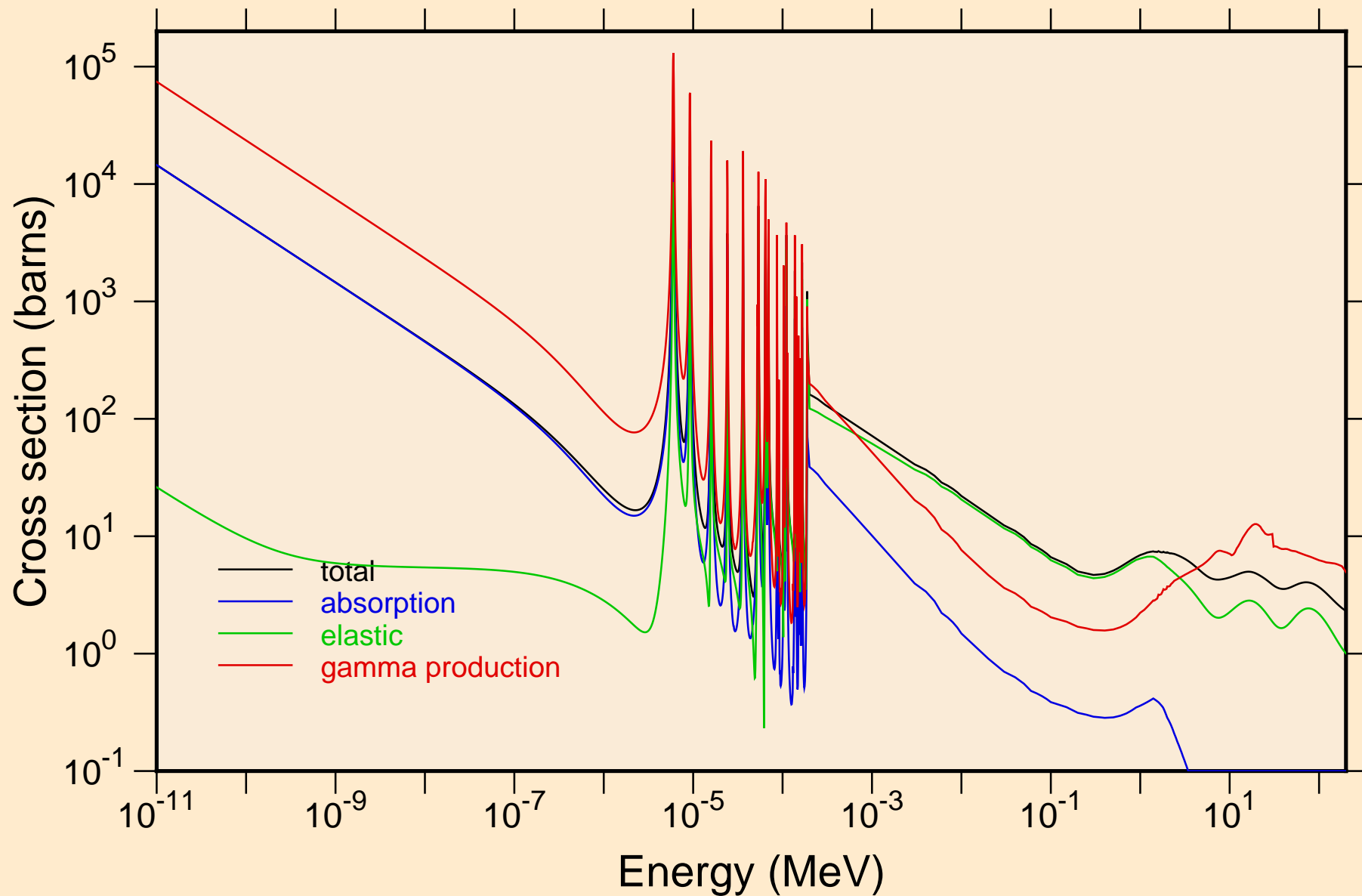
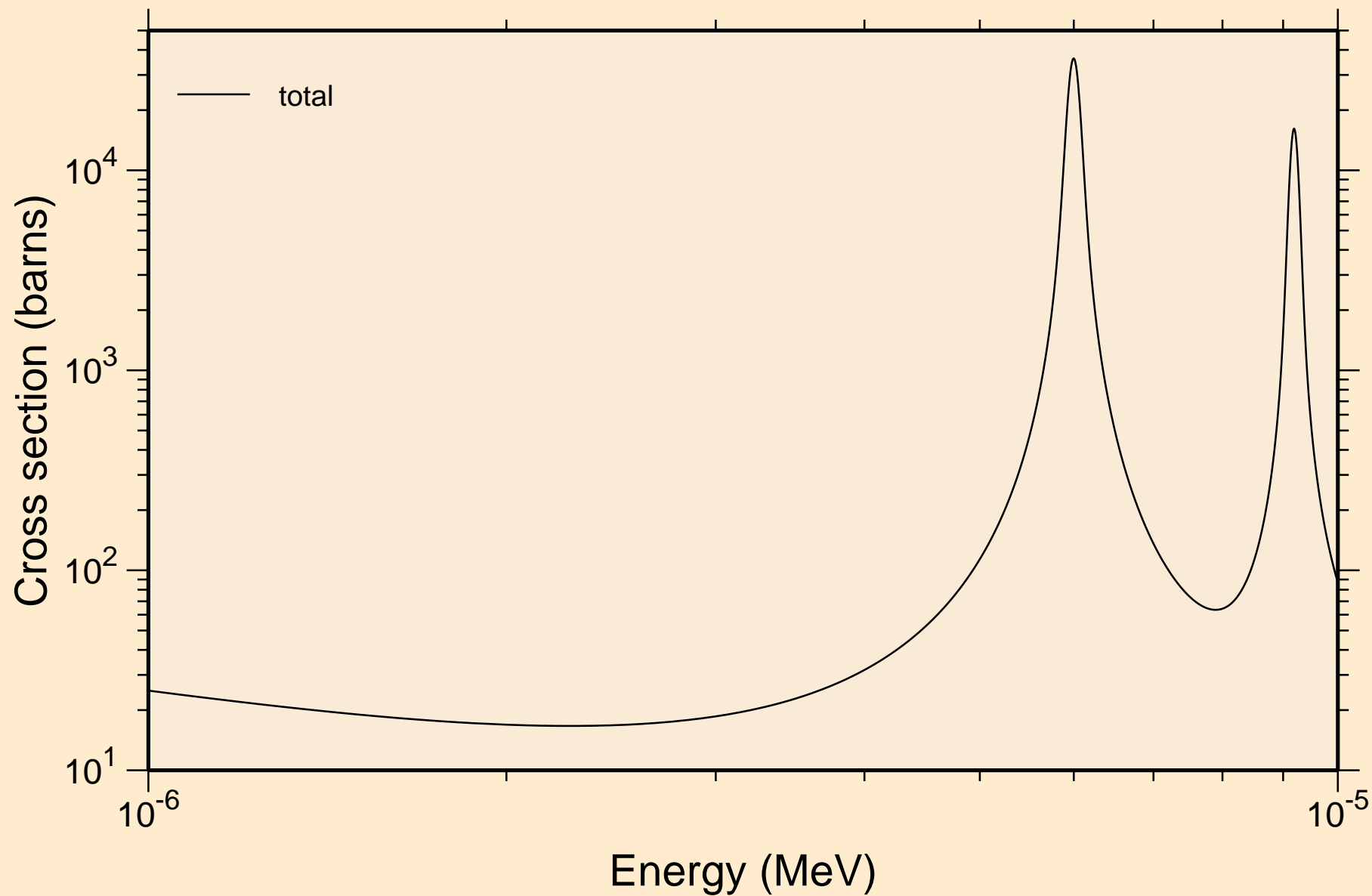


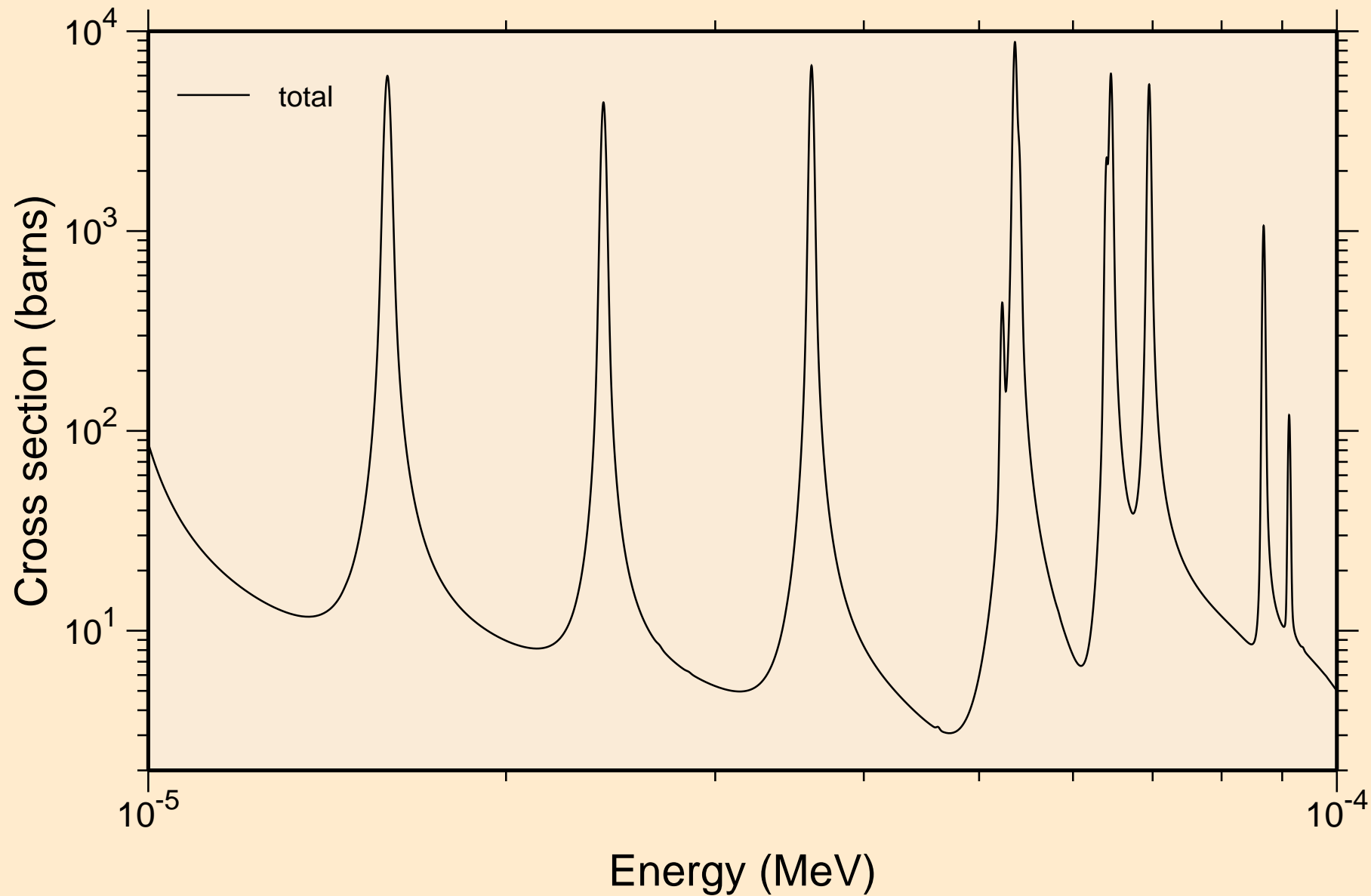
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



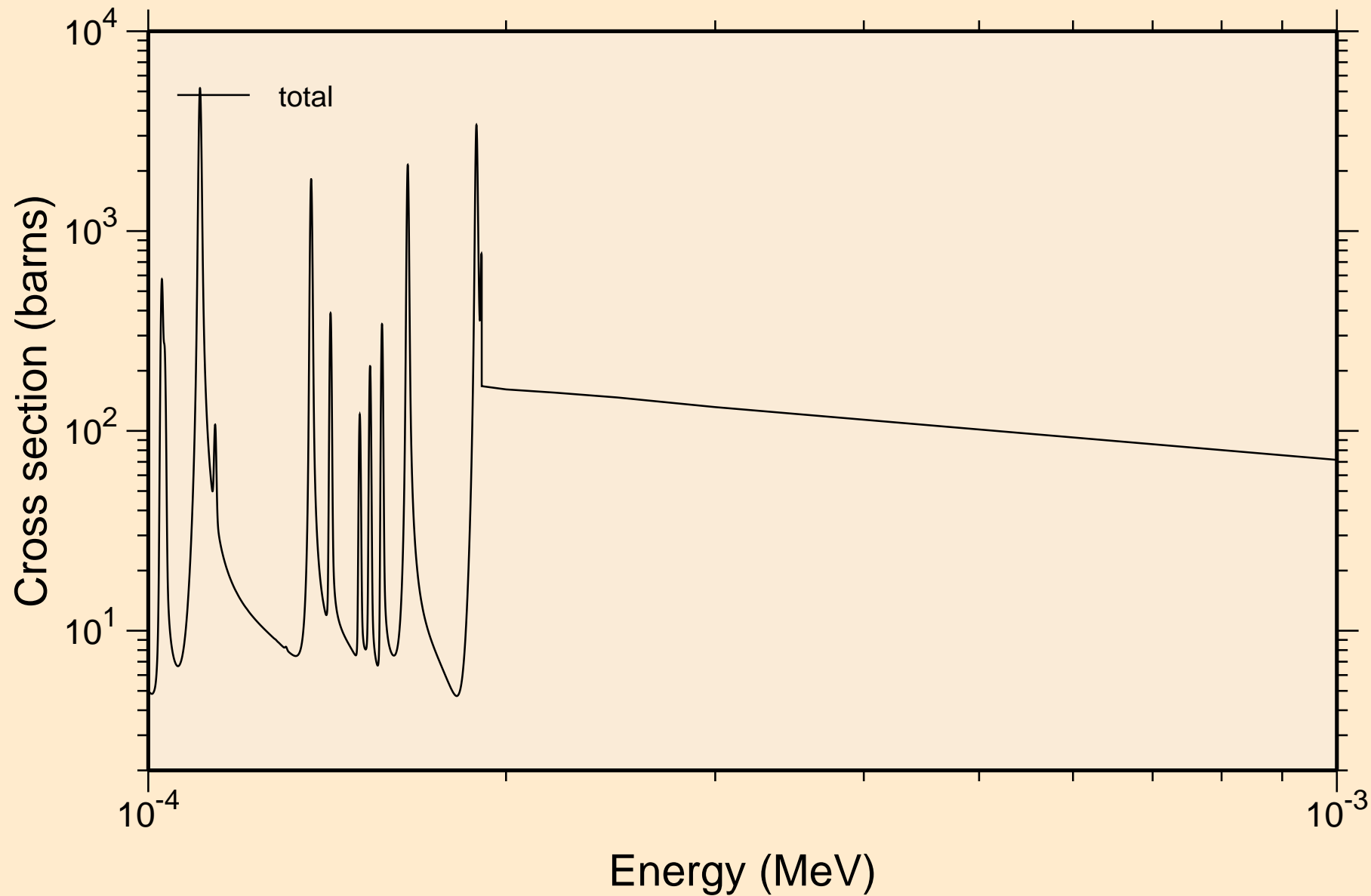
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



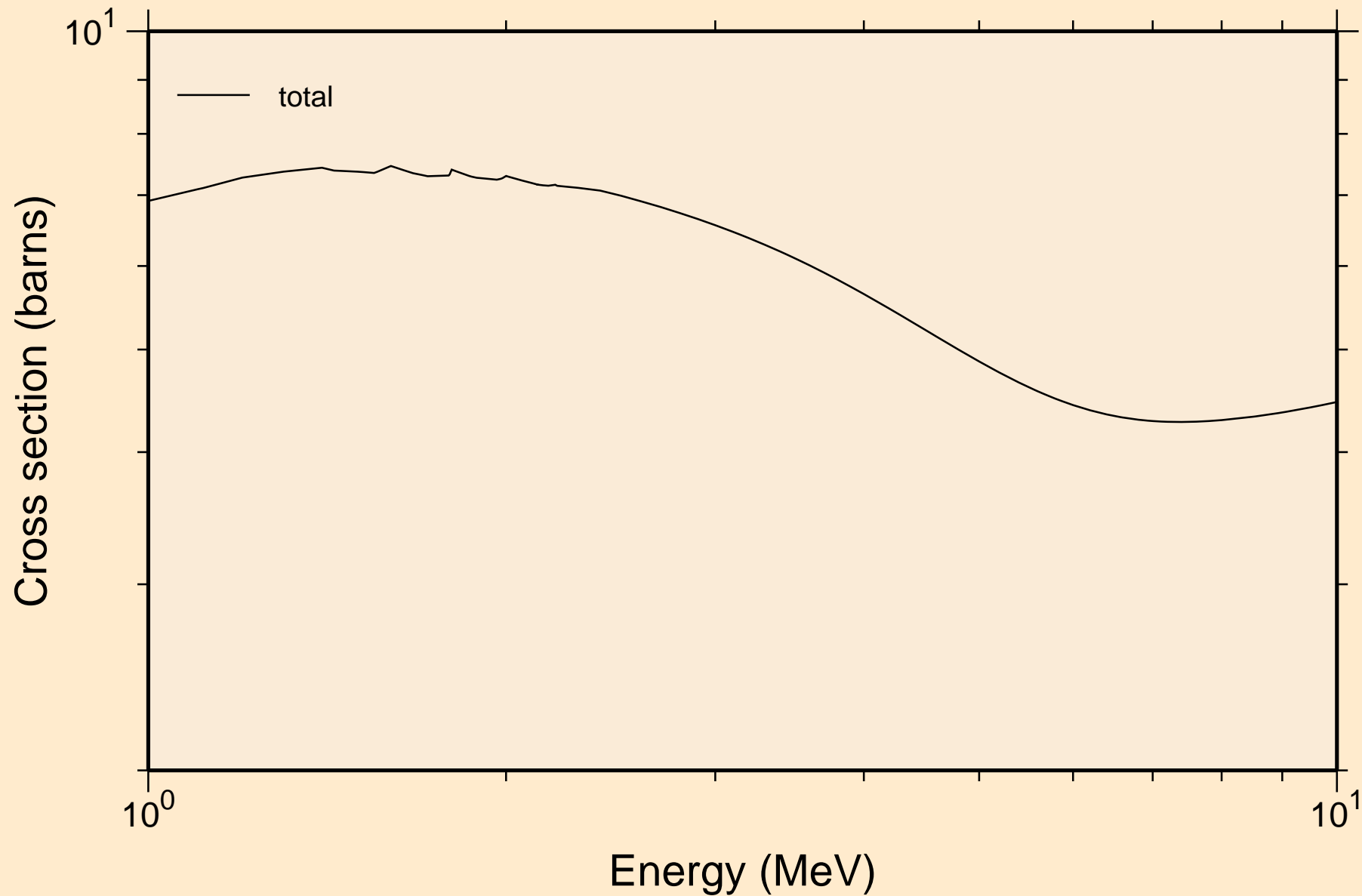
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



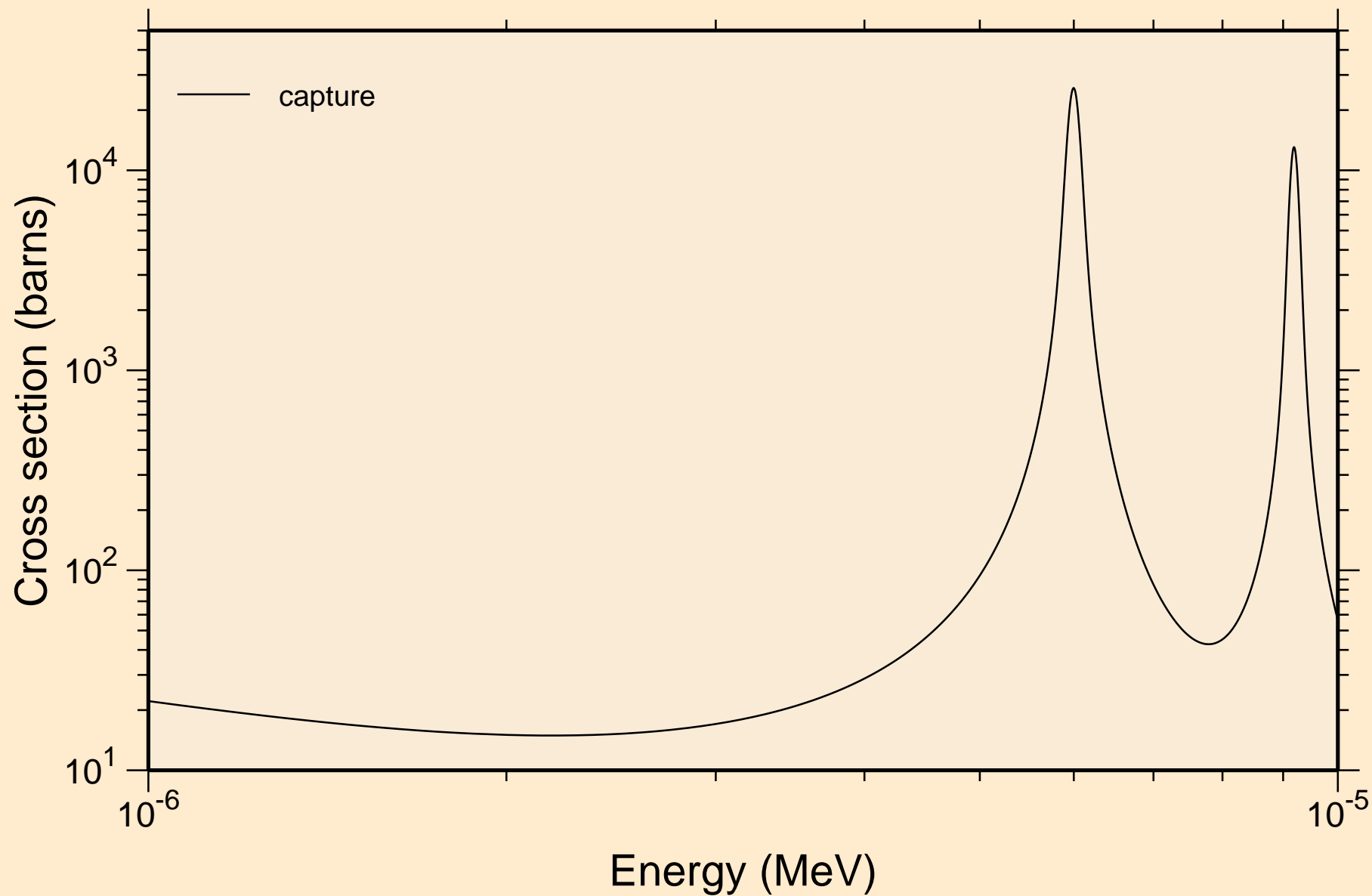
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



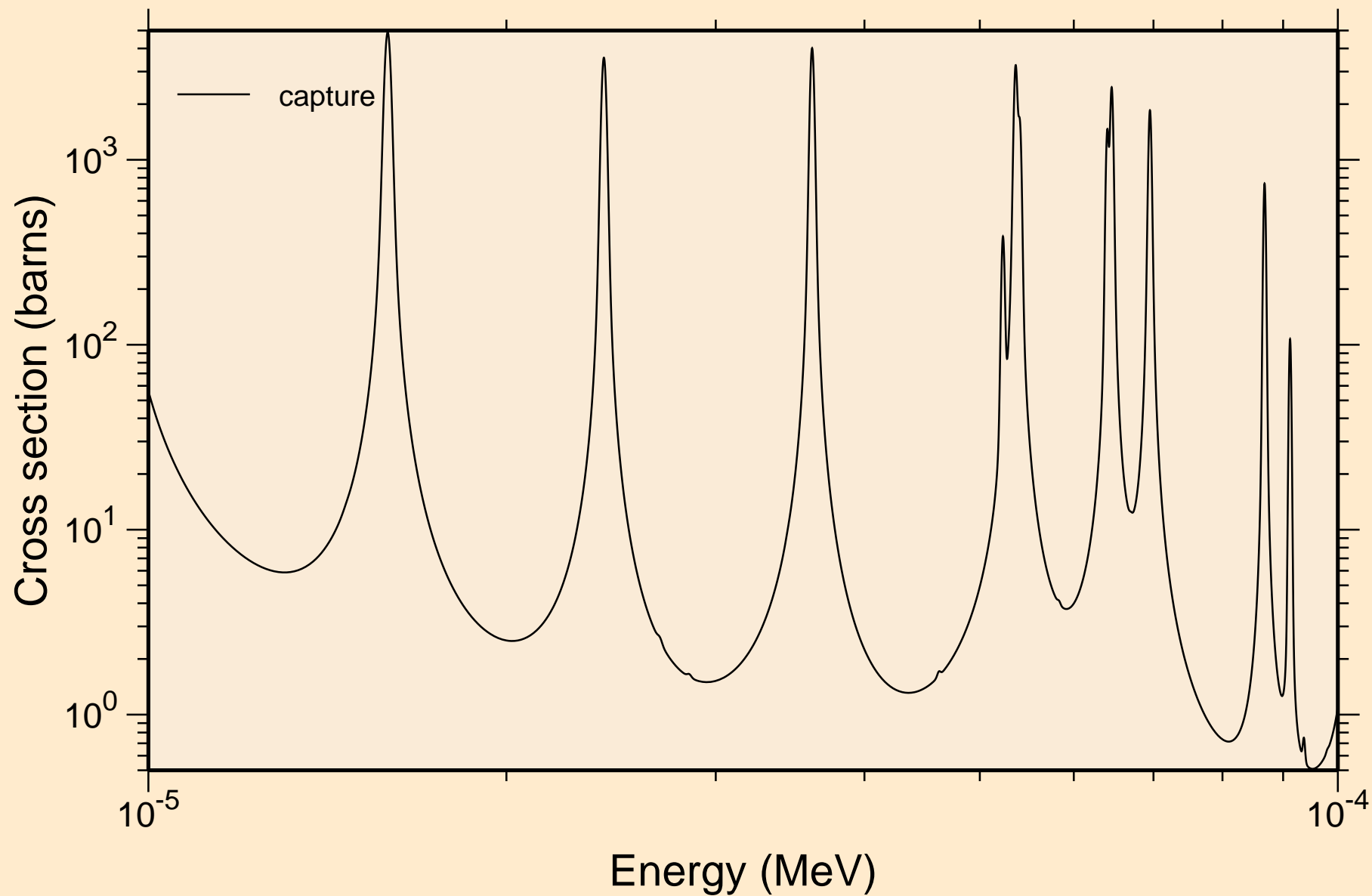
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



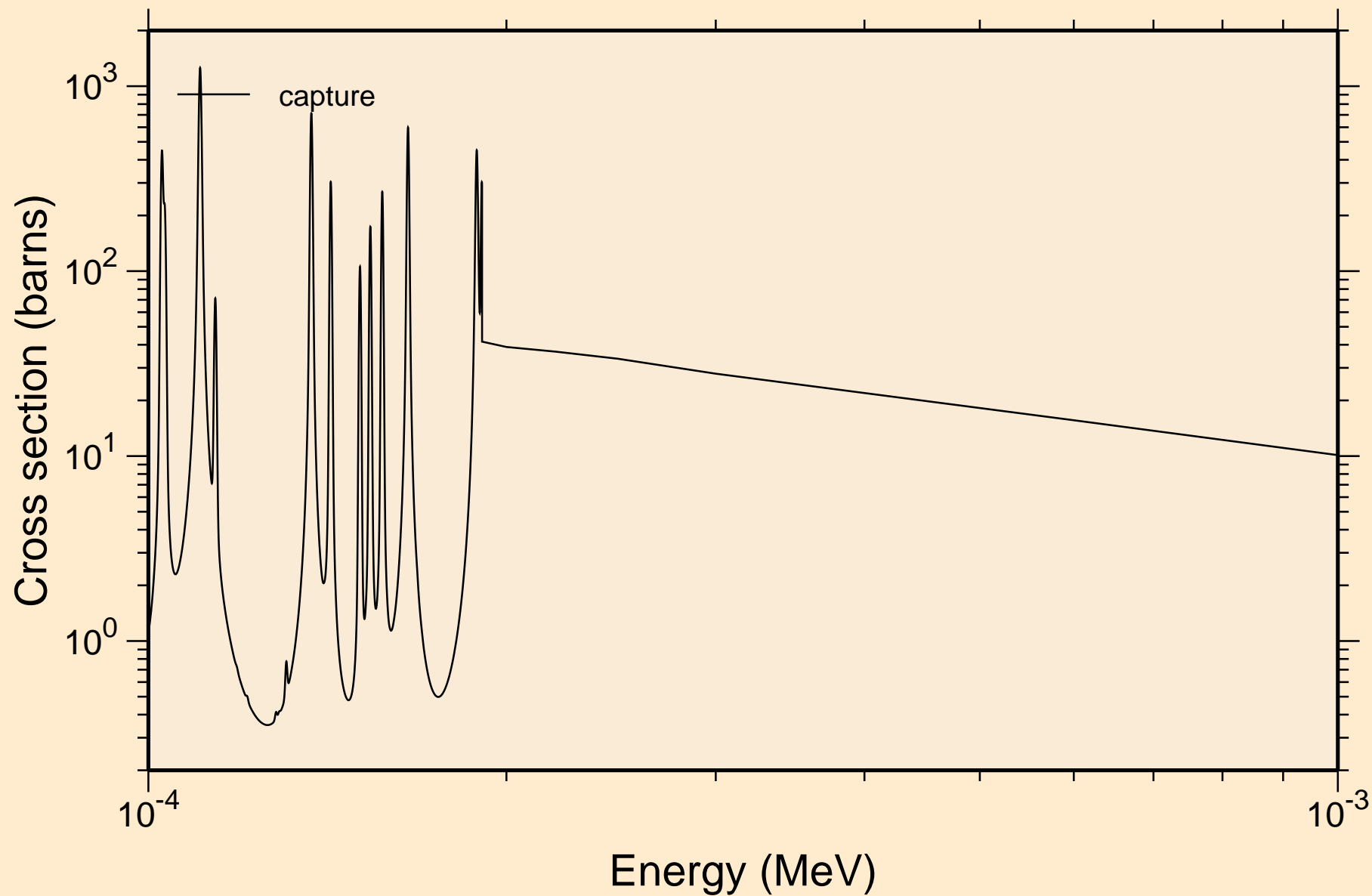
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



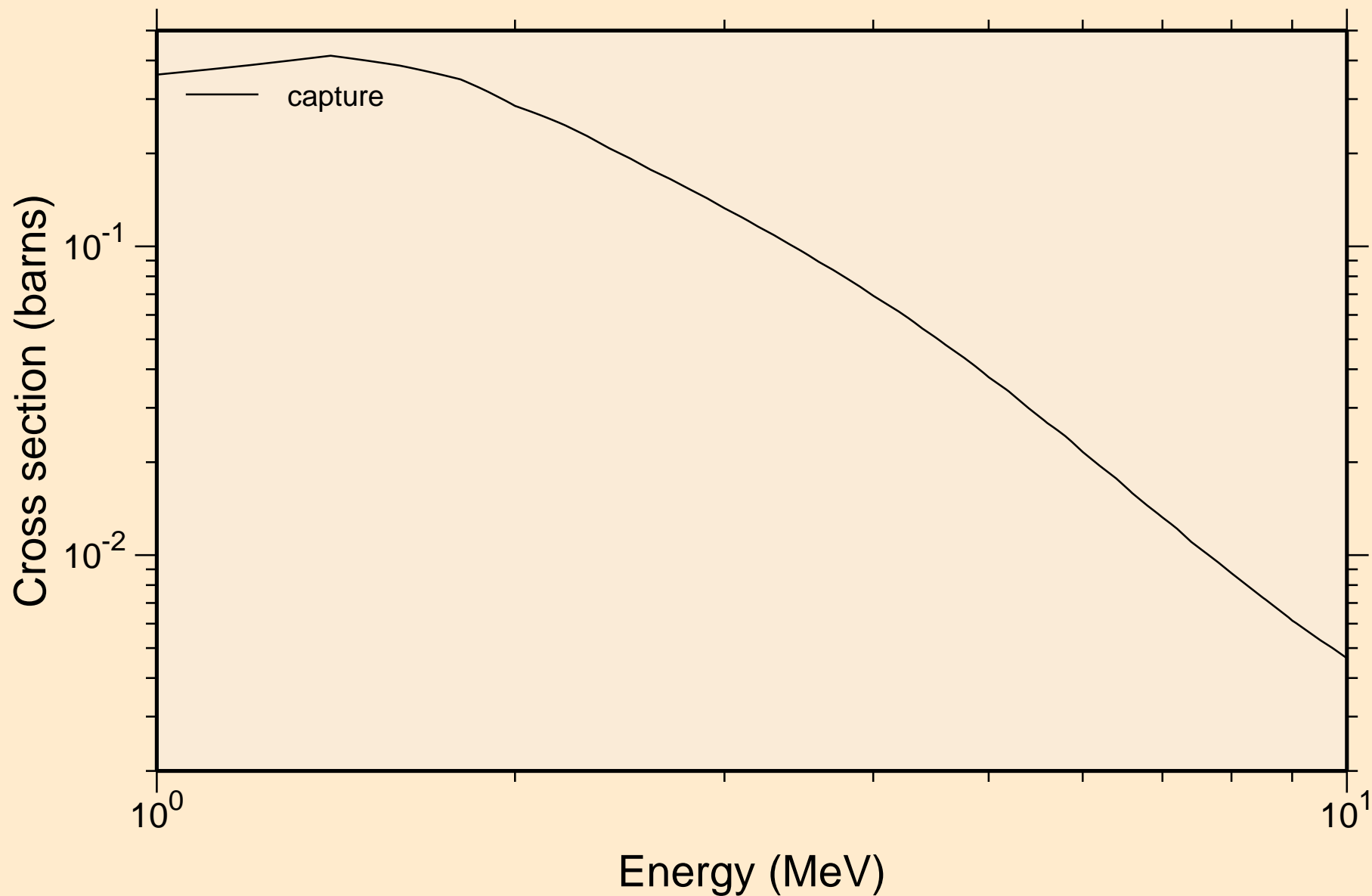
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



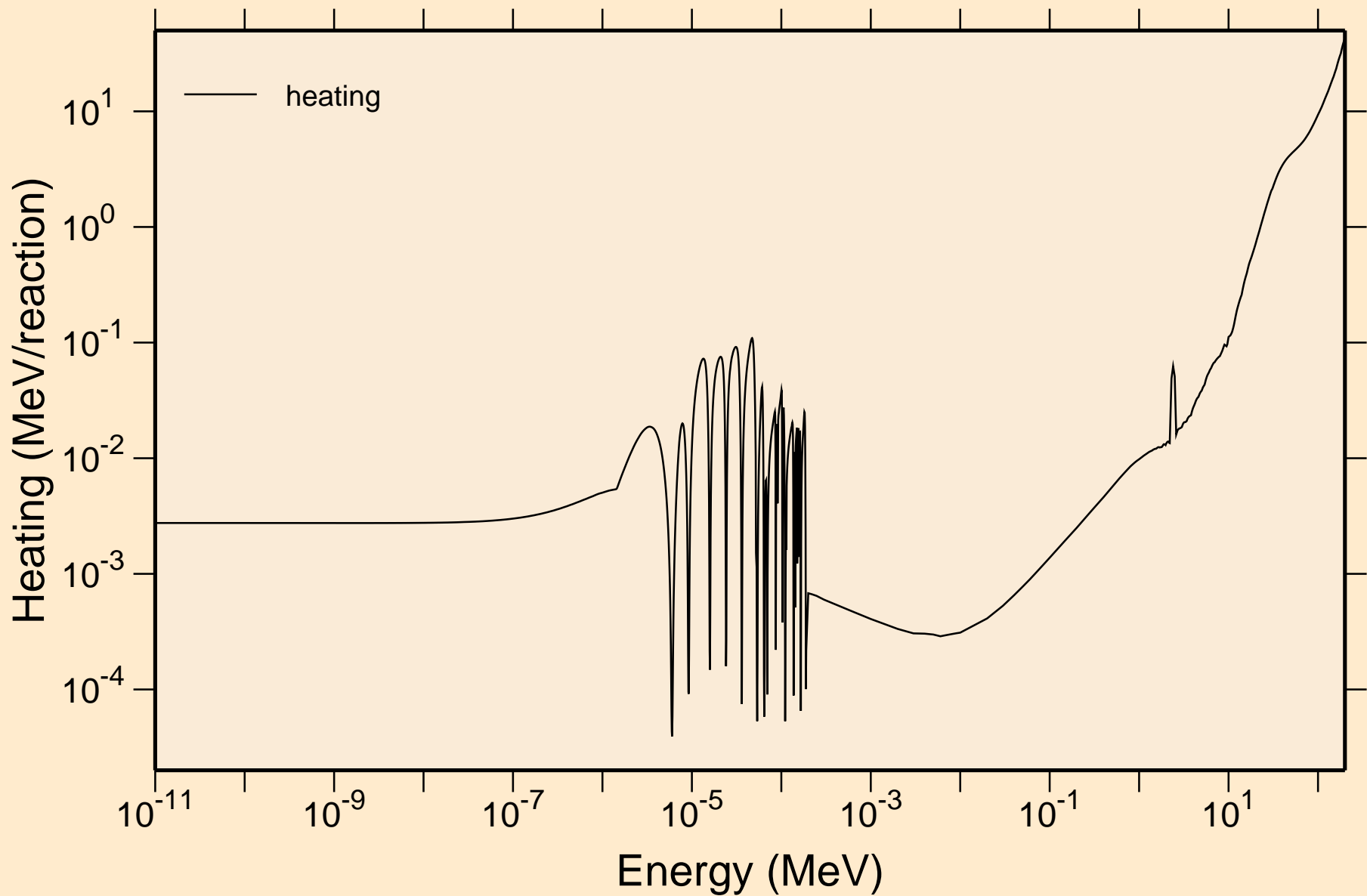
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



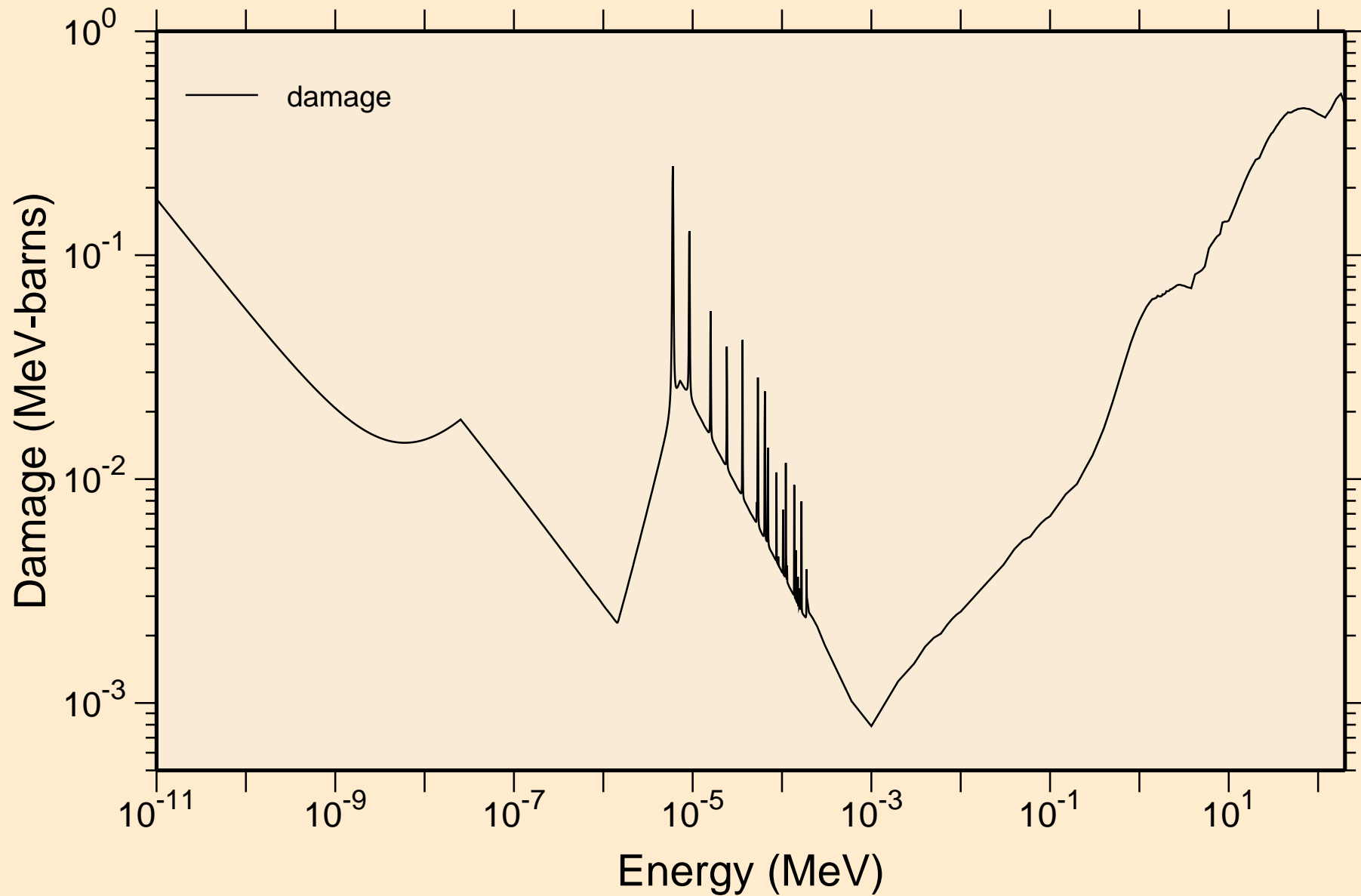
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resonance absorption cross sections



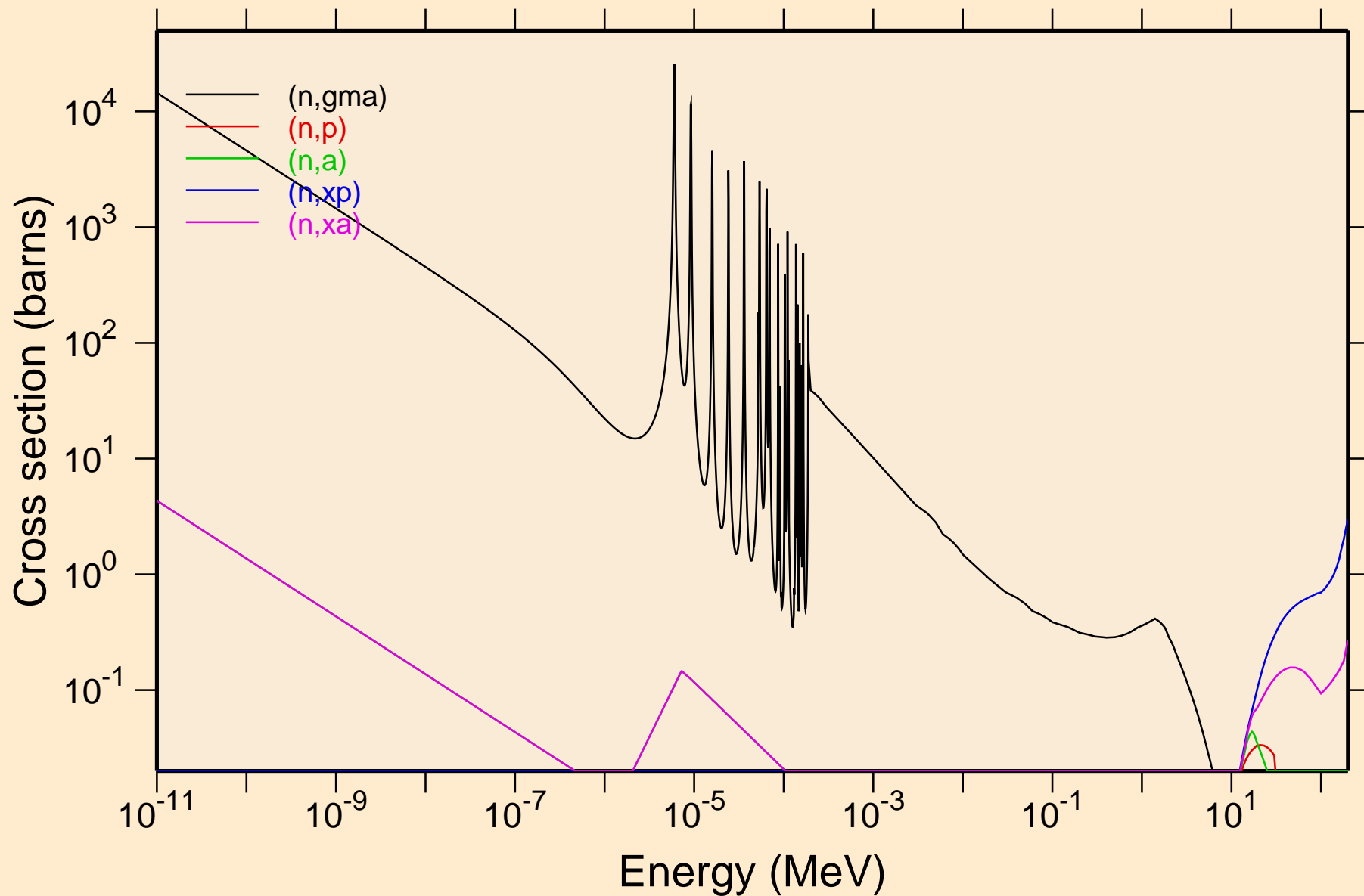
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Heating



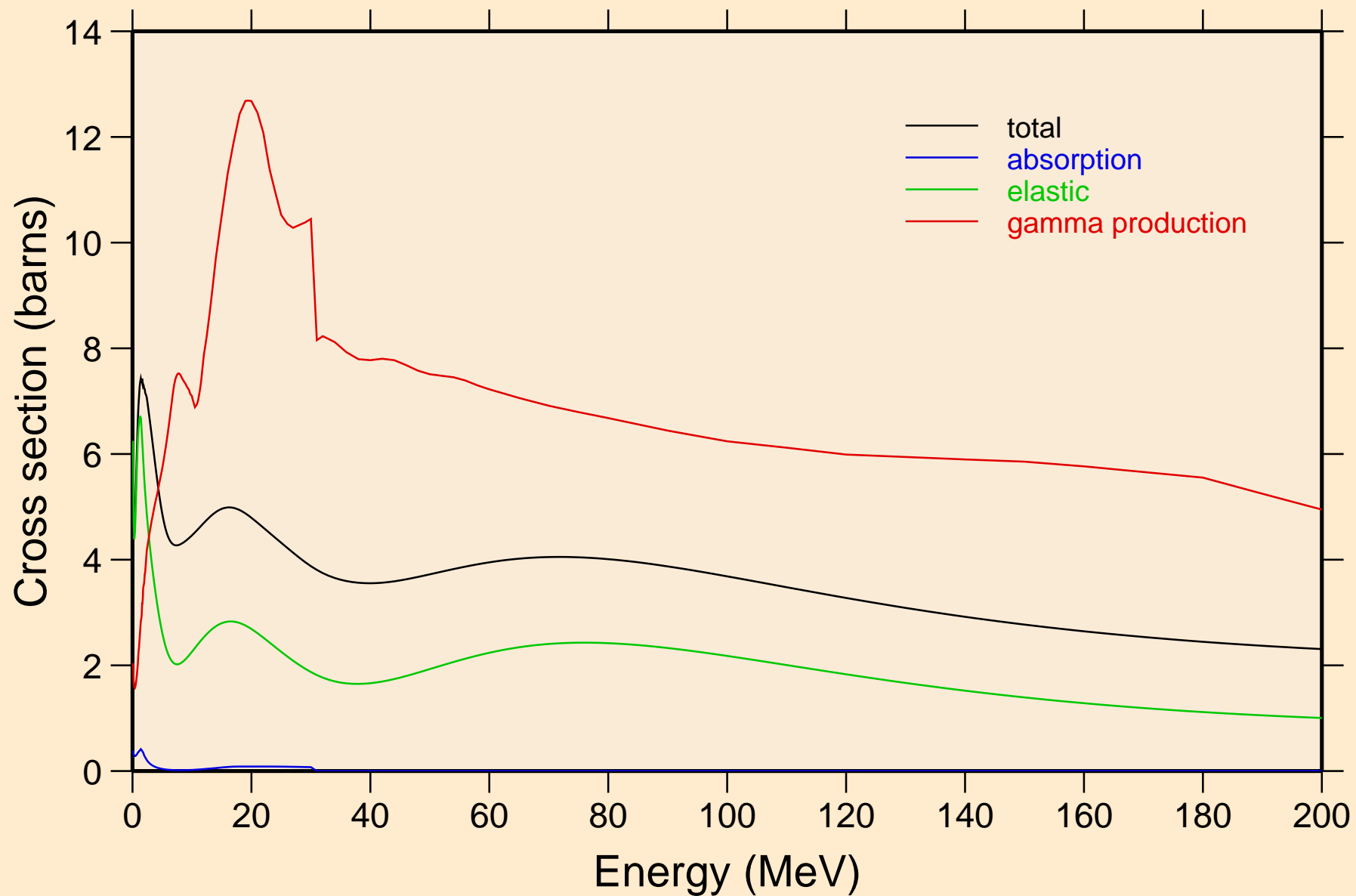
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



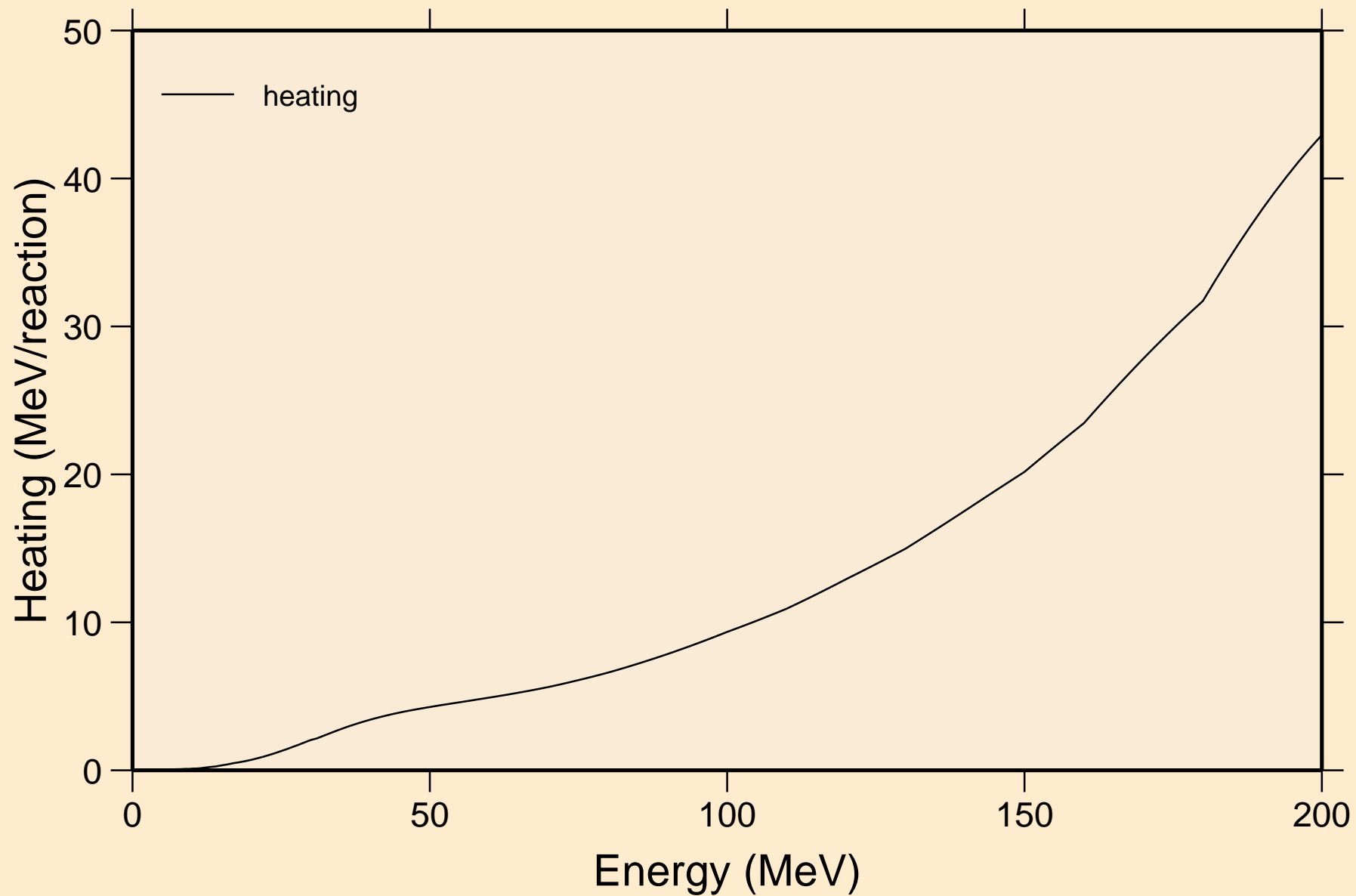
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Non-threshold reactions



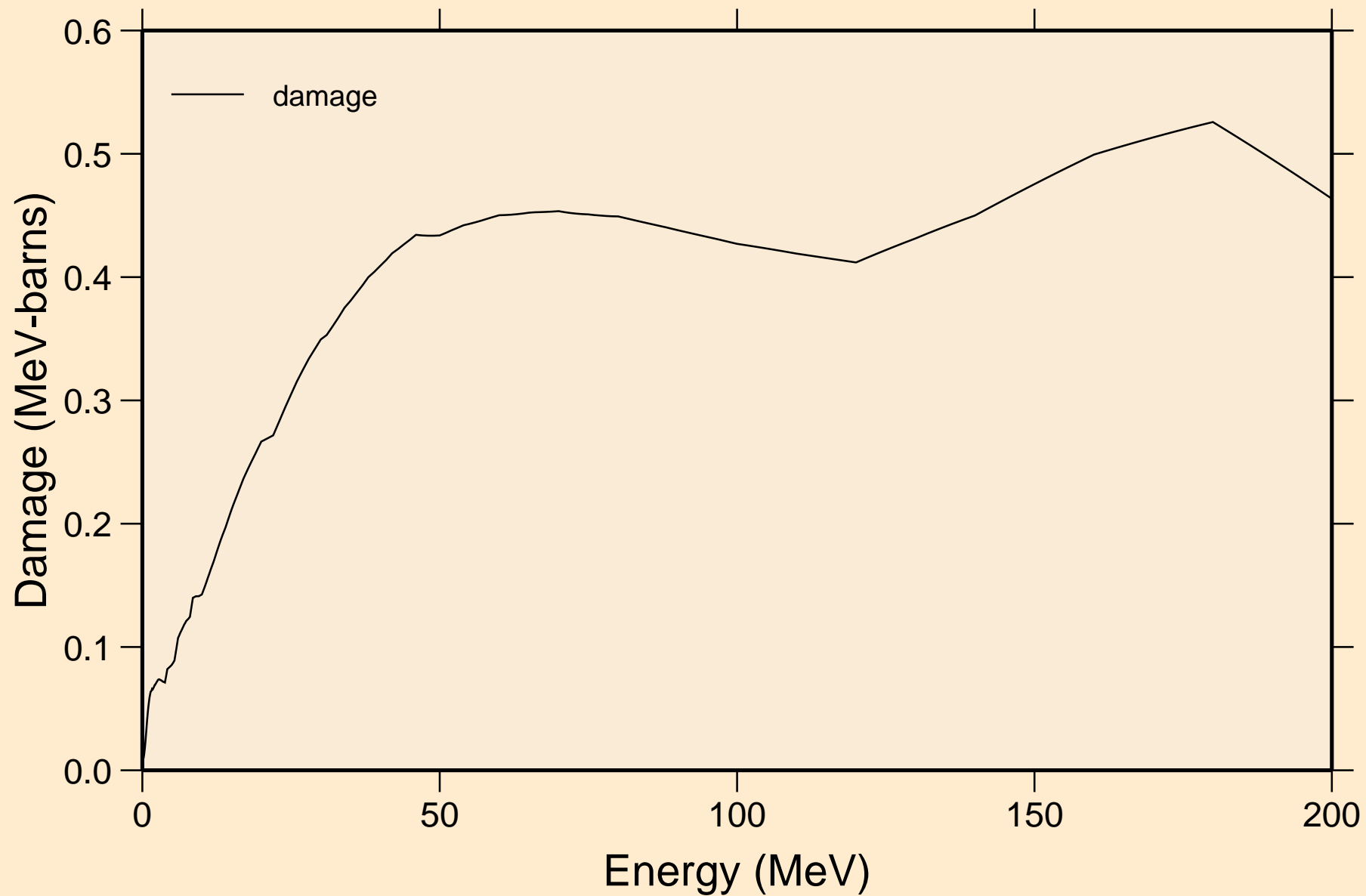
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Principal cross sections



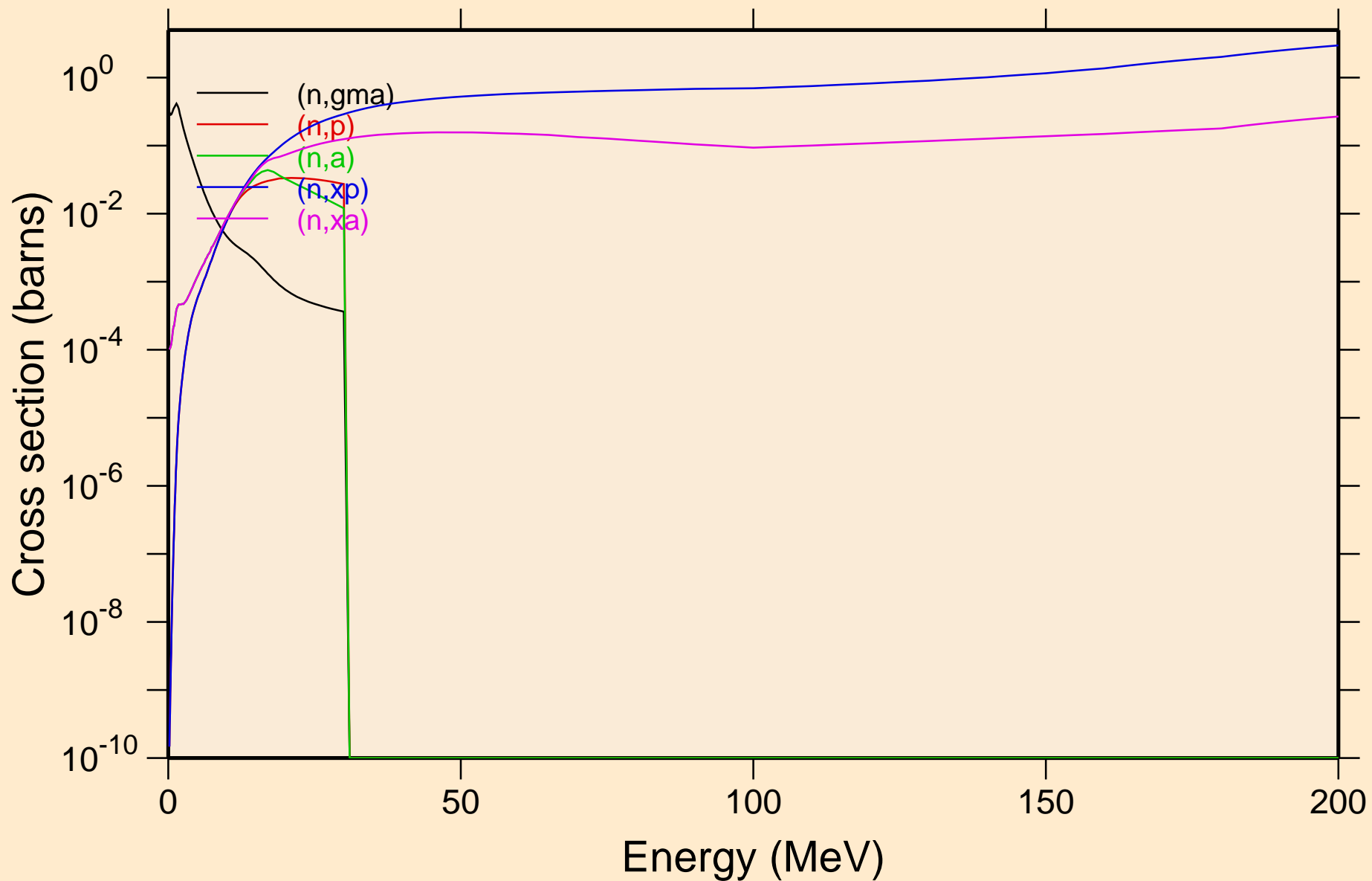
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



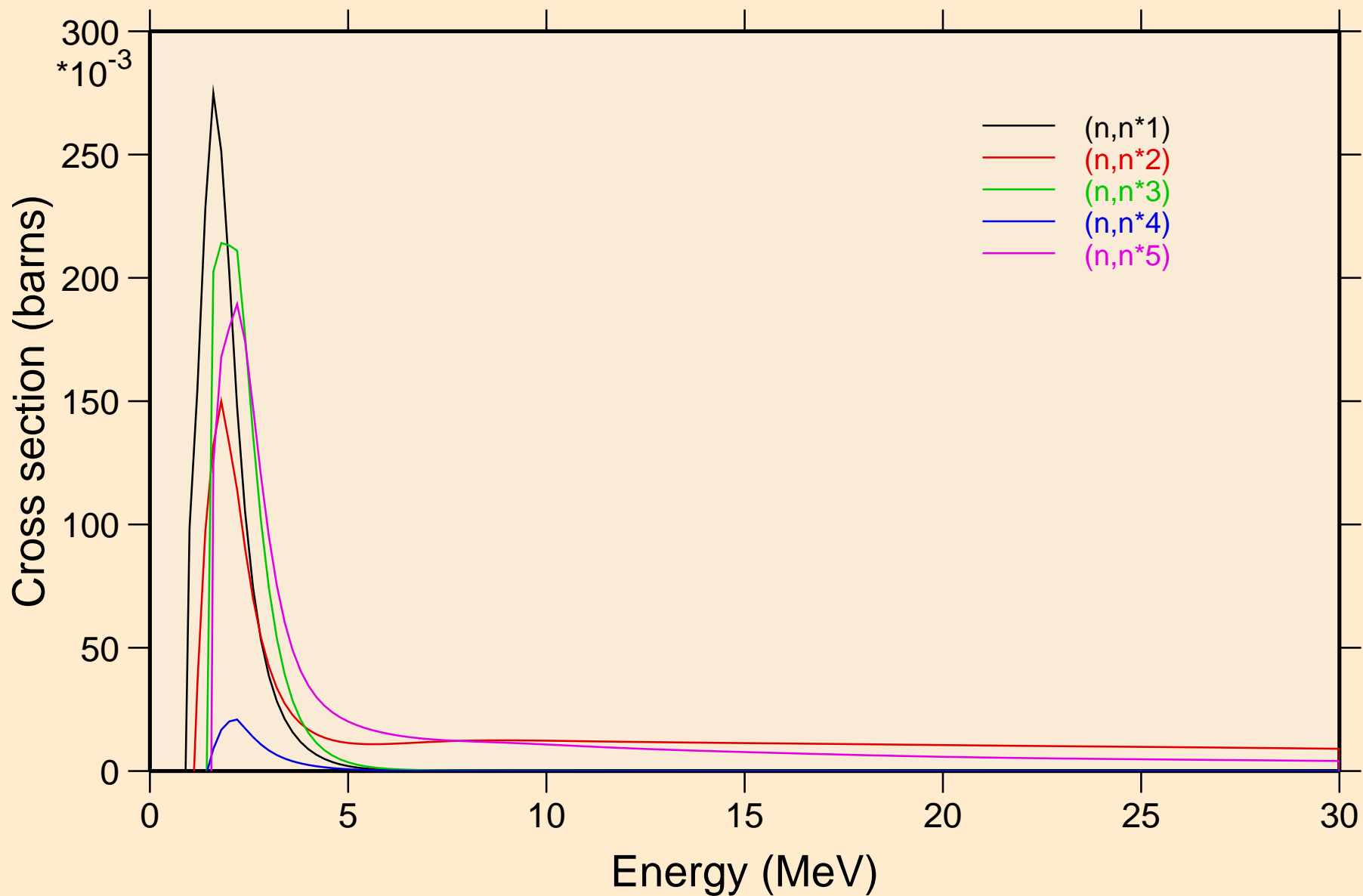
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



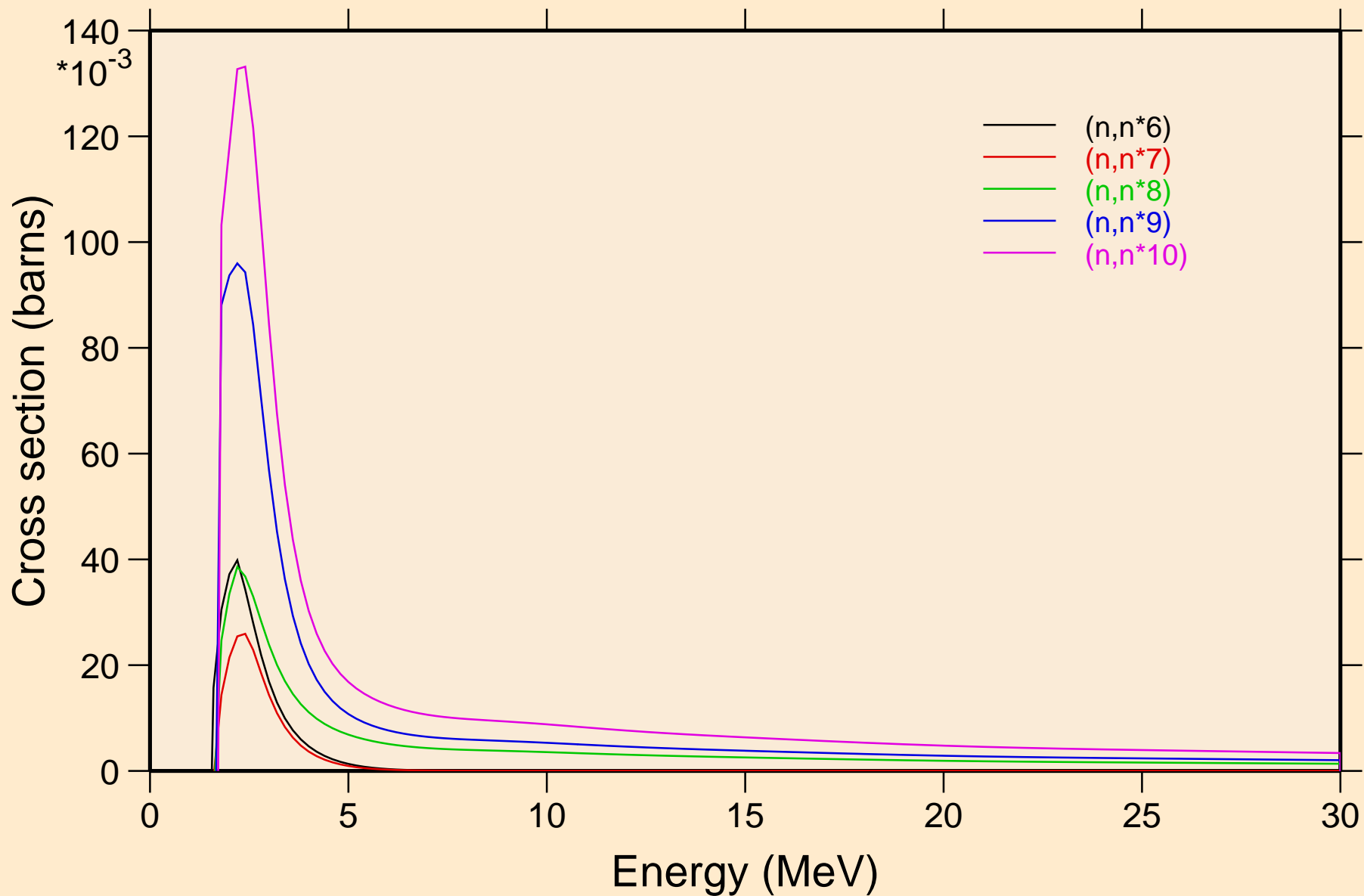
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



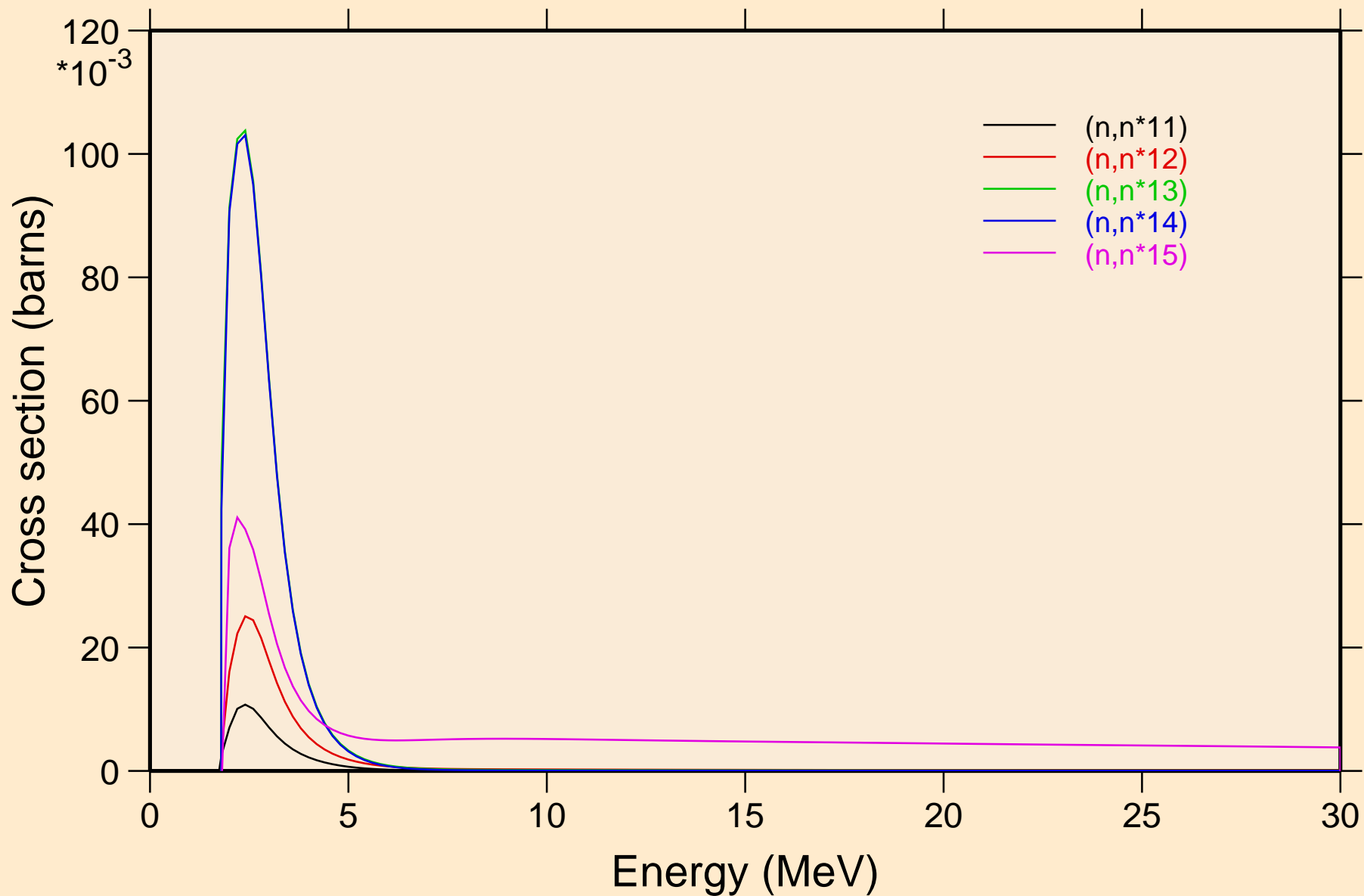
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



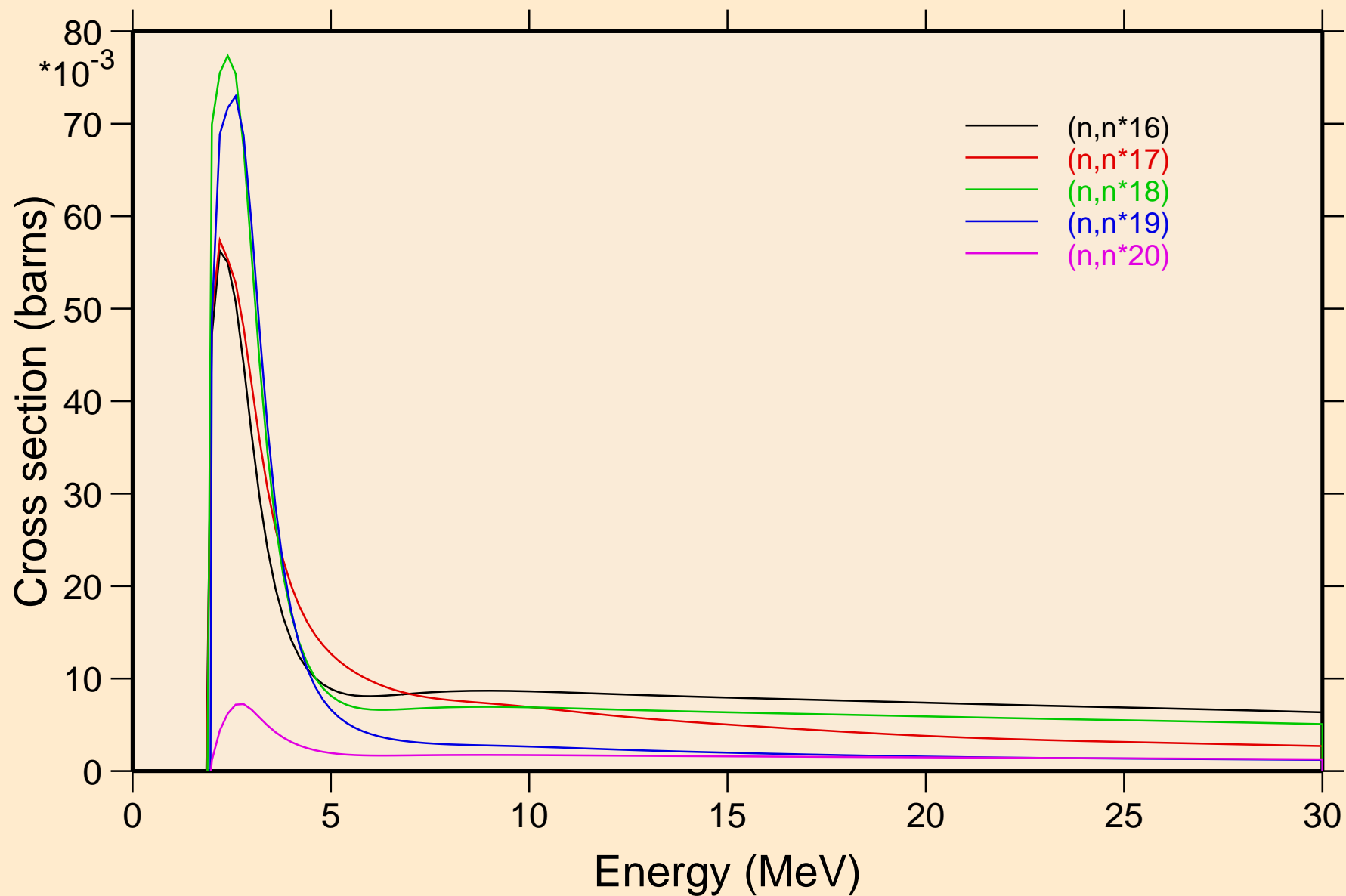
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



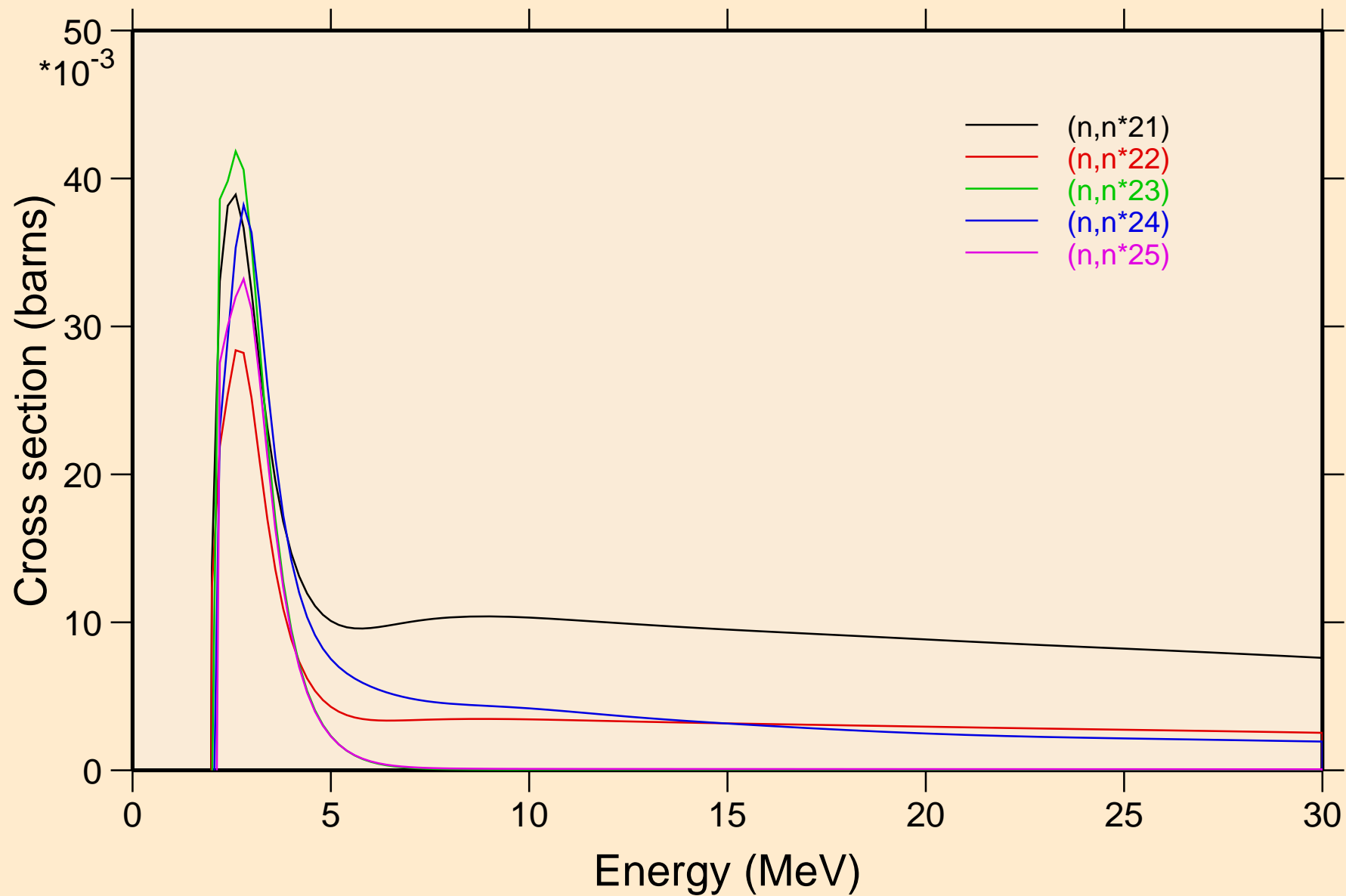
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



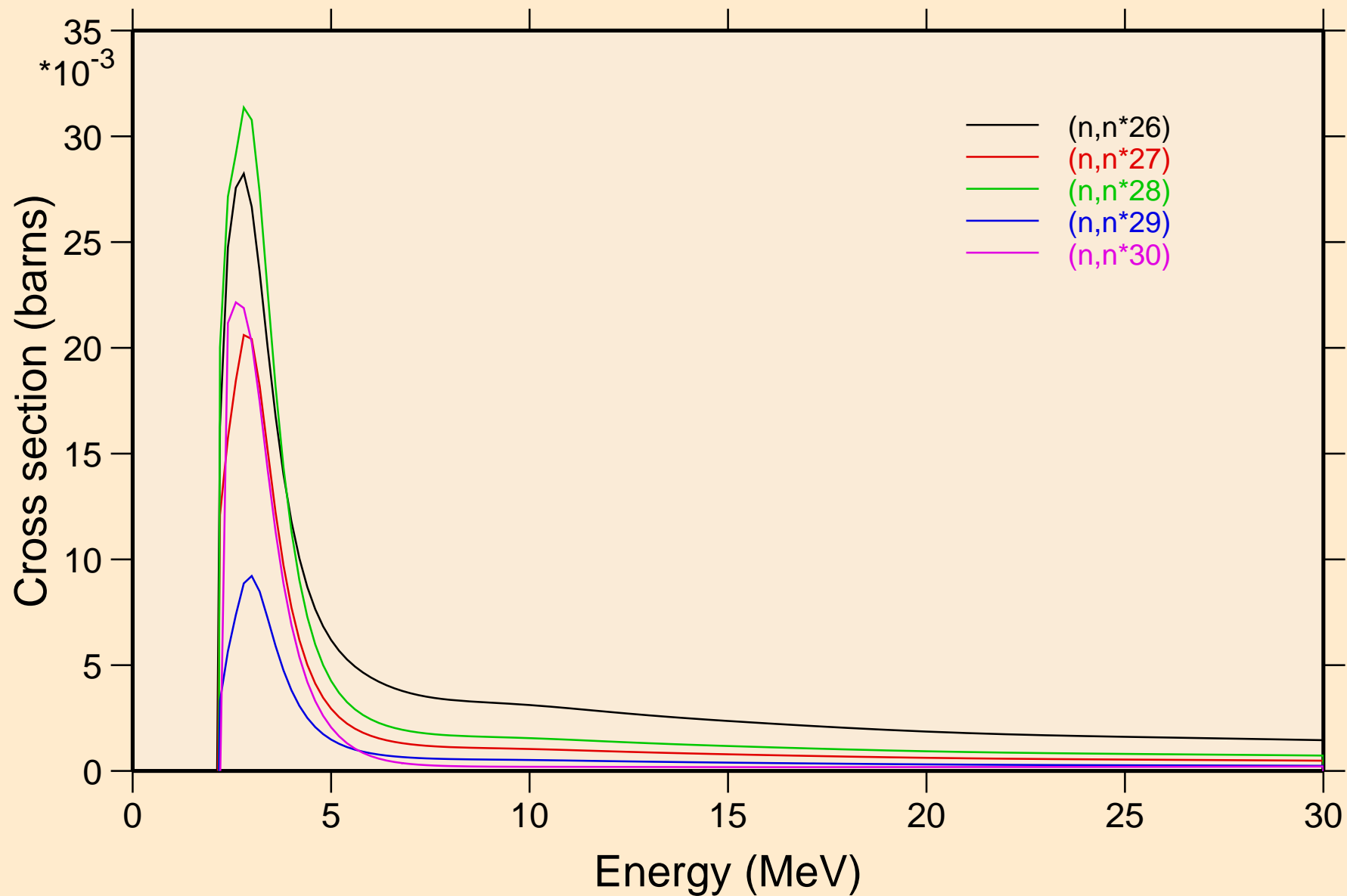
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



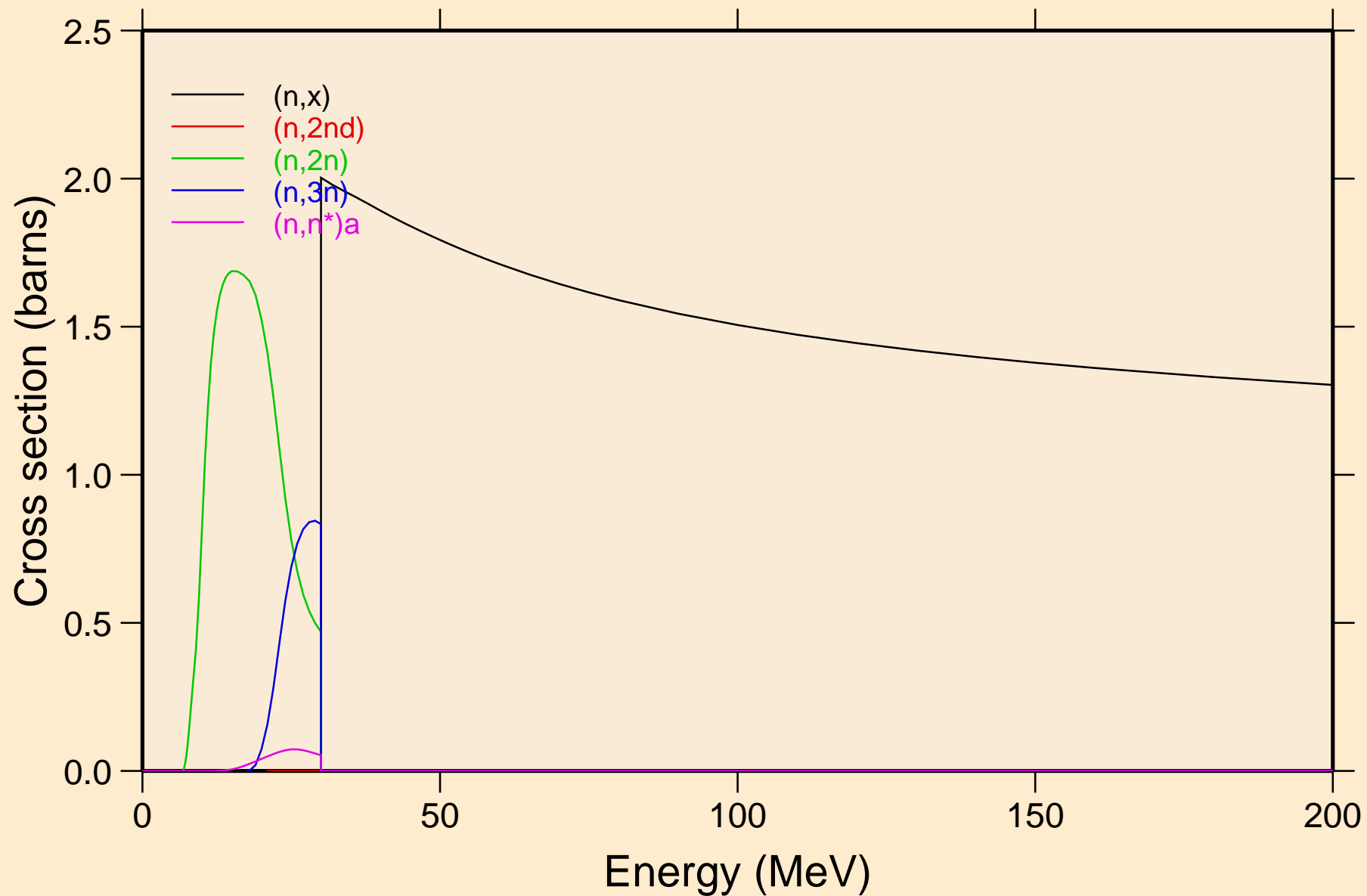
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



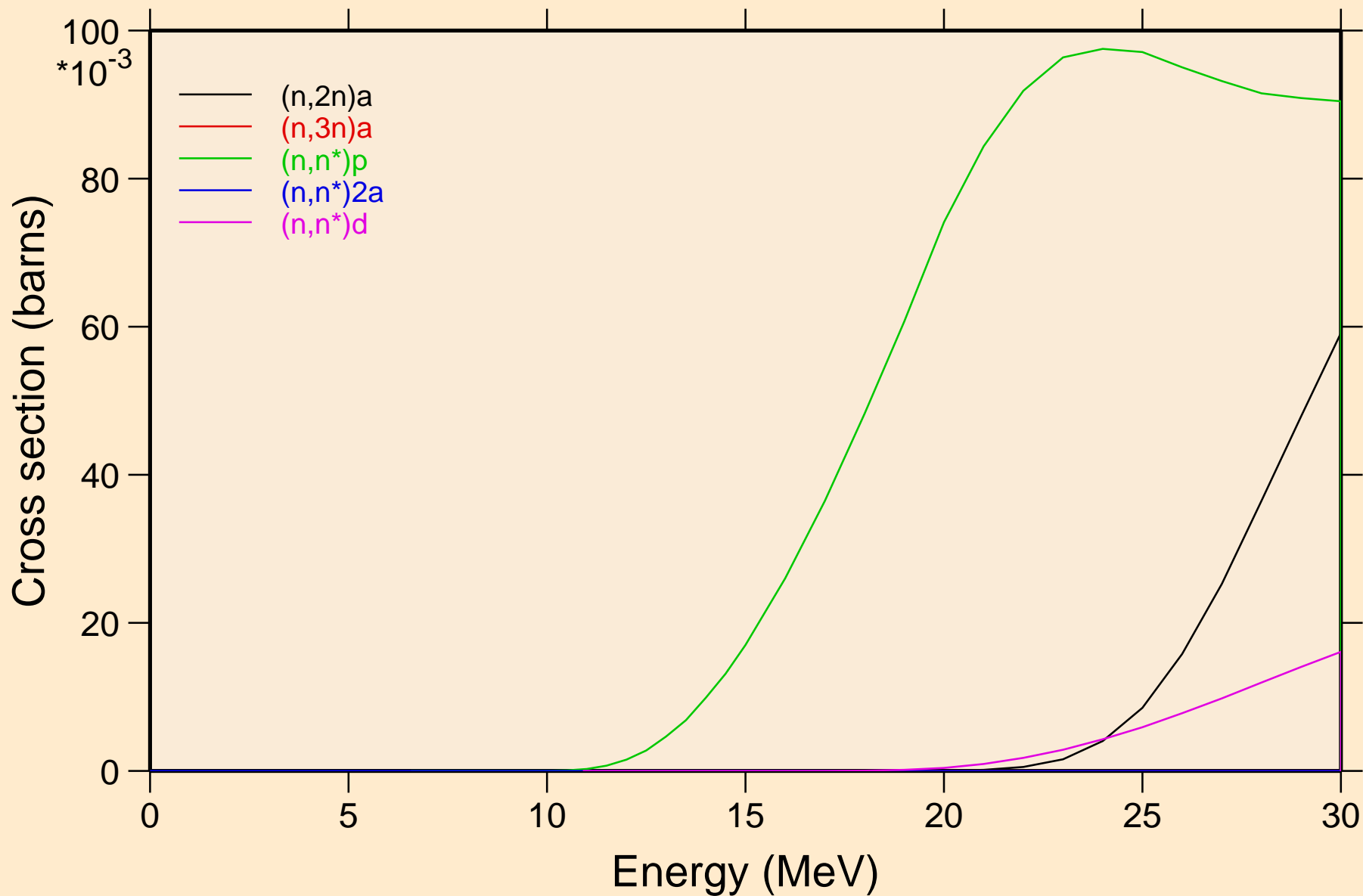
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



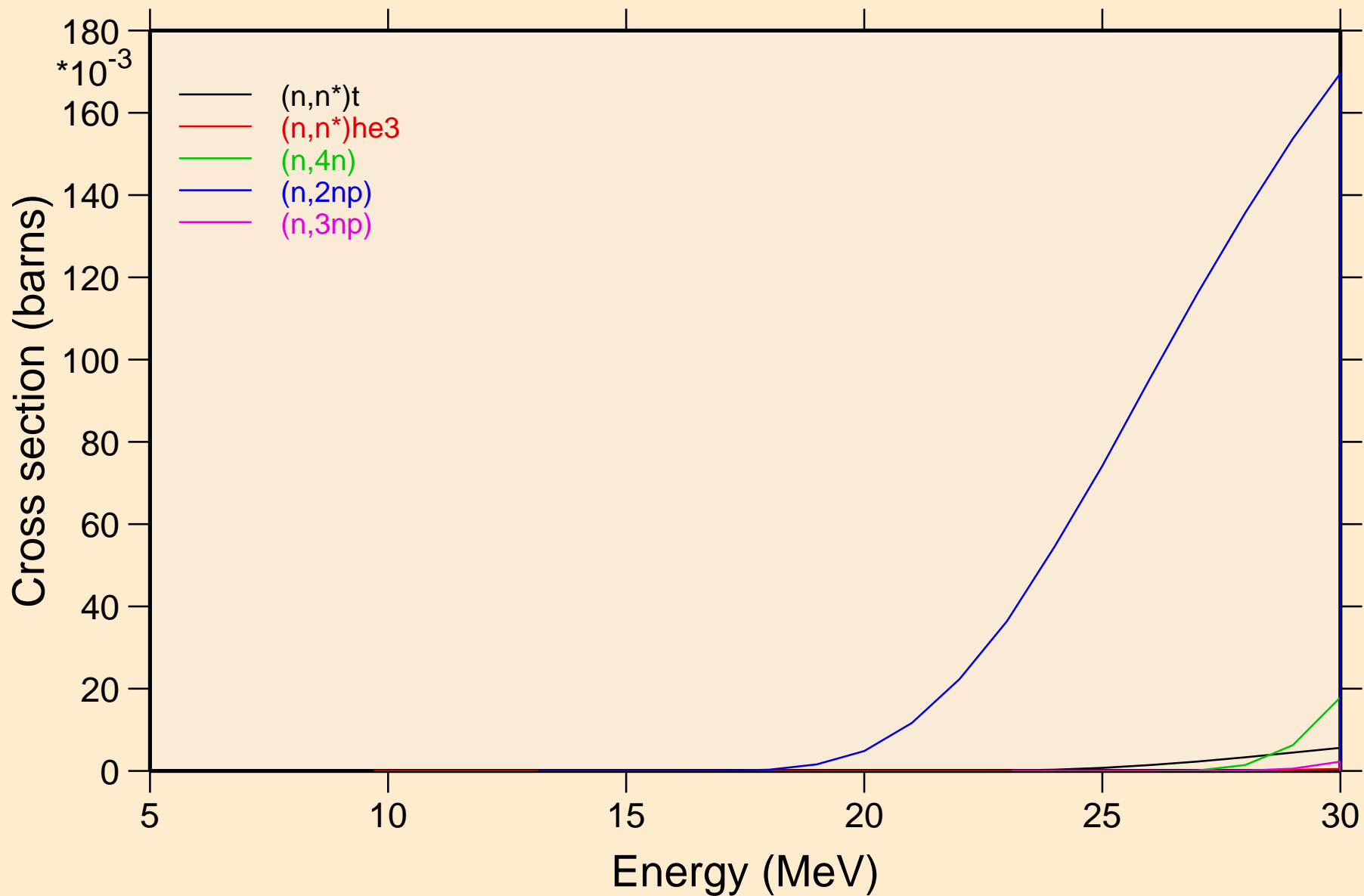
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



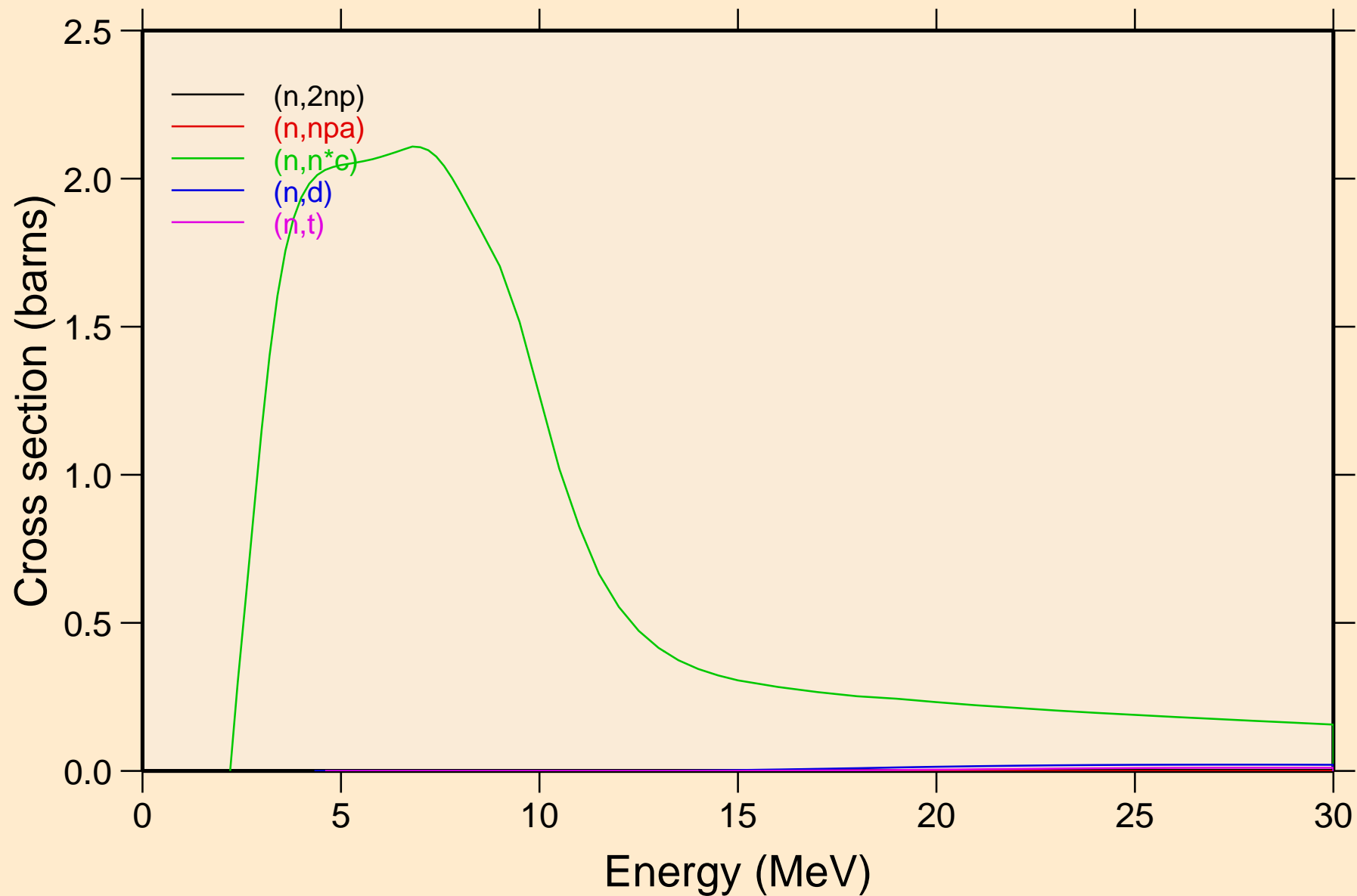
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



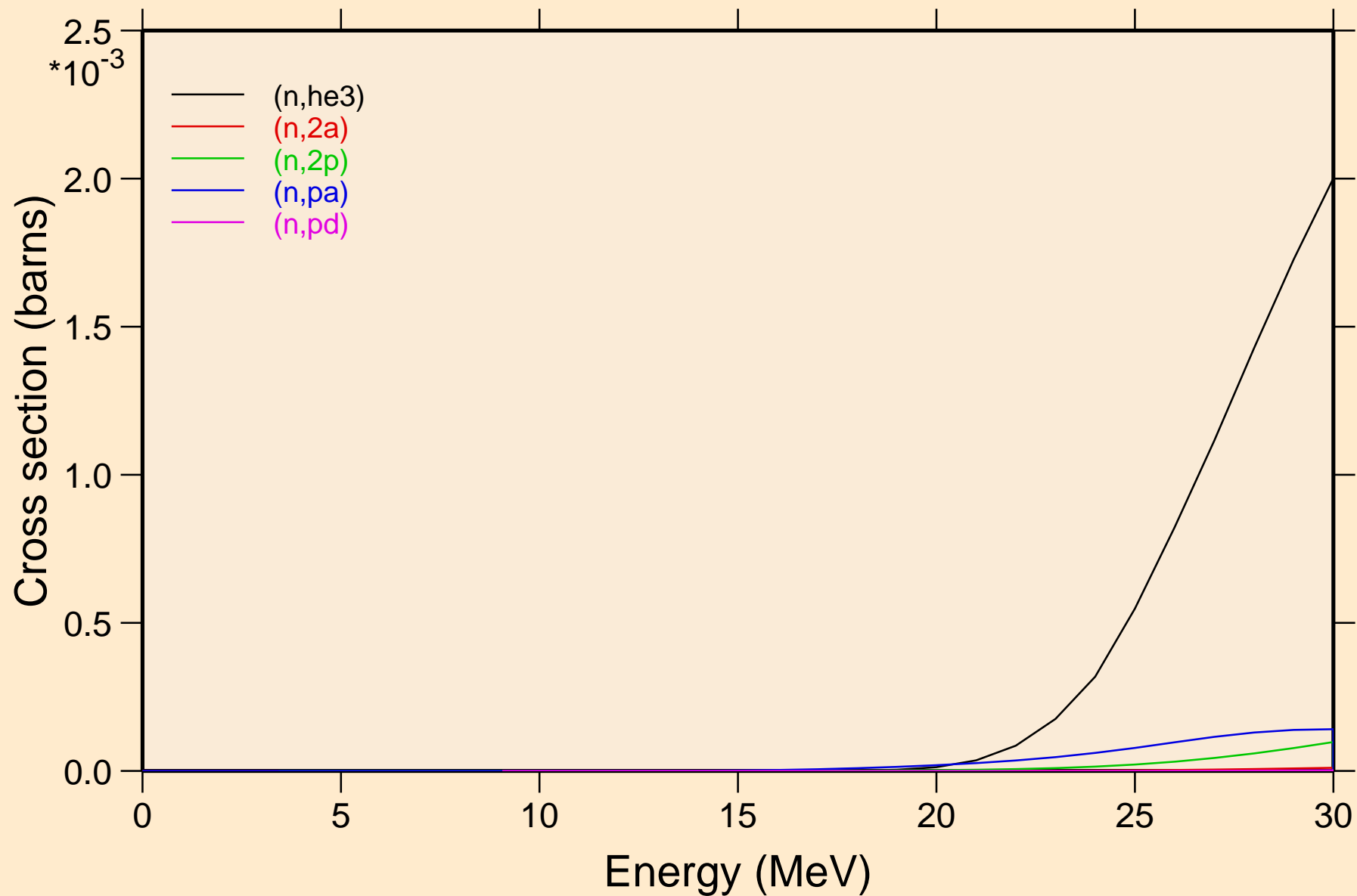
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



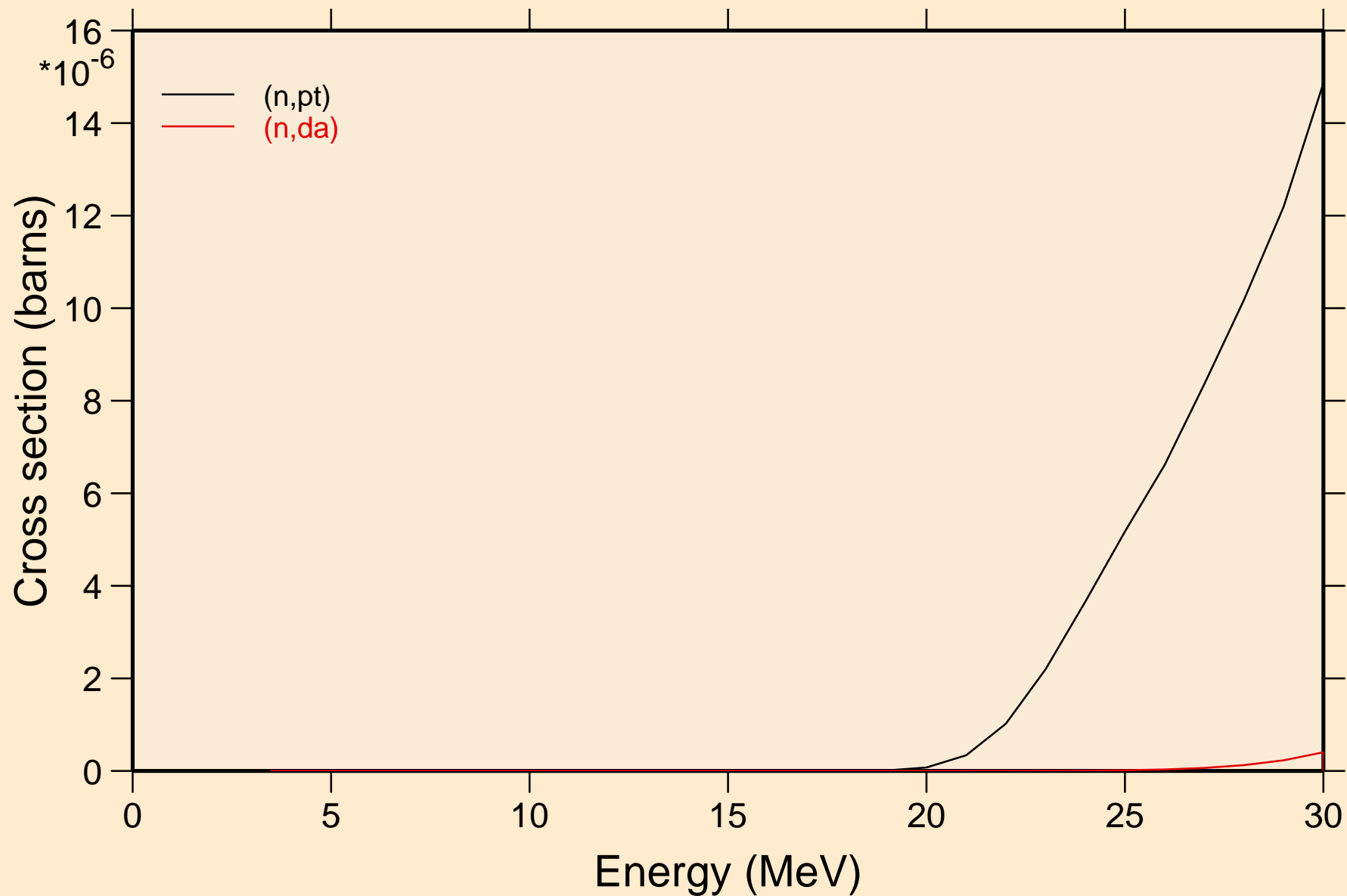
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

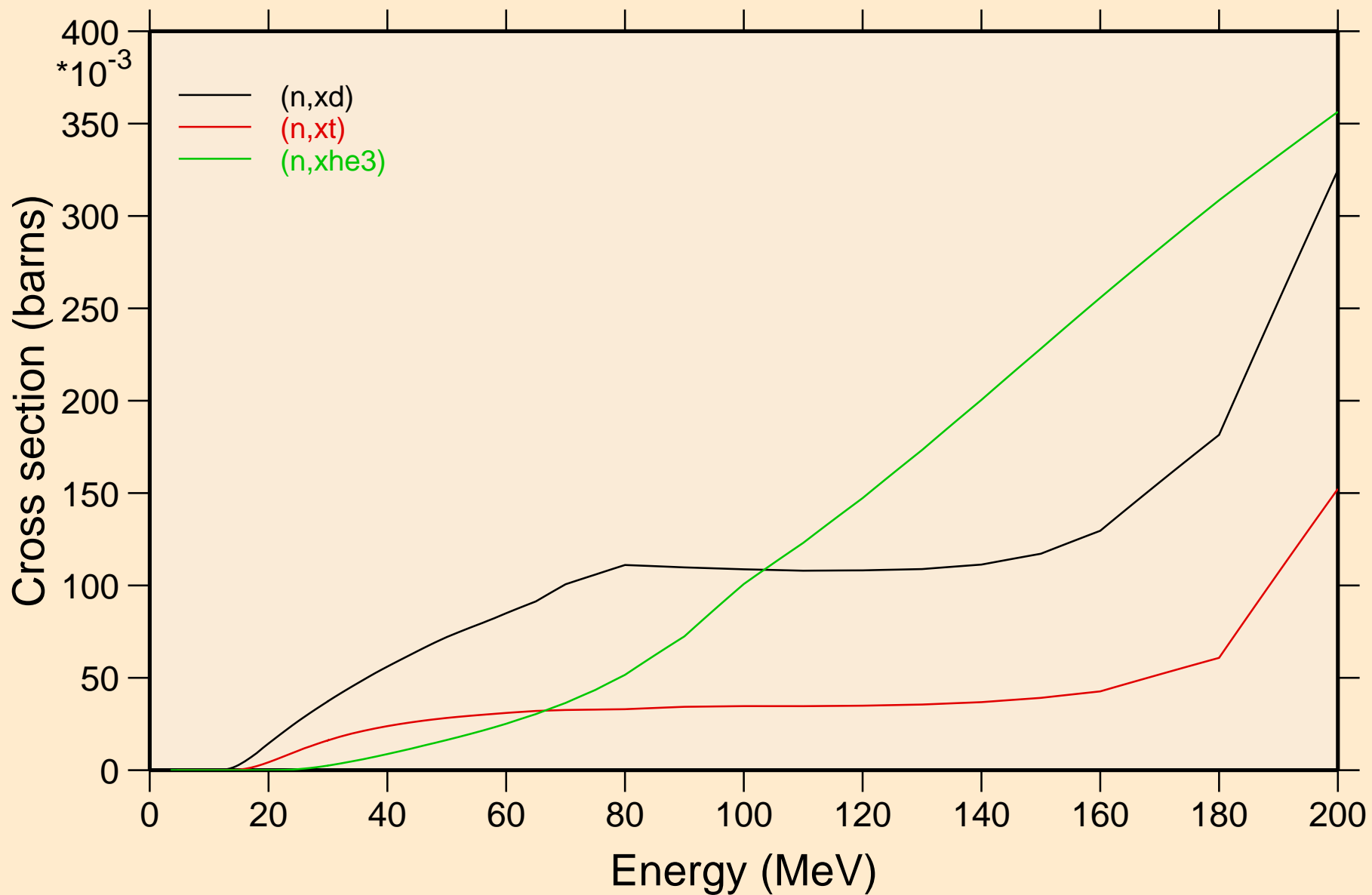


SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

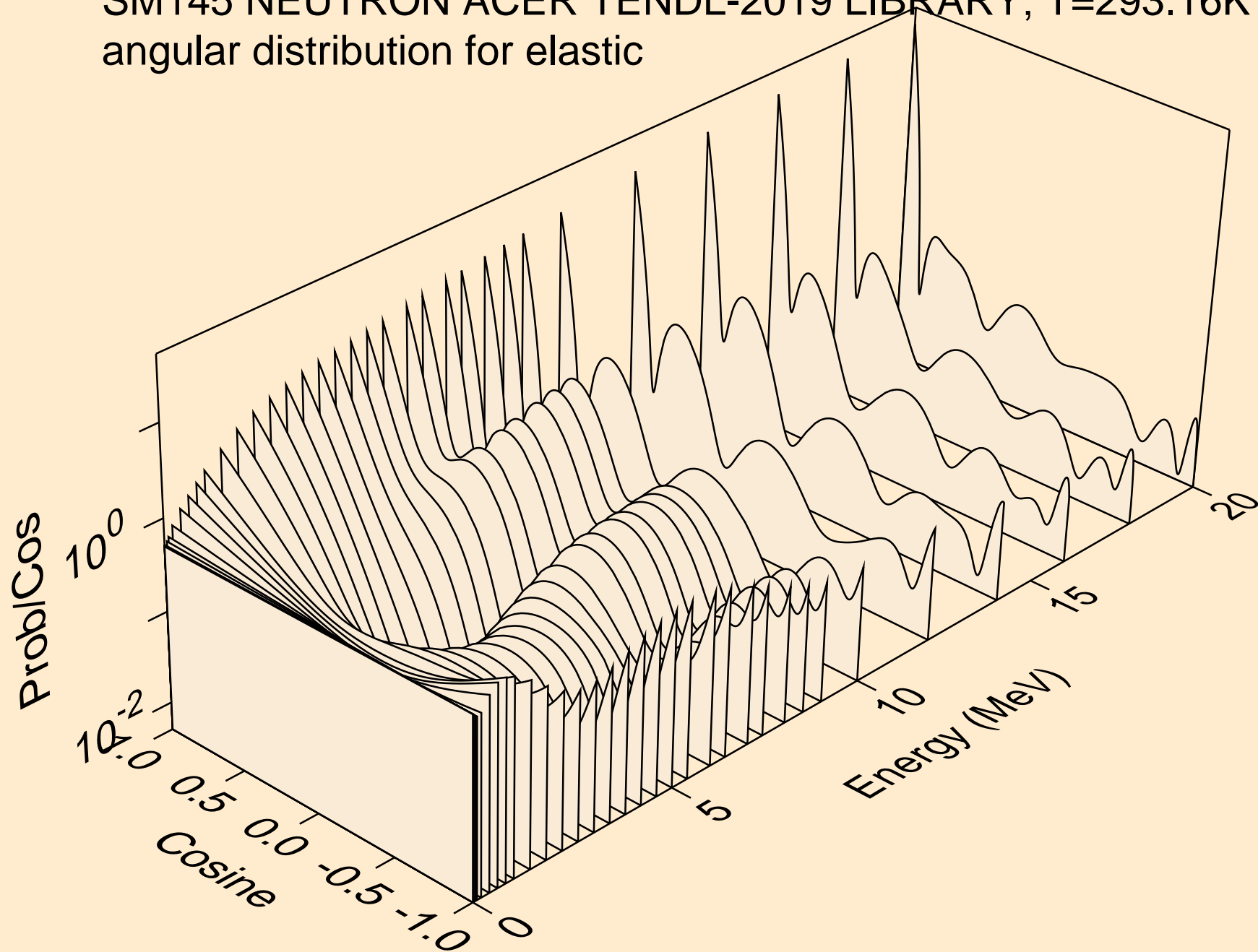


SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

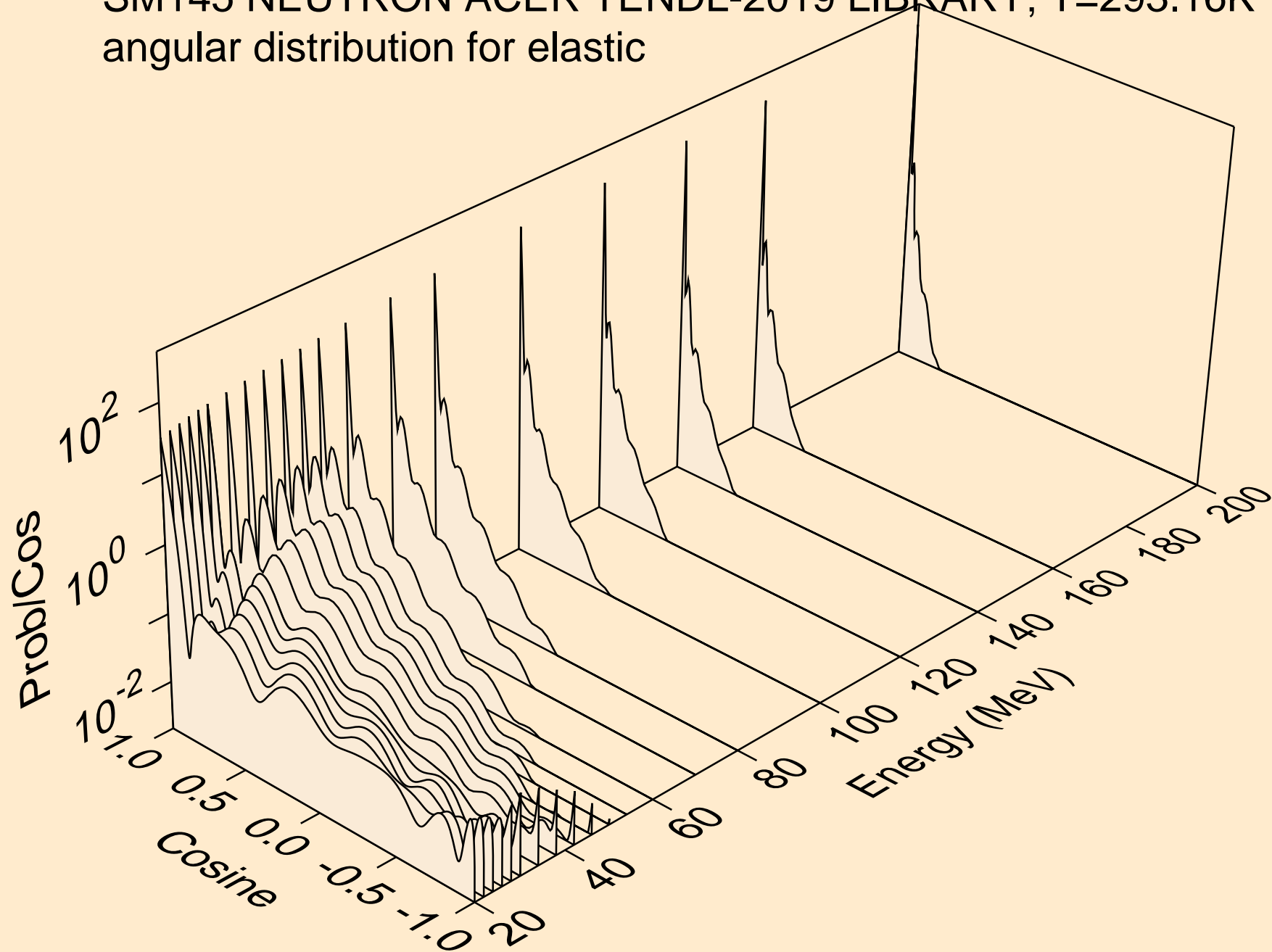
Threshold reactions



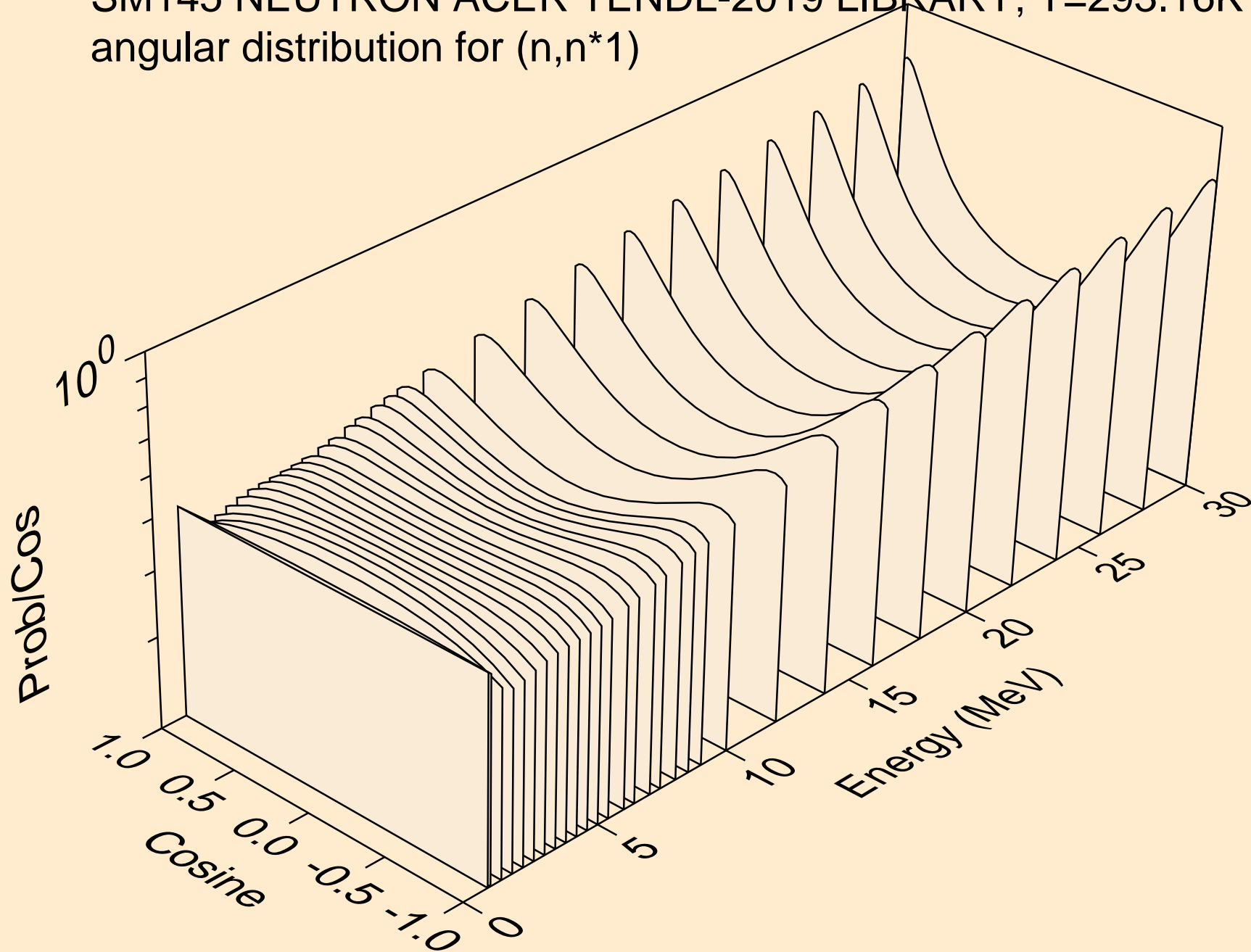
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



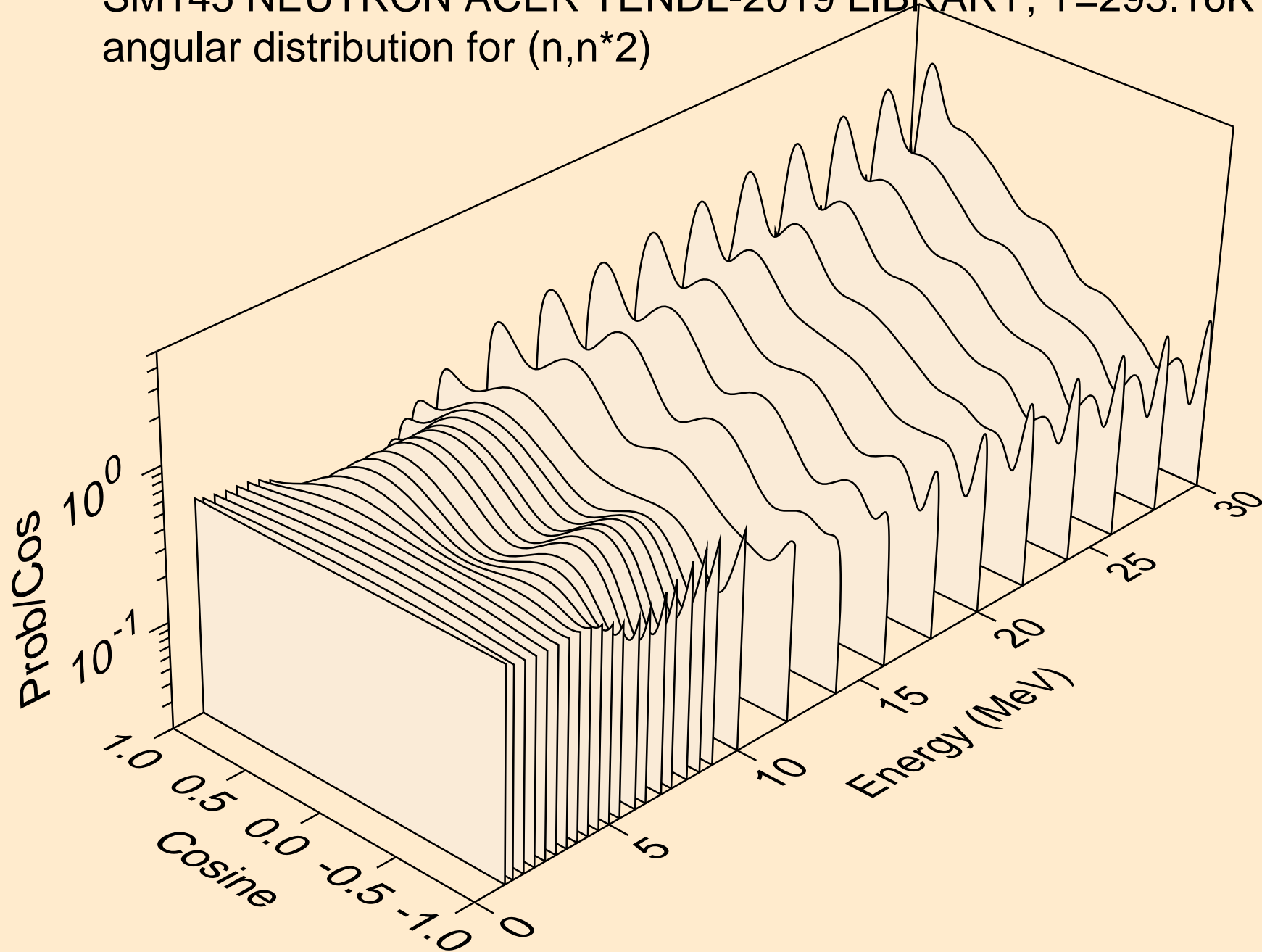
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



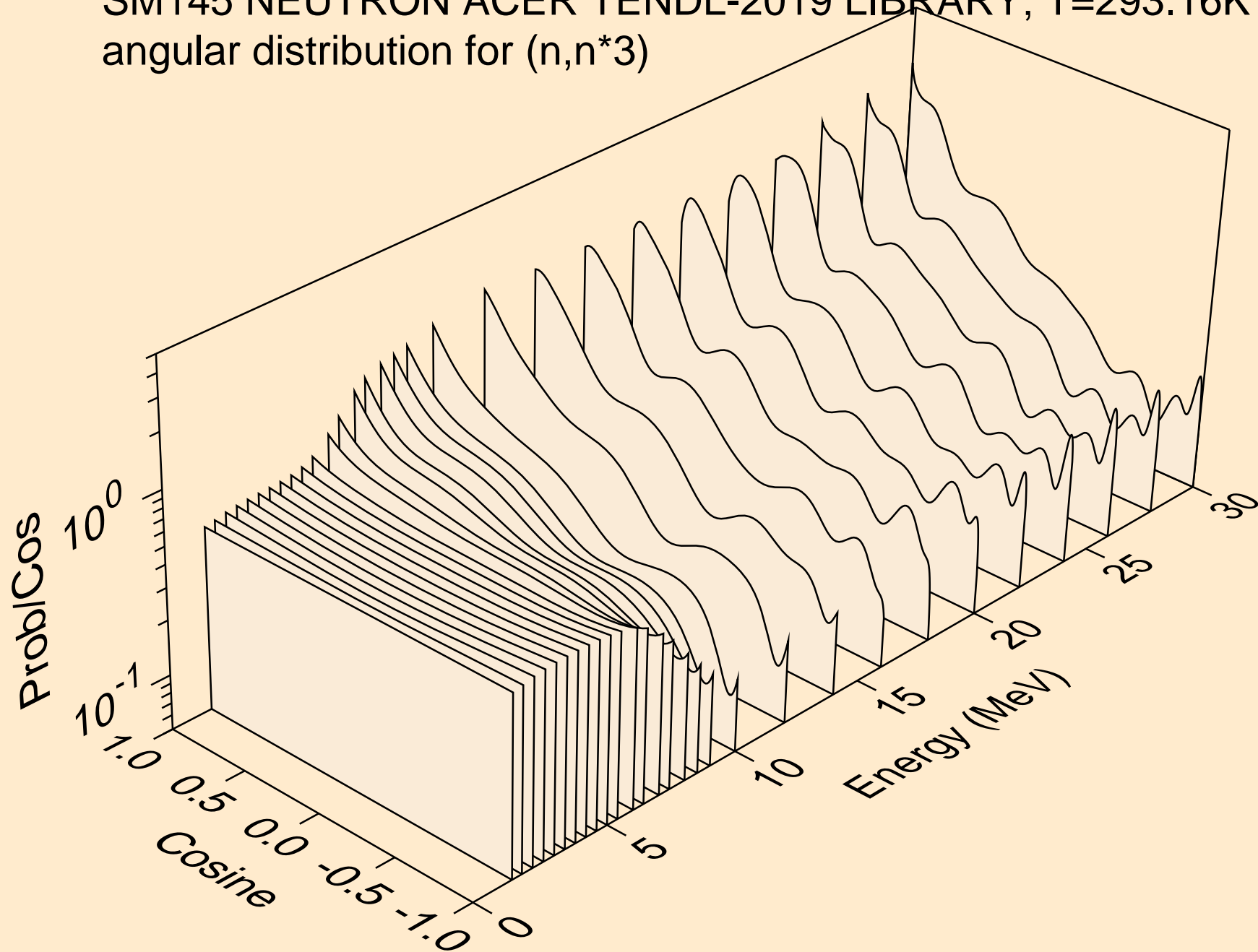
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



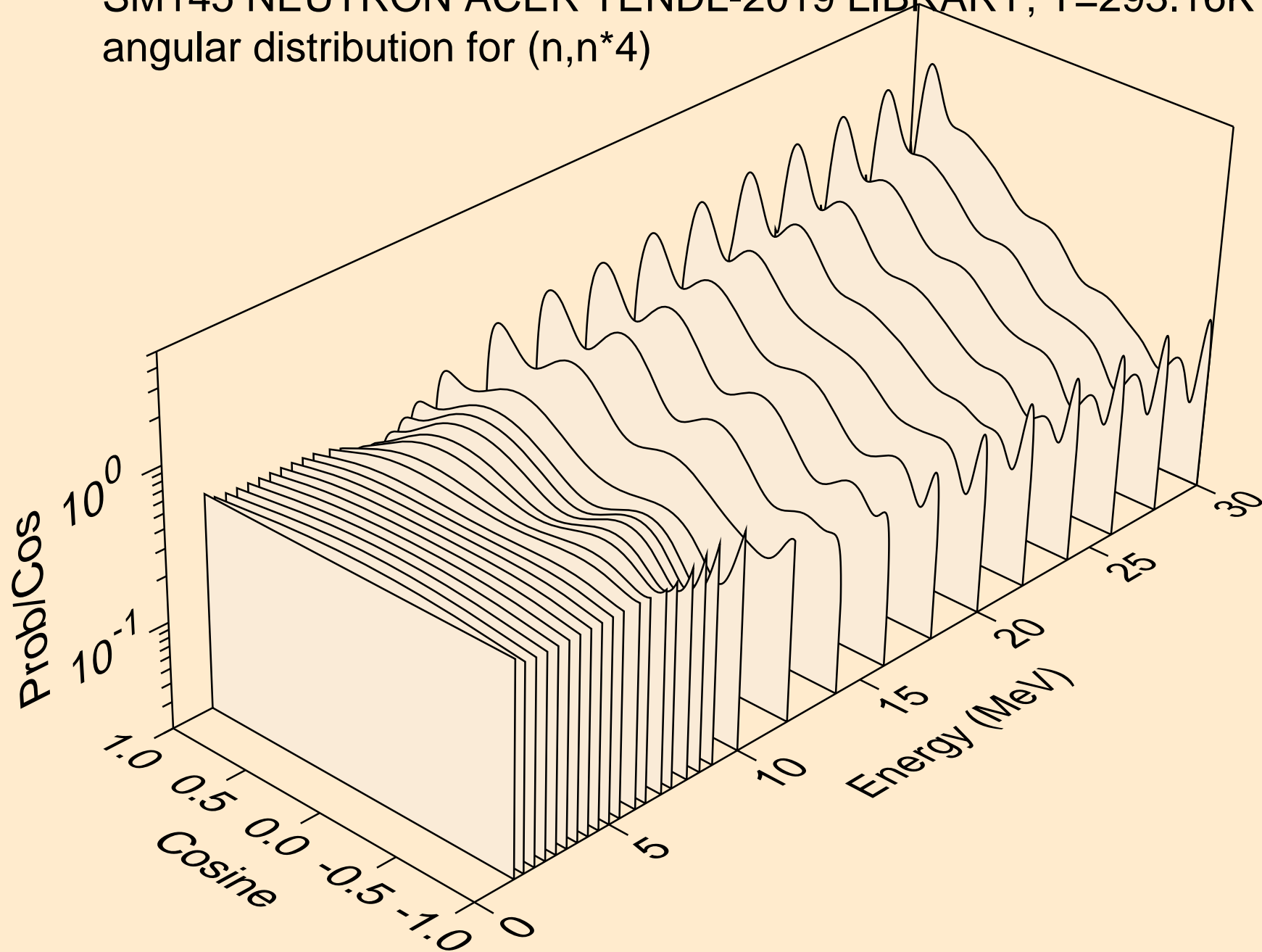
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



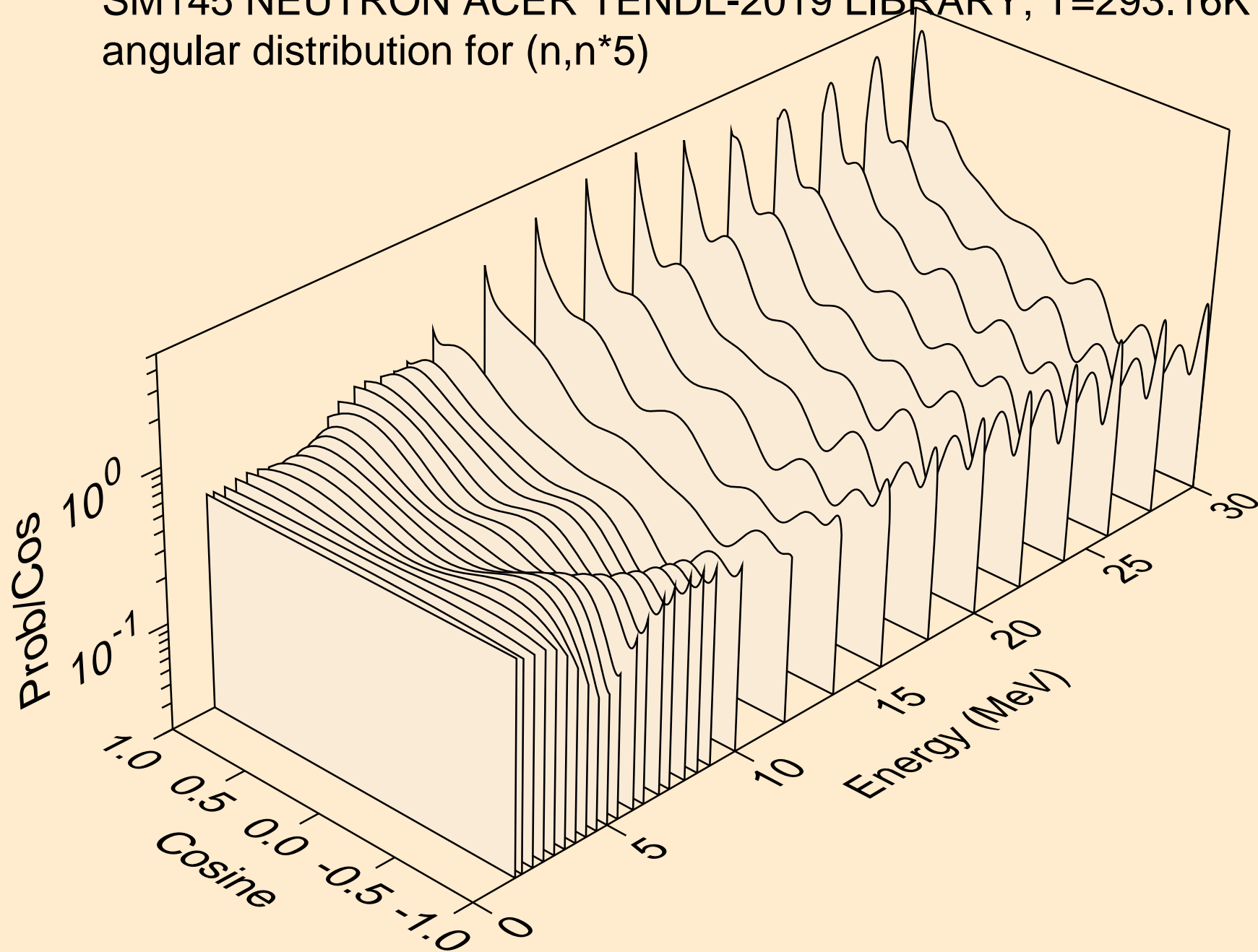
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



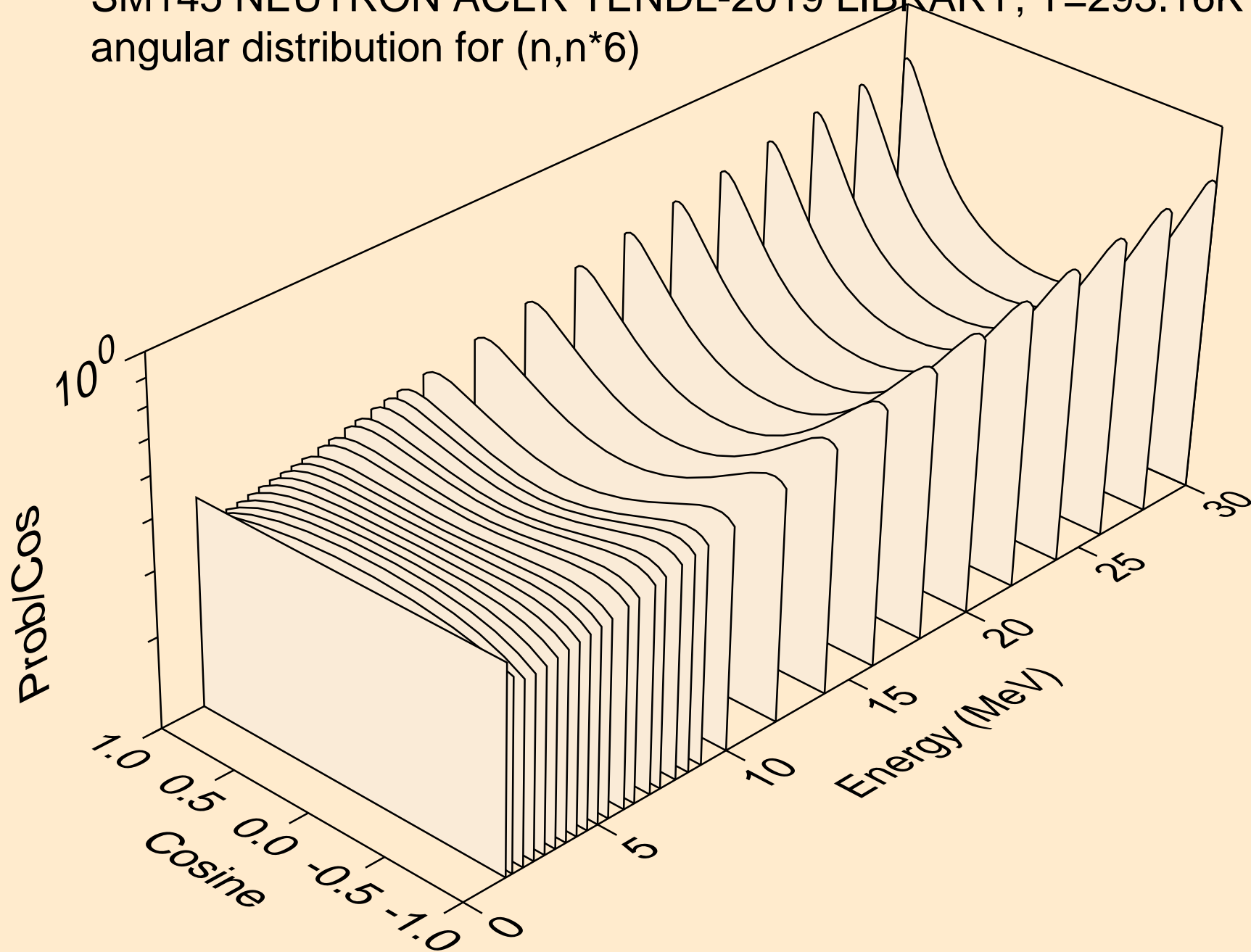
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



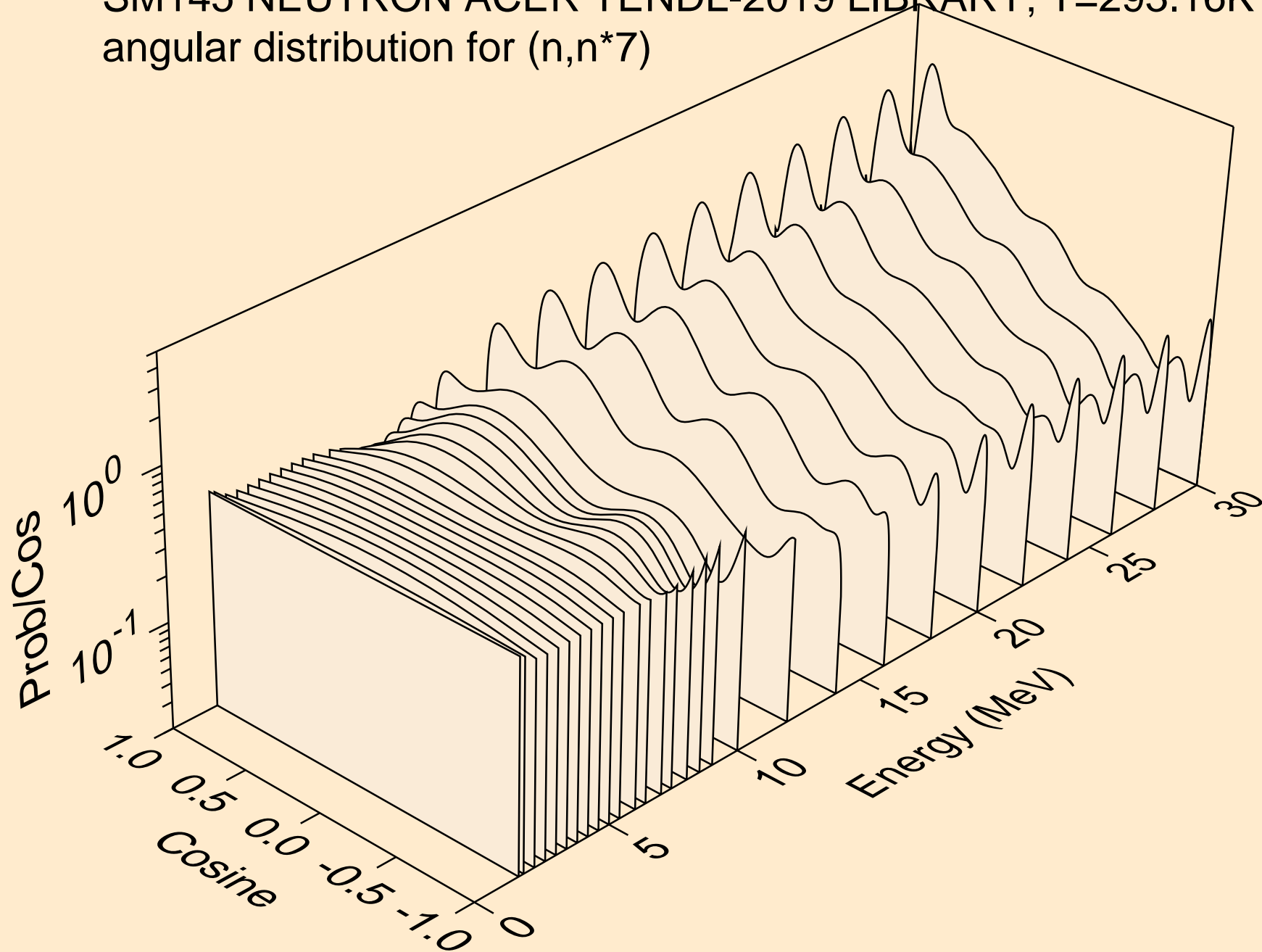
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



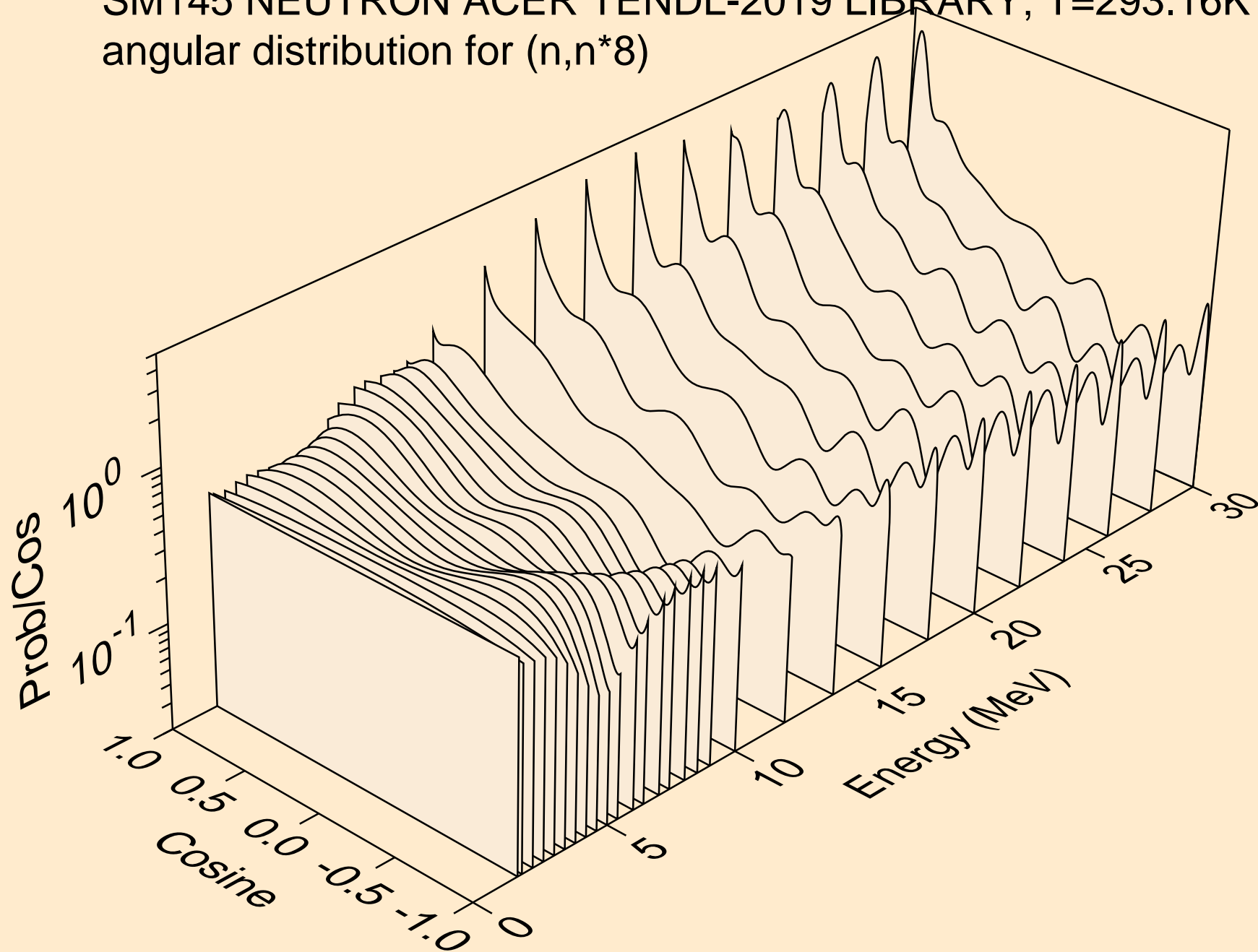
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angular distribution for (n,n*6)



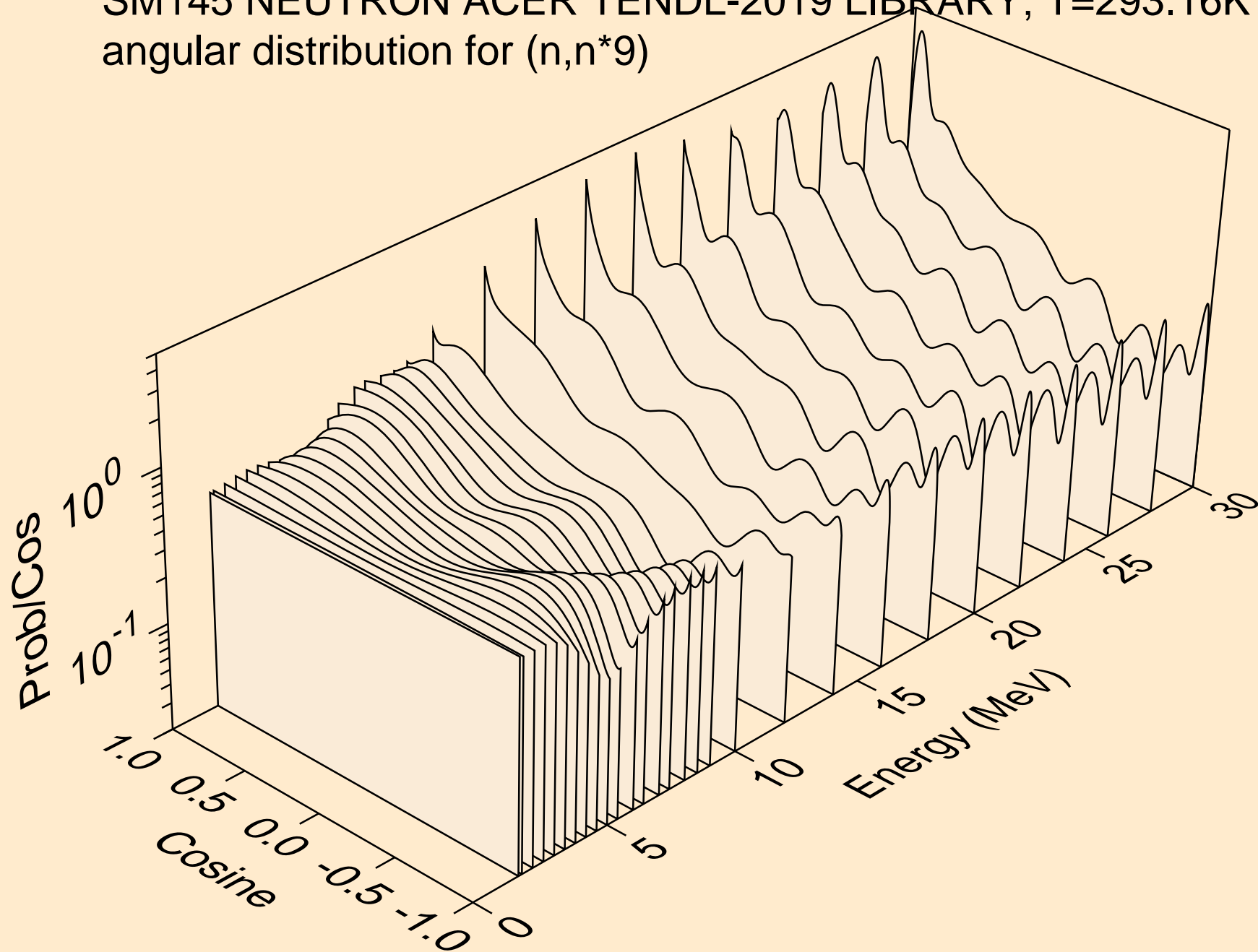
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angular distribution for (n,n*7)



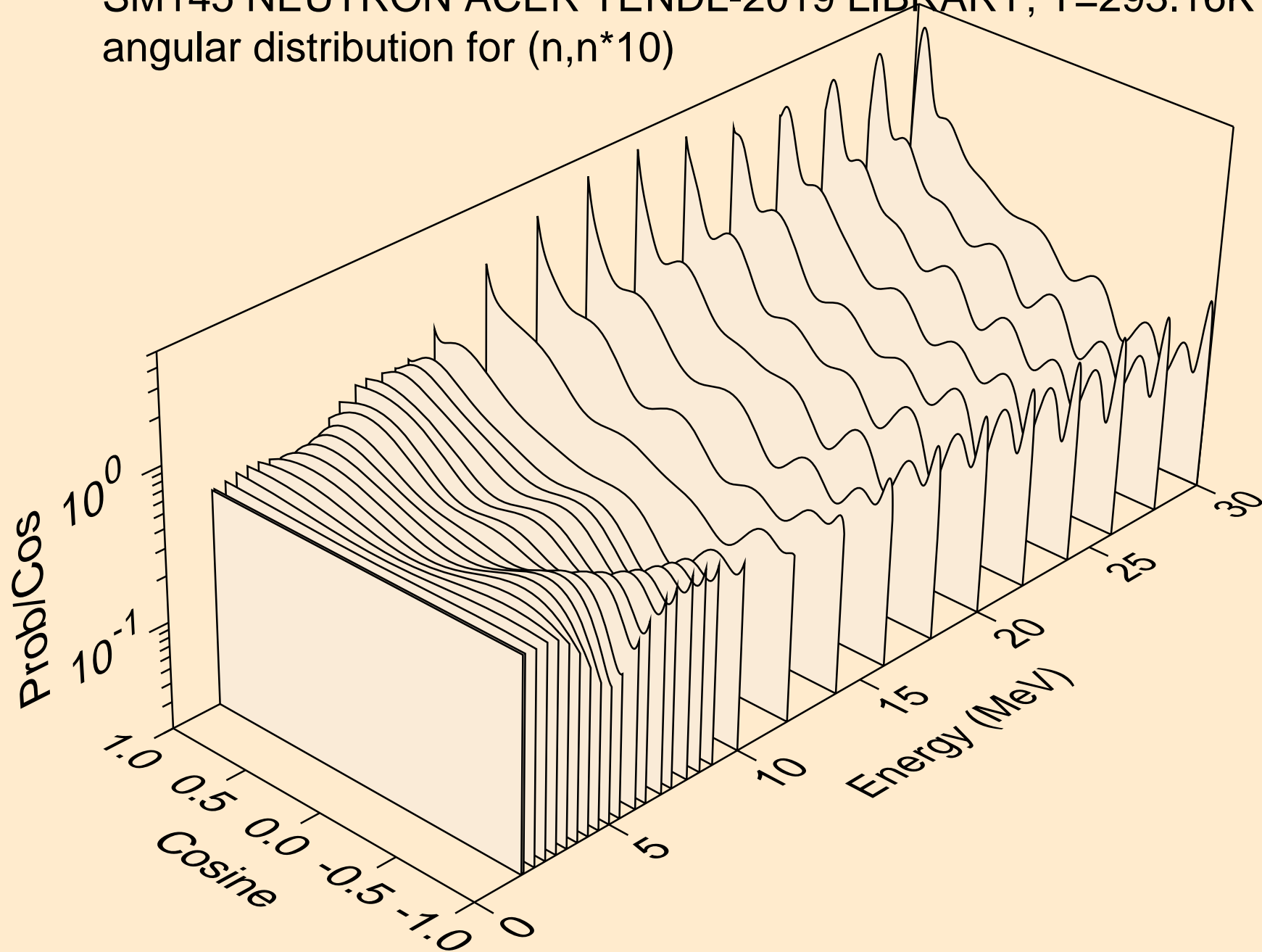
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angular distribution for (n,n*8)



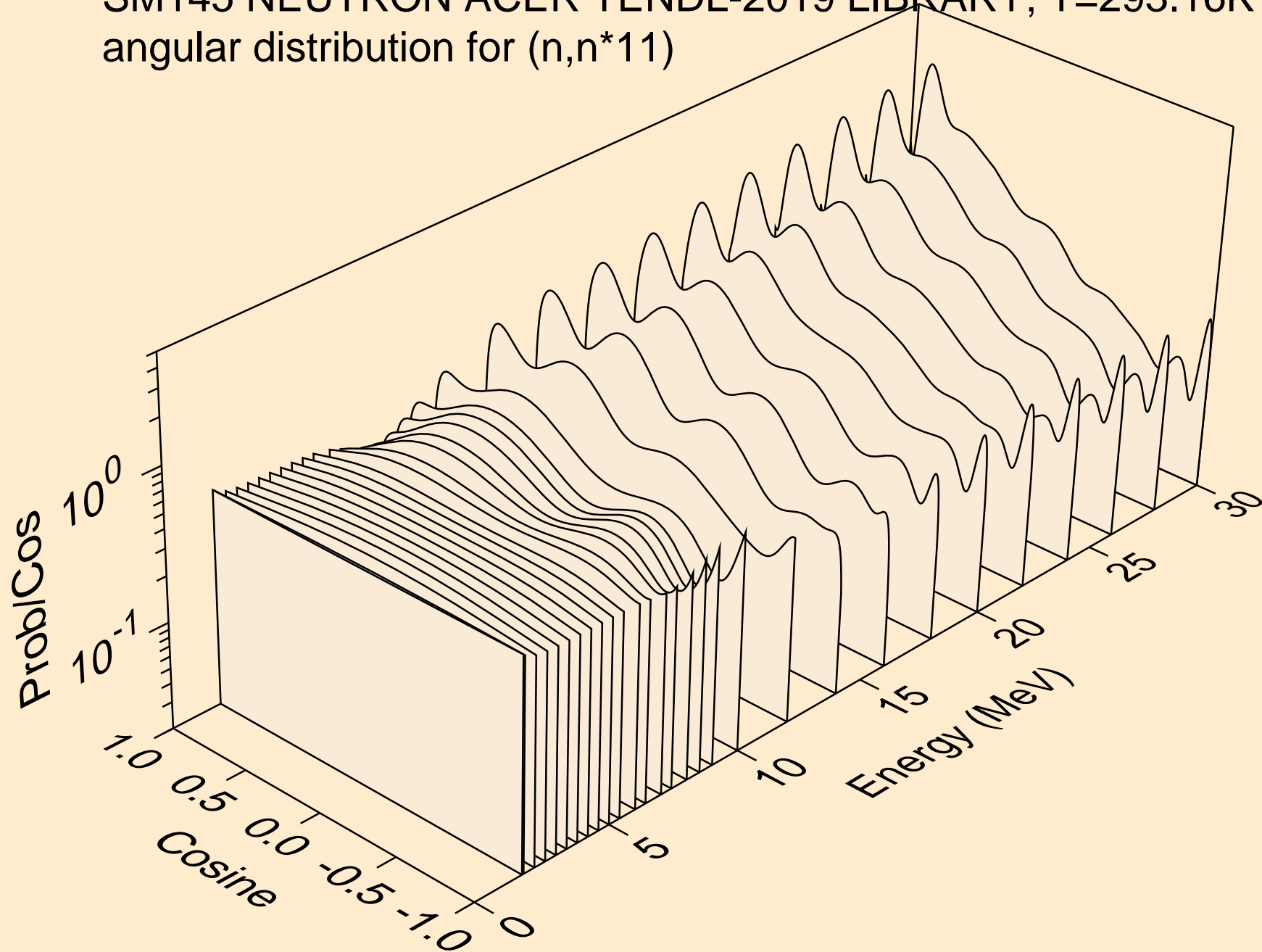
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angular distribution for (n,n*9)



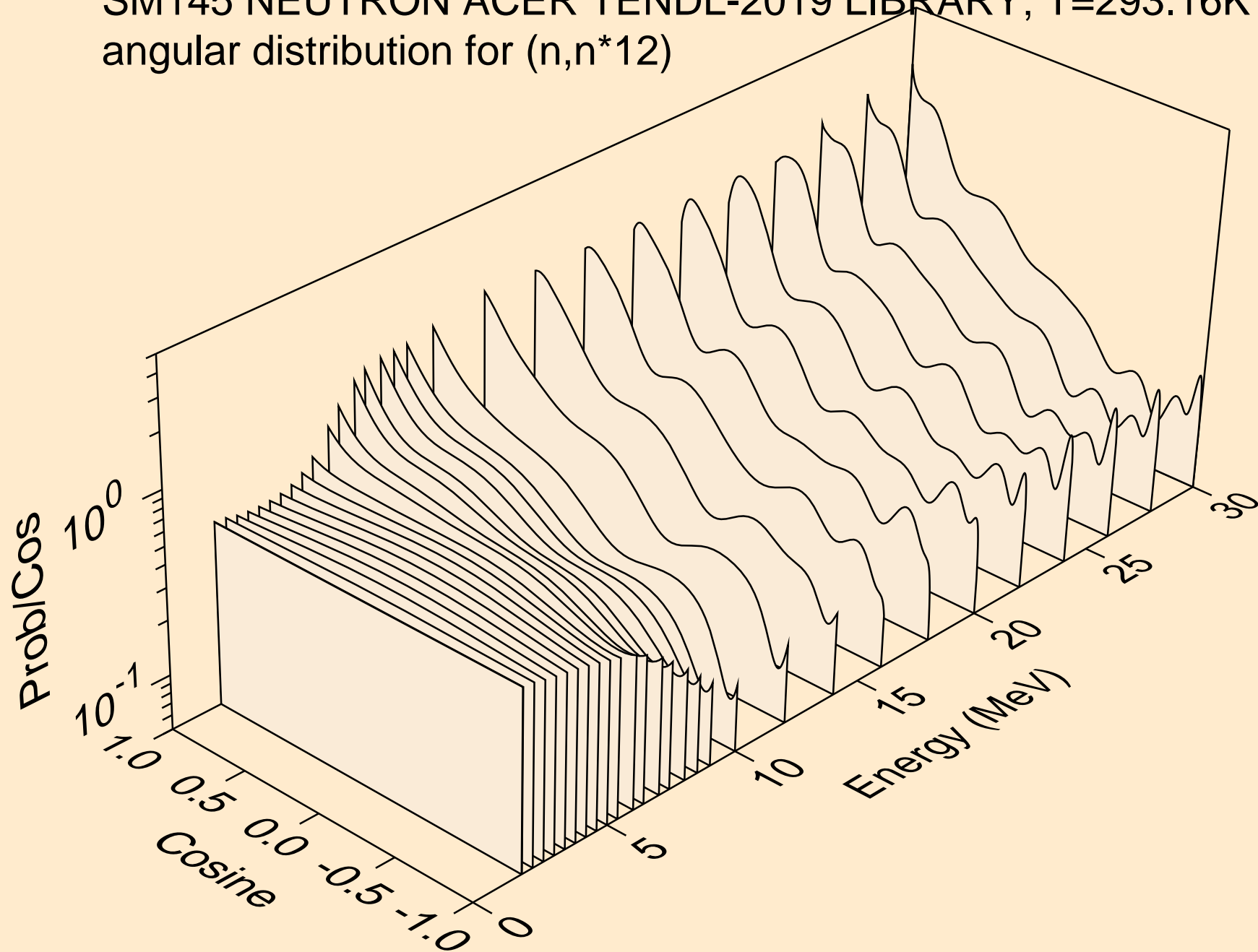
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angular distribution for (n,n*10)



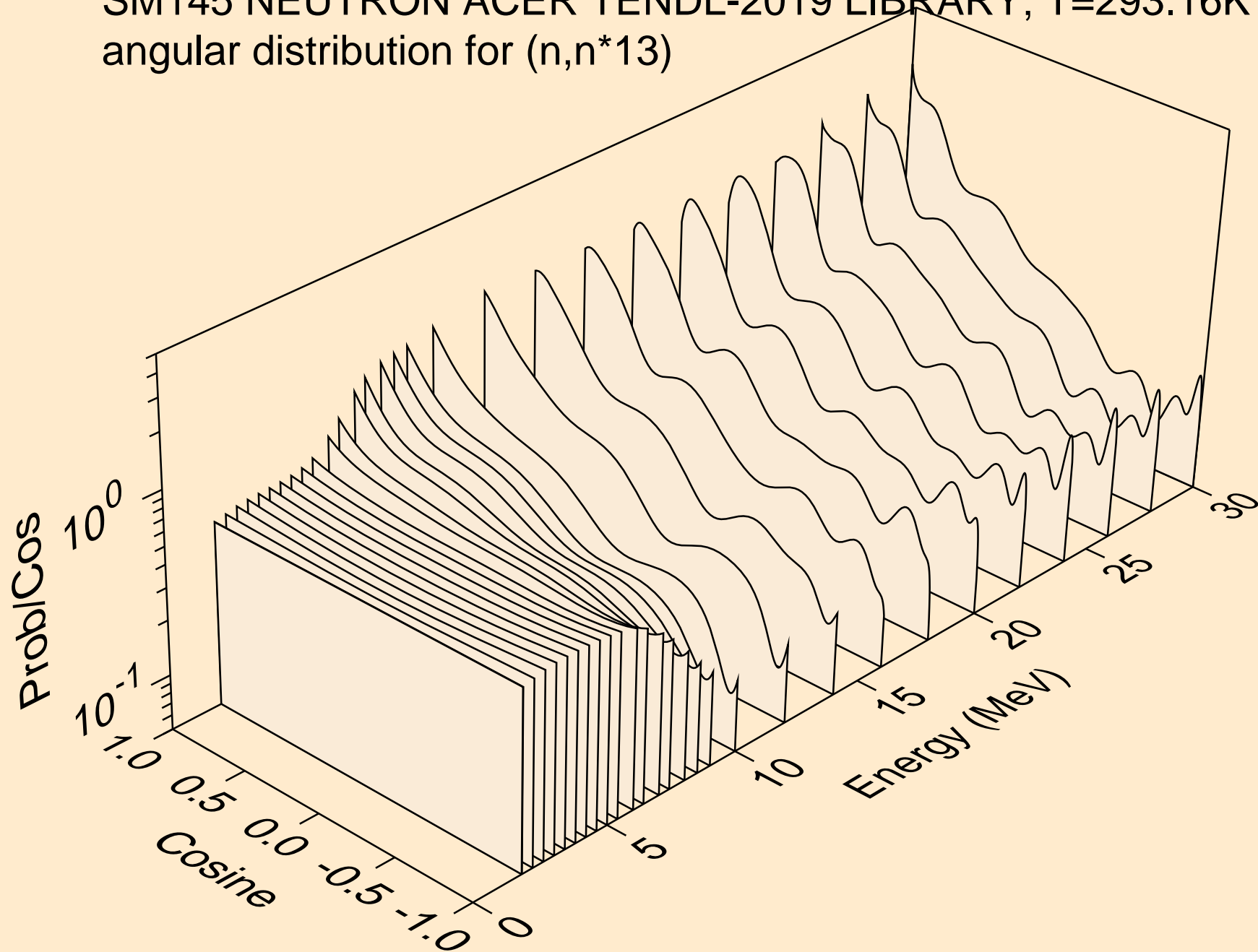
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



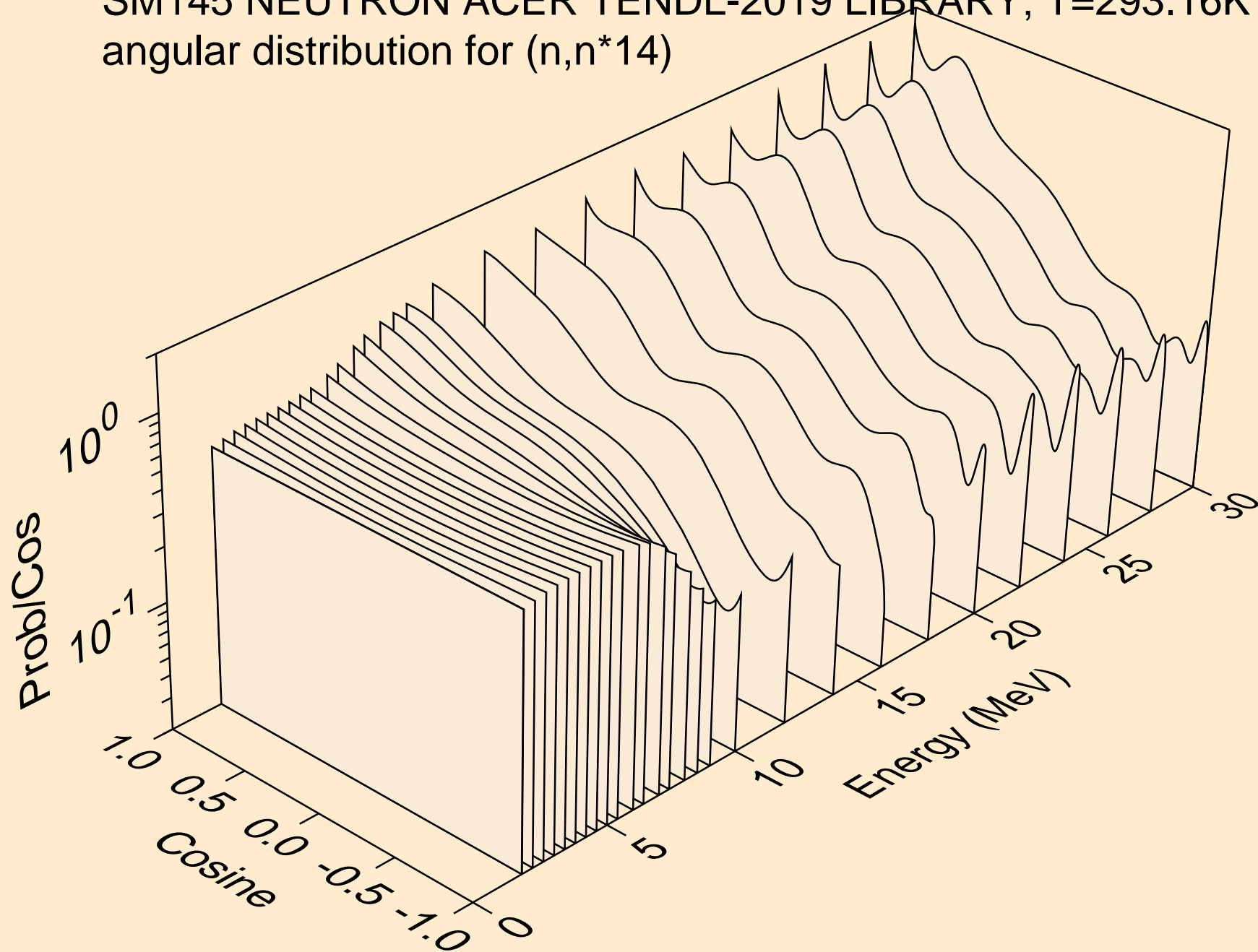
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angular distribution for (n,n*12)



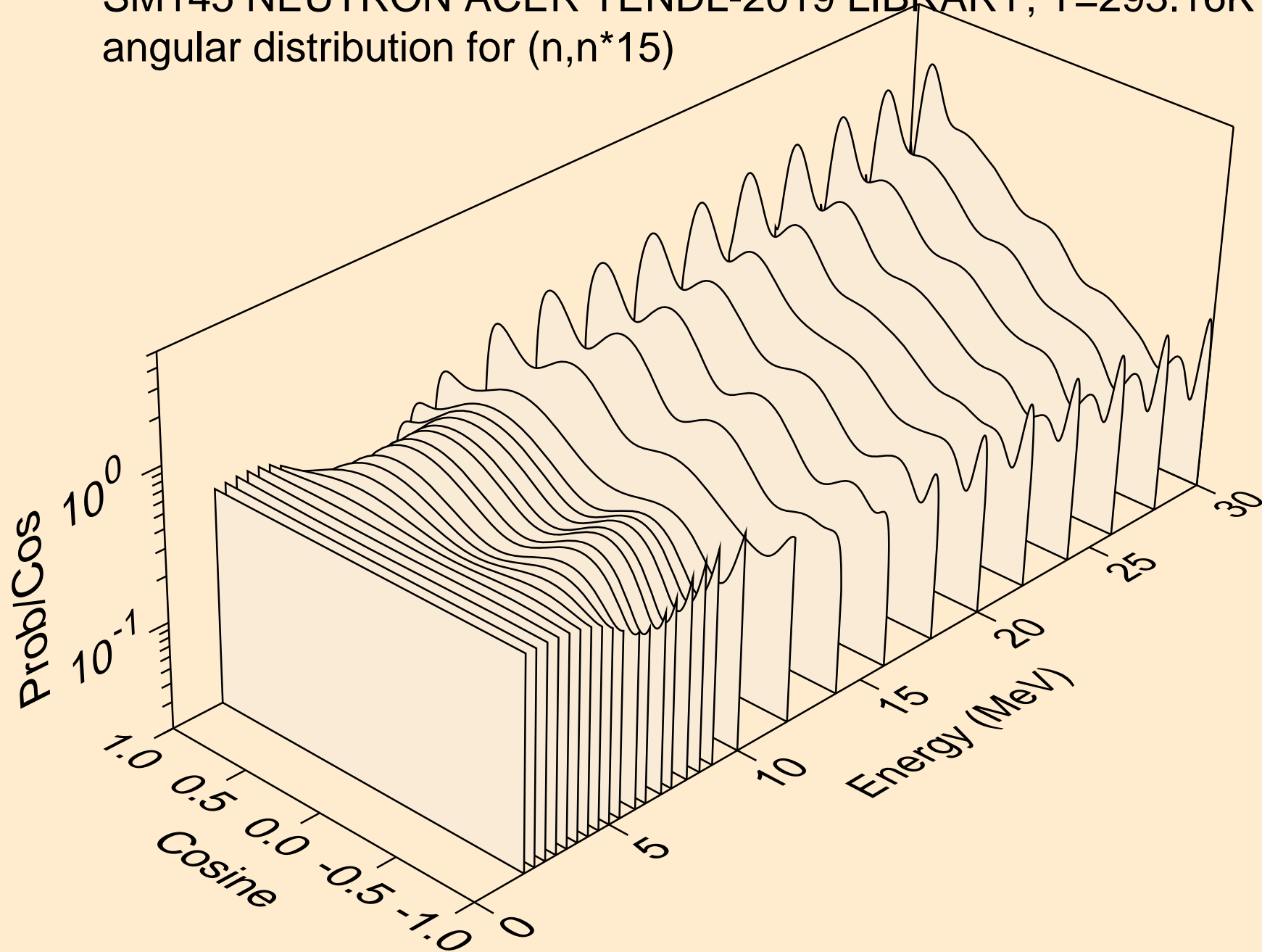
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angular distribution for (n,n*13)



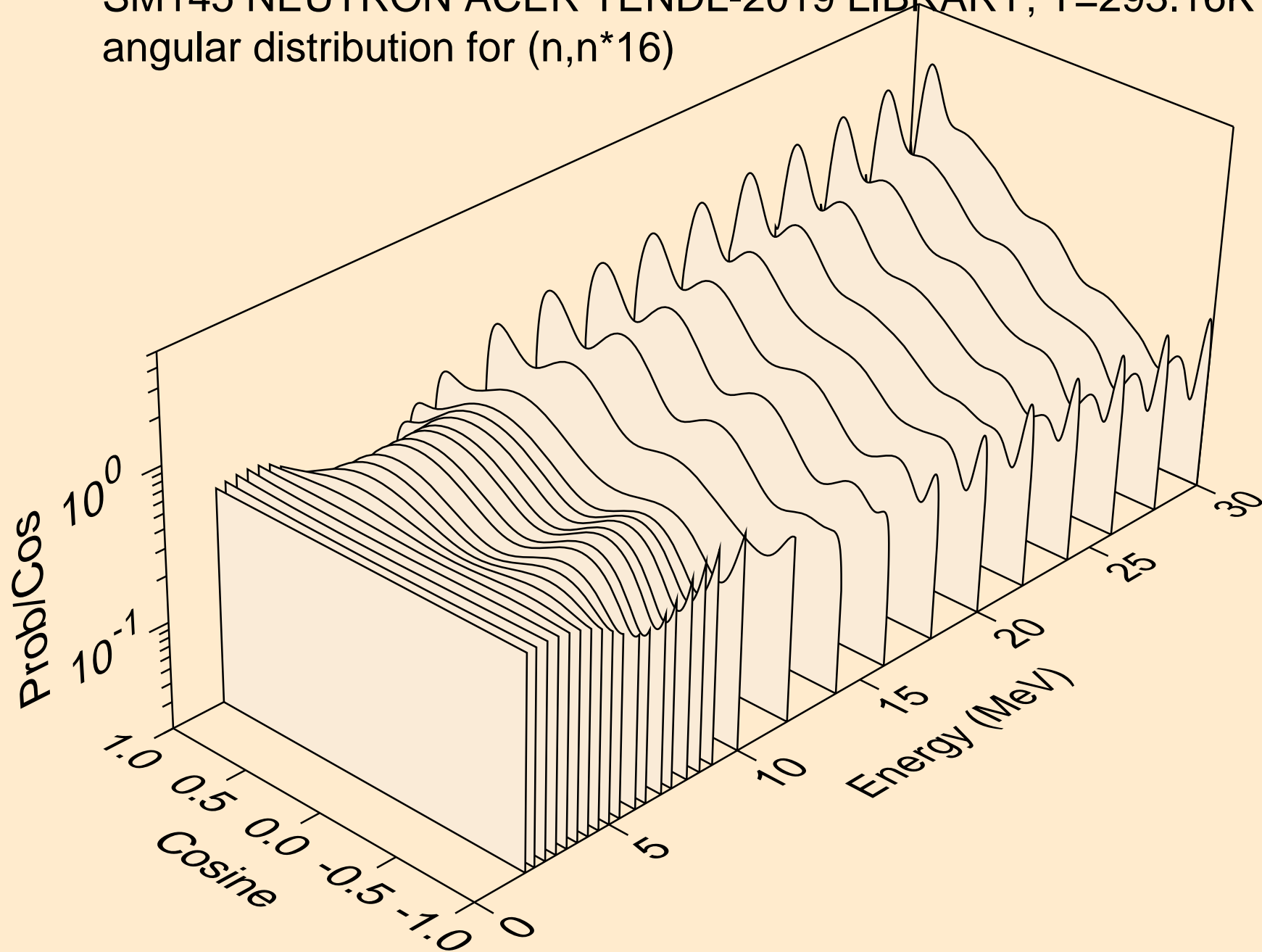
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angular distribution for (n,n*14)



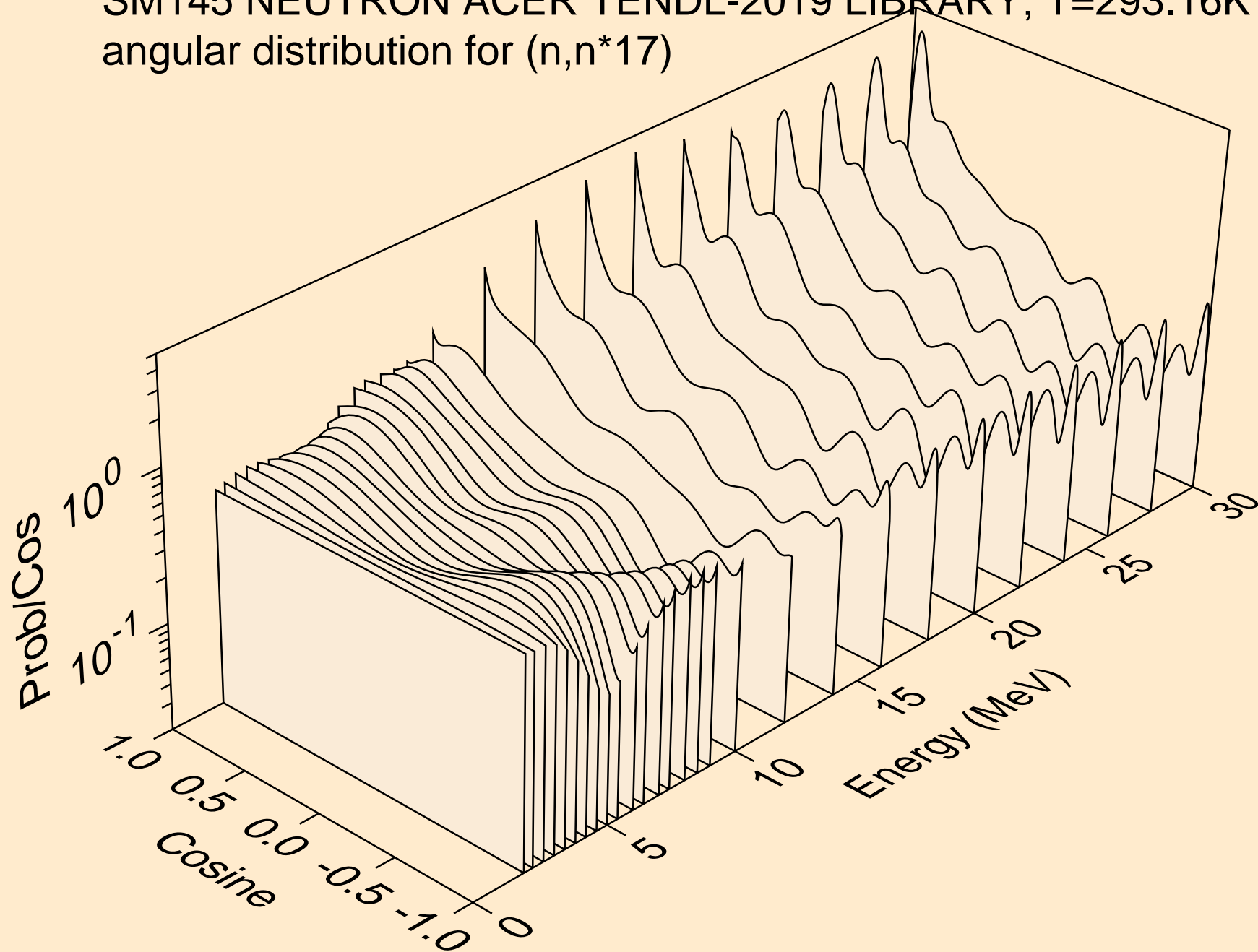
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angular distribution for (n,n*15)



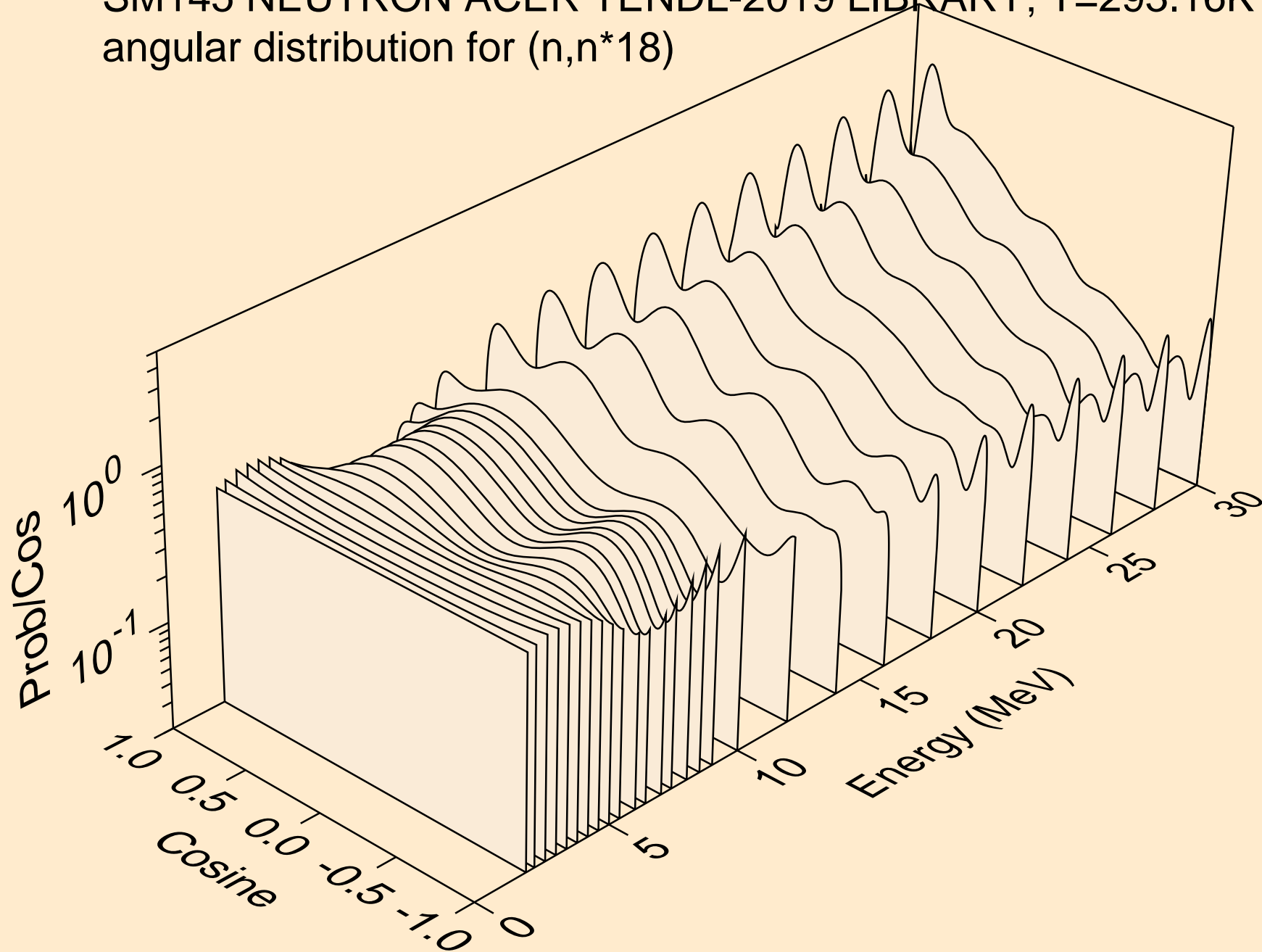
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angular distribution for (n,n*16)



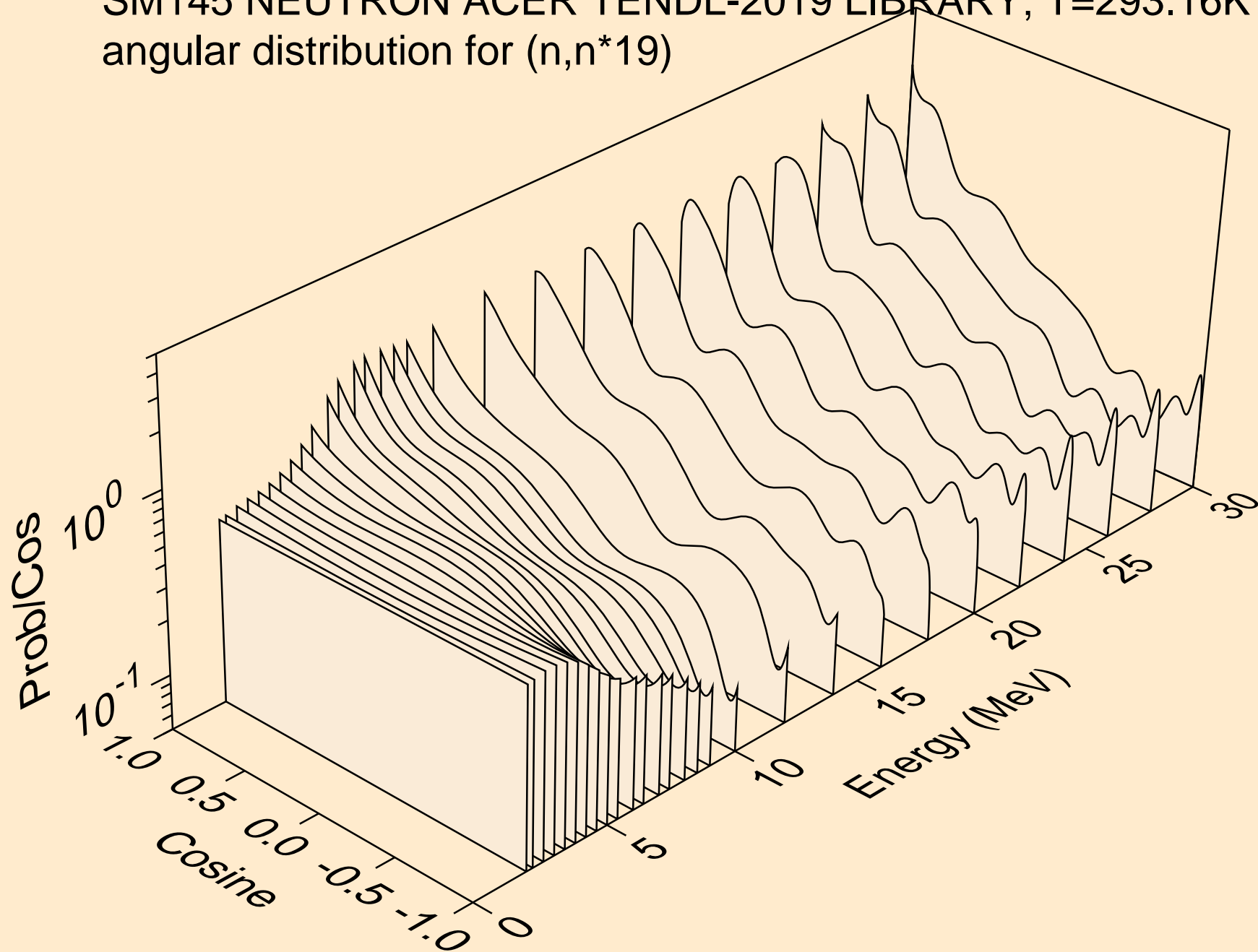
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angular distribution for (n,n*17)



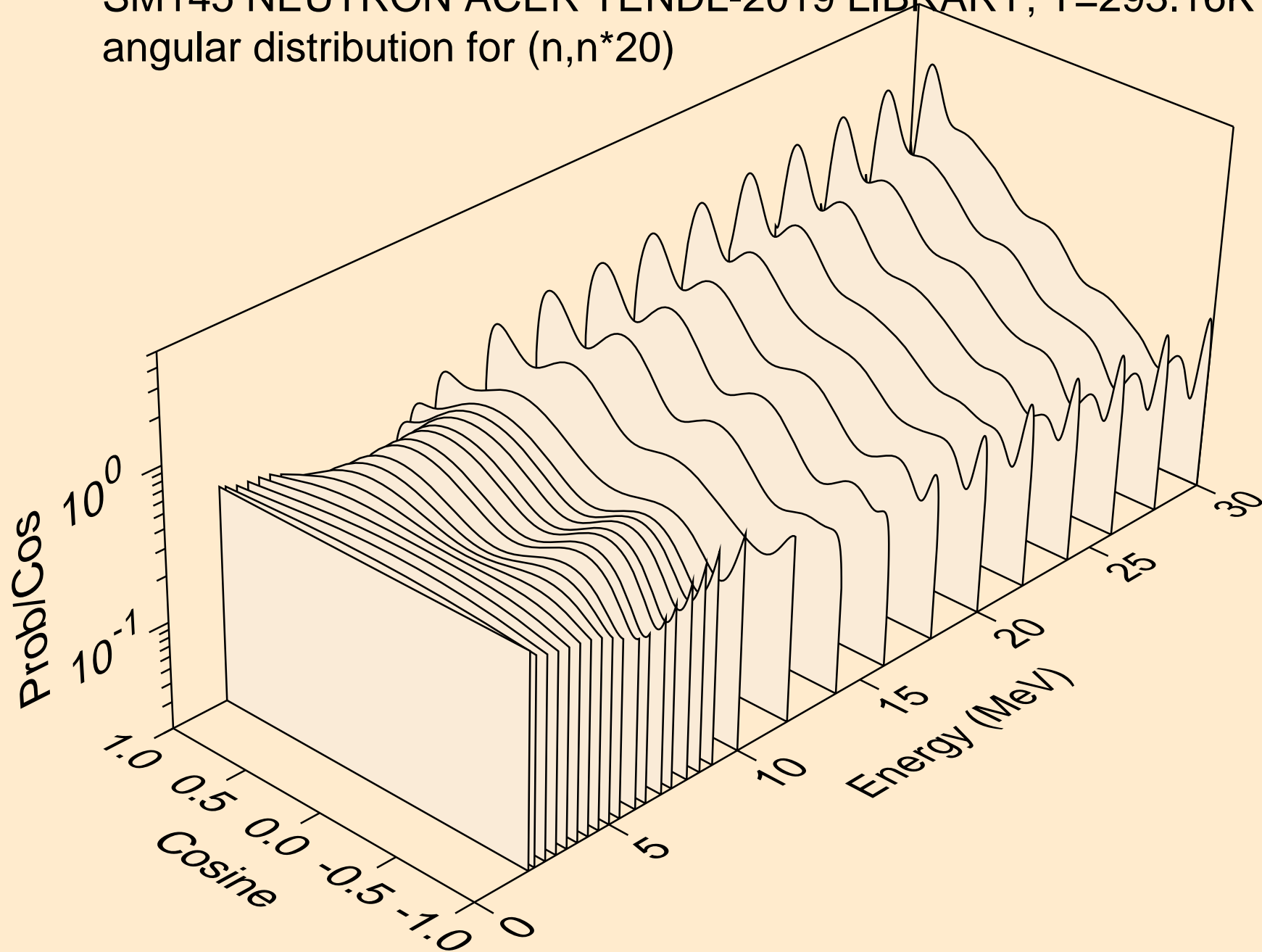
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angular distribution for (n,n*18)



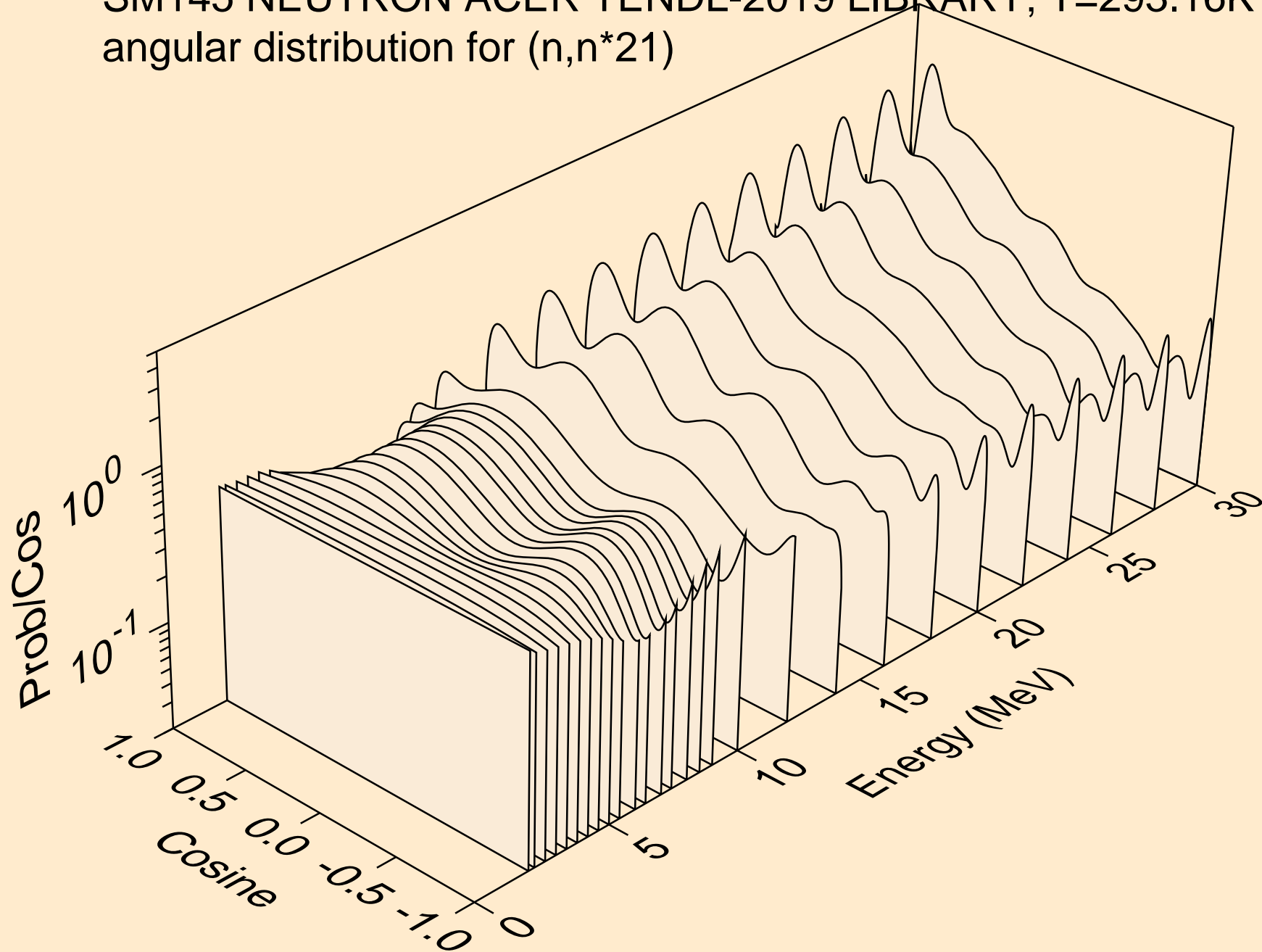
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



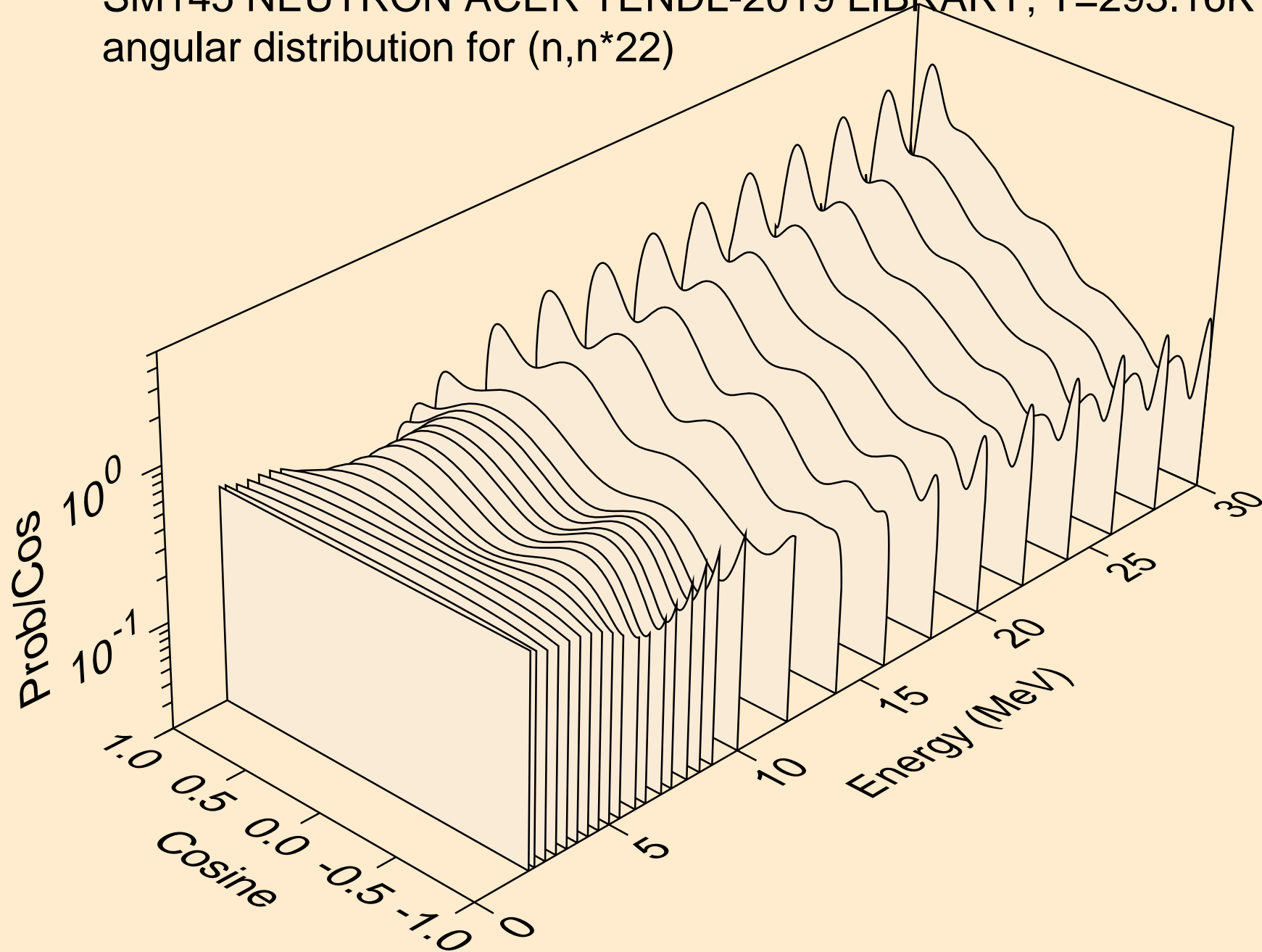
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angular distribution for (n,n*20)



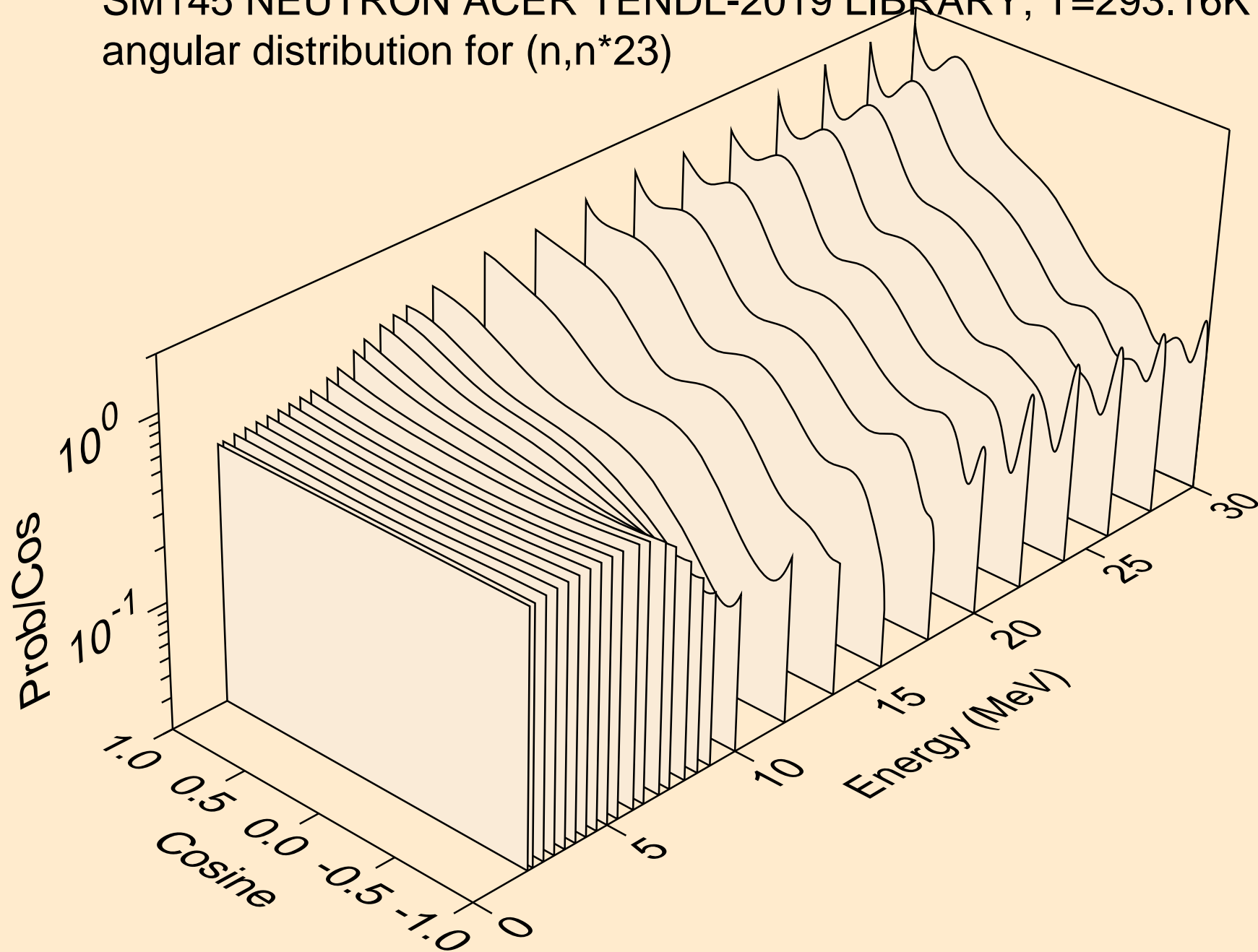
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angular distribution for (n,n*21)



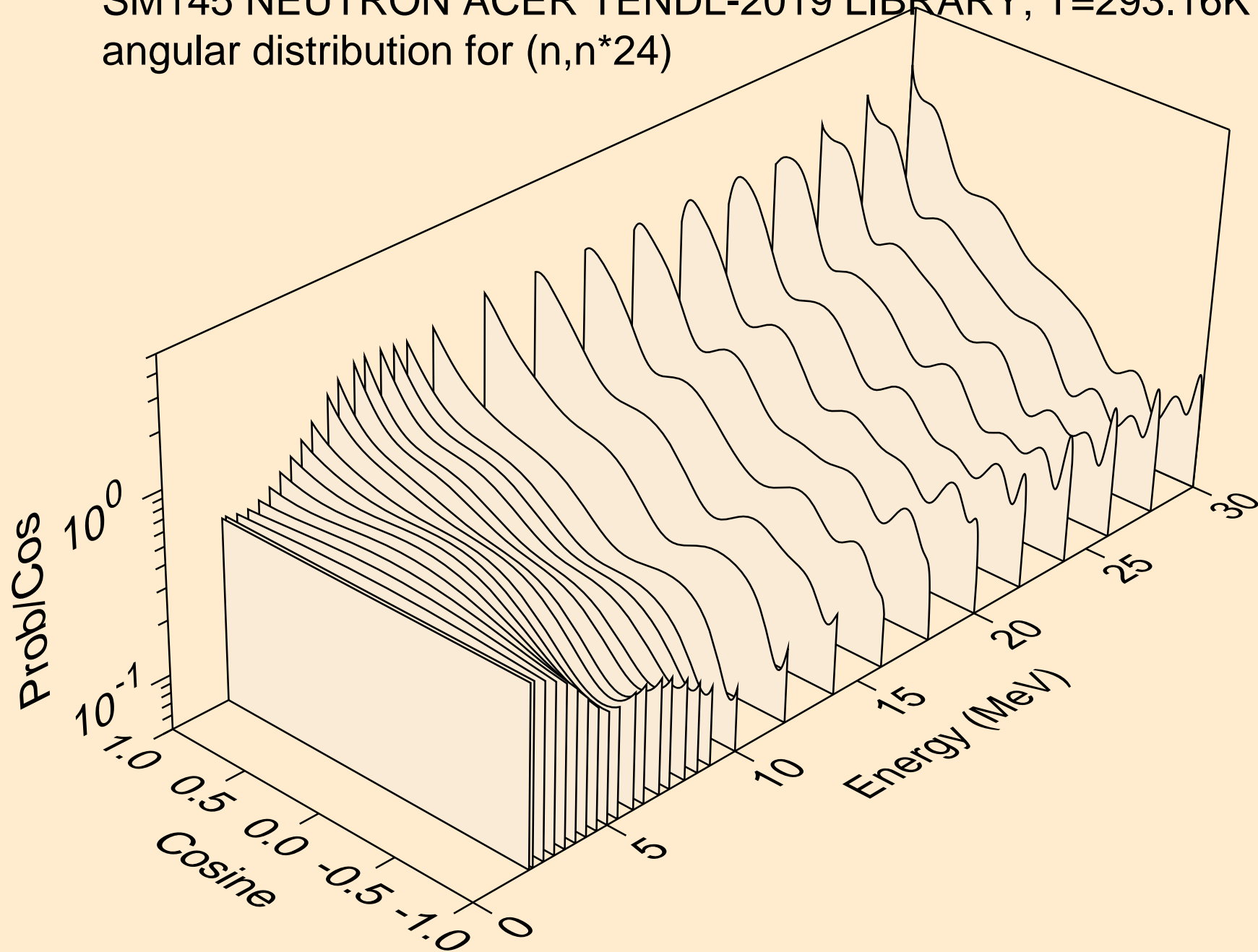
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angular distribution for (n,n*22)



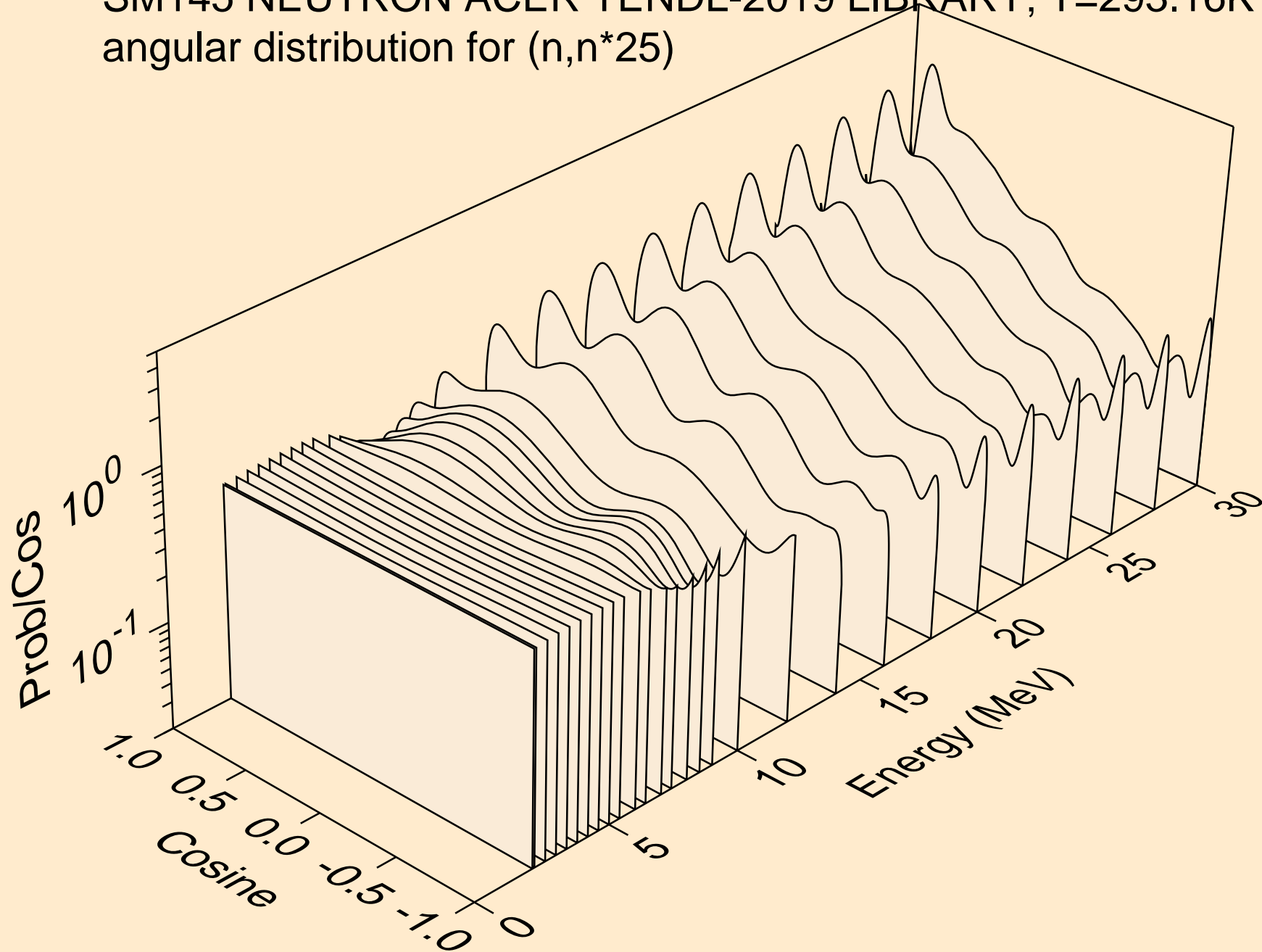
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*23)



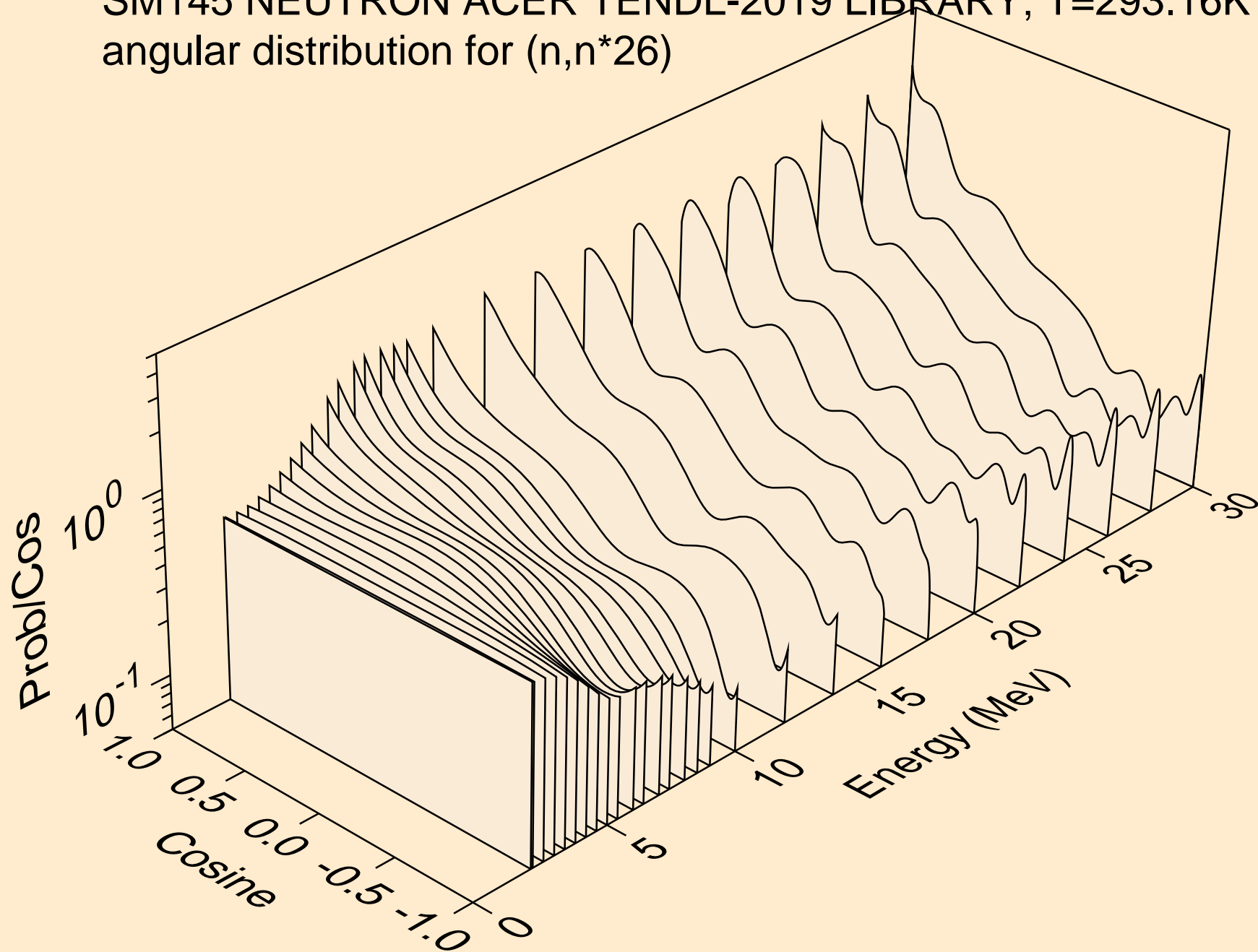
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*24)



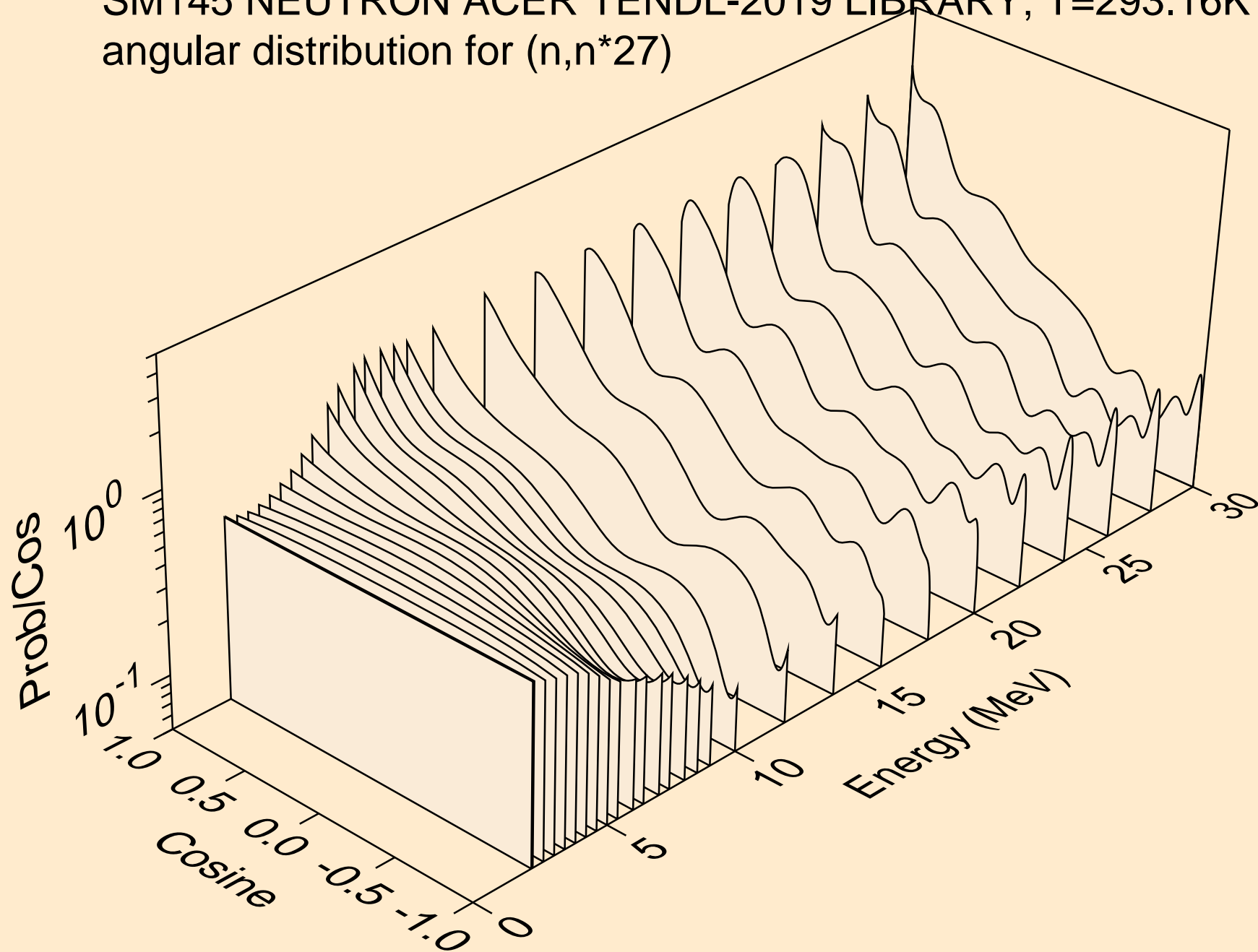
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



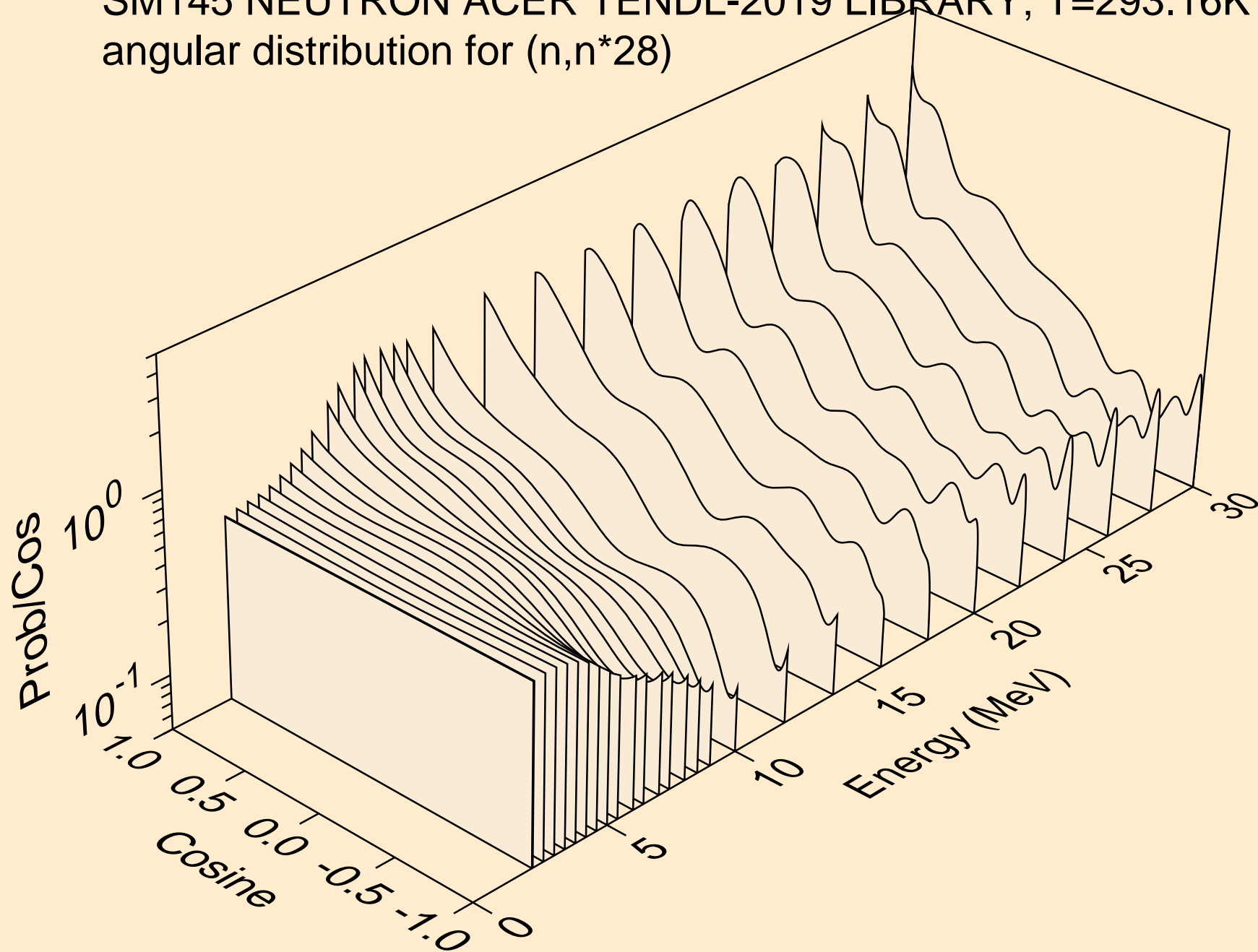
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*26)



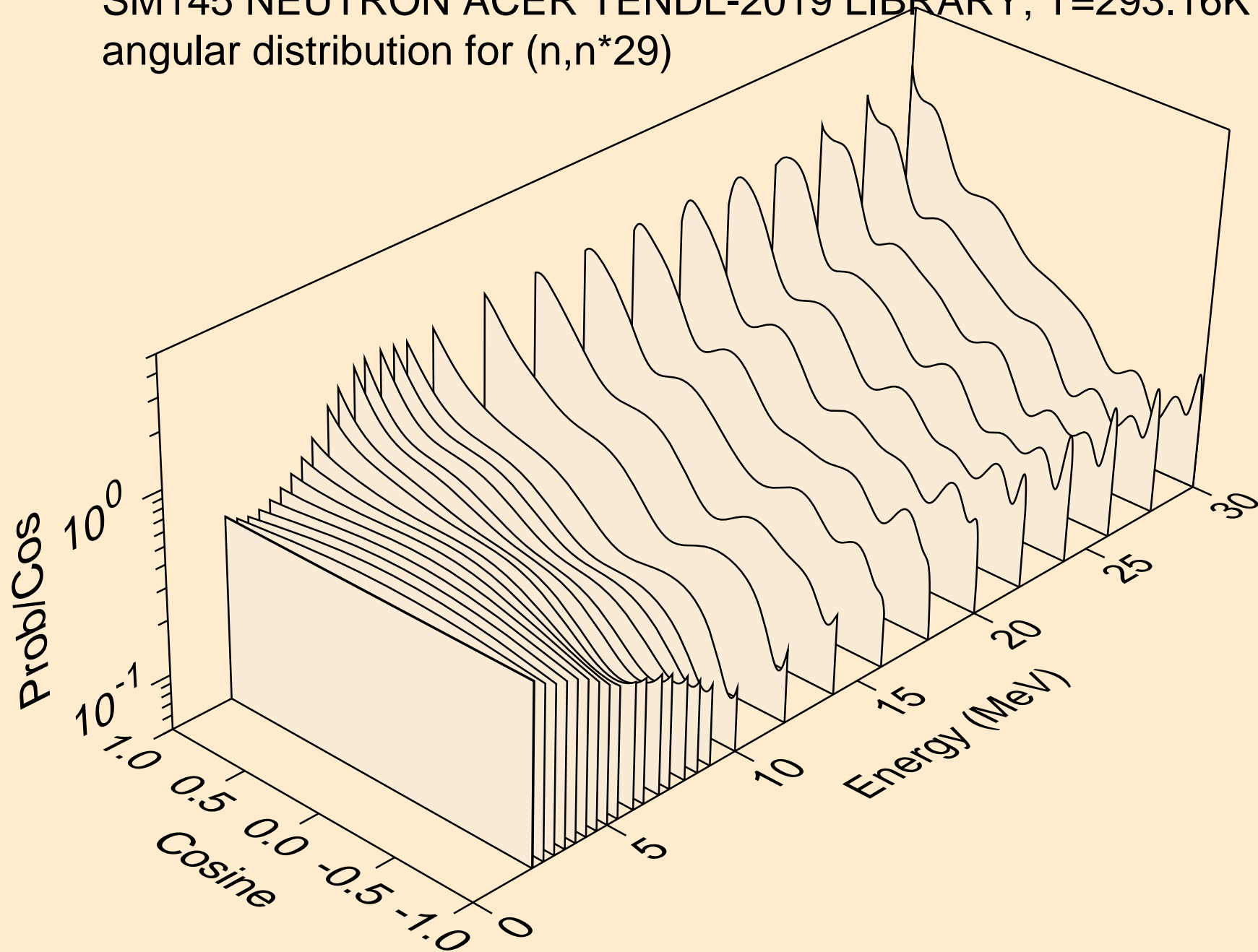
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*27)



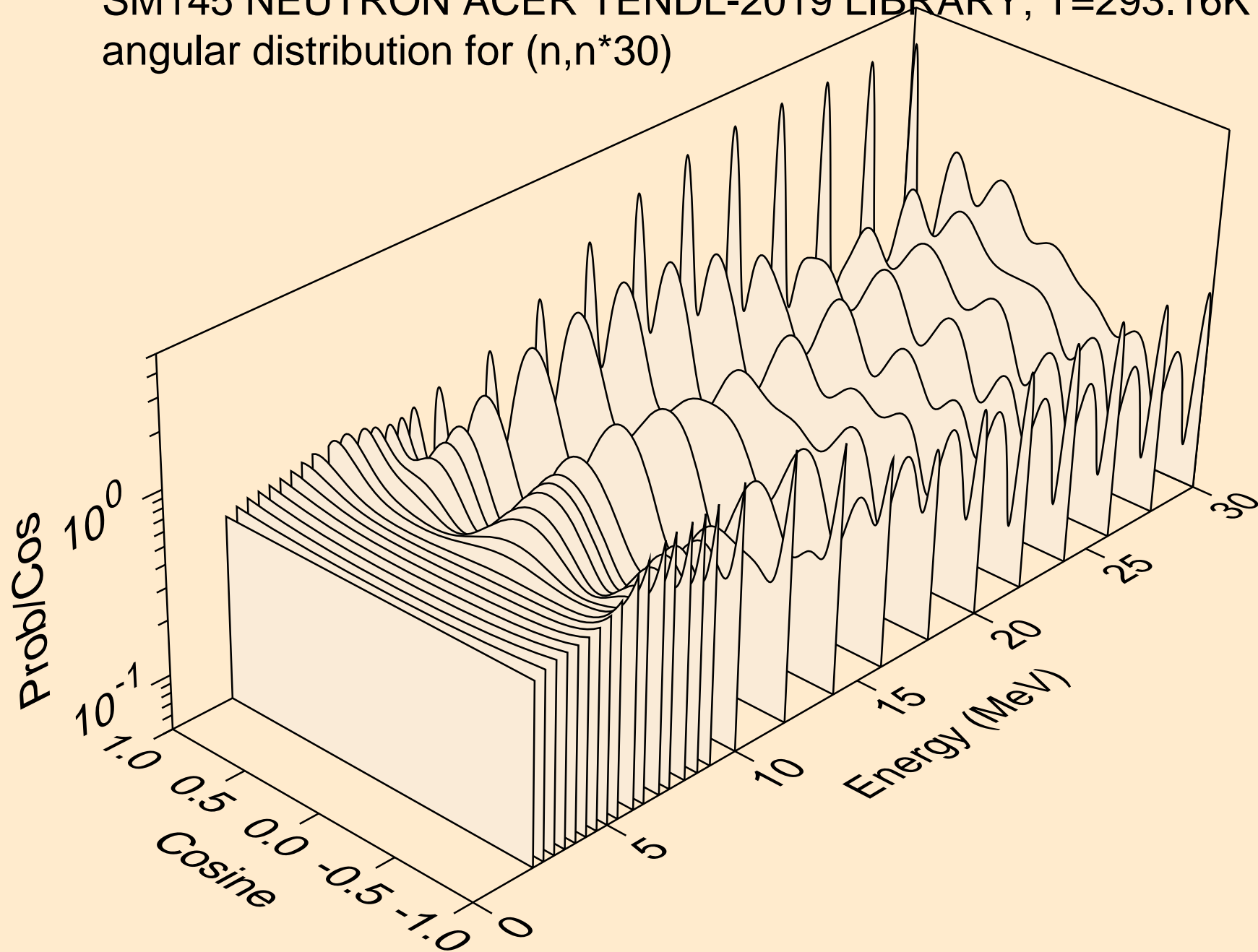
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*28)



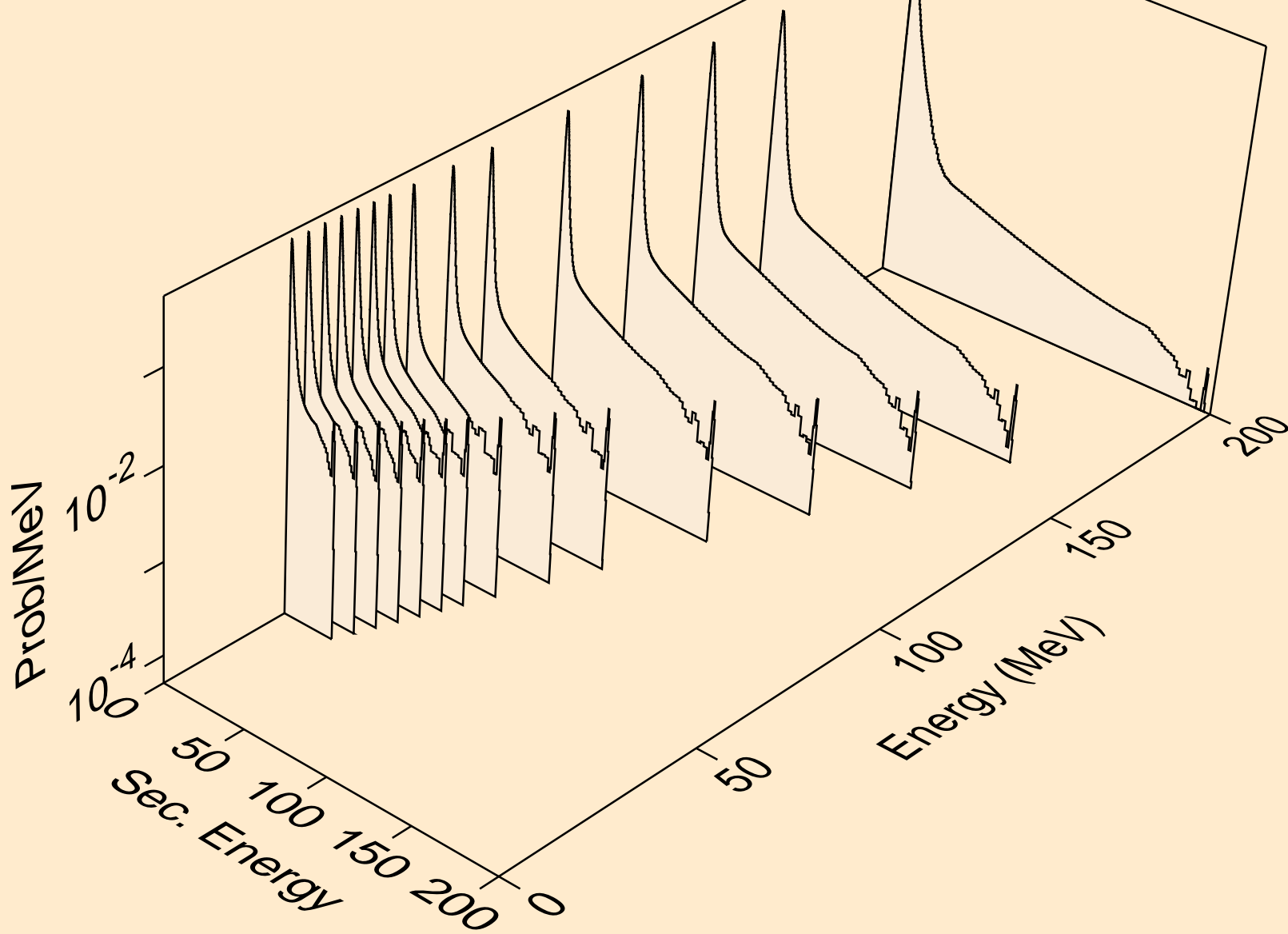
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*29)



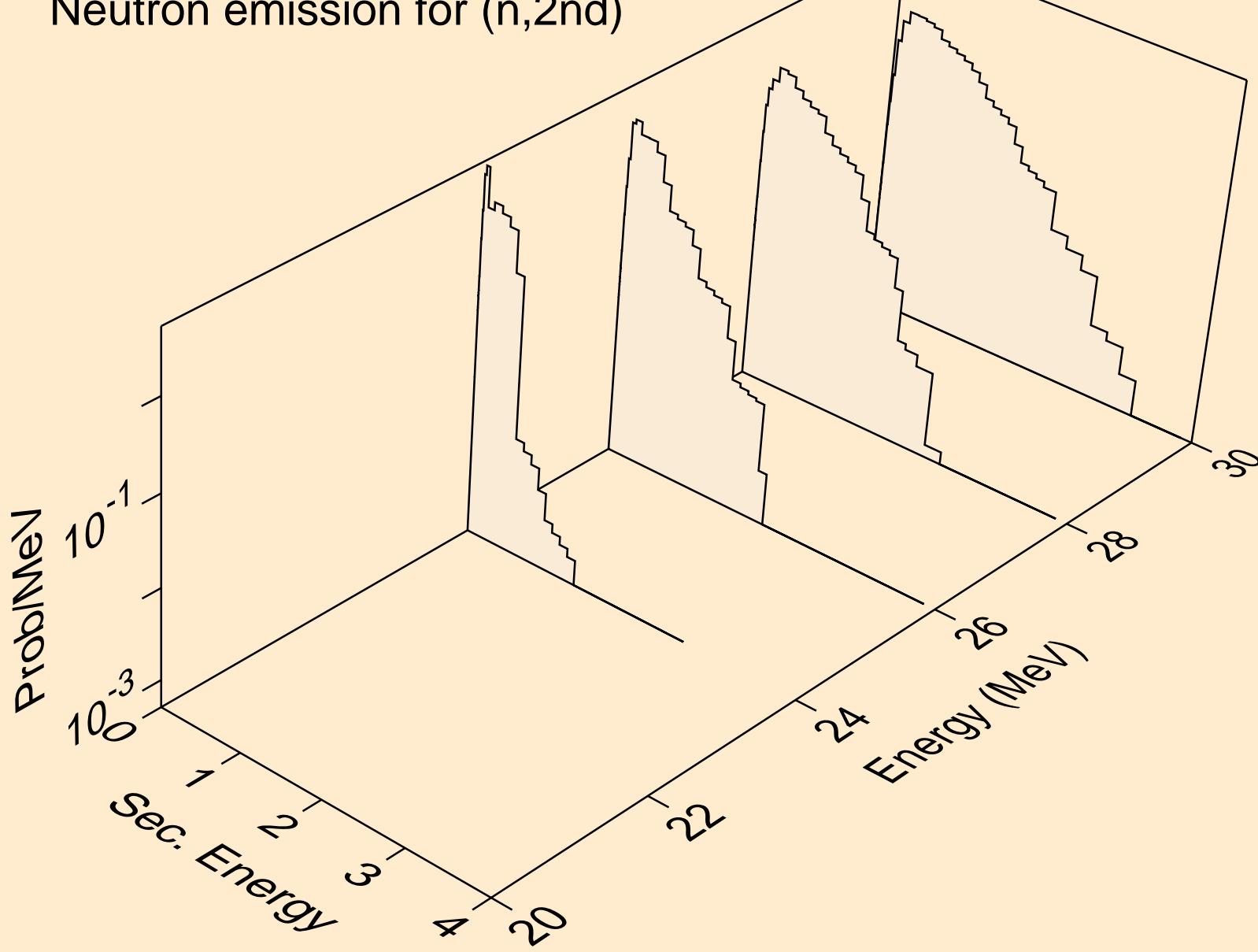
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*30)



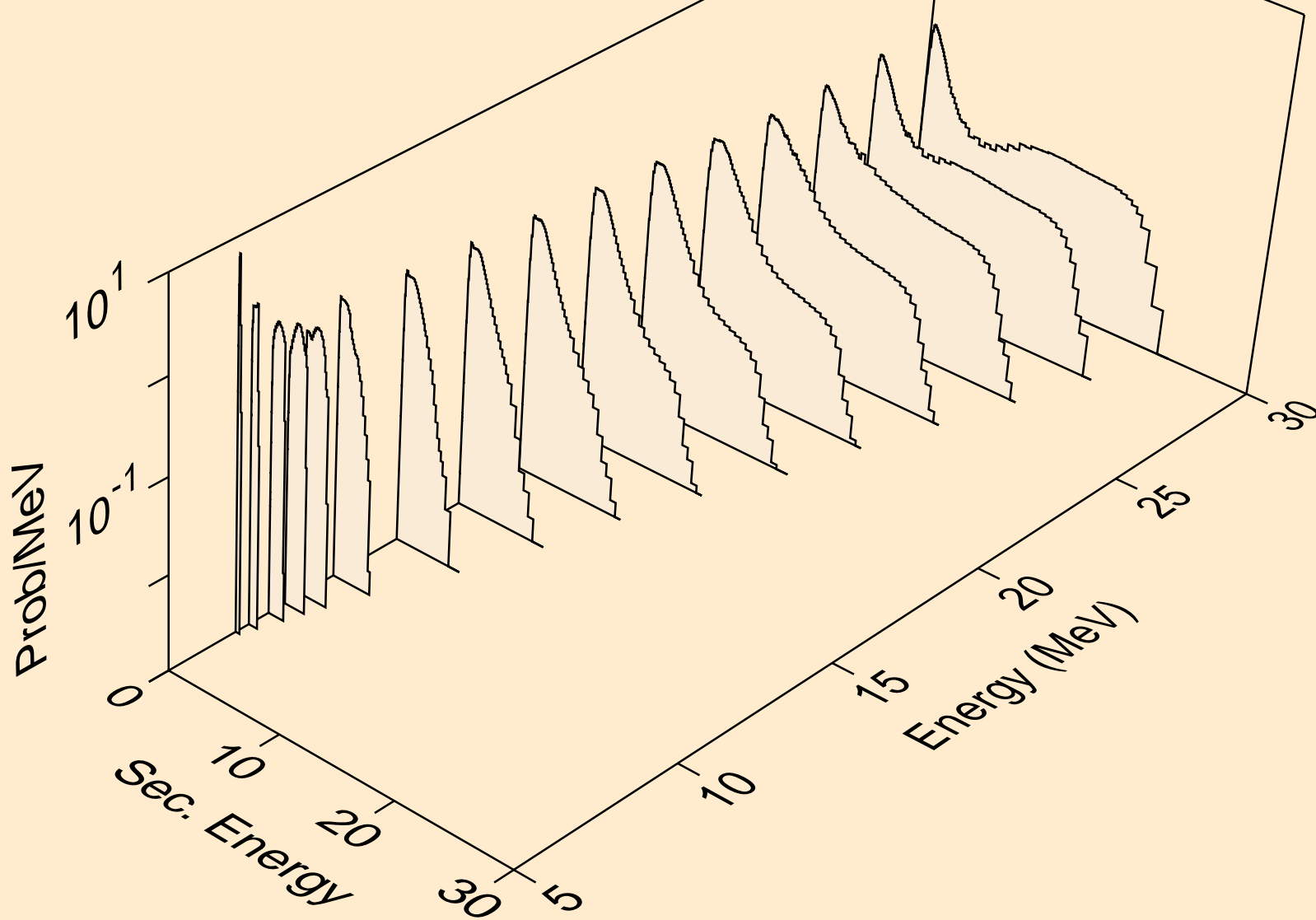
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



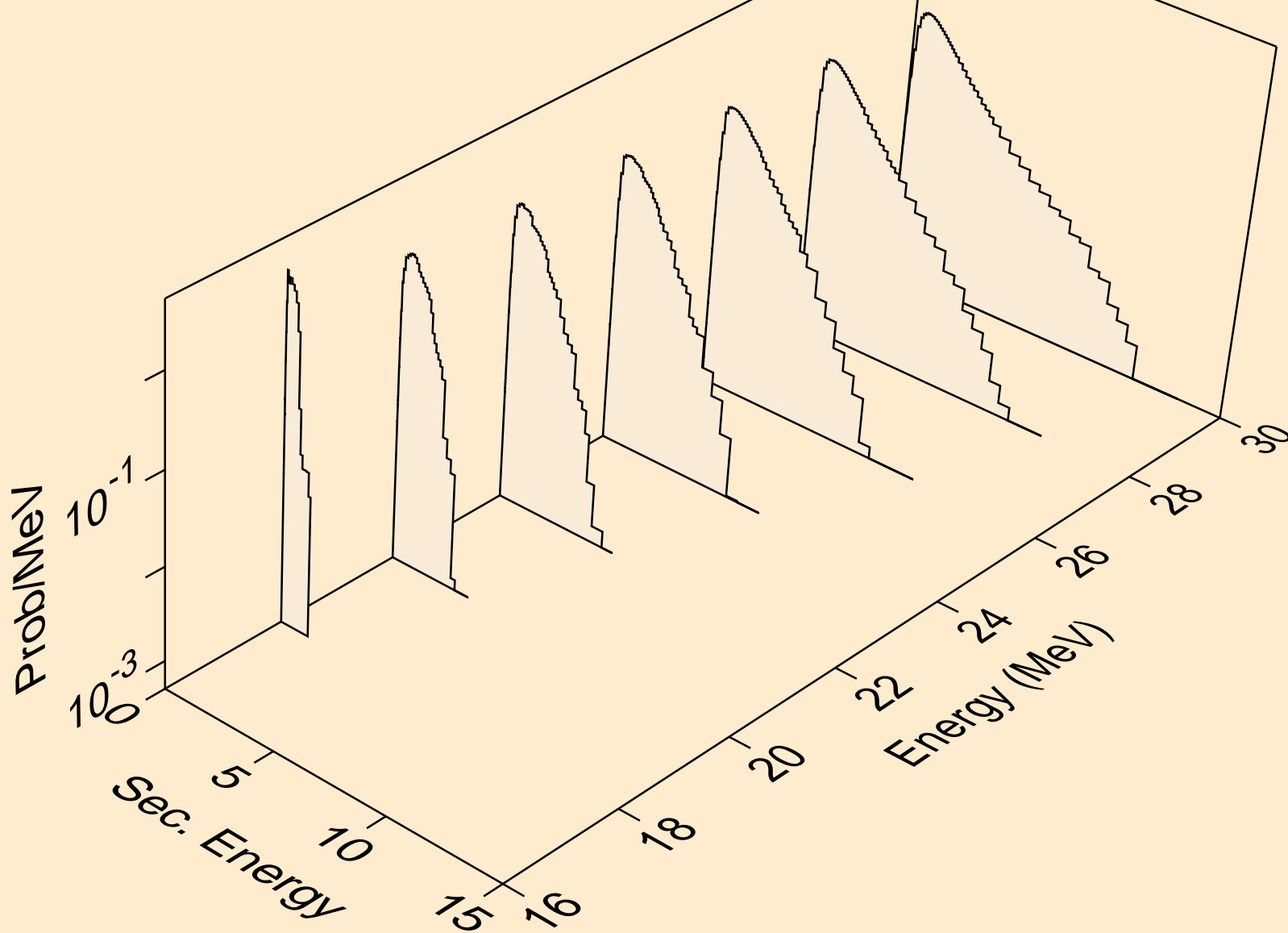
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



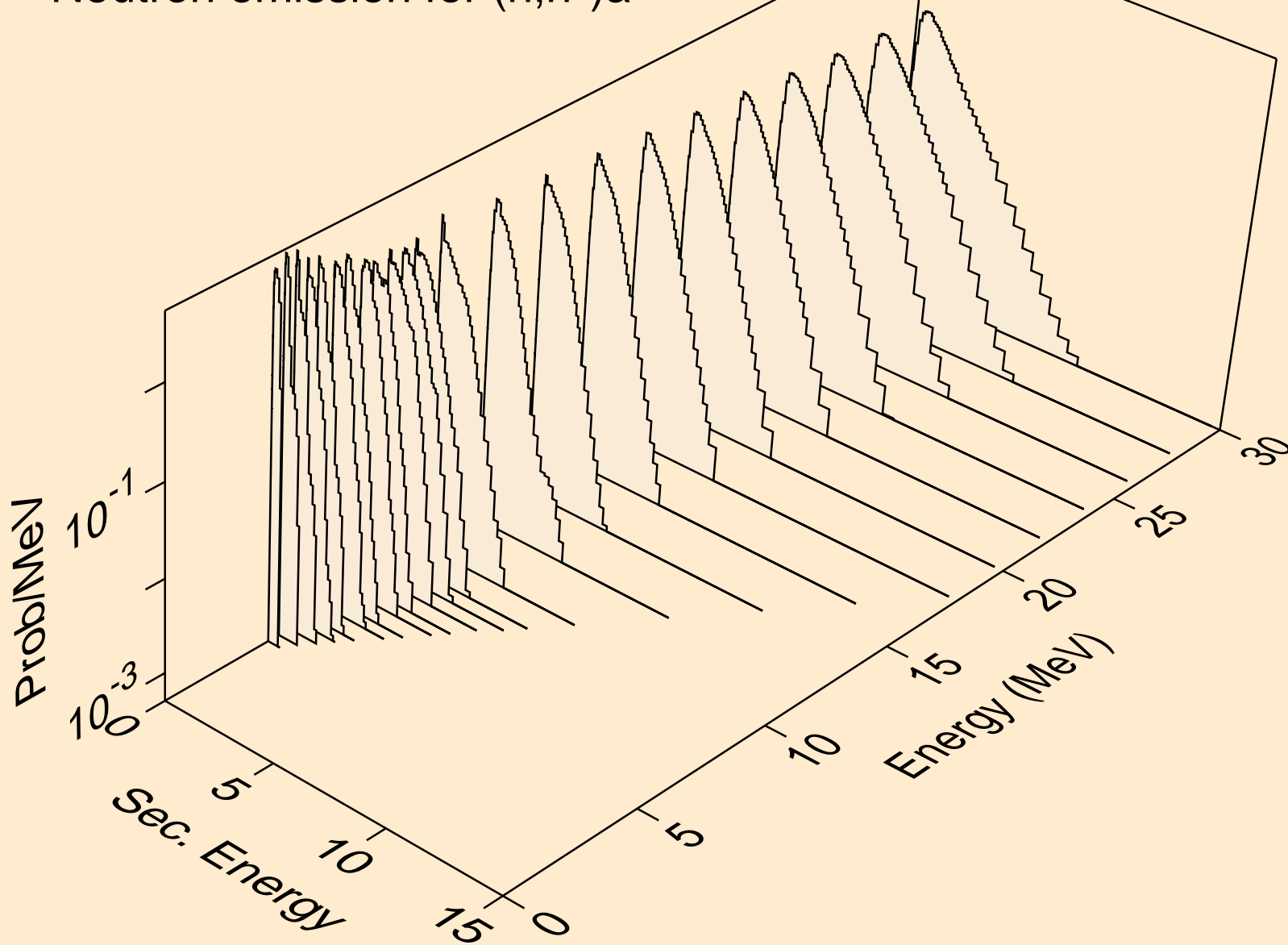
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



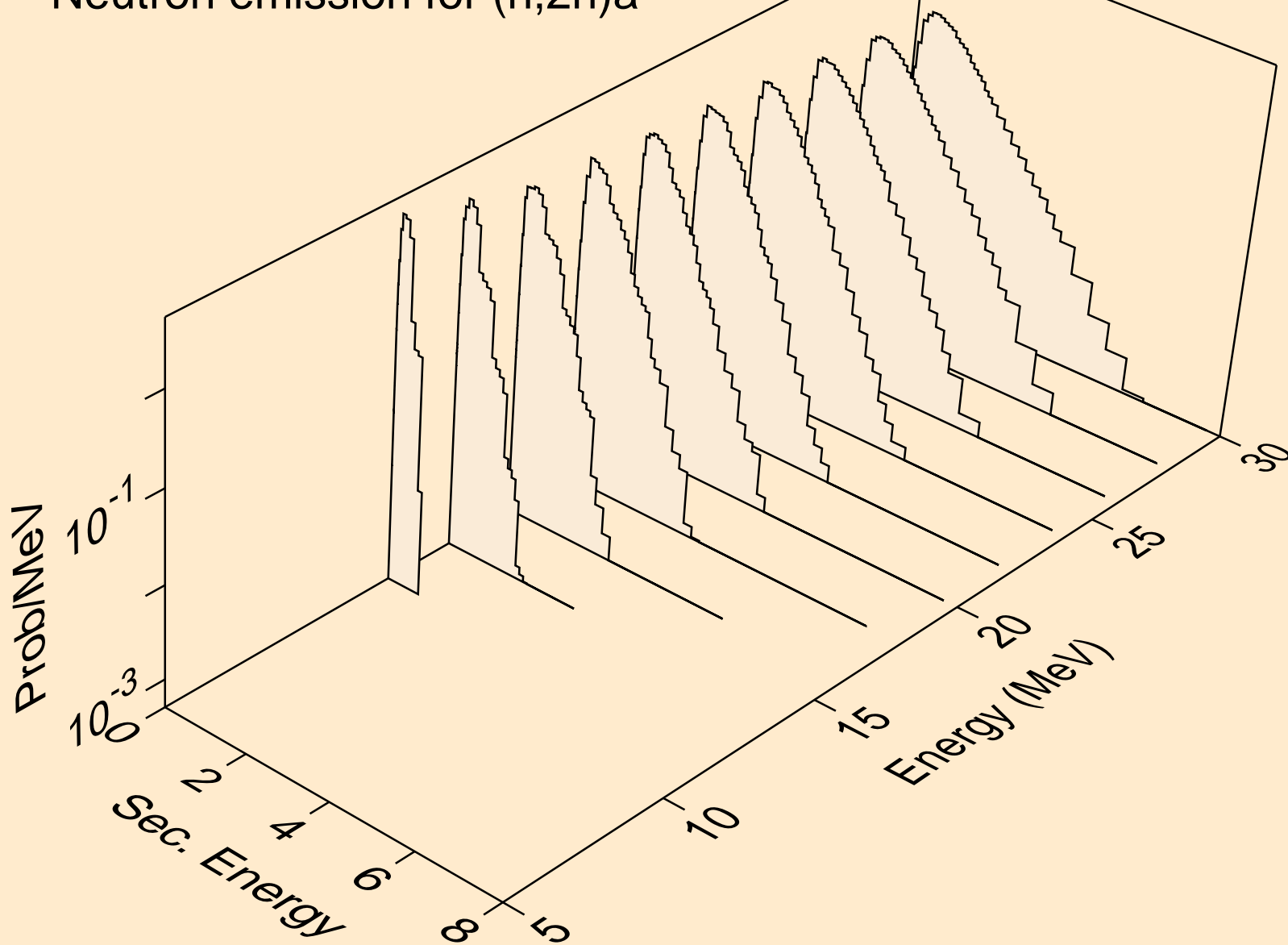
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



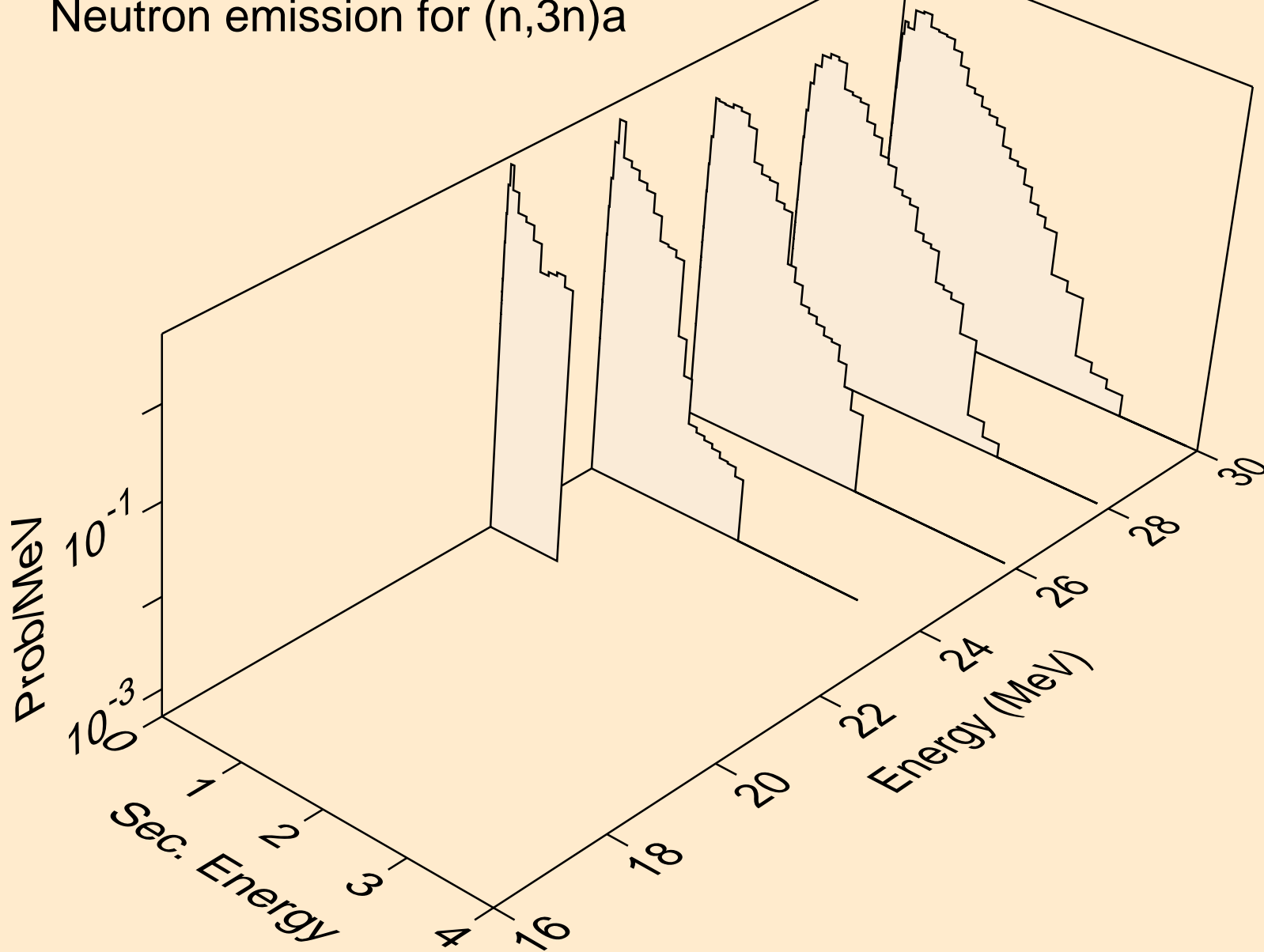
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



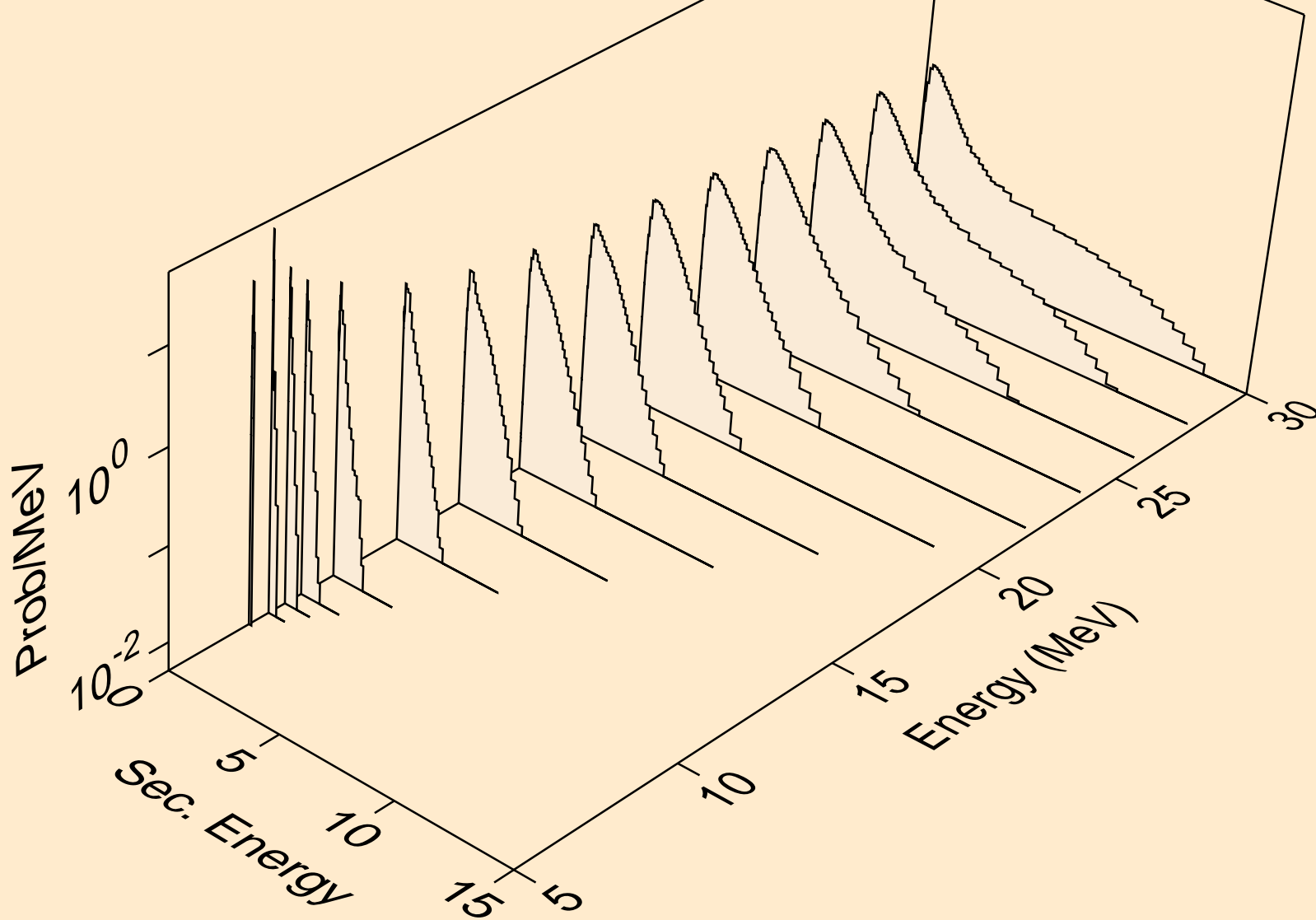
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



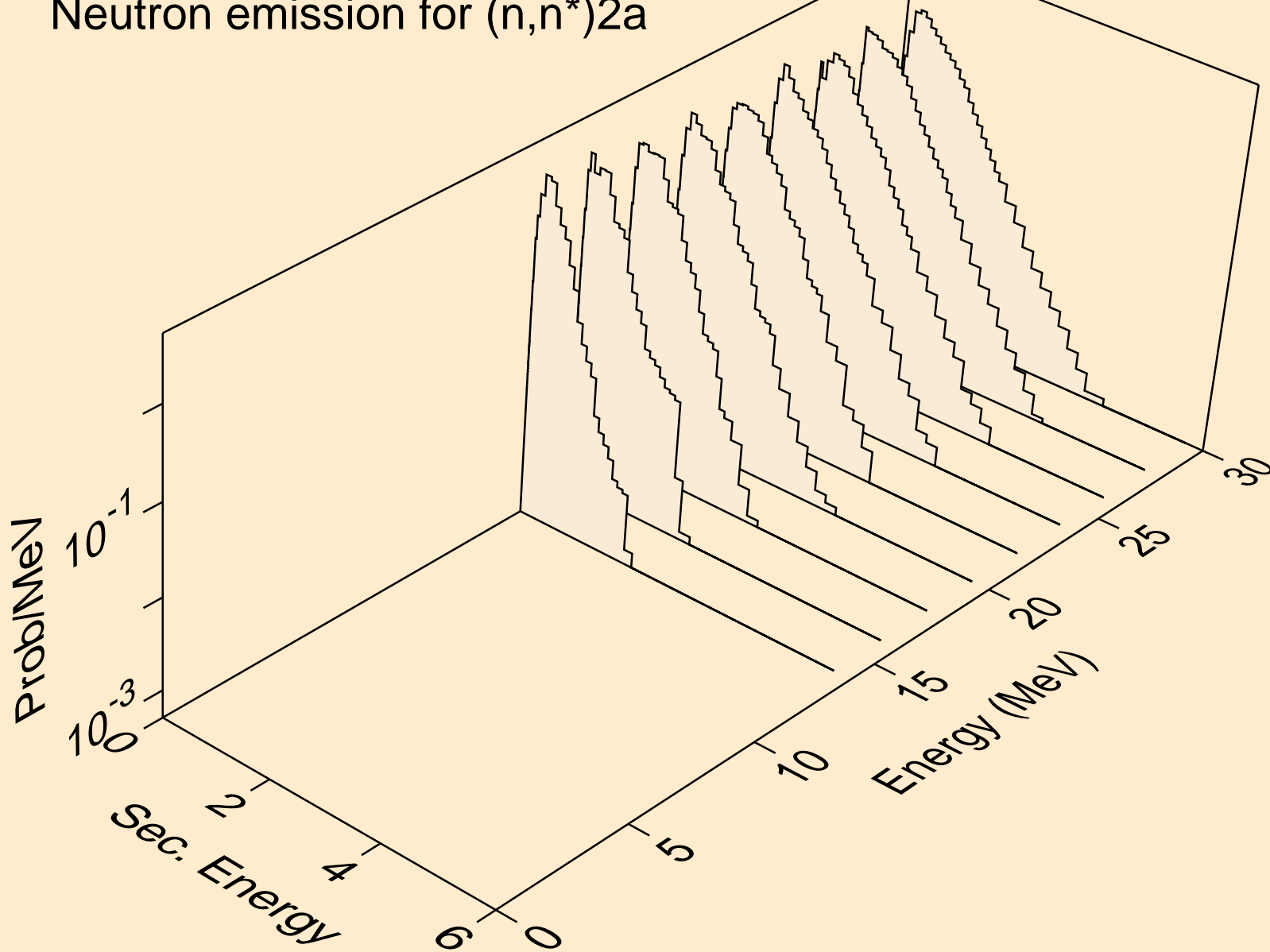
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



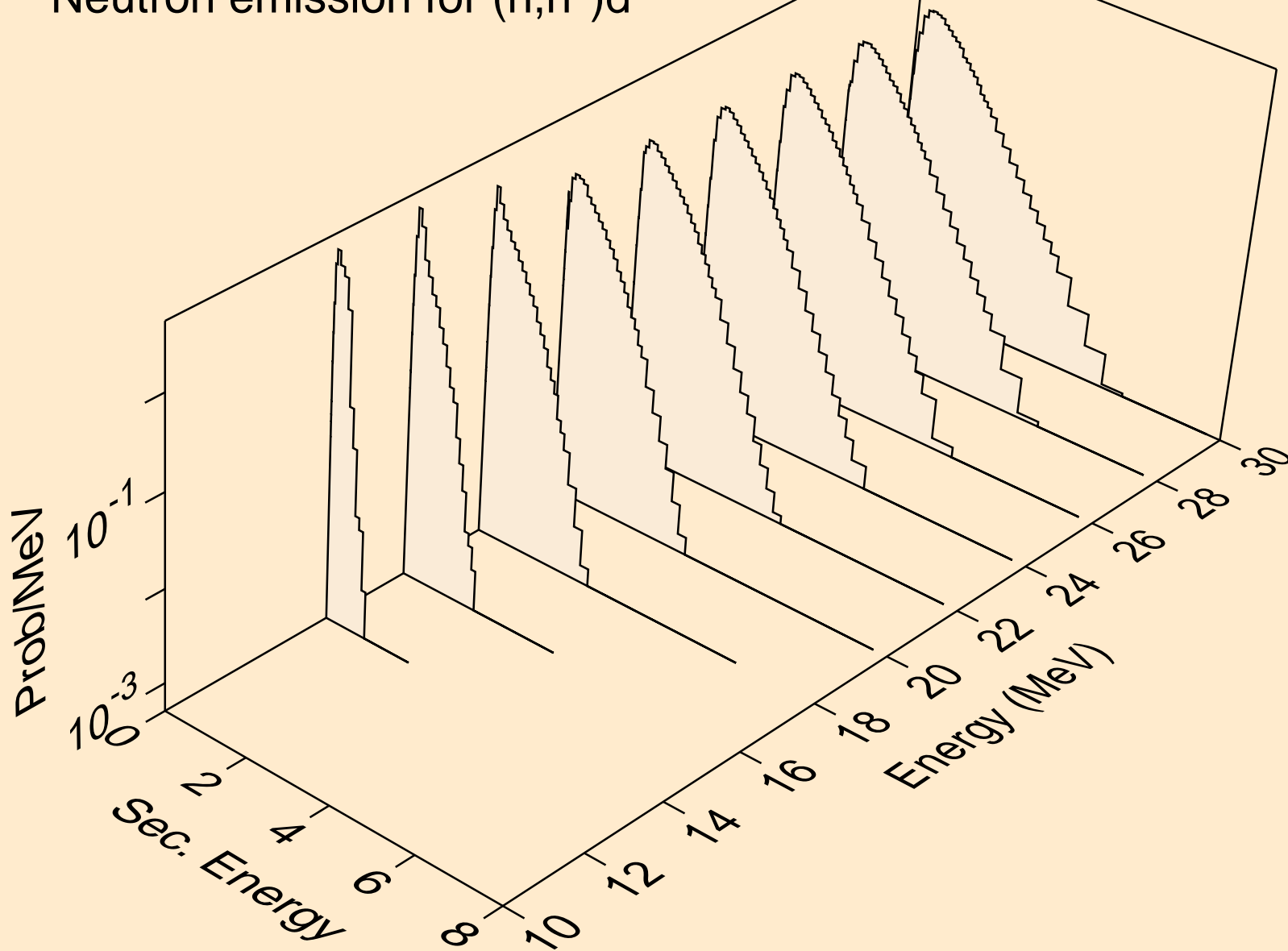
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



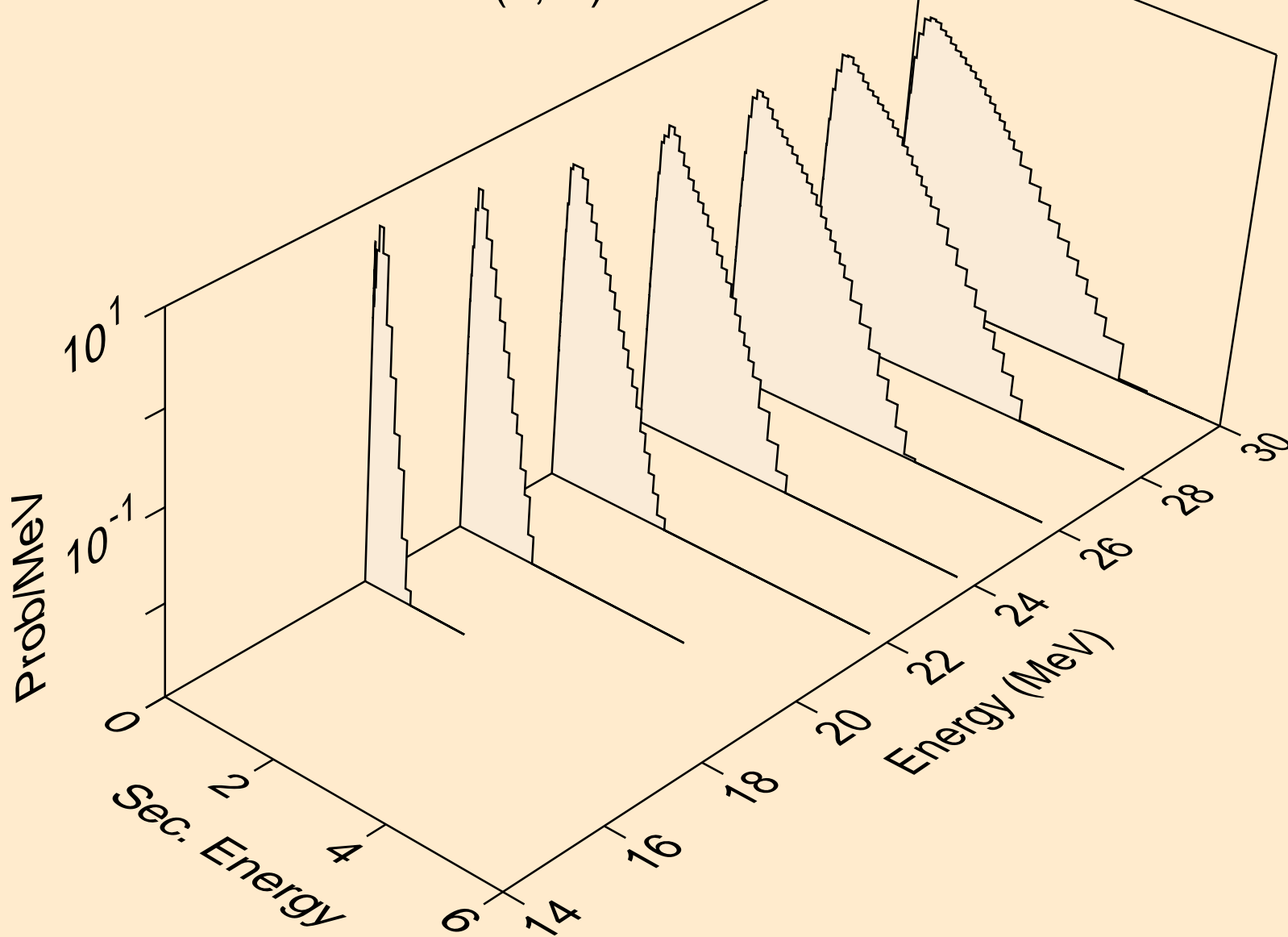
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



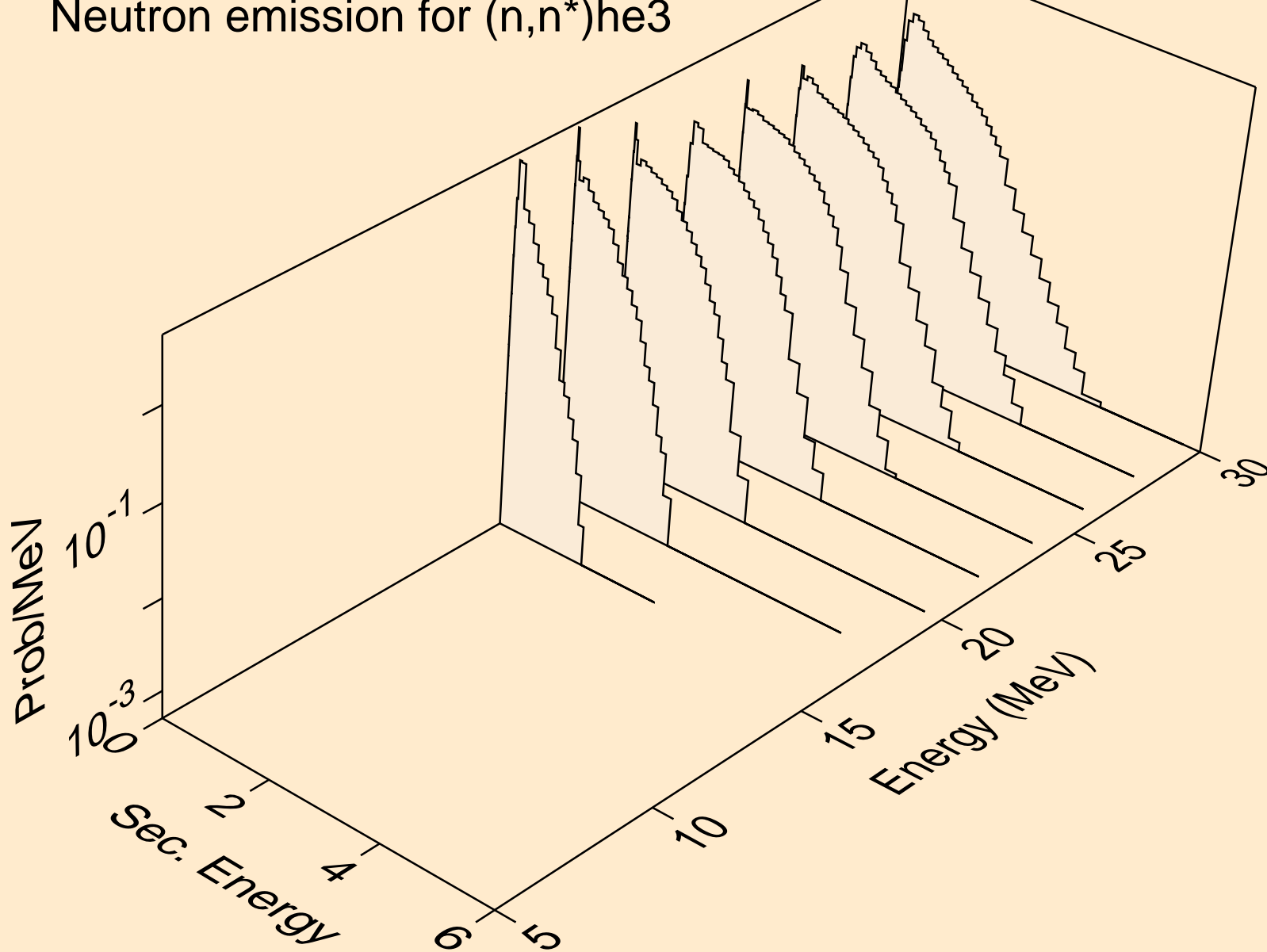
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



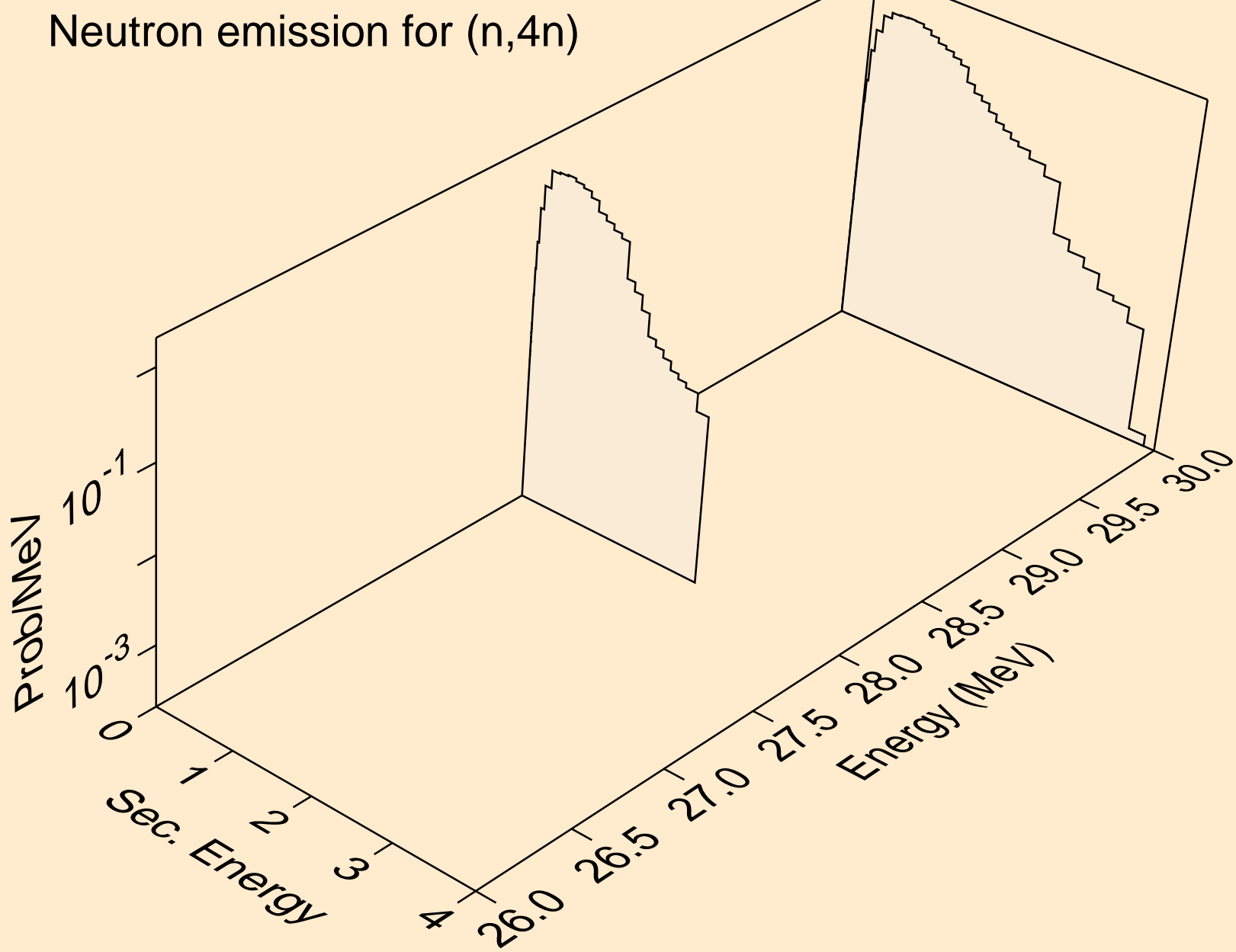
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



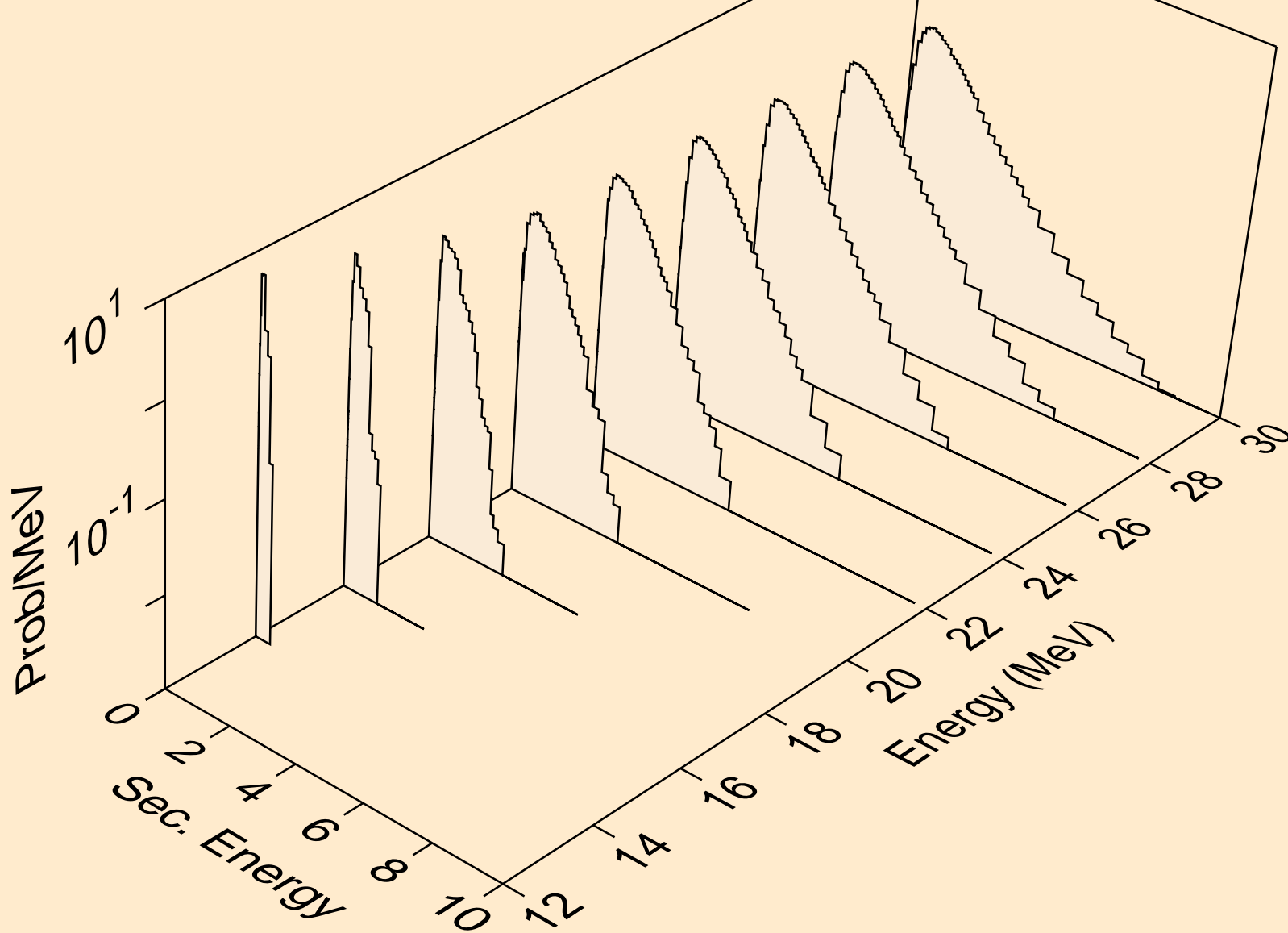
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



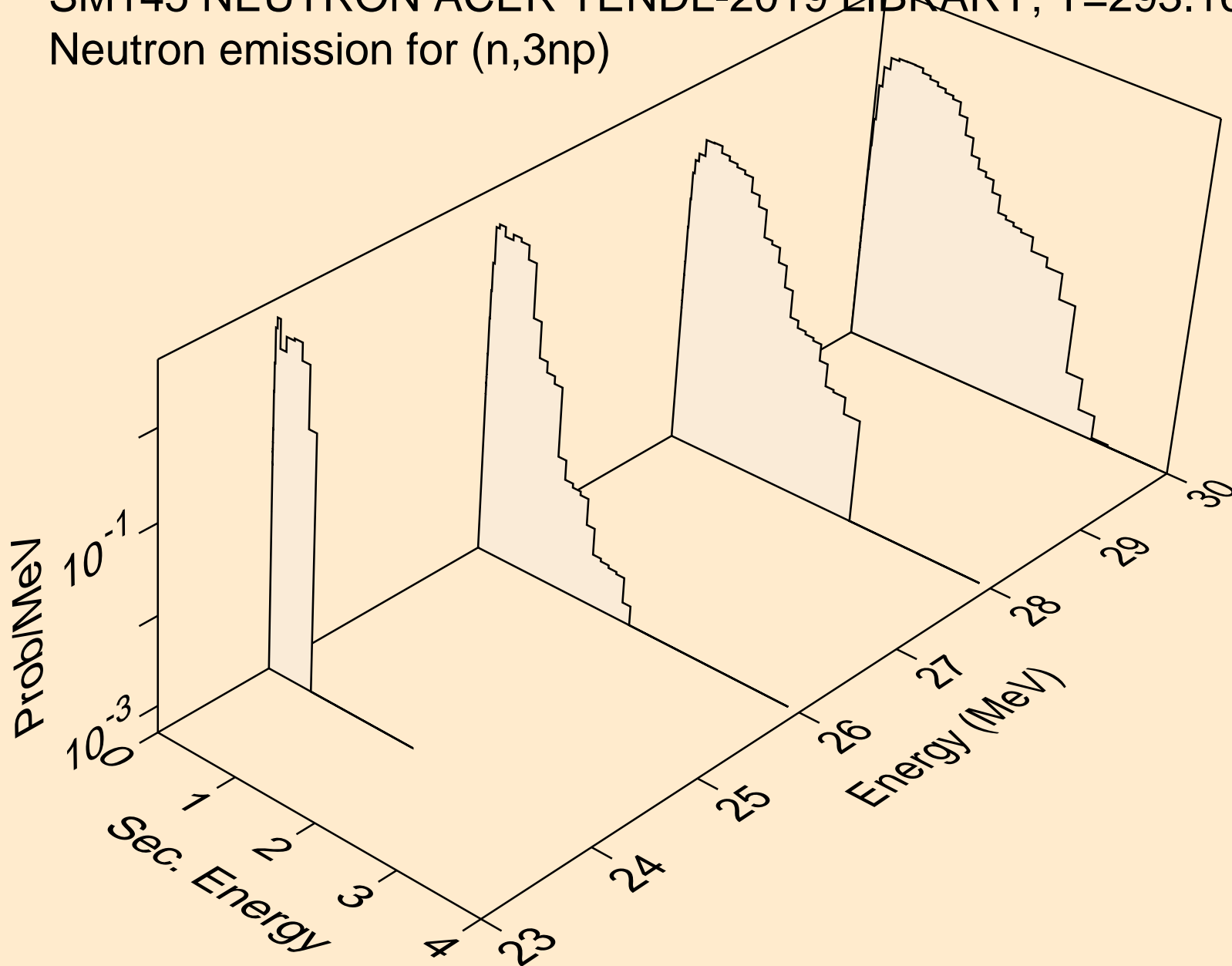
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



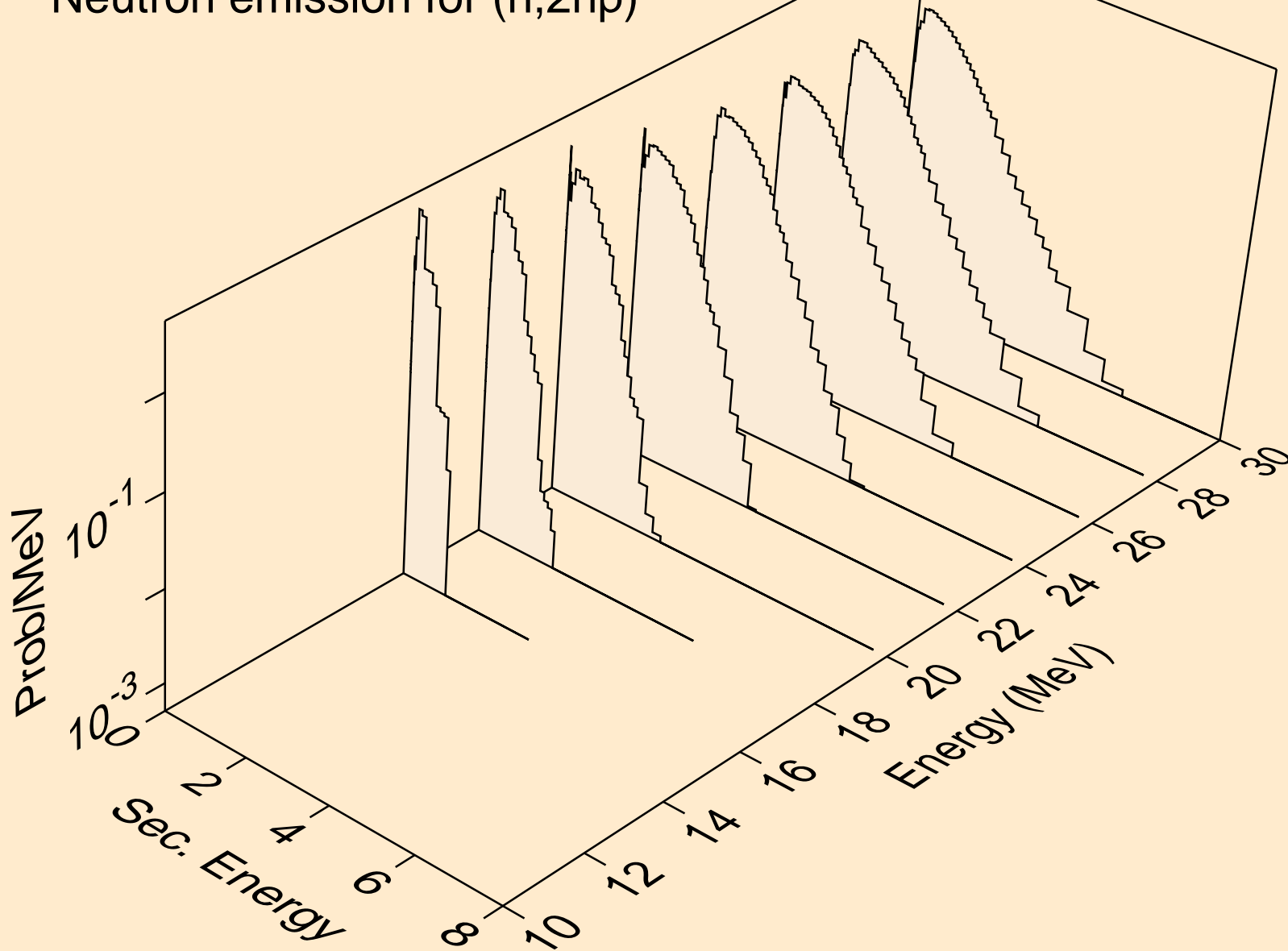
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



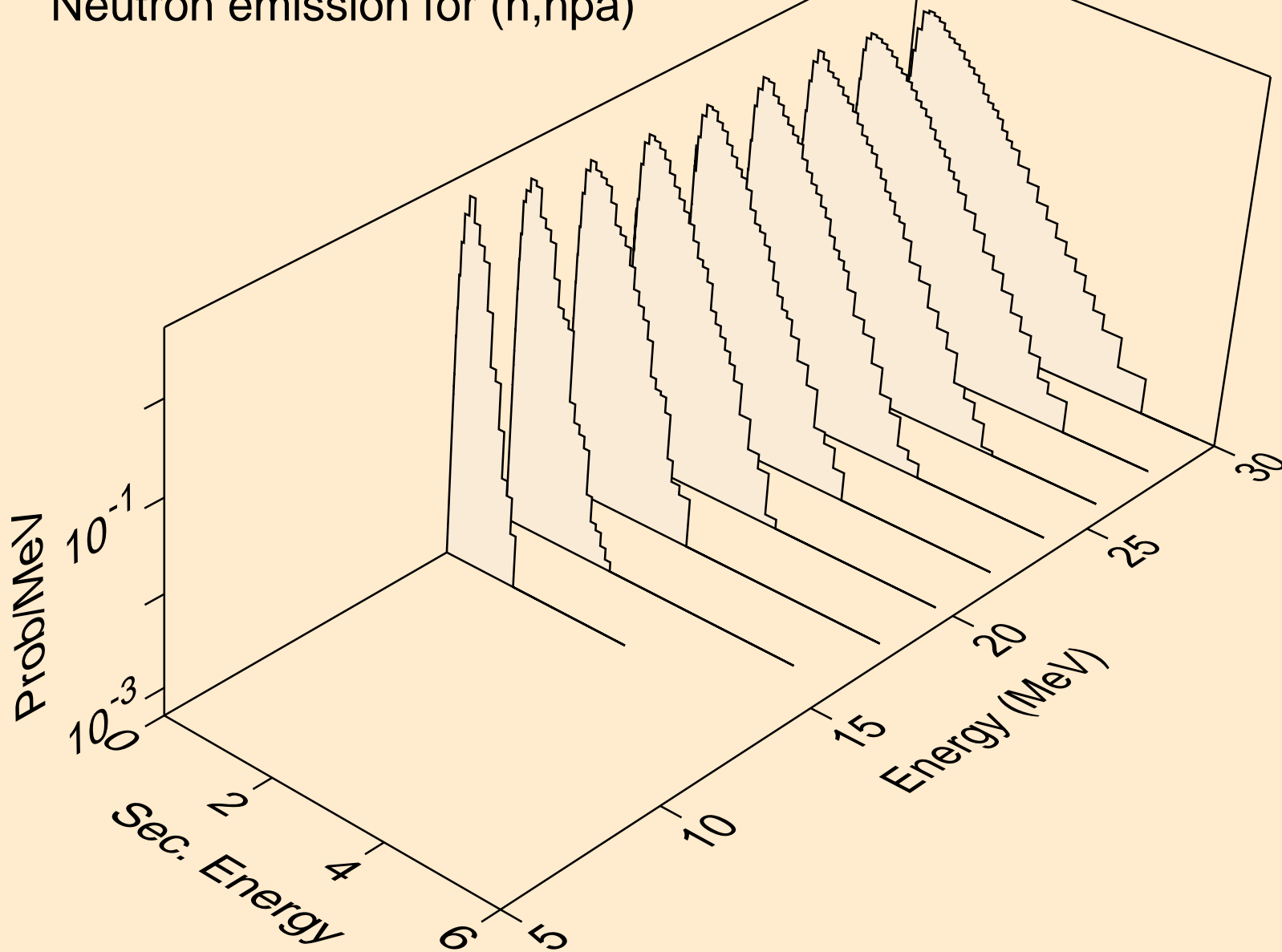
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



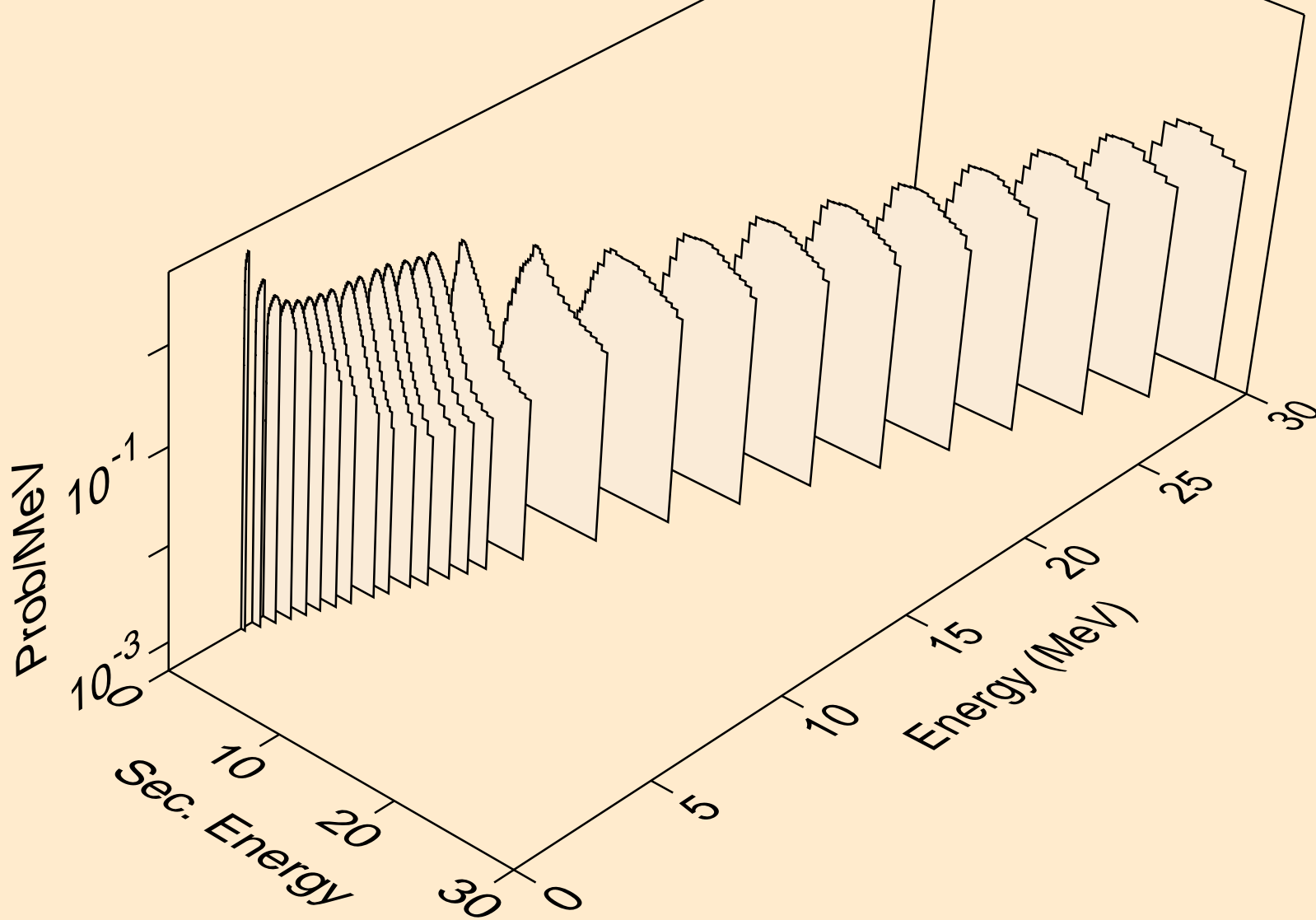
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



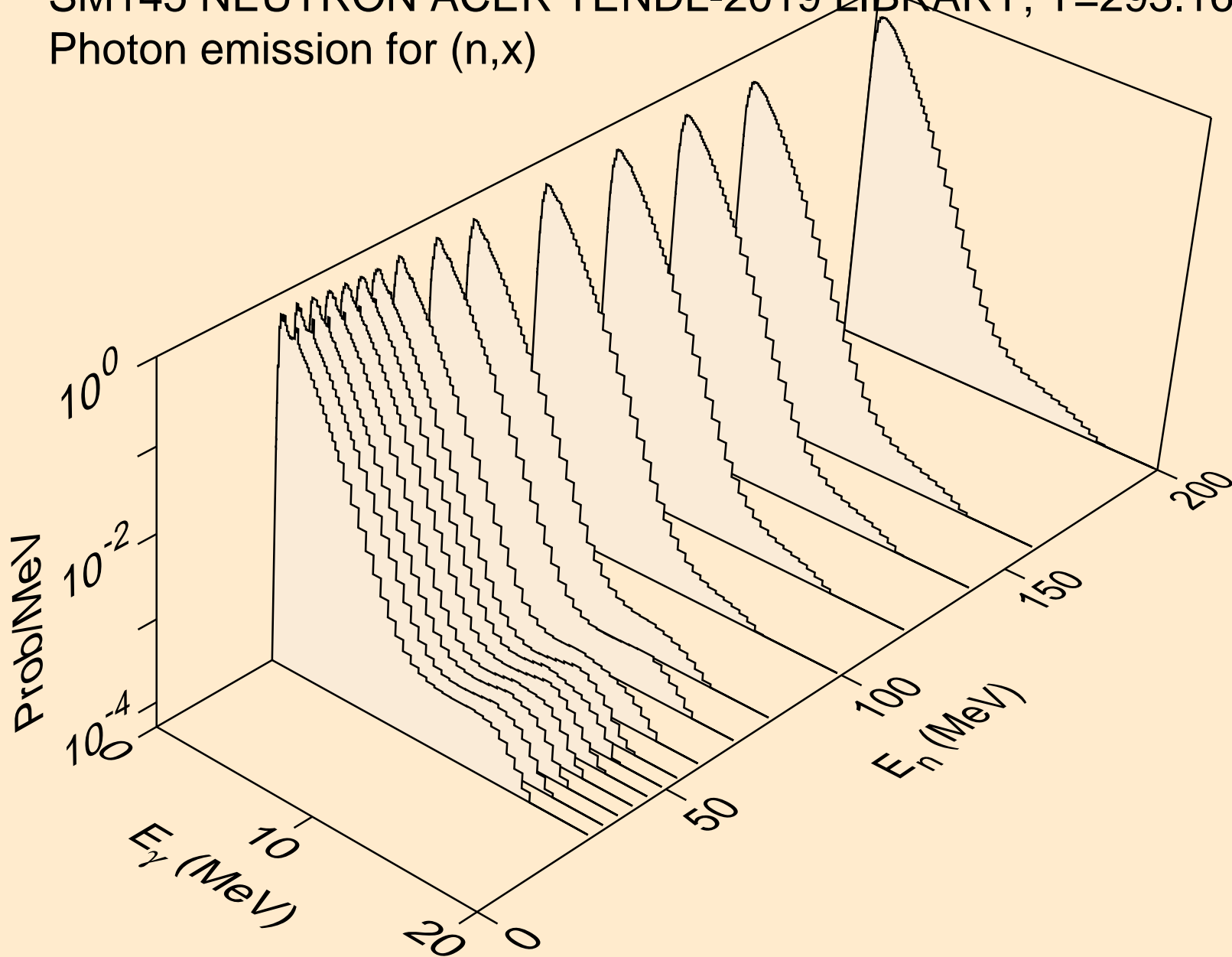
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



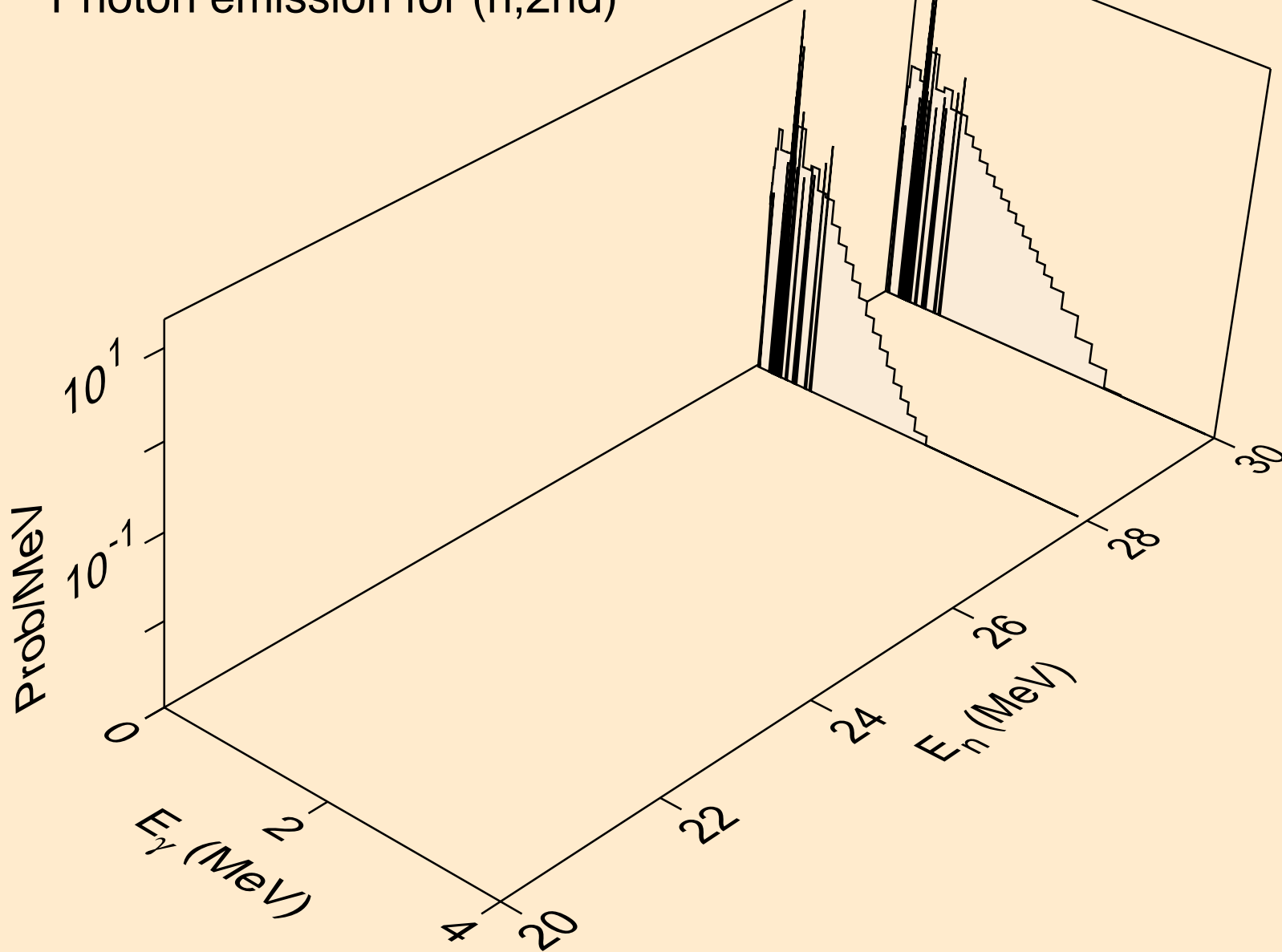
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



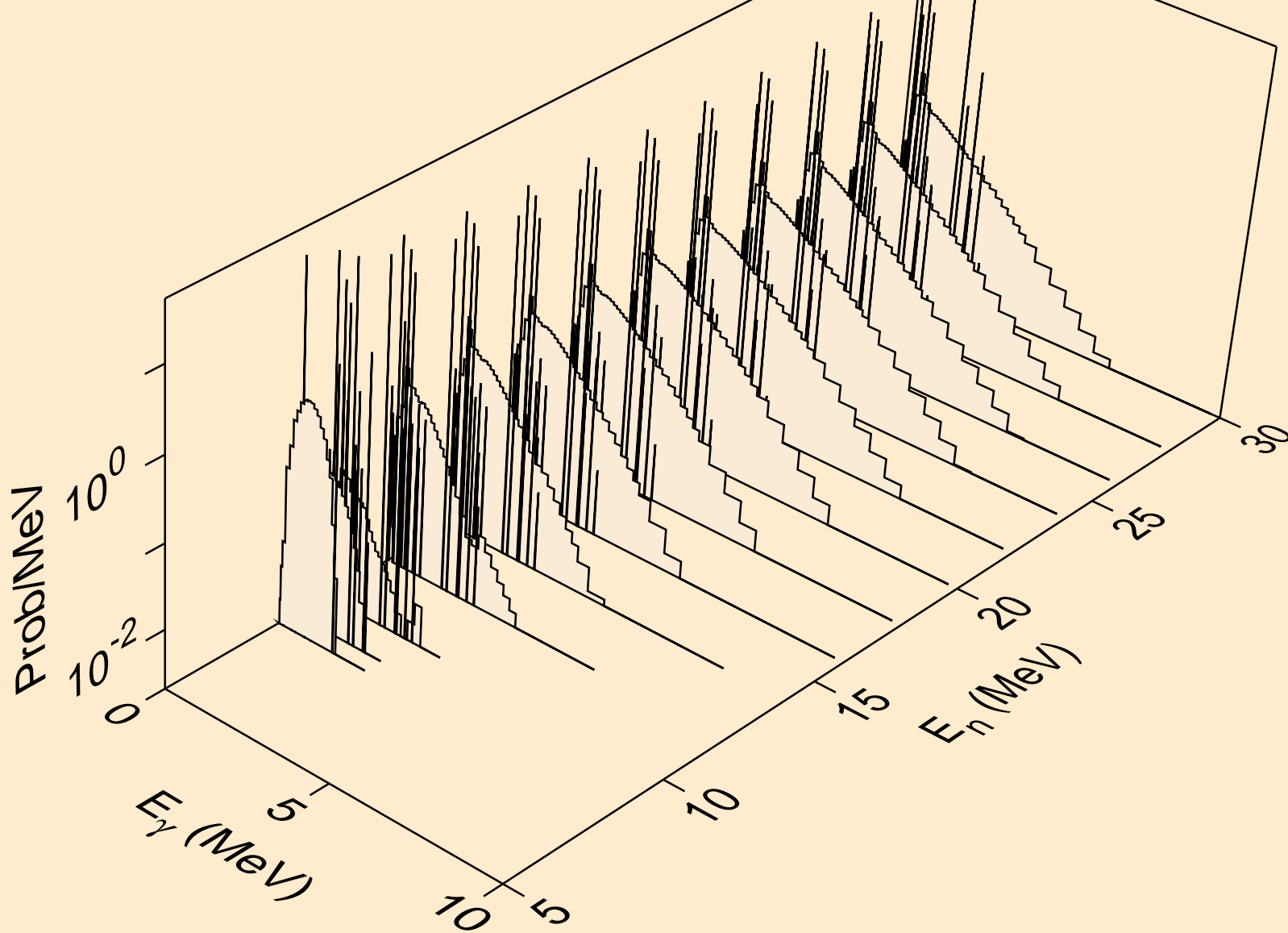
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



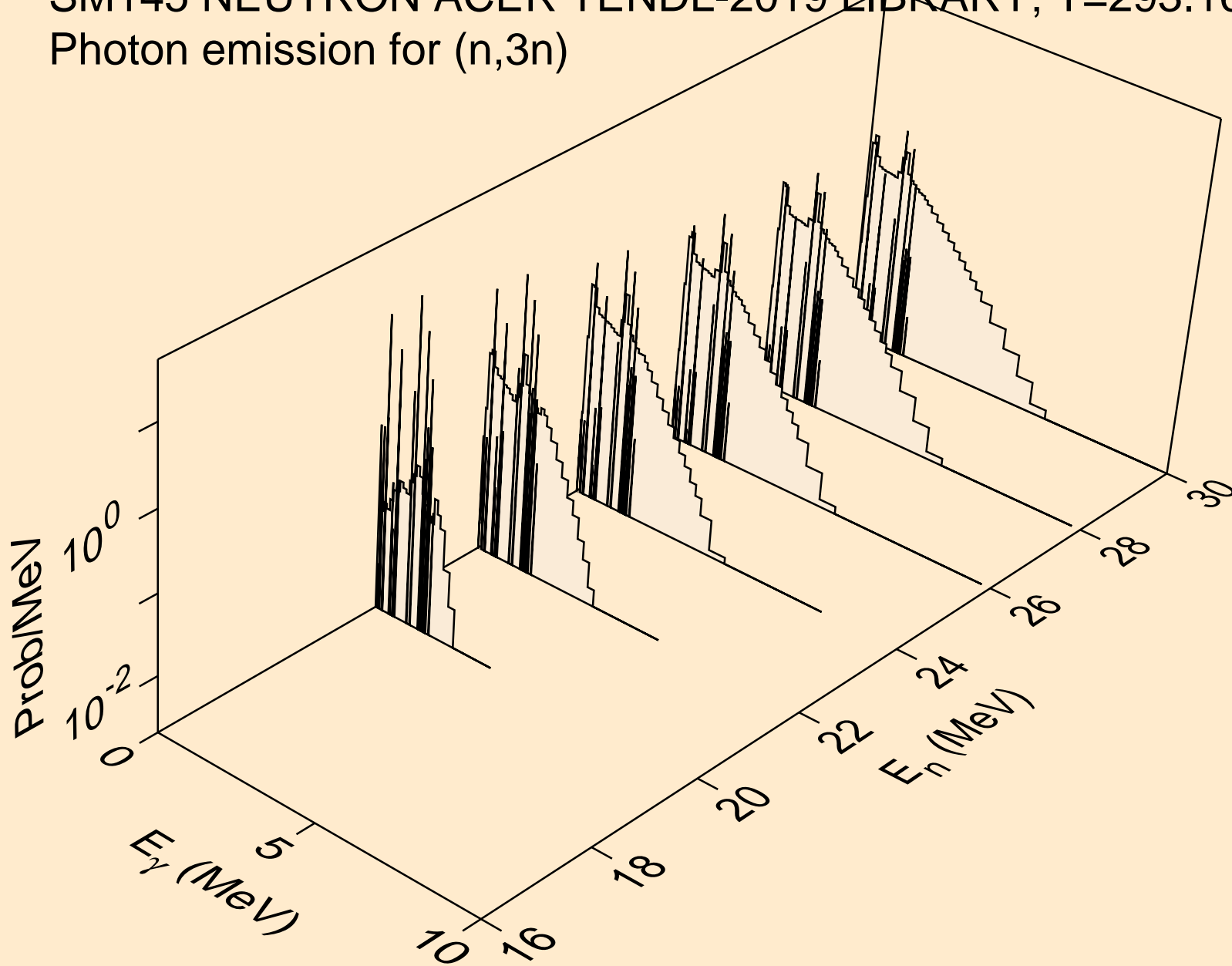
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



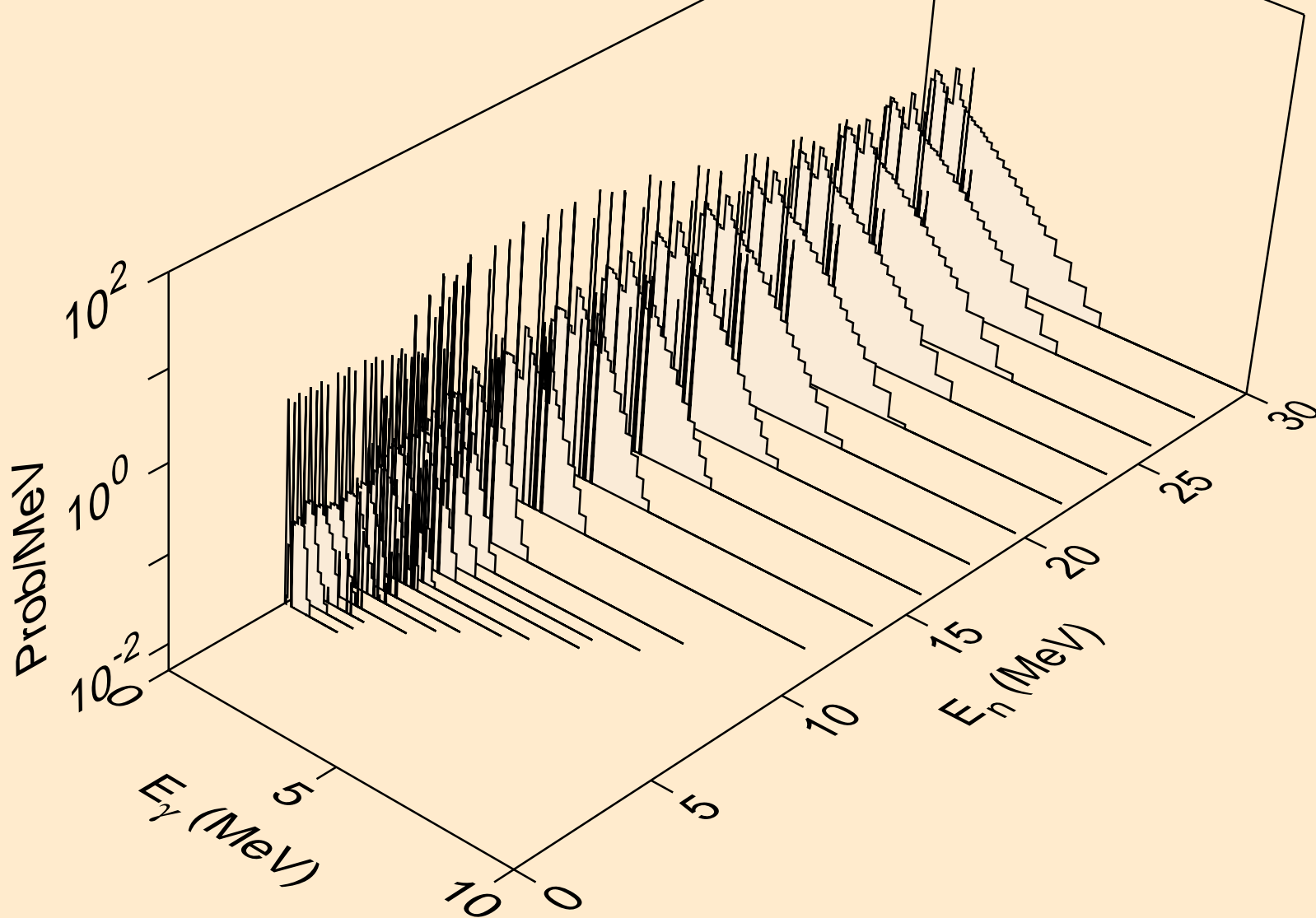
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



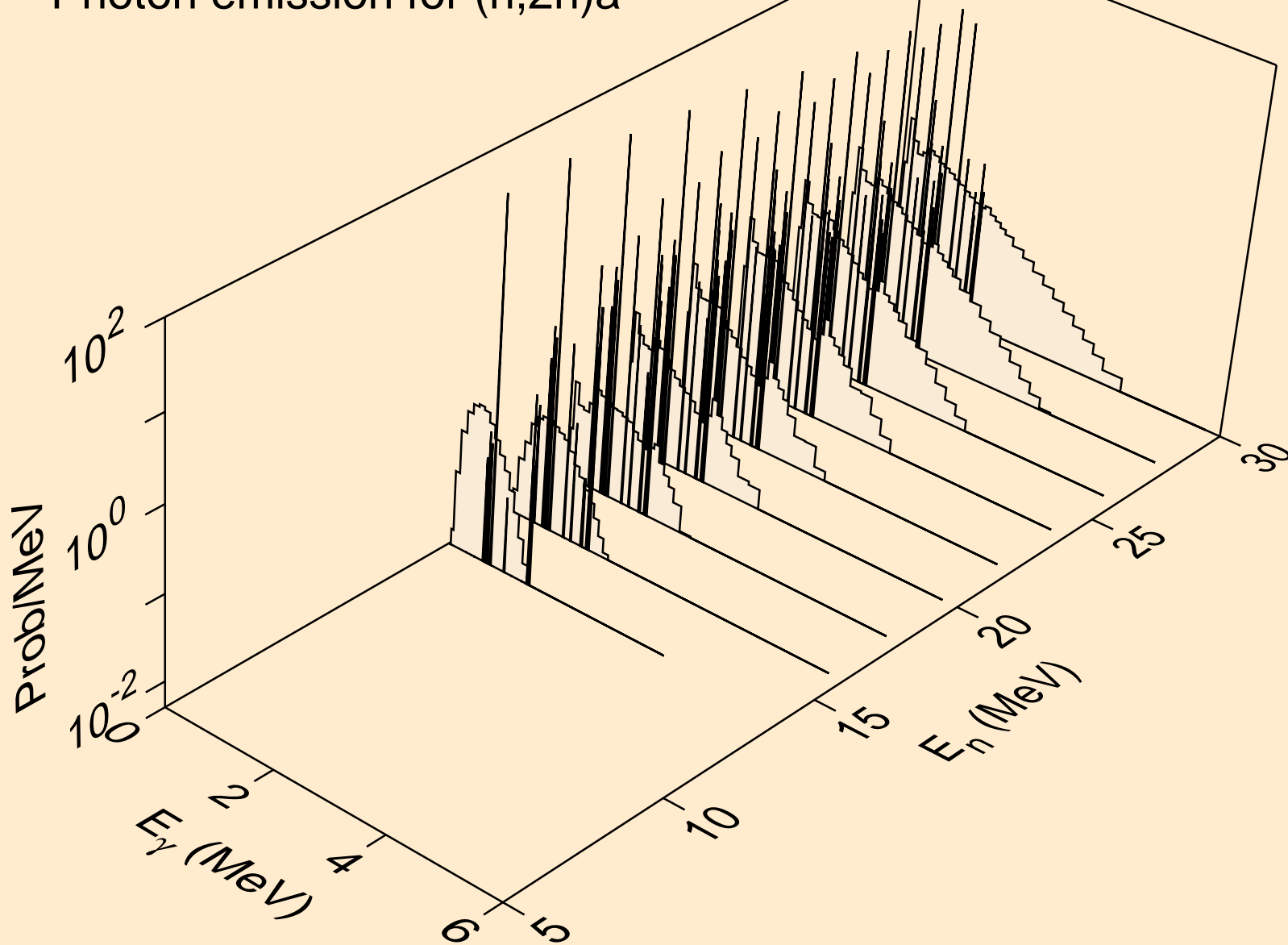
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



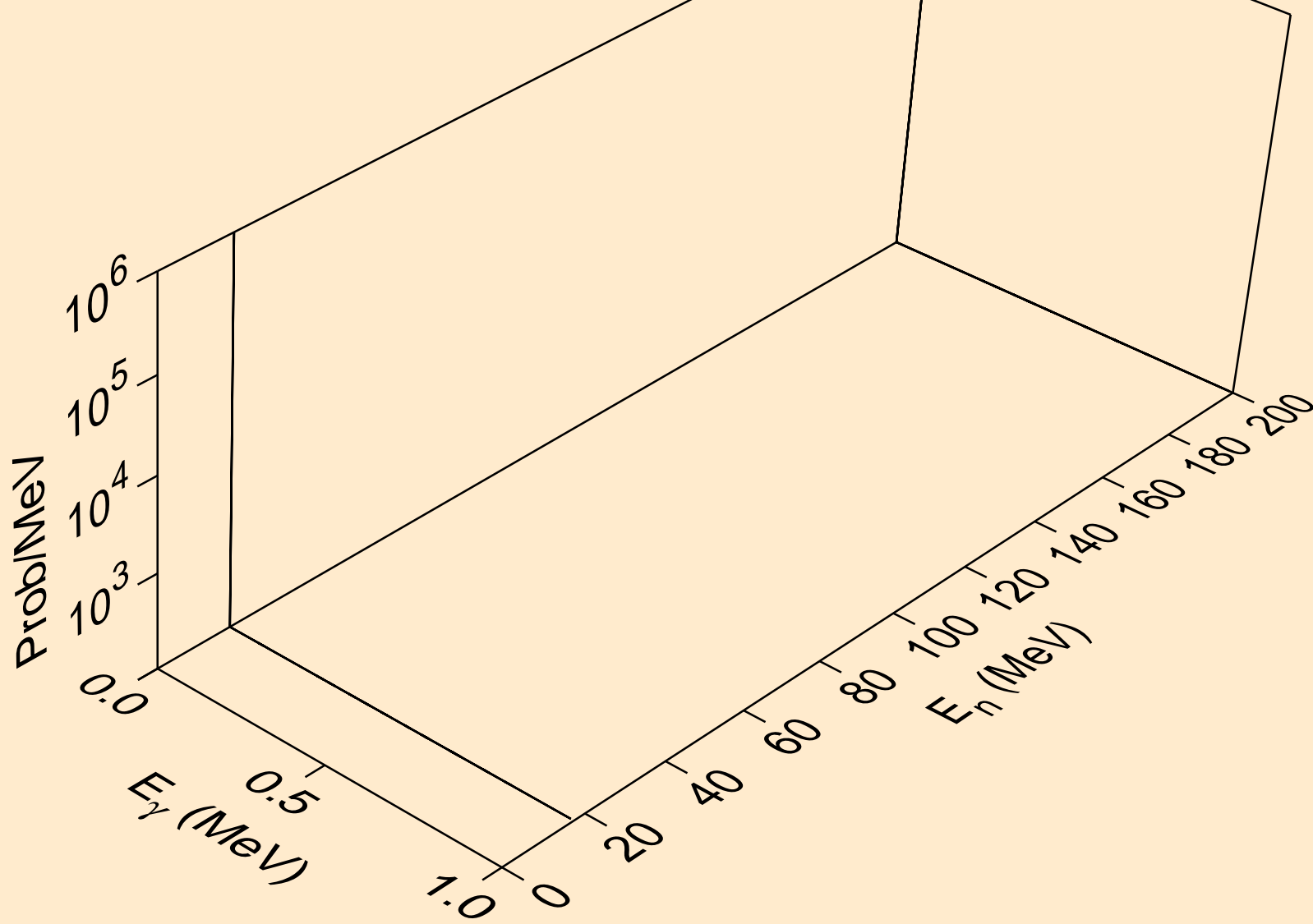
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



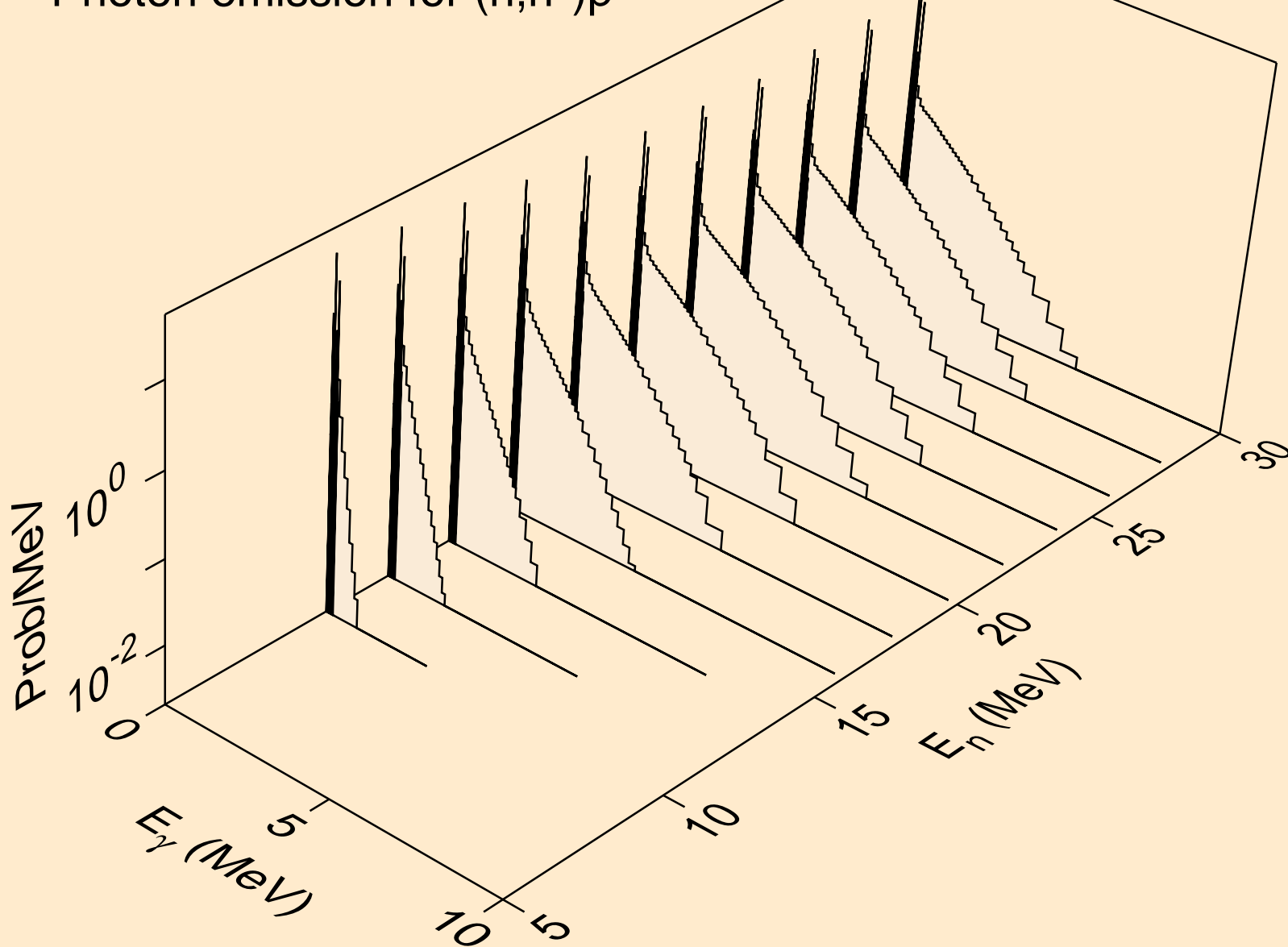
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



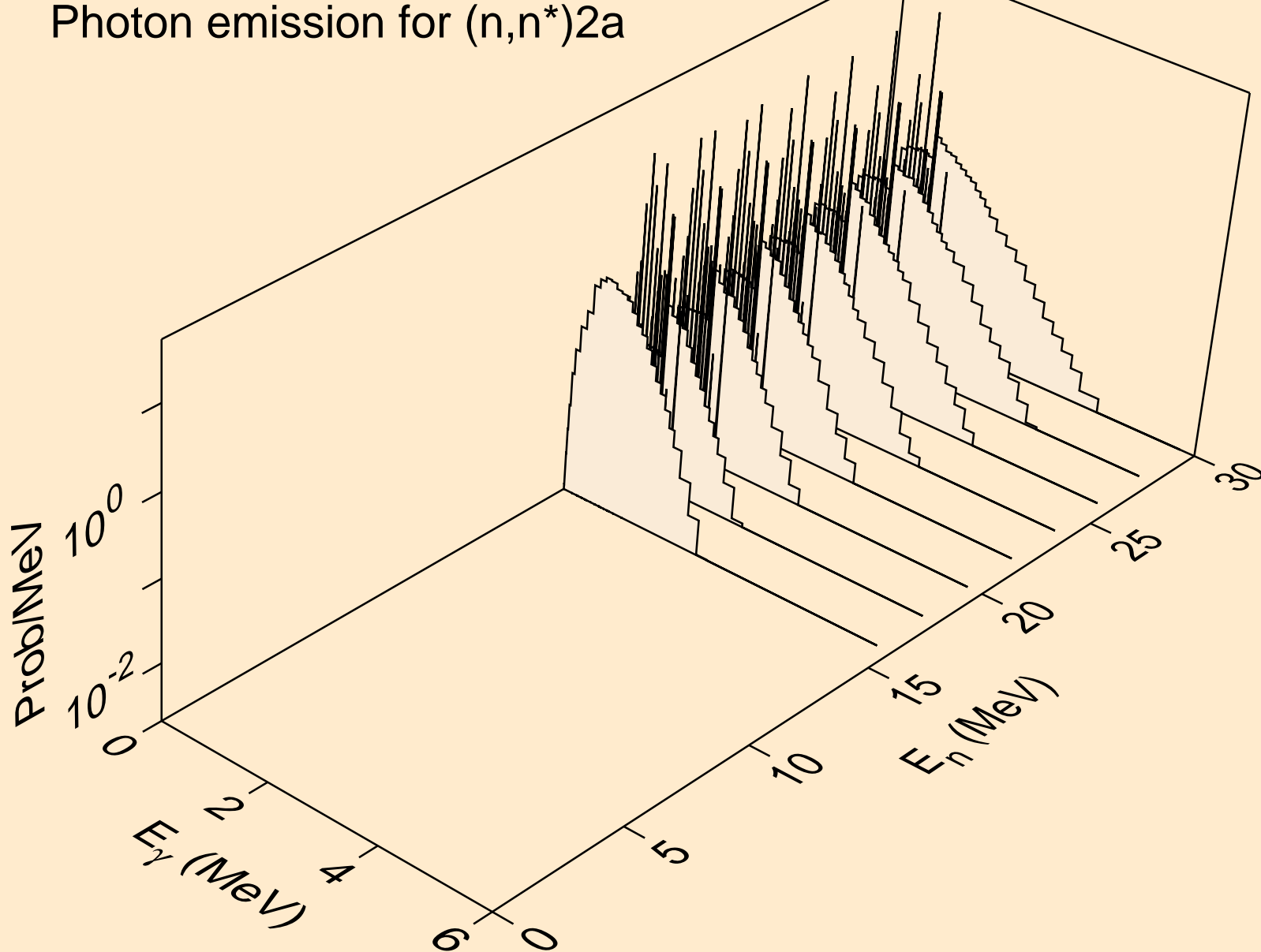
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



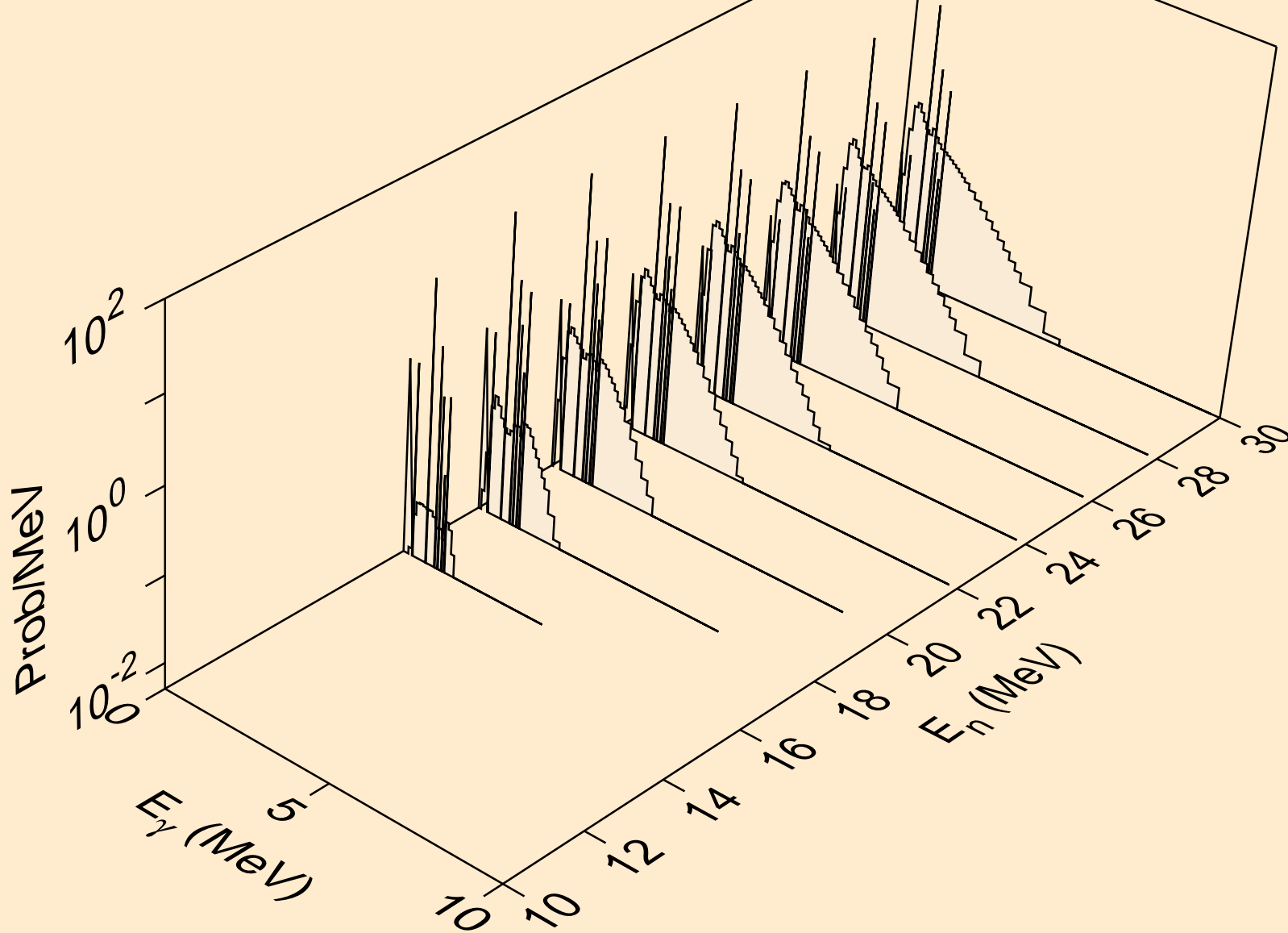
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



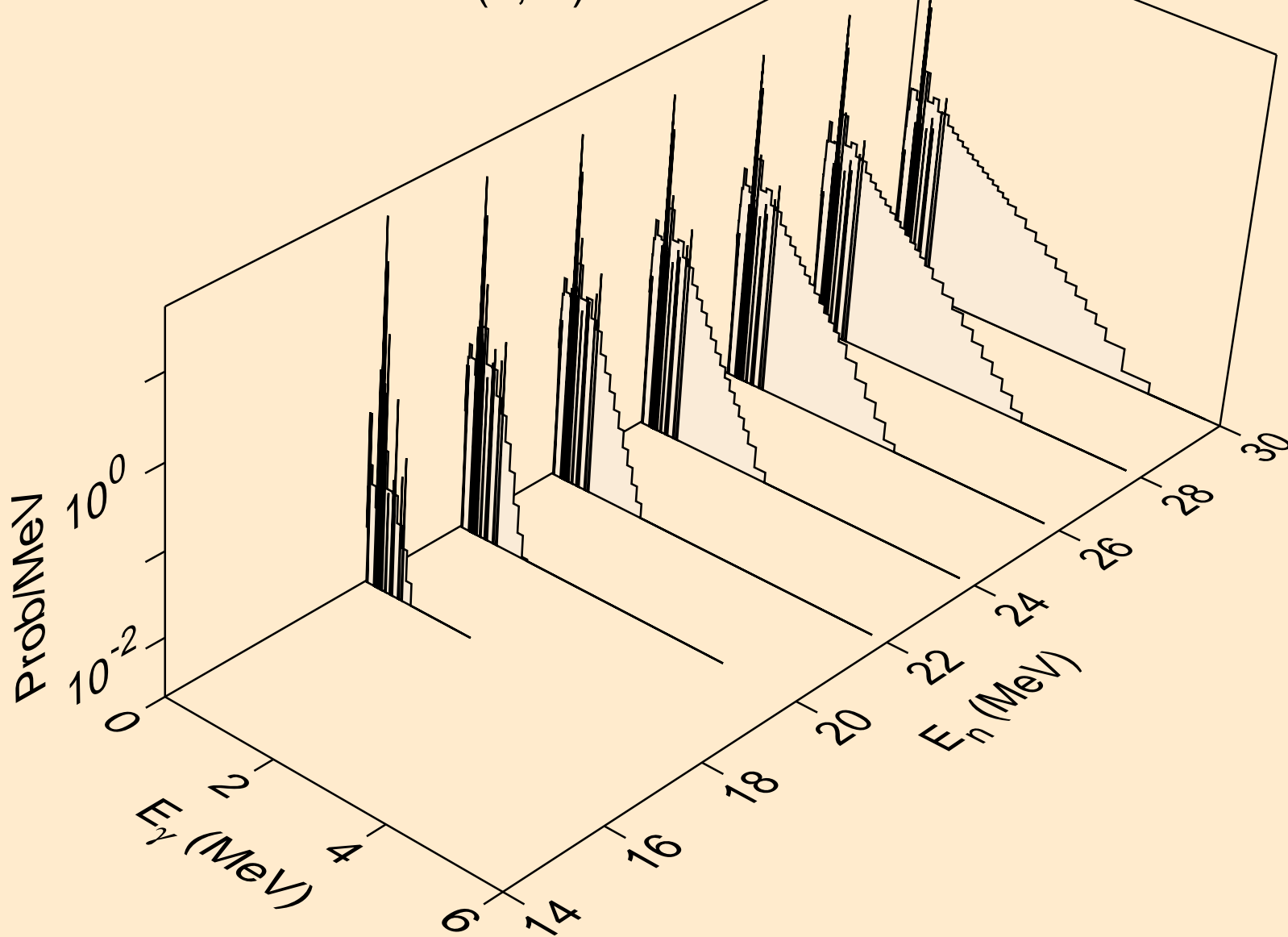
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



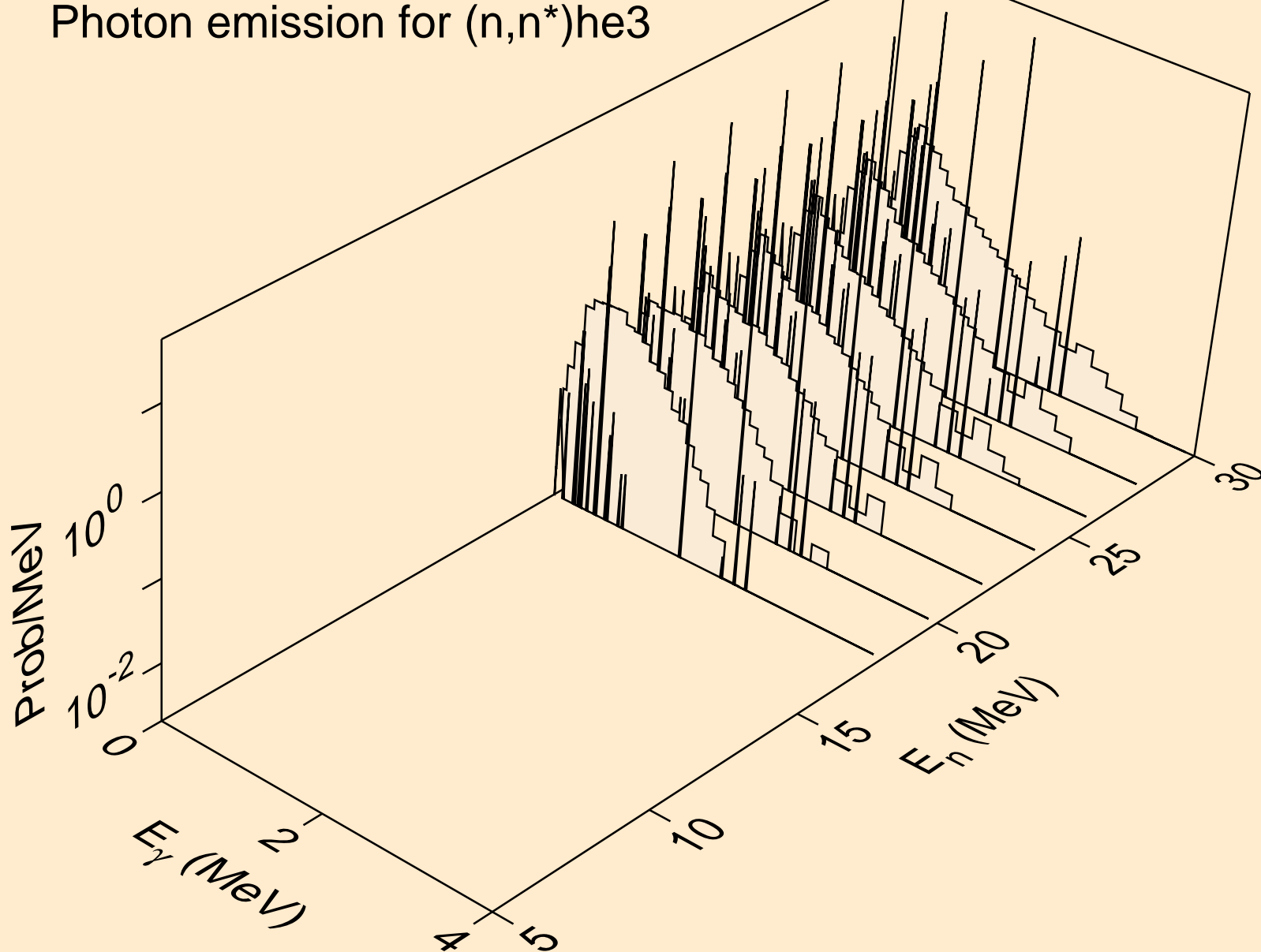
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



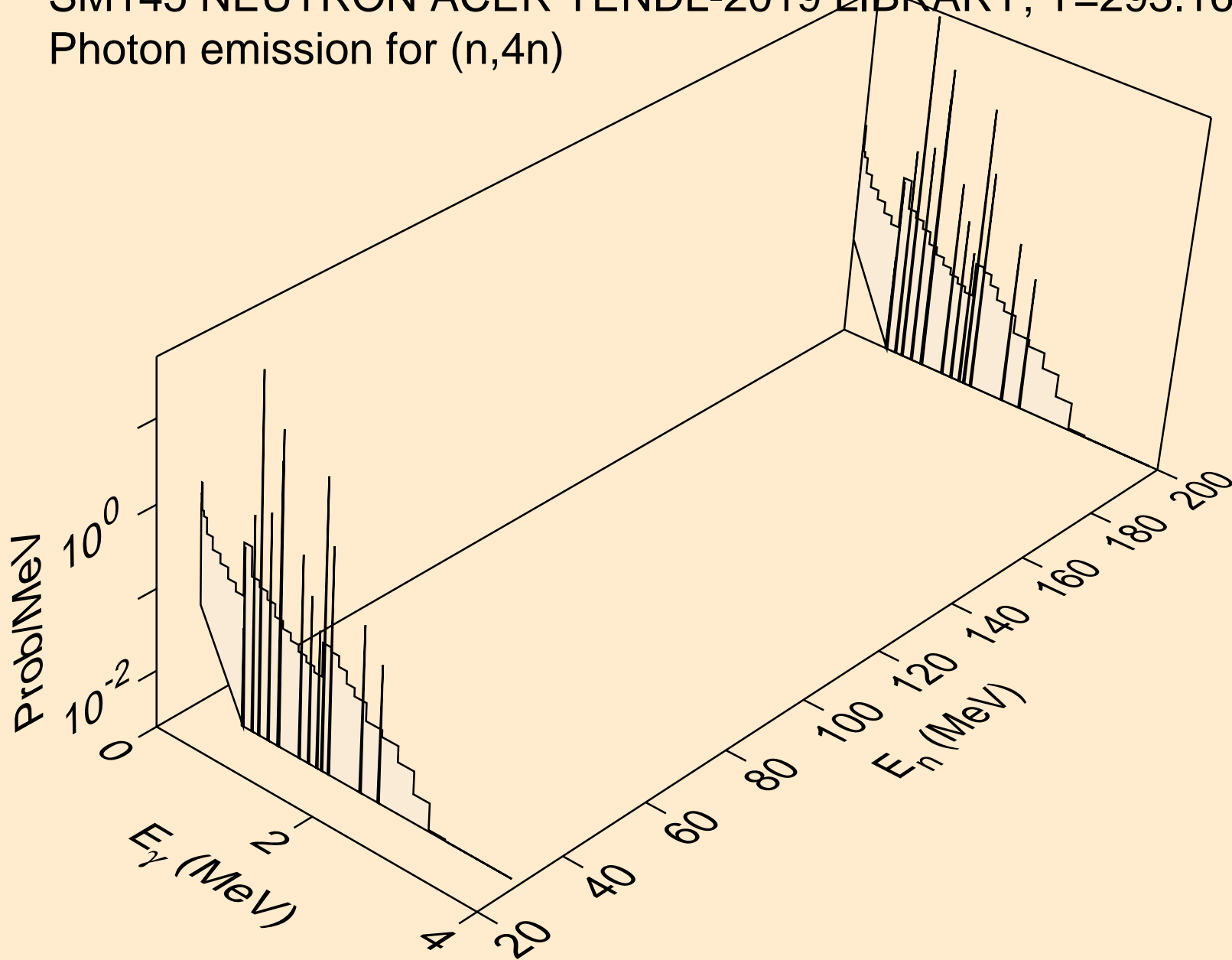
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



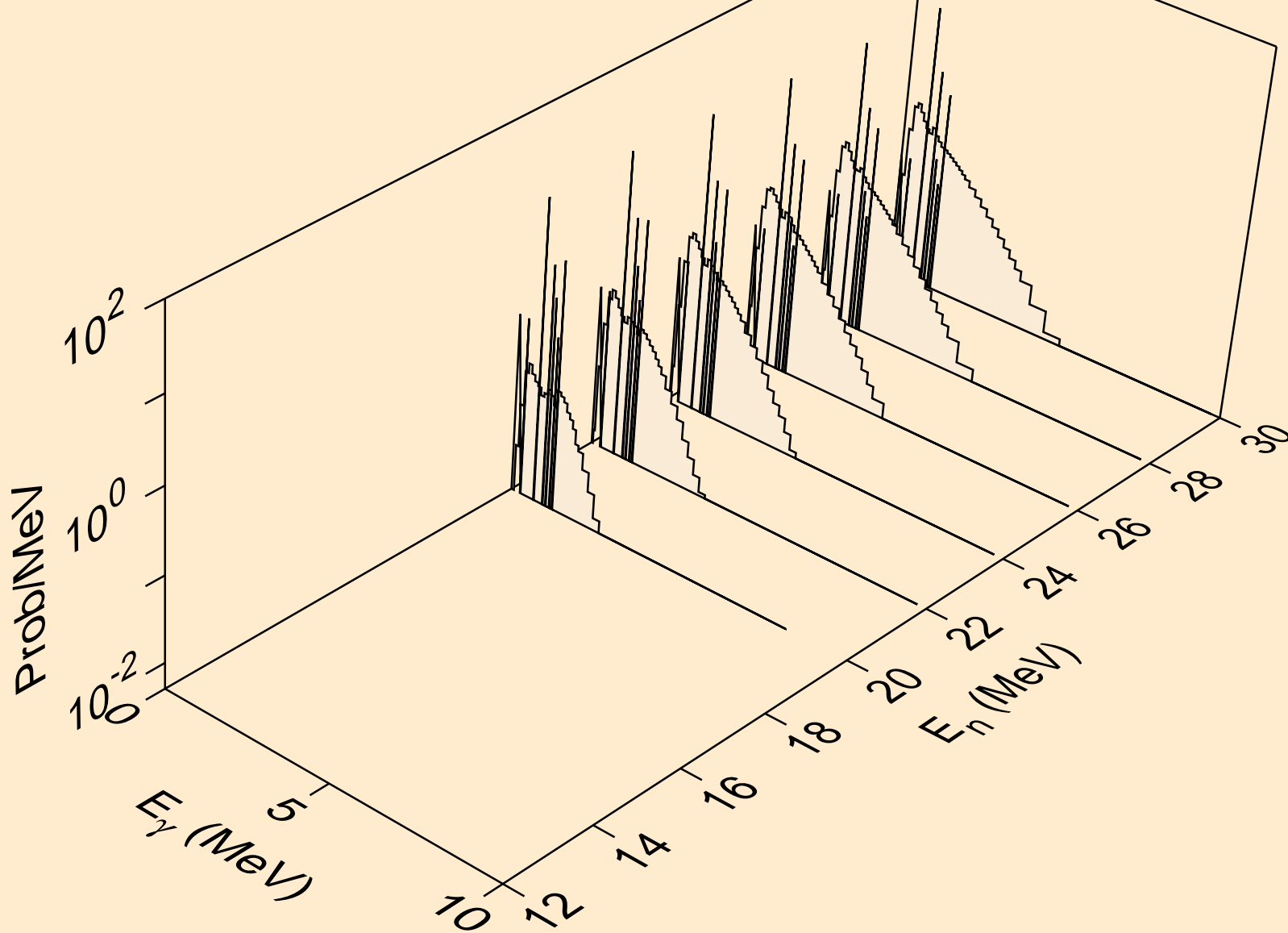
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



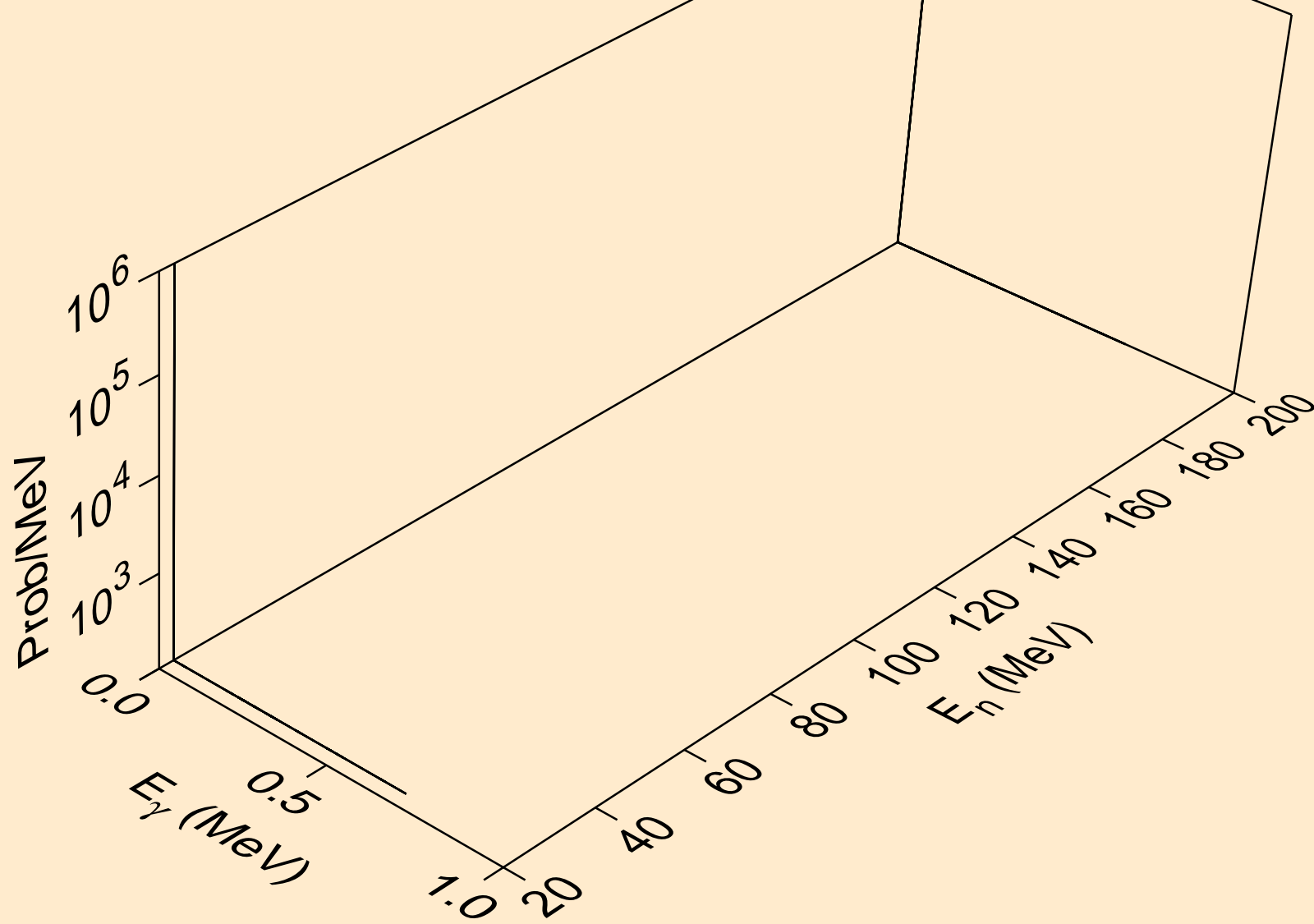
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



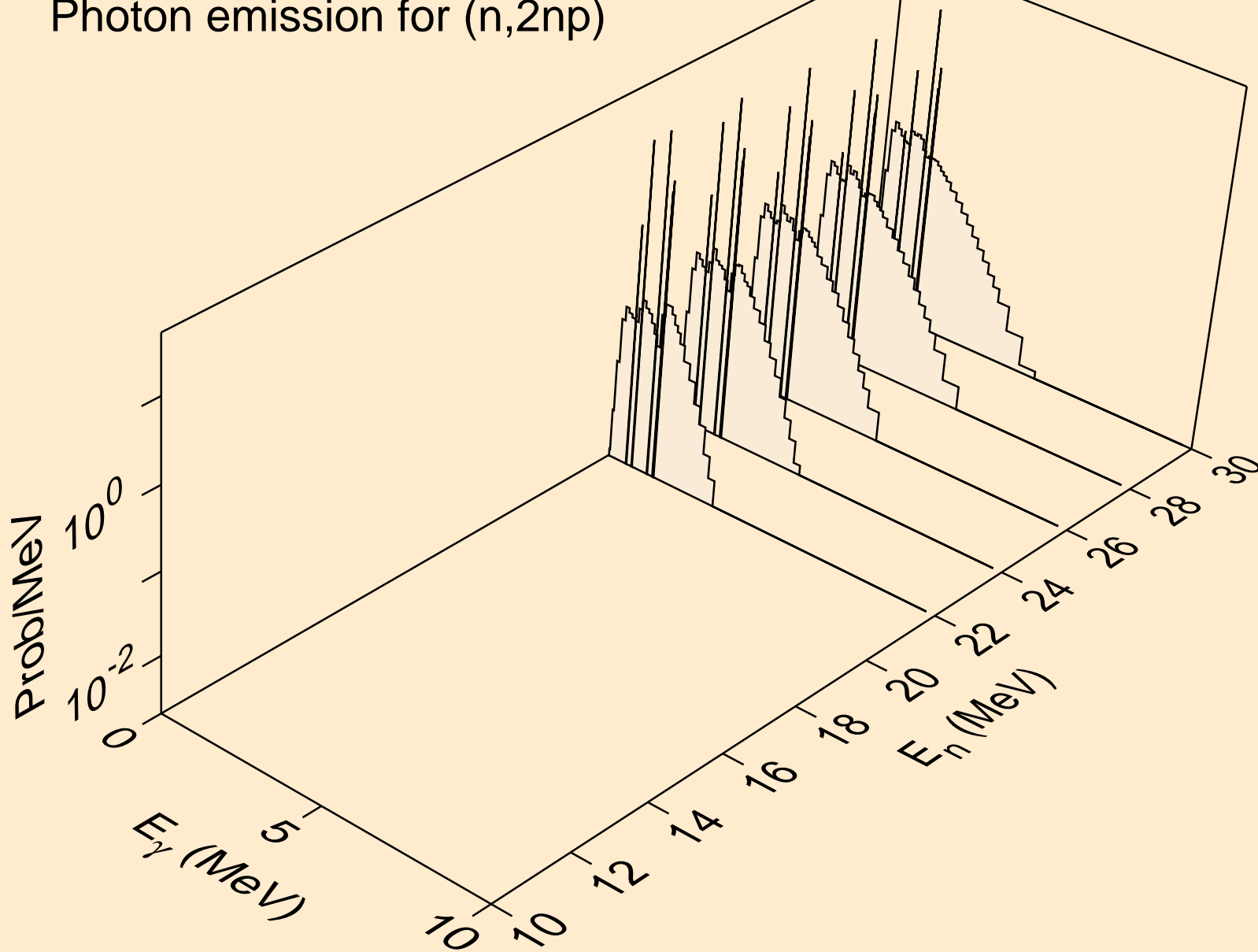
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



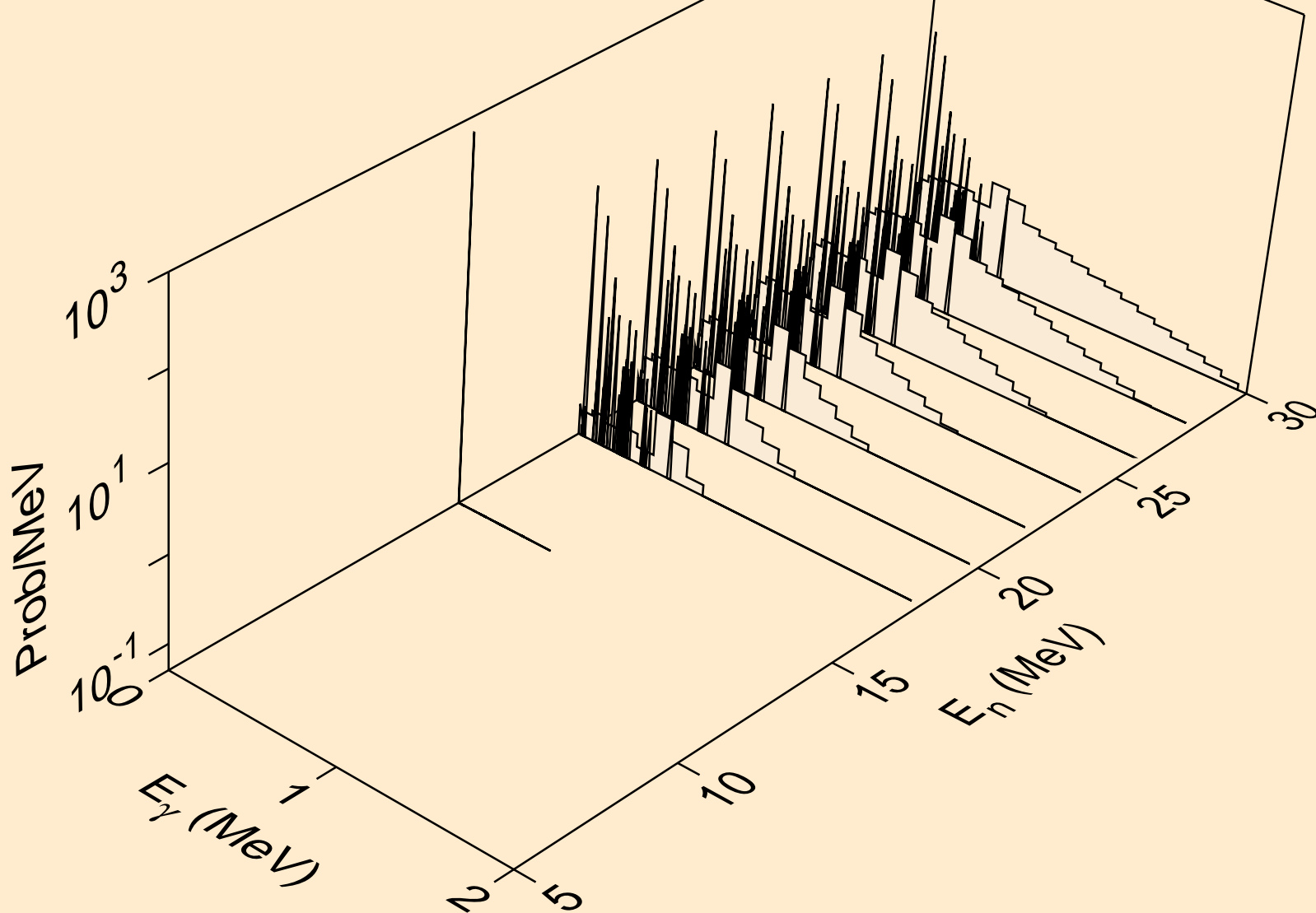
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



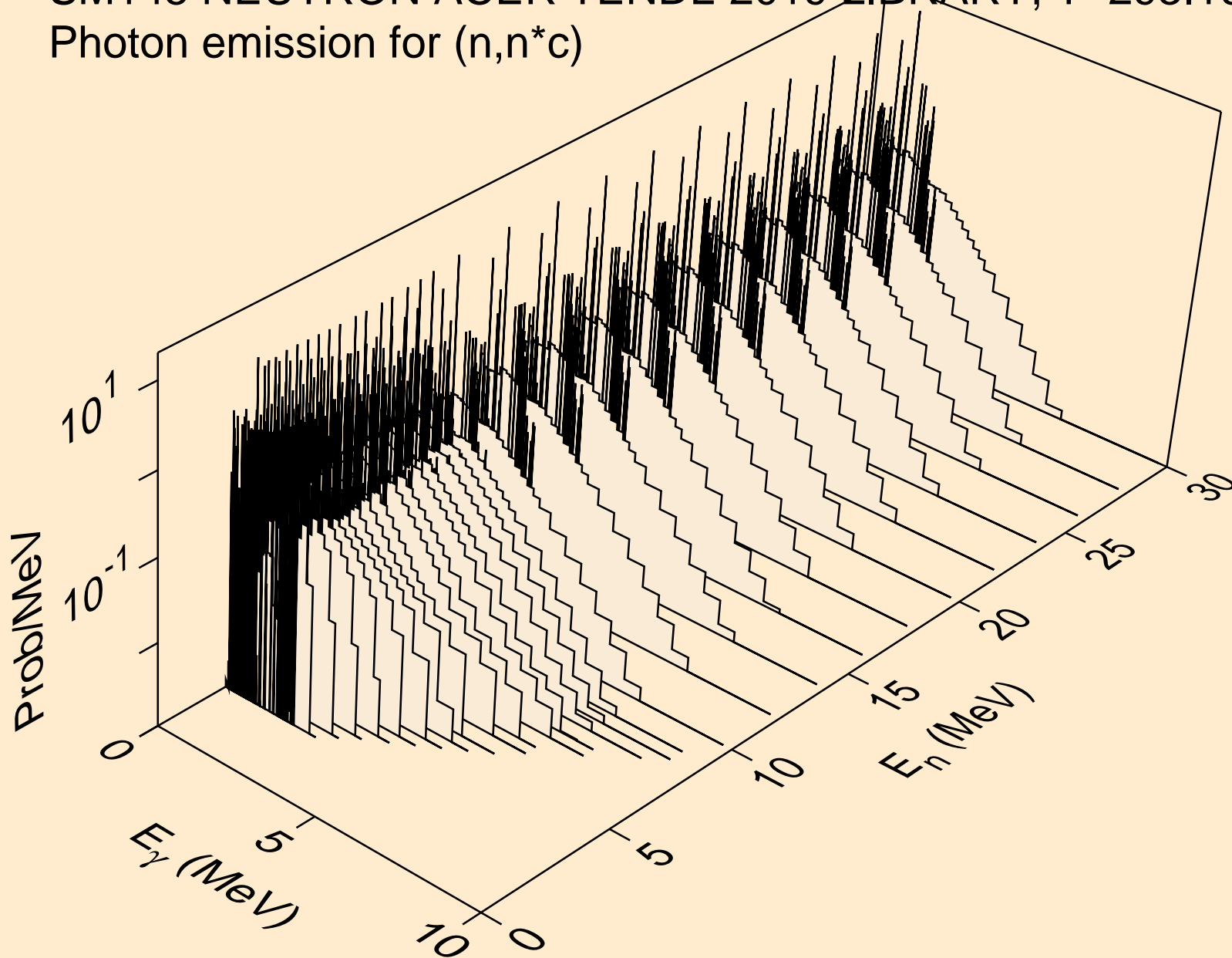
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



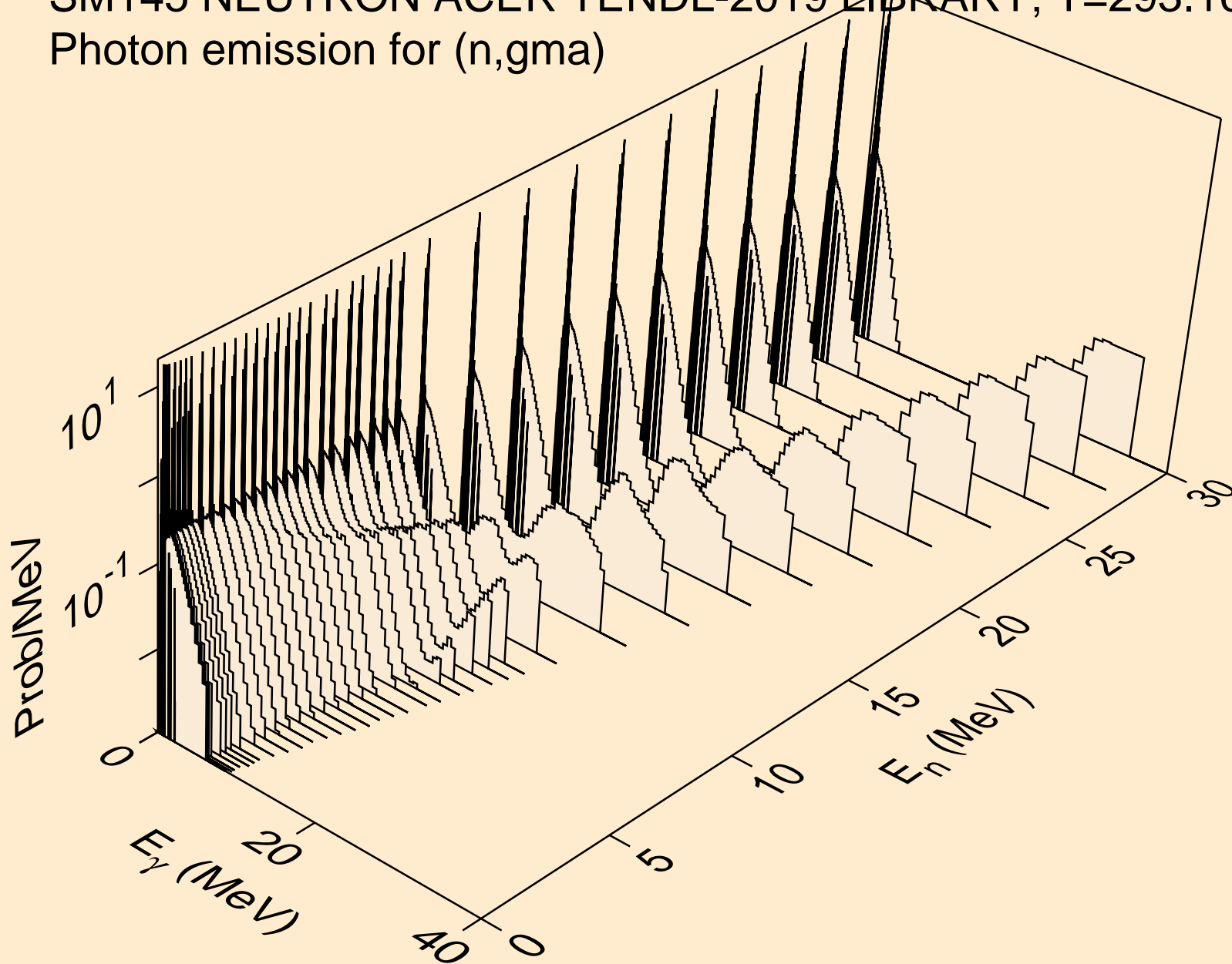
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



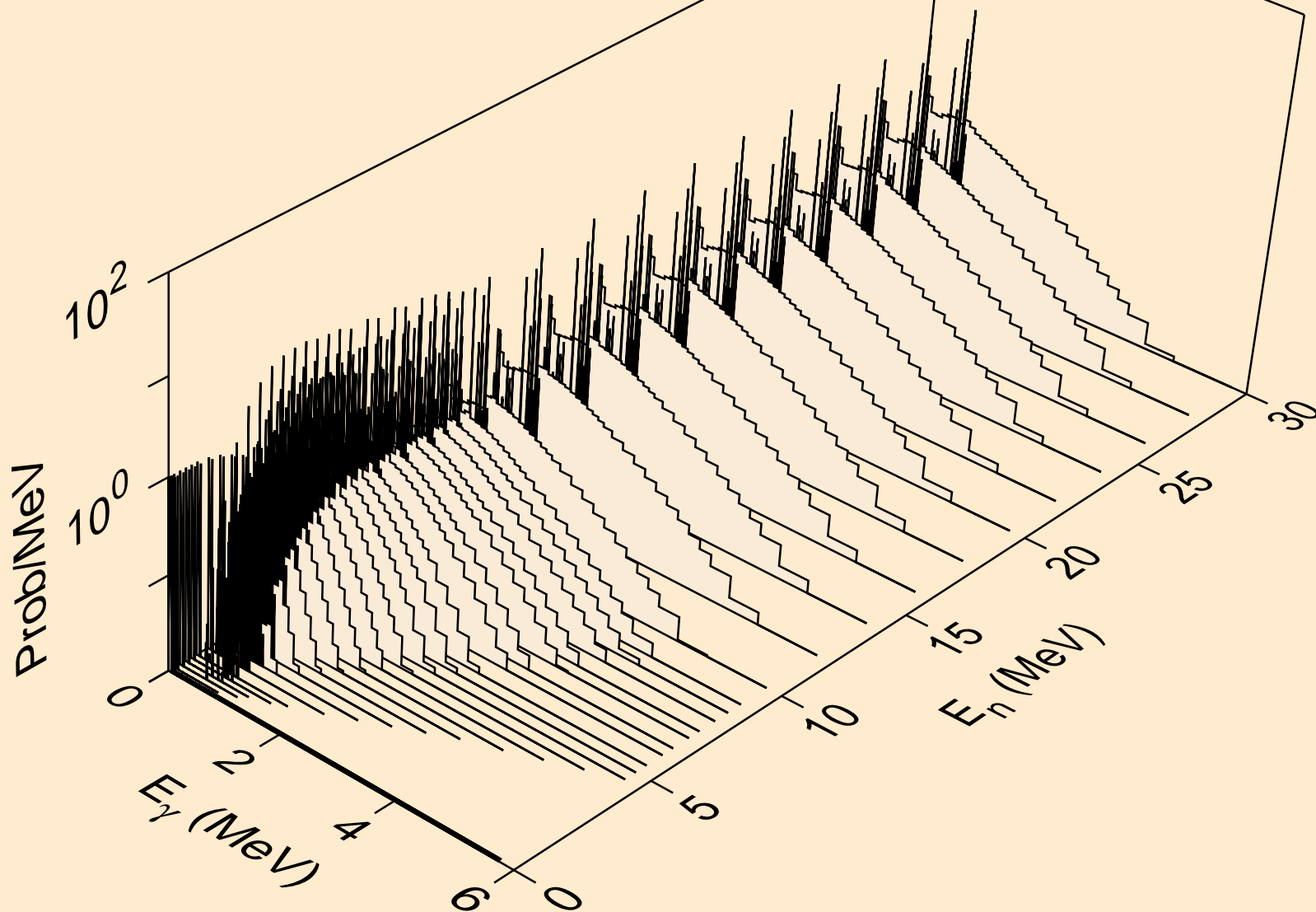
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



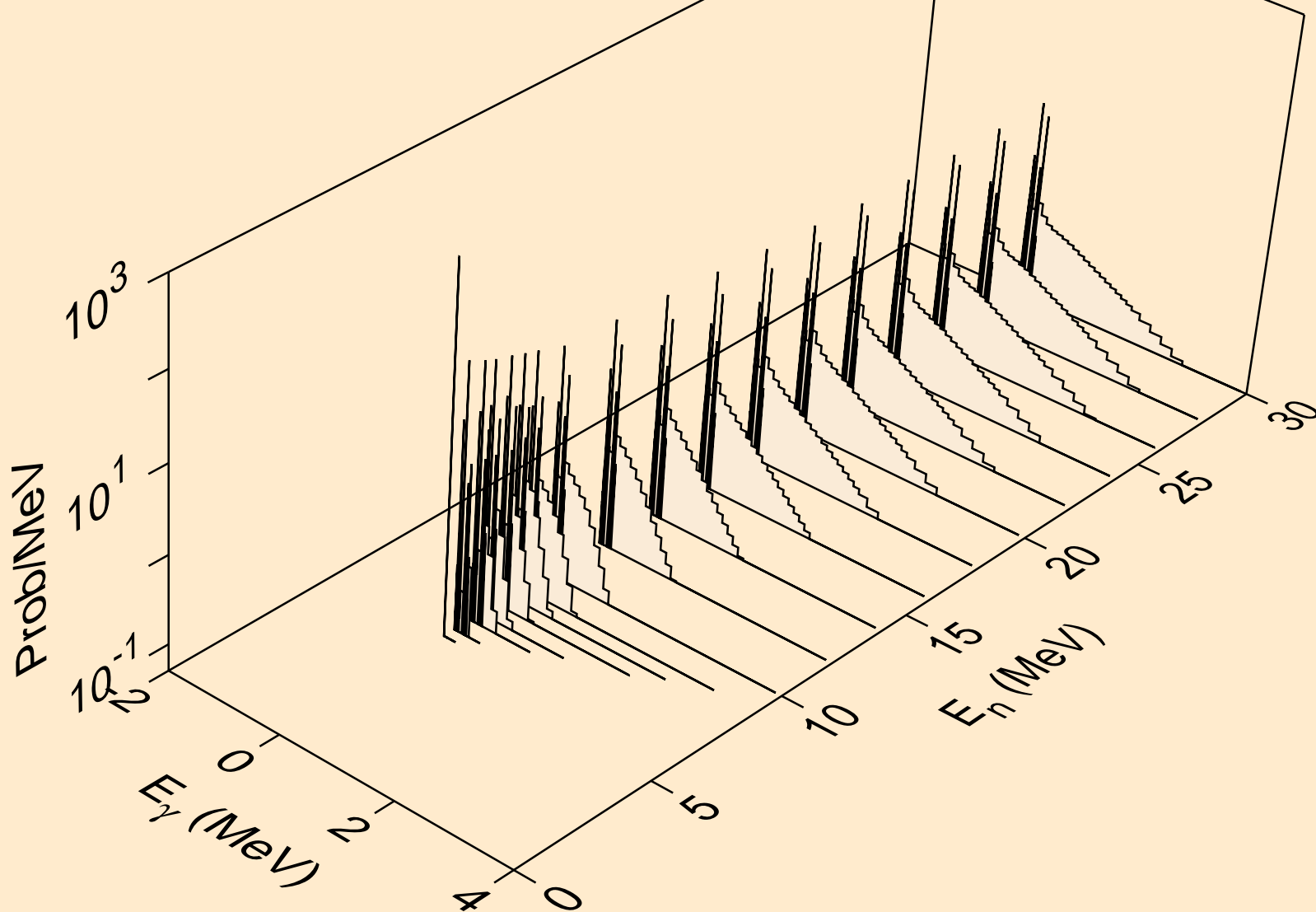
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



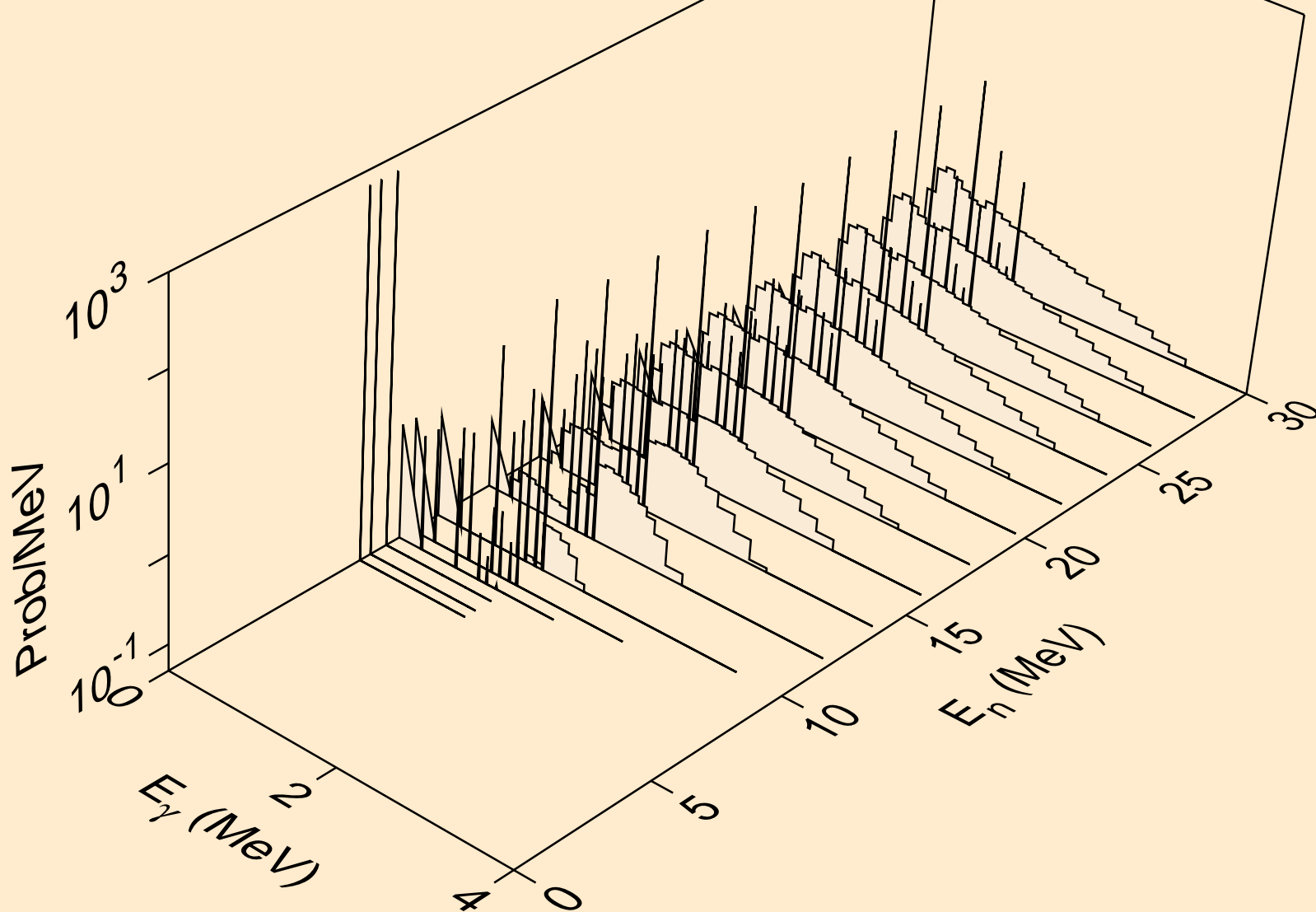
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



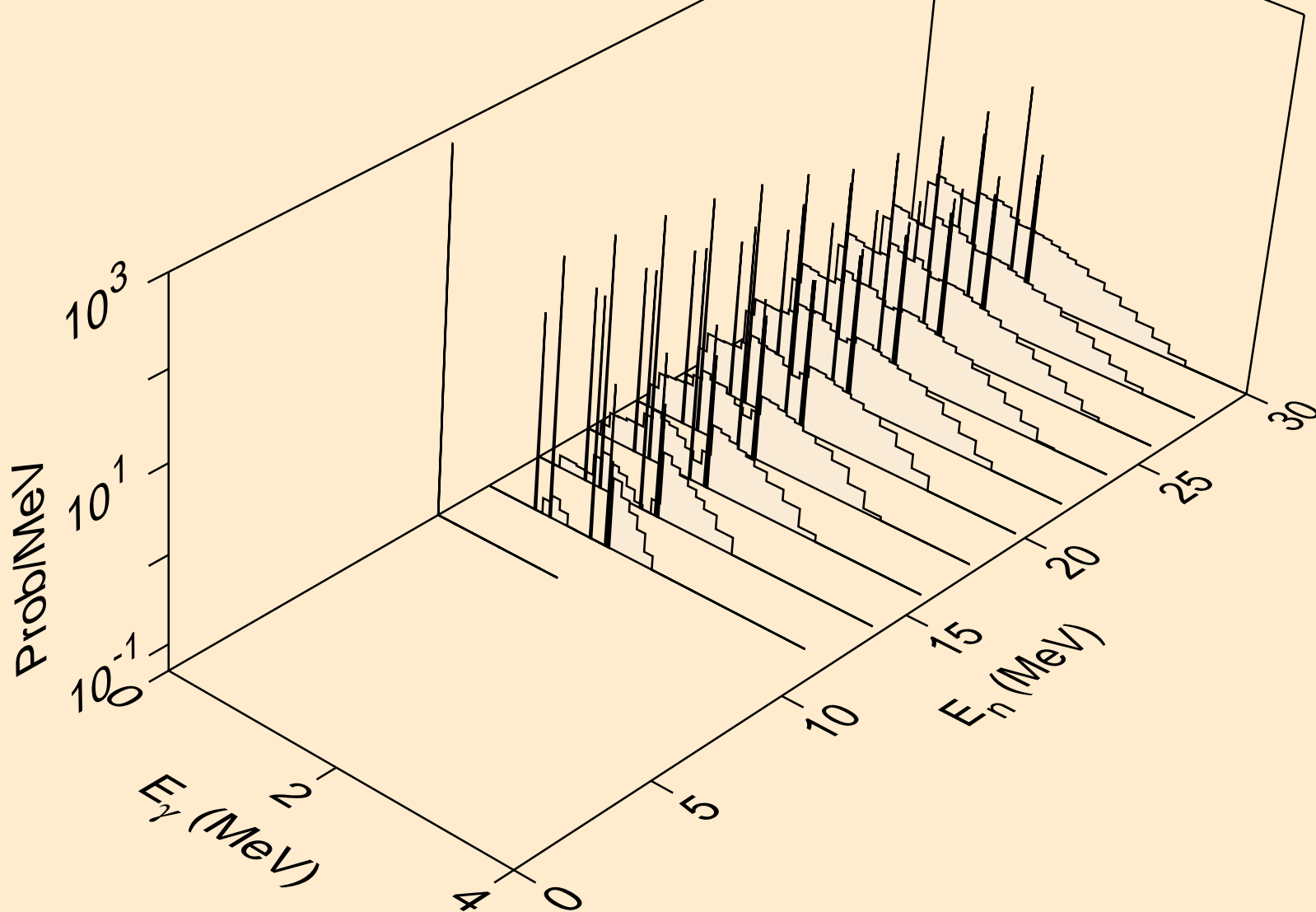
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



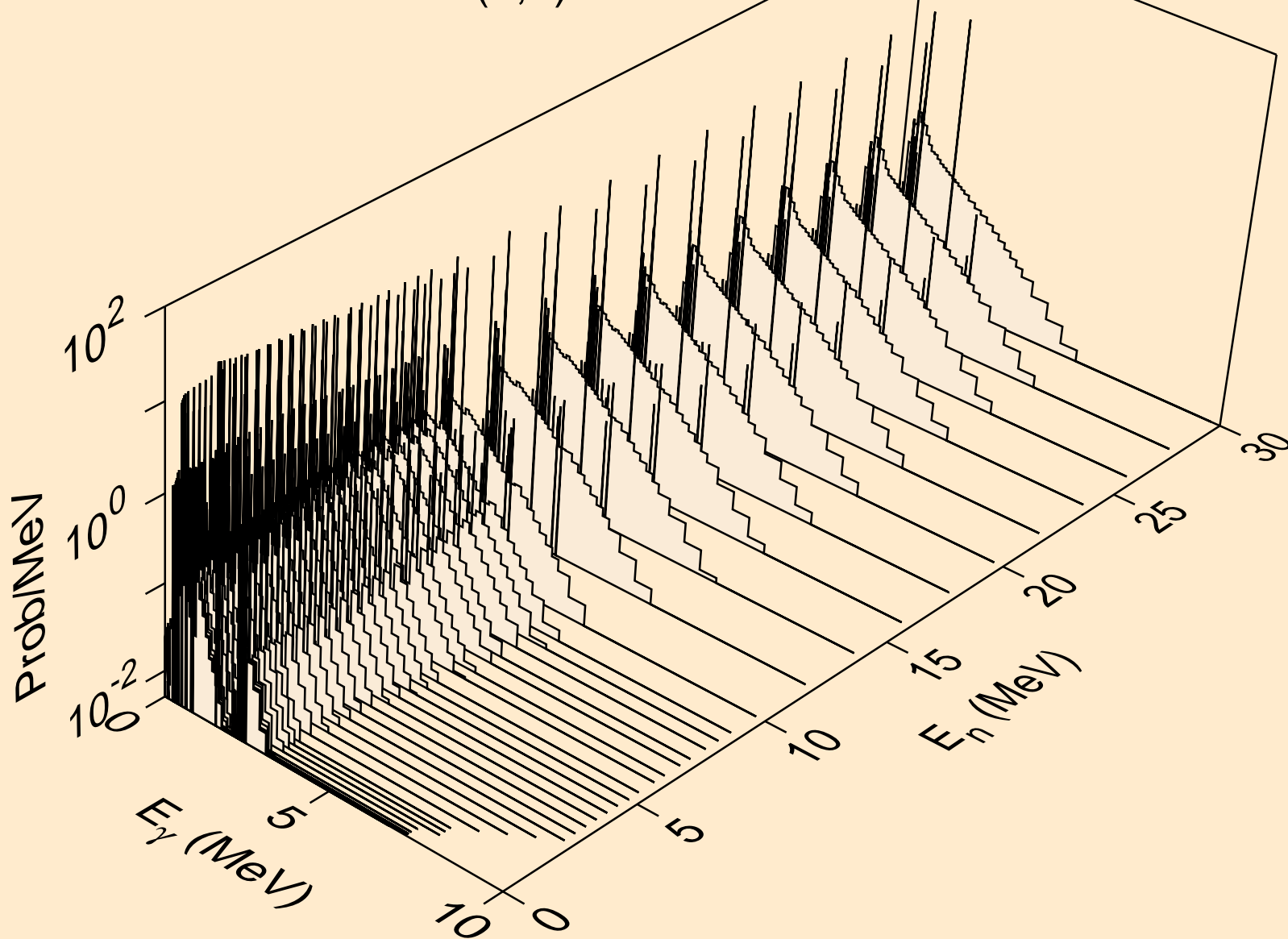
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



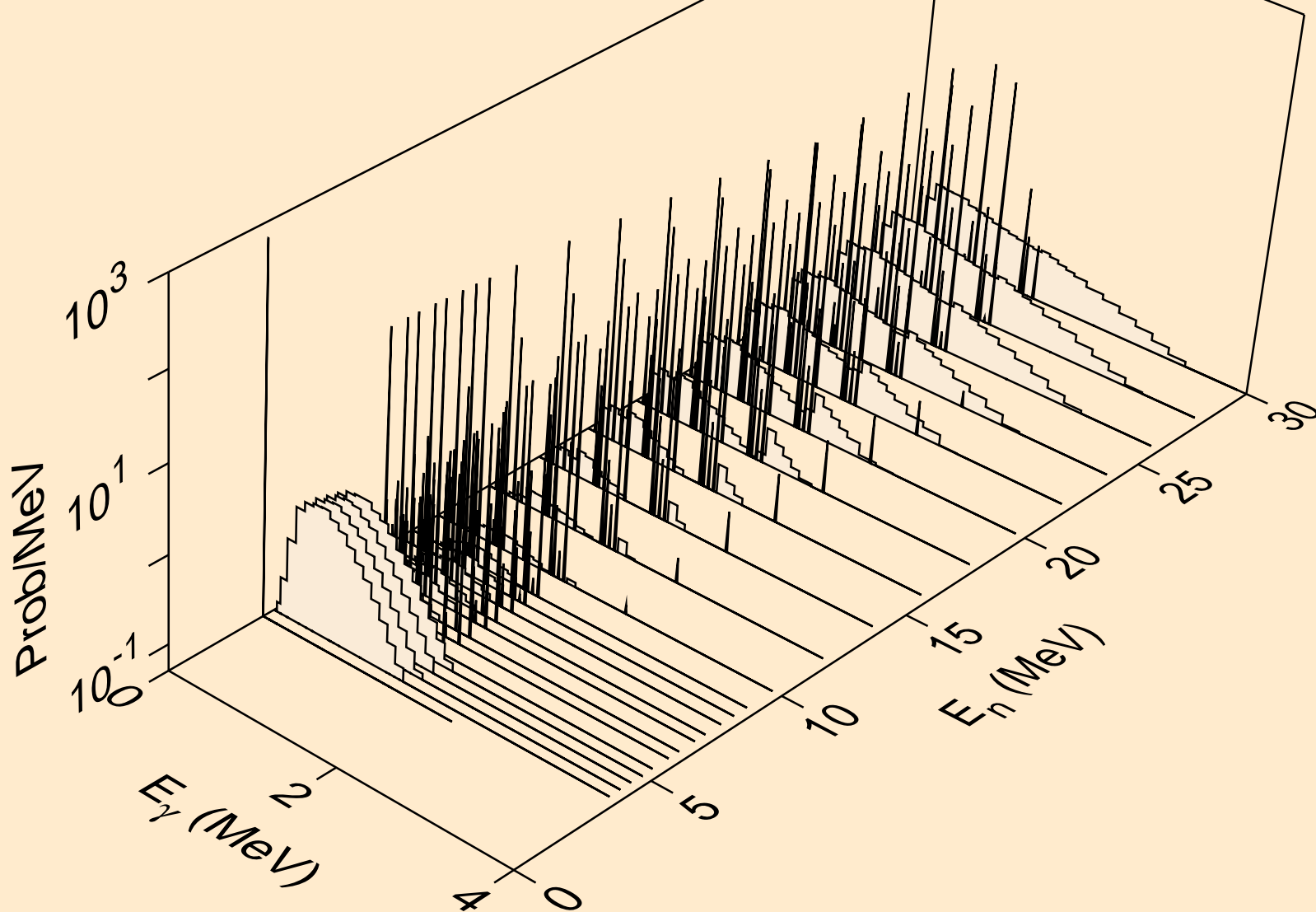
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



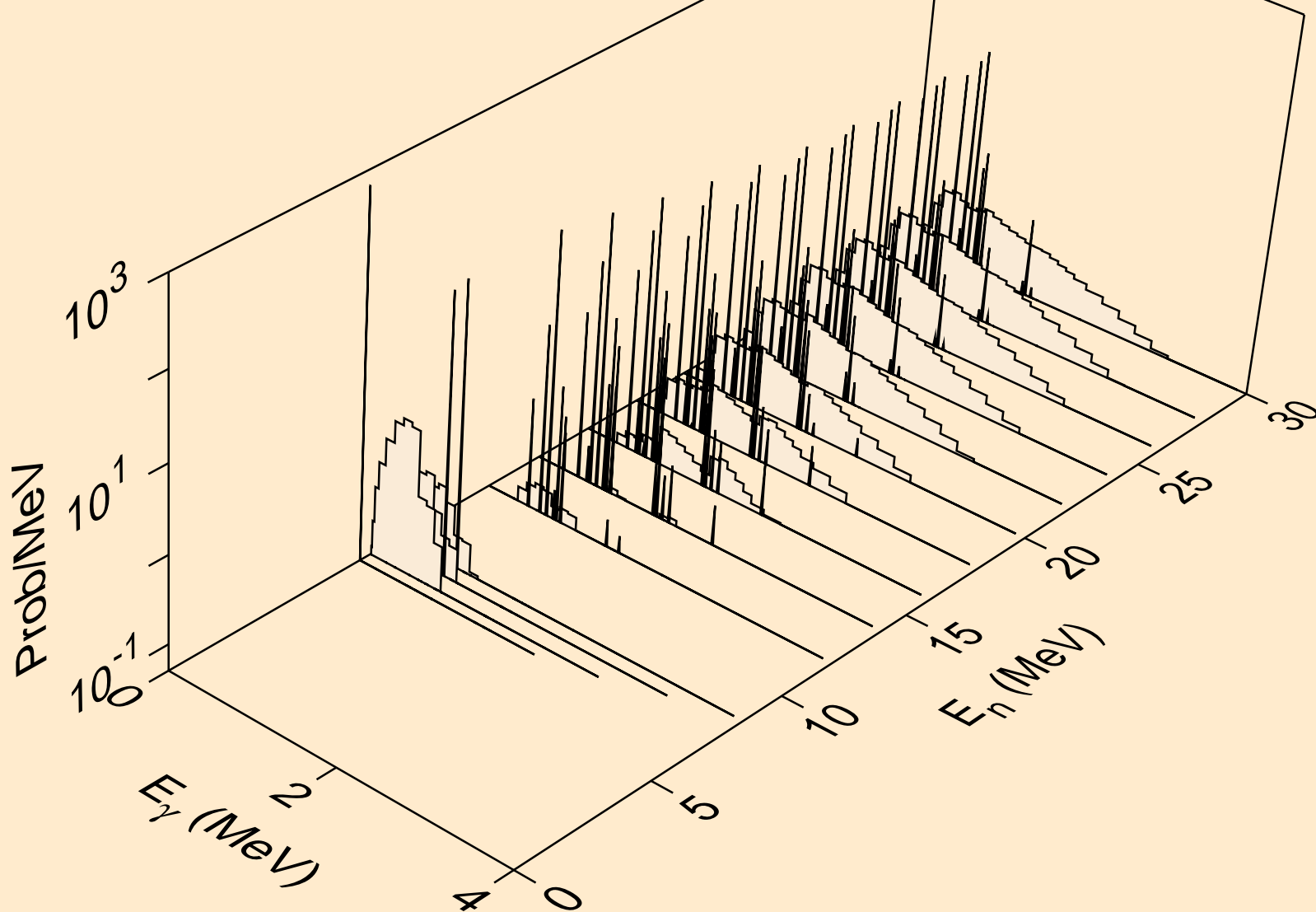
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



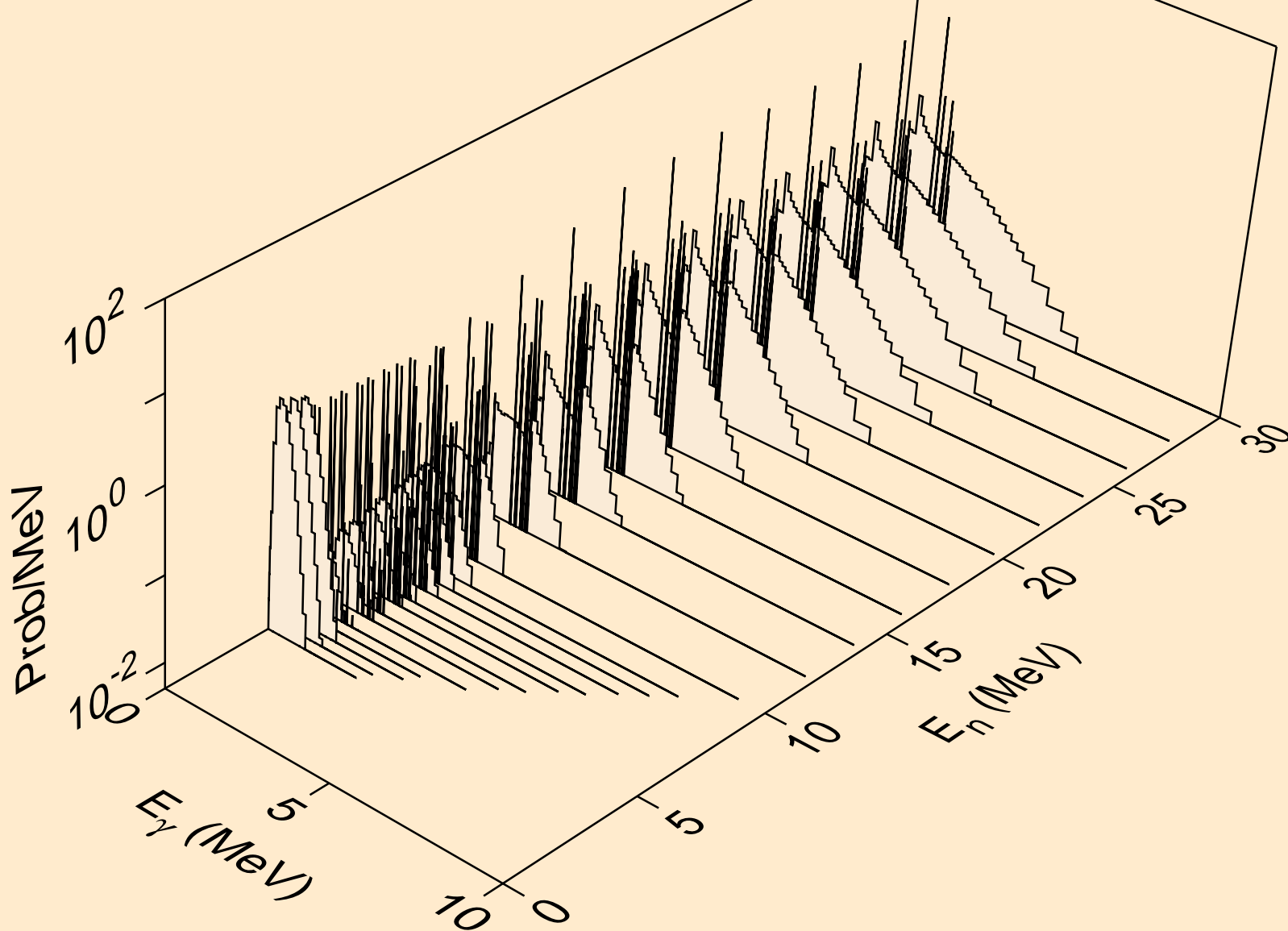
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



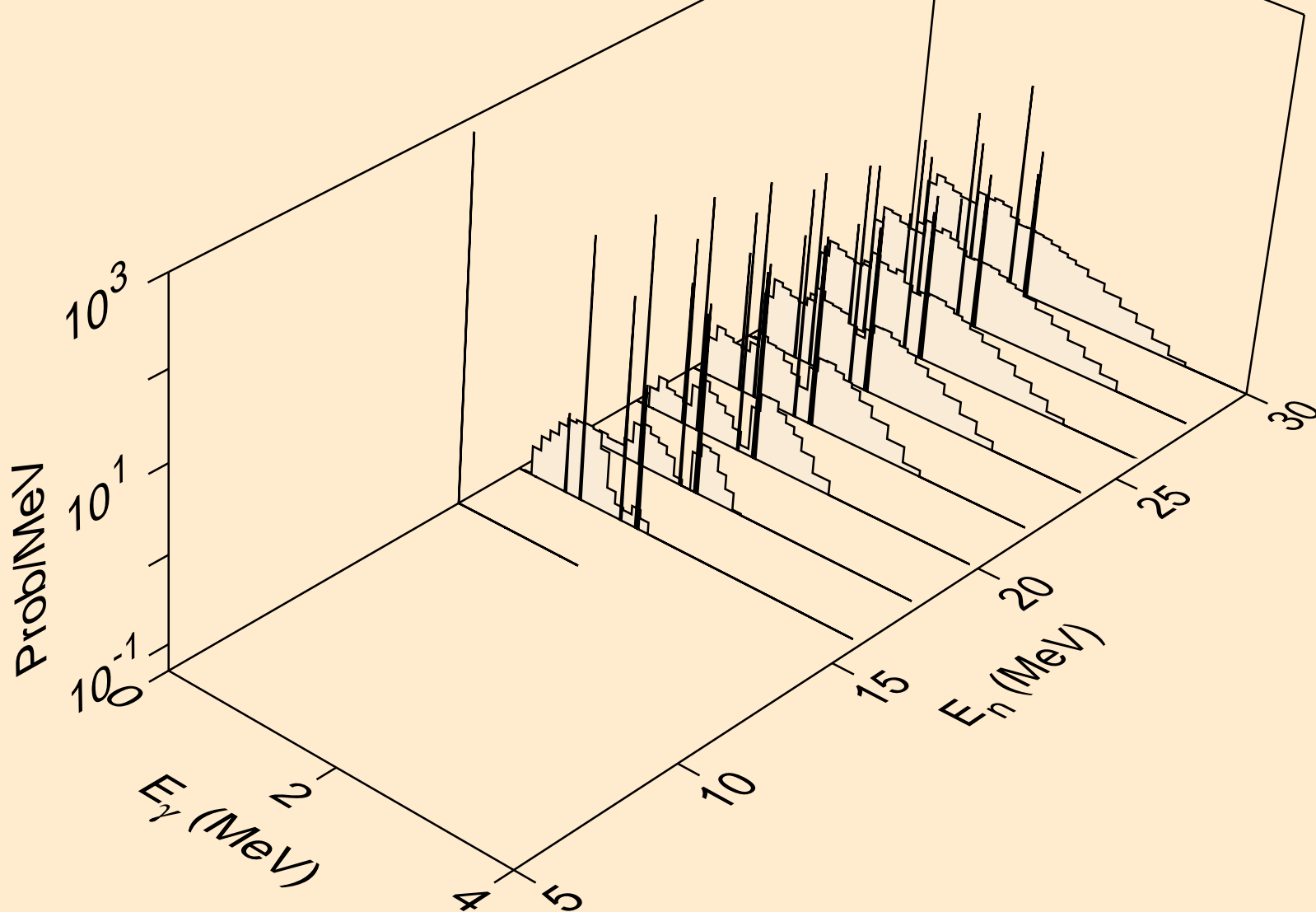
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



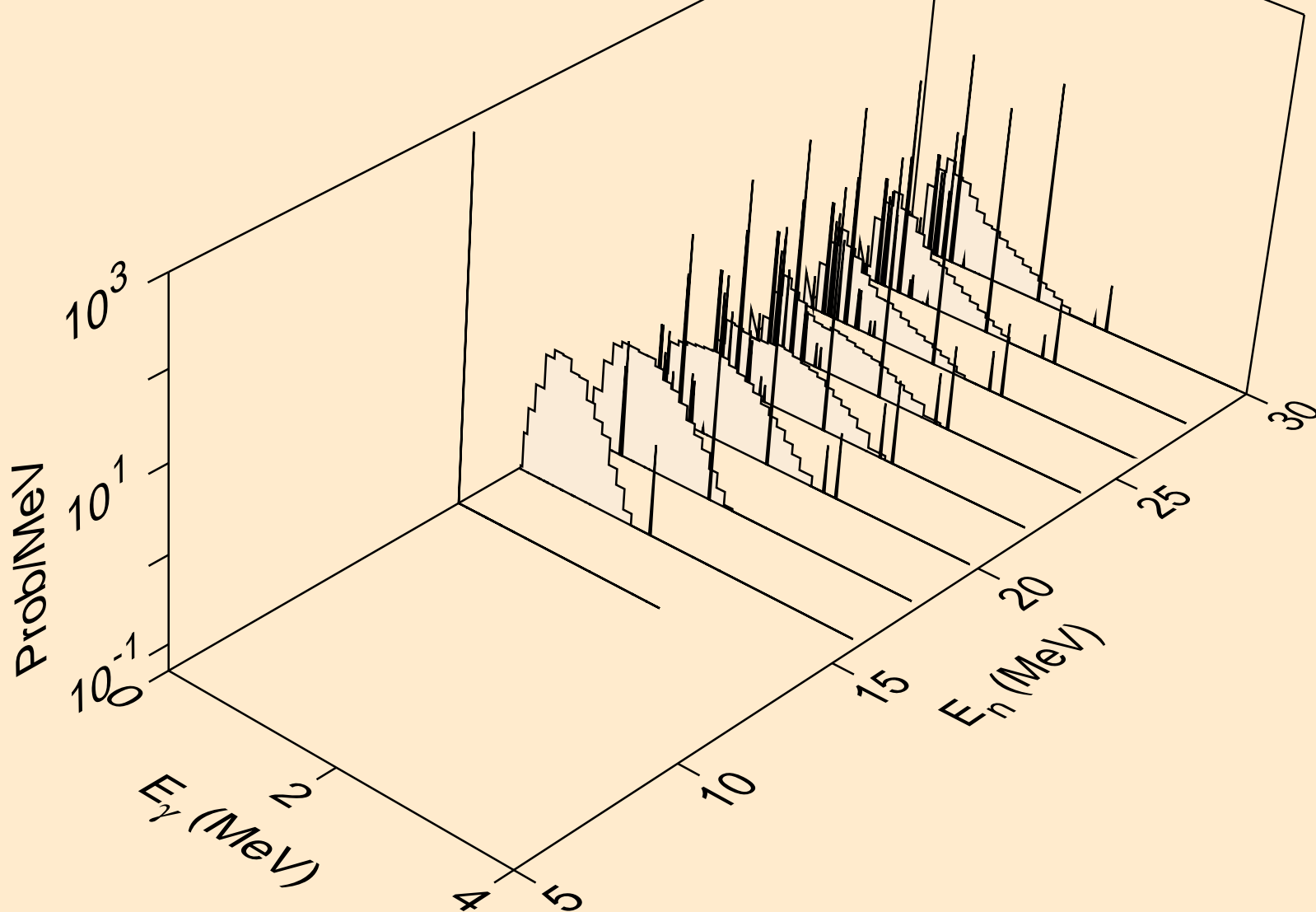
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



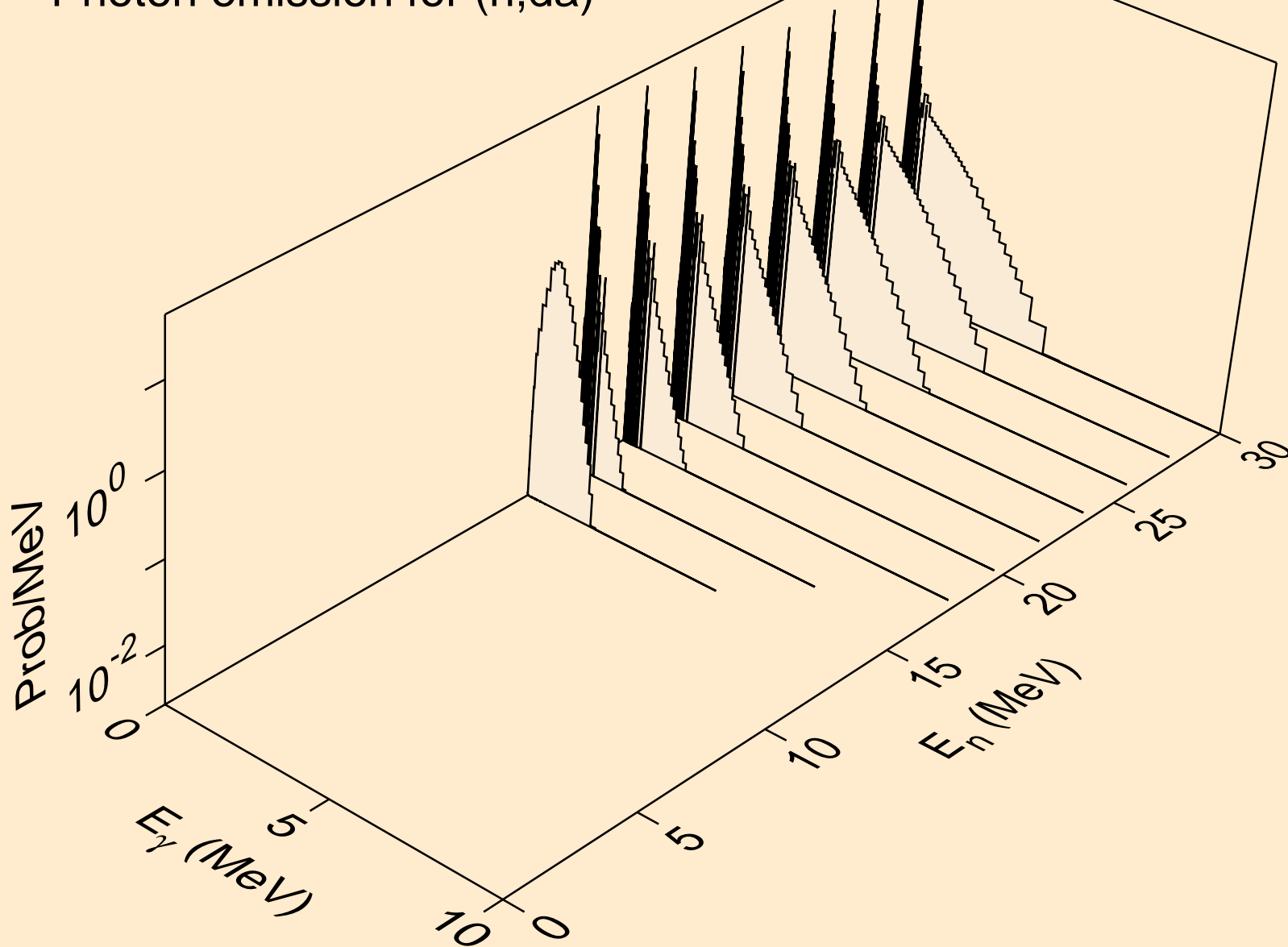
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



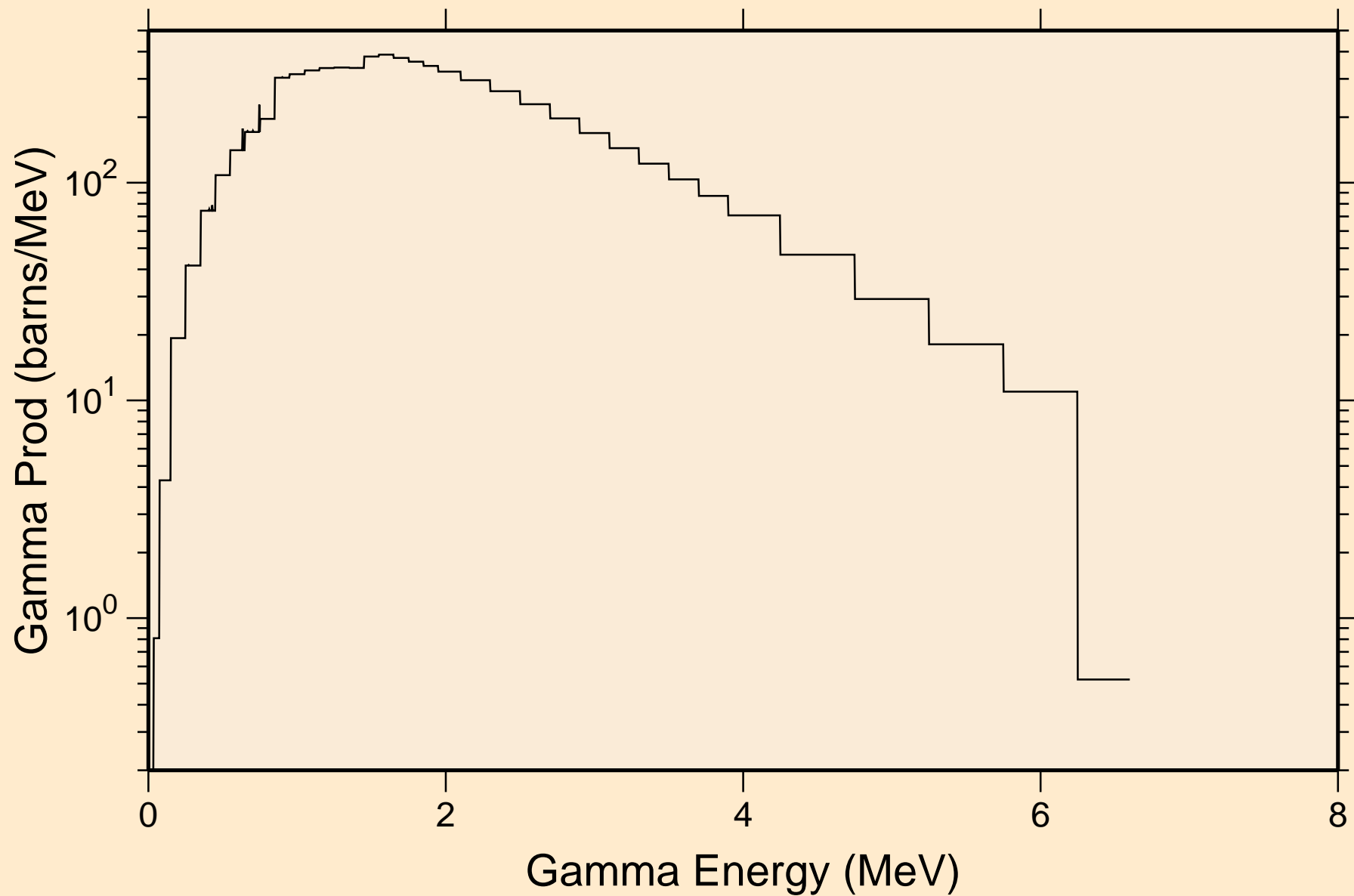
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



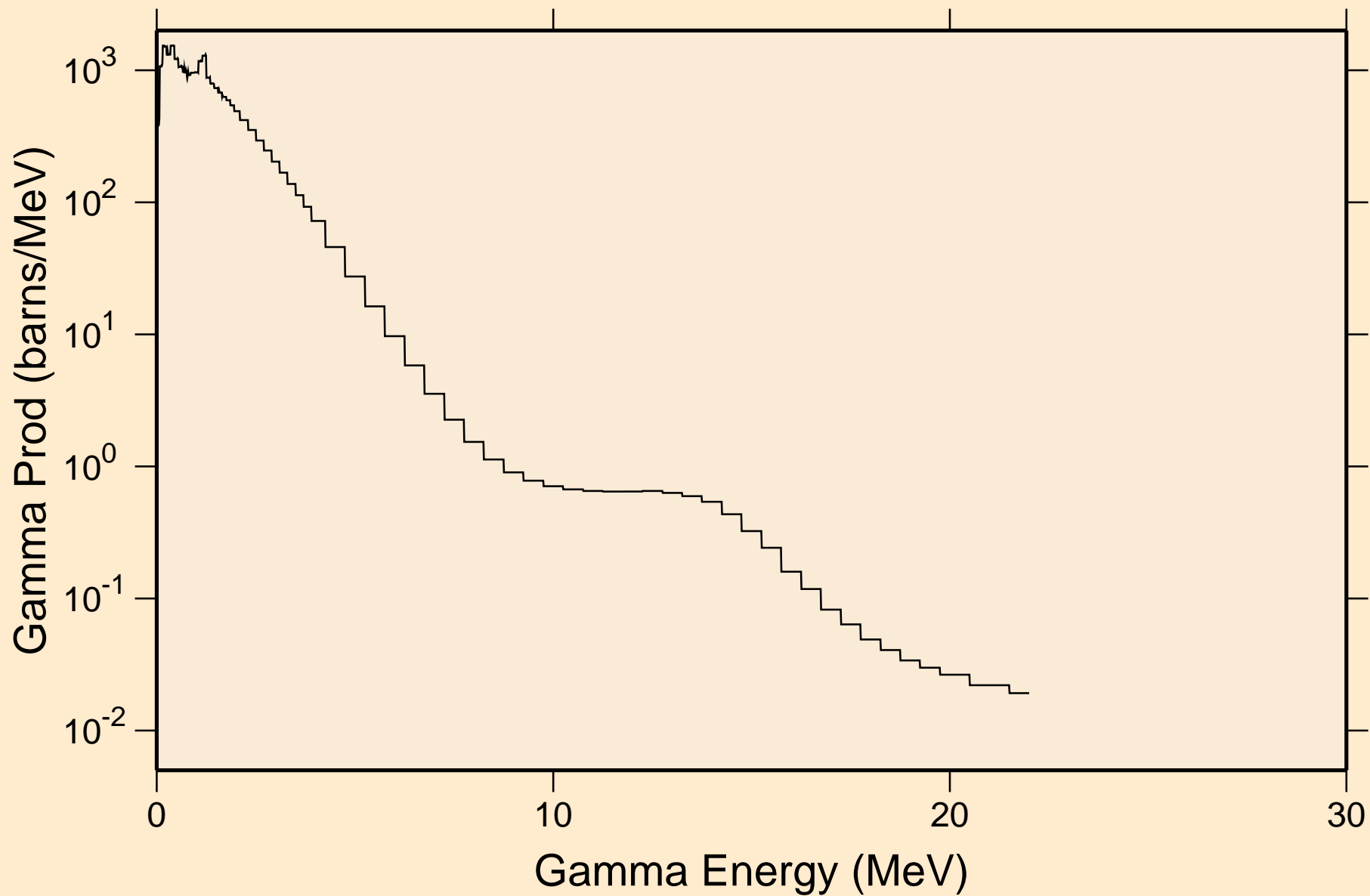
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

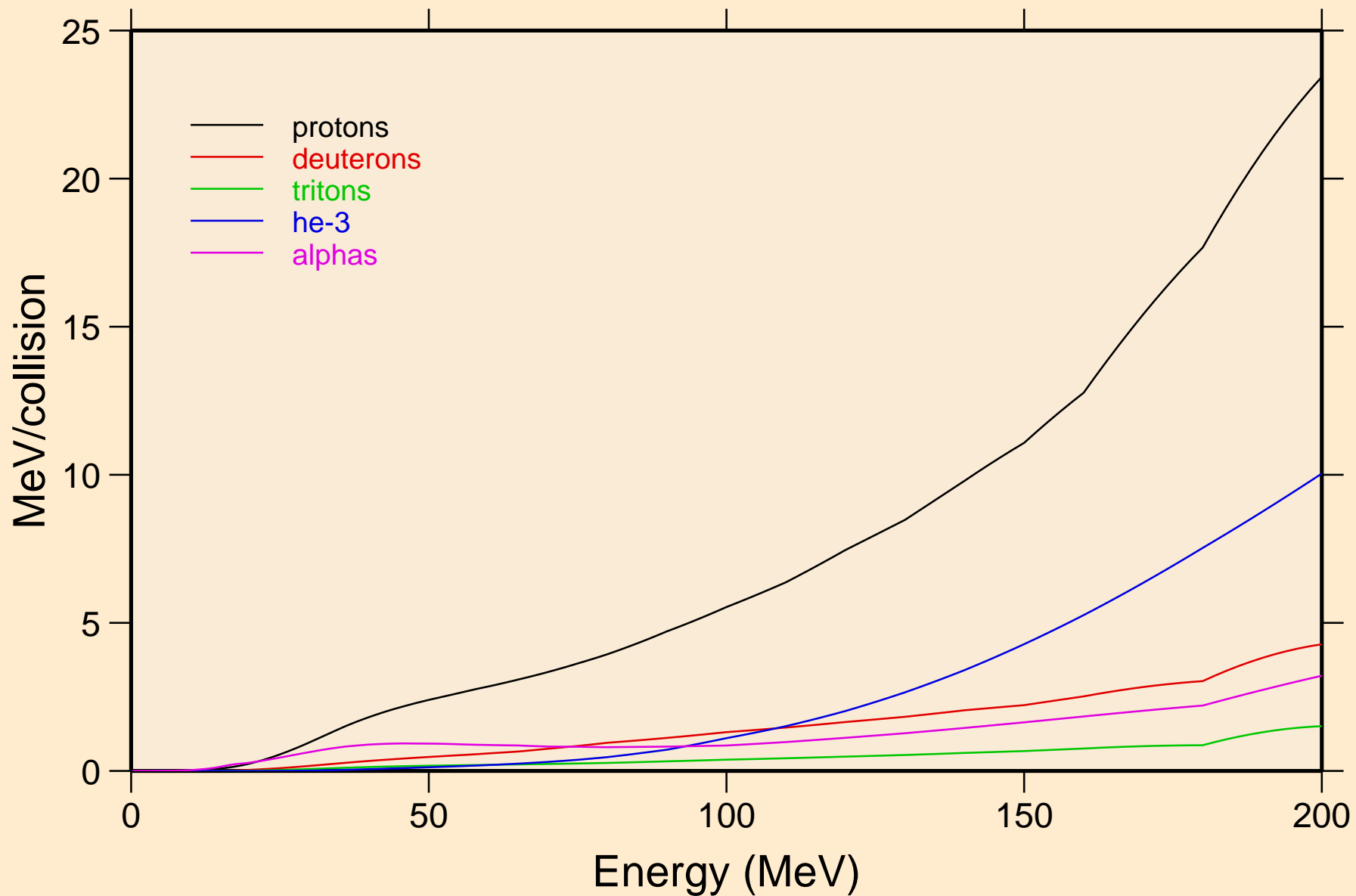


SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

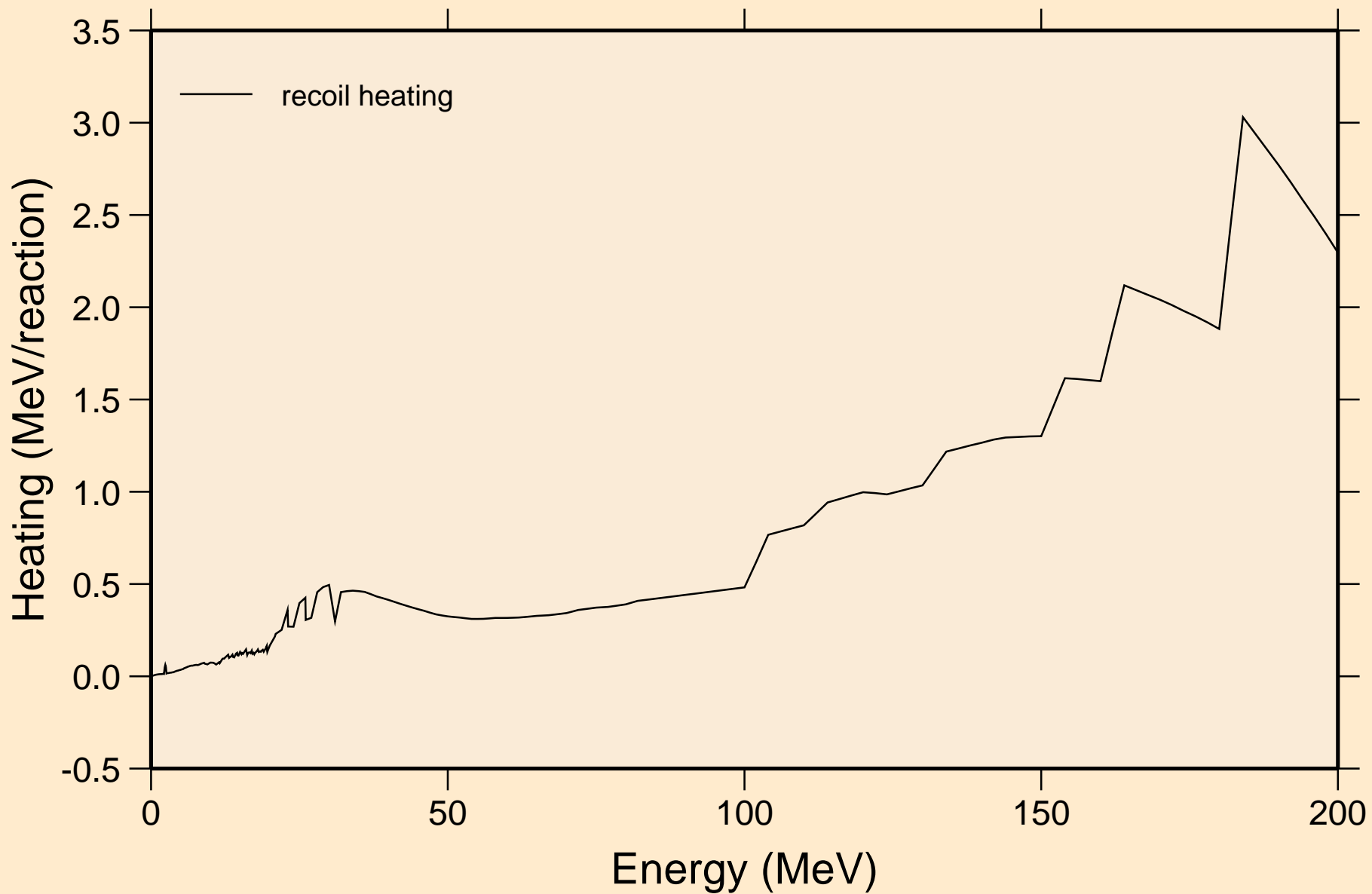


SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

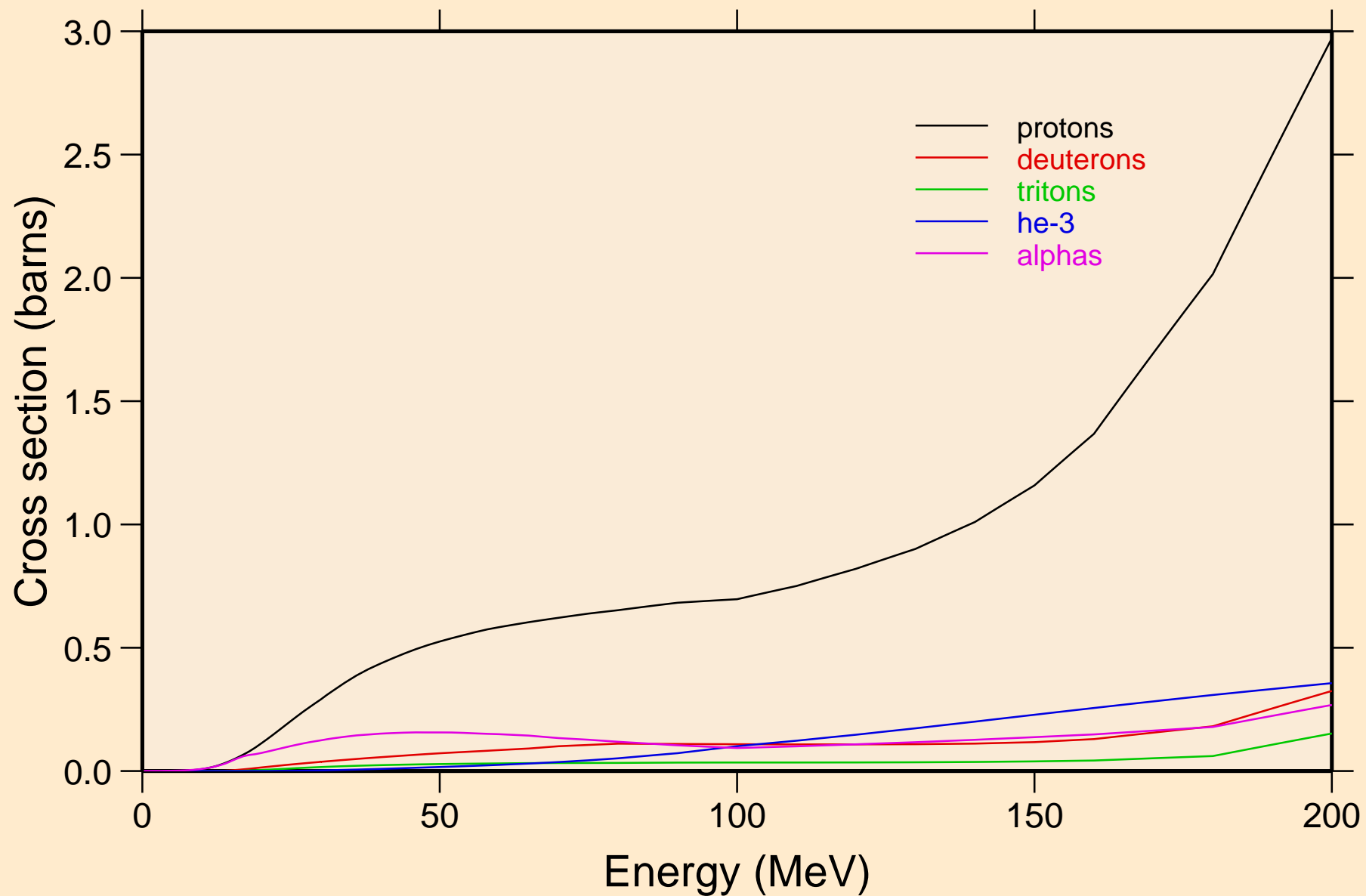
Particle heating contributions



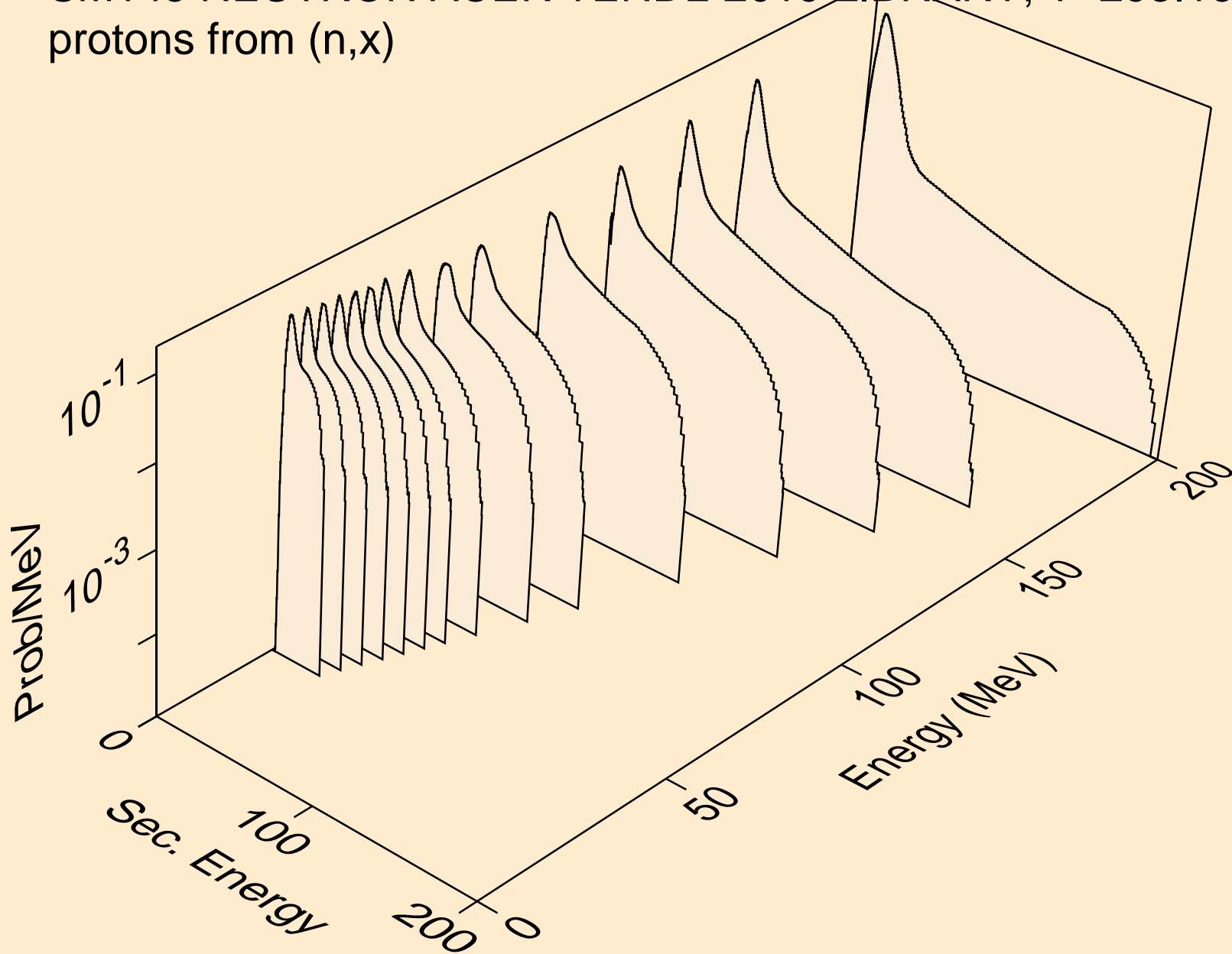
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



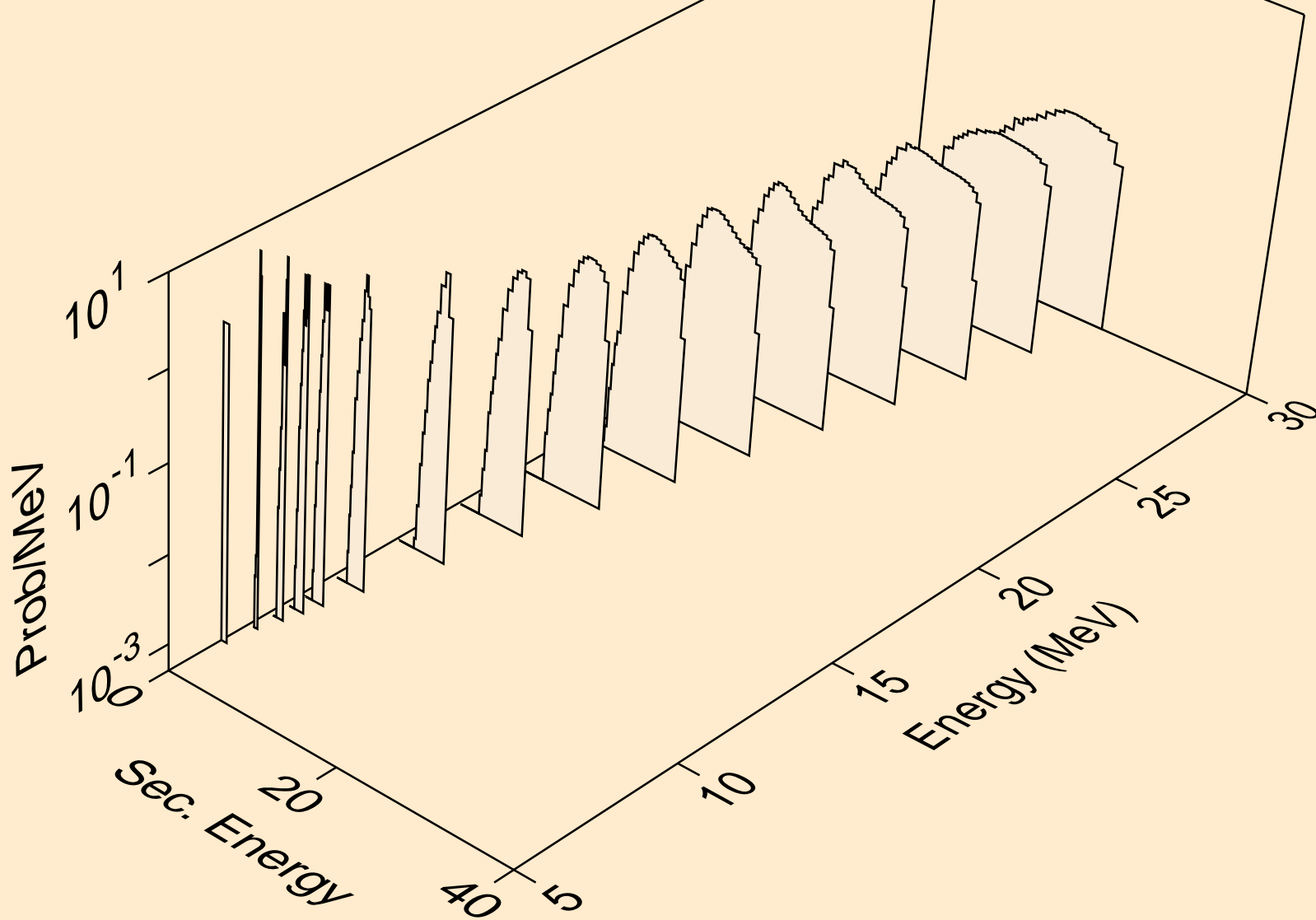
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



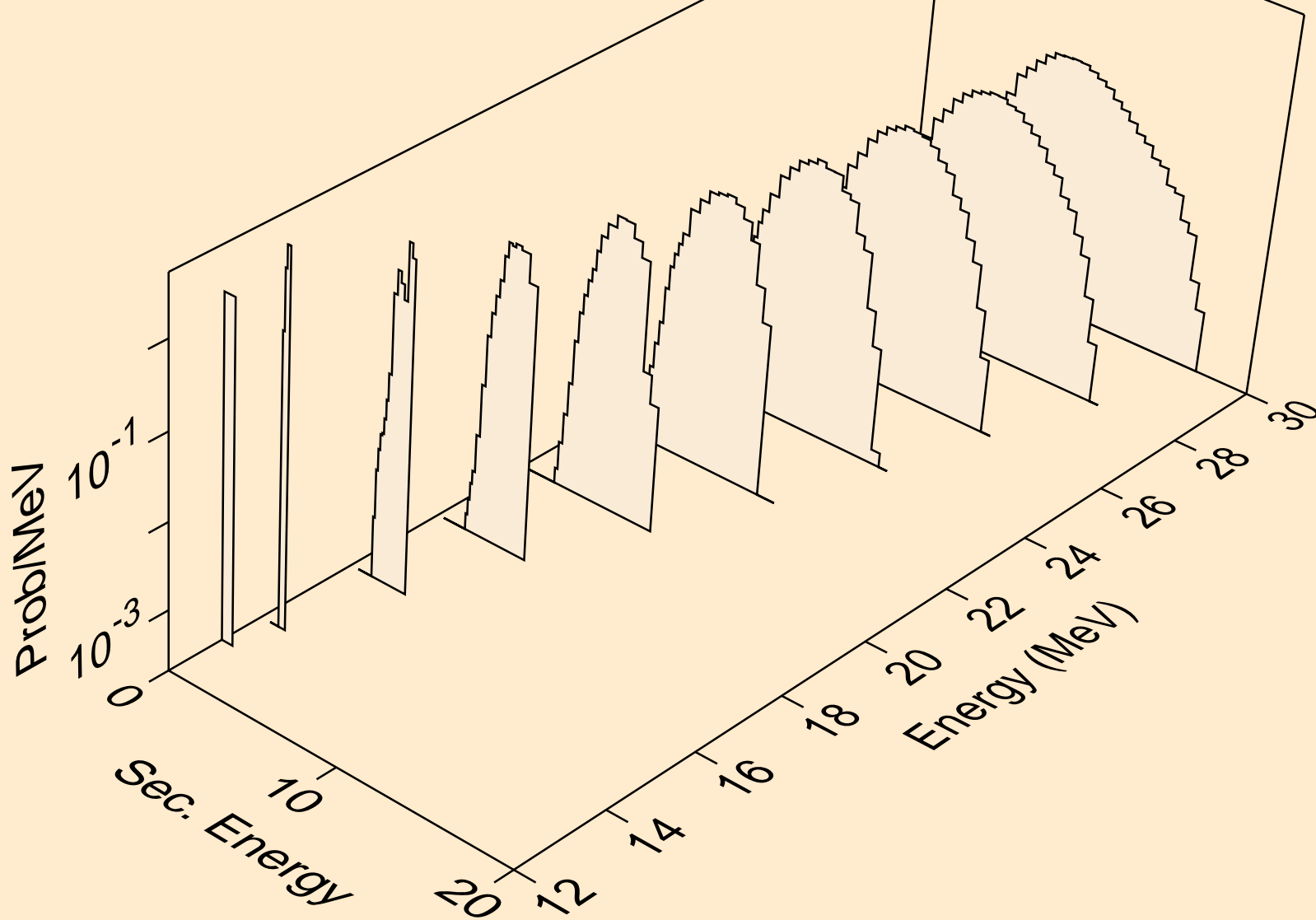
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



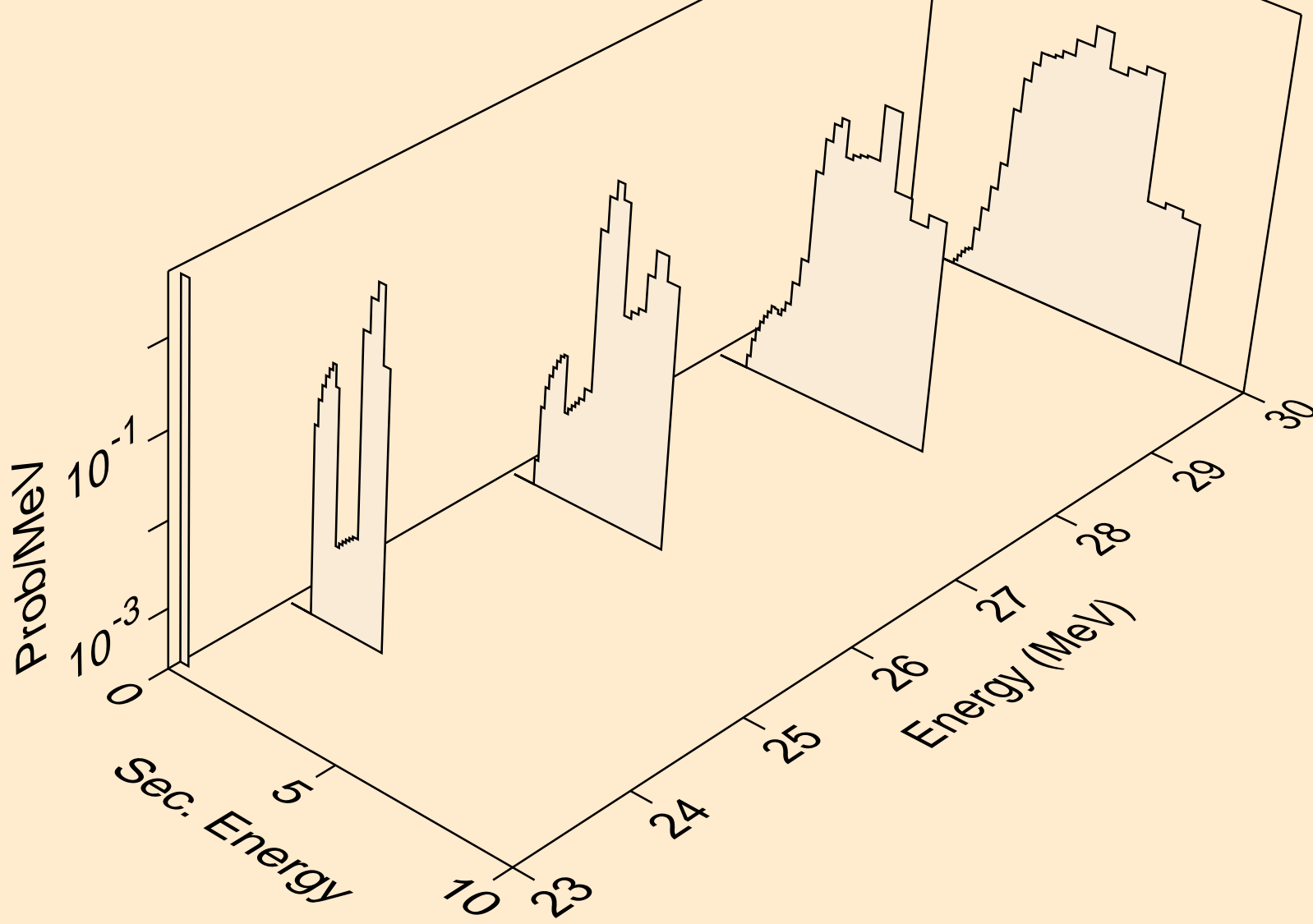
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



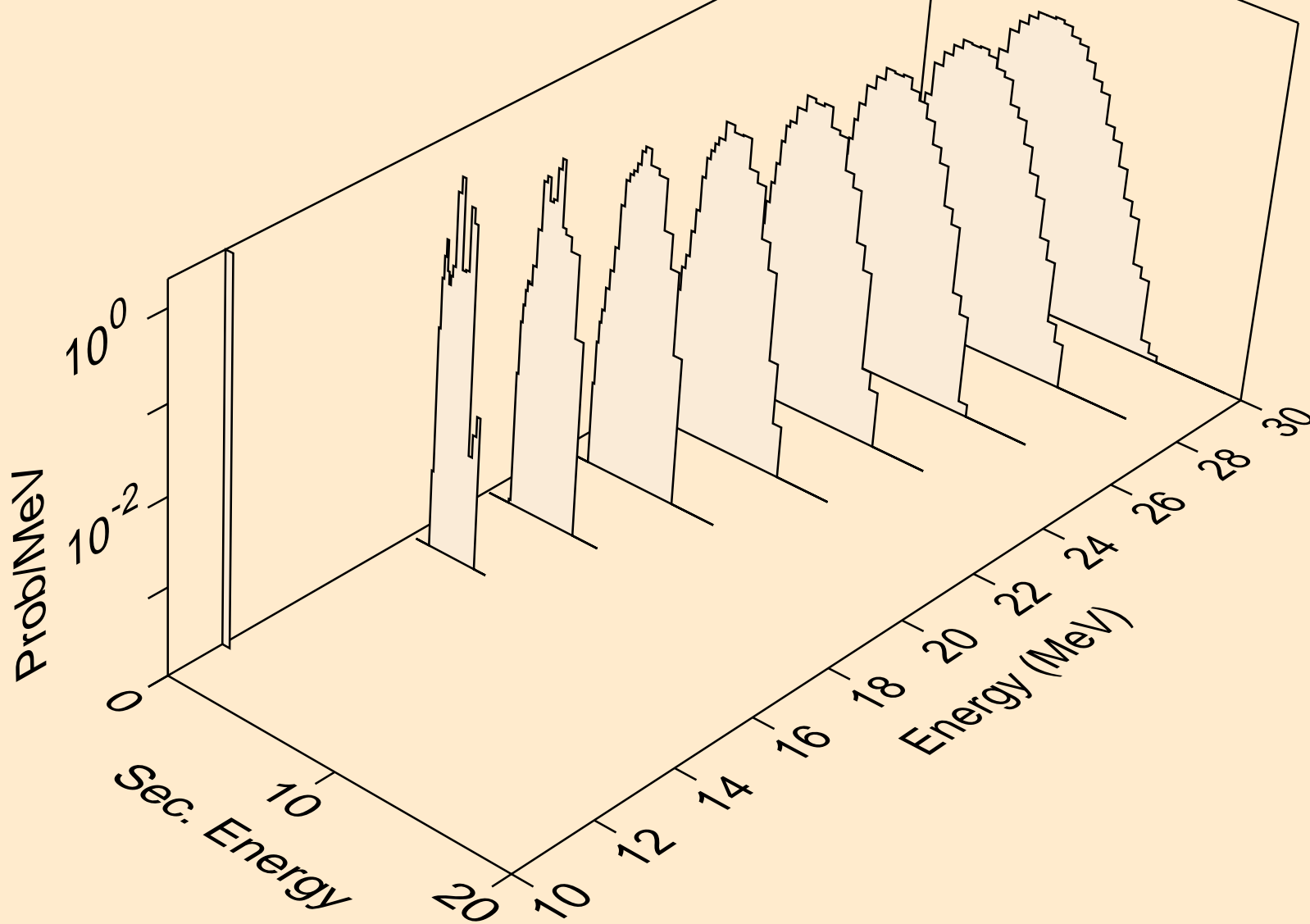
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



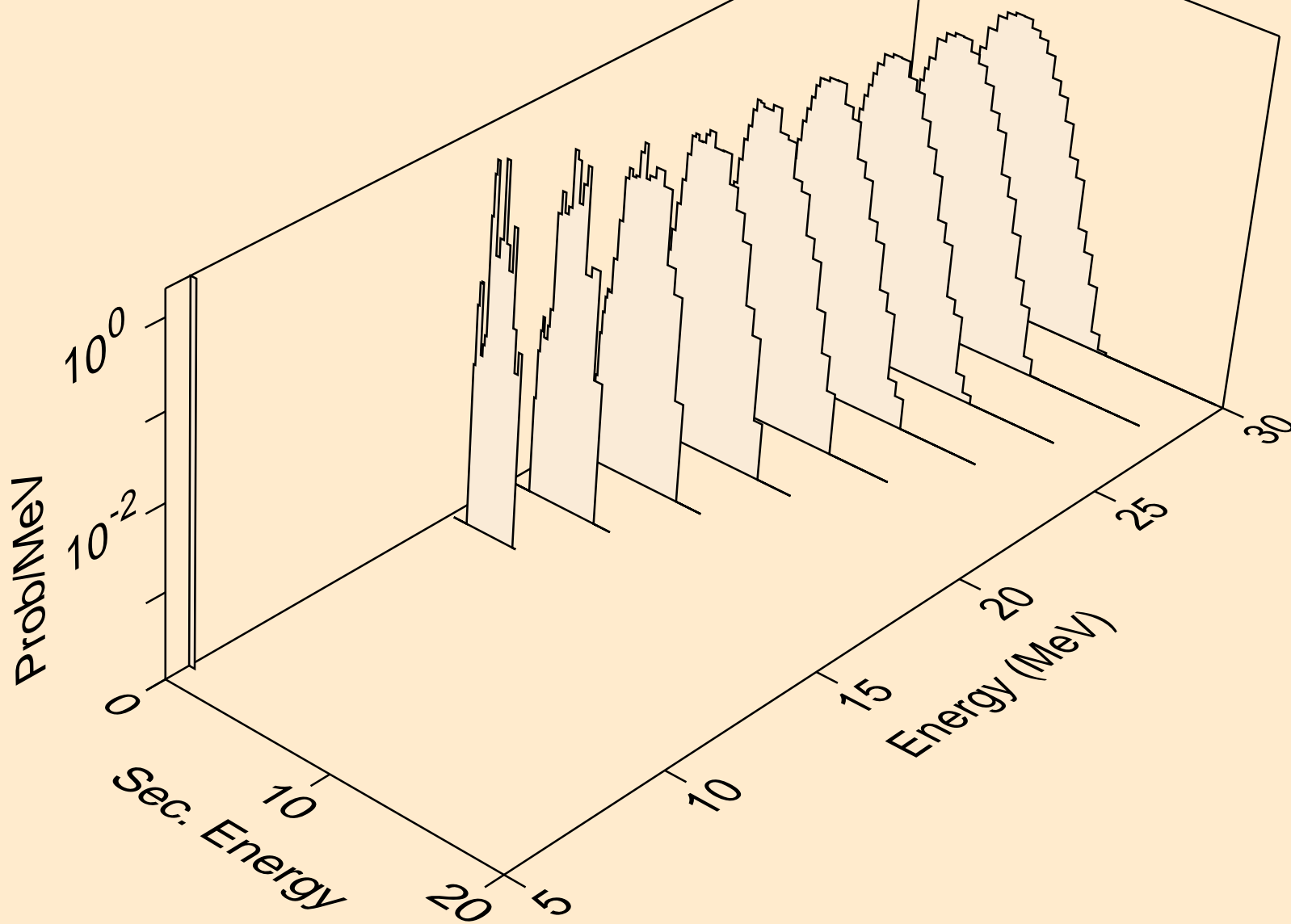
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



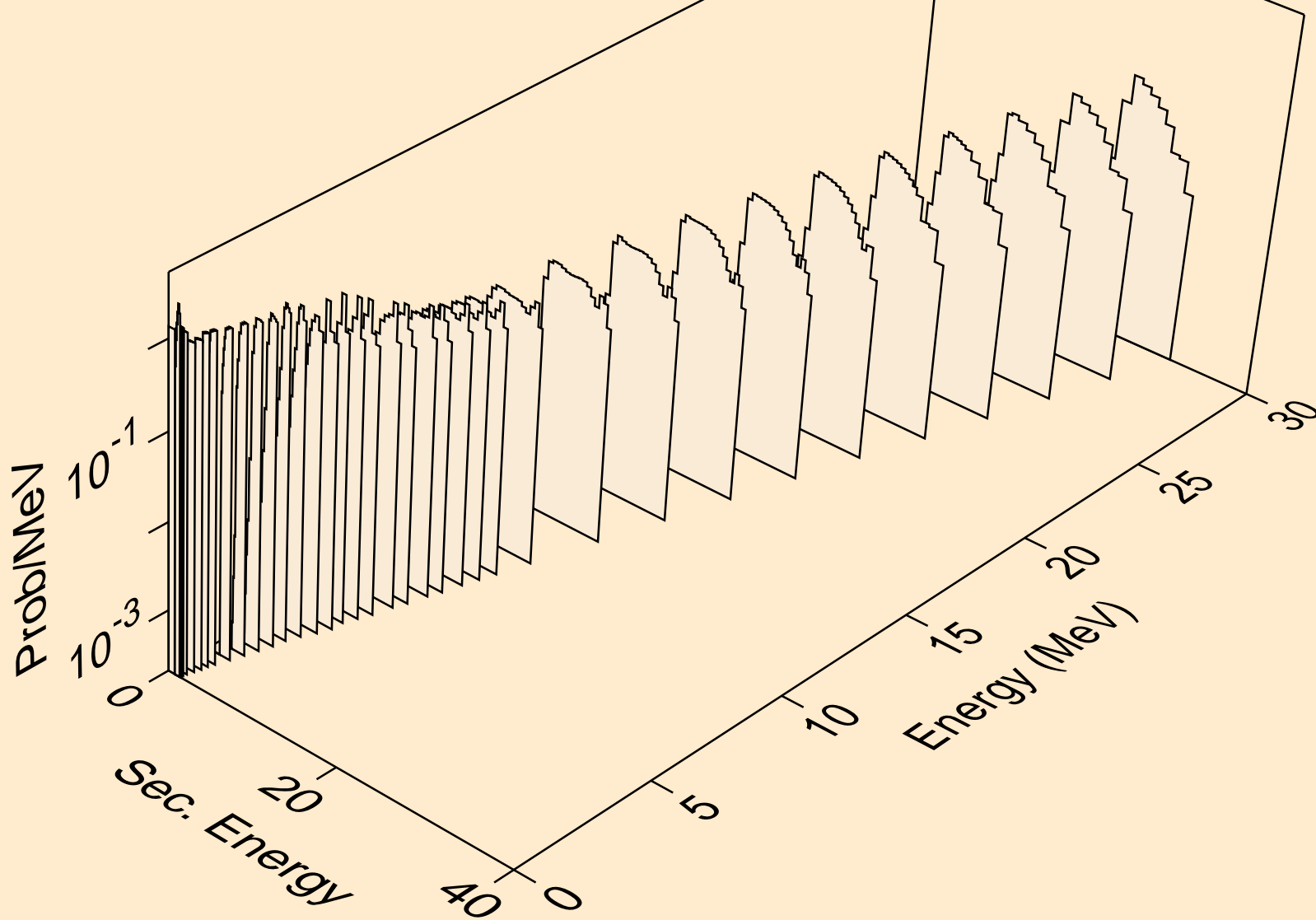
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protons from (n,2np)



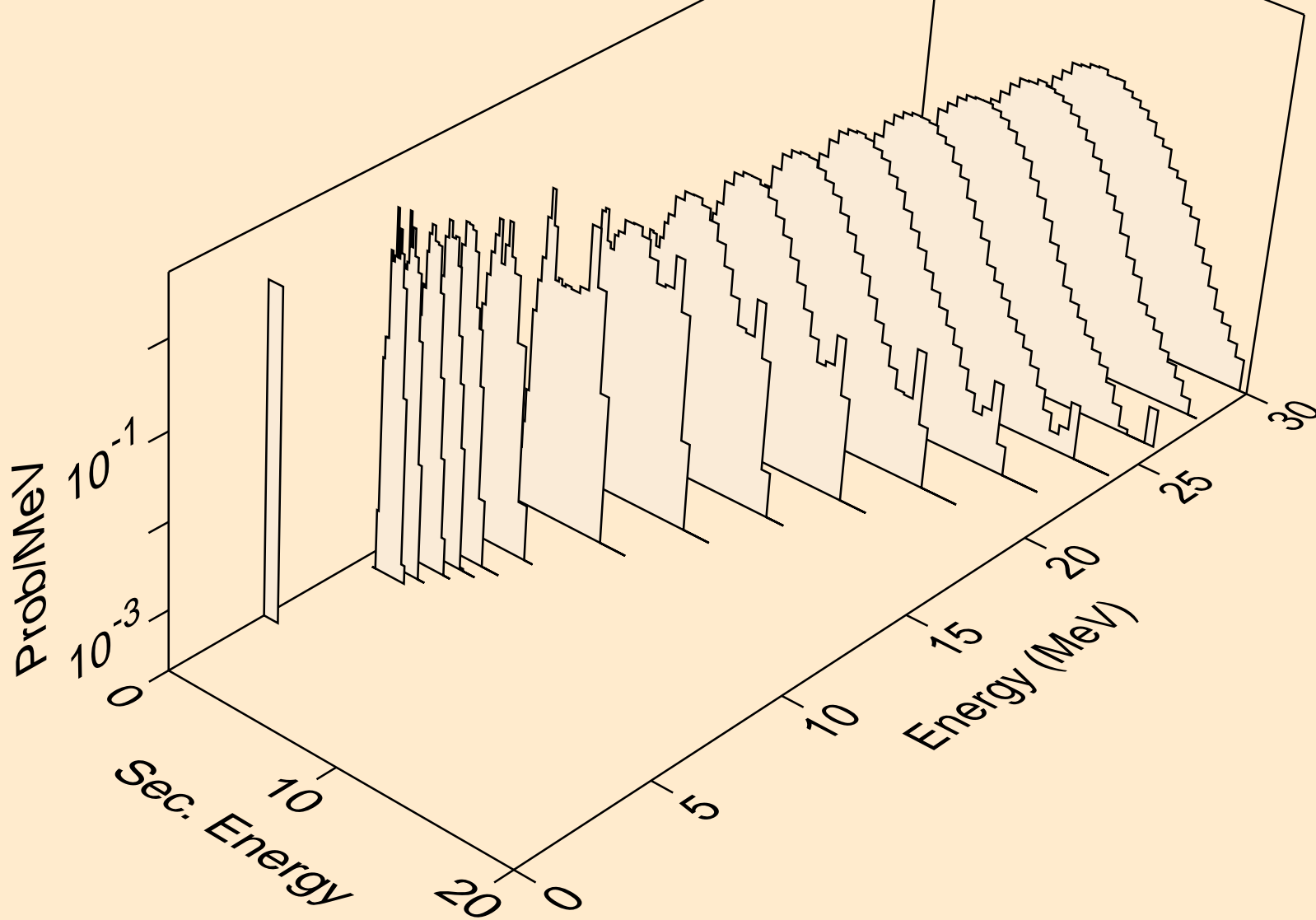
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



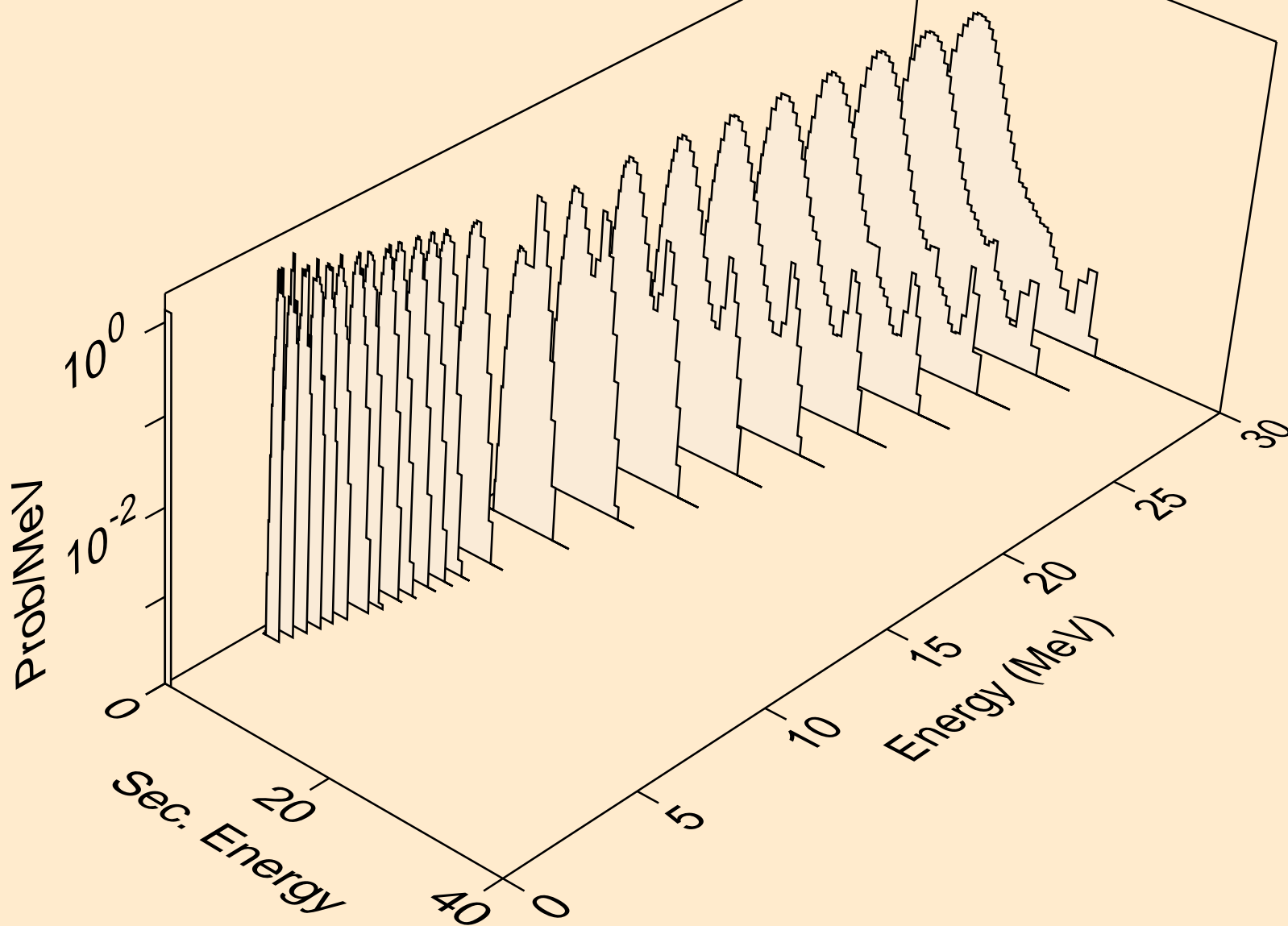
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



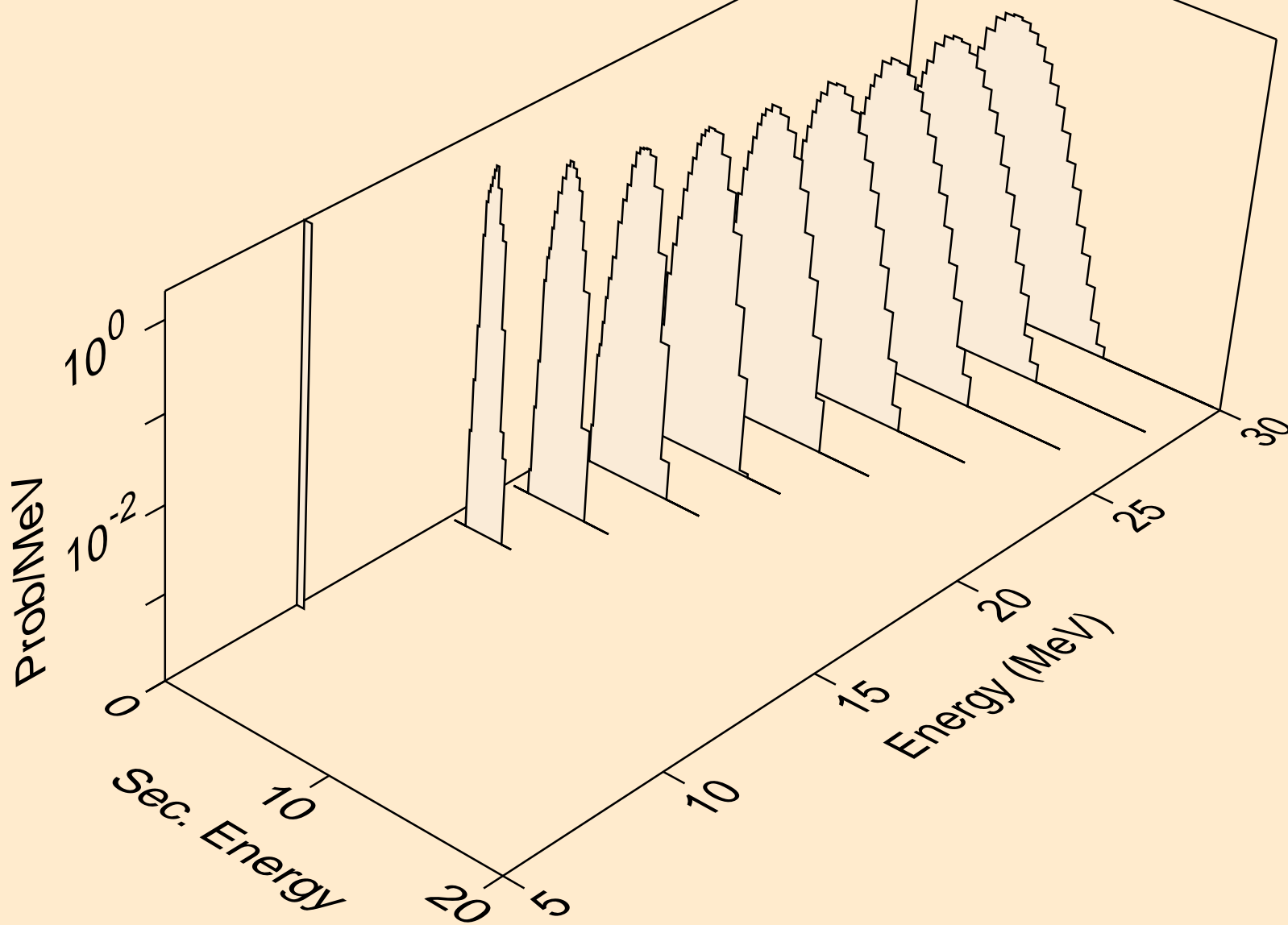
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protons from (n,2p)



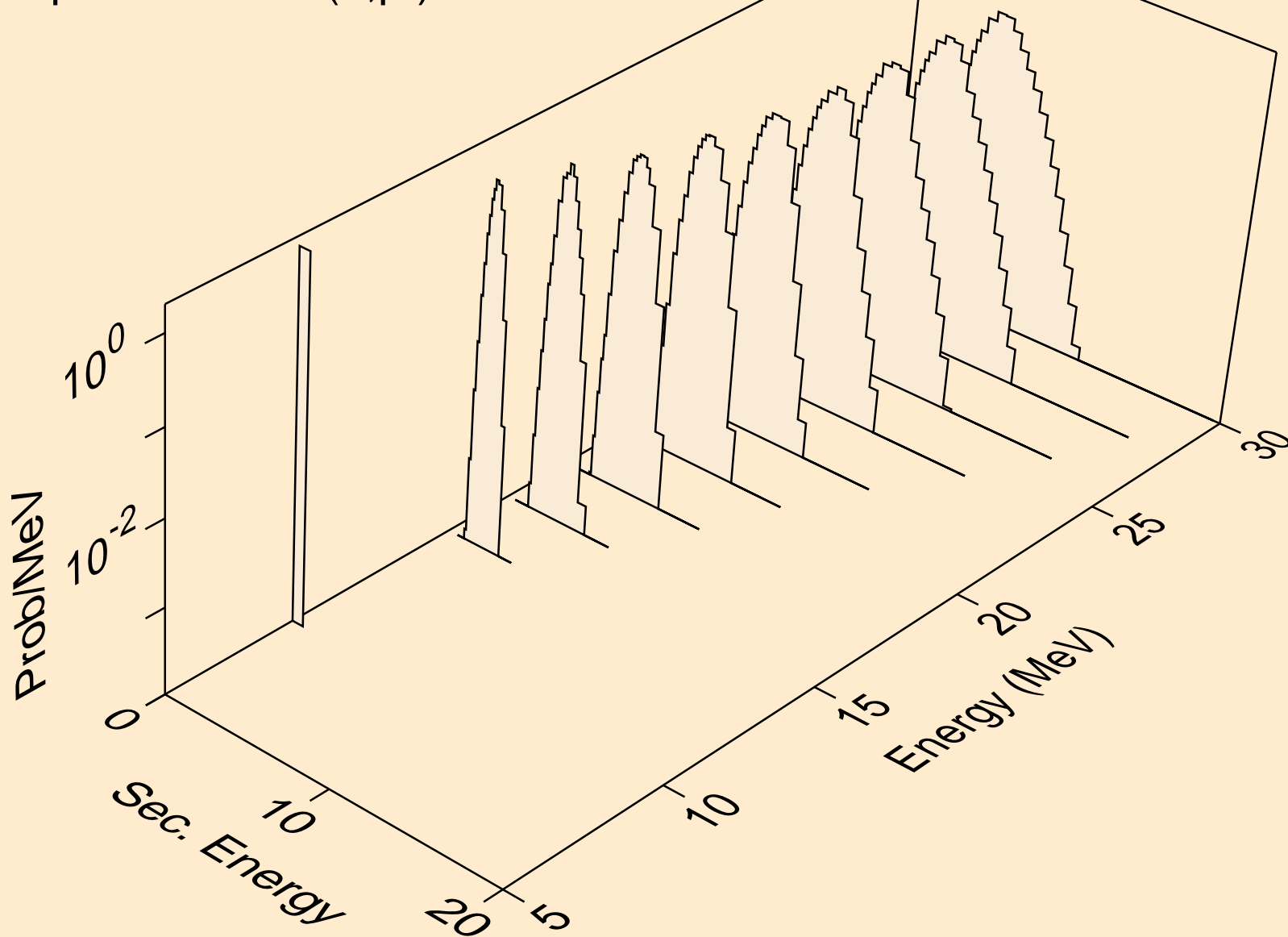
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



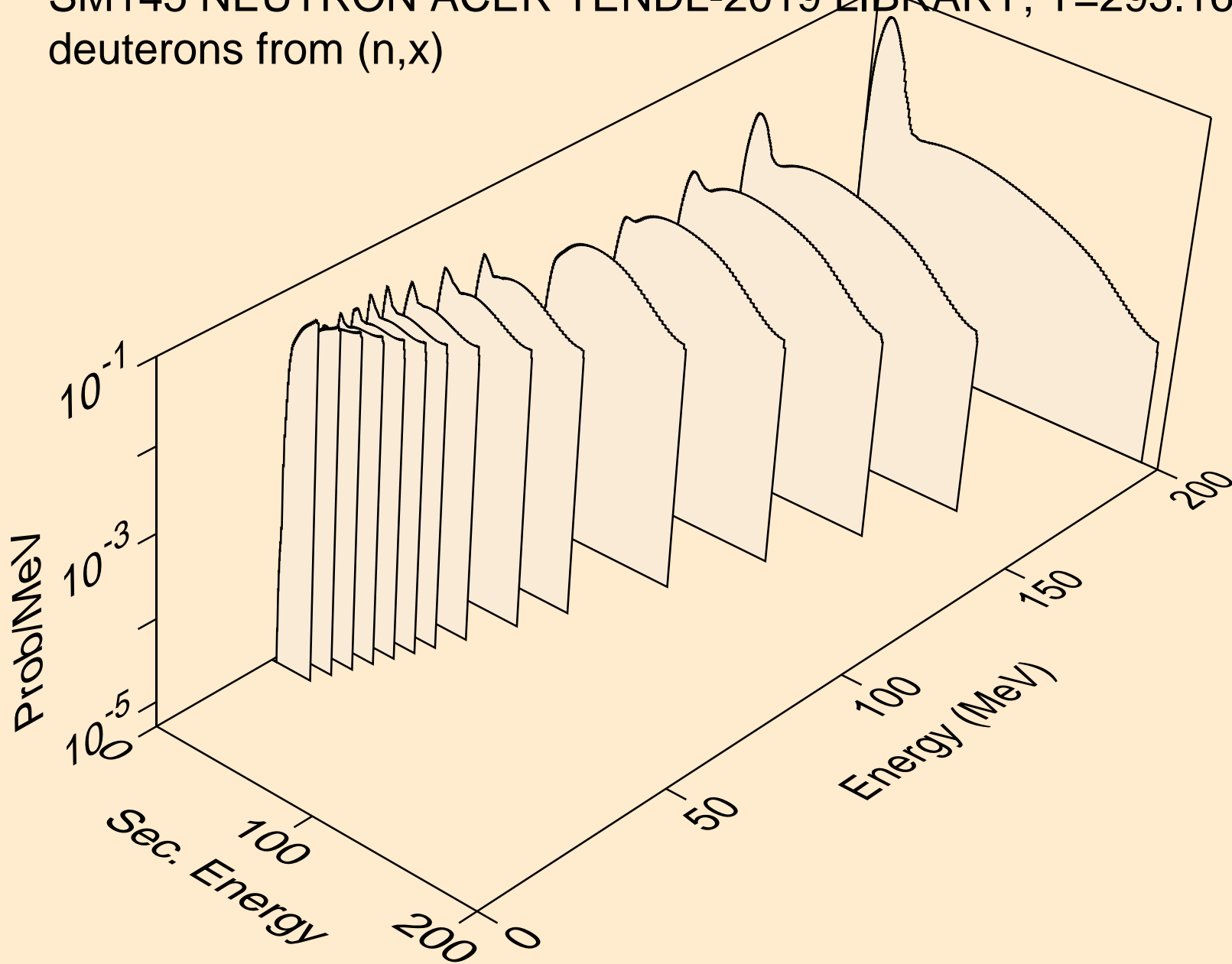
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



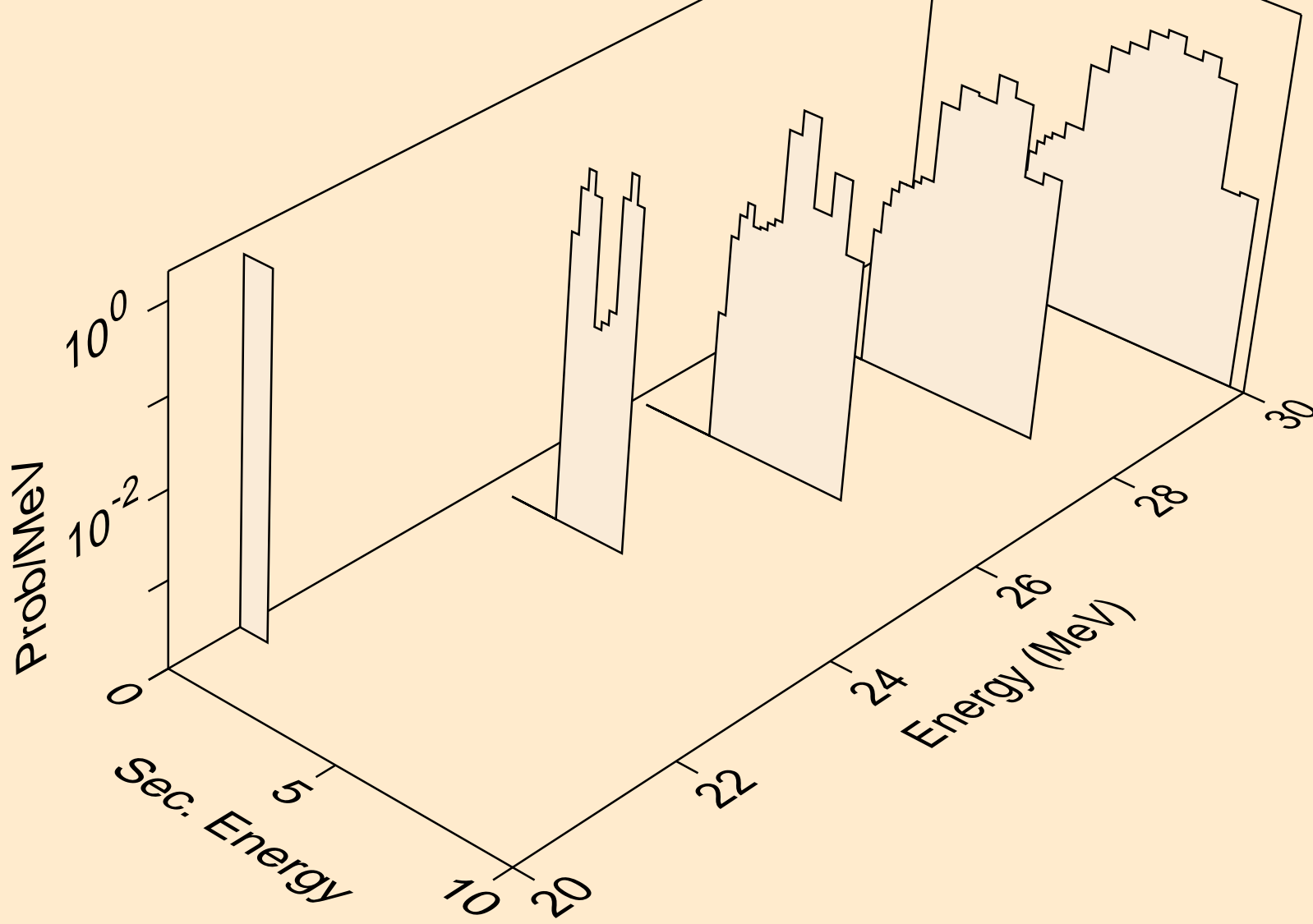
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



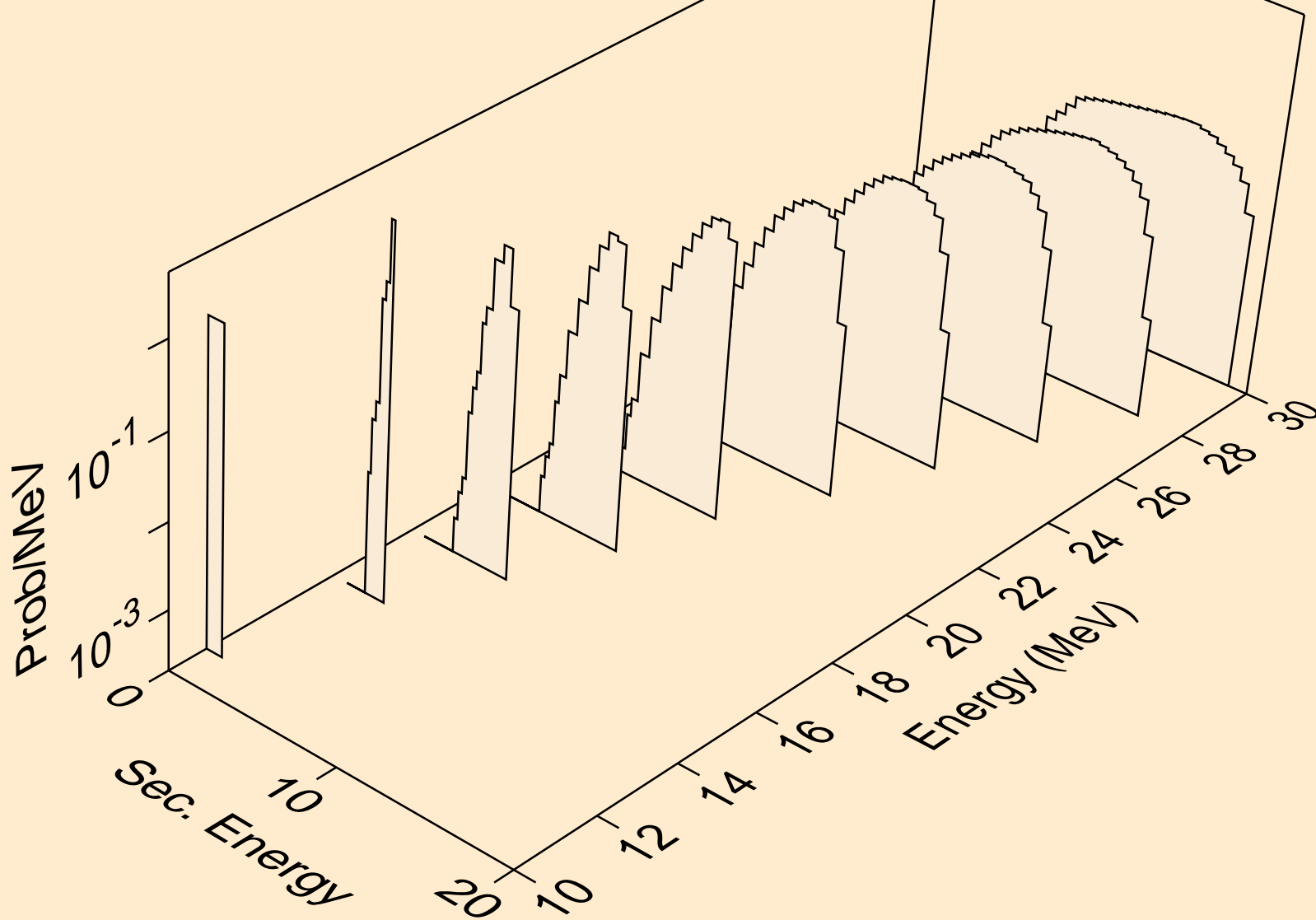
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



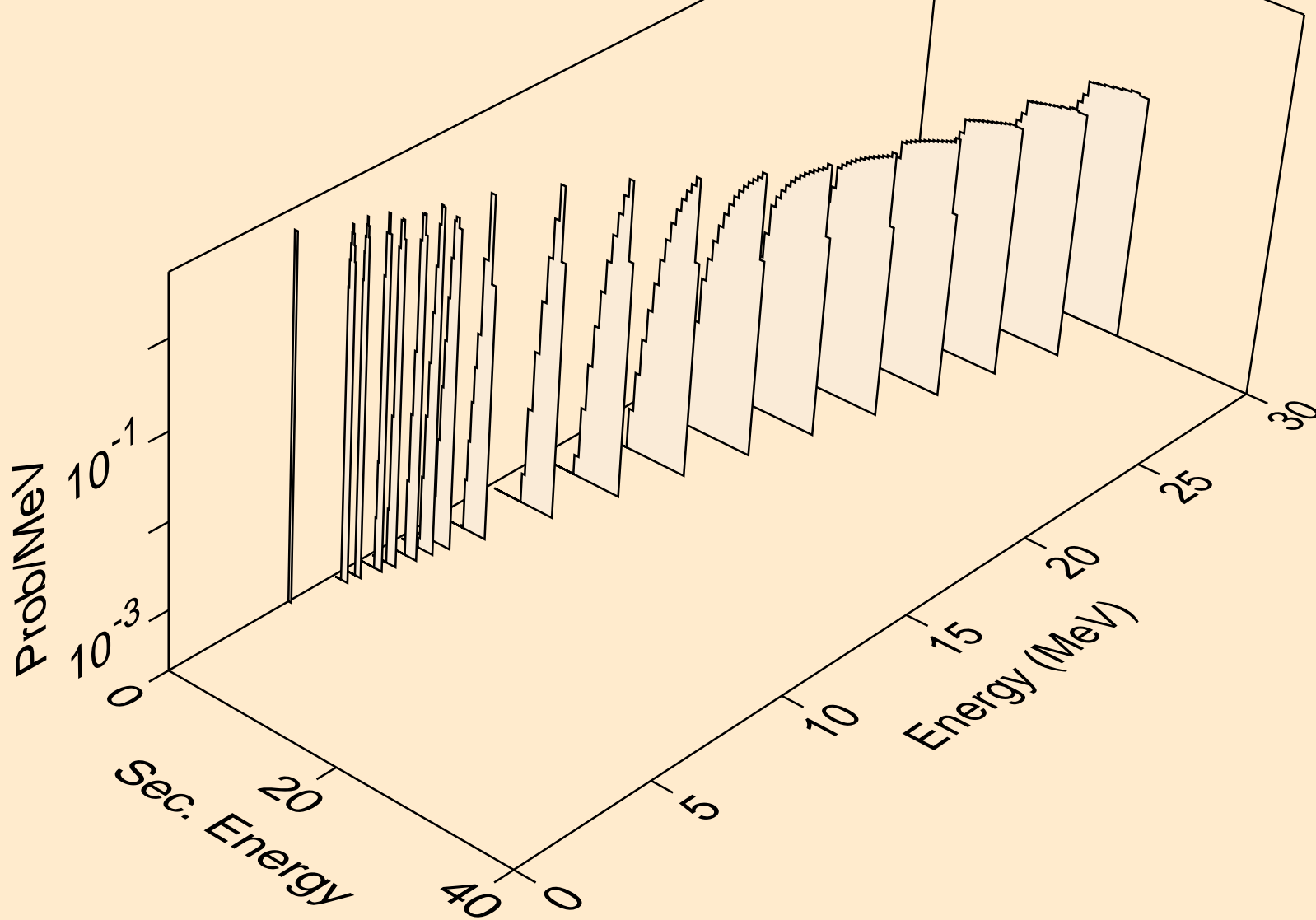
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



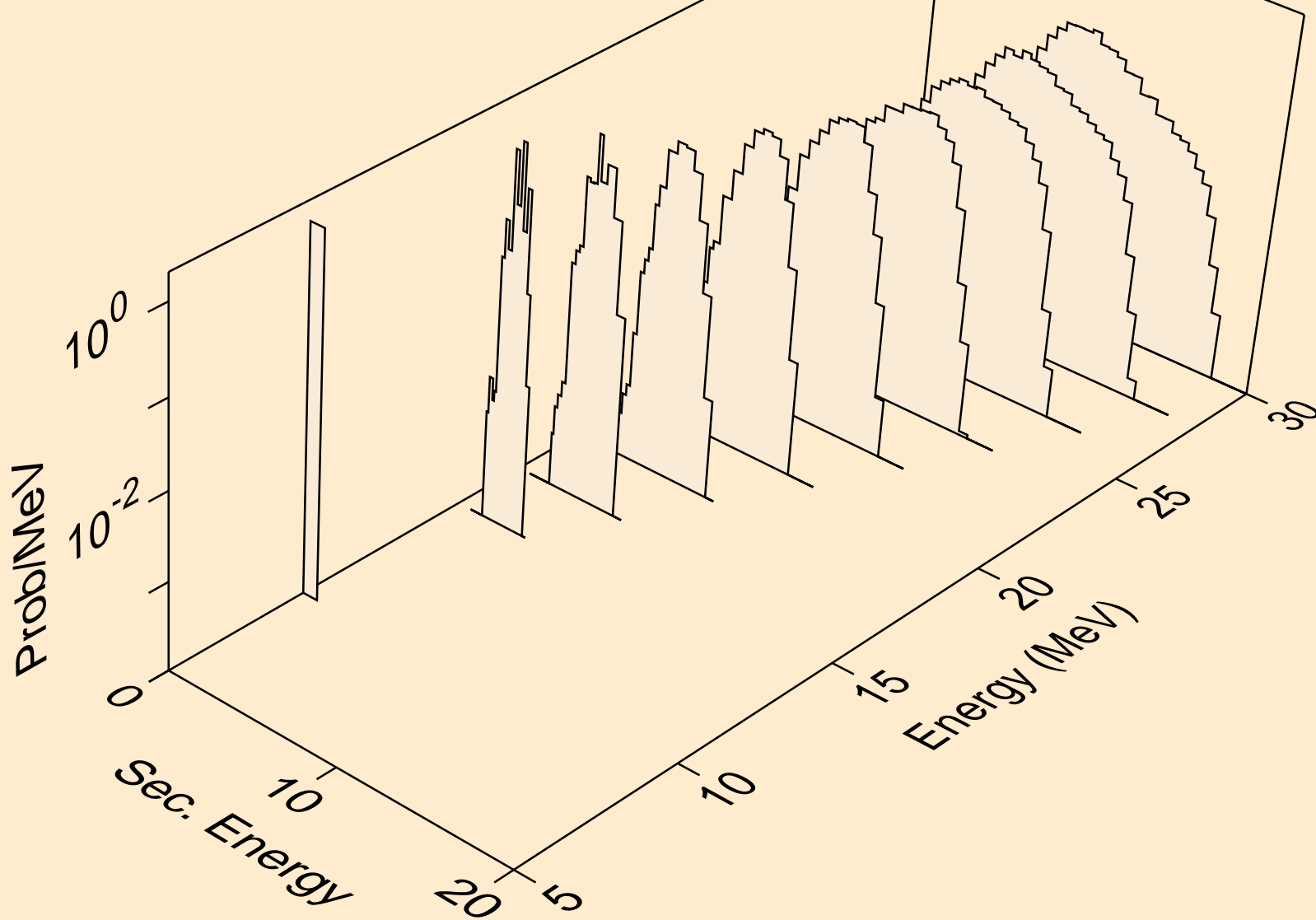
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



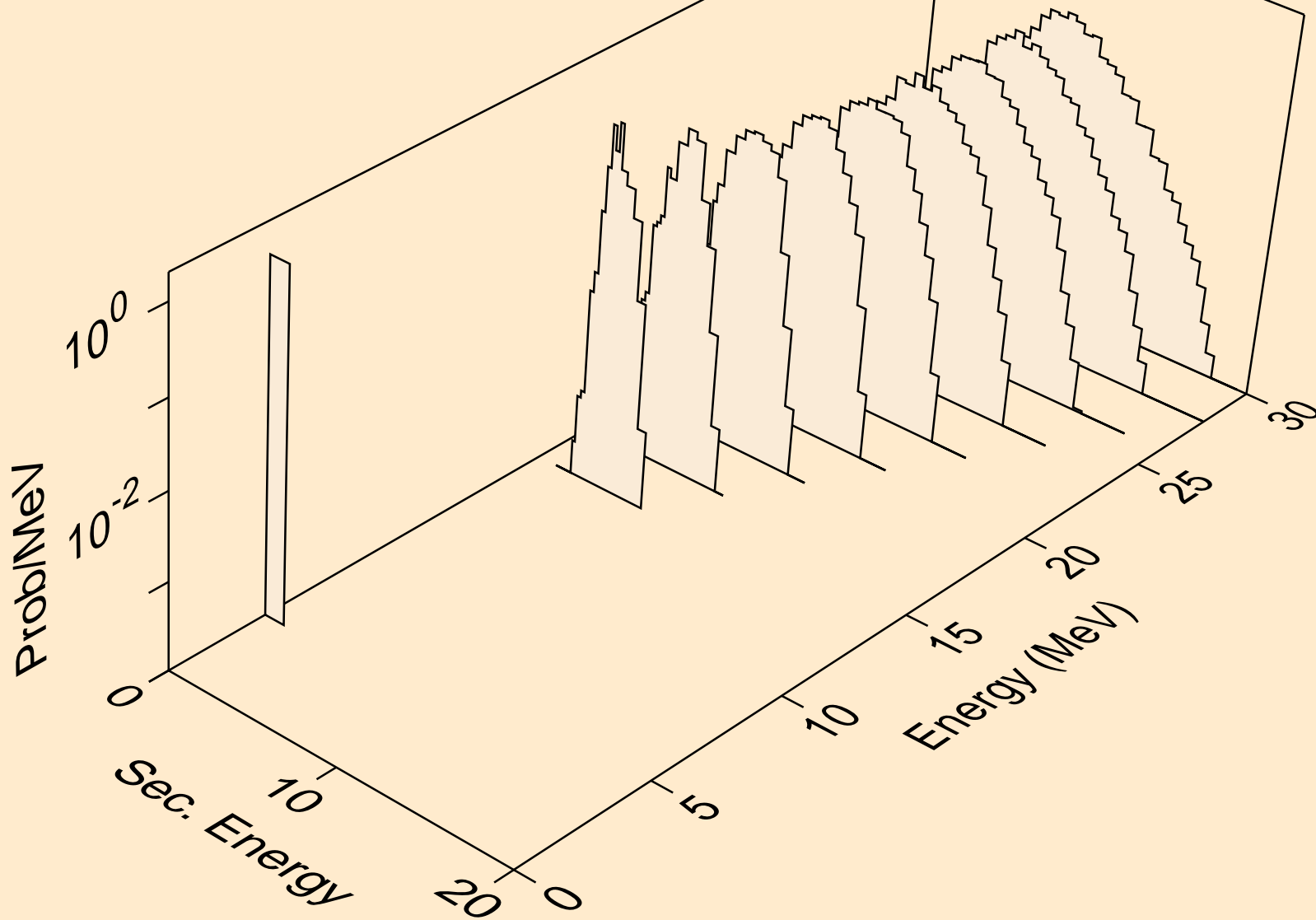
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



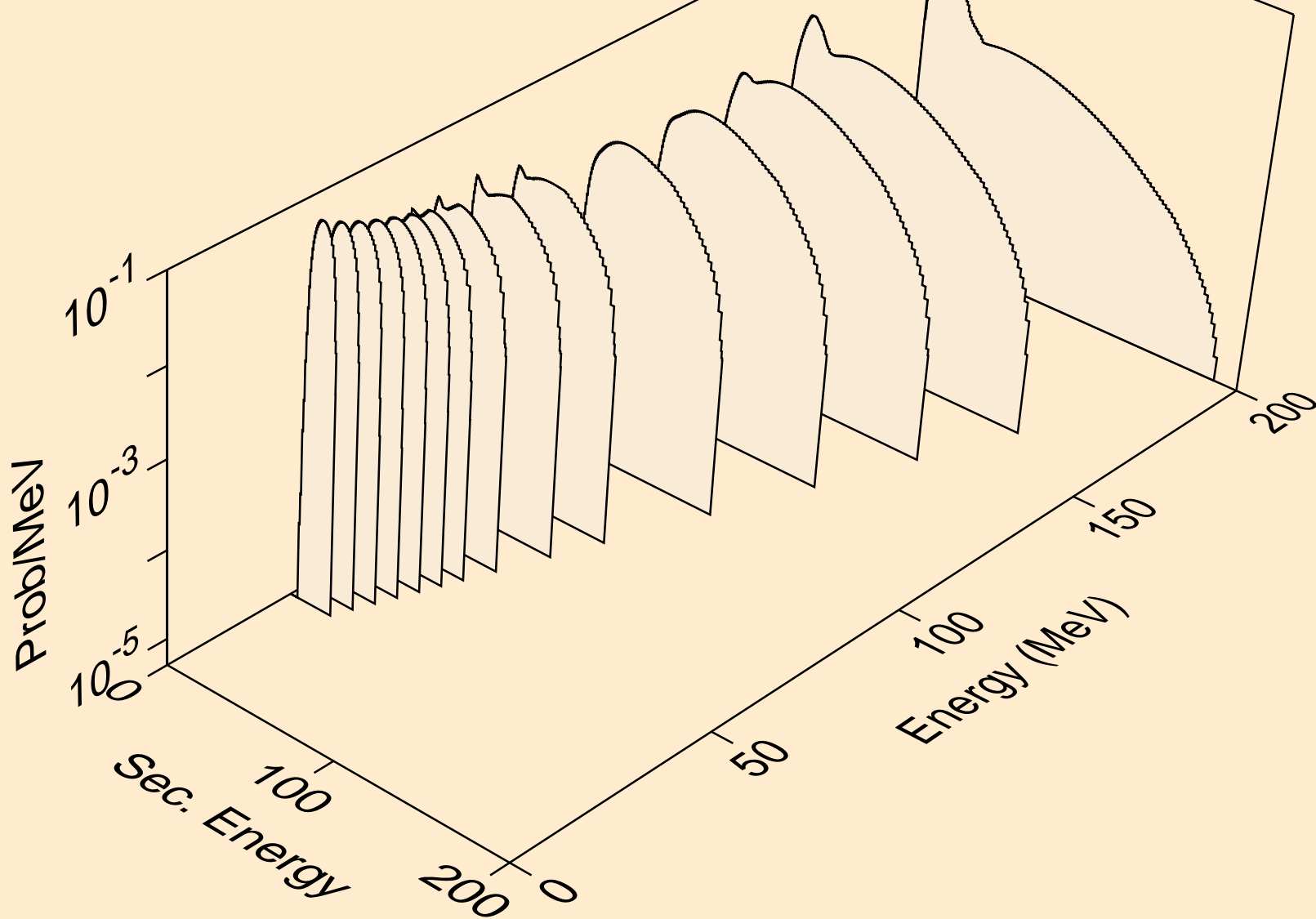
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



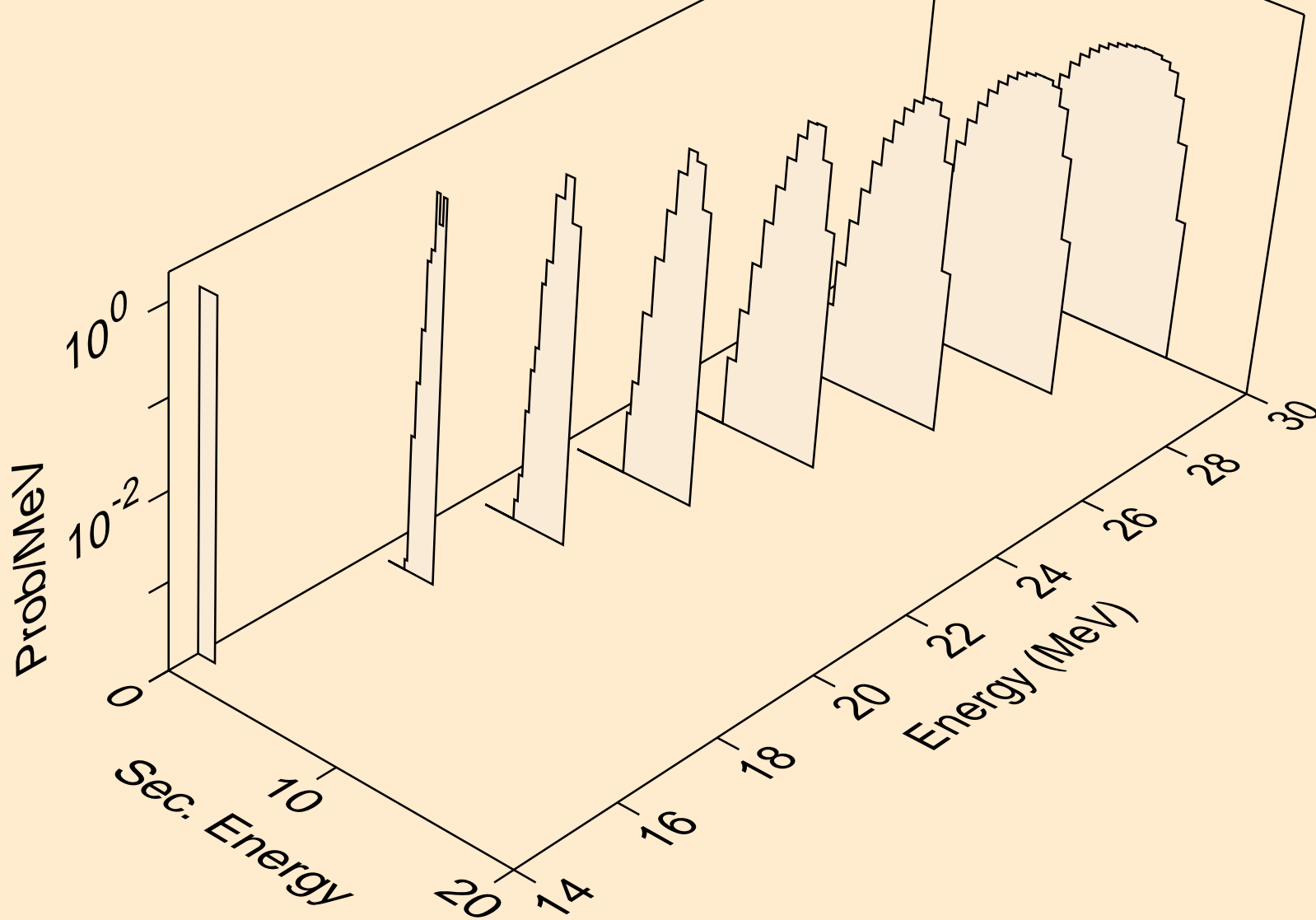
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



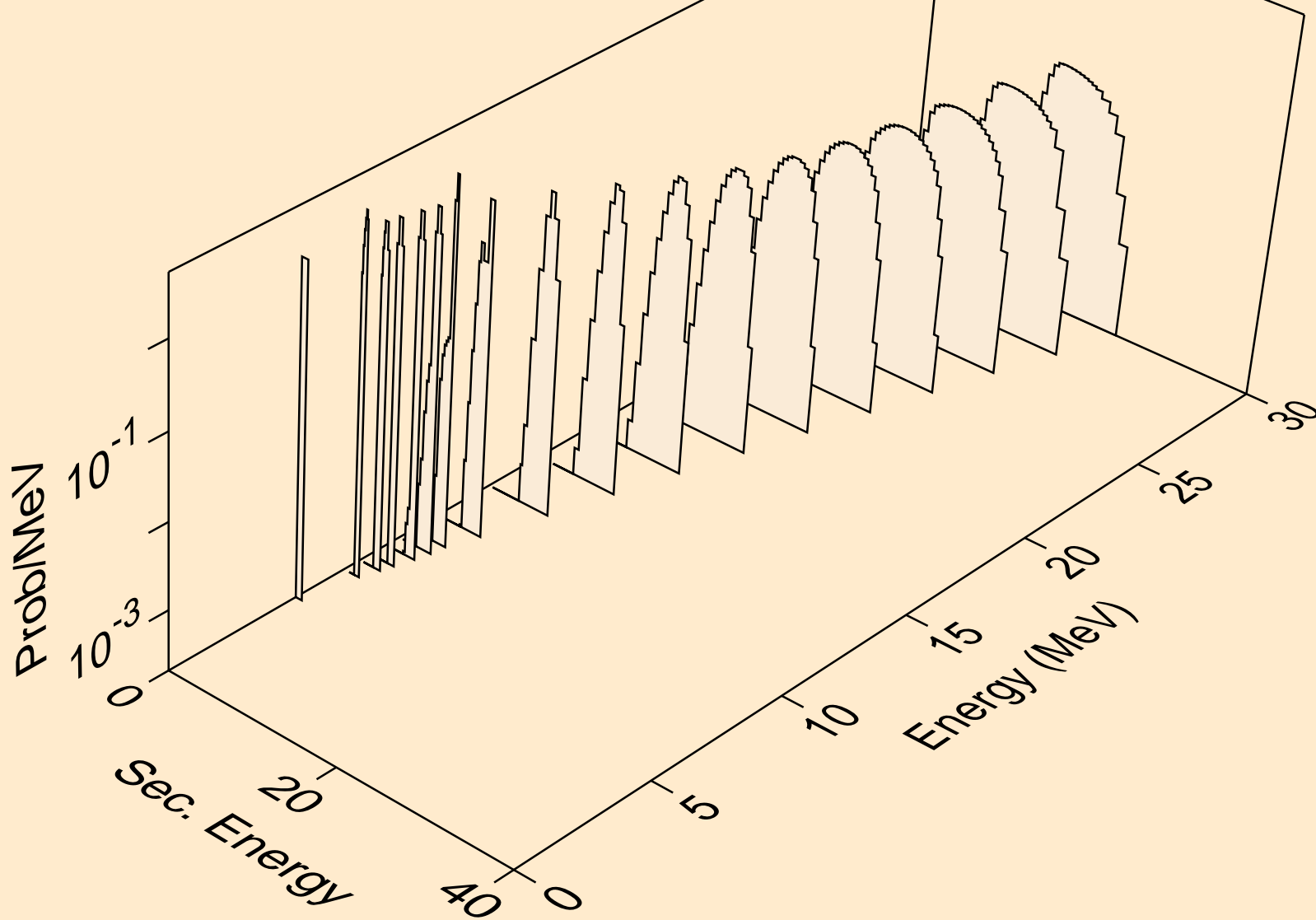
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



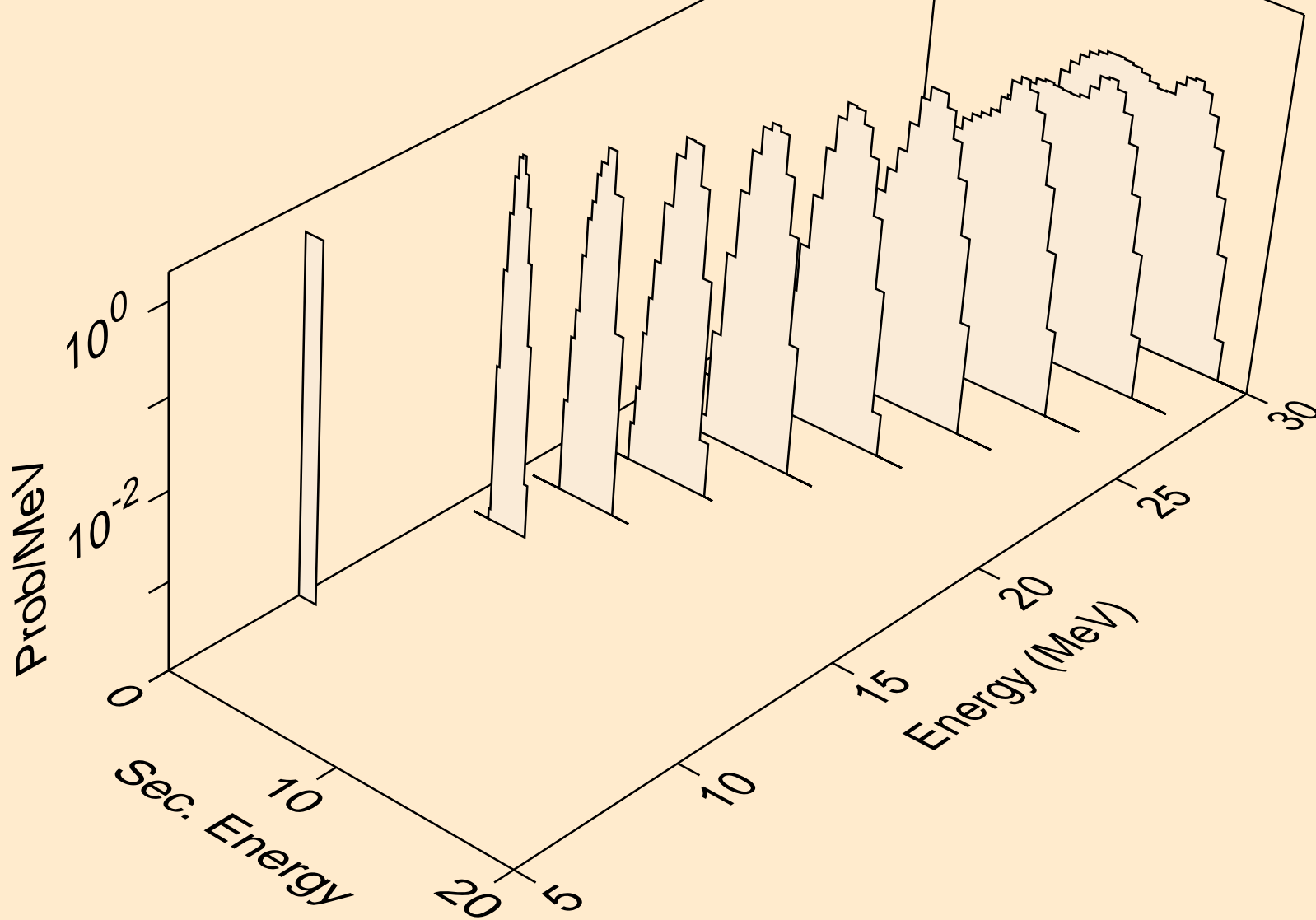
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



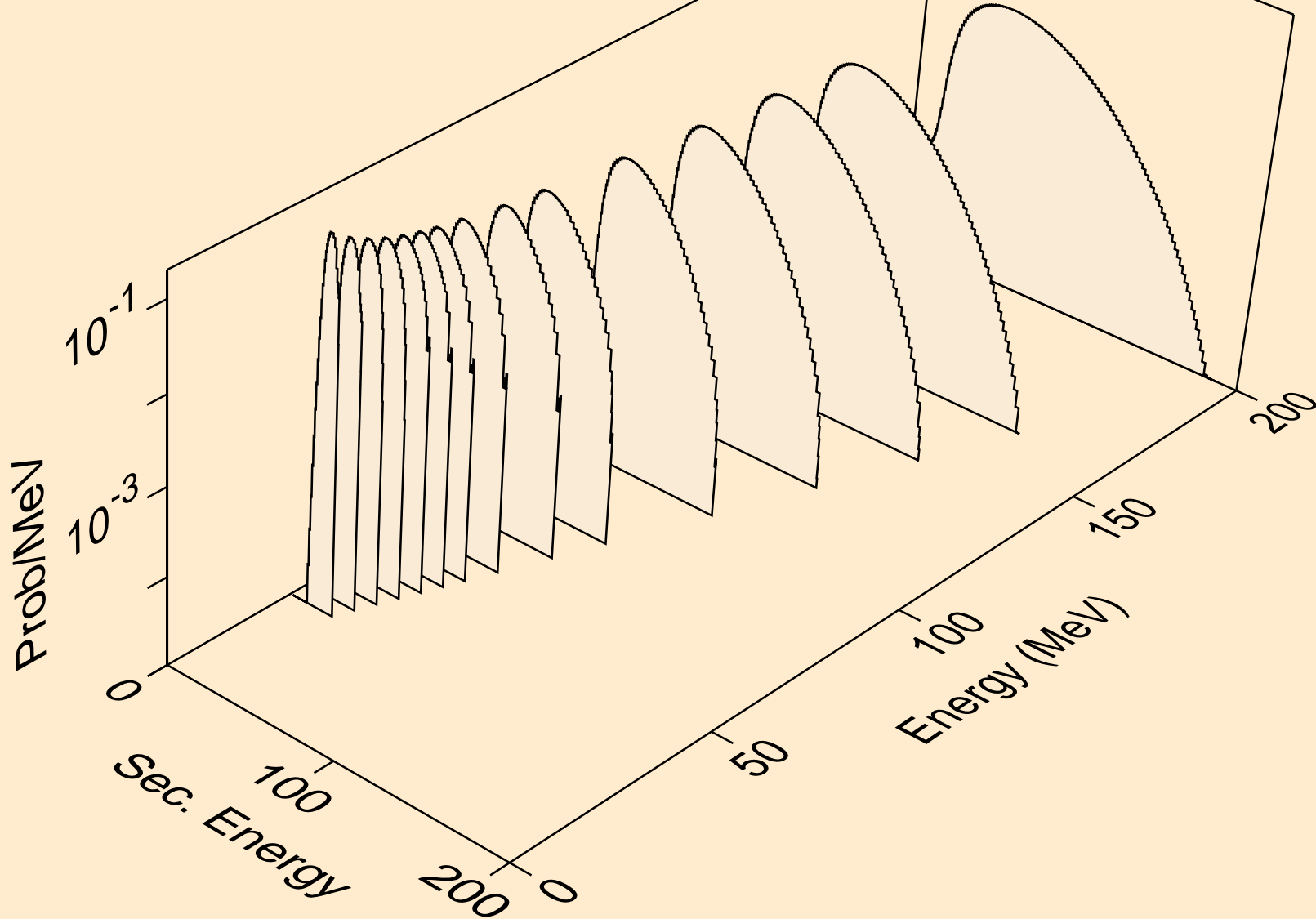
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tritons from (n,t)



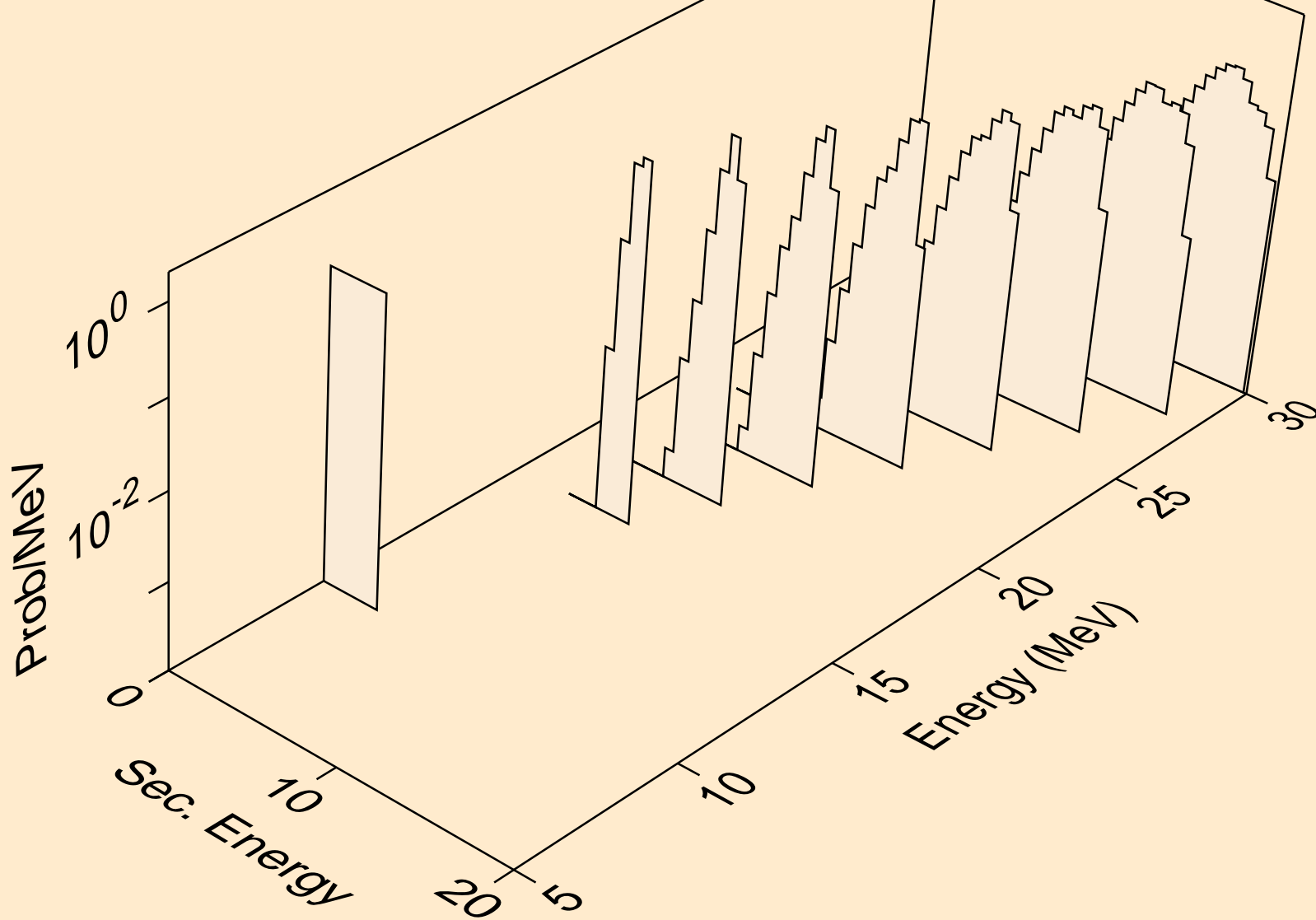
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



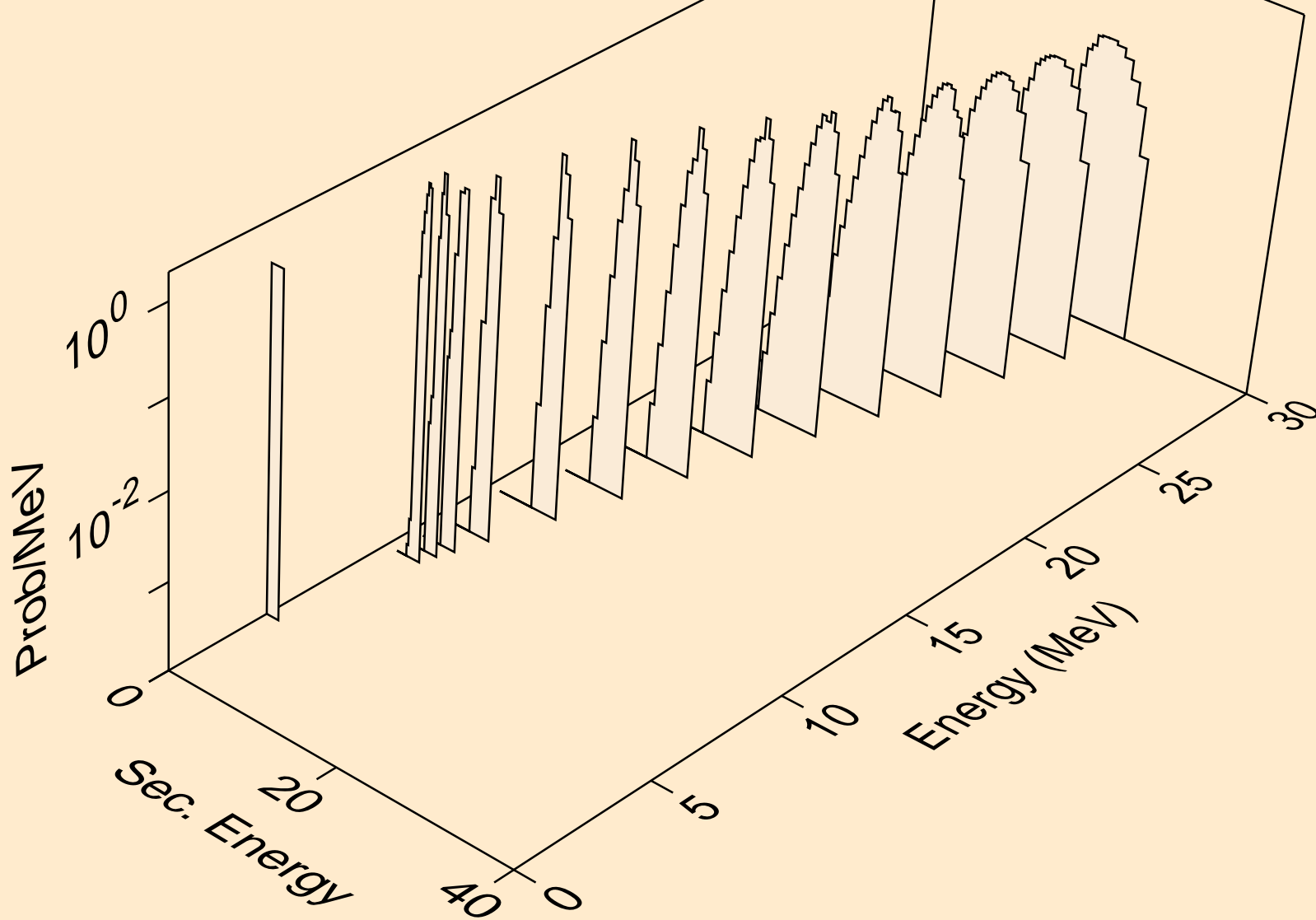
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



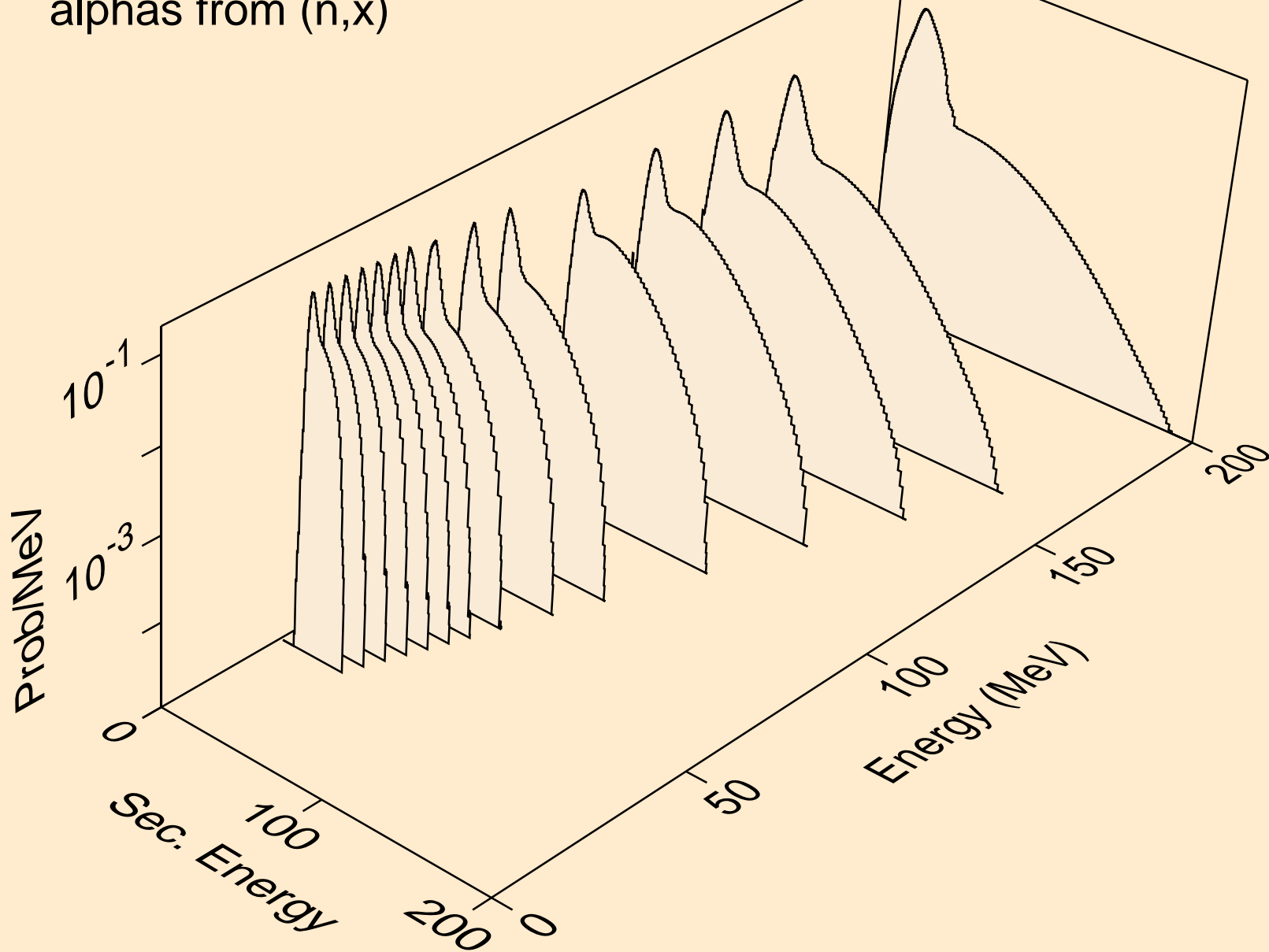
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



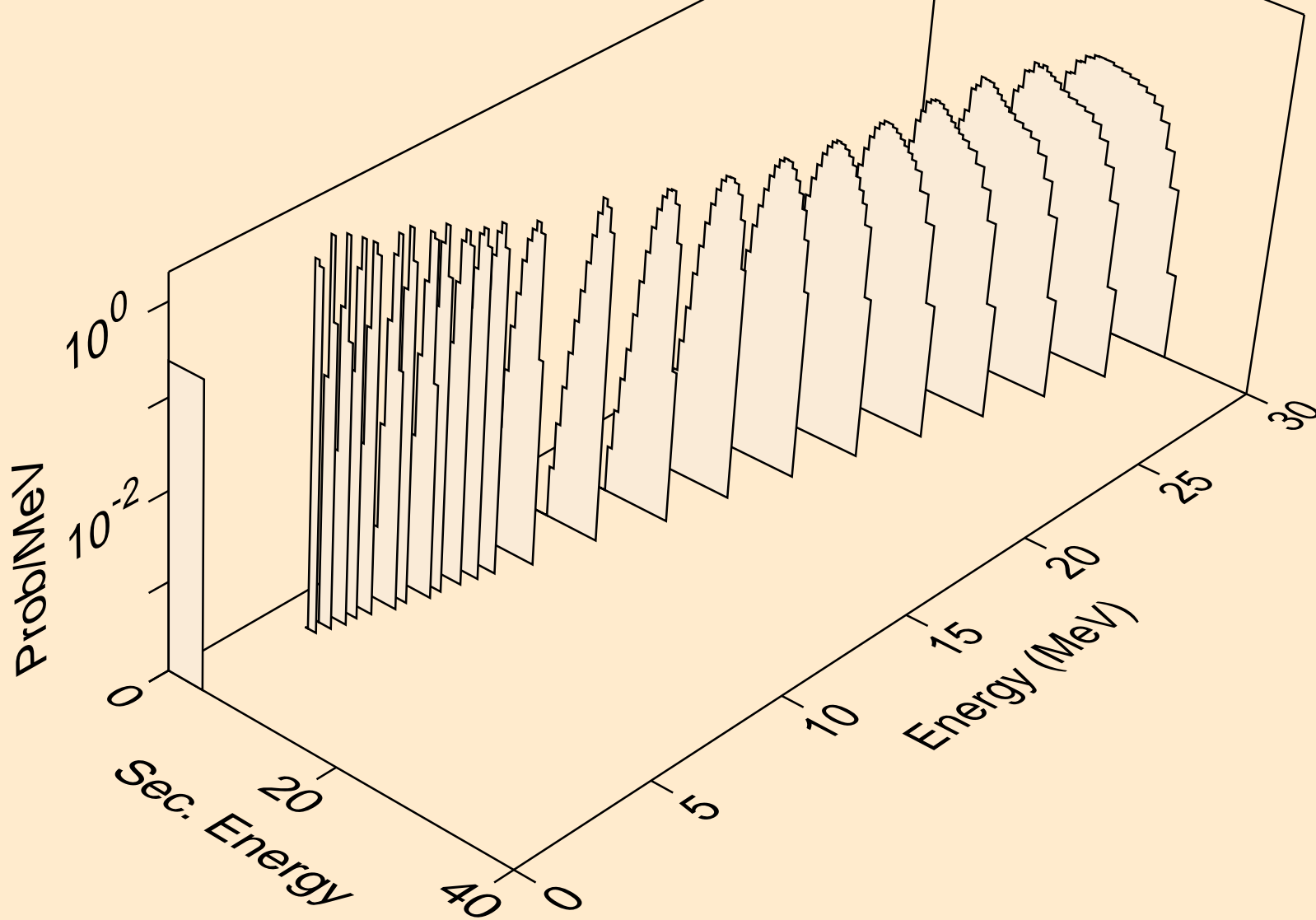
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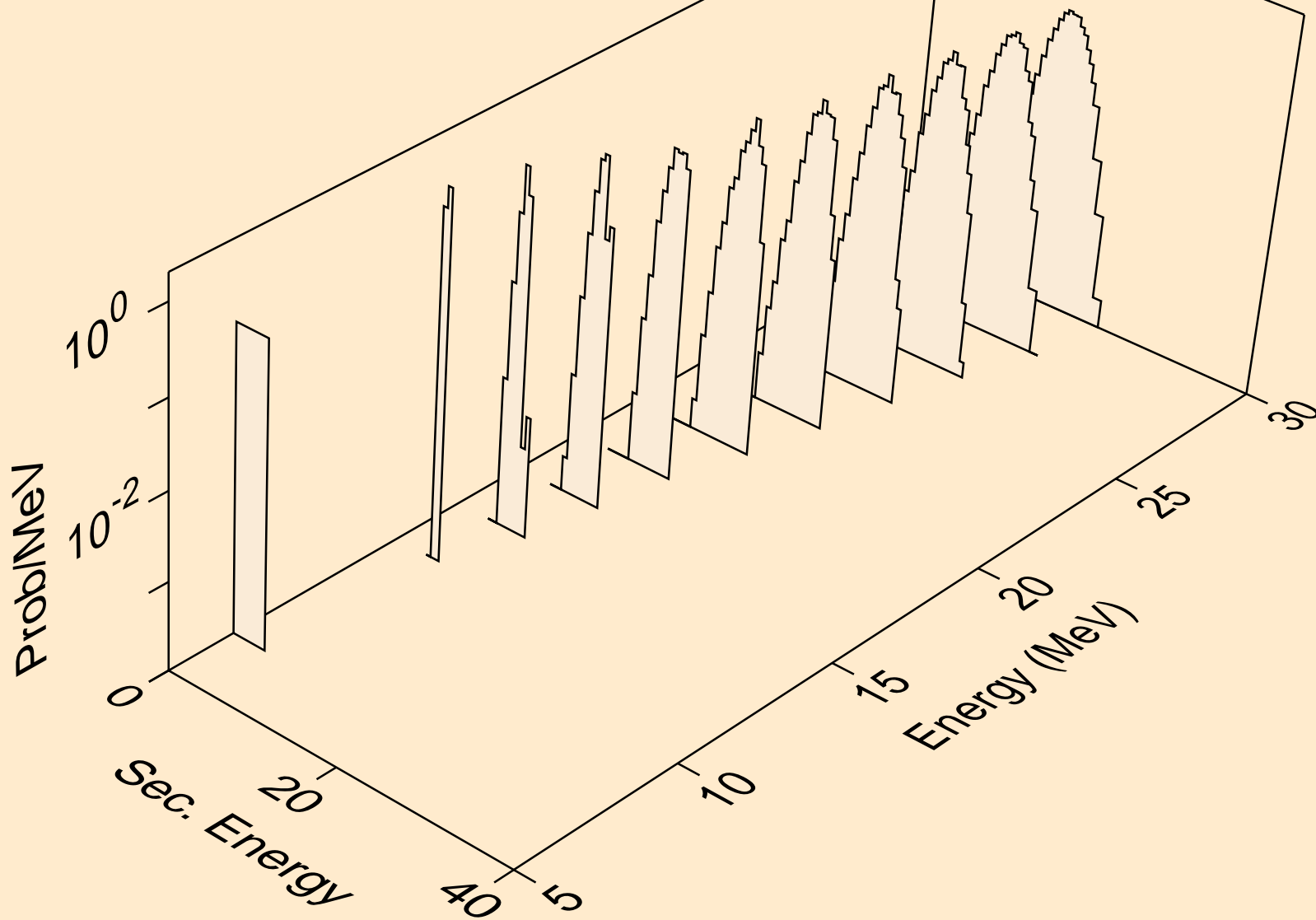
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



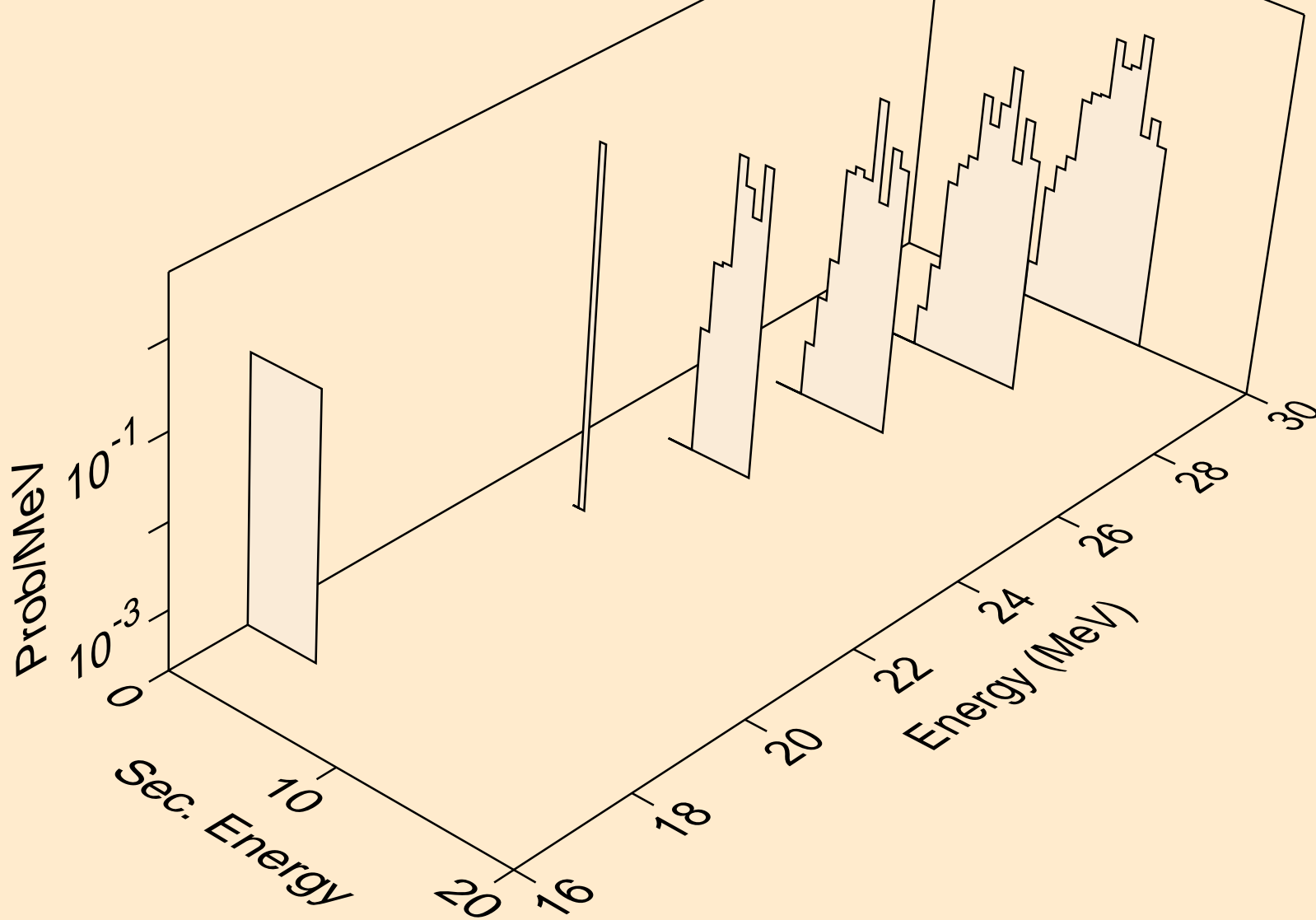
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



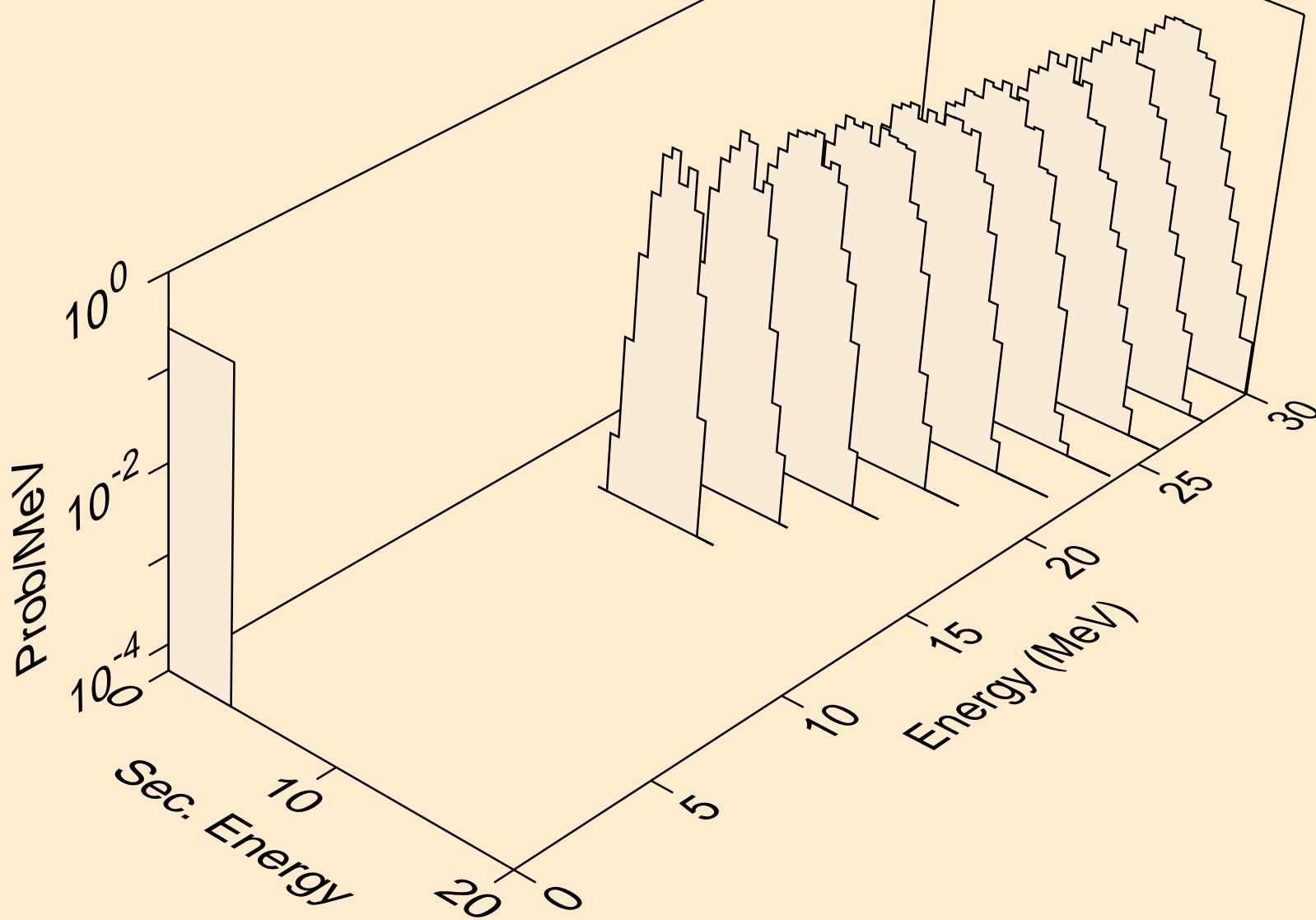
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



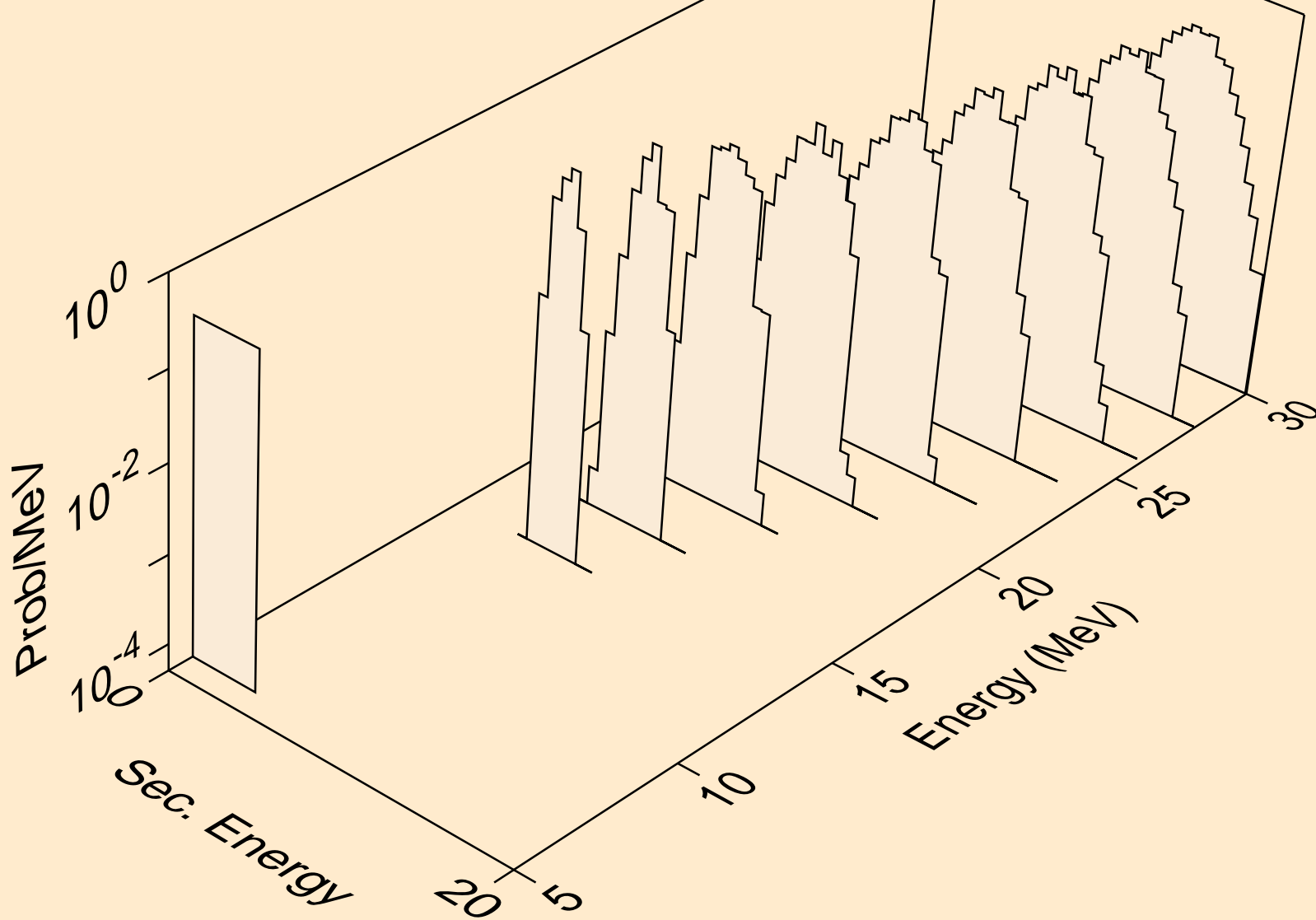
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alphas from (n,3n)a



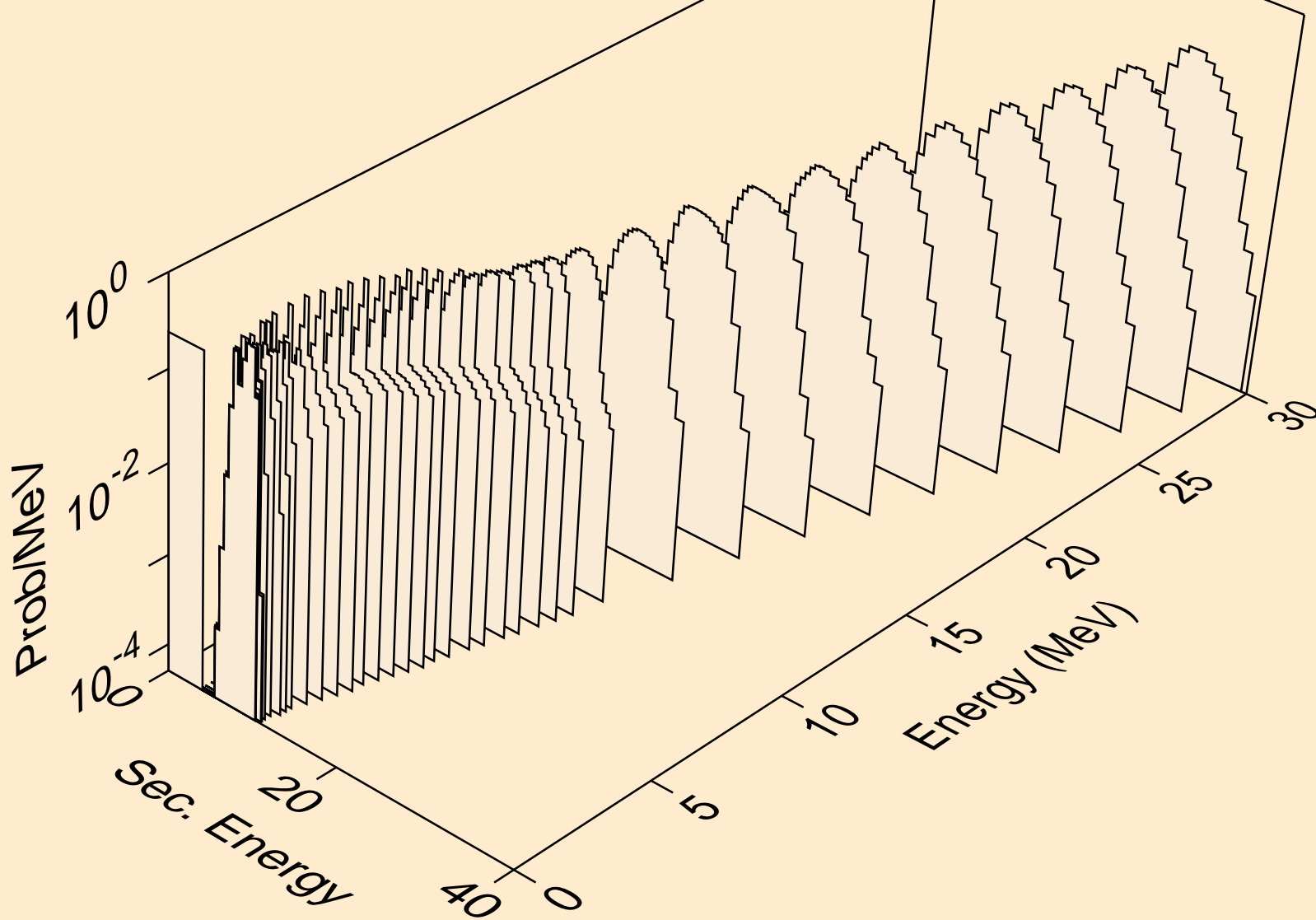
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



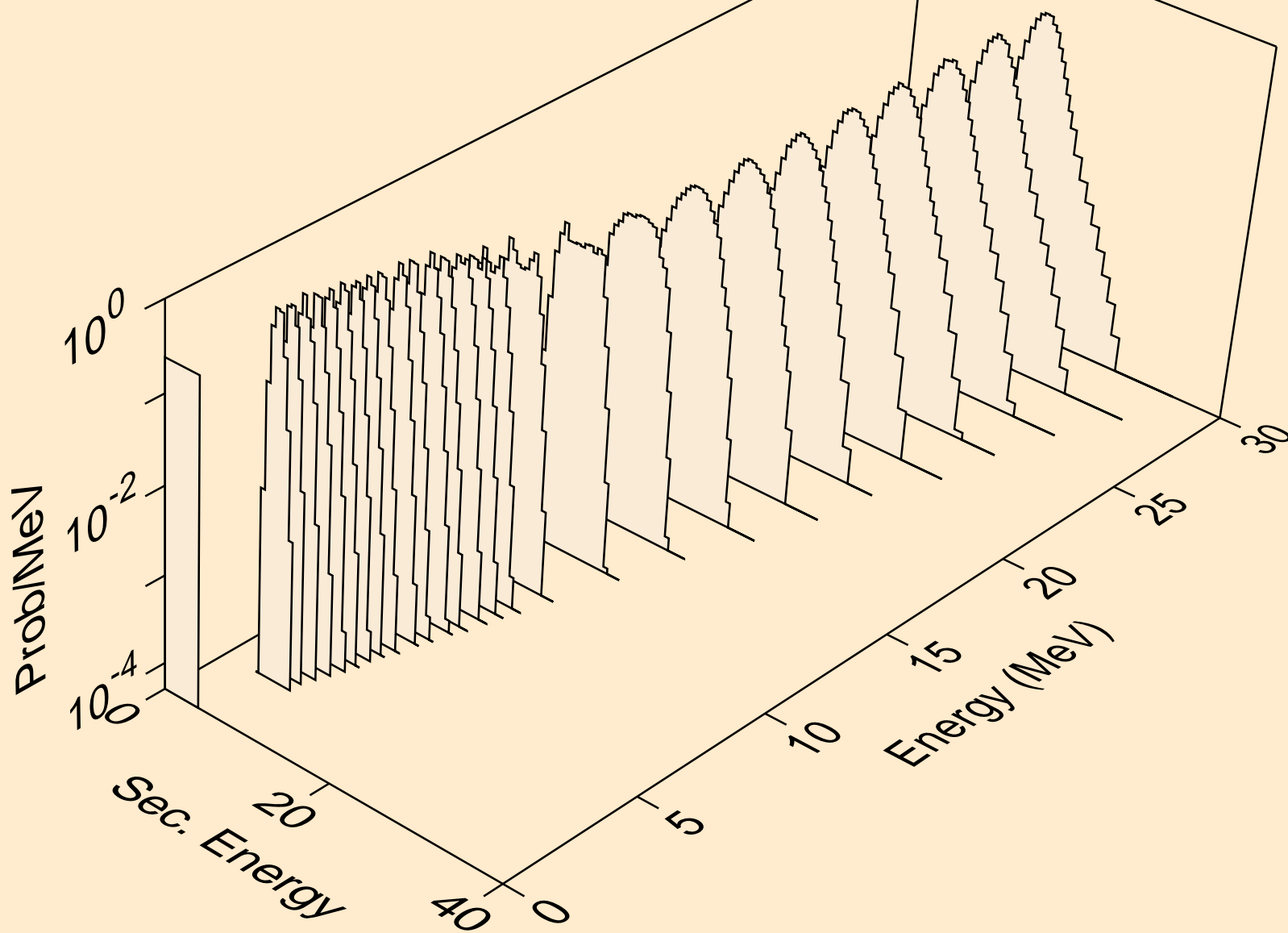
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



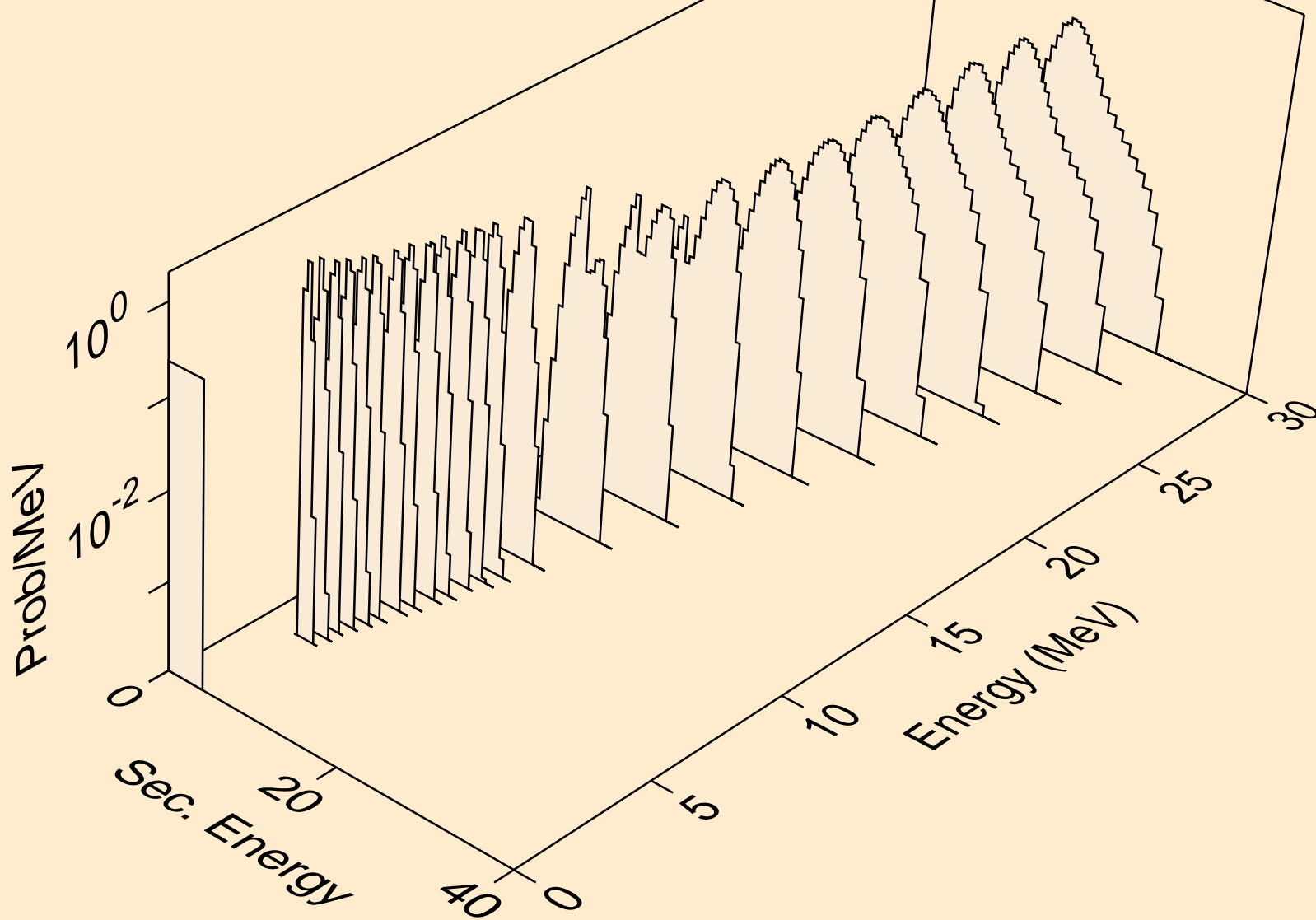
SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



SM145 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

