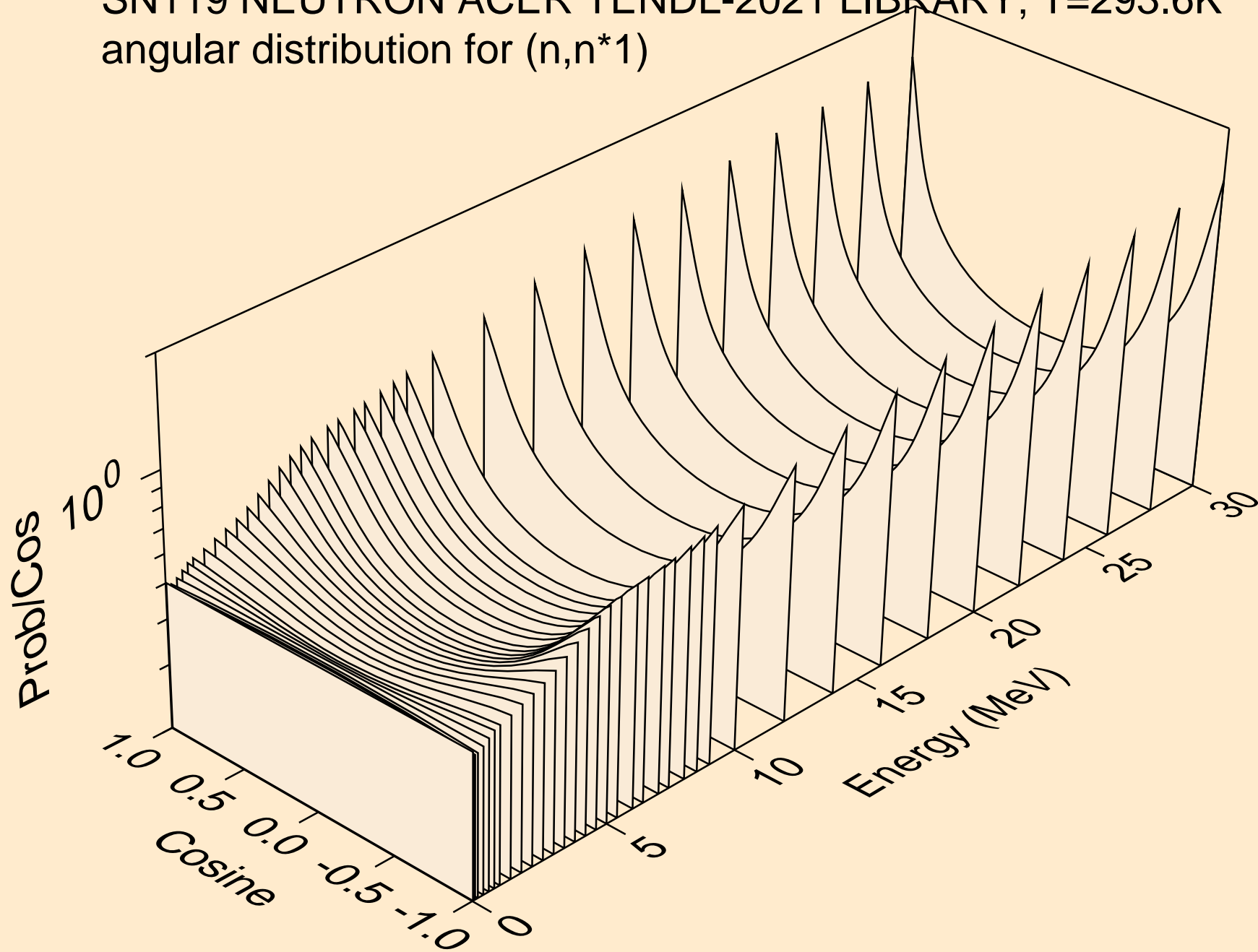
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for elastic



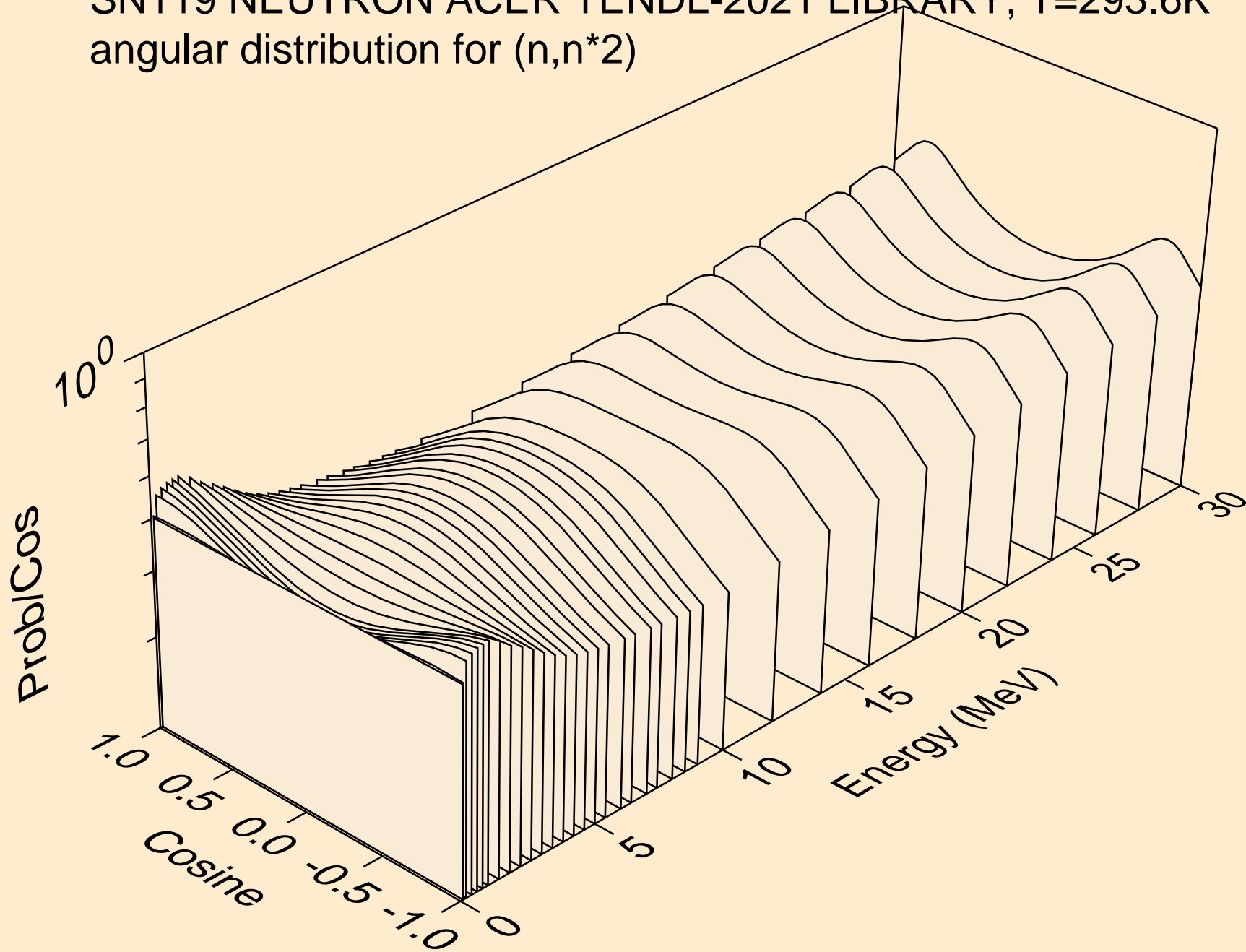
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for elastic



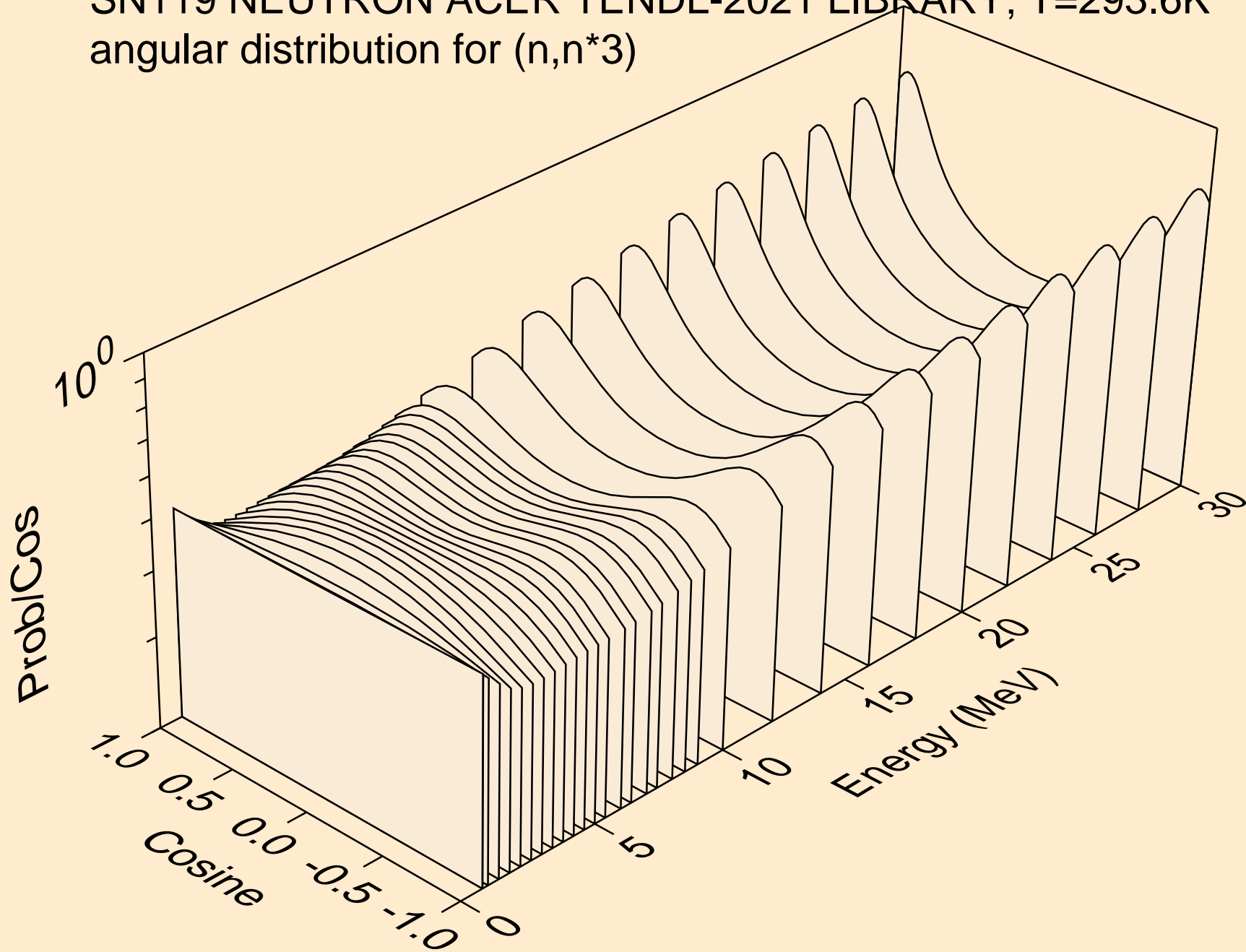
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*1)



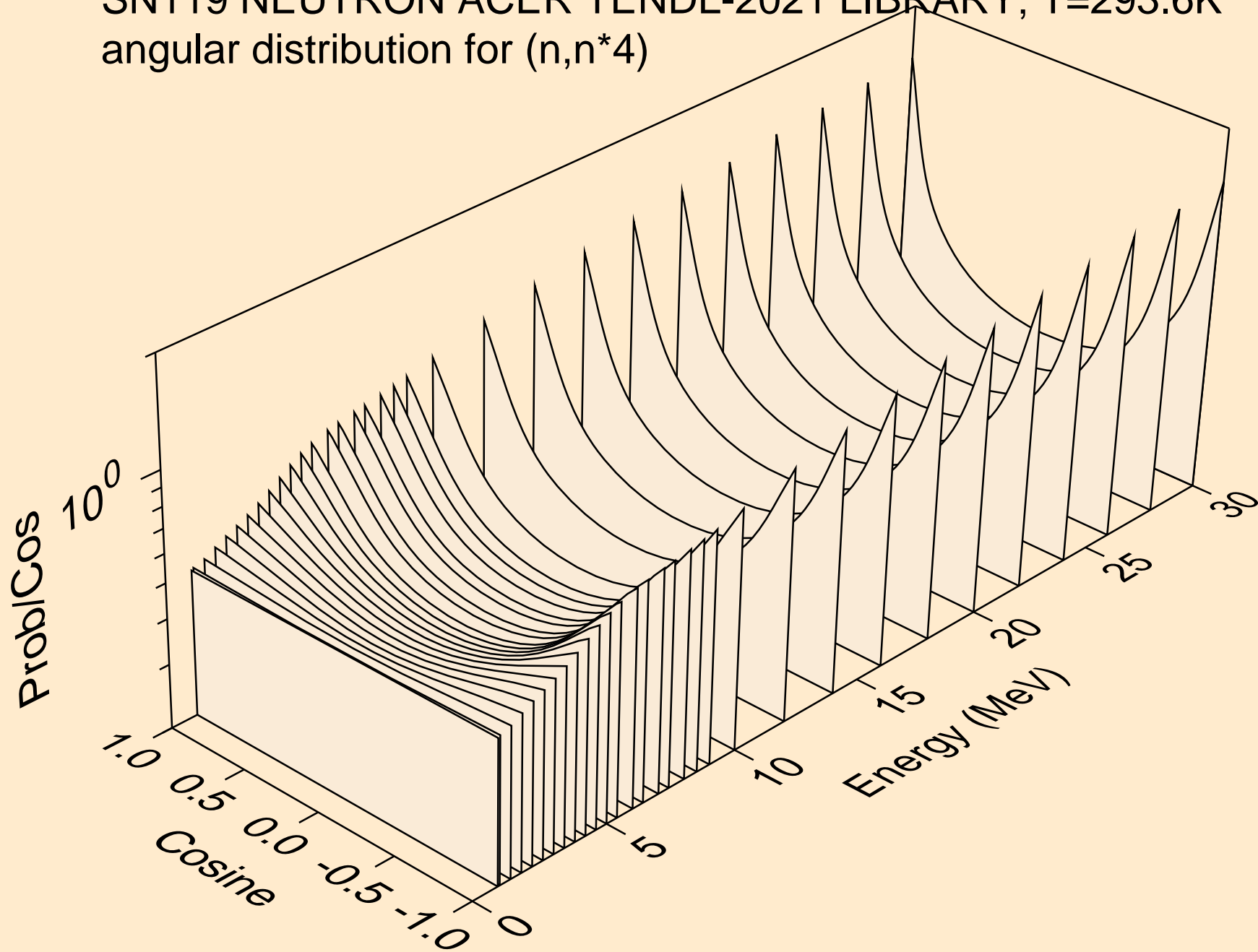
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*2)



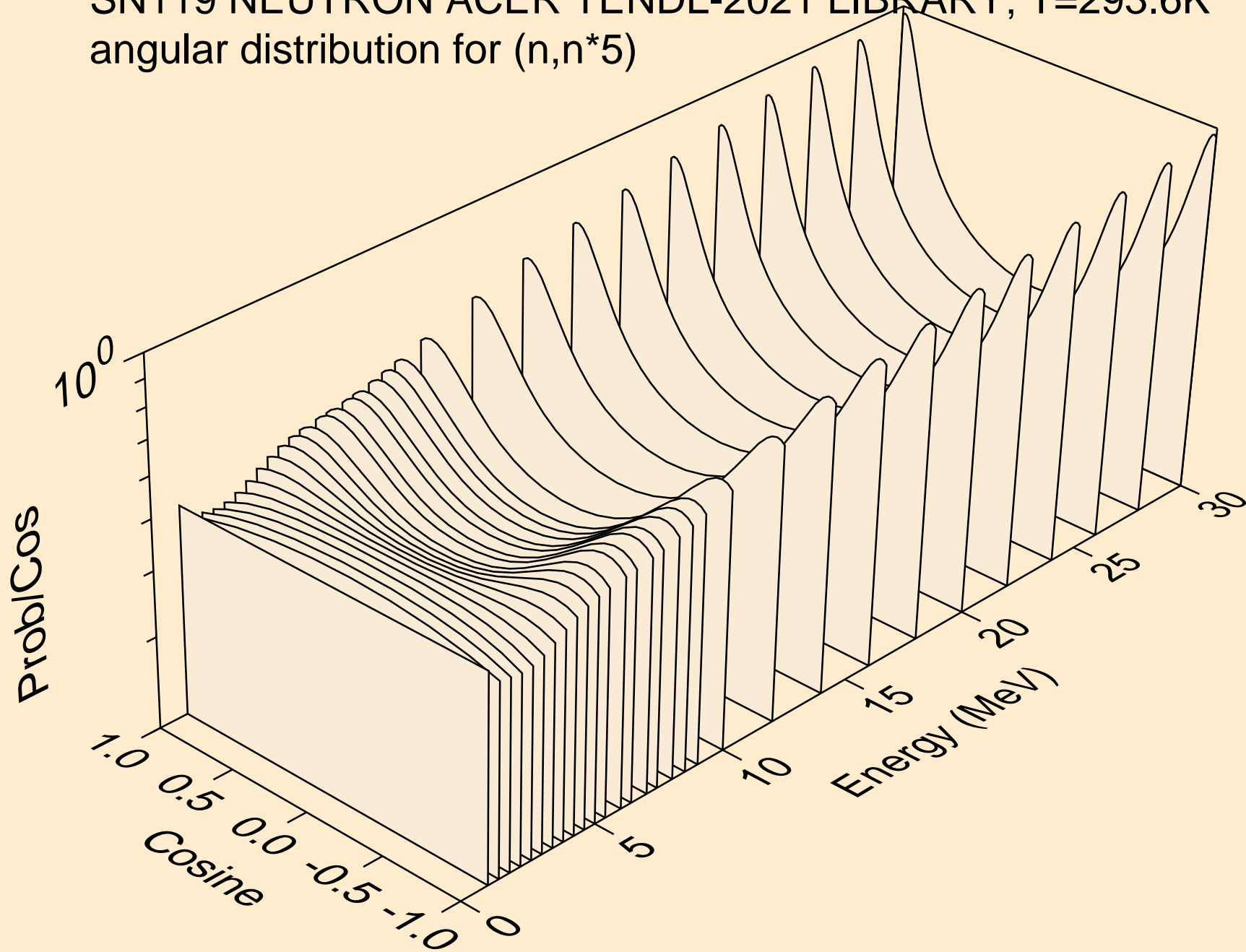
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*3)



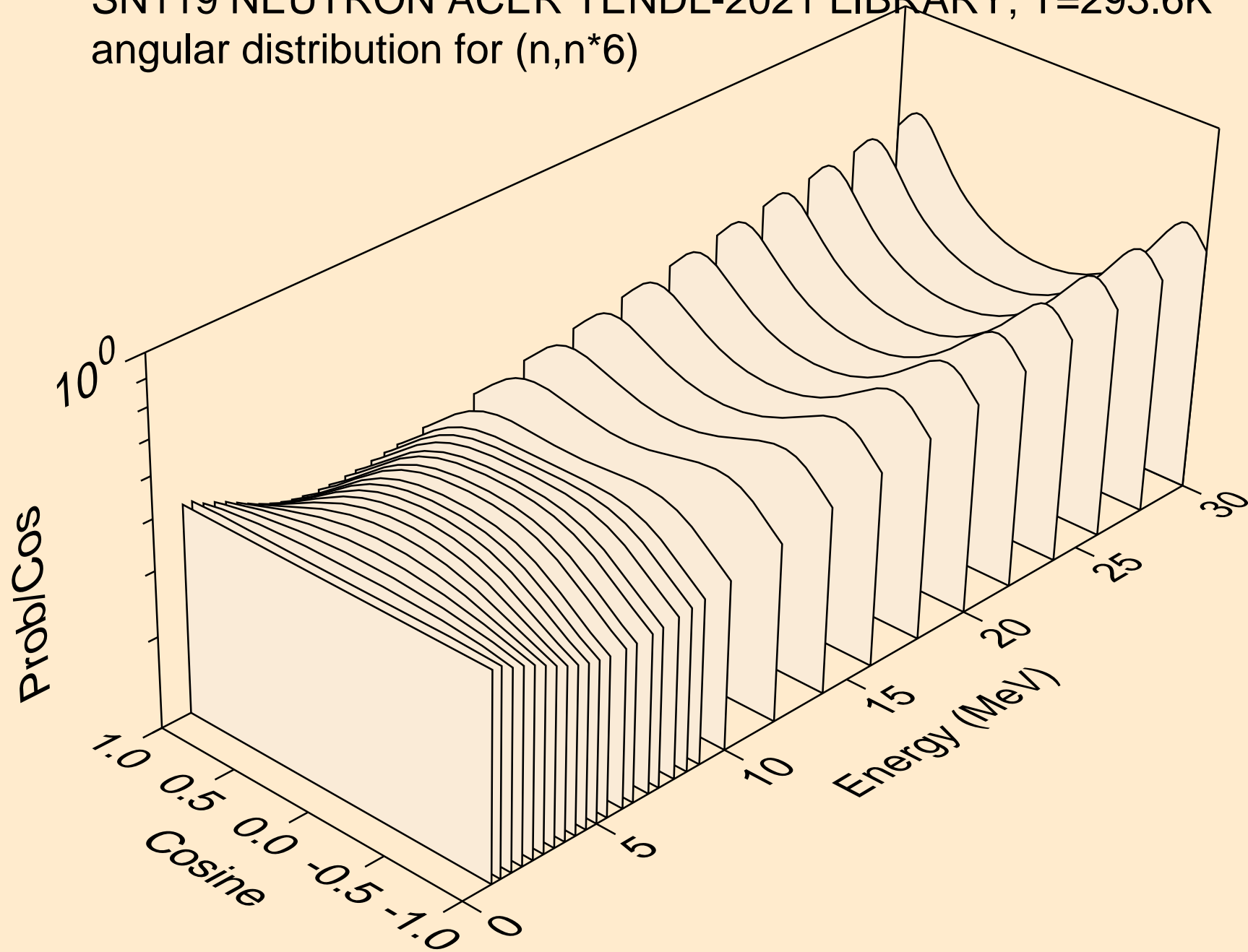
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*4)



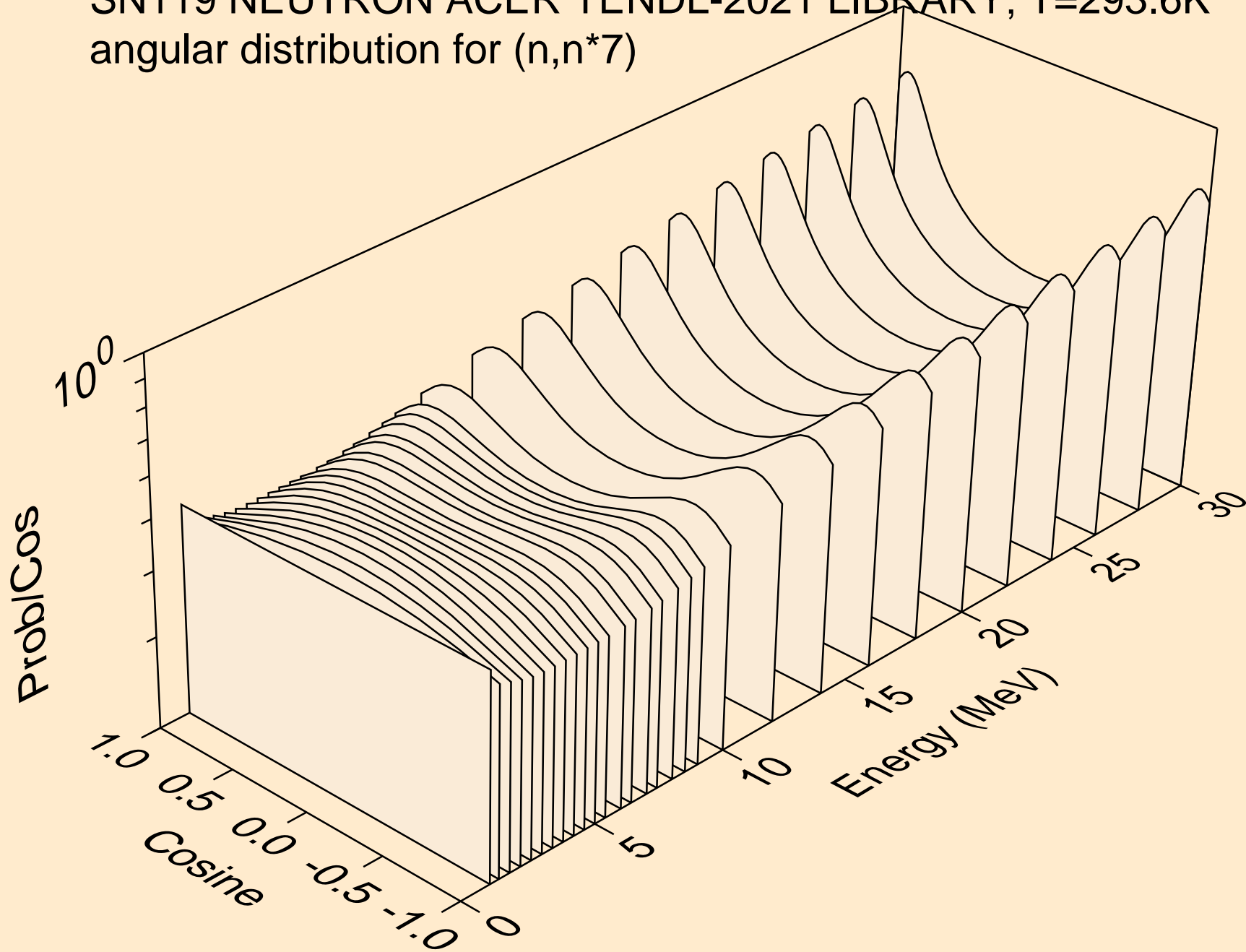
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*5)



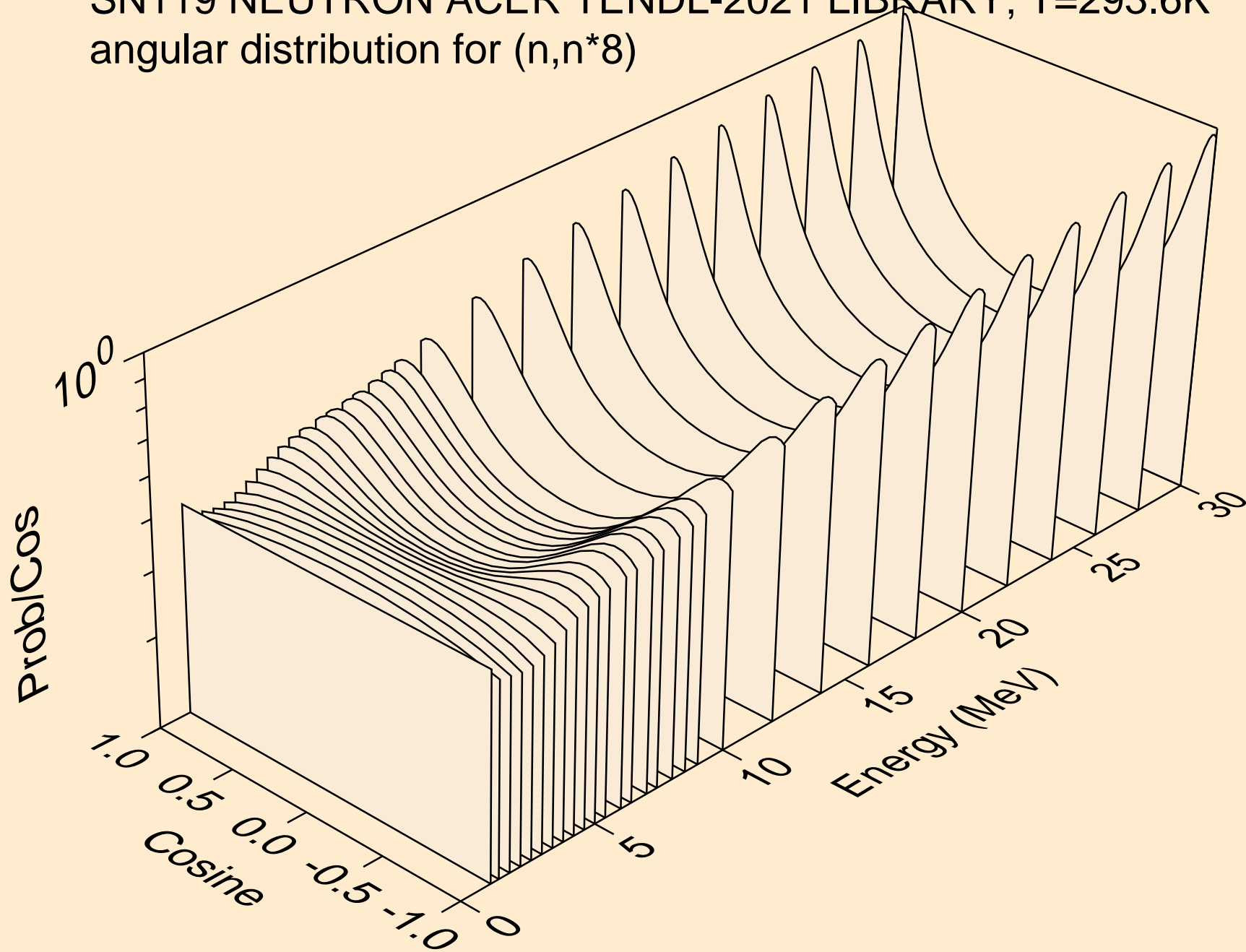
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*6)



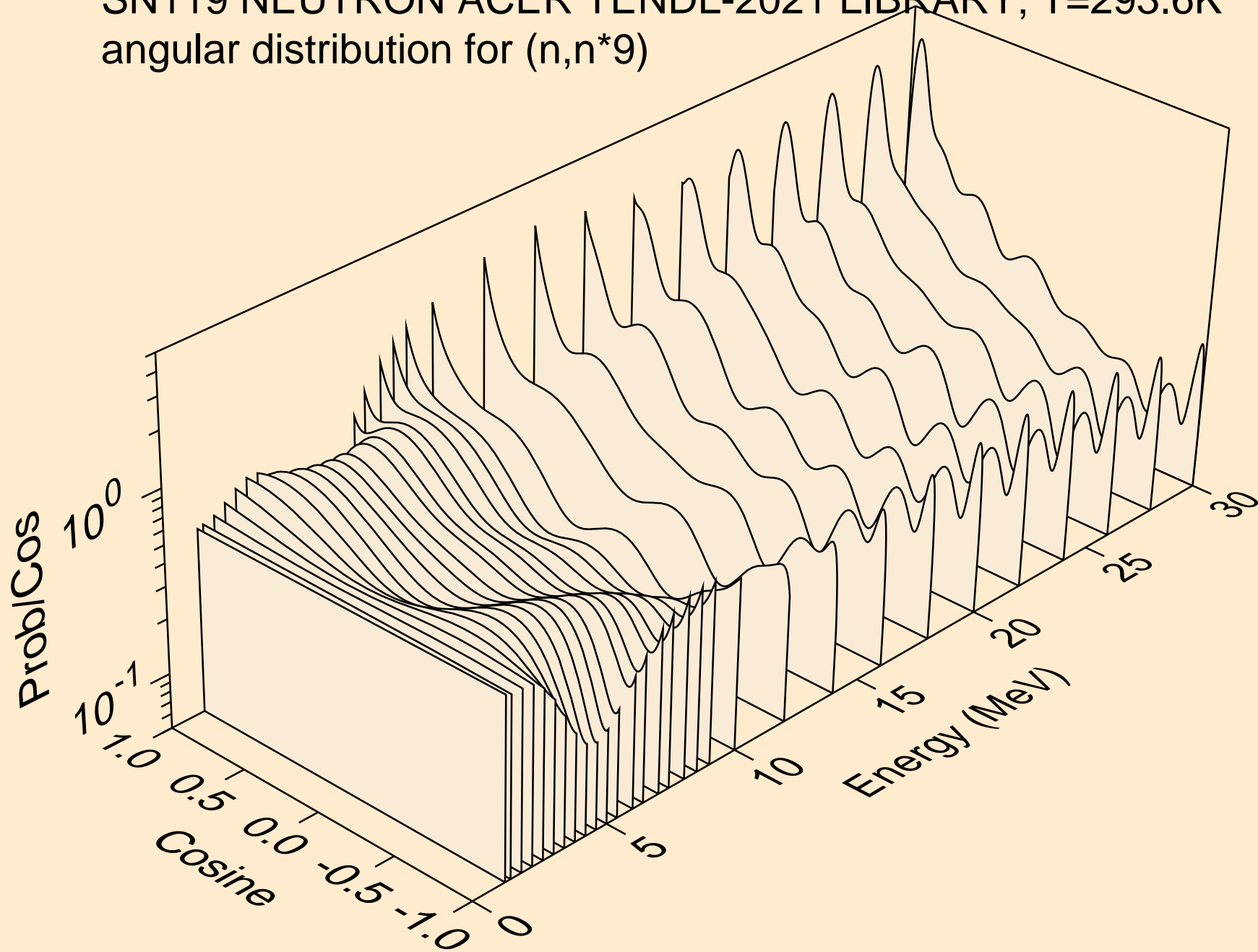
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angular distribution for (n,n*7)



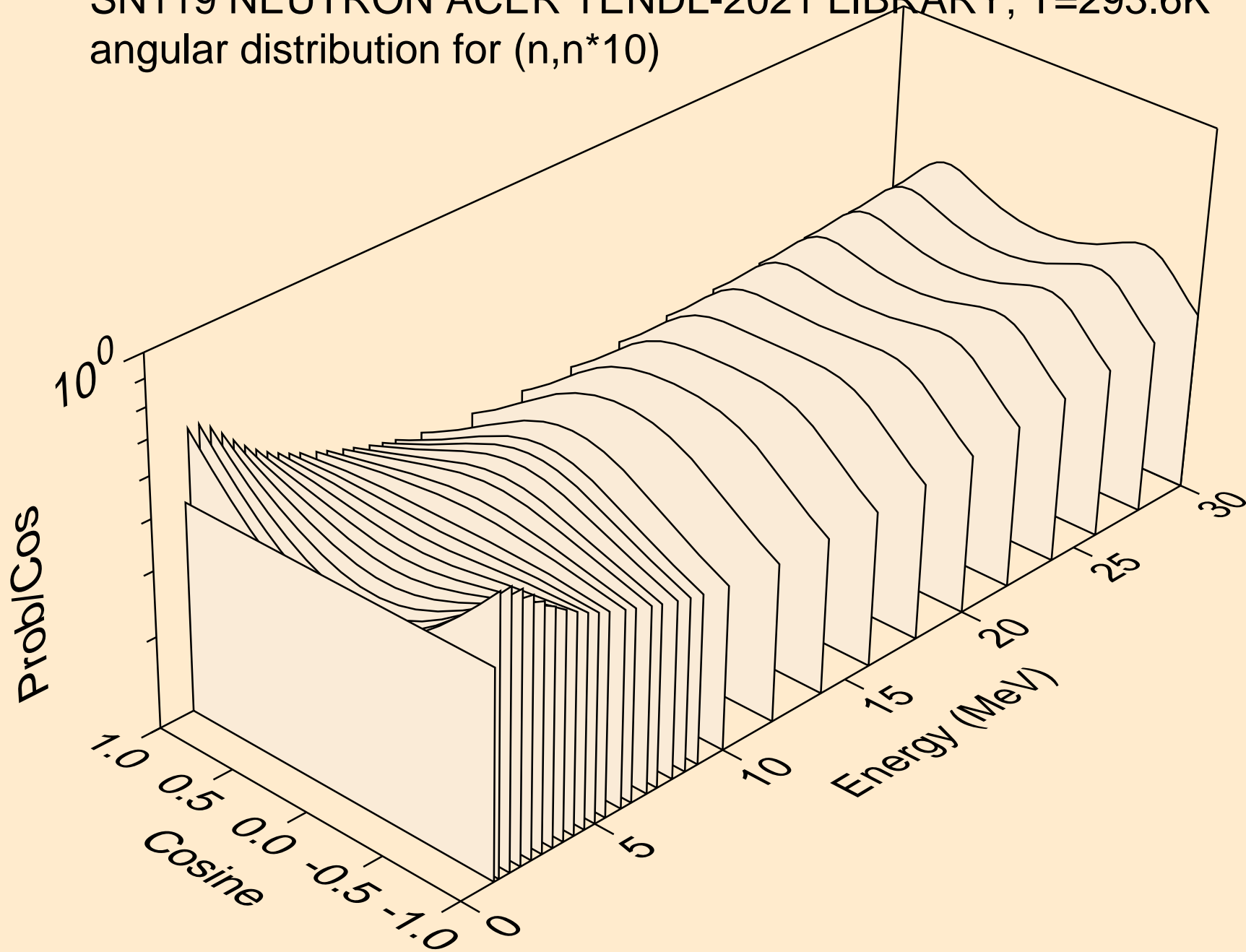
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angular distribution for (n,n*8)



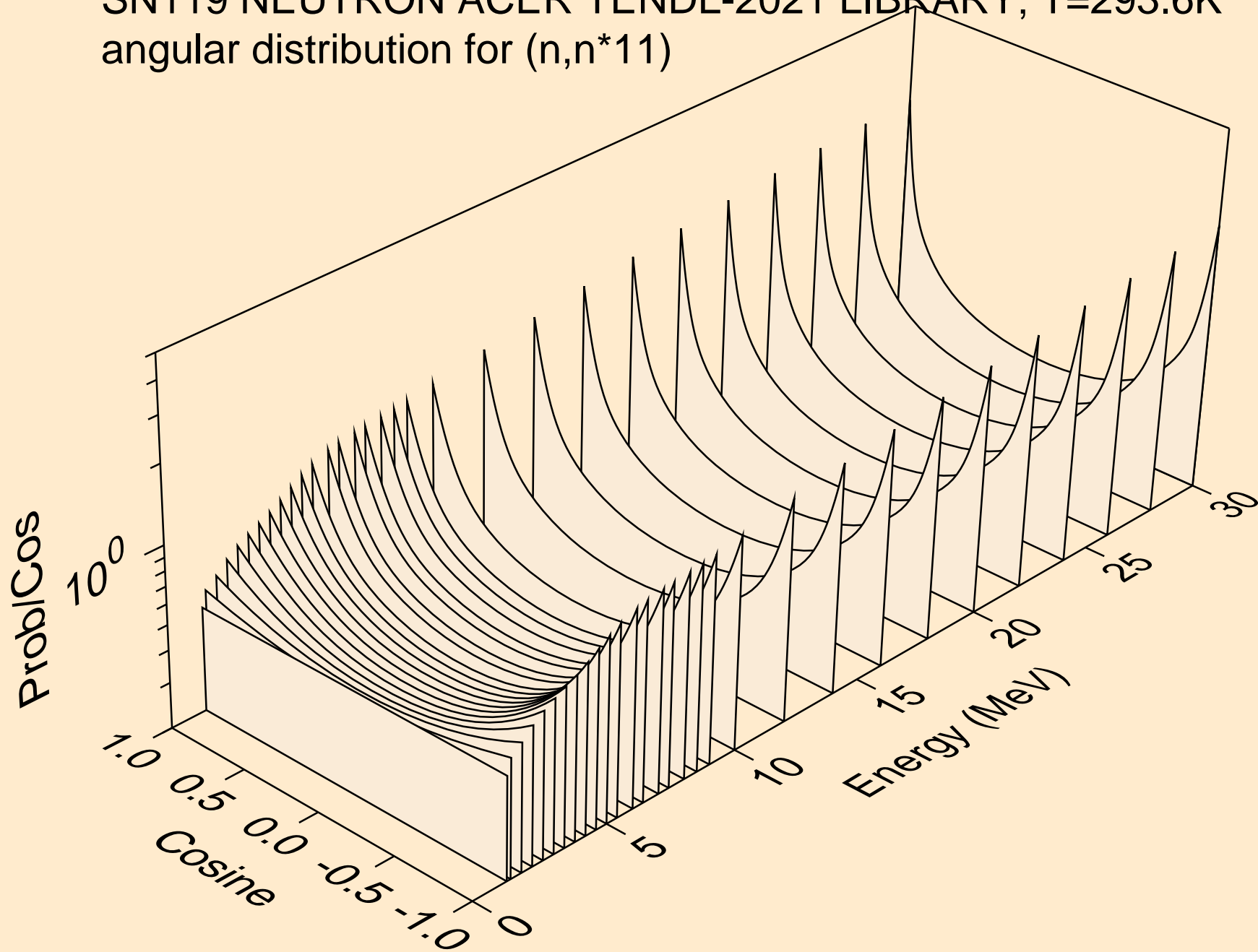
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angular distribution for (n,n*9)



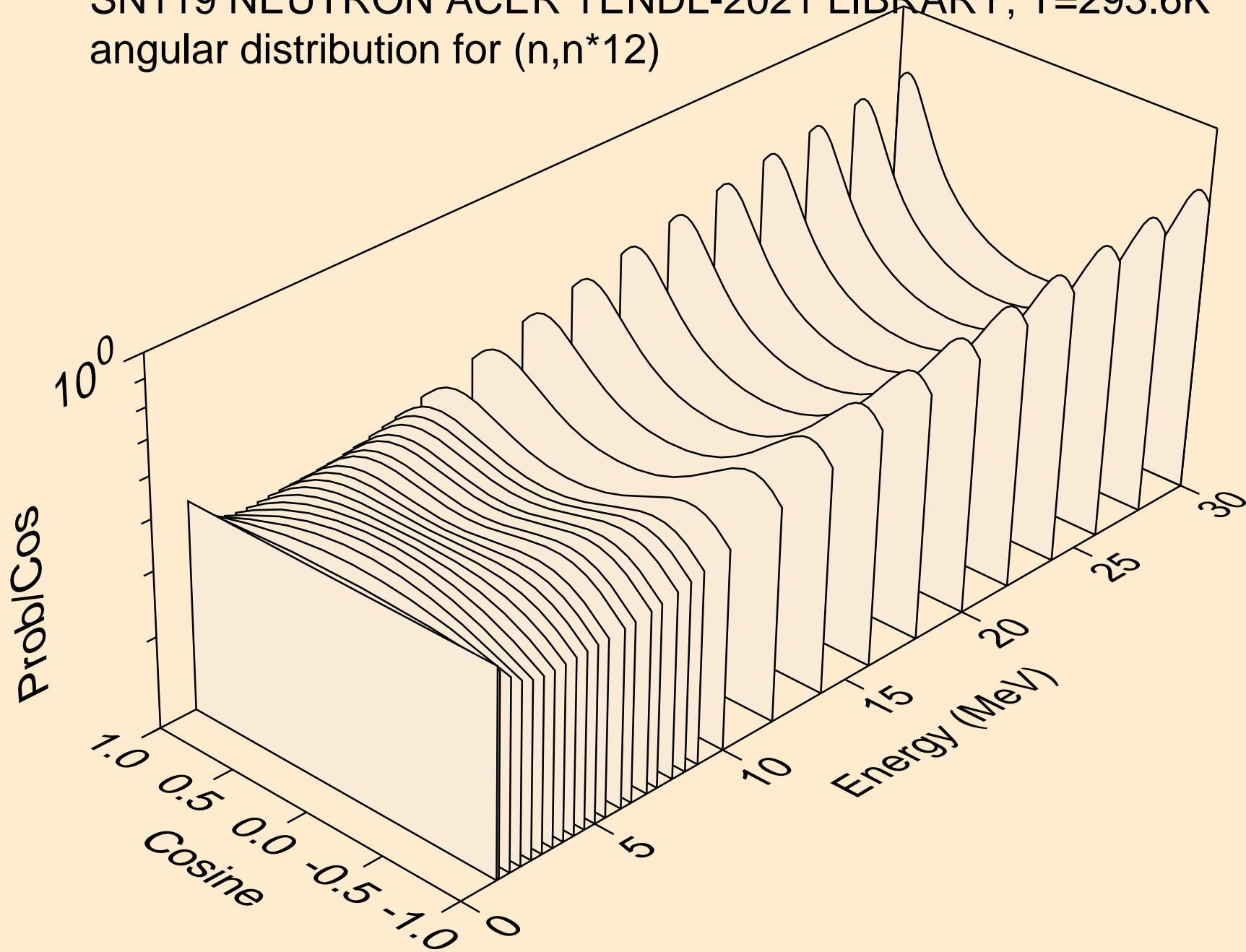
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angular distribution for (n,n*10)



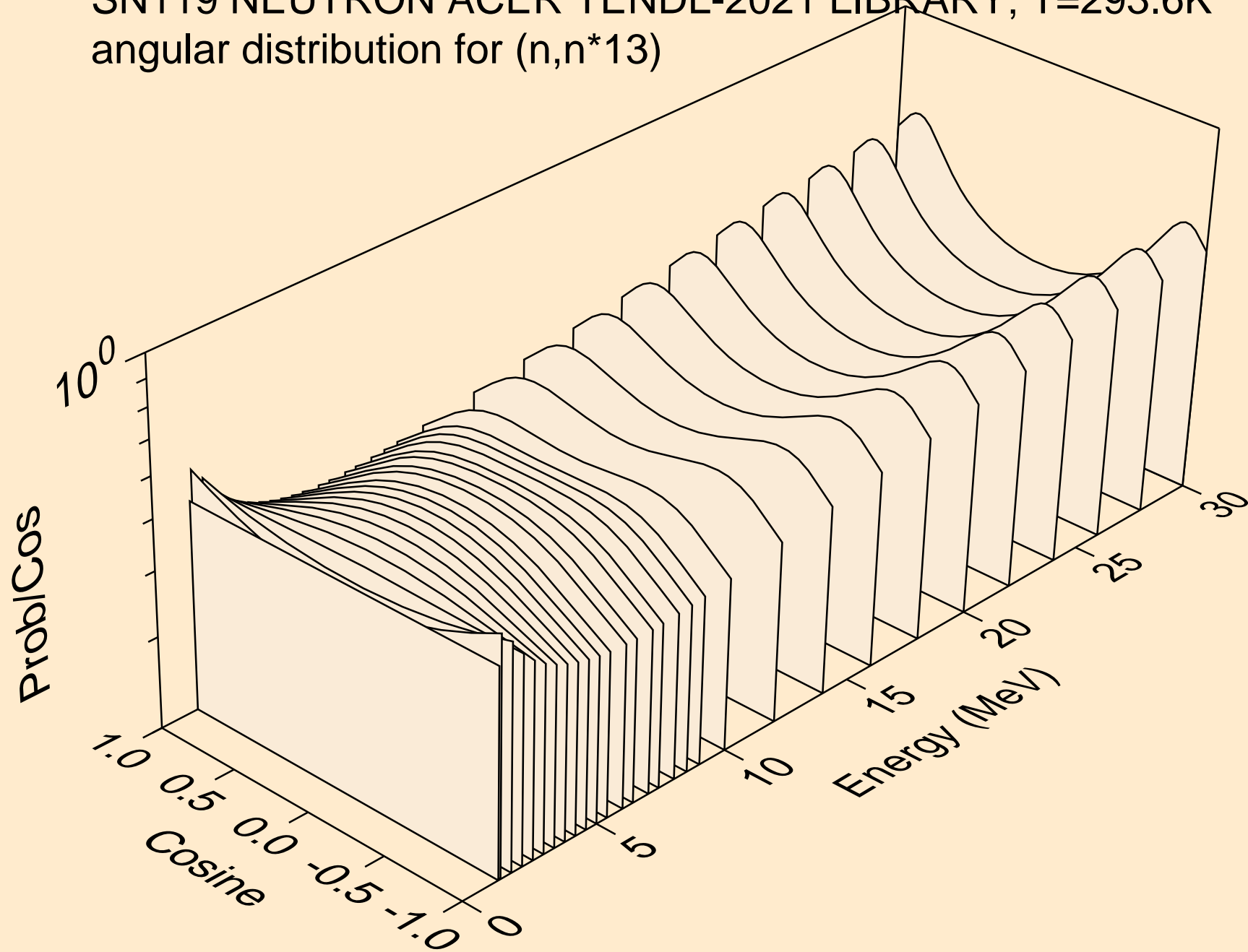
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angular distribution for (n,n*11)



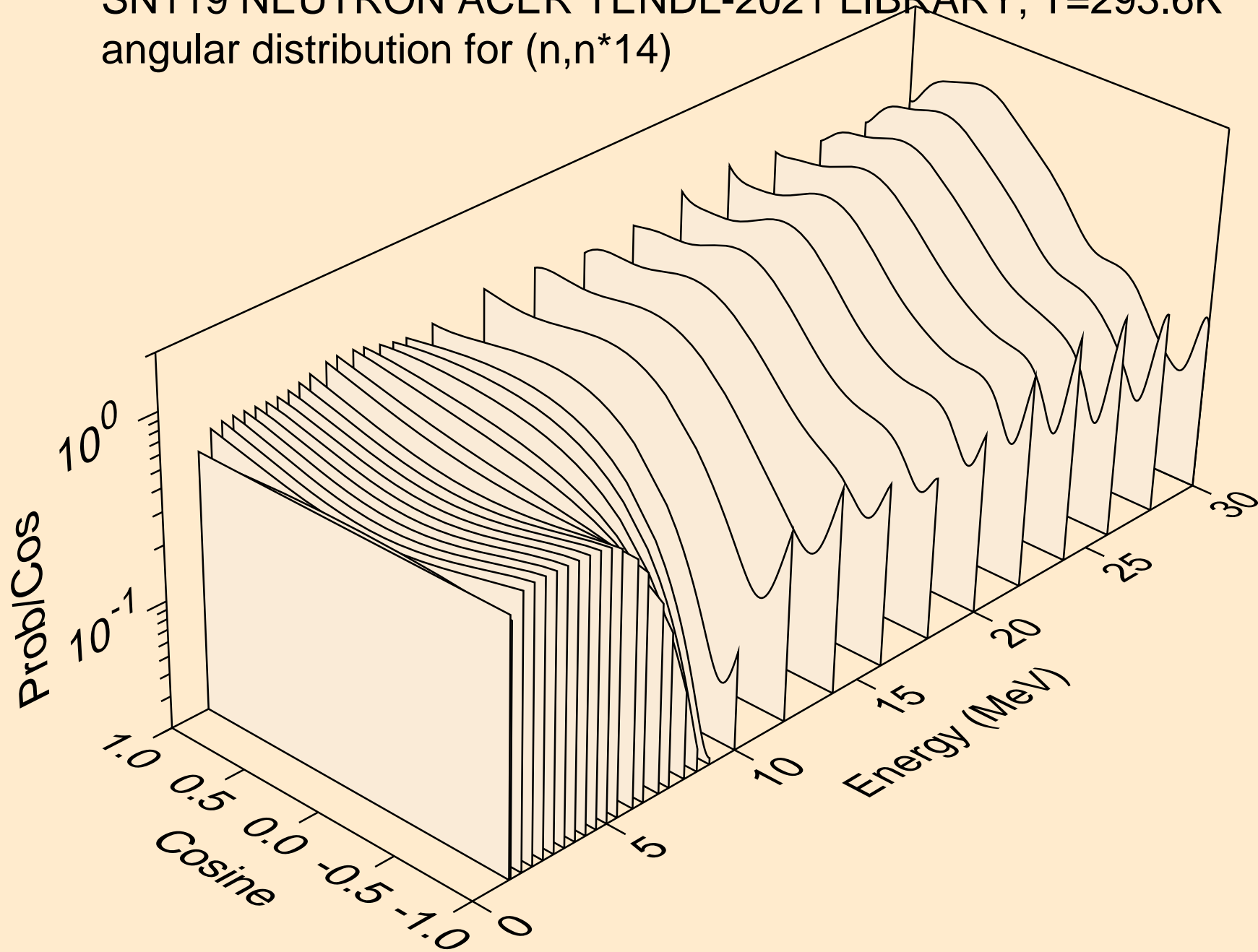
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*12)



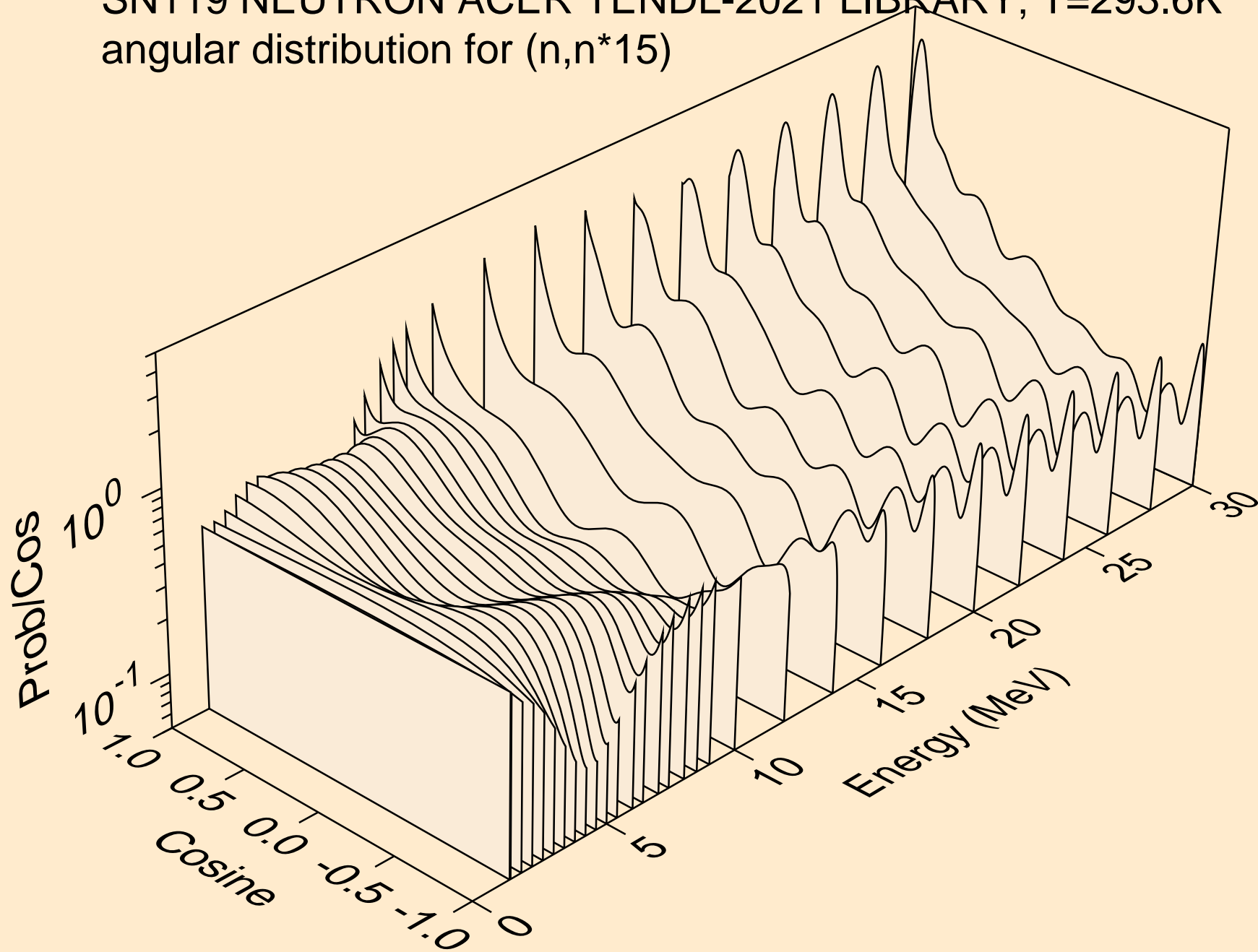
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*13)



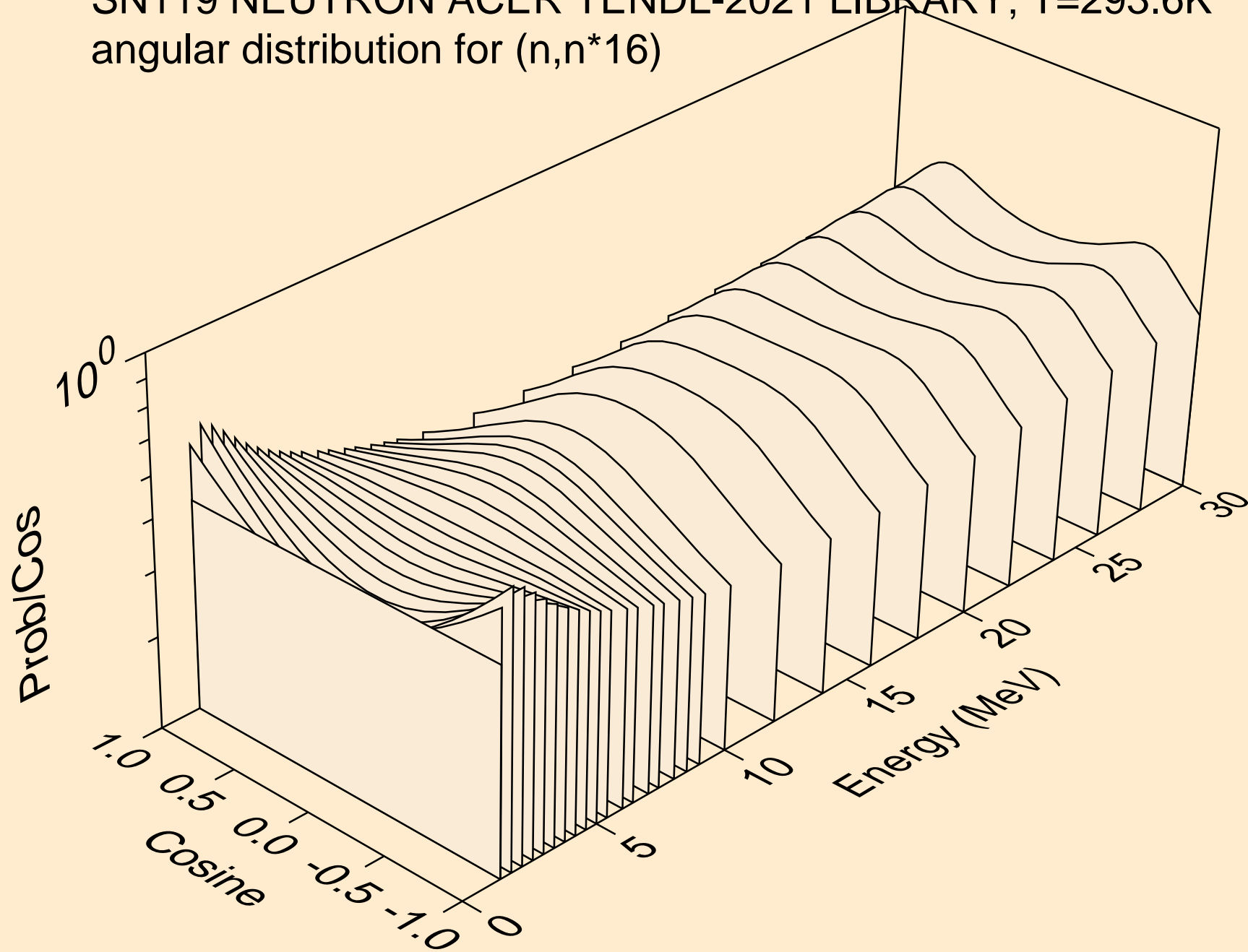
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angular distribution for (n,n*14)



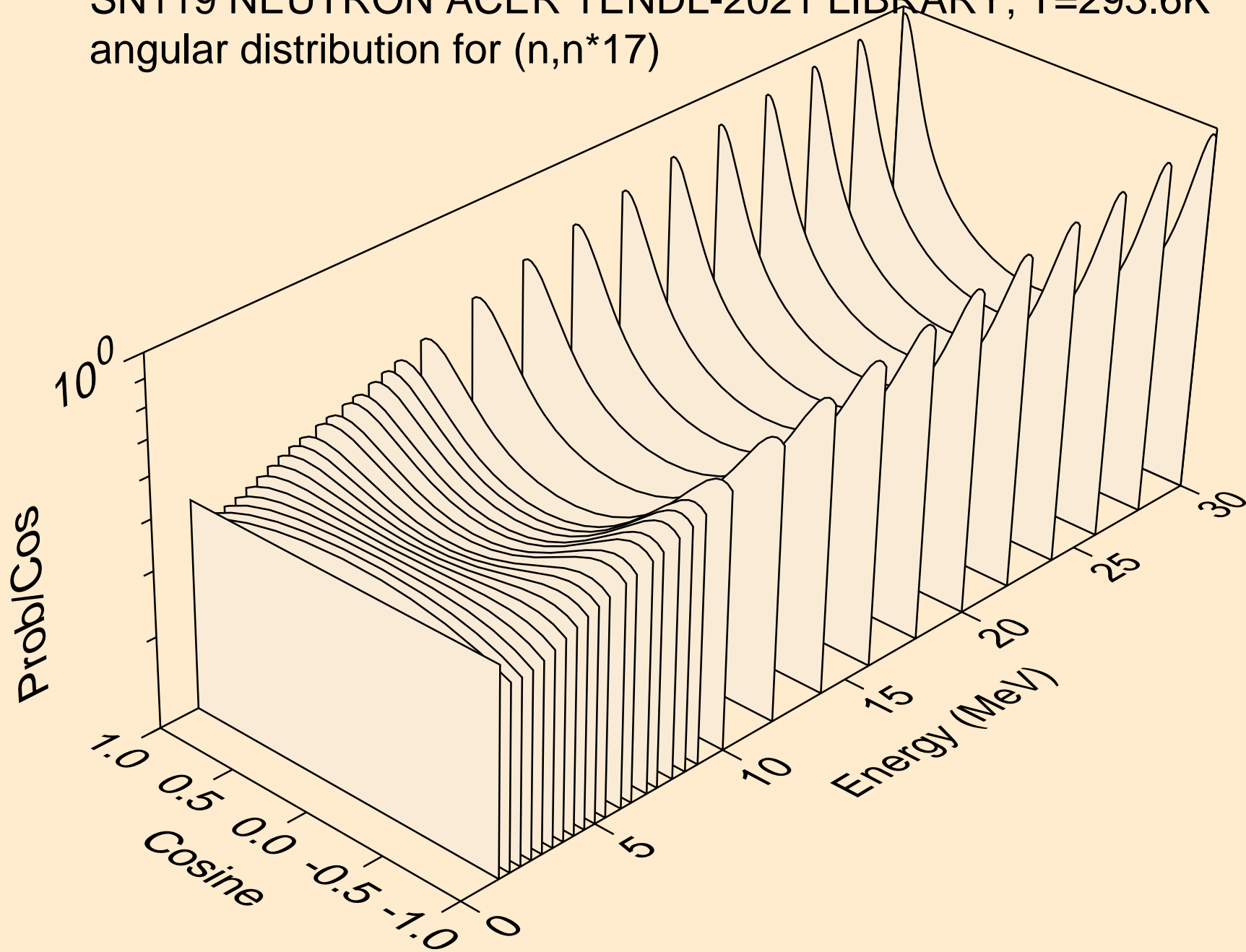
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angular distribution for (n,n*15)



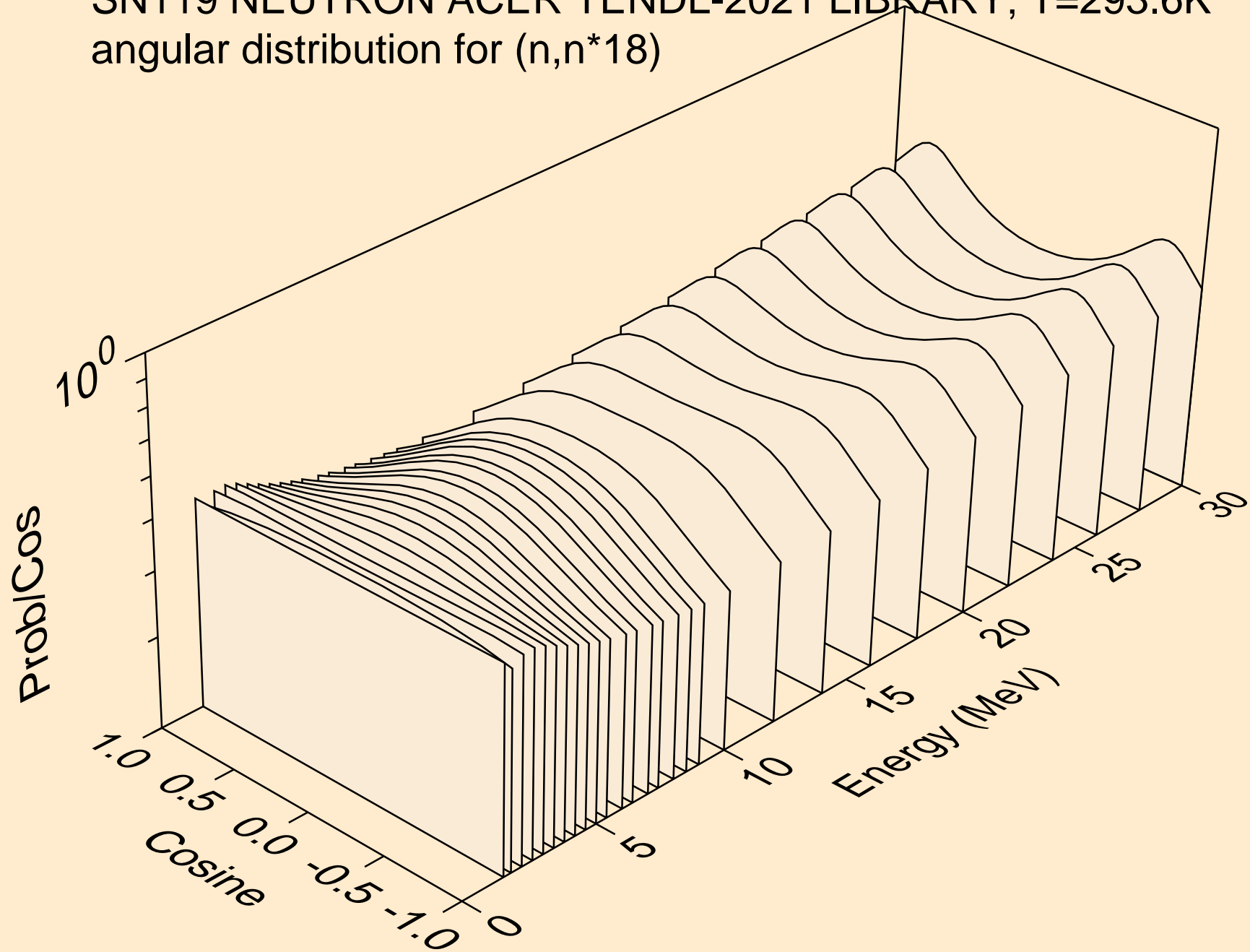
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angular distribution for (n,n*16)



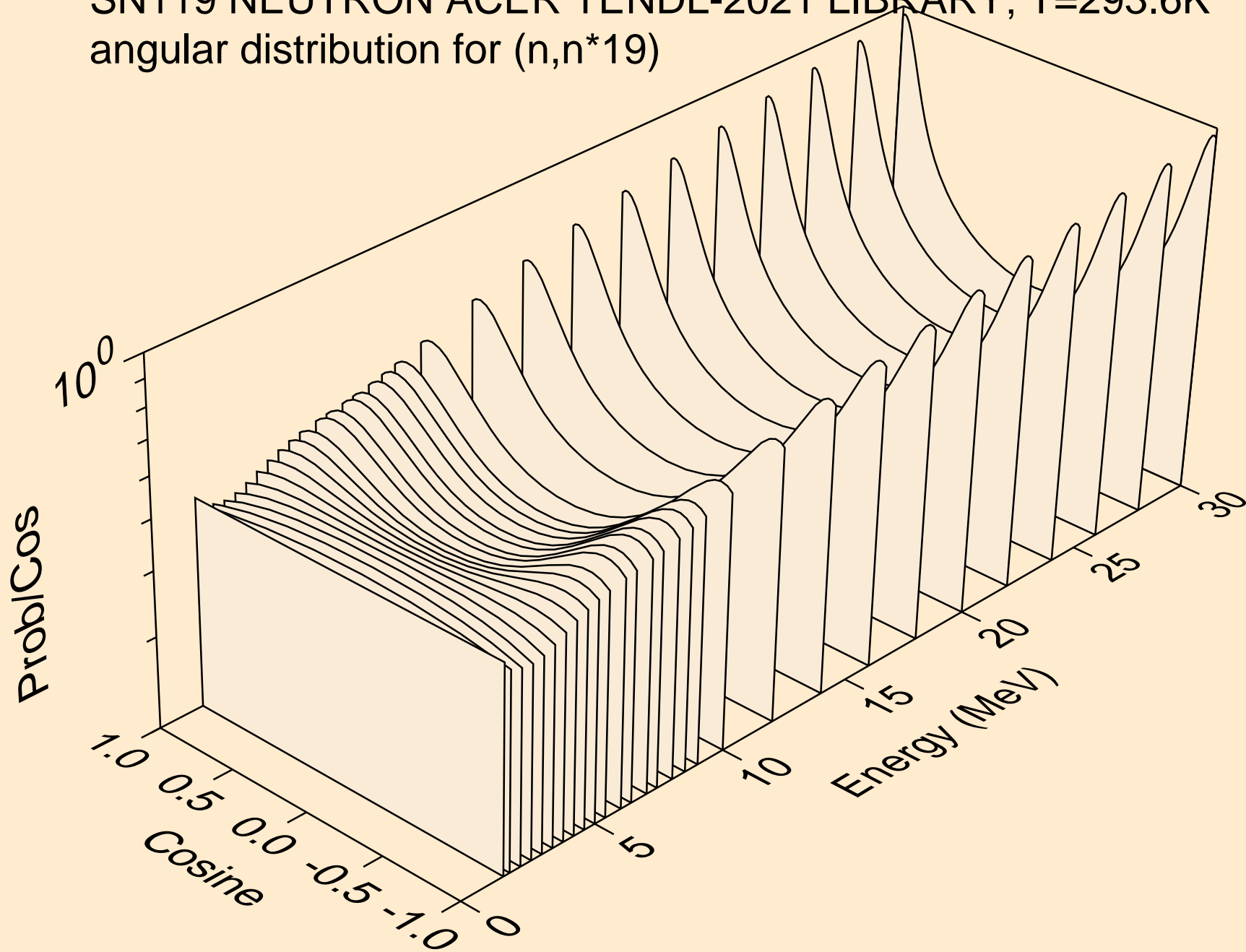
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angular distribution for (n,n*17)



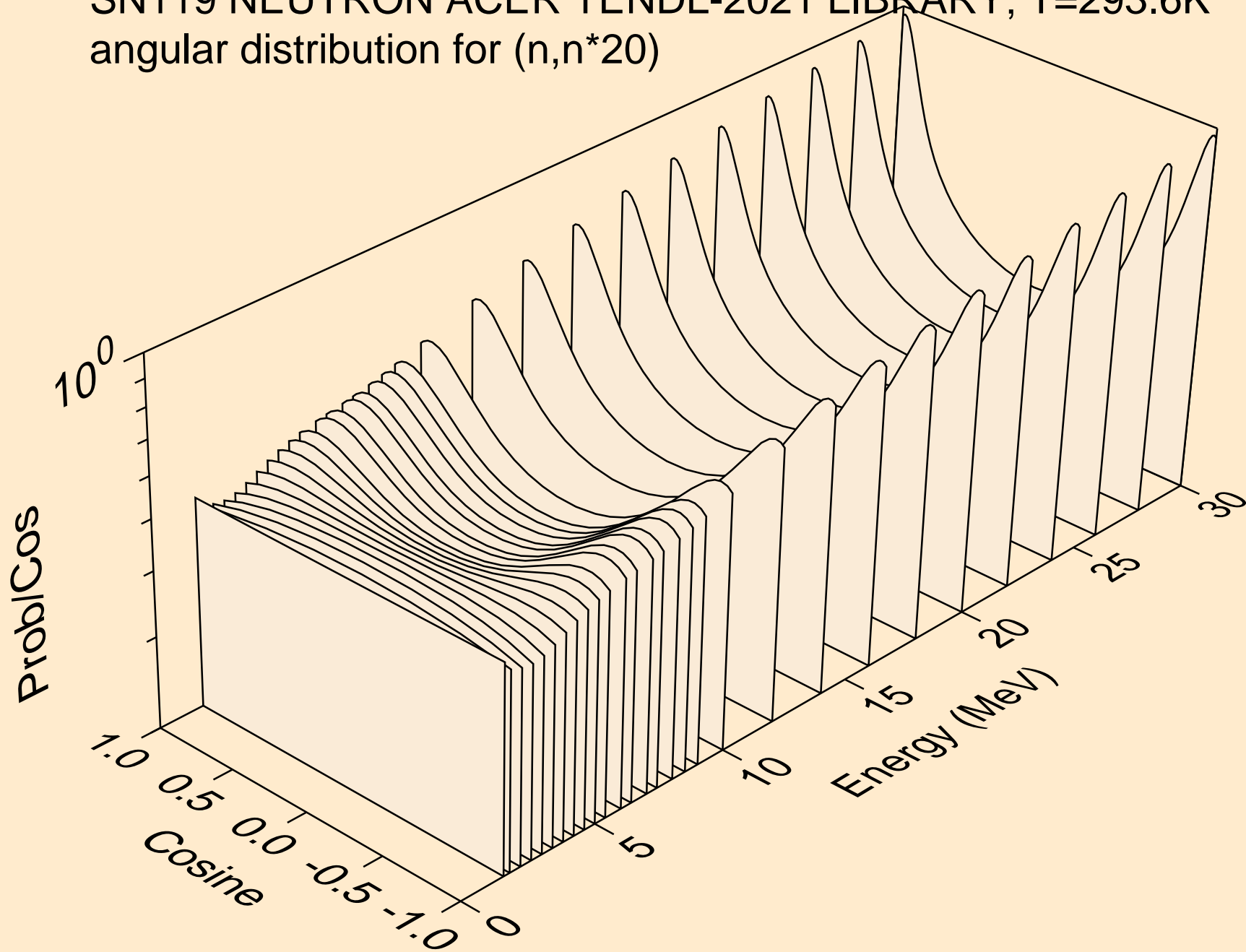
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angular distribution for (n,n*18)



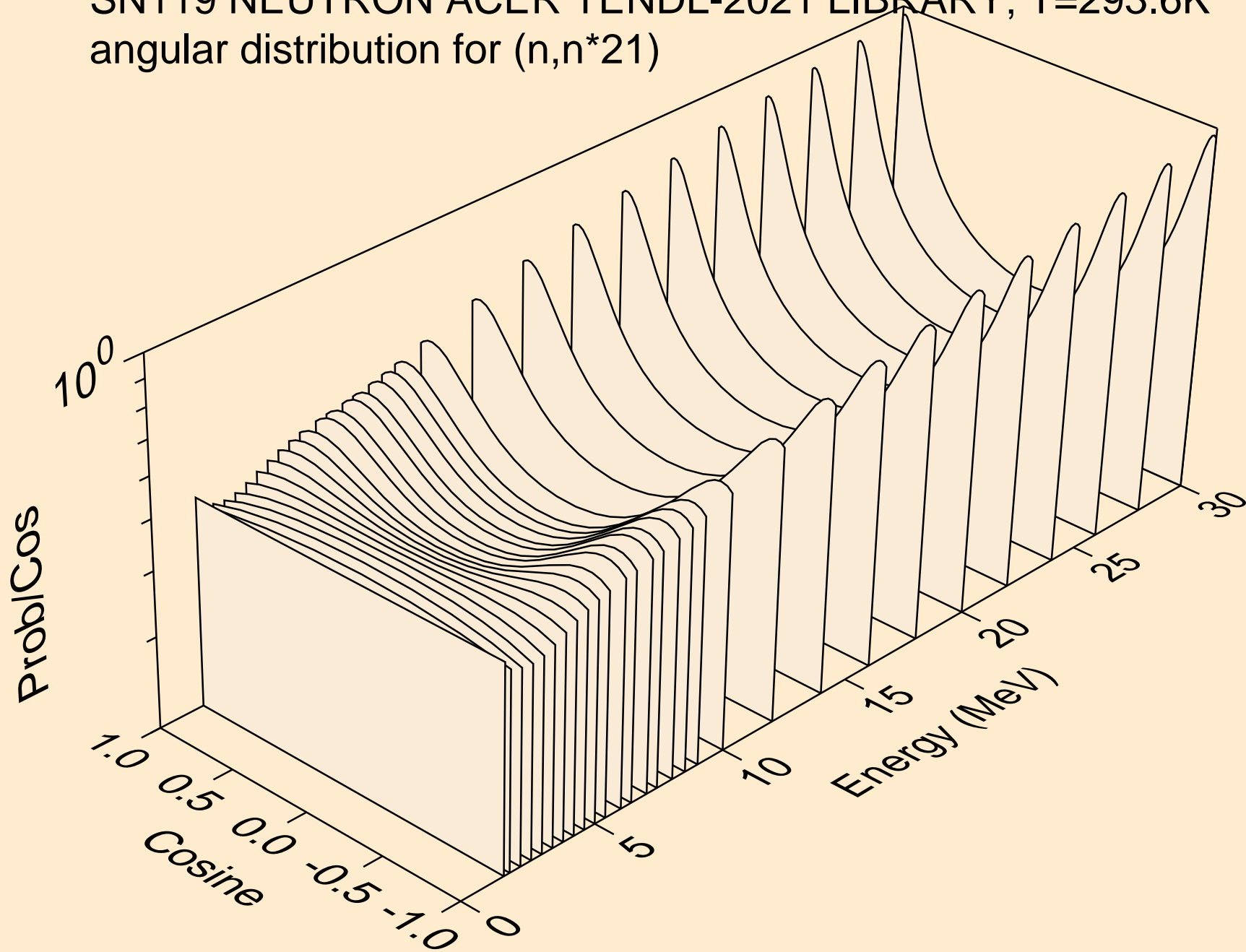
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*19)



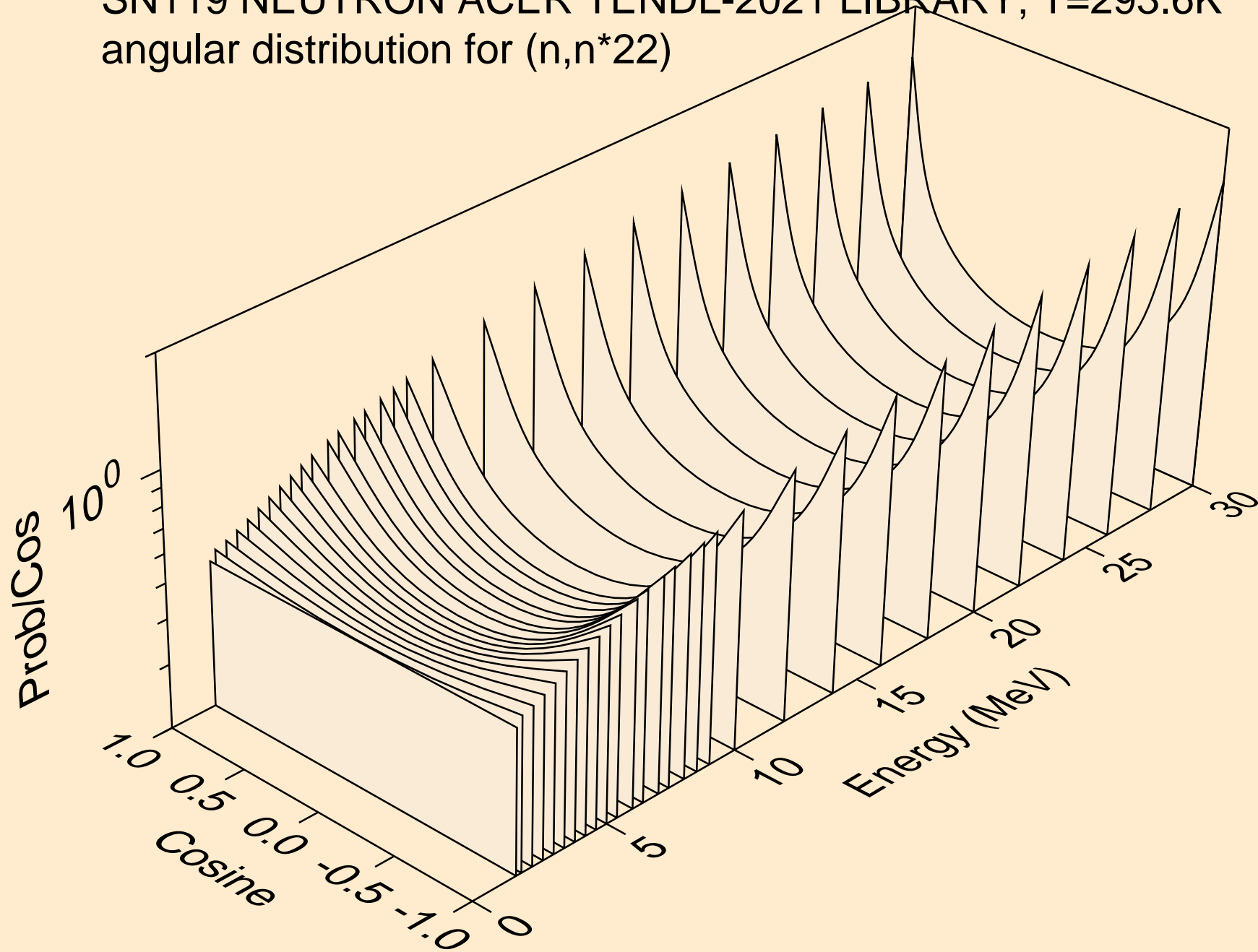
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angular distribution for (n,n*20)



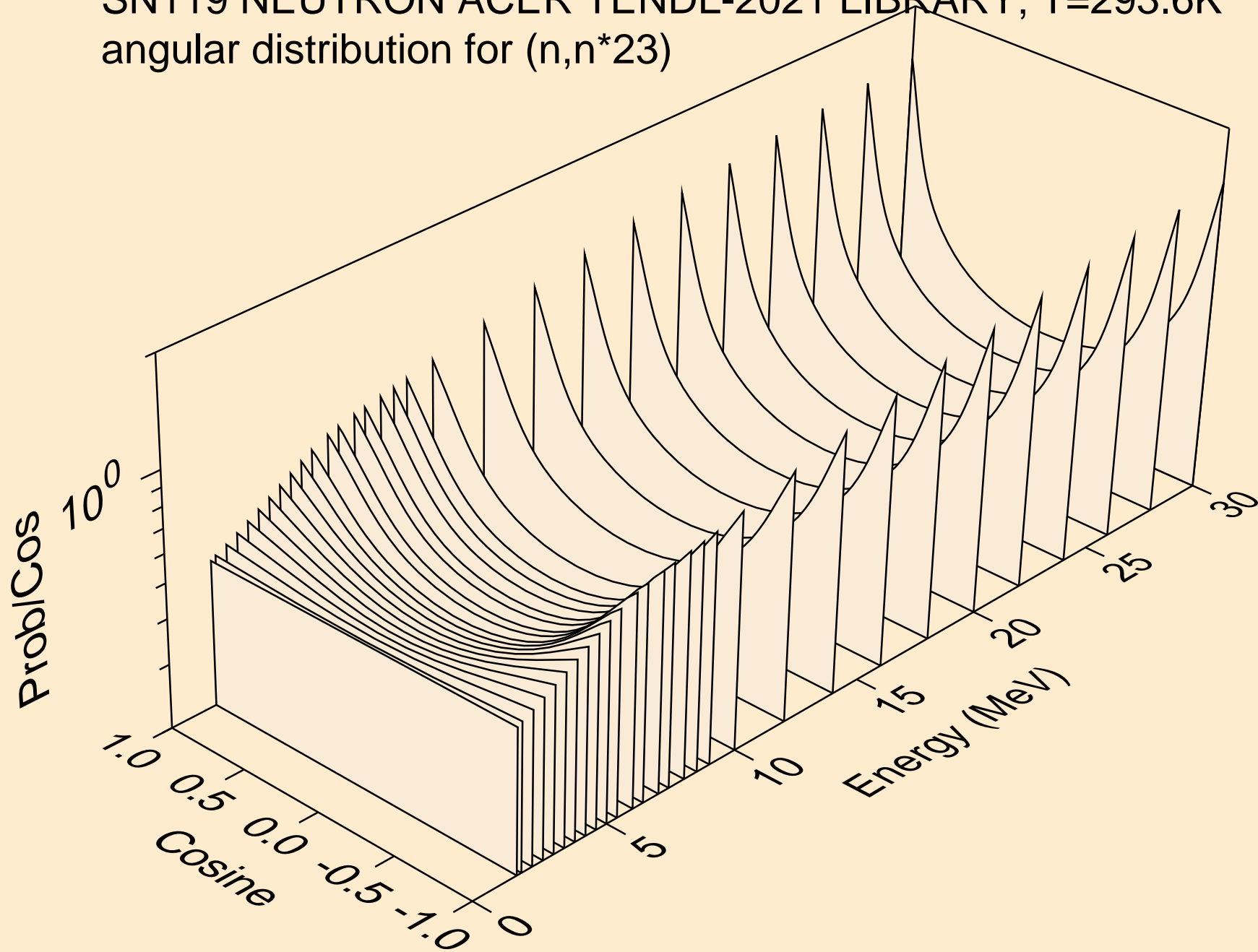
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angular distribution for (n,n*21)



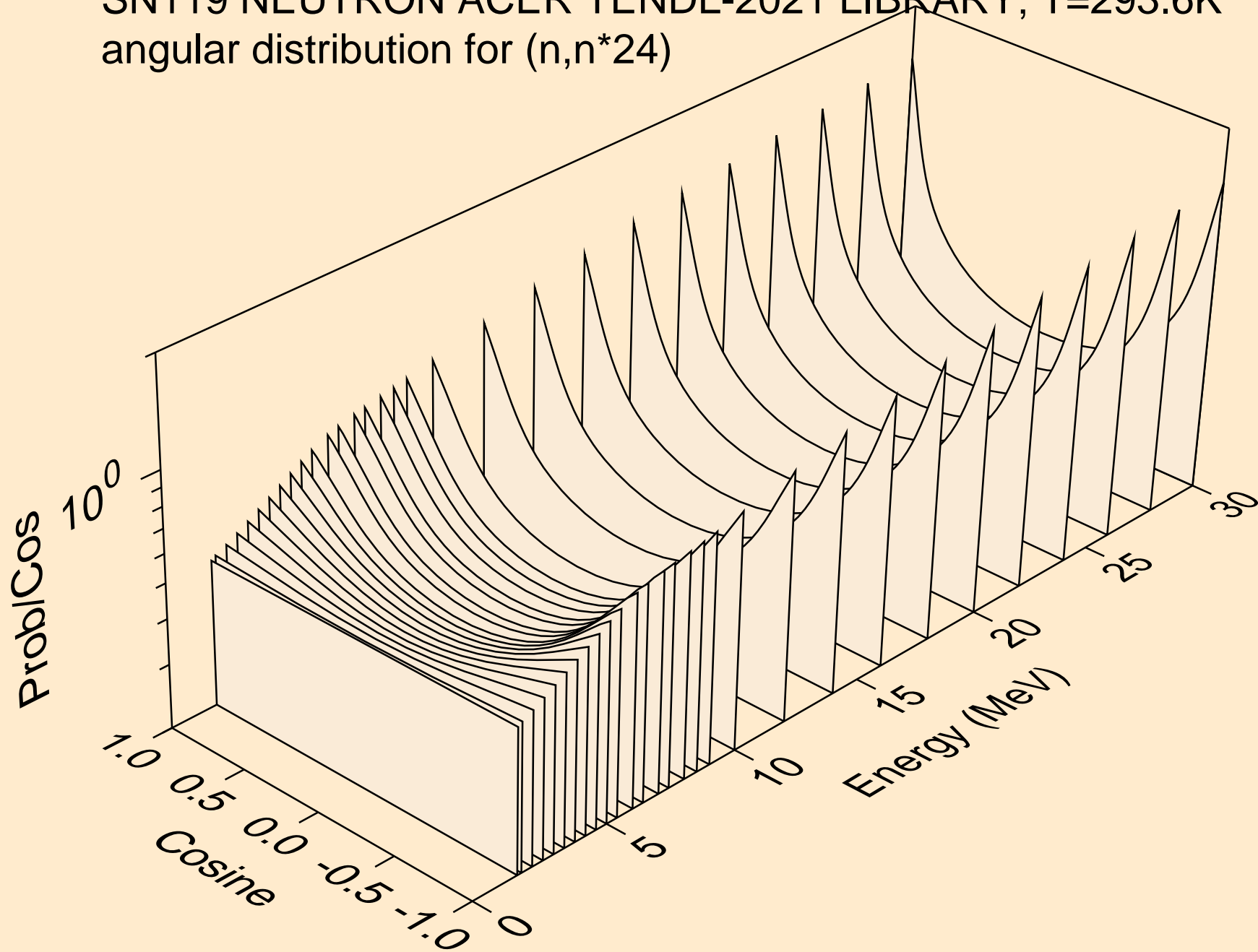
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angular distribution for (n,n*22)



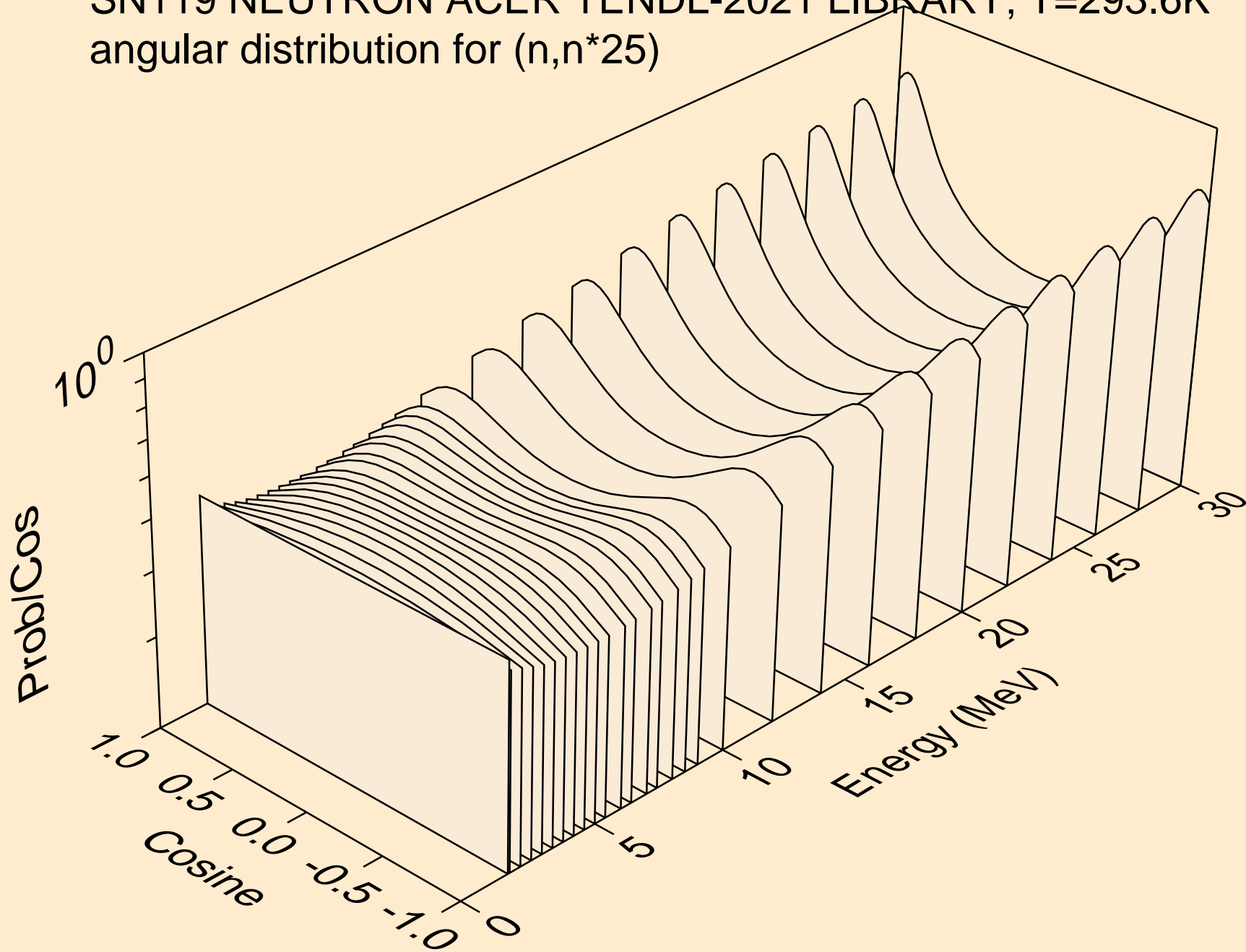
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*23)



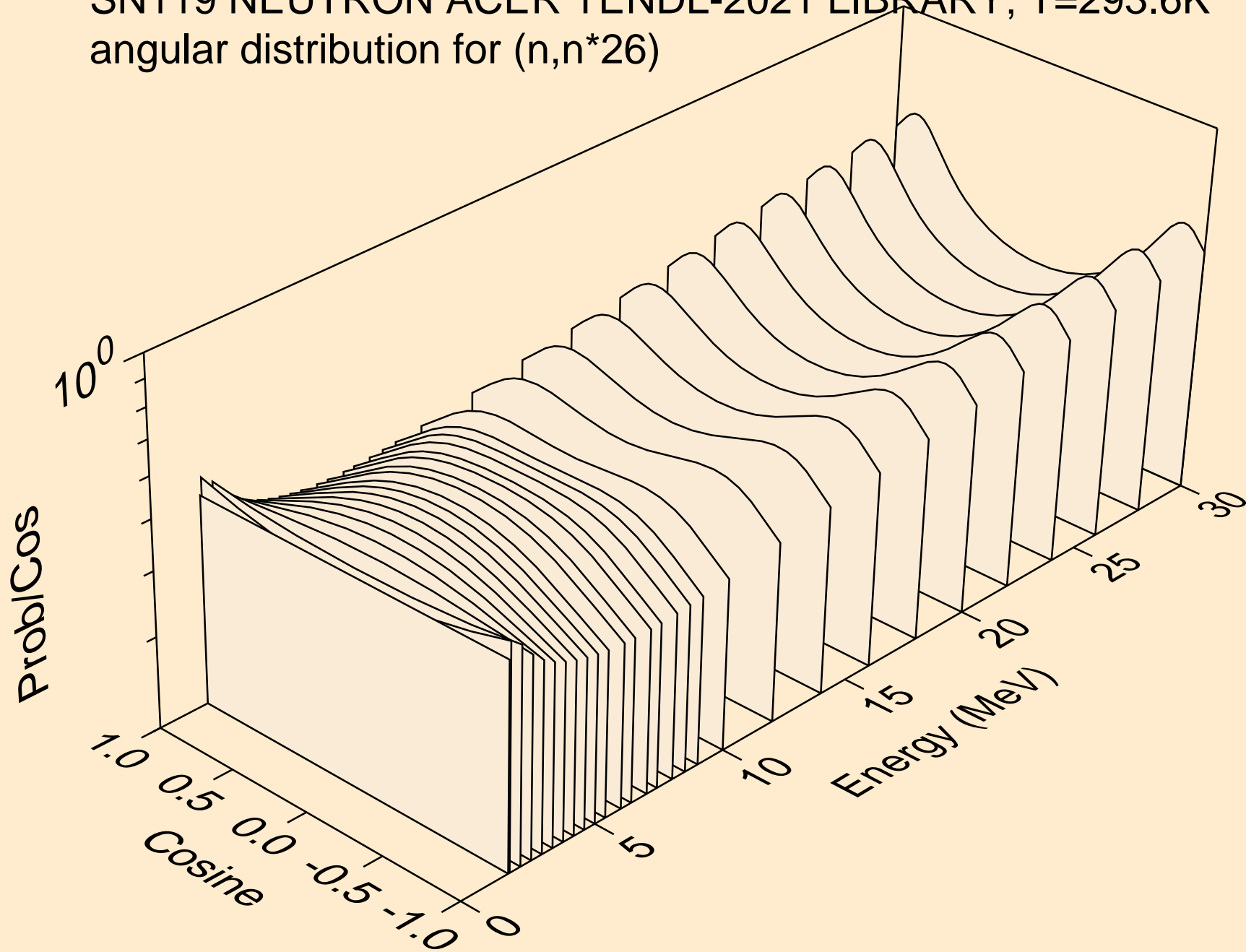
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angular distribution for (n,n*24)



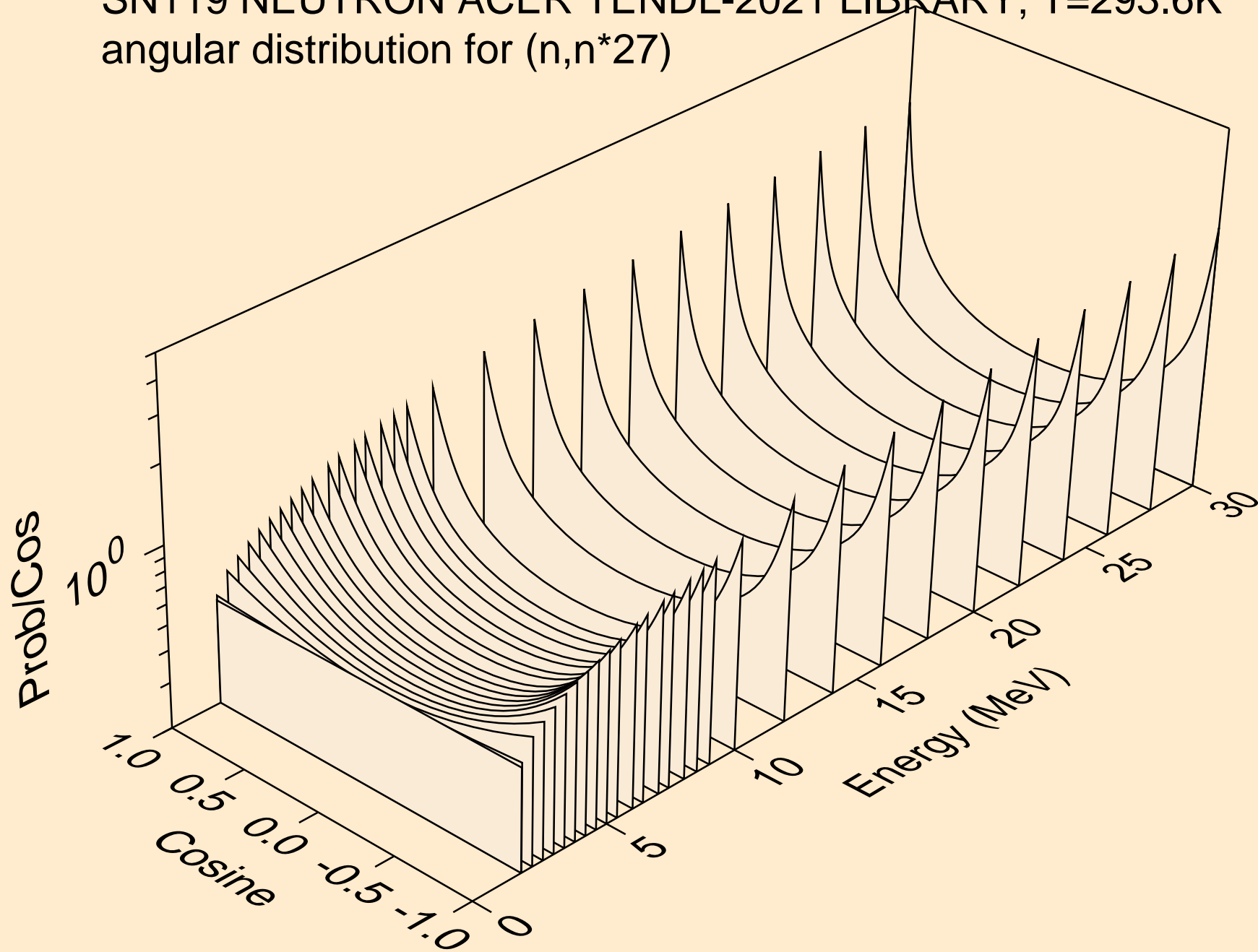
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*25)



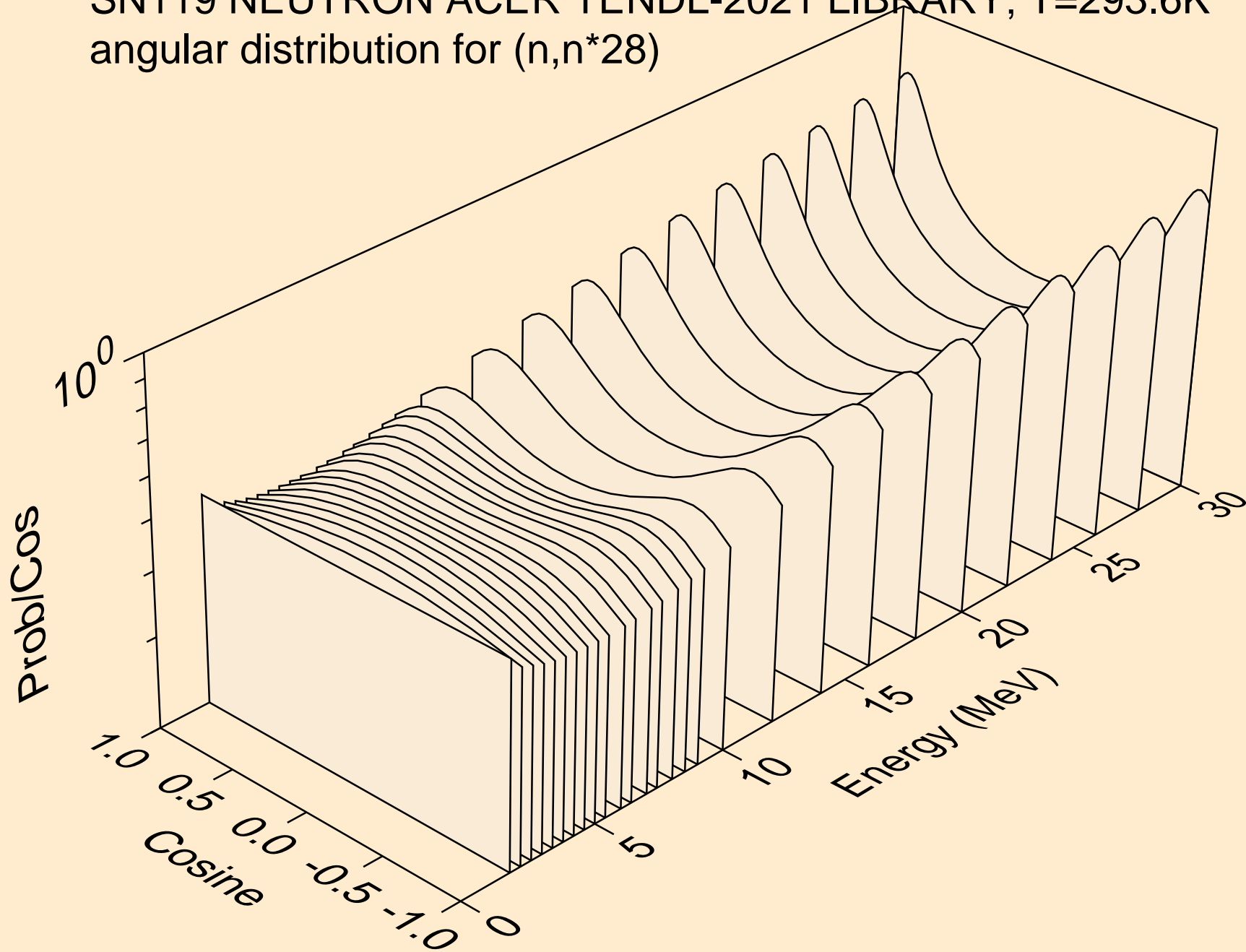
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*26)



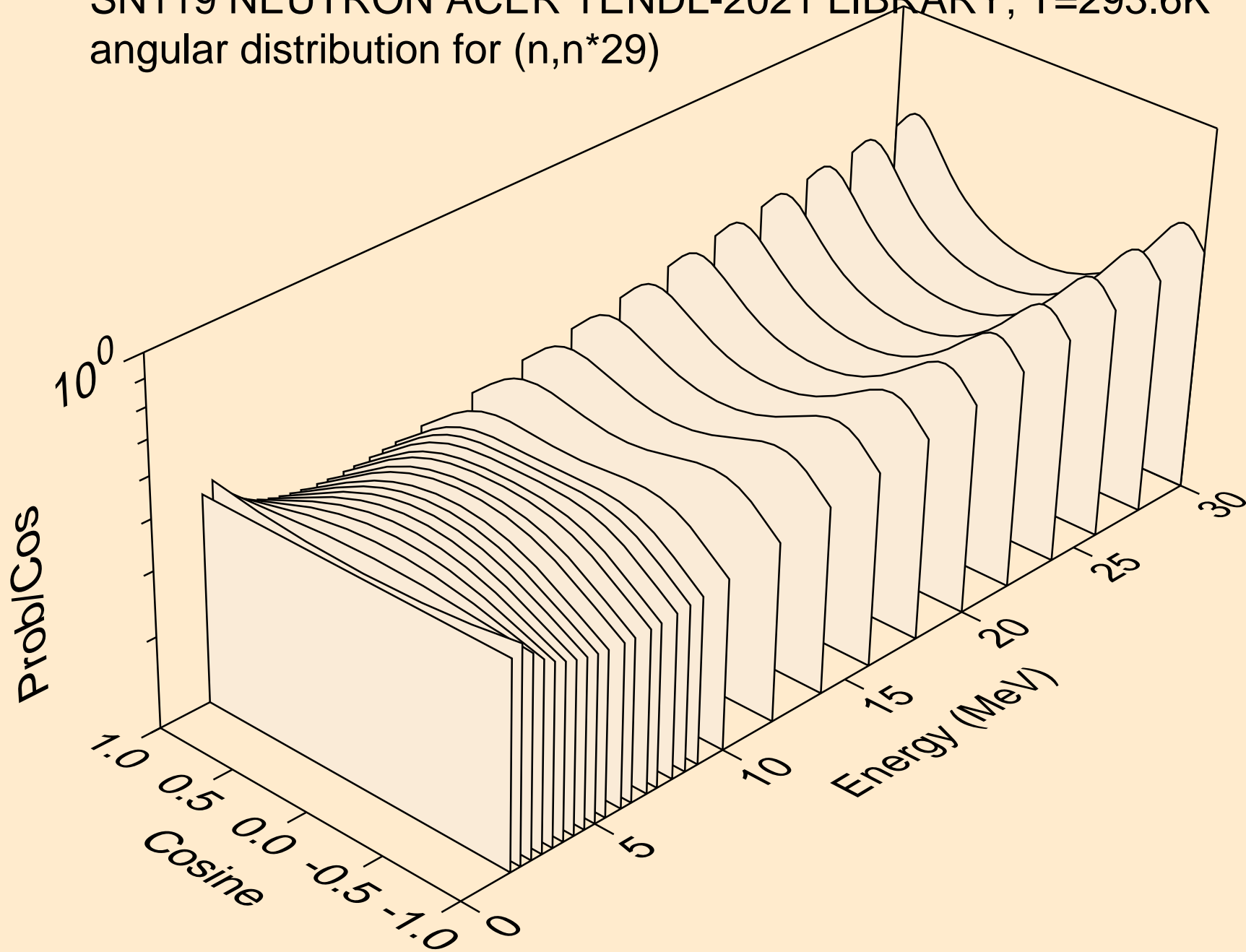
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*27)



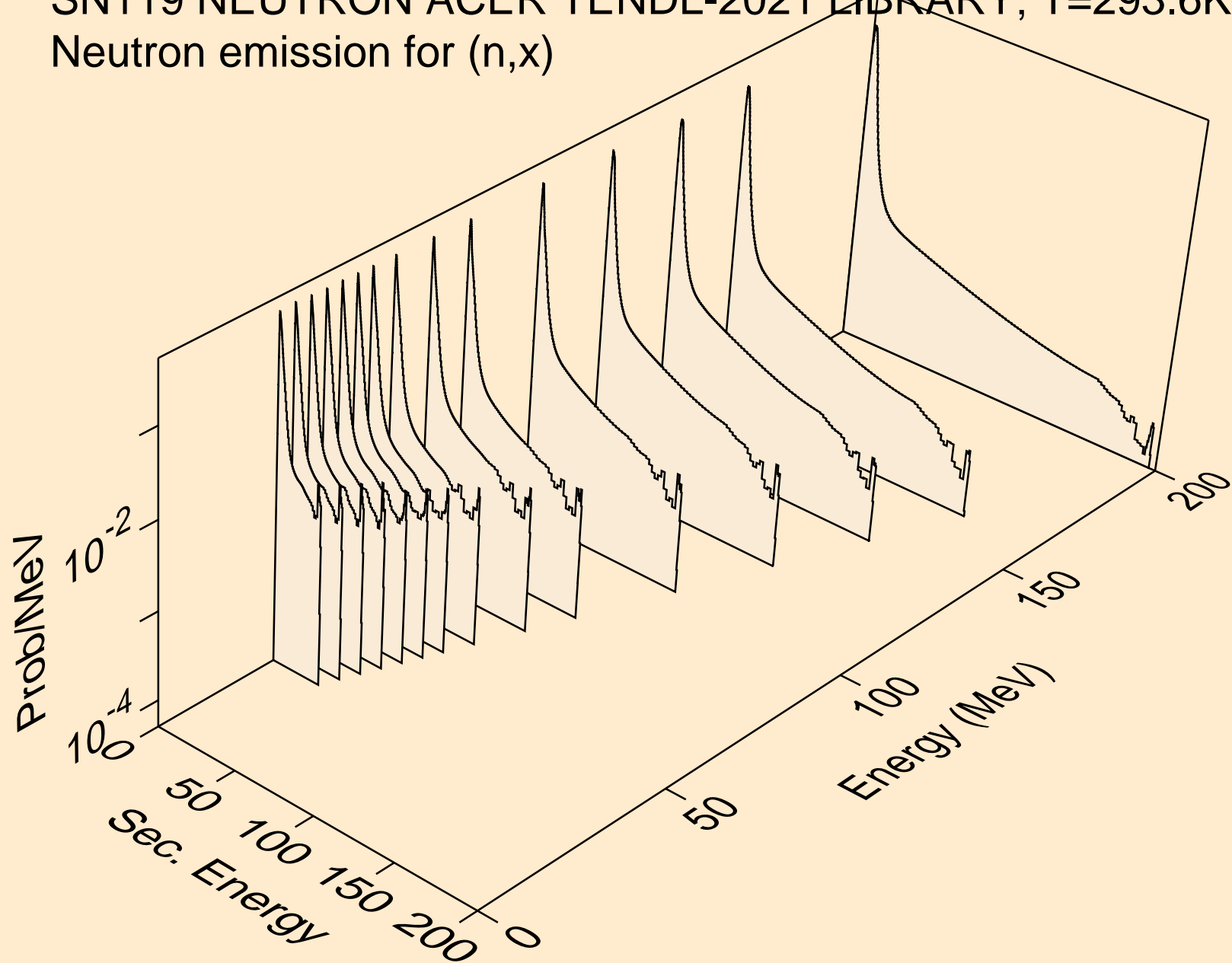
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*28)



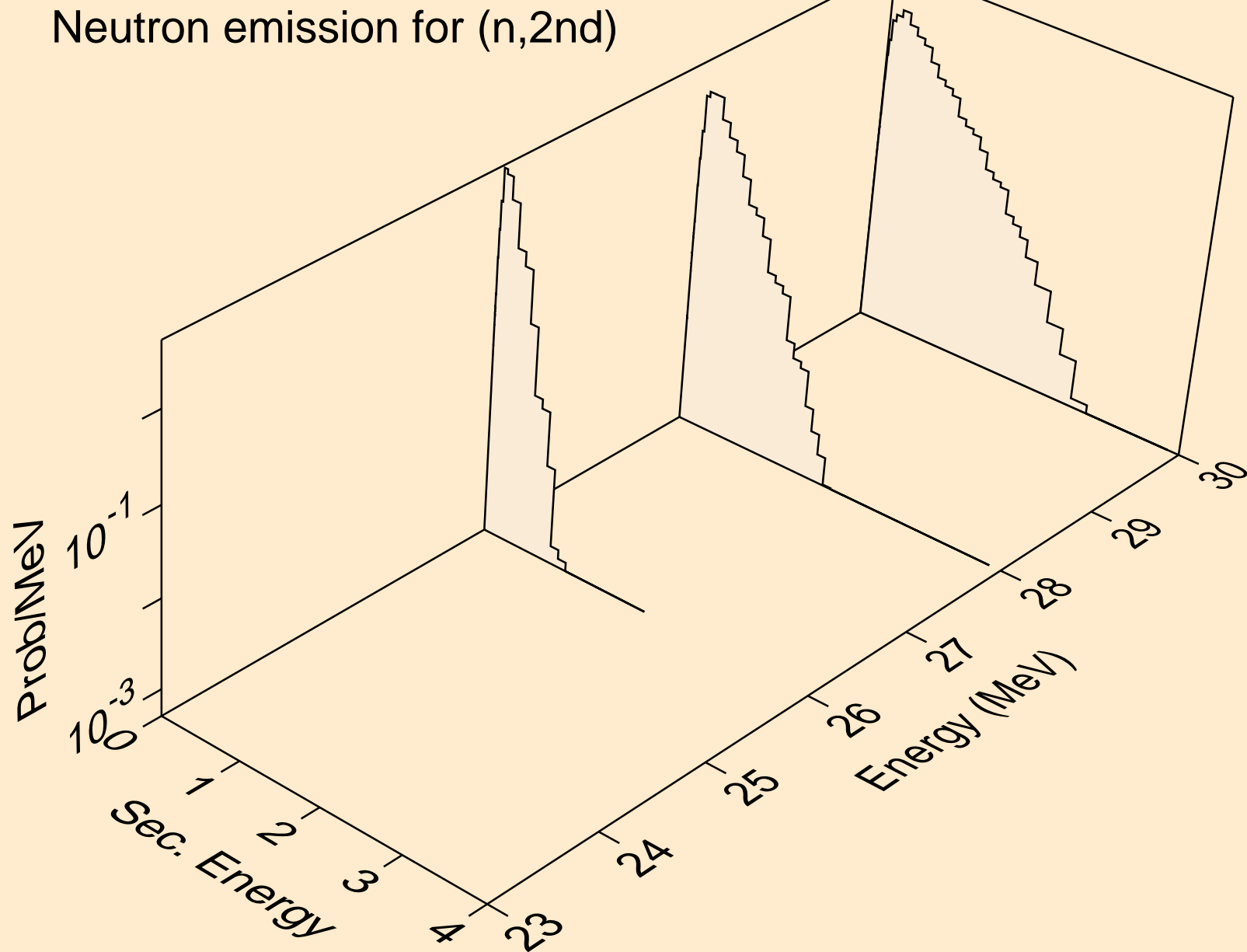
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
angular distribution for (n,n*29)



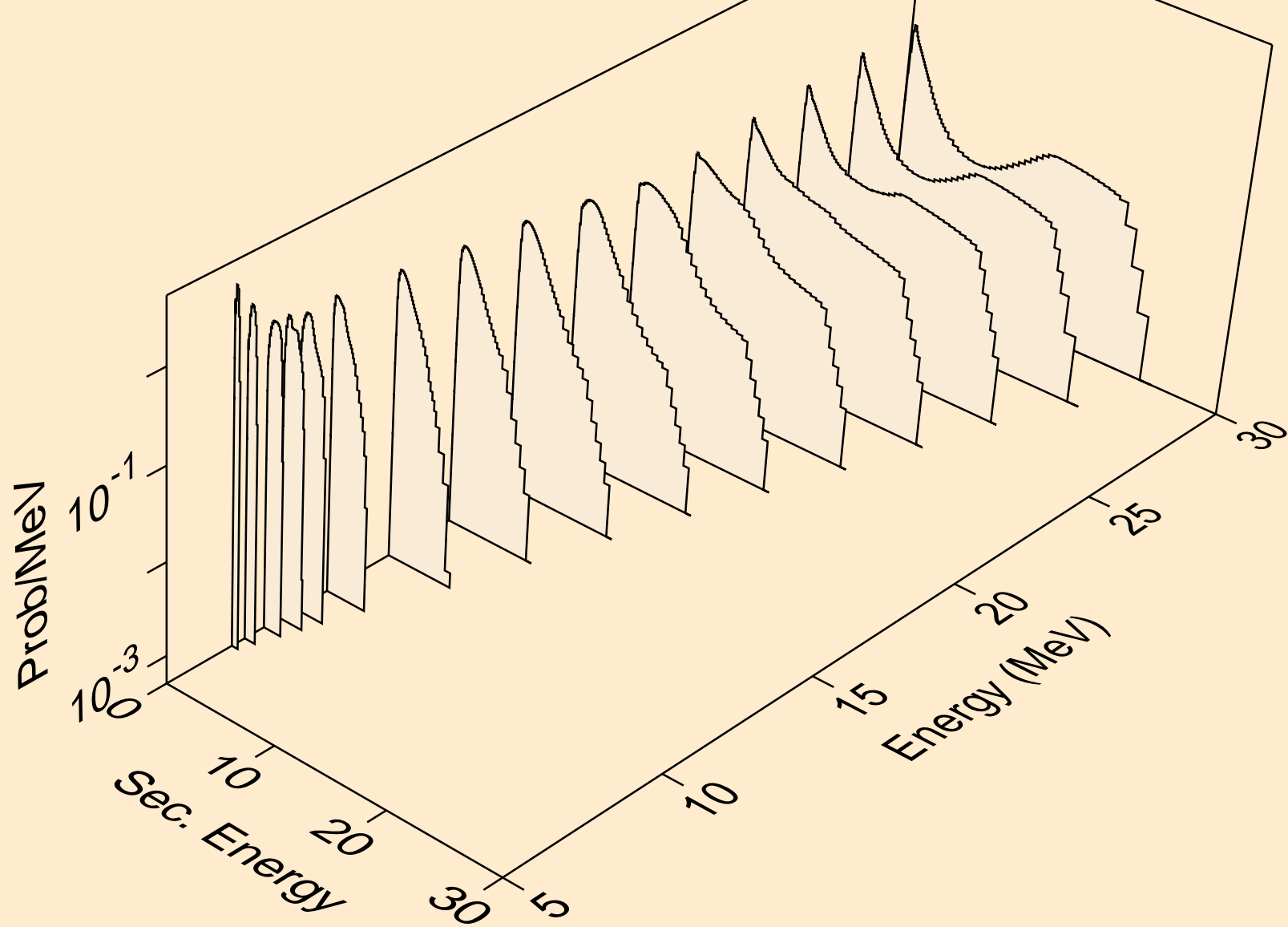
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,x)



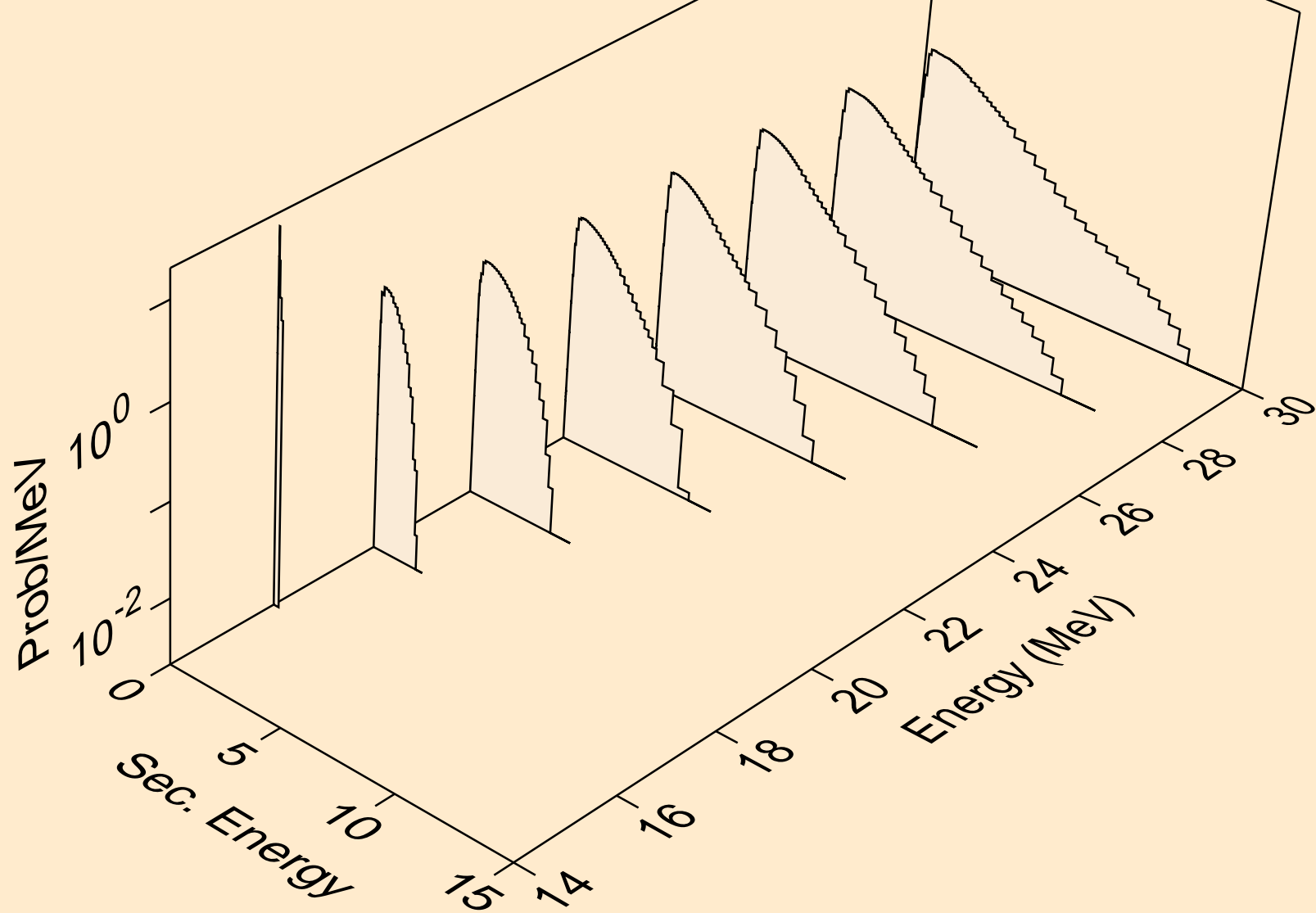
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



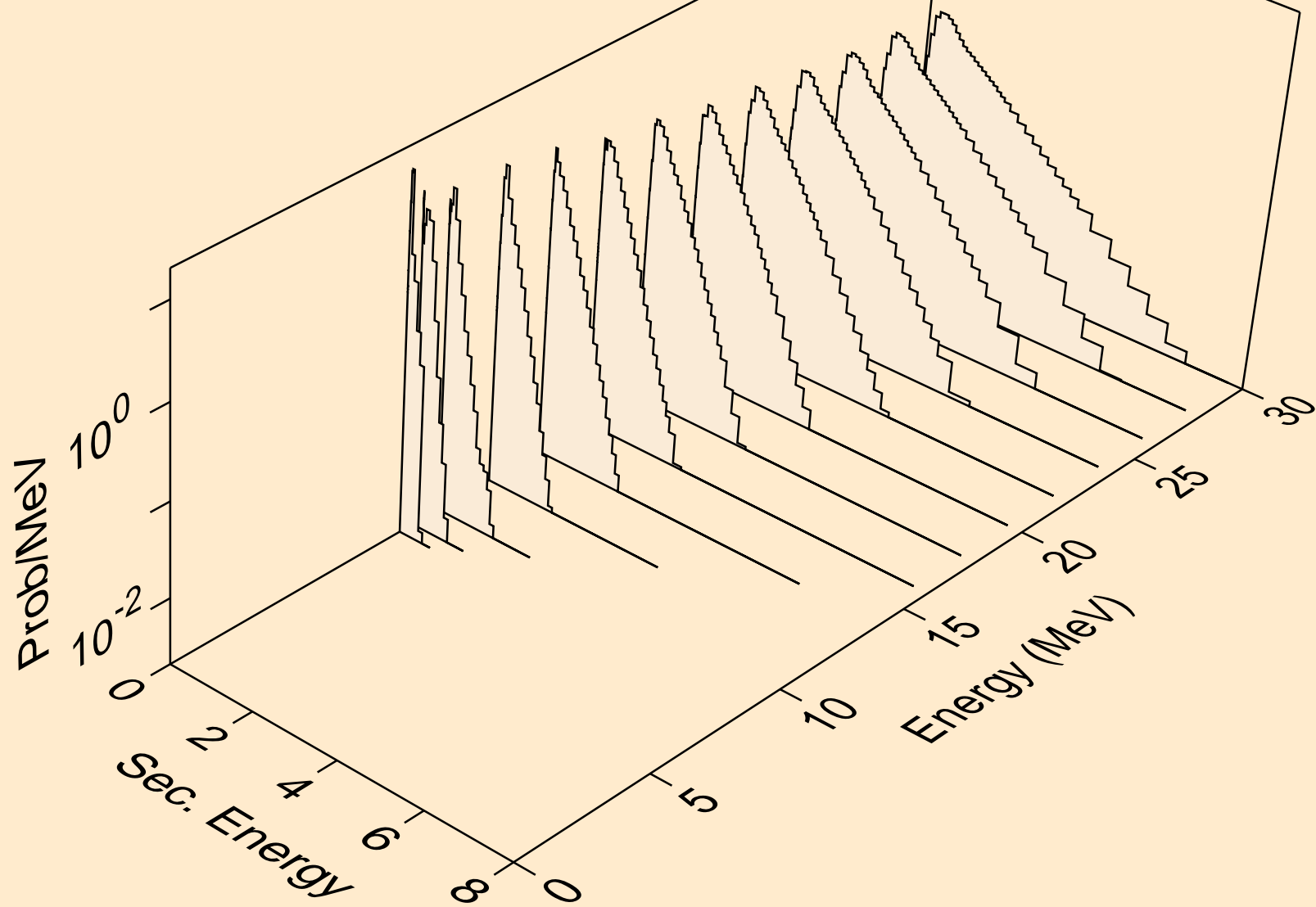
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)



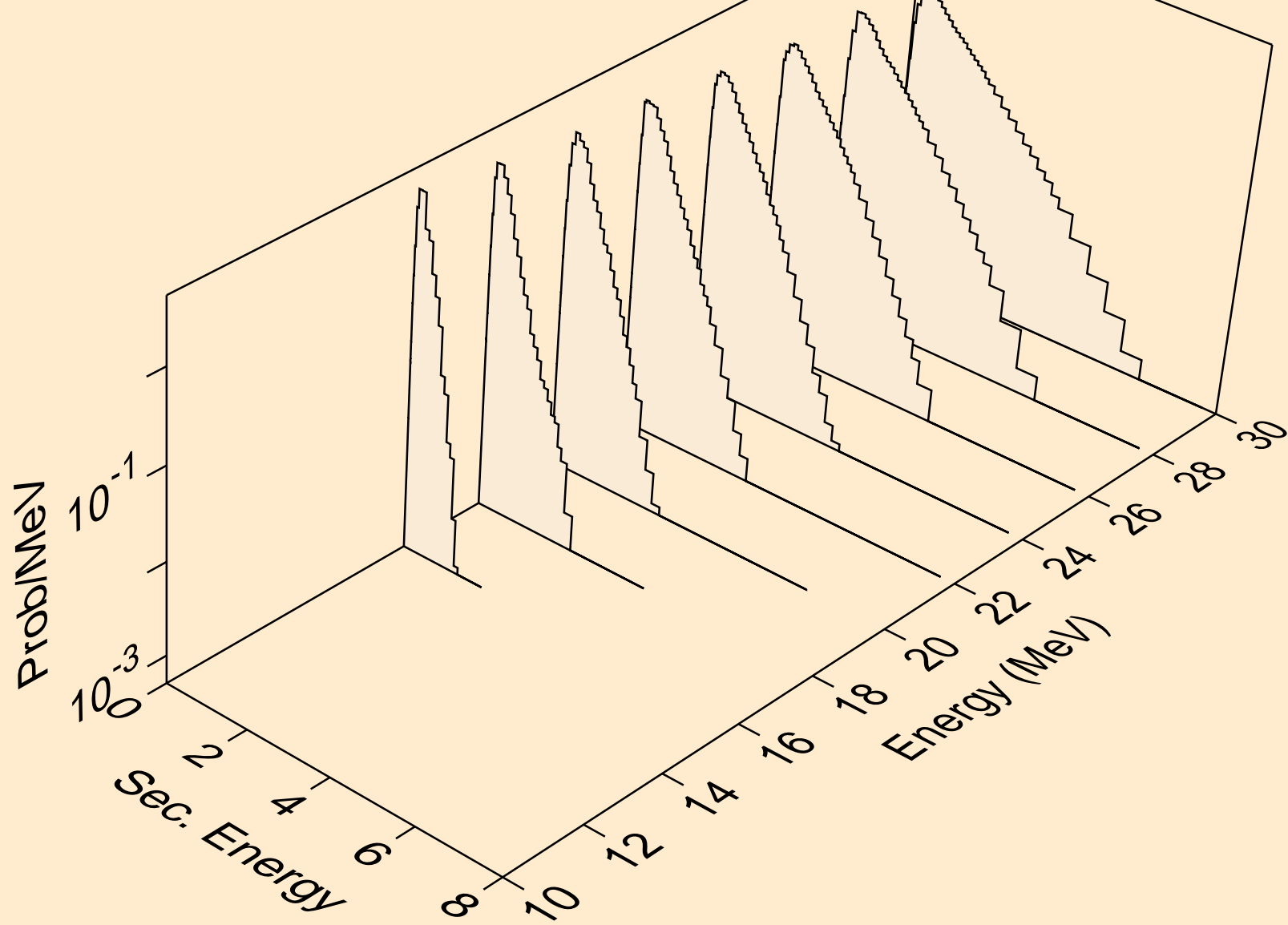
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3n)



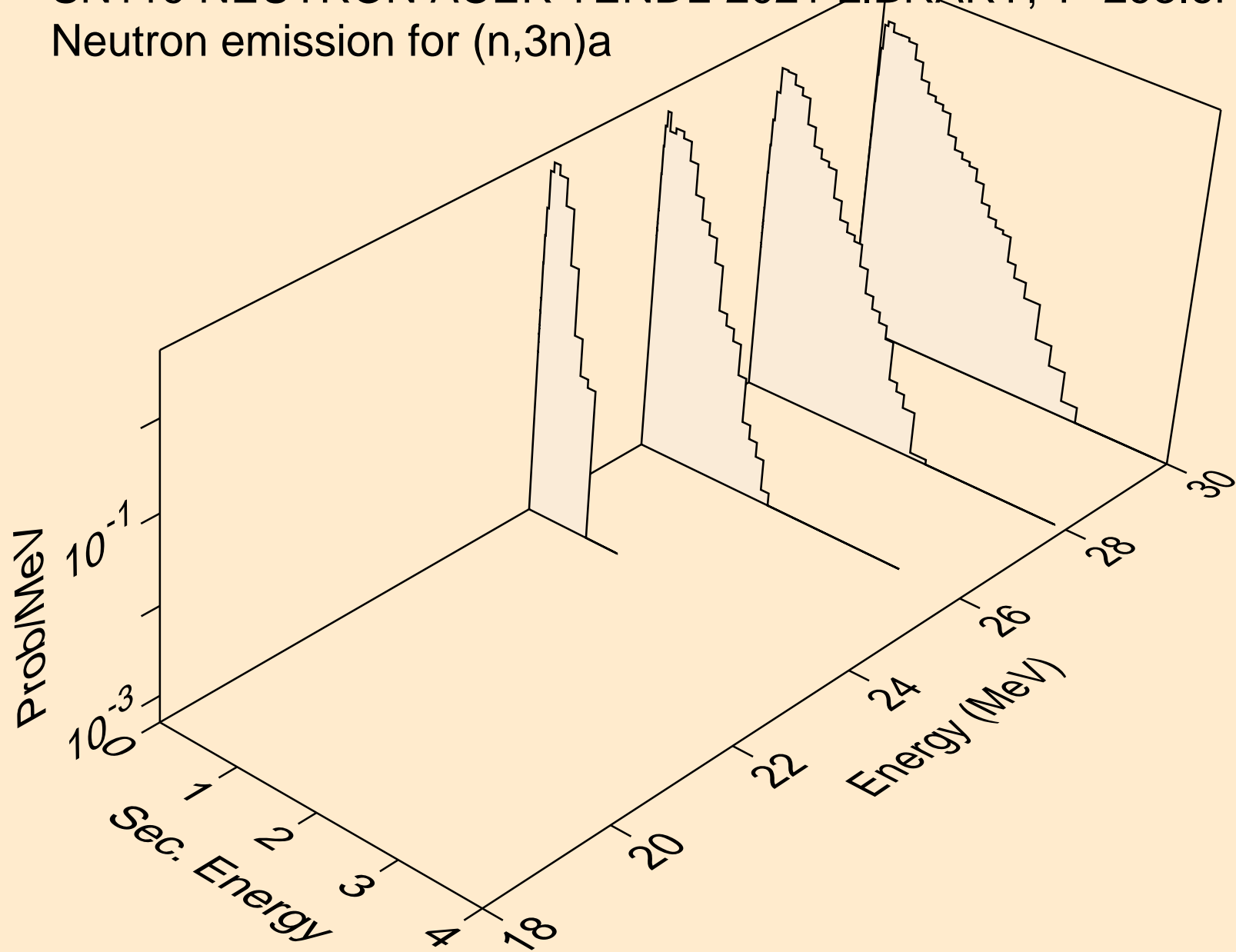
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



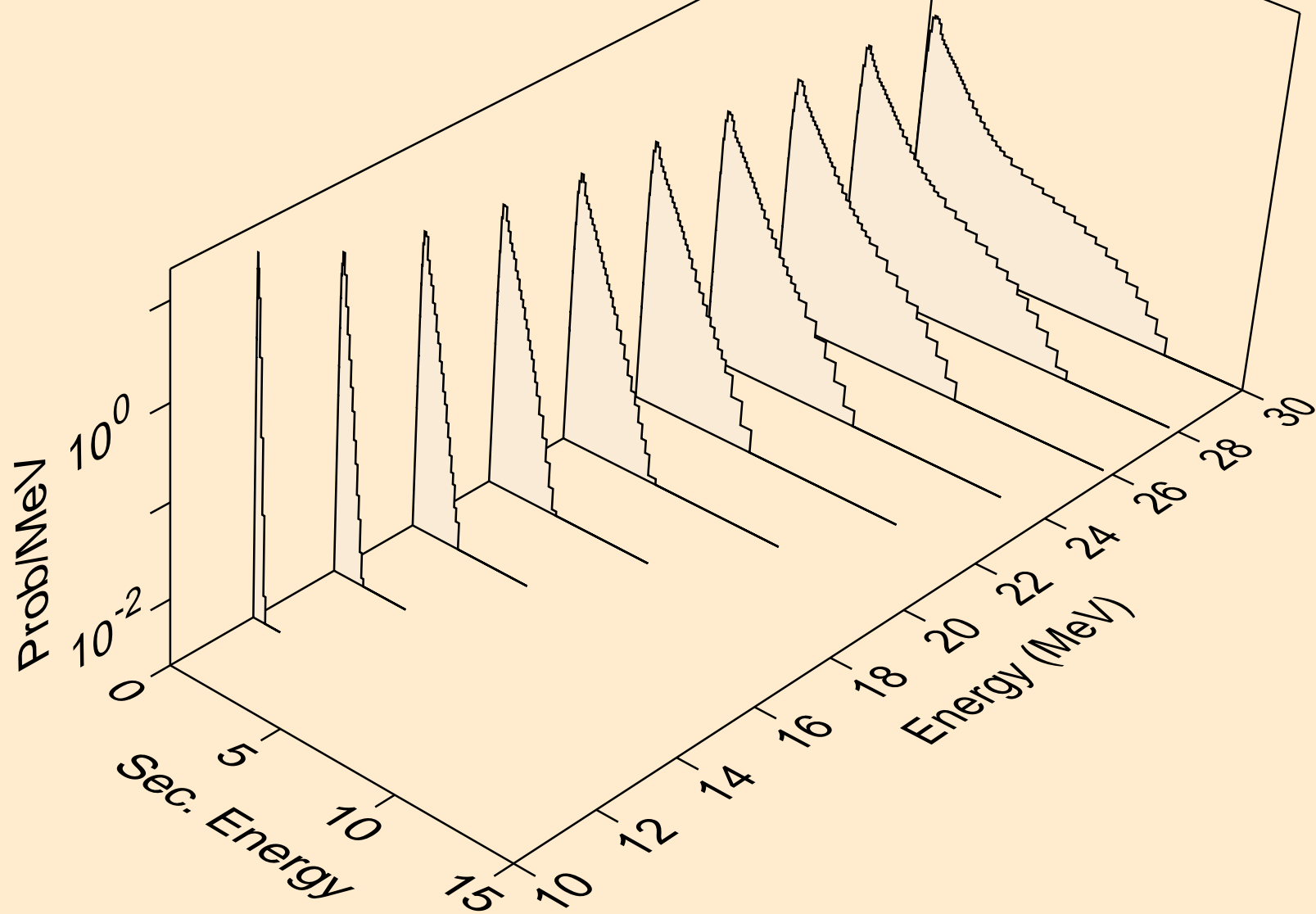
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



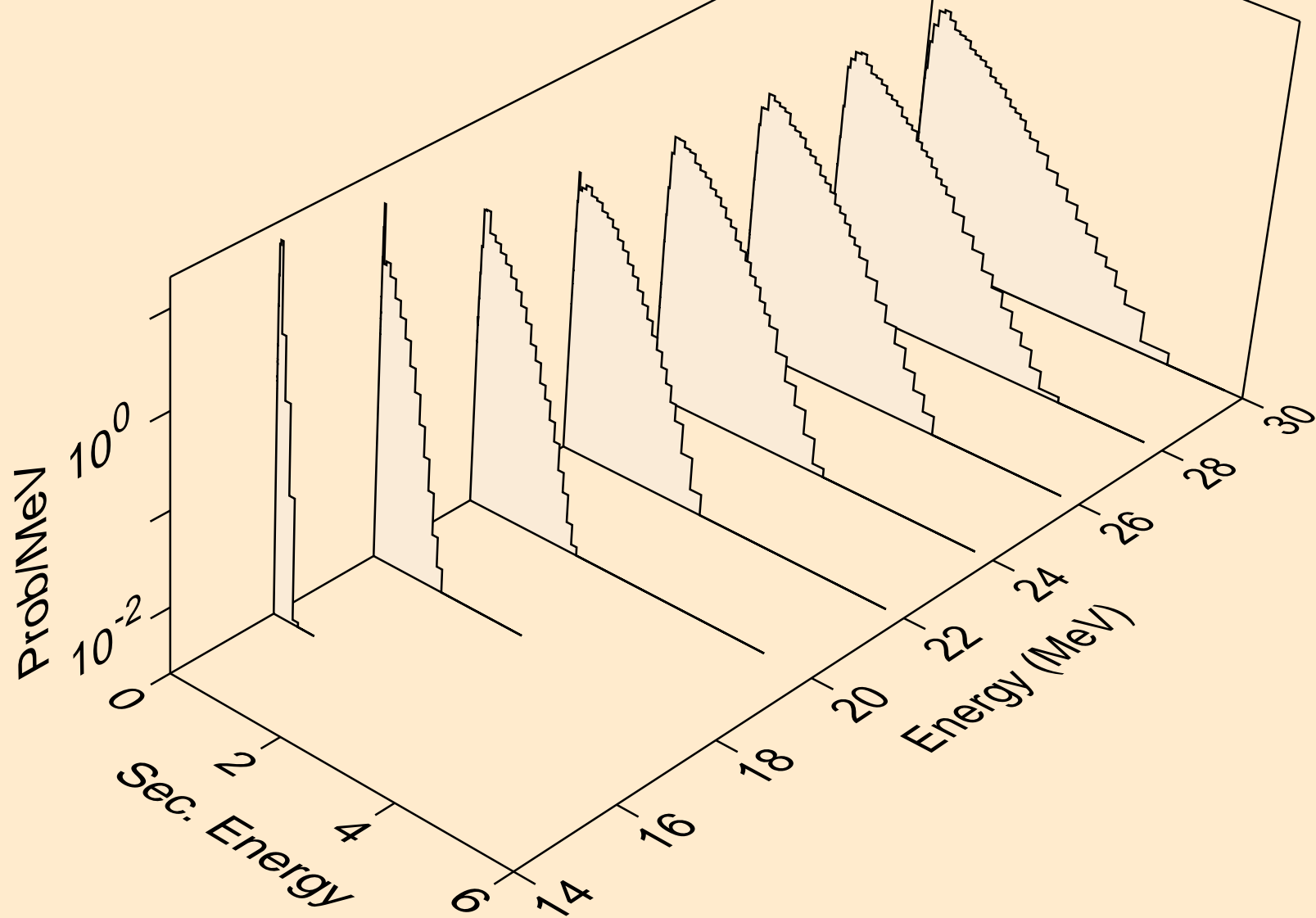
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



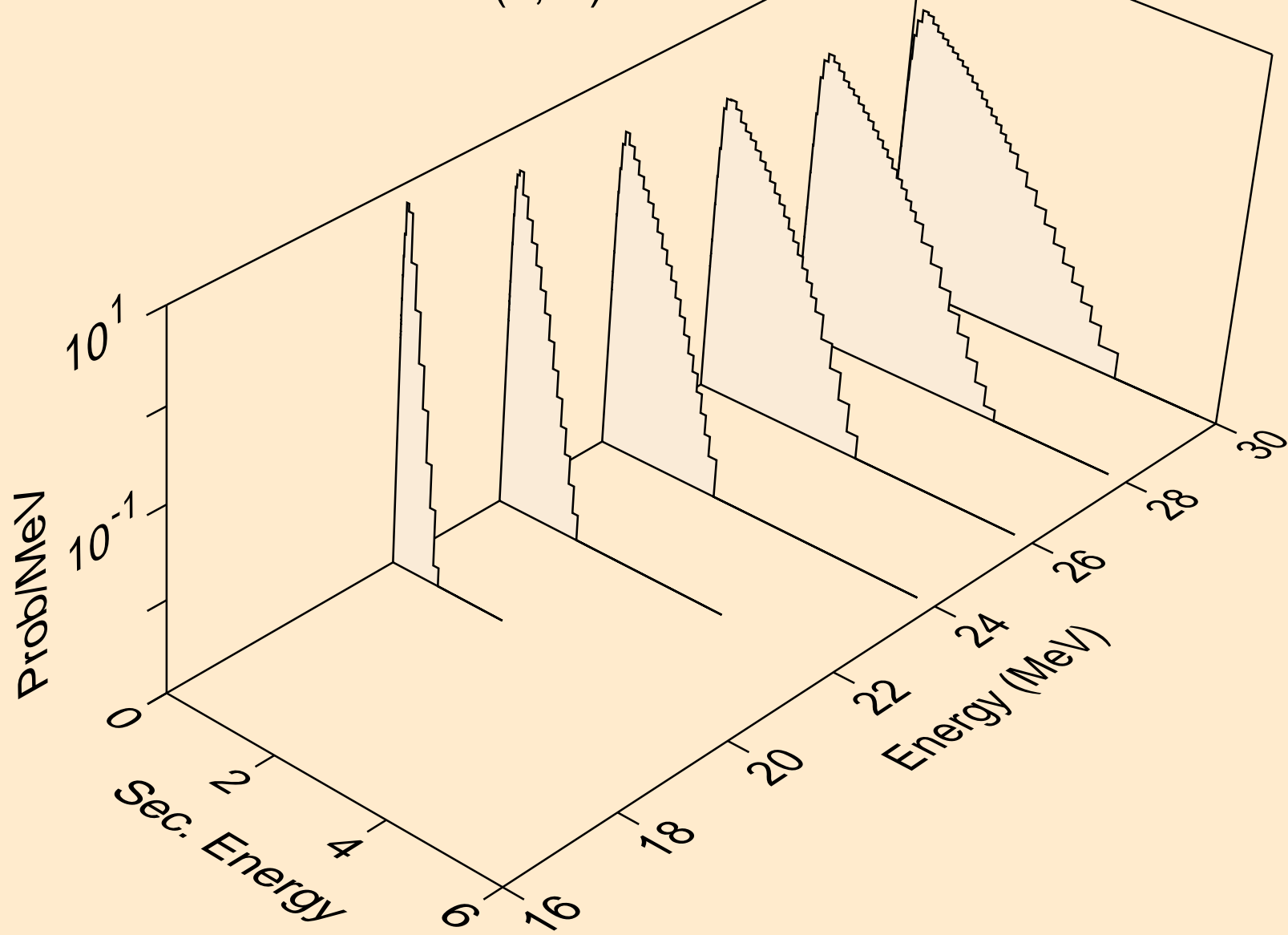
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



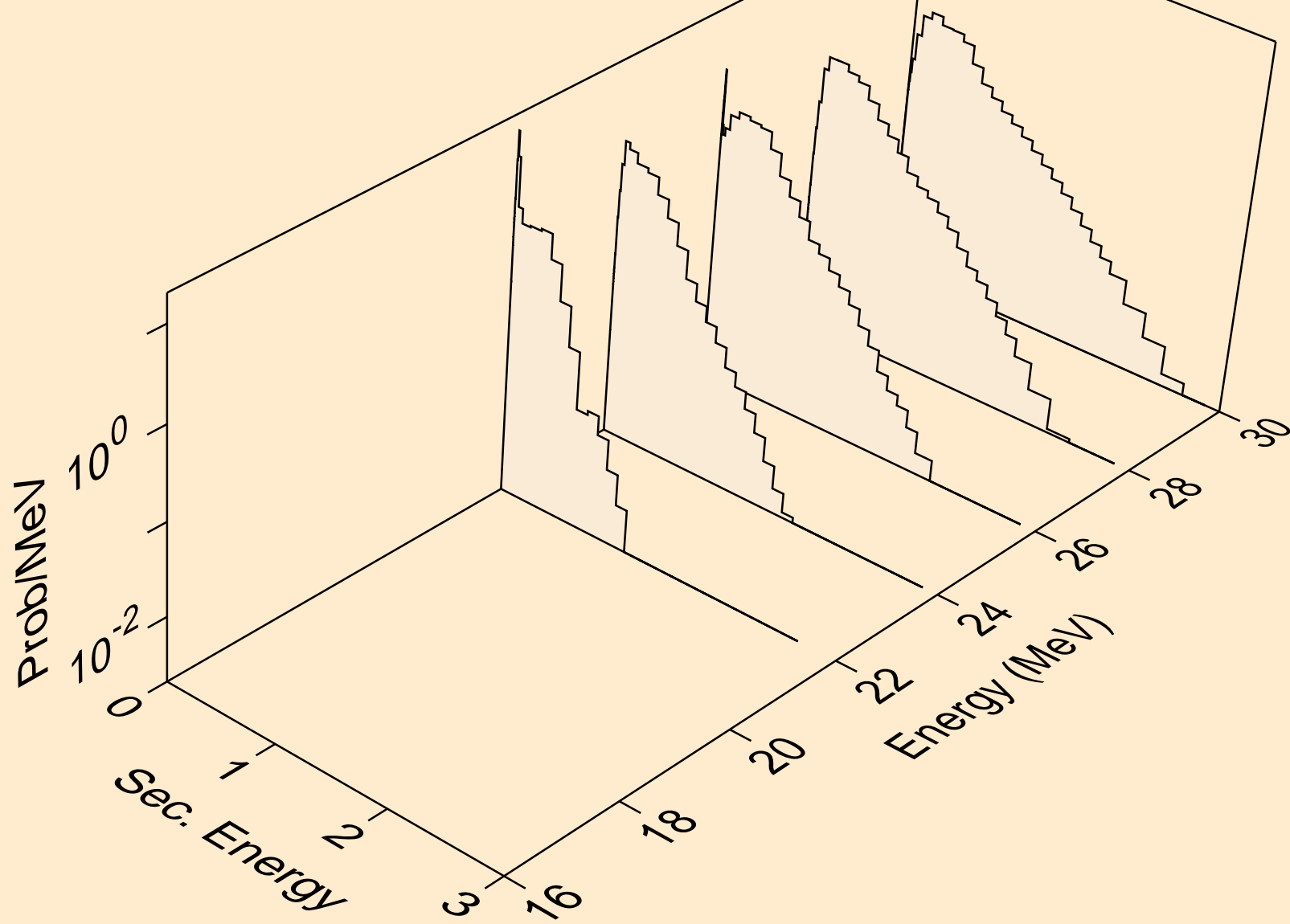
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



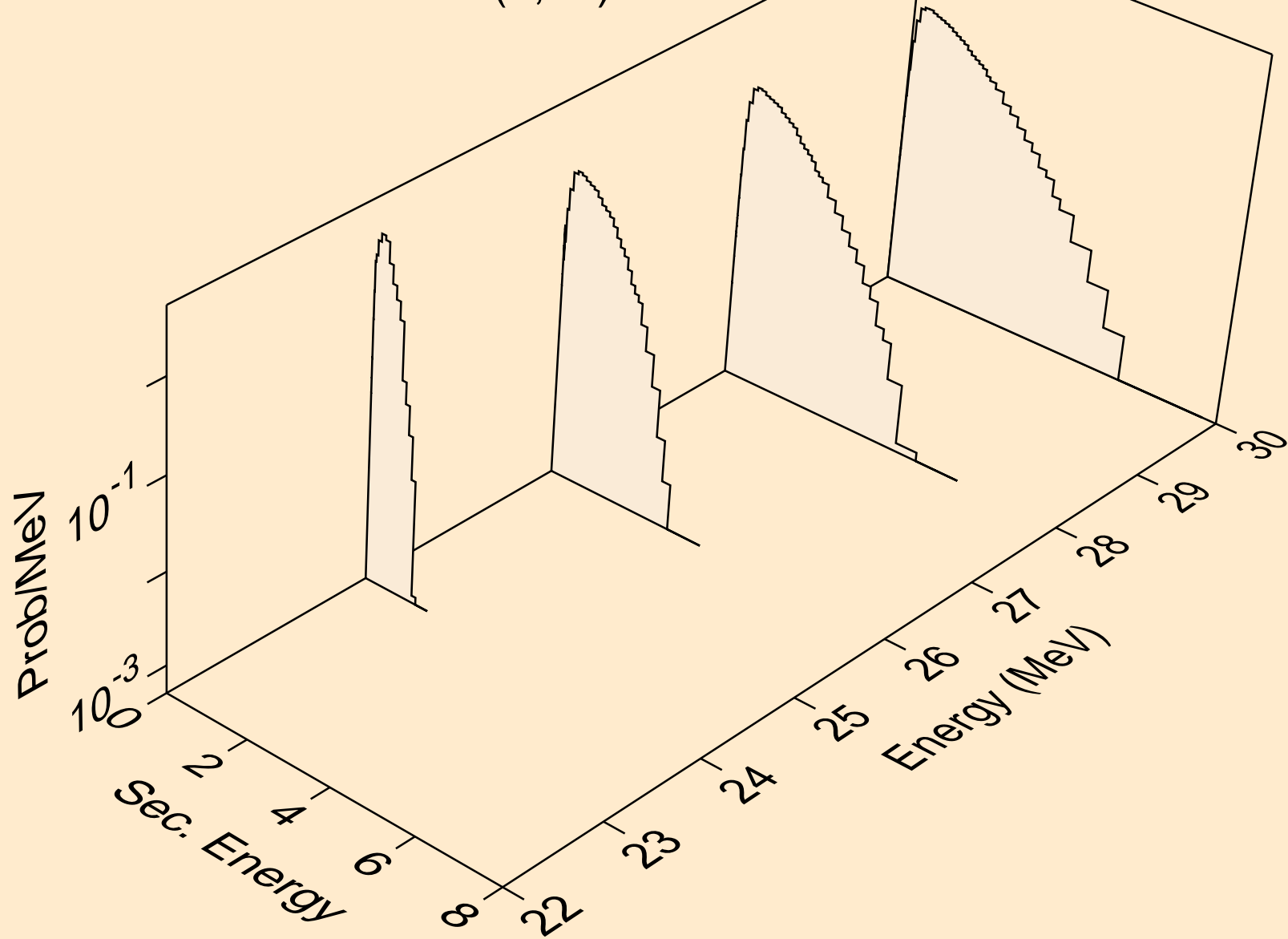
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



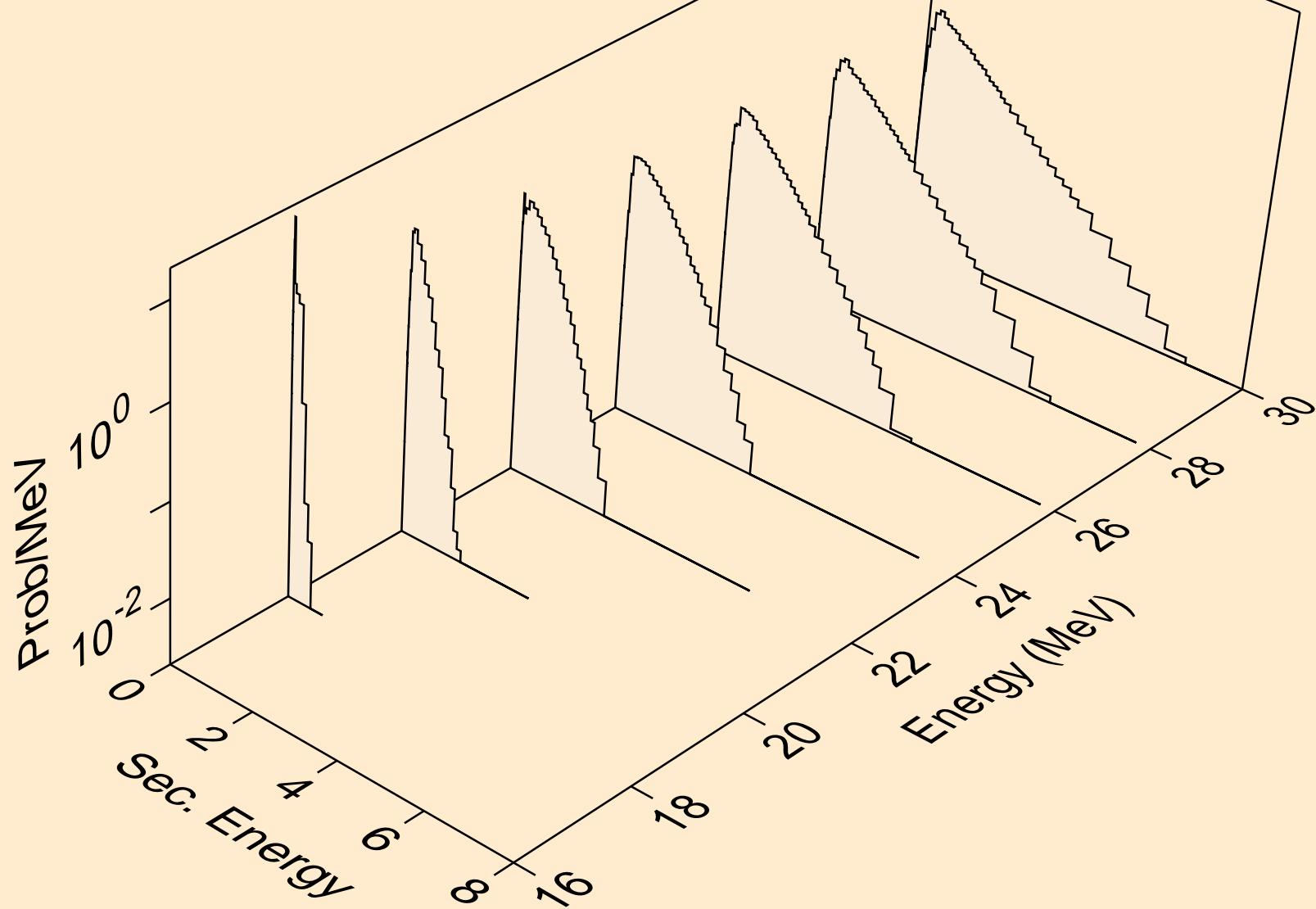
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



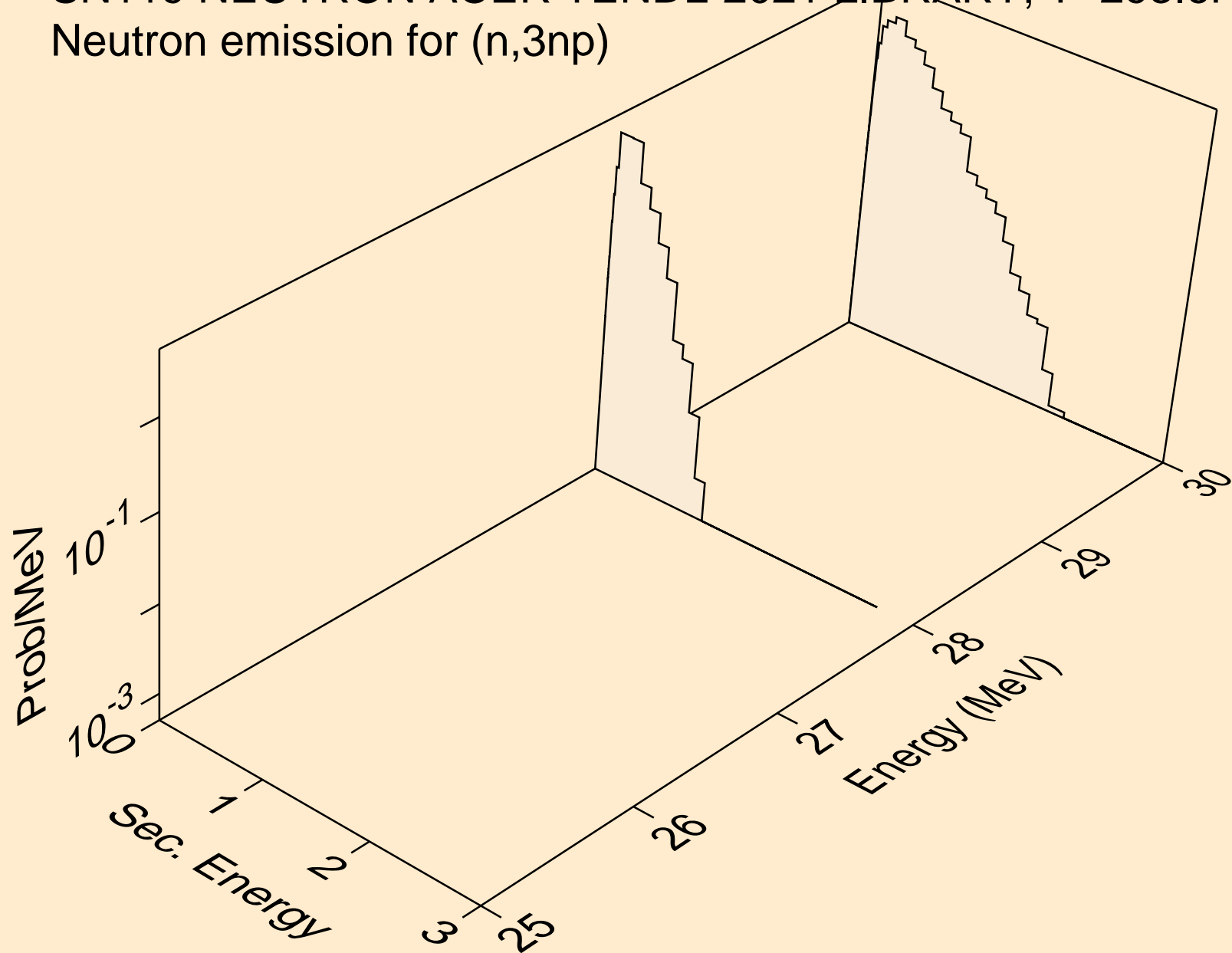
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,4n)



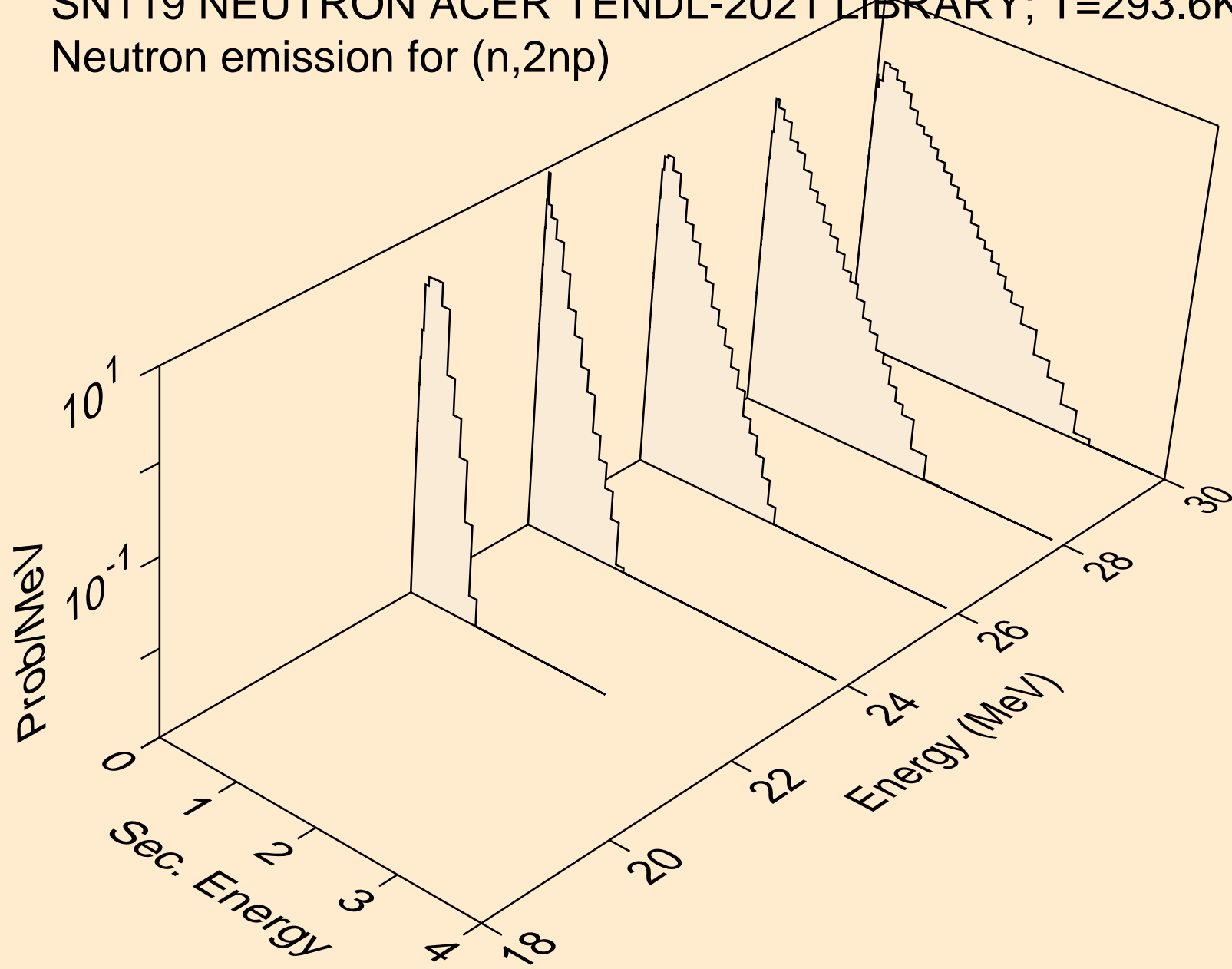
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



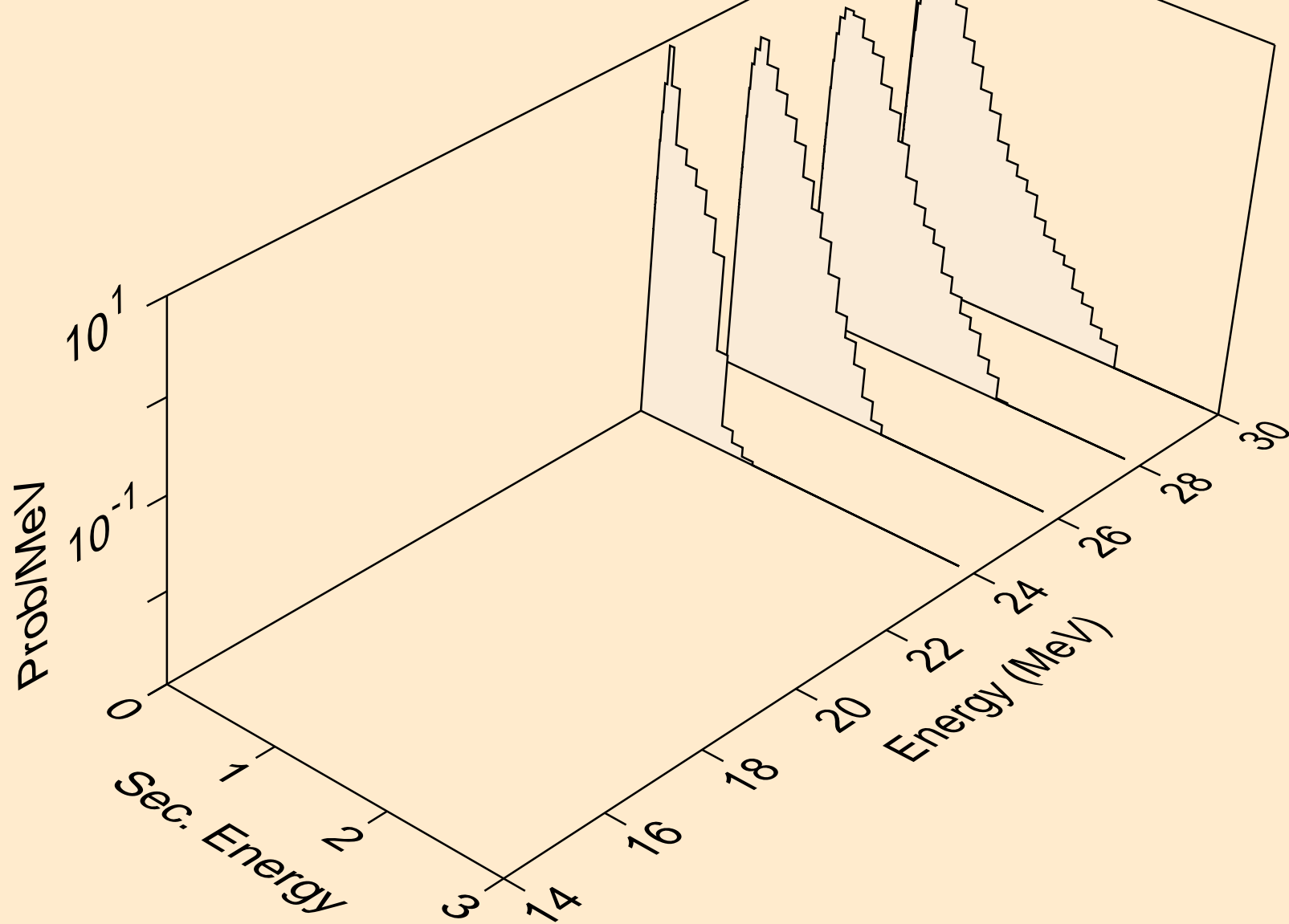
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,3np)



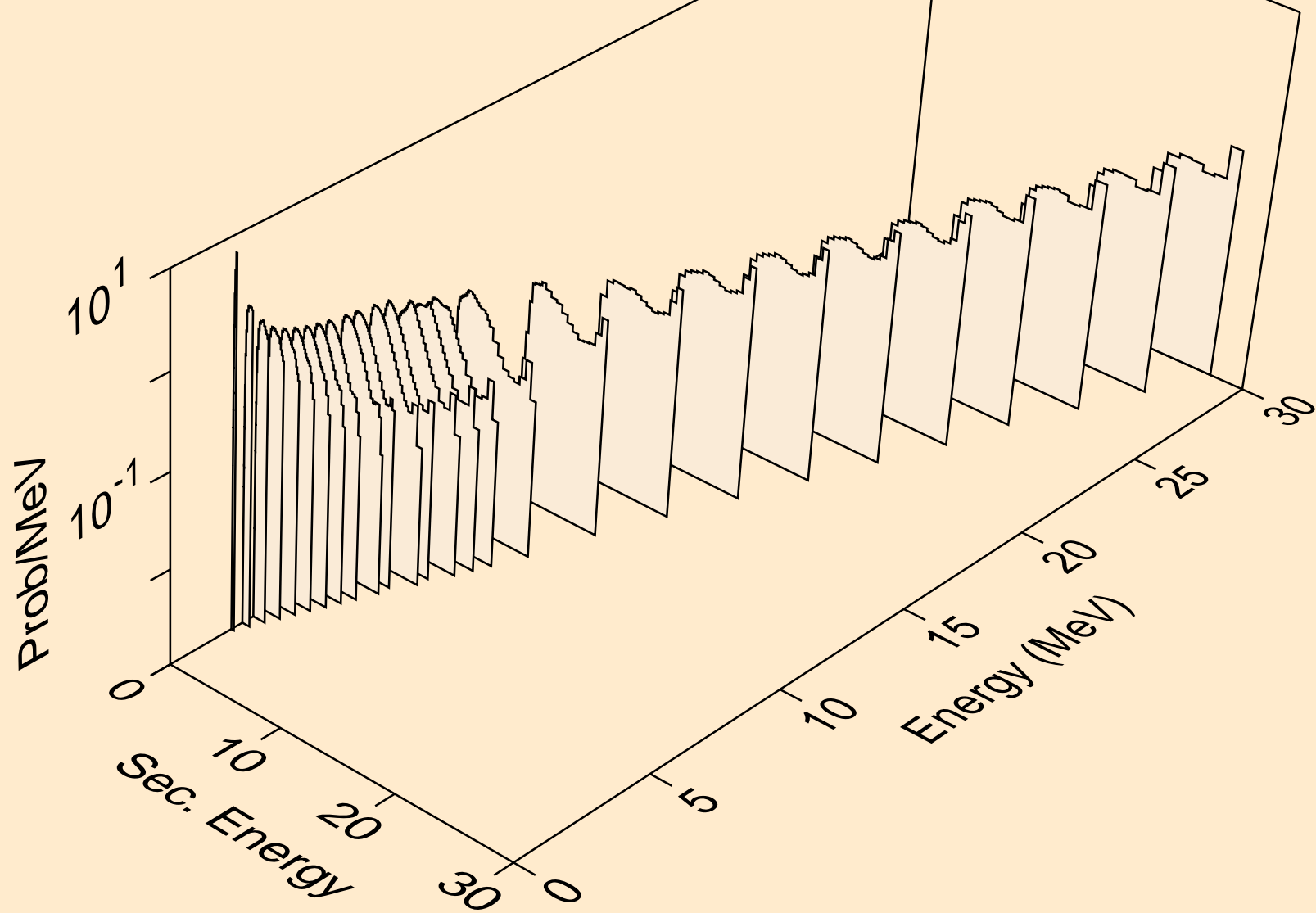
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,2np)



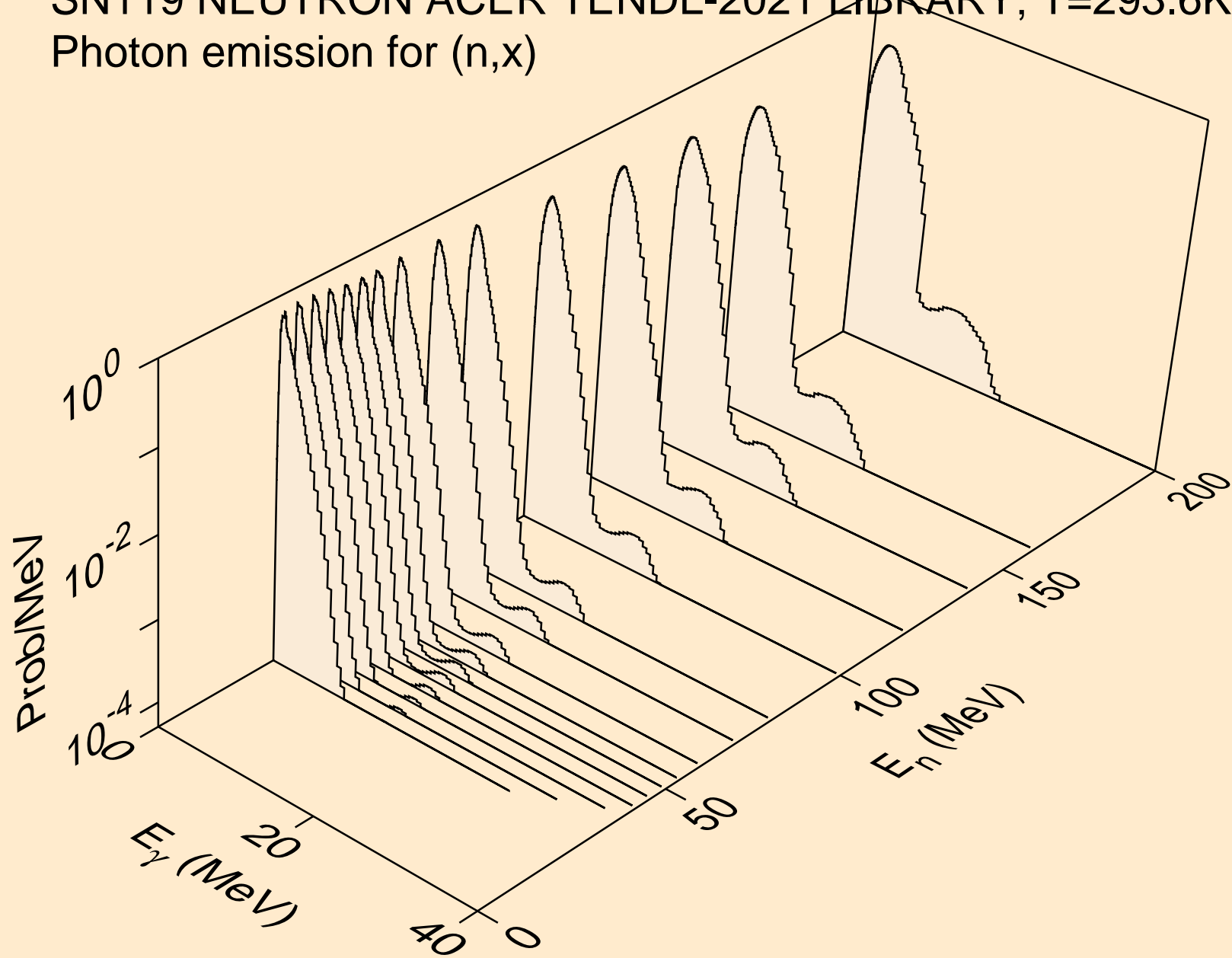
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,npa)



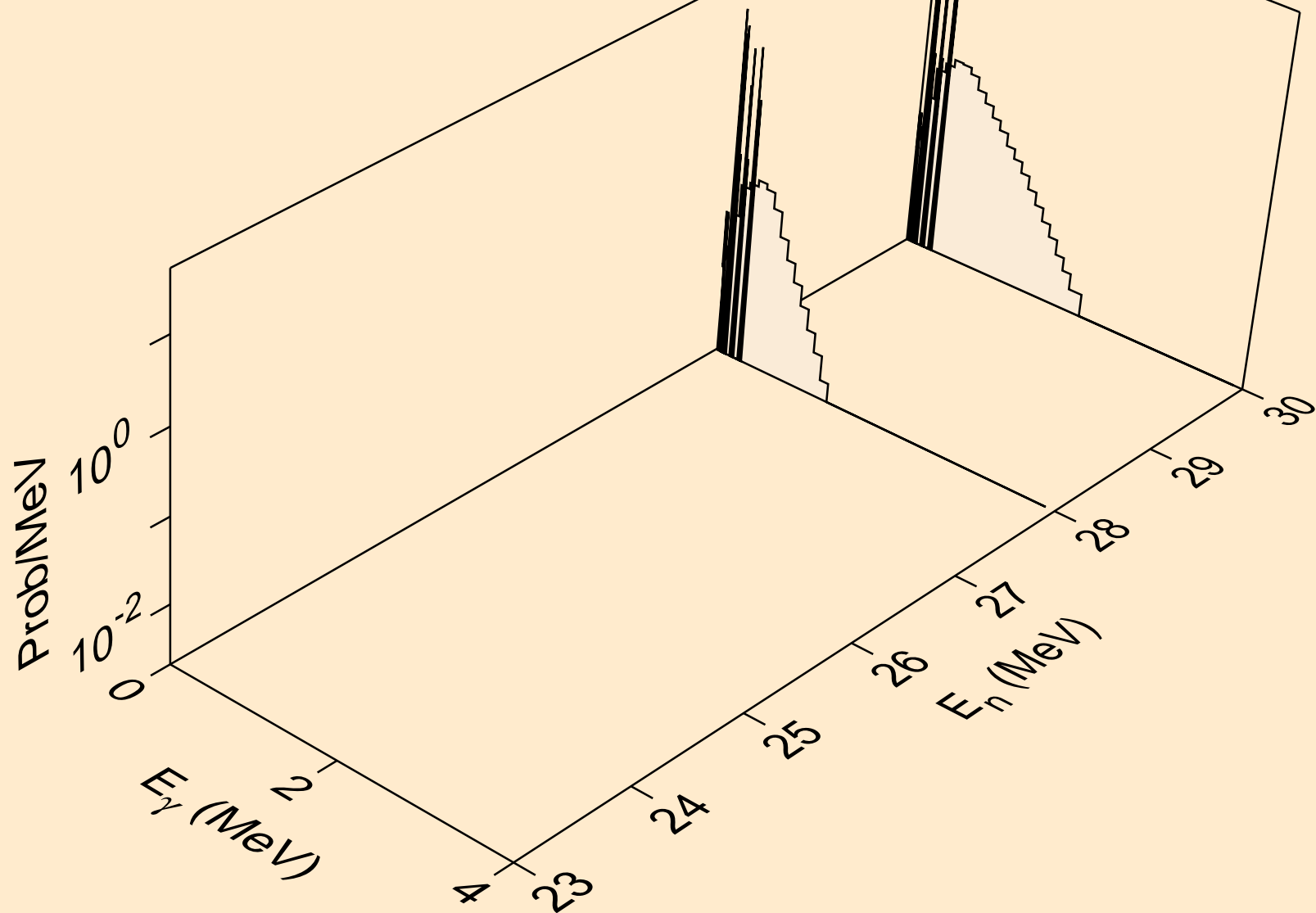
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



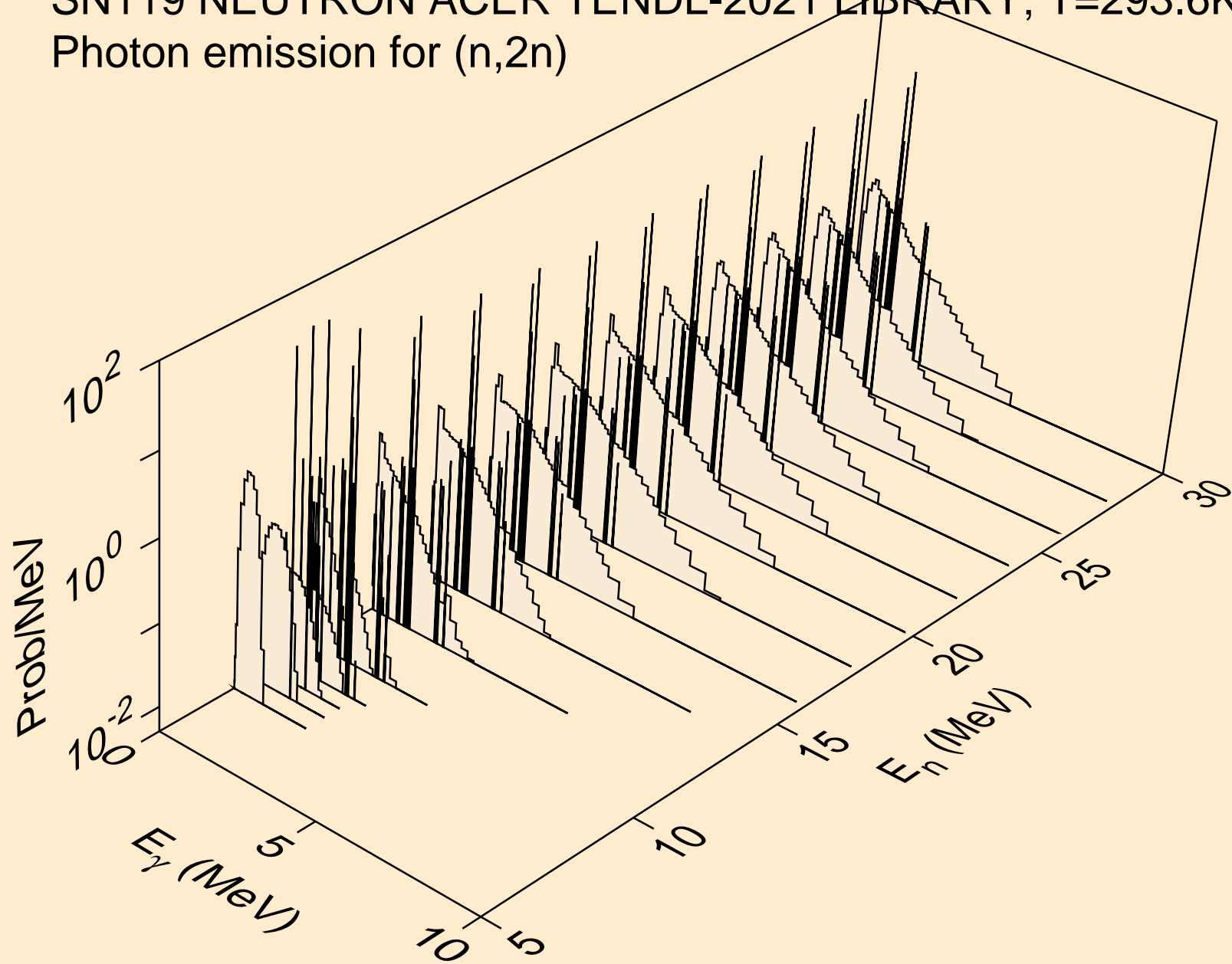
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,x)



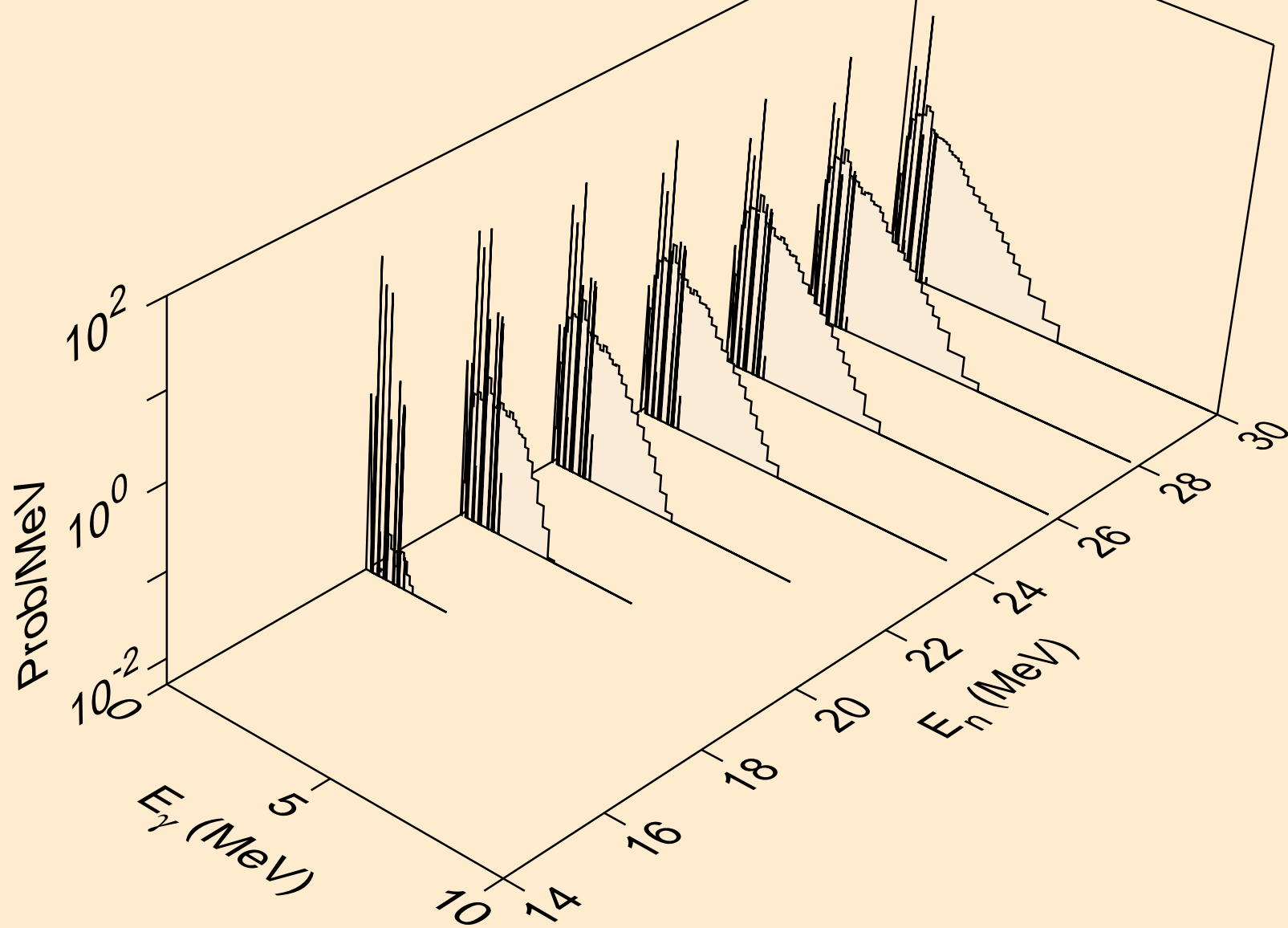
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2nd)



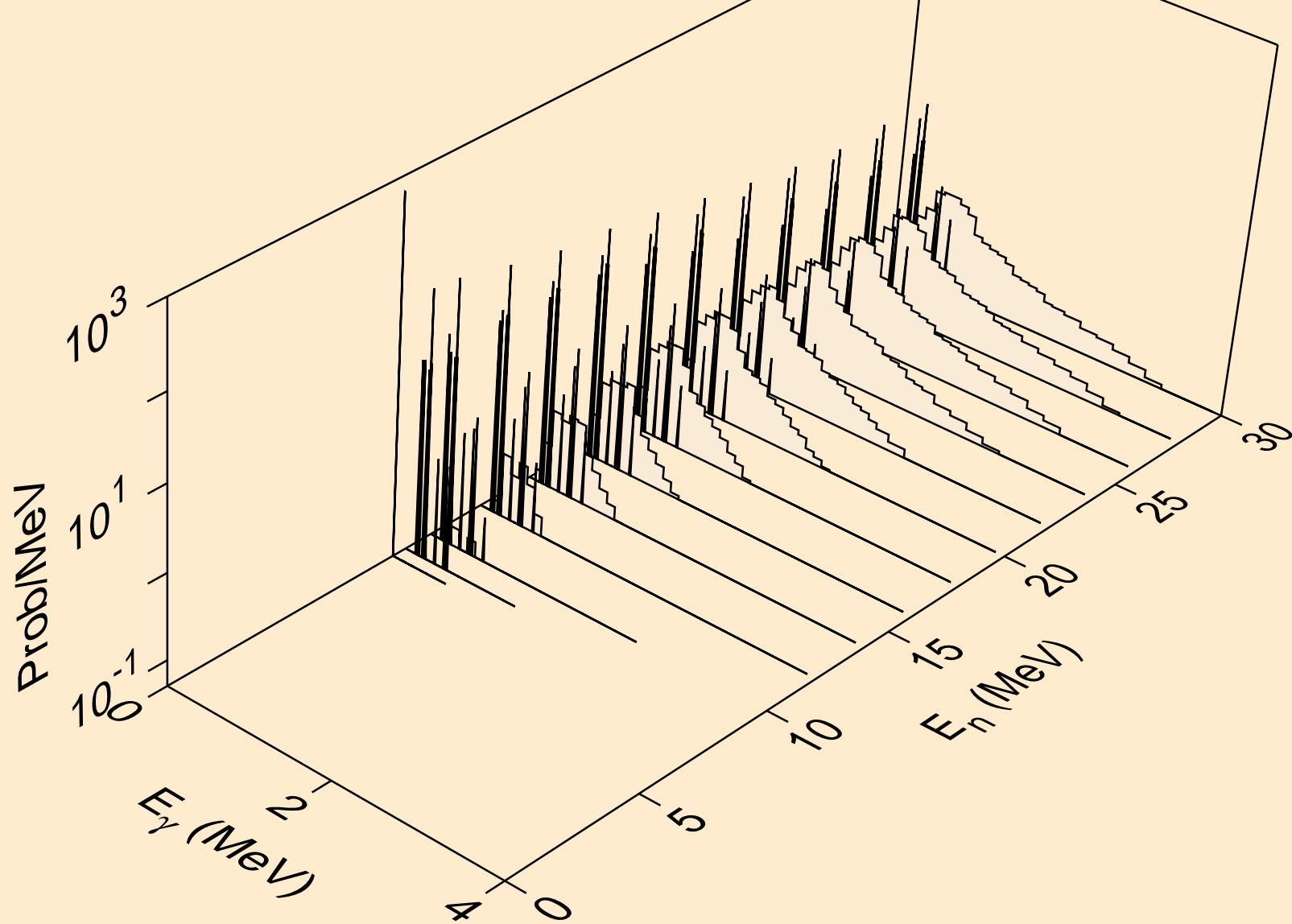
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2n)



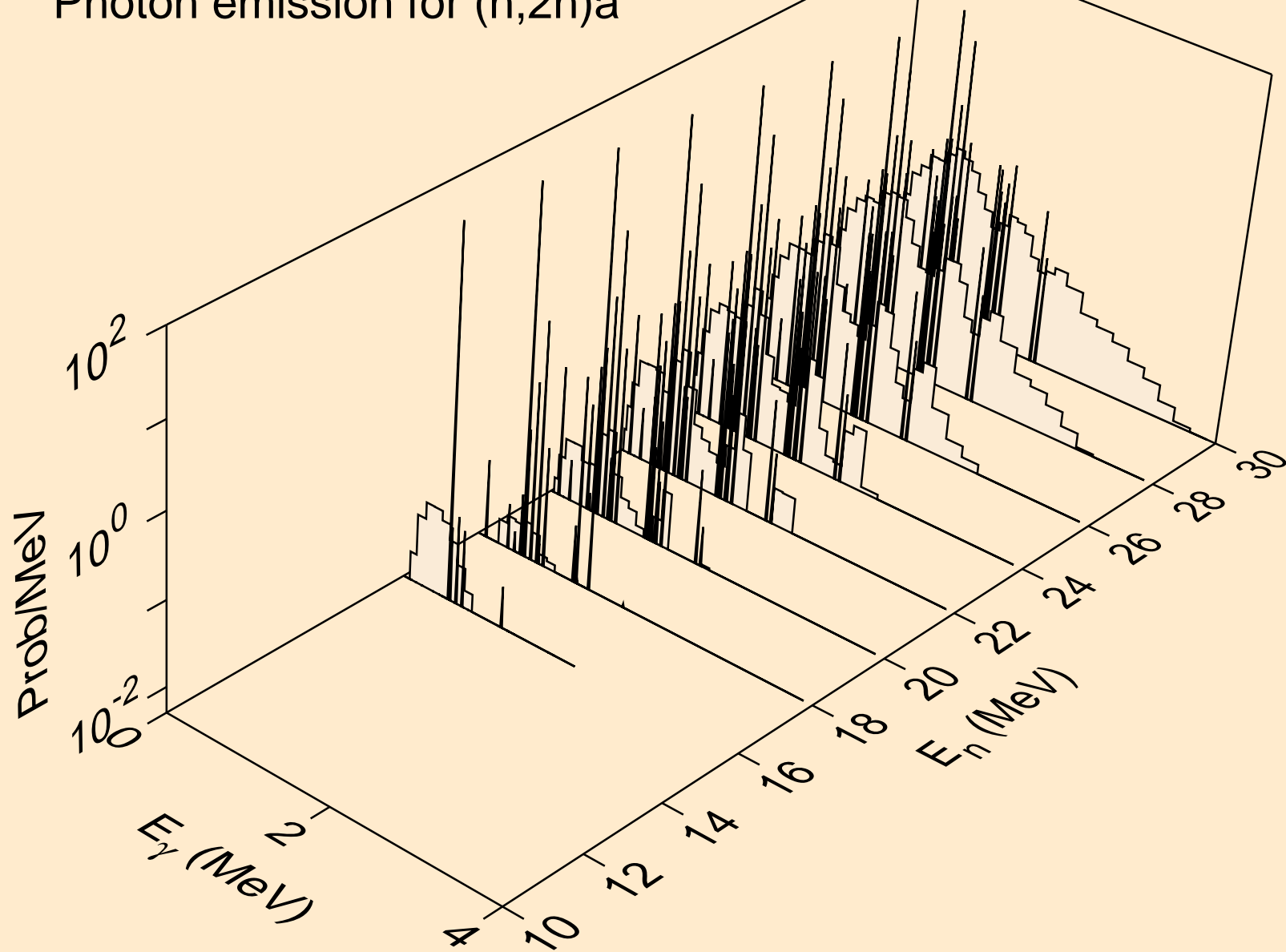
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,3n)



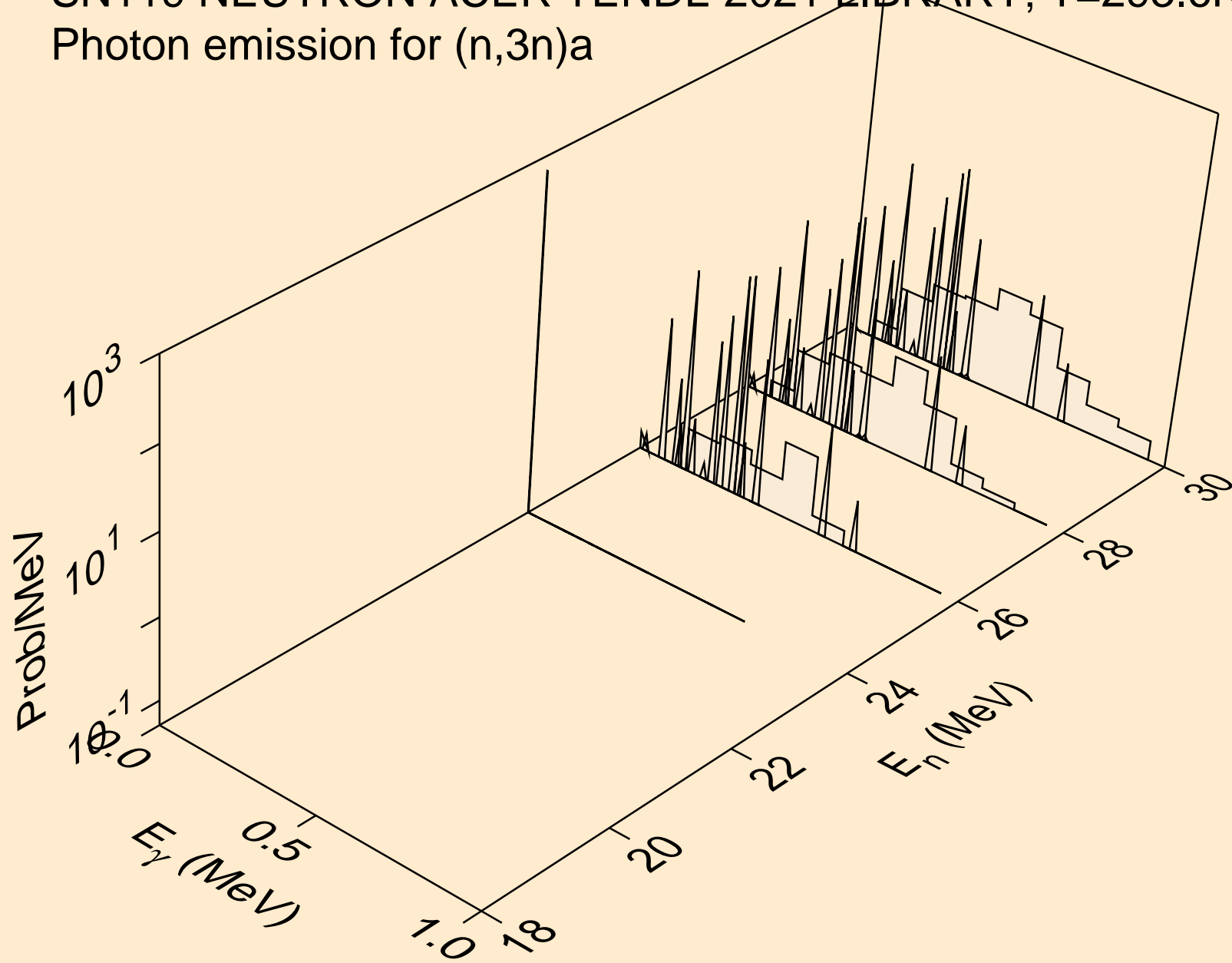
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)a



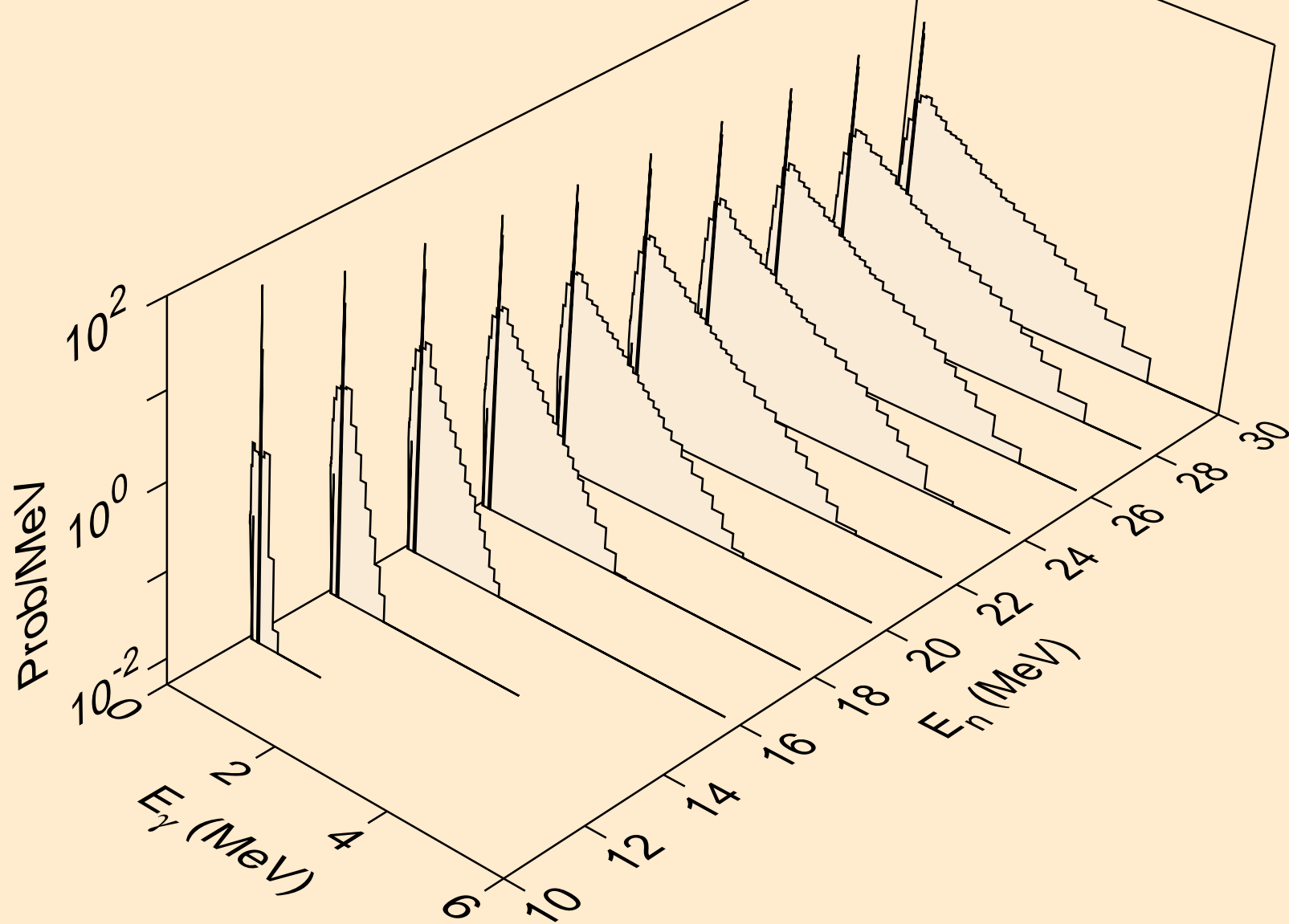
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Photon emission for (n,2n)a



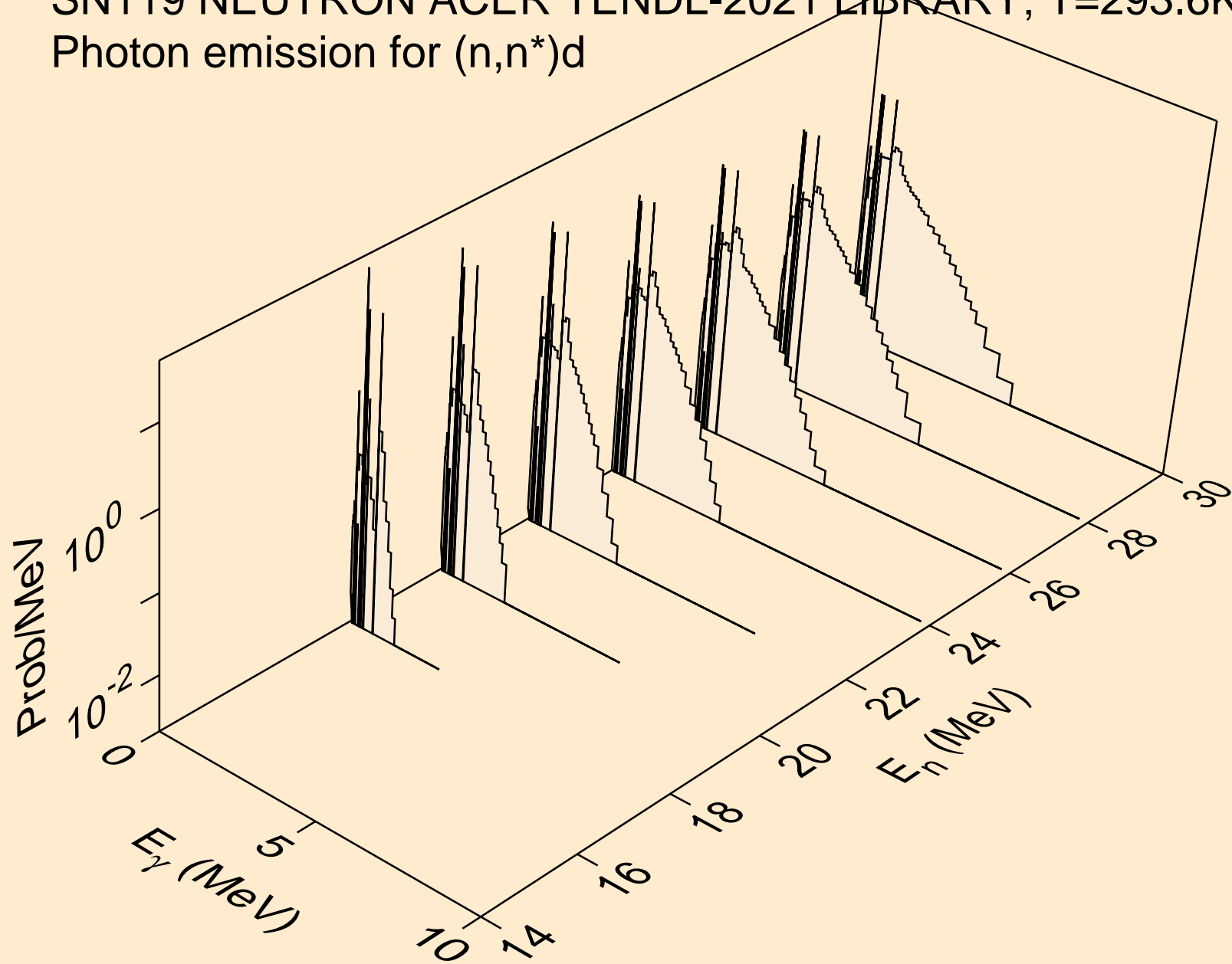
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Photon emission for (n,3n)a



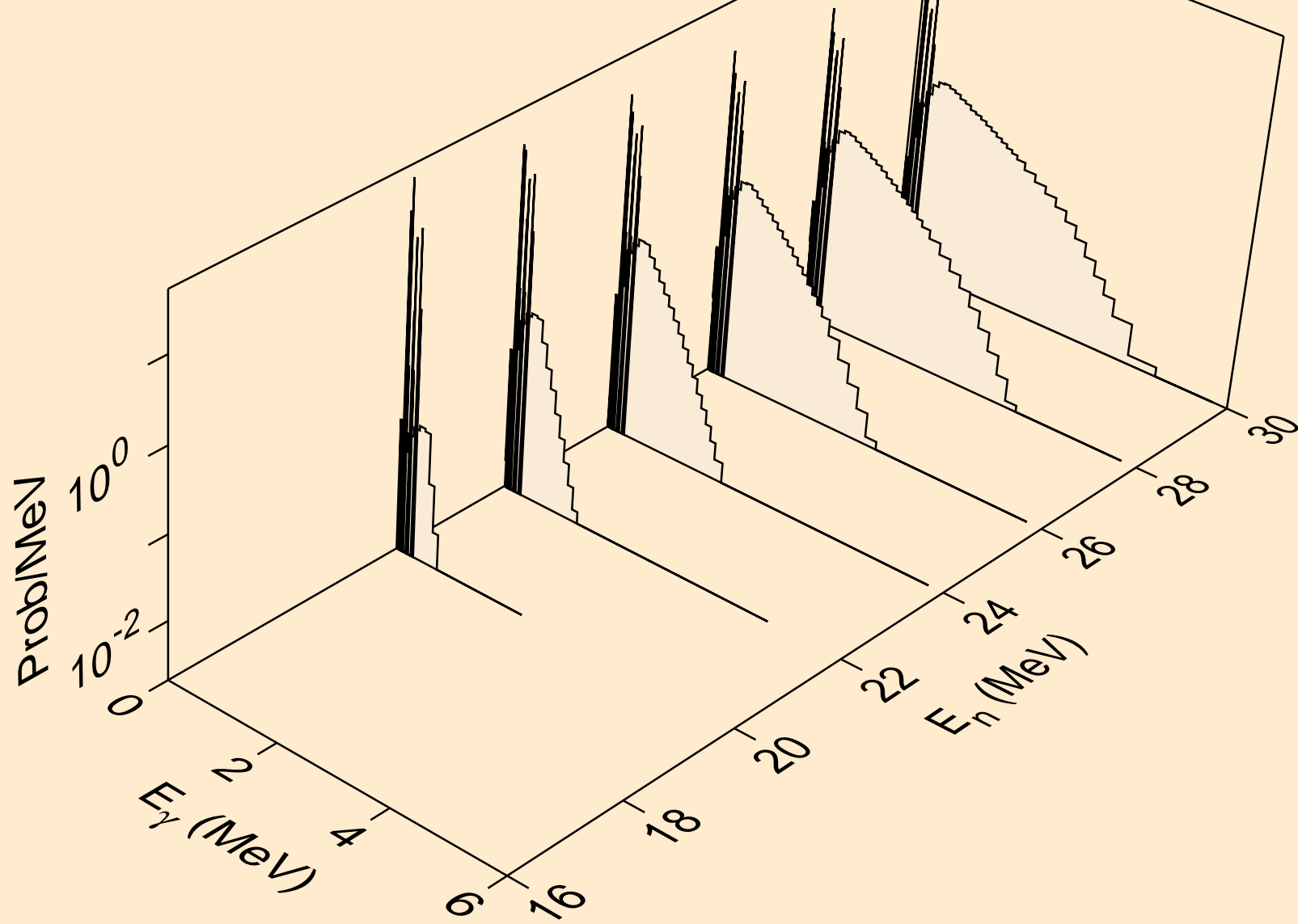
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)p



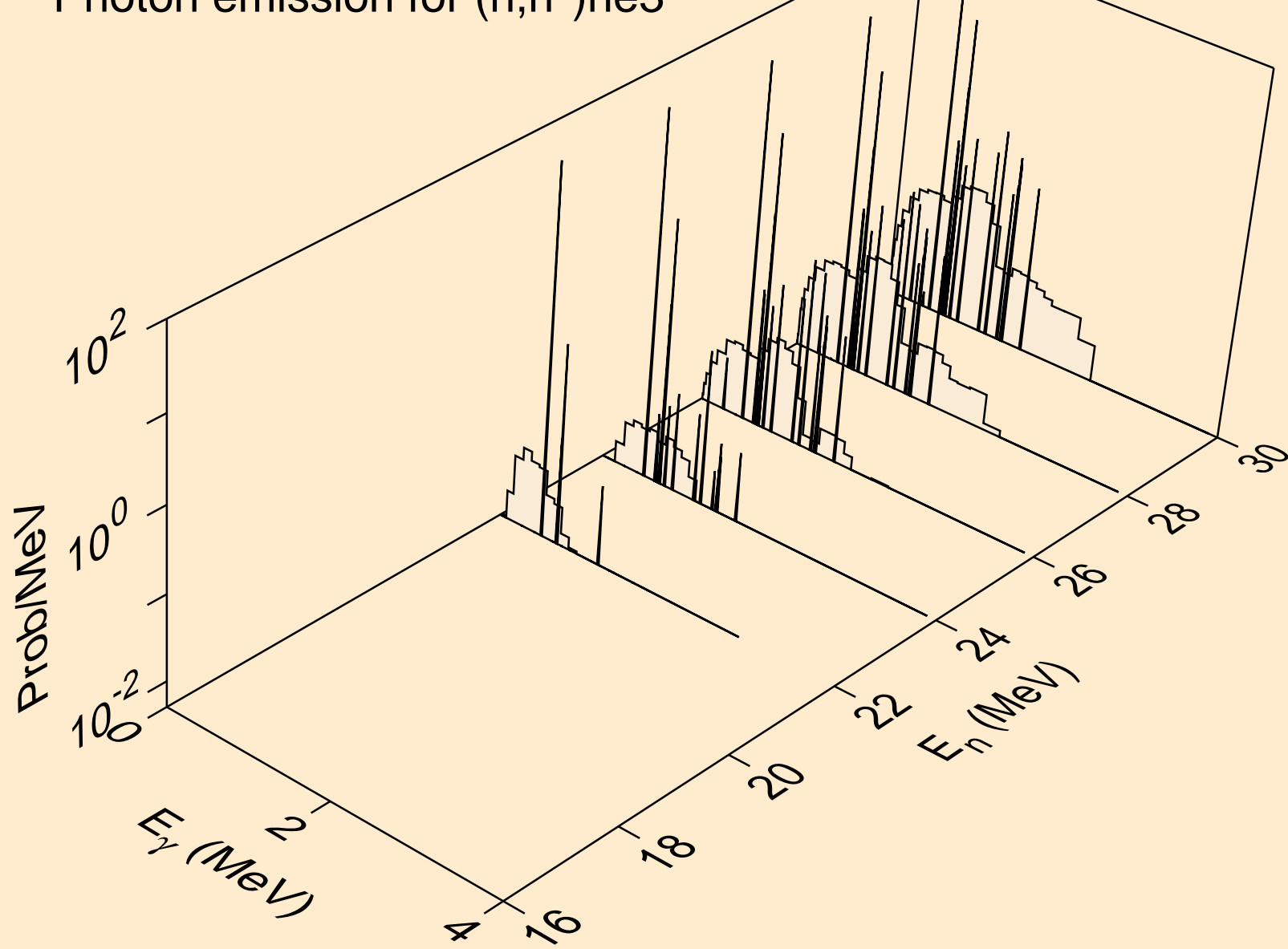
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)d



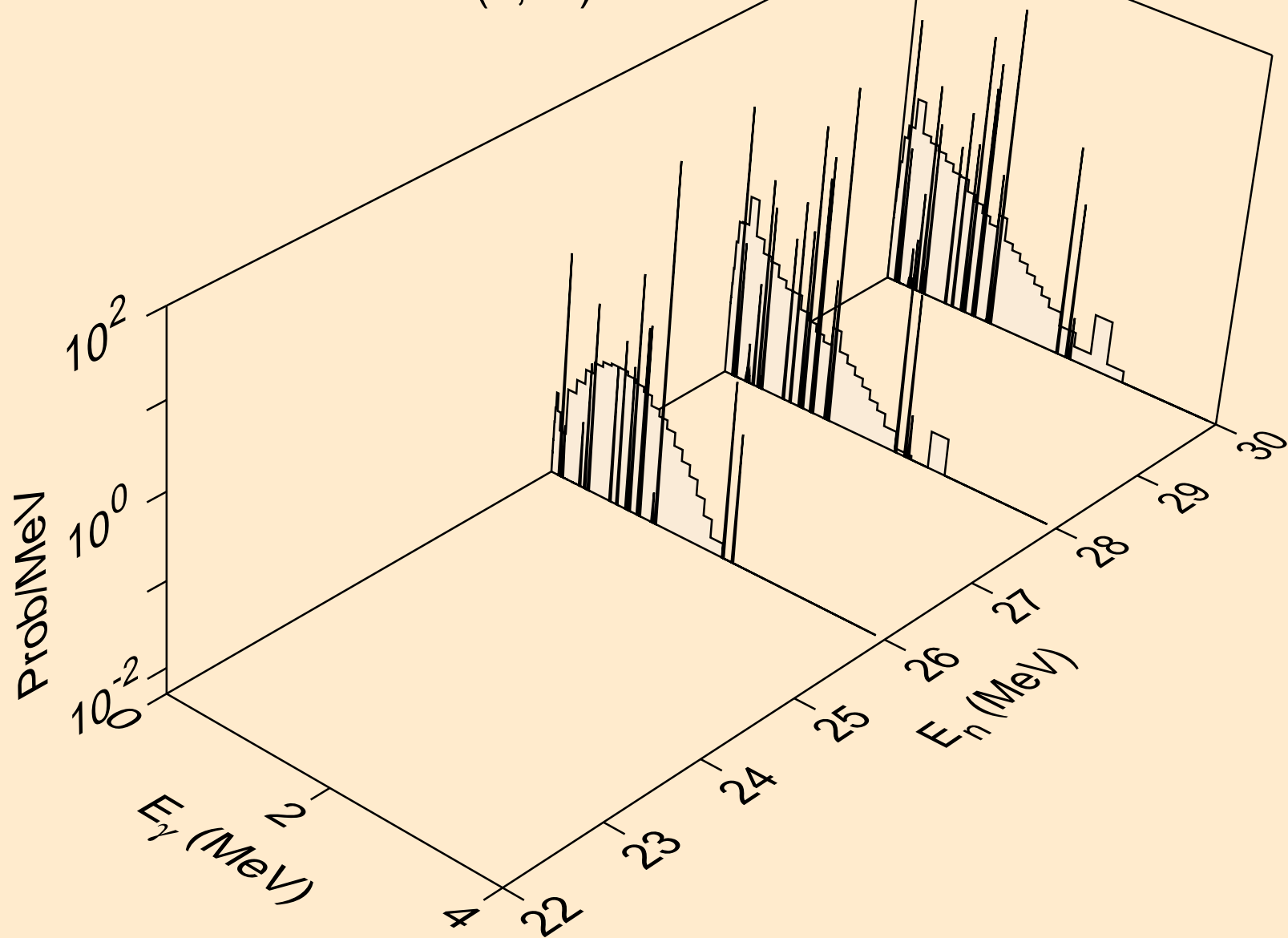
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)t



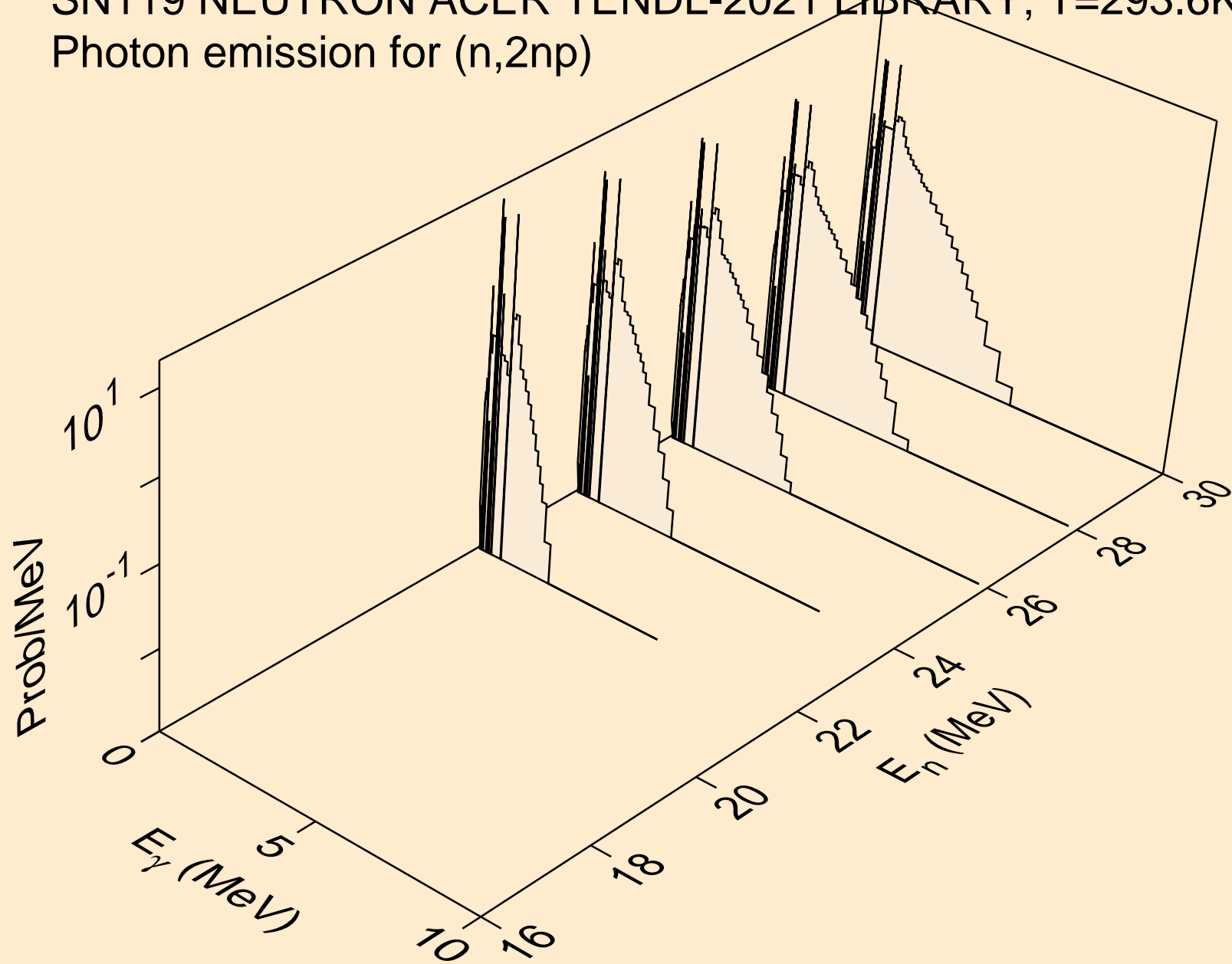
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



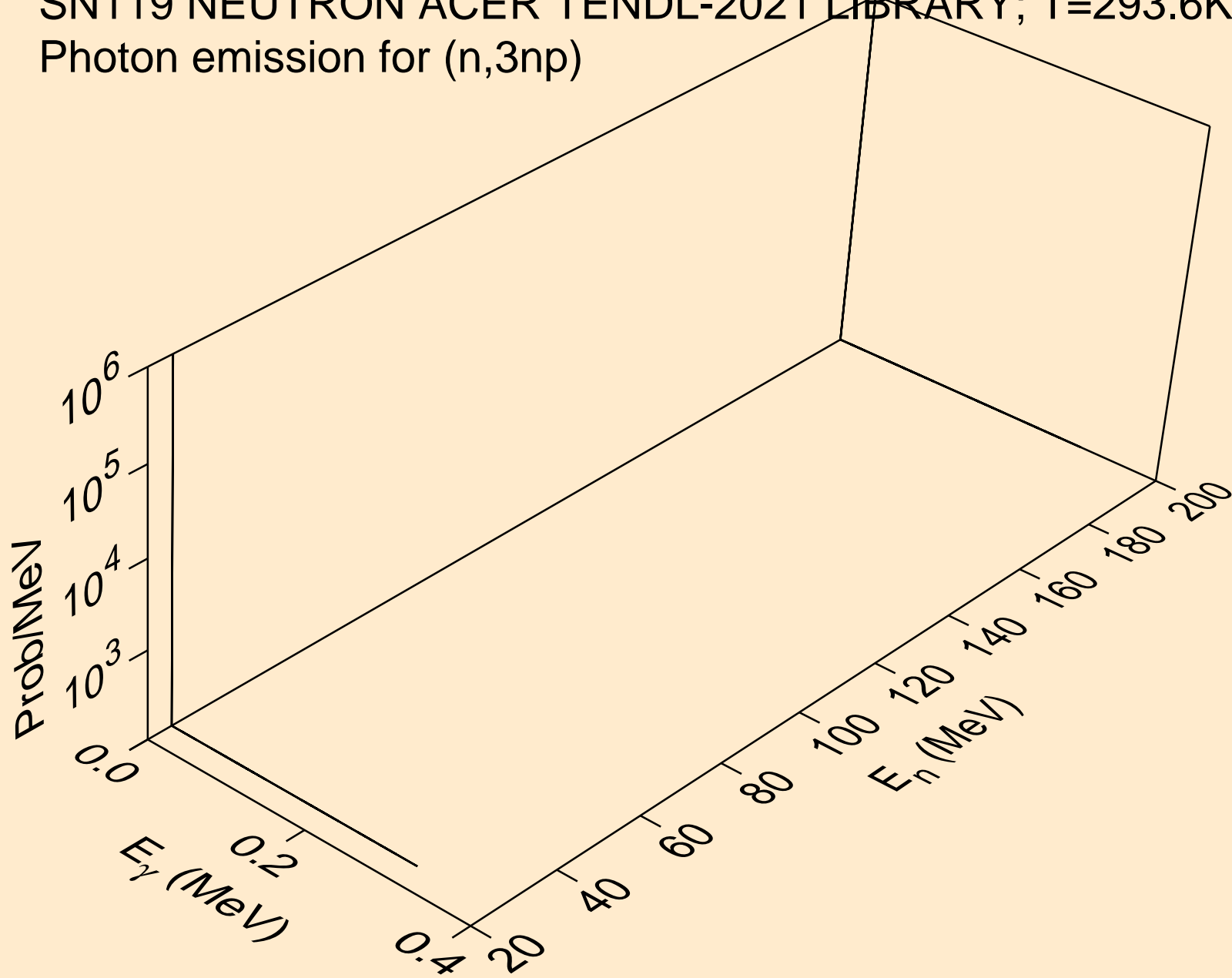
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,4n)



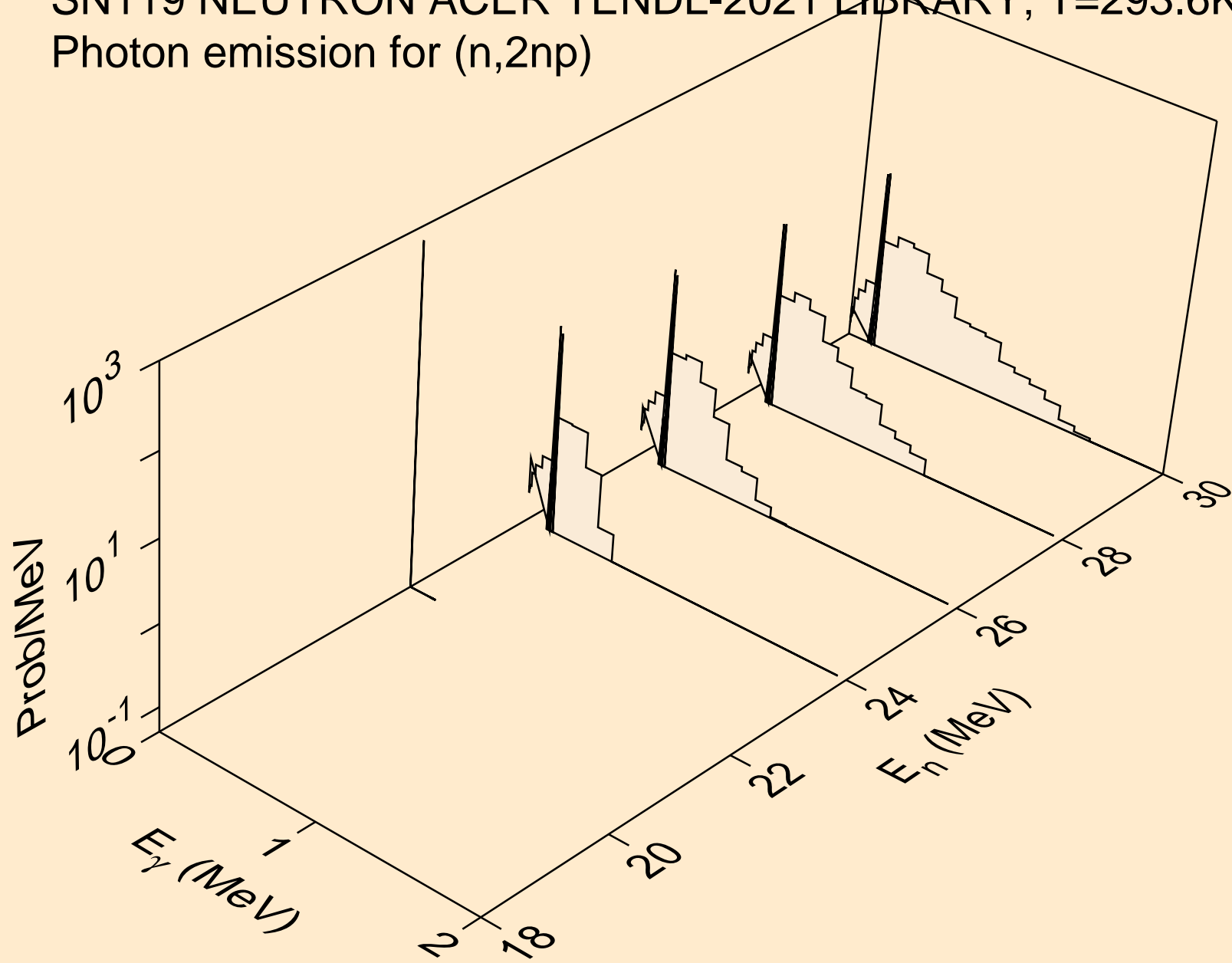
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2np)



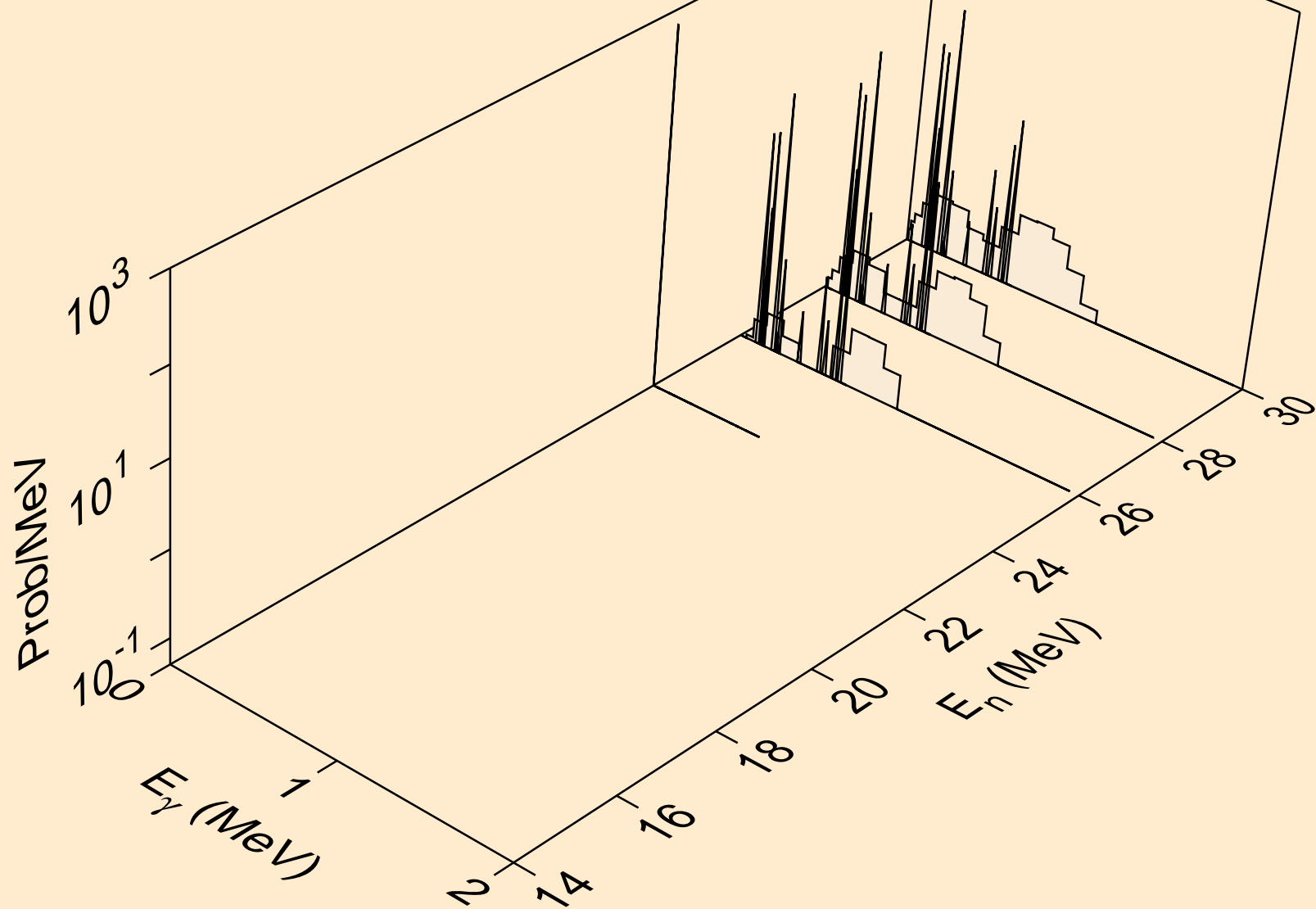
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Photon emission for (n,3np)



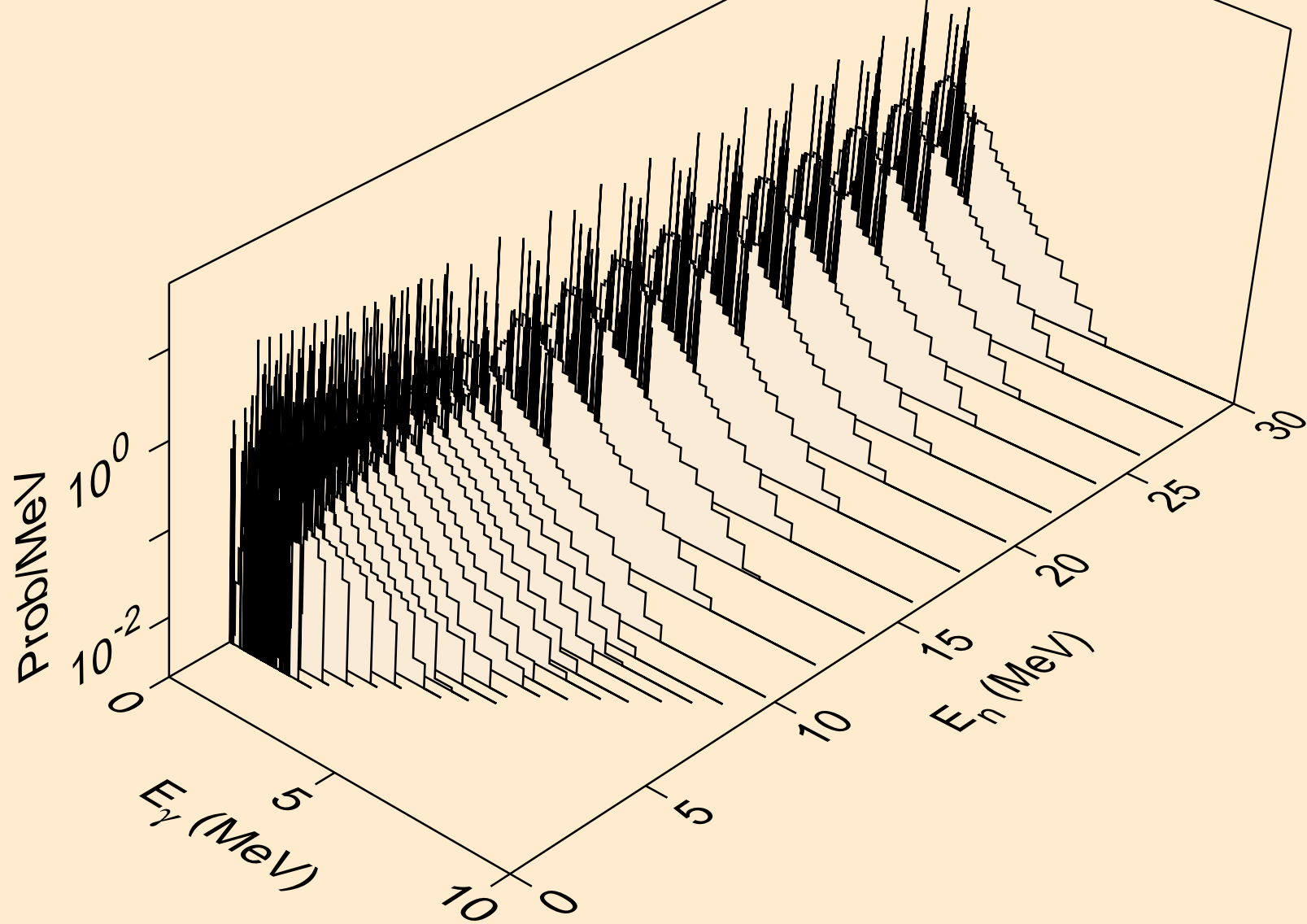
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Photon emission for (n,2np)



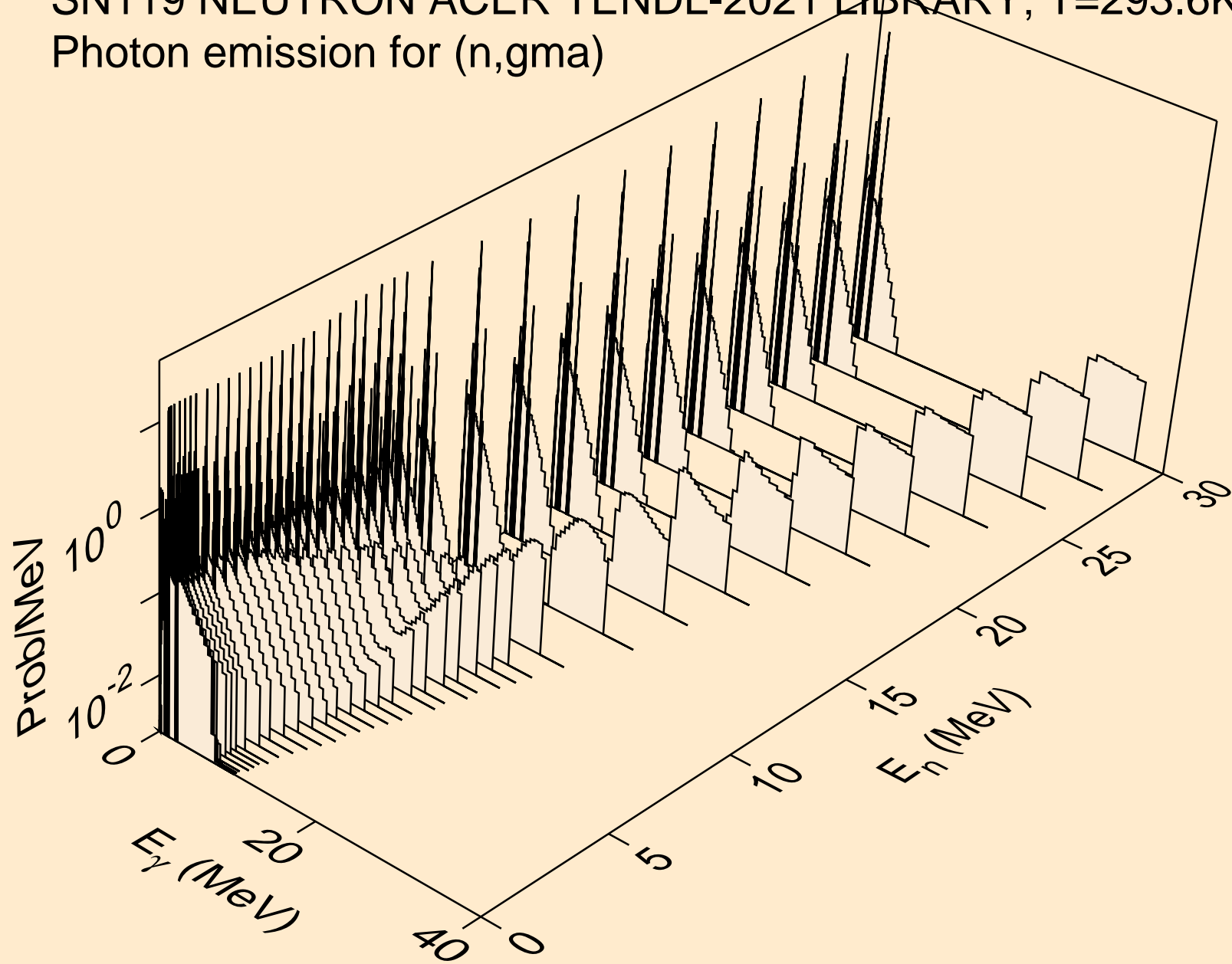
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Photon emission for (n,npa)



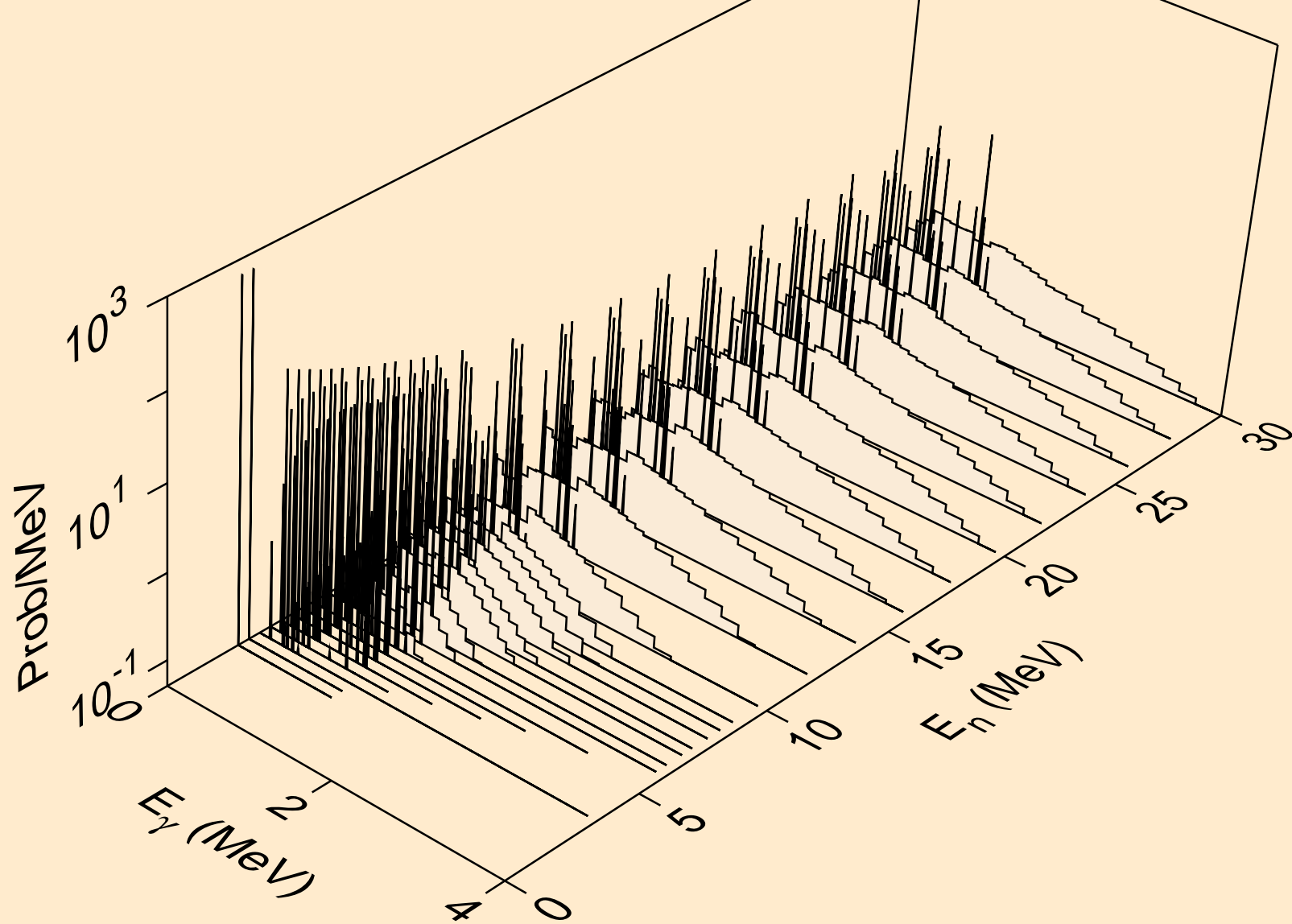
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,n*c)



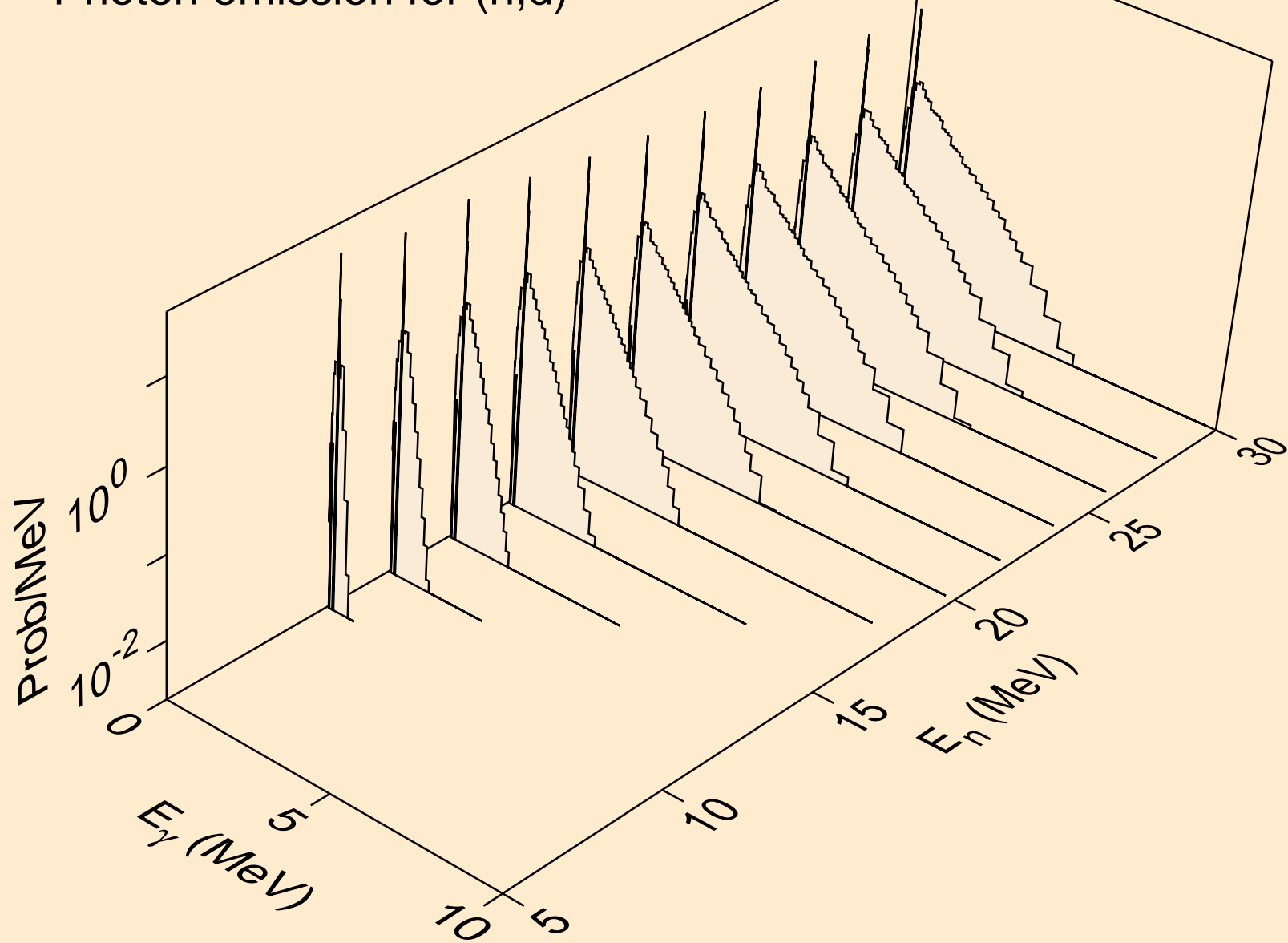
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,gma)



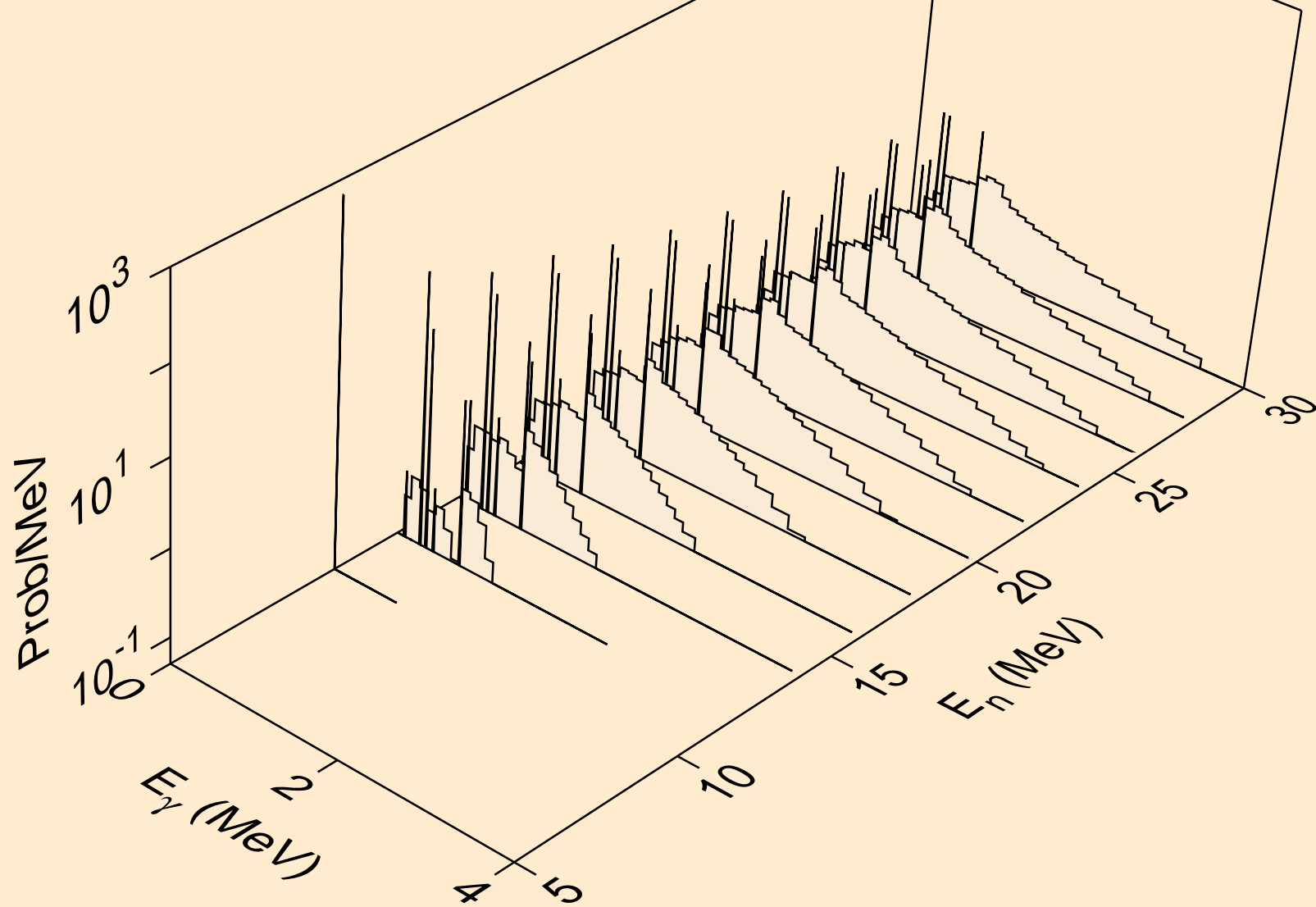
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p)



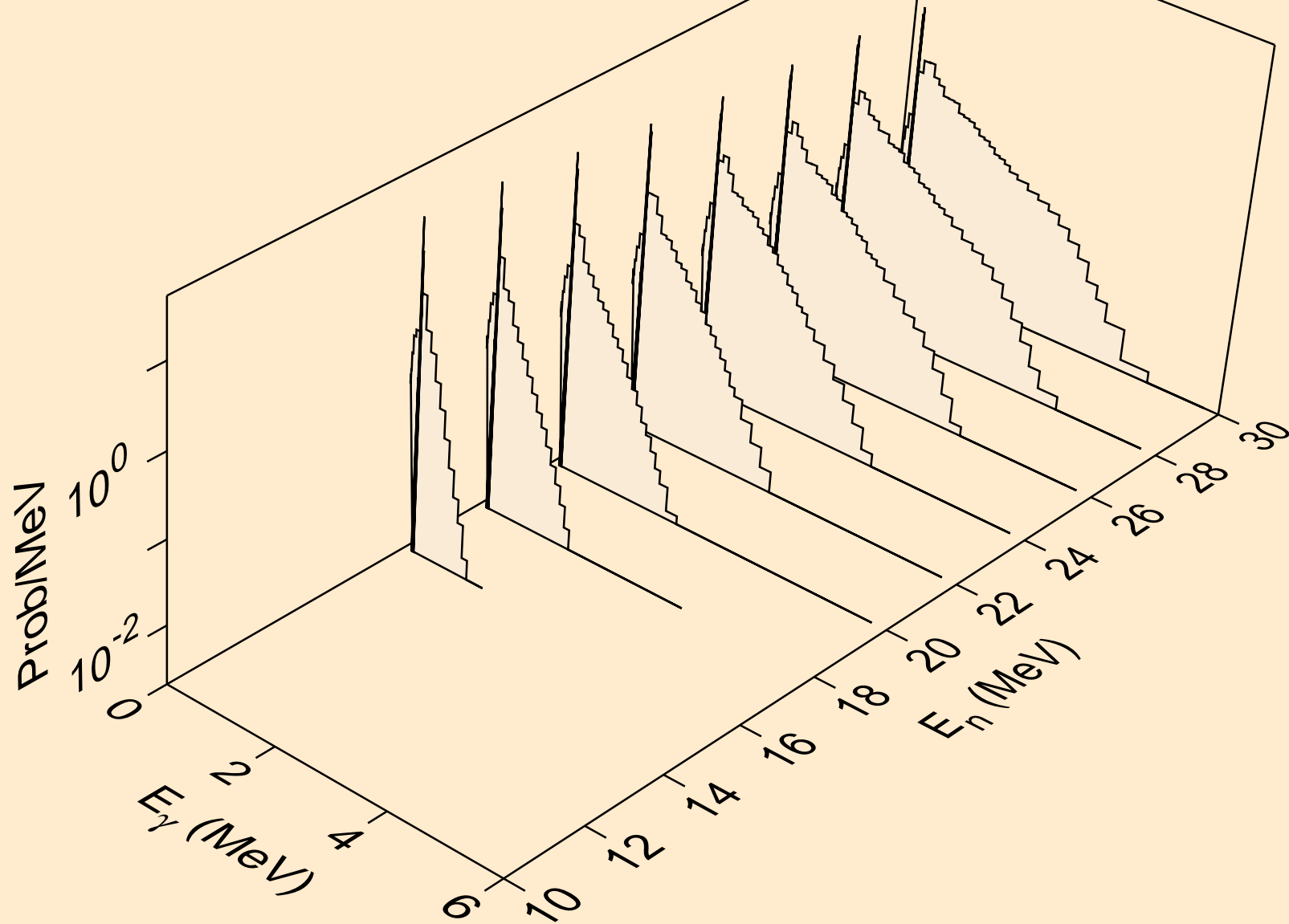
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,d)



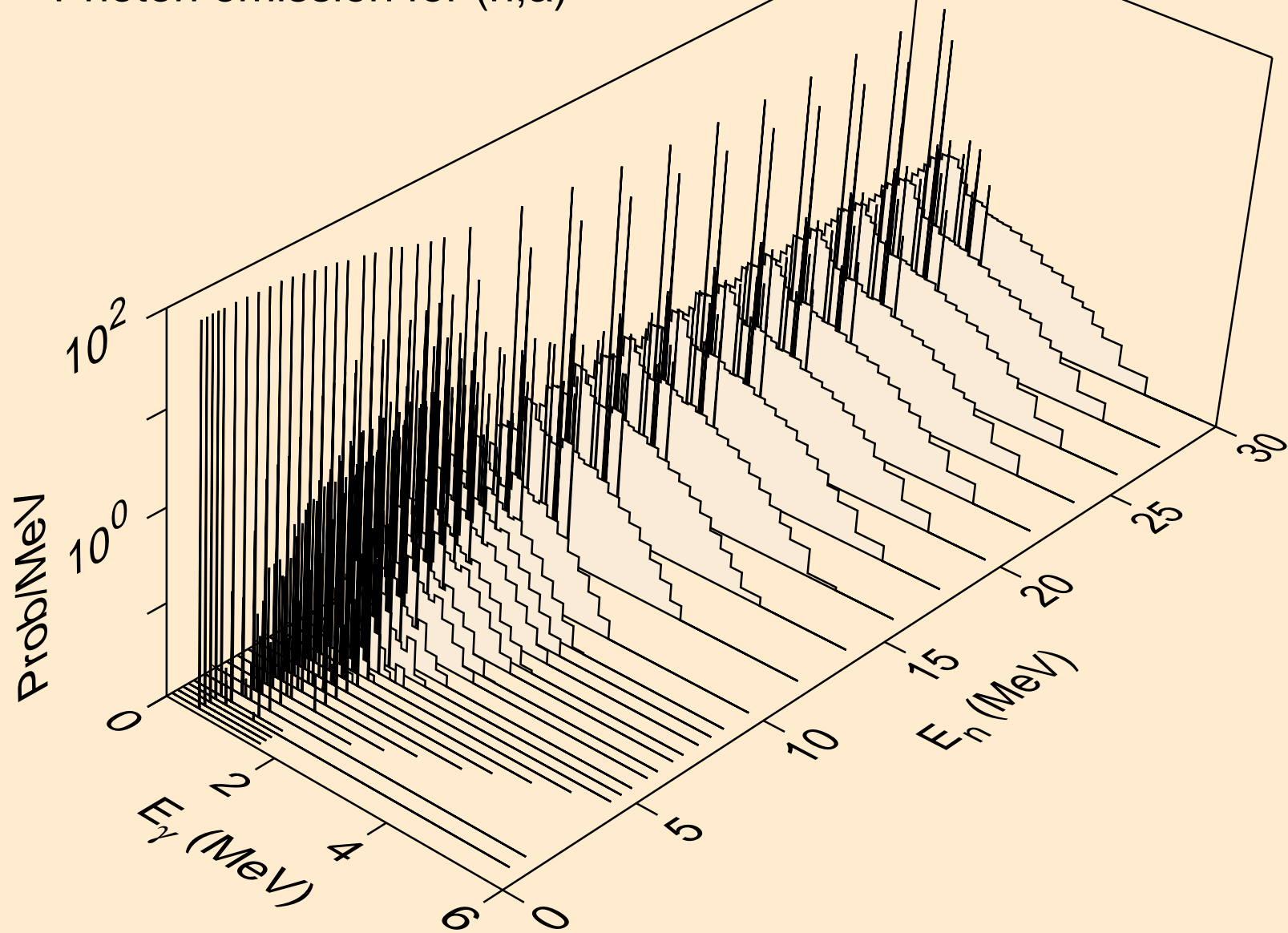
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,t)



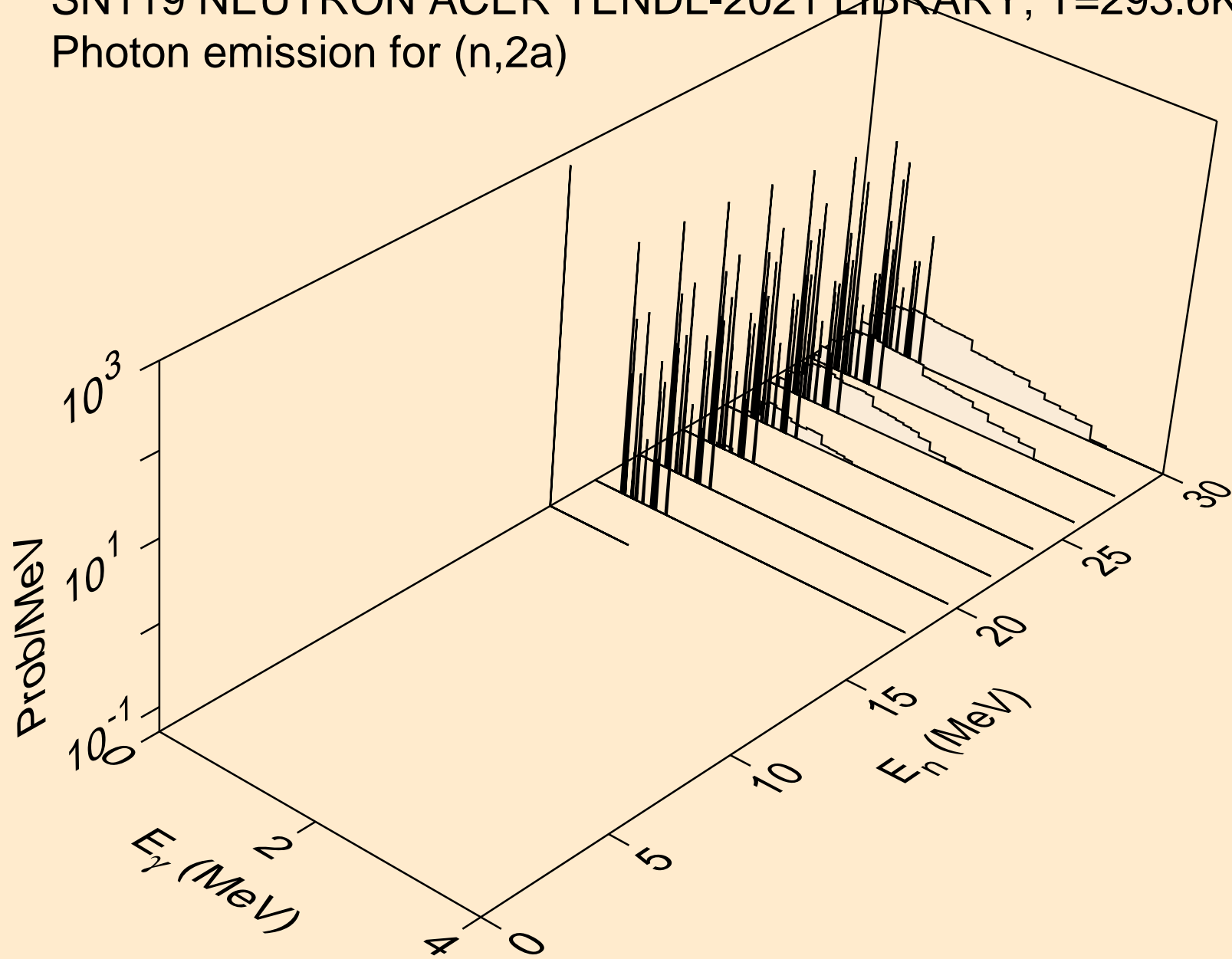
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,he3)



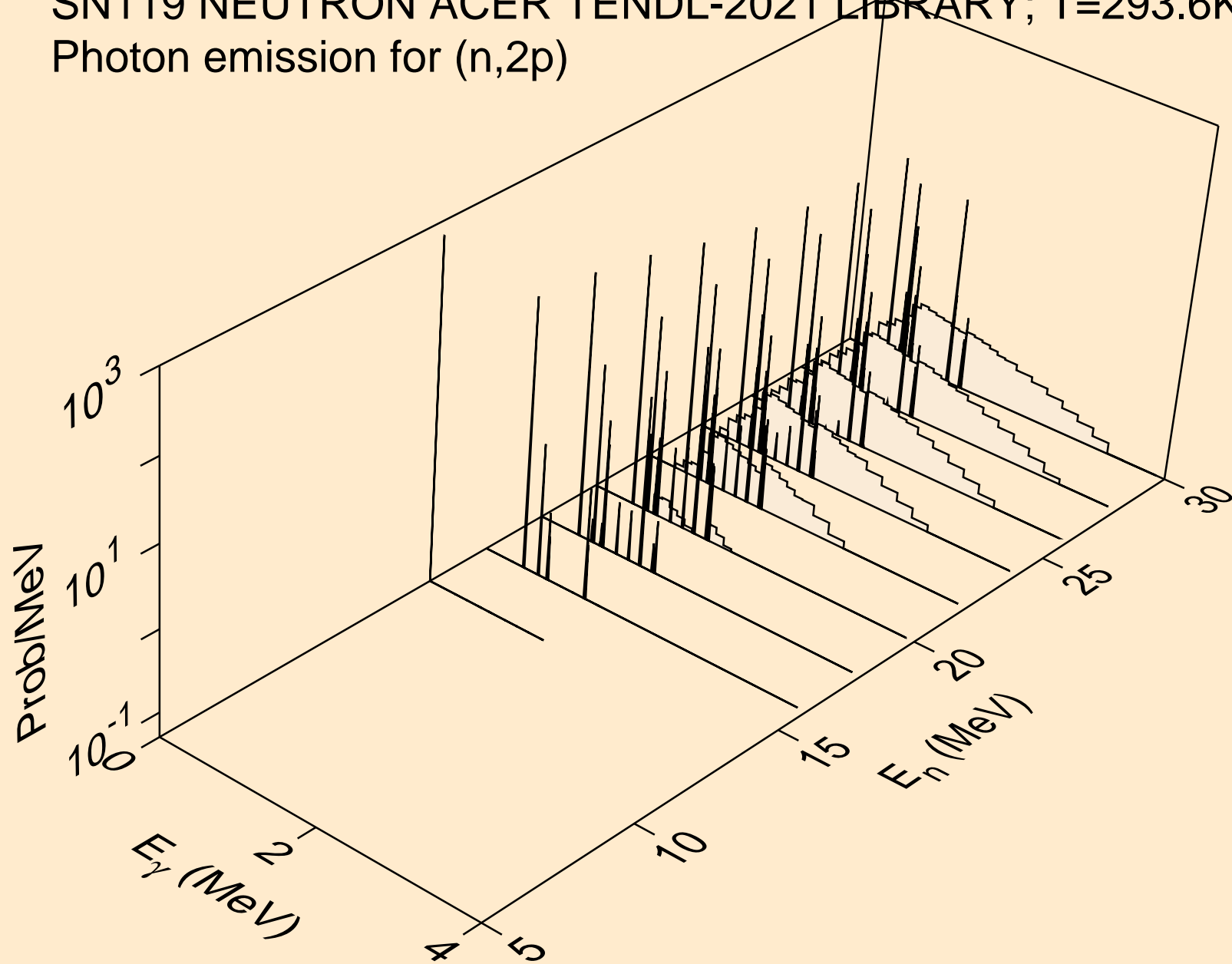
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,a)



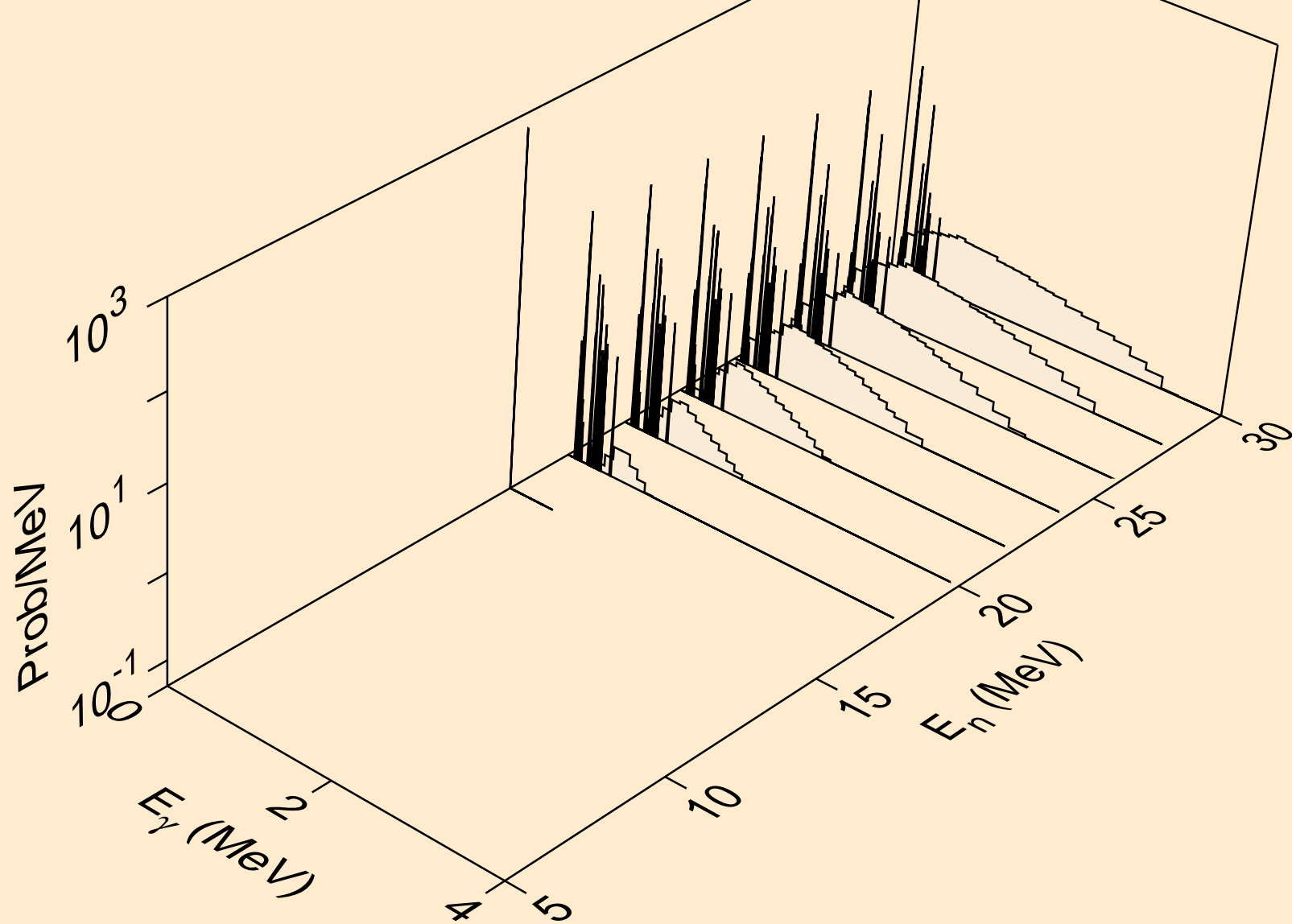
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2a)



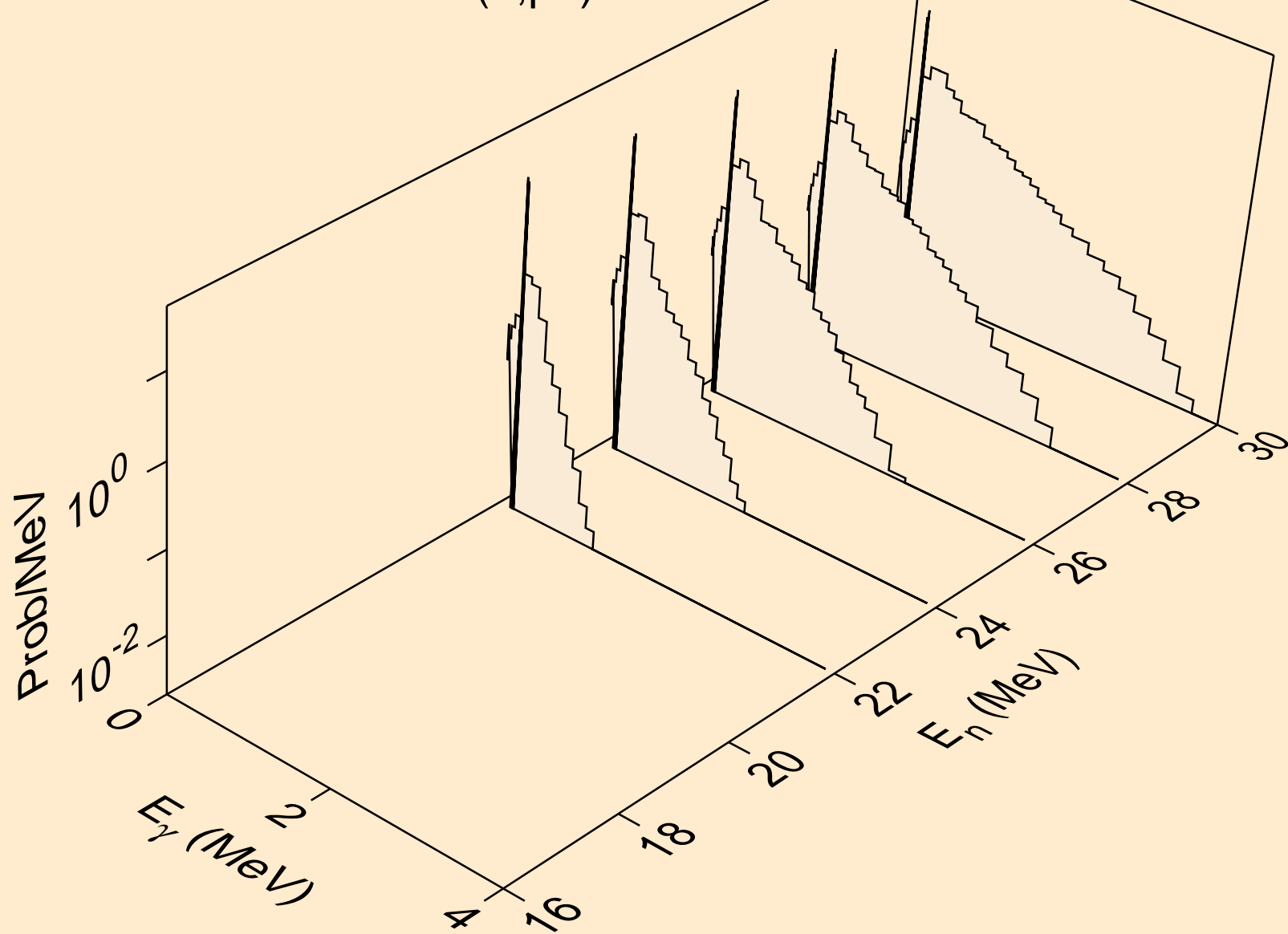
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,2p)



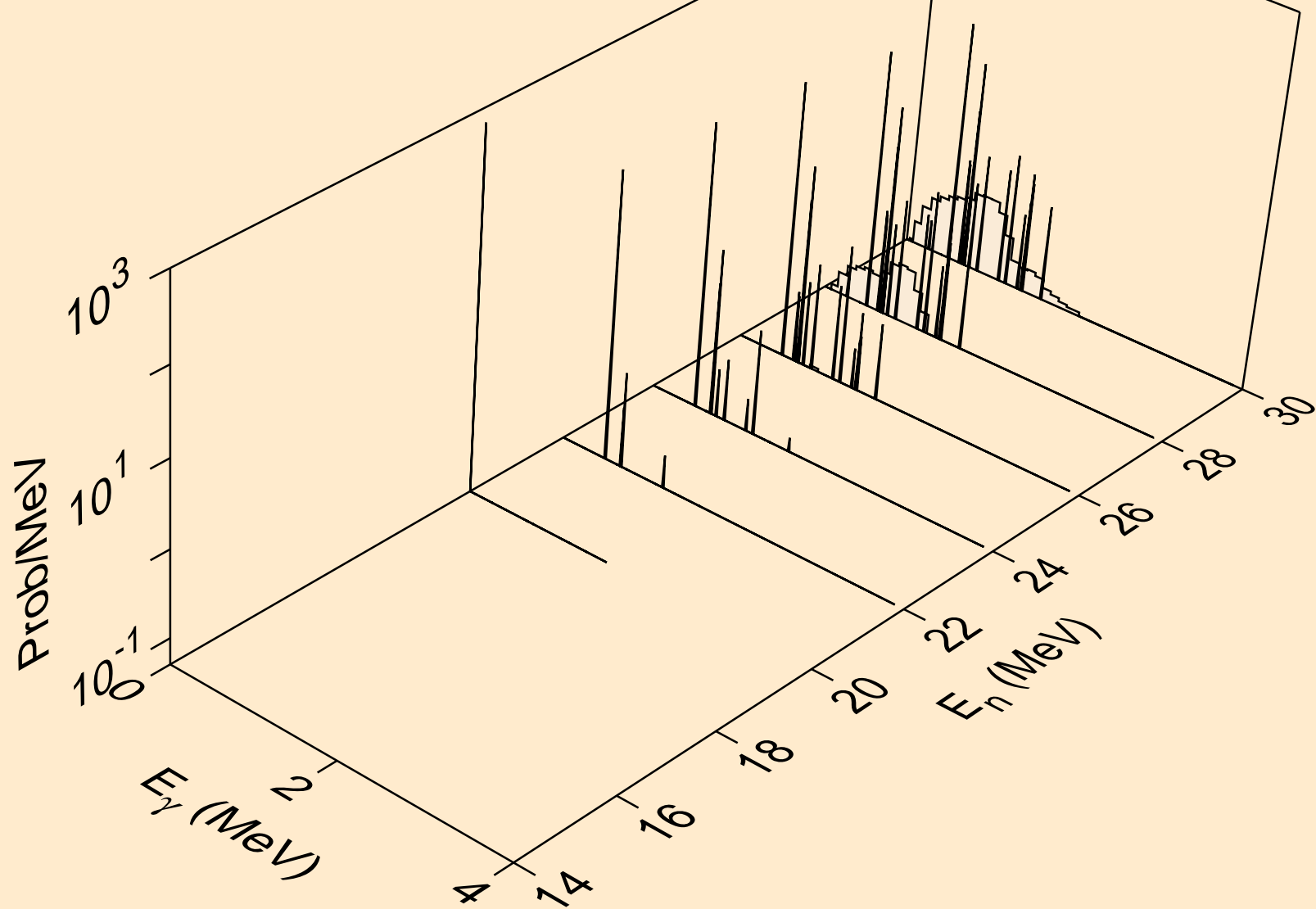
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,p)



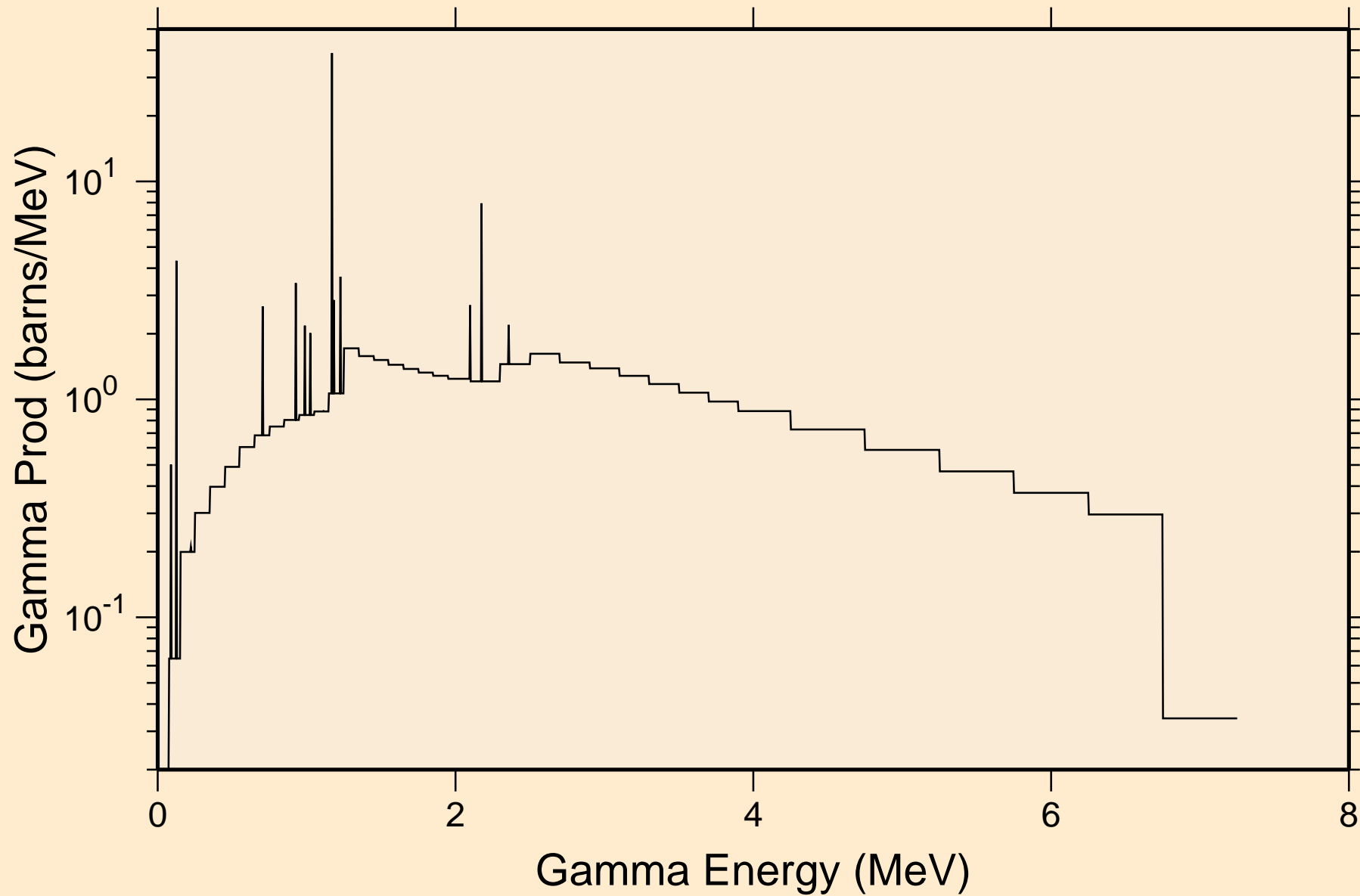
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pd)



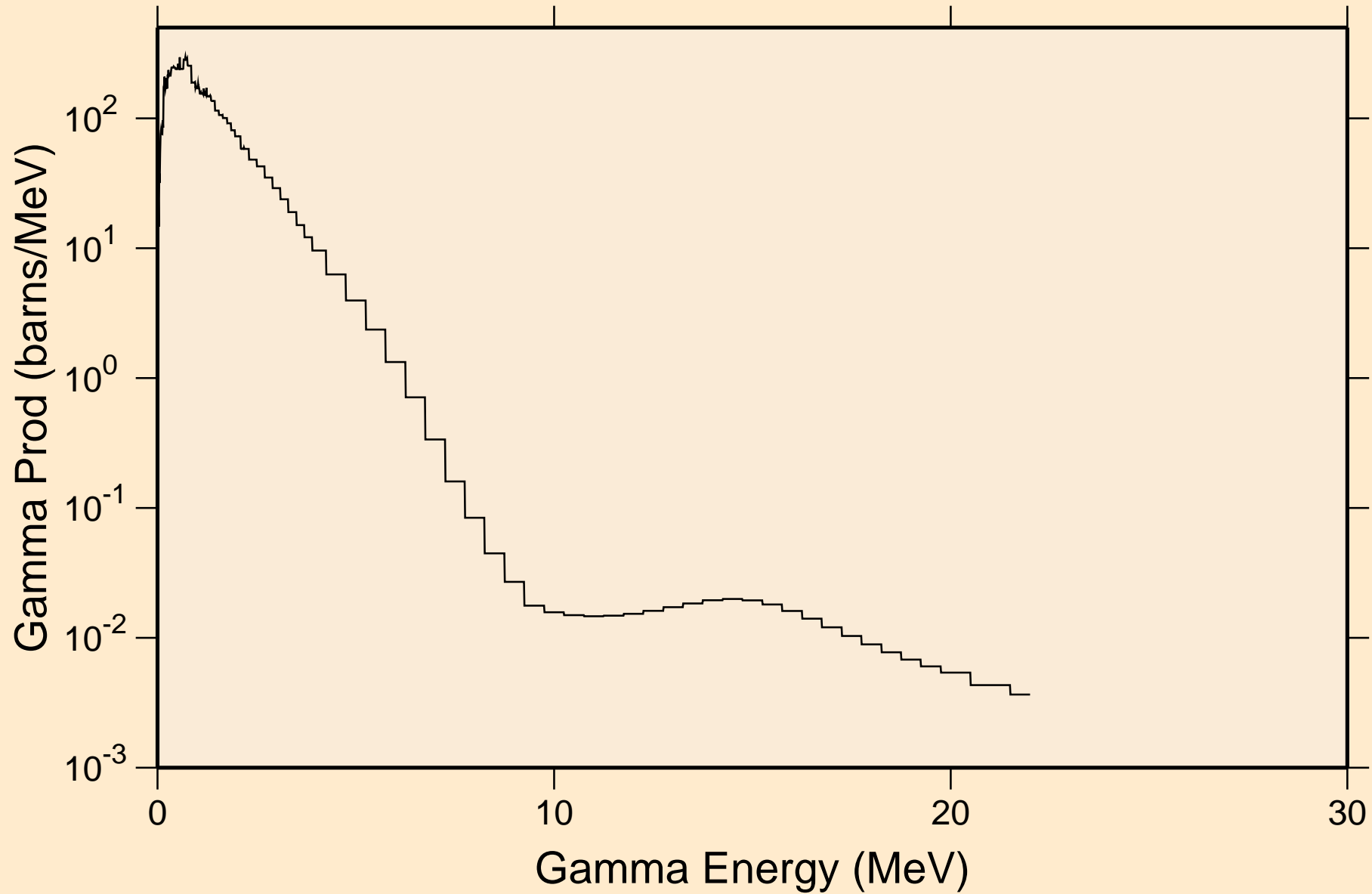
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
Photon emission for (n,pt)



SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
thermal capture photon spectrum

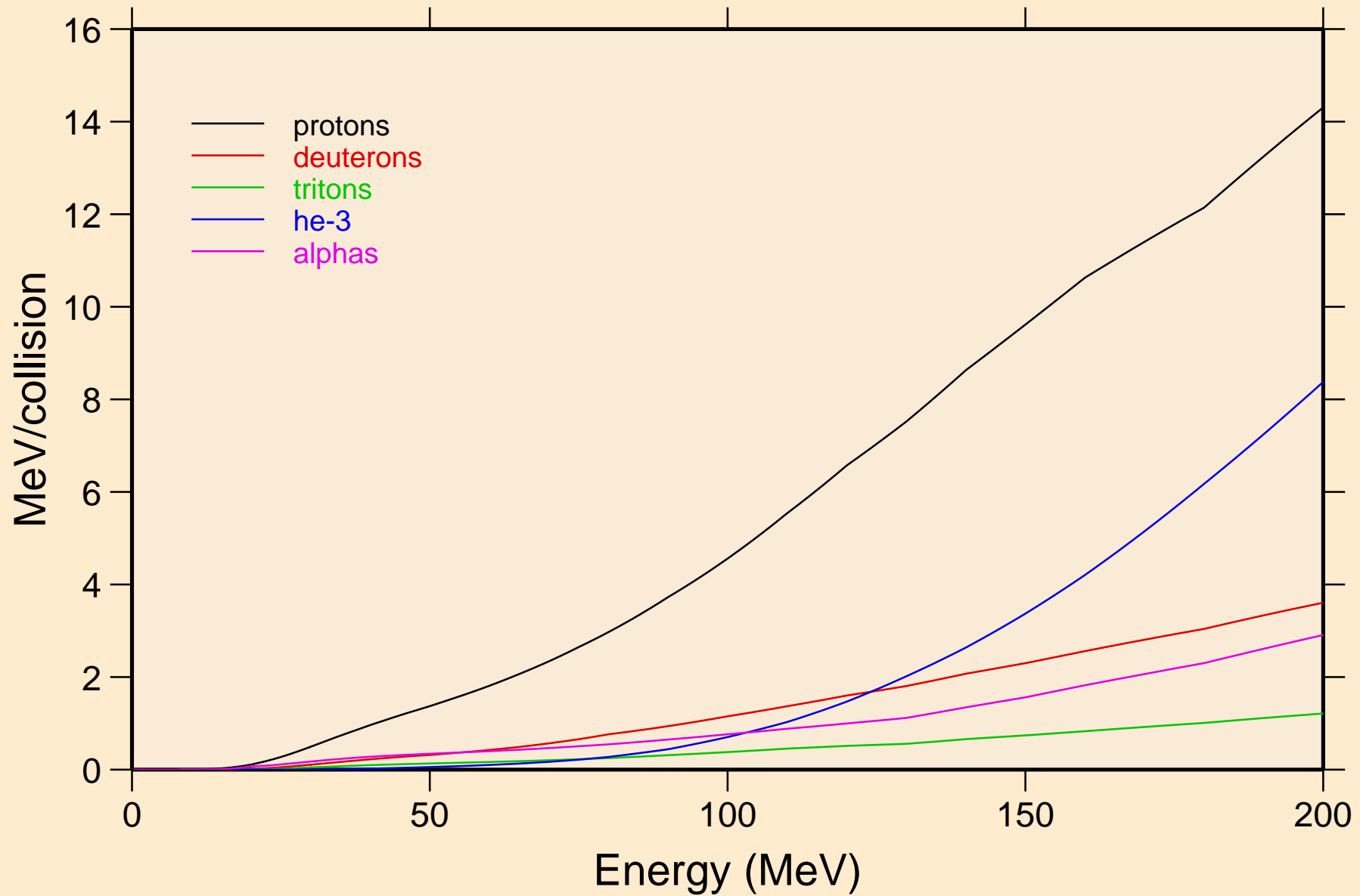


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14 MeV photon spectrum



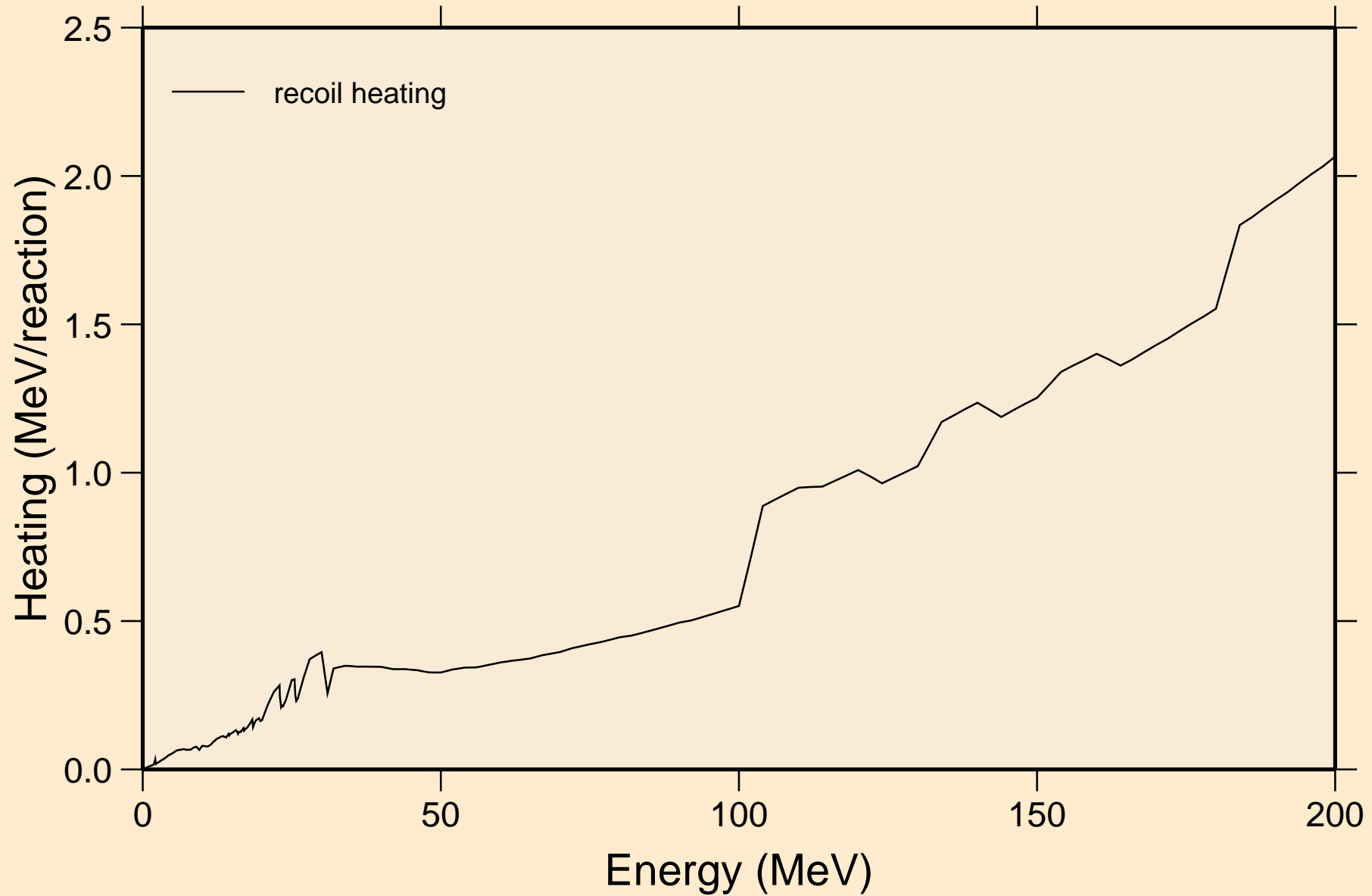
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Particle heating contributions



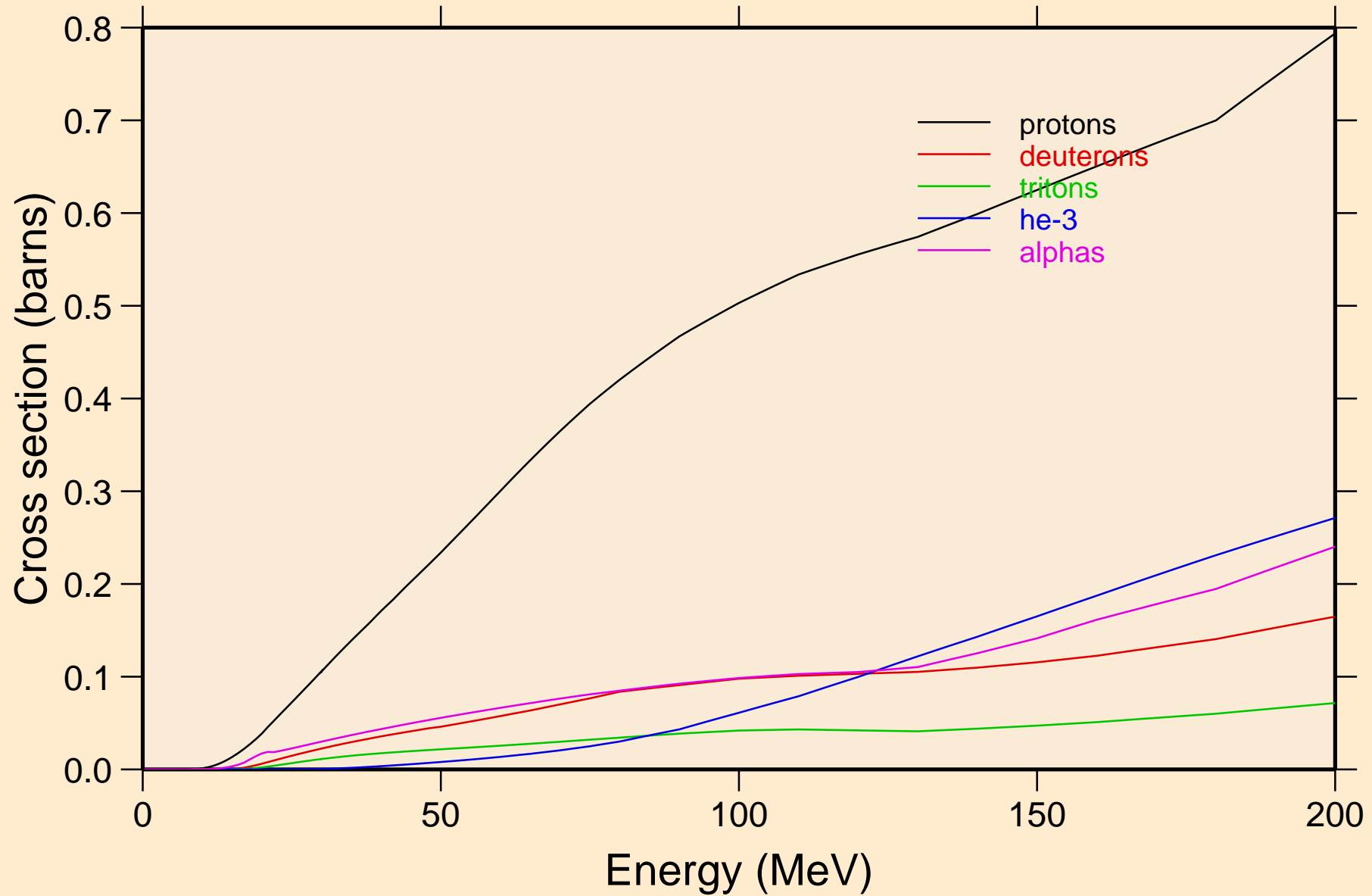
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

Recoil Heating

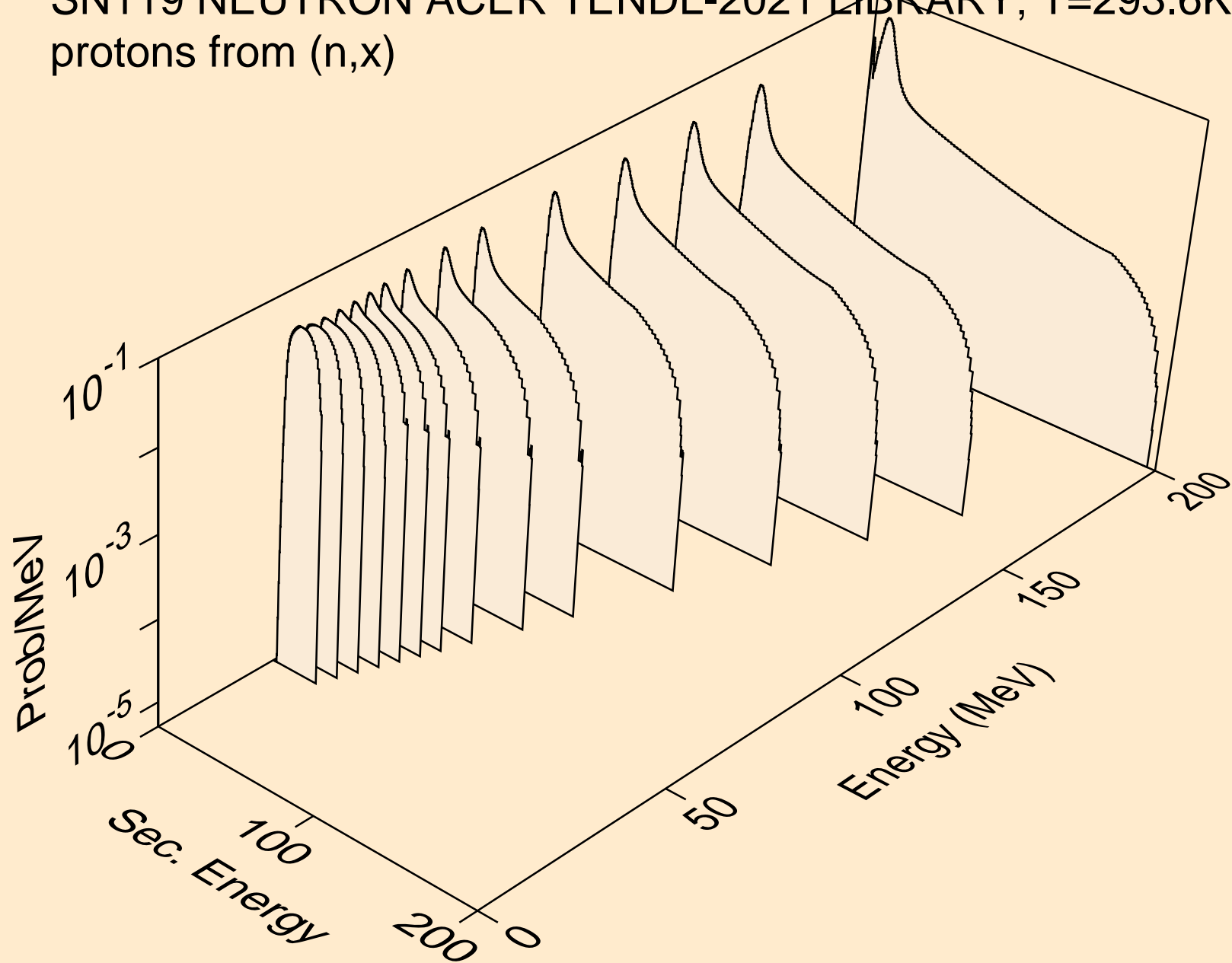


SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K

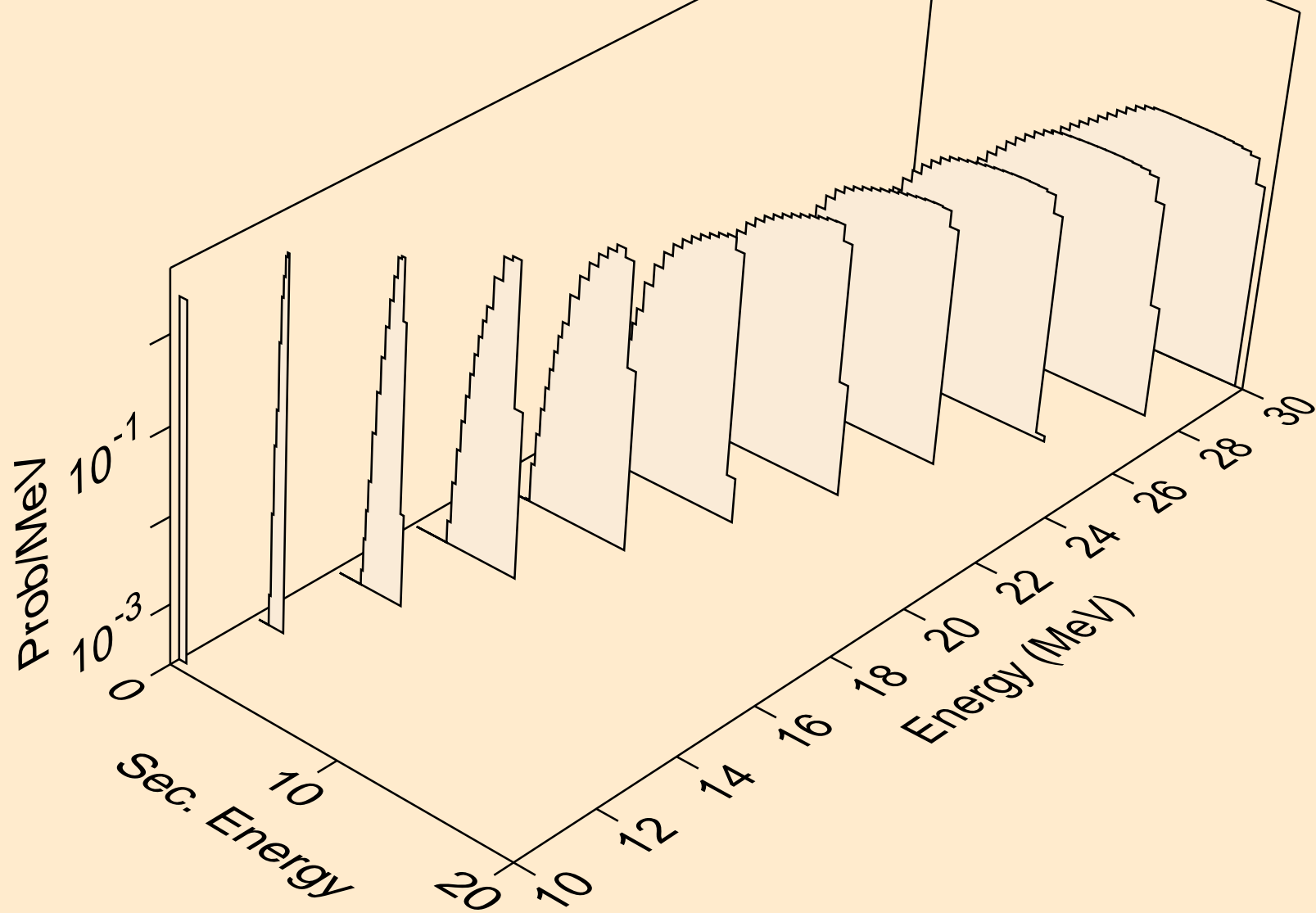
Particle production cross sections



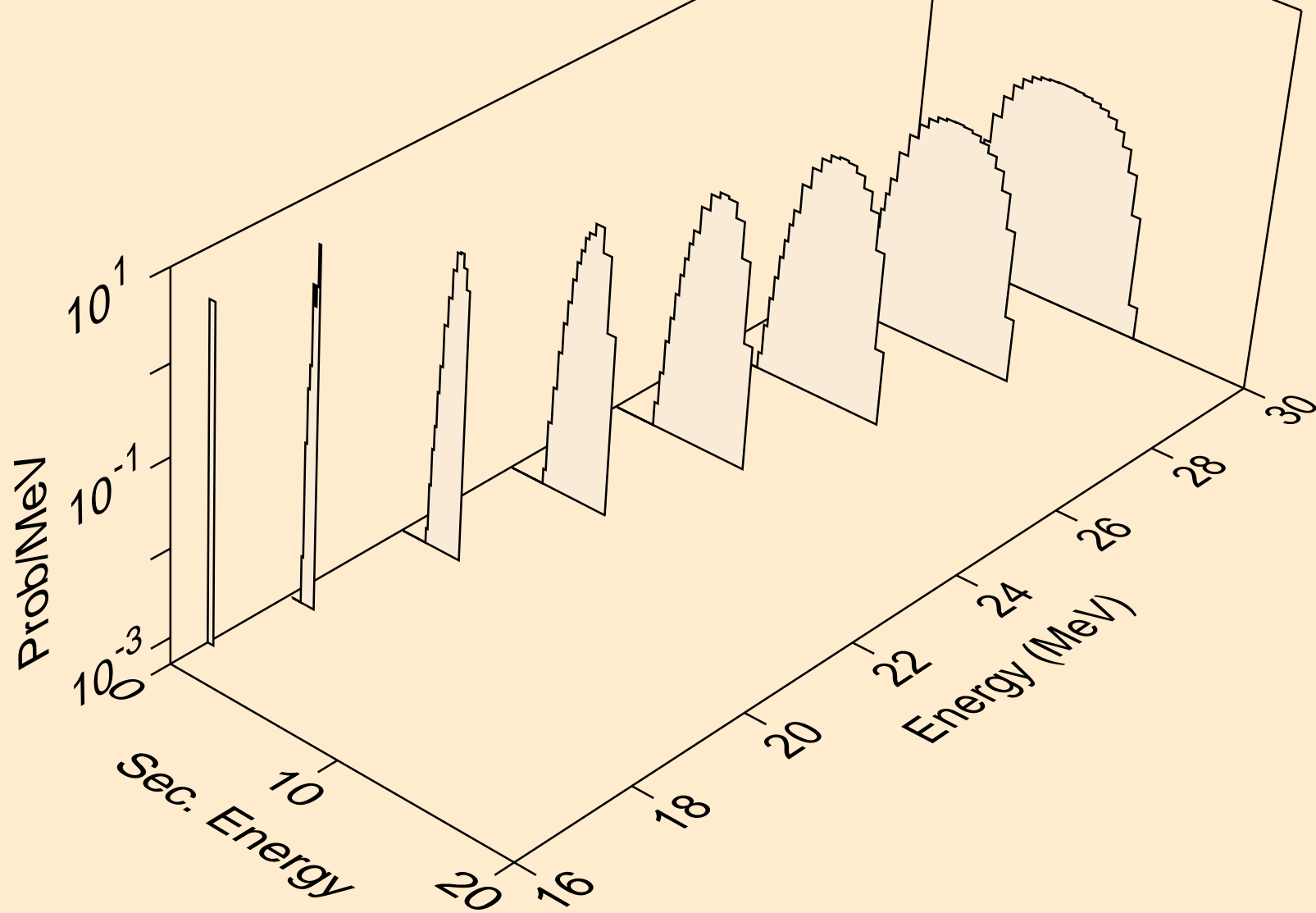
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,x)



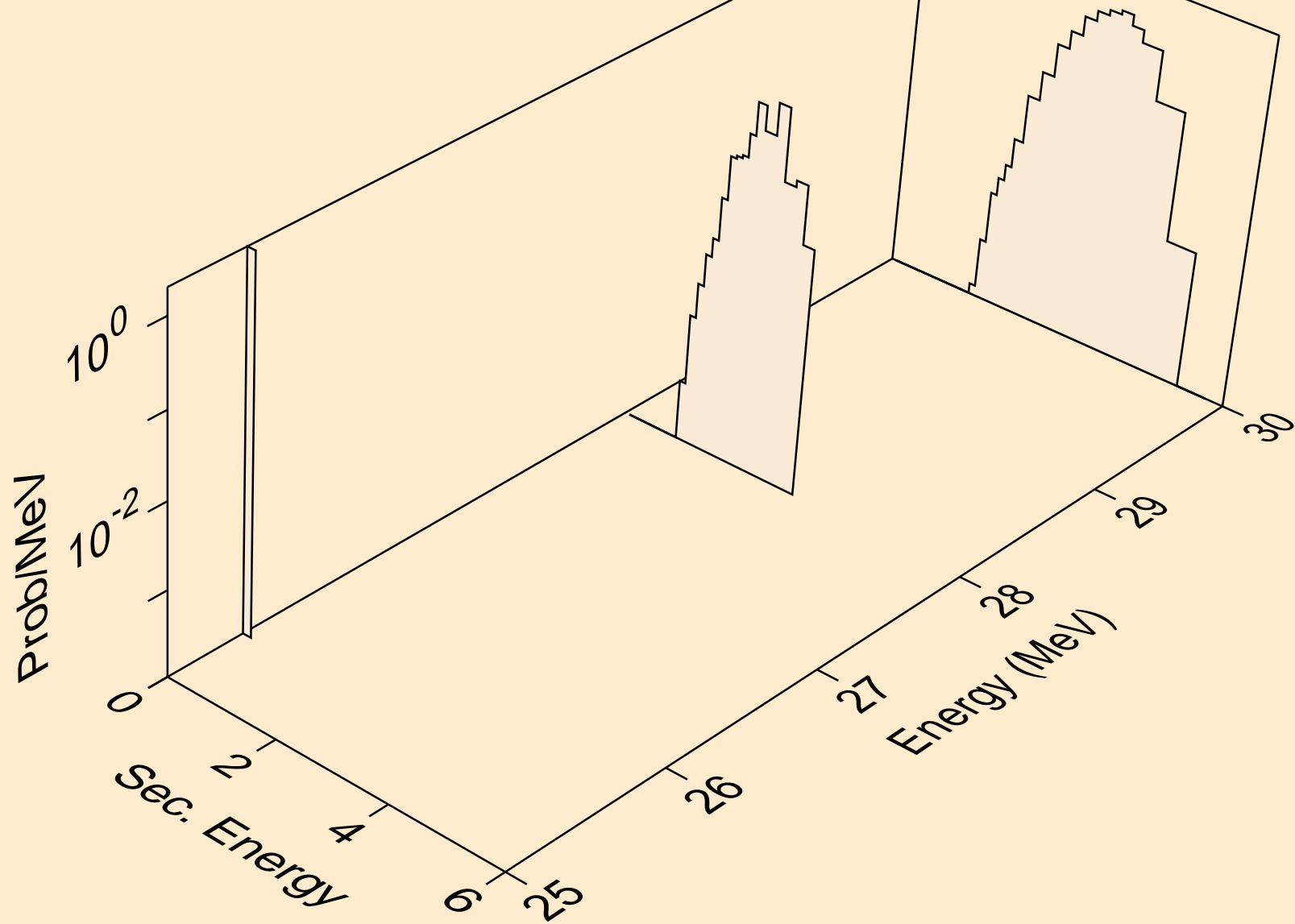
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,n*)p



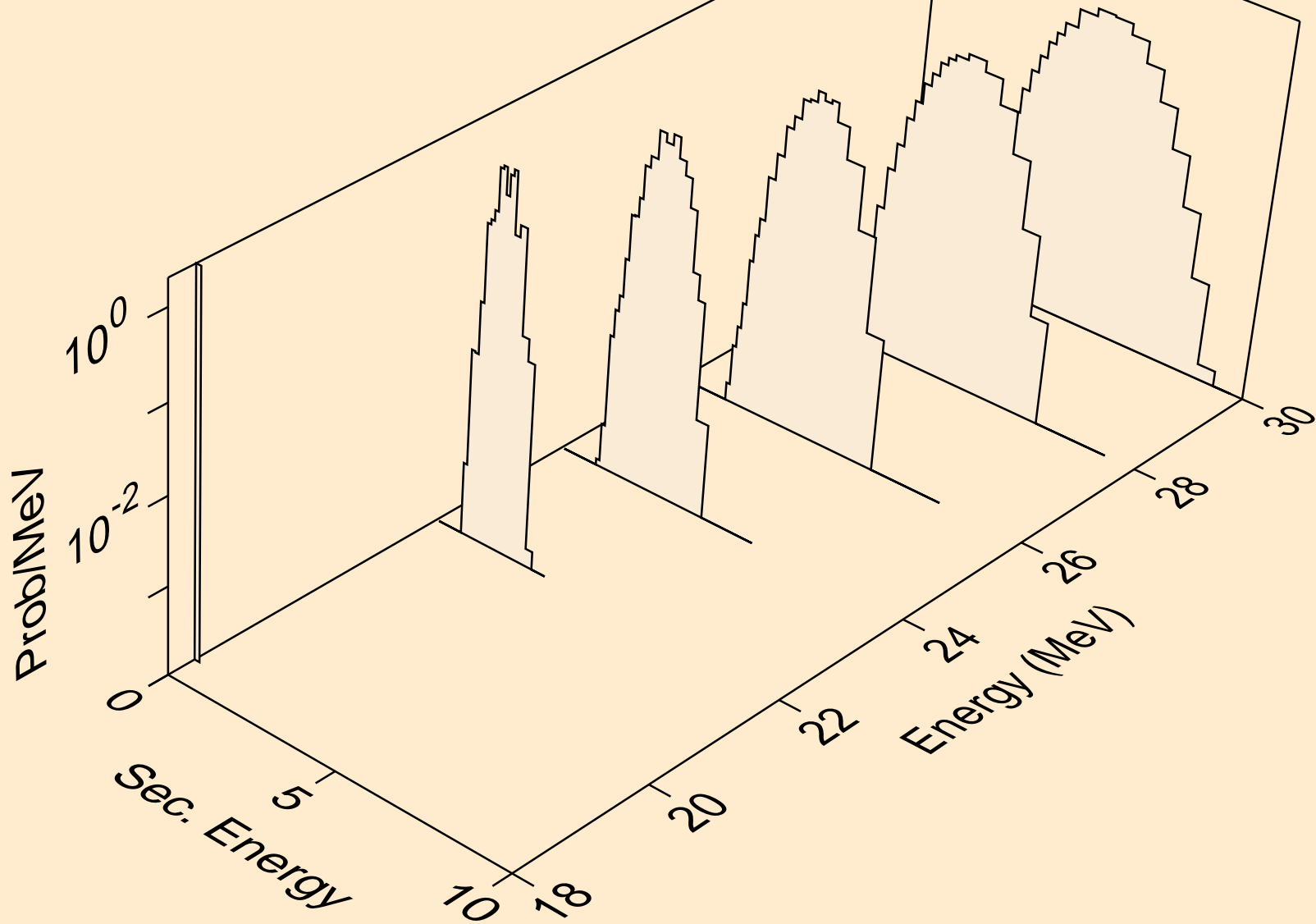
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protons from (n,2np)



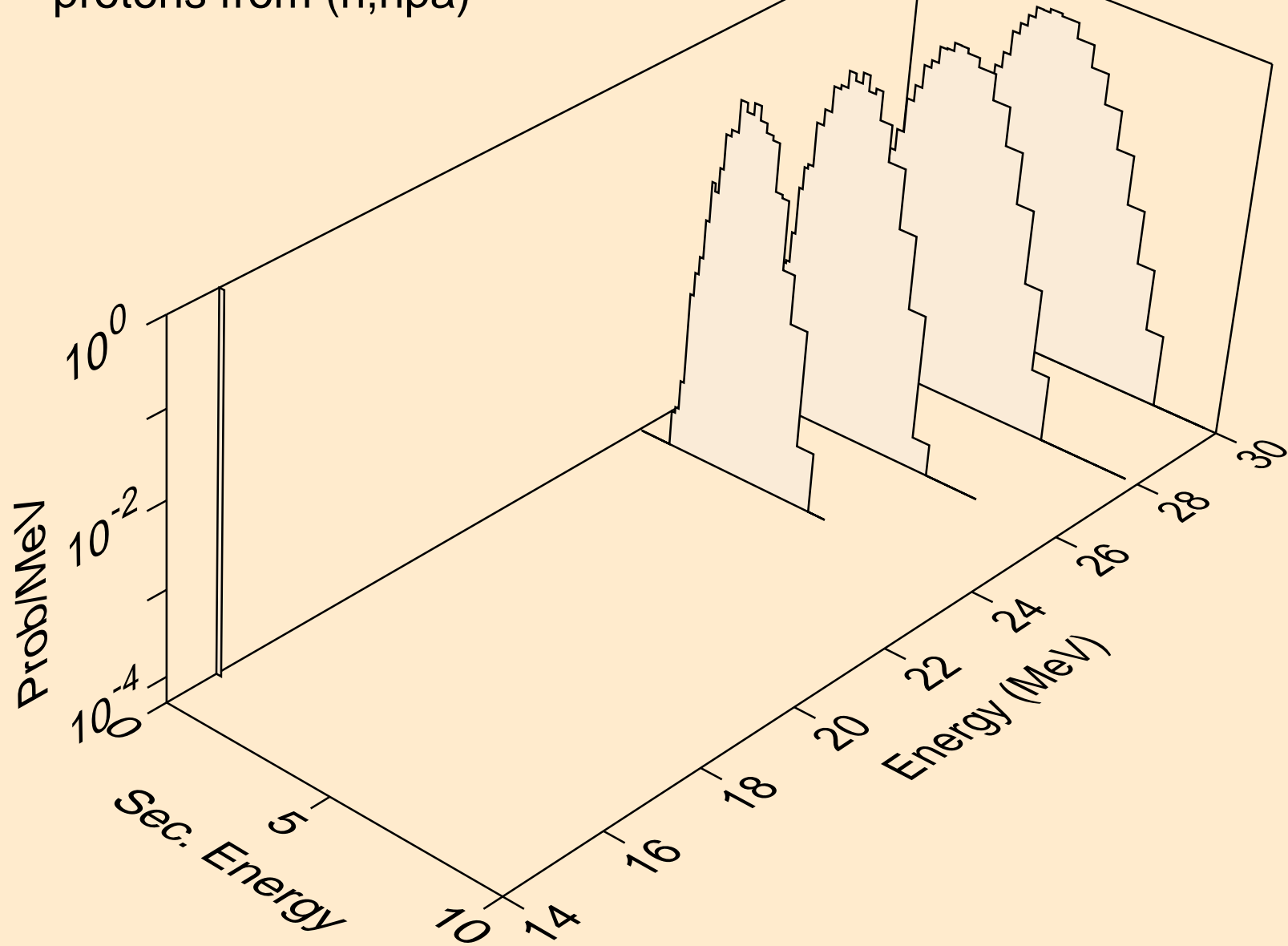
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,3np)



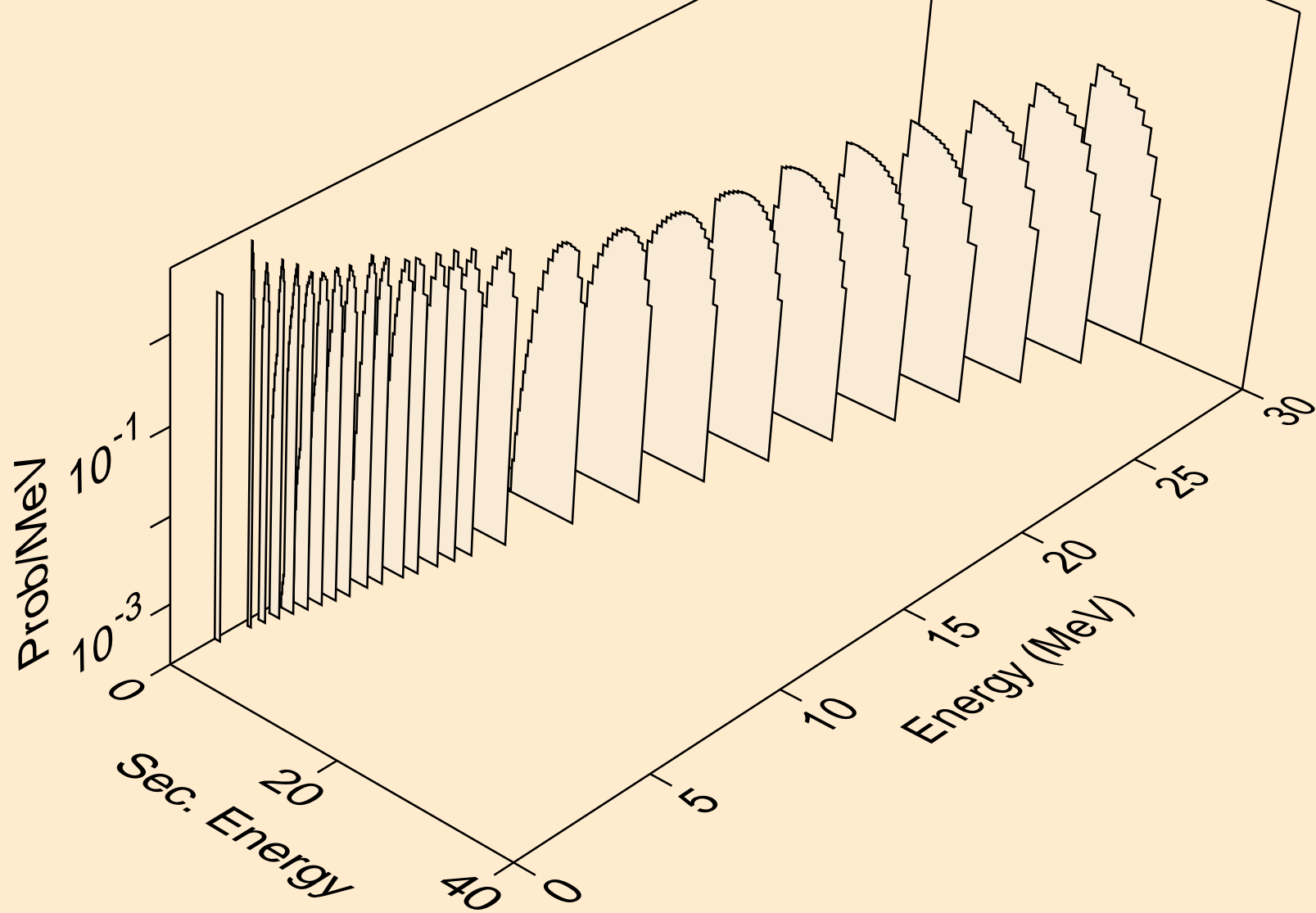
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,2np)



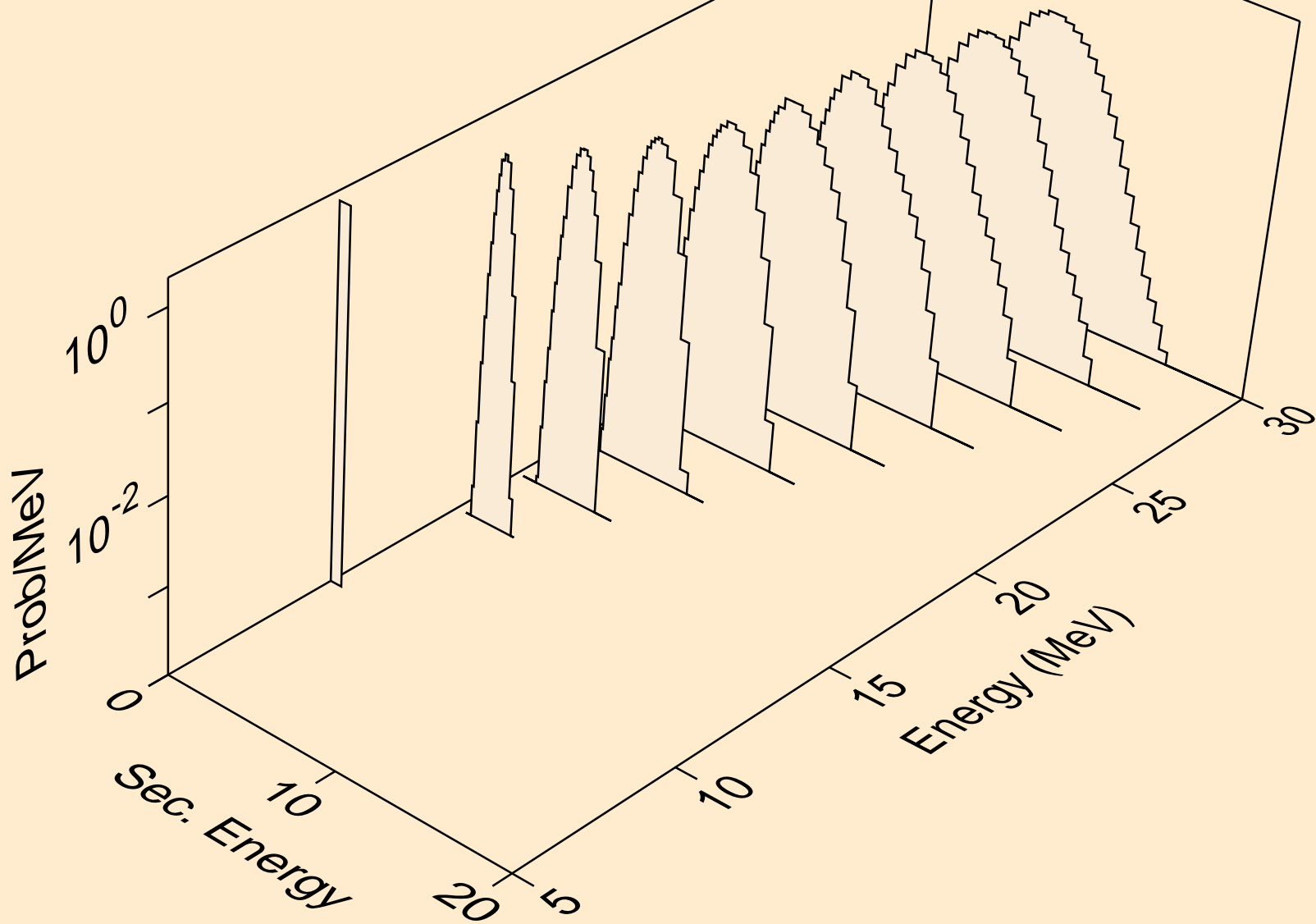
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,npa)



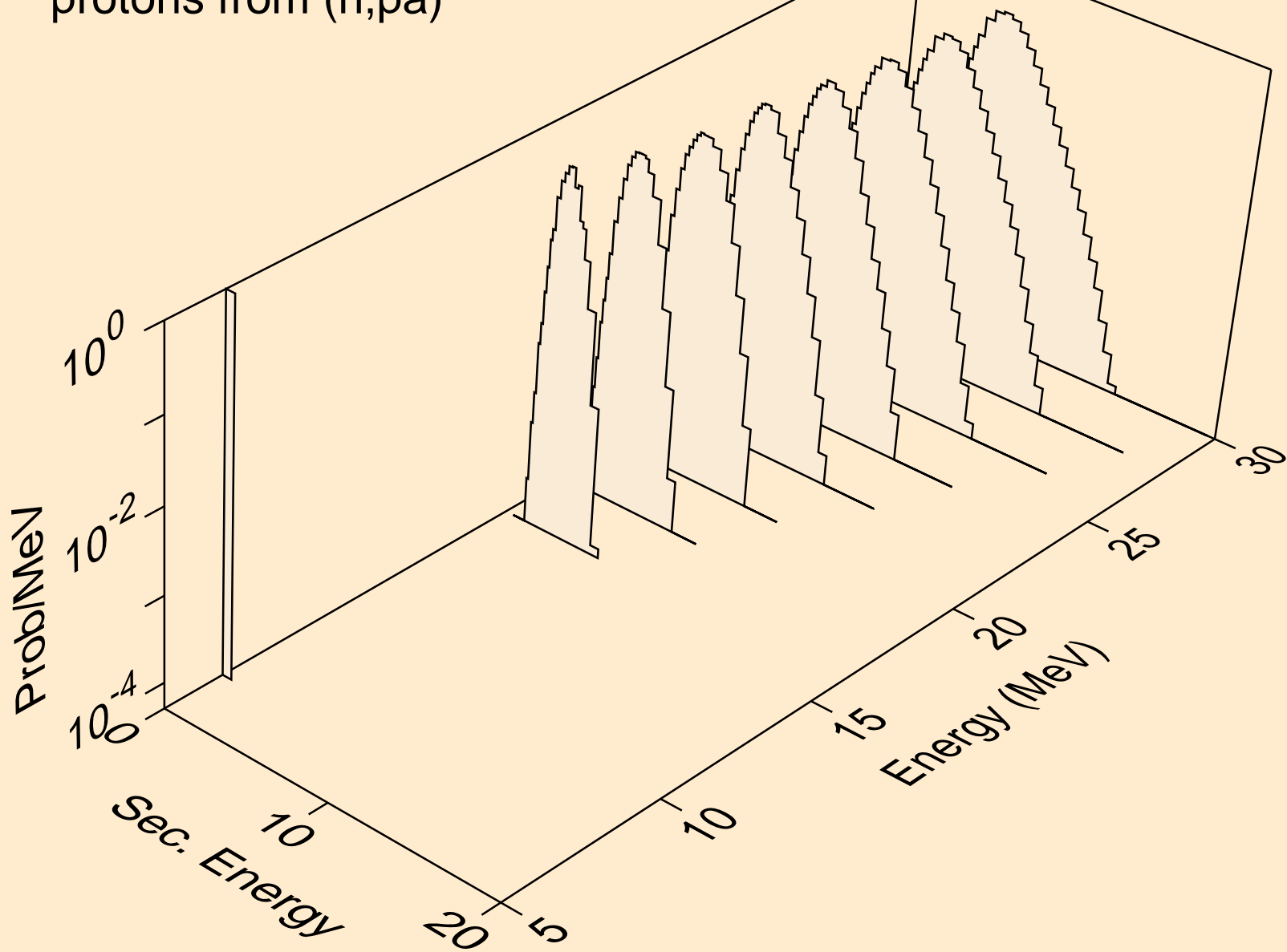
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,p)



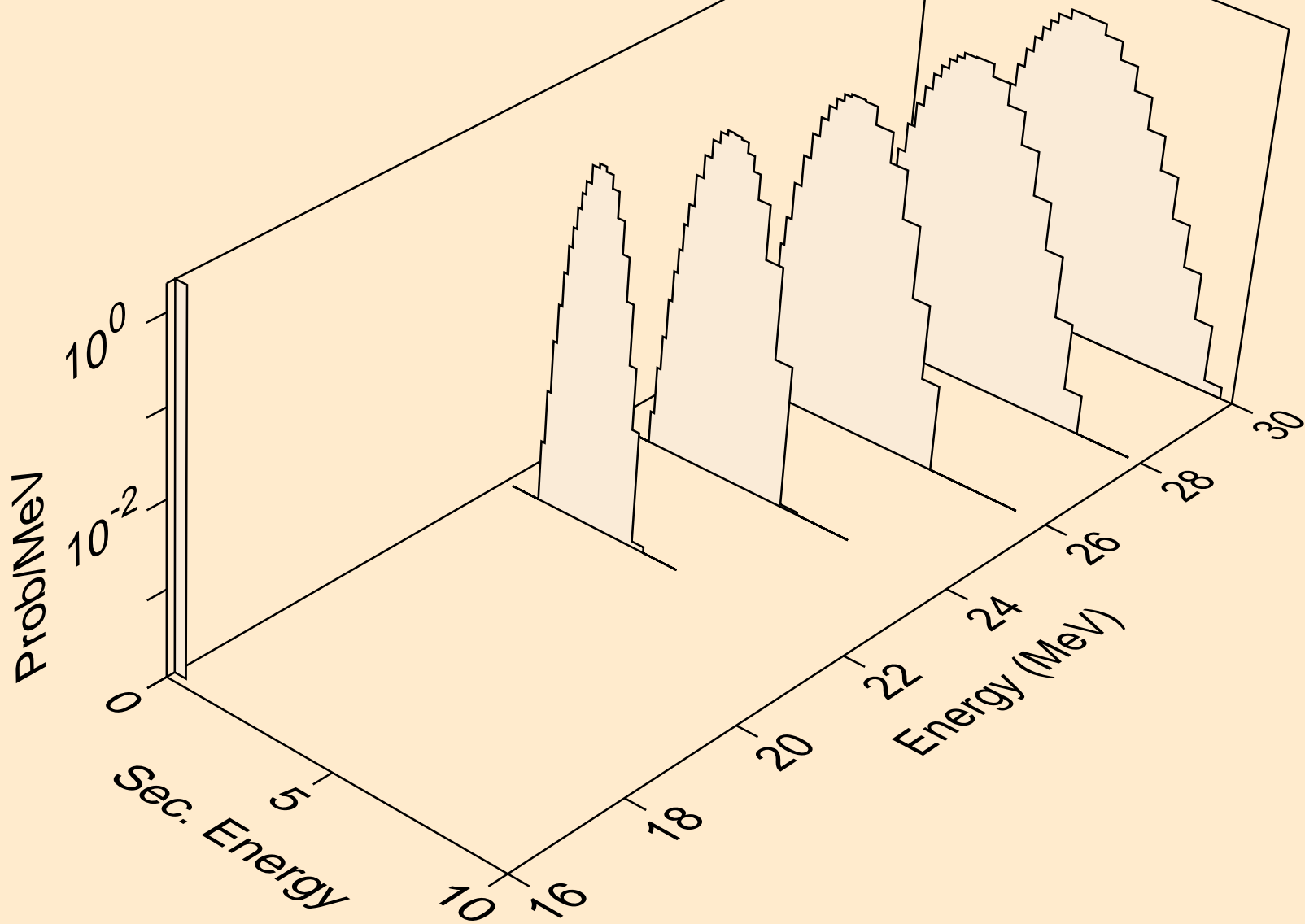
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protons from (n,2p)



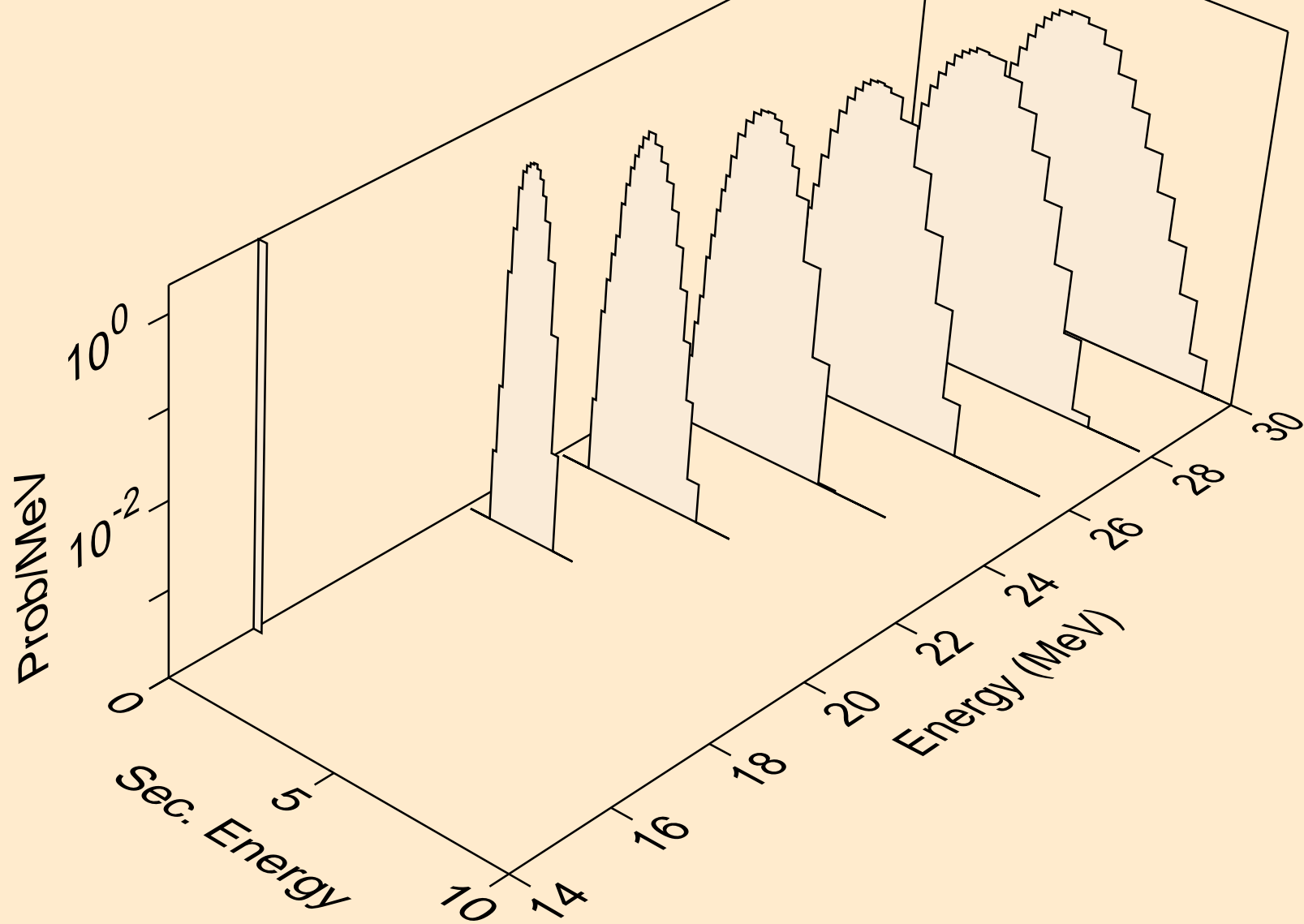
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,pa)



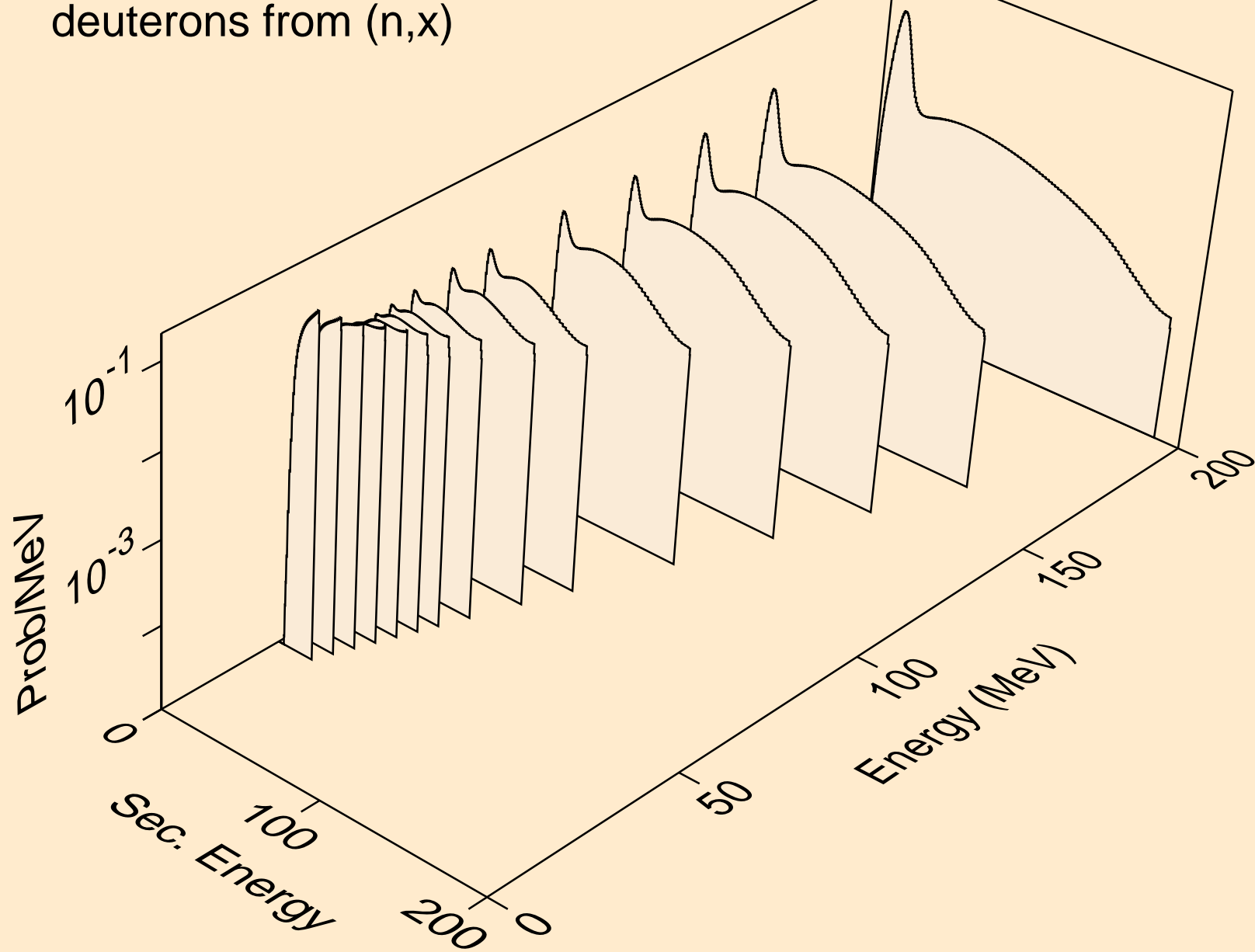
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protons from (n,pd)



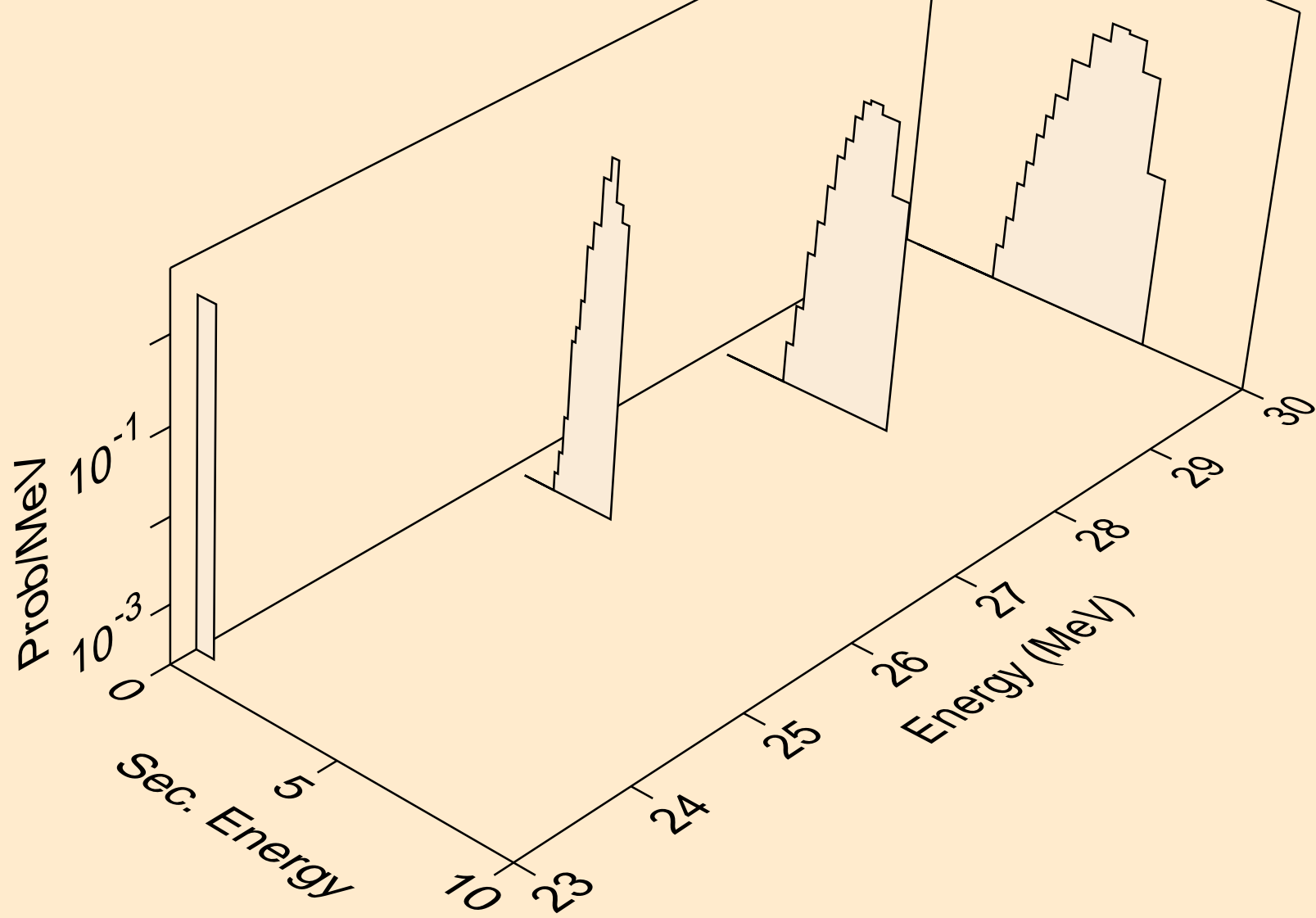
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
protons from (n,pt)



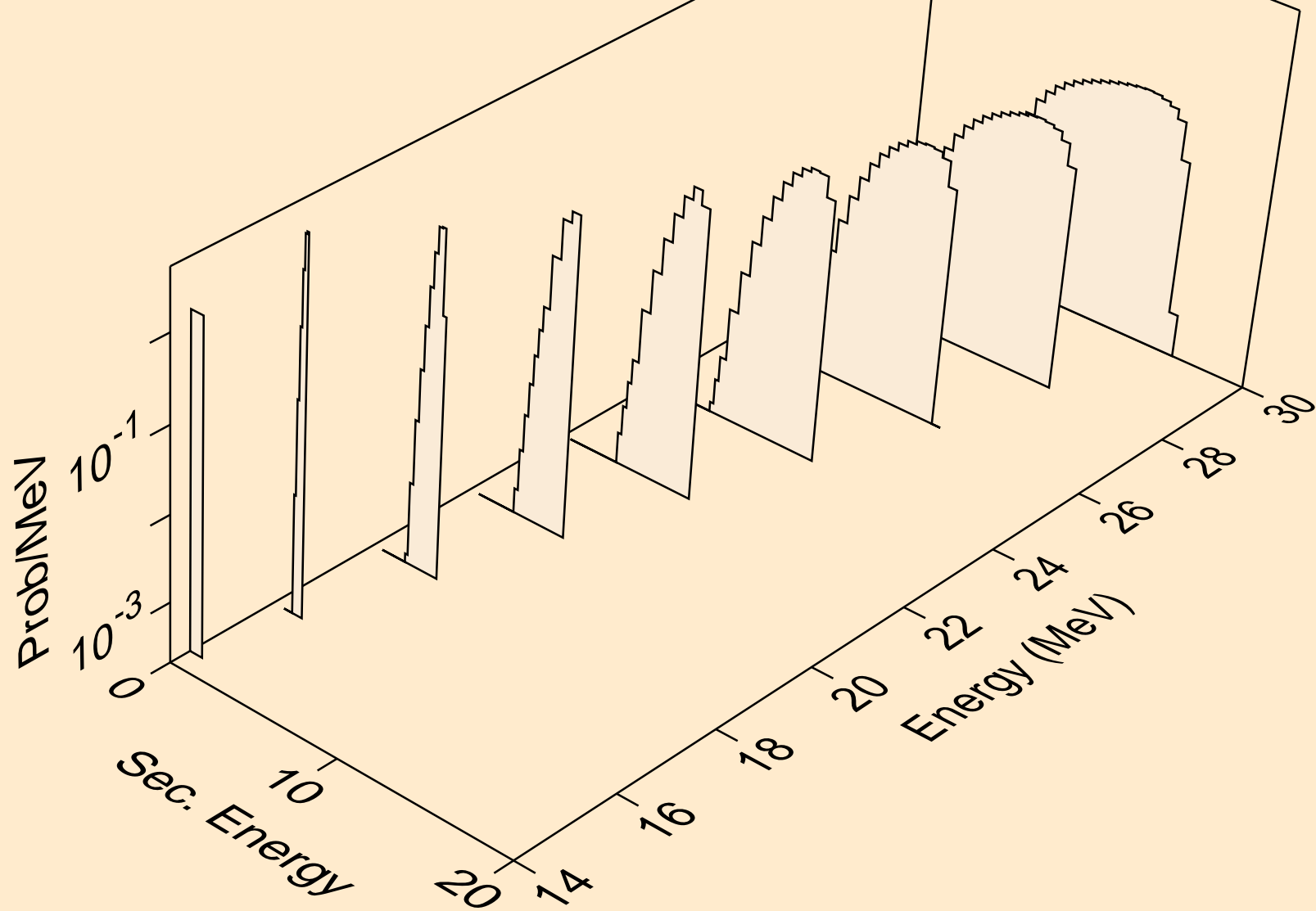
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,x)



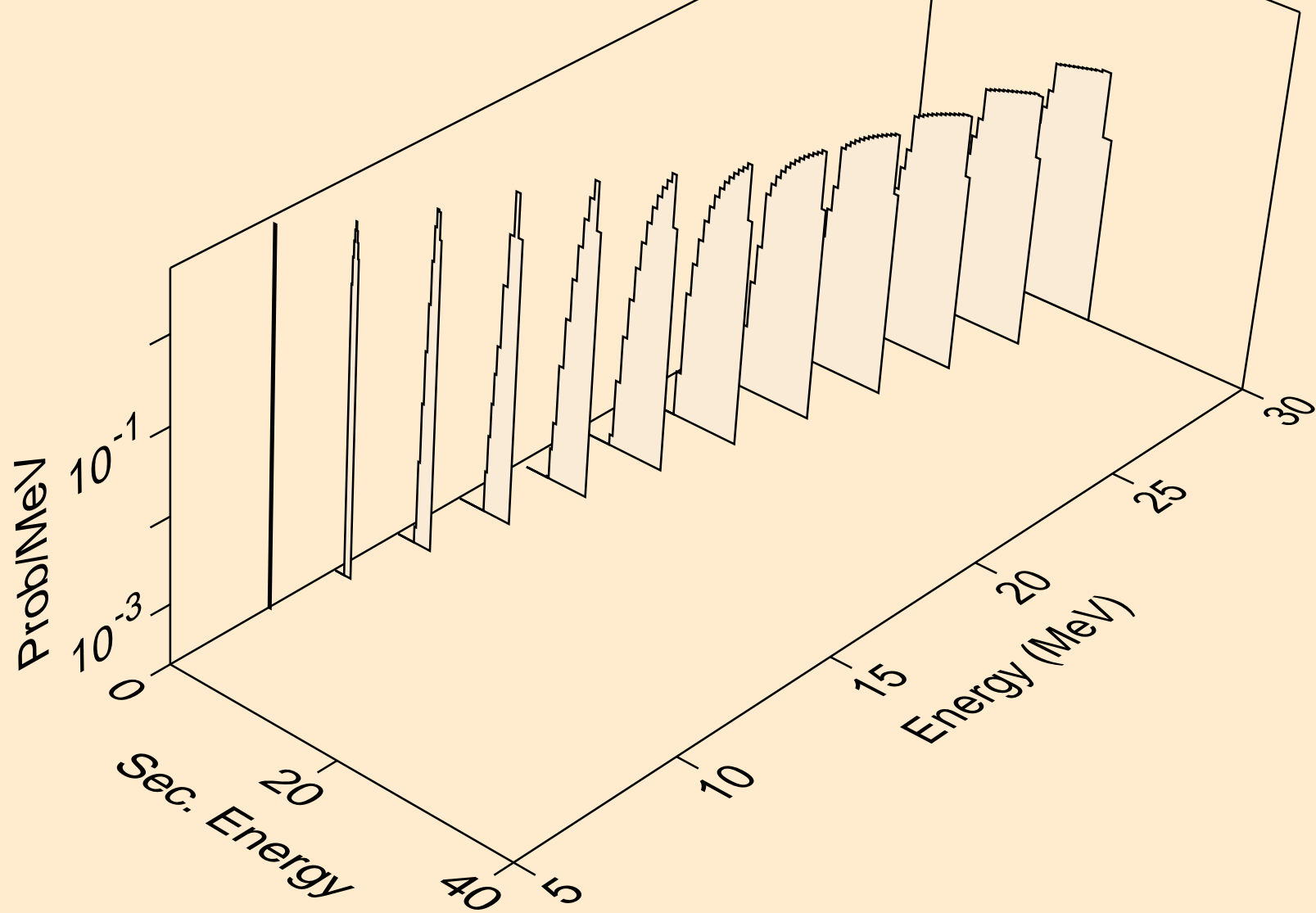
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deuterons from (n,2nd)



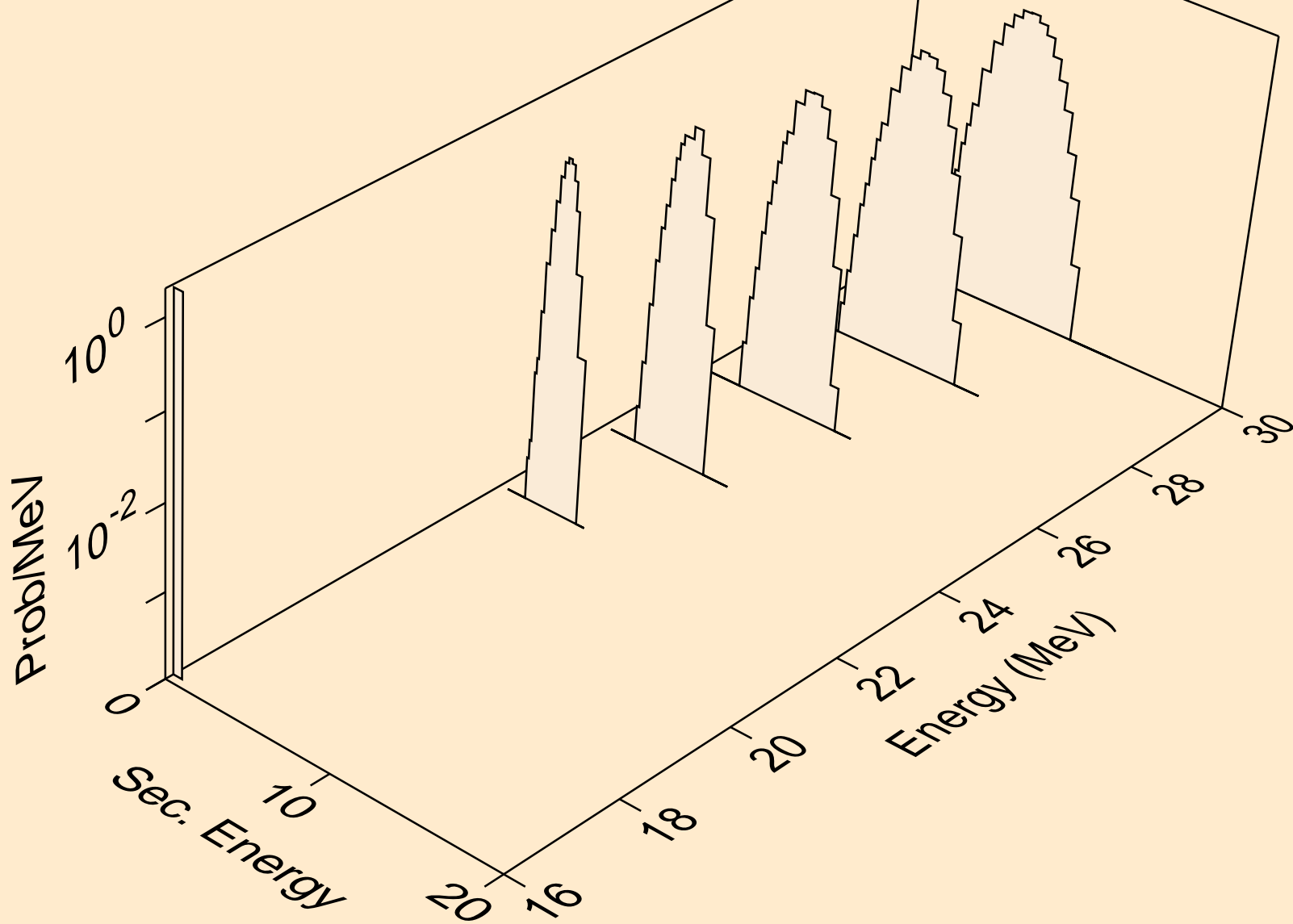
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
deuterons from (n,n*)d



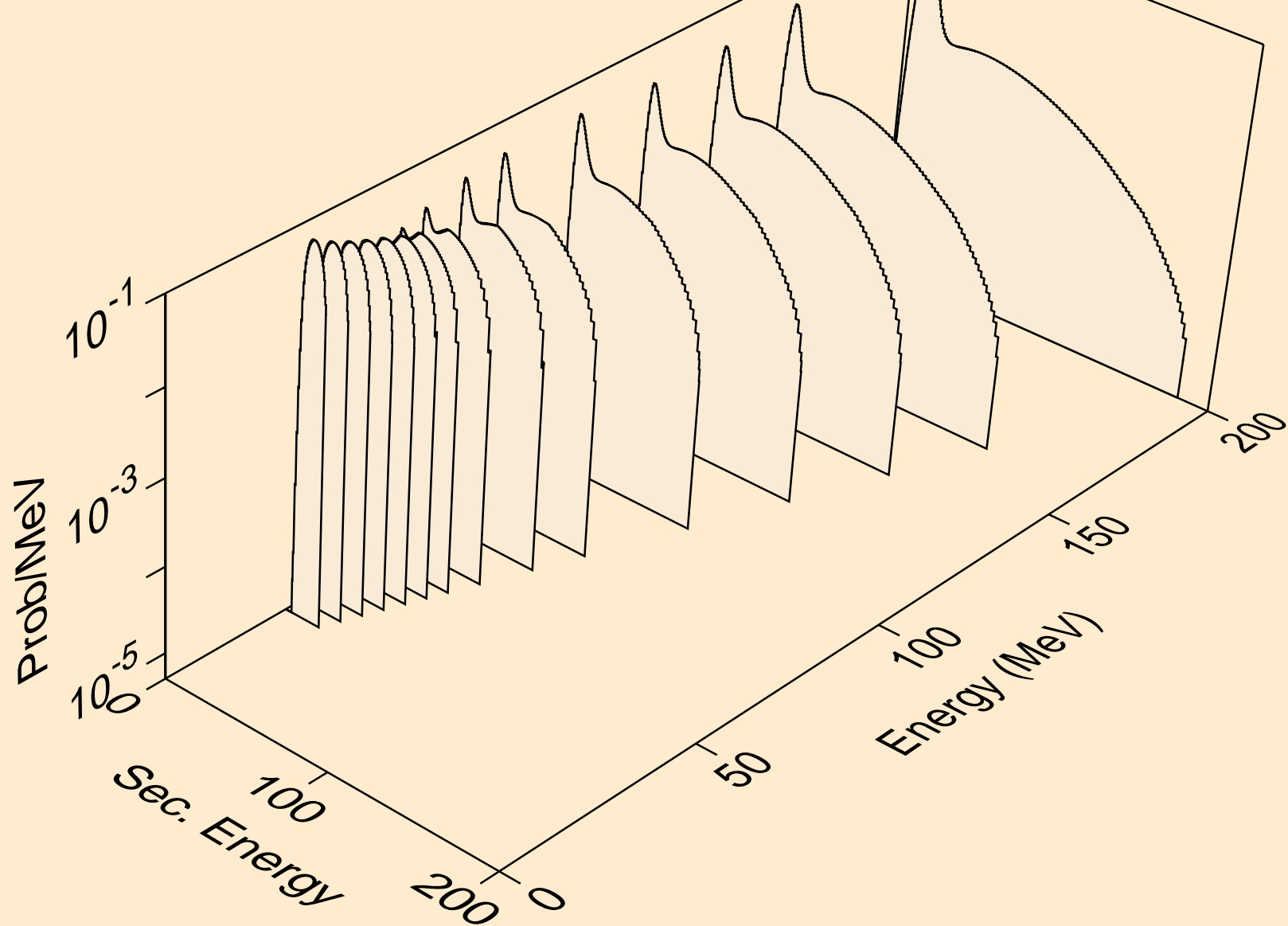
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deuterons from (n,d)



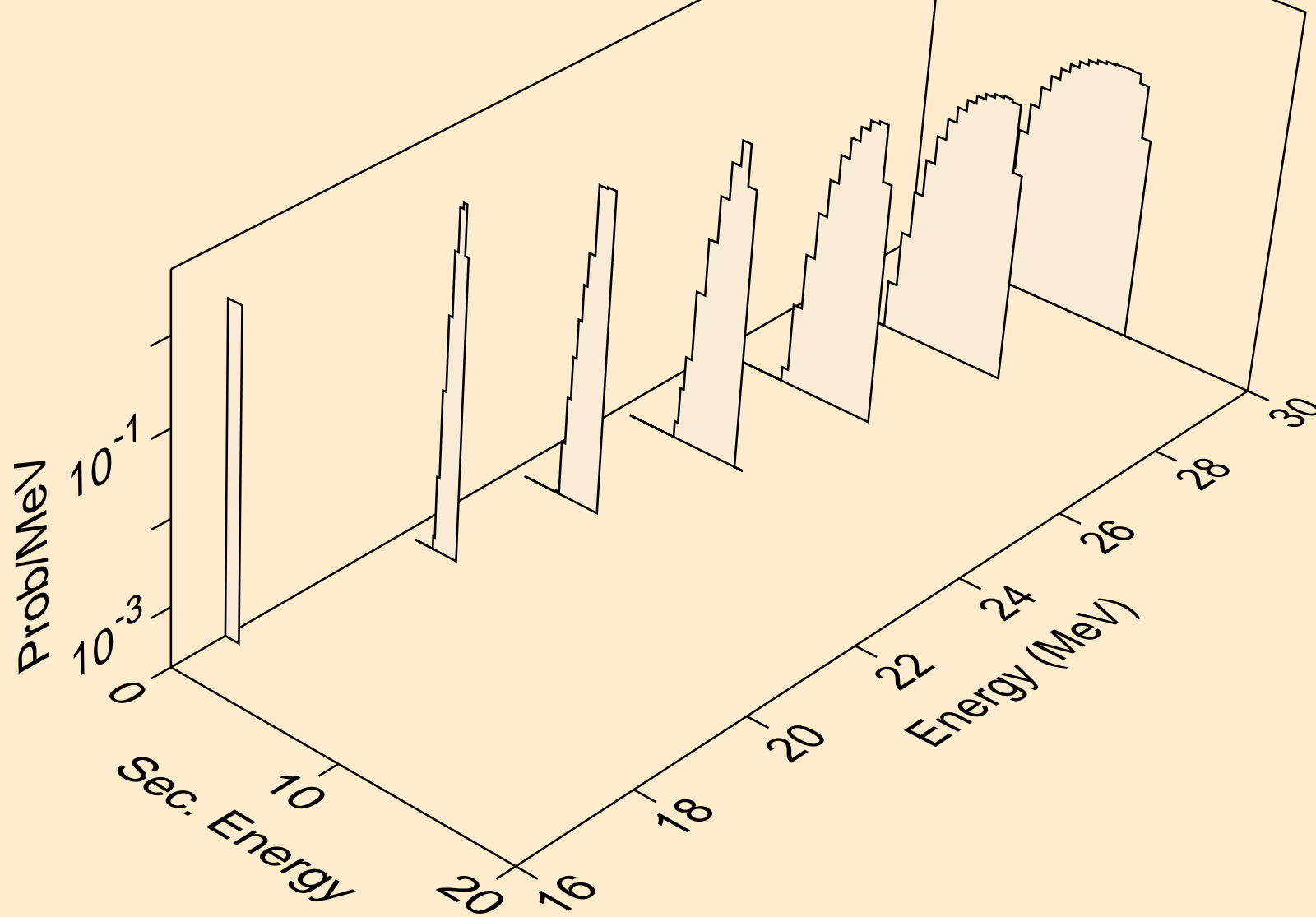
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deuterons from (n,pd)



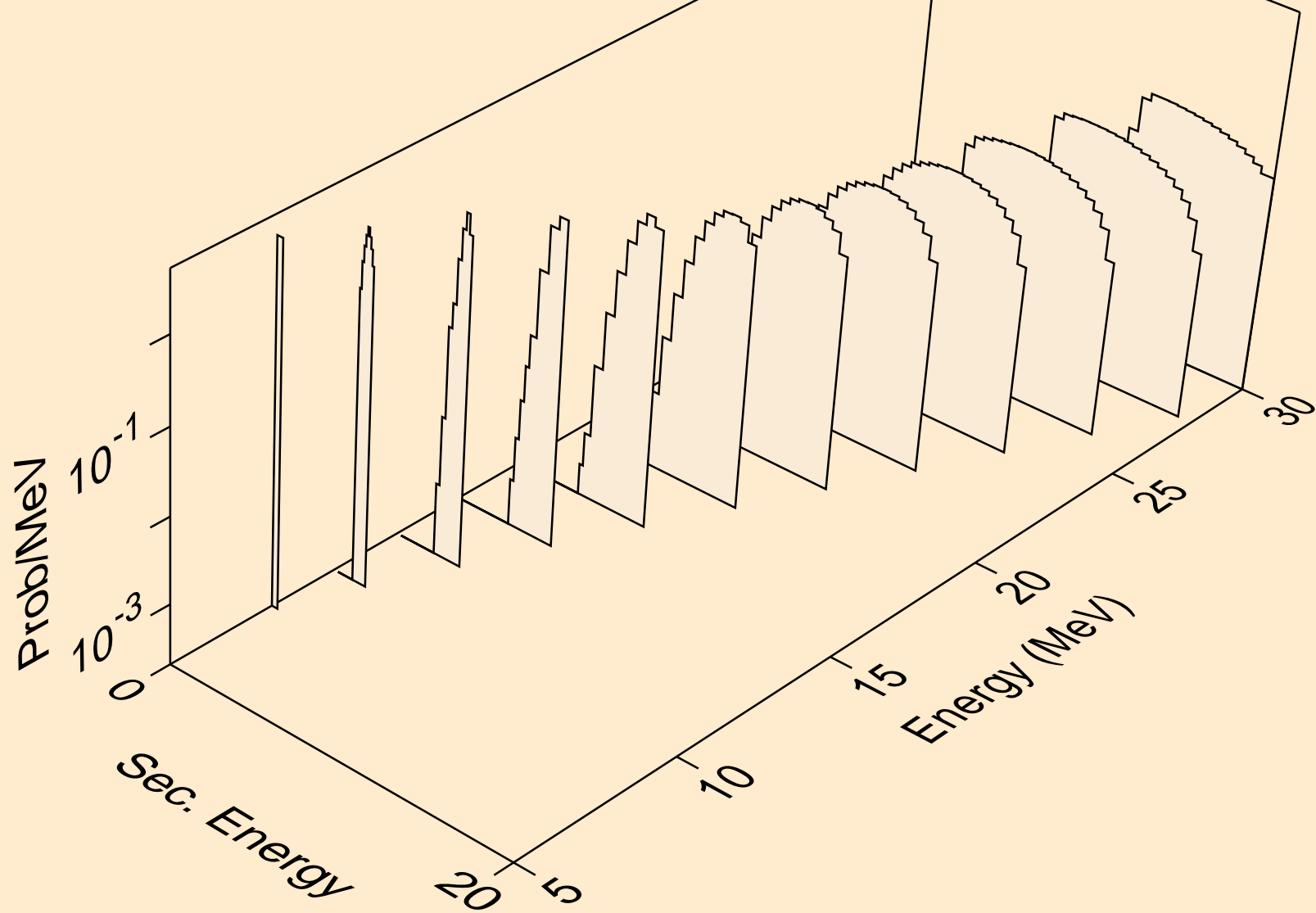
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,x)



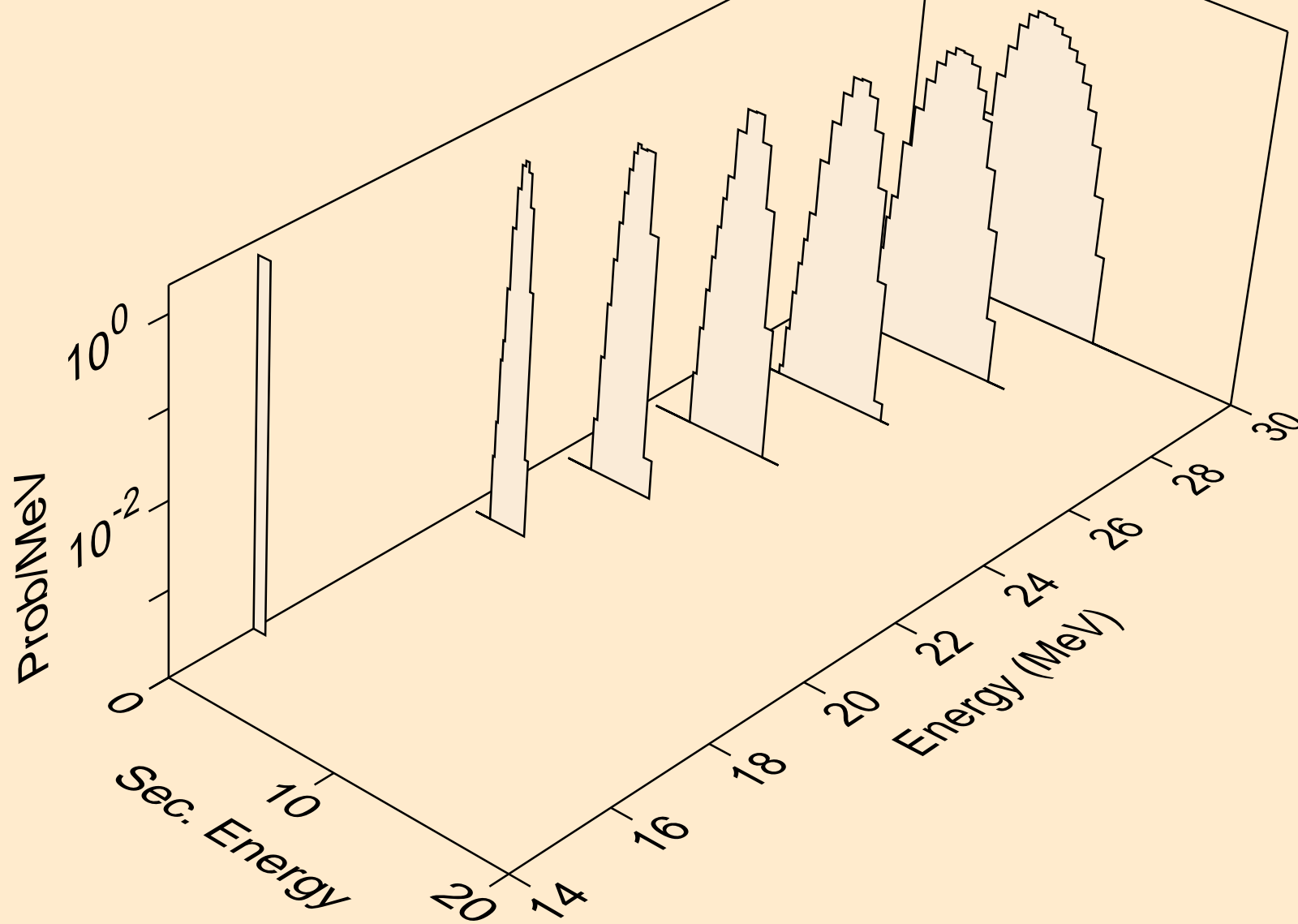
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,n*)t



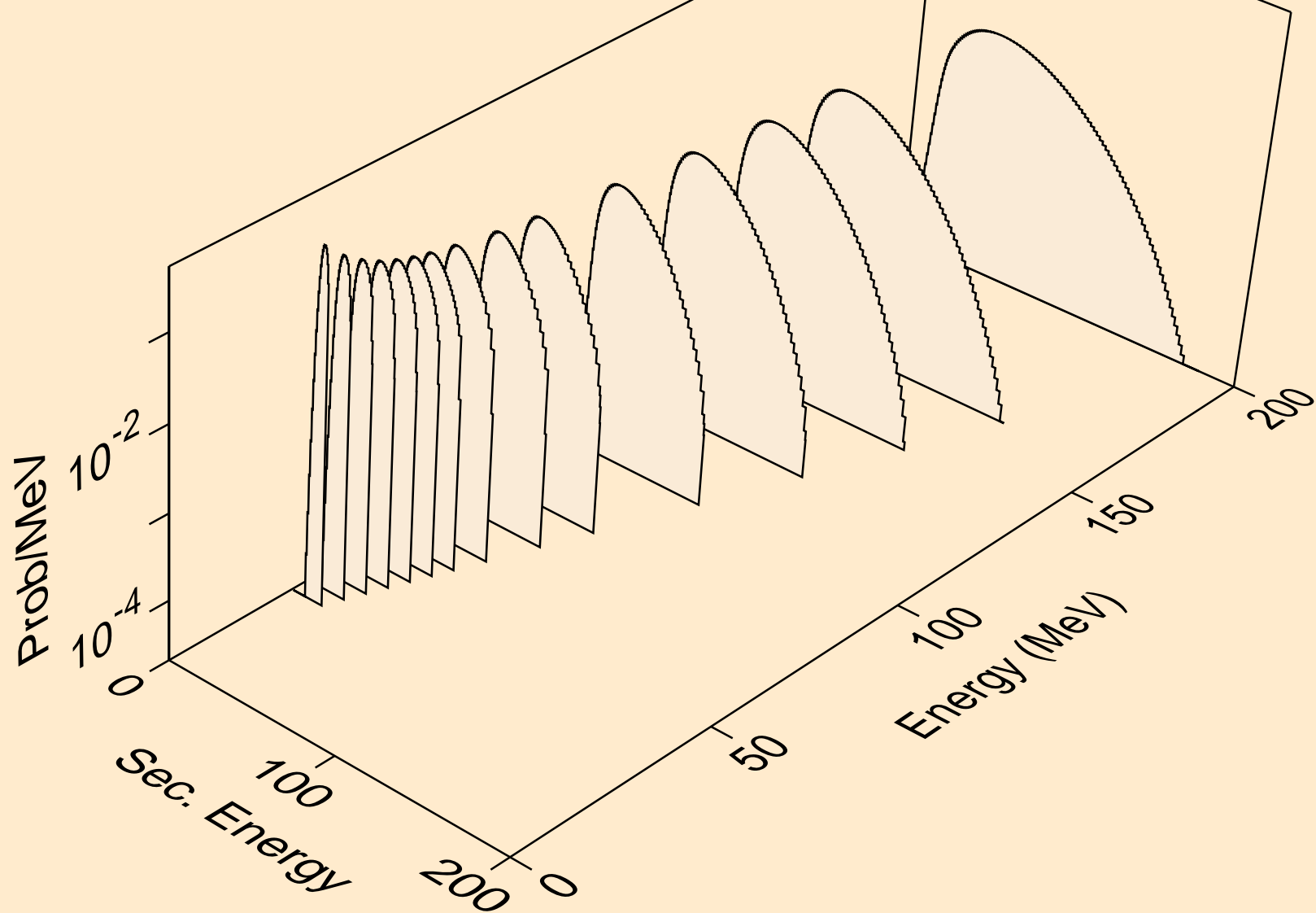
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tritons from (n,t)



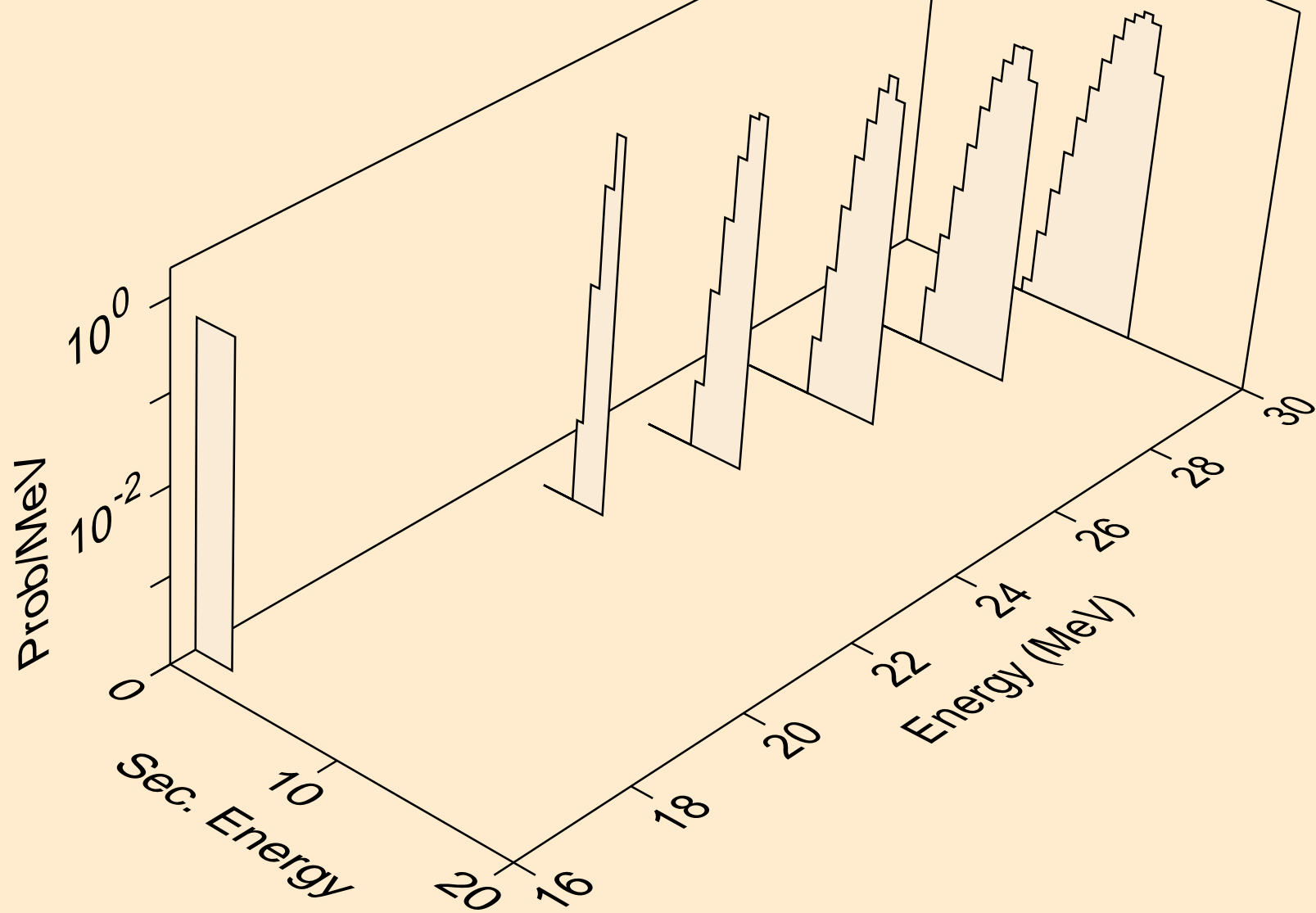
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
tritons from (n,pt)



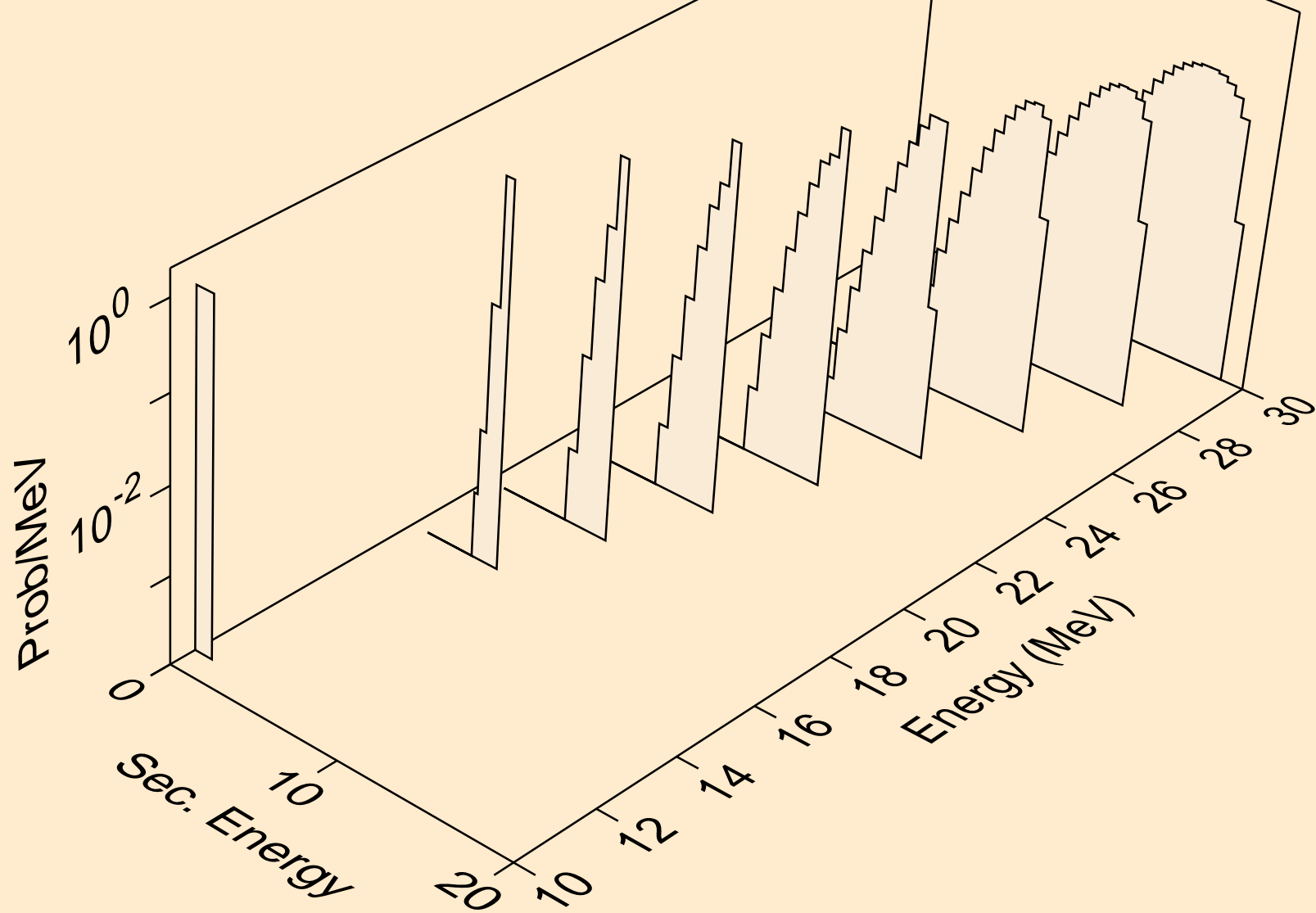
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he3s from (n,x)



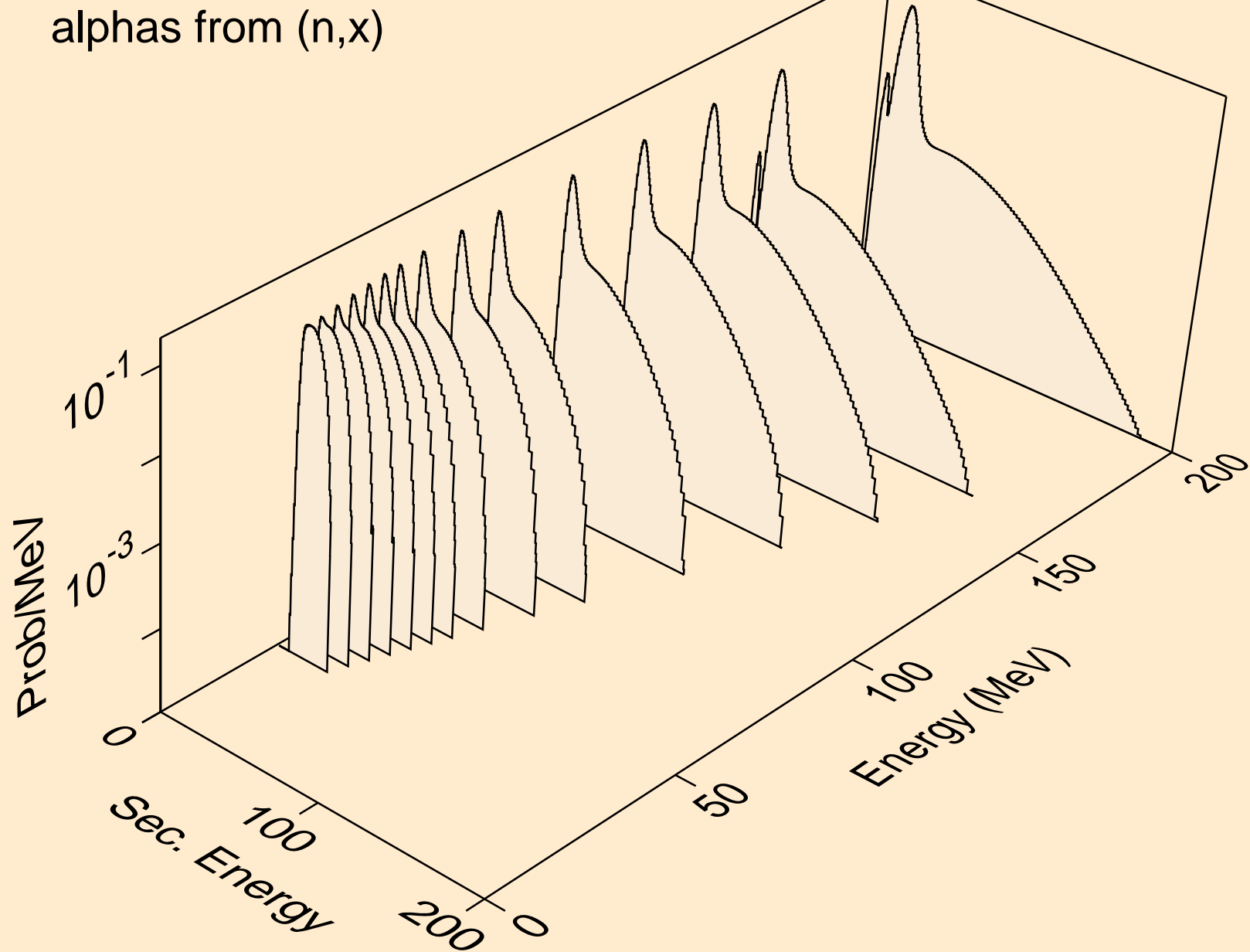
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he3s from (n,n*)he3



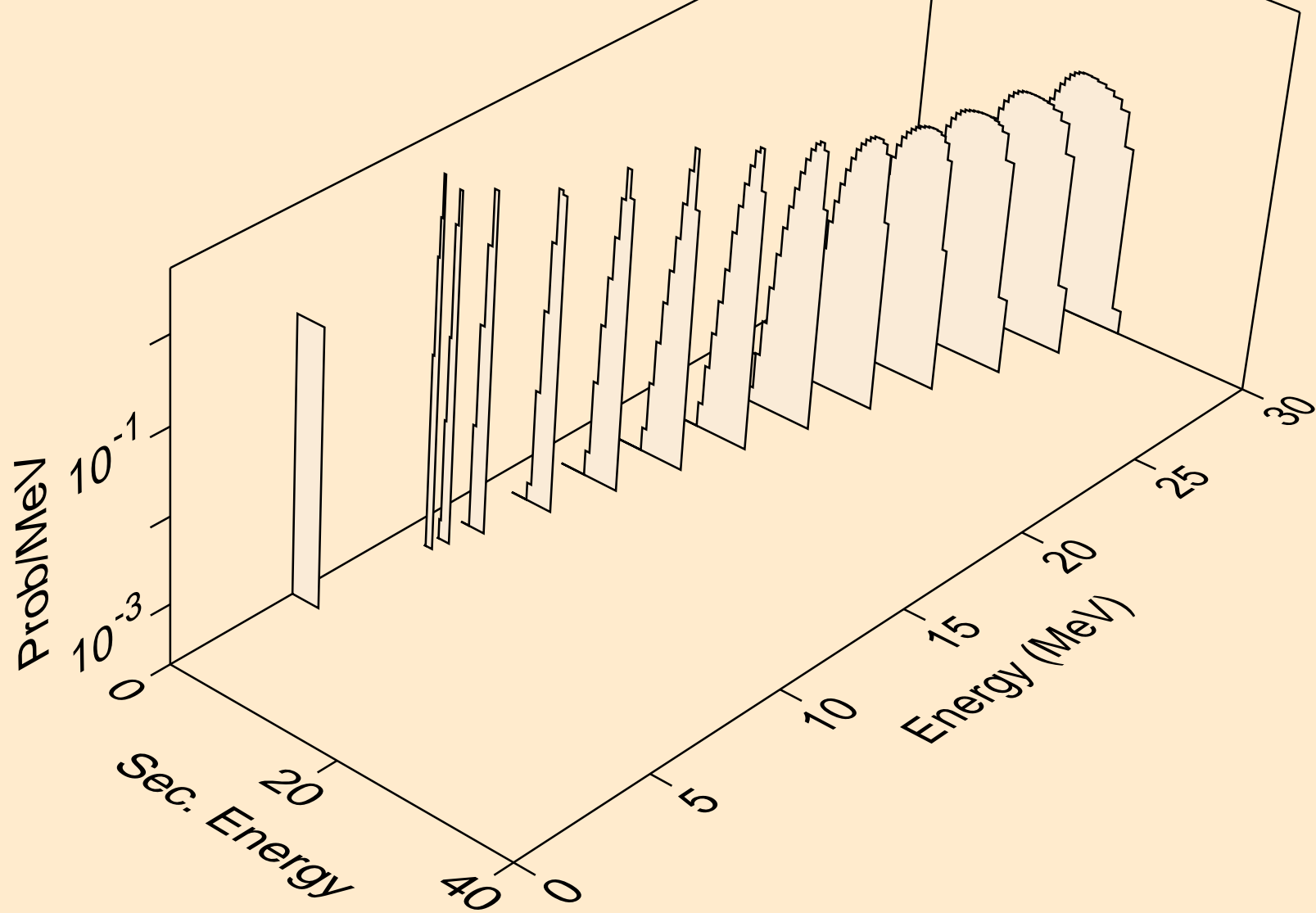
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he3s from (n,he3)



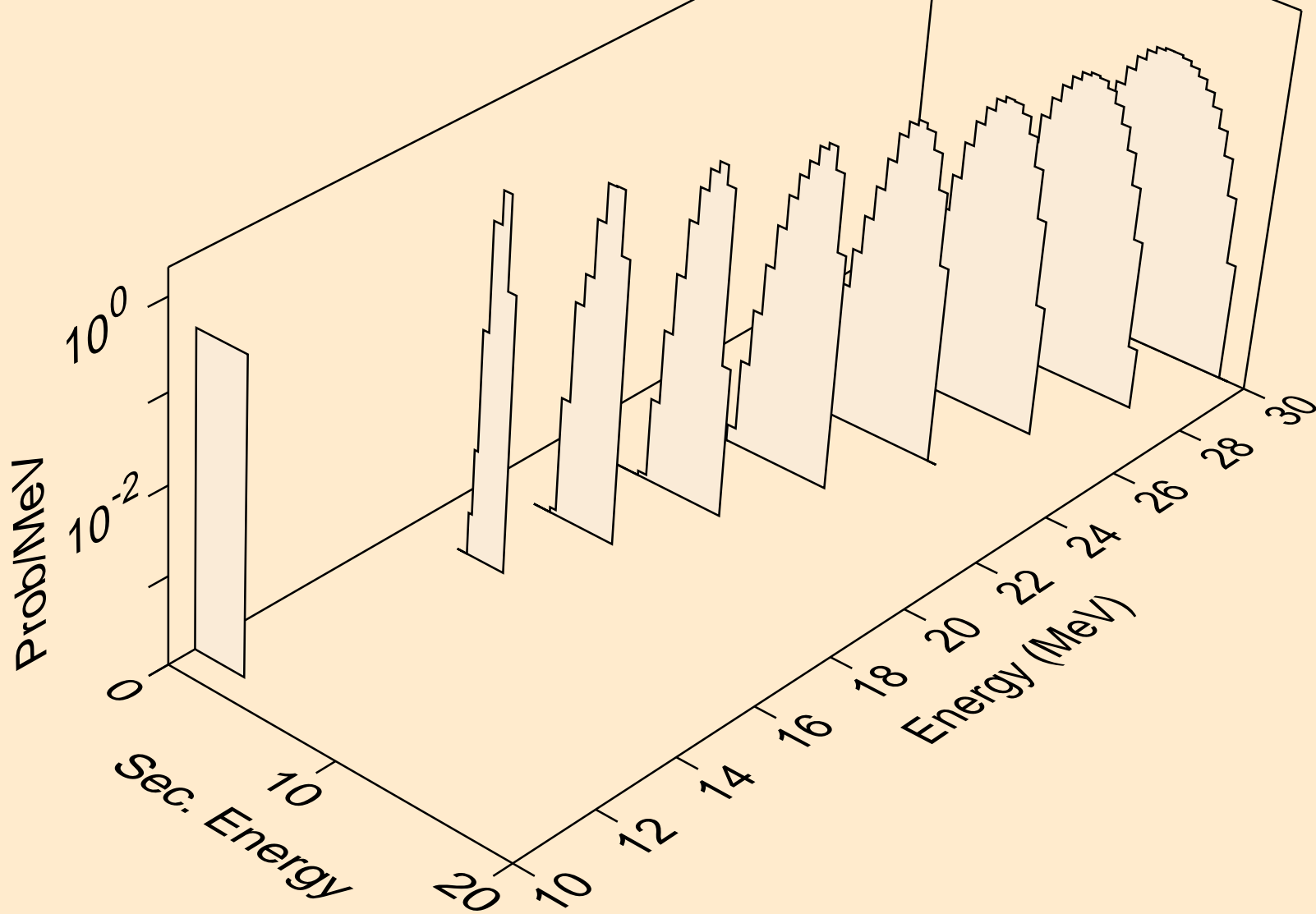
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,x)



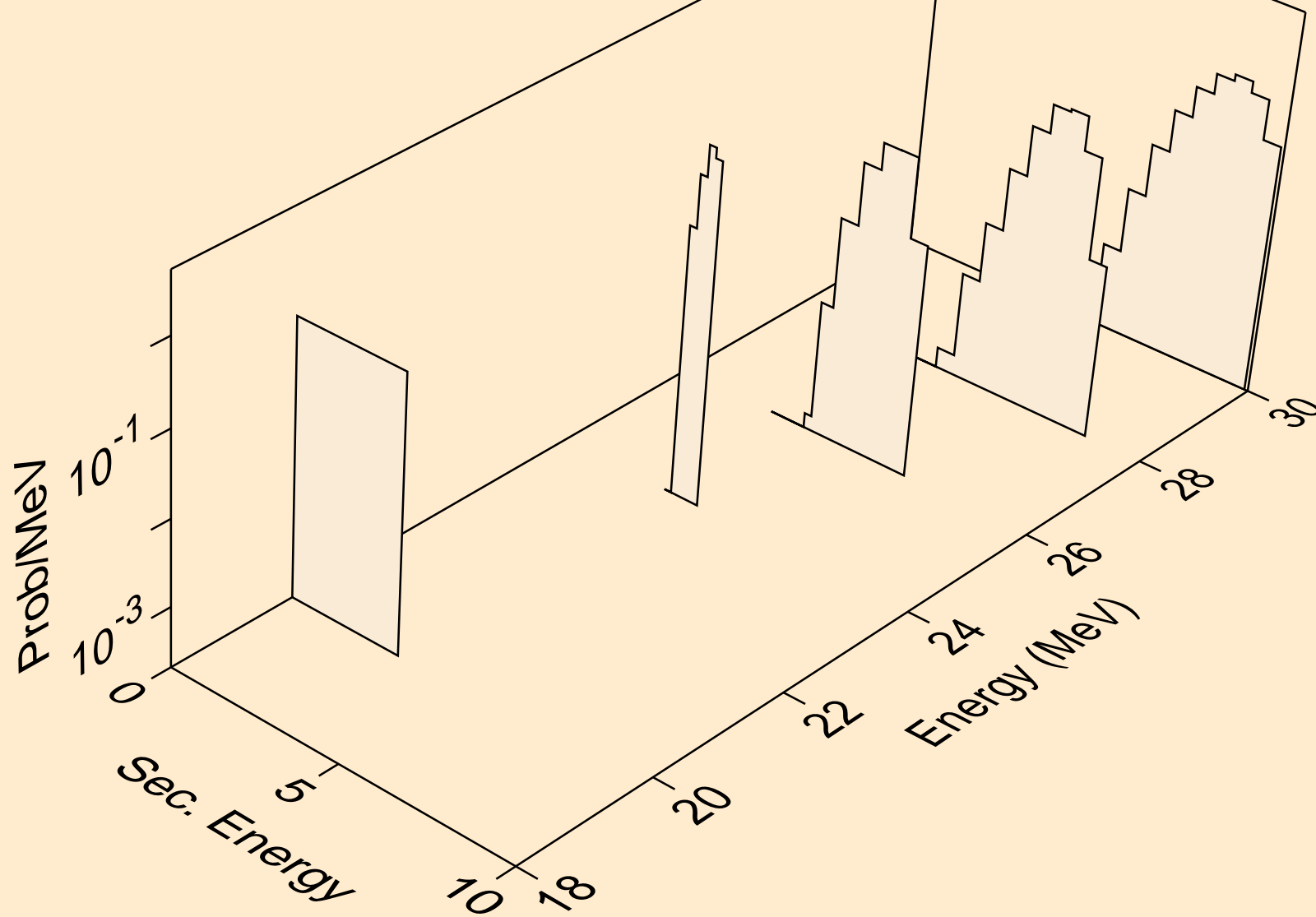
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,n*)a



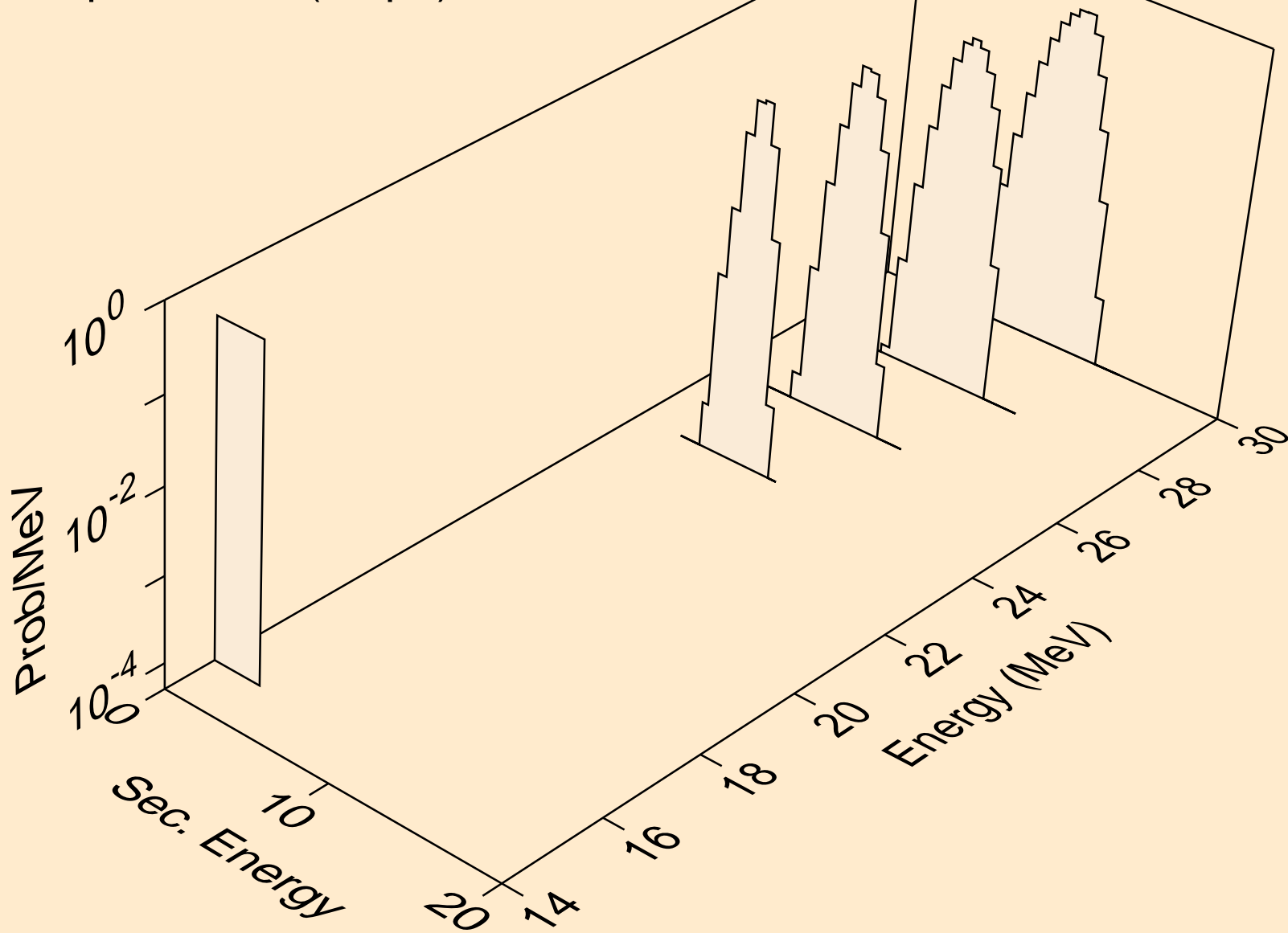
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2n)a



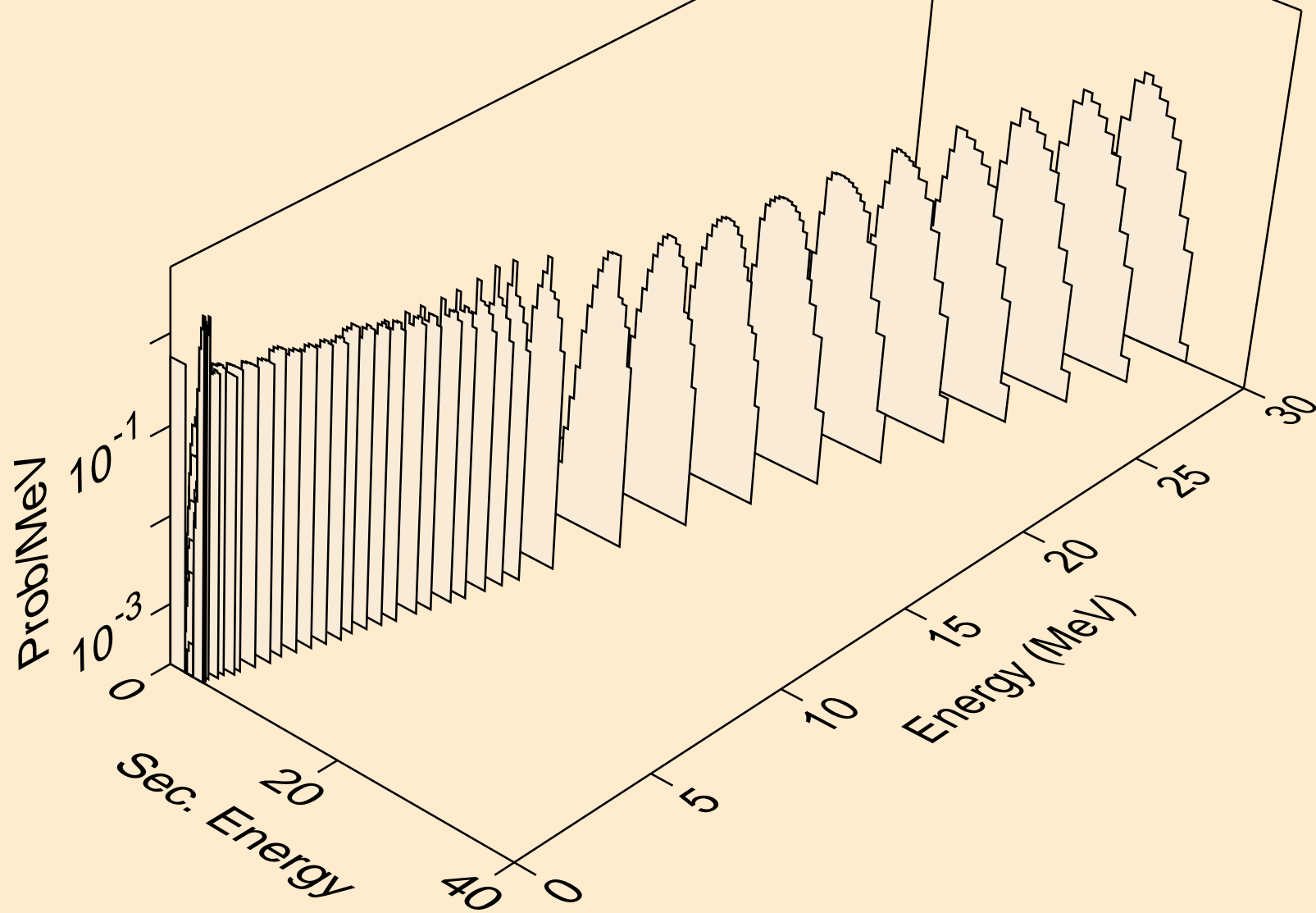
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,3n)a



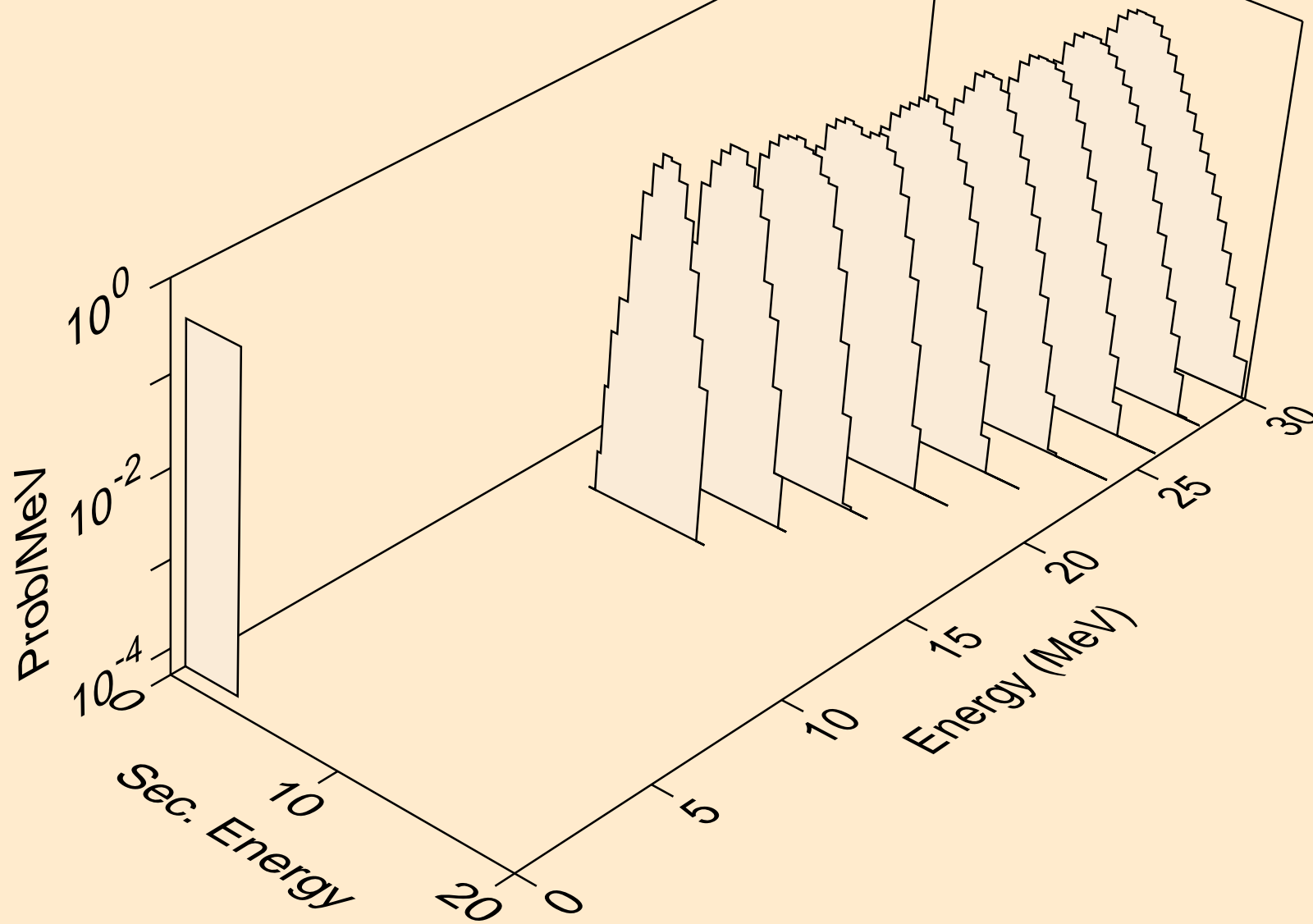
SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,npa)



SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,a)



SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,2a)



SN119 NEUTRON ACER TENDL-2021 LIBRARY; T=293.6K
alphas from (n,pa)

