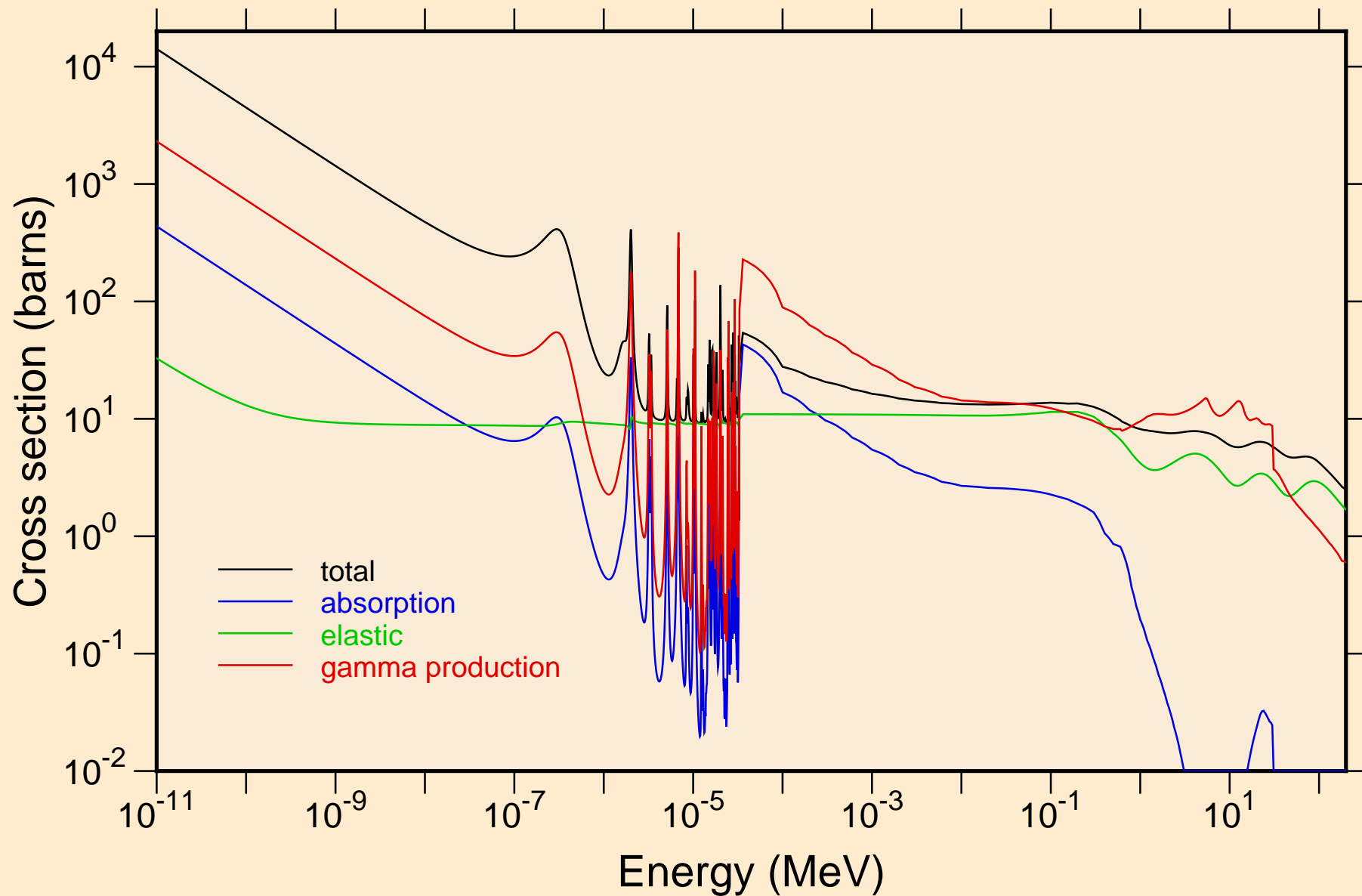
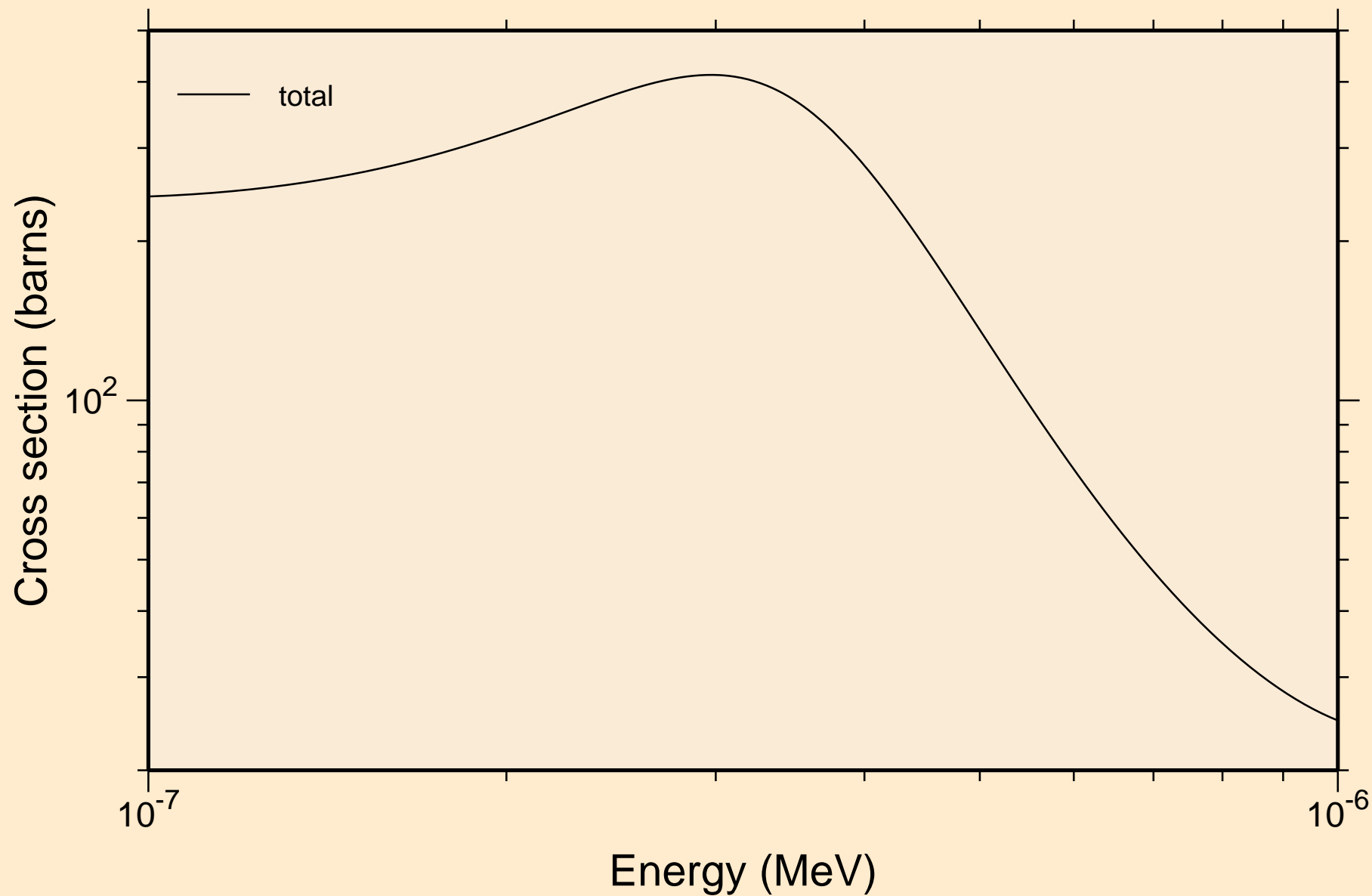


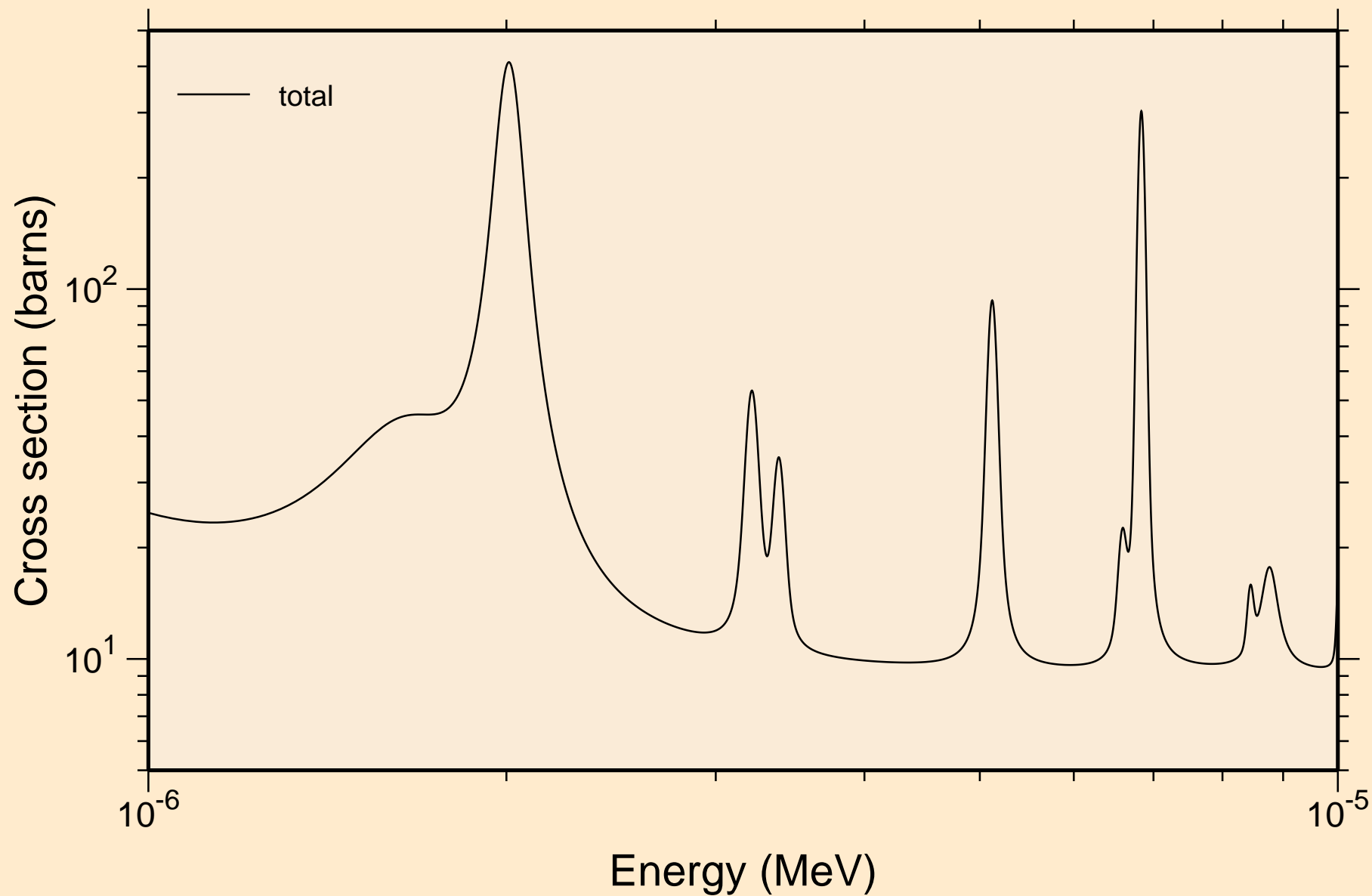
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



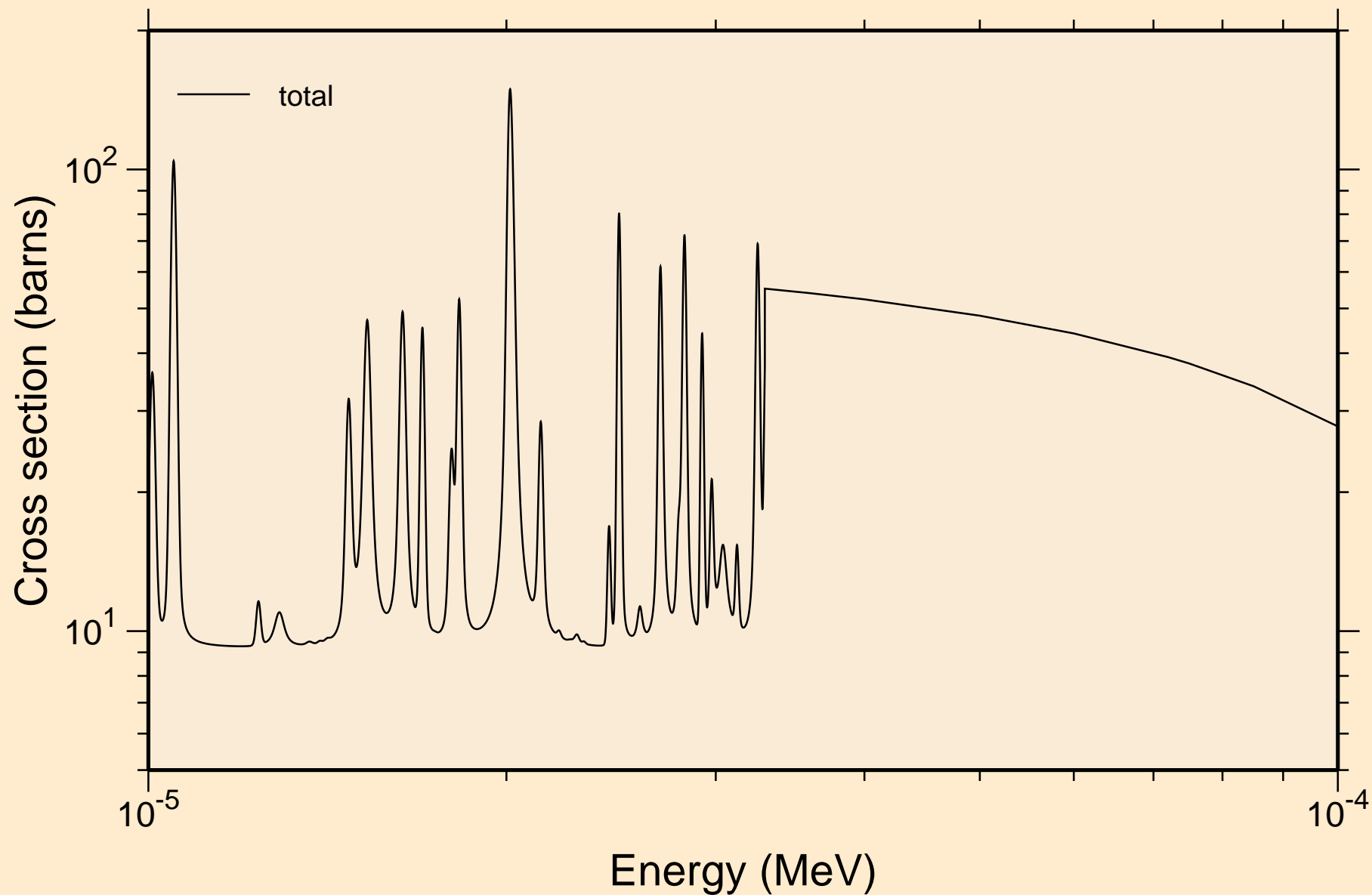
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



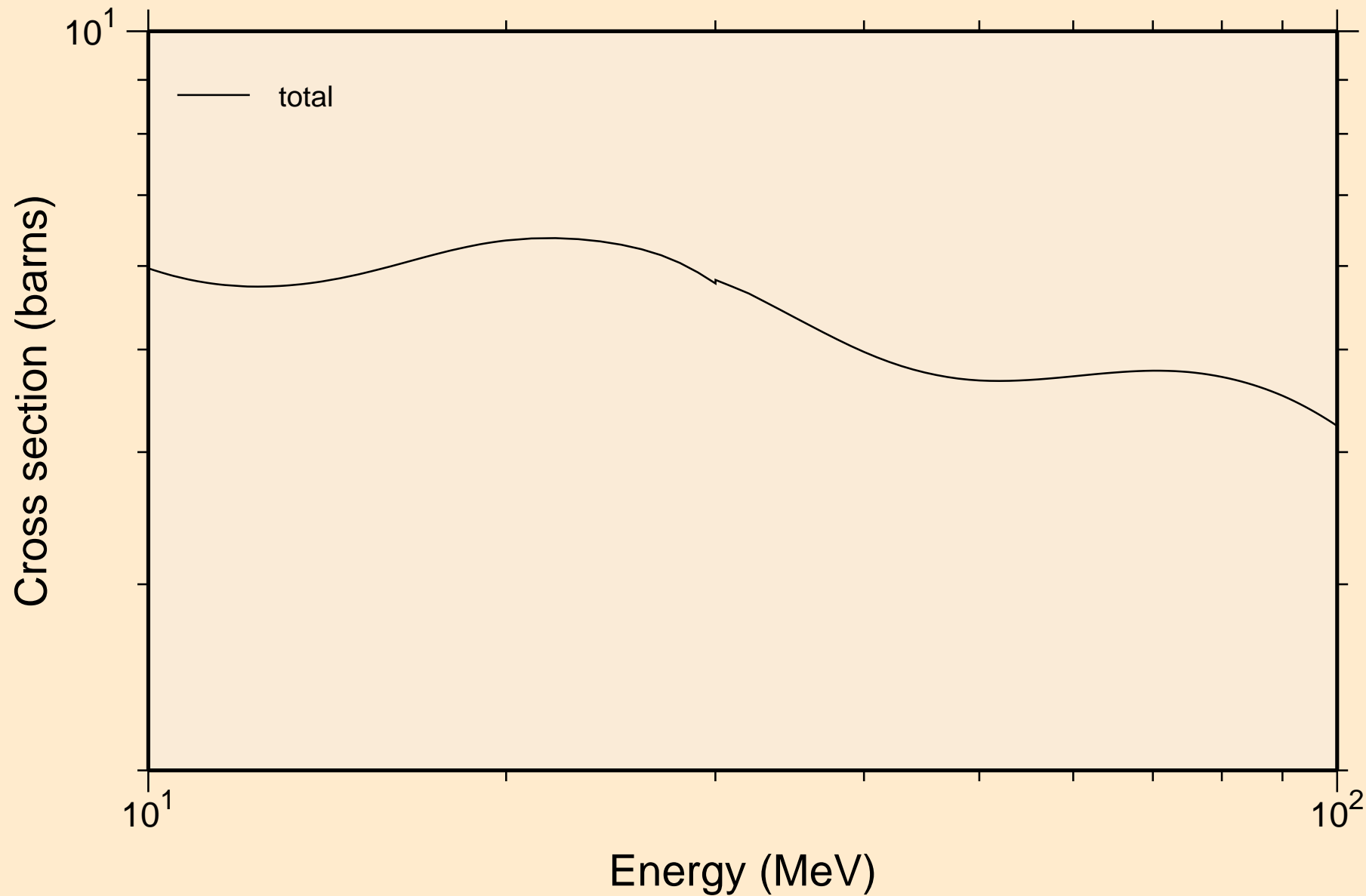
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resonance total cross section



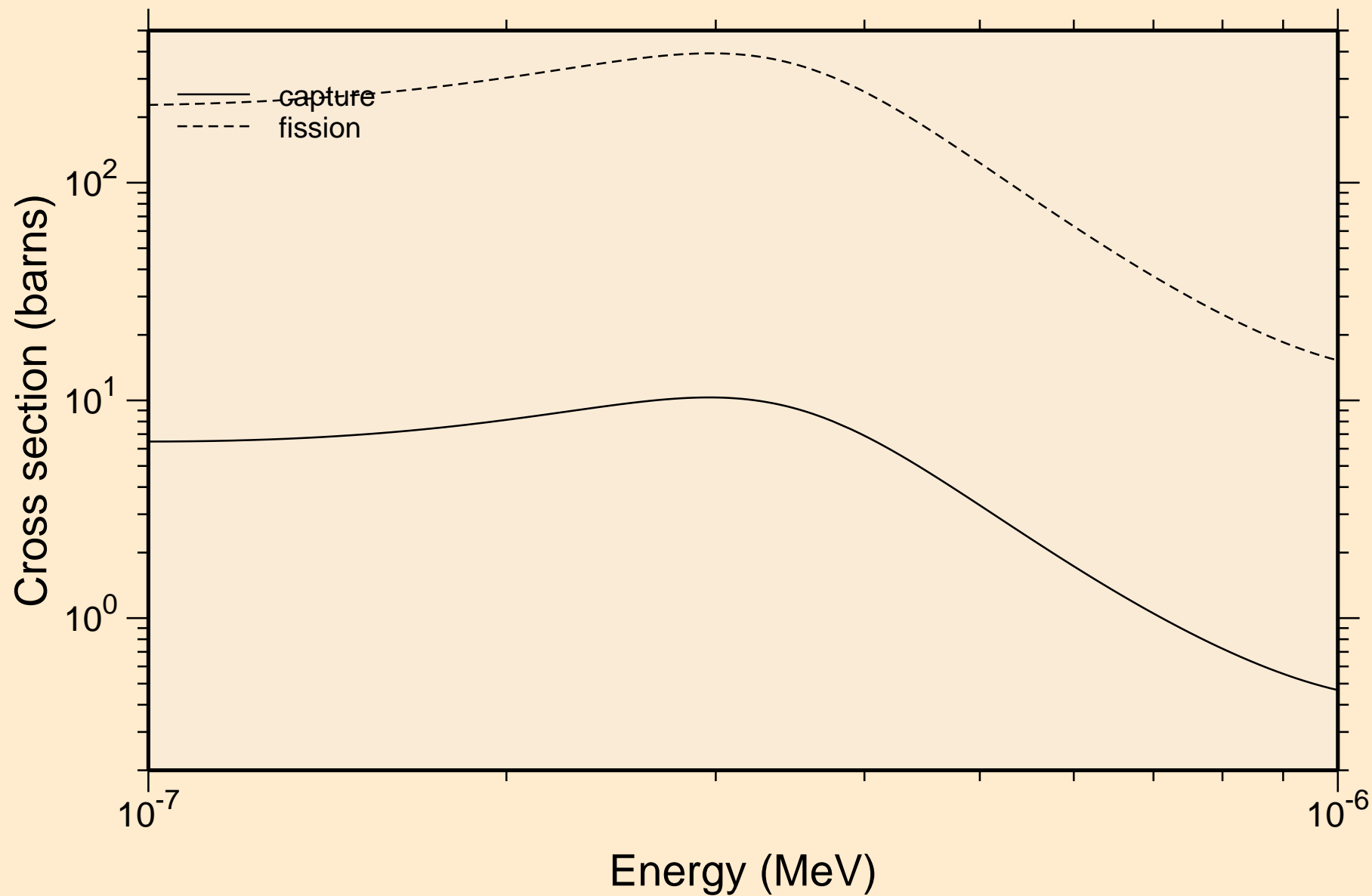
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resonance total cross section



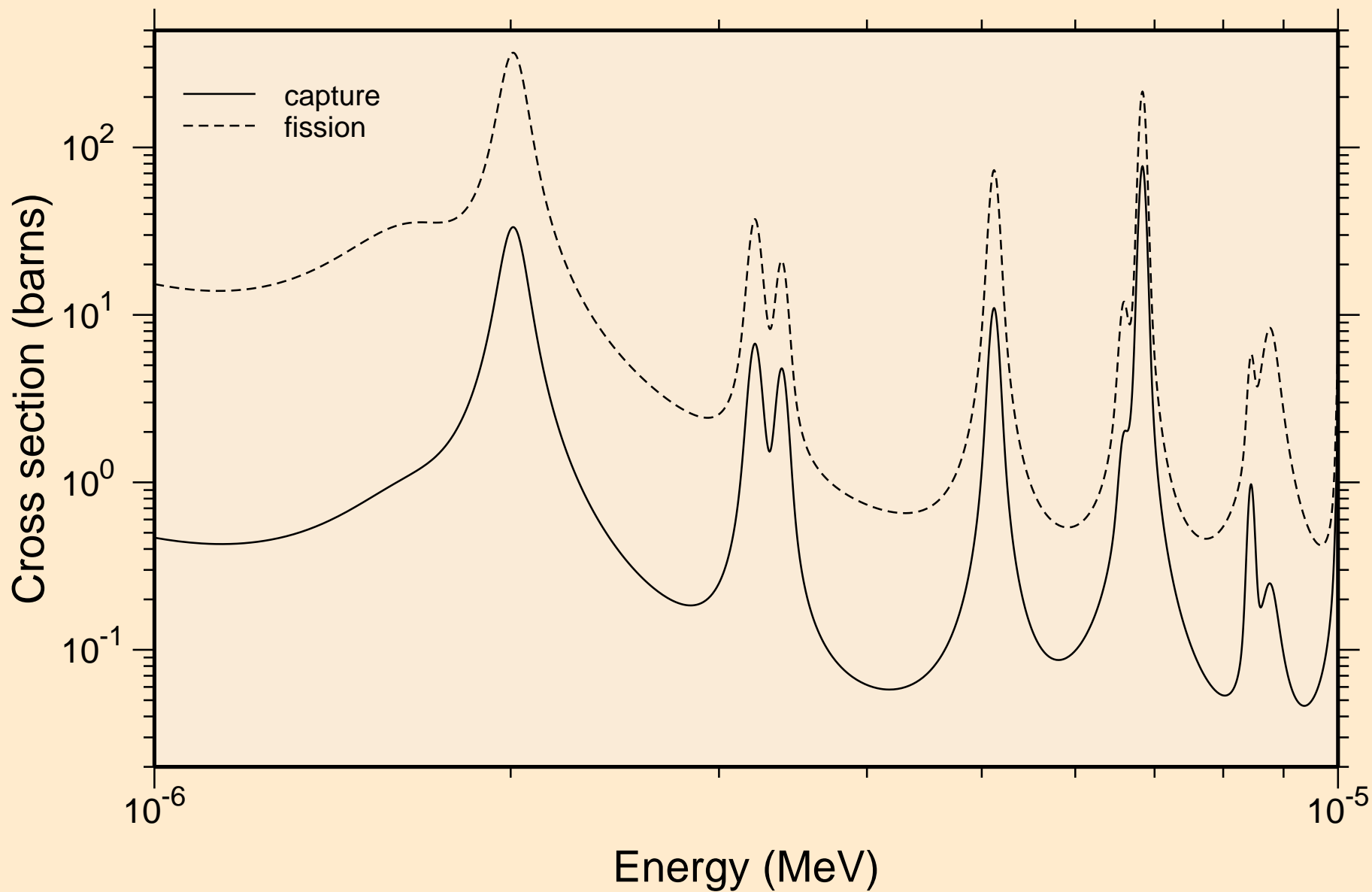
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resonance total cross section



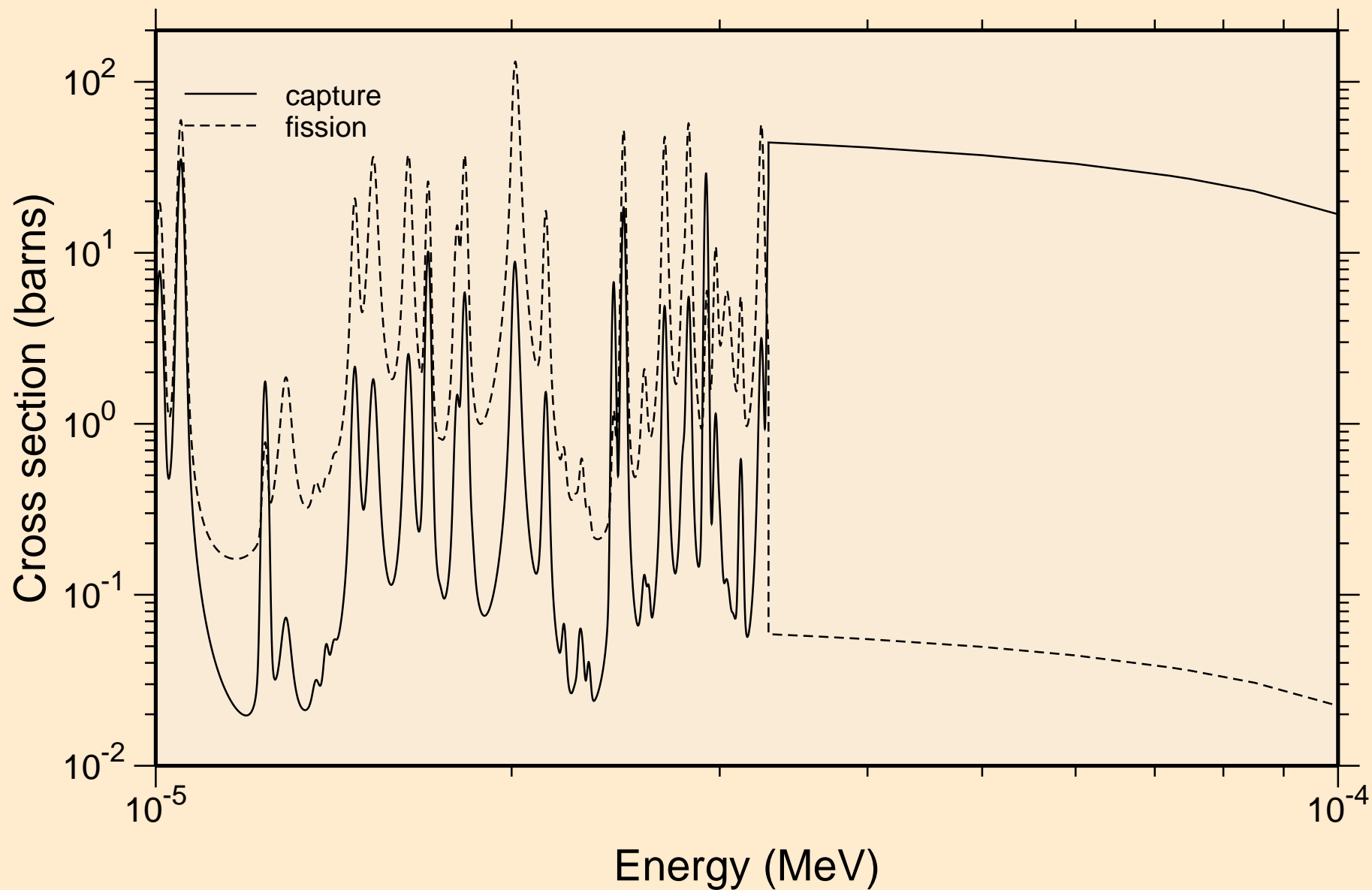
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resonance absorption cross sections



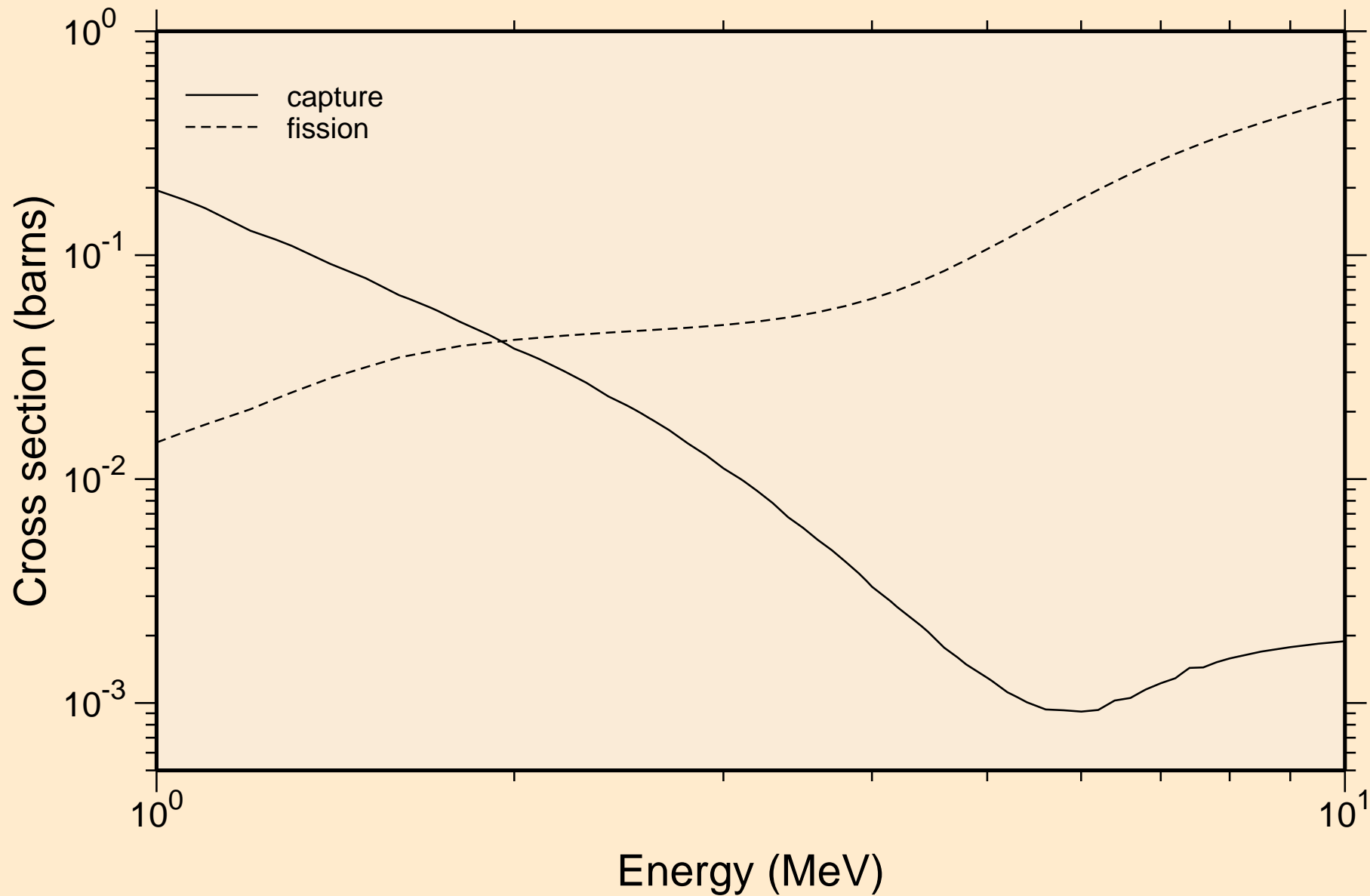
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resonance absorption cross sections



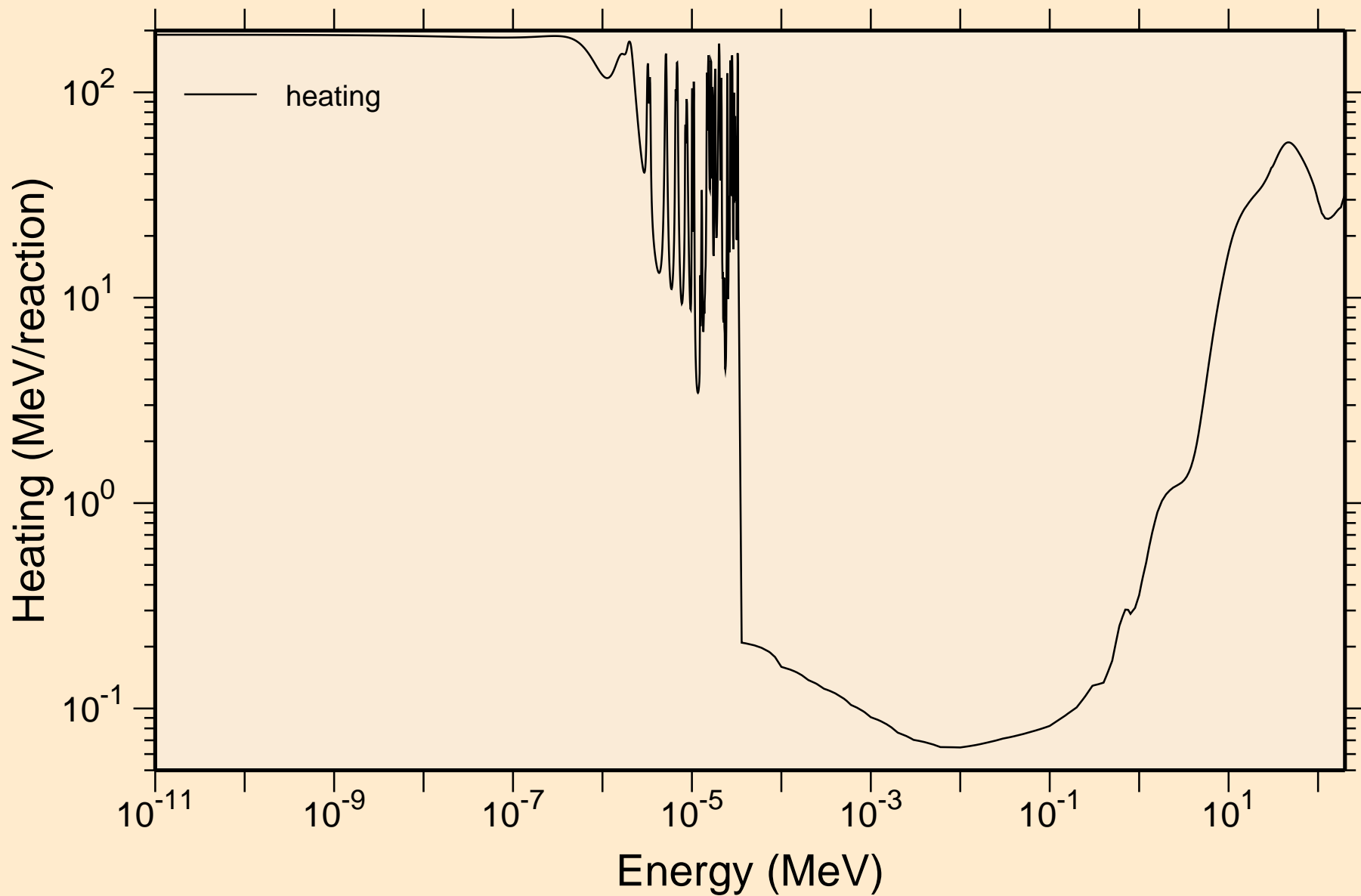
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resonance absorption cross sections



ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections

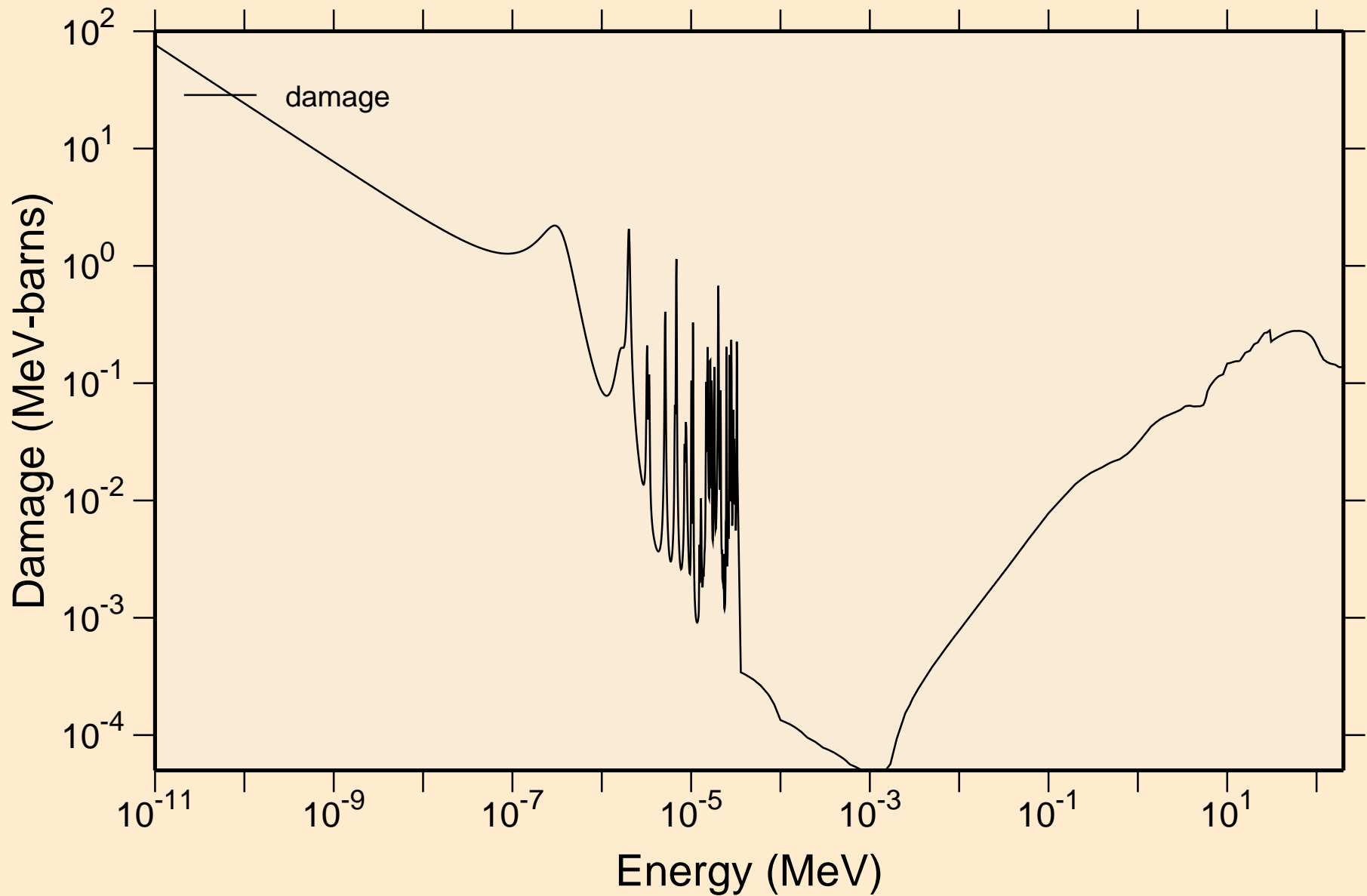


ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



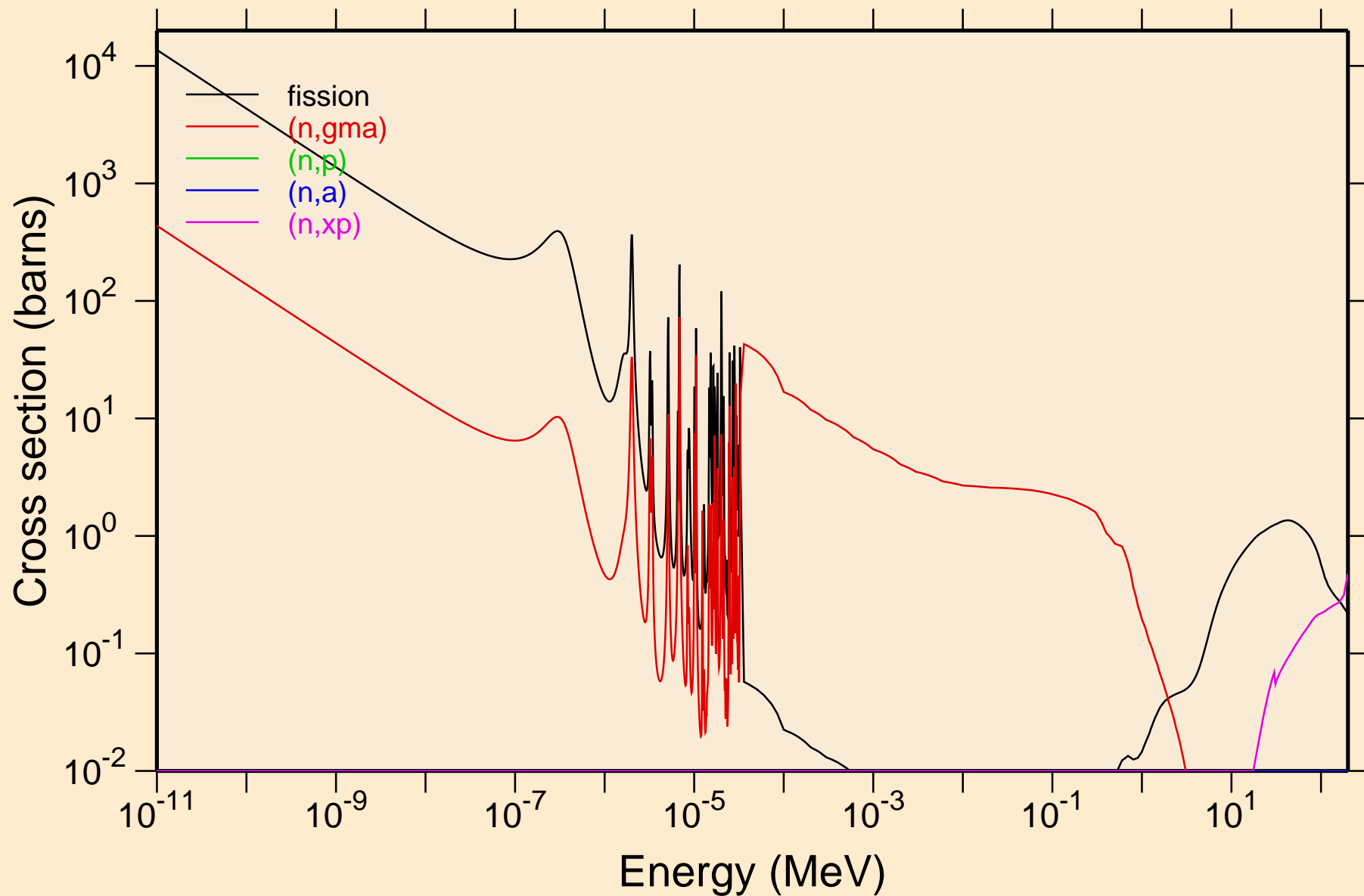
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Damage

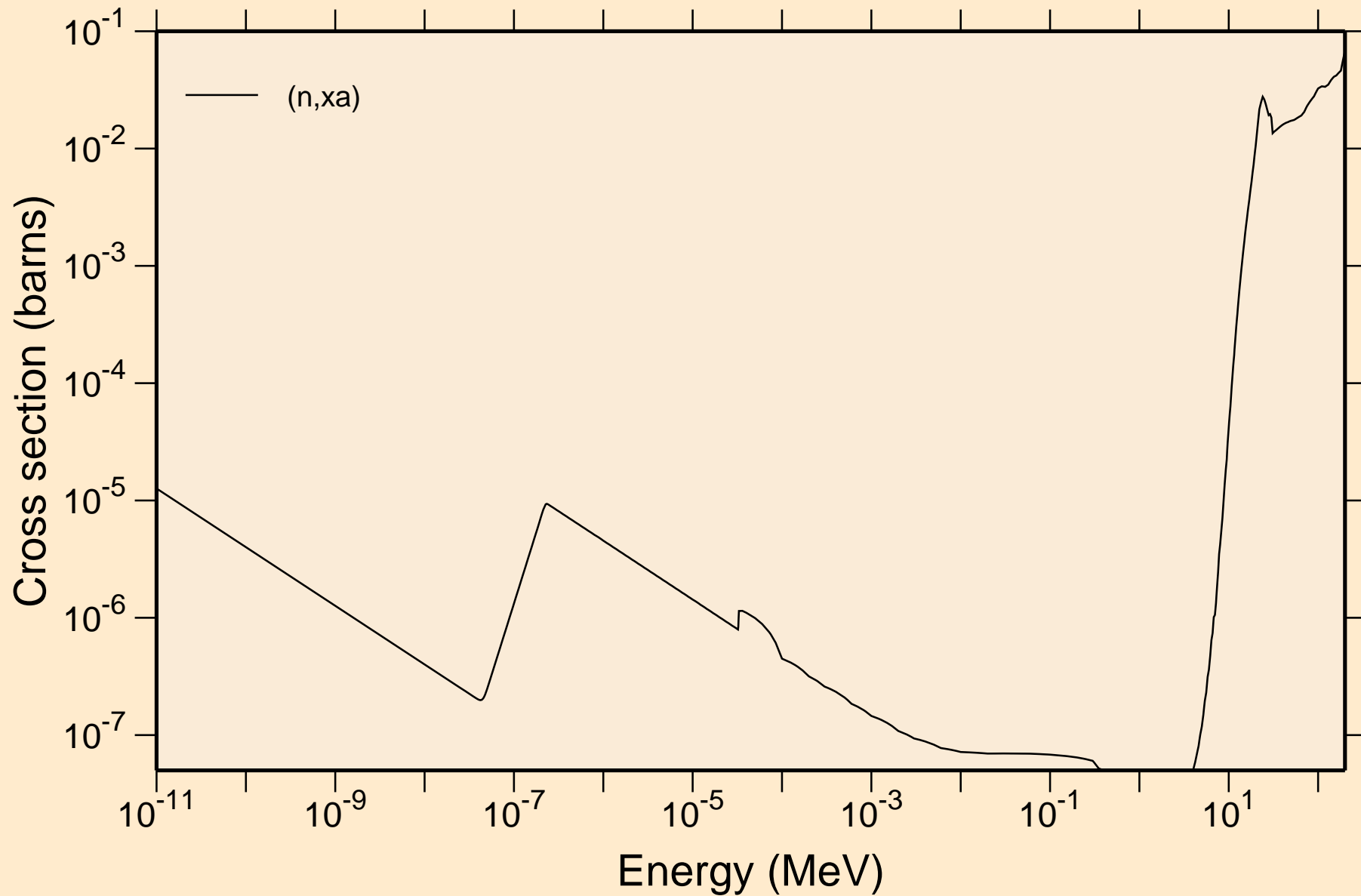


ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Non-threshold reactions

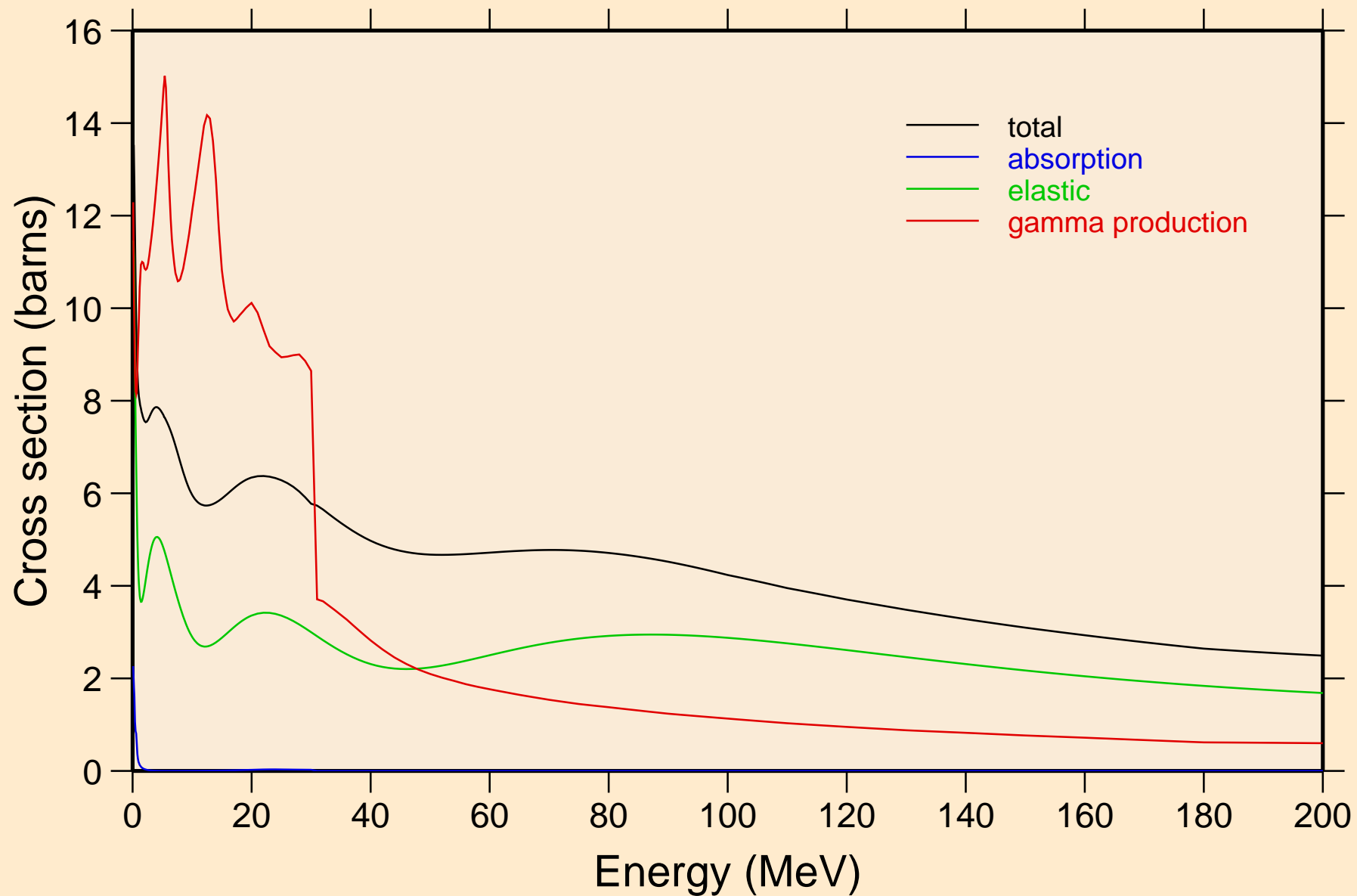


ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

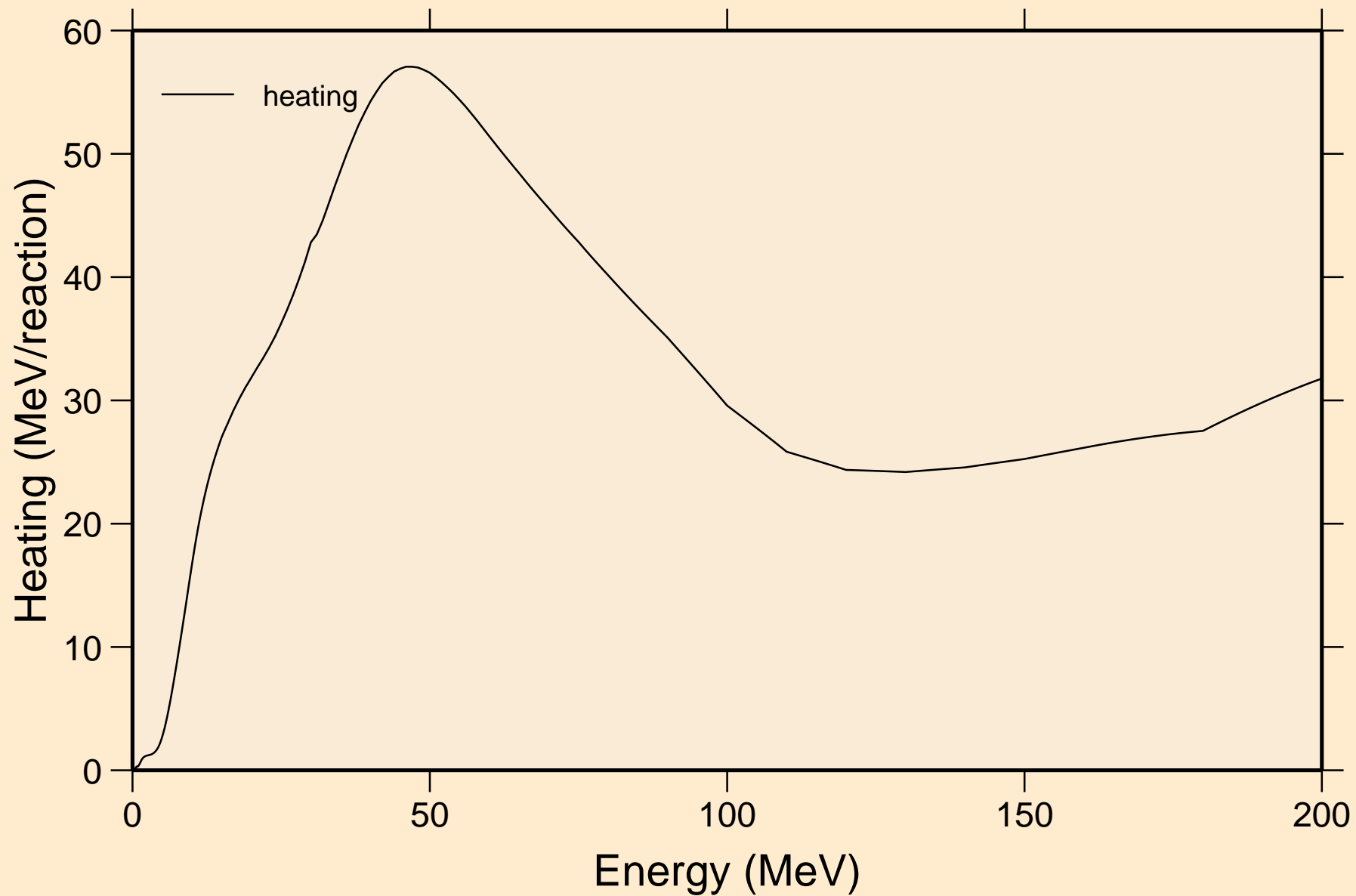


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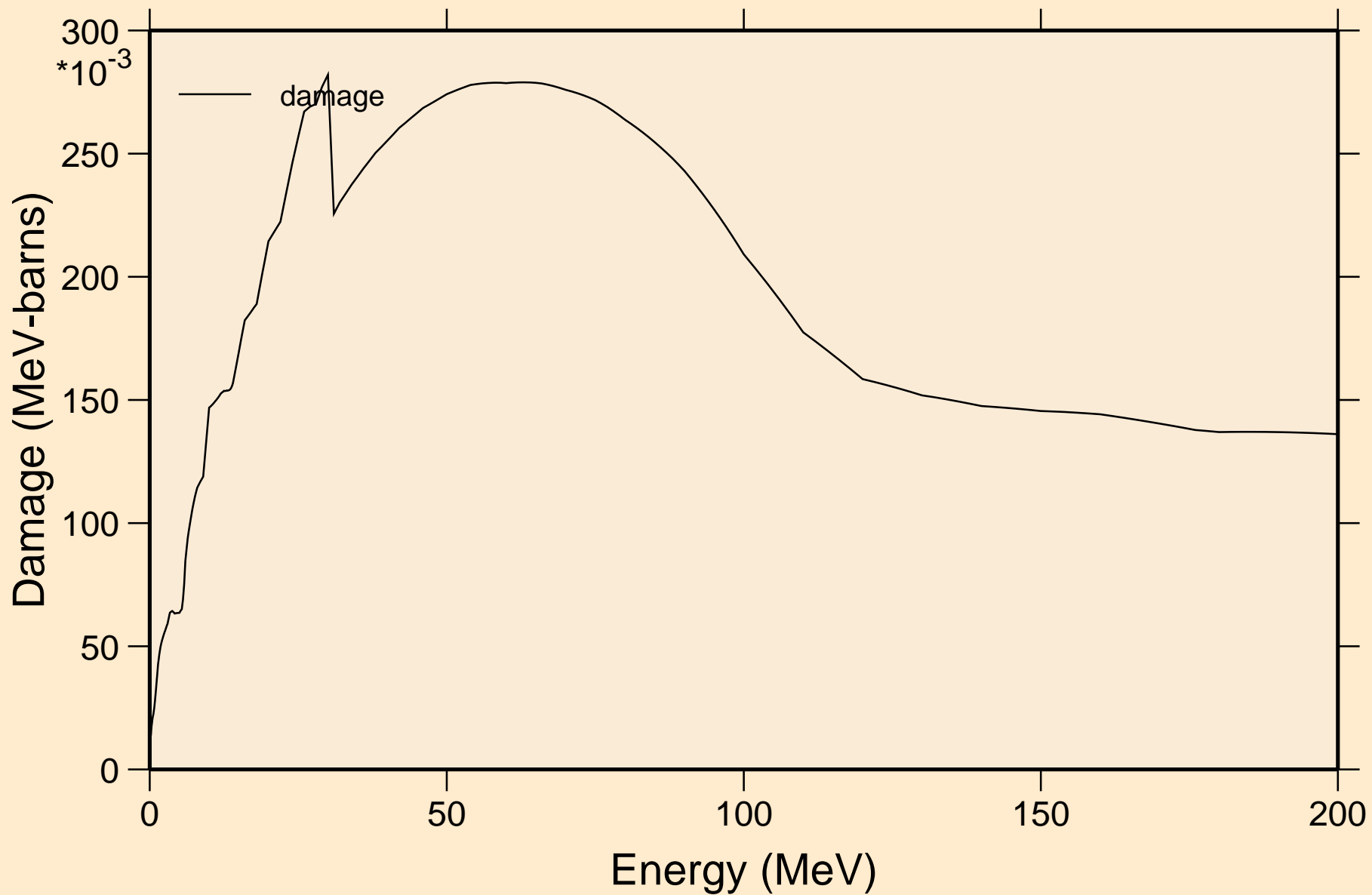
Principal cross sections



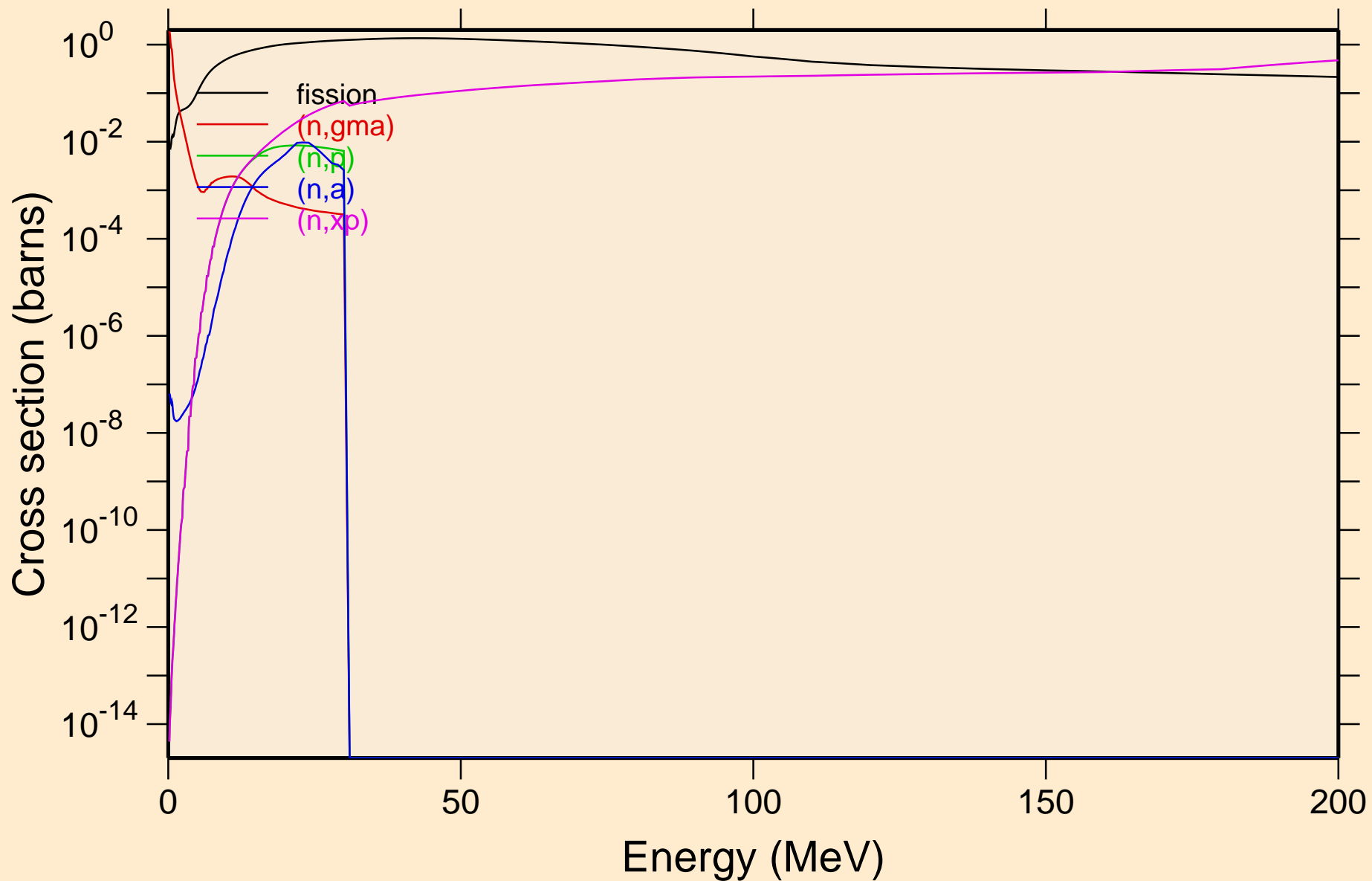
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



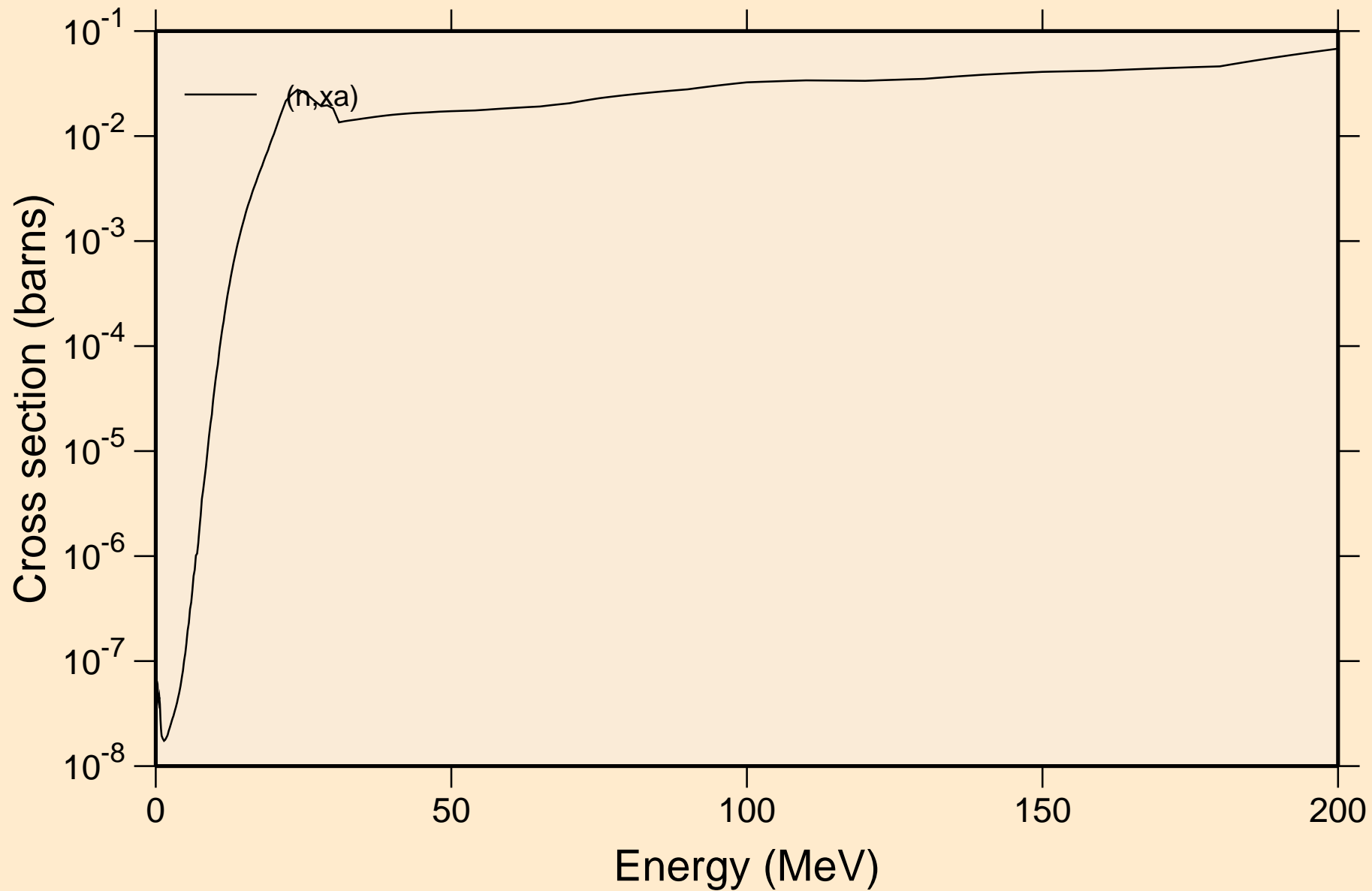
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



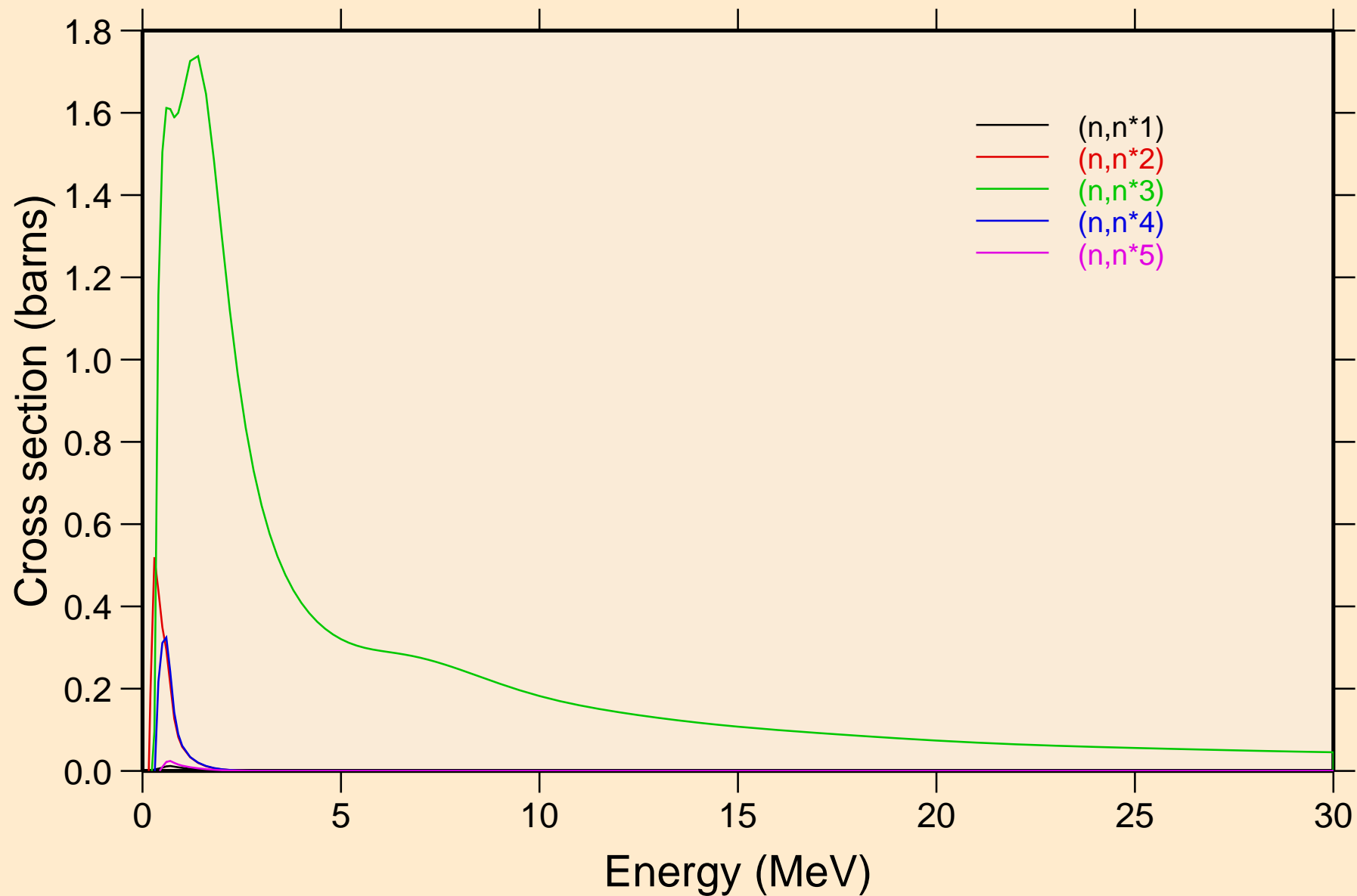
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



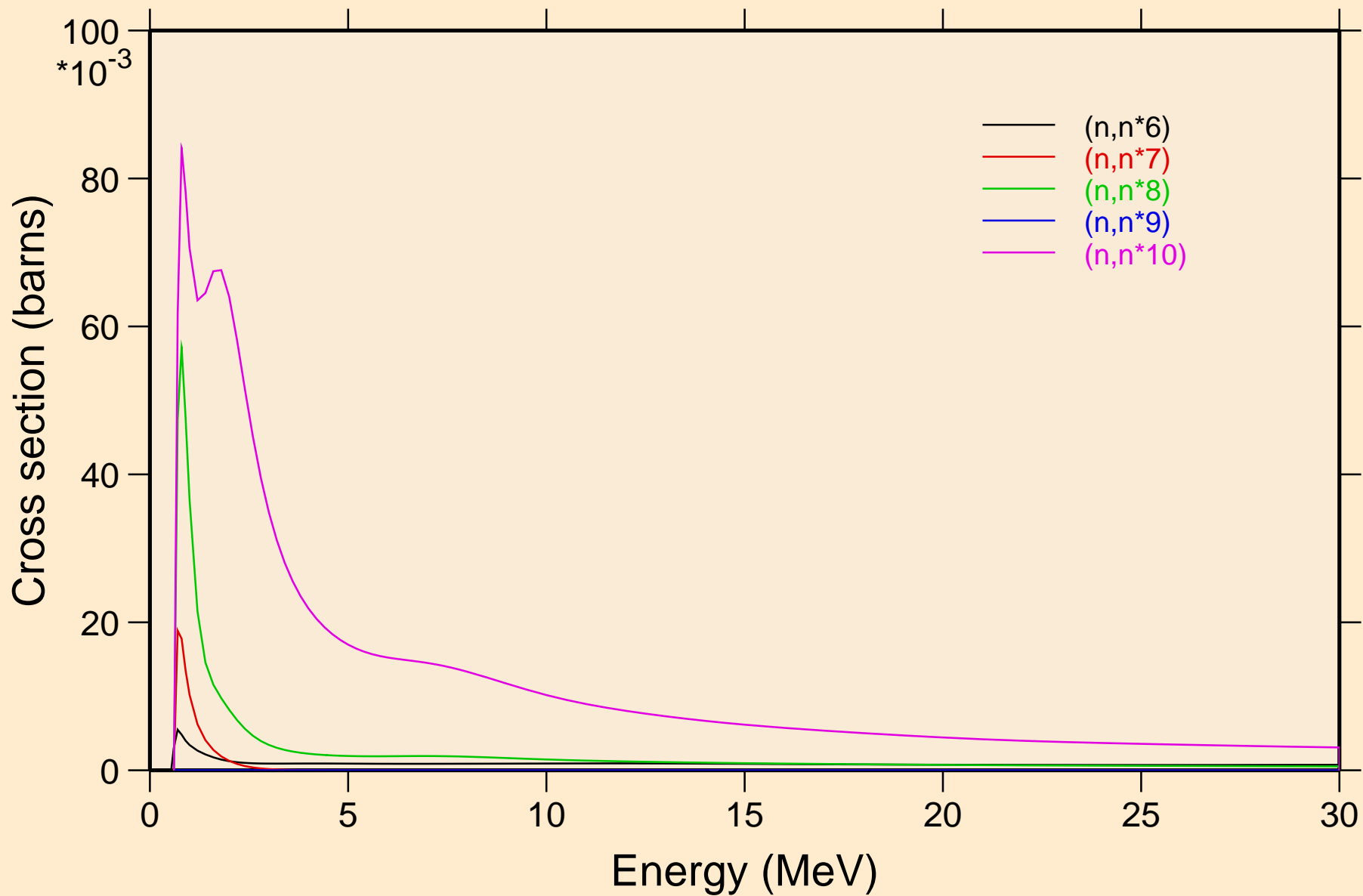
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Non-threshold reactions



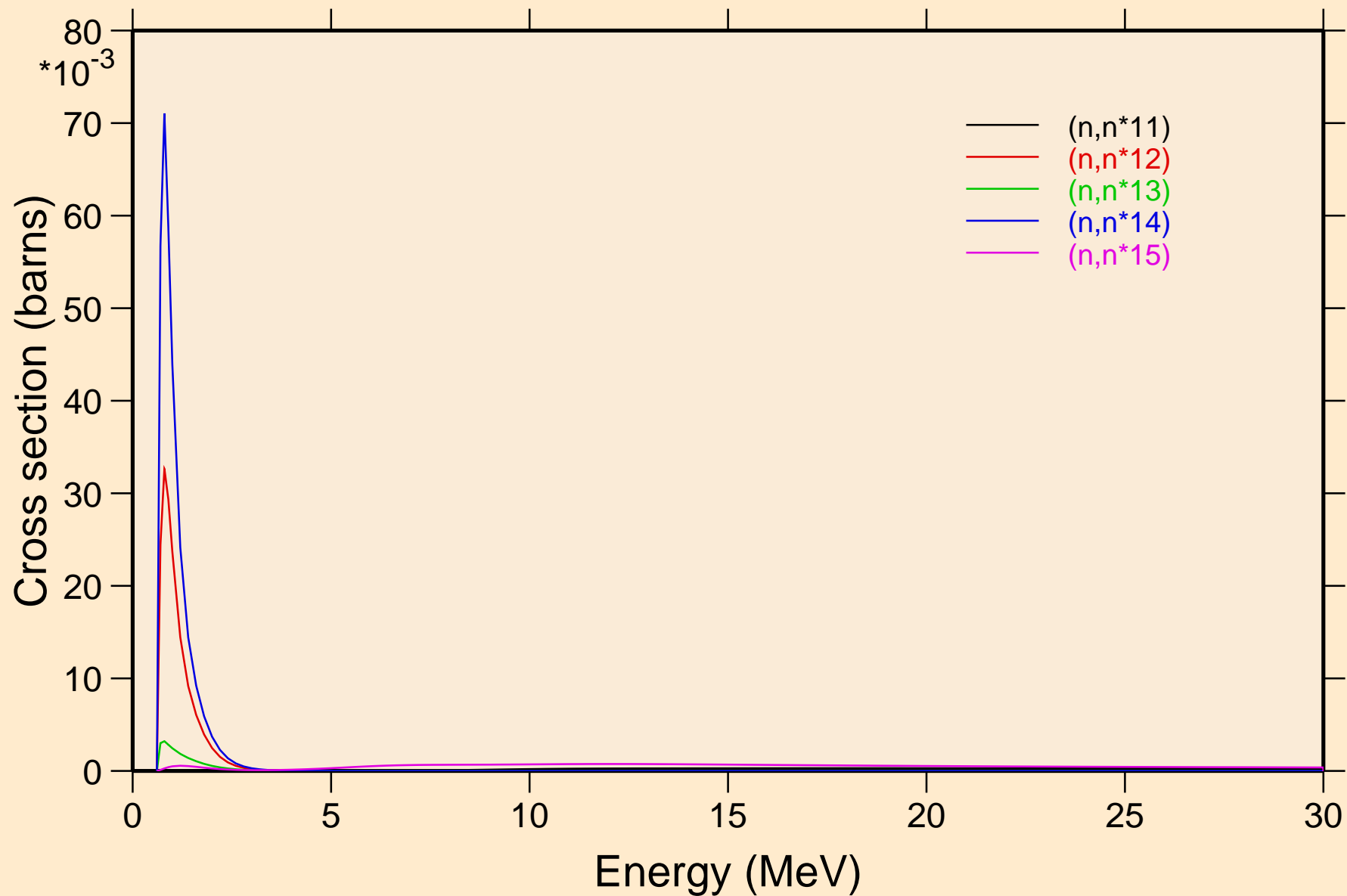
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



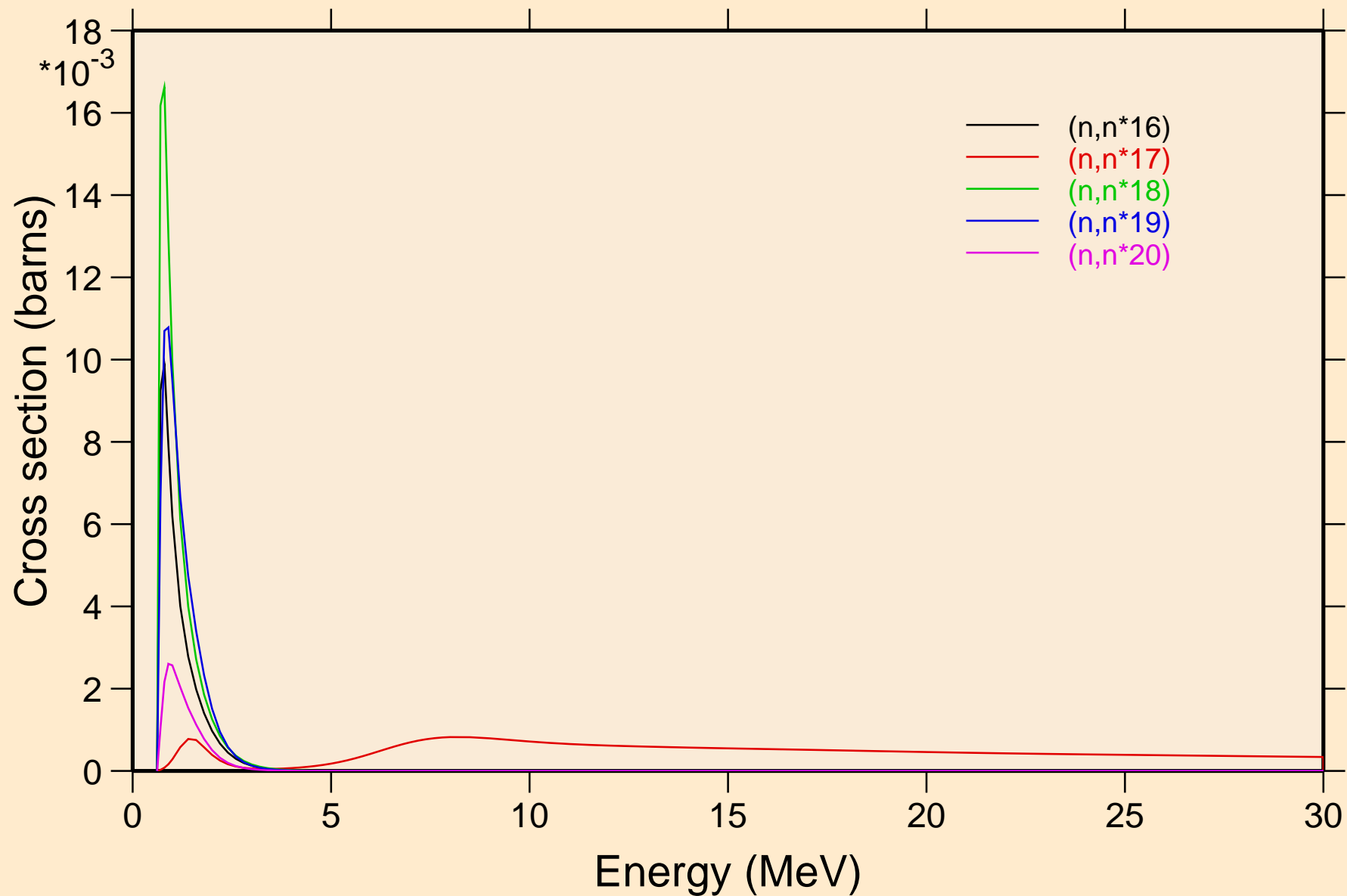
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



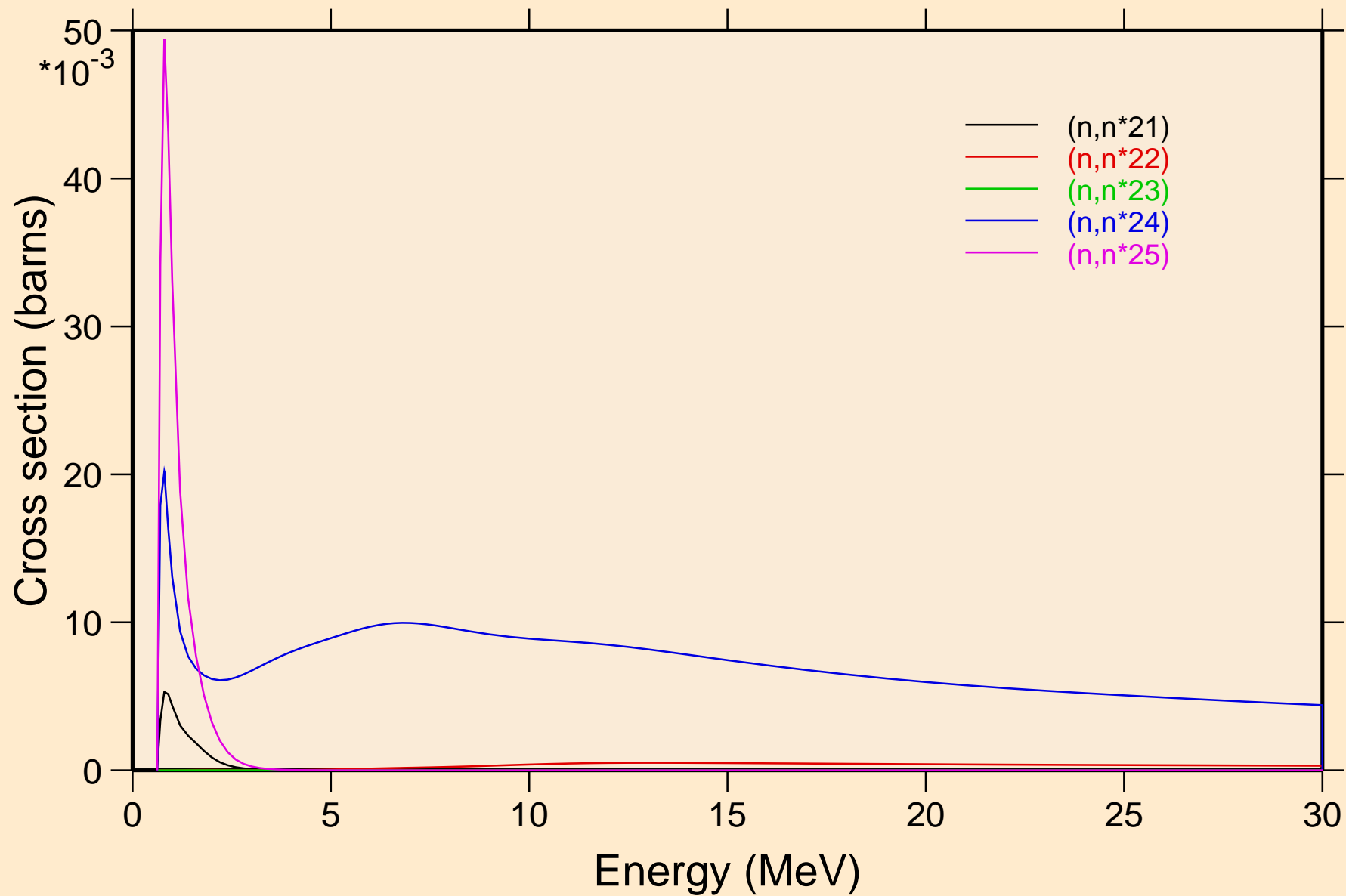
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



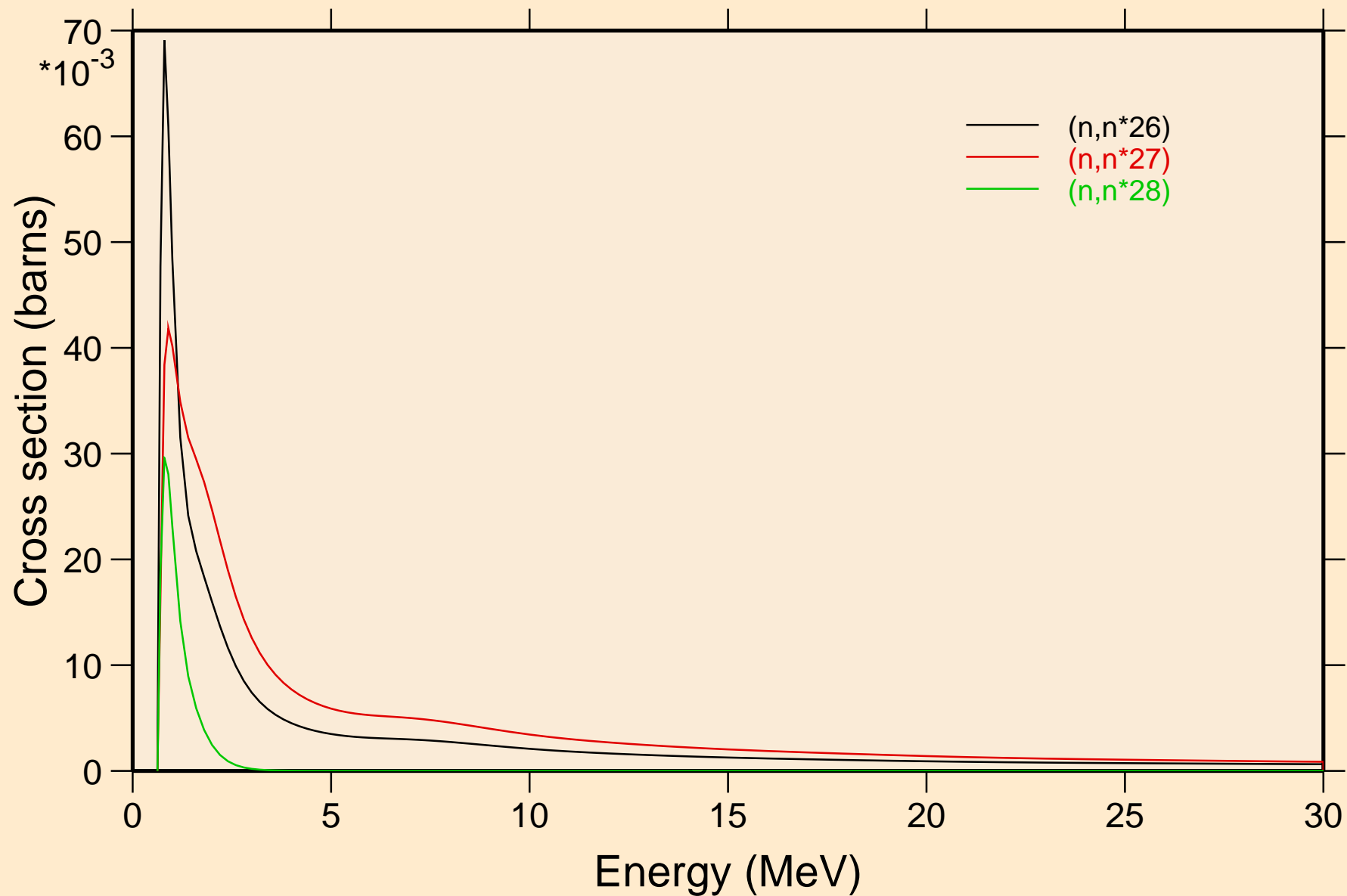
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

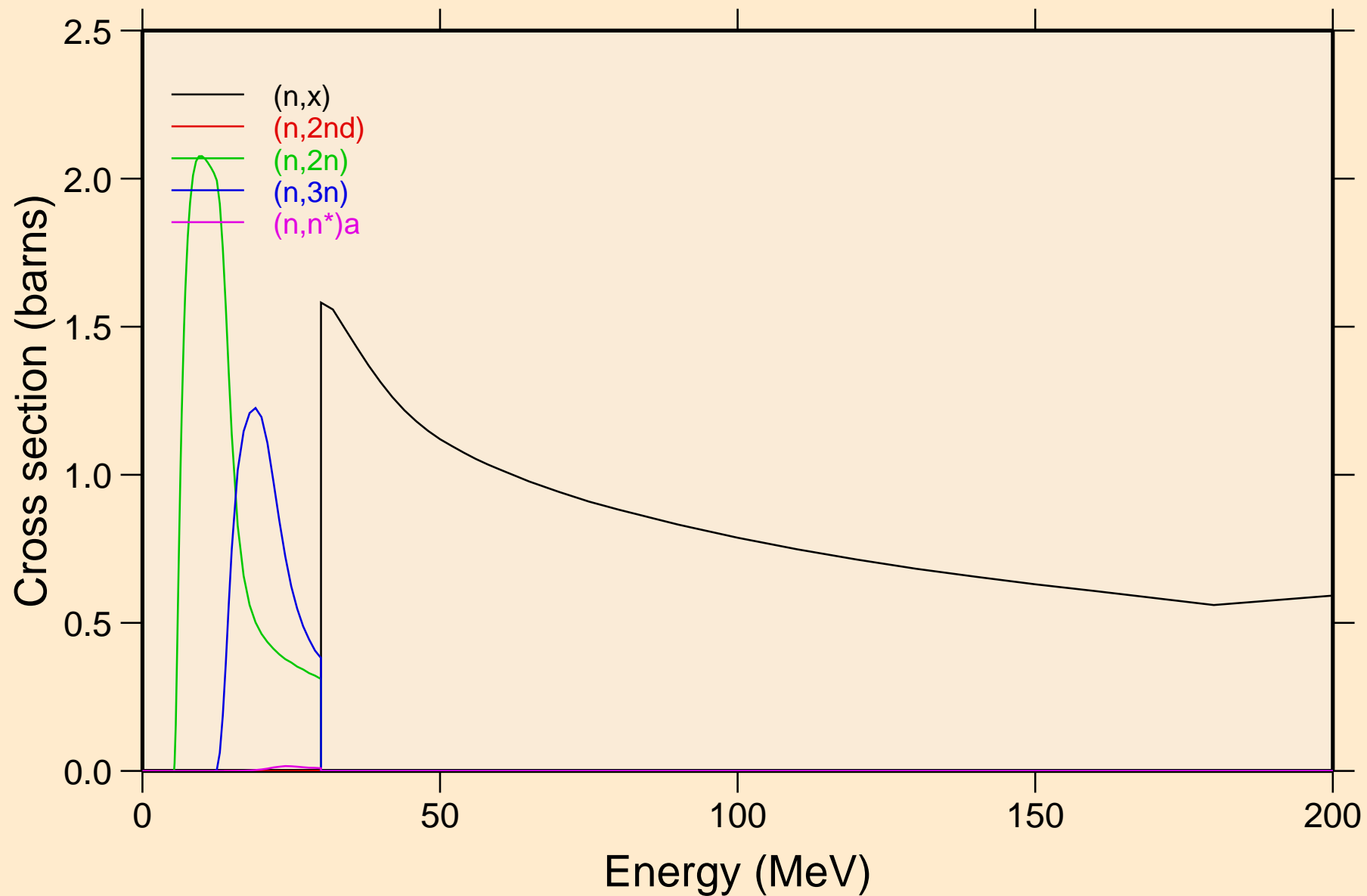


ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



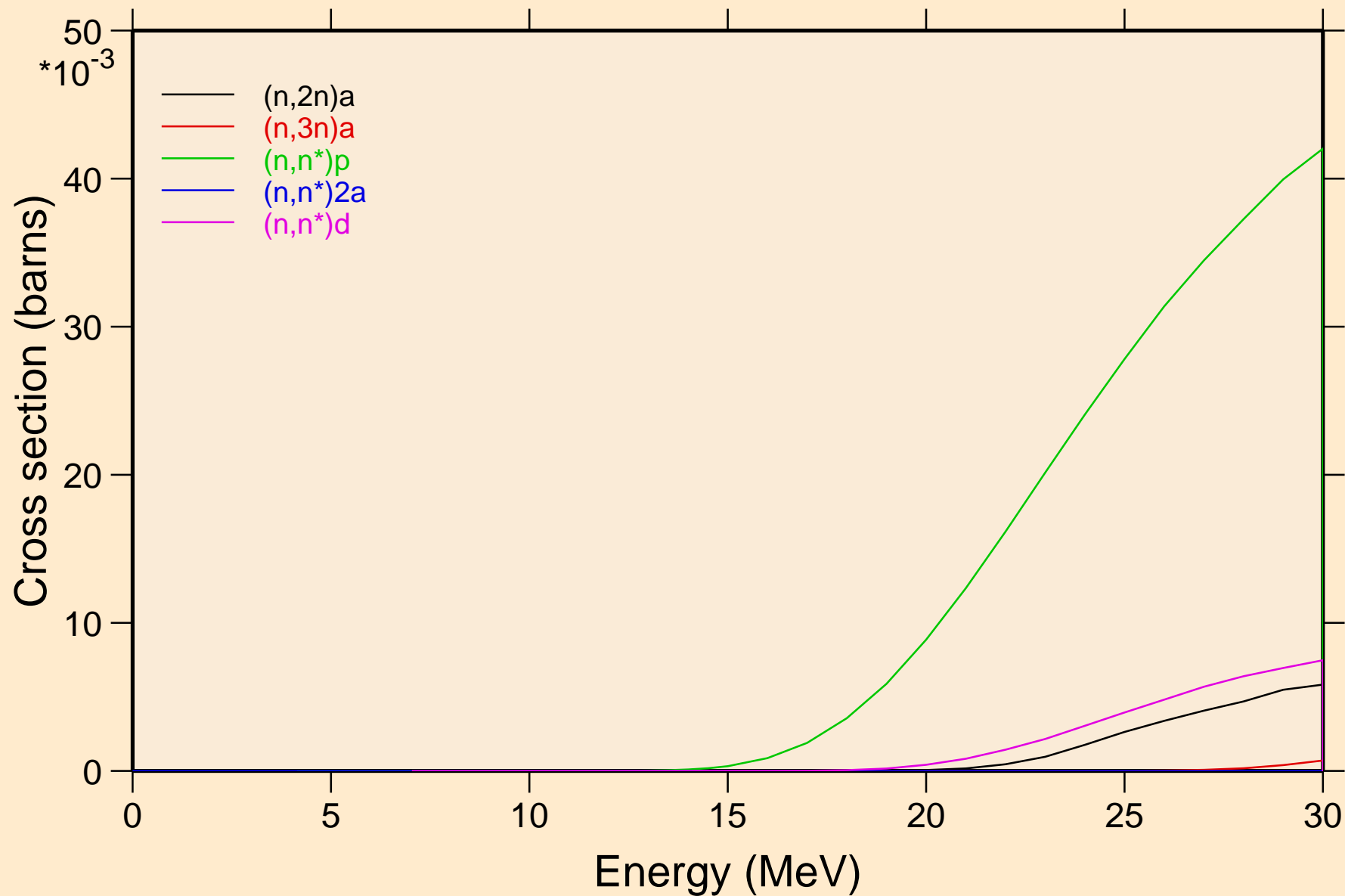
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Threshold reactions

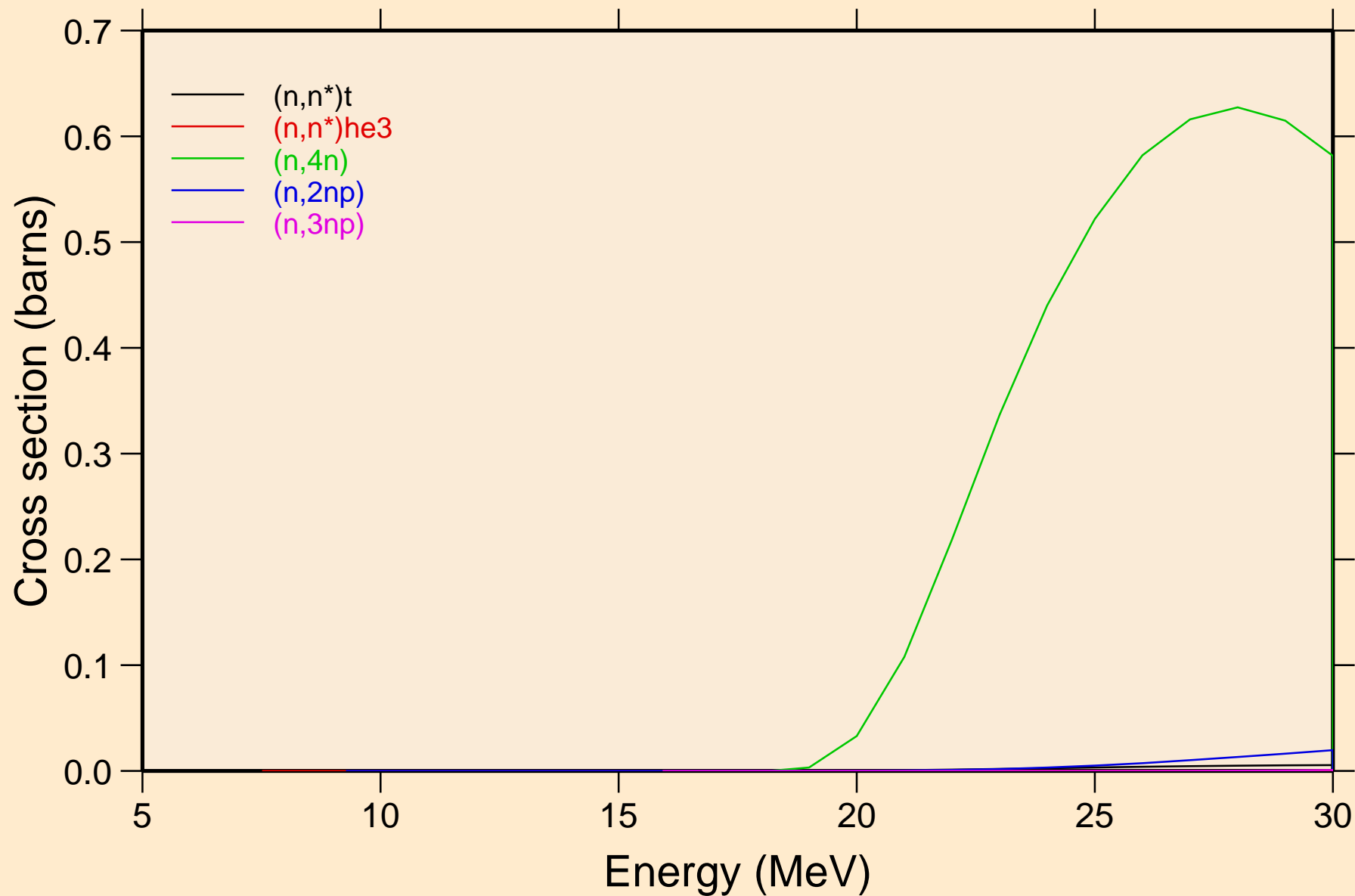


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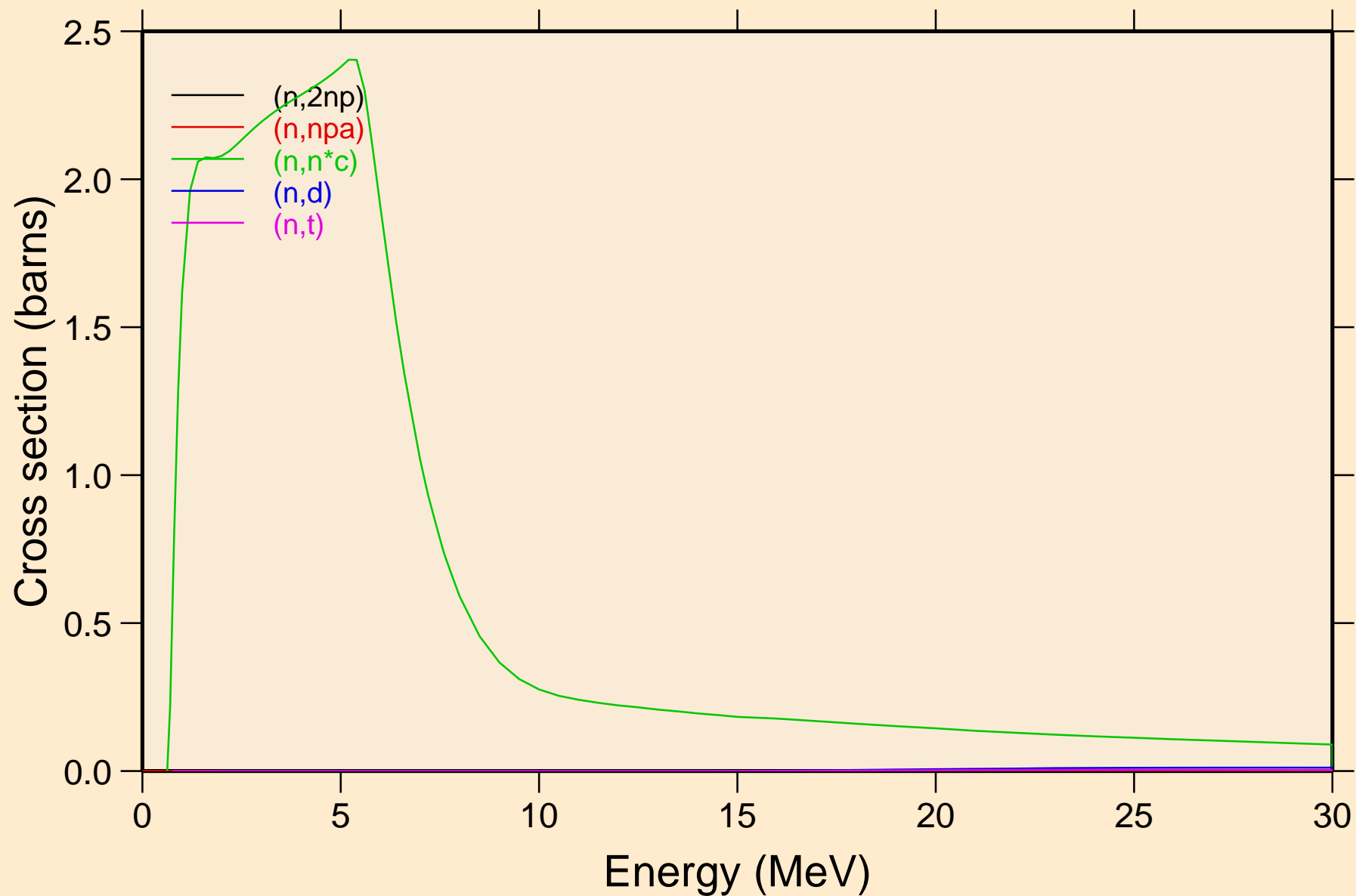
Threshold reactions



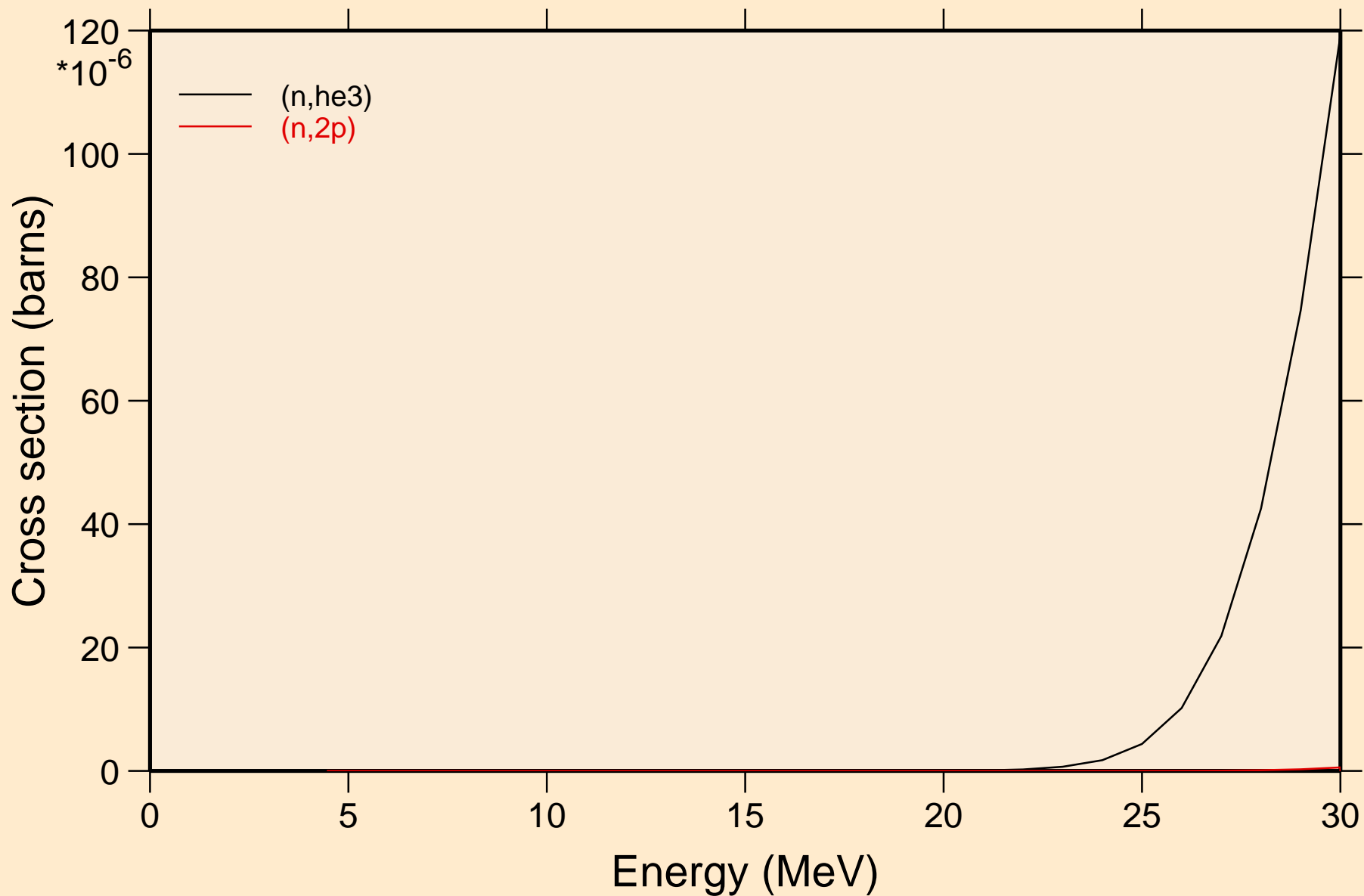
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

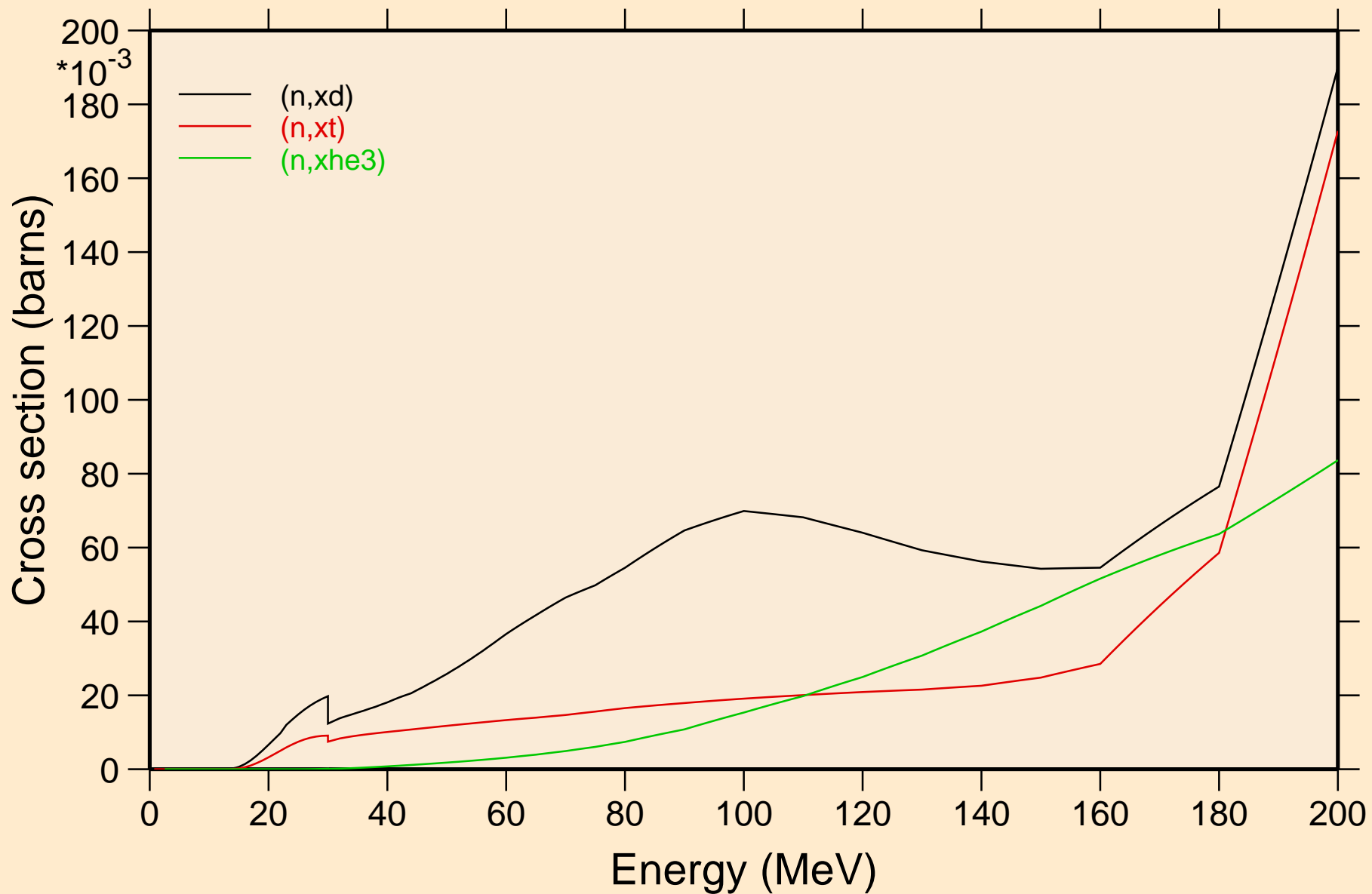


ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

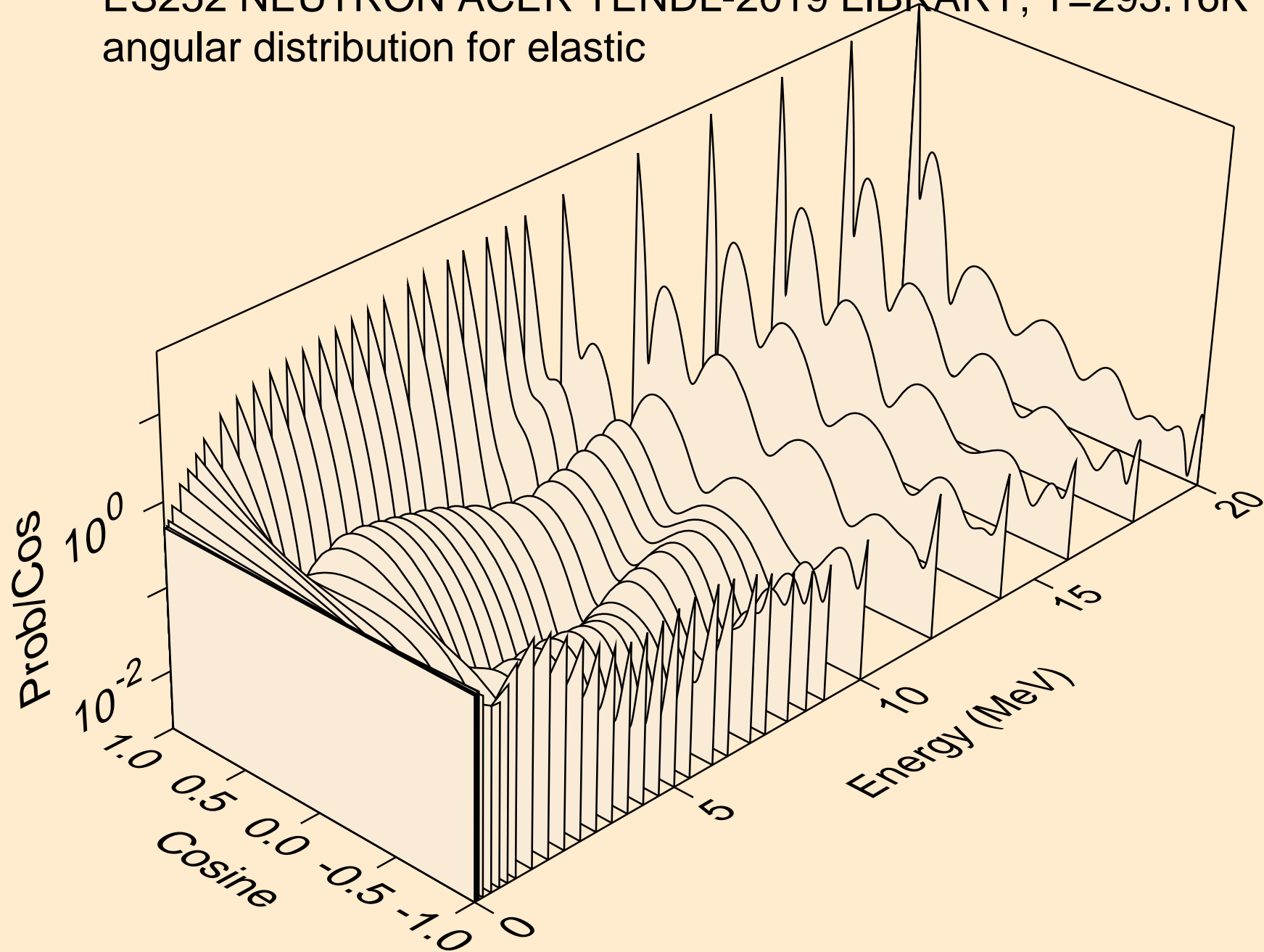


ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

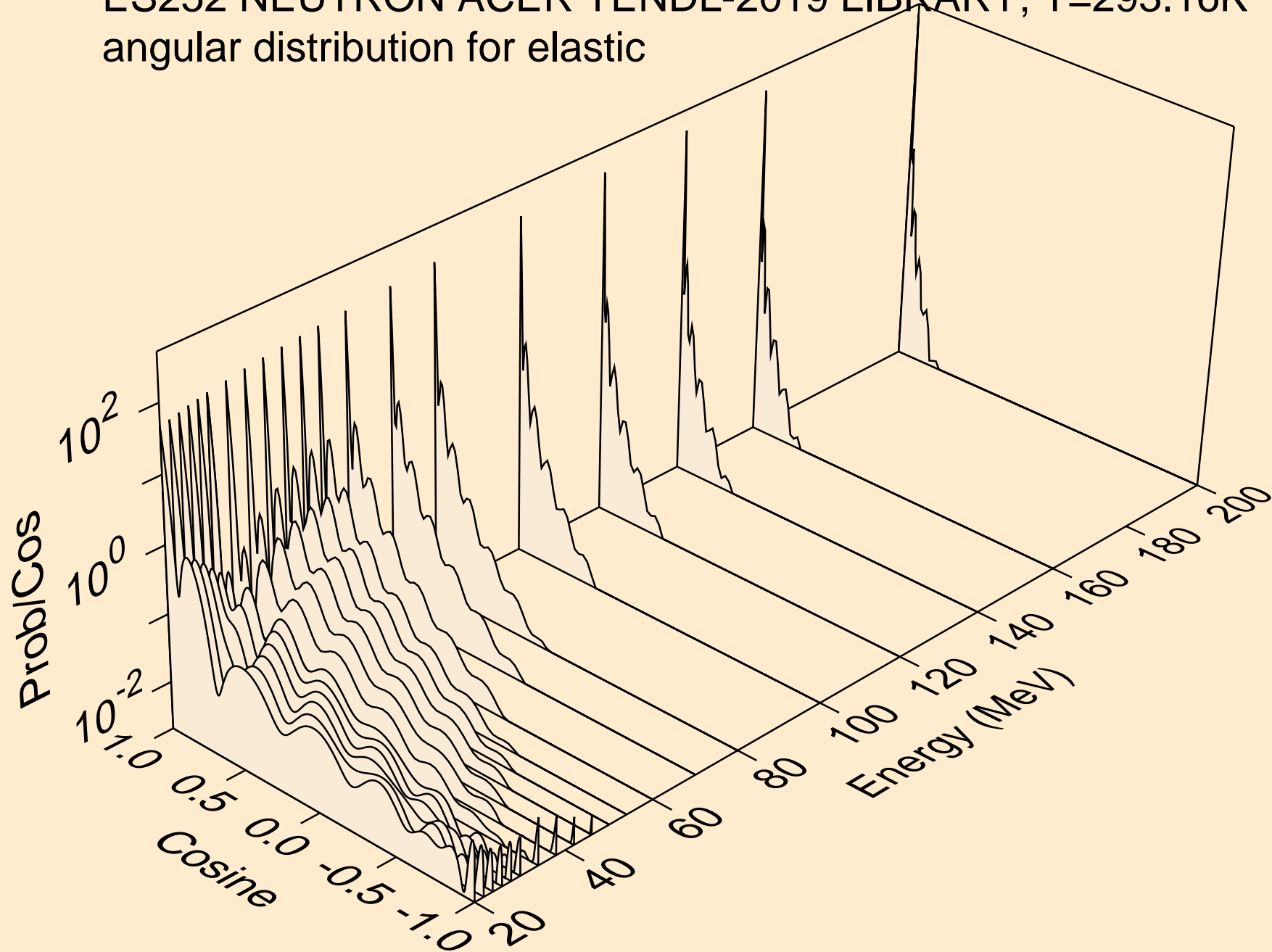
Threshold reactions



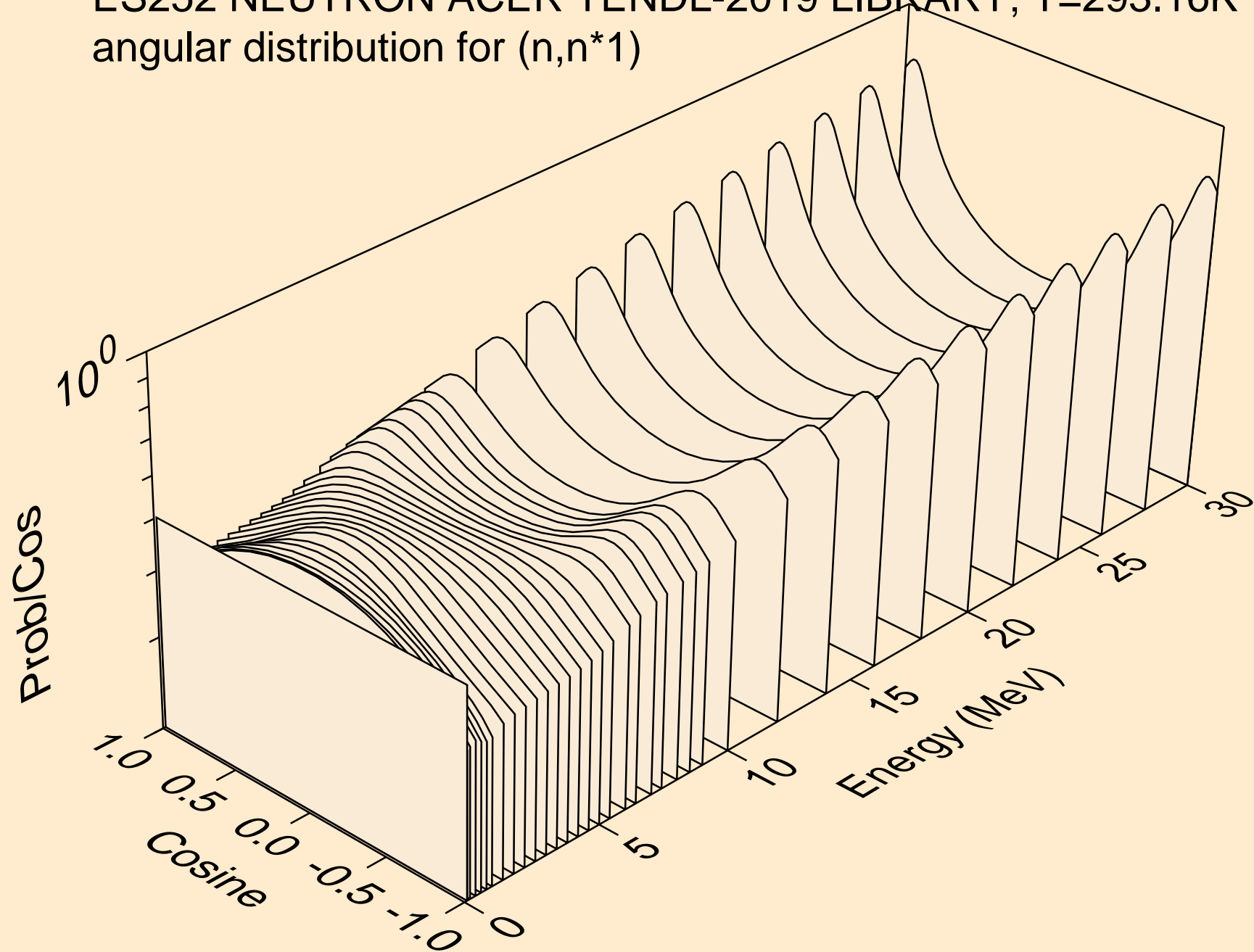
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angular distribution for elastic



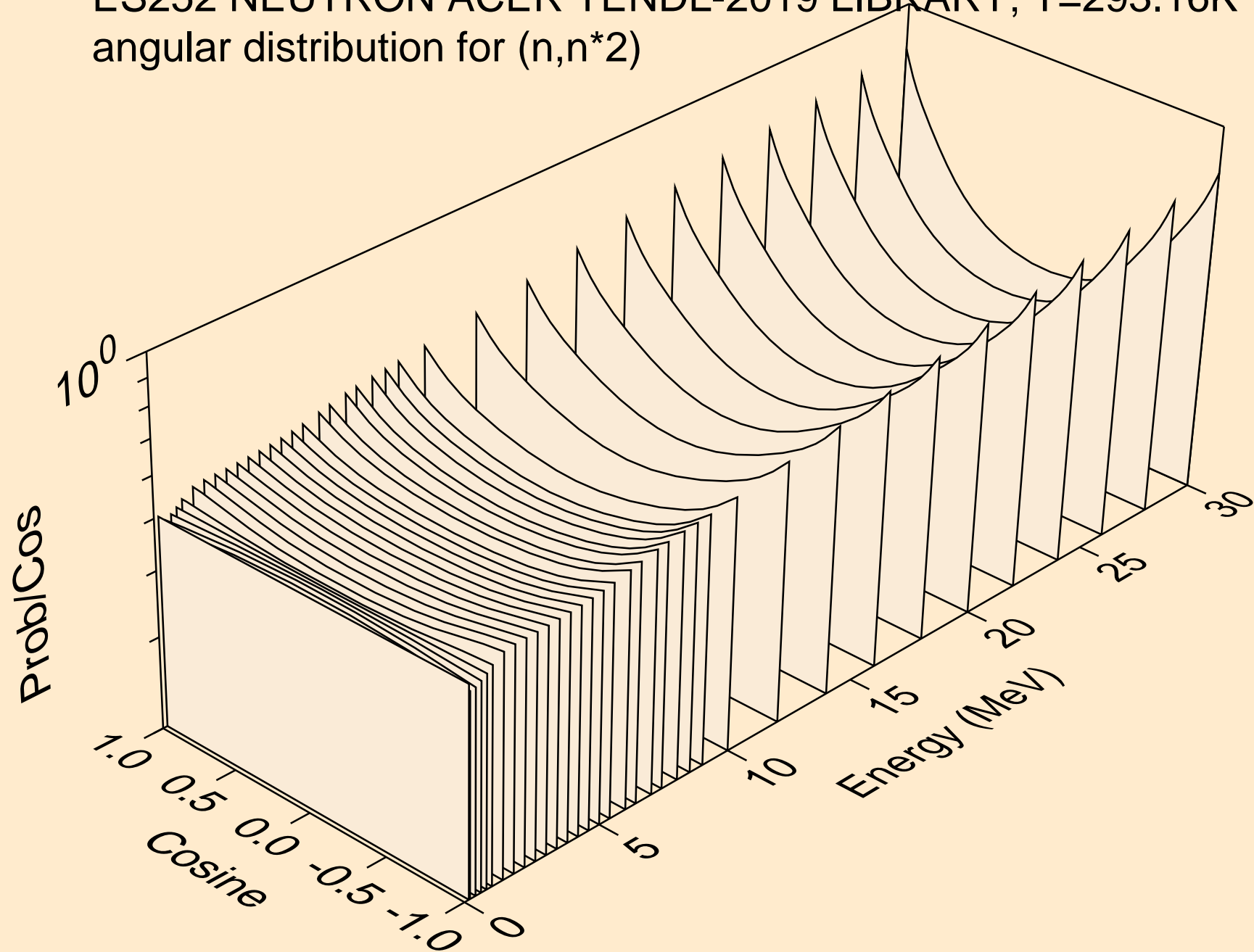
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angular distribution for elastic



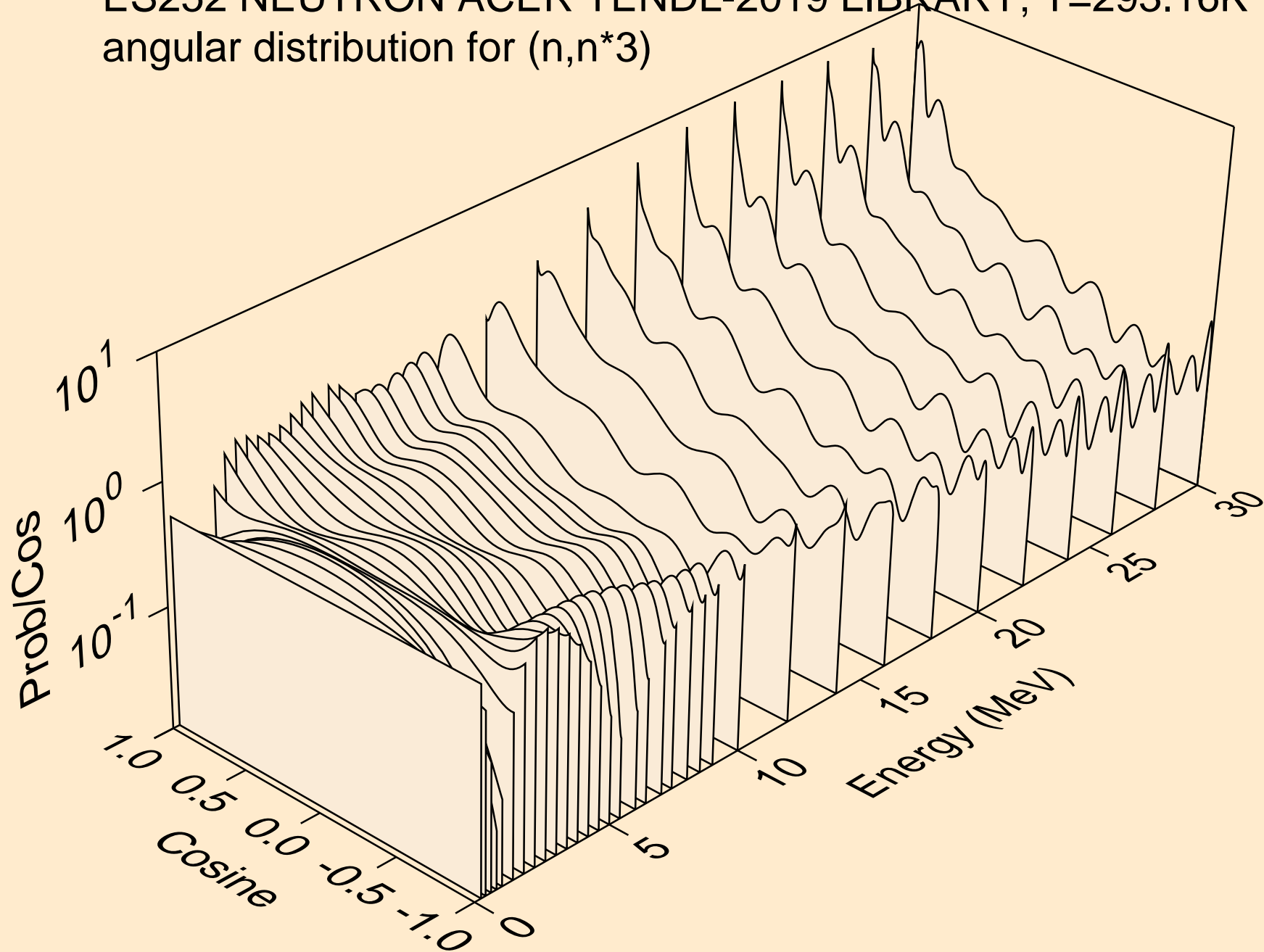
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



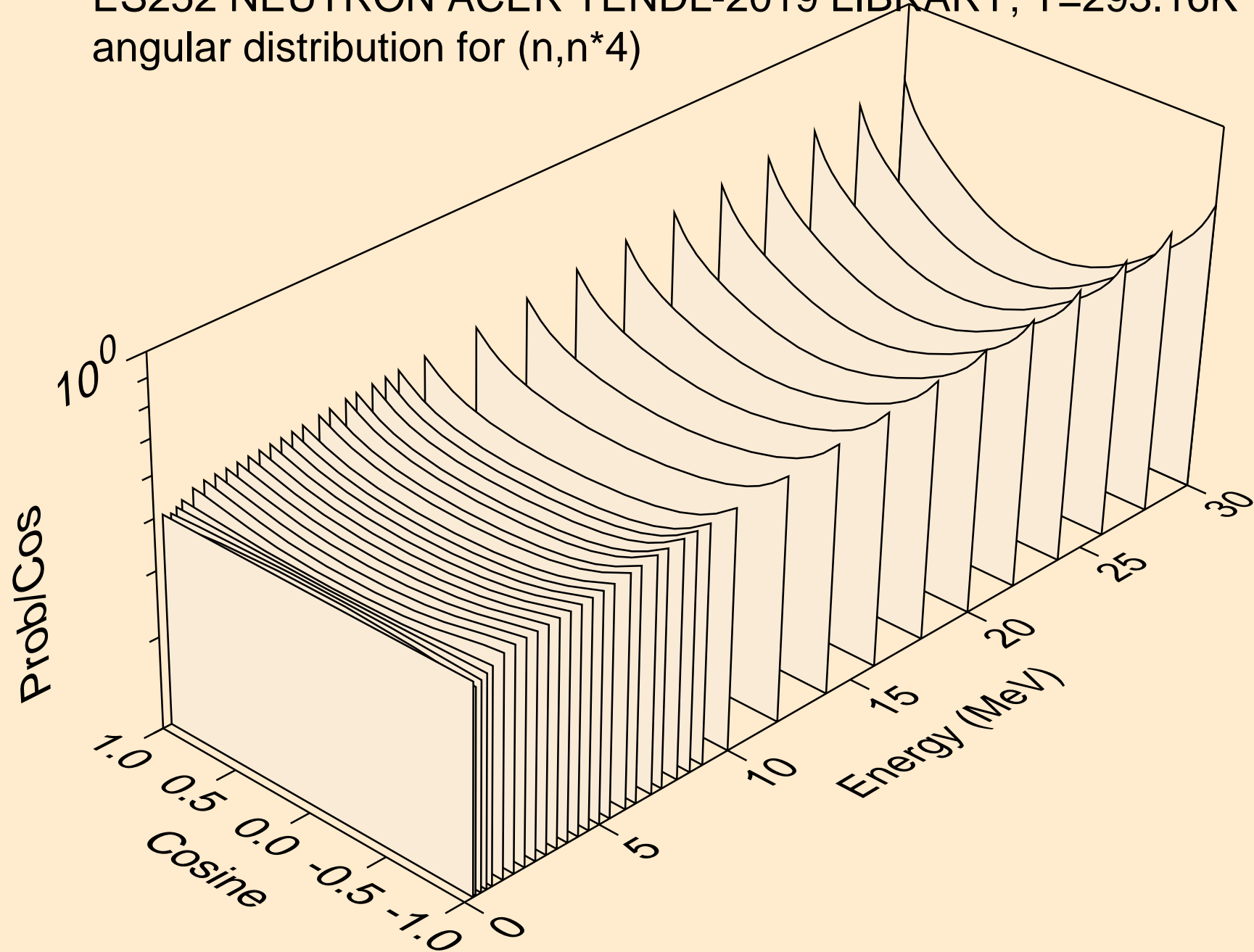
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angular distribution for (n,n*2)



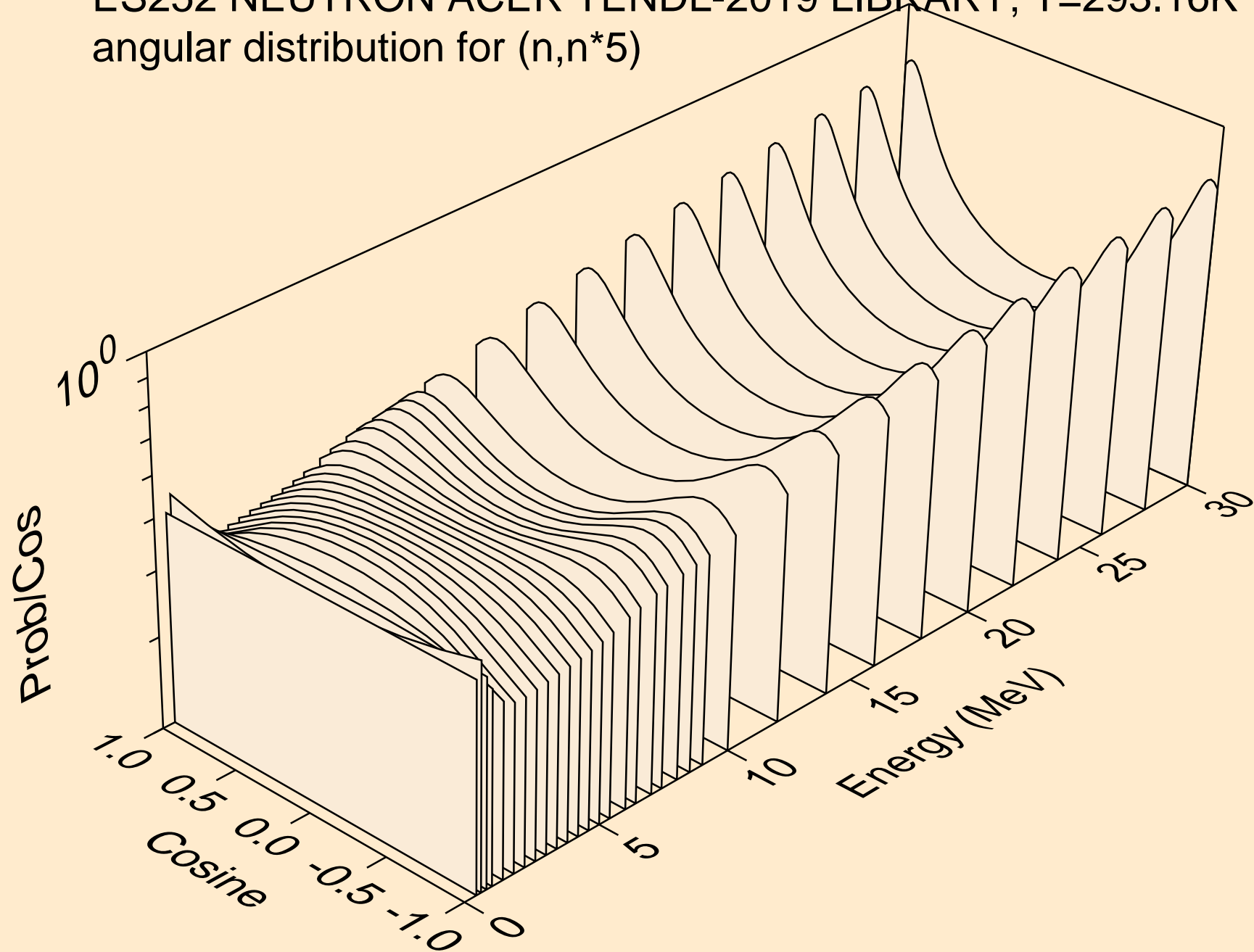
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angular distribution for (n,n*3)



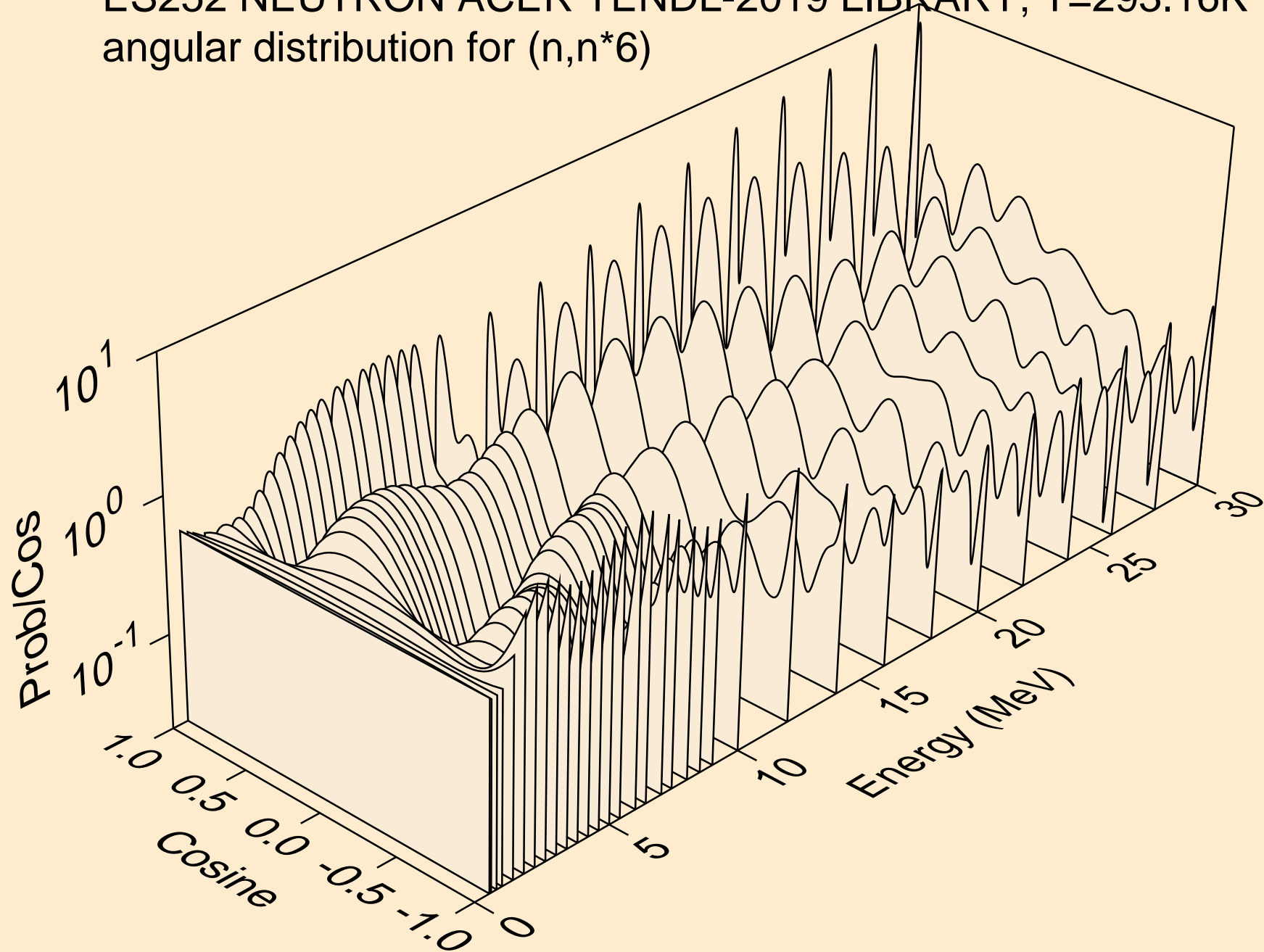
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angular distribution for (n,n*4)



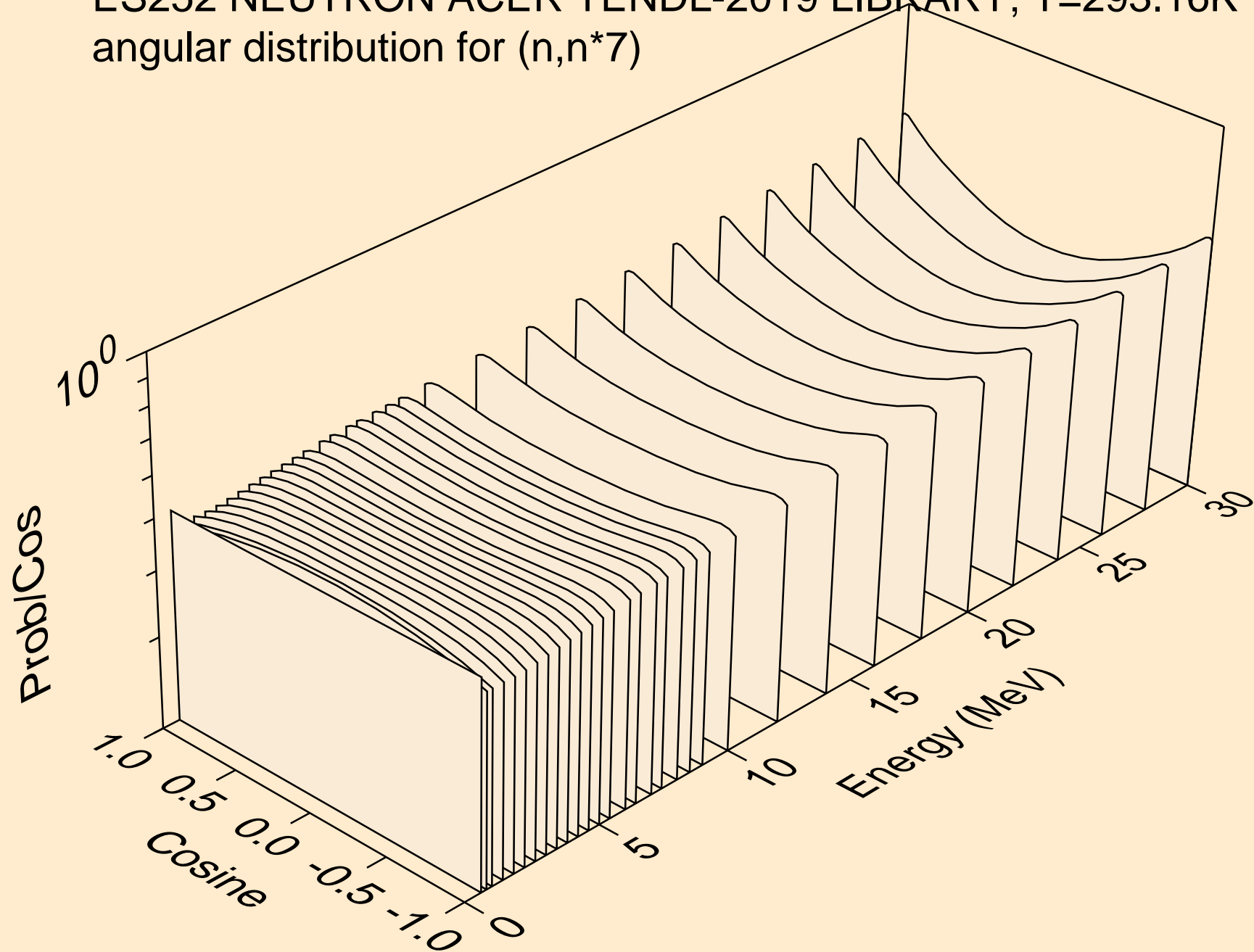
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angular distribution for (n,n*5)



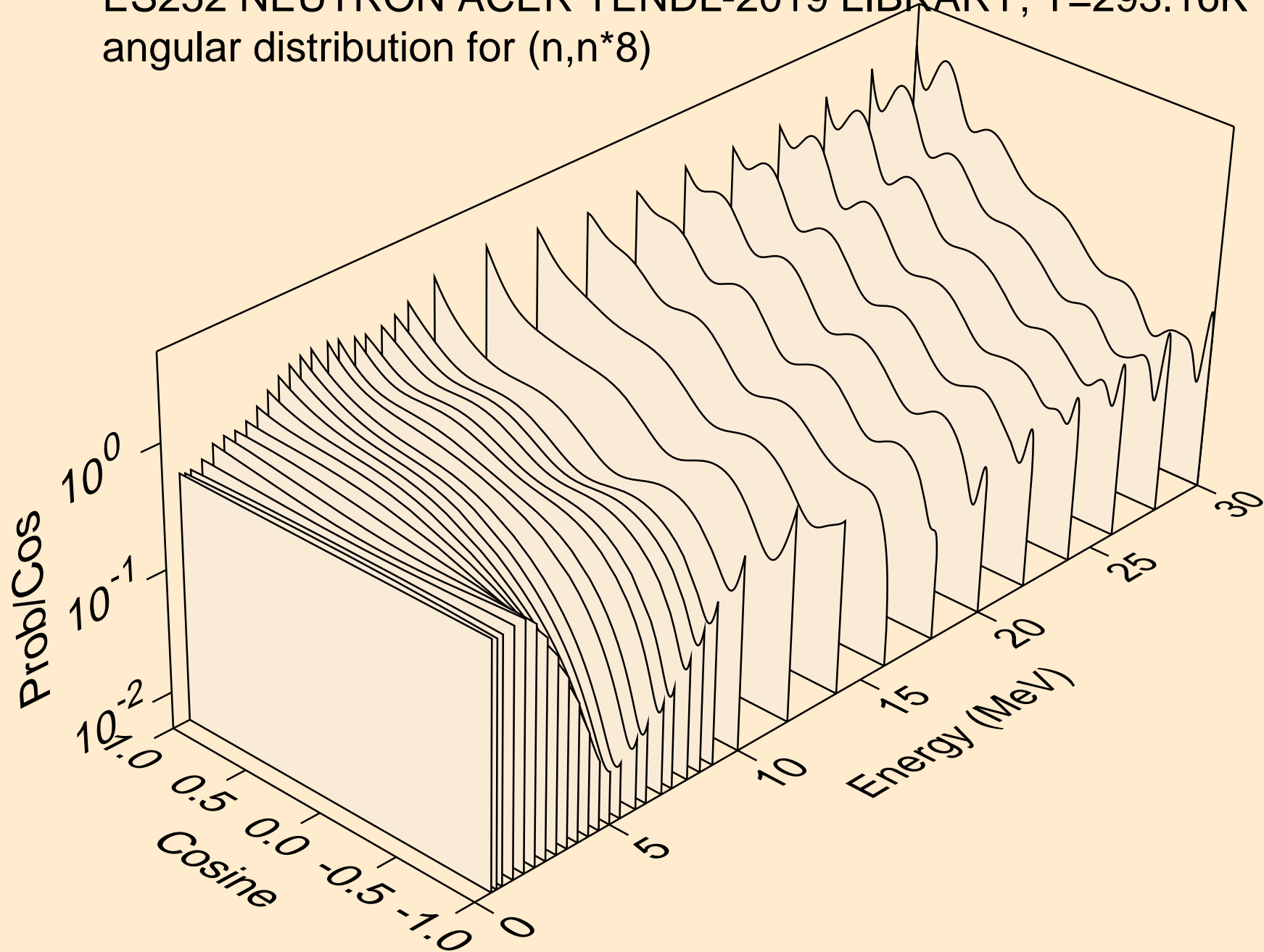
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



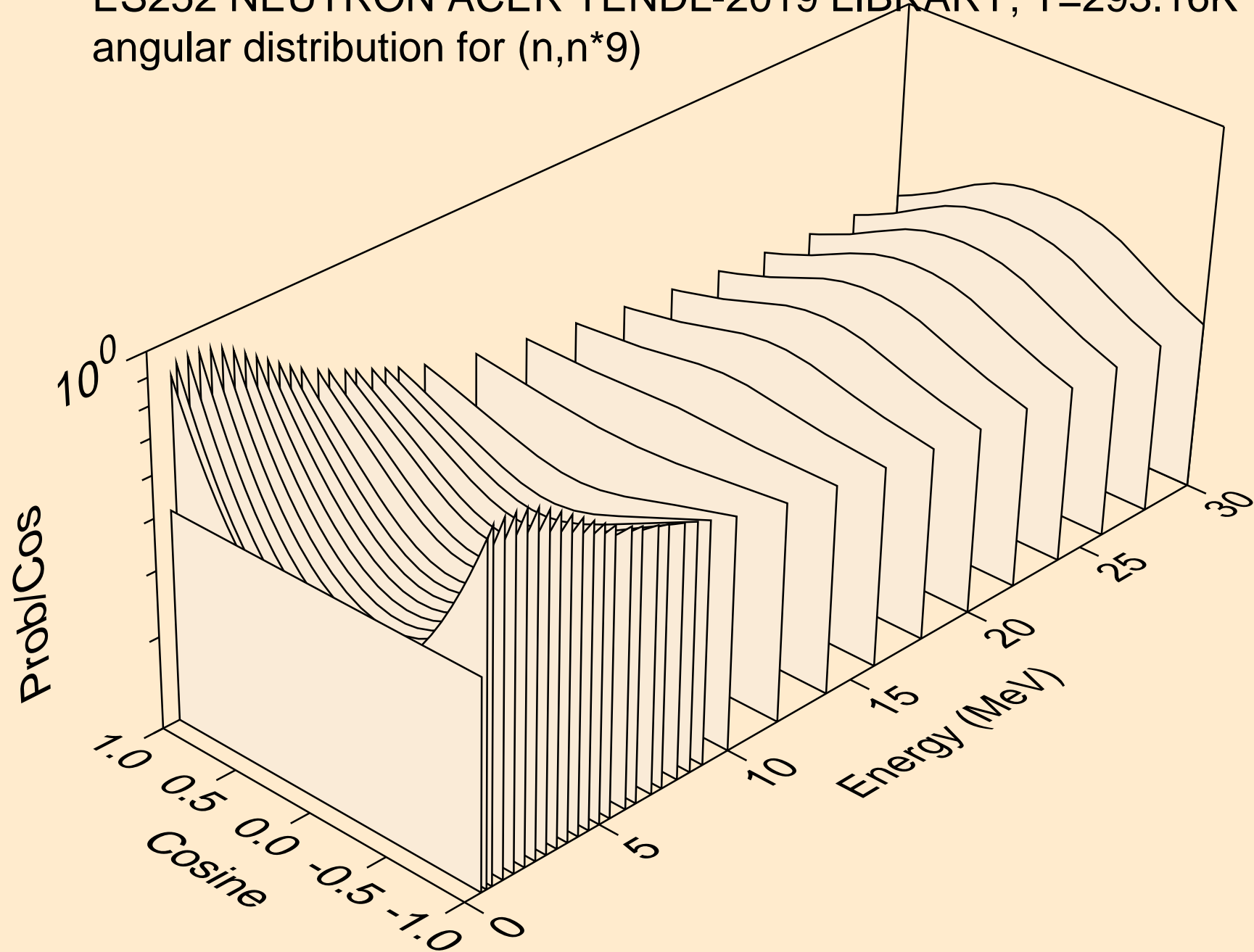
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angular distribution for (n,n*7)



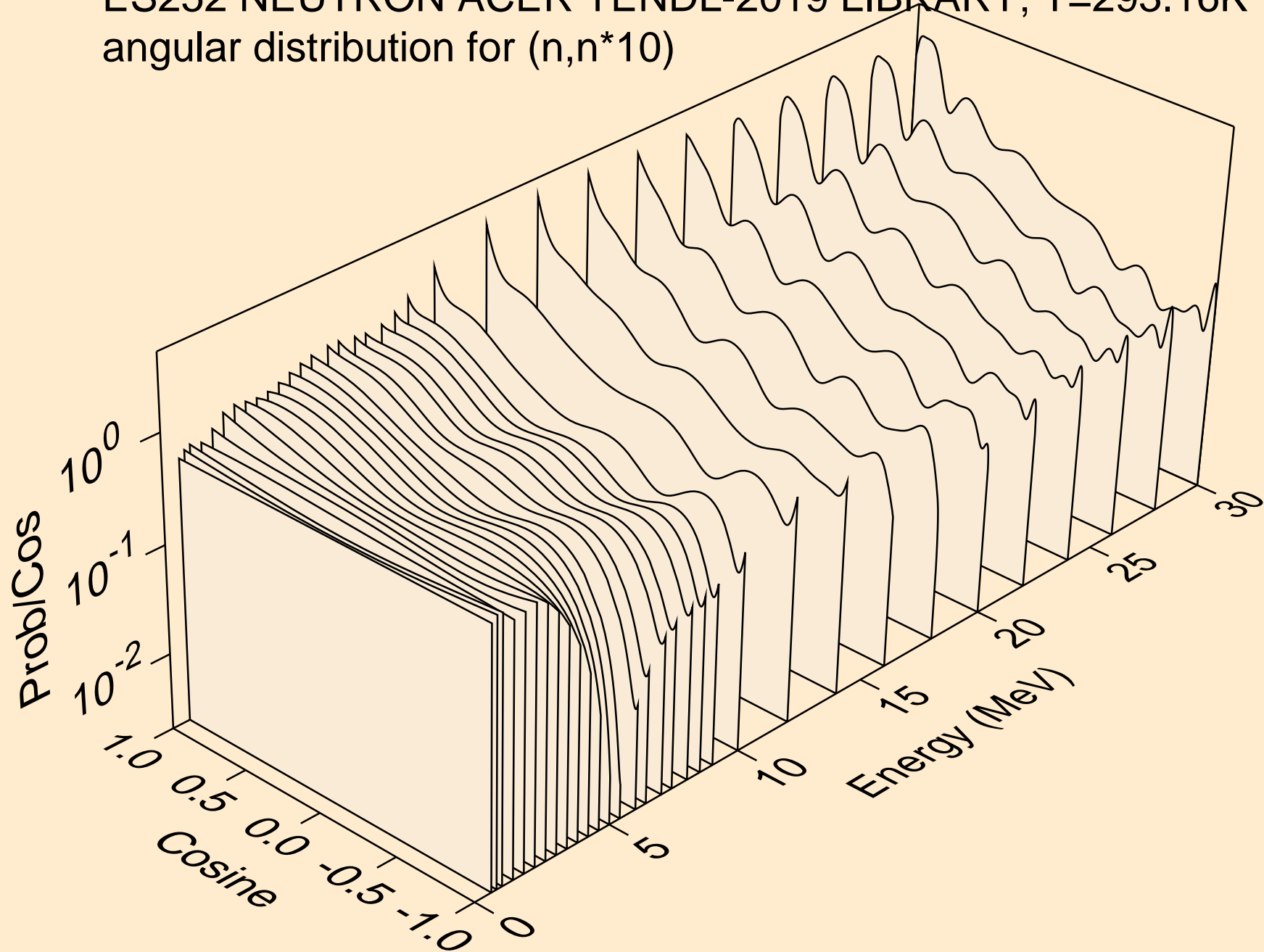
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angular distribution for (n,n*8)



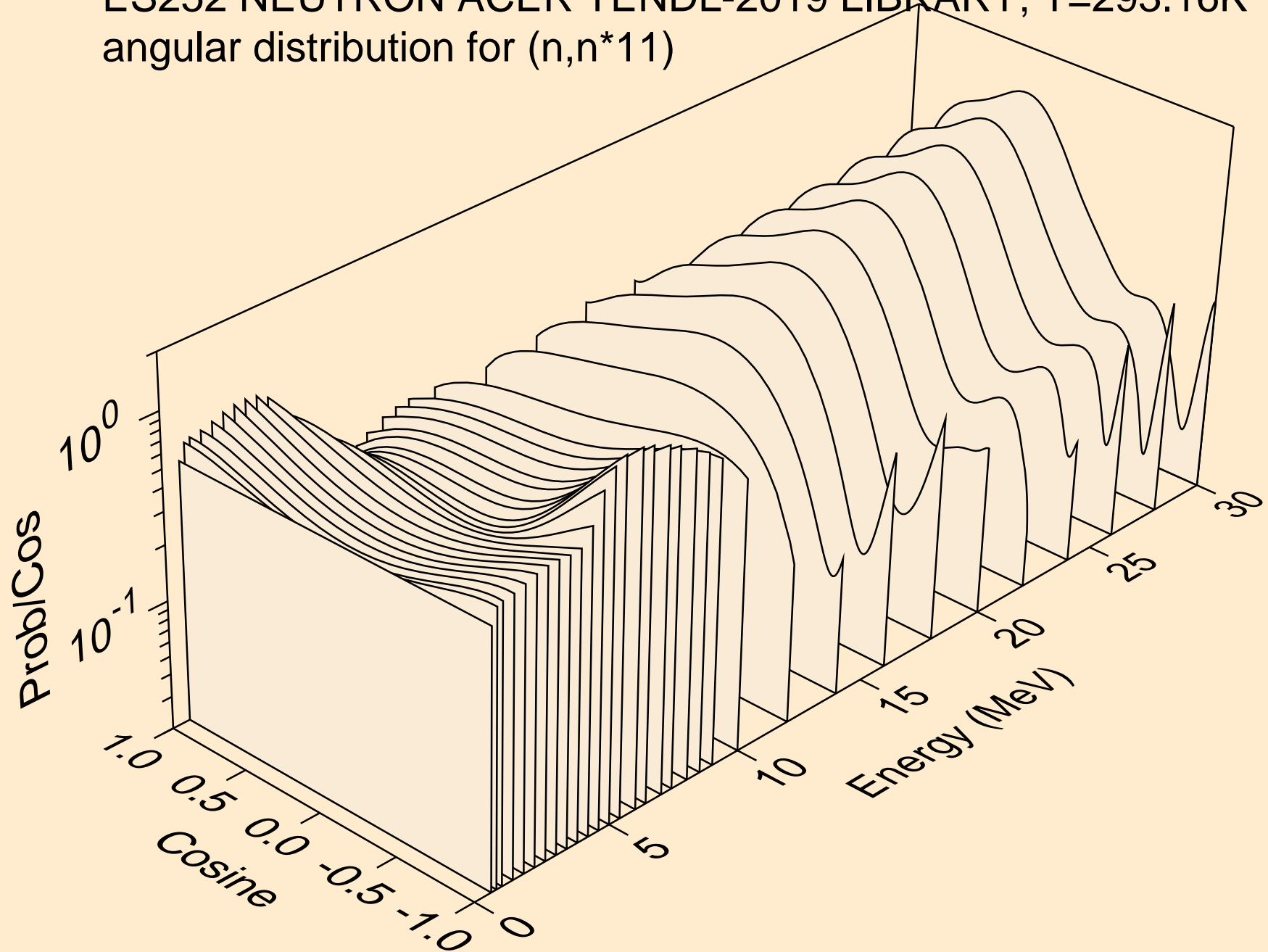
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angular distribution for (n,n*9)



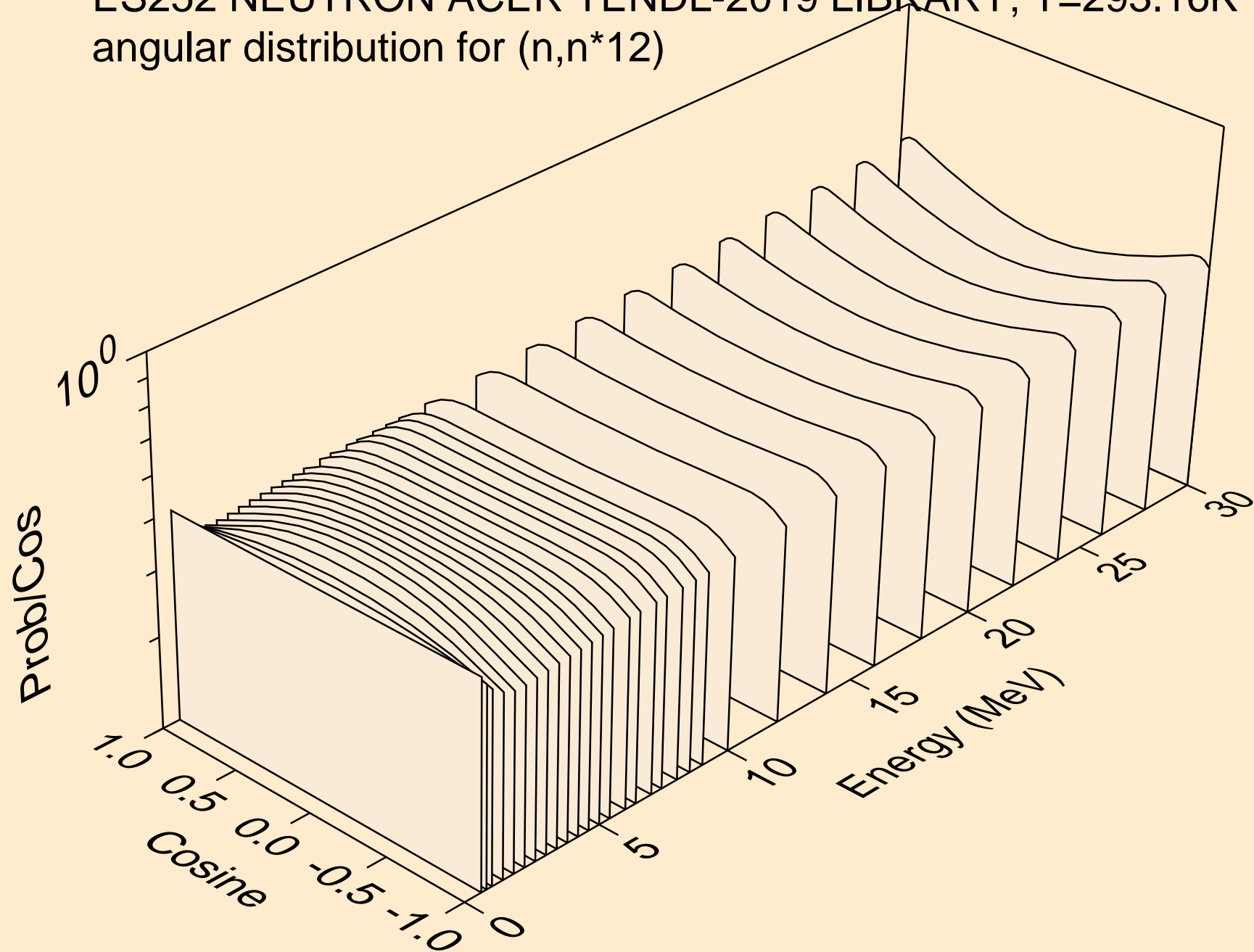
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angular distribution for (n,n*10)



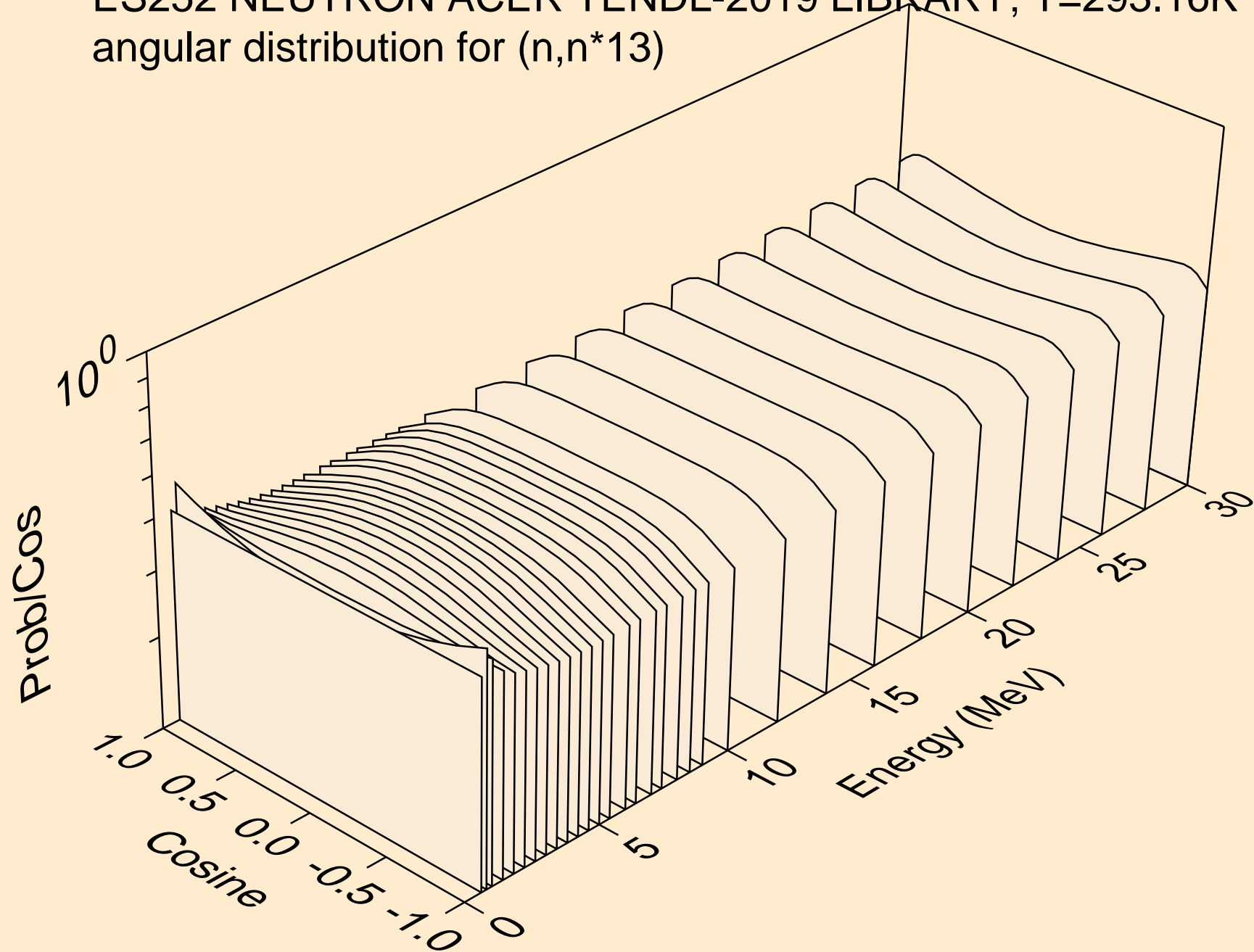
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angular distribution for (n,n*11)



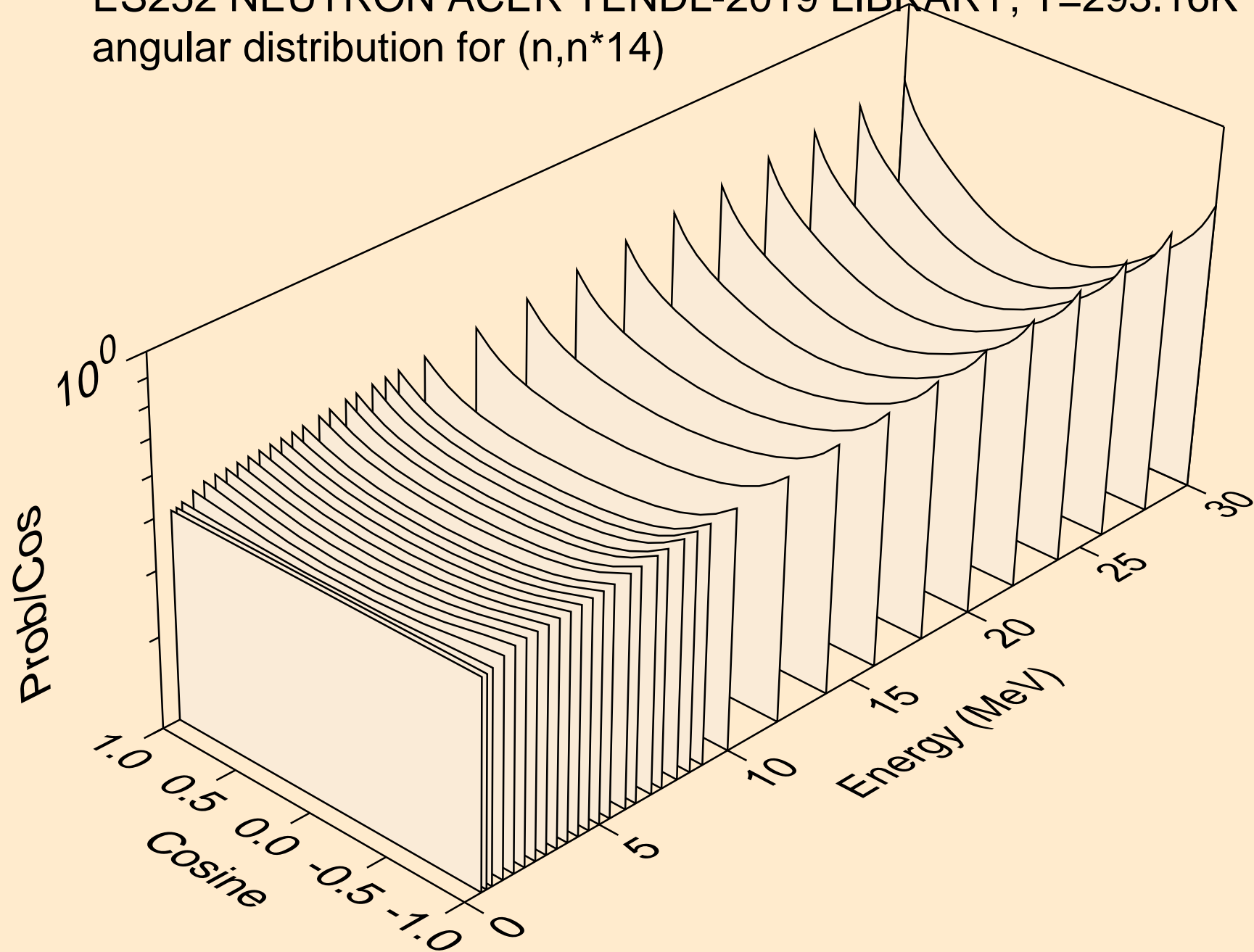
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angular distribution for (n,n*12)



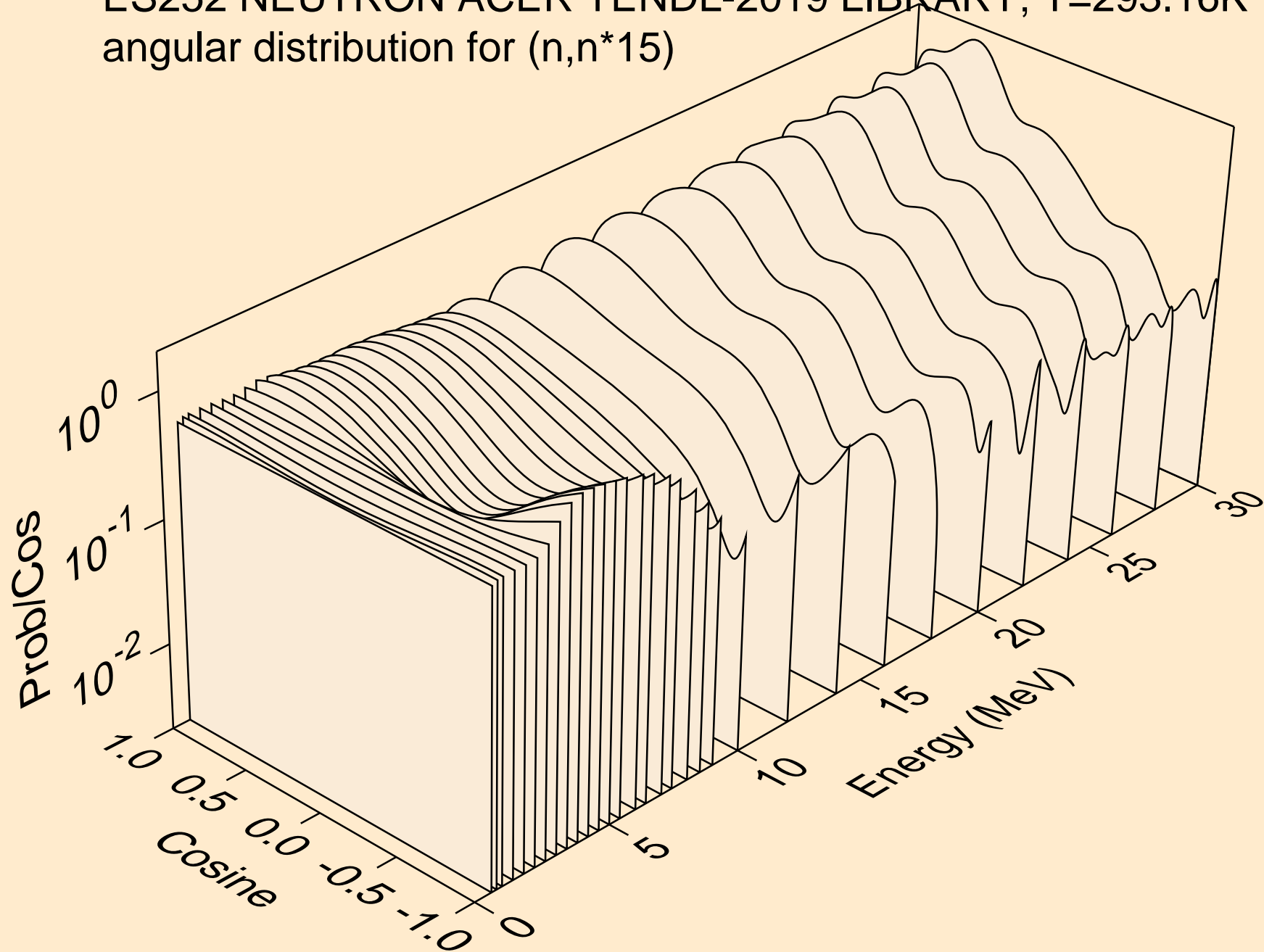
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angular distribution for (n,n*13)



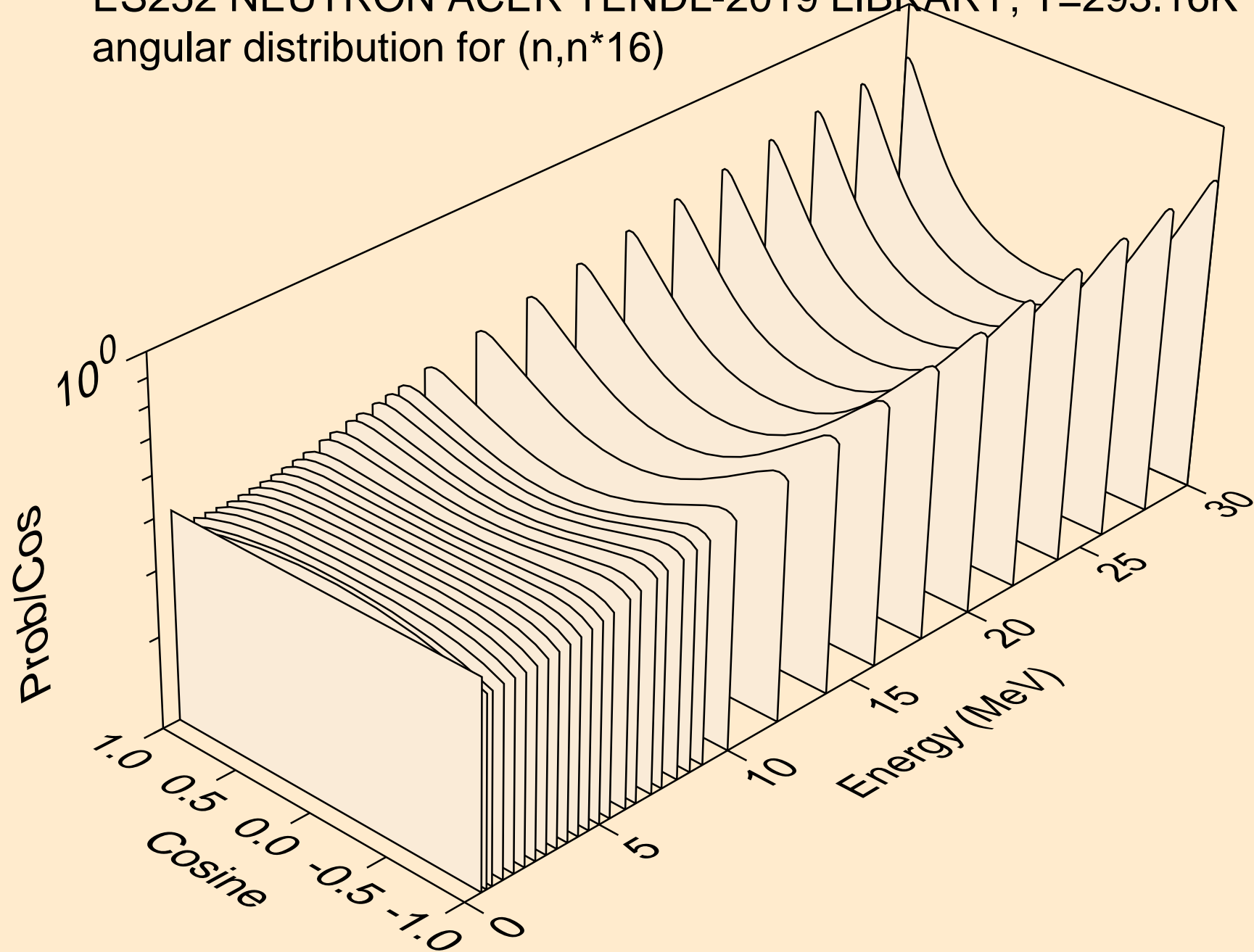
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angular distribution for (n,n*14)



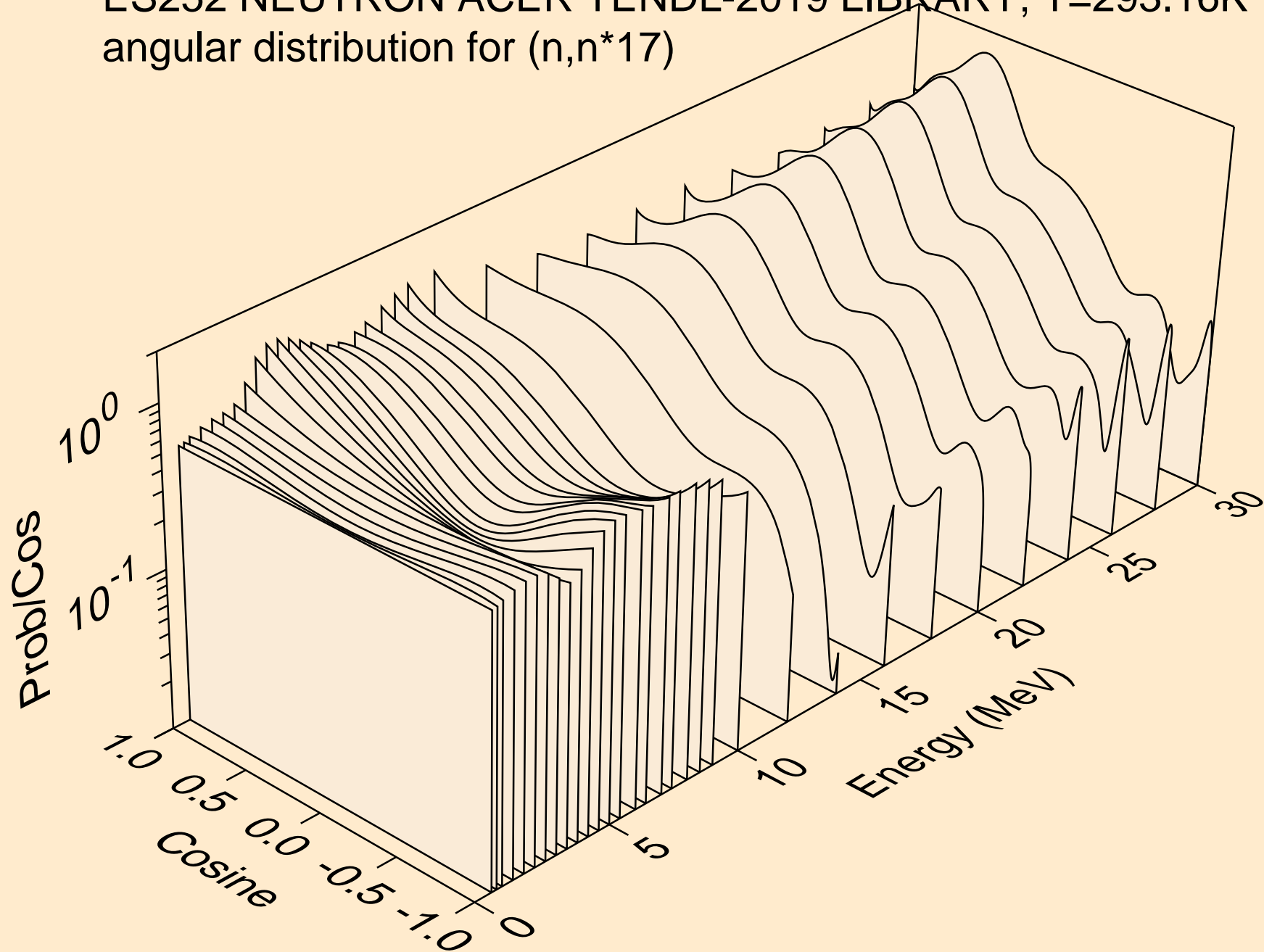
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angular distribution for (n,n*15)



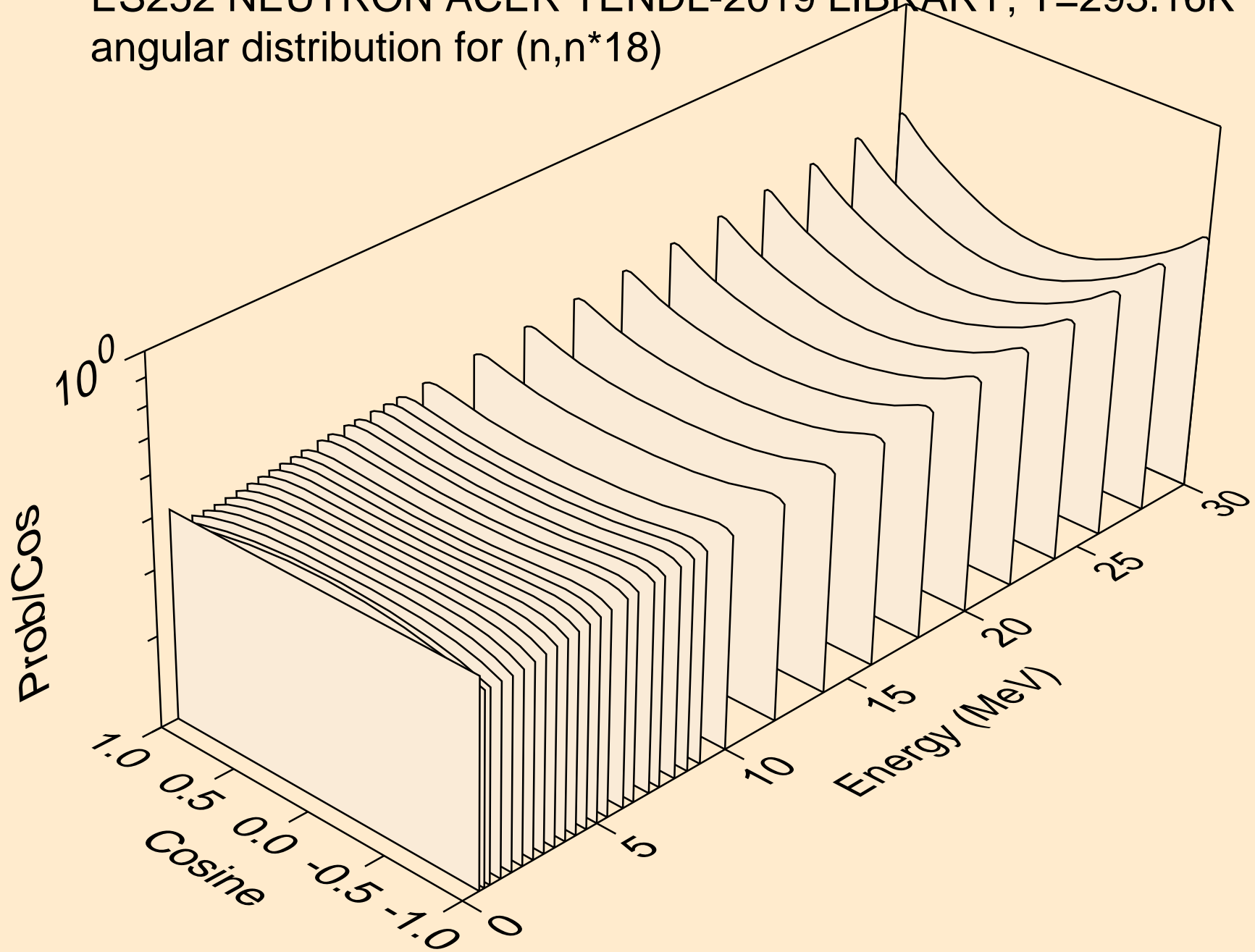
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angular distribution for (n,n*16)



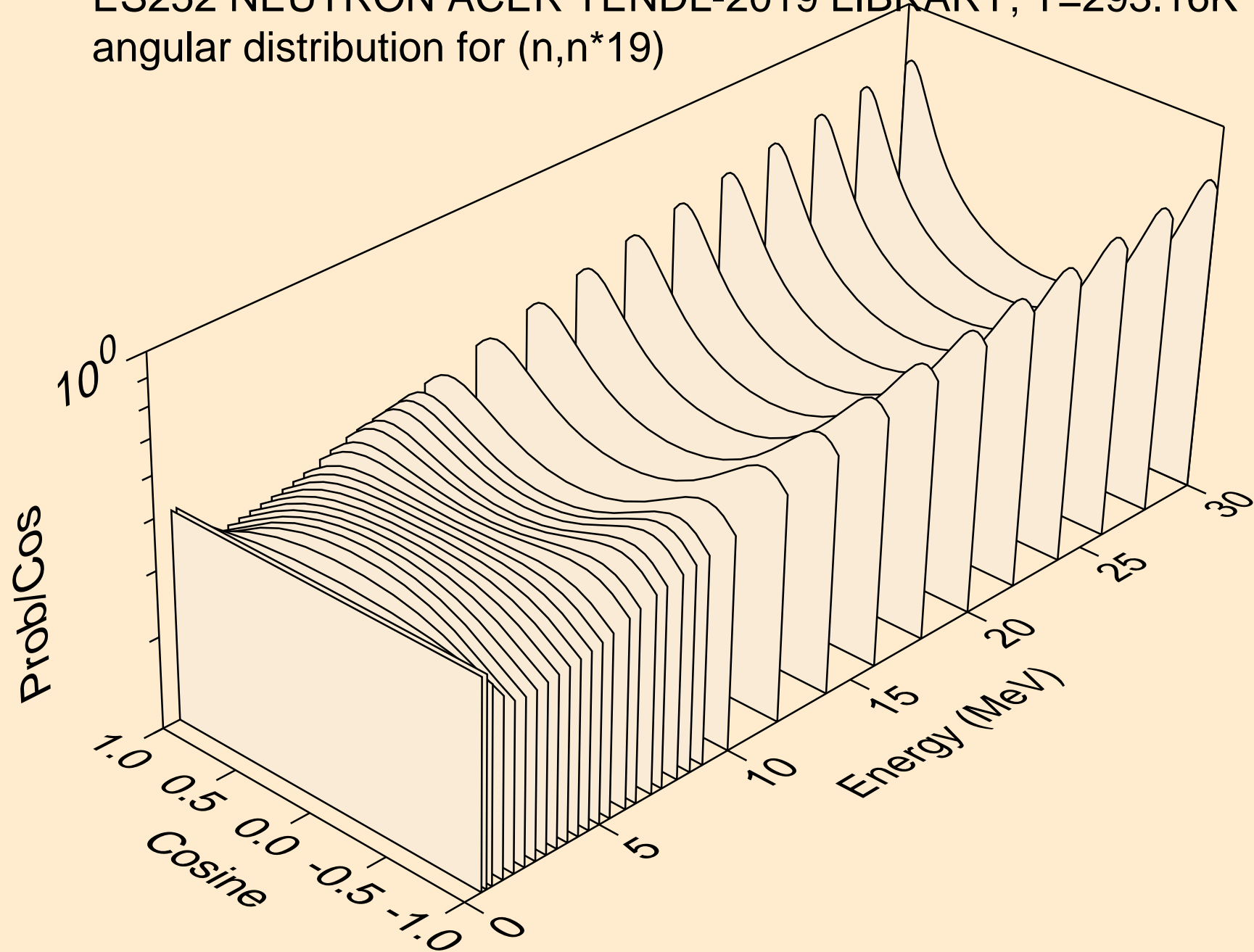
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angular distribution for (n,n*17)



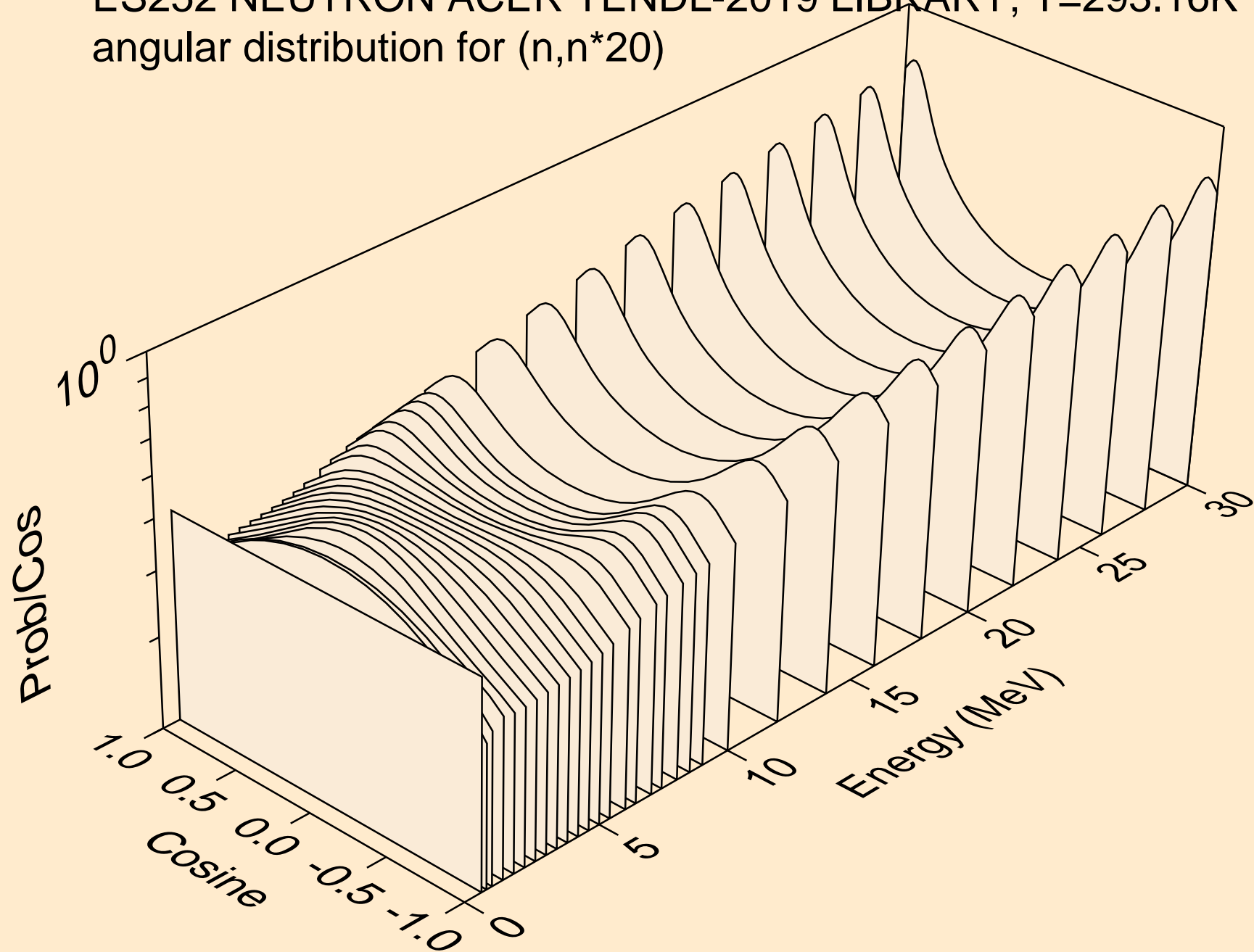
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angular distribution for (n,n*18)



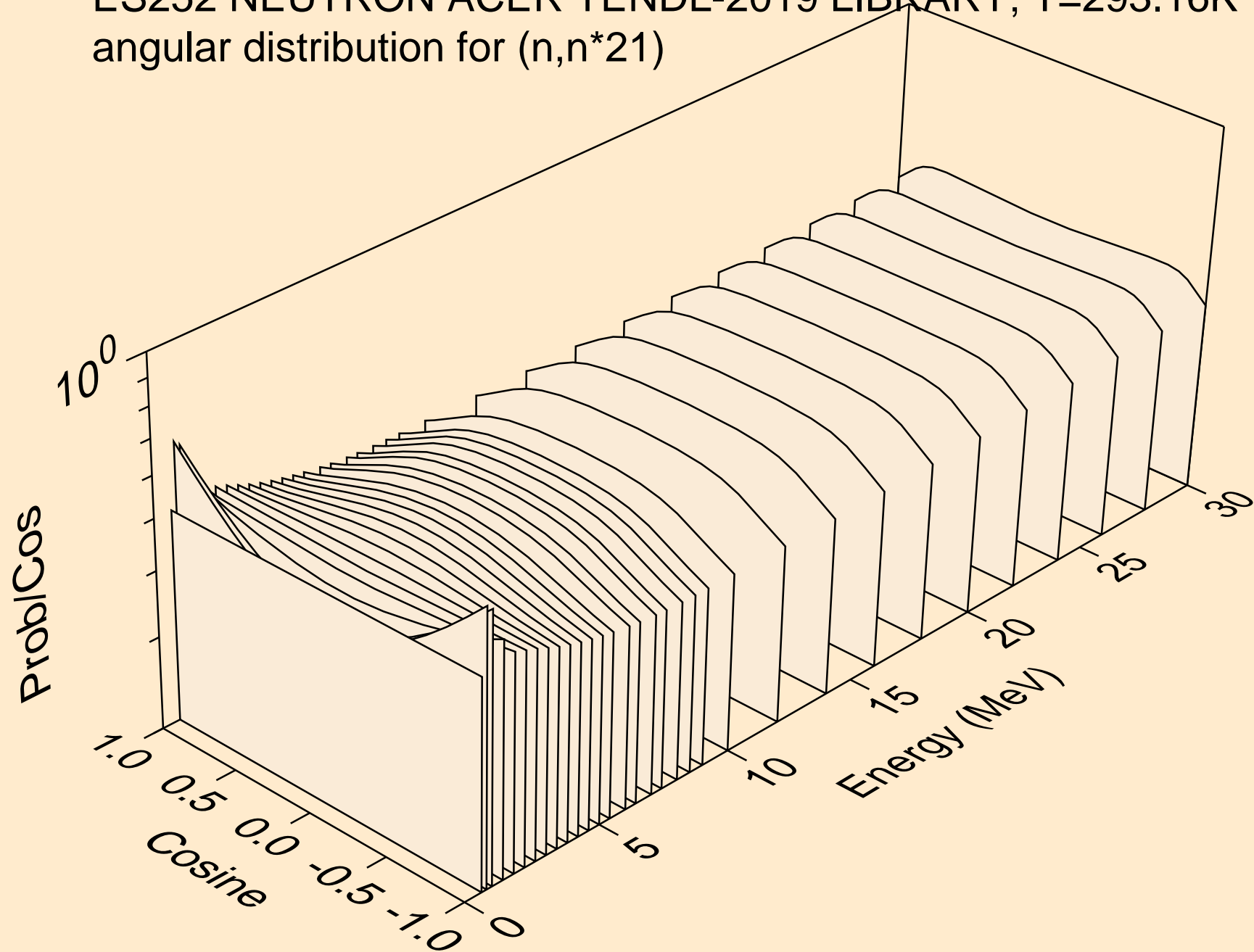
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angular distribution for (n,n*19)



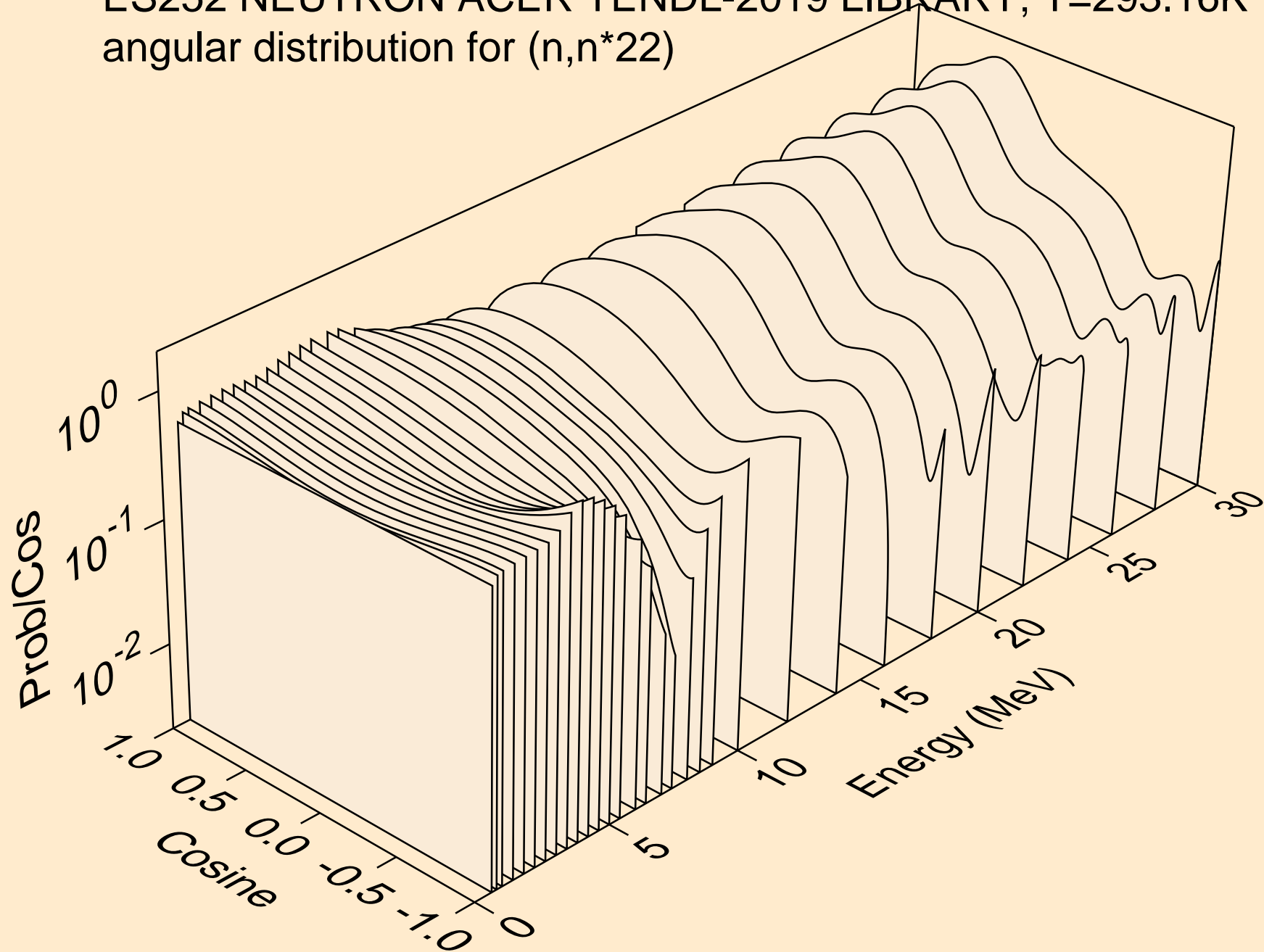
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angular distribution for (n,n*20)



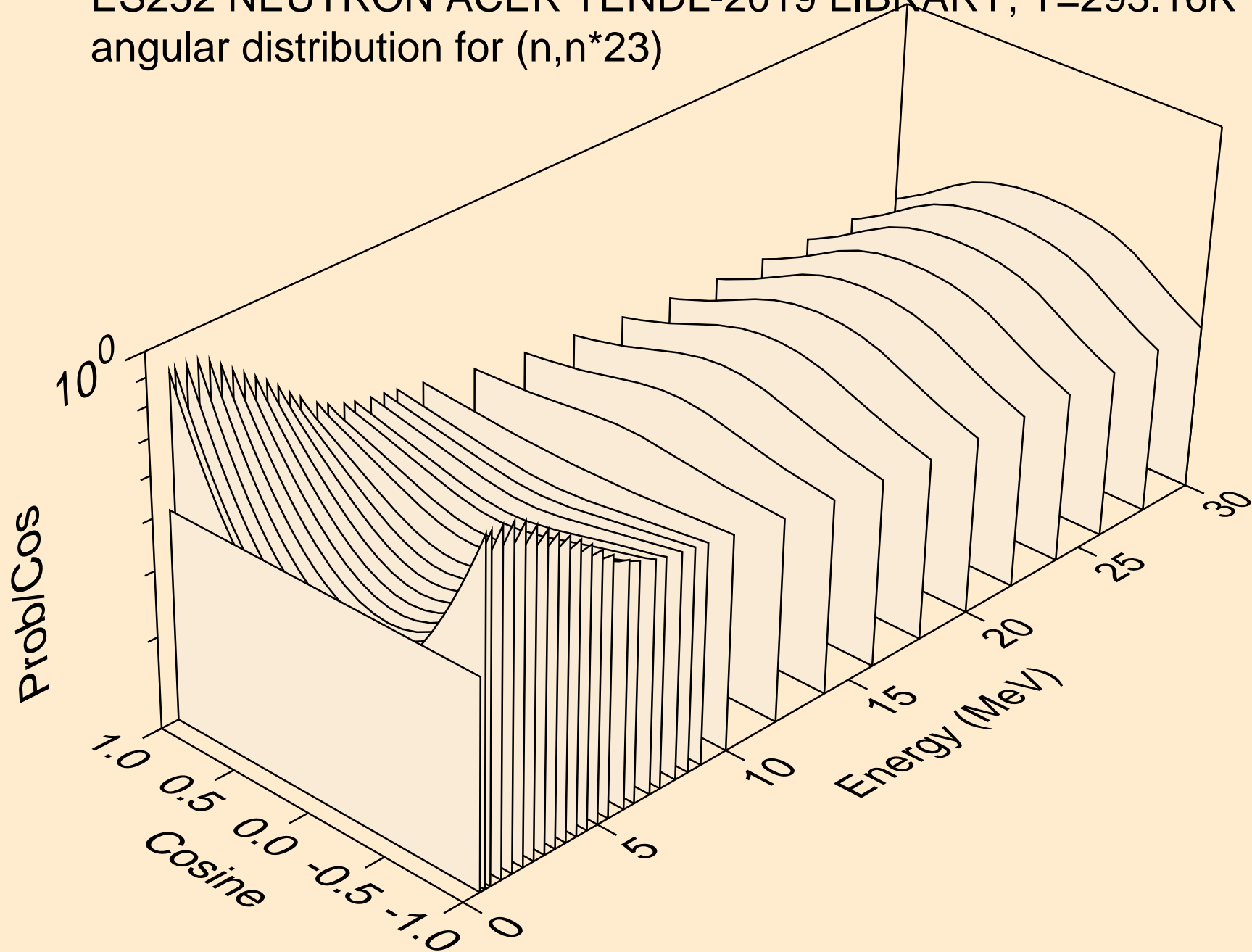
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angular distribution for (n,n*21)



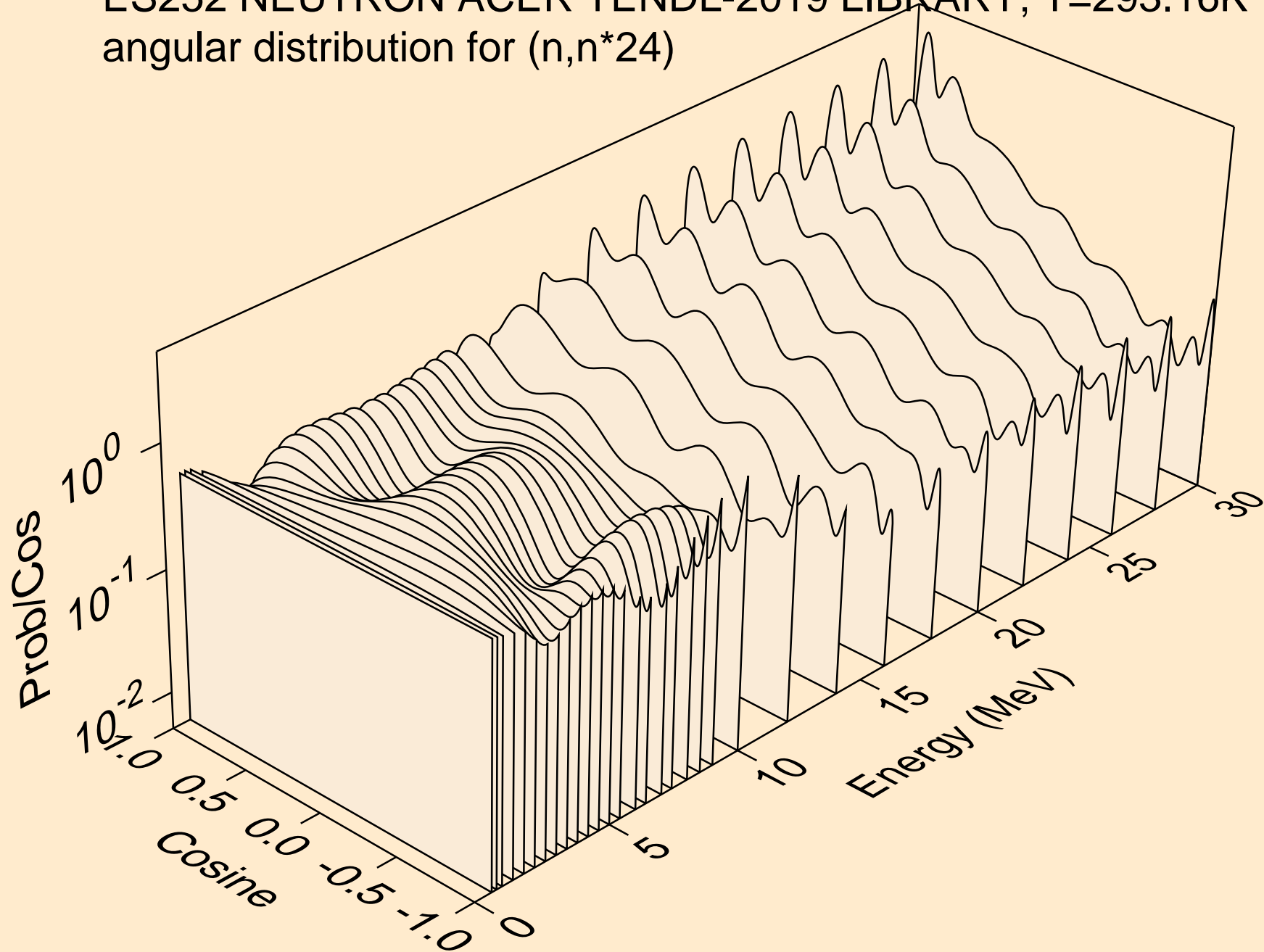
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angular distribution for (n,n*22)



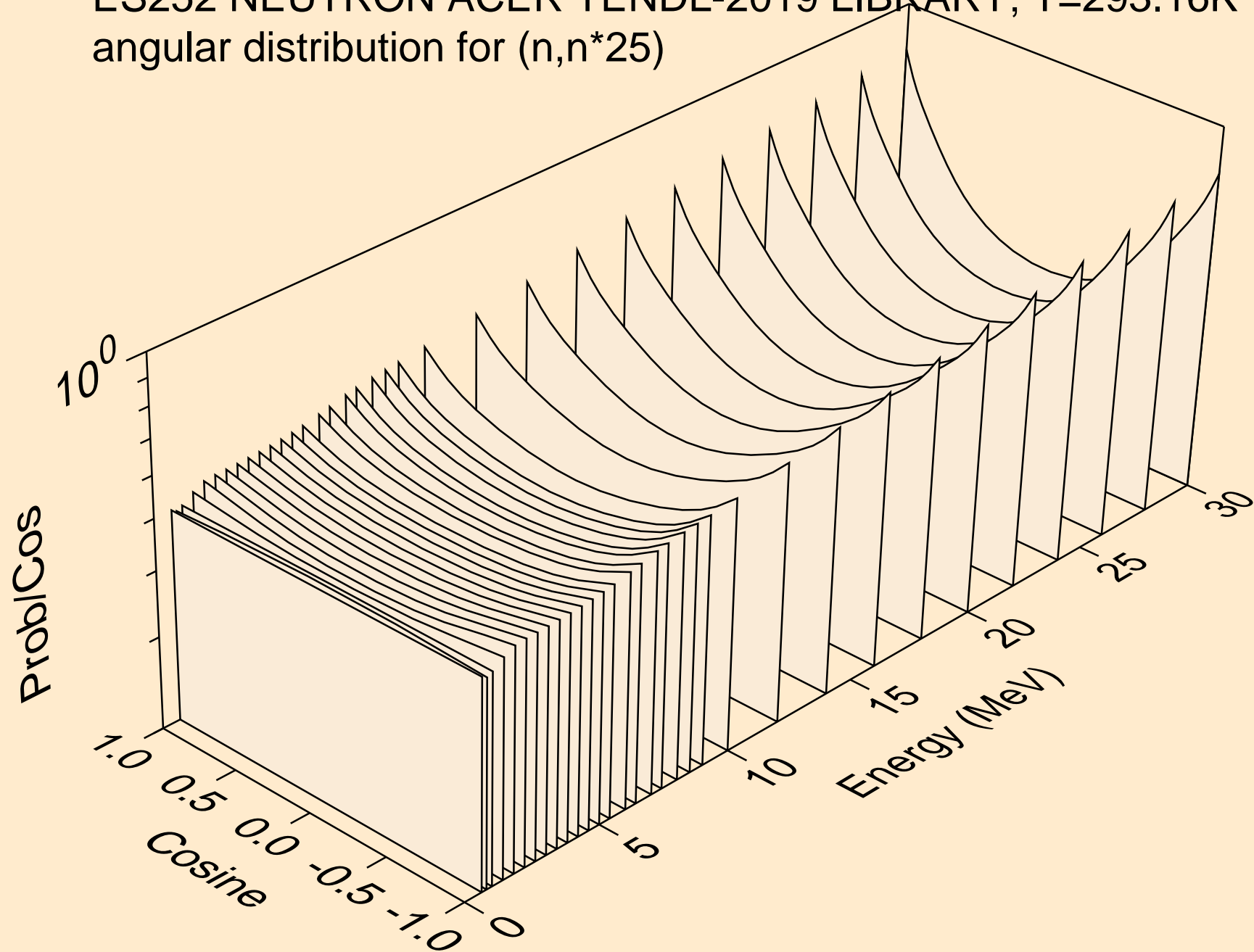
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angular distribution for (n,n*23)



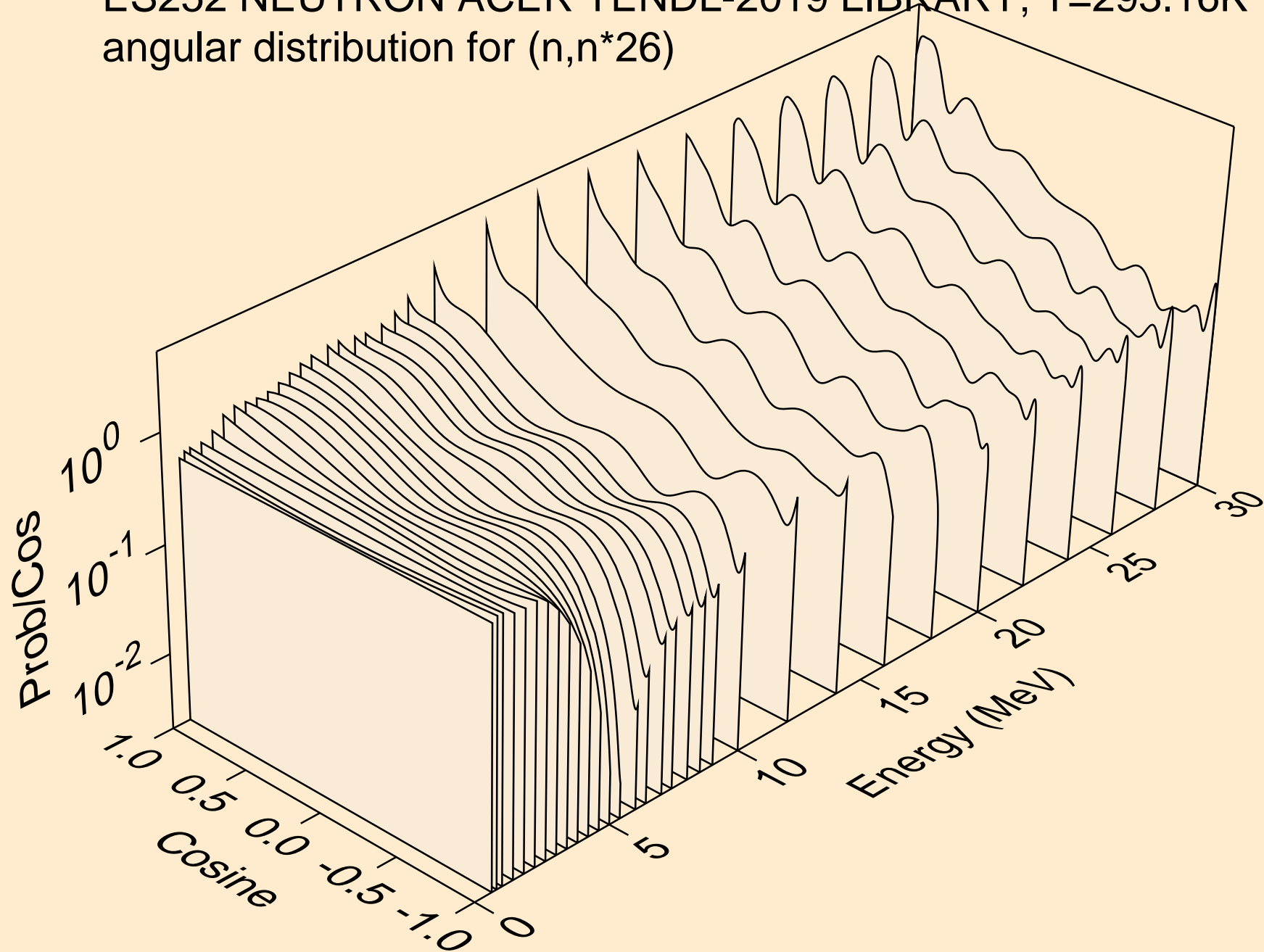
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angular distribution for (n,n*24)



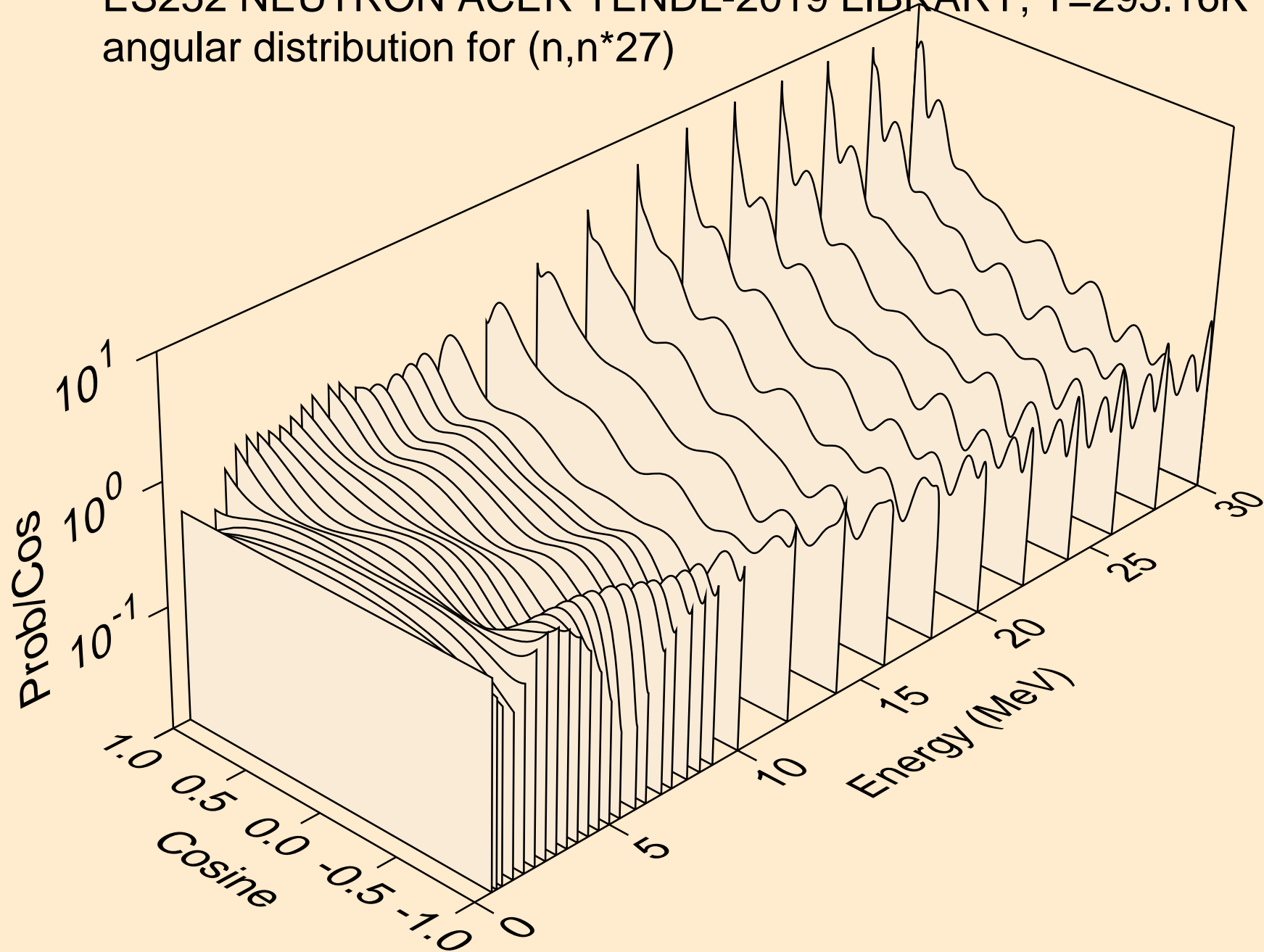
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*25)



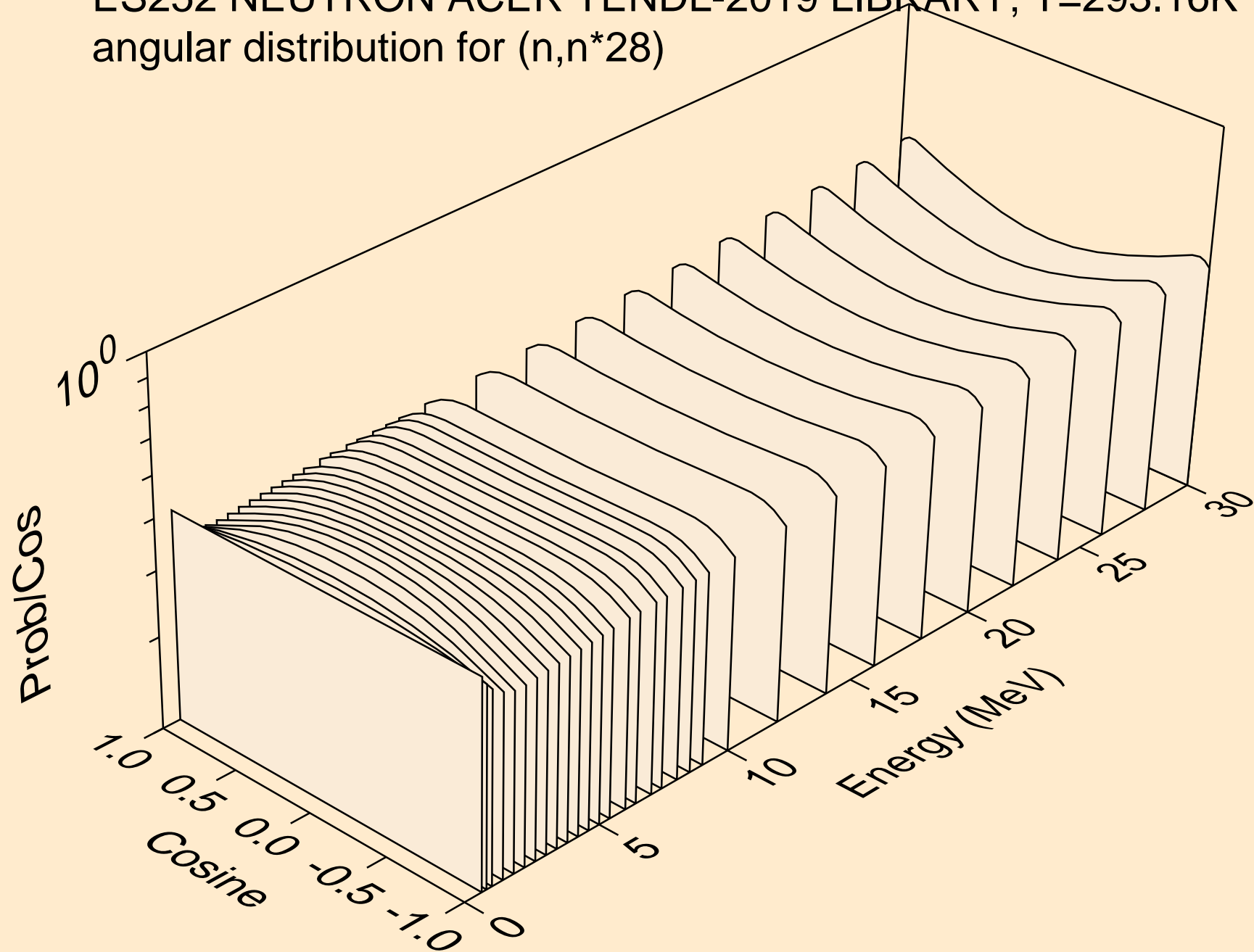
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angular distribution for (n,n*26)



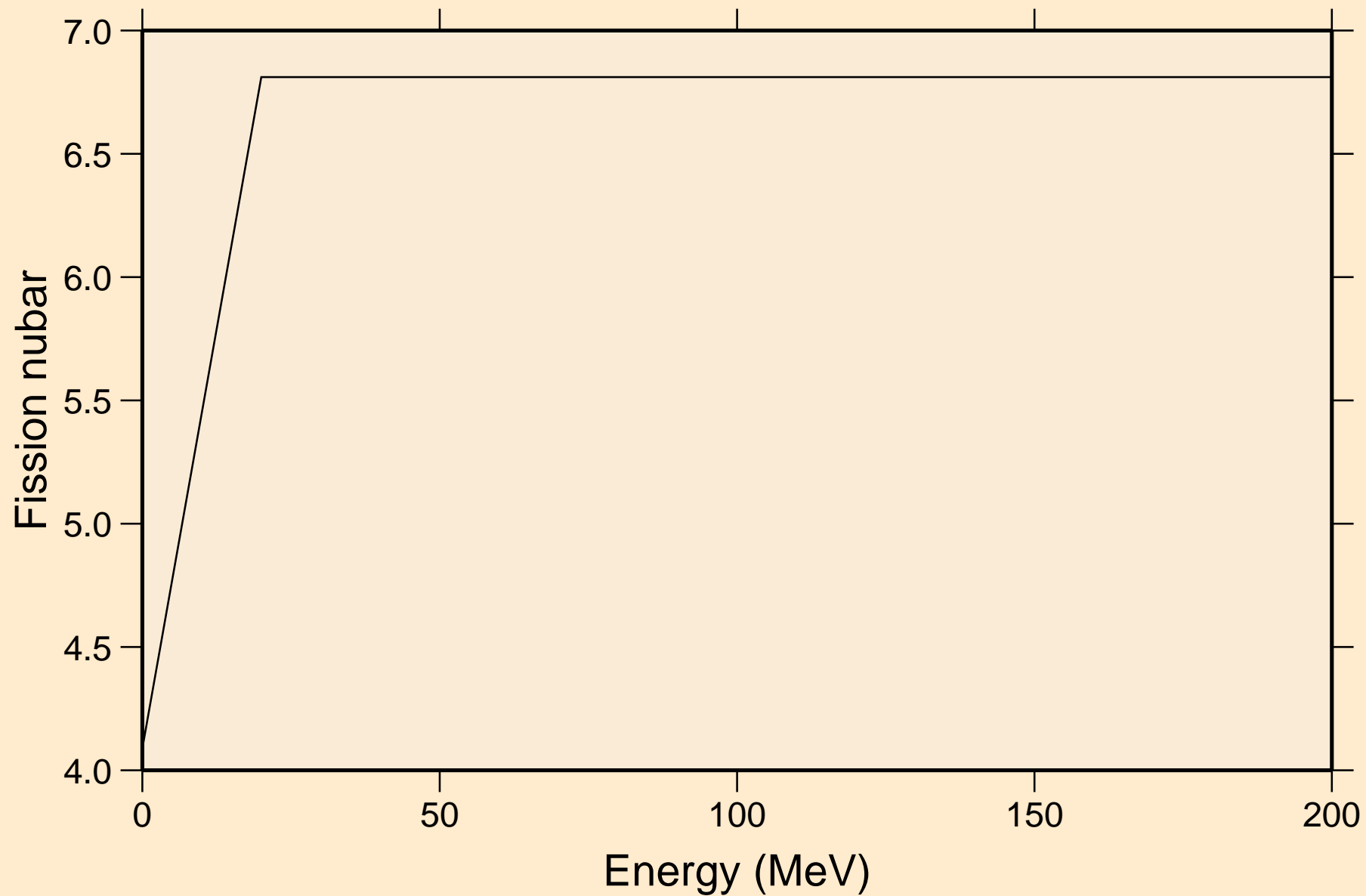
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angular distribution for (n,n*27)



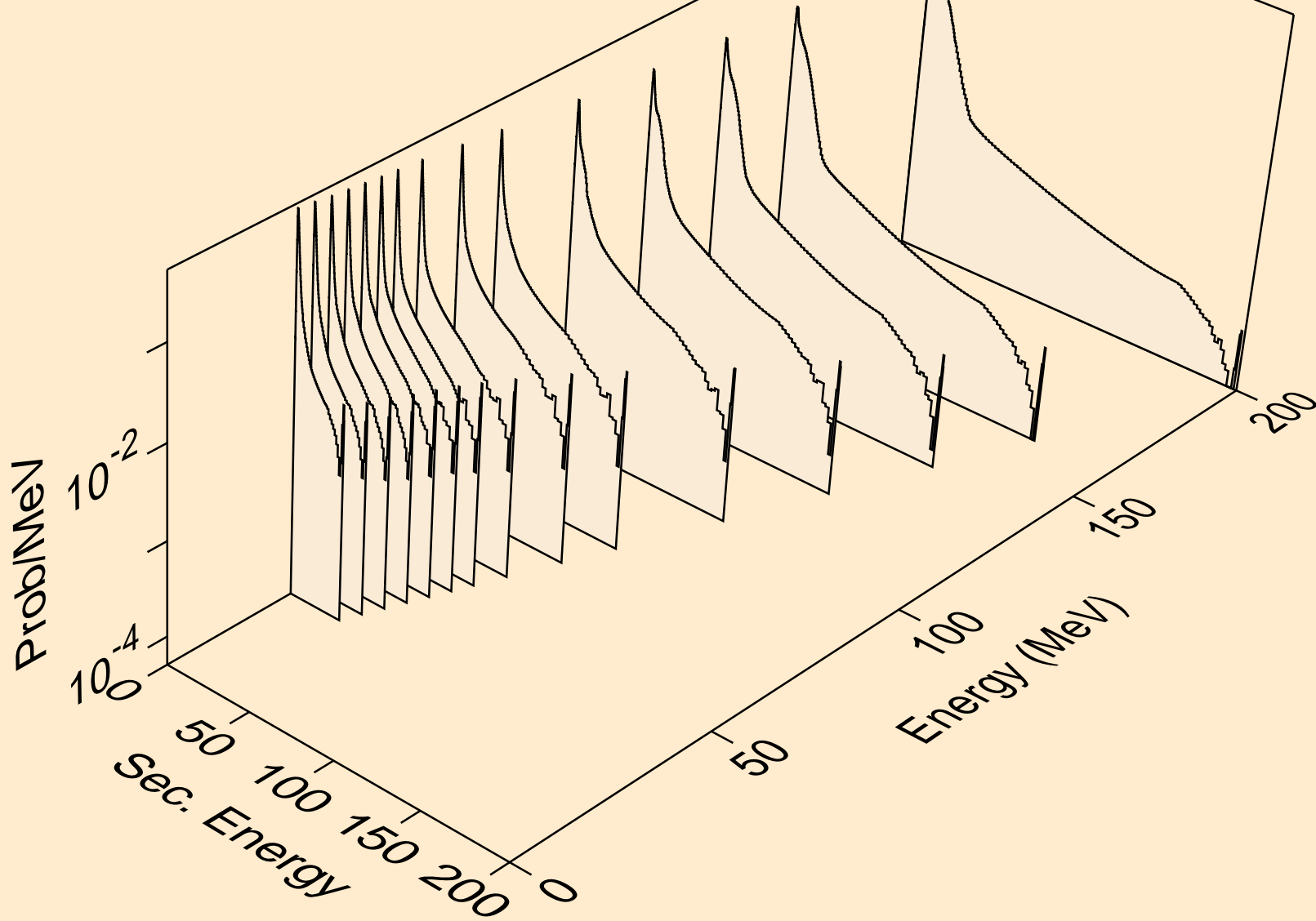
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angular distribution for (n,n*28)



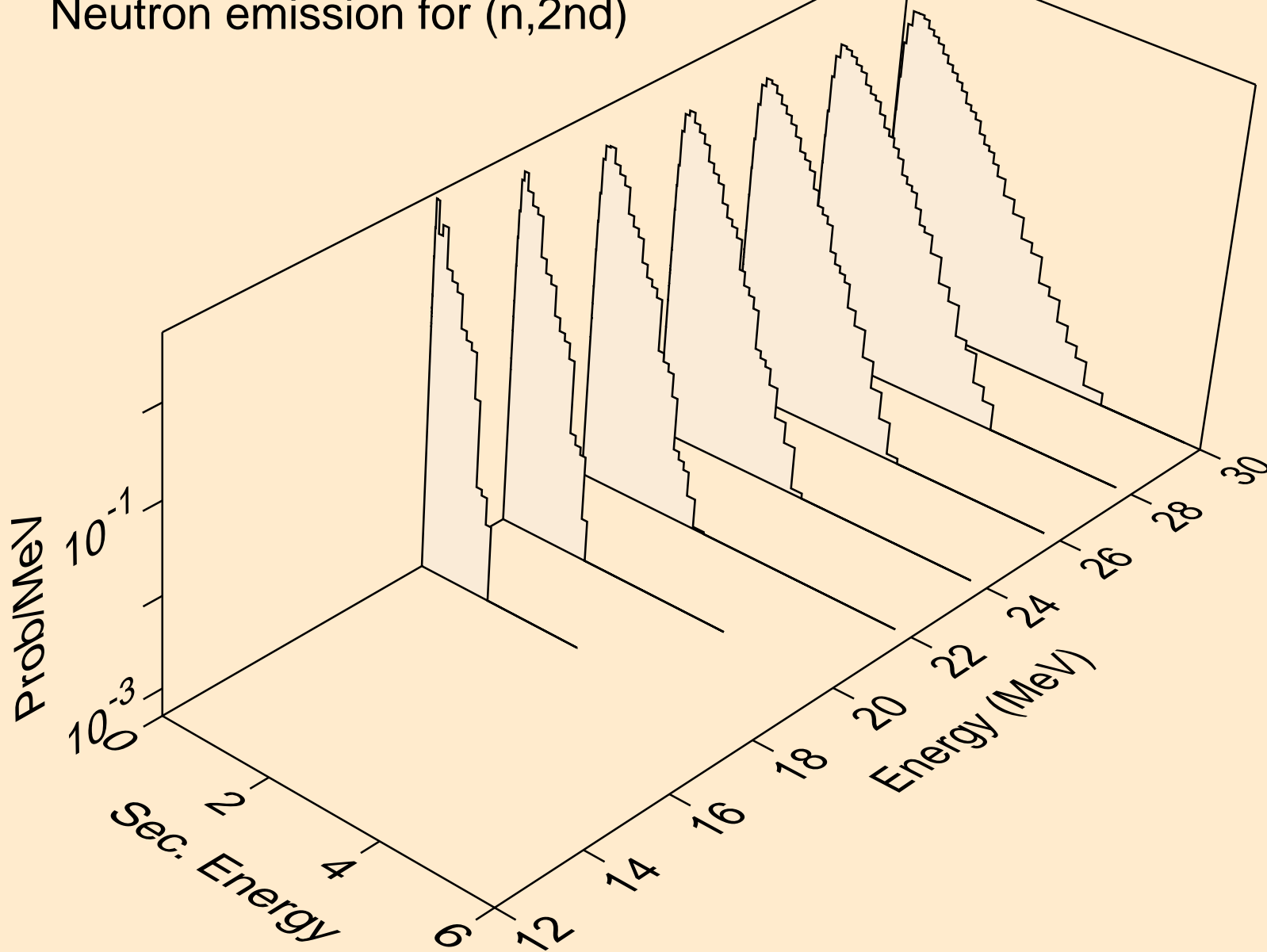
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Total fission nubar



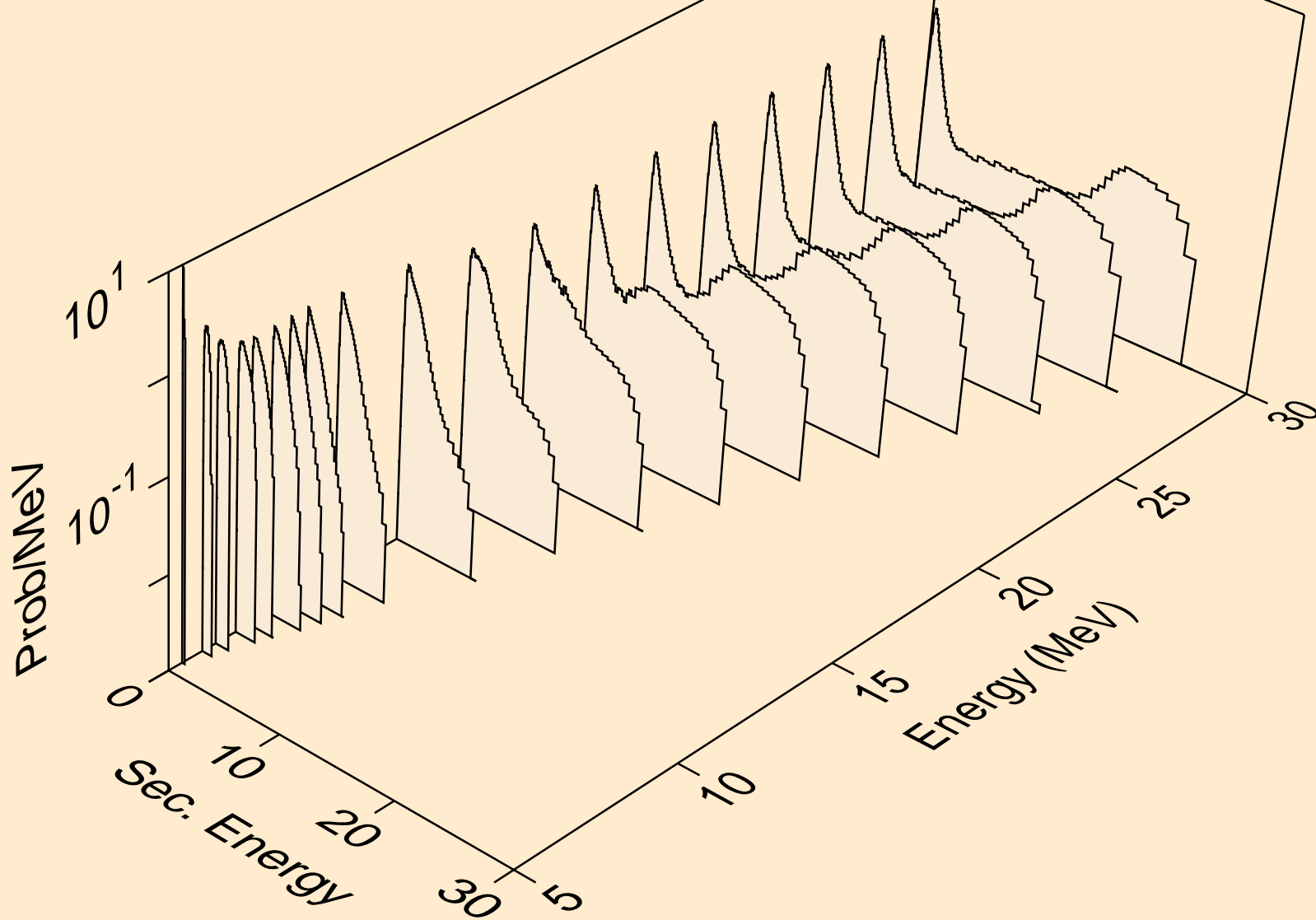
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



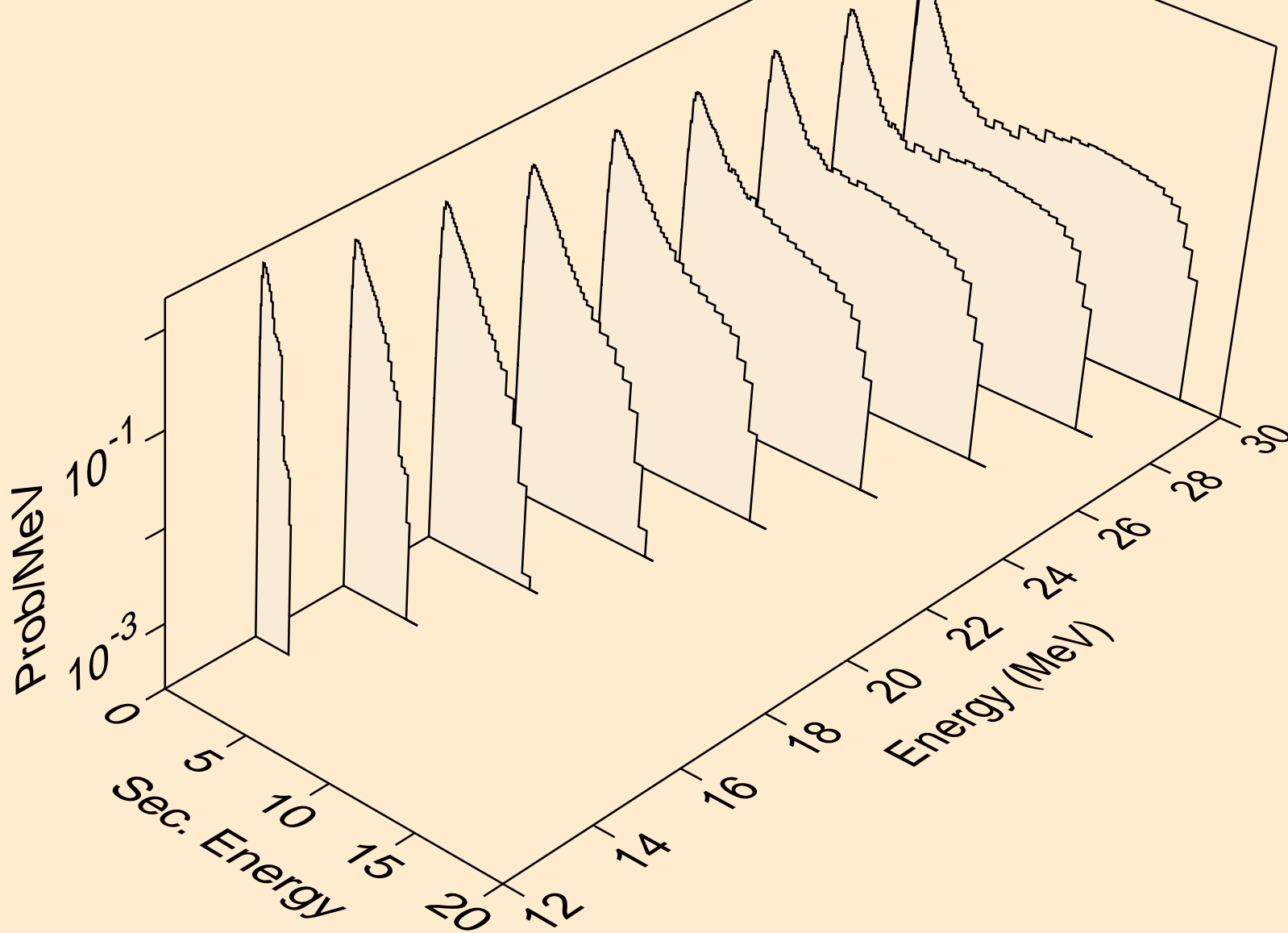
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



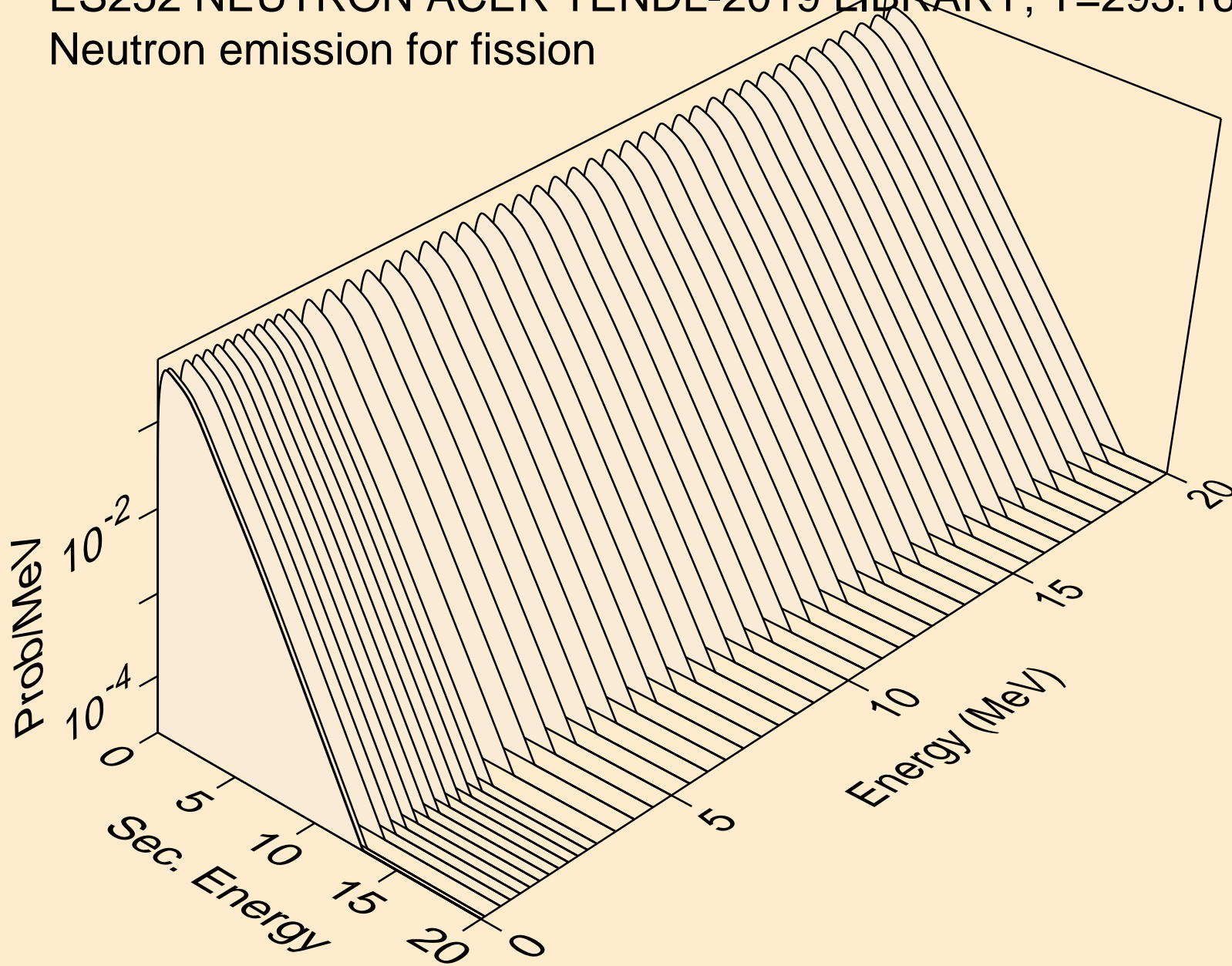
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



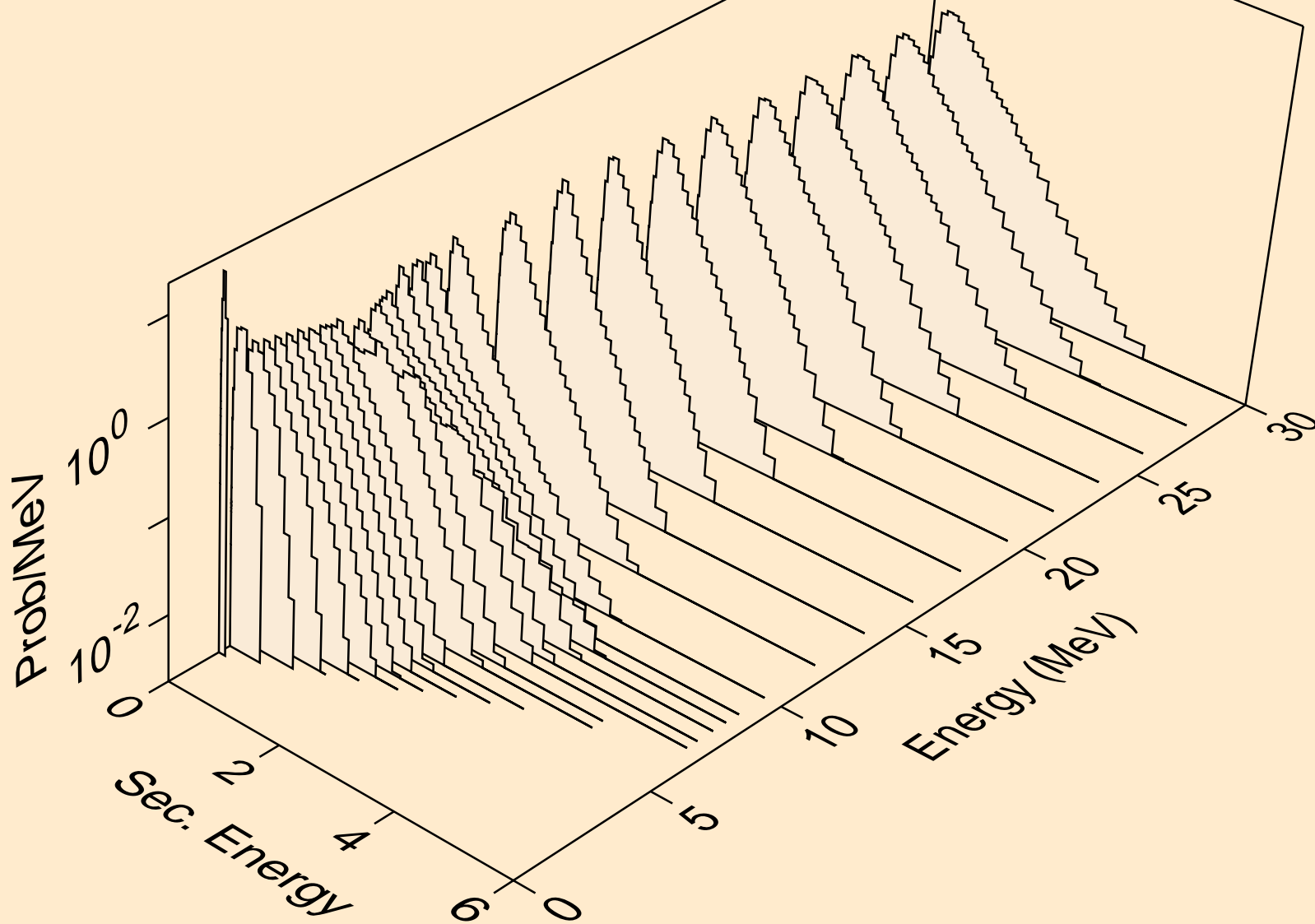
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



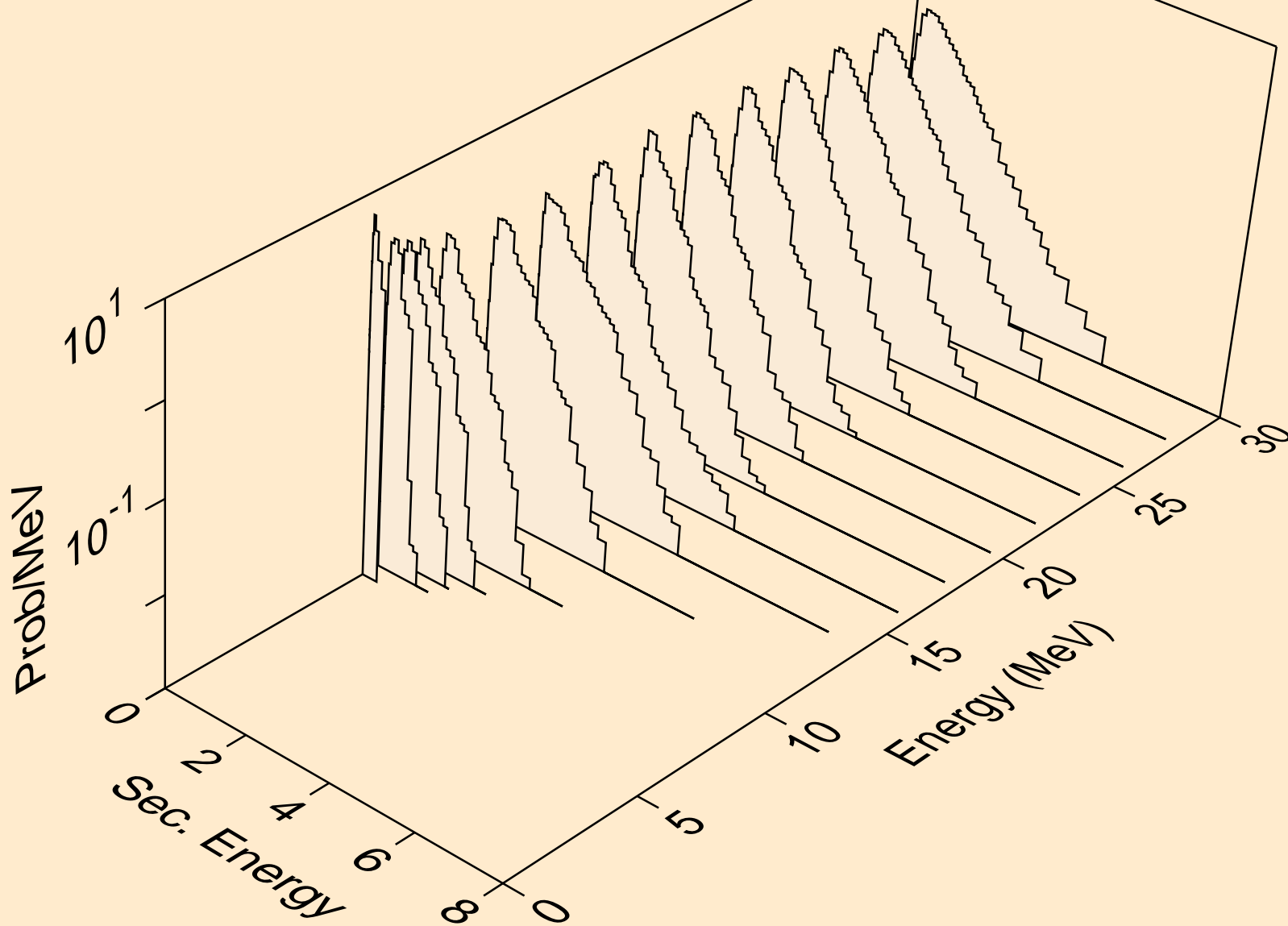
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for fission



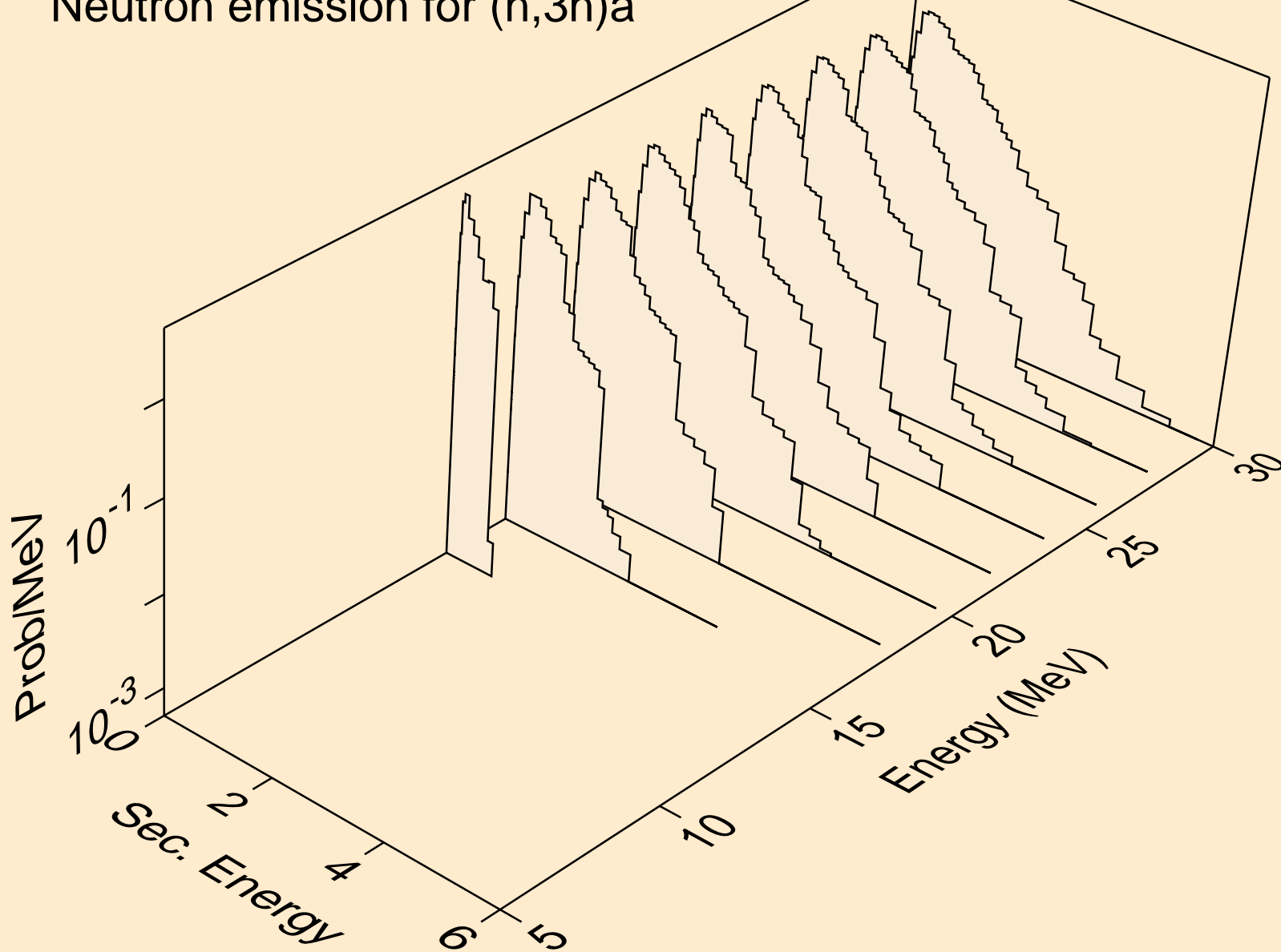
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



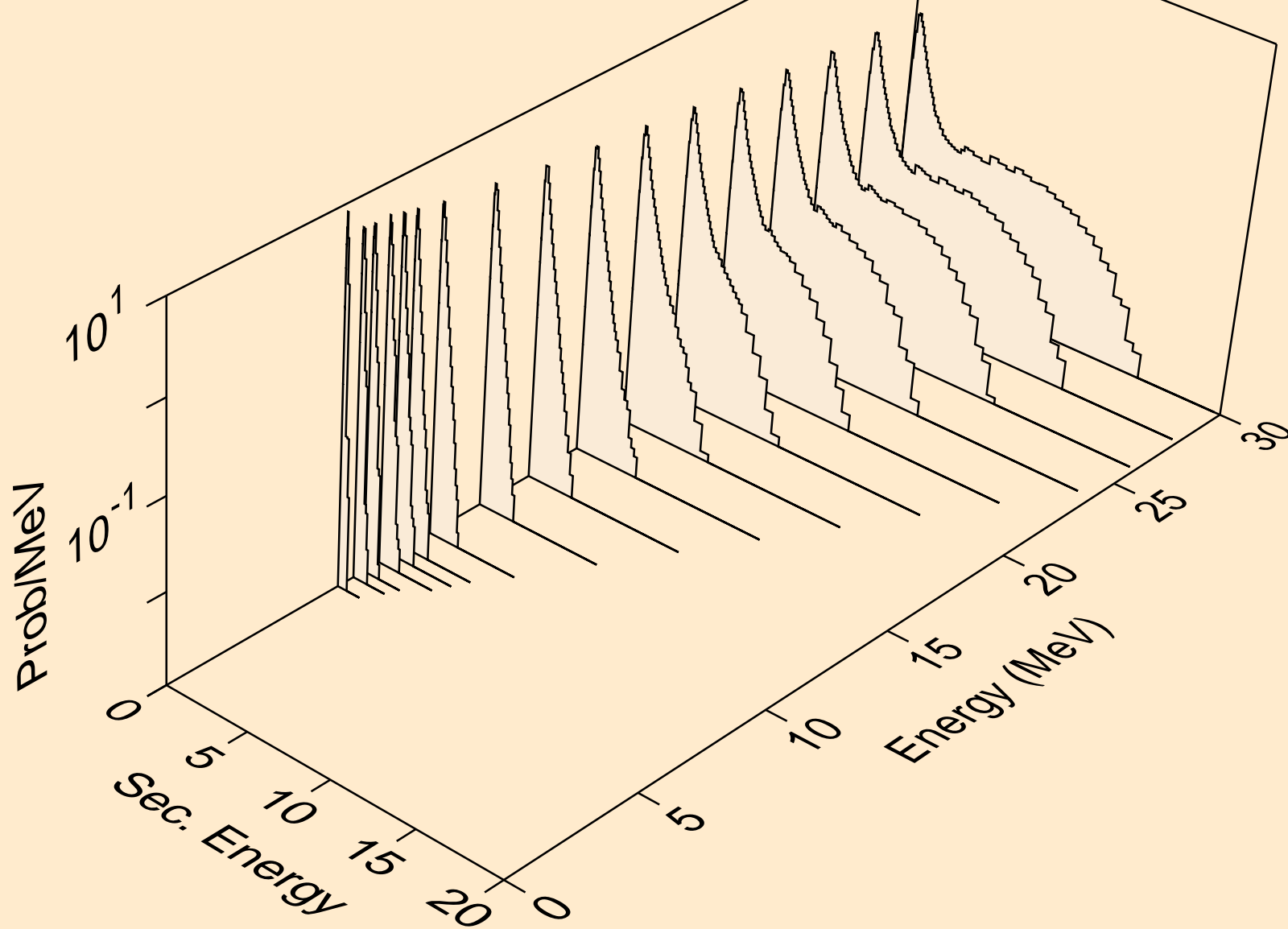
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



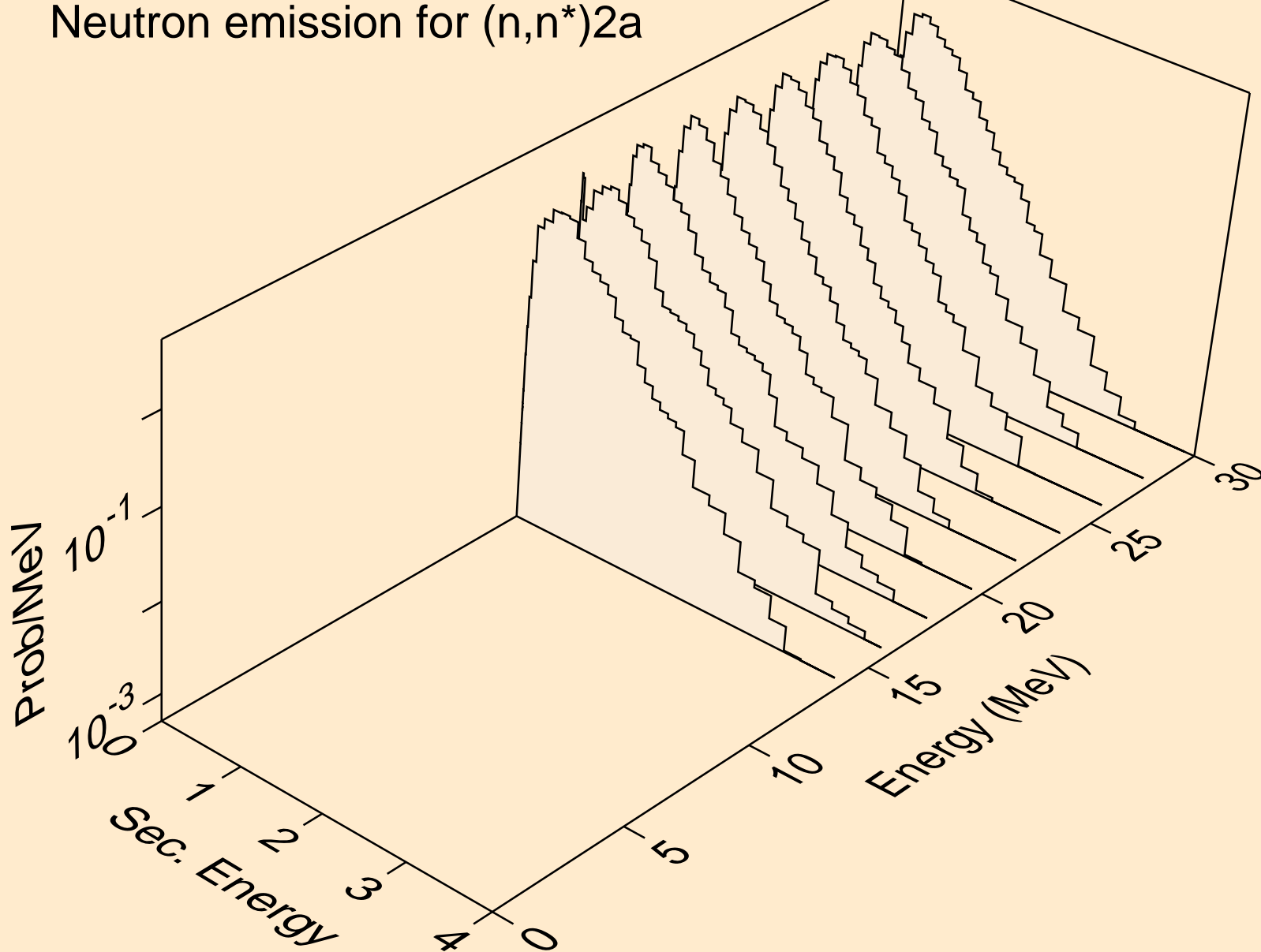
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



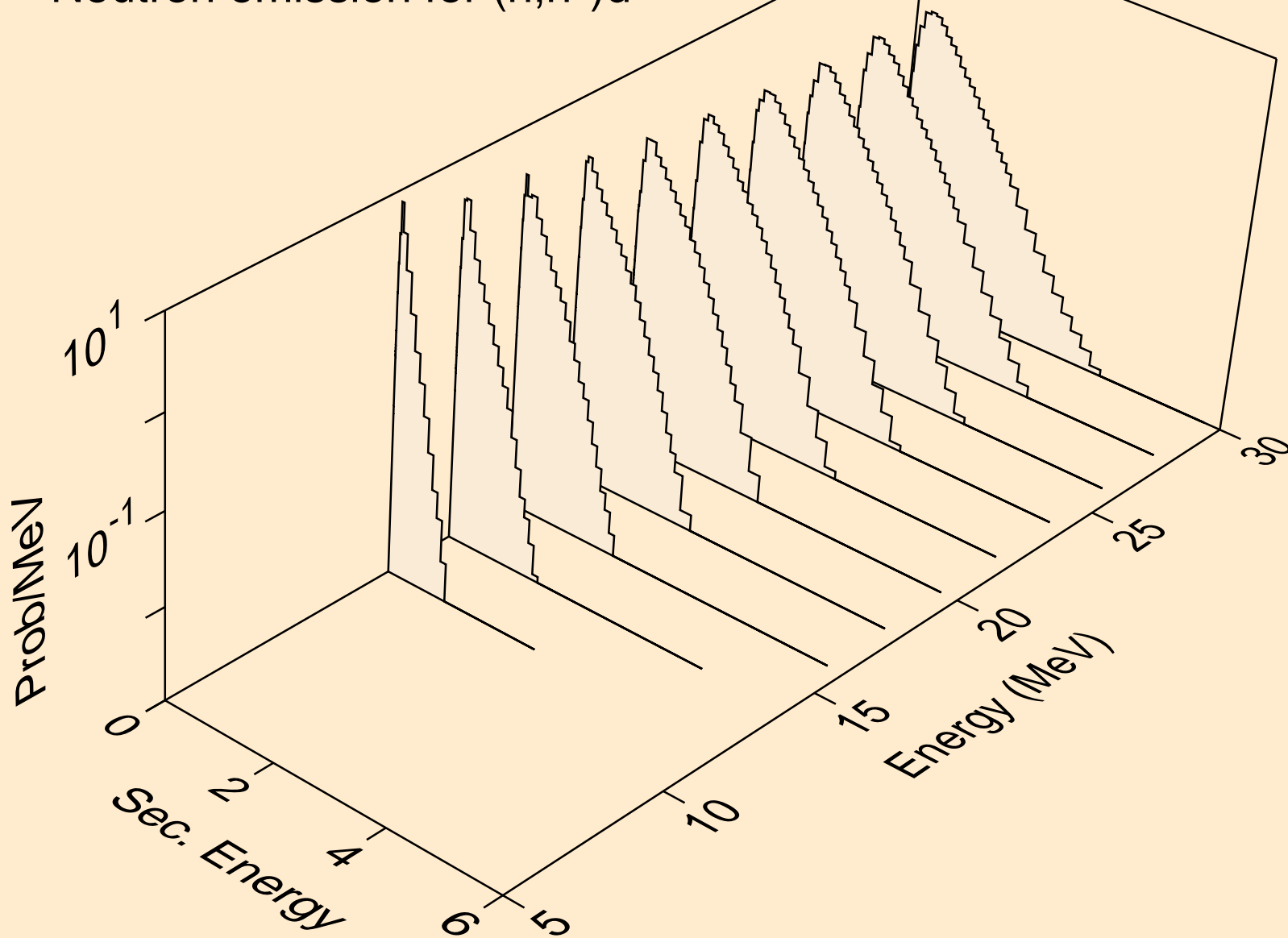
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



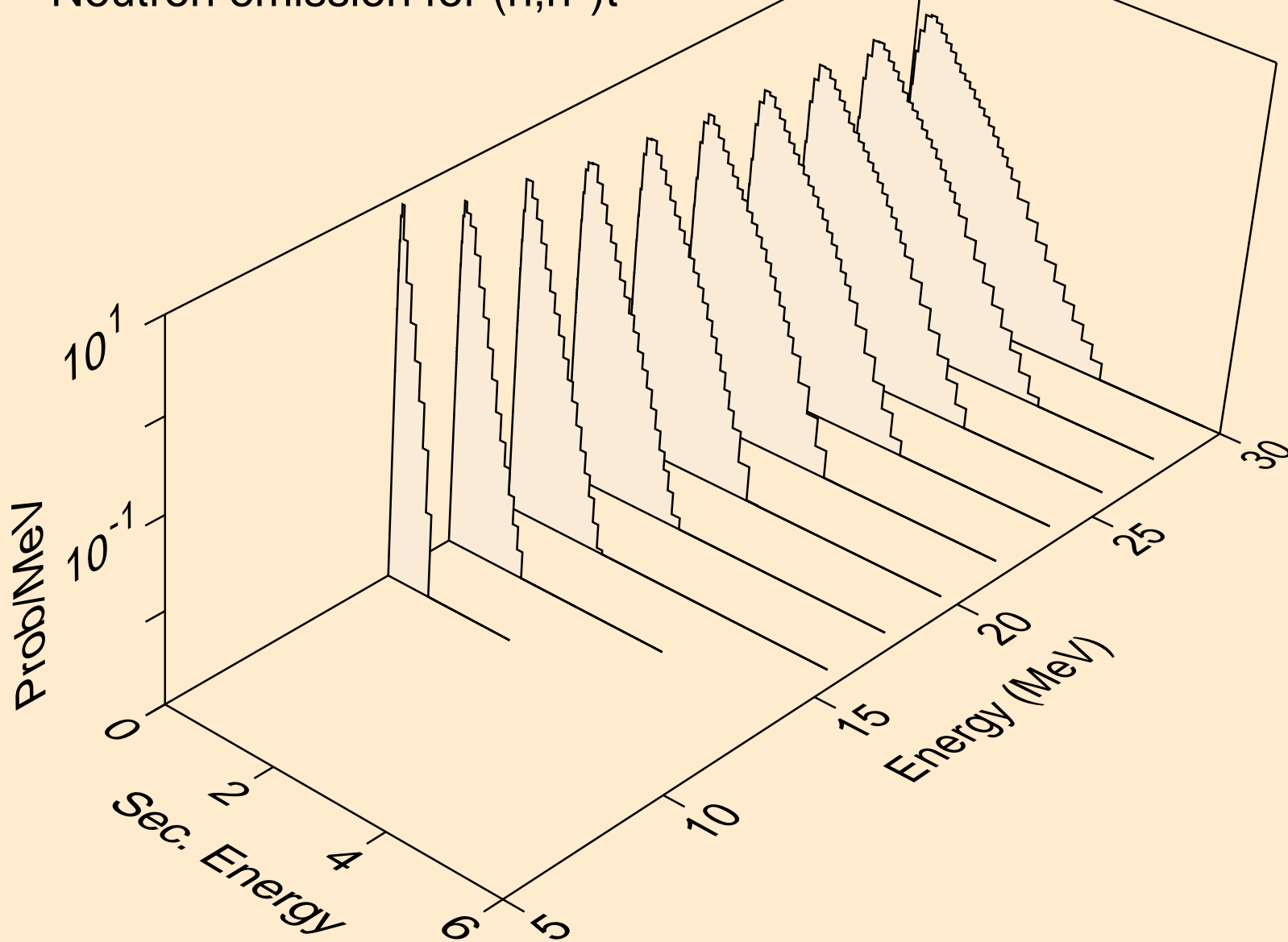
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



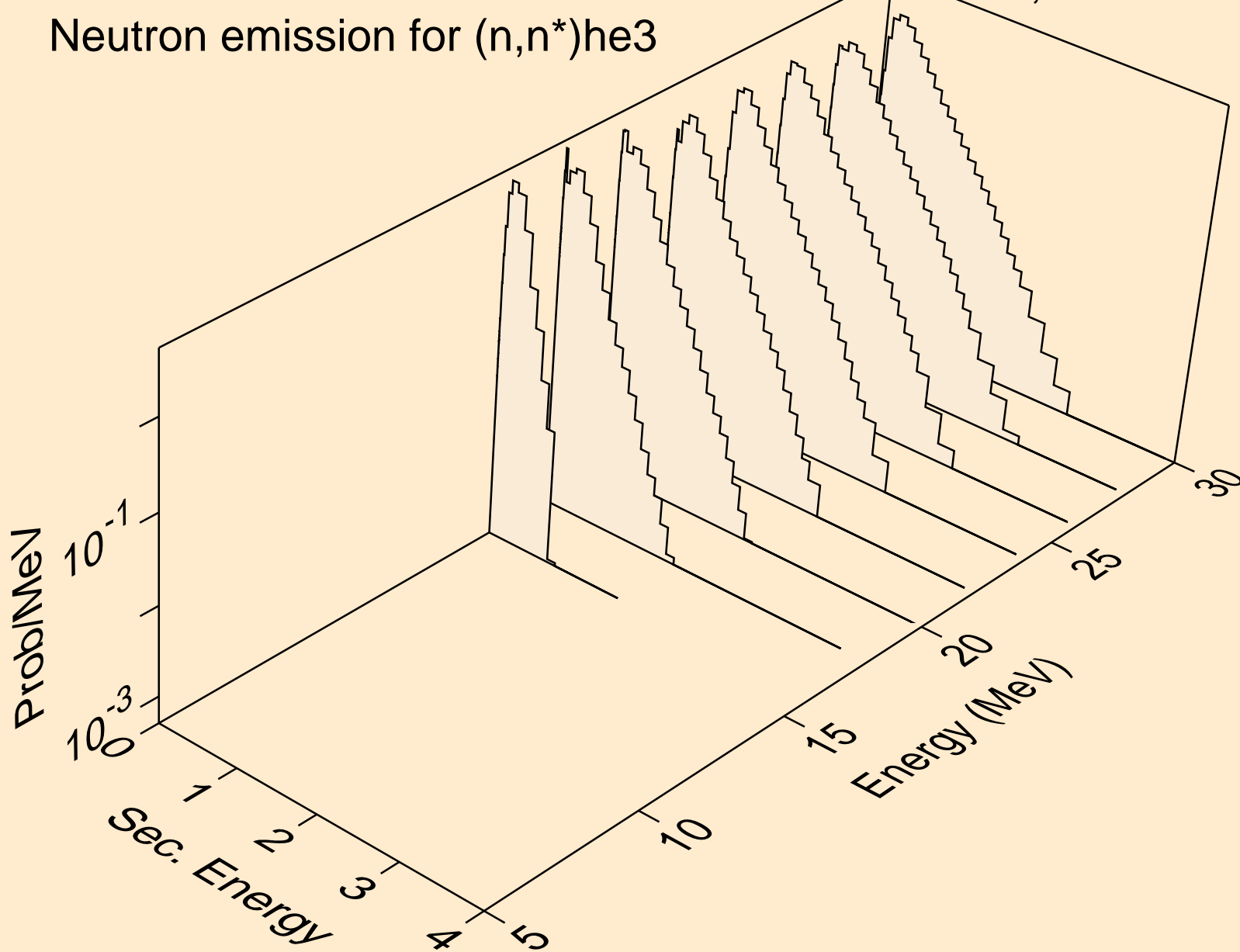
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



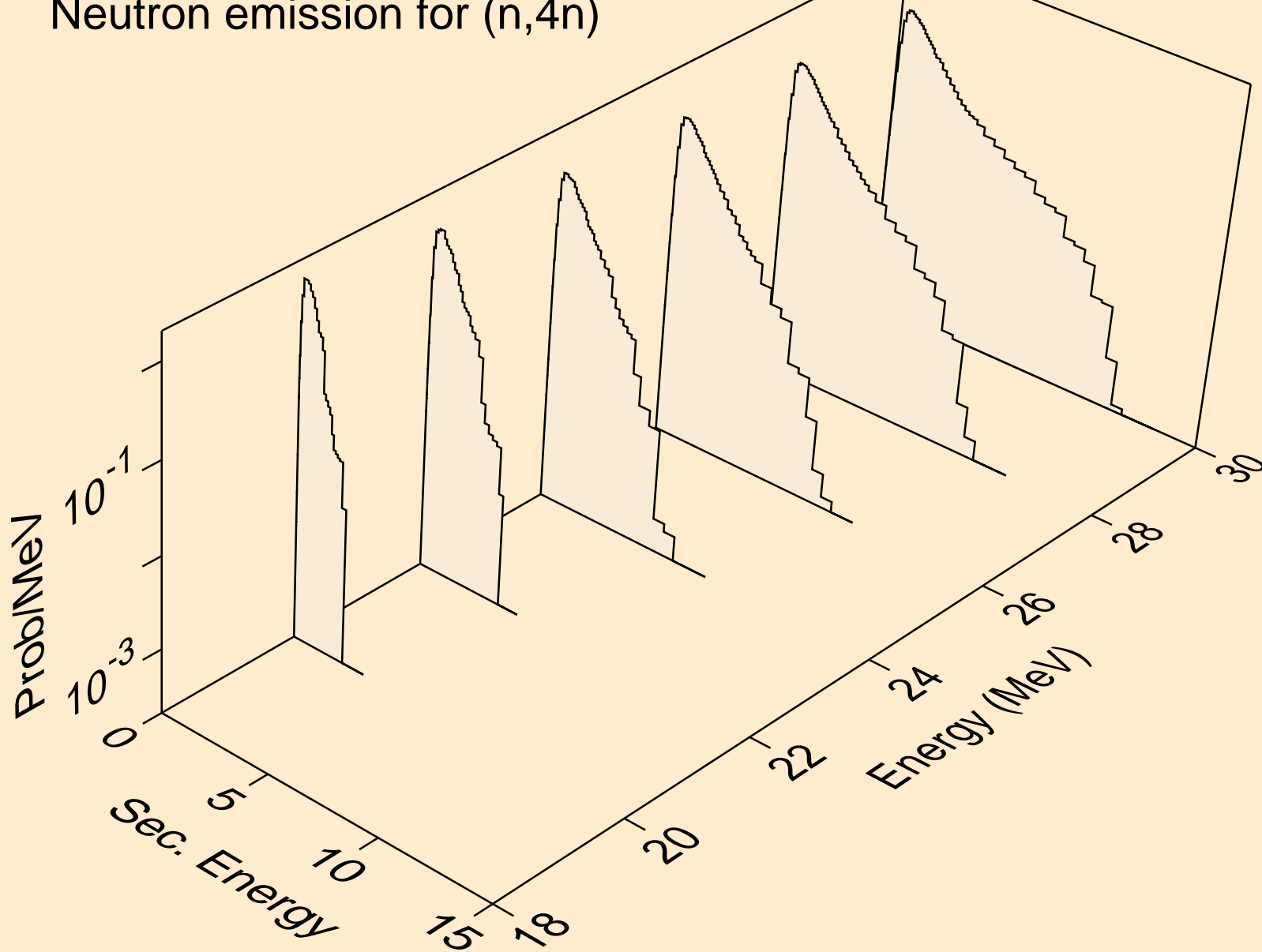
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



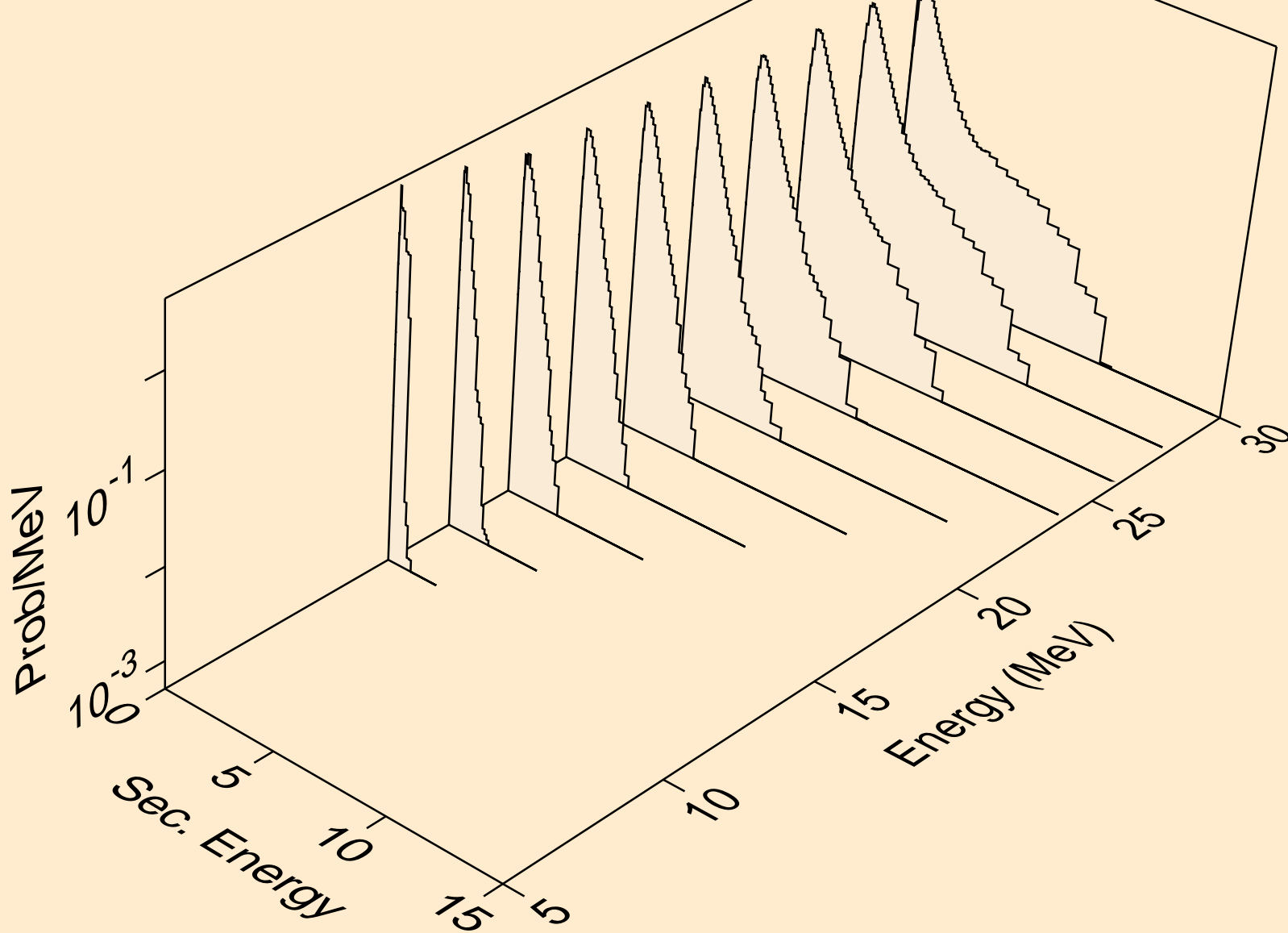
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



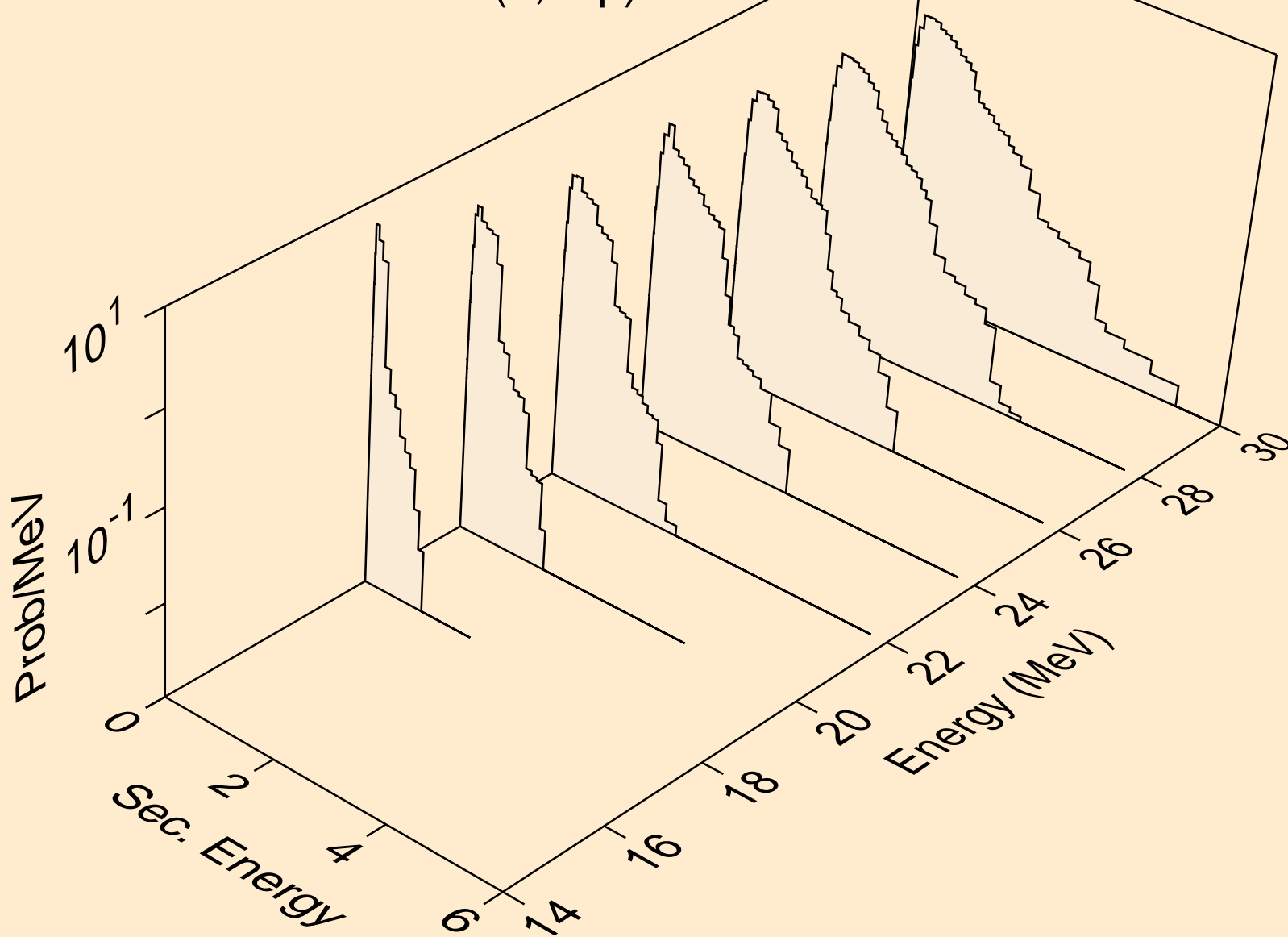
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



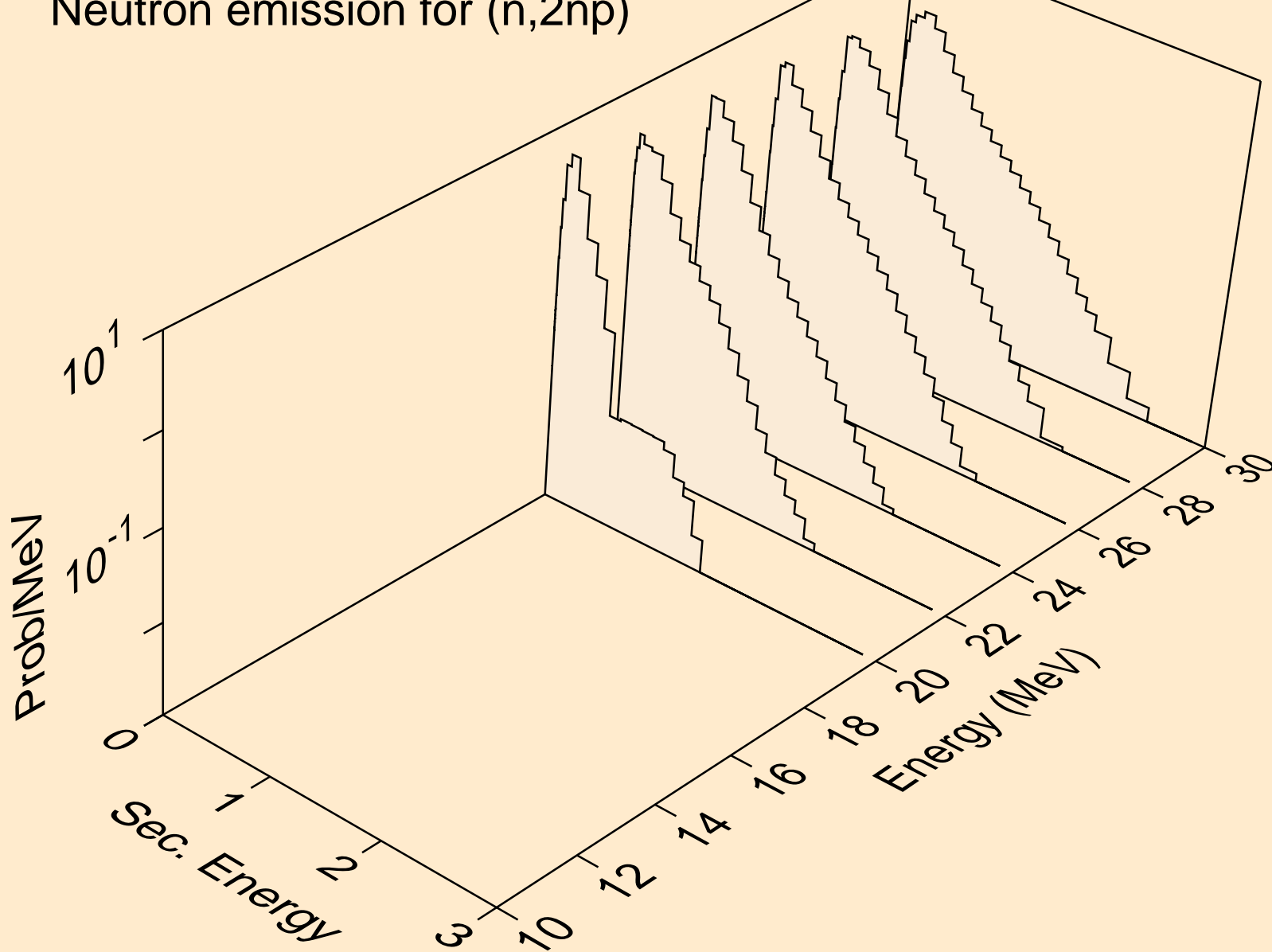
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



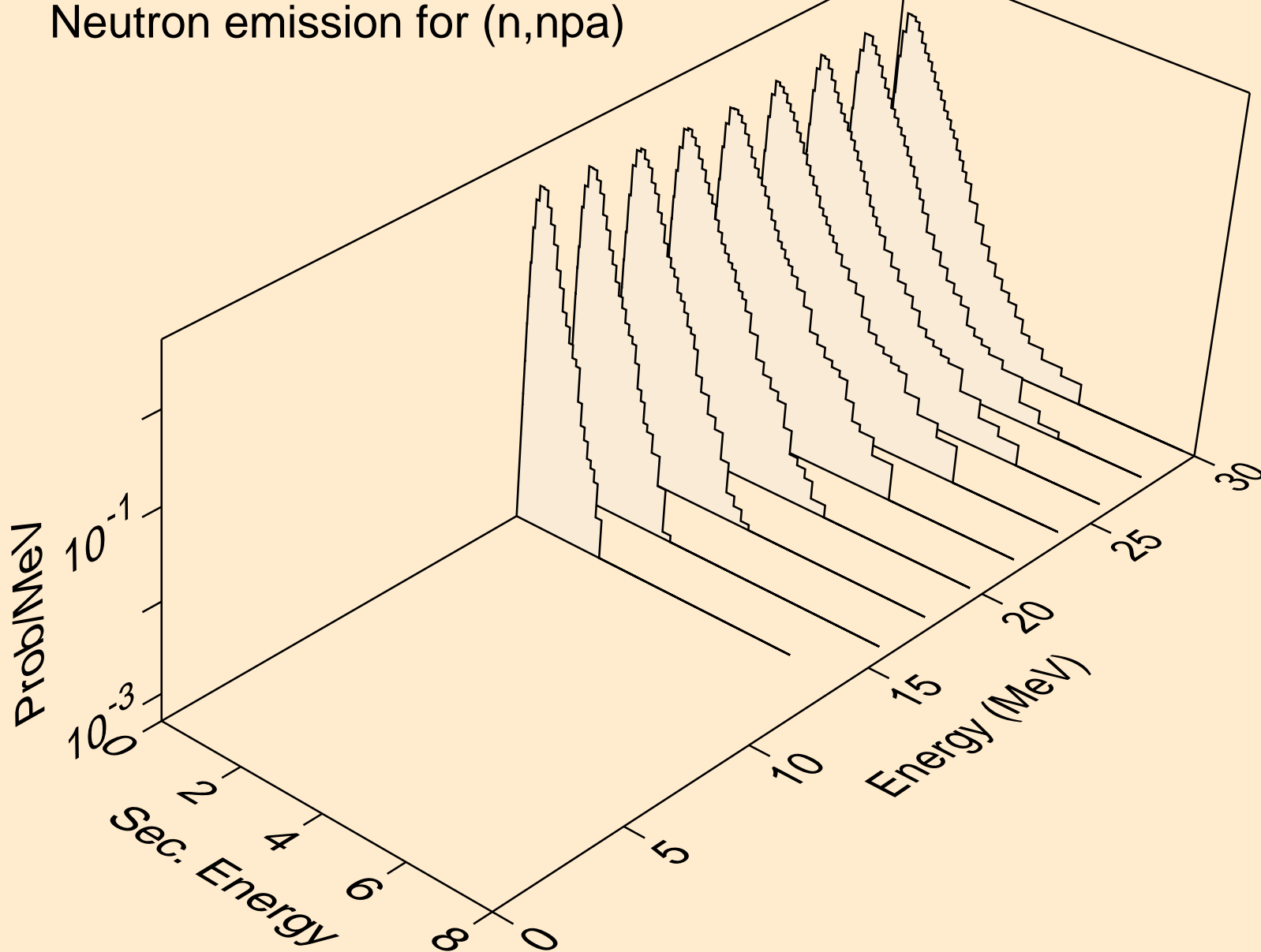
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



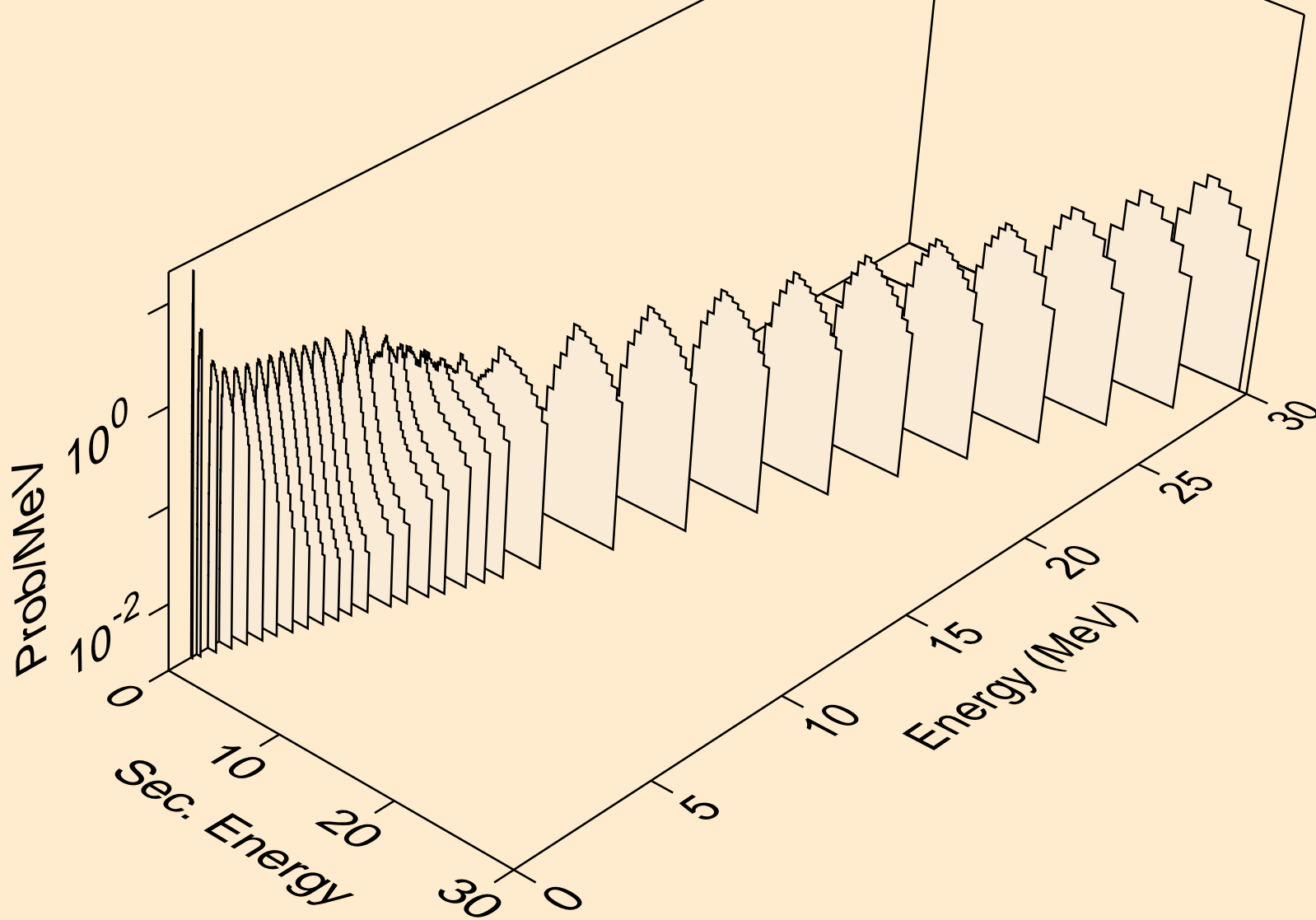
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



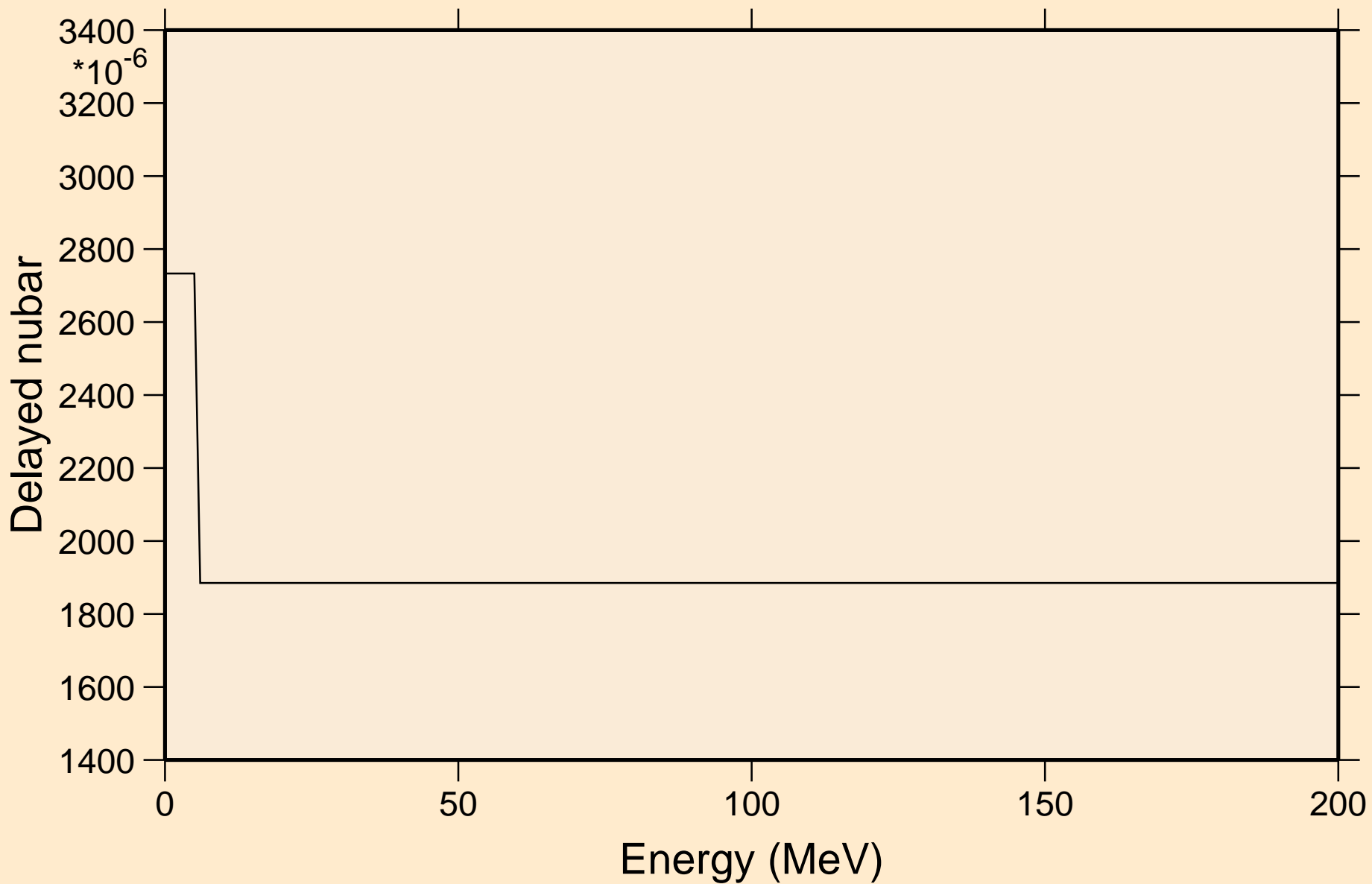
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)

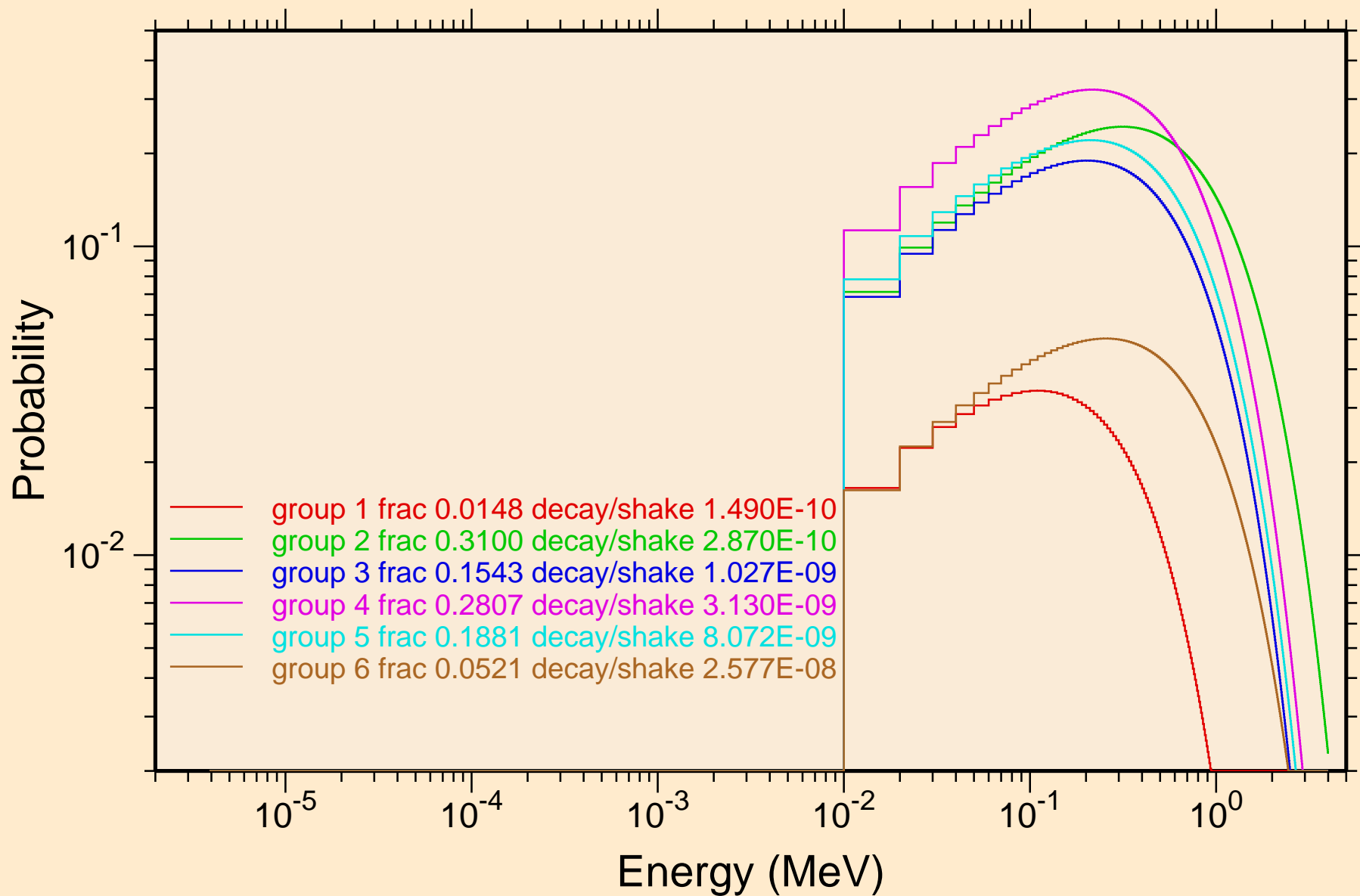


ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Delayed nubar

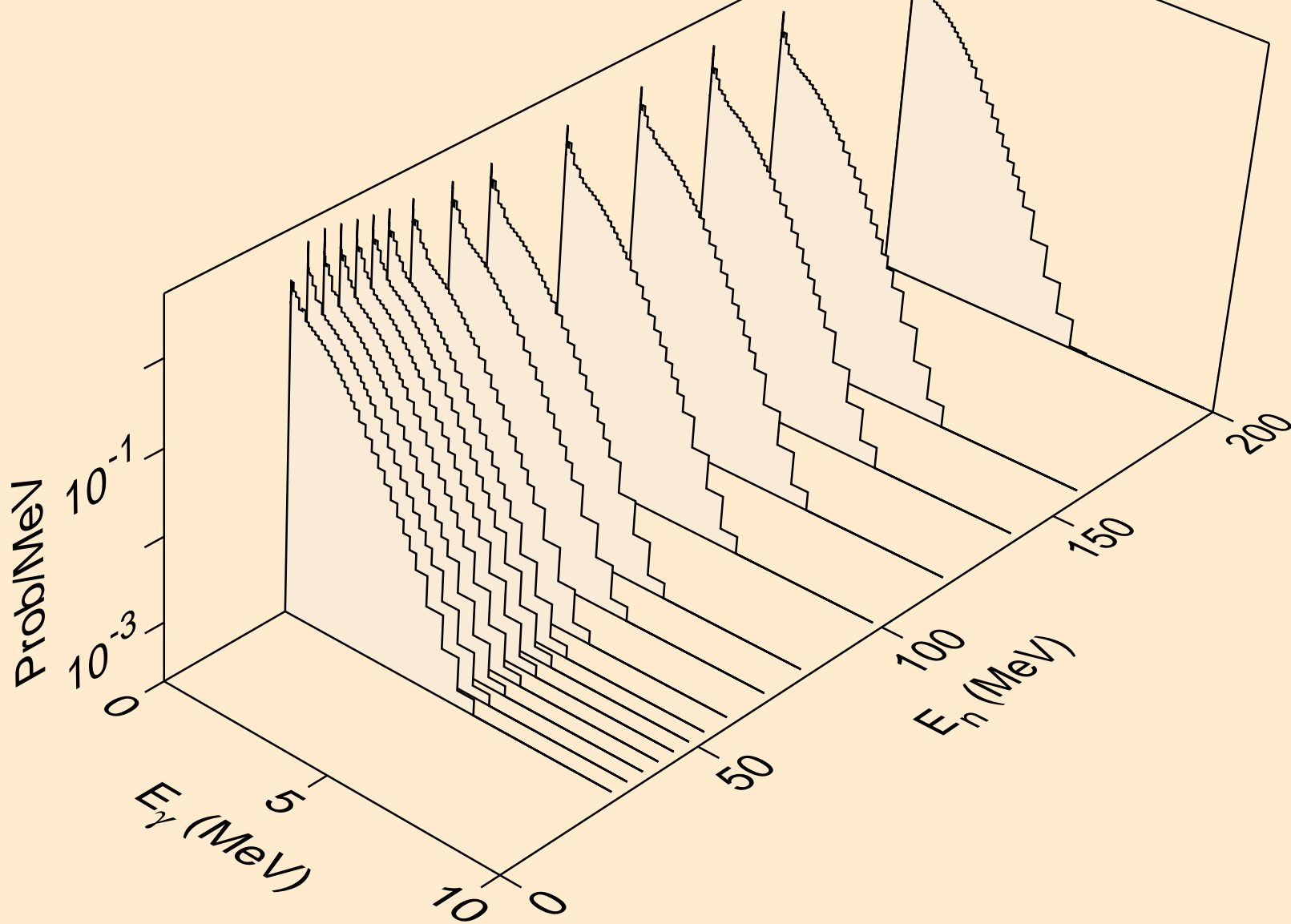


ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

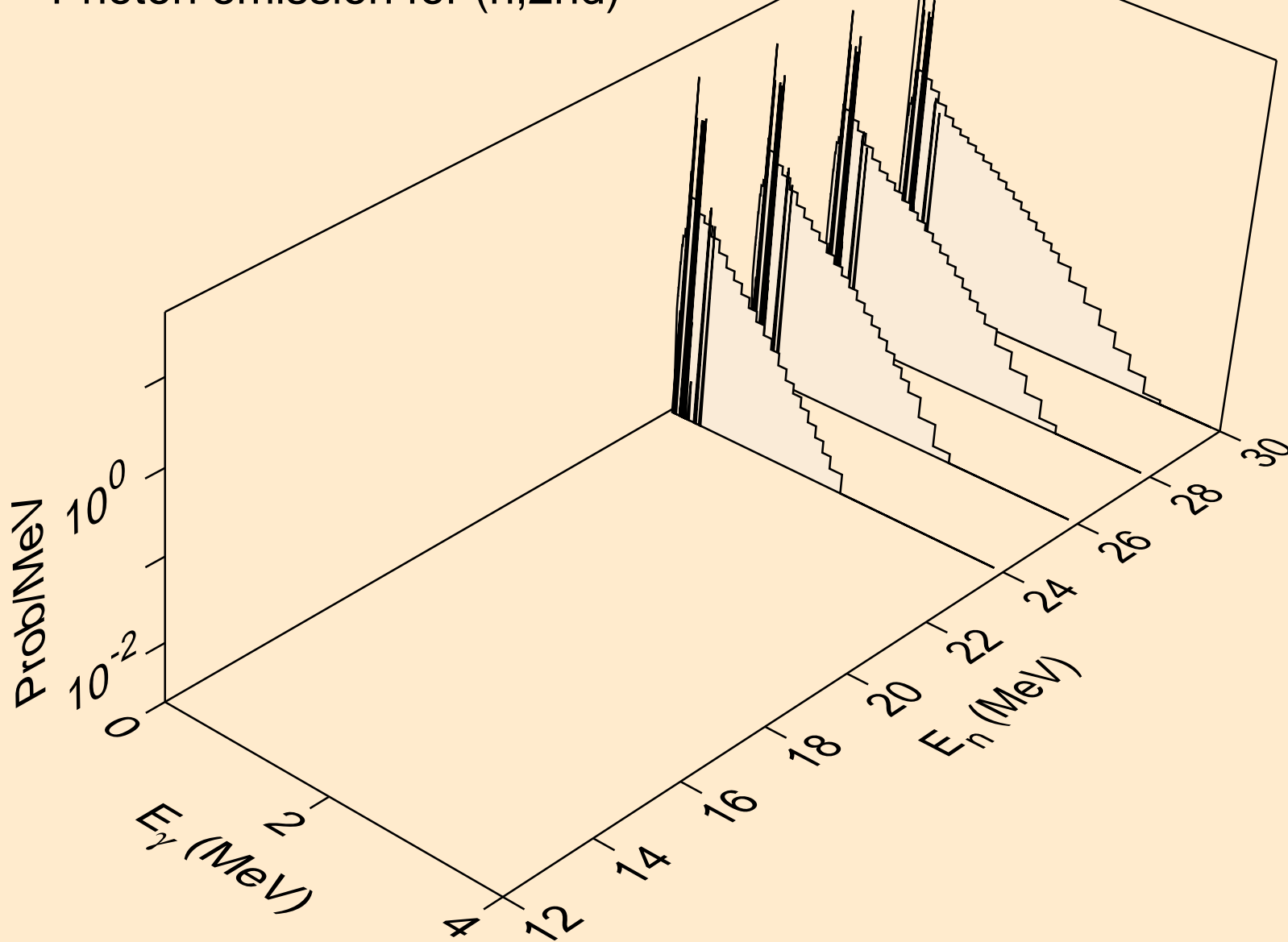
Delayed neutron spectra



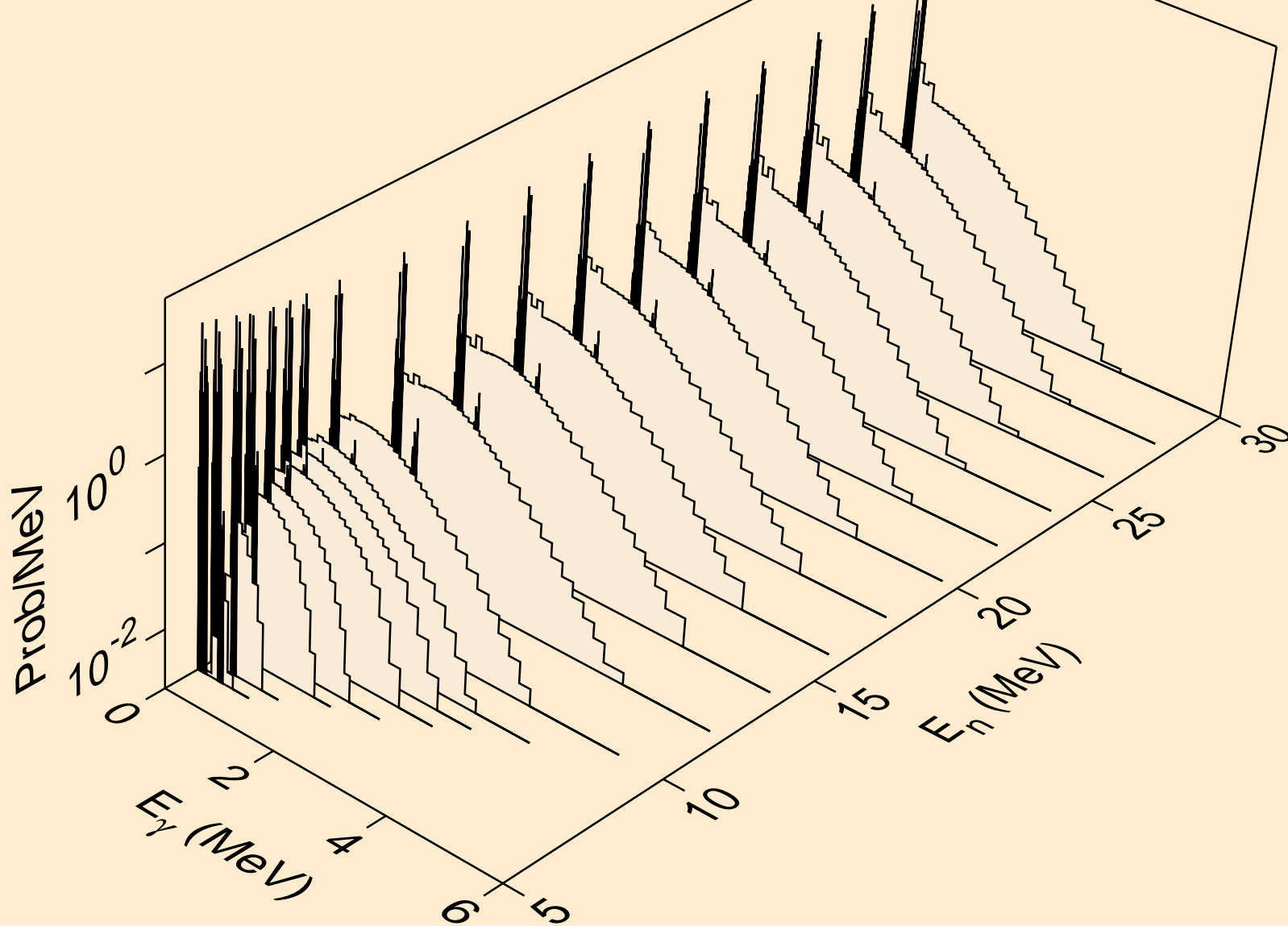
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



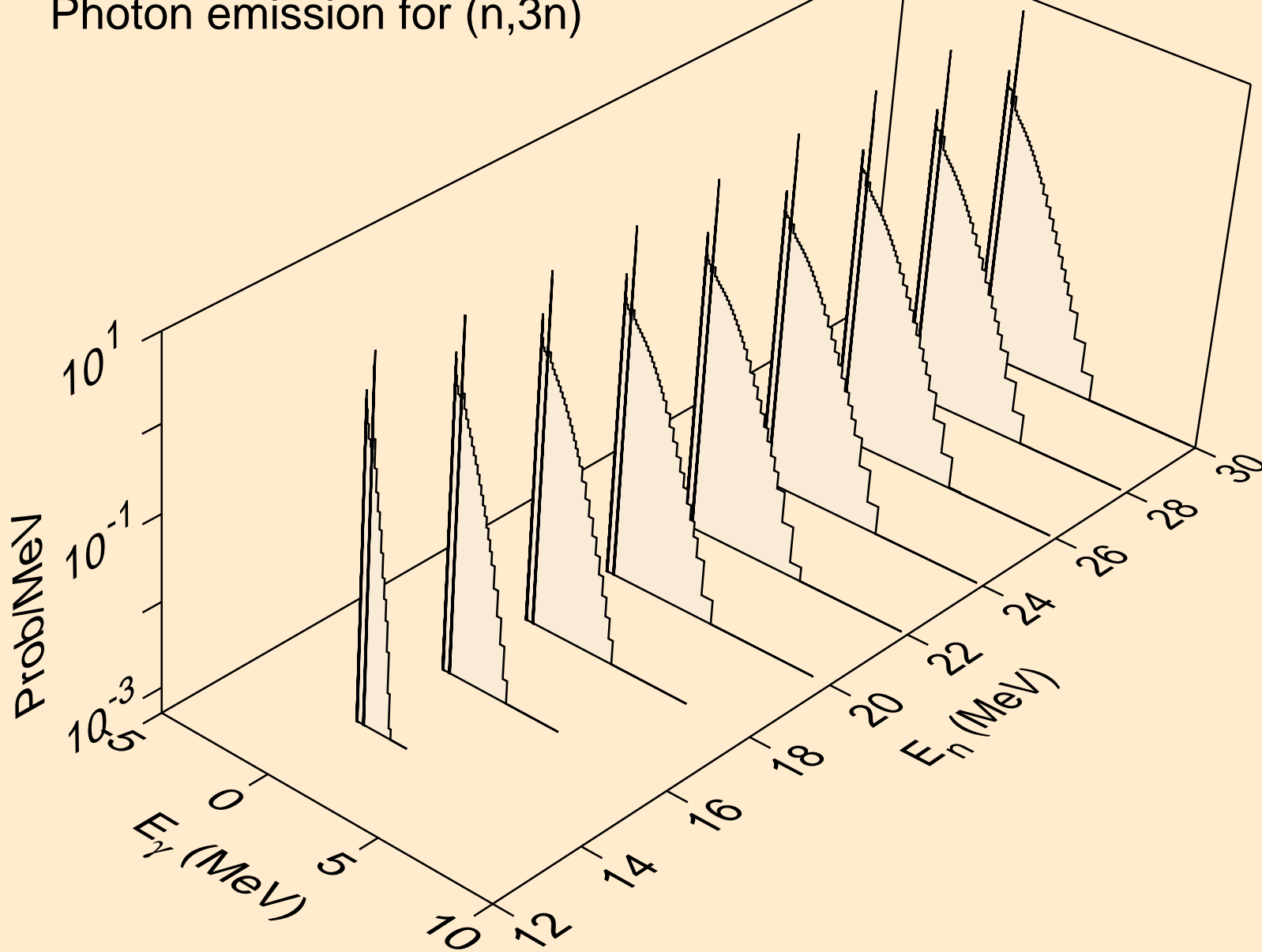
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



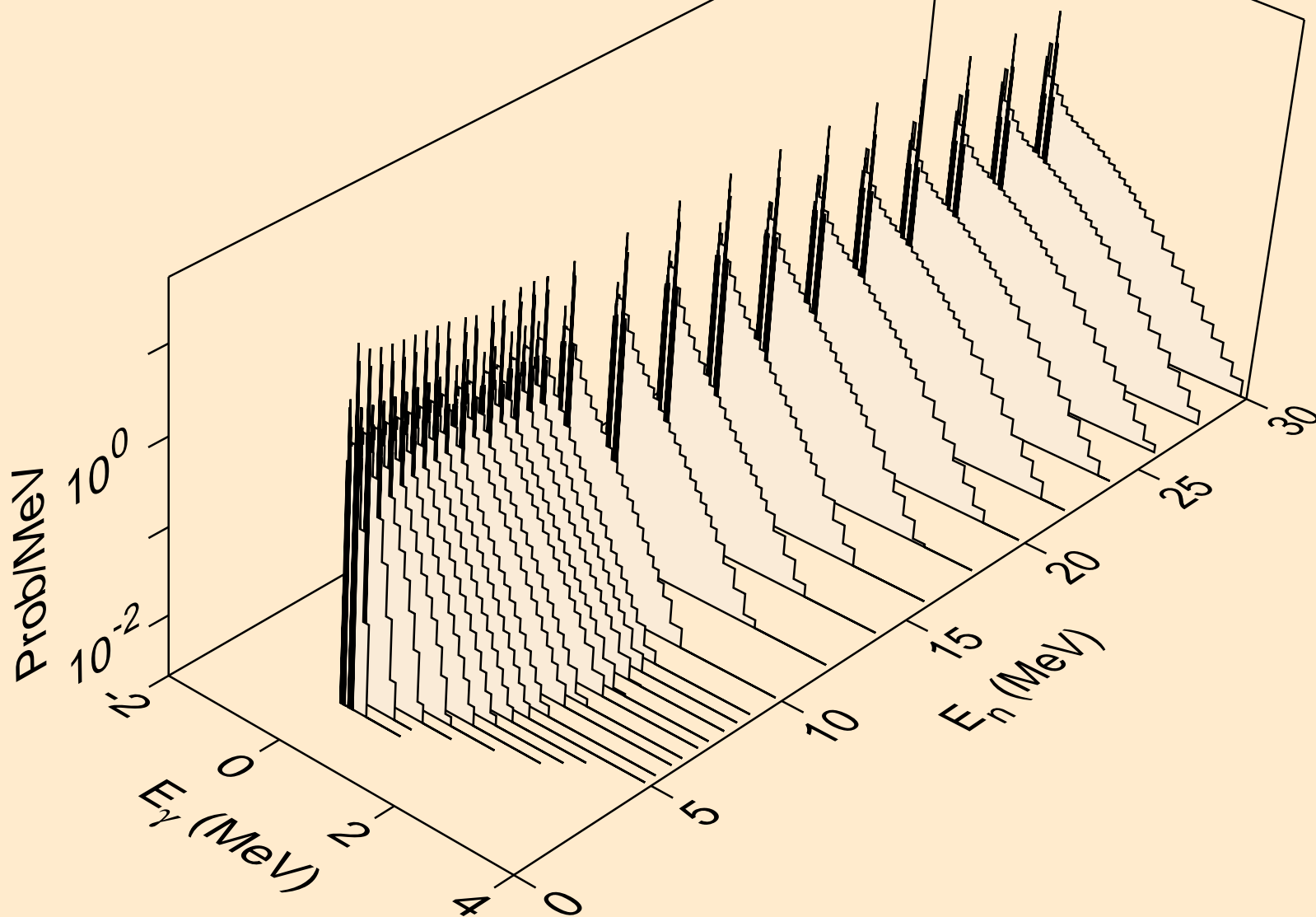
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



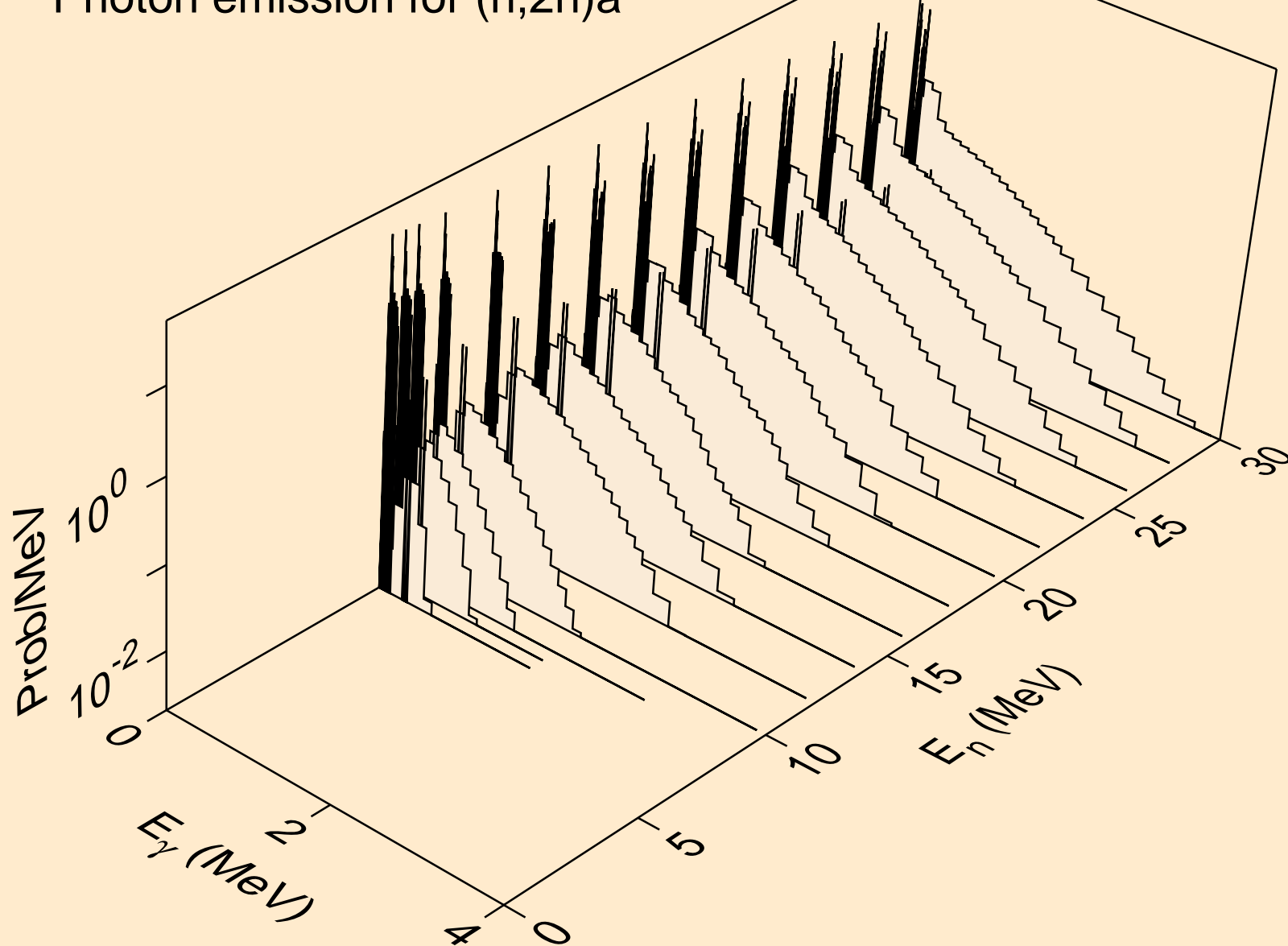
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



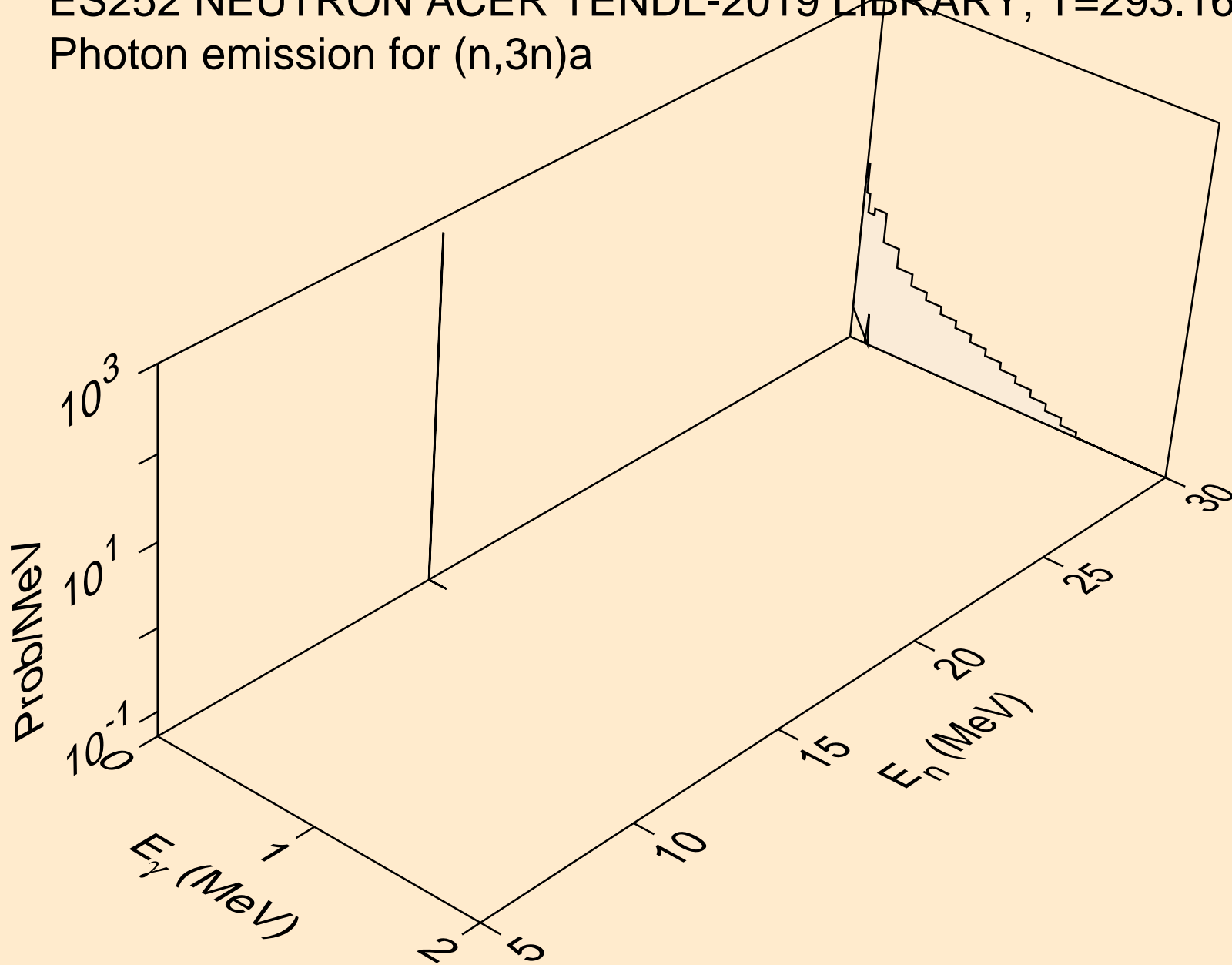
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



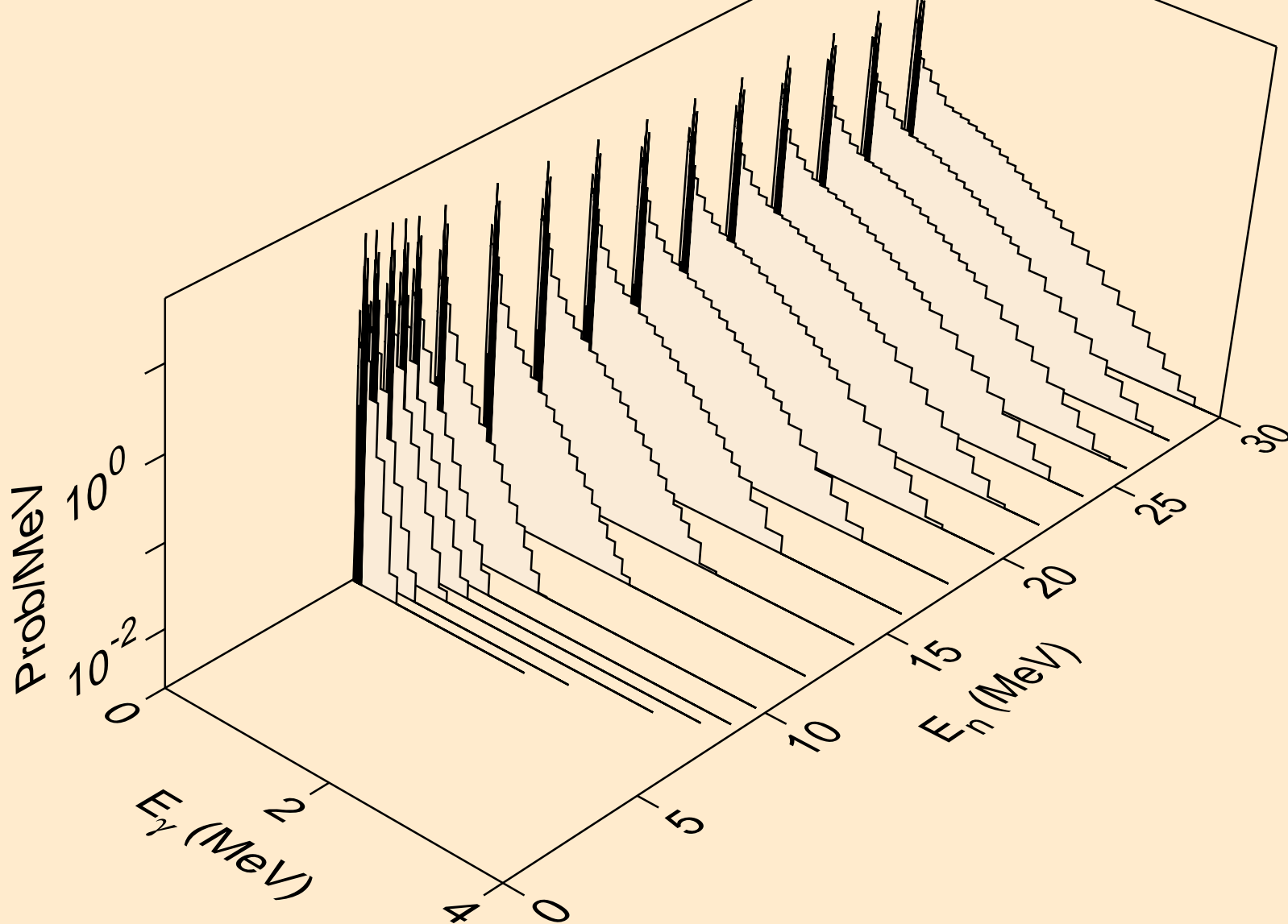
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



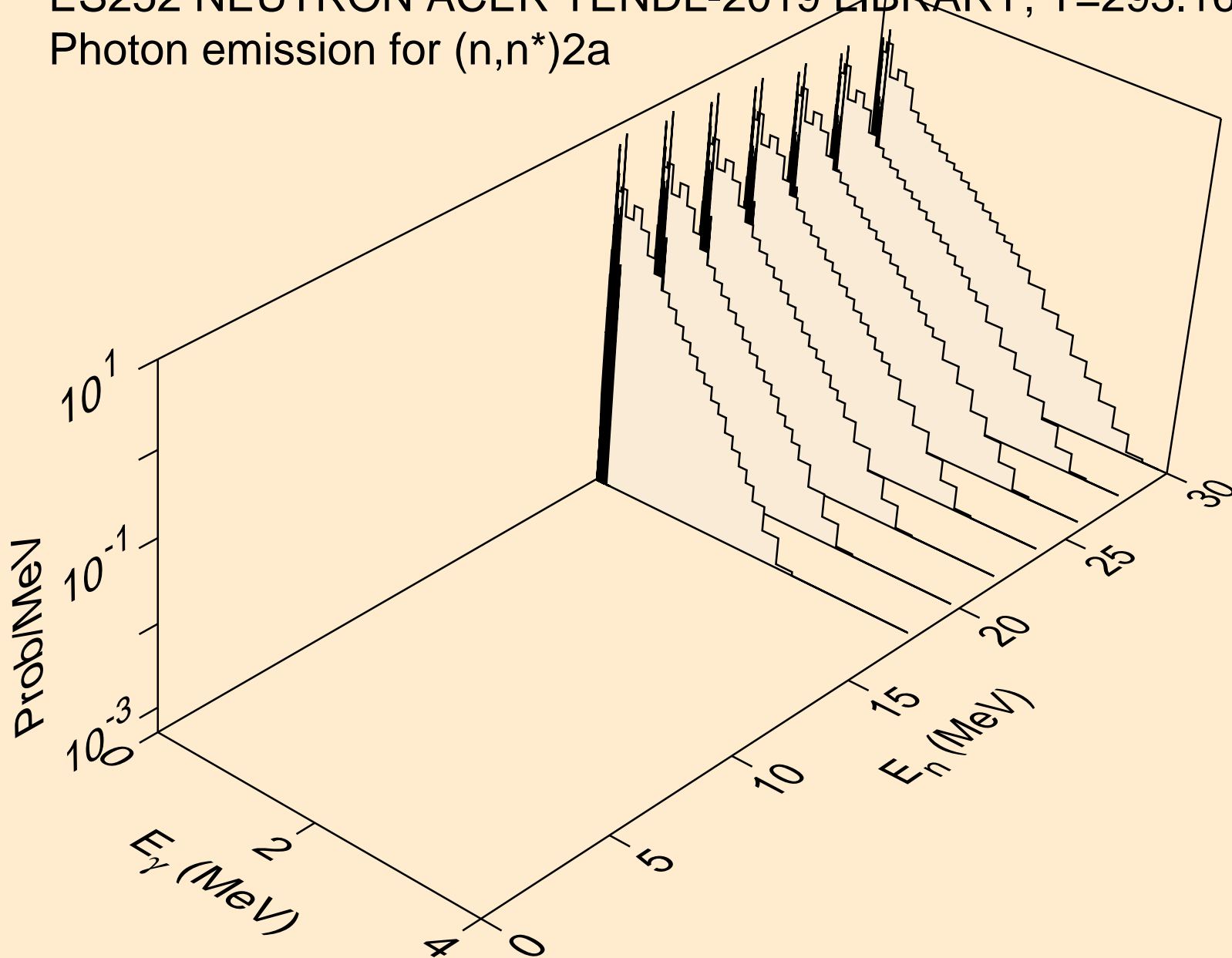
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



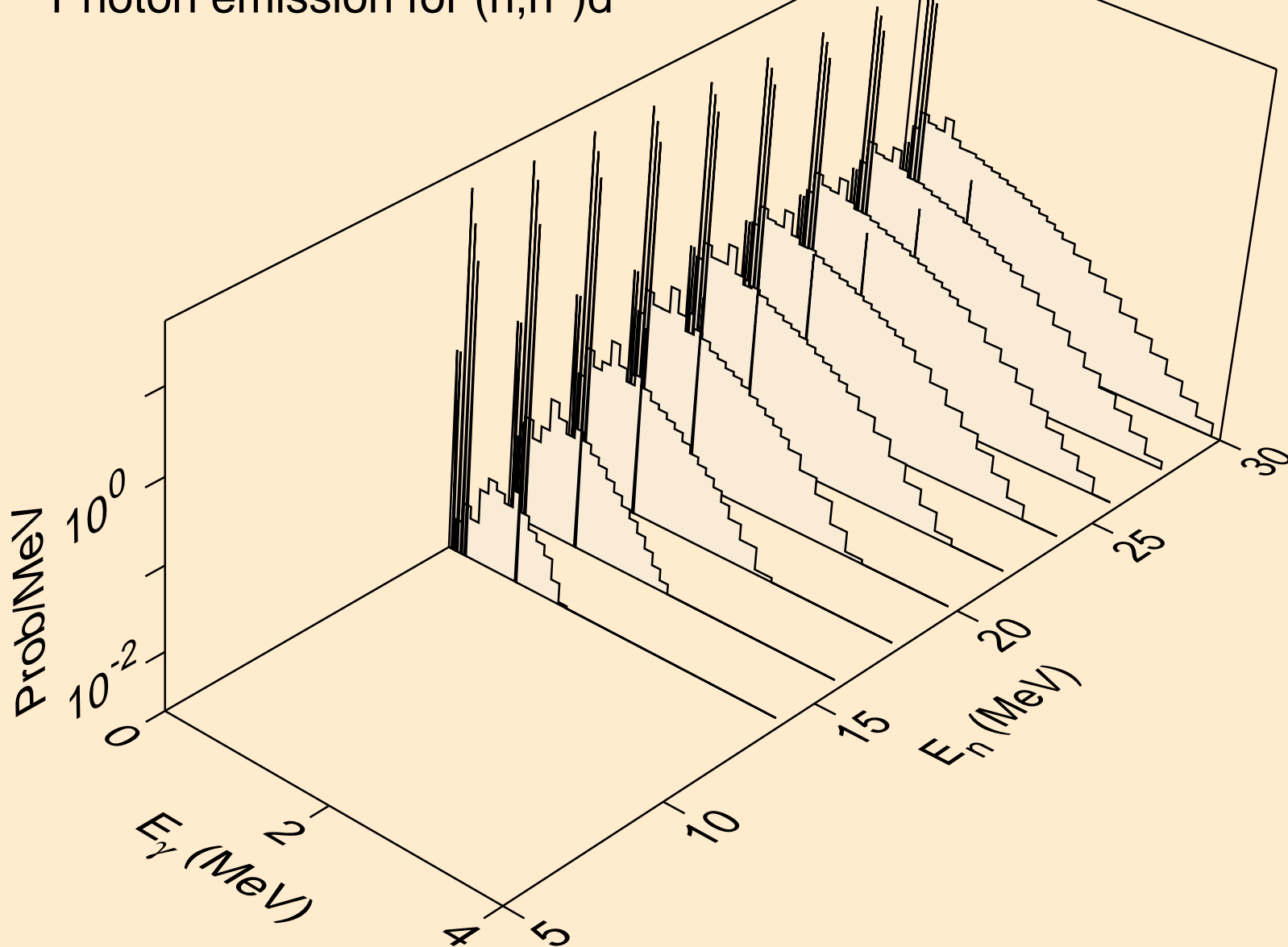
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



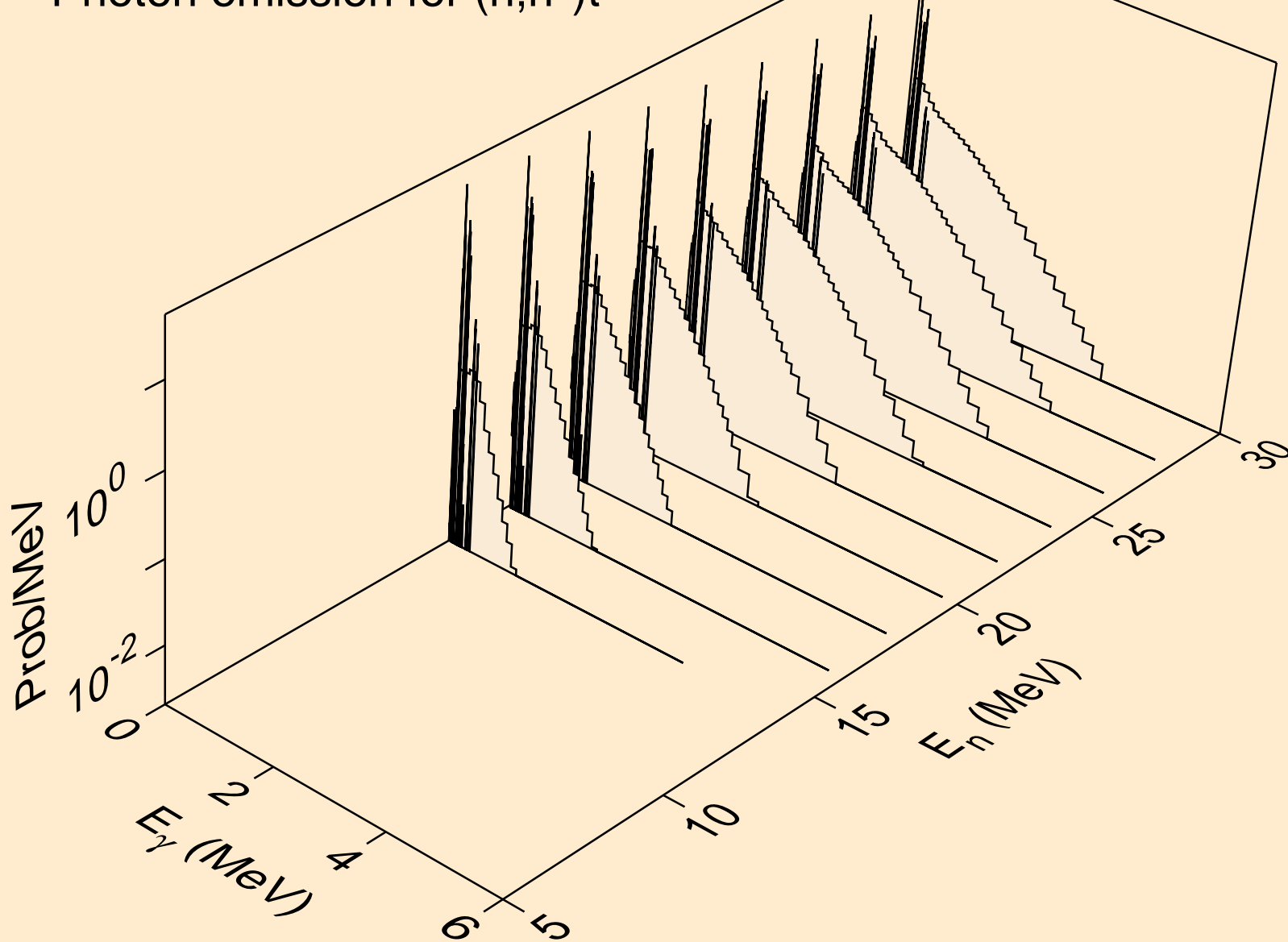
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



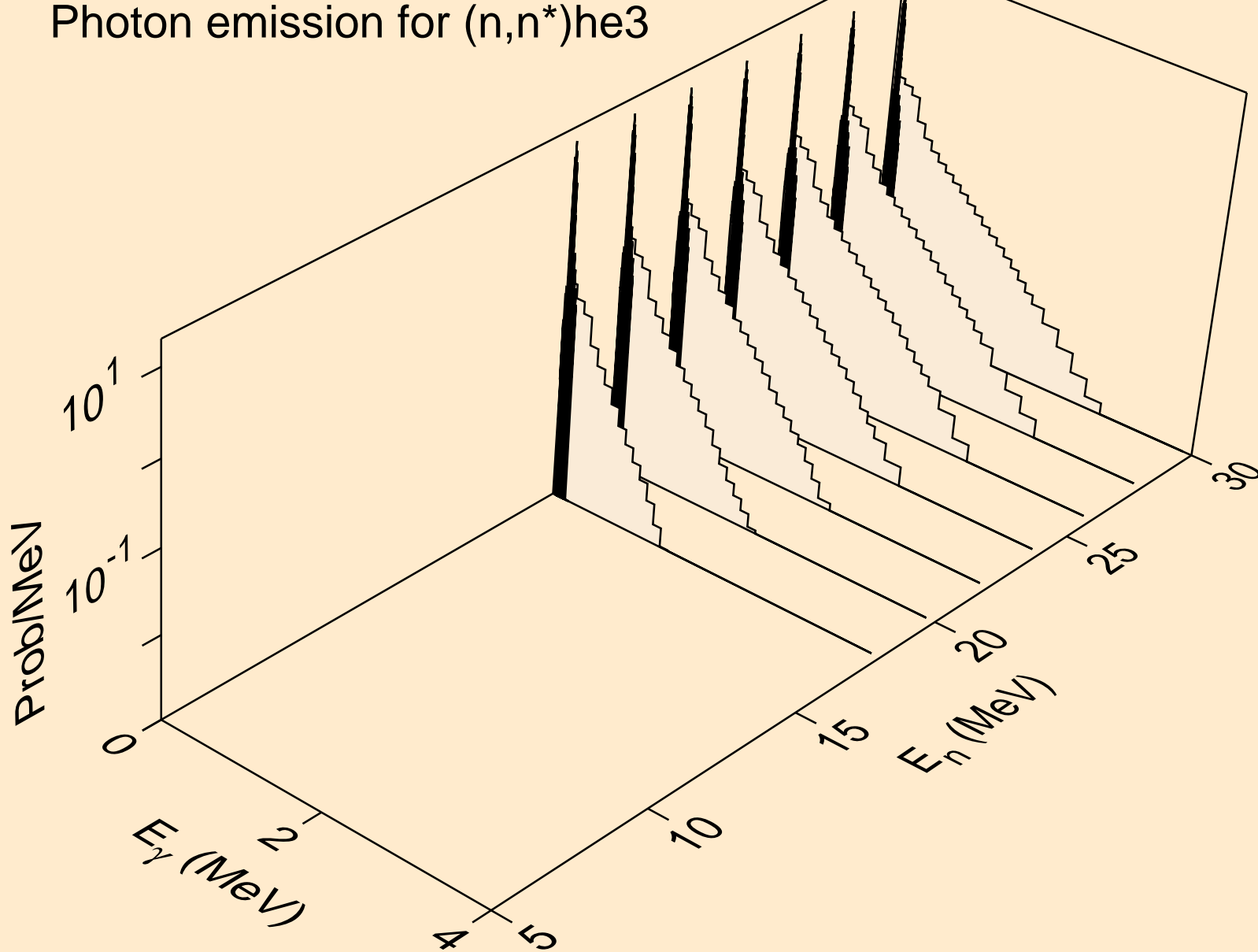
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



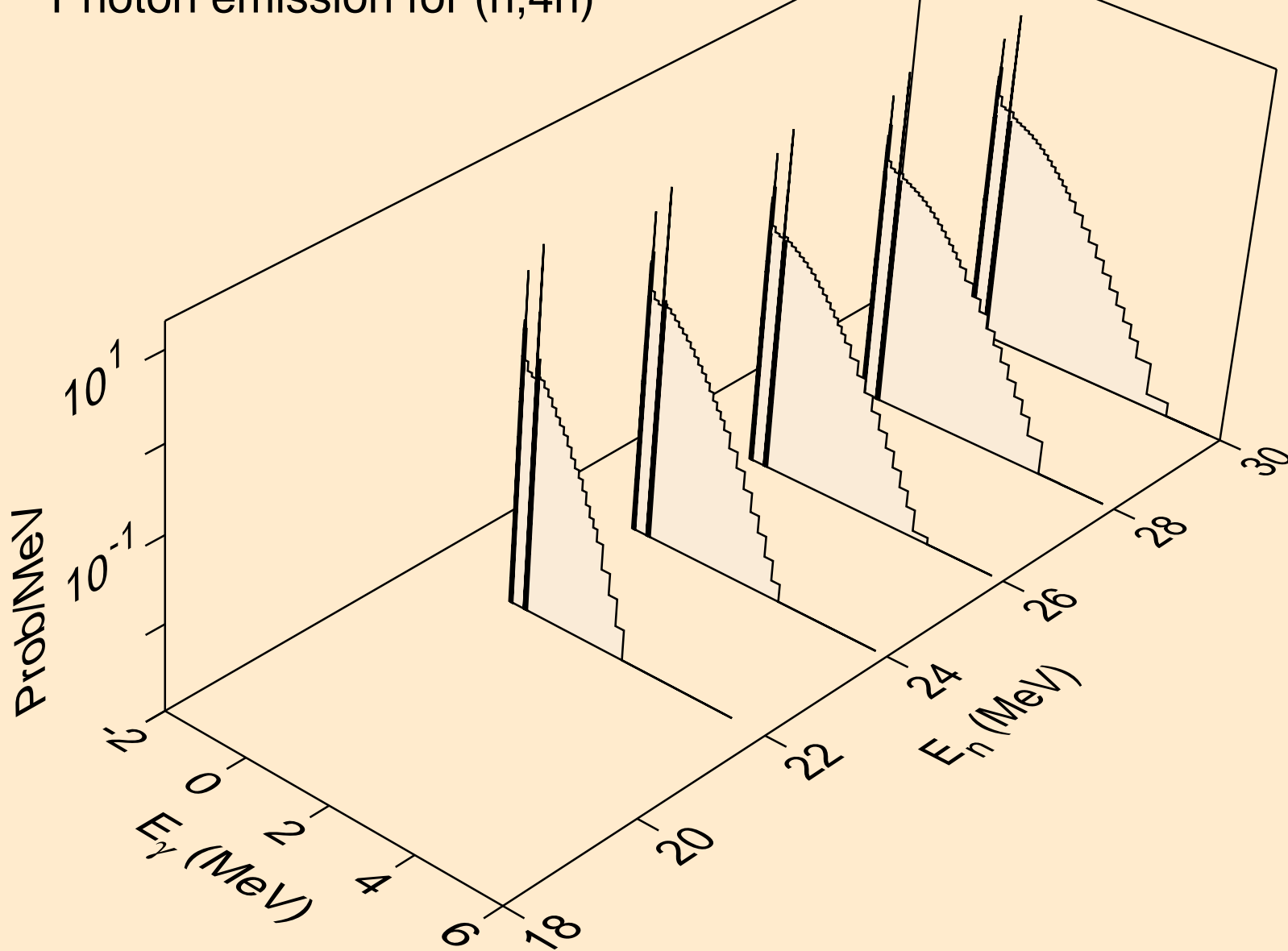
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



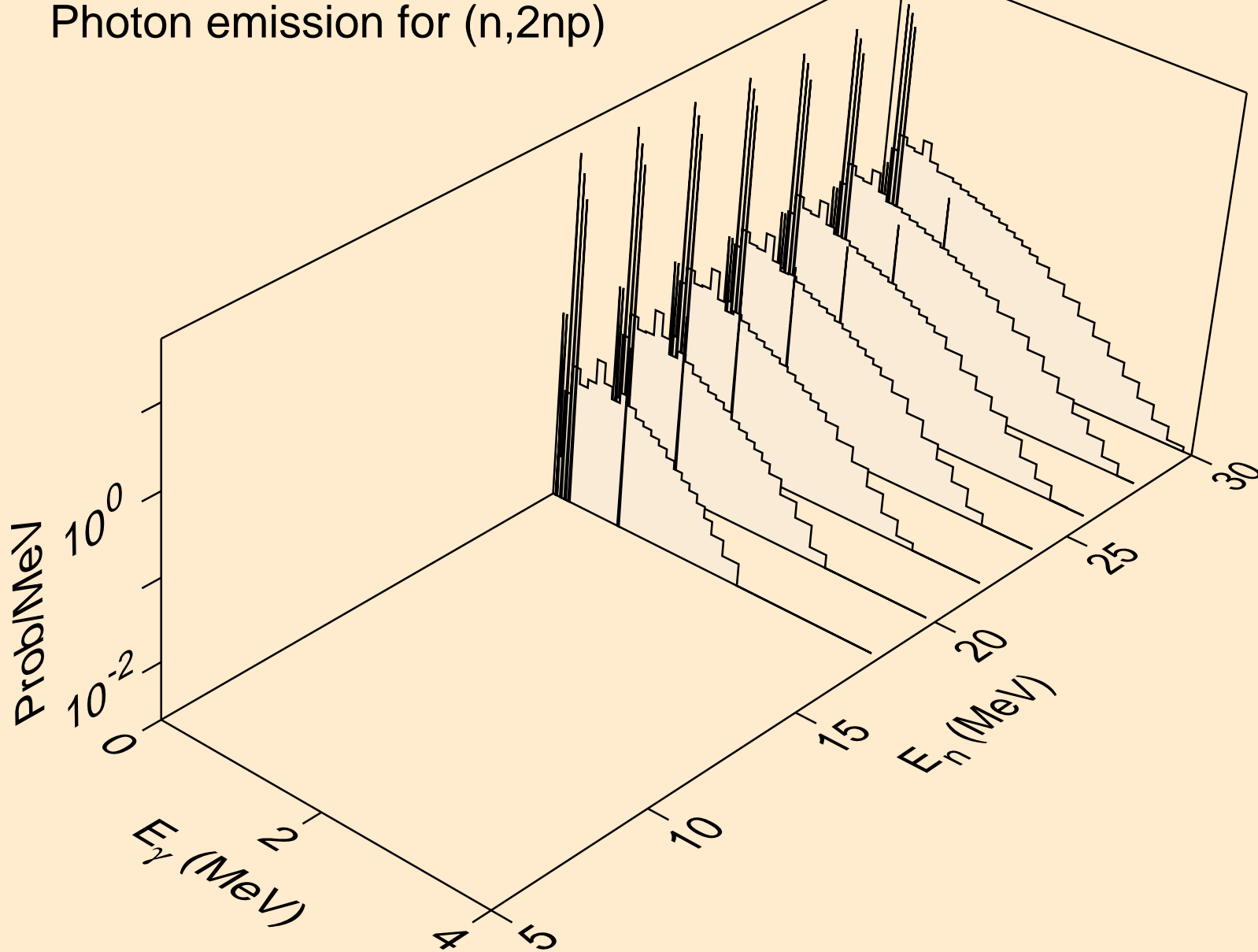
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



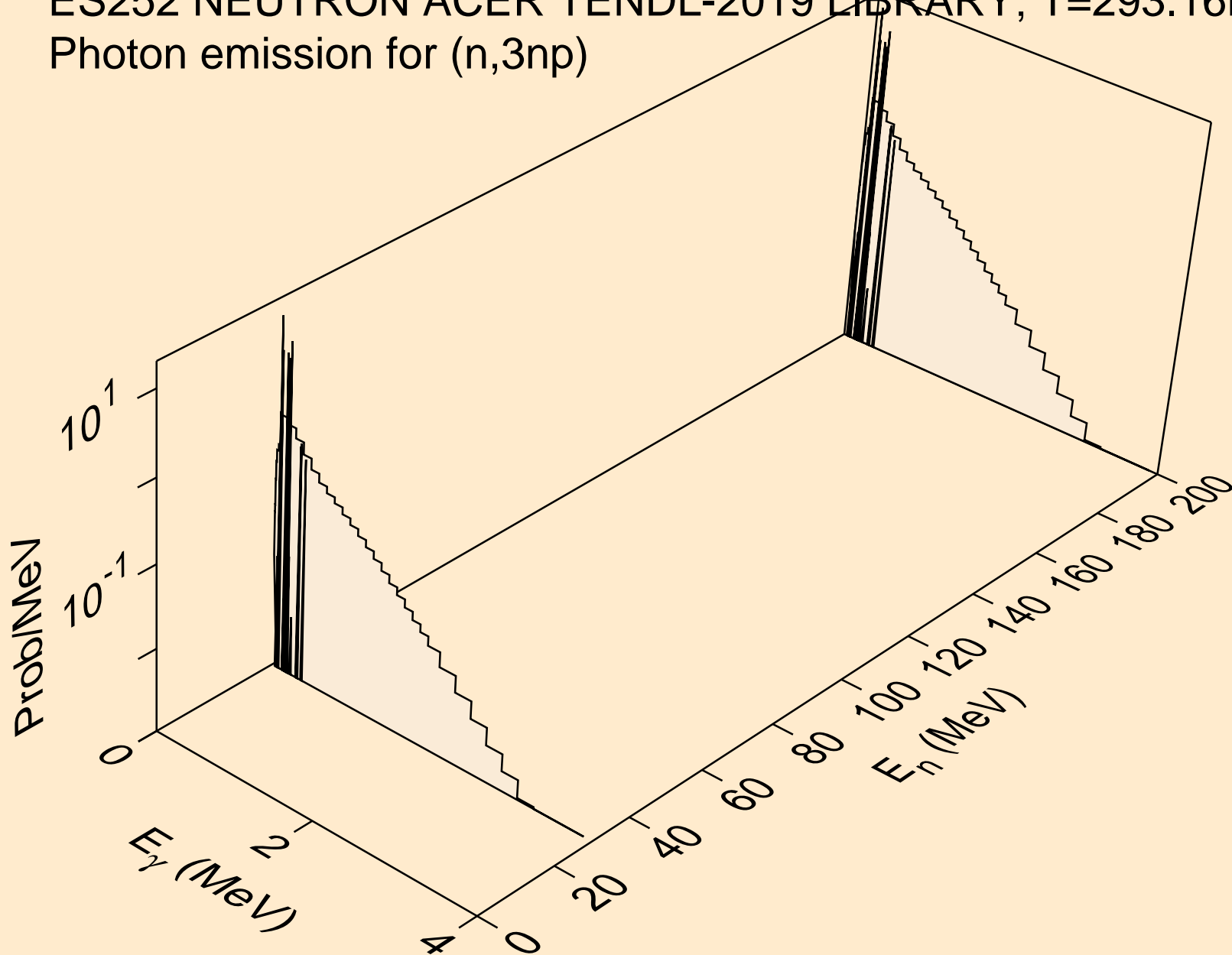
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



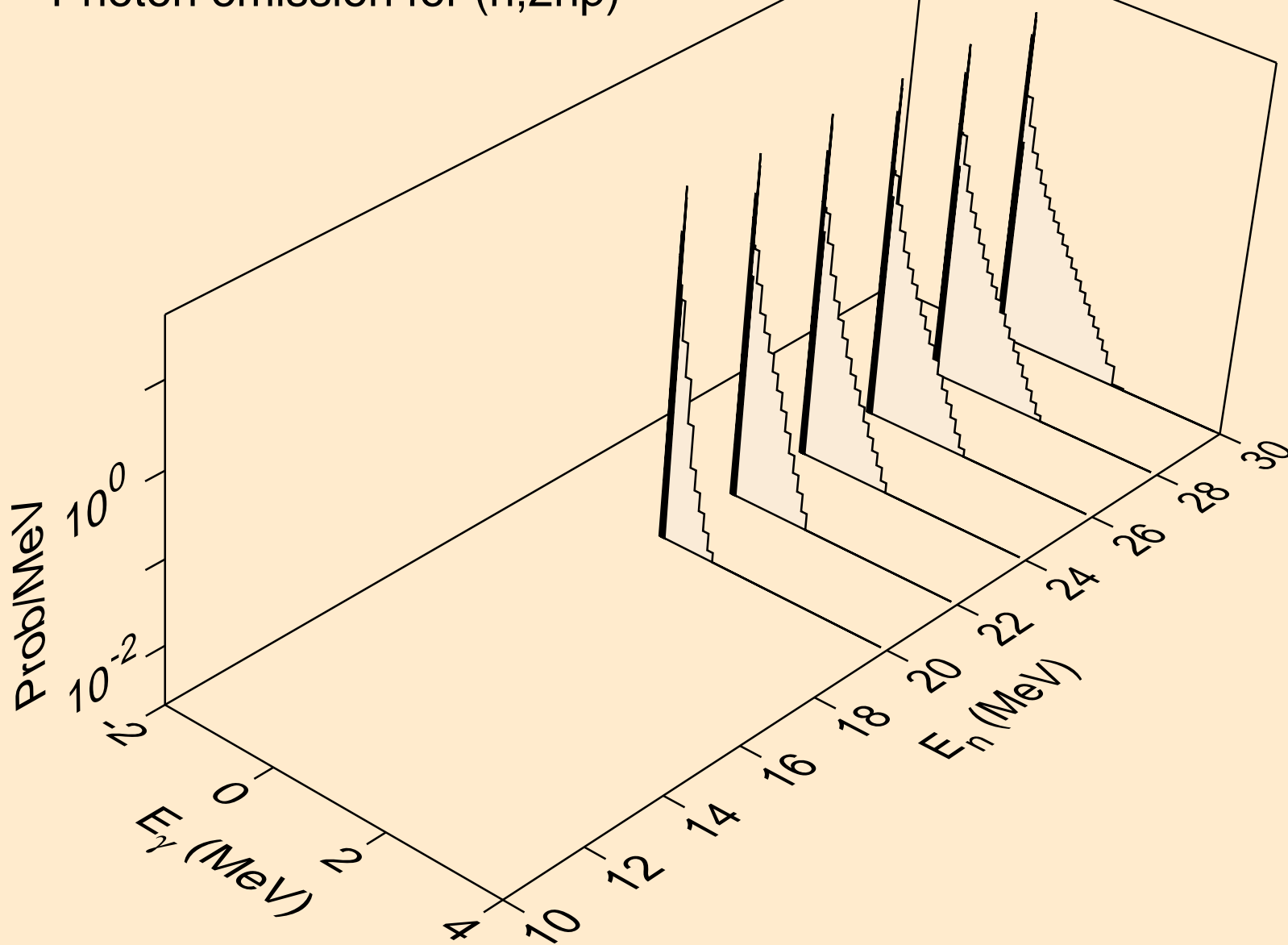
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



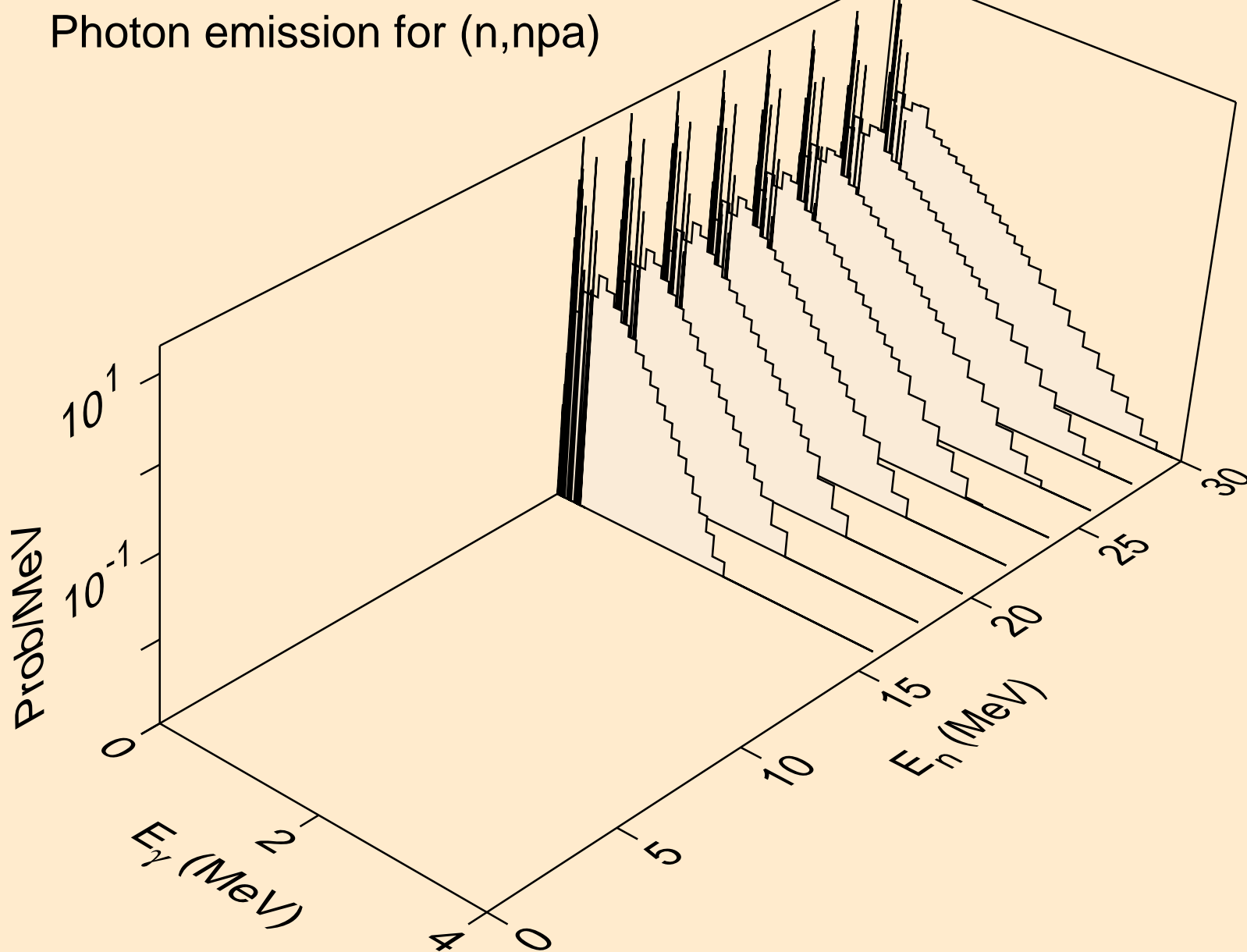
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



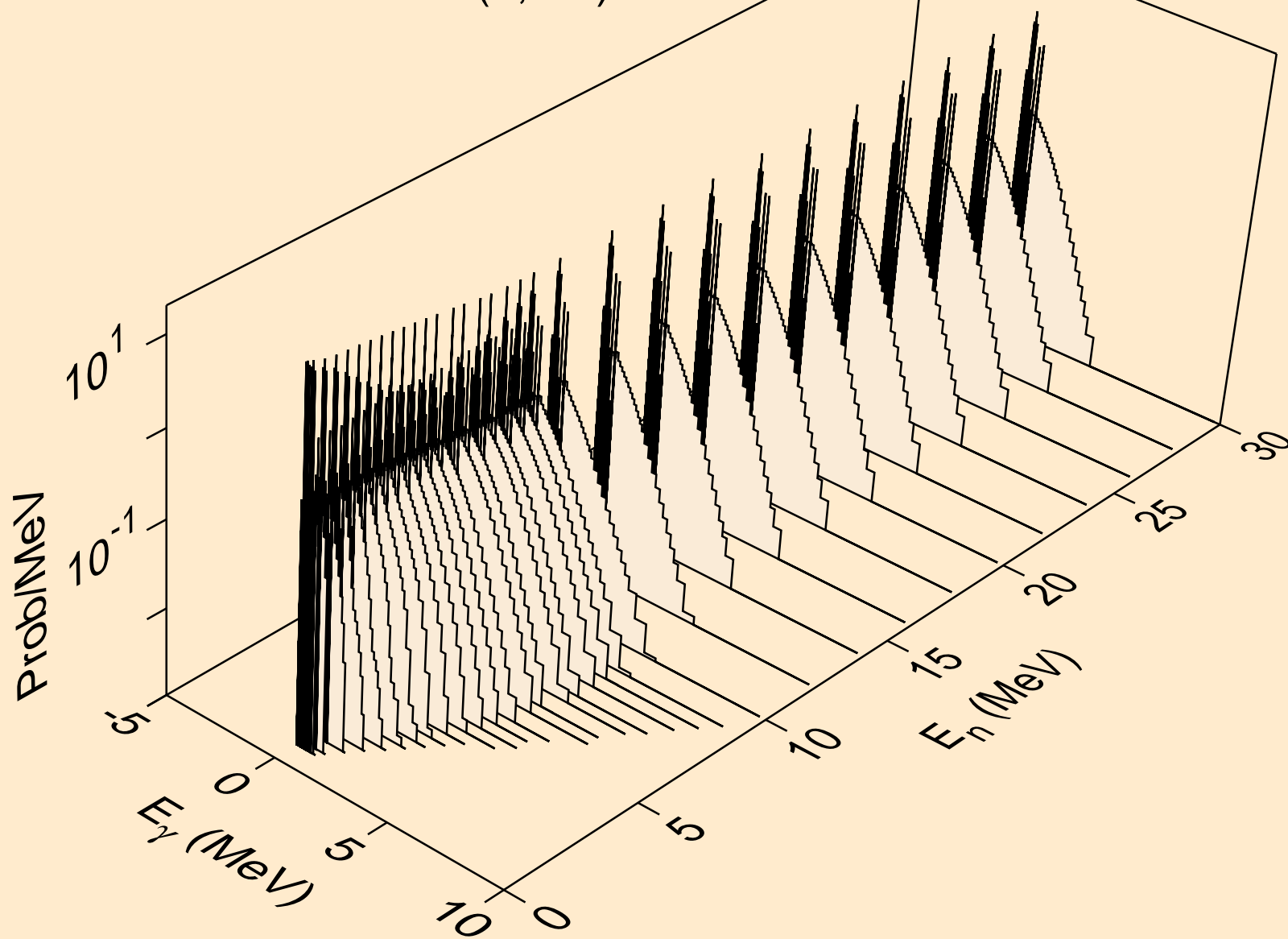
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



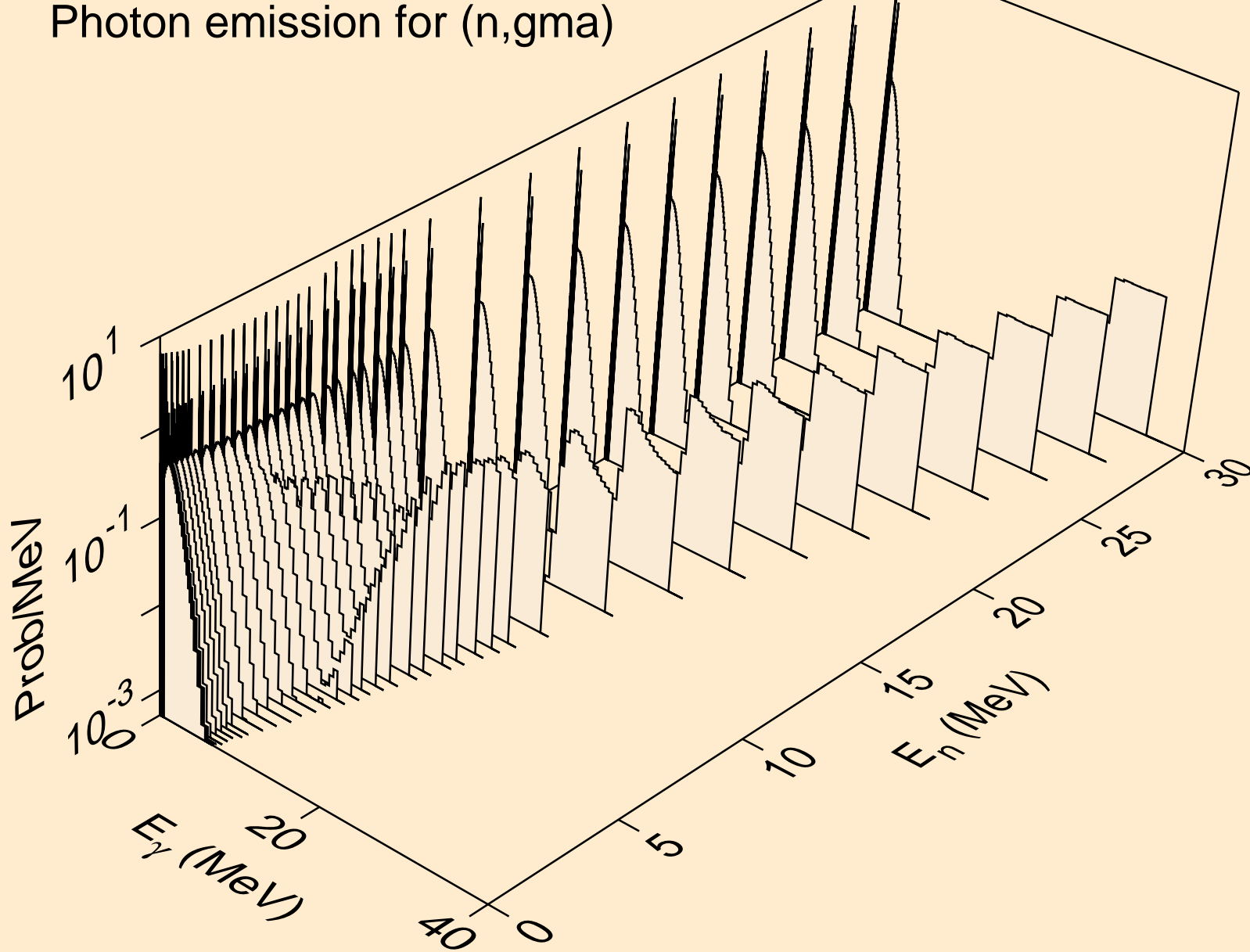
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



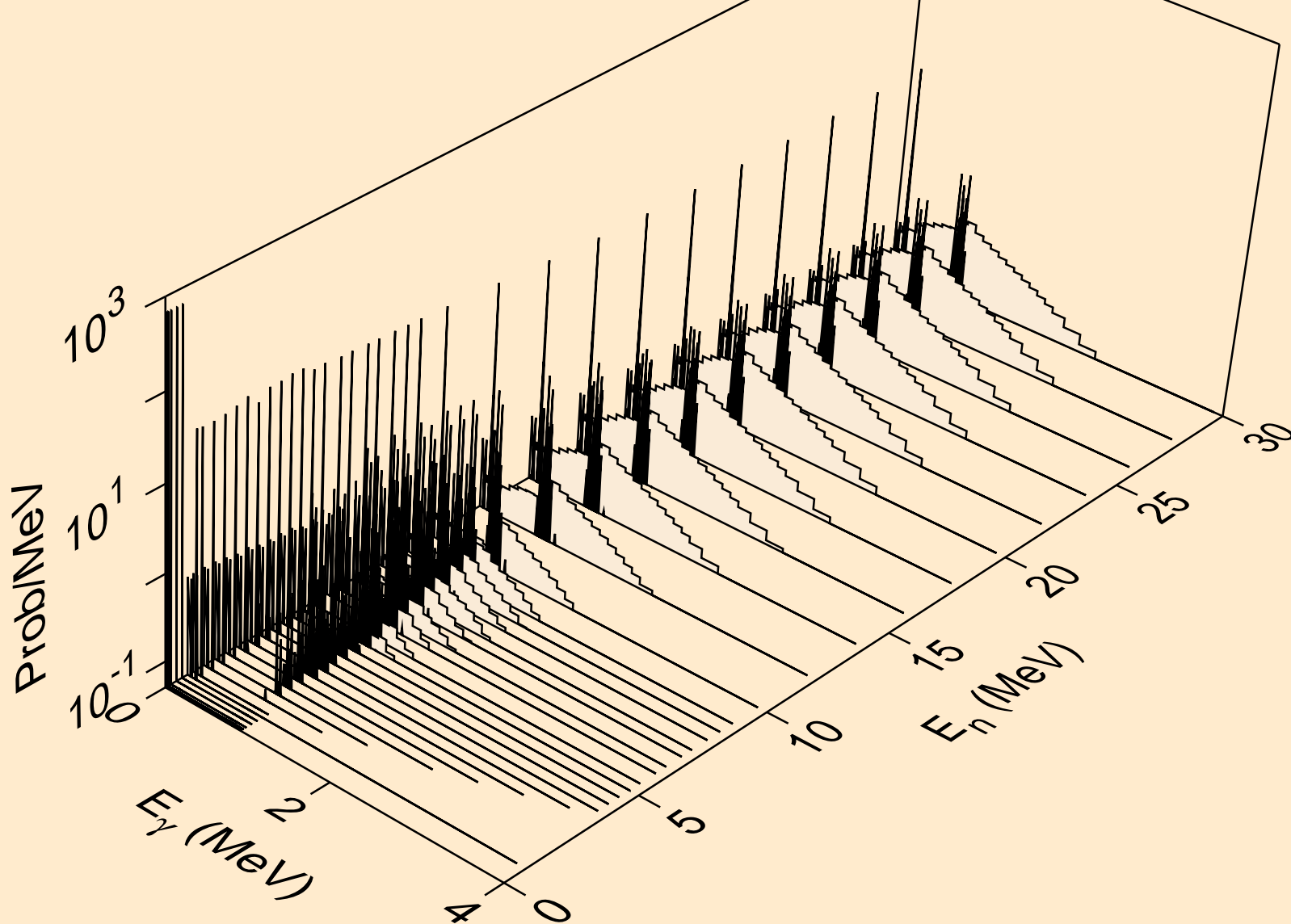
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



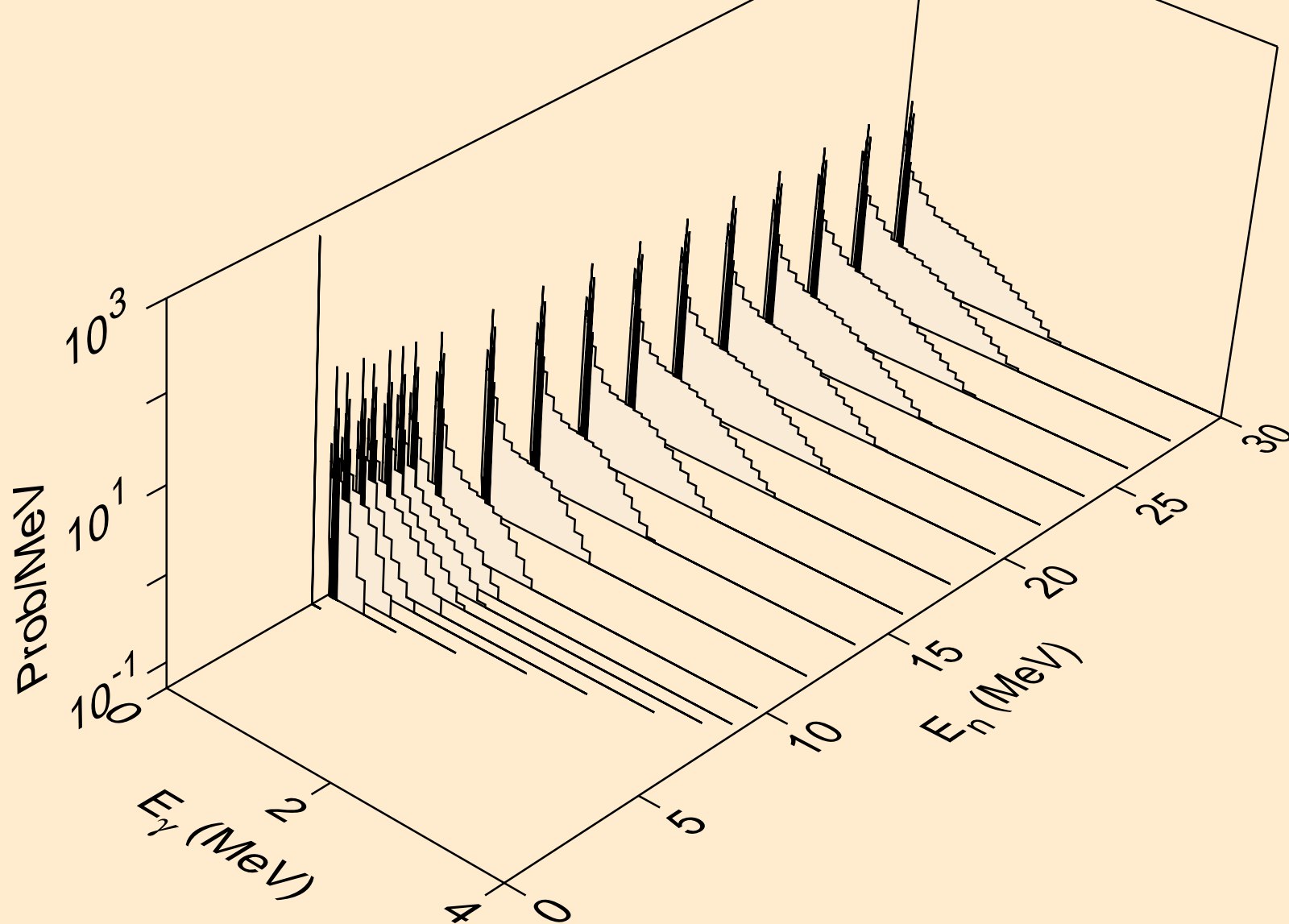
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



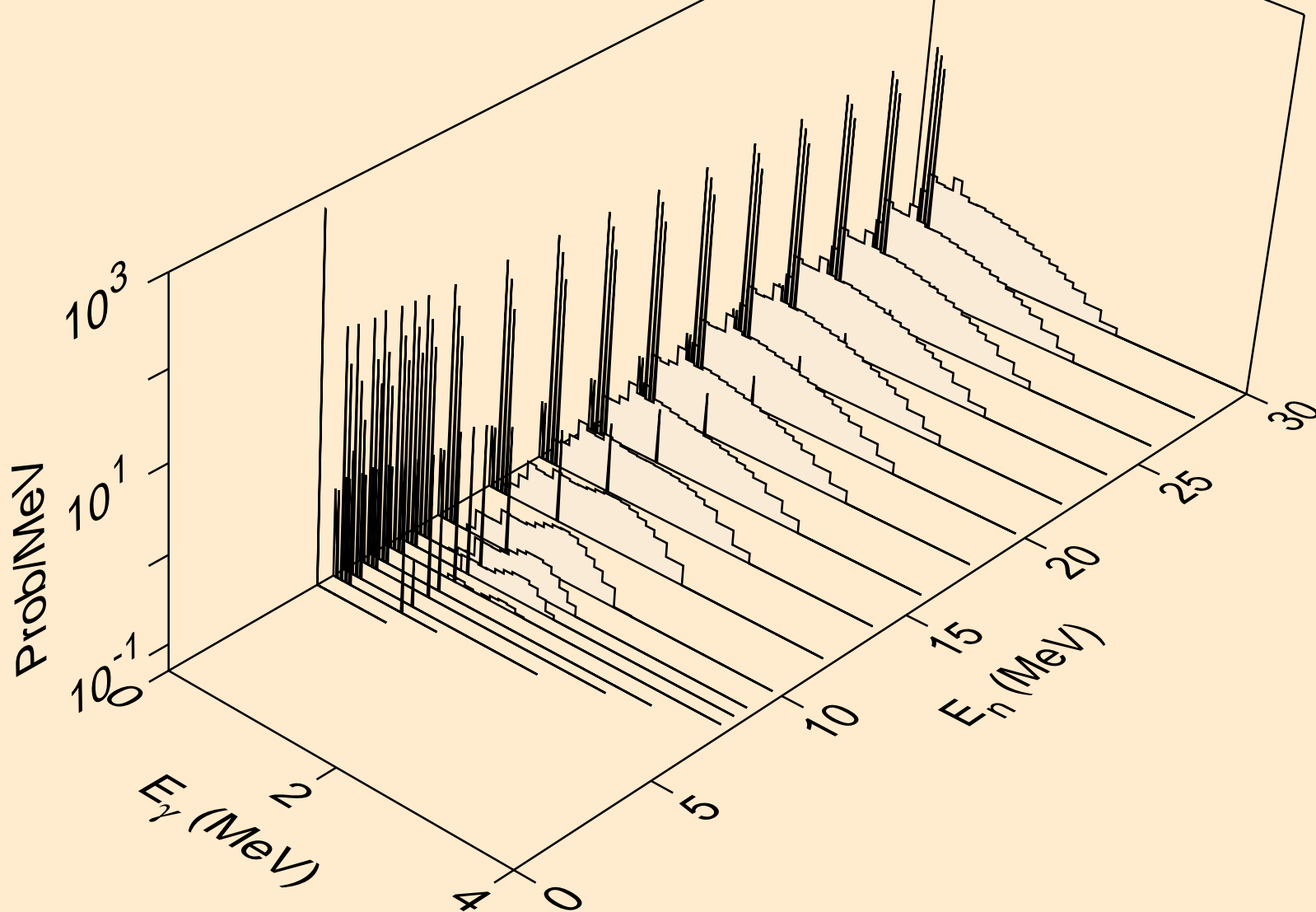
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



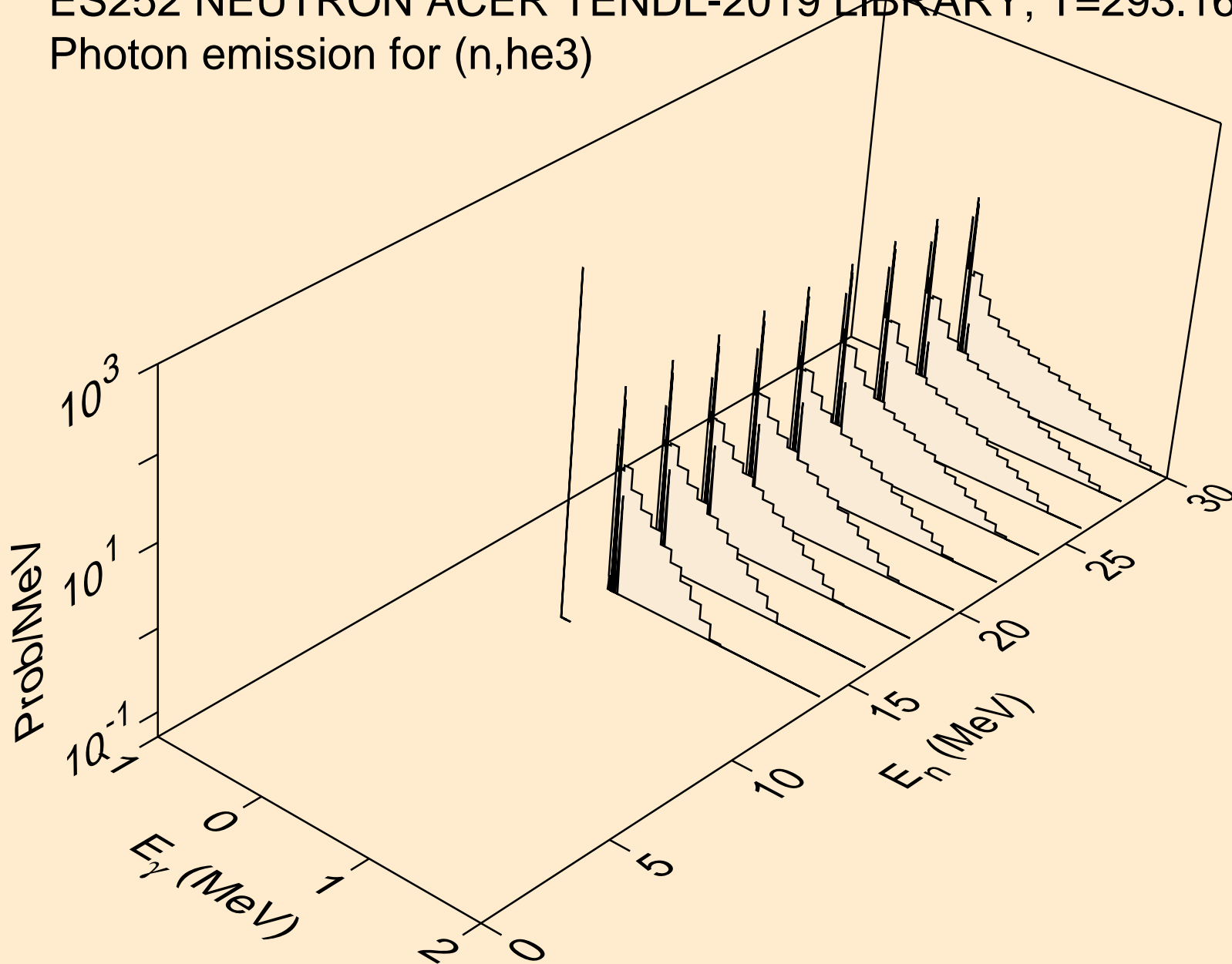
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



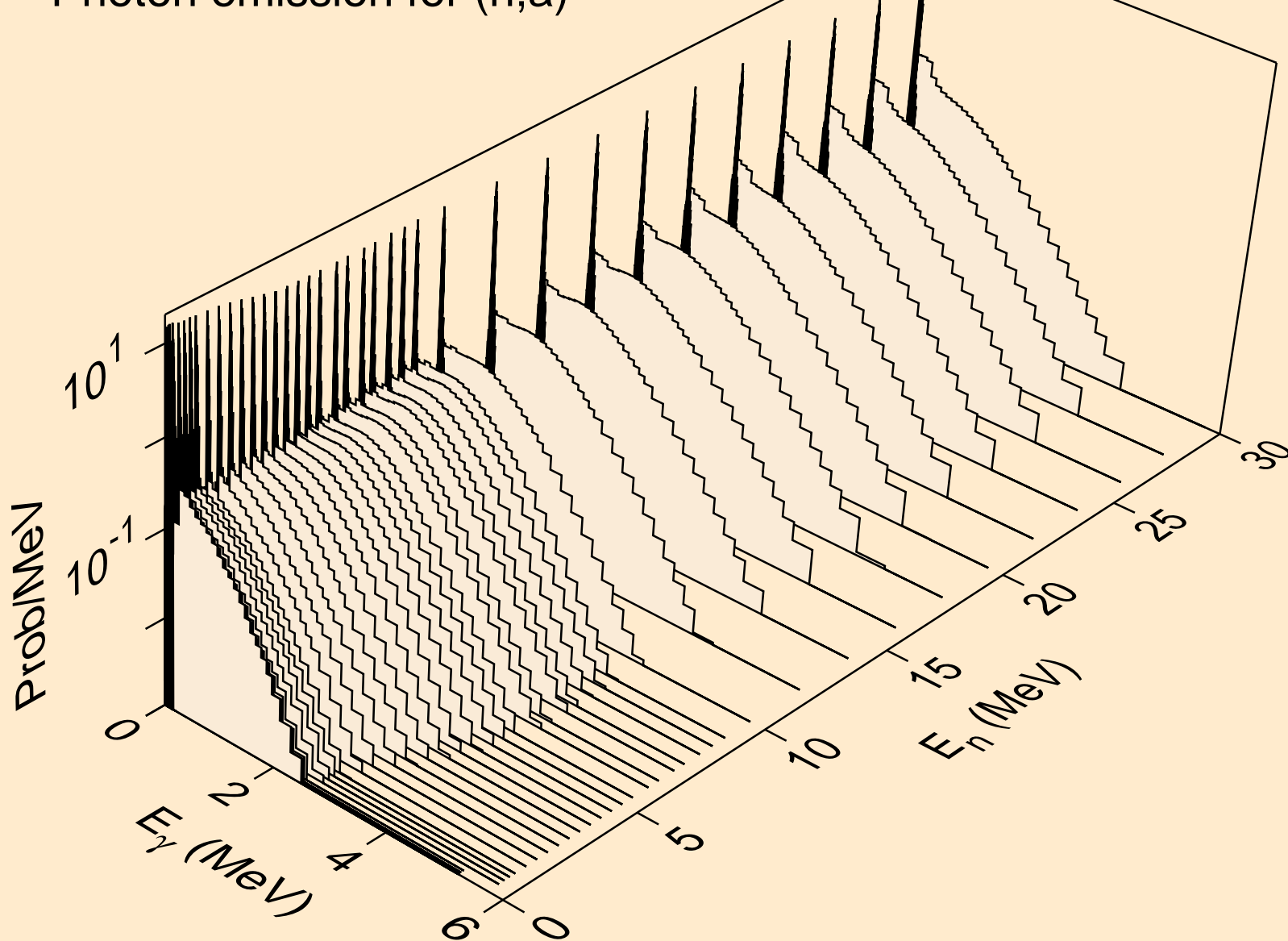
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



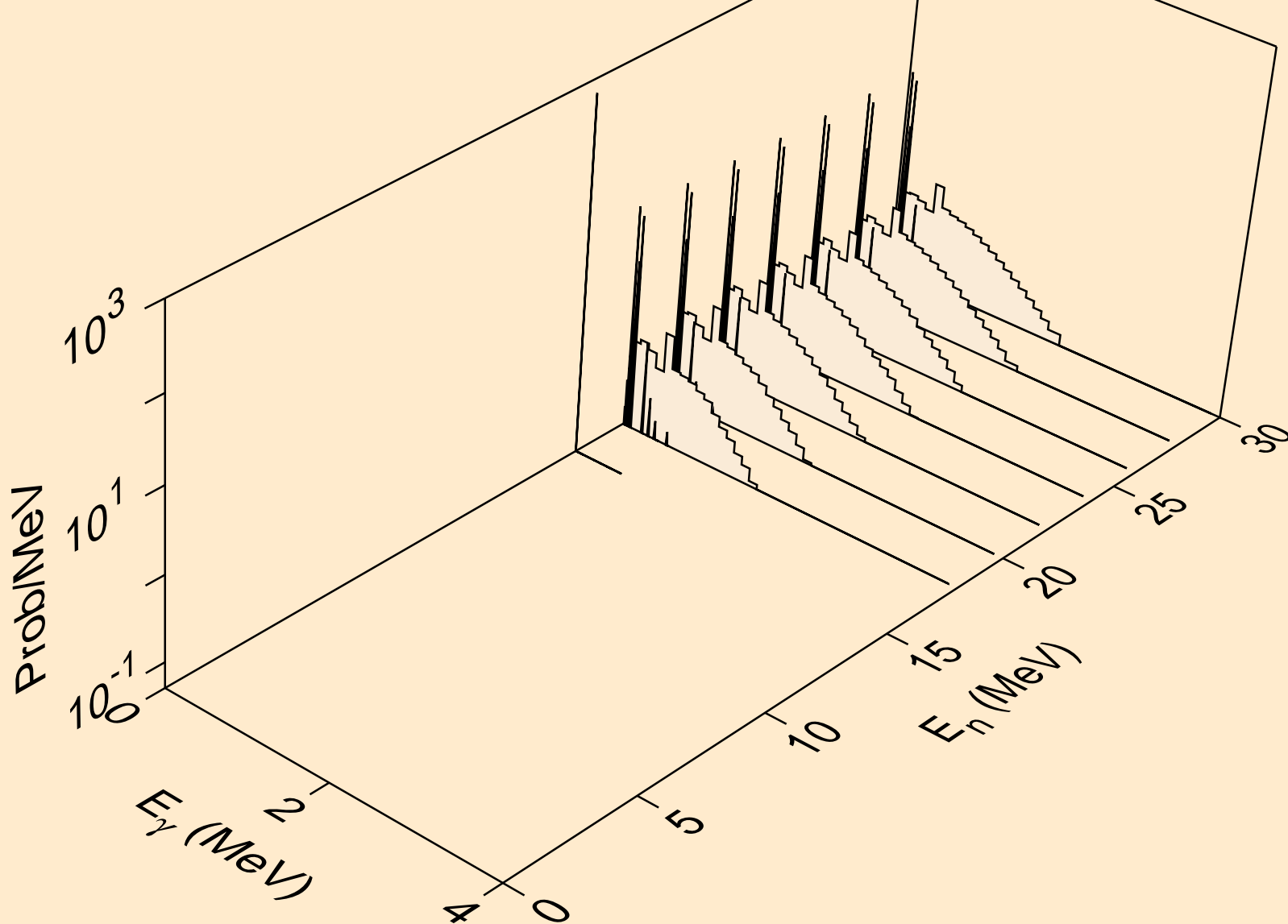
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



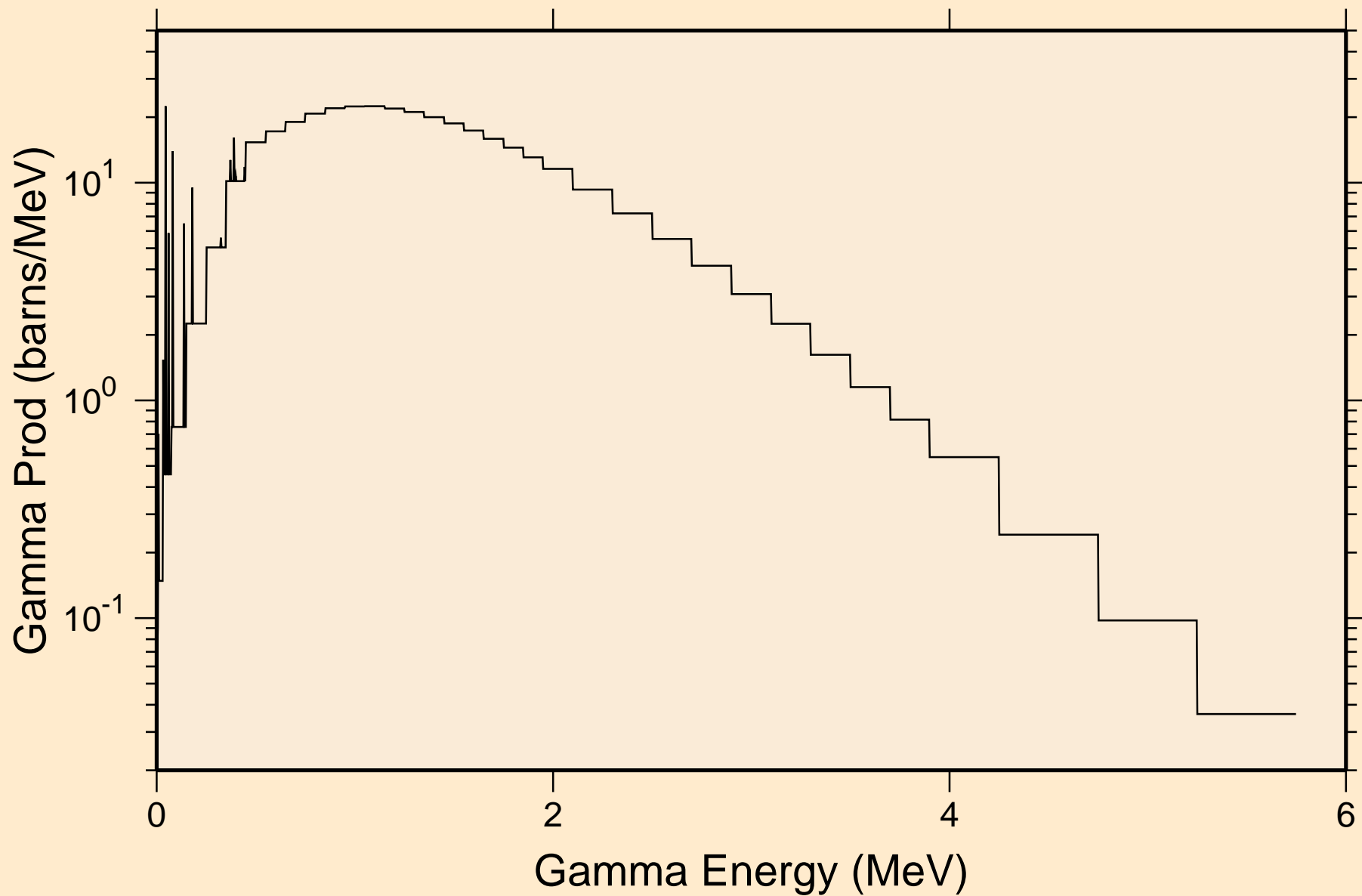
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



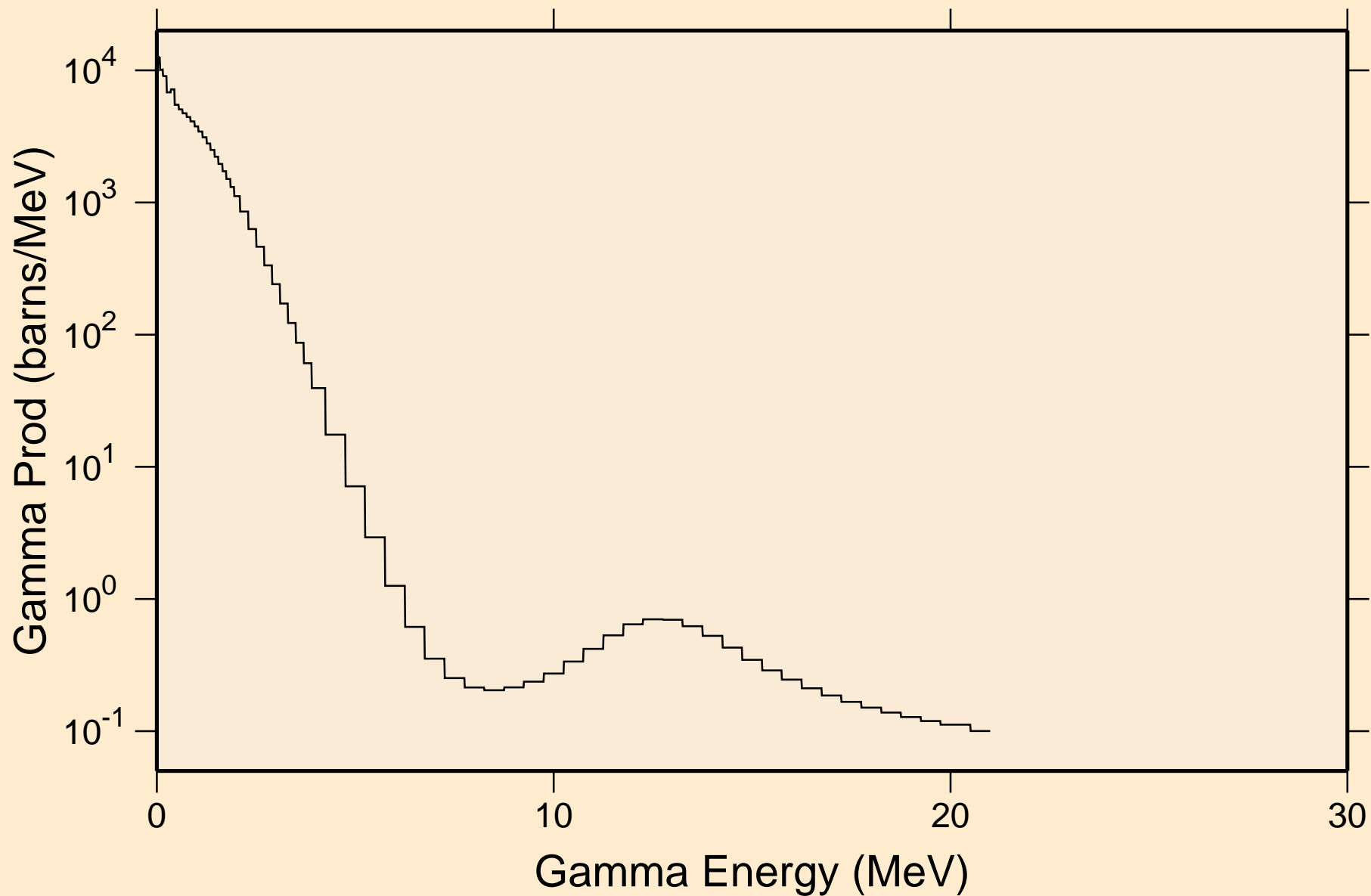
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

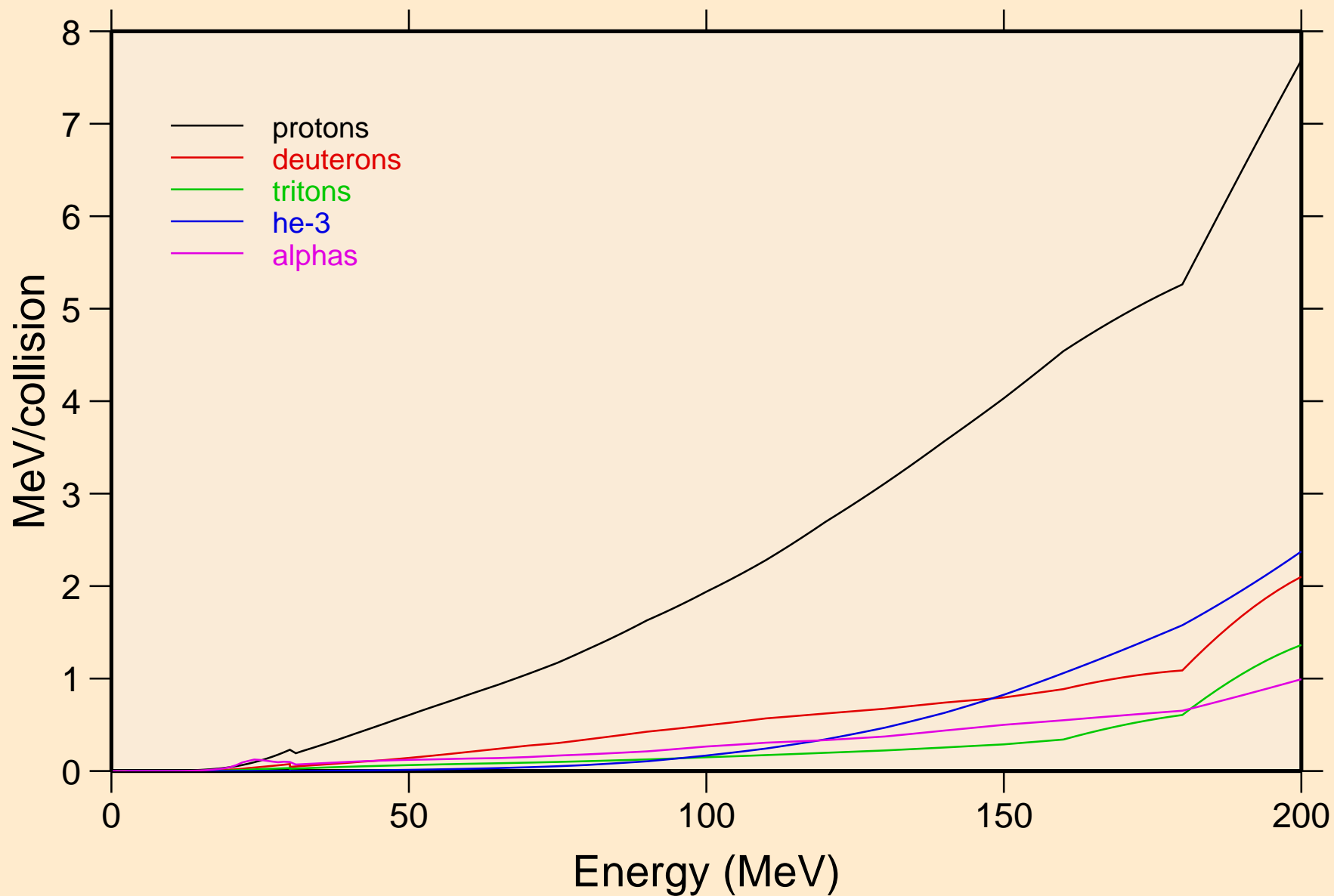


ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

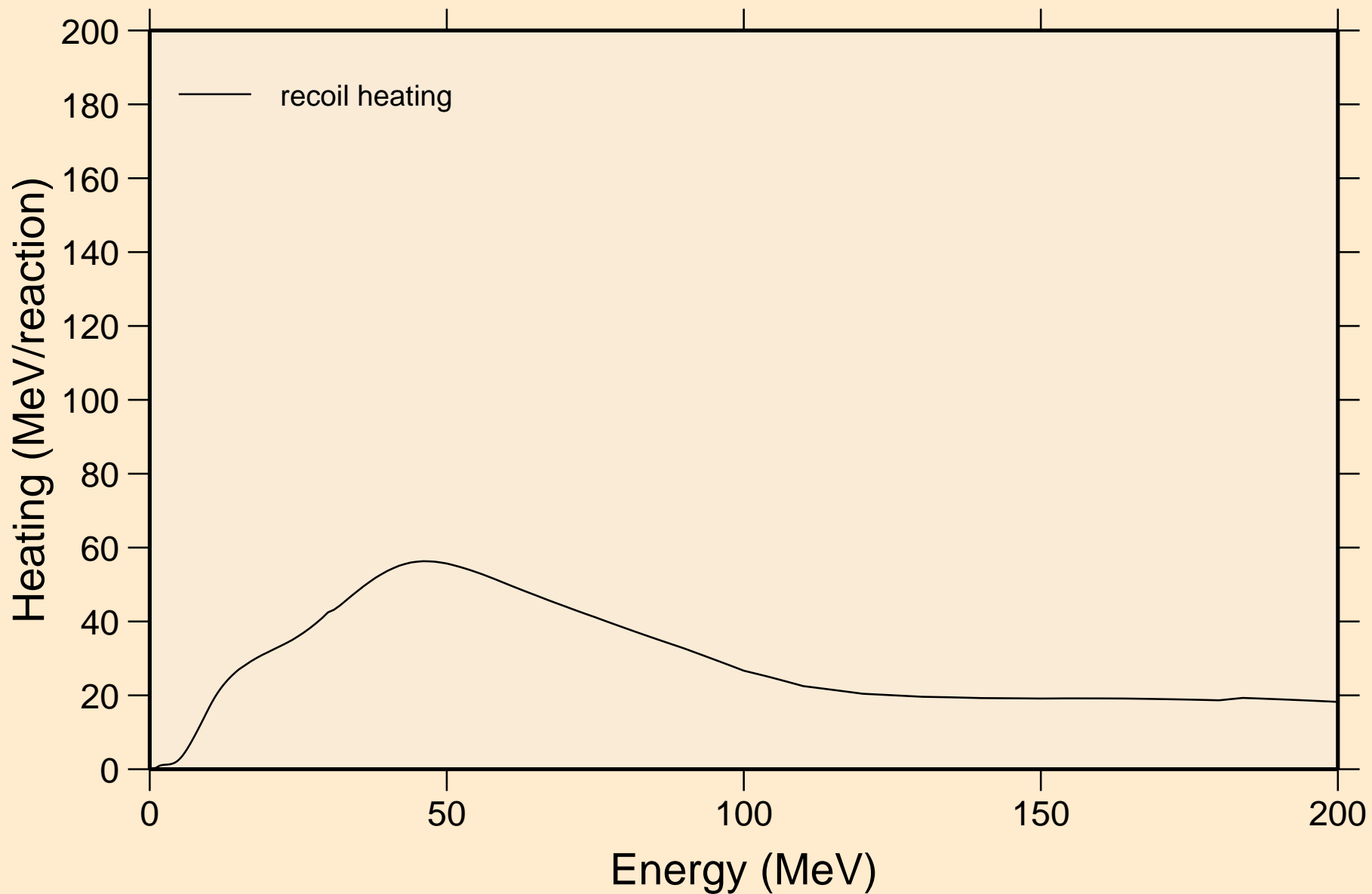


ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

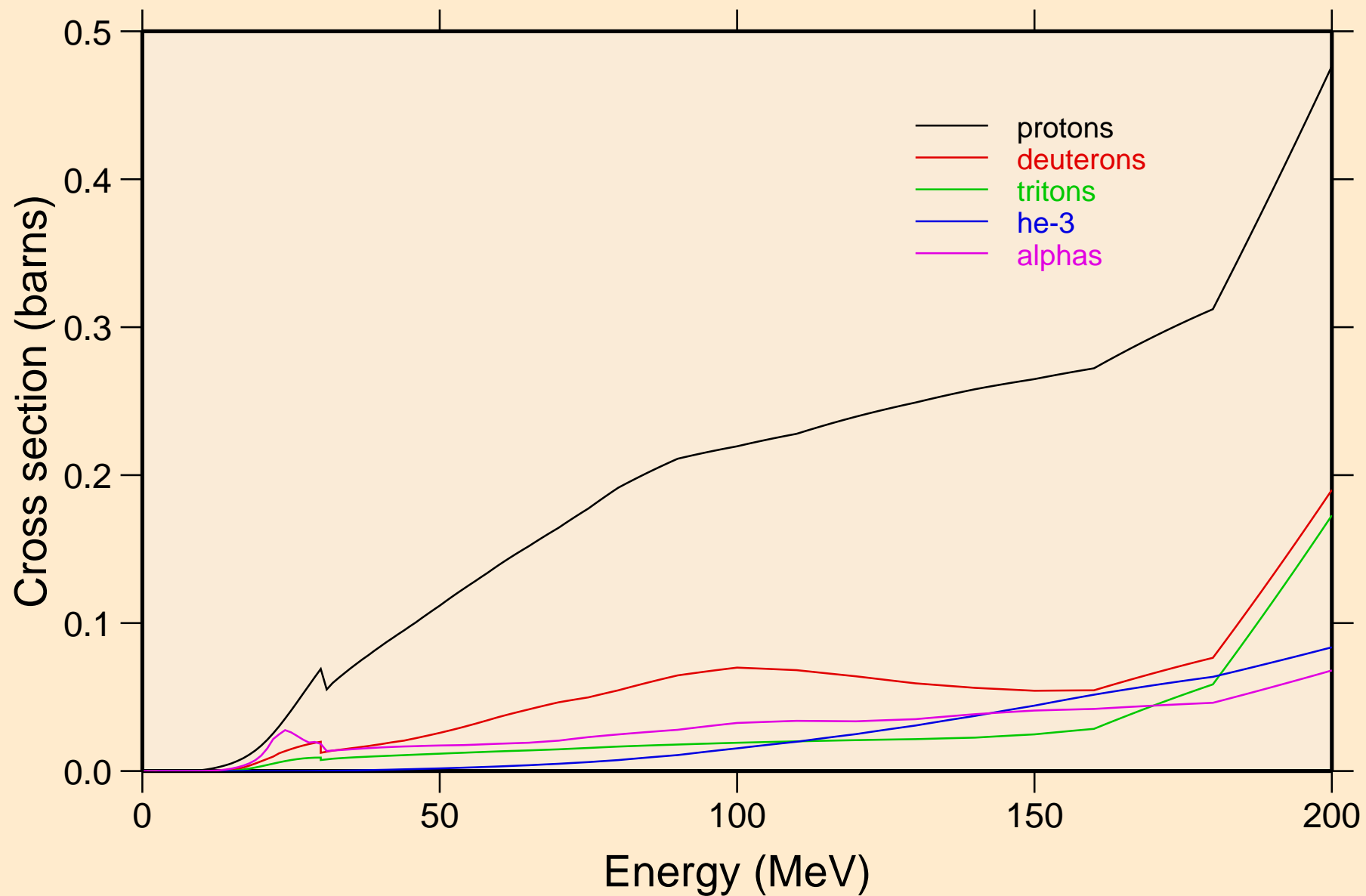
Particle heating contributions



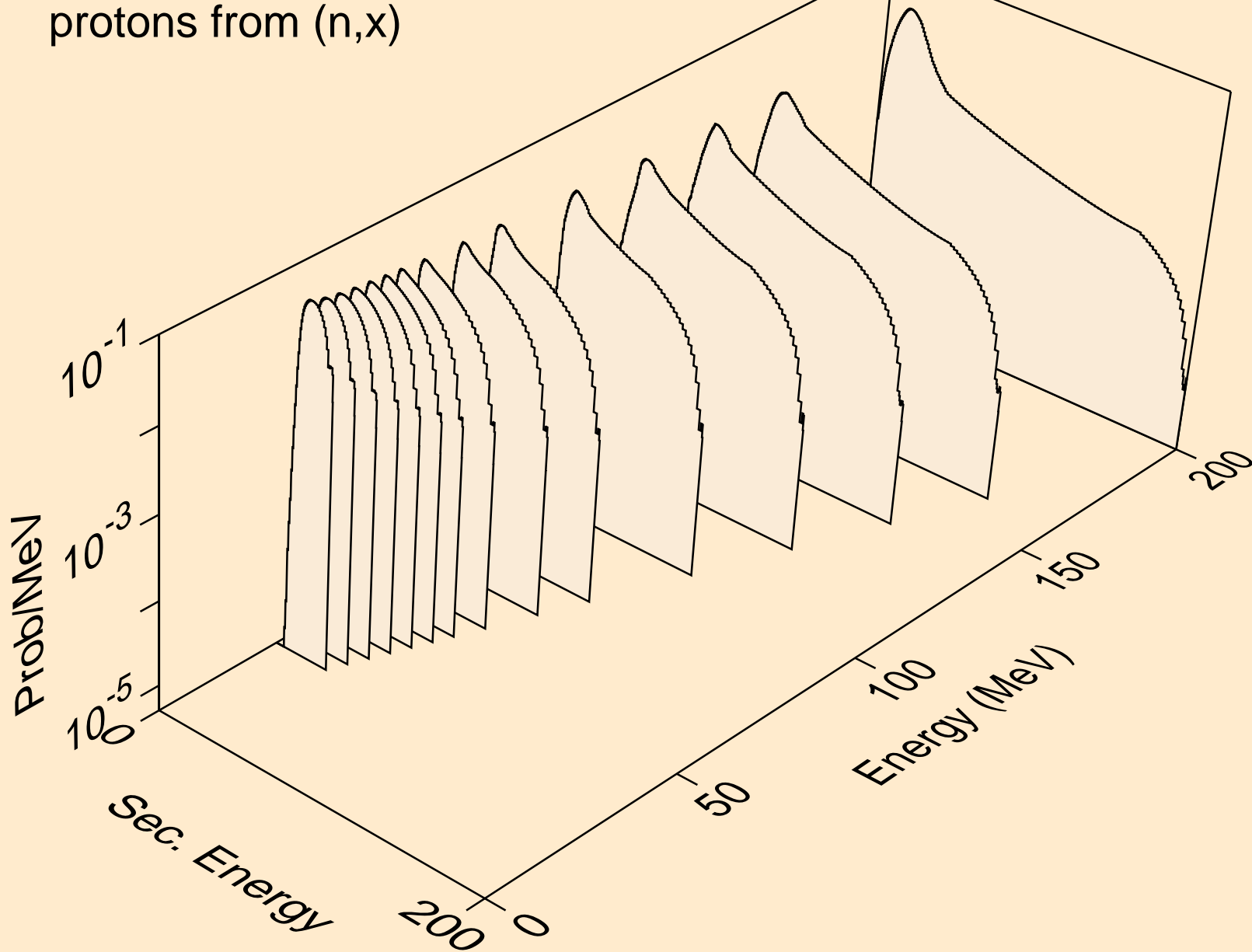
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



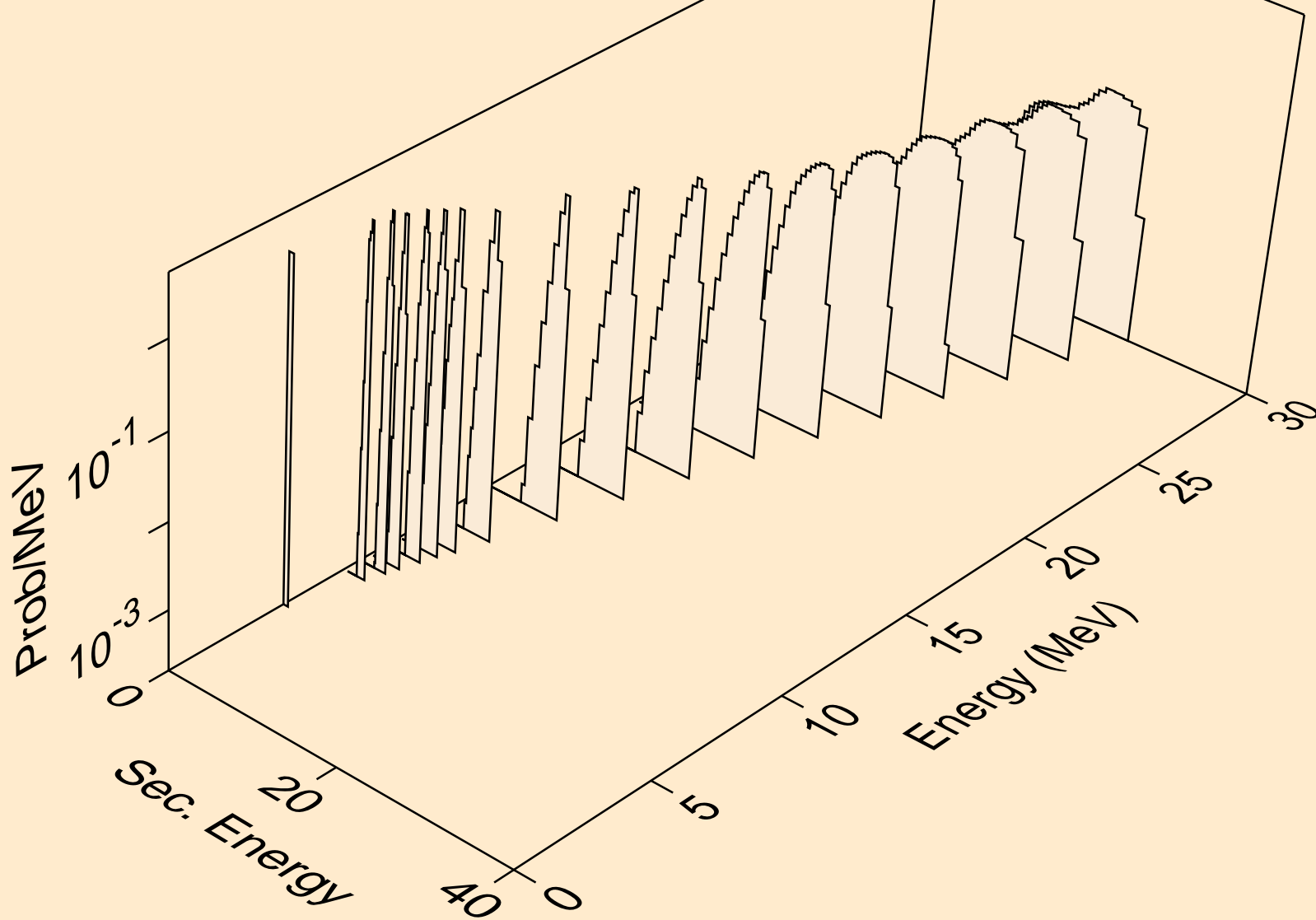
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



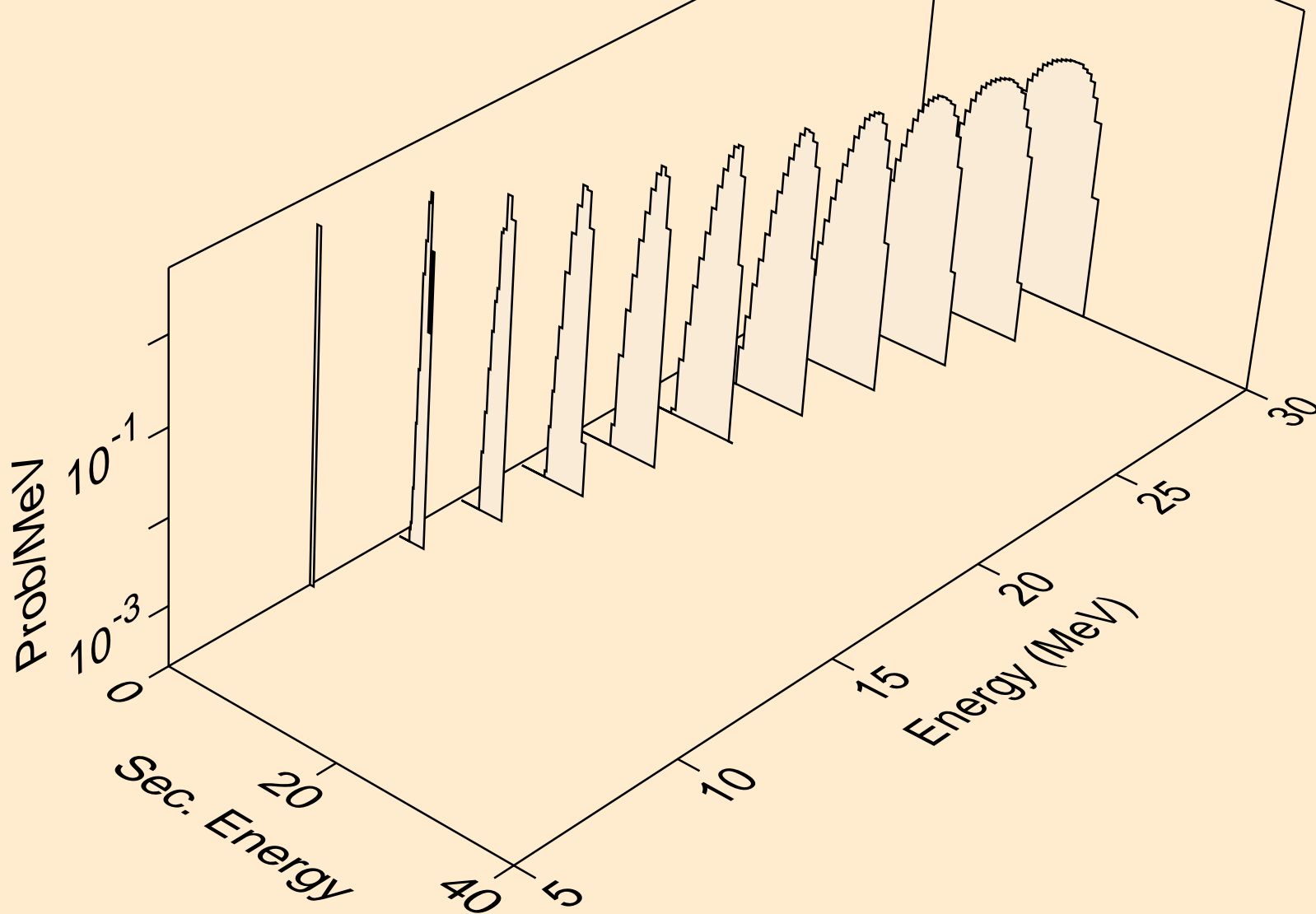
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



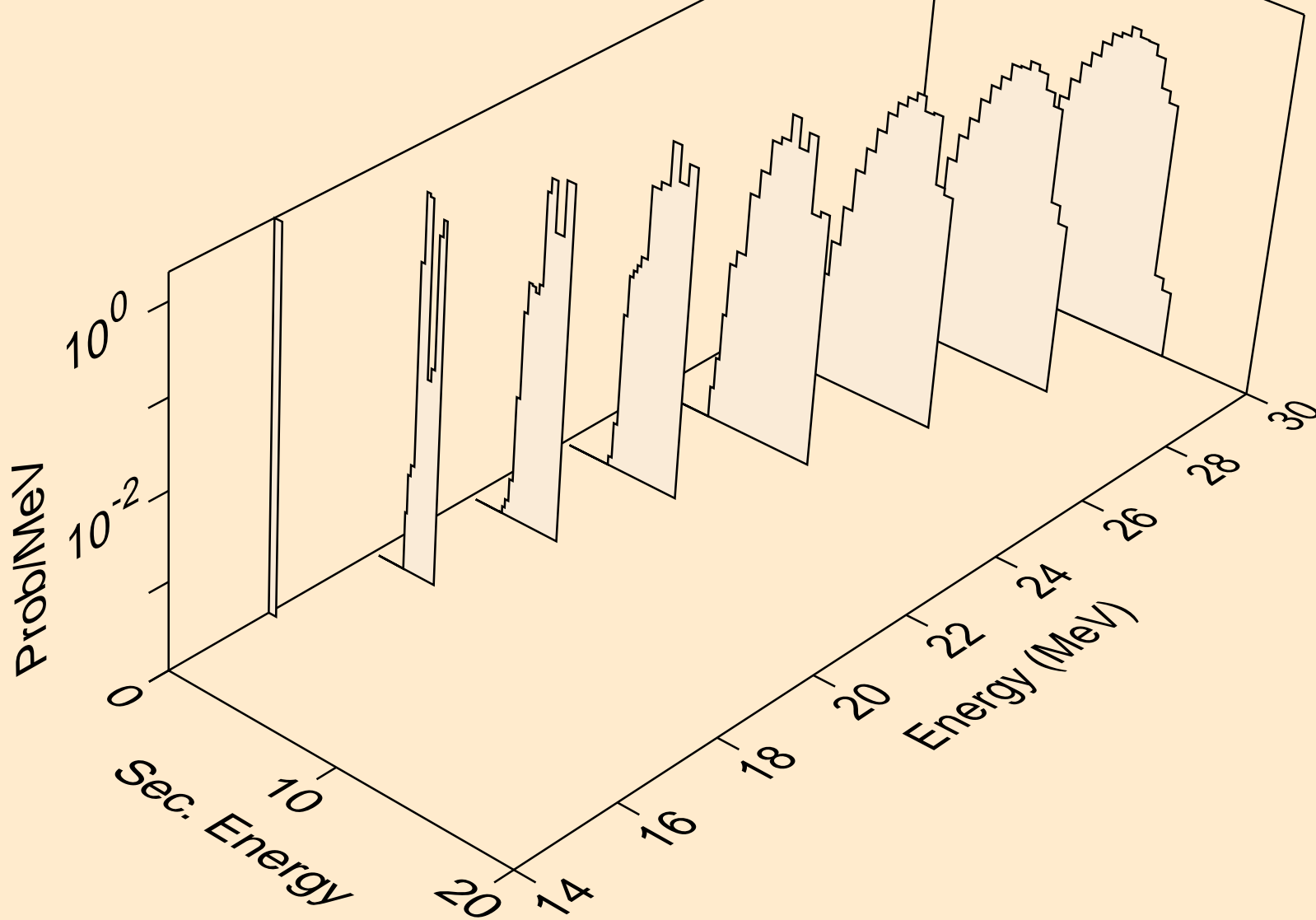
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



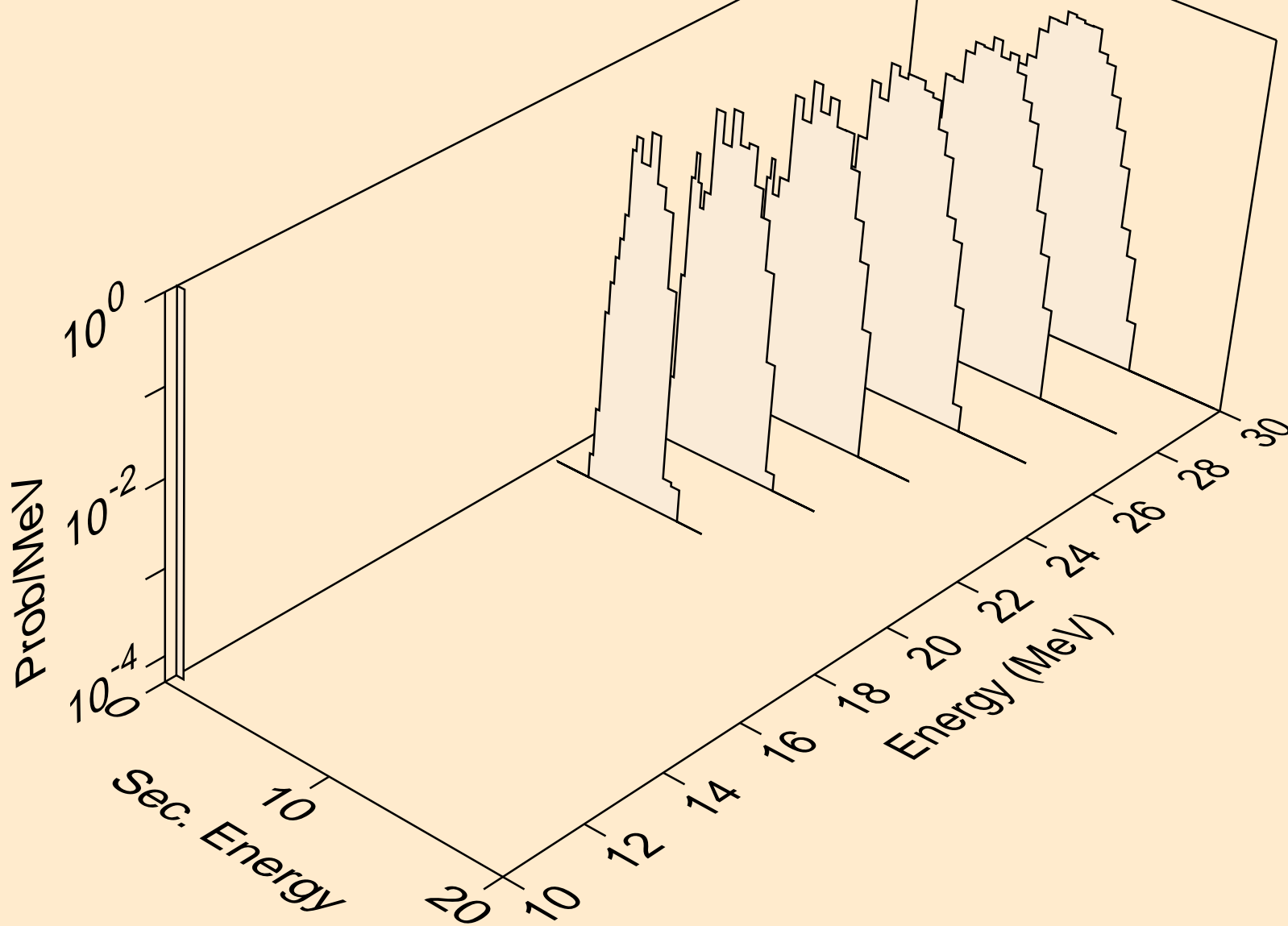
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



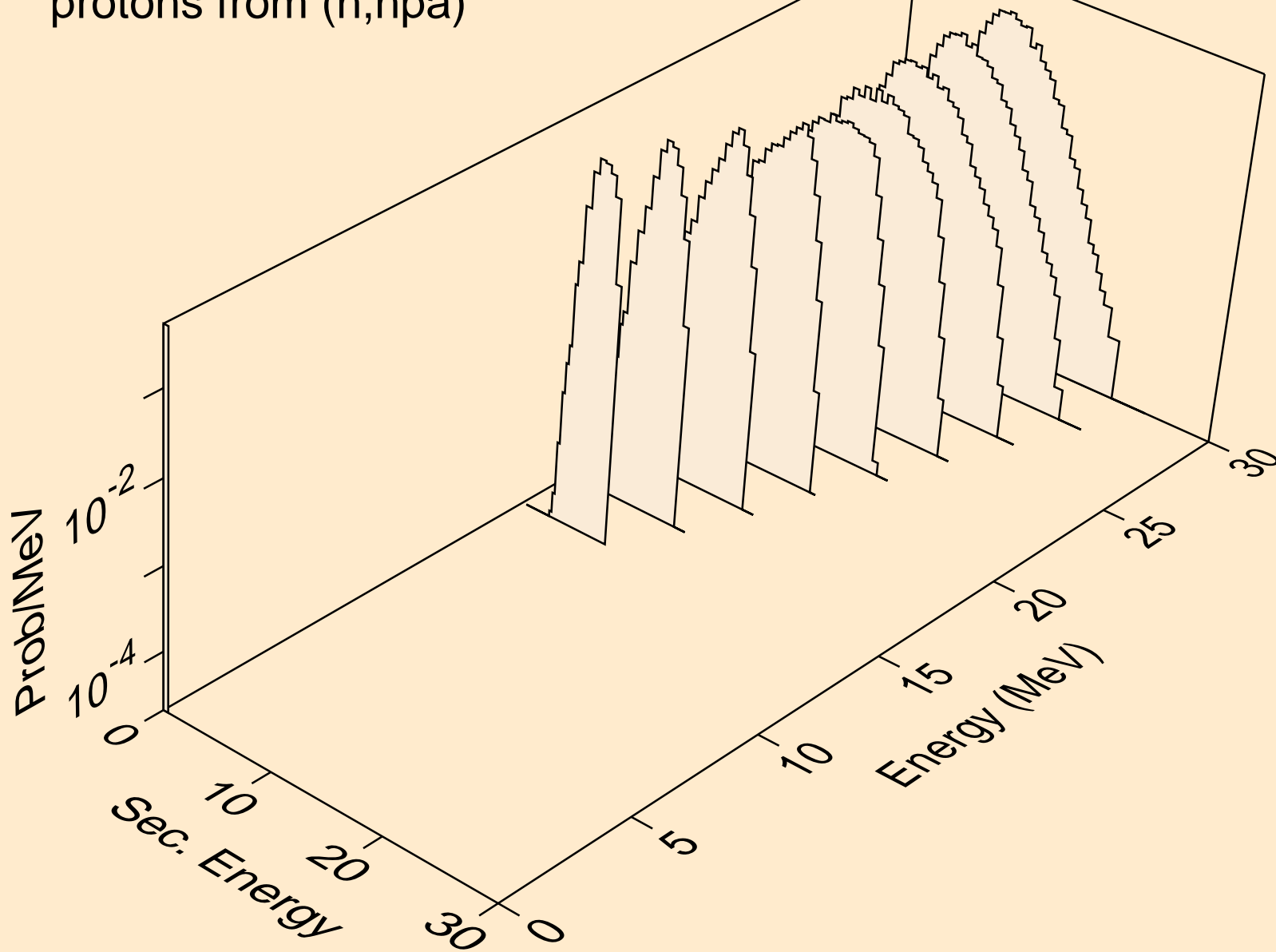
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



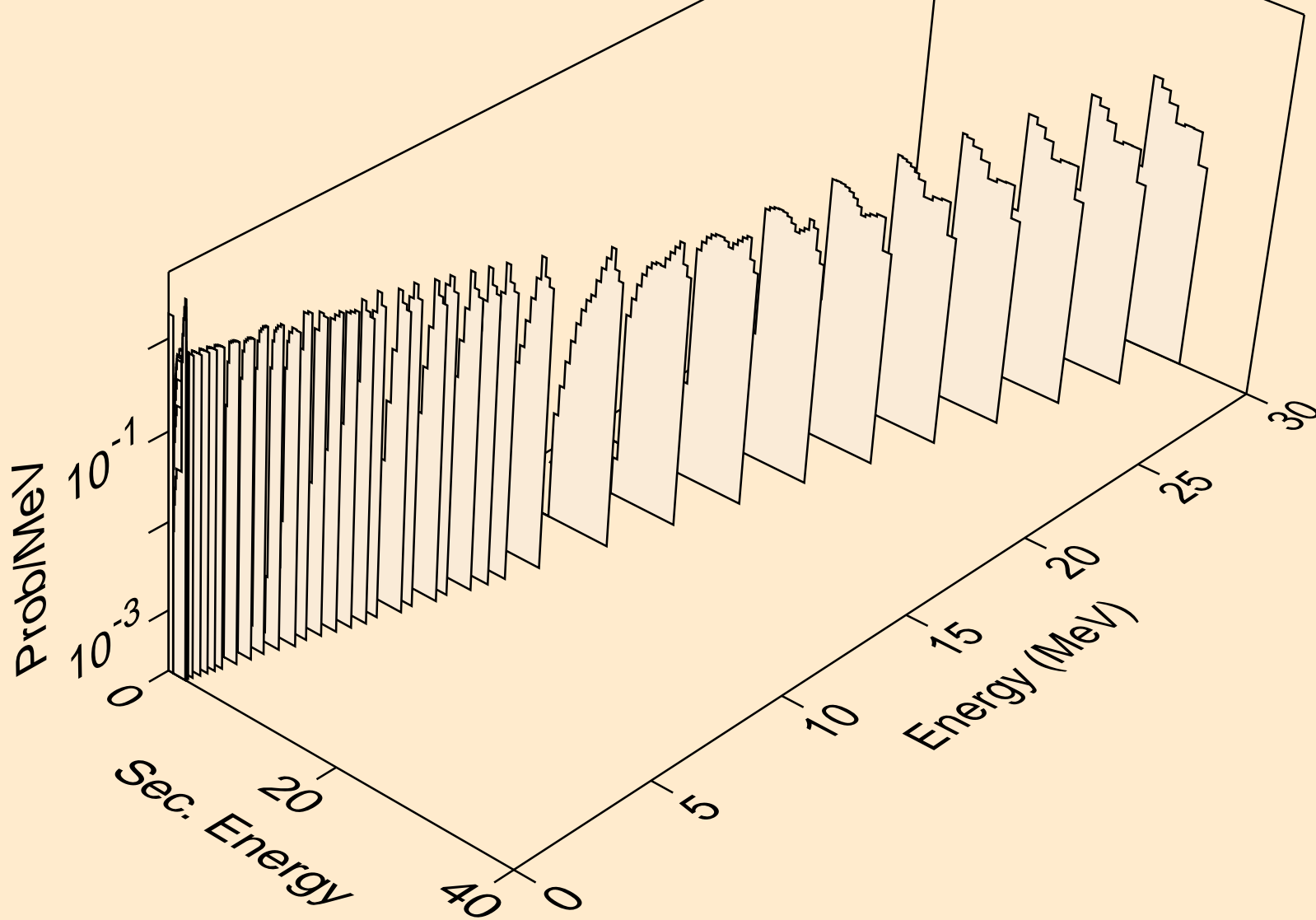
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



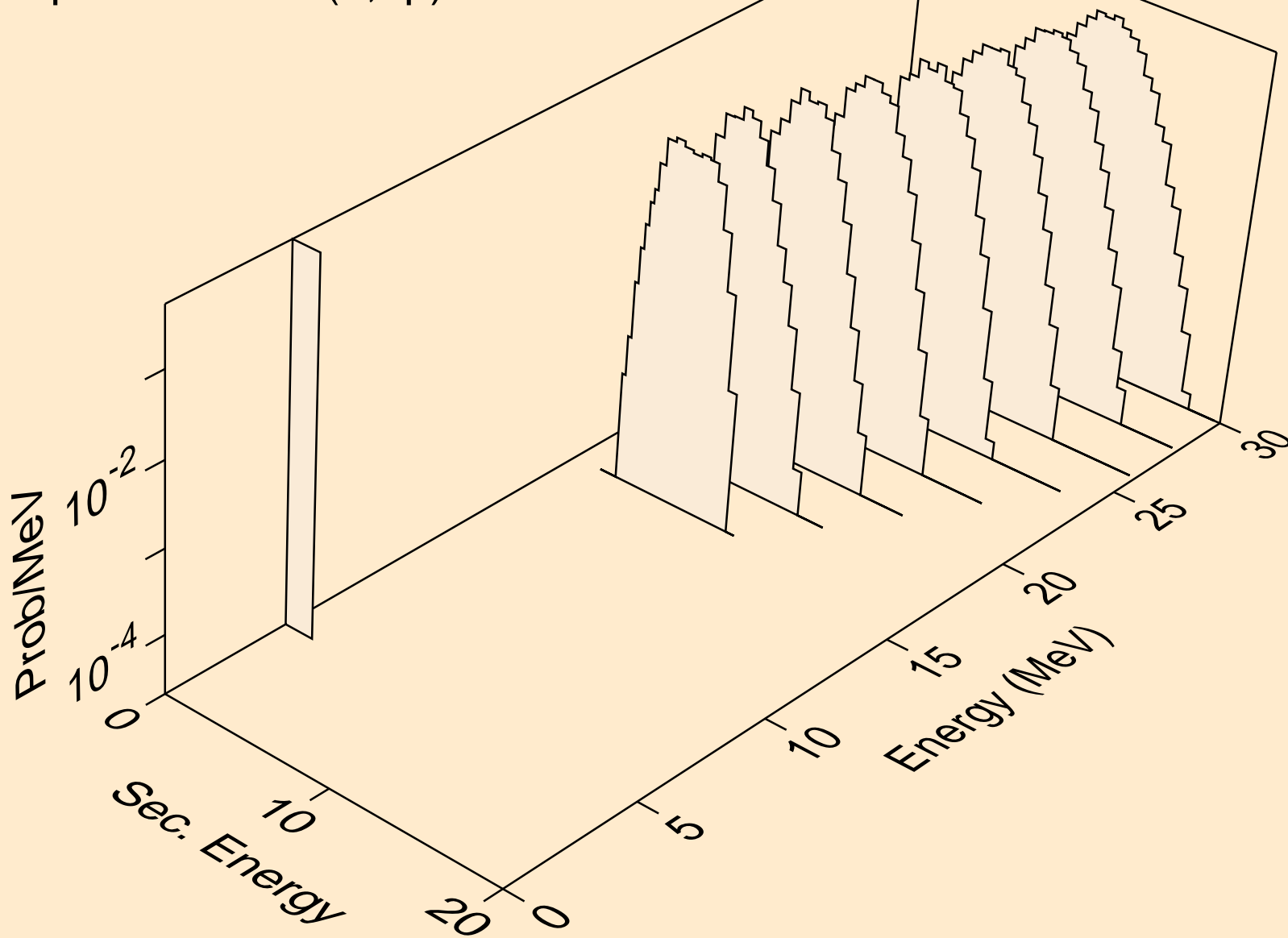
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



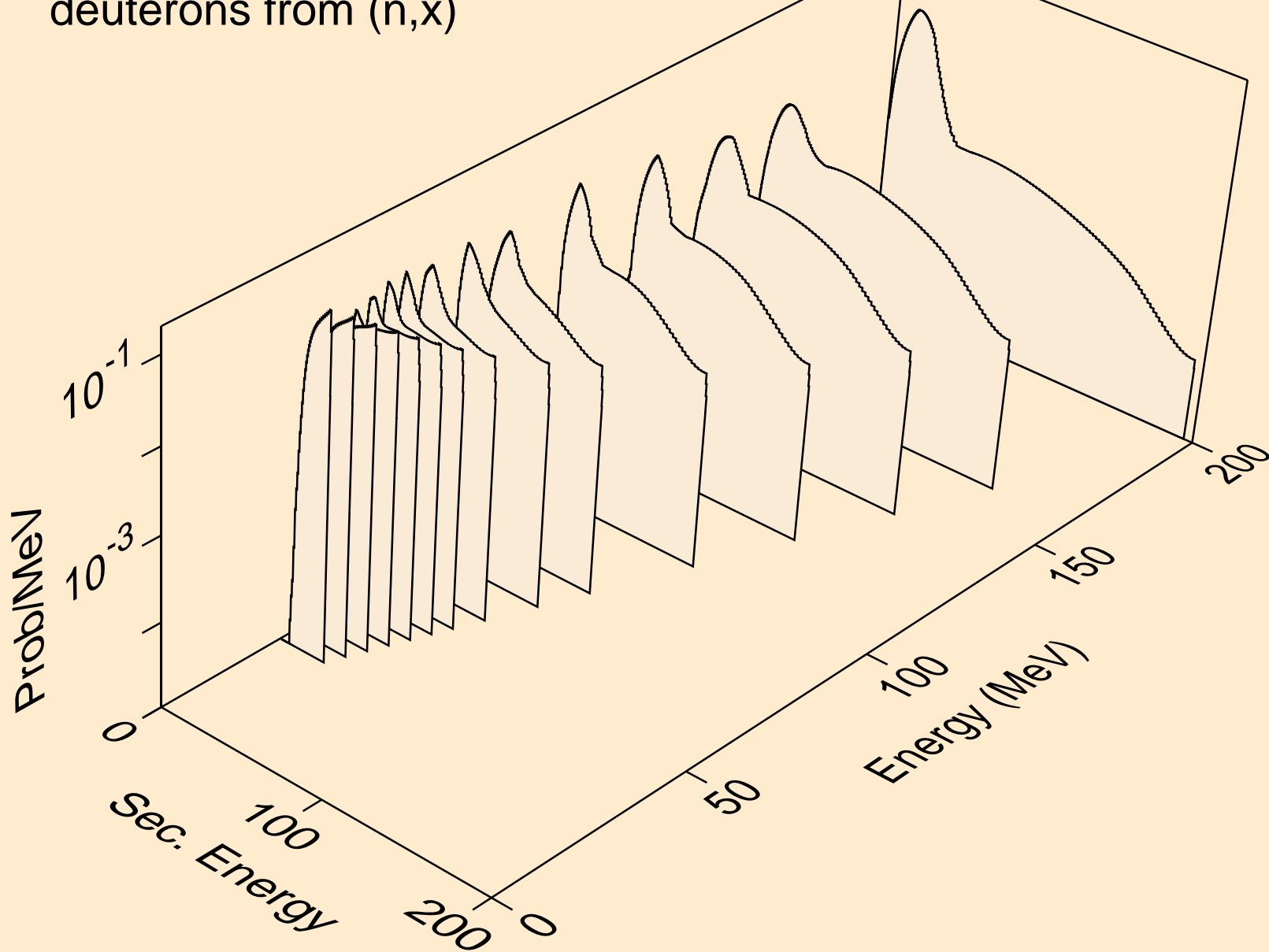
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



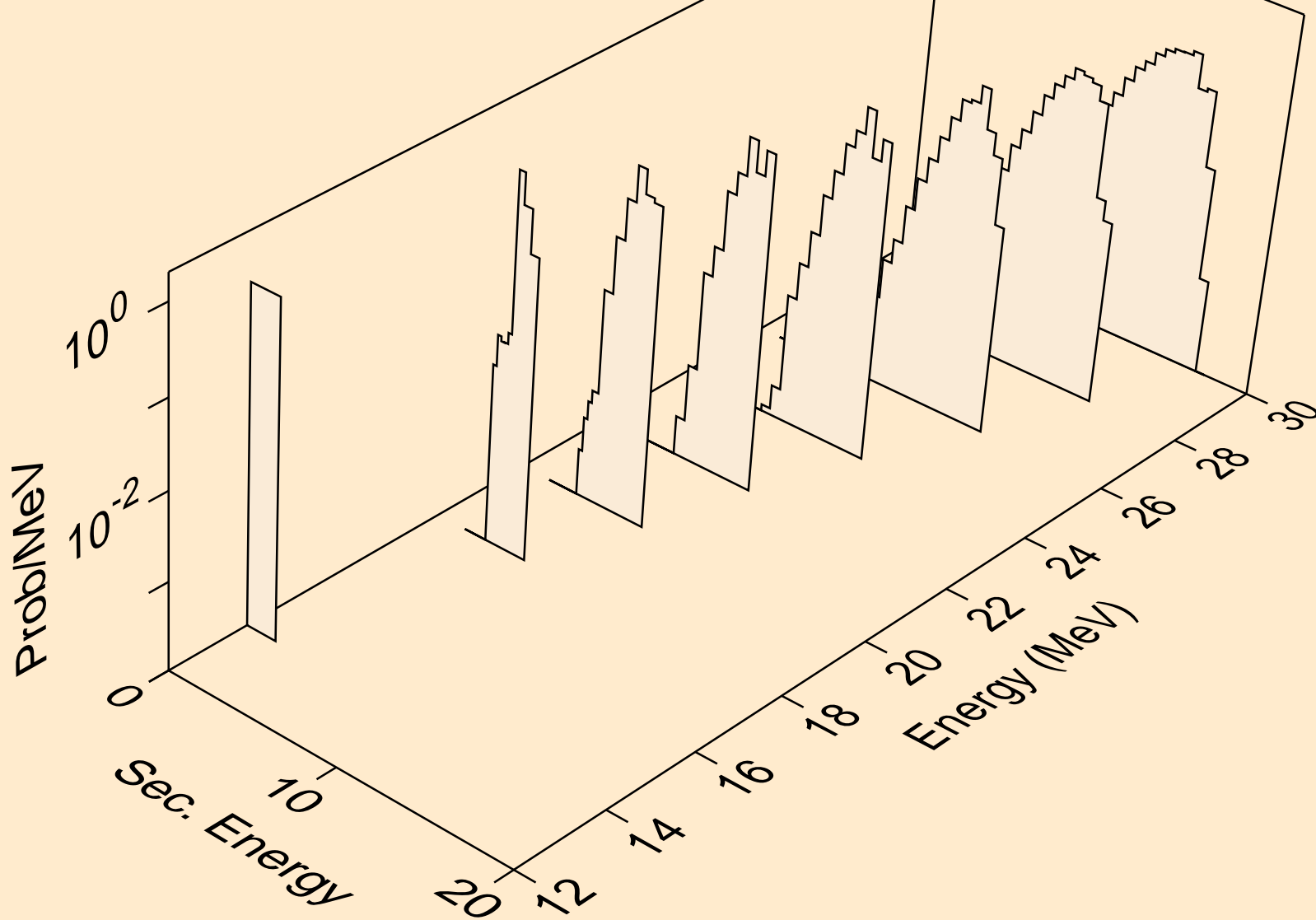
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



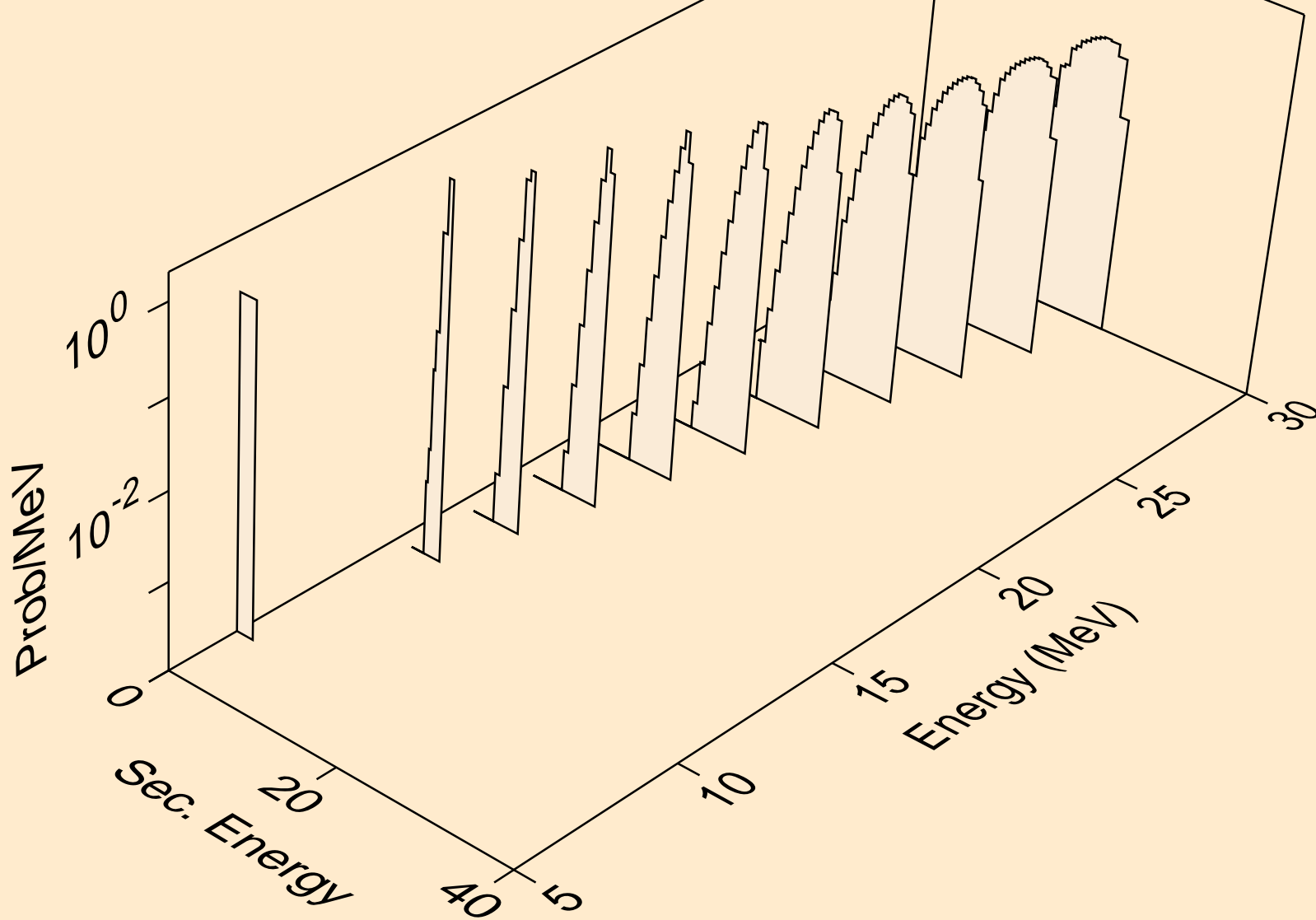
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



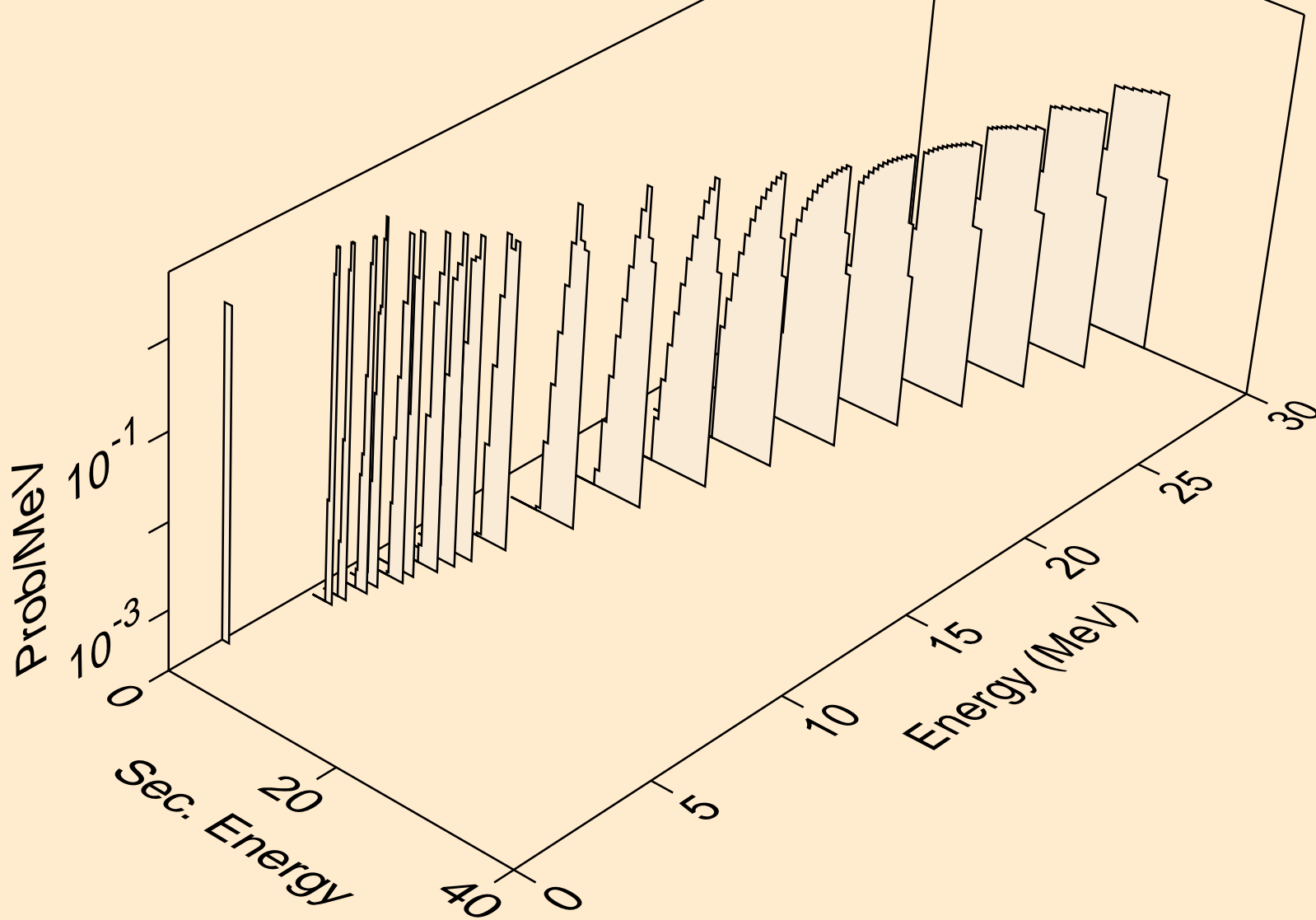
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



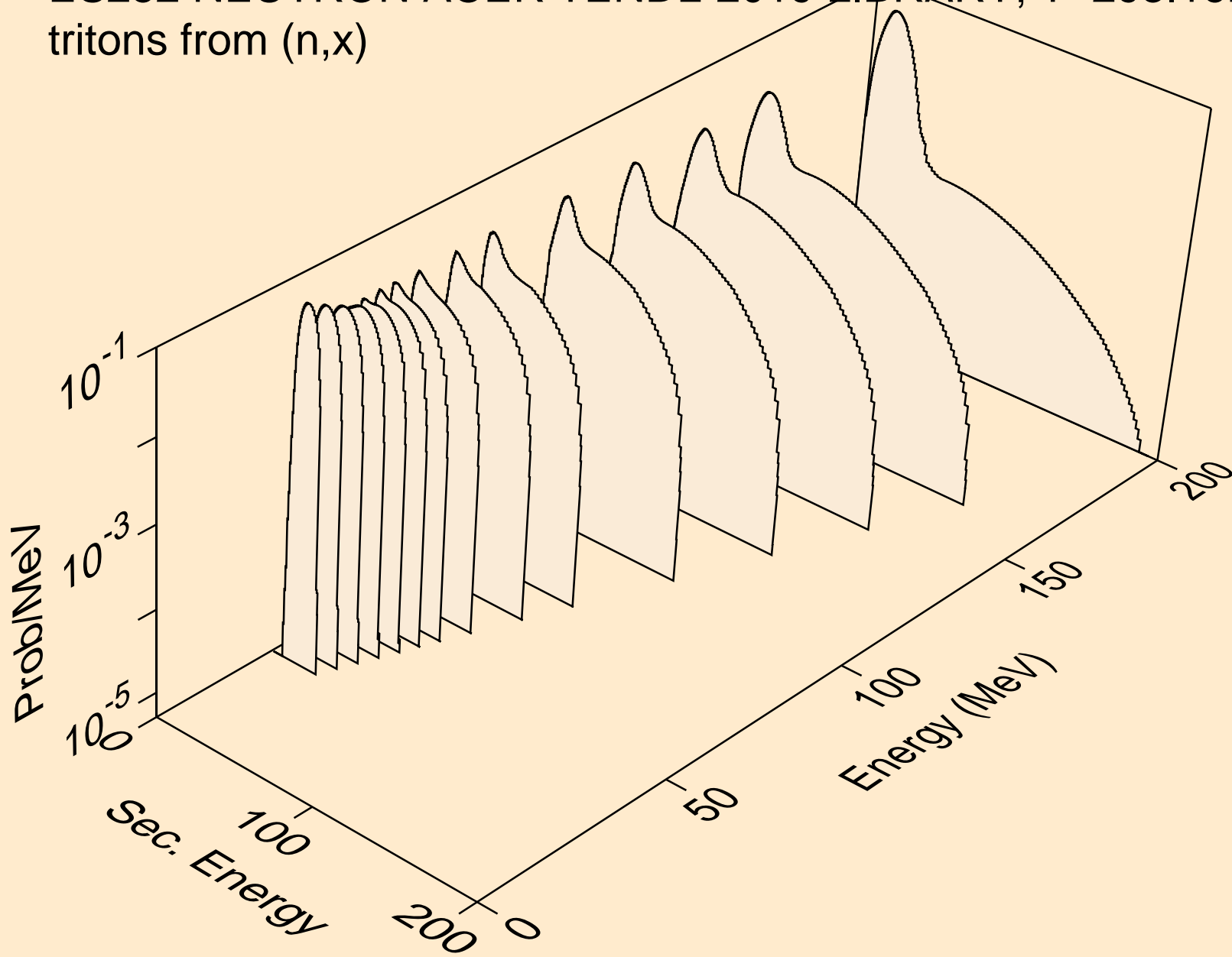
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



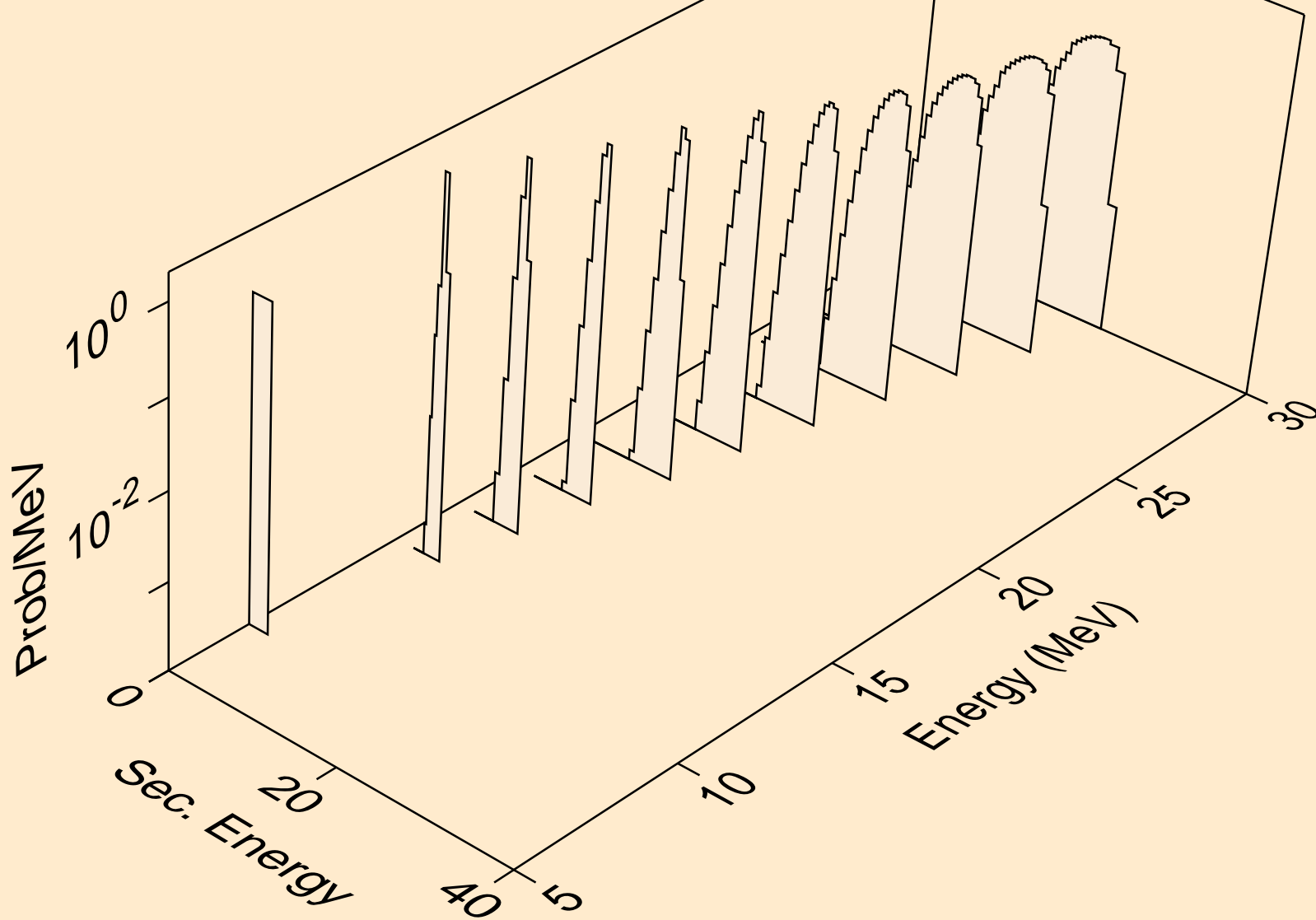
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



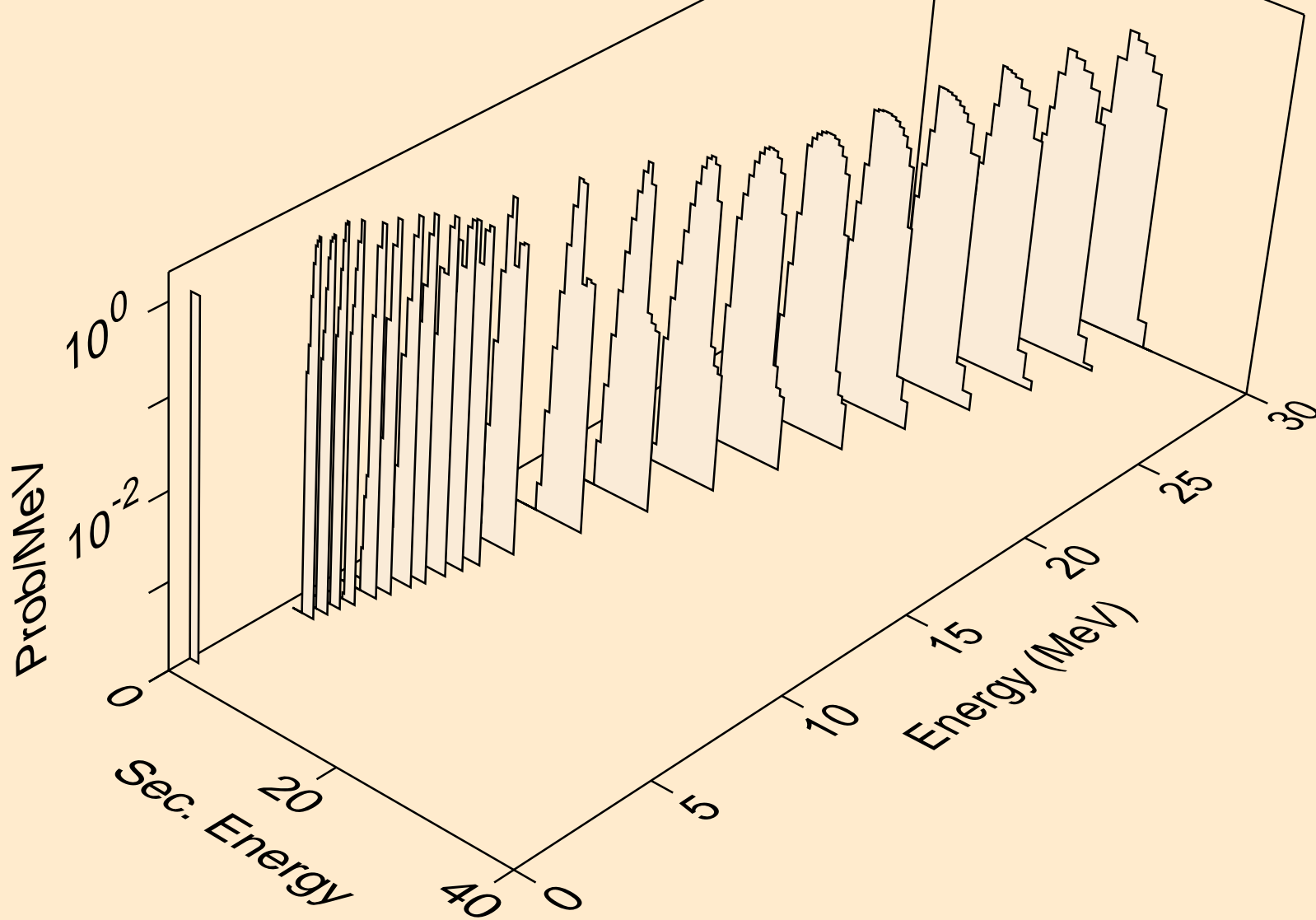
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



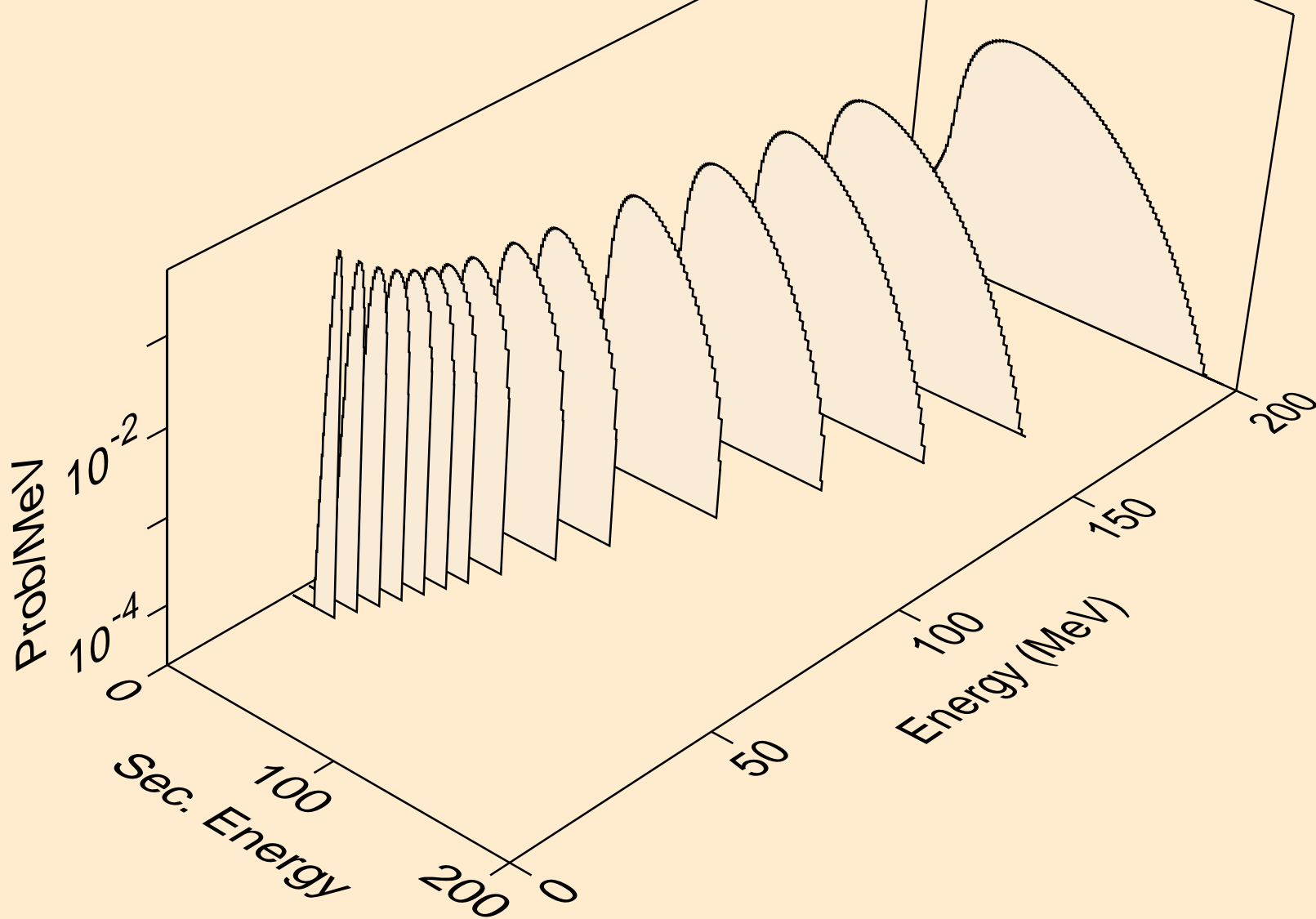
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



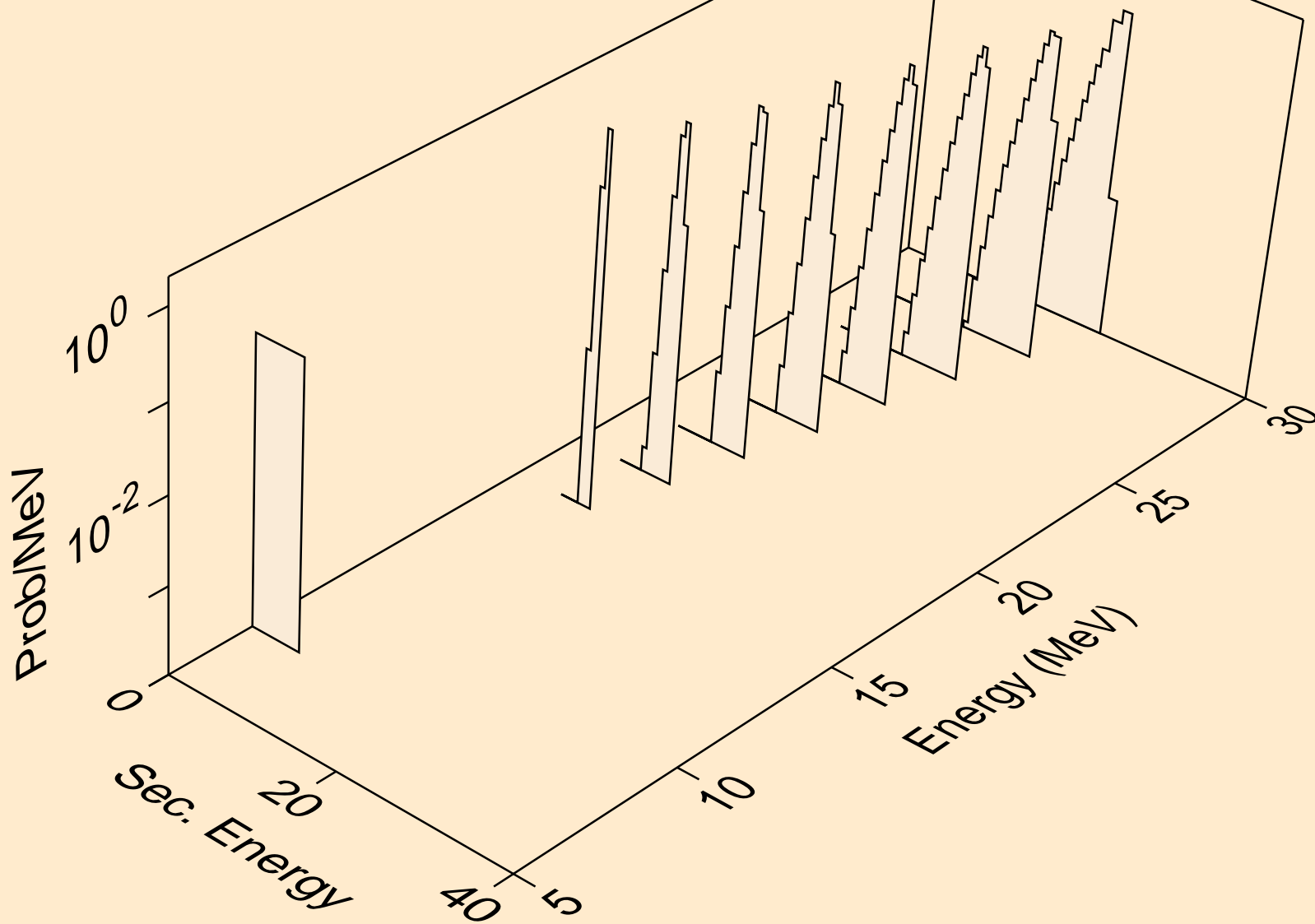
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



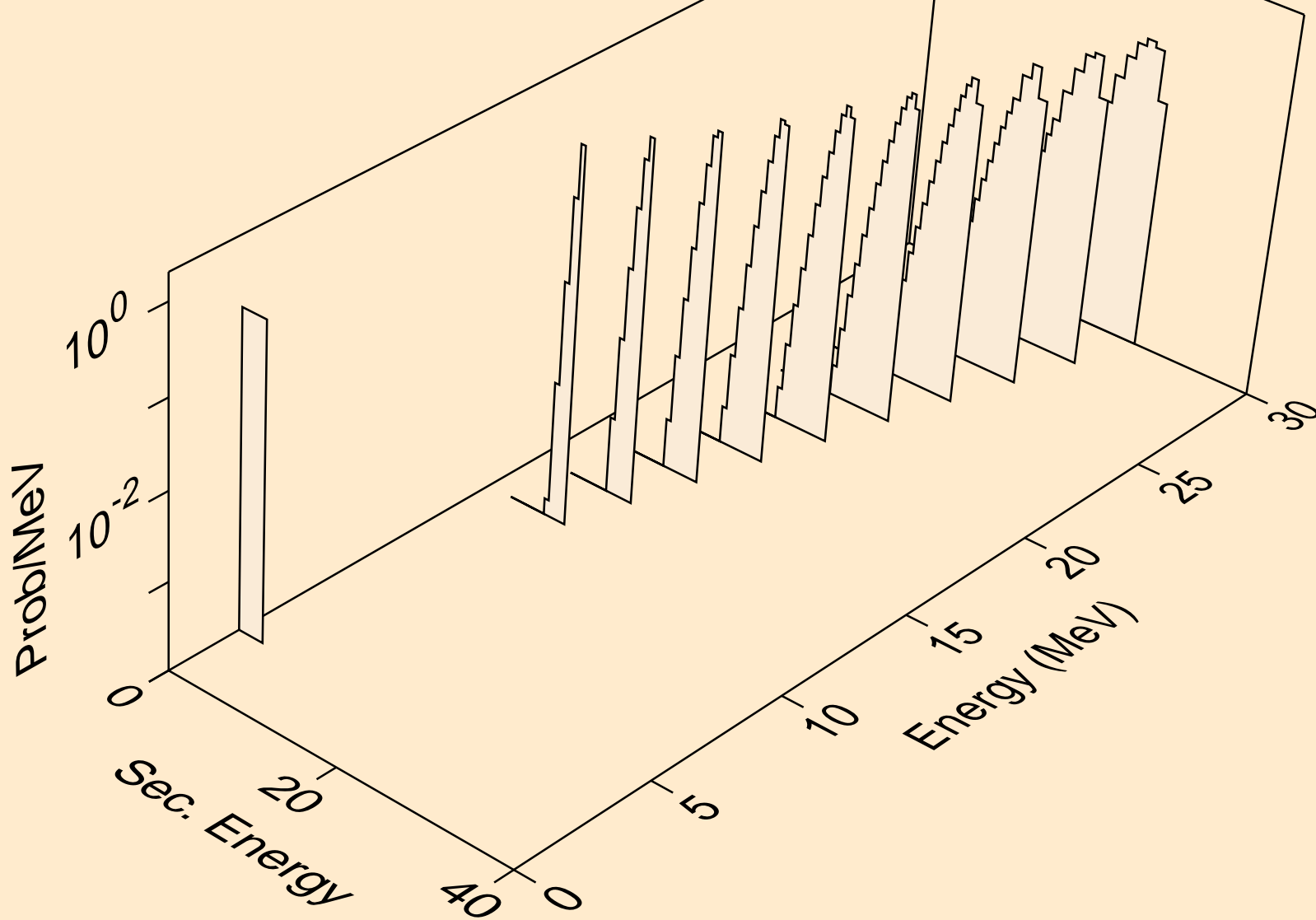
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



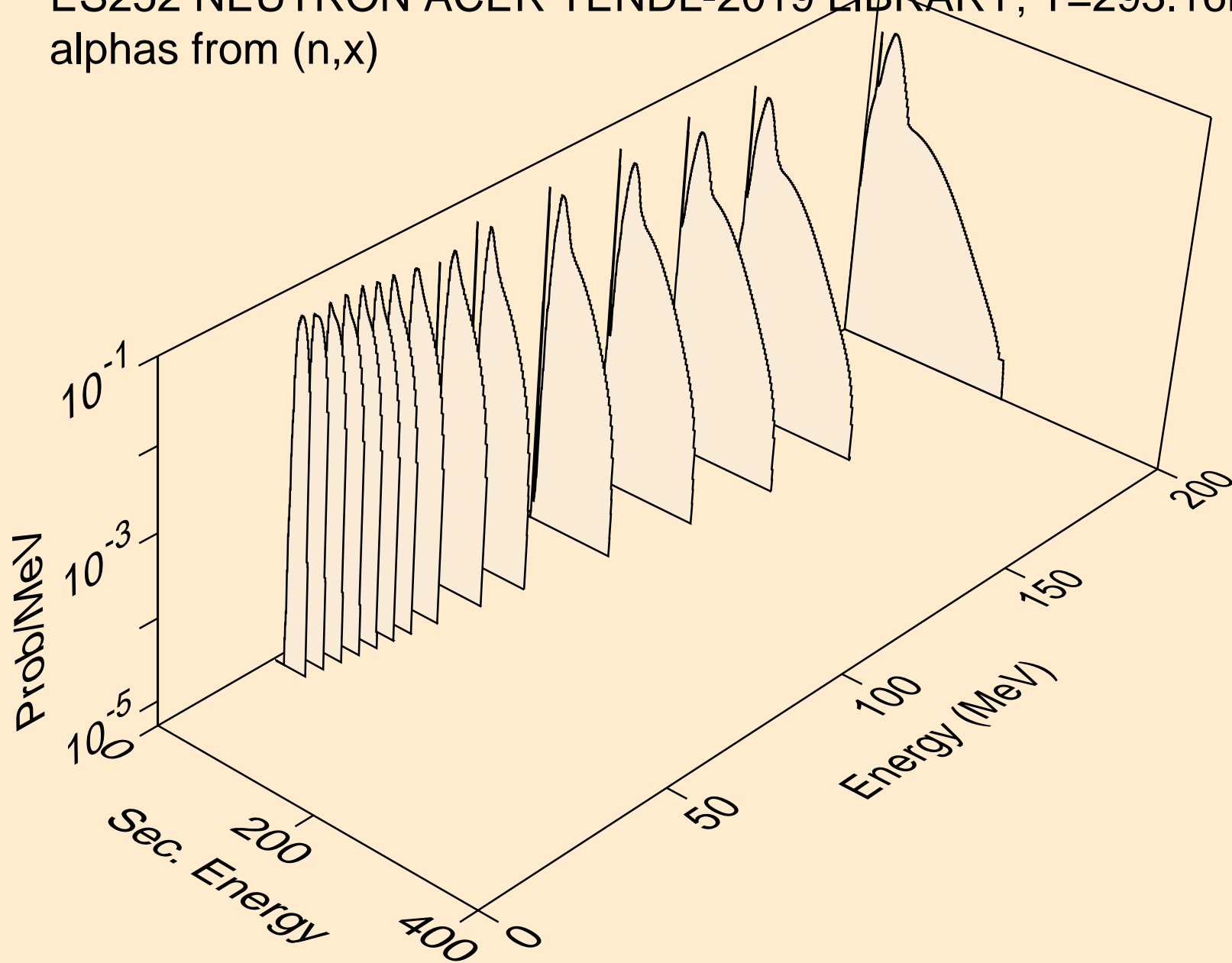
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



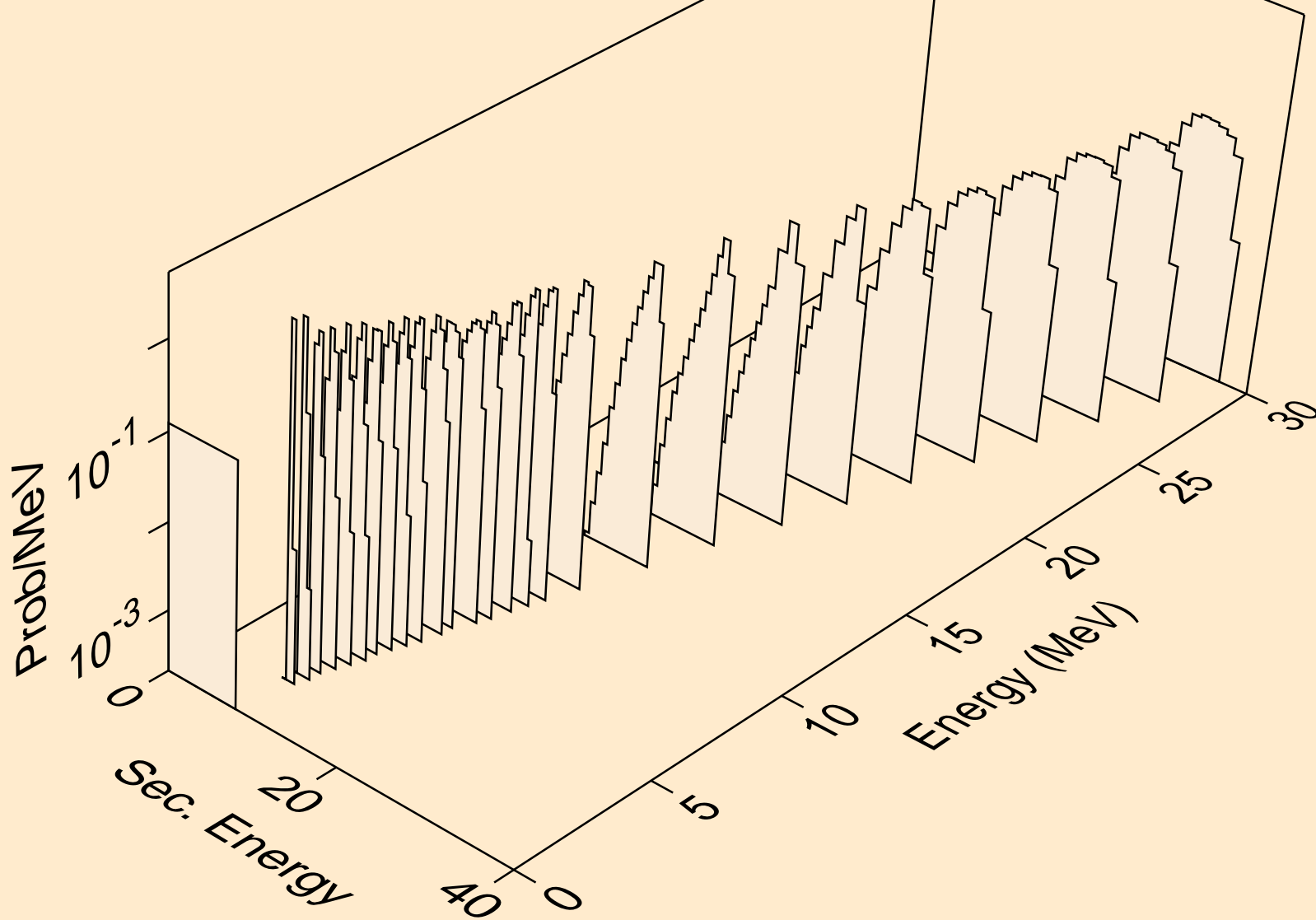
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



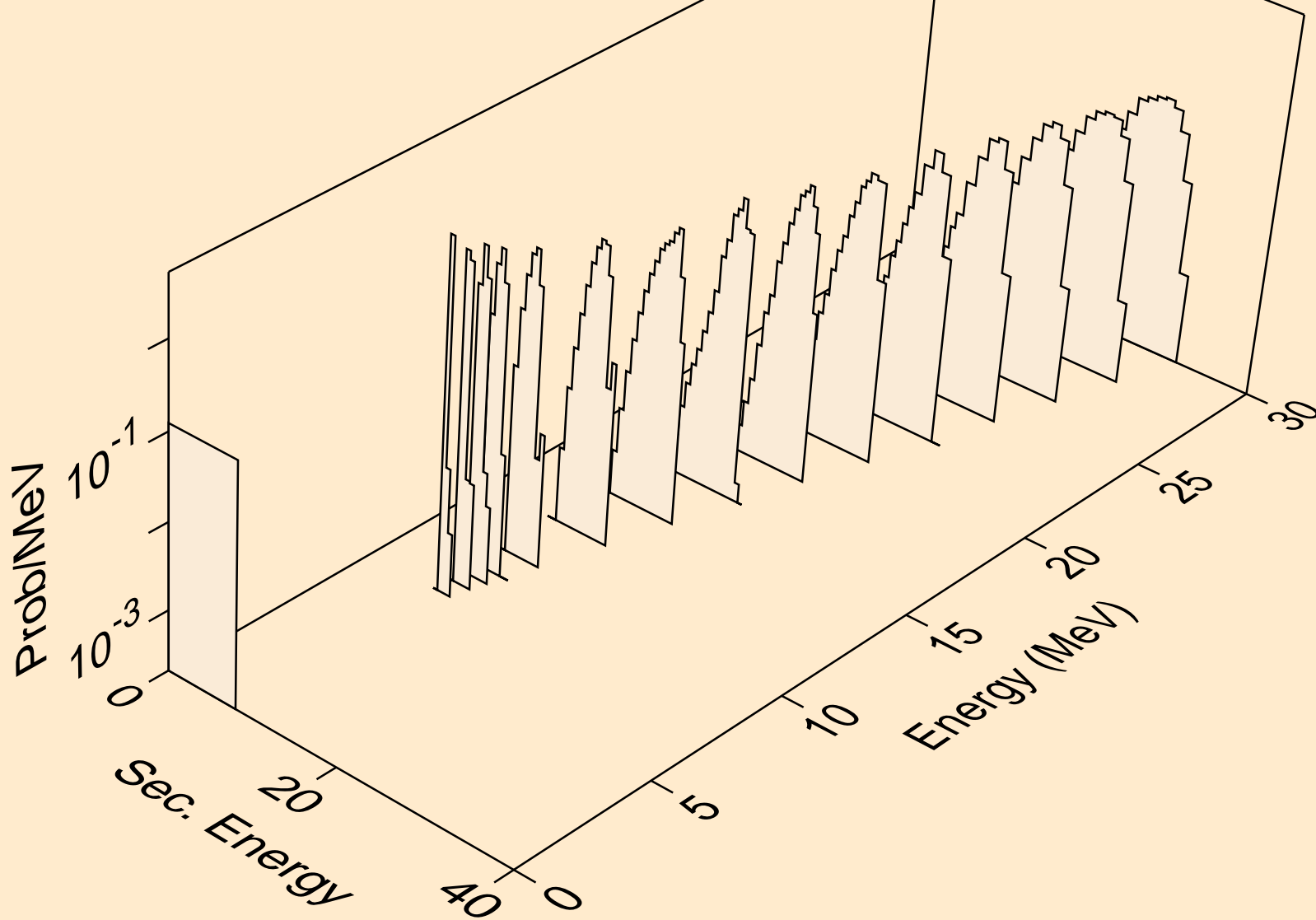
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



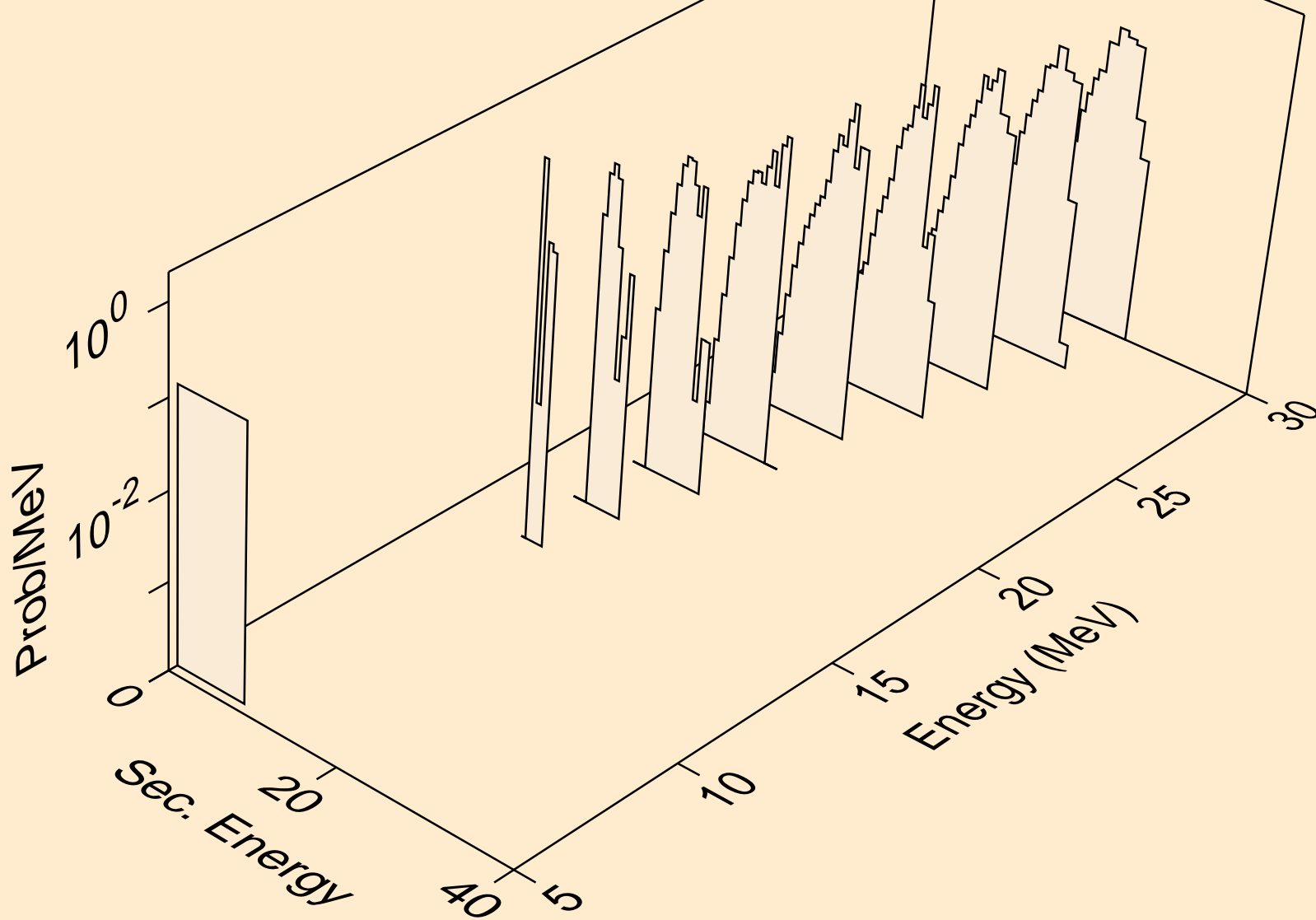
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



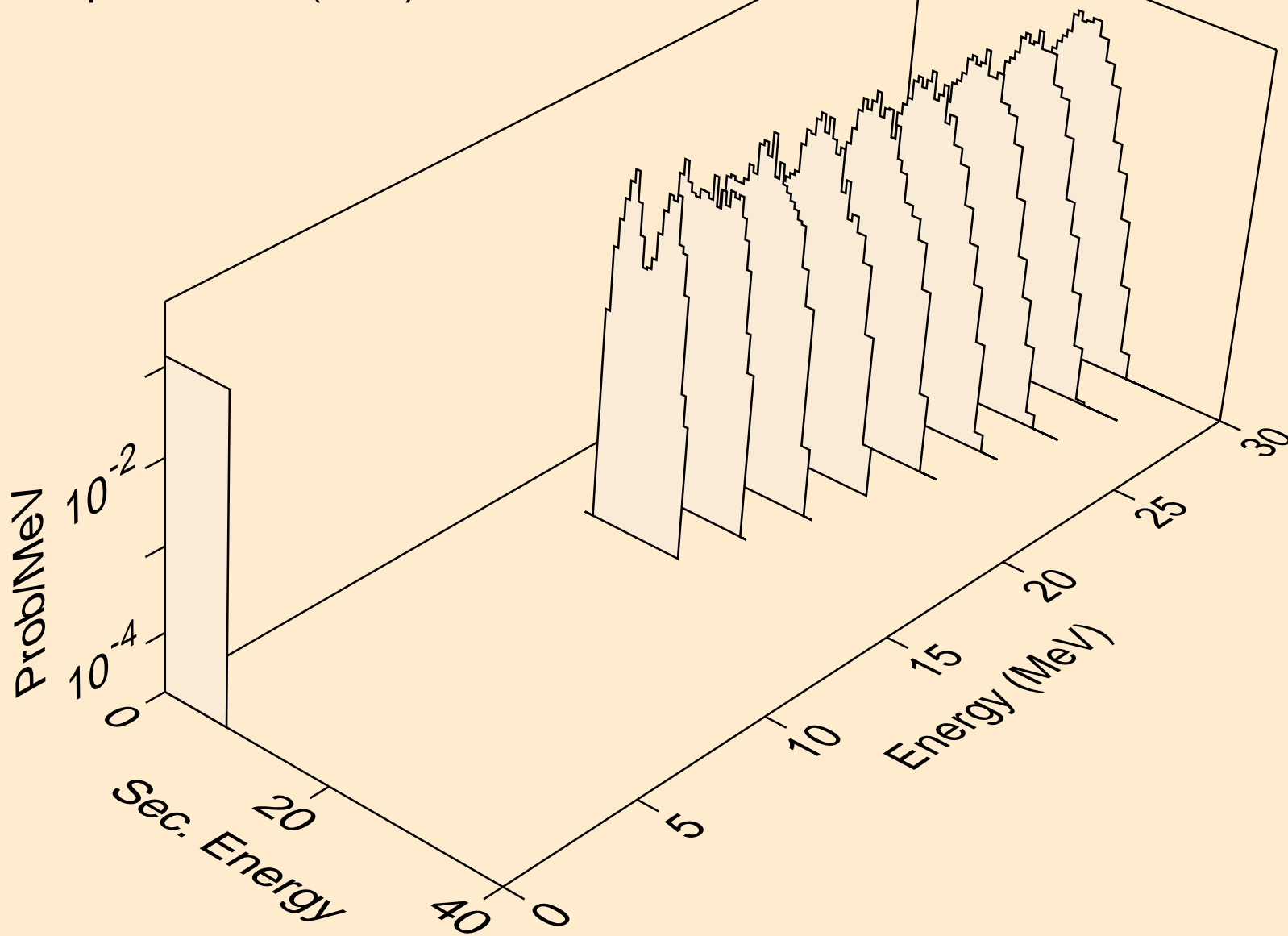
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



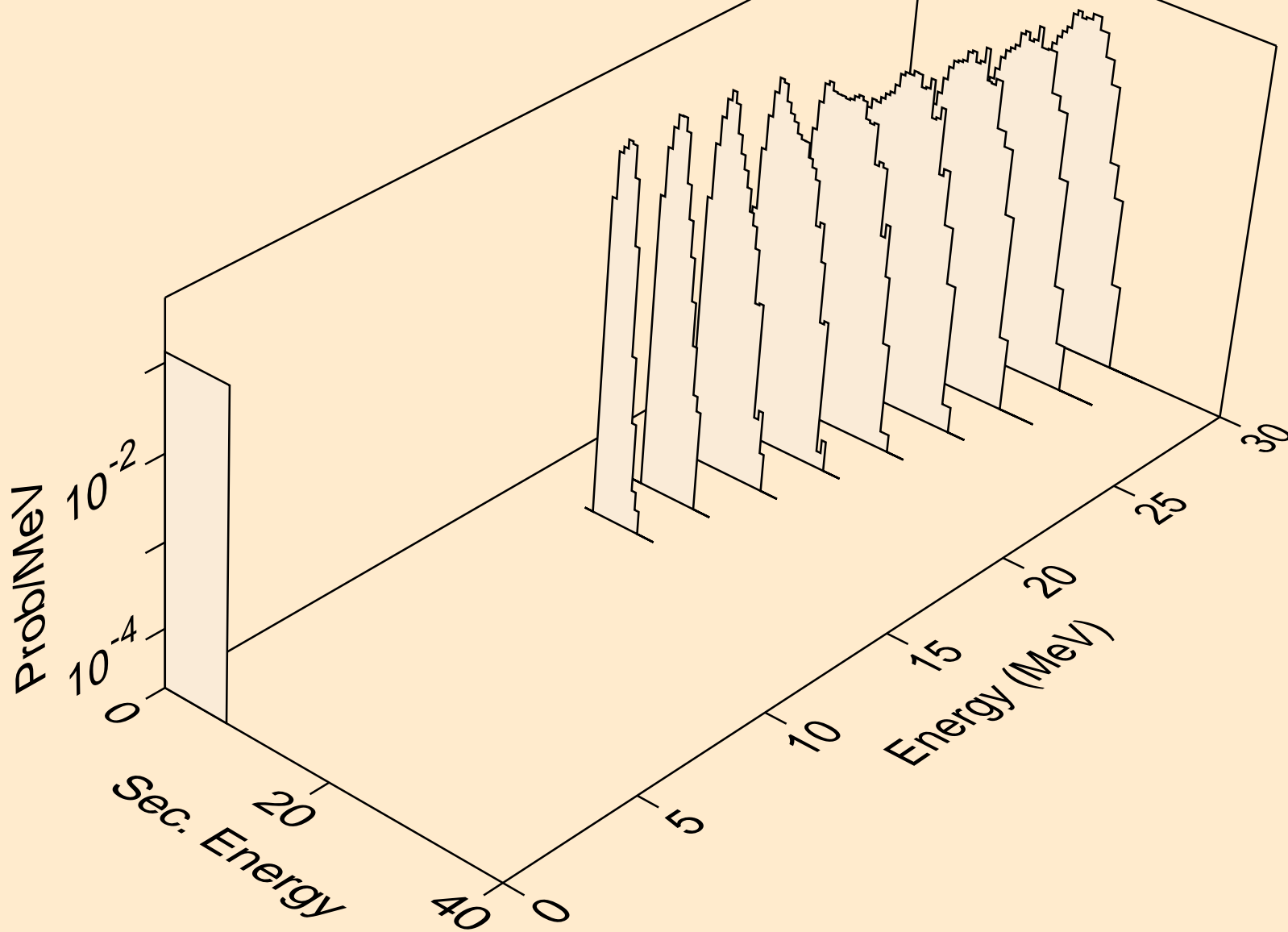
ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



ES252 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)

