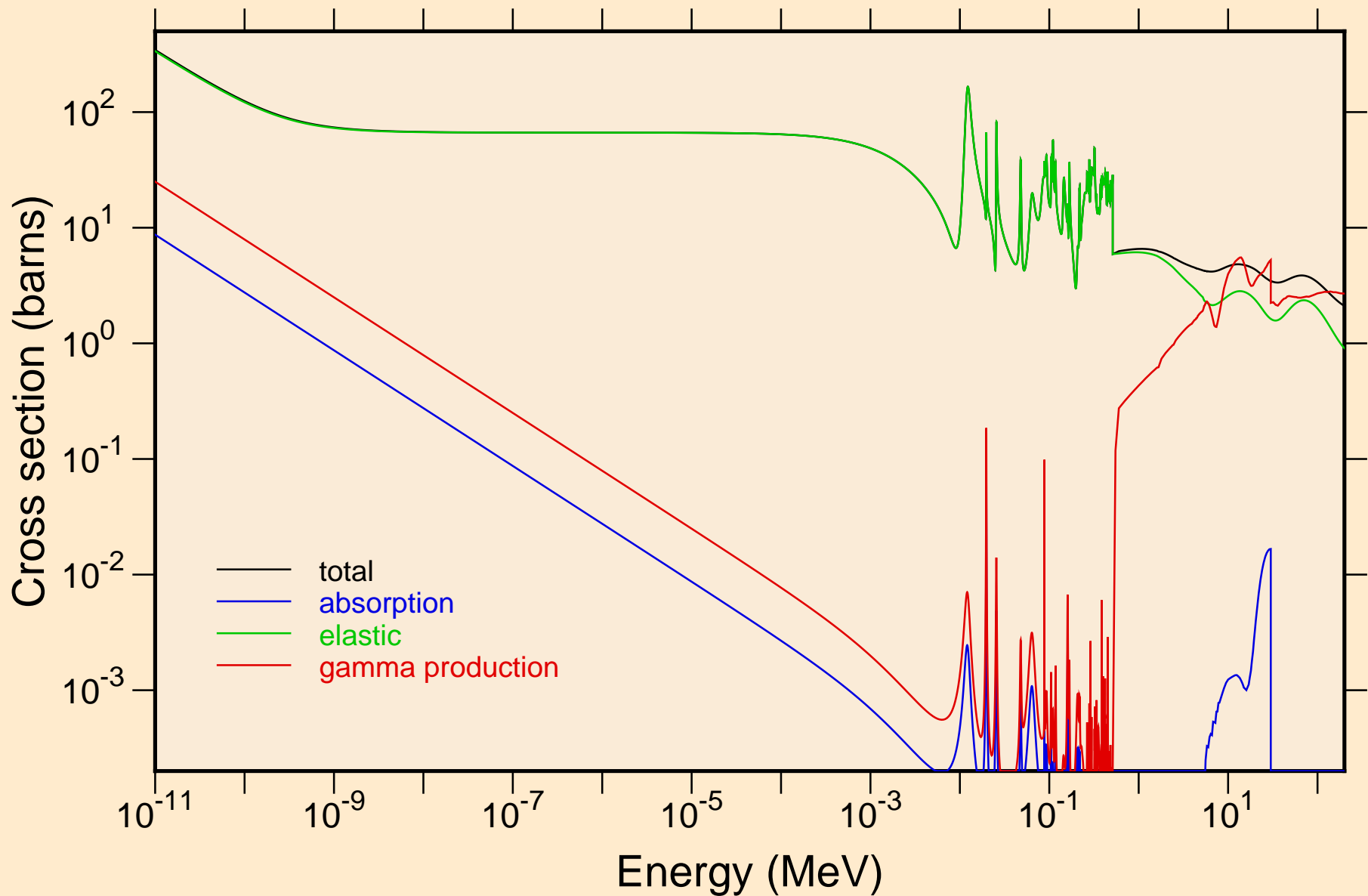
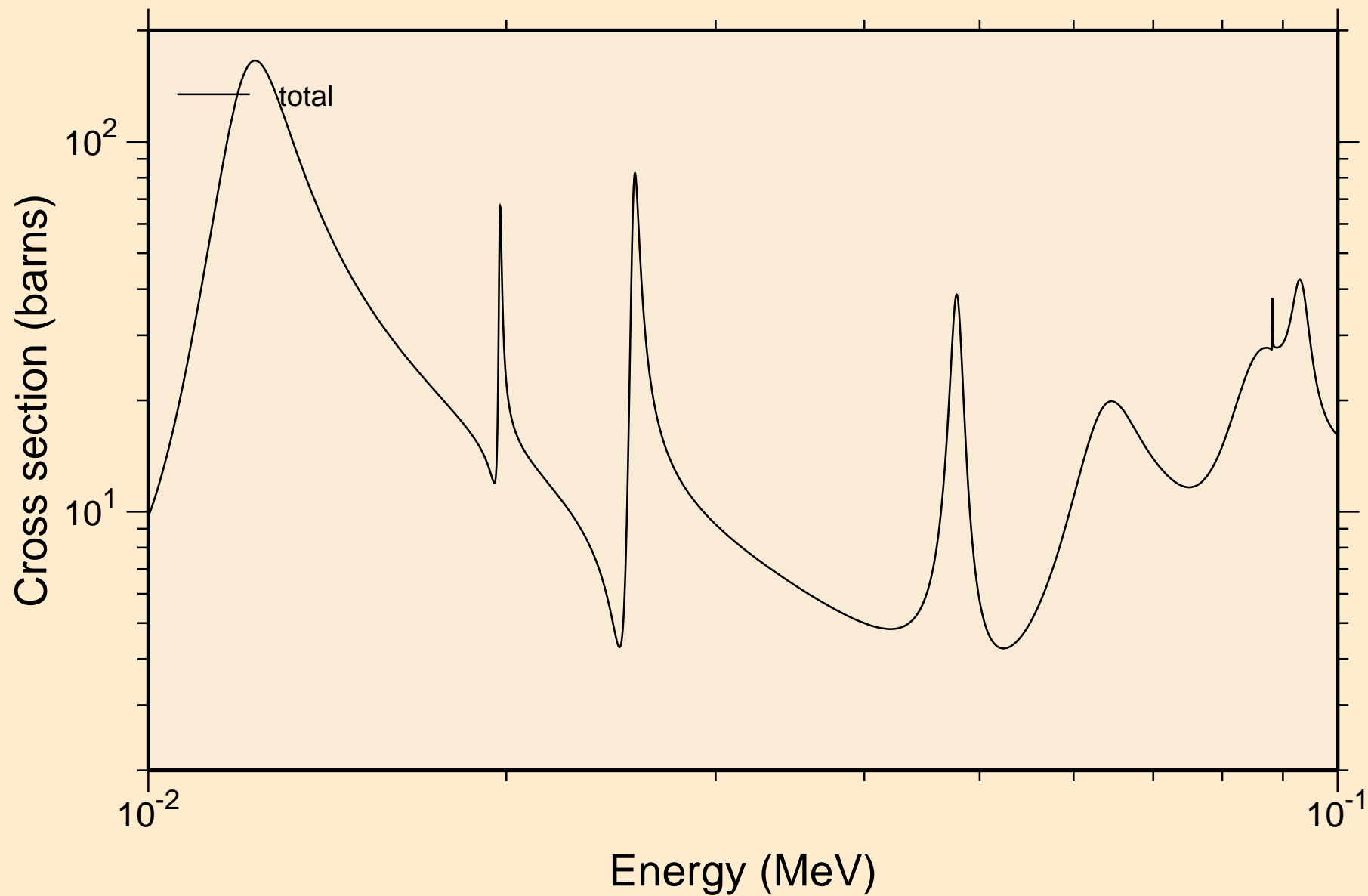


SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

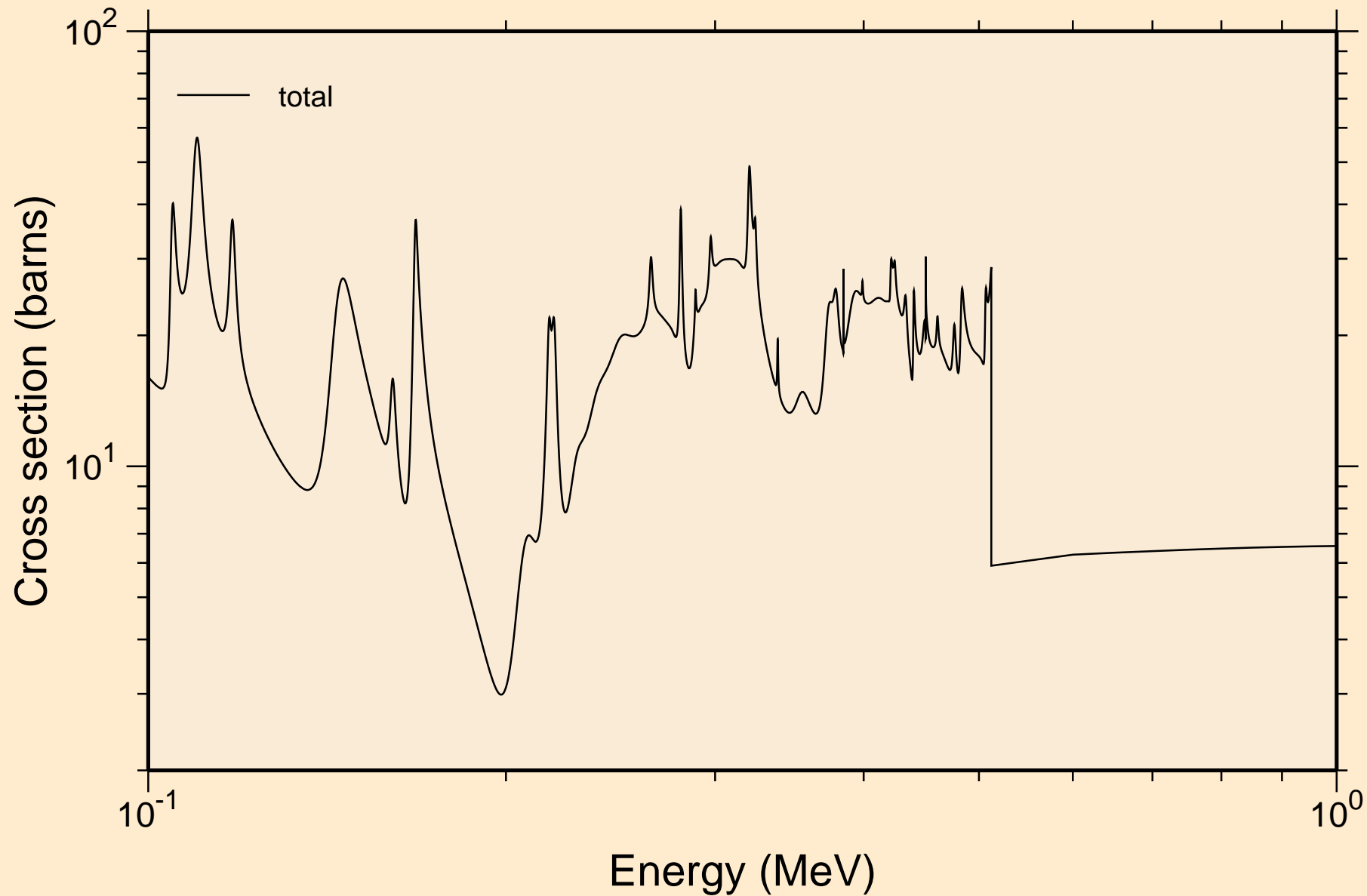
Principal cross sections



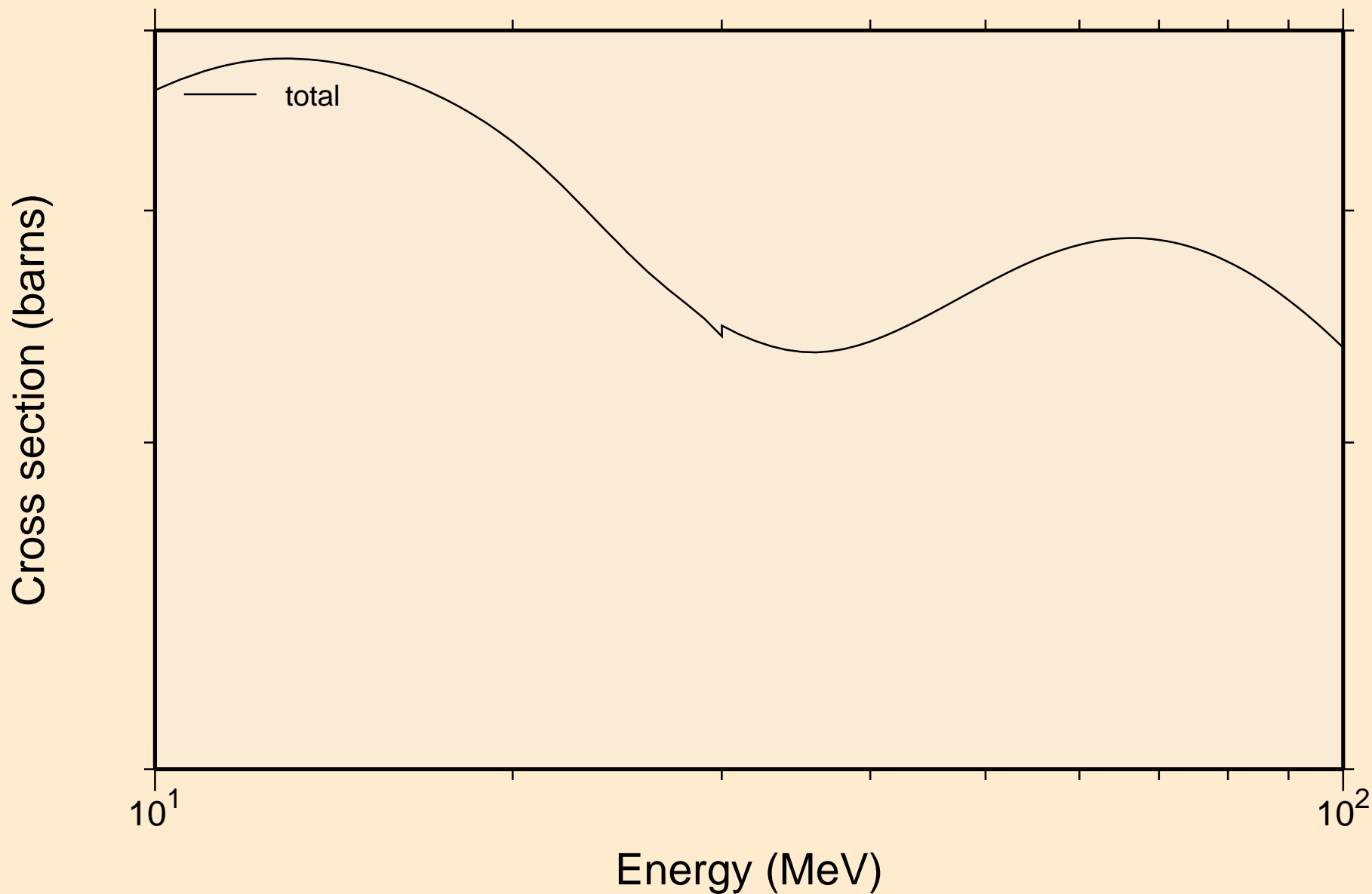
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



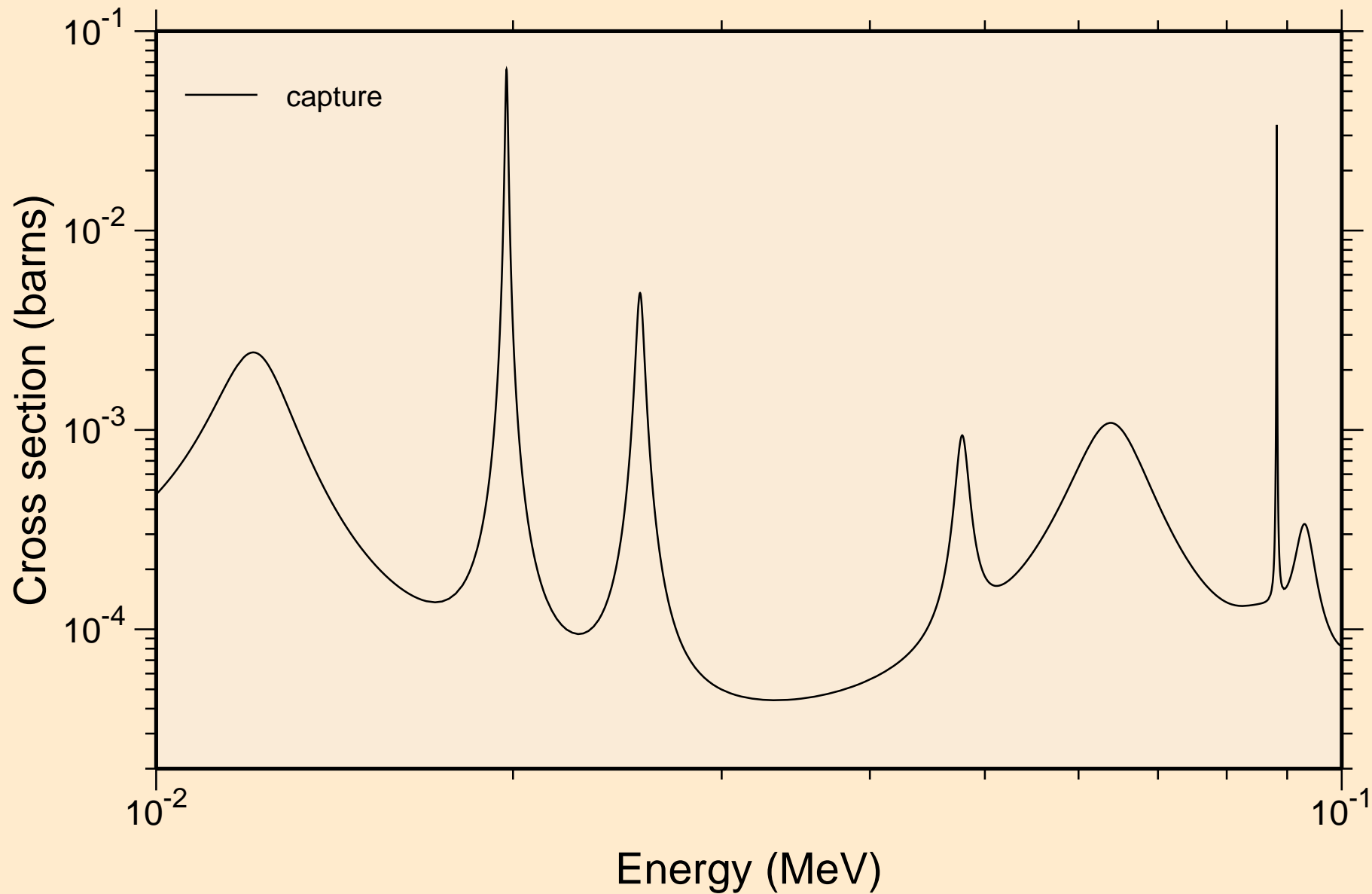
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



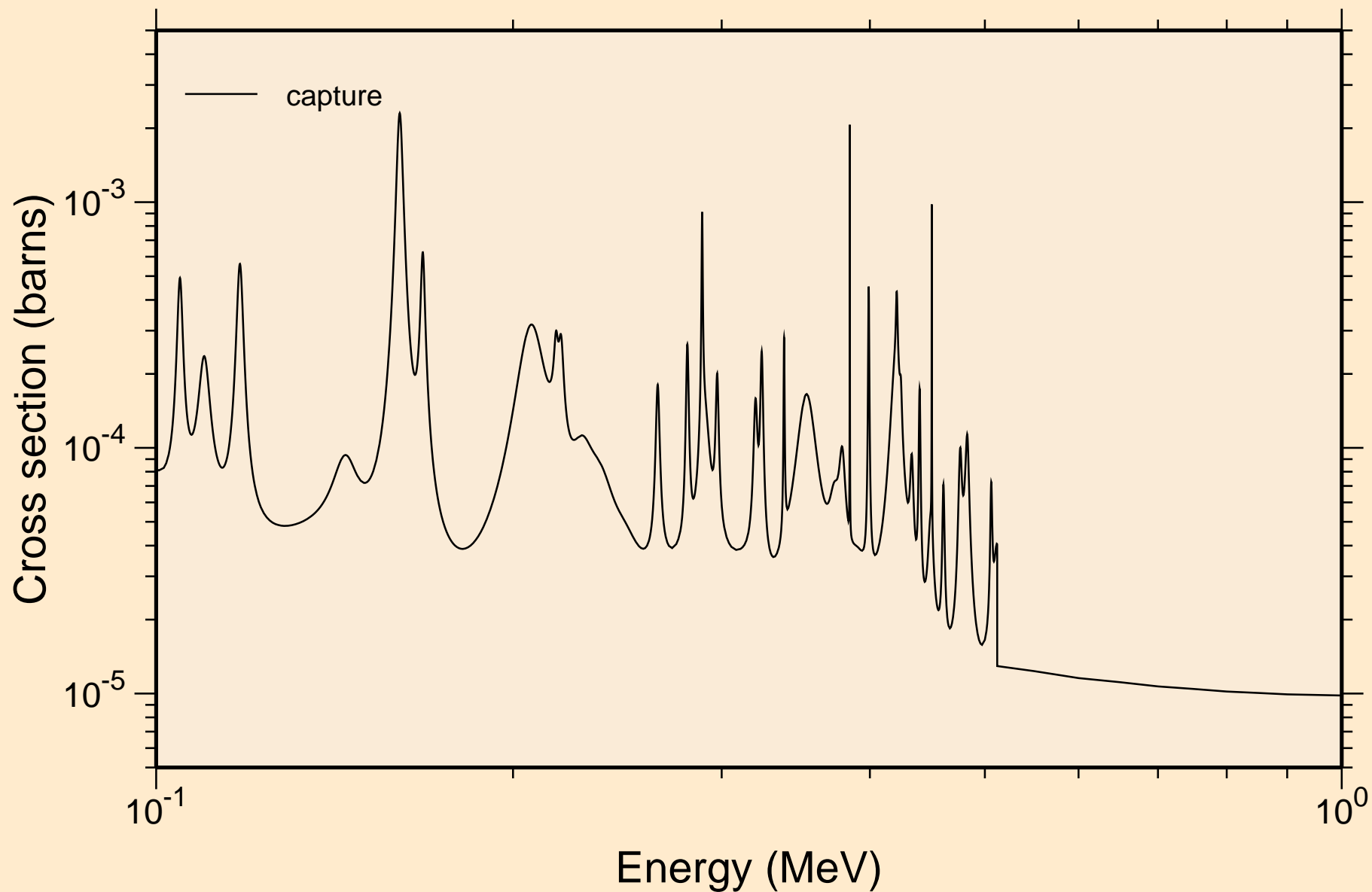
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resonance total cross section



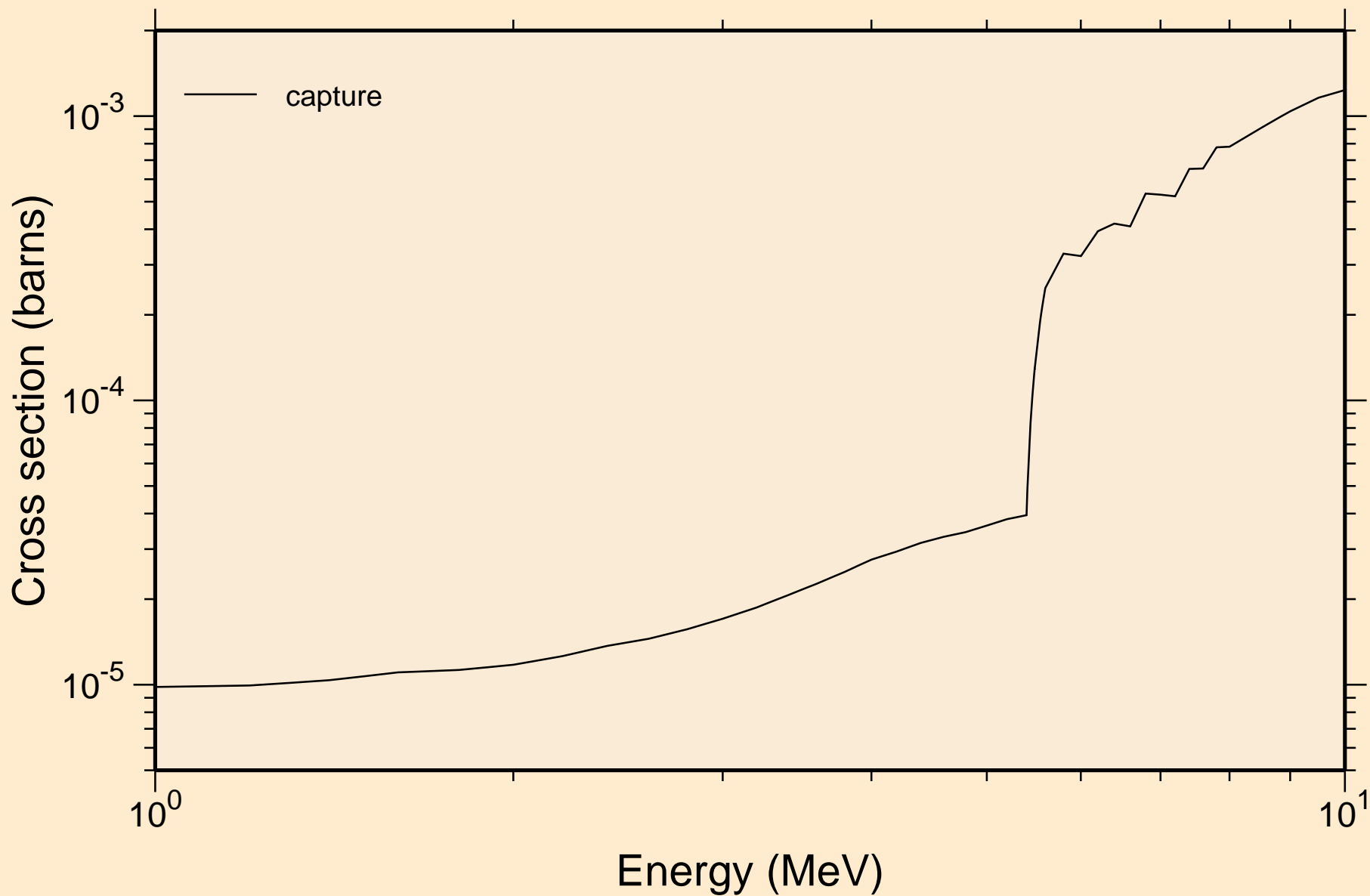
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



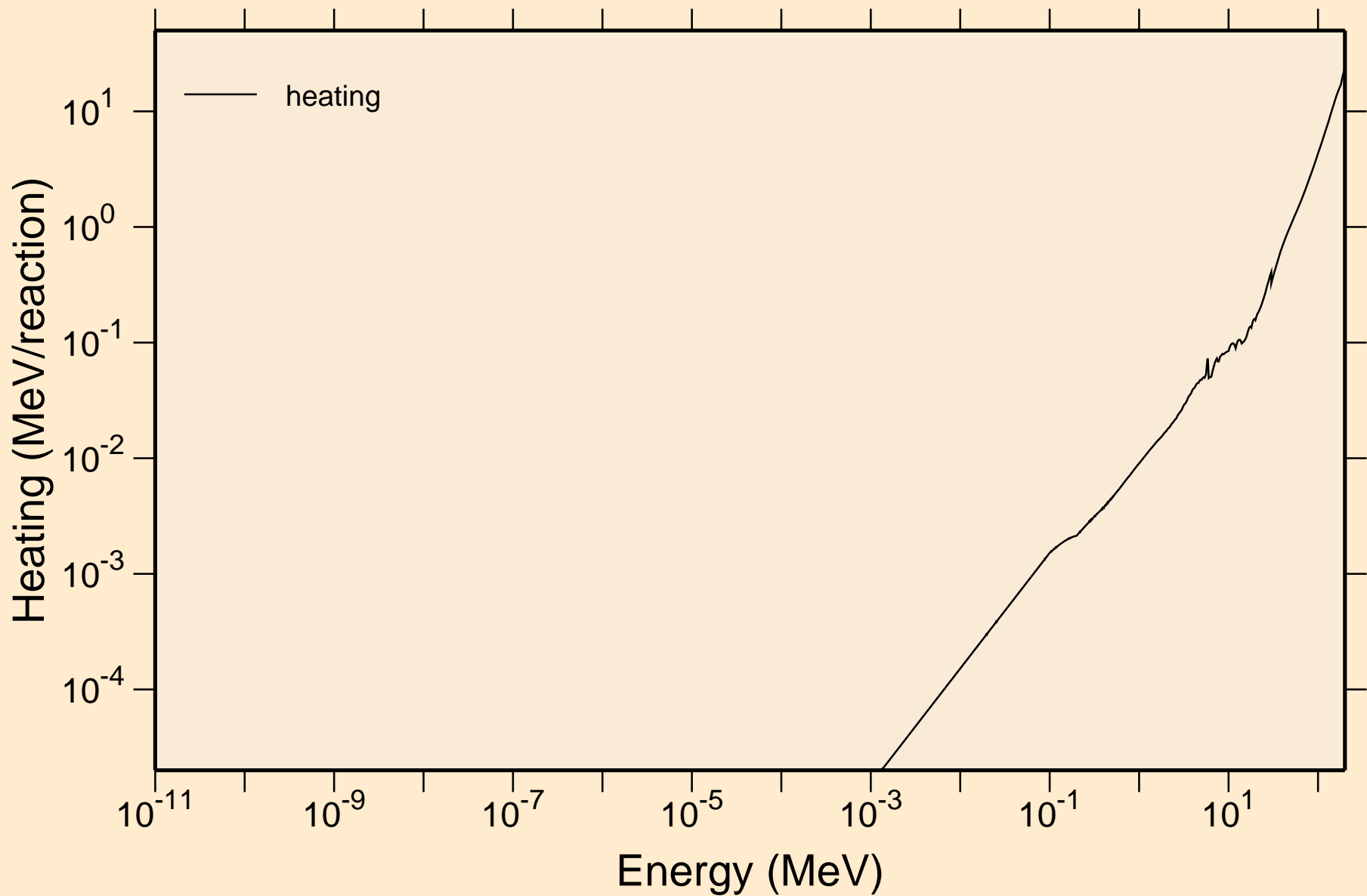
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



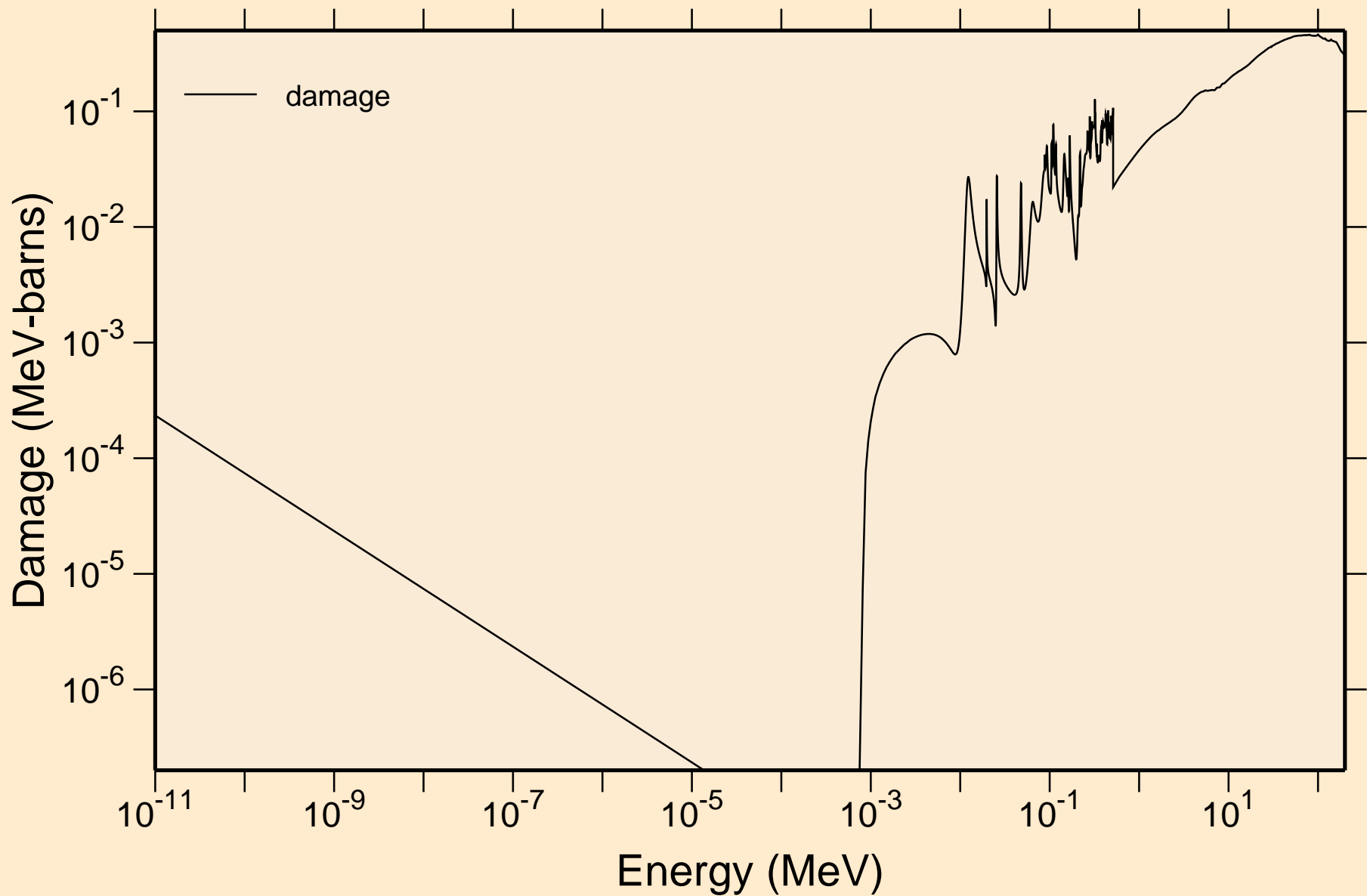
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



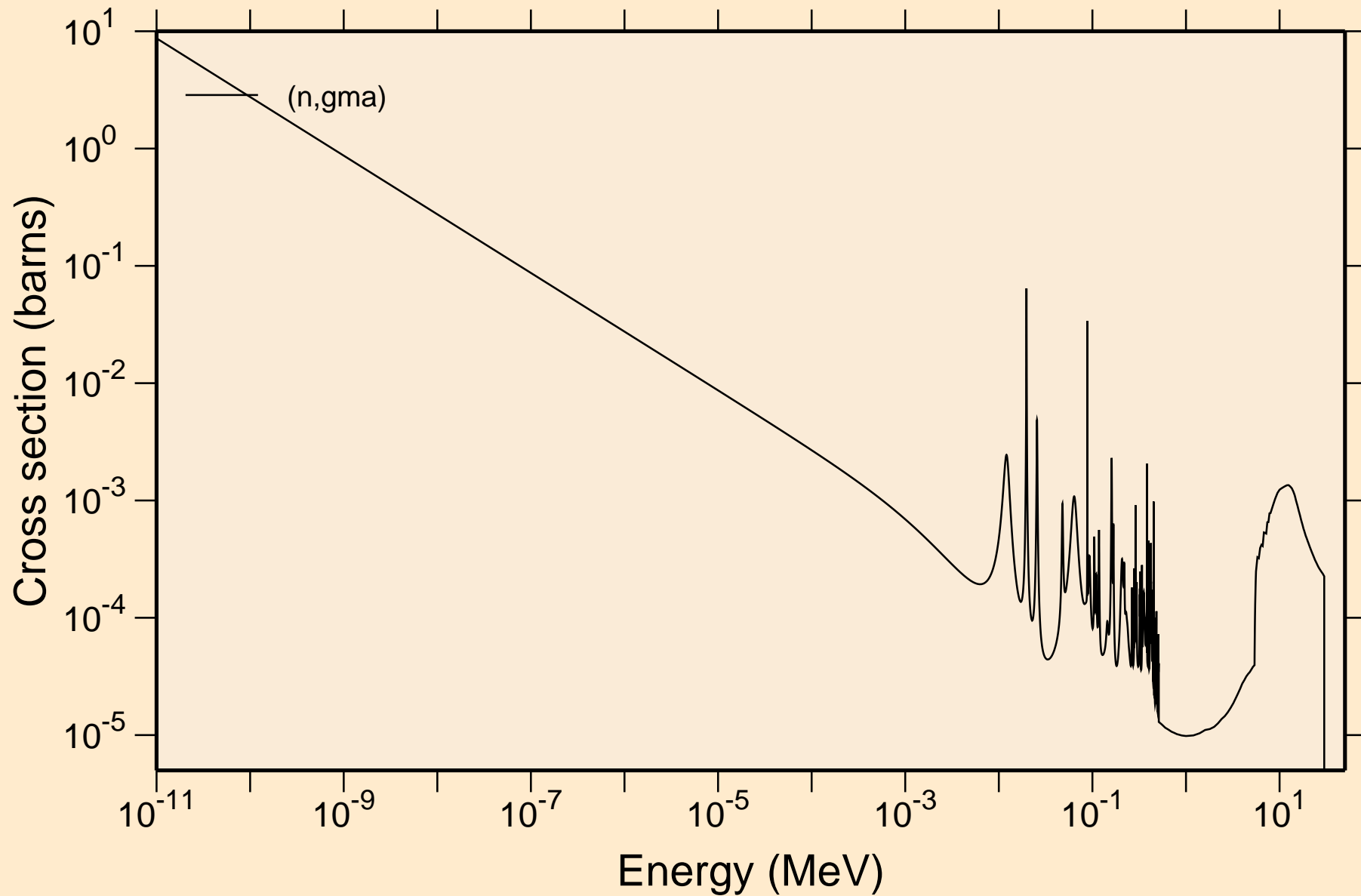
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

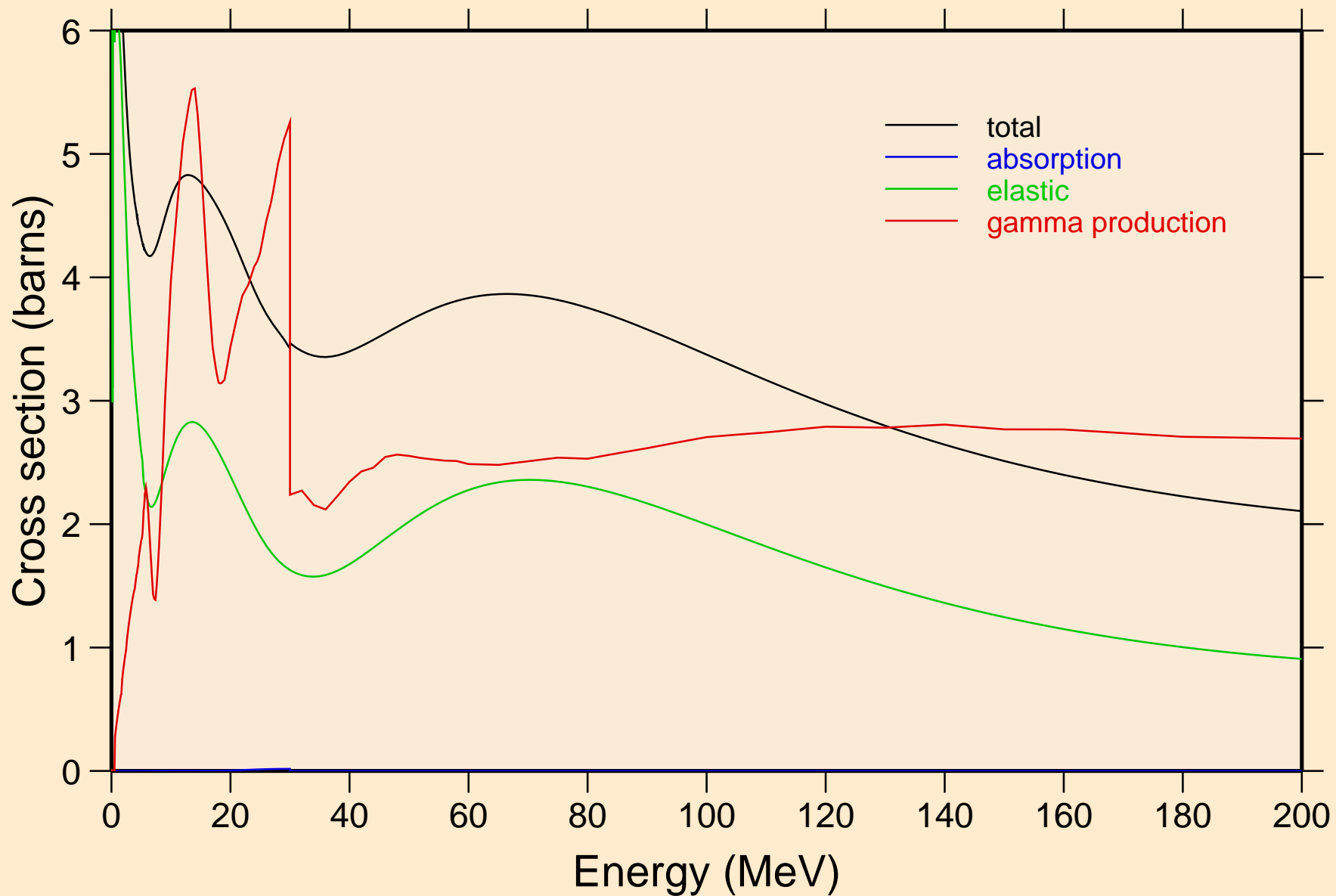


SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

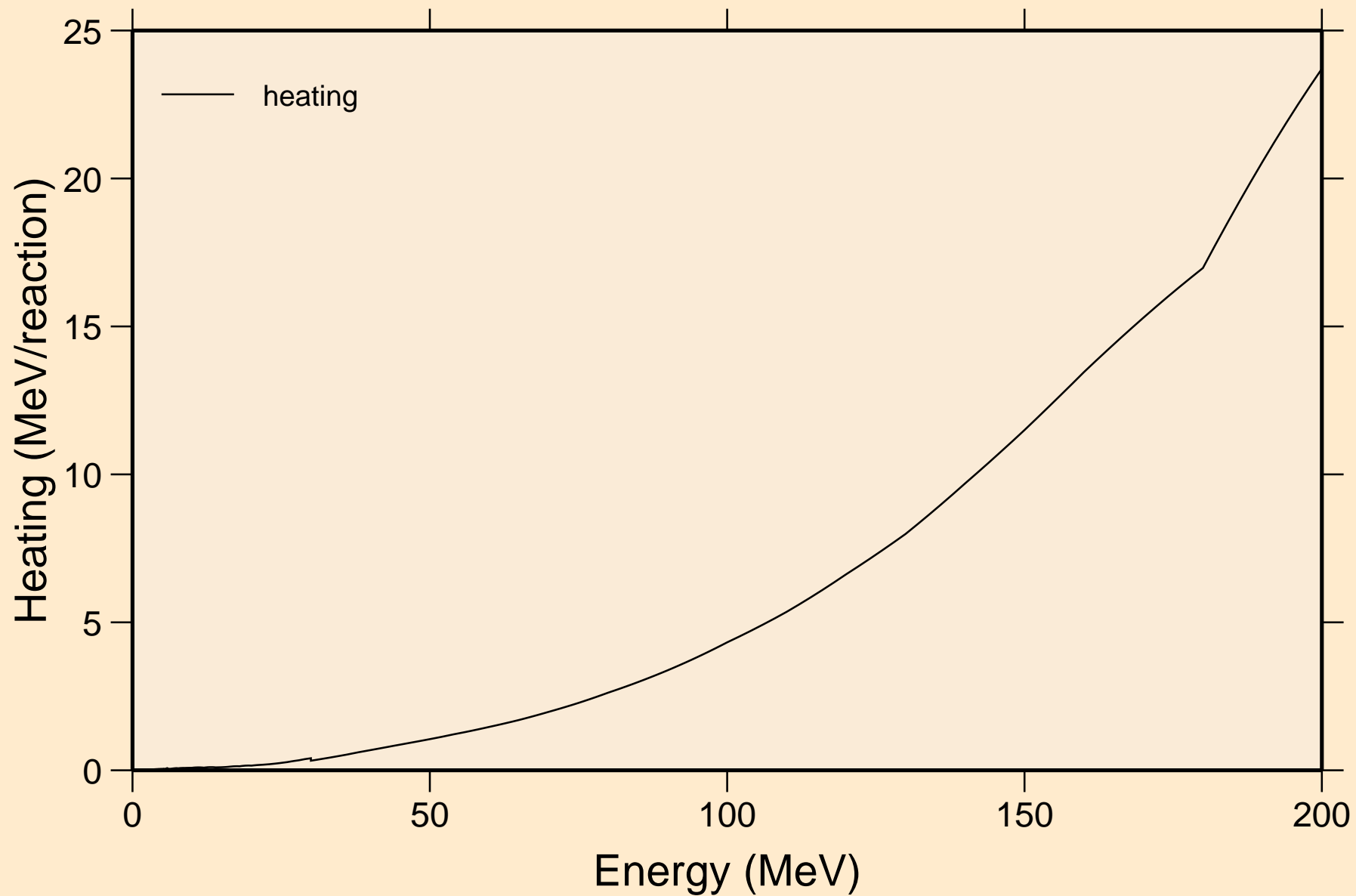


SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

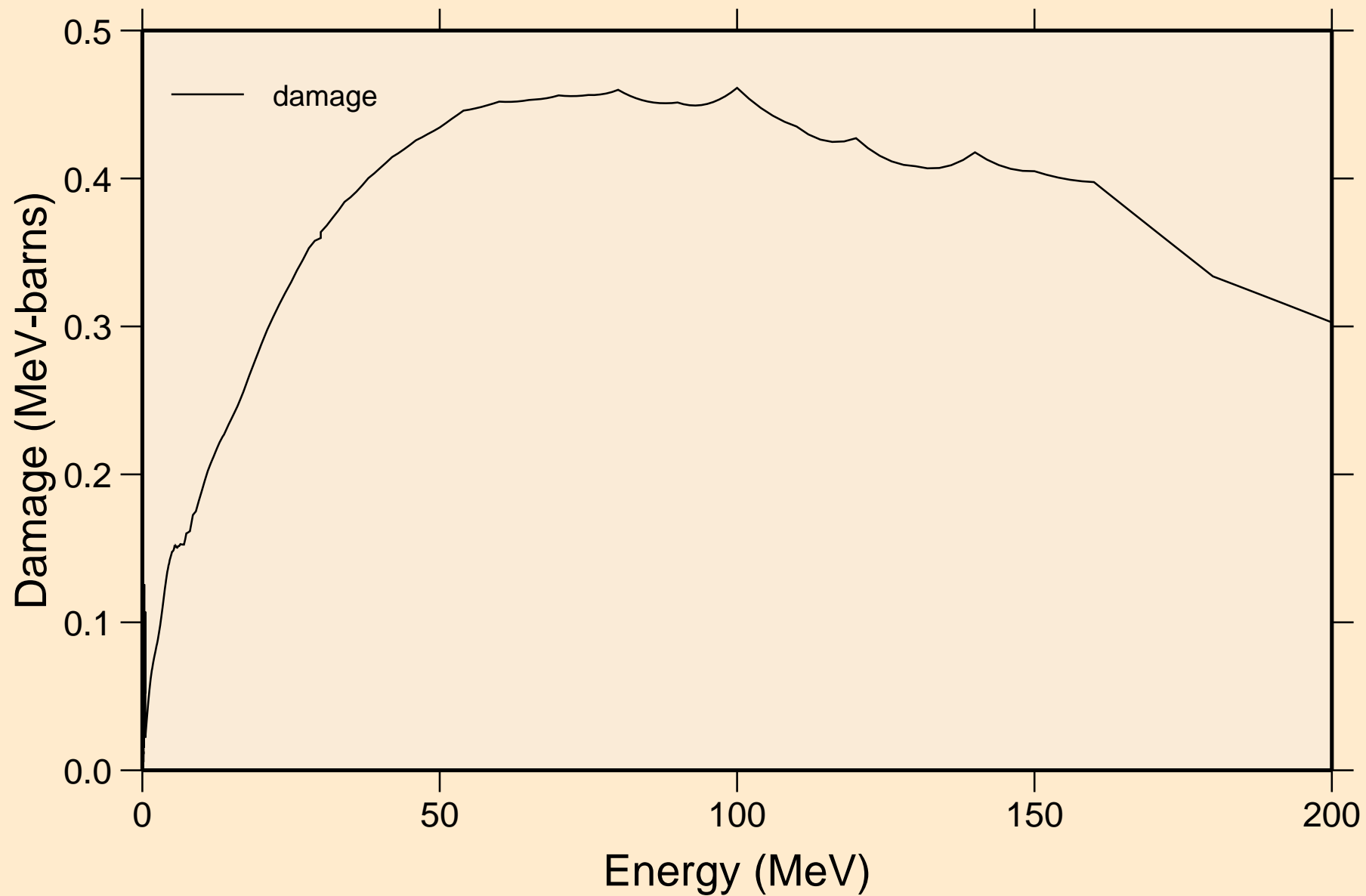
Principal cross sections



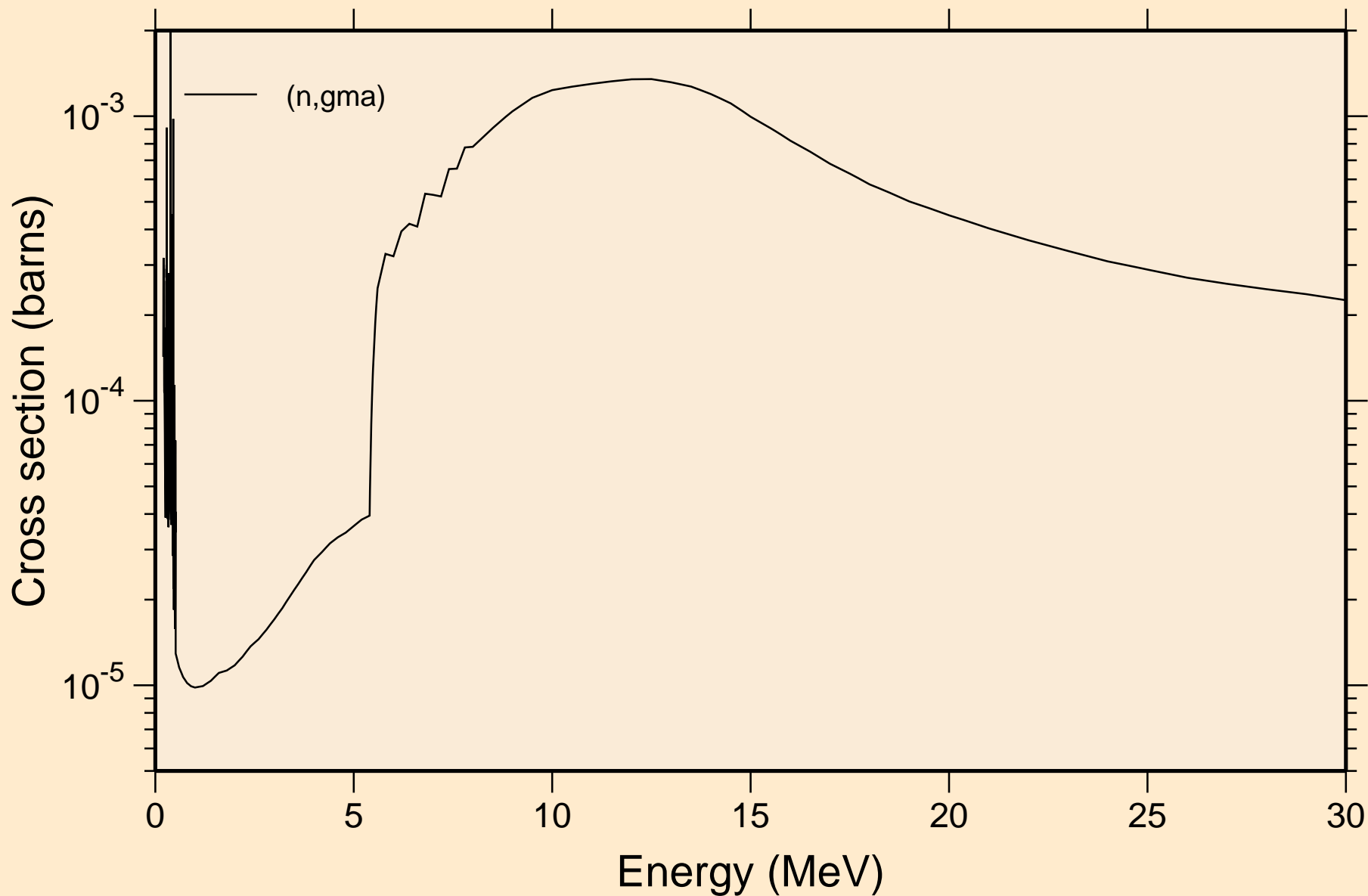
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



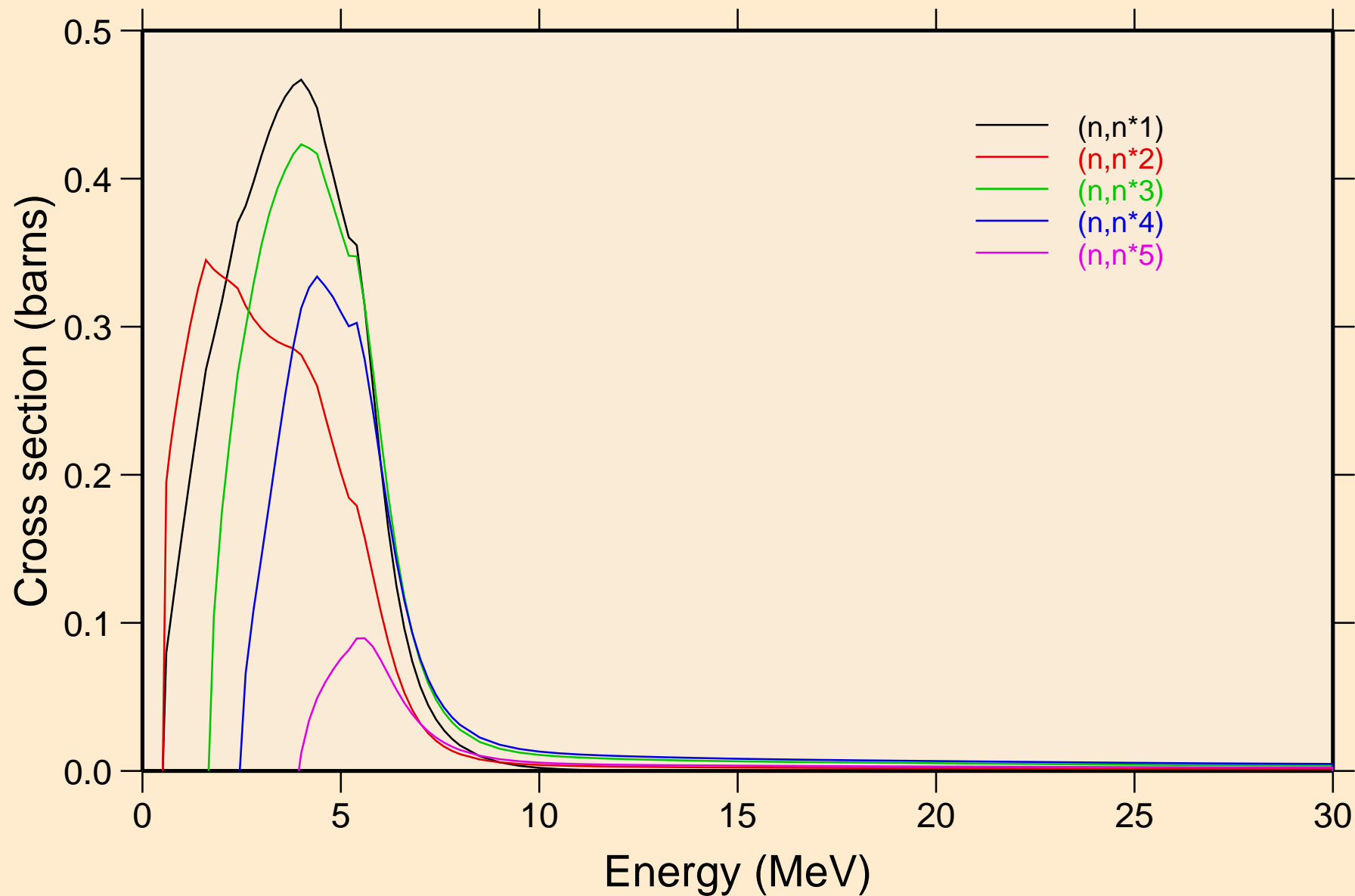
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



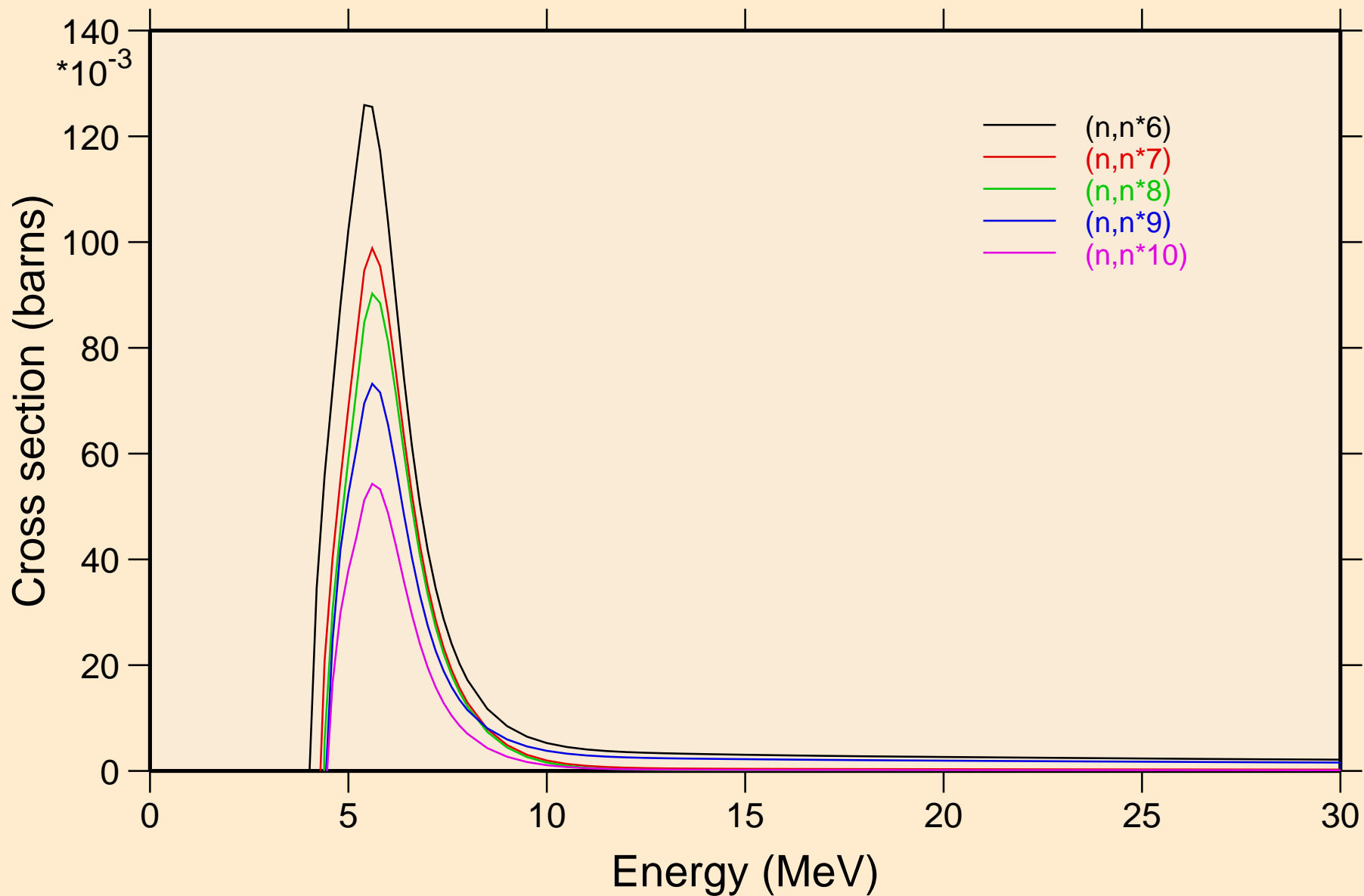
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

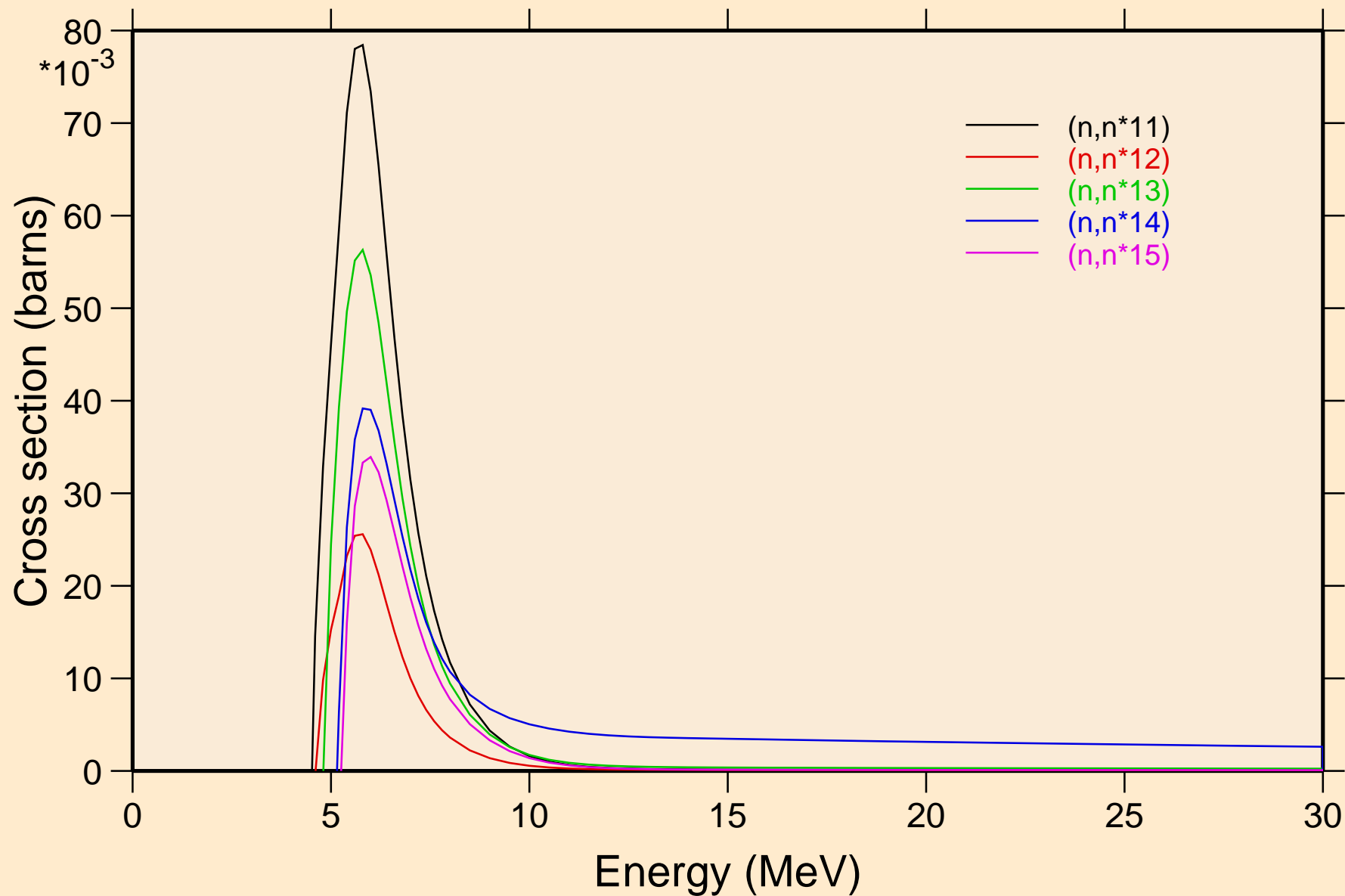


SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



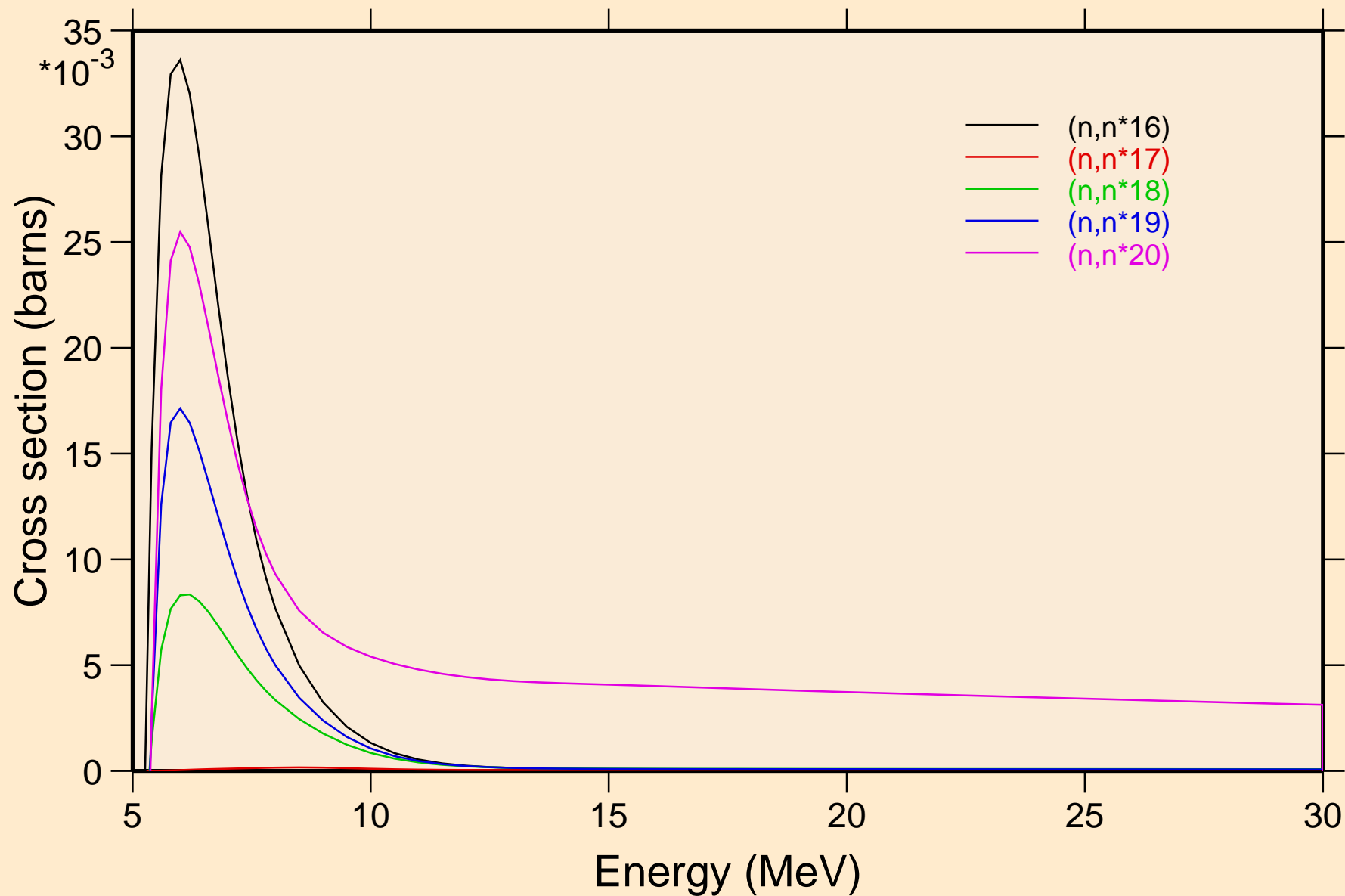
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Inelastic levels



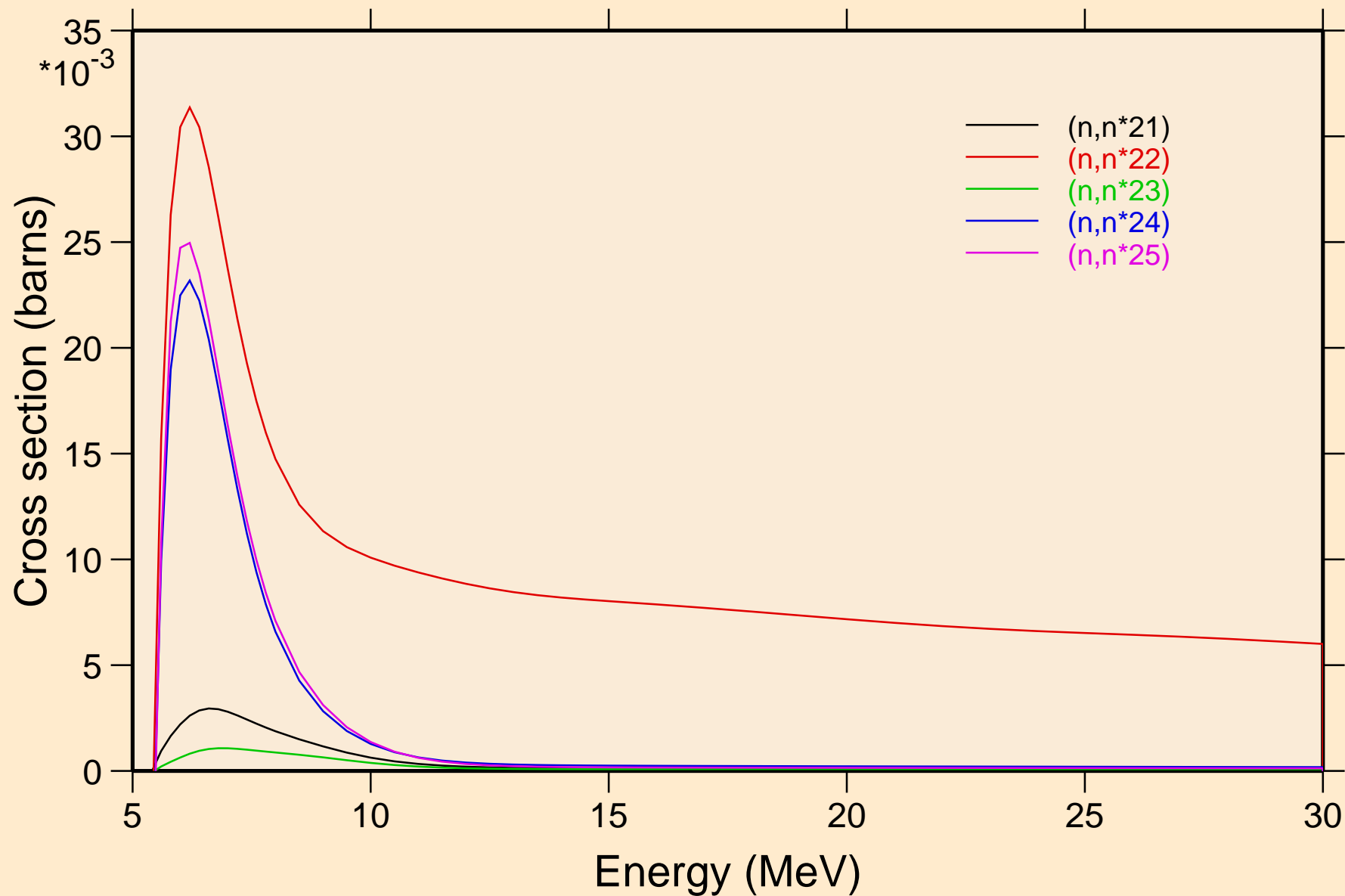
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Inelastic levels



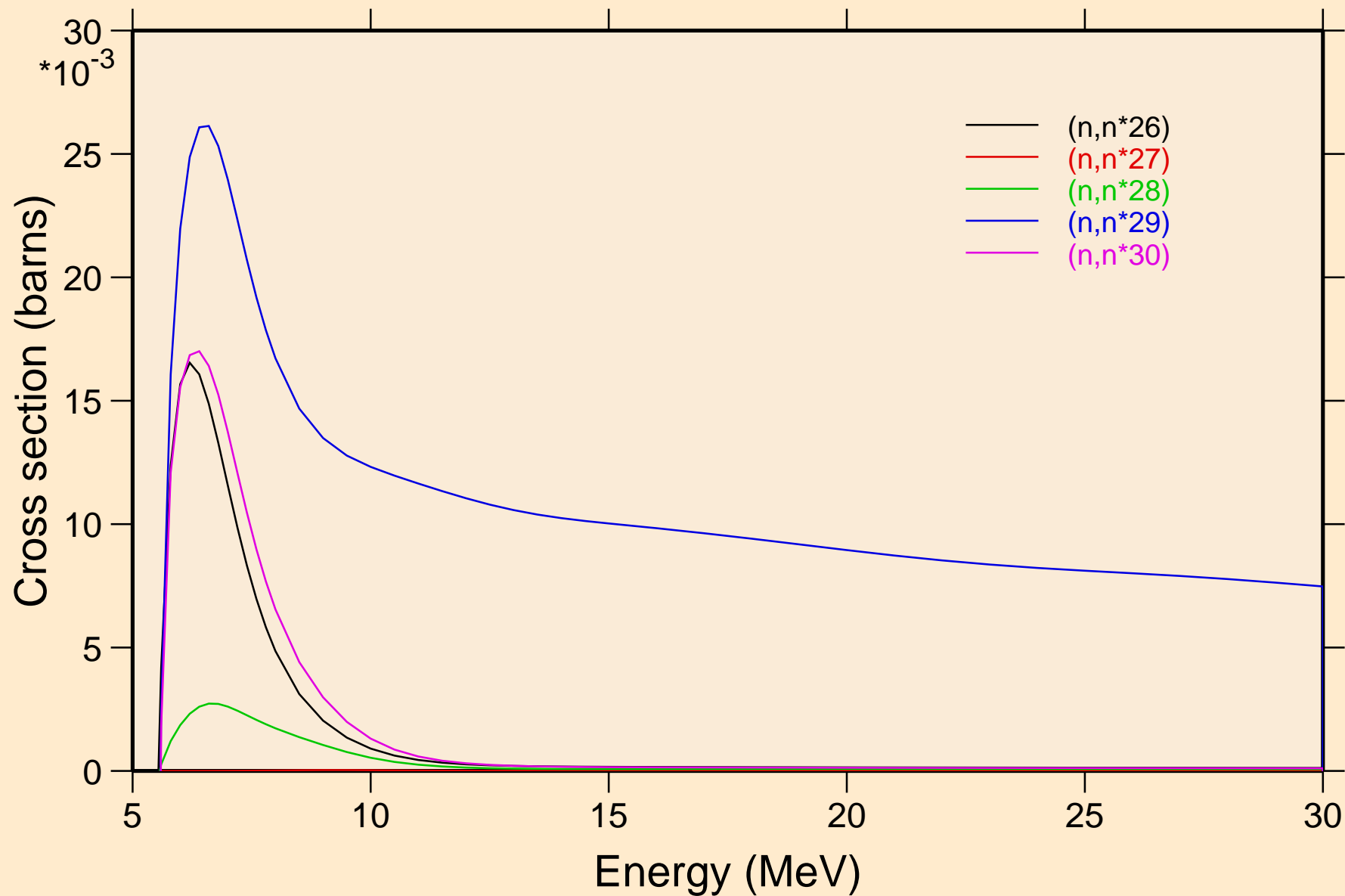
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Inelastic levels



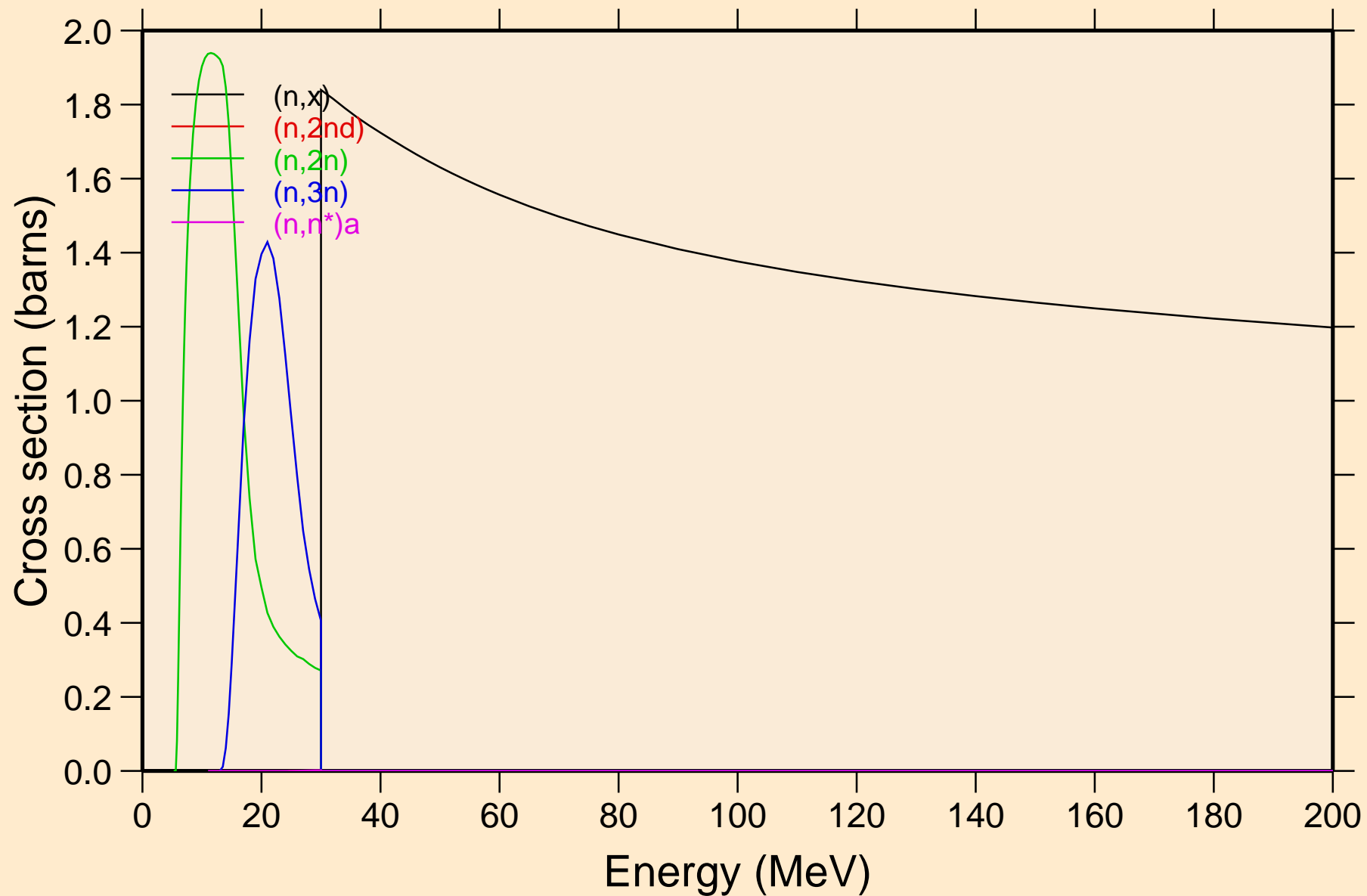
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Inelastic levels



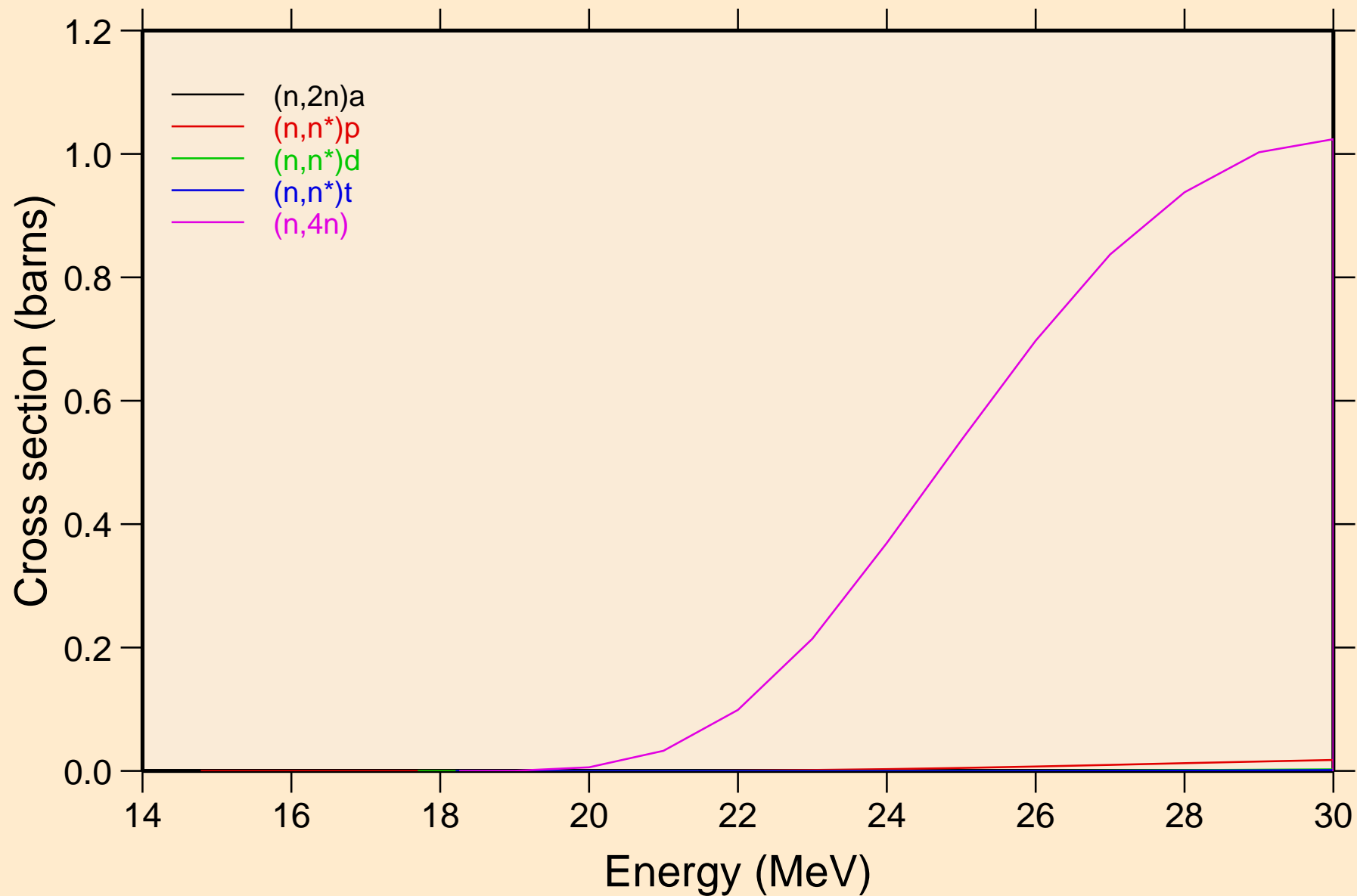
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions



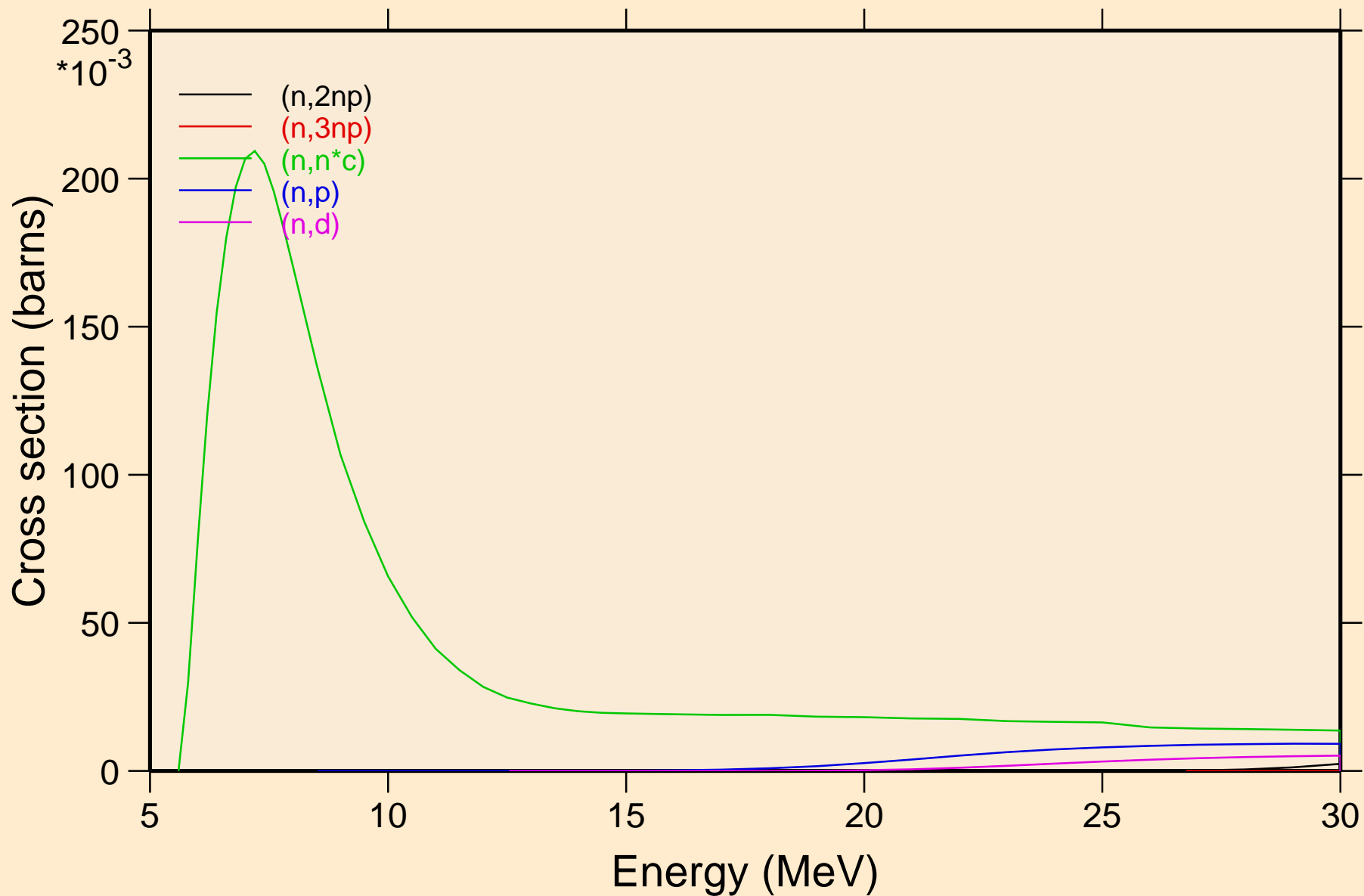
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

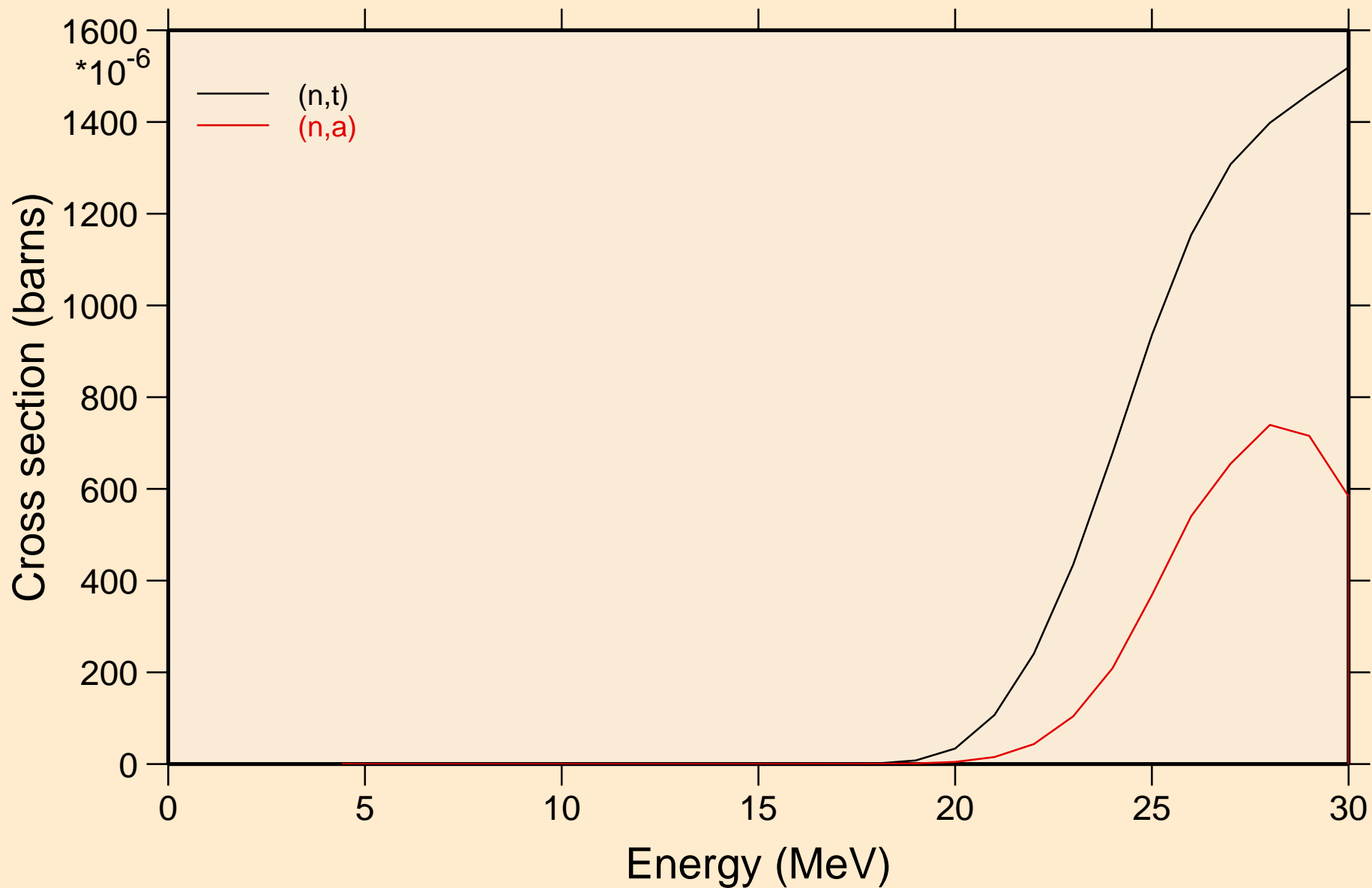


SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

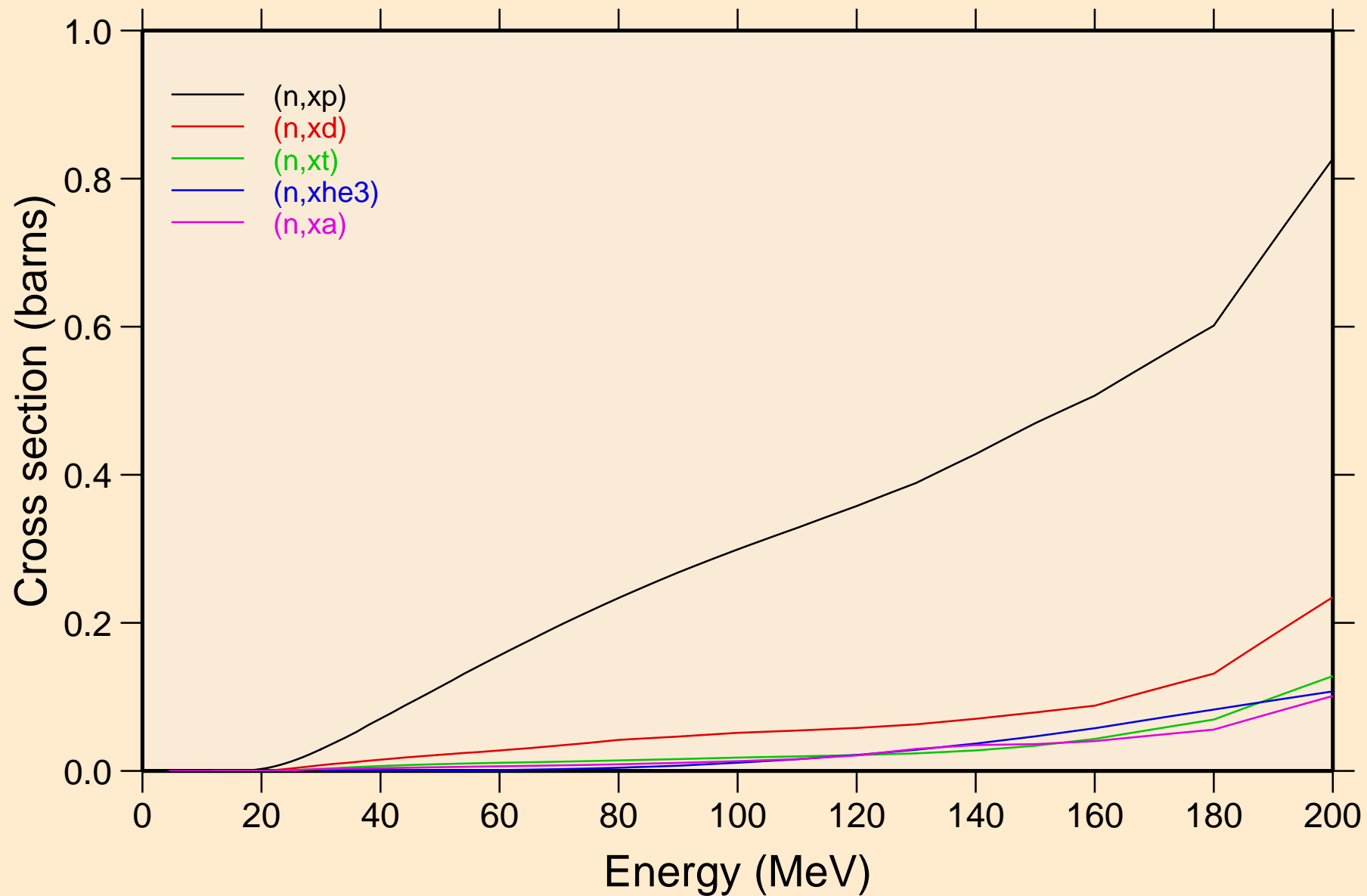
Threshold reactions



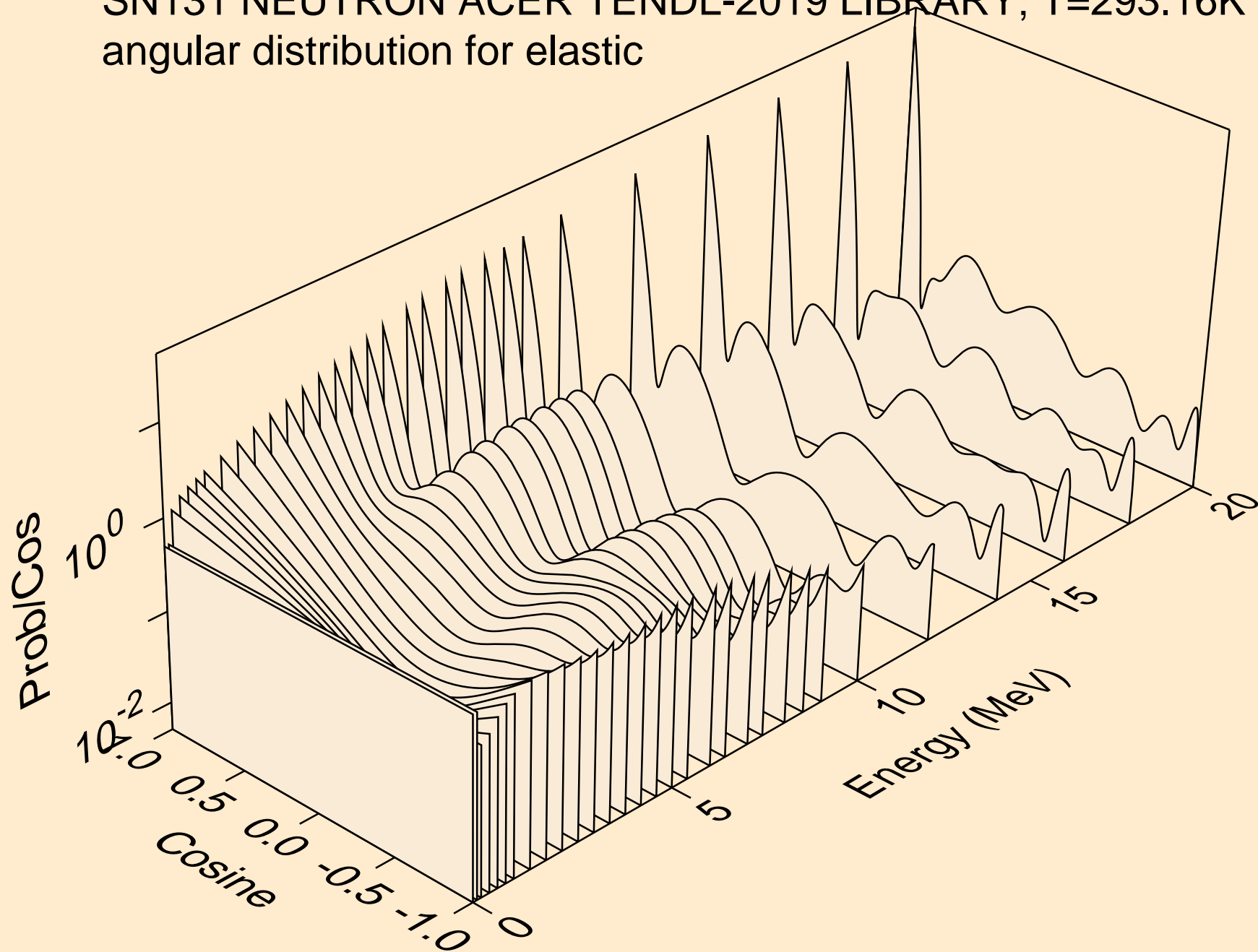
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



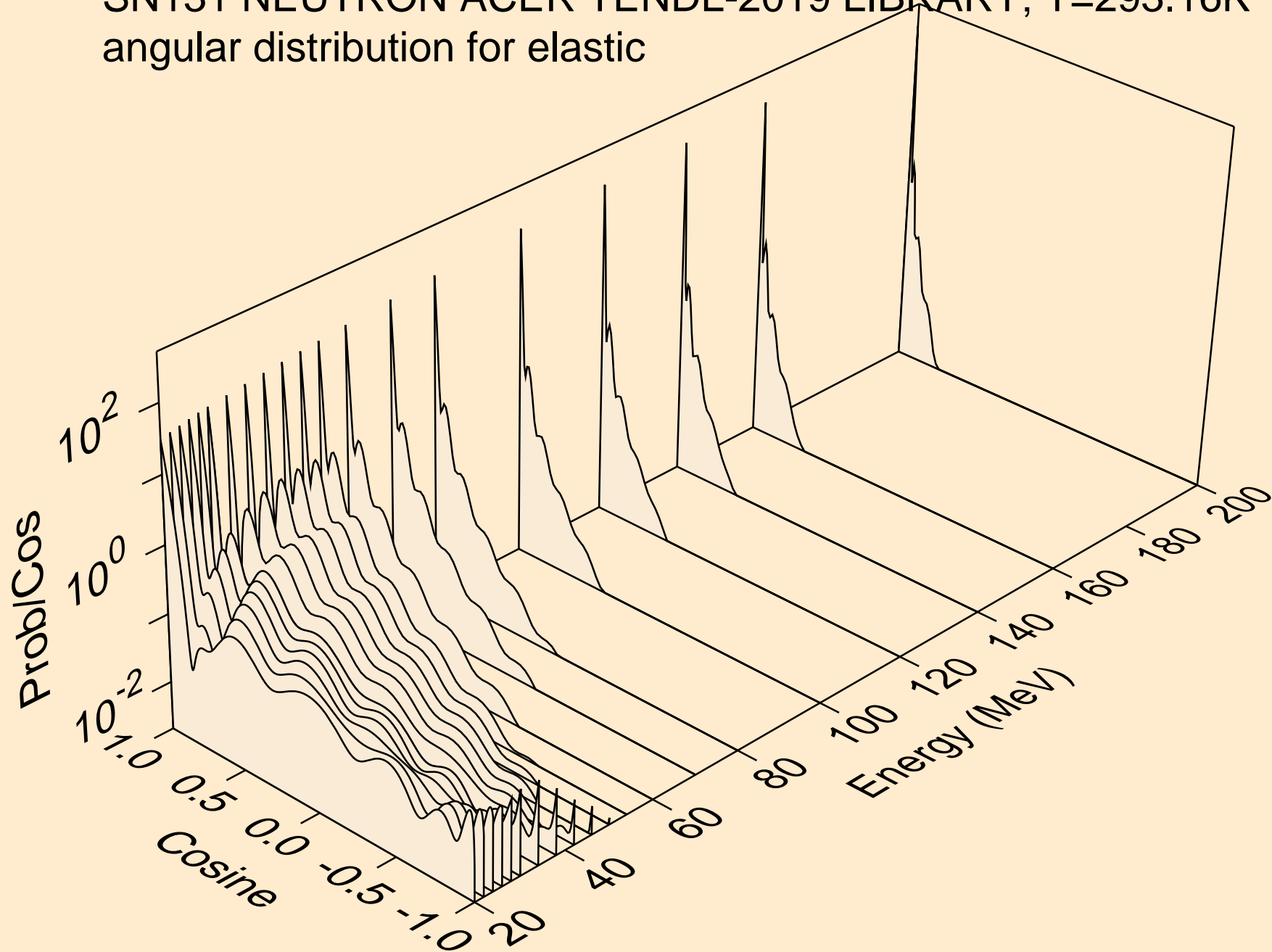
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



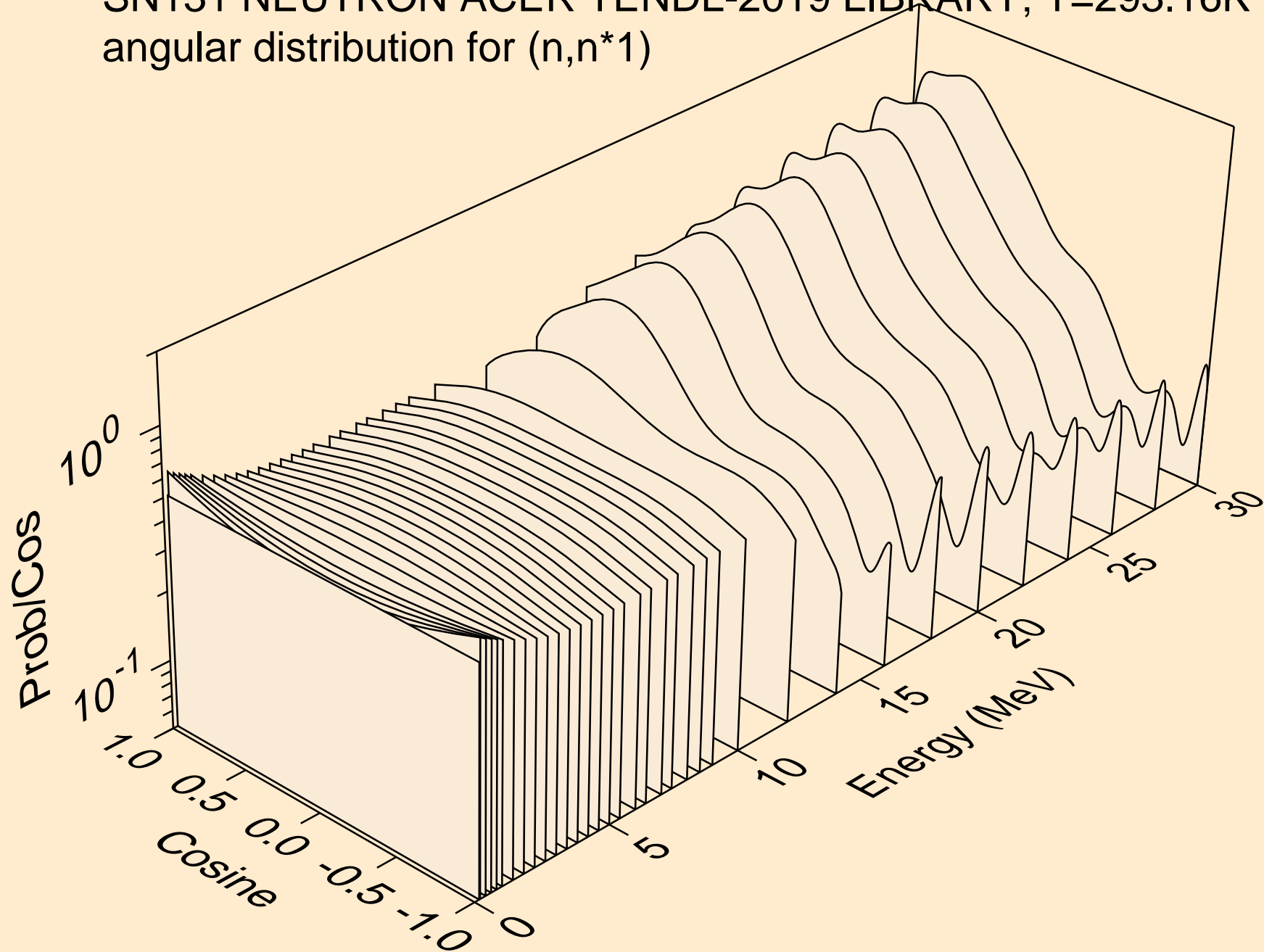
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



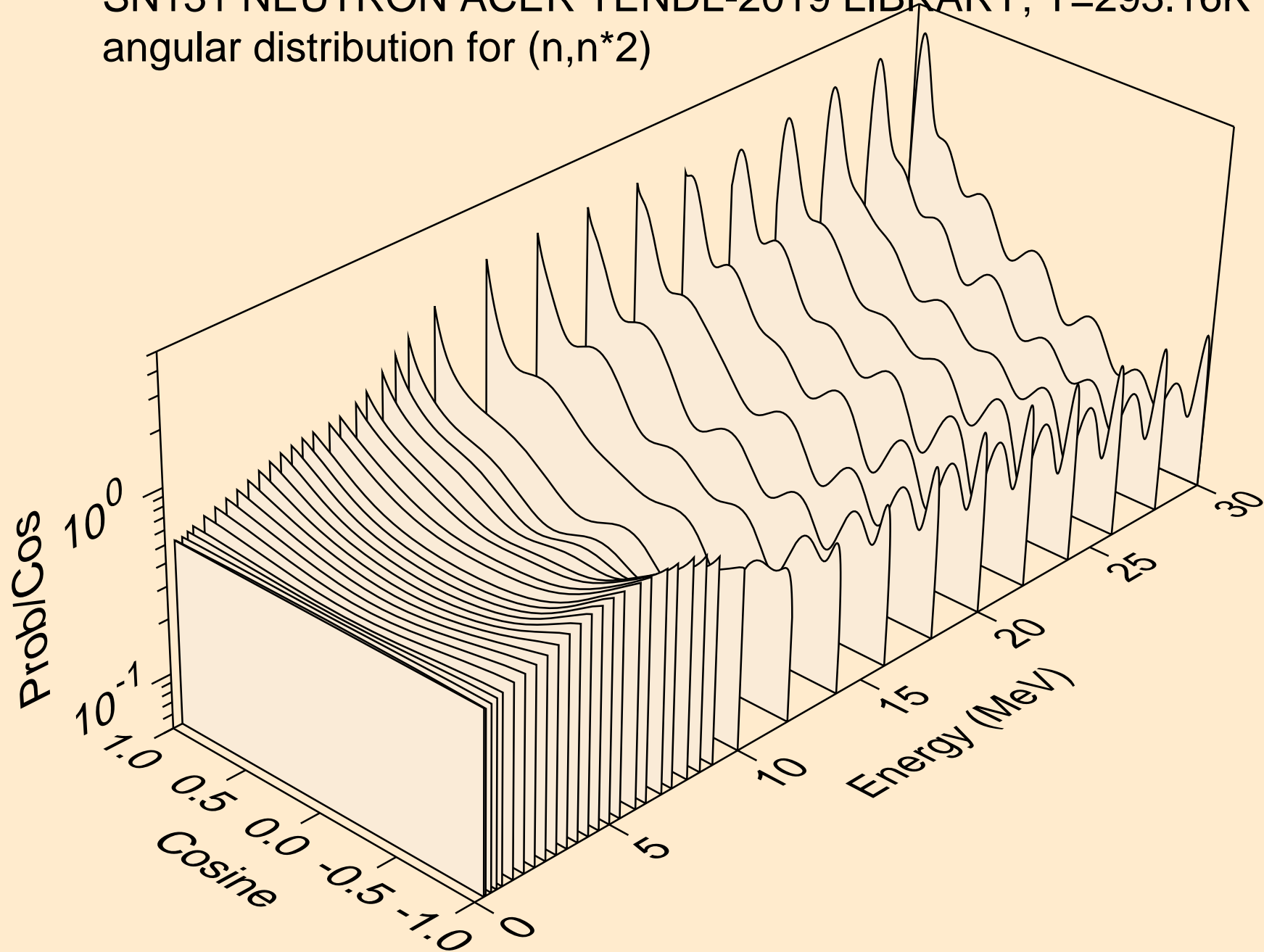
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



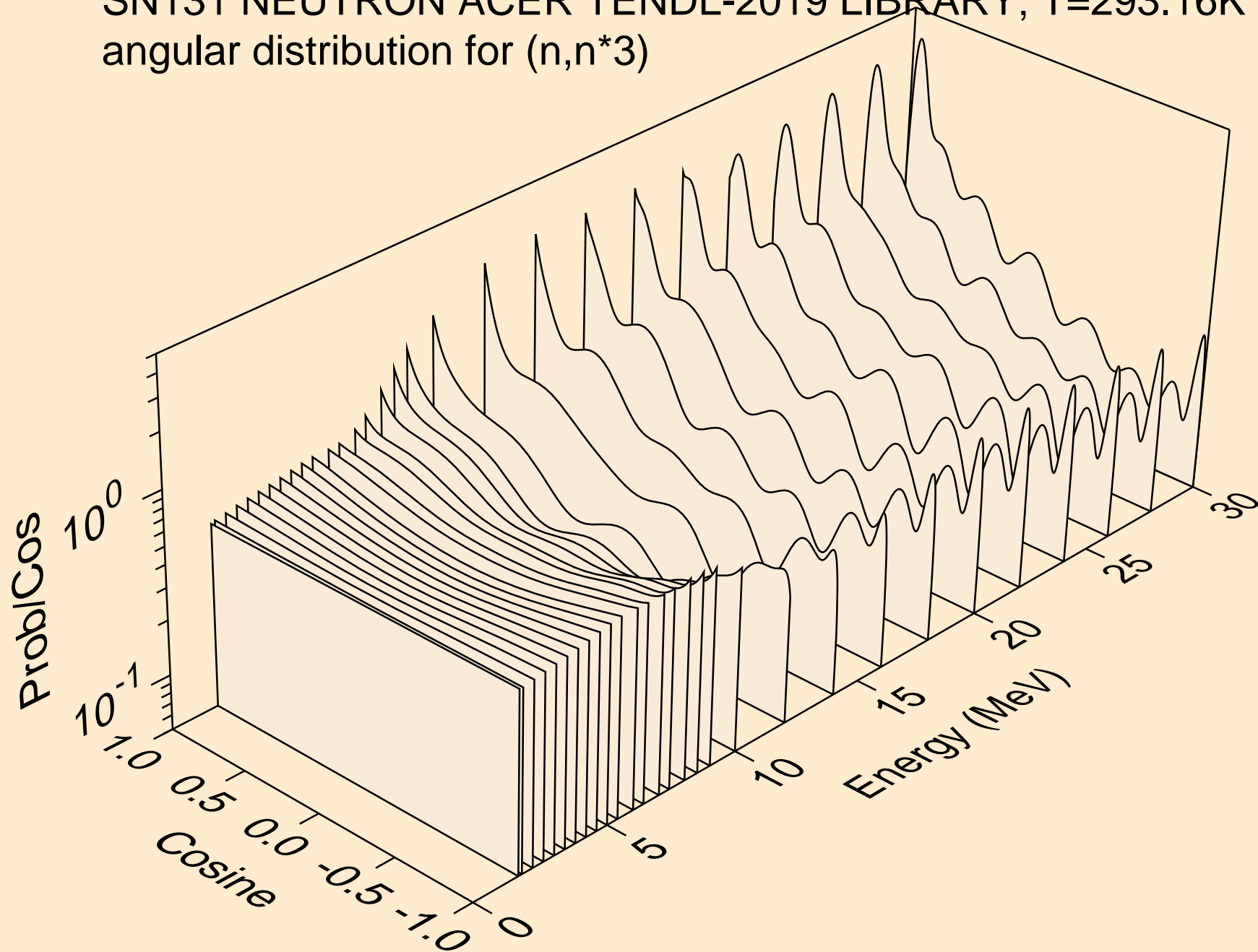
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



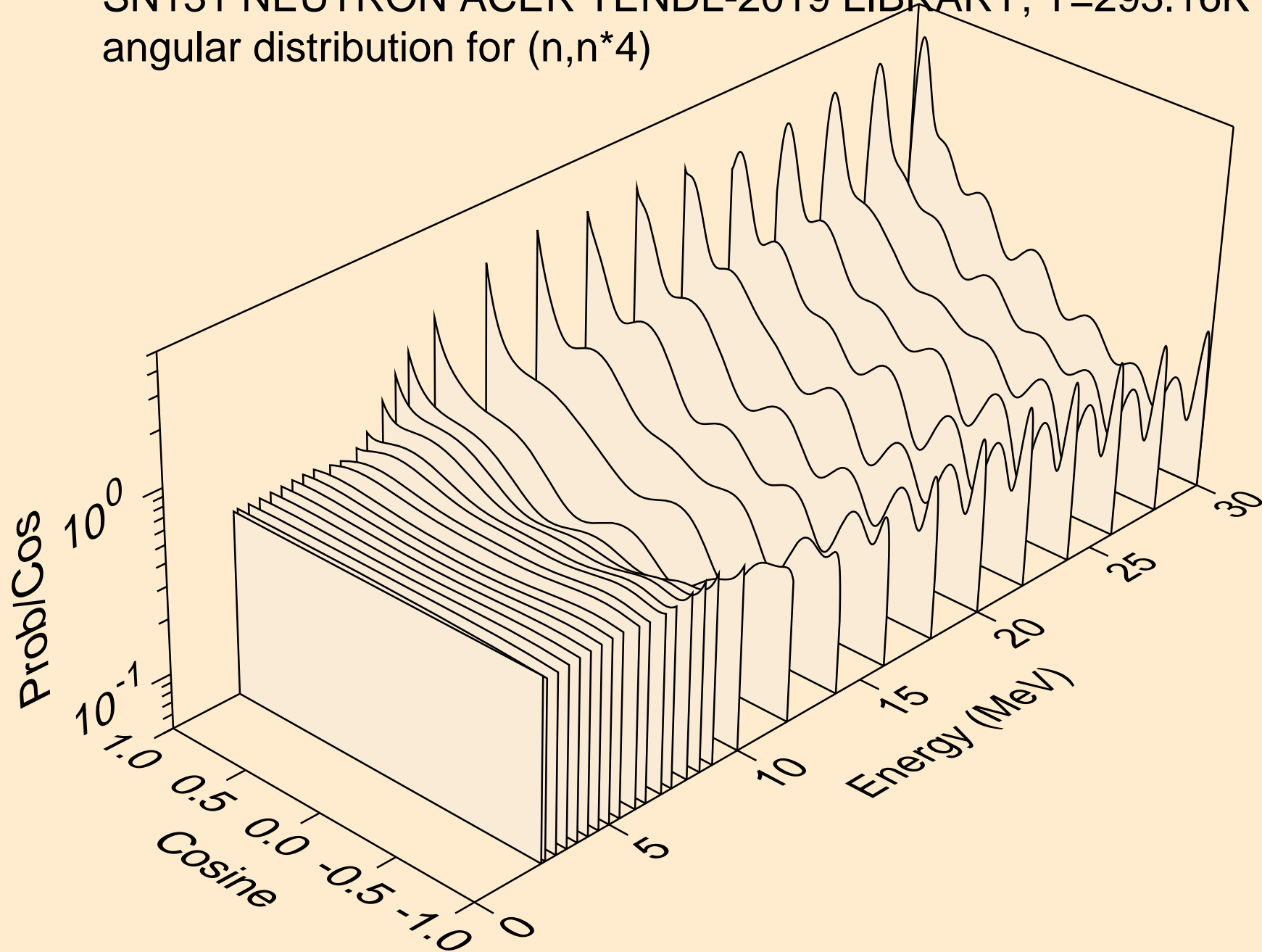
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



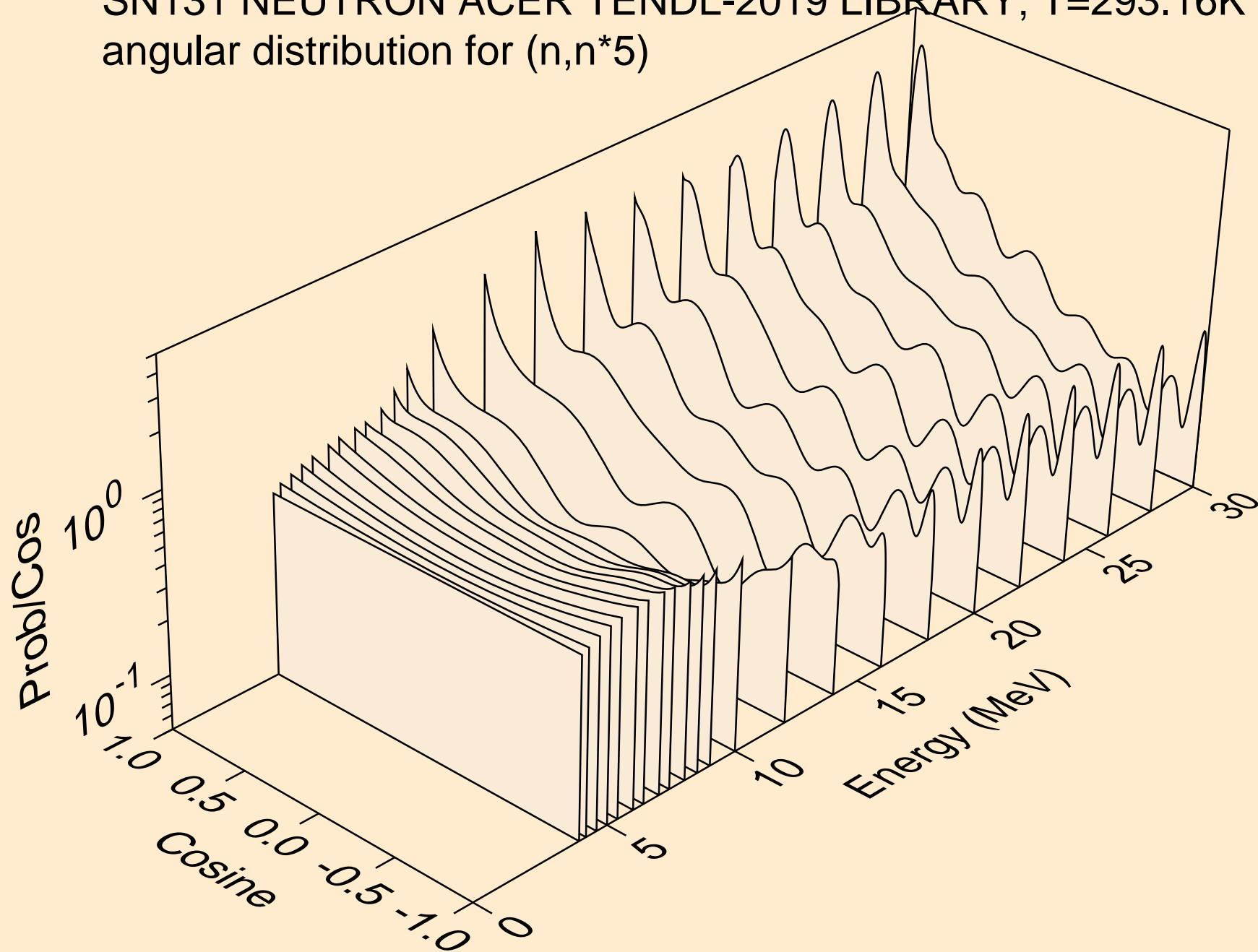
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



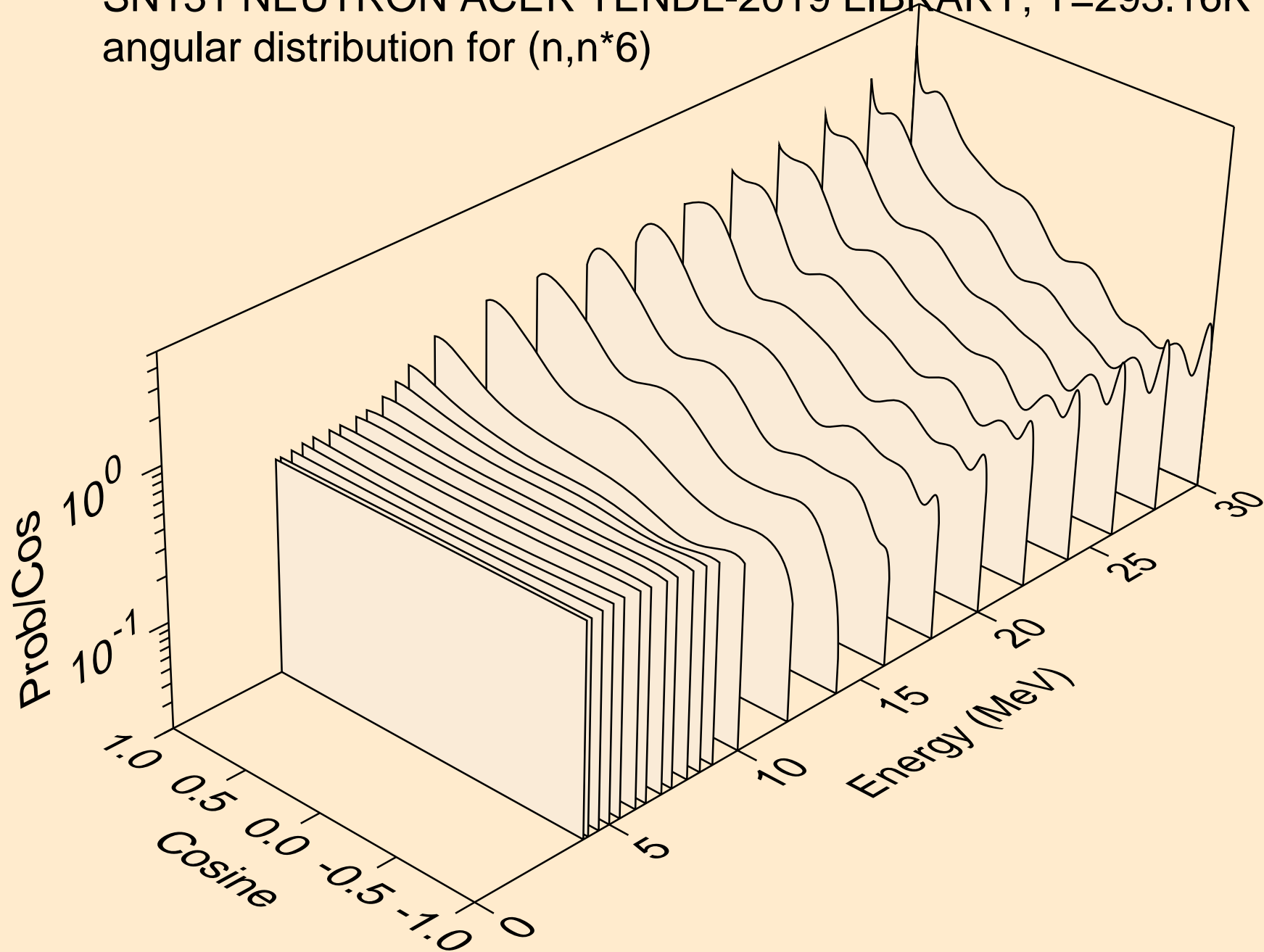
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angular distribution for (n,n*4)



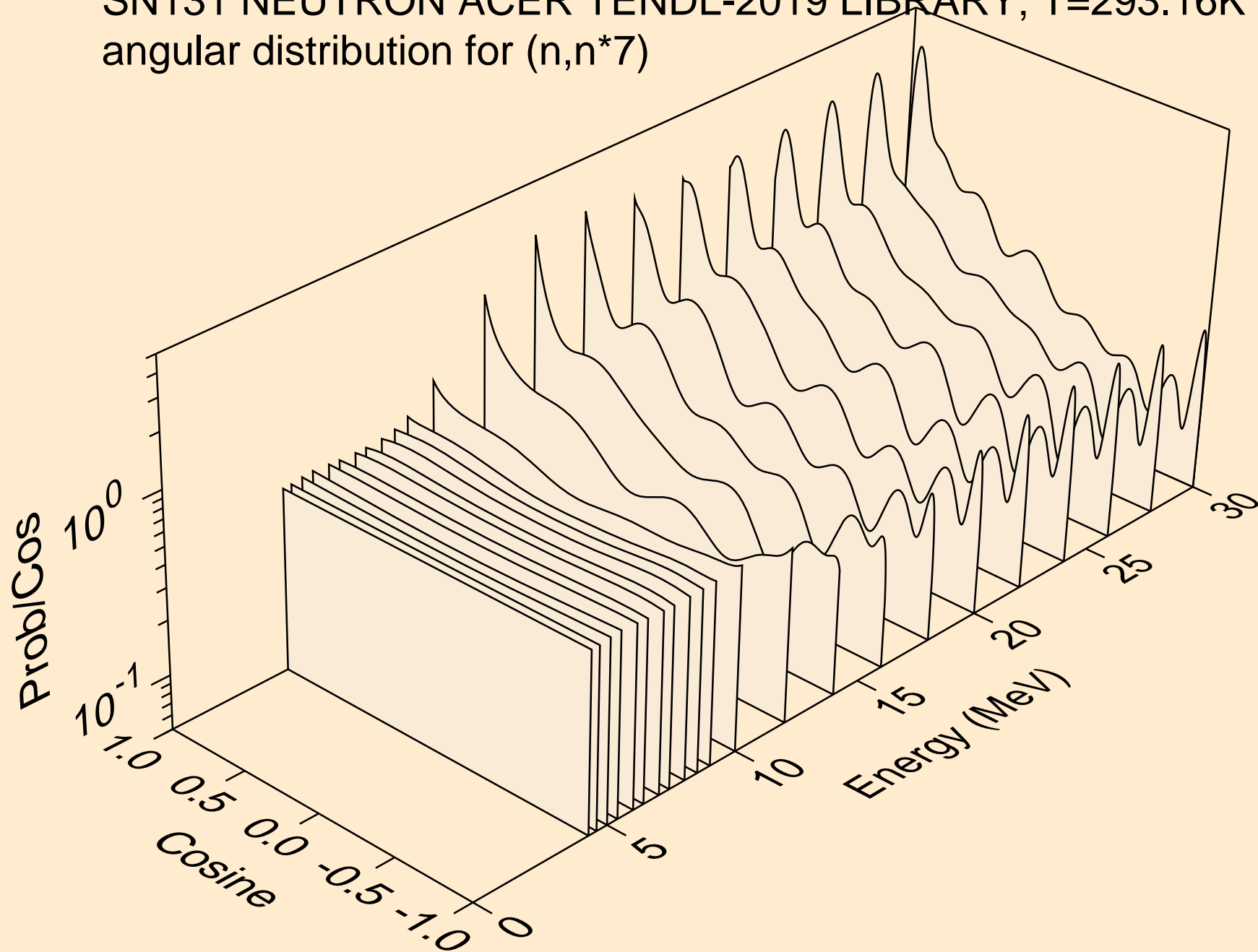
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angular distribution for (n,n*5)



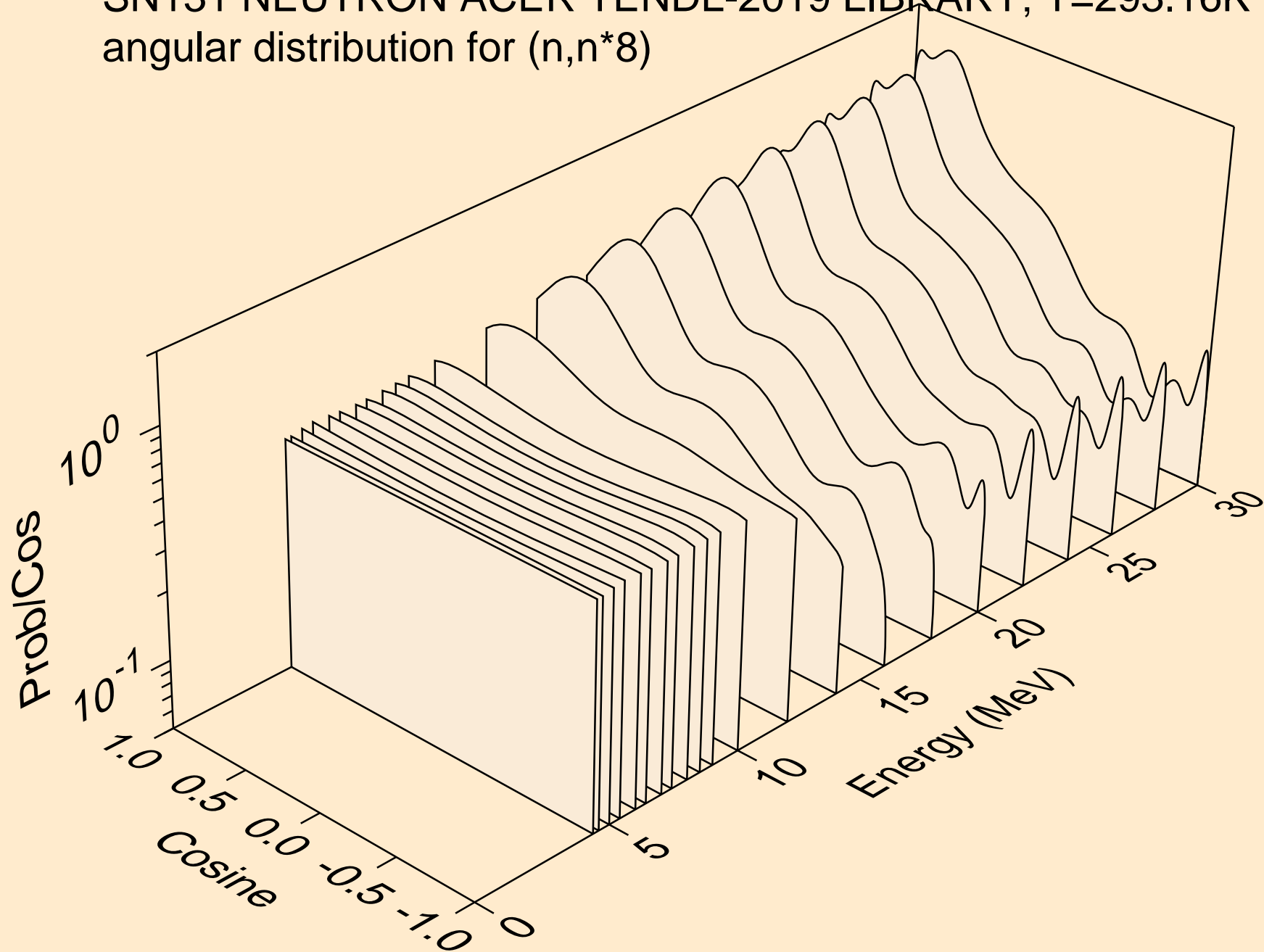
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



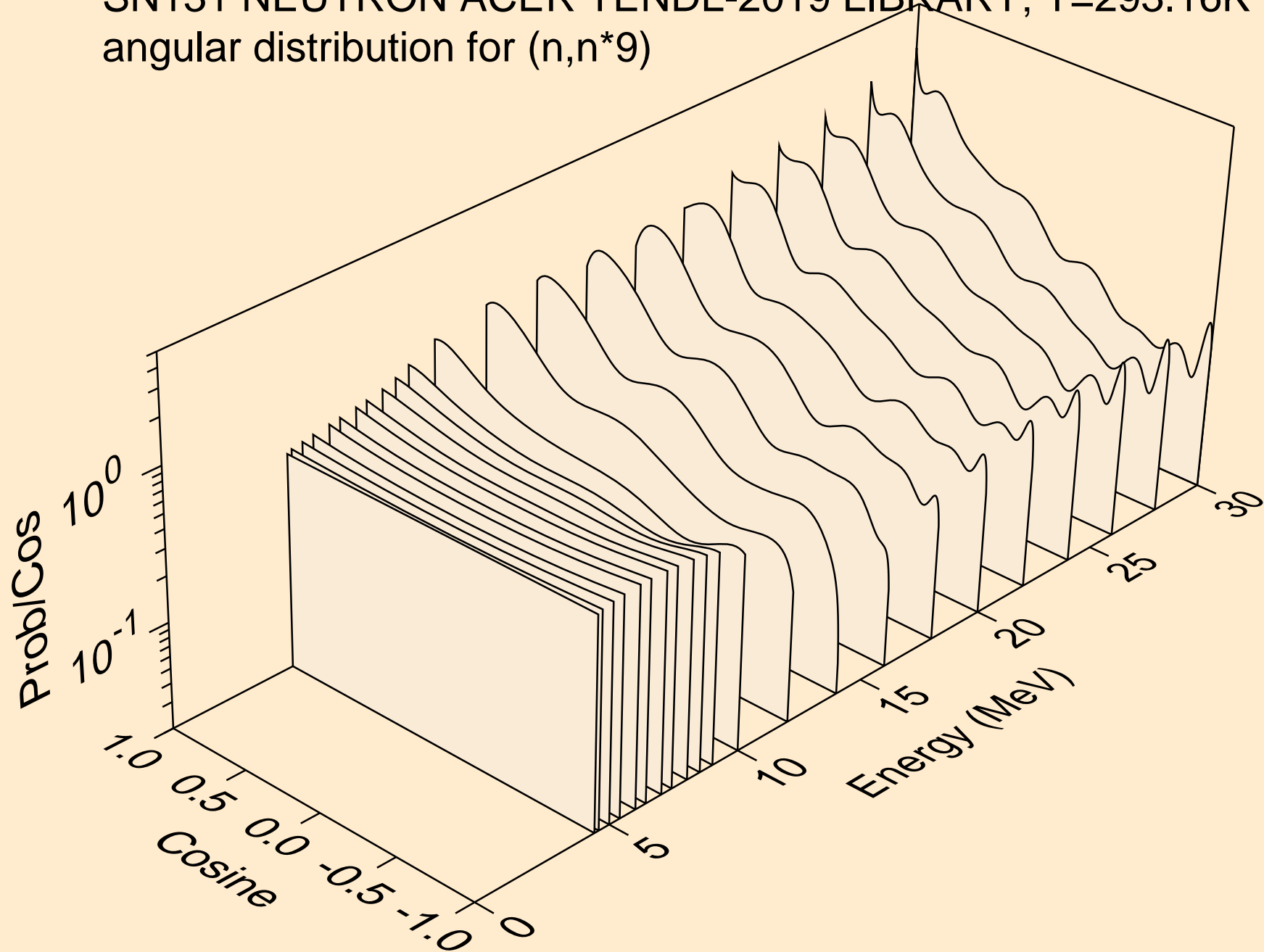
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



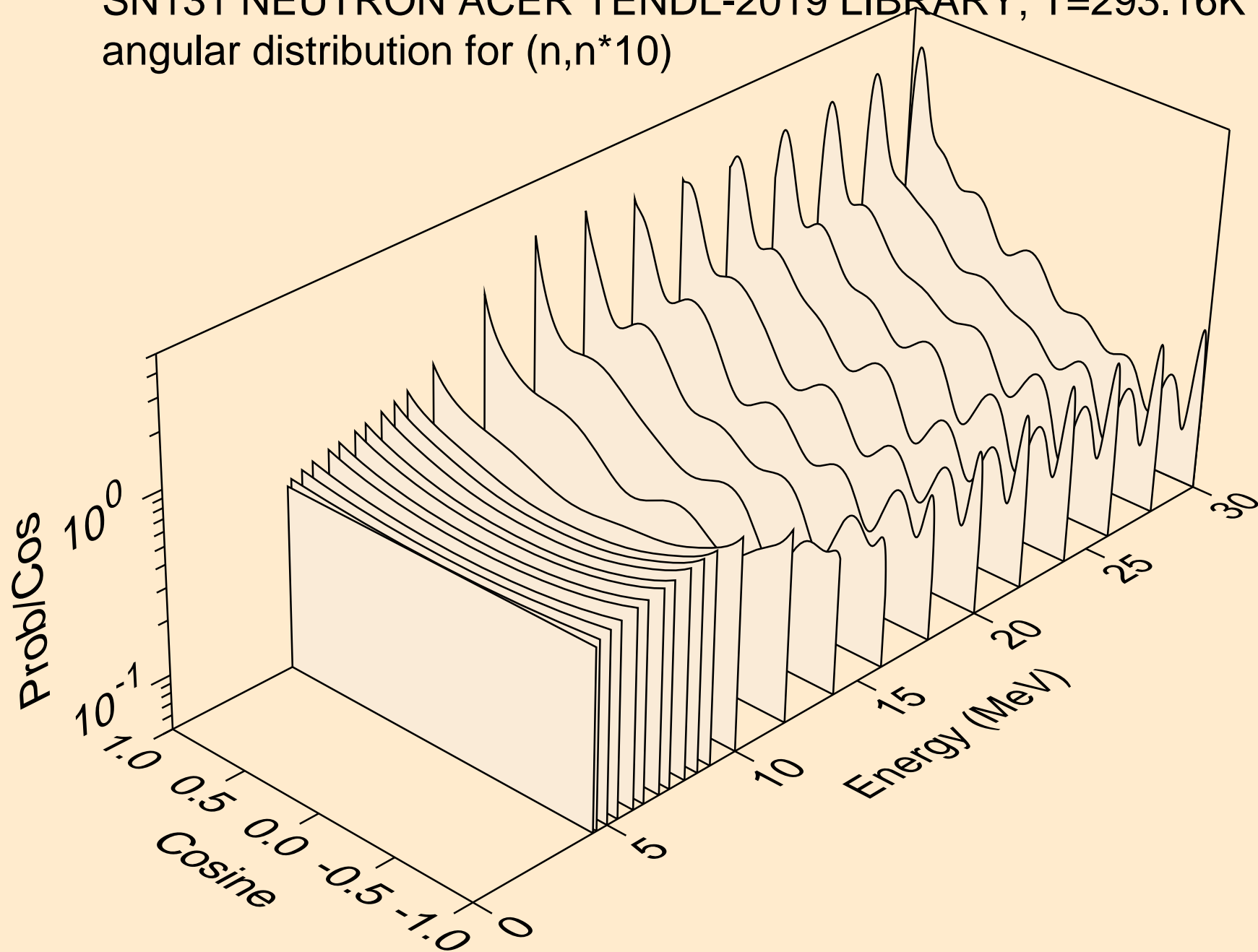
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angular distribution for (n,n*8)



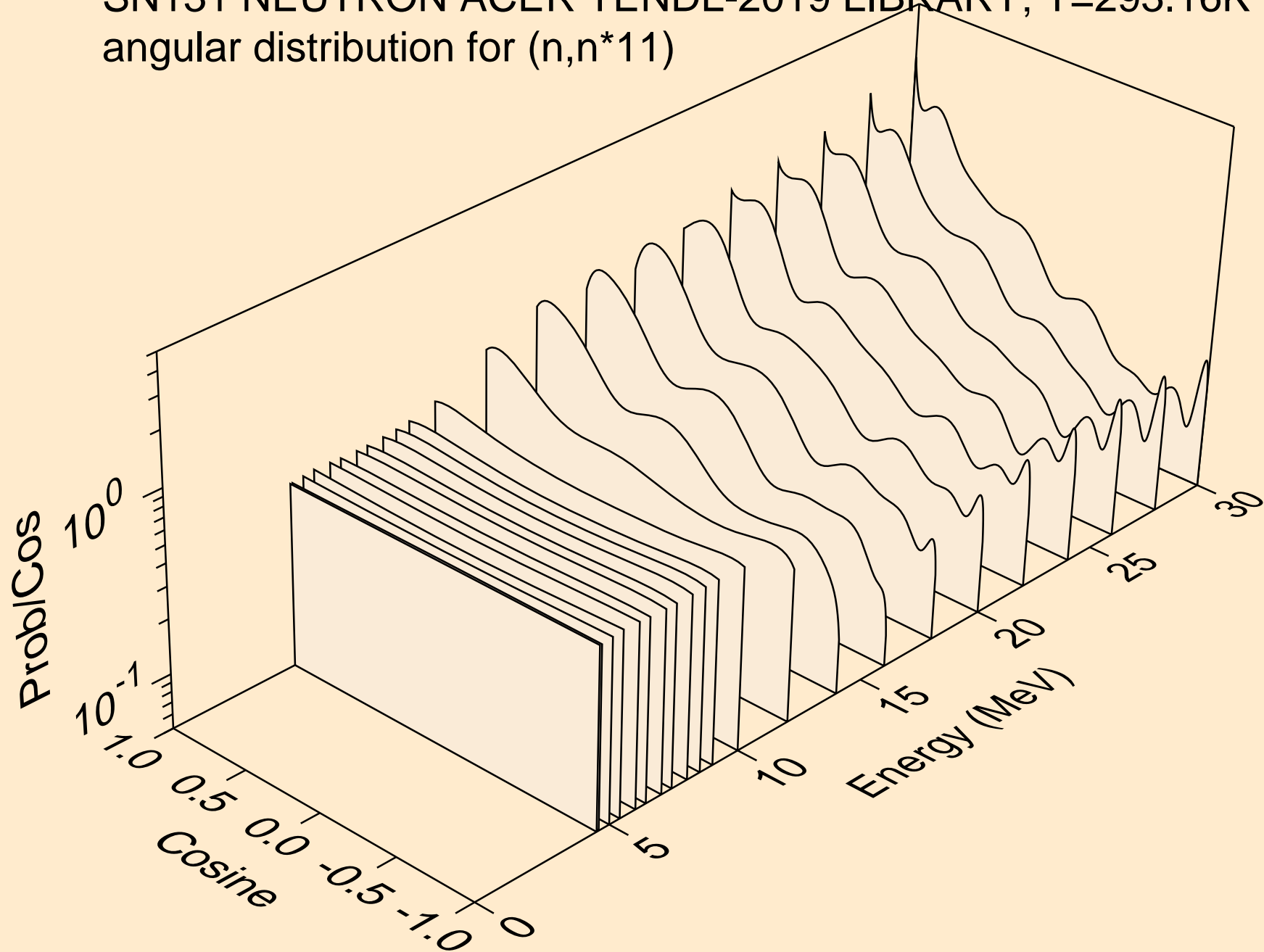
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angular distribution for (n,n*9)



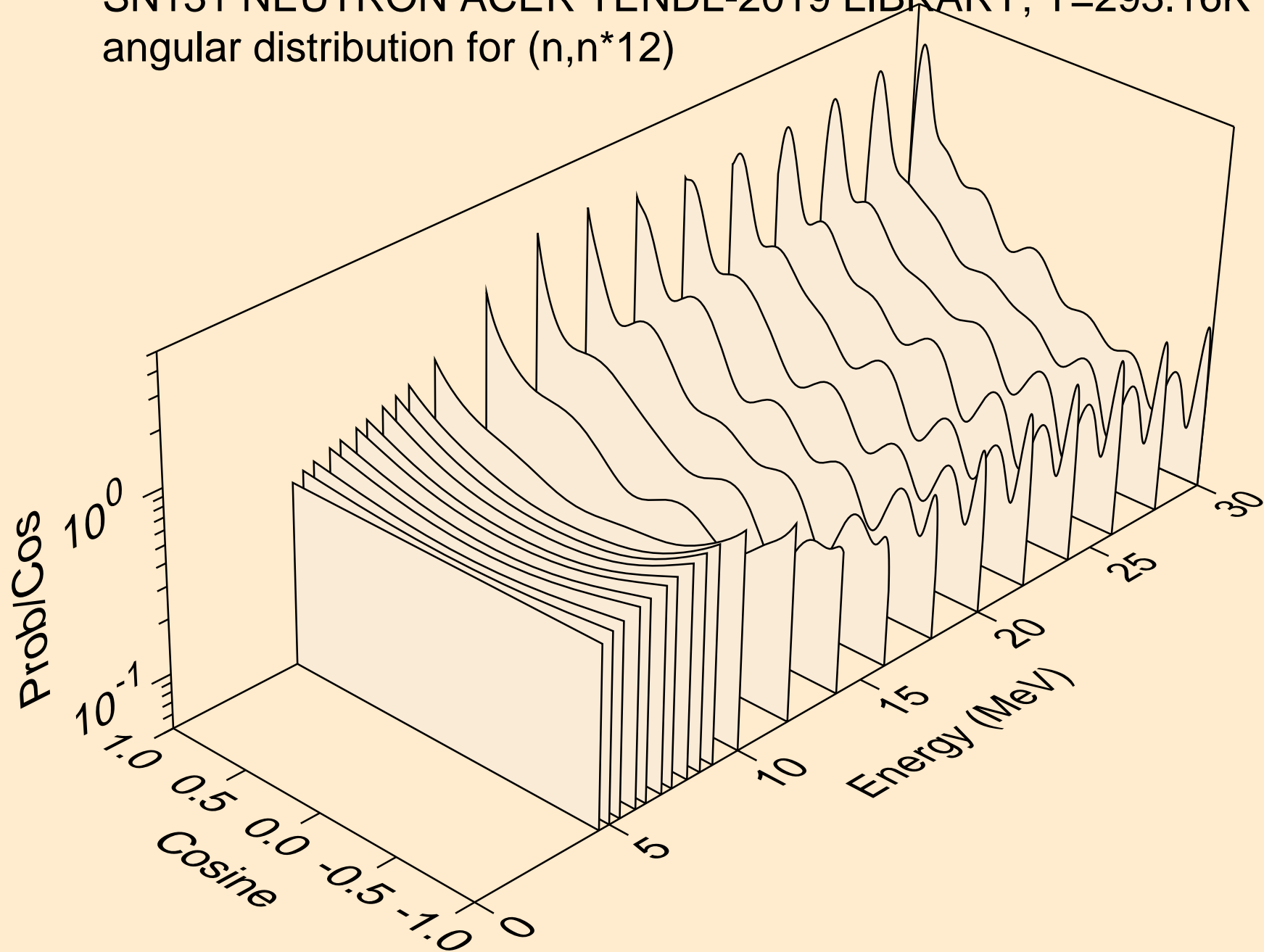
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angular distribution for (n,n*10)



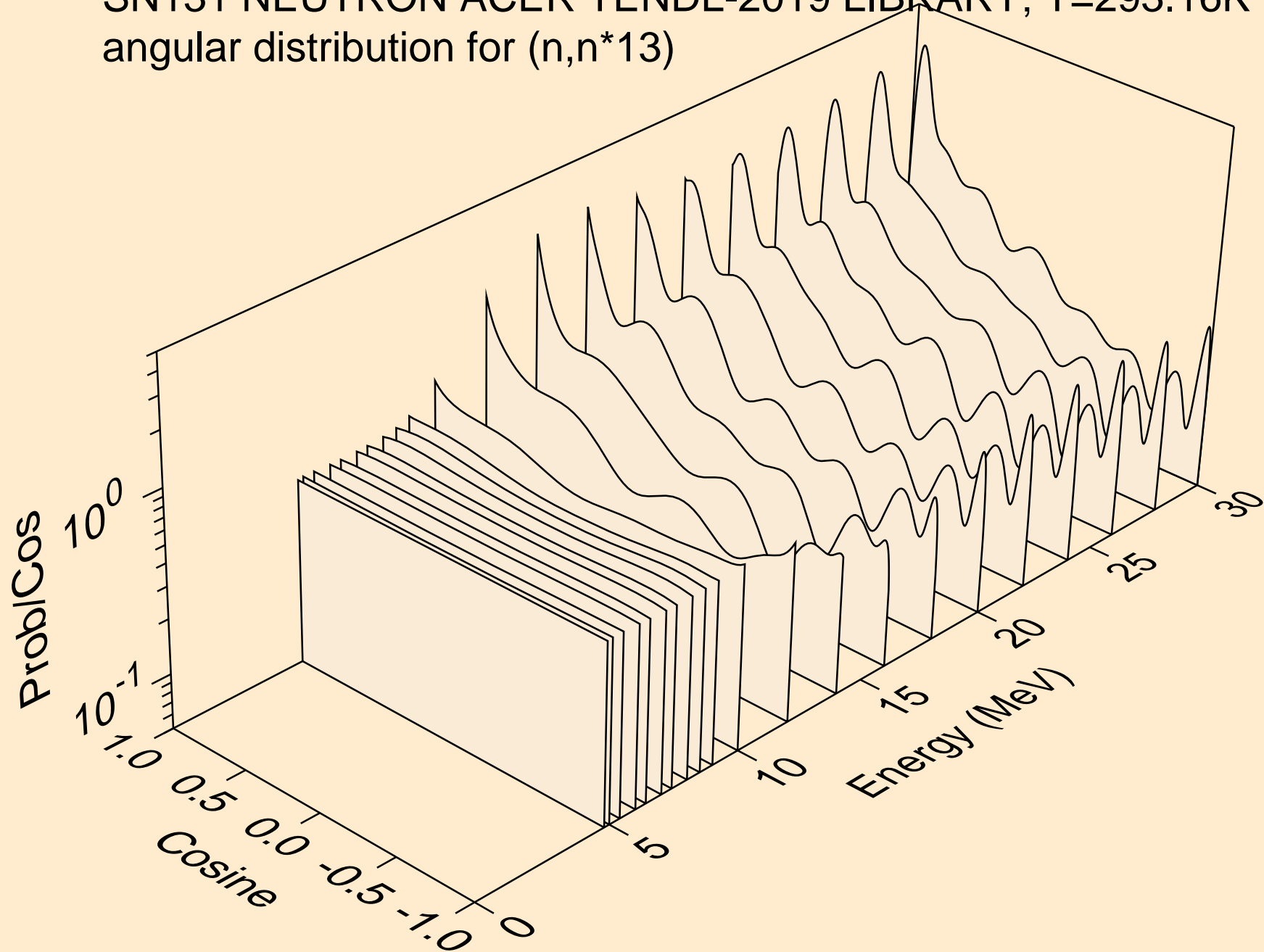
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



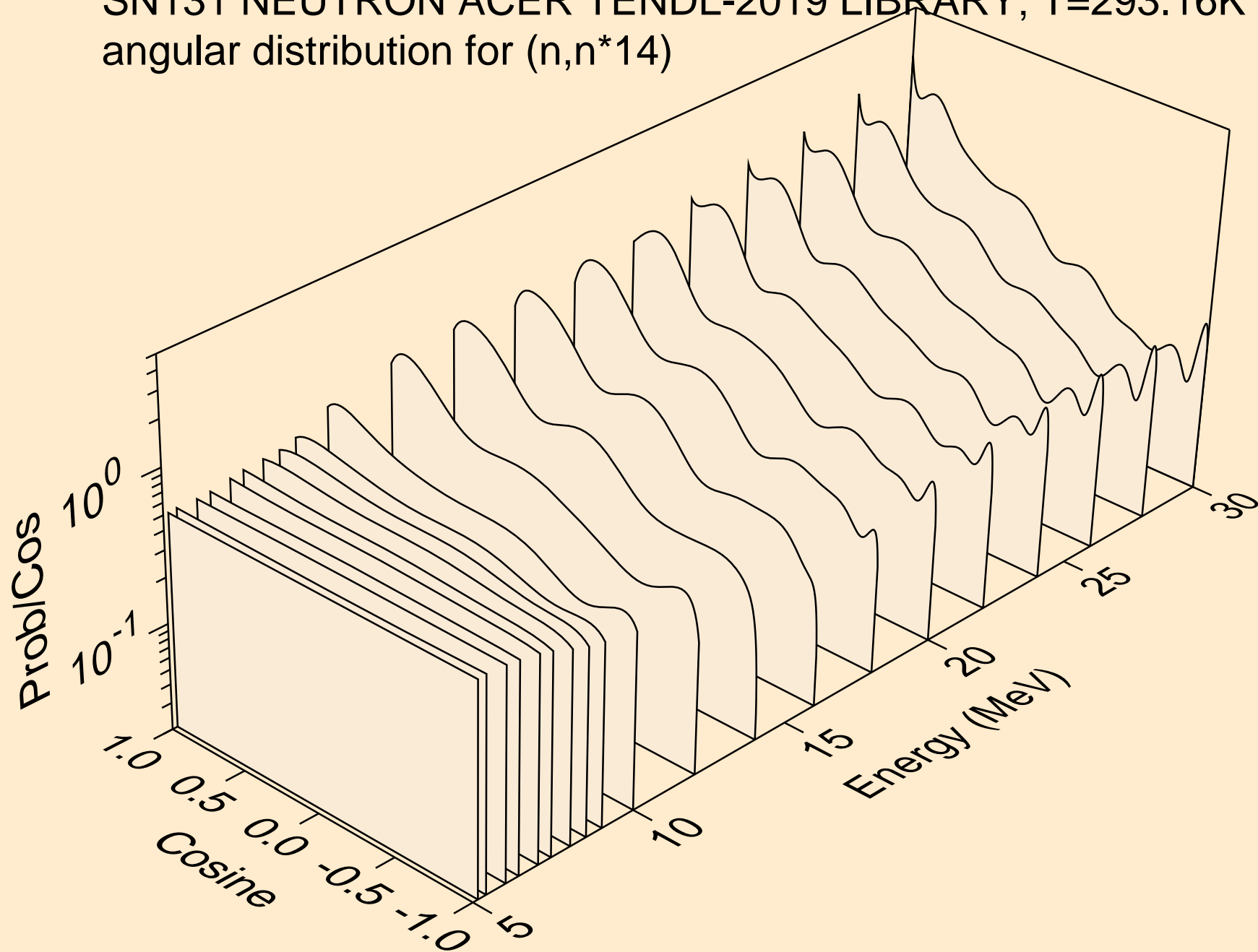
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angular distribution for (n,n*12)



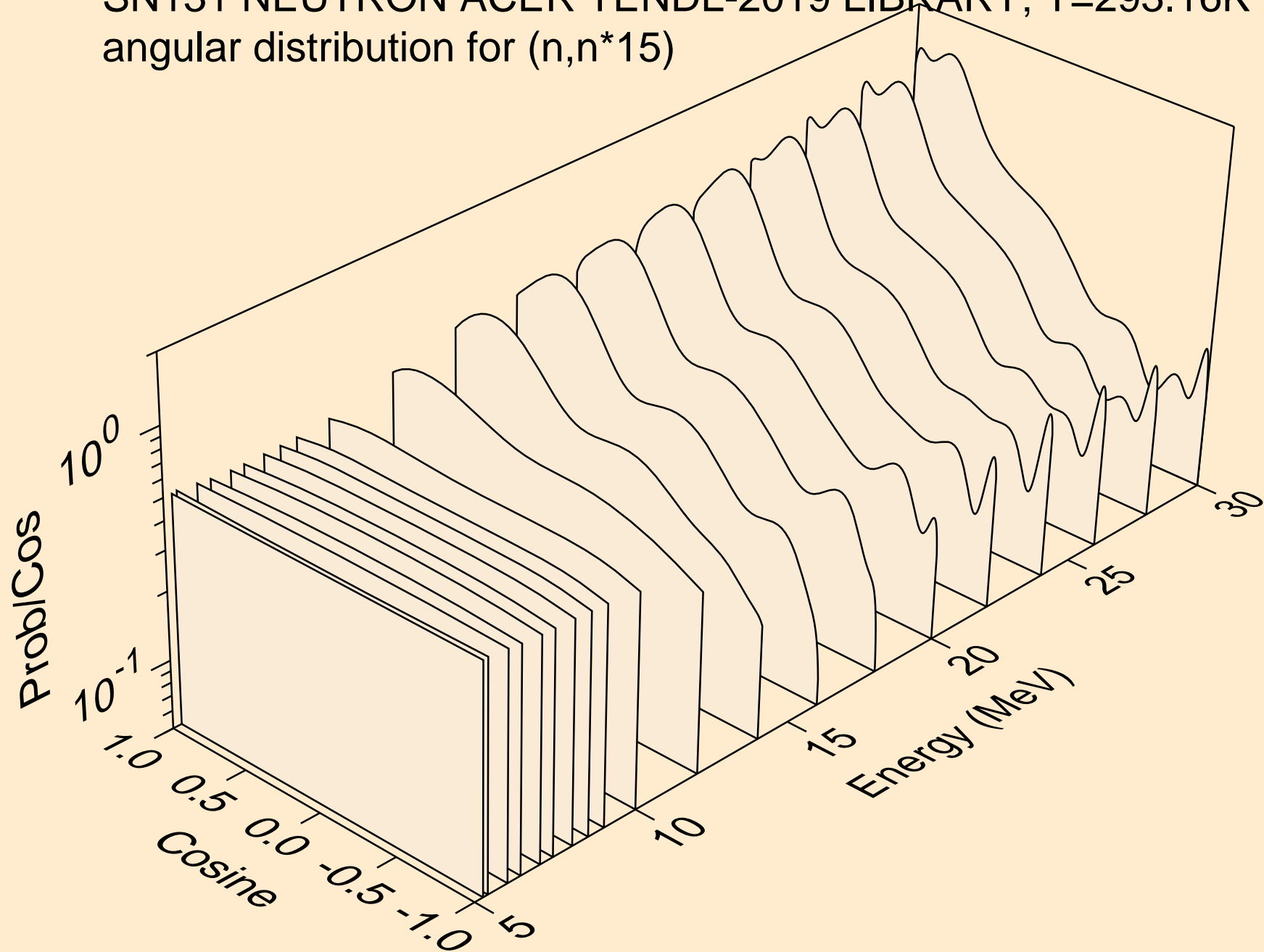
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angular distribution for (n,n*13)



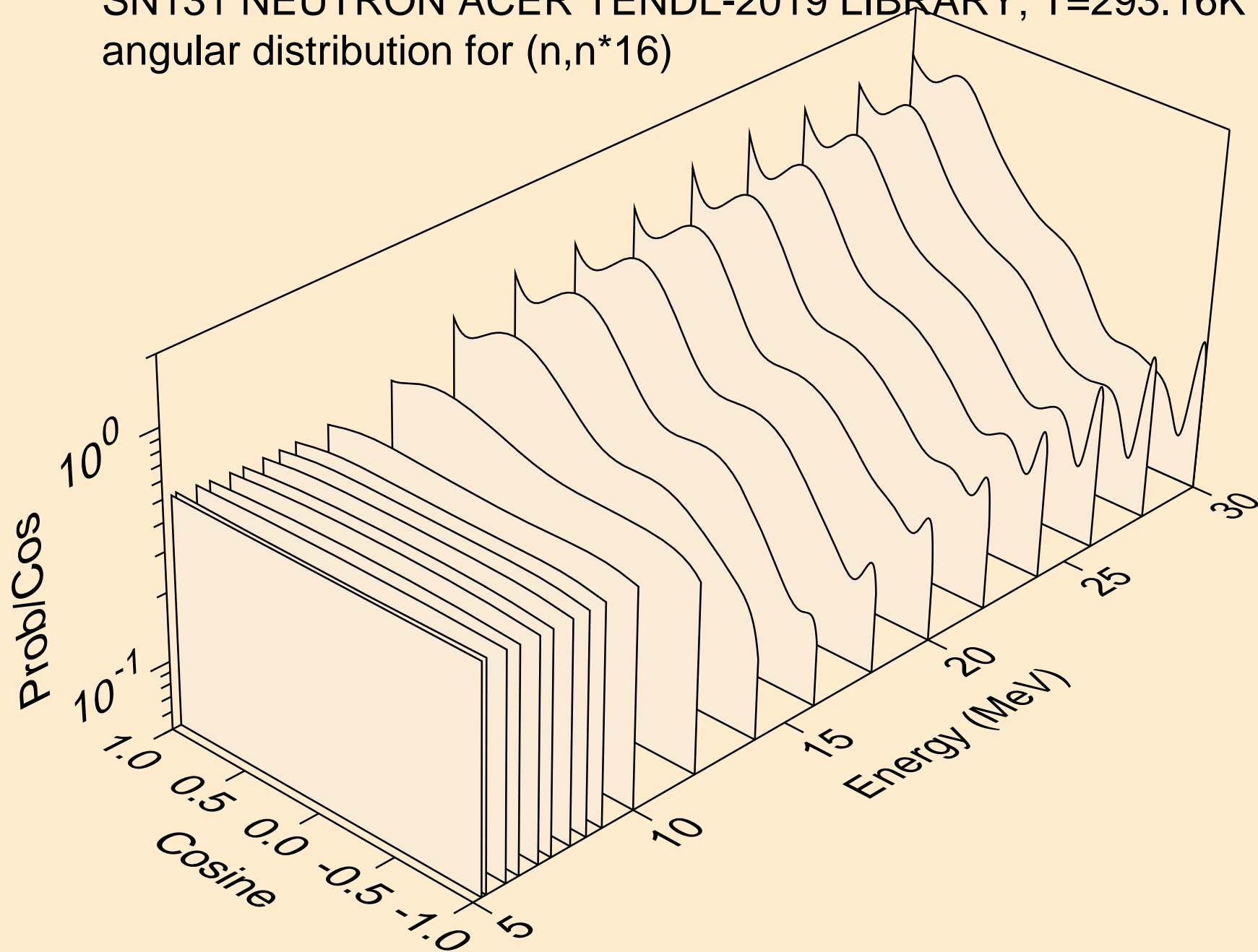
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angular distribution for (n,n*14)



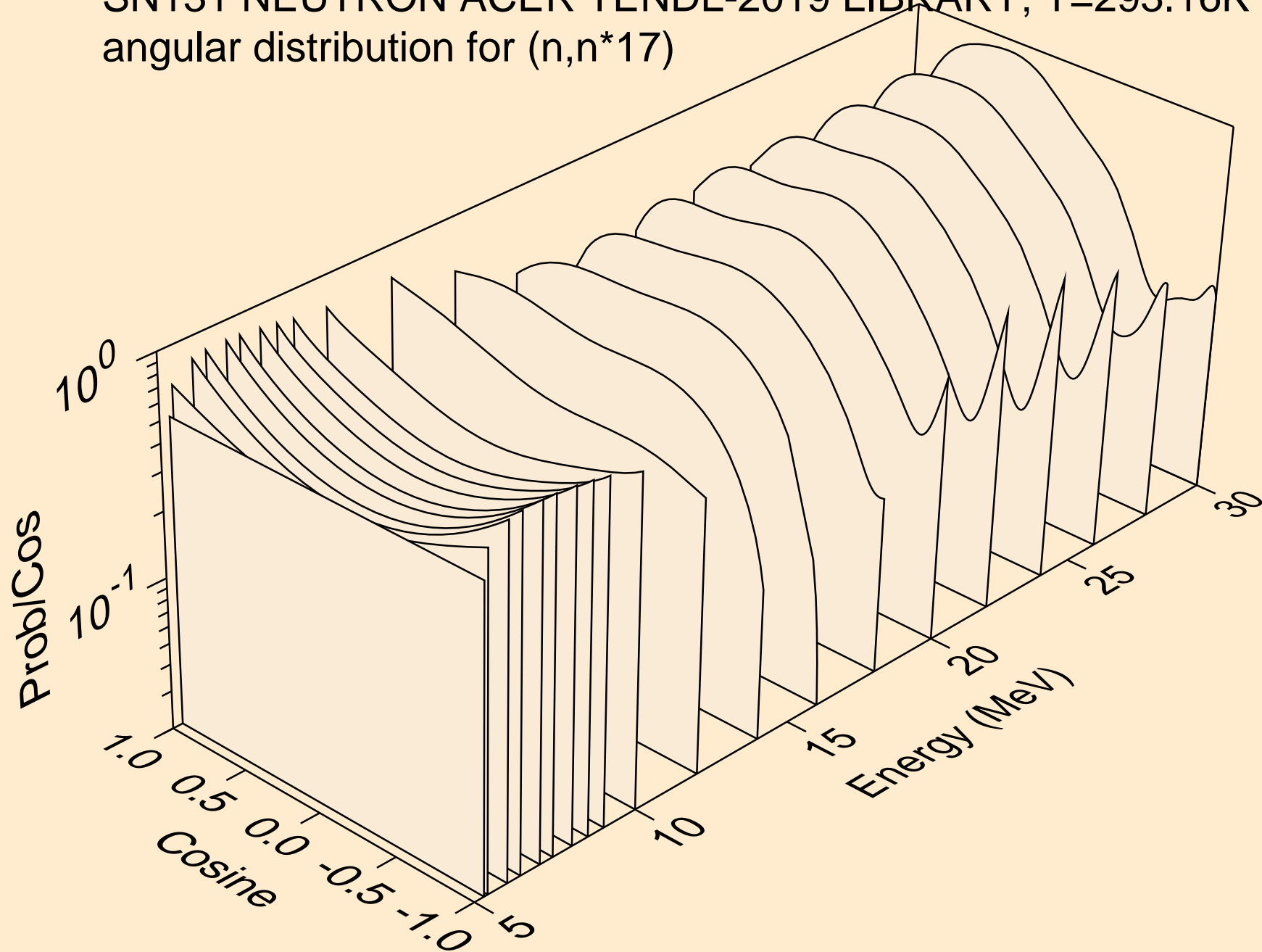
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angular distribution for (n,n*15)



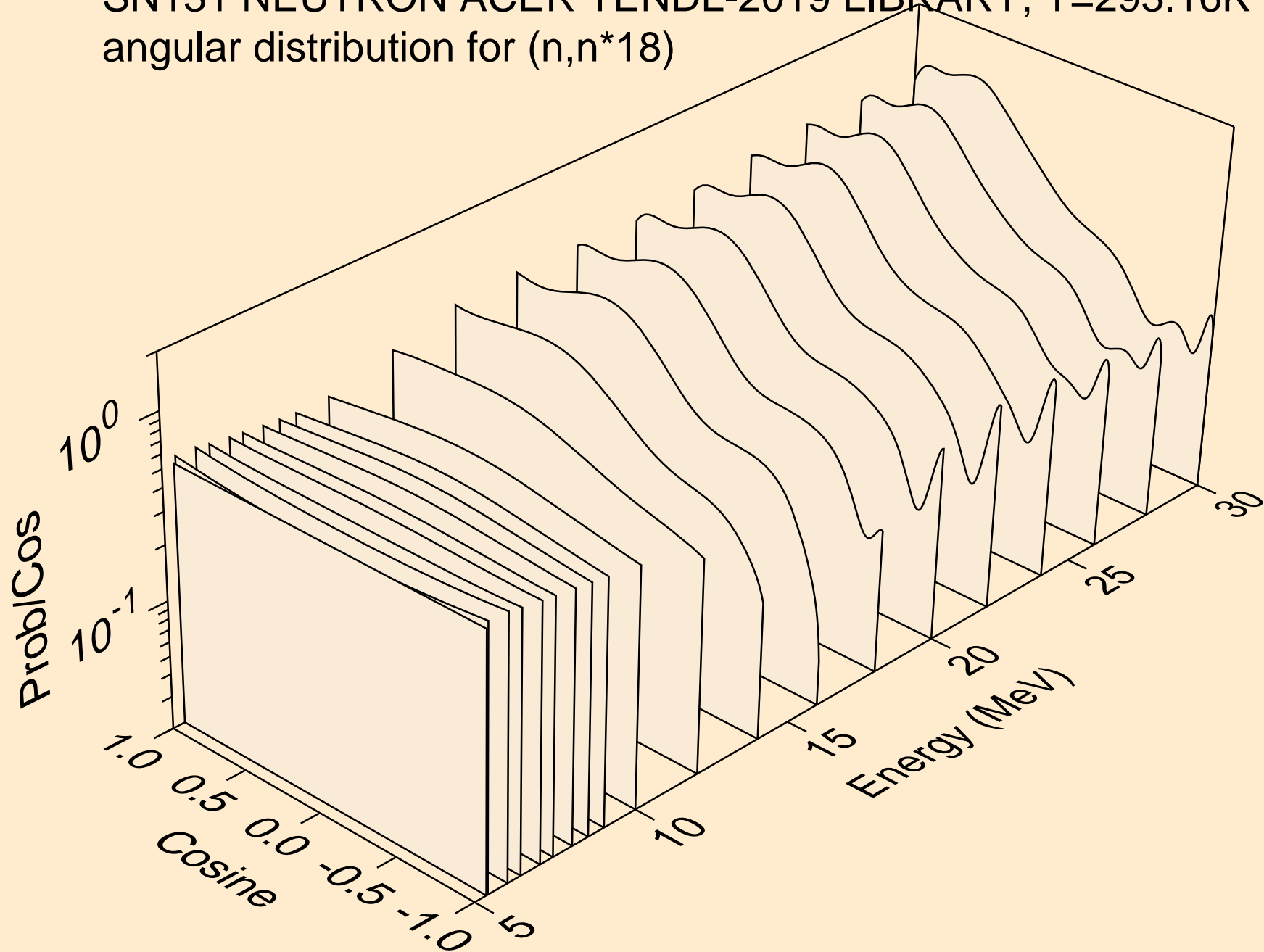
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angular distribution for (n,n*16)



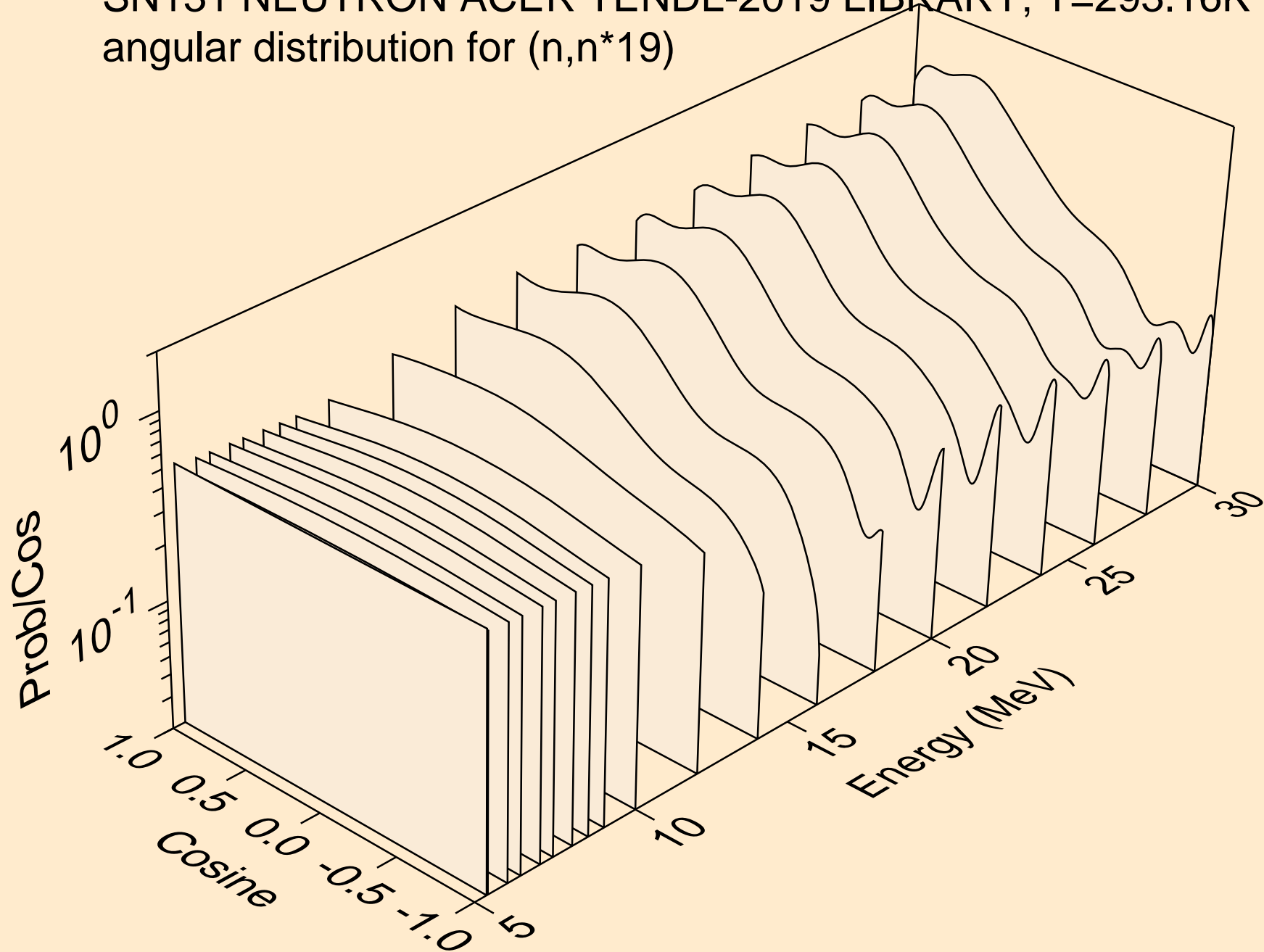
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angular distribution for (n,n*17)



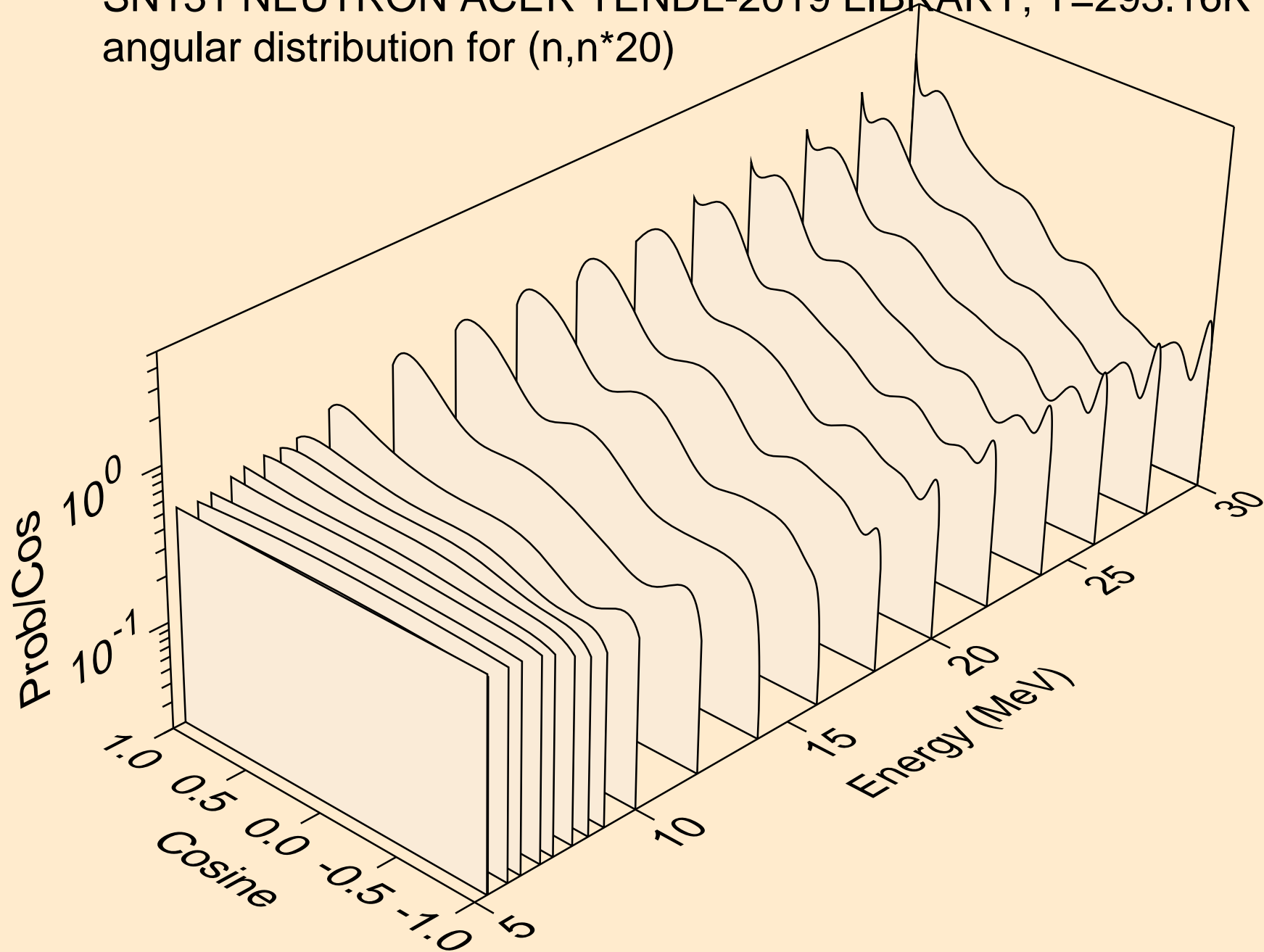
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angular distribution for (n,n*18)



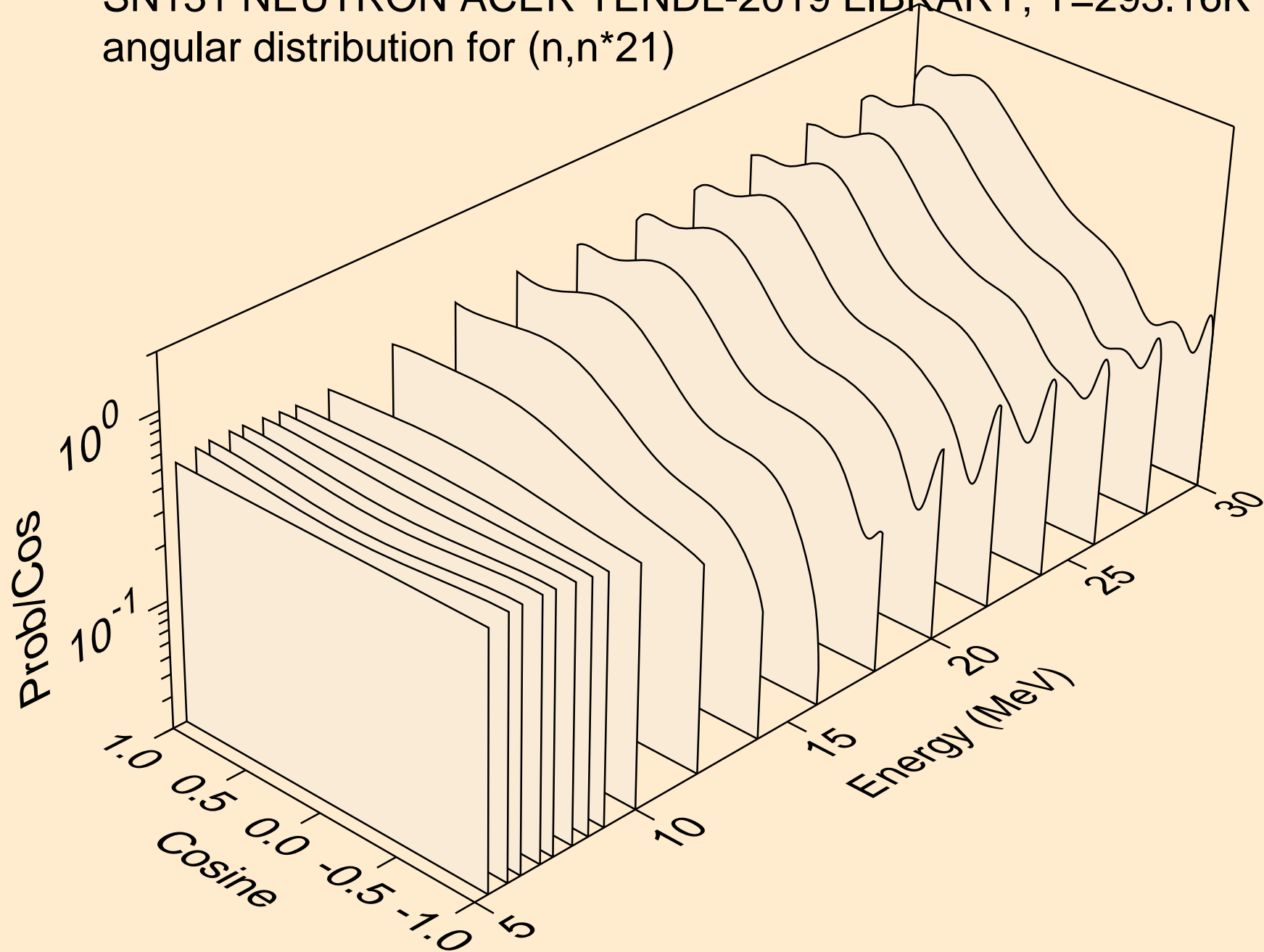
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angular distribution for (n,n*19)



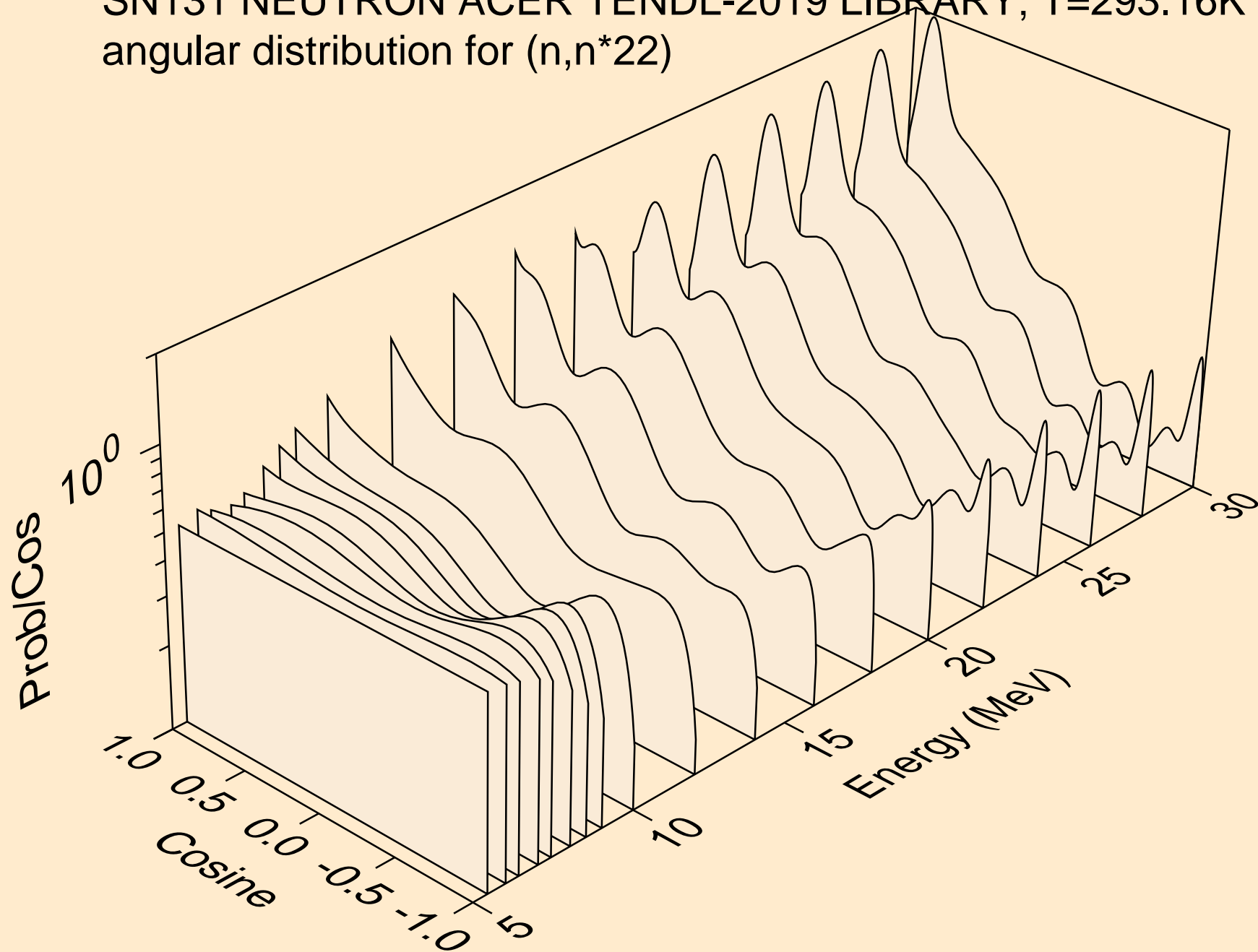
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angular distribution for (n,n*20)



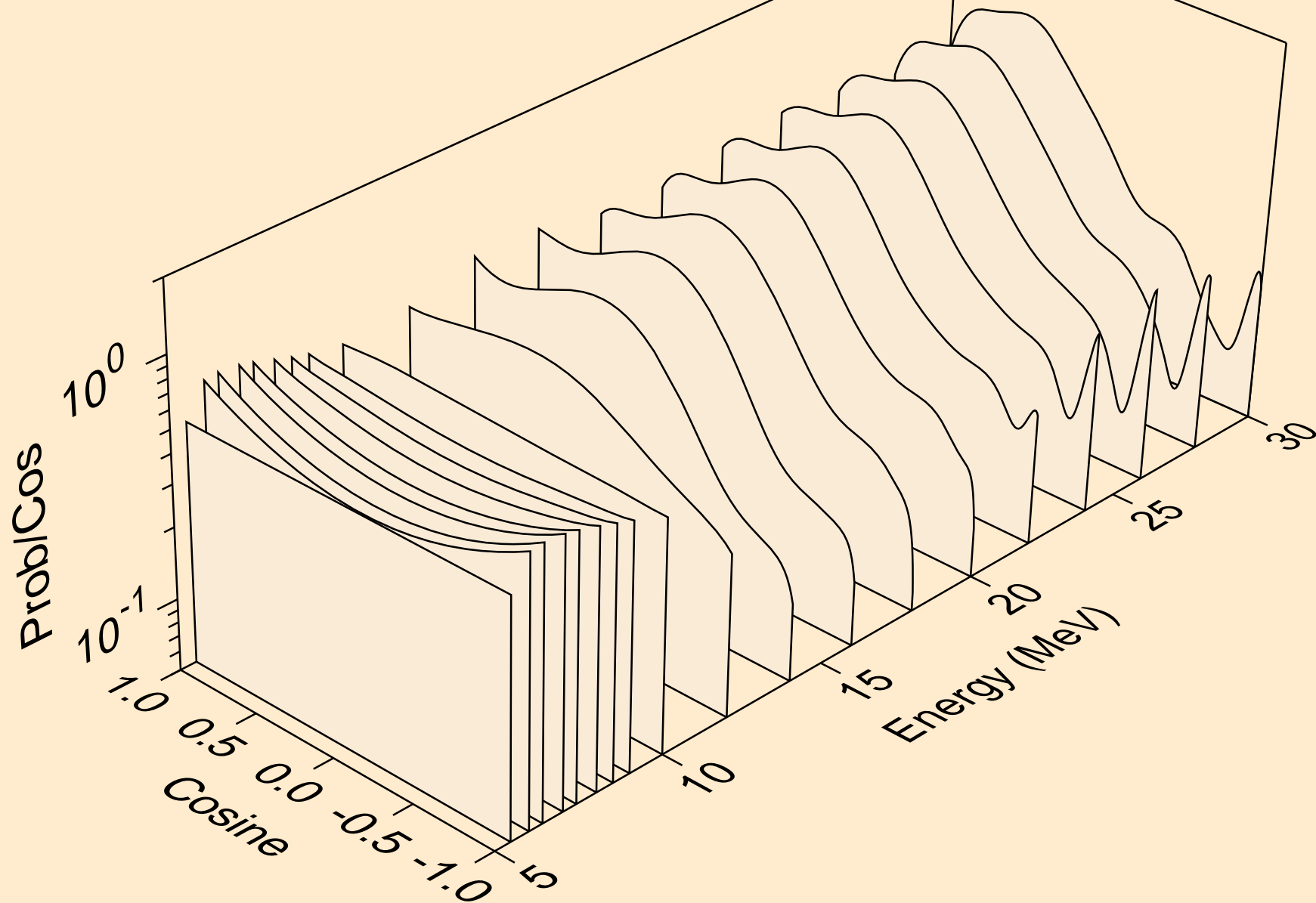
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angular distribution for (n,n*21)



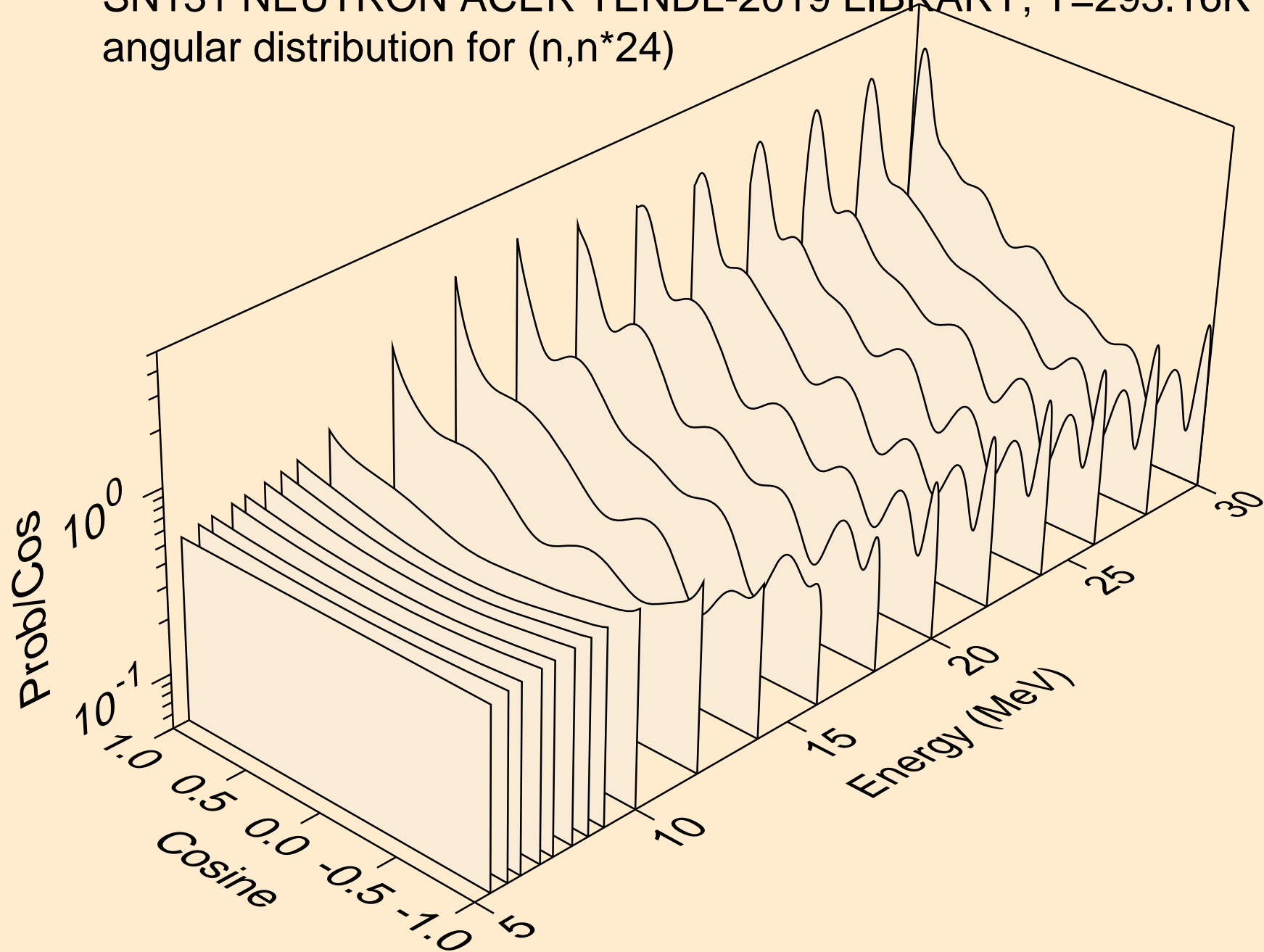
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



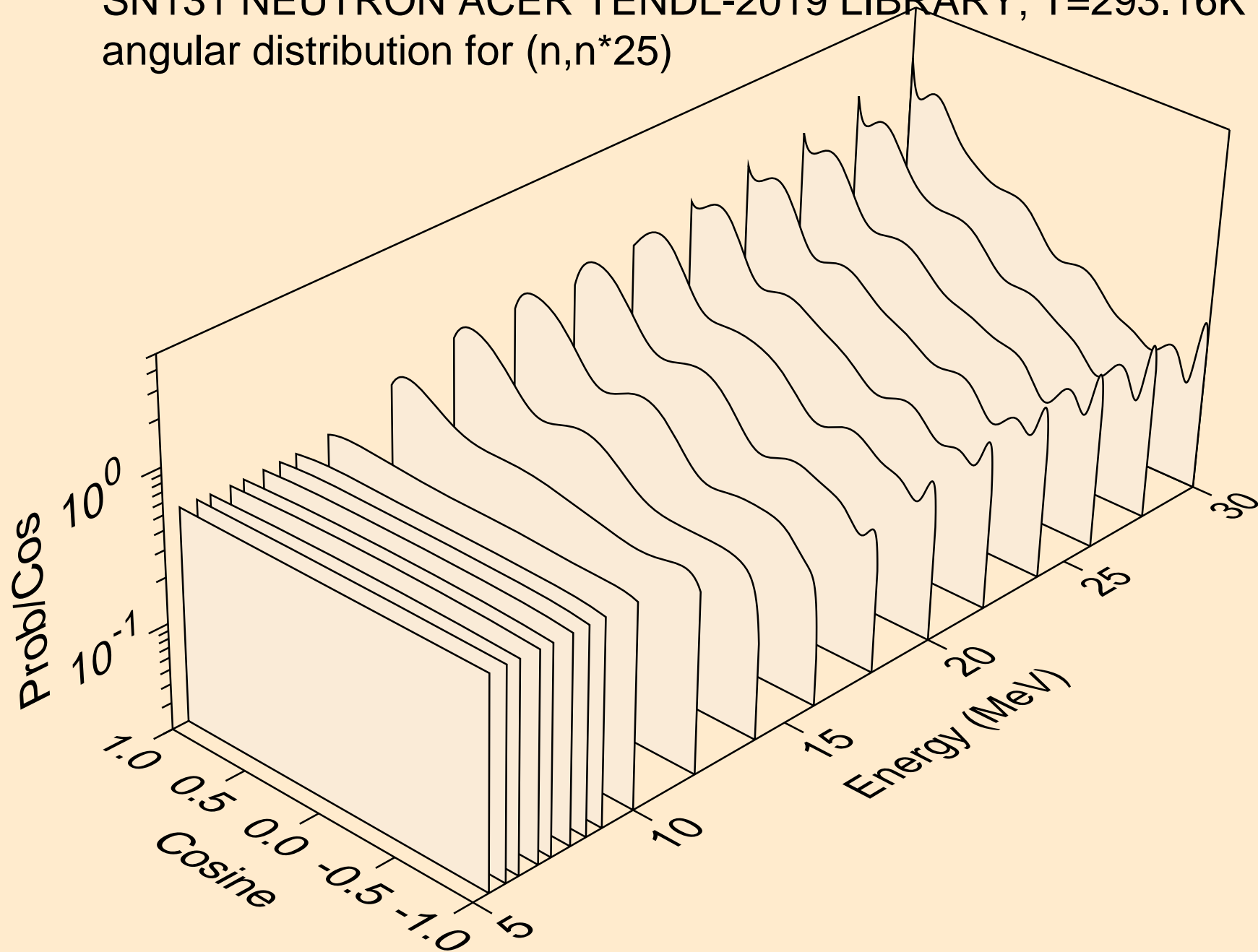
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angular distribution for (n,n*23)



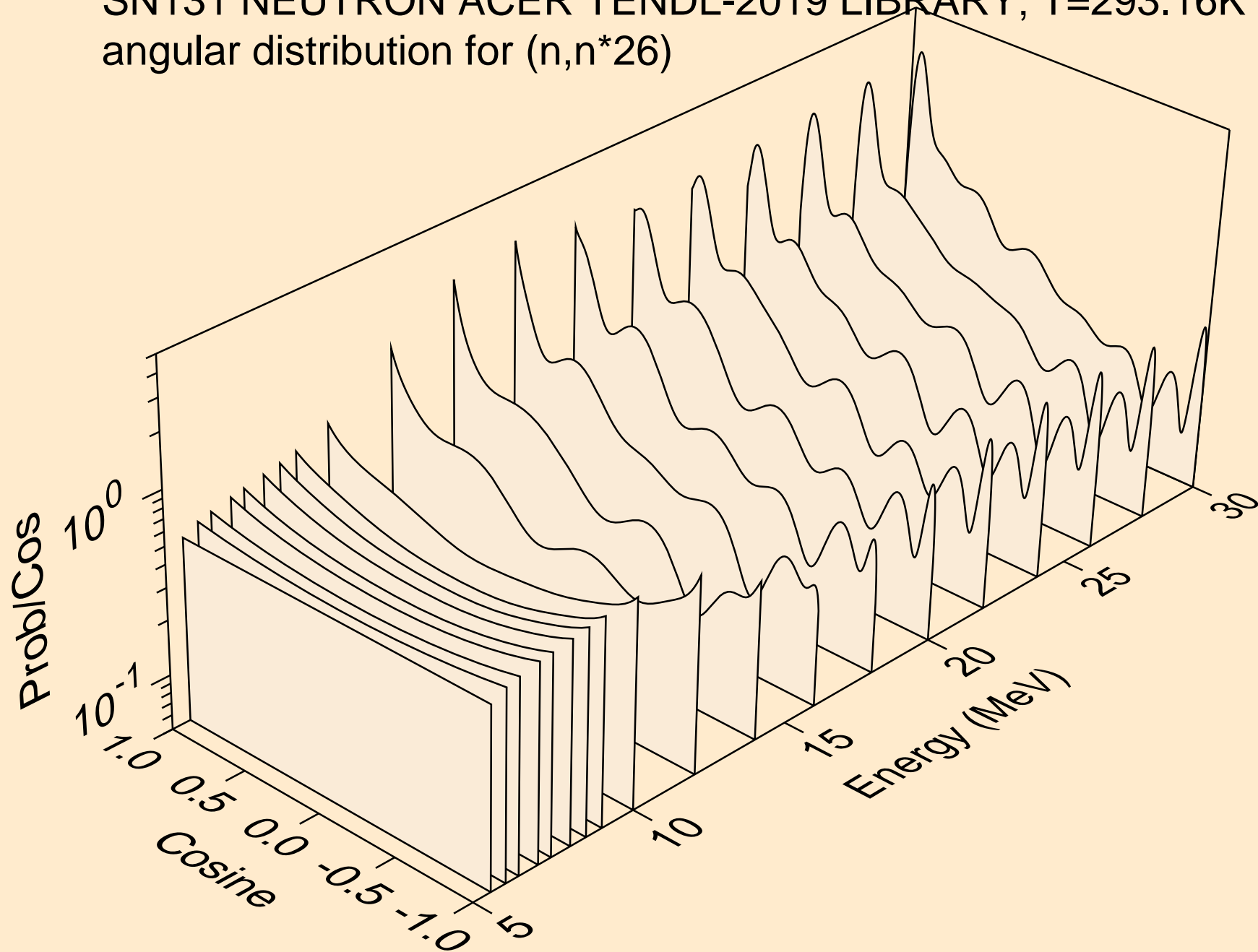
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angular distribution for (n,n*24)



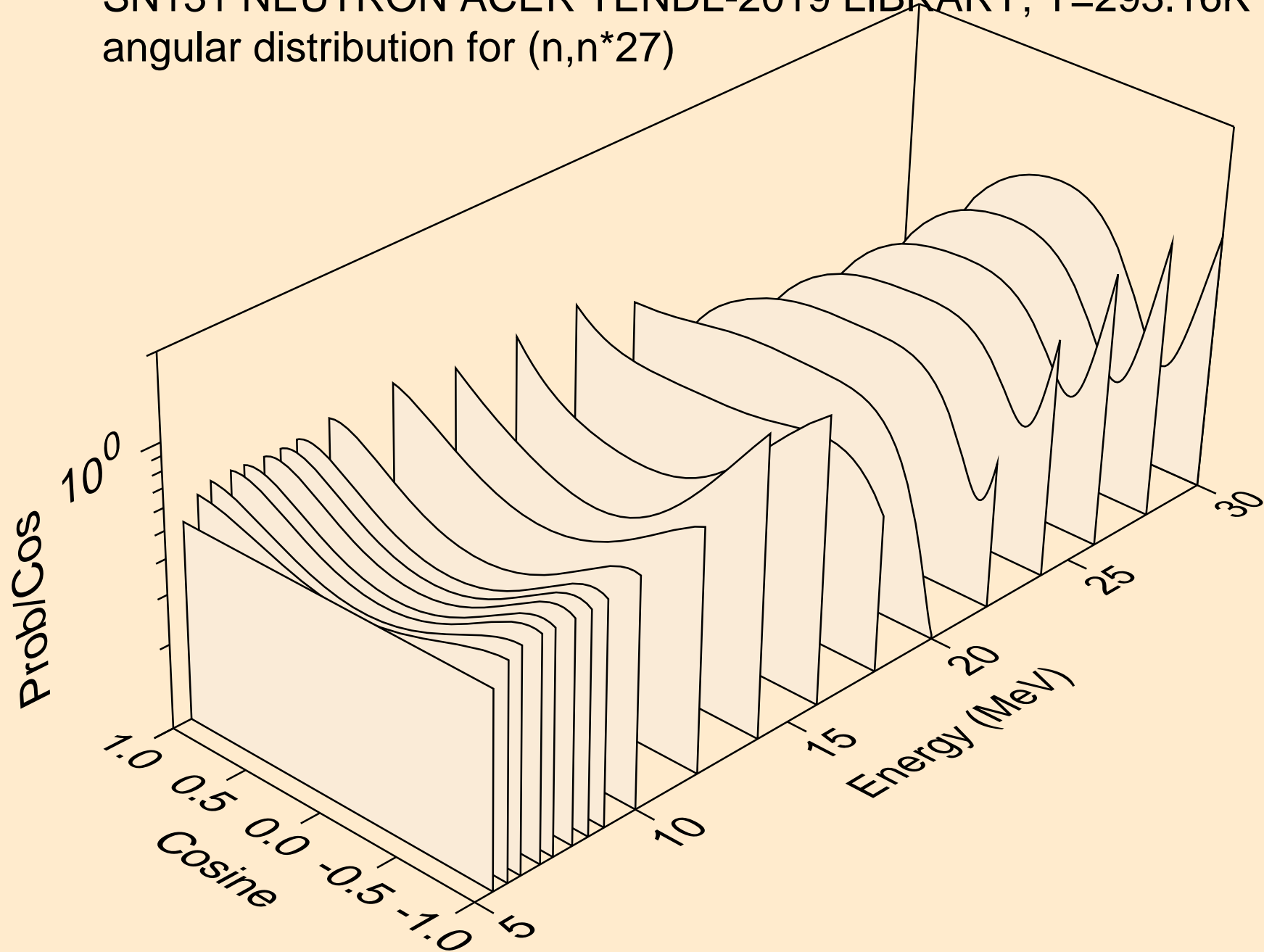
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angular distribution for (n,n*25)



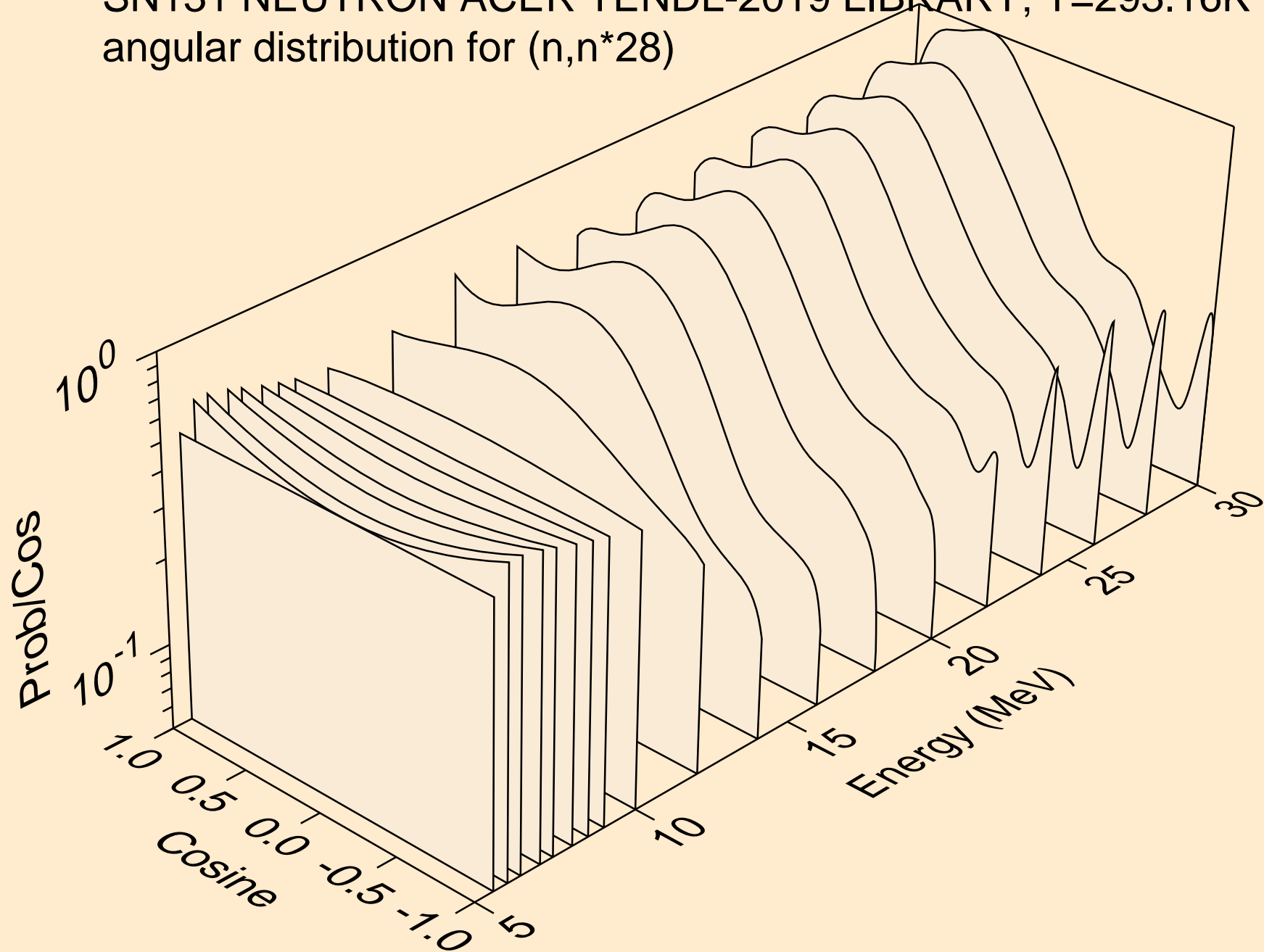
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angular distribution for (n,n*26)



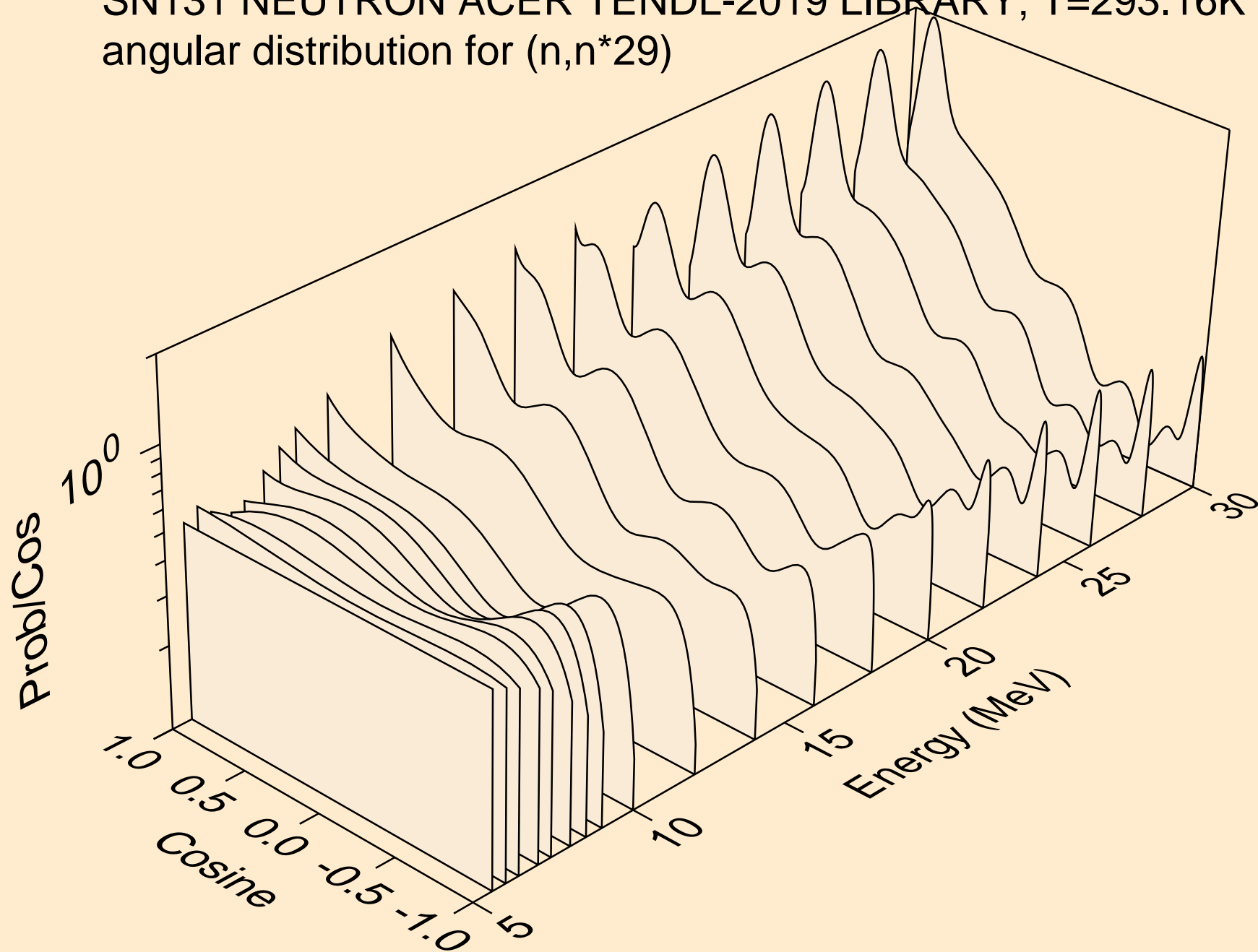
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angular distribution for (n,n*27)



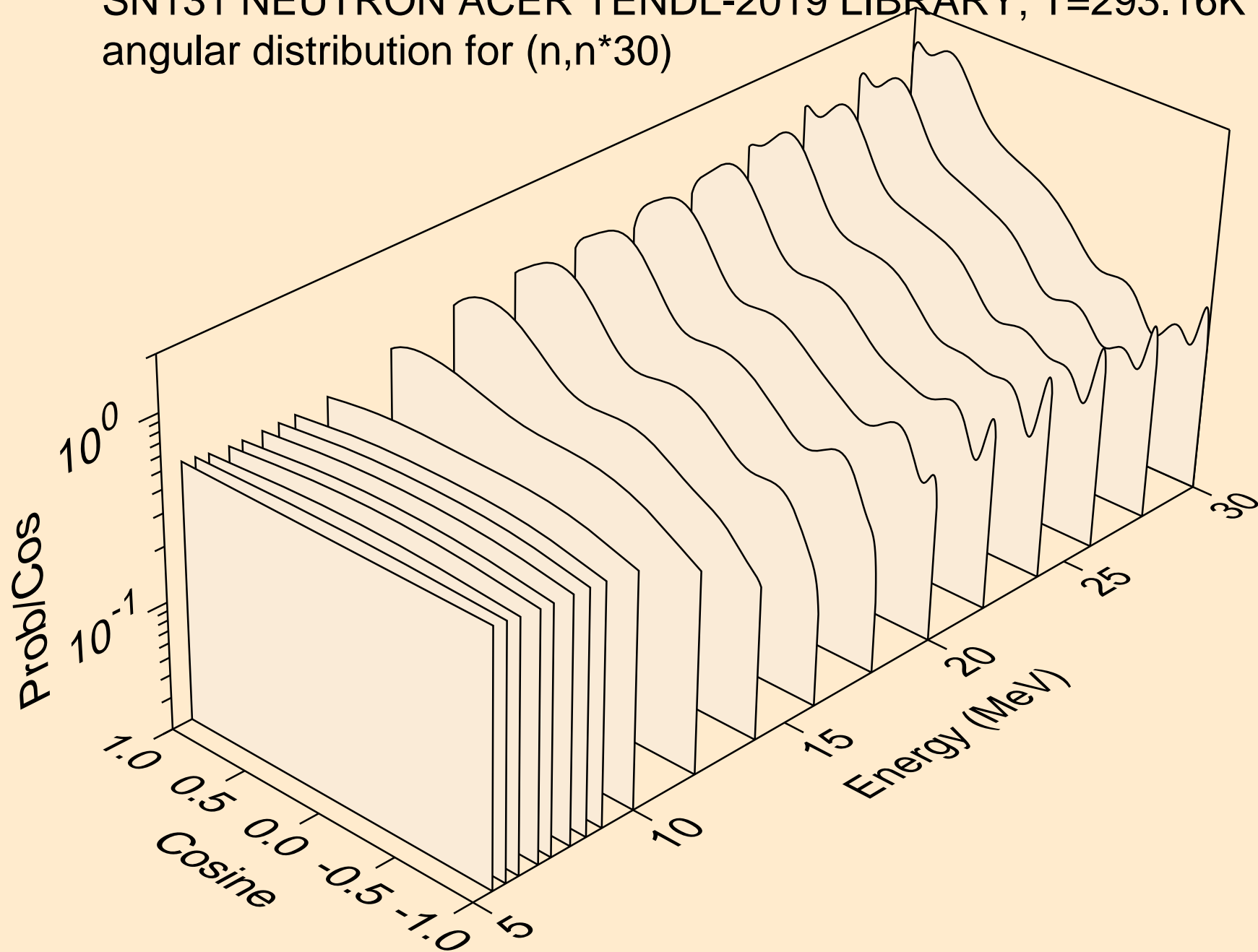
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angular distribution for (n,n*28)



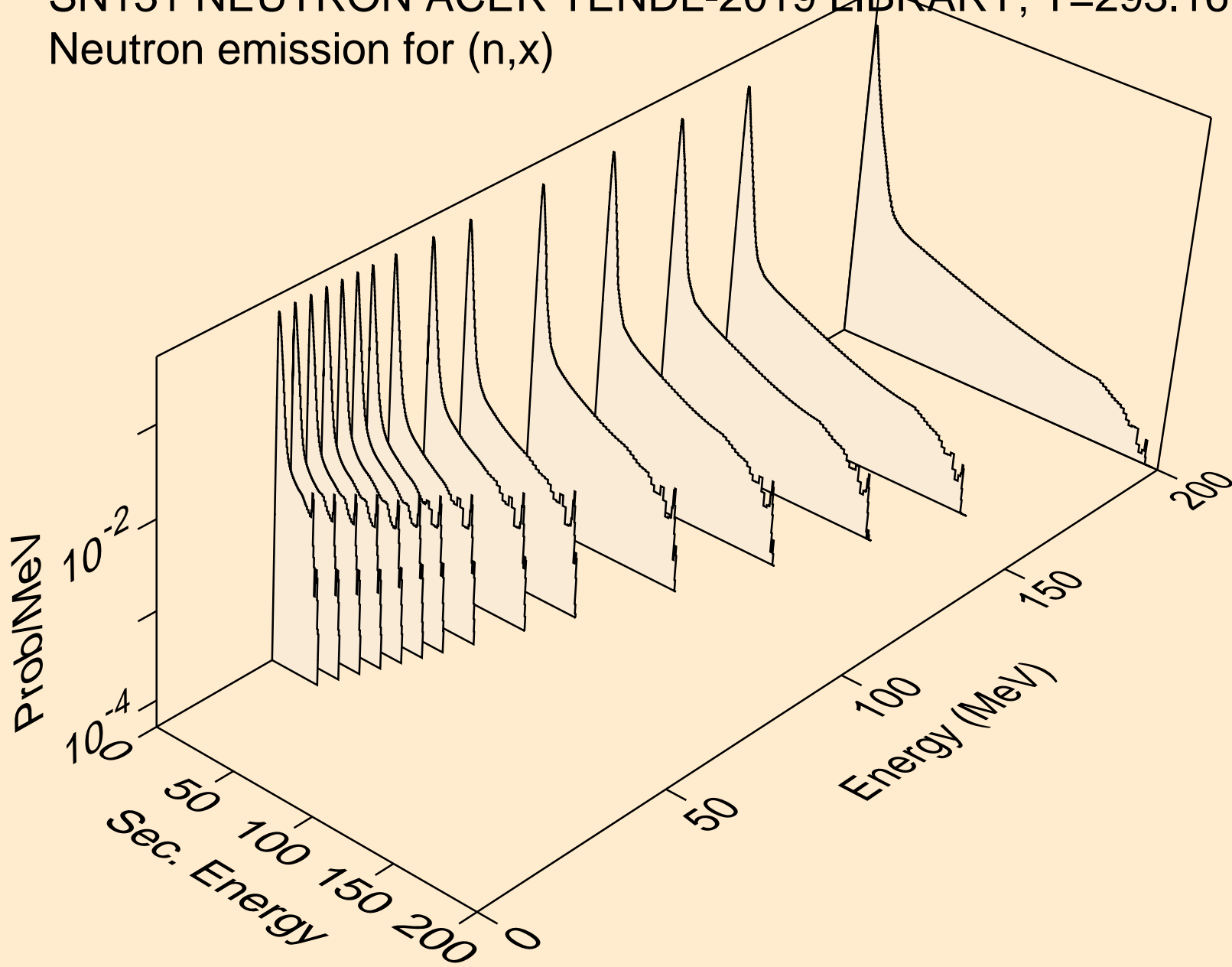
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angular distribution for (n,n*29)



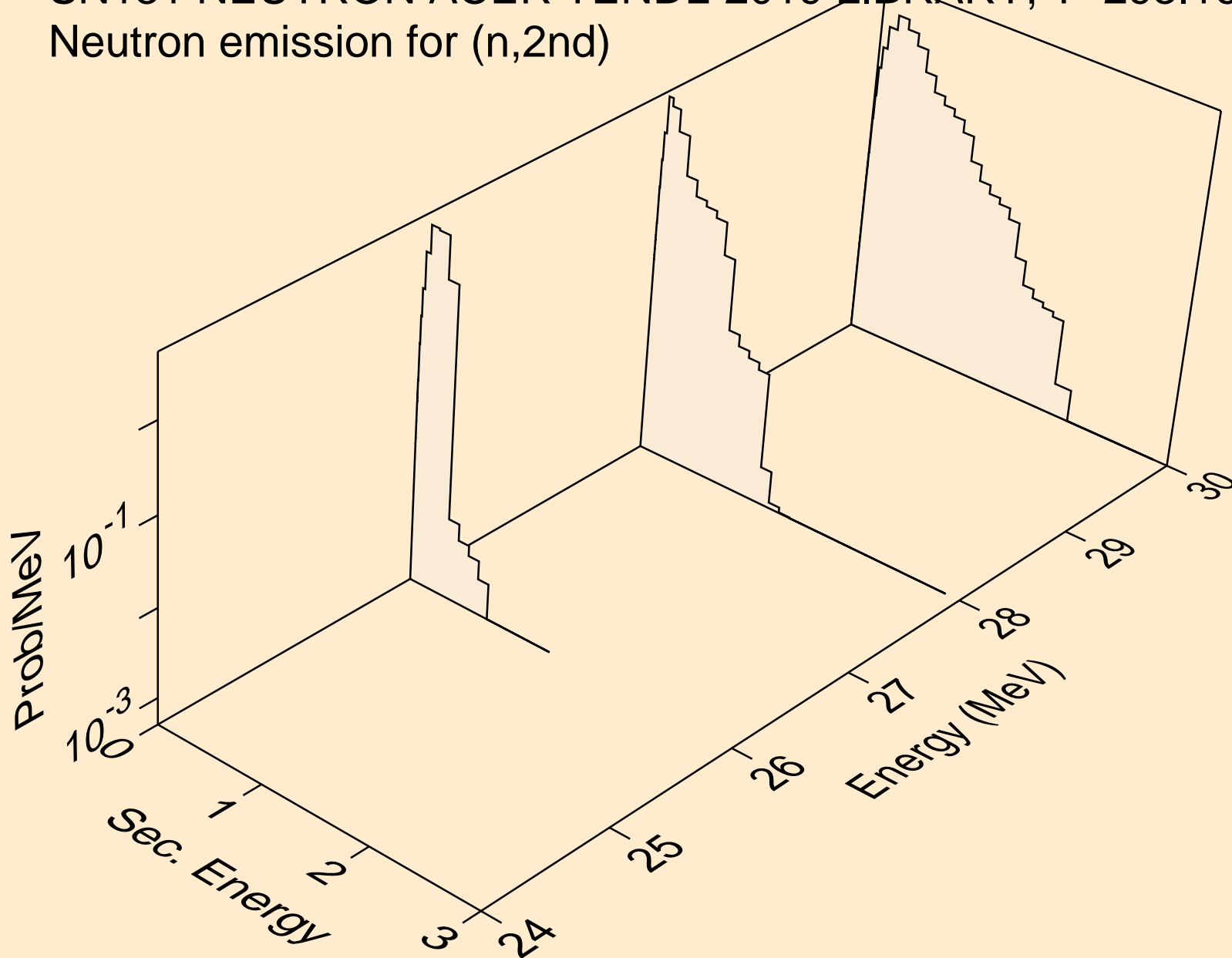
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*30)



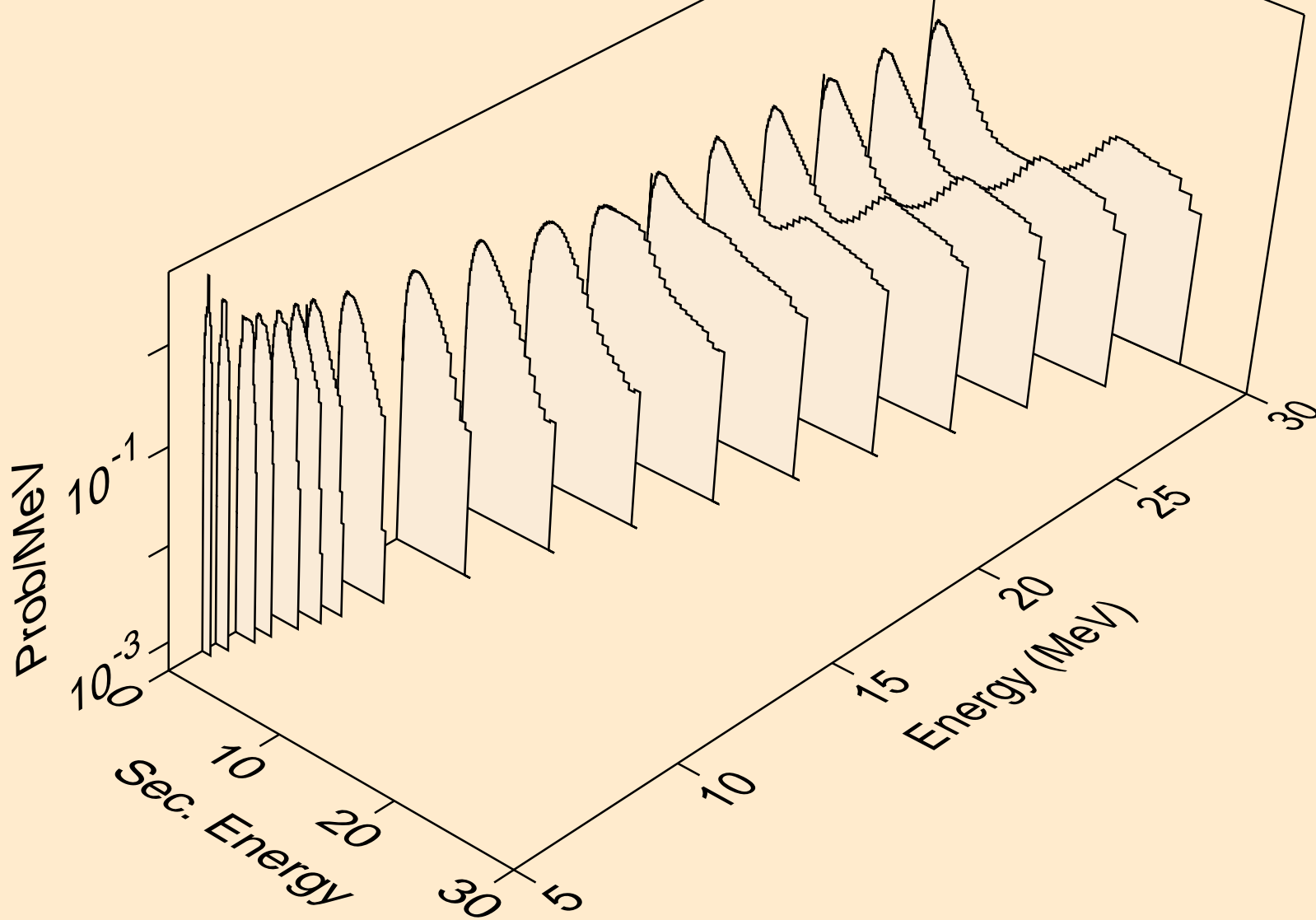
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



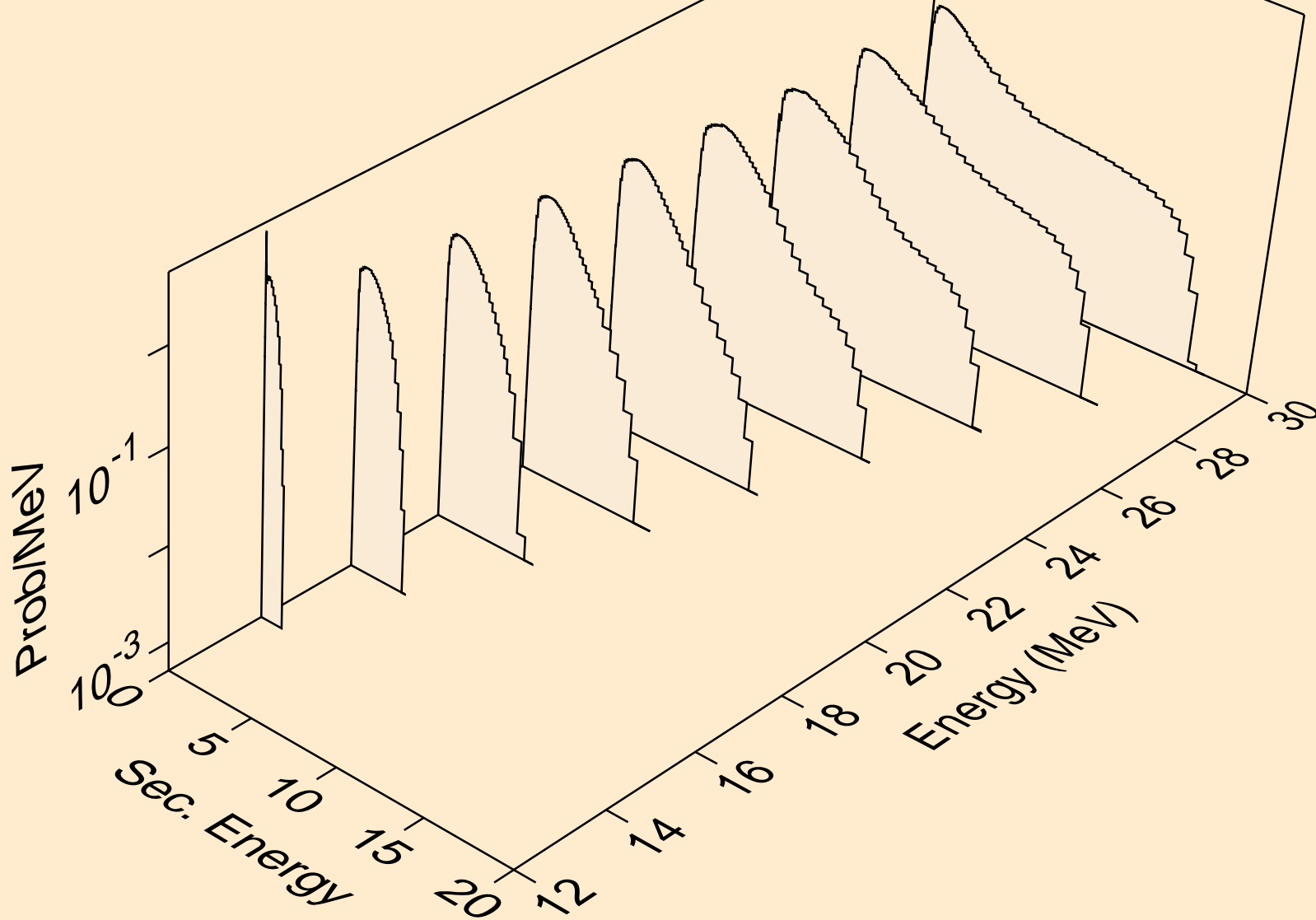
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



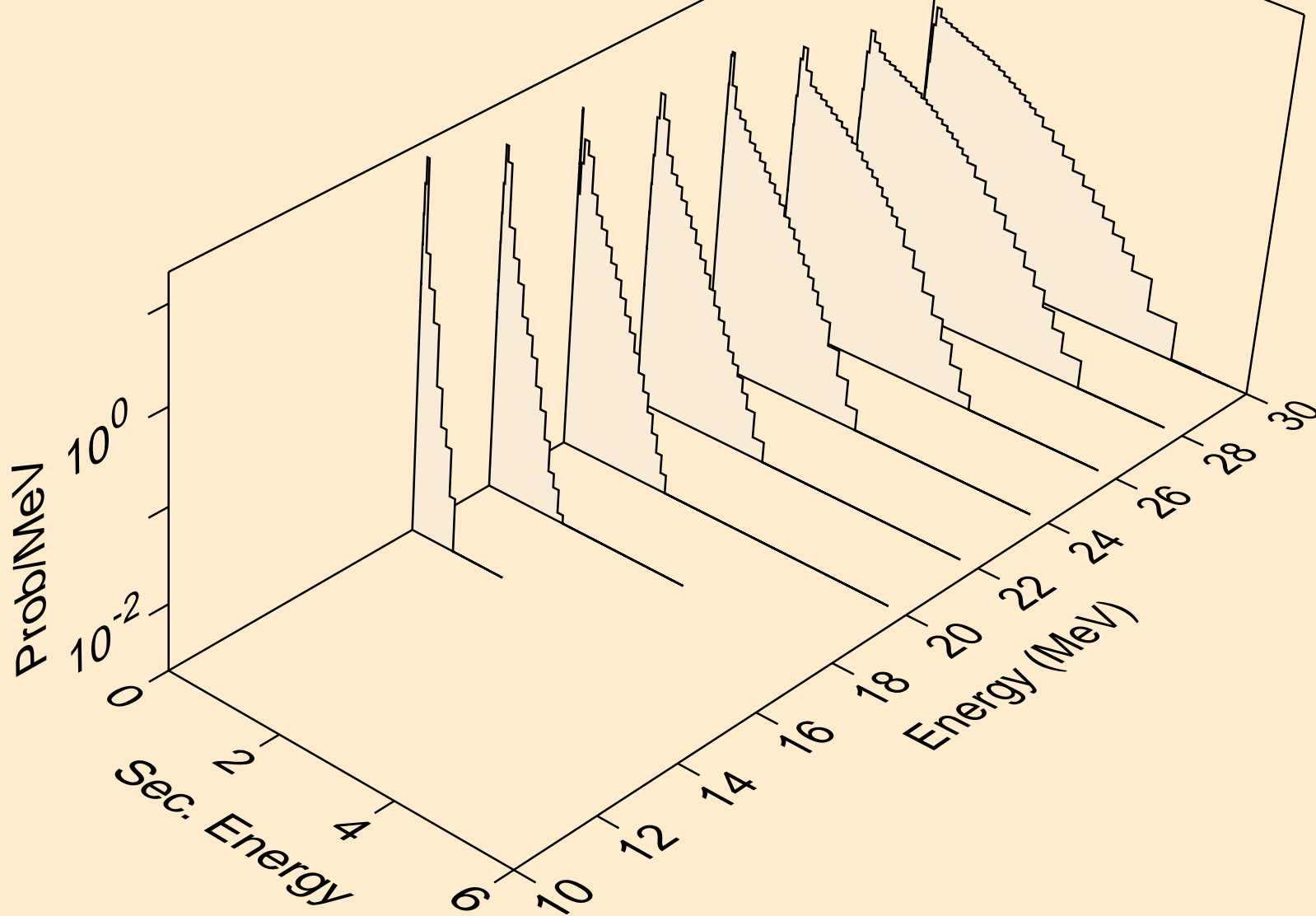
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



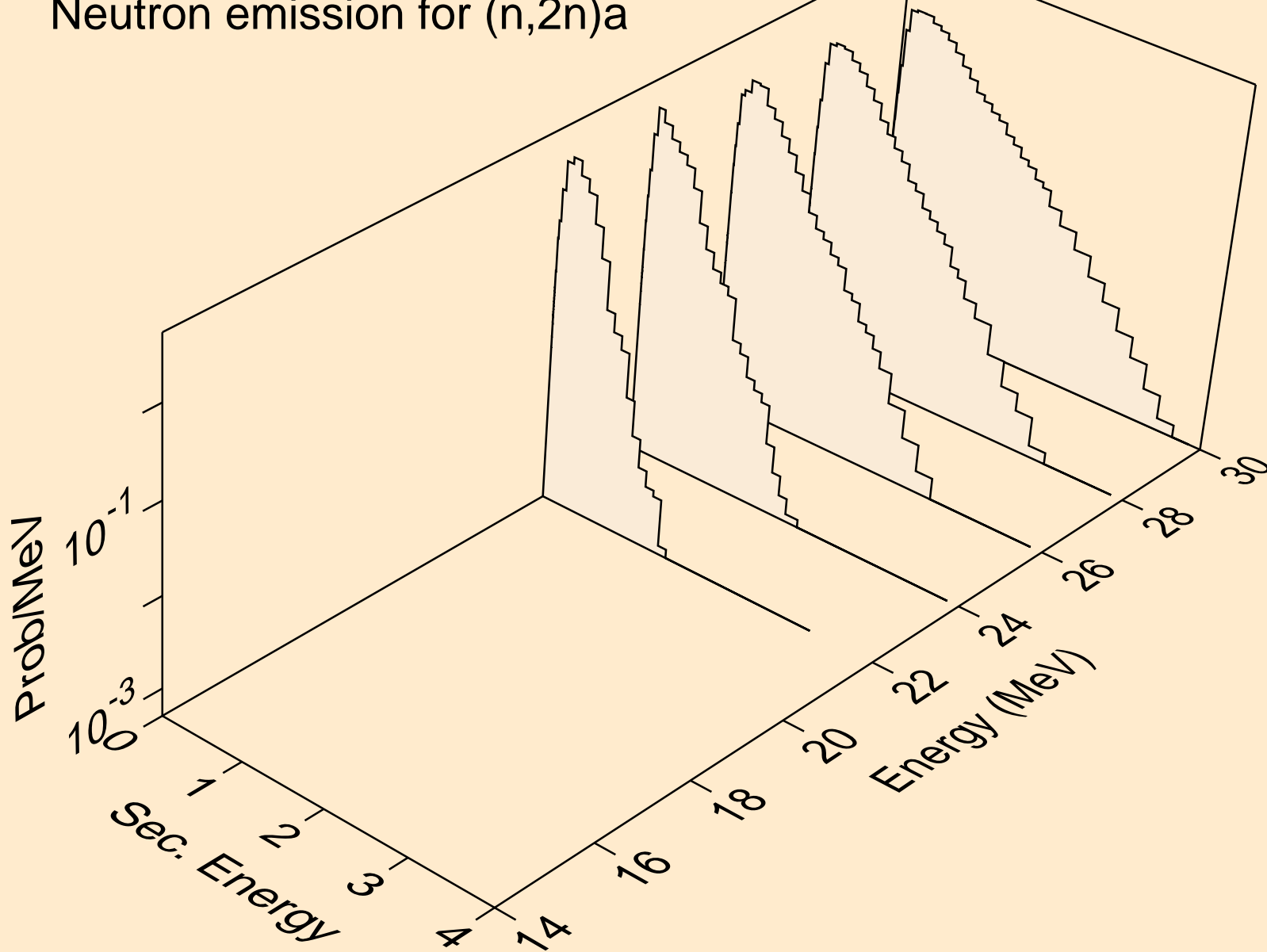
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



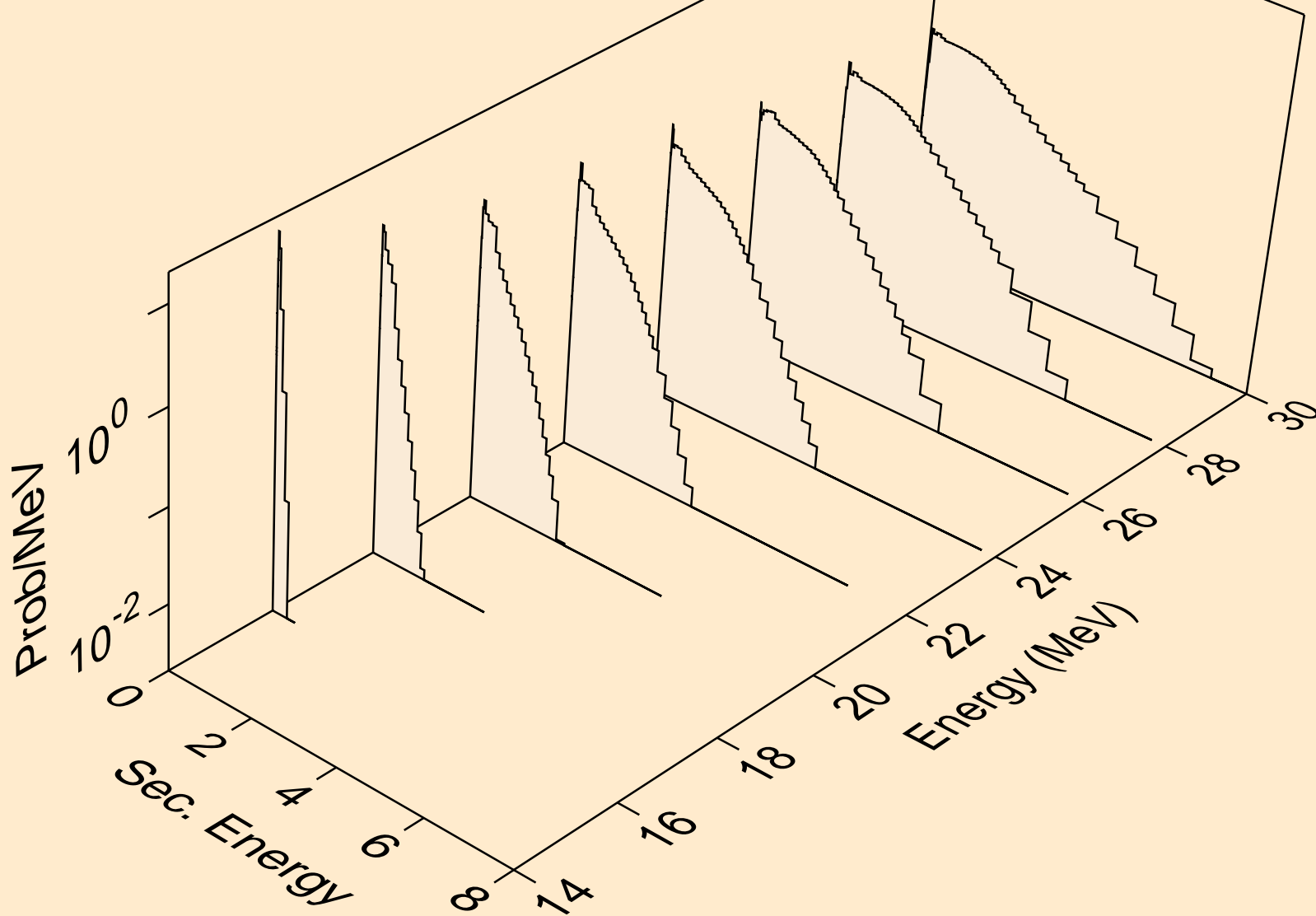
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



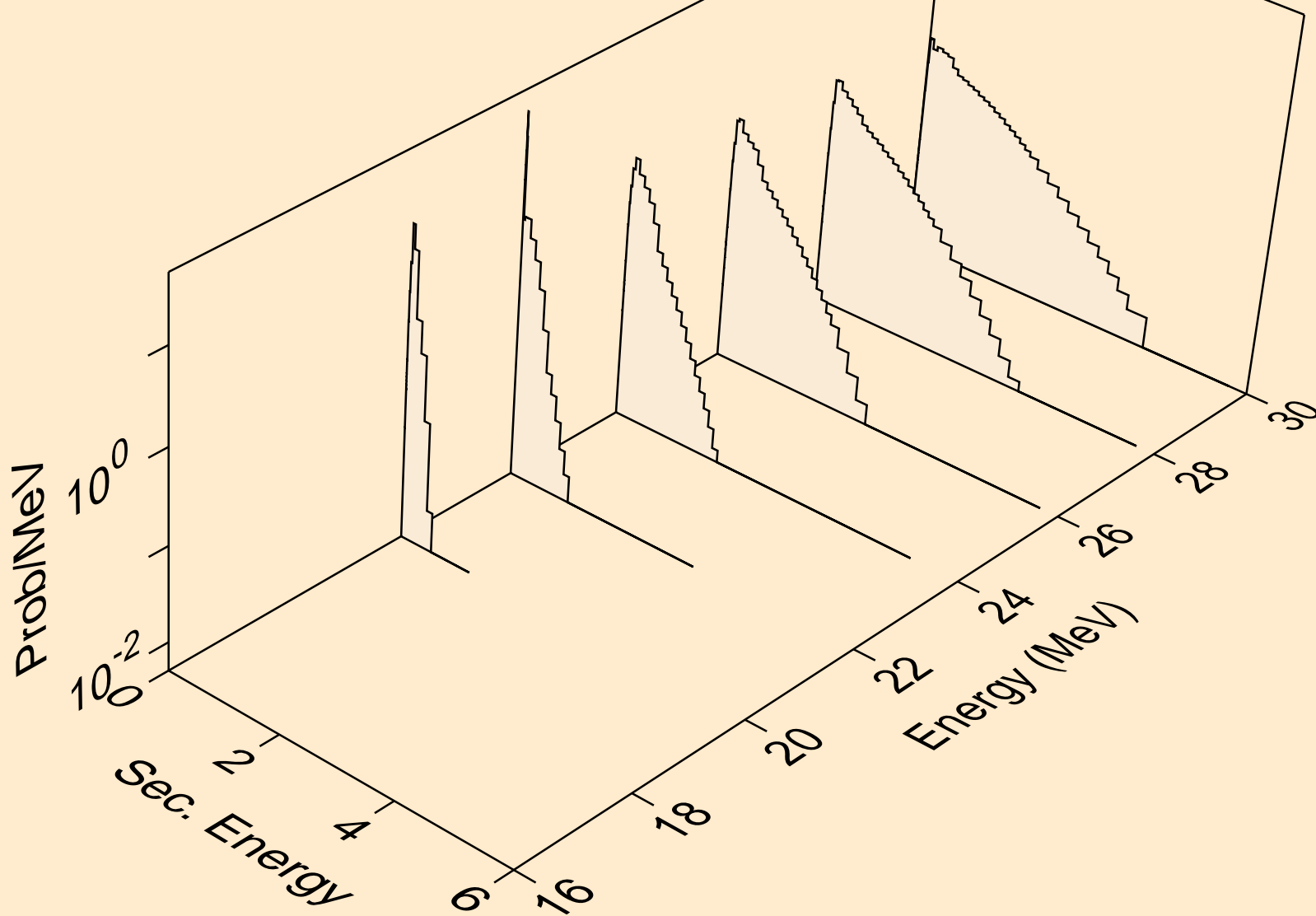
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



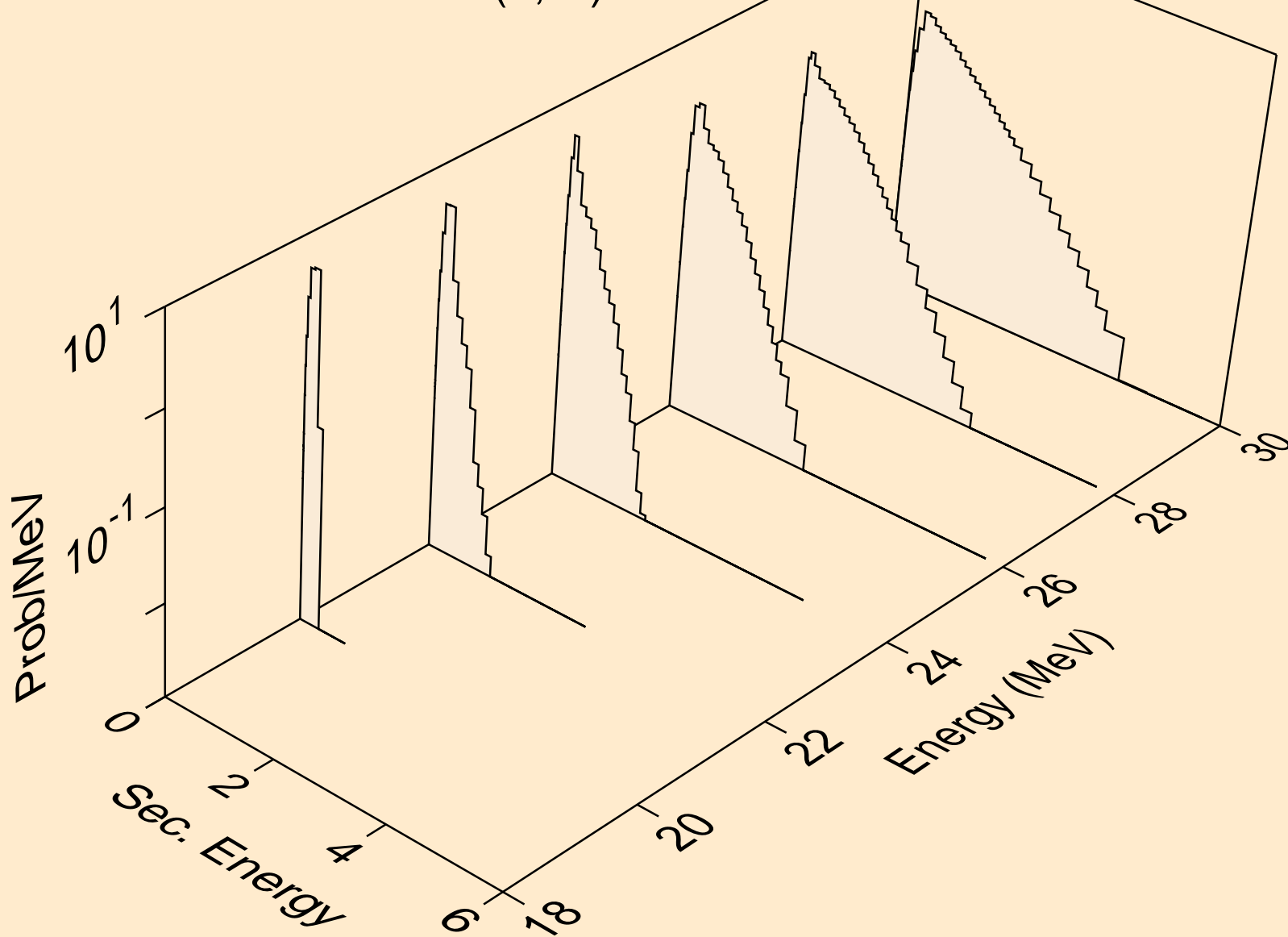
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



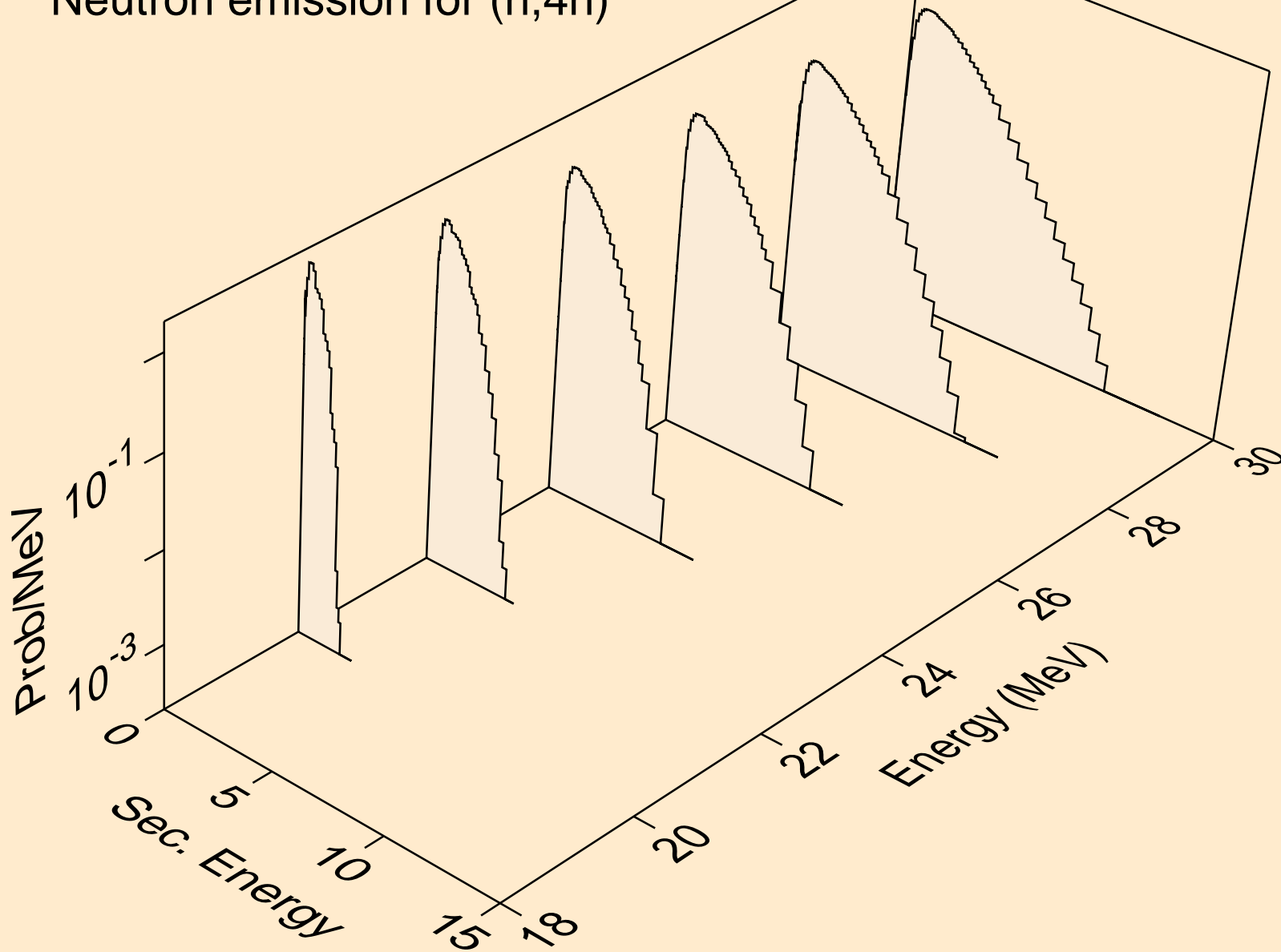
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



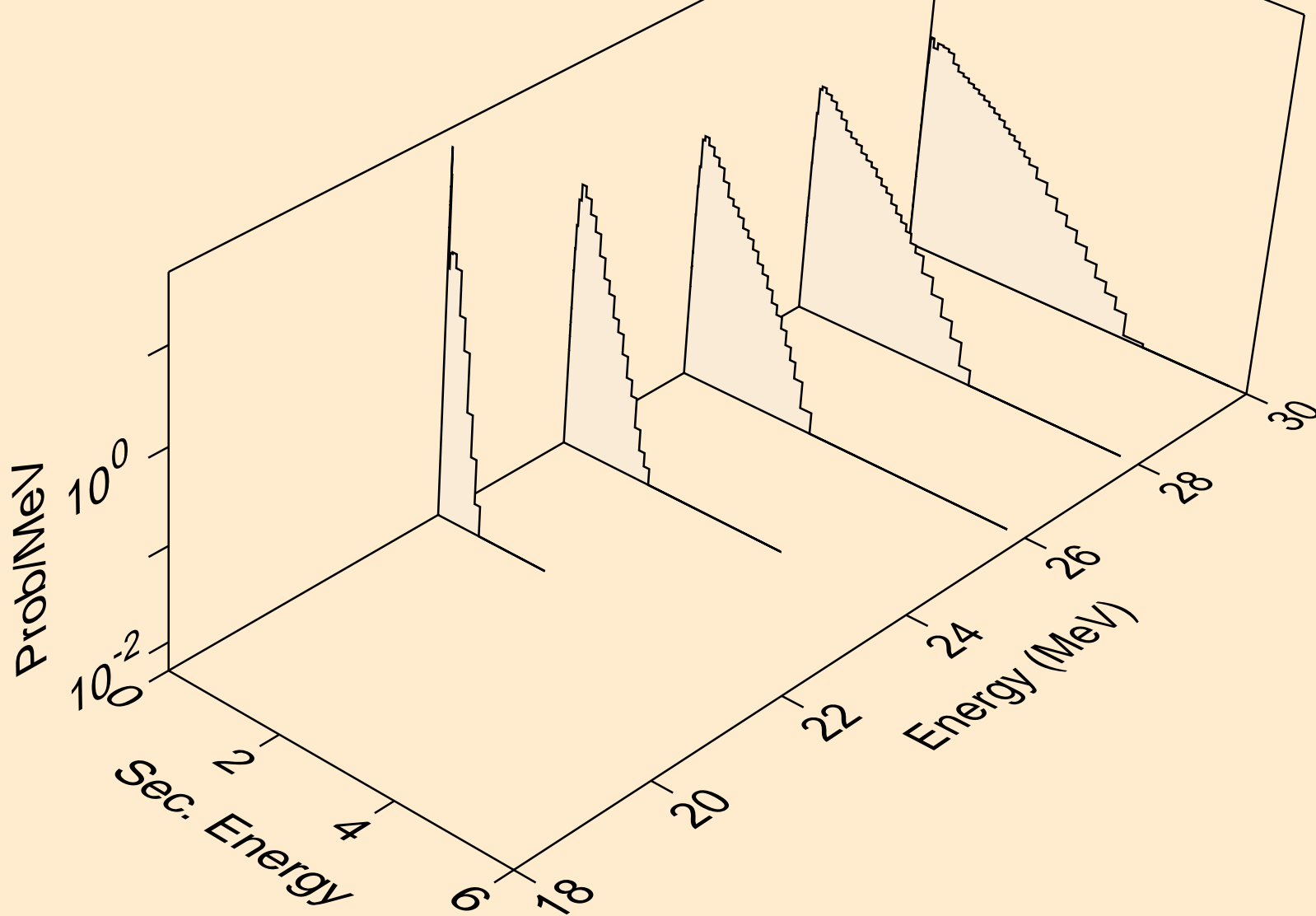
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



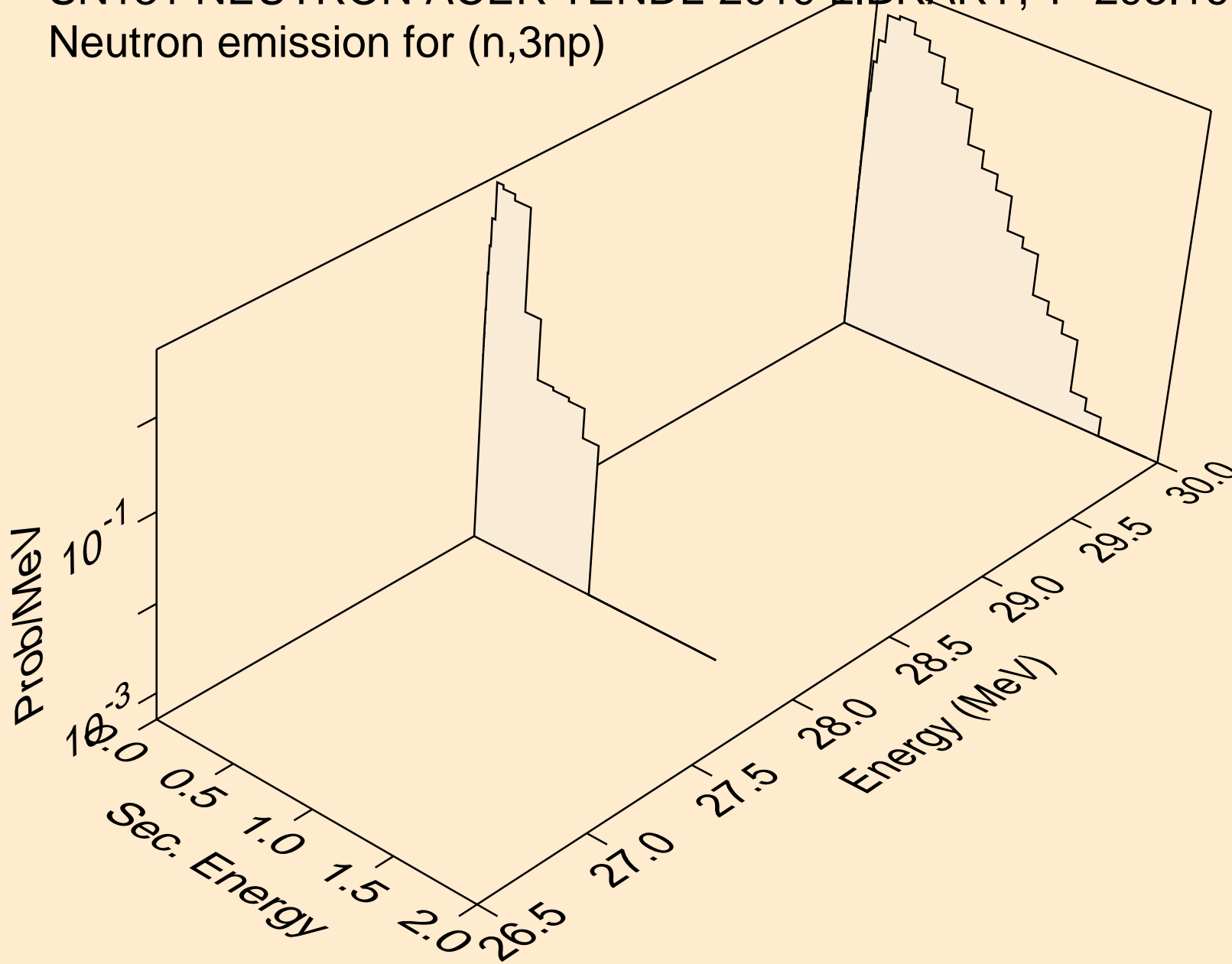
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



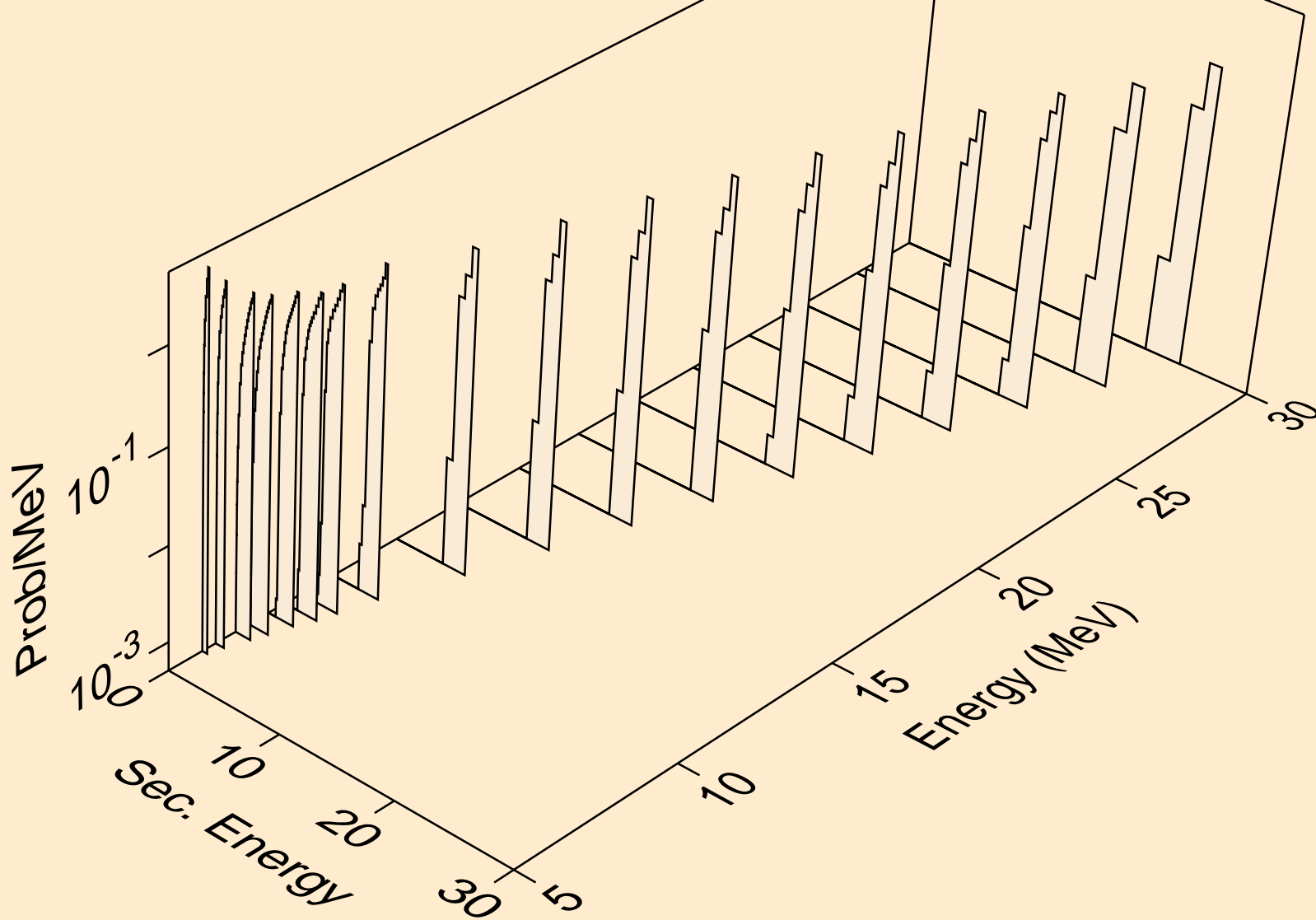
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



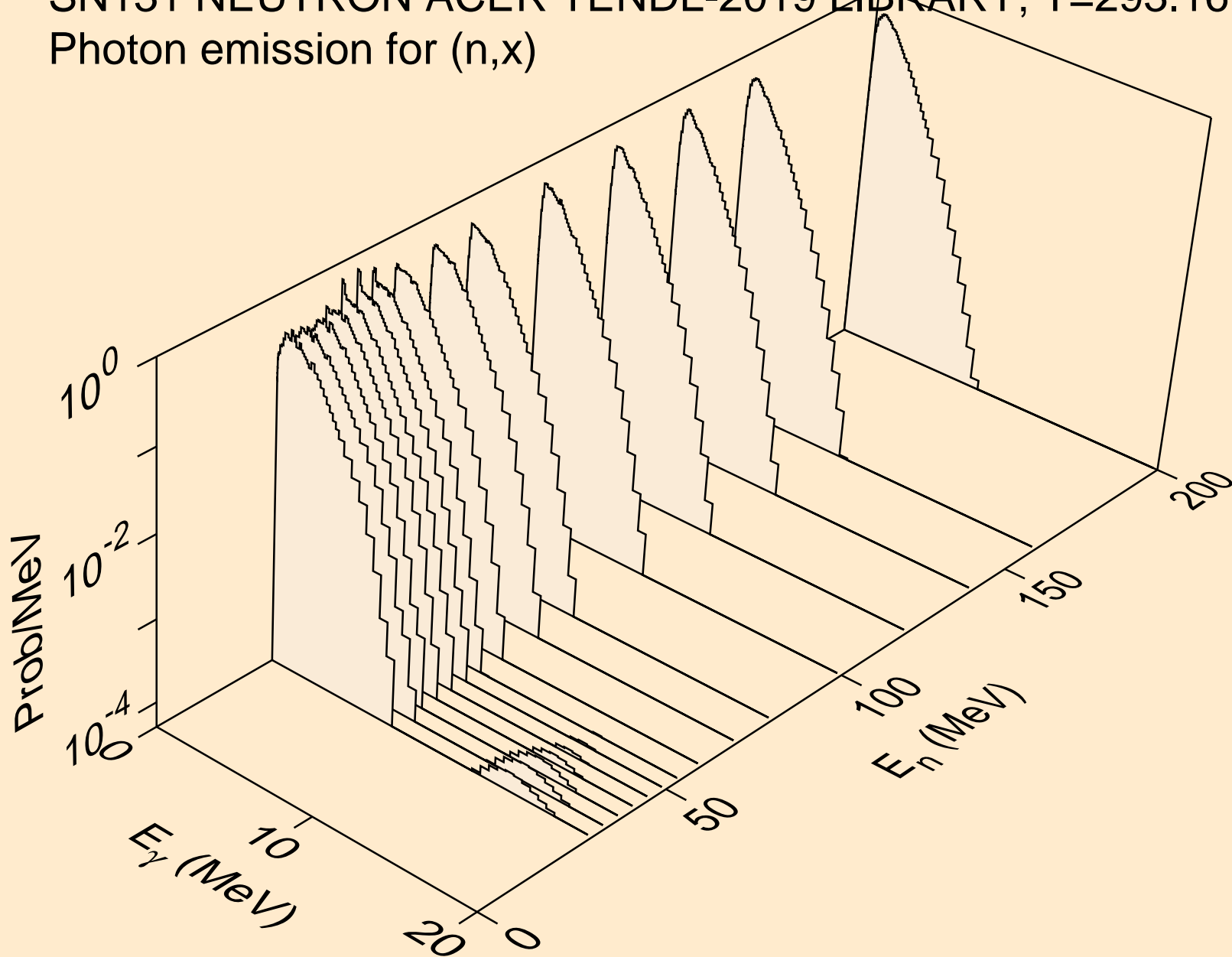
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



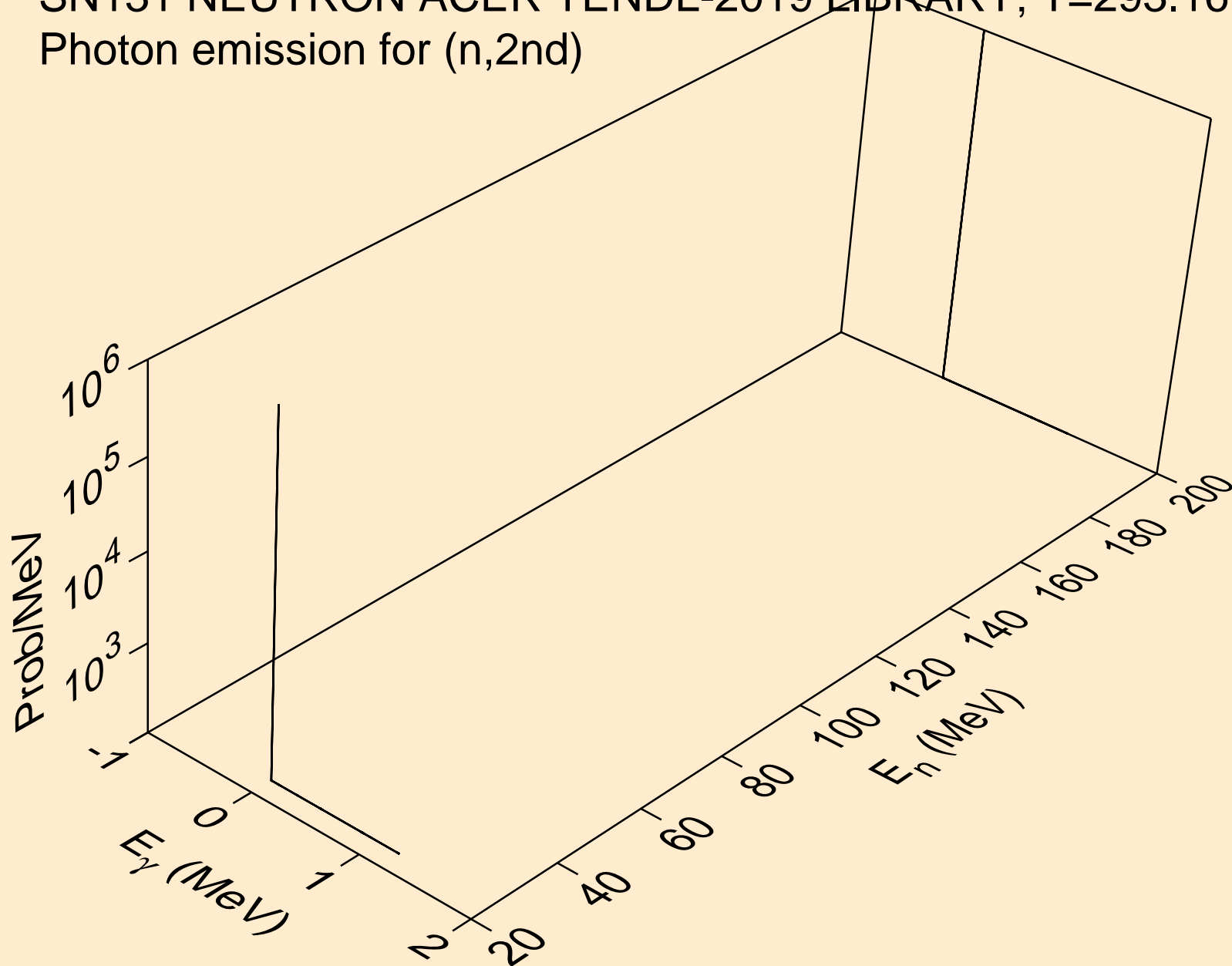
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



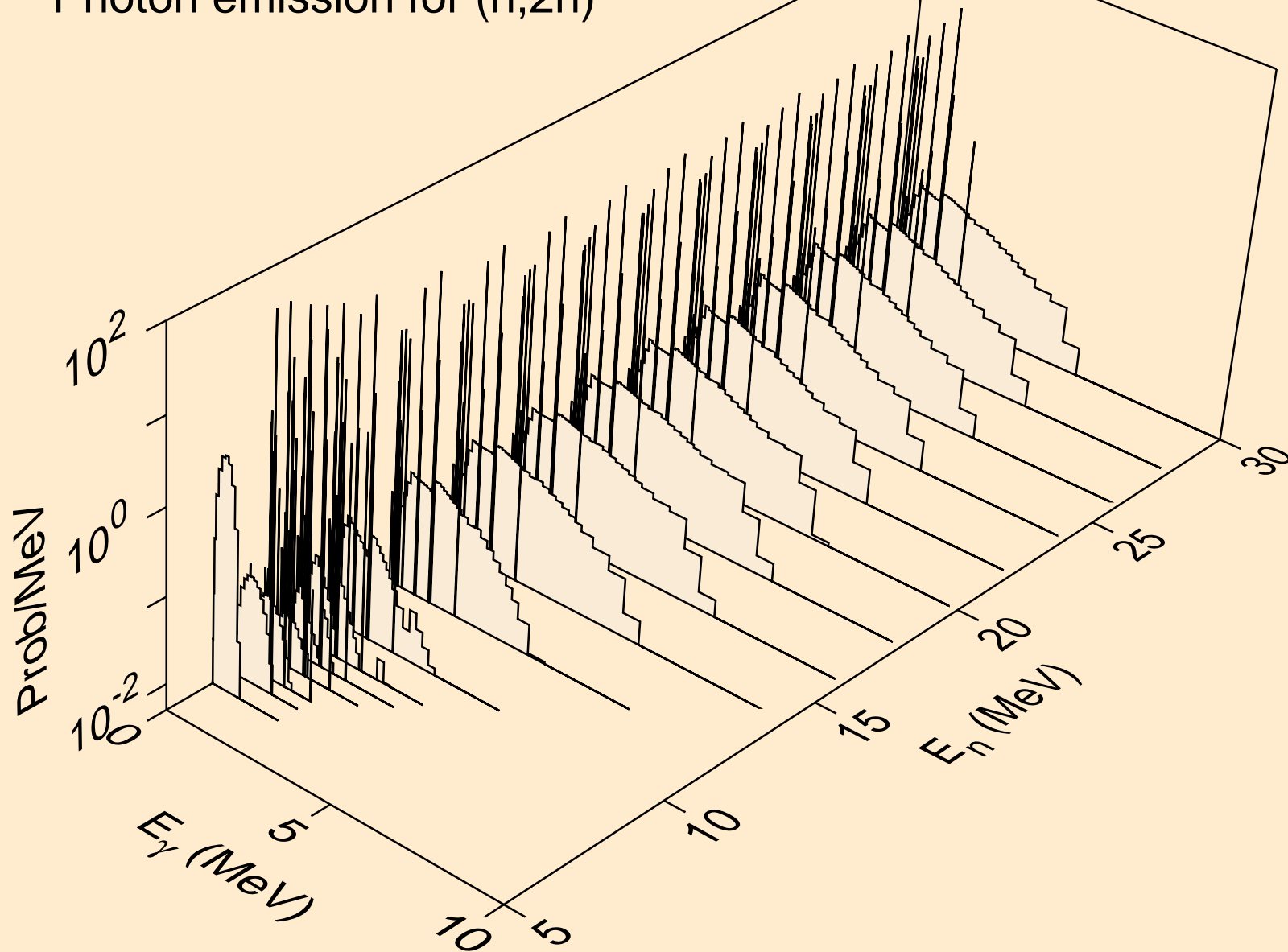
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



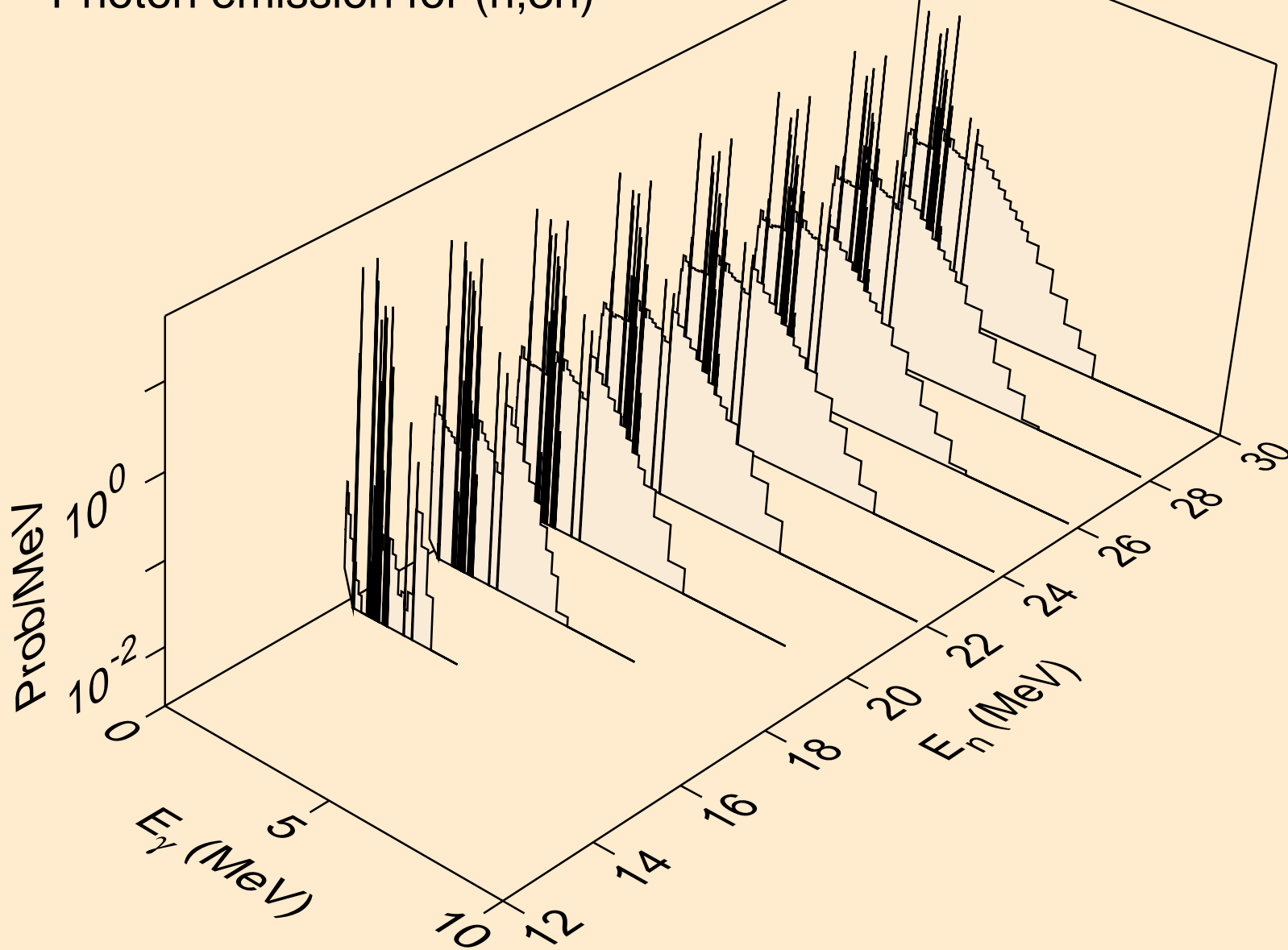
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



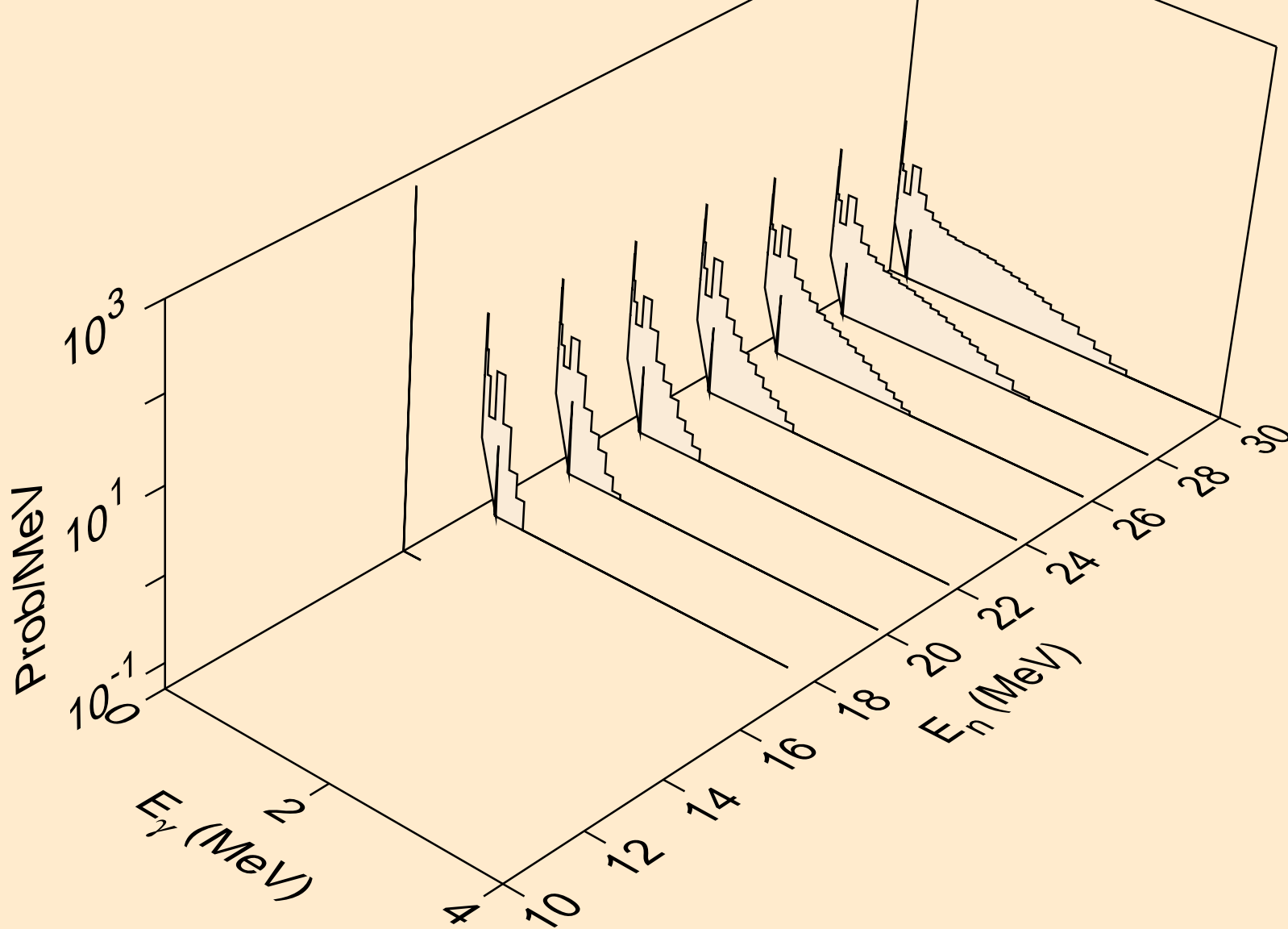
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



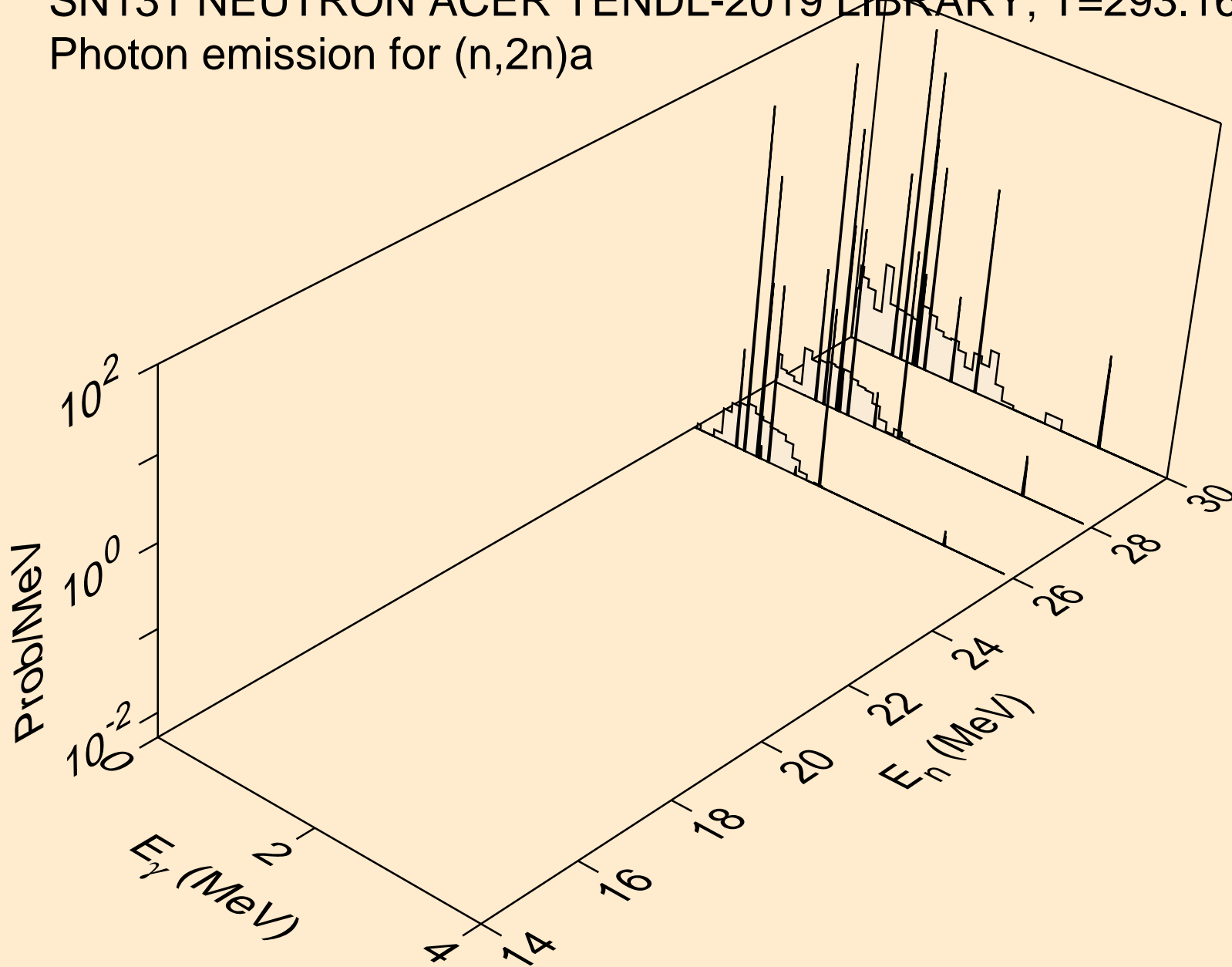
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



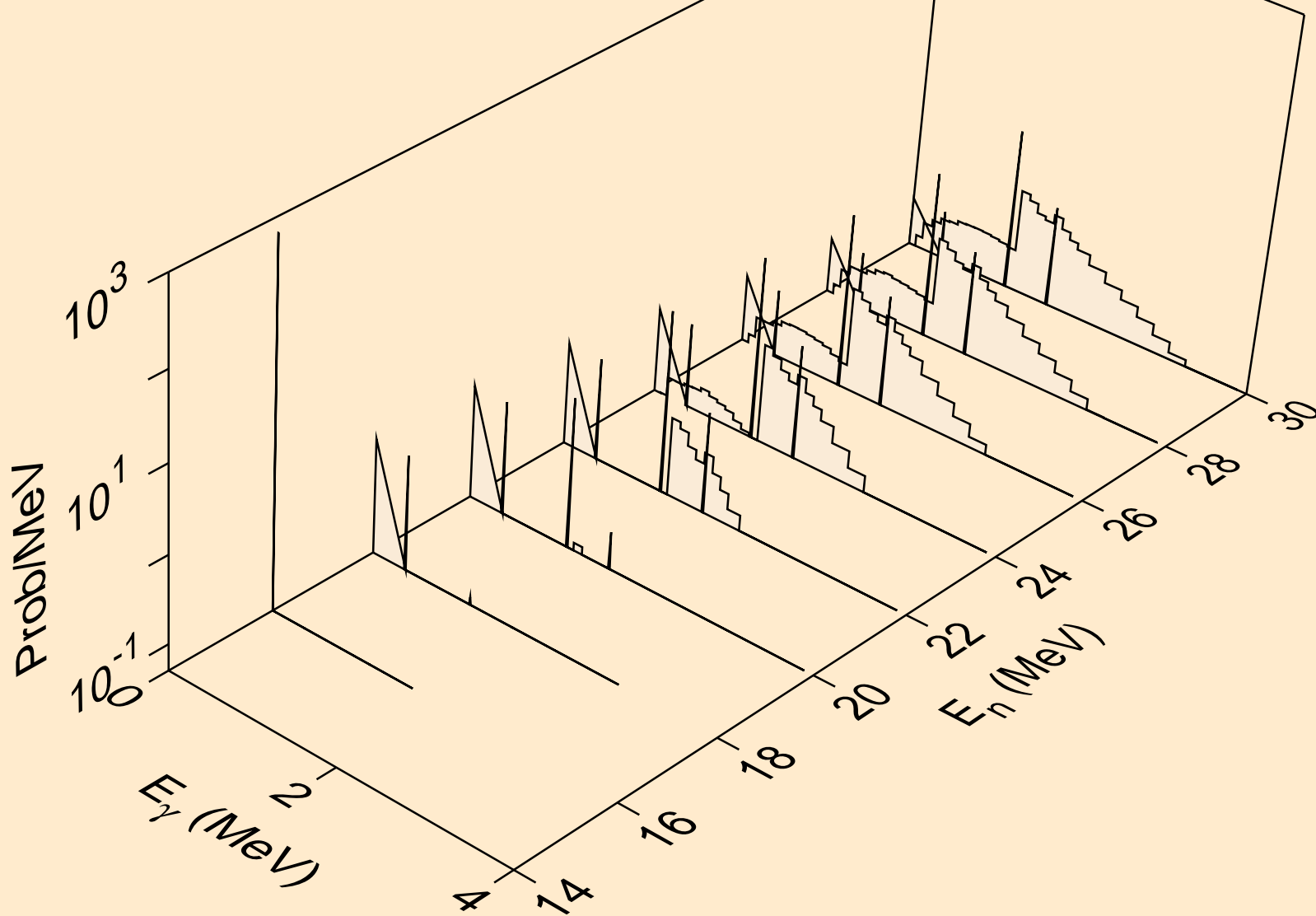
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



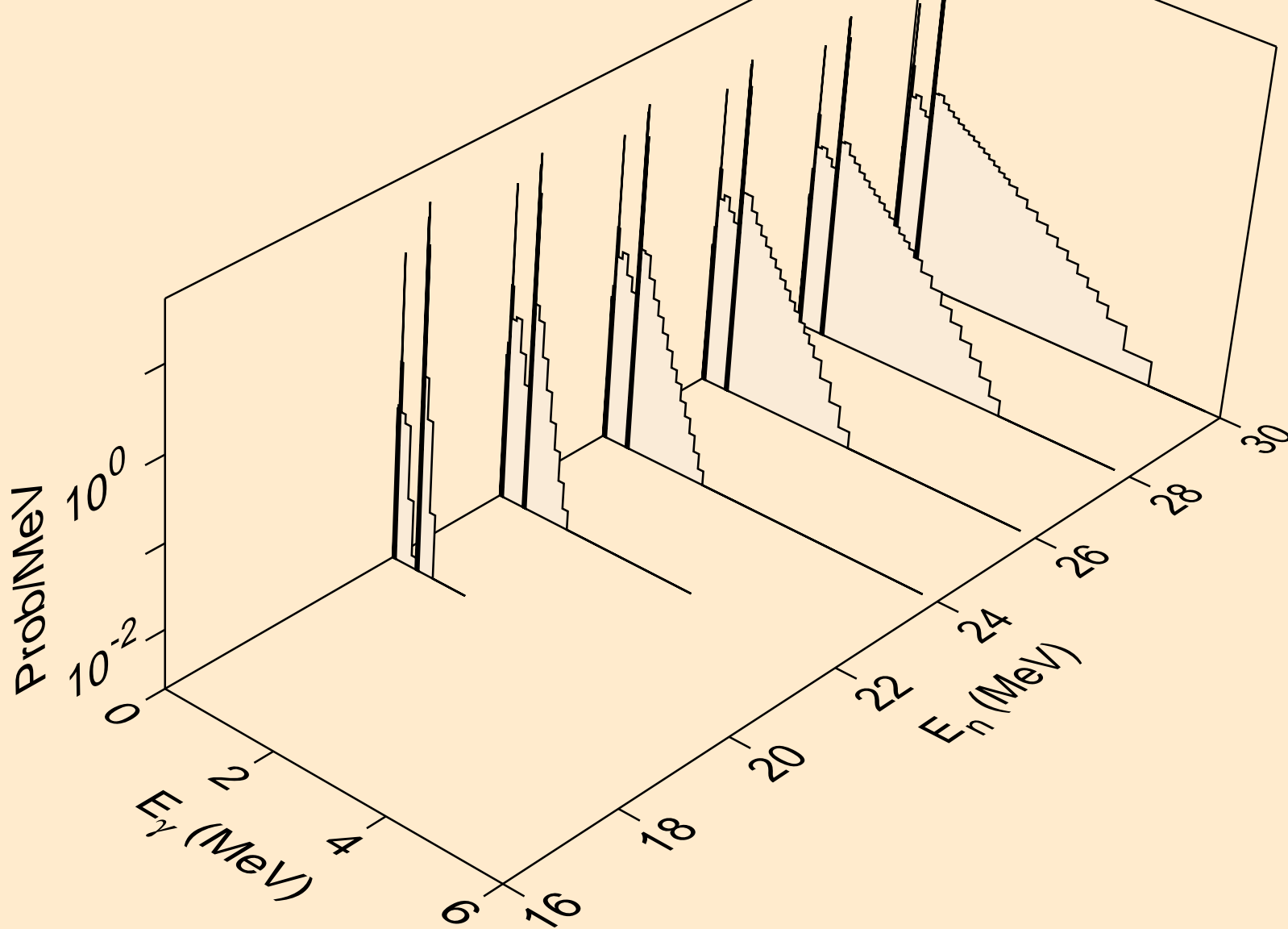
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



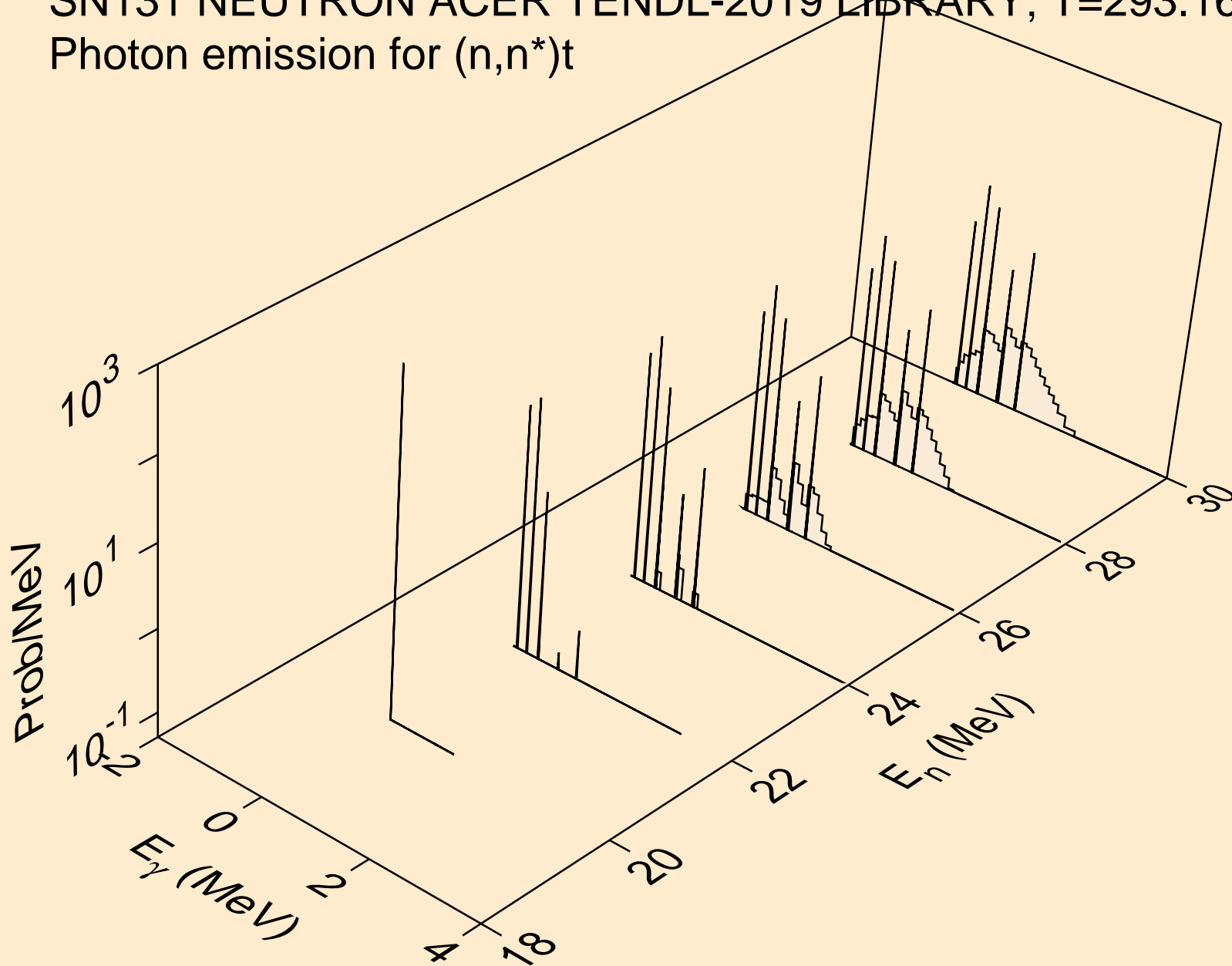
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



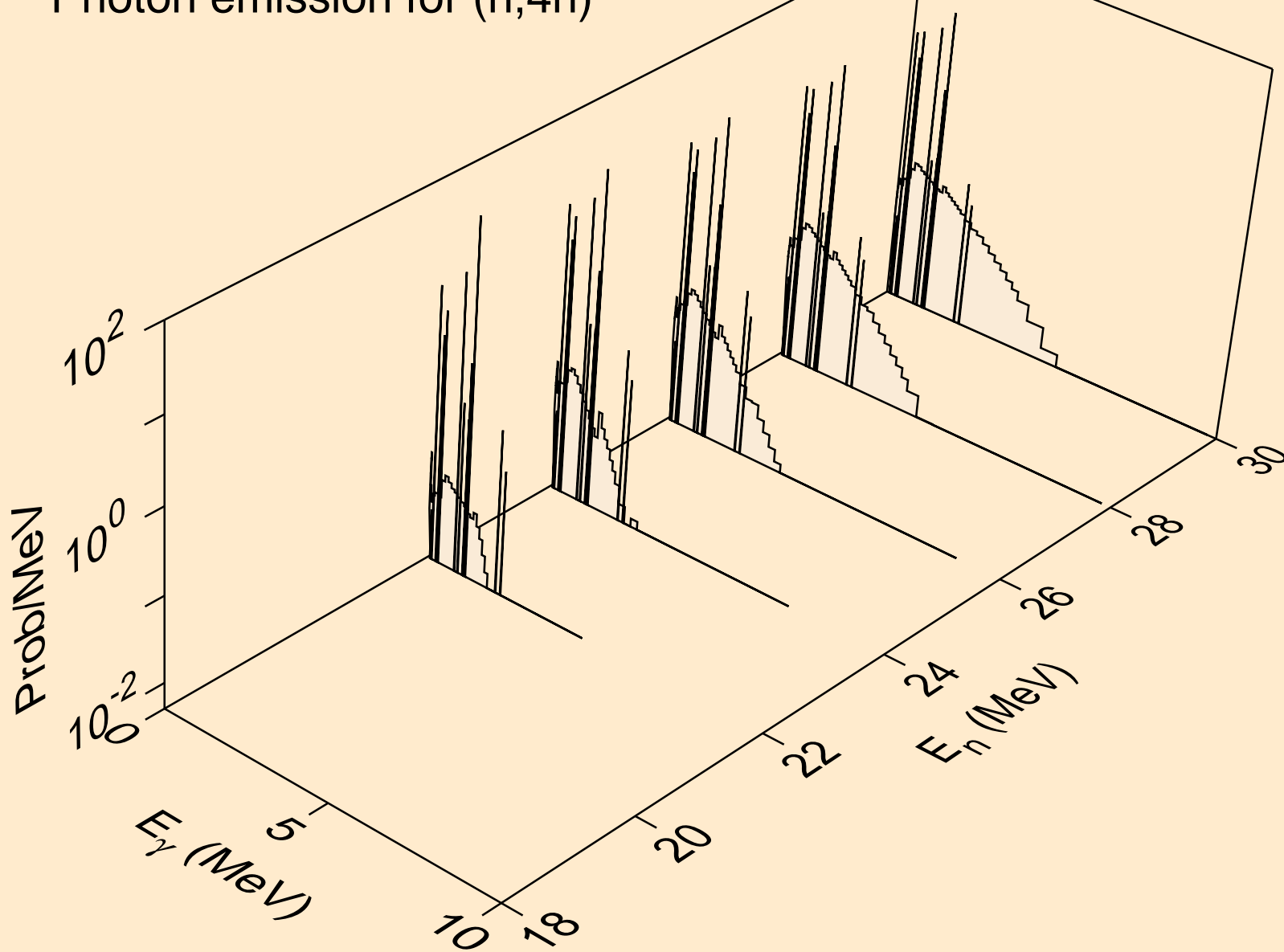
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



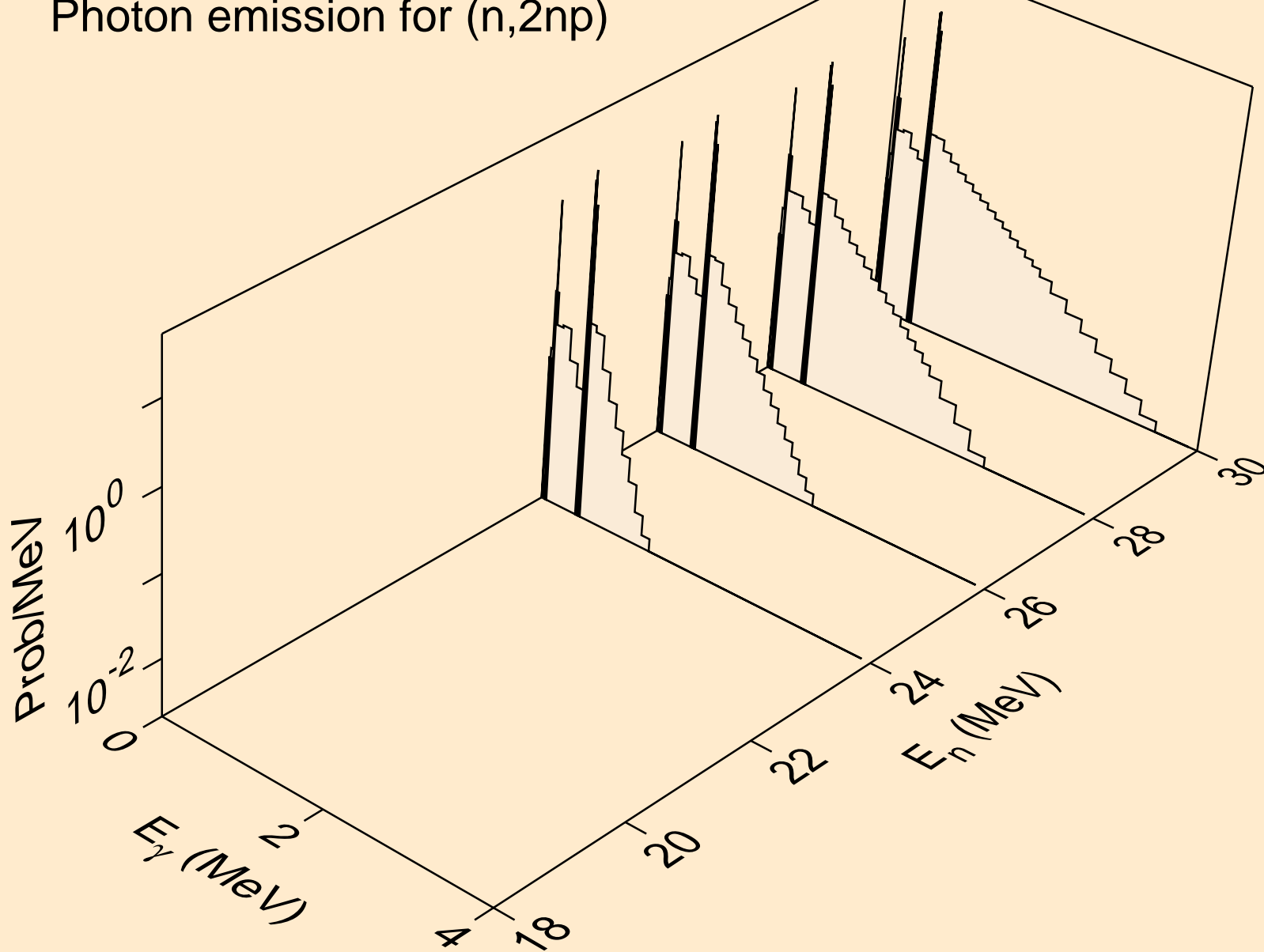
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



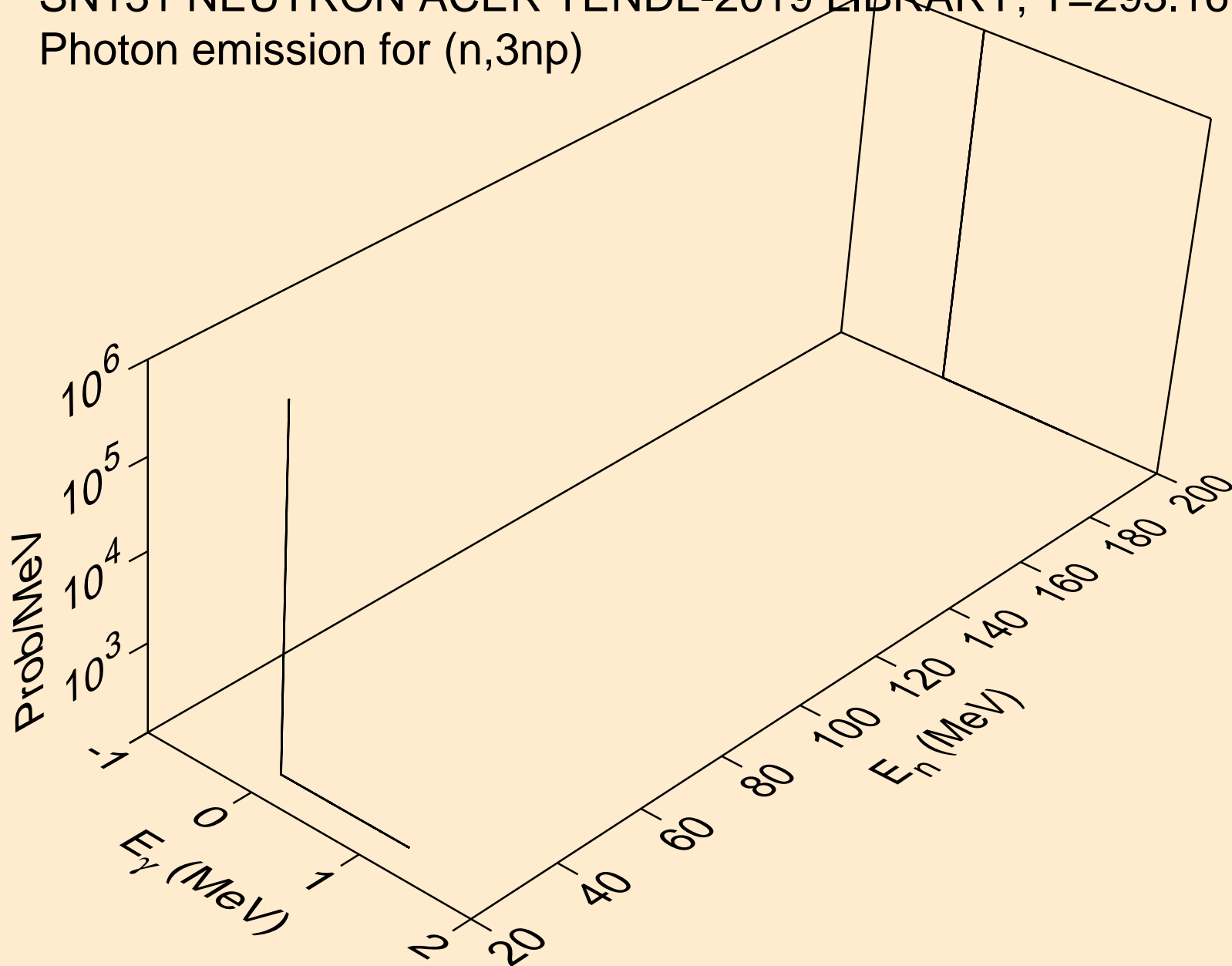
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



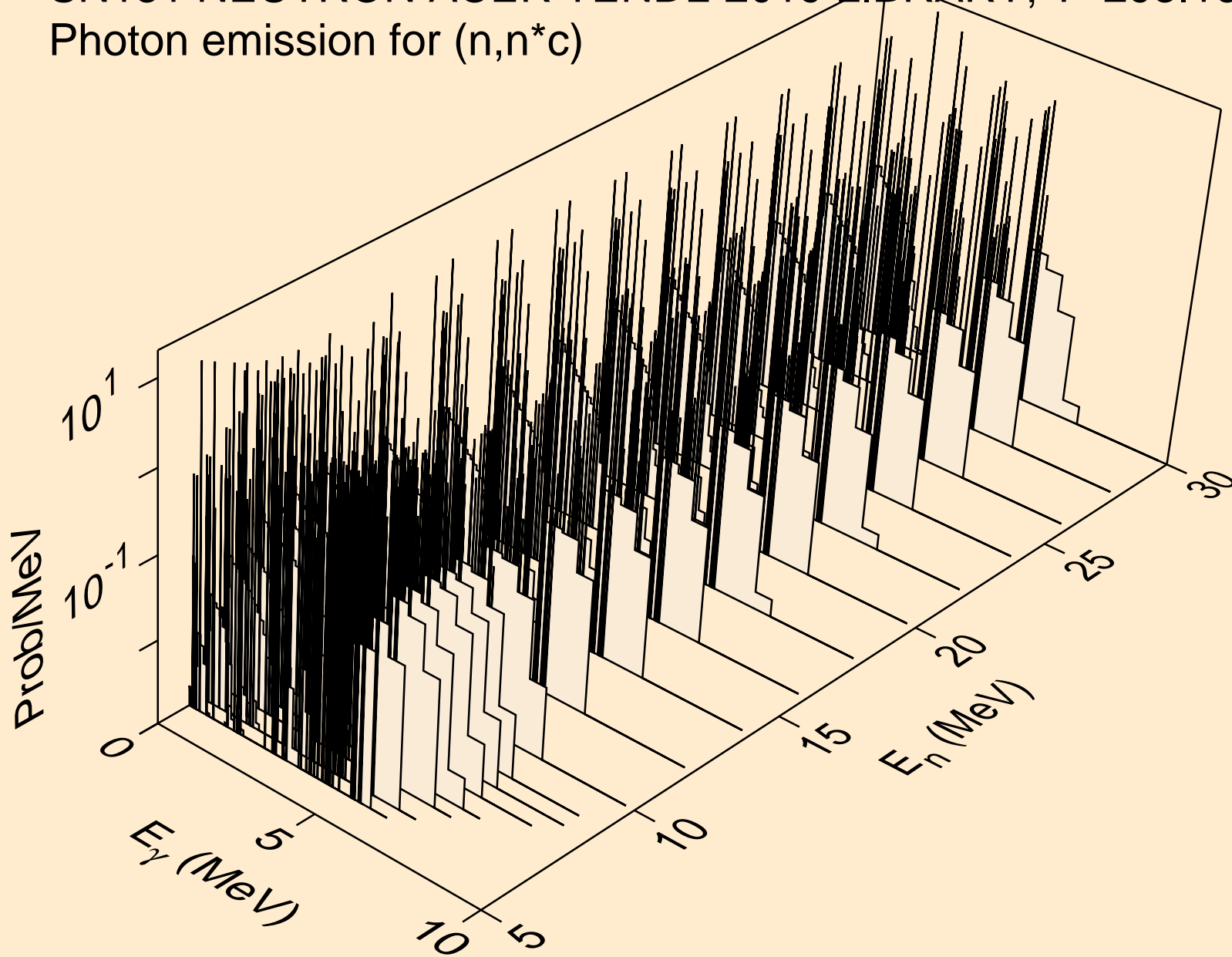
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



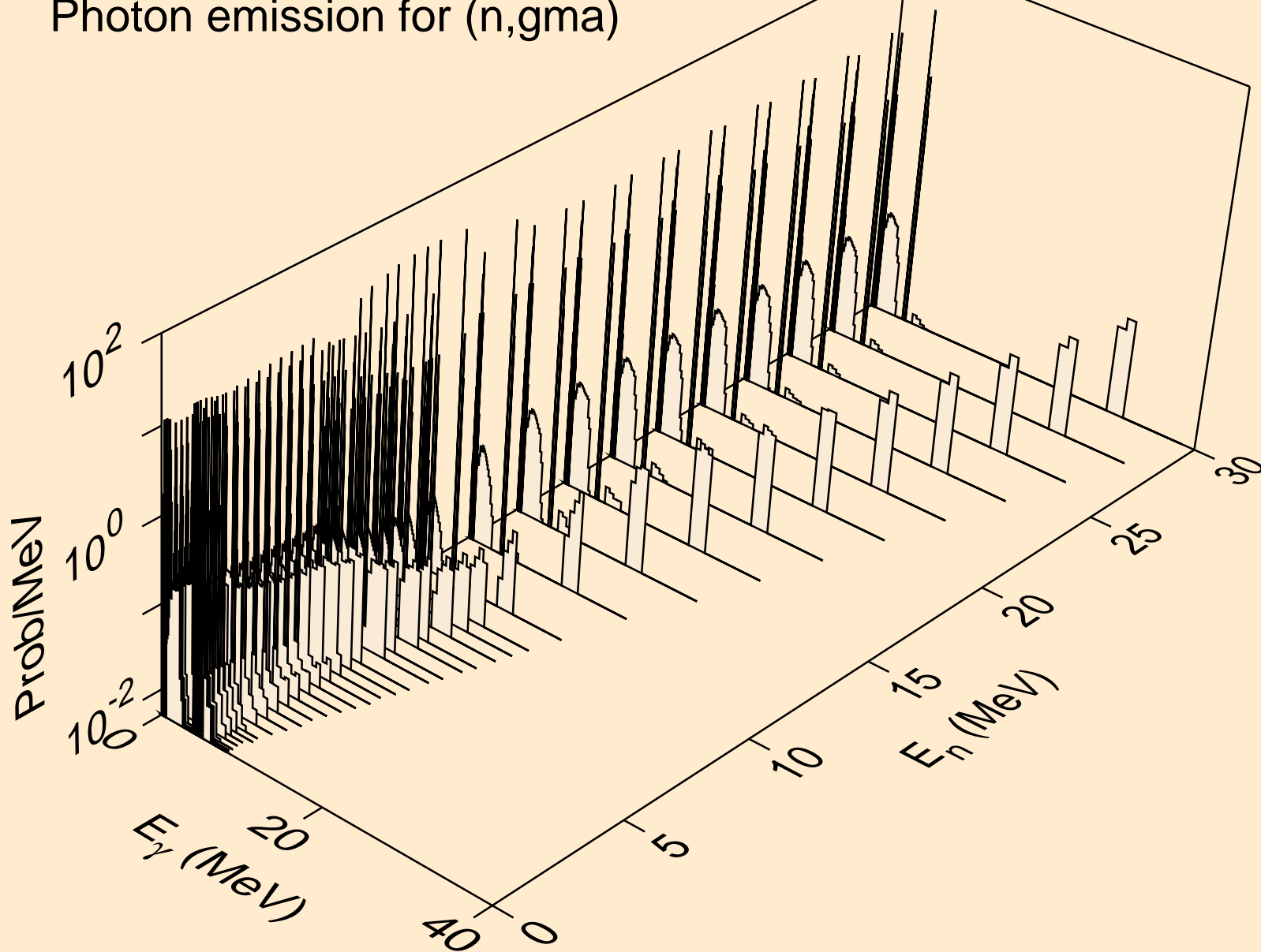
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



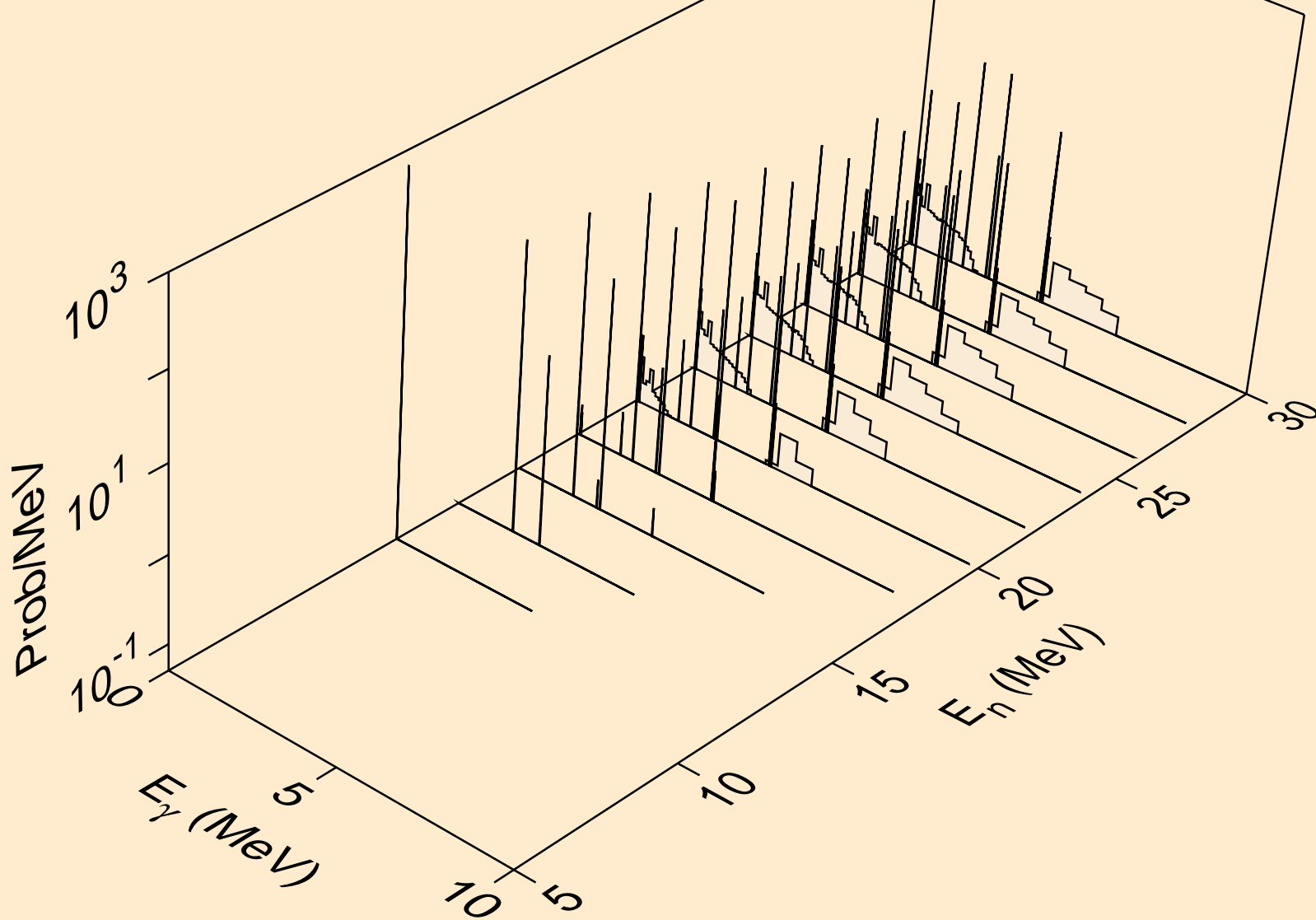
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



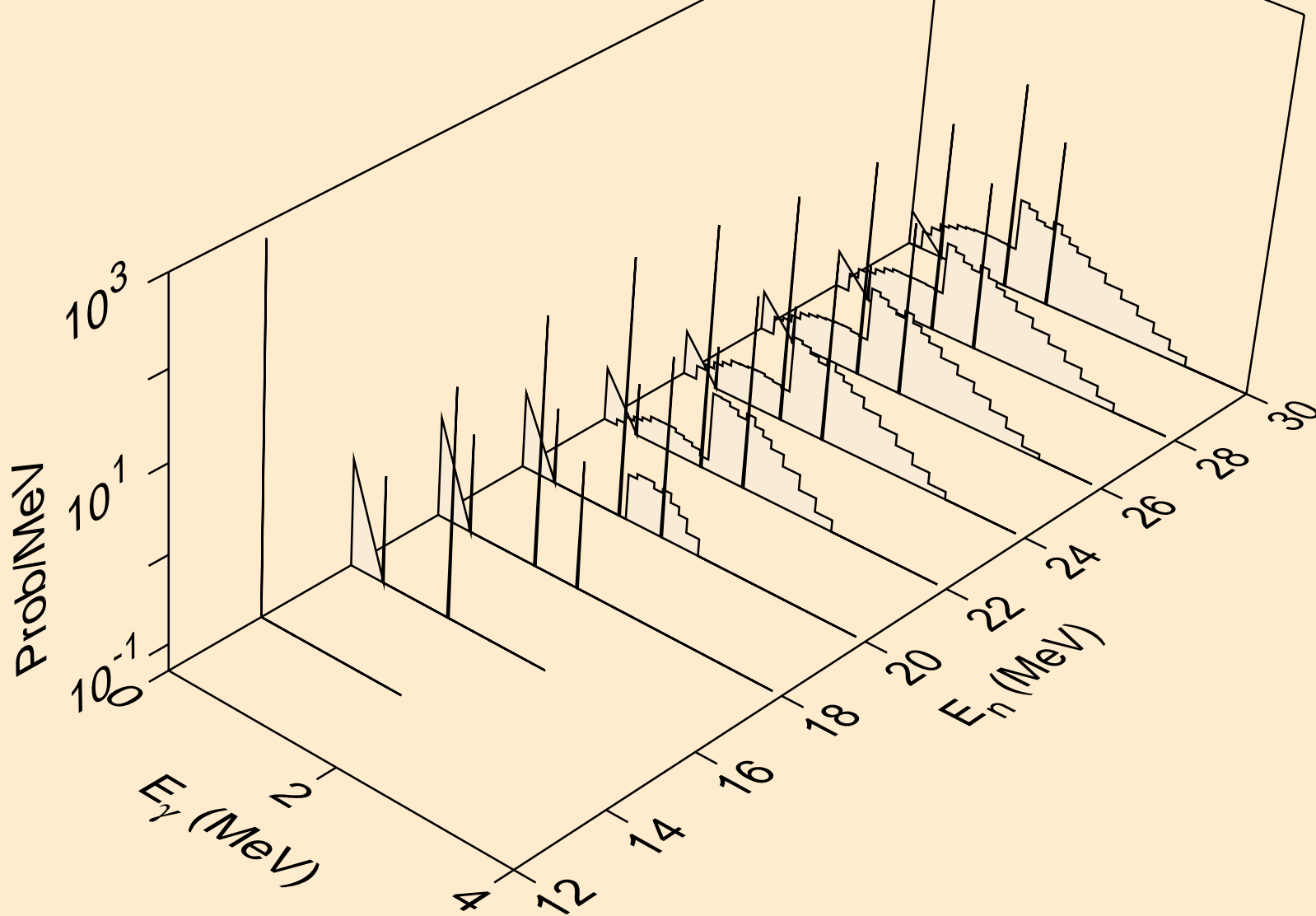
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



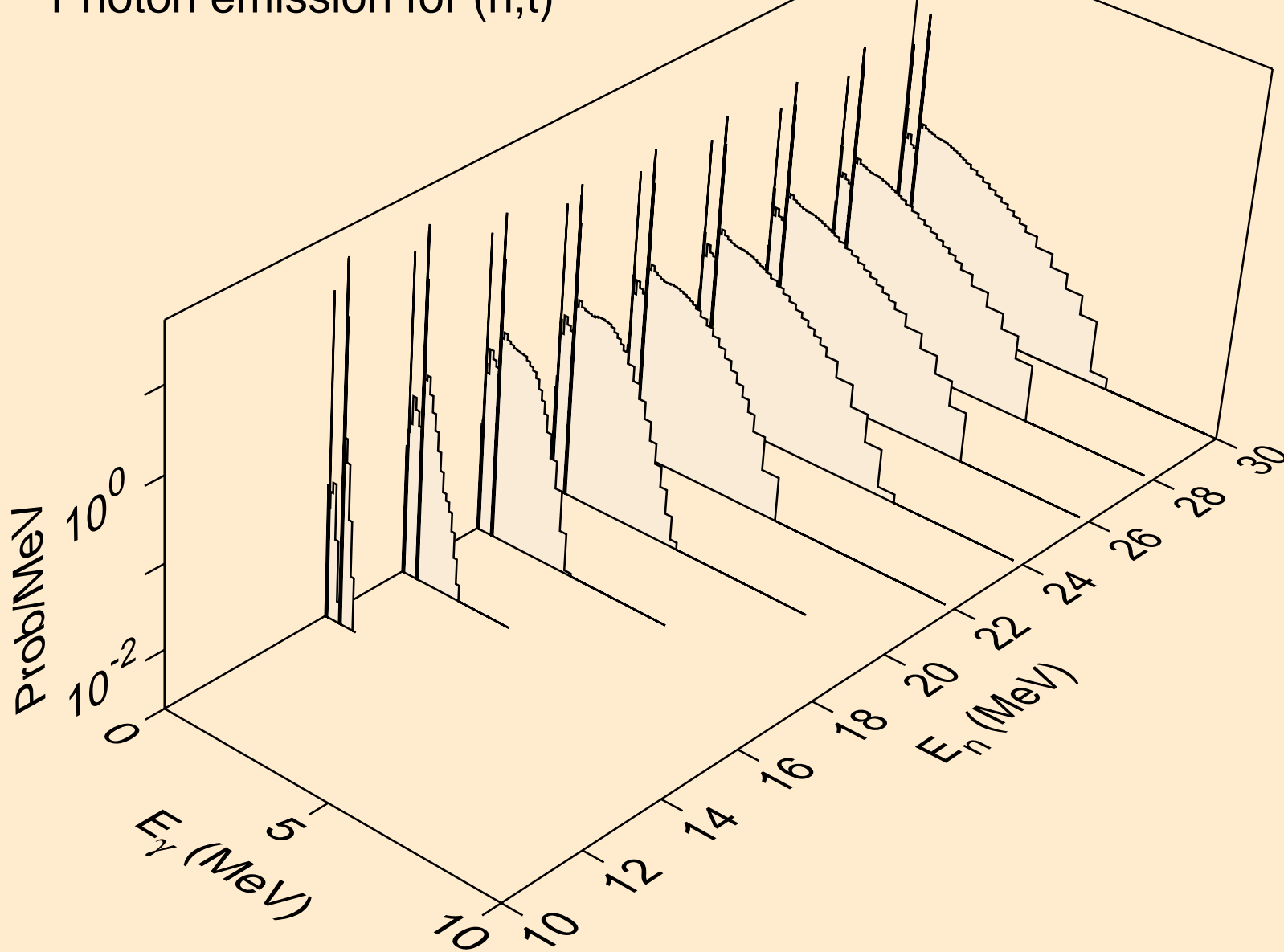
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



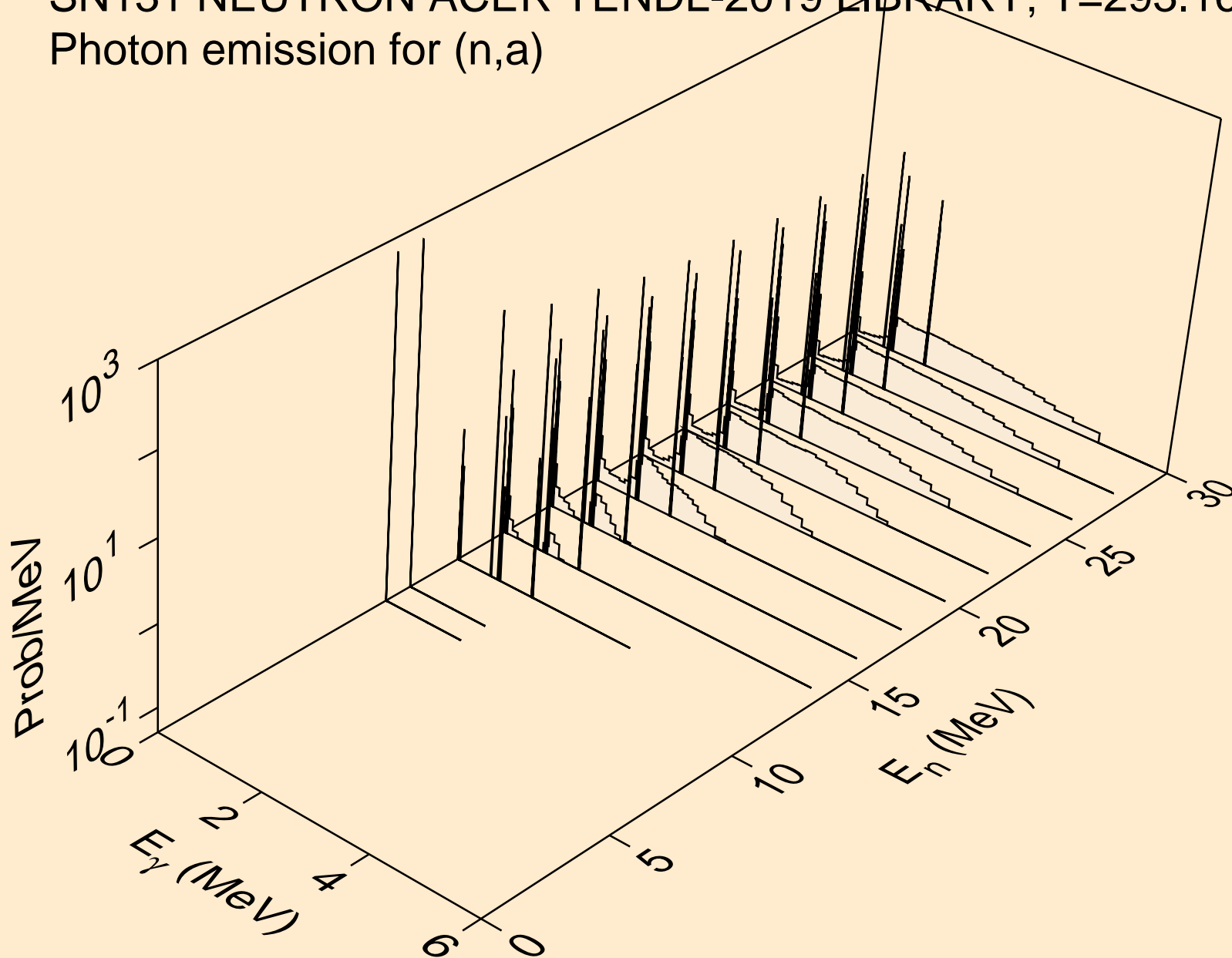
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



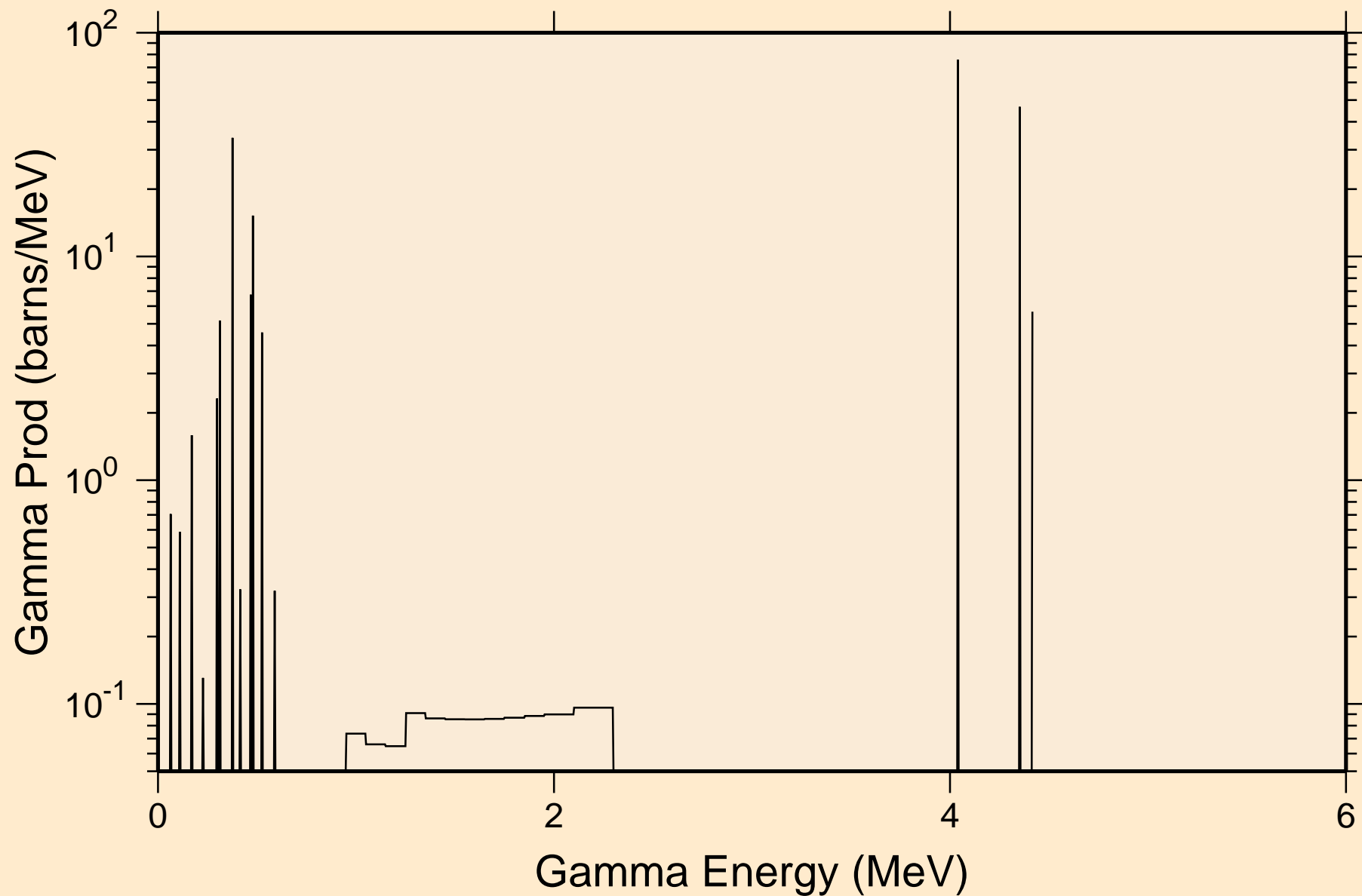
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



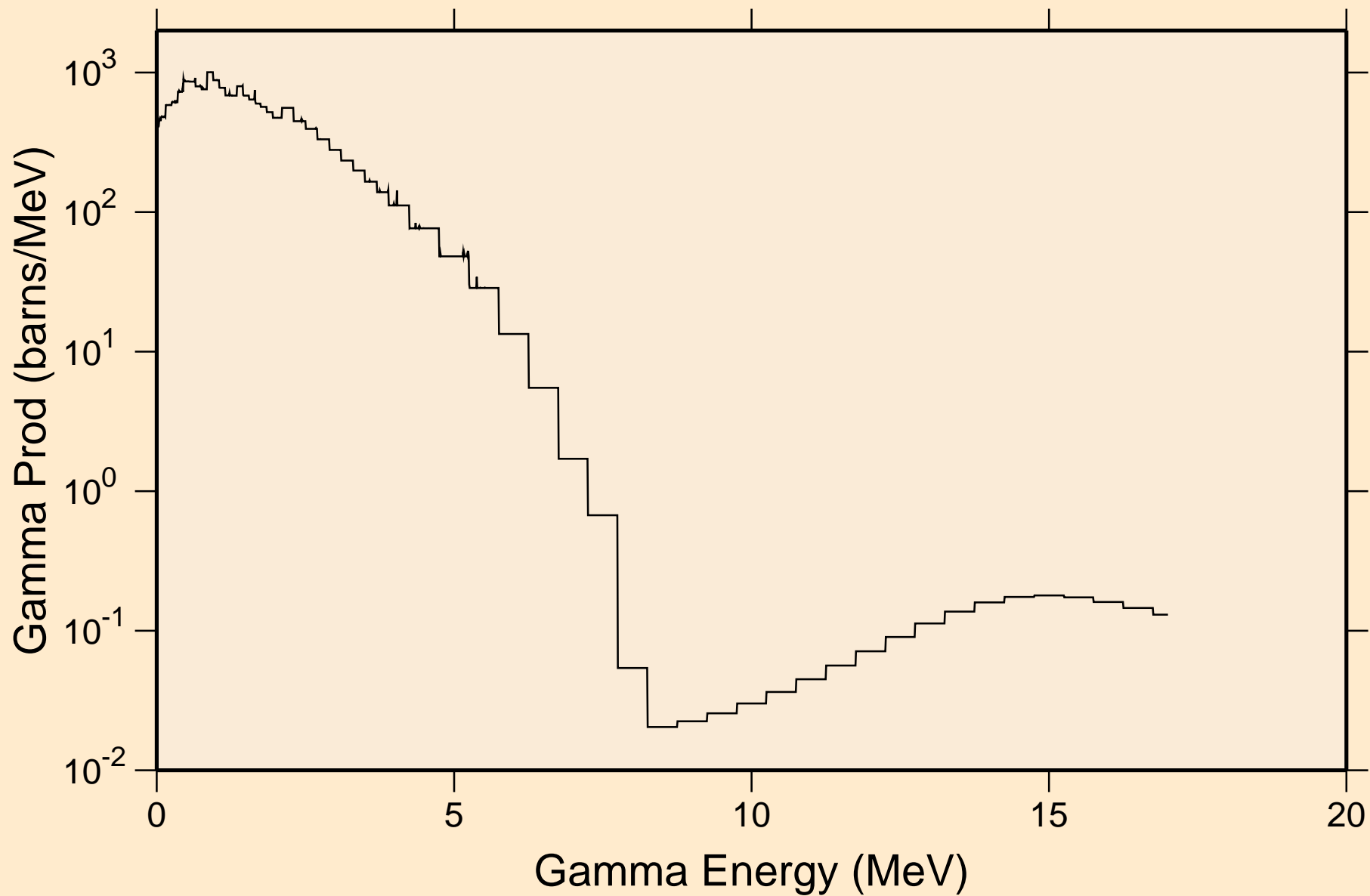
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

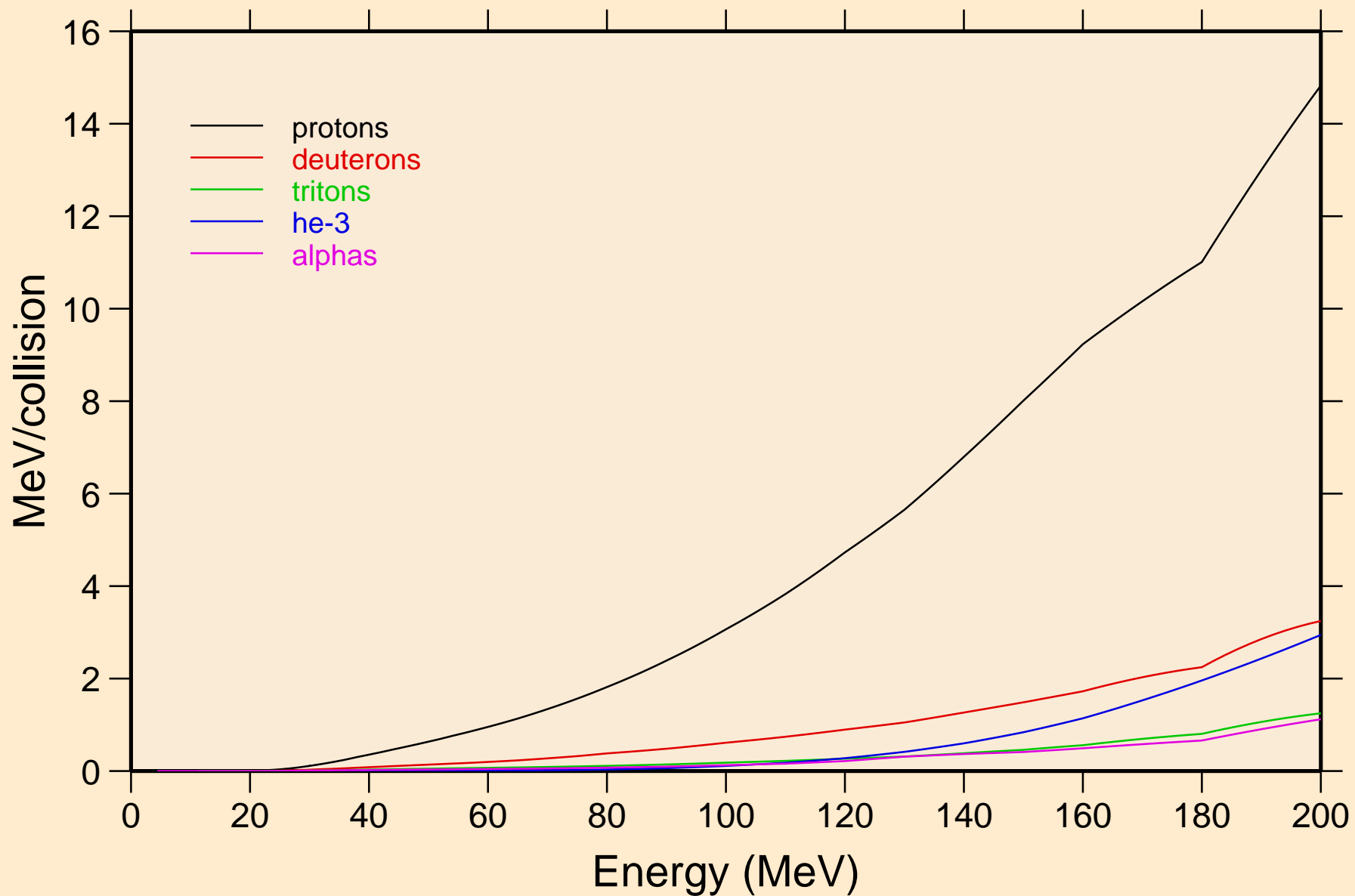


SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

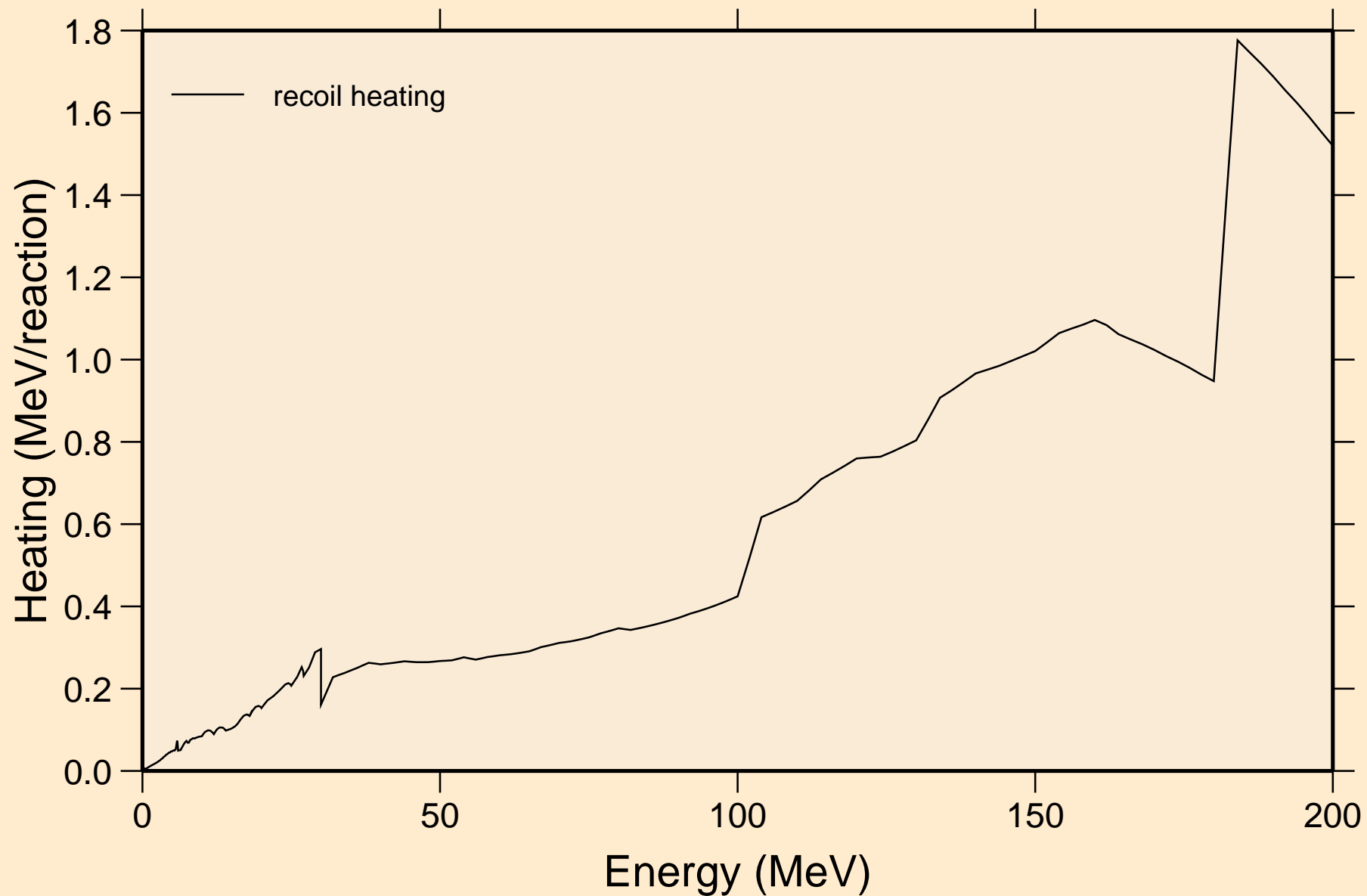


SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Particle heating contributions

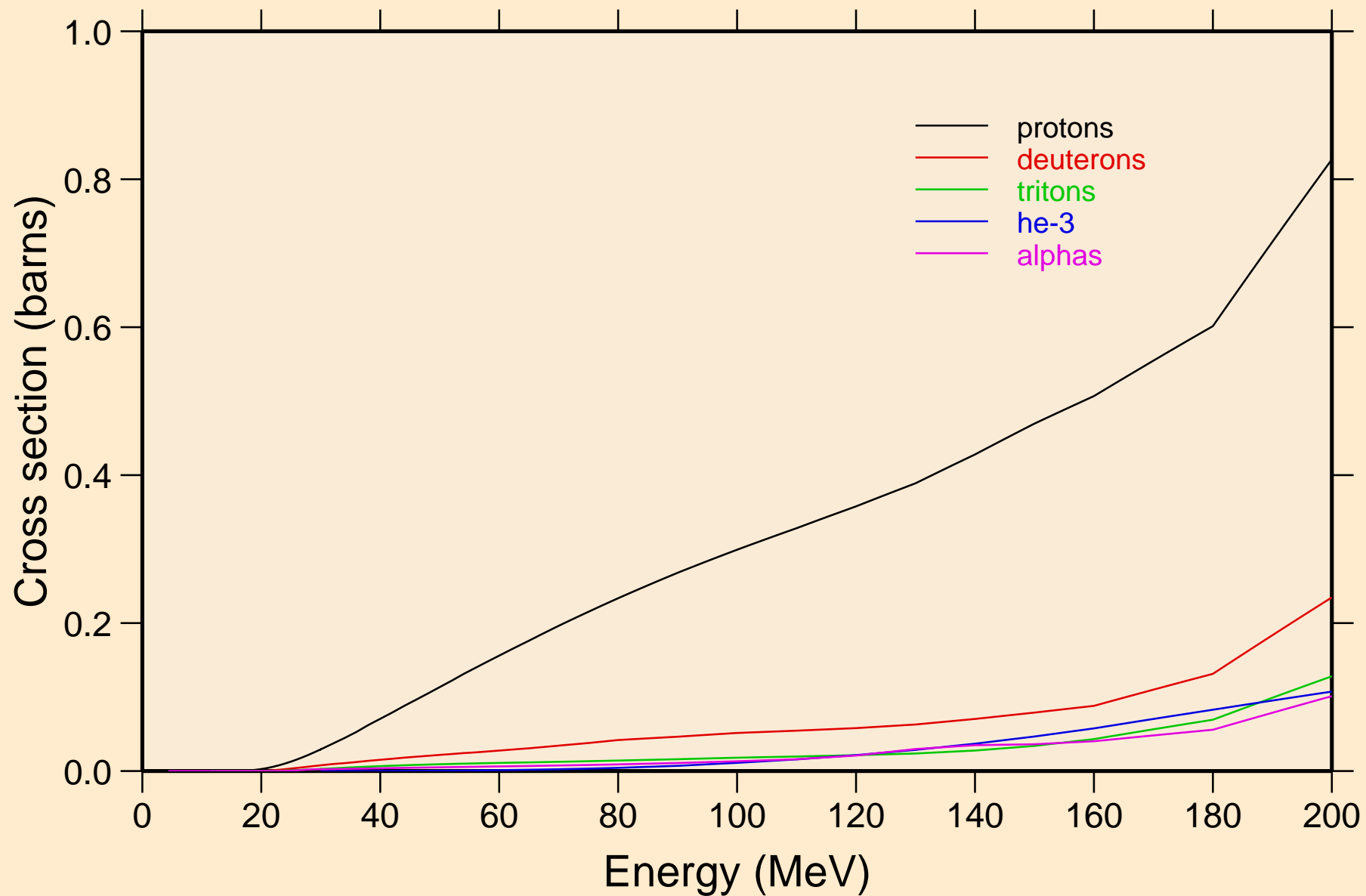


SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

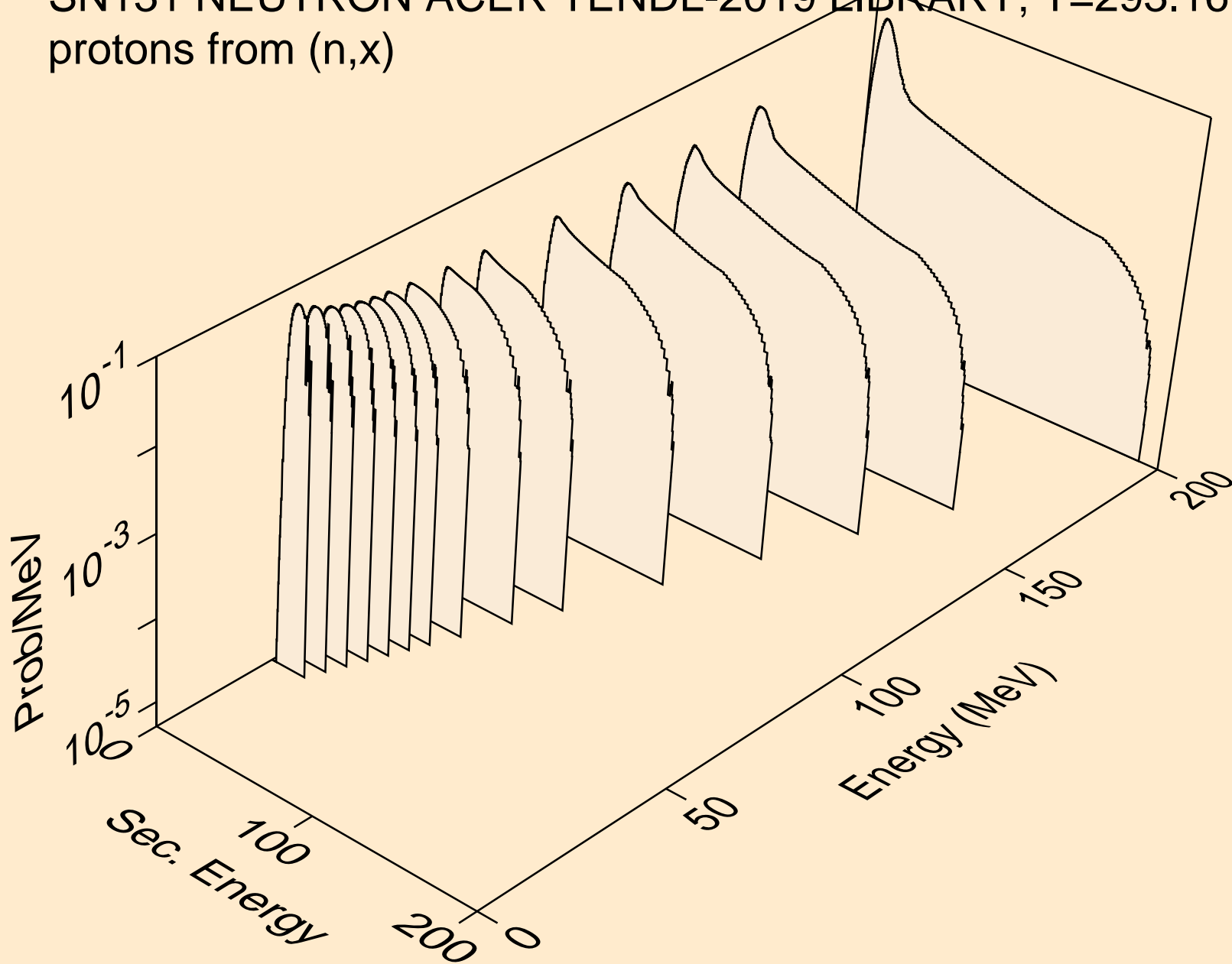


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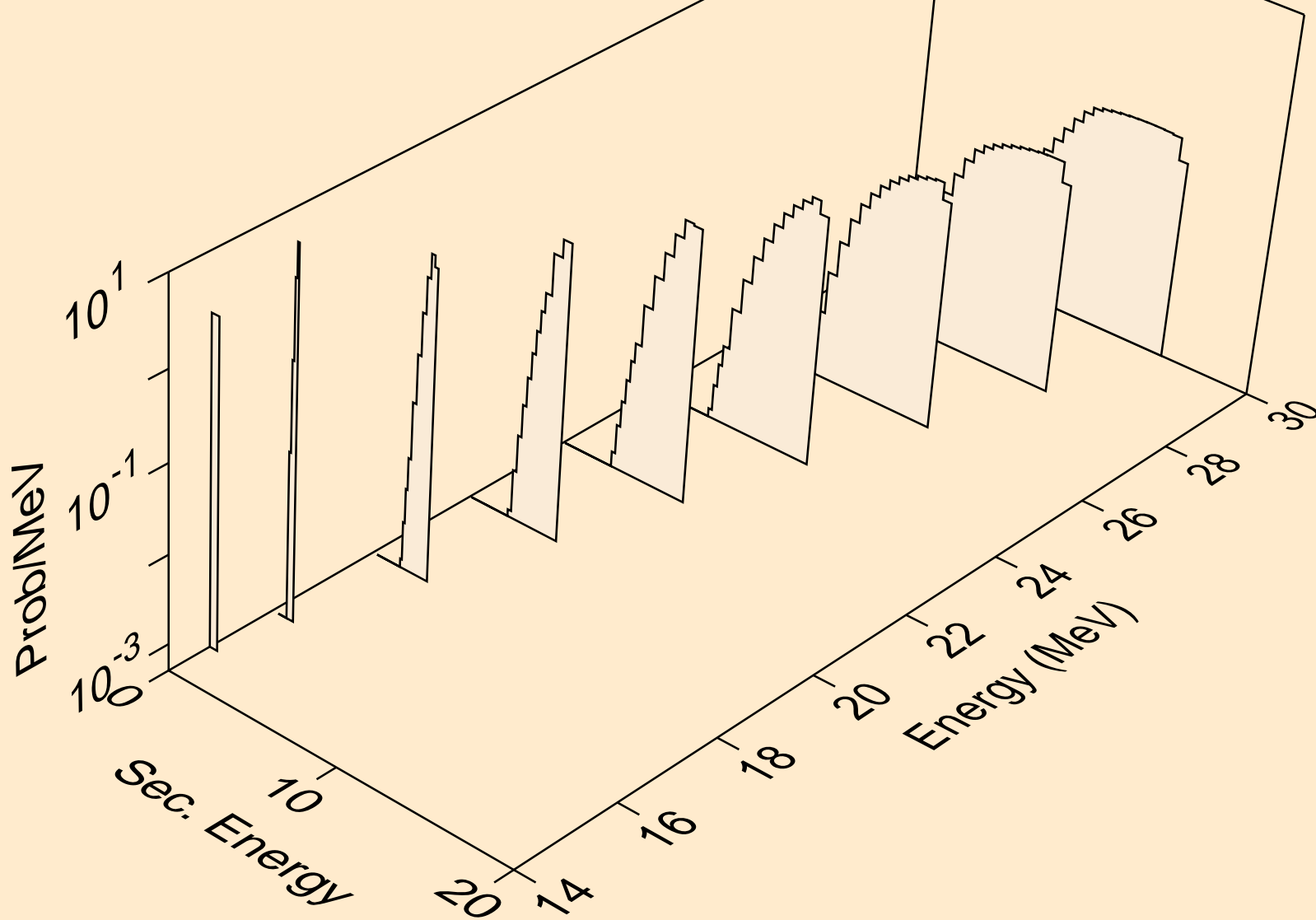
Particle production cross sections



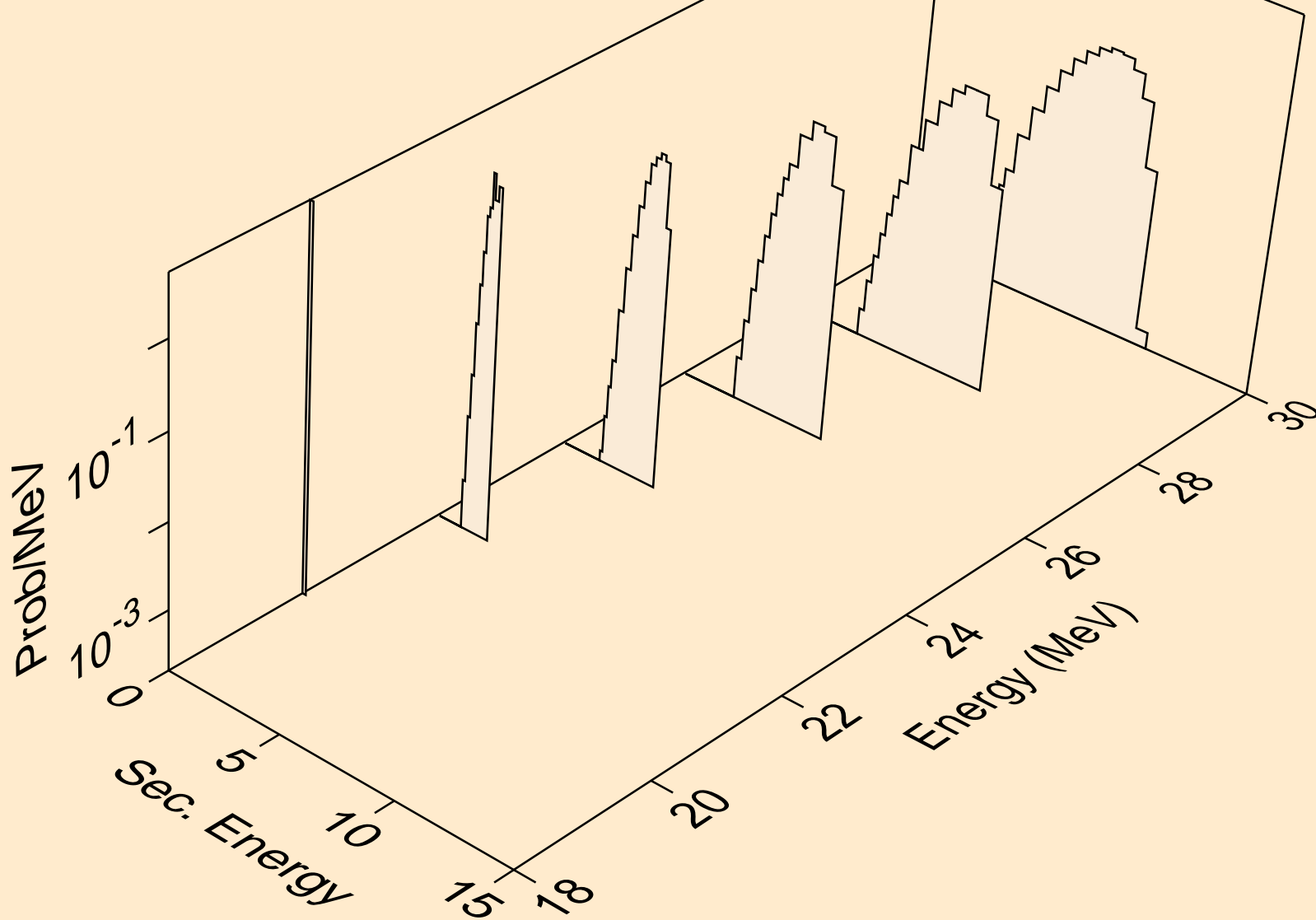
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



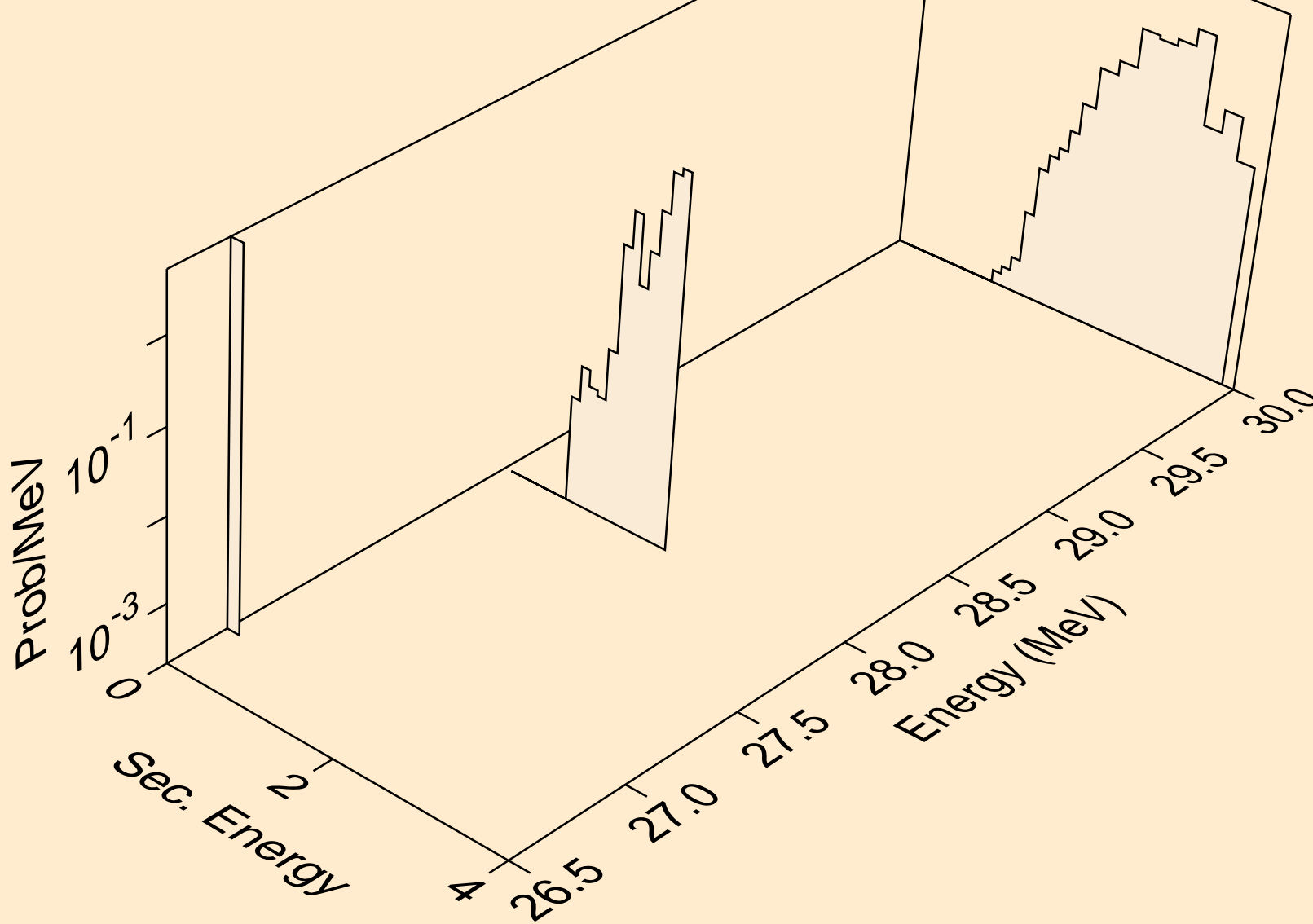
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



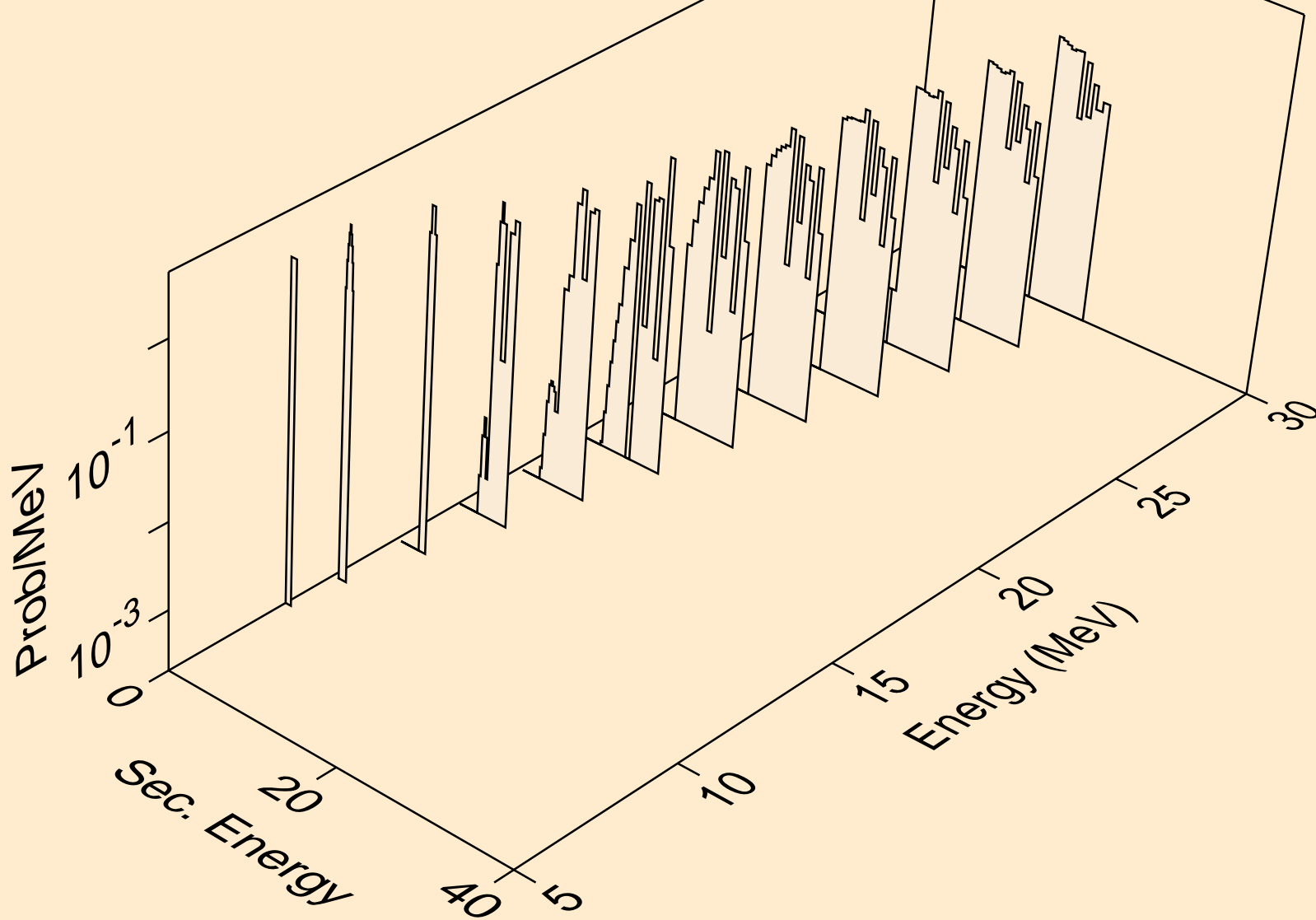
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



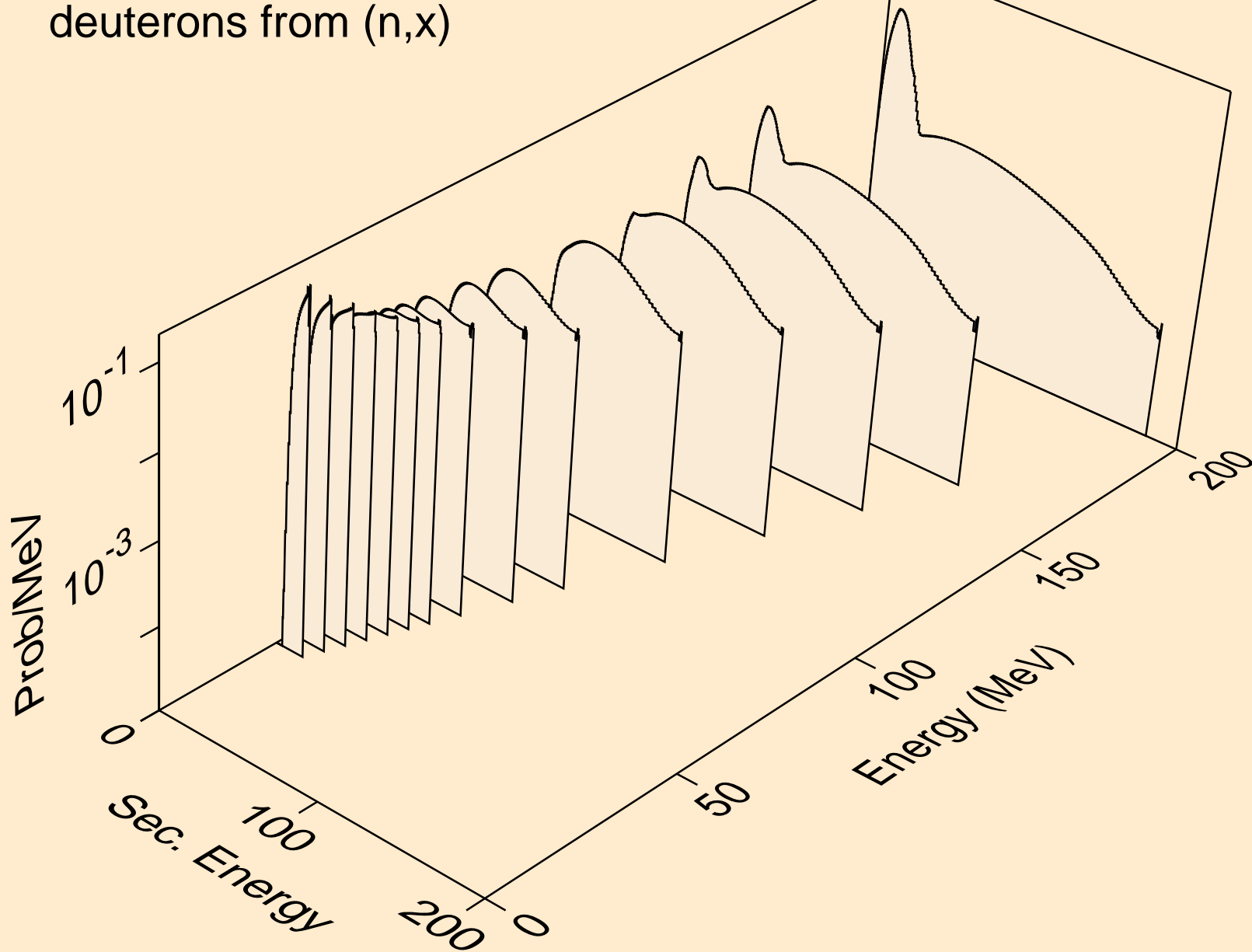
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



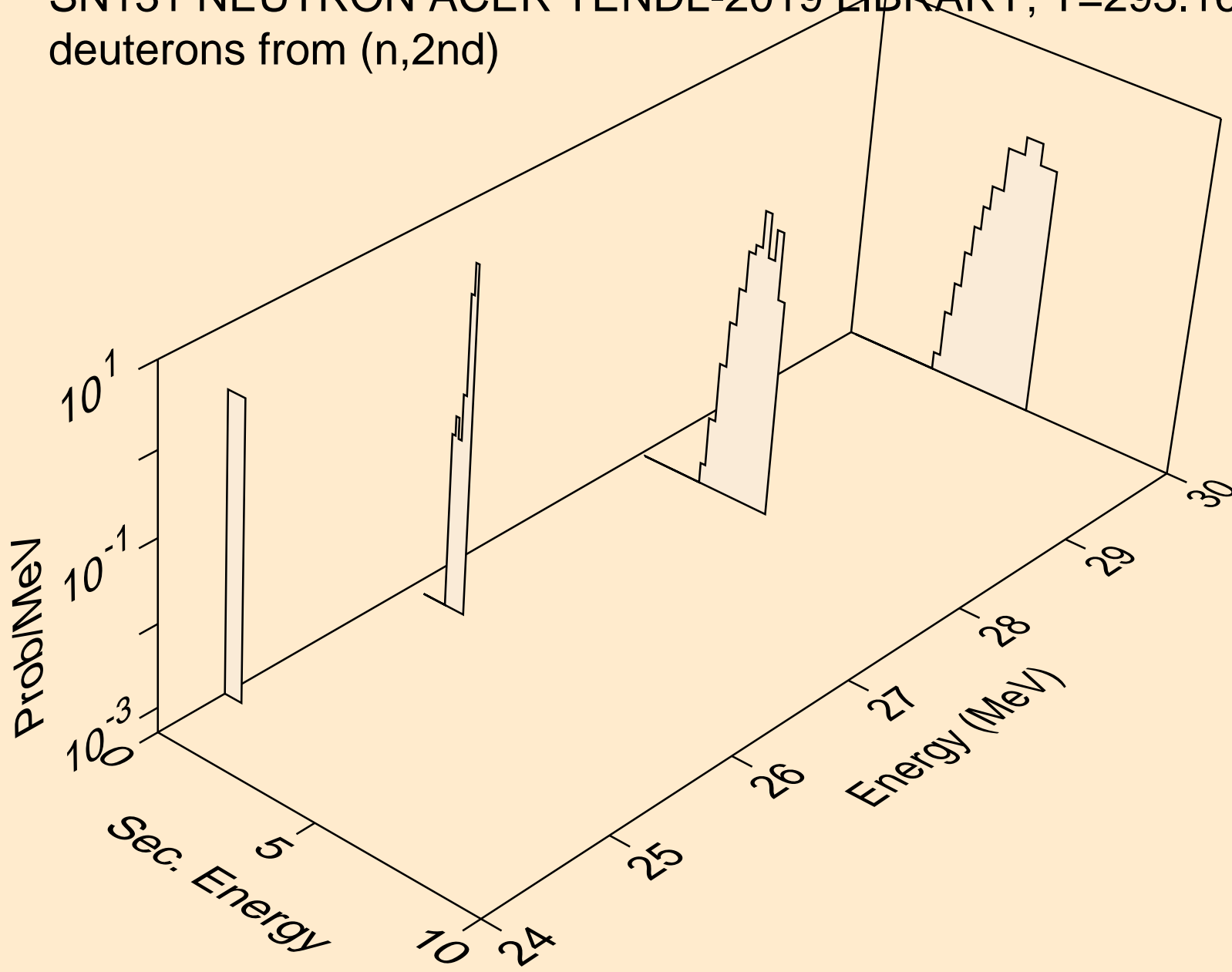
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



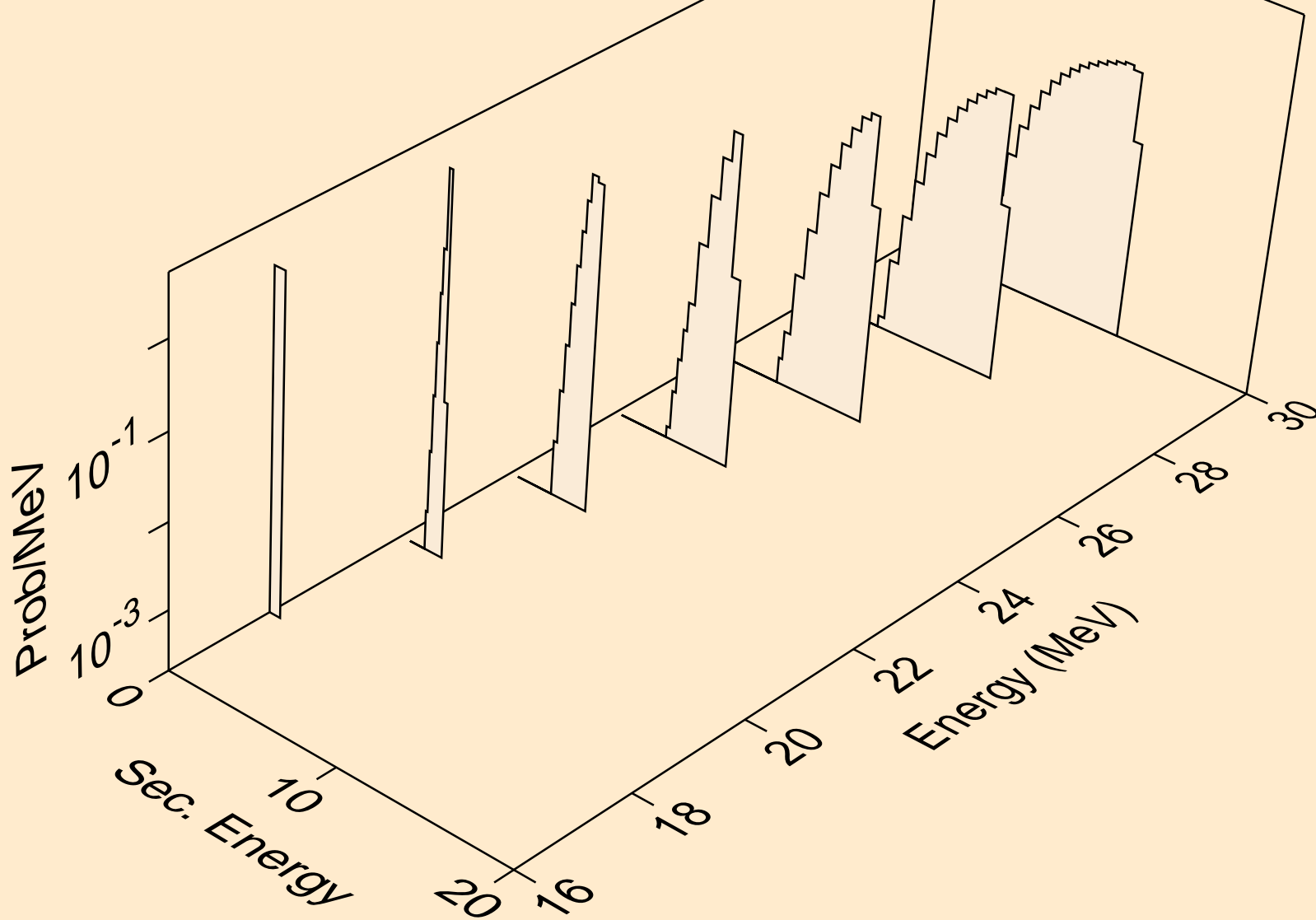
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



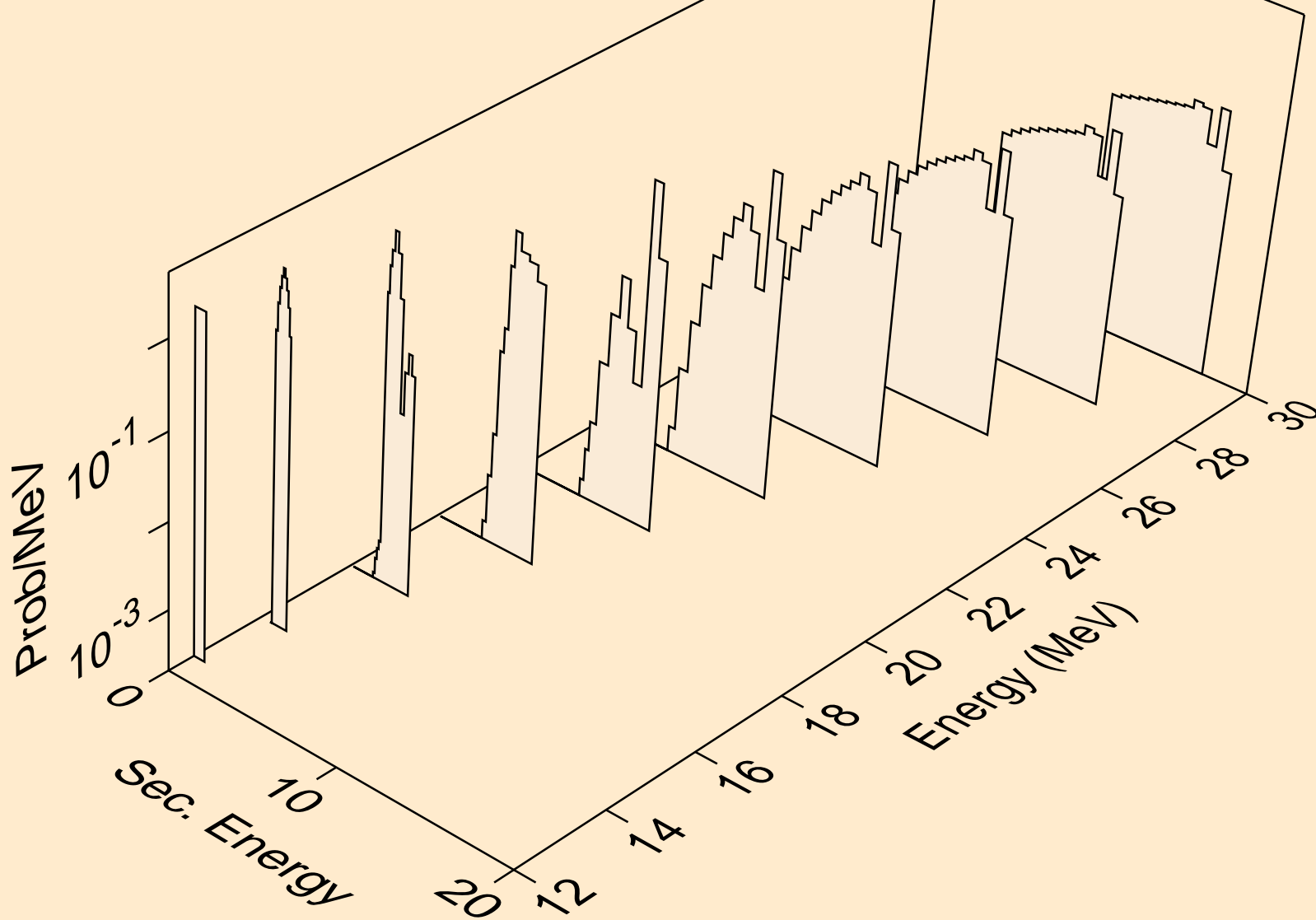
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



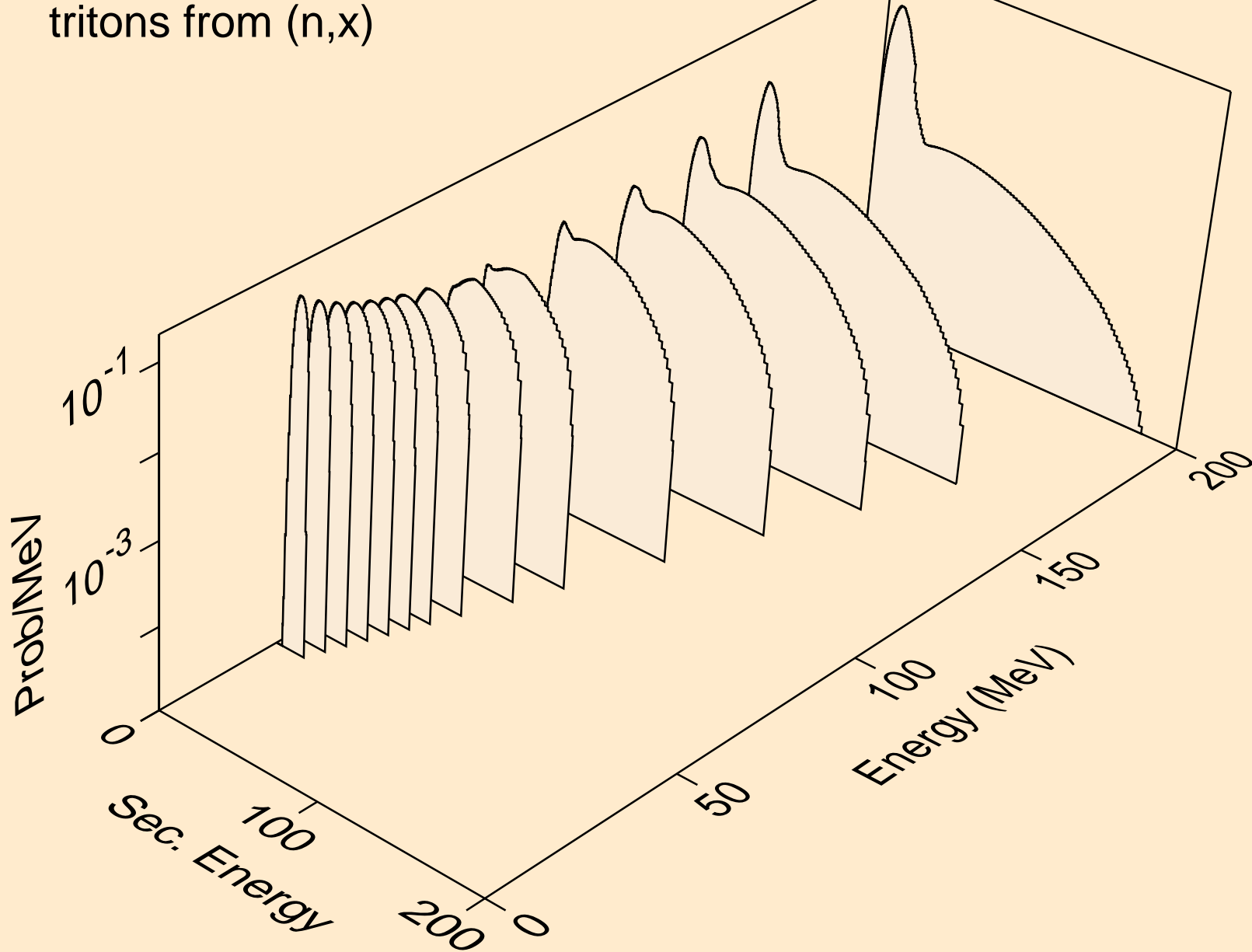
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



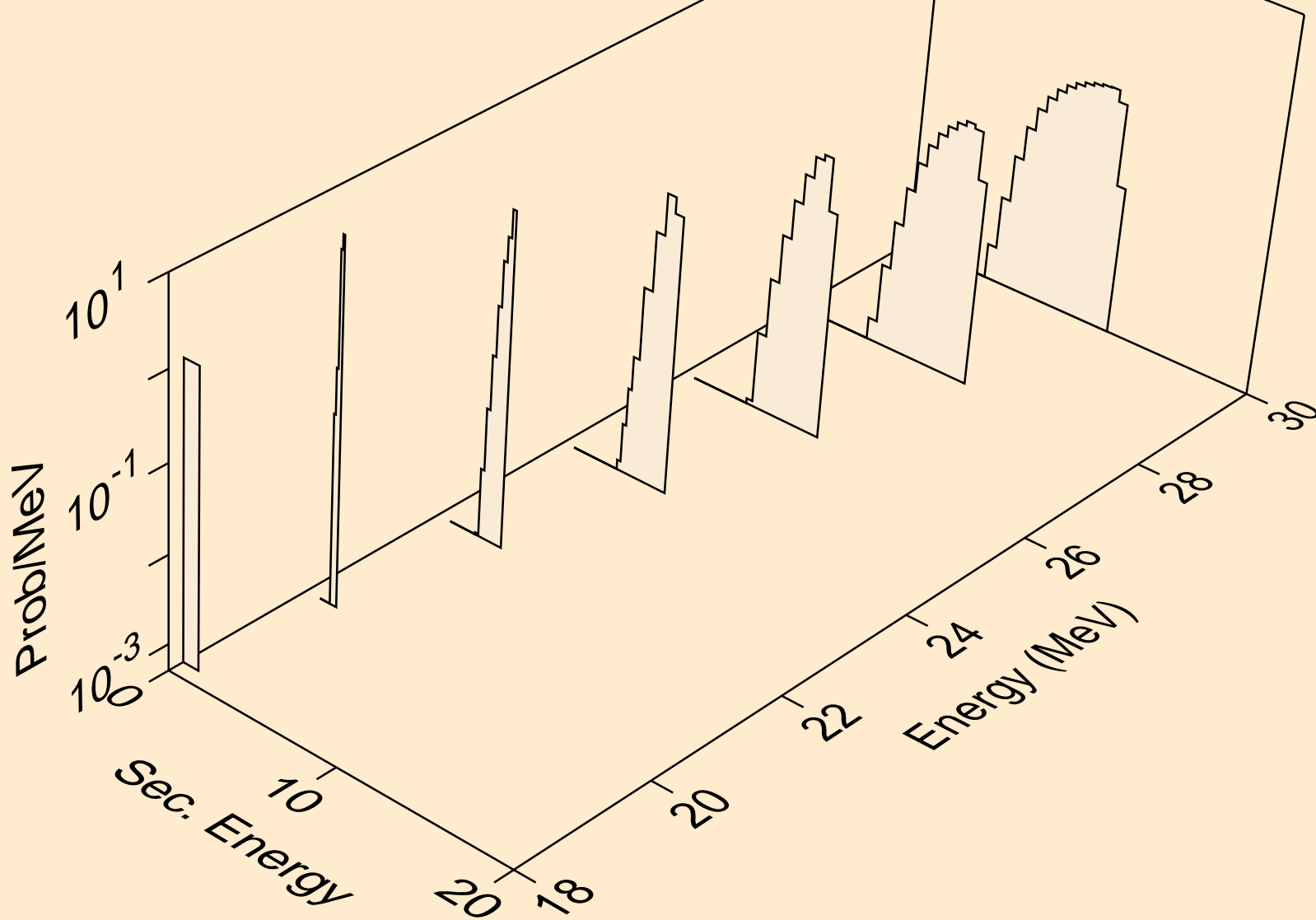
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



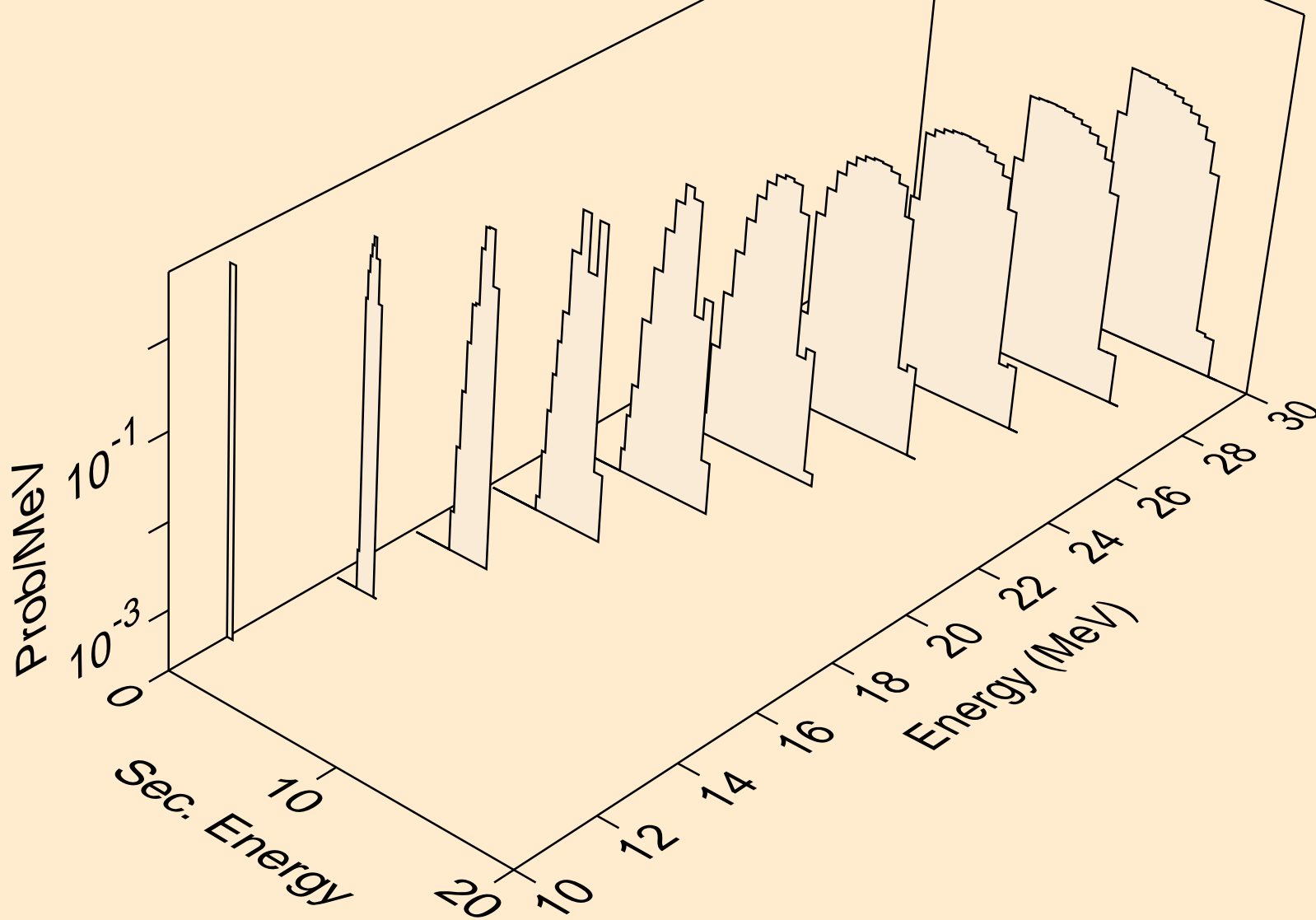
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



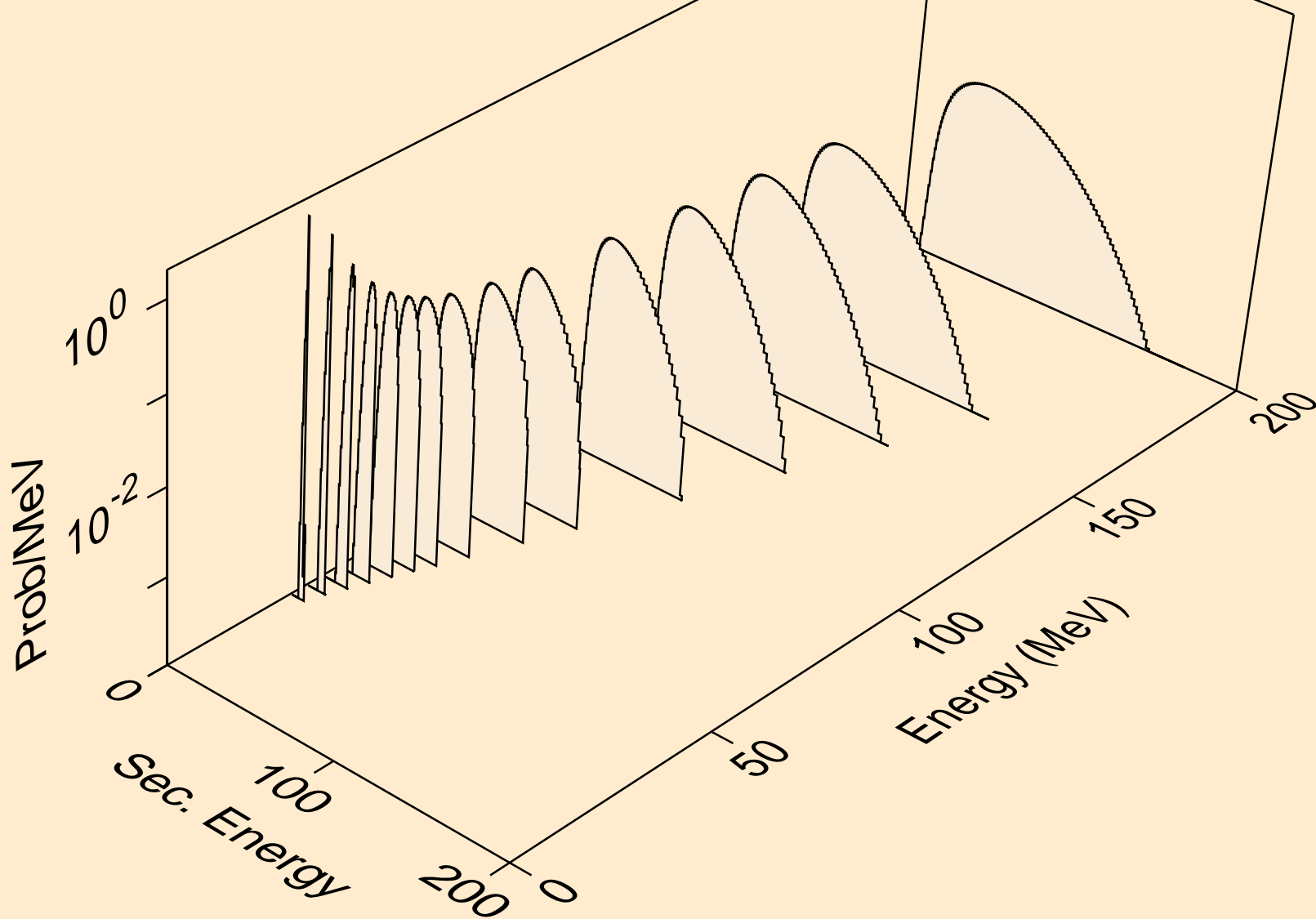
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



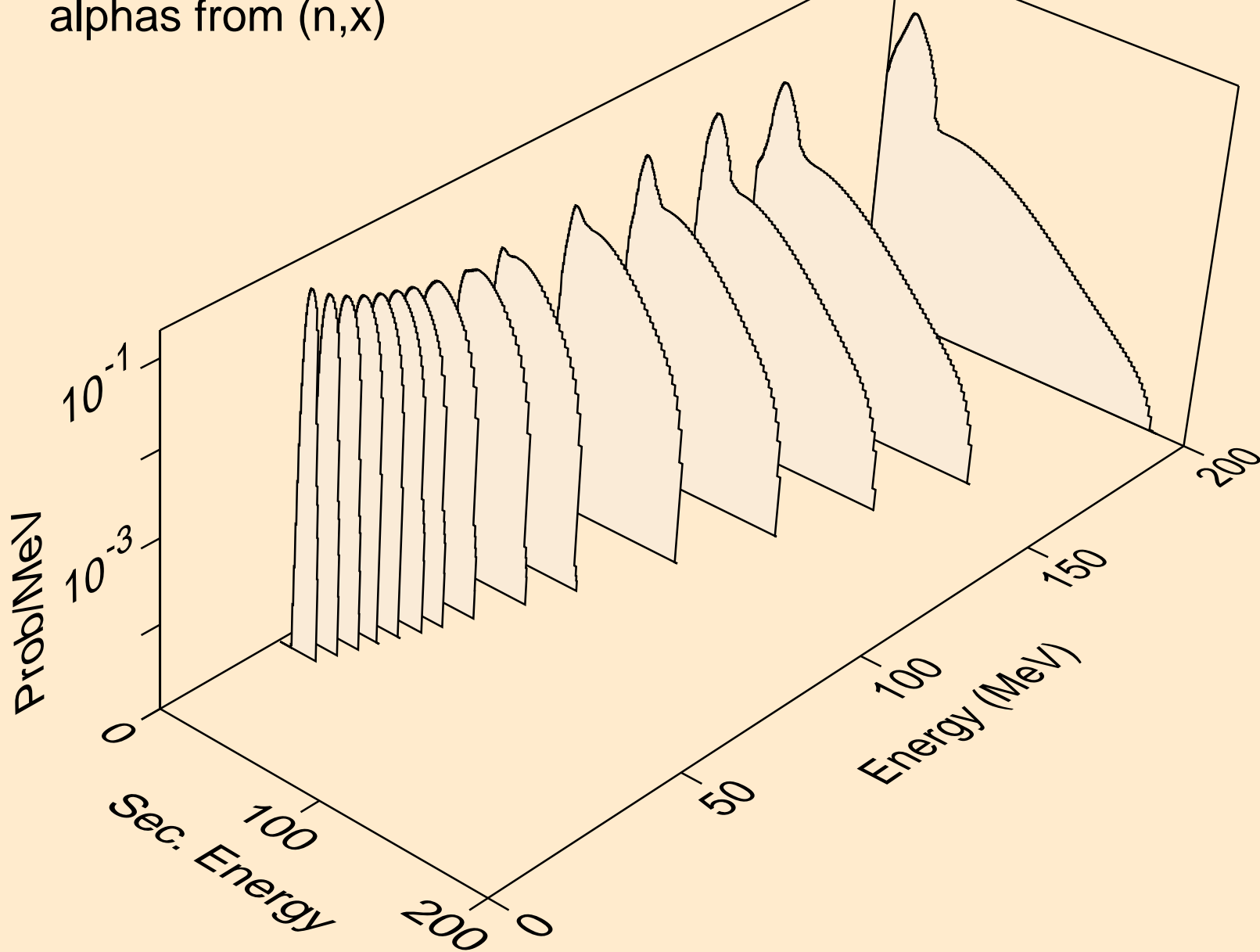
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



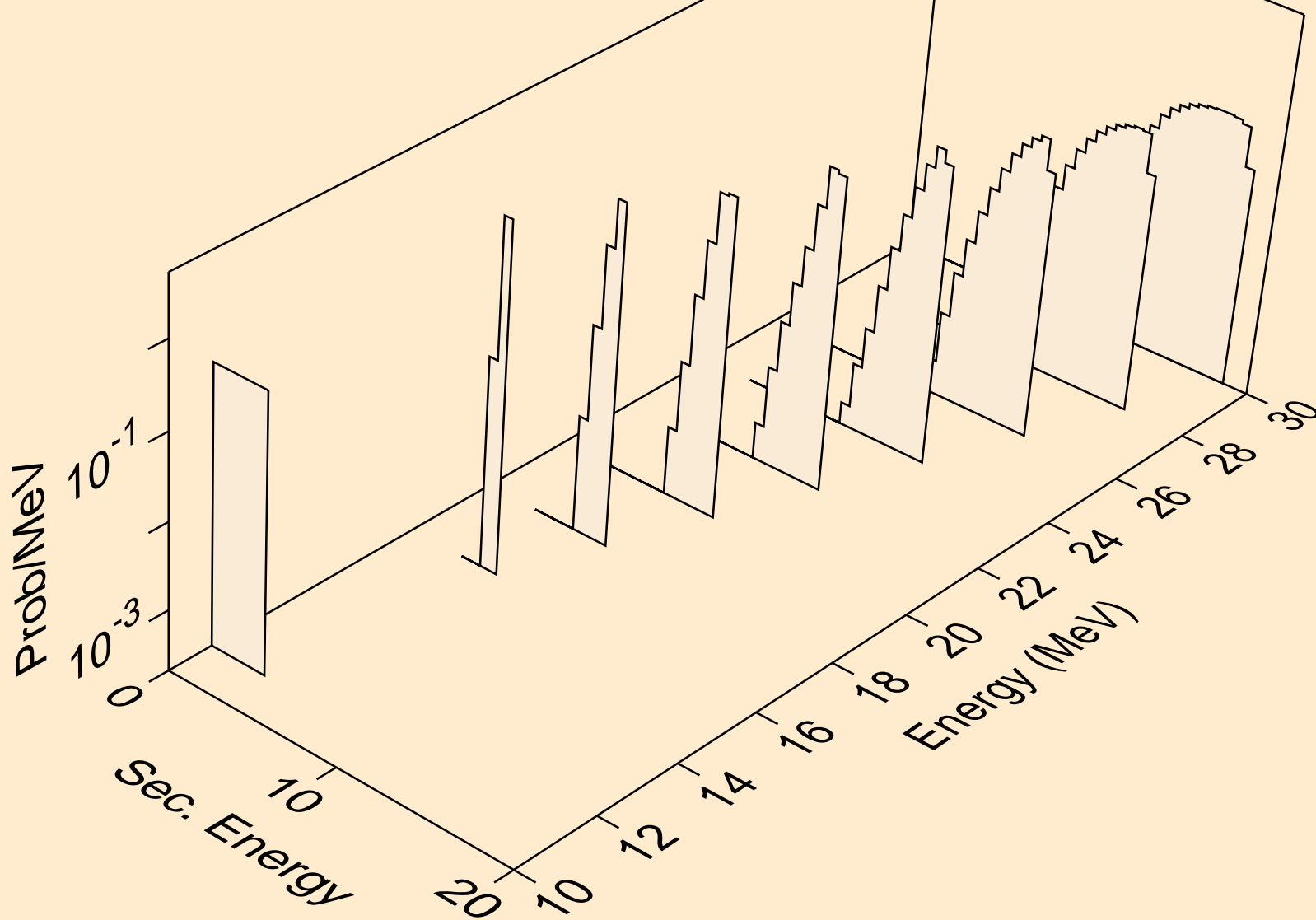
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



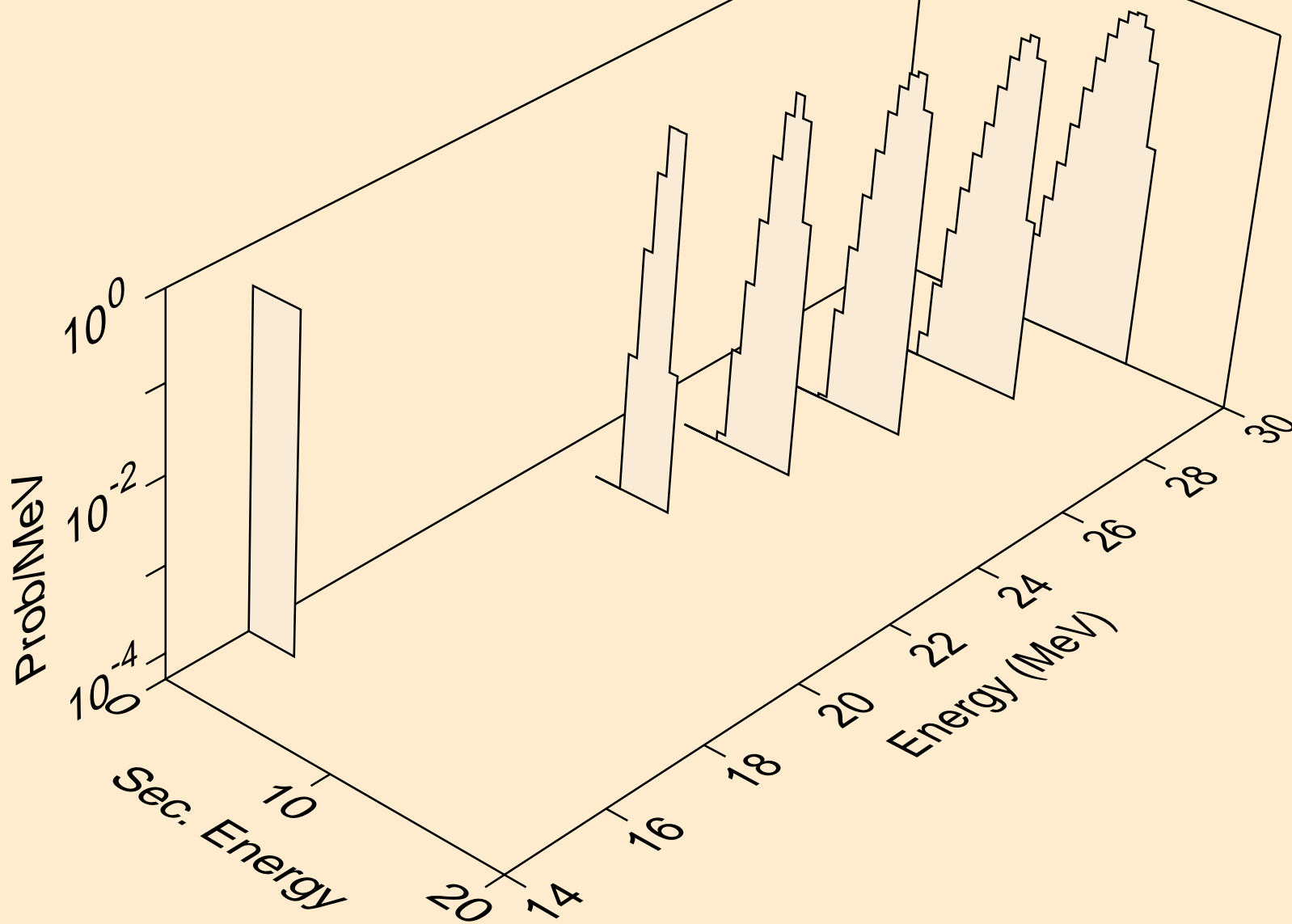
SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



SN131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)

