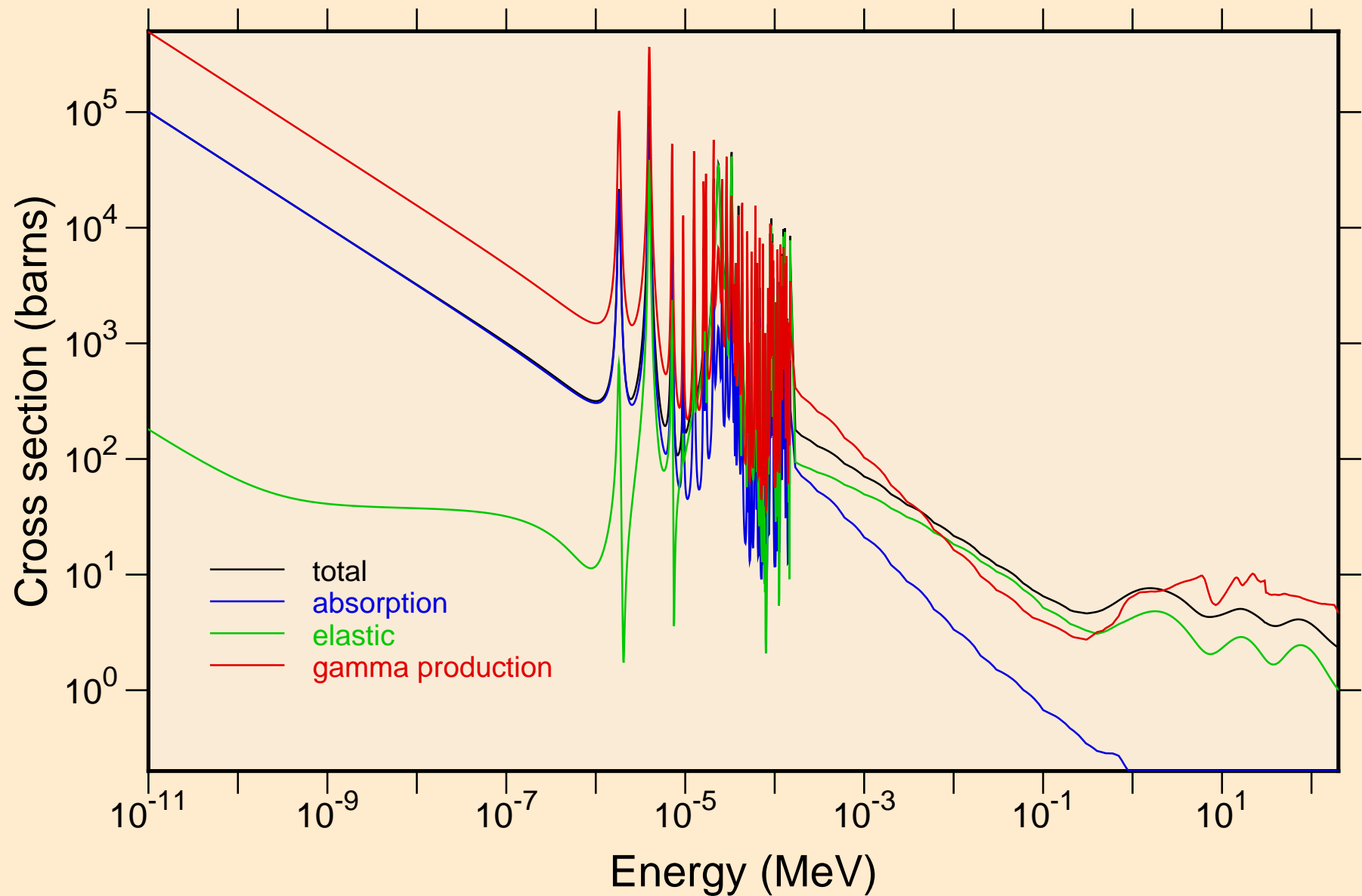
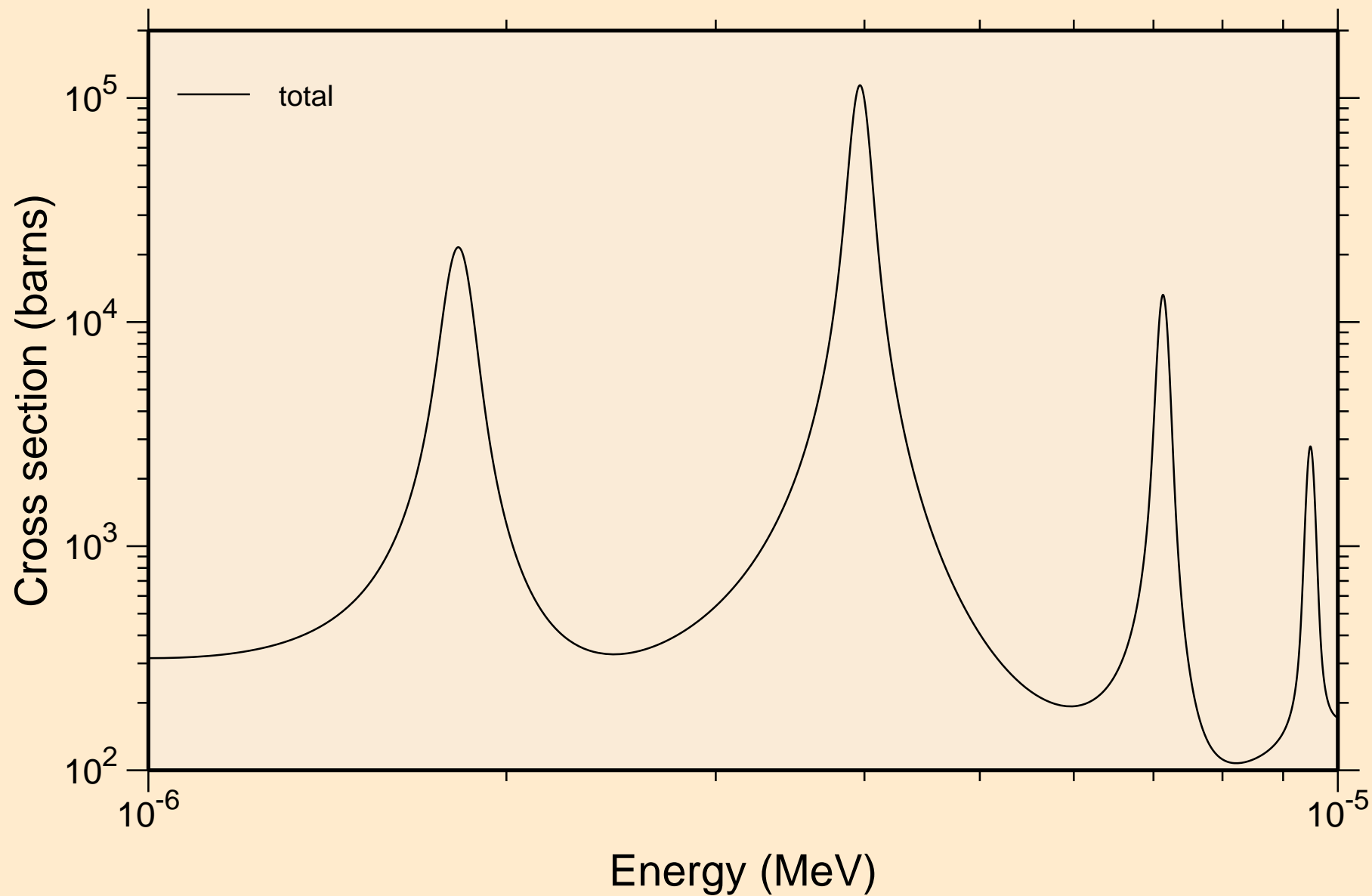


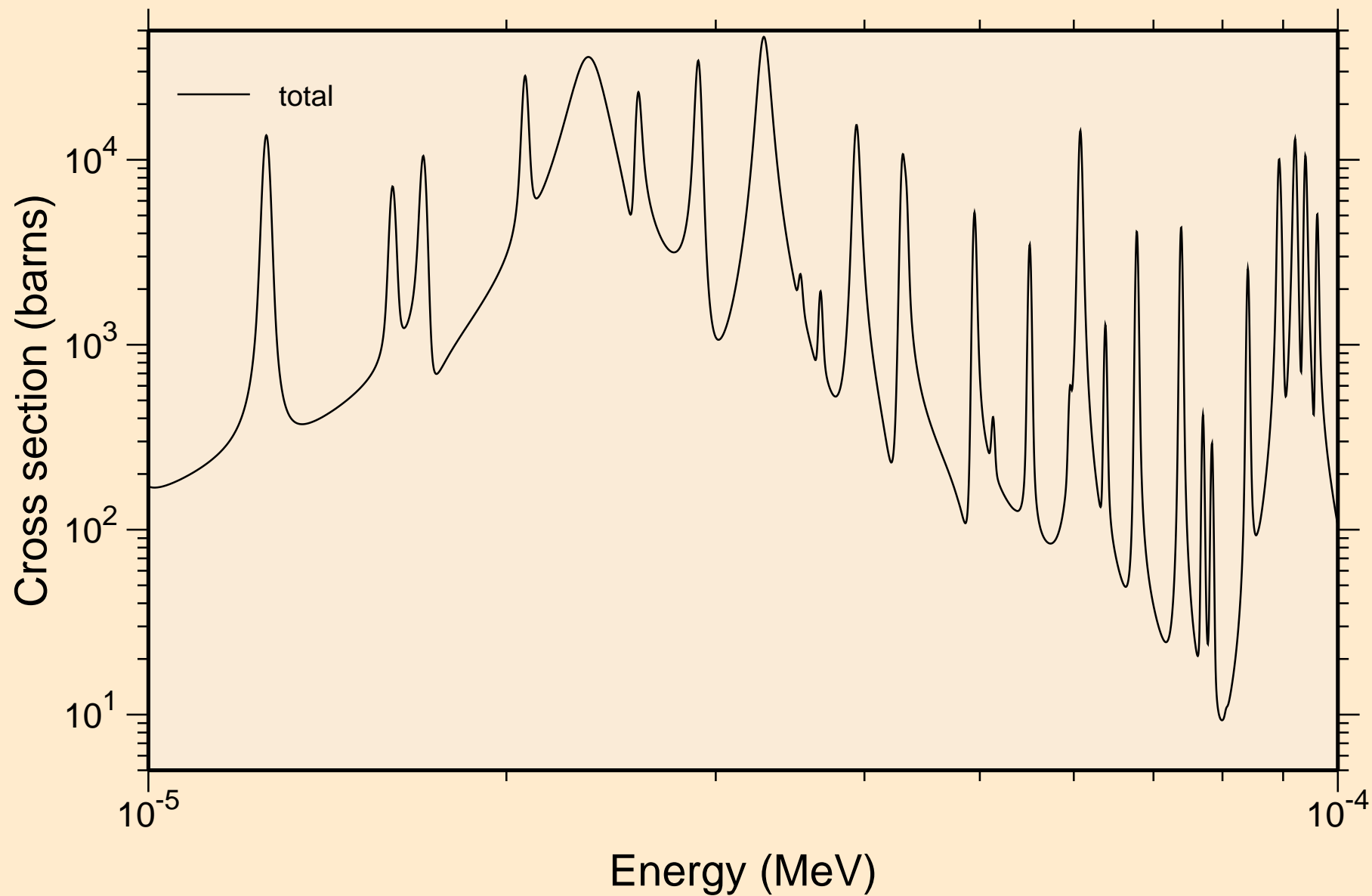
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



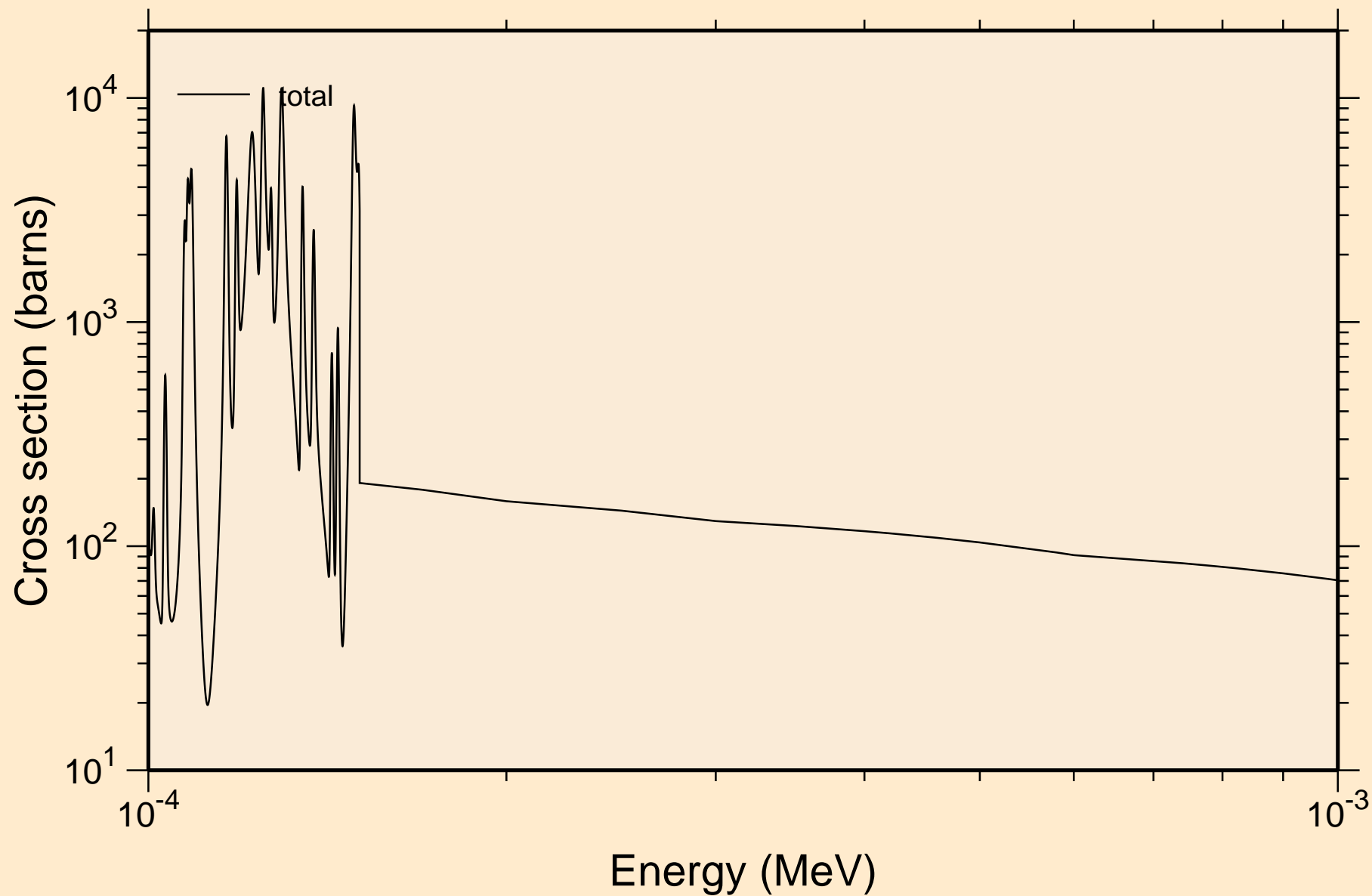
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resonance total cross section



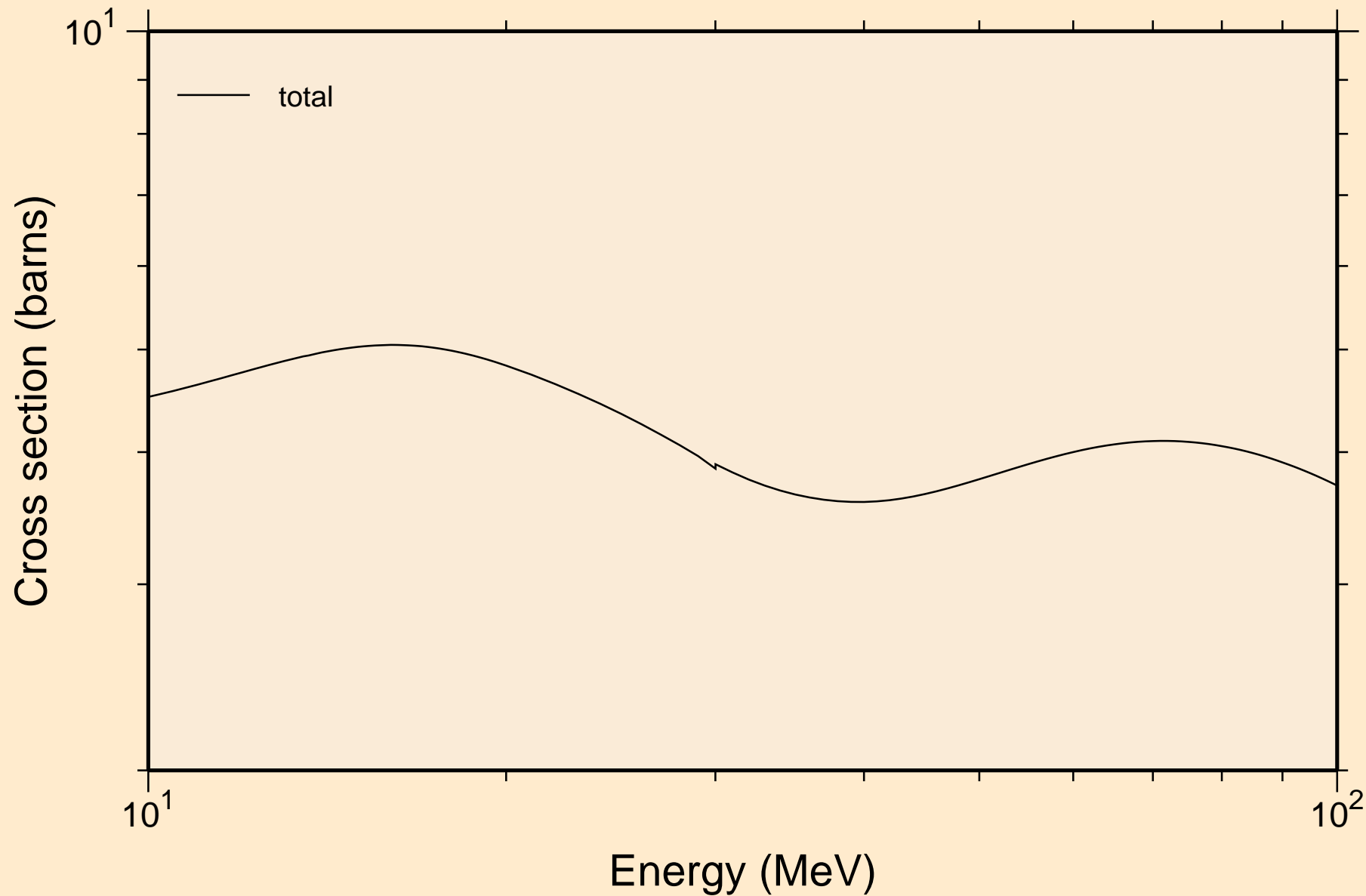
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resonance total cross section



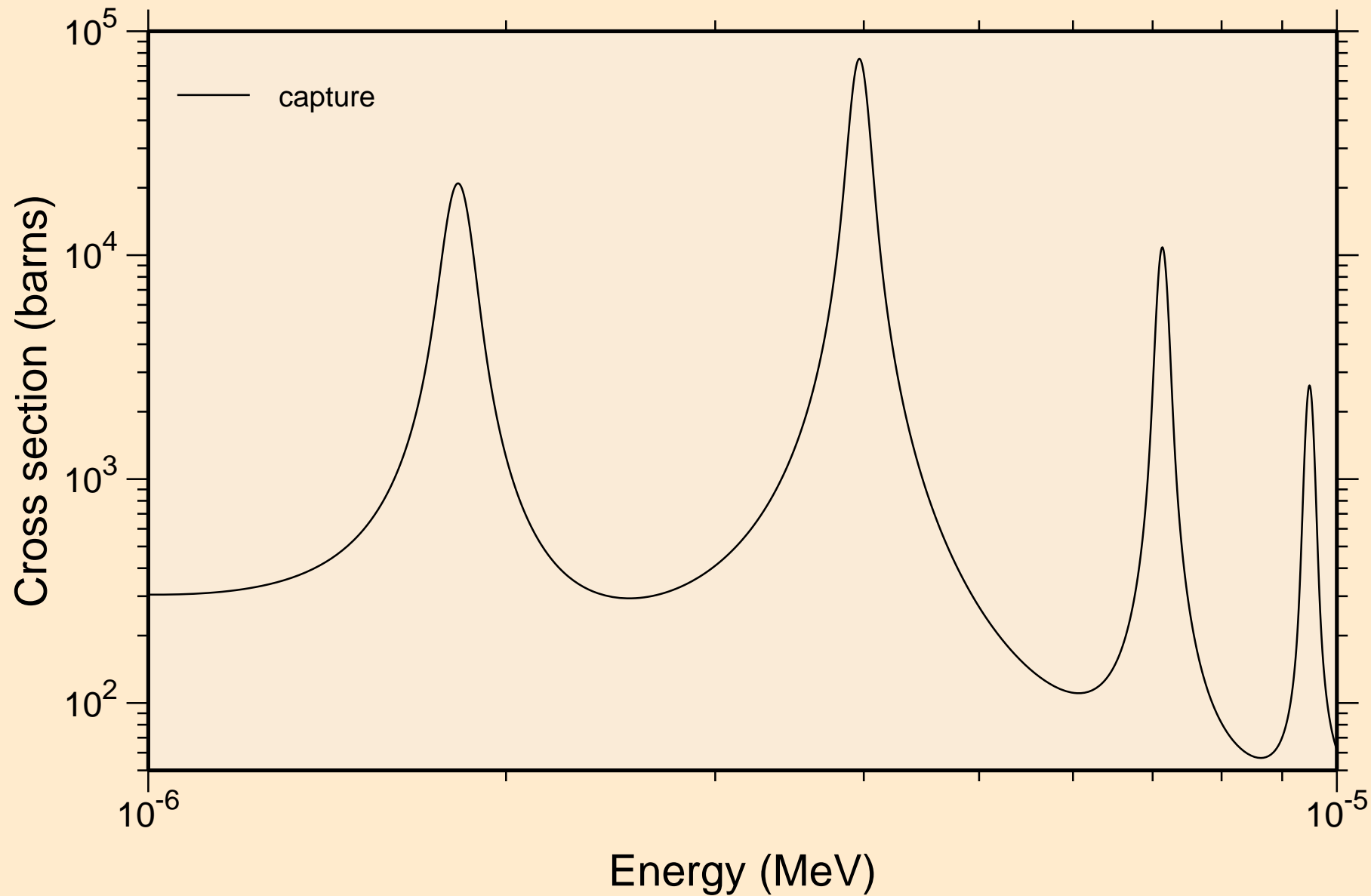
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resonance total cross section



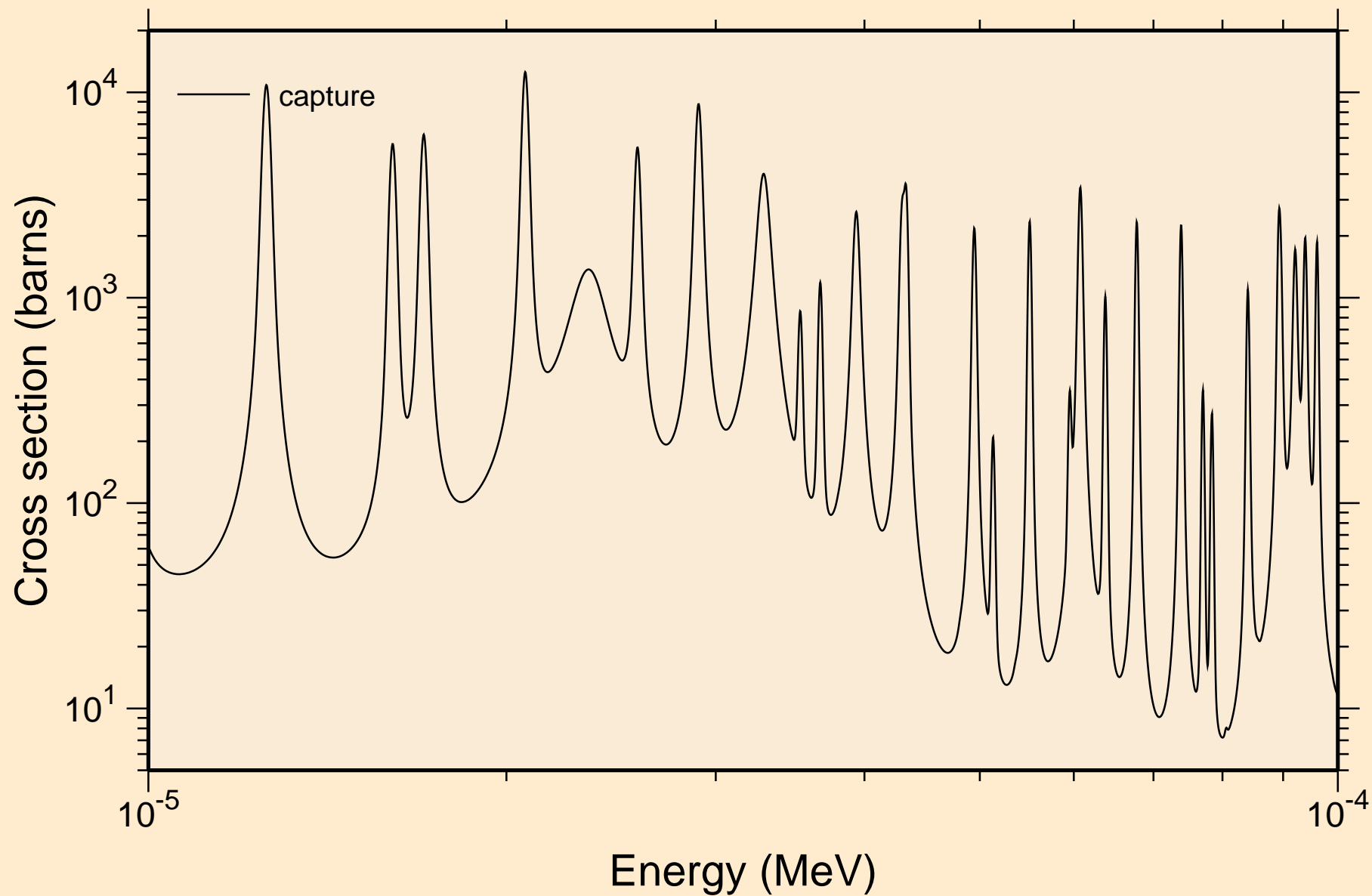
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resonance total cross section



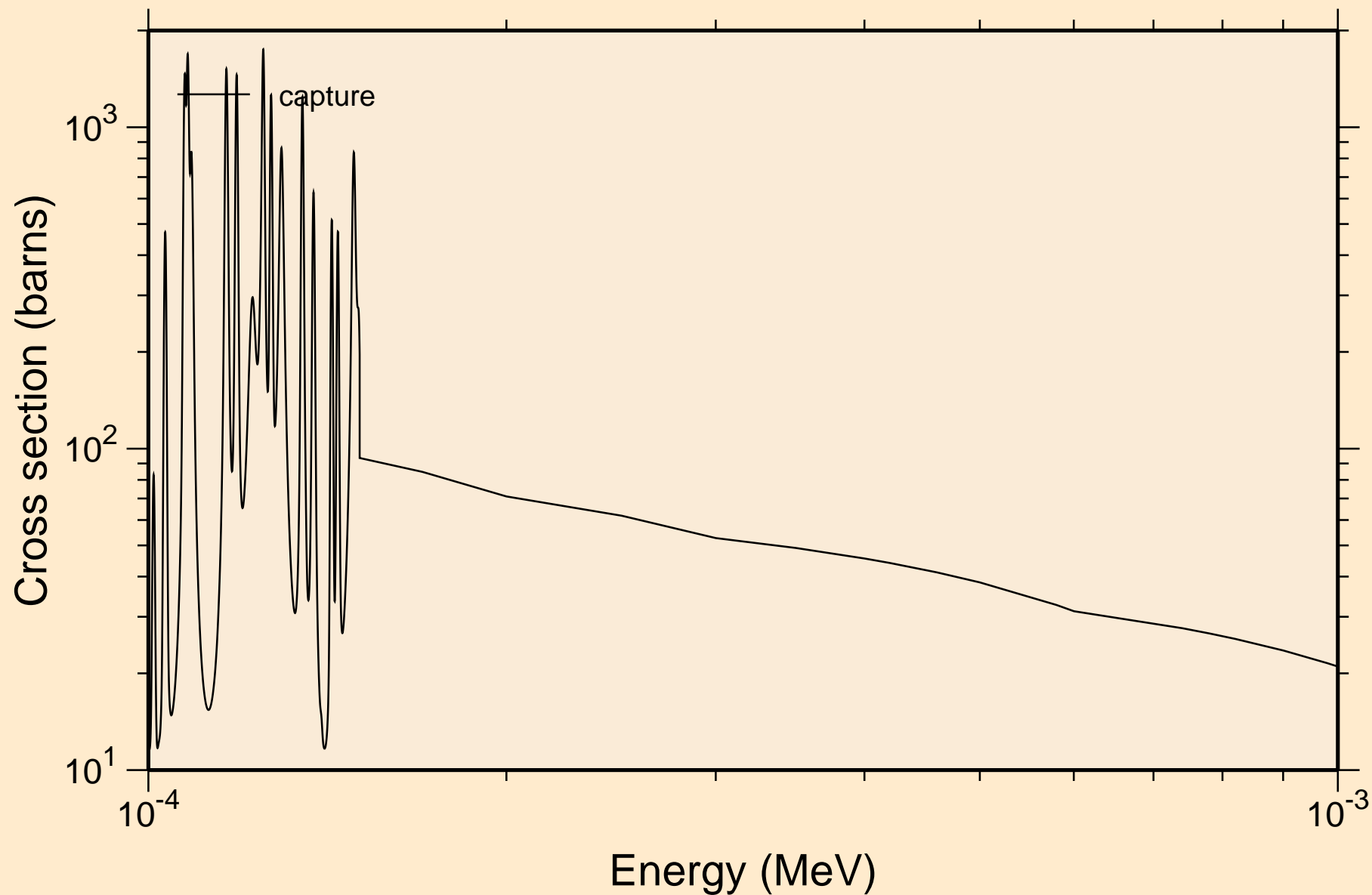
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



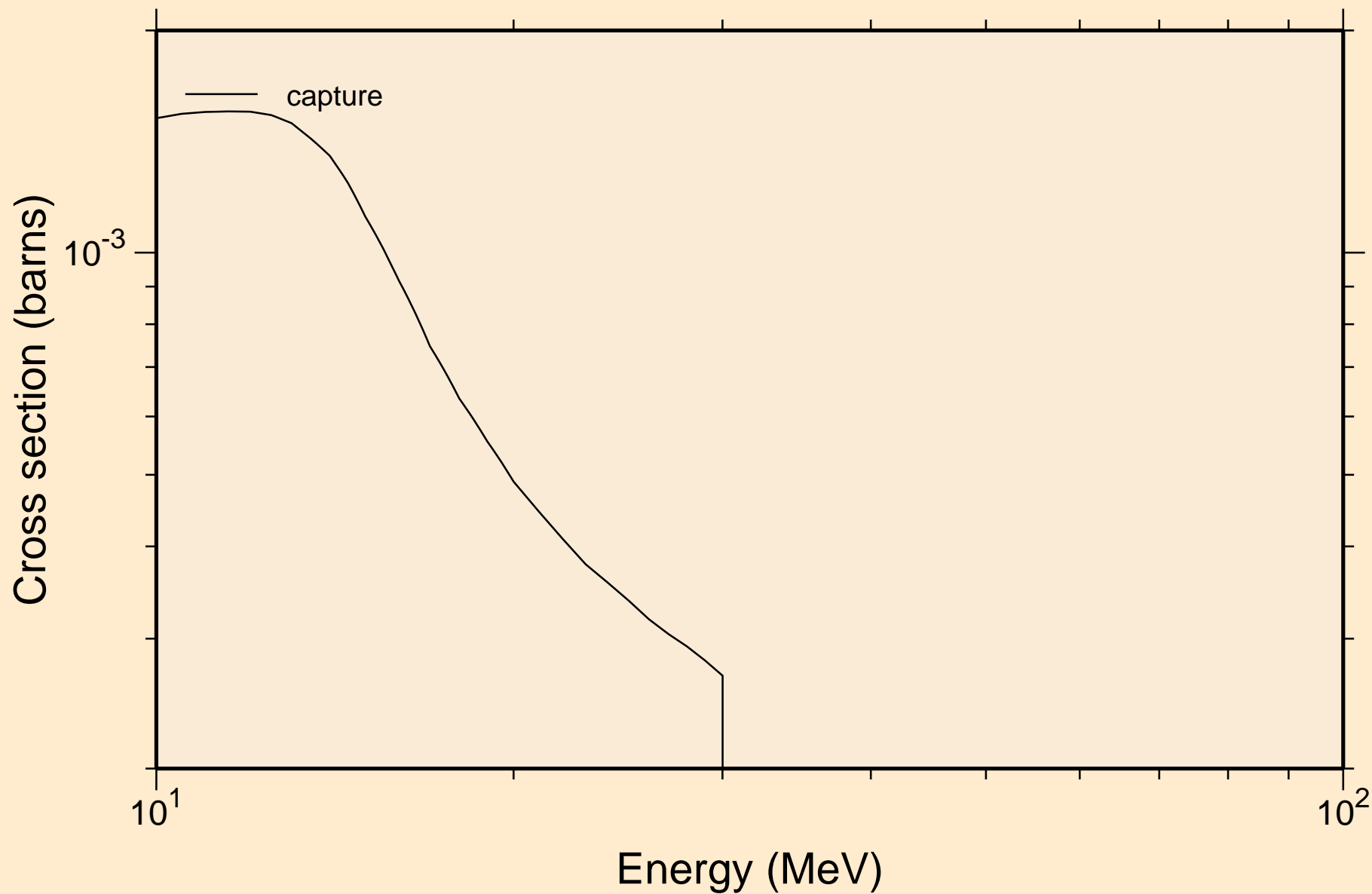
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resonance absorption cross sections



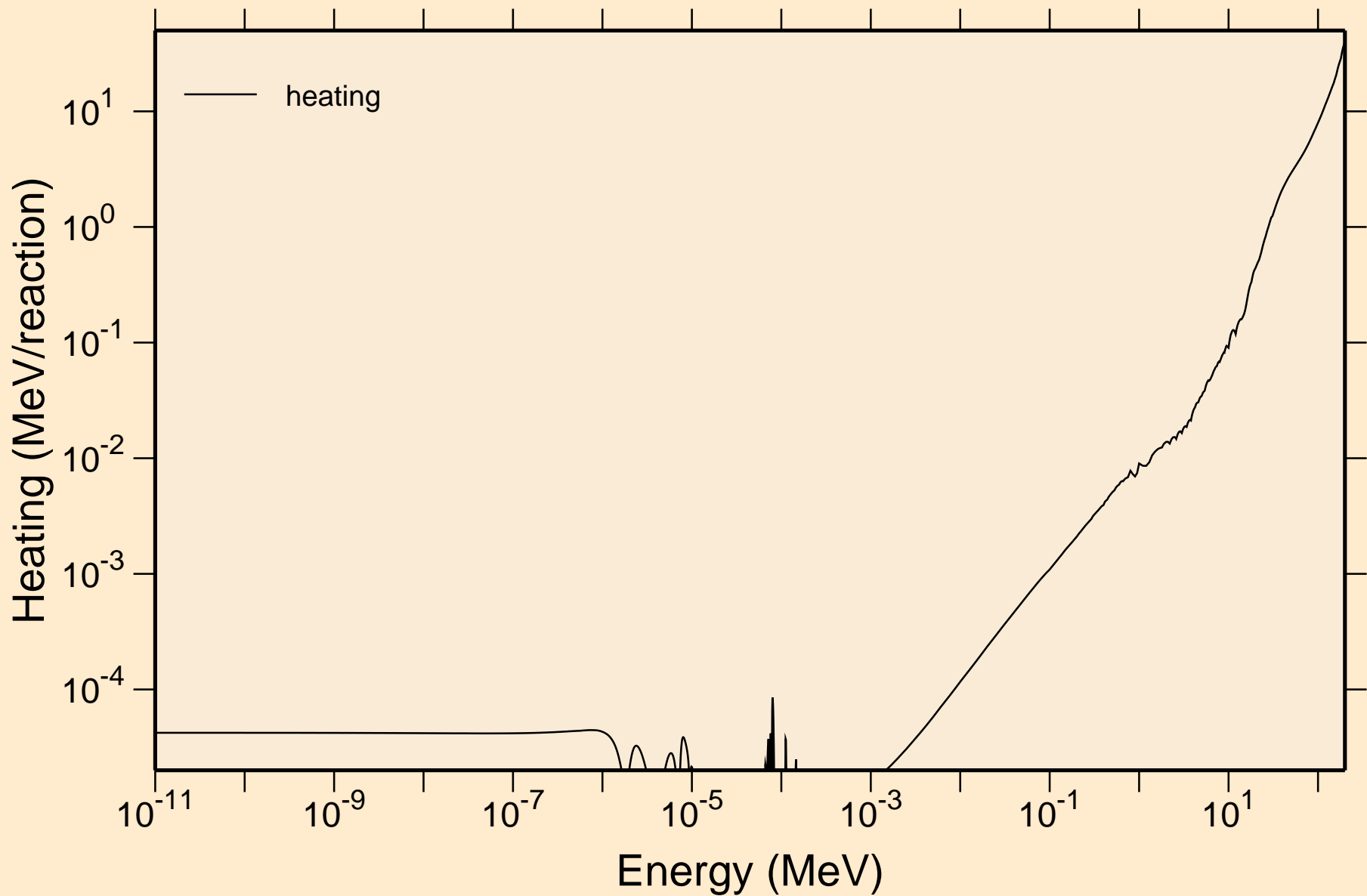
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resonance absorption cross sections



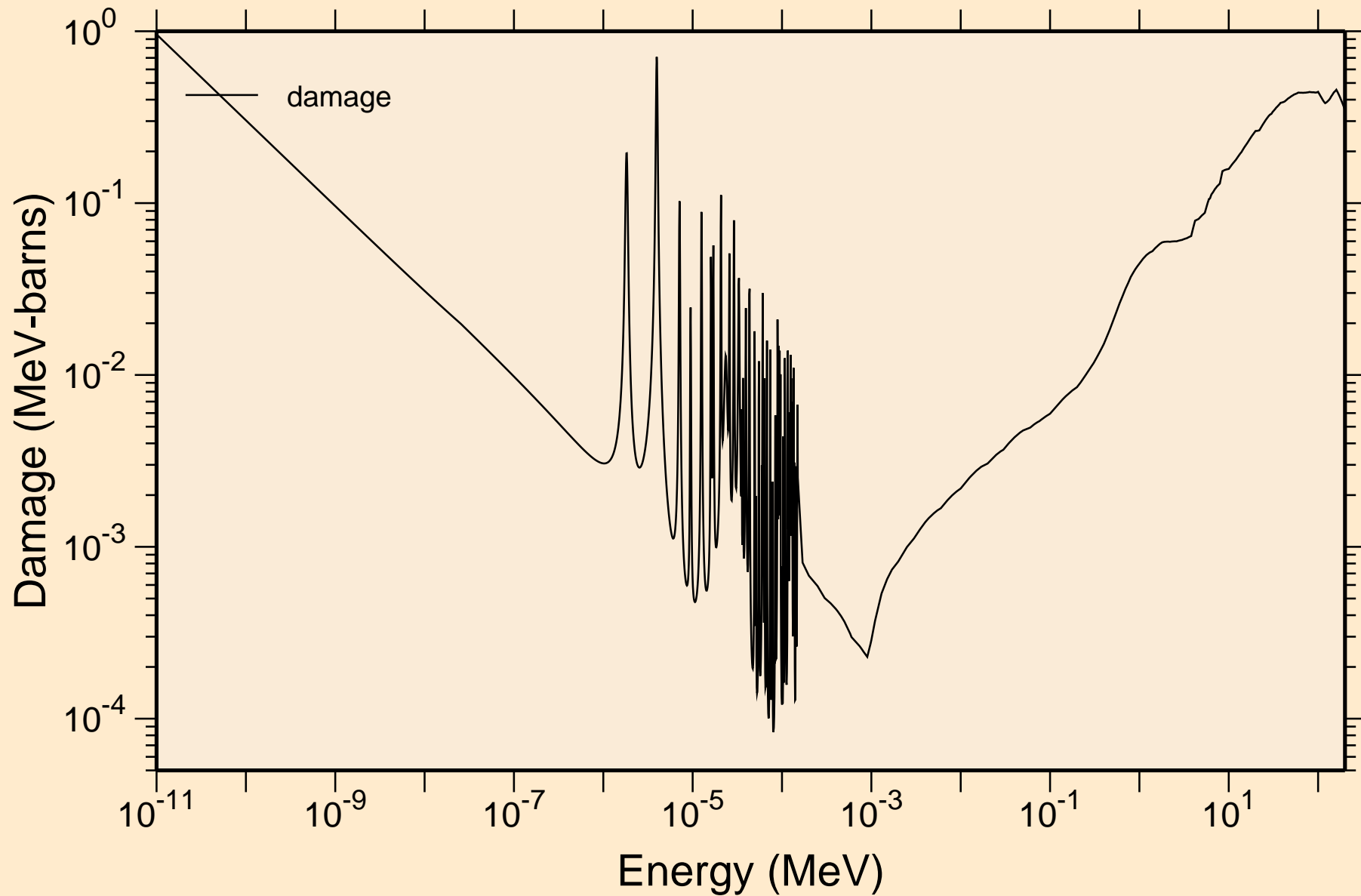
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resonance absorption cross sections



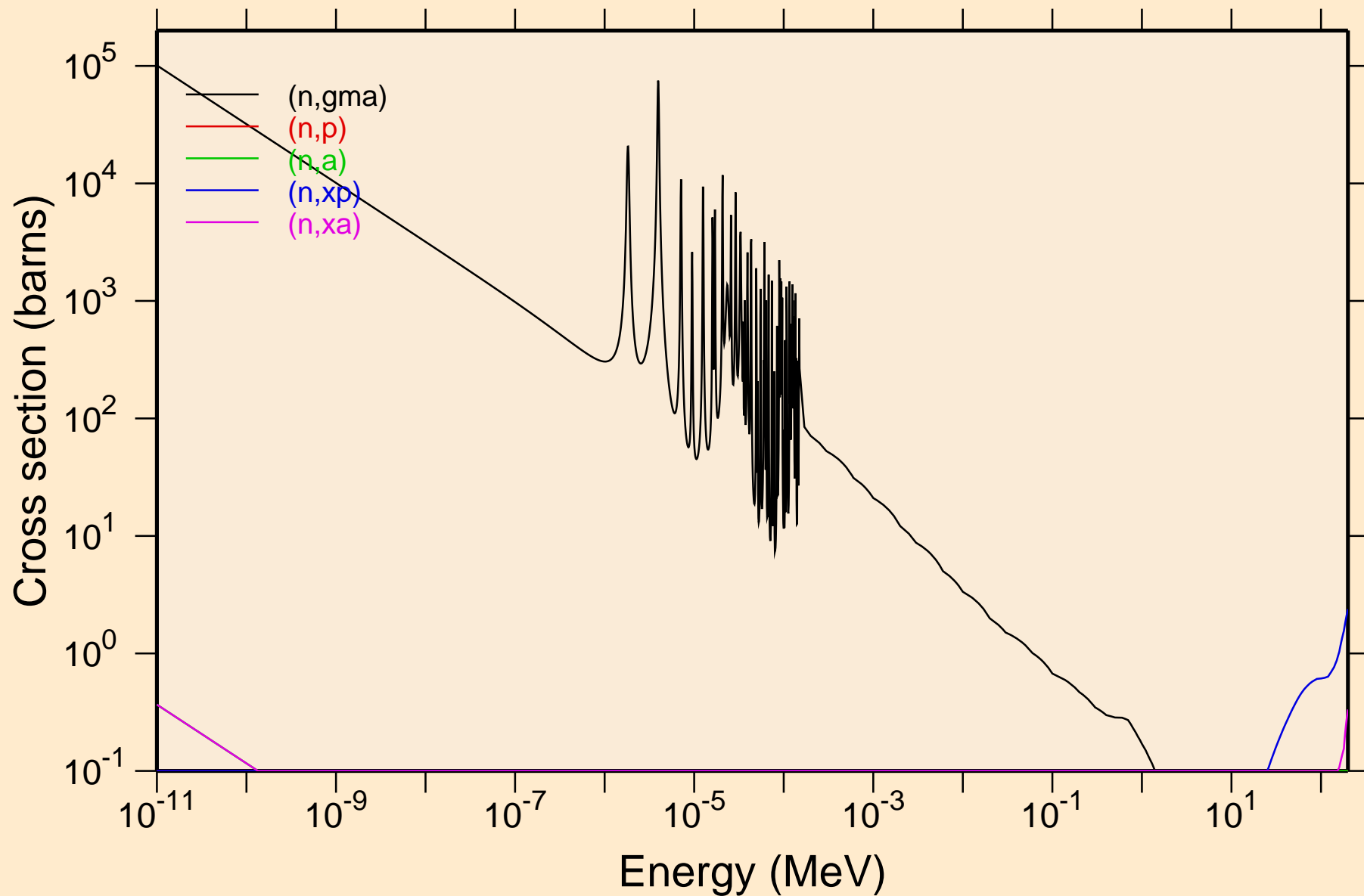
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



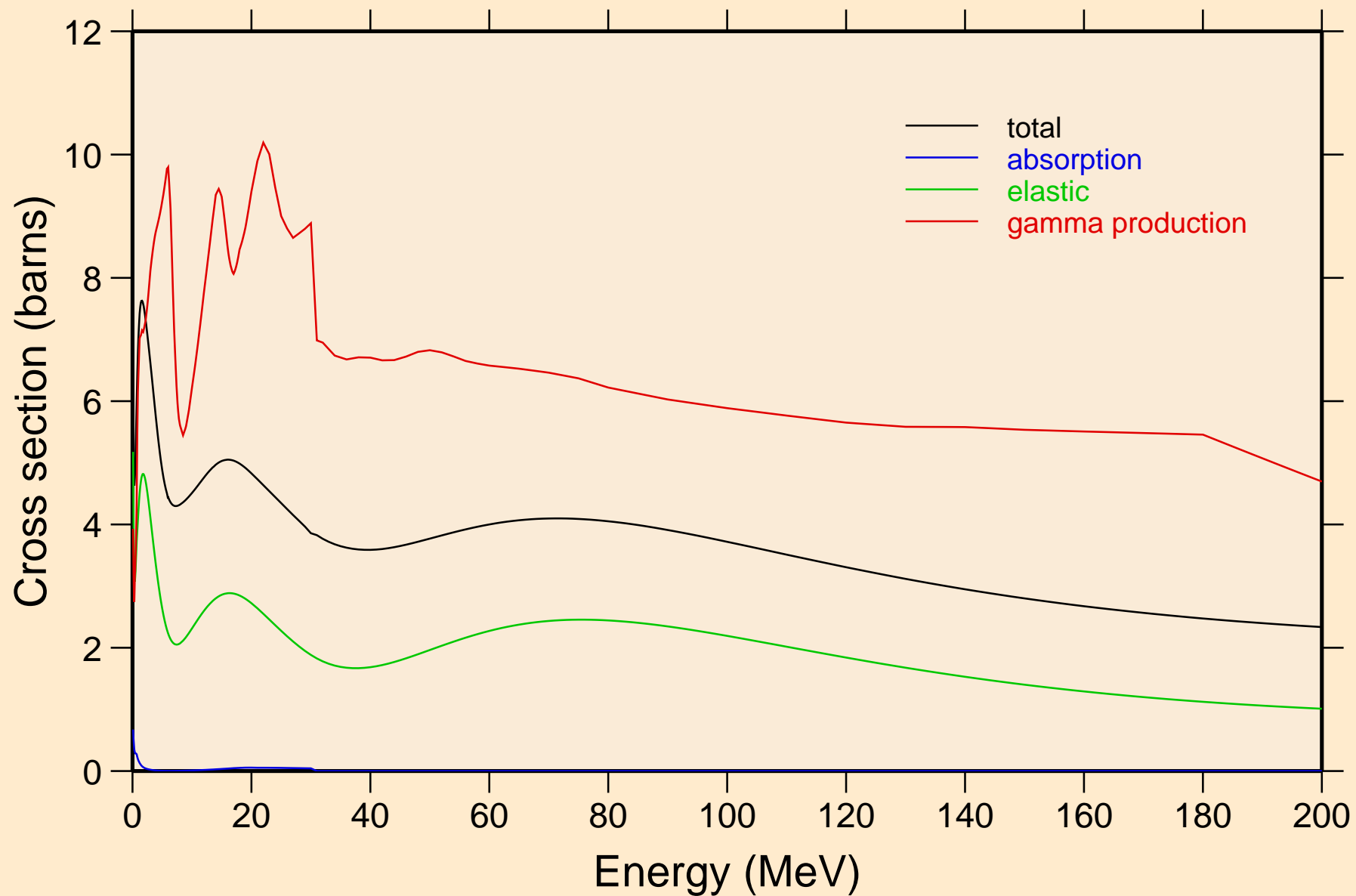
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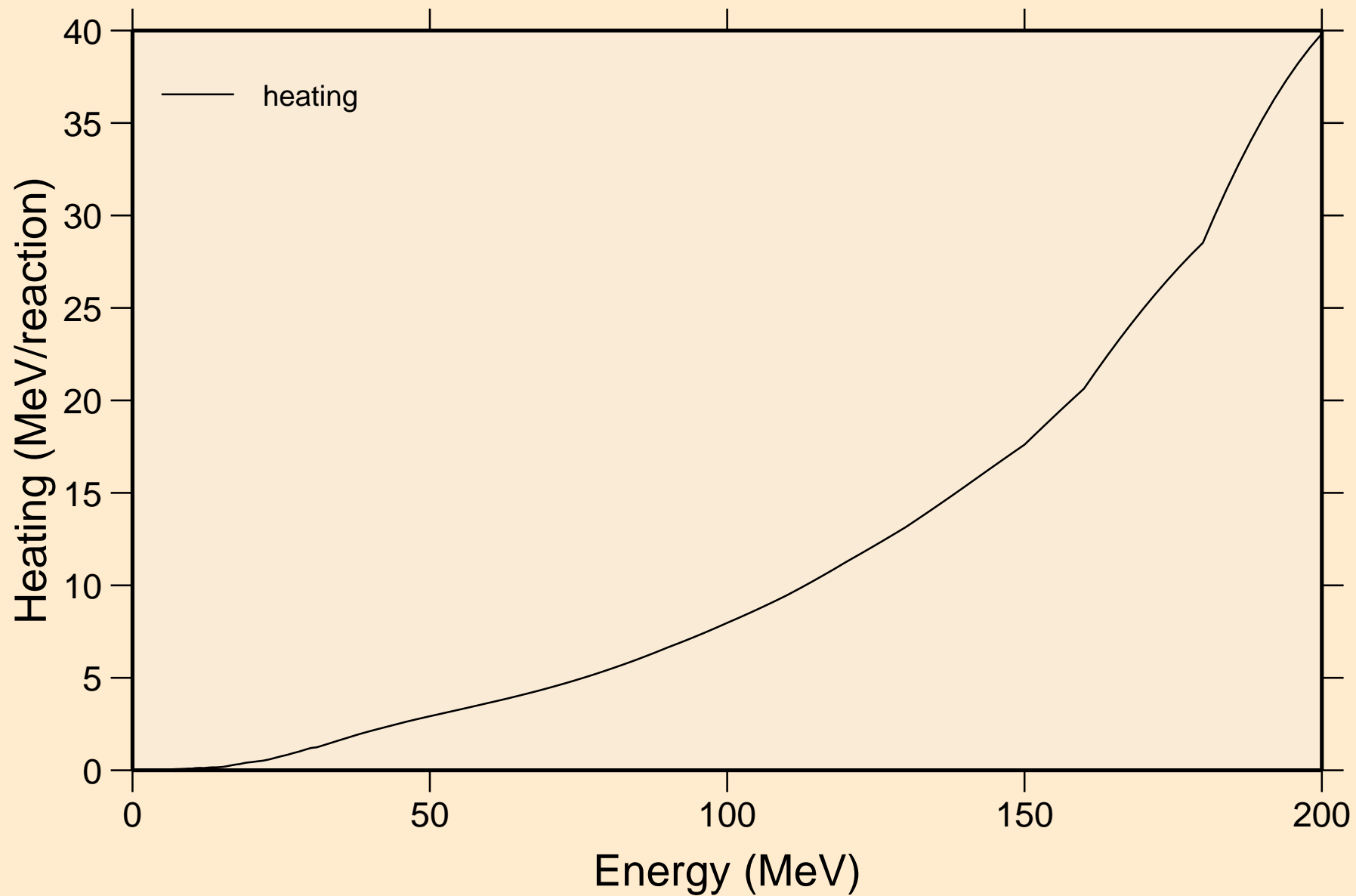
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



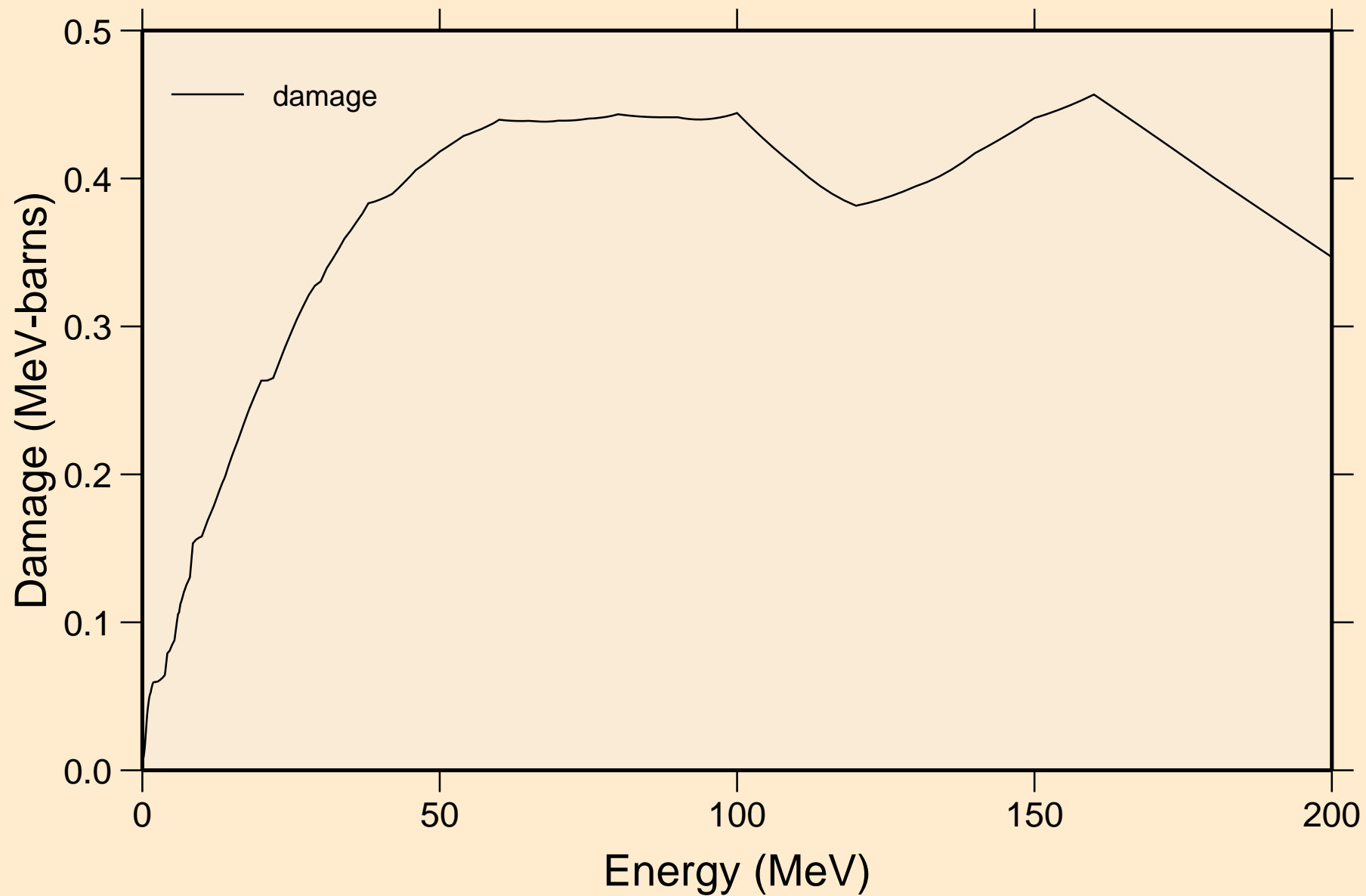
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



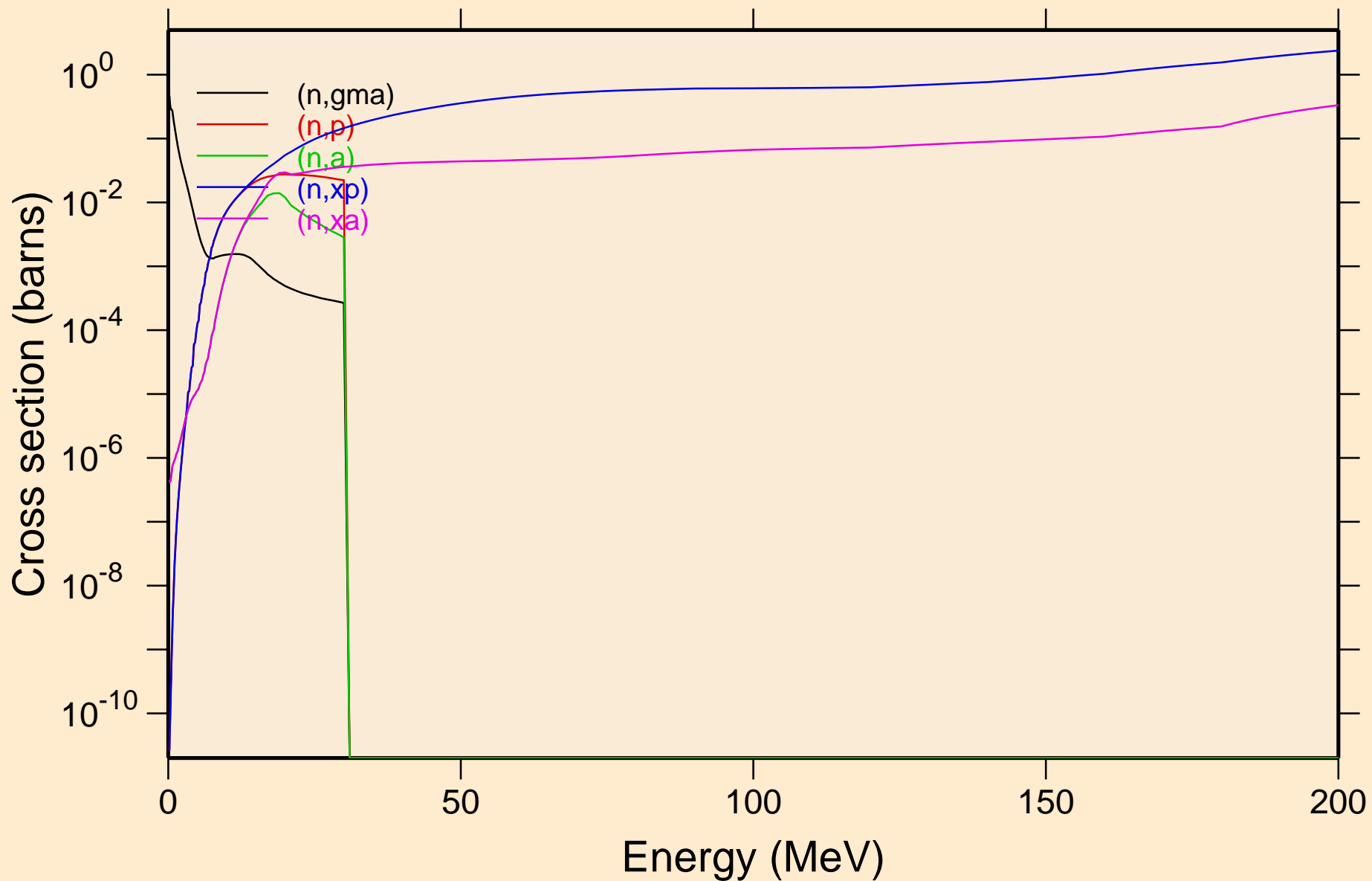
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Heating



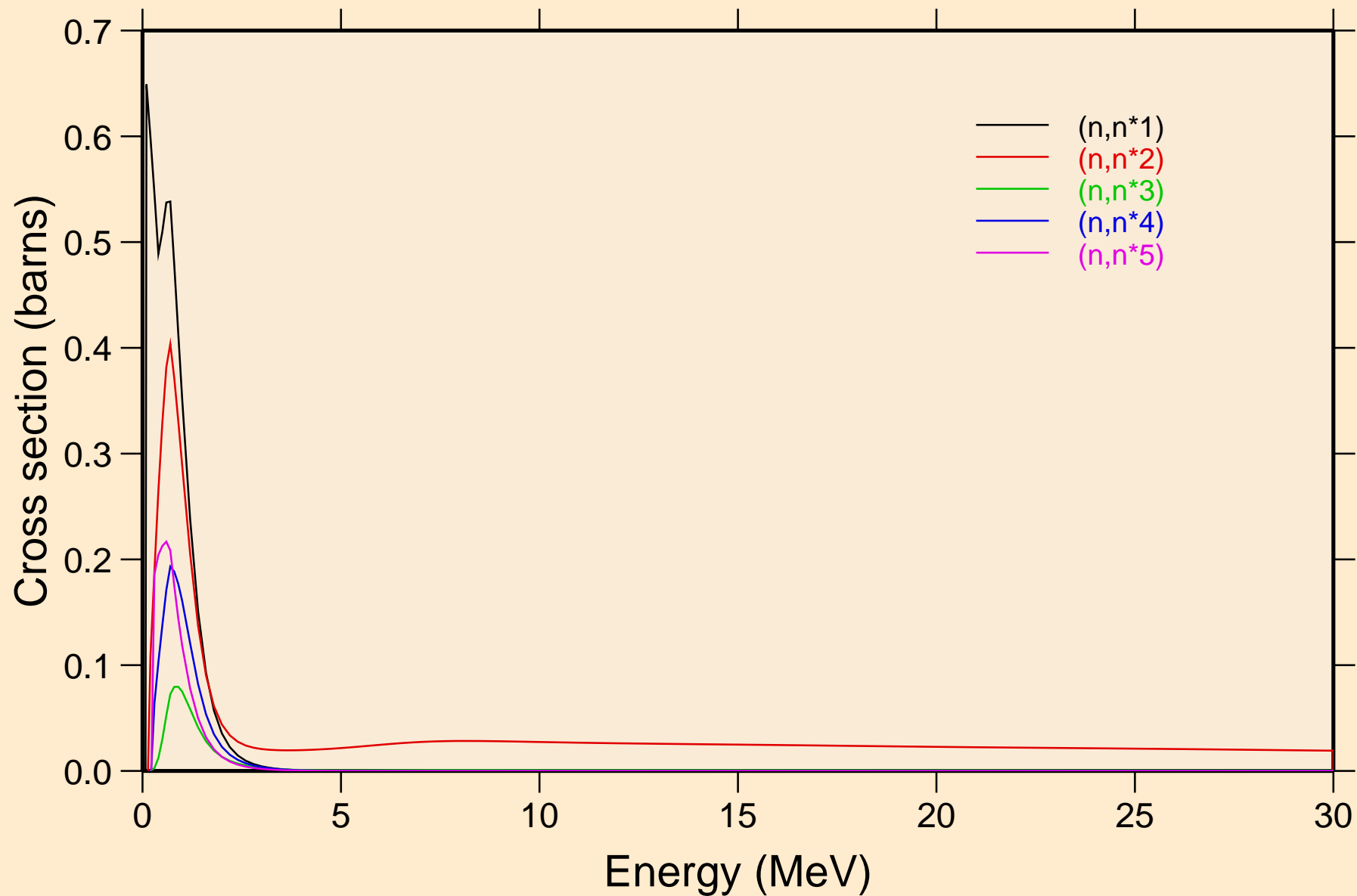
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage



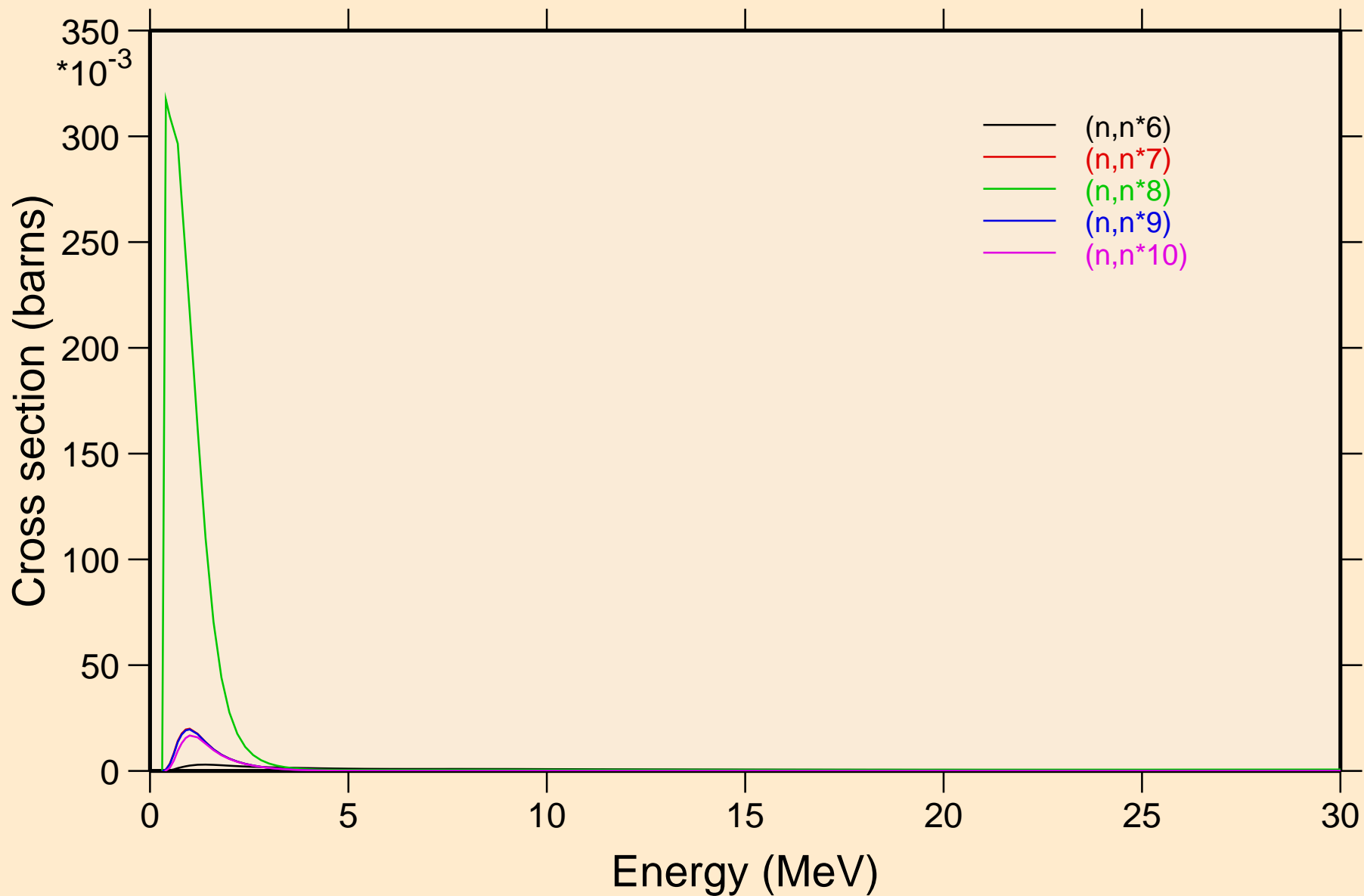
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



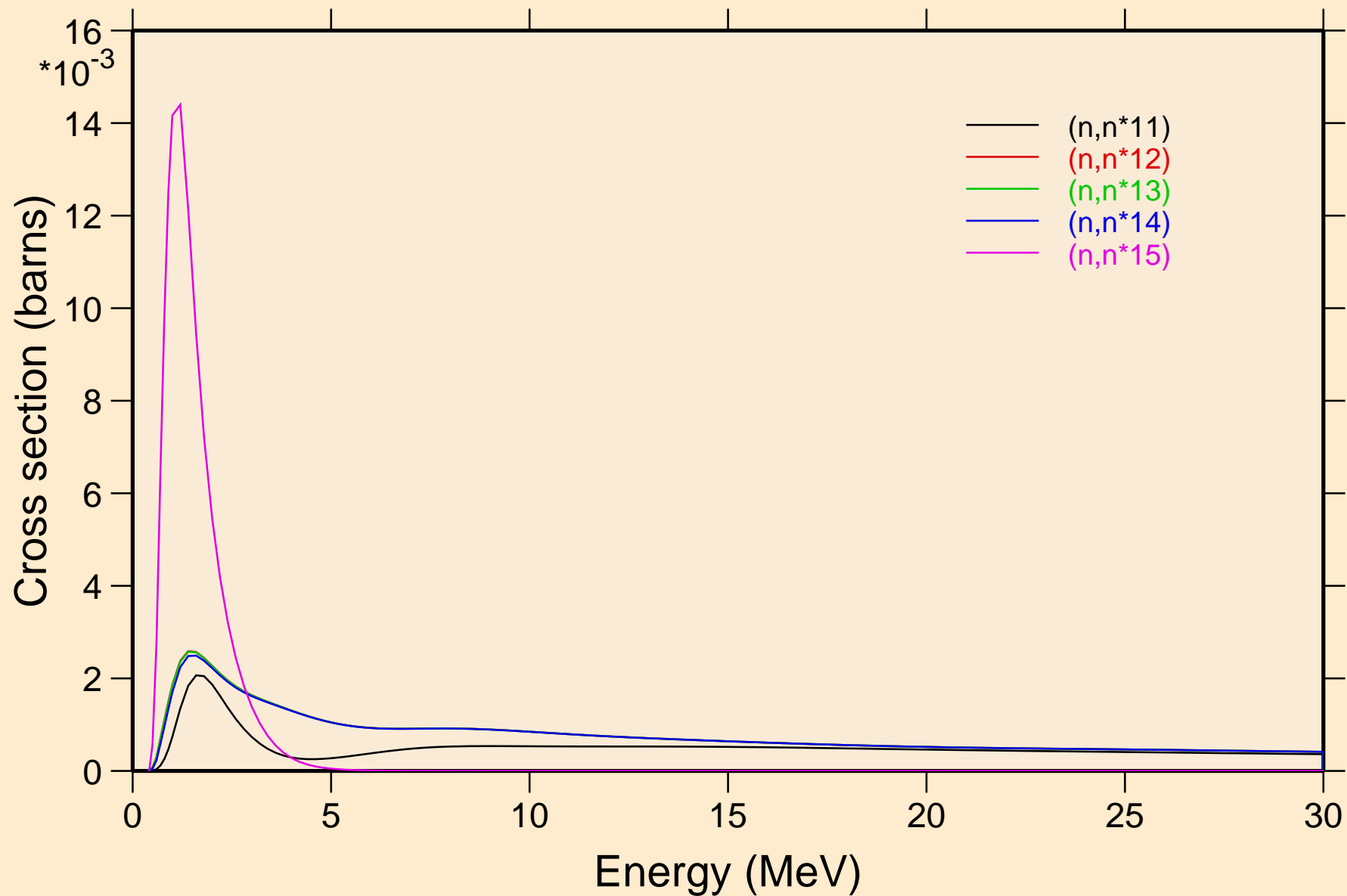
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Inelastic levels



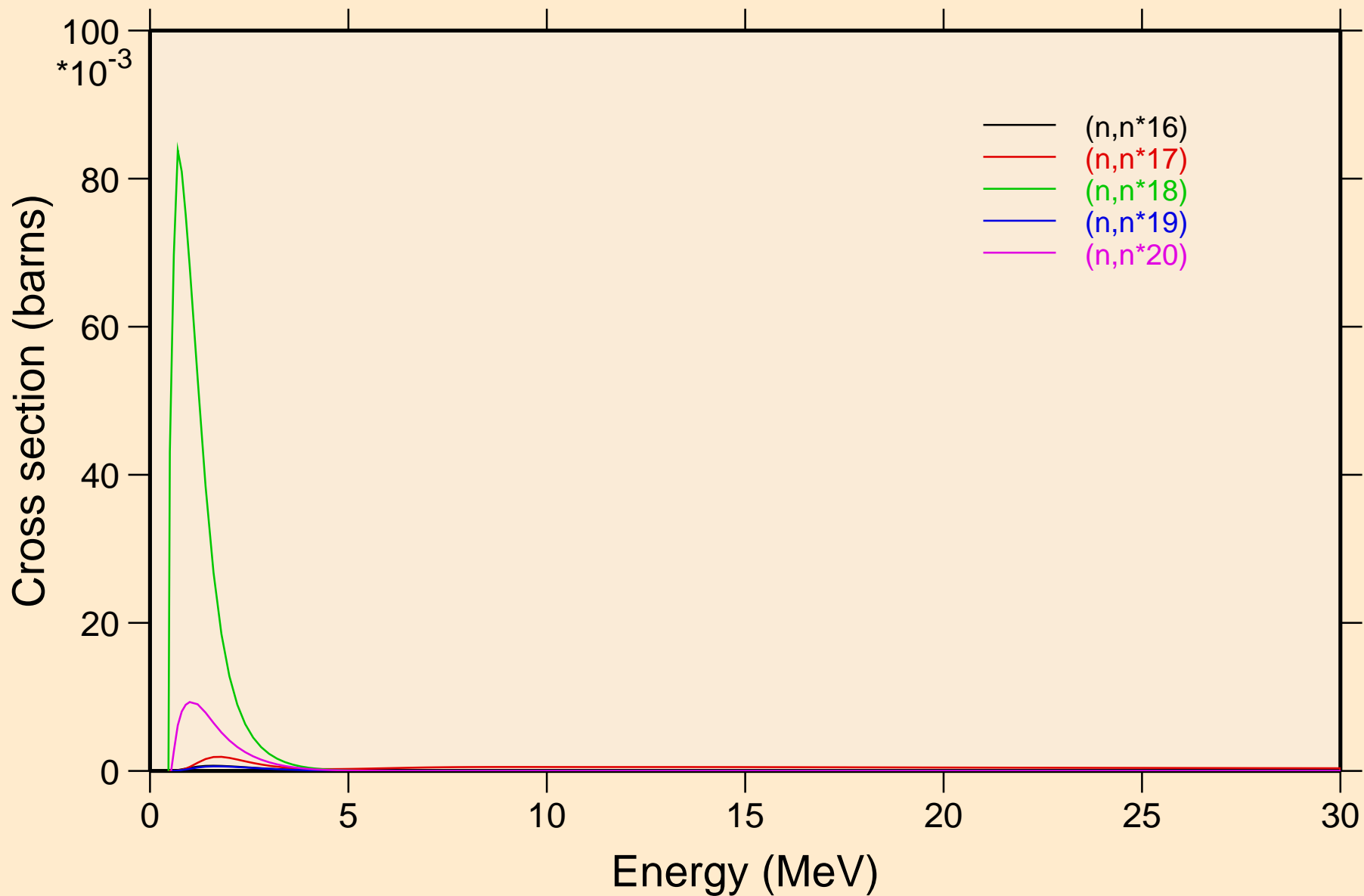
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



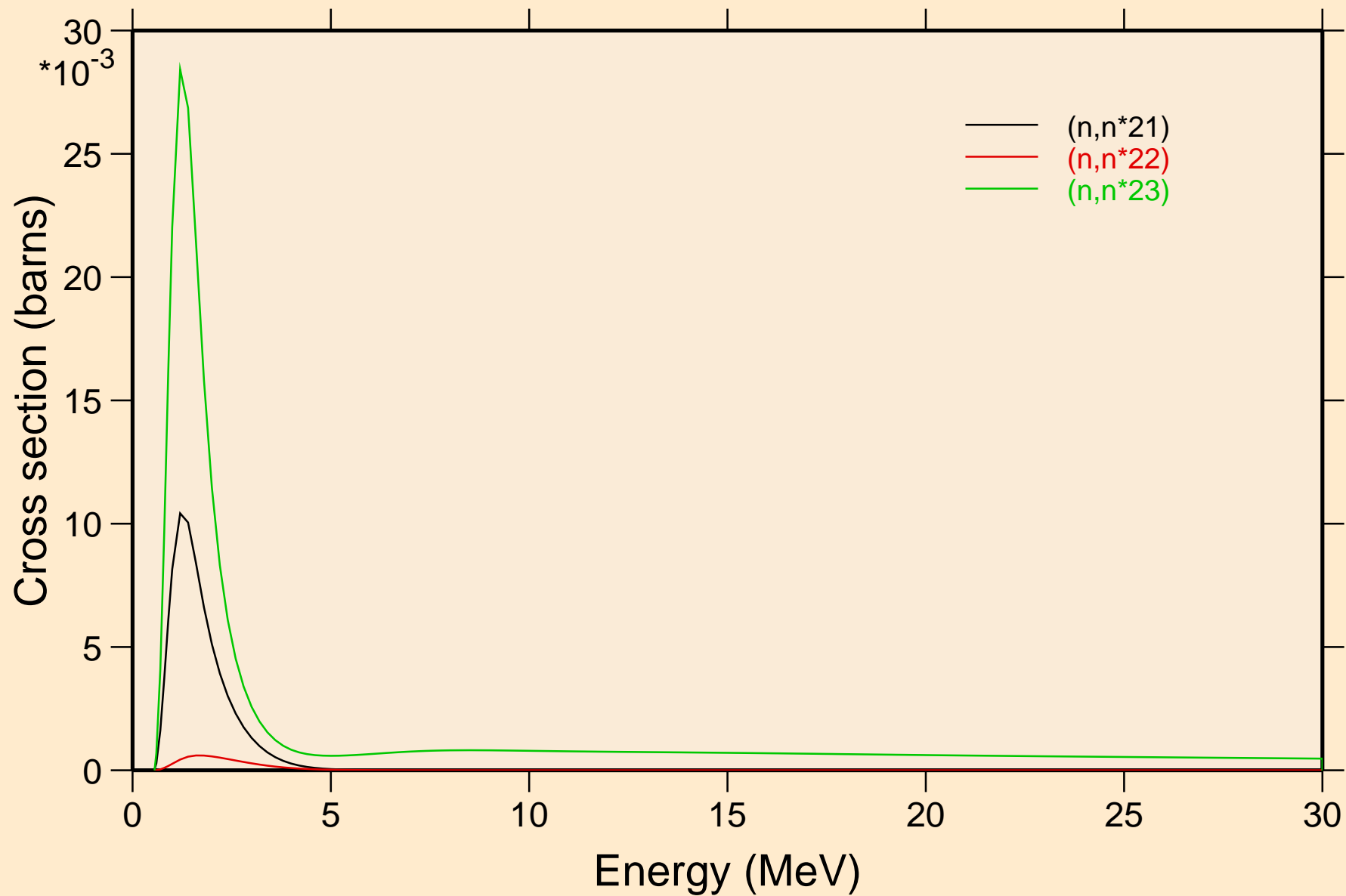
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



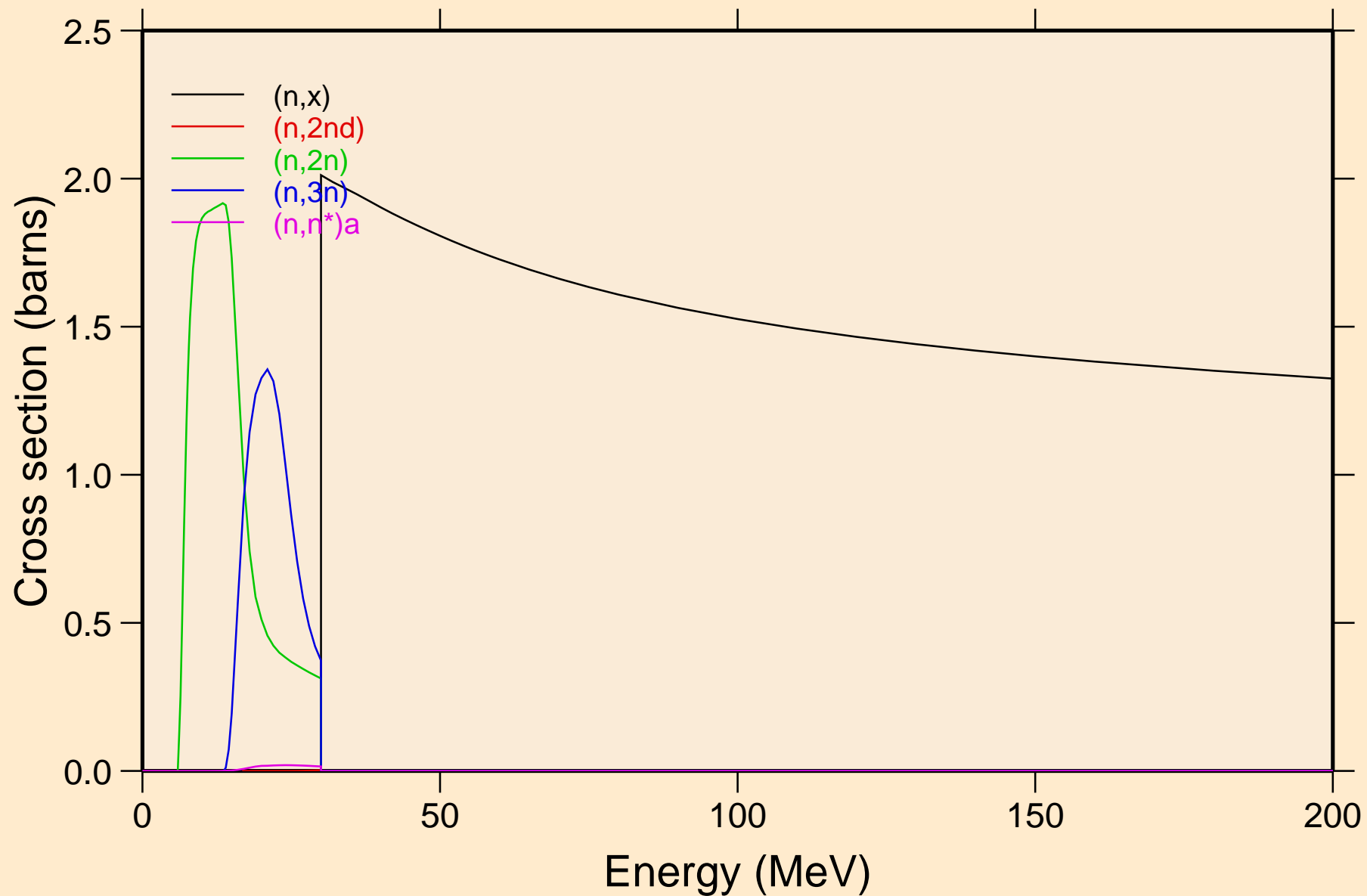
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Inelastic levels



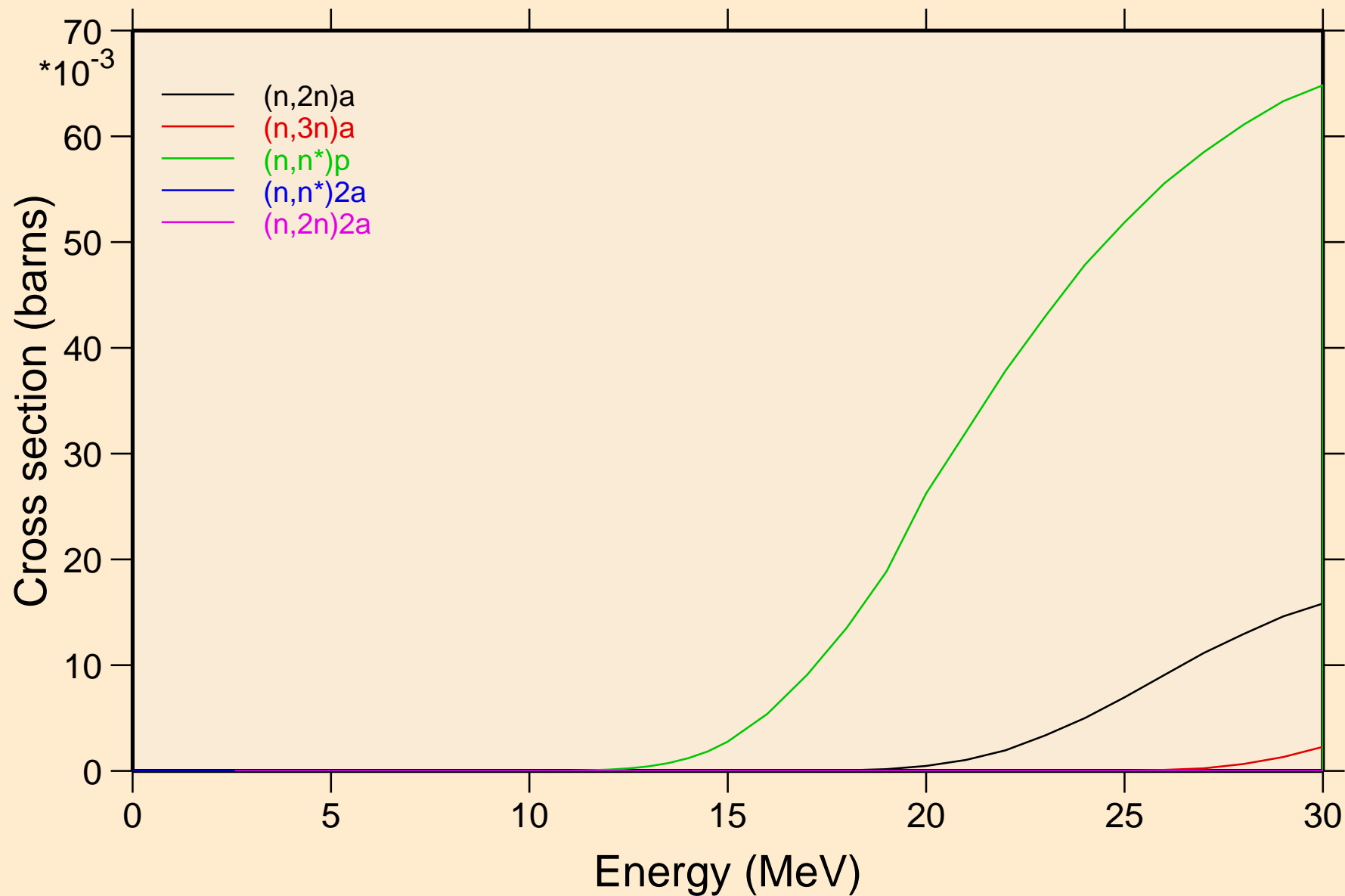
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



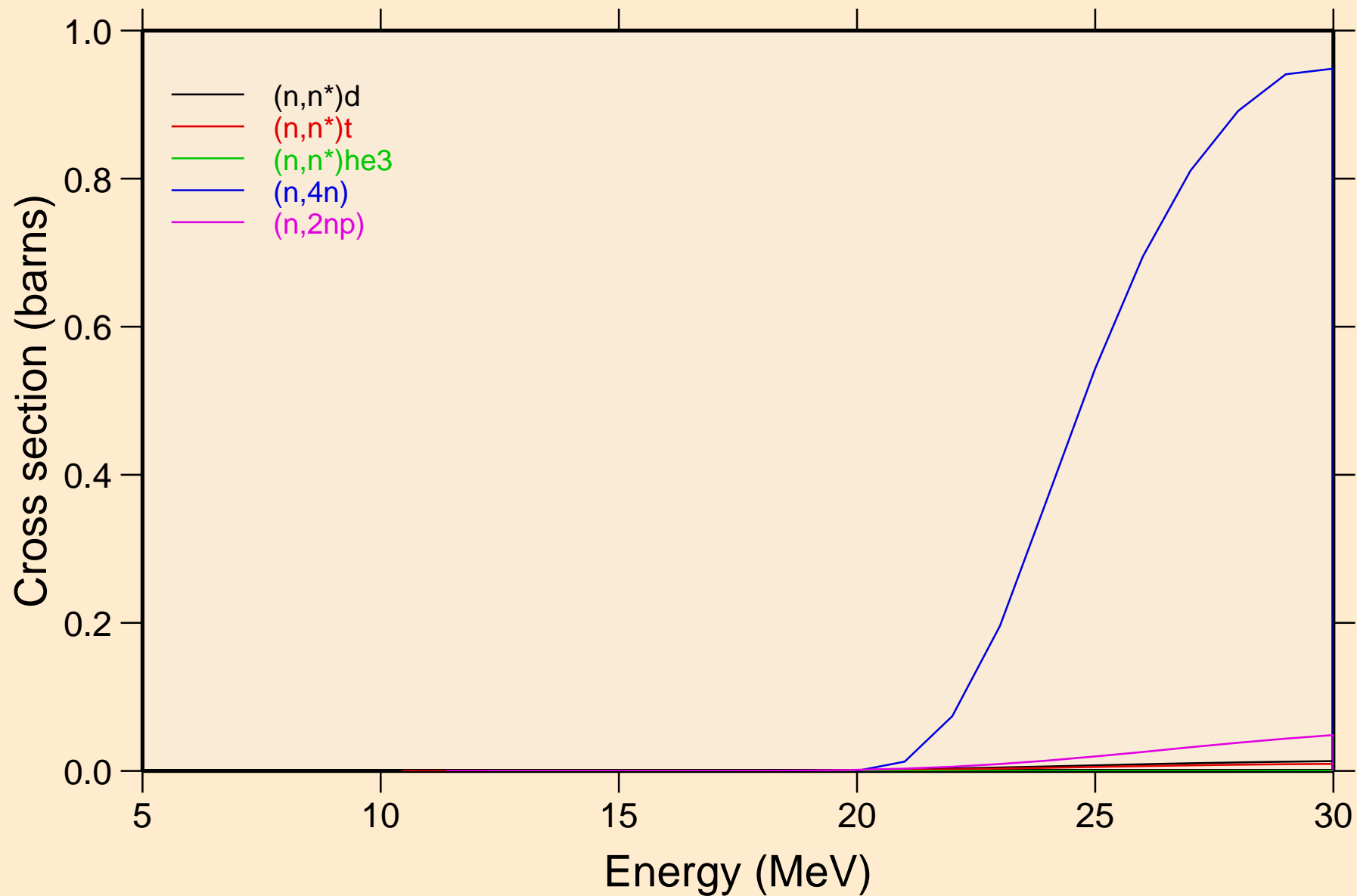
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



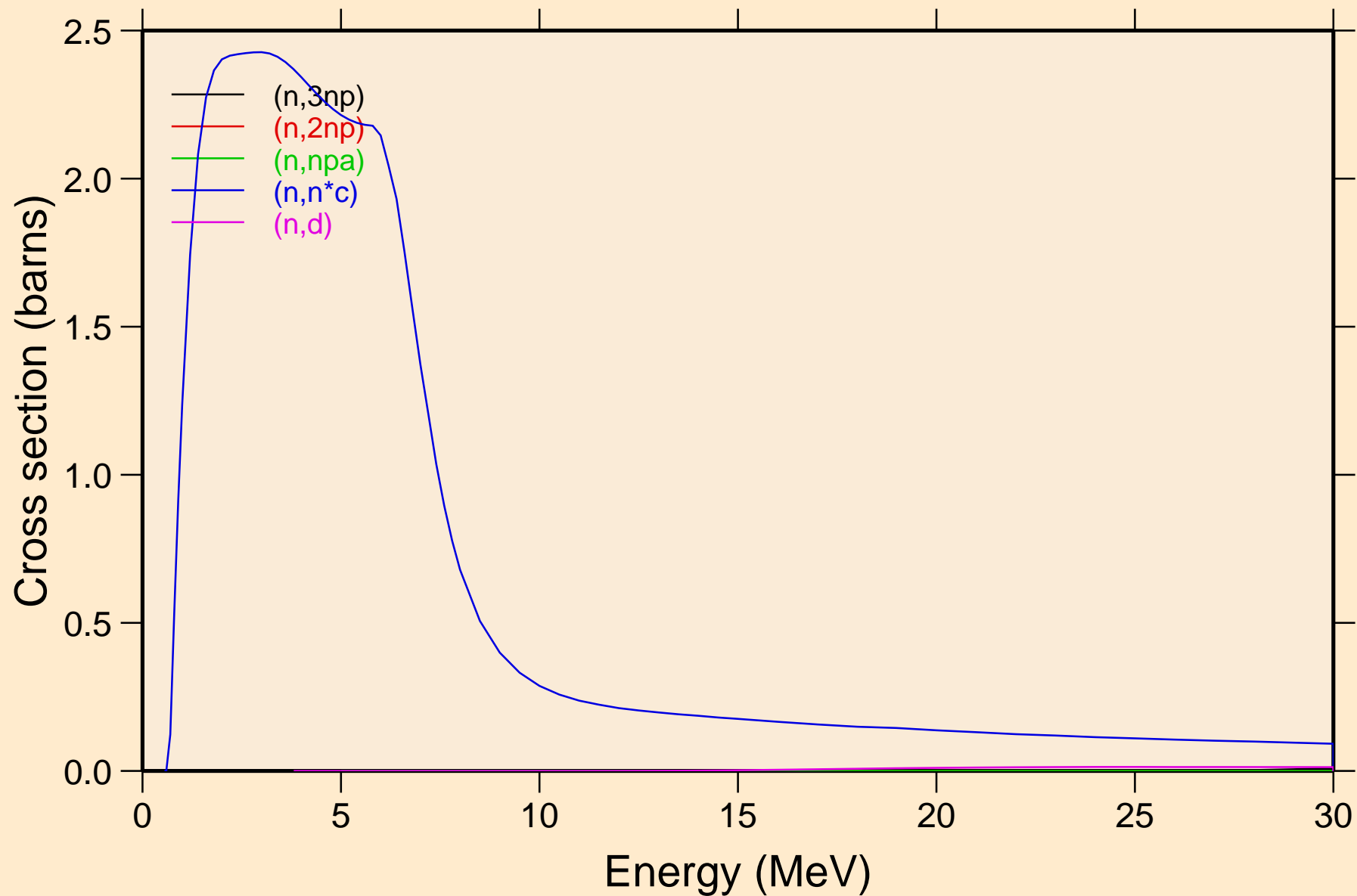
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



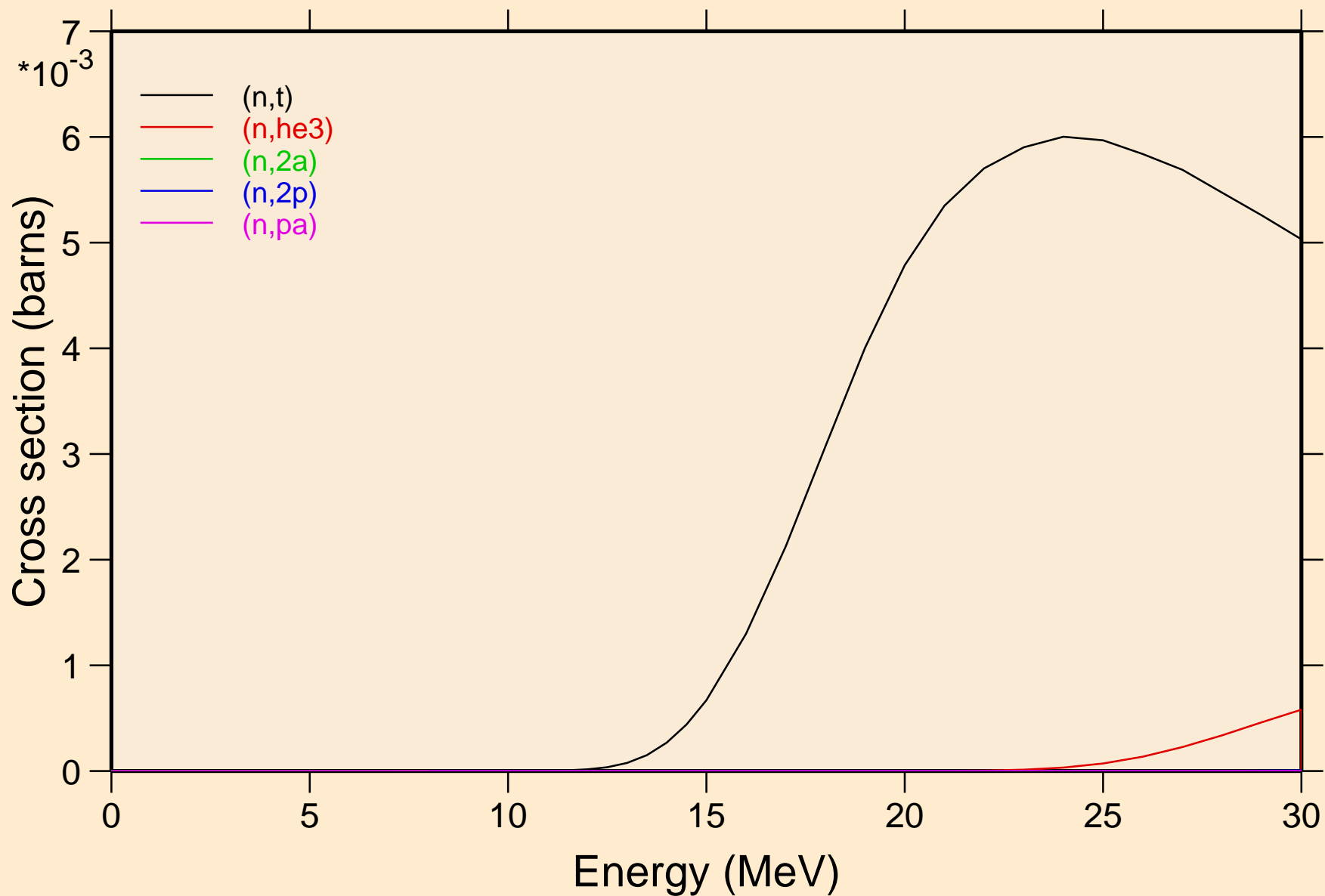
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



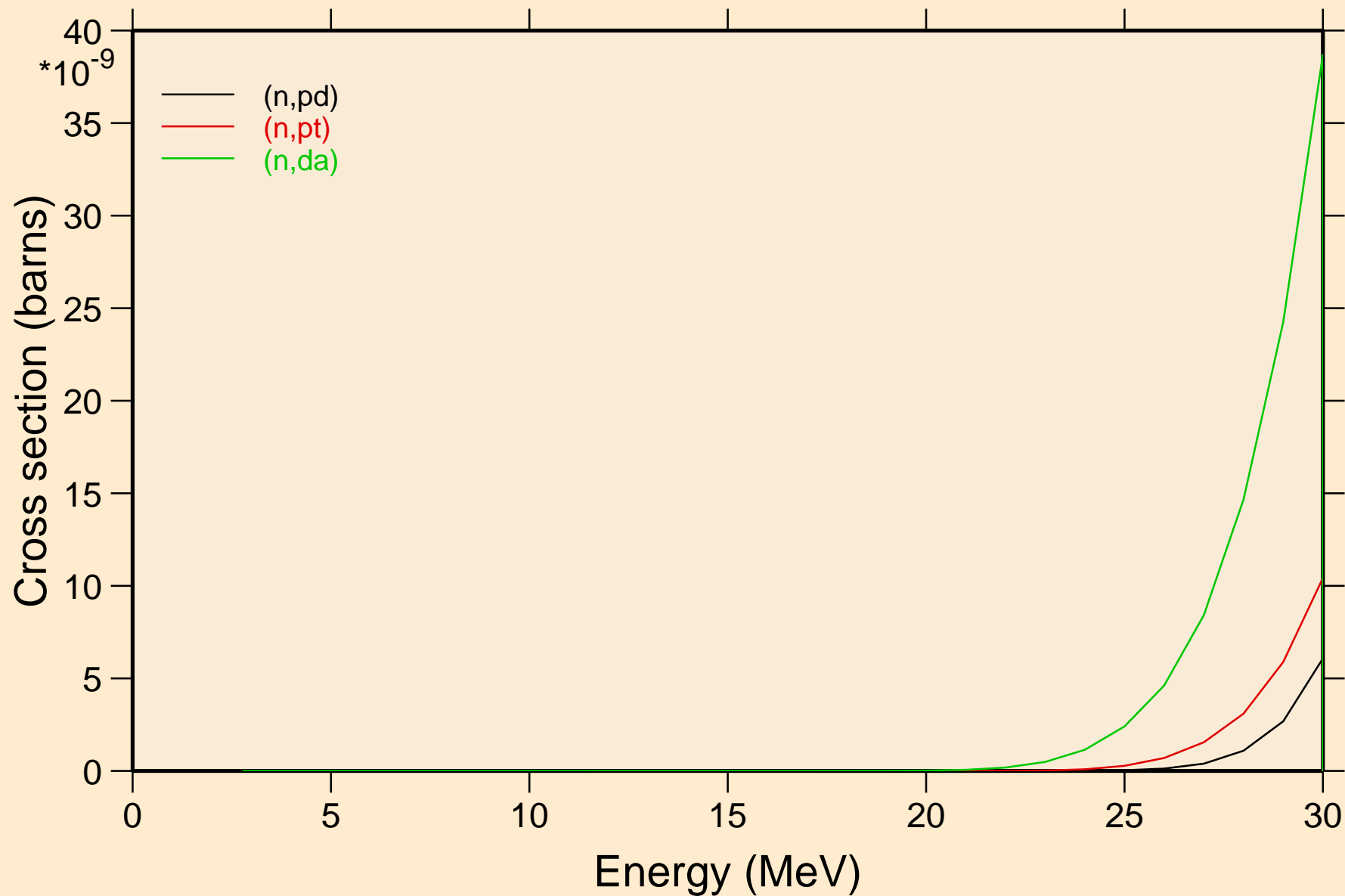
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



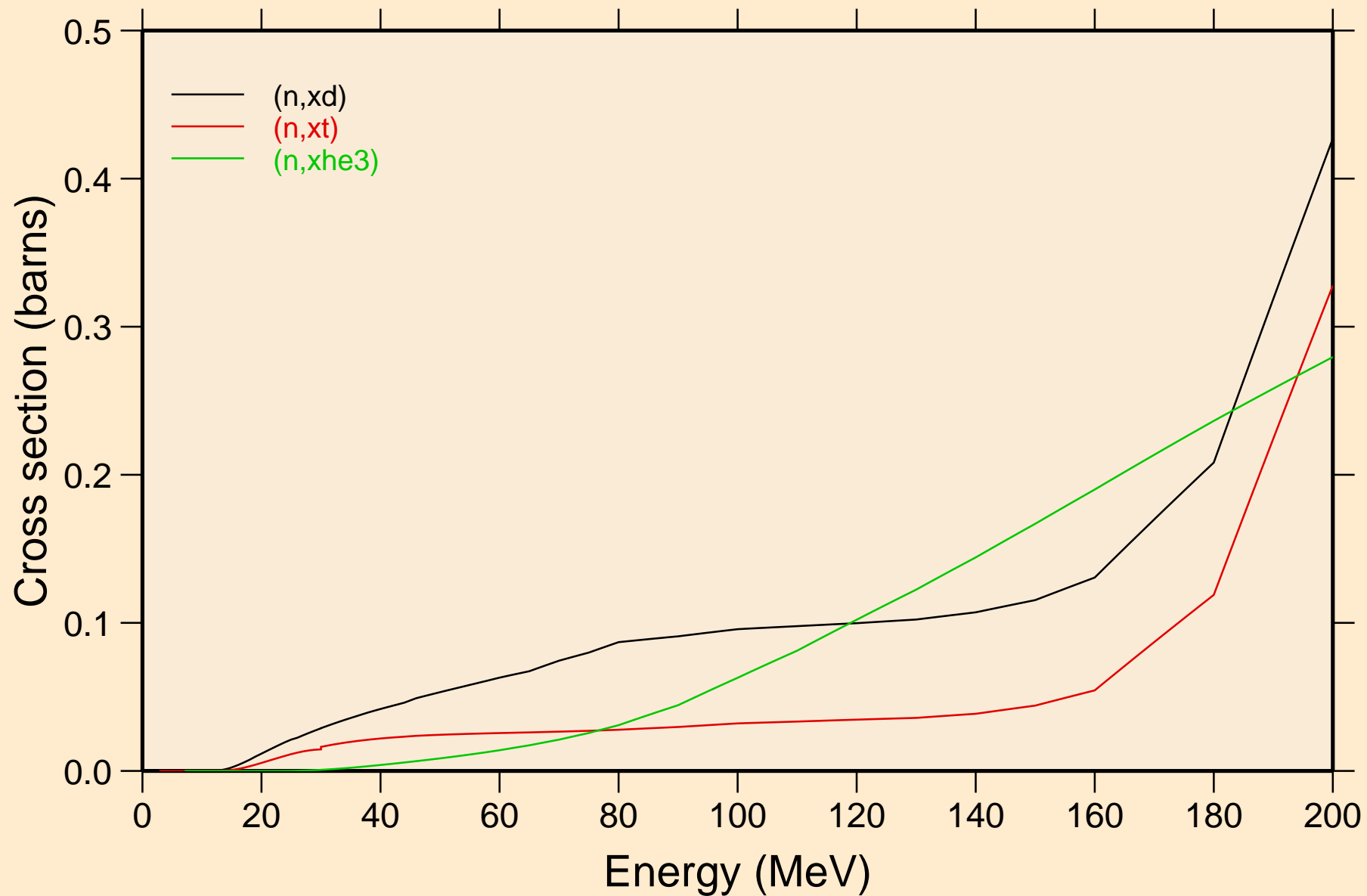
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



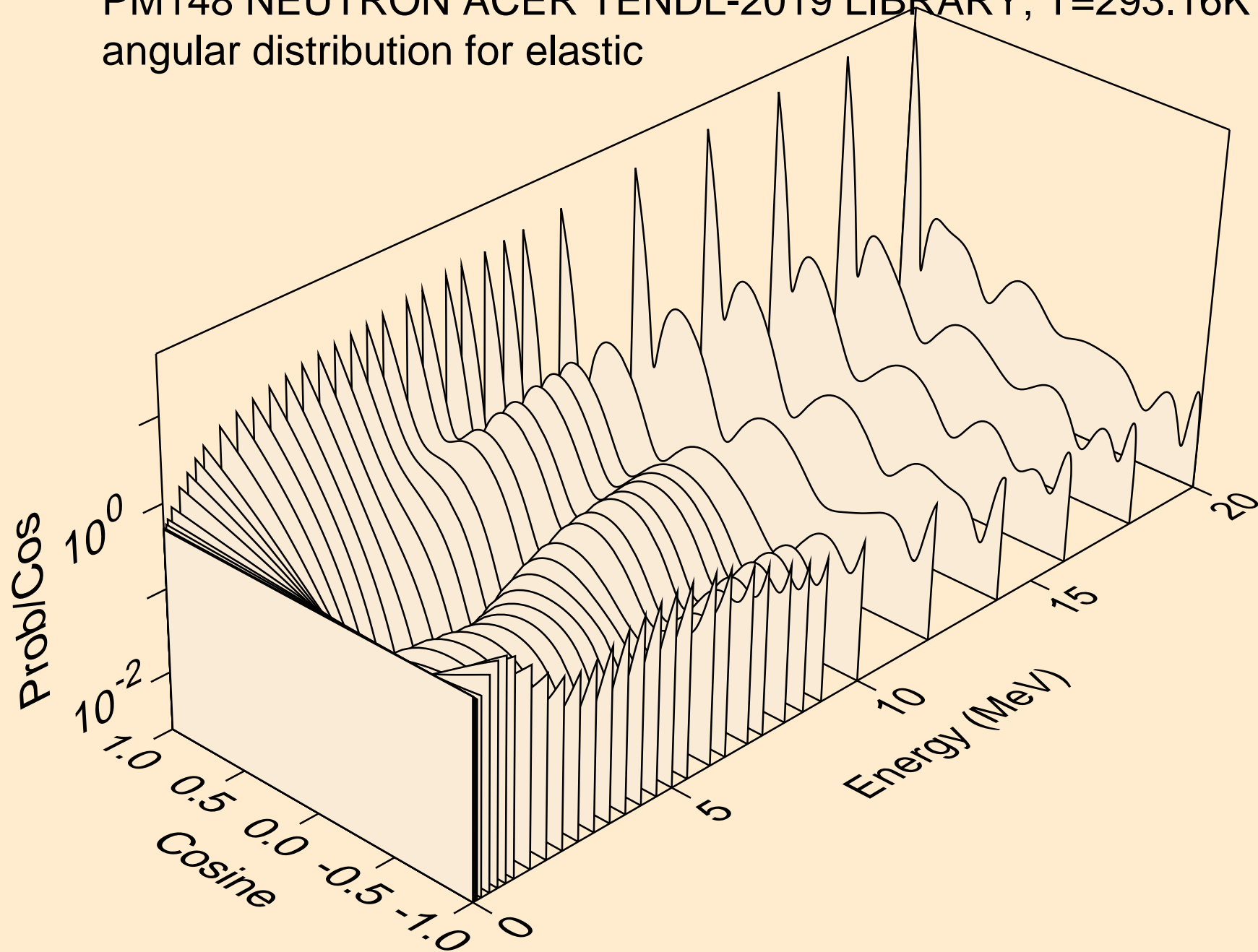
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



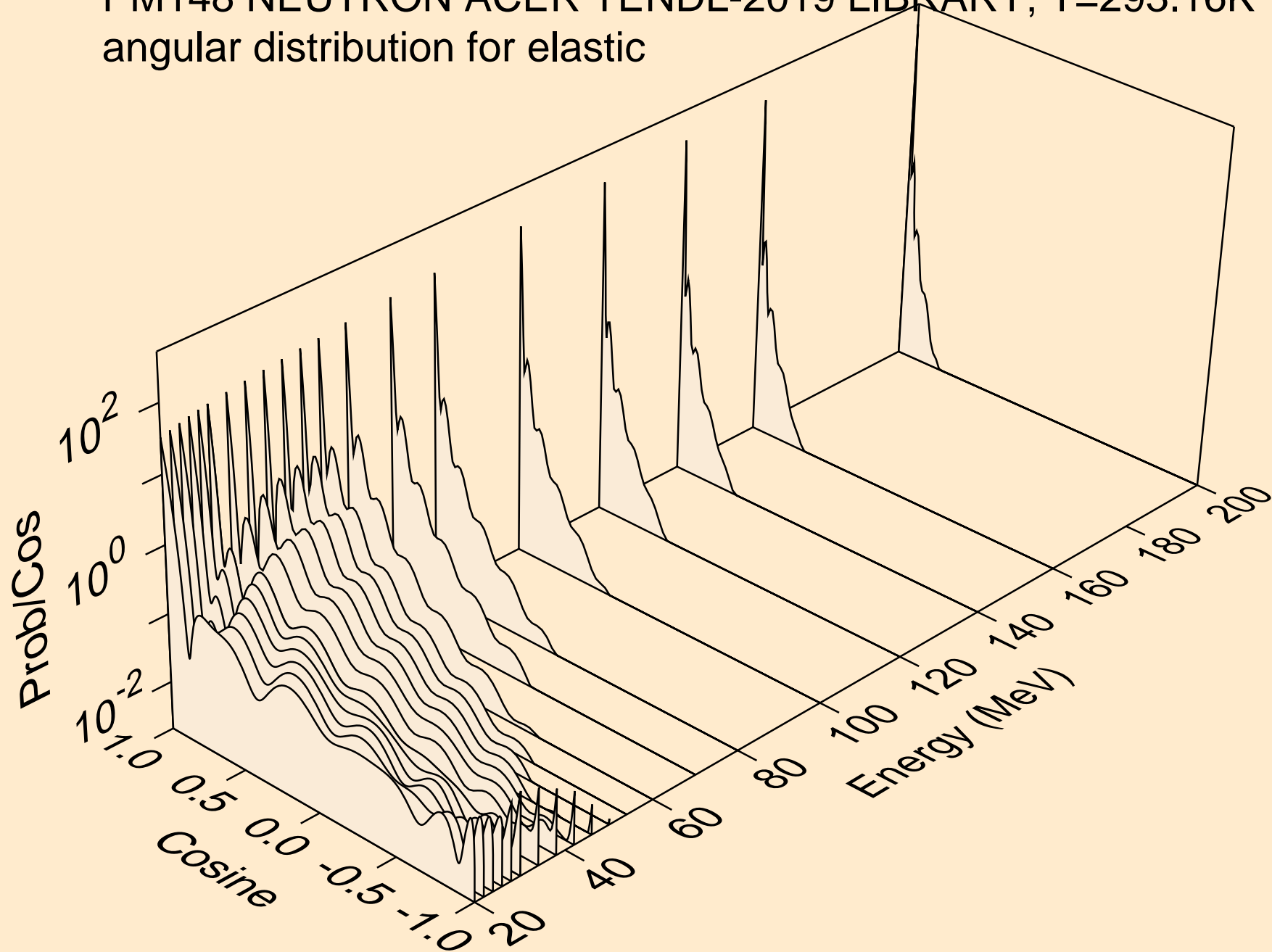
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



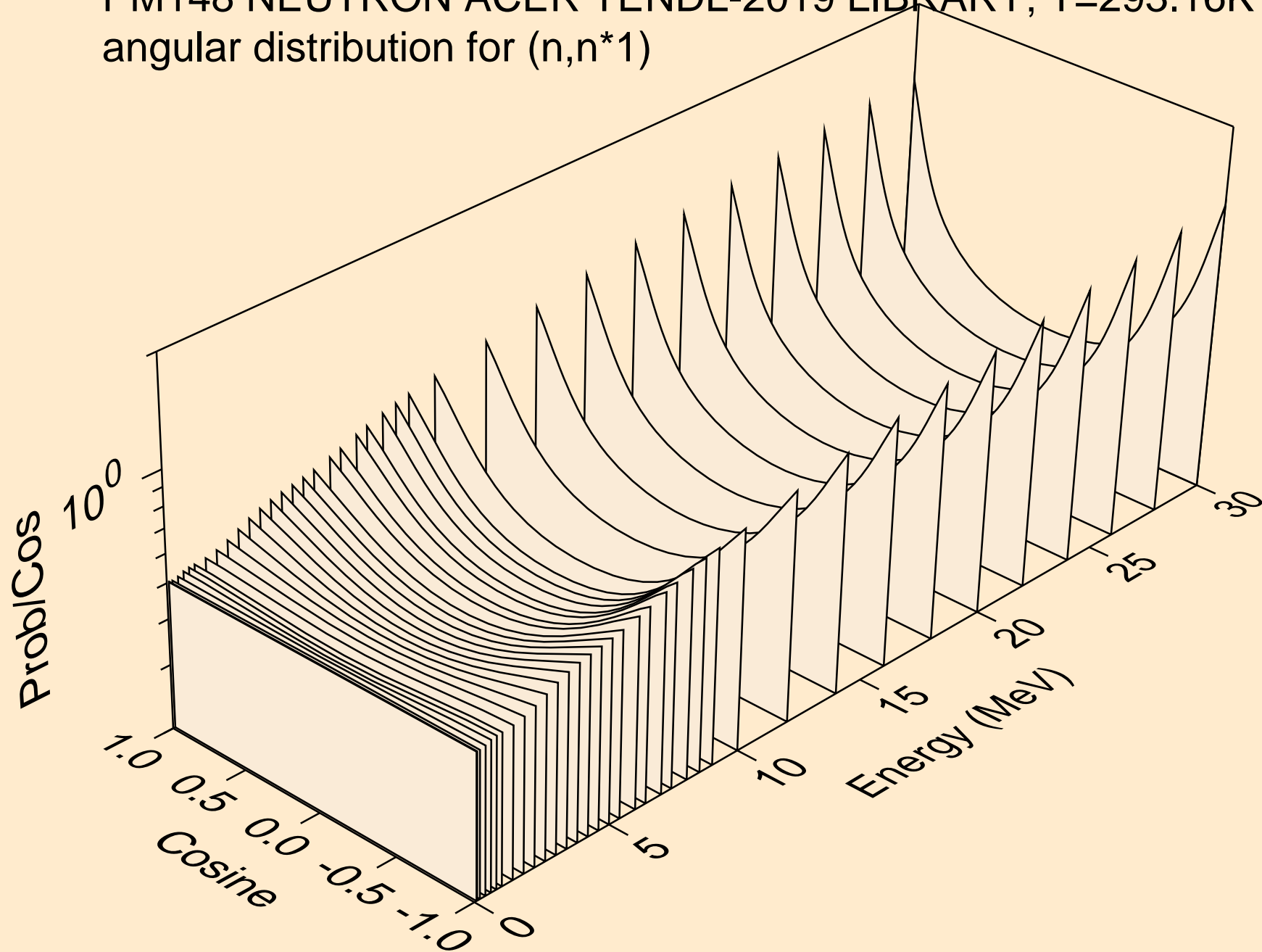
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



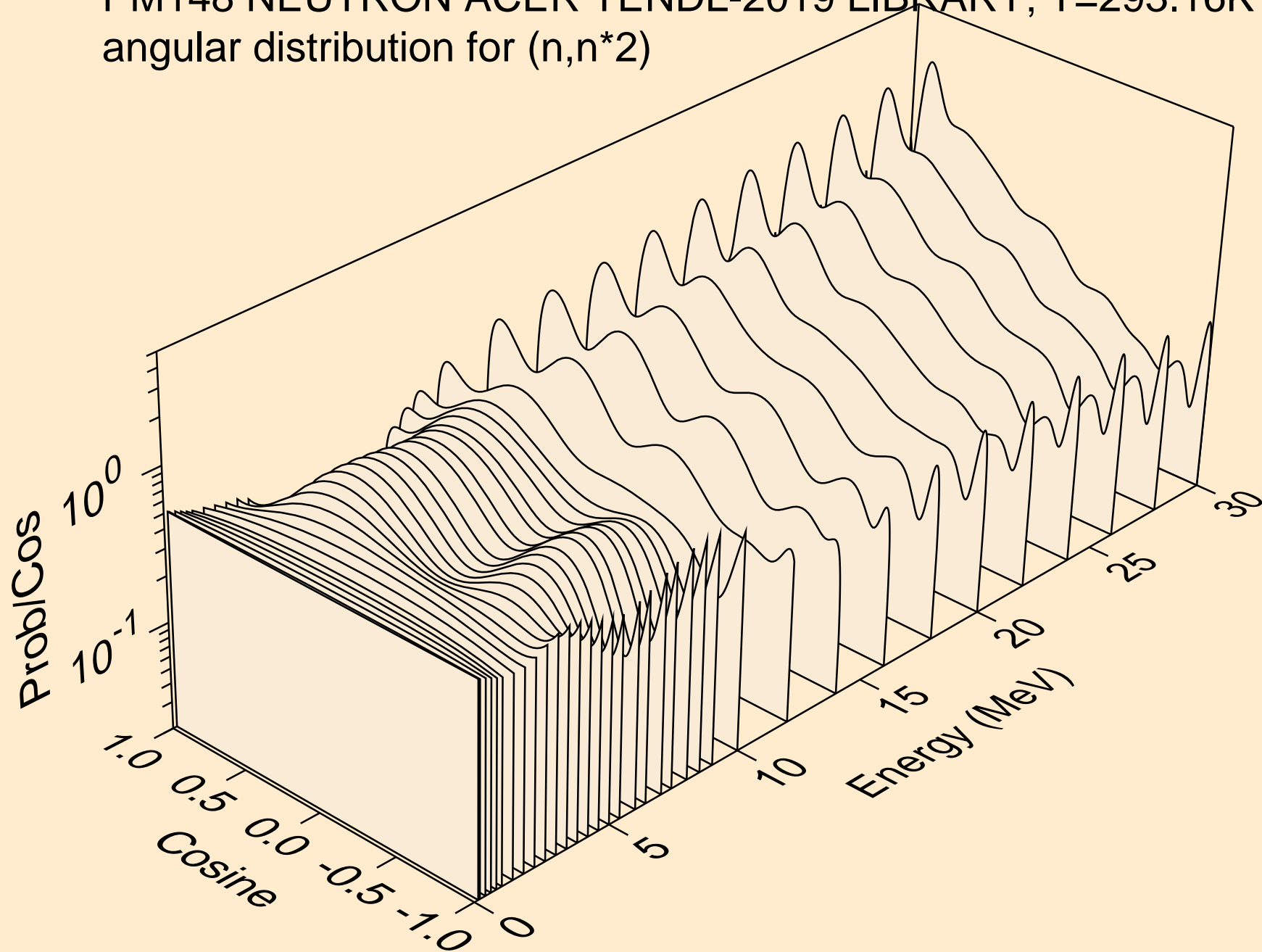
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



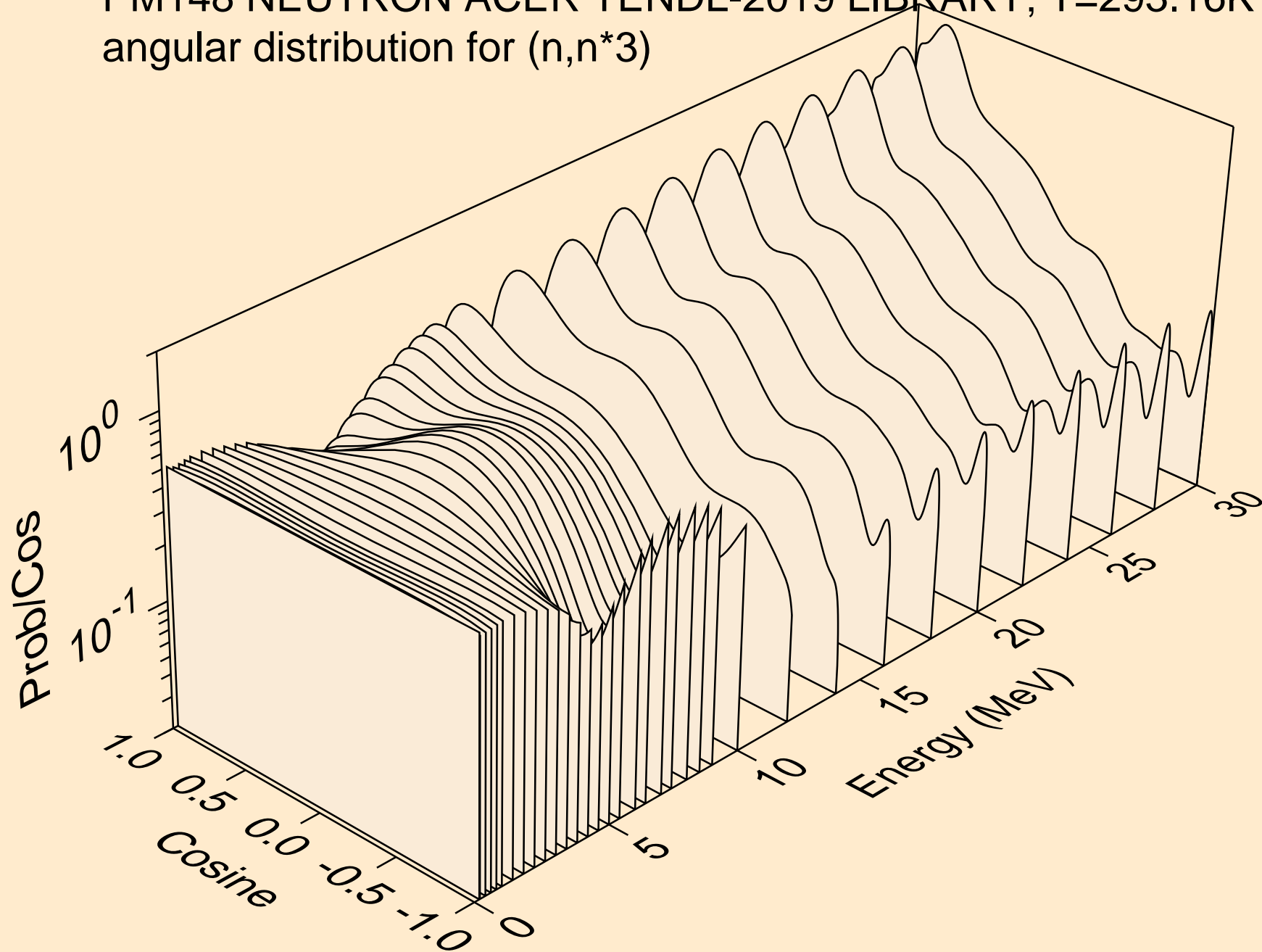
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



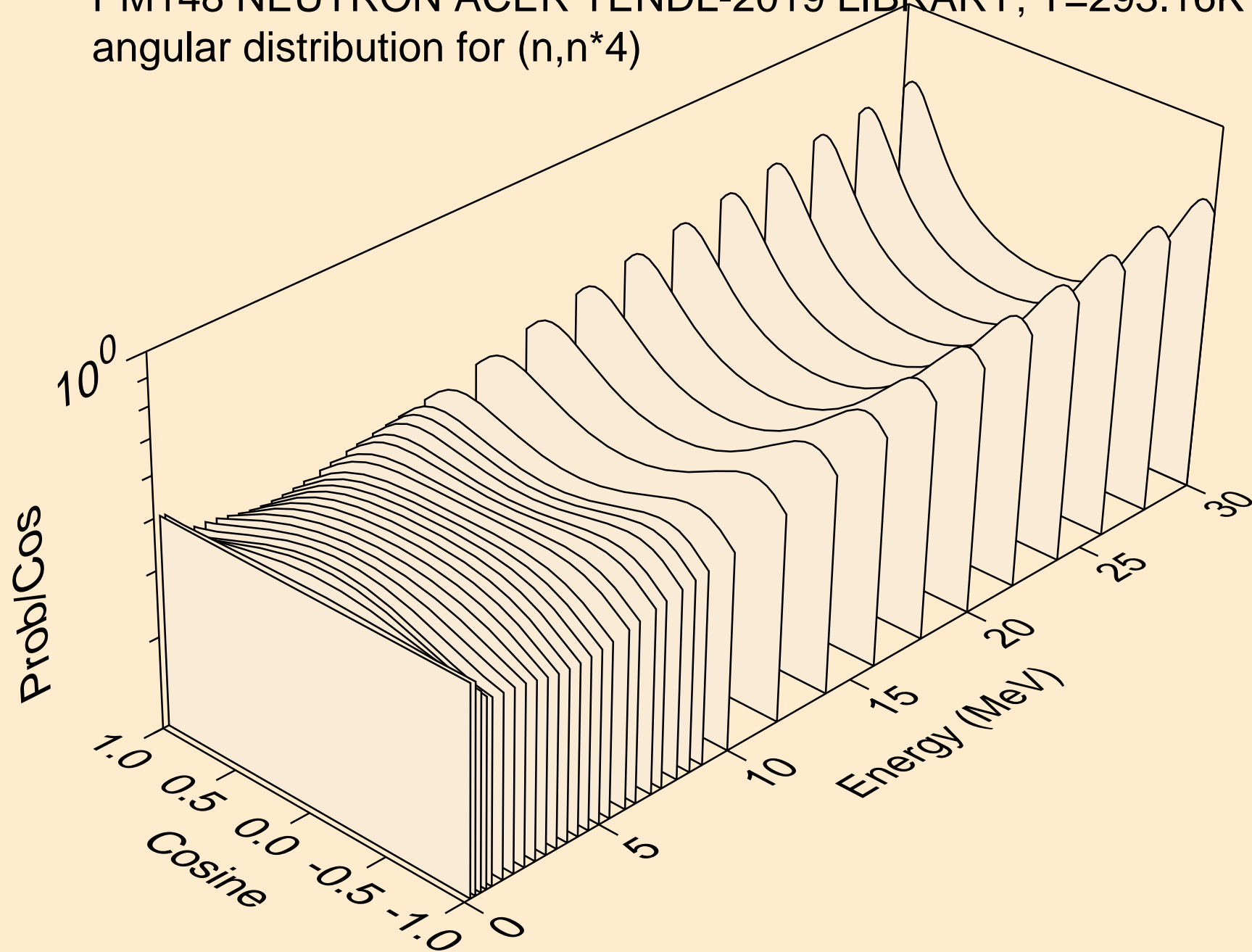
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angular distribution for (n,n*2)



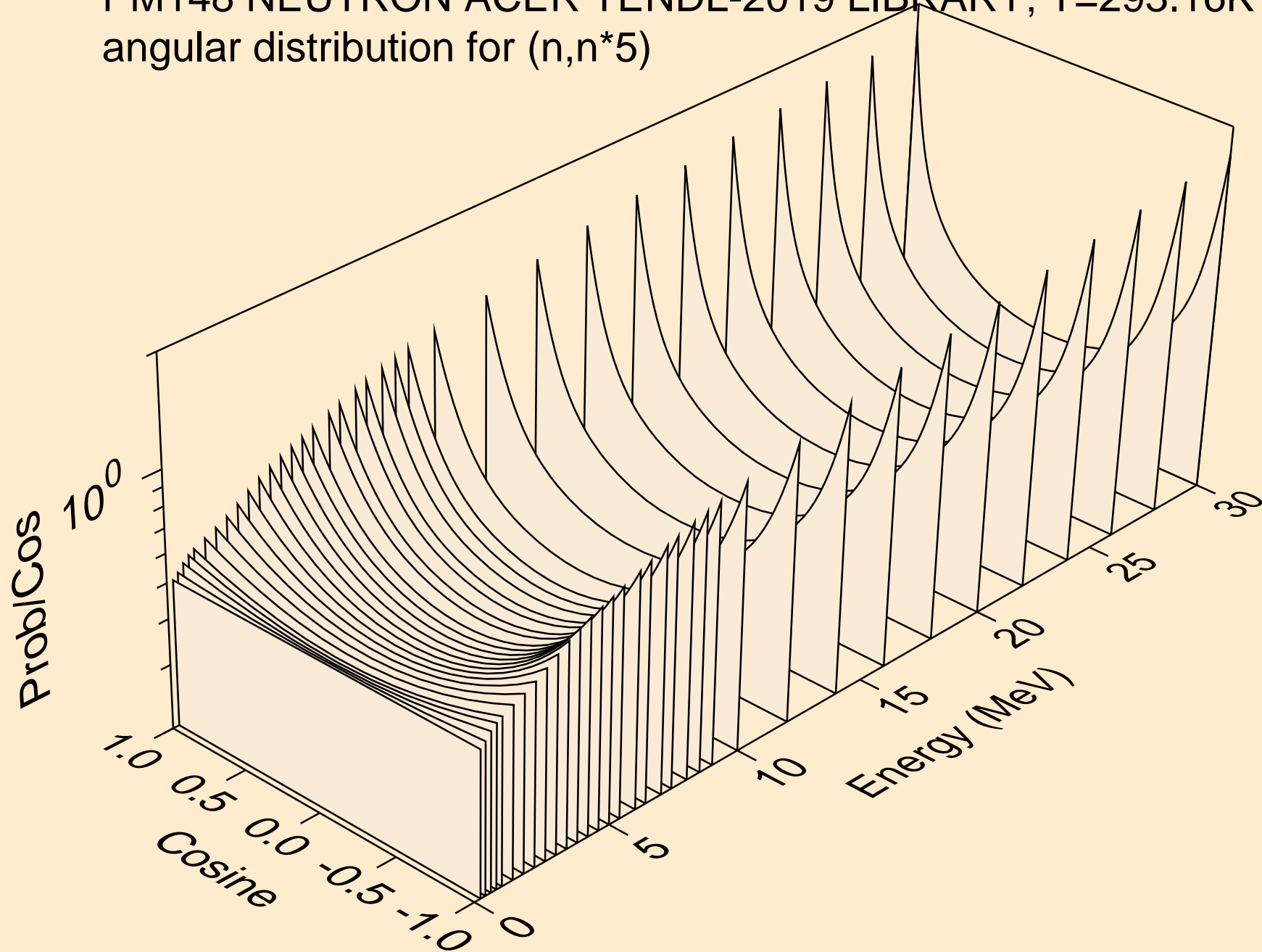
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



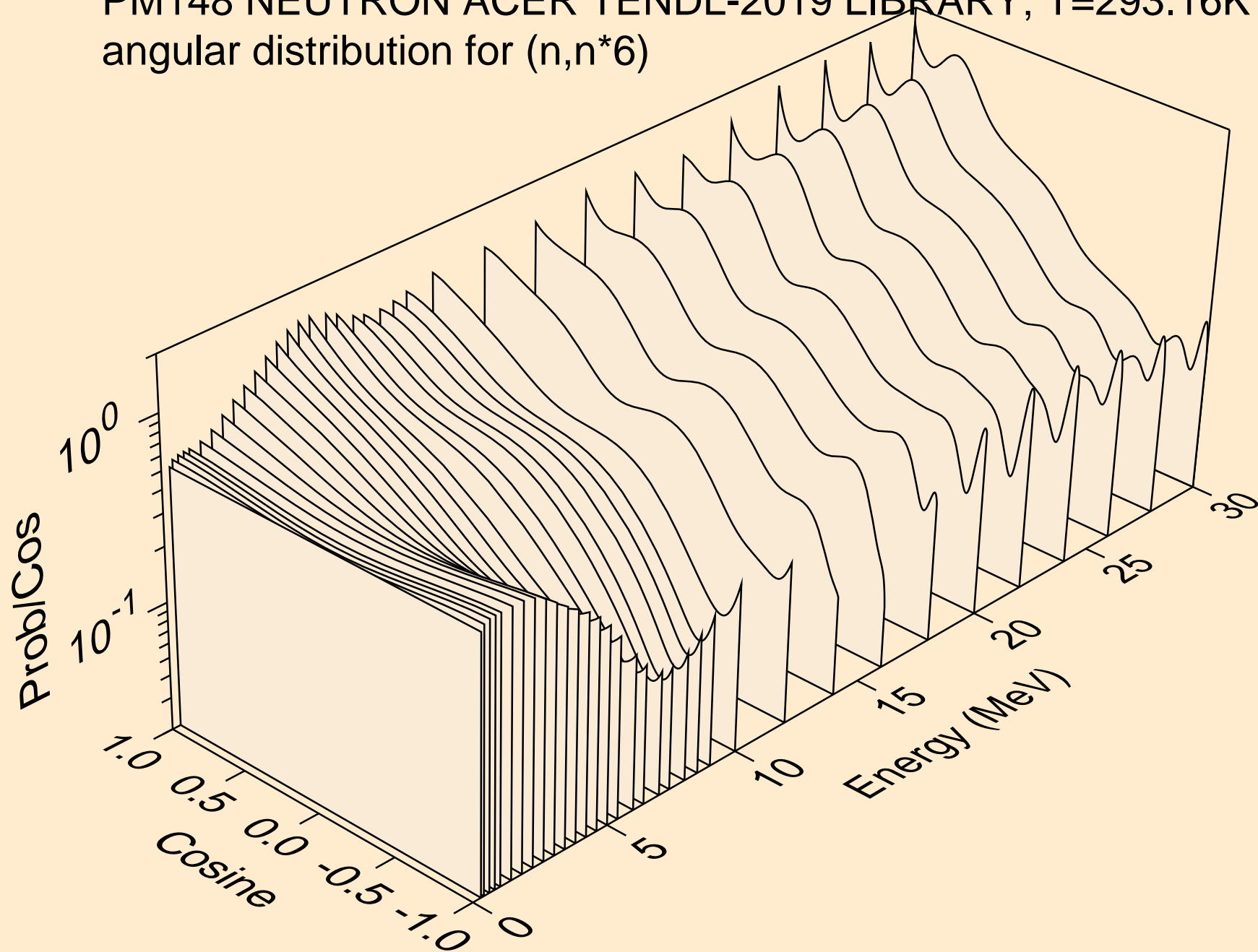
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



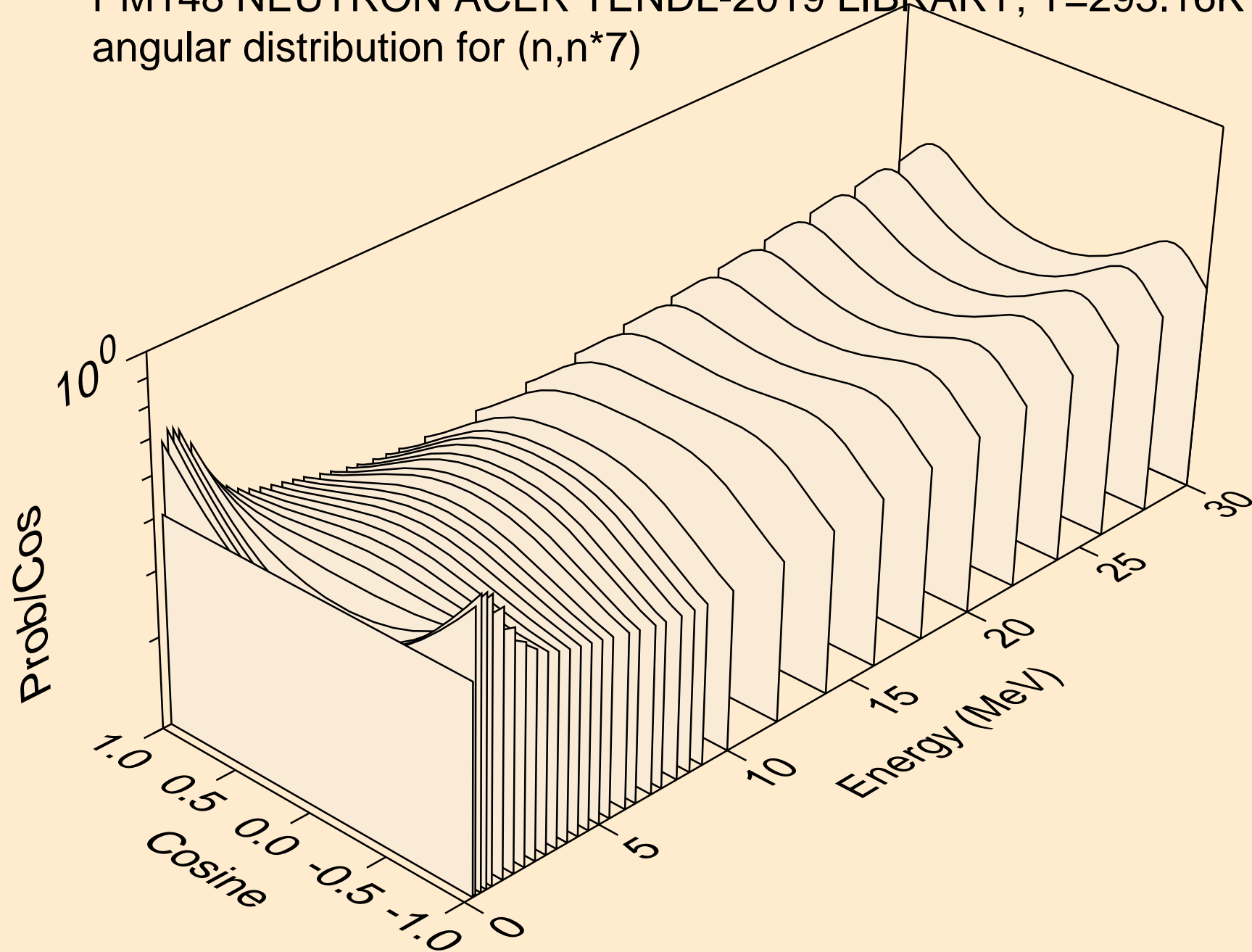
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



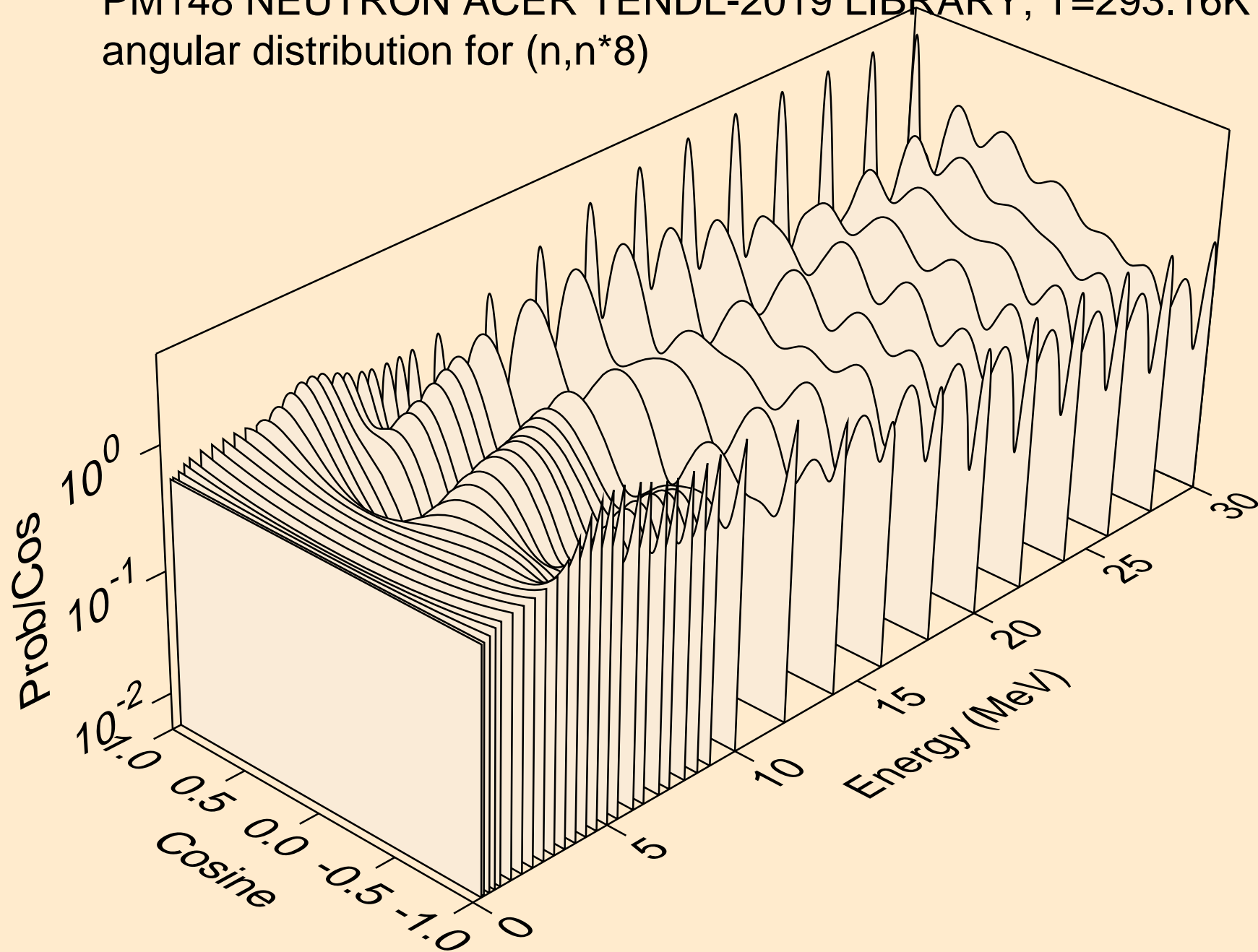
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



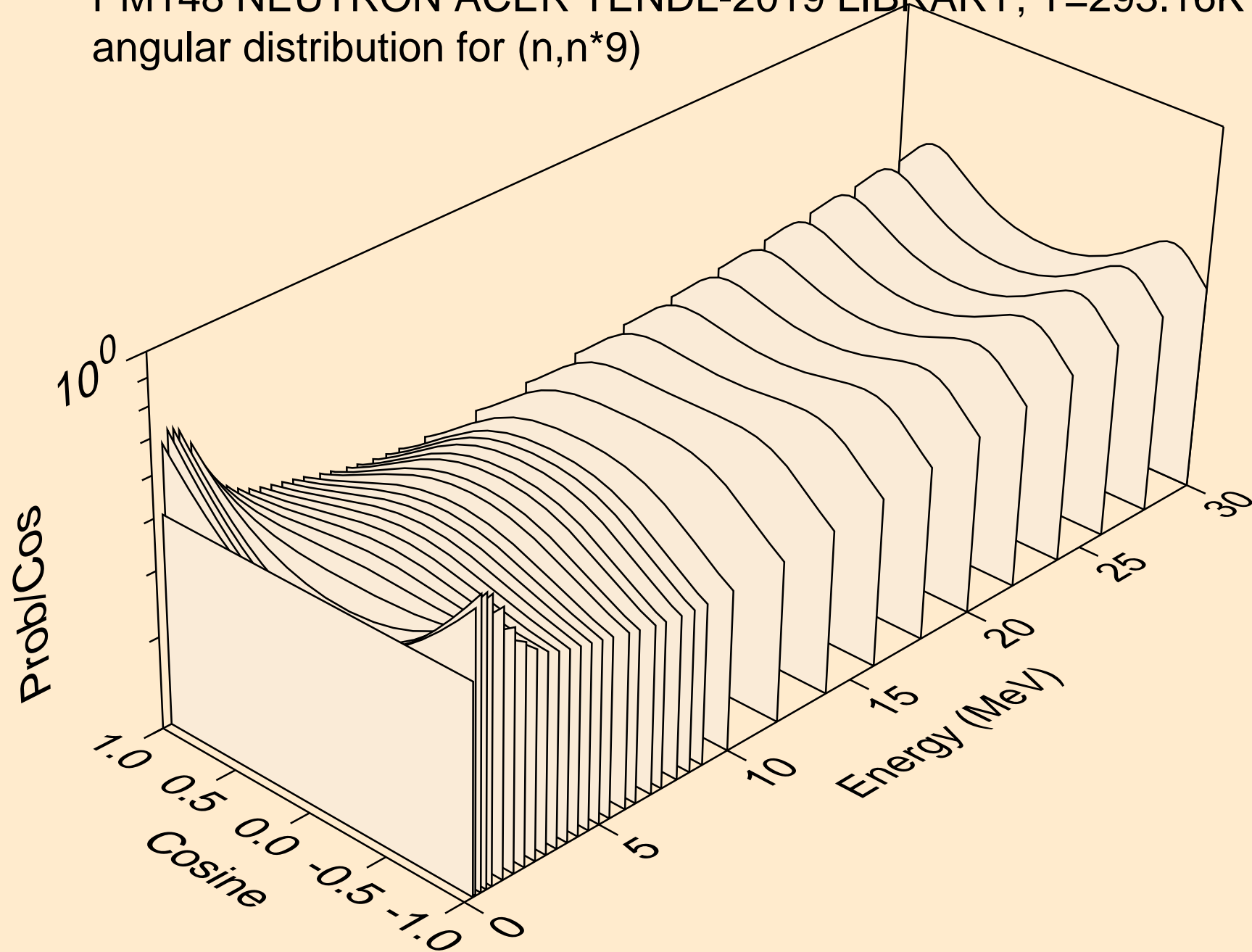
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



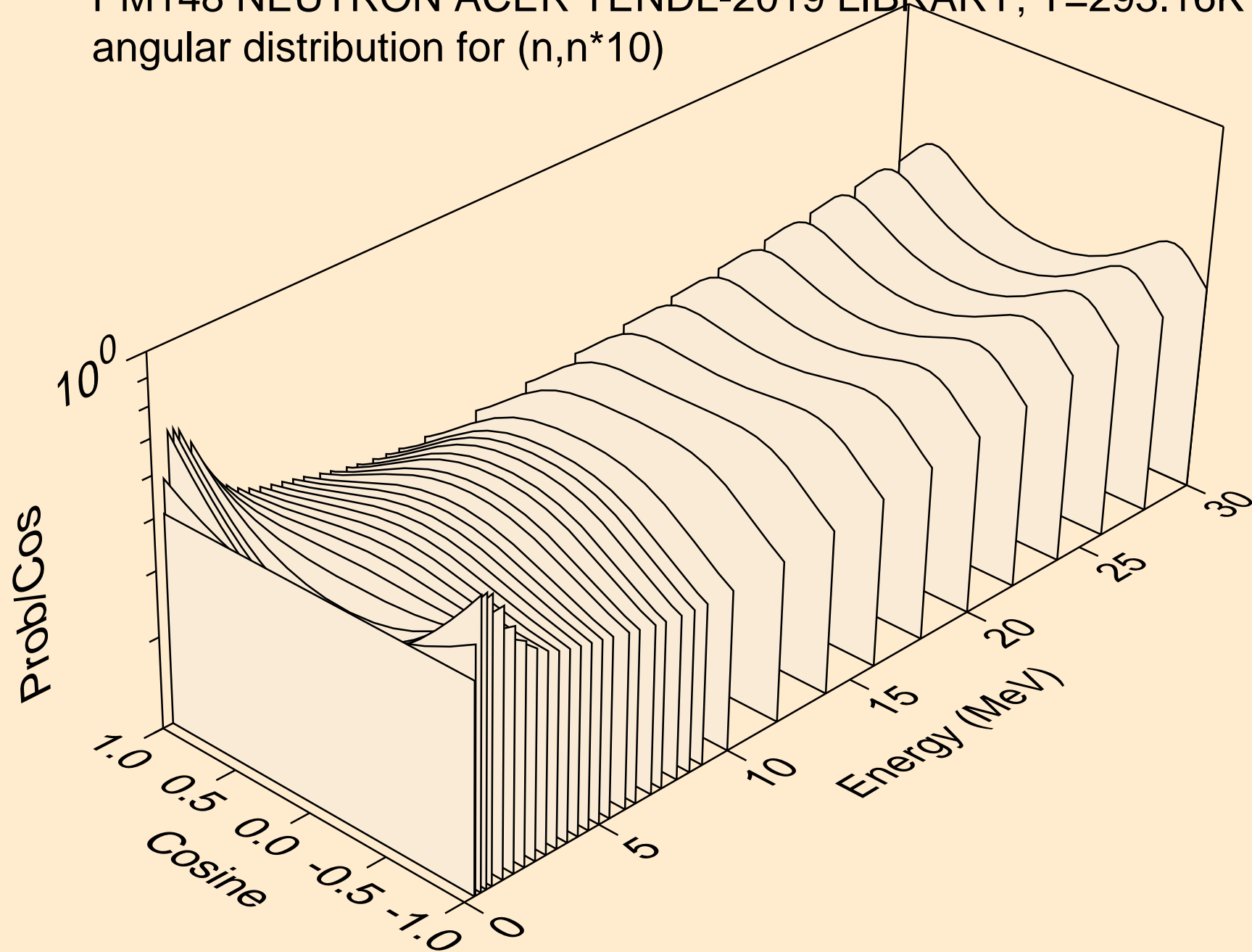
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angular distribution for (n,n*8)



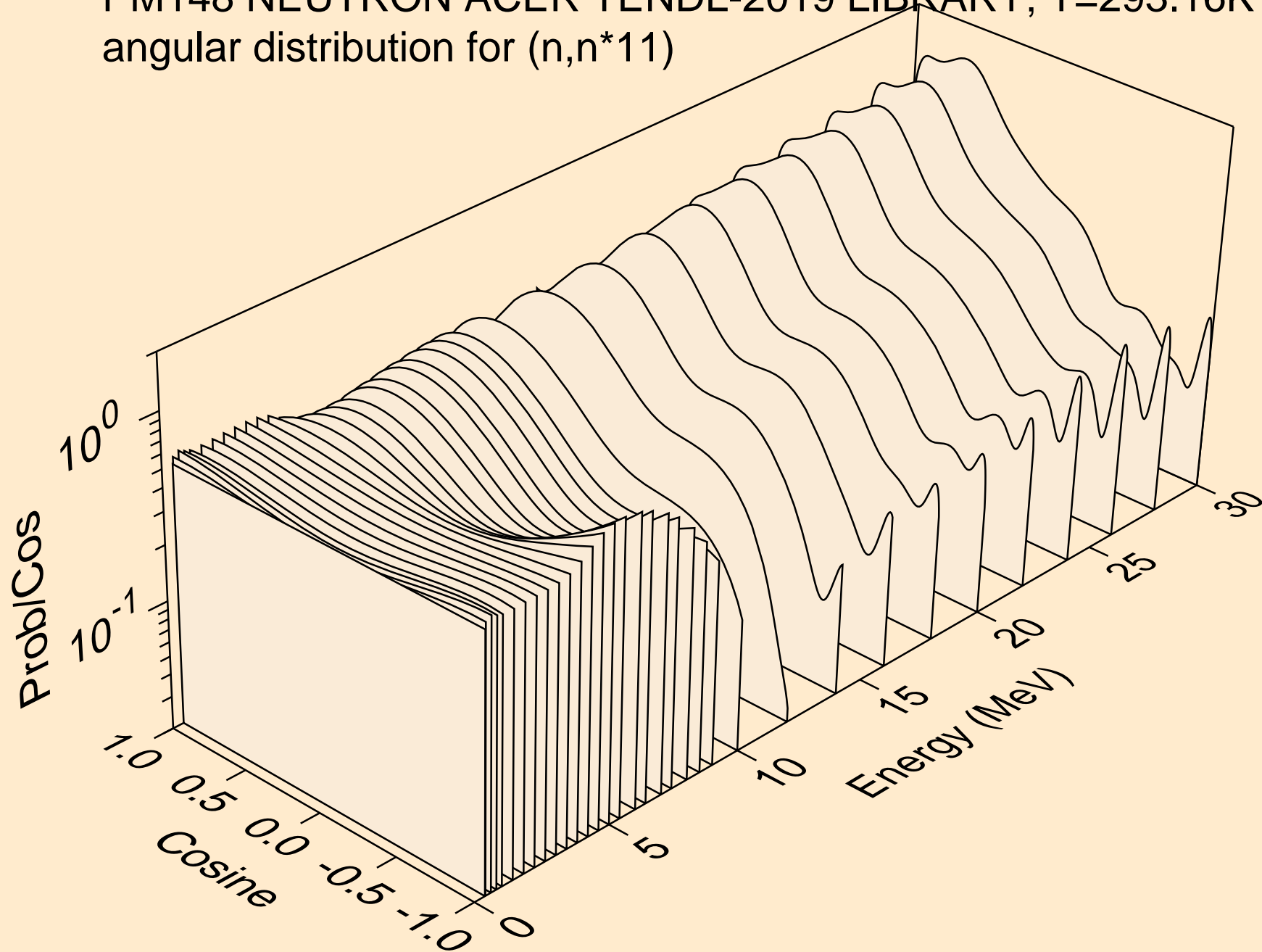
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angular distribution for (n,n*9)



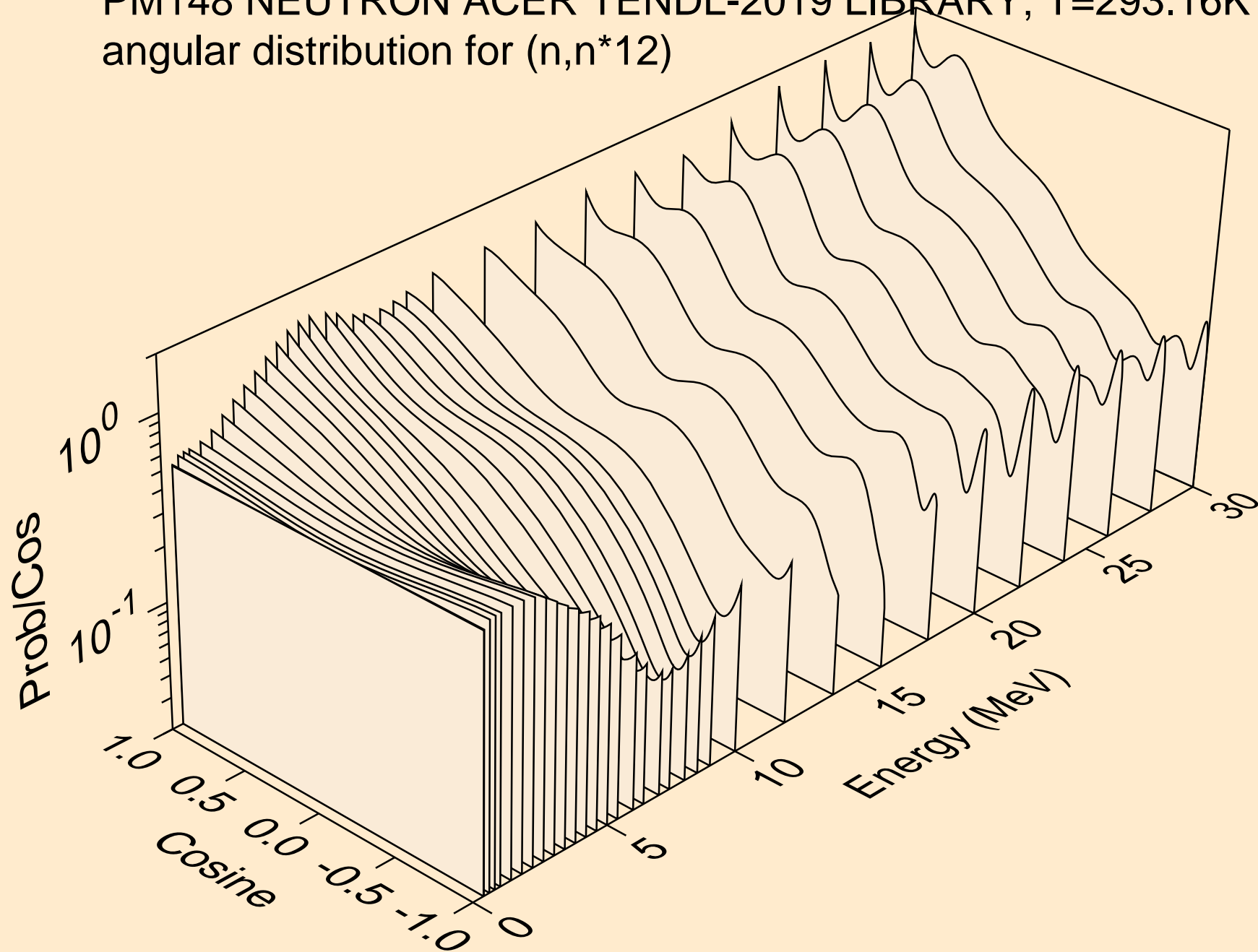
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



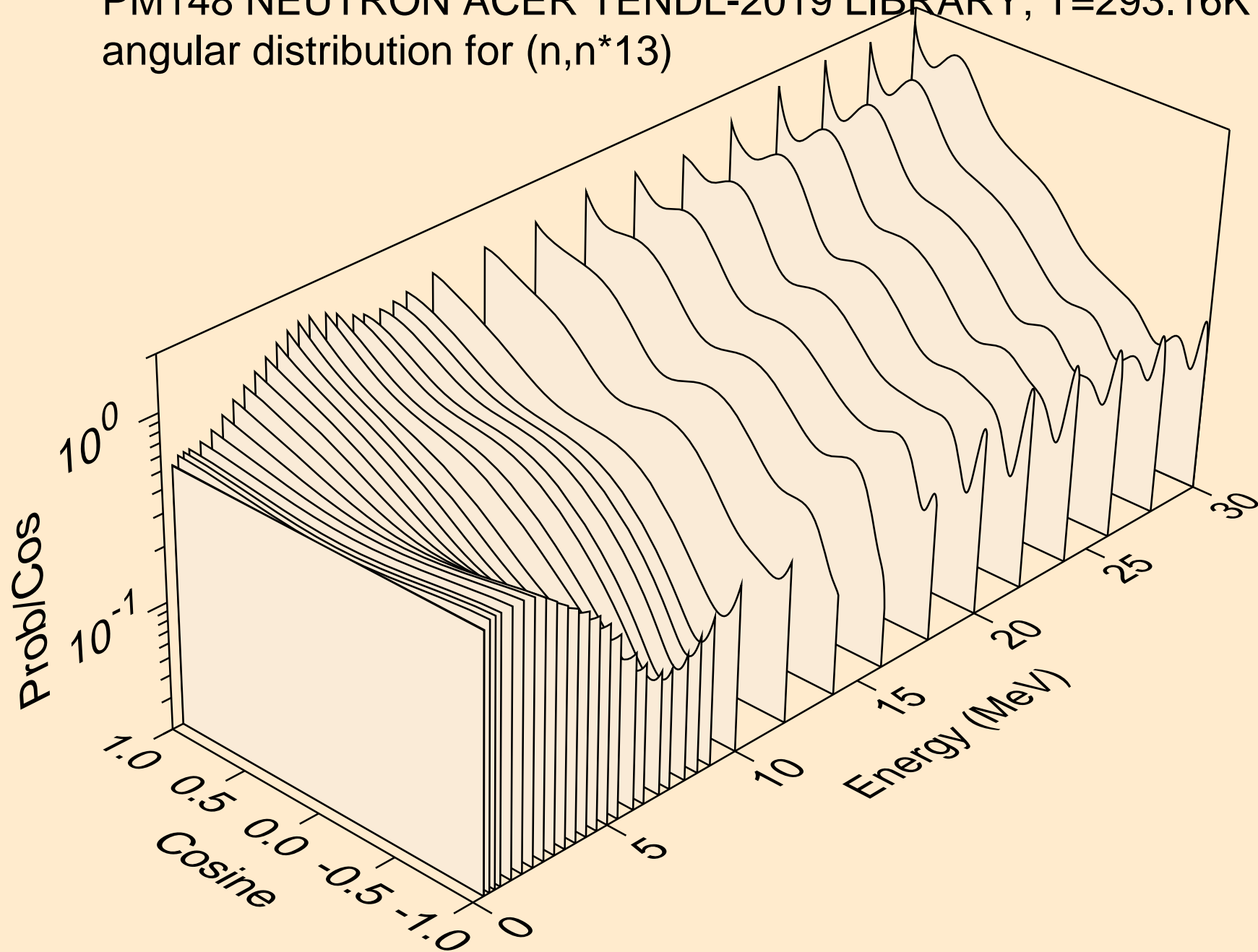
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



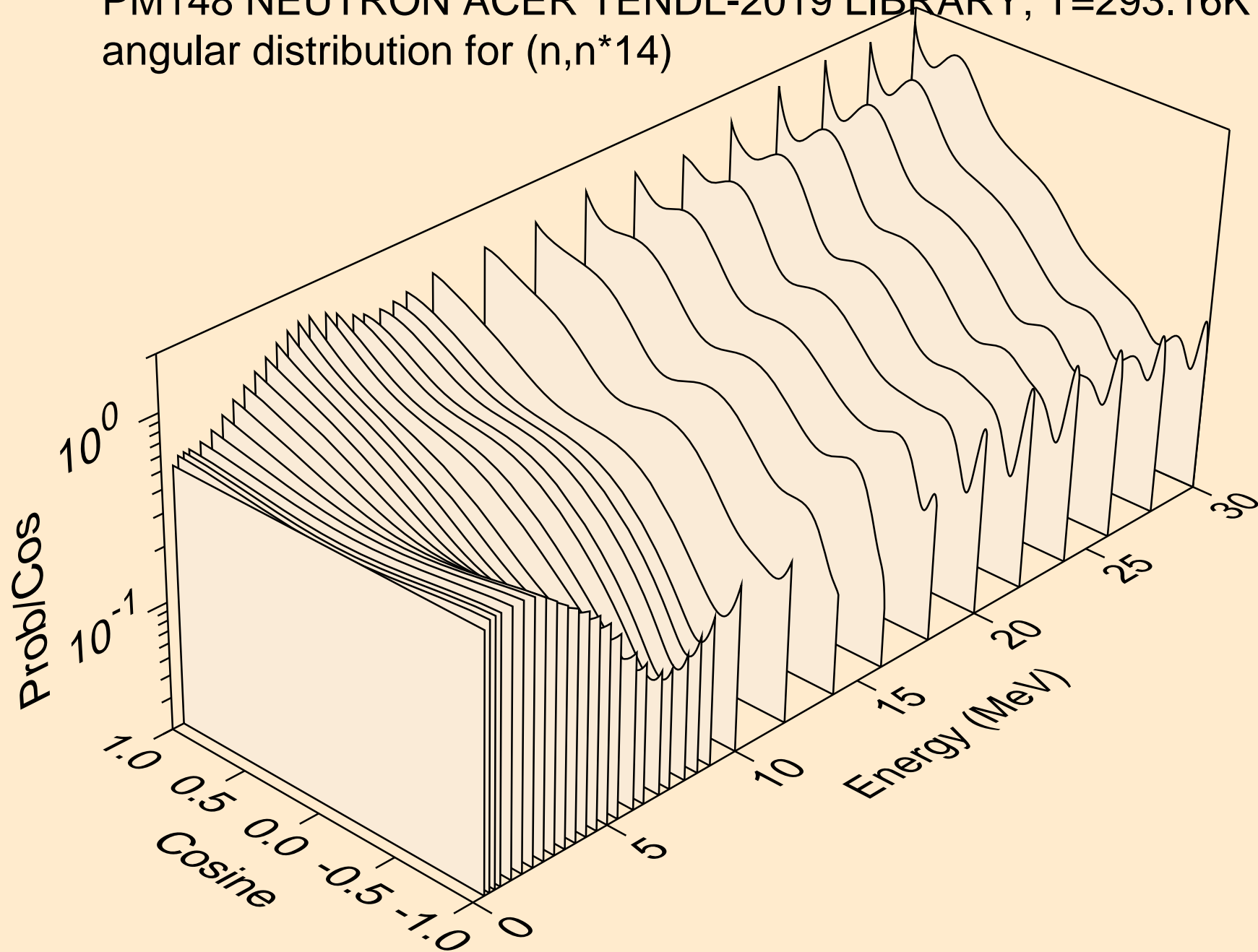
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



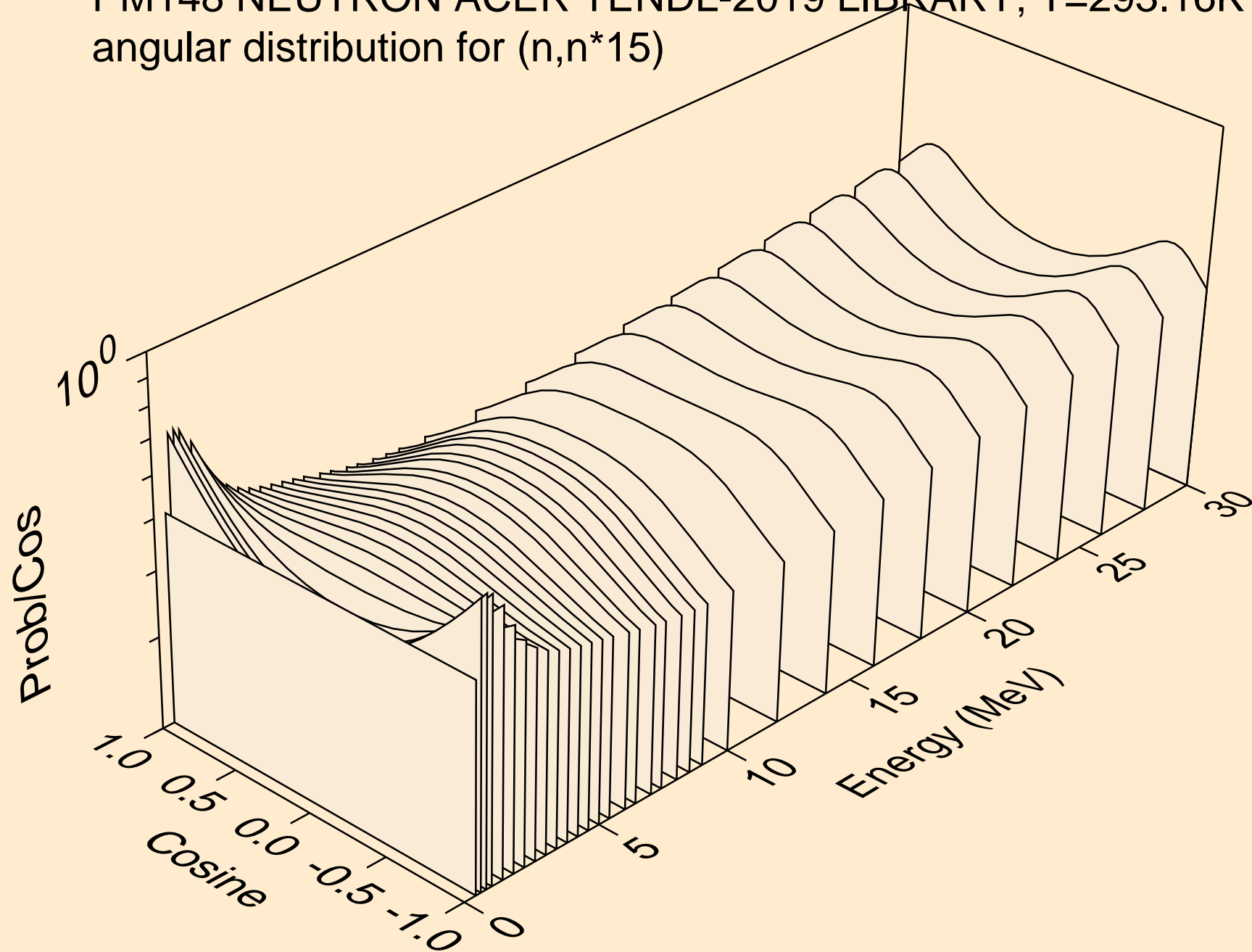
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angular distribution for (n,n*13)



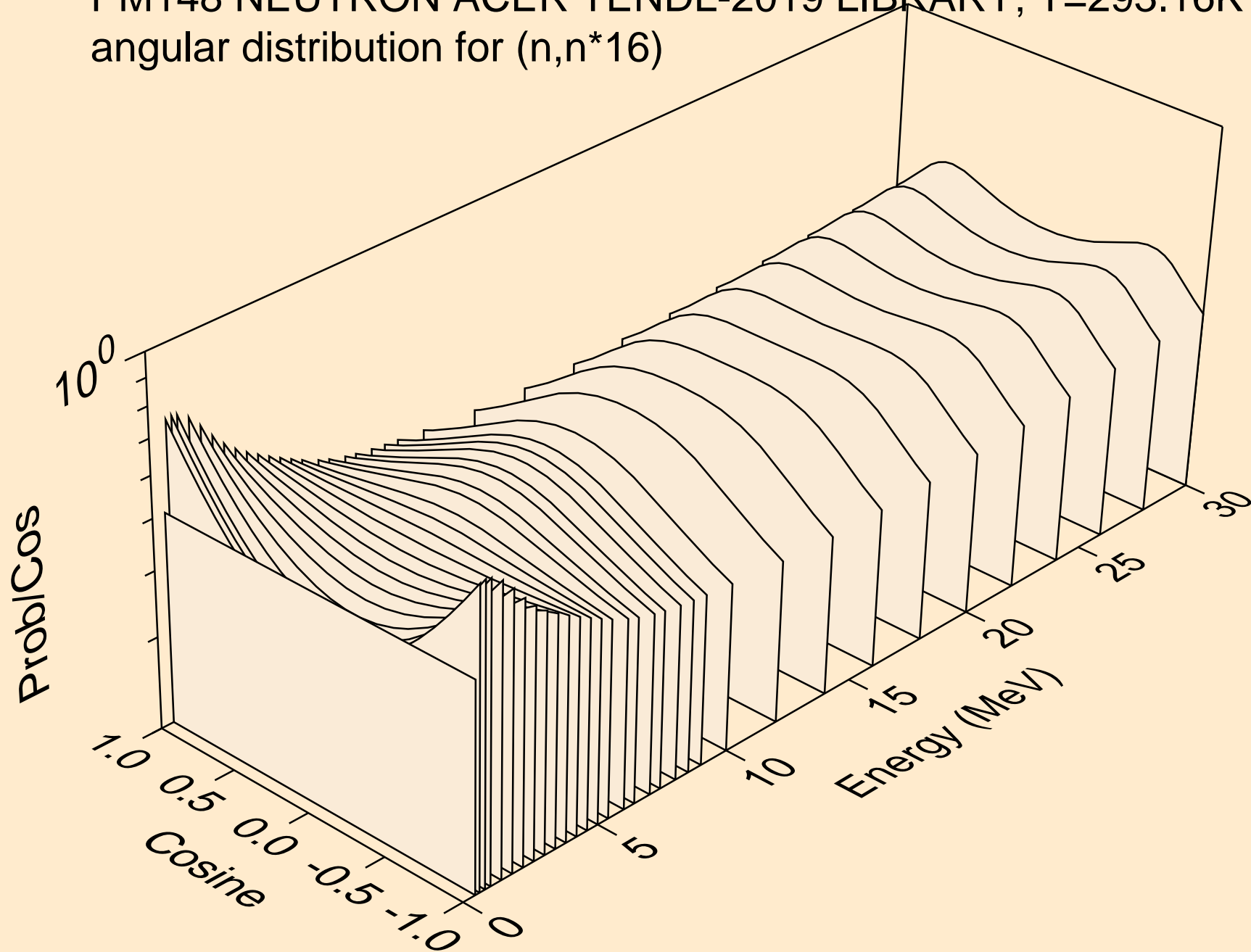
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angular distribution for (n,n*14)



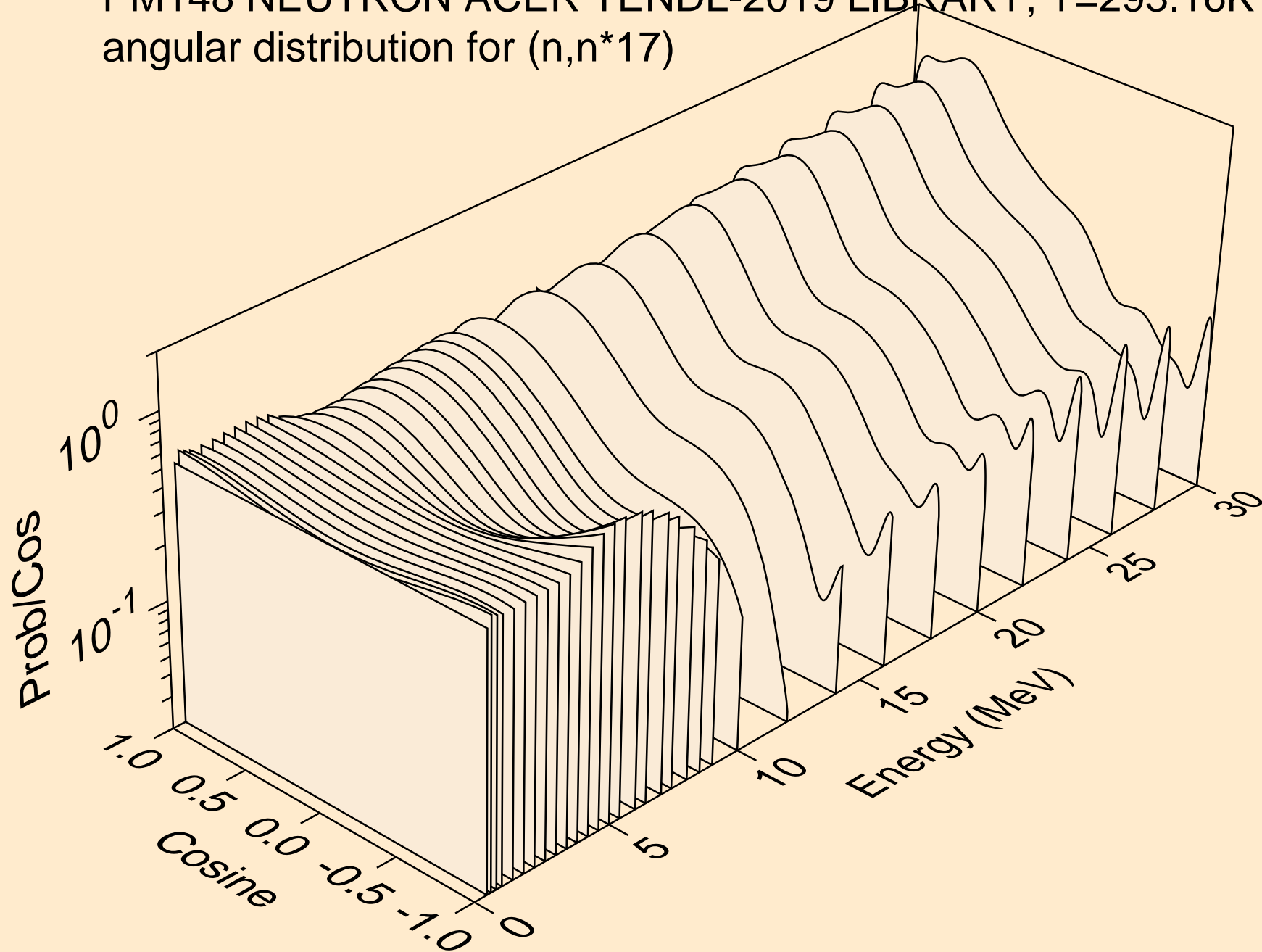
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angular distribution for (n,n*15)



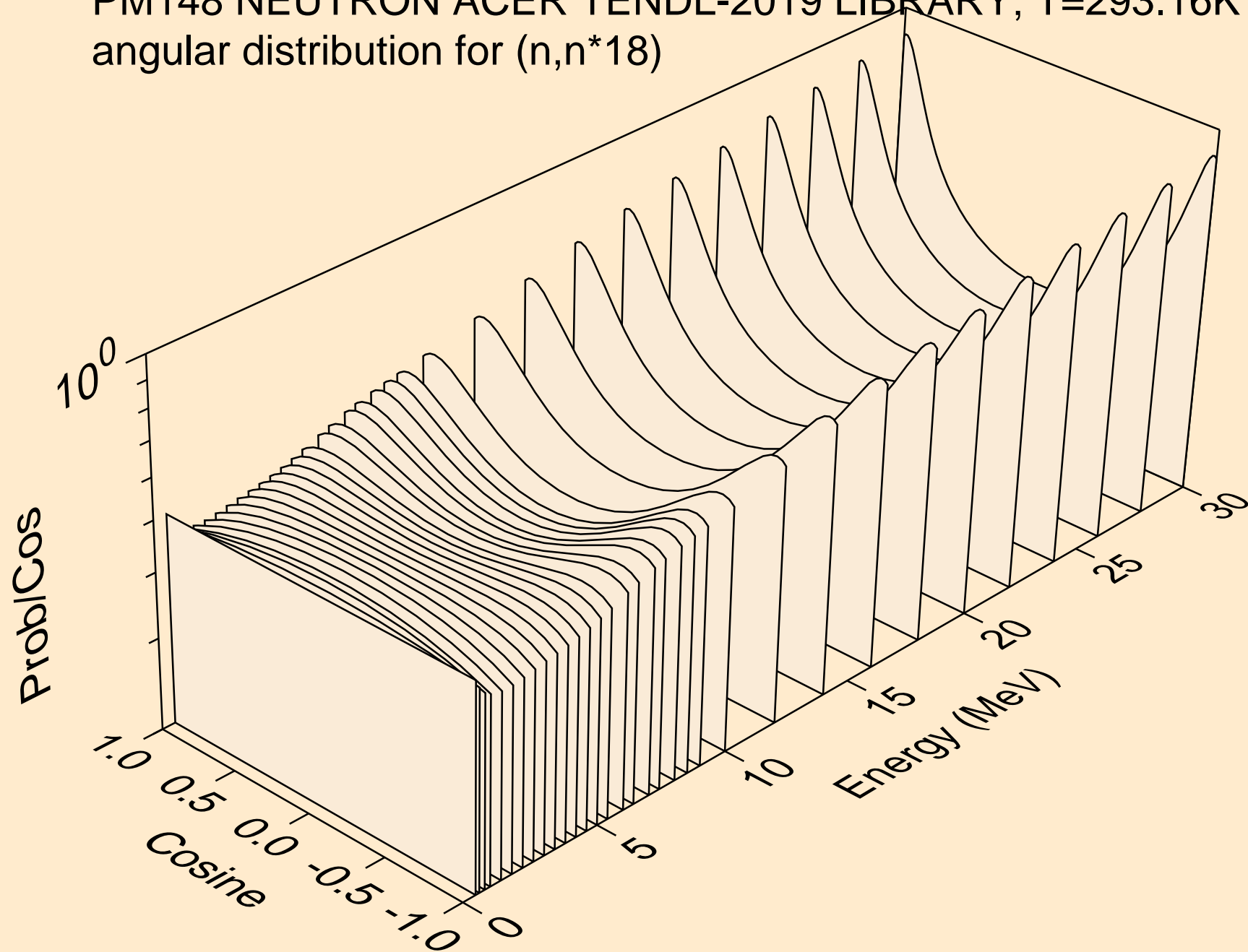
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angular distribution for (n,n*16)



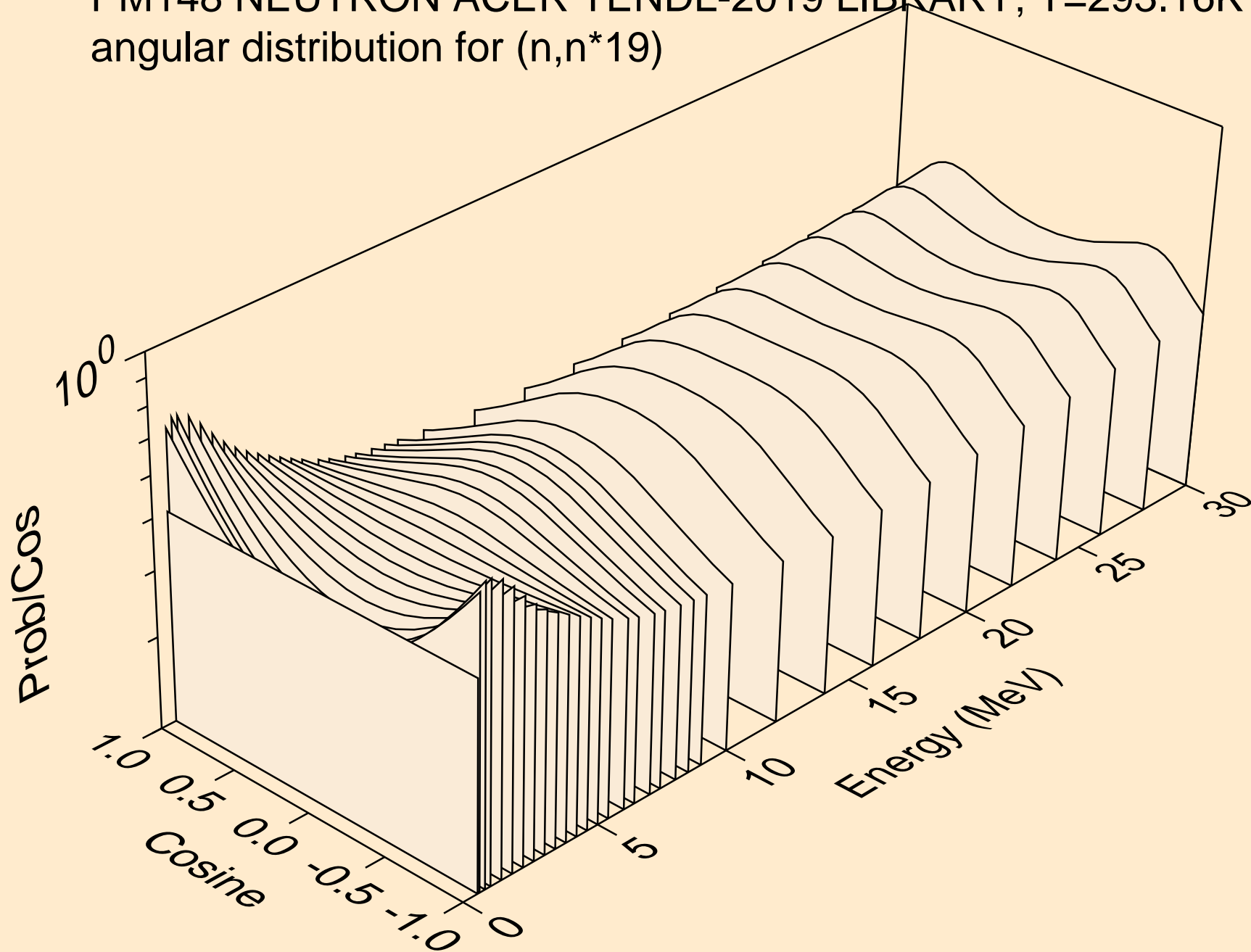
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



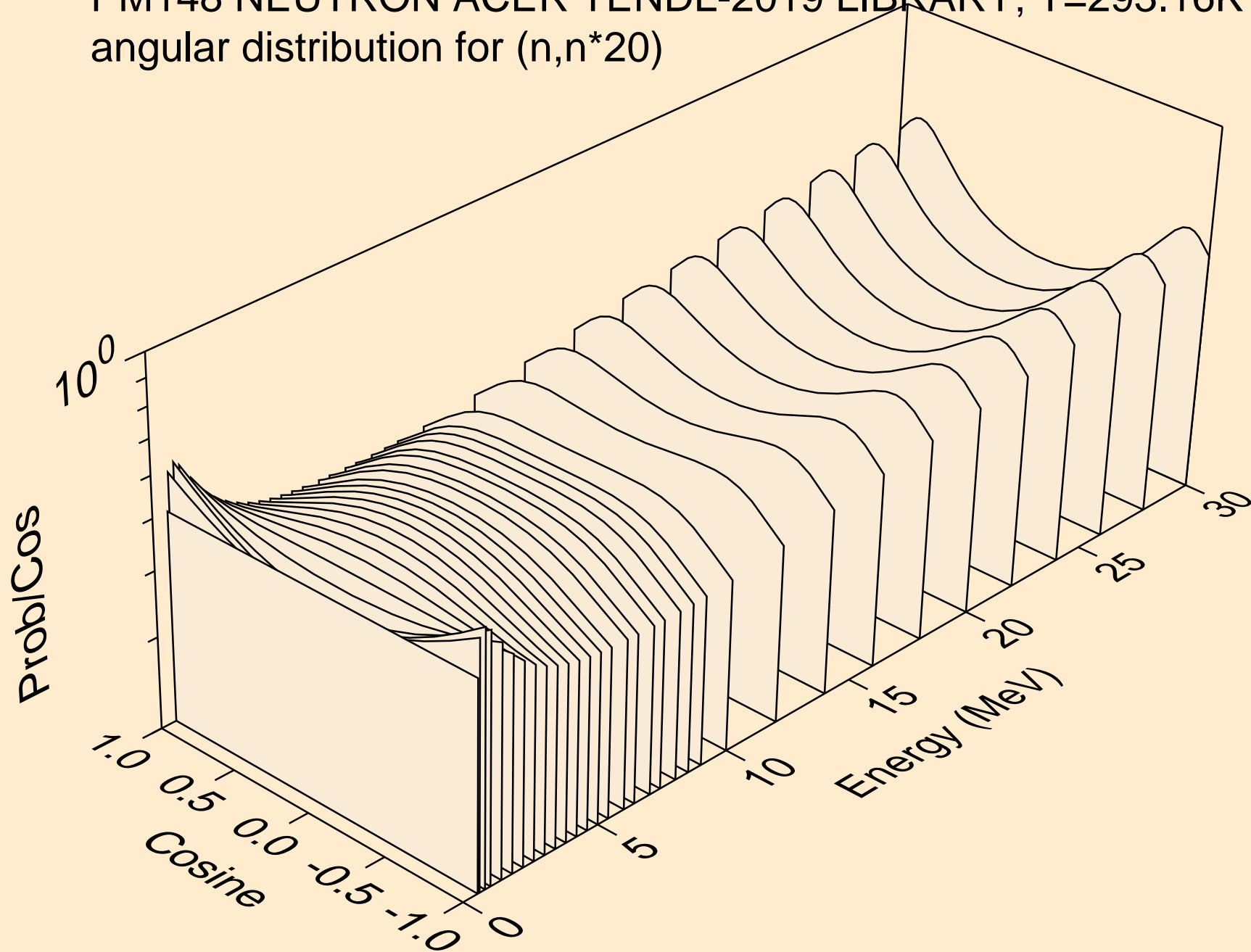
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angular distribution for (n,n*18)



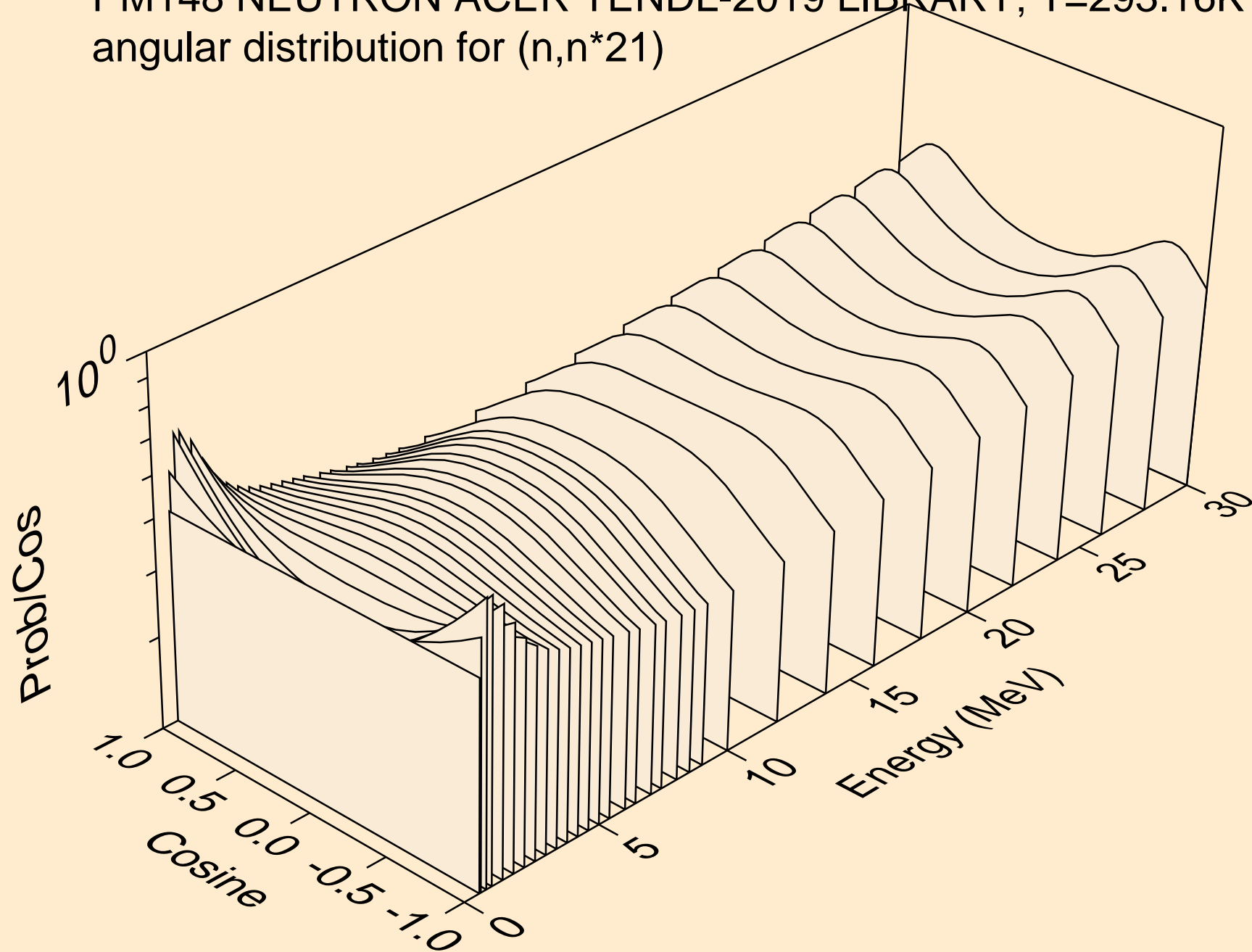
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



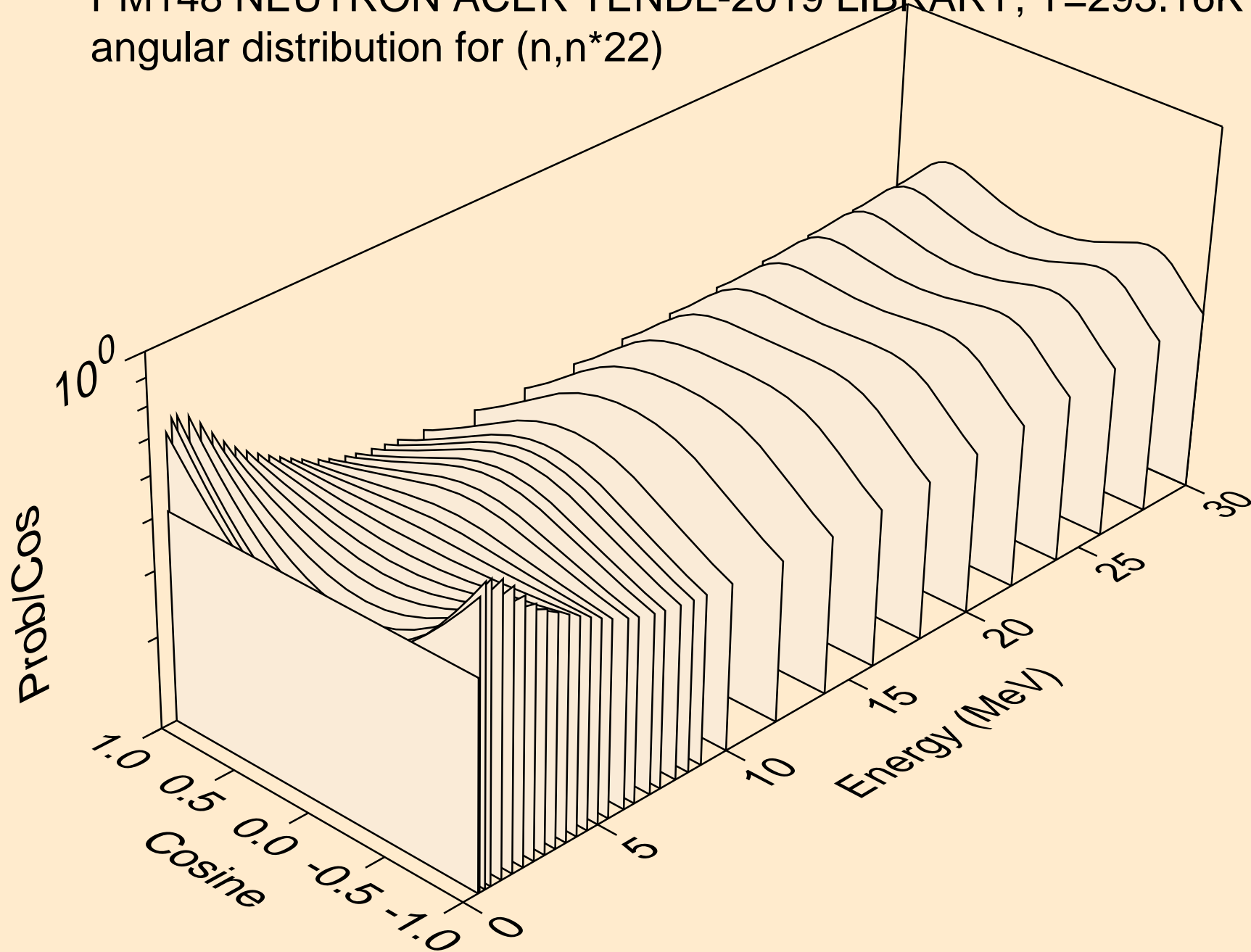
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angular distribution for (n,n*20)



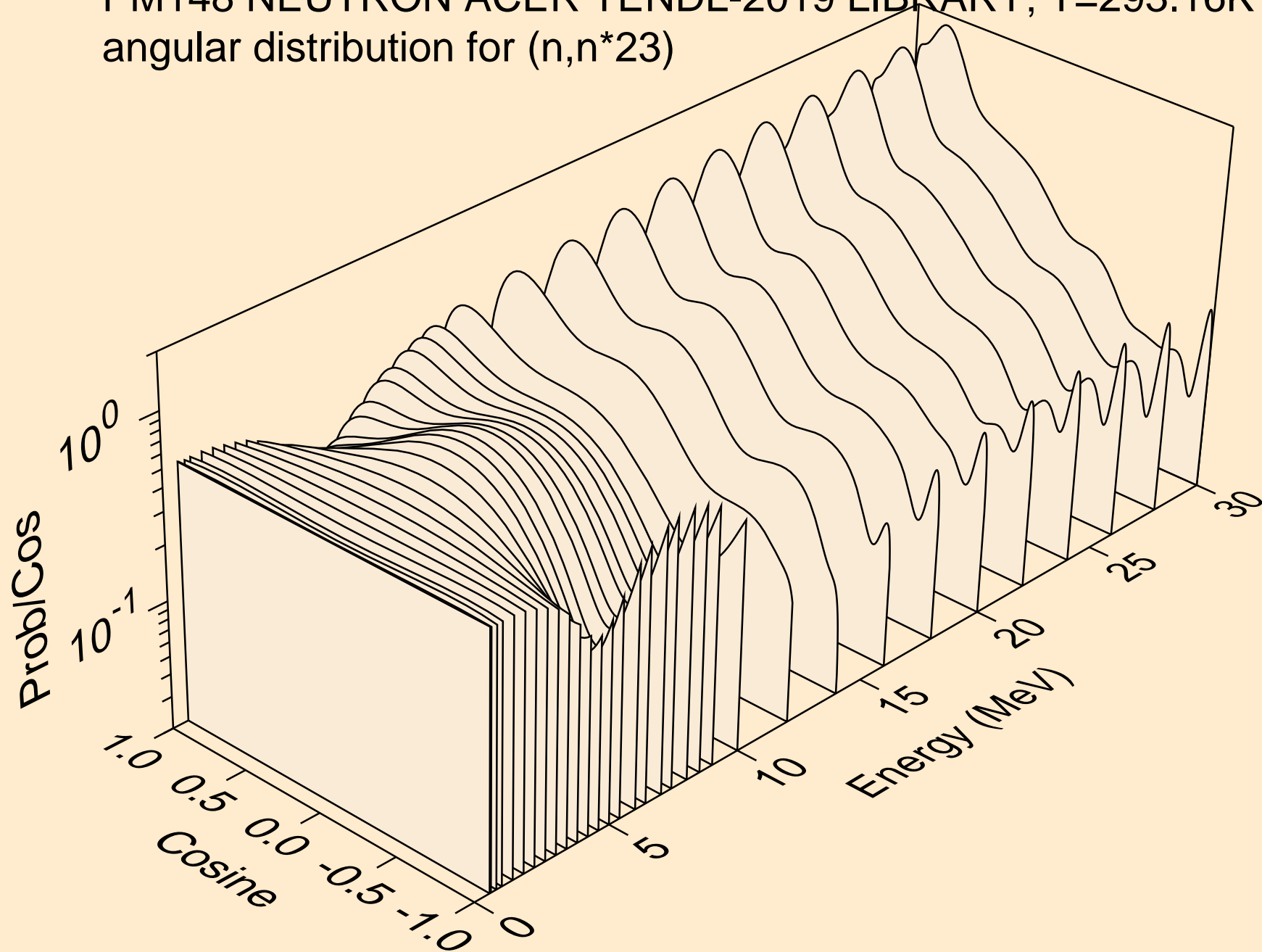
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



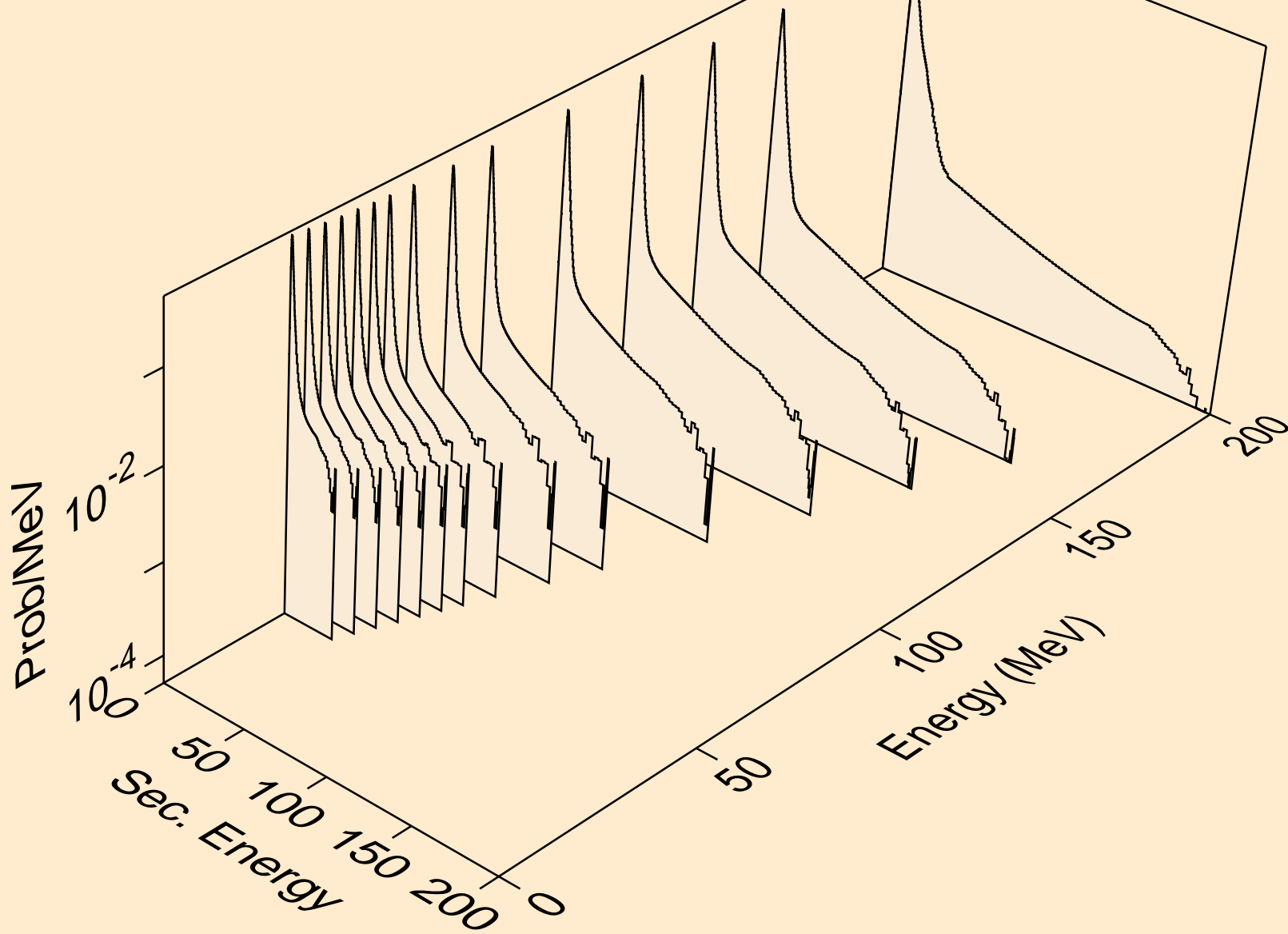
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angular distribution for (n,n*22)



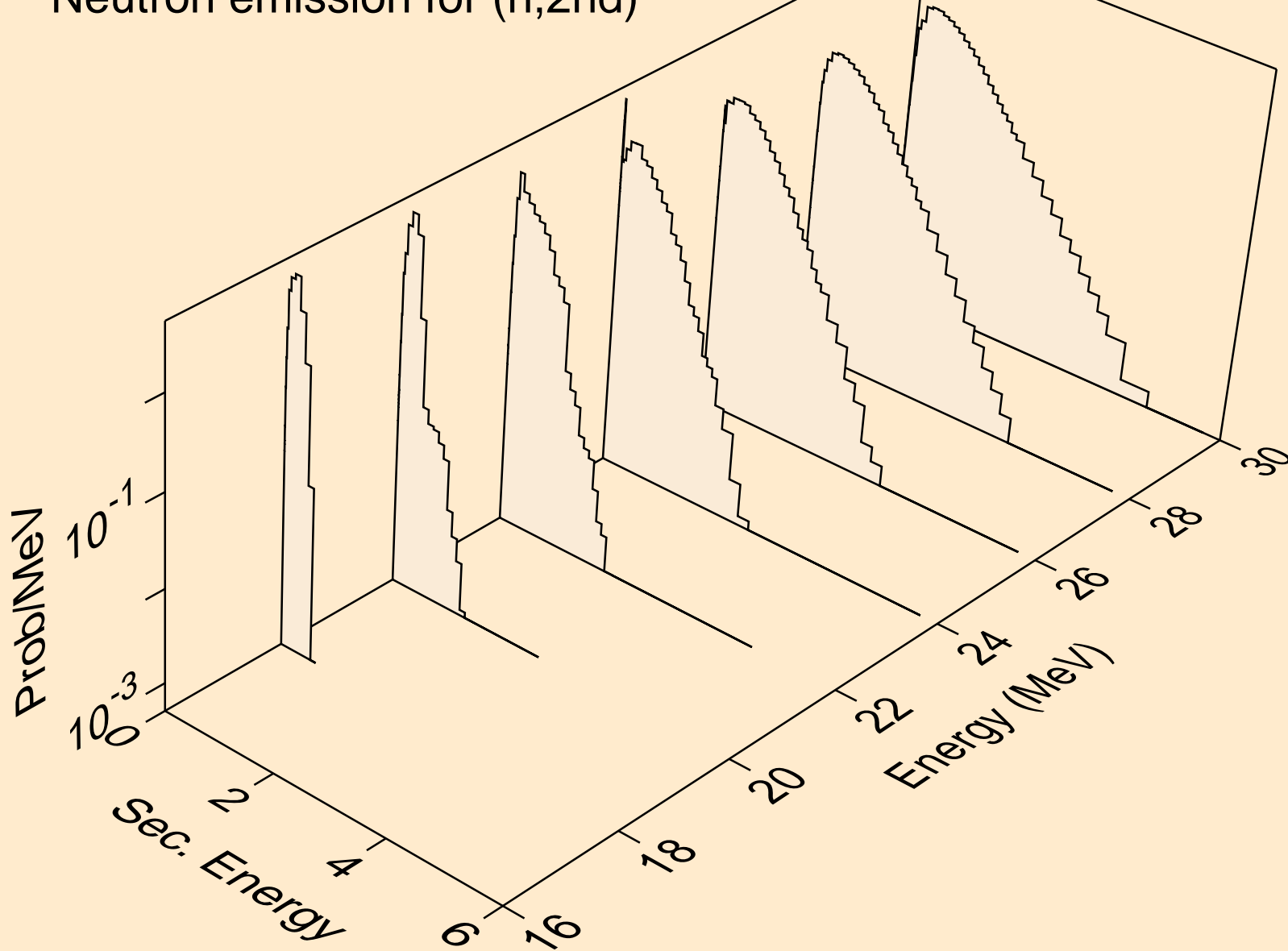
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angular distribution for (n,n*23)



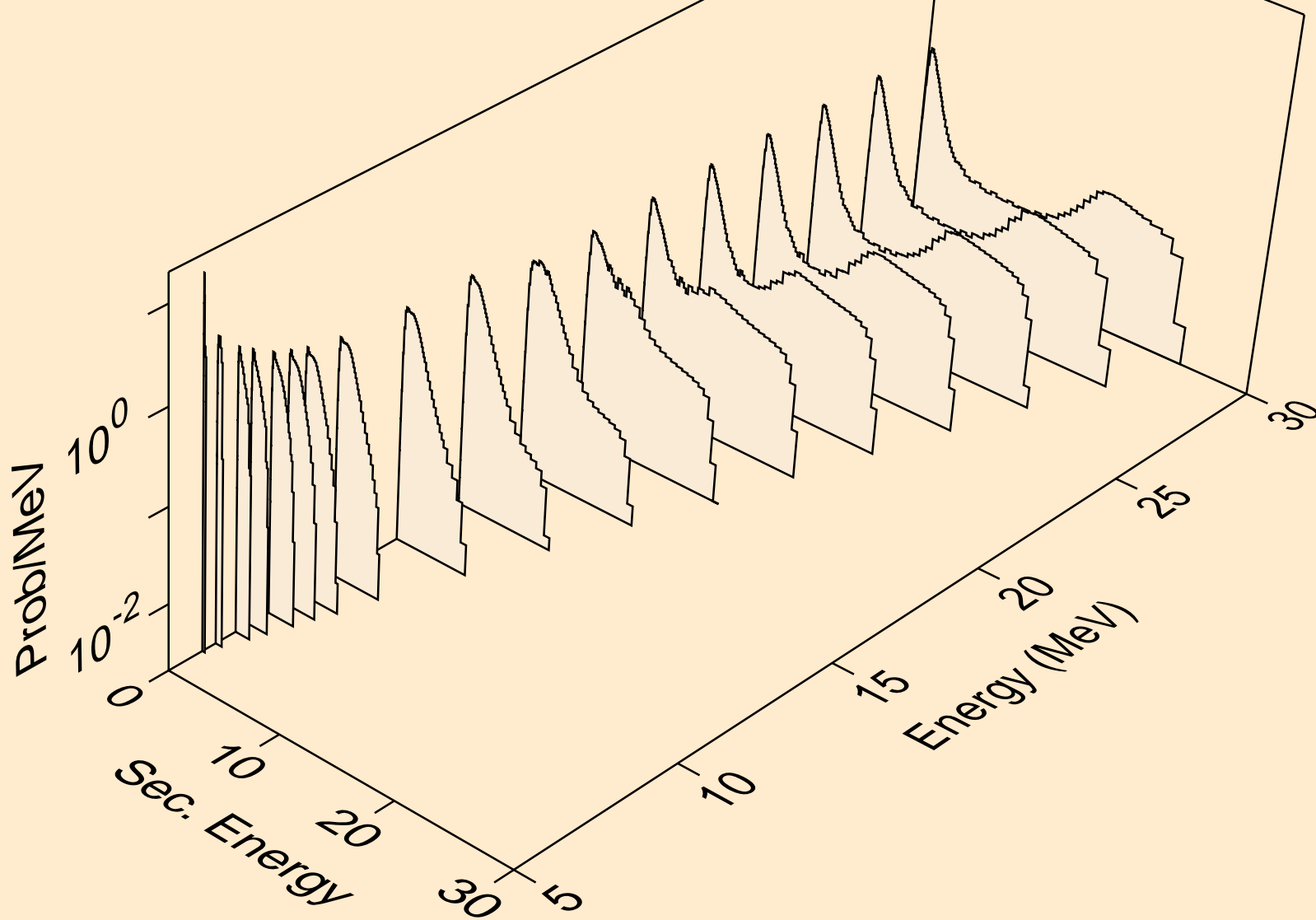
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



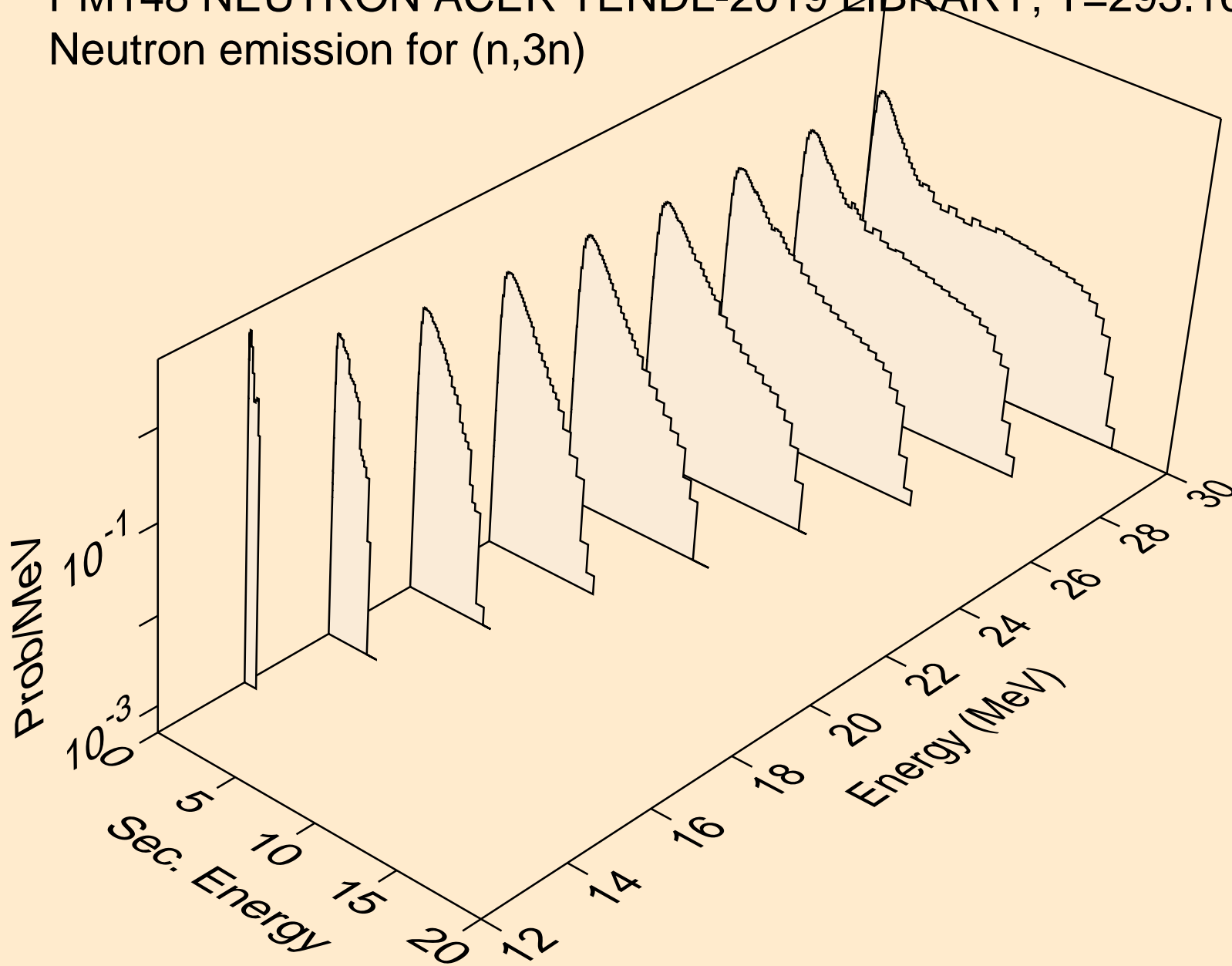
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



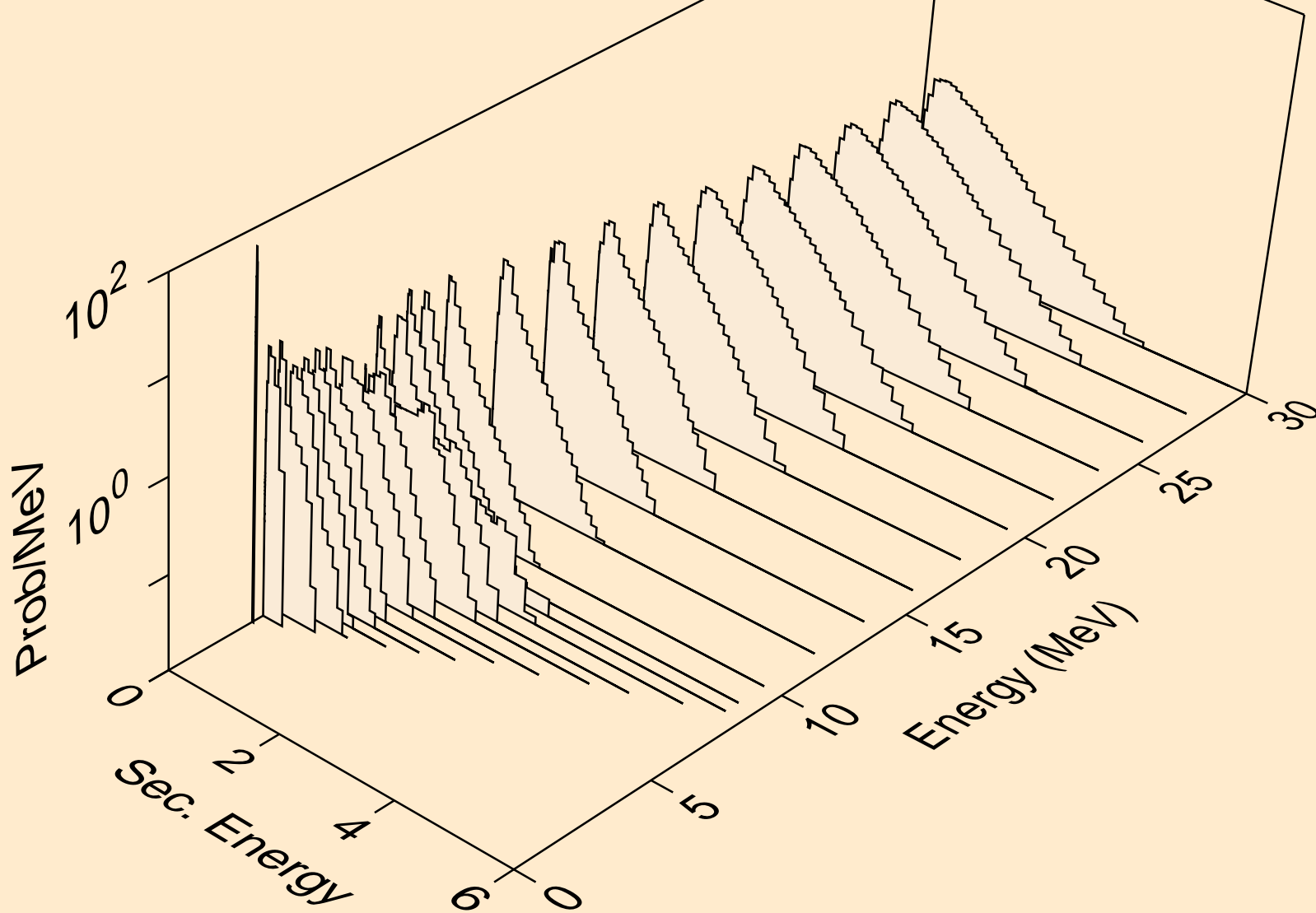
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



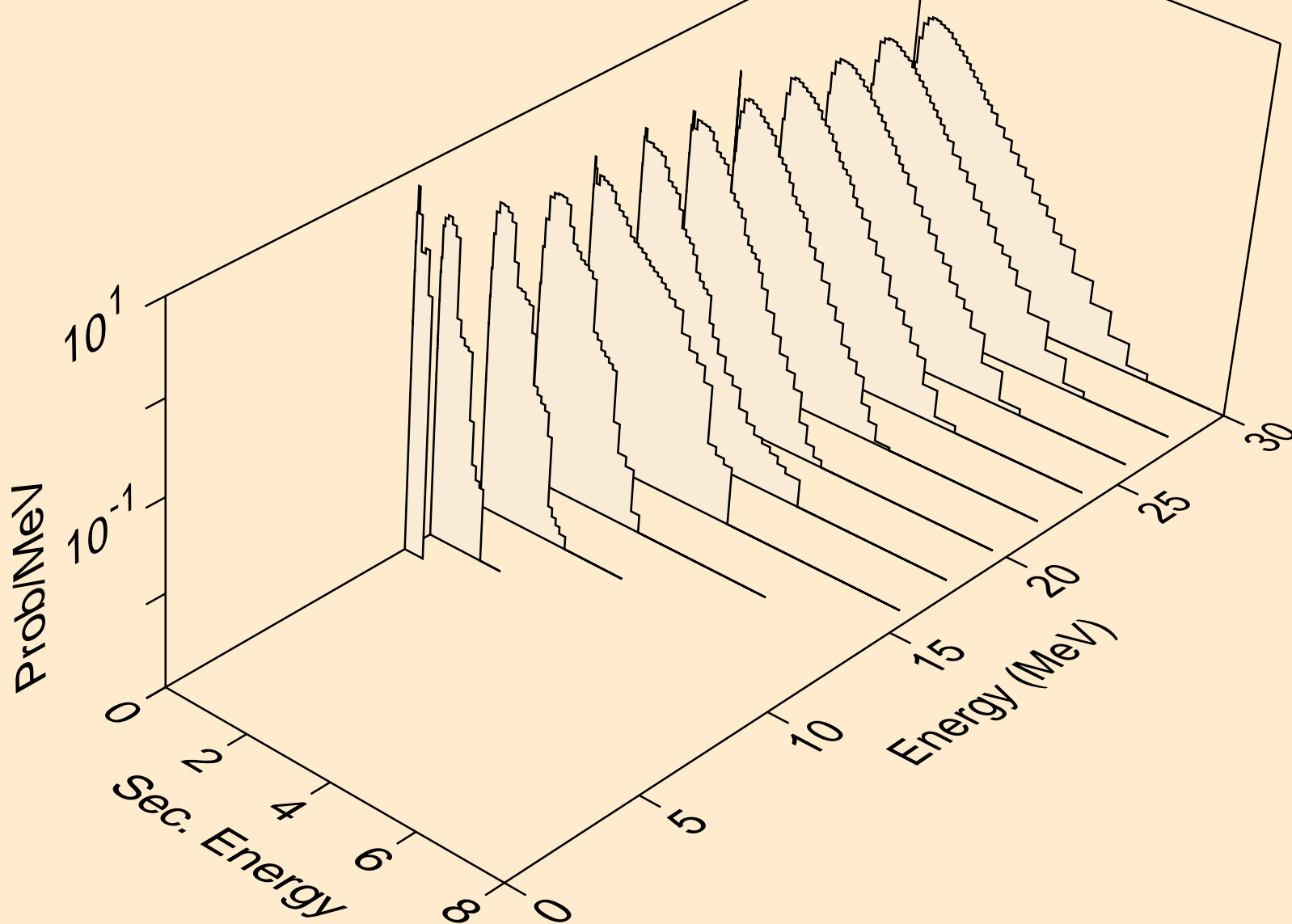
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



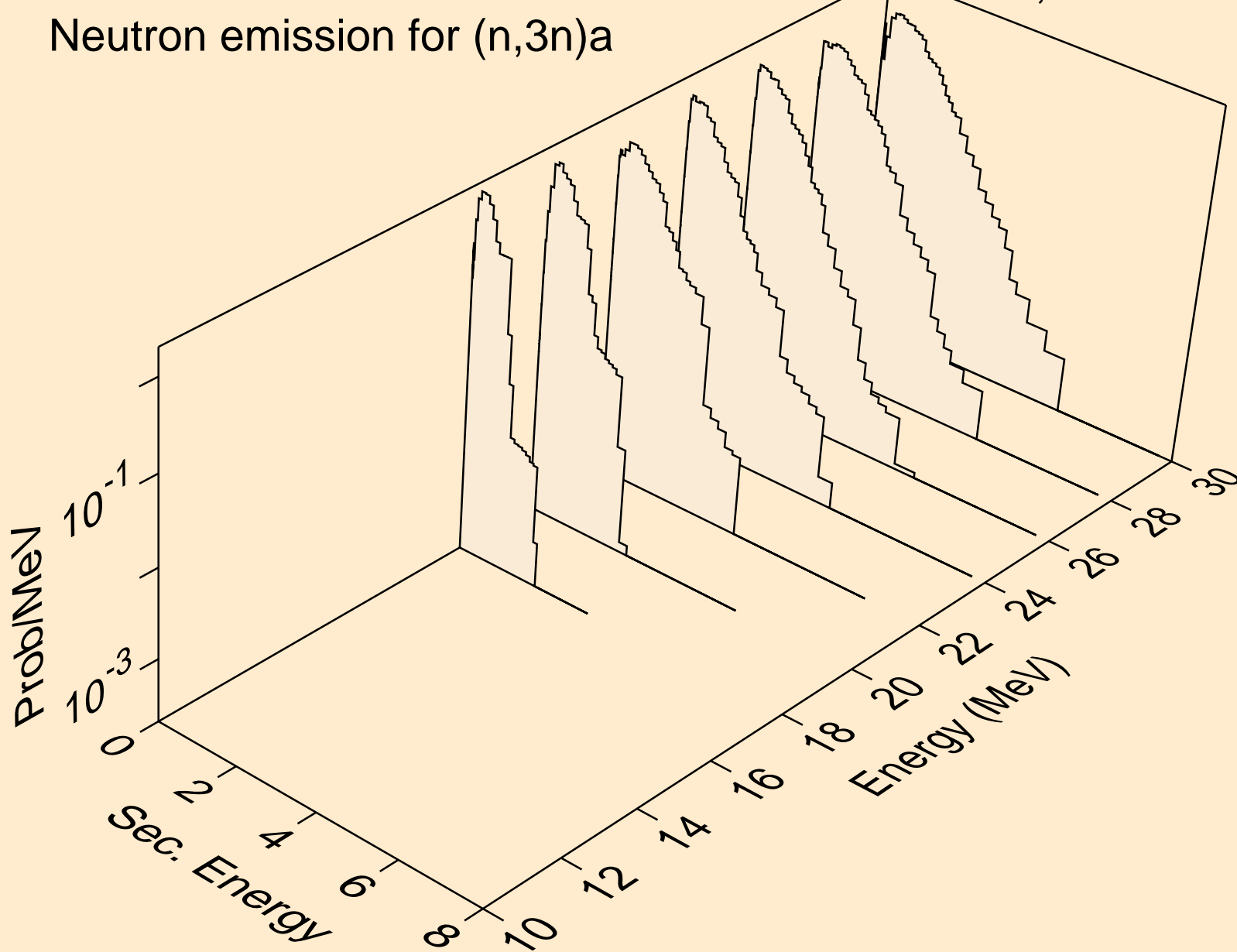
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



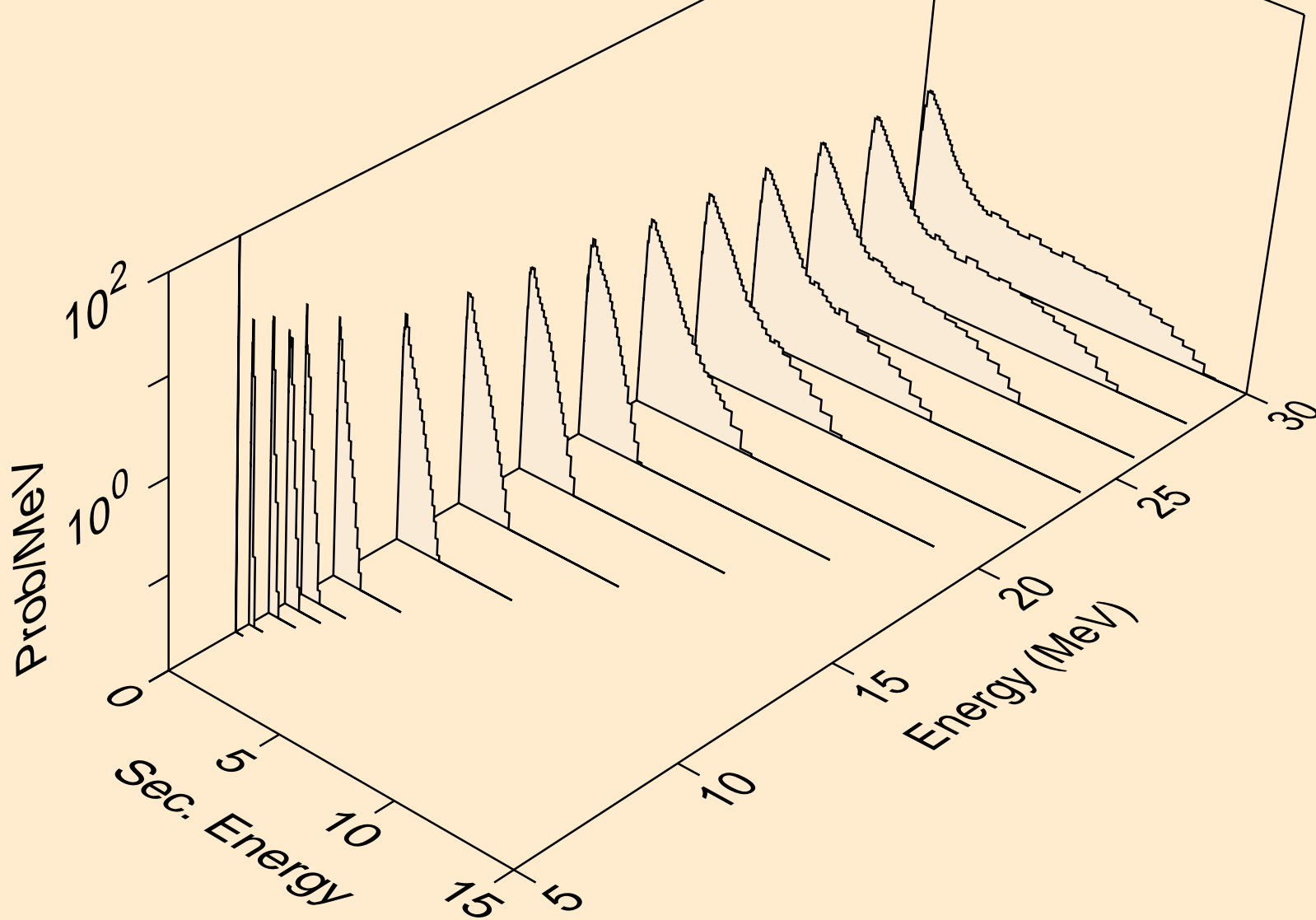
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



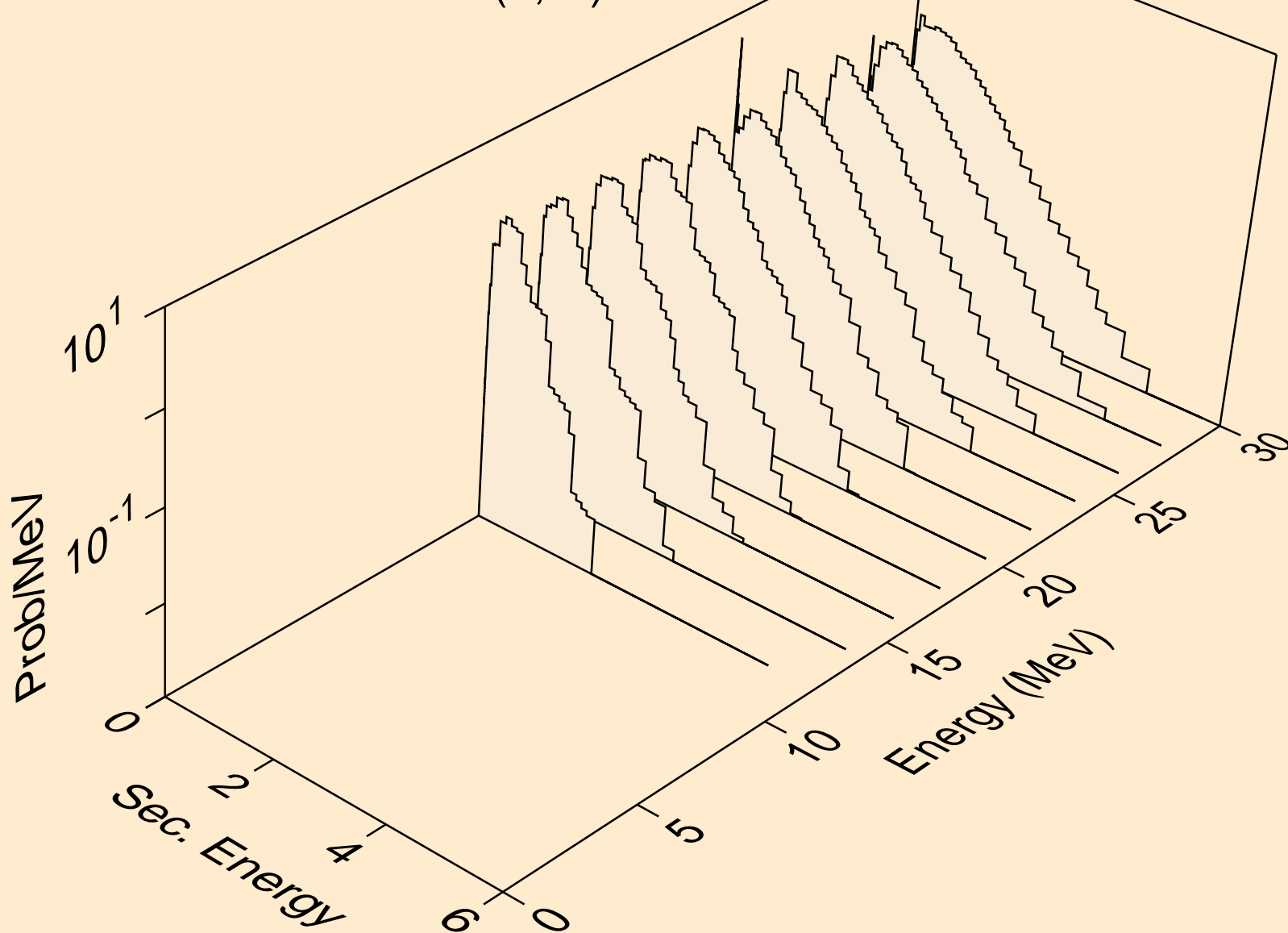
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



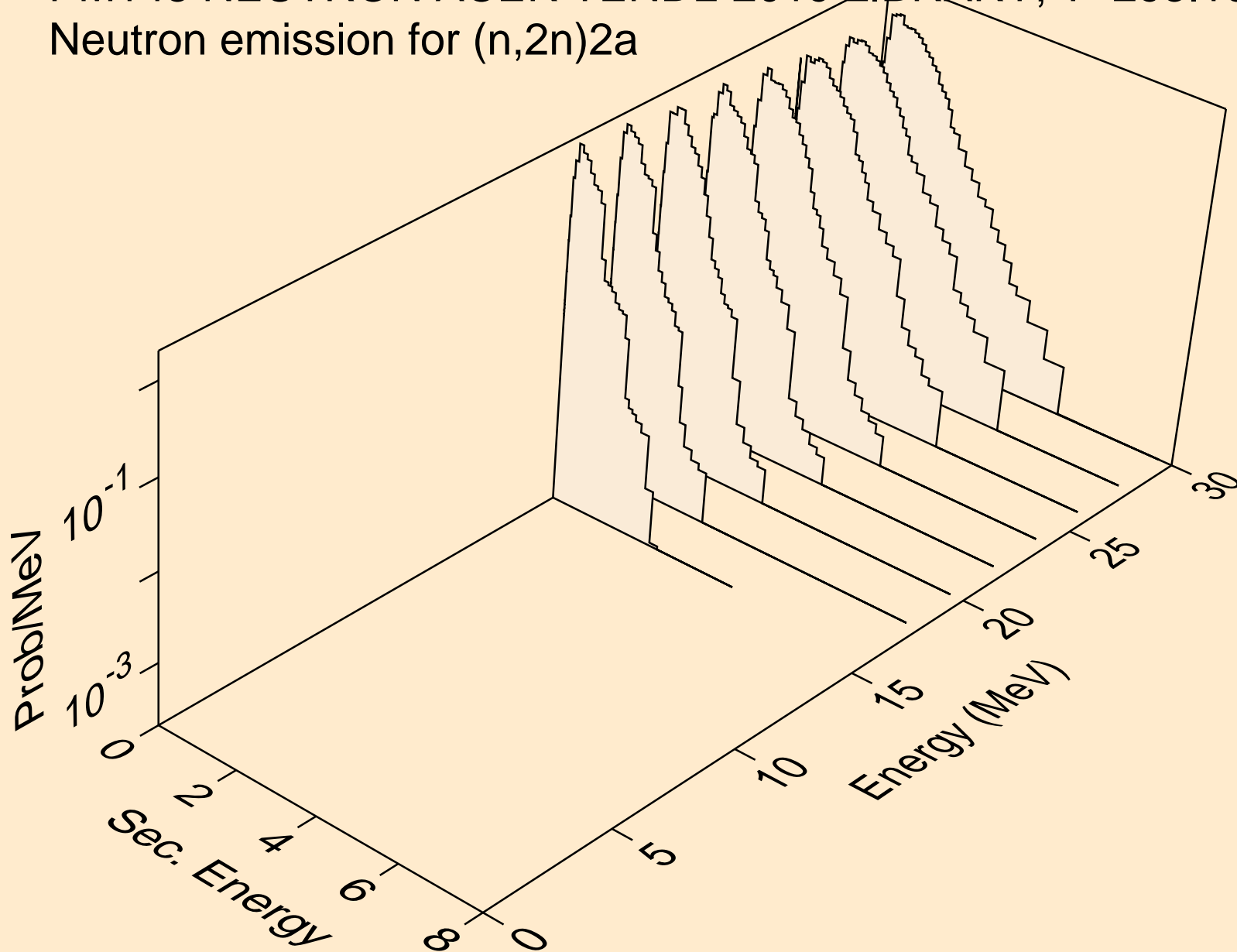
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



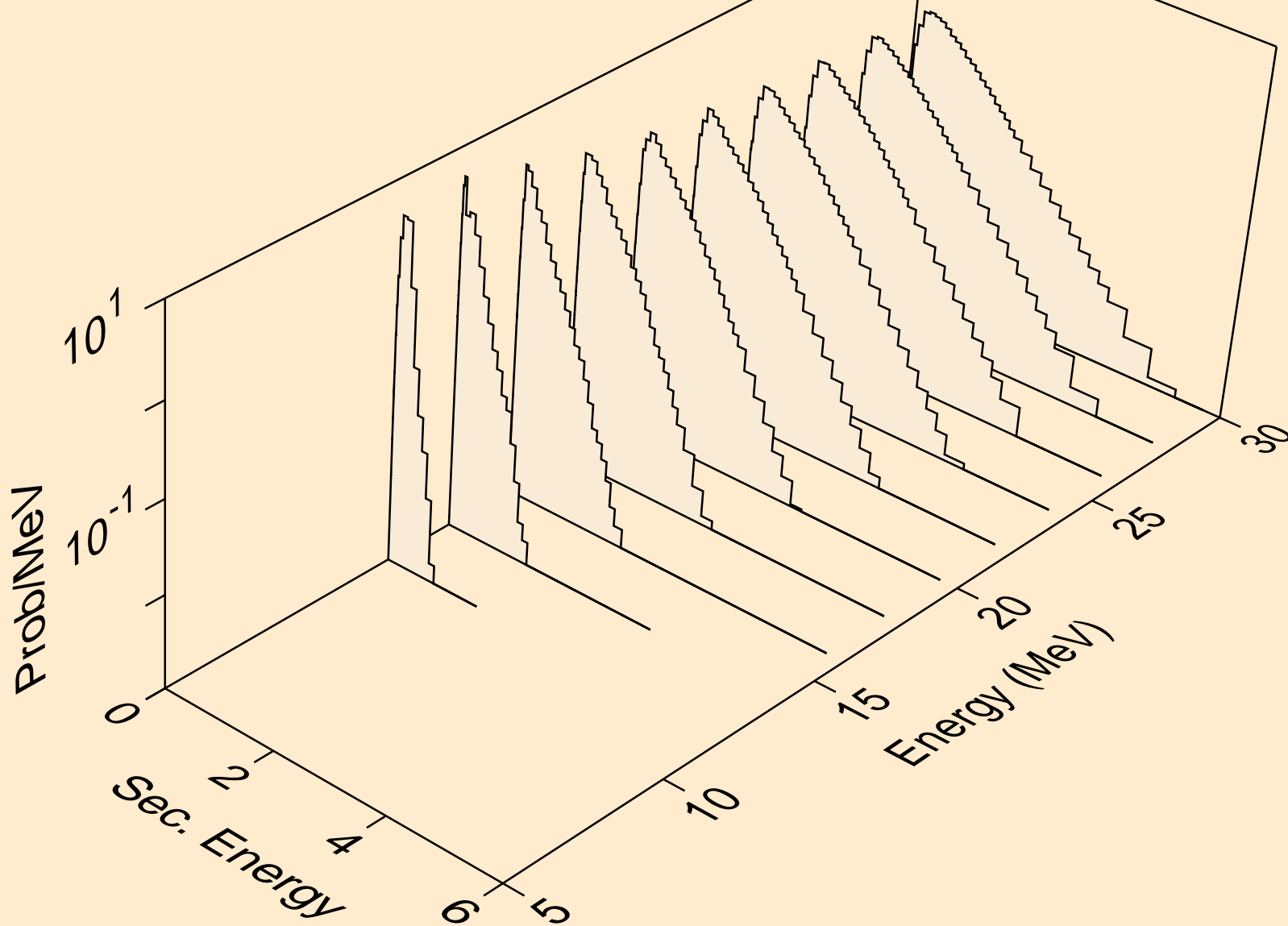
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



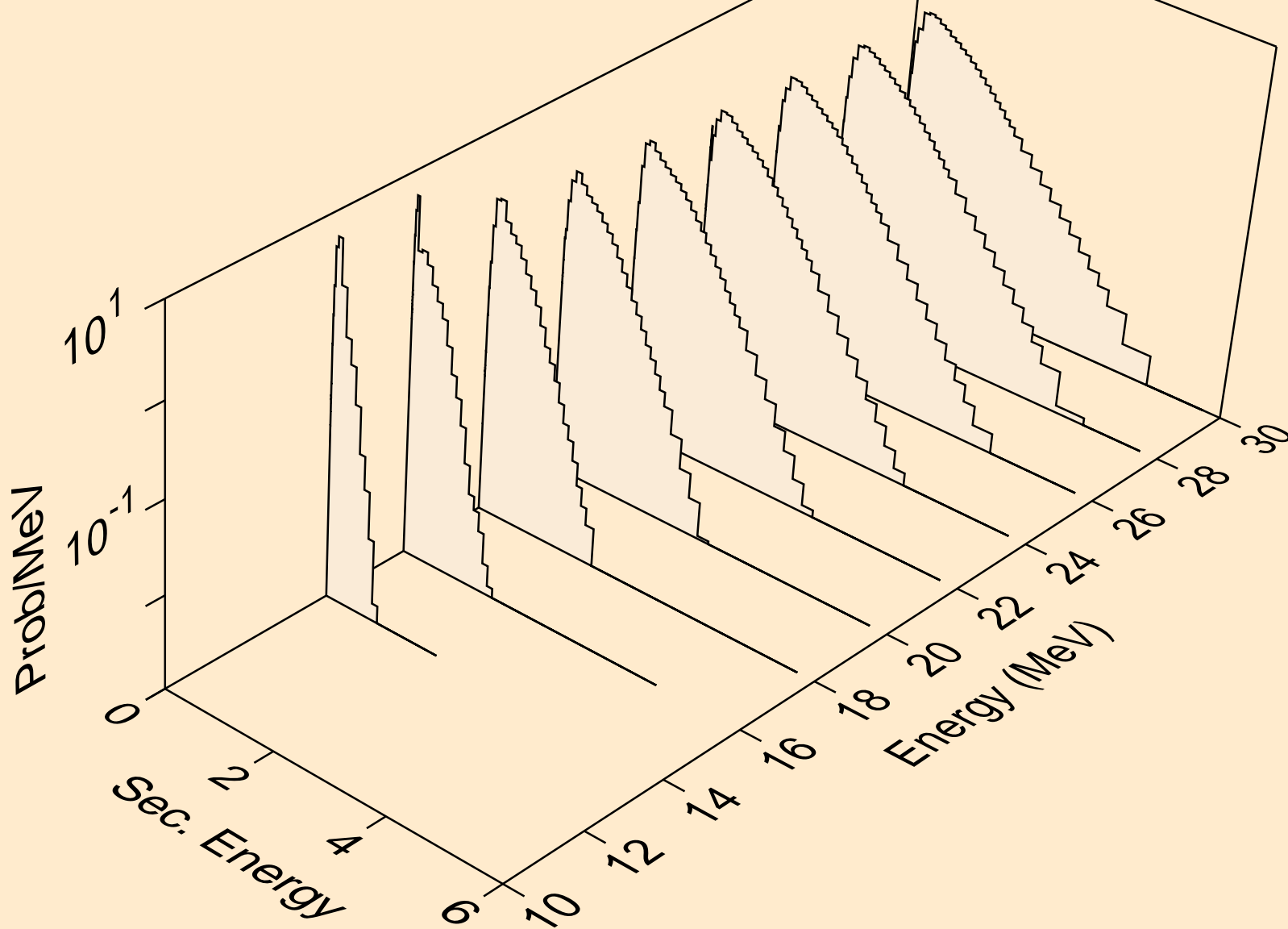
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



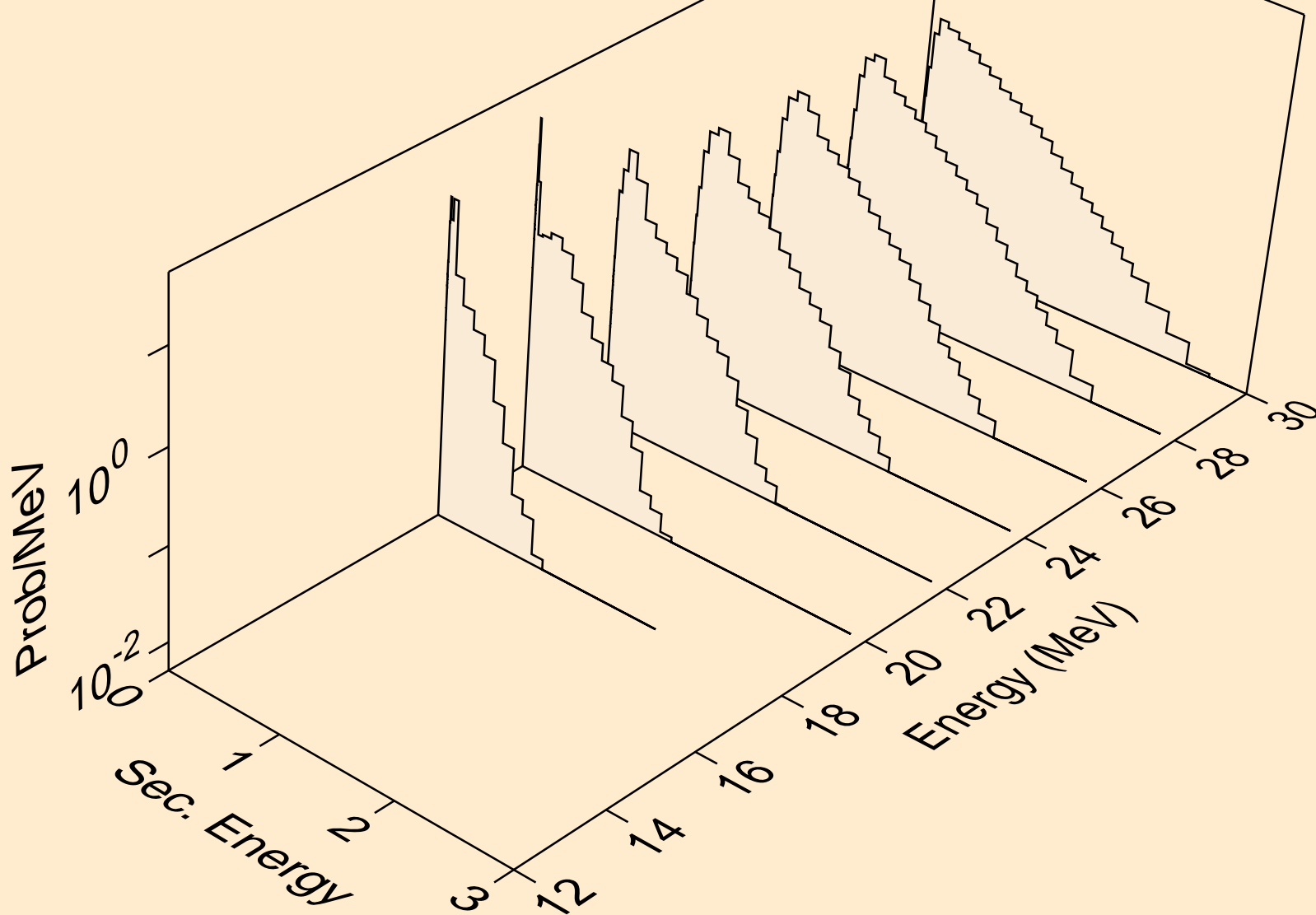
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



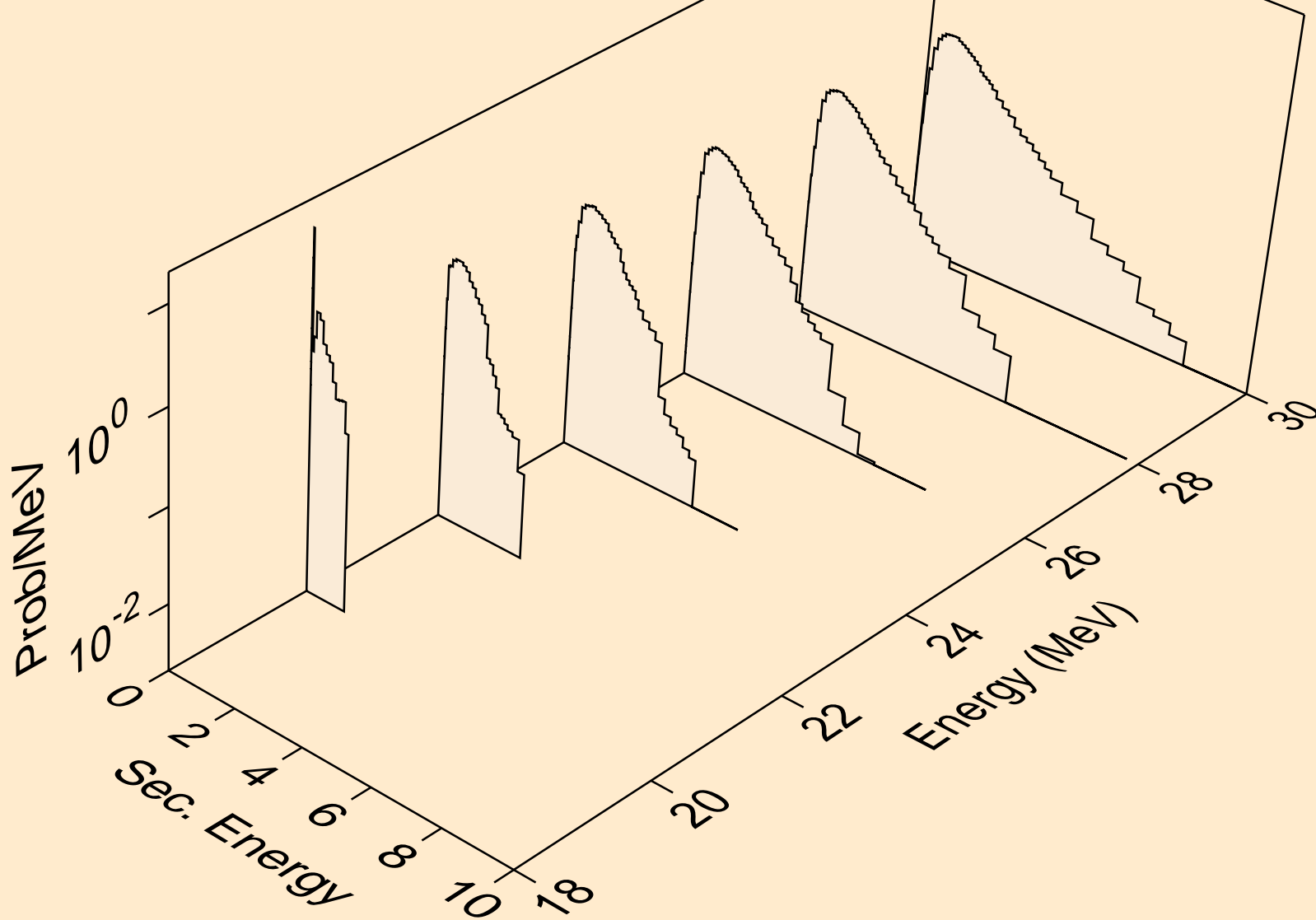
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



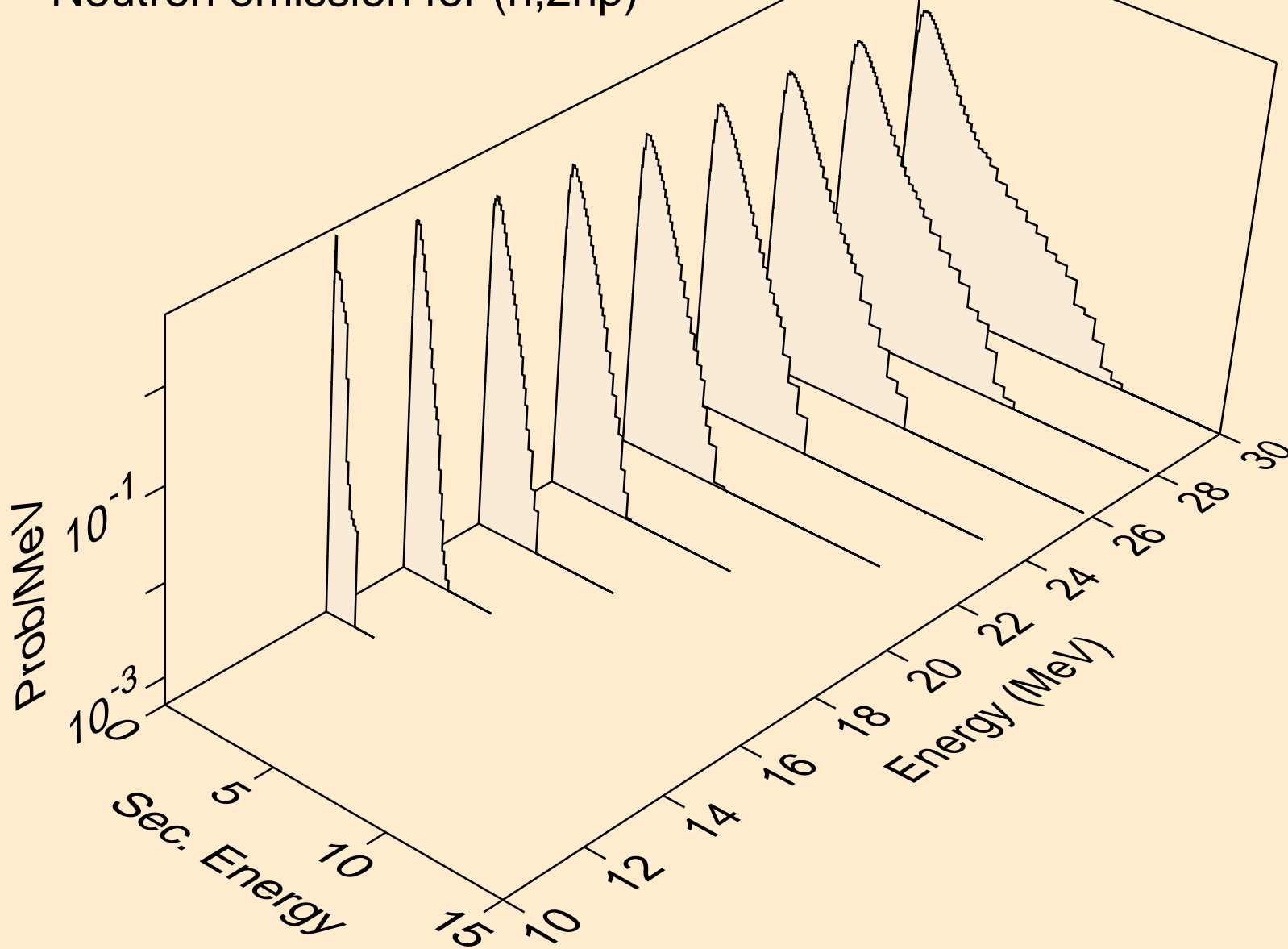
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



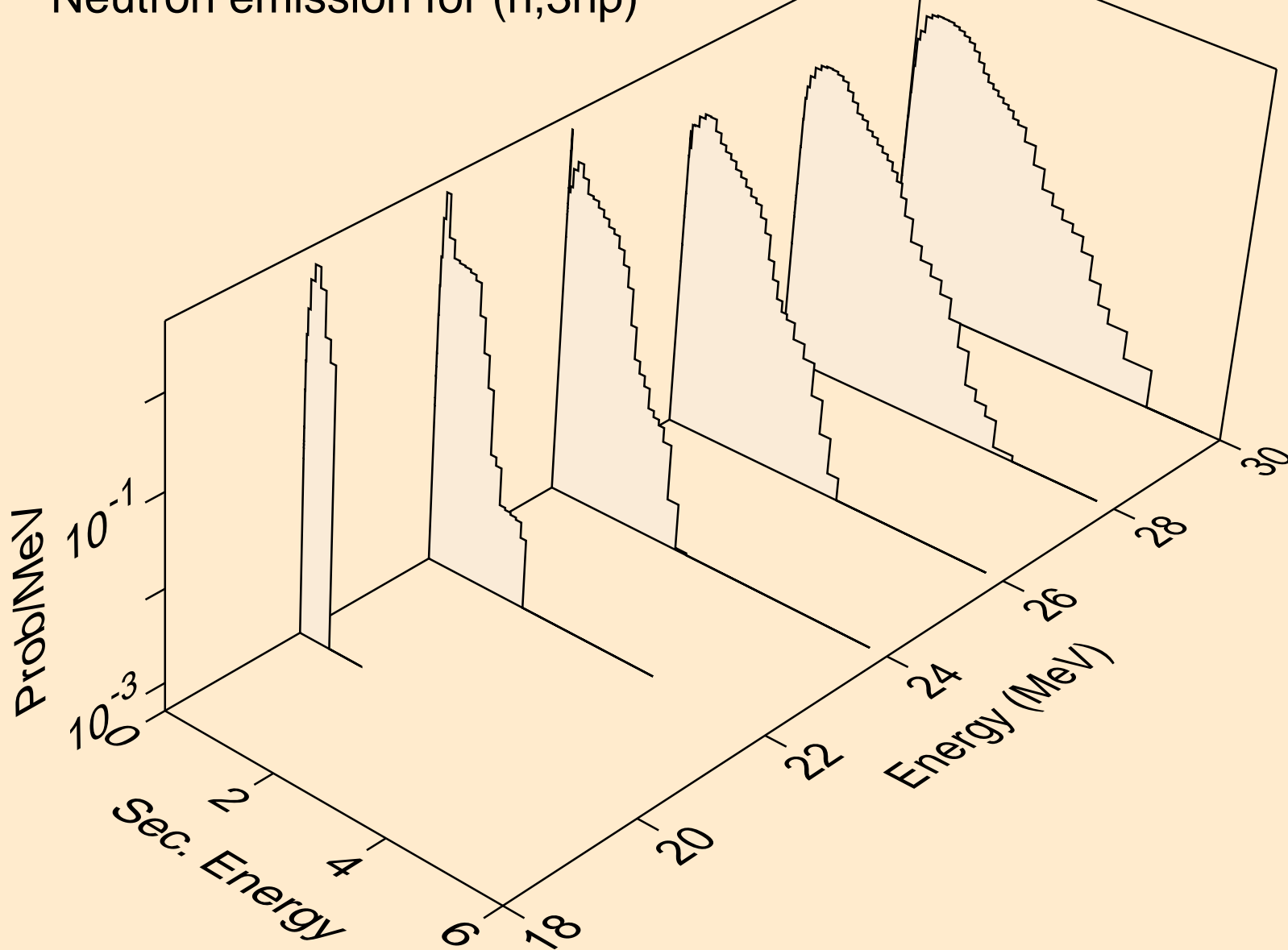
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



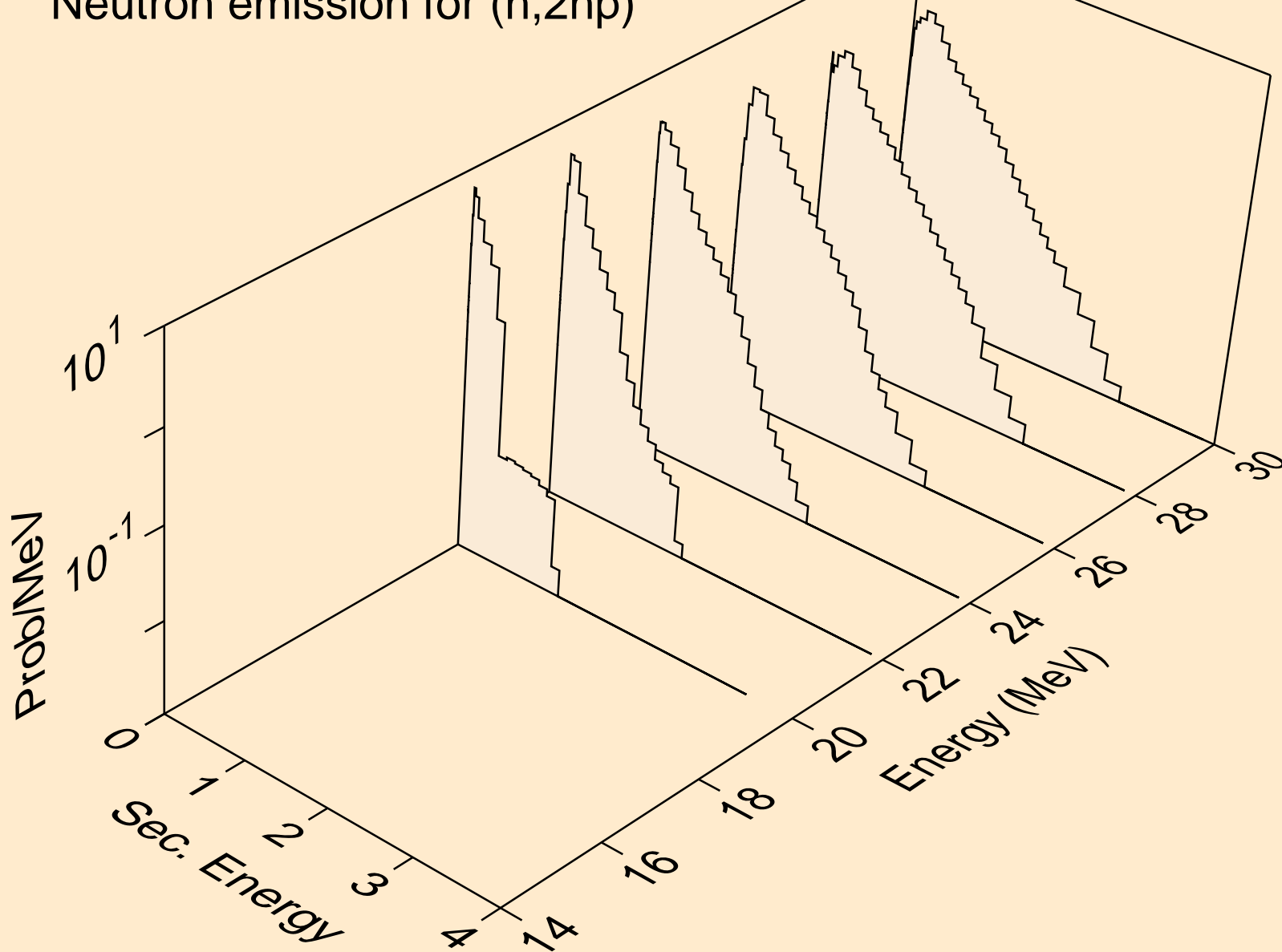
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



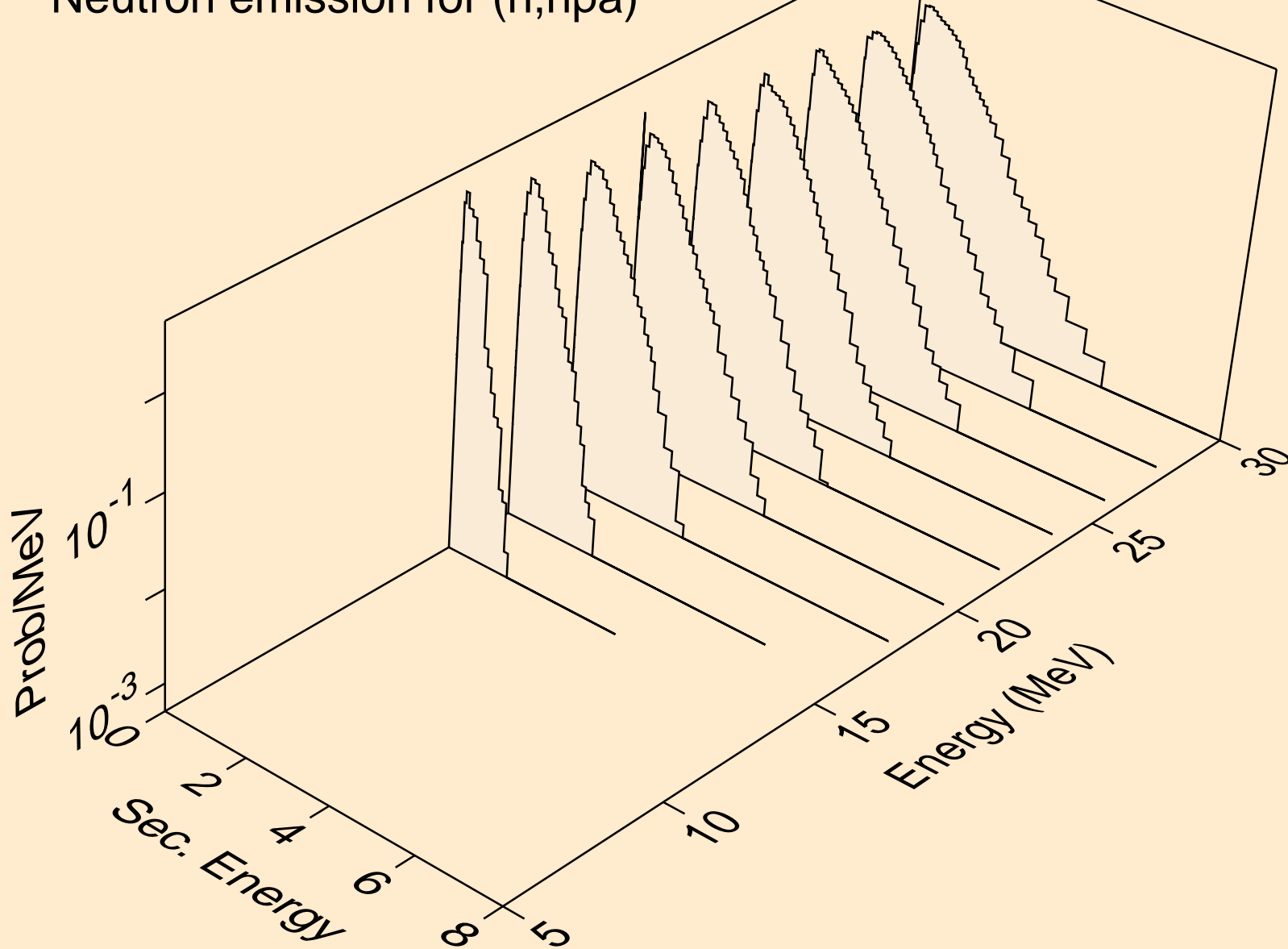
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



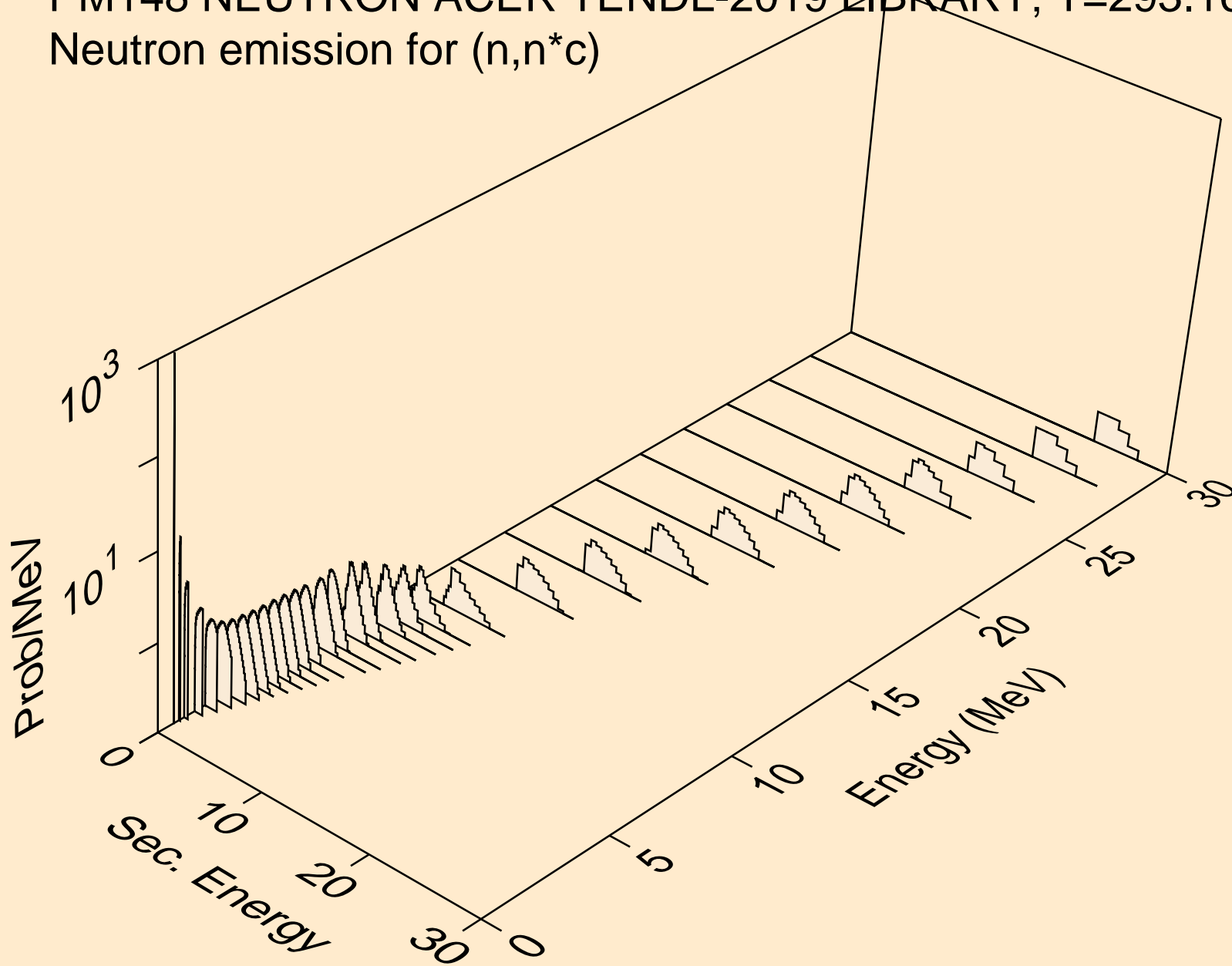
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



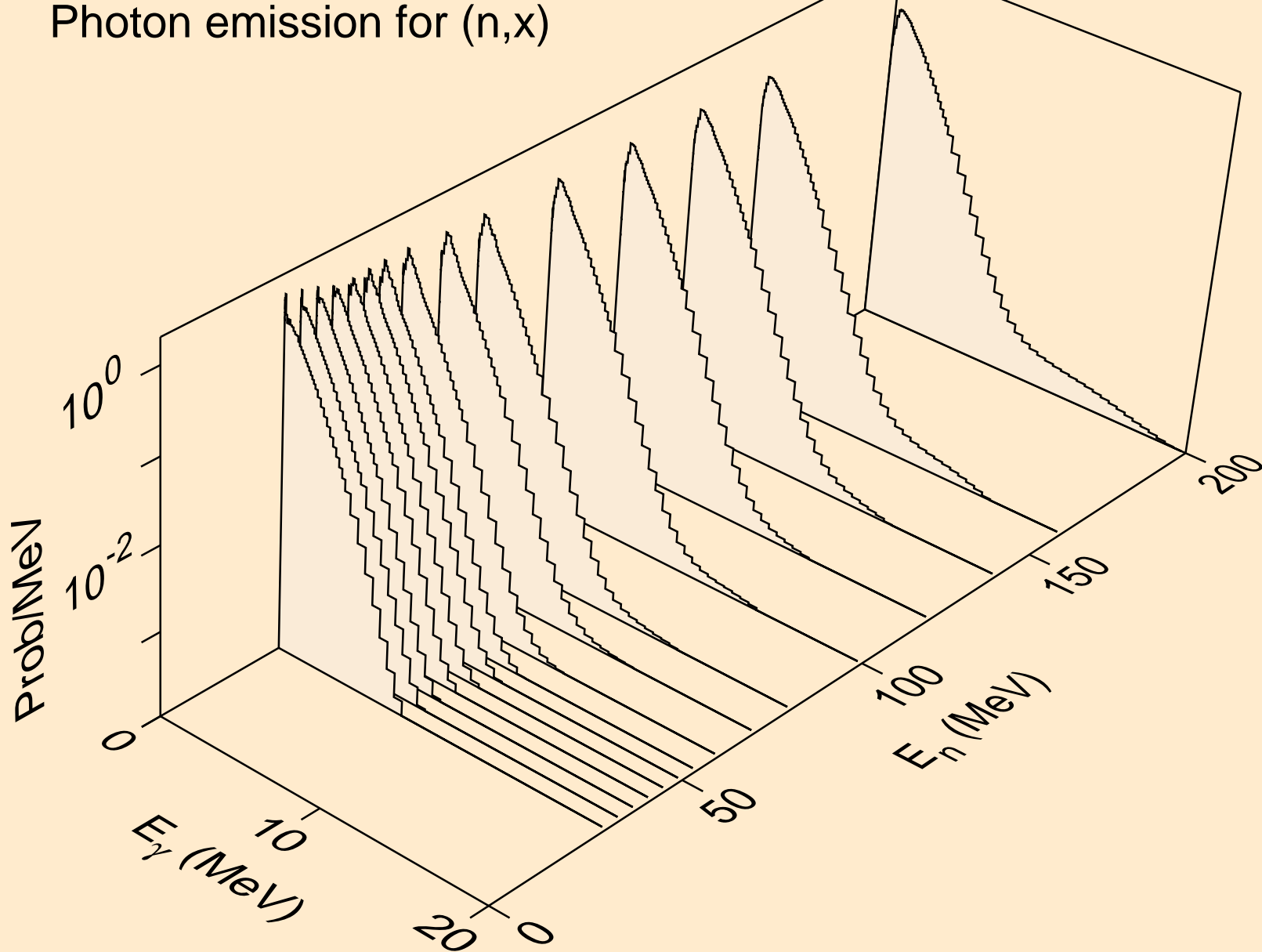
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



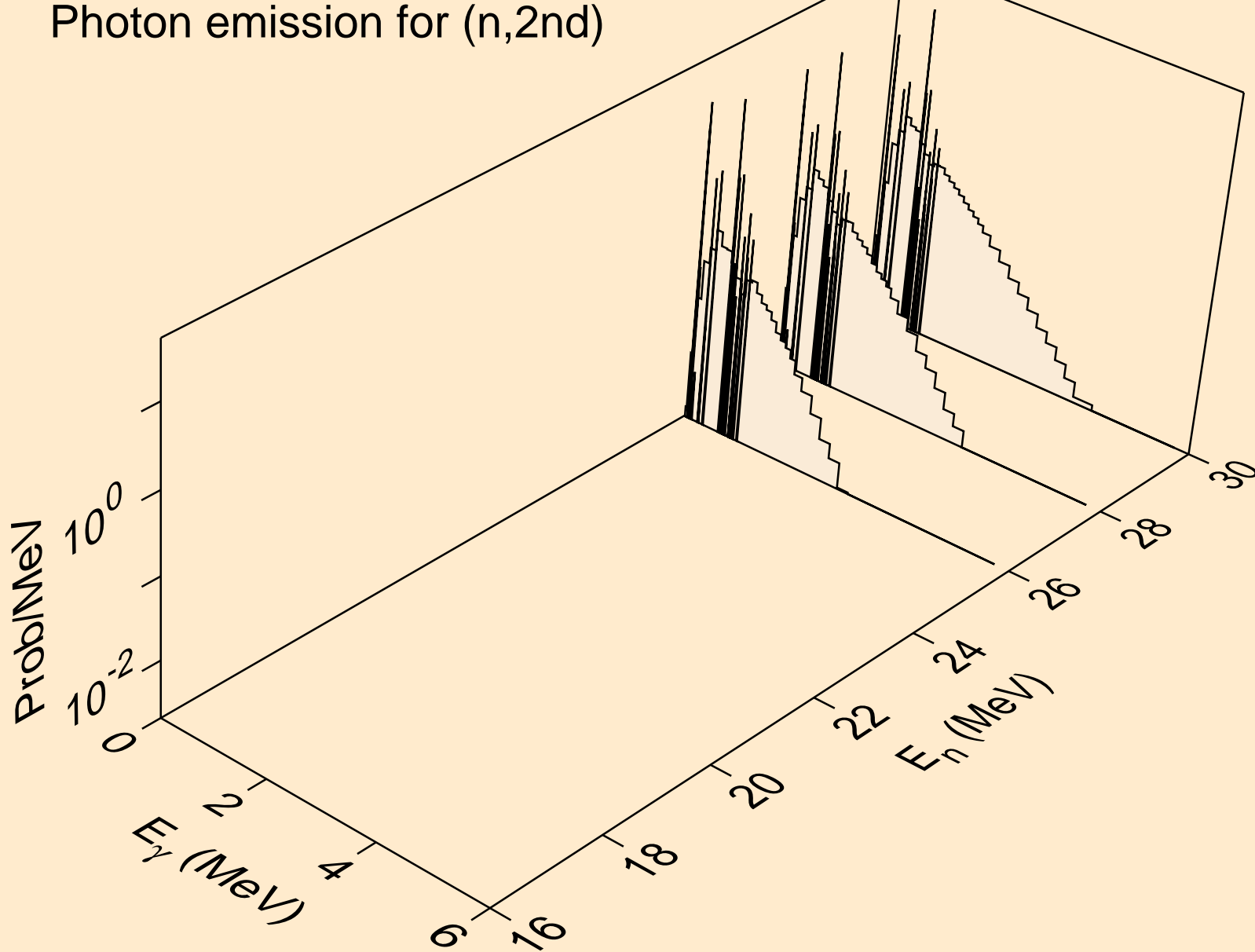
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



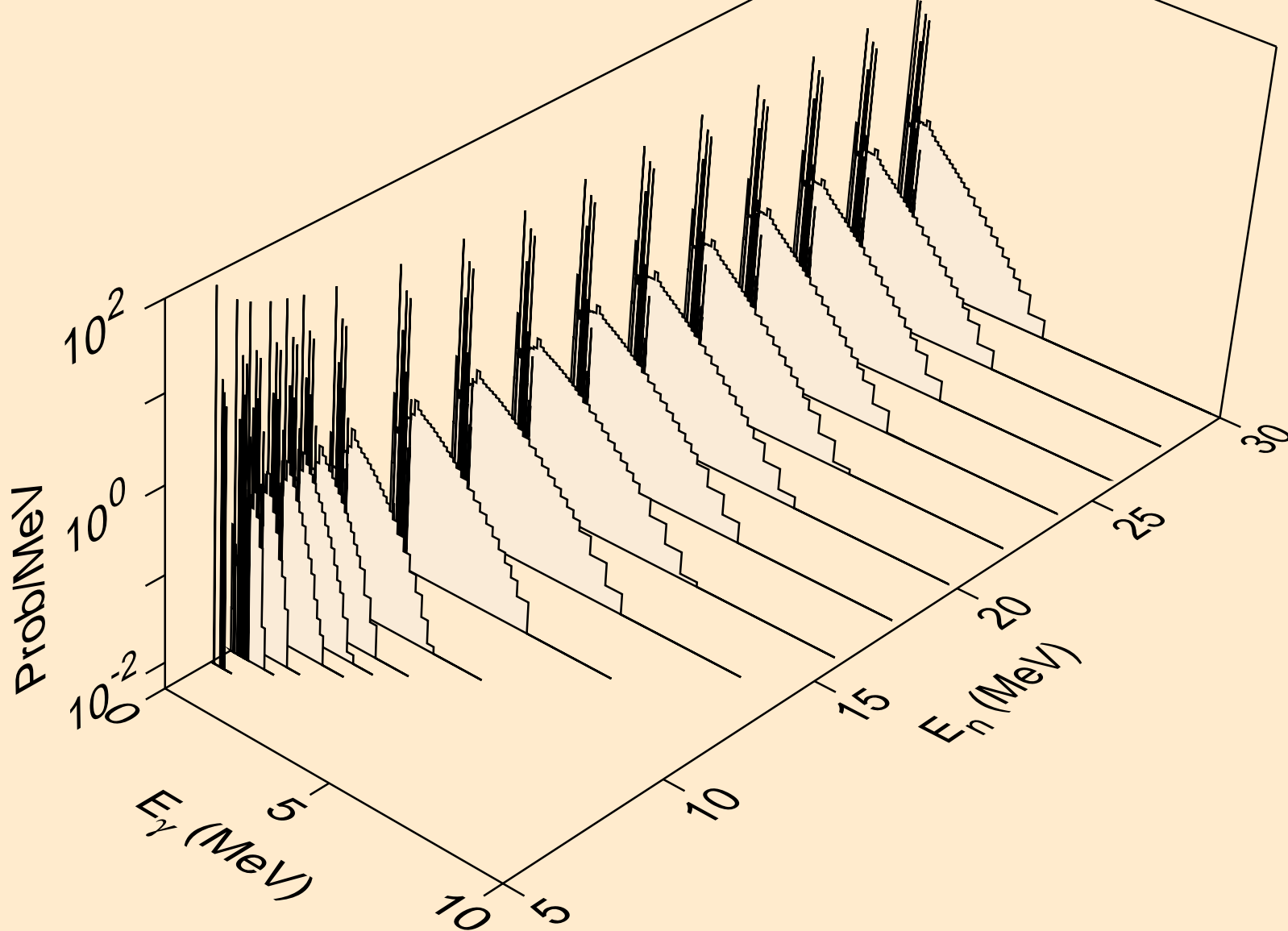
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



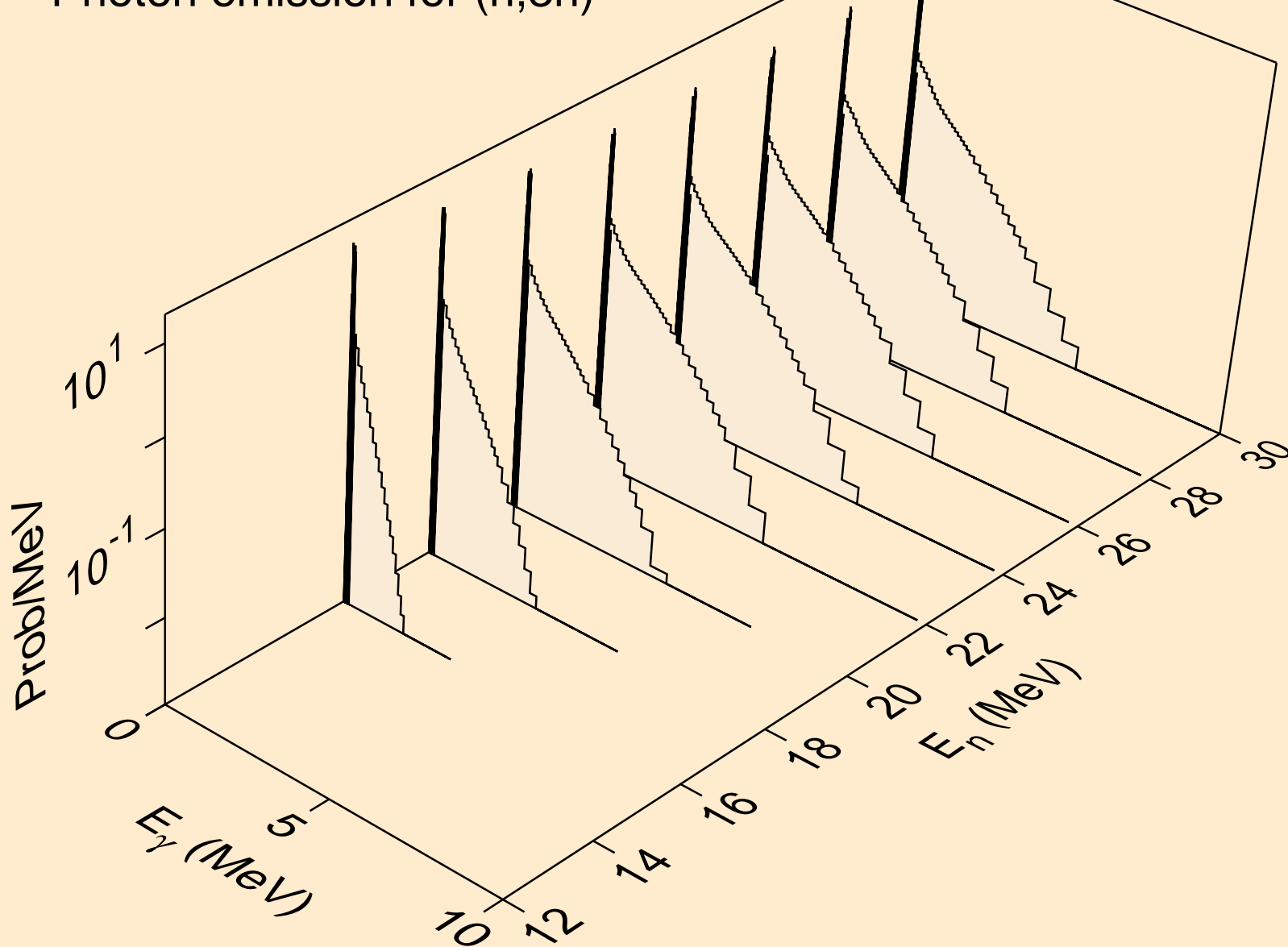
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



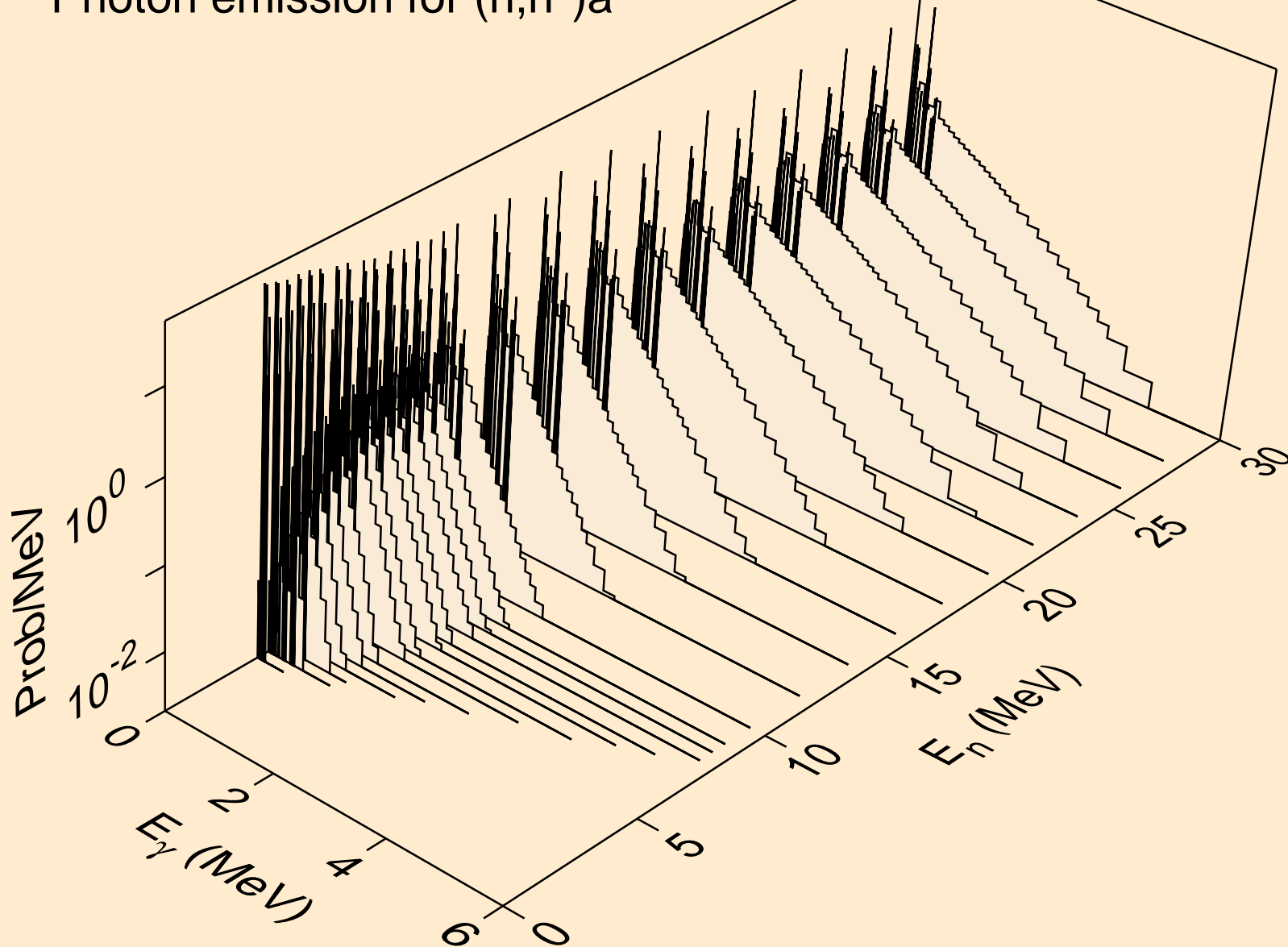
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



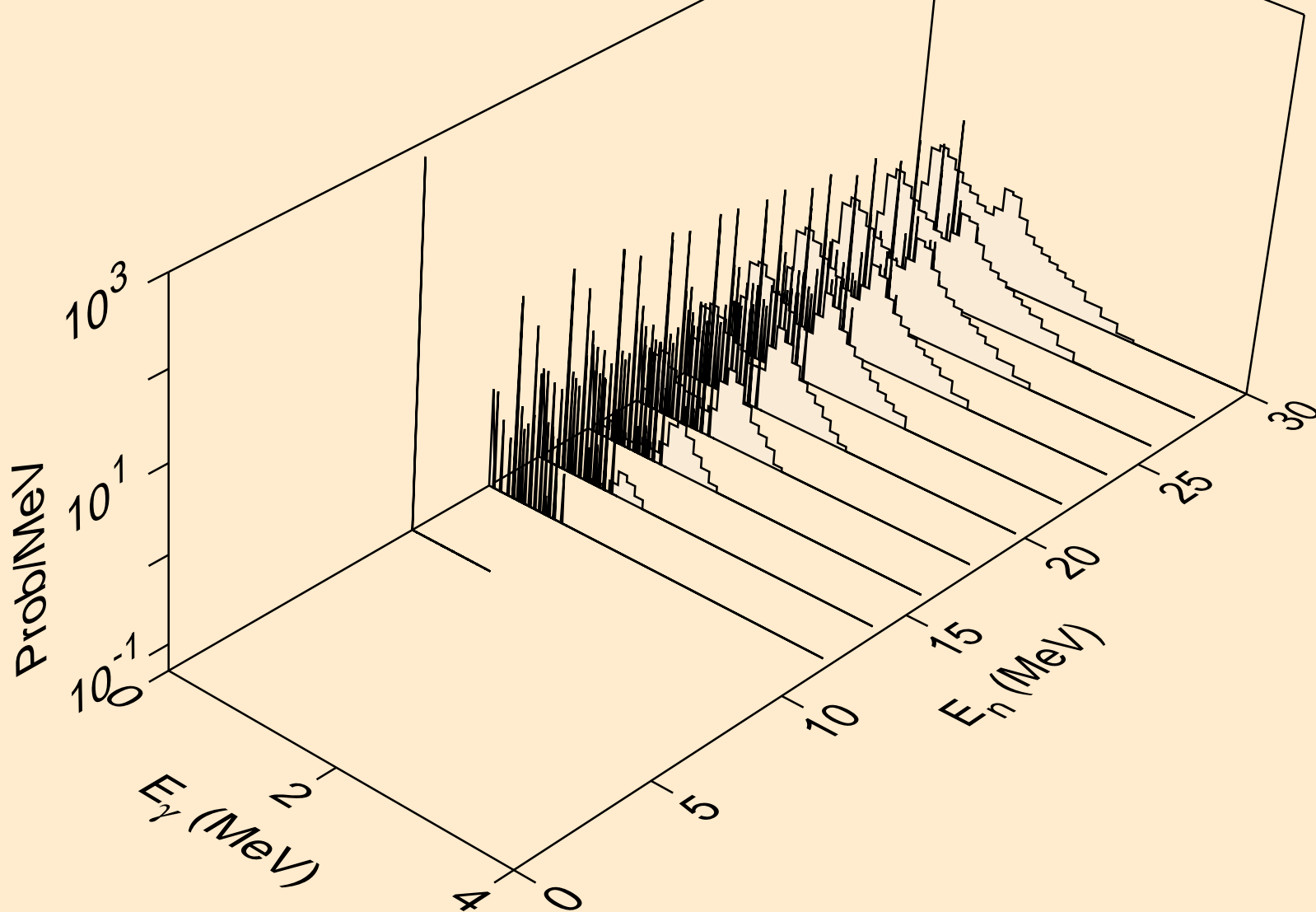
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



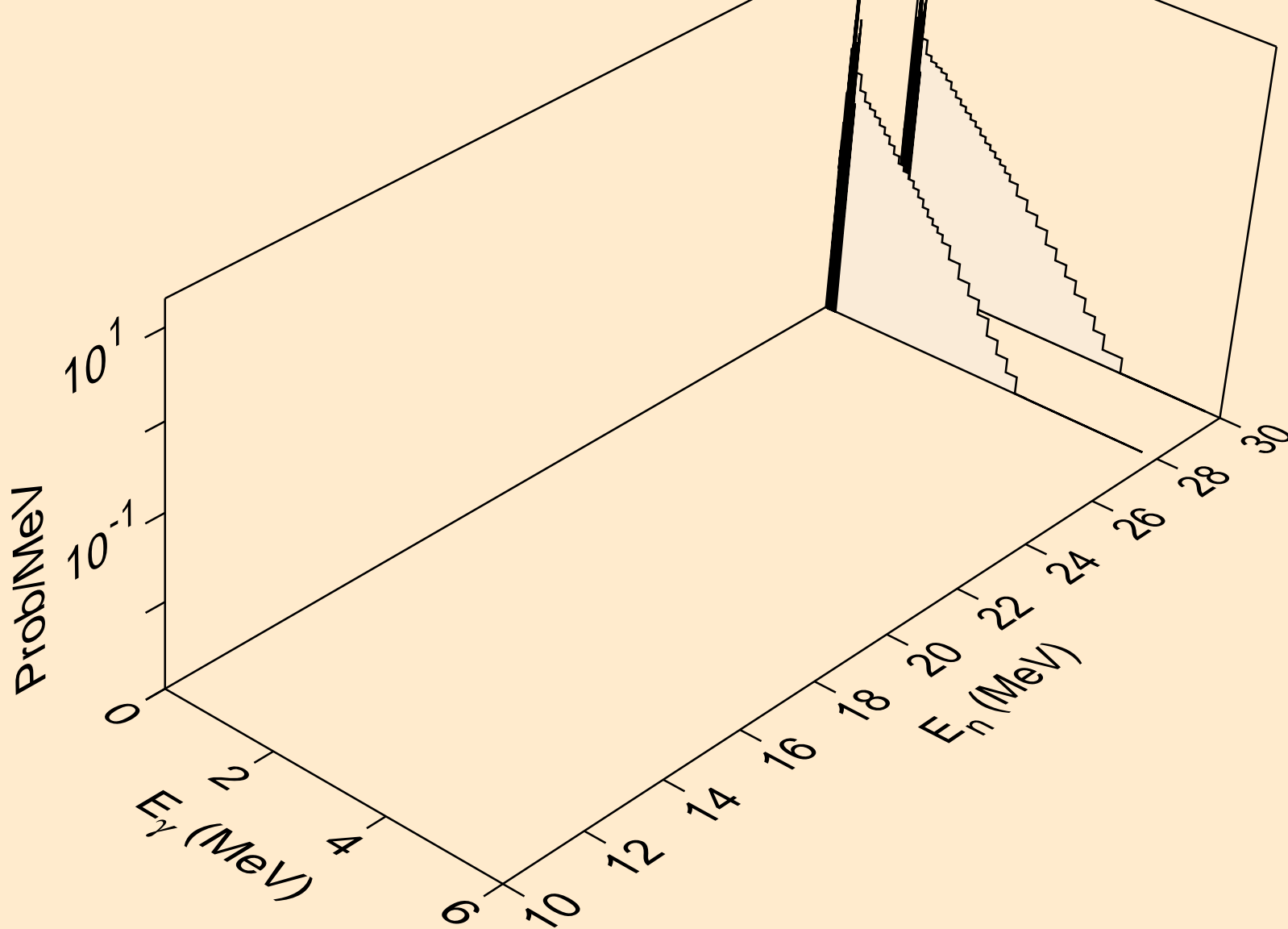
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



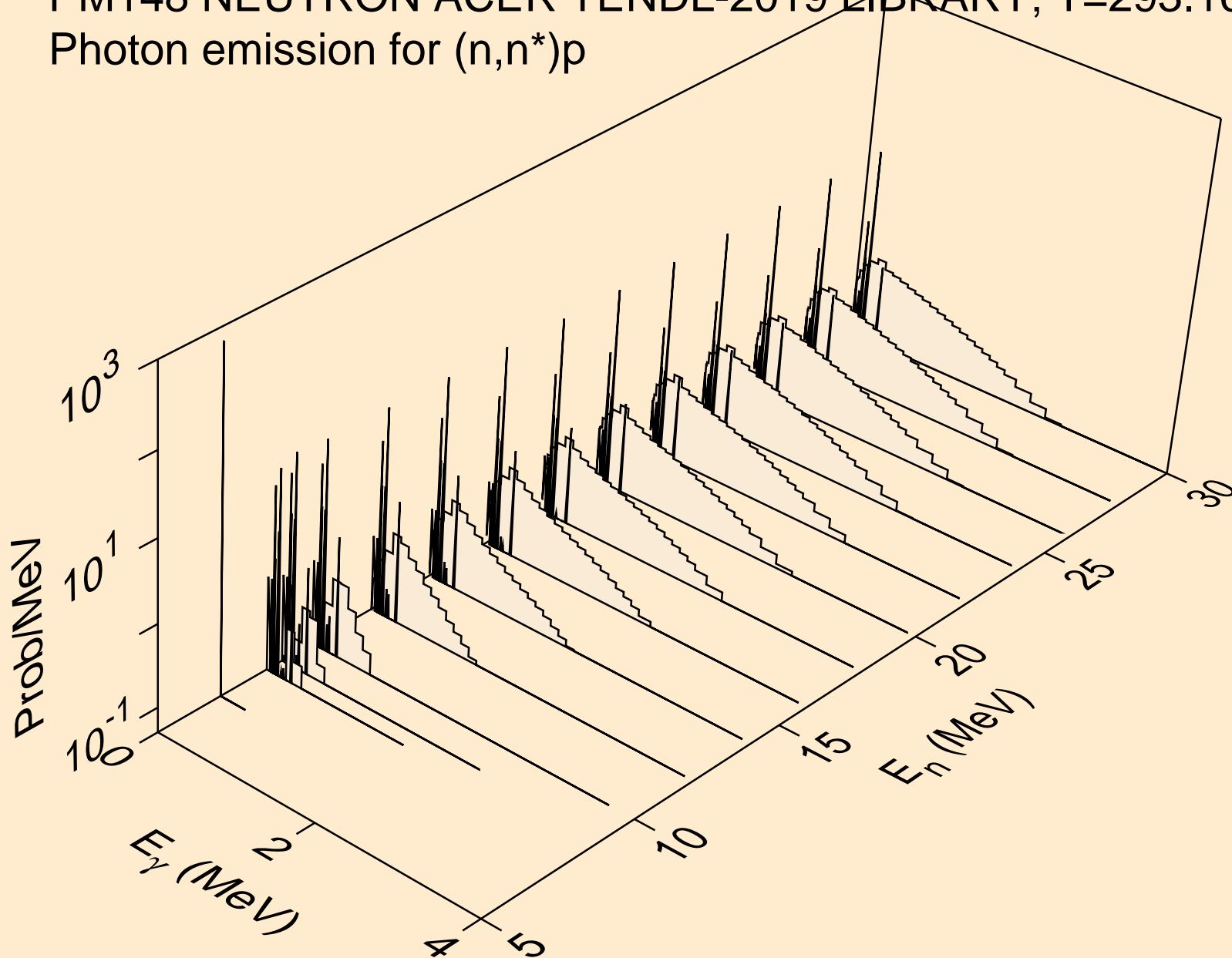
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)_a



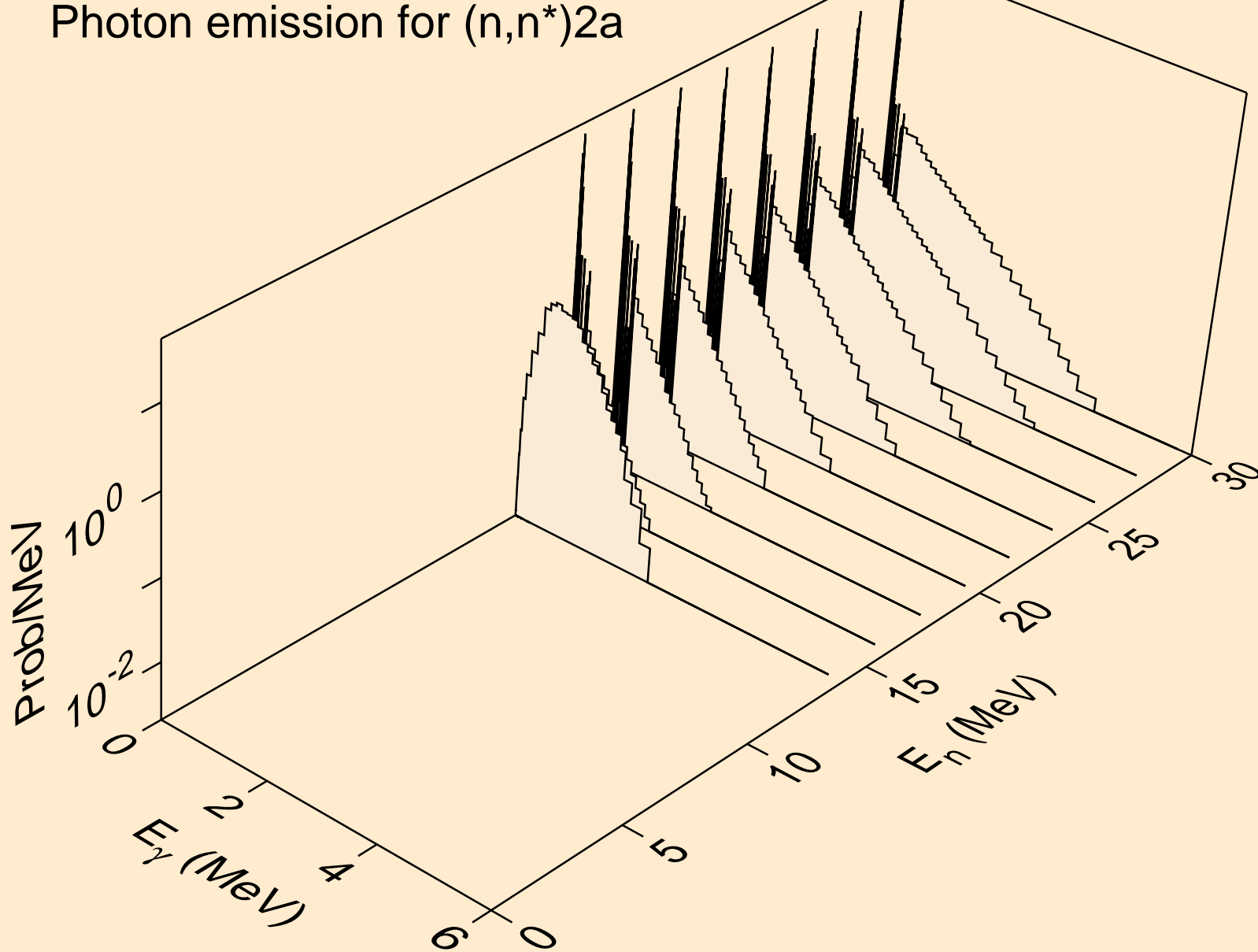
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



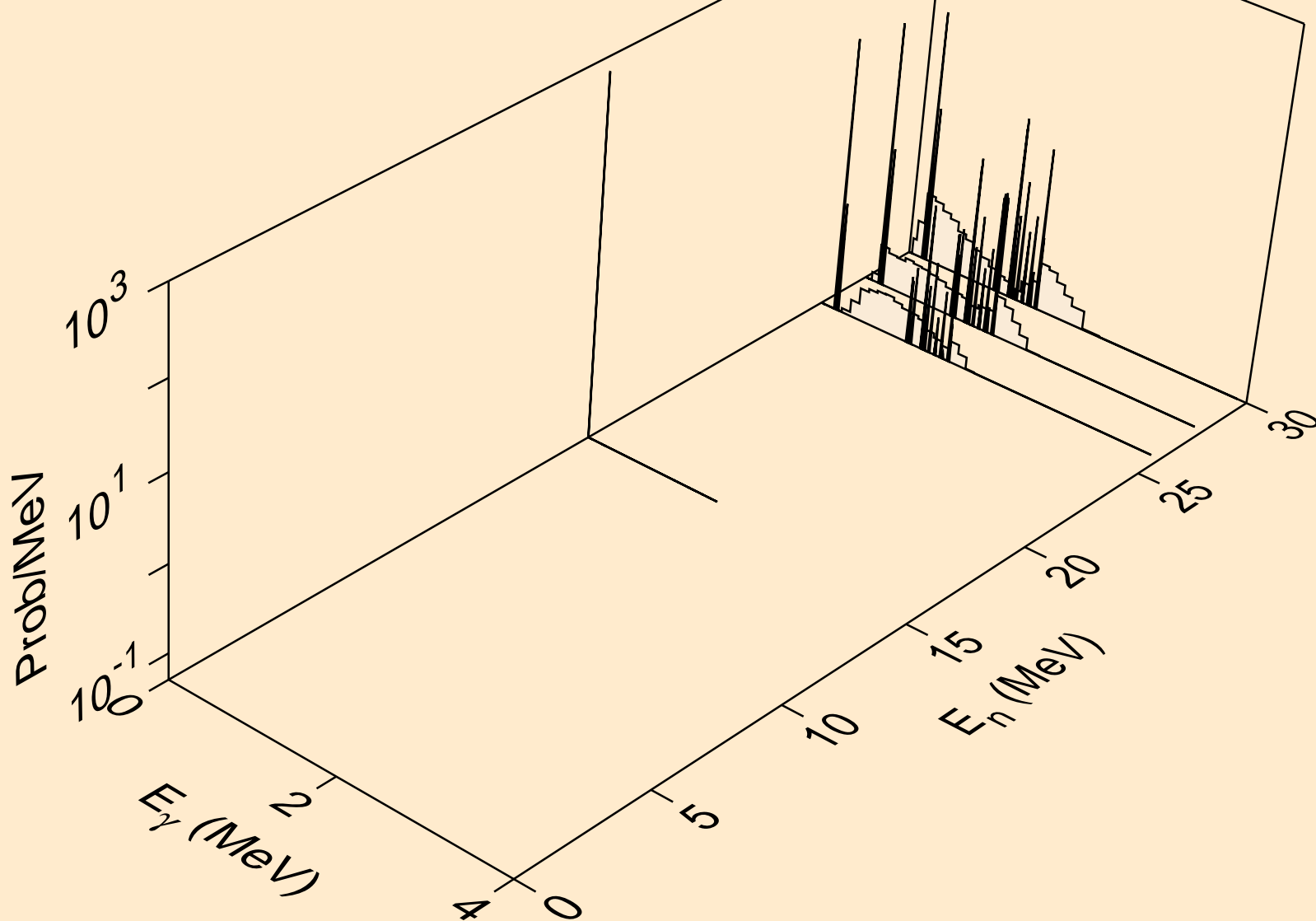
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



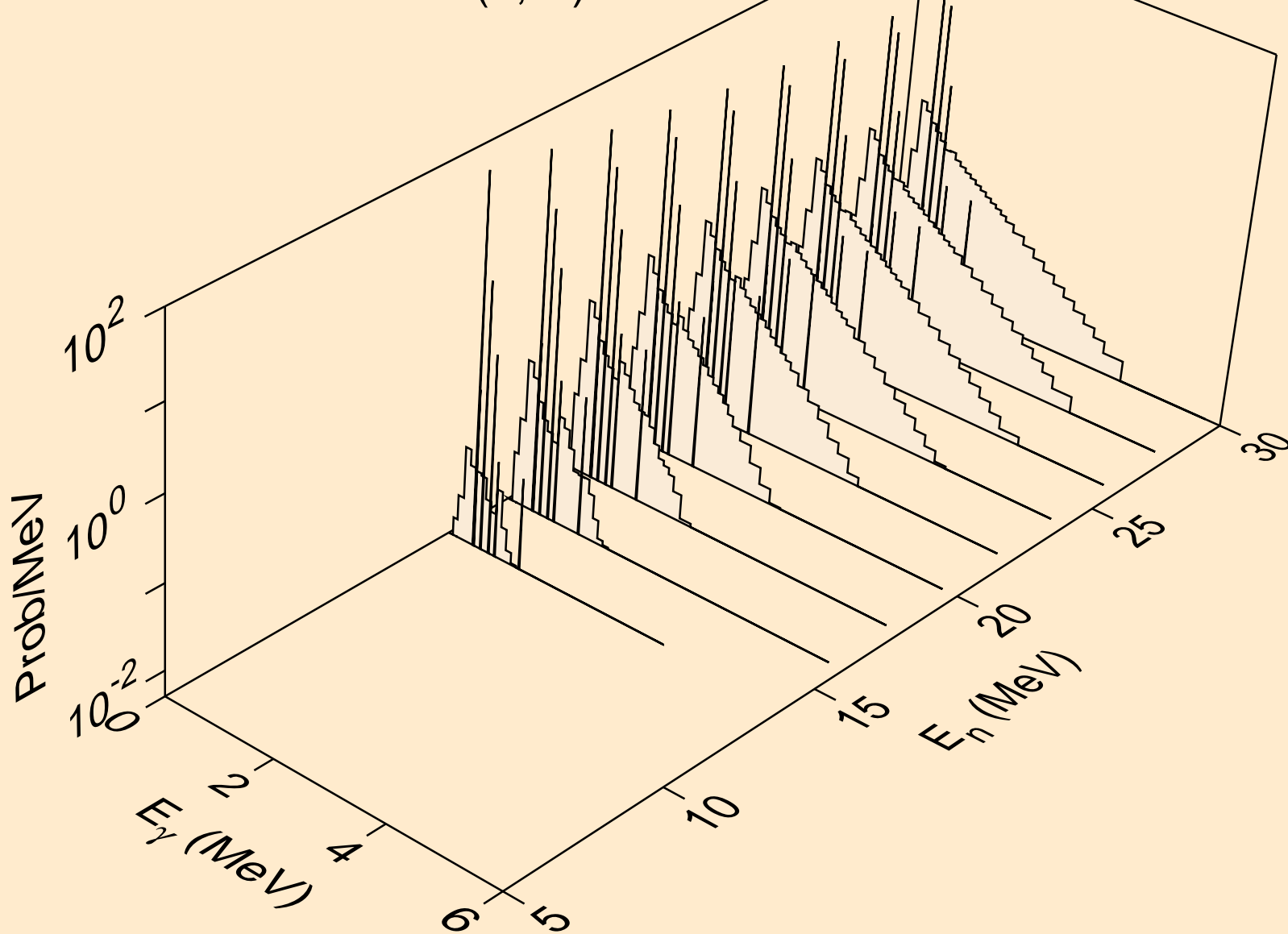
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



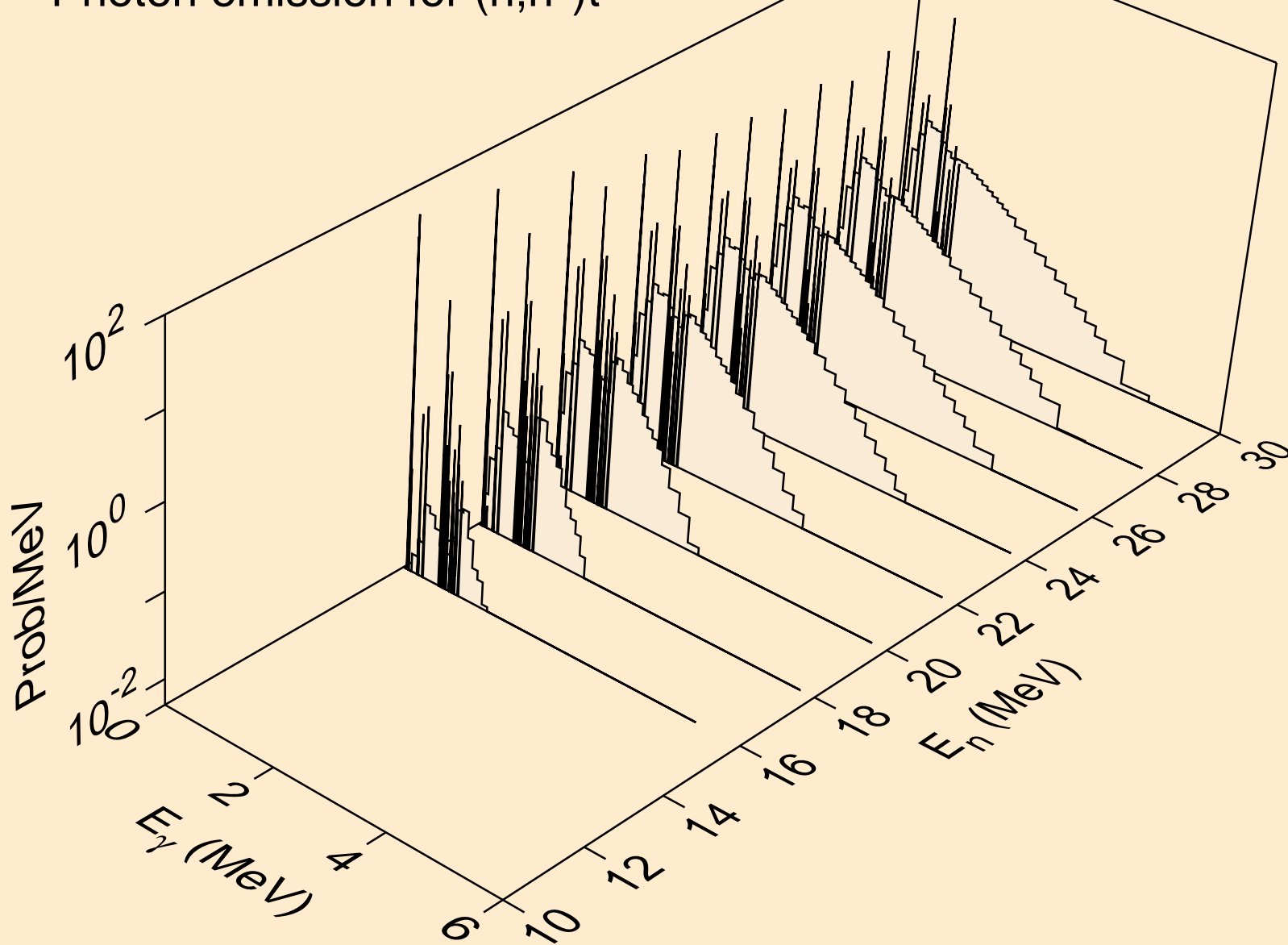
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



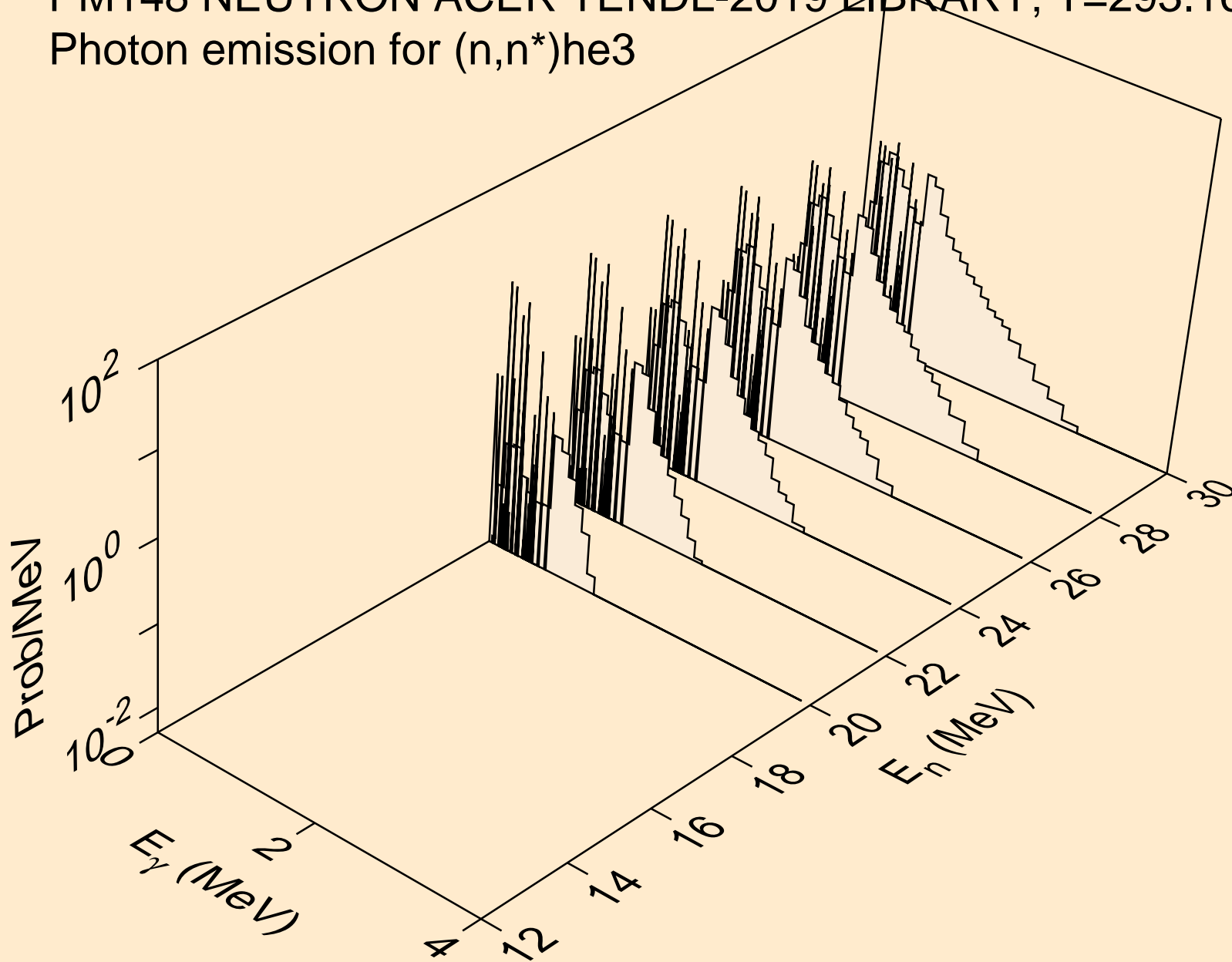
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



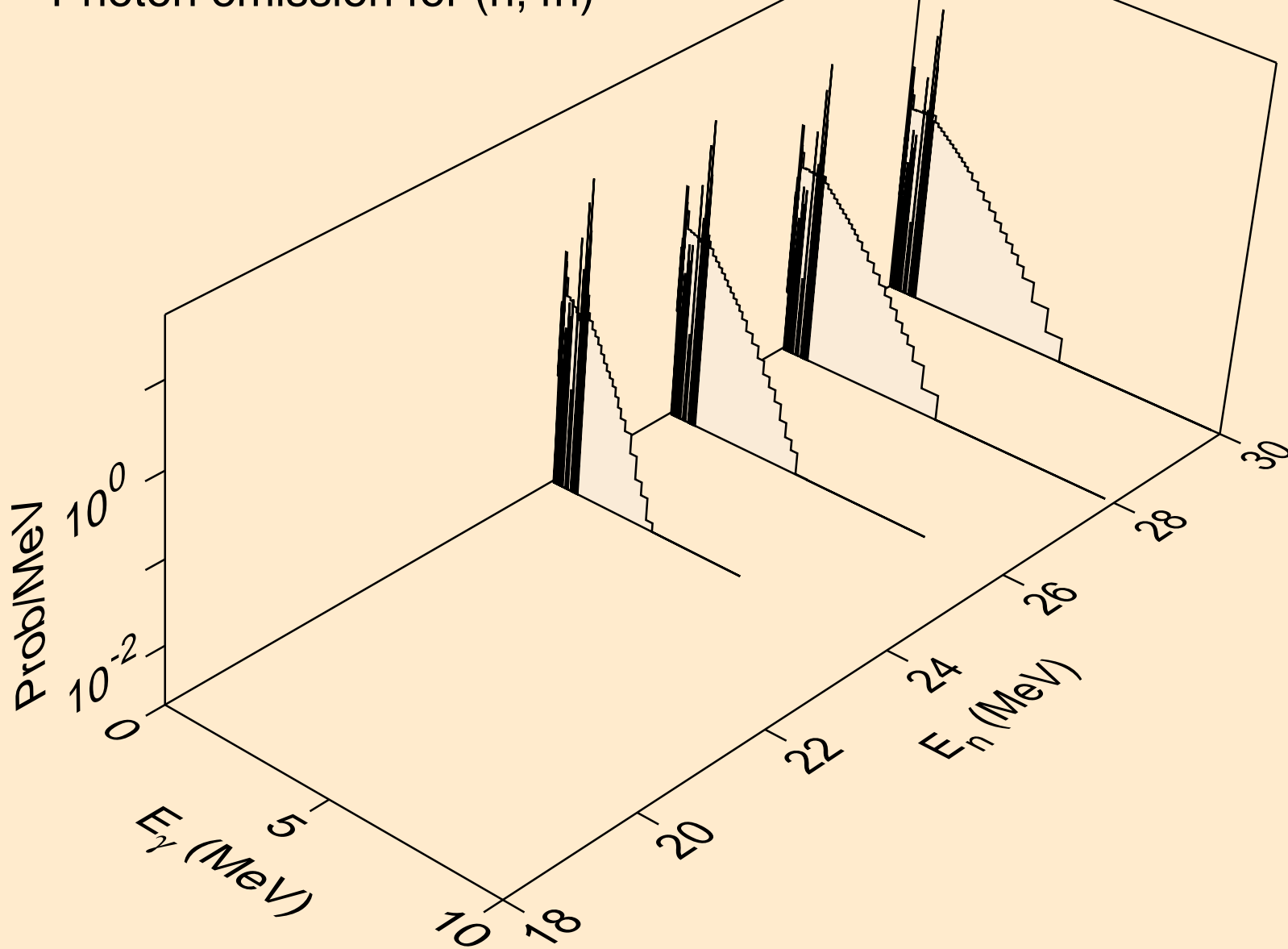
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



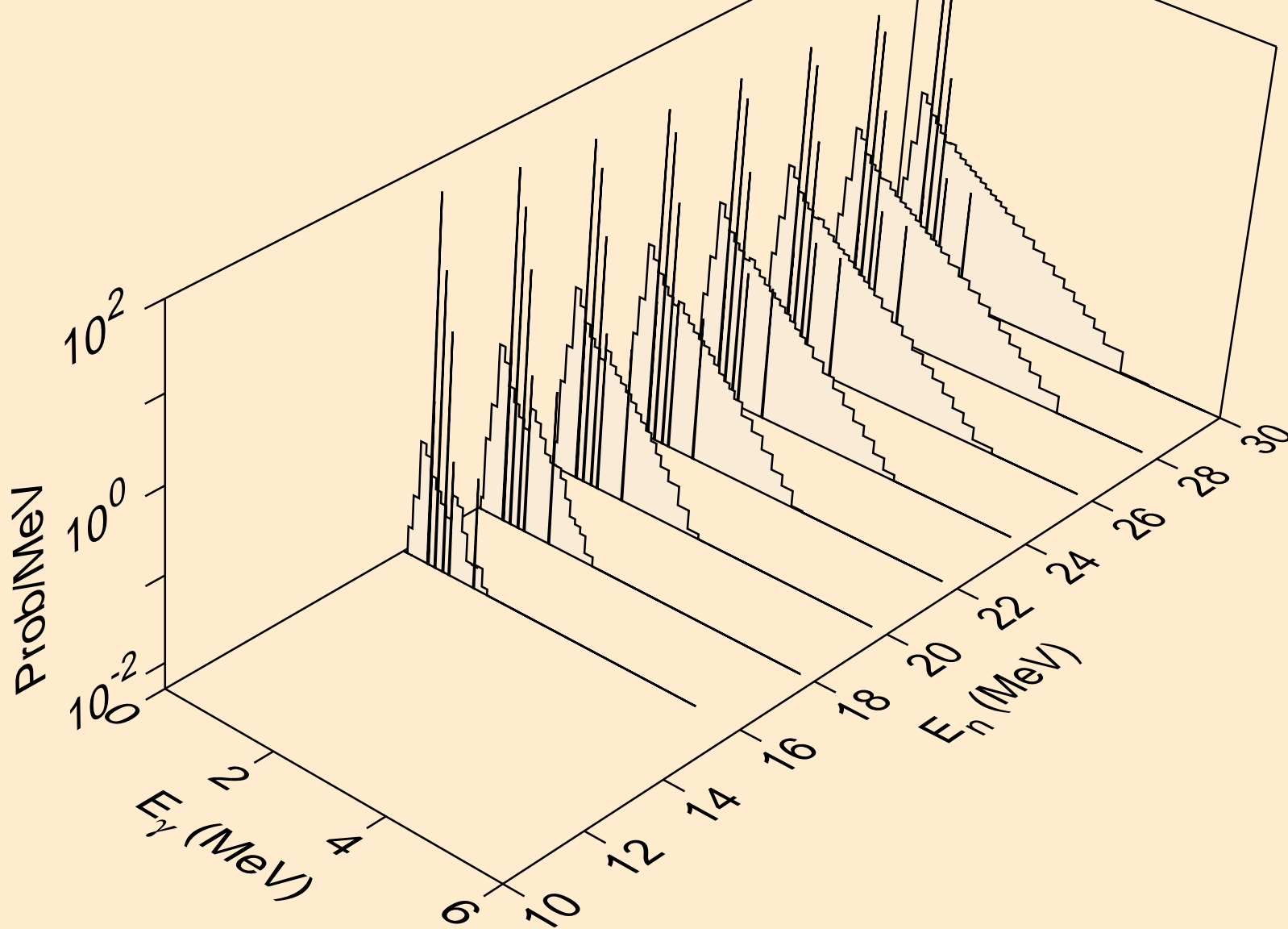
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



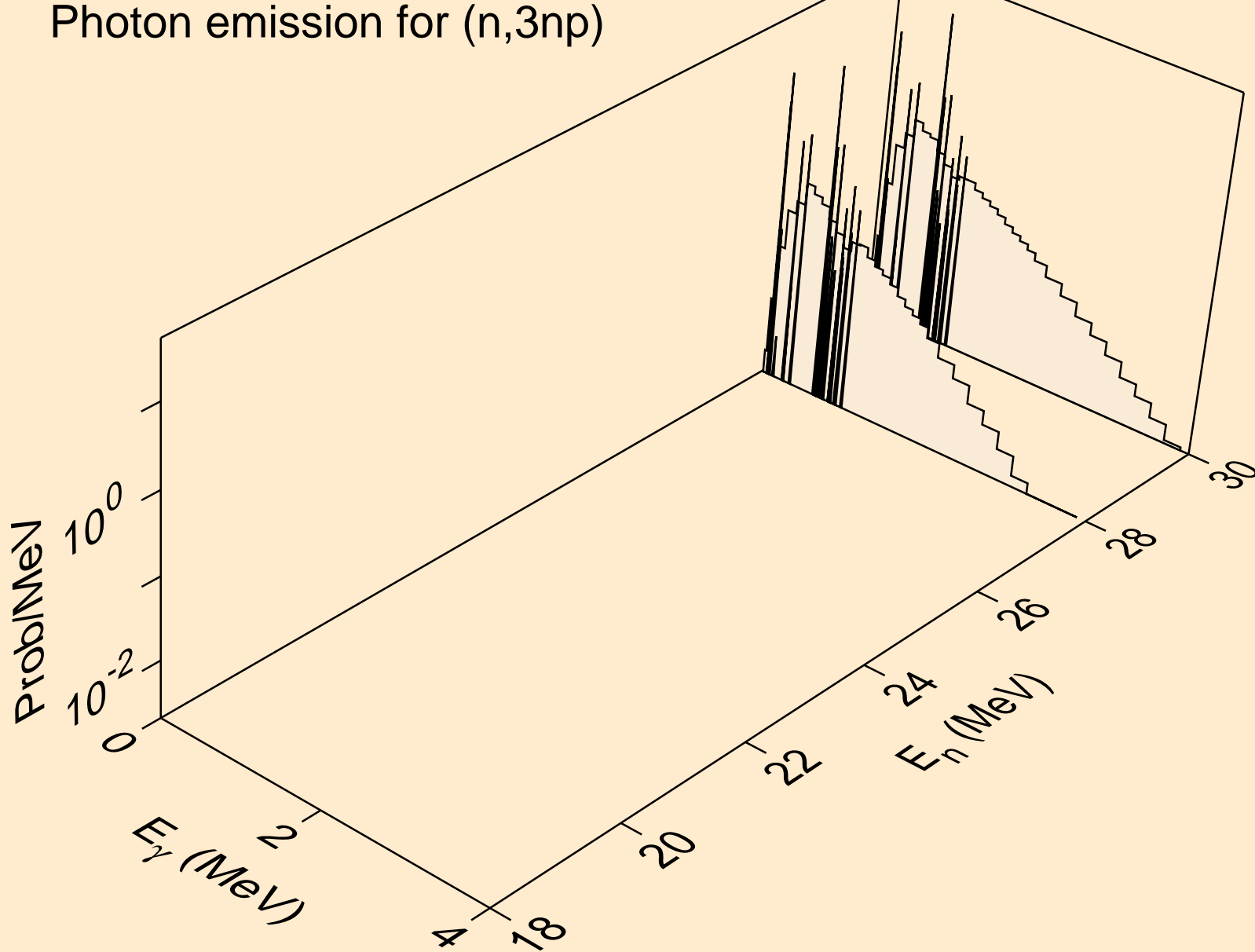
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



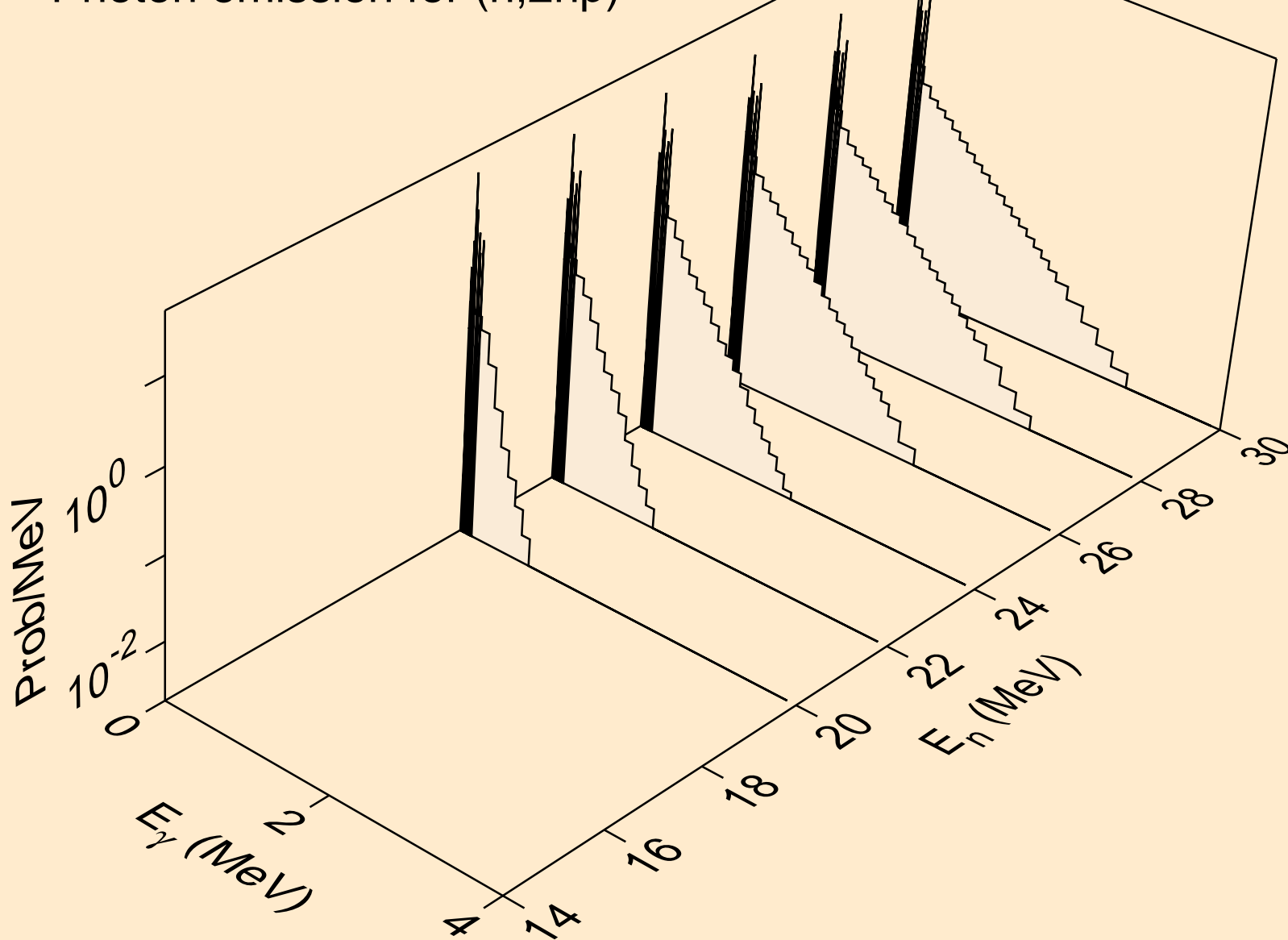
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



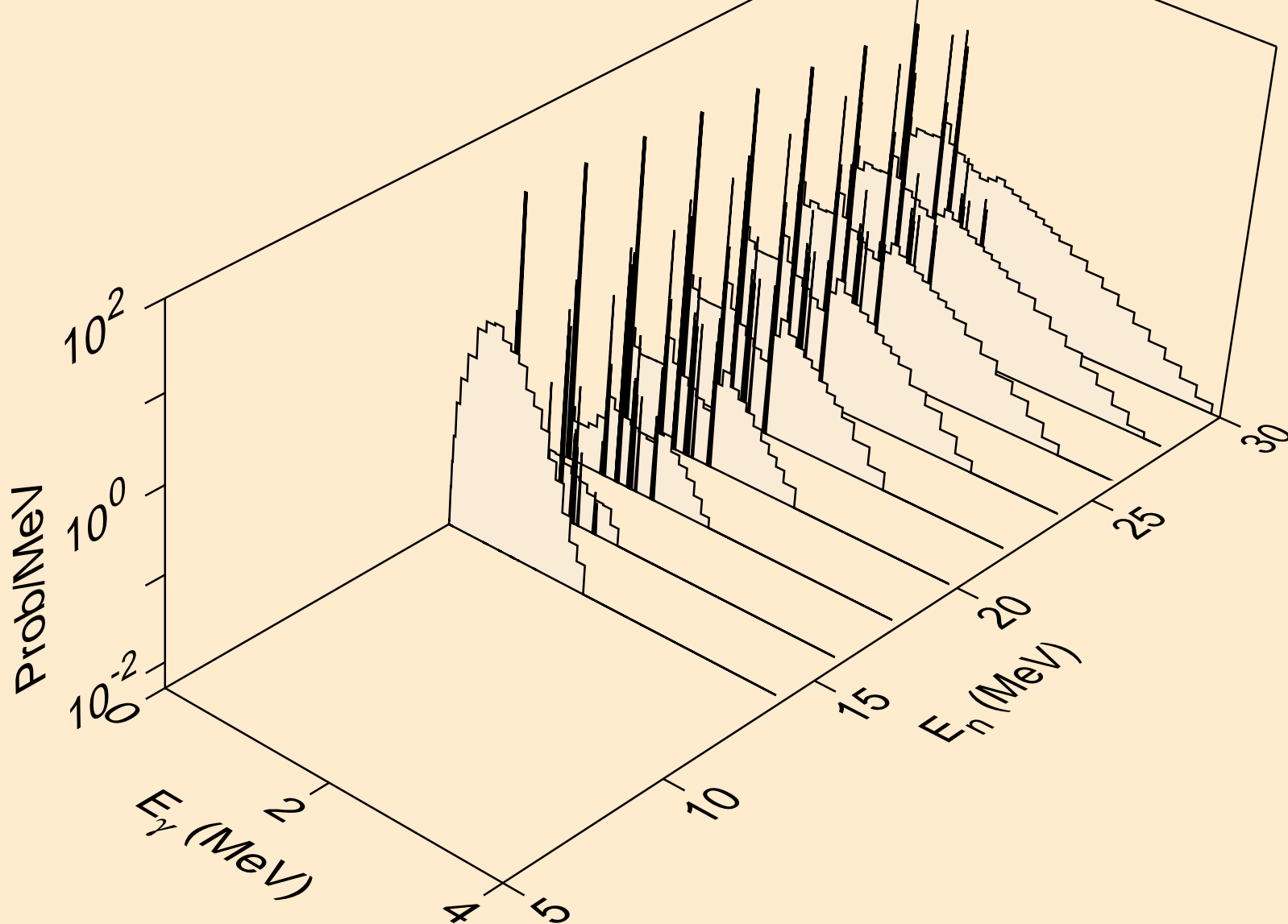
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



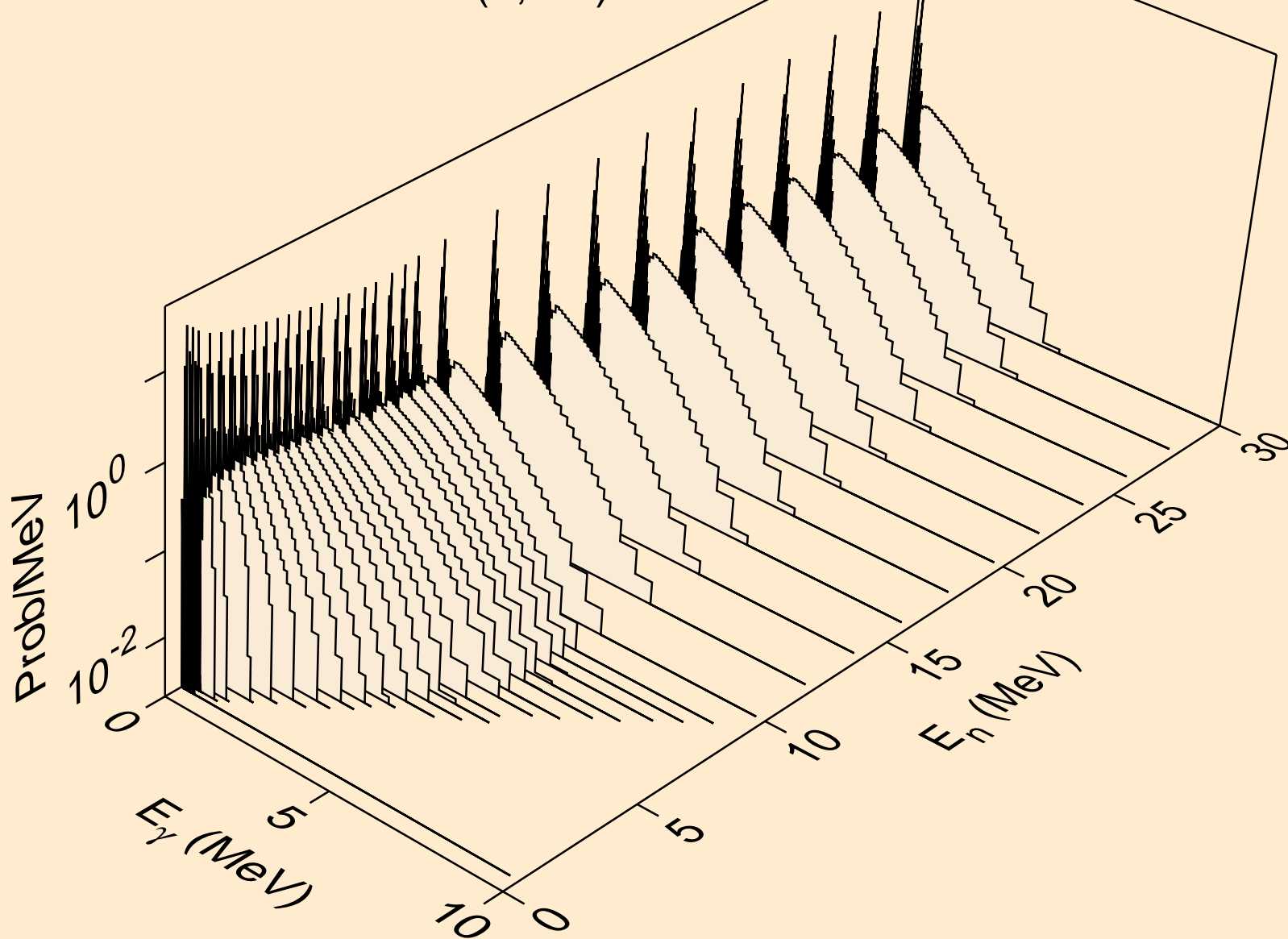
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



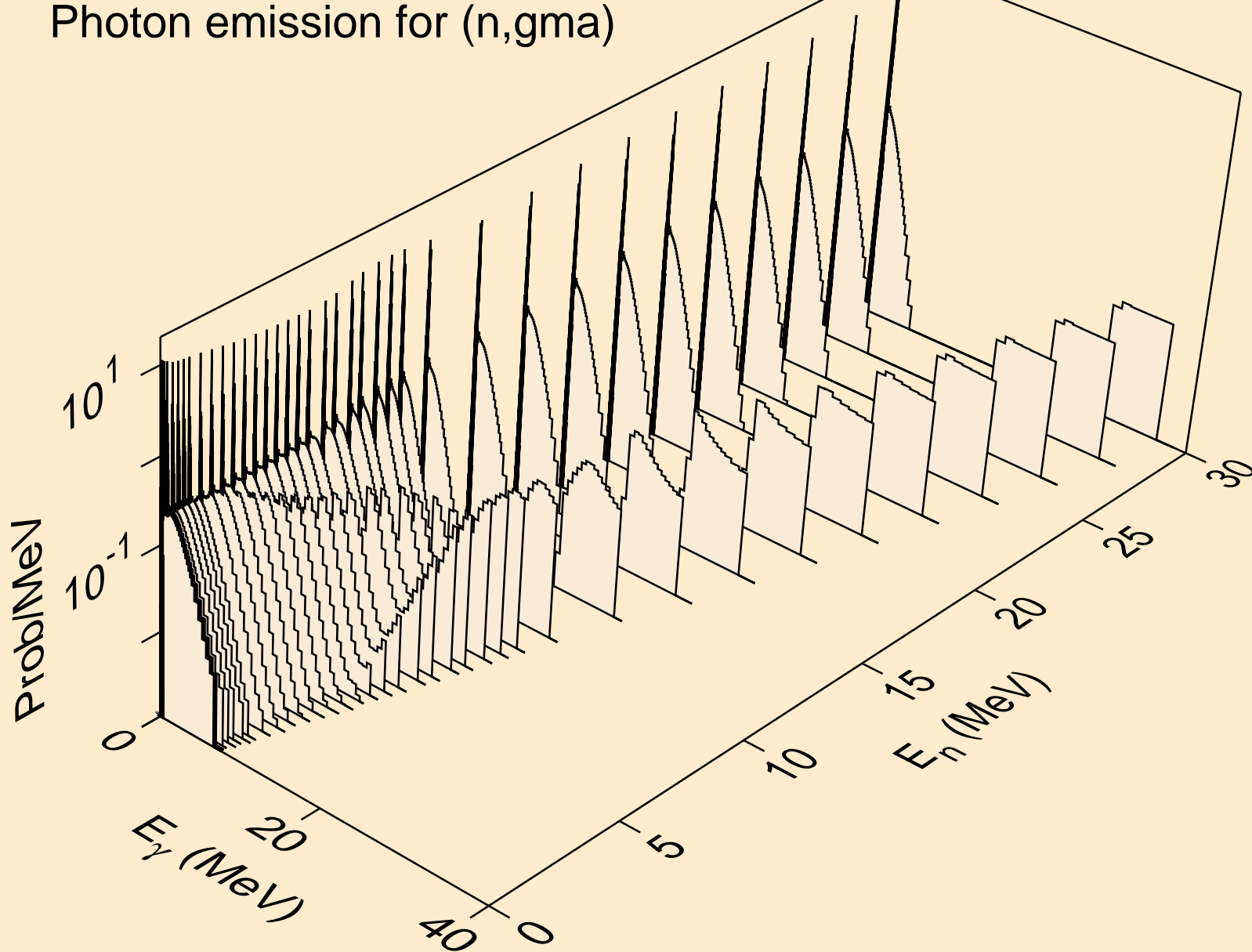
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



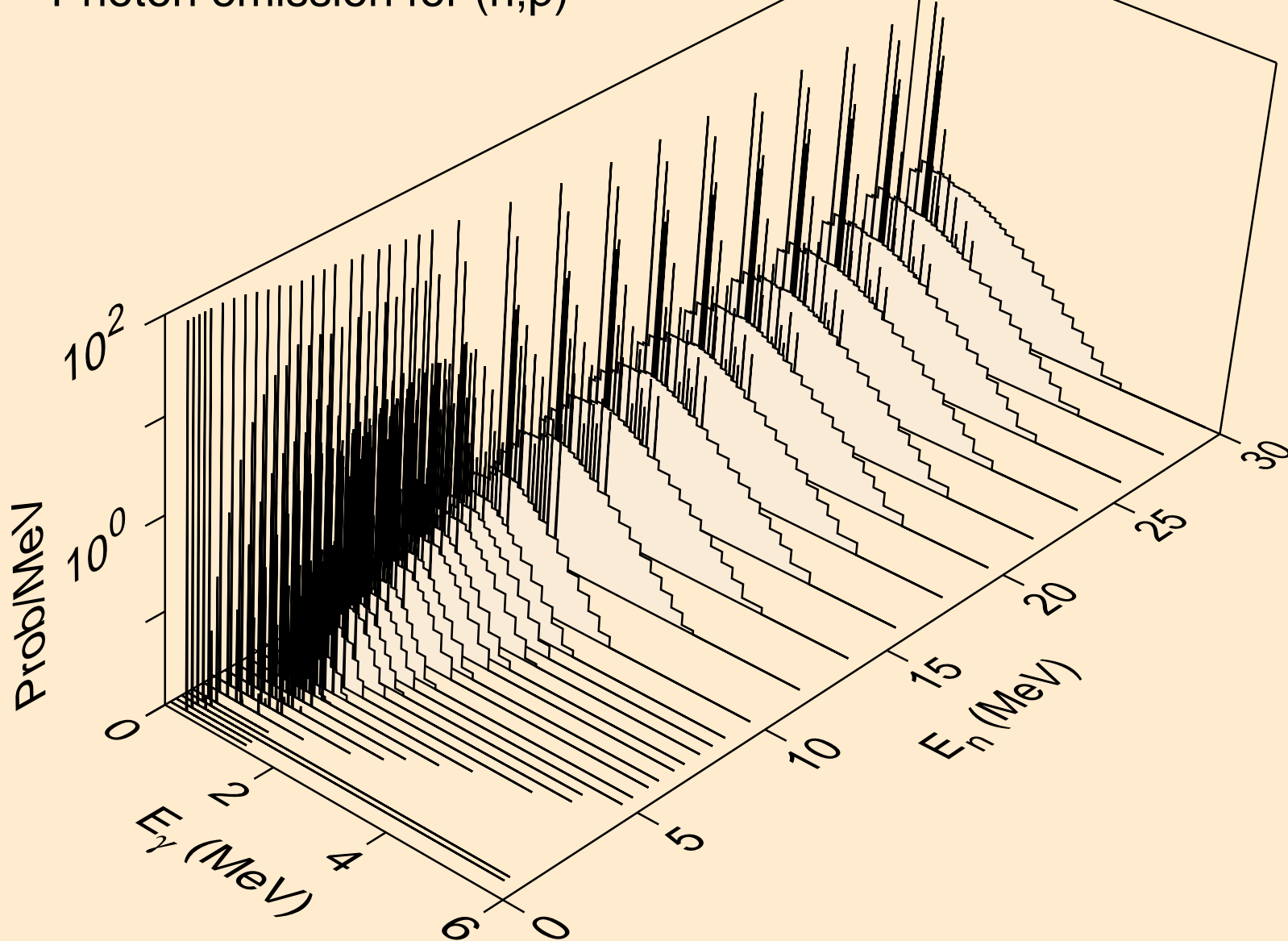
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



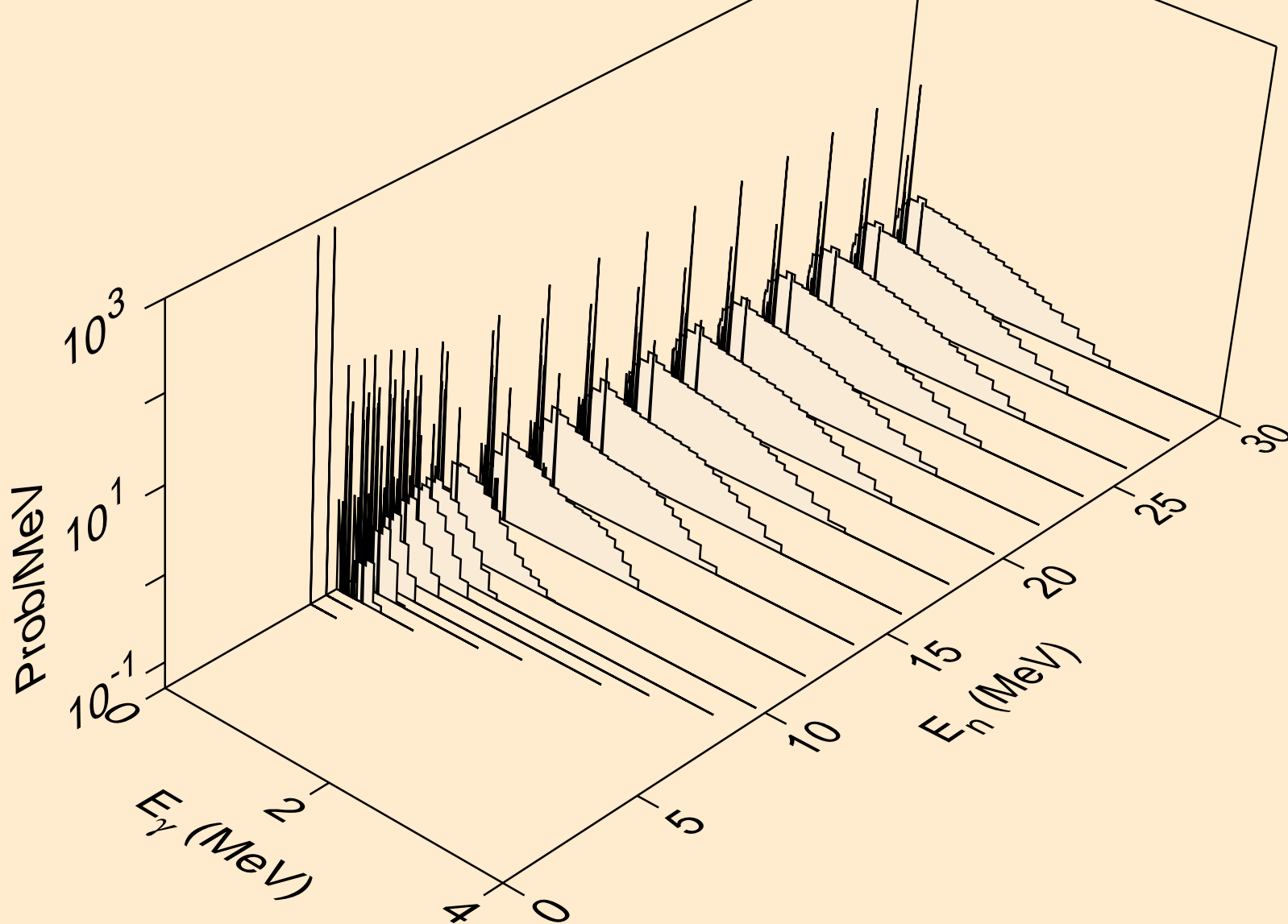
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



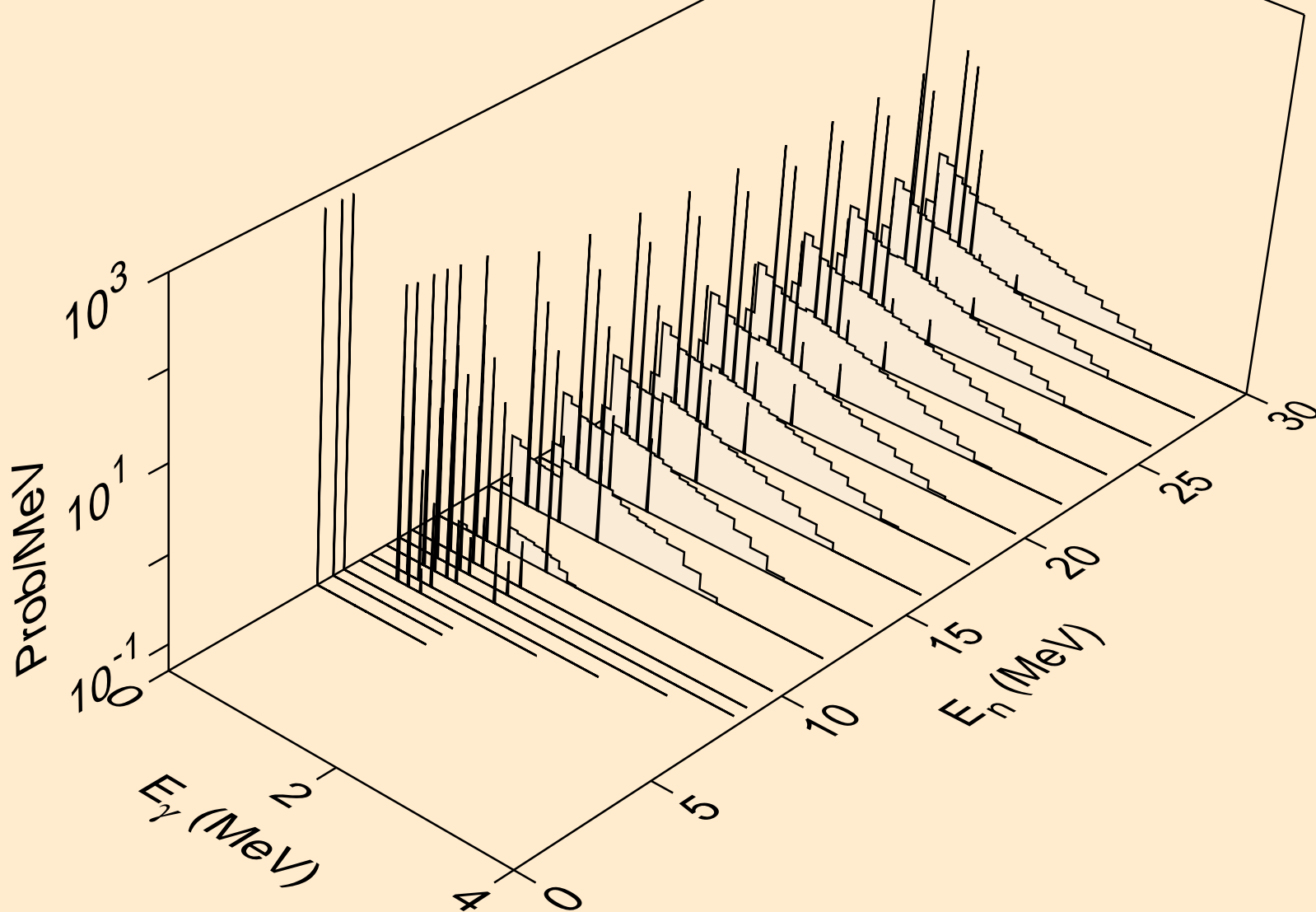
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



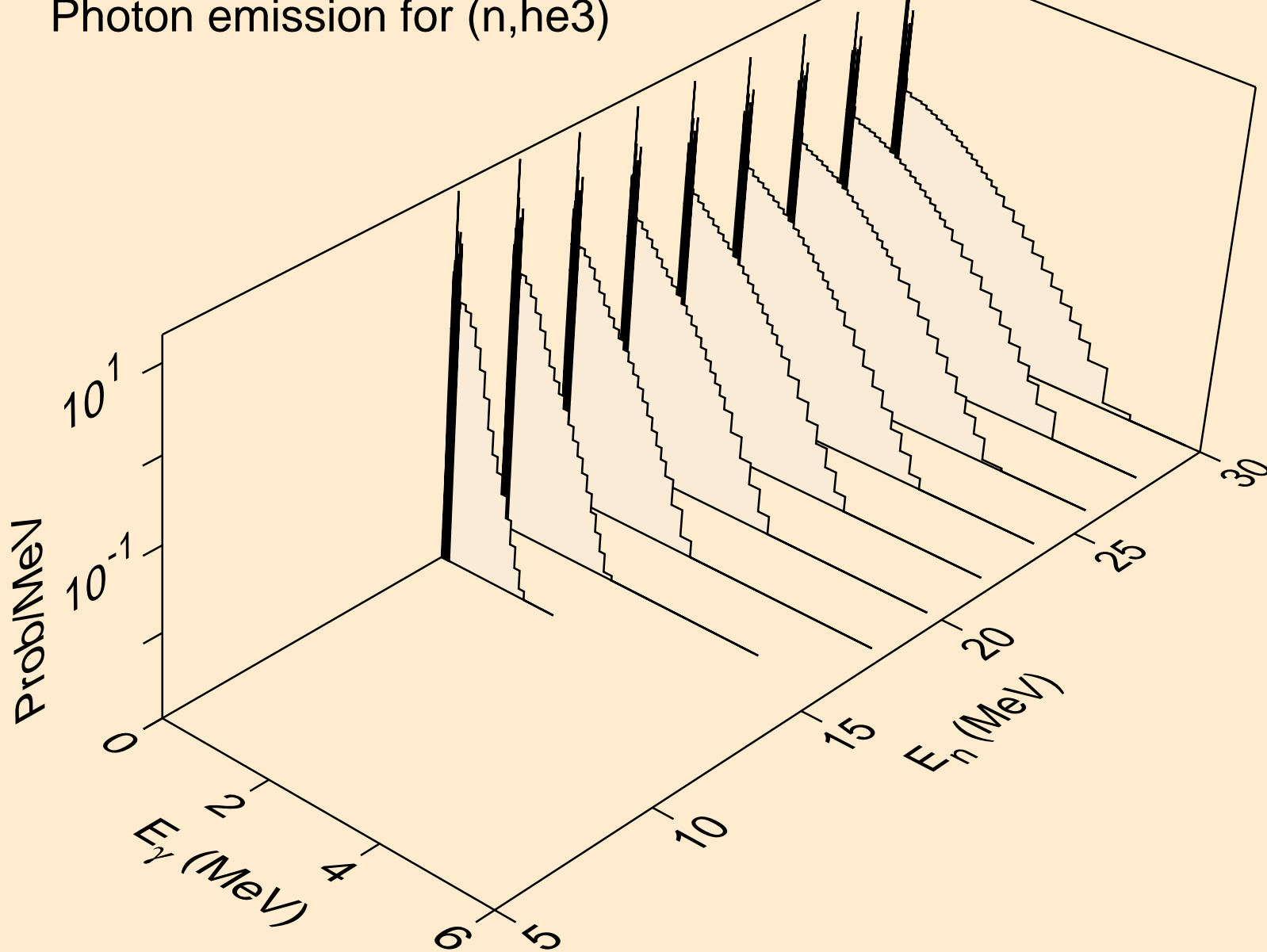
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



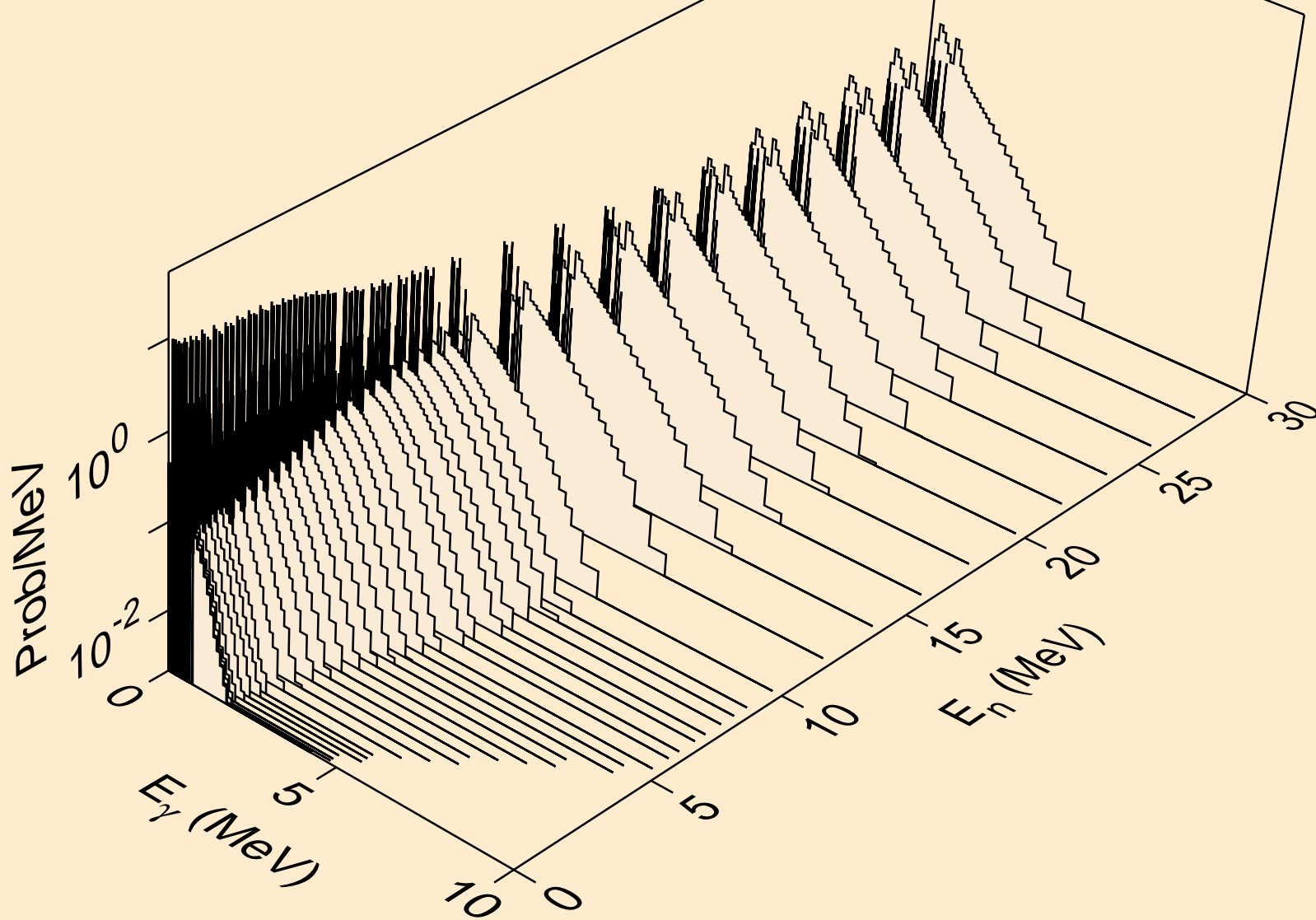
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



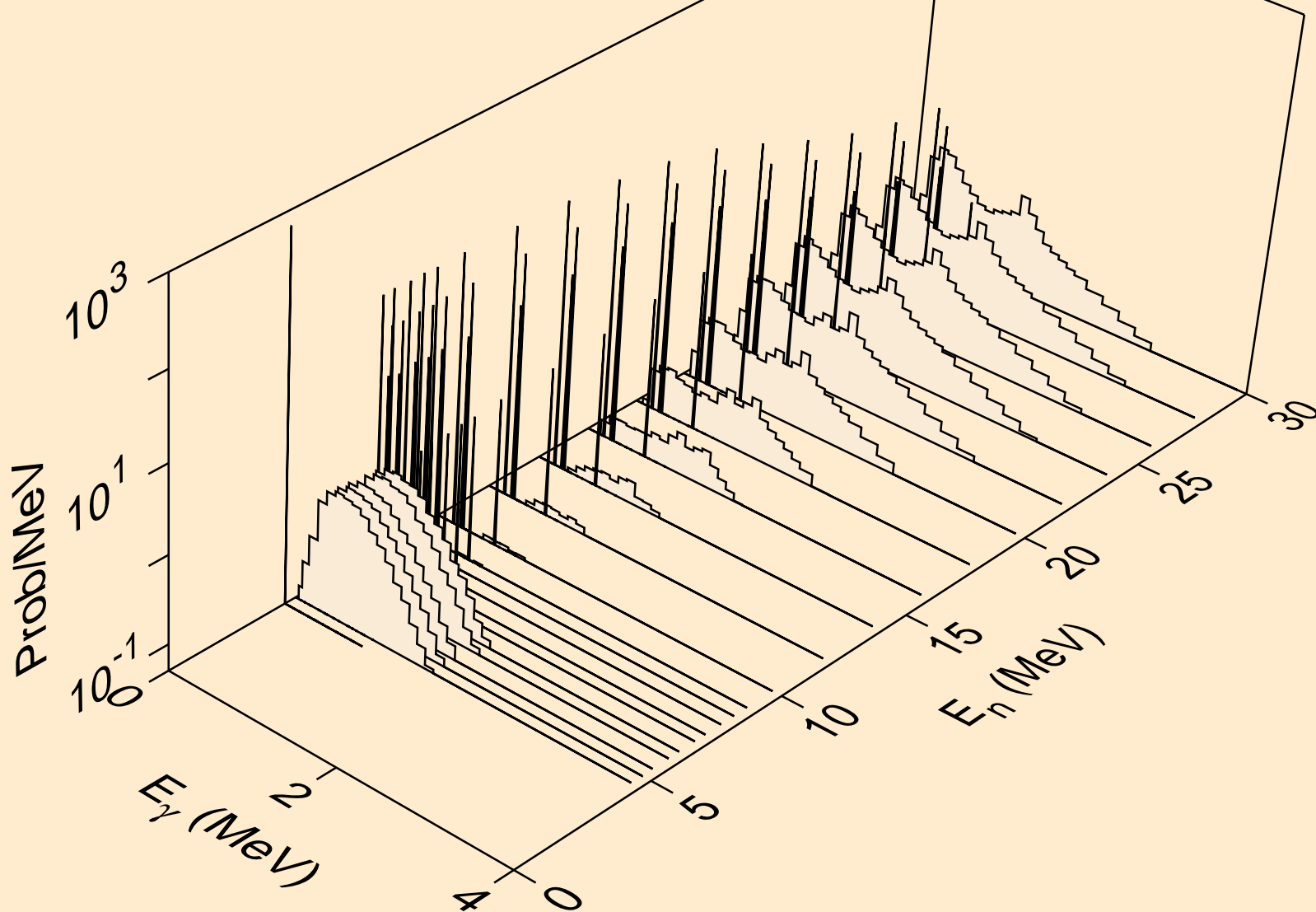
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



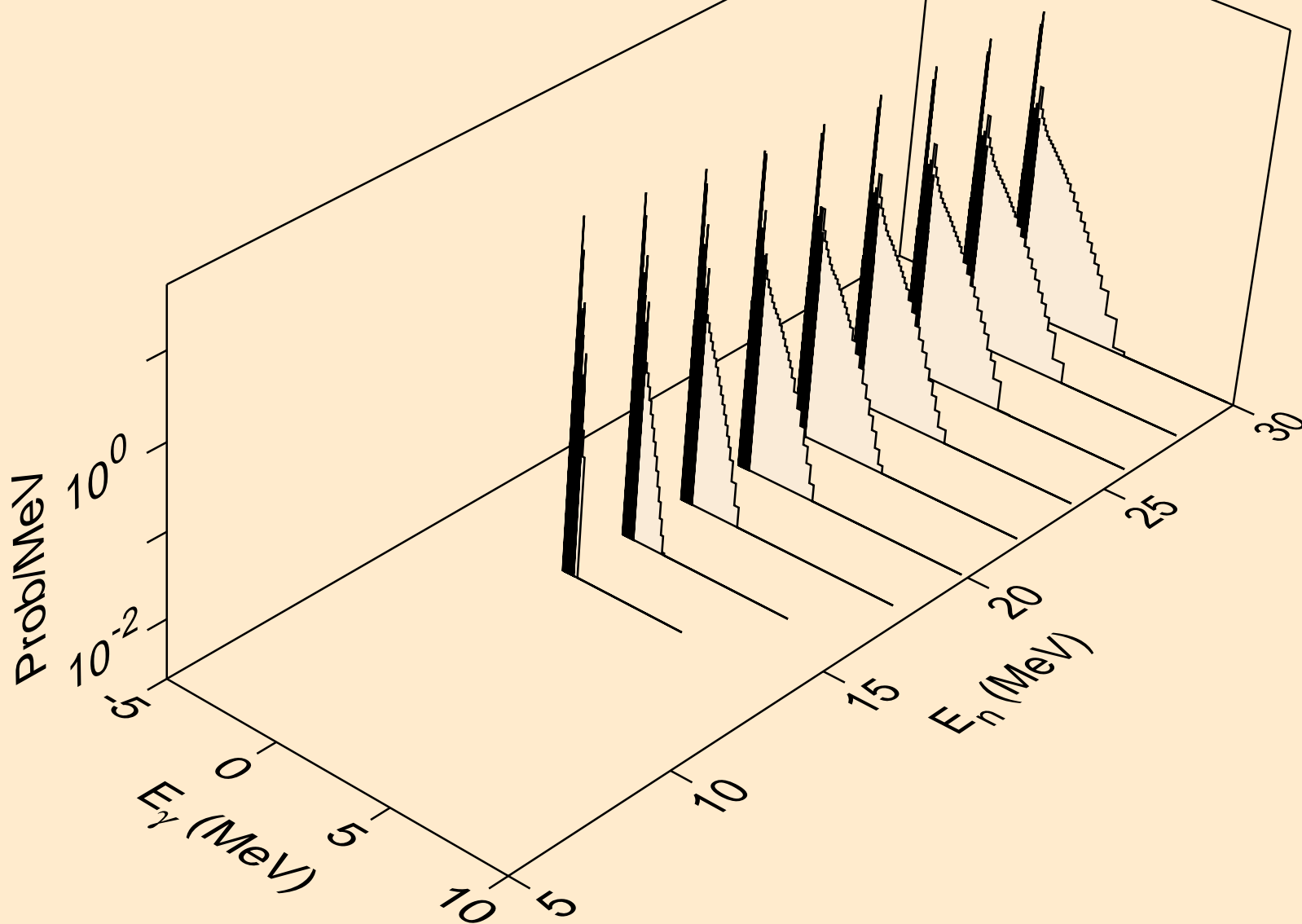
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



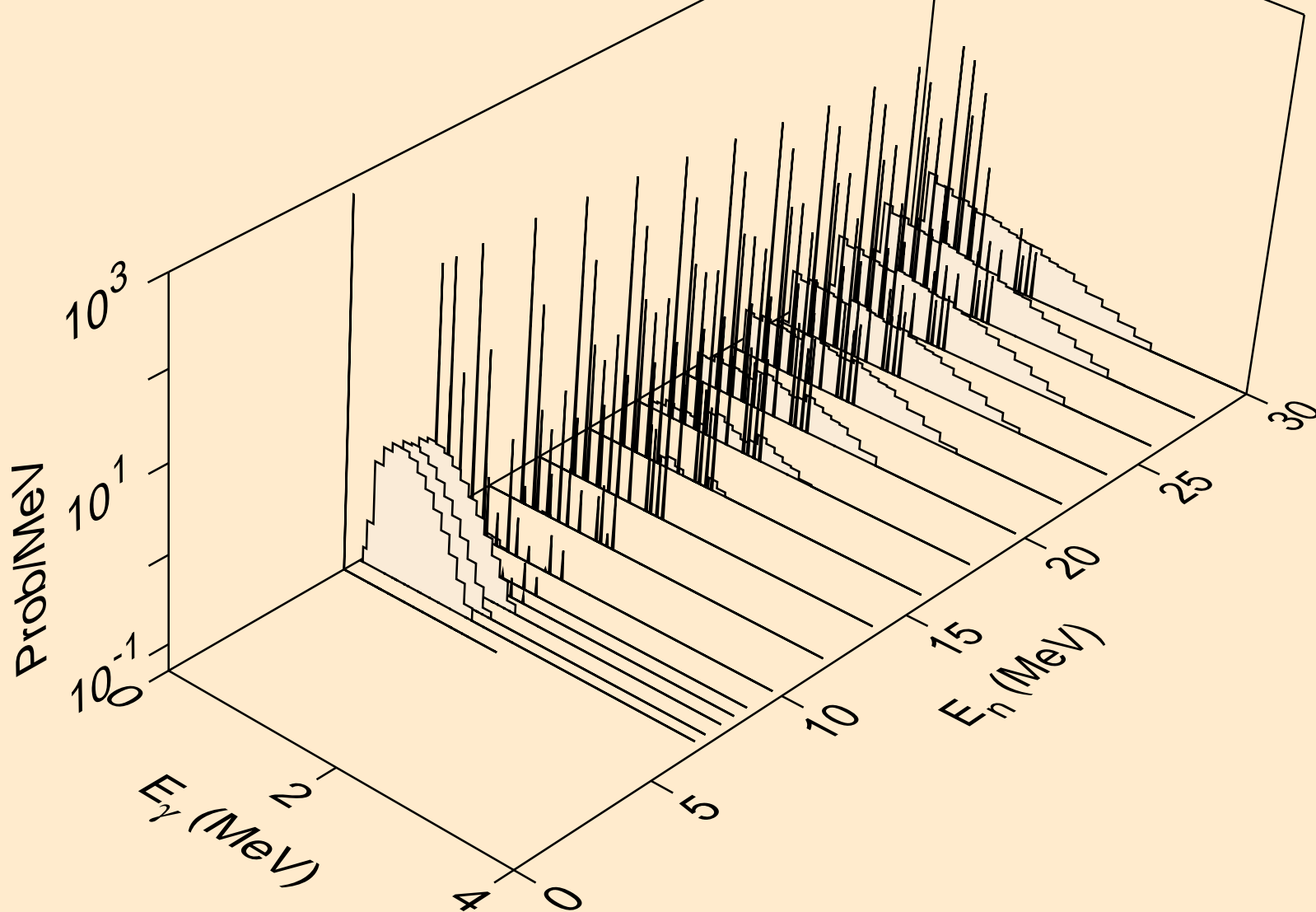
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



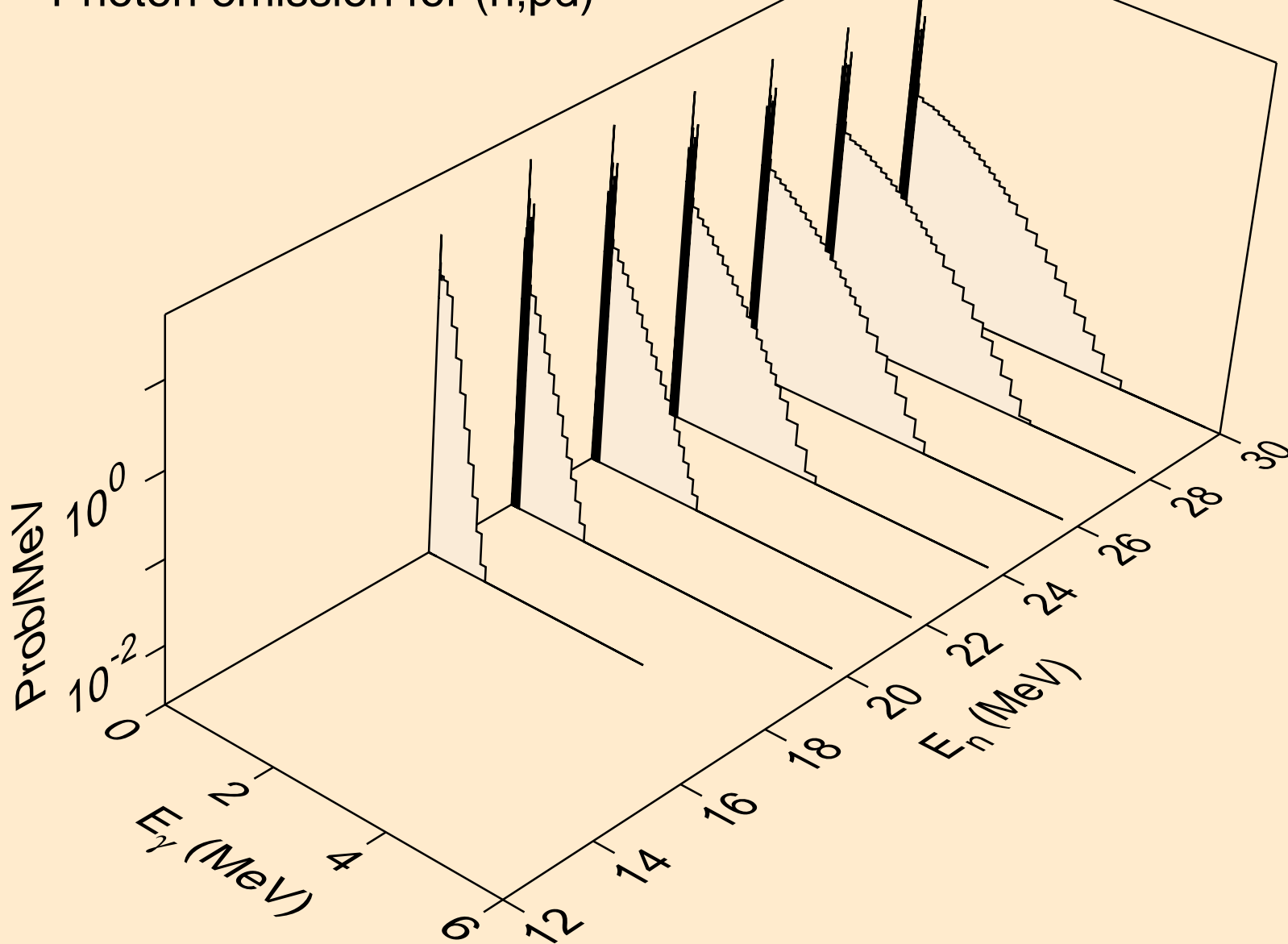
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



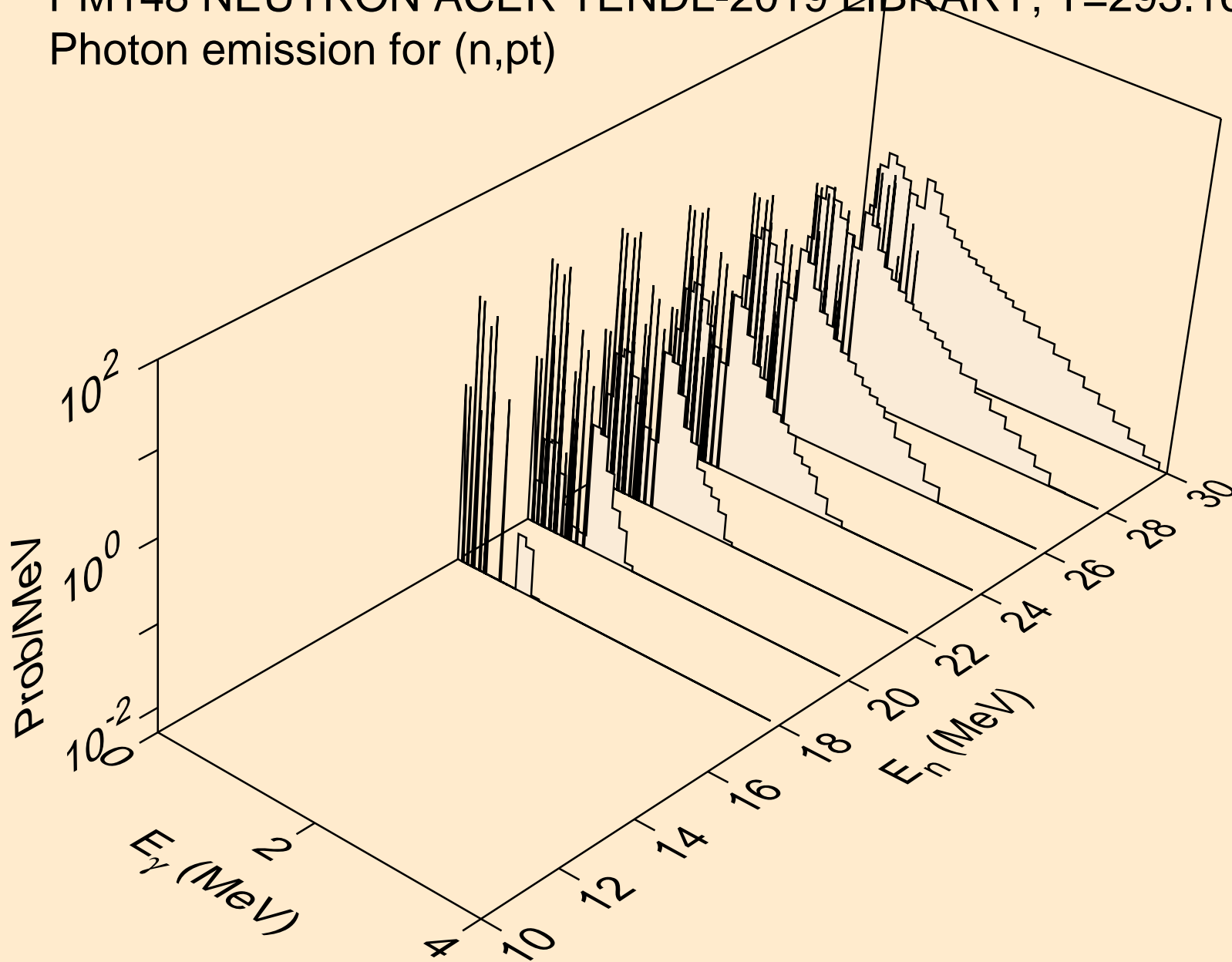
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



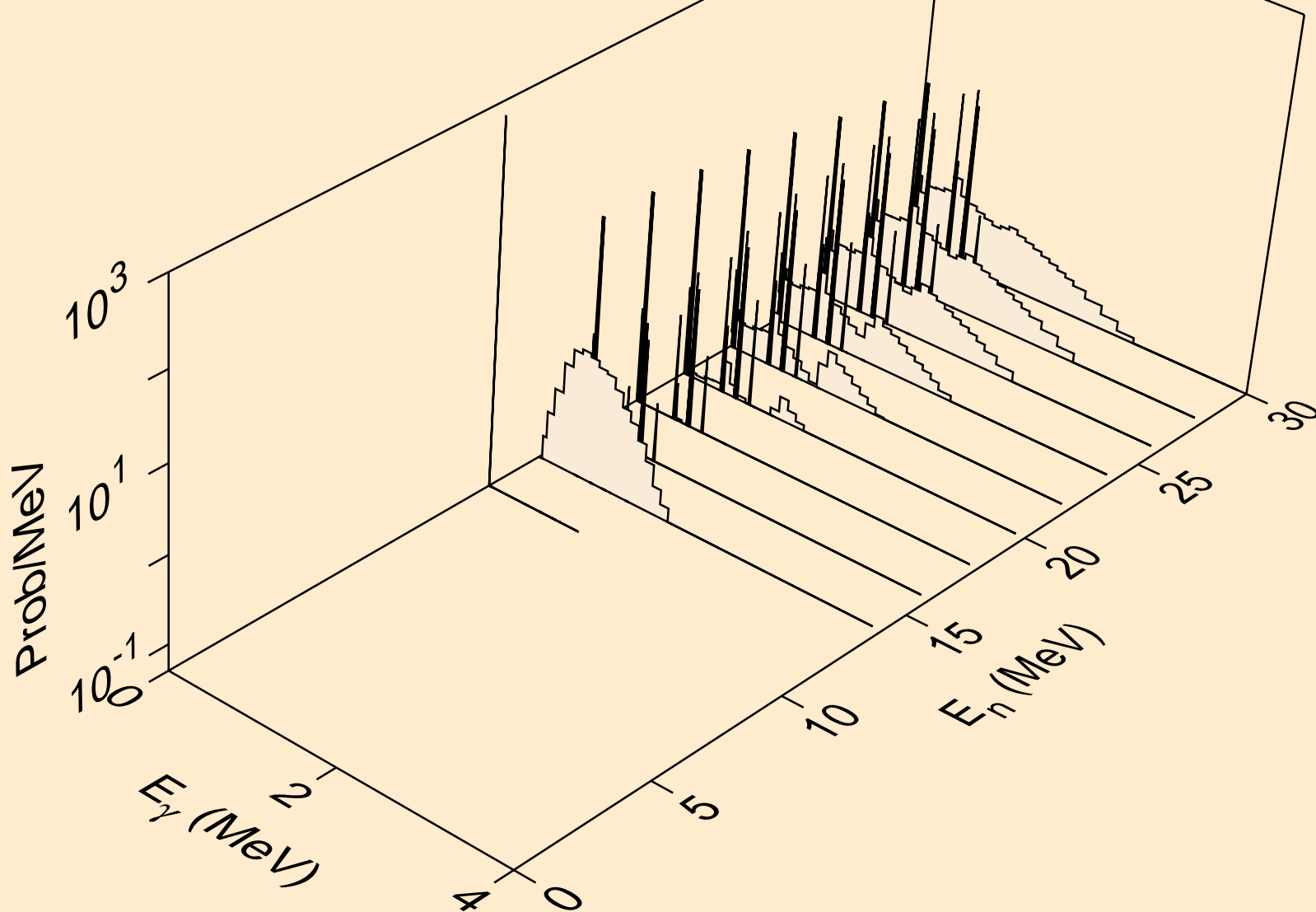
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



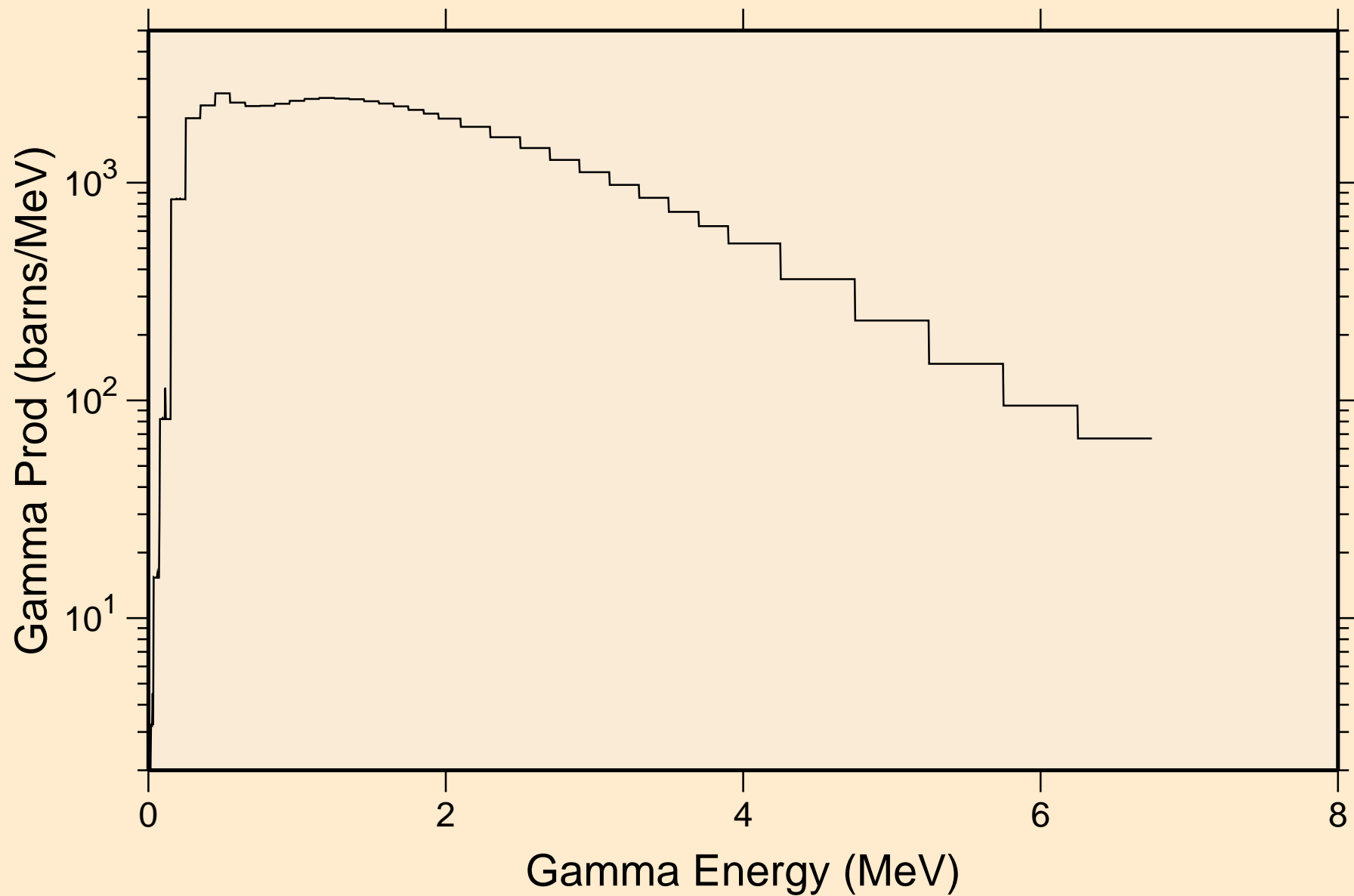
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



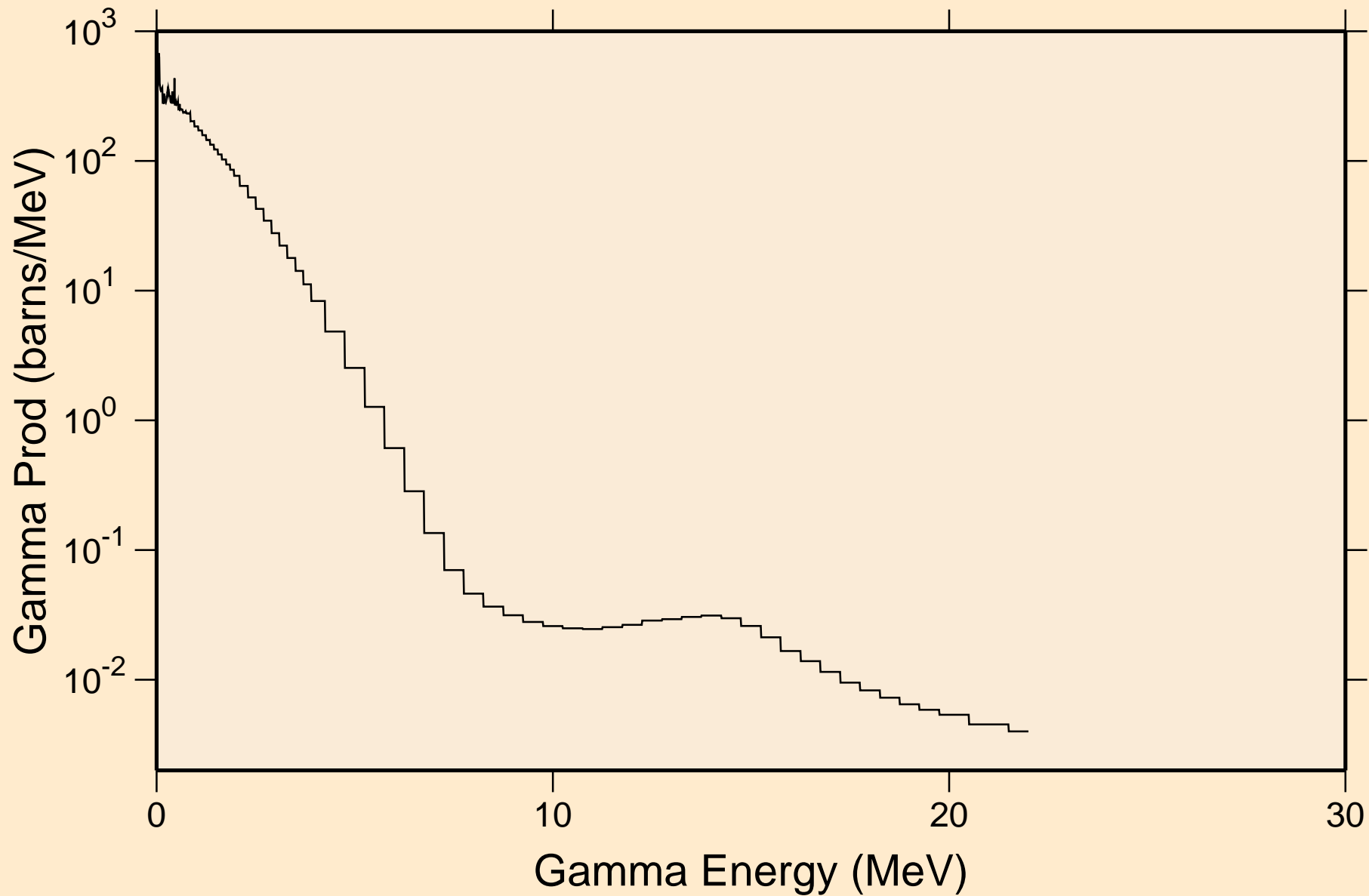
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



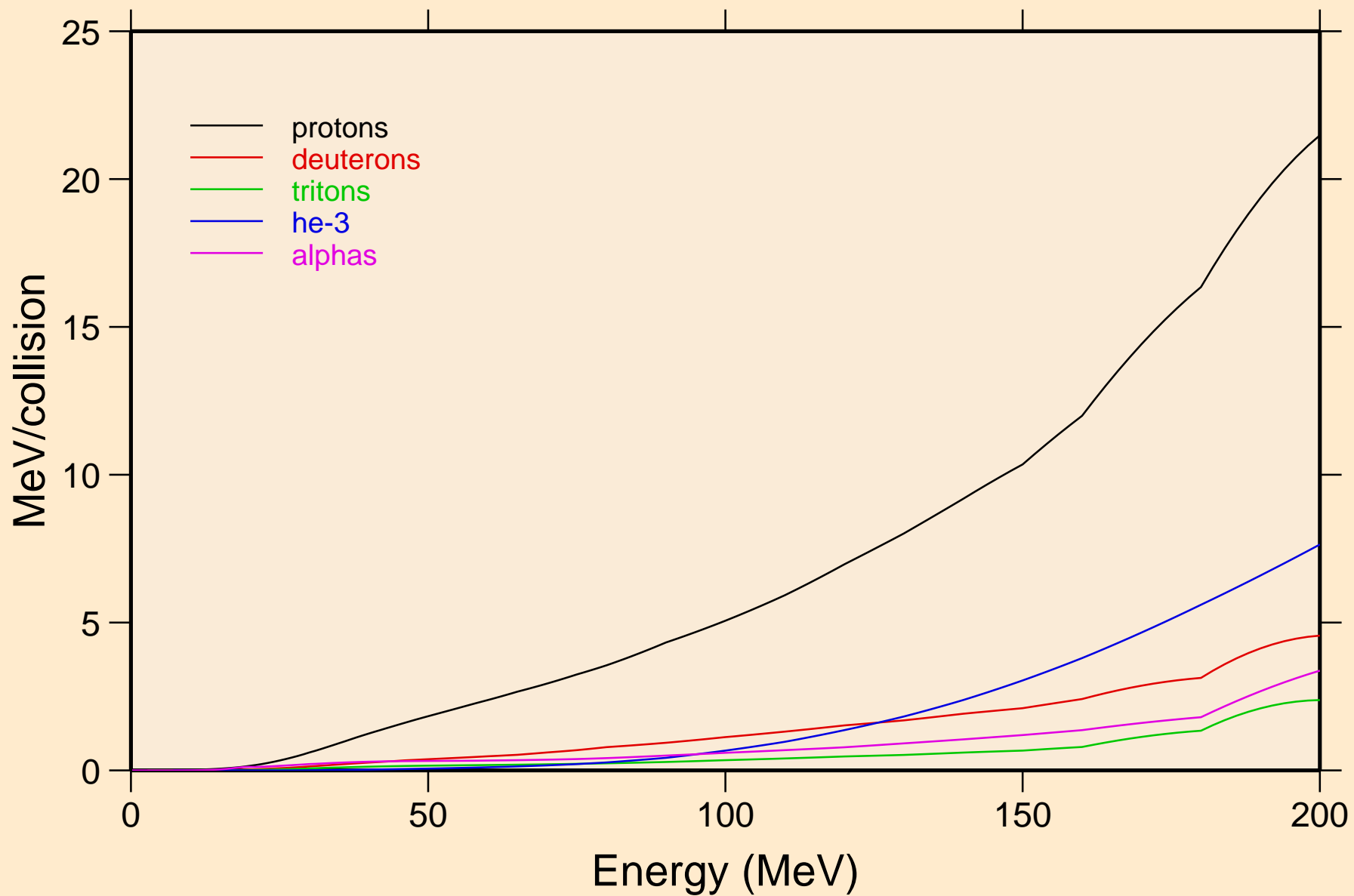
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



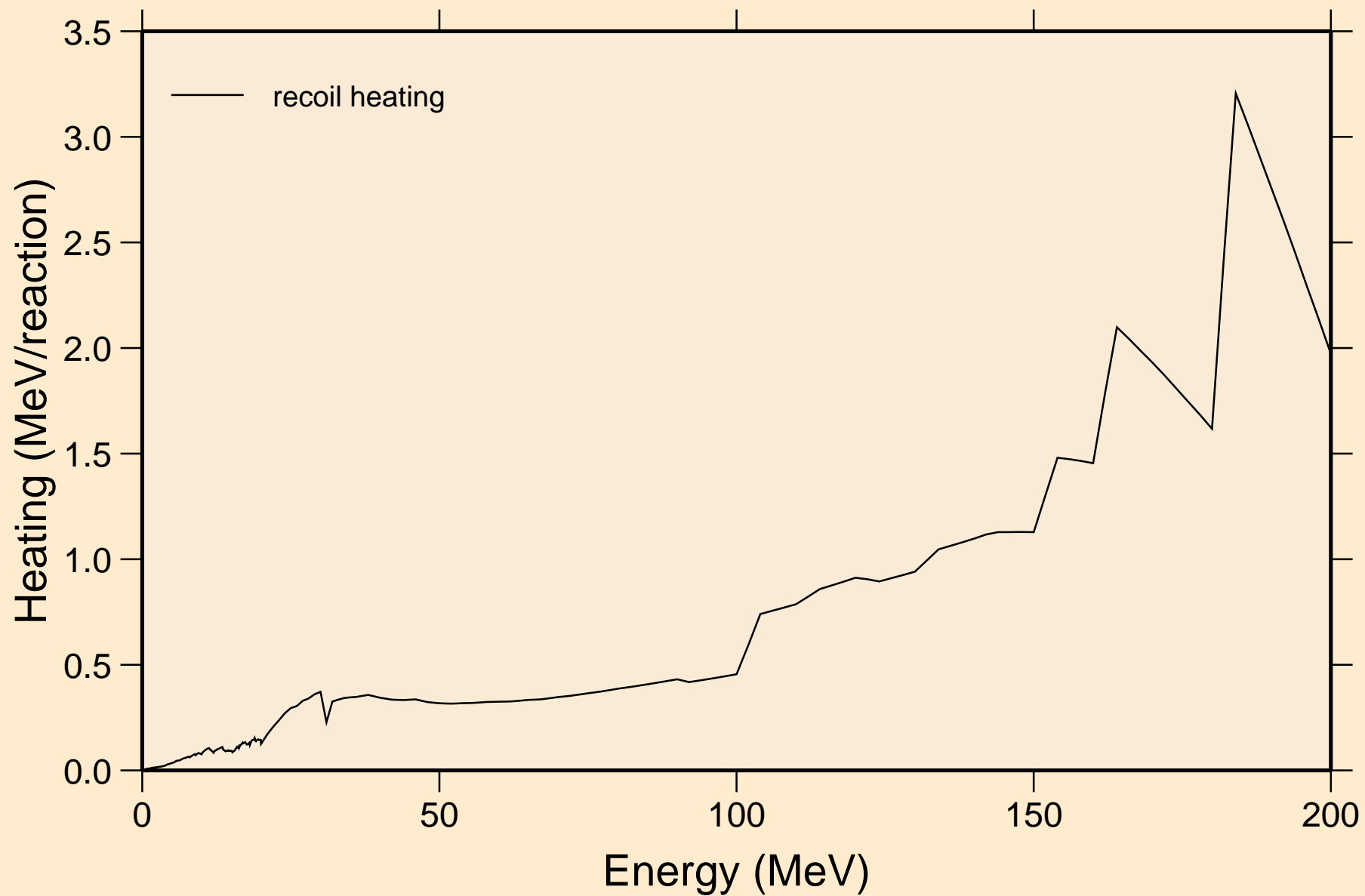
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



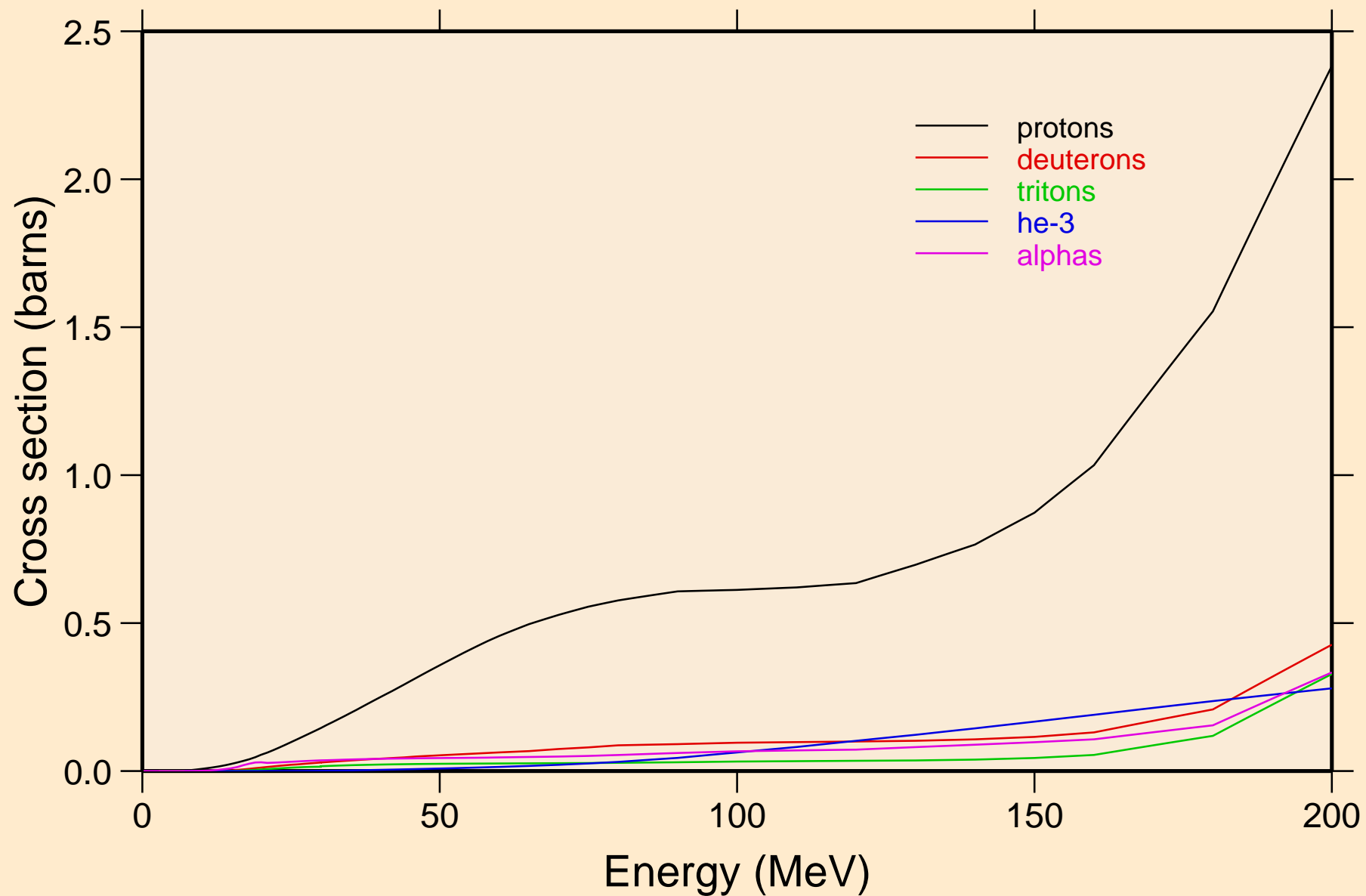
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions



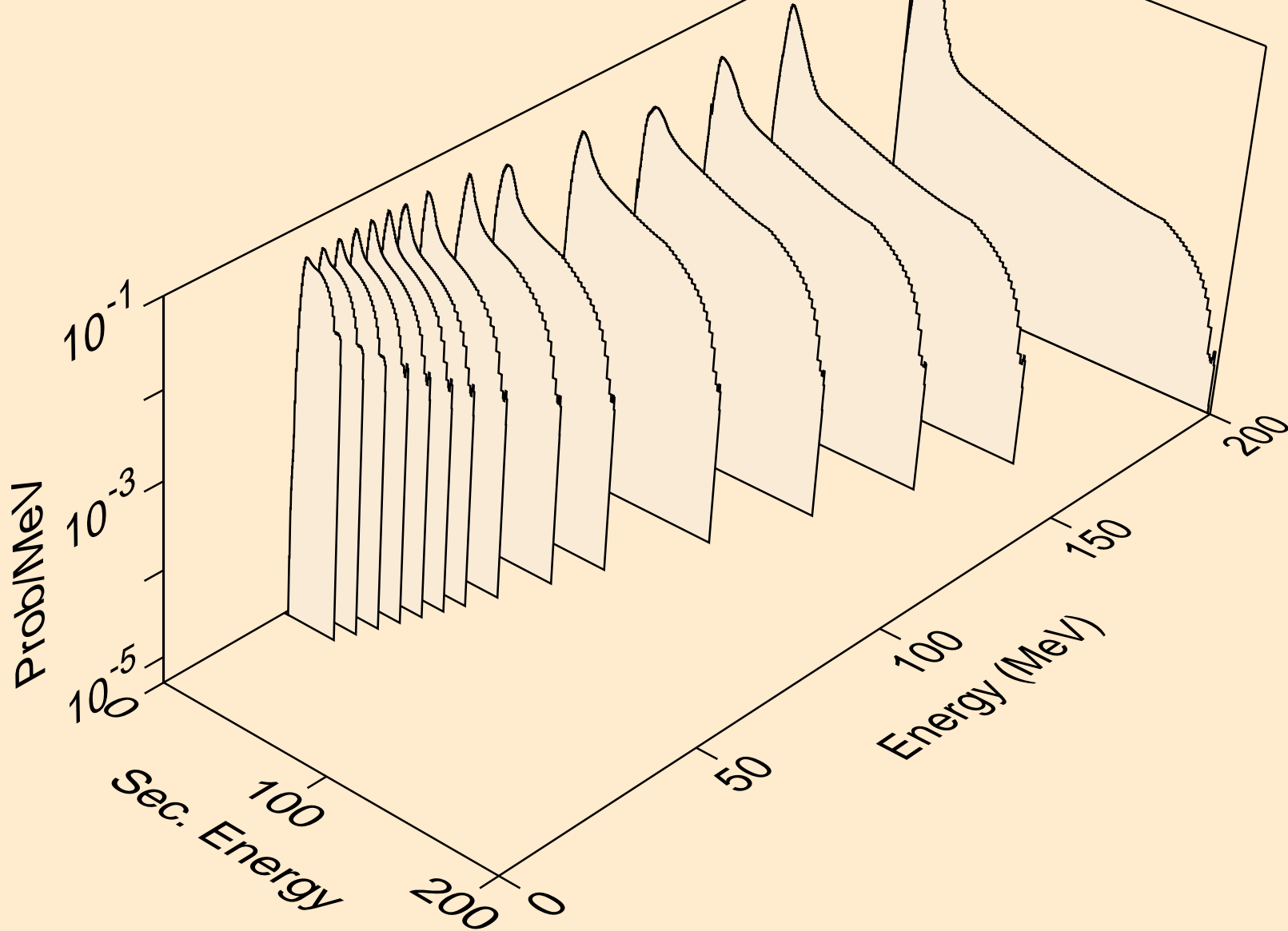
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



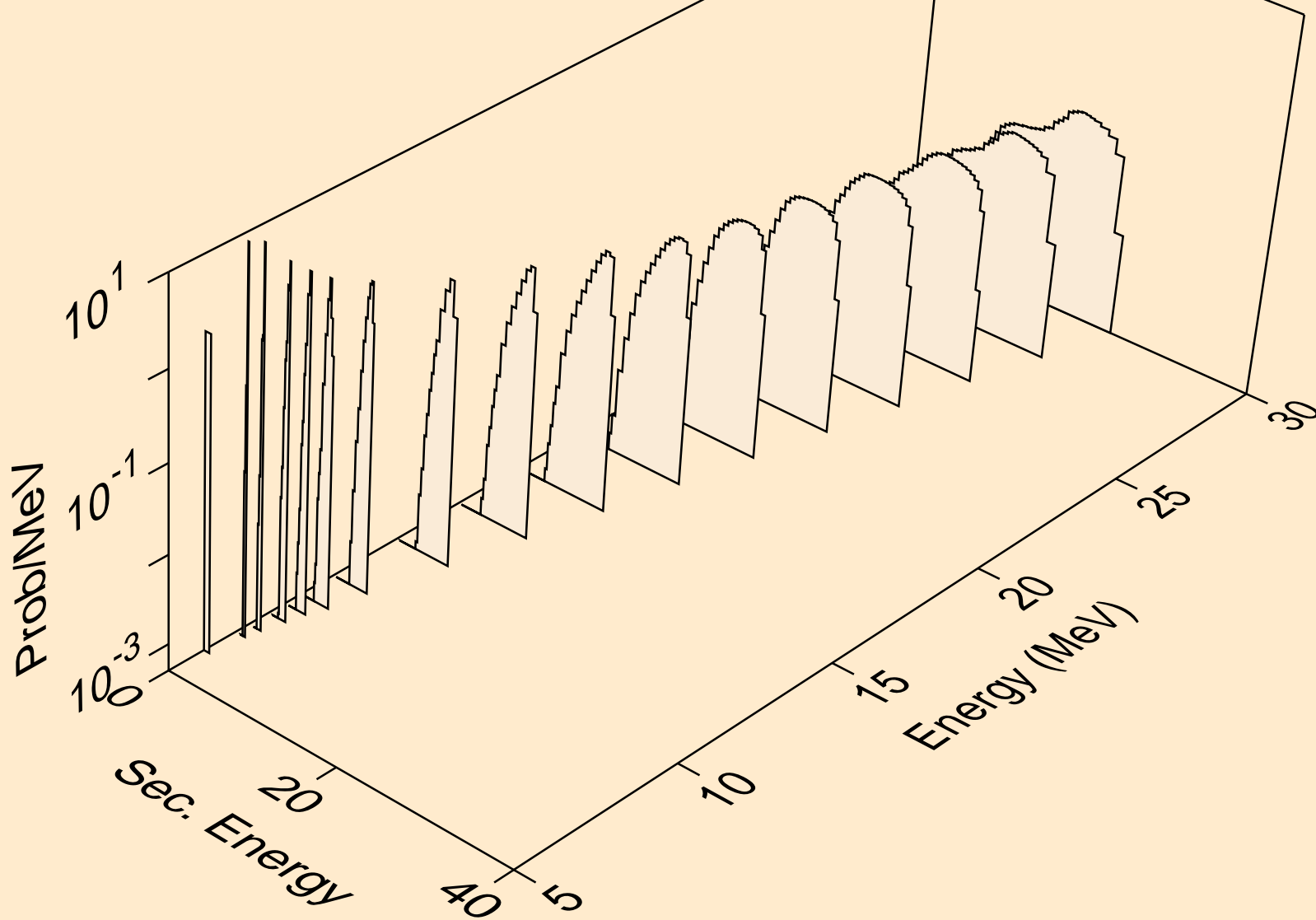
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



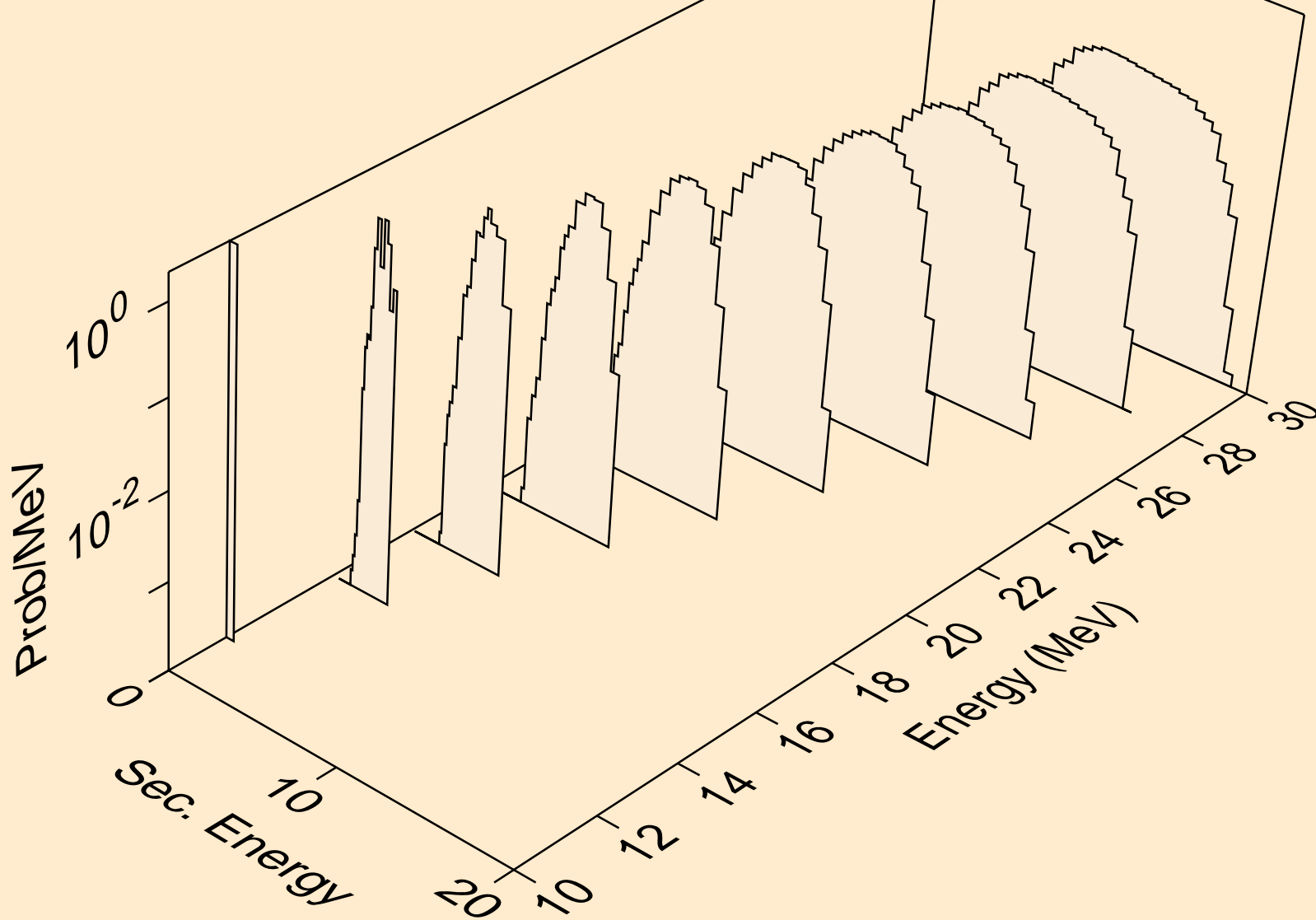
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



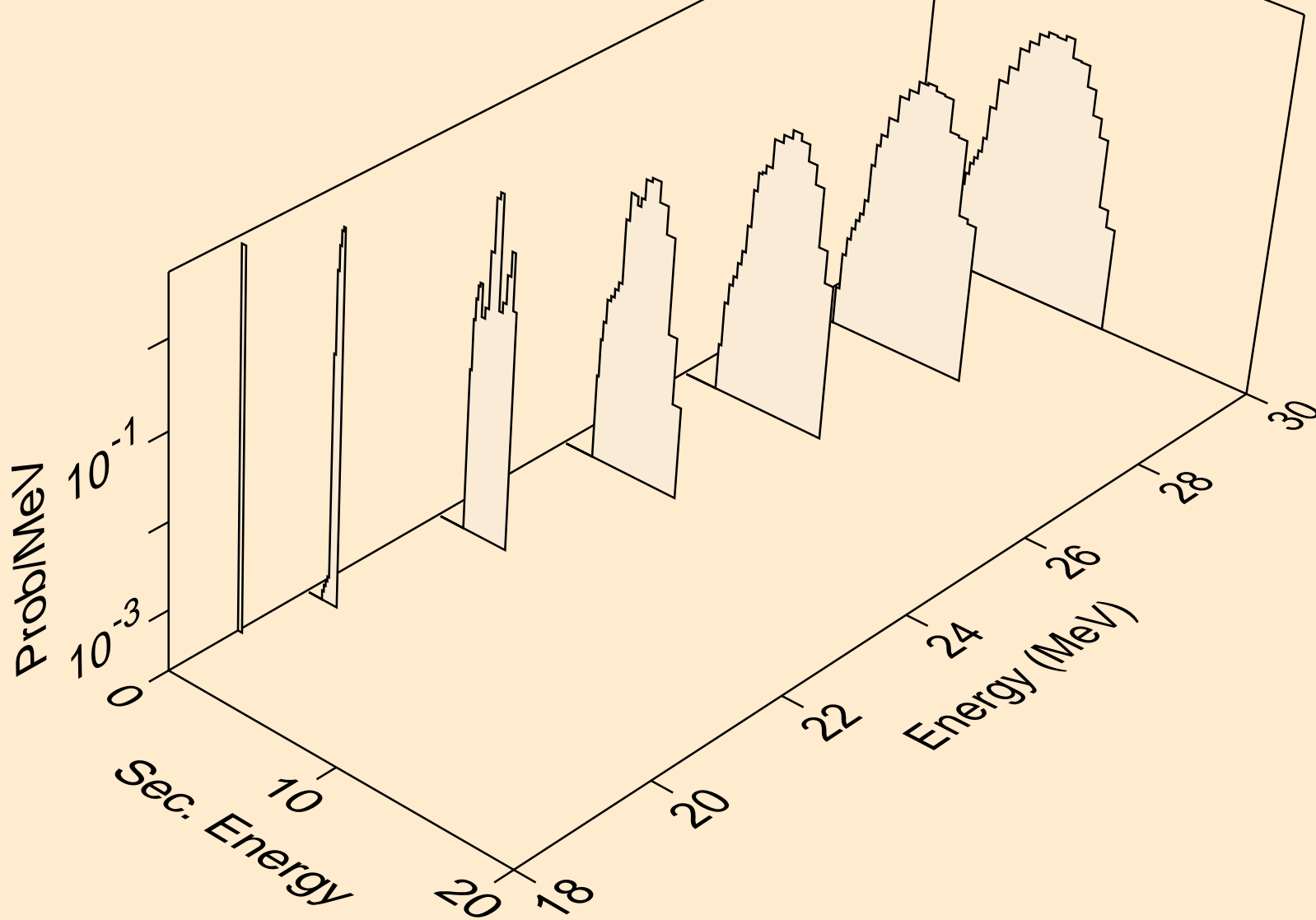
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



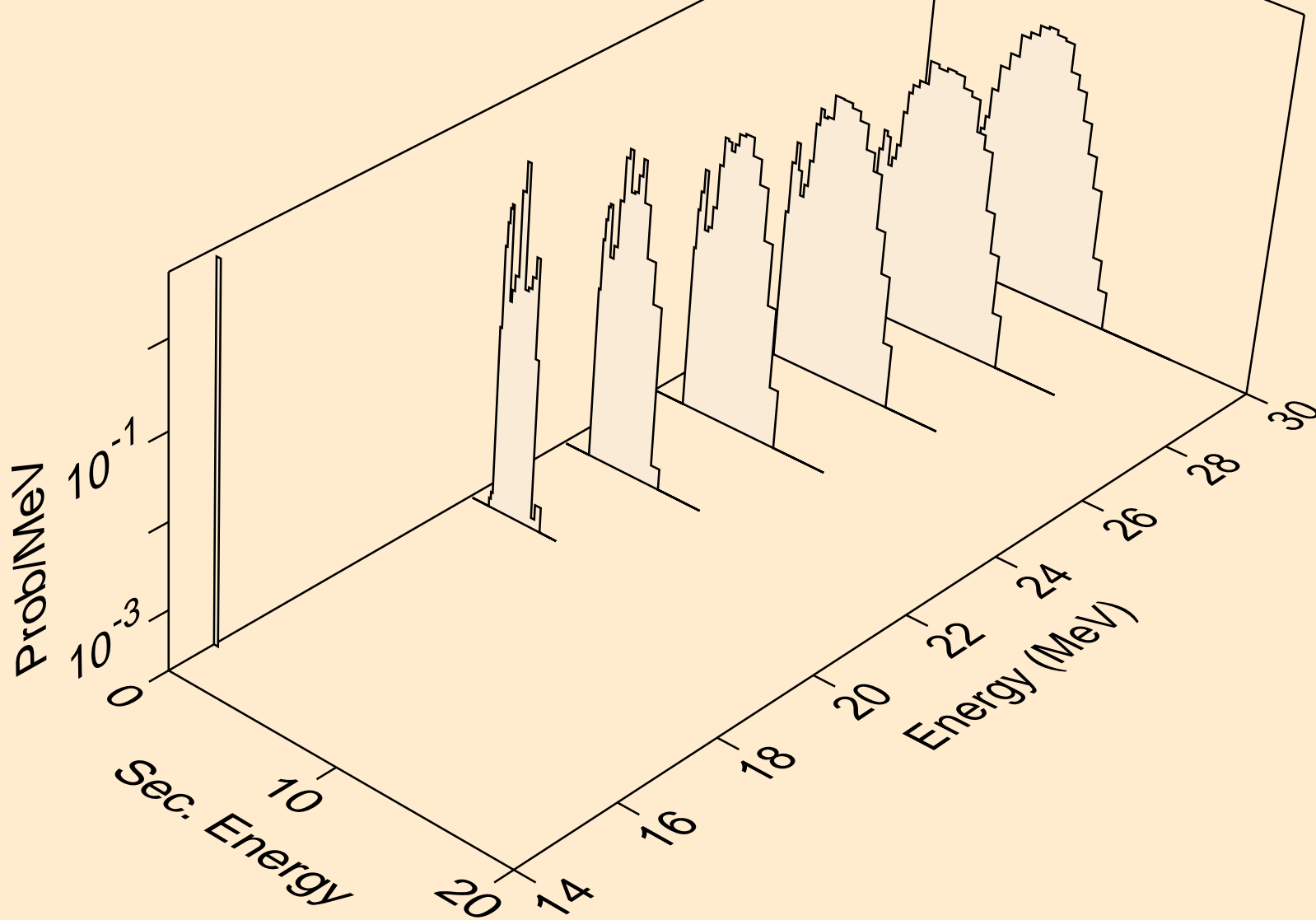
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



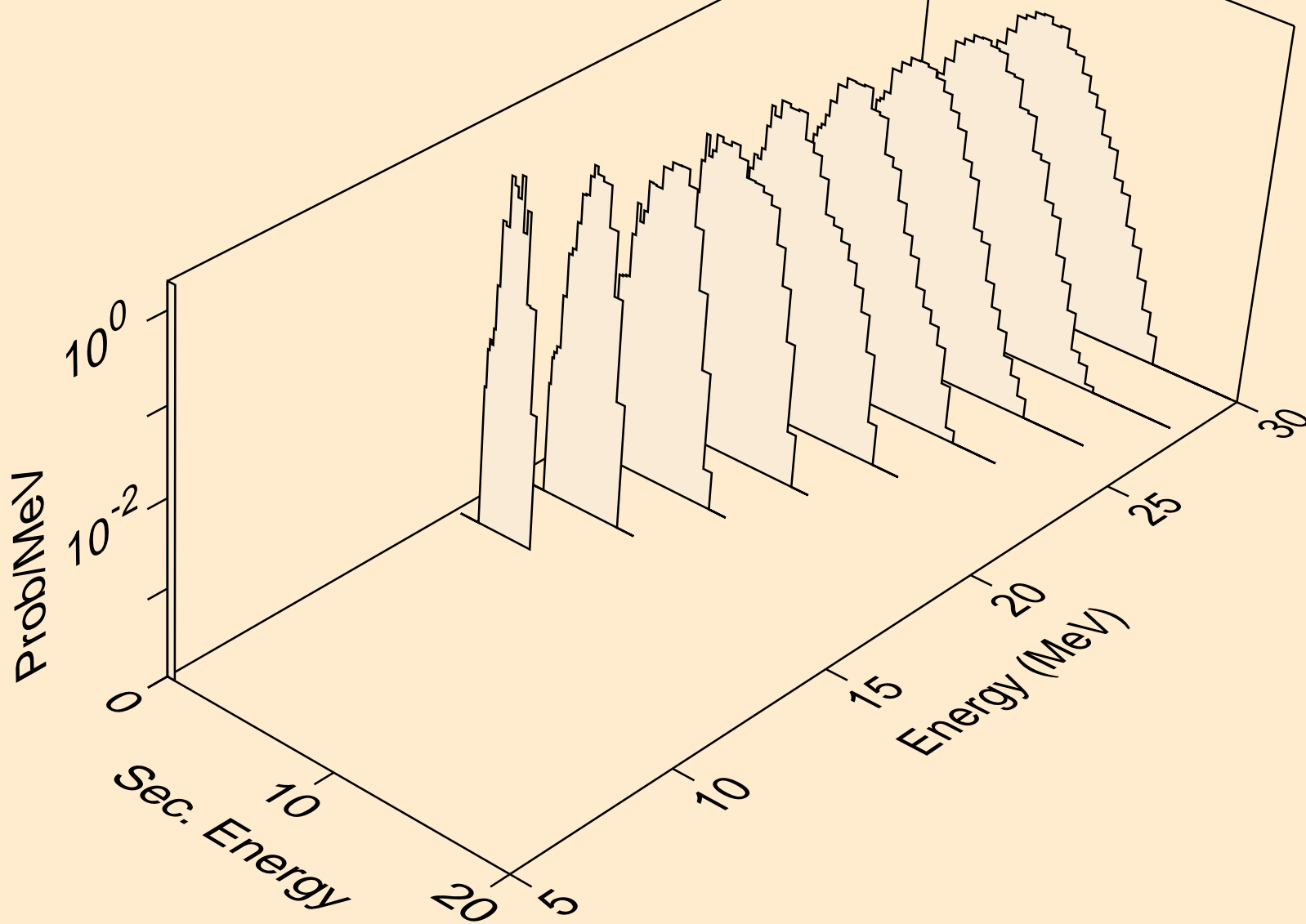
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



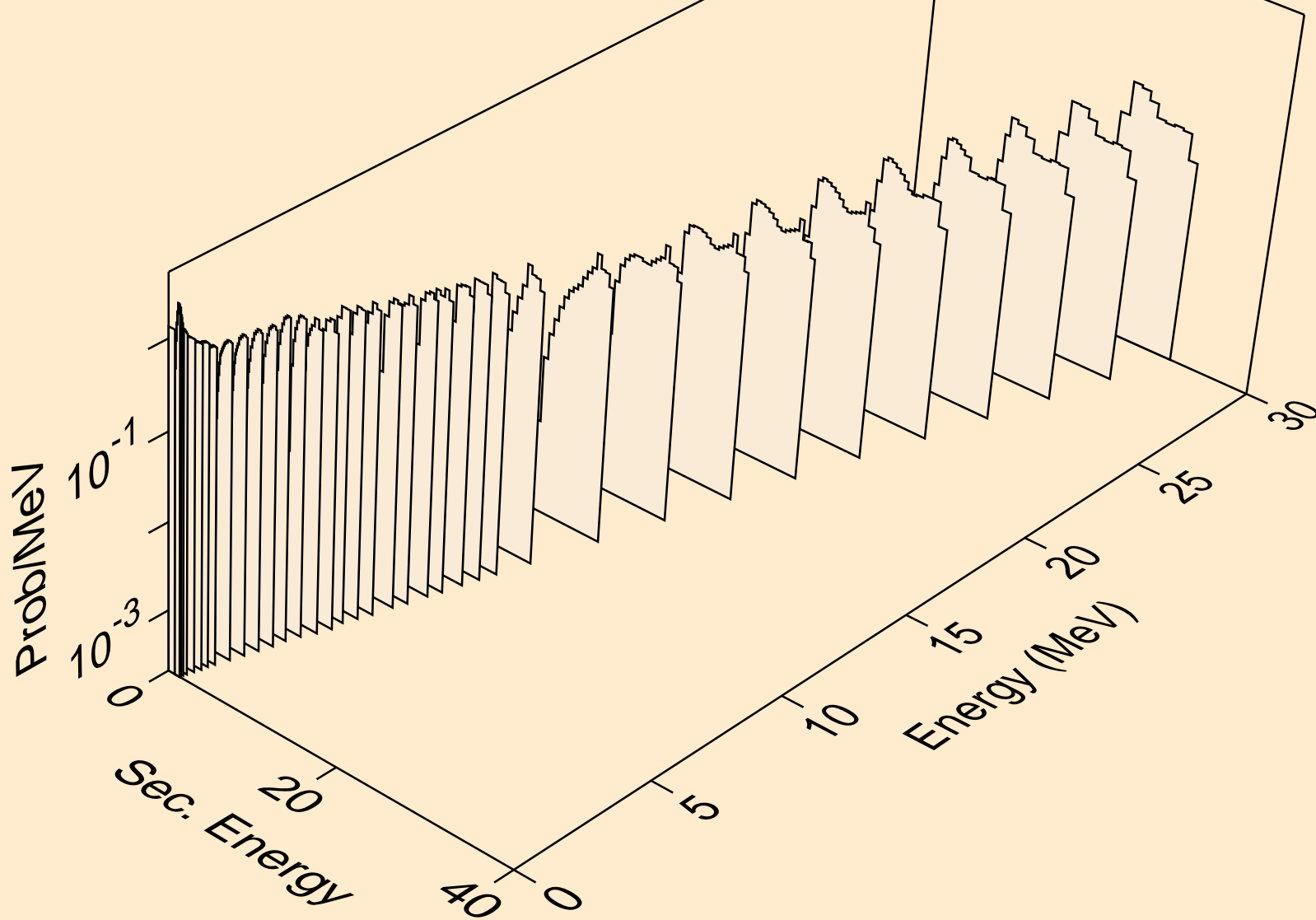
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protons from (n,2np)



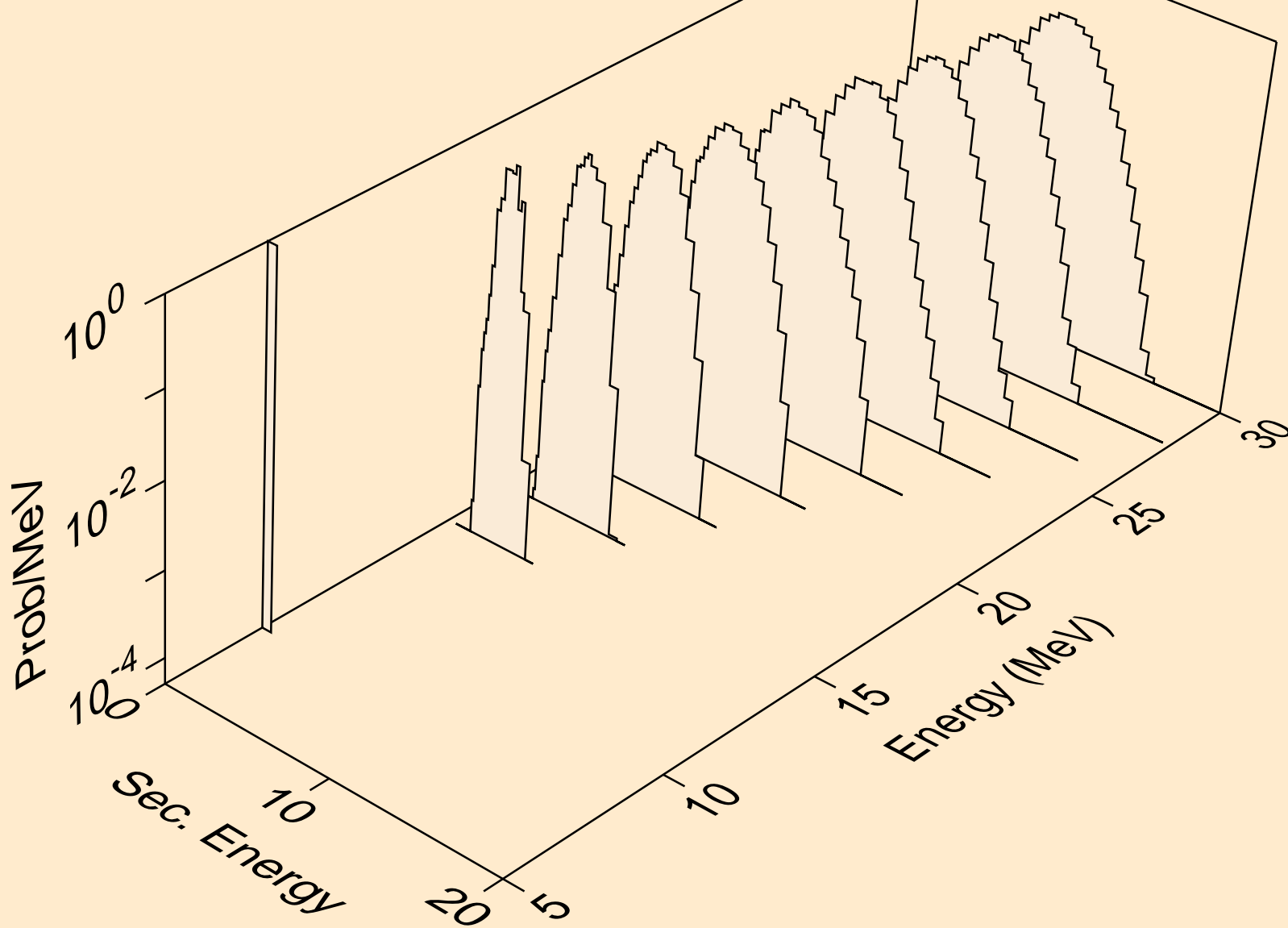
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protons from (n,npa)



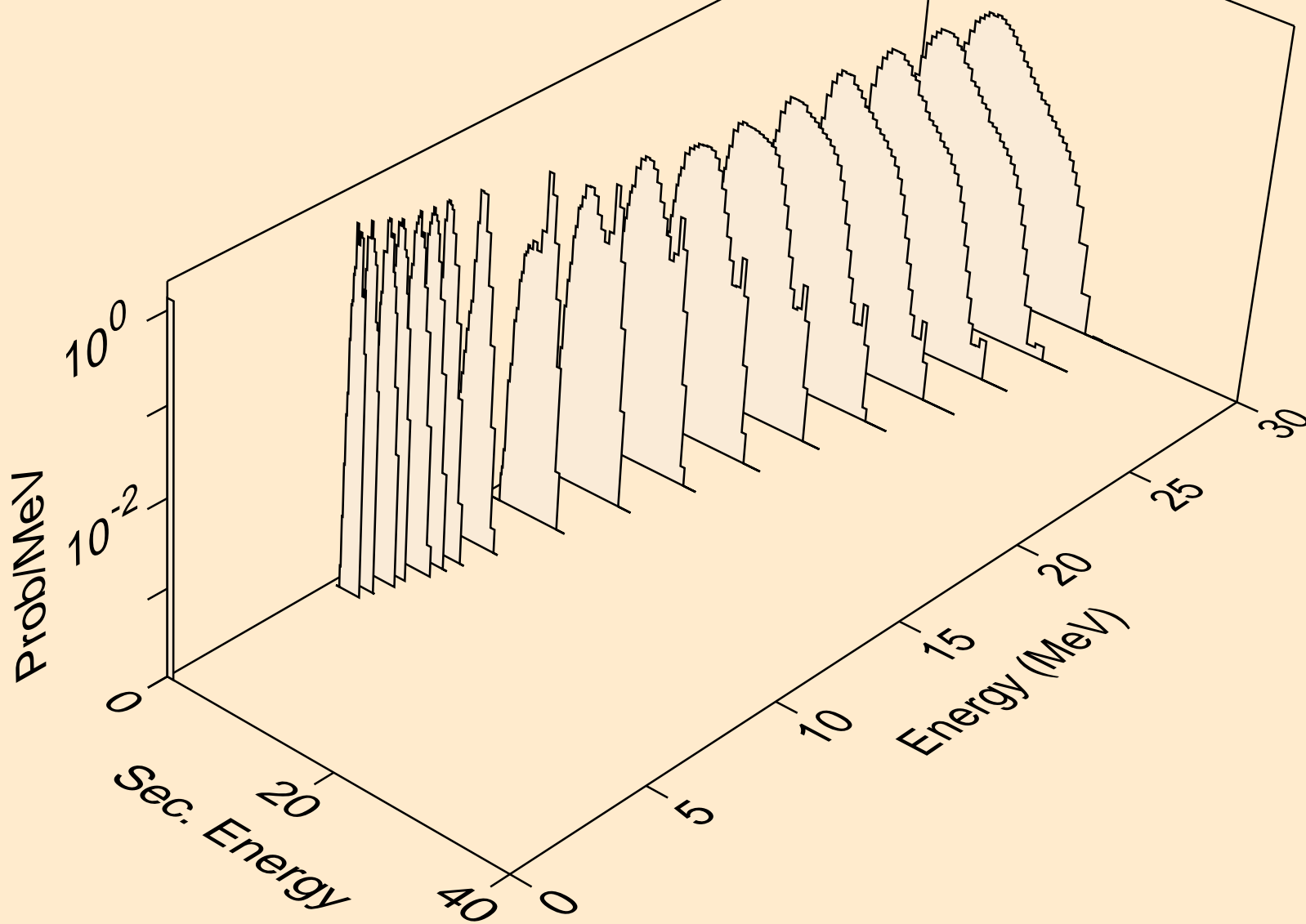
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protons from (n,p)



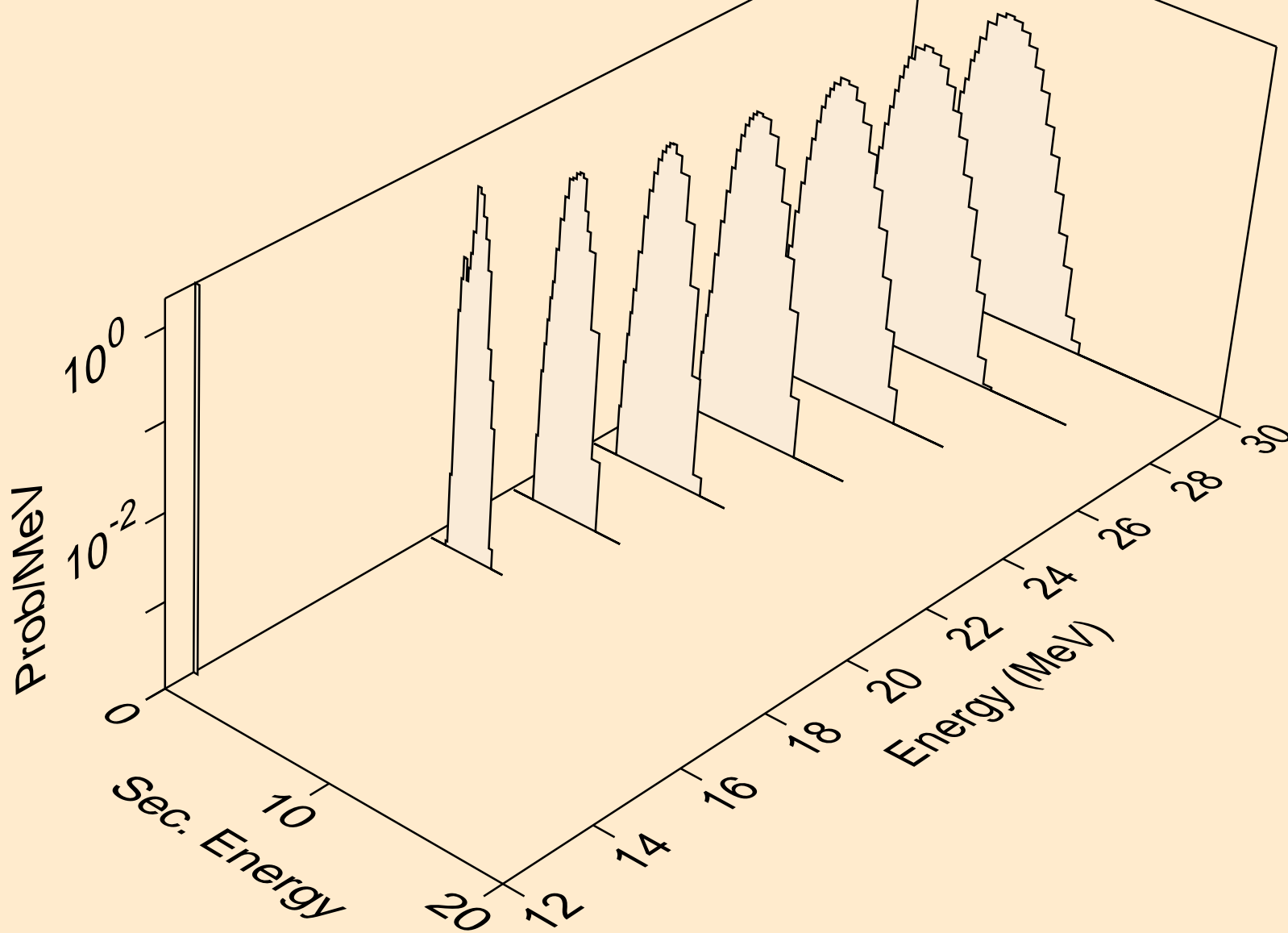
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protons from (n,2p)



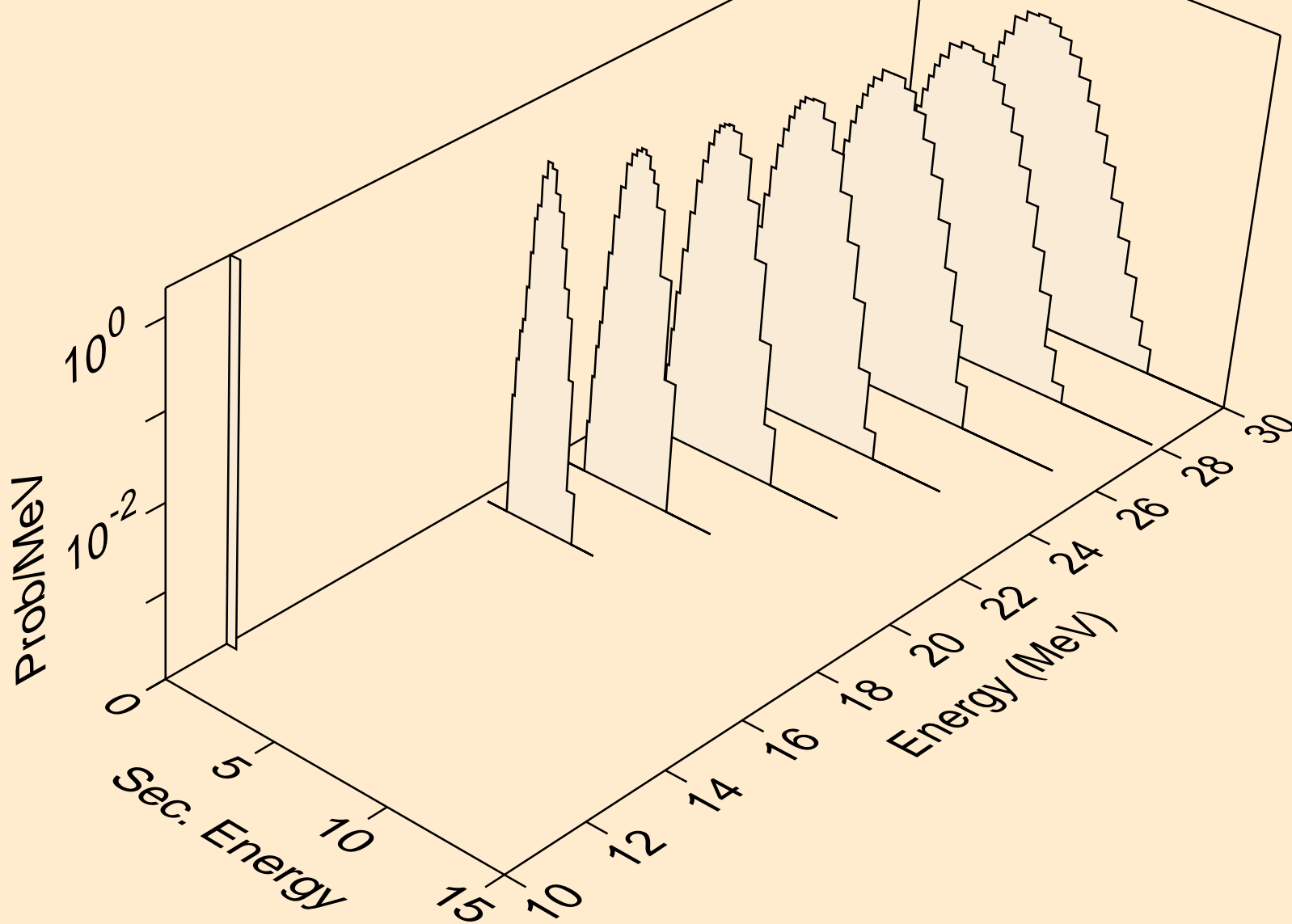
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



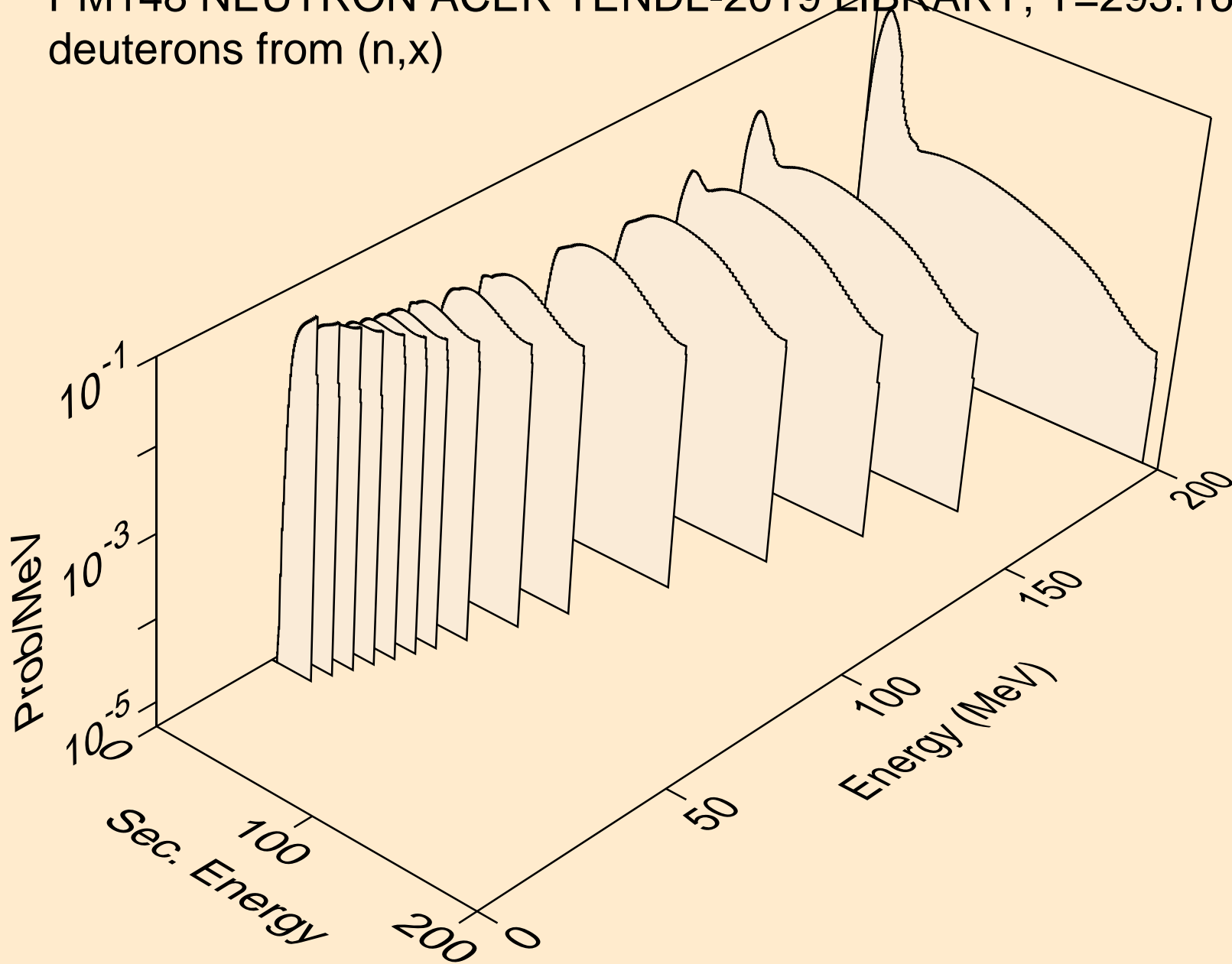
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



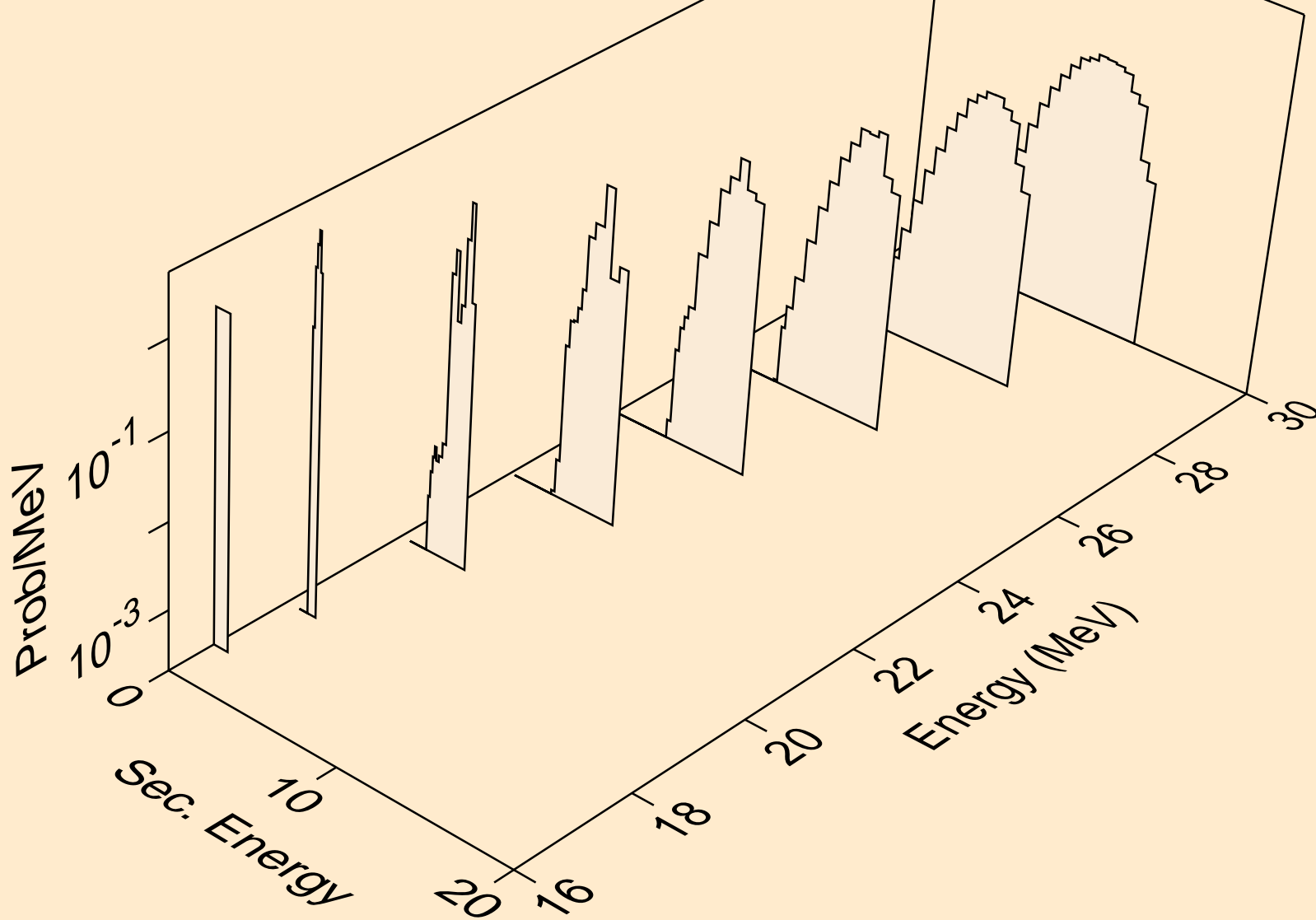
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



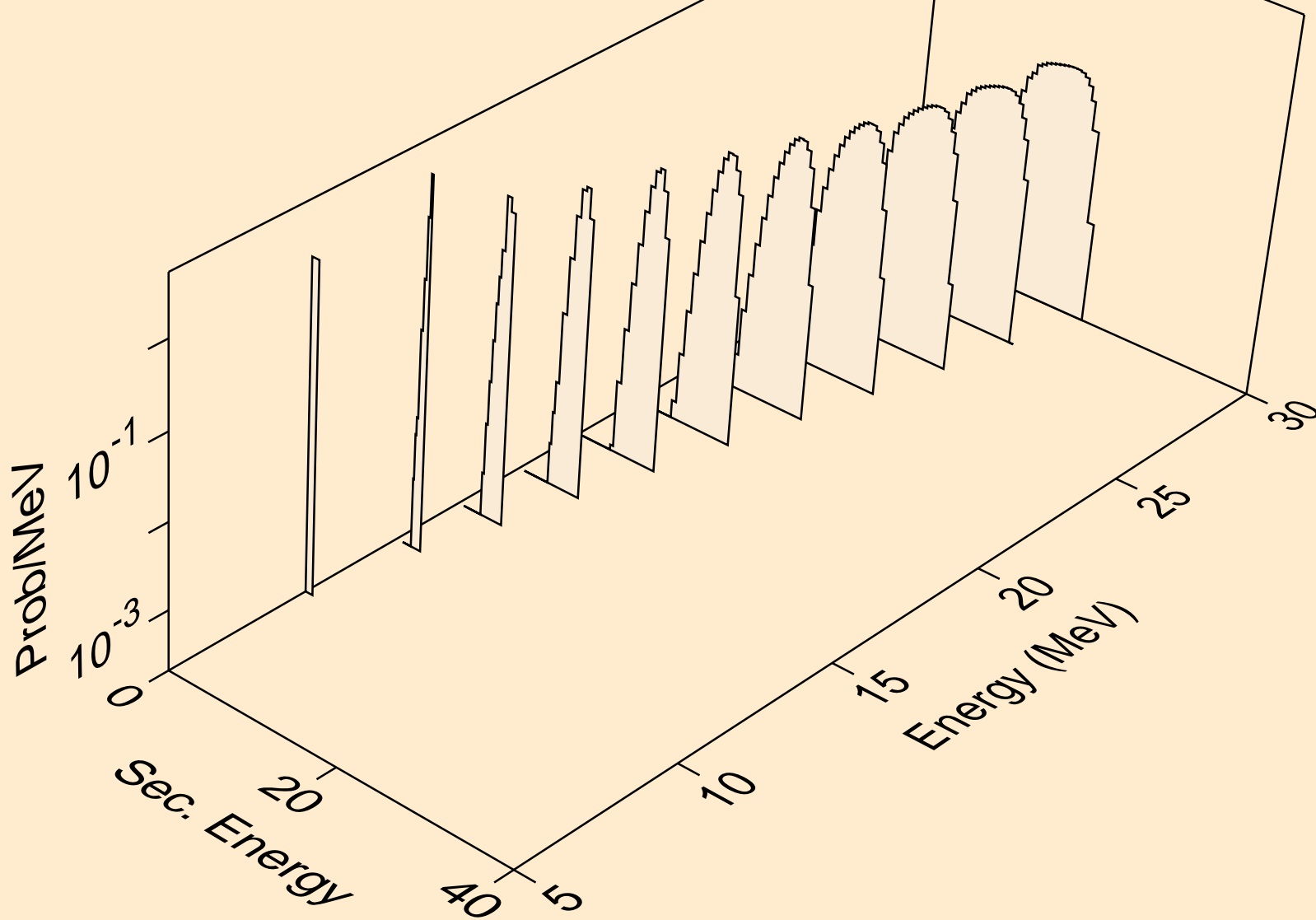
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



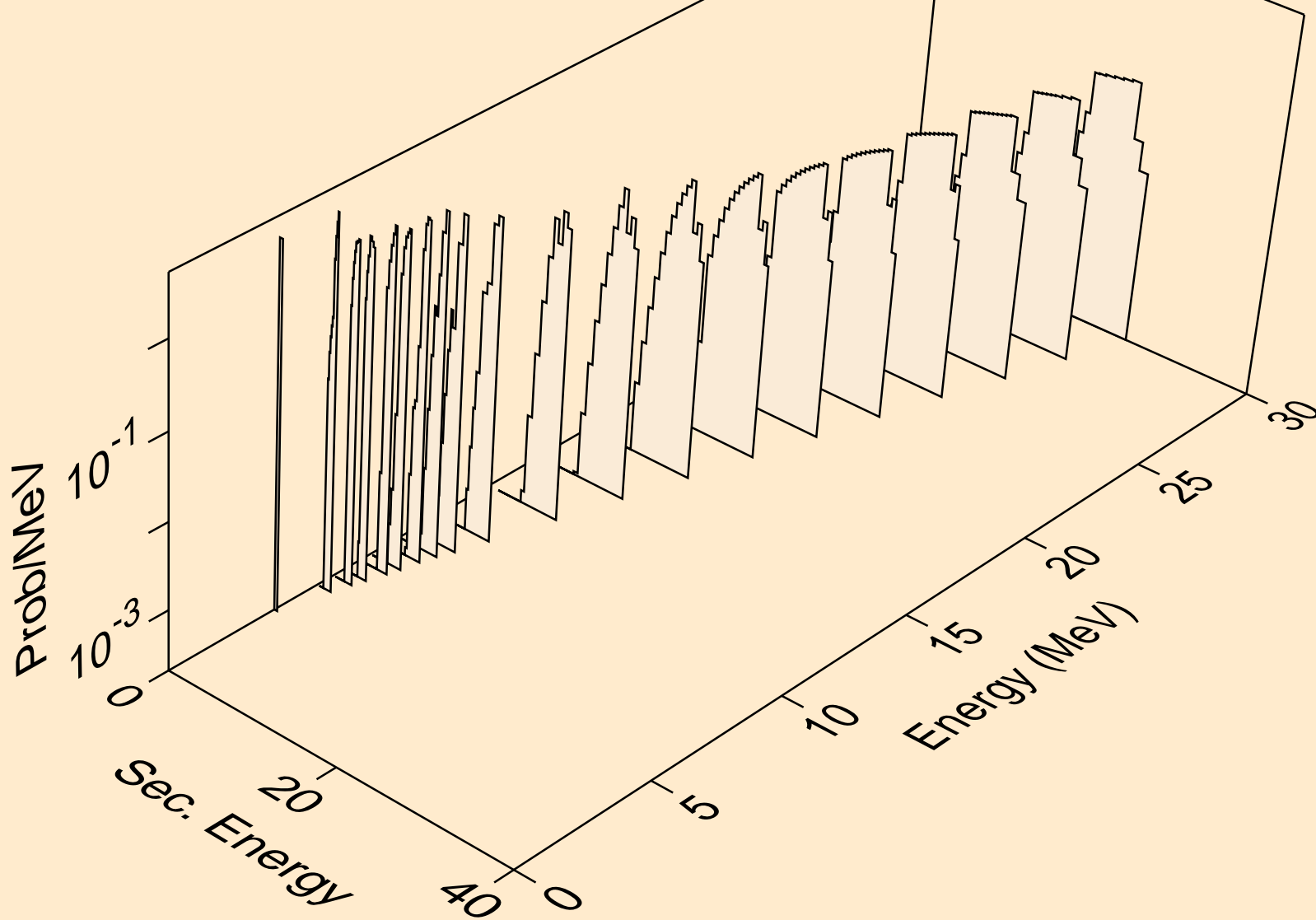
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



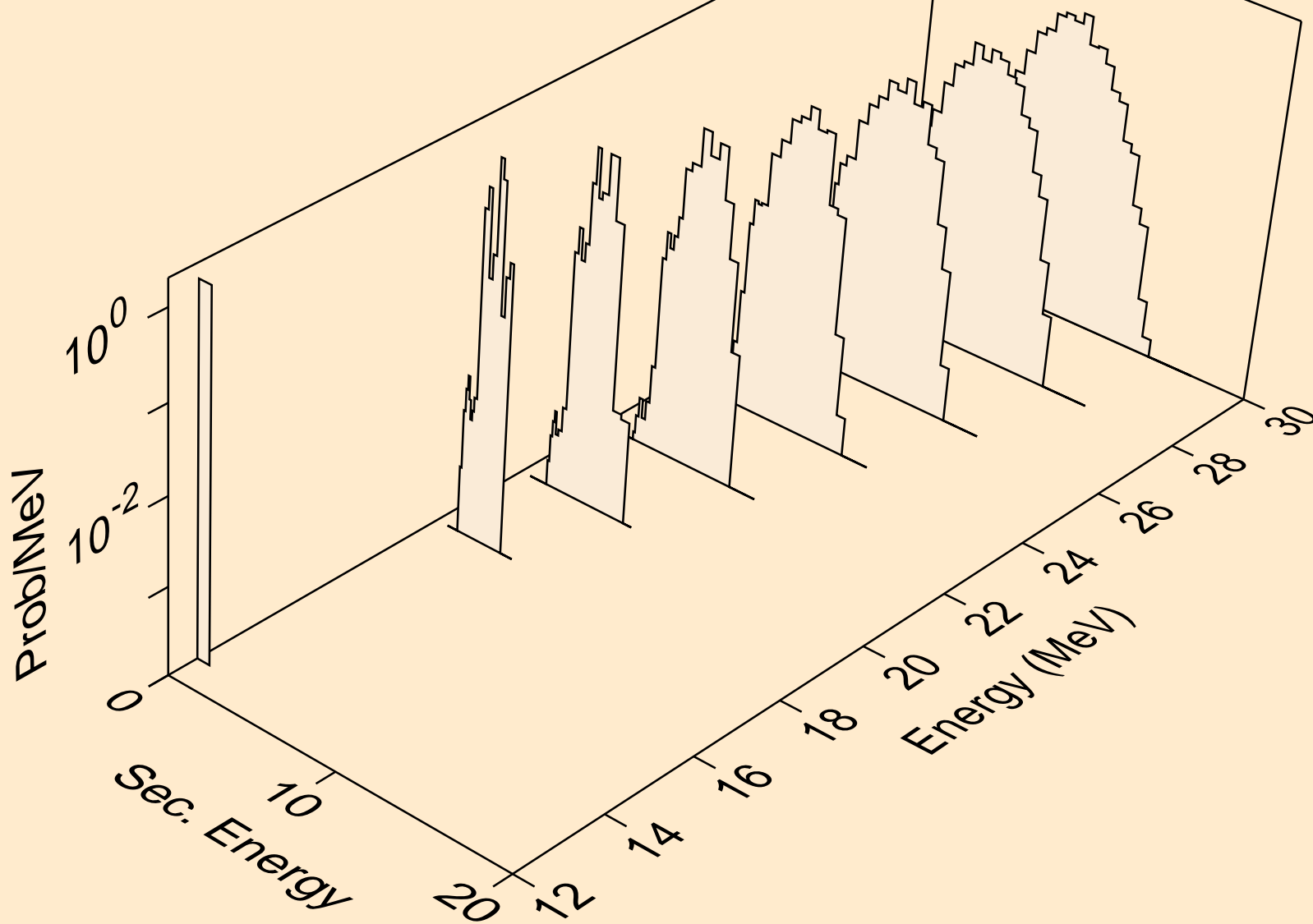
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



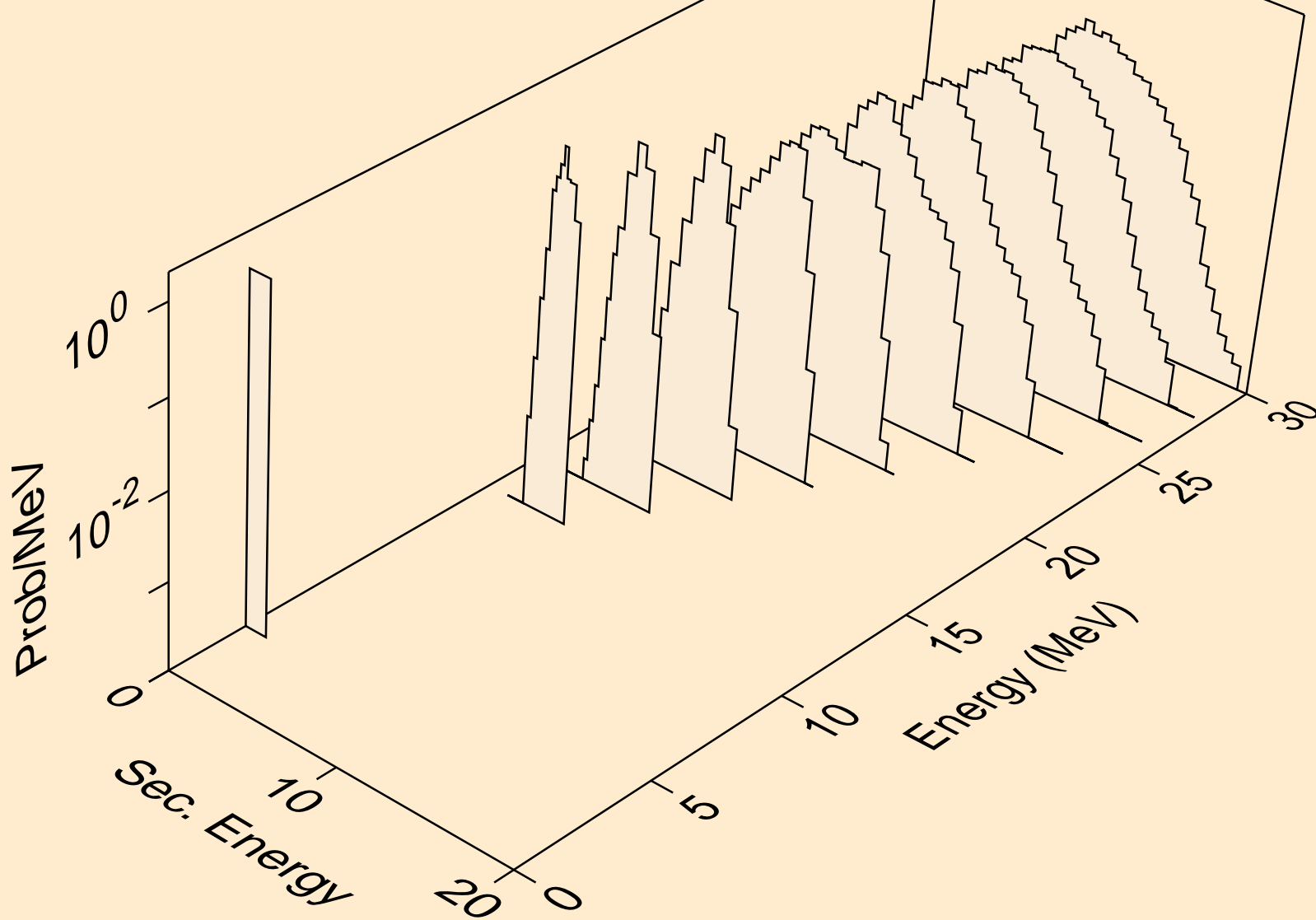
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



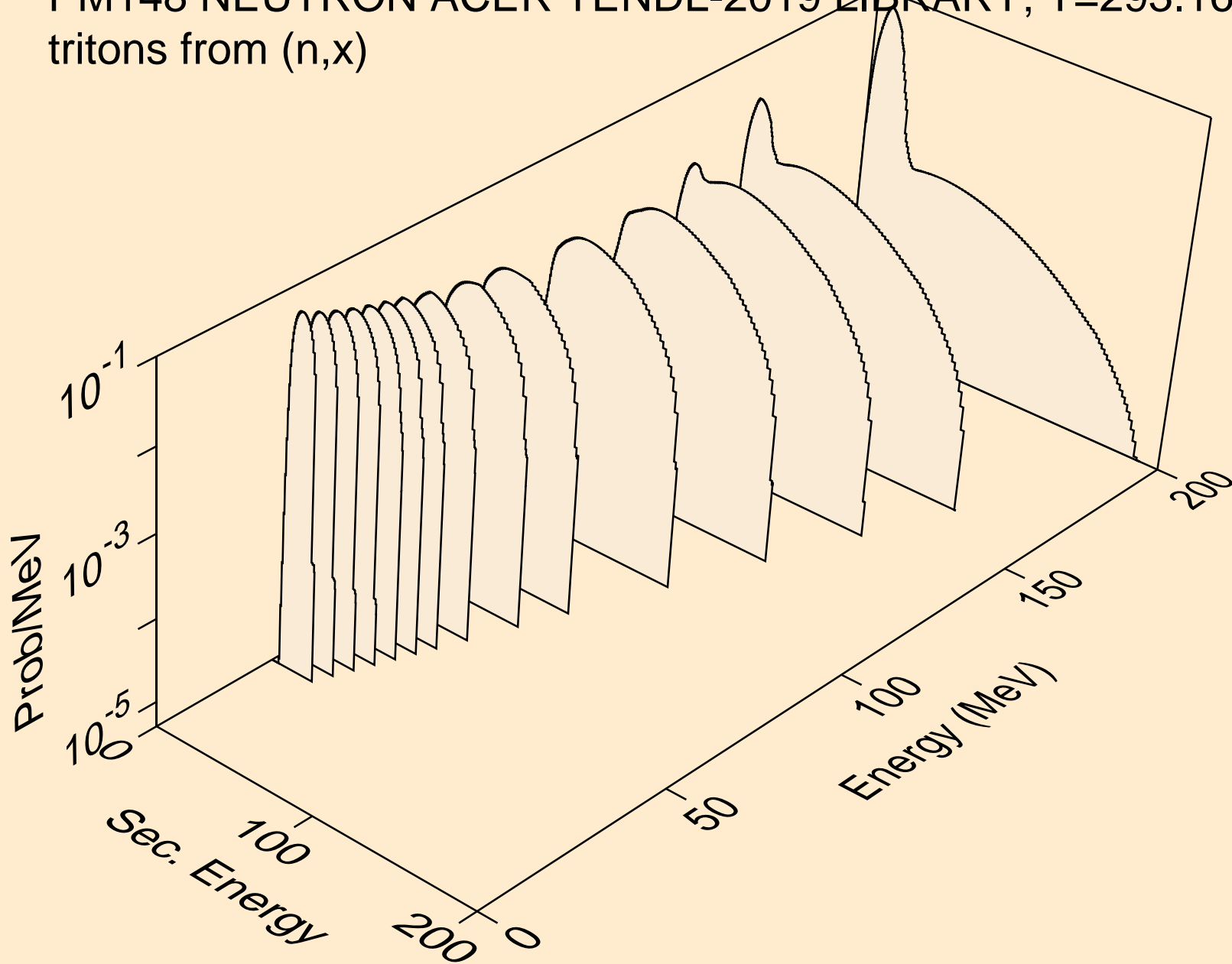
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



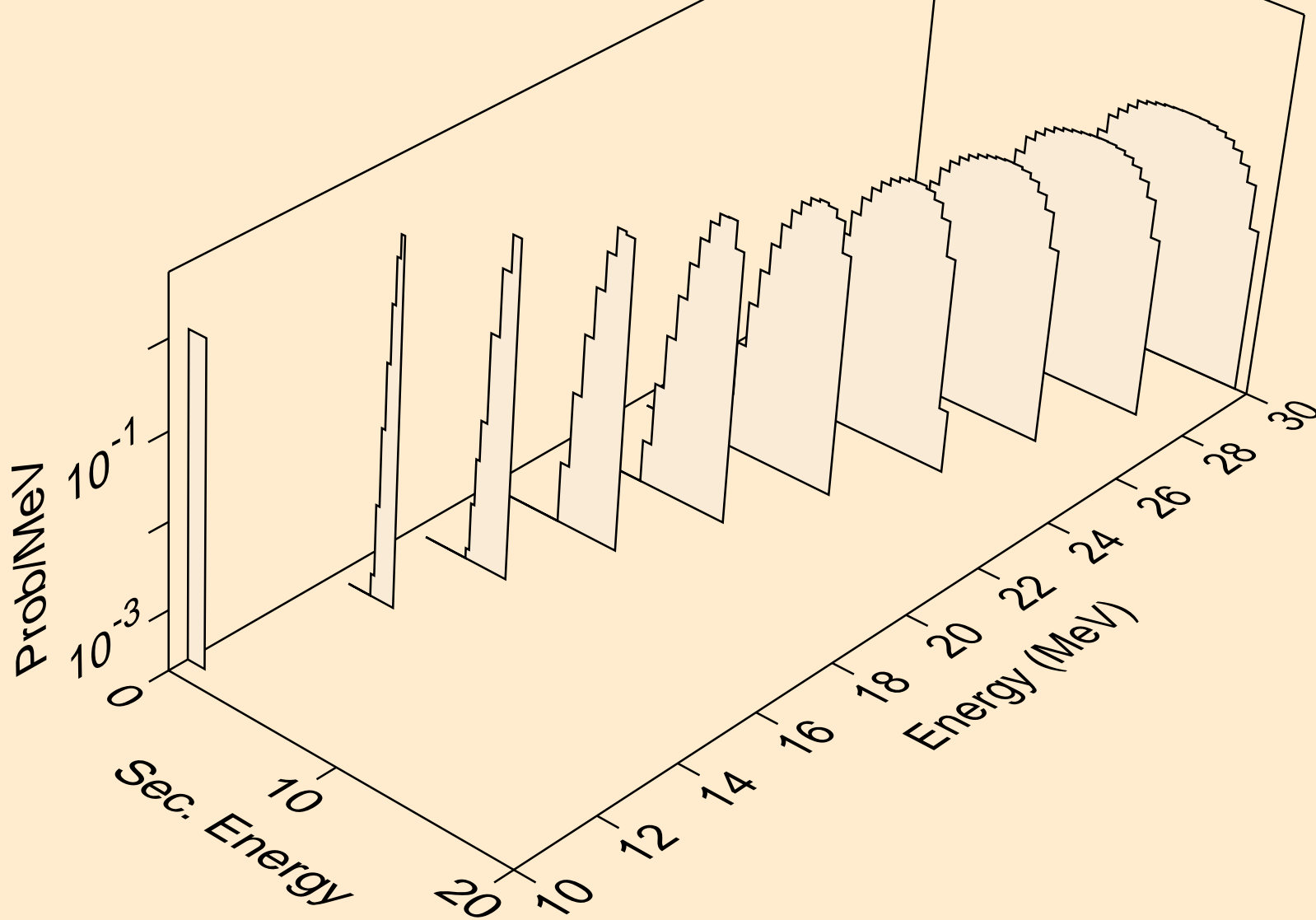
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



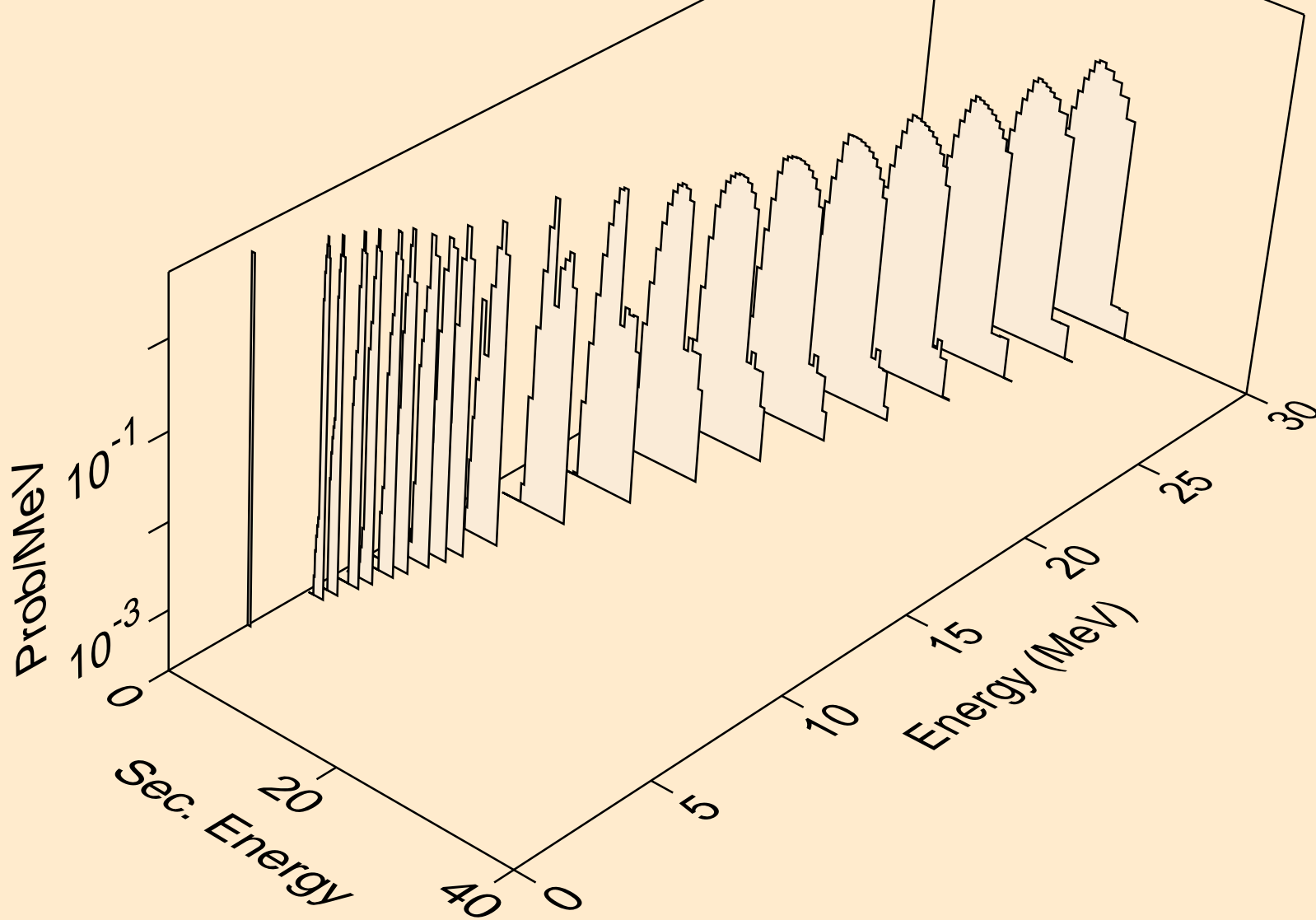
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



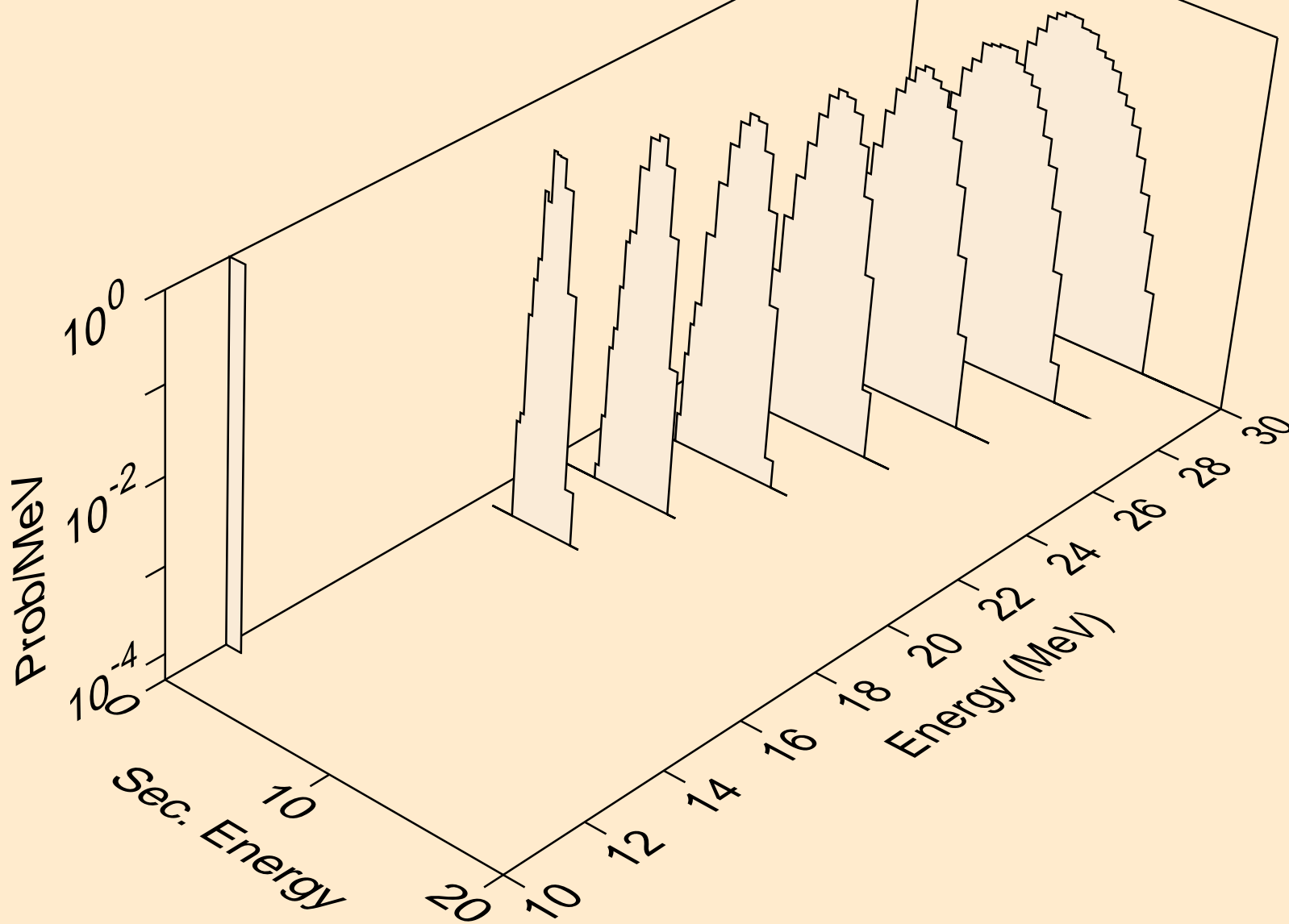
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



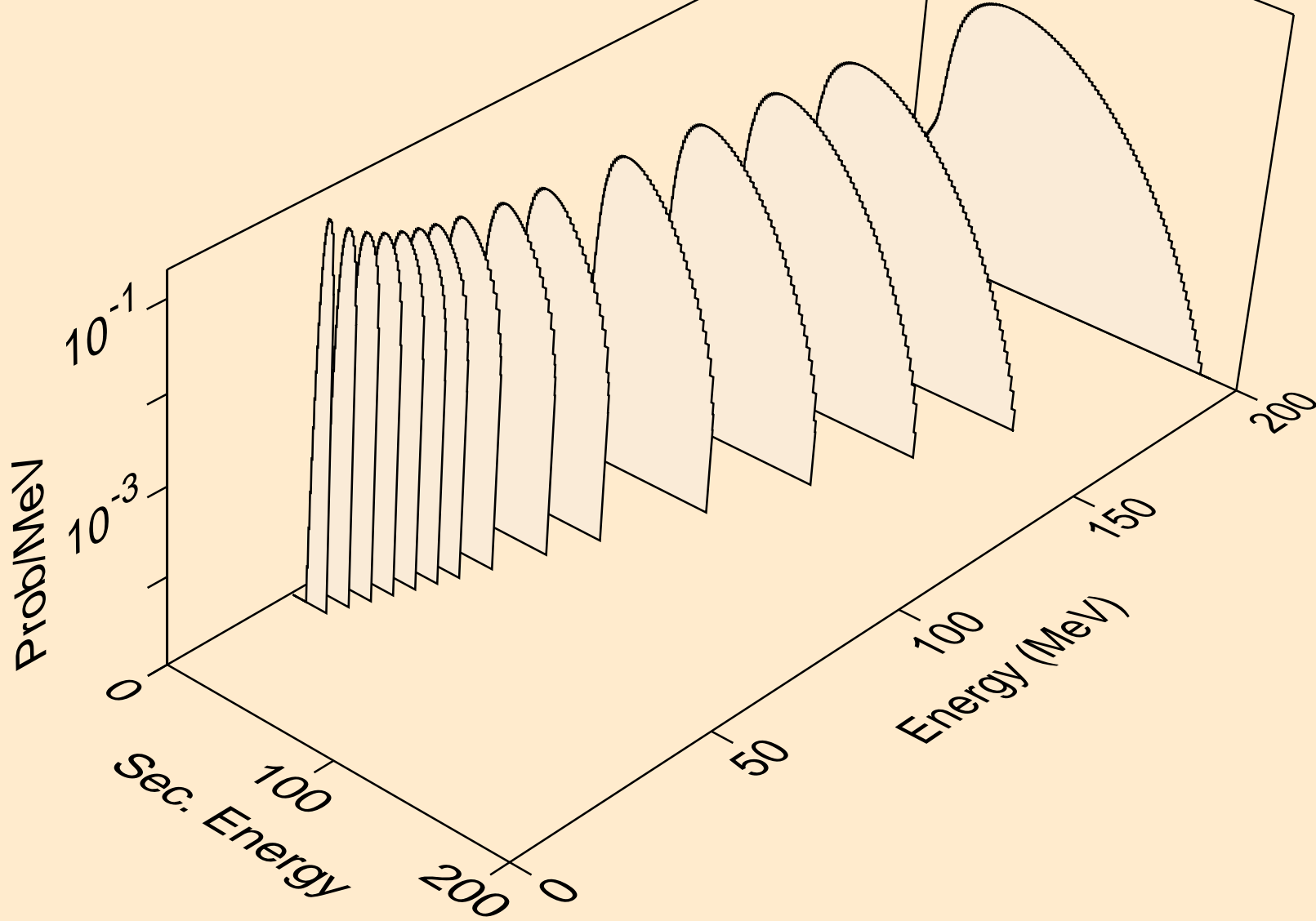
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



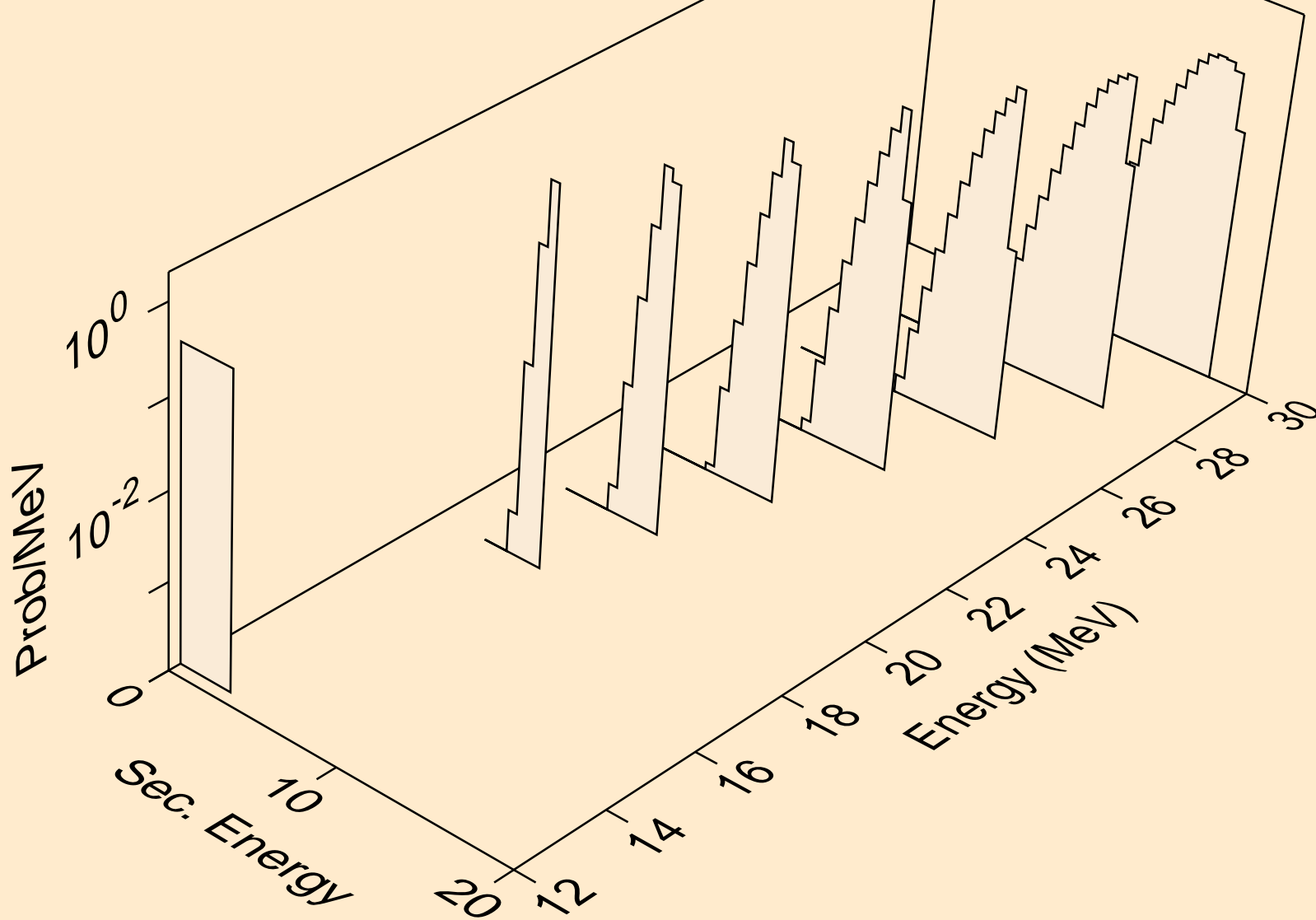
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



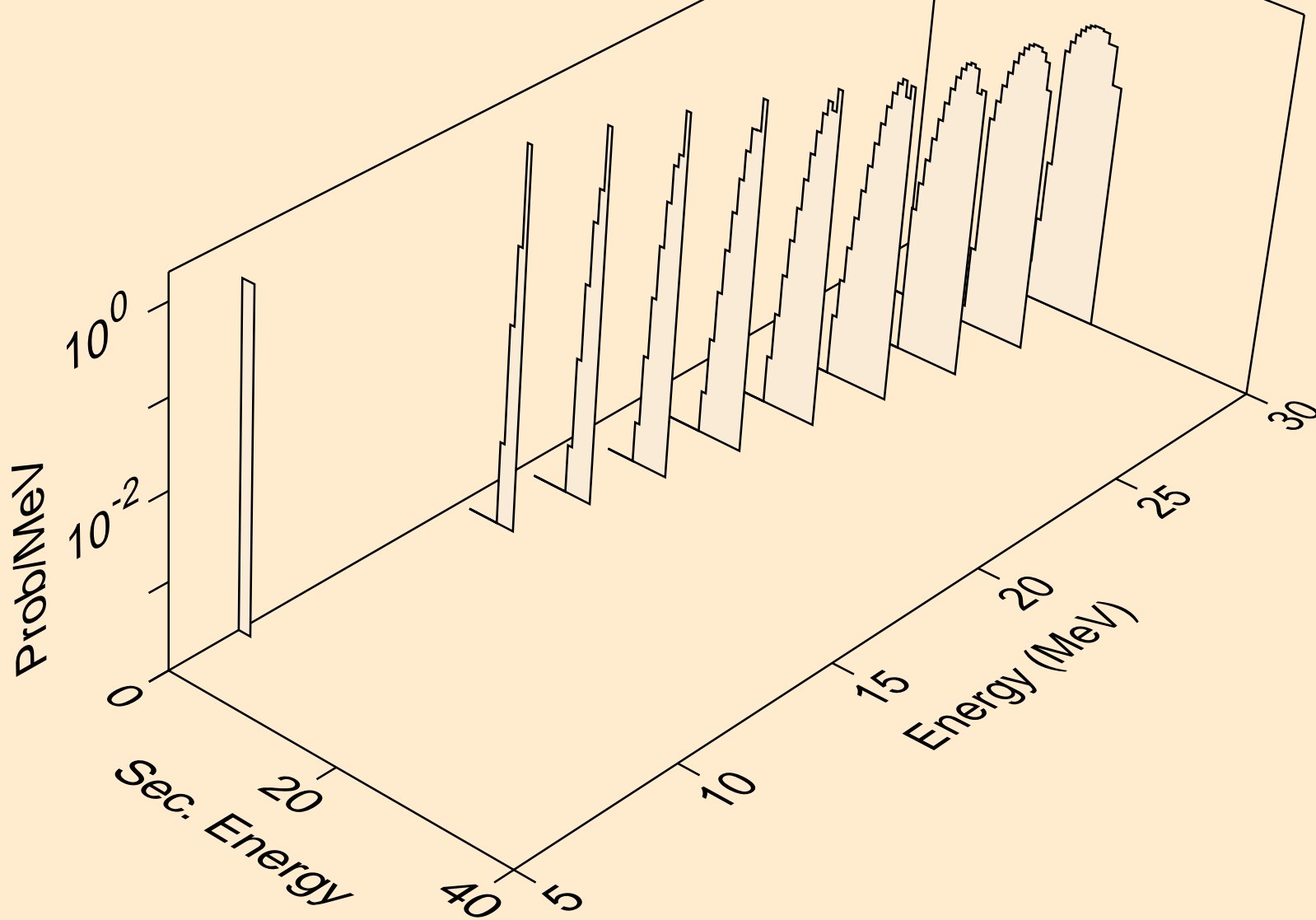
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



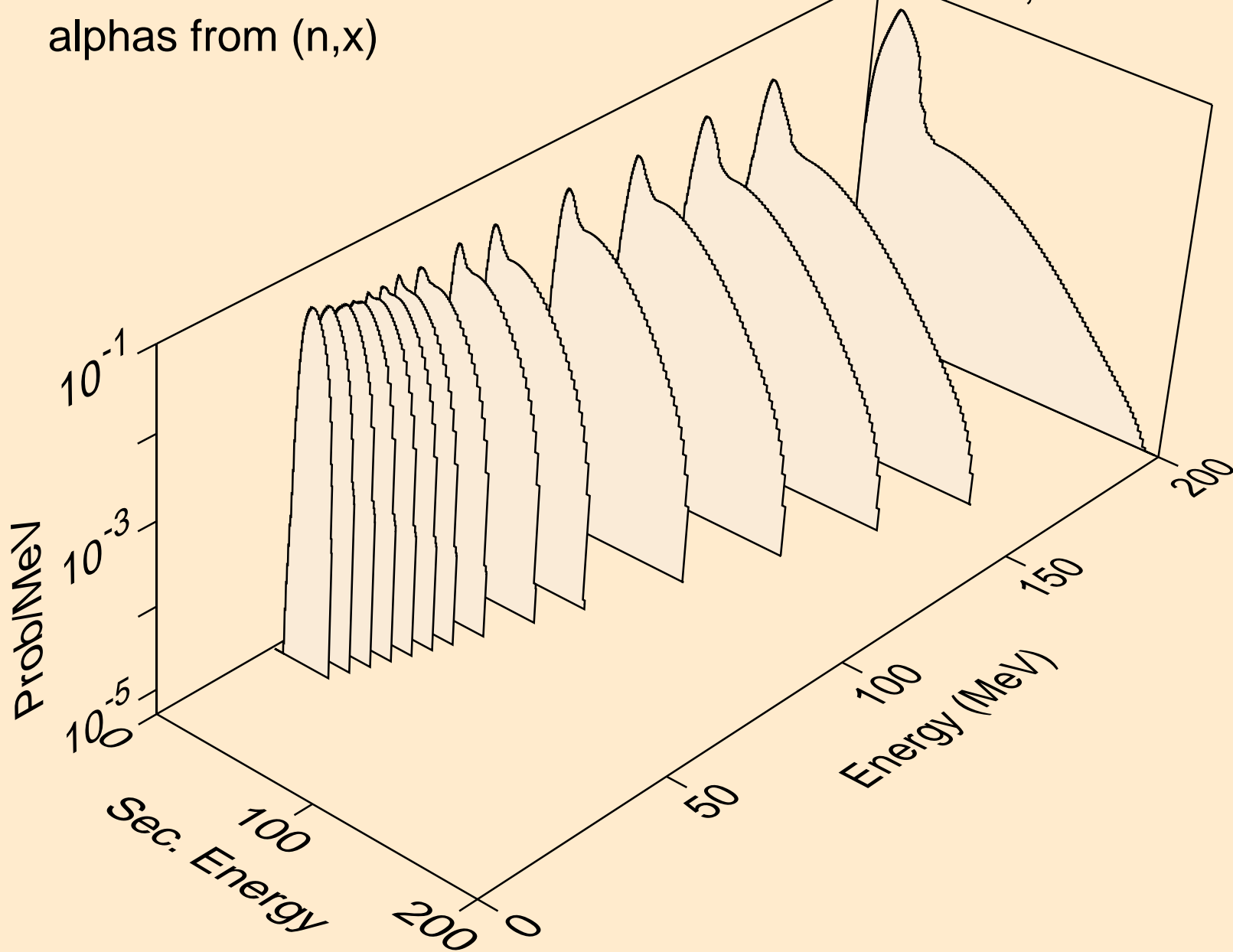
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



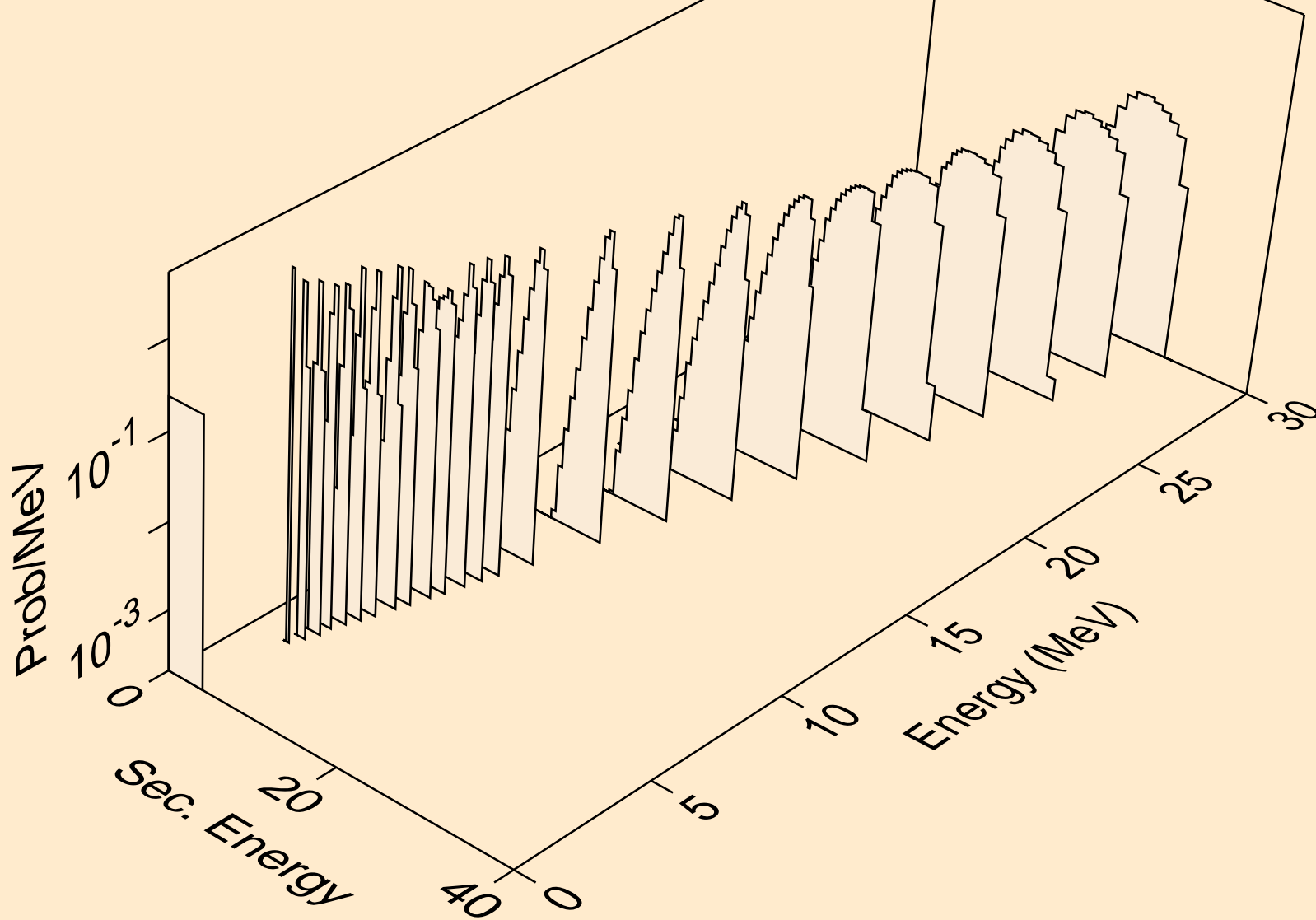
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



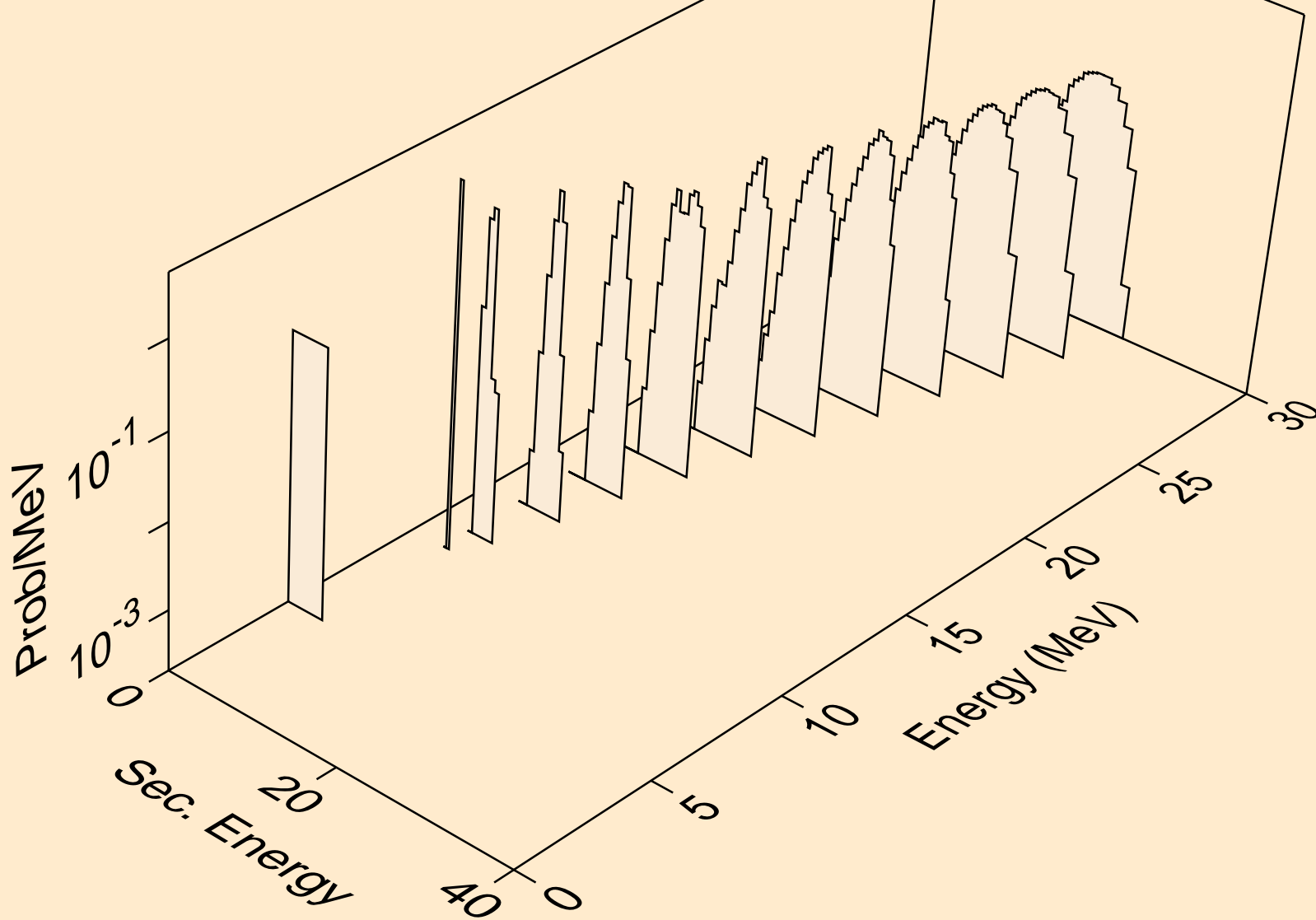
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



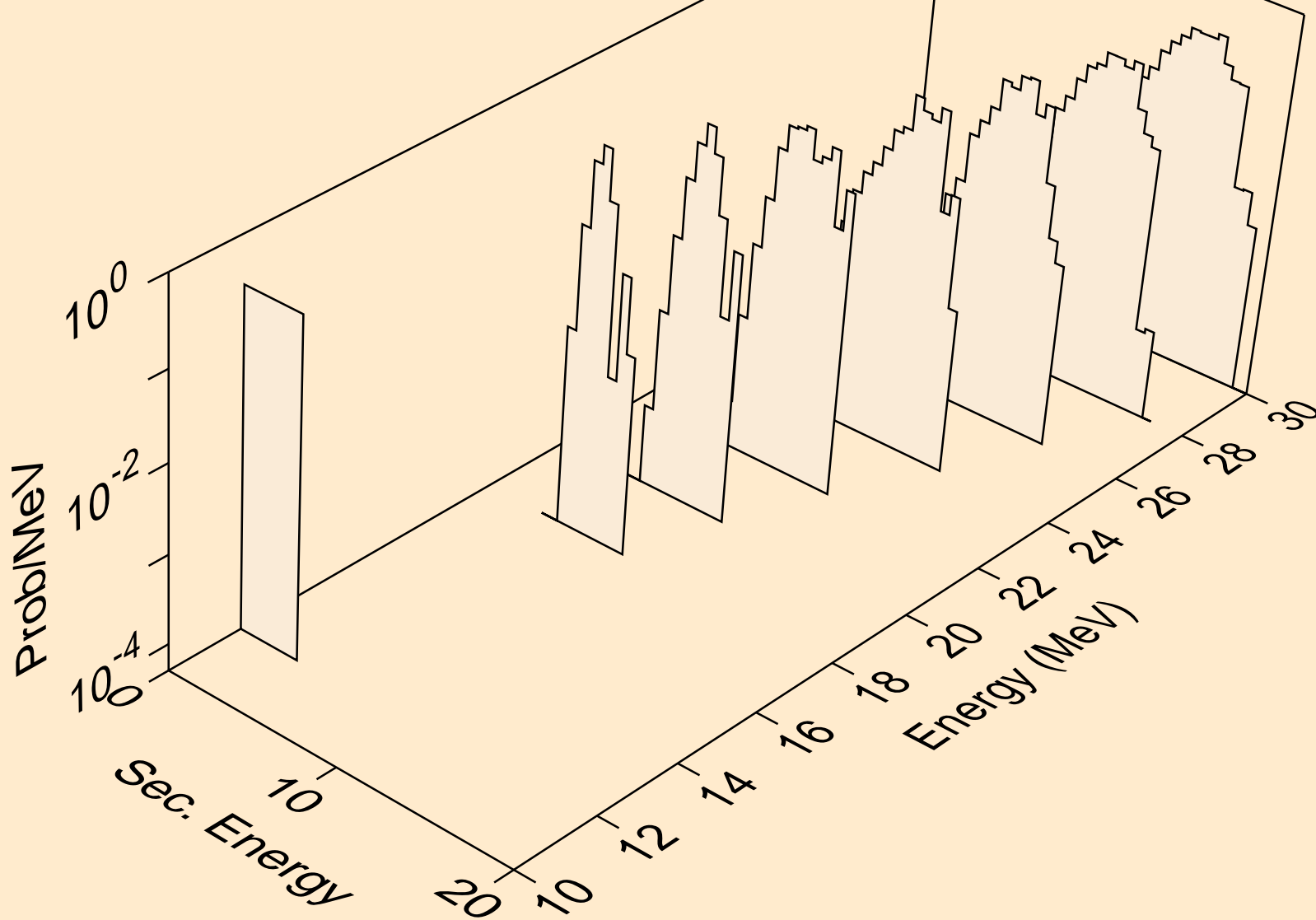
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



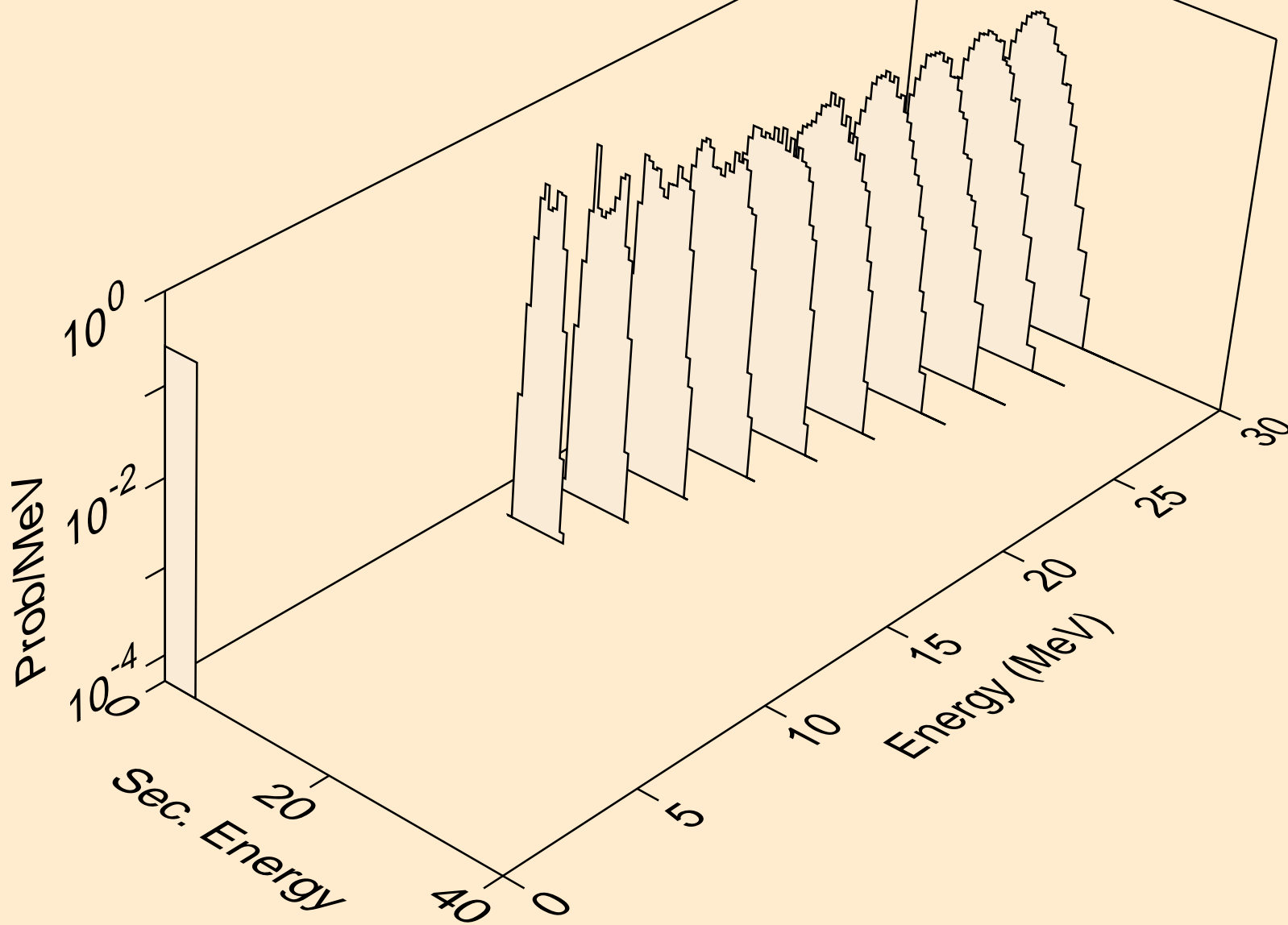
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



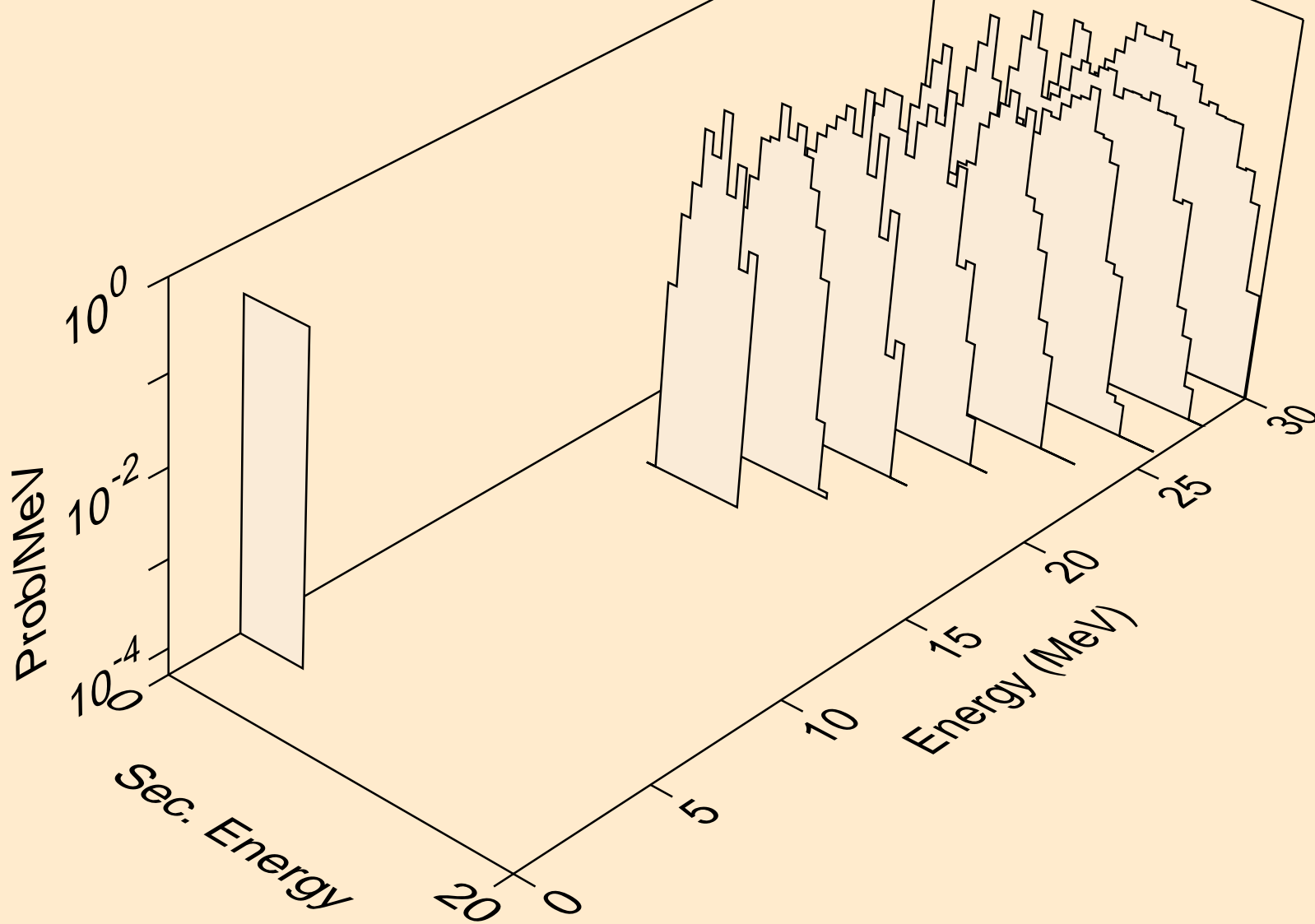
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



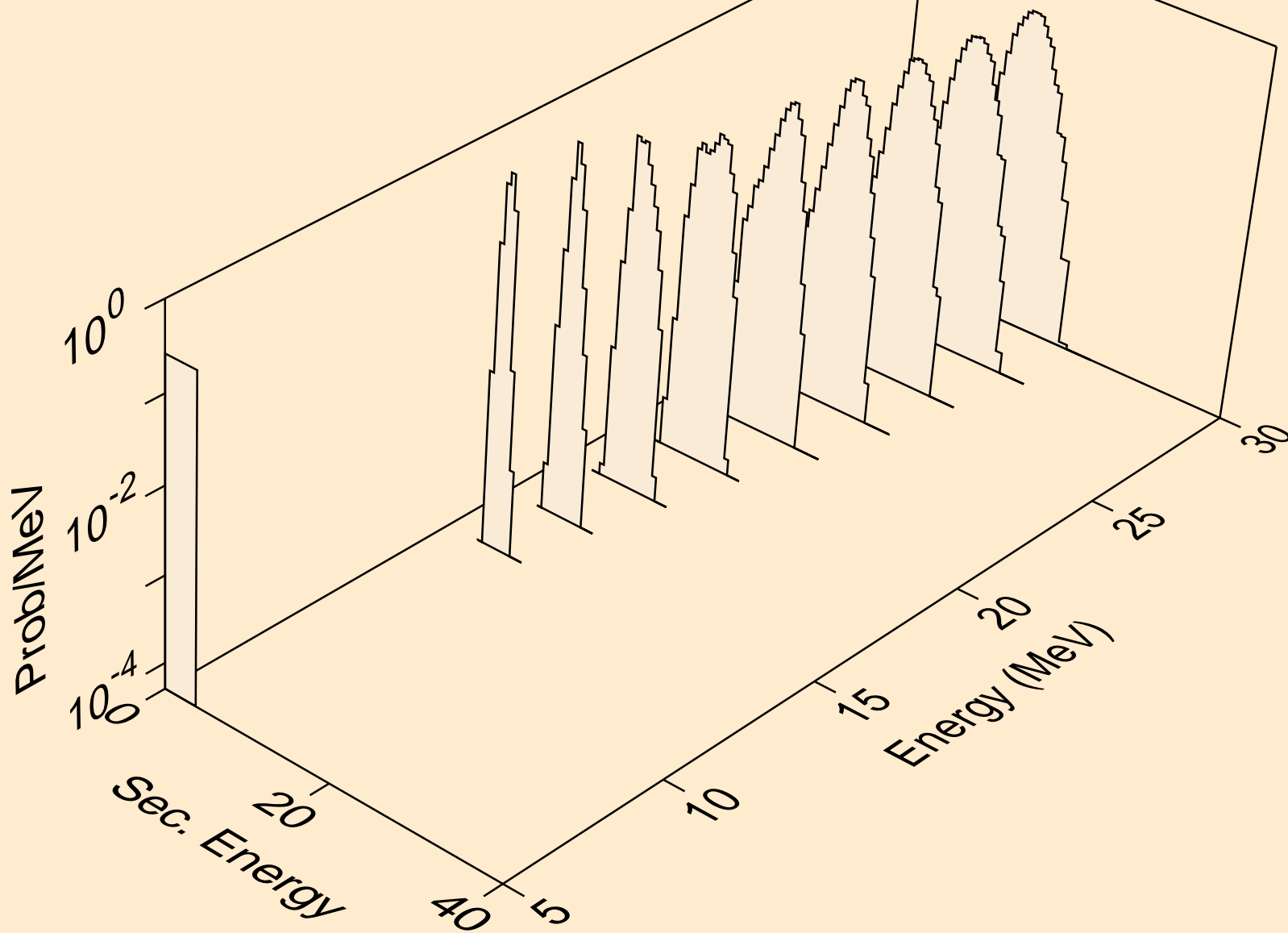
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



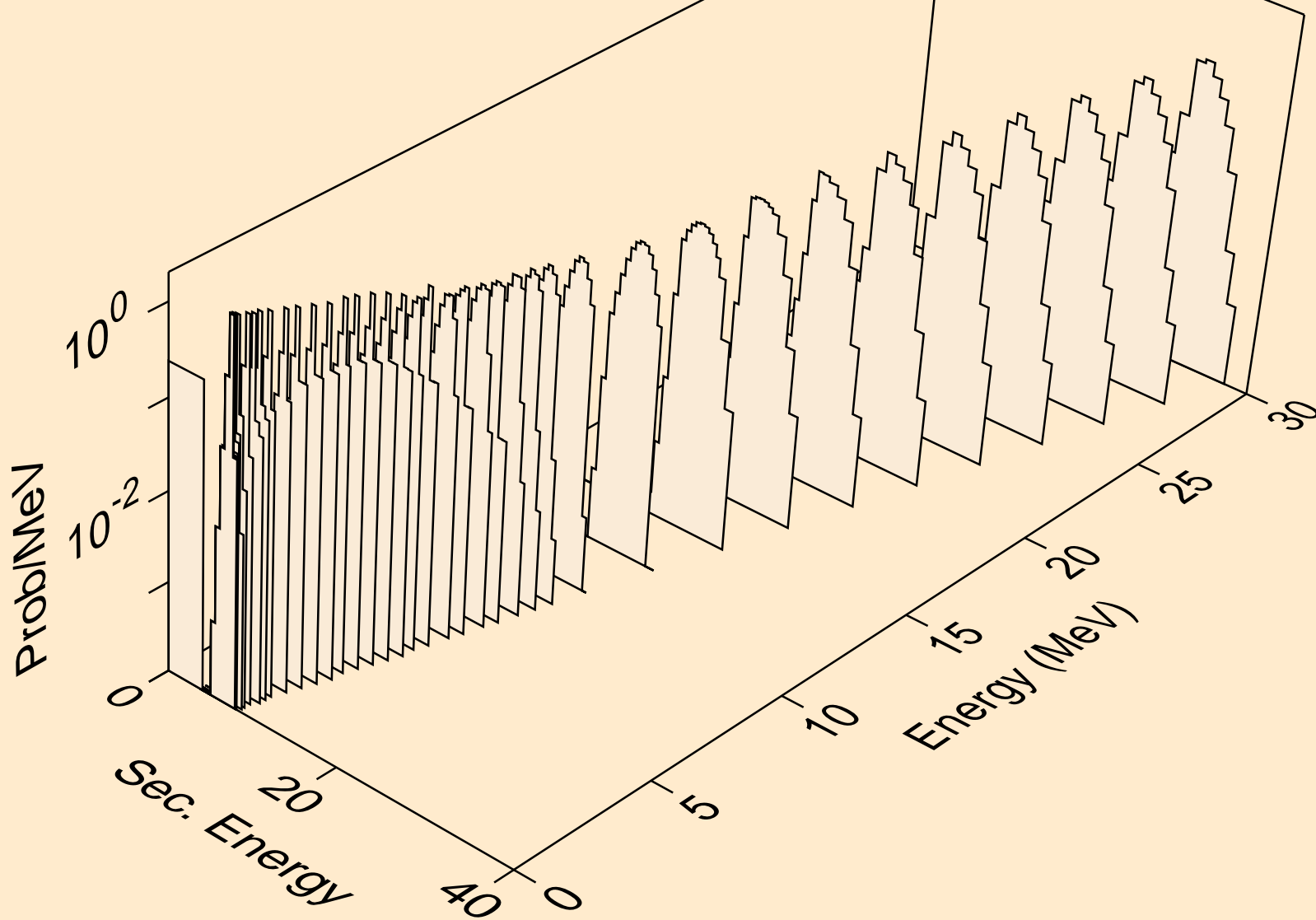
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



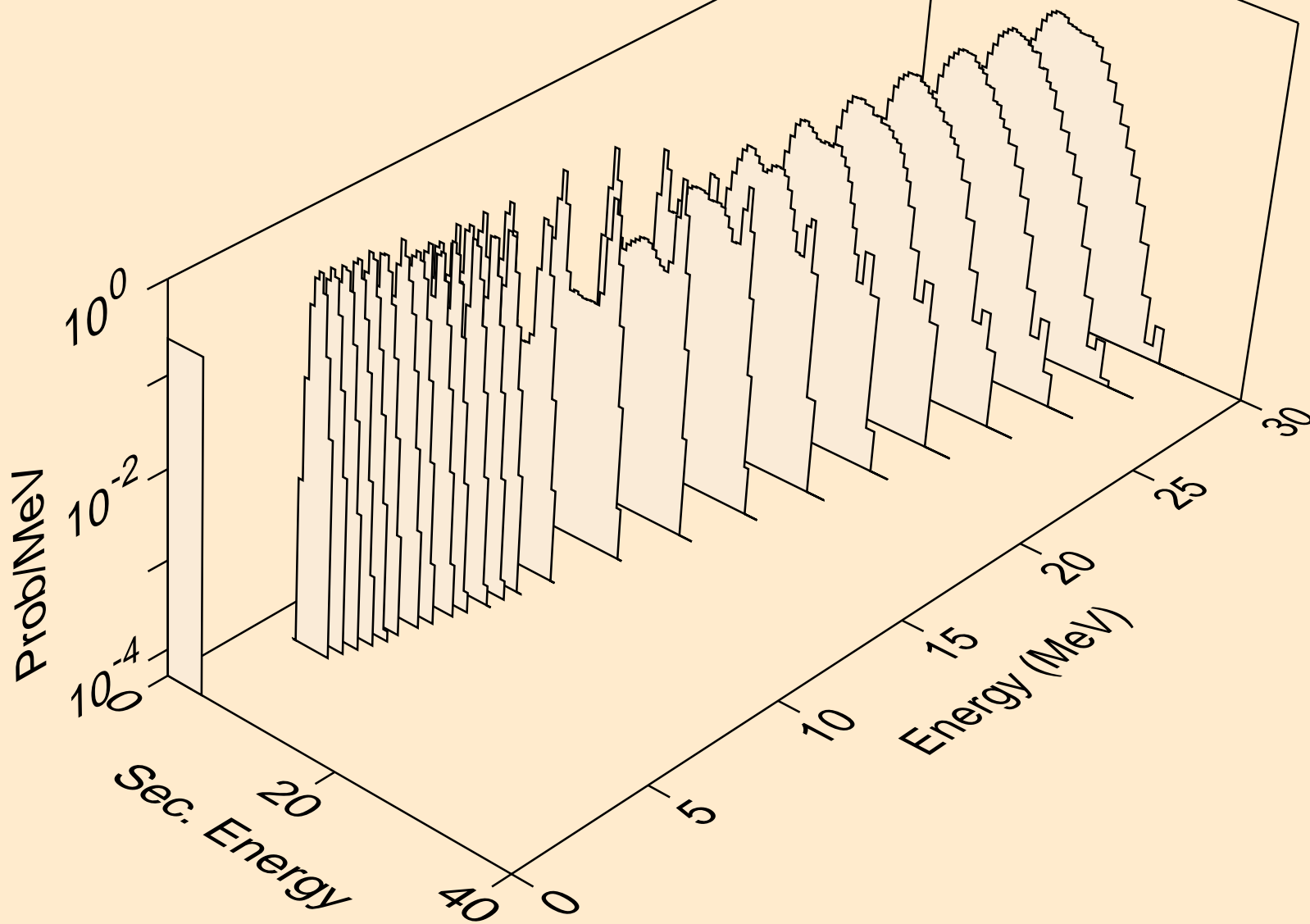
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



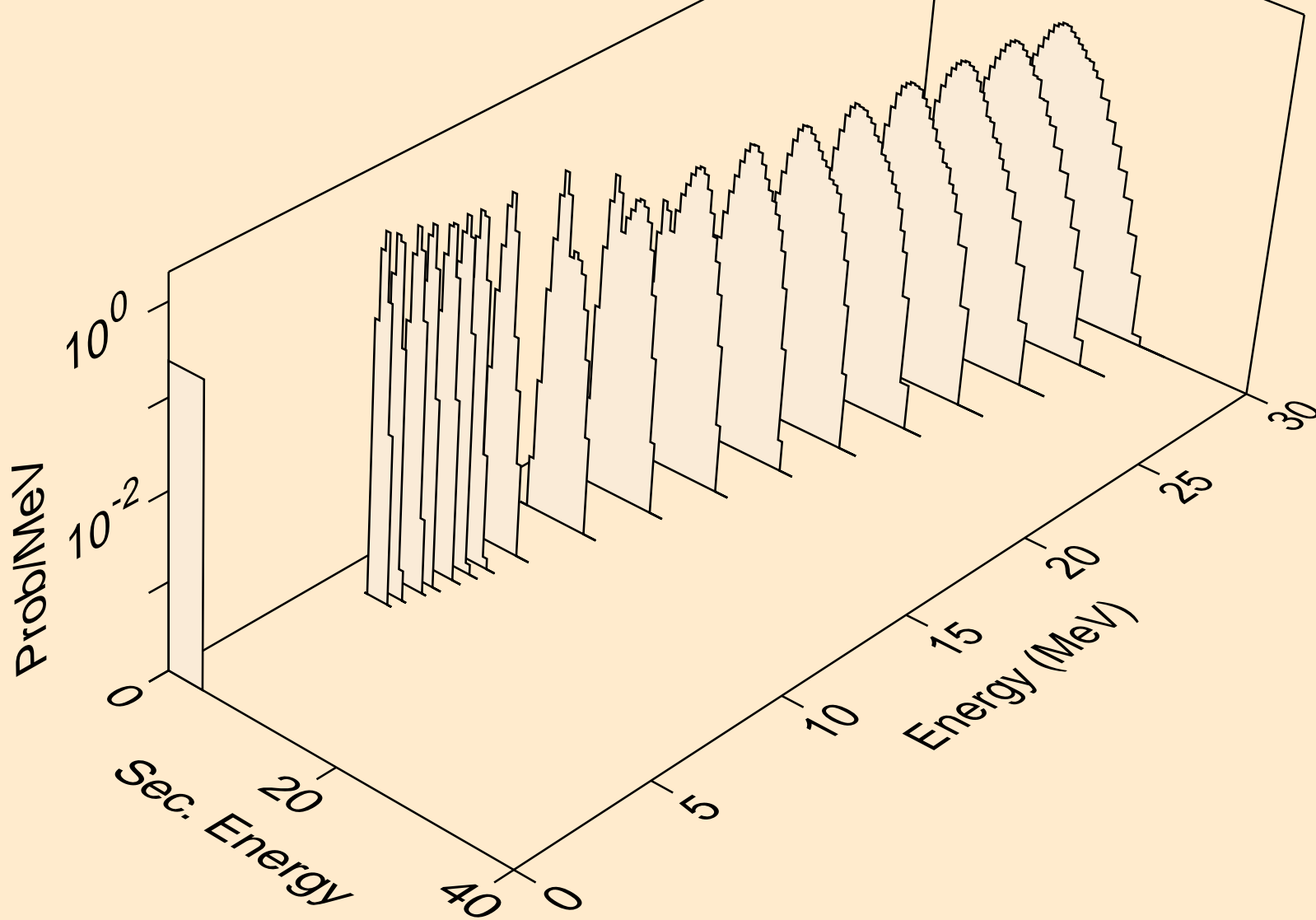
PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



PM148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

