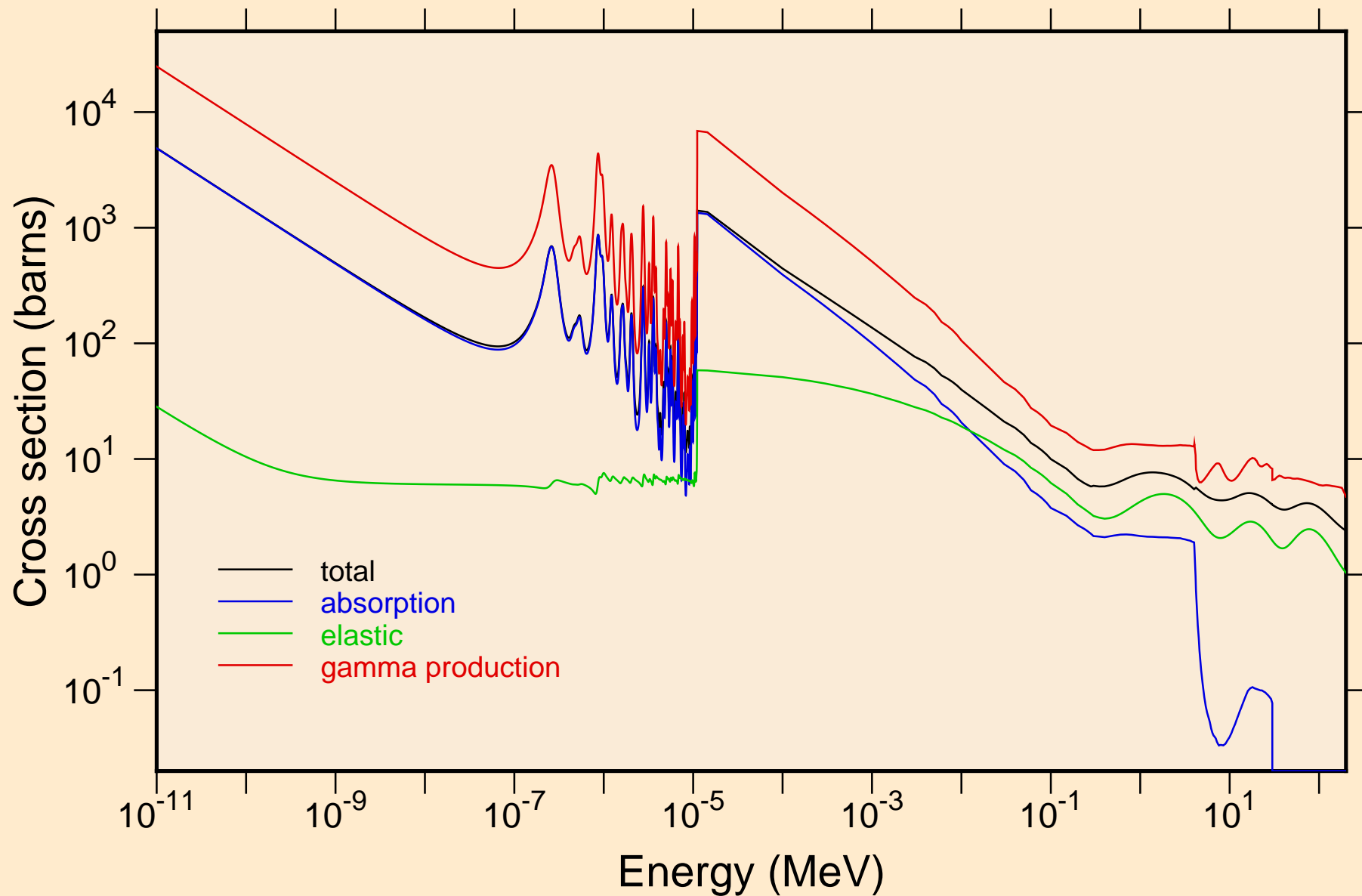
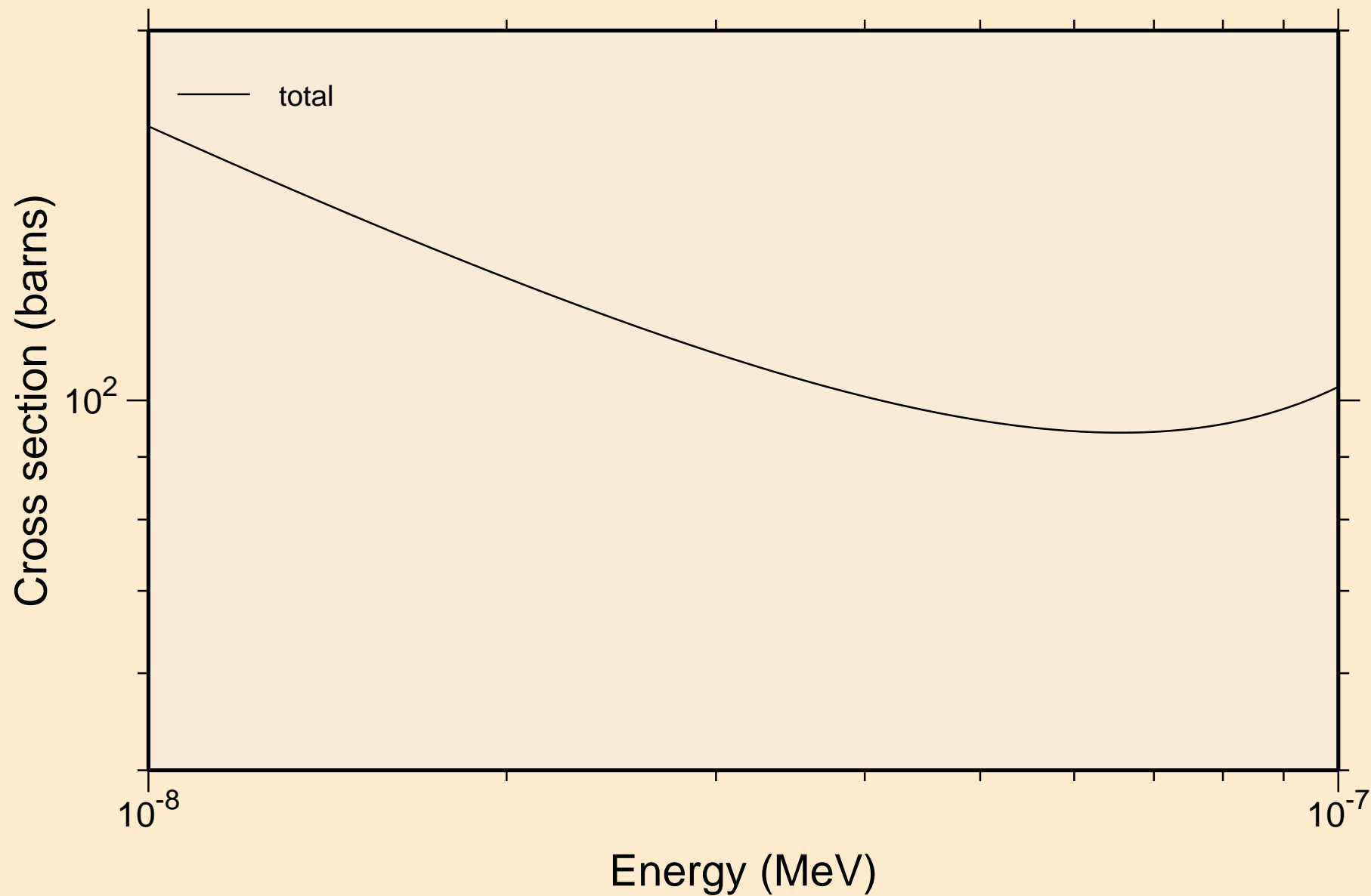


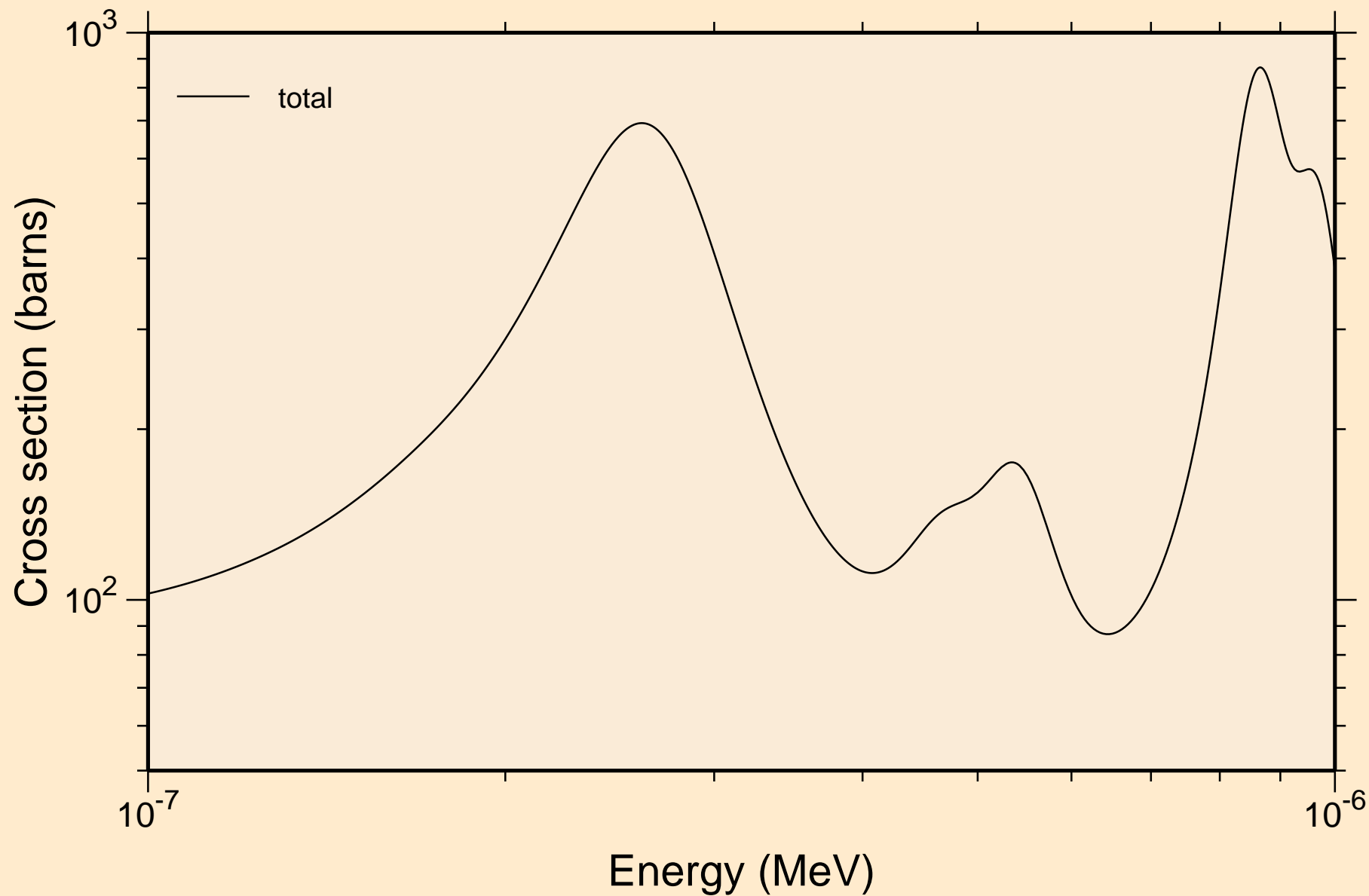
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



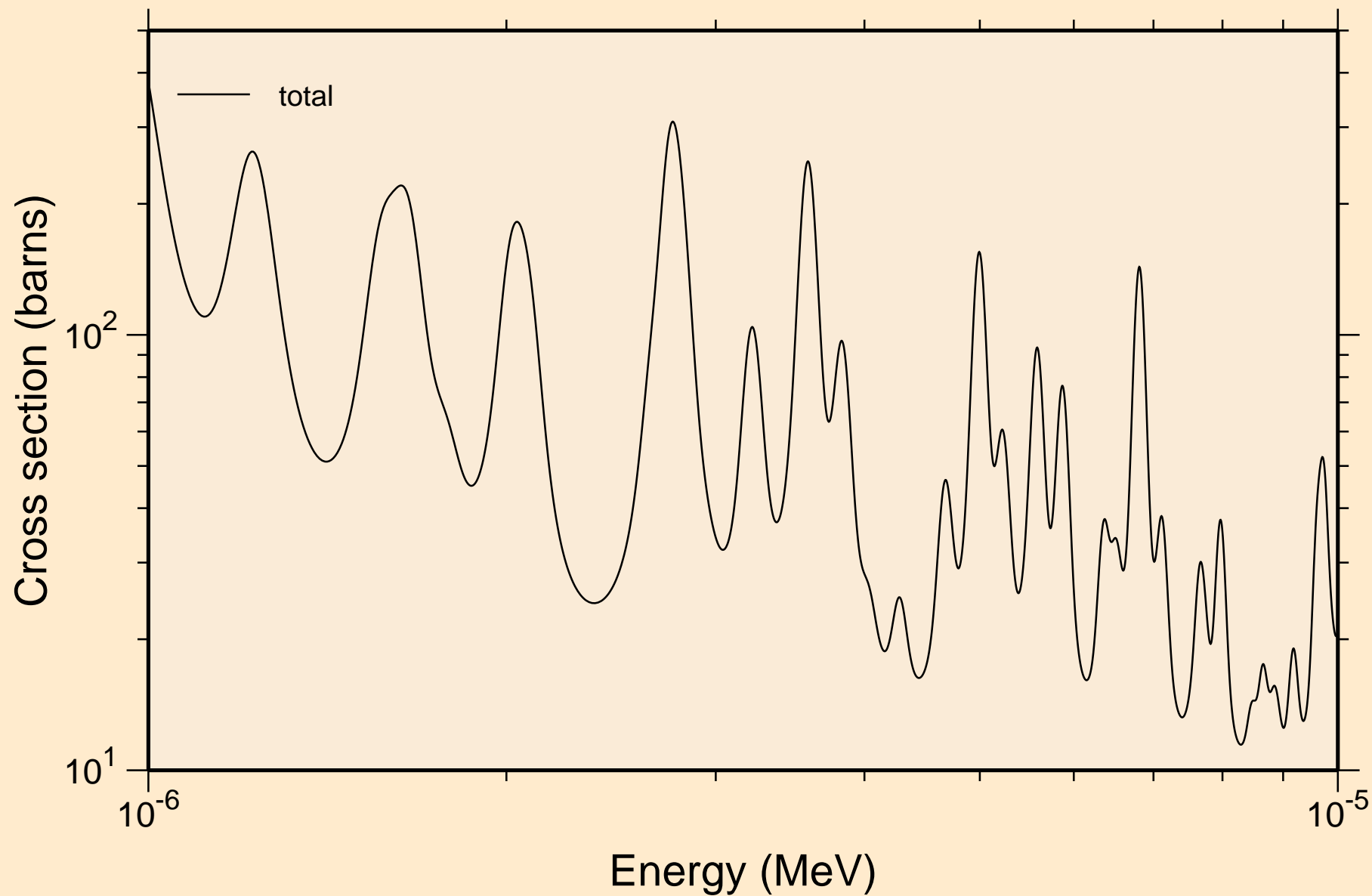
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resonance total cross section



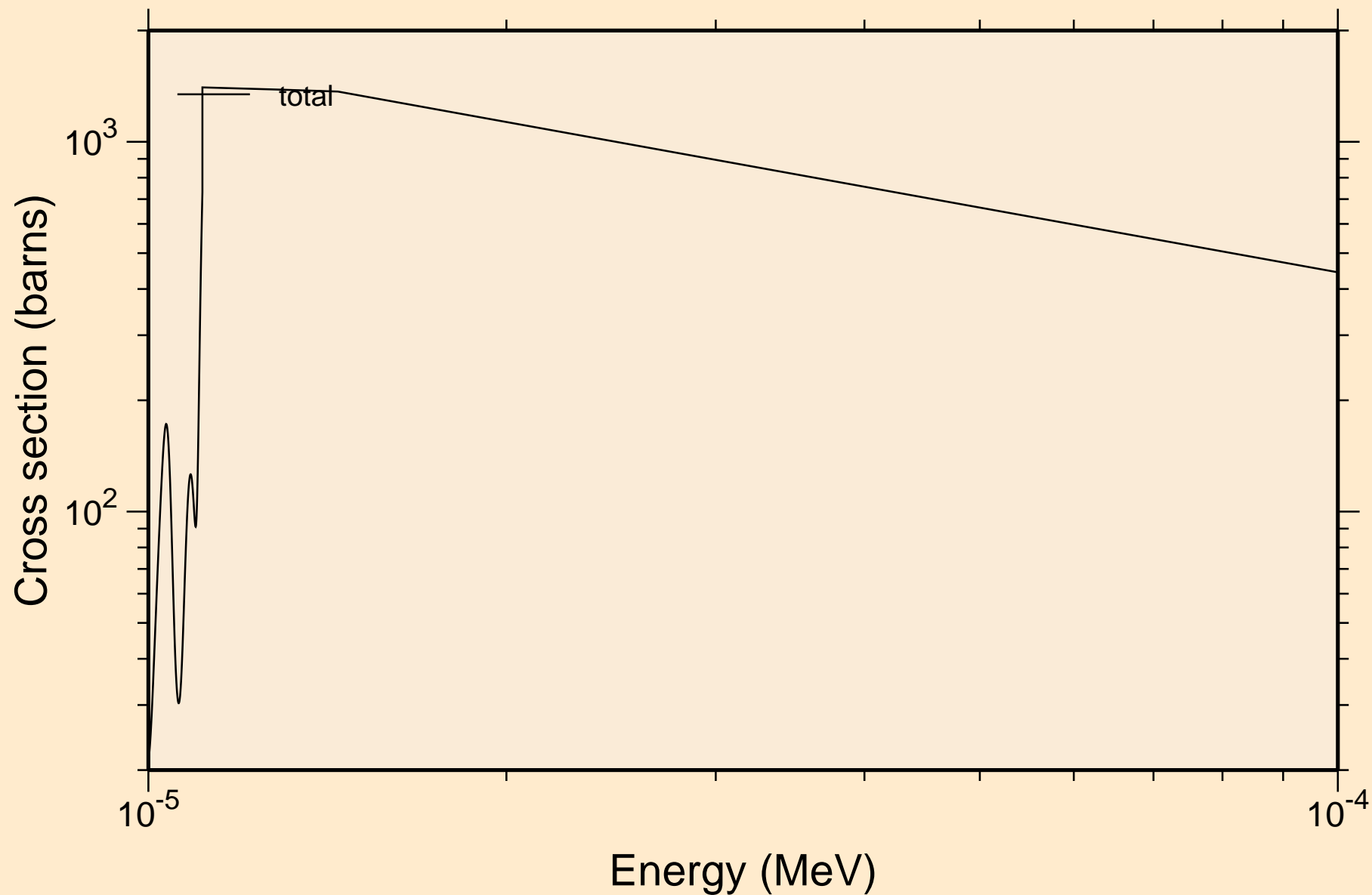
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resonance total cross section



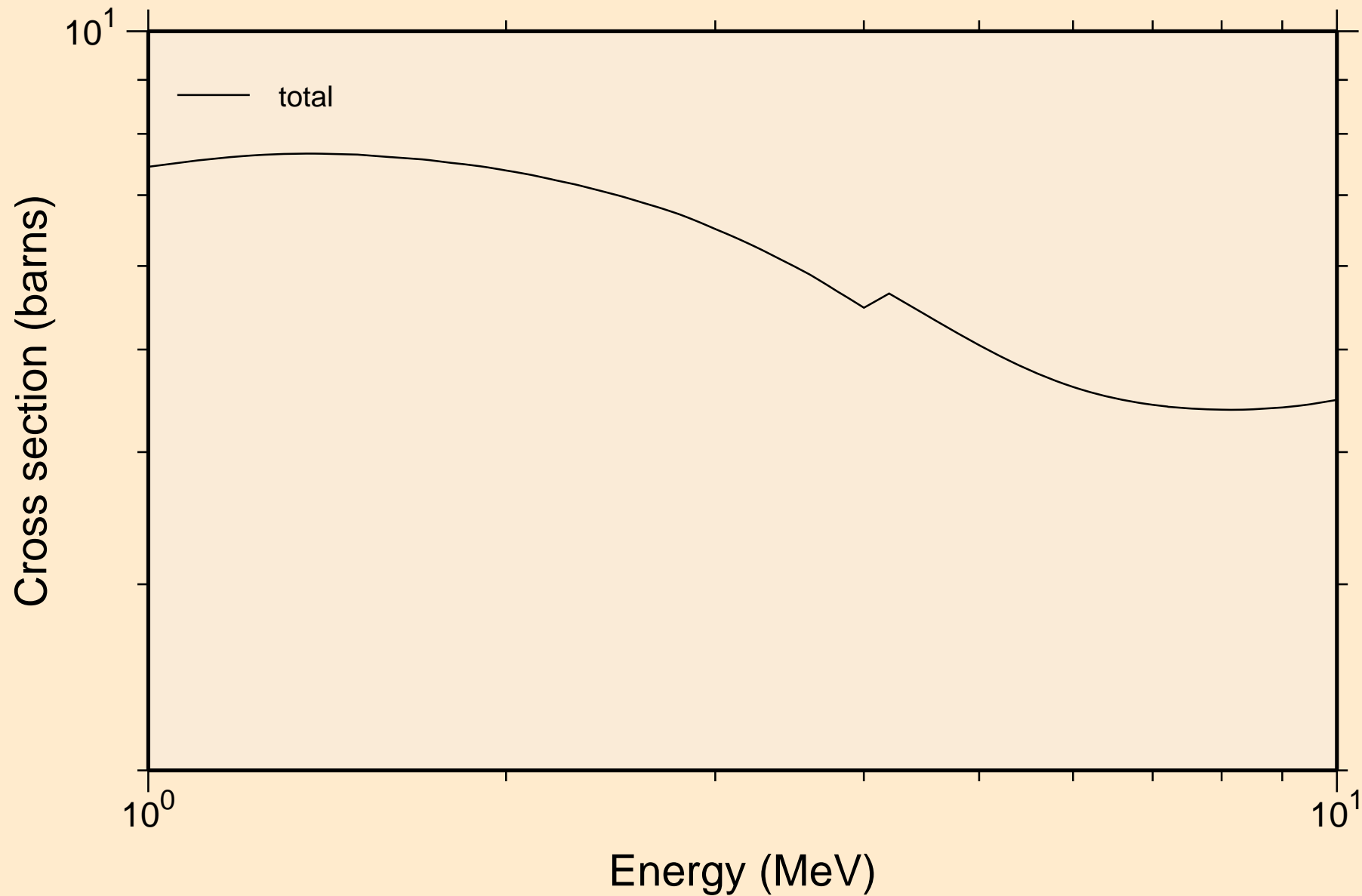
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resonance total cross section



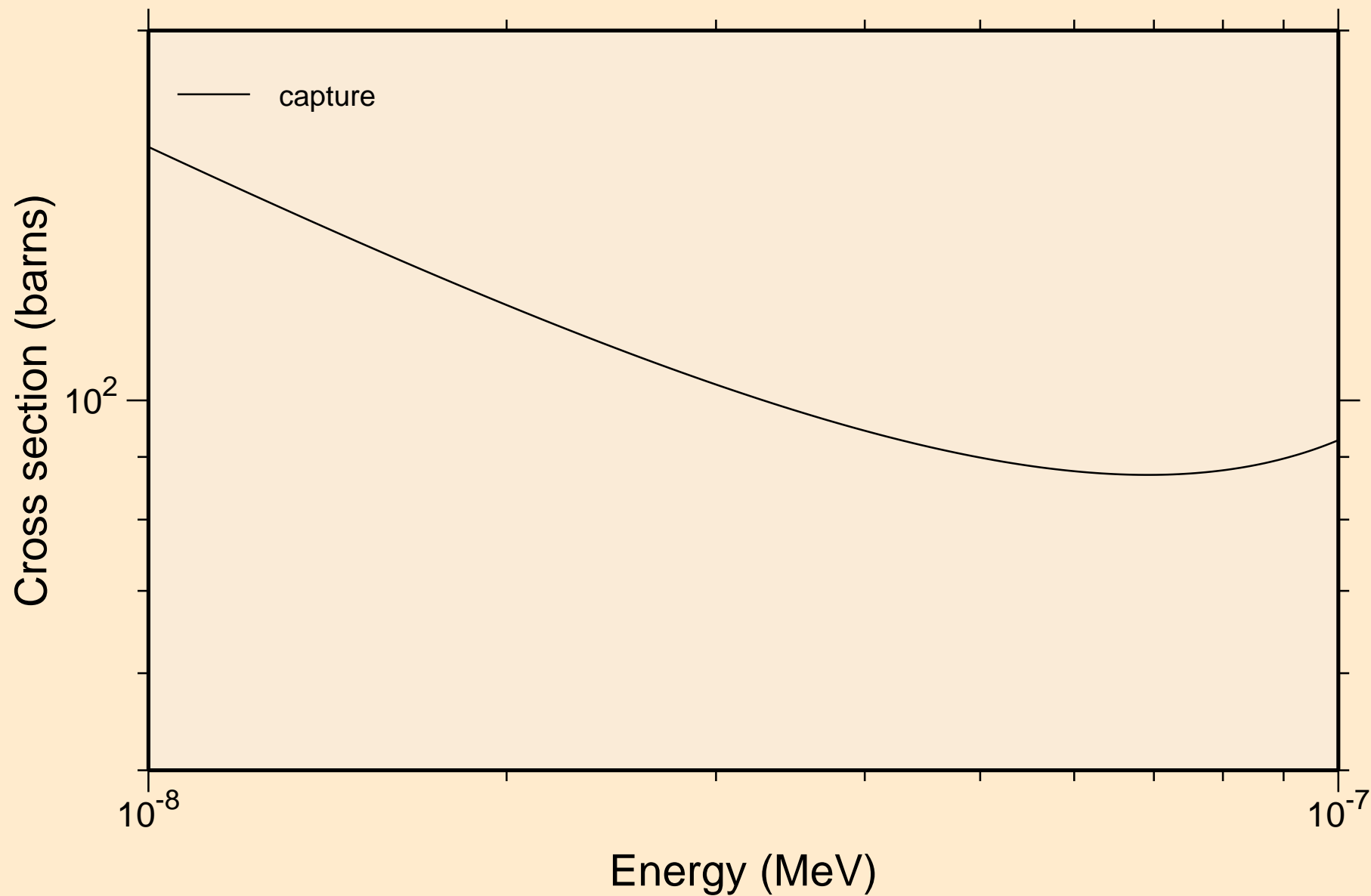
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resonance total cross section



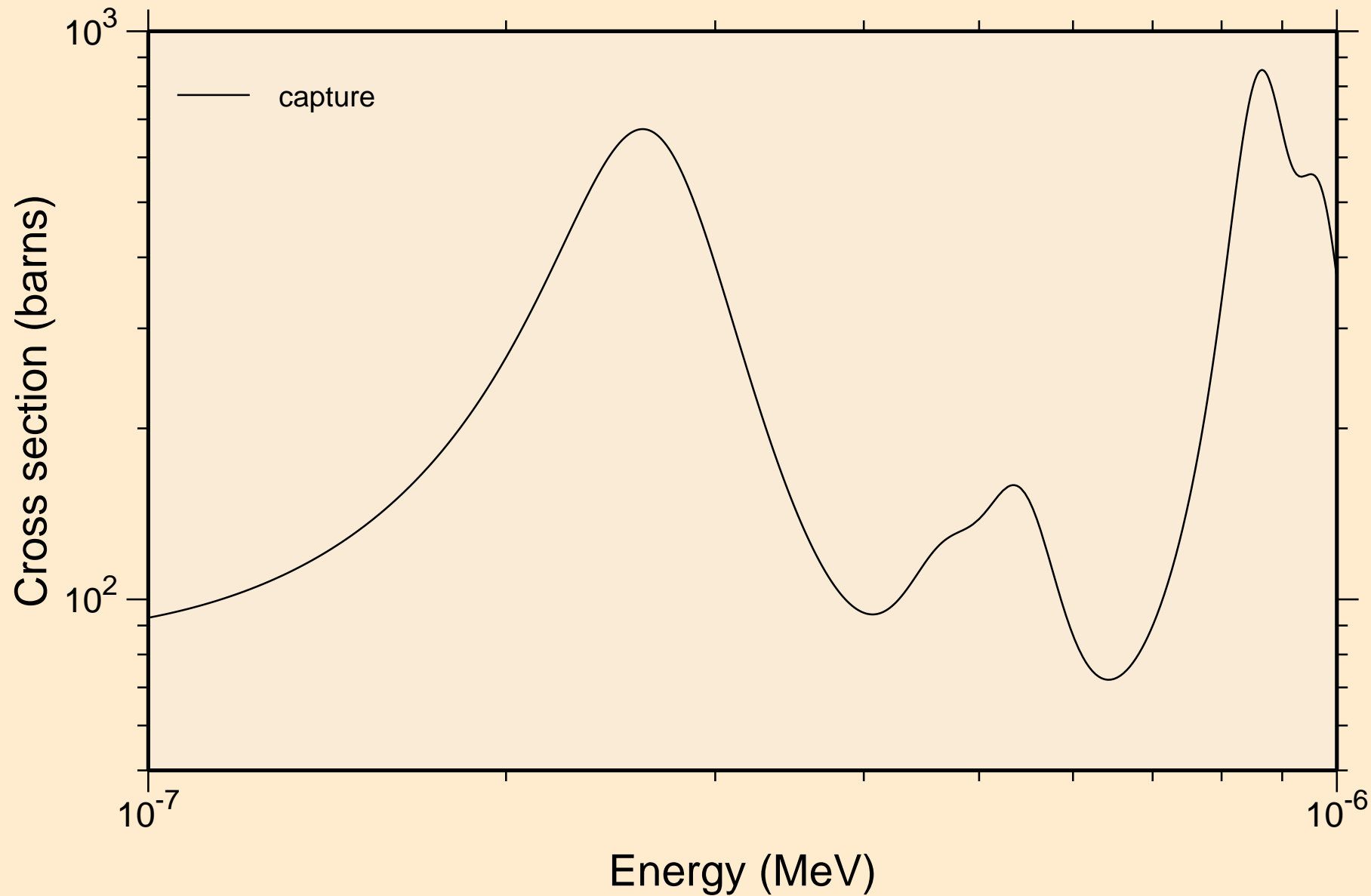
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resonance total cross section



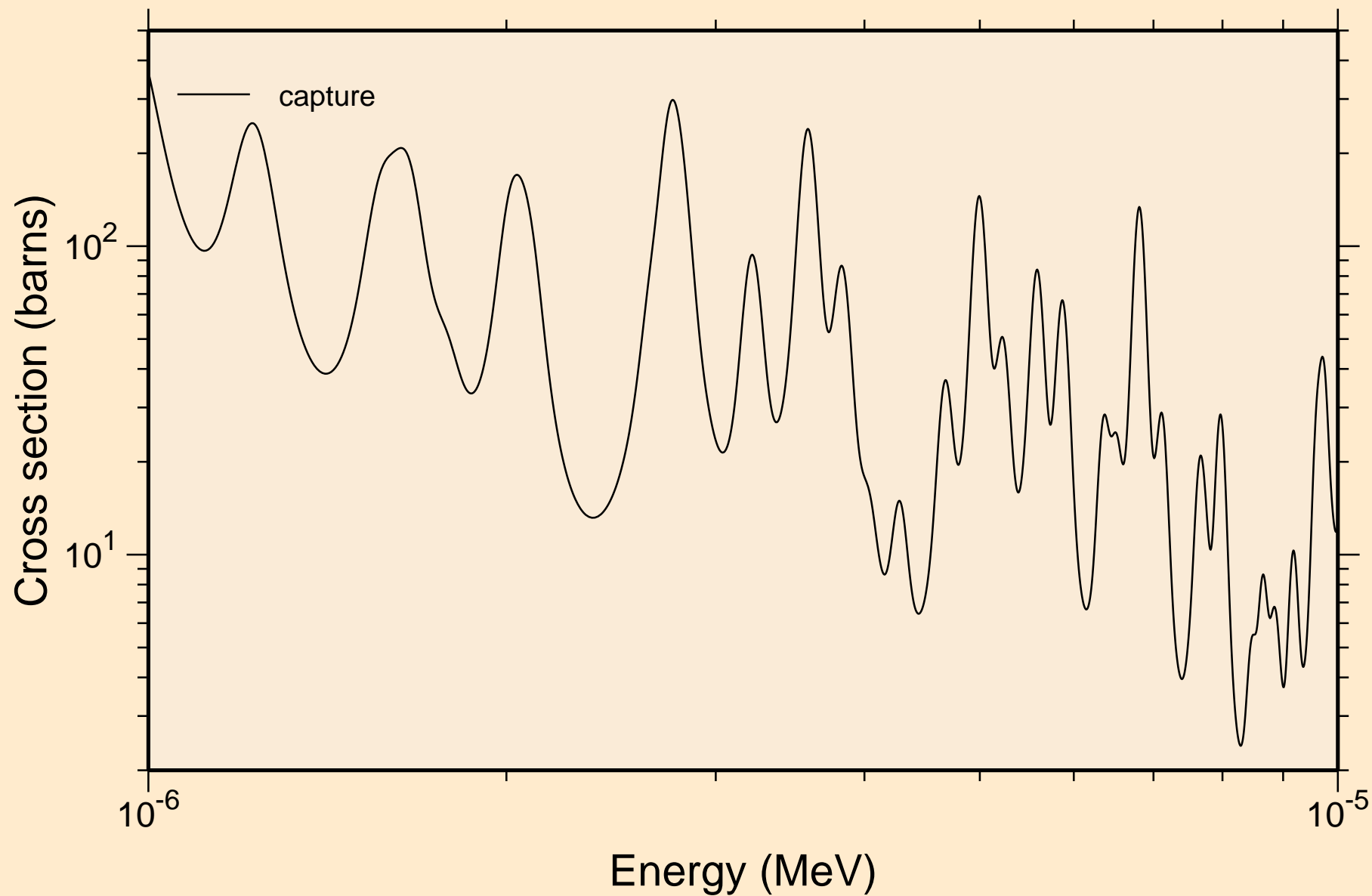
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resonance absorption cross sections



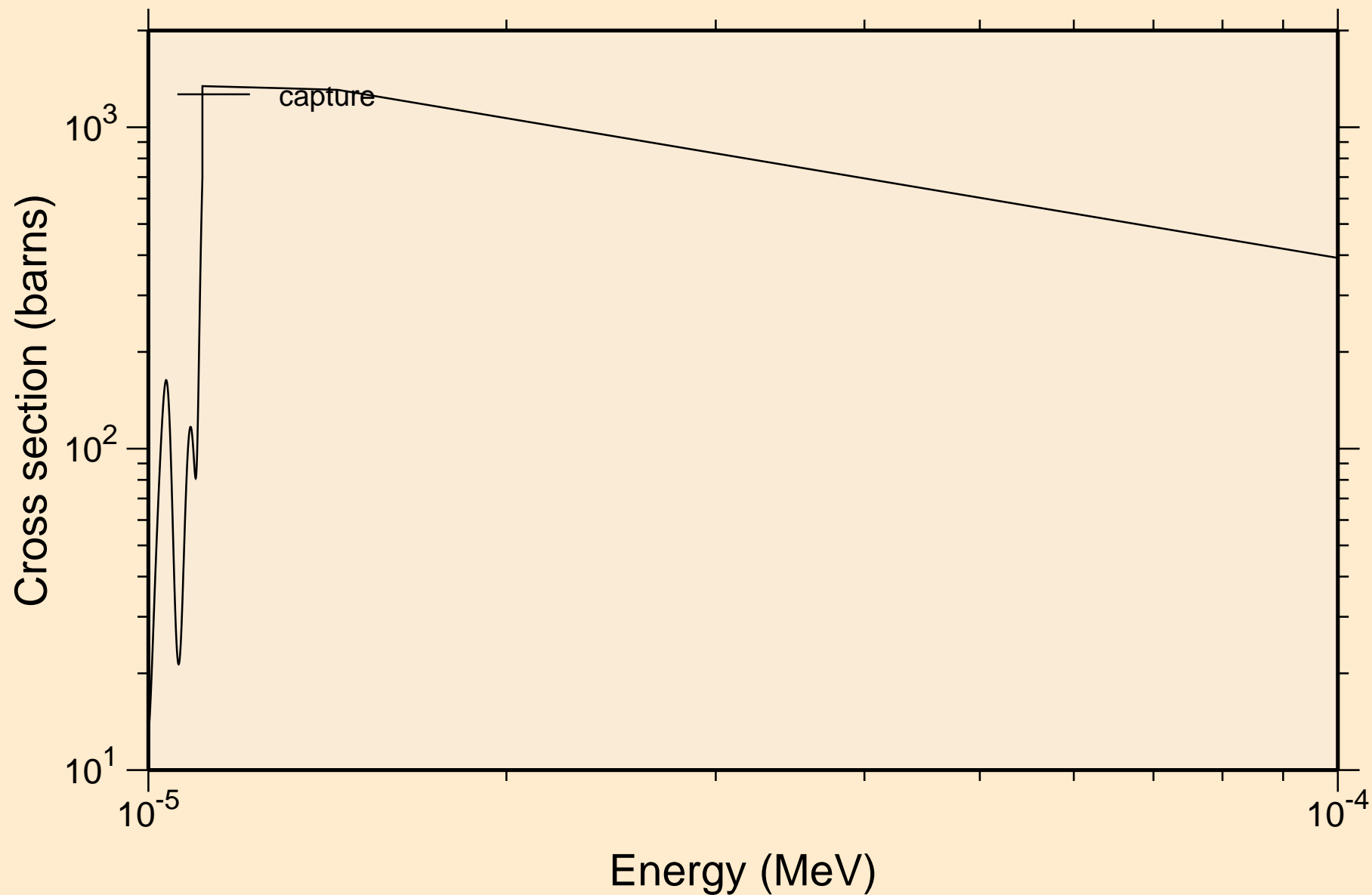
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resonance absorption cross sections



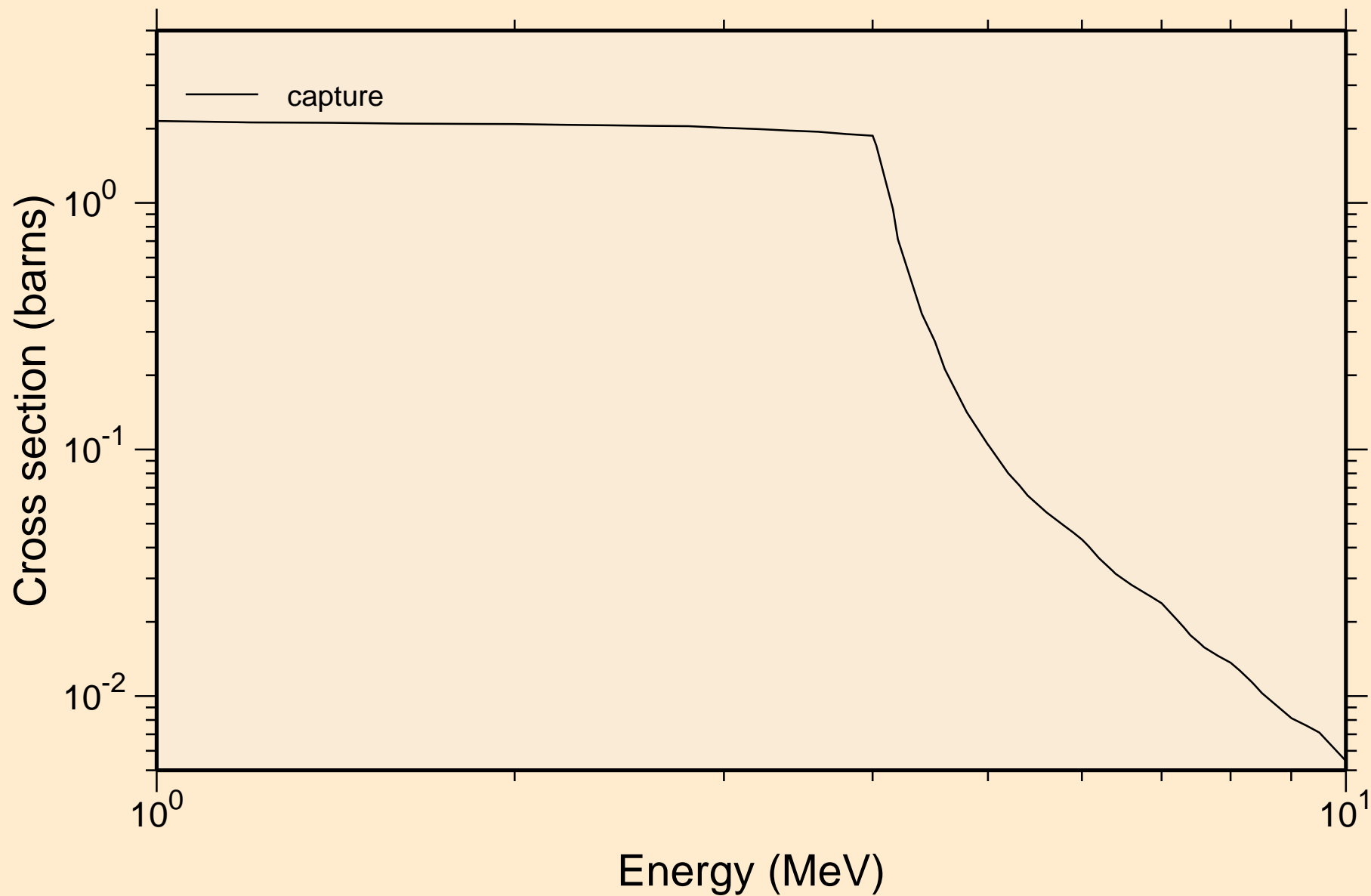
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resonance absorption cross sections



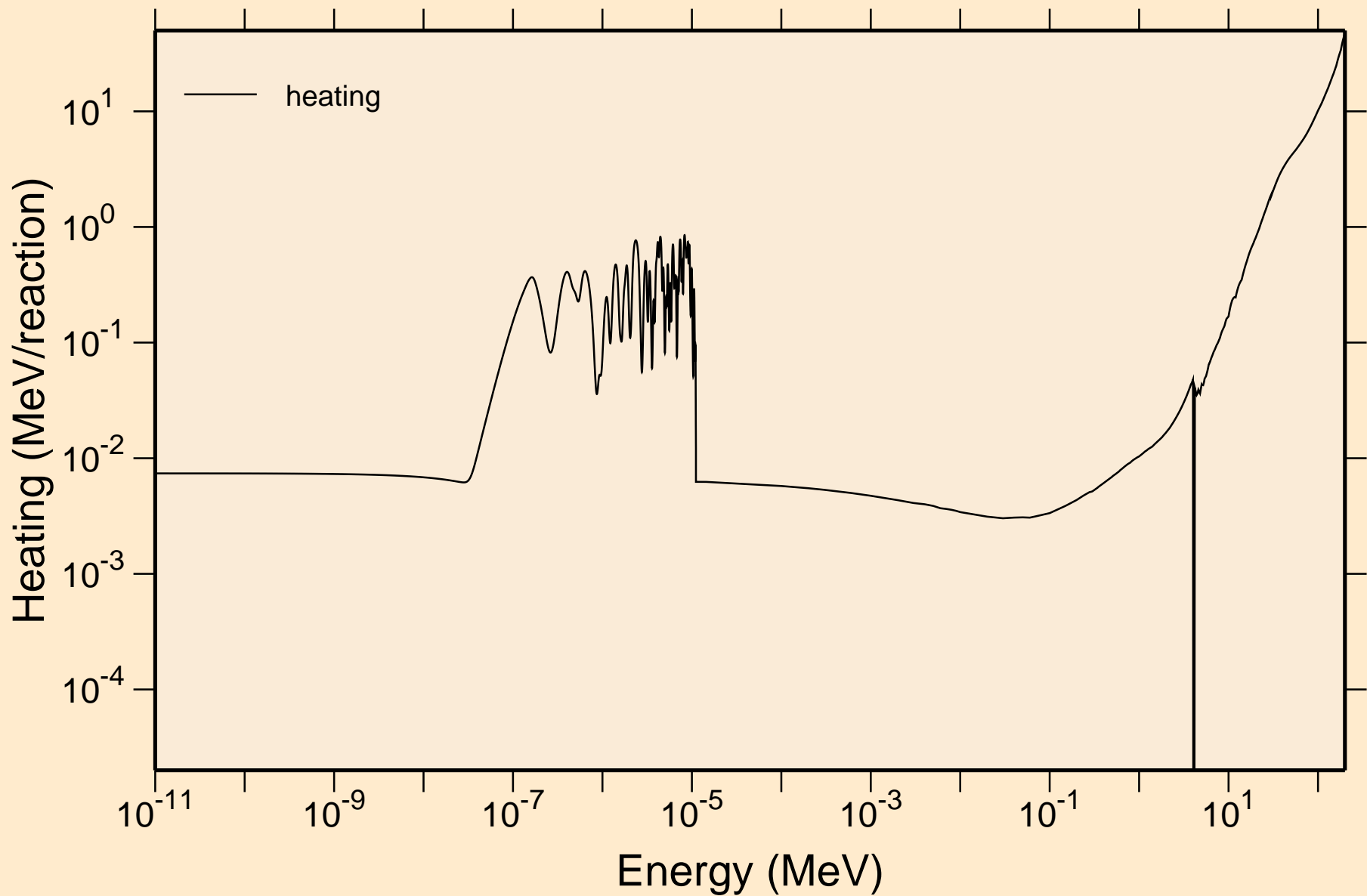
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resonance absorption cross sections



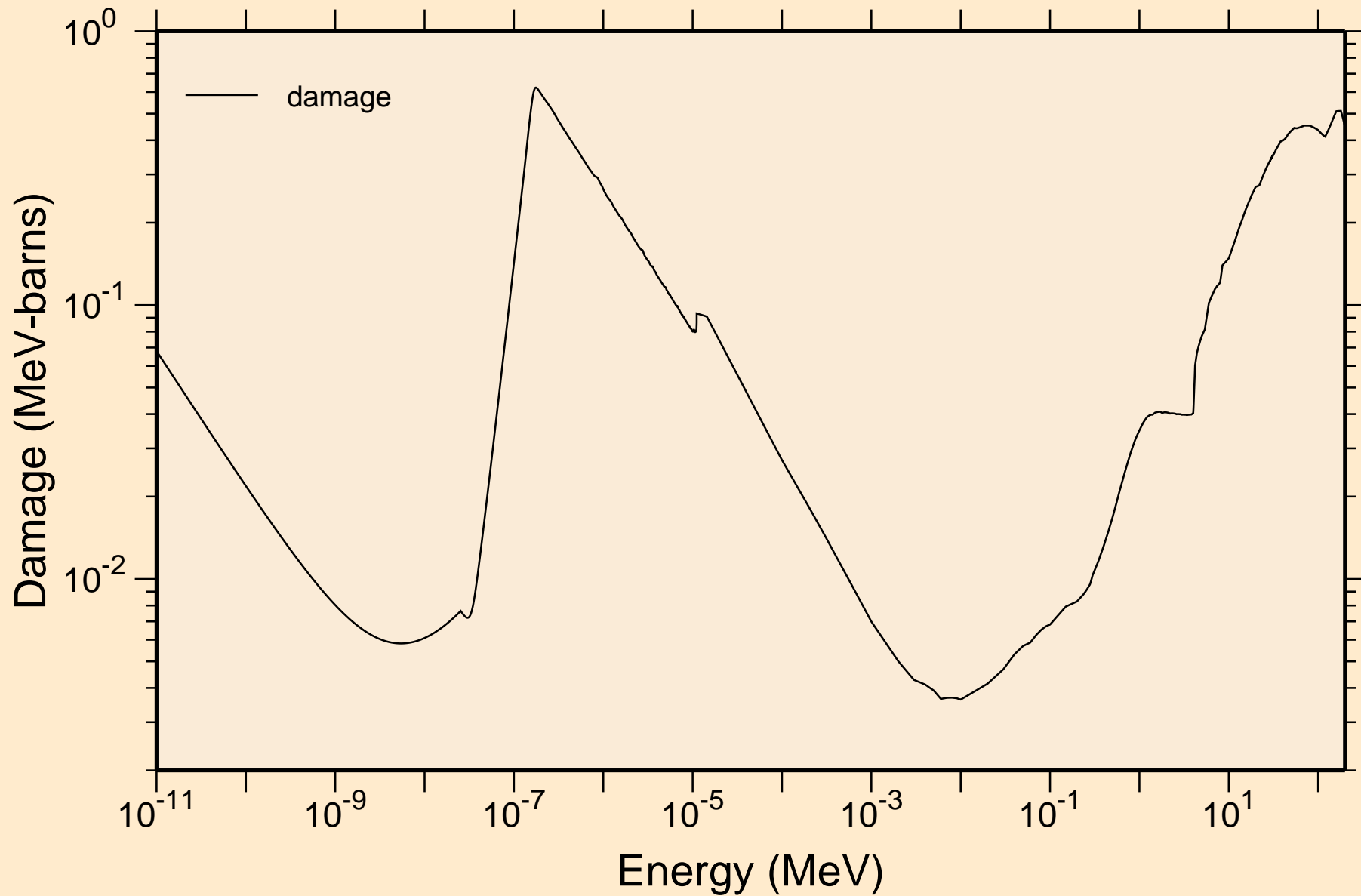
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resonance absorption cross sections



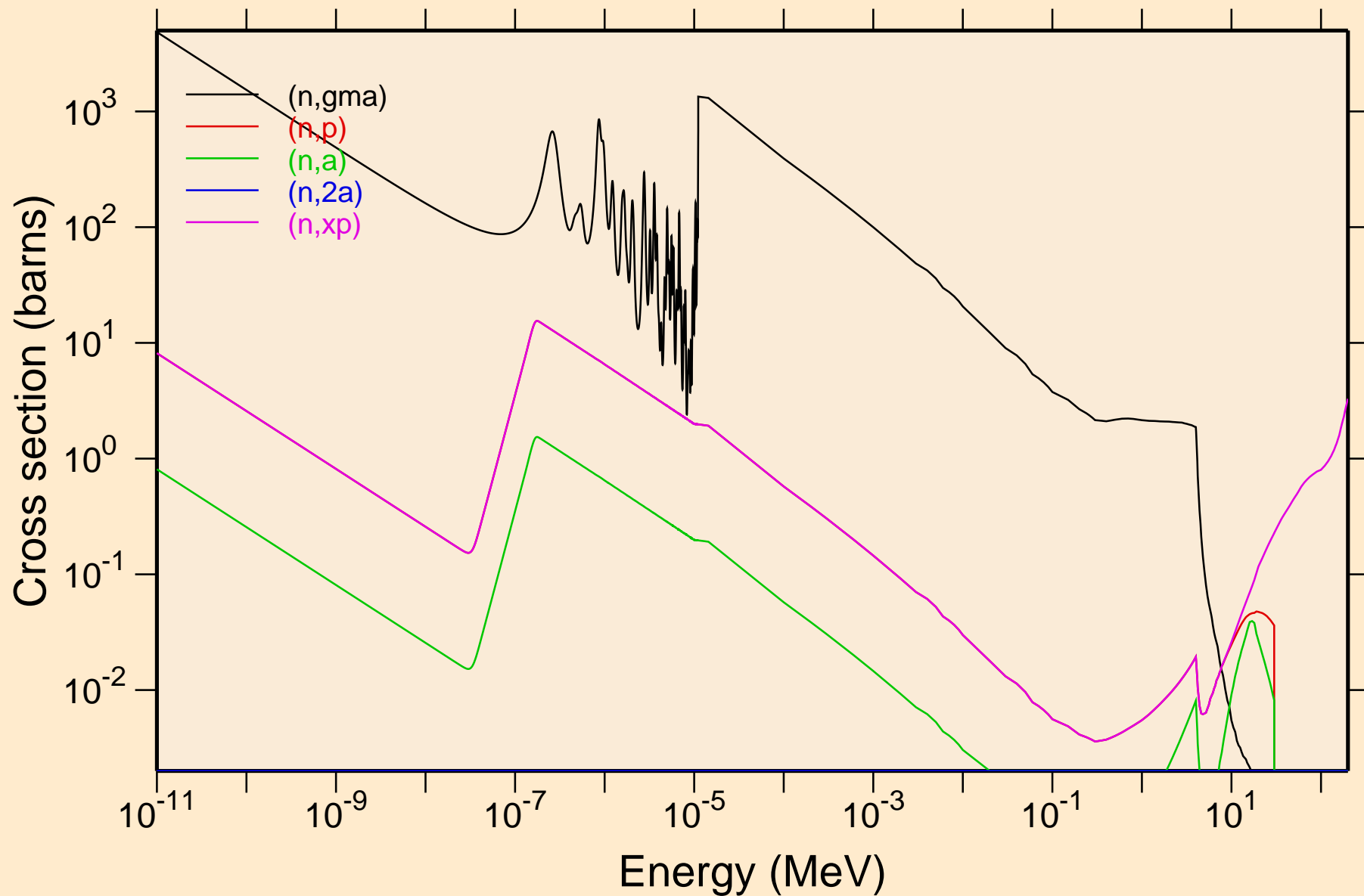
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



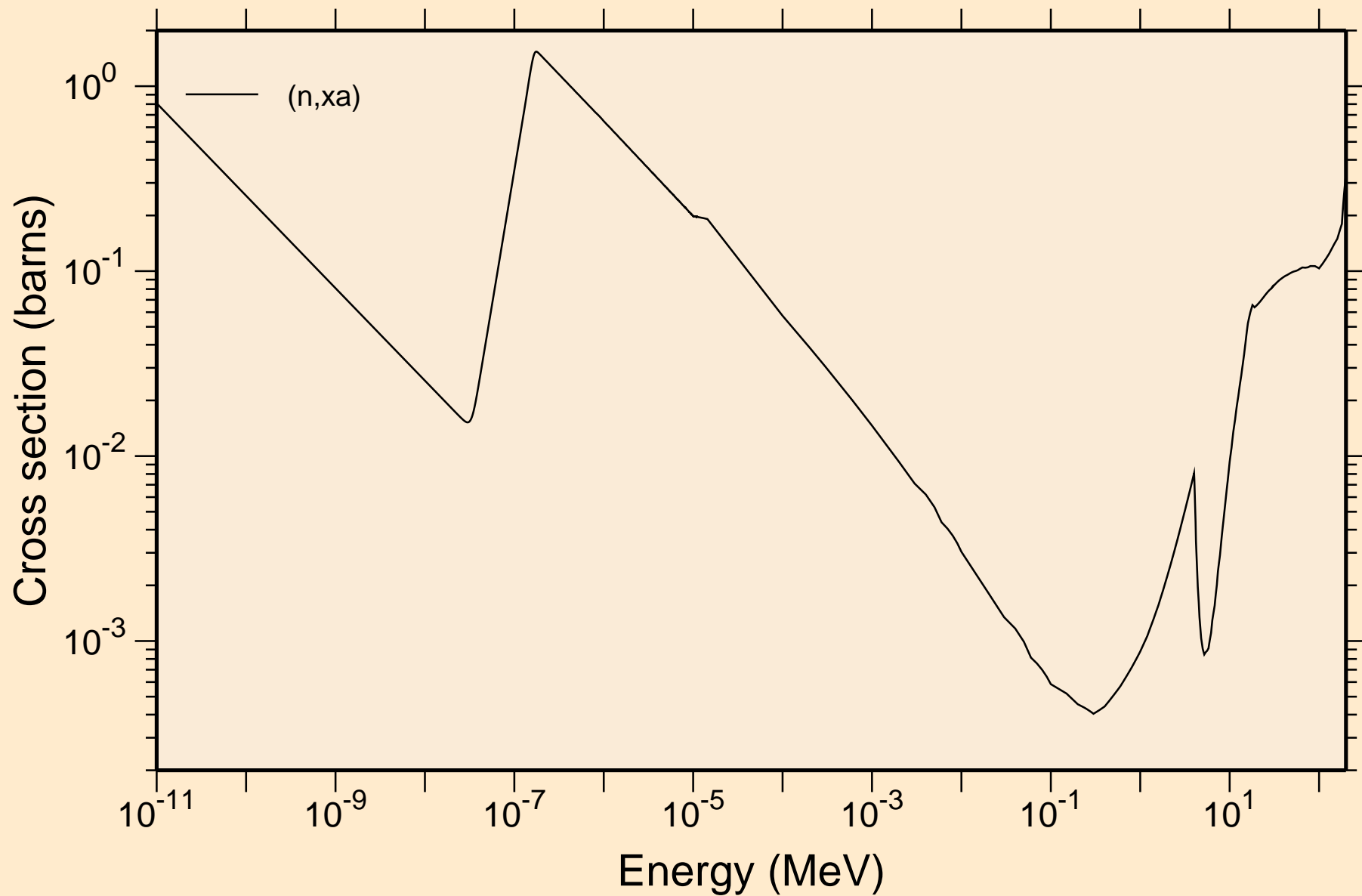
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

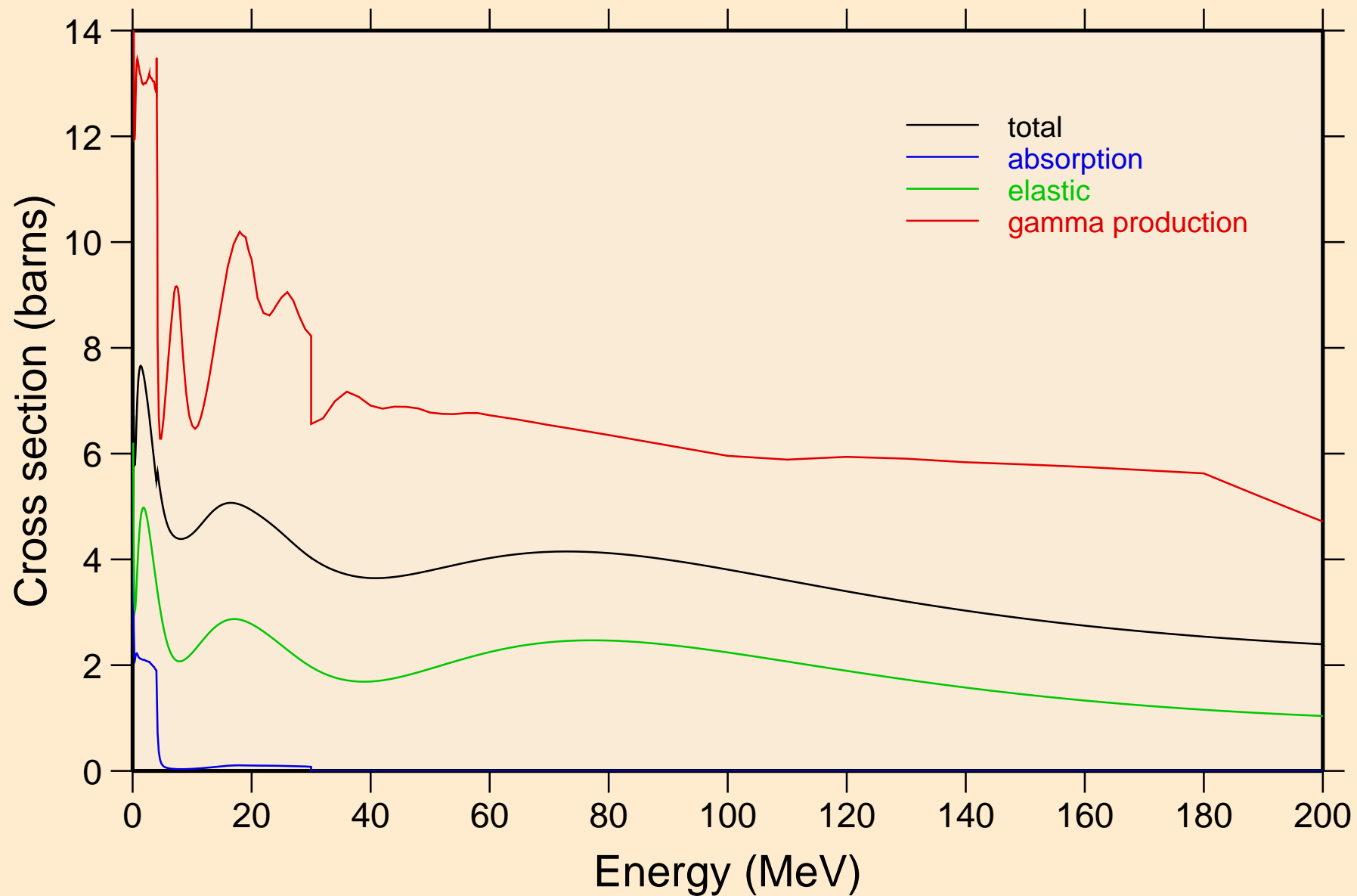


TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

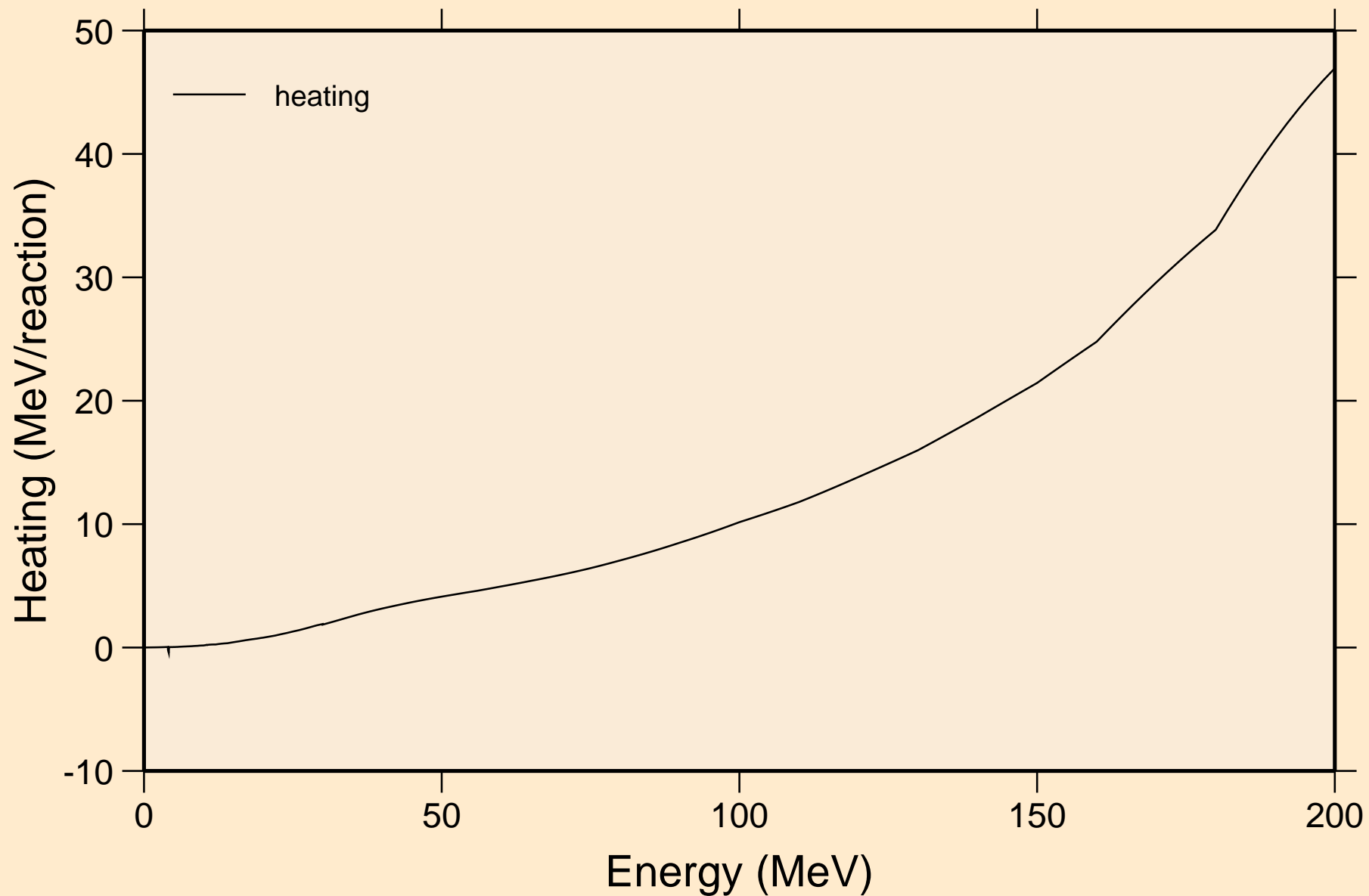


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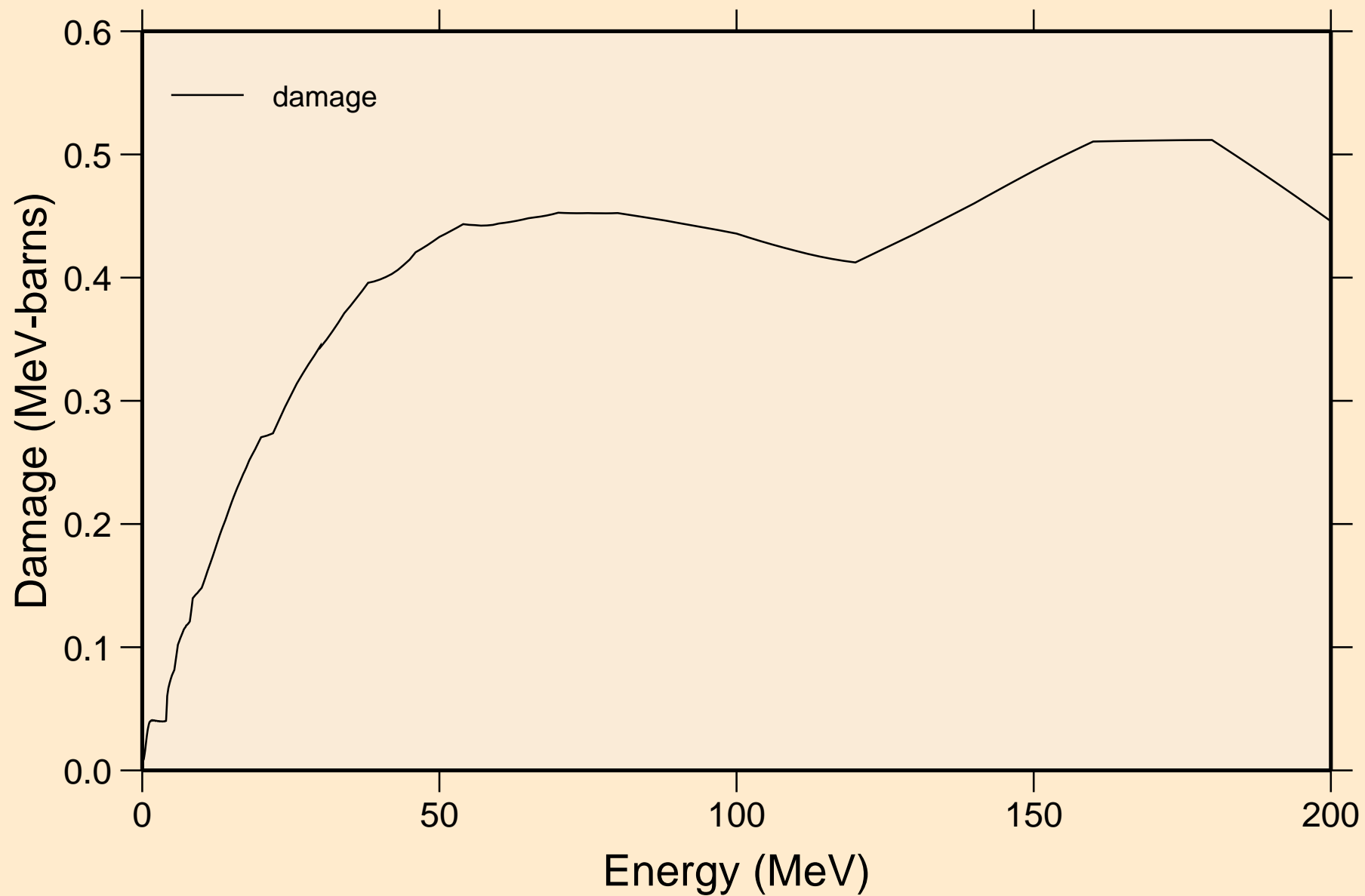
Principal cross sections



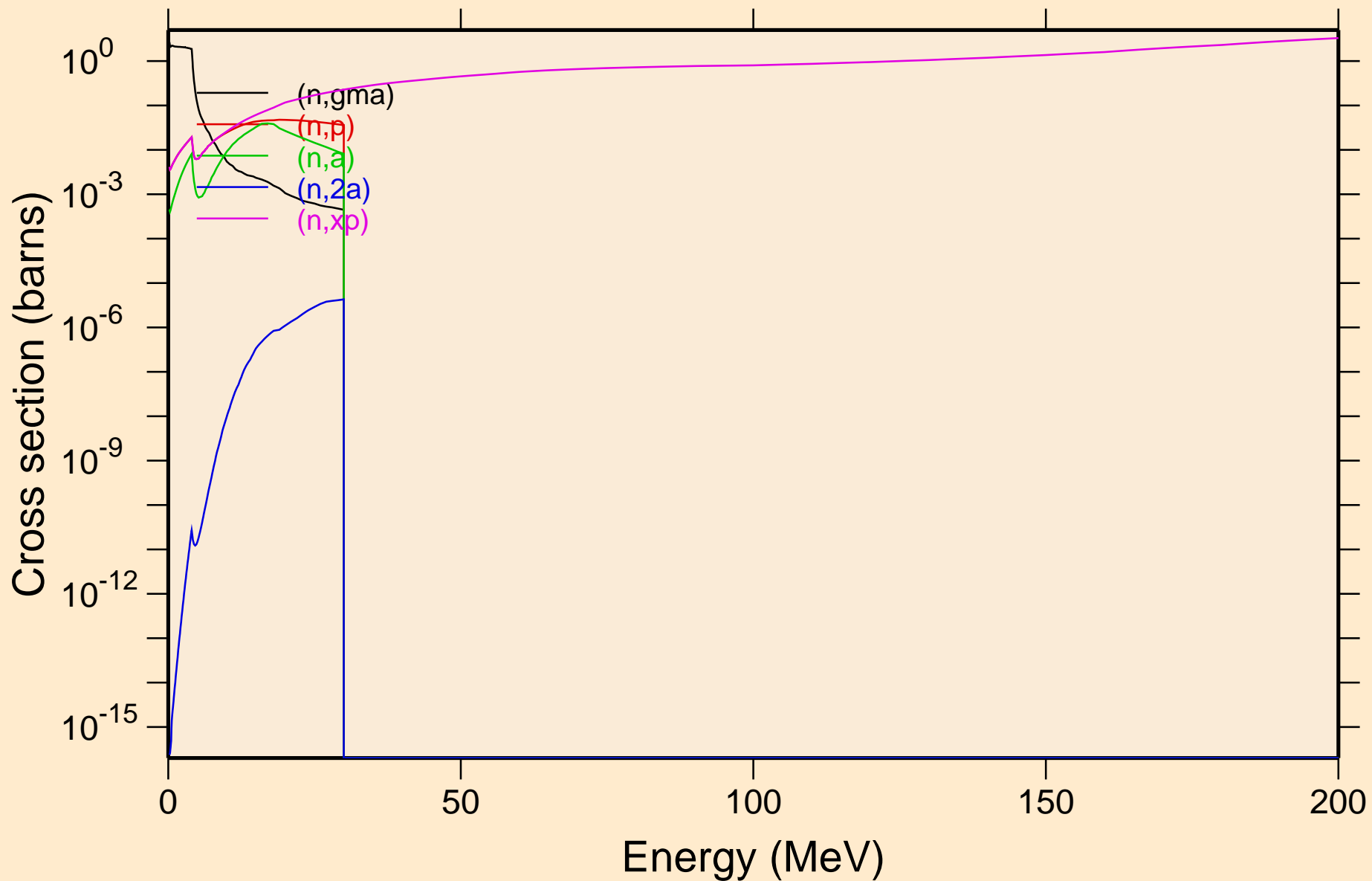
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



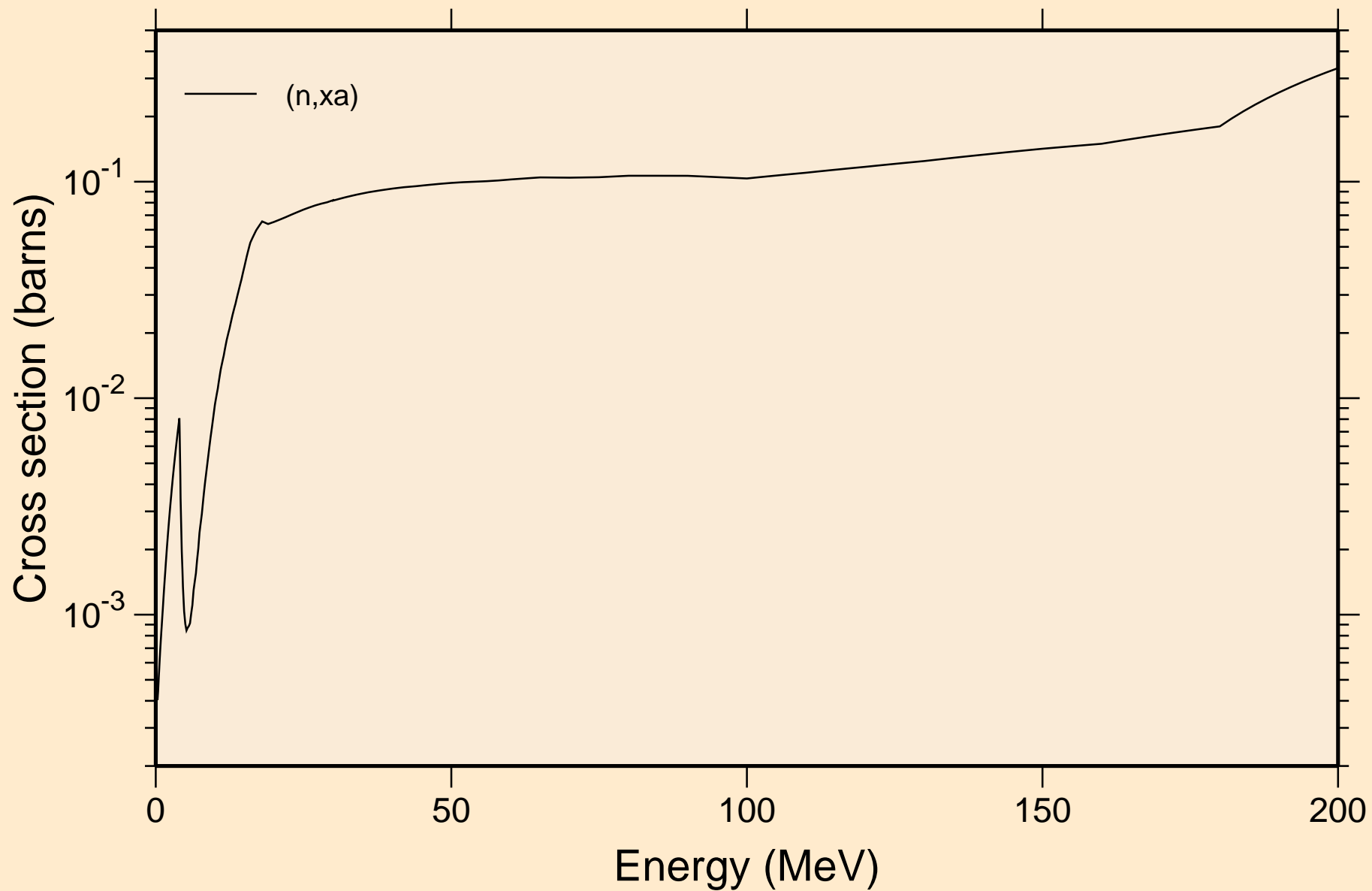
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



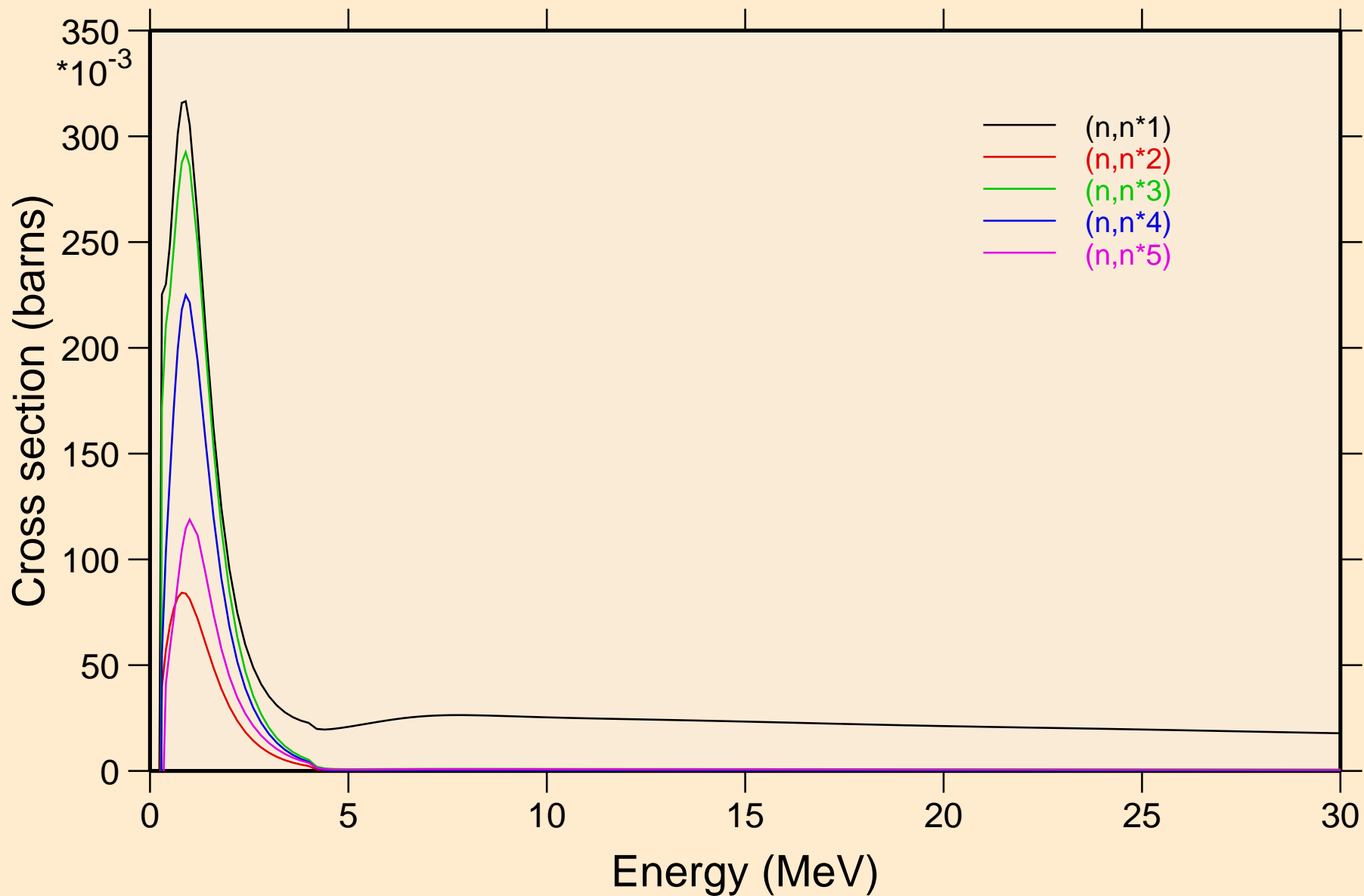
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



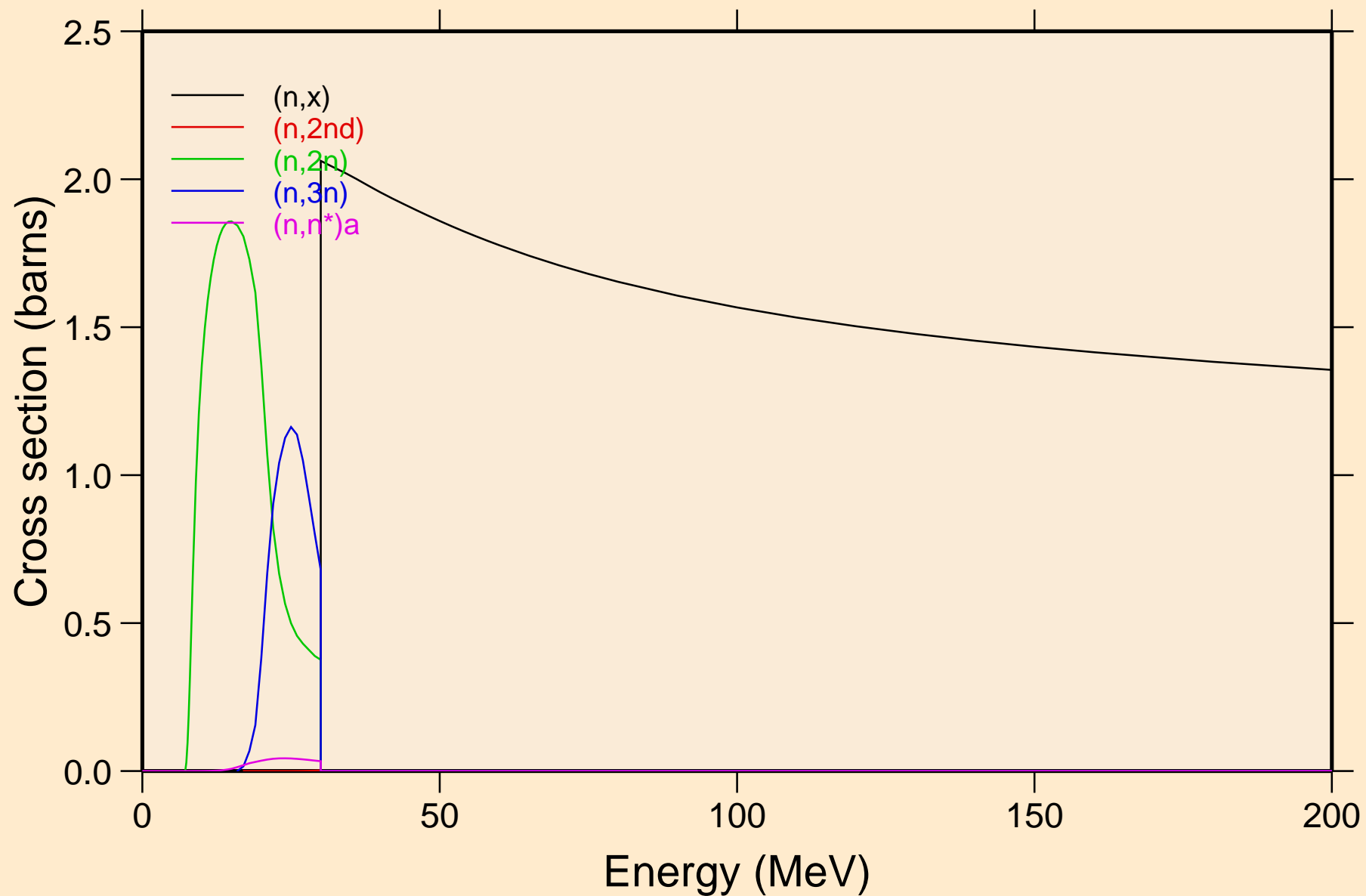
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



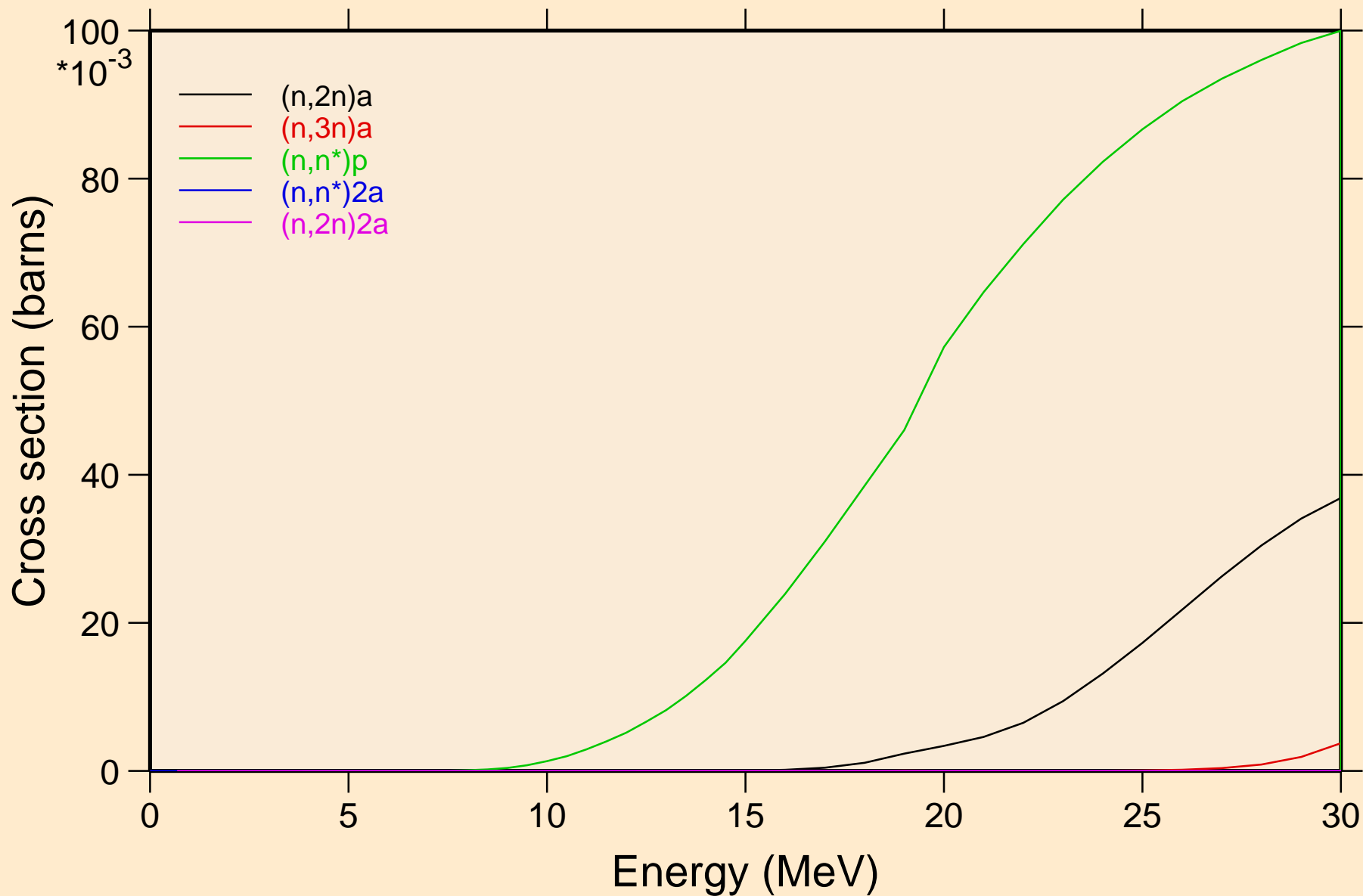
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



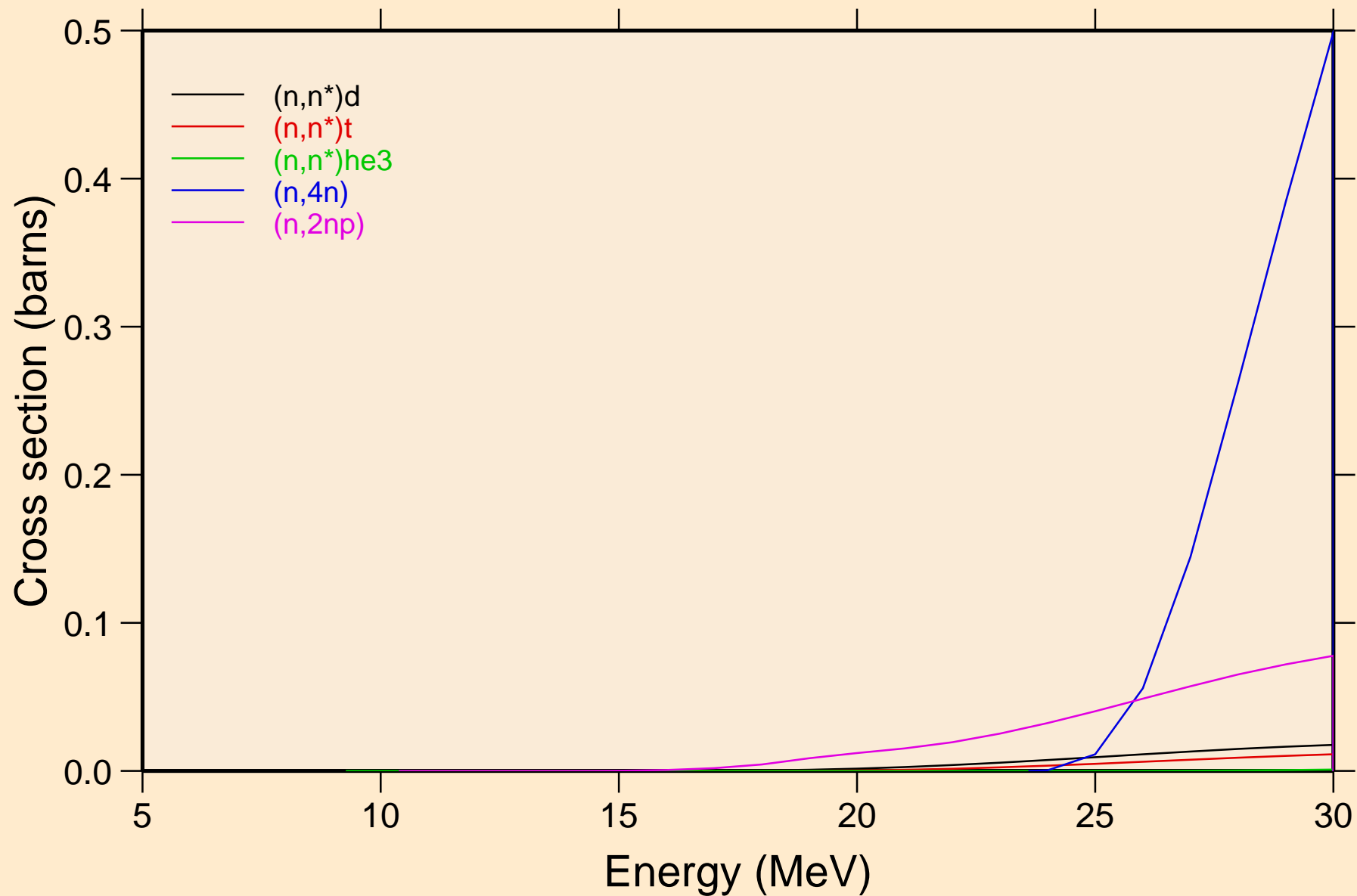
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



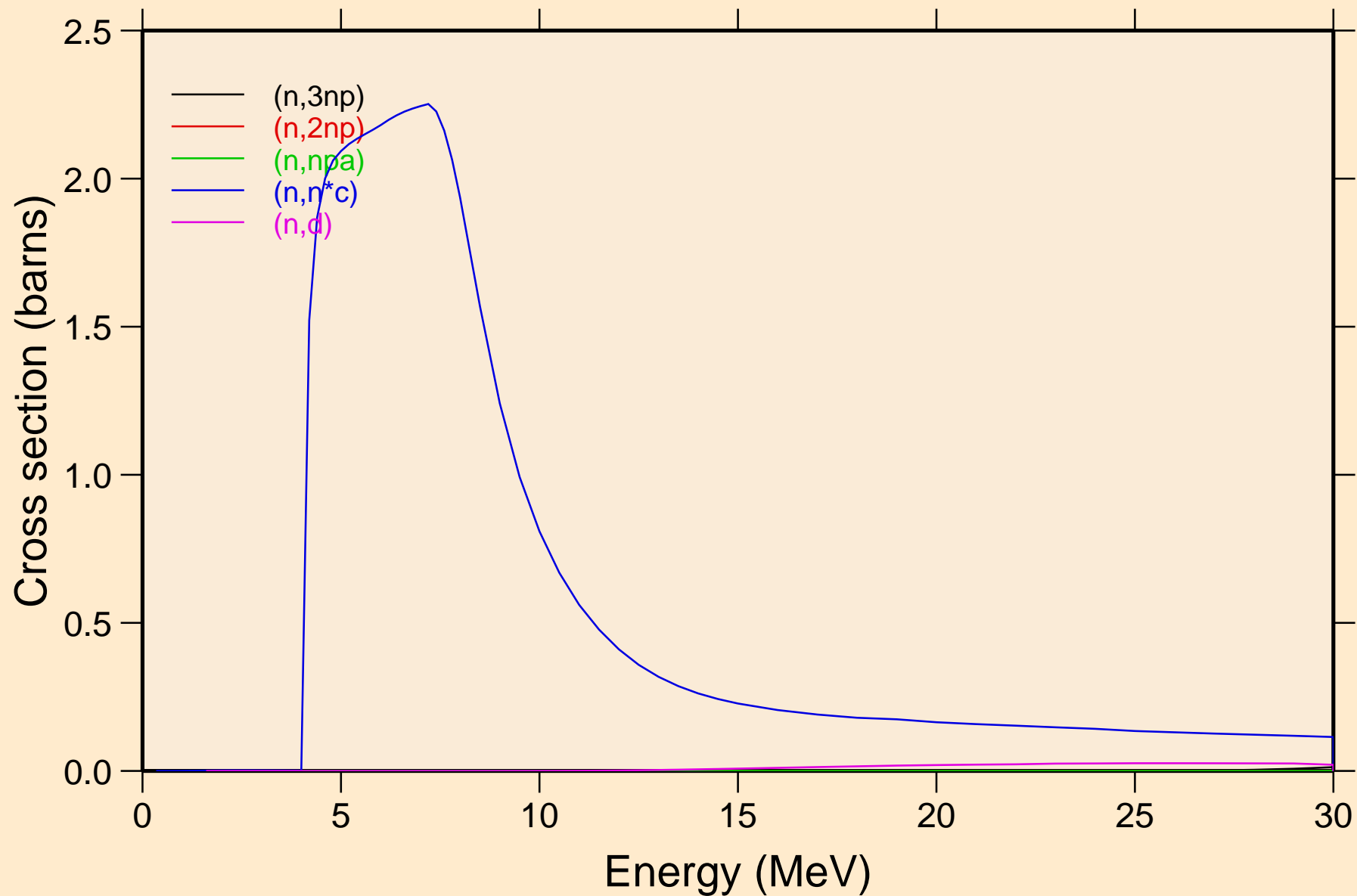
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Threshold reactions



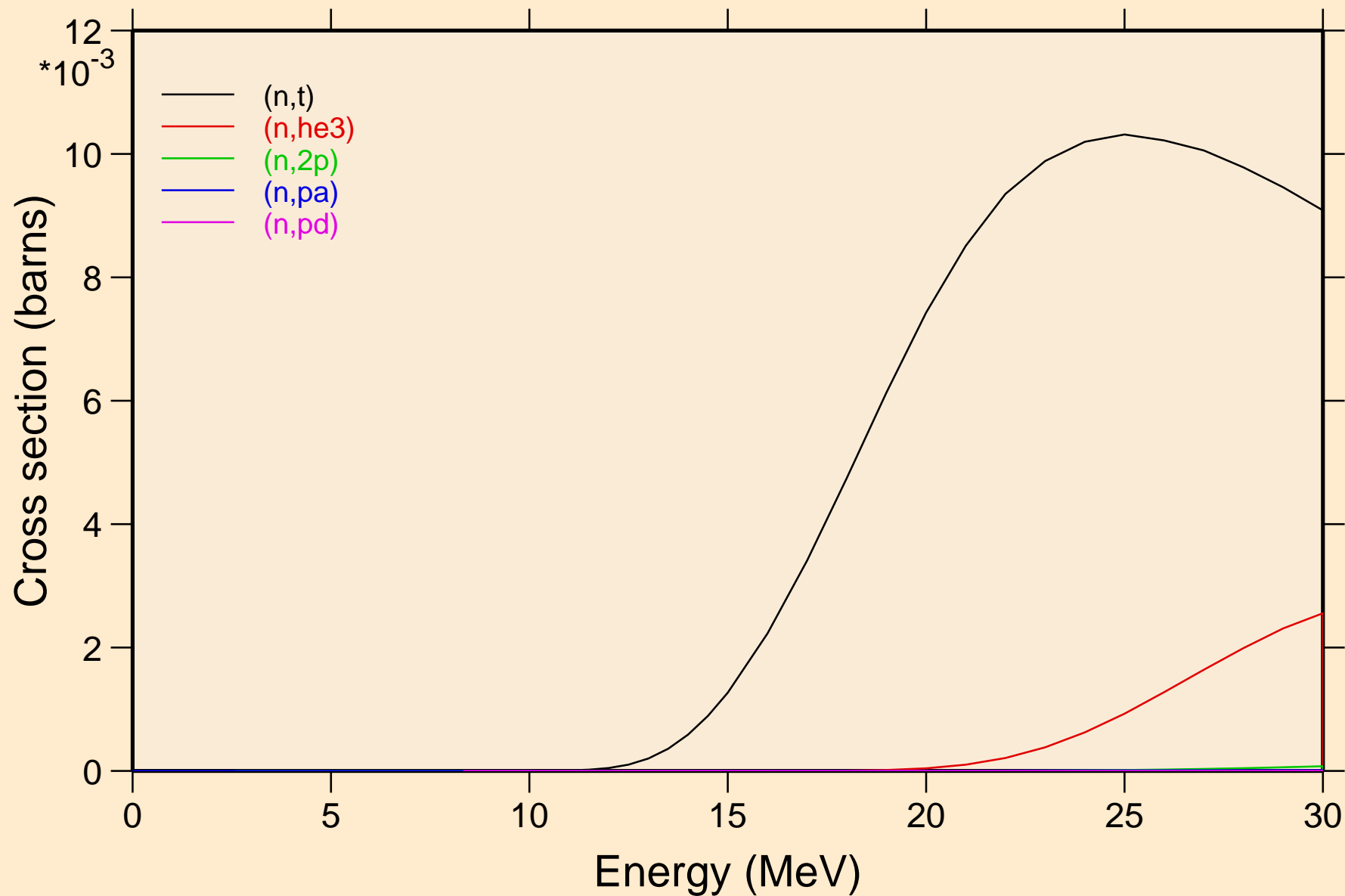
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Threshold reactions



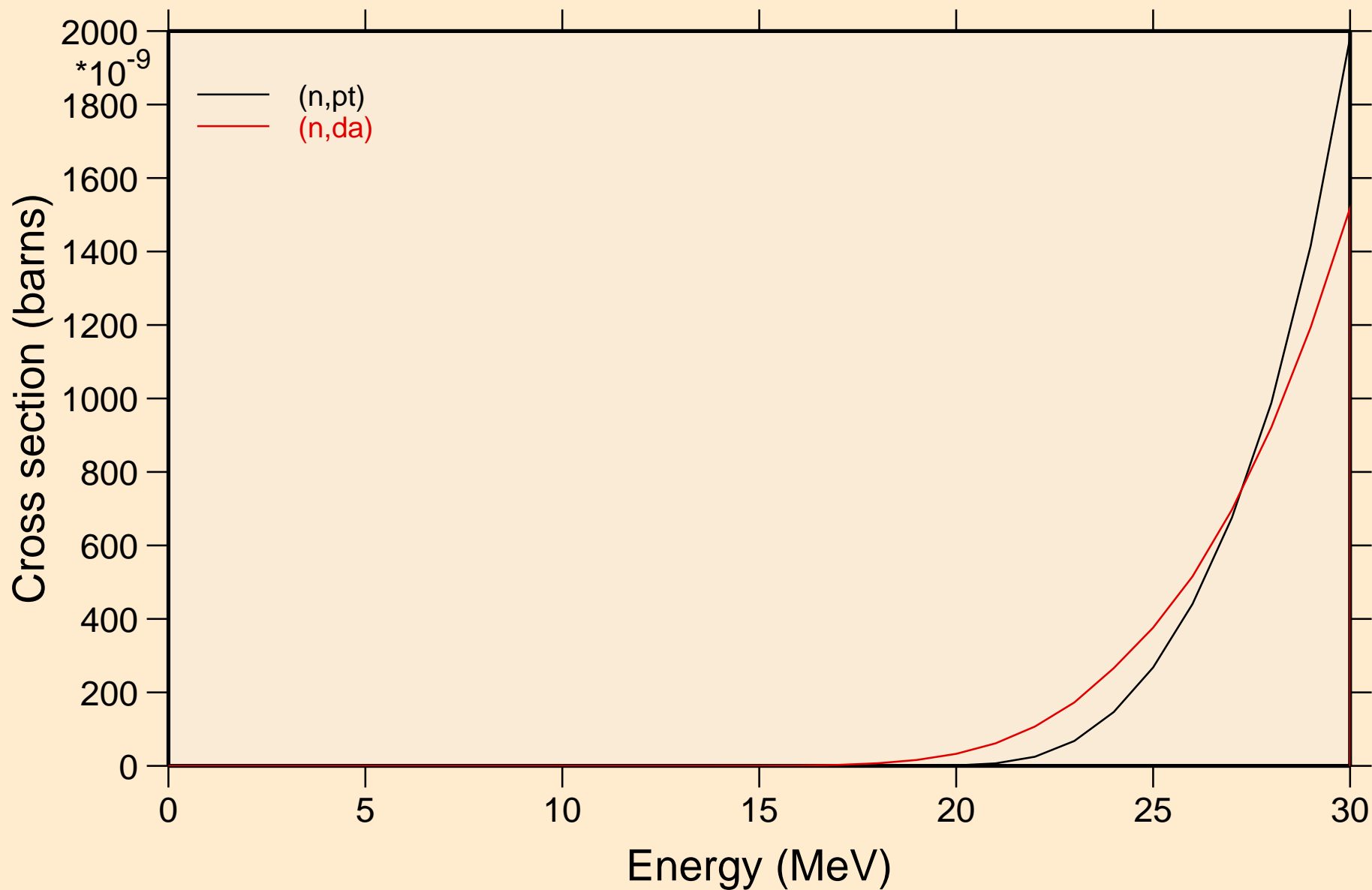
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



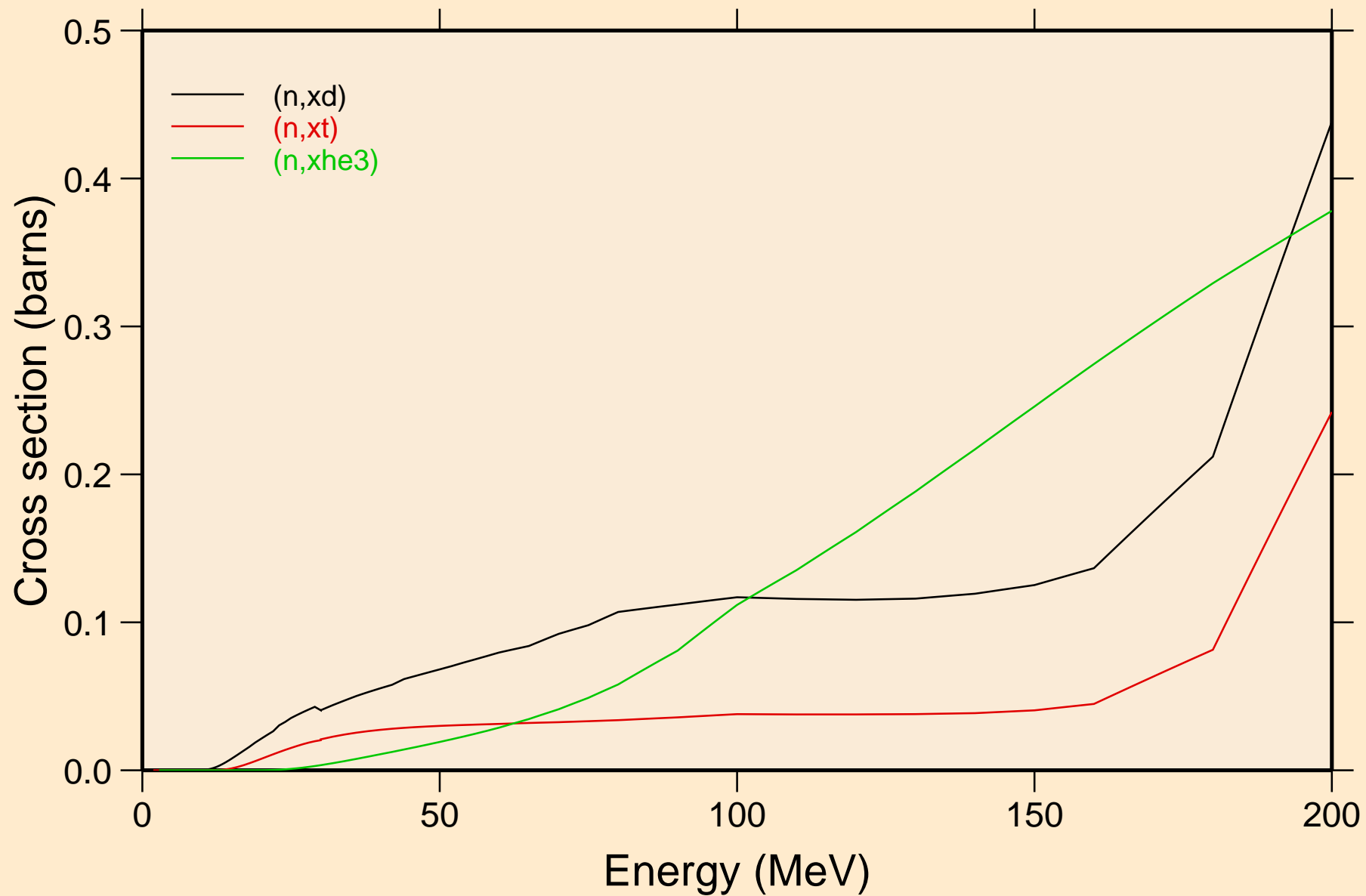
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



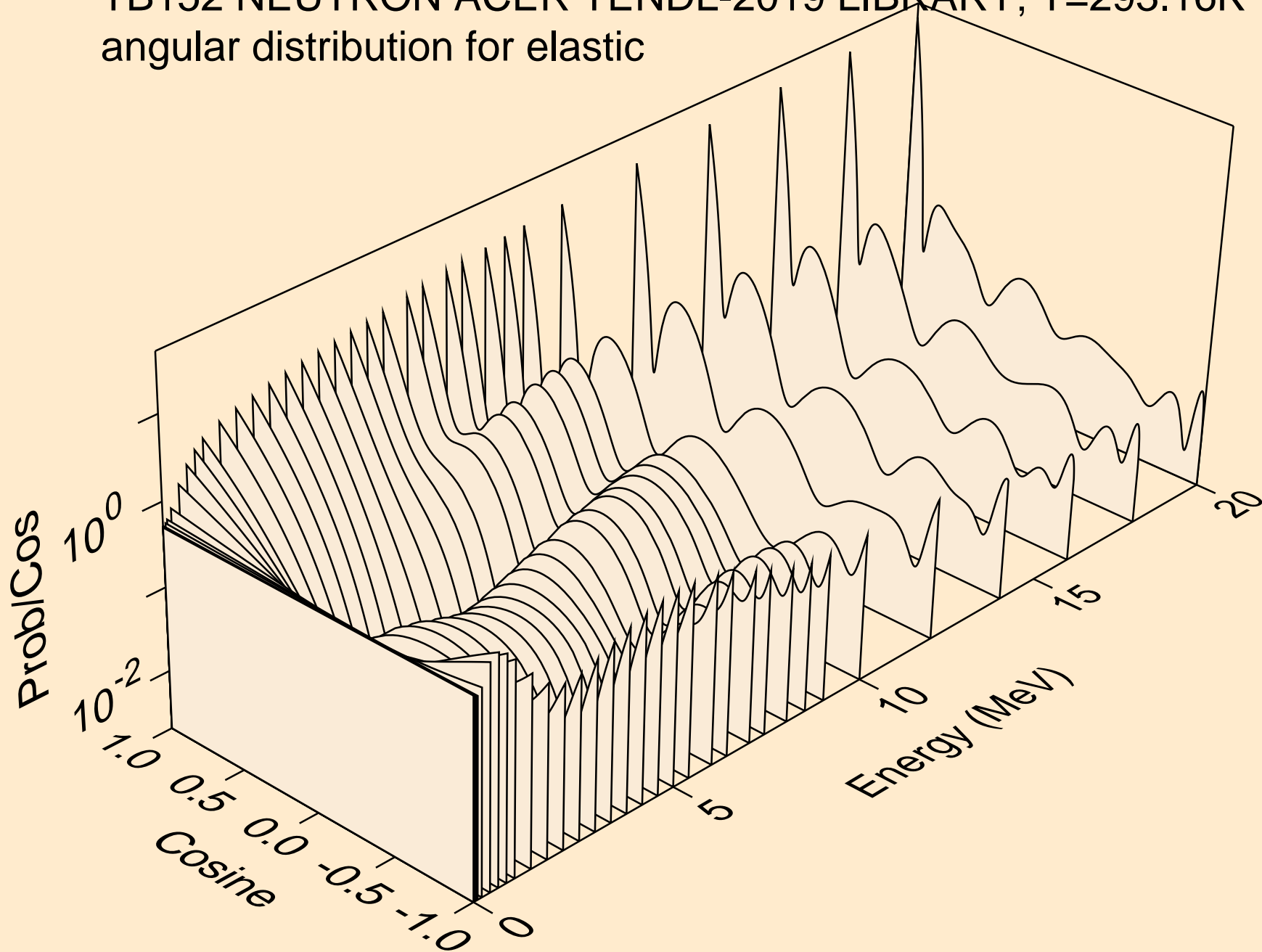
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



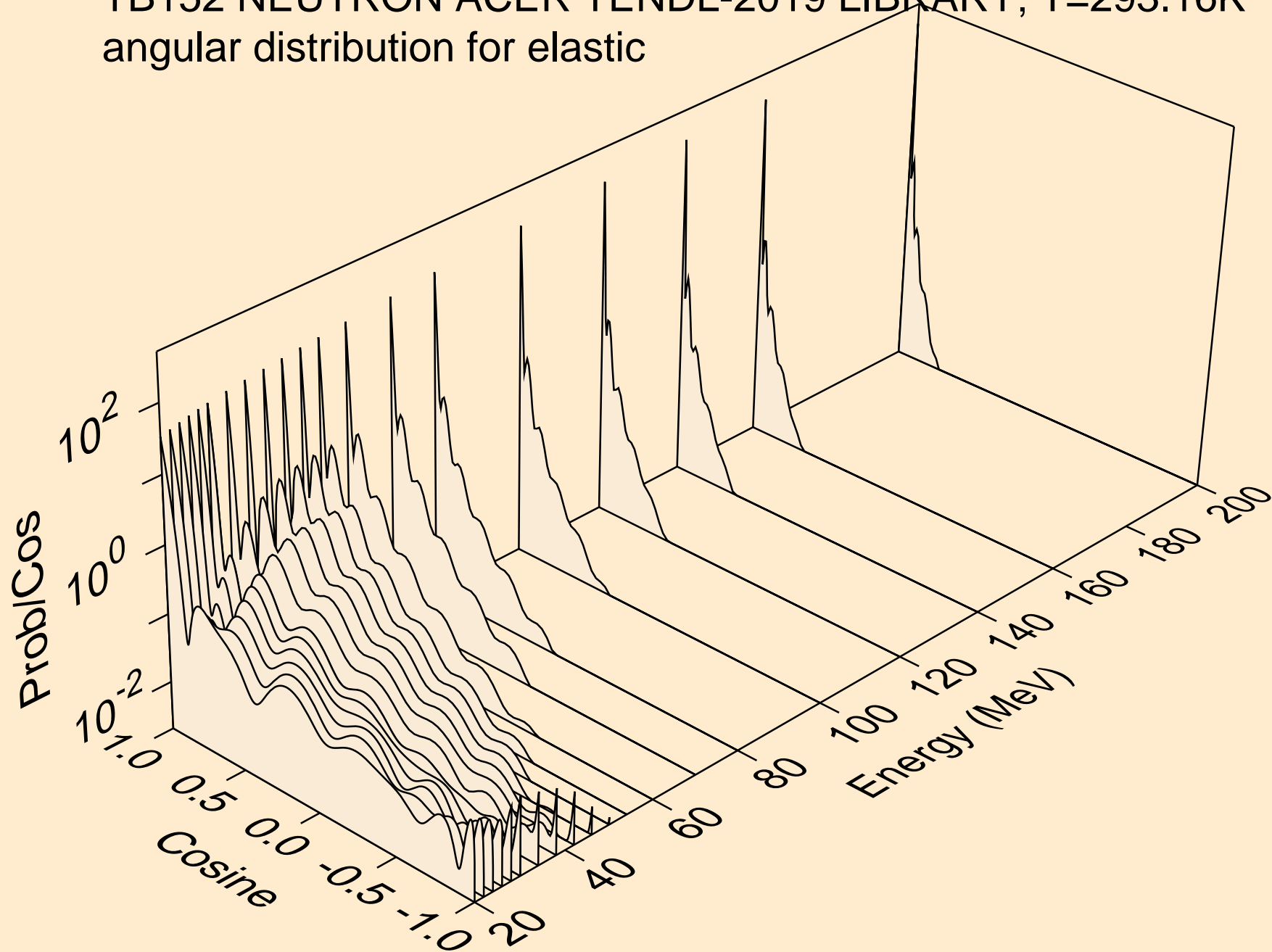
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Threshold reactions



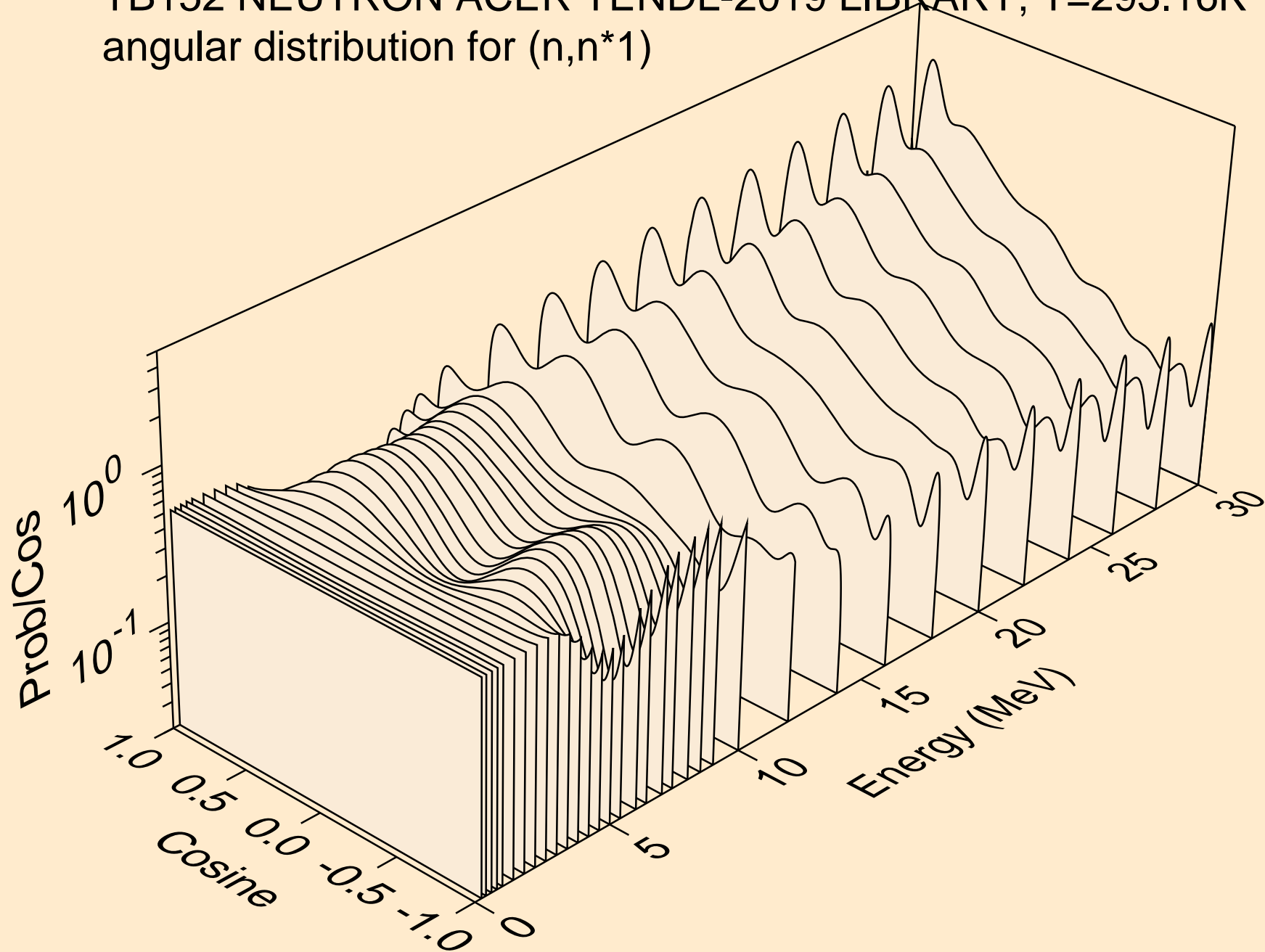
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angular distribution for elastic



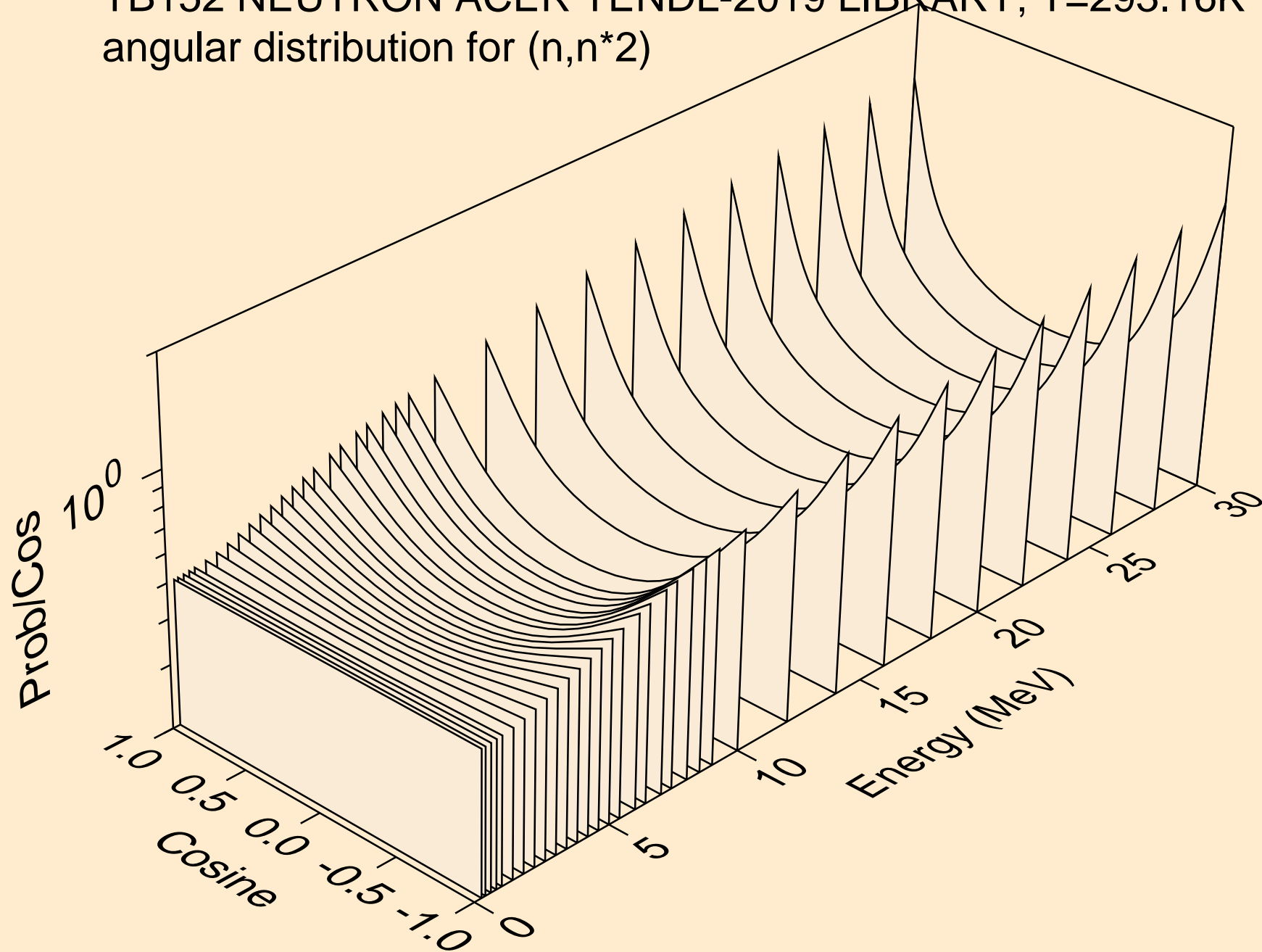
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angular distribution for elastic



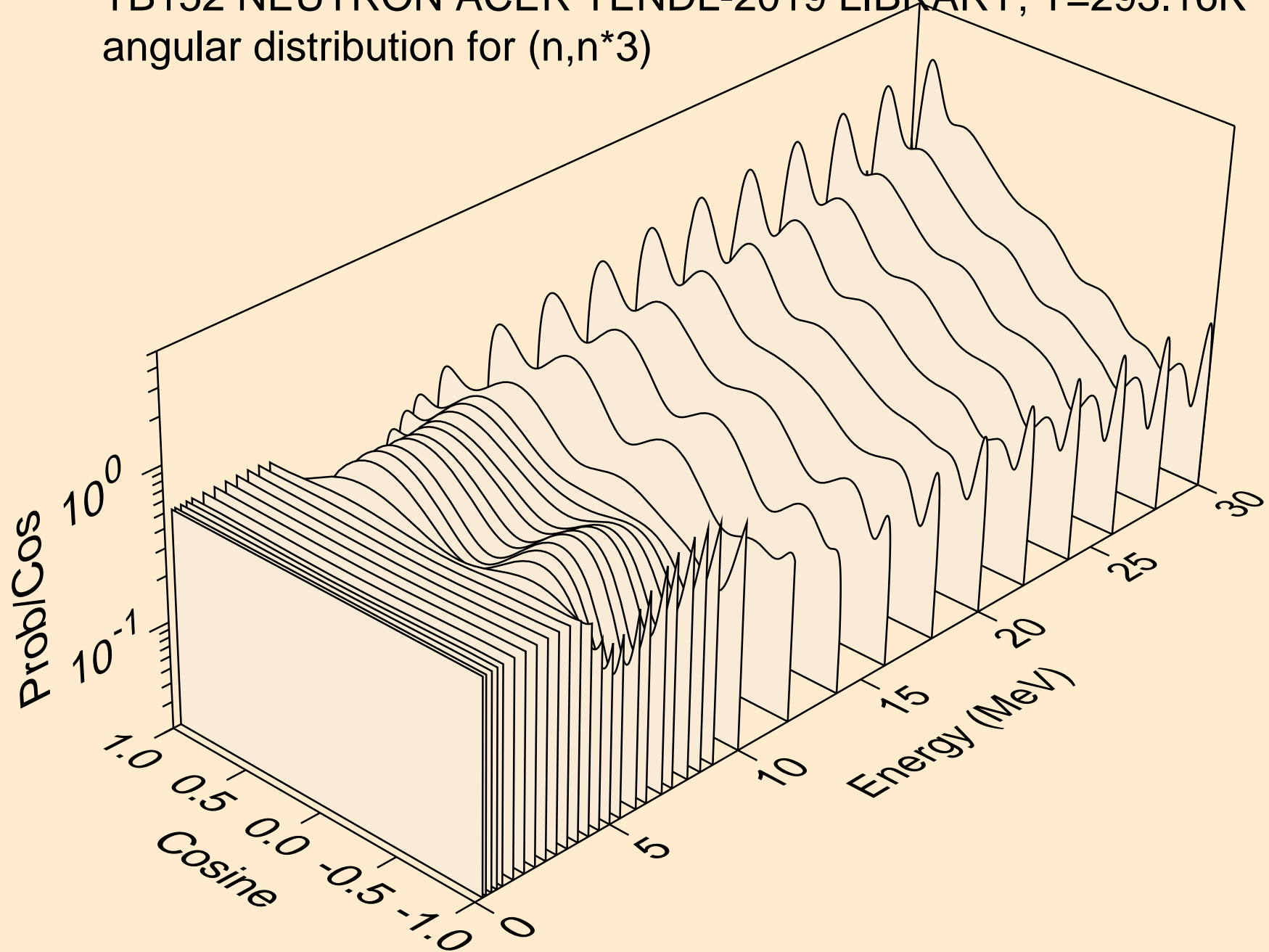
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



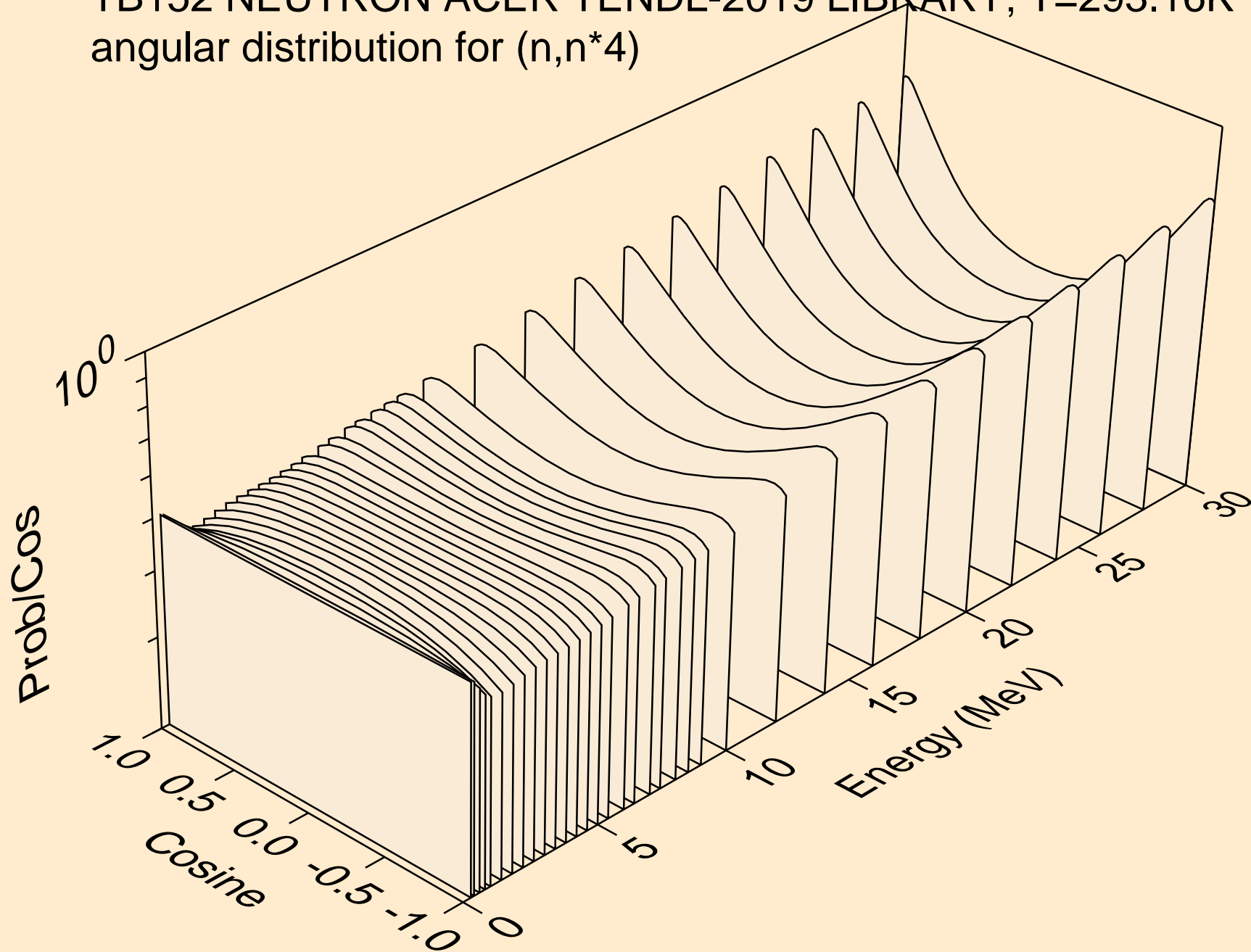
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angular distribution for (n,n*2)



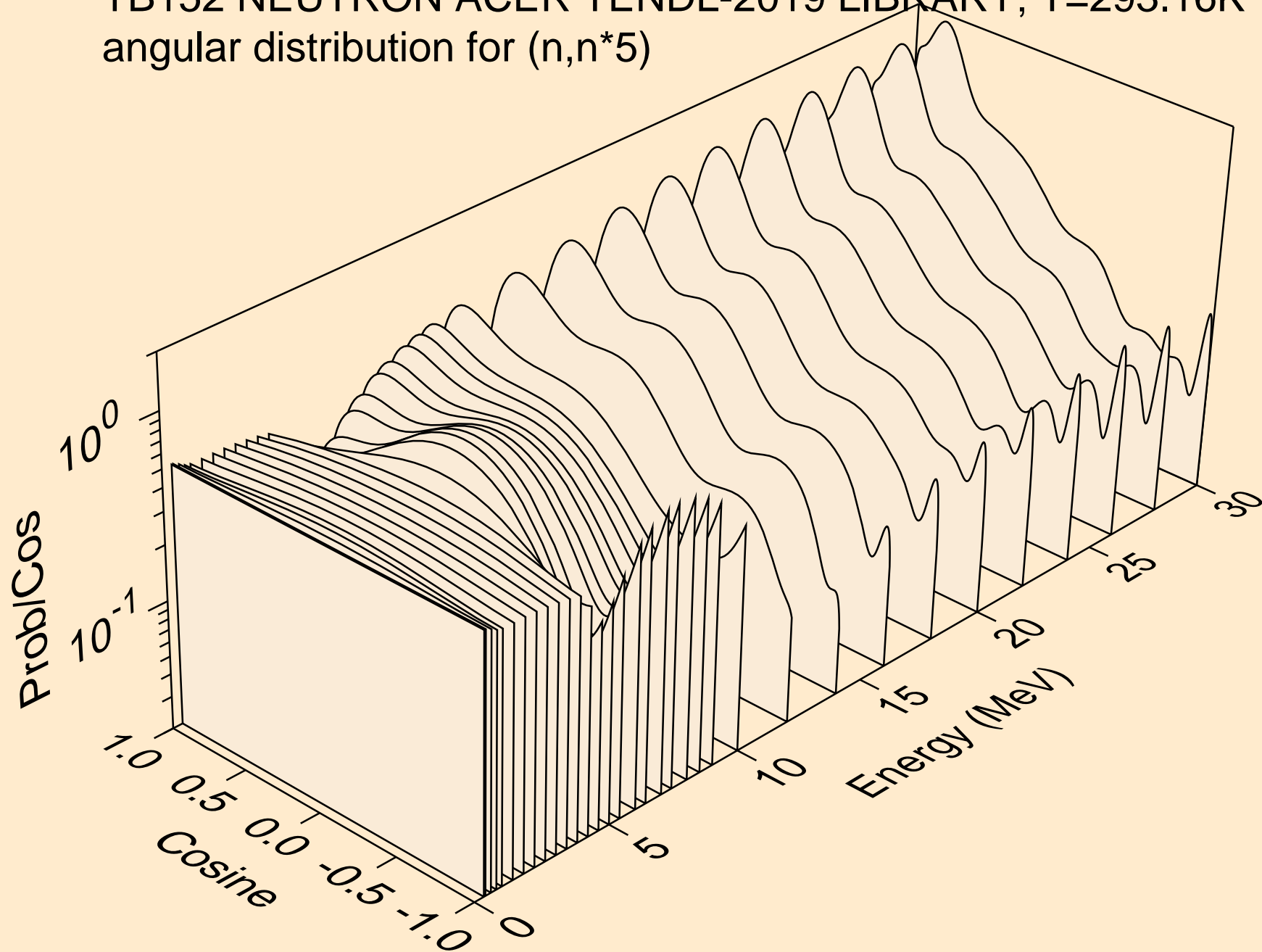
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angular distribution for (n,n*3)



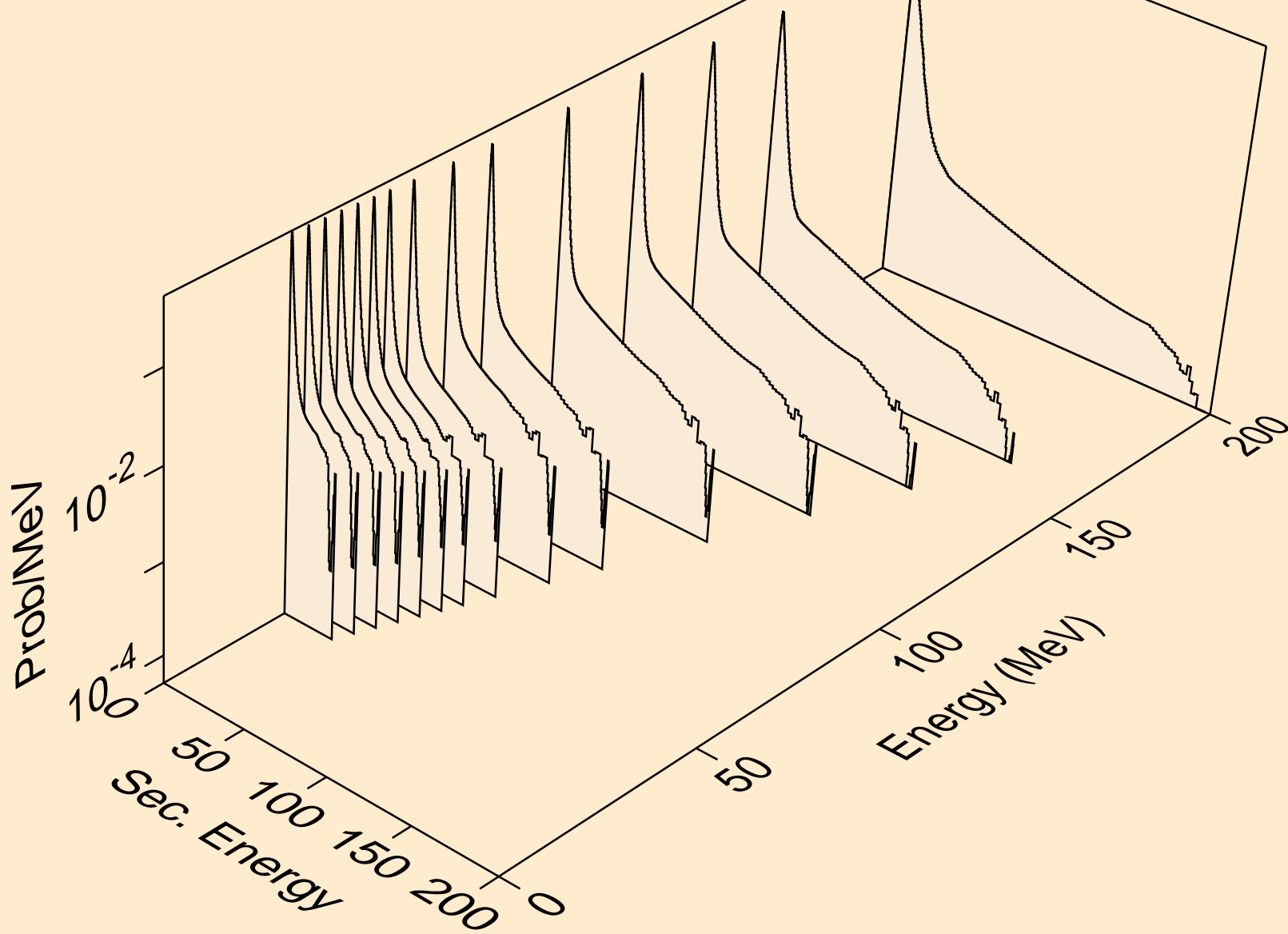
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angular distribution for (n,n*4)



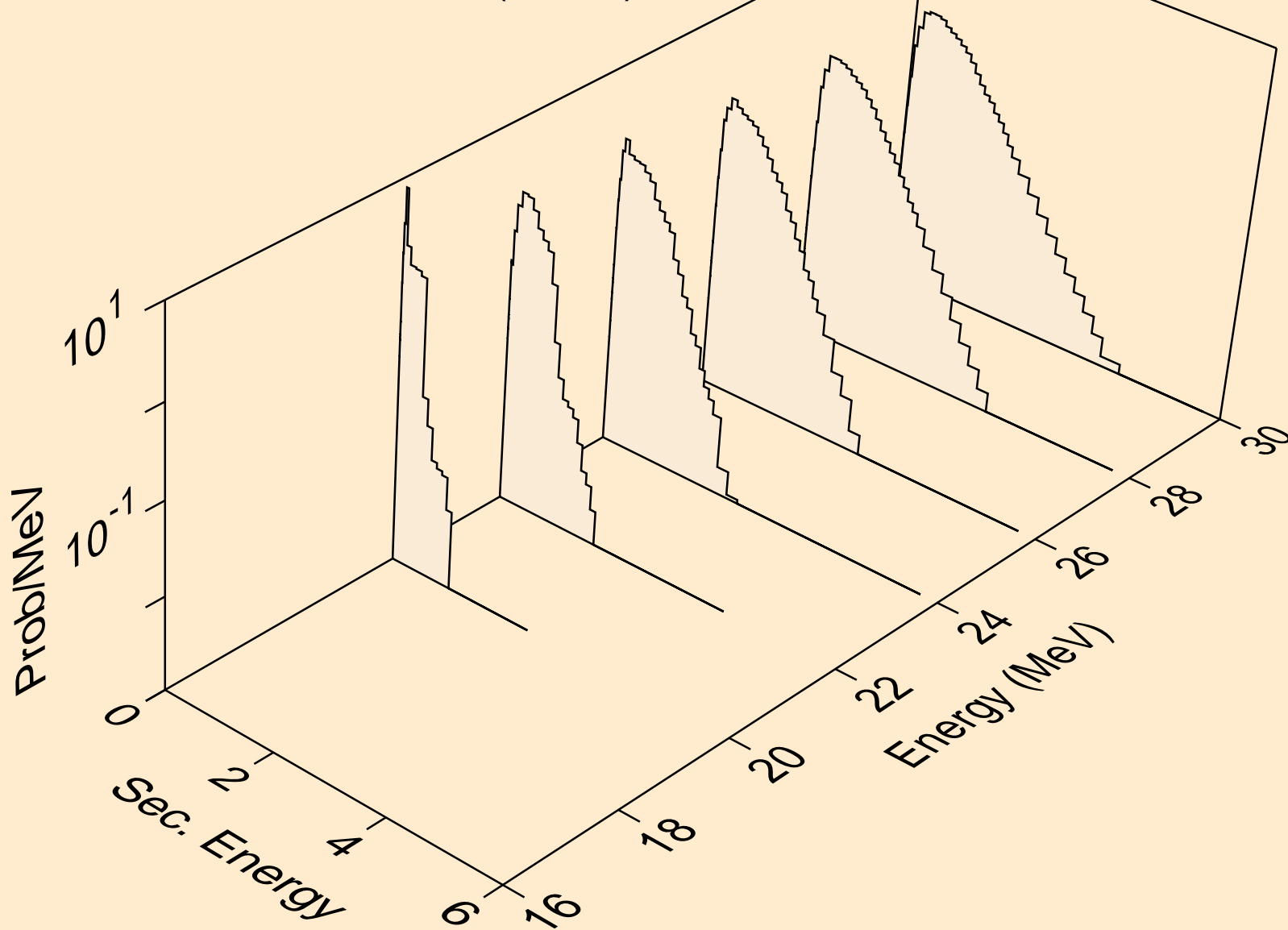
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angular distribution for (n,n*5)



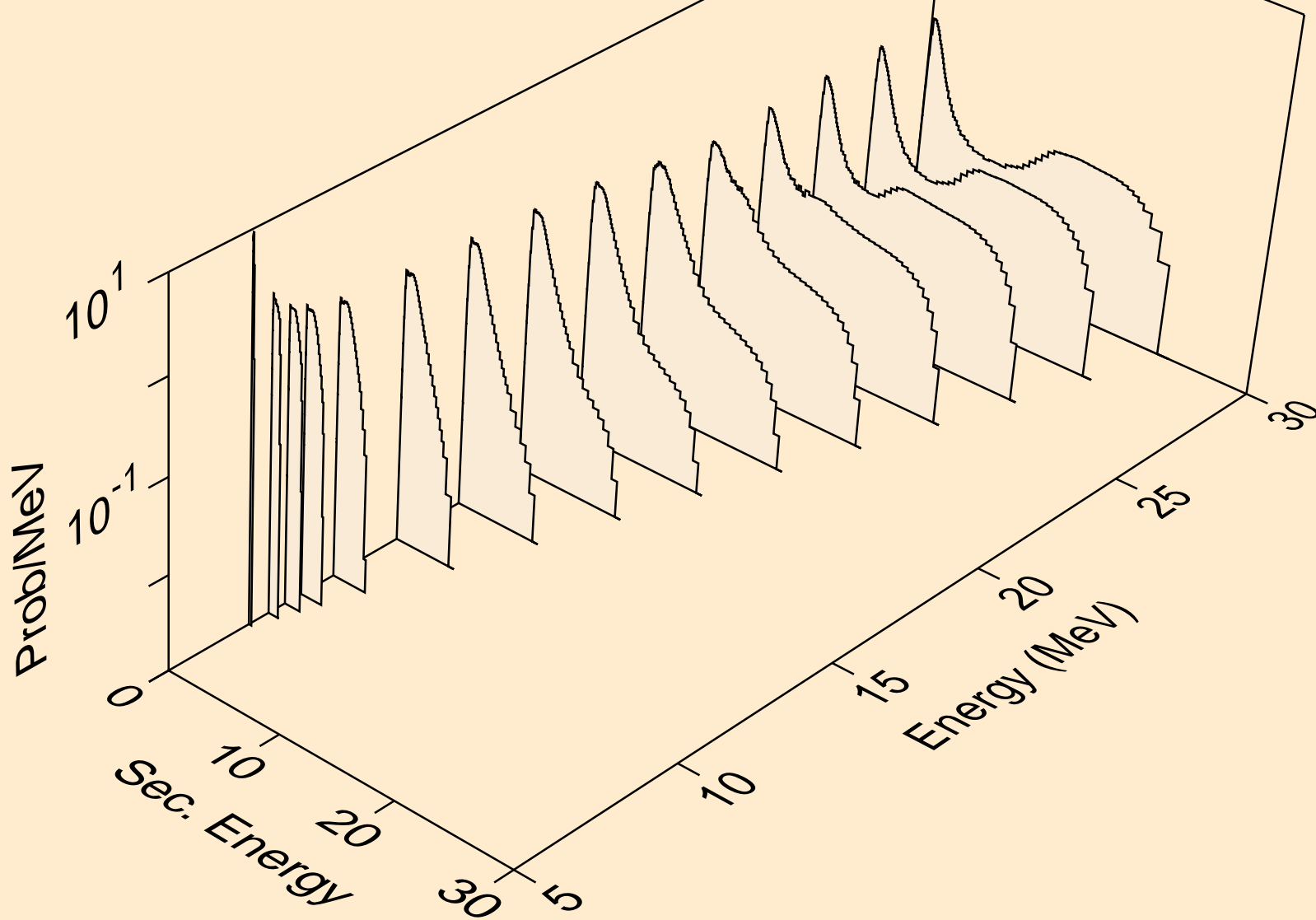
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



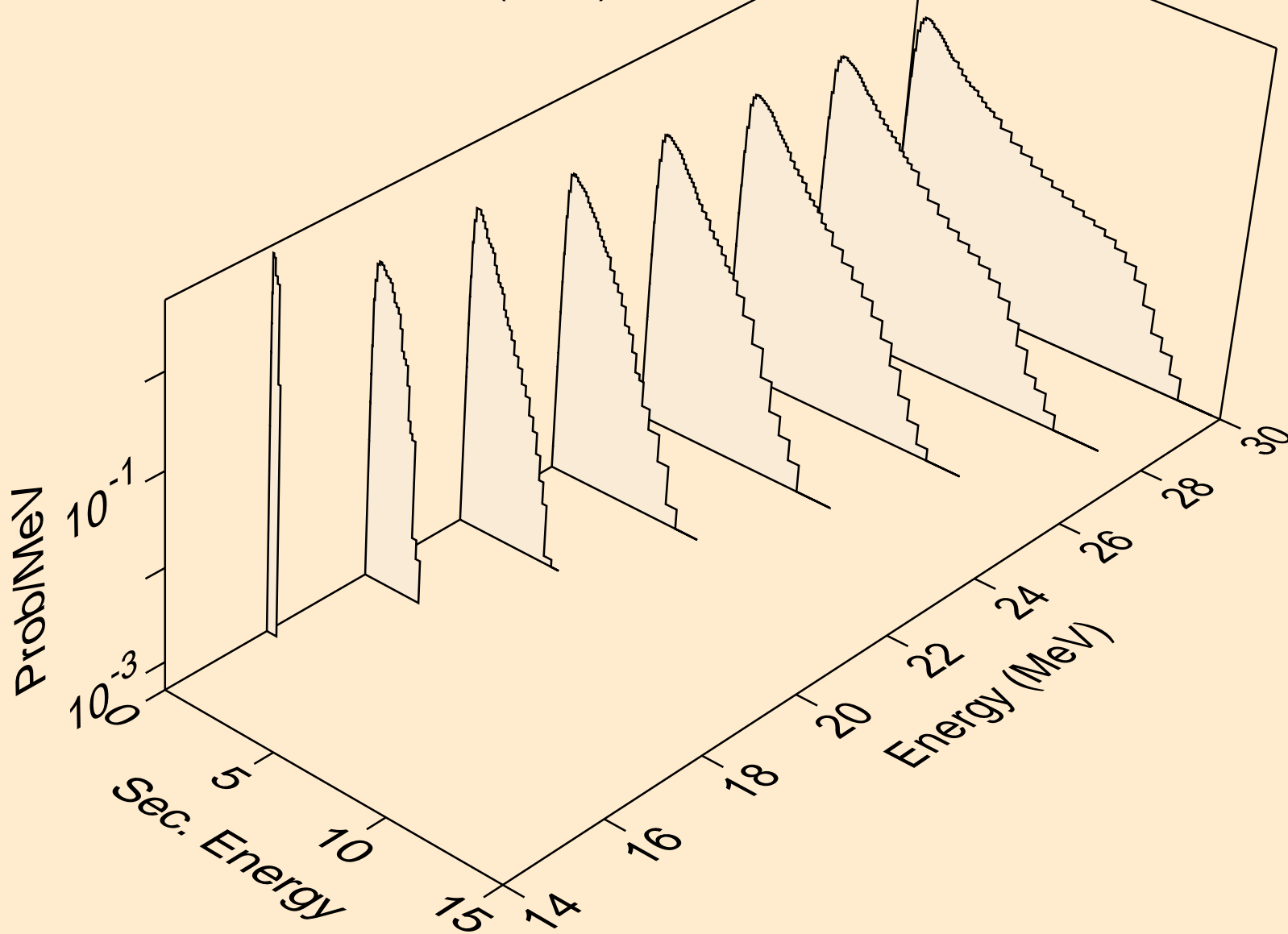
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



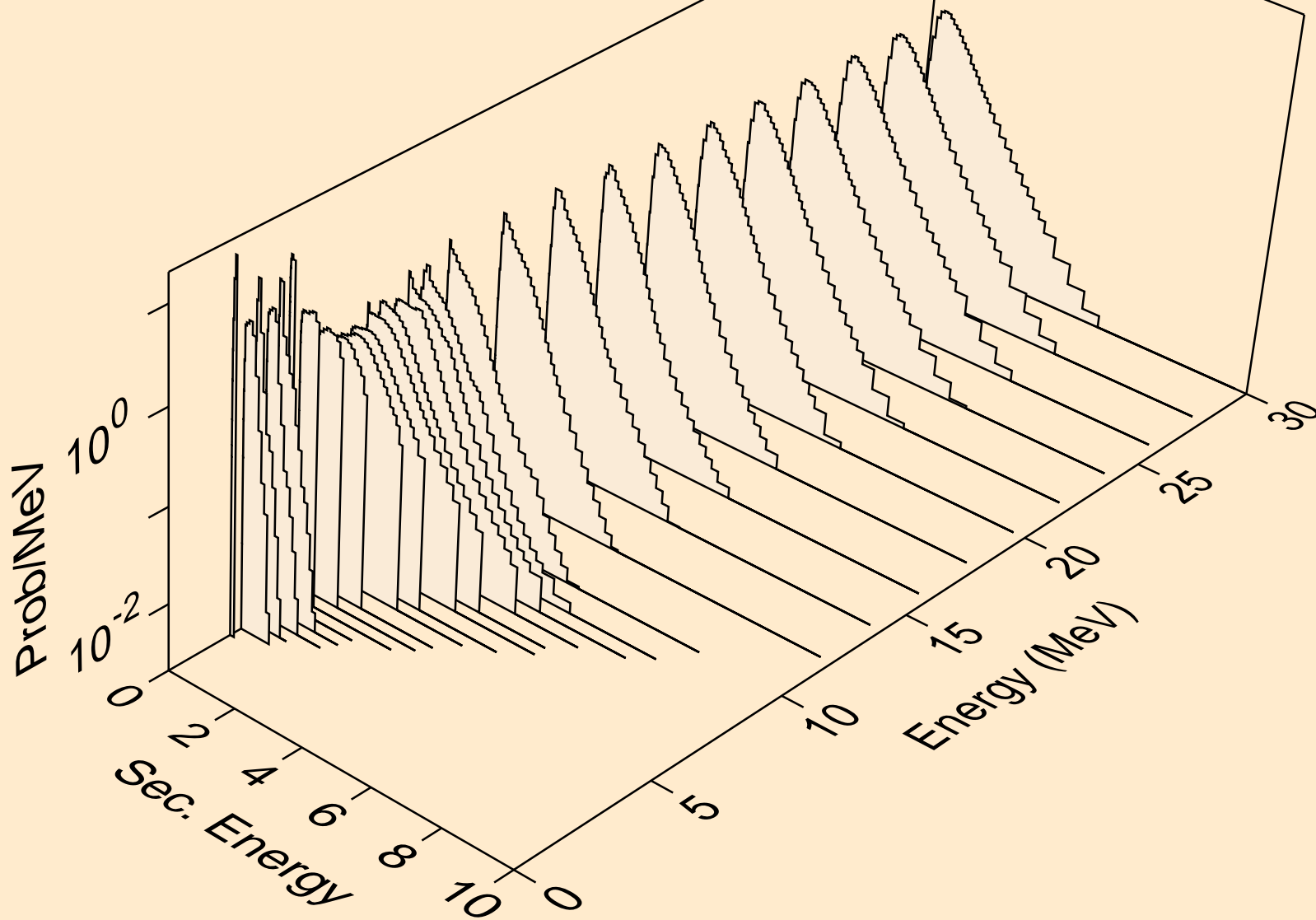
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



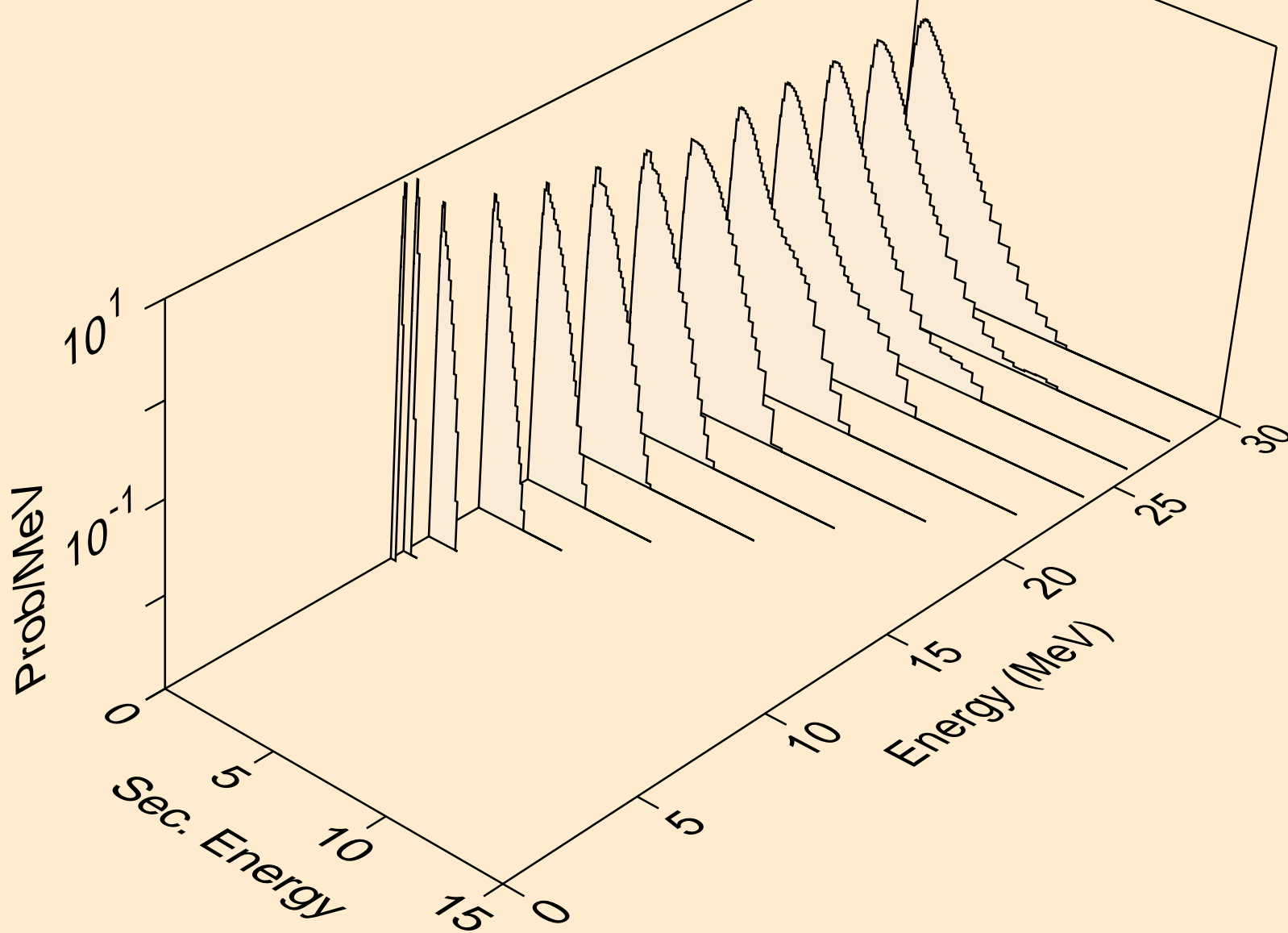
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



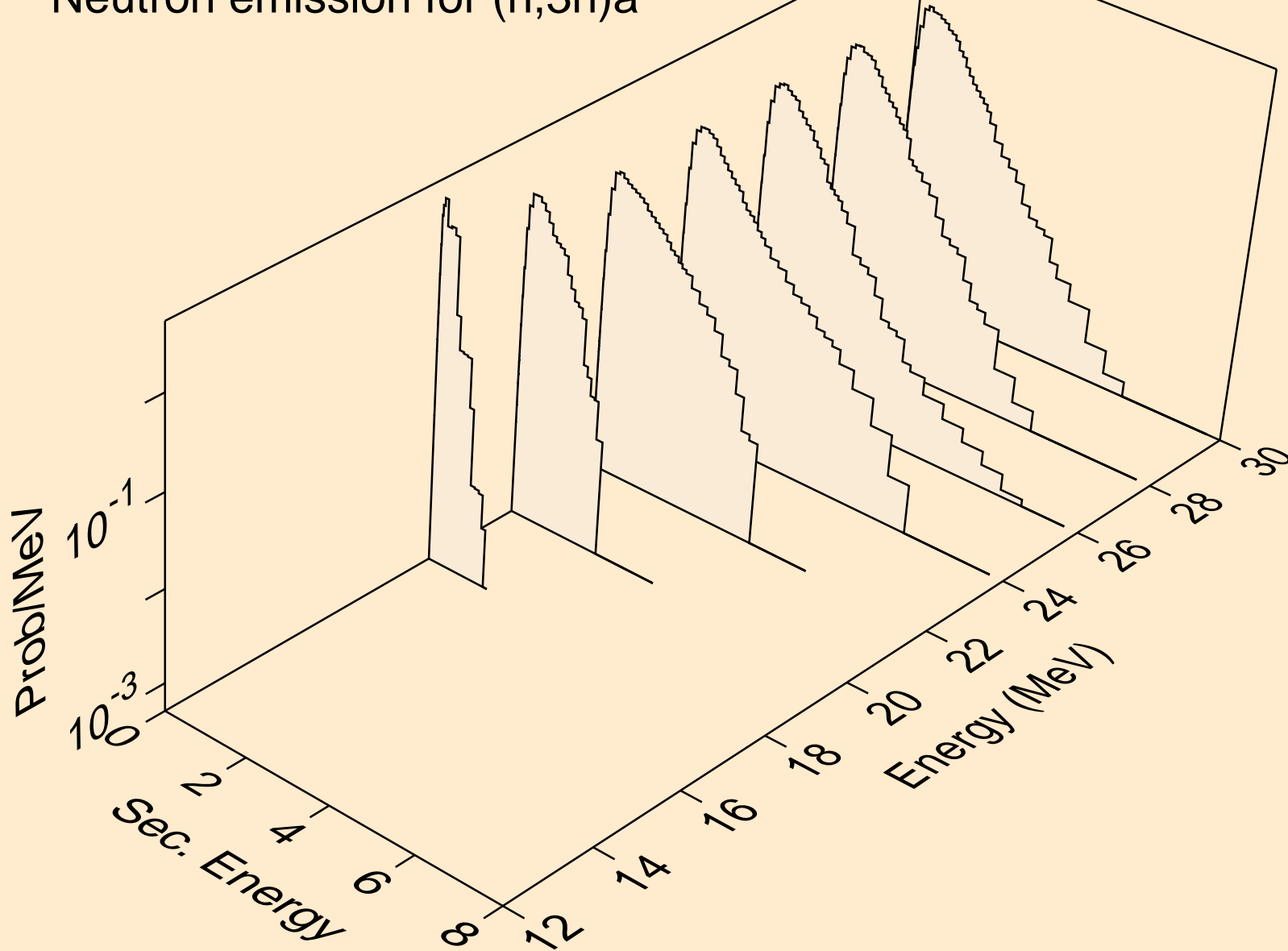
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



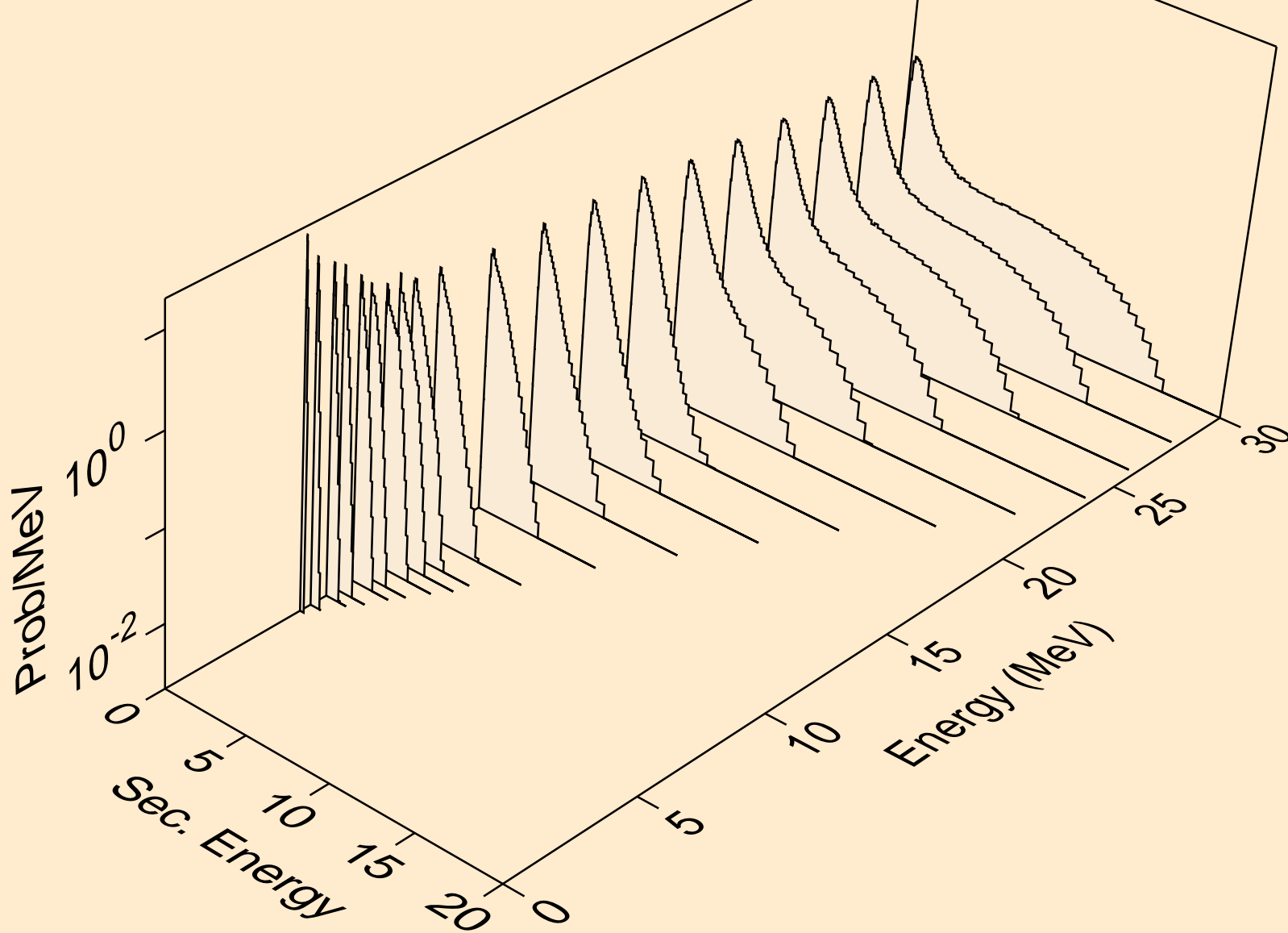
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)_a



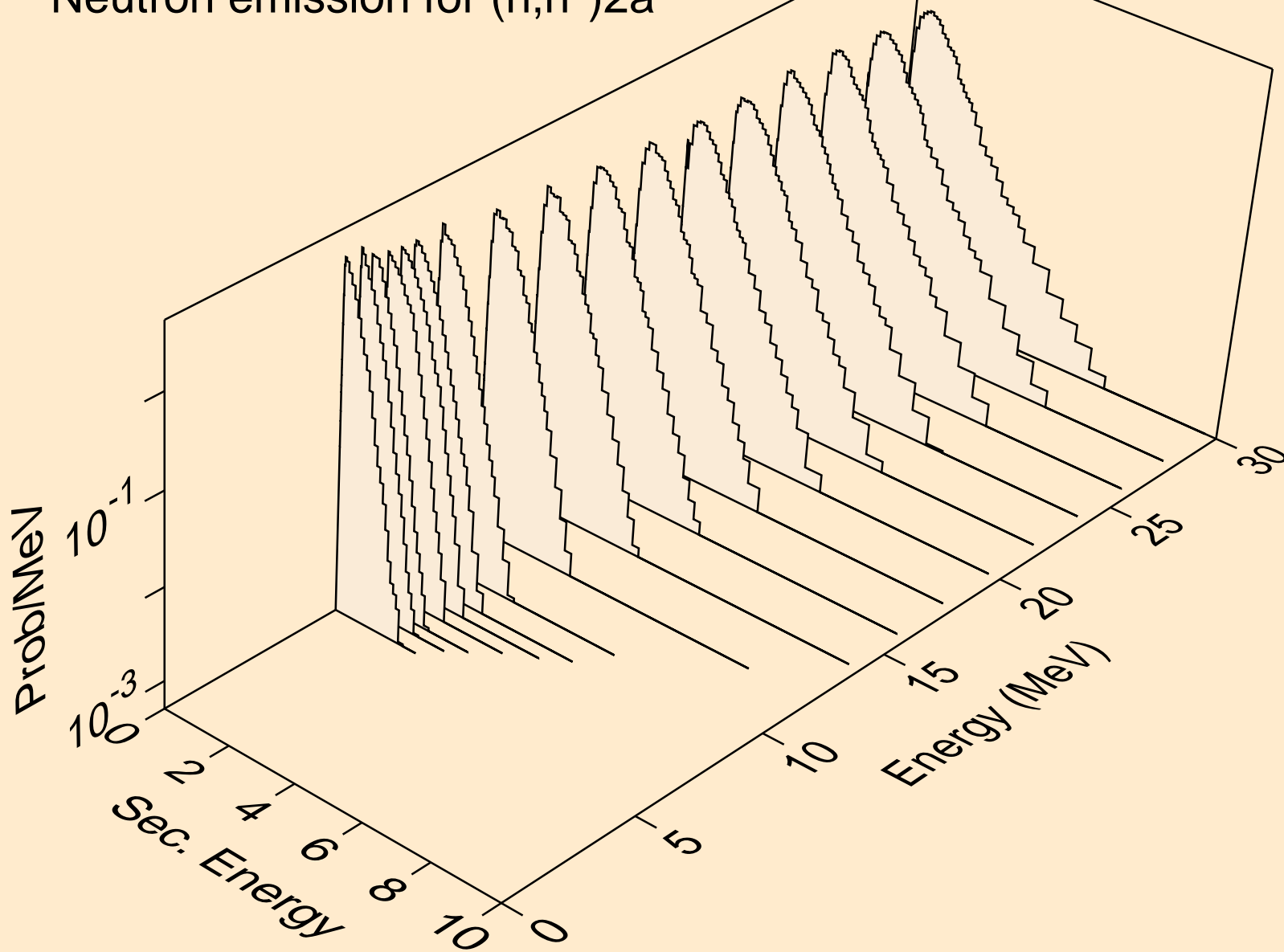
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



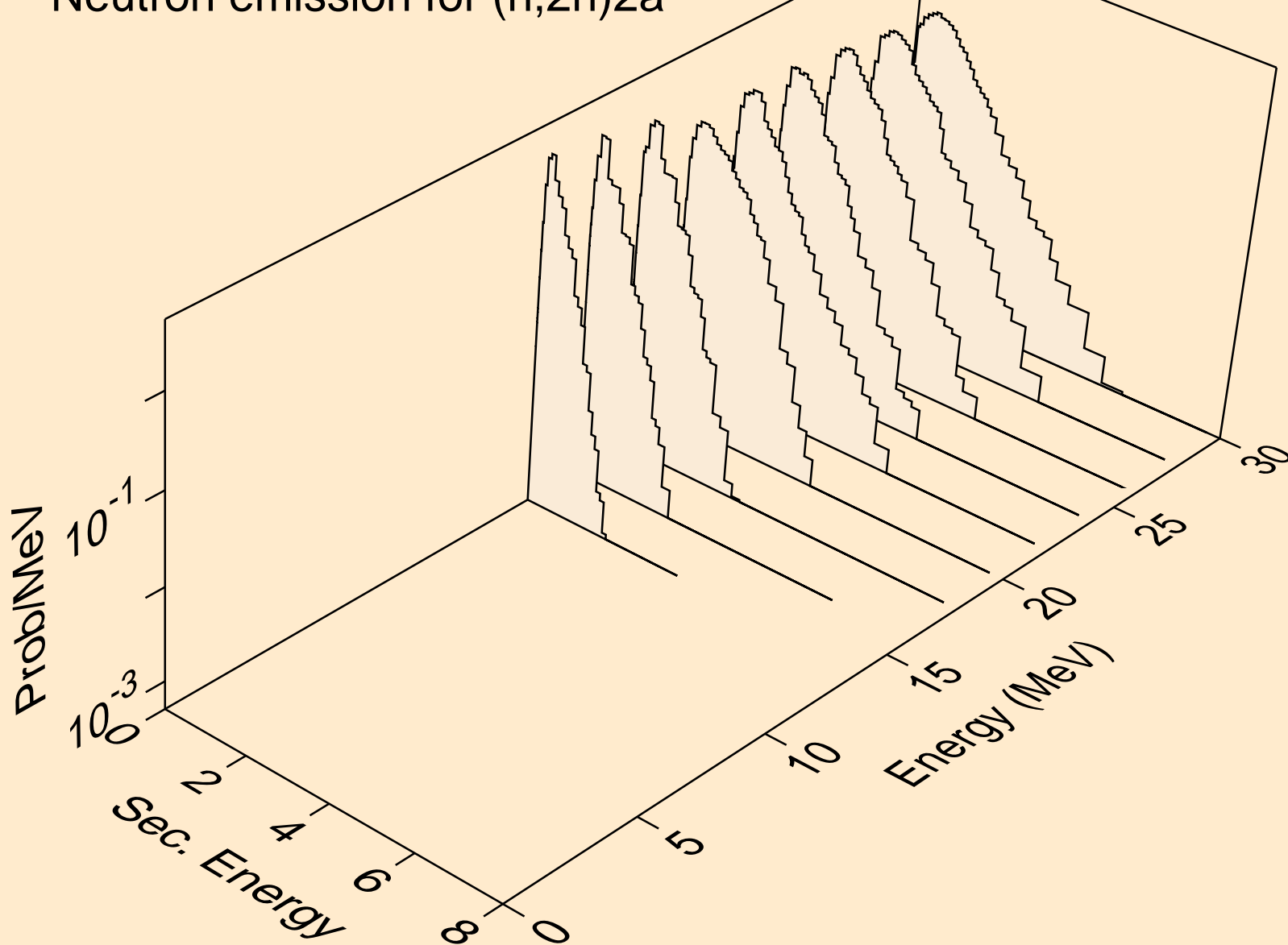
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



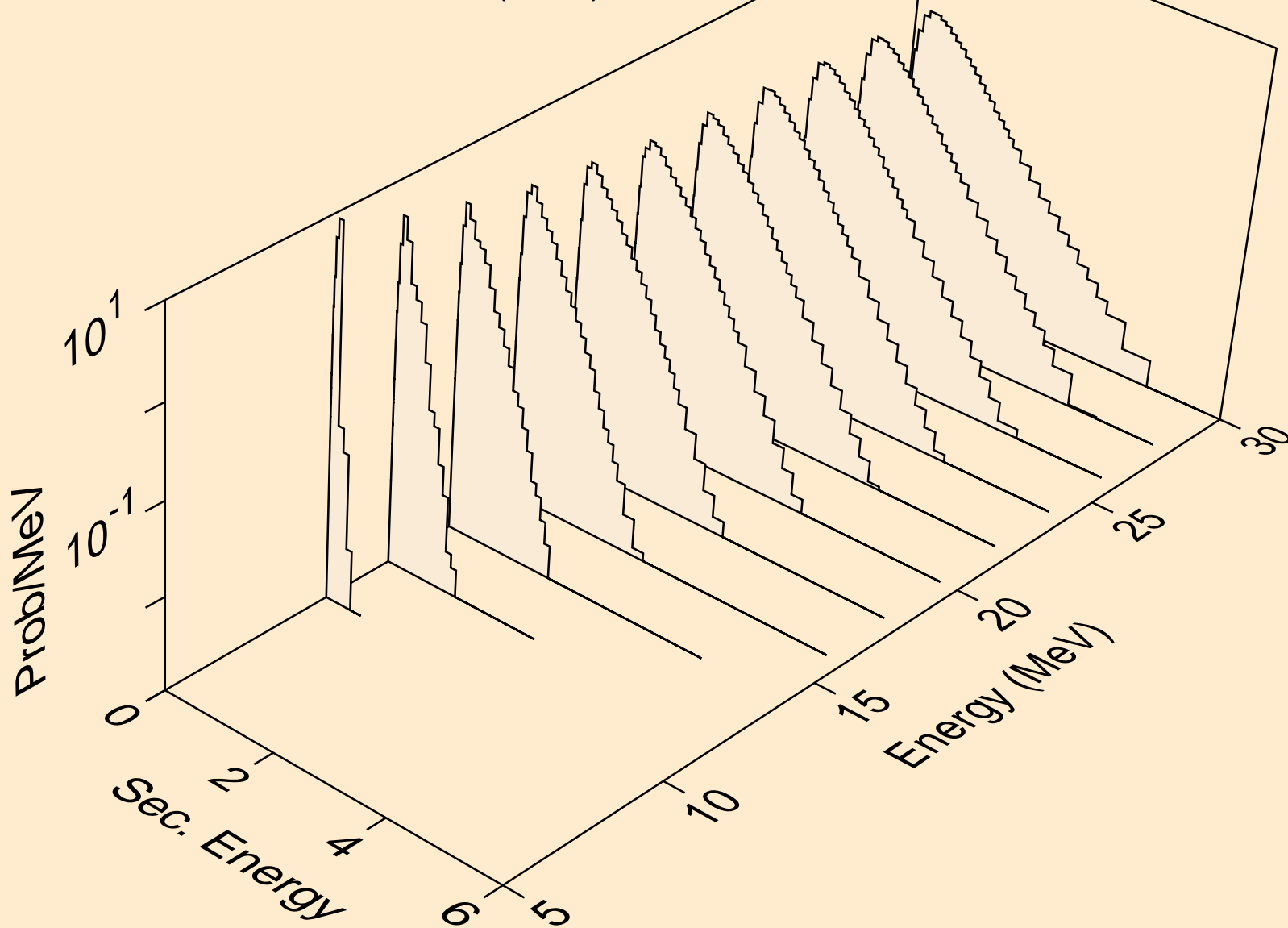
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



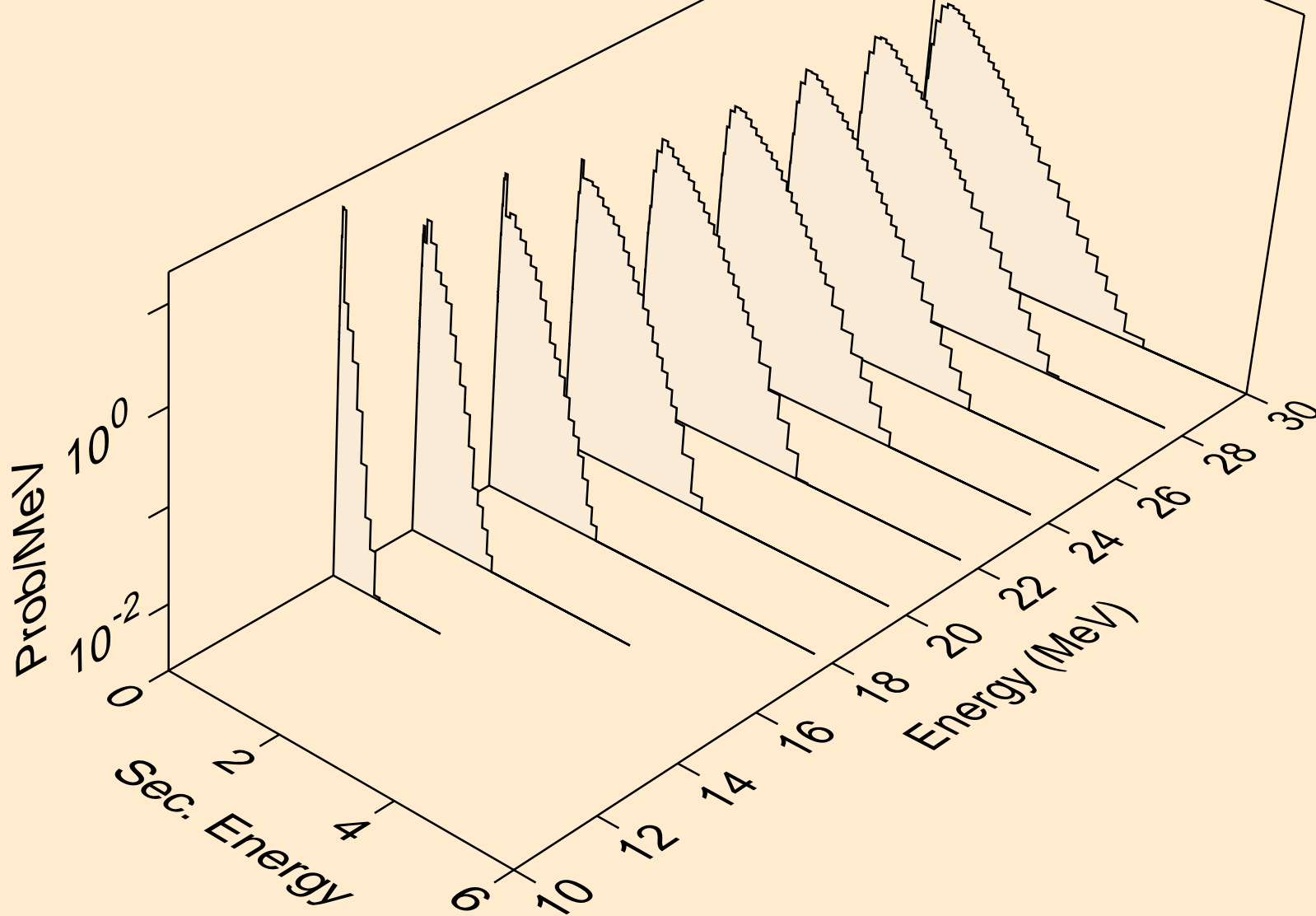
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



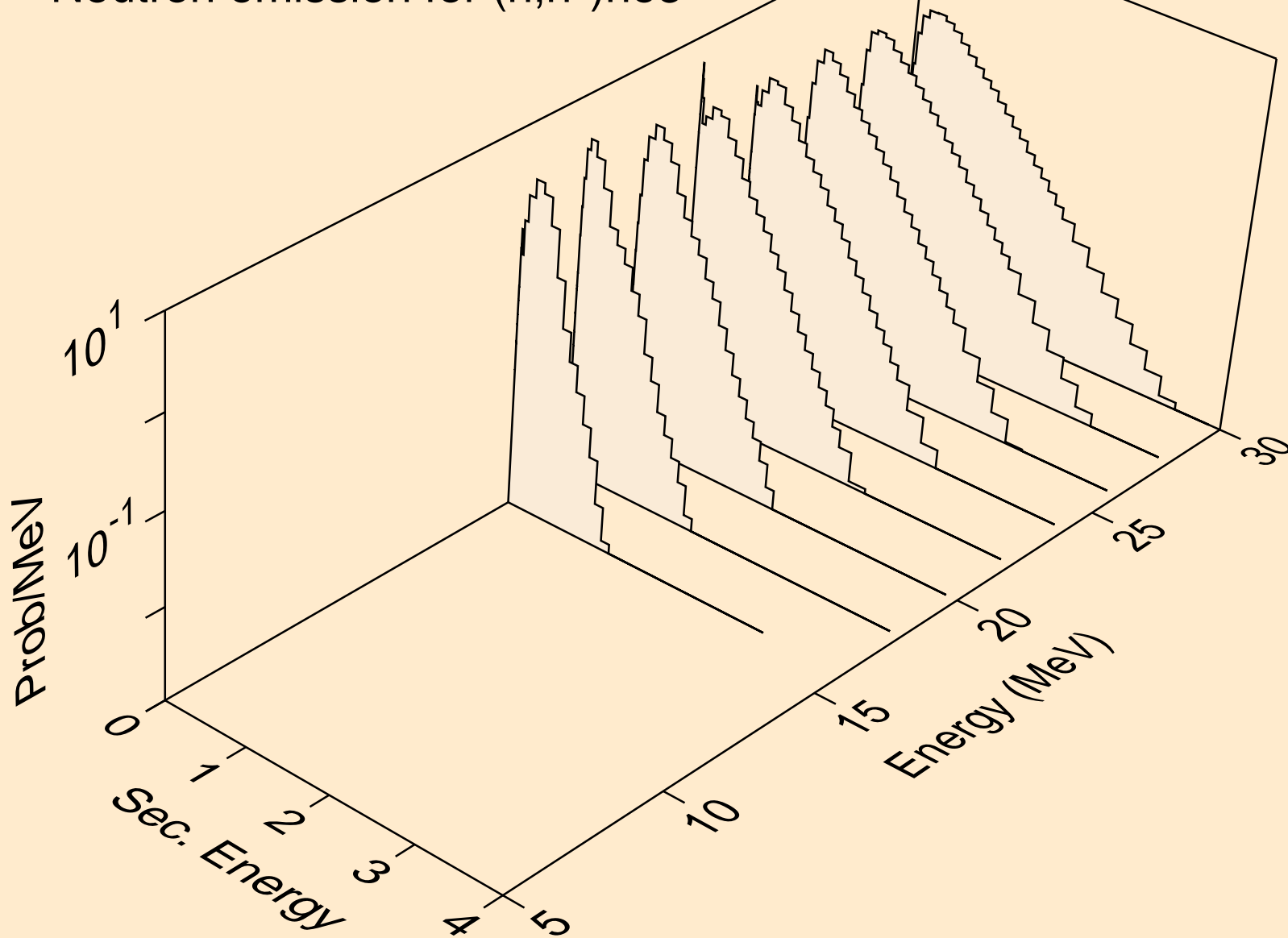
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



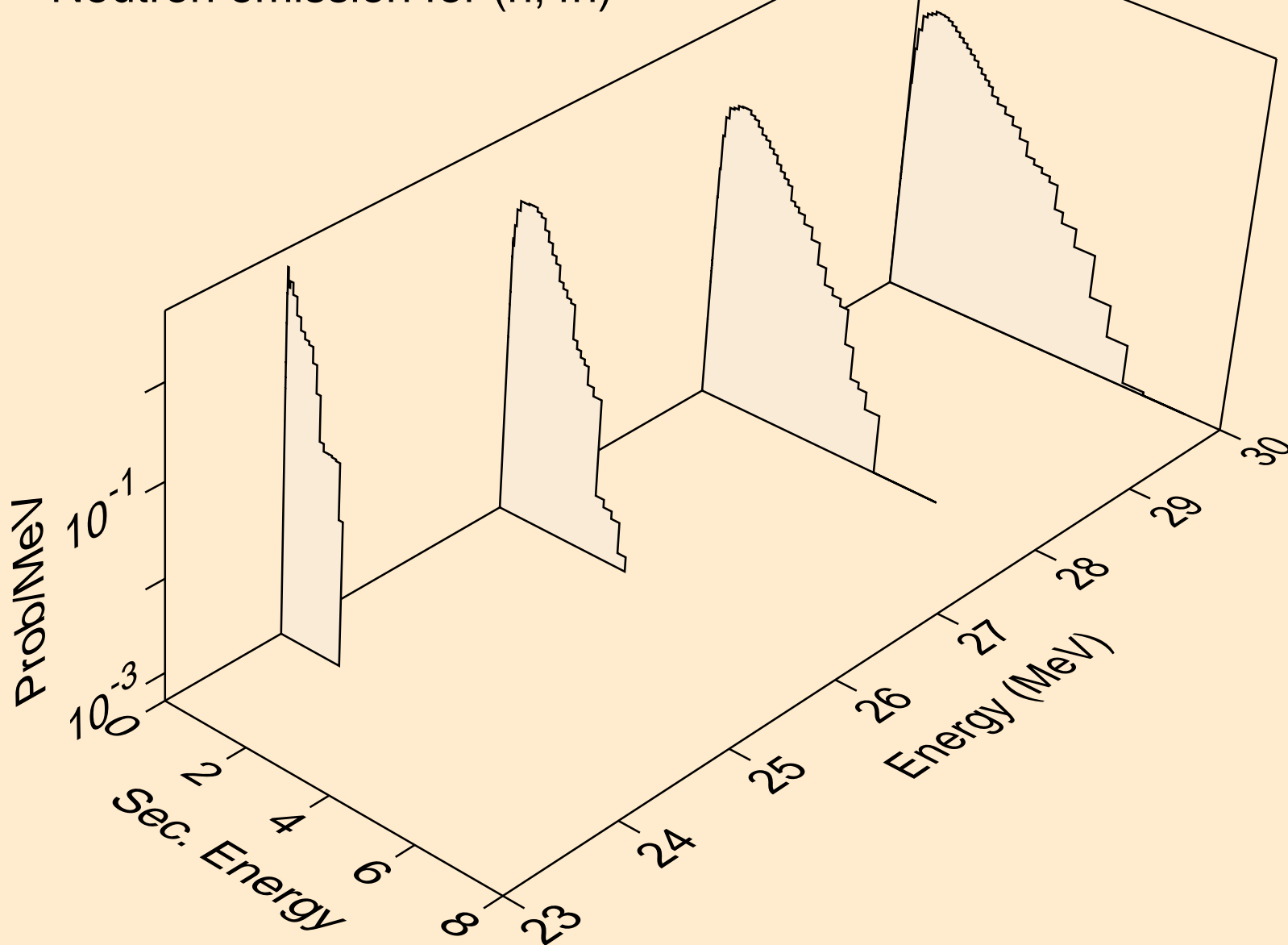
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



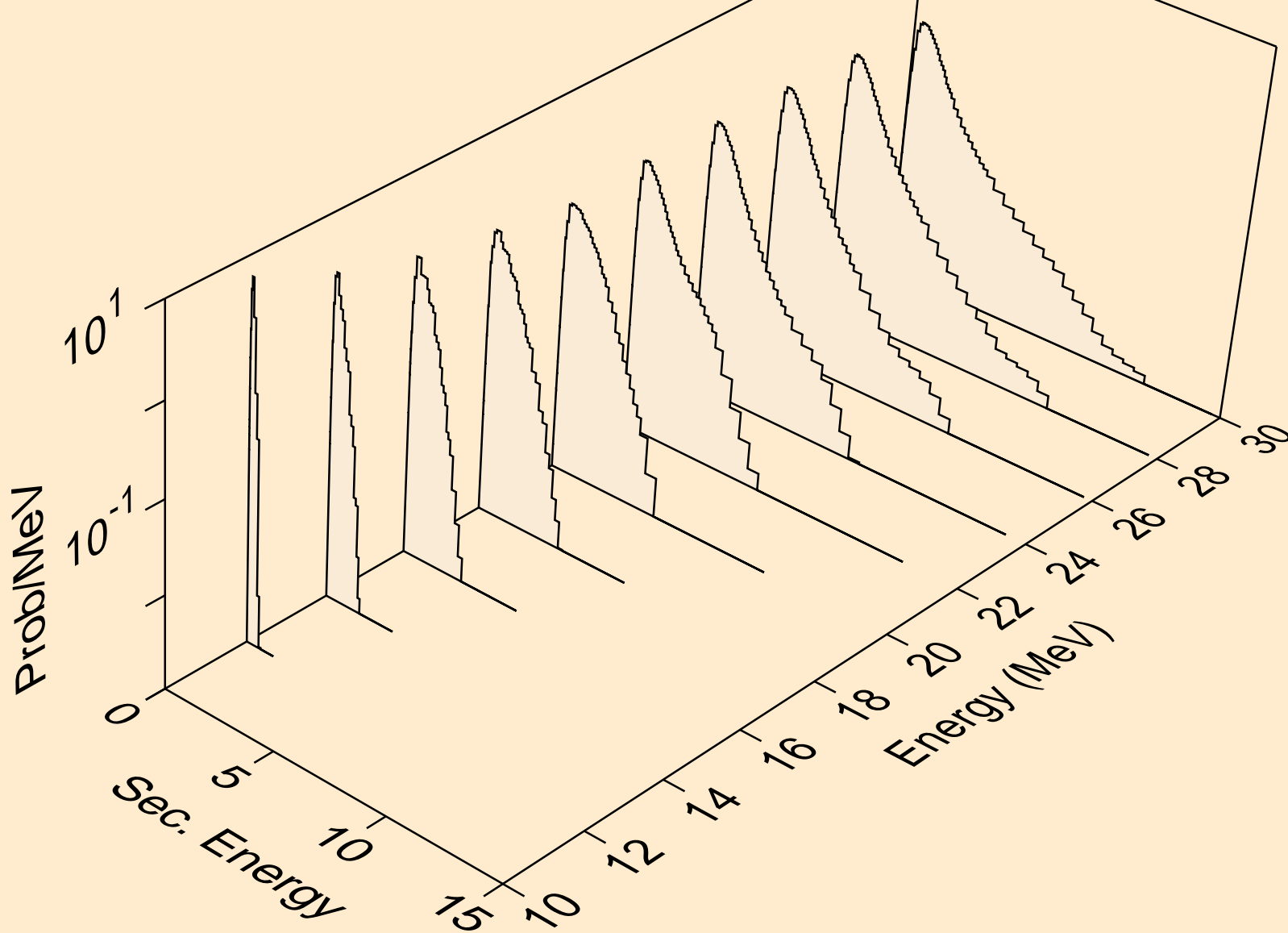
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



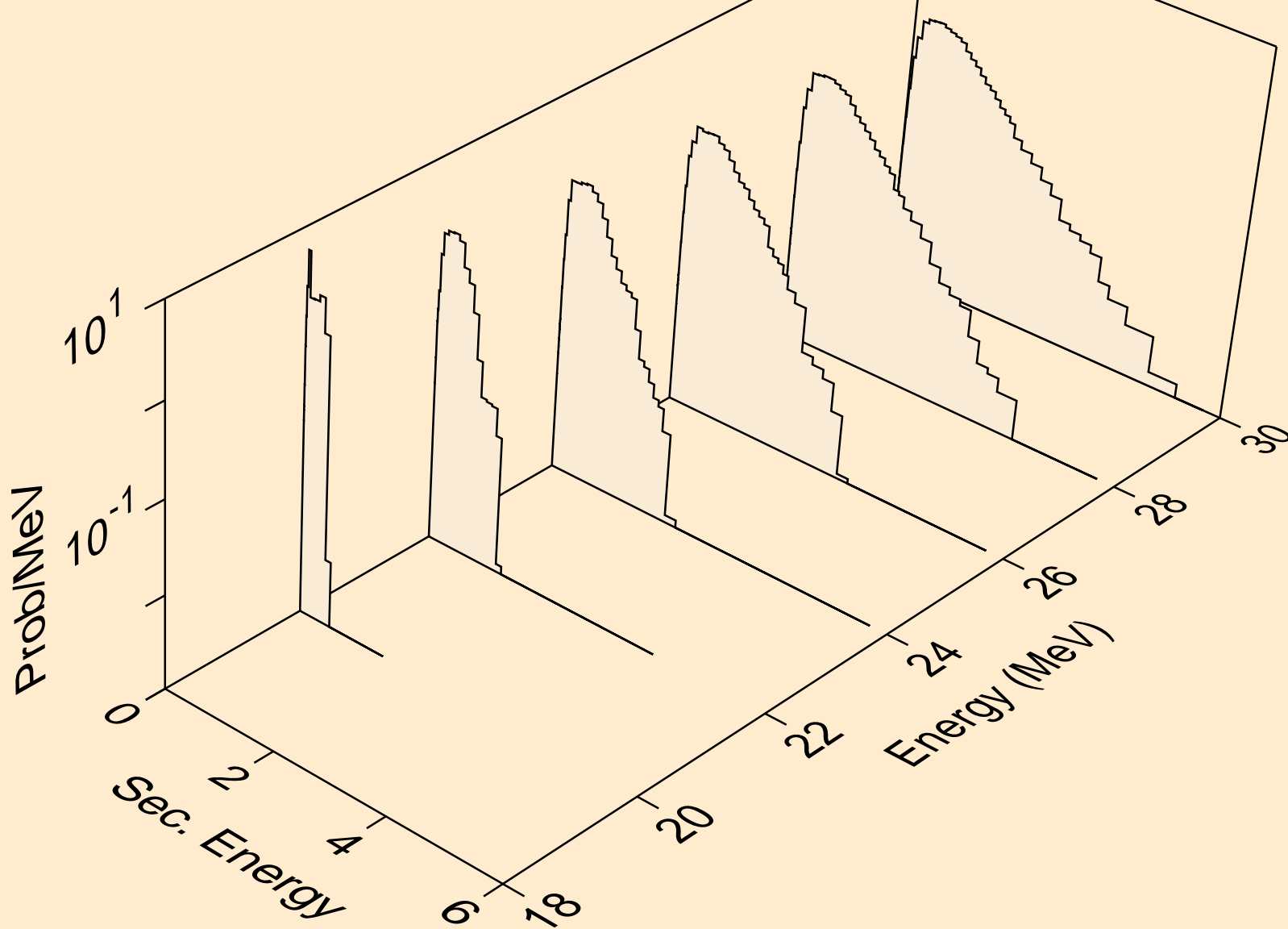
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



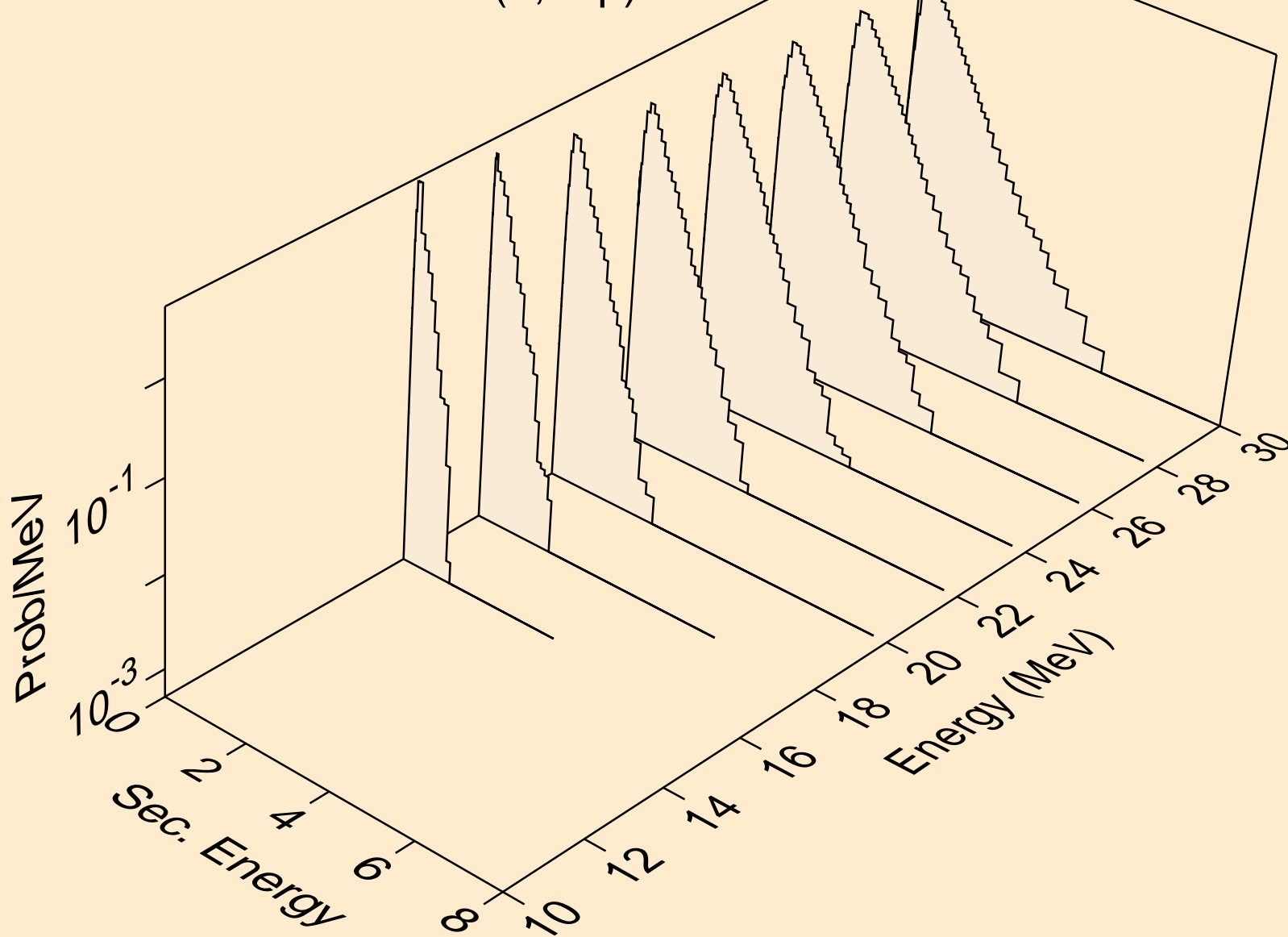
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



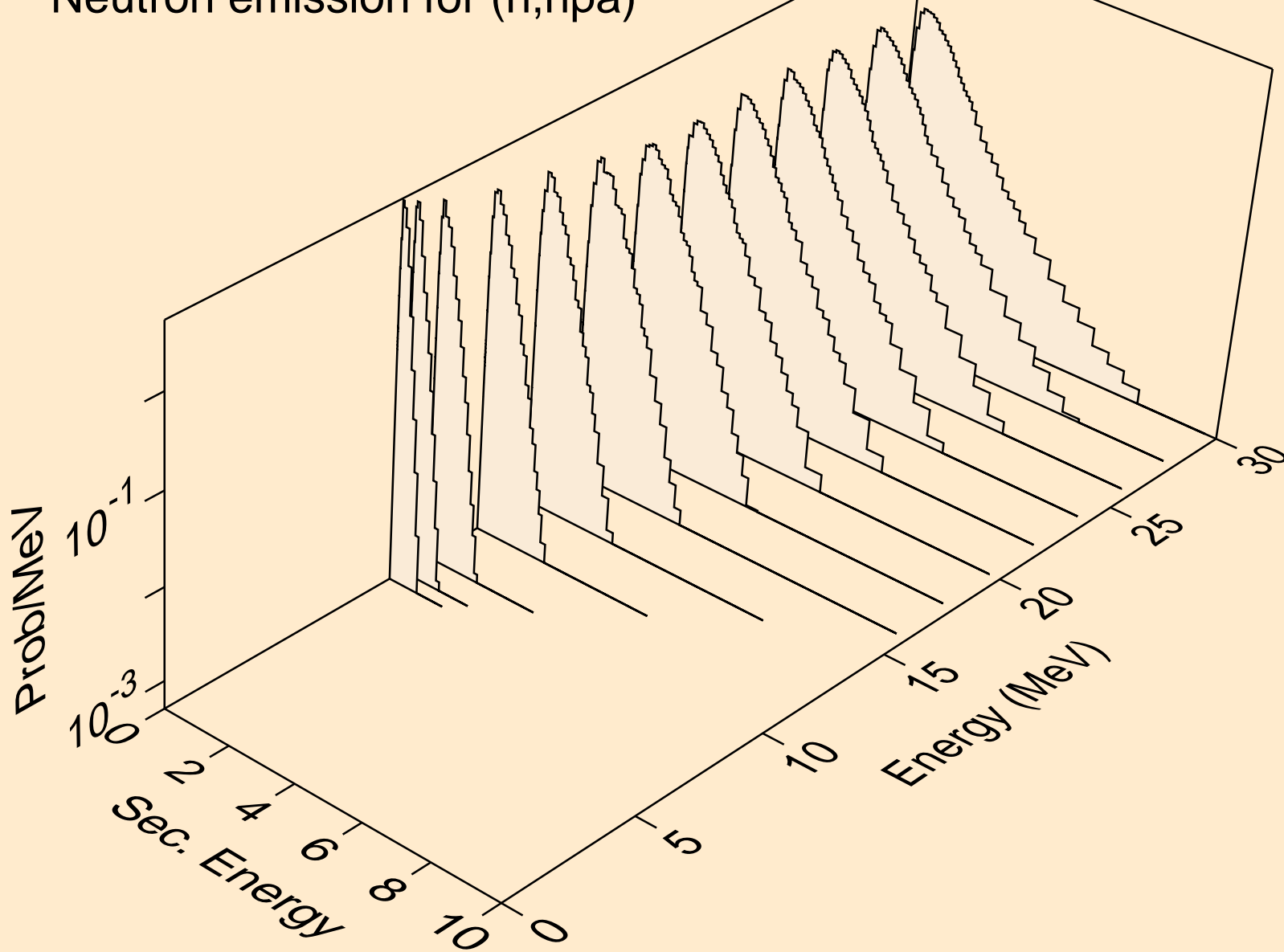
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Neutron emission for (n,3np)



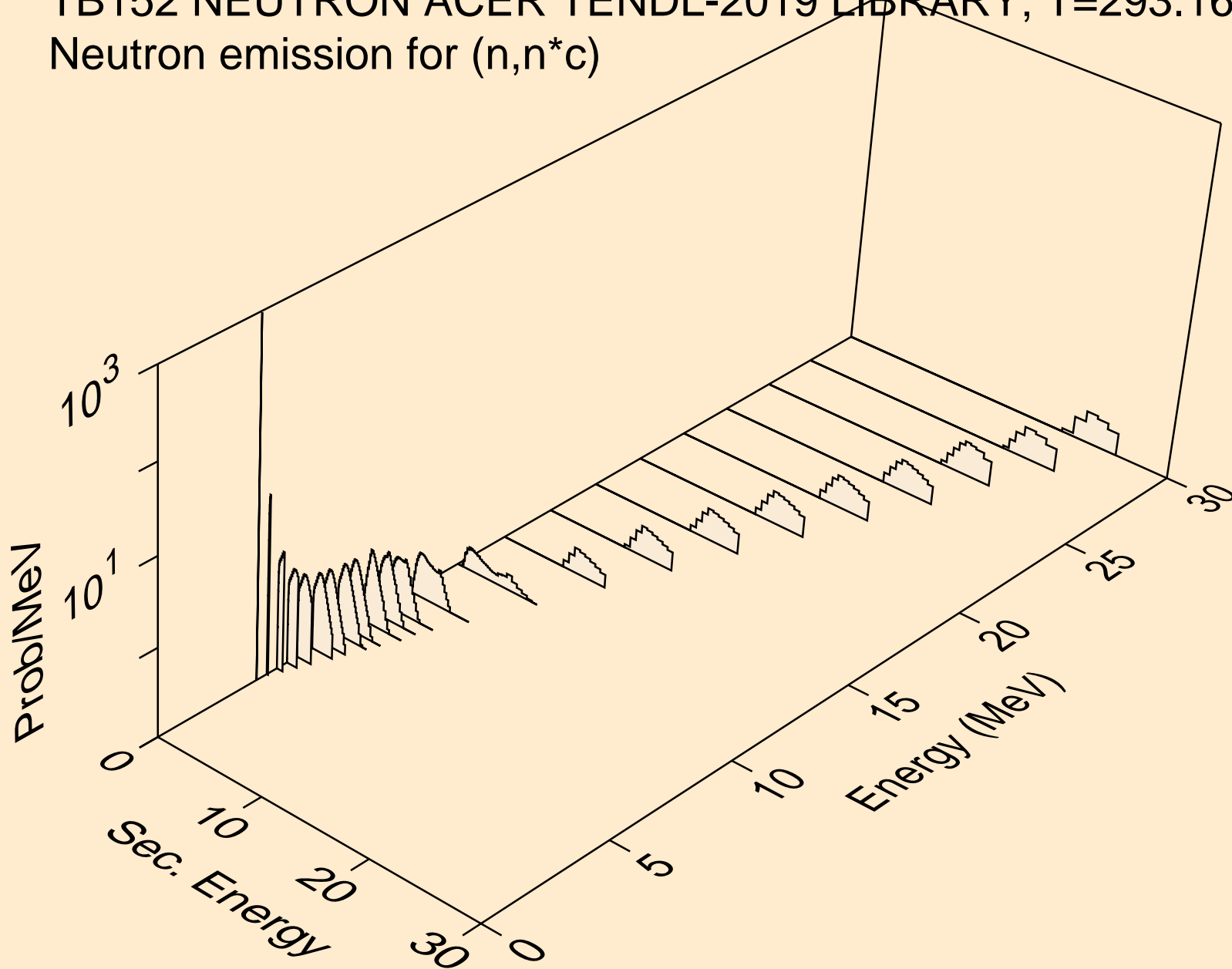
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



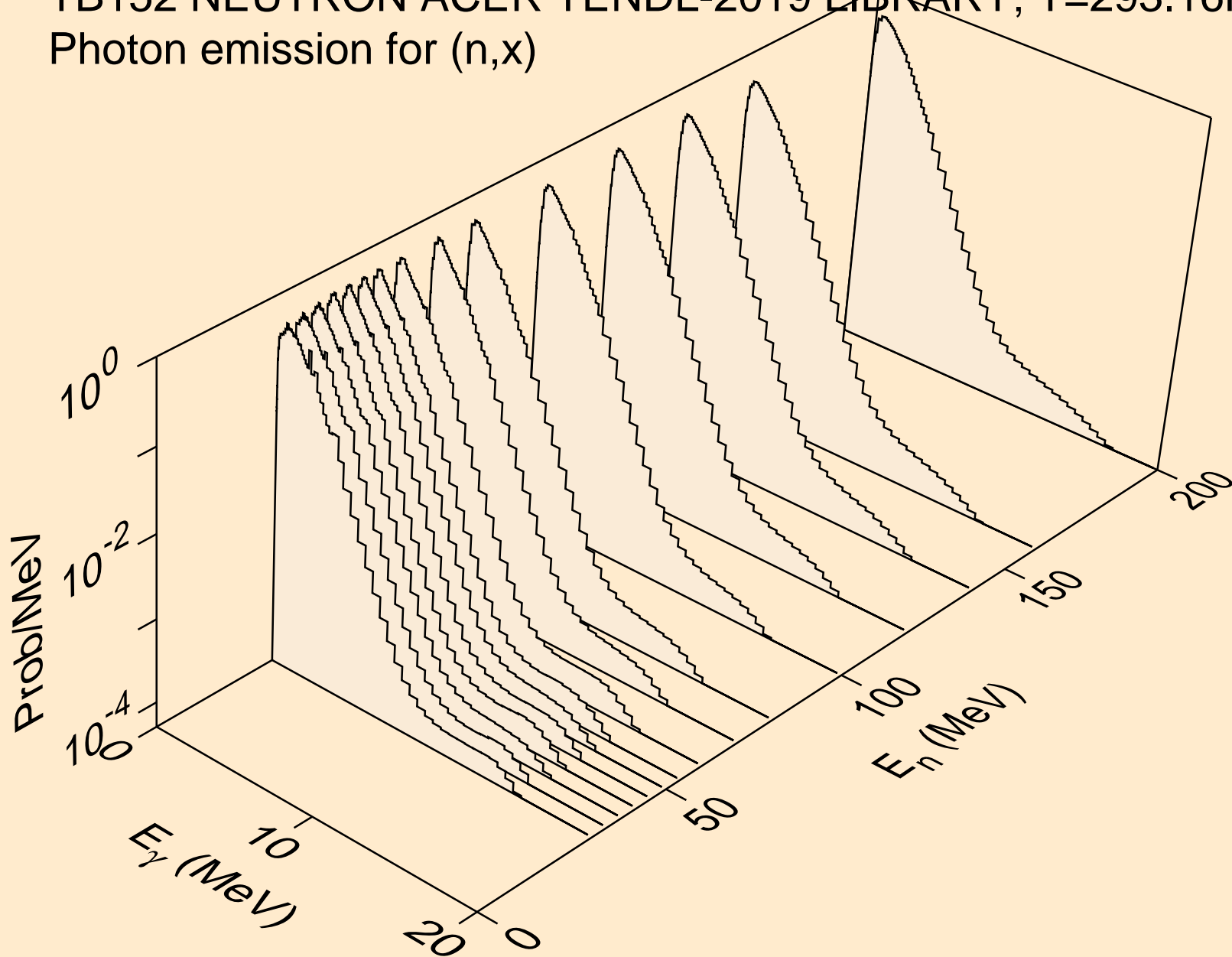
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Neutron emission for (n,npa)



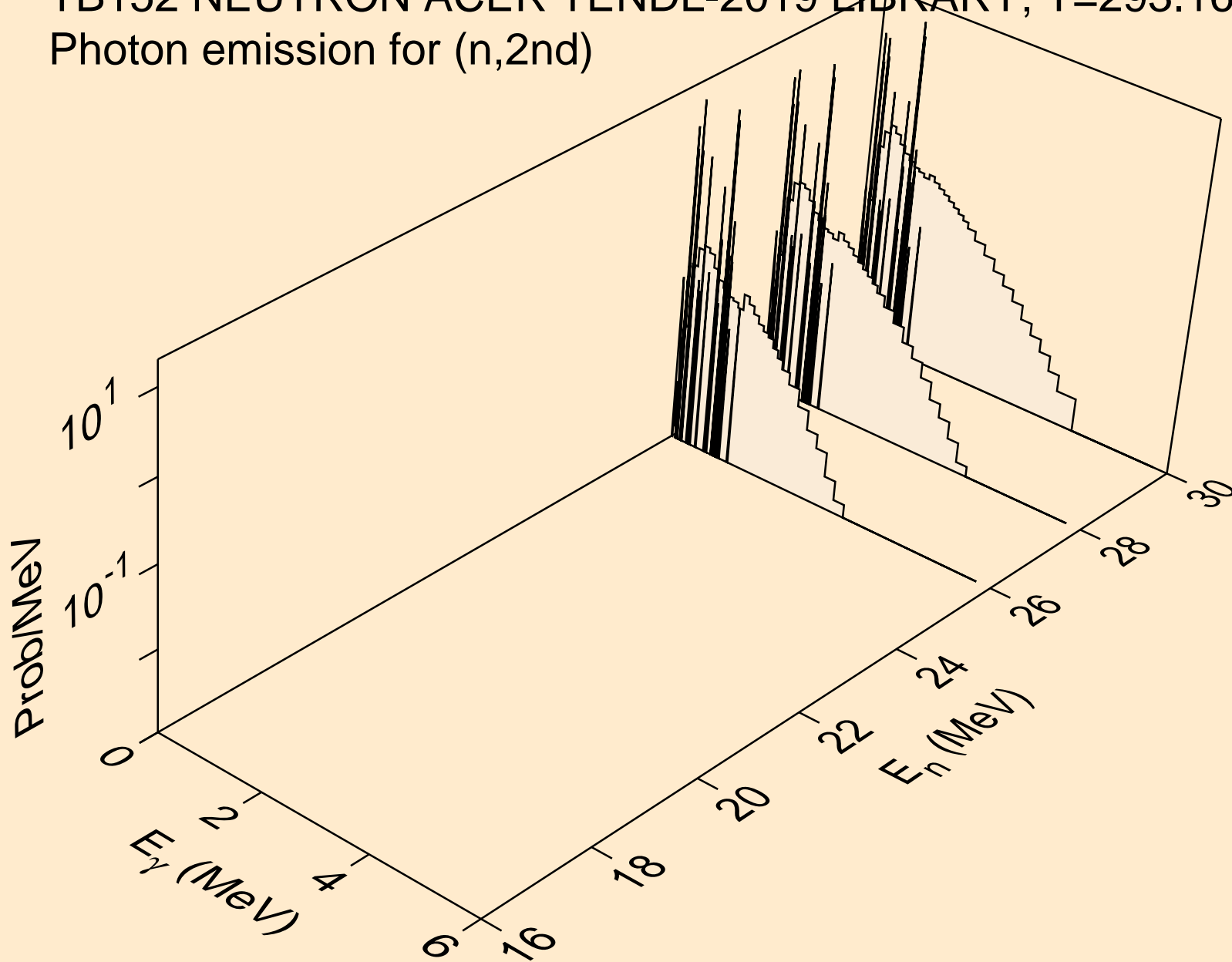
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Neutron emission for (n,n*c)



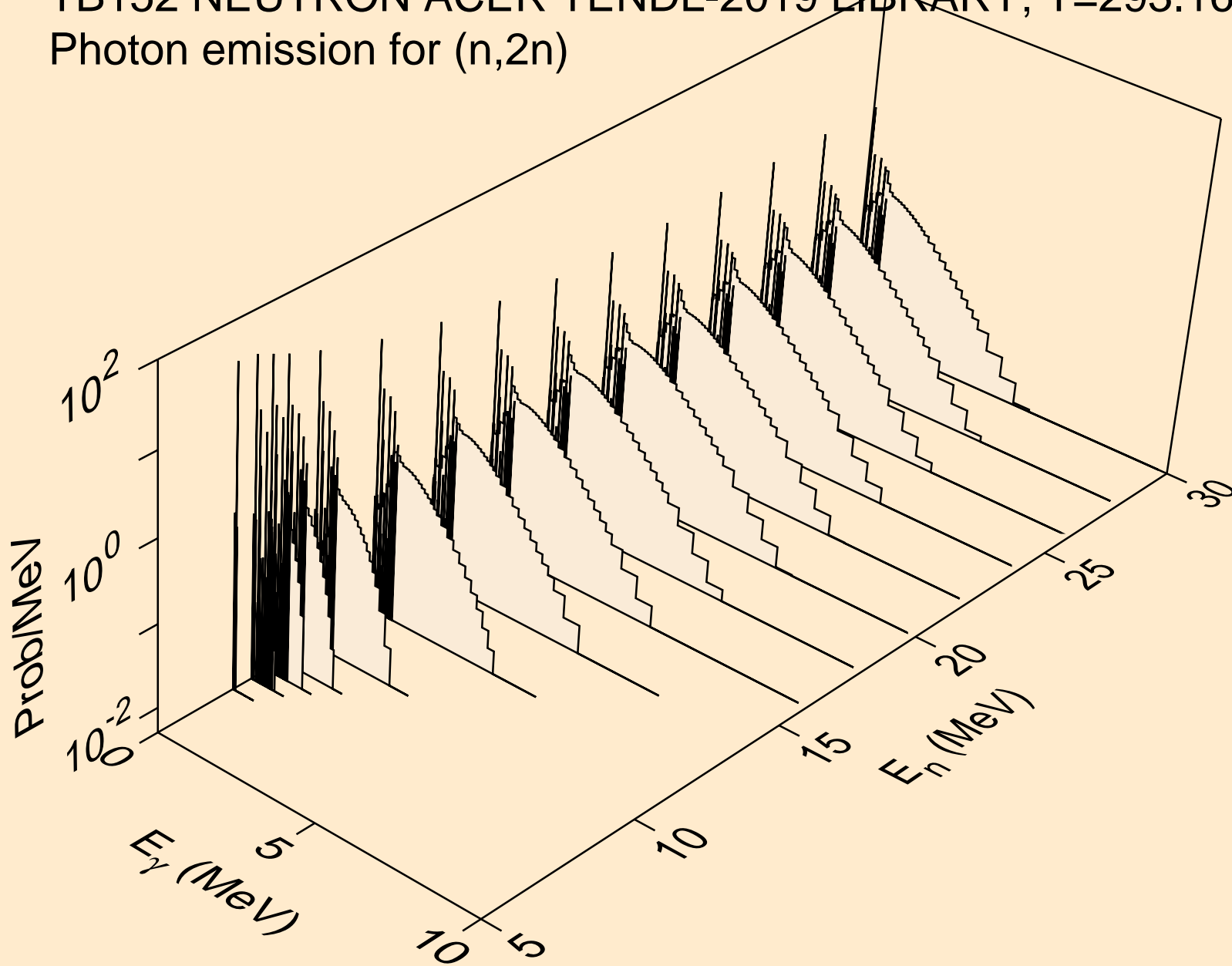
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



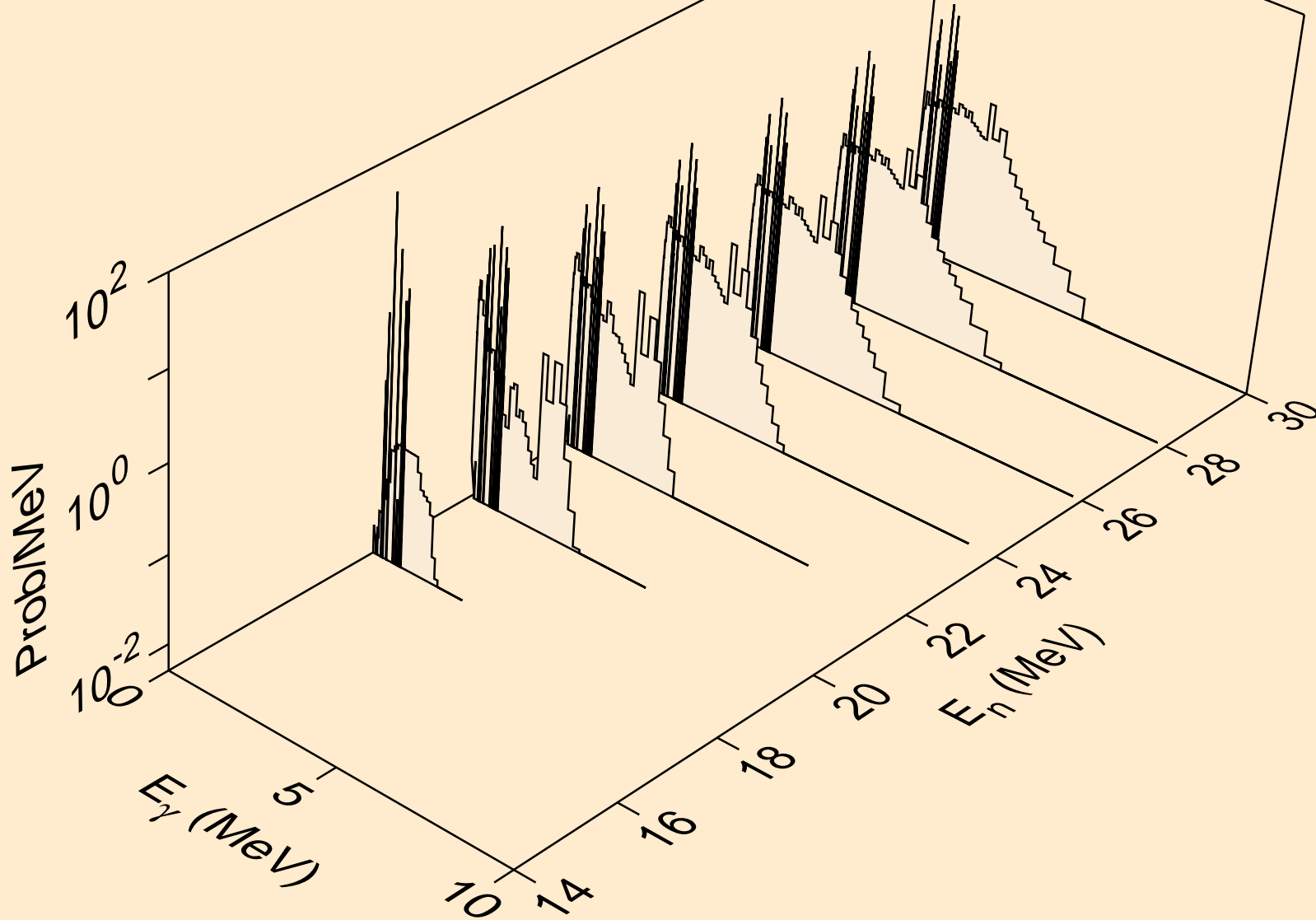
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Photon emission for (n,2nd)



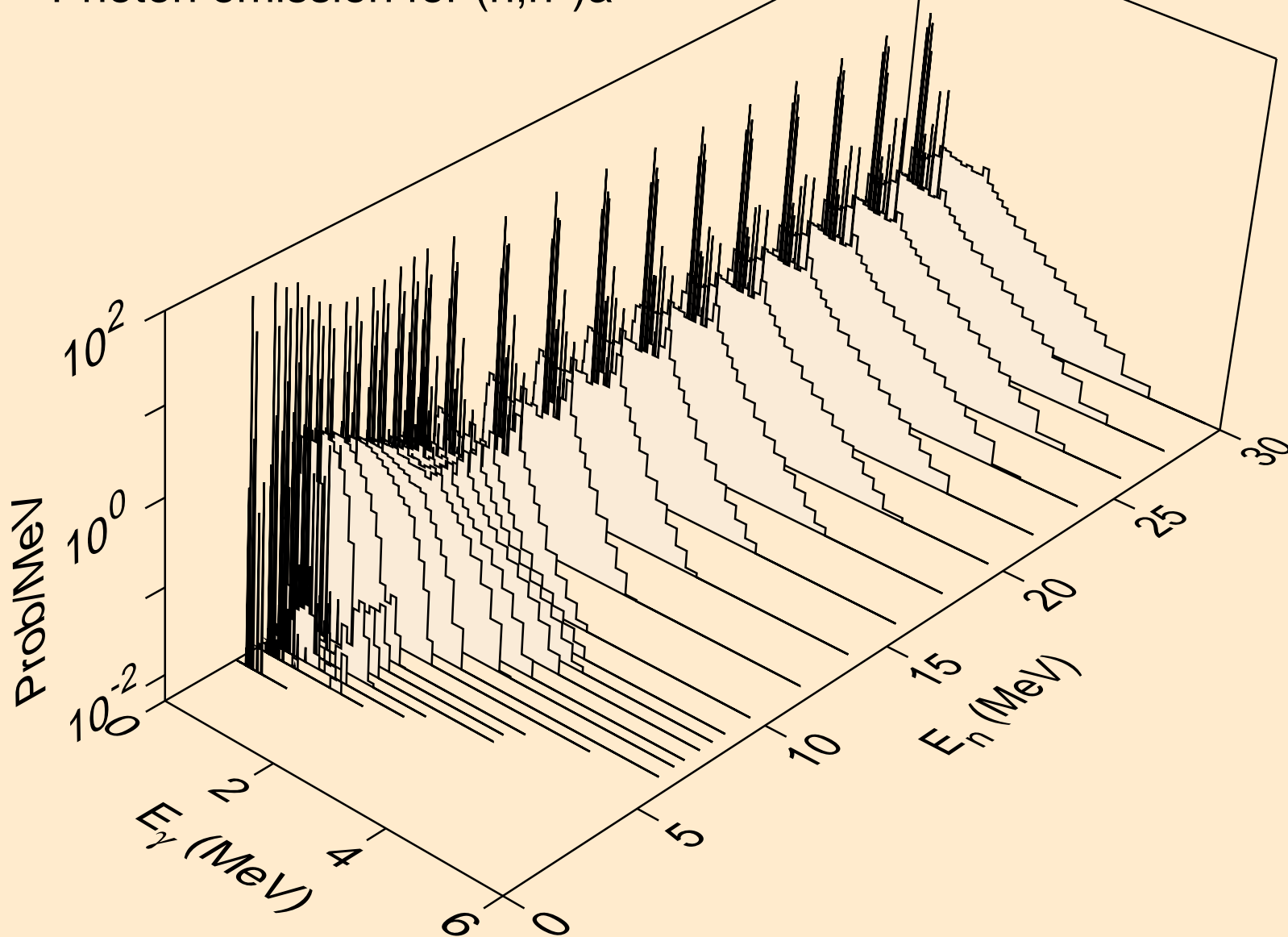
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Photon emission for (n,2n)



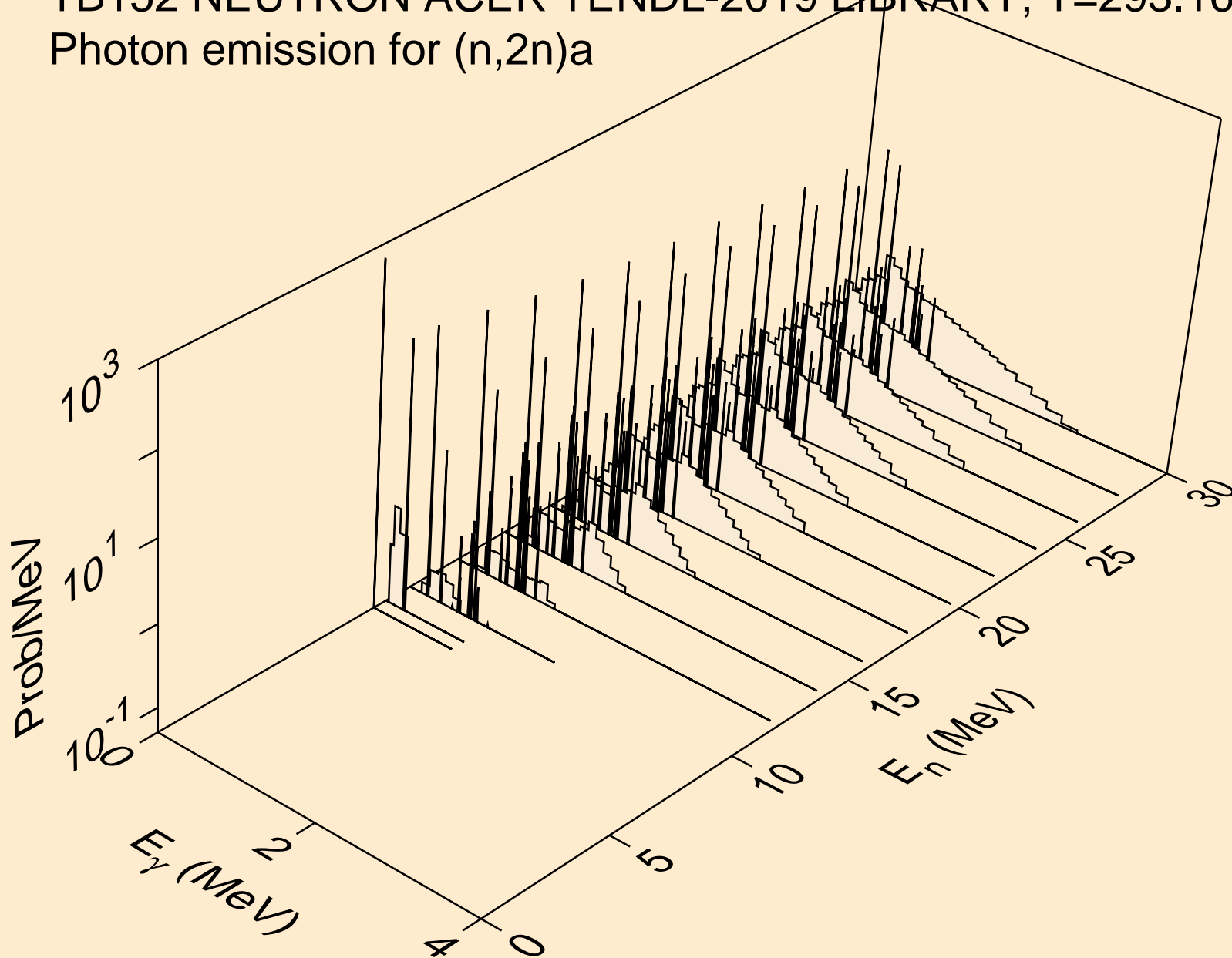
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Photon emission for (n,3n)



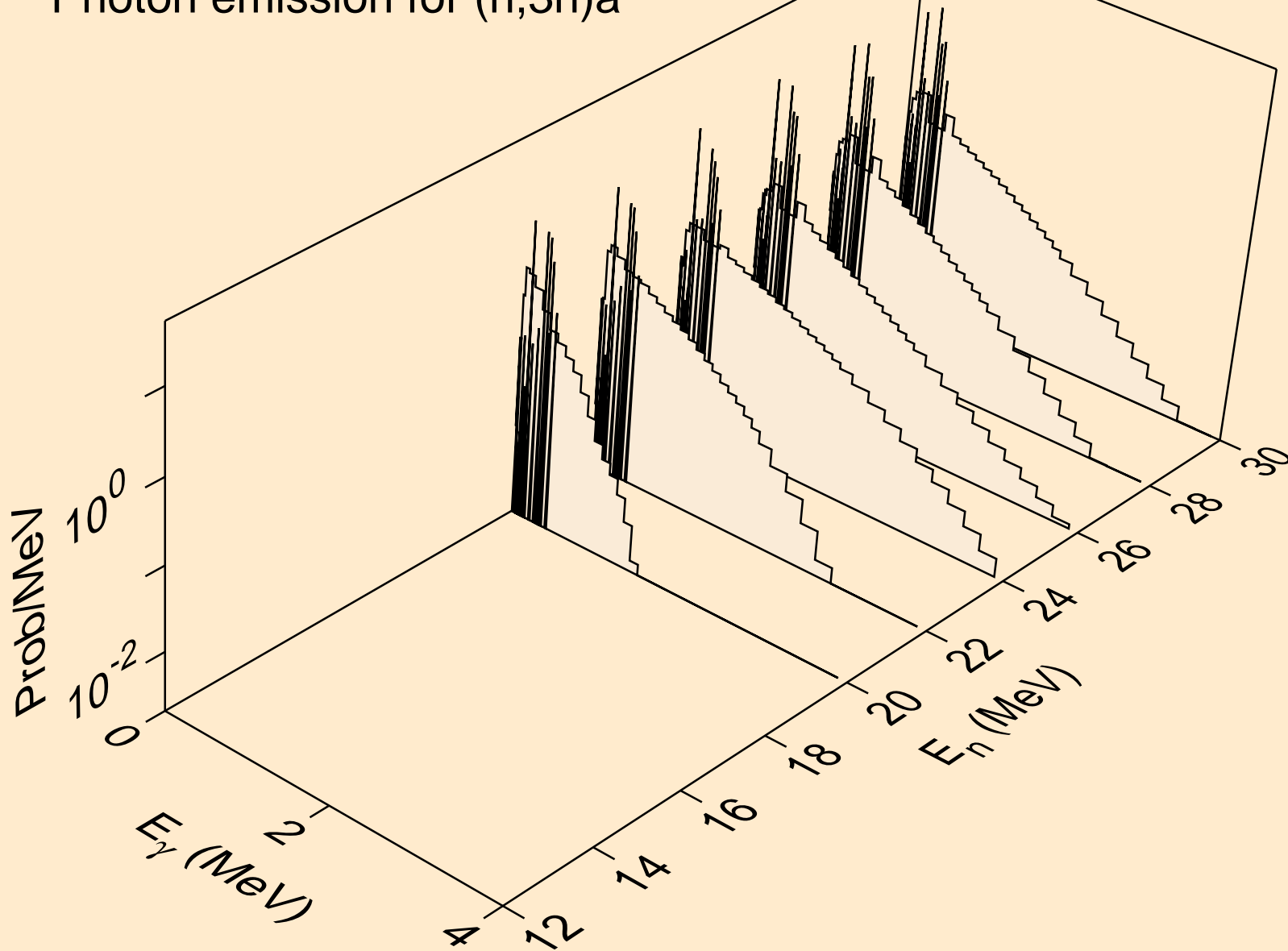
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



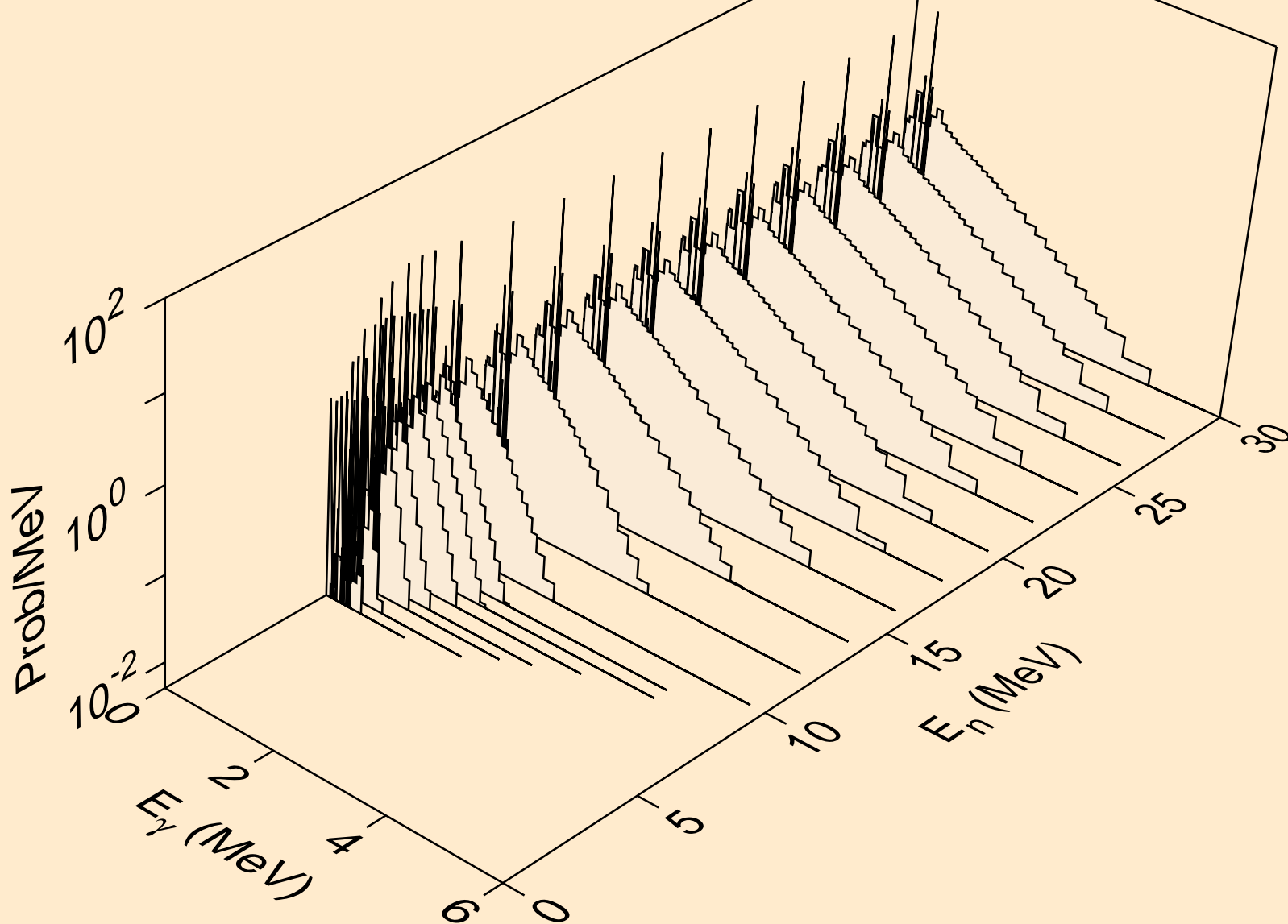
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n) α



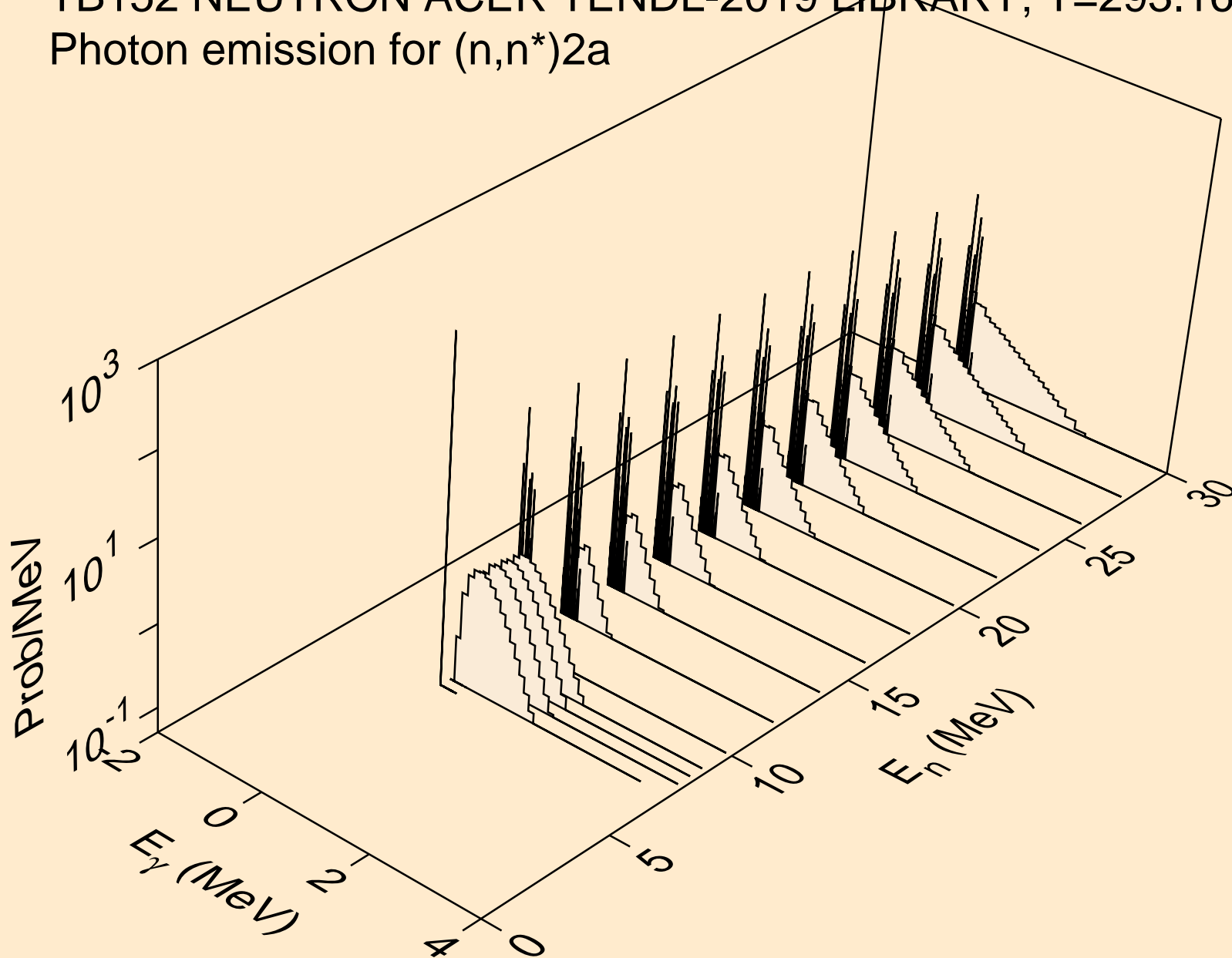
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Photon emission for (n,3n)a



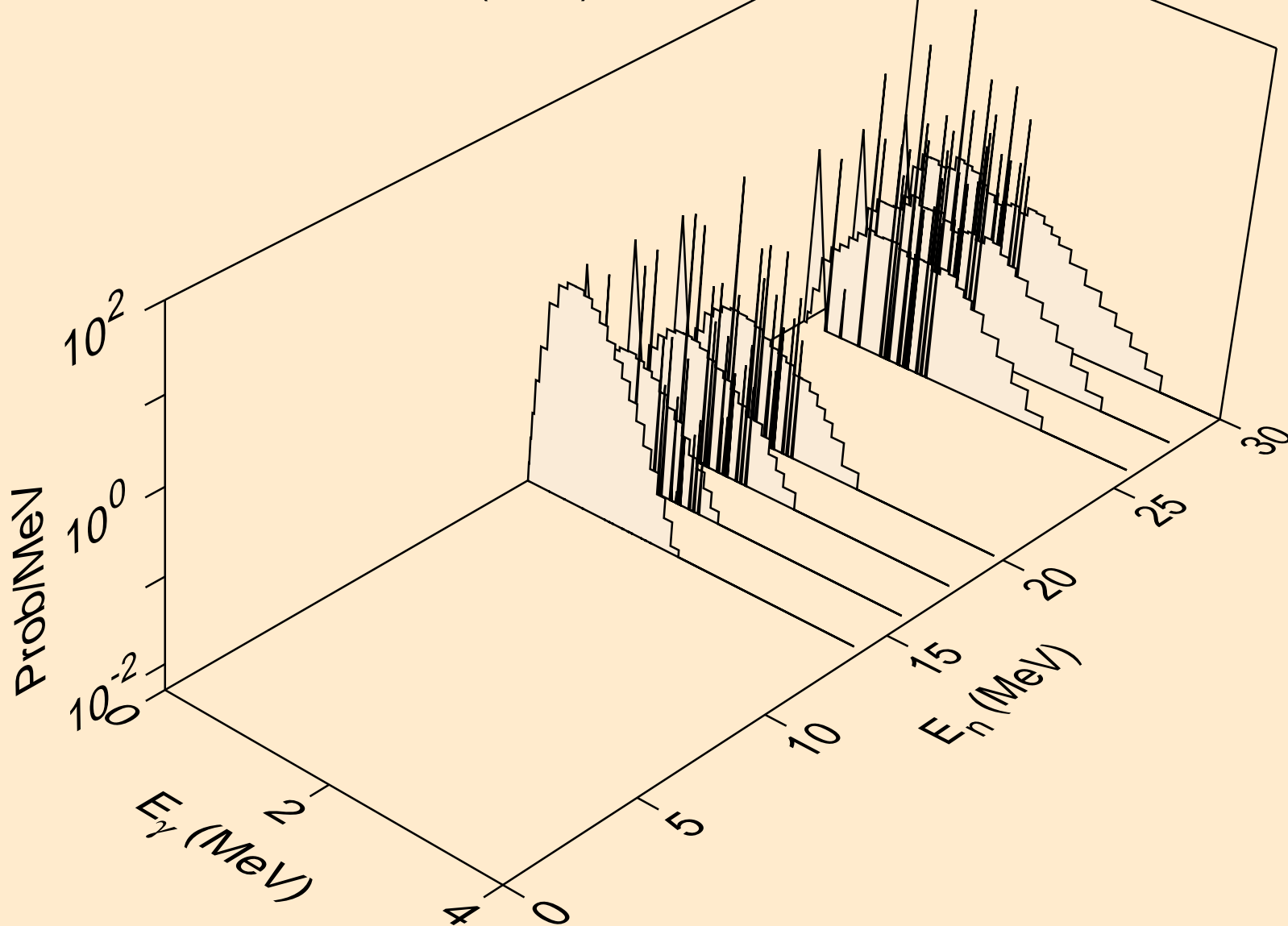
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



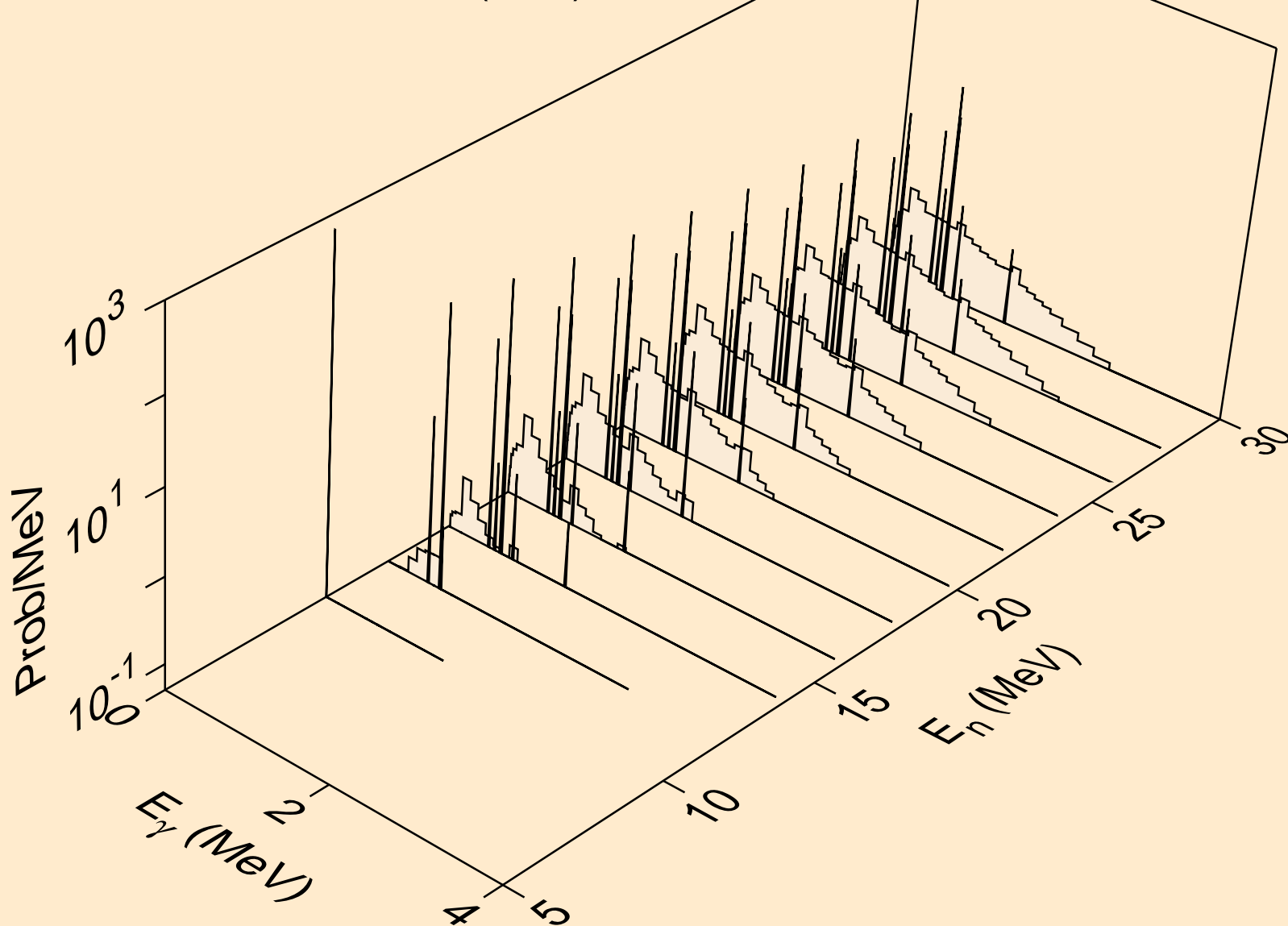
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Photon emission for (n,n*)2a



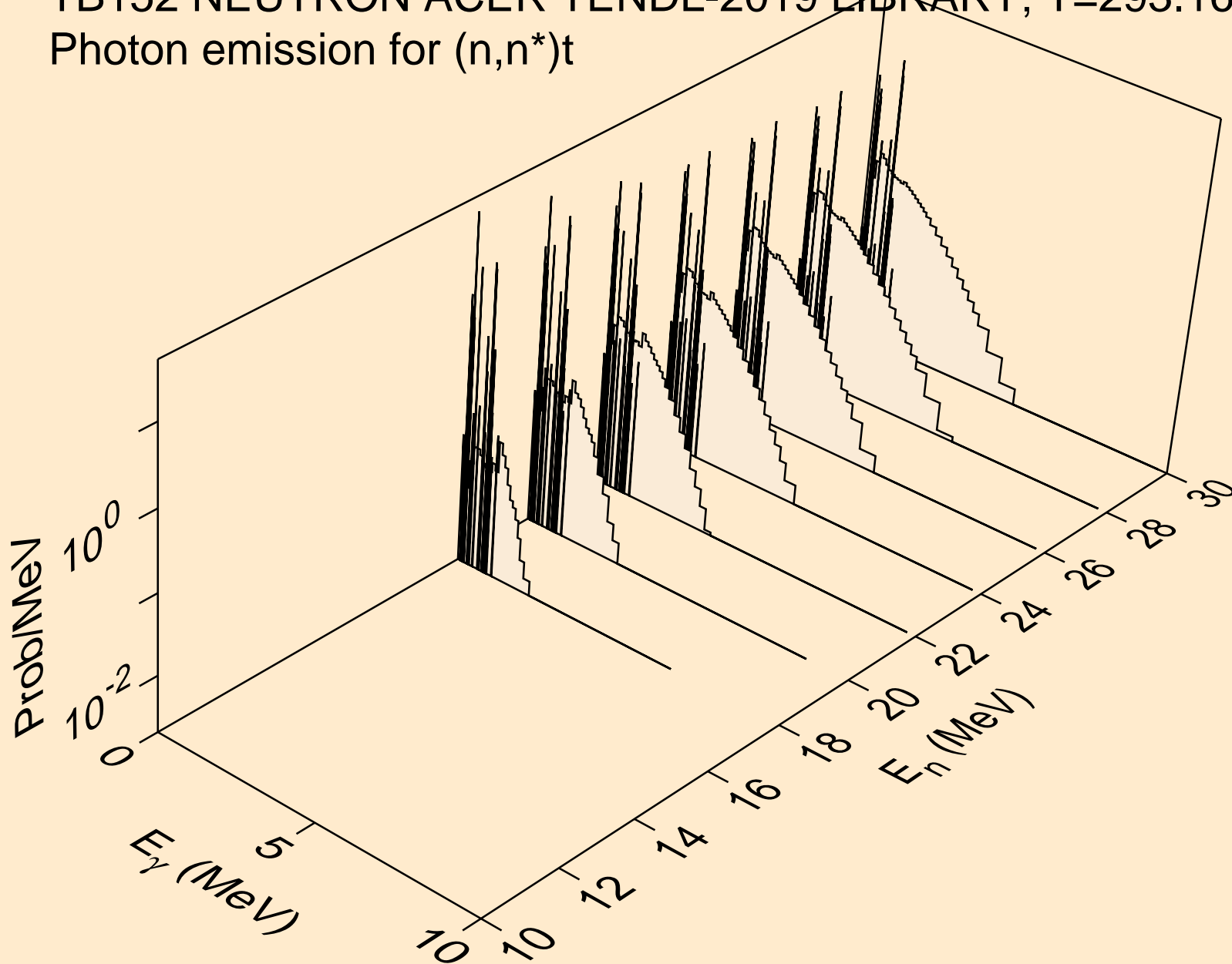
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



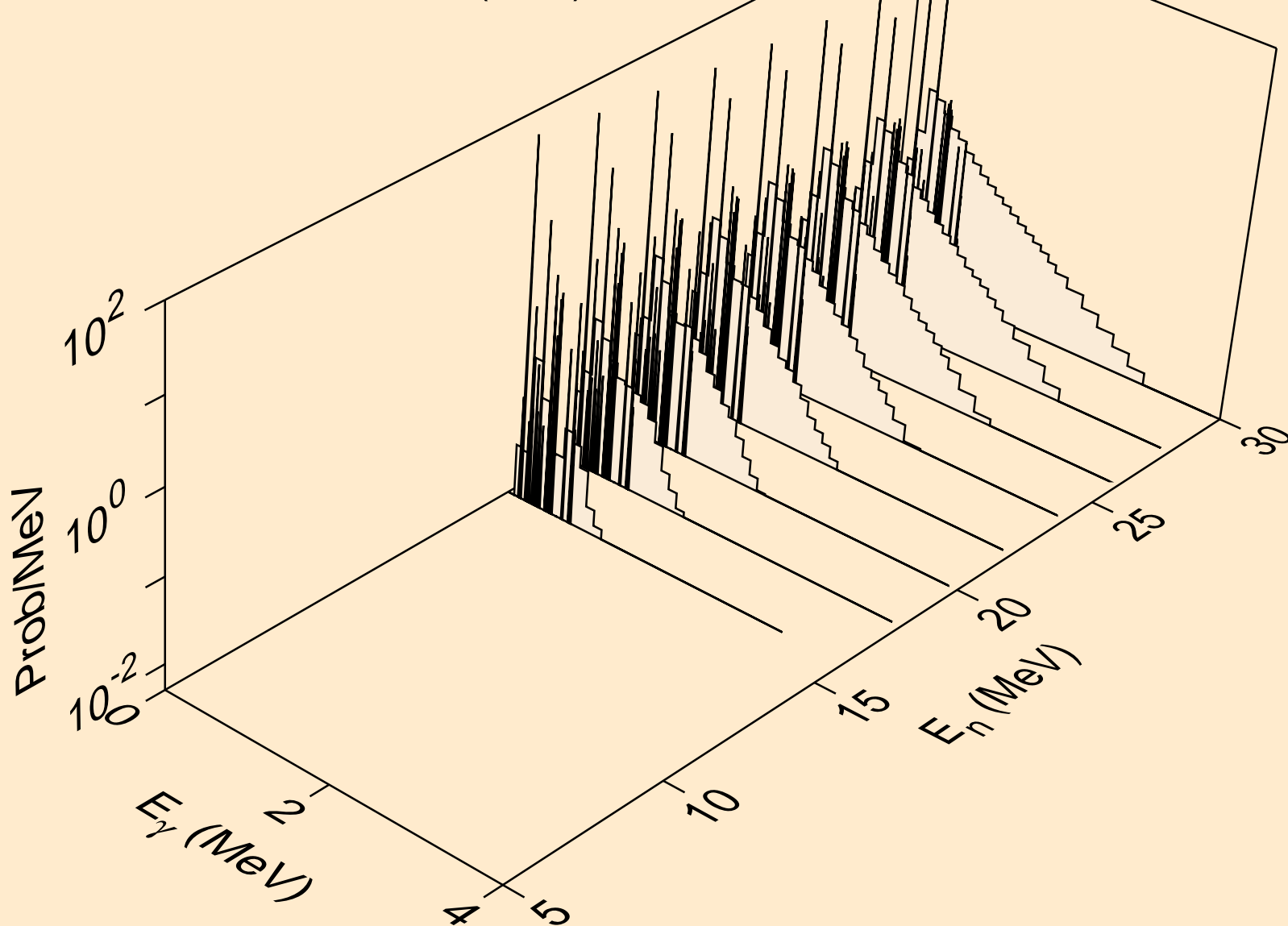
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Photon emission for (n,n*)d



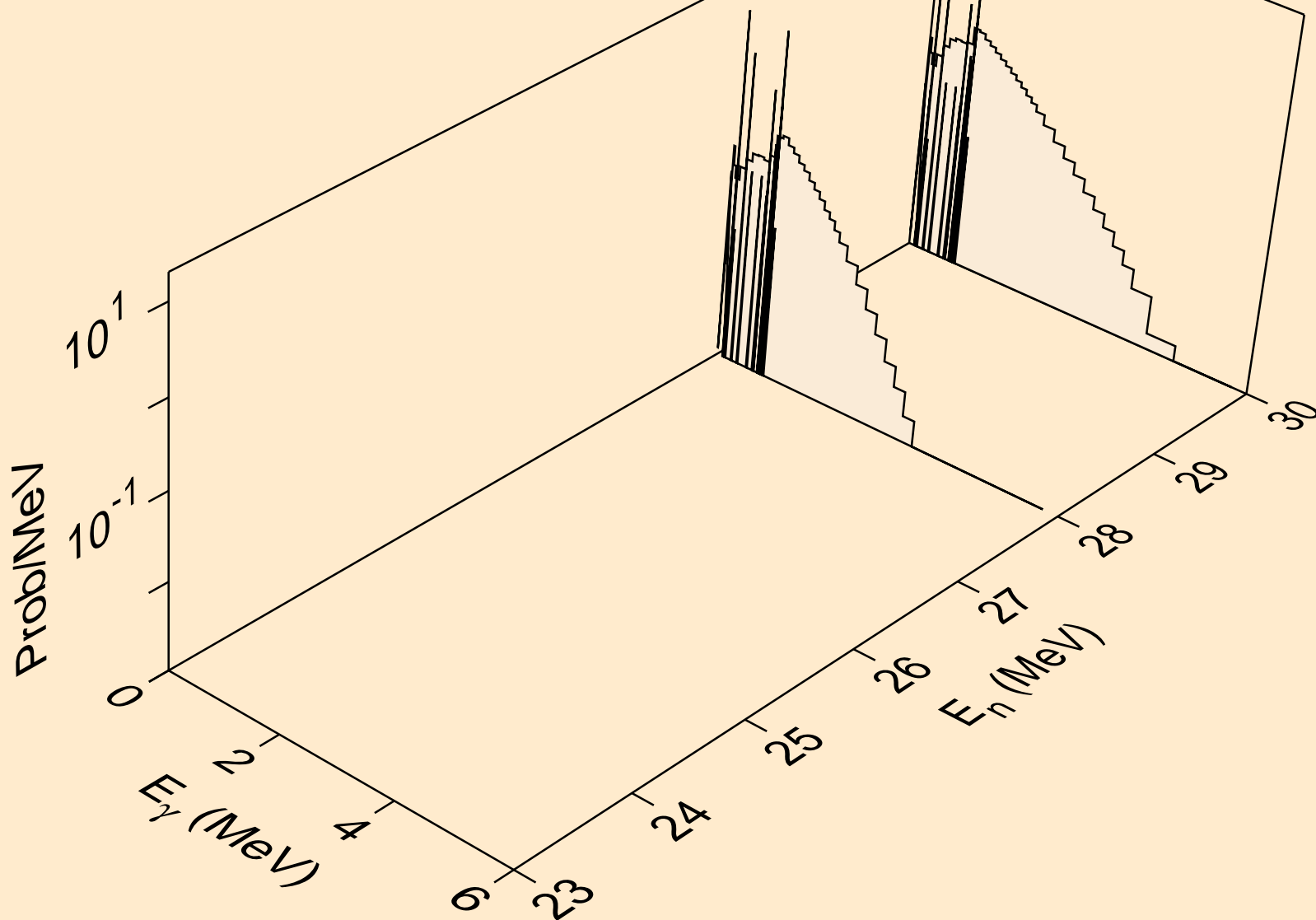
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Photon emission for (n,n*)t



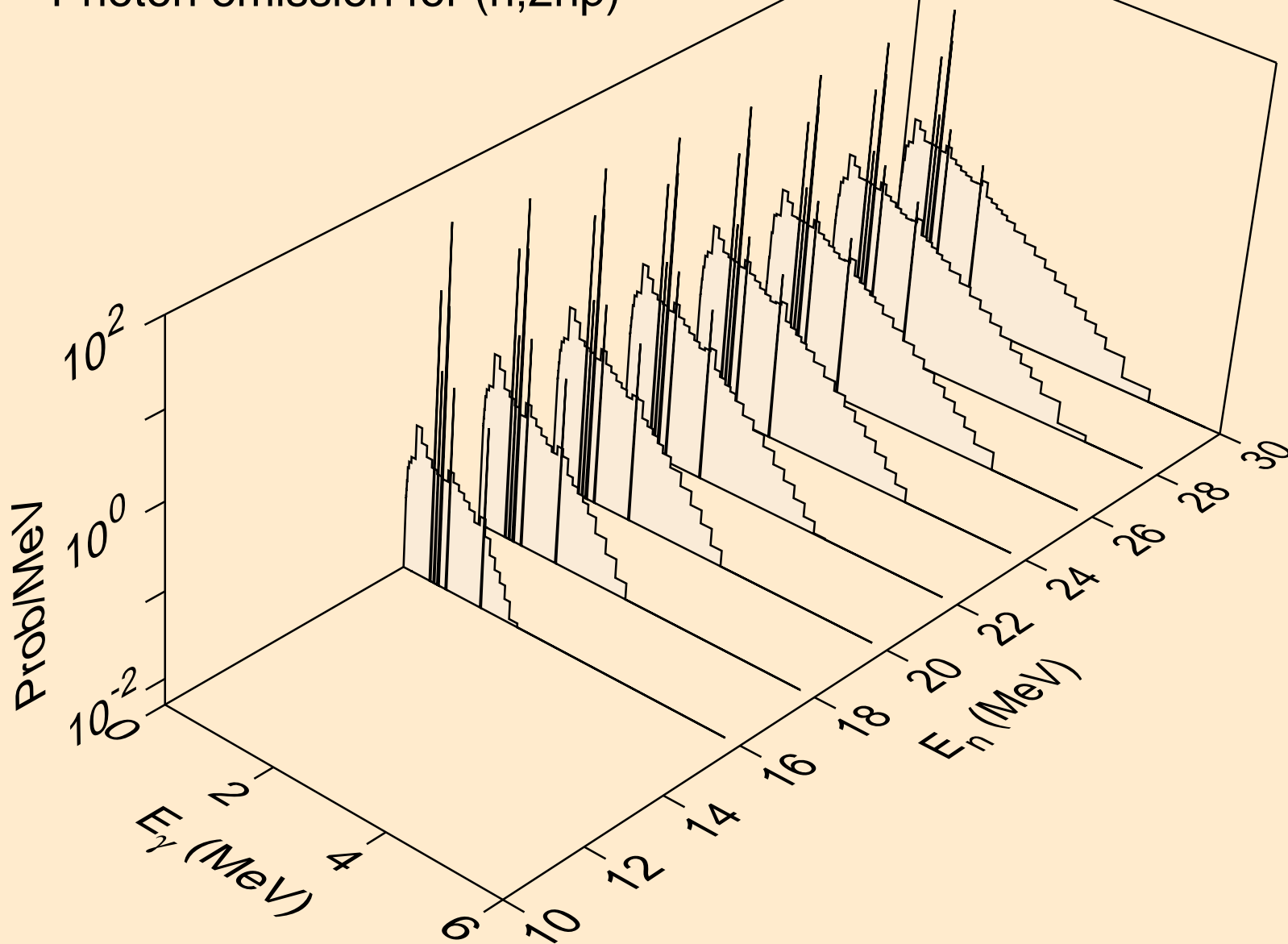
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



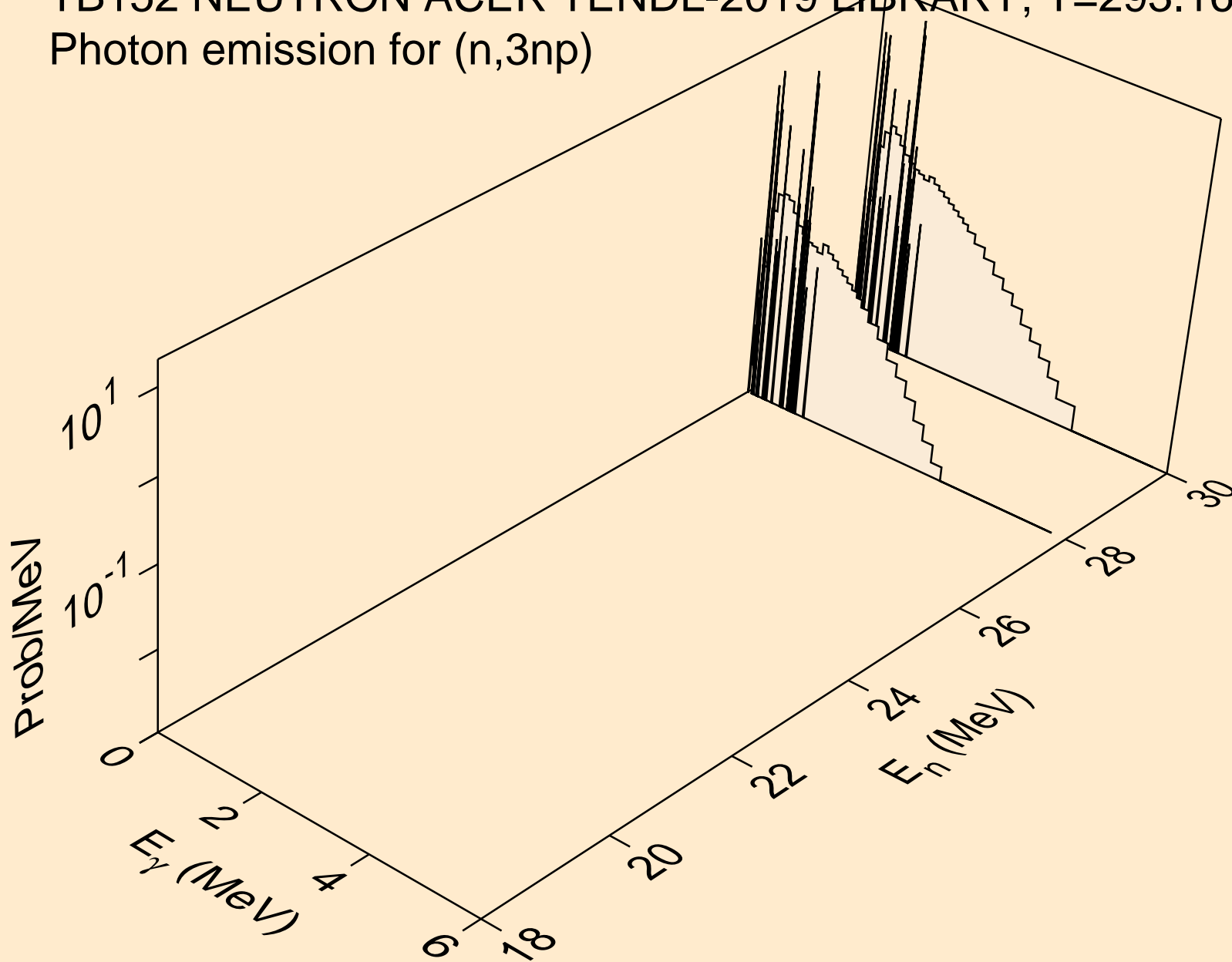
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



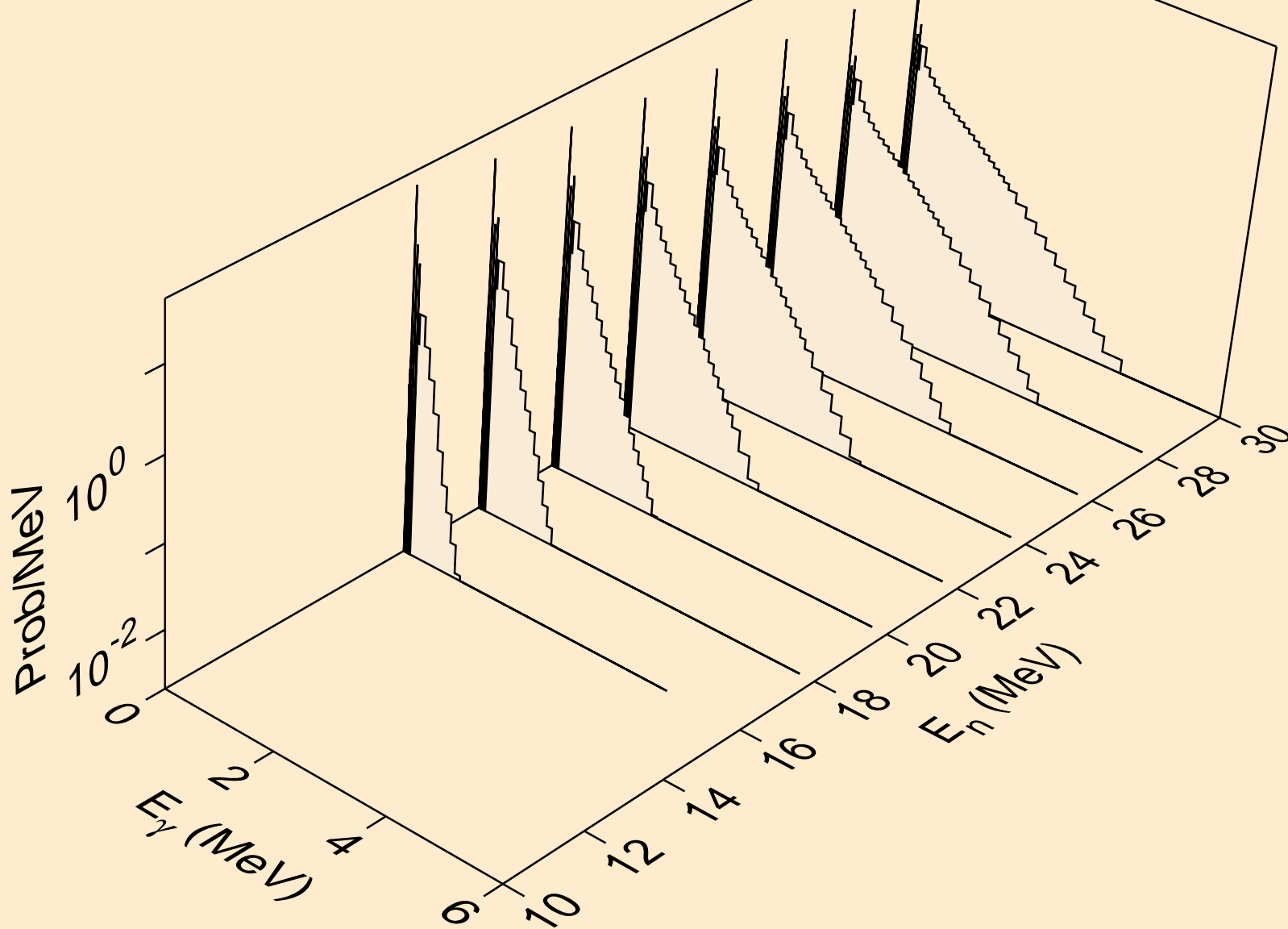
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



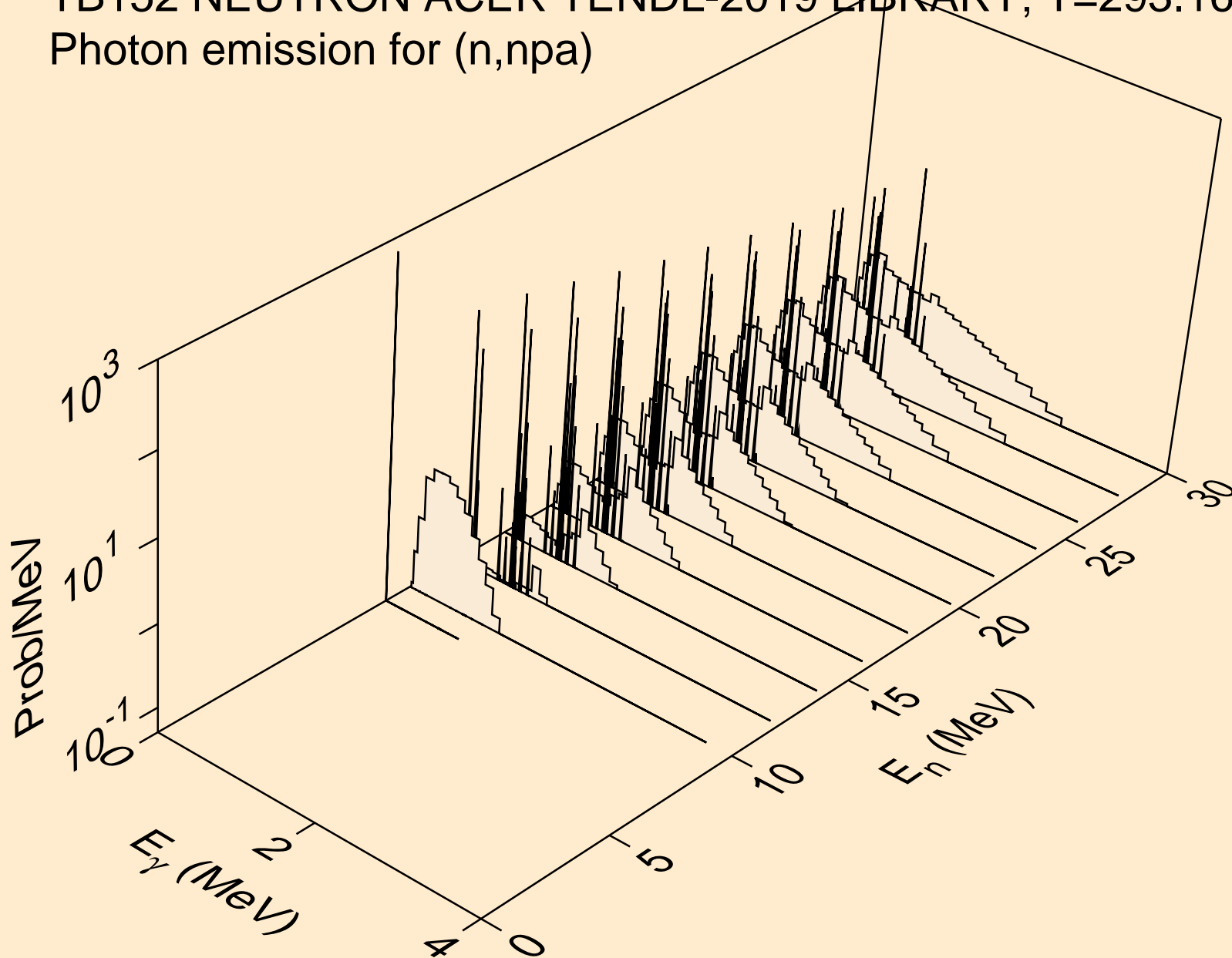
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



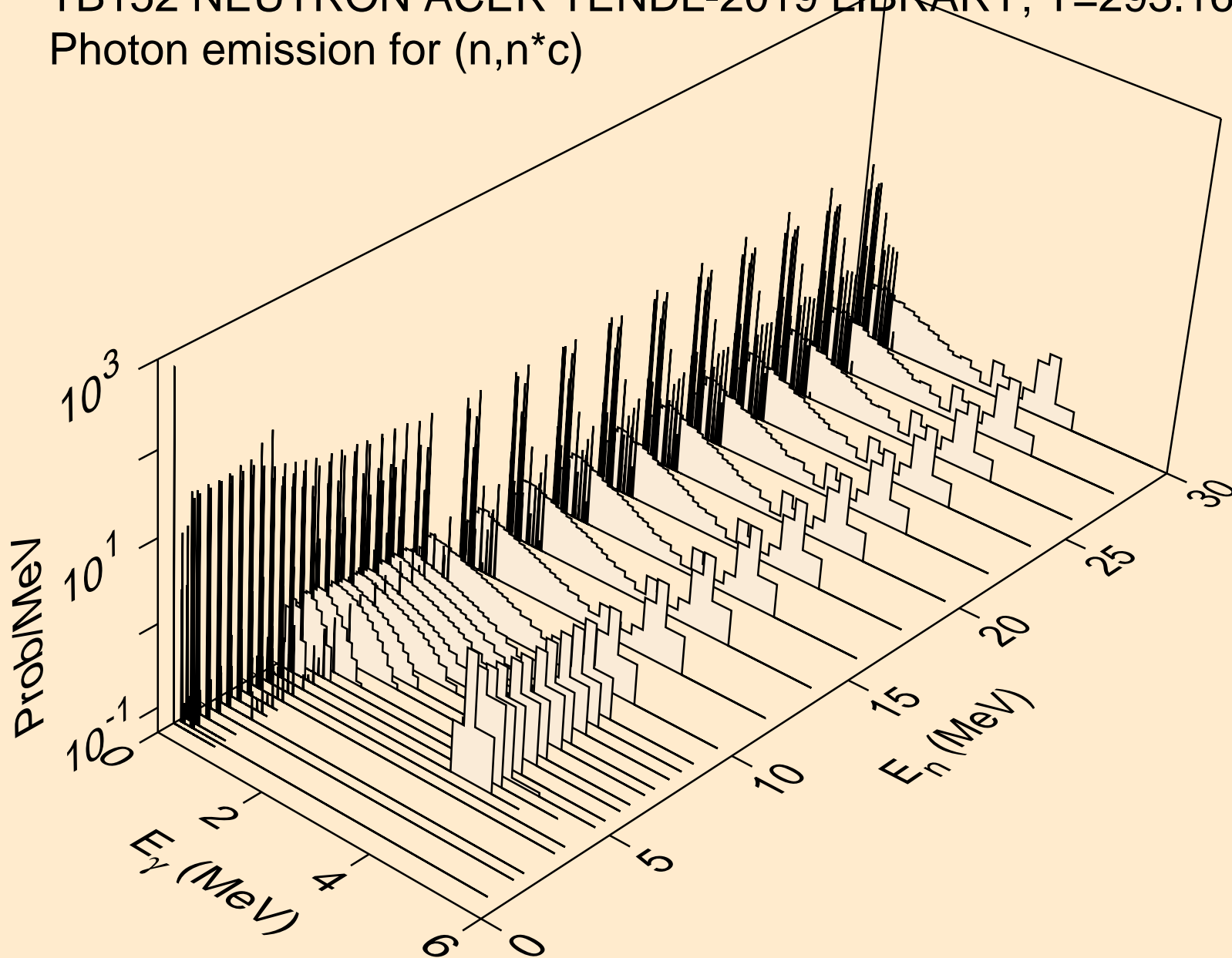
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



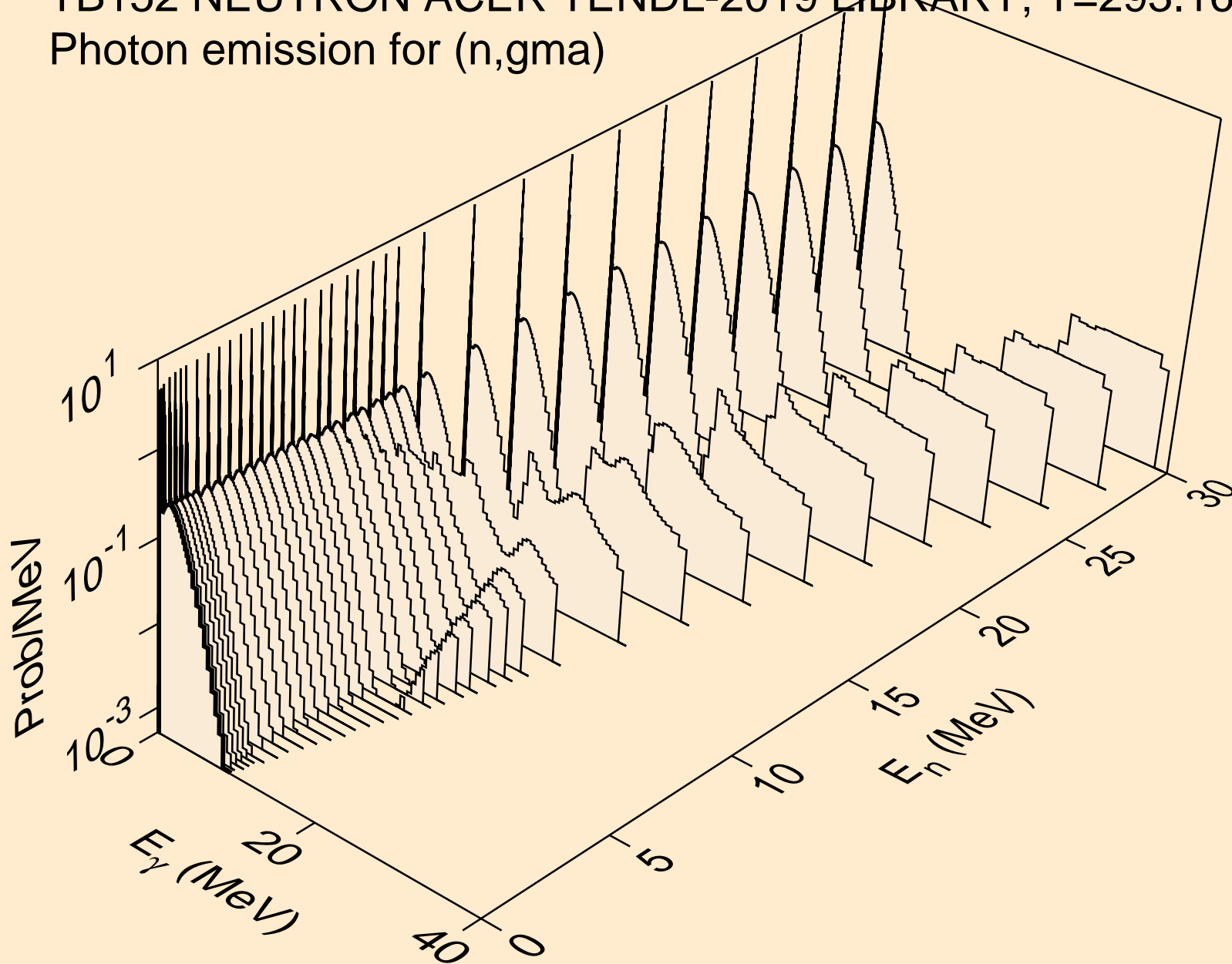
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



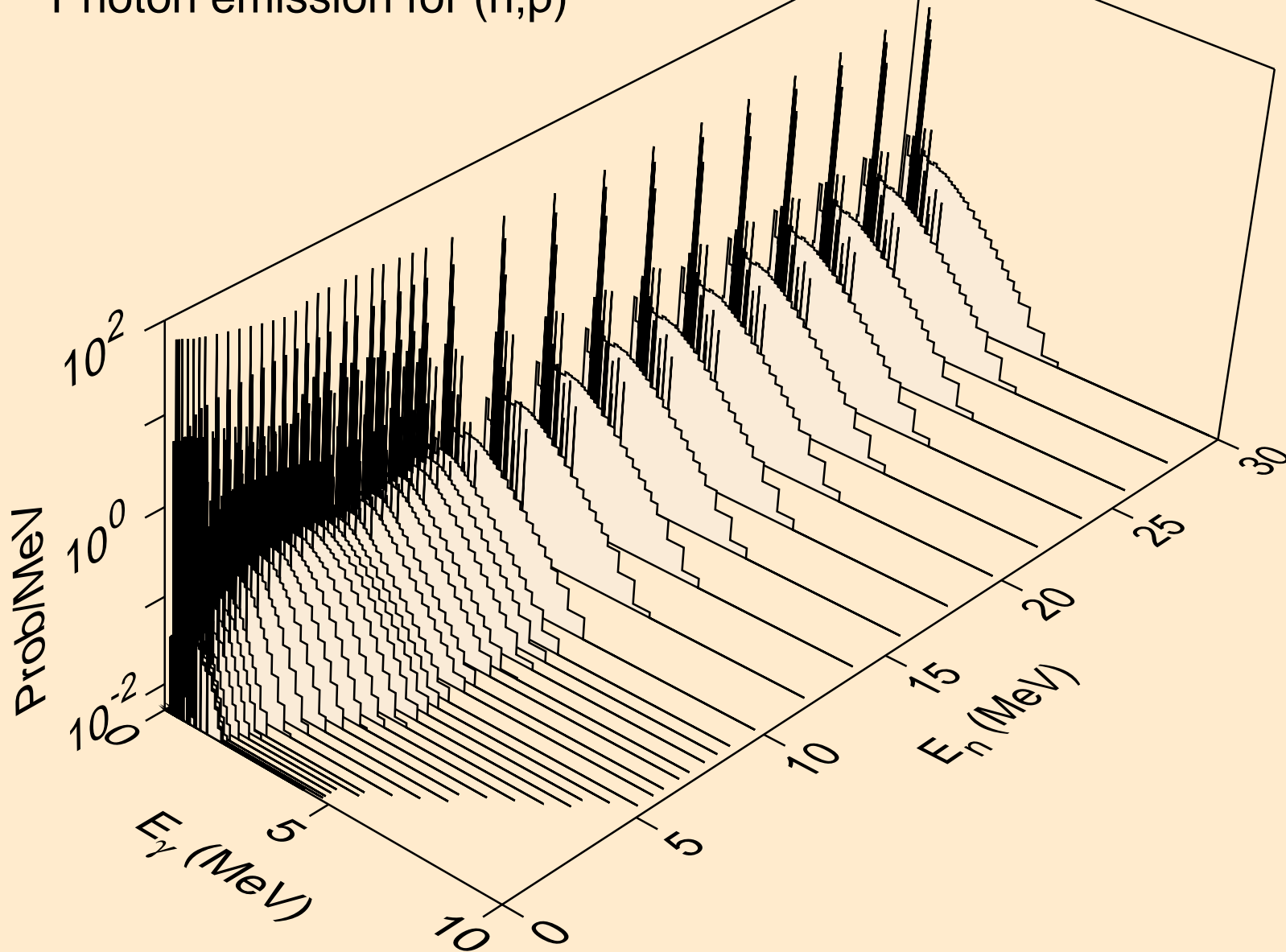
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



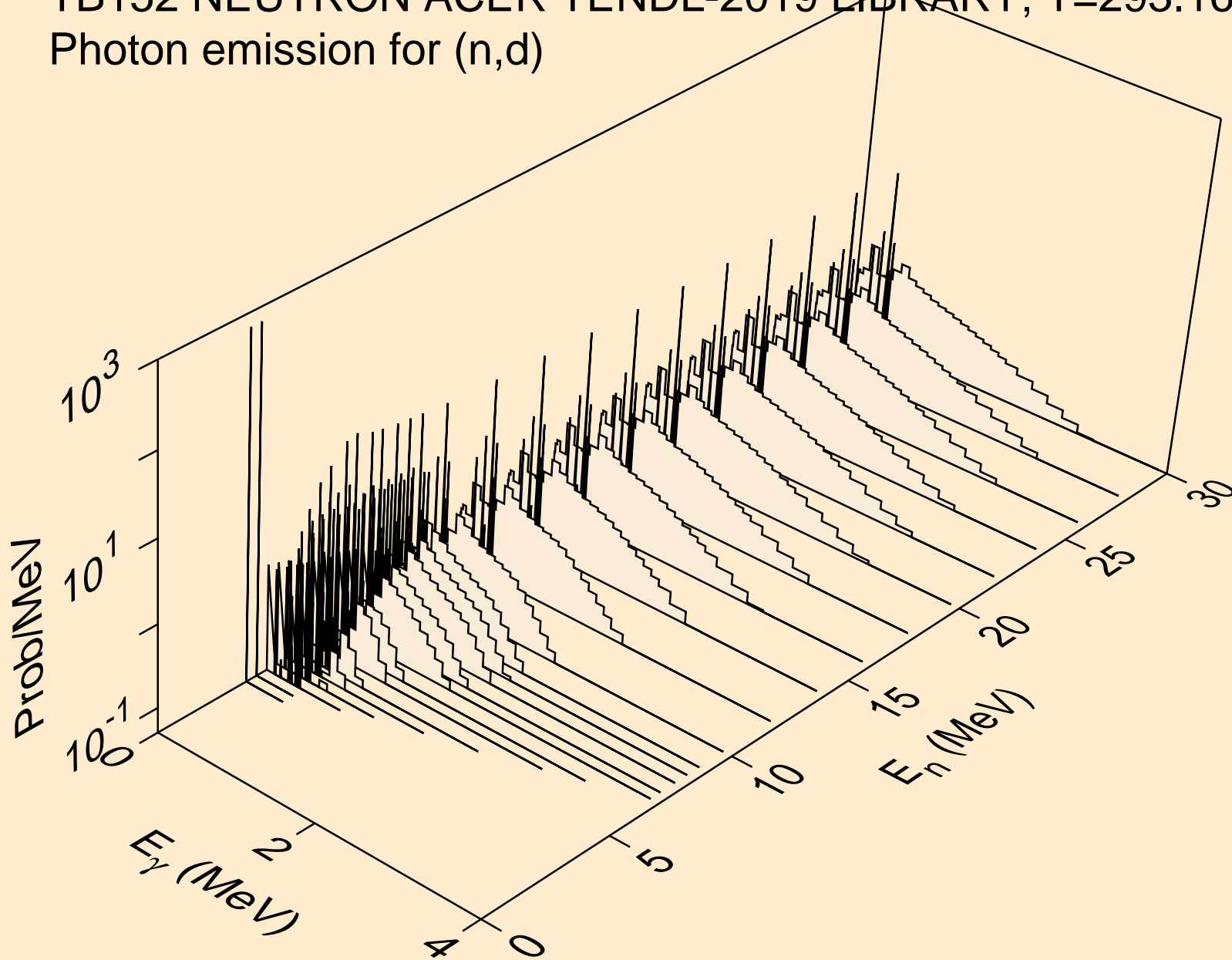
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



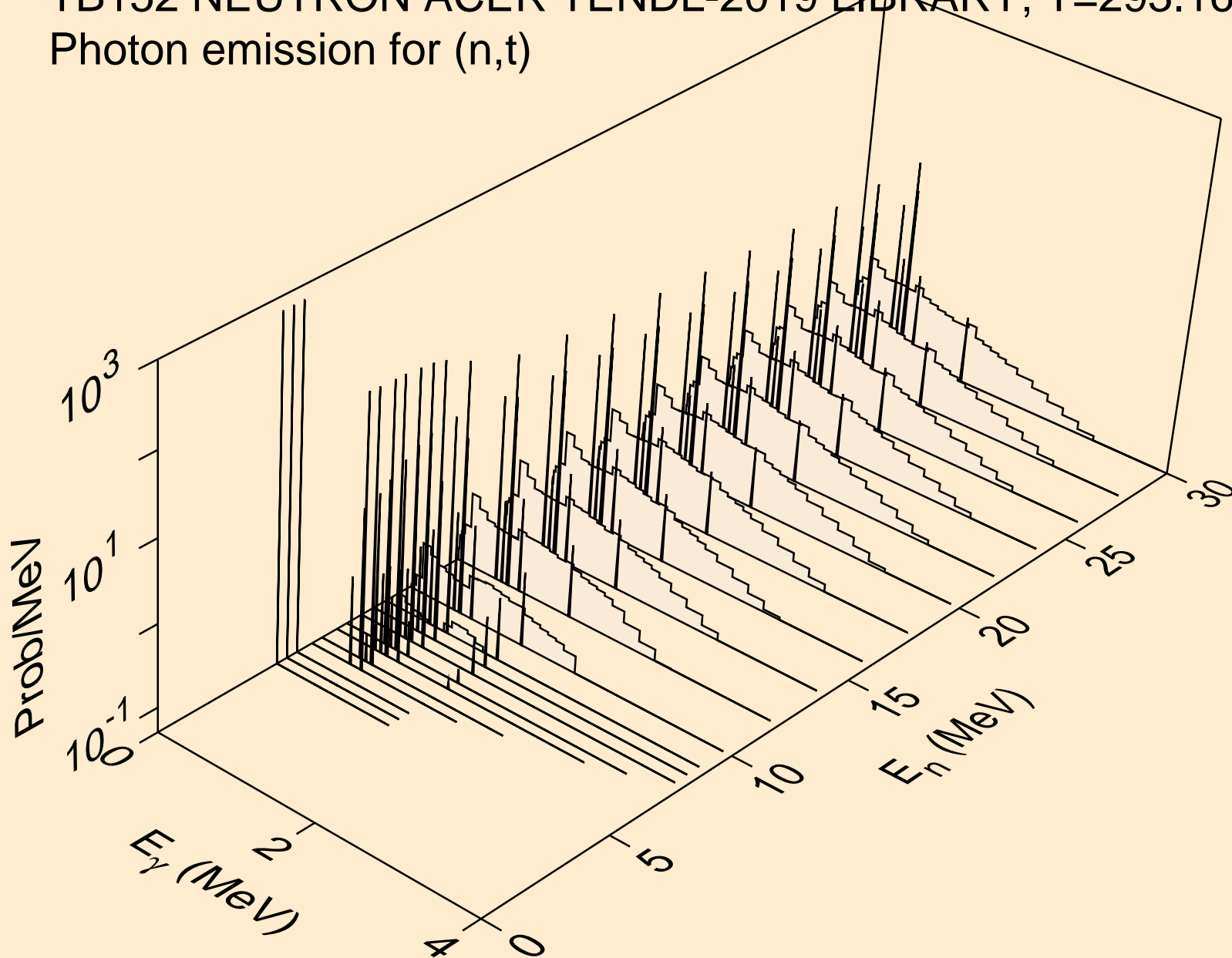
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



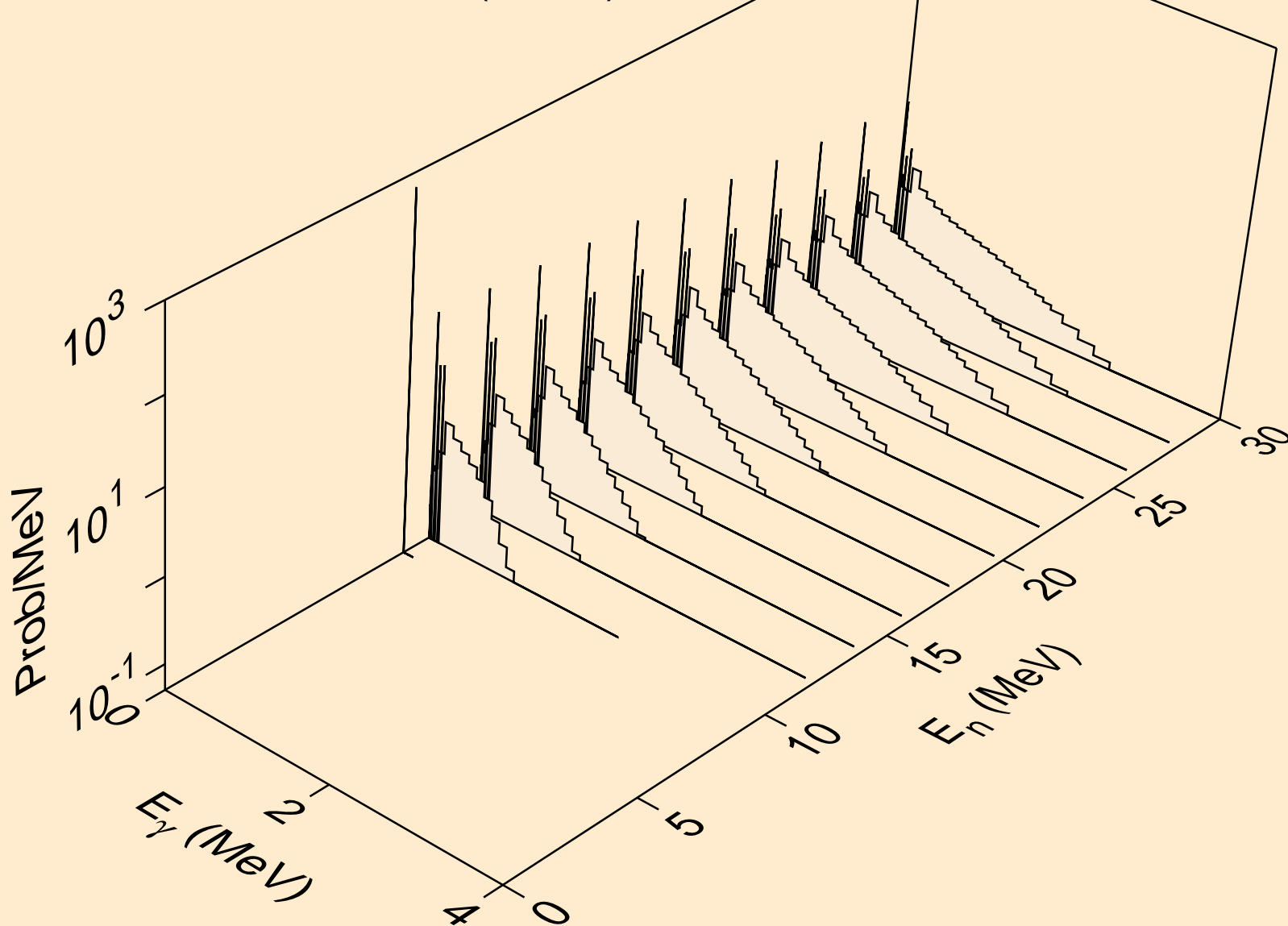
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



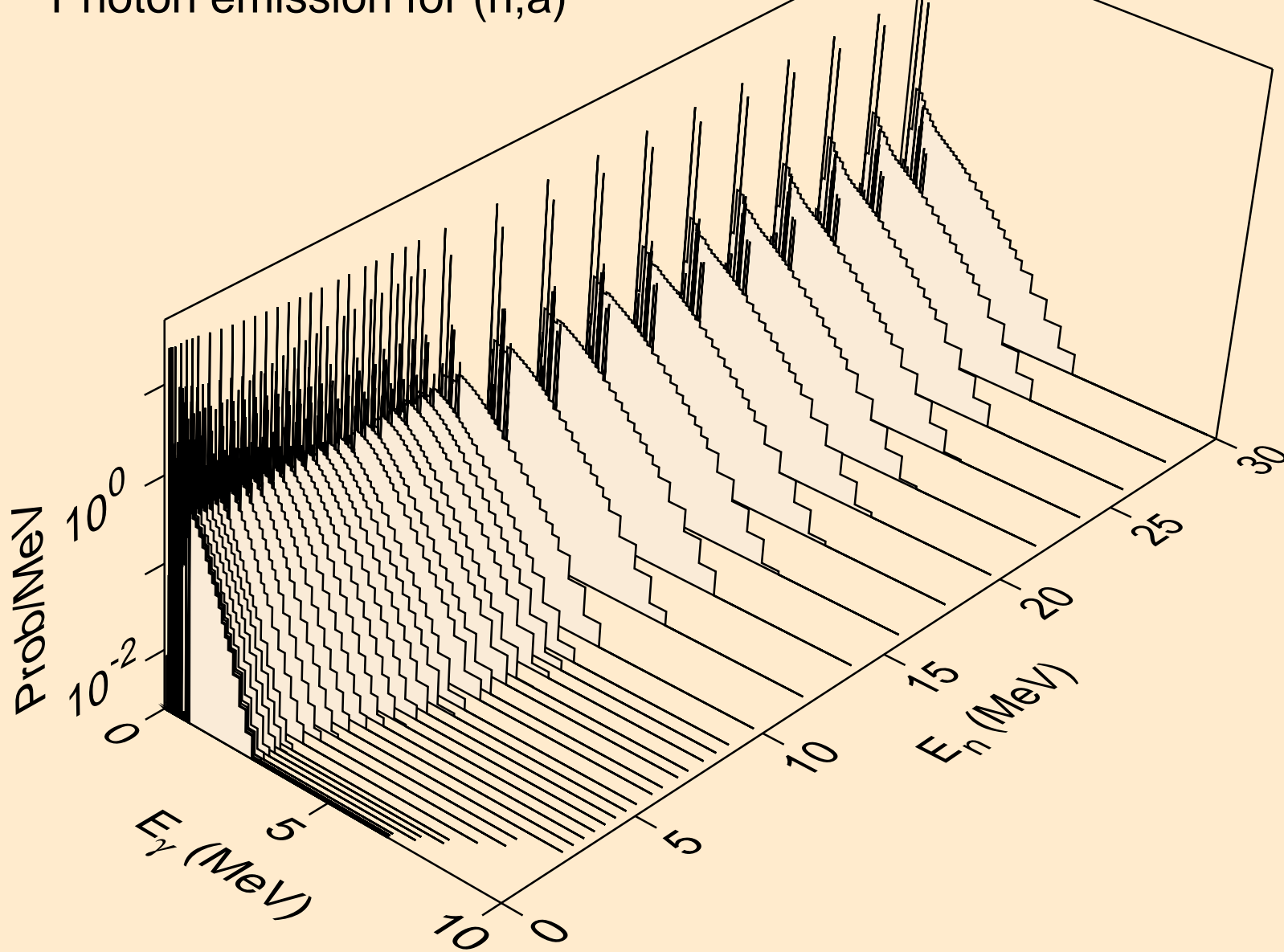
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



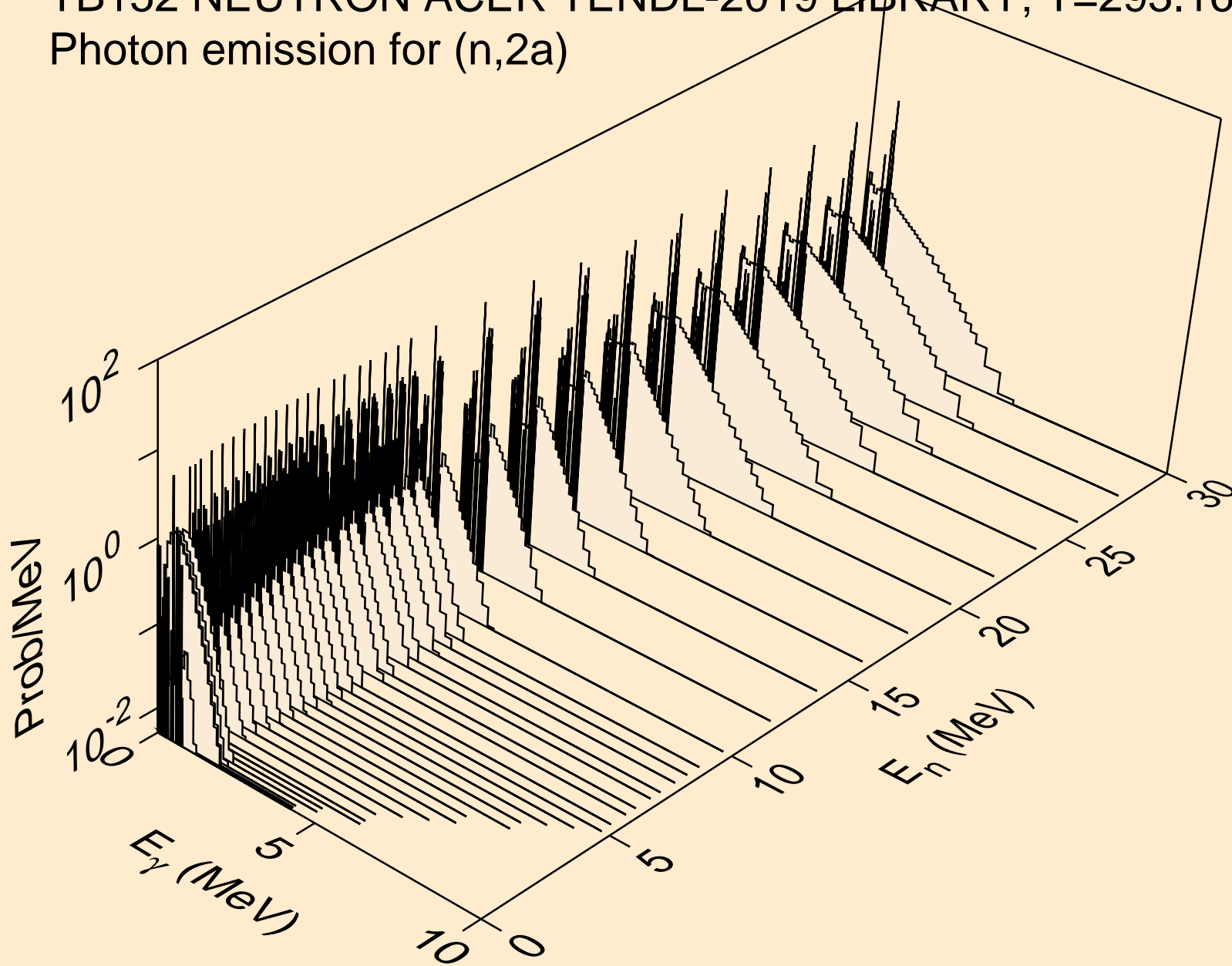
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



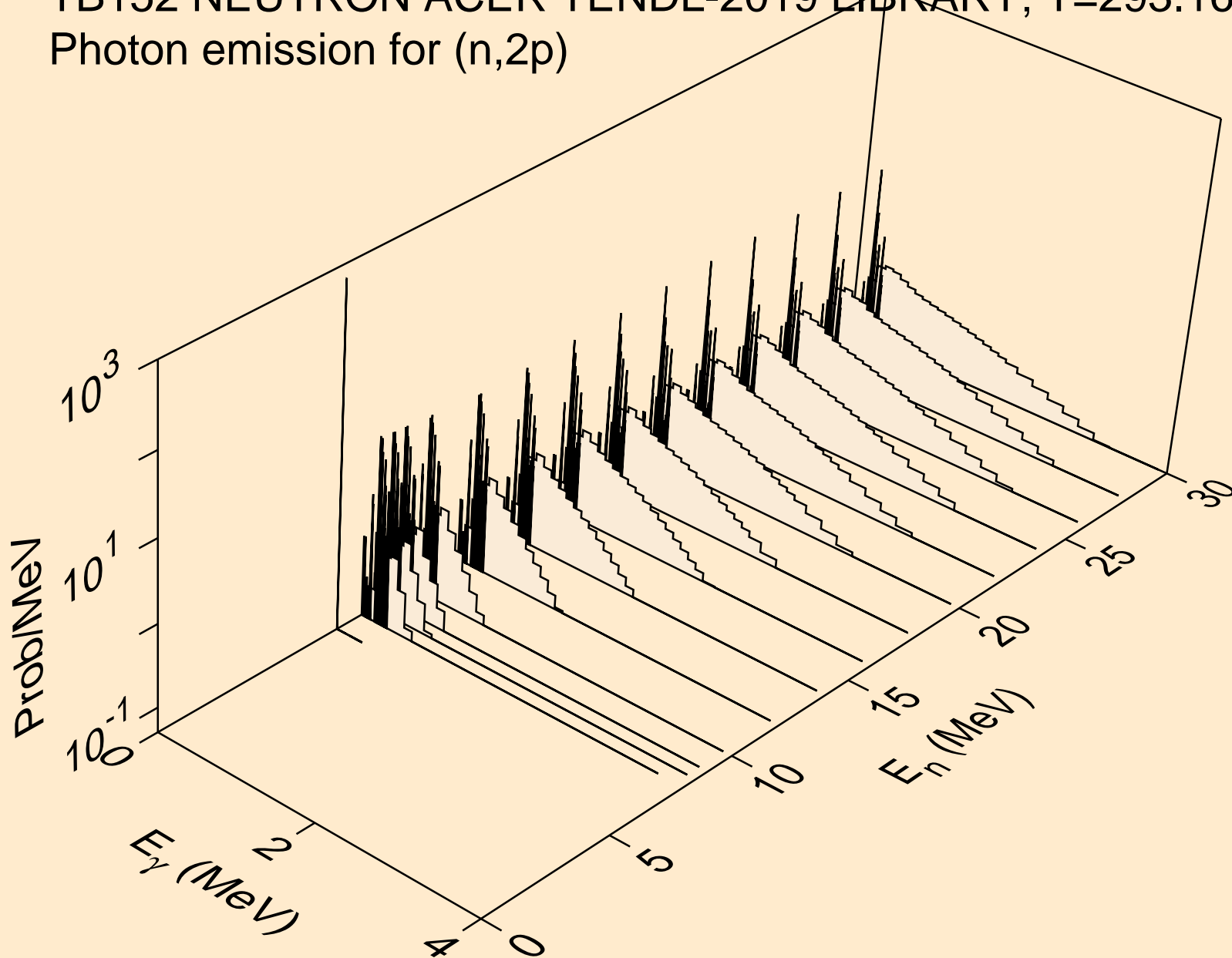
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



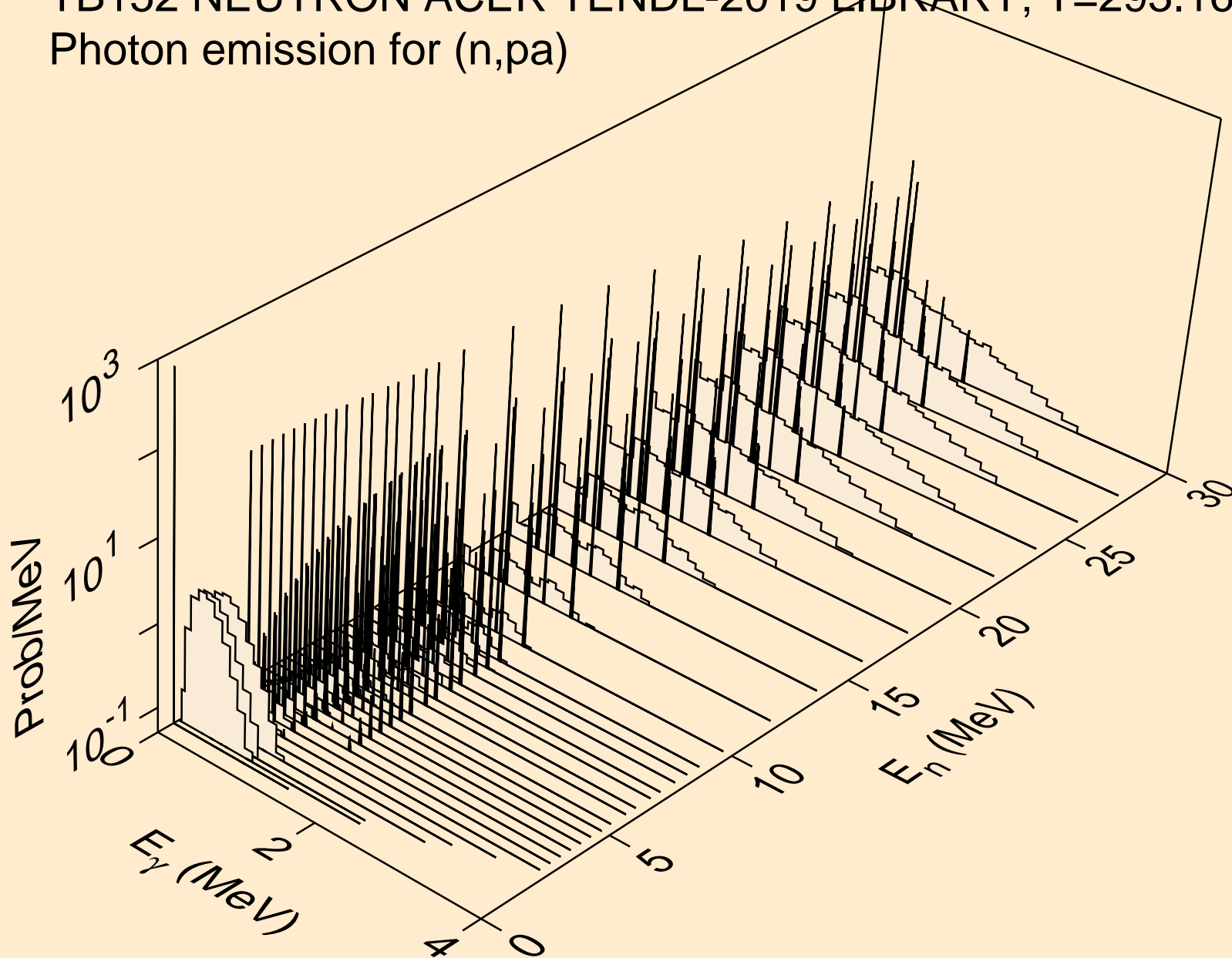
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



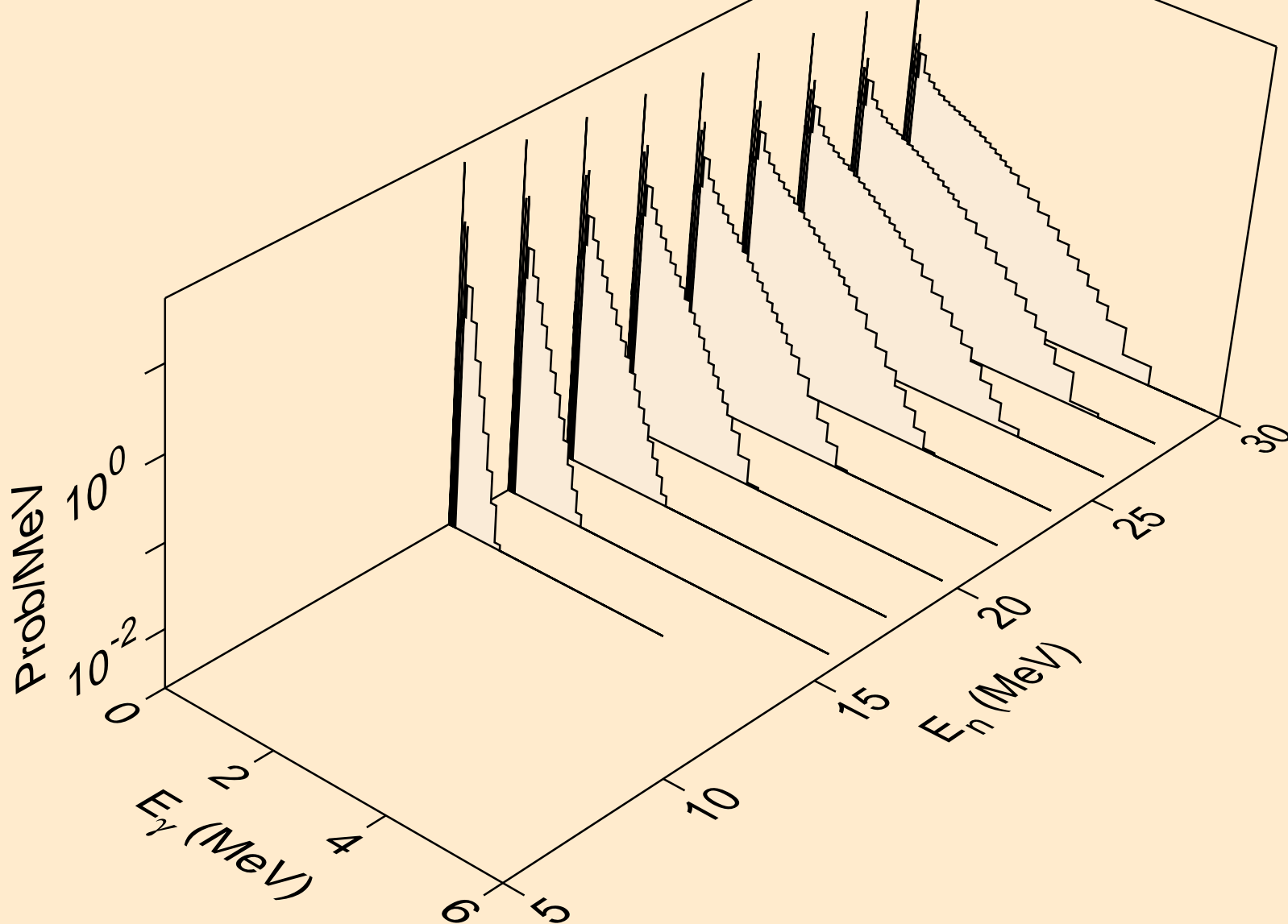
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



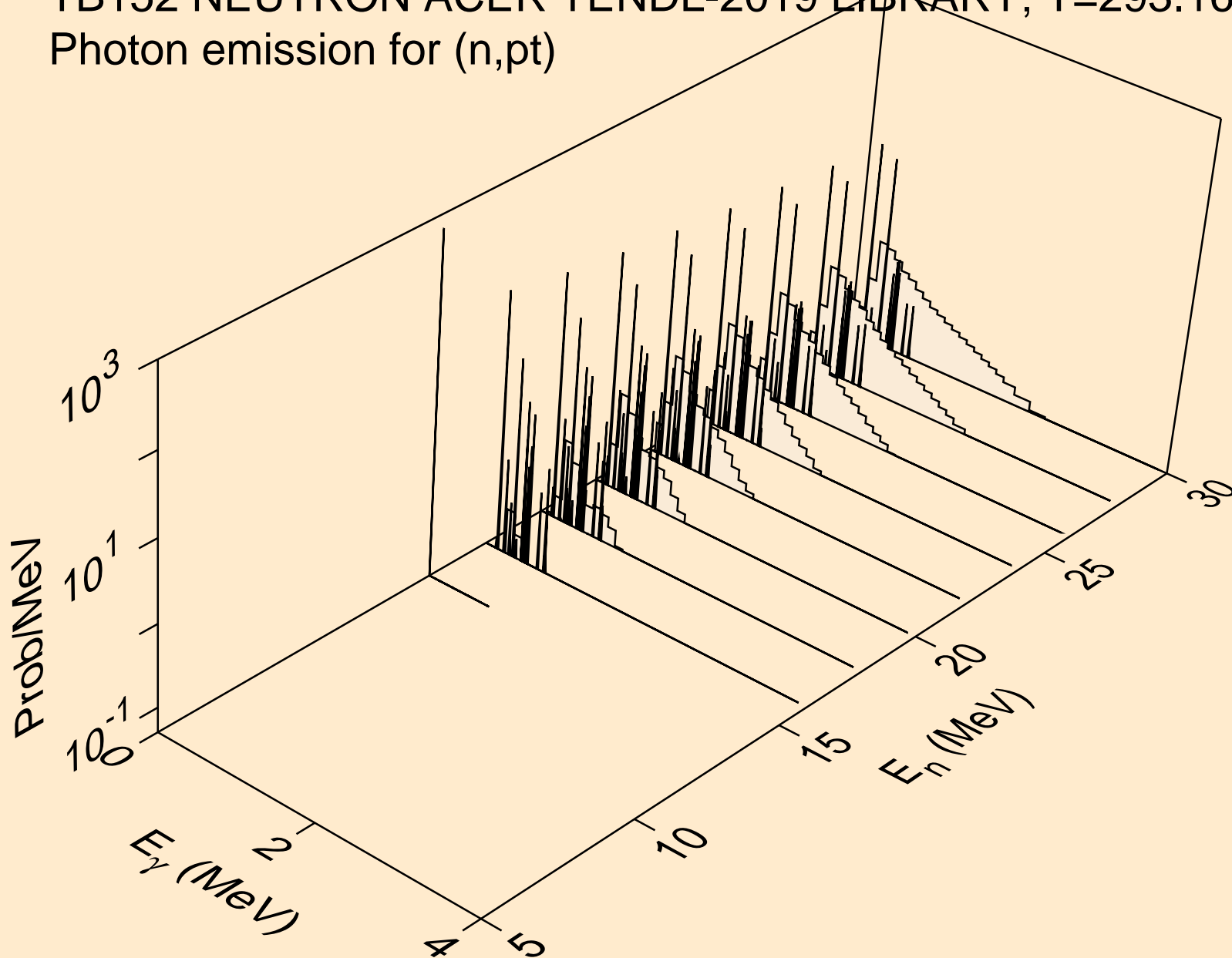
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



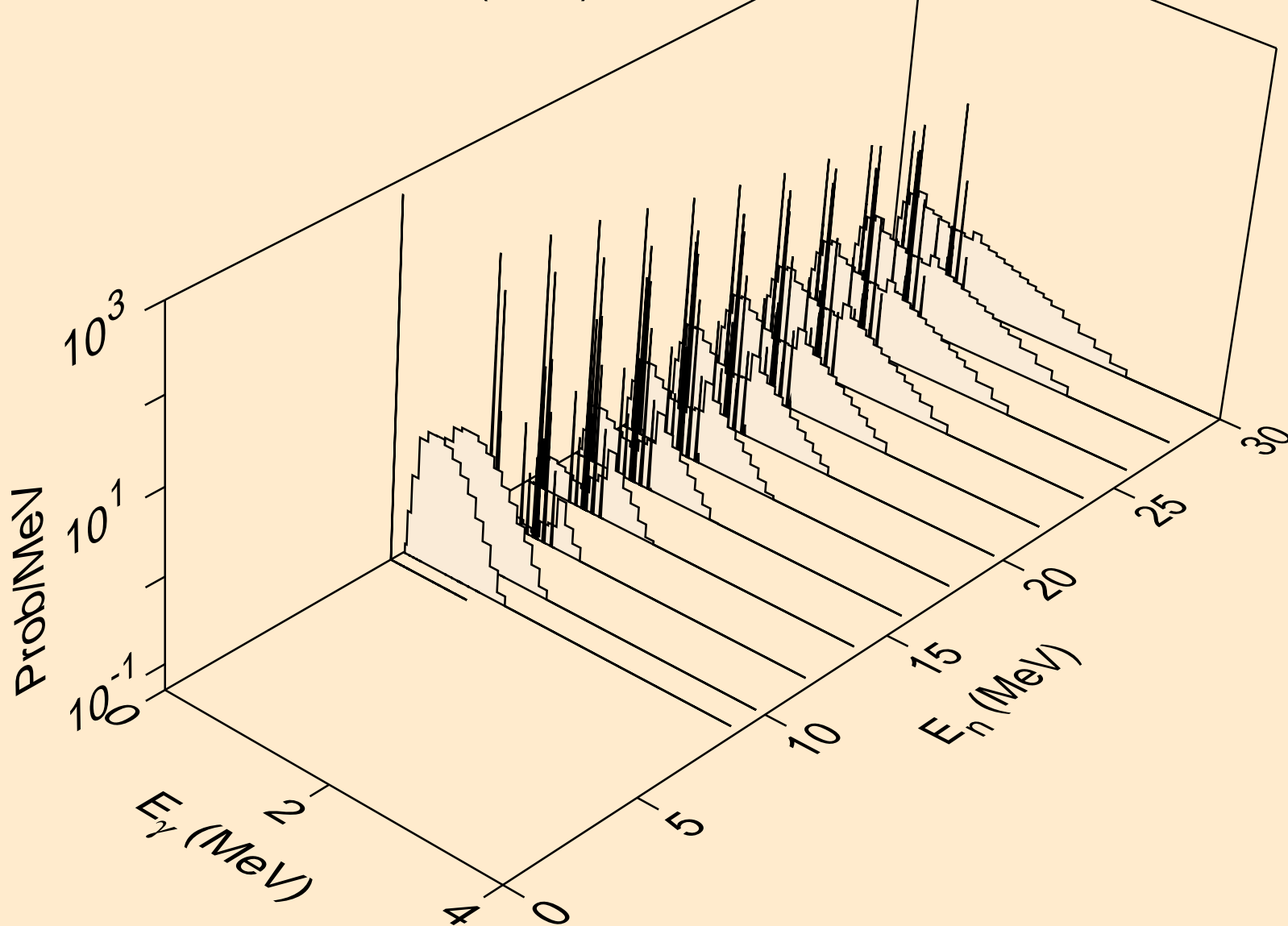
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



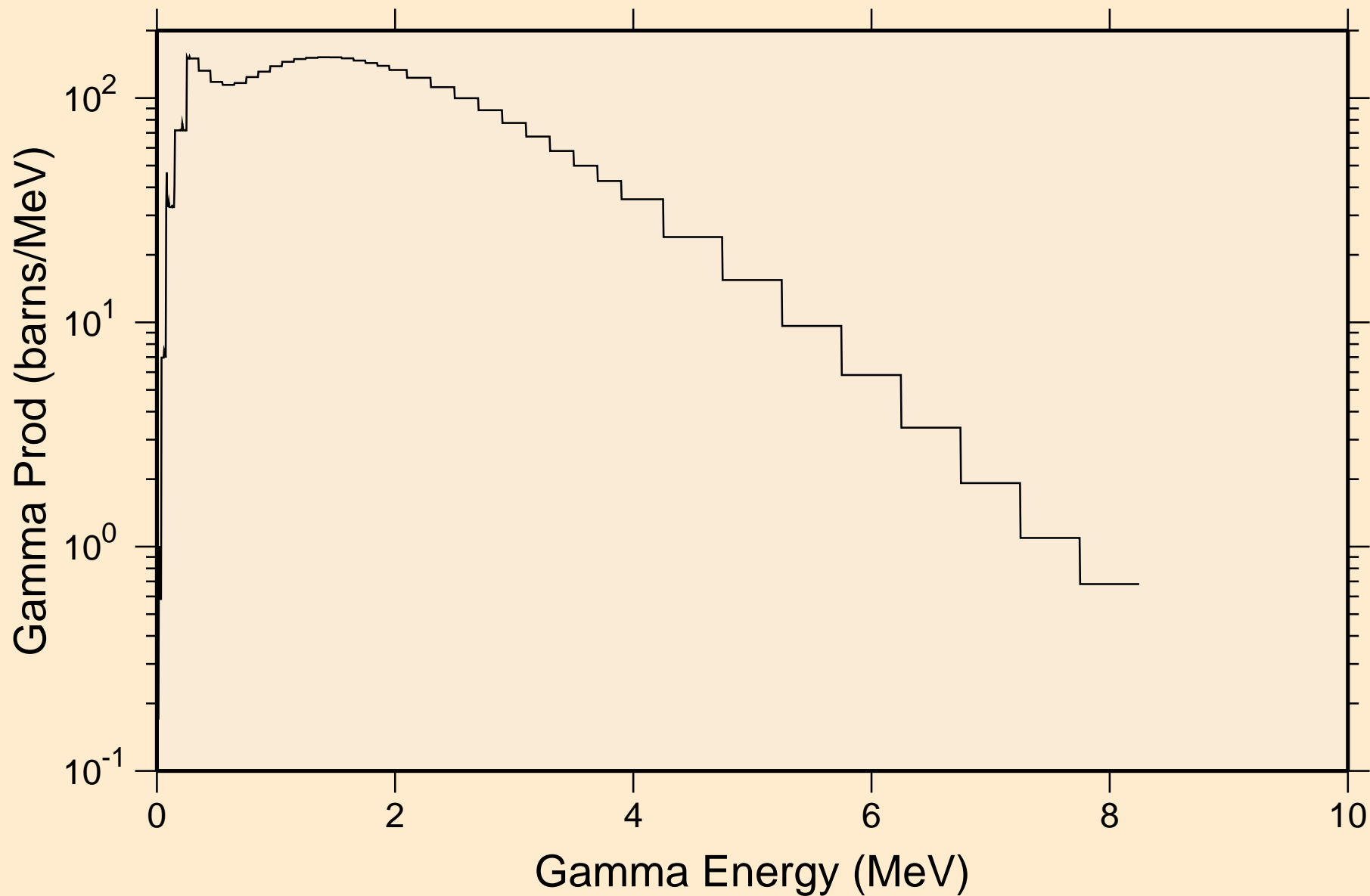
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



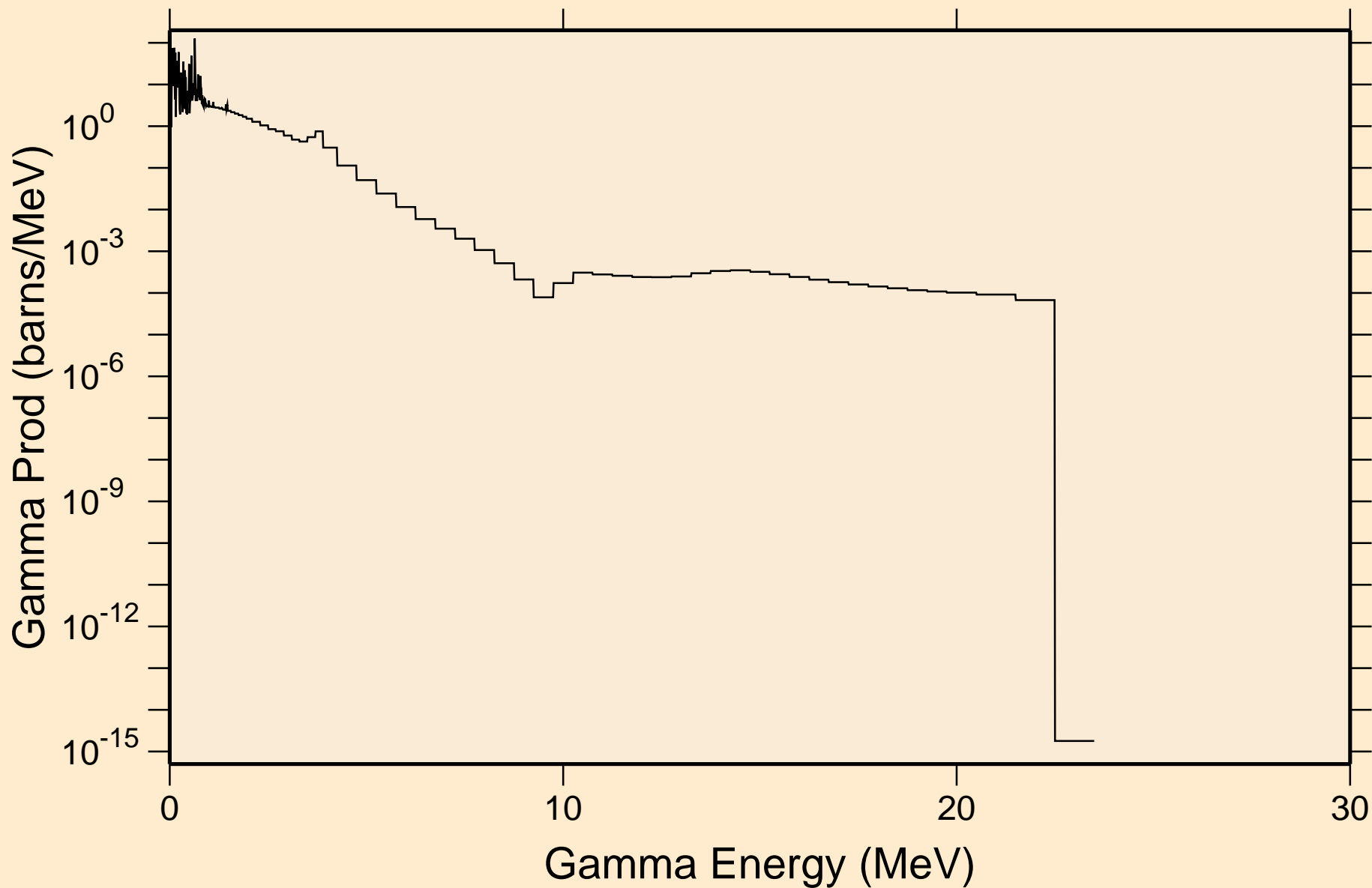
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

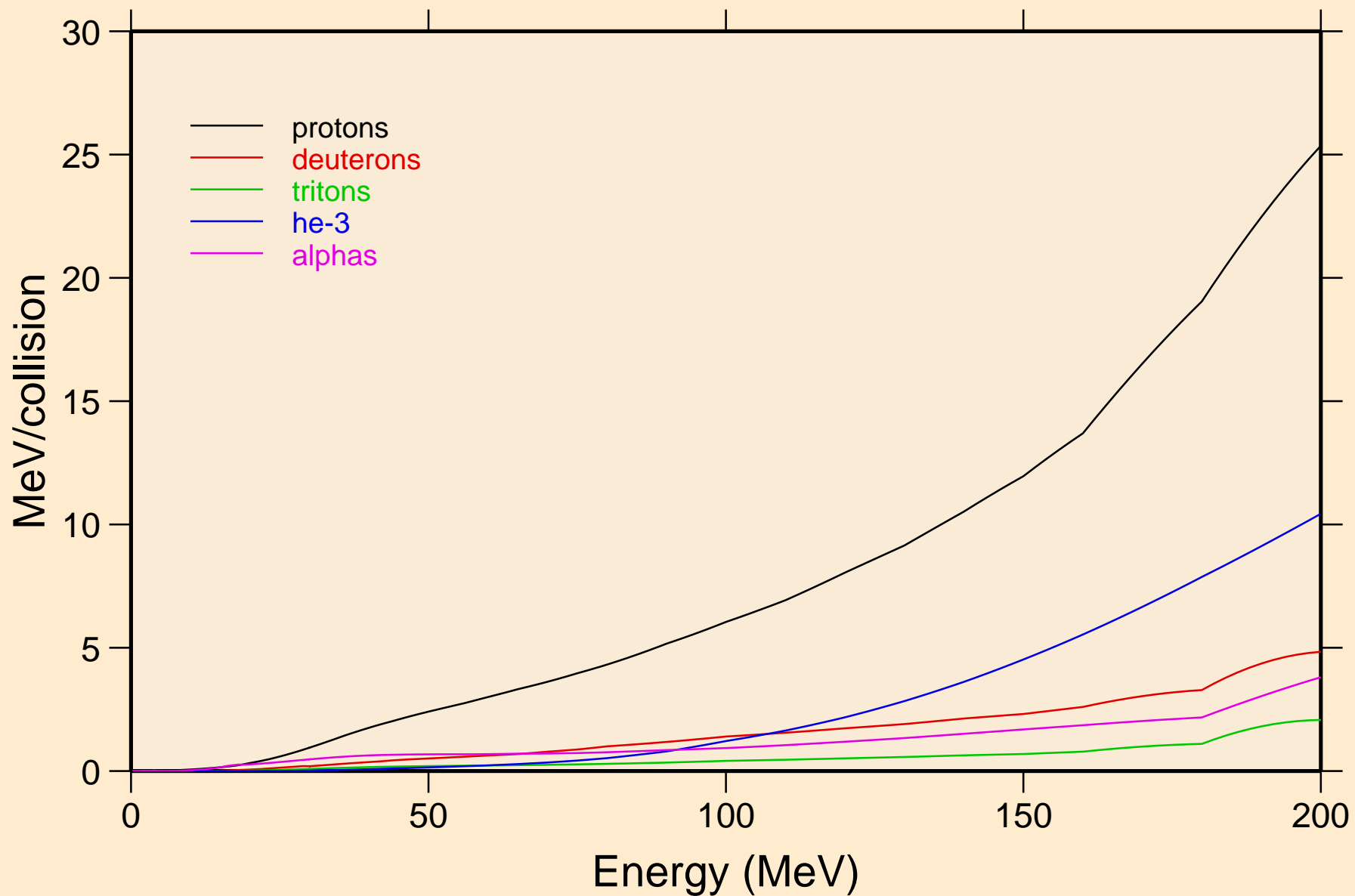


TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

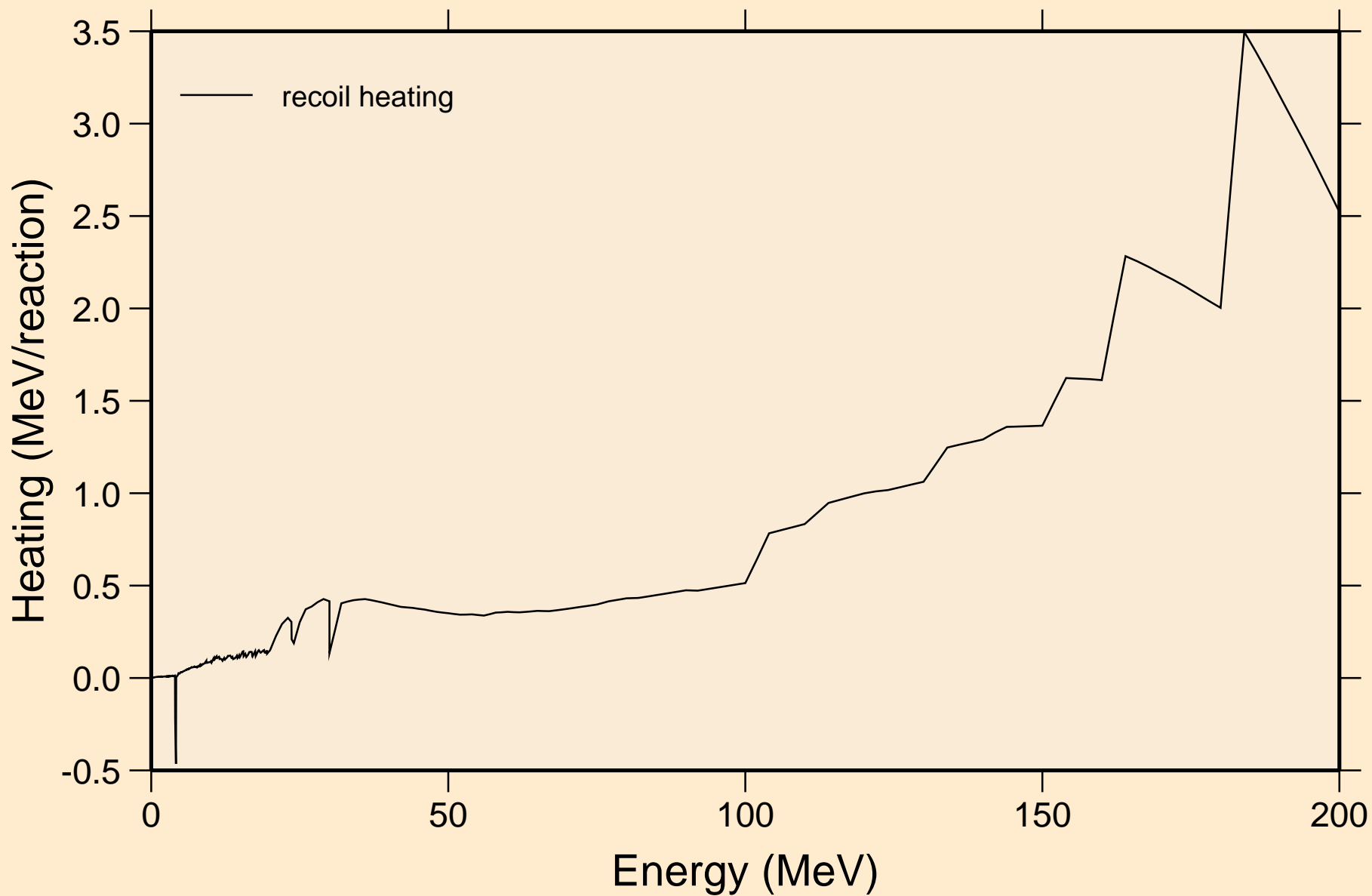


TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

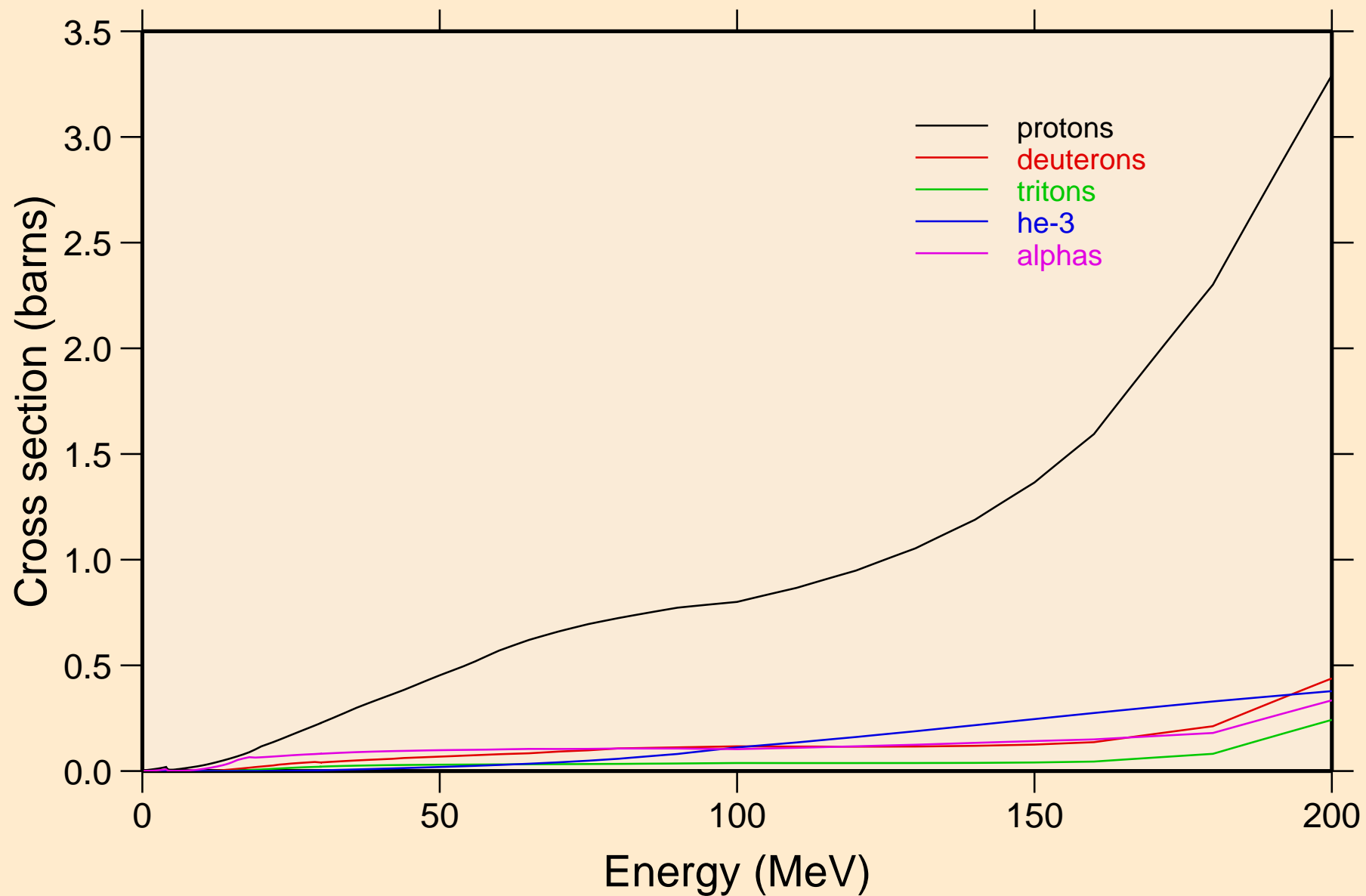
Particle heating contributions



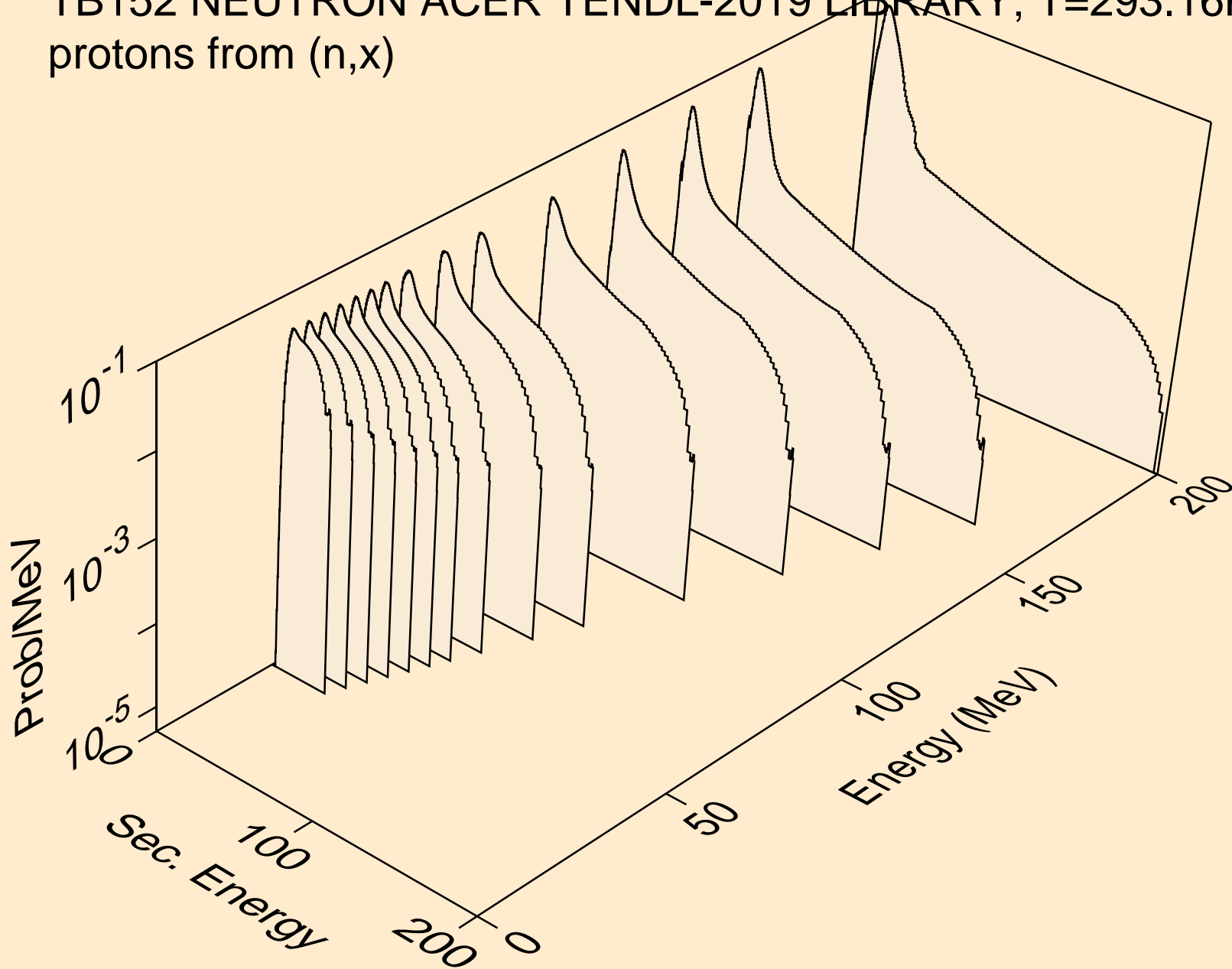
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



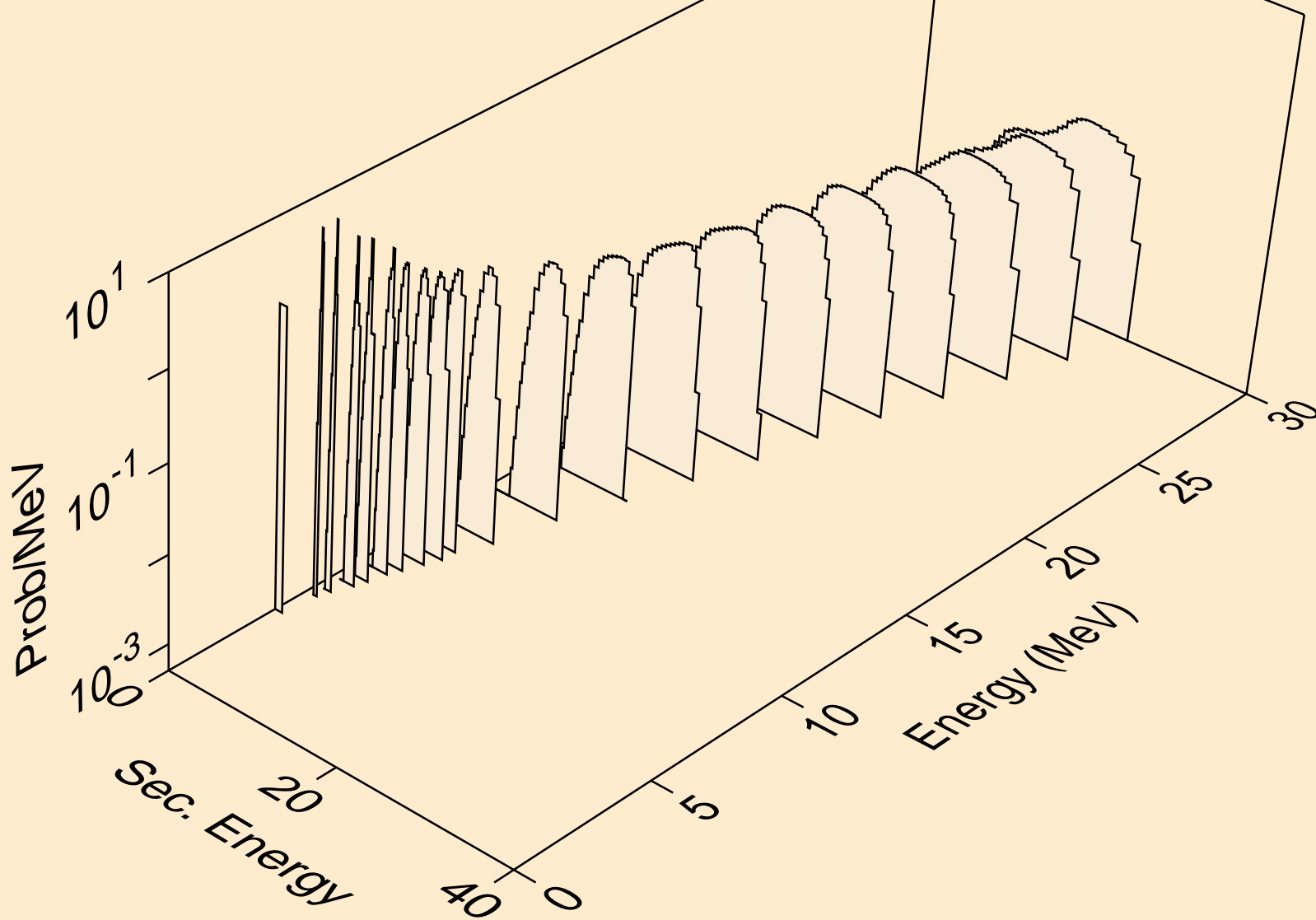
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



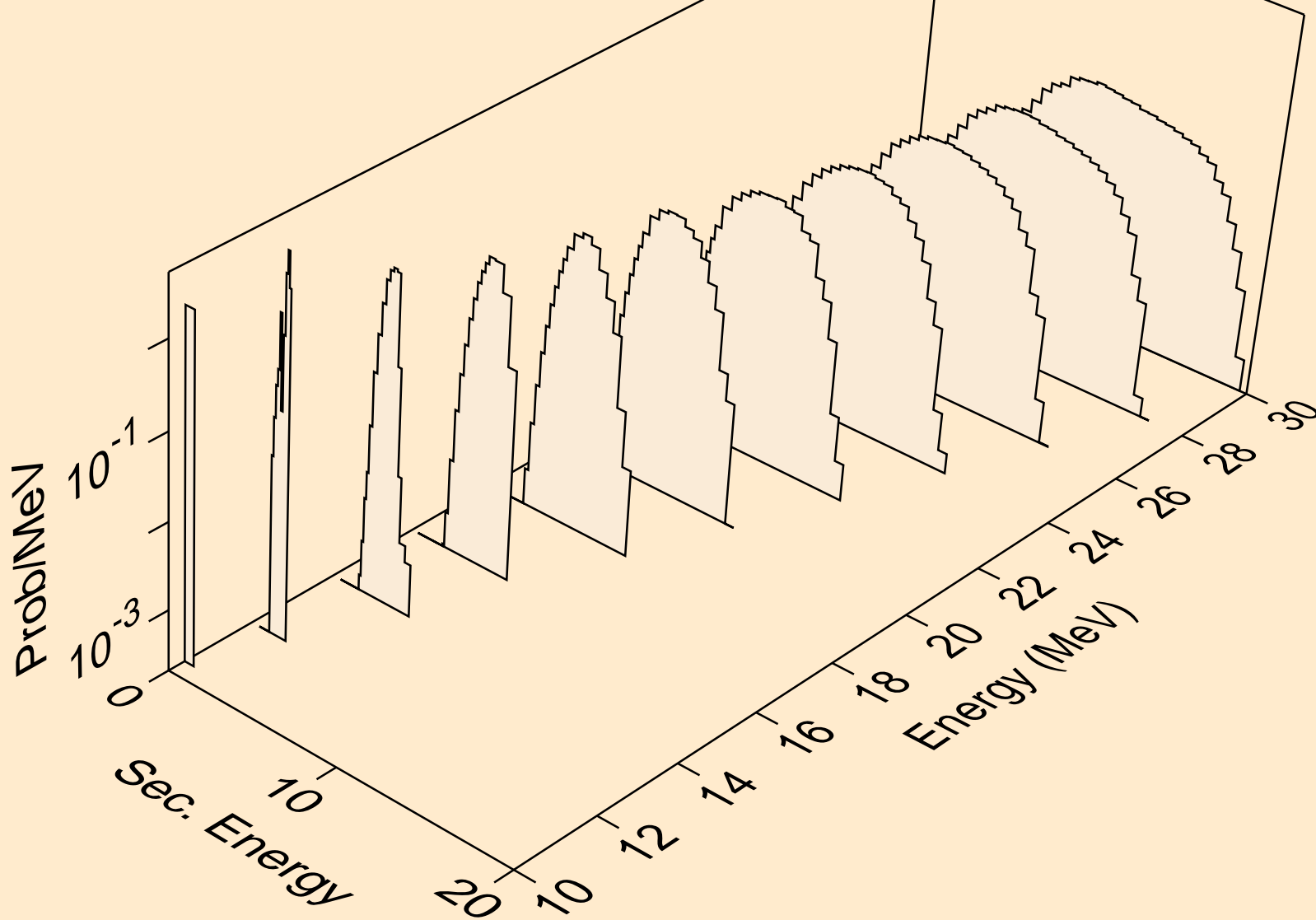
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



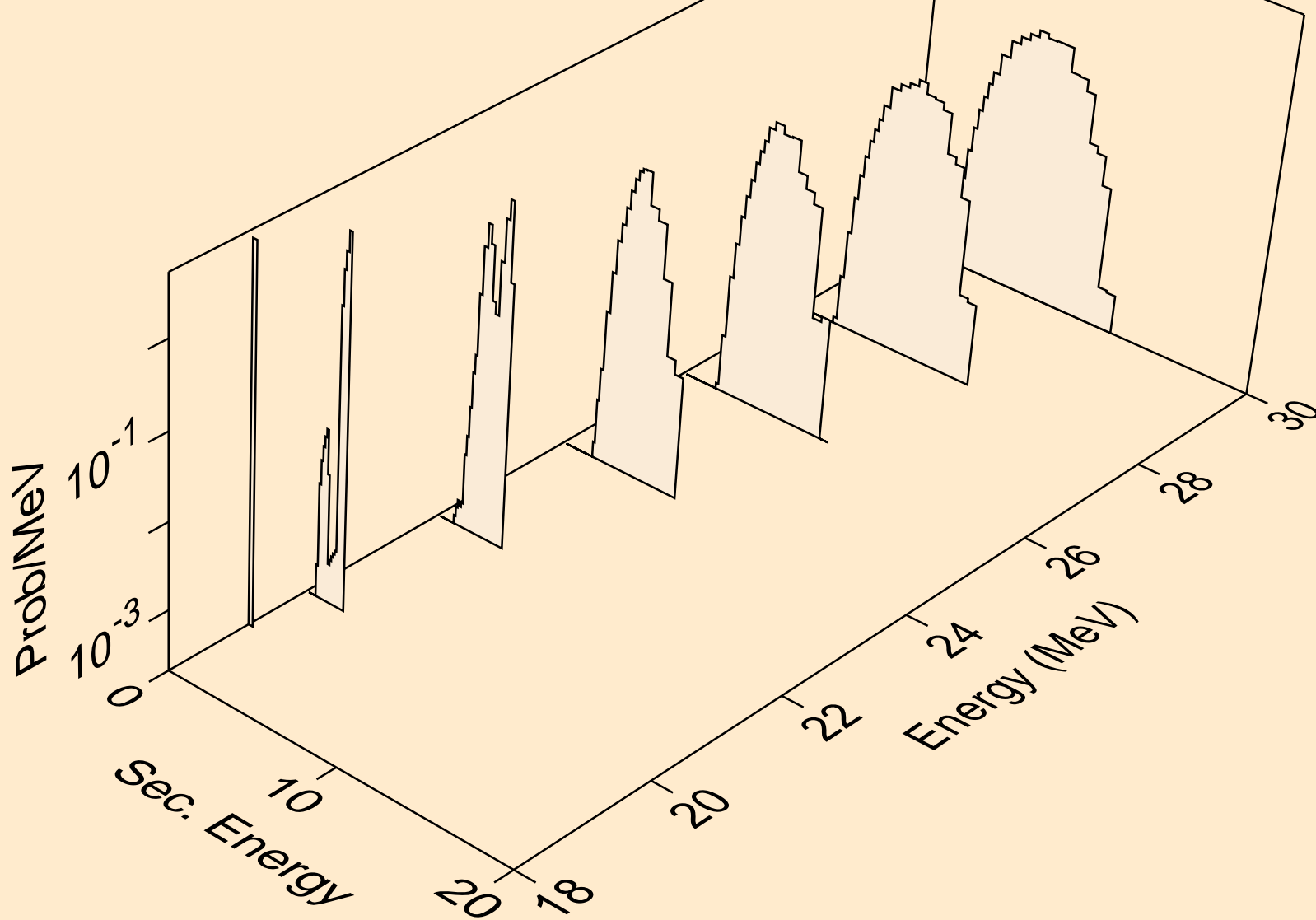
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



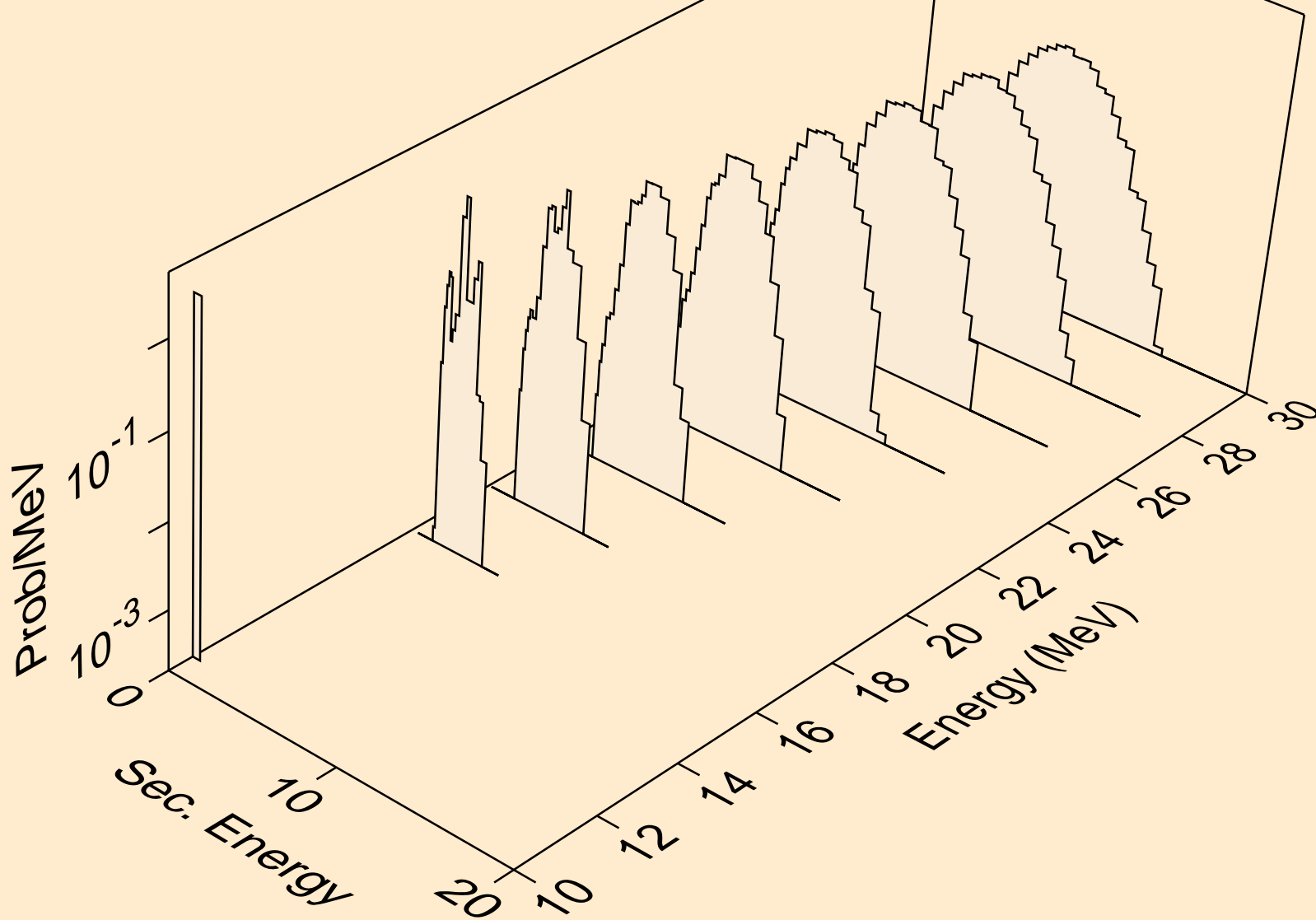
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



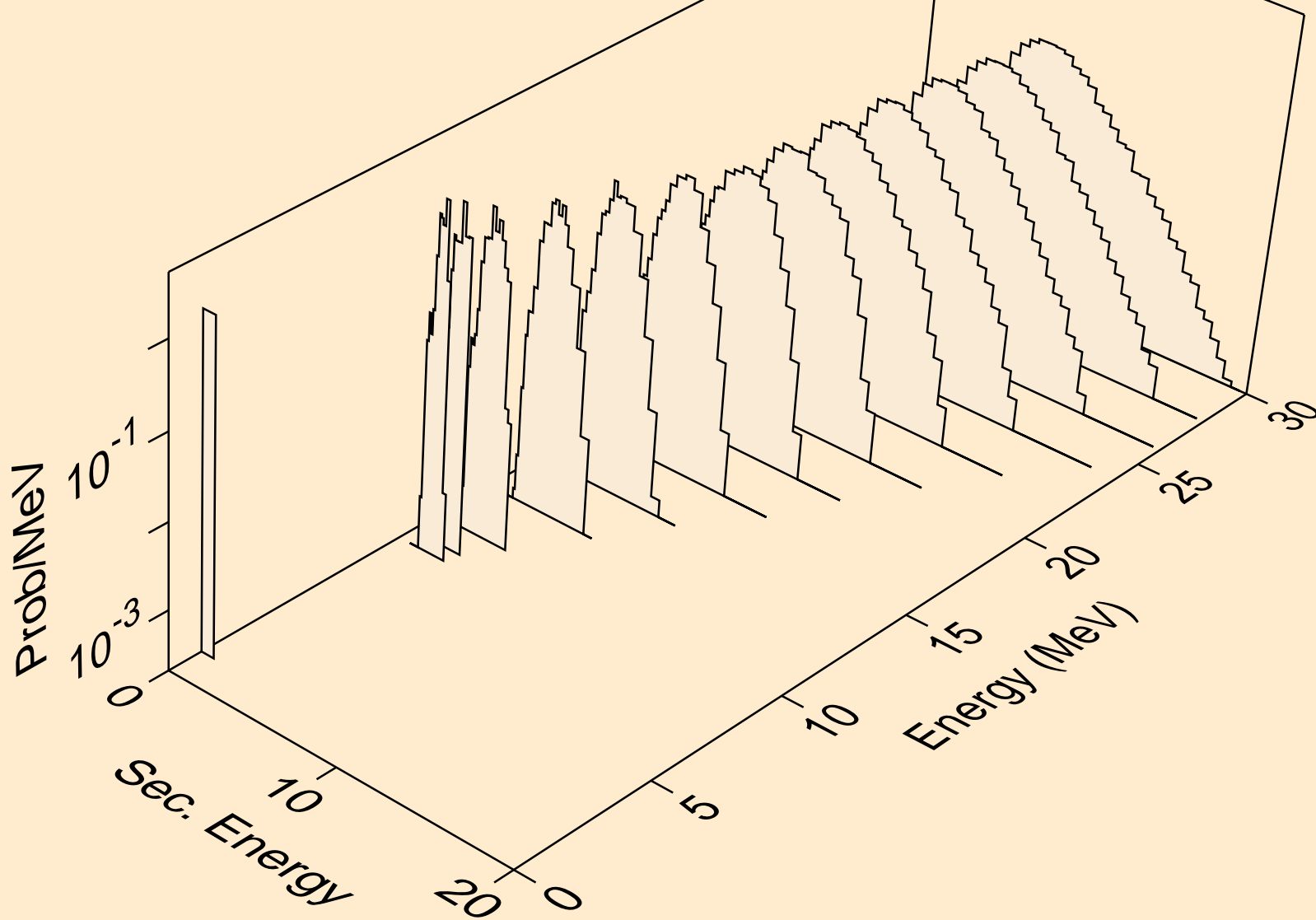
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



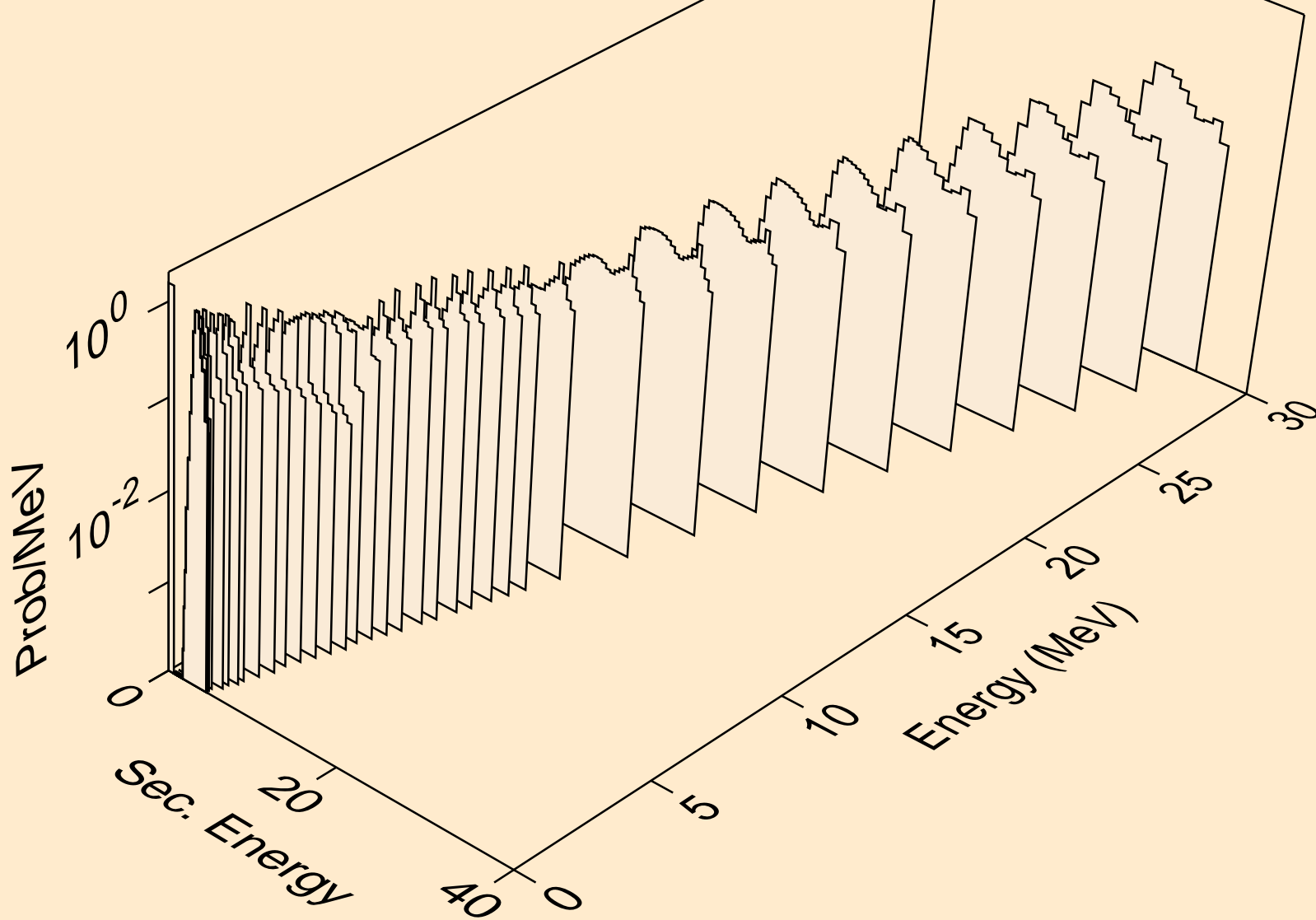
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protons from (n,2np)



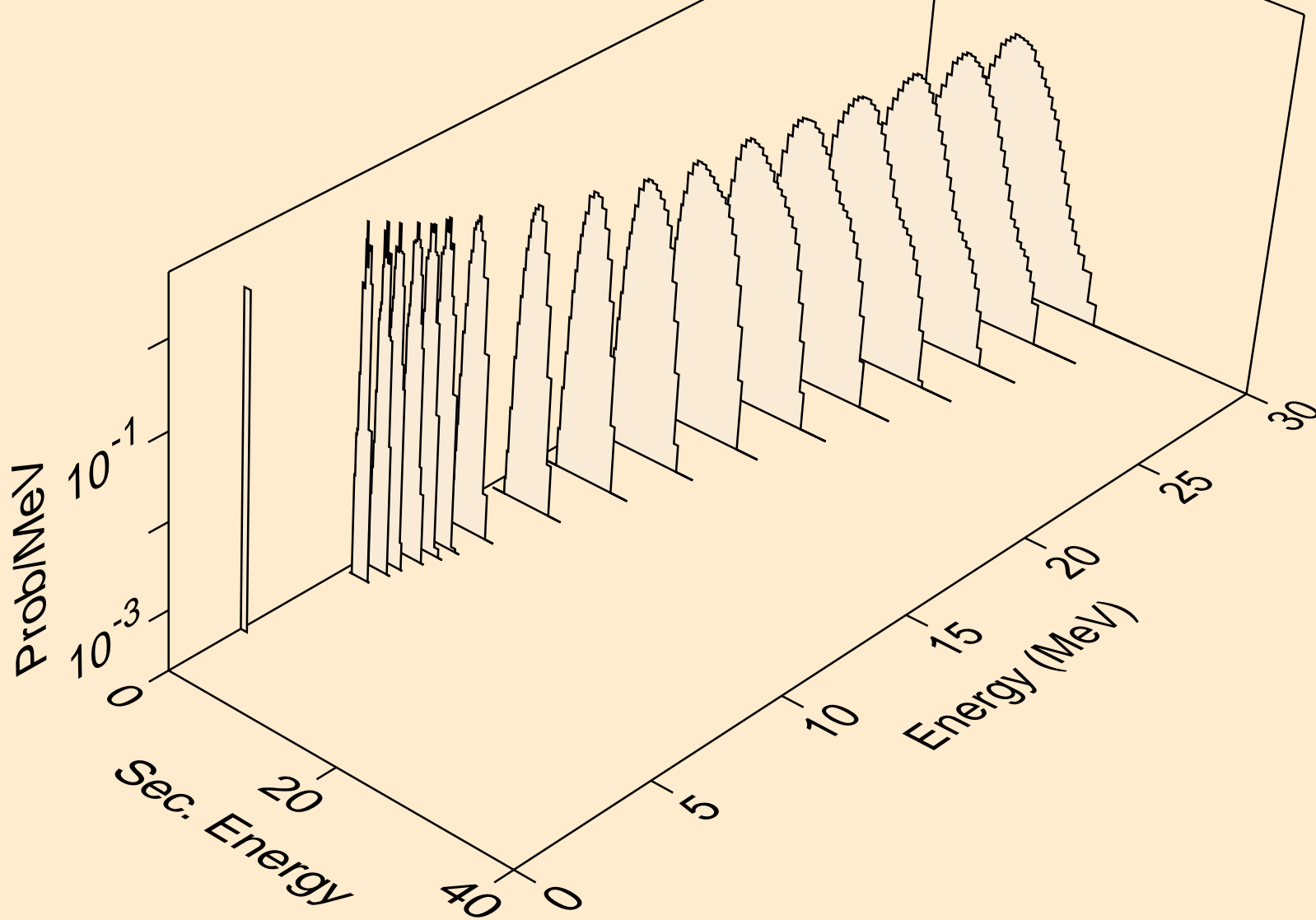
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protons from (n,npa)



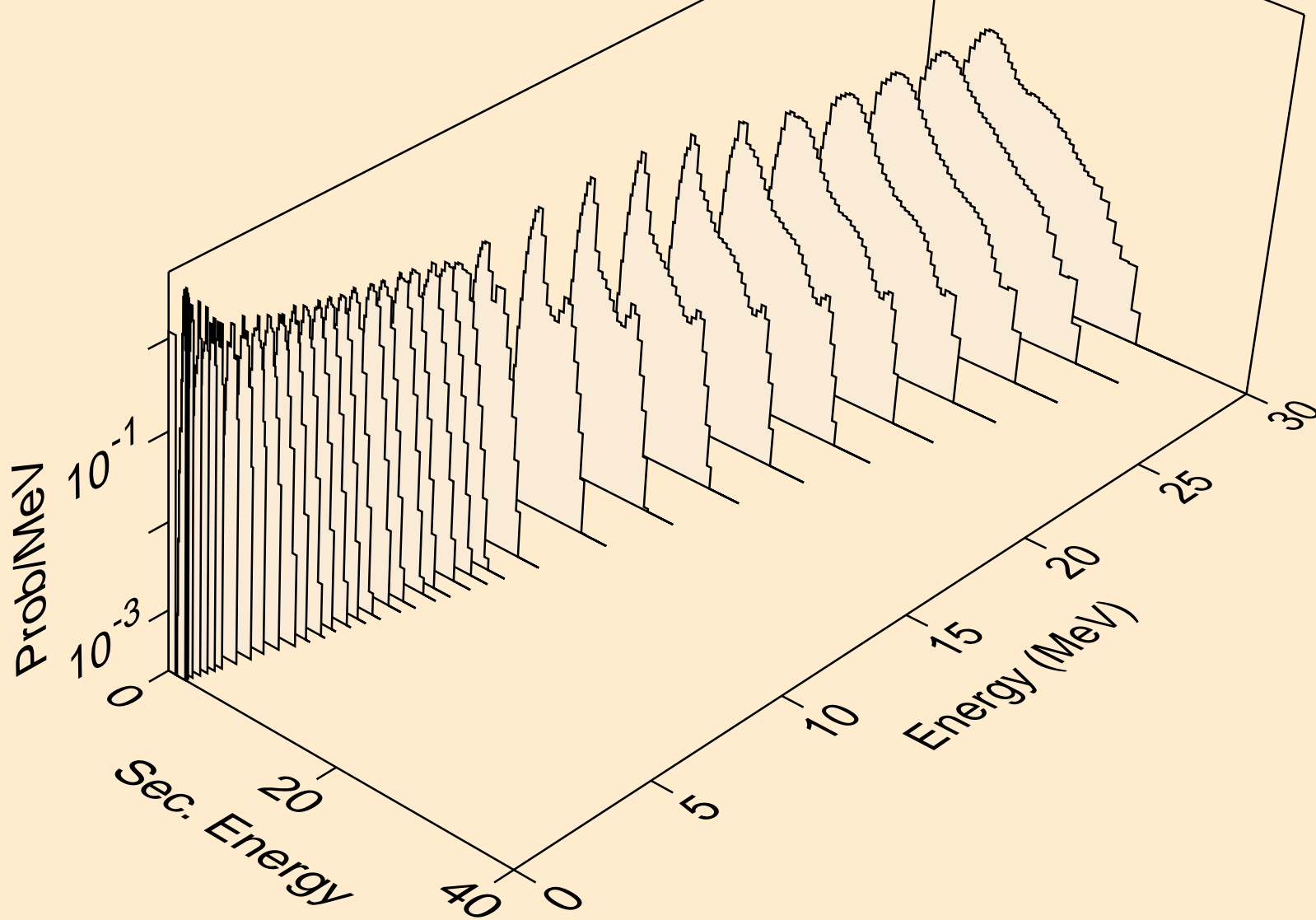
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



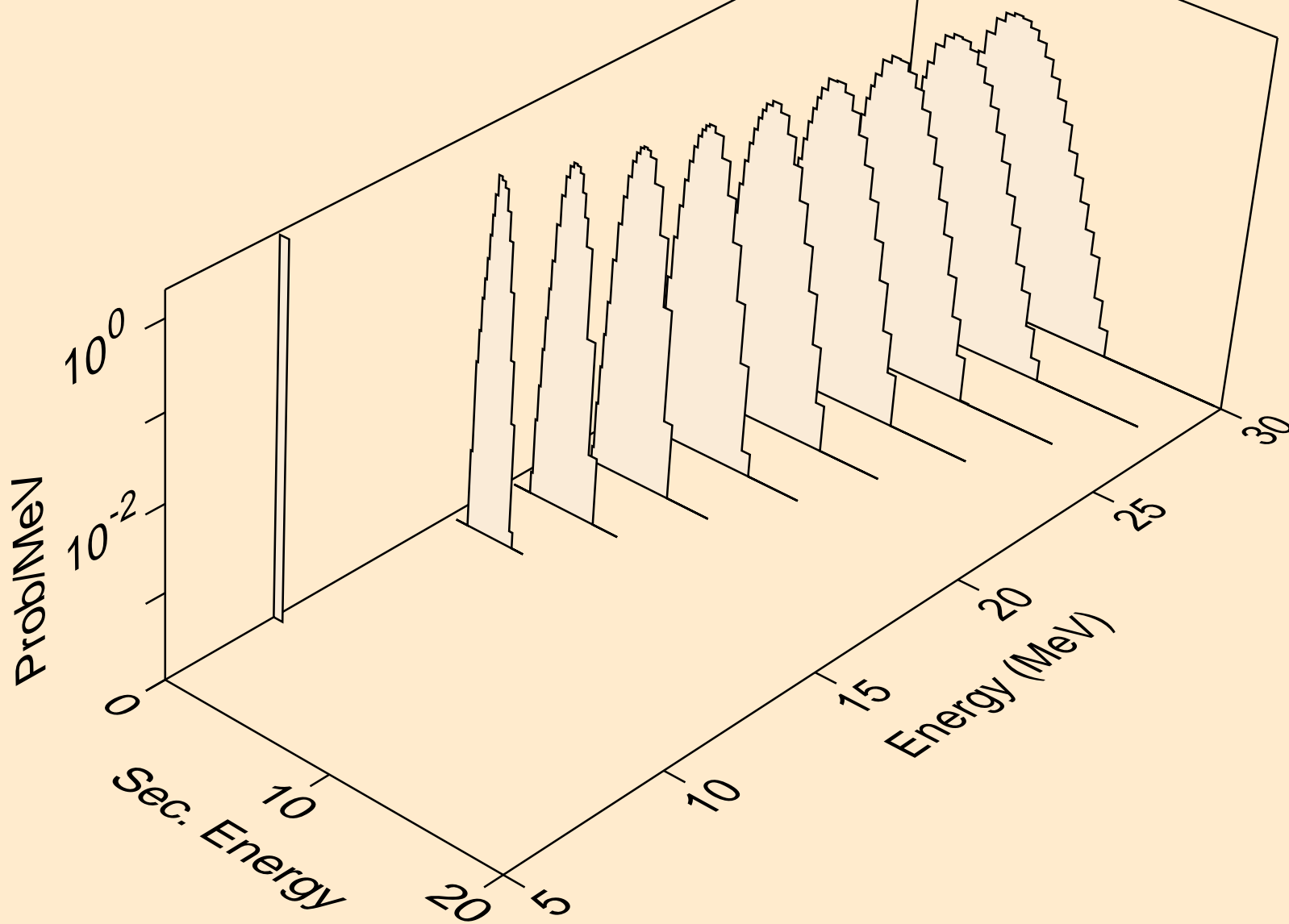
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protons from (n,2p)



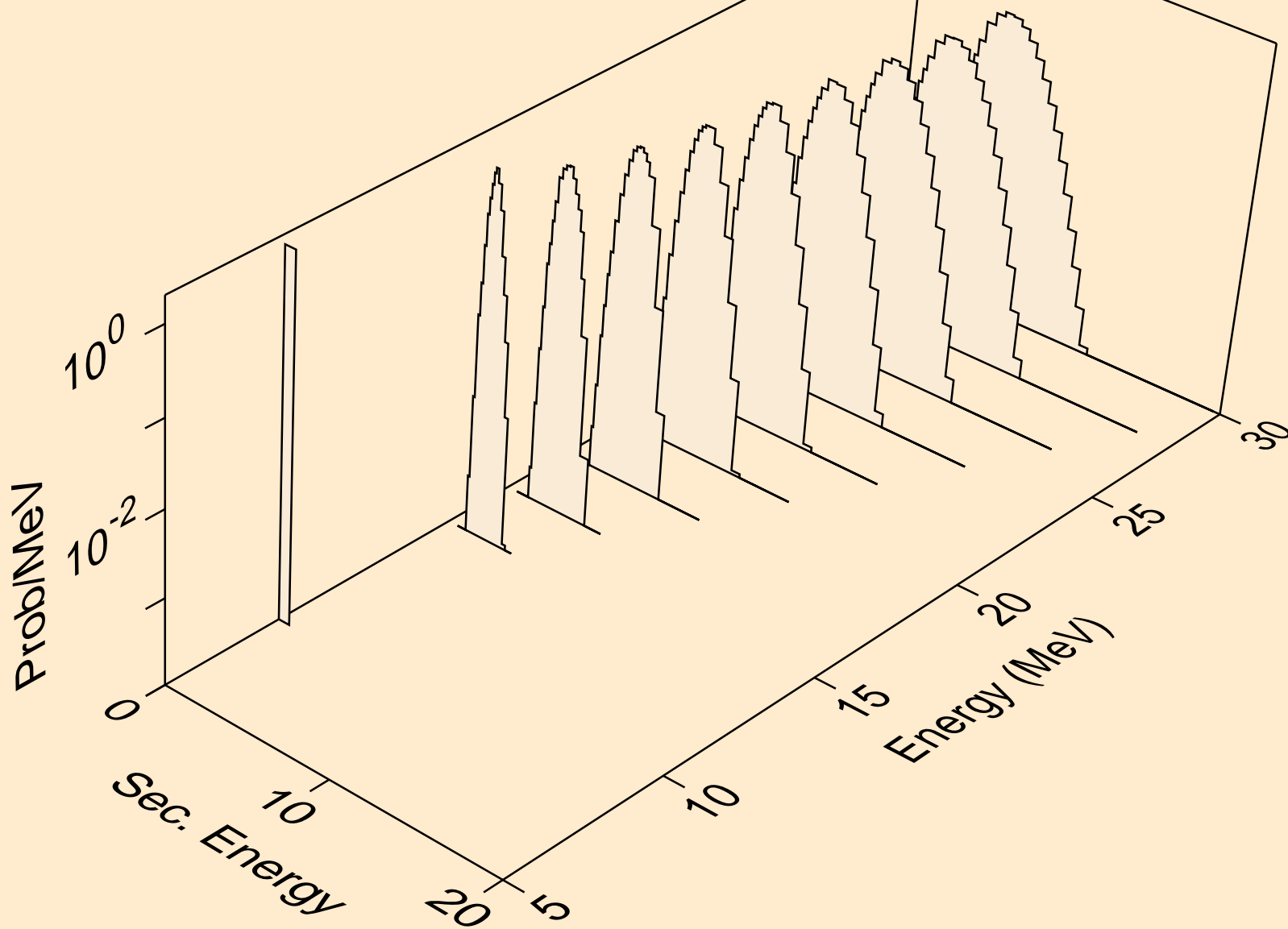
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protons from (n,p)



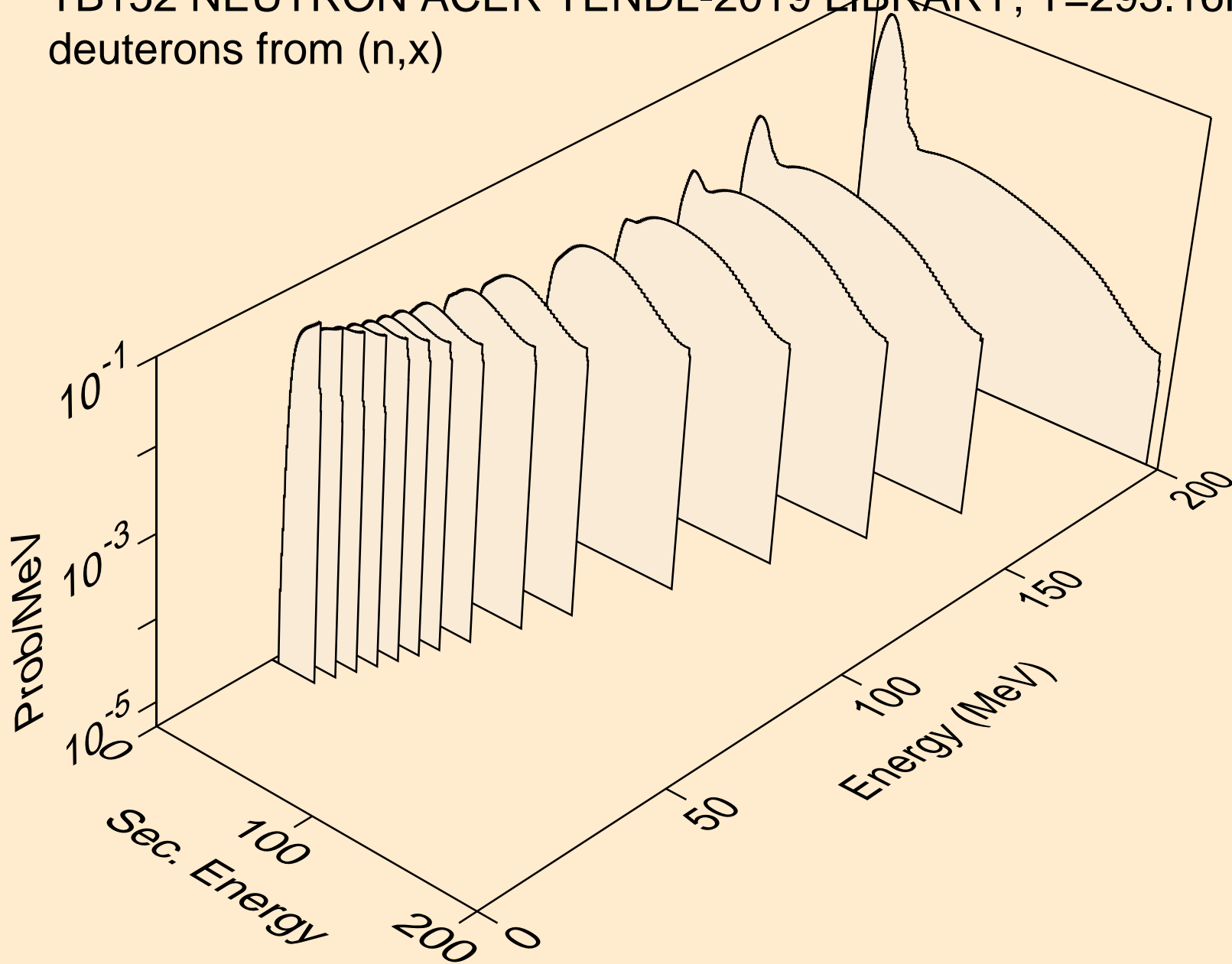
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protons from (n,pd)



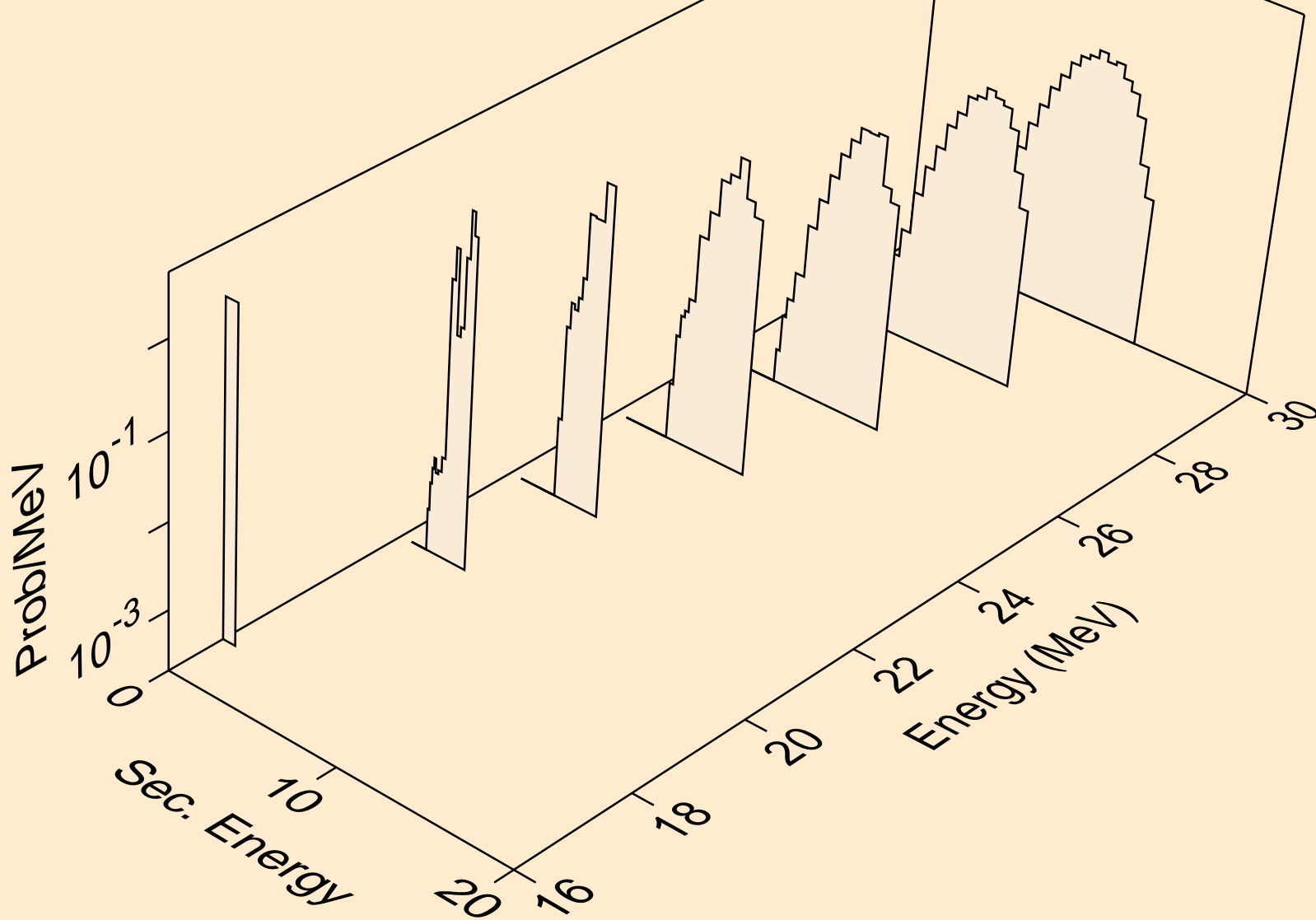
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protons from (n,pt)



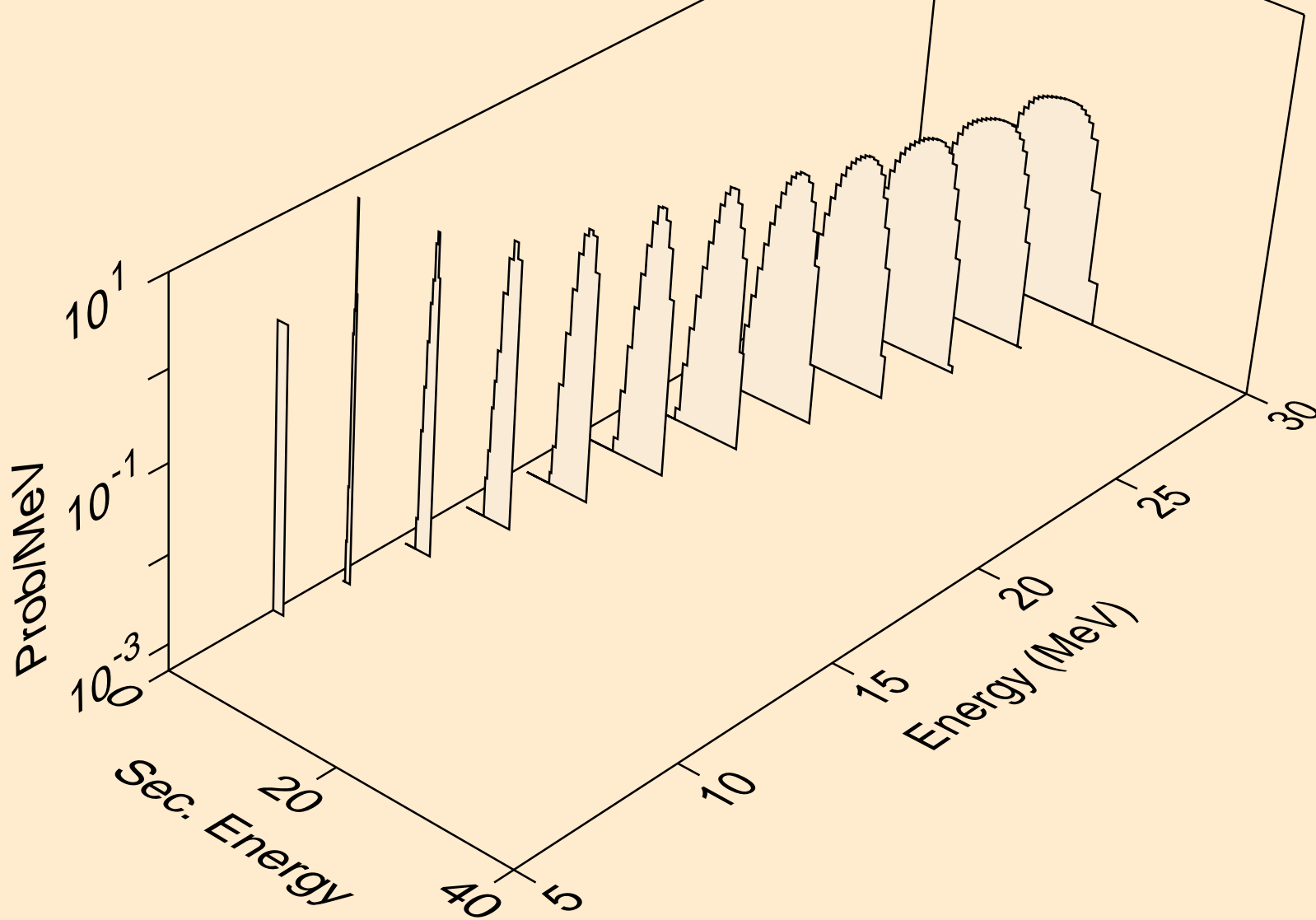
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deuterons from (n,x)



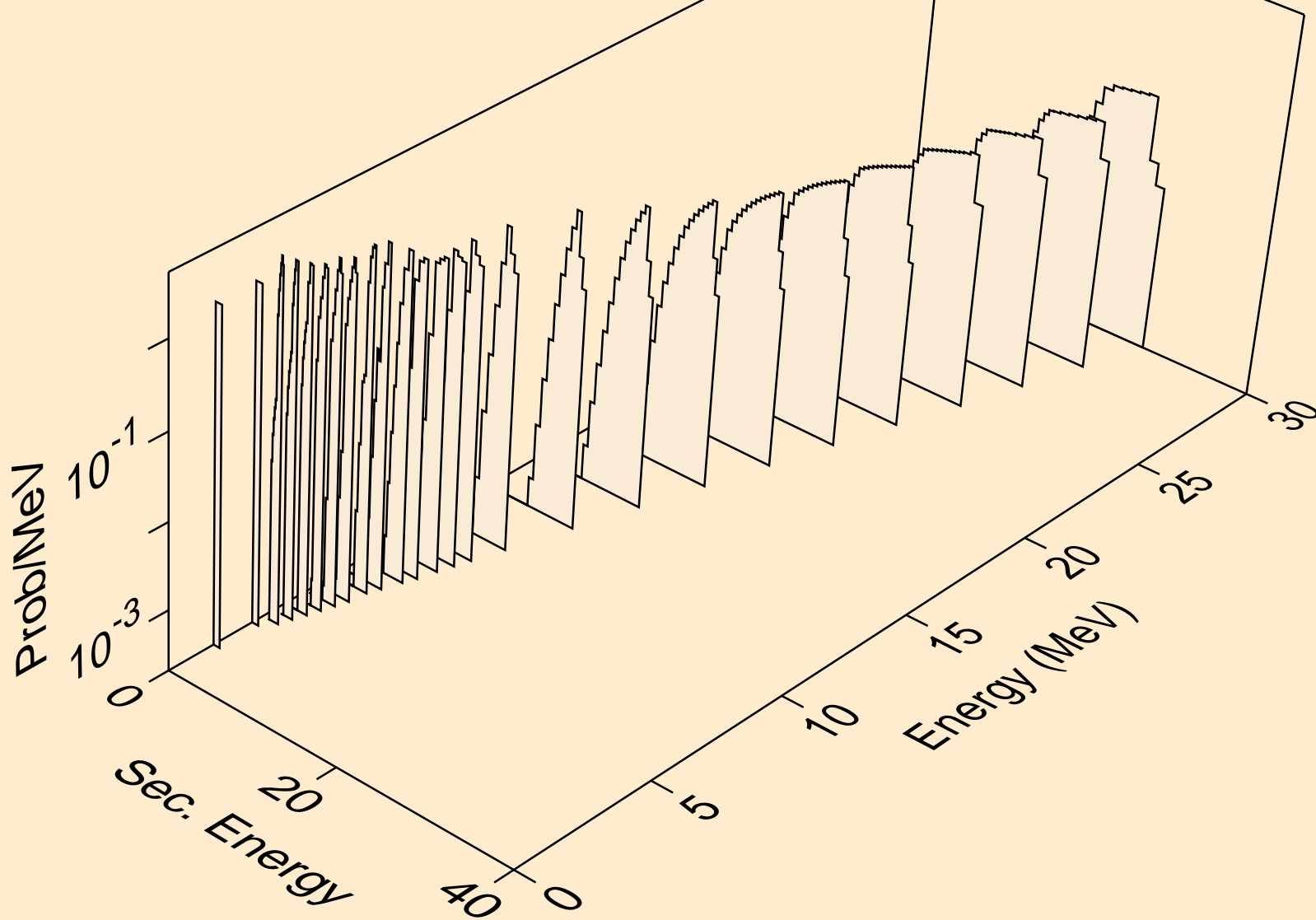
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deuterons from (n,2nd)



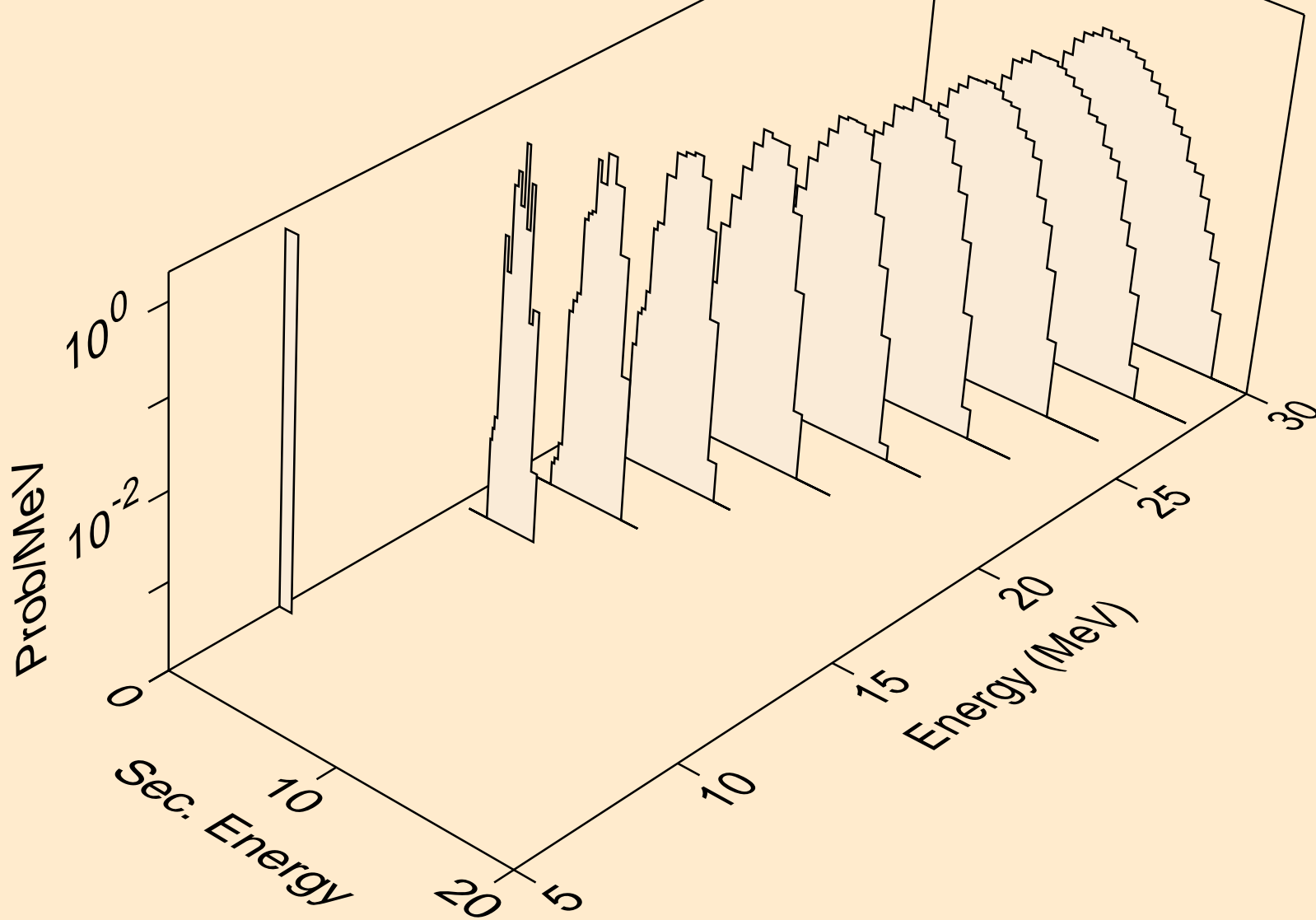
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



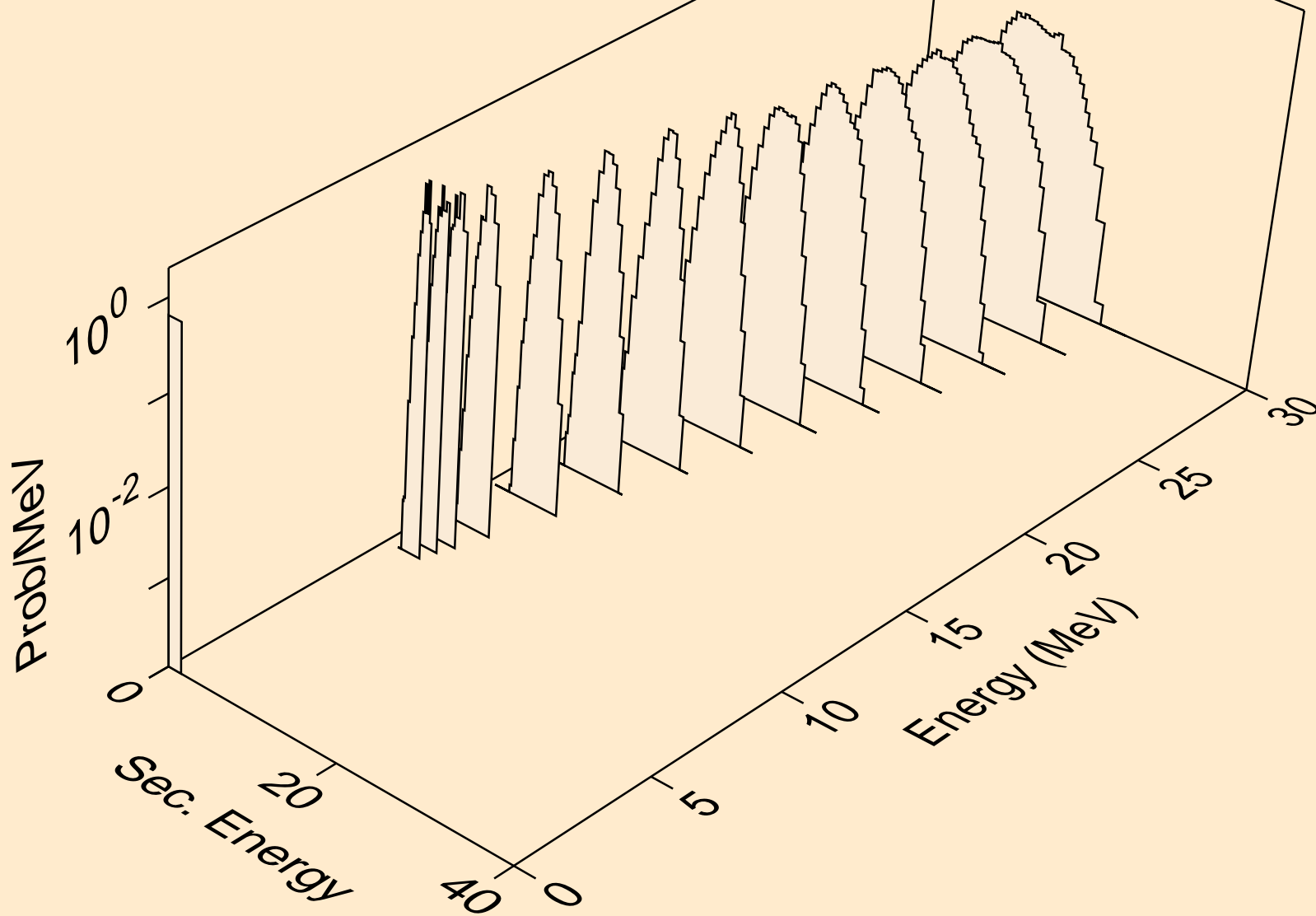
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



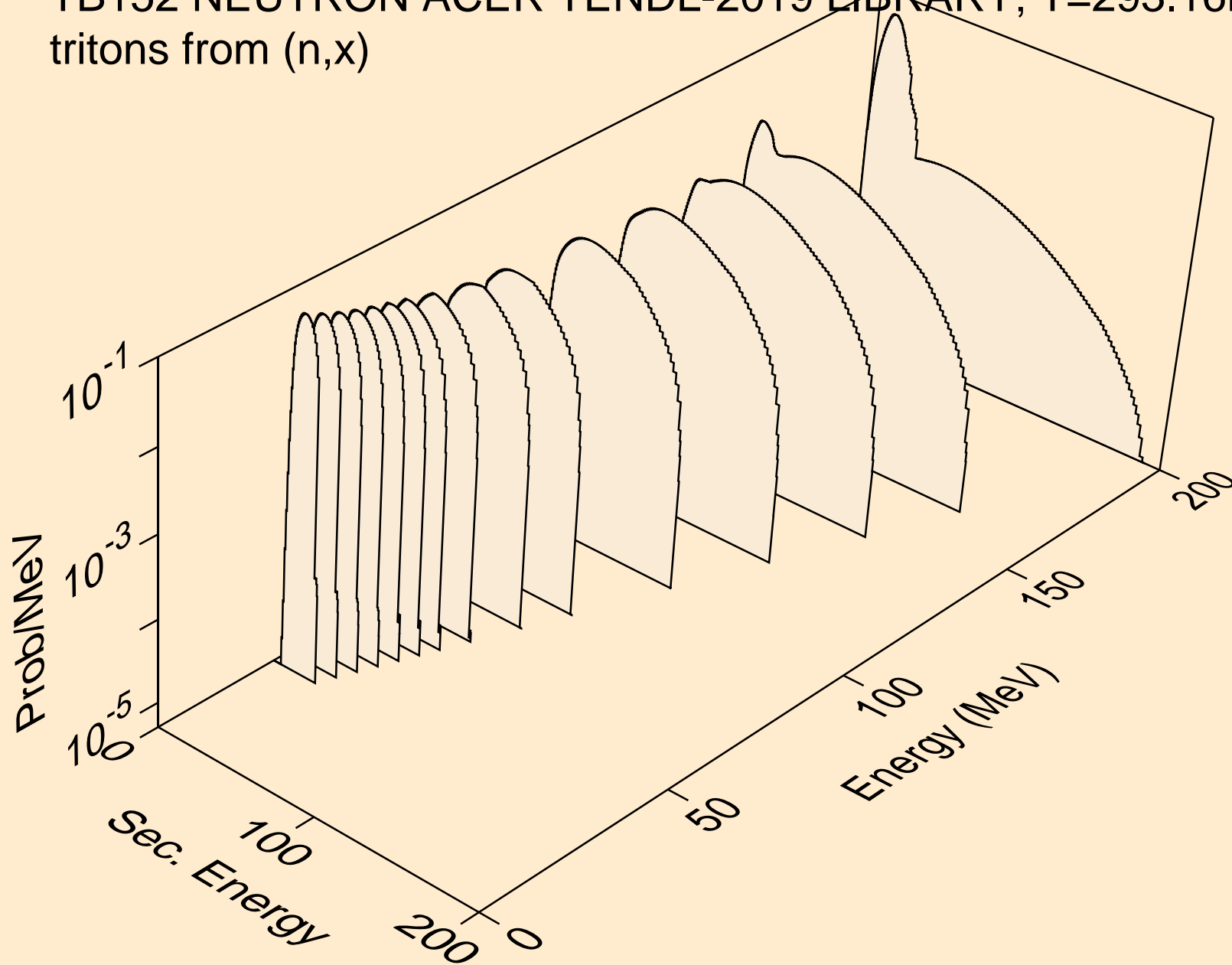
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deuterons from (n,pd)



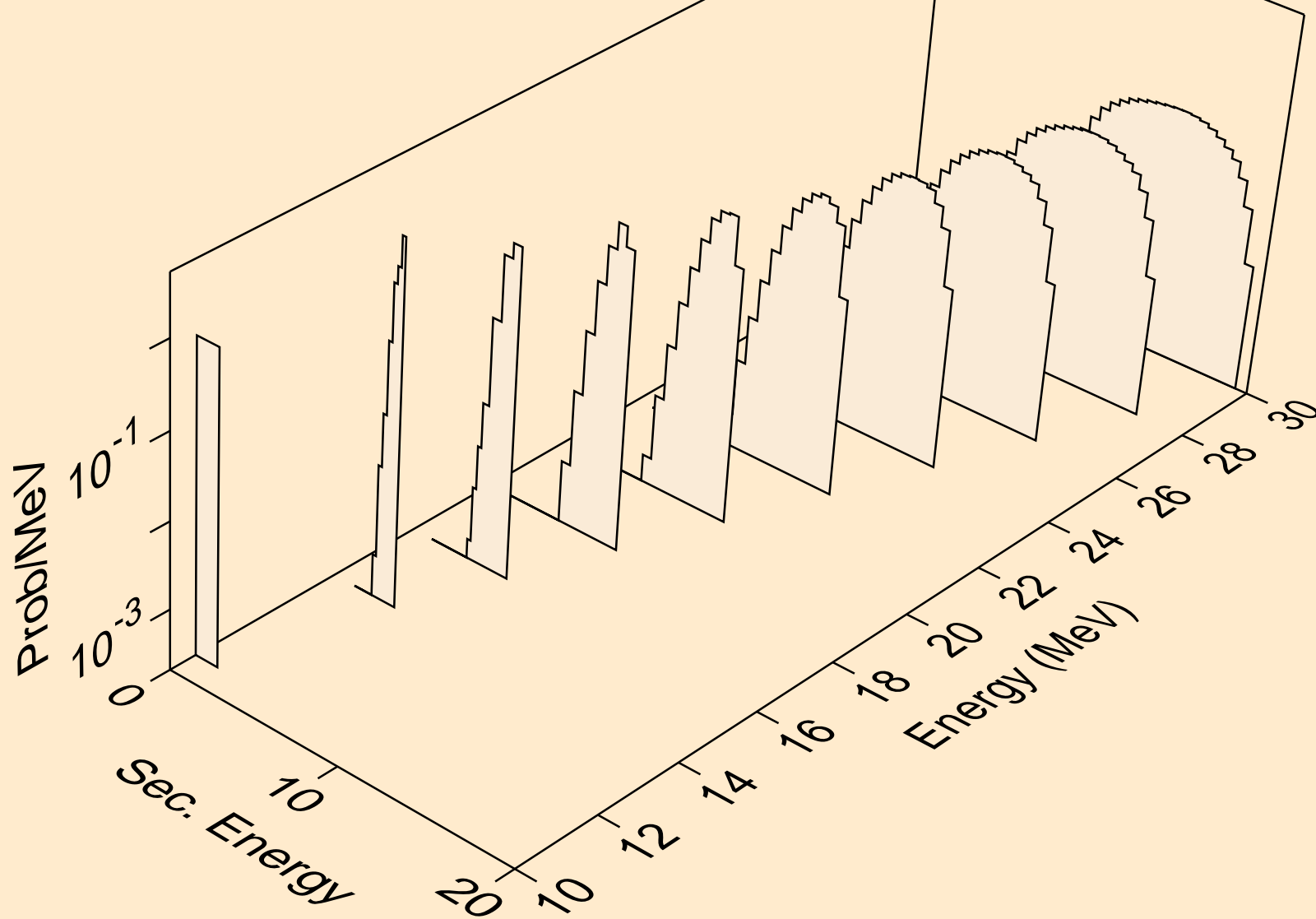
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deuterons from (n,da)



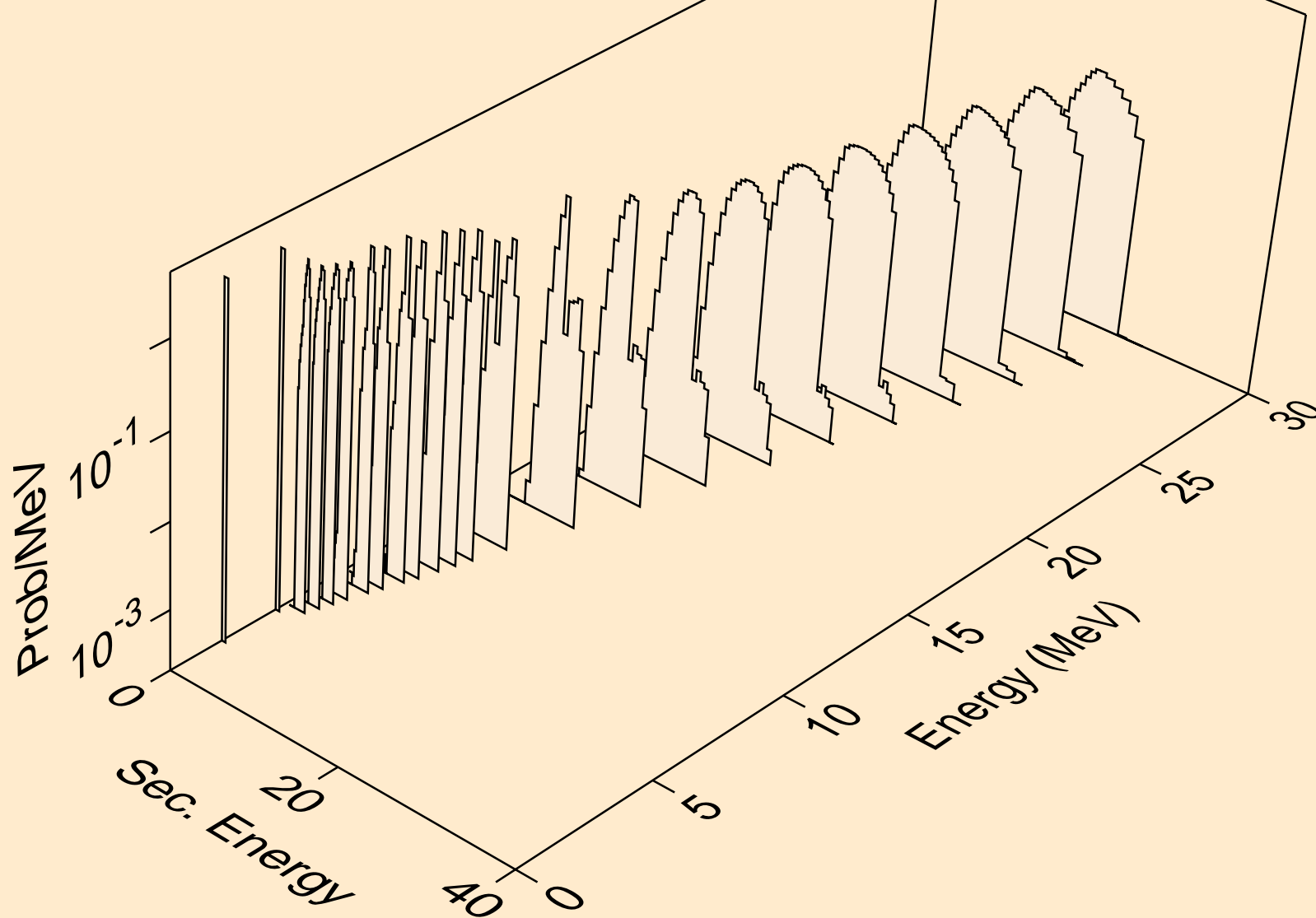
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



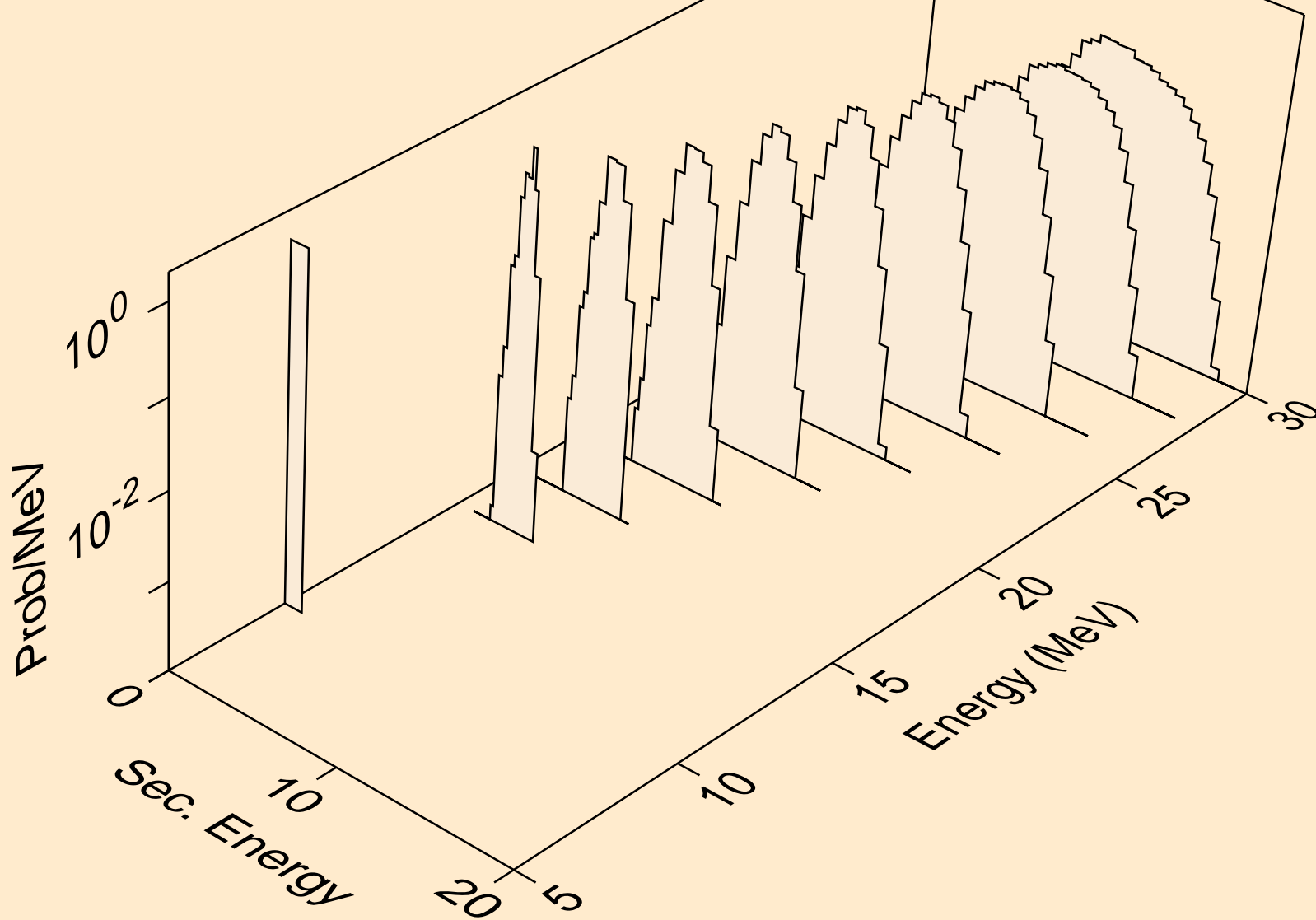
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



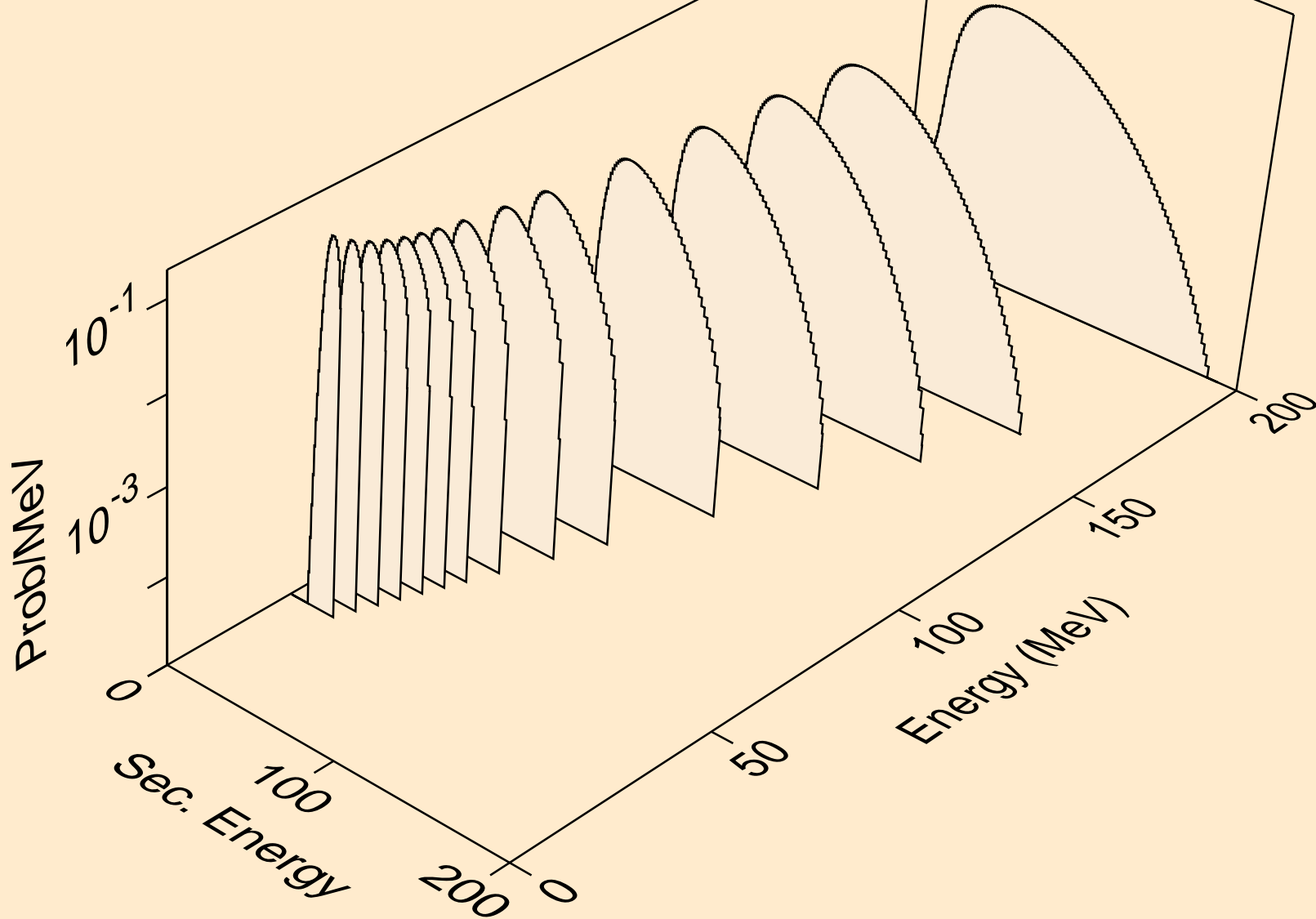
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tritons from (n,t)



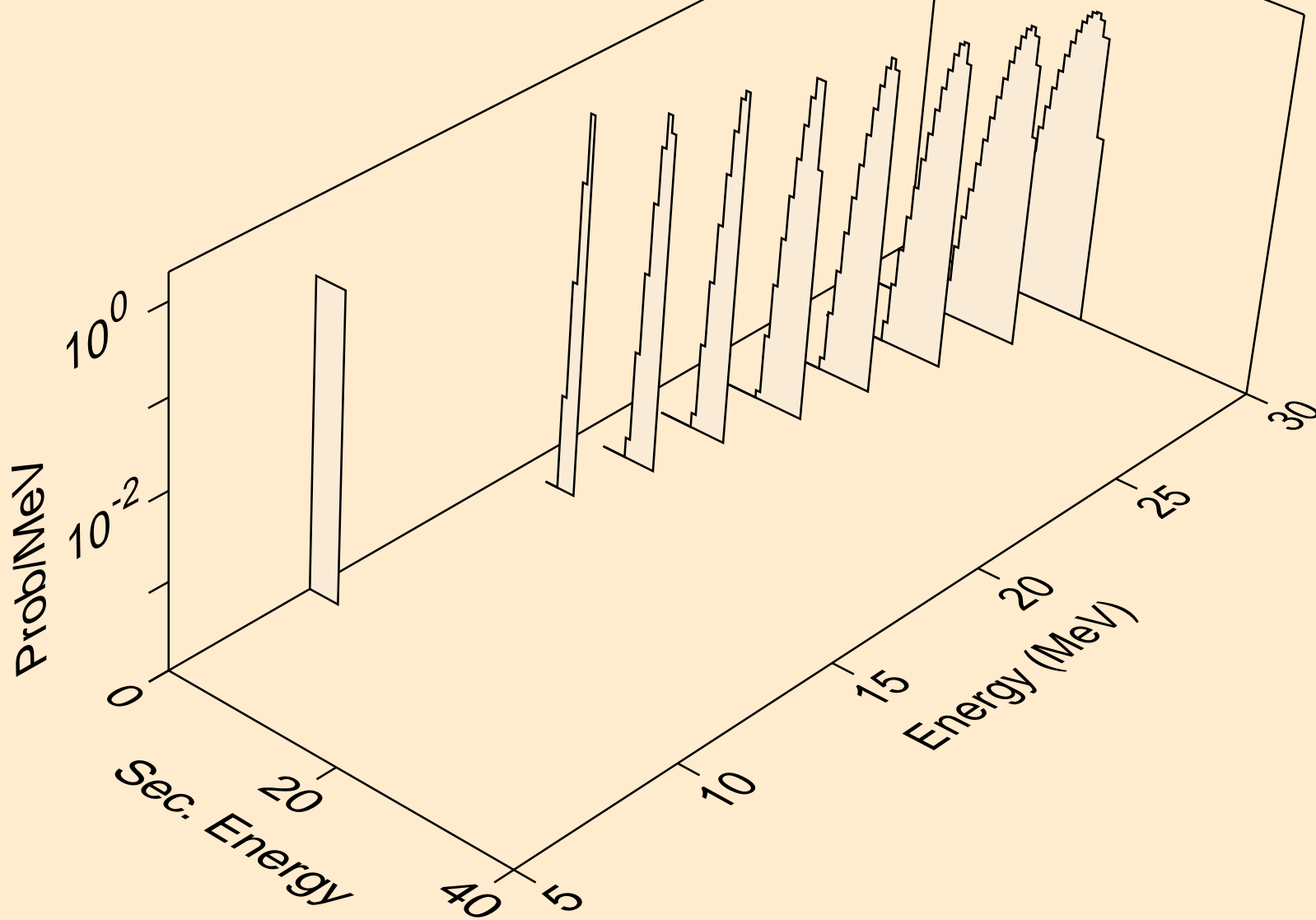
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tritons from (n,pt)



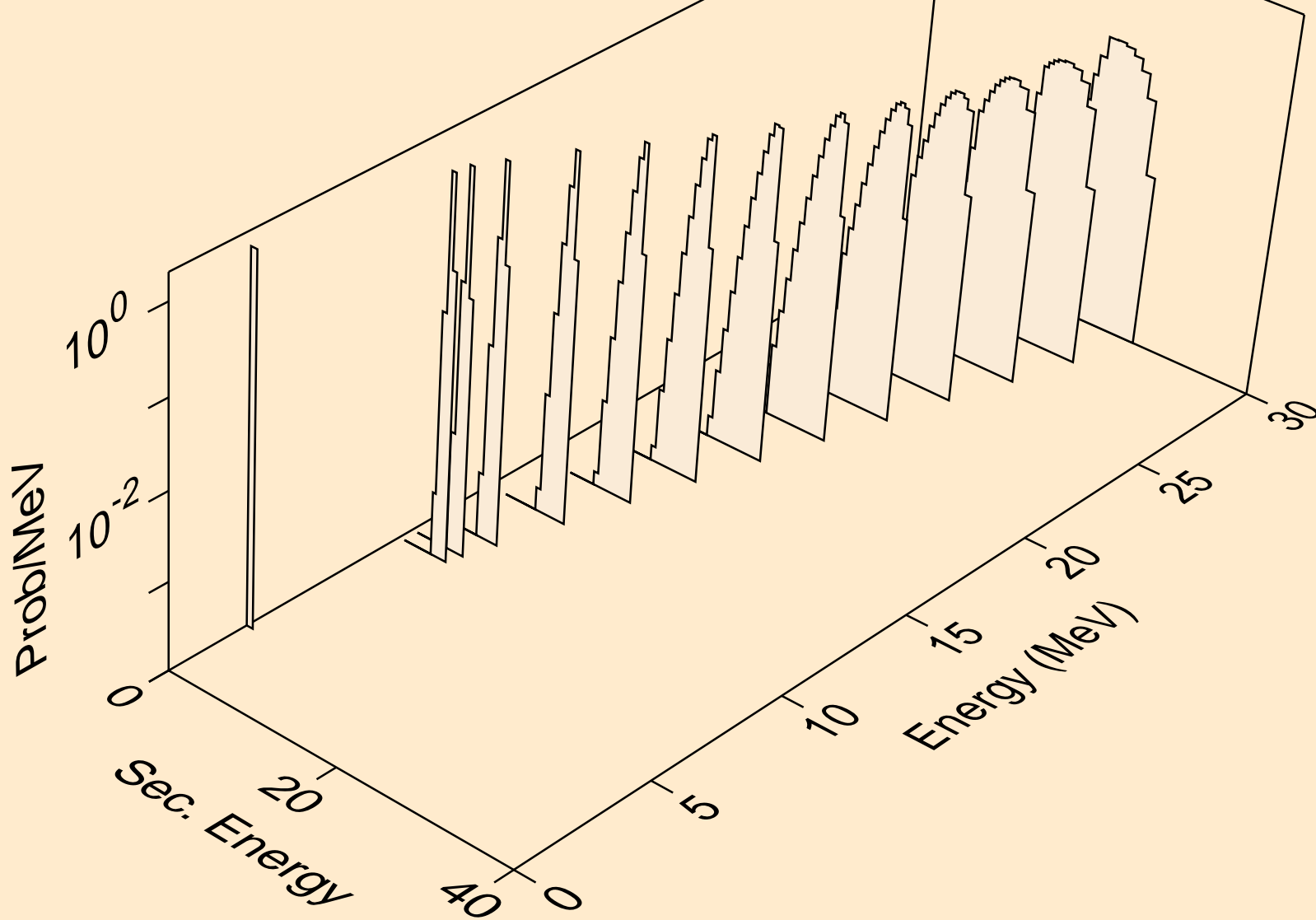
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he3s from (n,x)



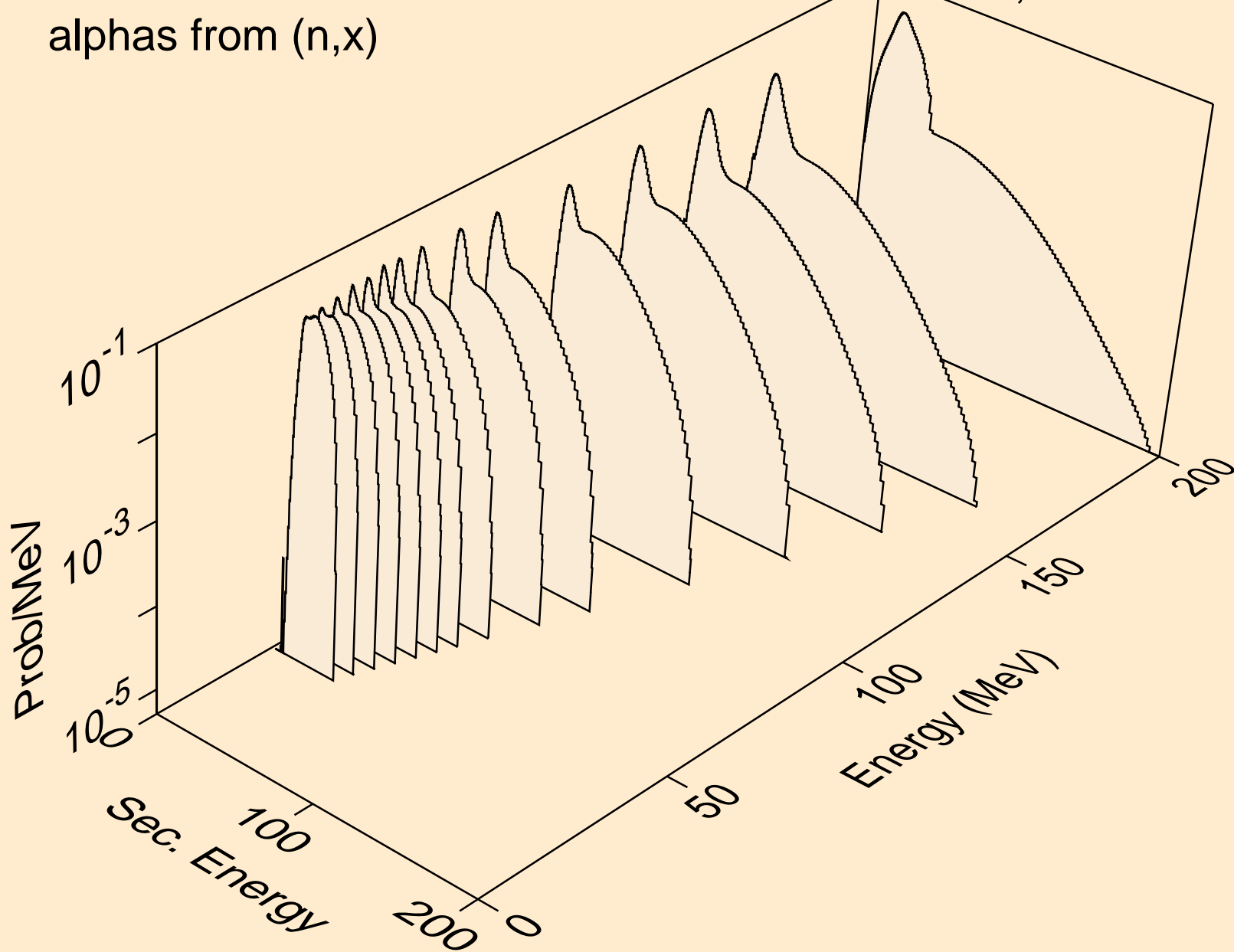
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he3s from (n,n*)he3



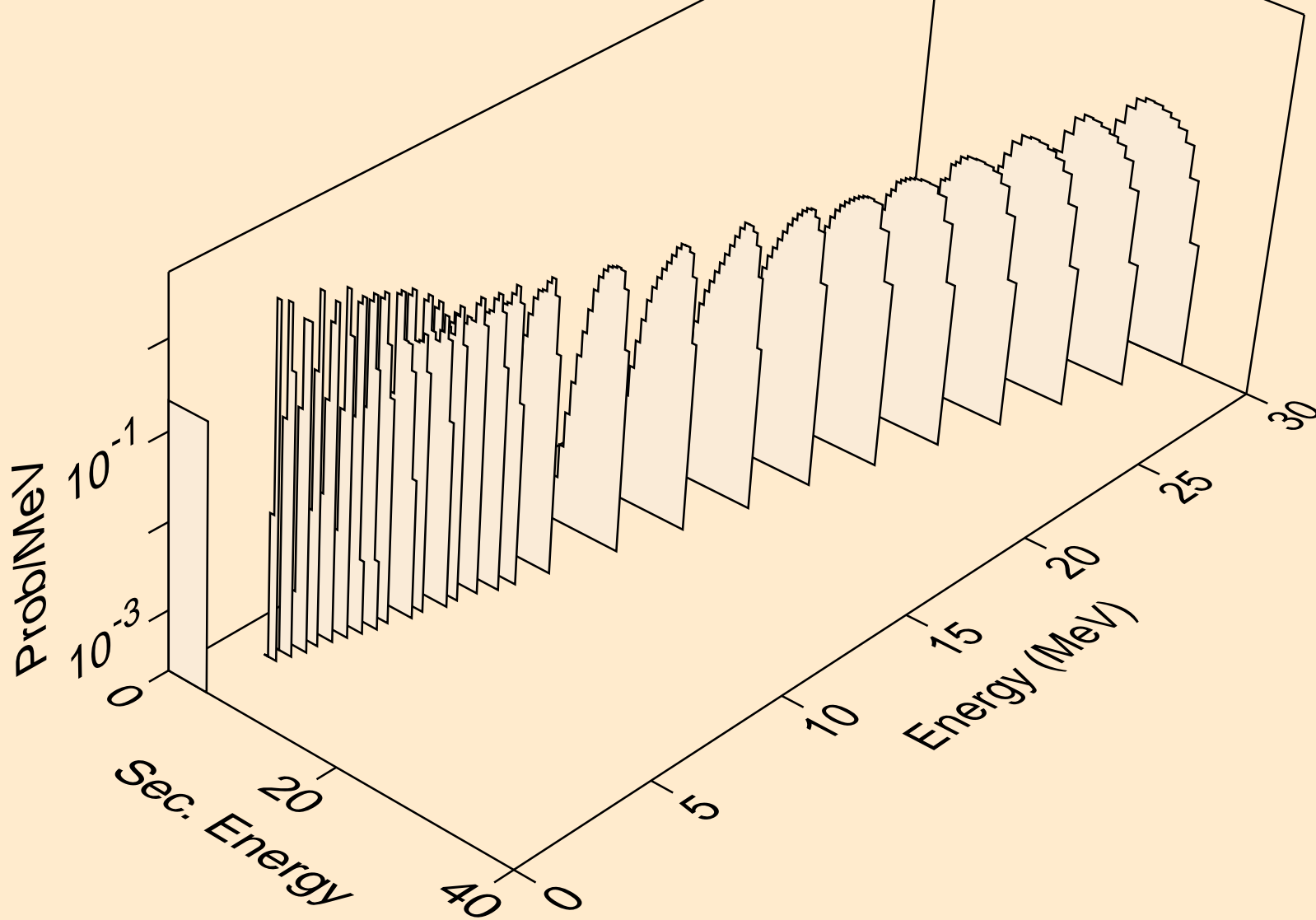
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he3s from (n,he3)



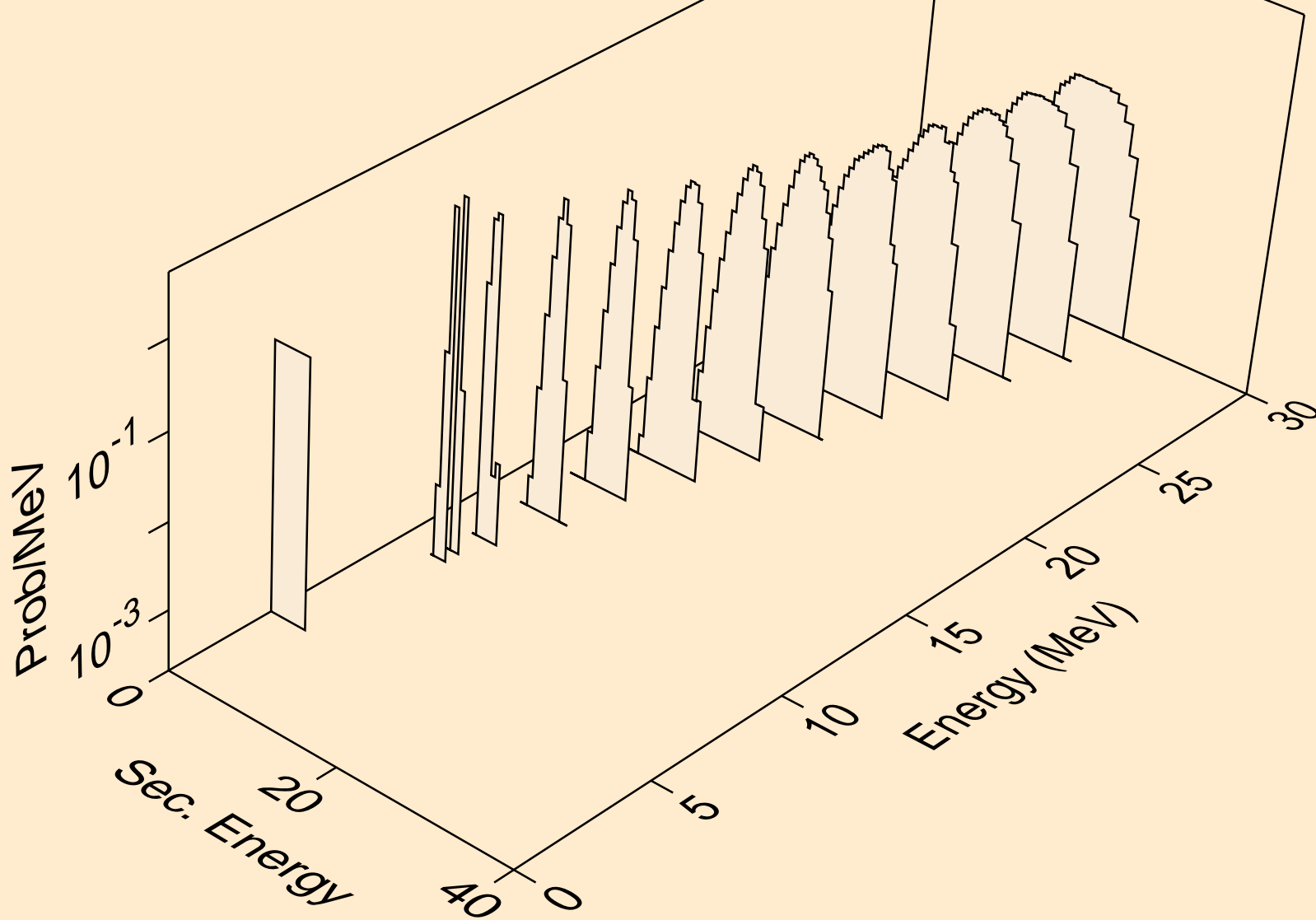
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



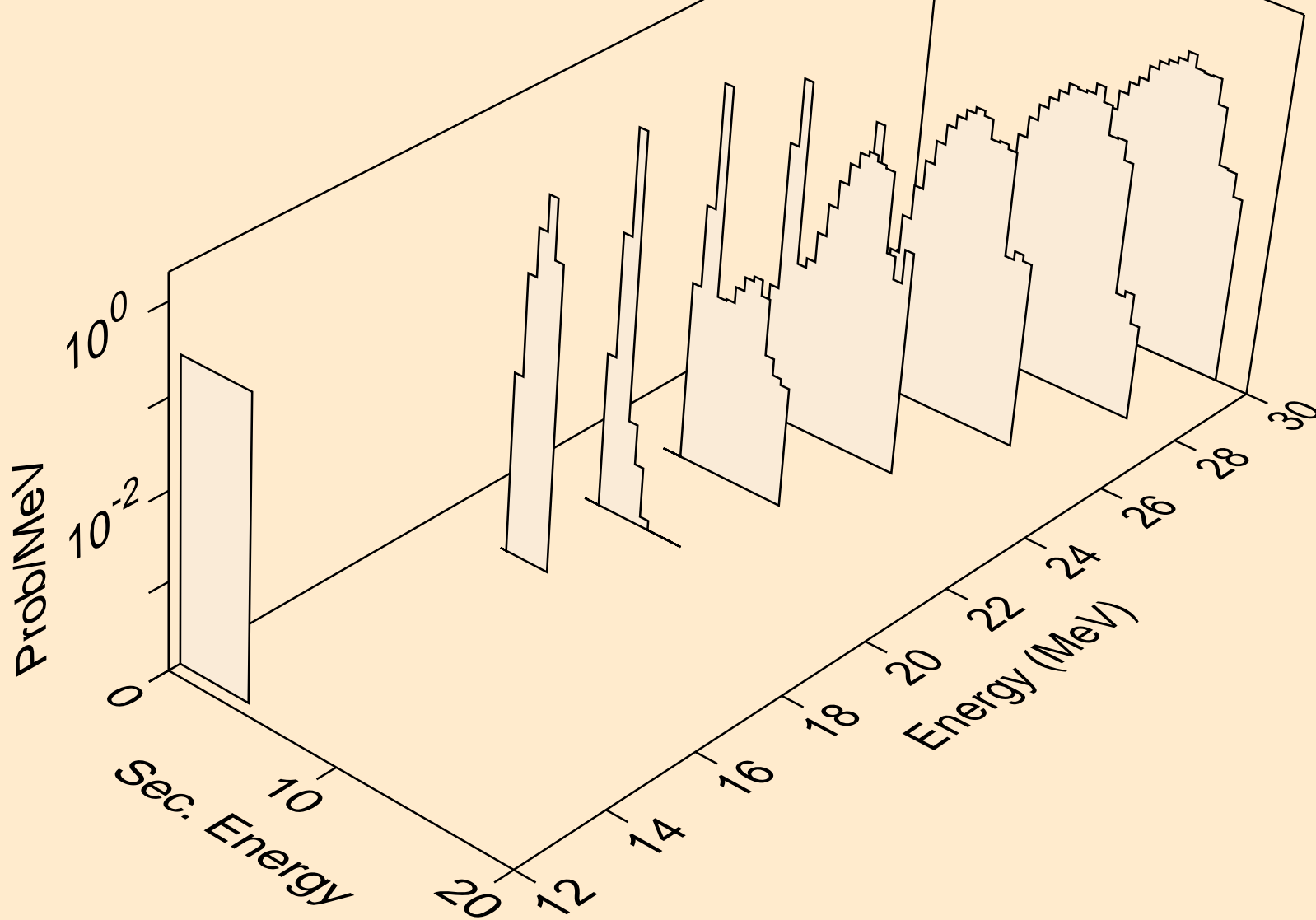
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



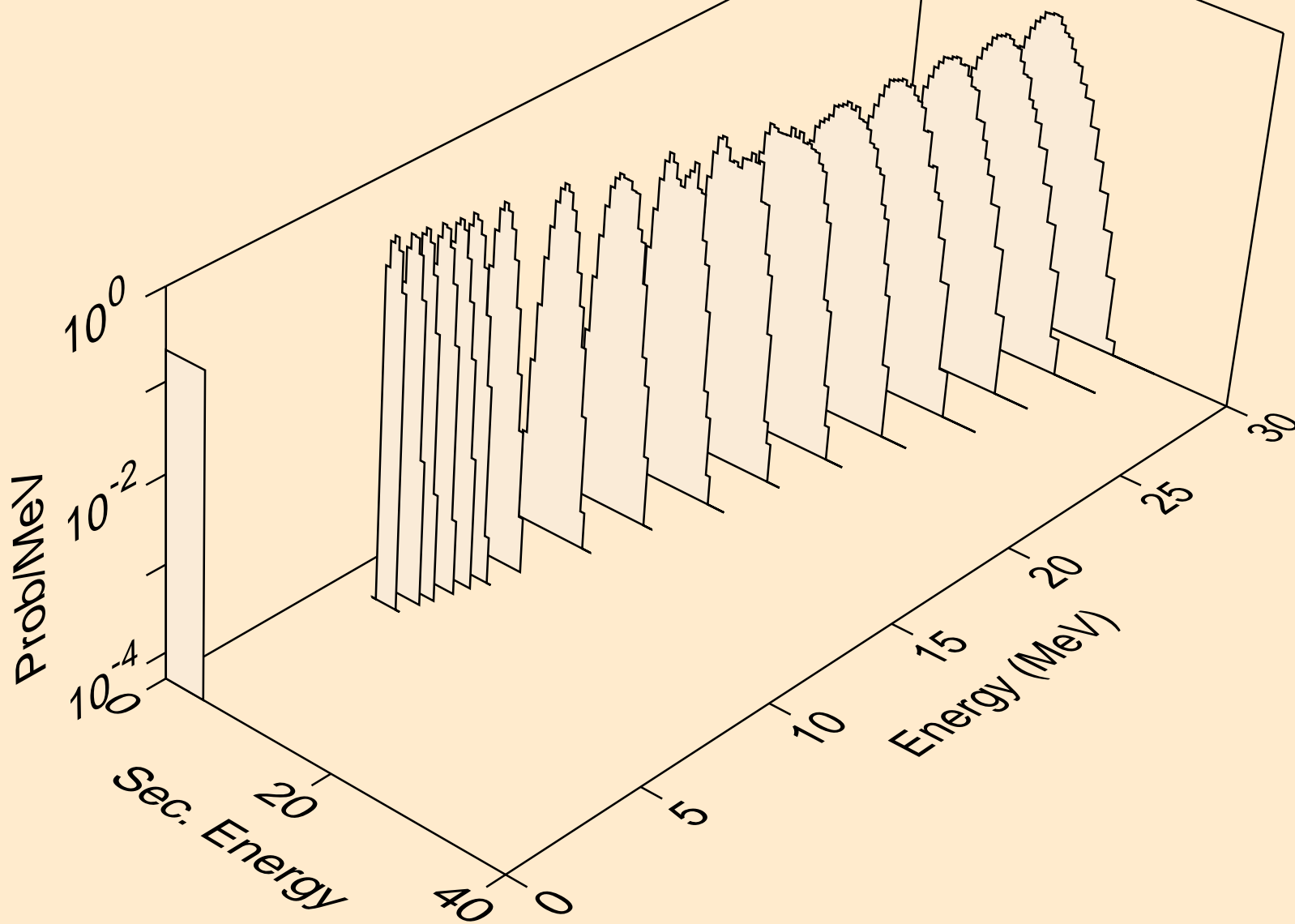
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



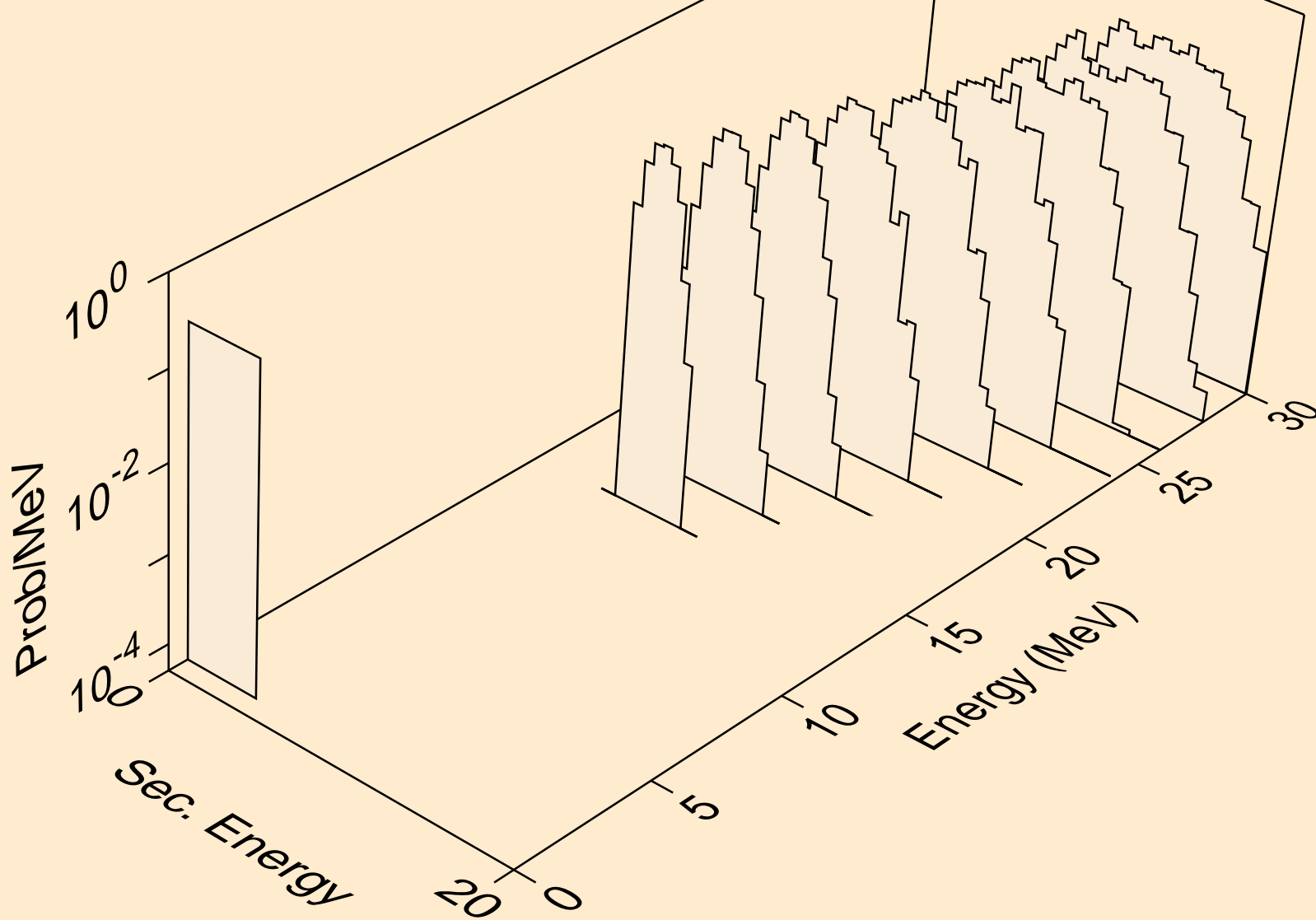
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



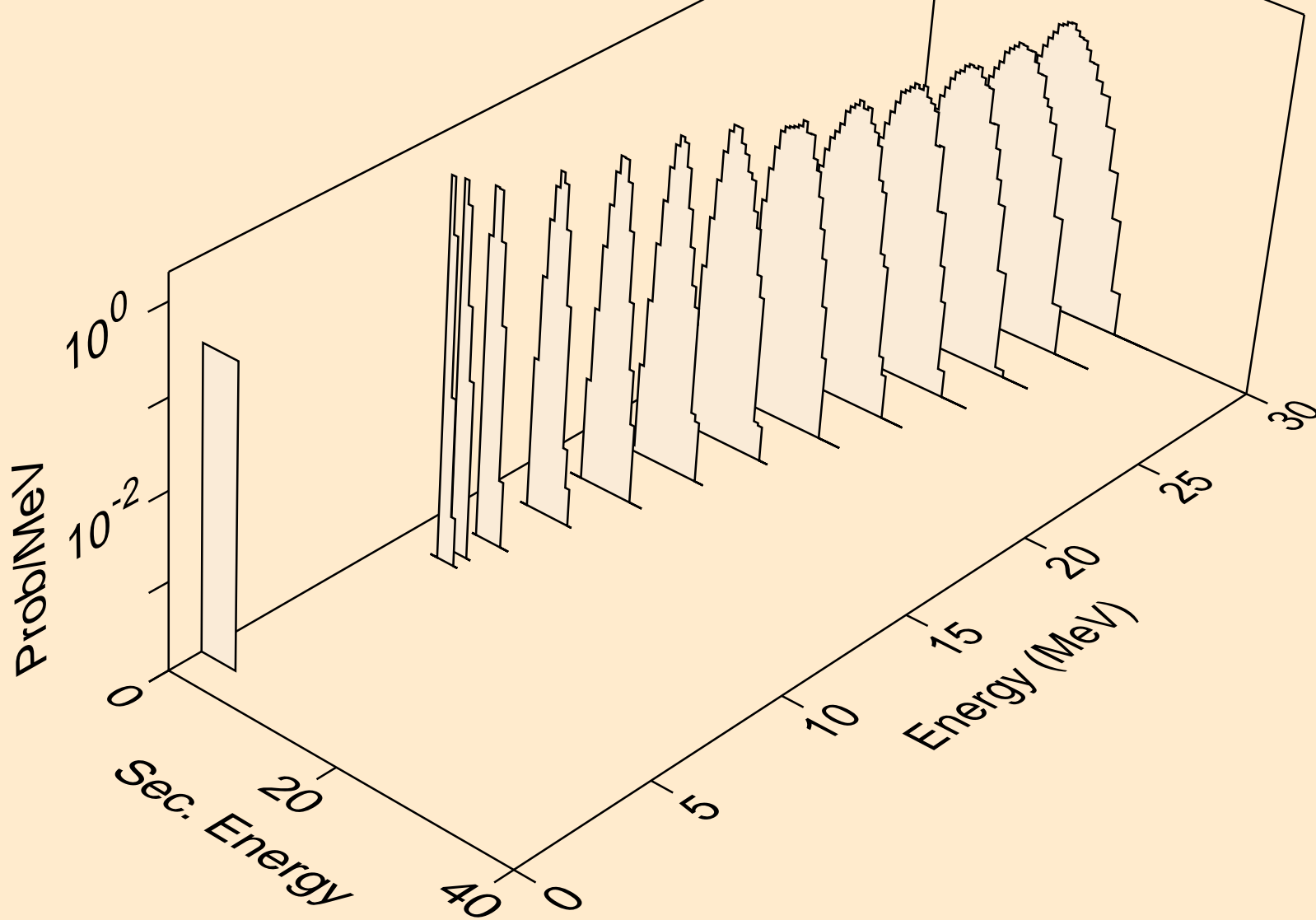
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alphas from (n,n*)2a



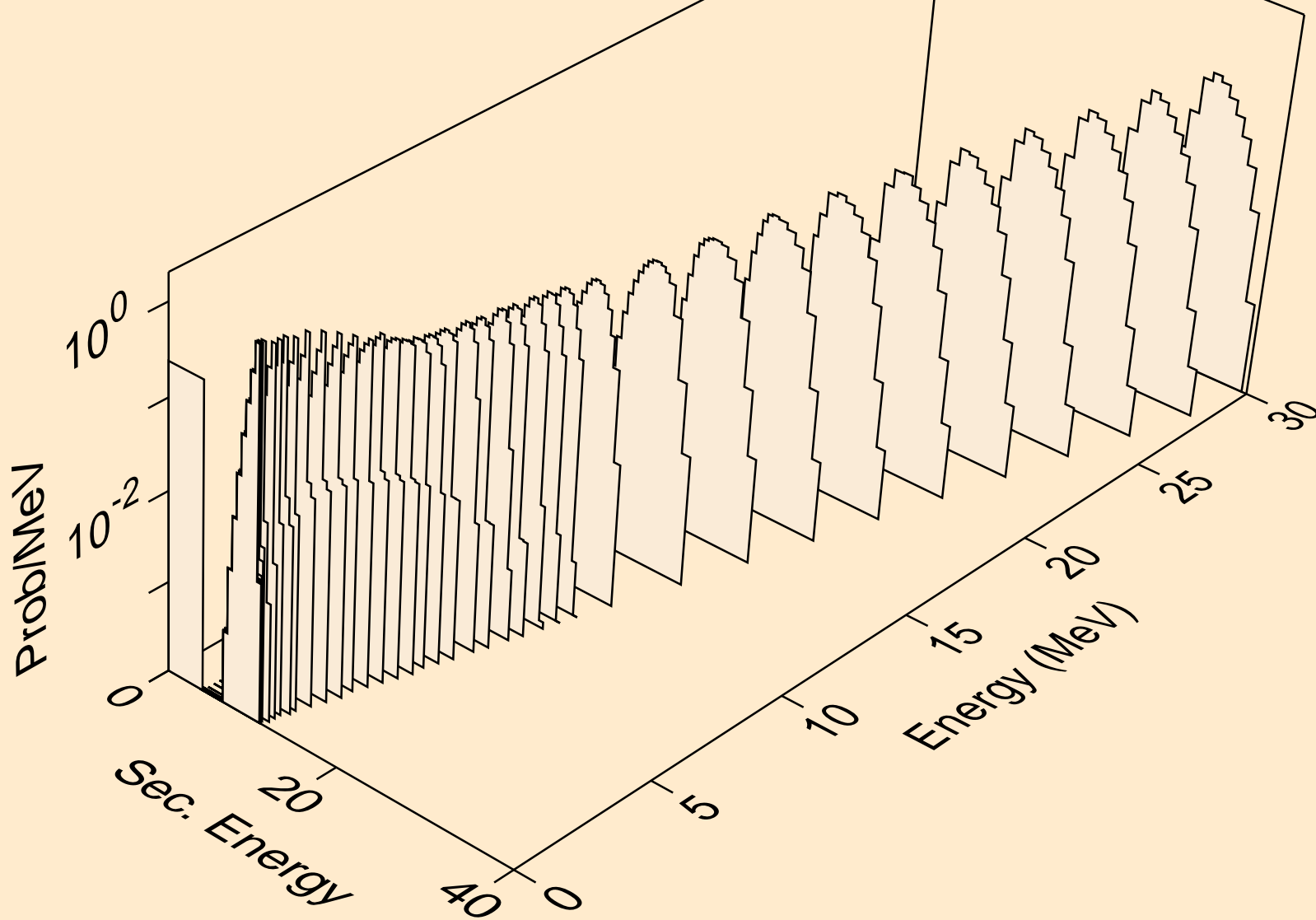
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alphas from (n,2n)2a



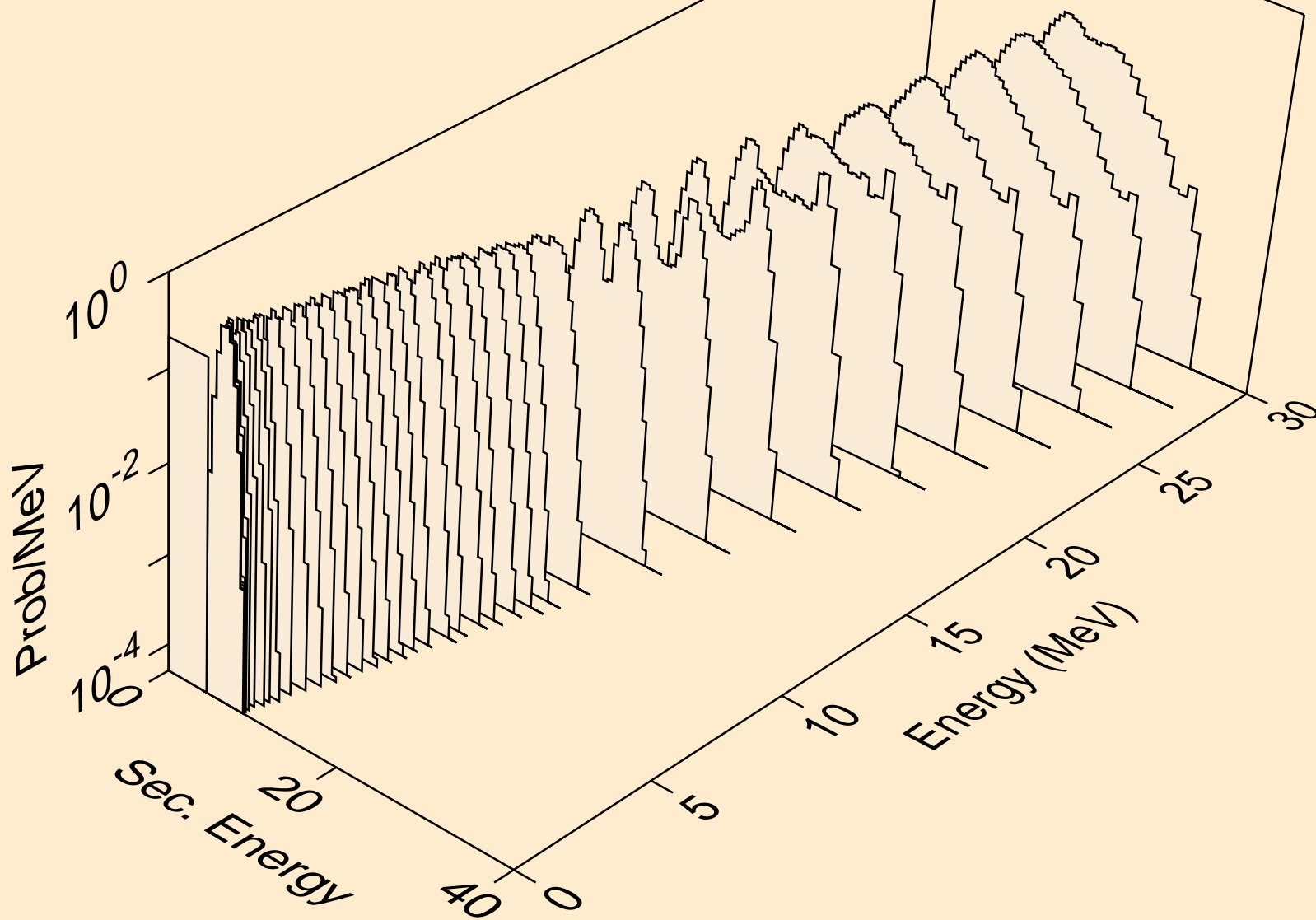
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alphas from (n,npa)



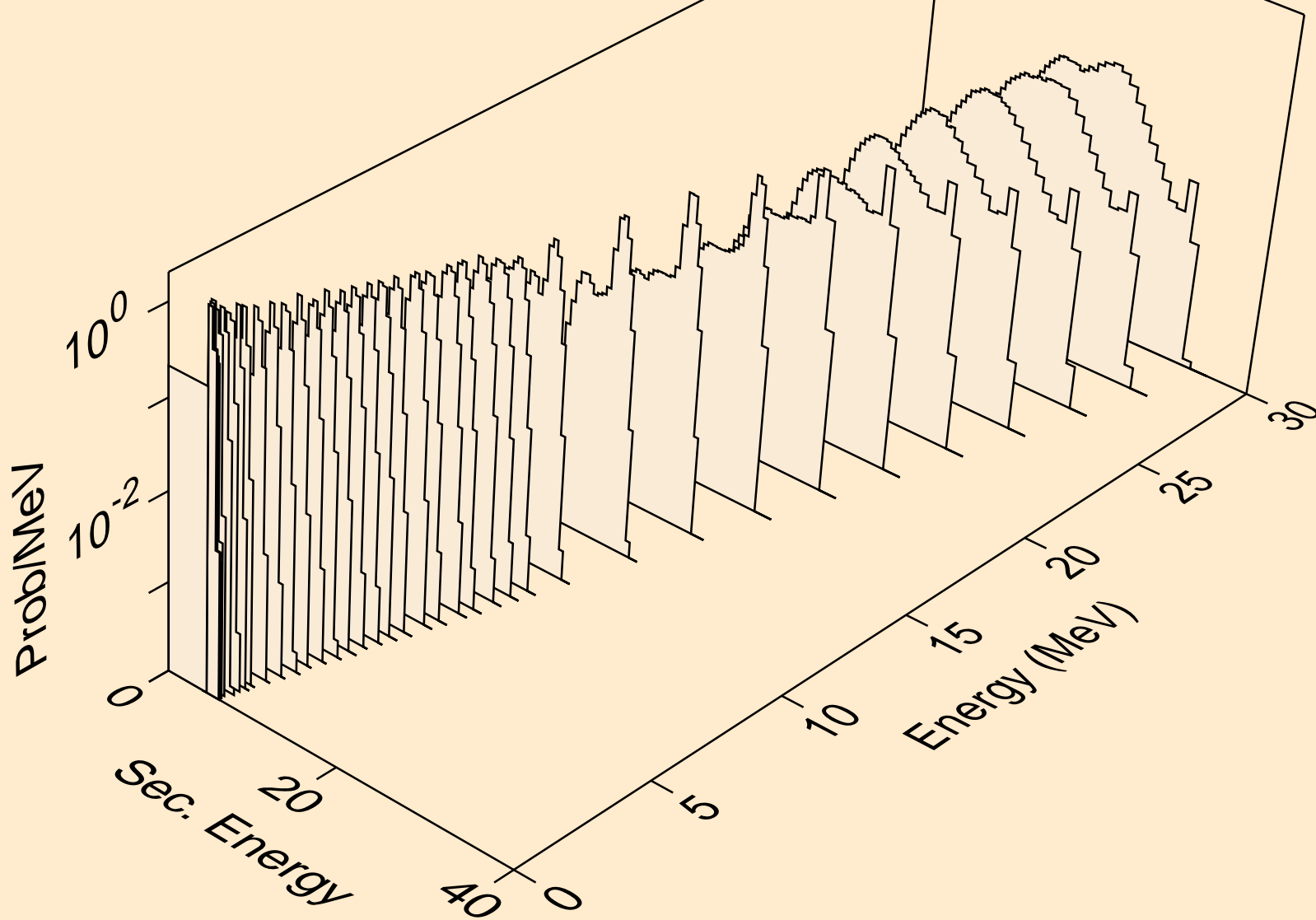
TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



TB152 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

