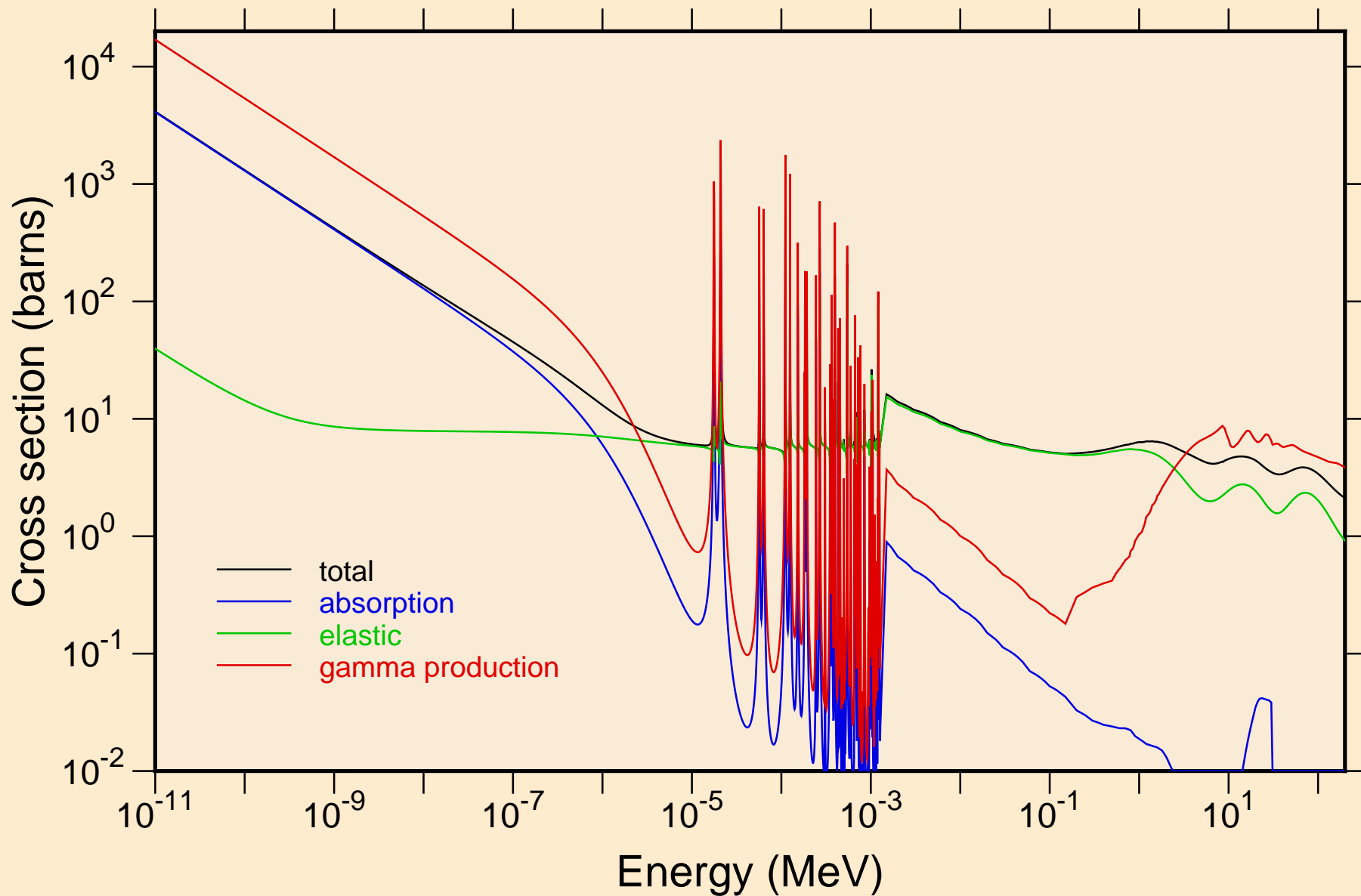
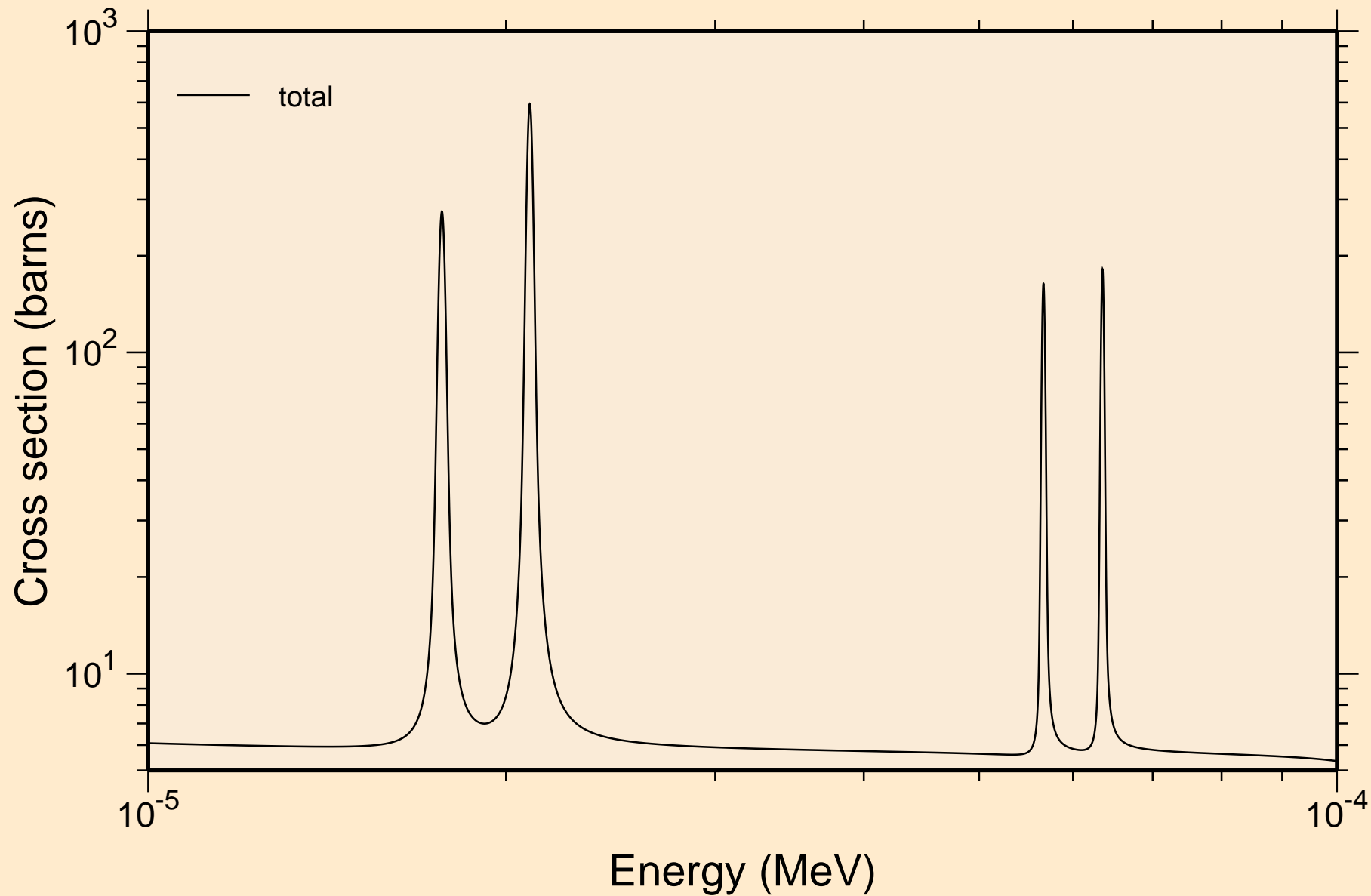


I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

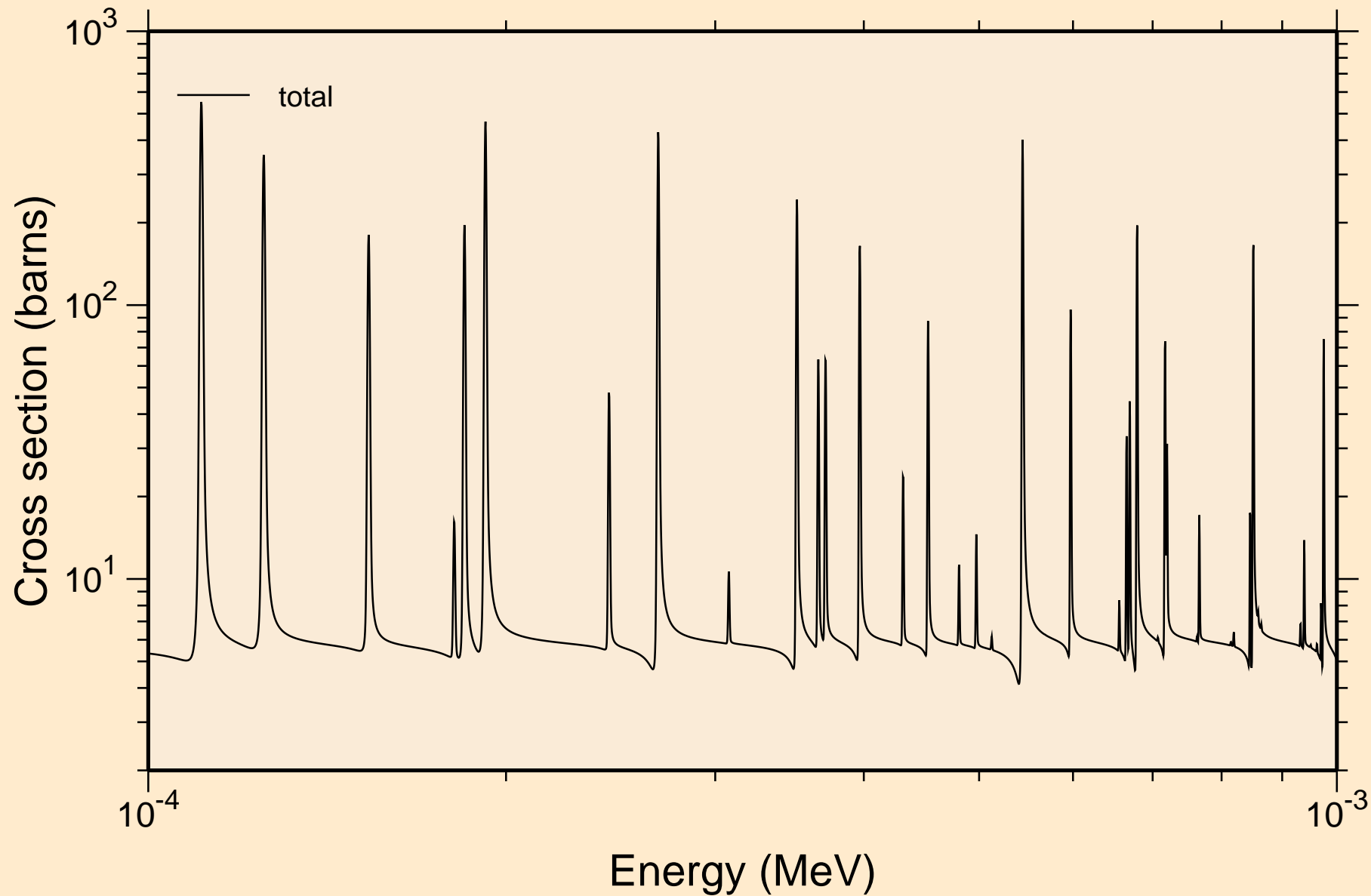
Principal cross sections



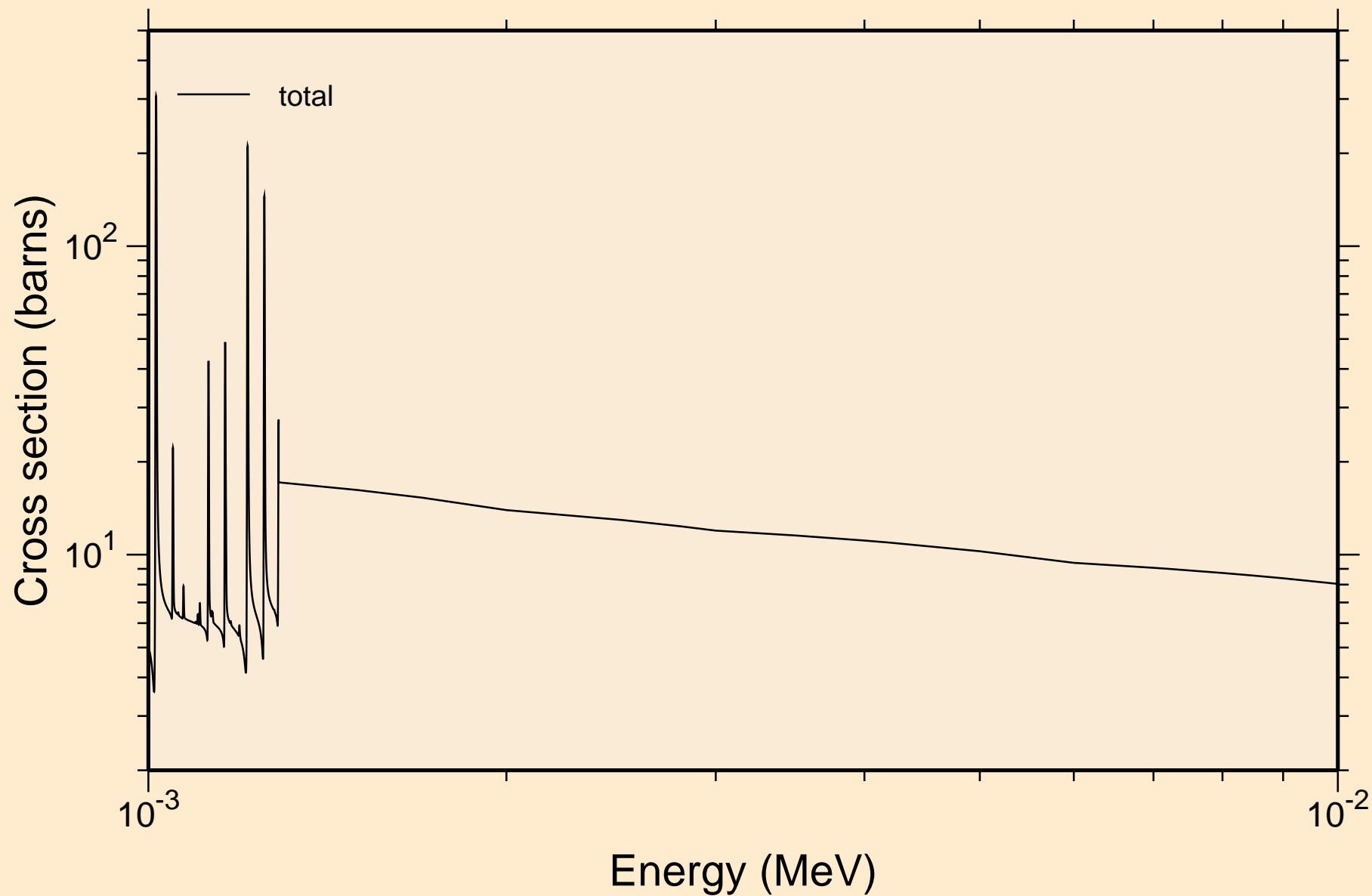
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



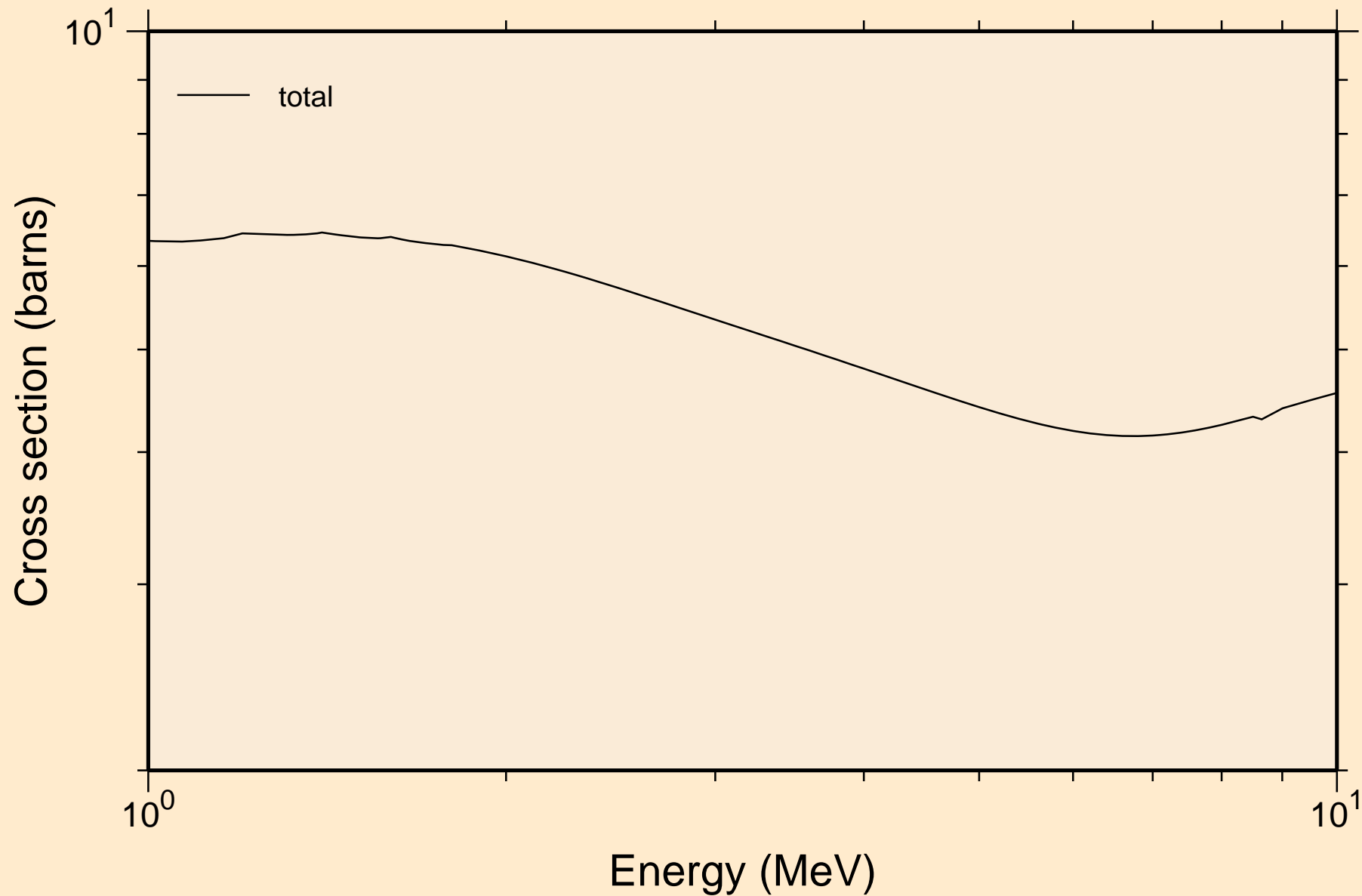
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



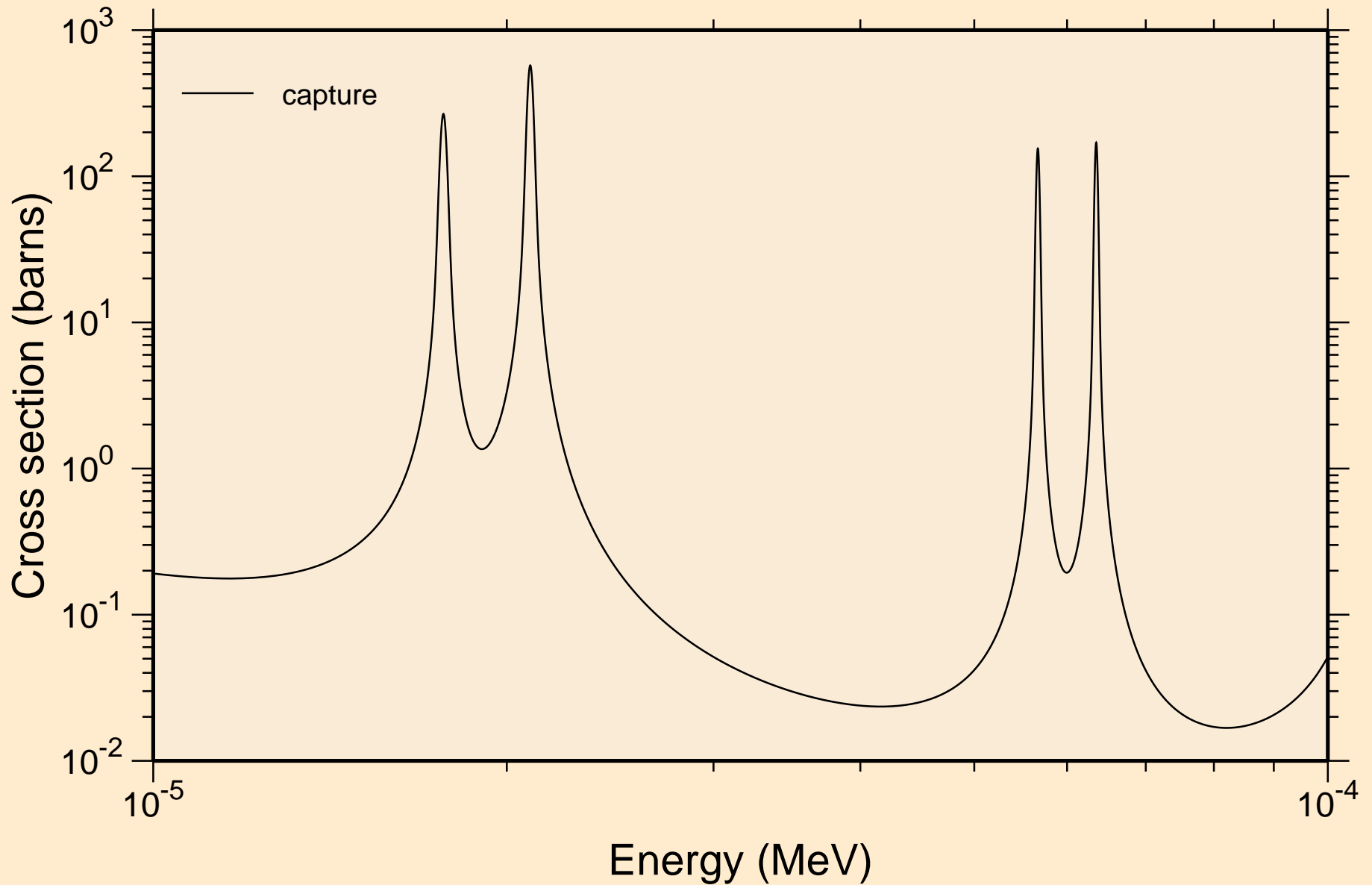
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



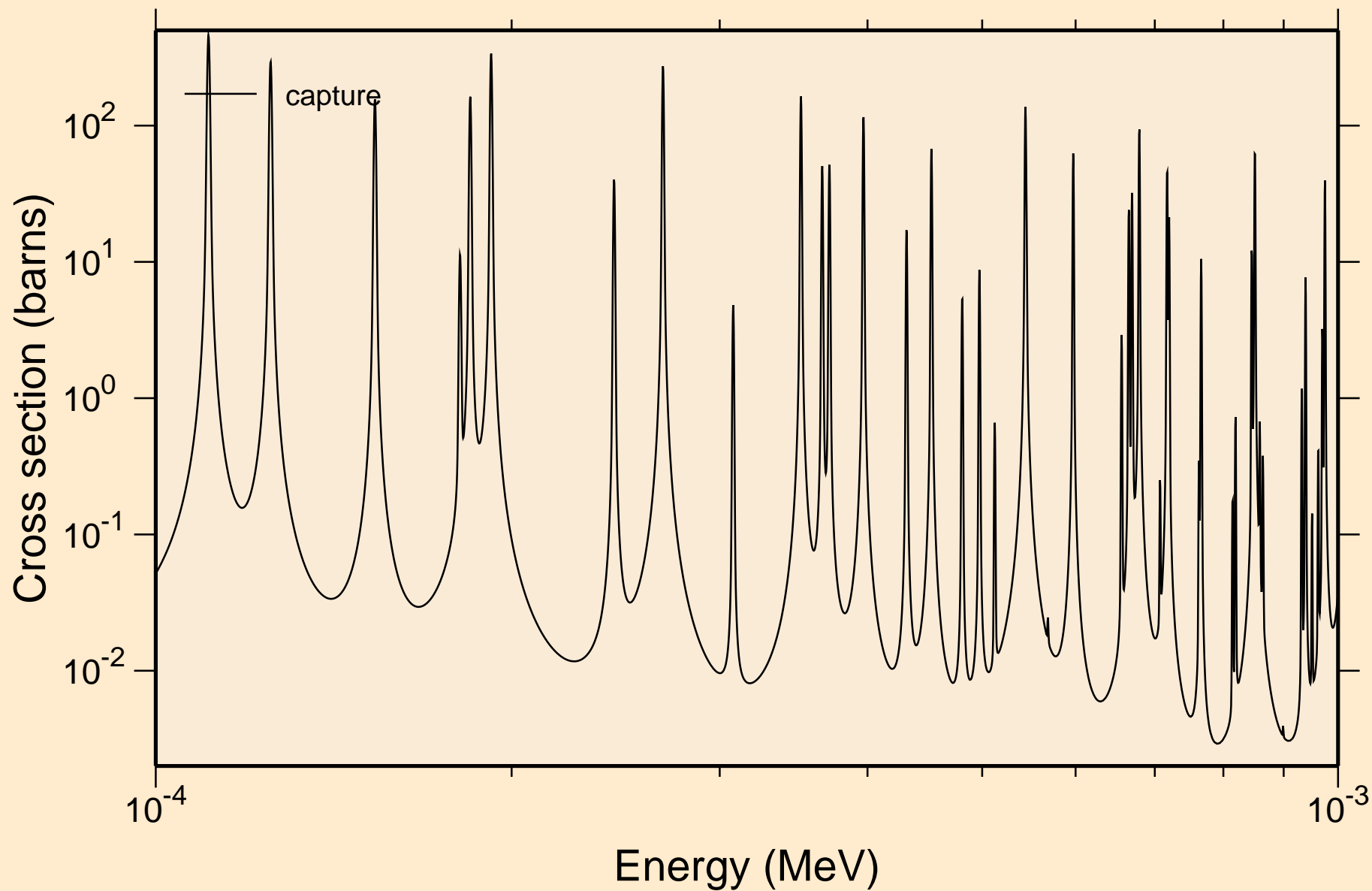
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



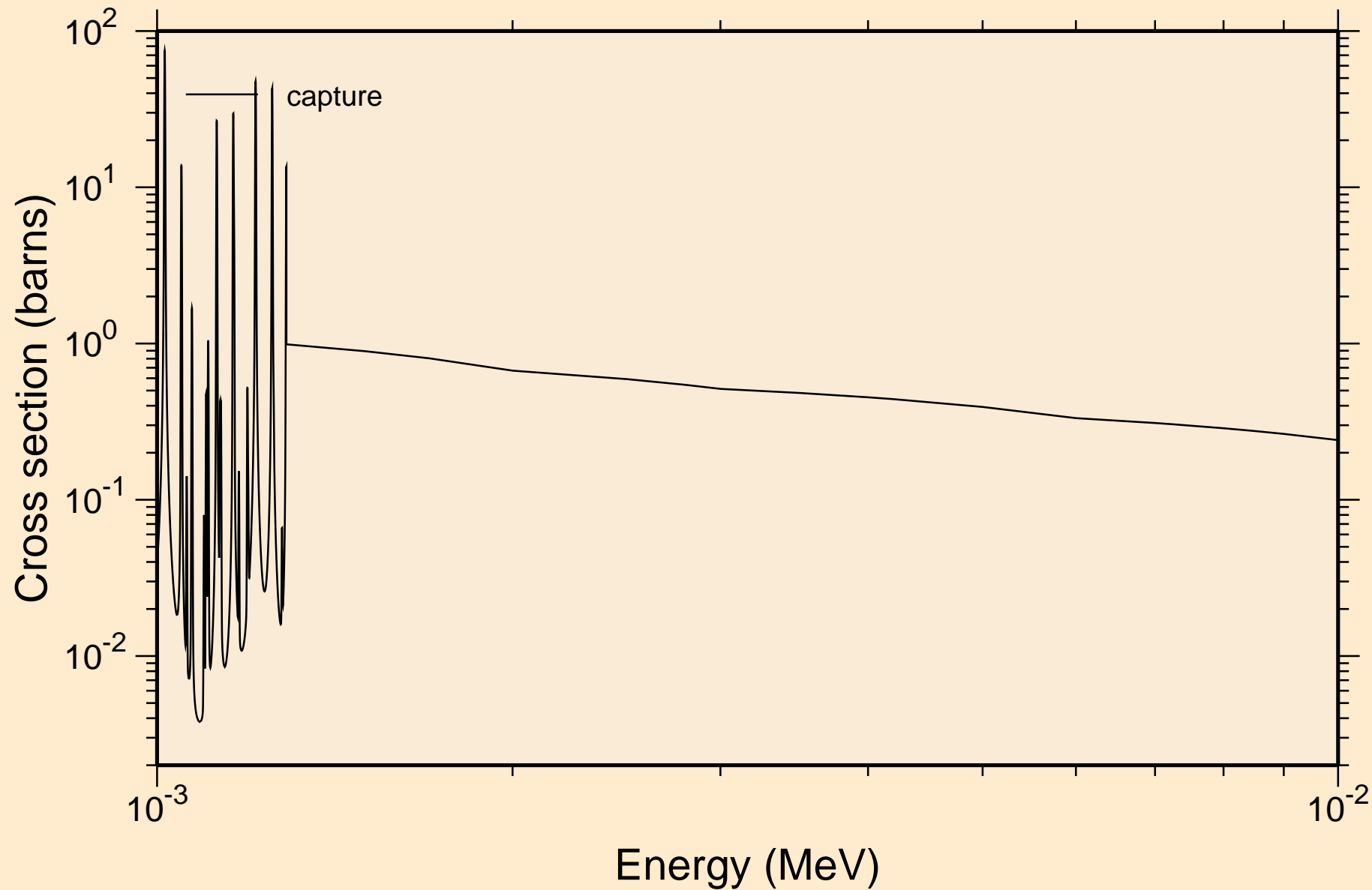
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



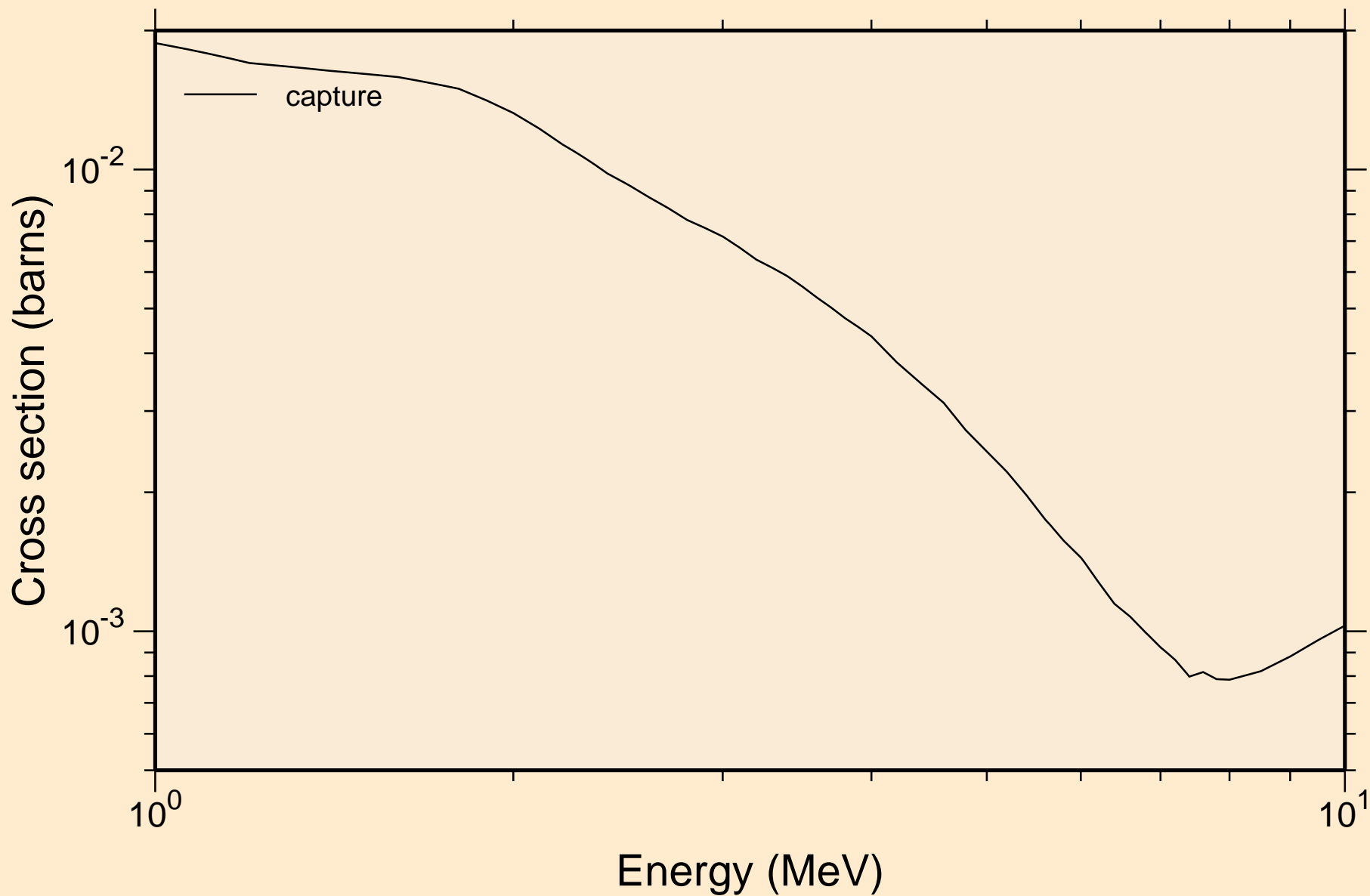
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



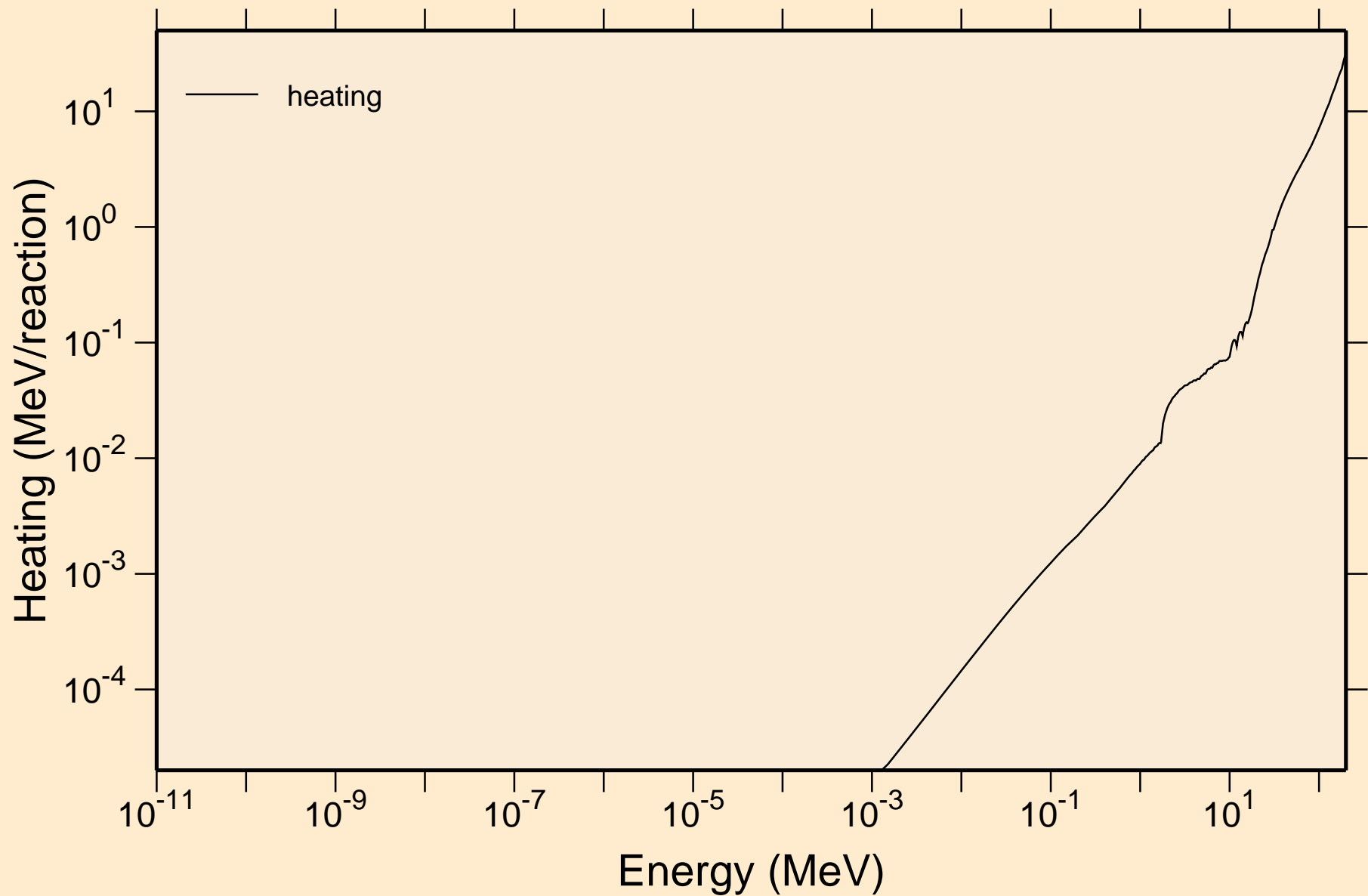
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



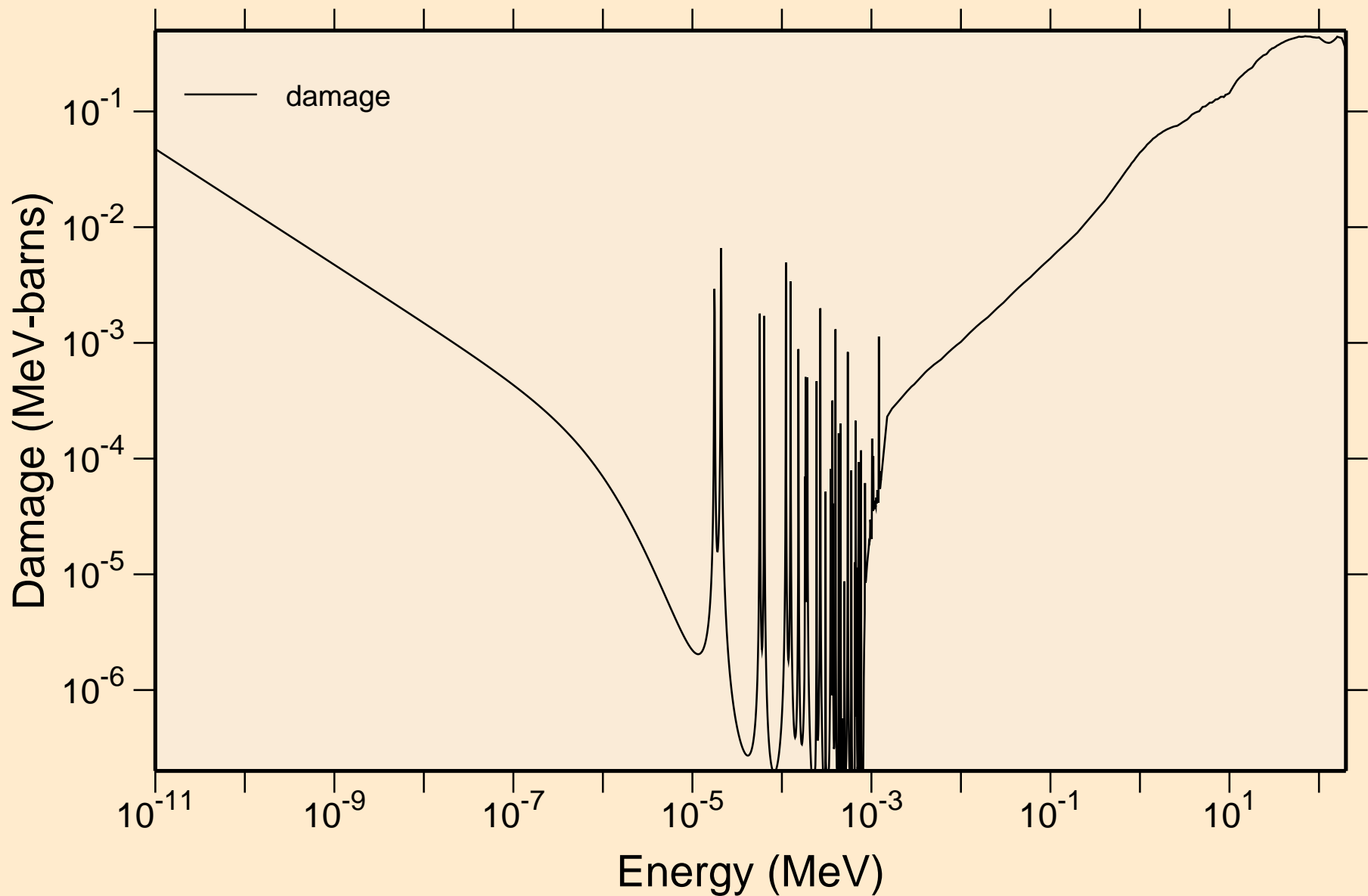
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



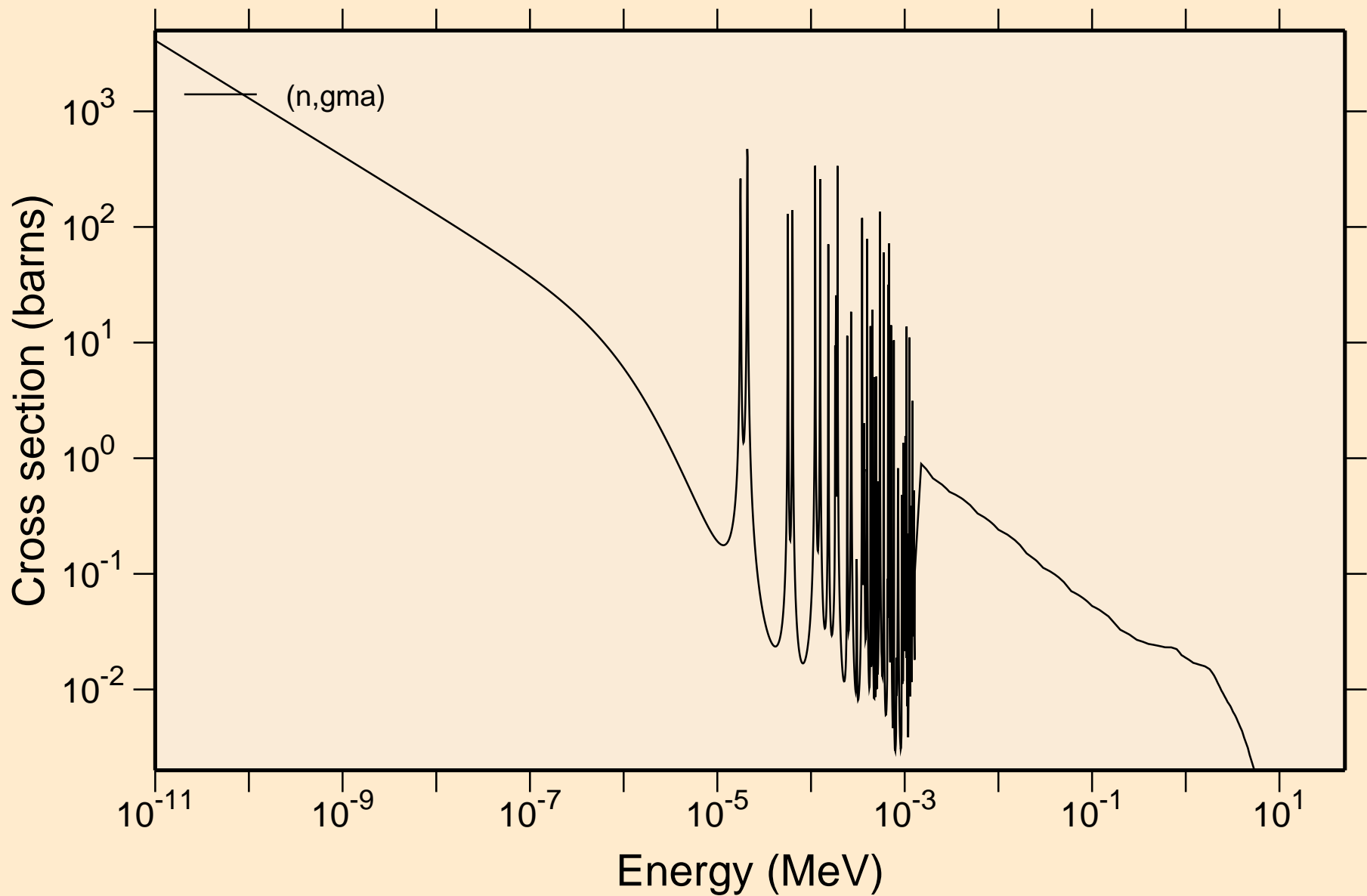
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



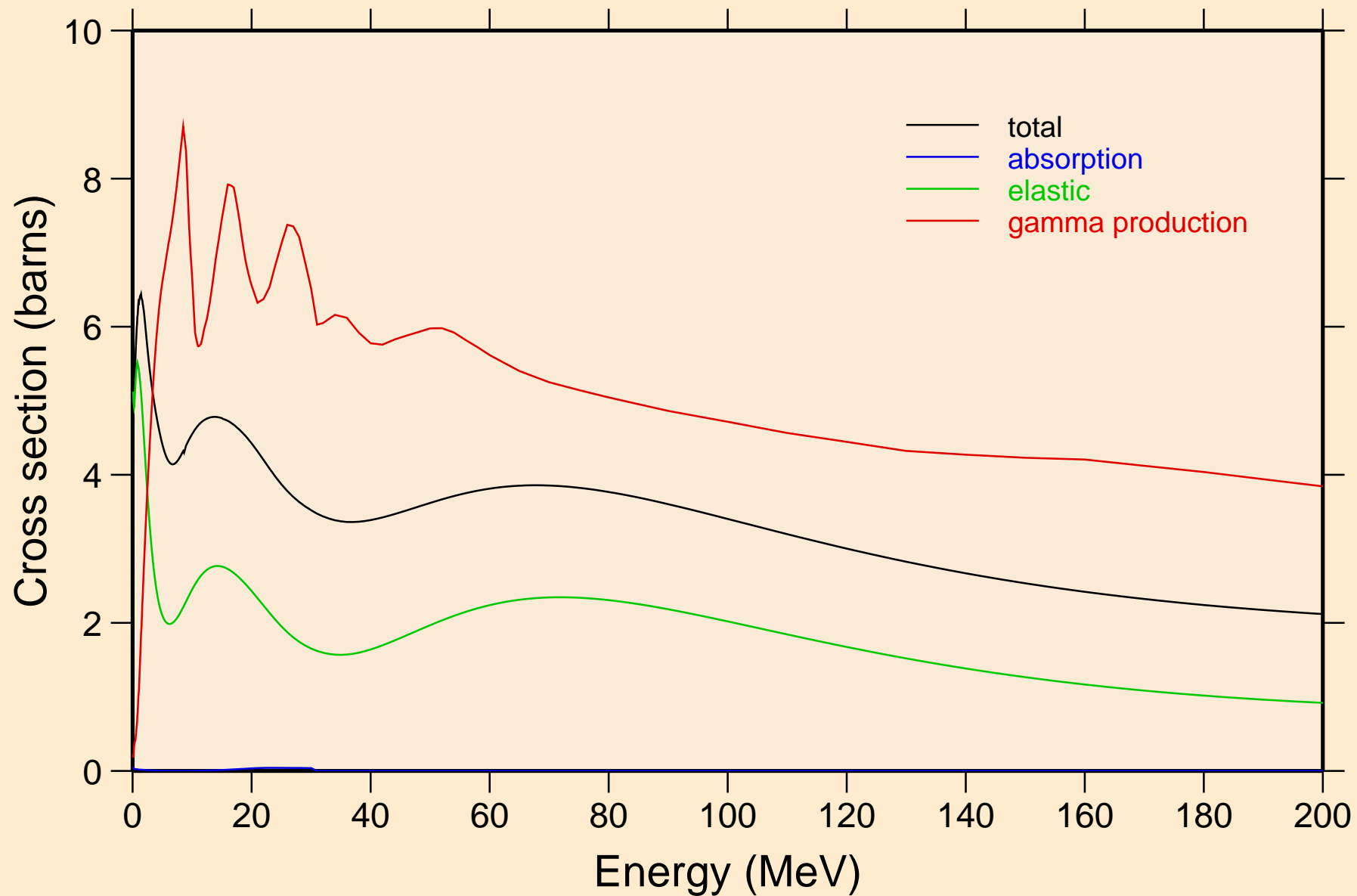
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



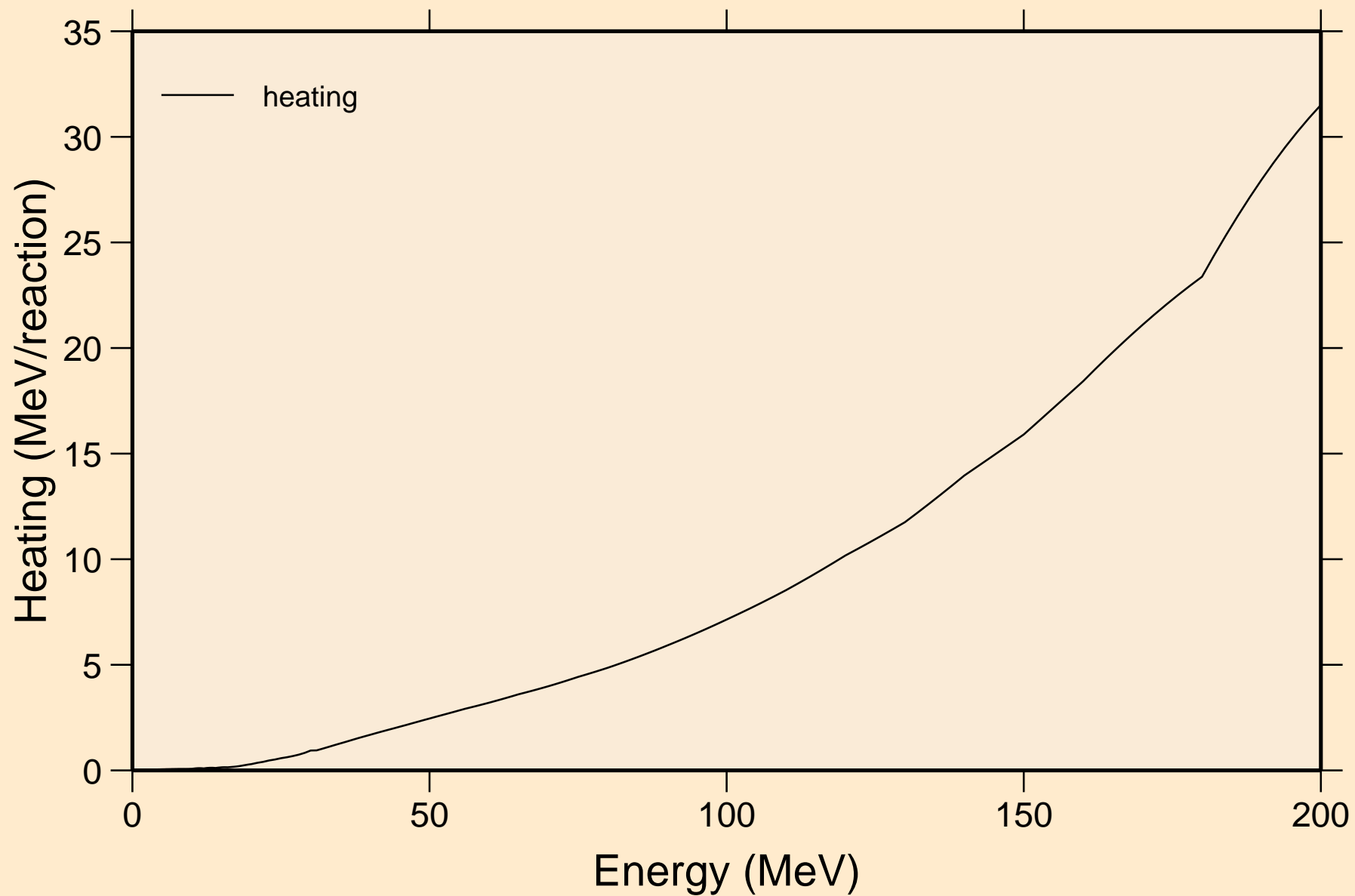
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



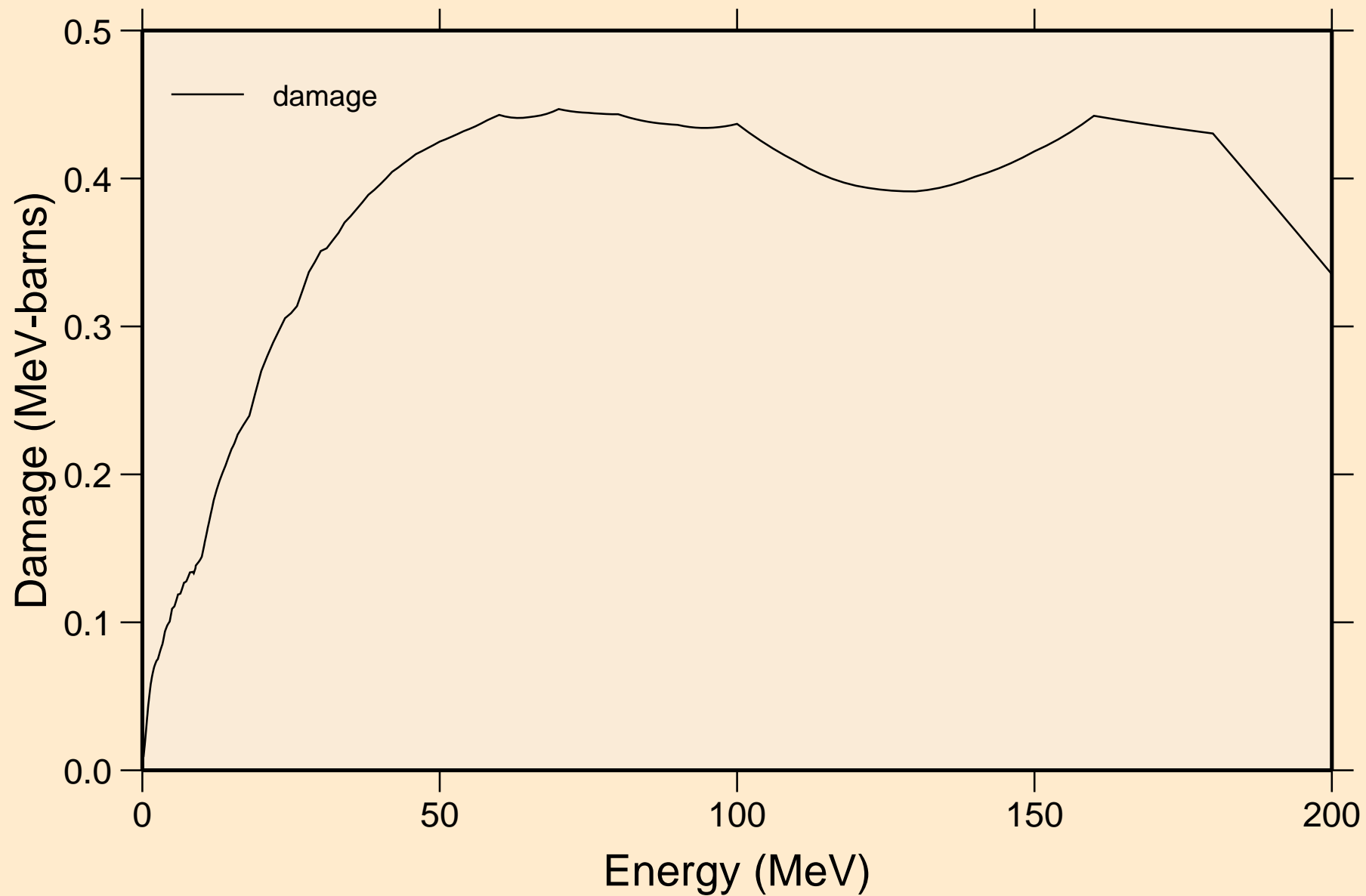
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



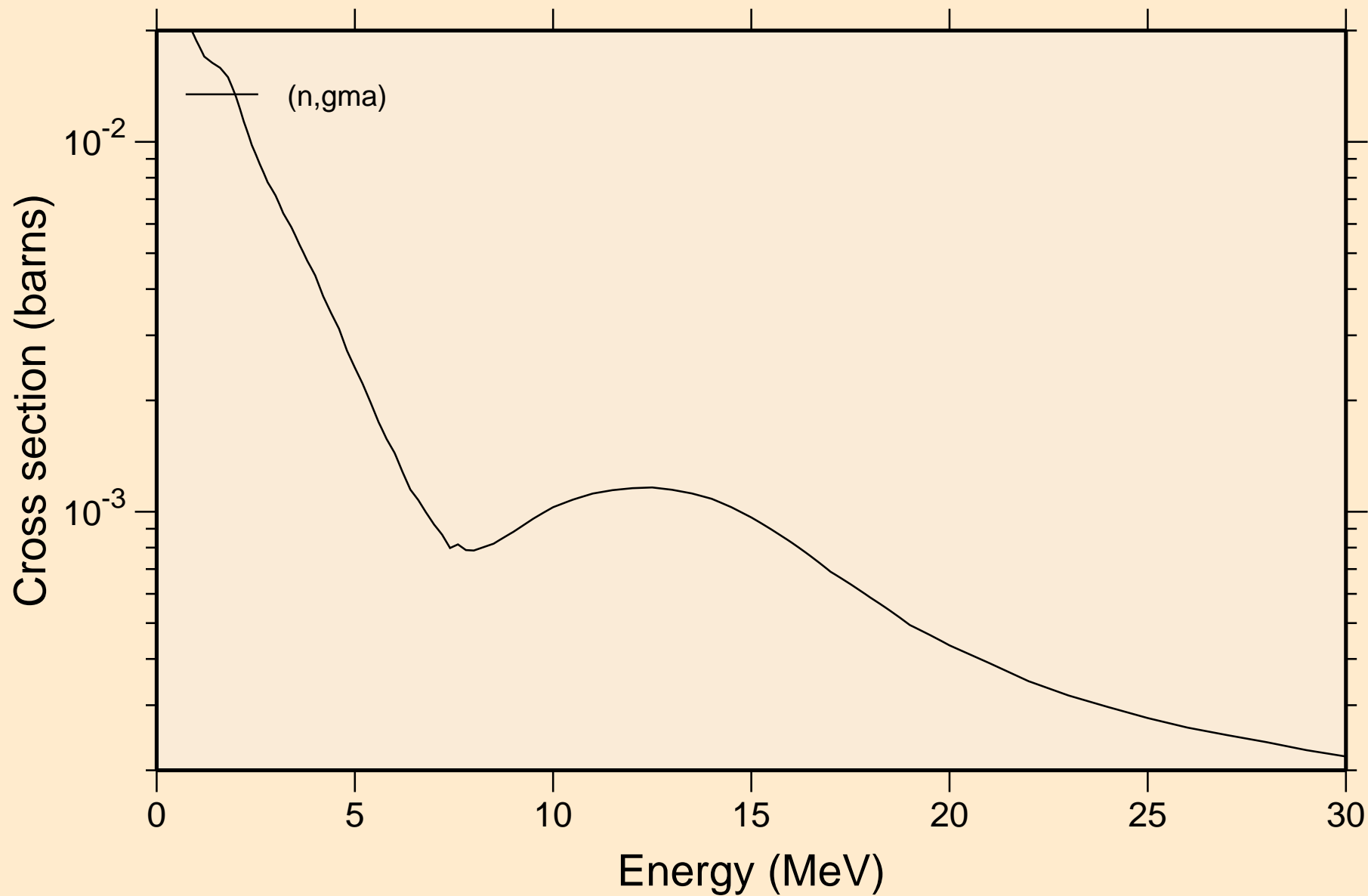
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



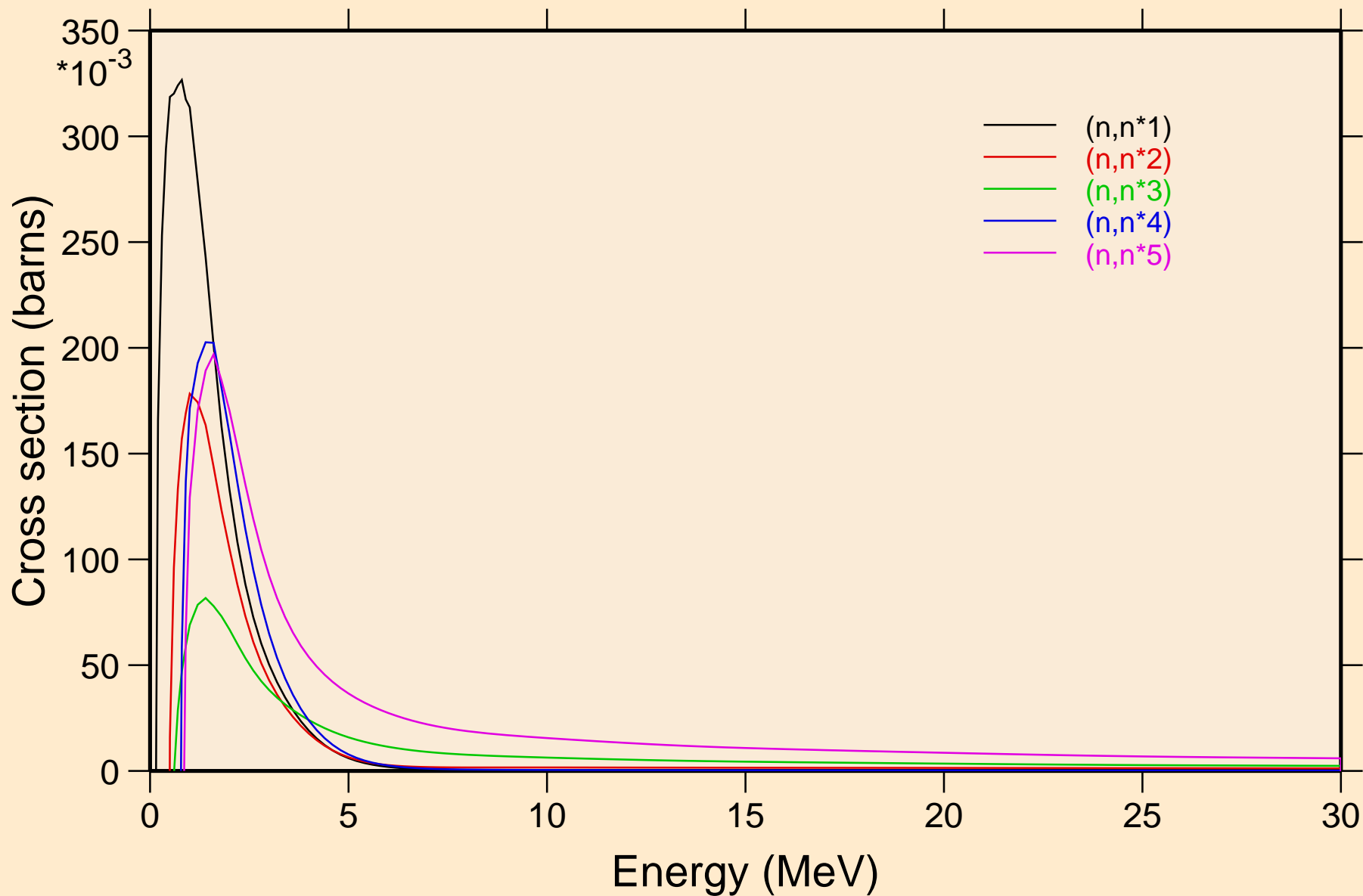
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



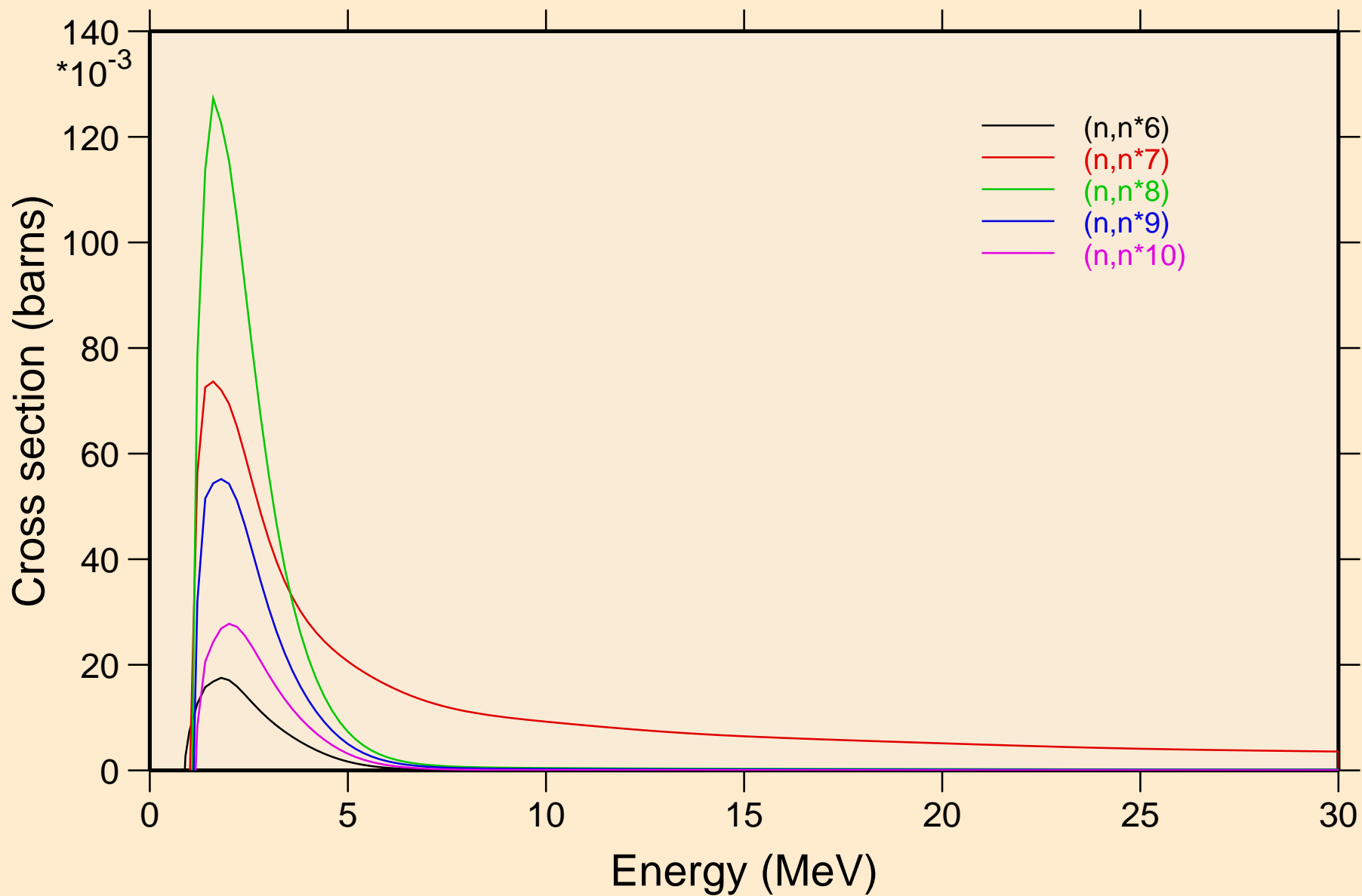
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



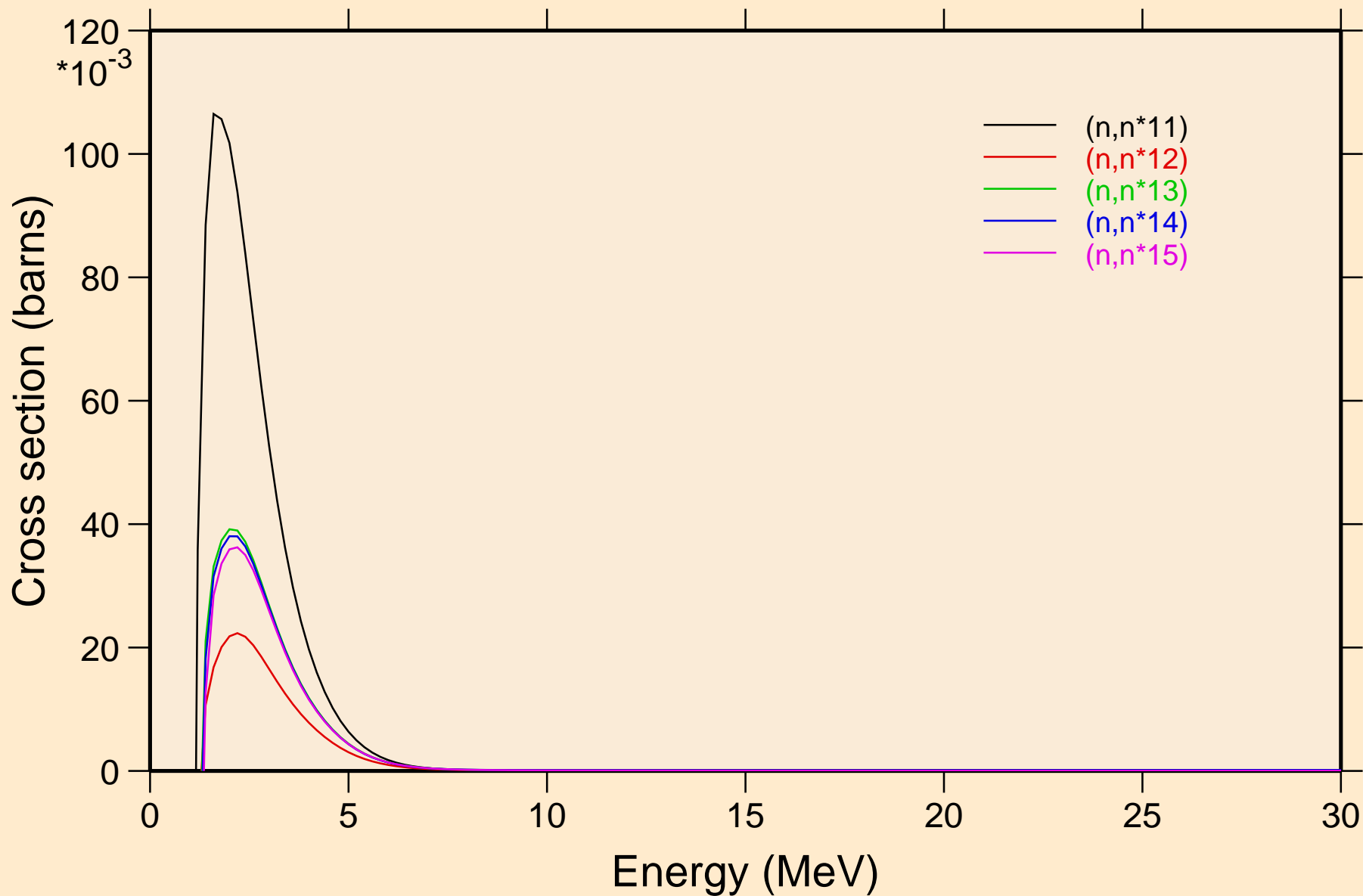
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

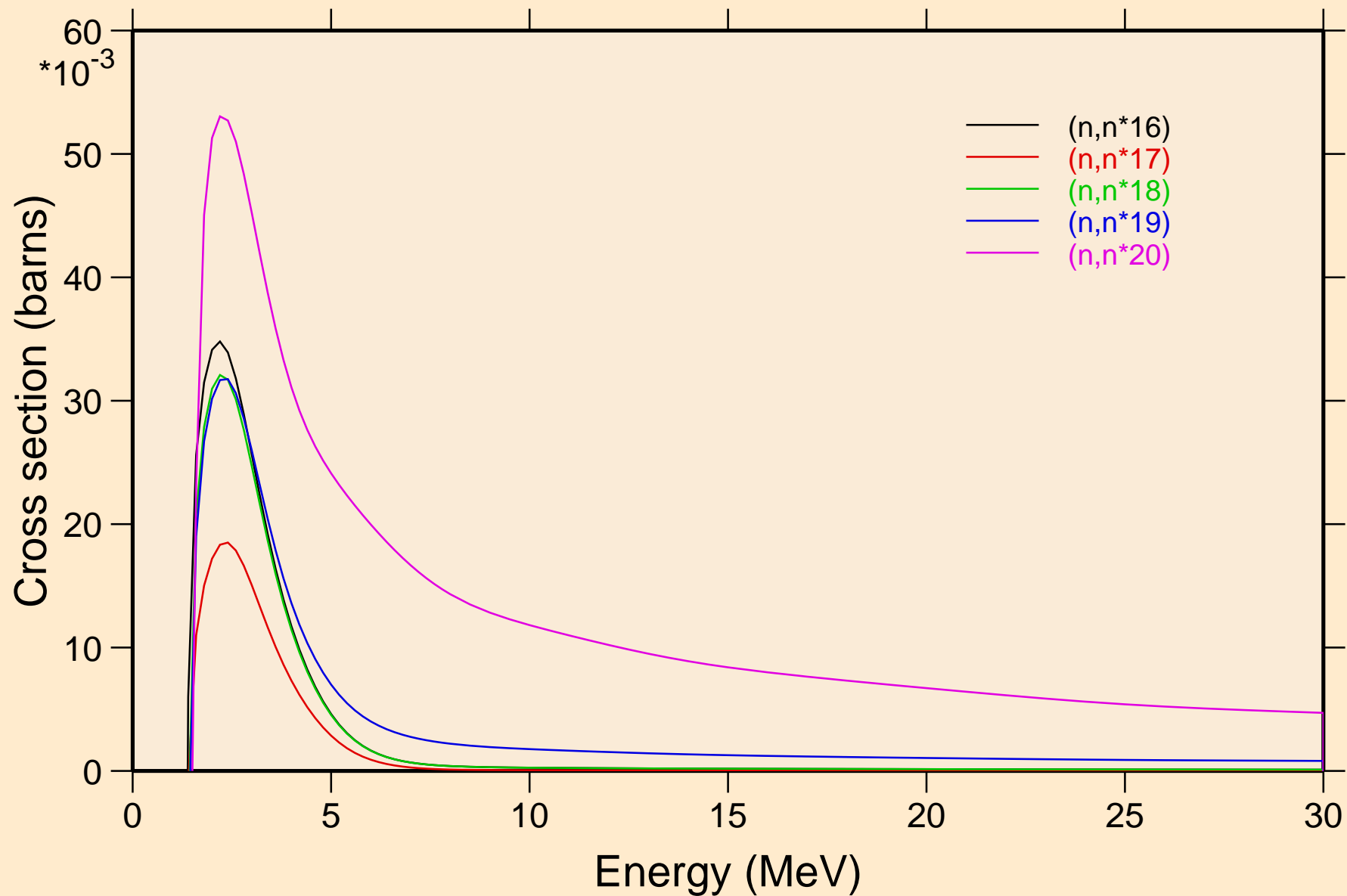


I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

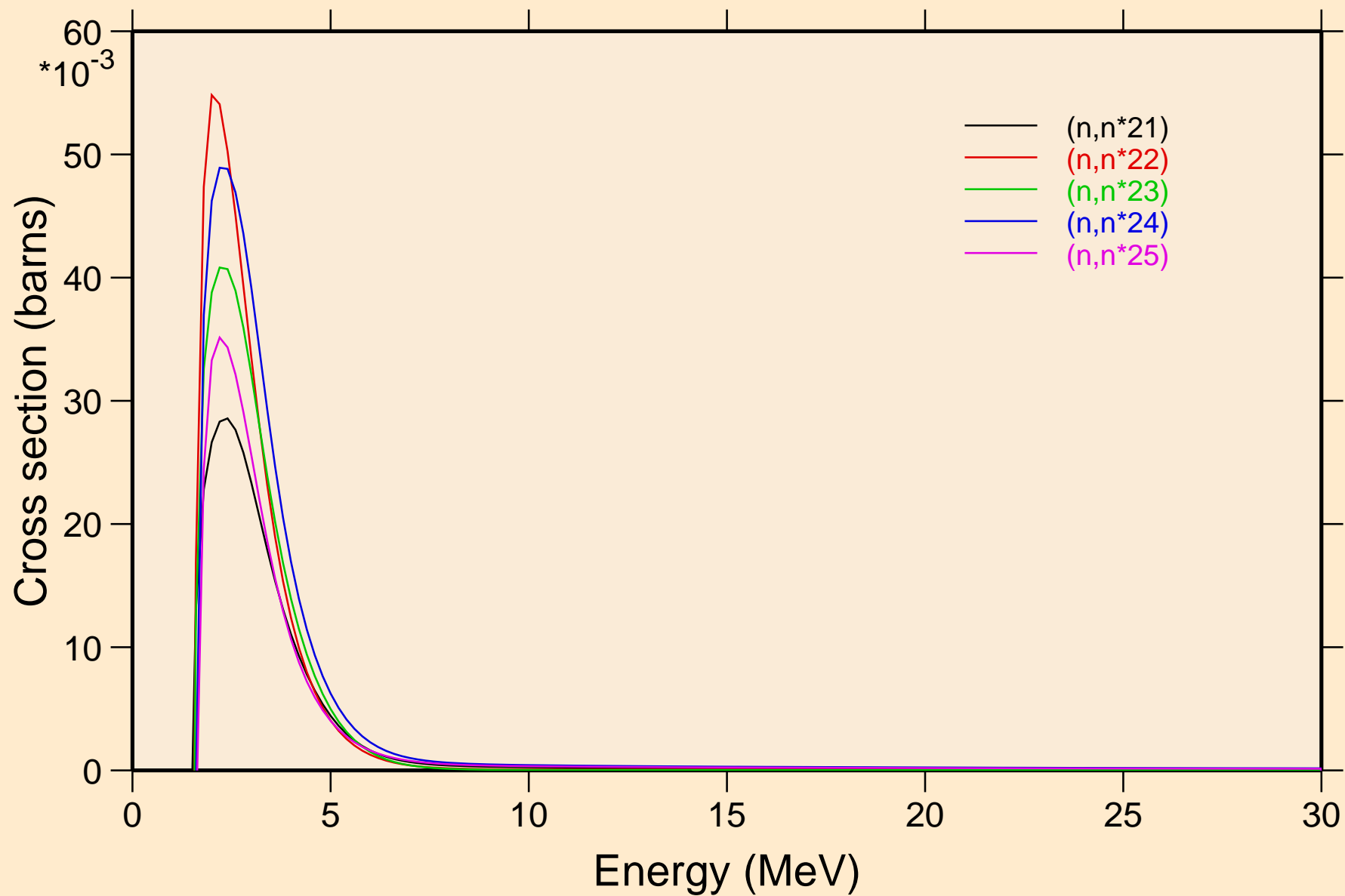


I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

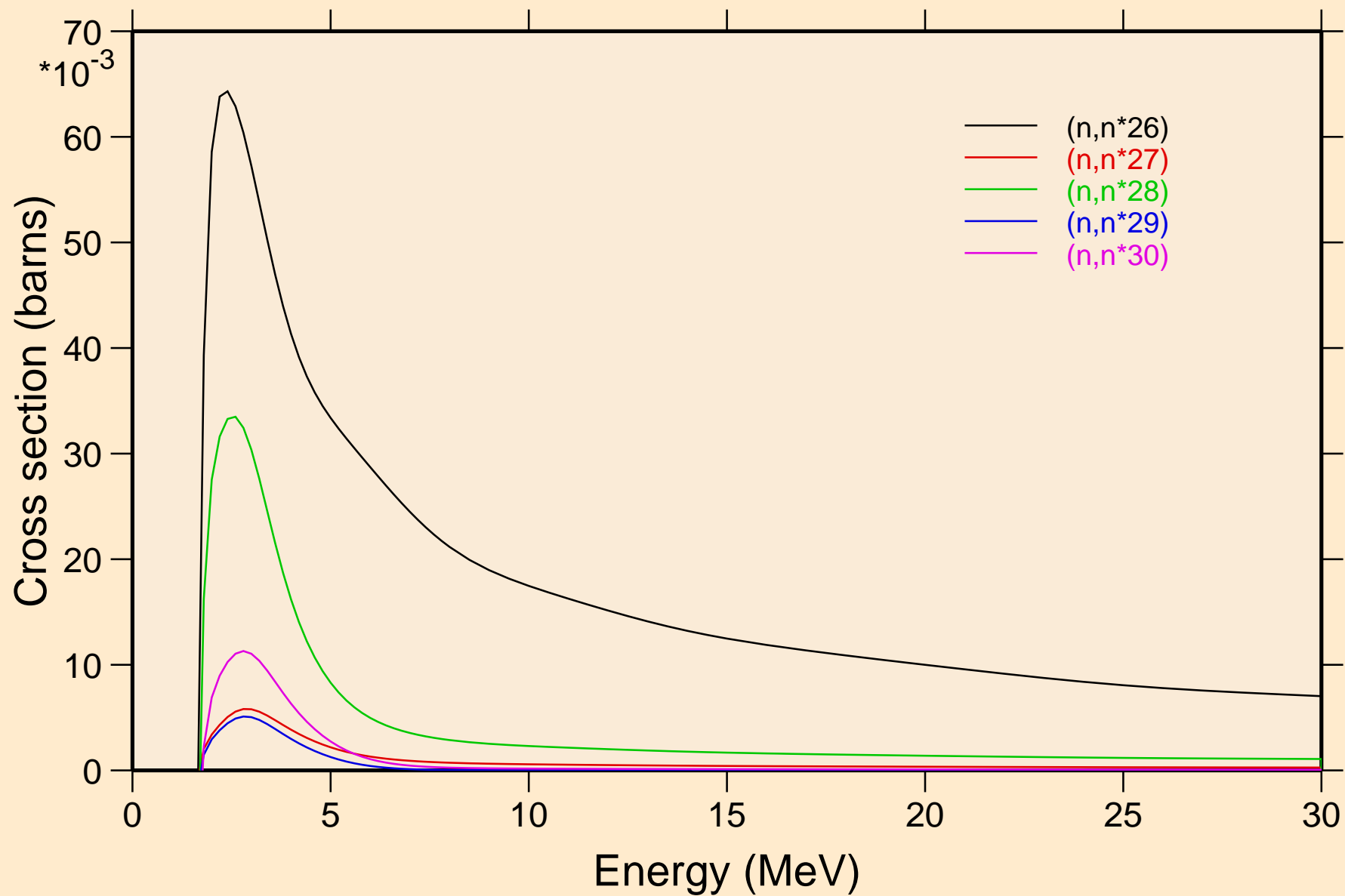
Inelastic levels



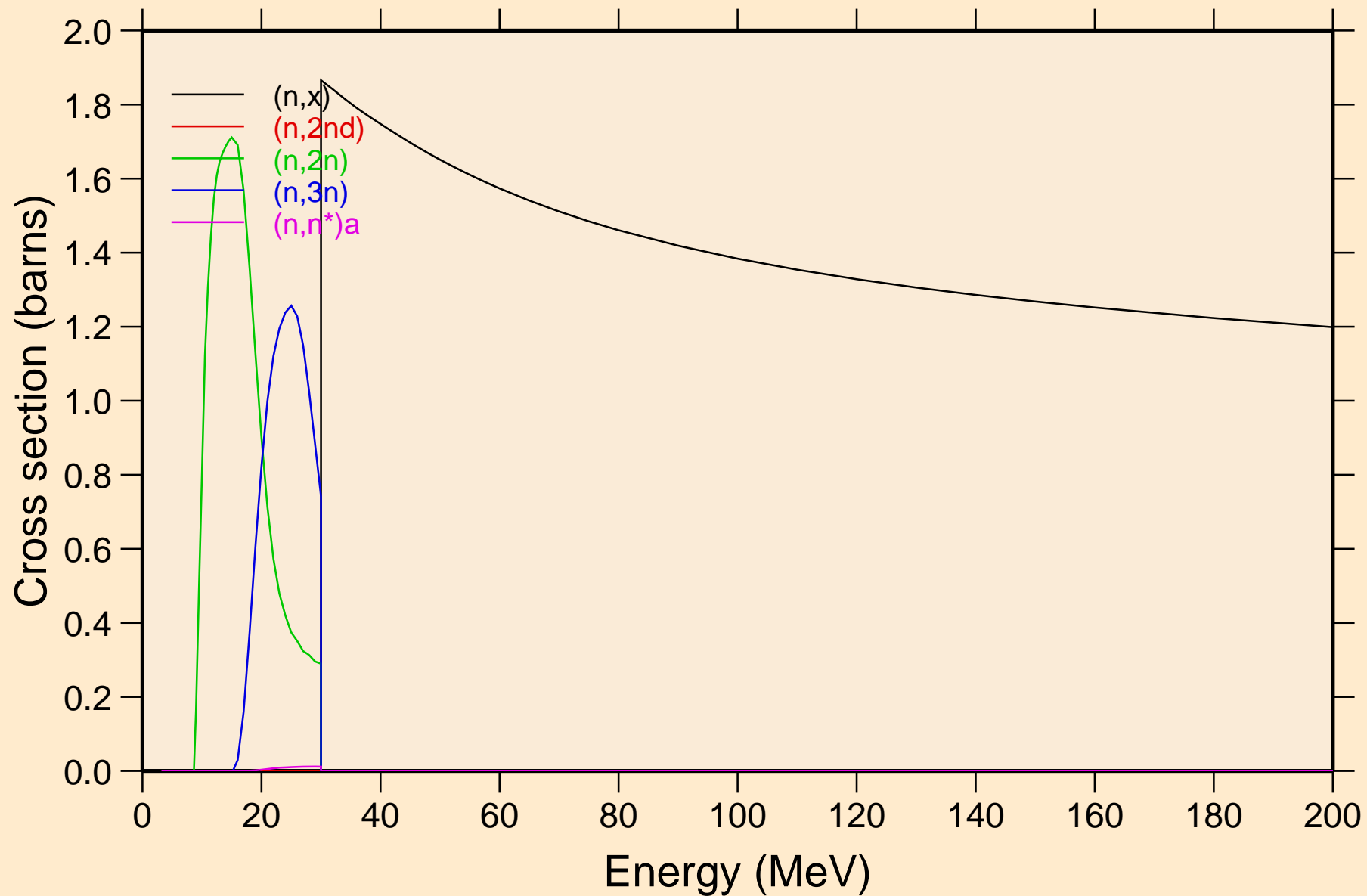
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

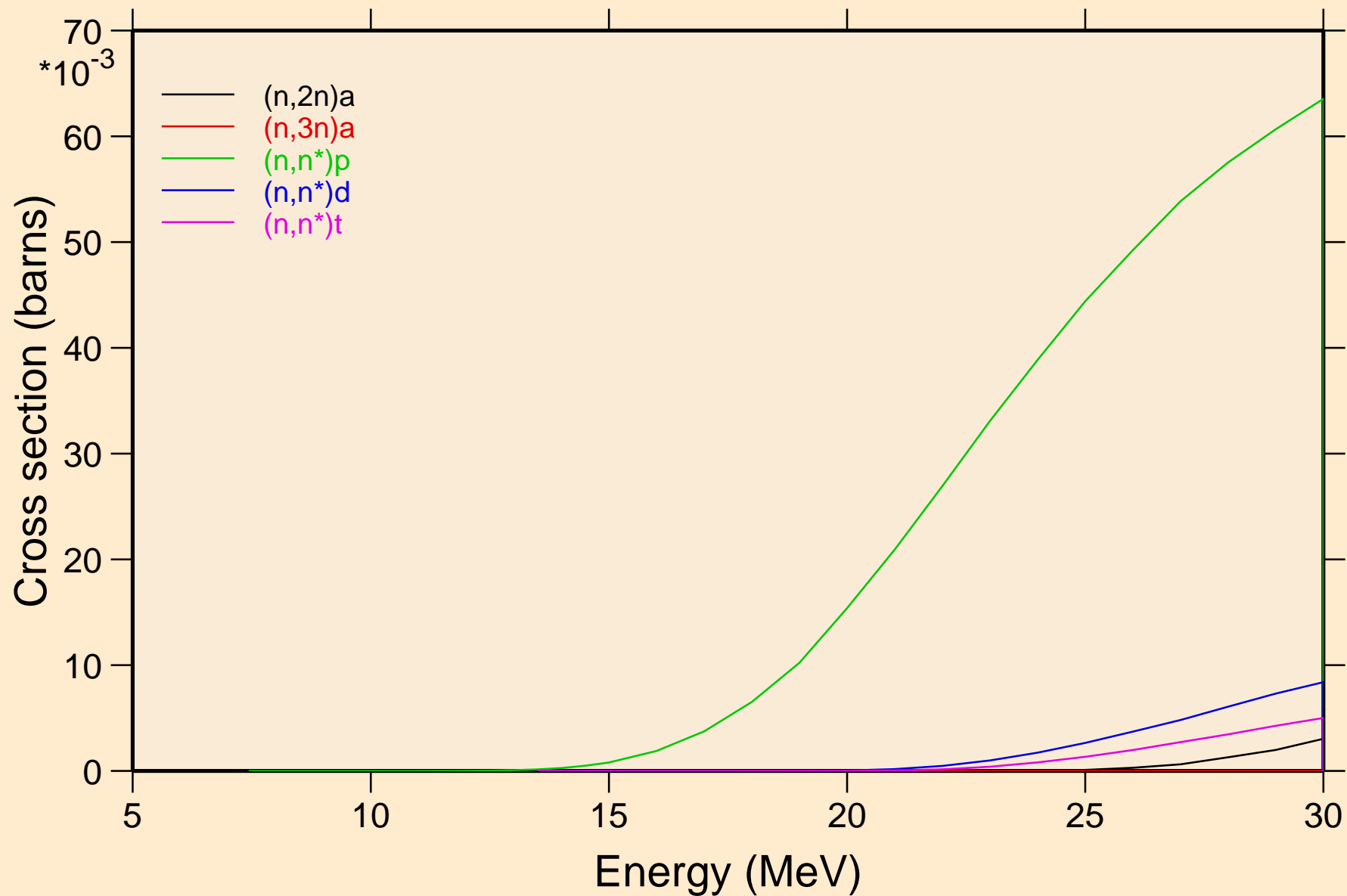


I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

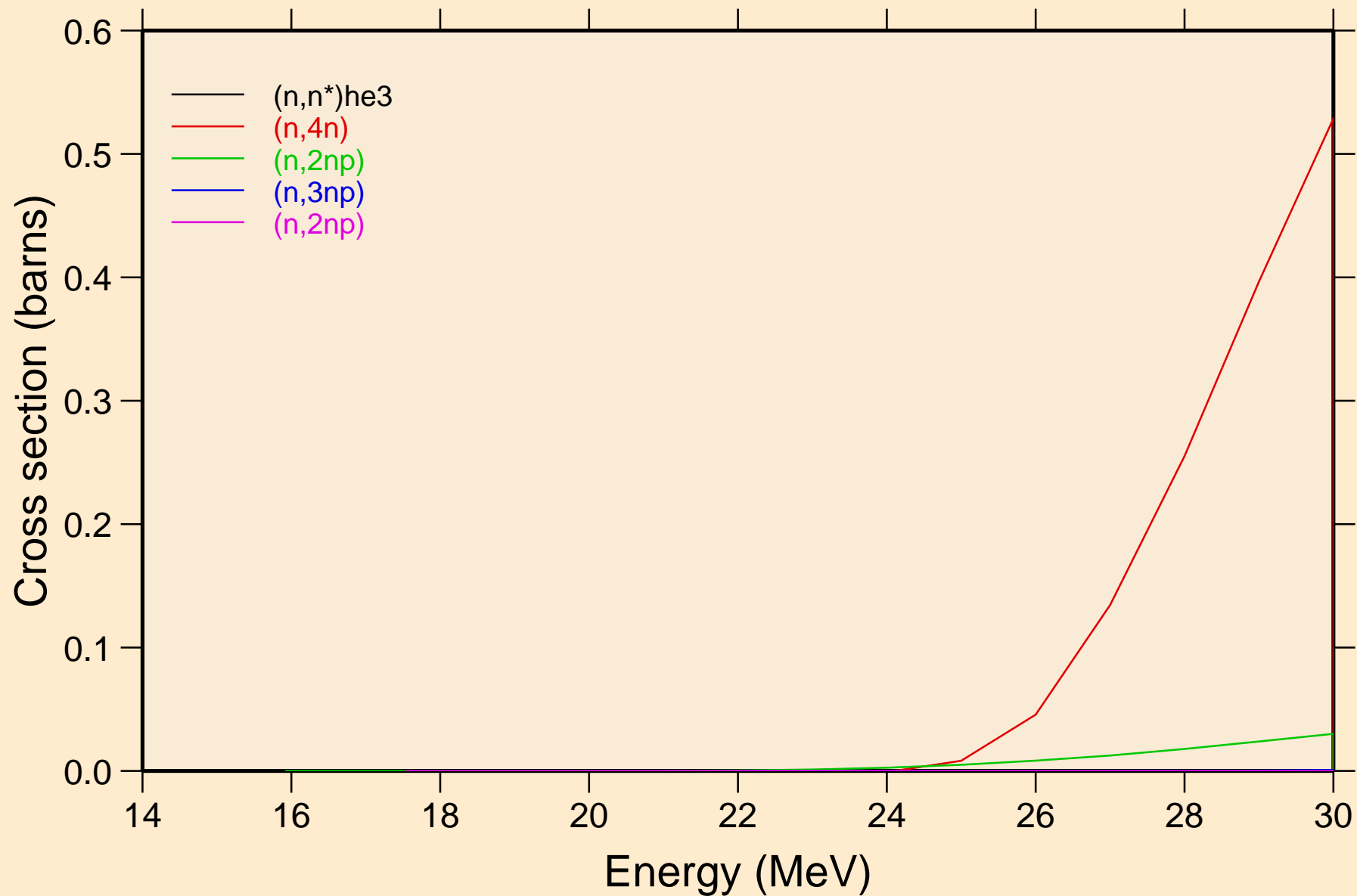


I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

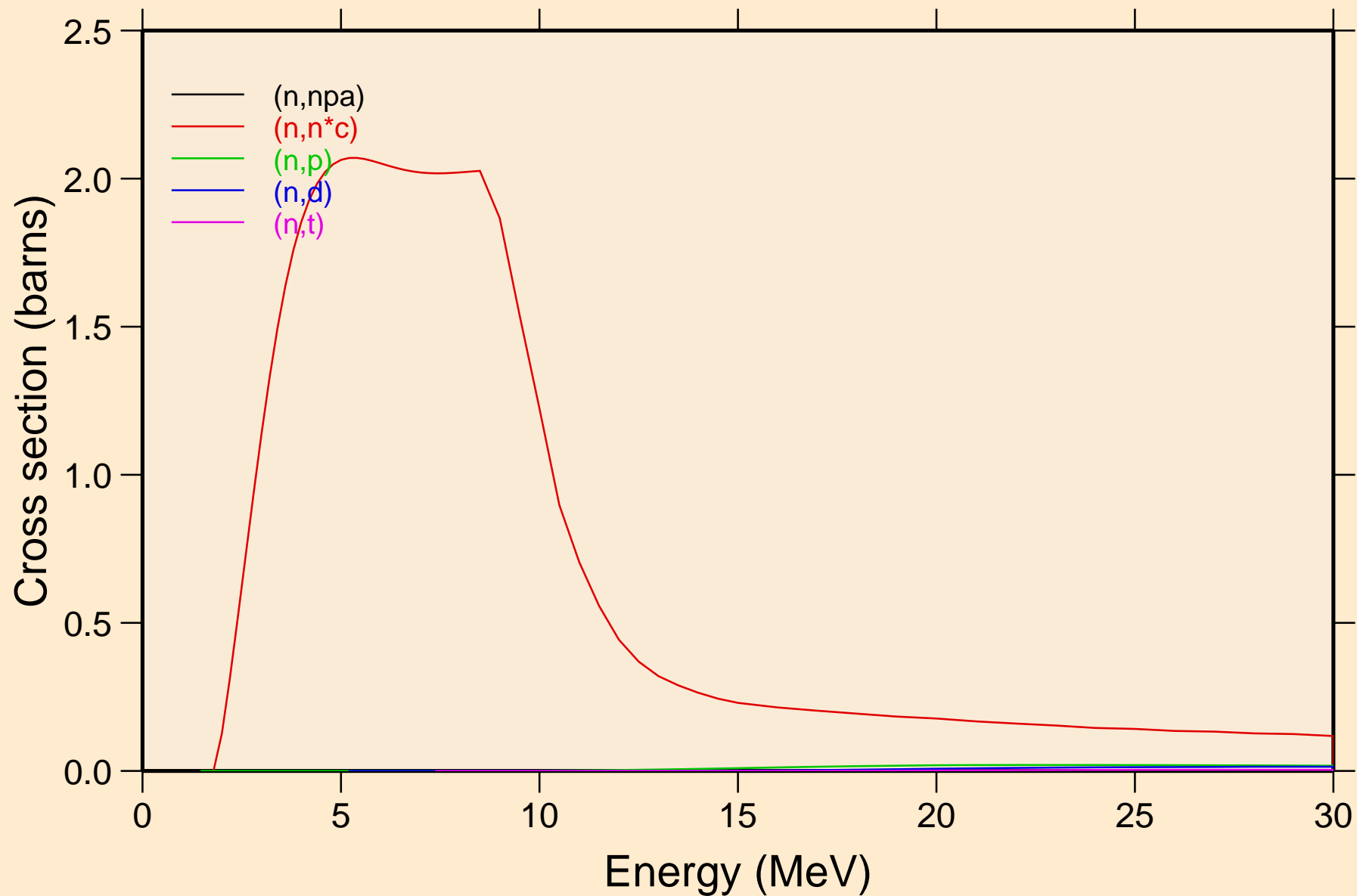
Threshold reactions



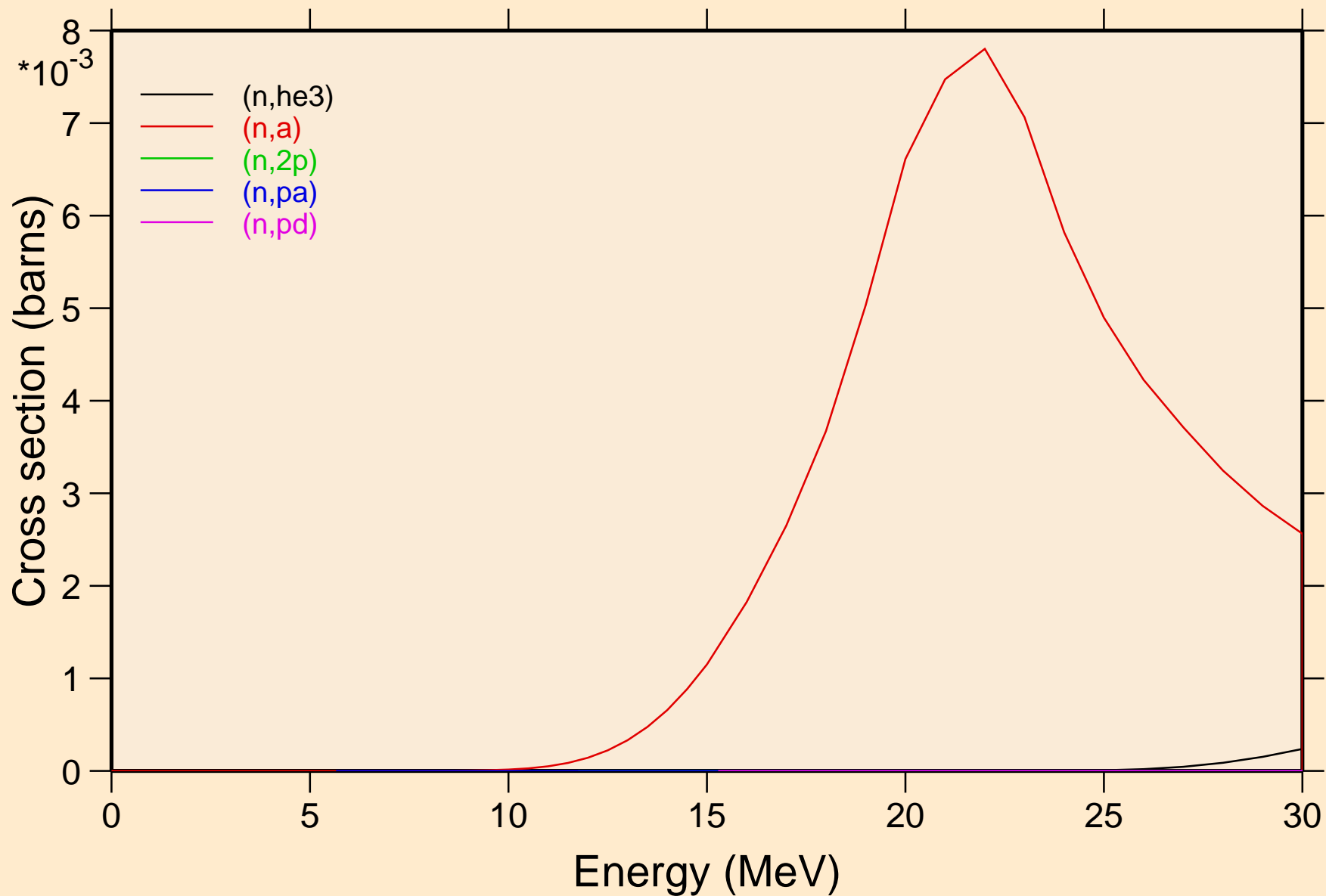
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



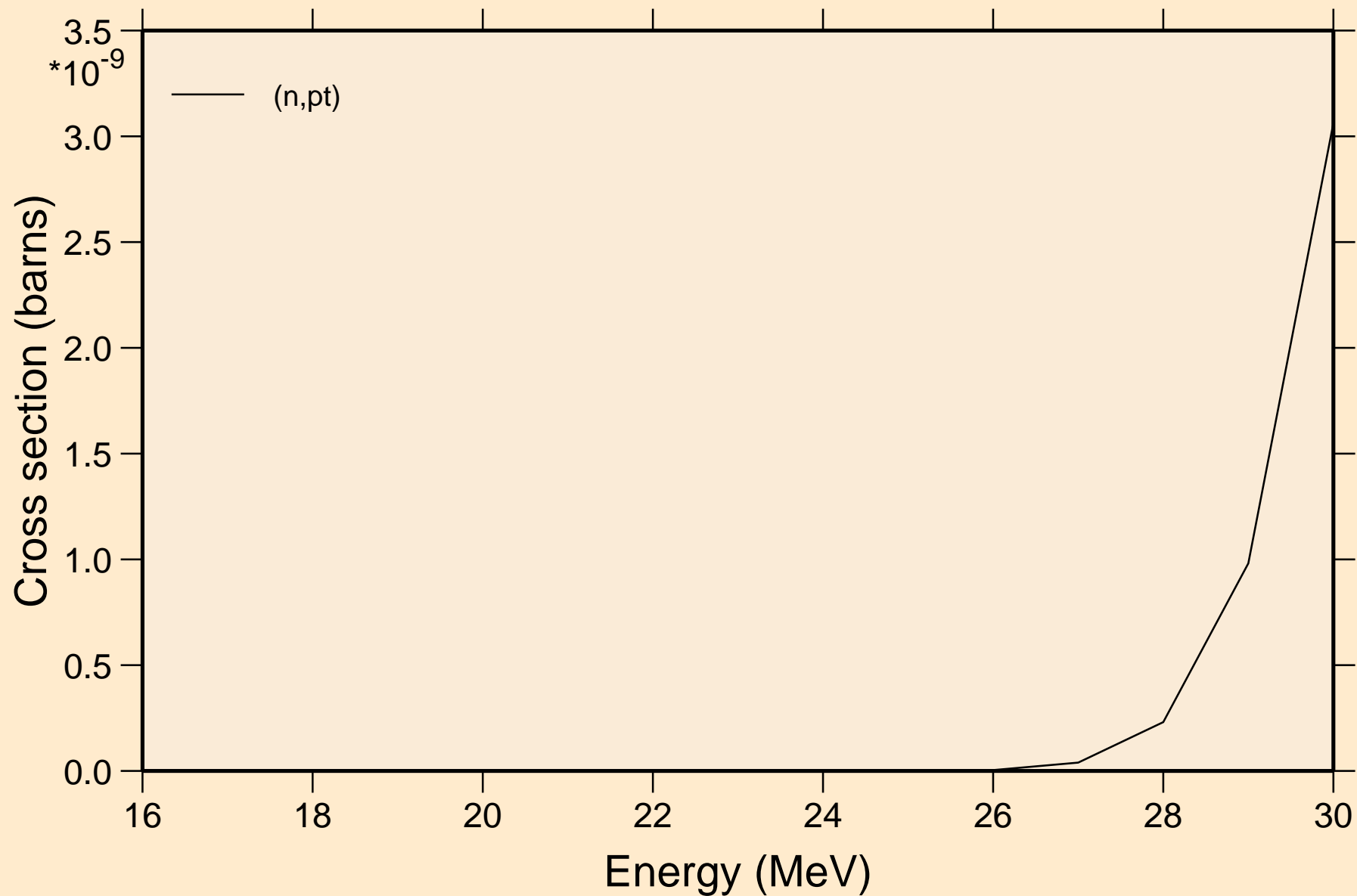
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



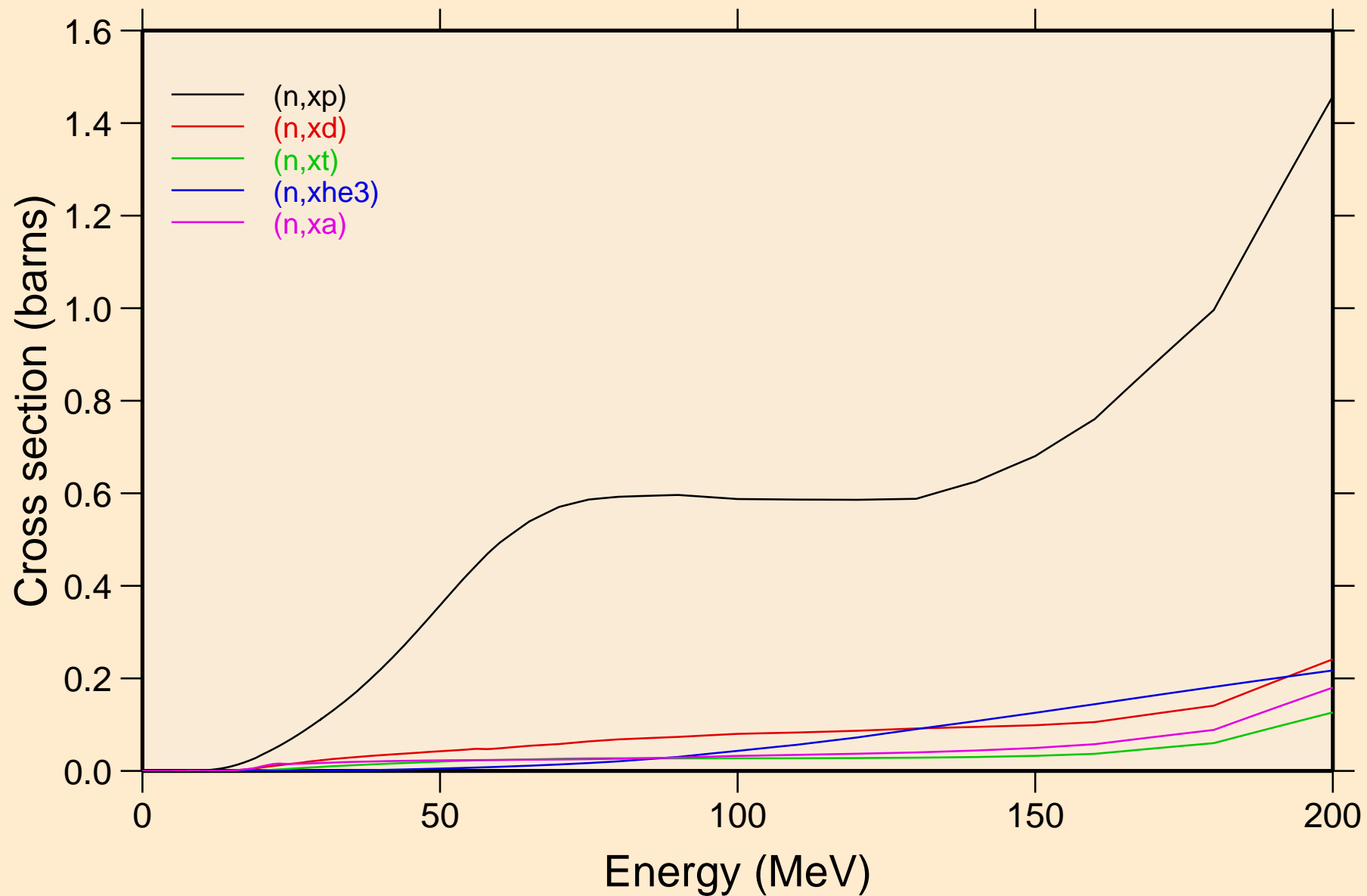
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



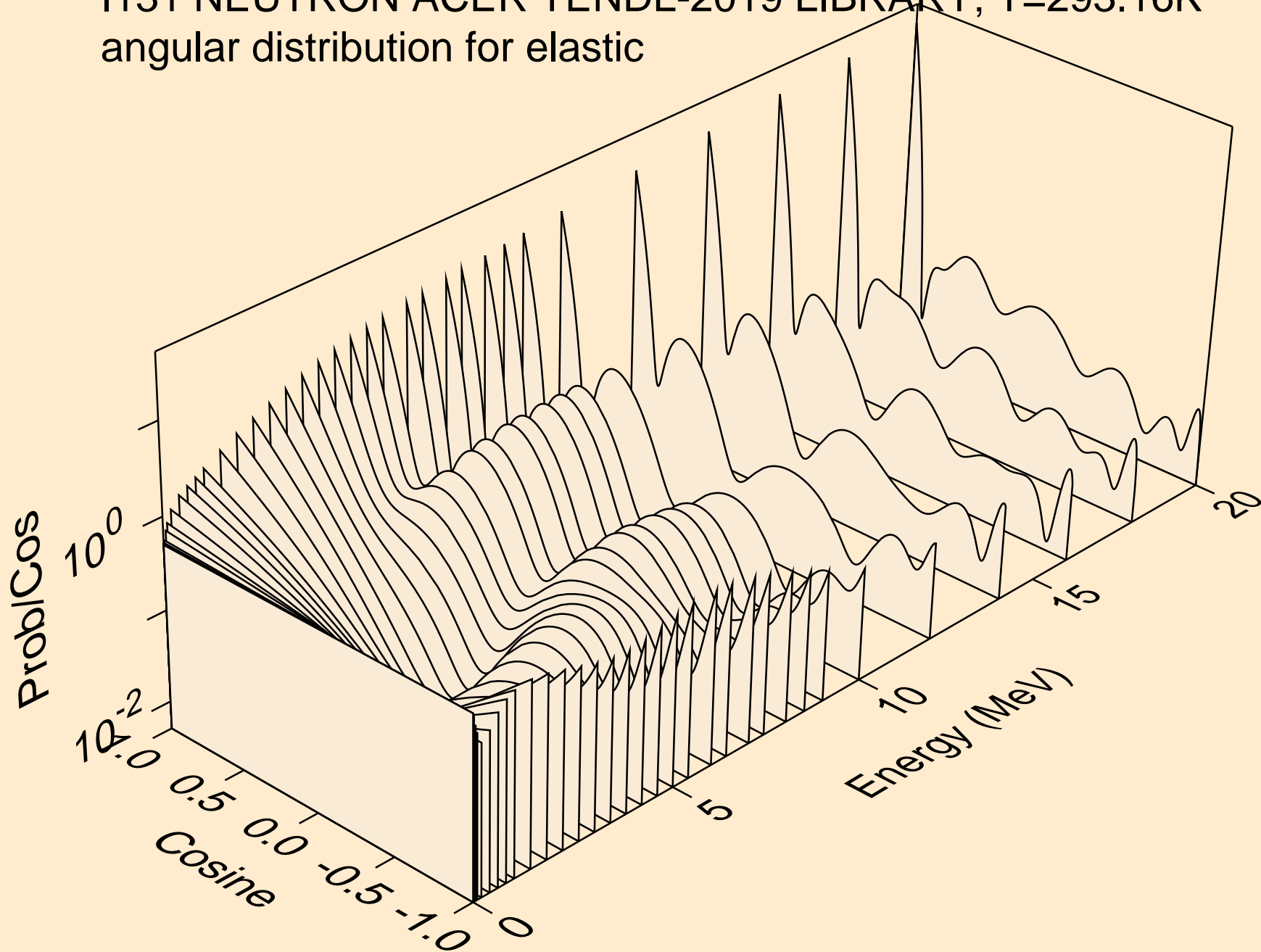
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



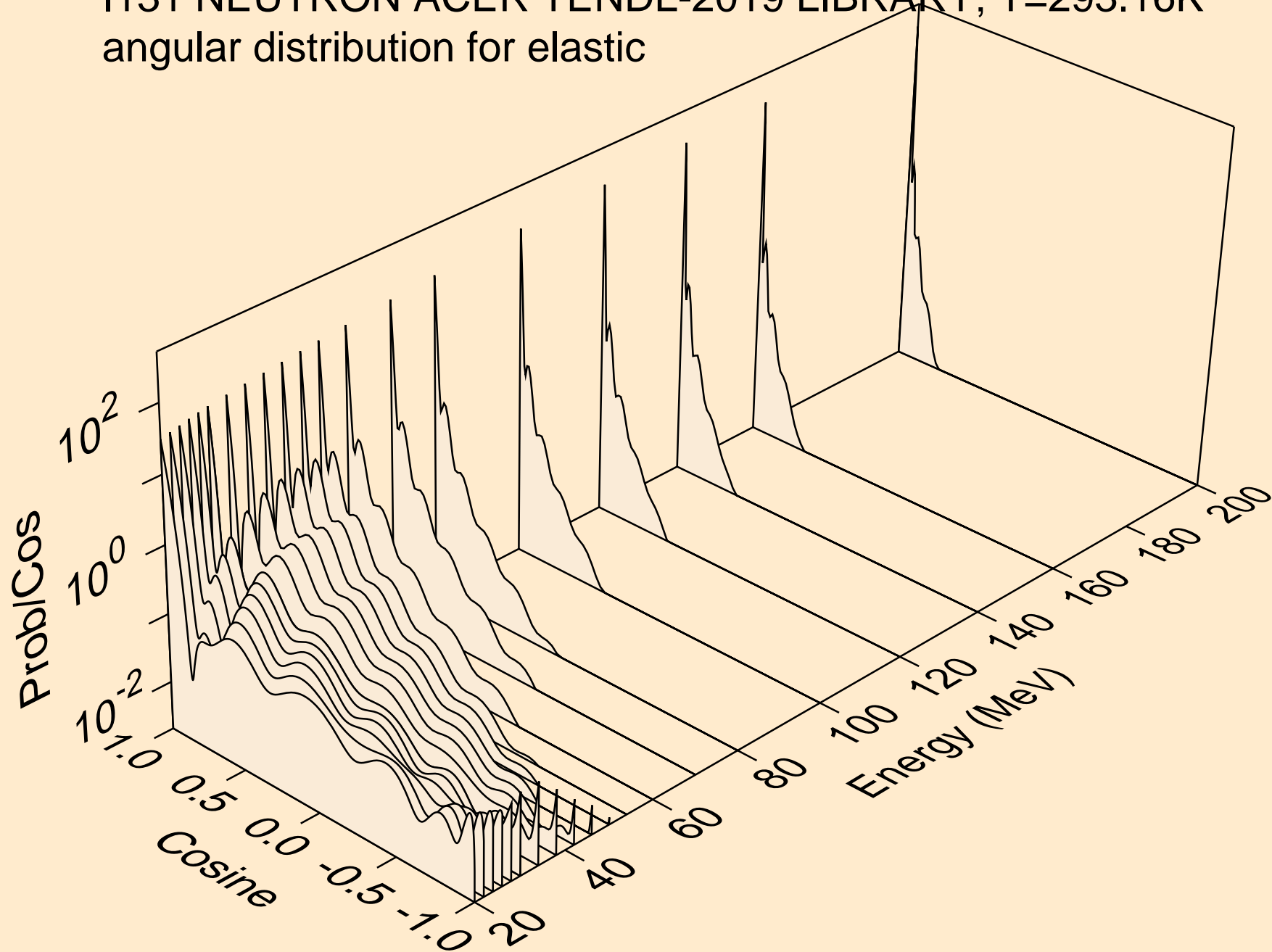
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



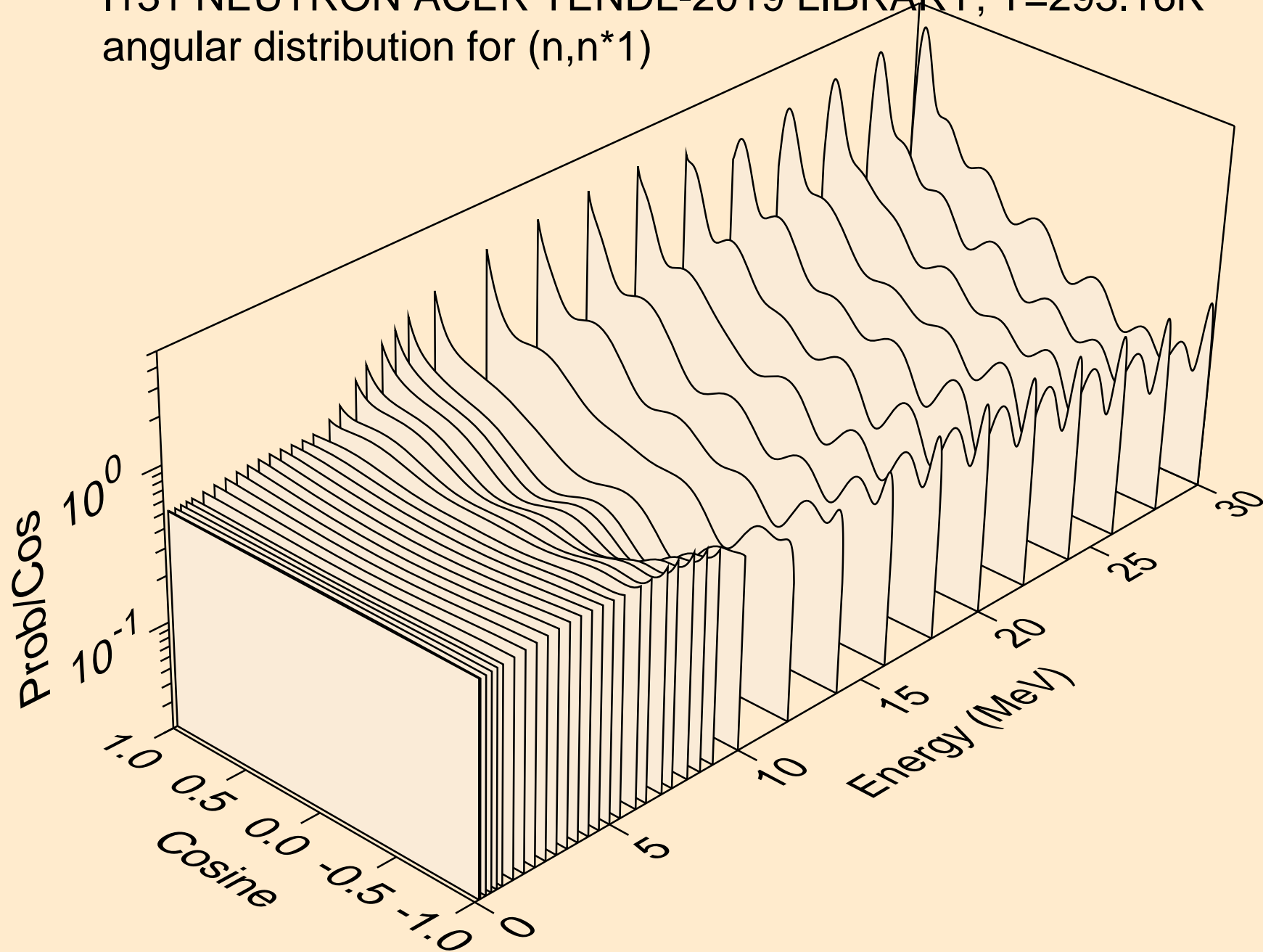
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



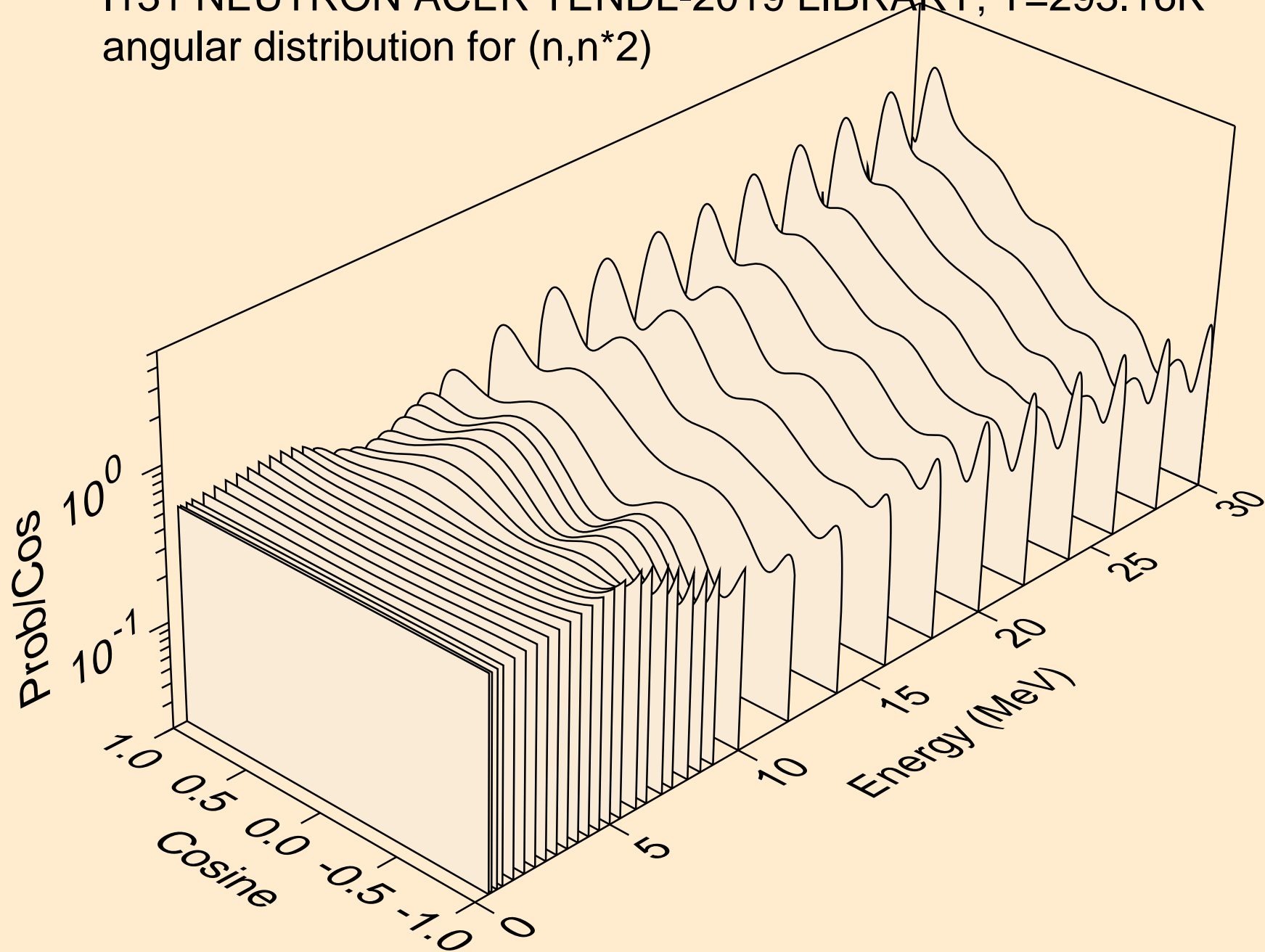
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



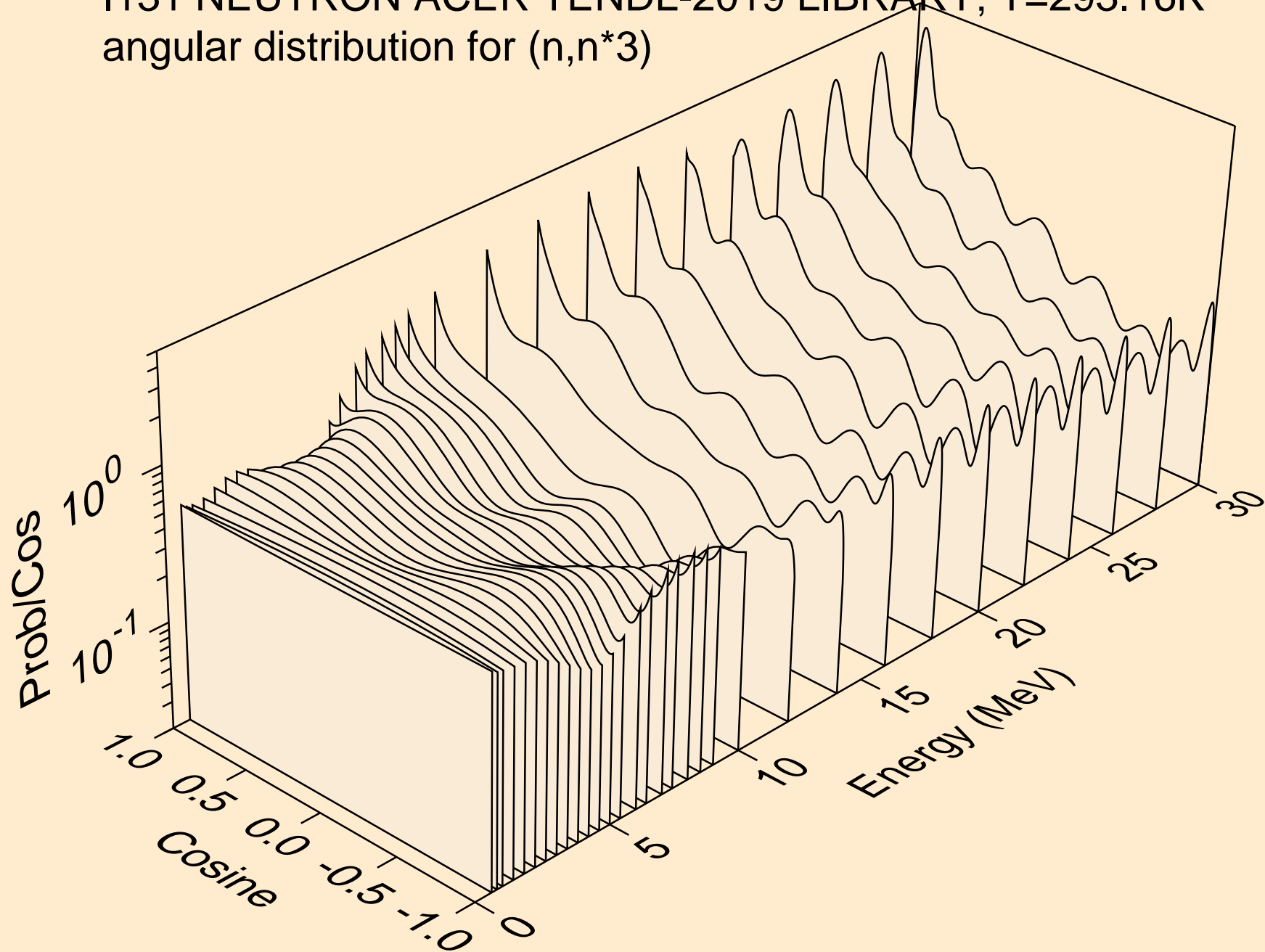
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



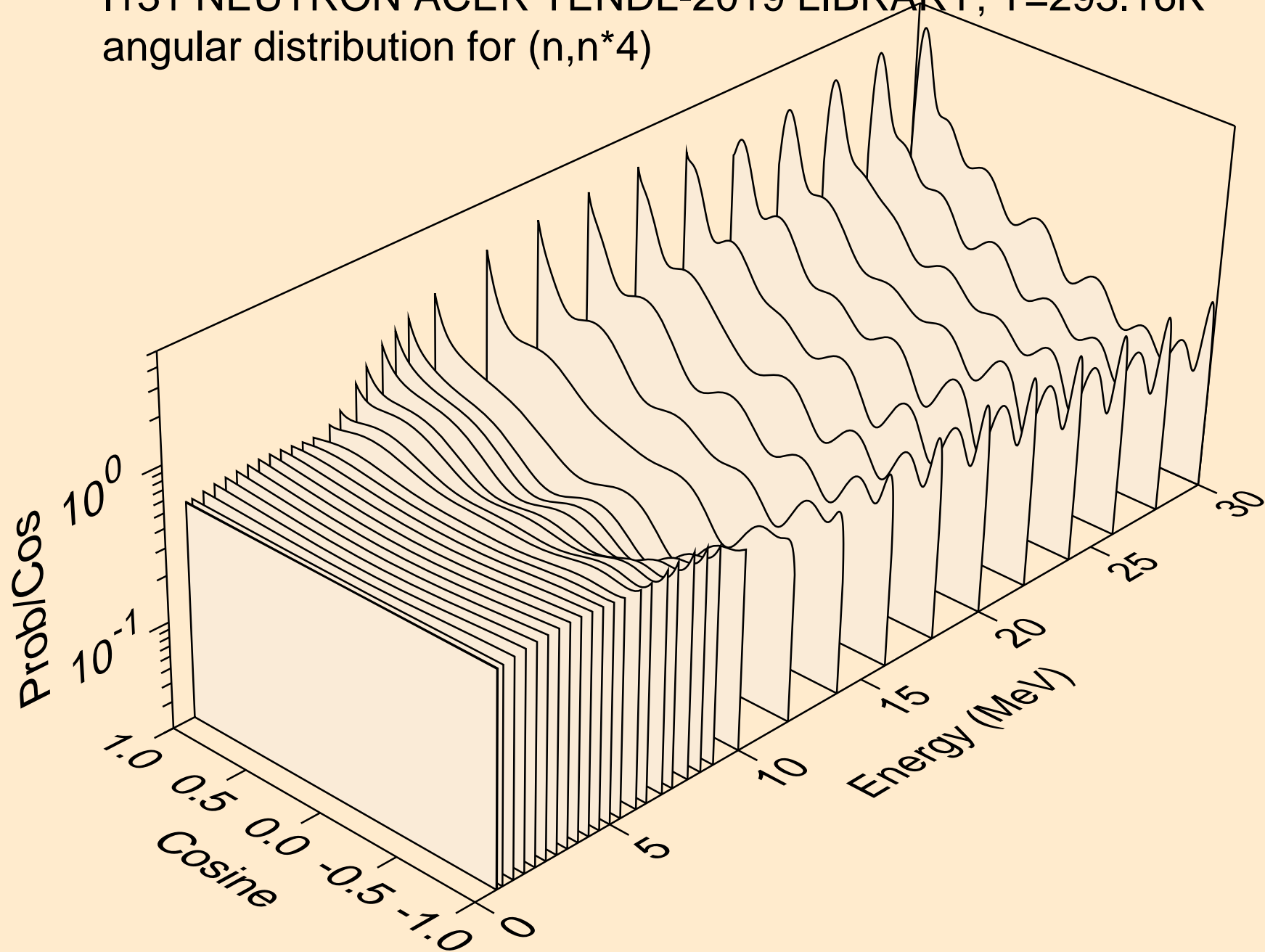
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



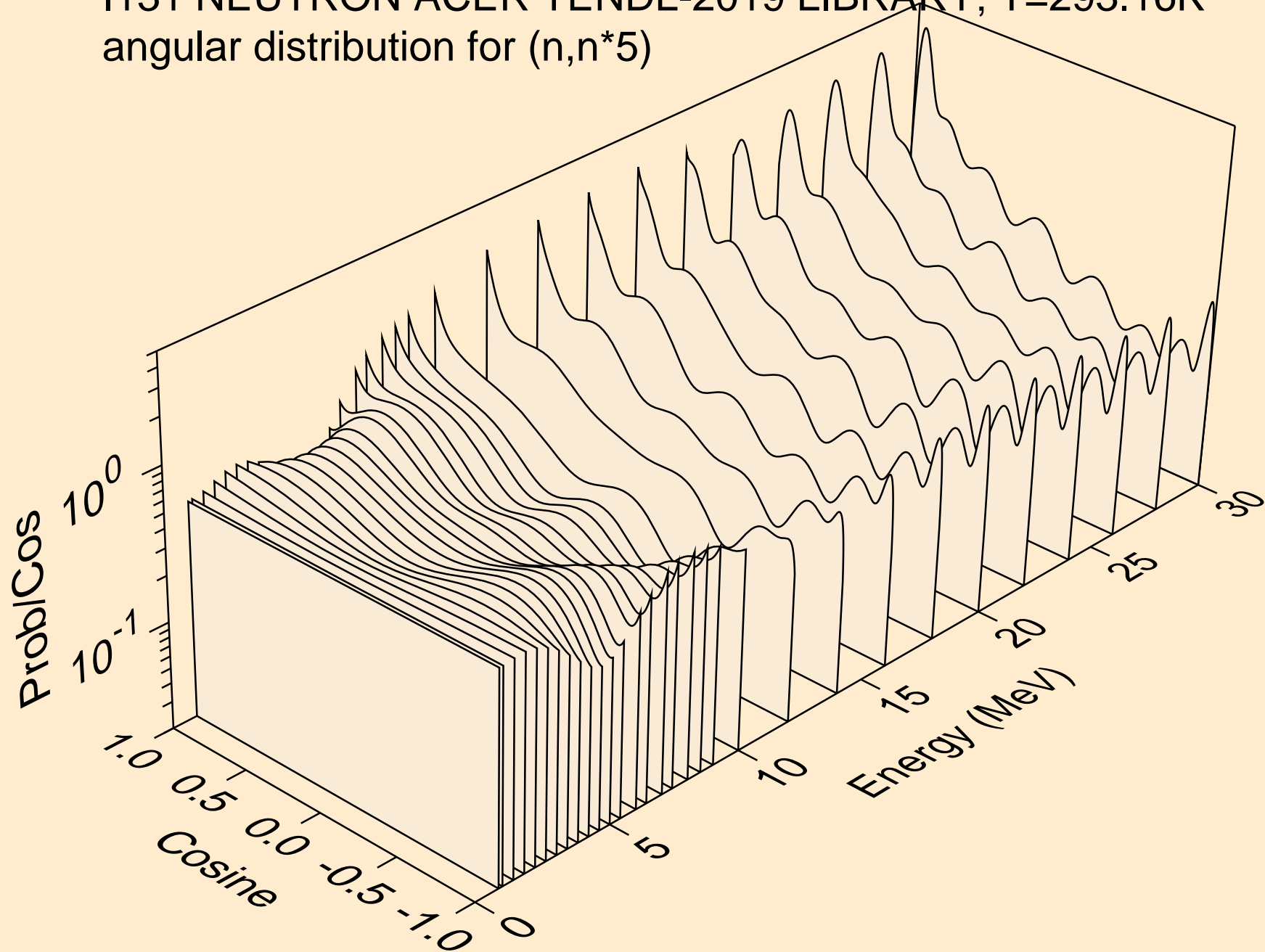
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



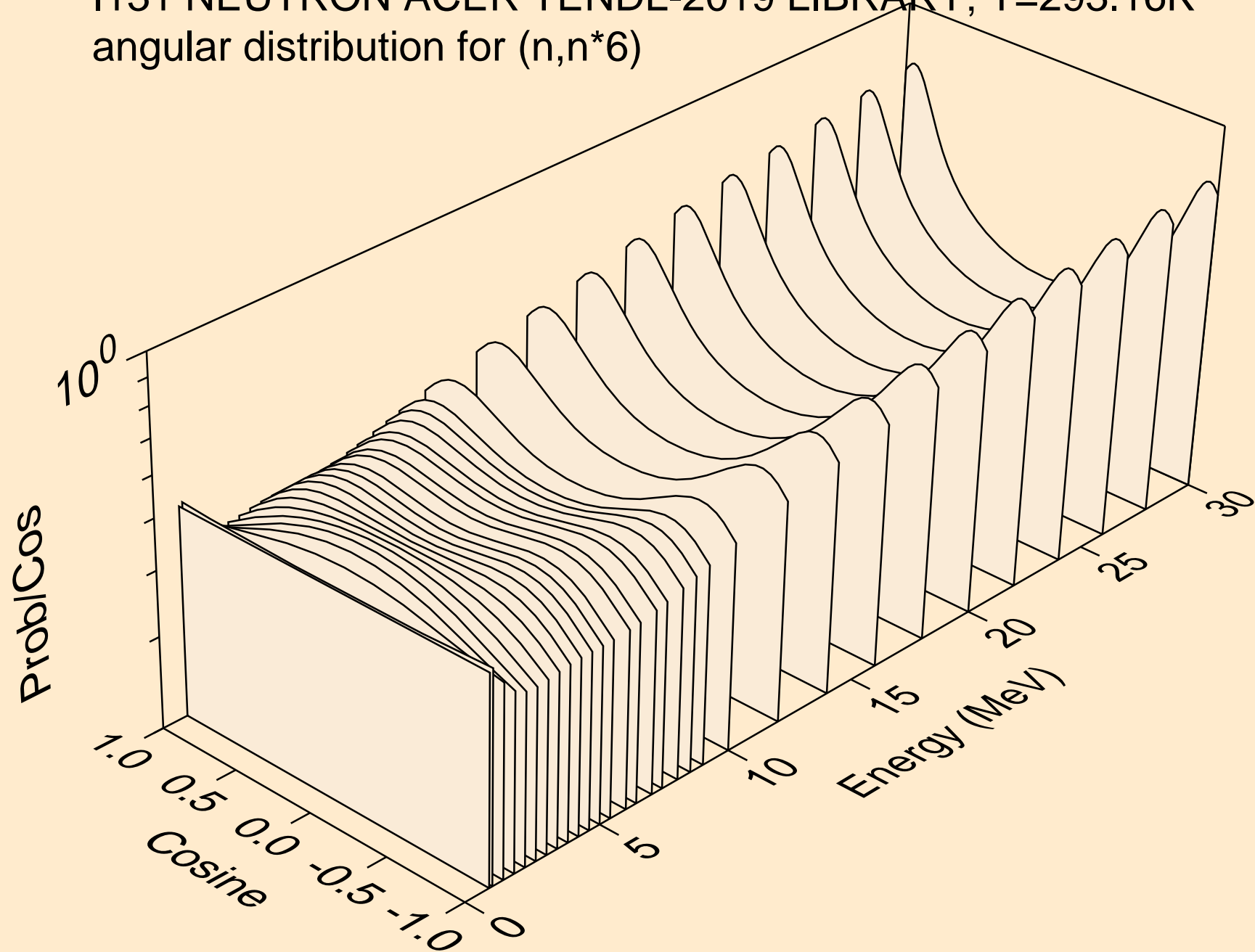
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



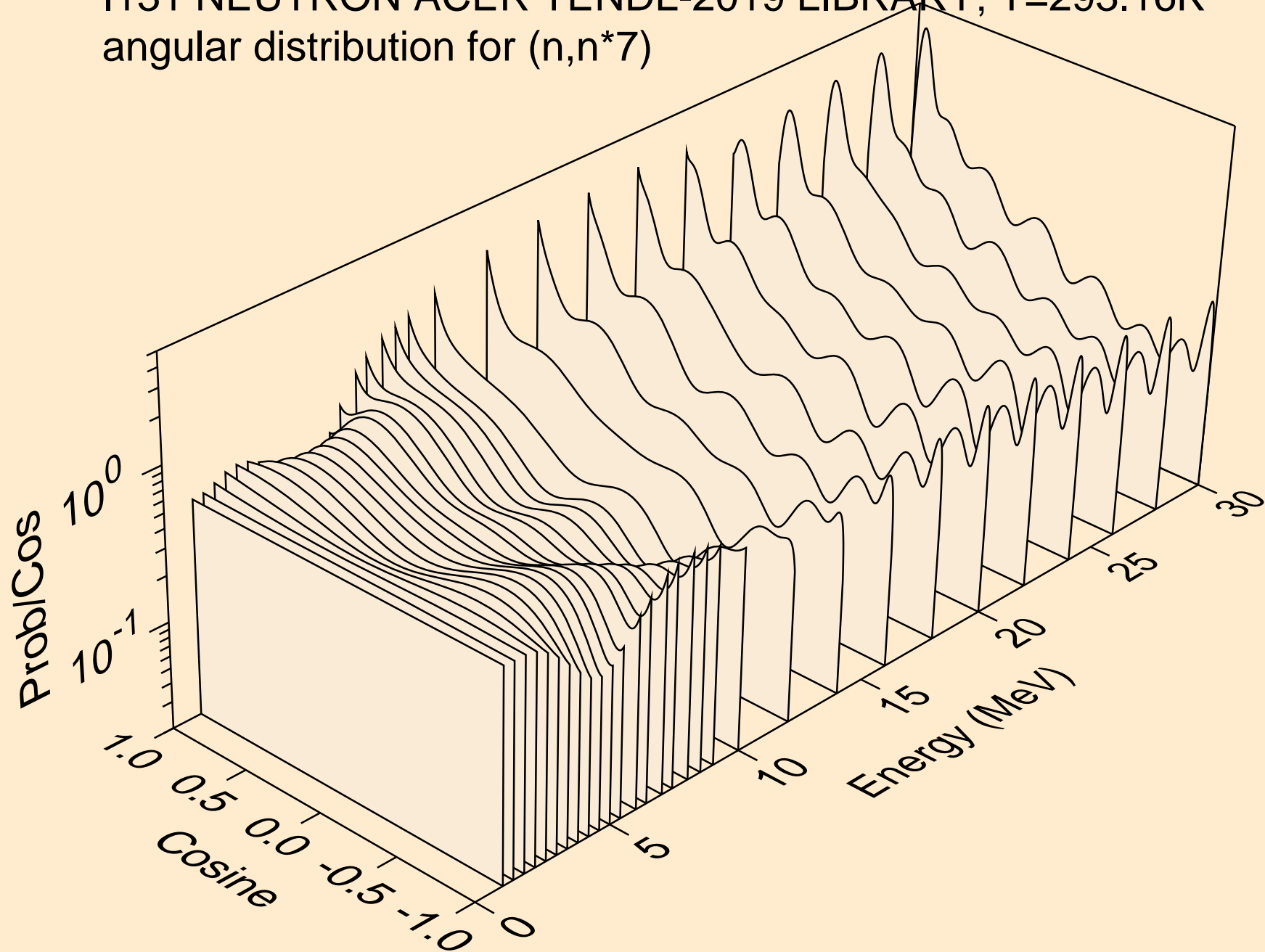
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



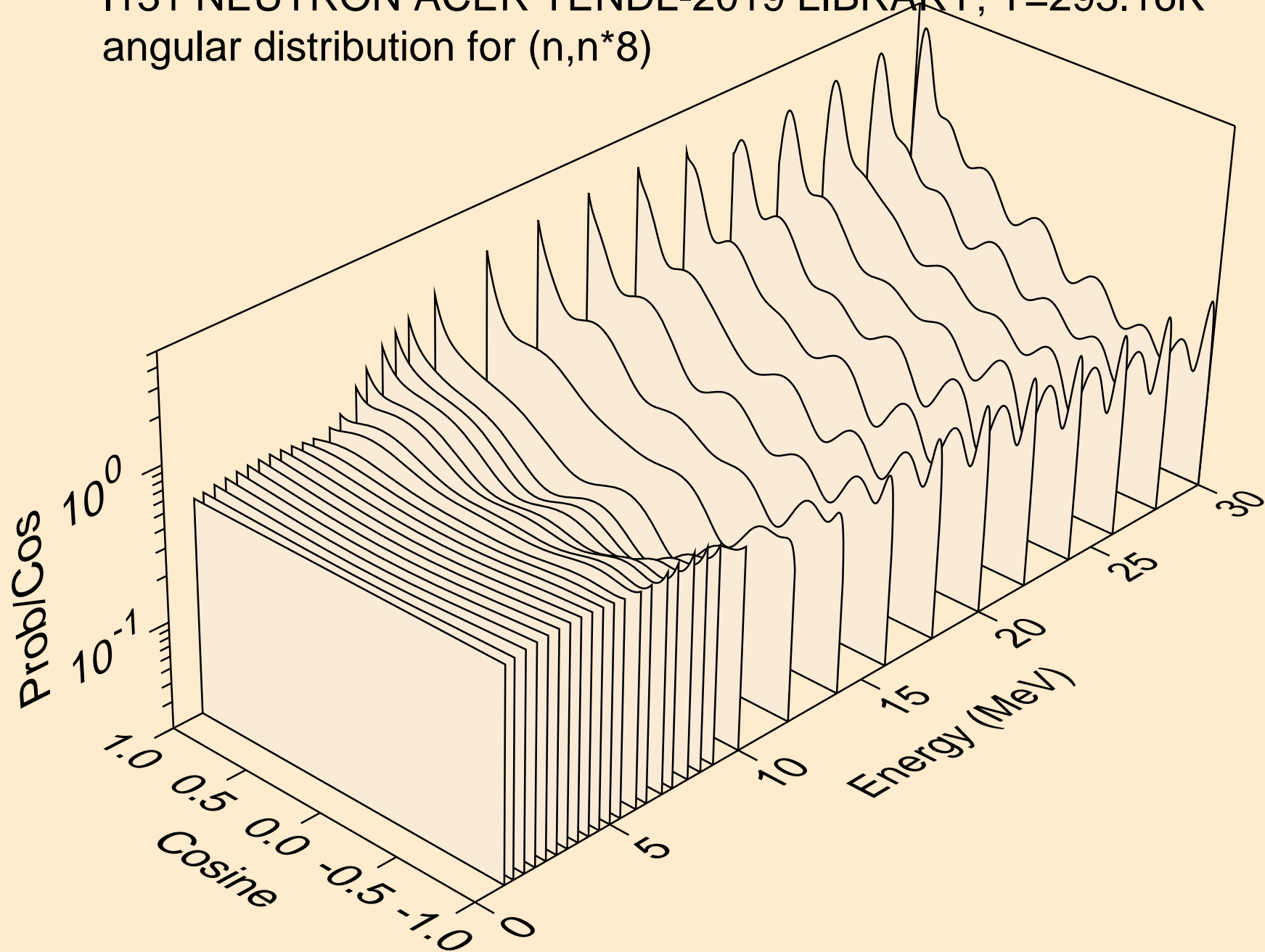
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



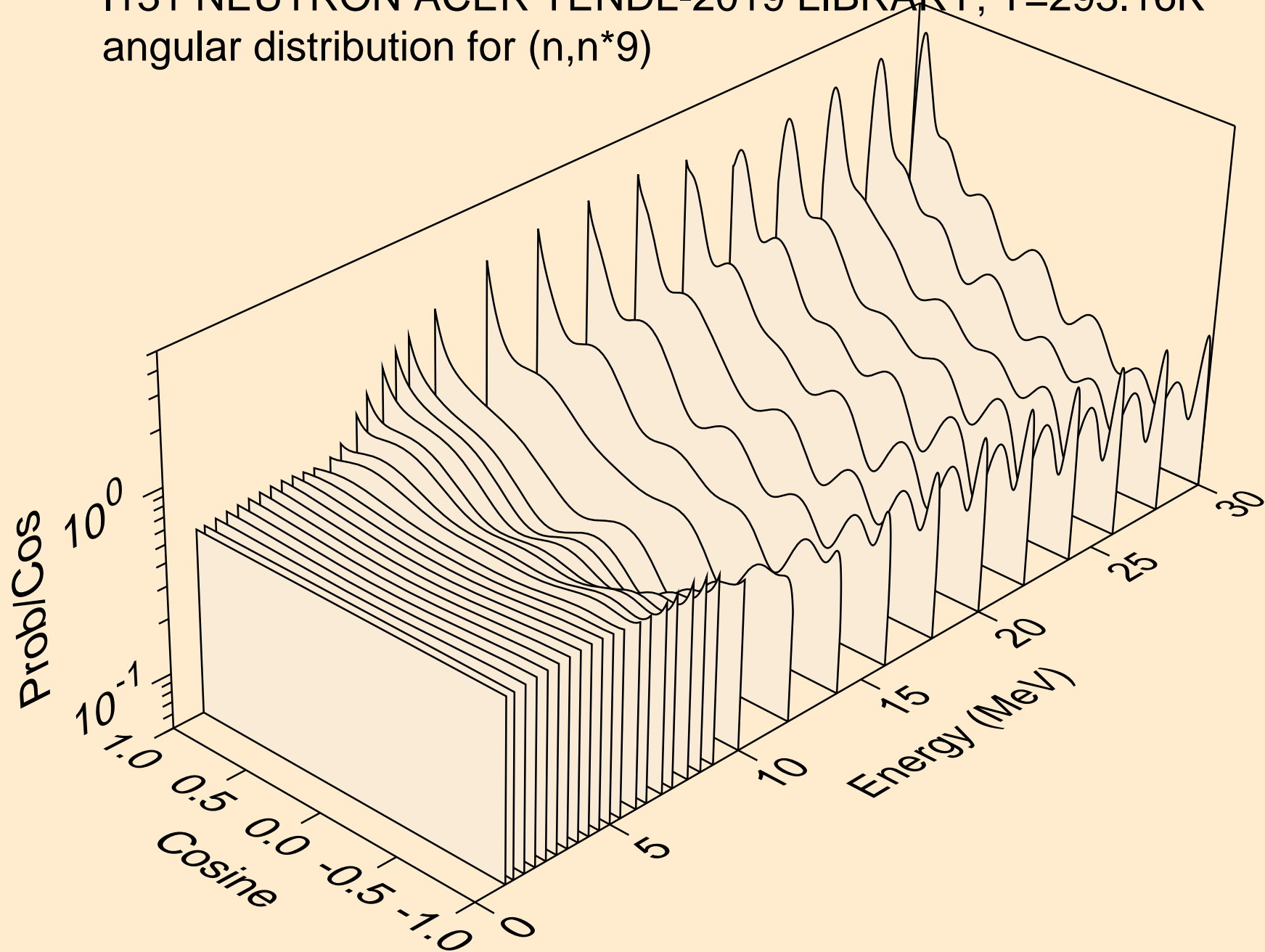
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



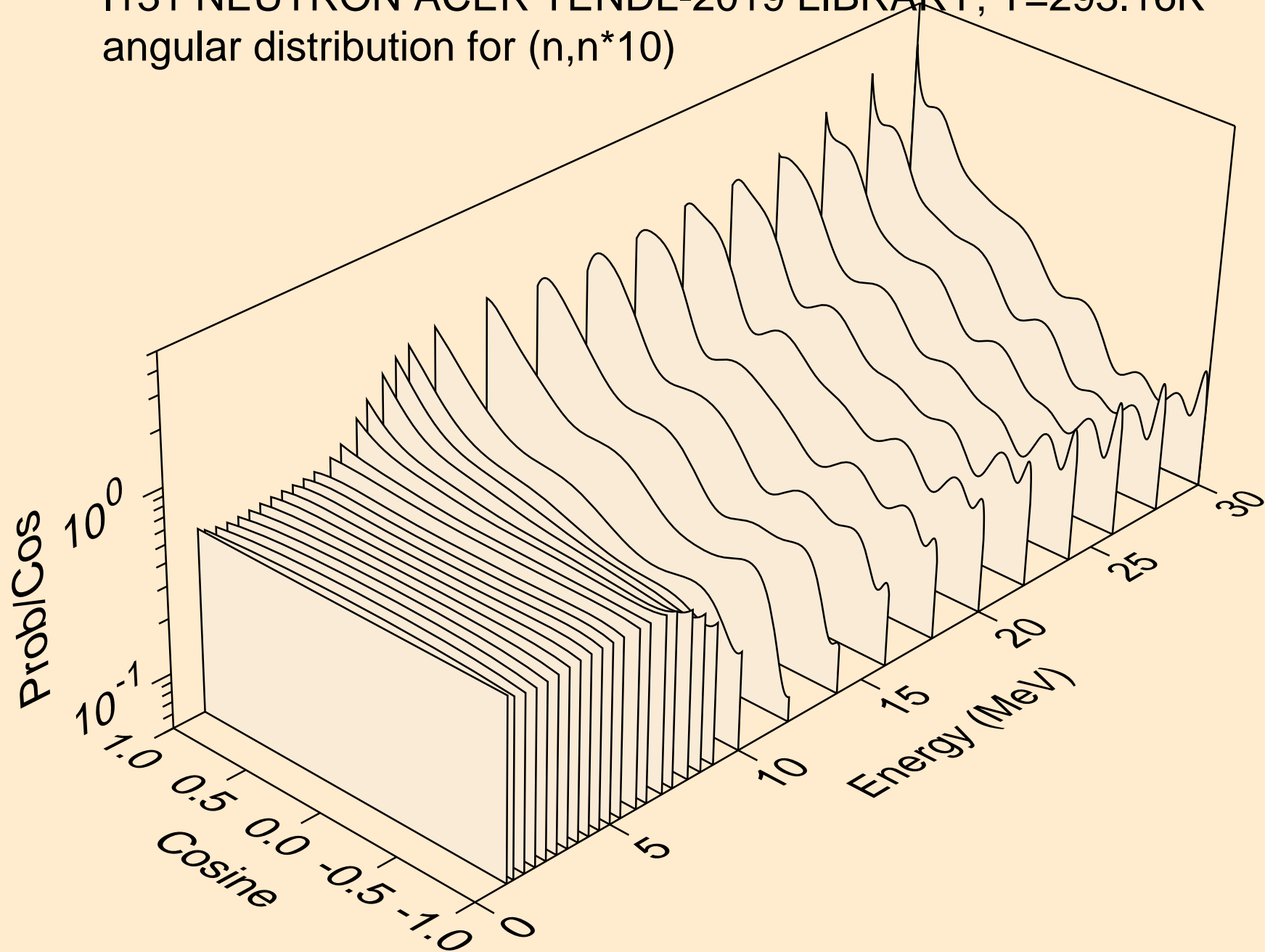
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angular distribution for (n,n*8)



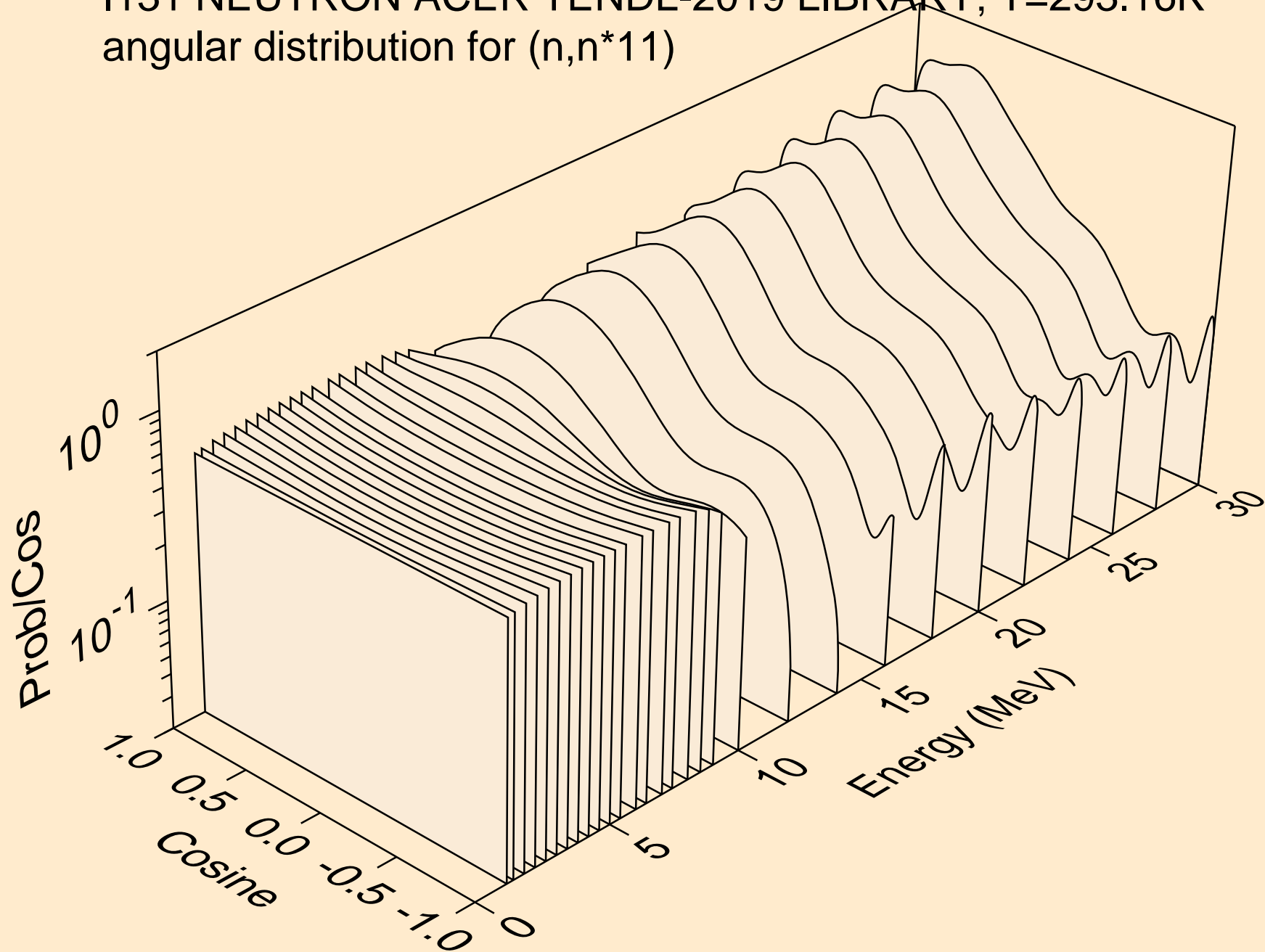
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angular distribution for (n,n*9)



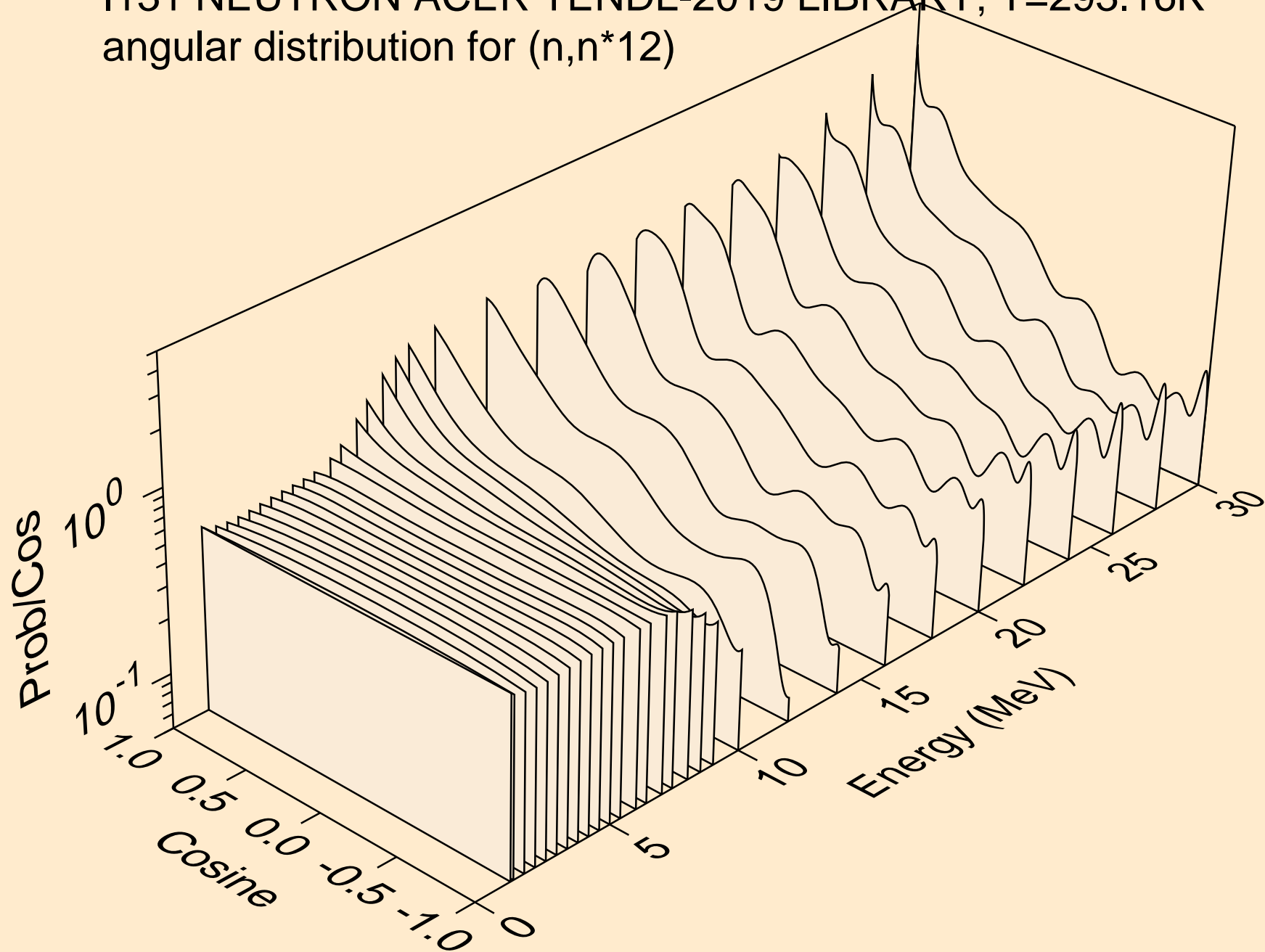
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



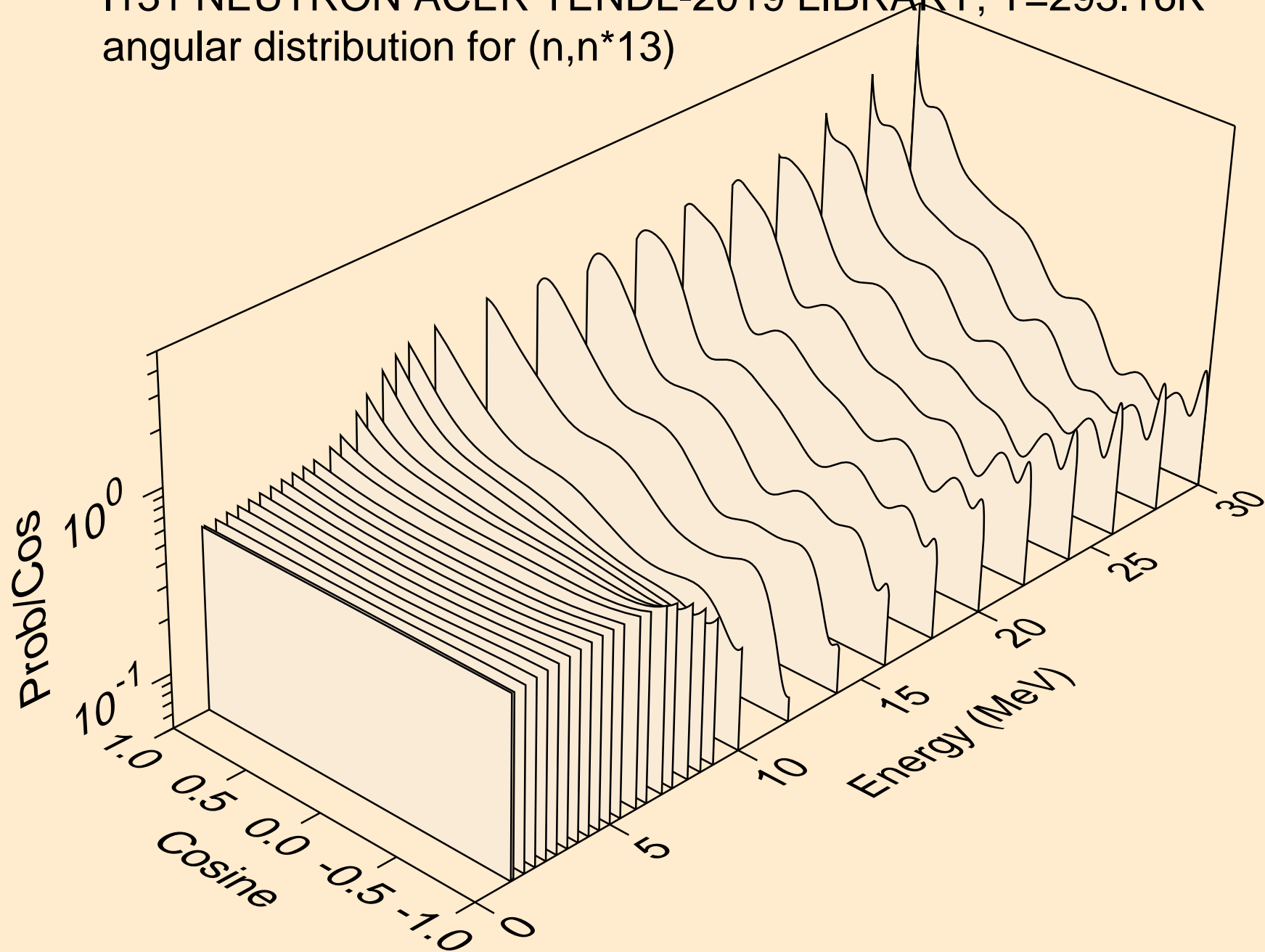
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



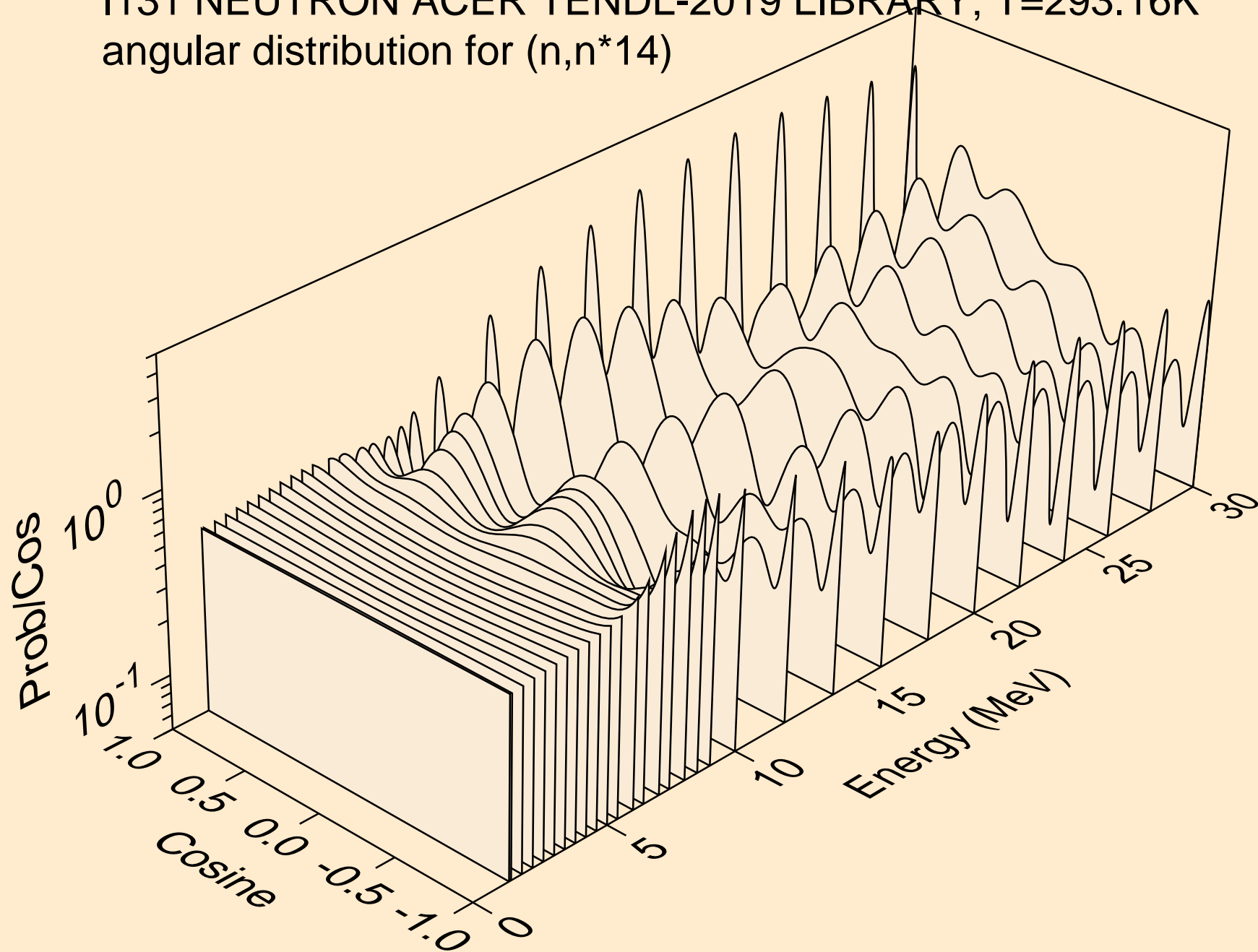
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



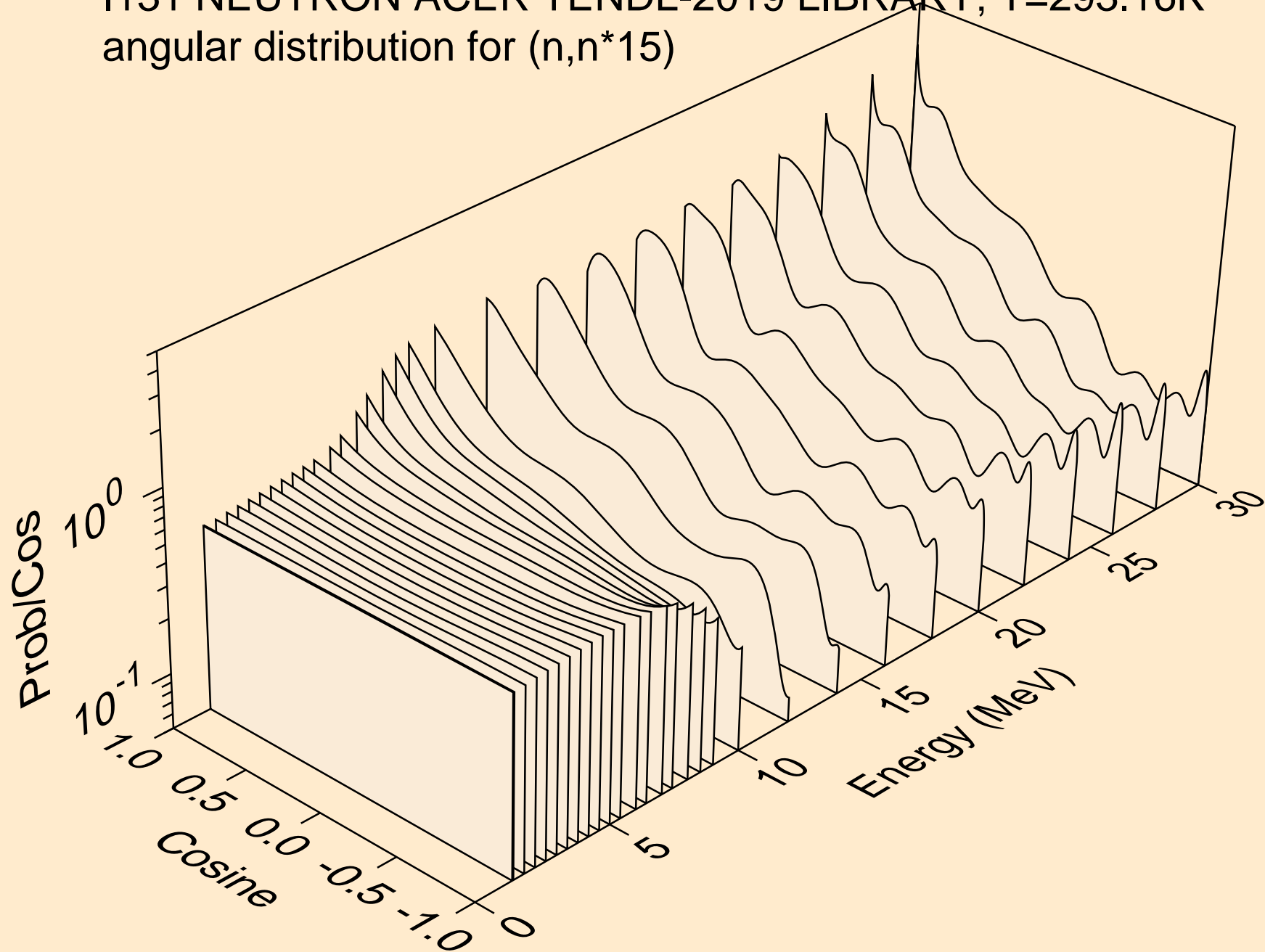
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



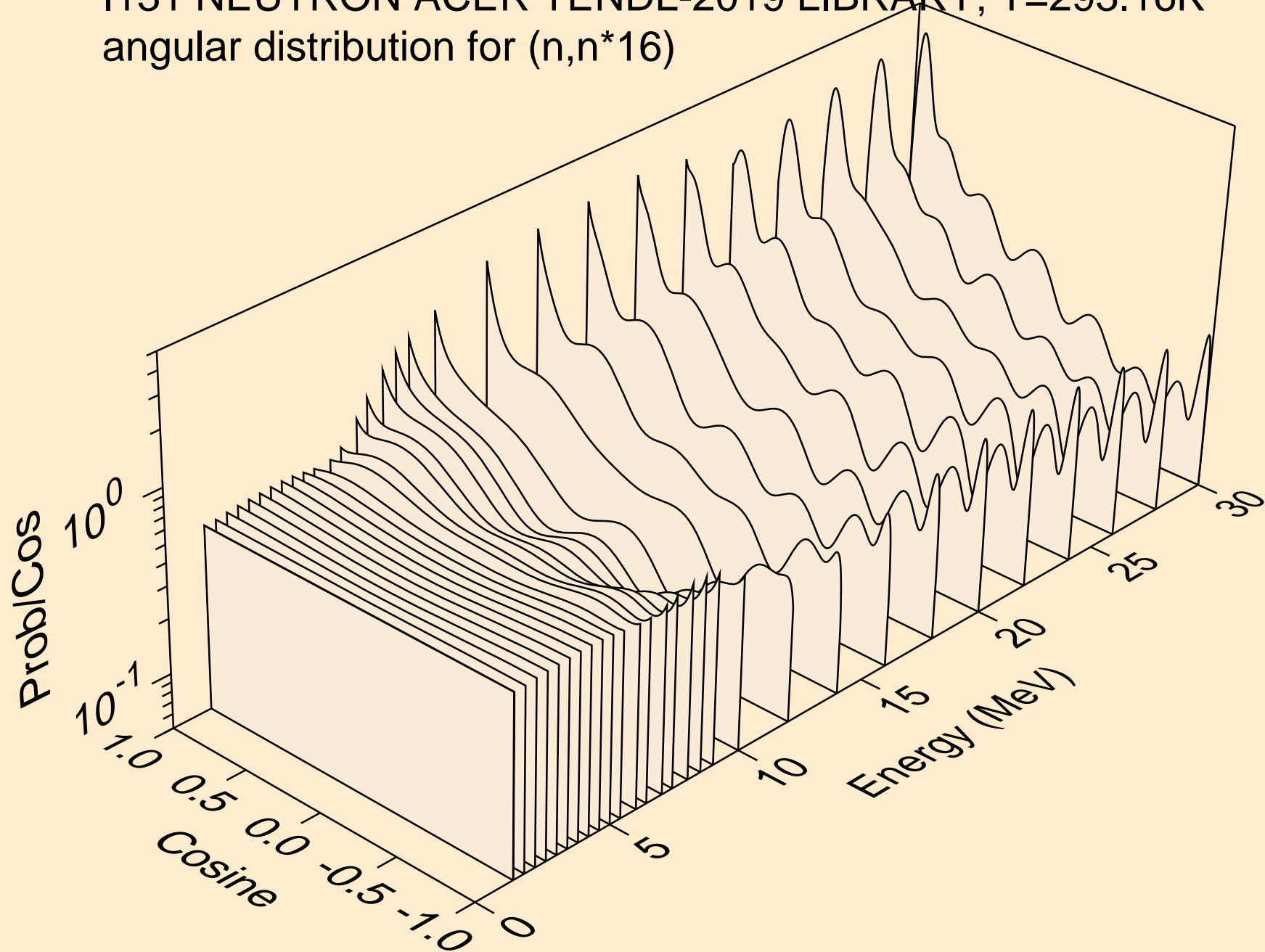
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



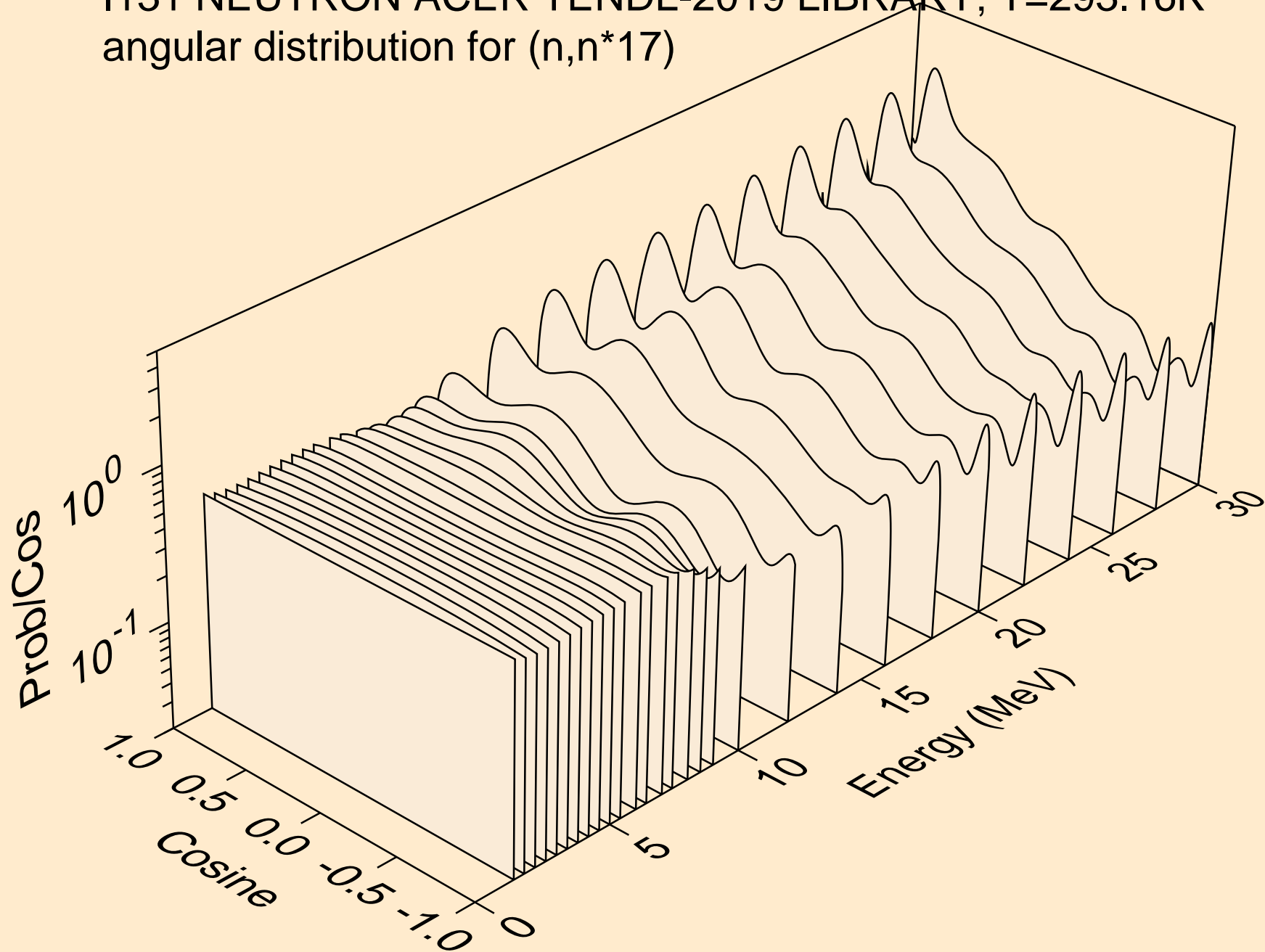
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



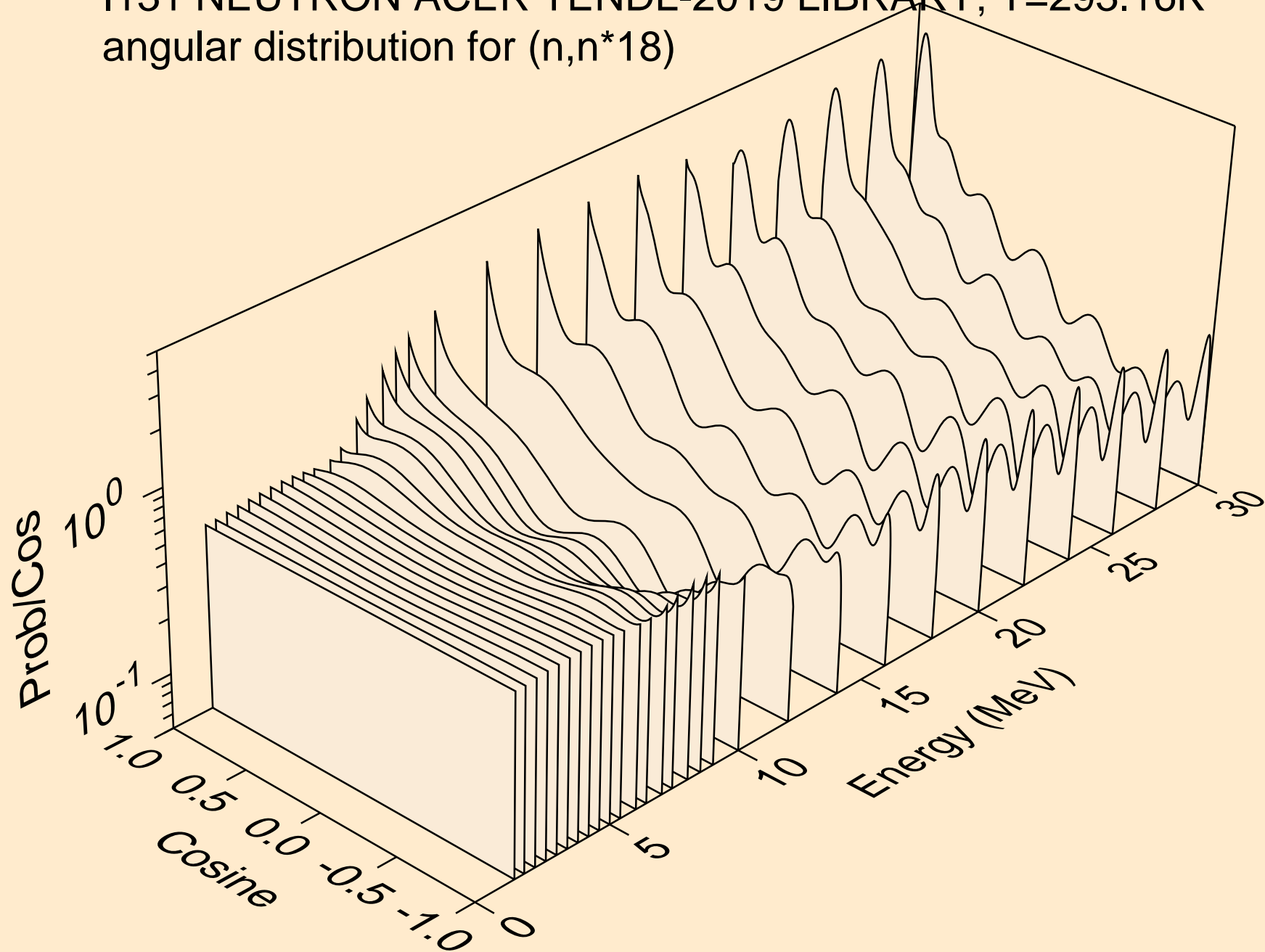
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



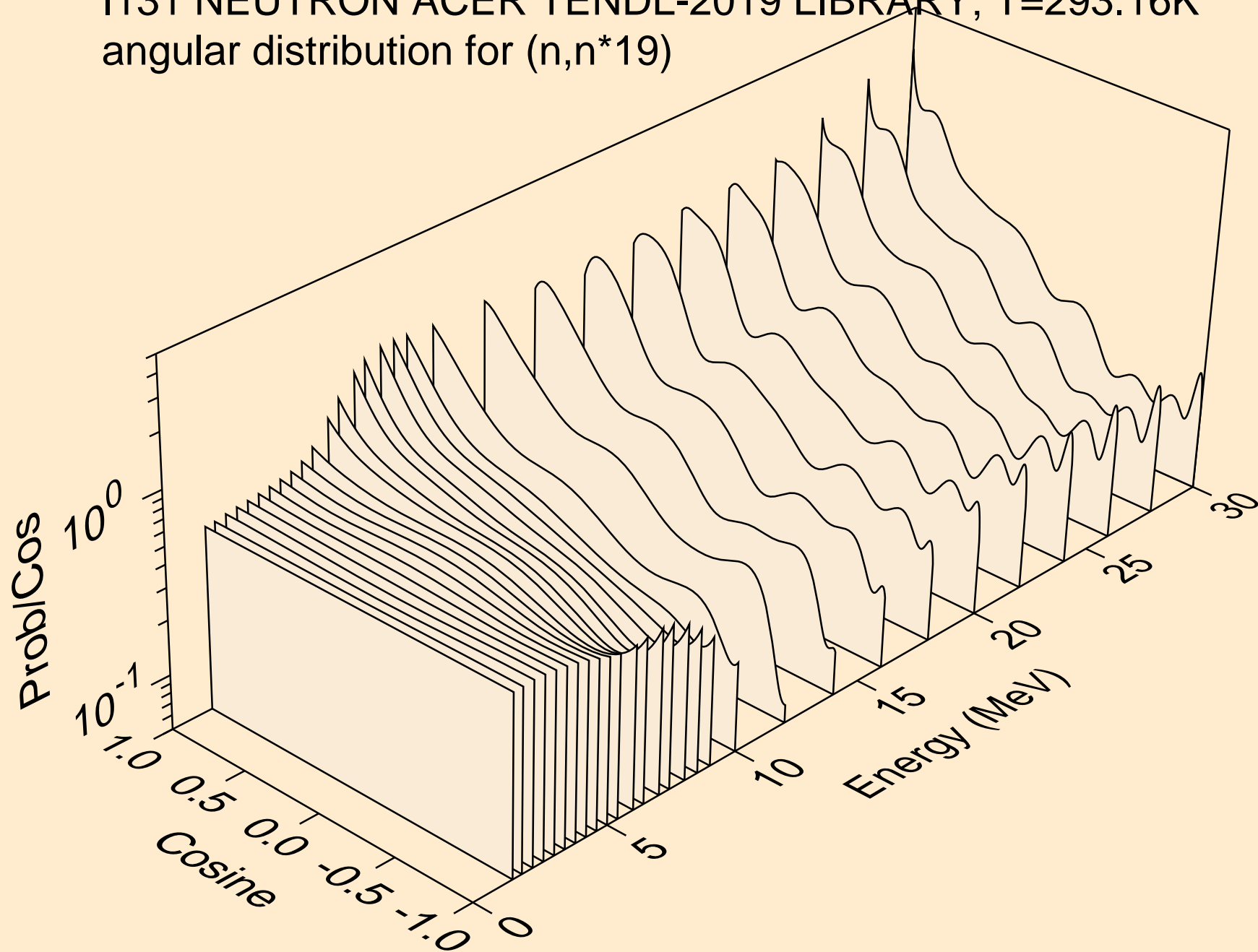
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angular distribution for (n,n*17)



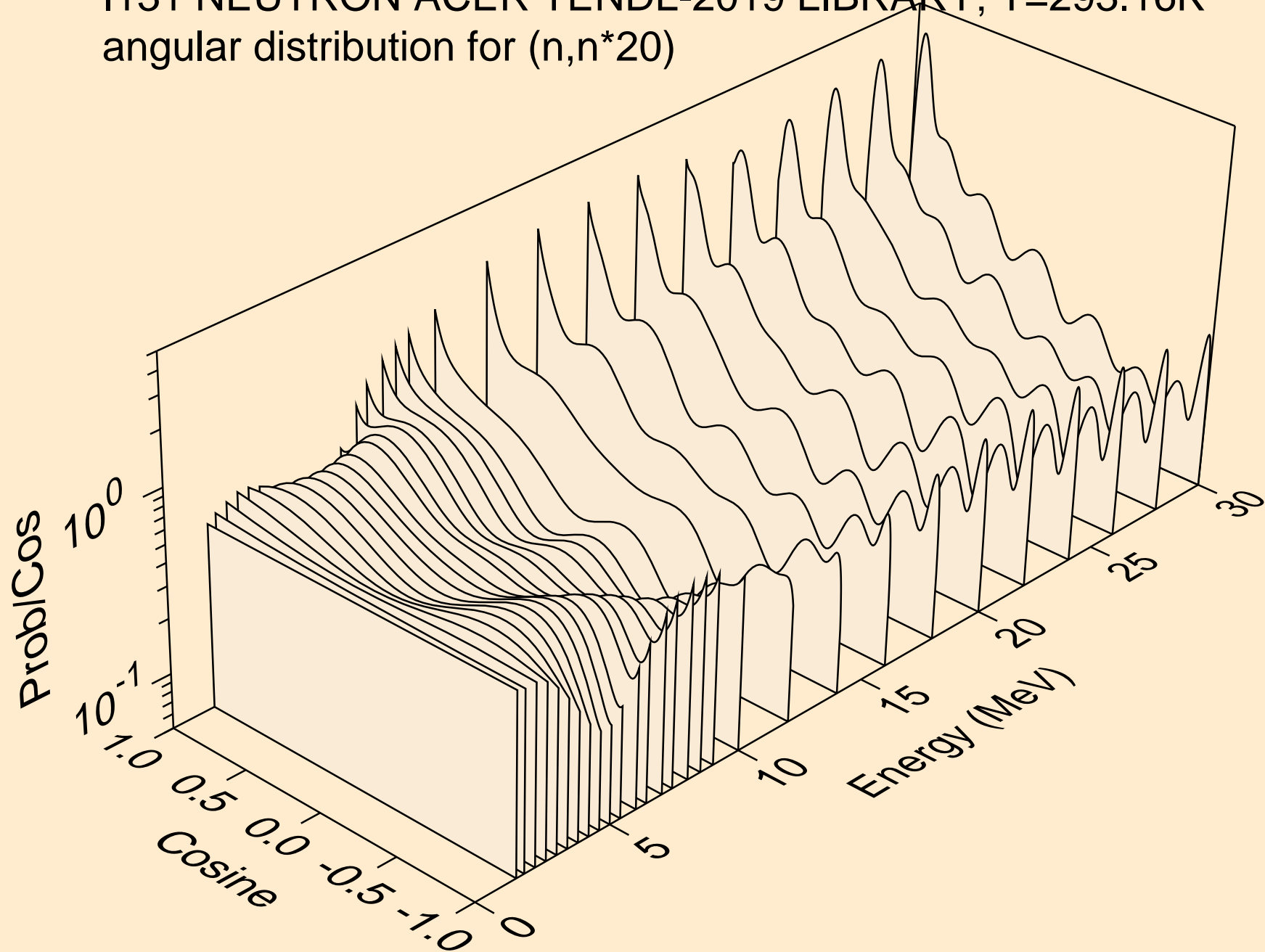
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



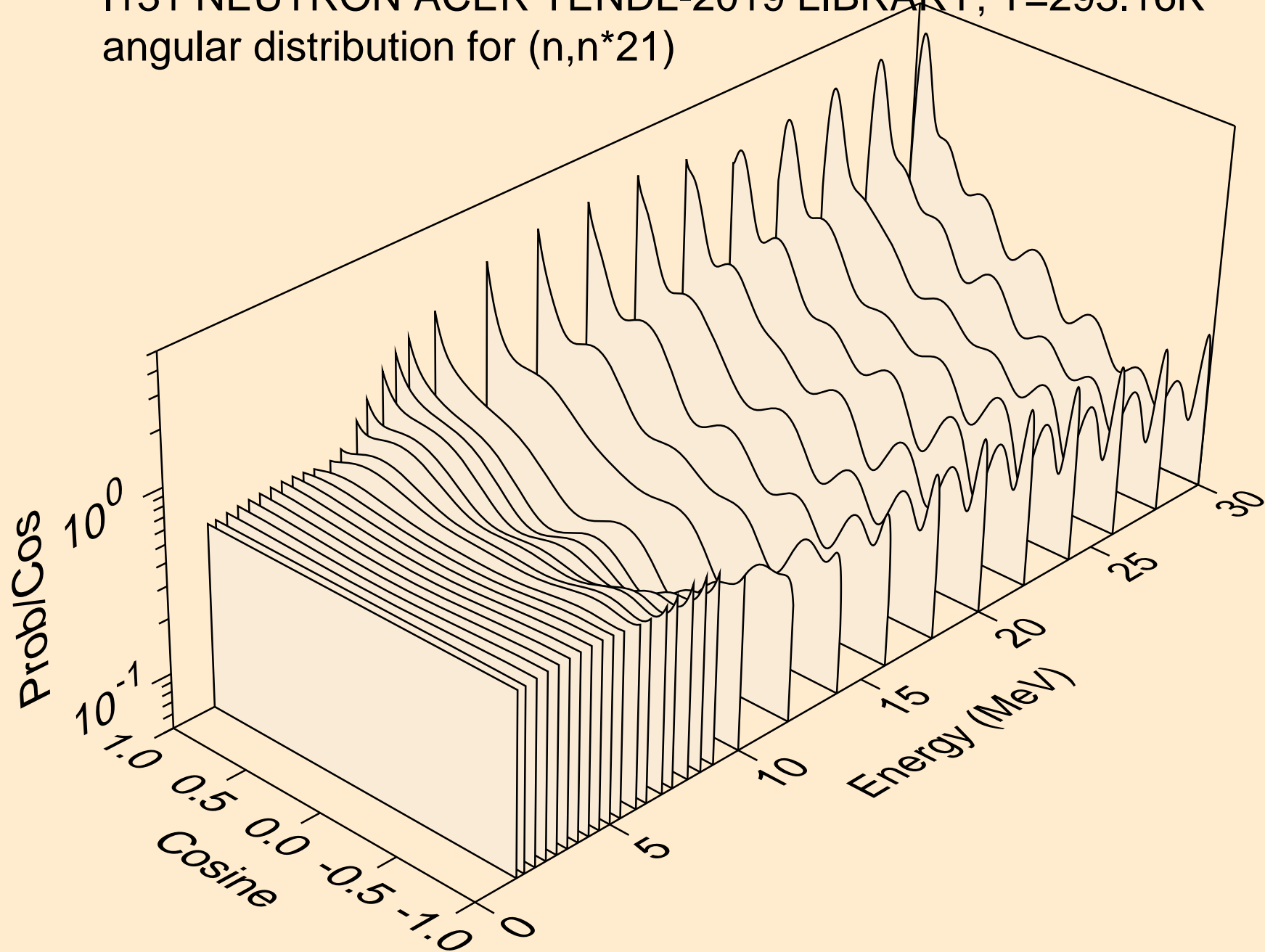
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



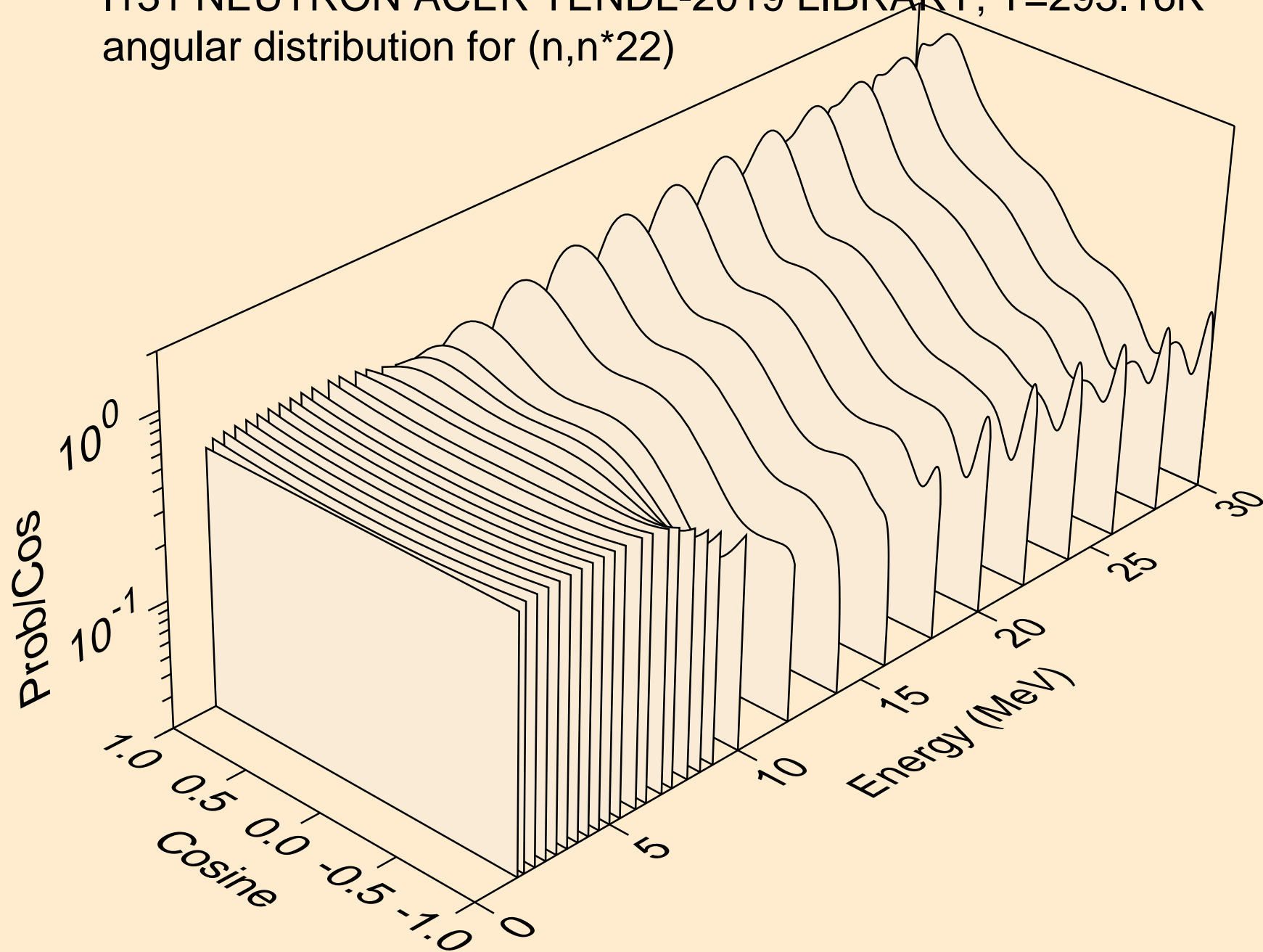
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



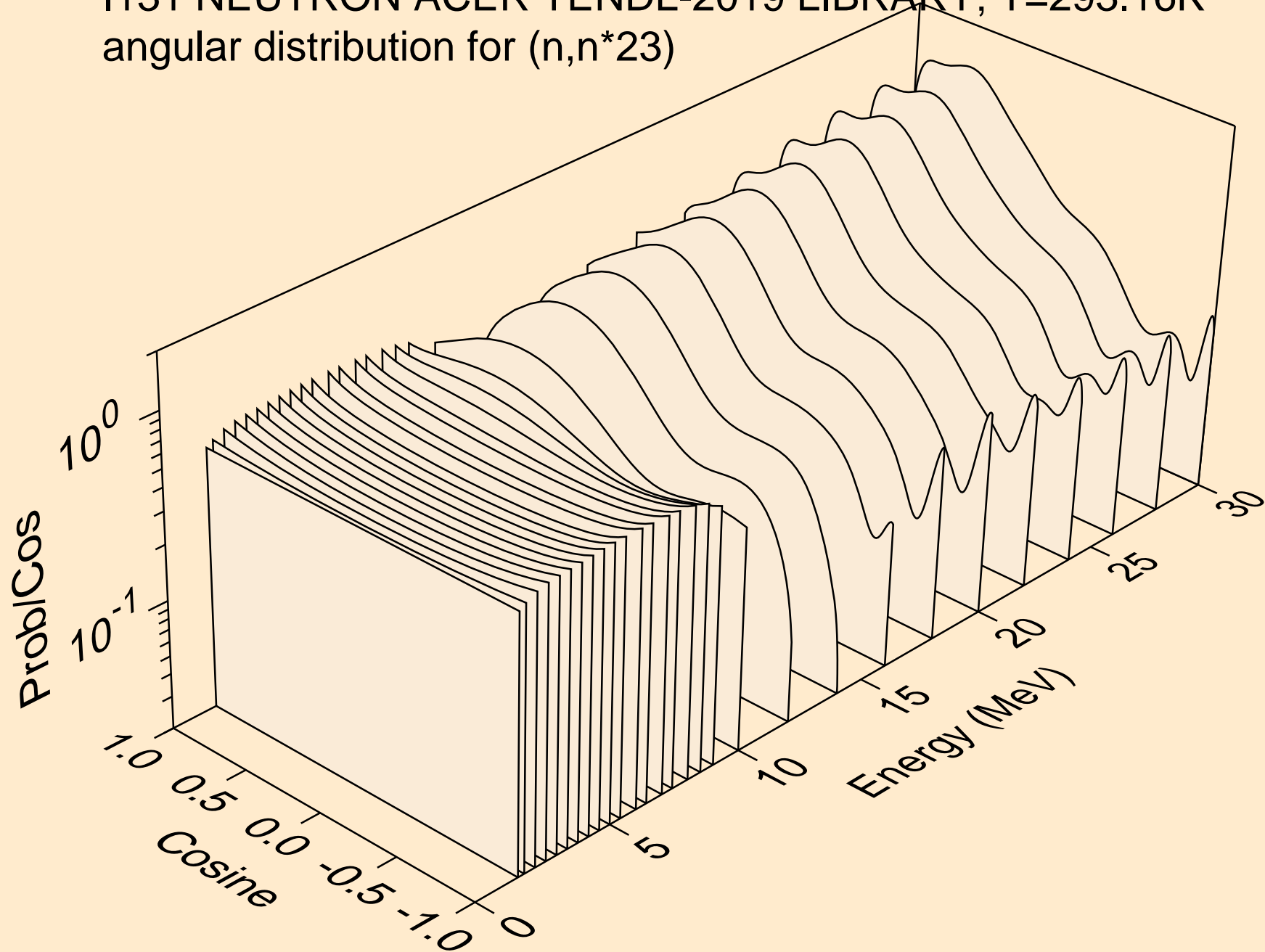
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



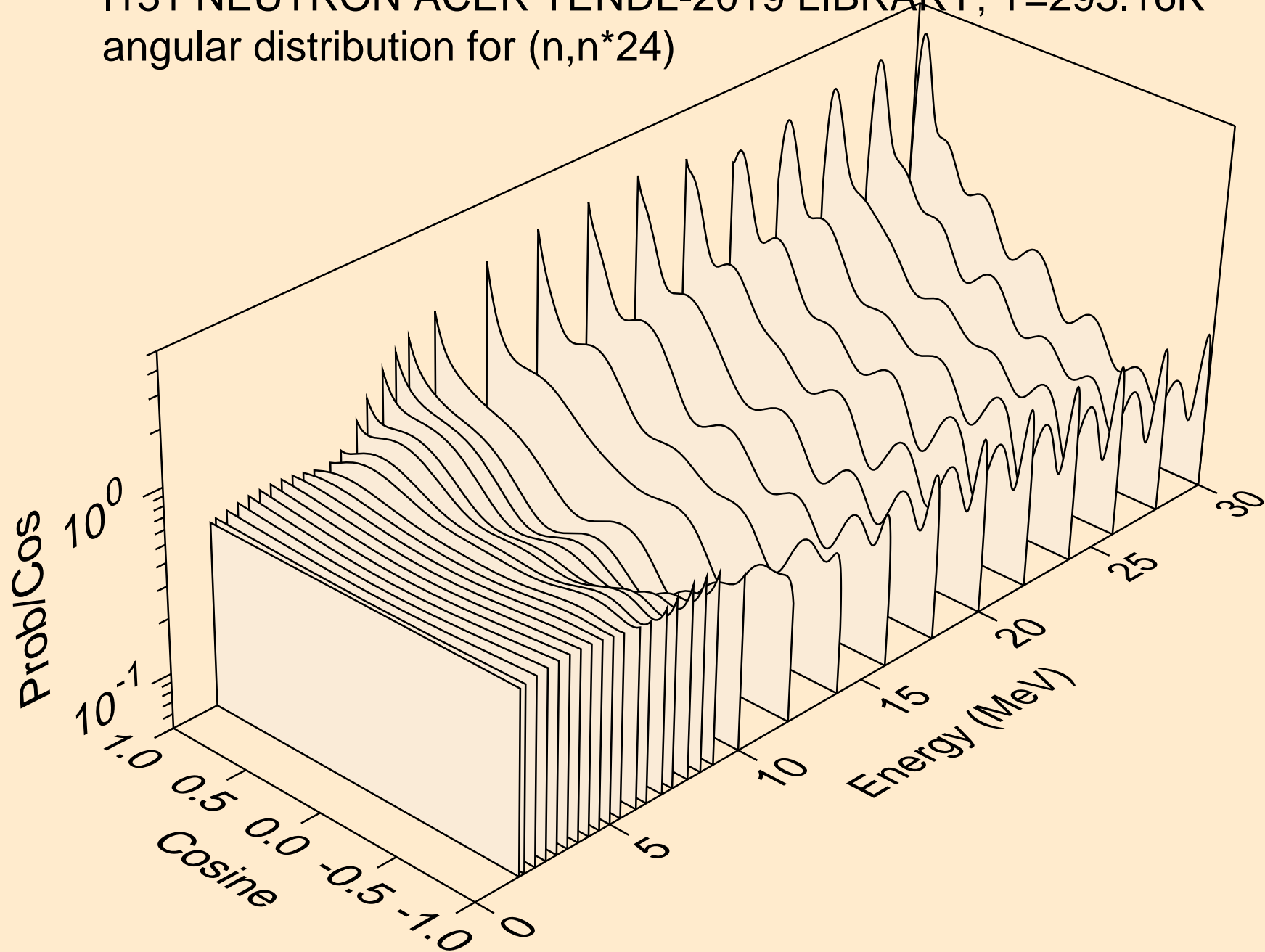
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angular distribution for (n,n*22)



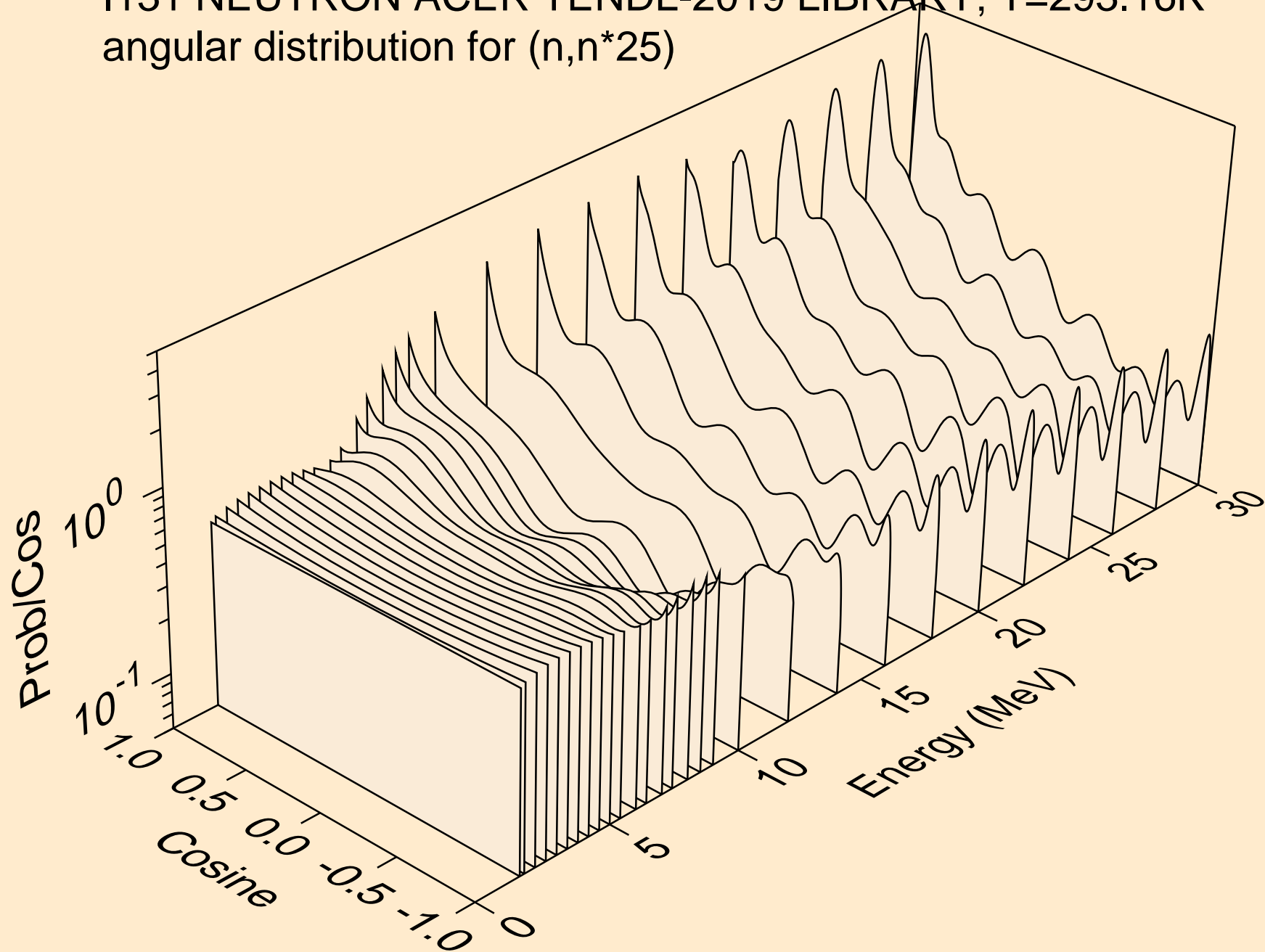
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



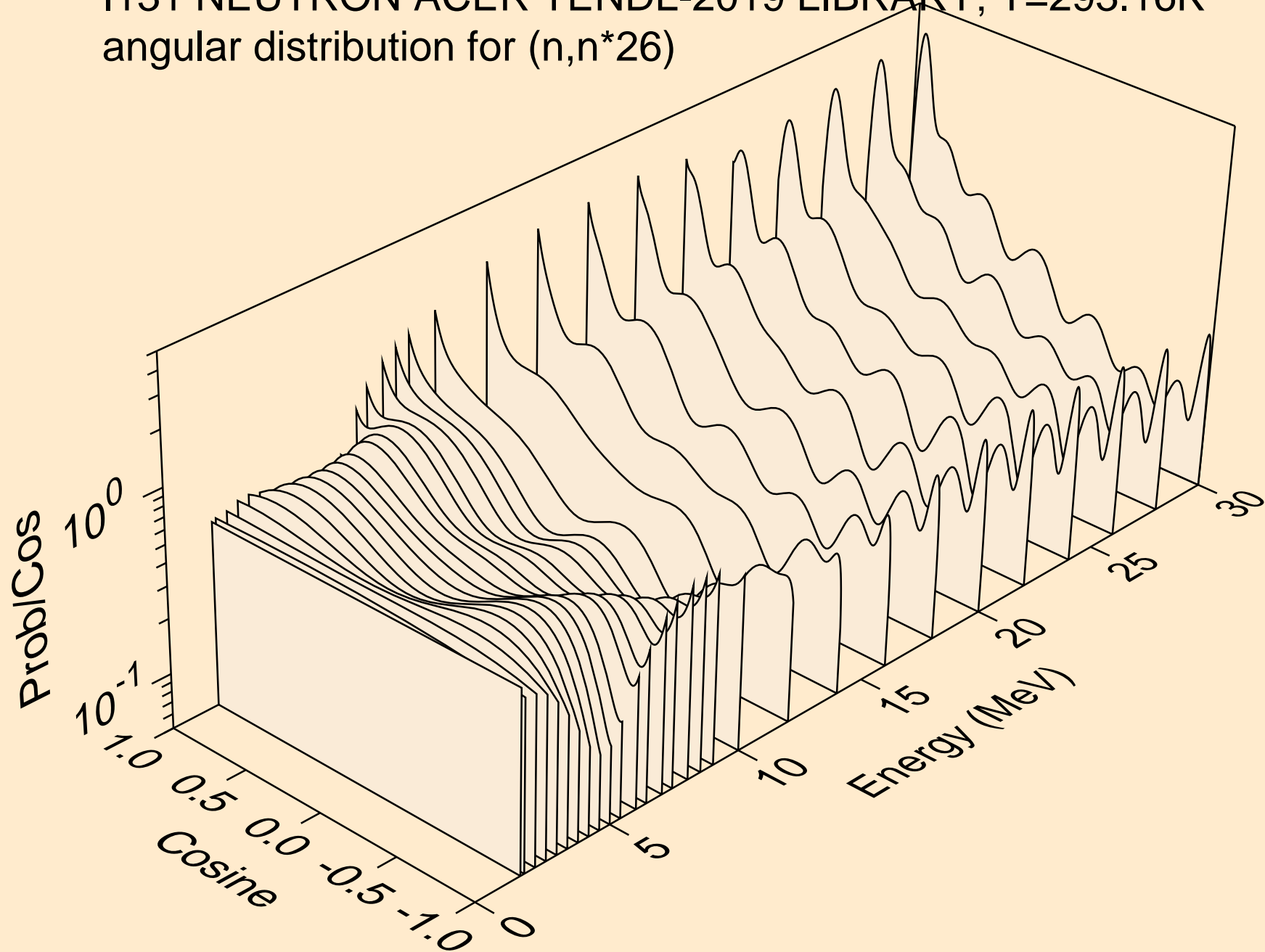
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



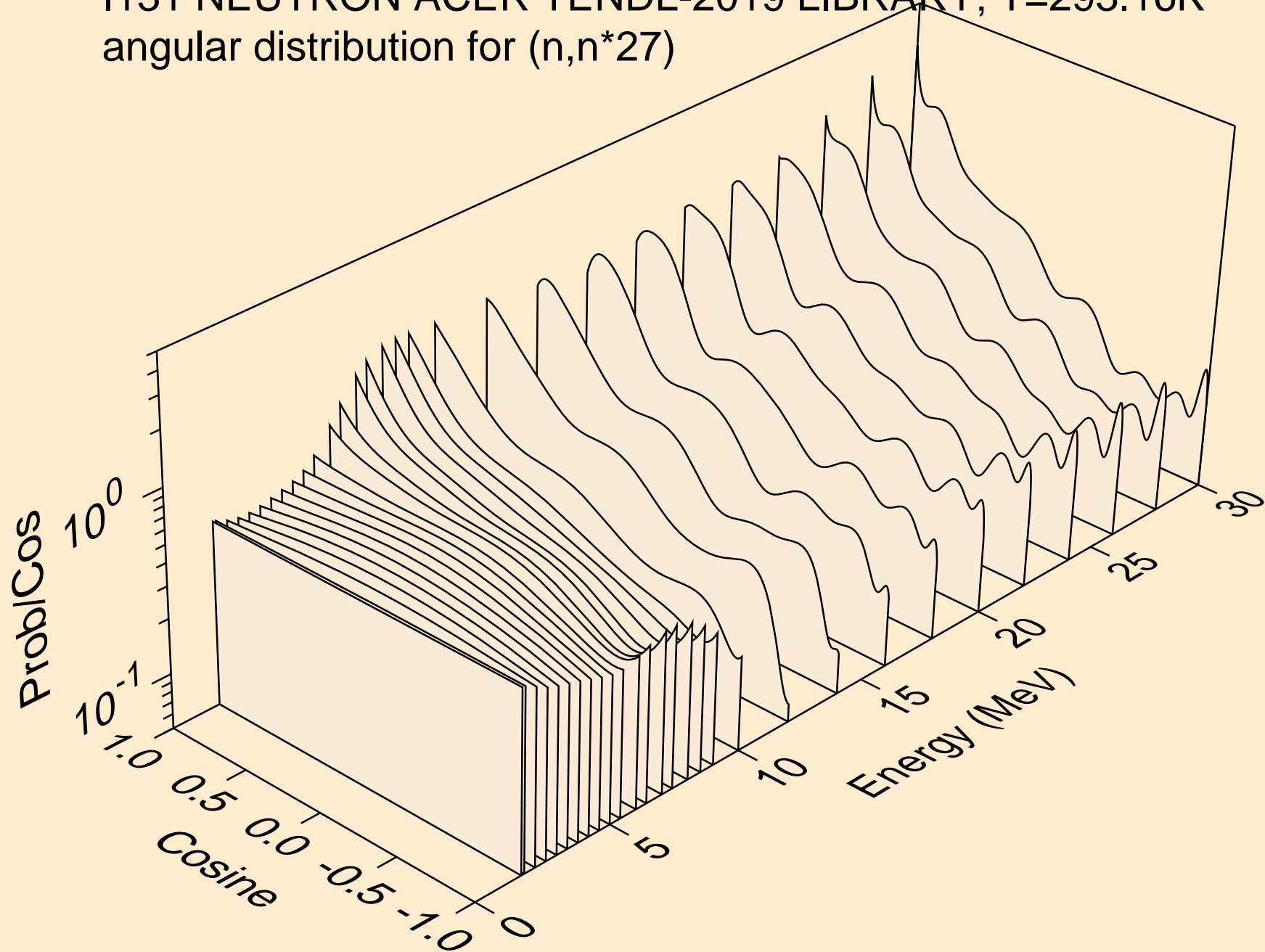
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



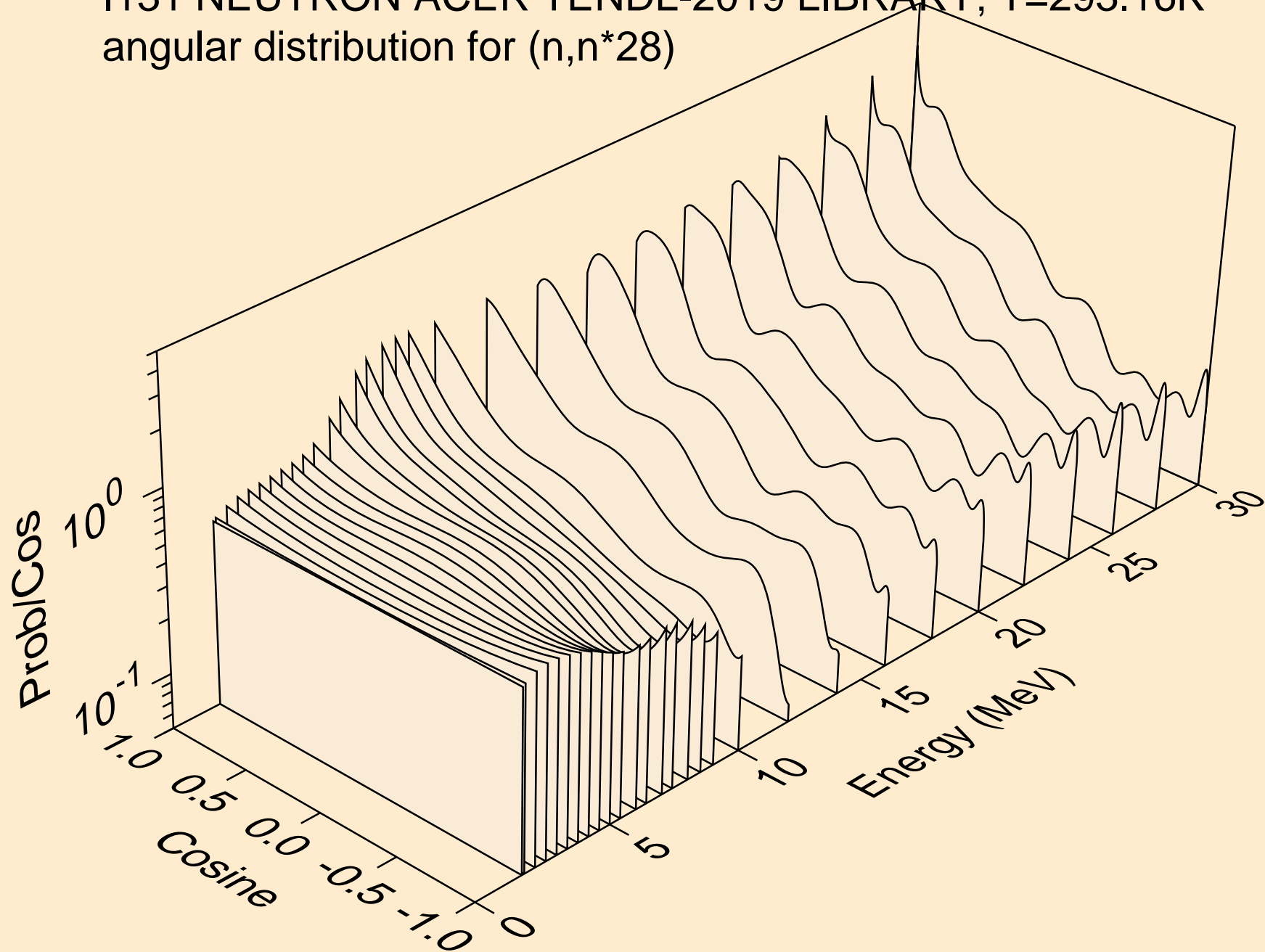
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



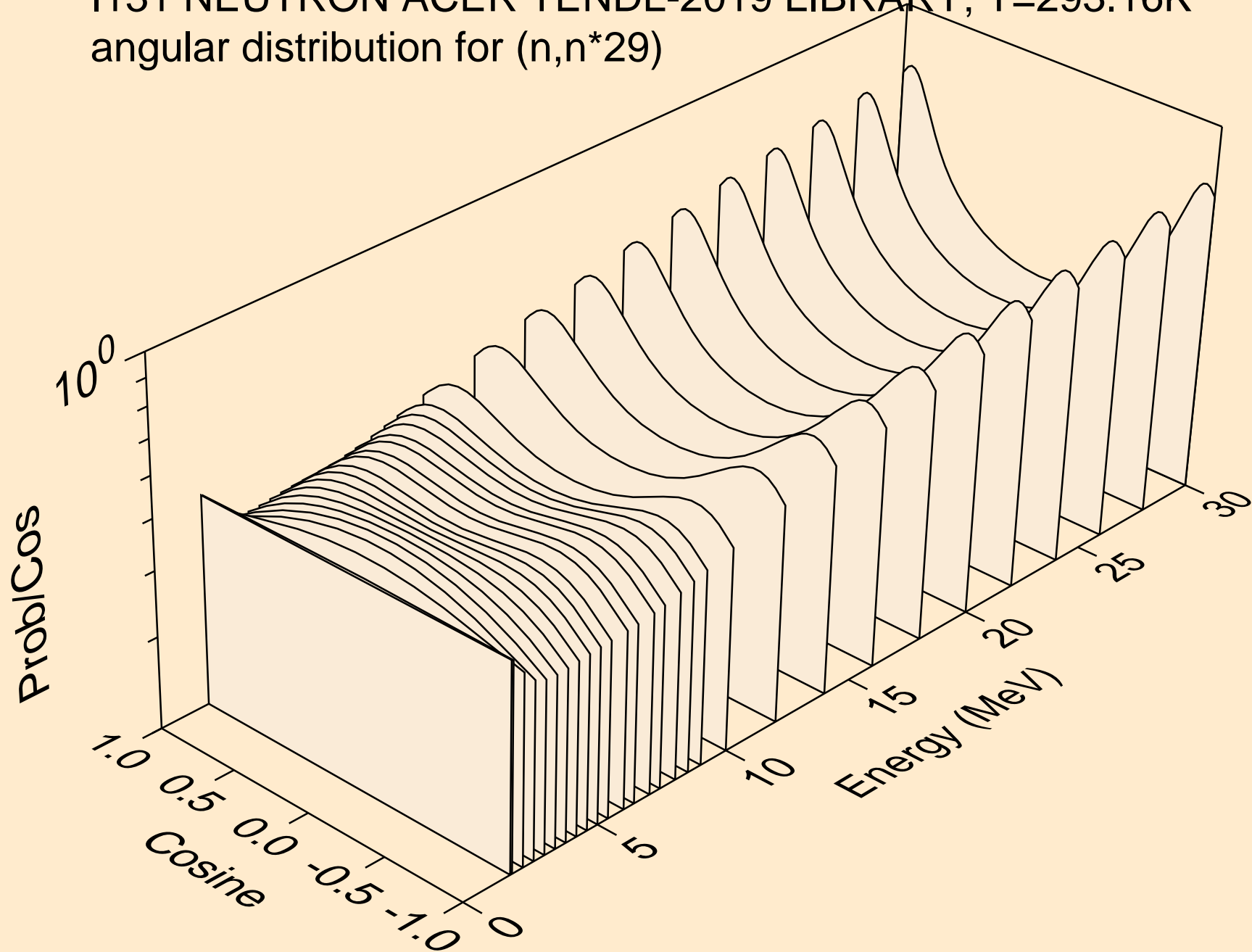
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



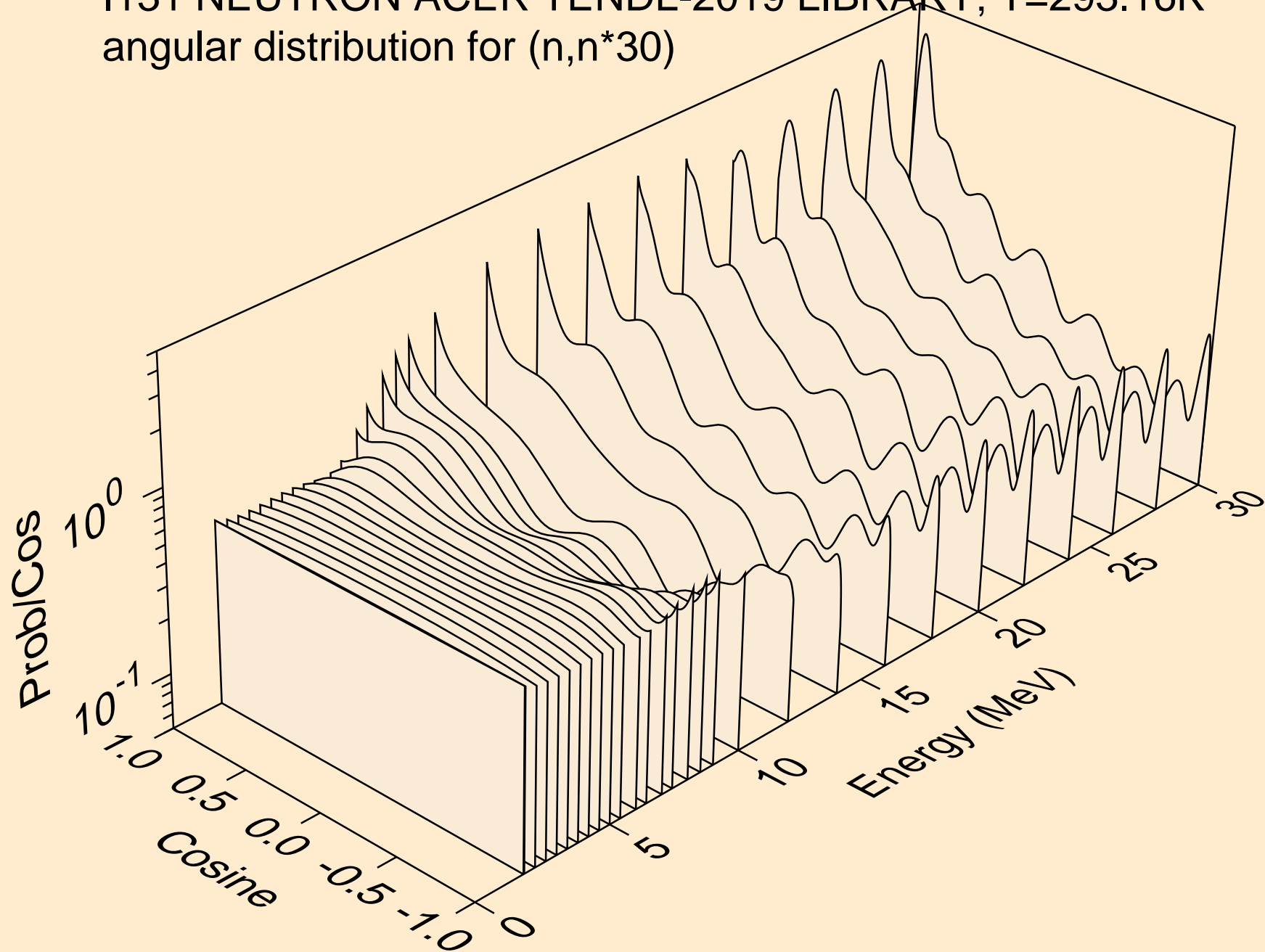
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



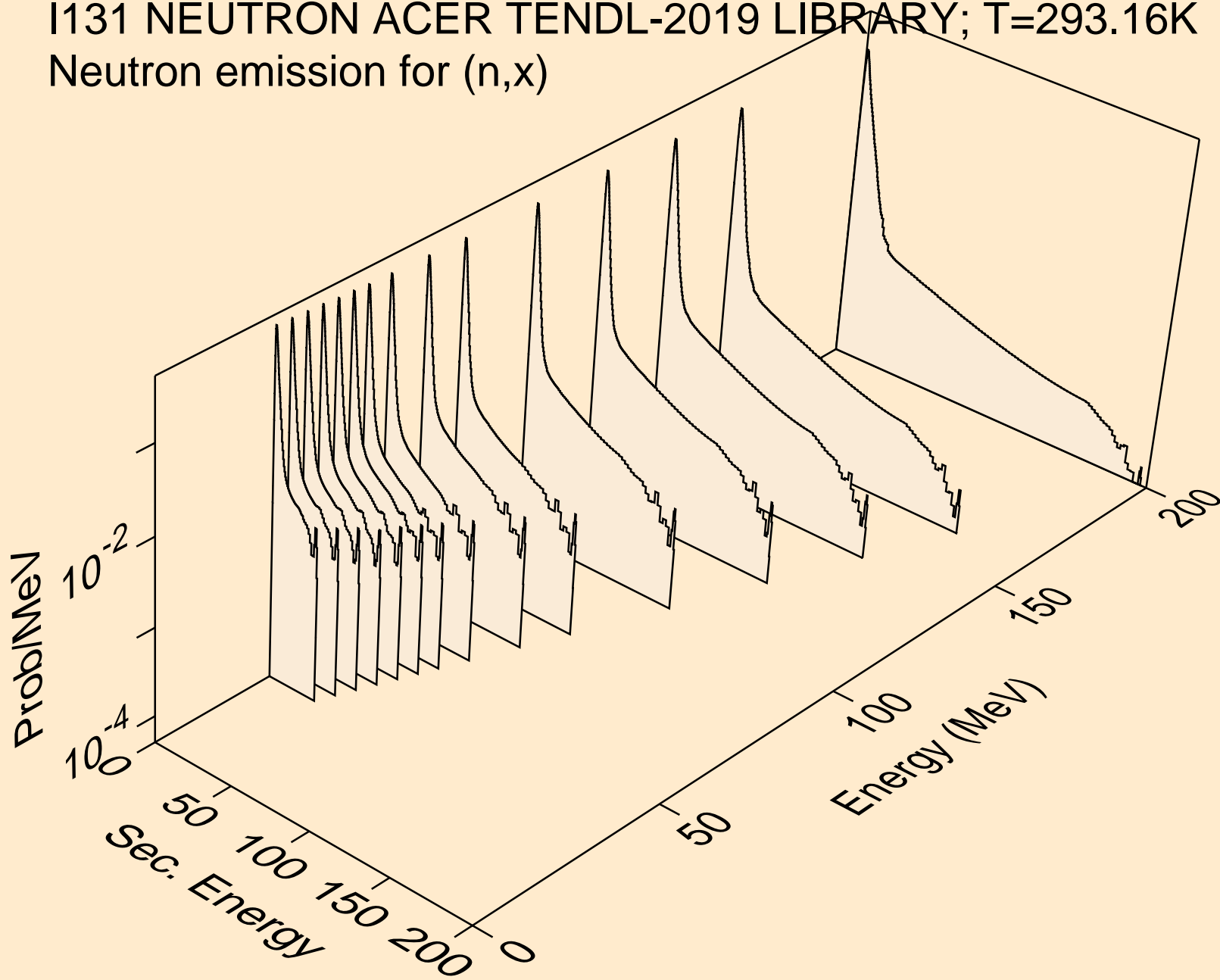
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



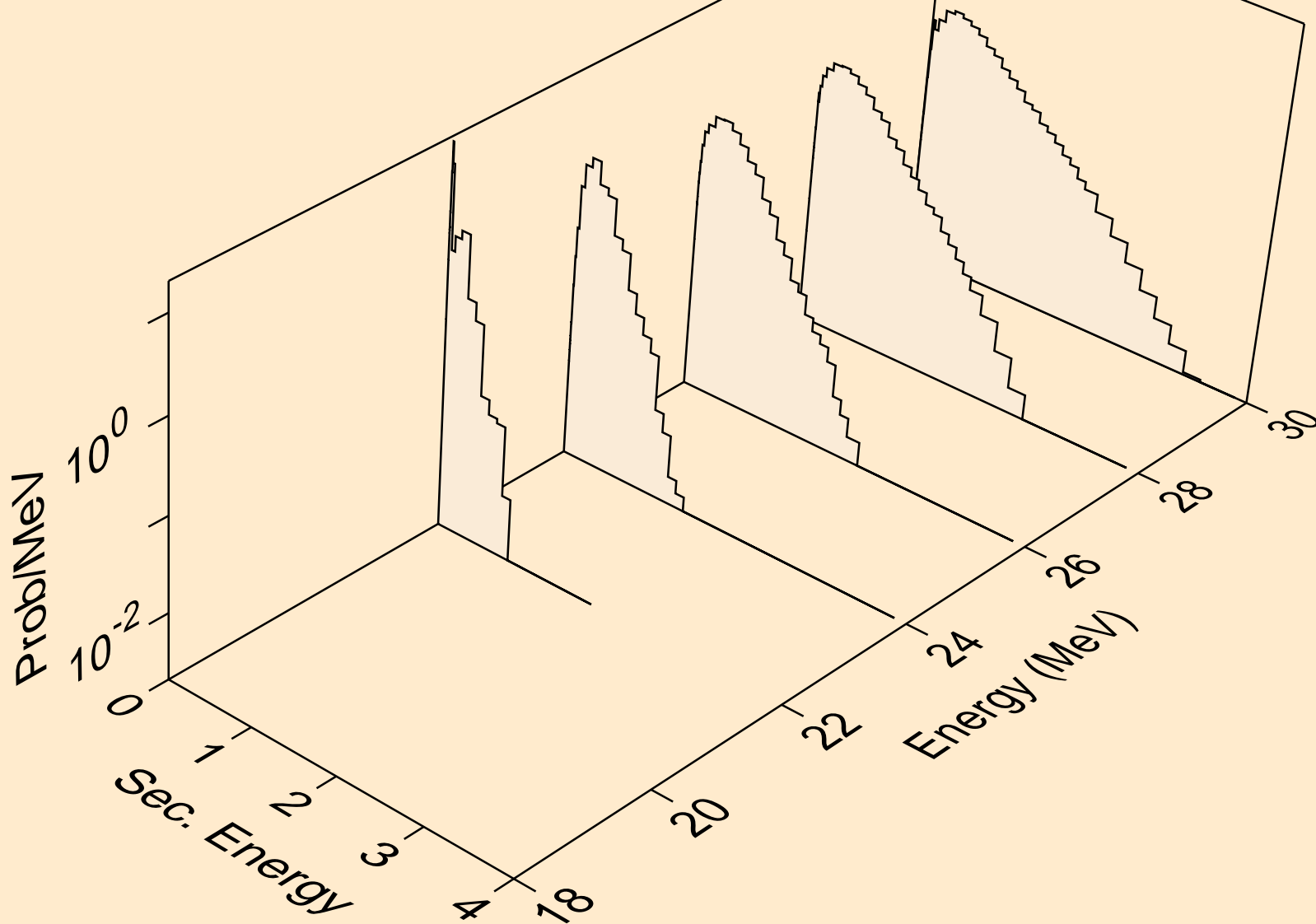
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*30)



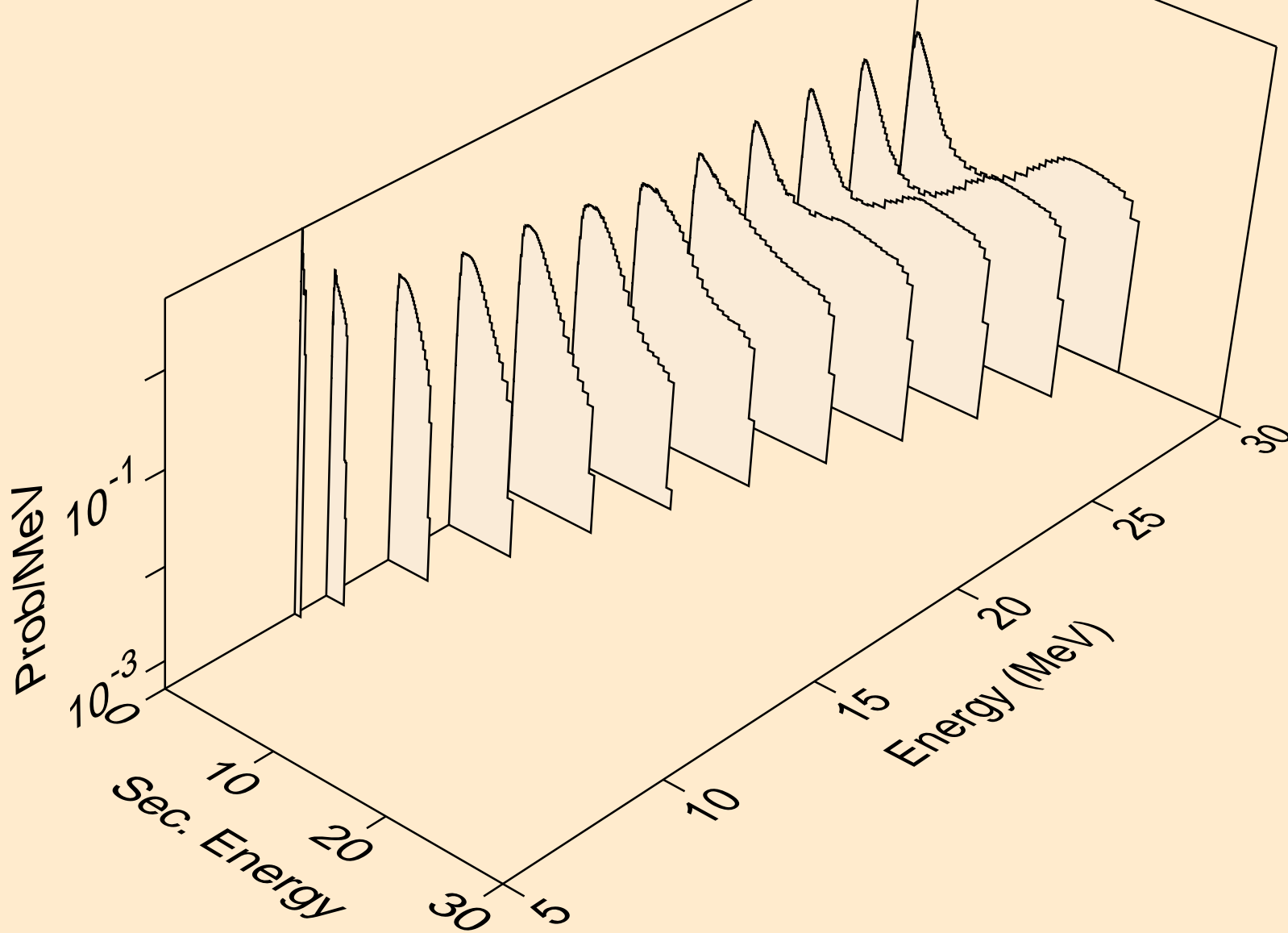
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



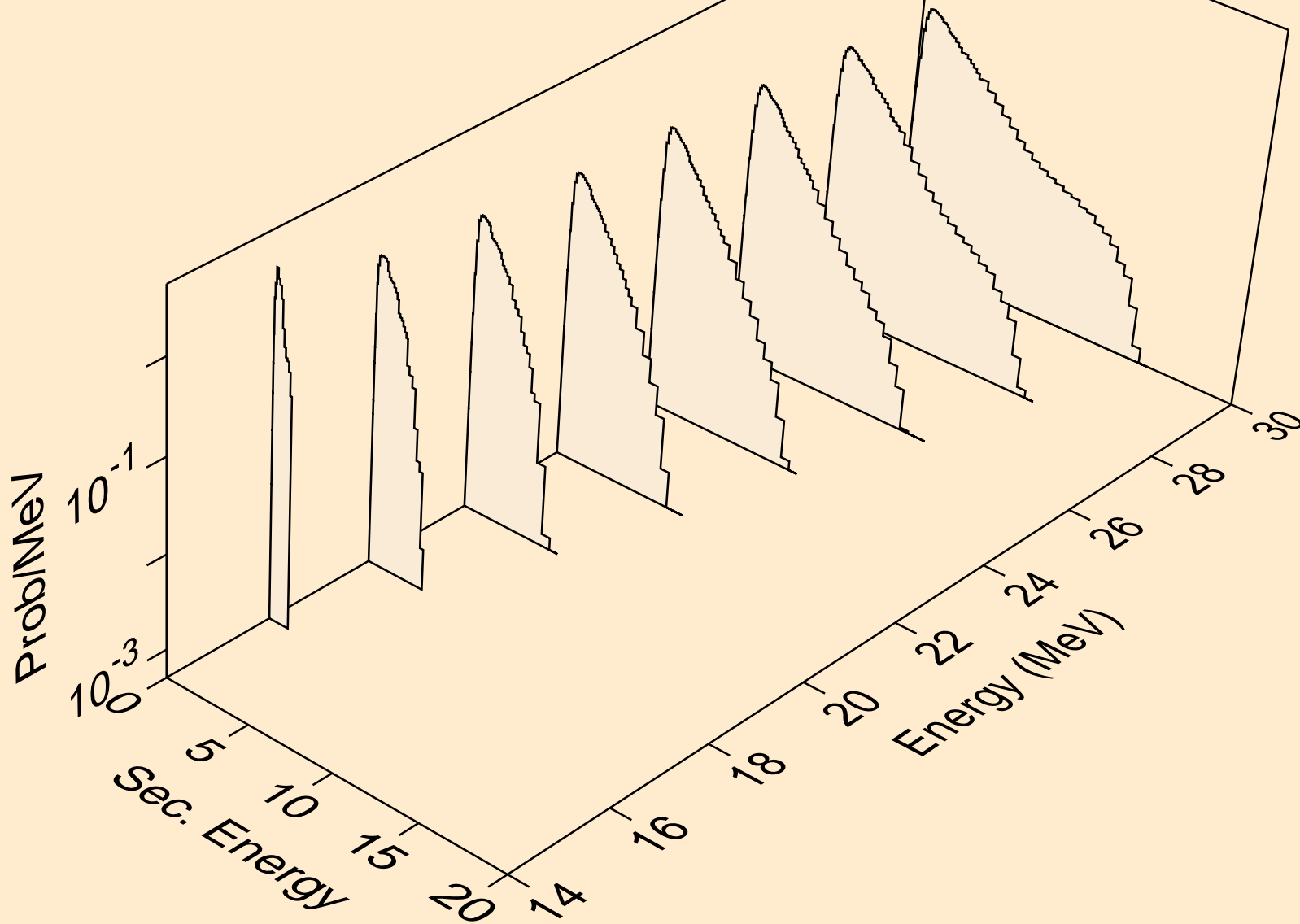
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



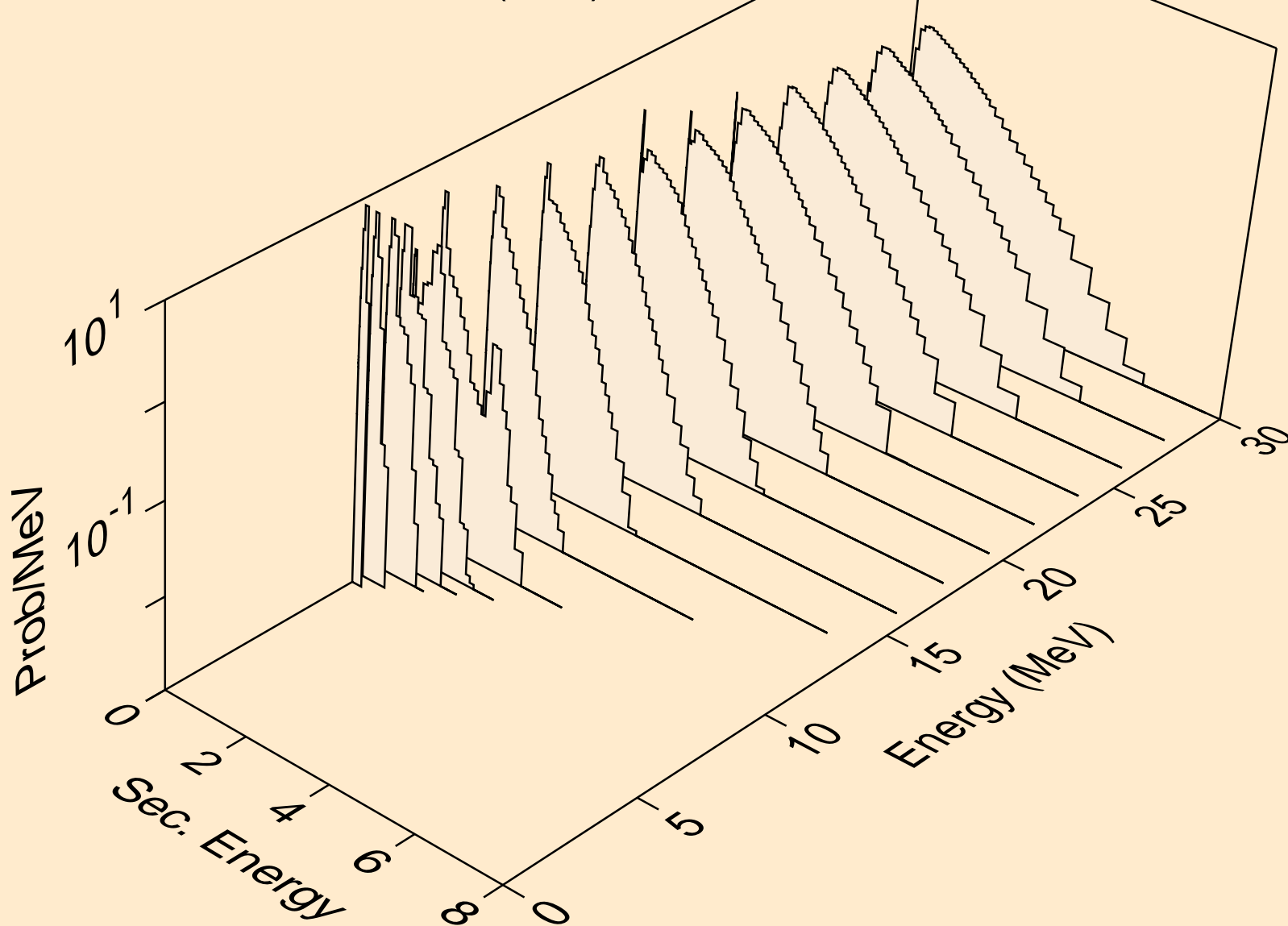
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



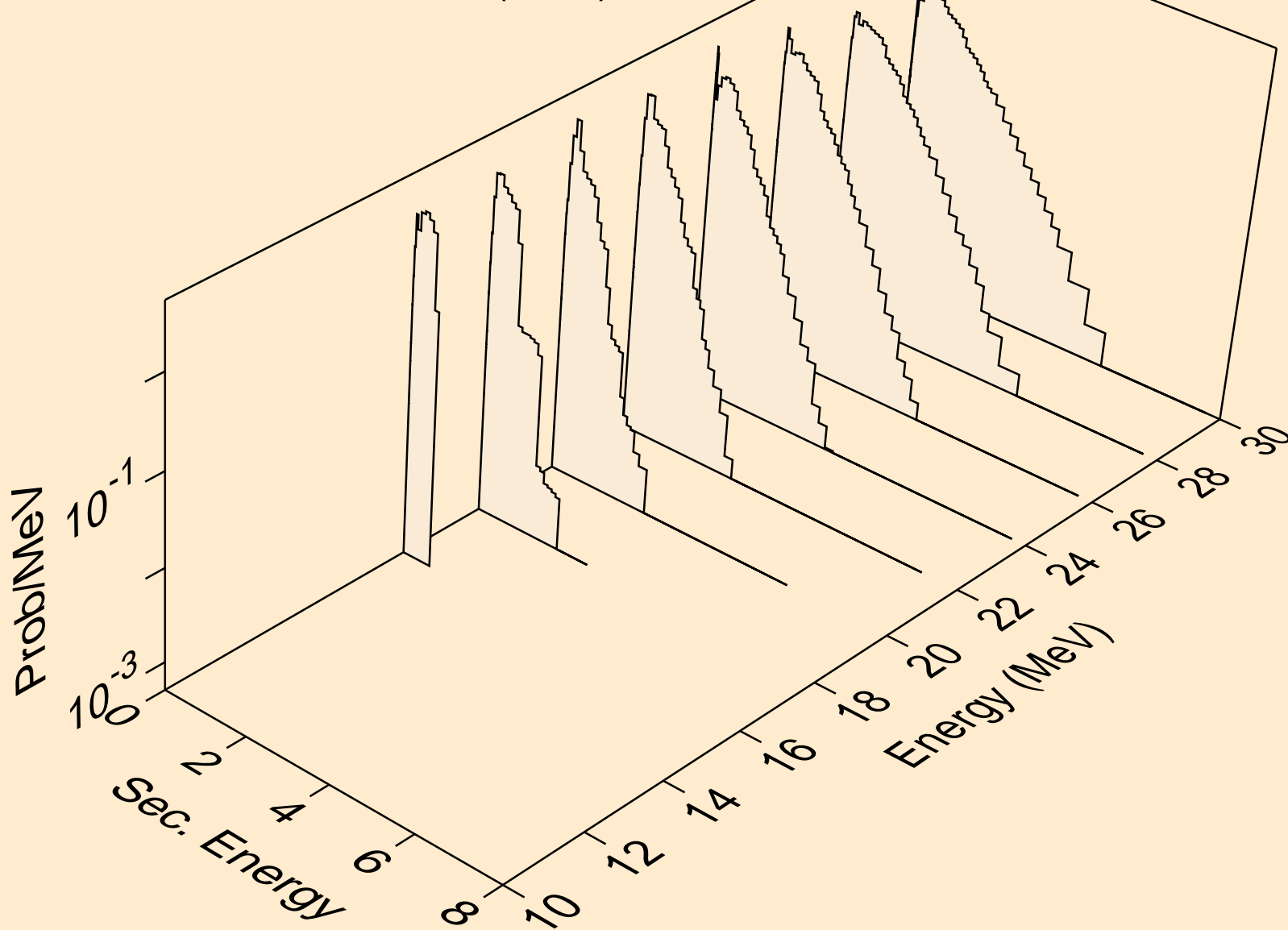
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



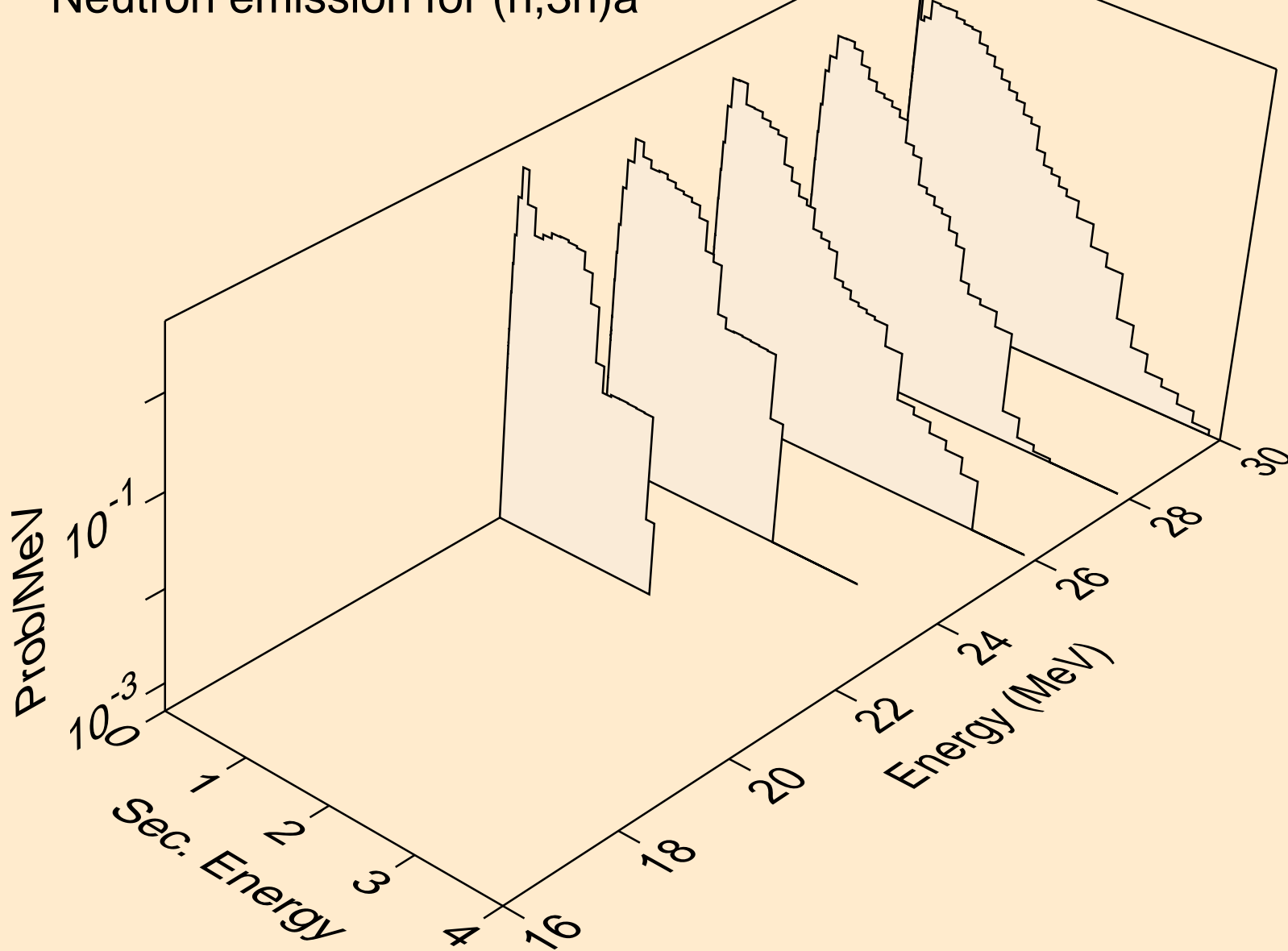
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



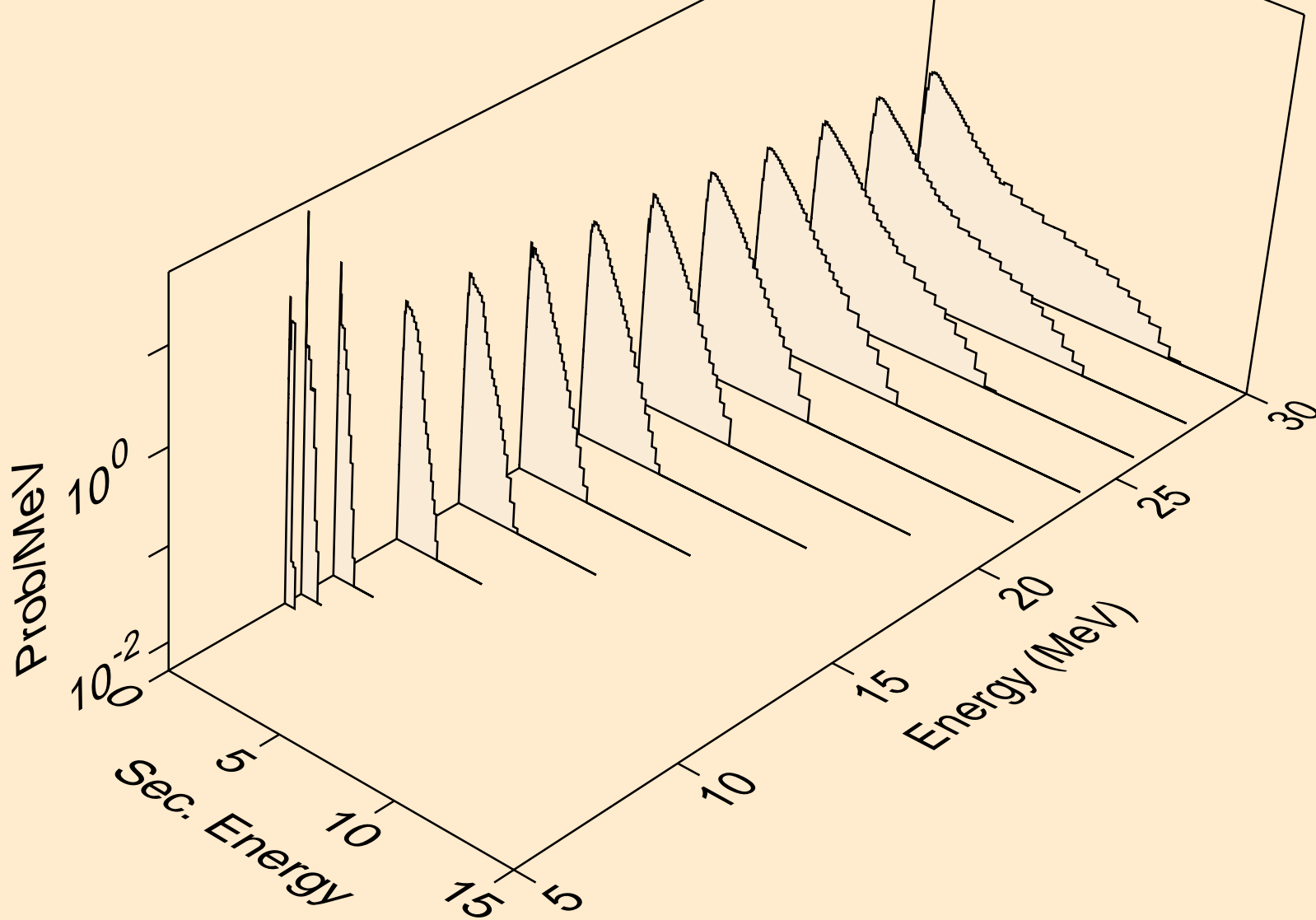
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



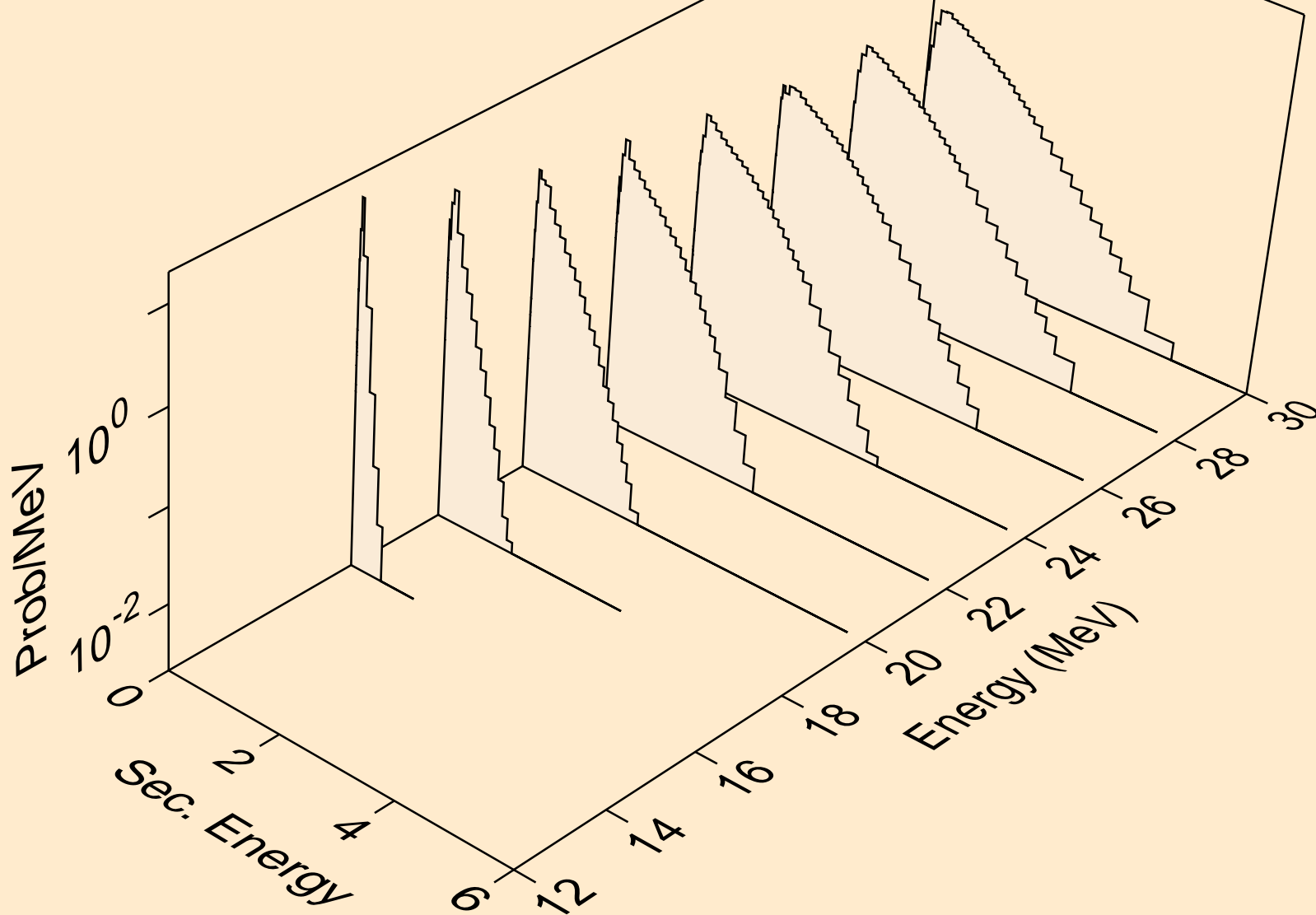
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



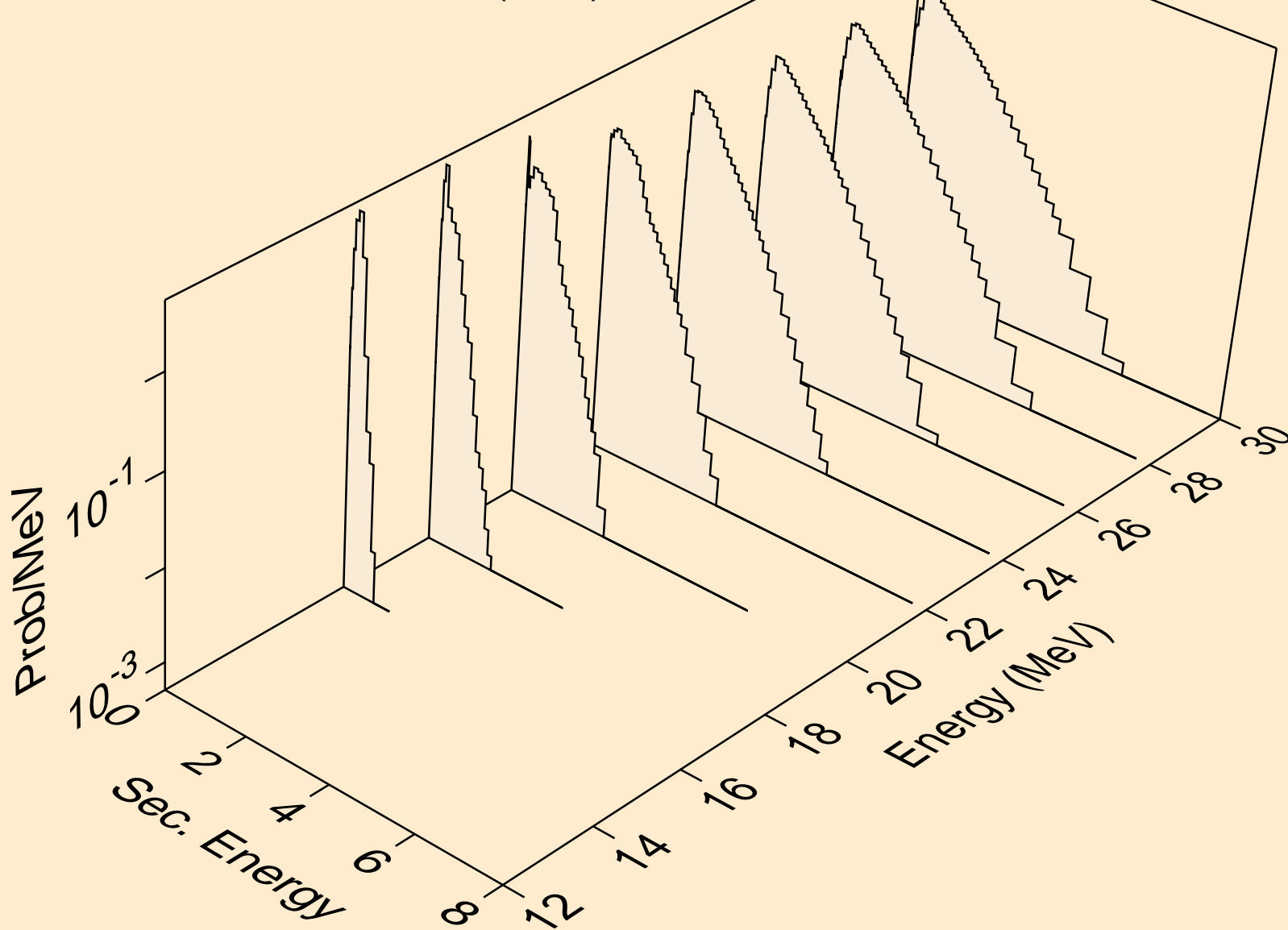
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



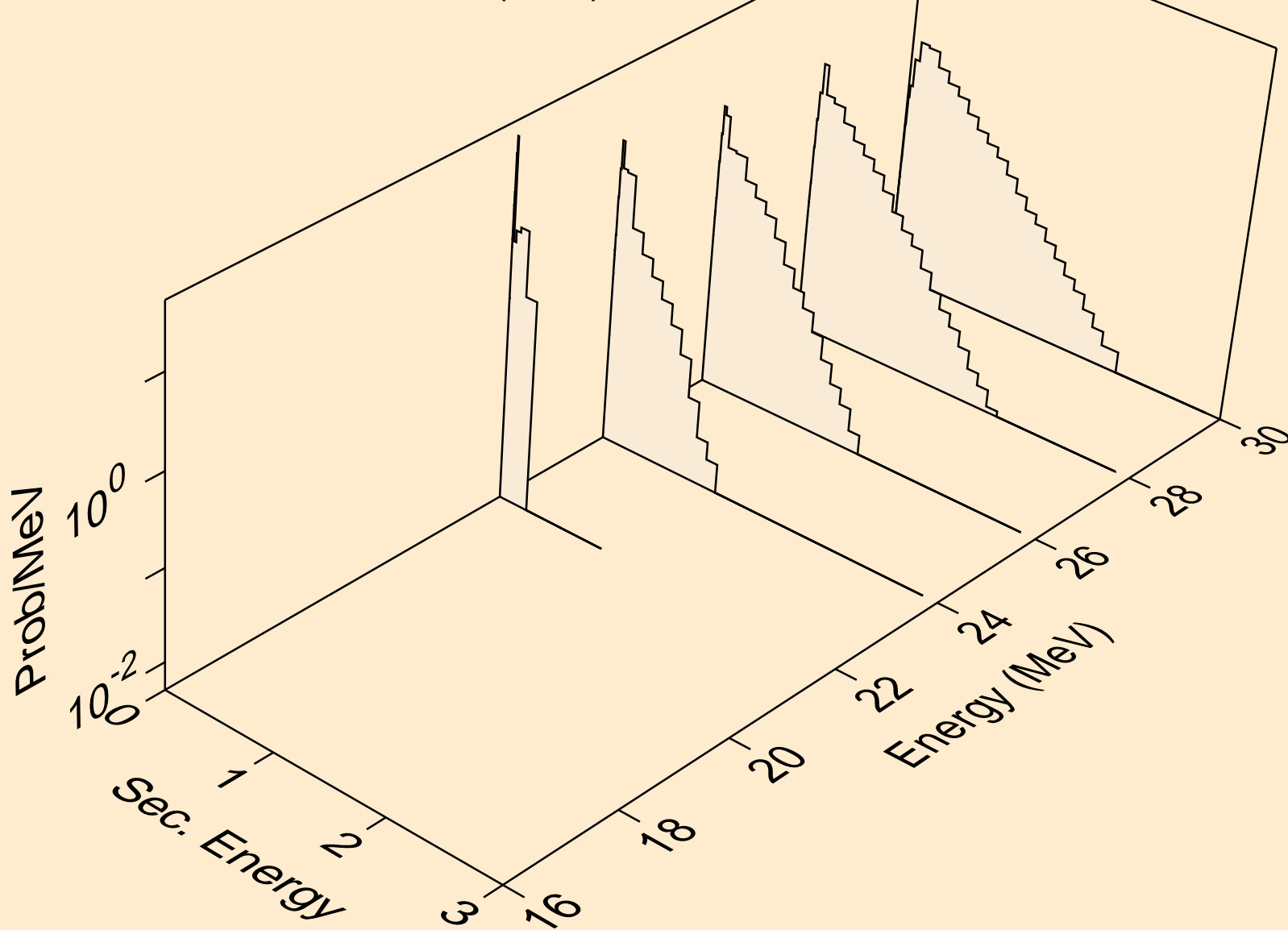
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



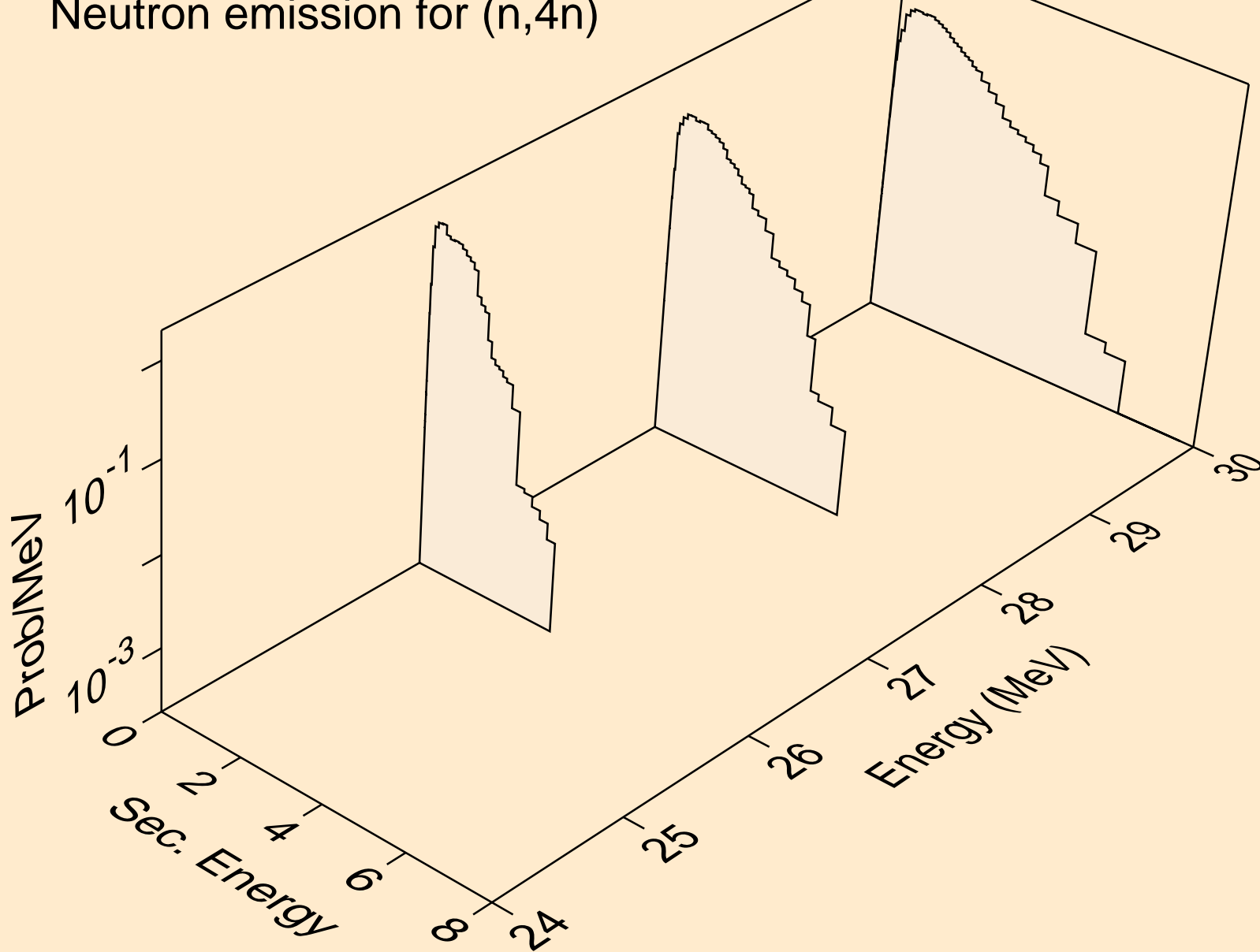
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



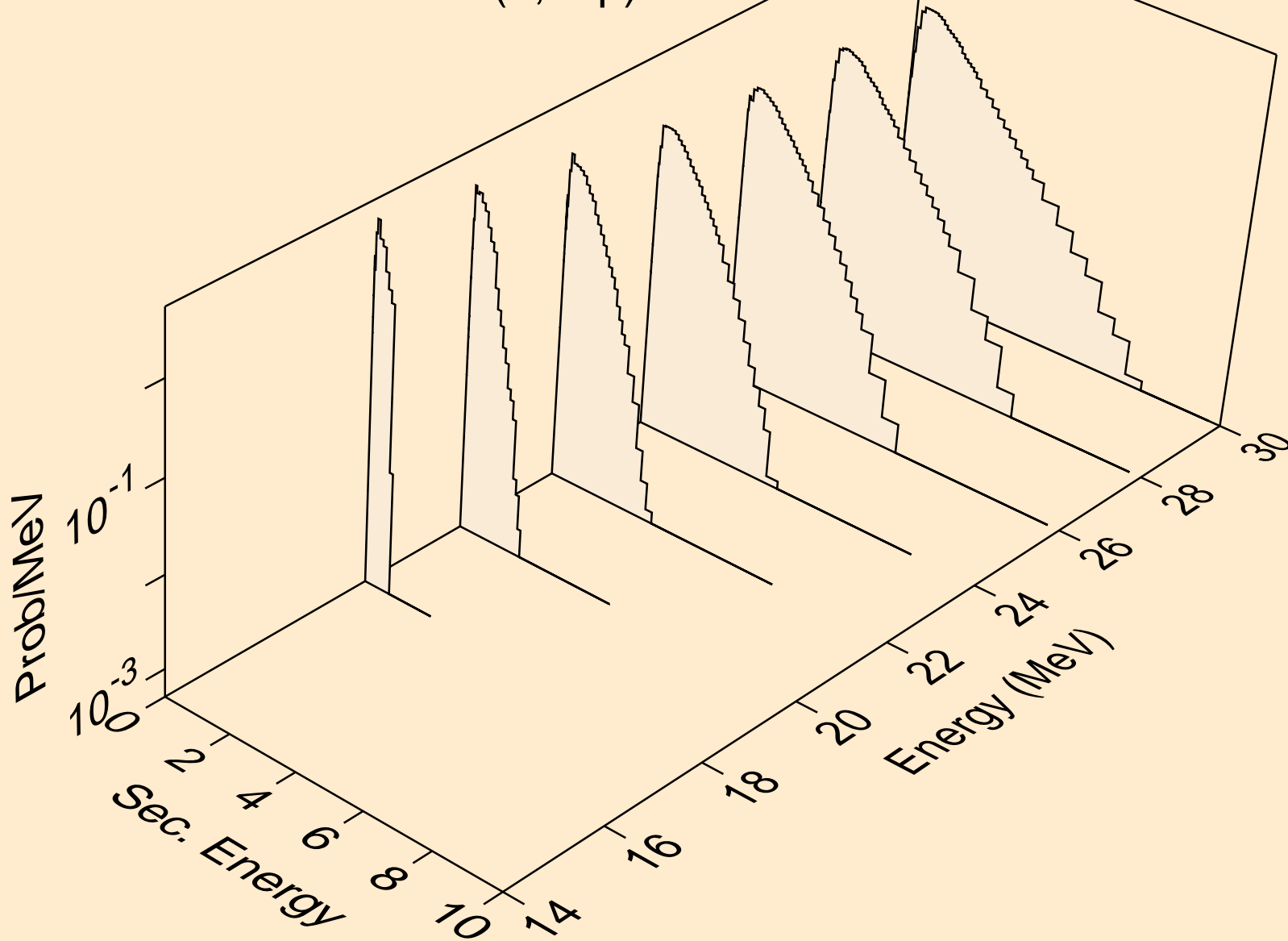
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



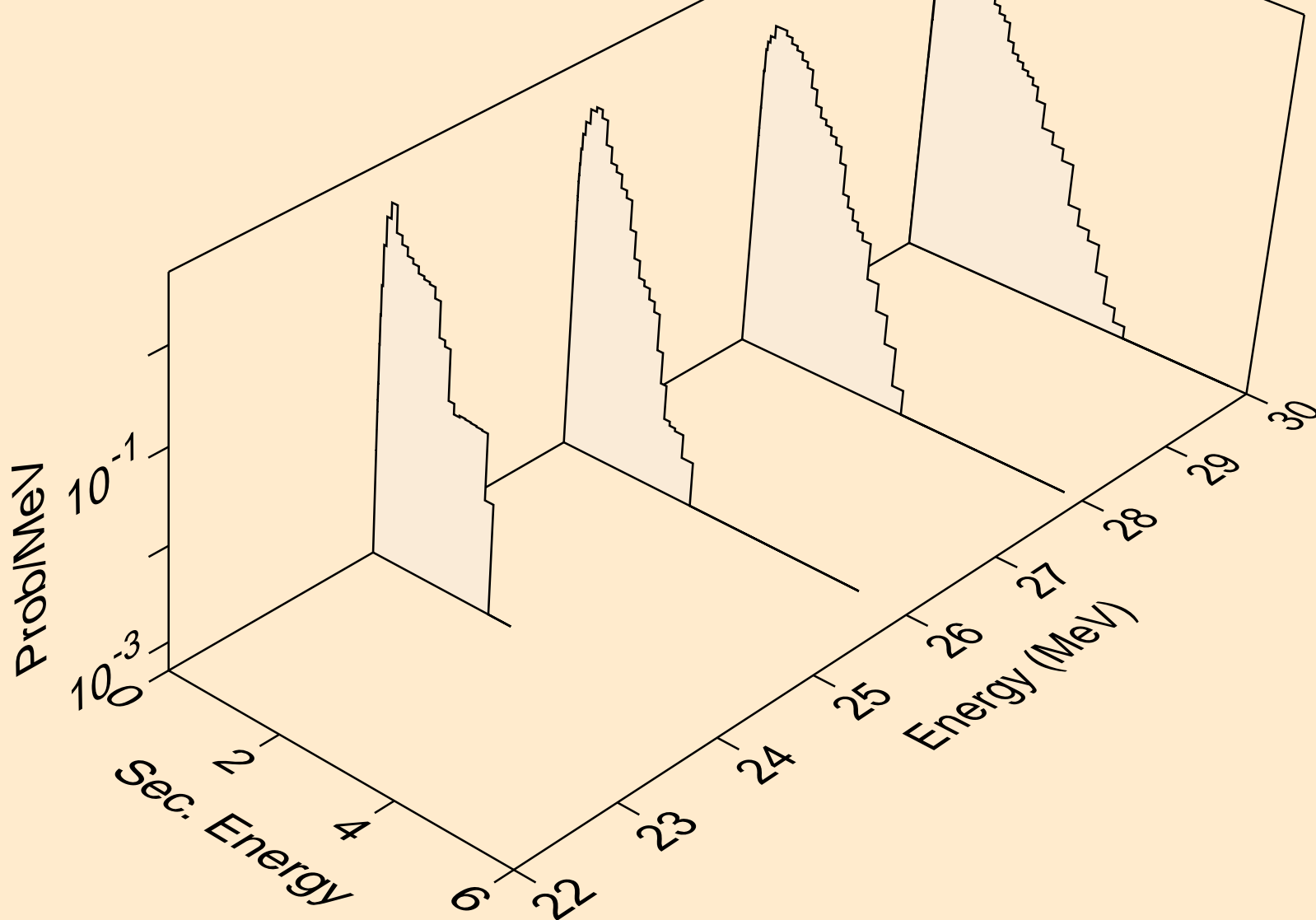
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



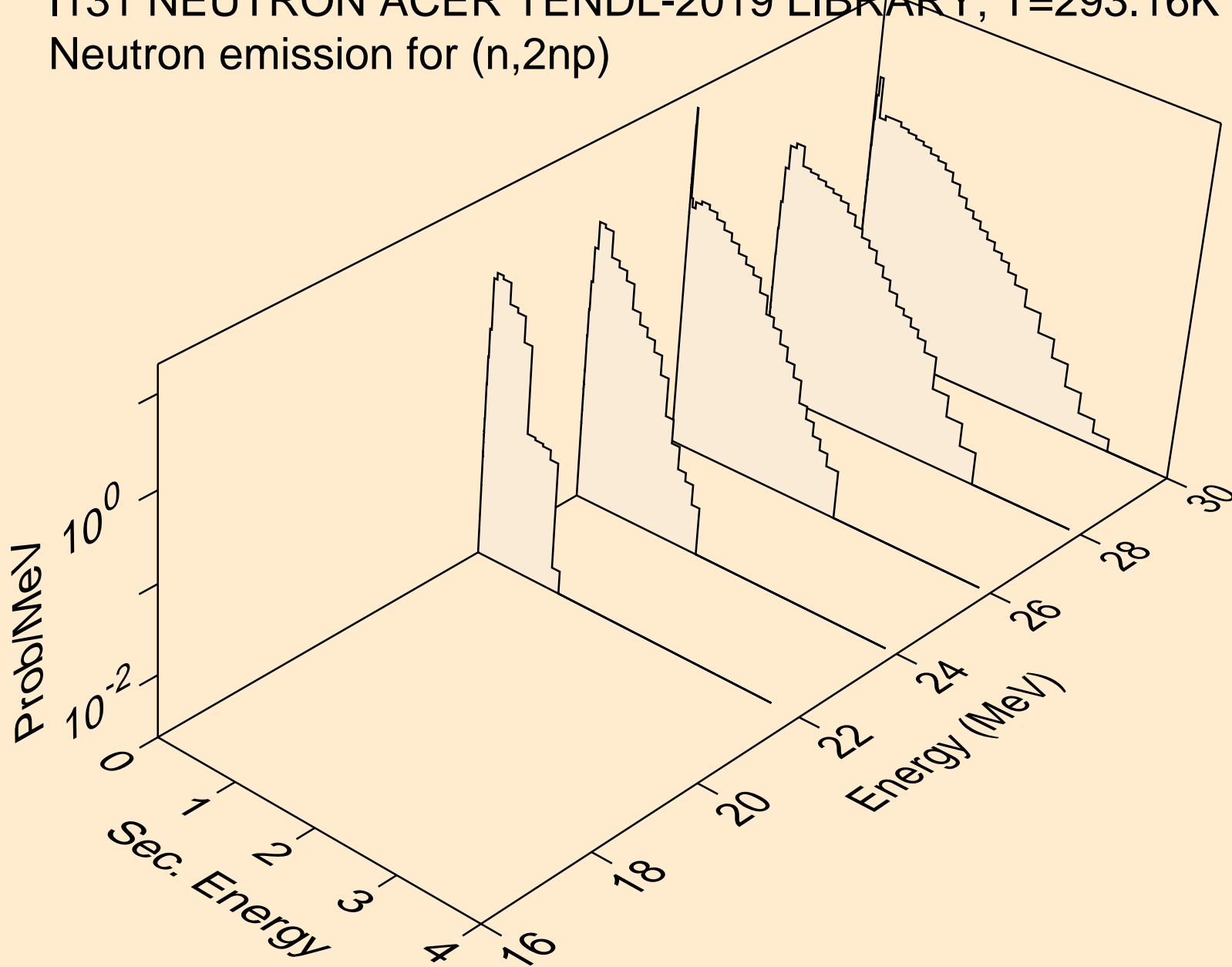
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



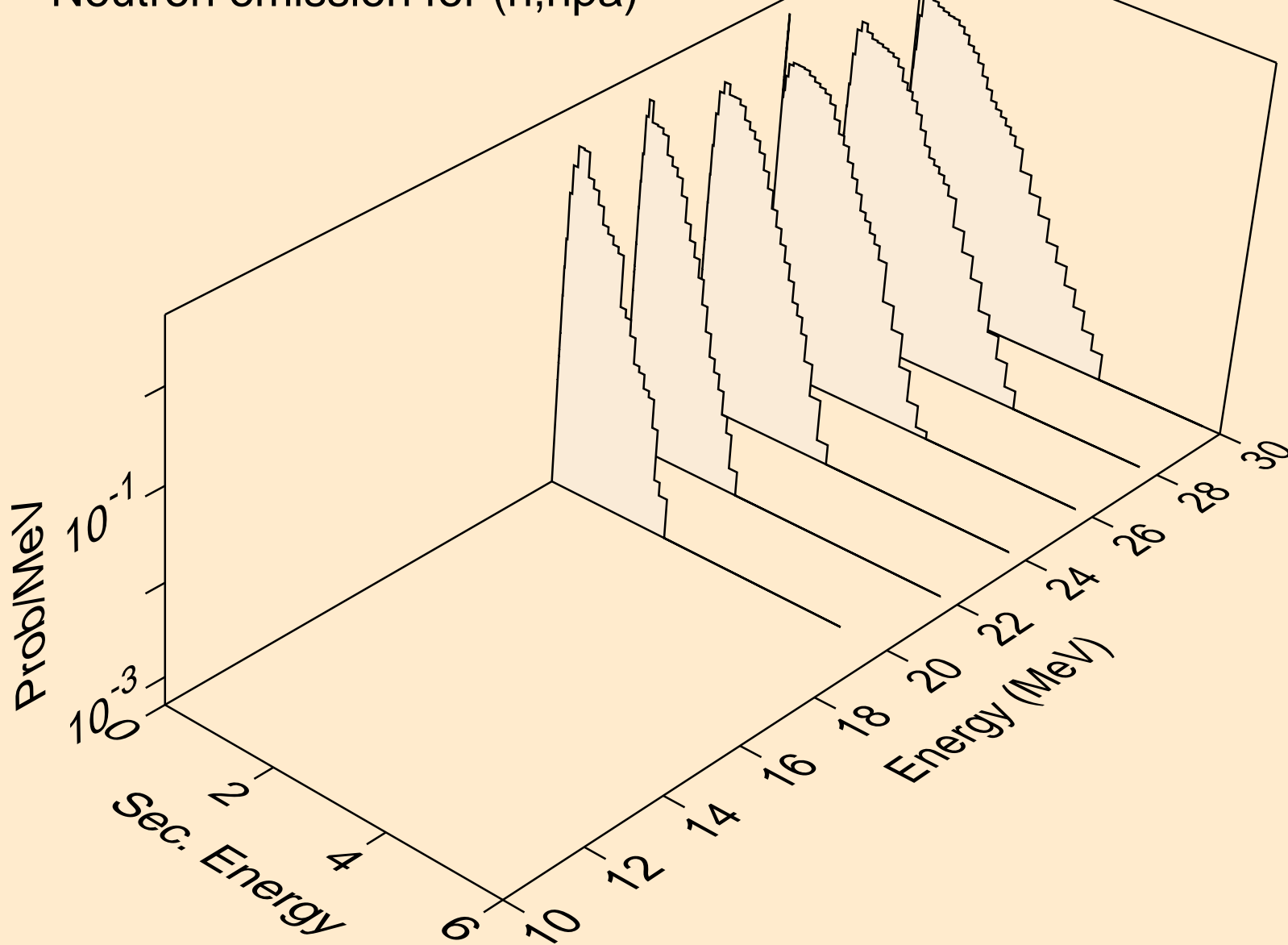
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



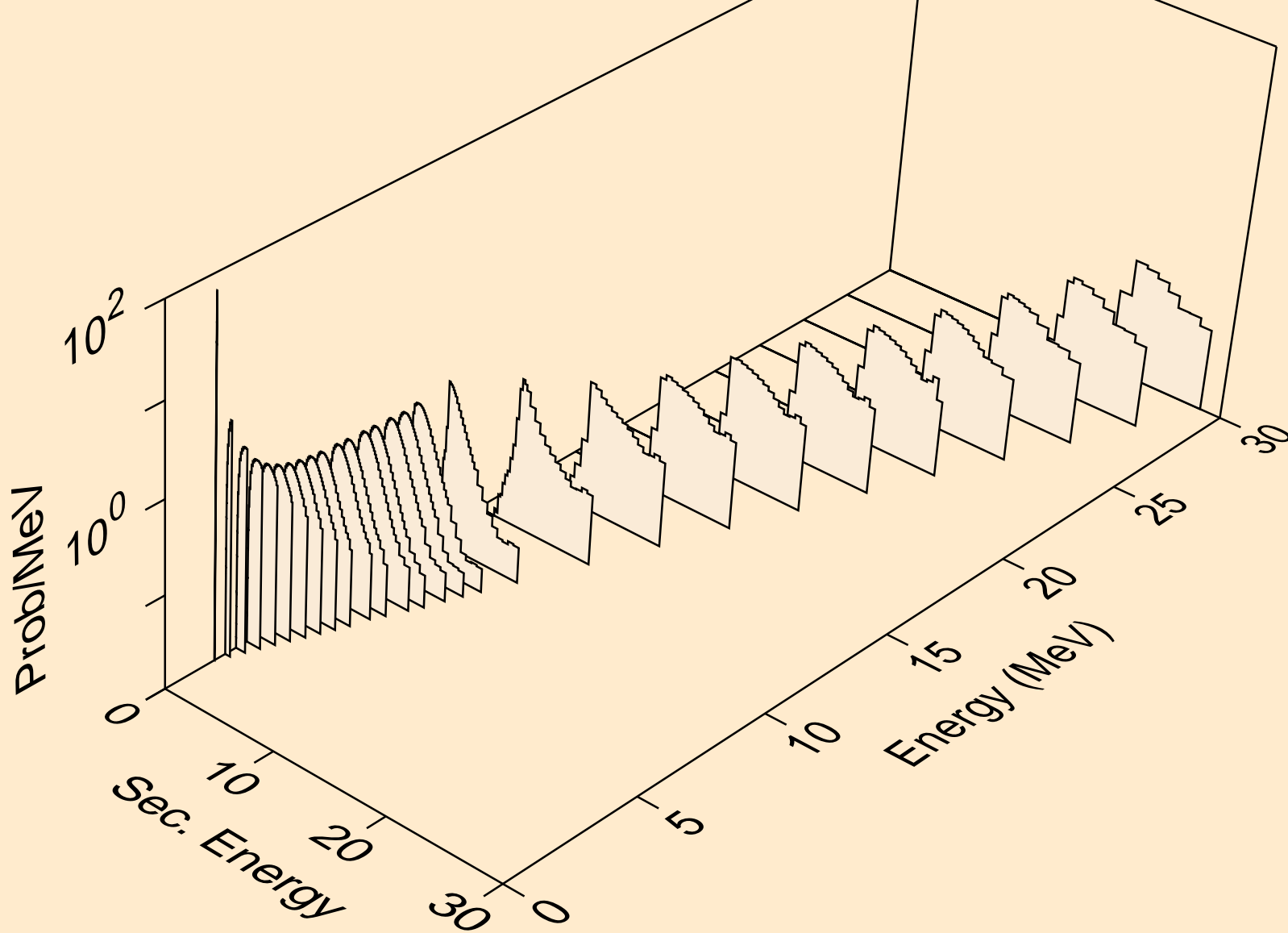
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



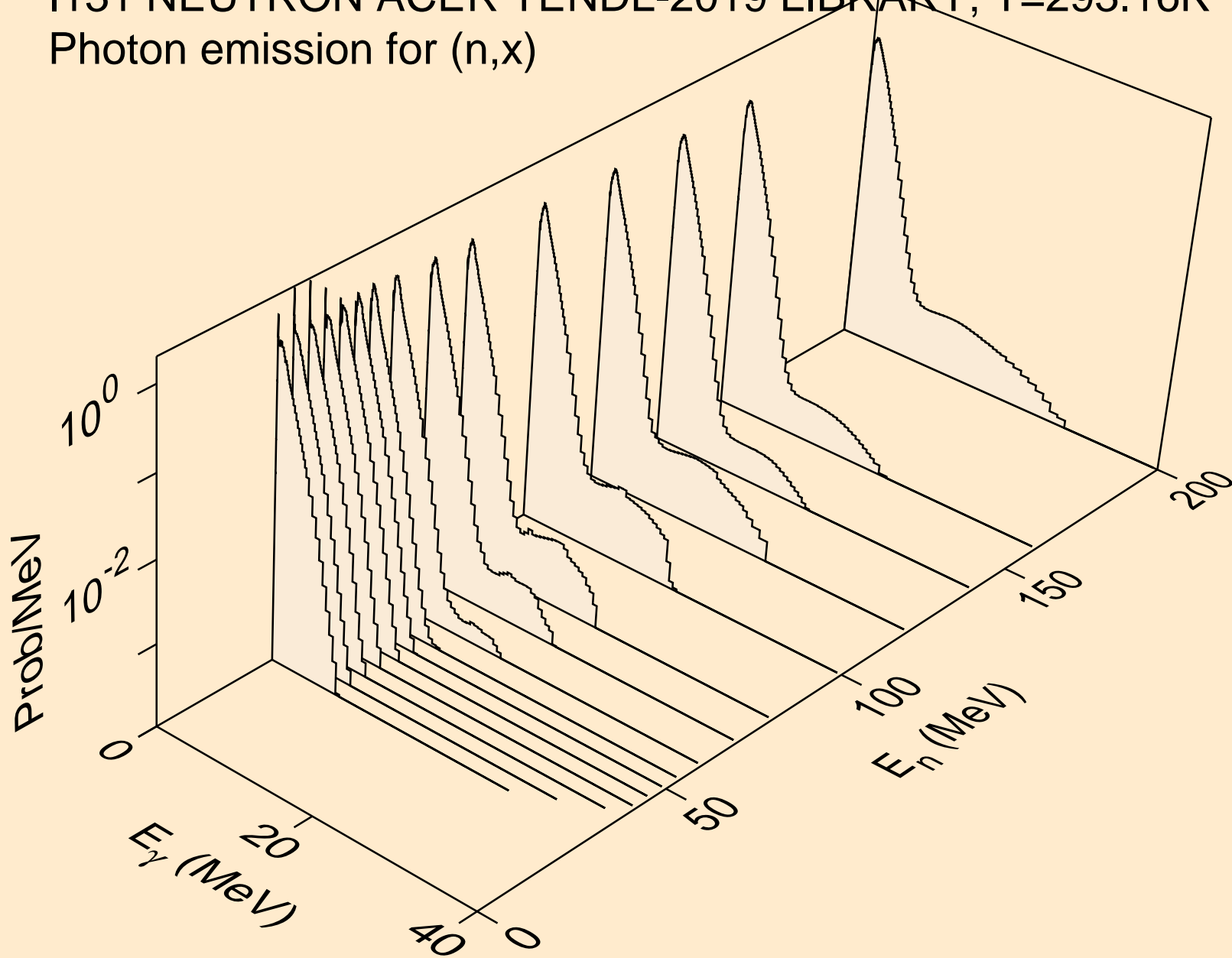
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



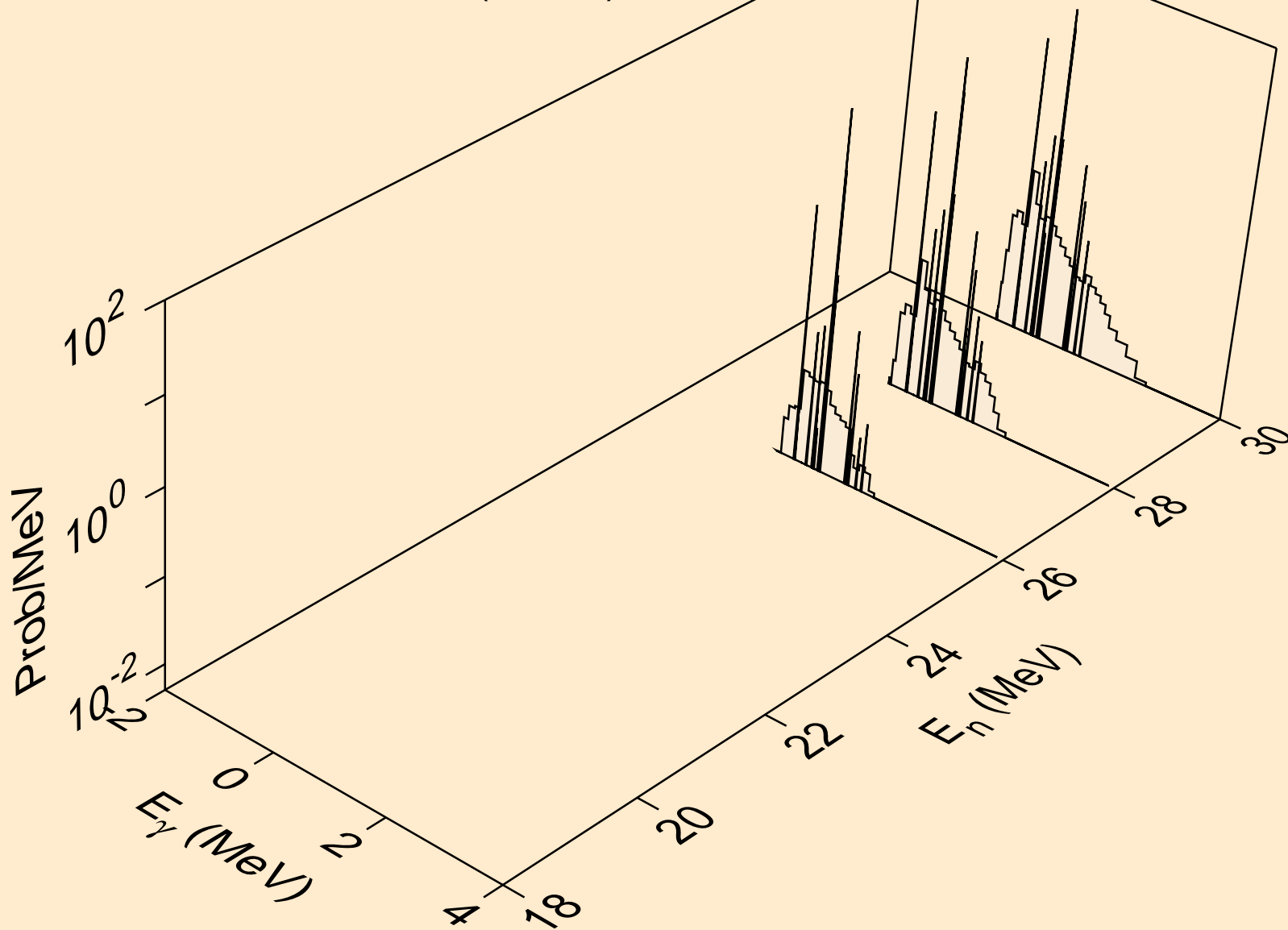
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



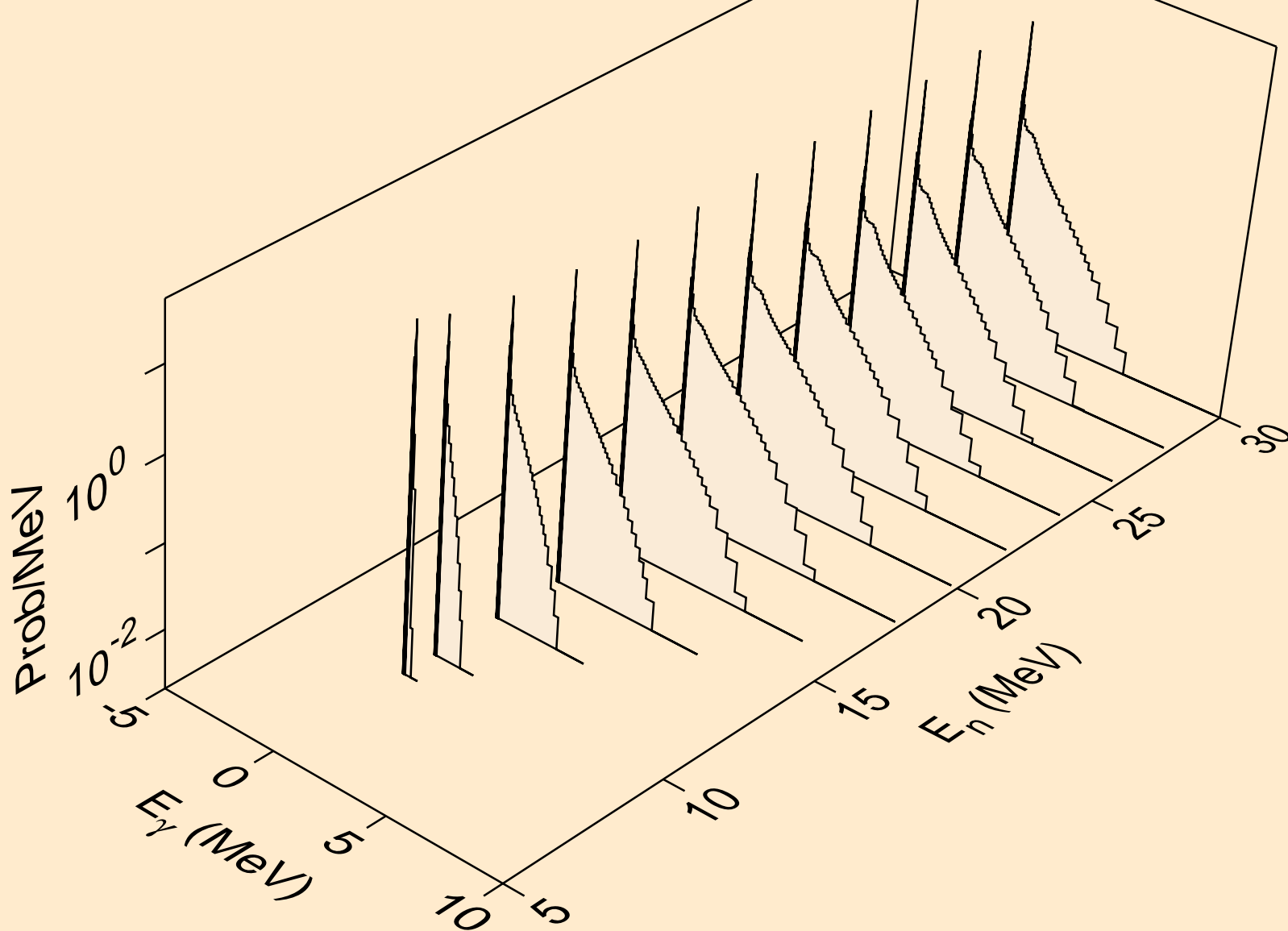
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



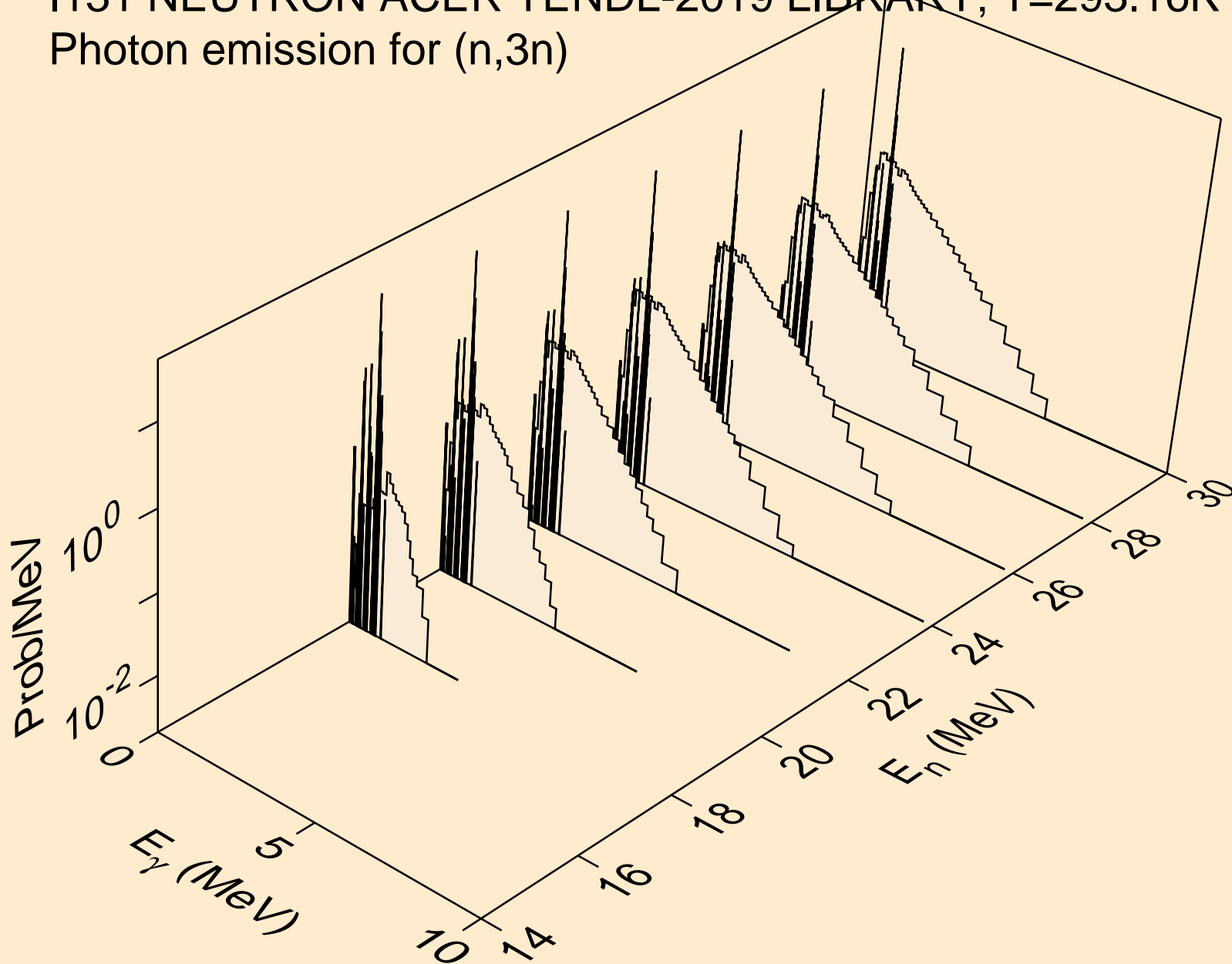
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



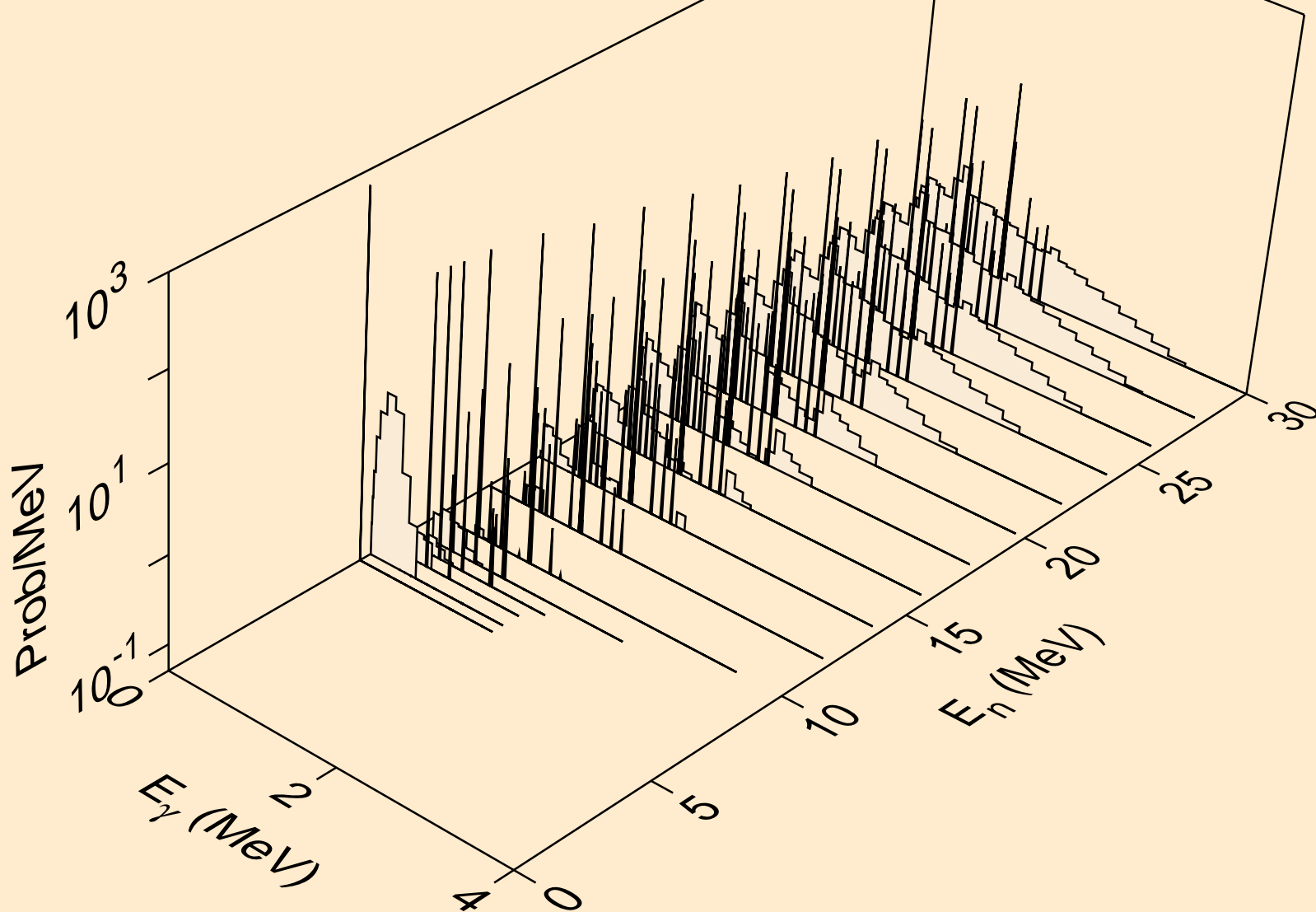
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



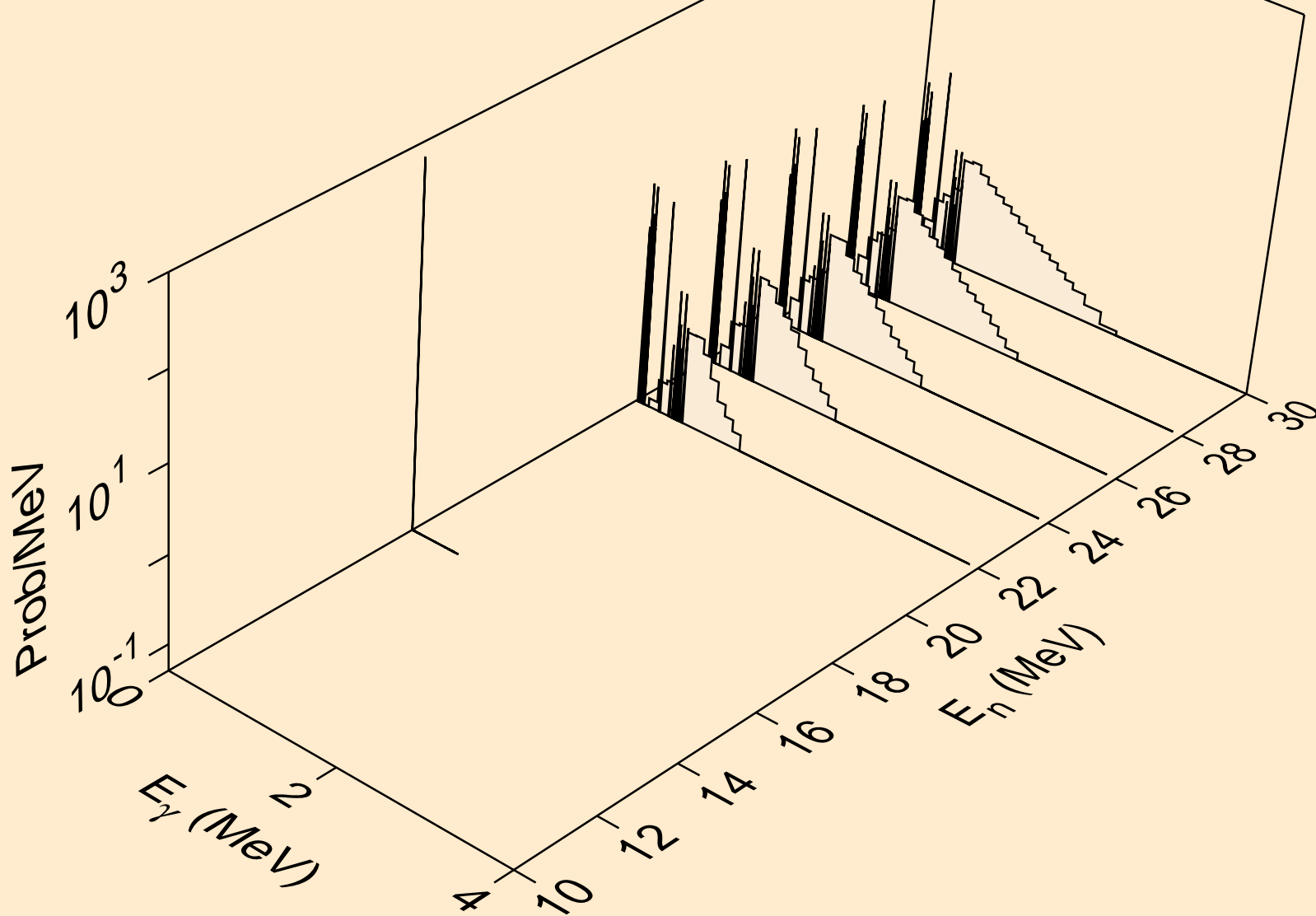
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



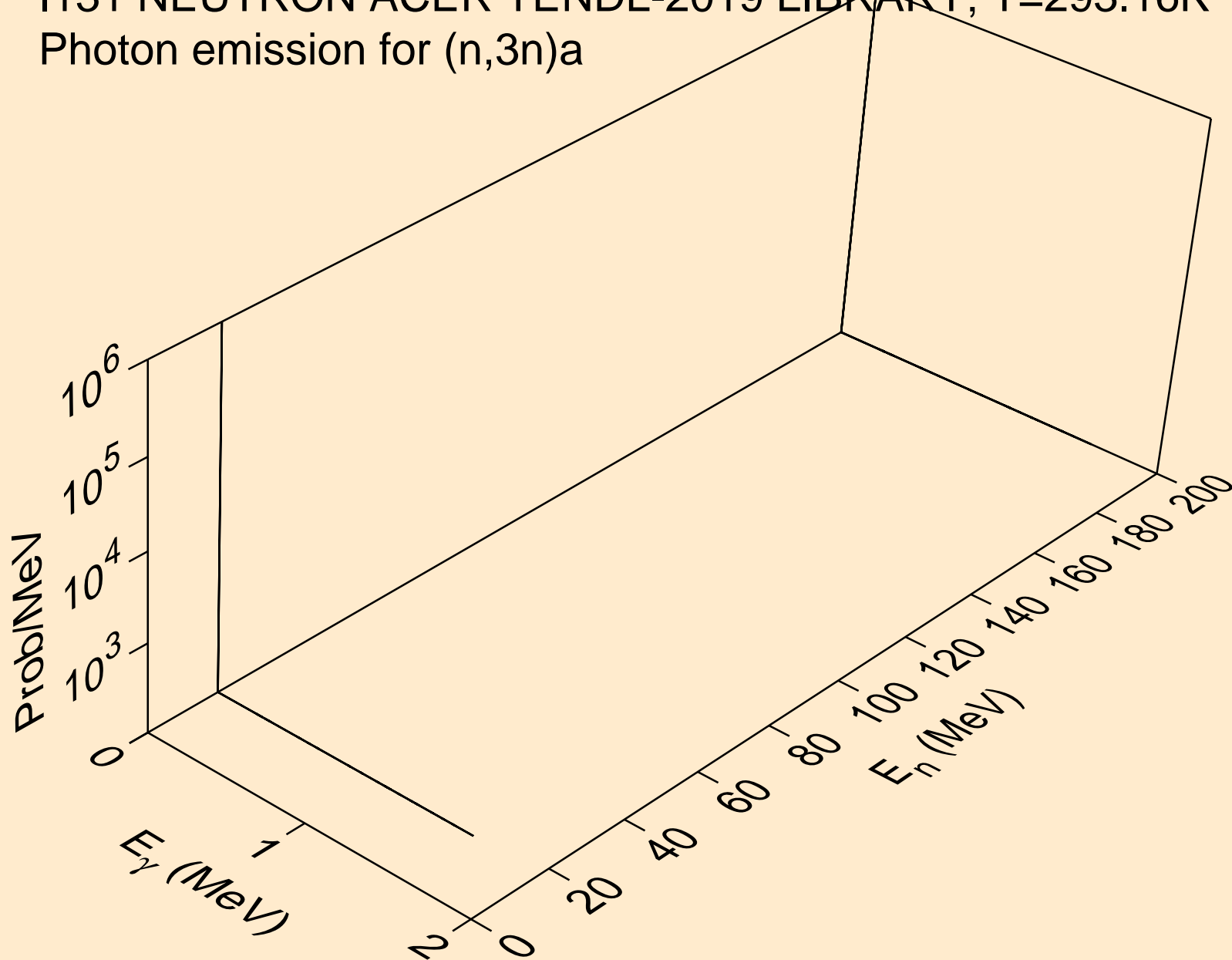
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



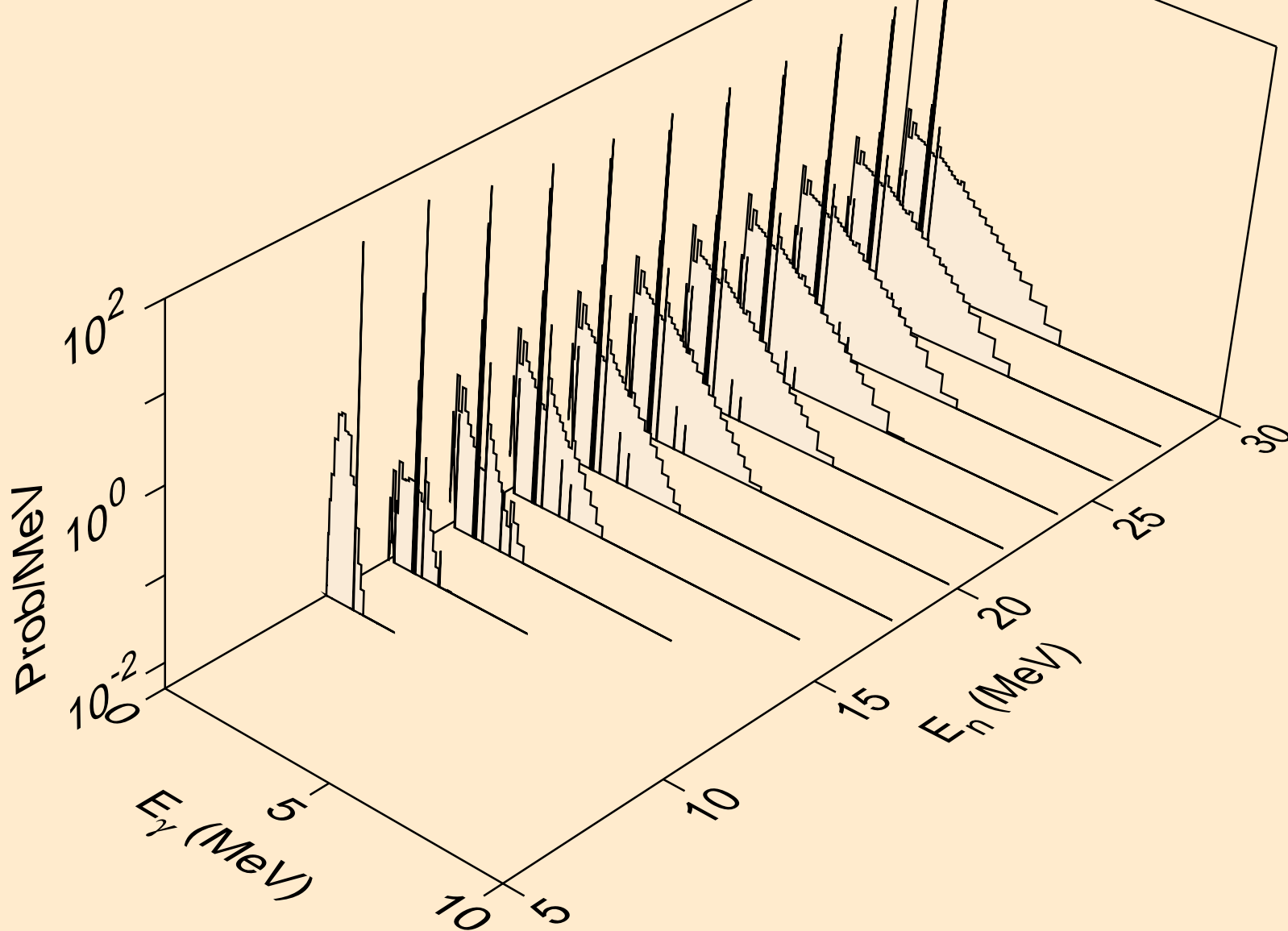
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



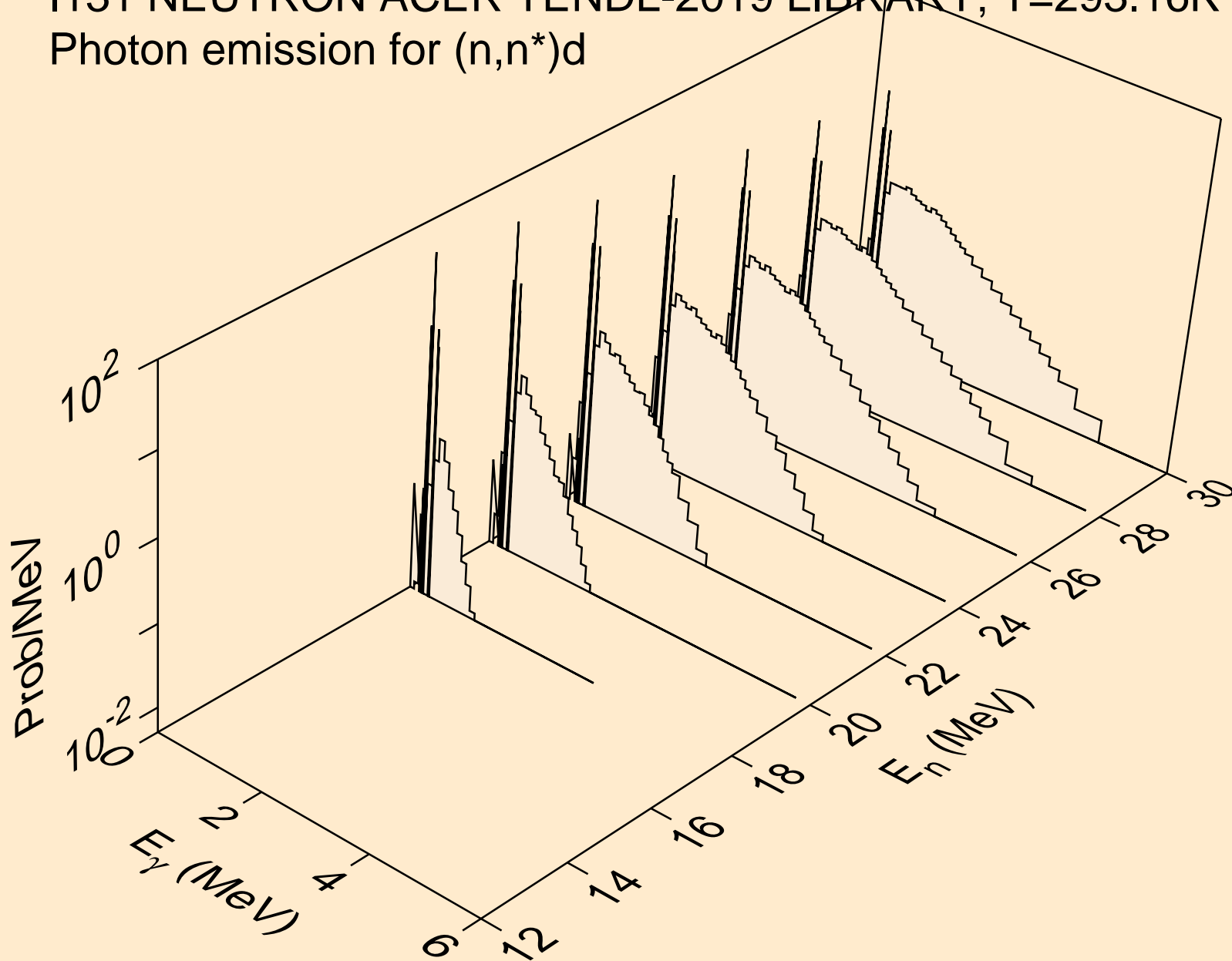
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



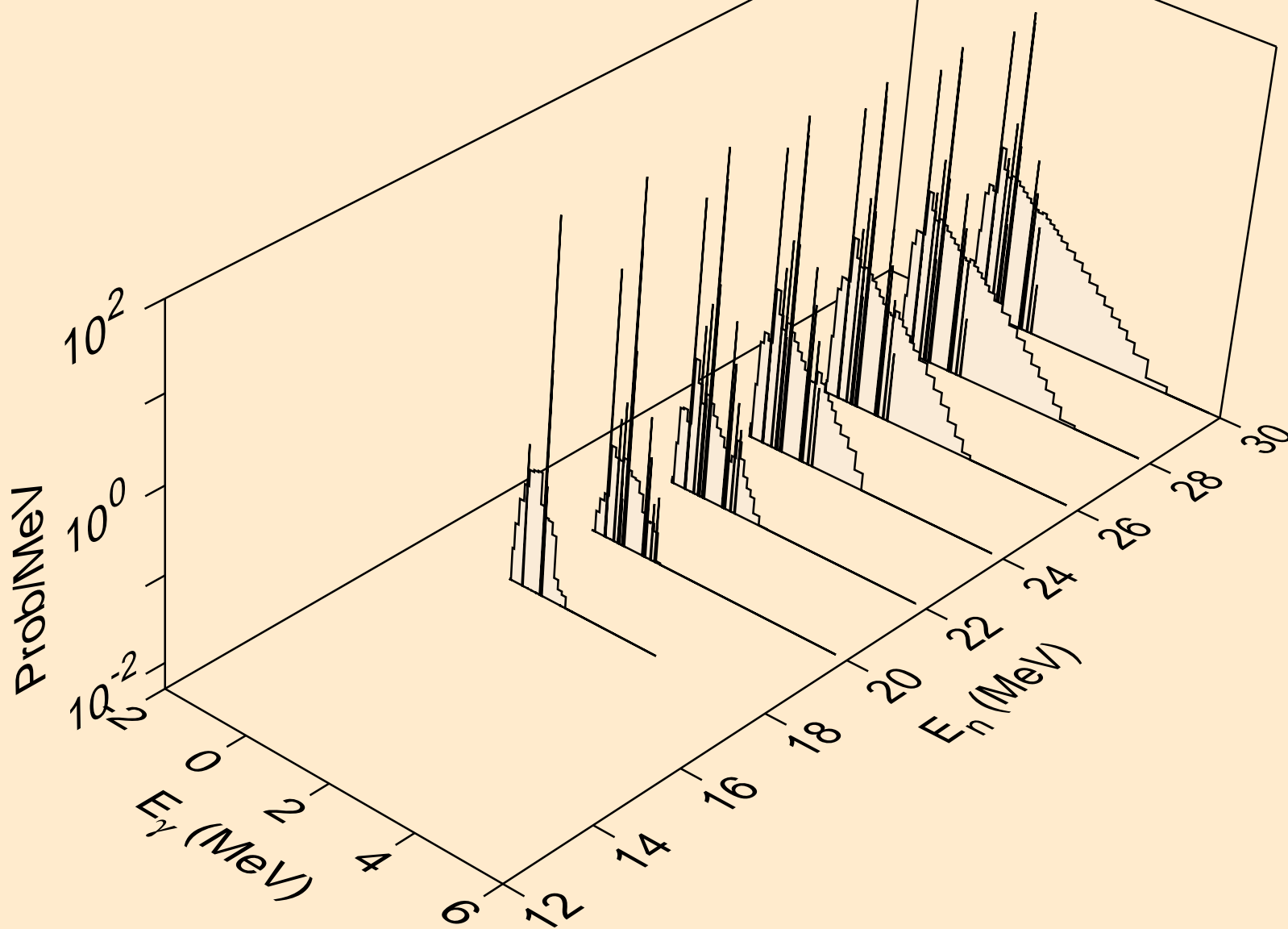
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



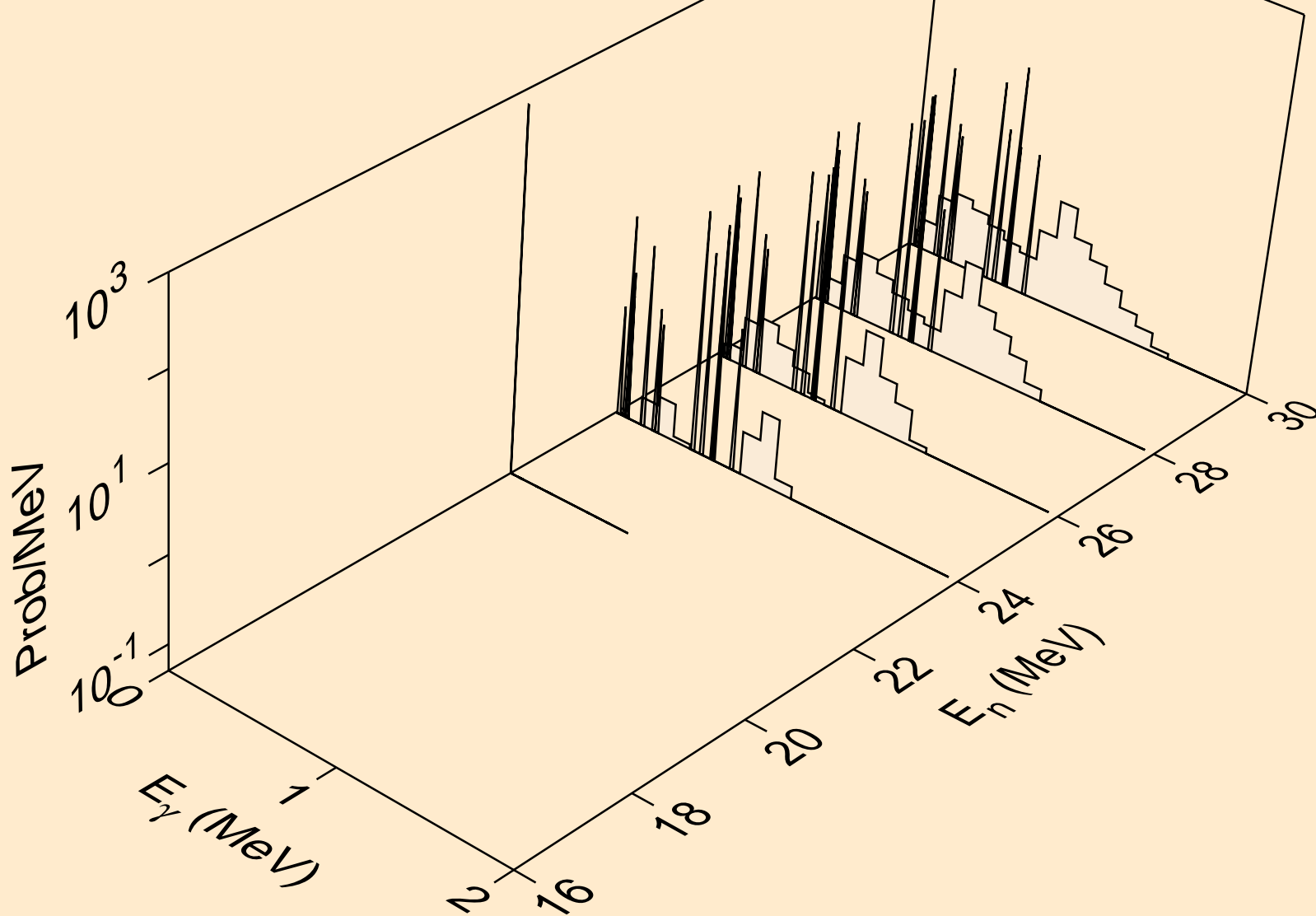
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



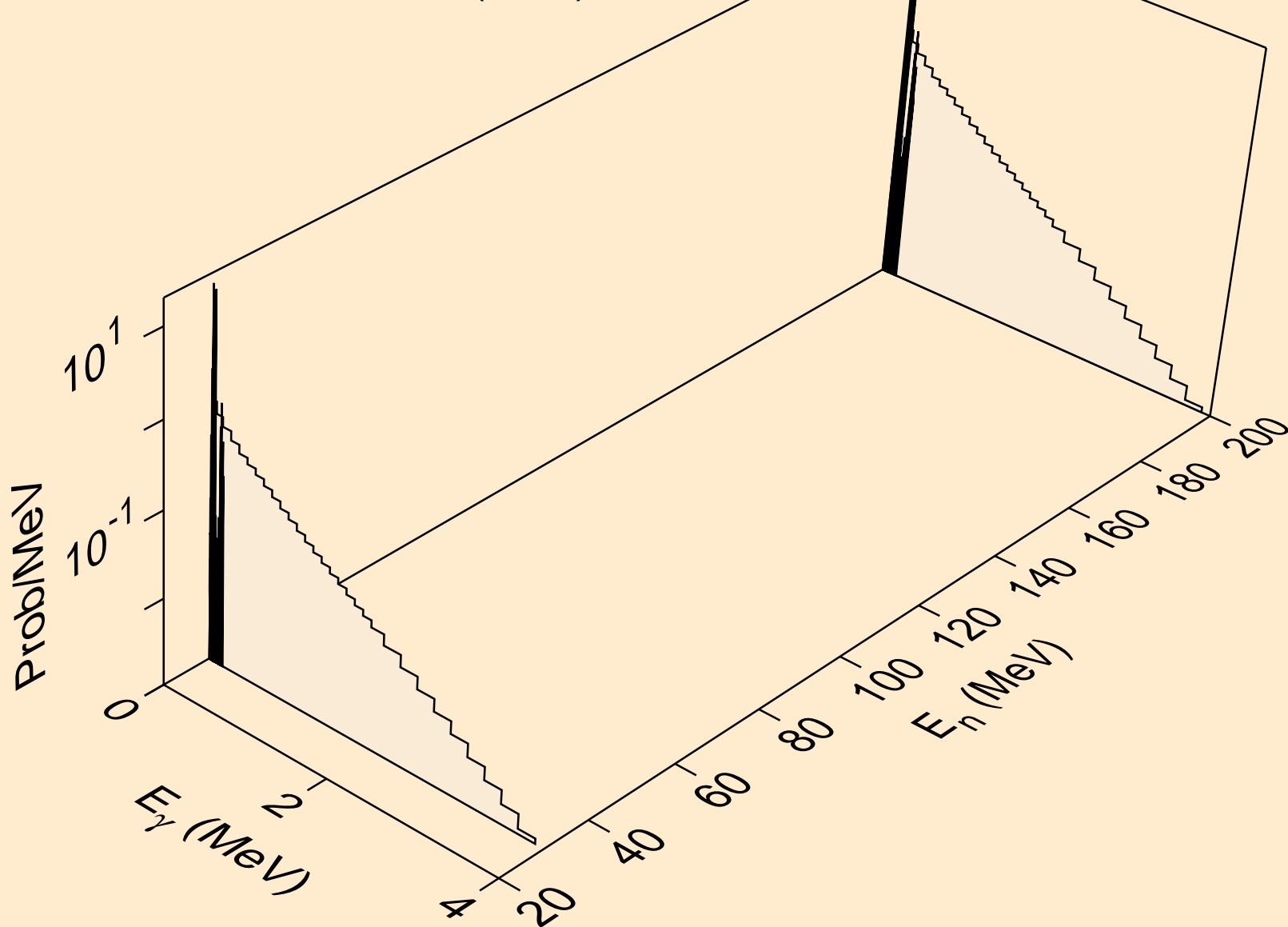
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



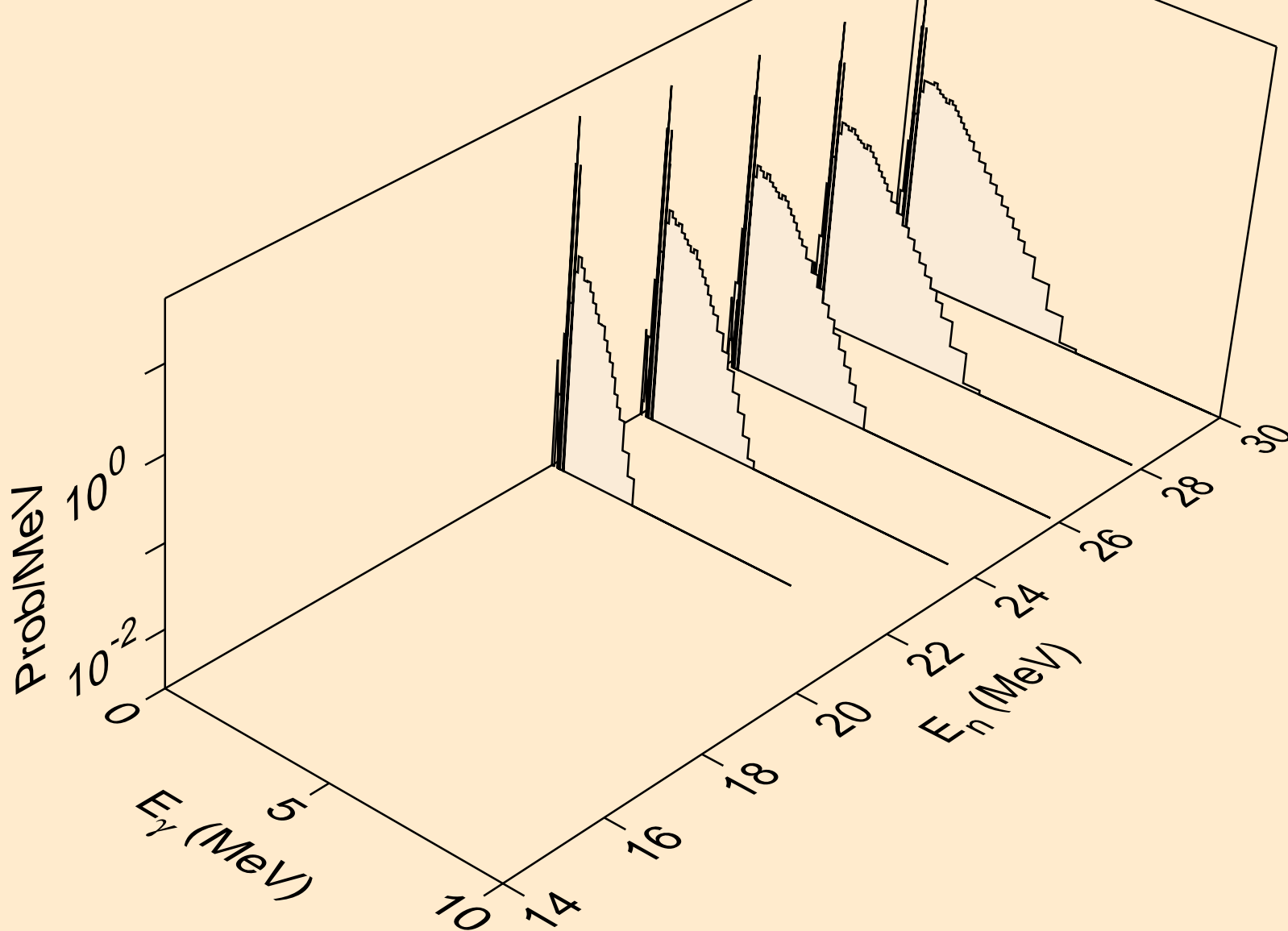
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



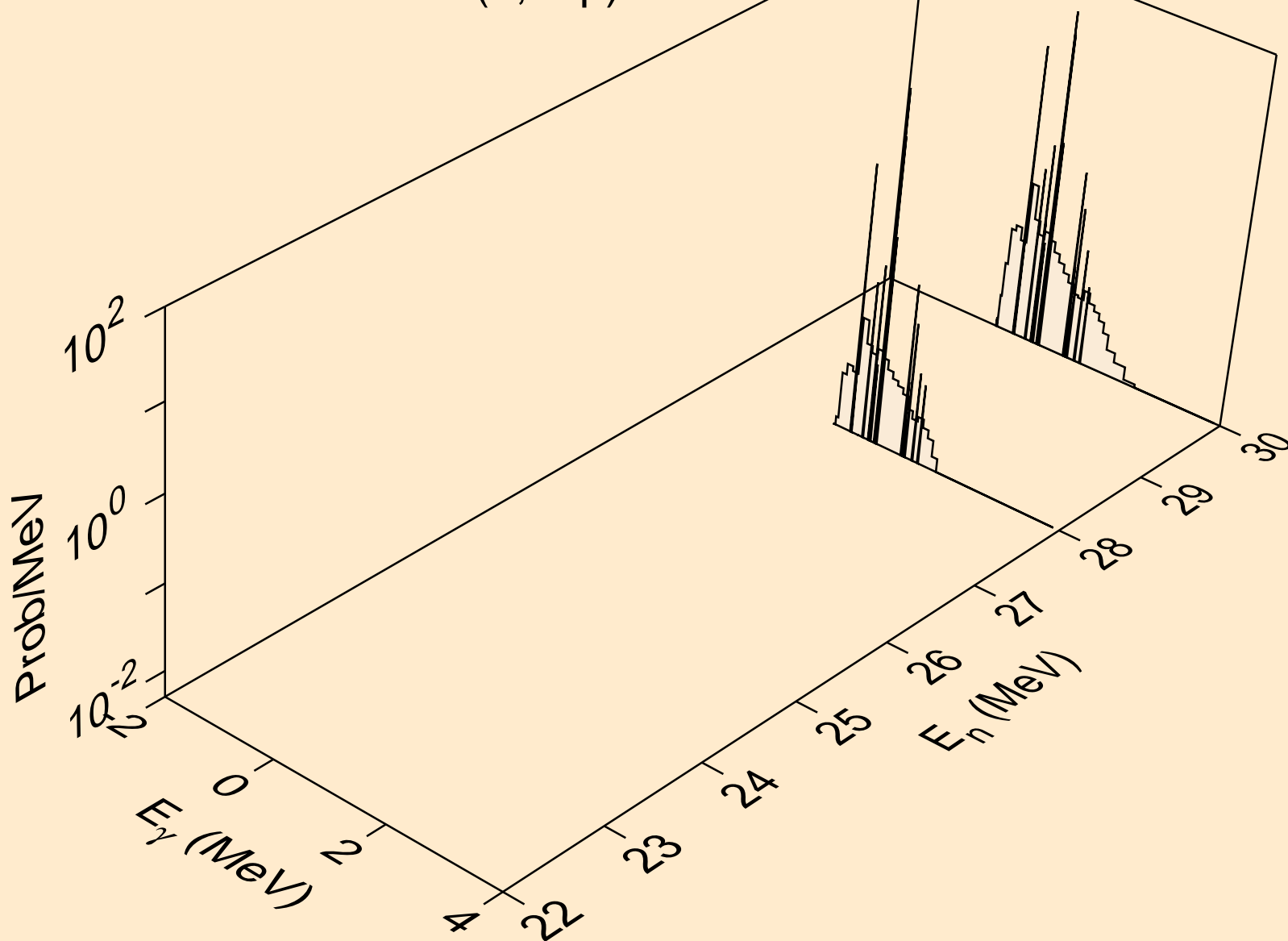
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



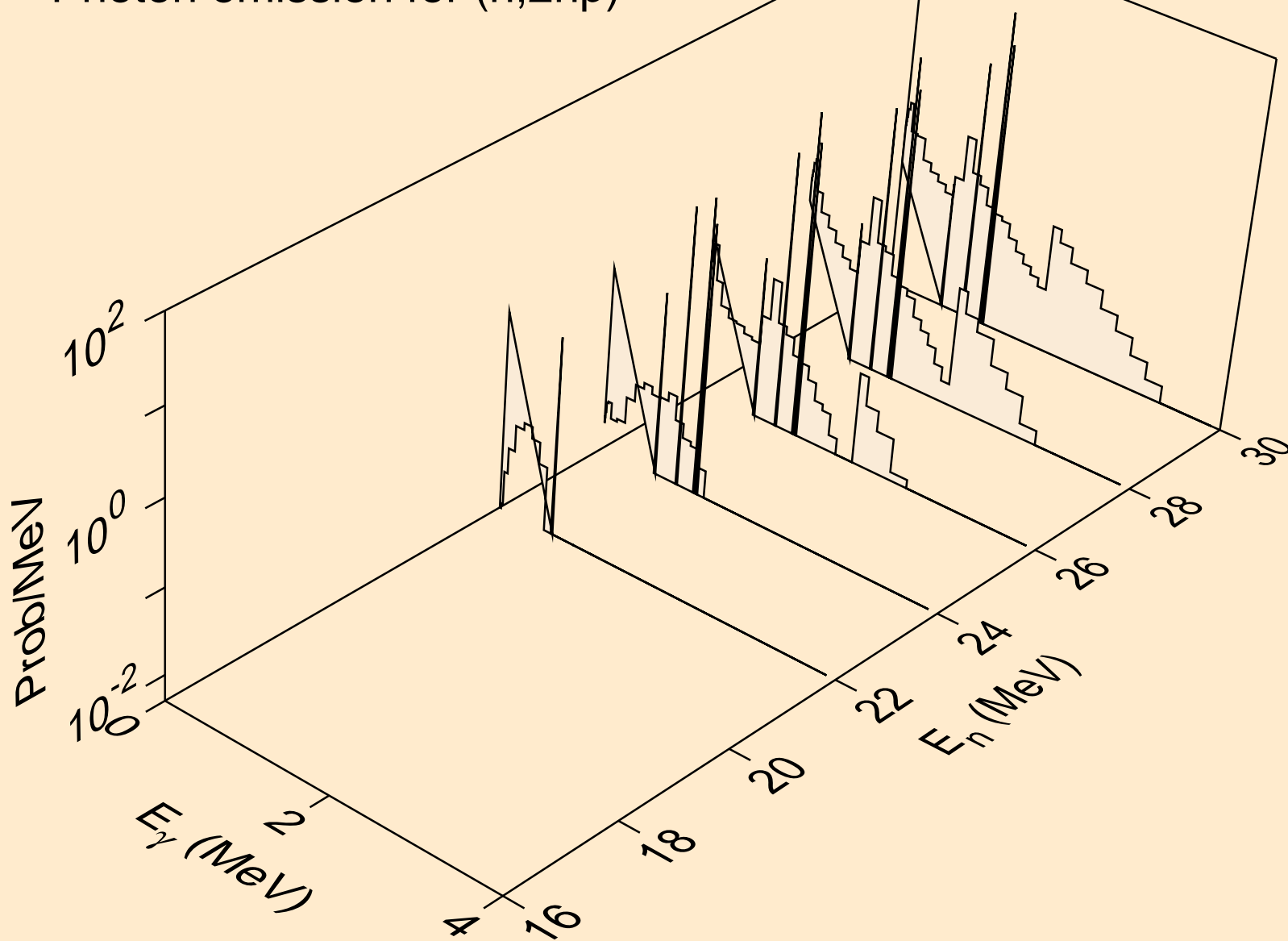
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



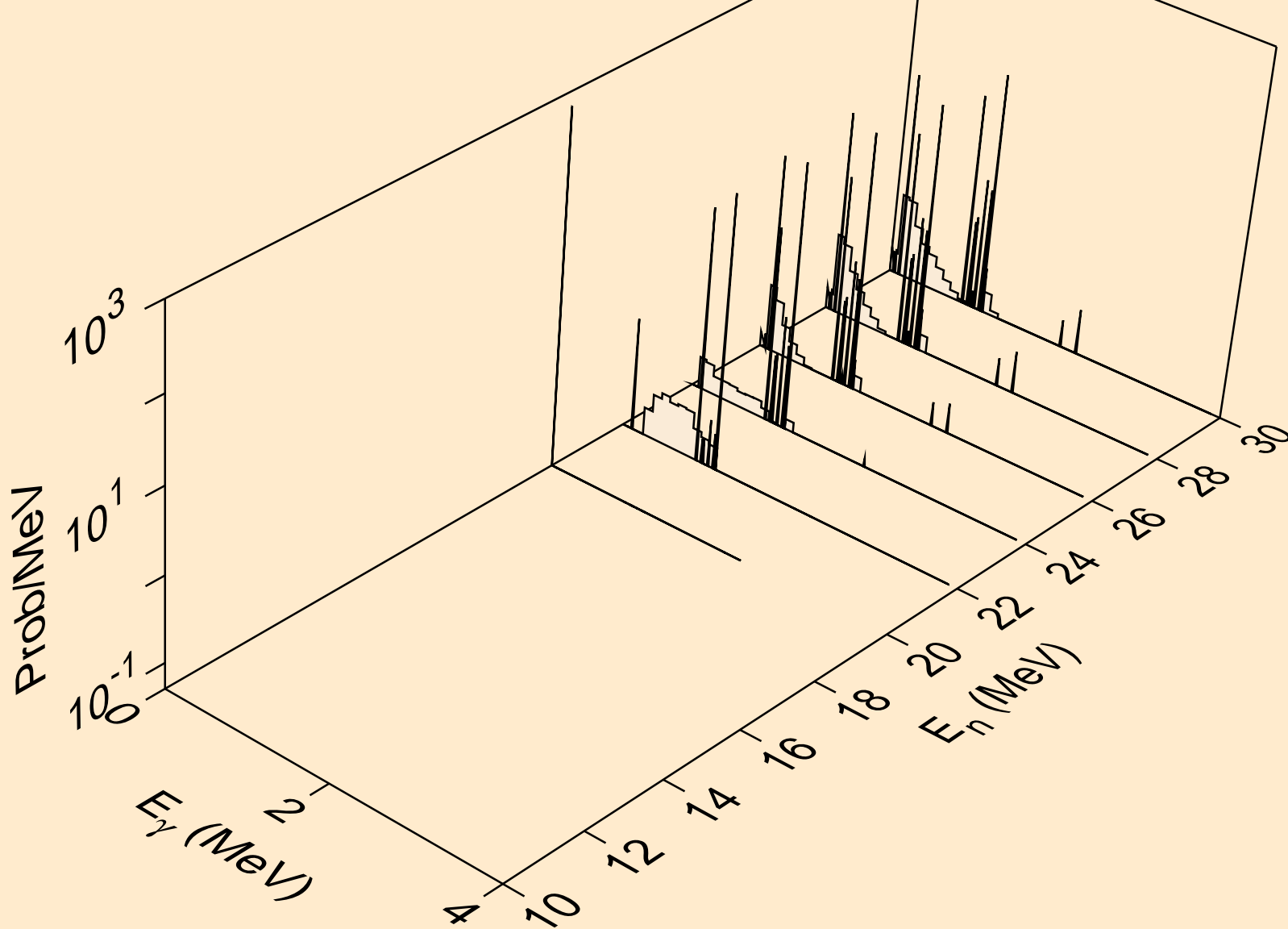
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



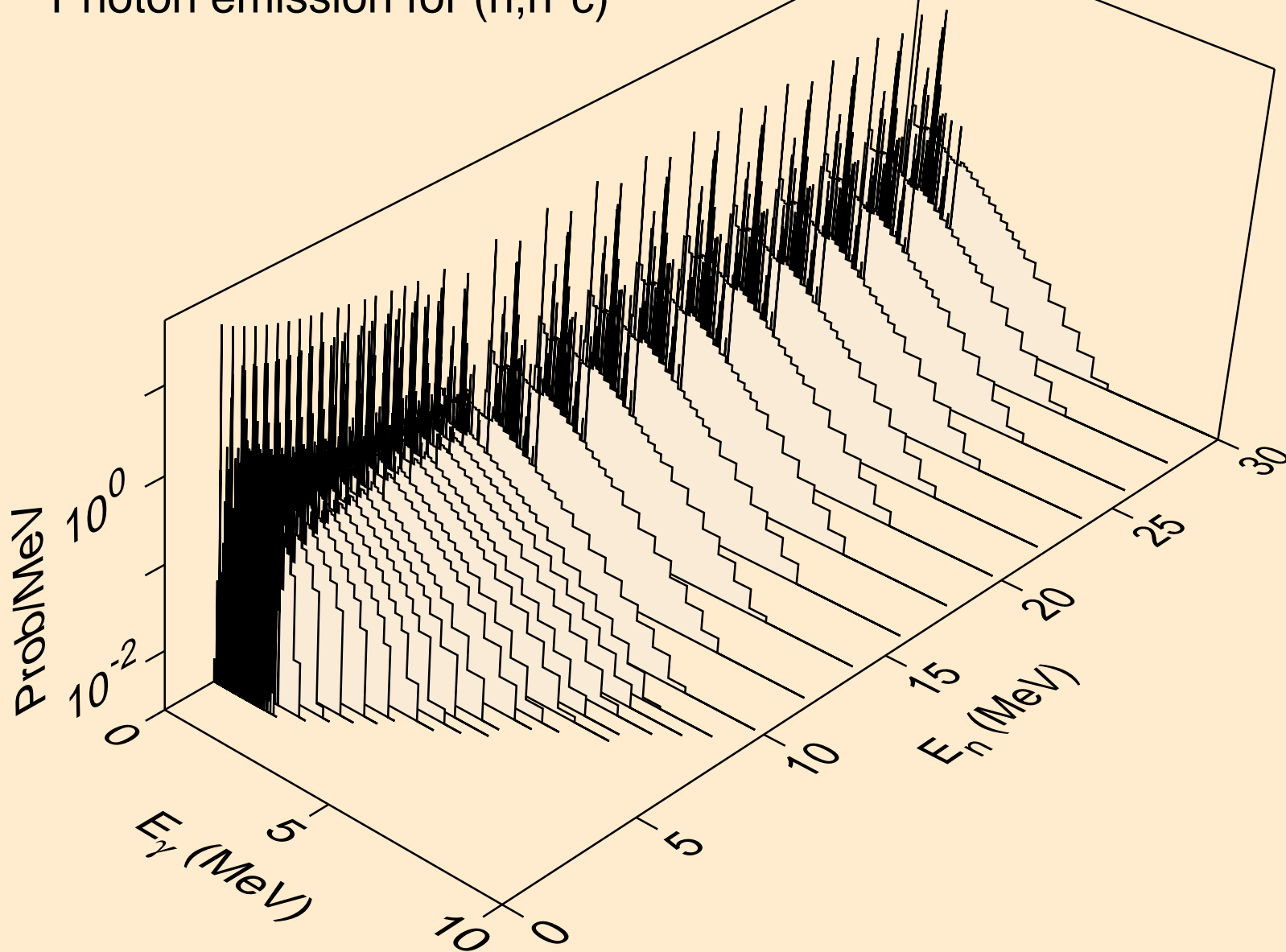
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



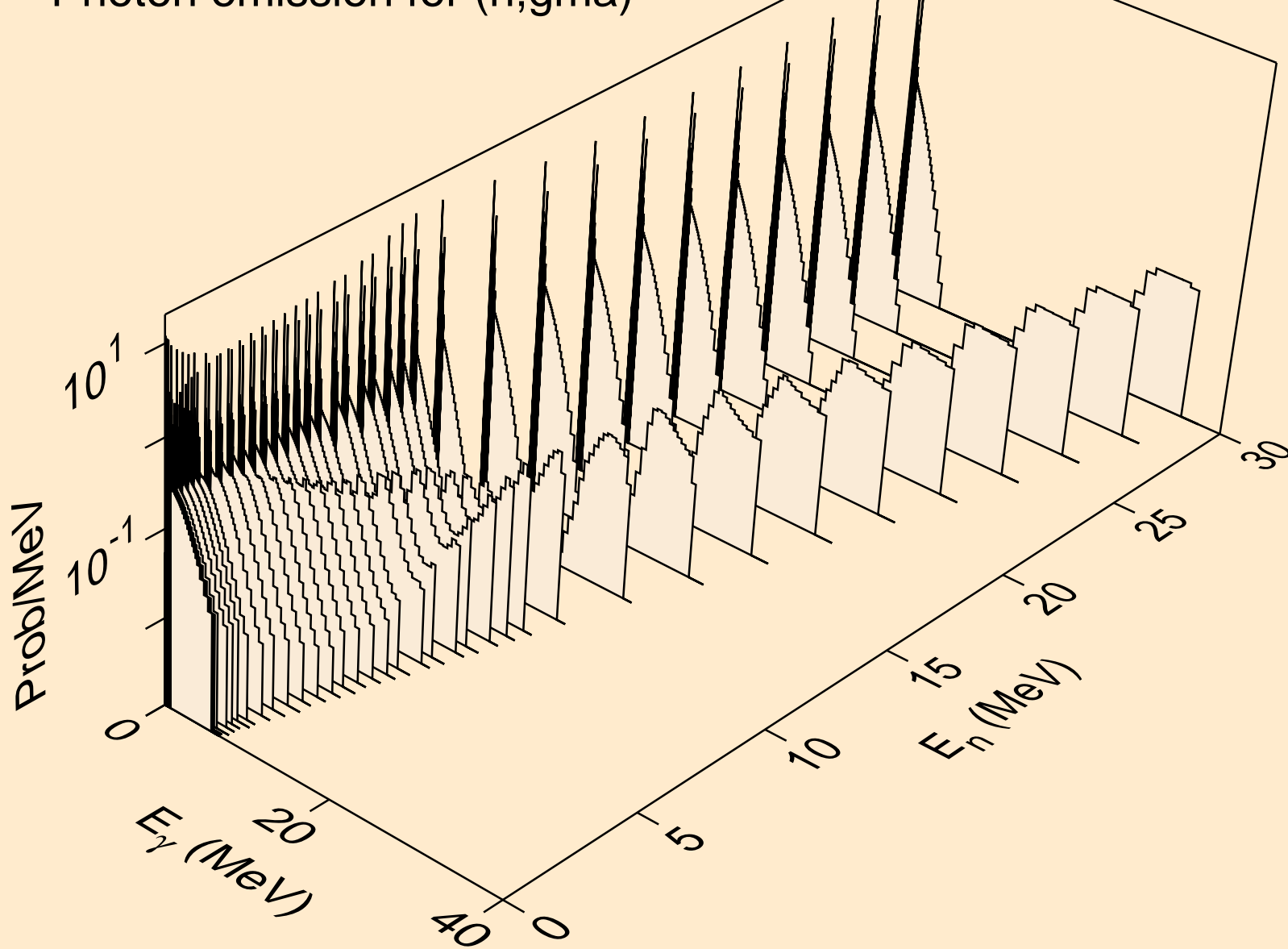
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



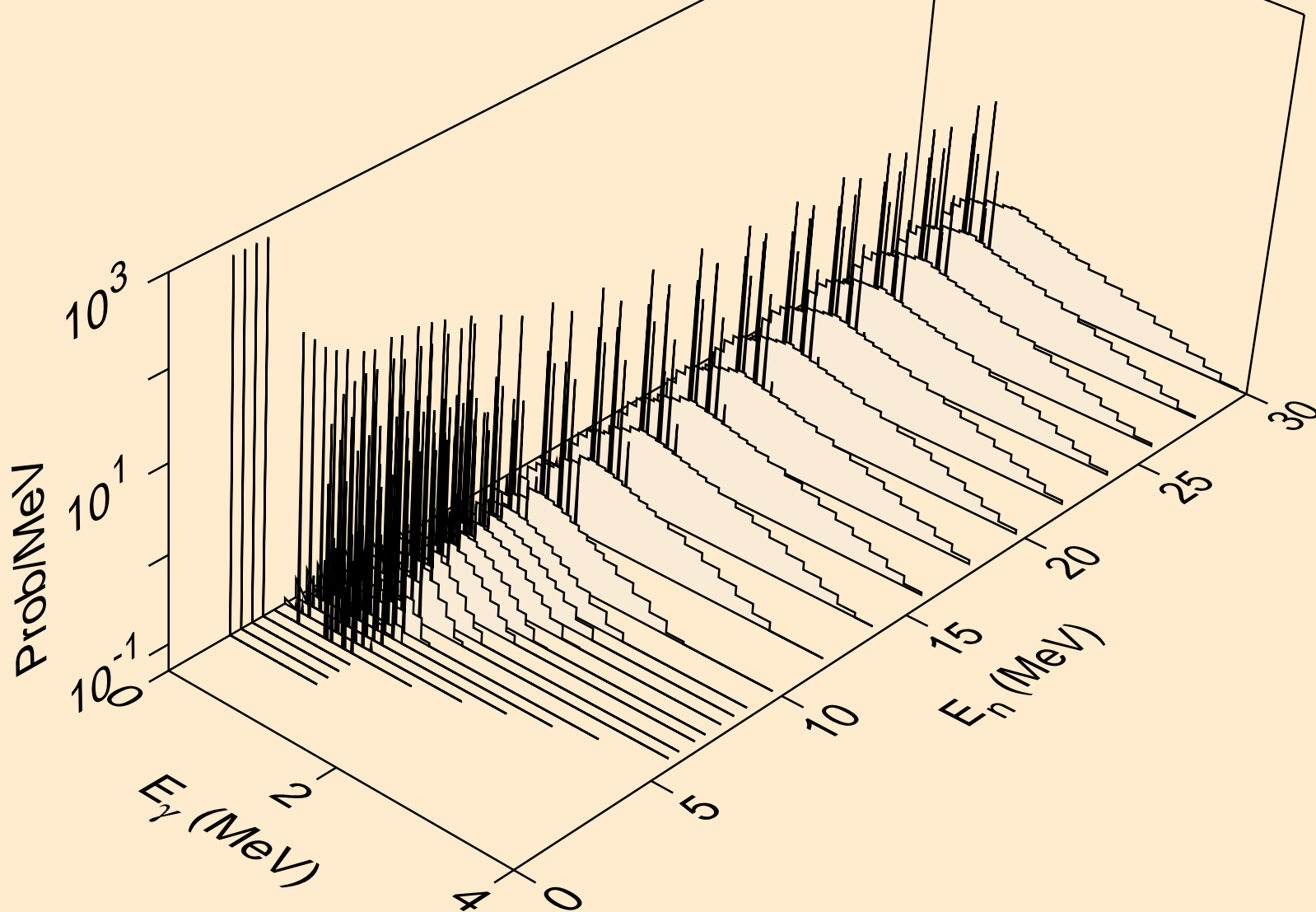
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



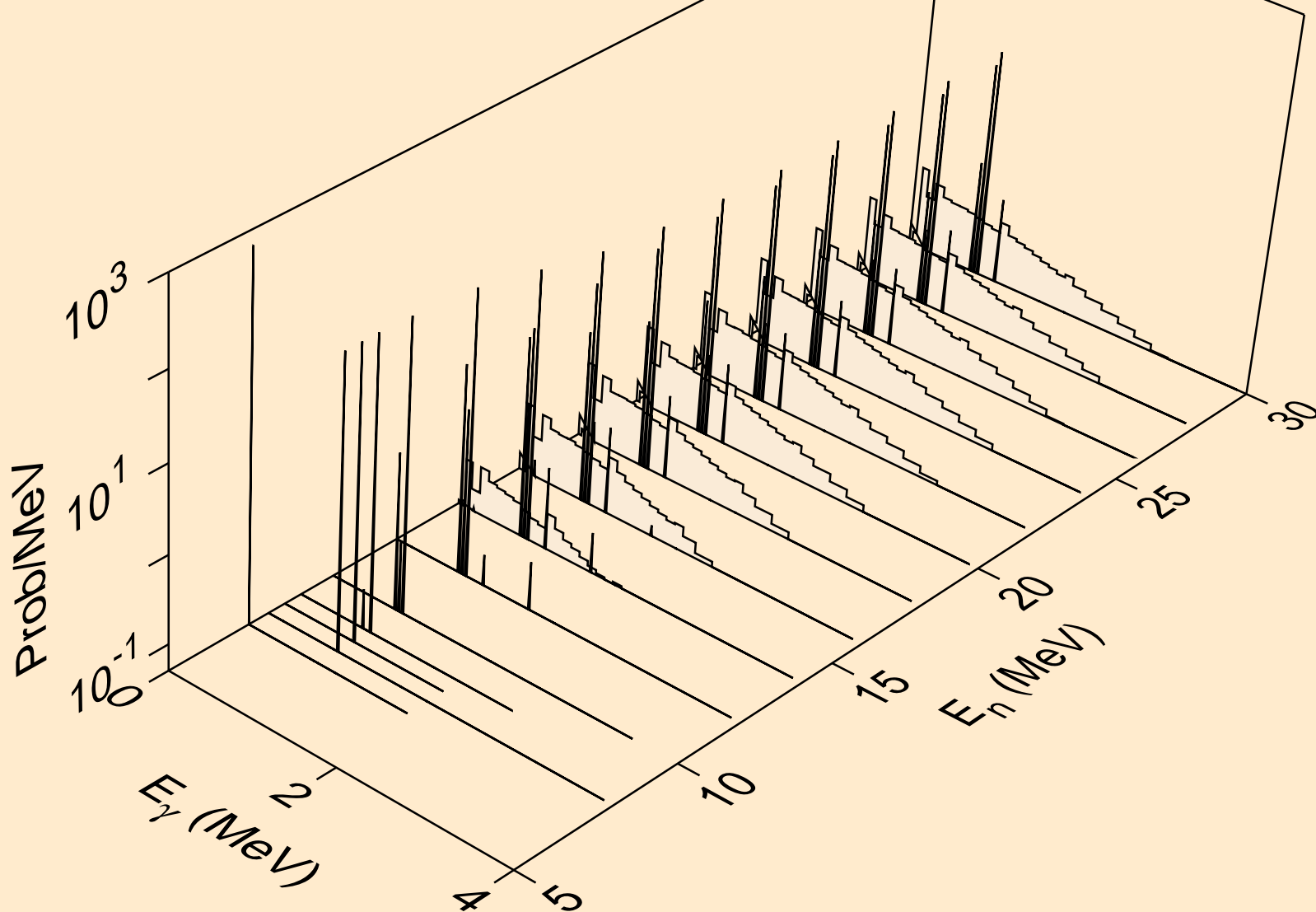
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



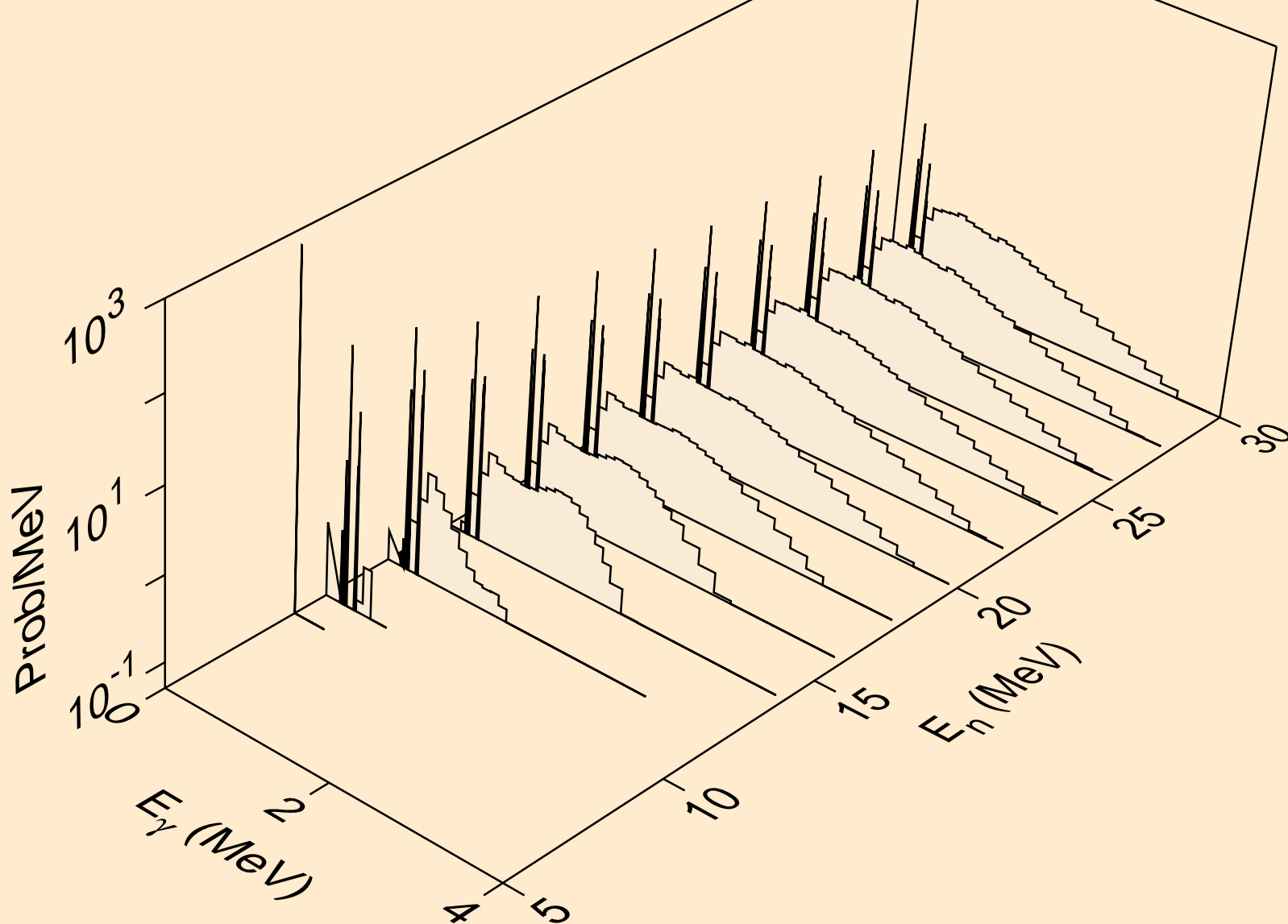
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



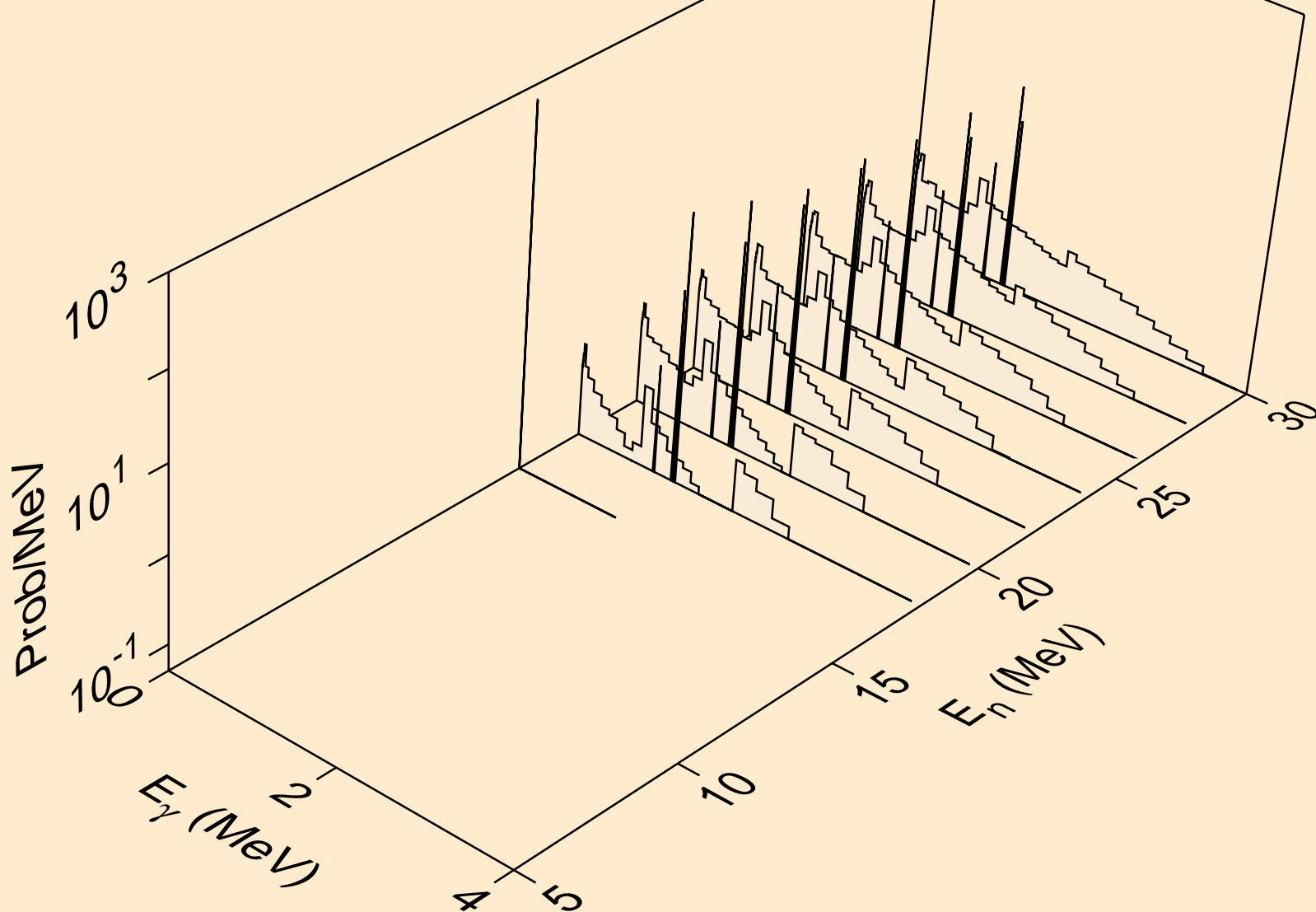
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



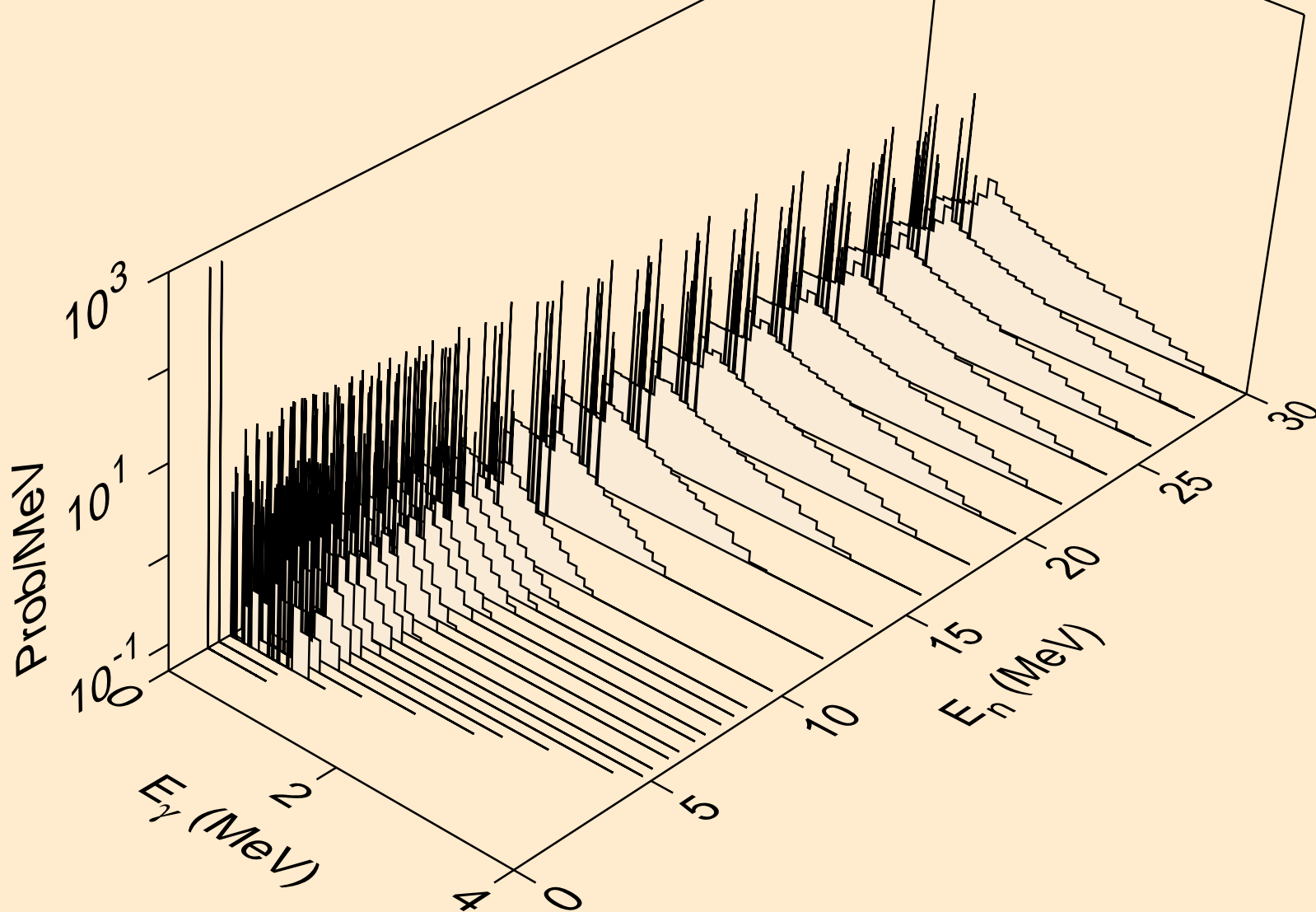
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



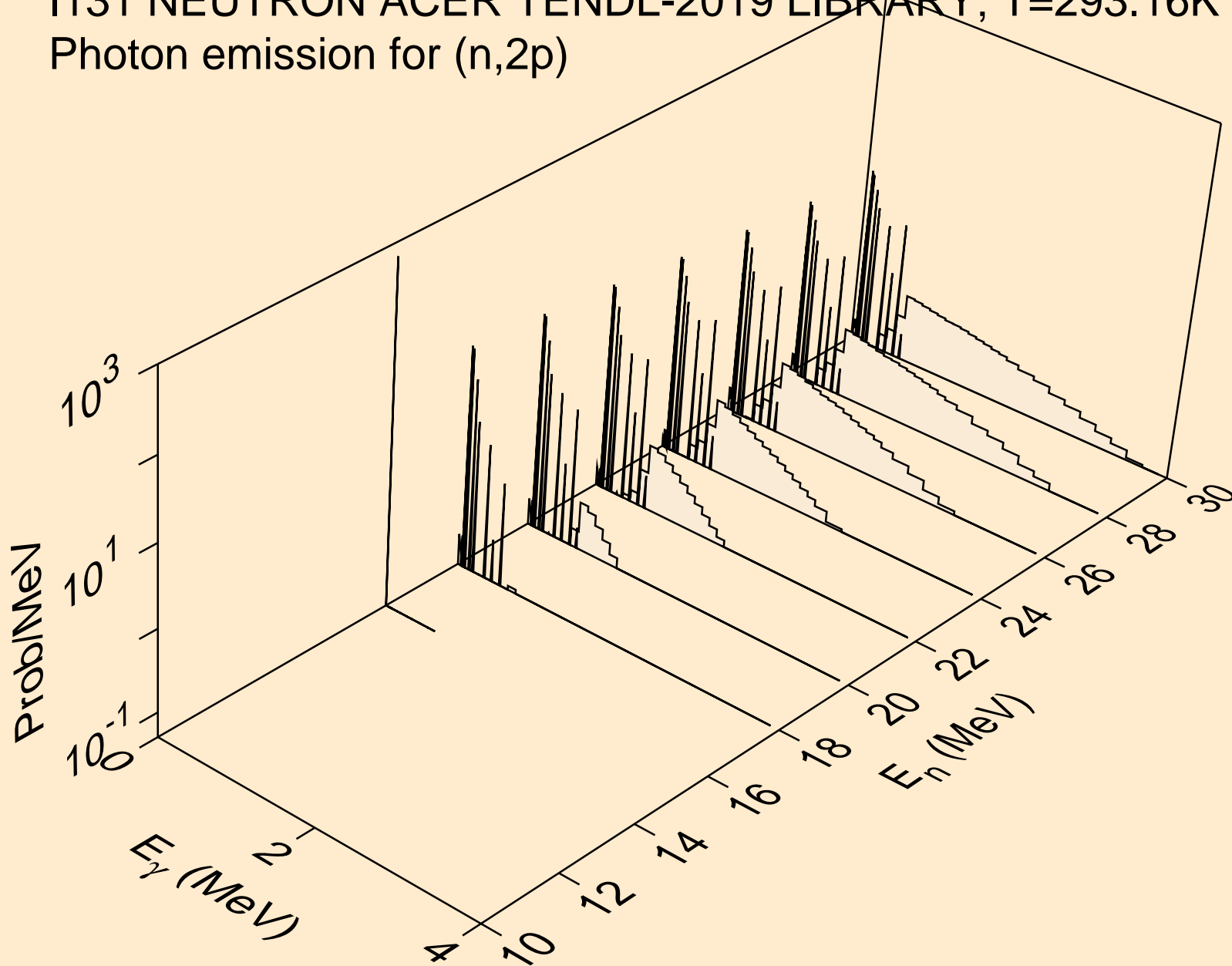
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



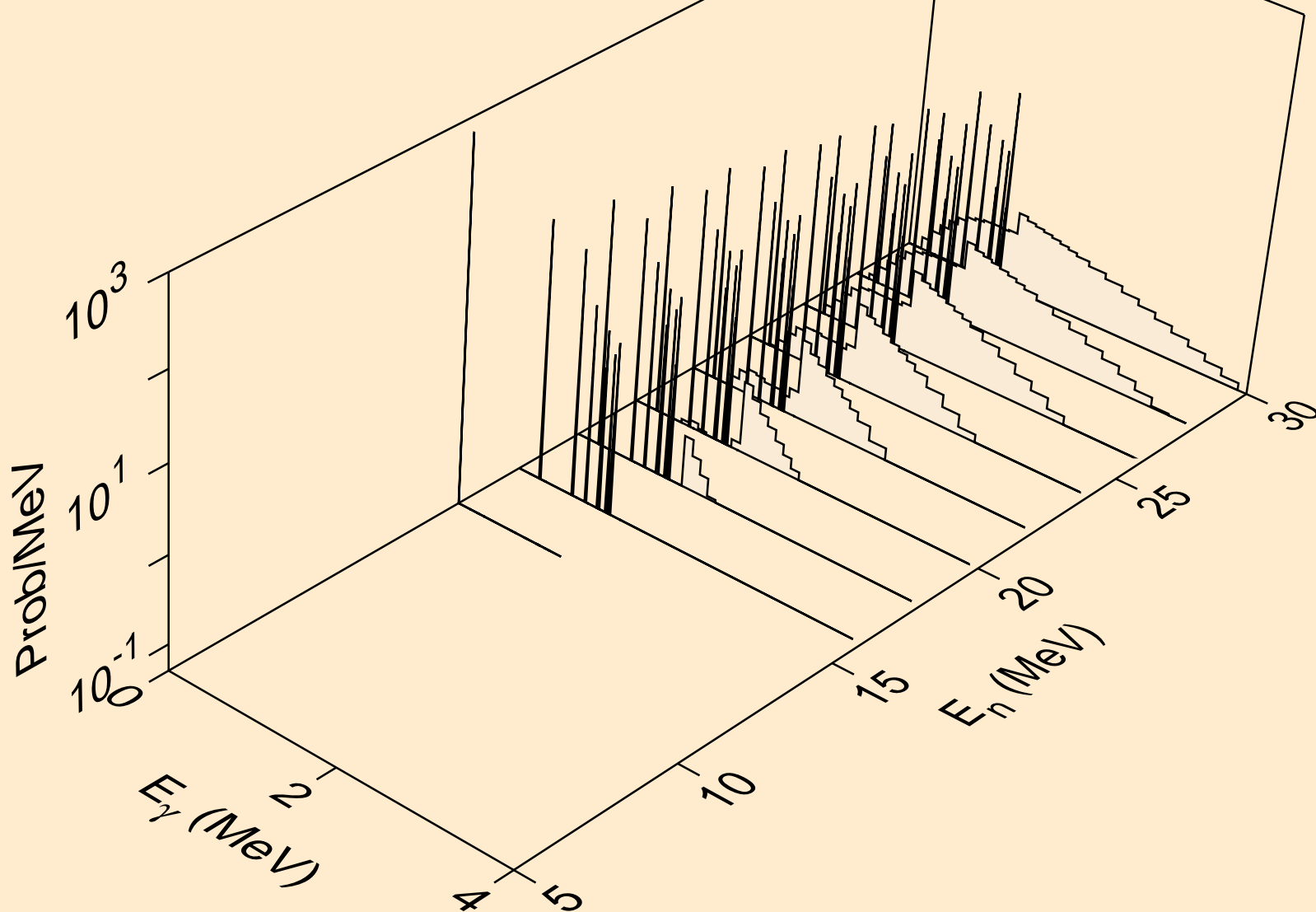
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



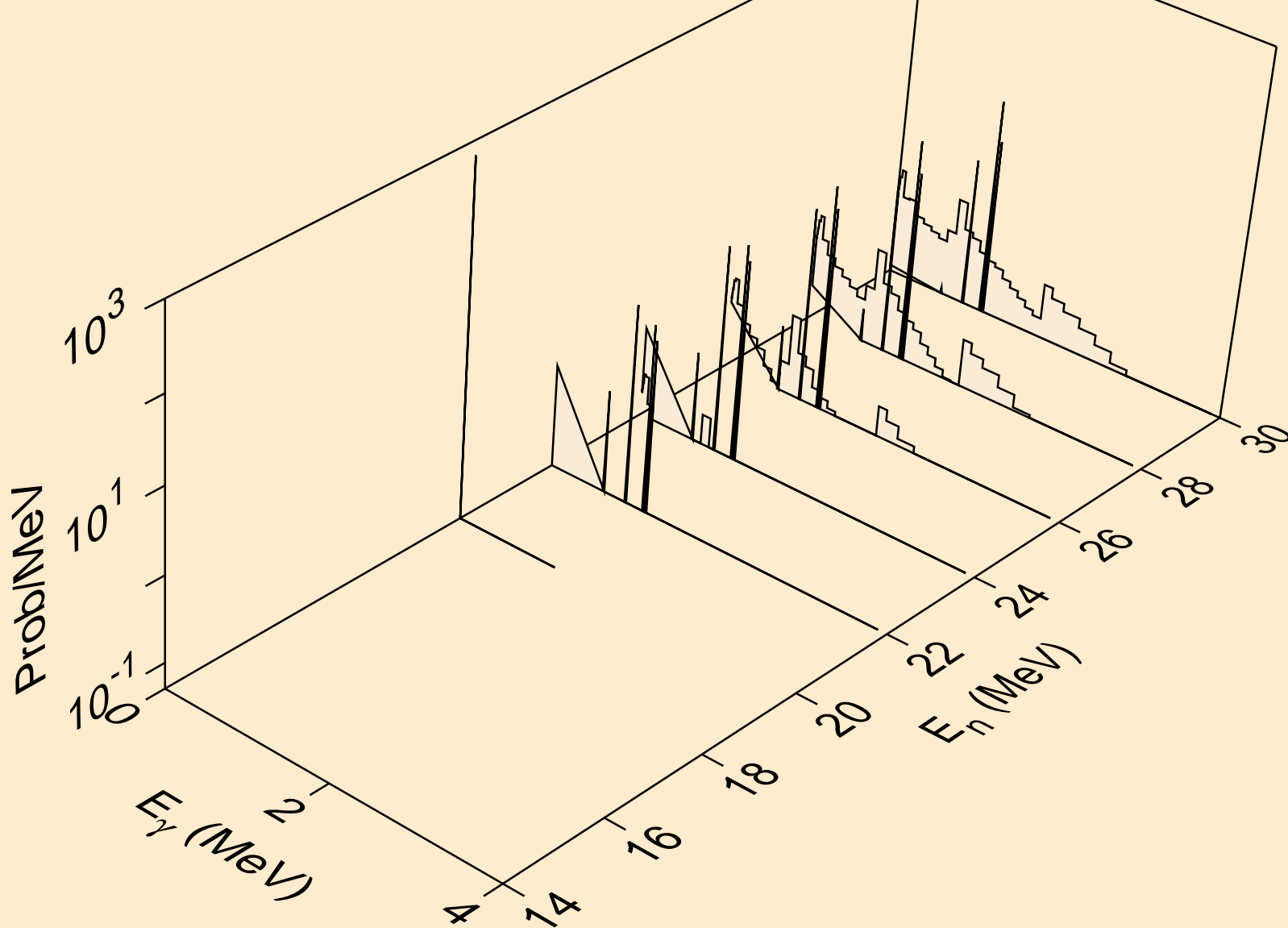
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



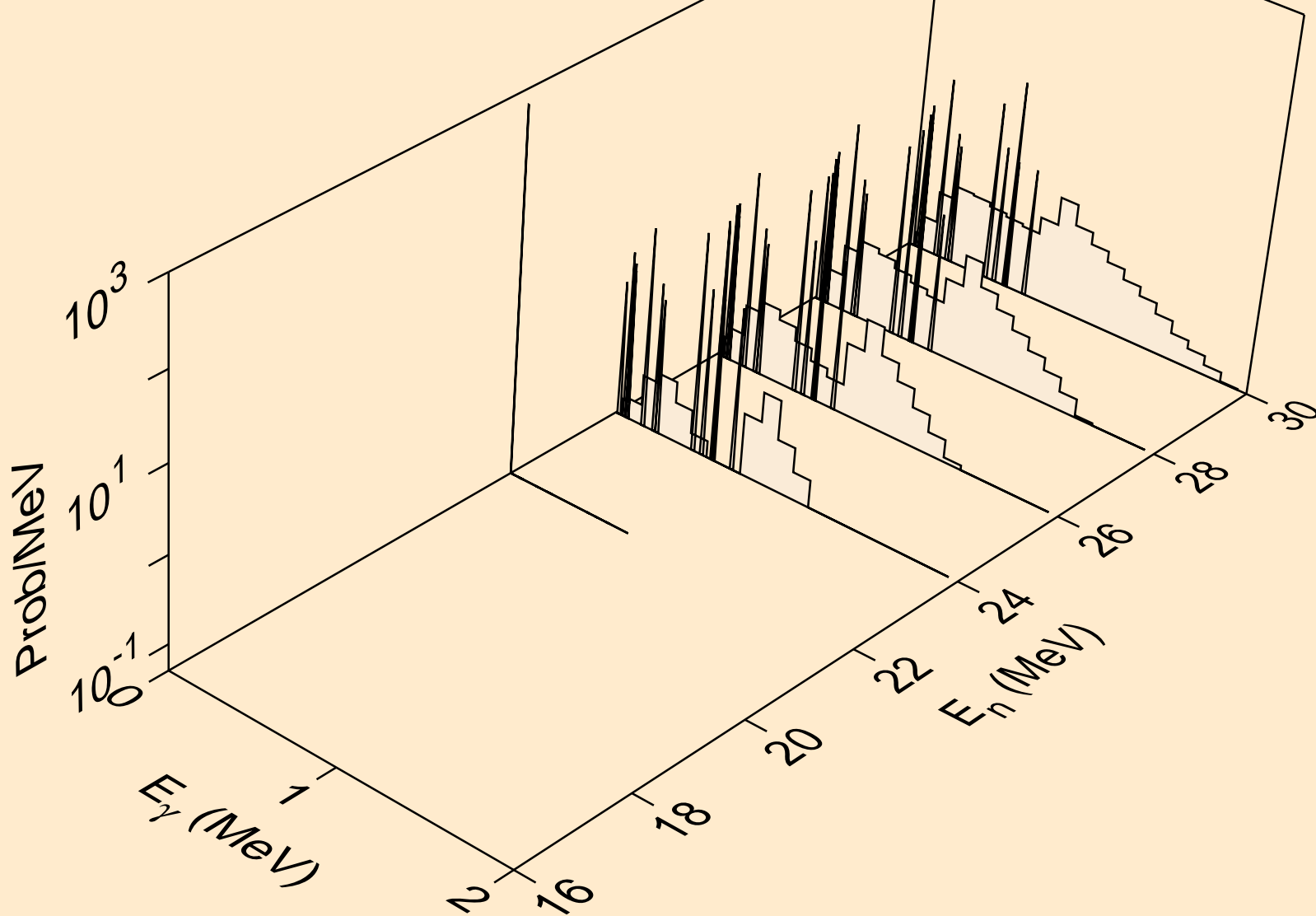
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



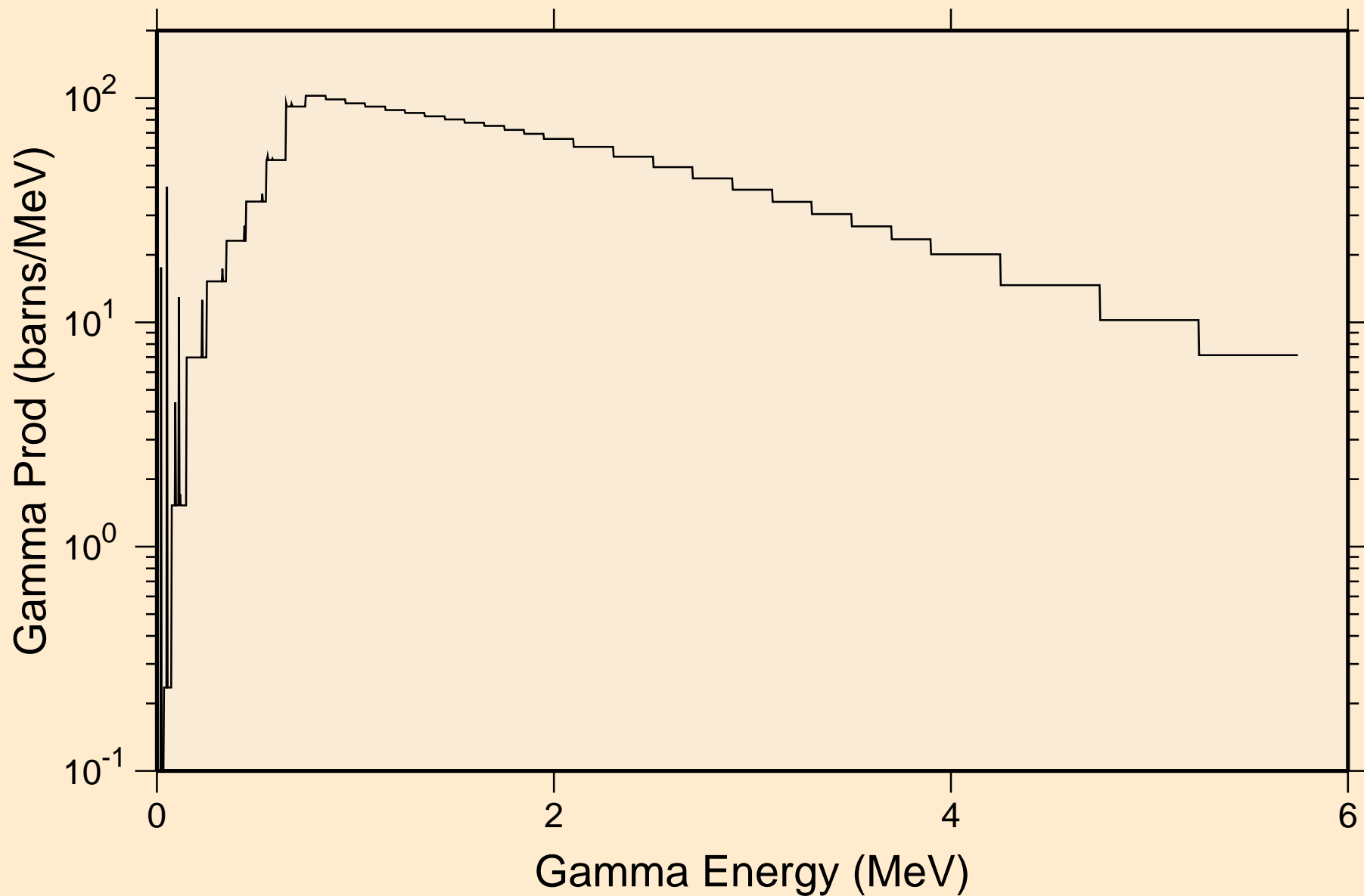
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



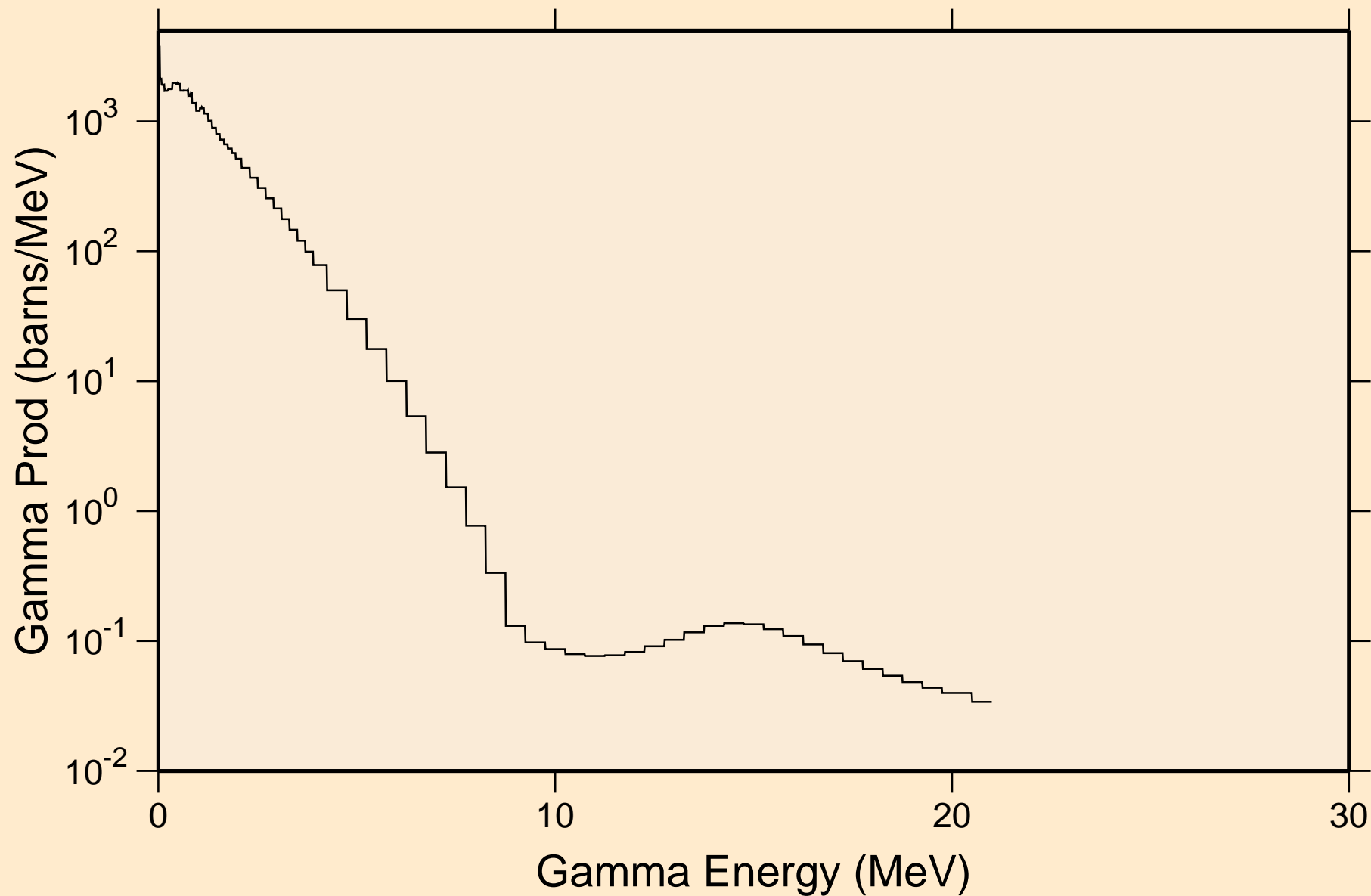
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

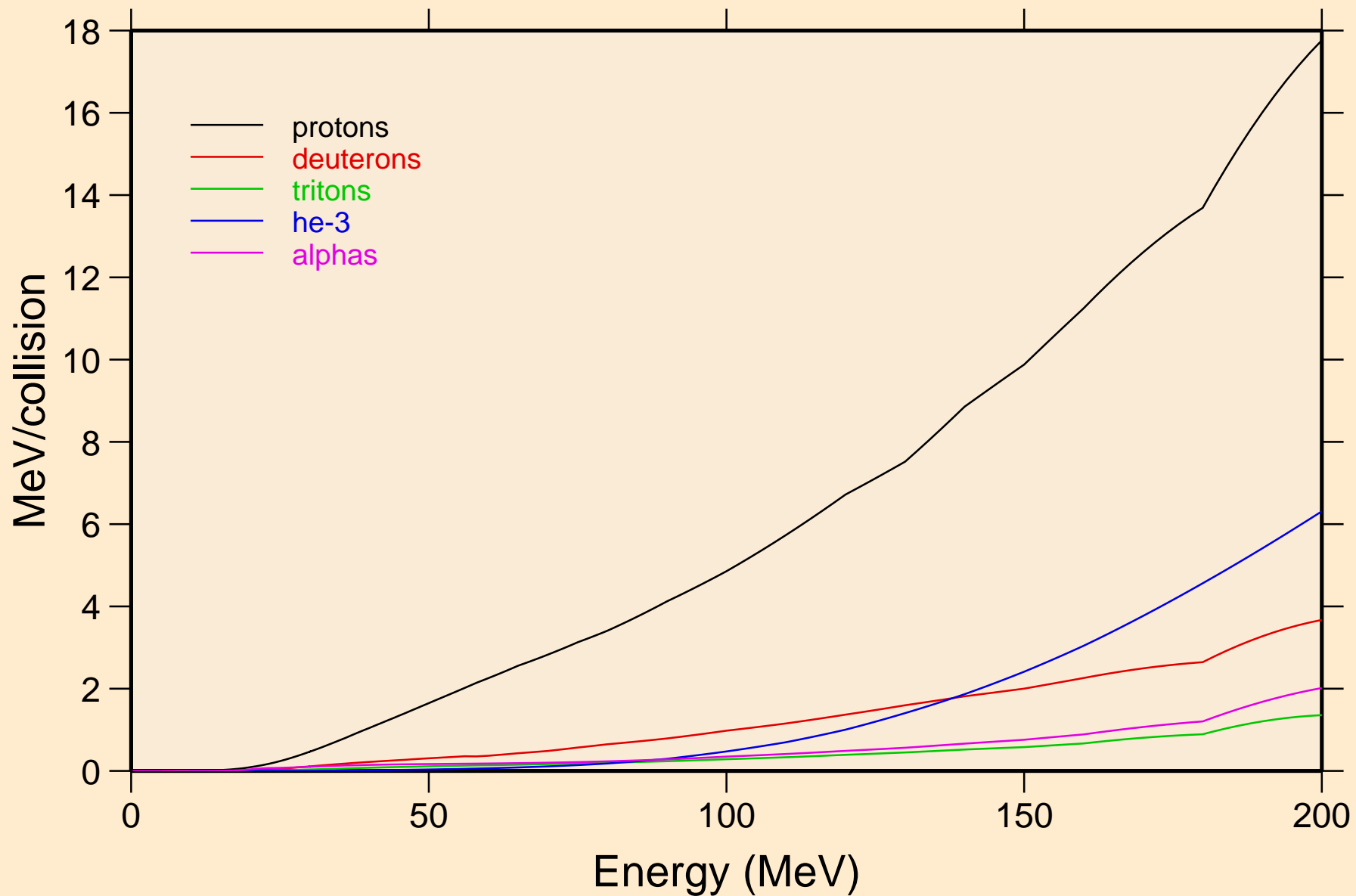


I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

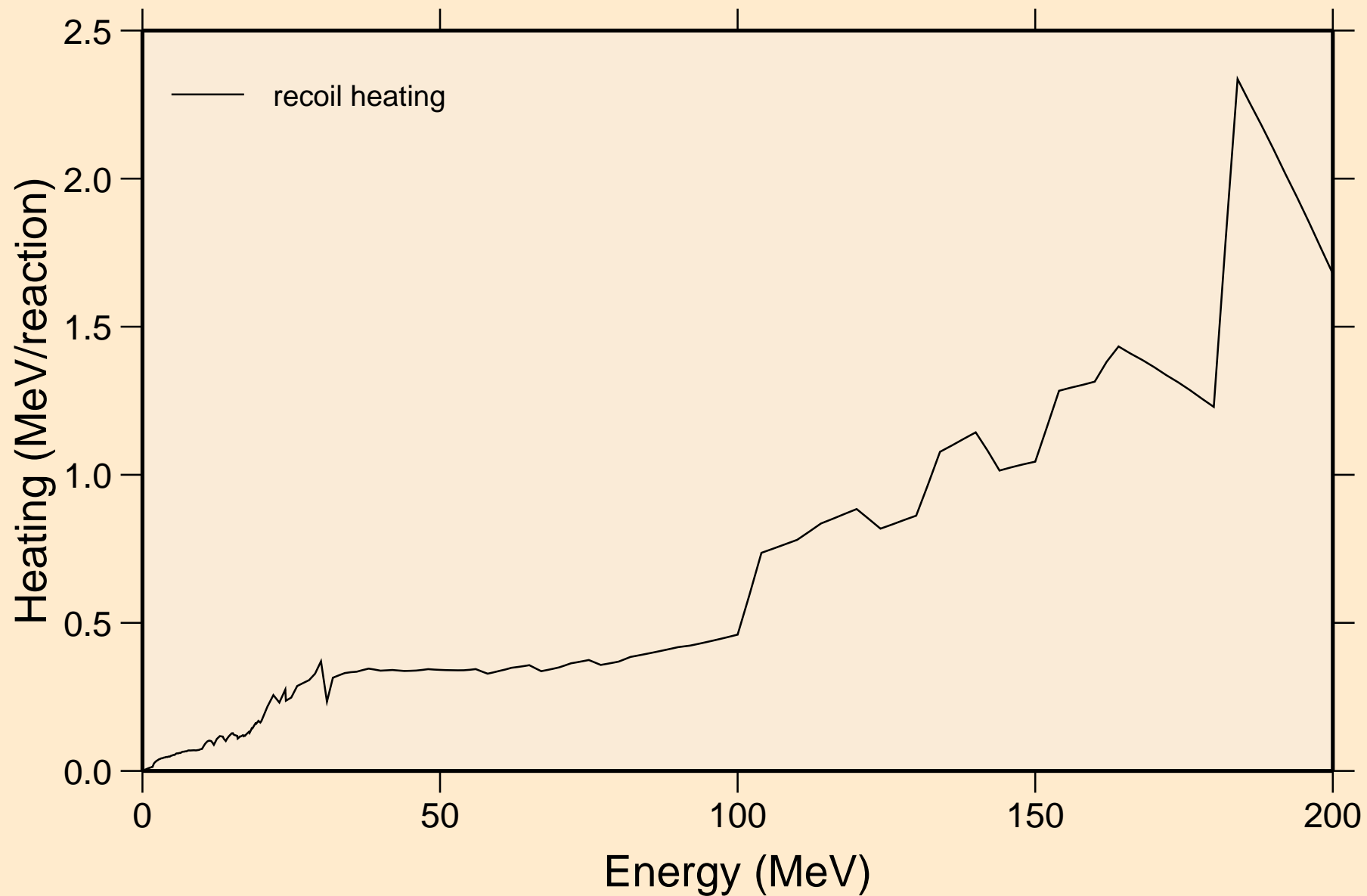


I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

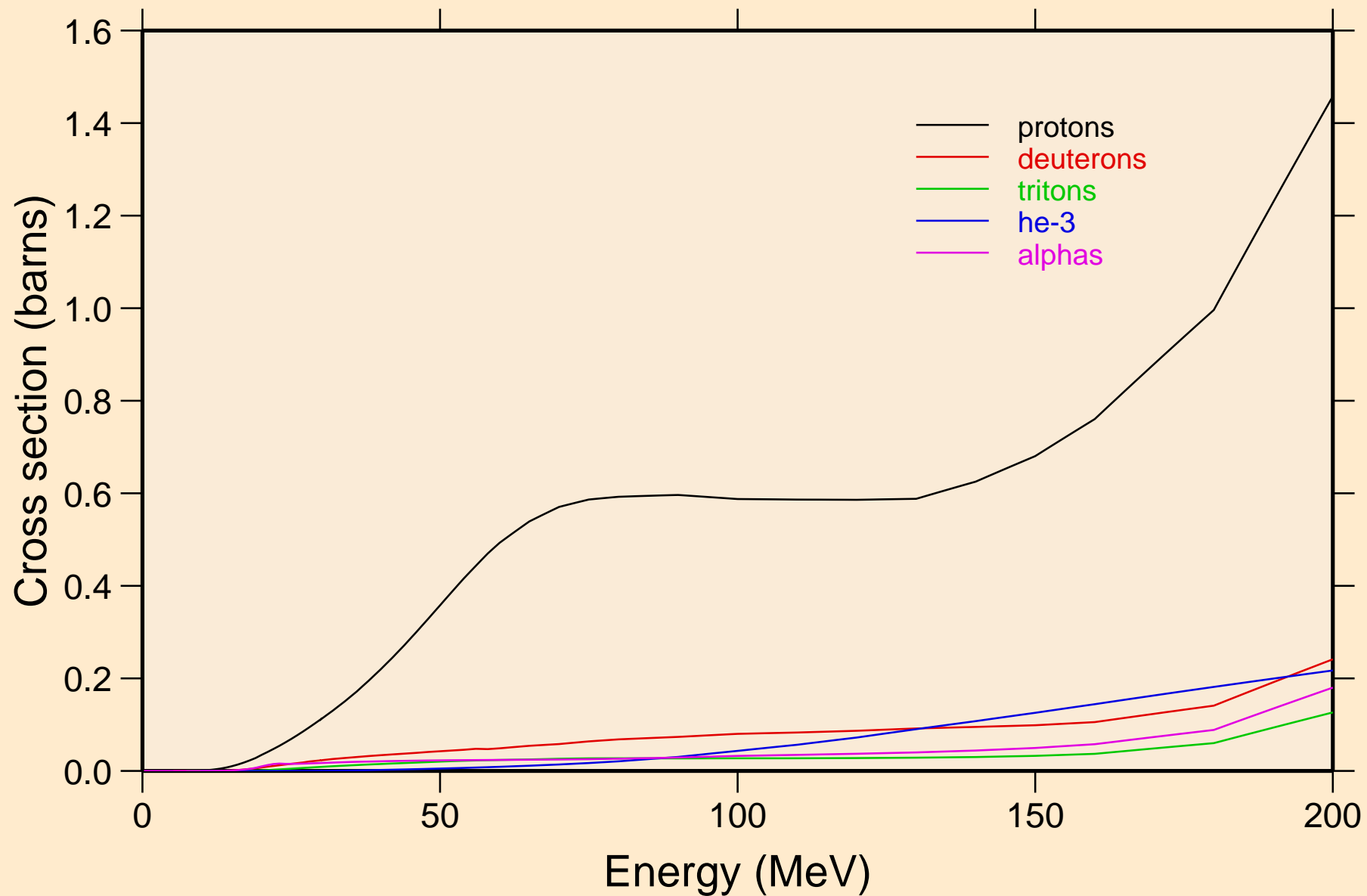
Particle heating contributions



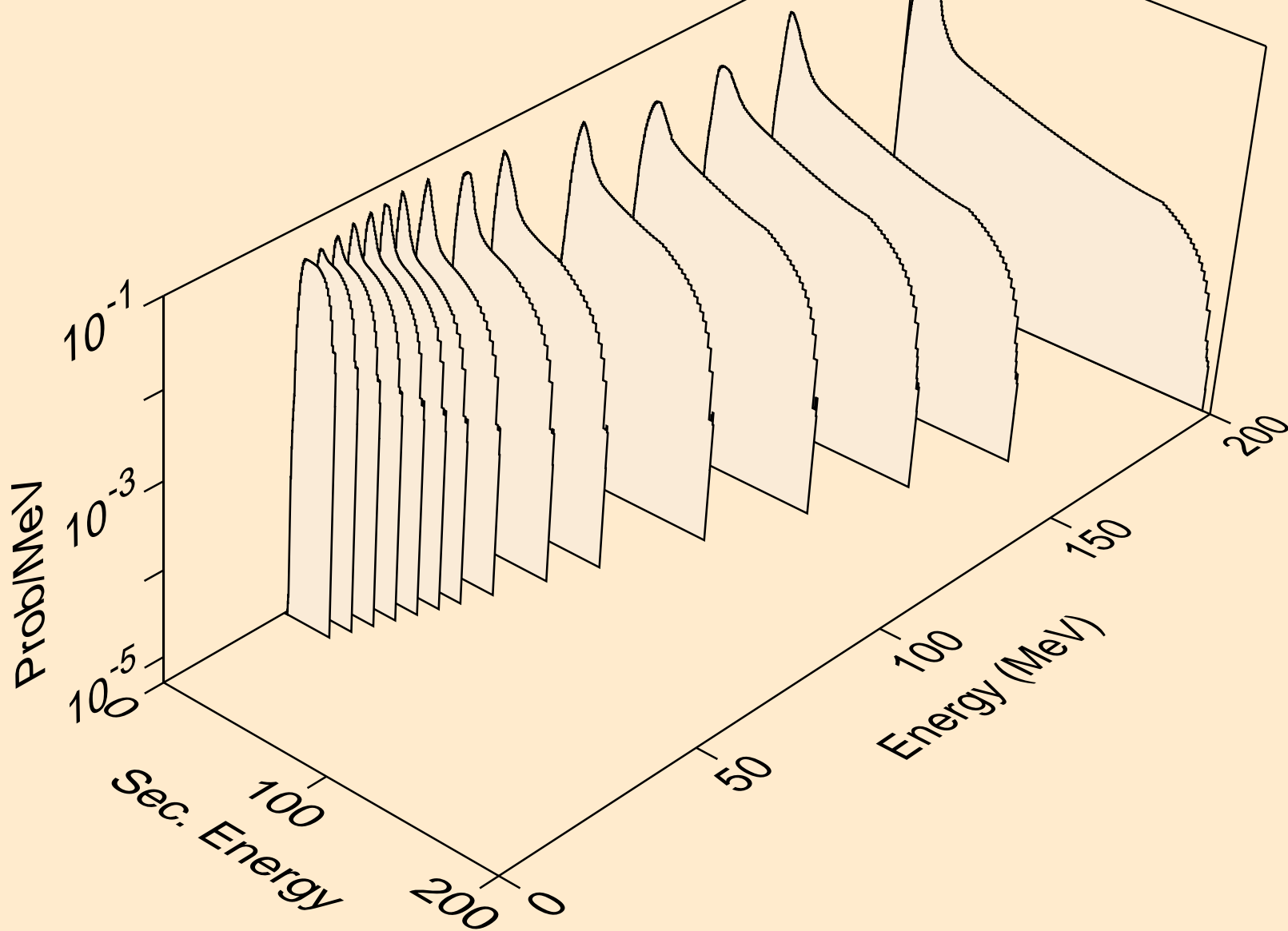
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



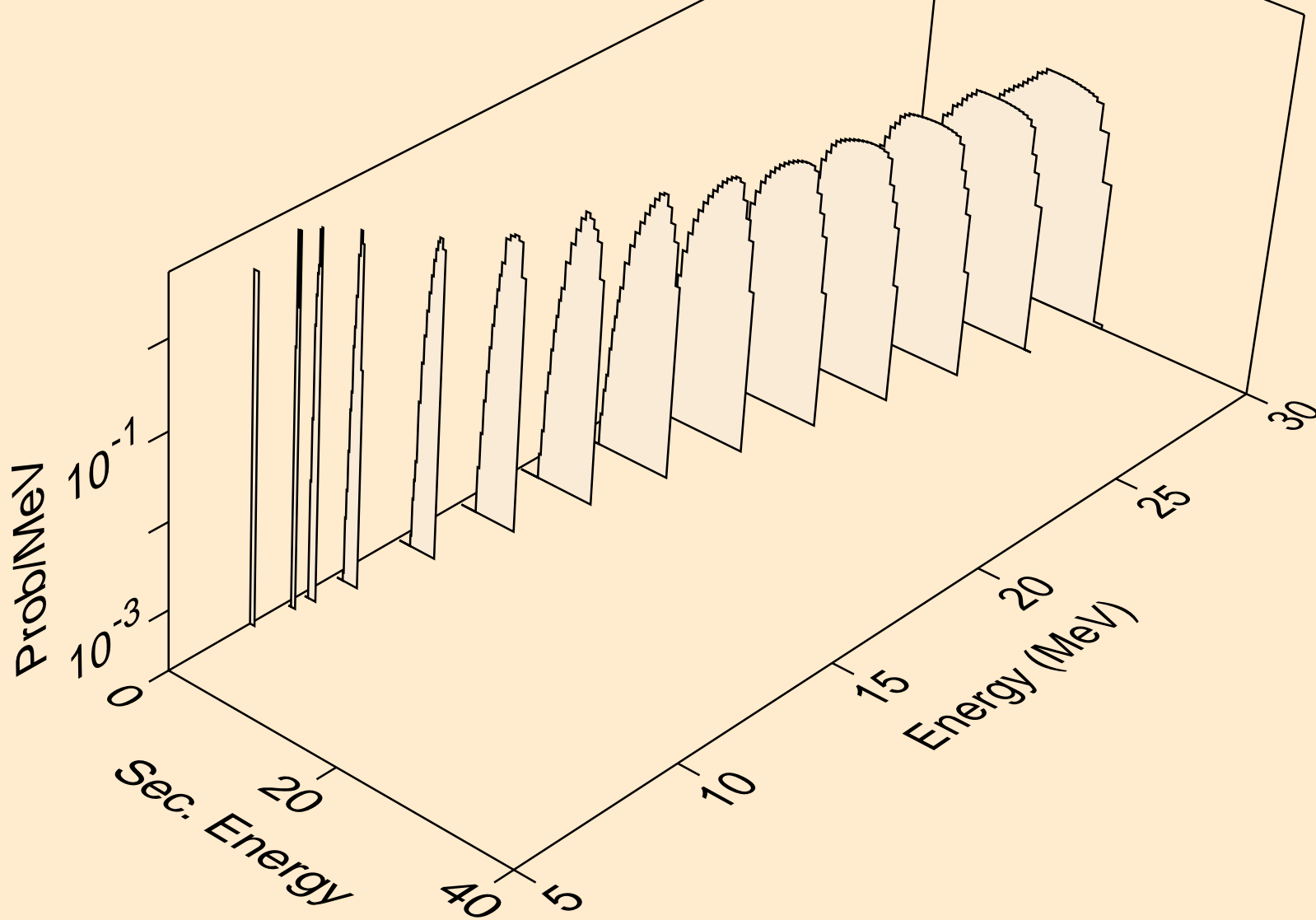
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



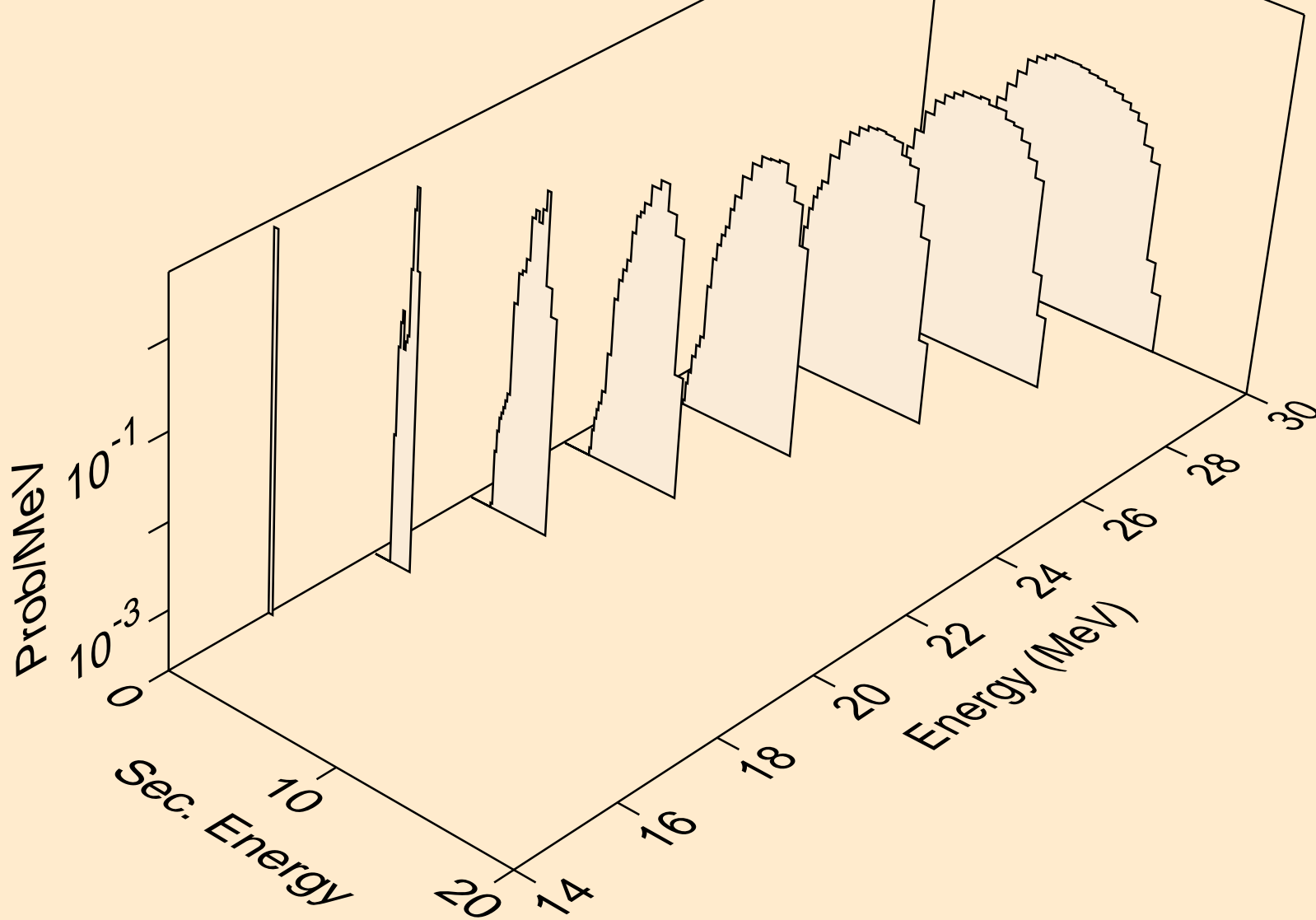
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



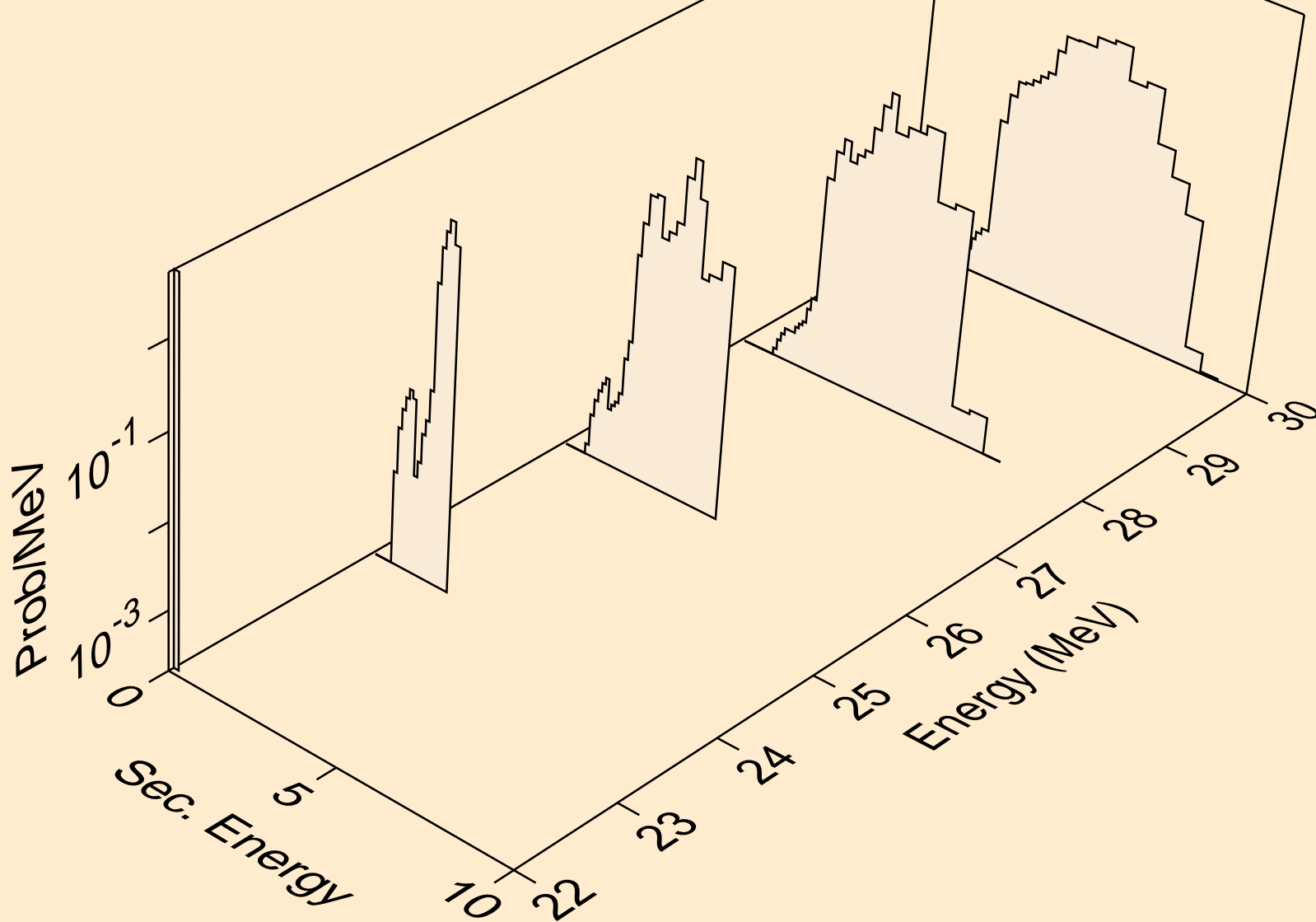
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



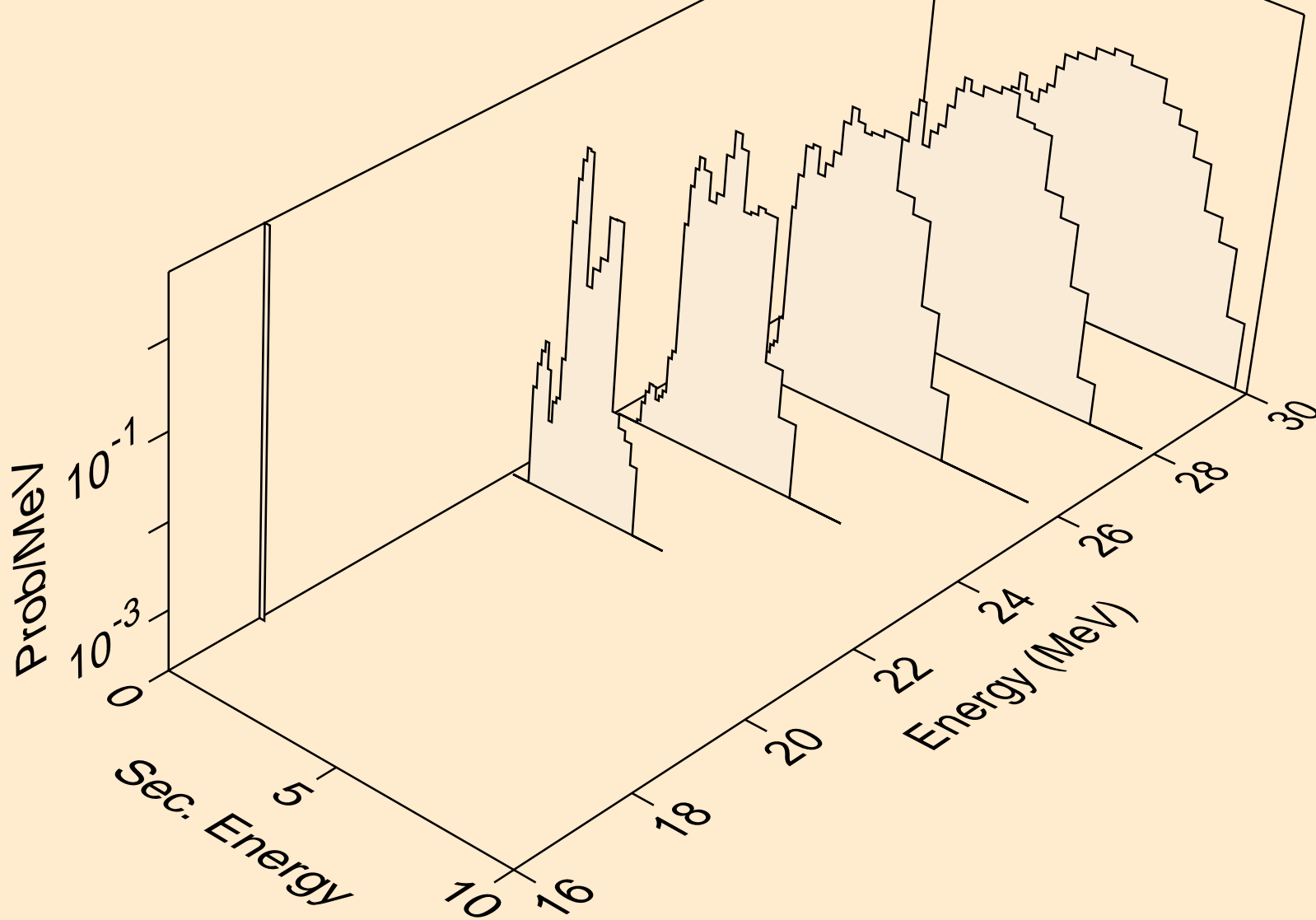
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



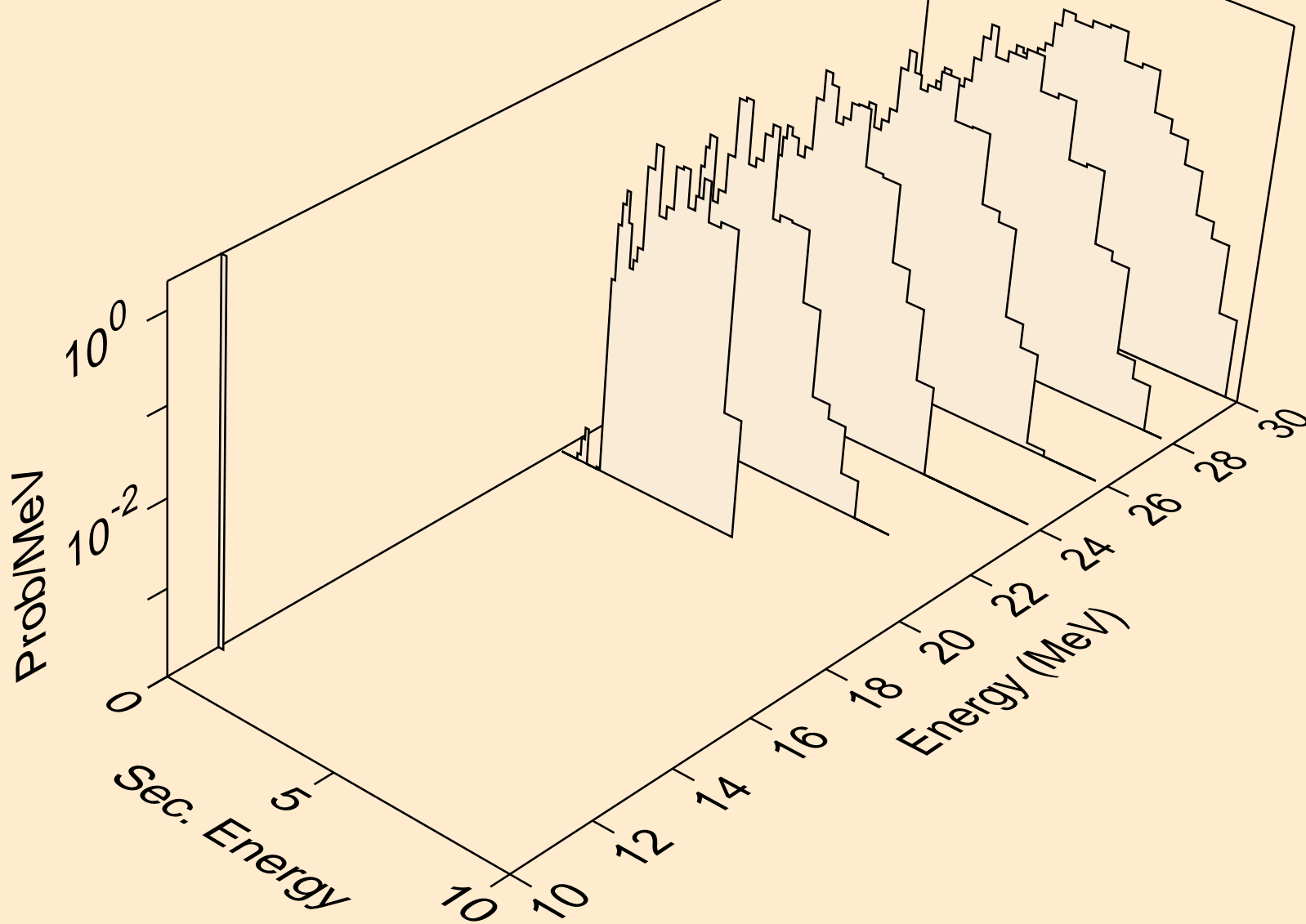
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



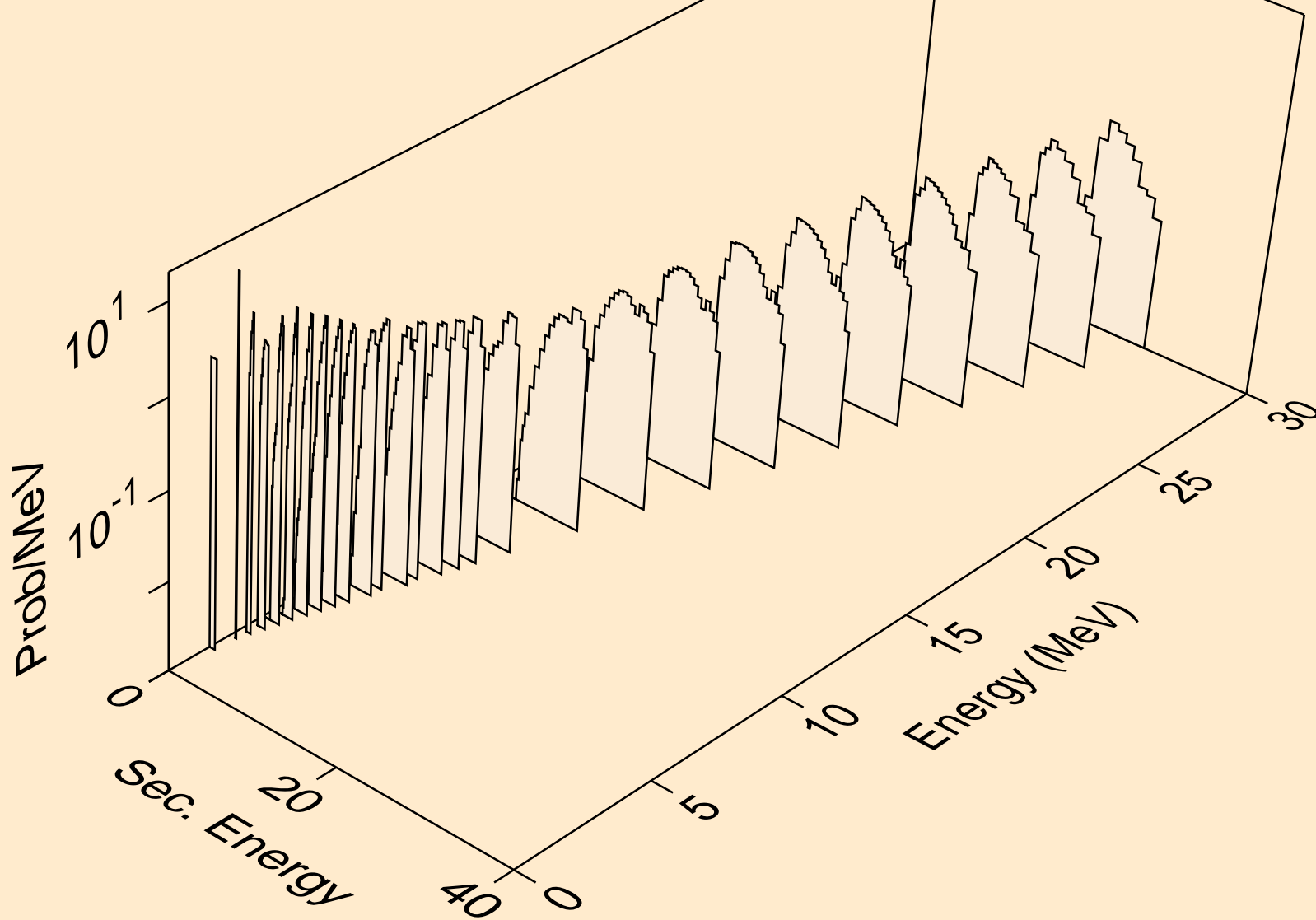
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



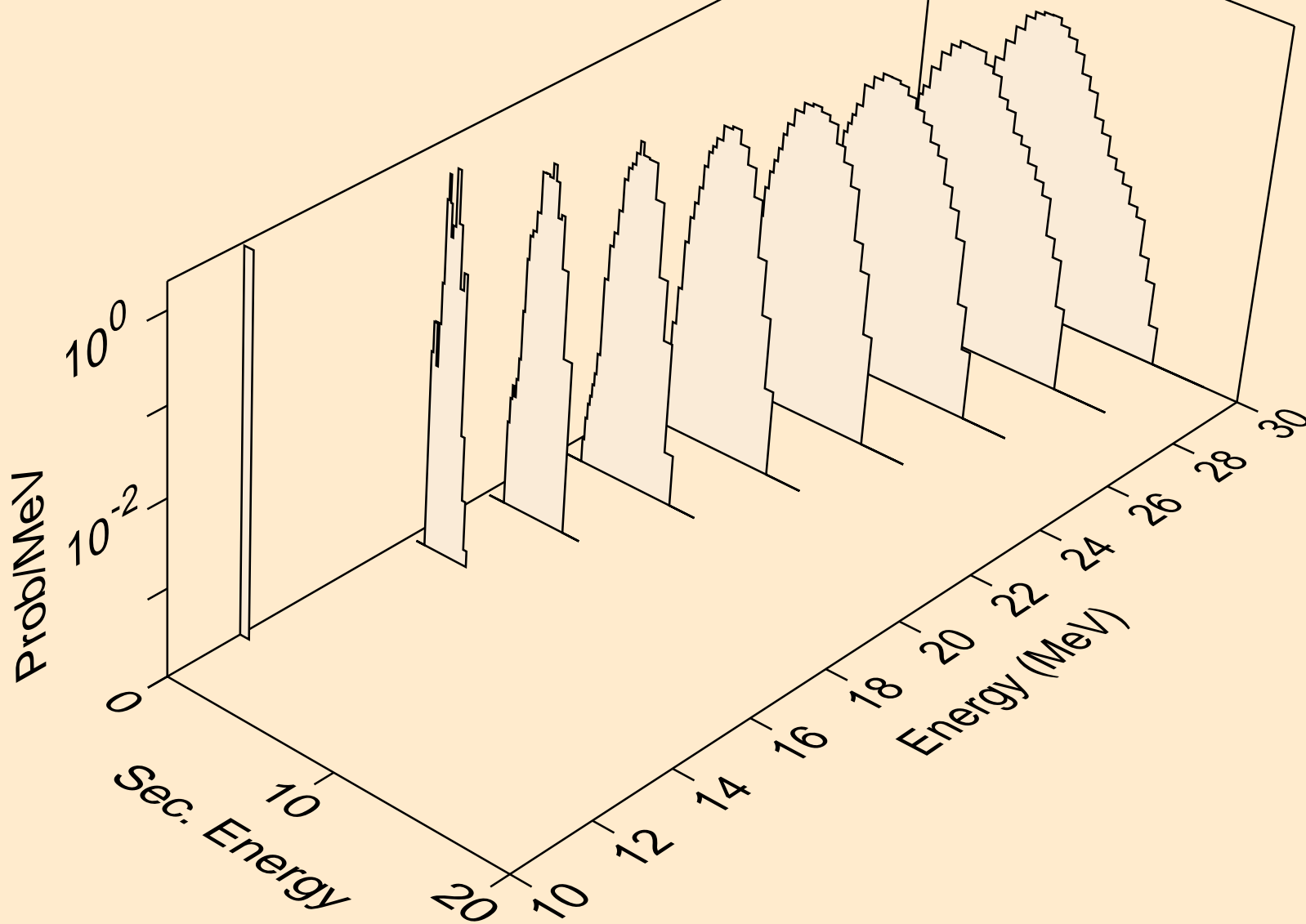
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



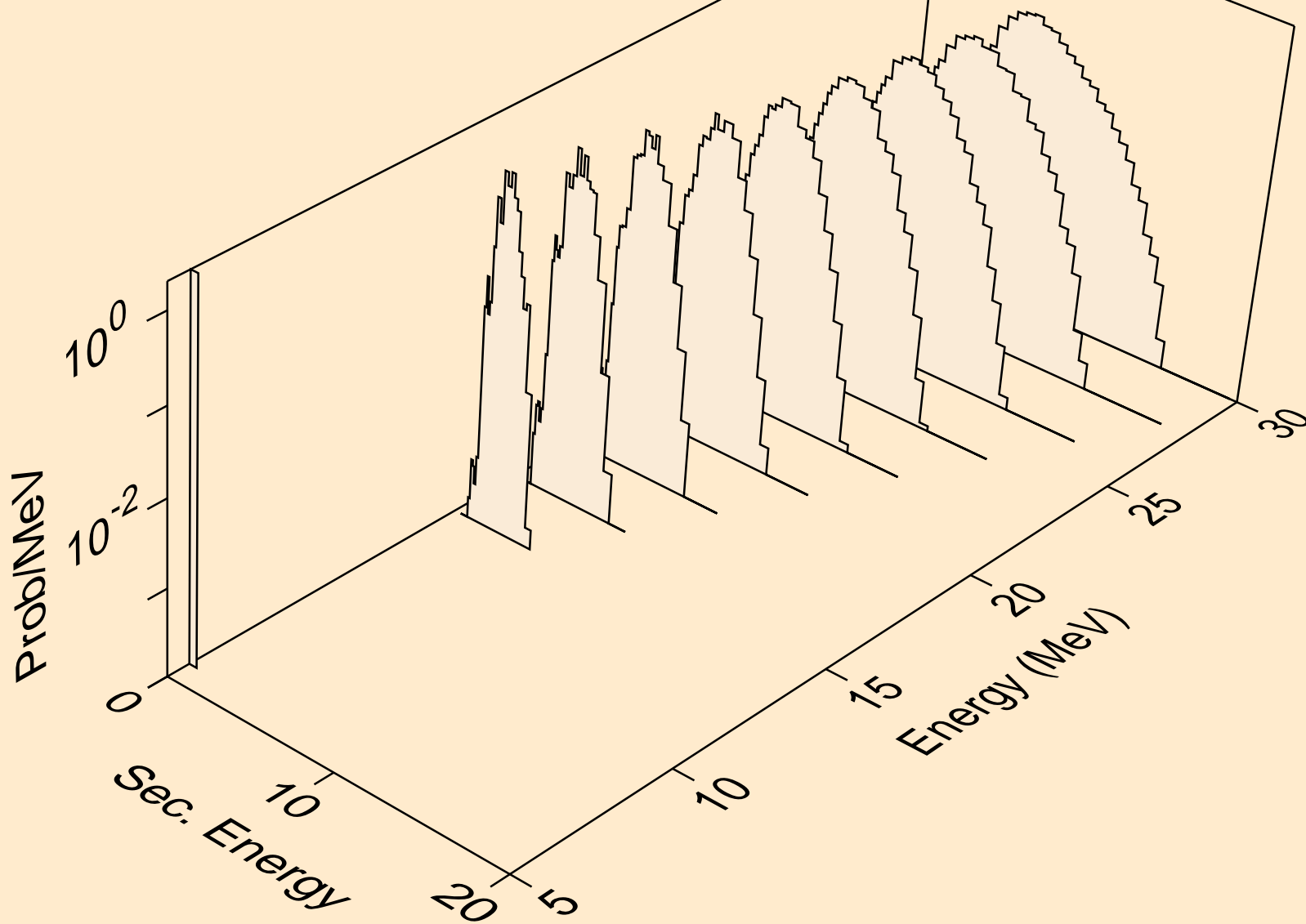
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



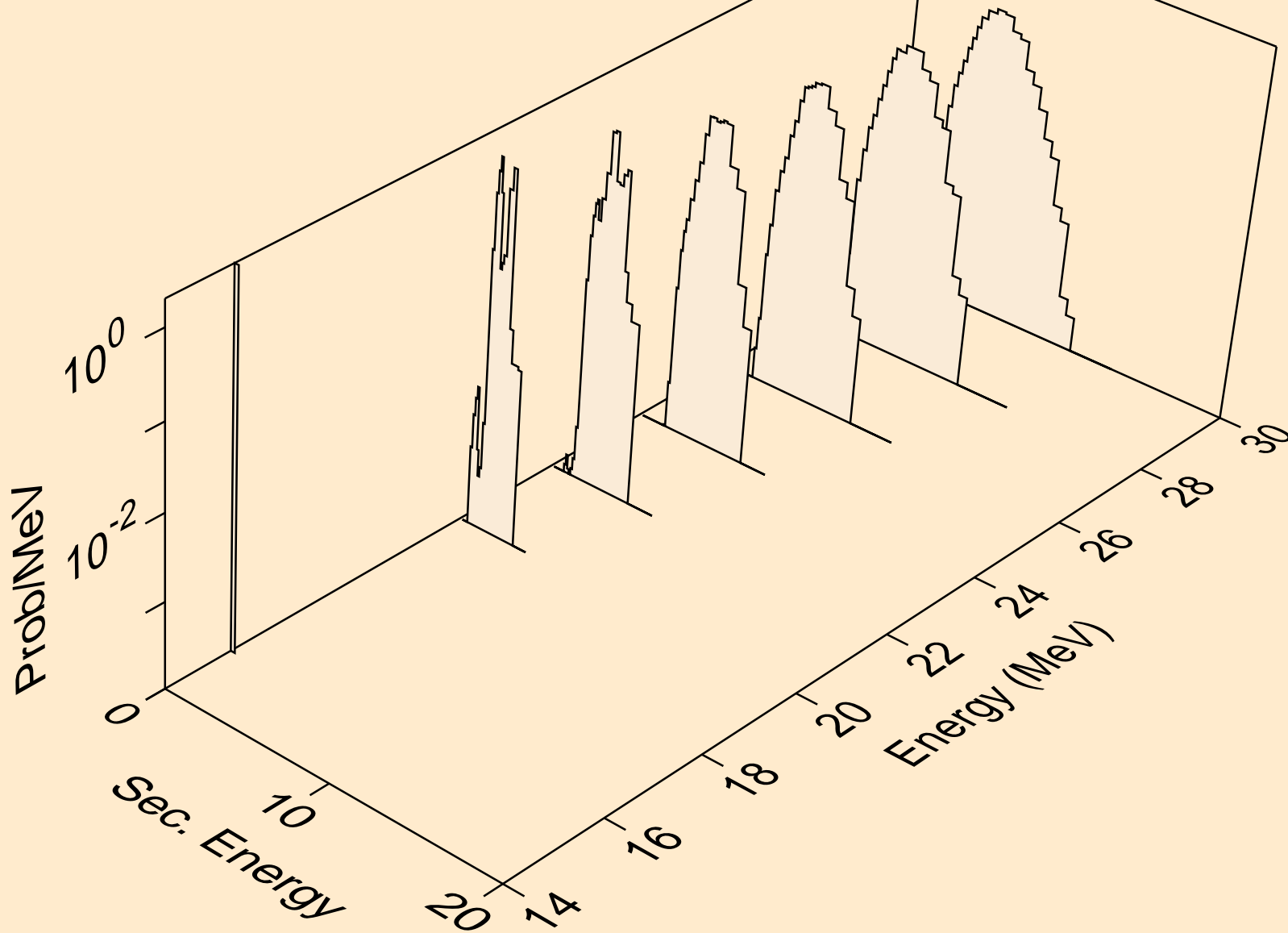
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



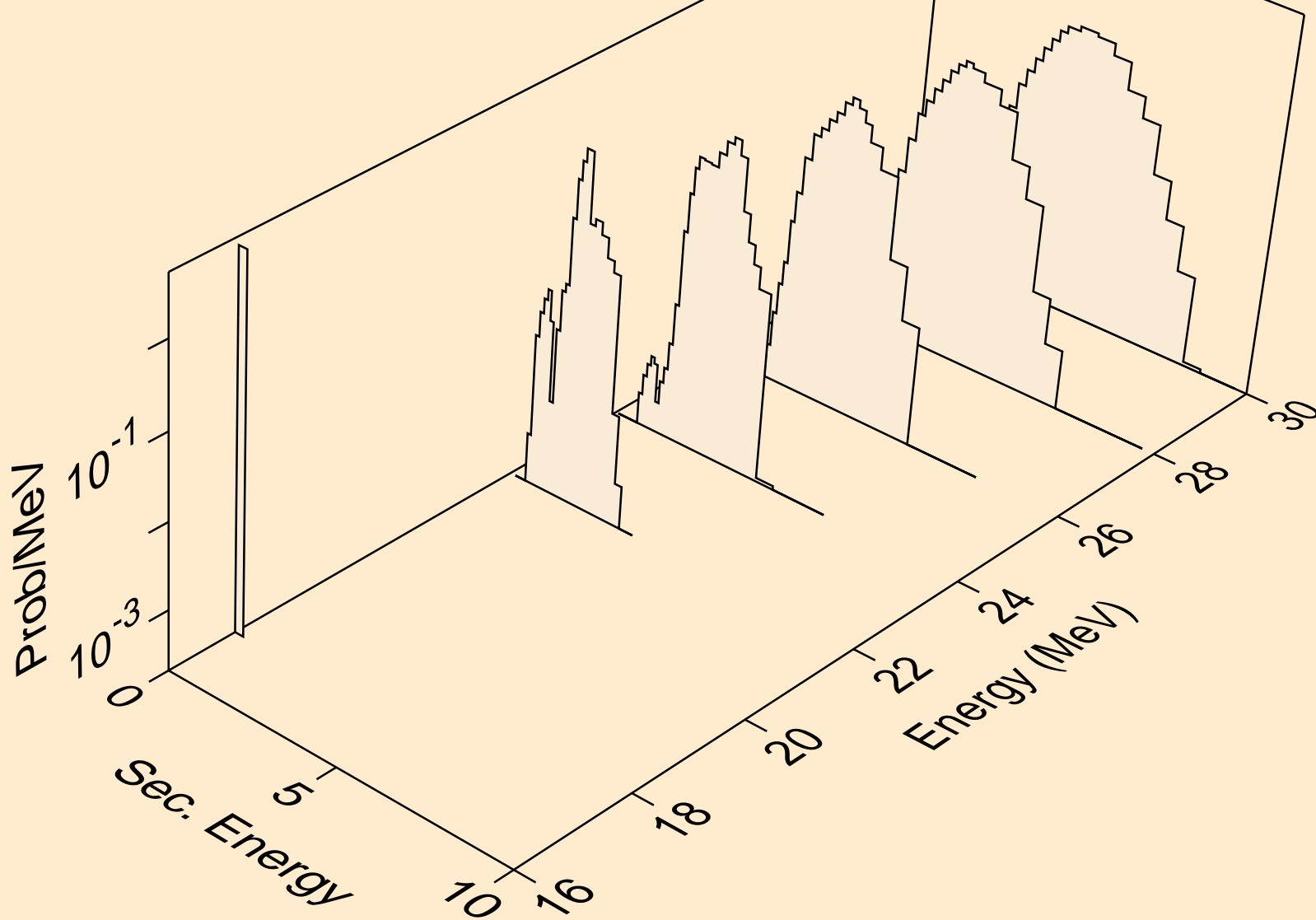
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pa)



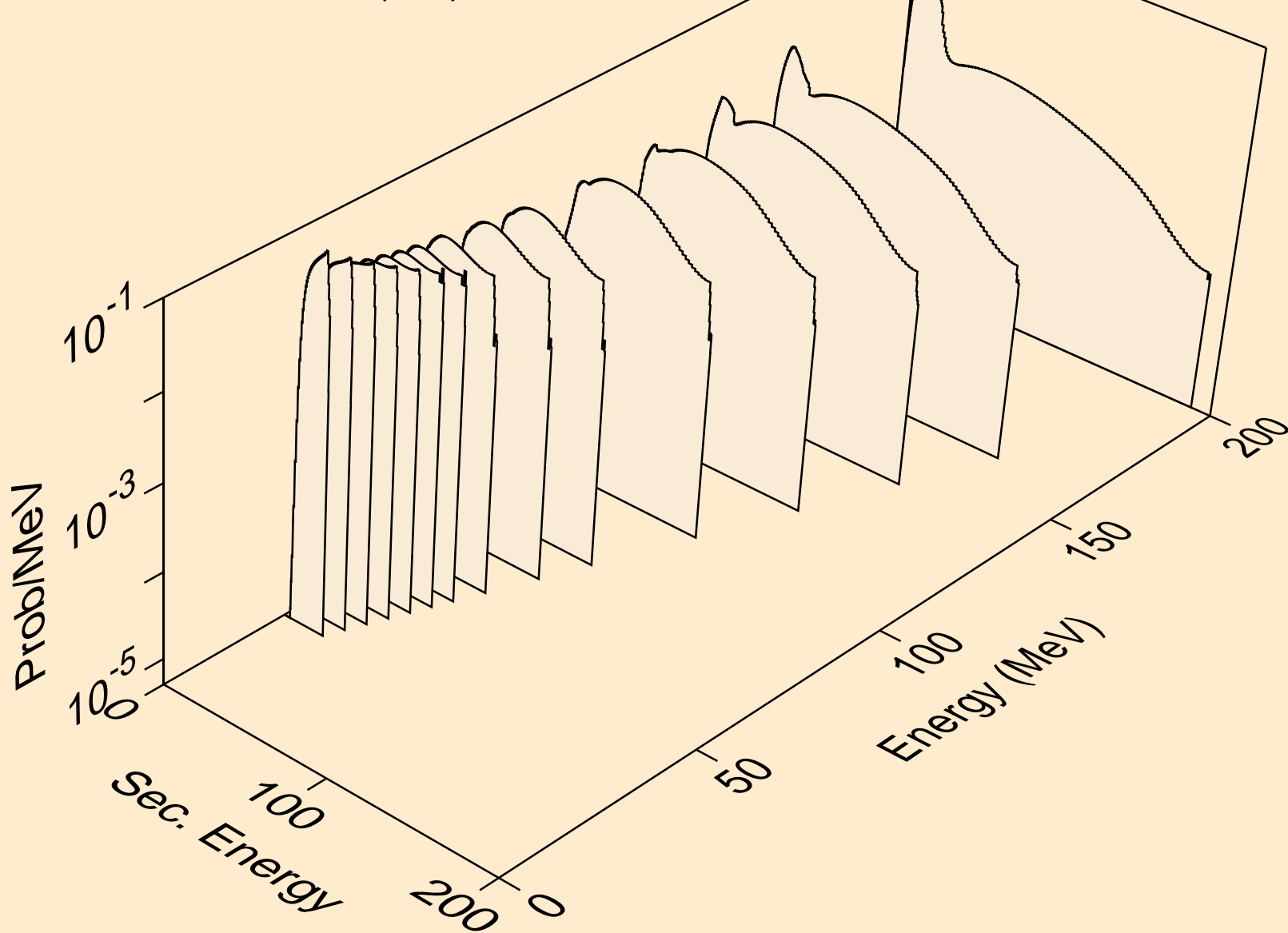
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



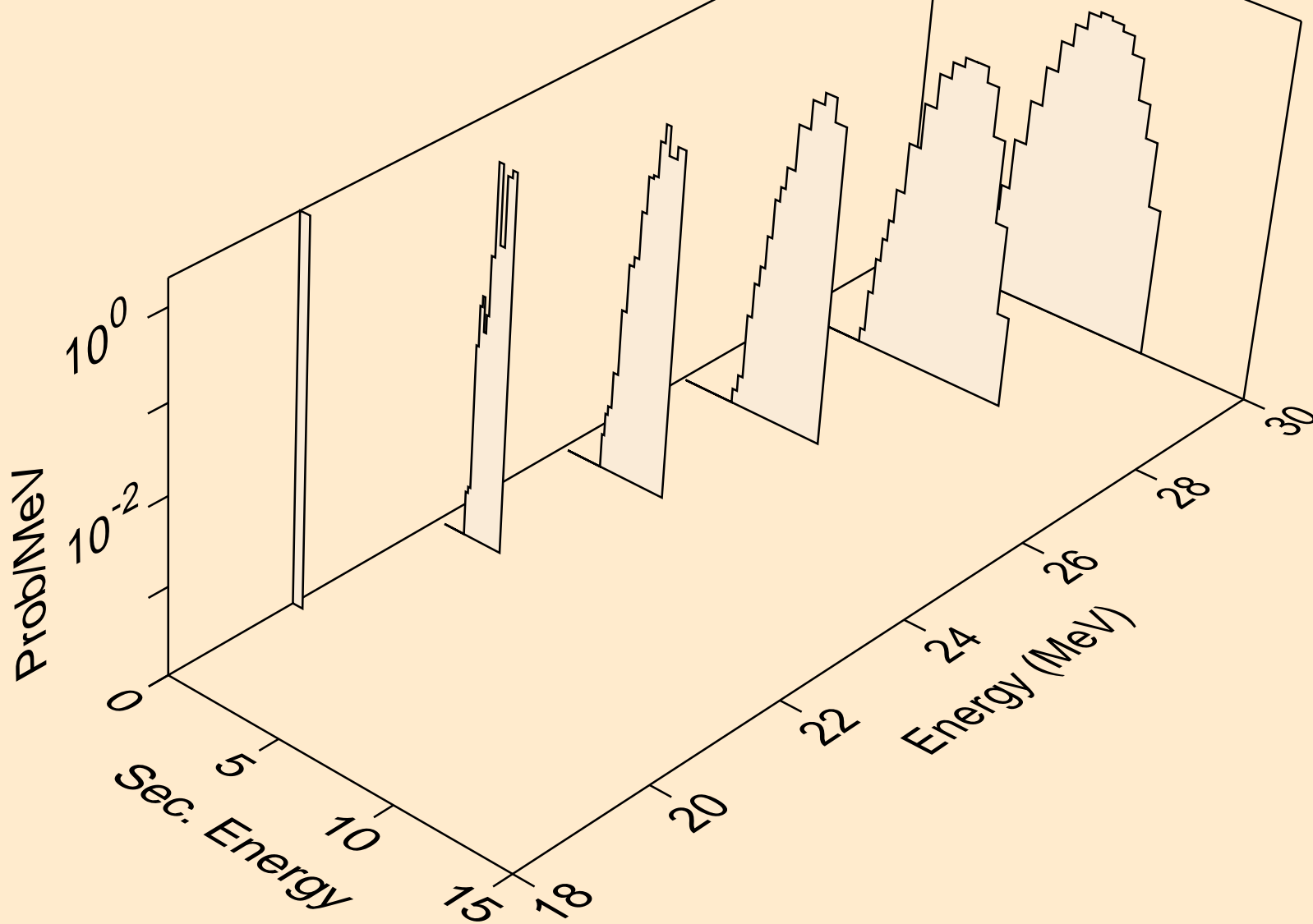
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



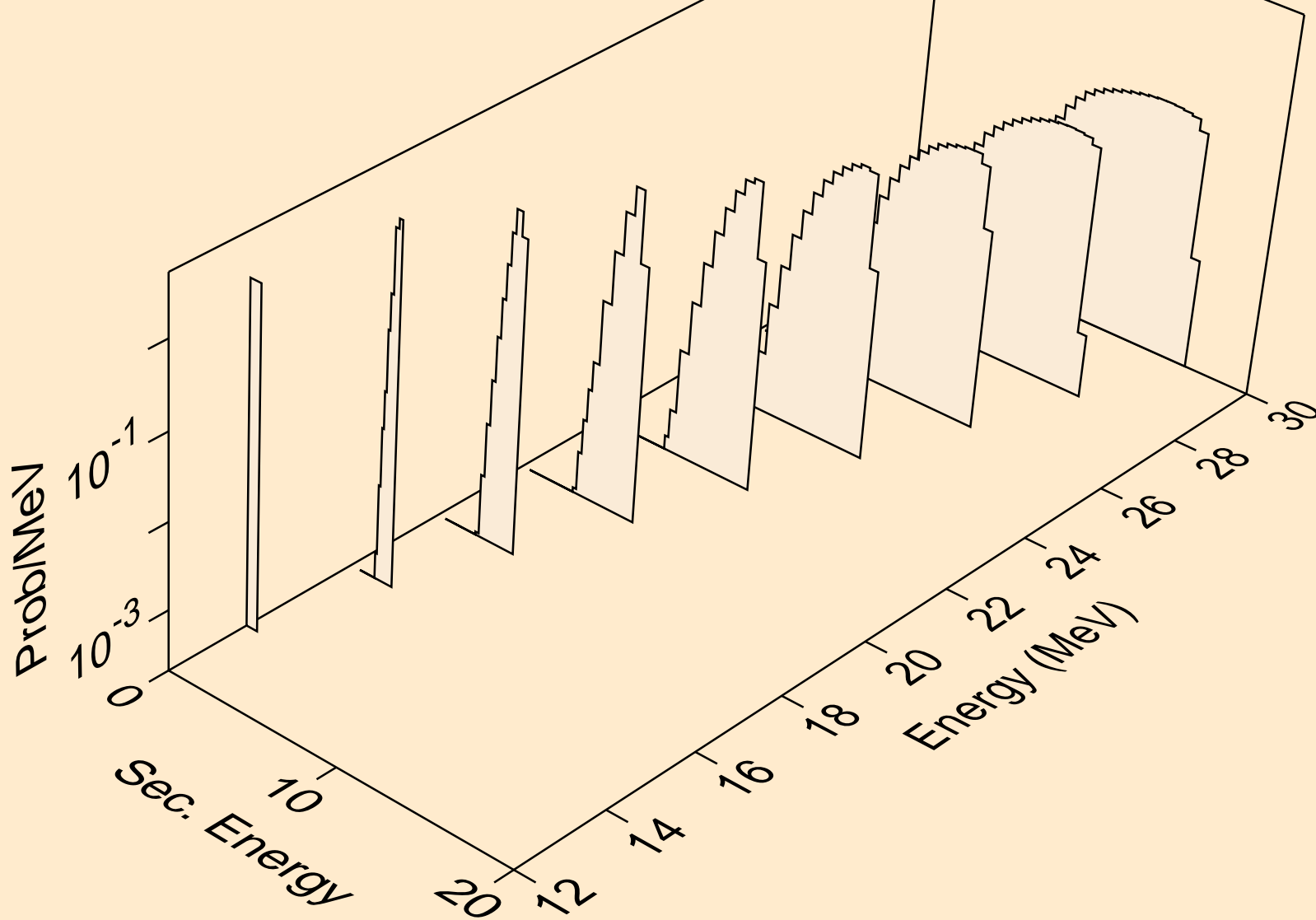
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



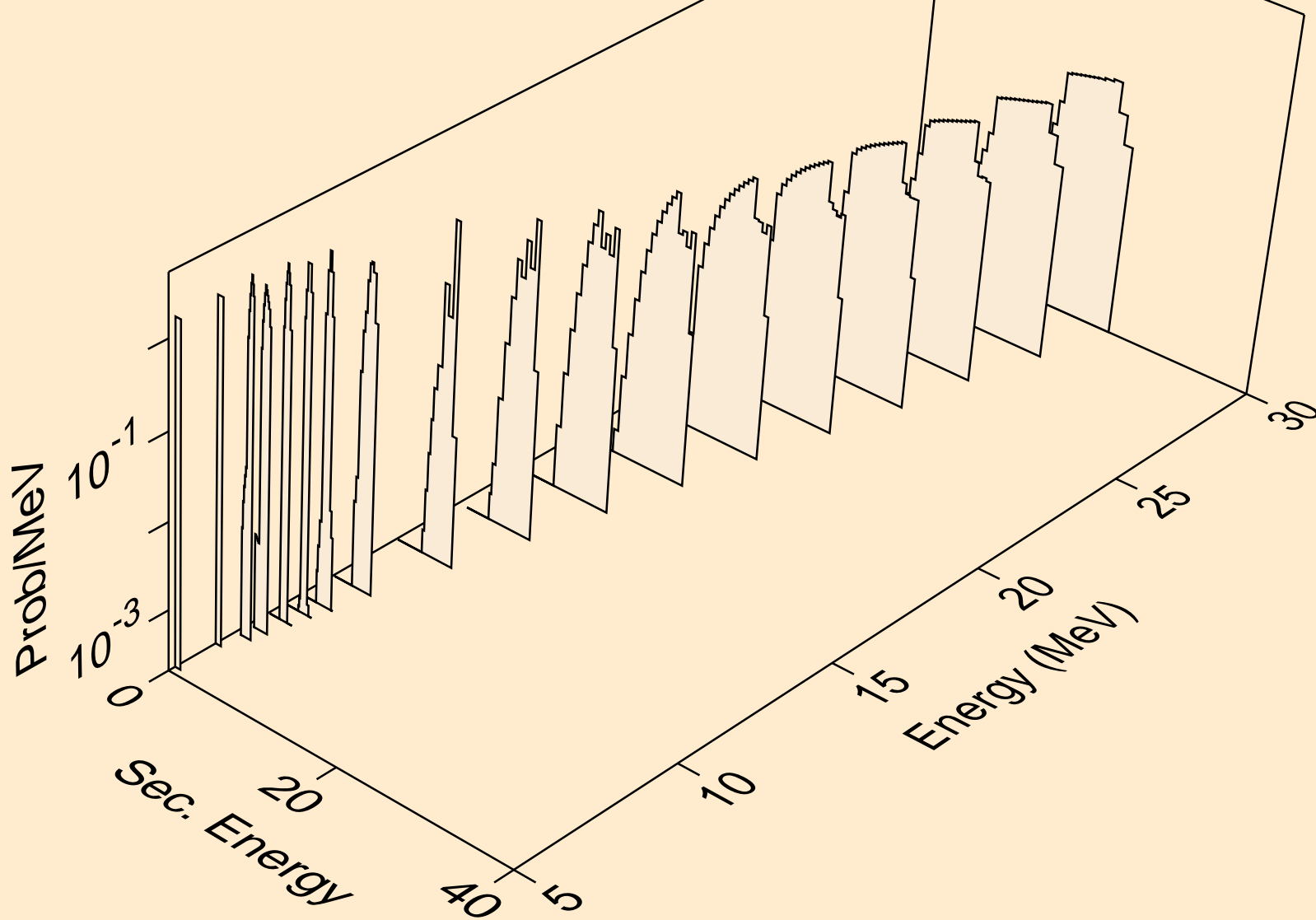
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



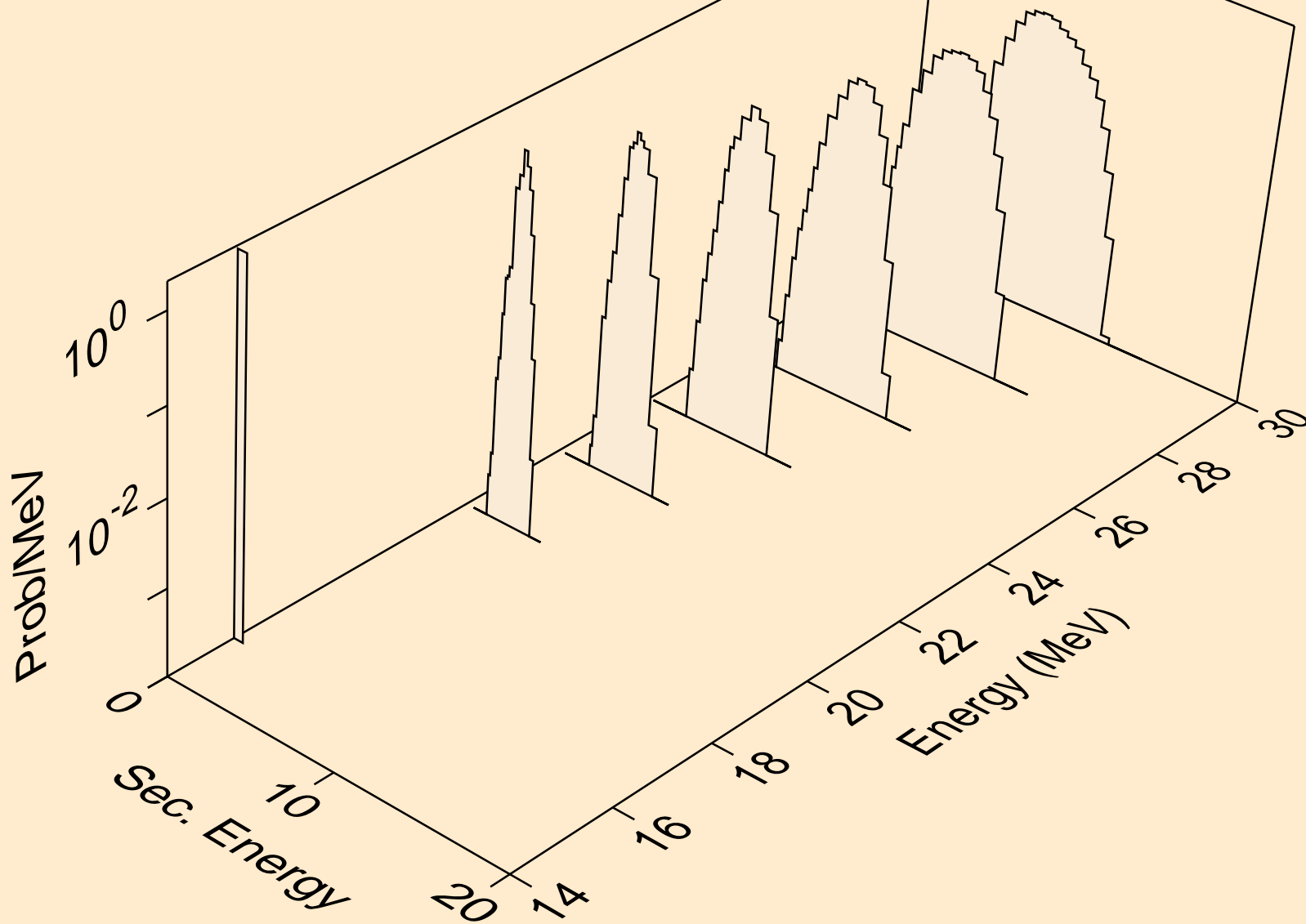
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



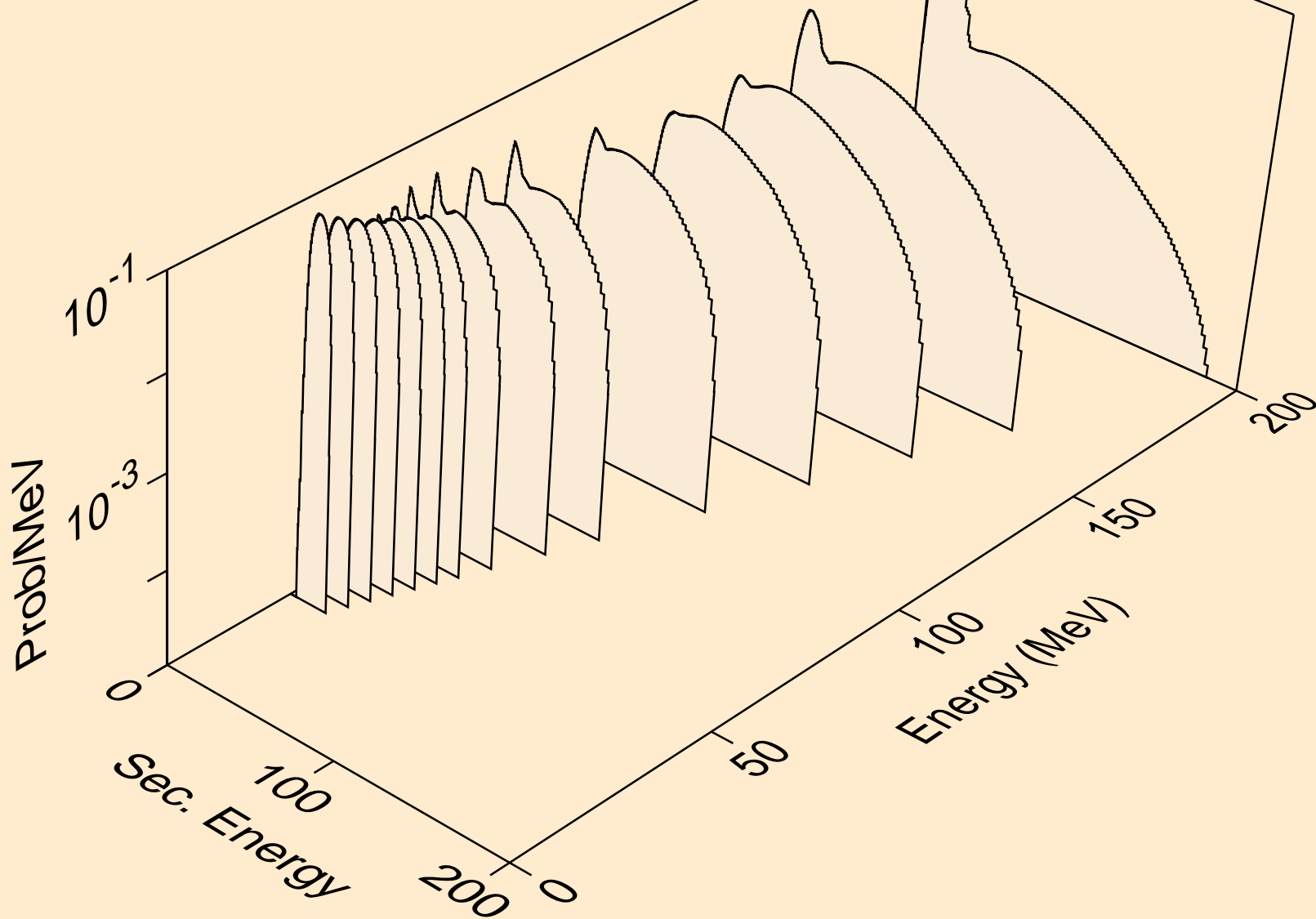
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



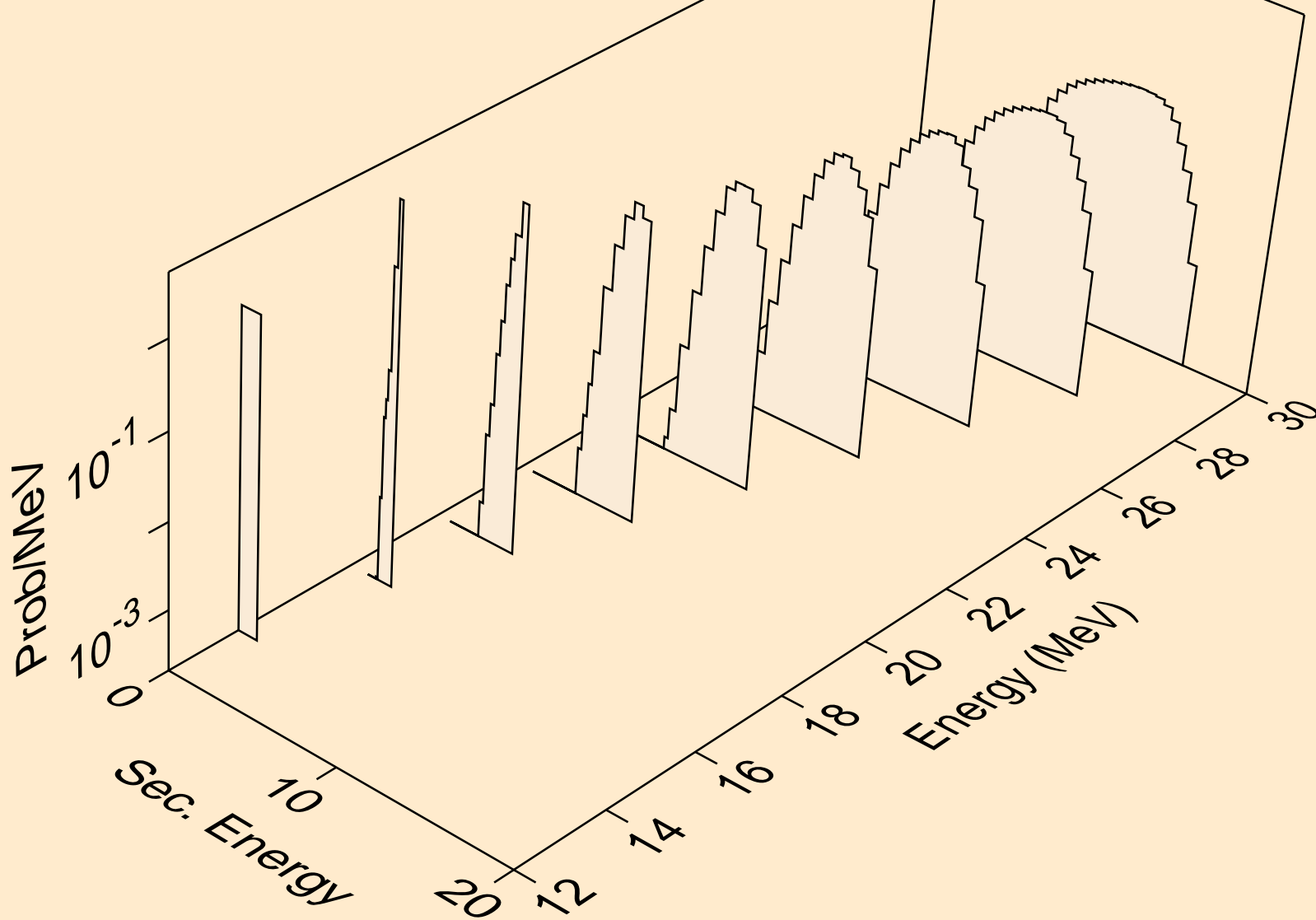
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



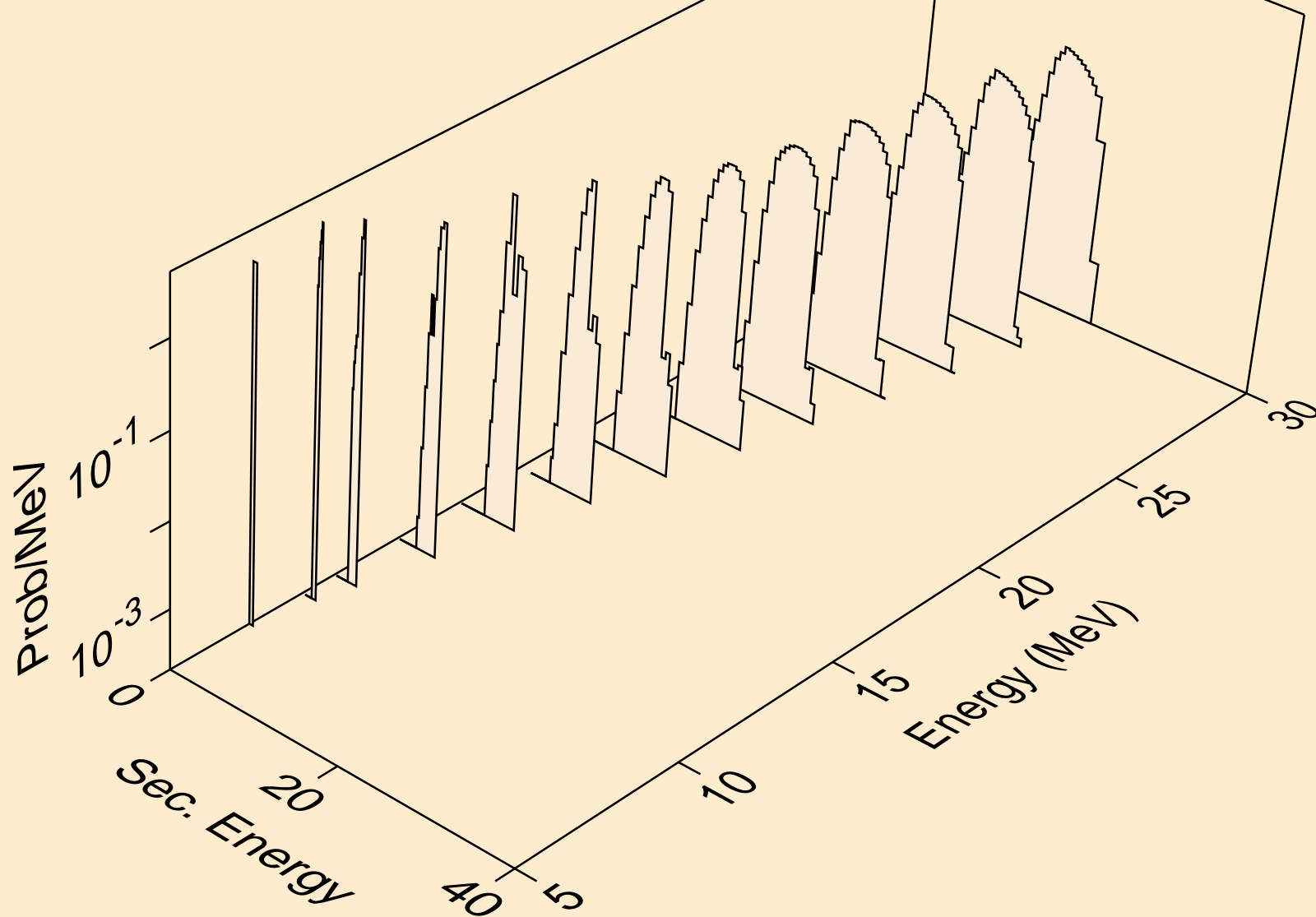
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



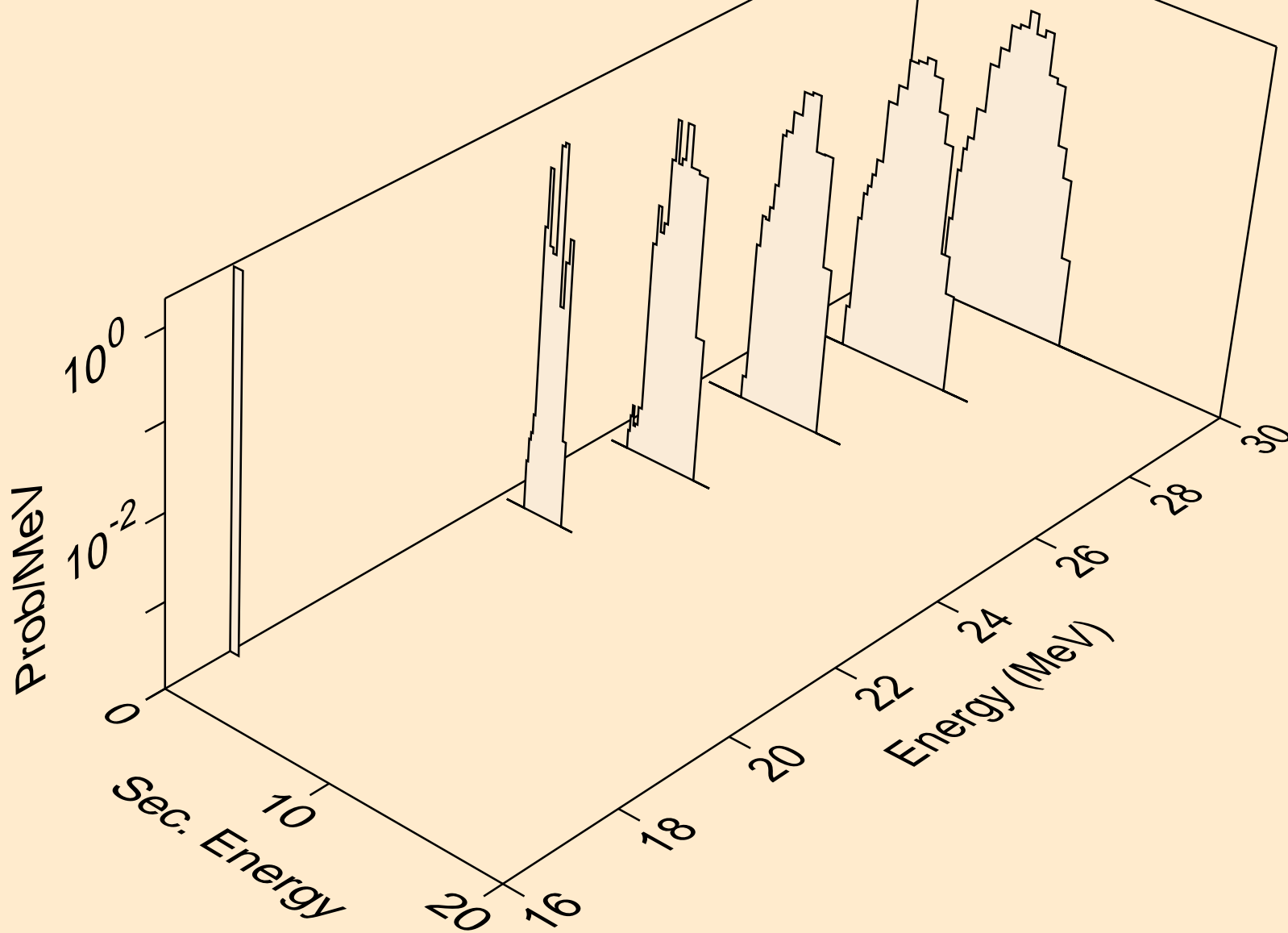
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



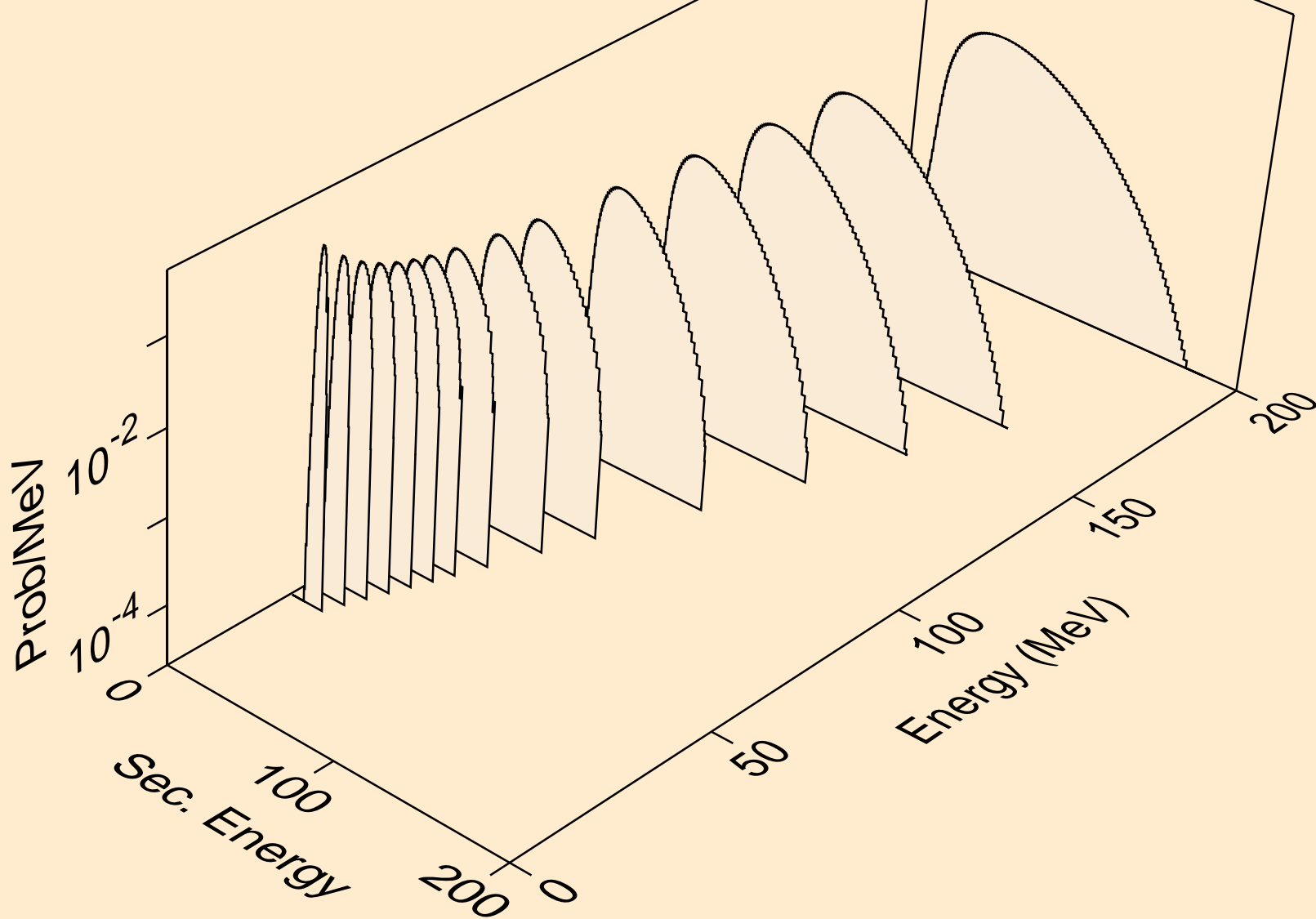
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



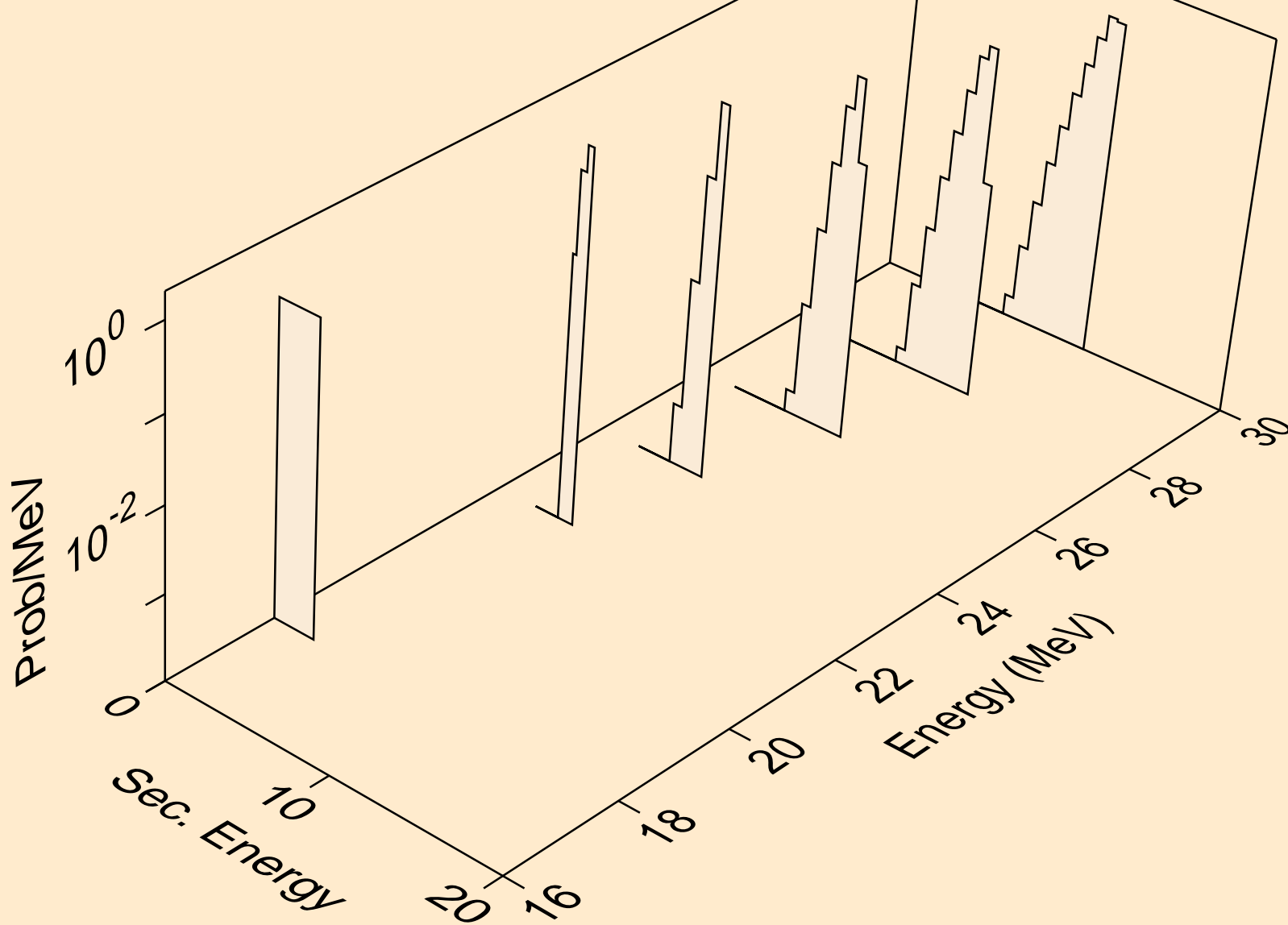
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



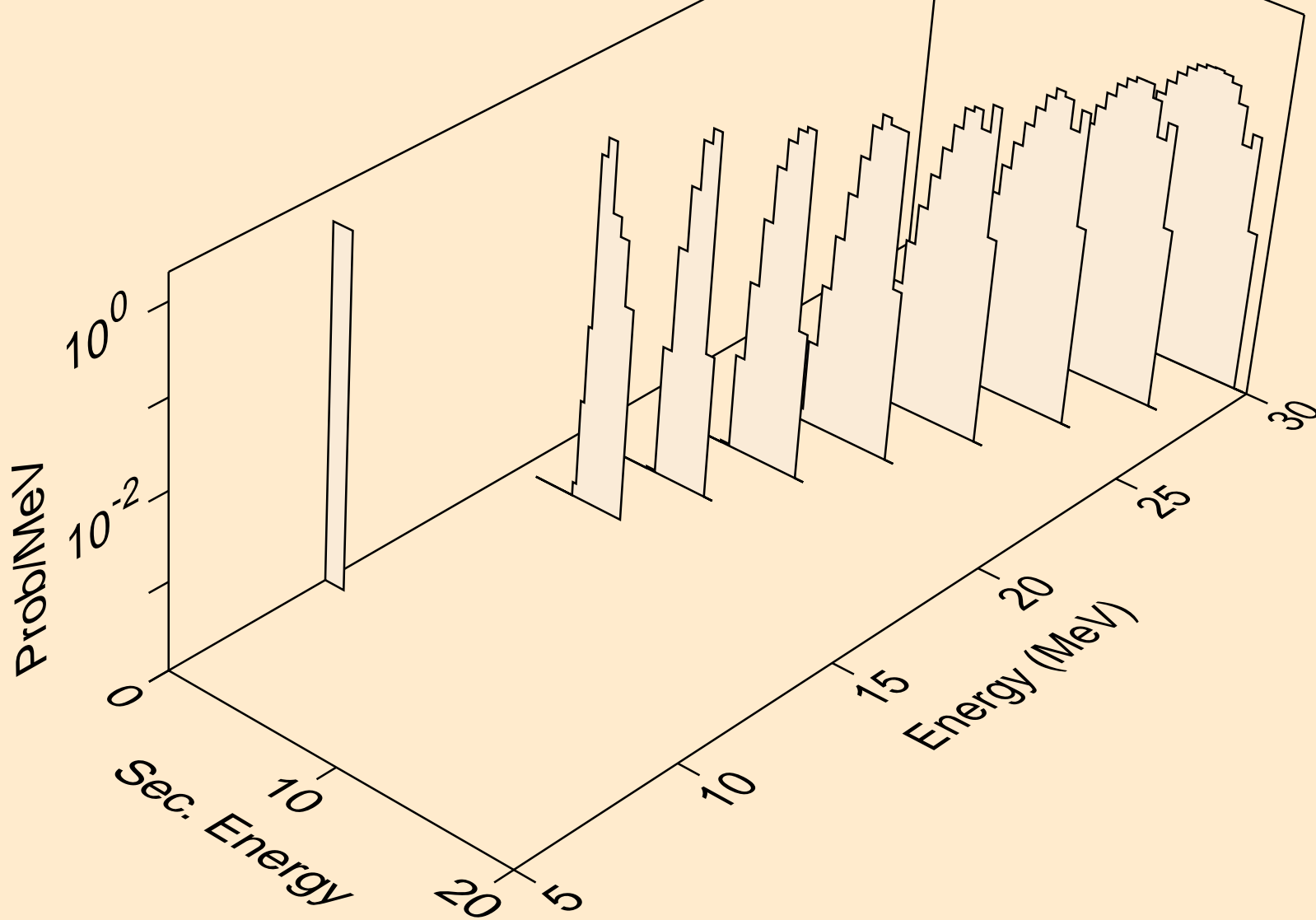
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



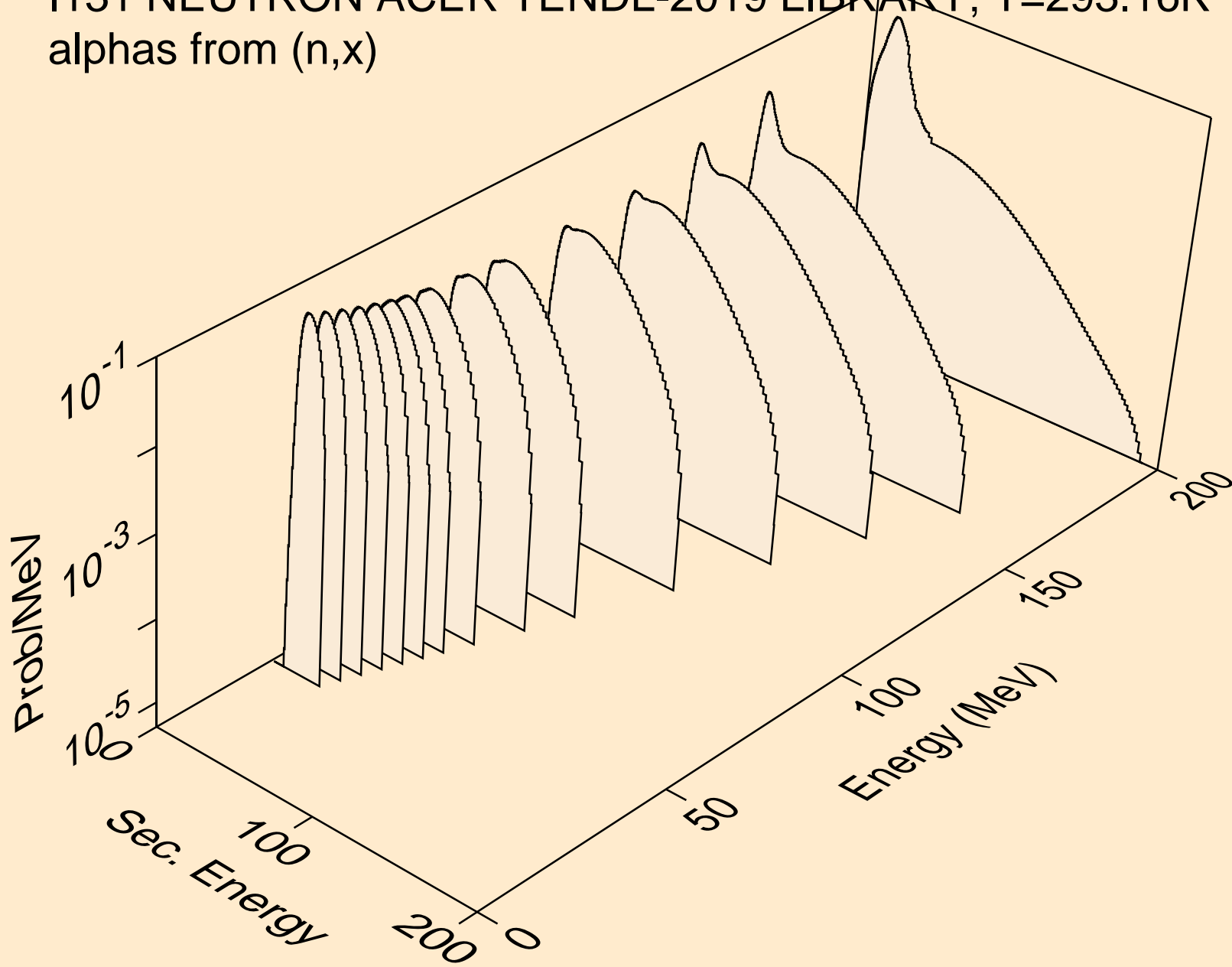
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



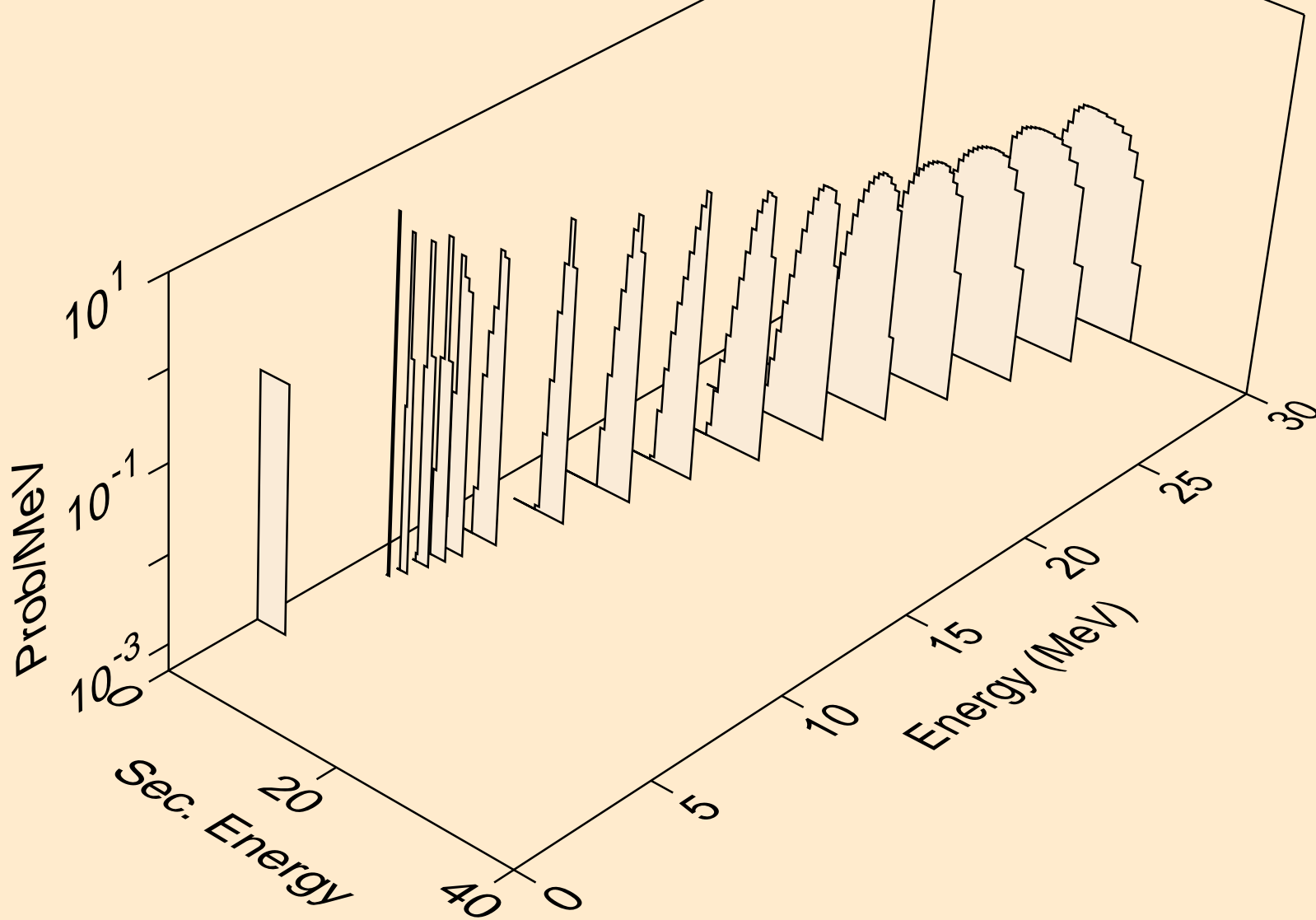
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



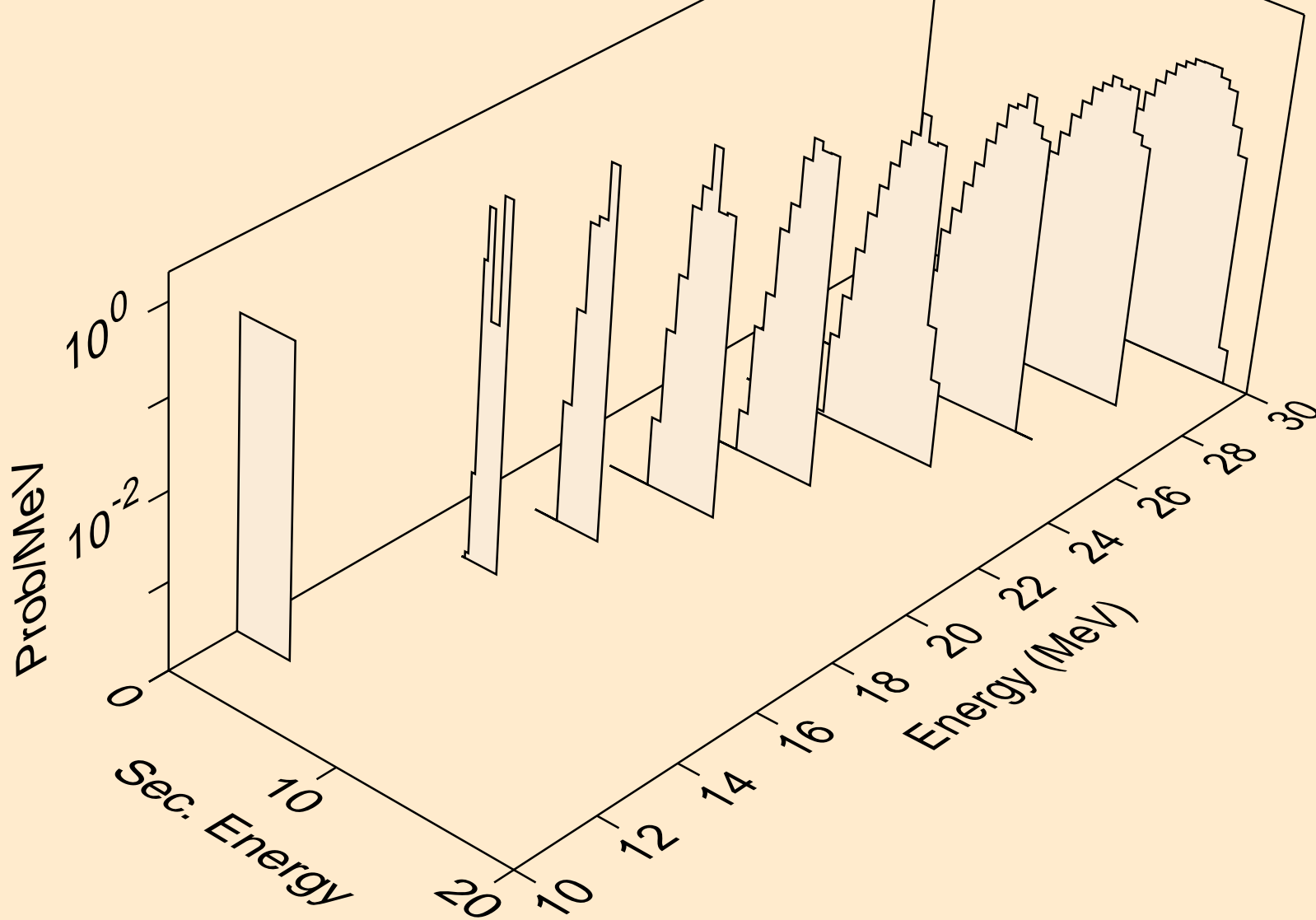
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



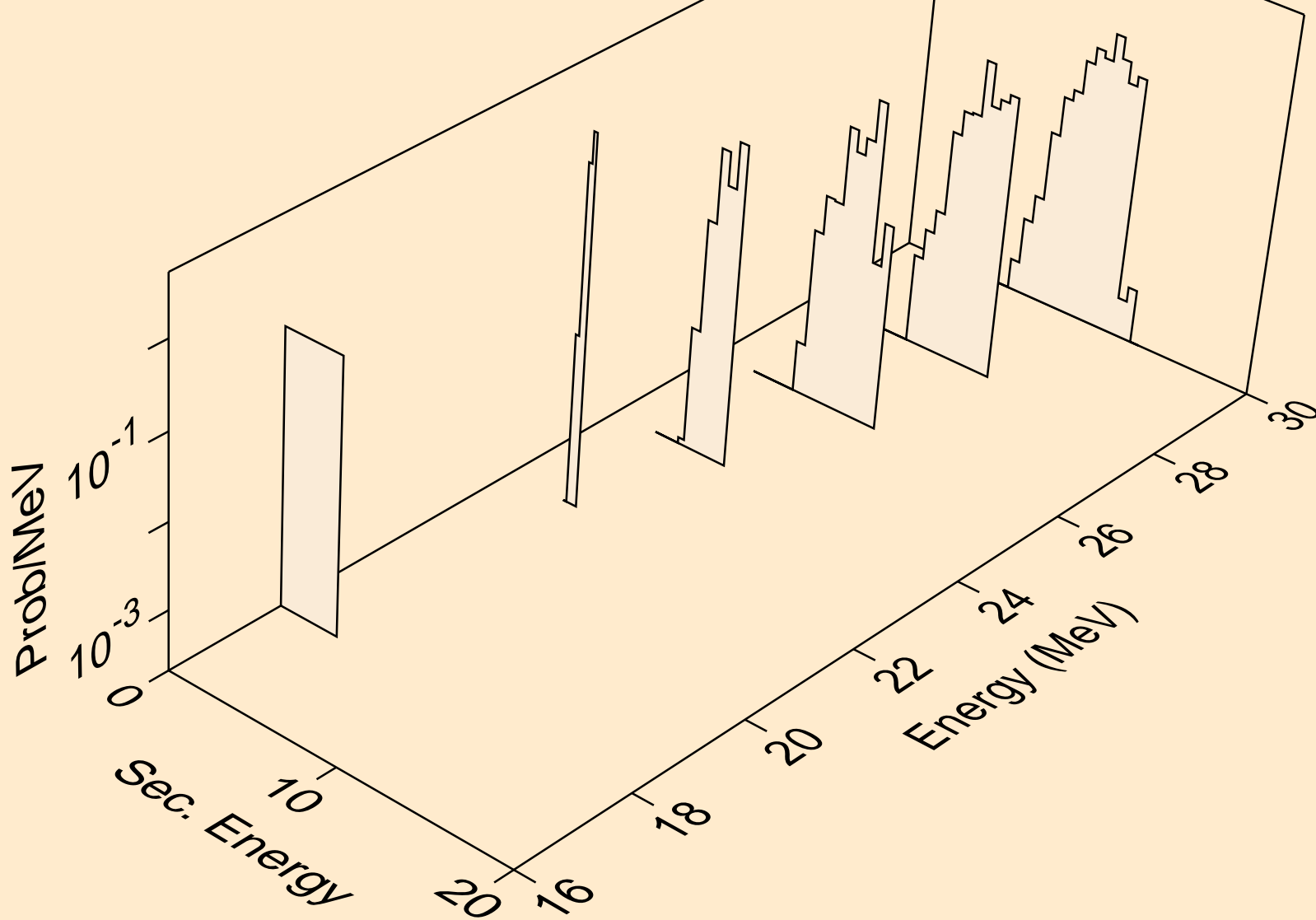
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



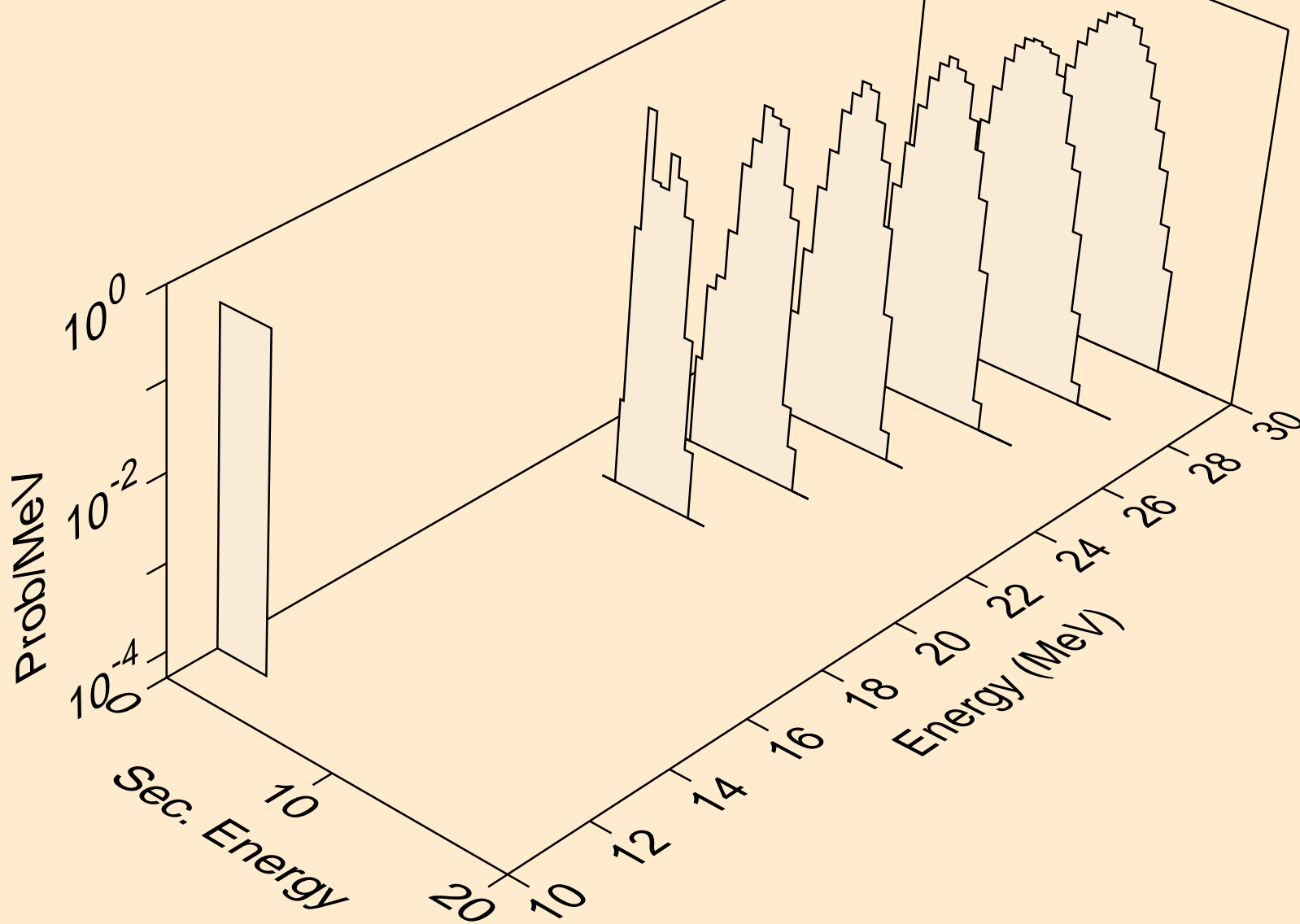
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



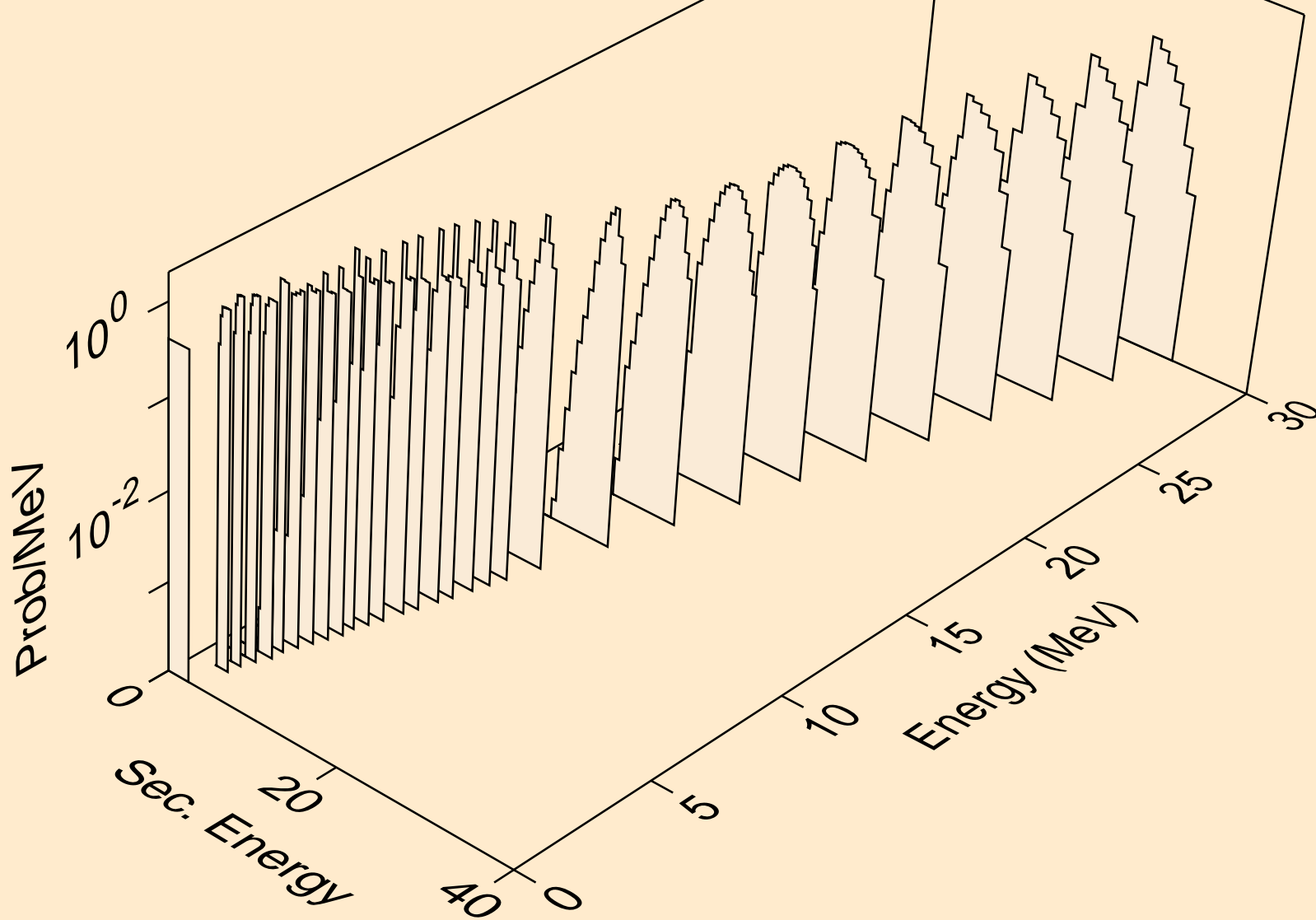
I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



I131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)

