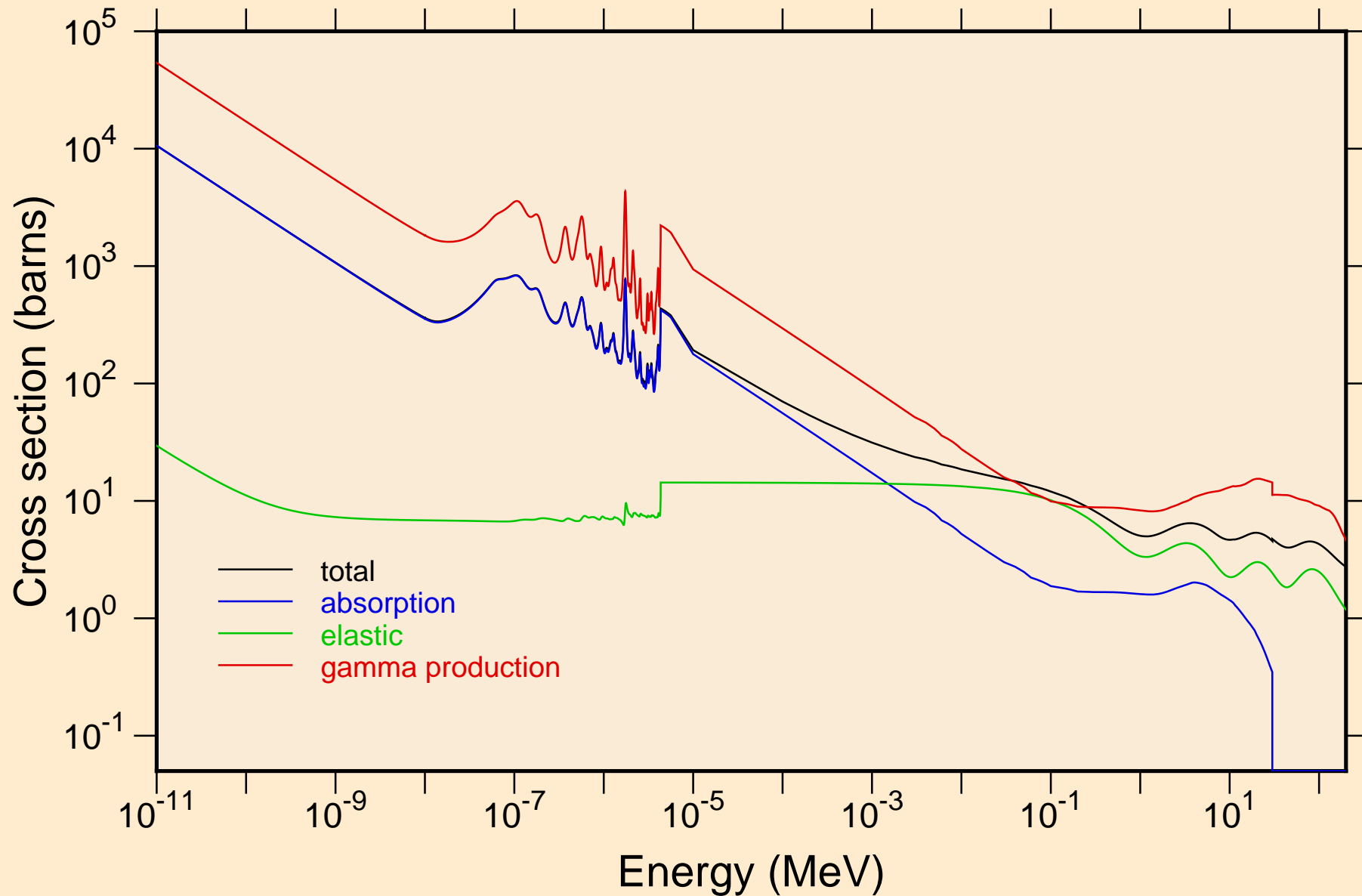
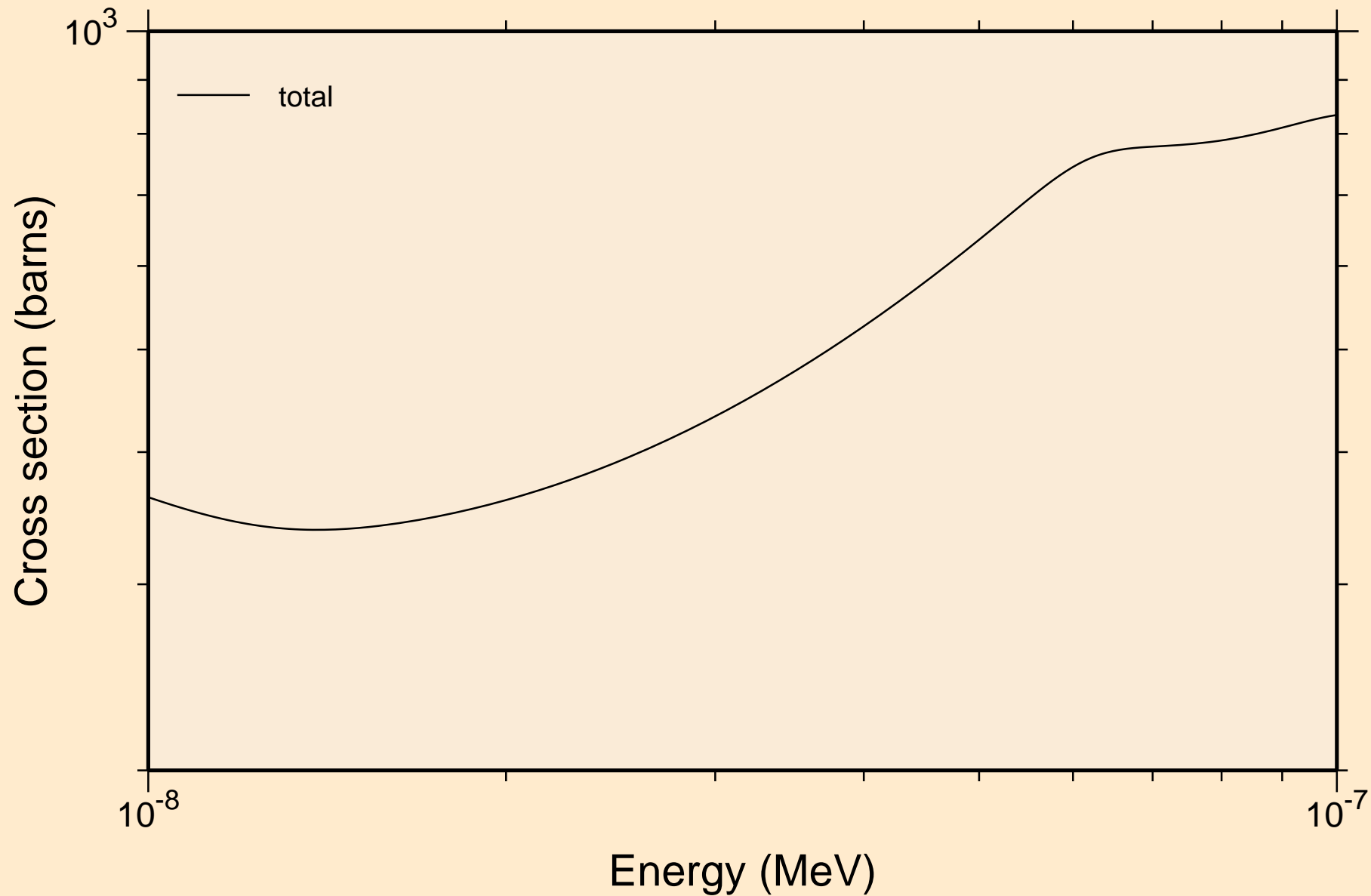


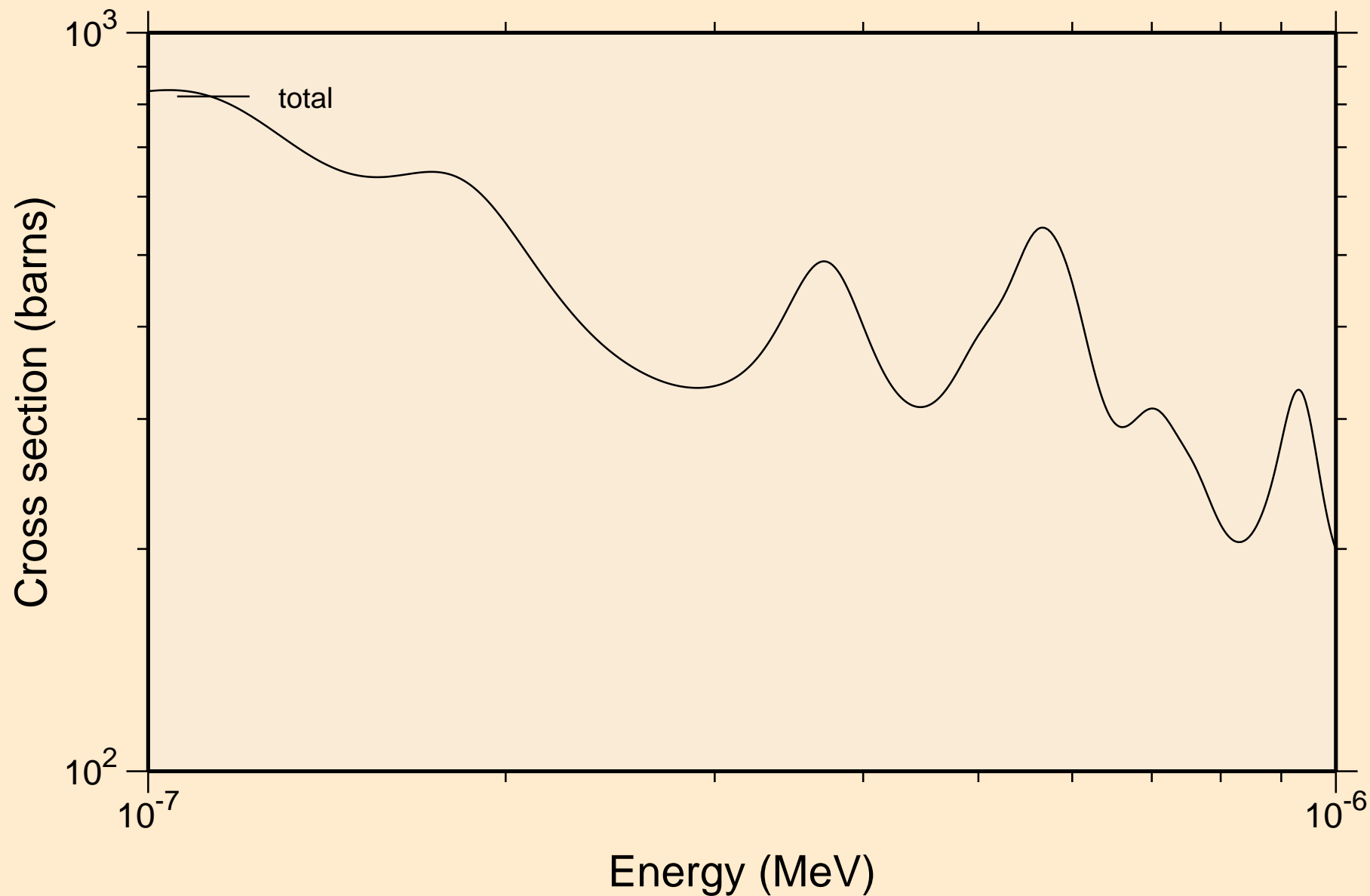
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



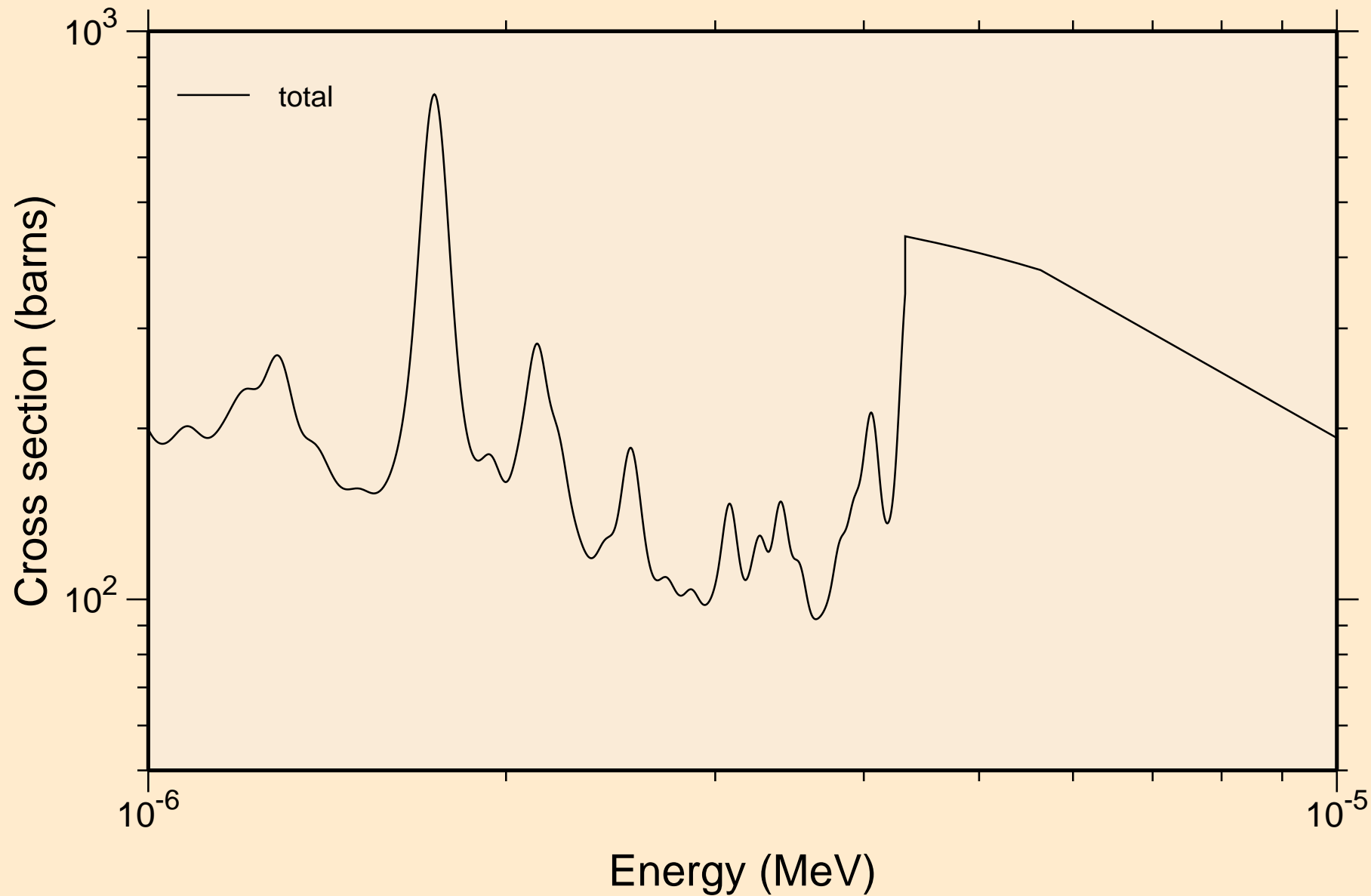
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



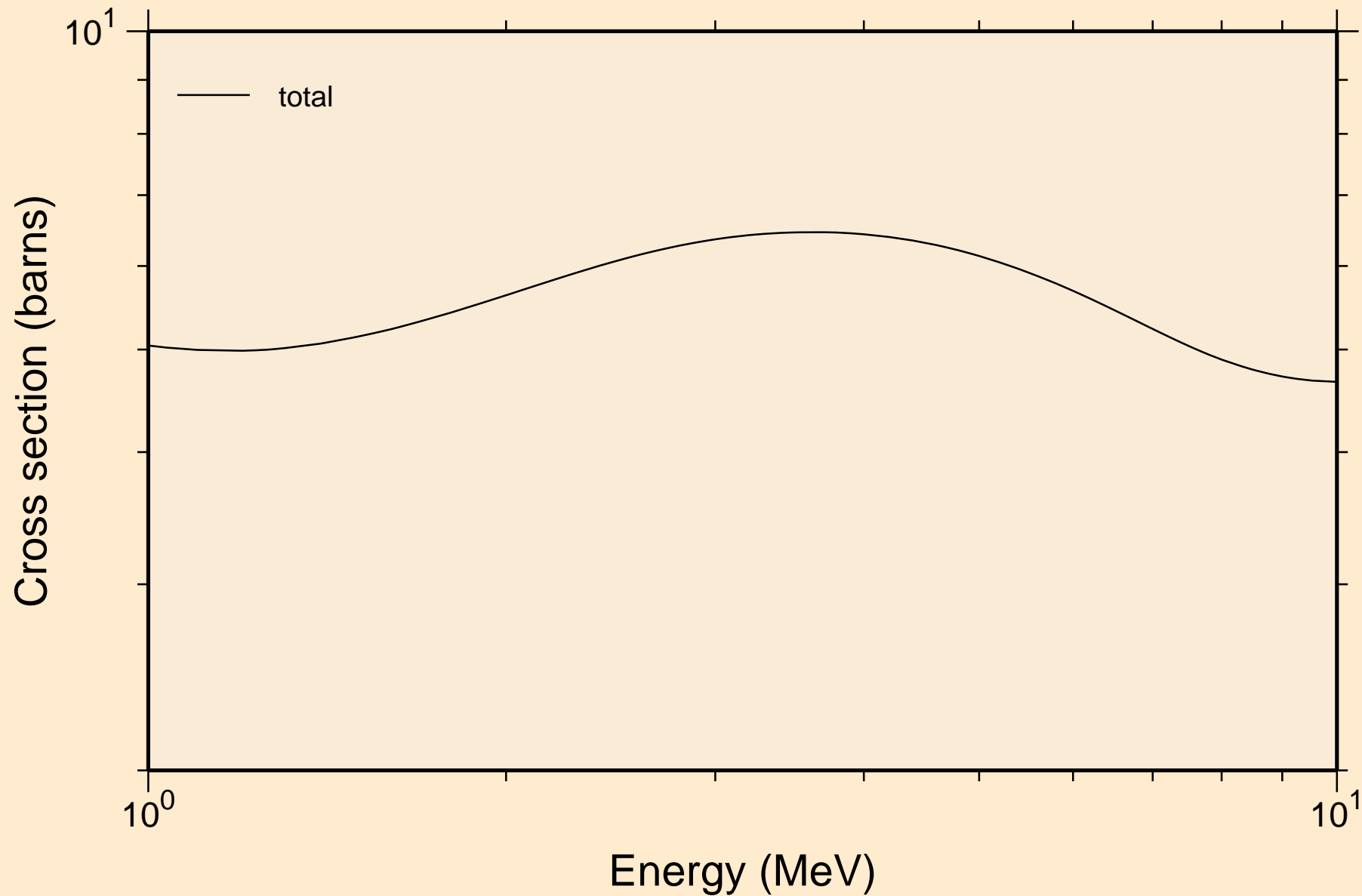
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resonance total cross section



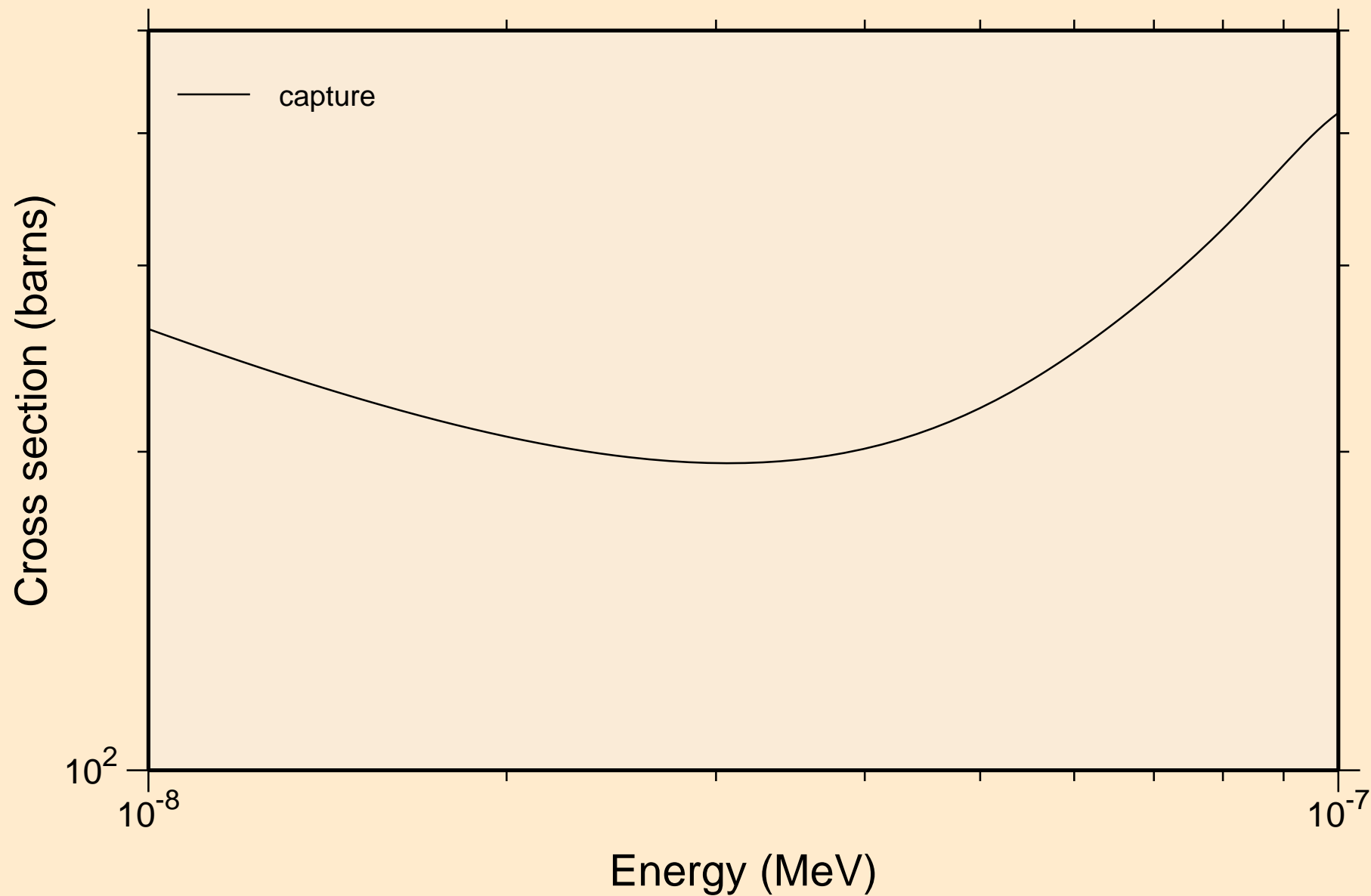
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resonance total cross section



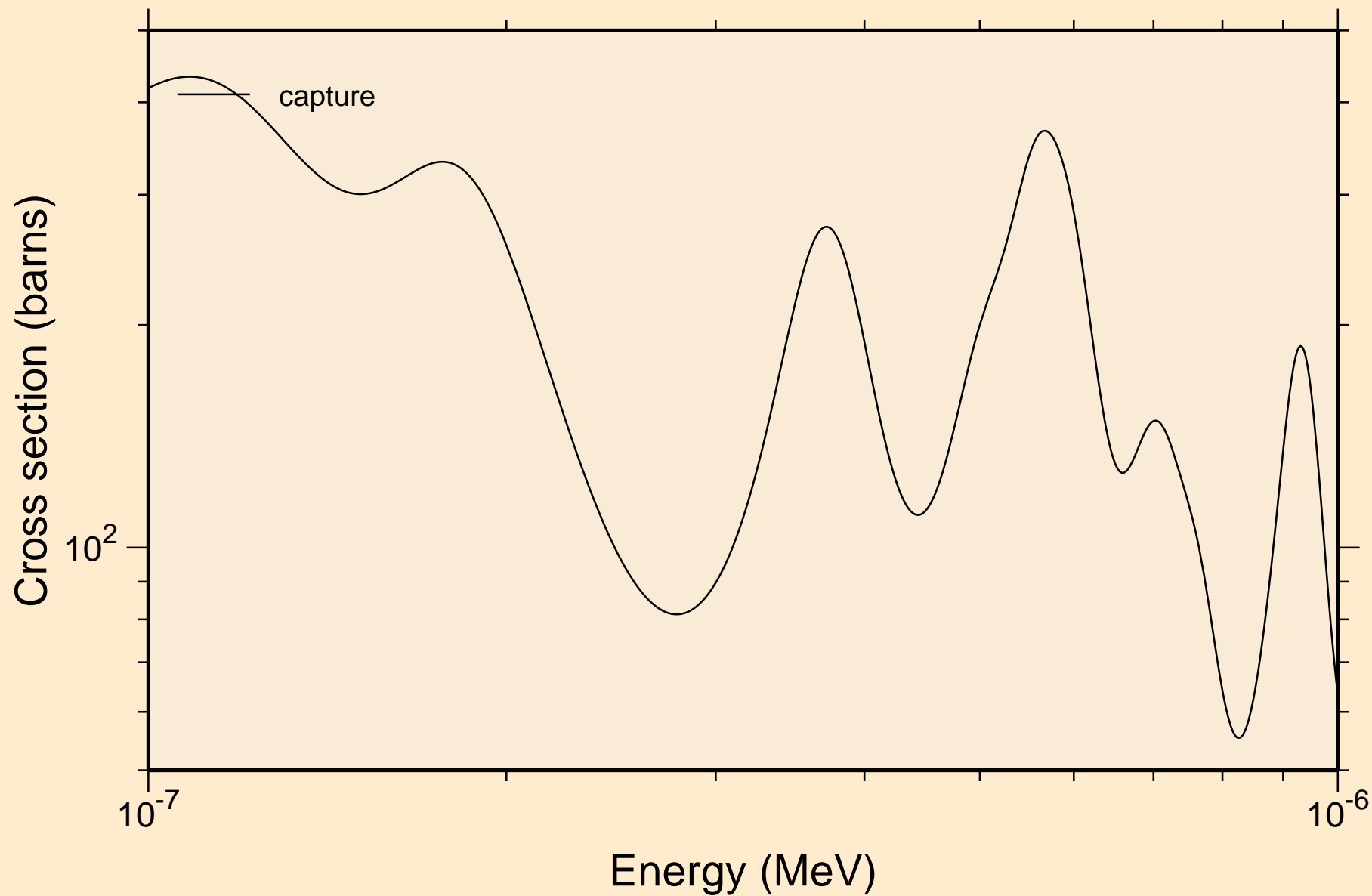
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resonance total cross section



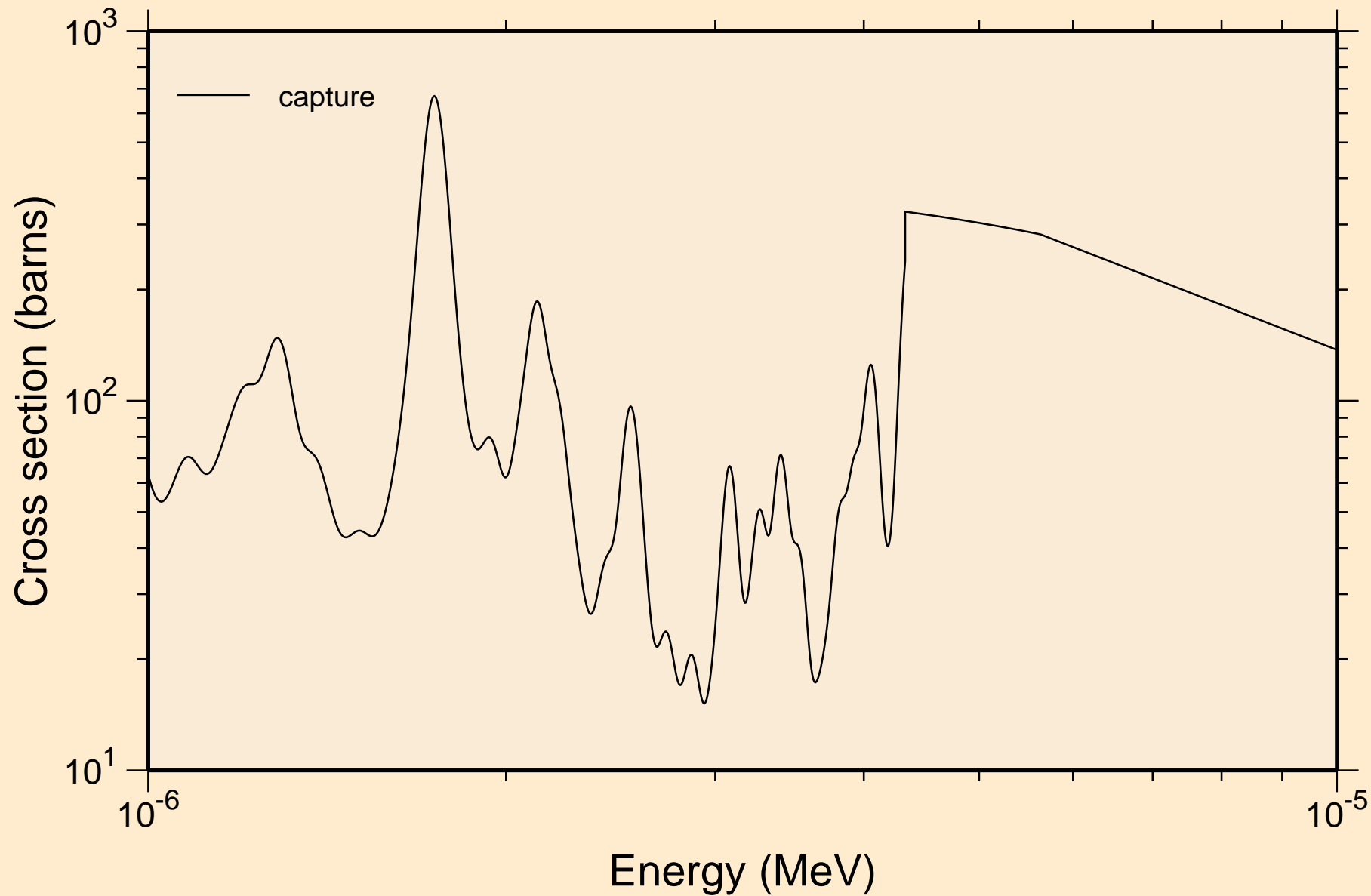
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resonance absorption cross sections



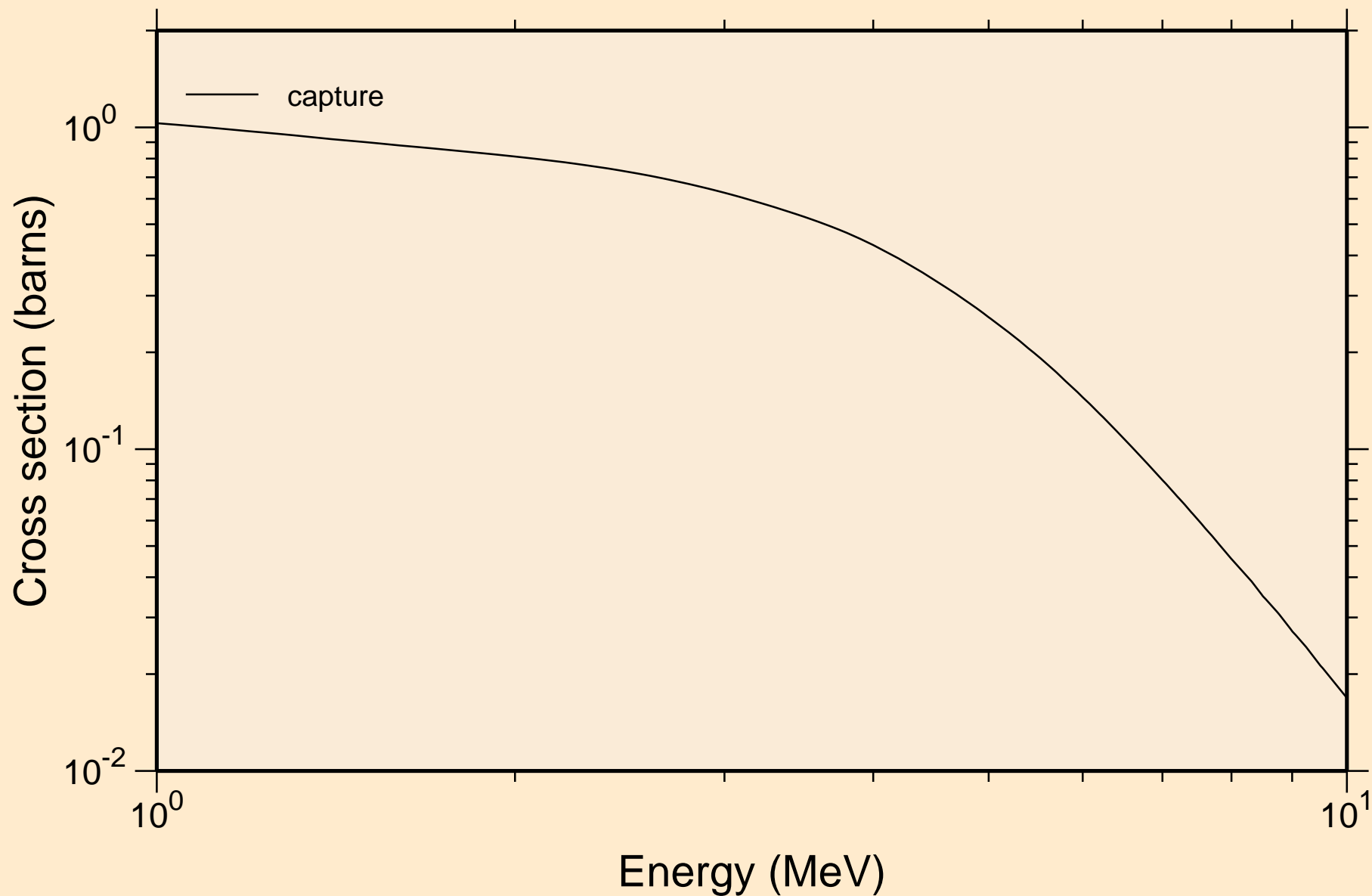
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resonance absorption cross sections



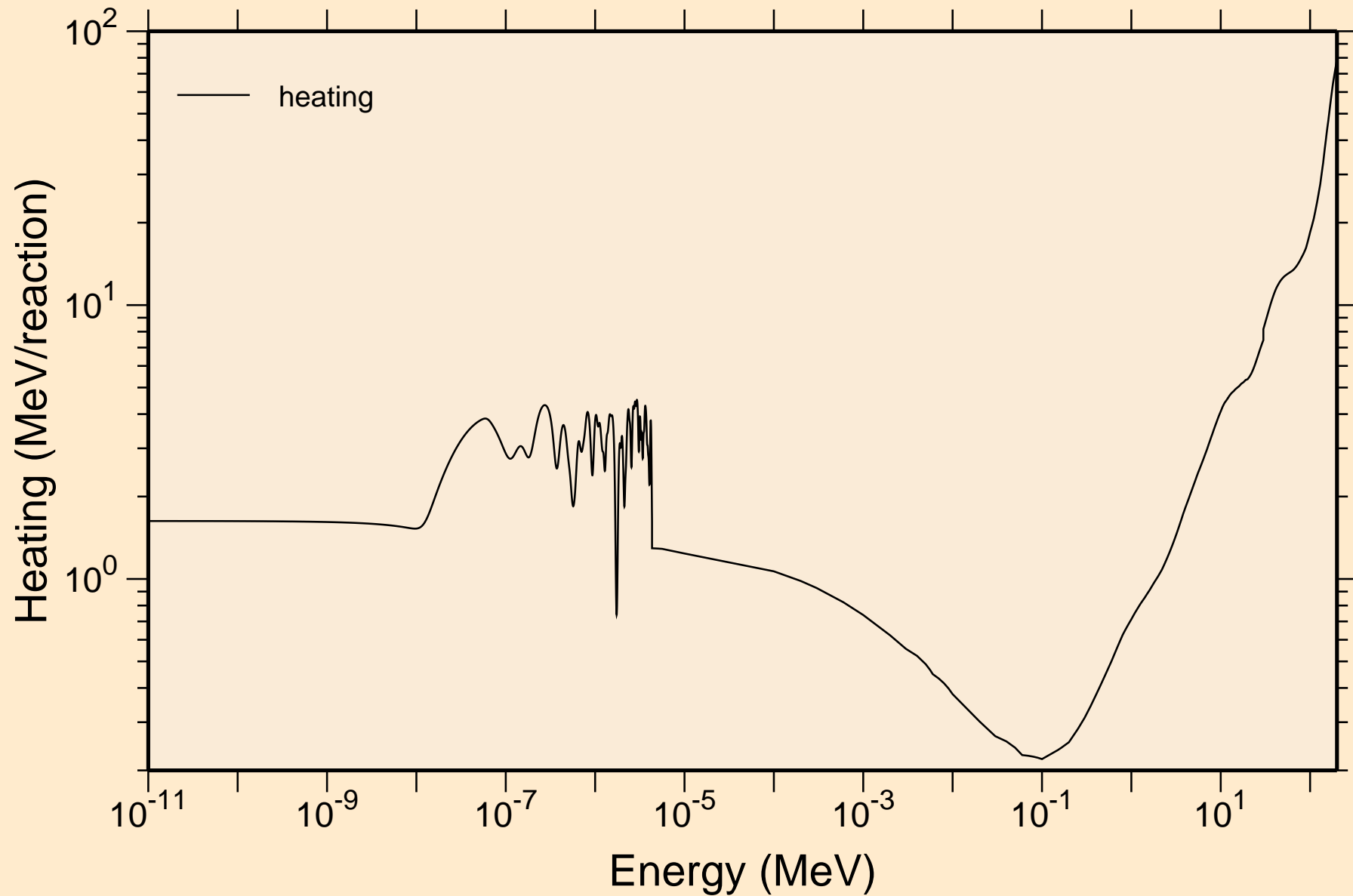
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resonance absorption cross sections



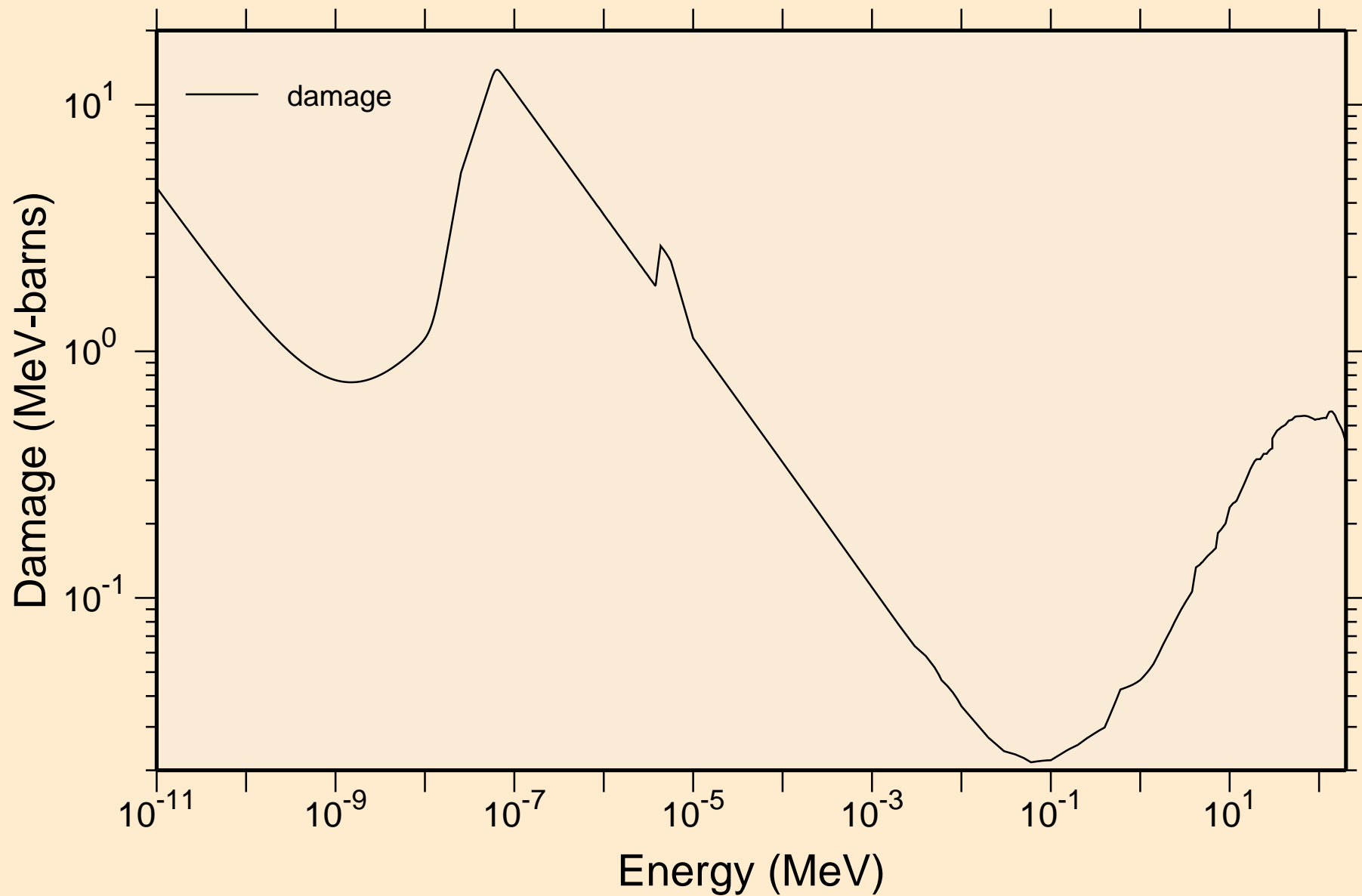
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resonance absorption cross sections



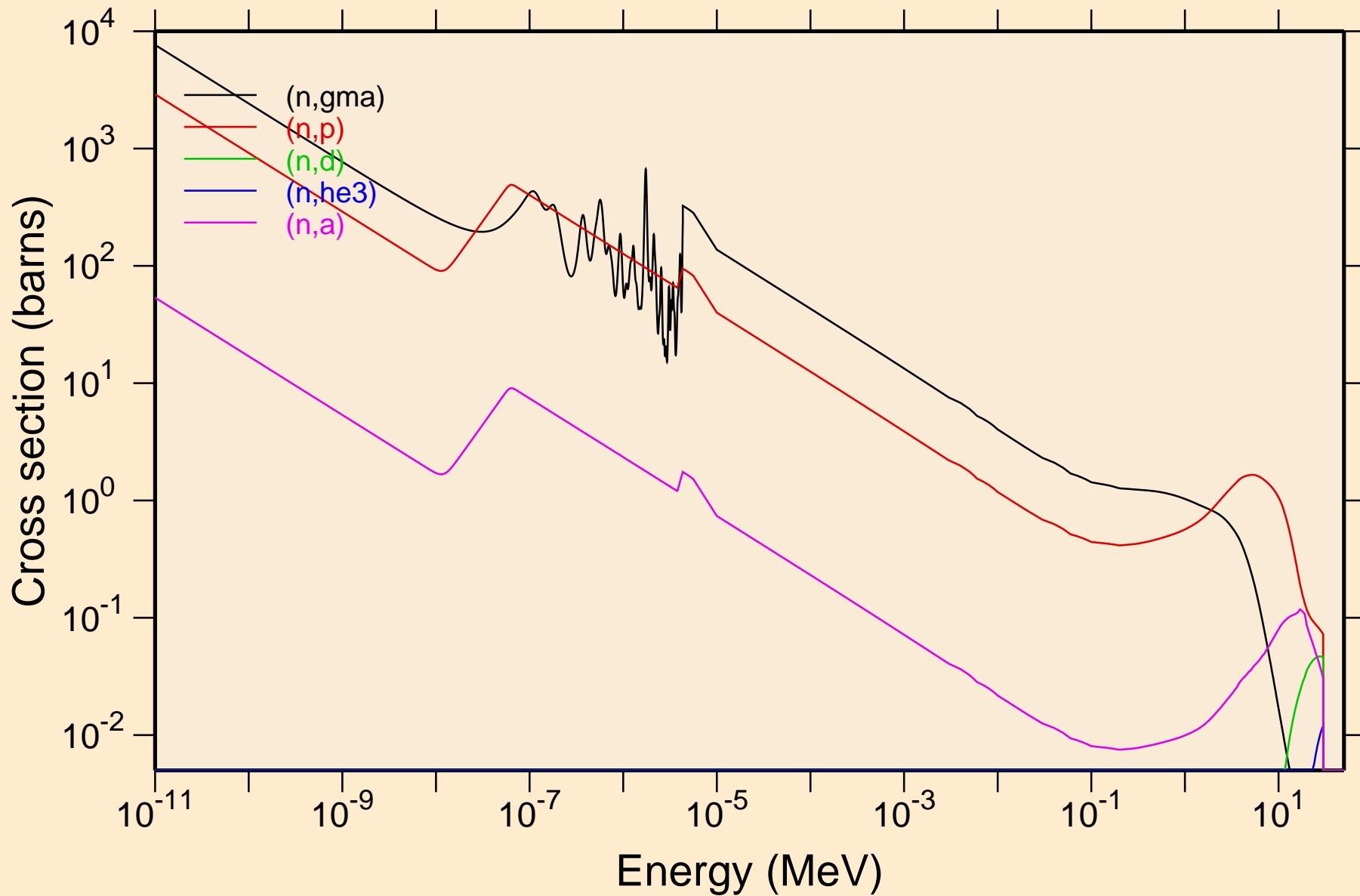
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



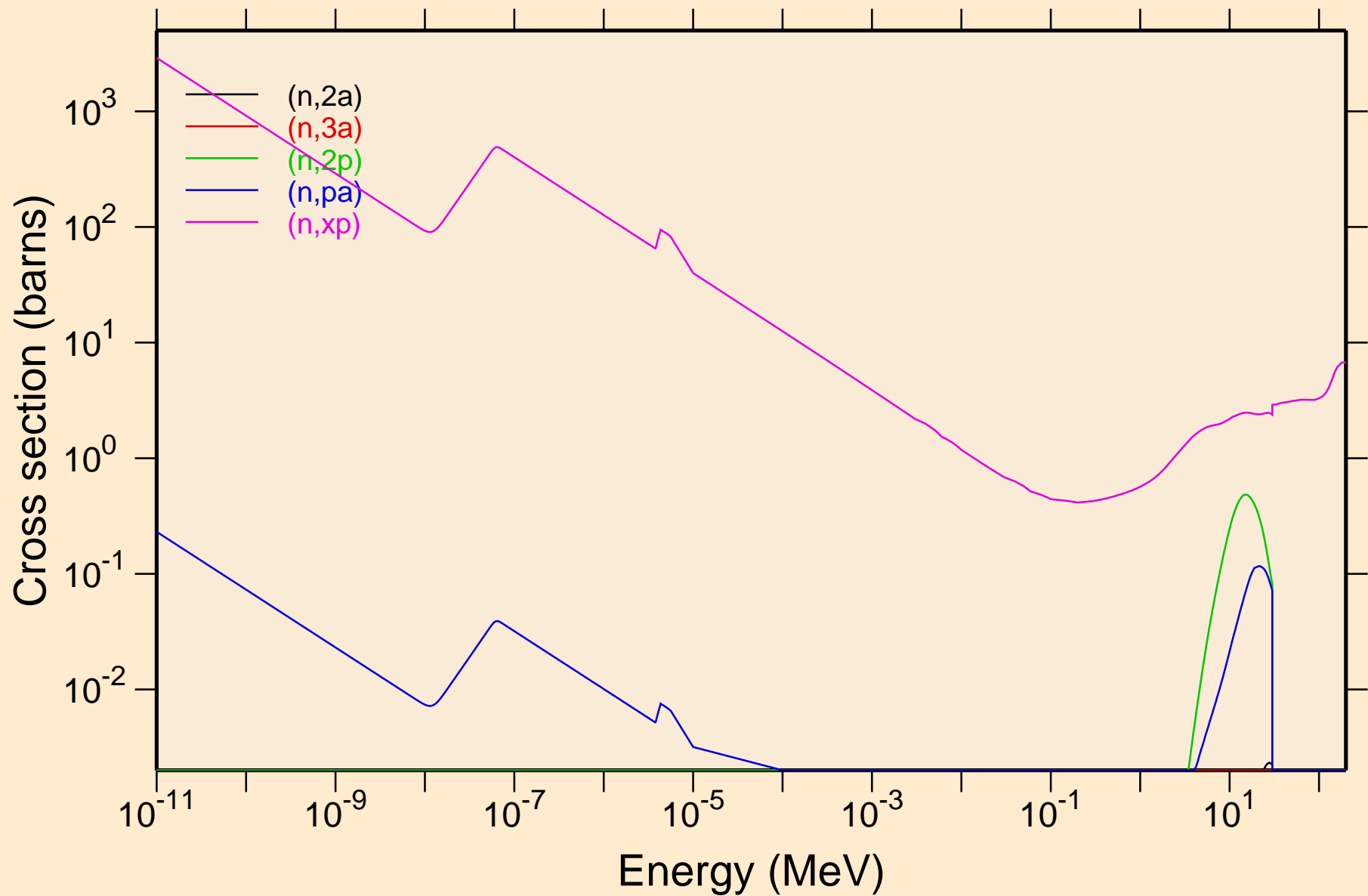
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Damage



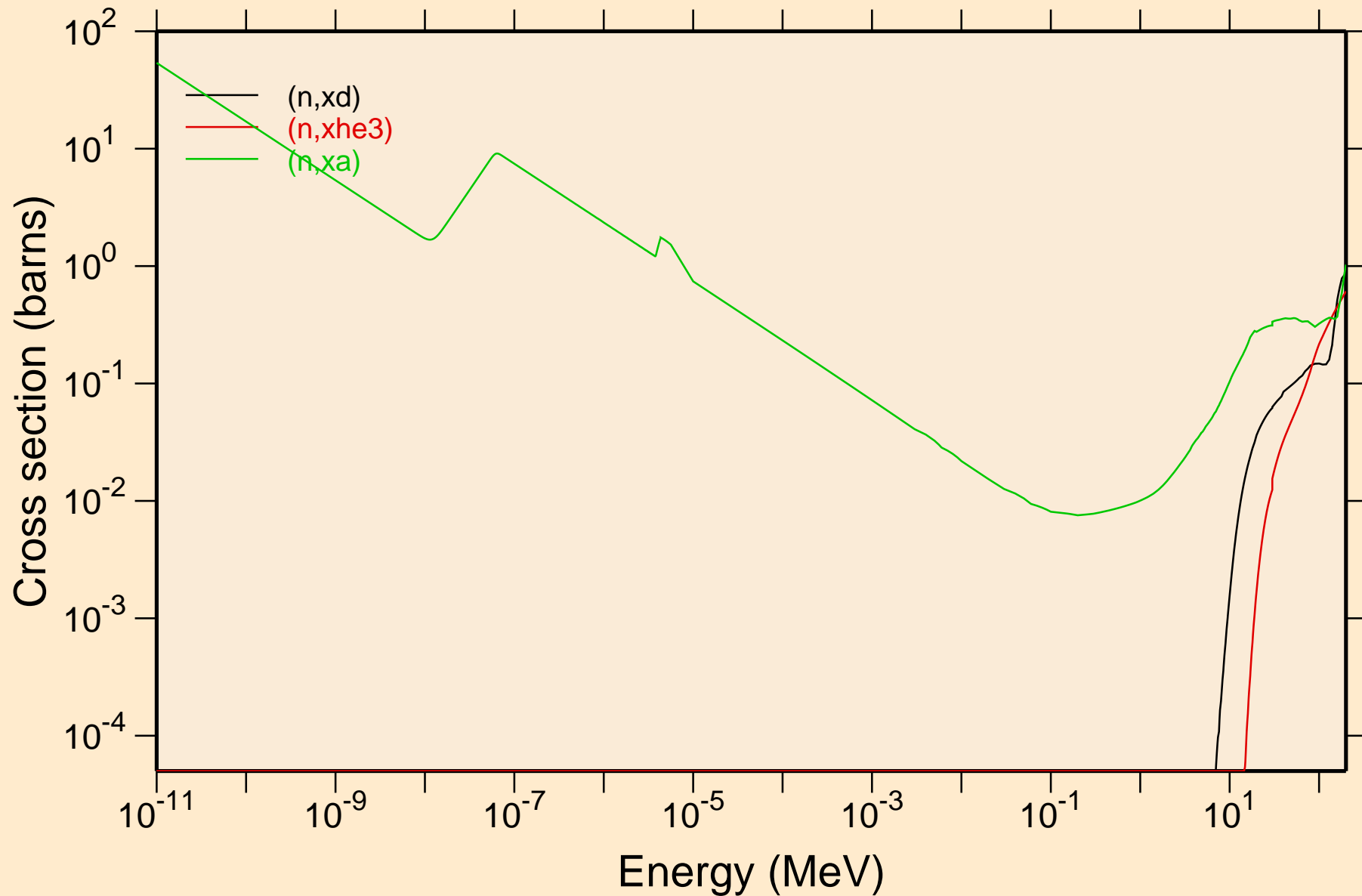
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



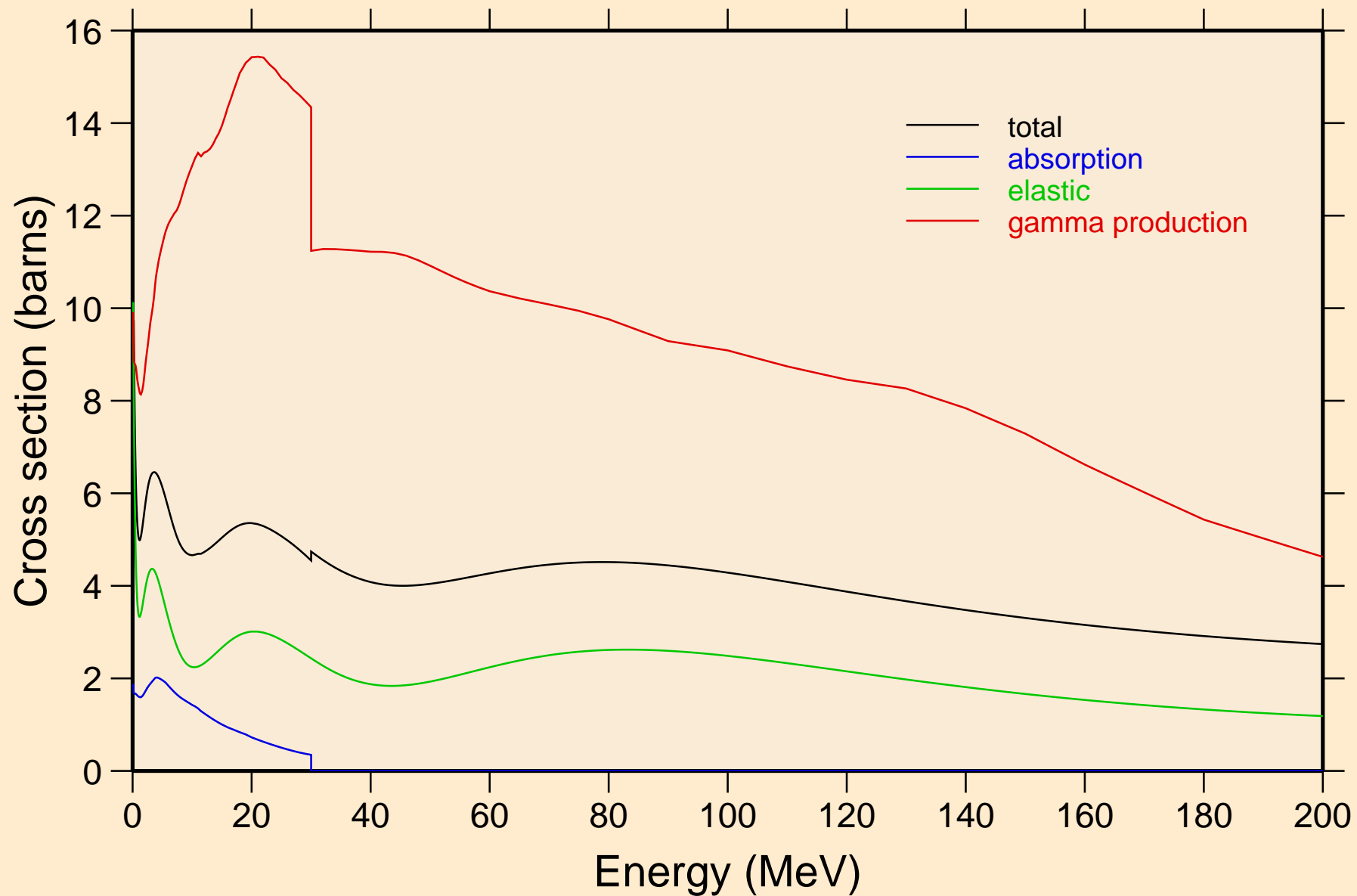
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Non-threshold reactions



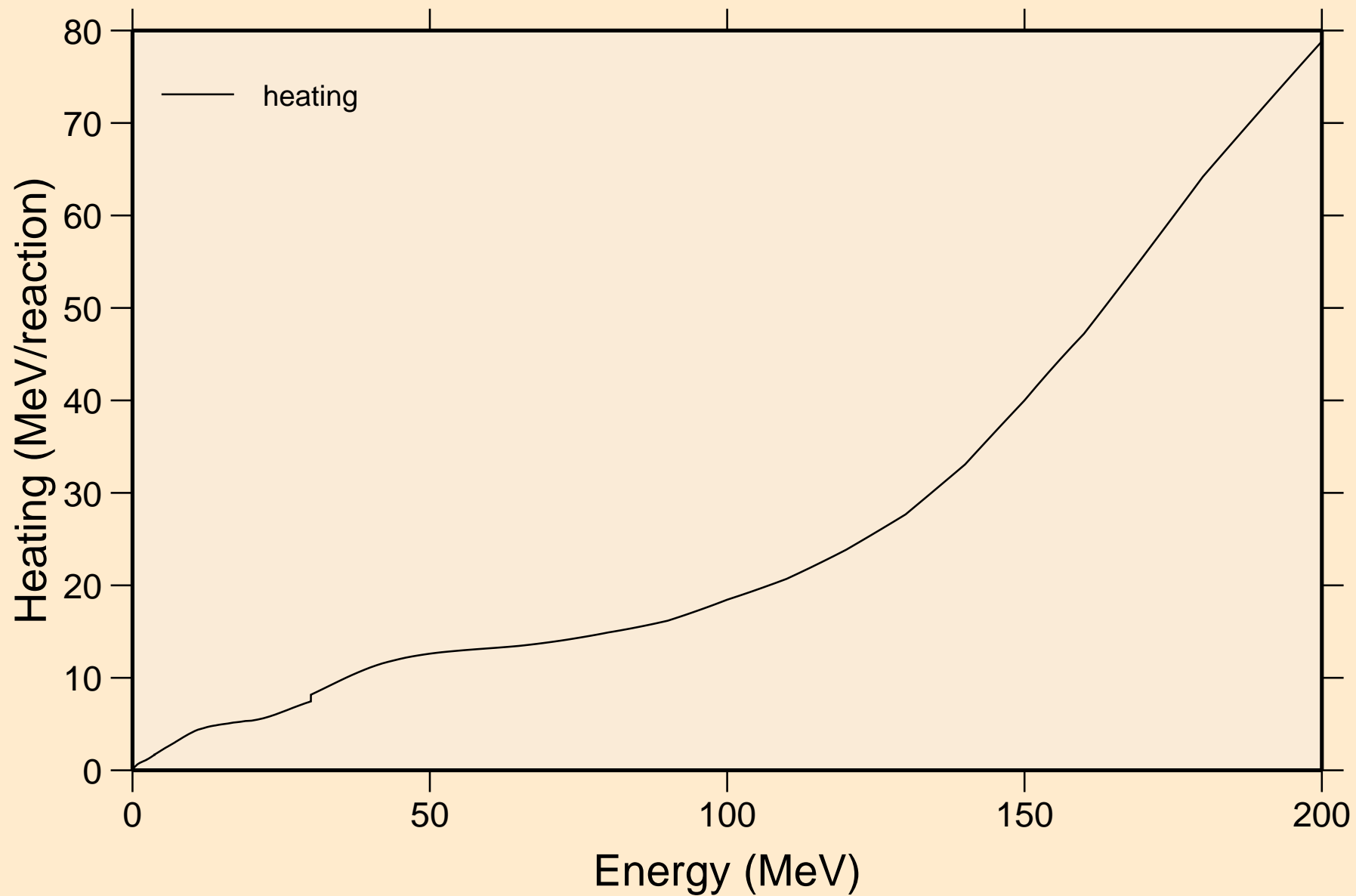
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Non-threshold reactions



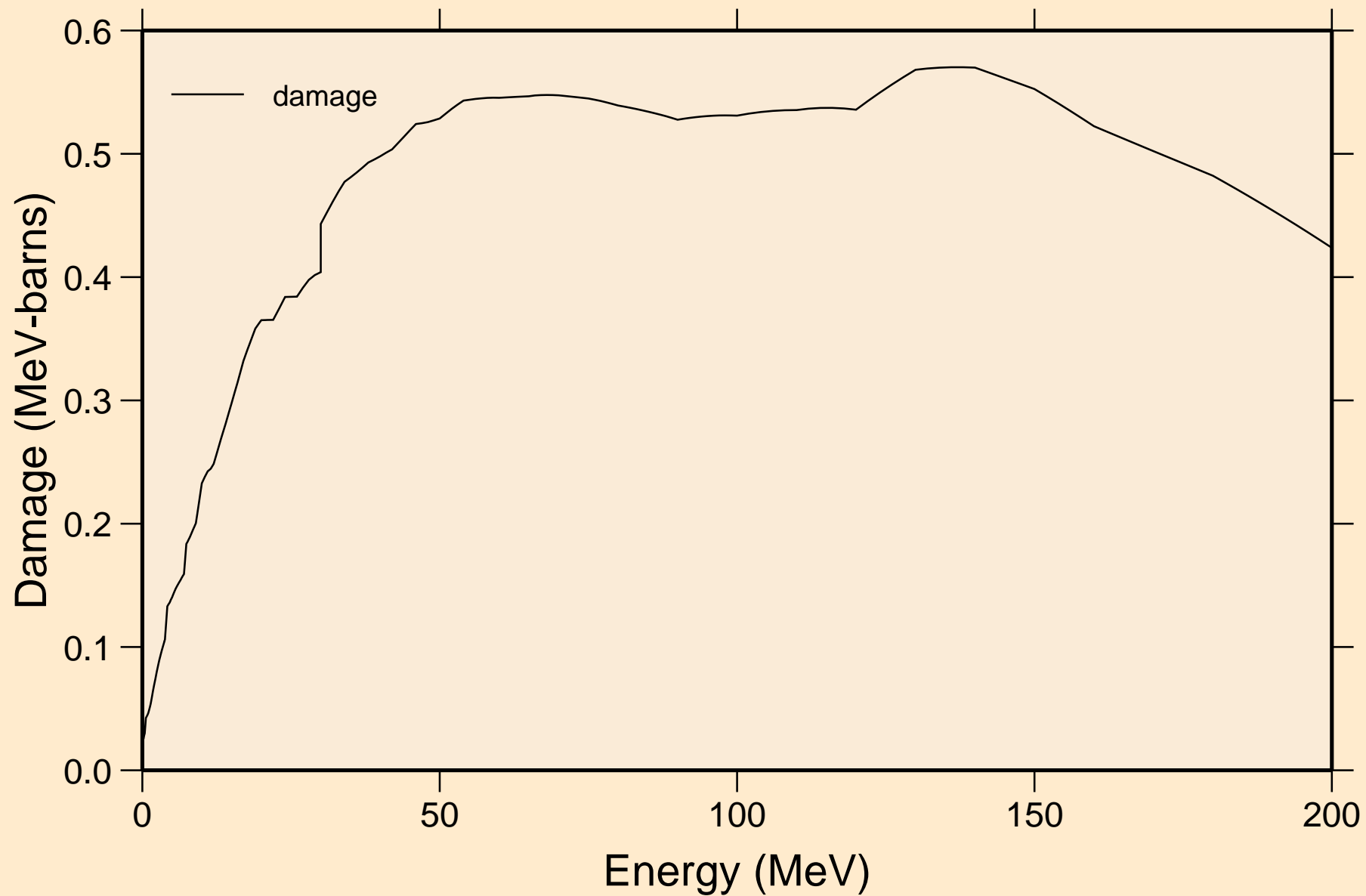
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Principal cross sections



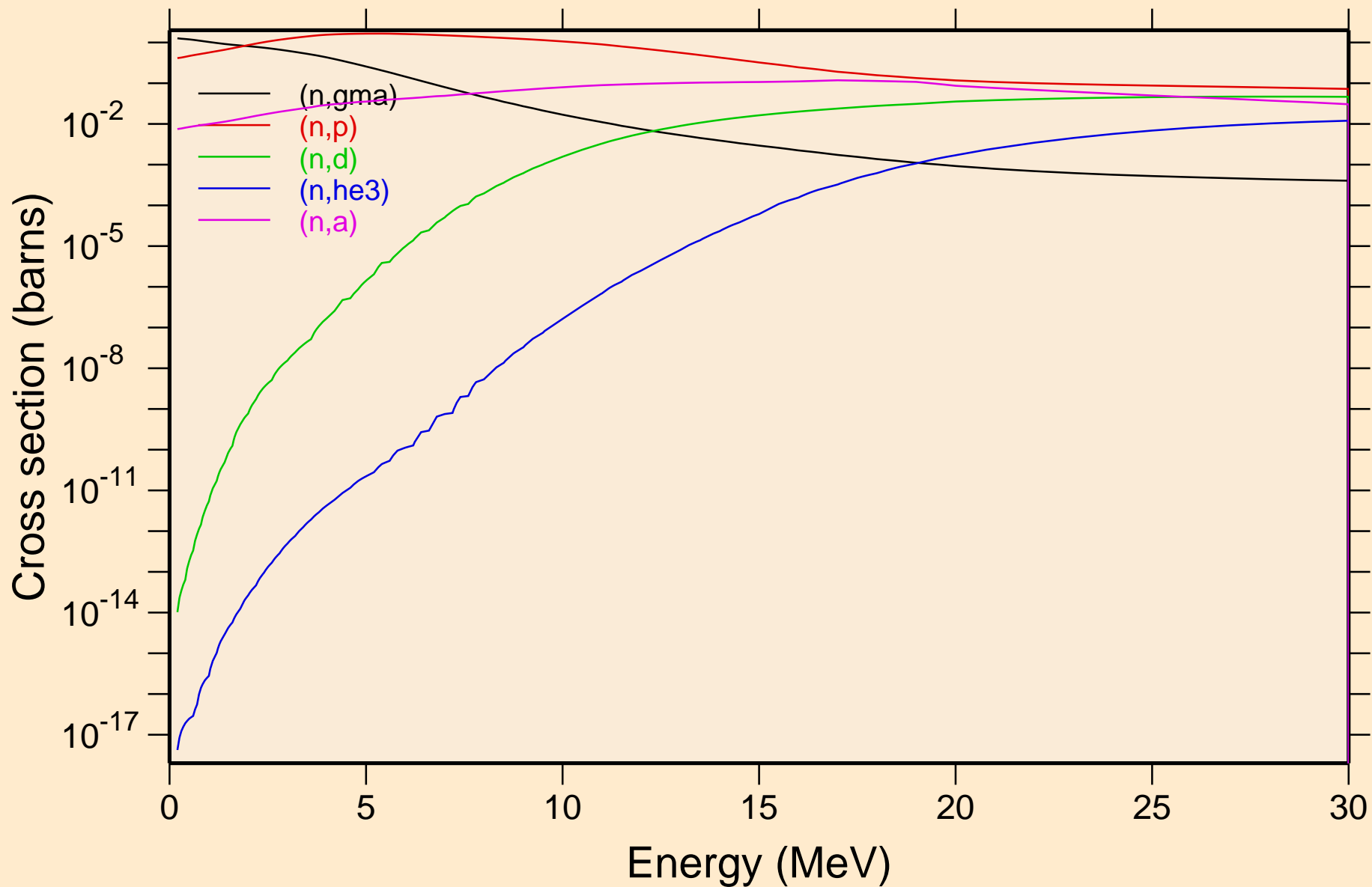
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



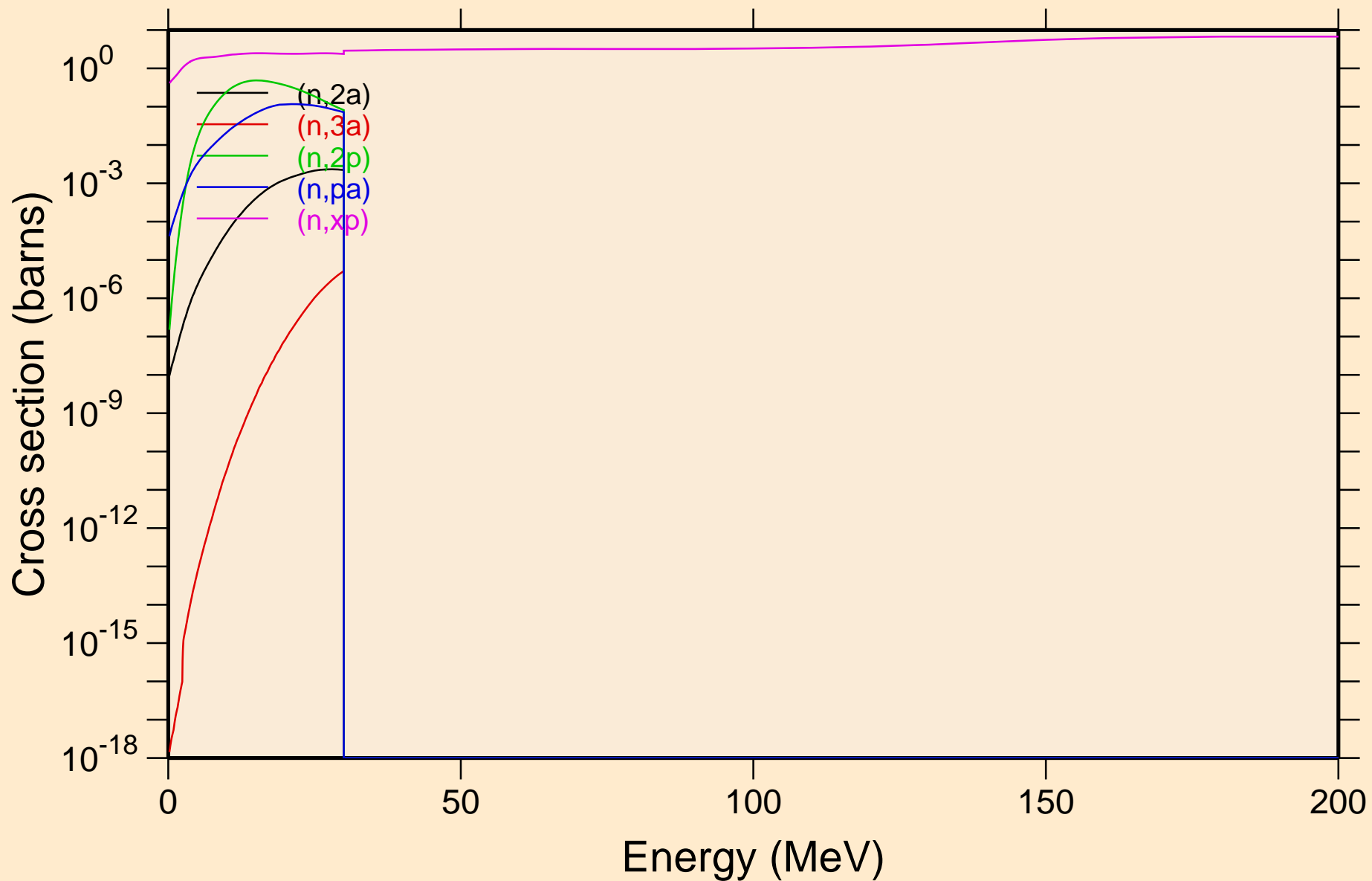
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Damage



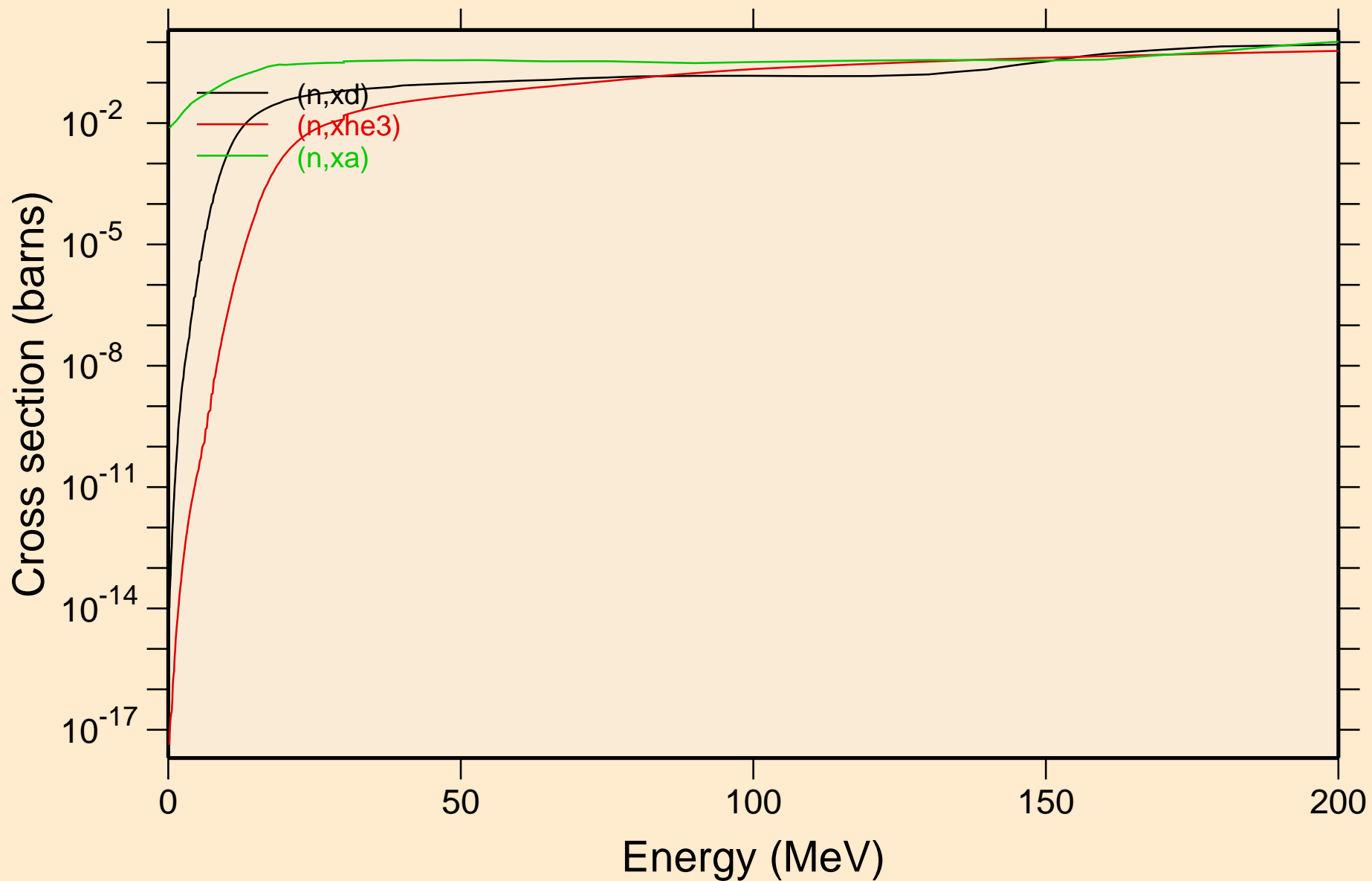
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Non-threshold reactions



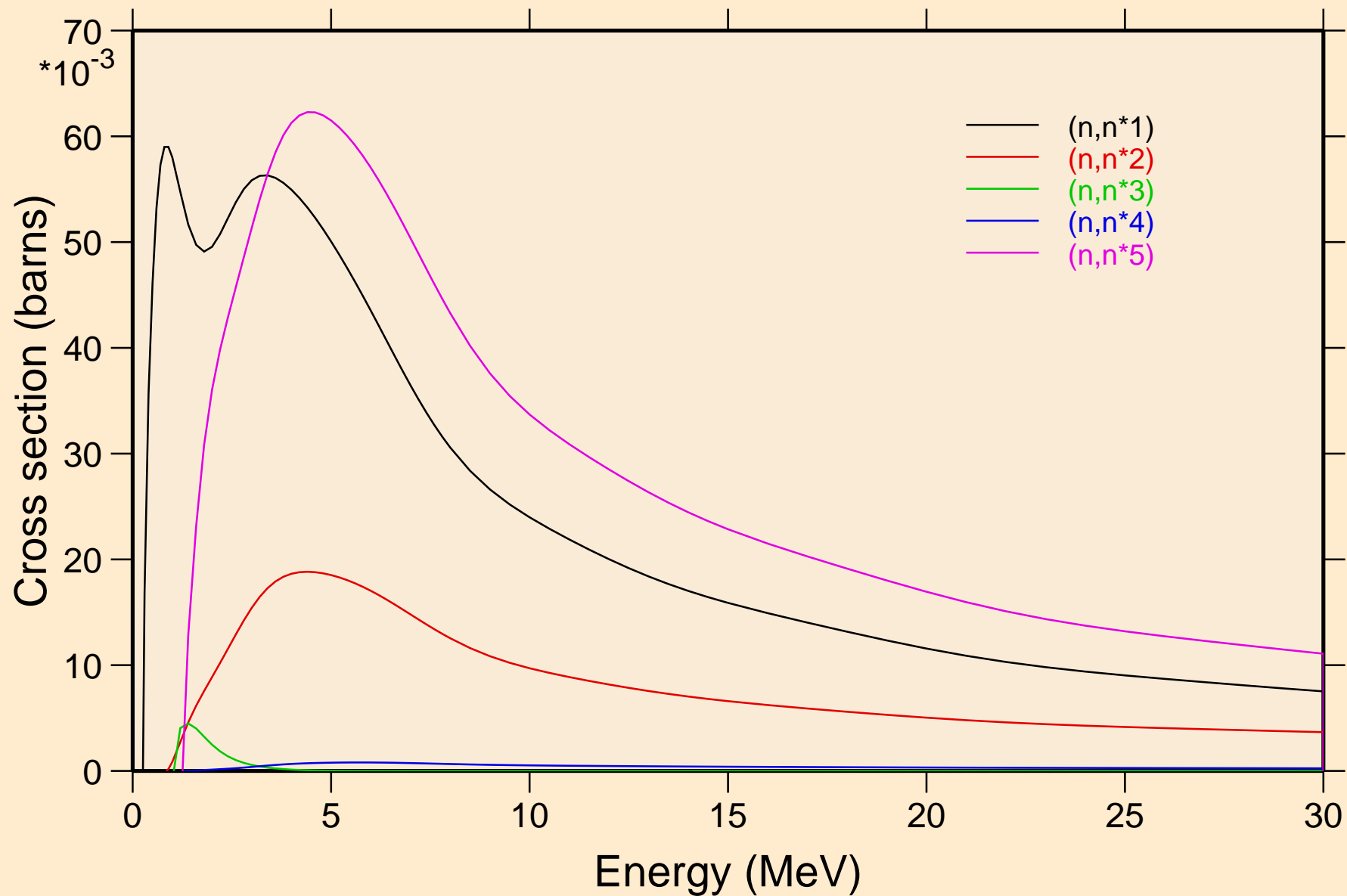
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Non-threshold reactions



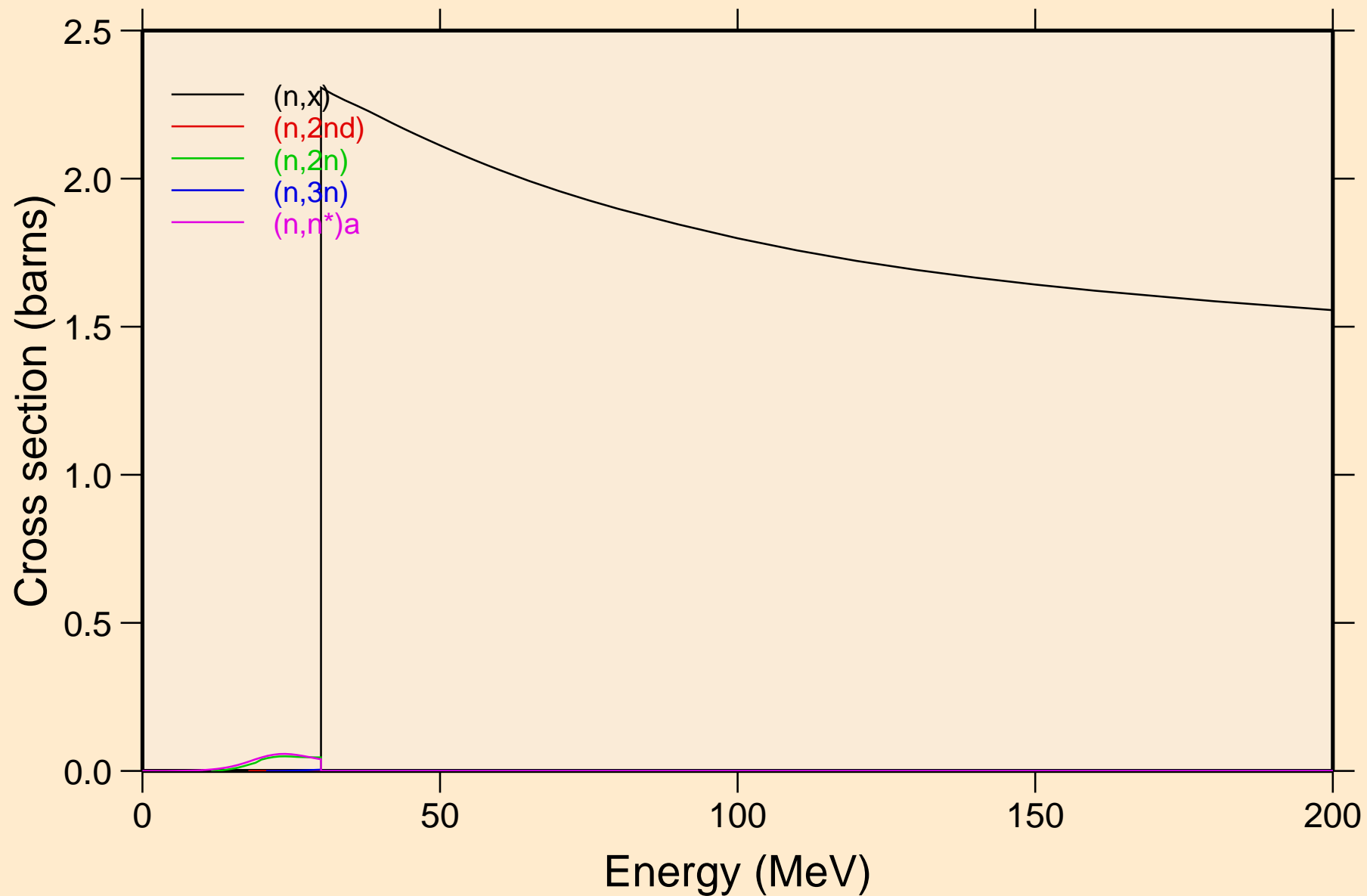
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Non-threshold reactions



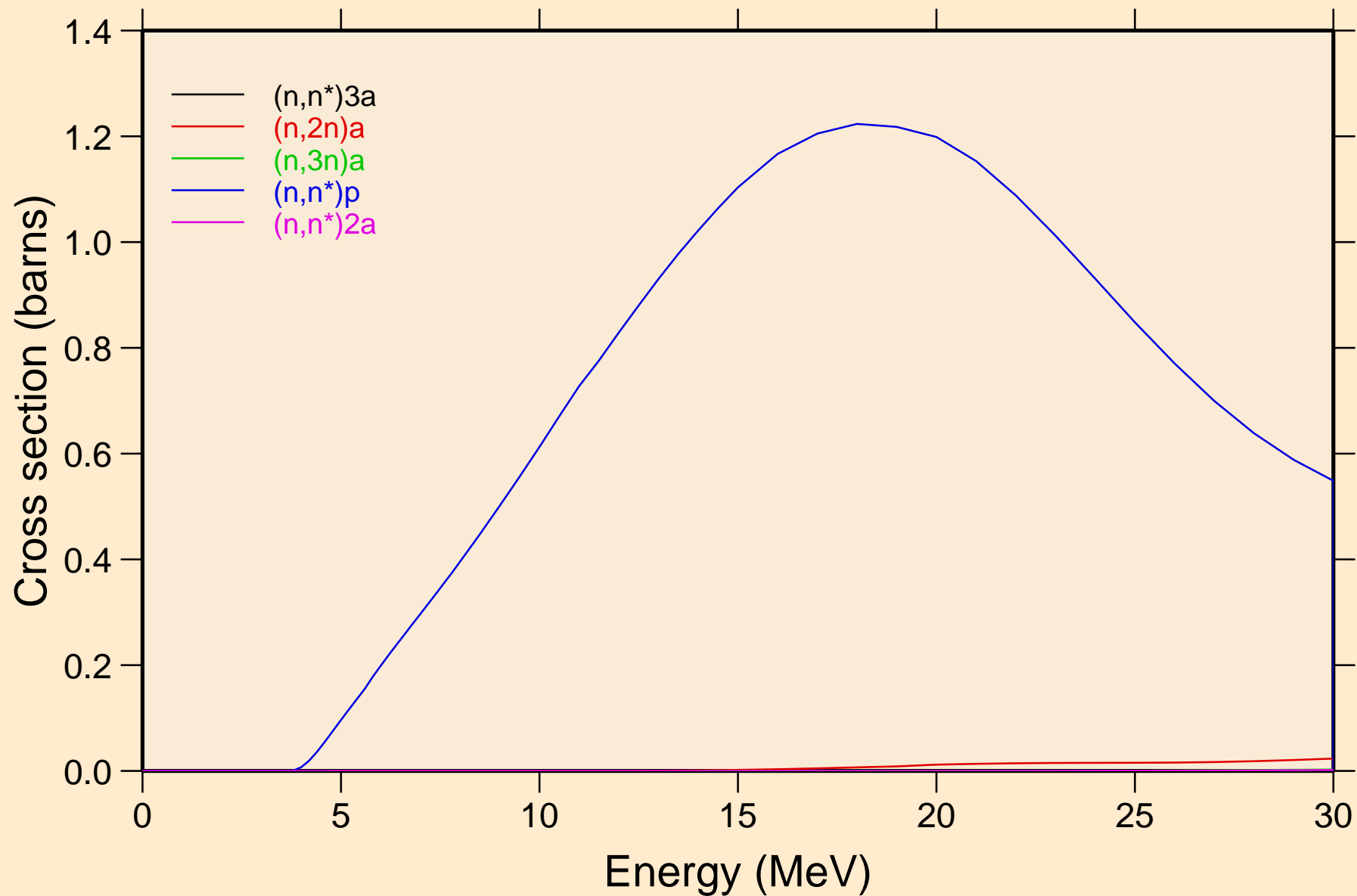
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



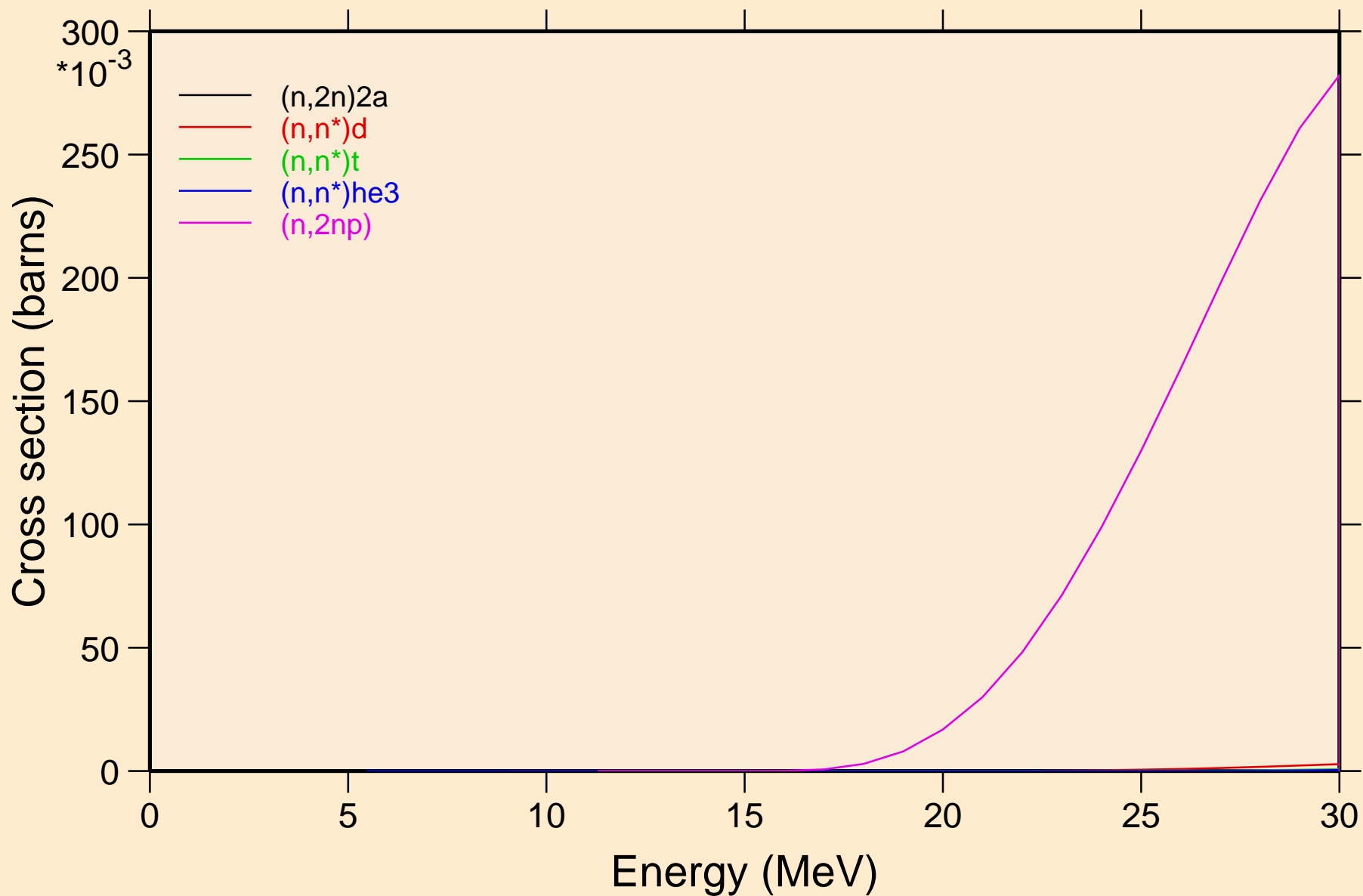
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



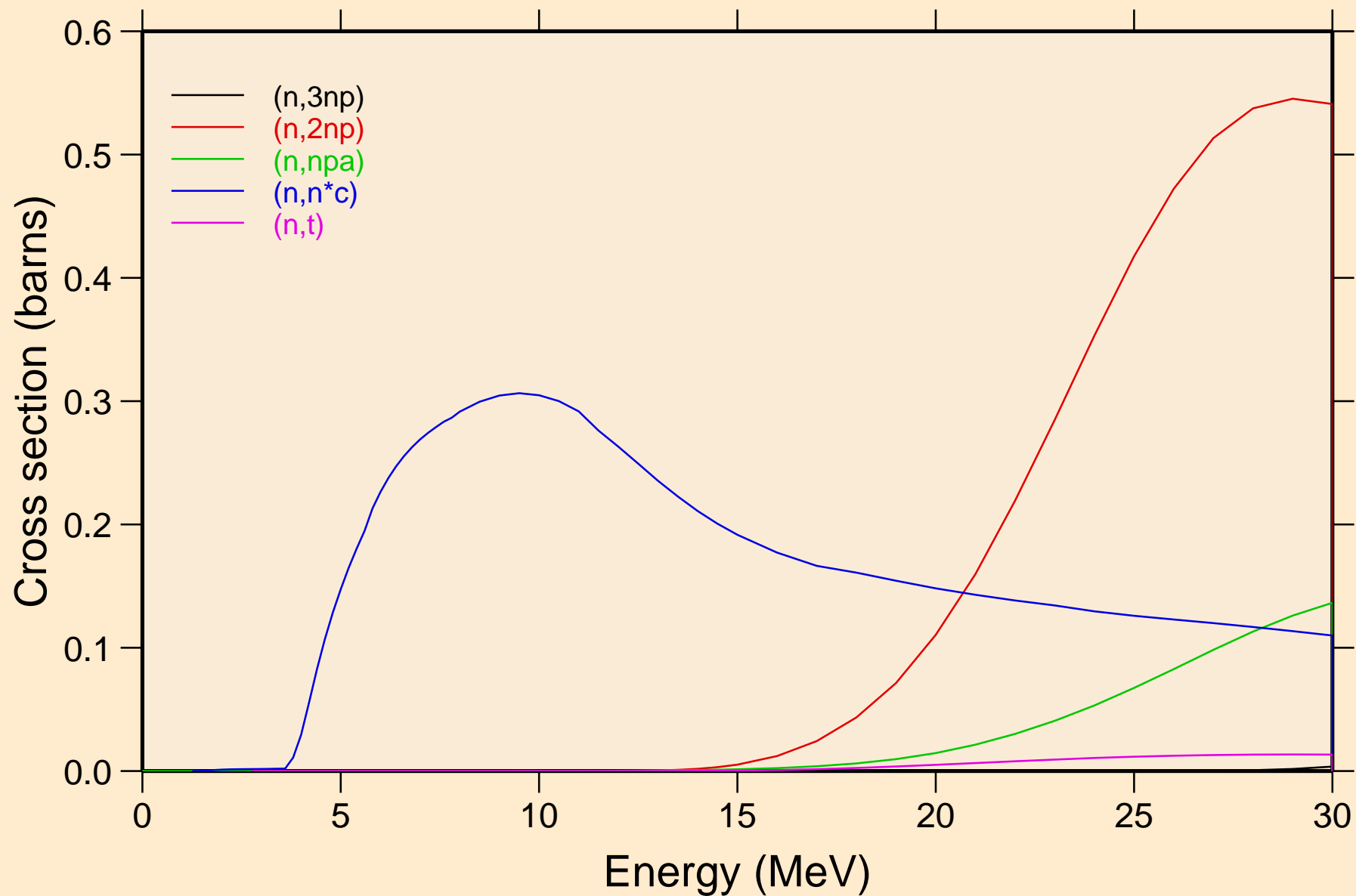
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



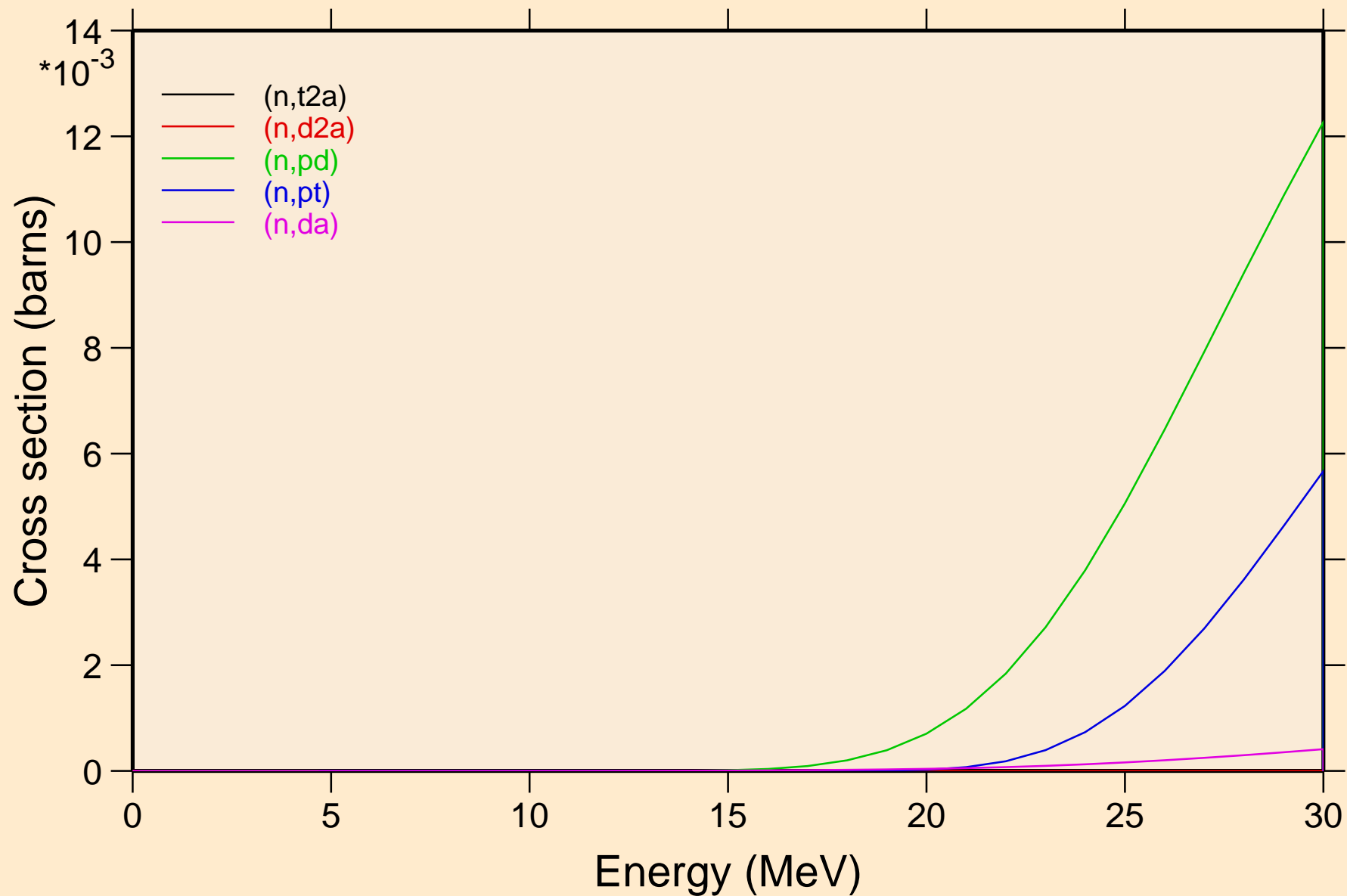
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



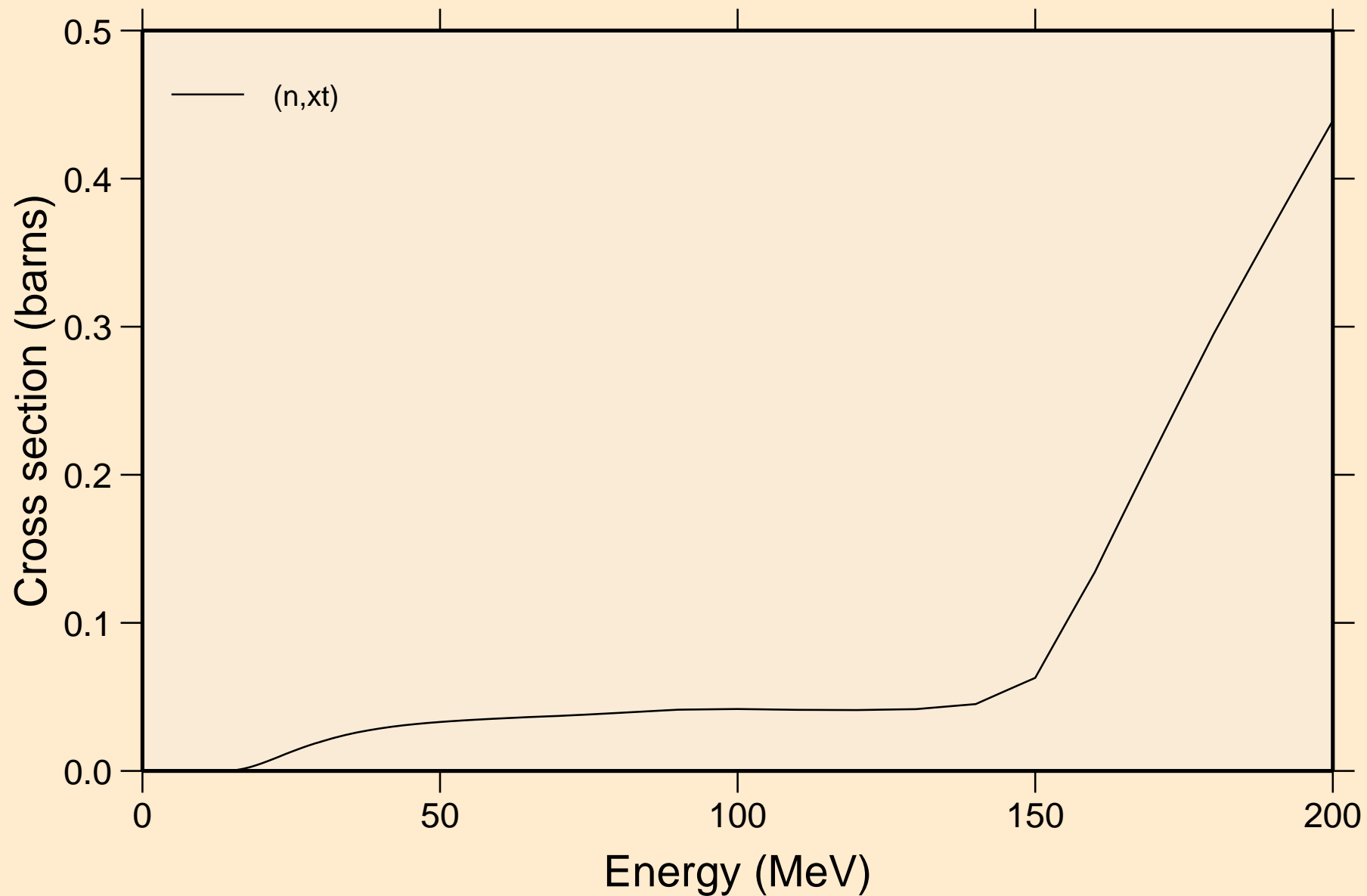
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



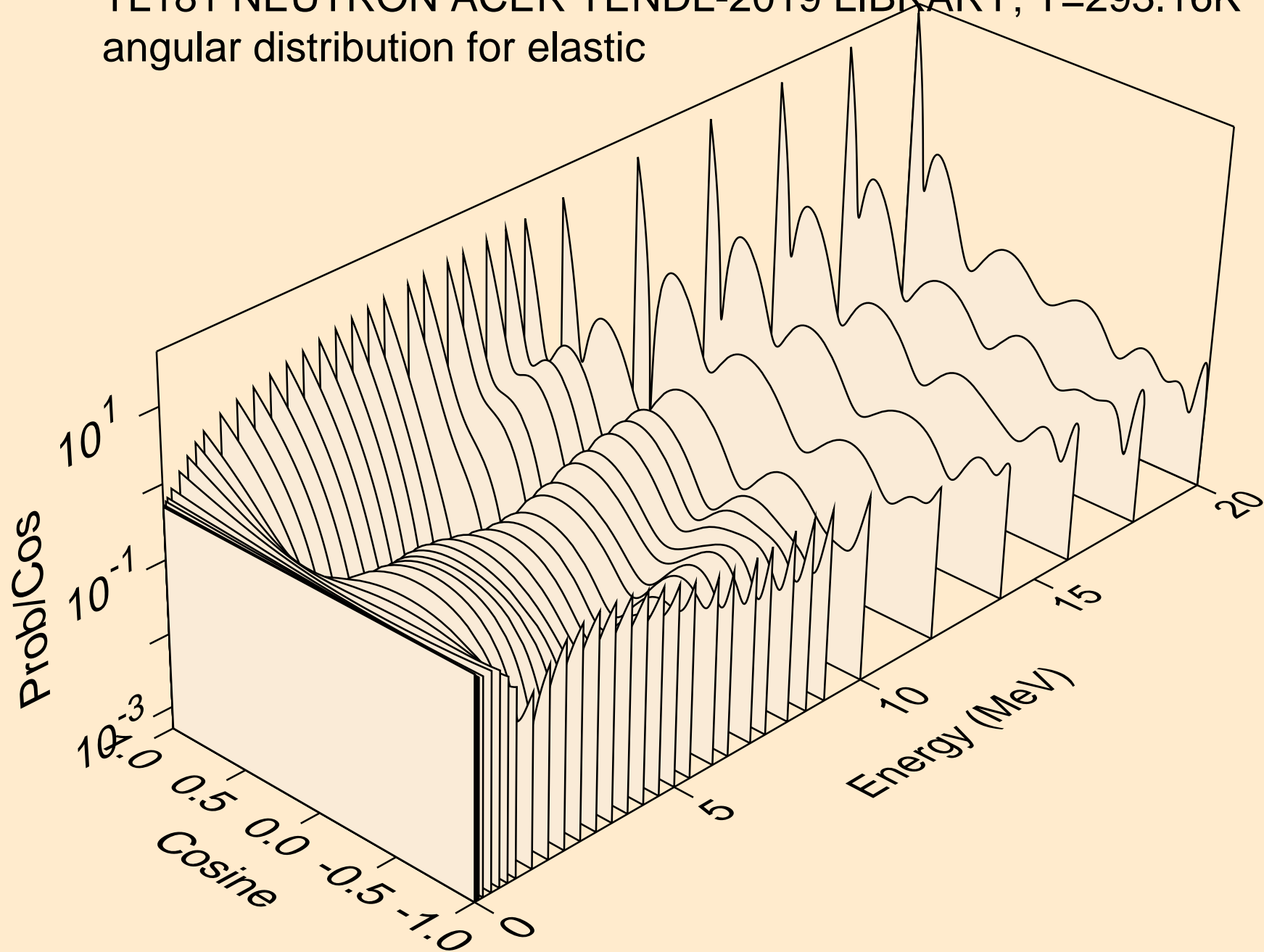
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



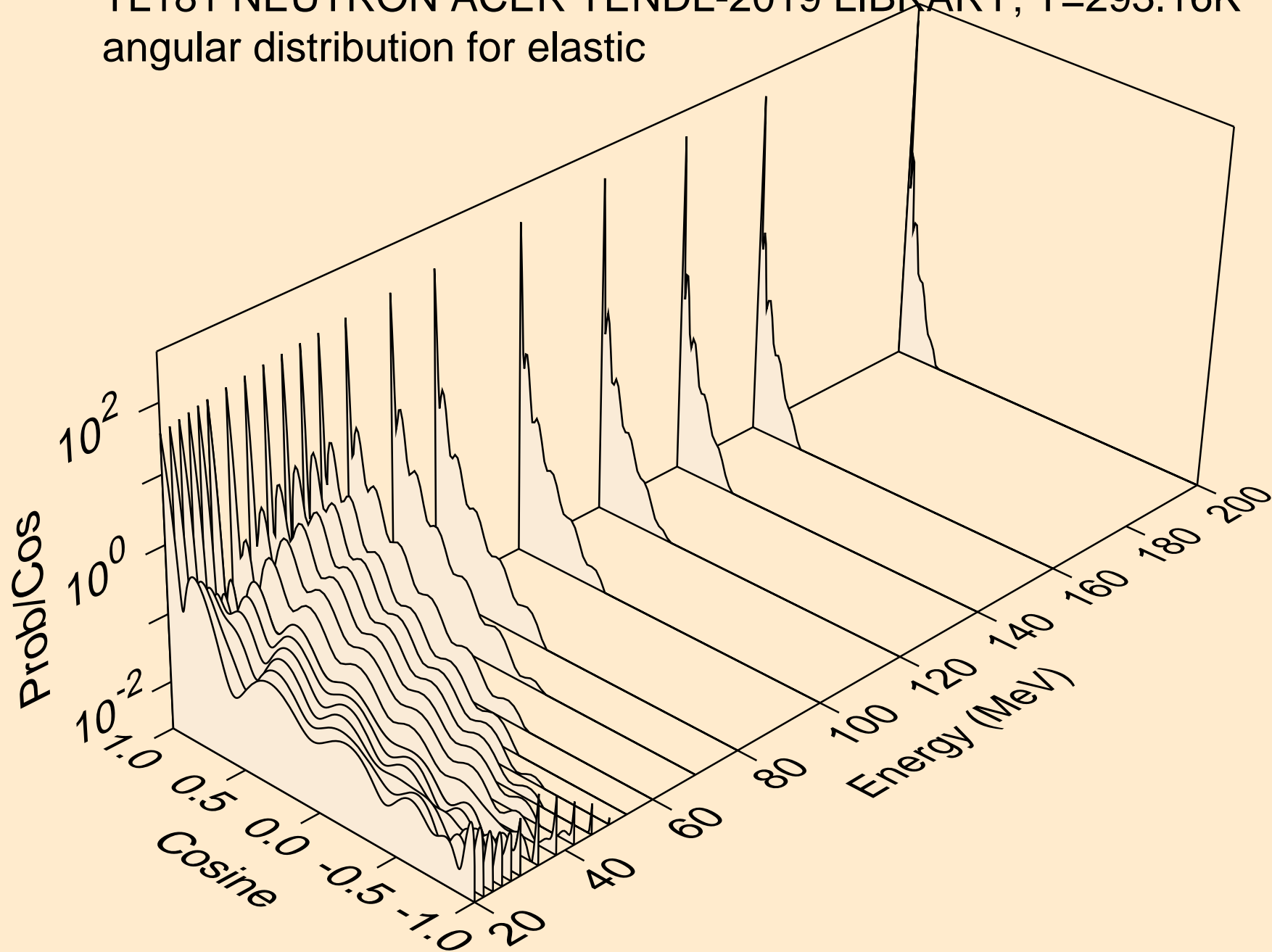
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



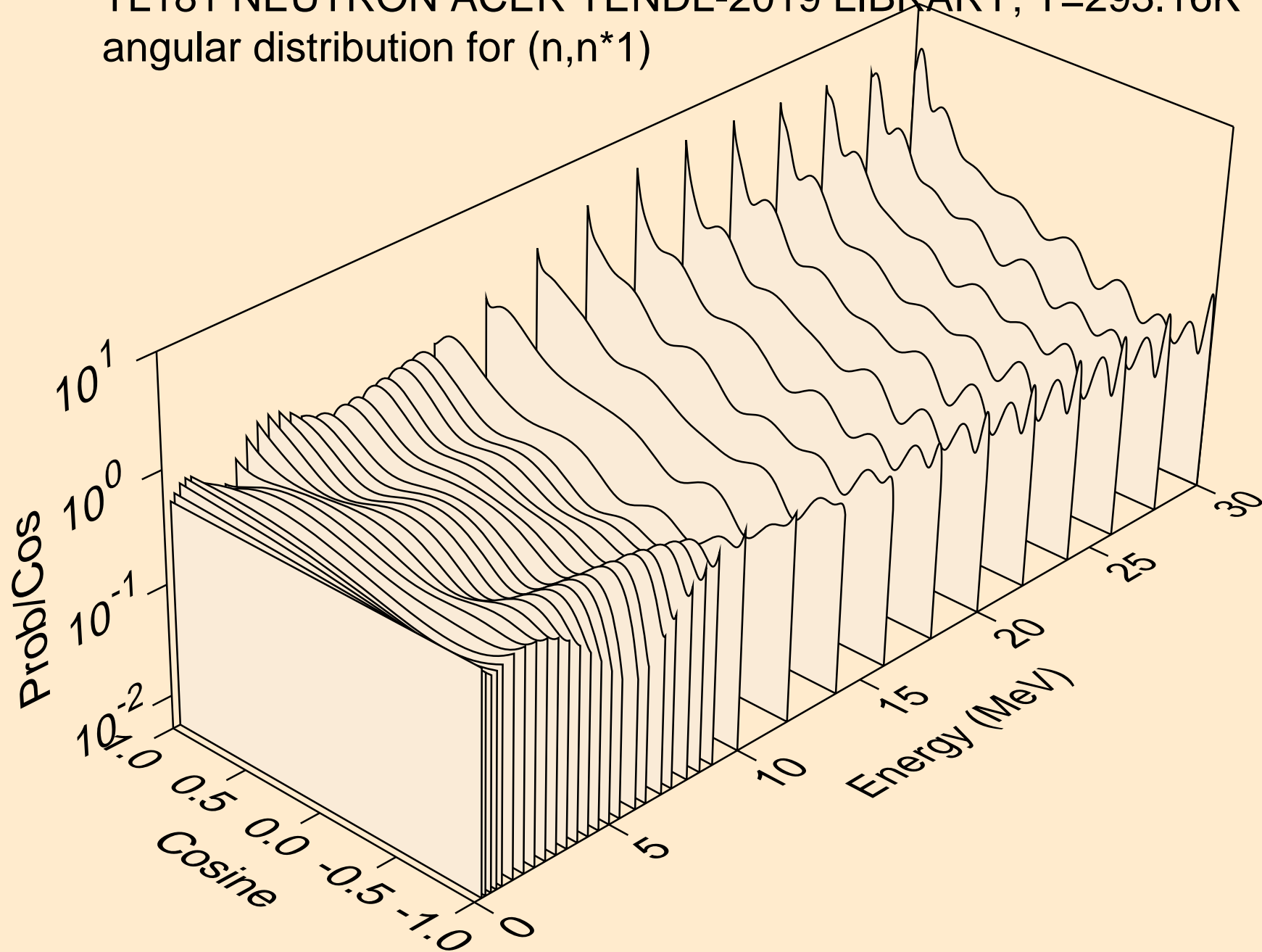
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angular distribution for elastic



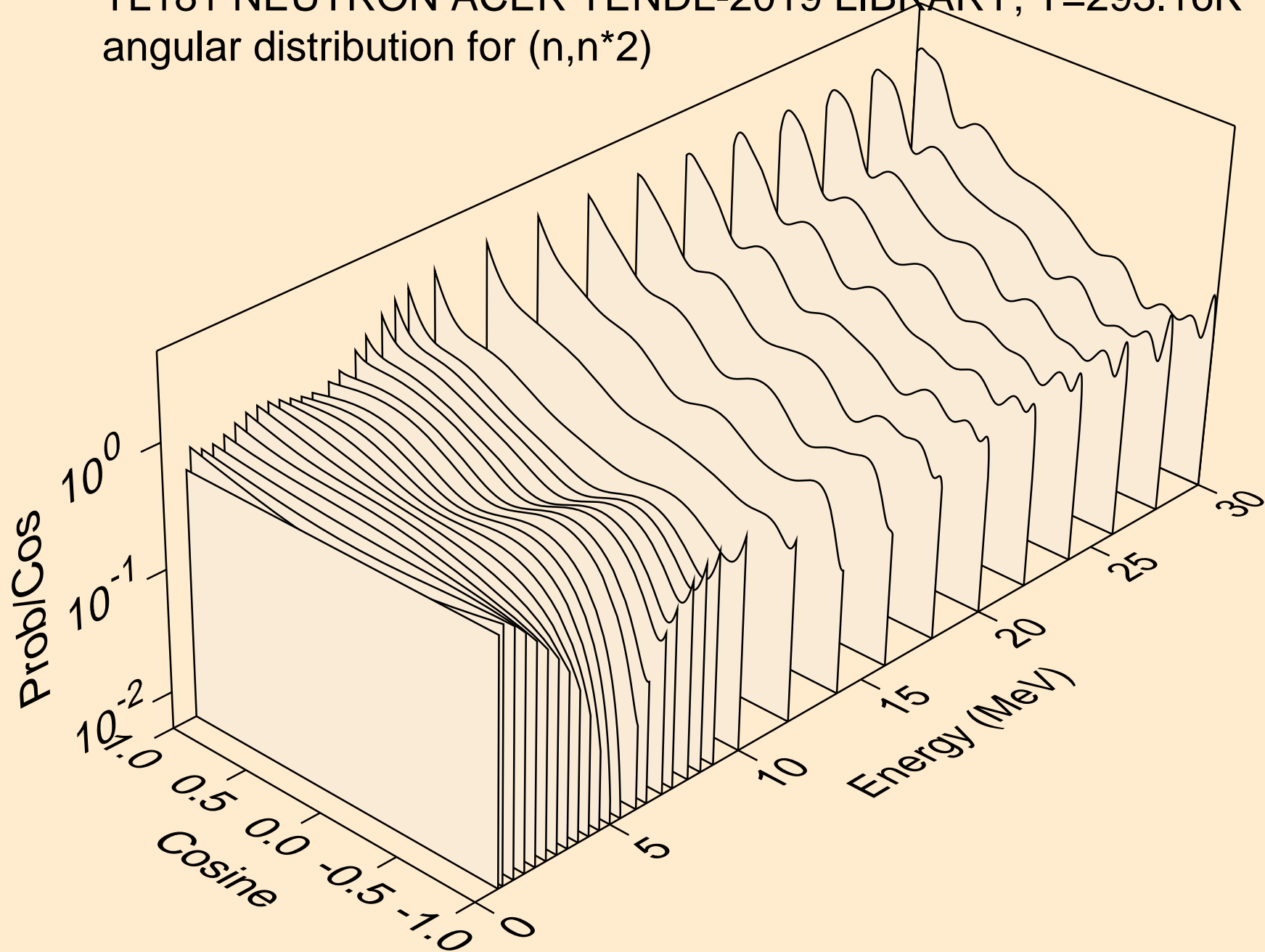
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angular distribution for elastic



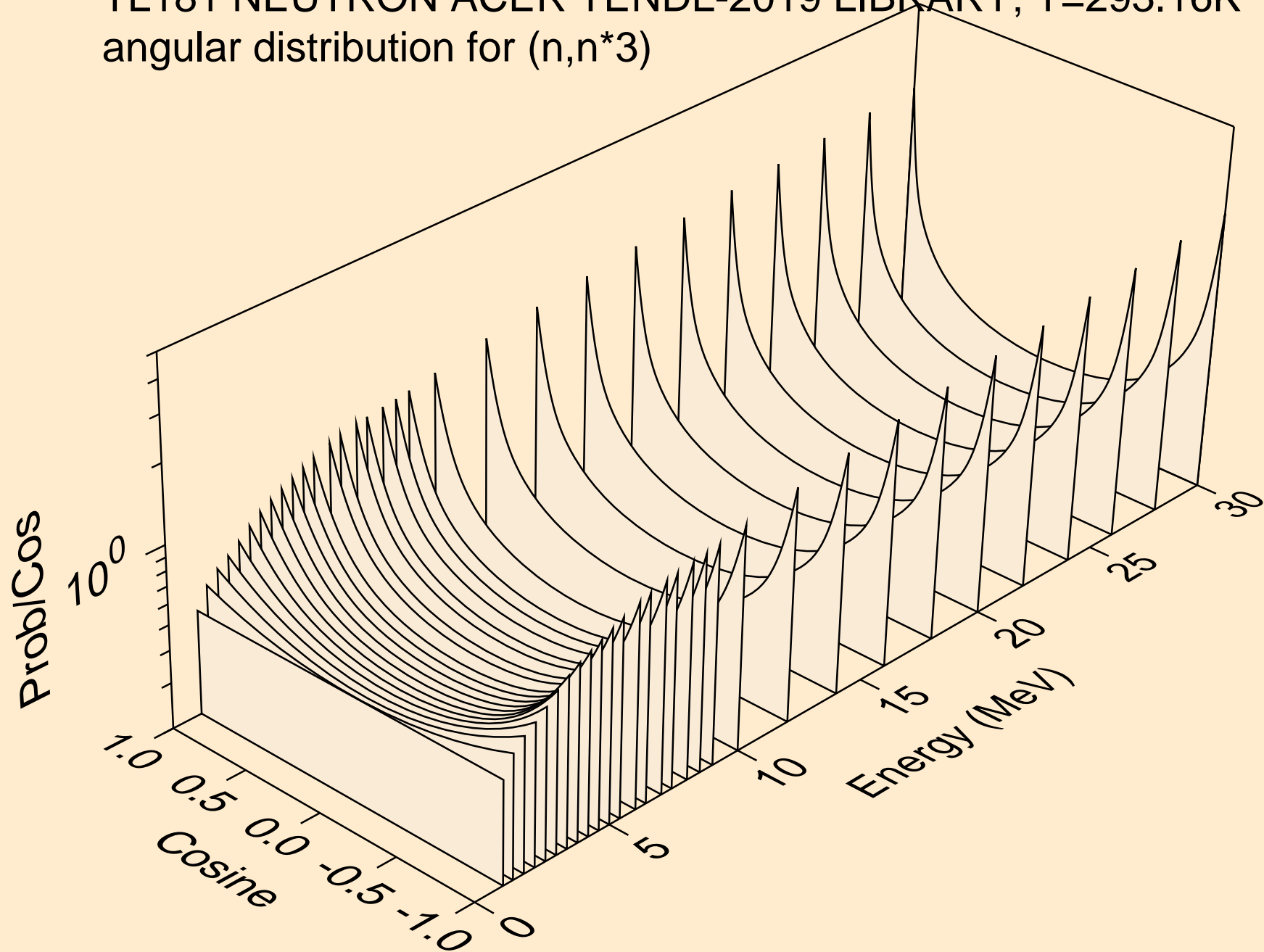
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



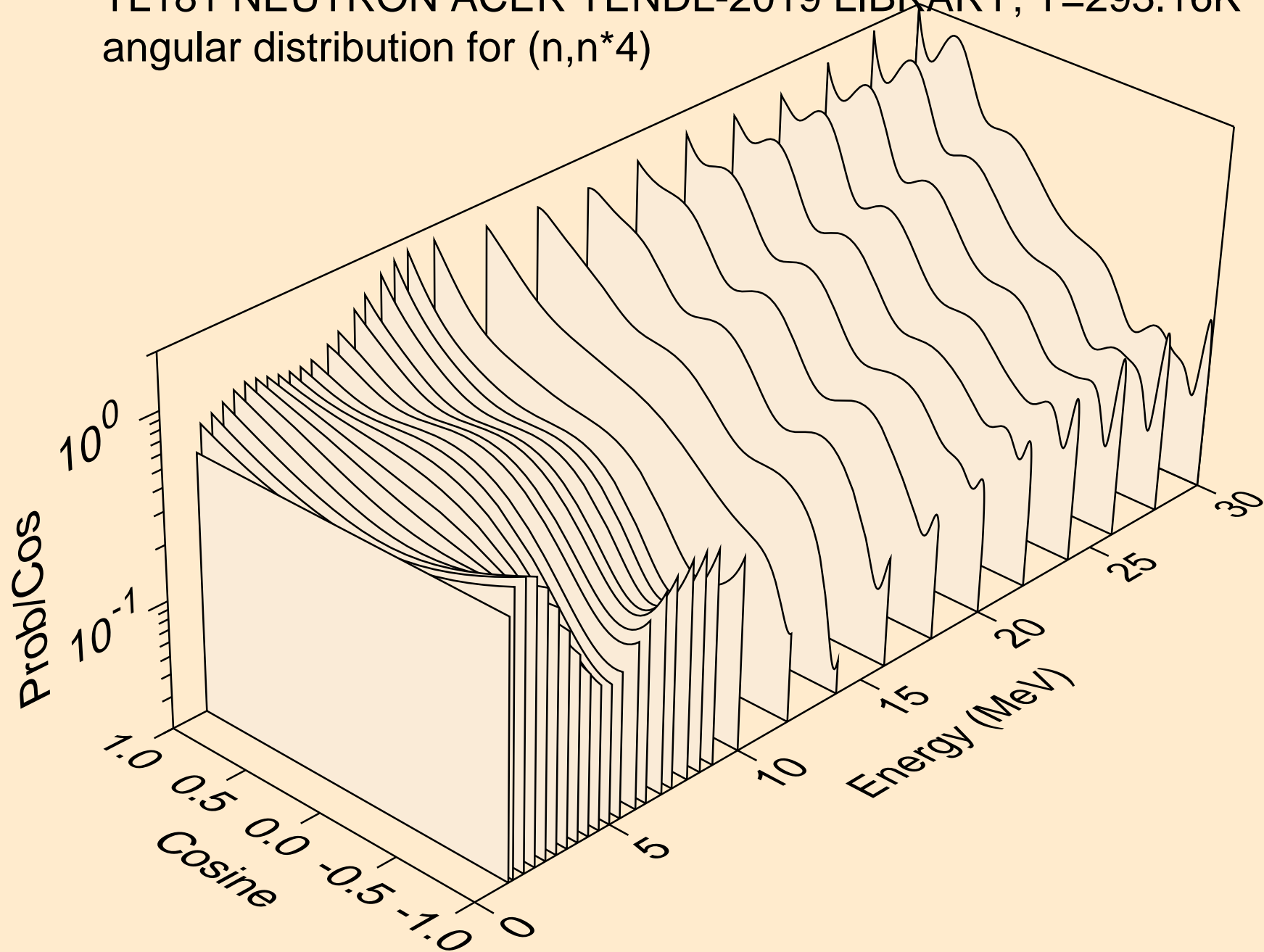
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angular distribution for (n,n*2)



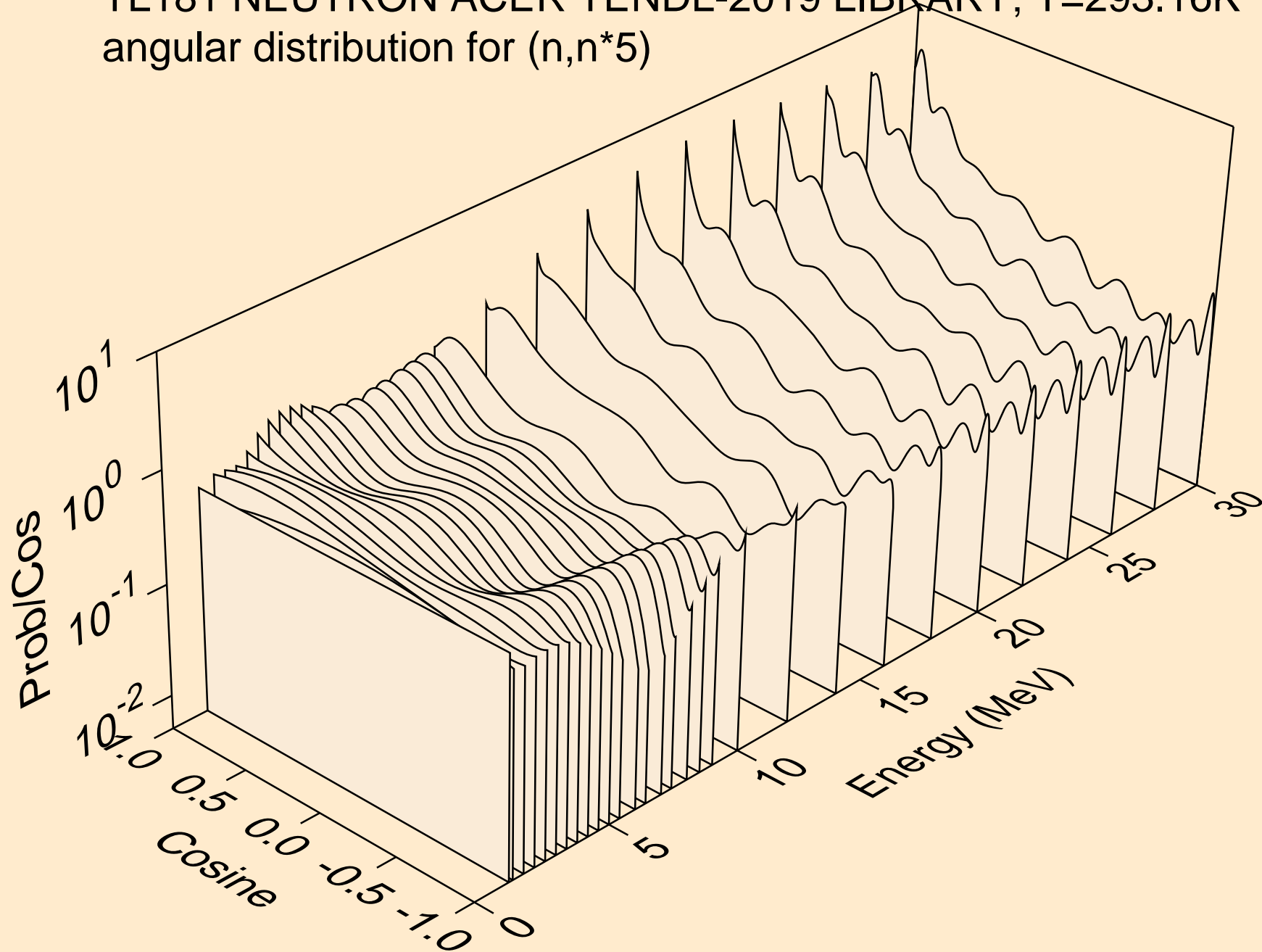
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angular distribution for (n,n*3)



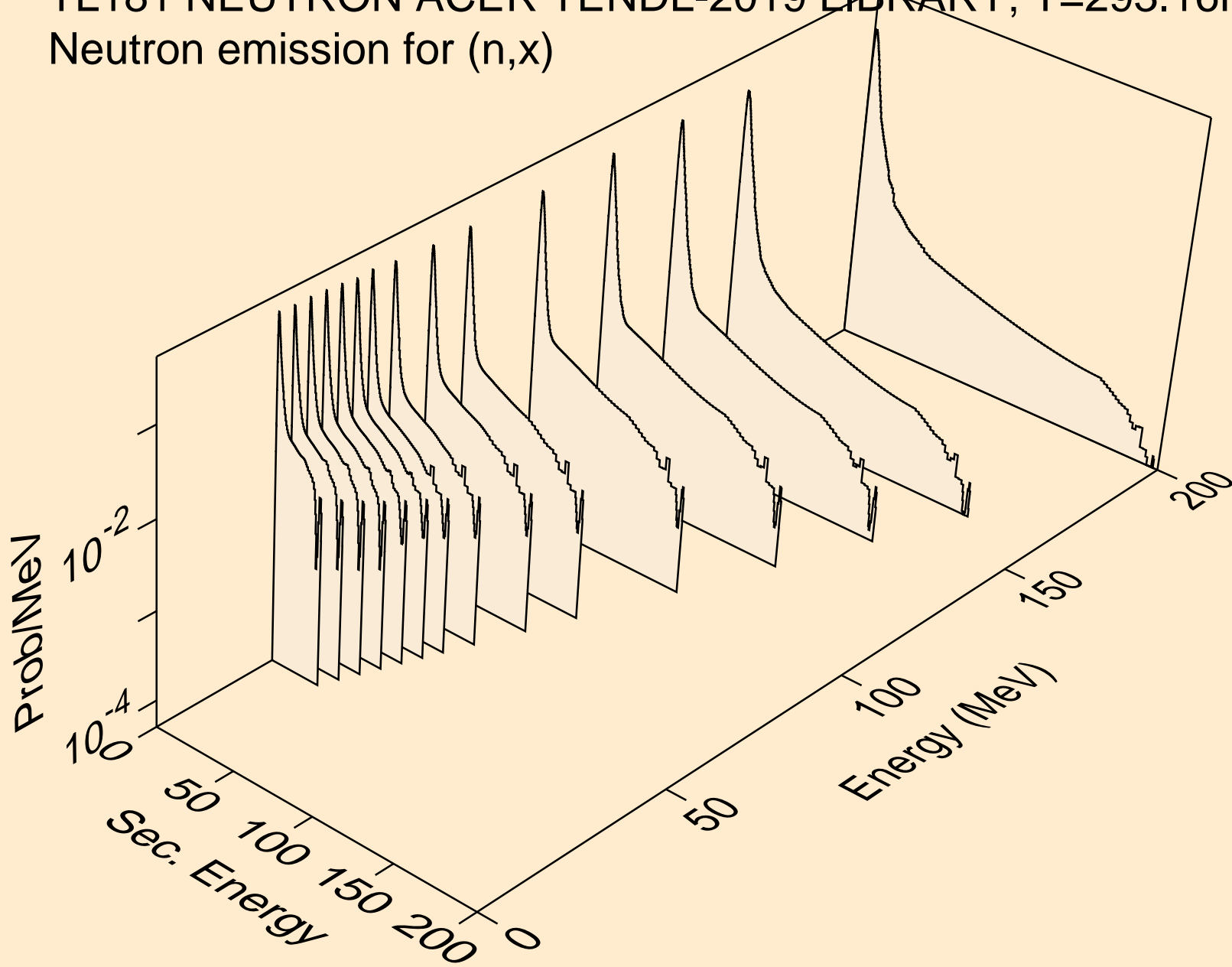
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angular distribution for (n,n*4)



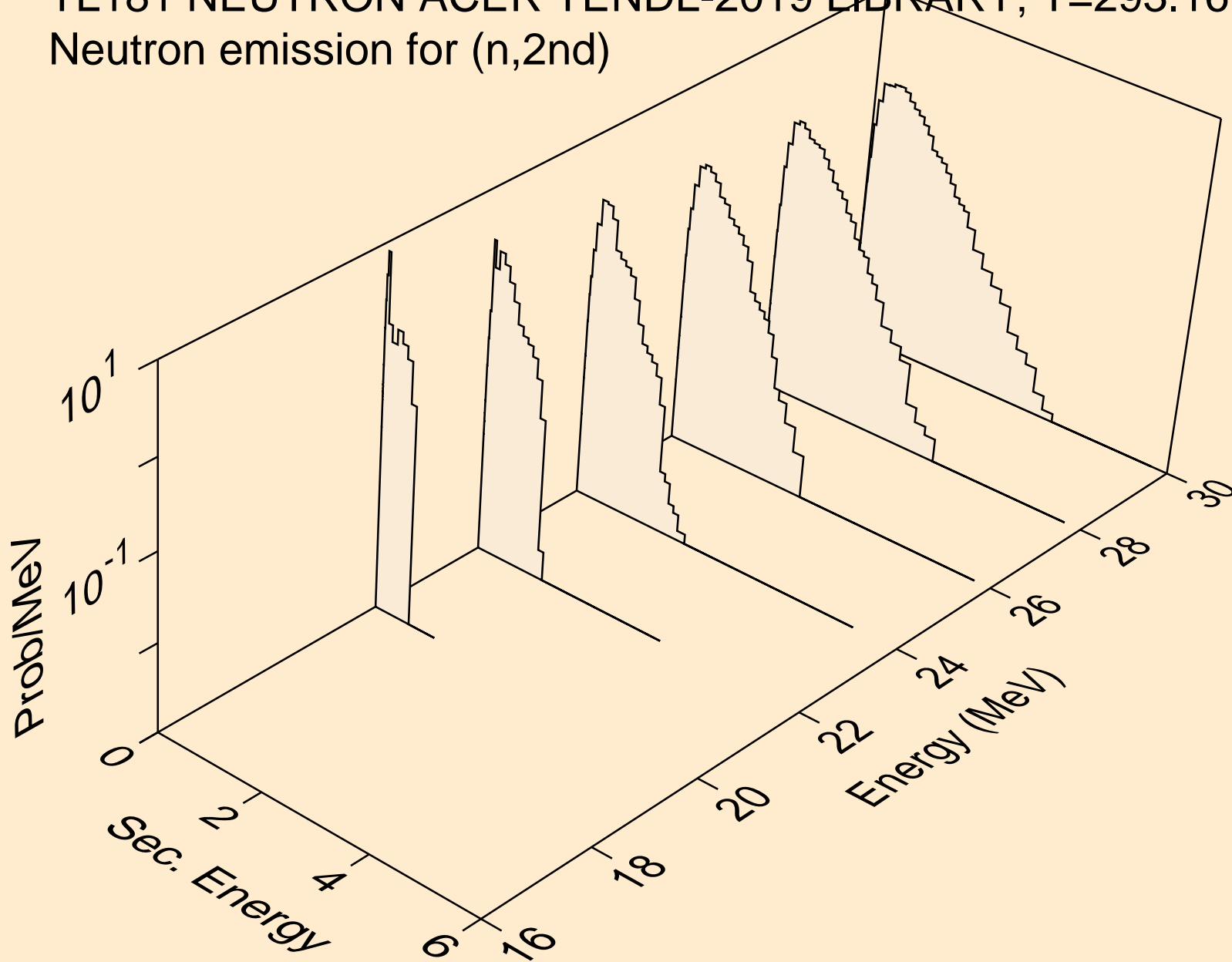
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



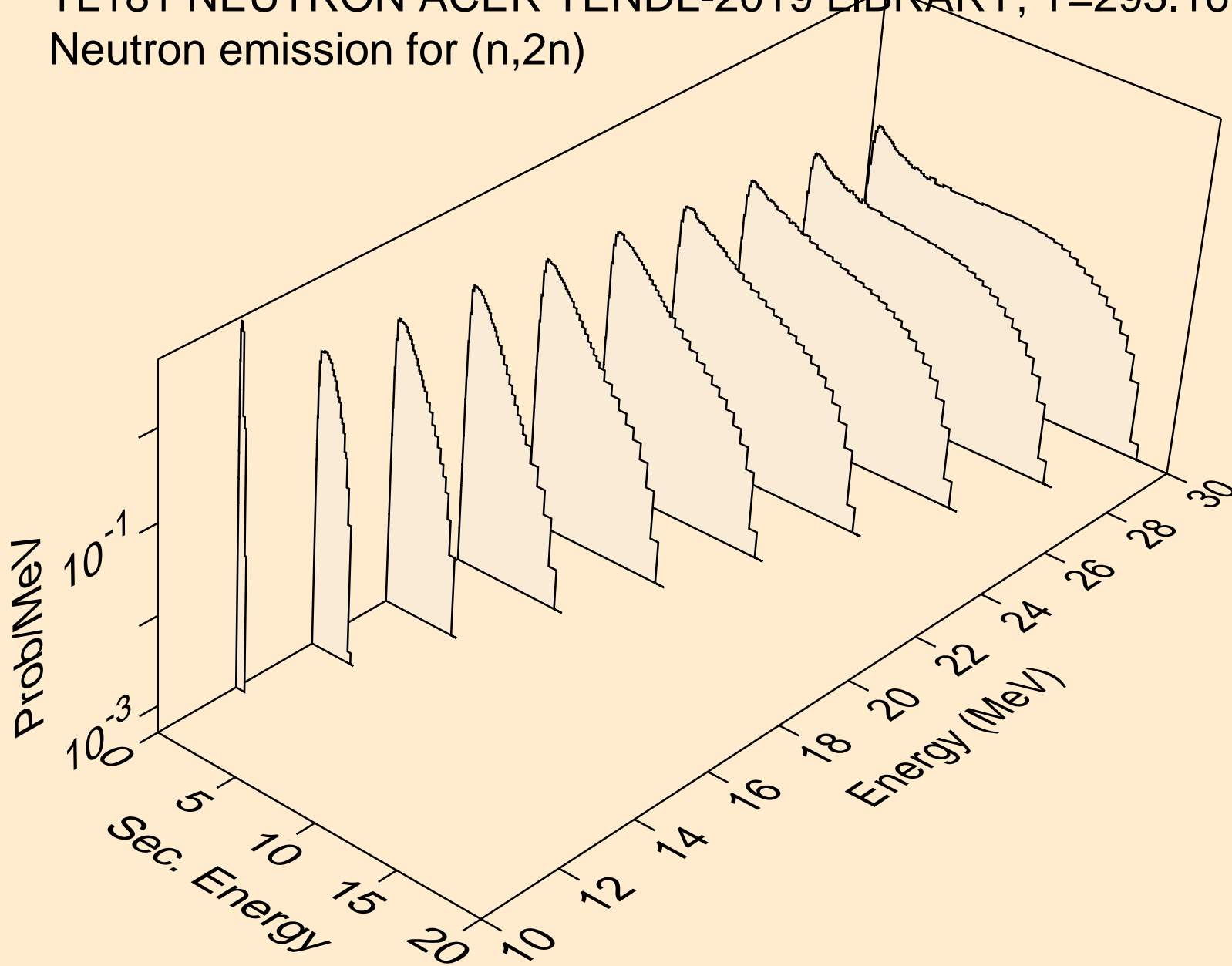
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



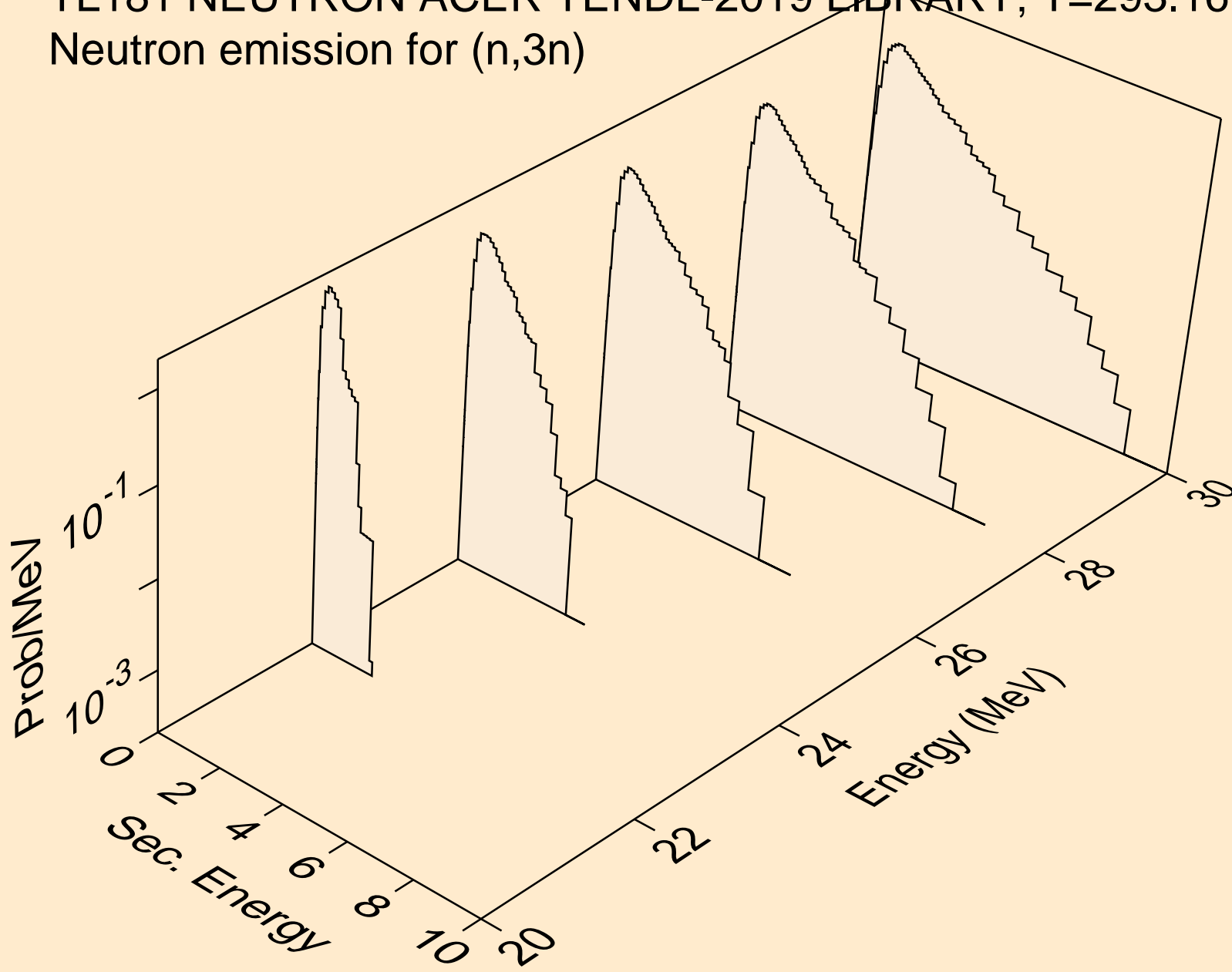
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



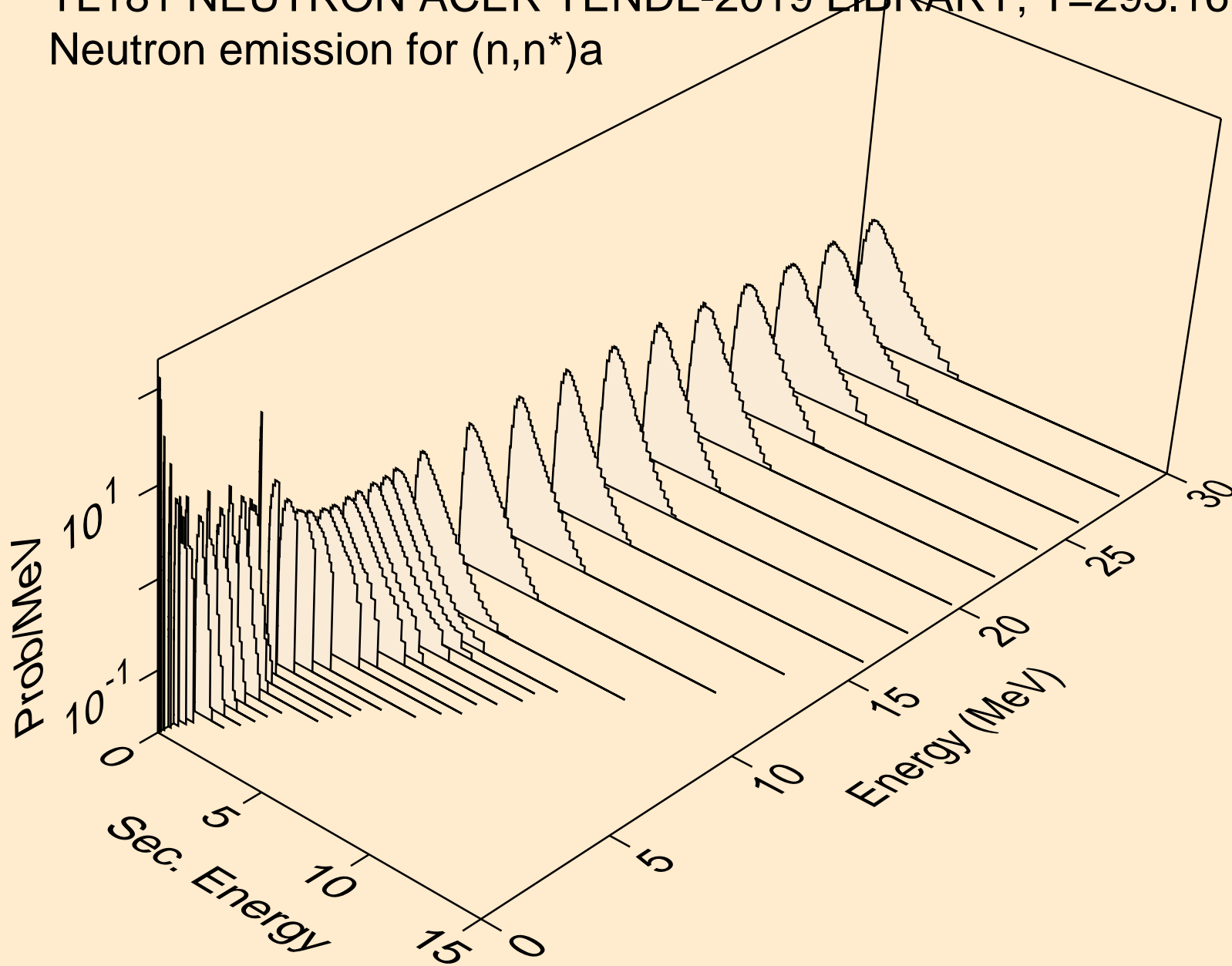
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



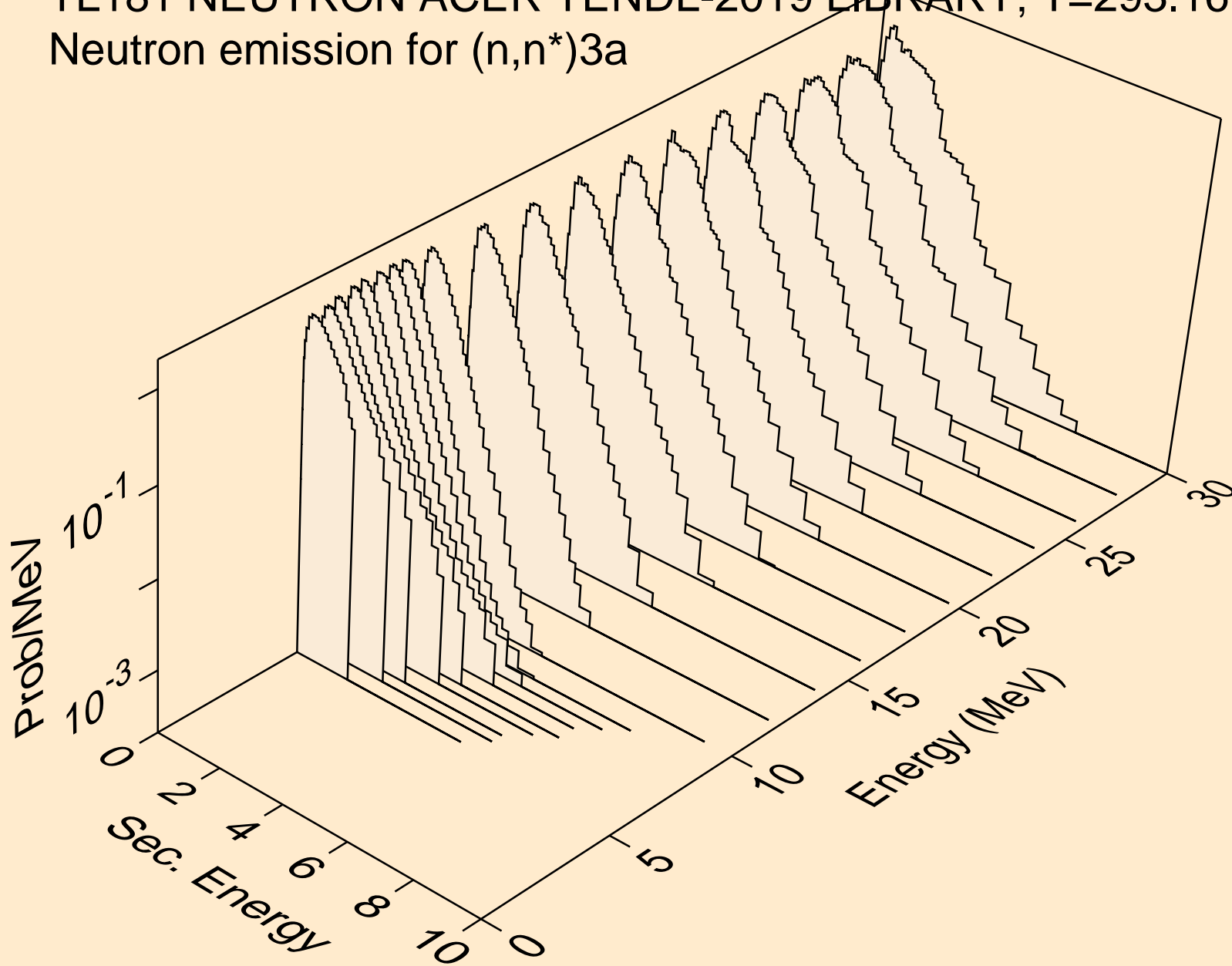
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Neutron emission for (n,3n)



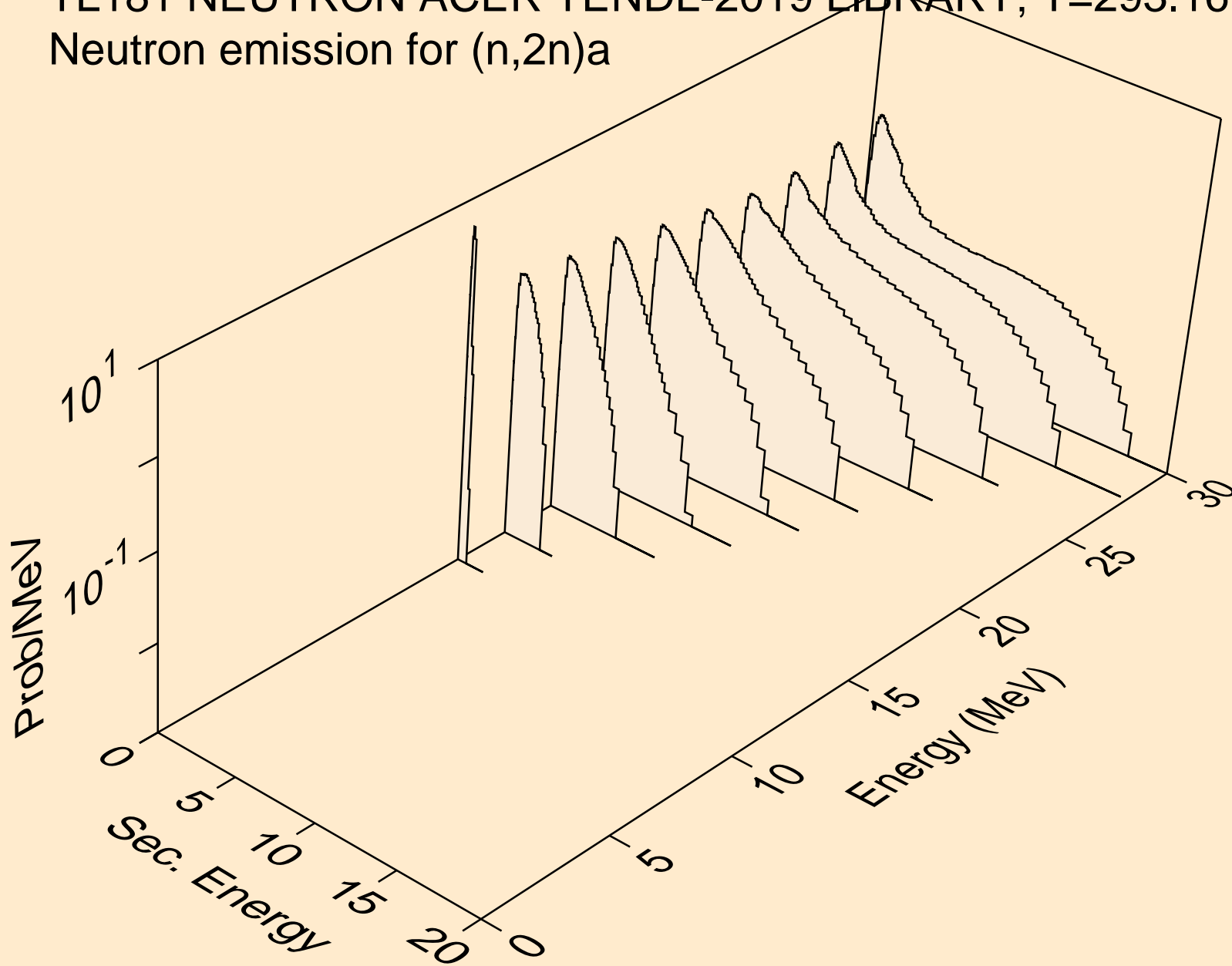
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



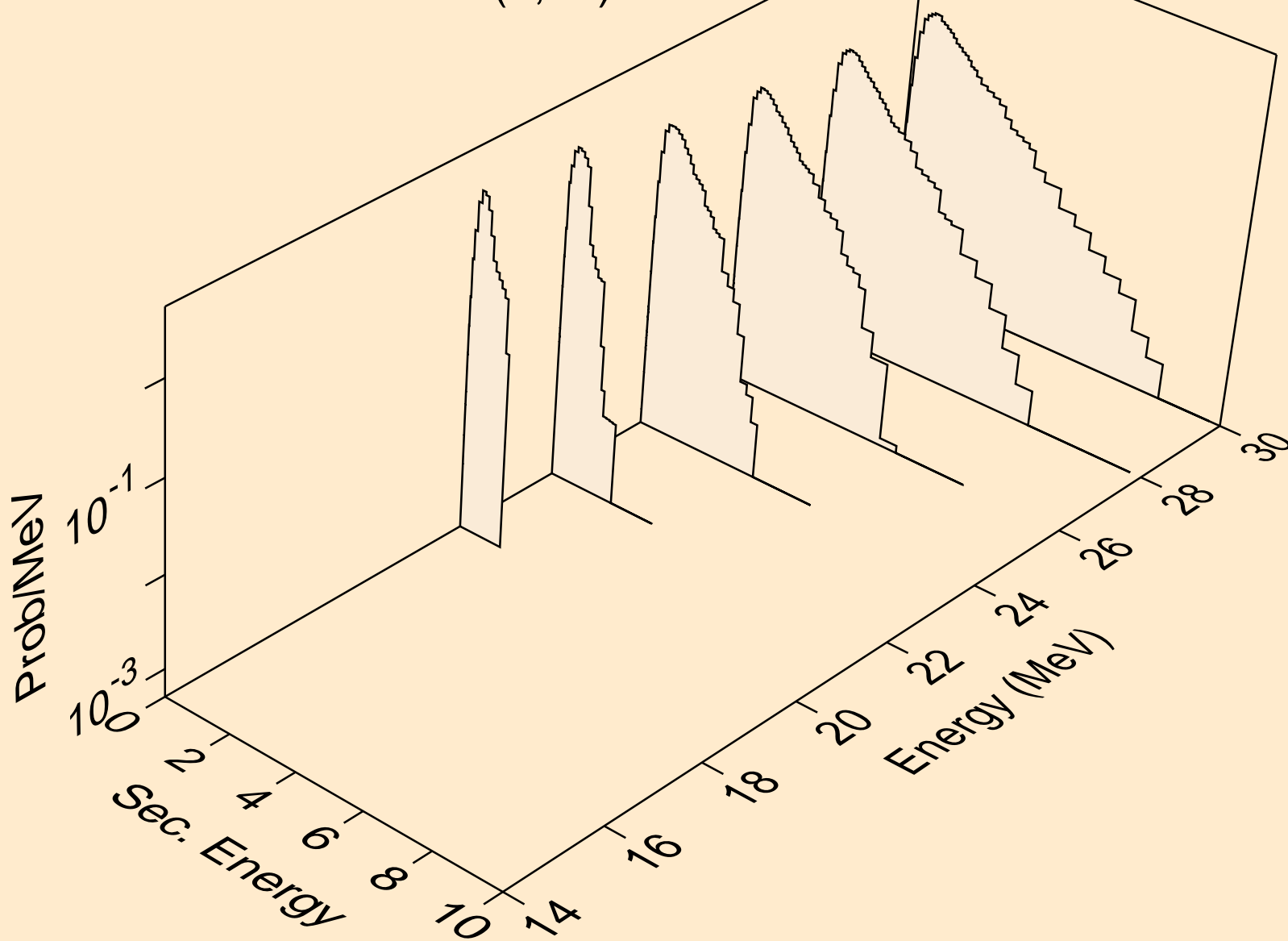
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)3a



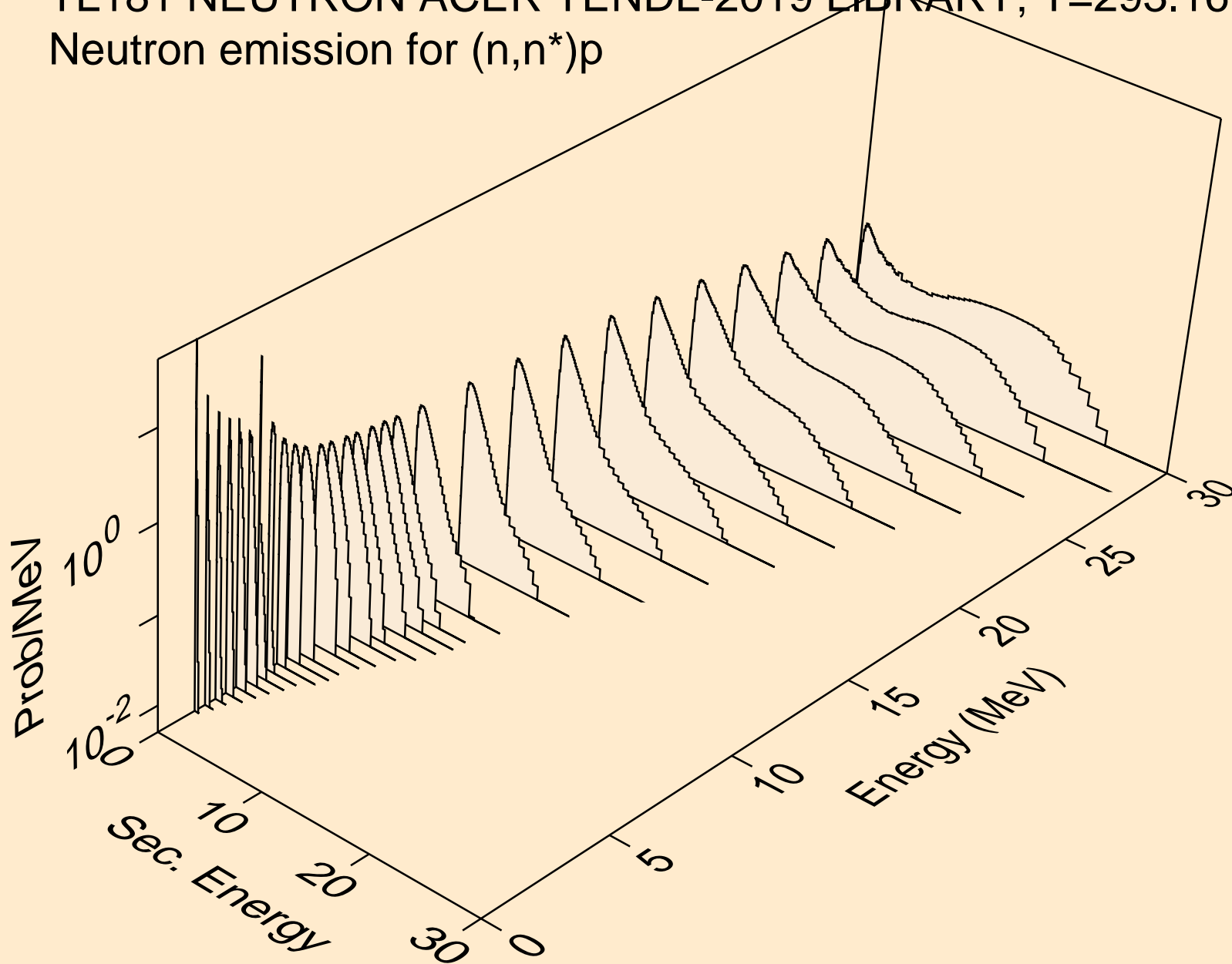
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Neutron emission for (n,2n)a



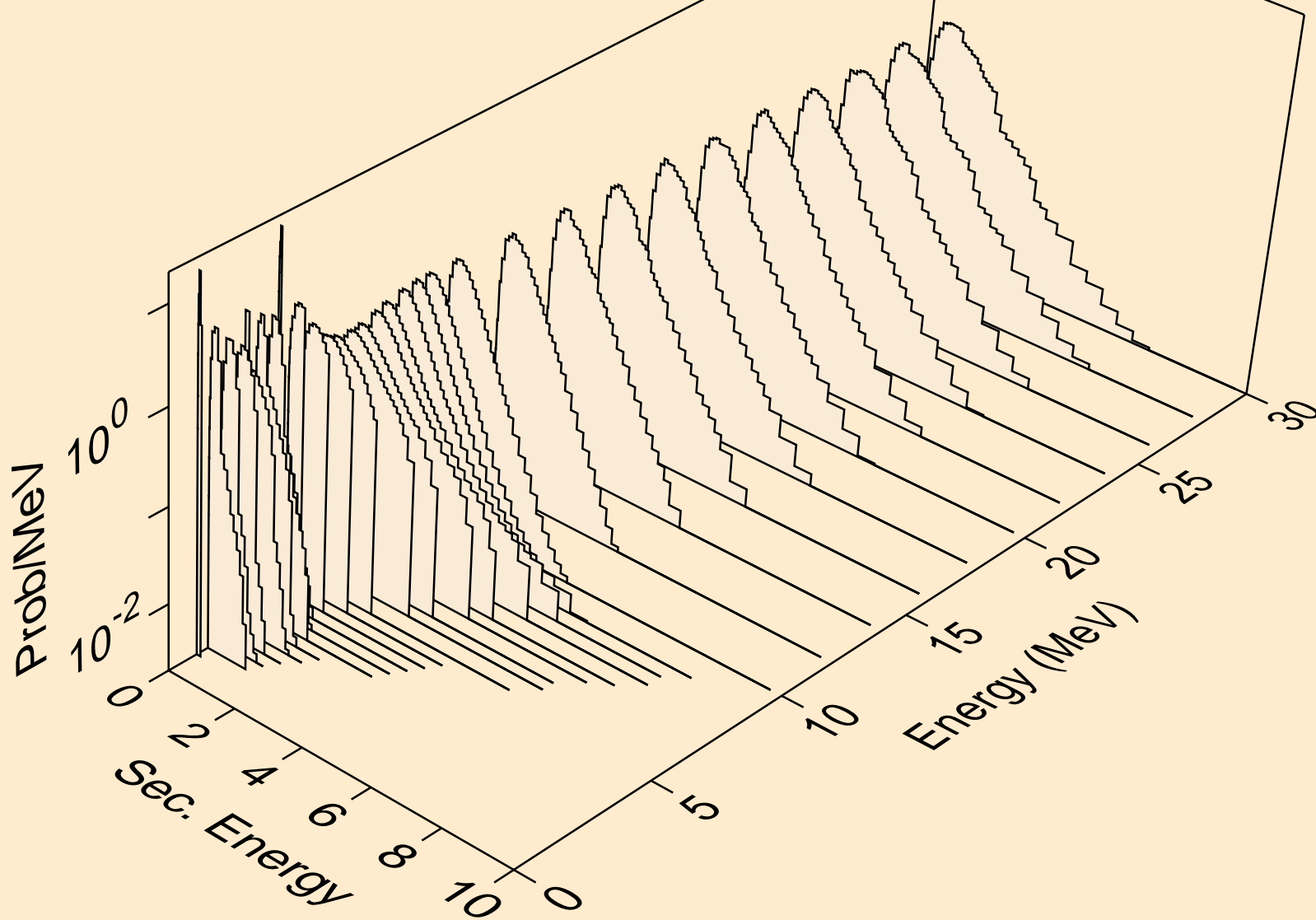
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



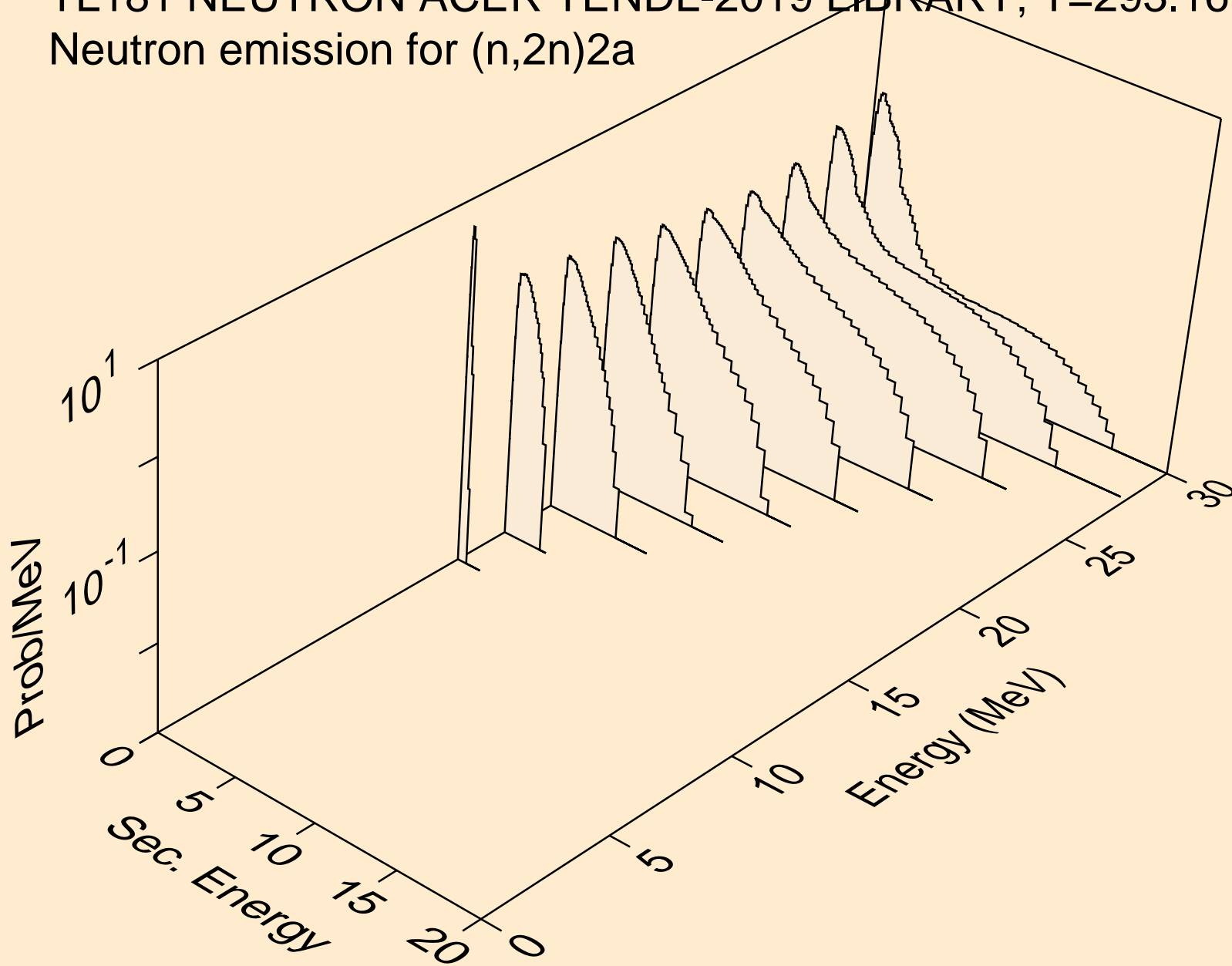
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



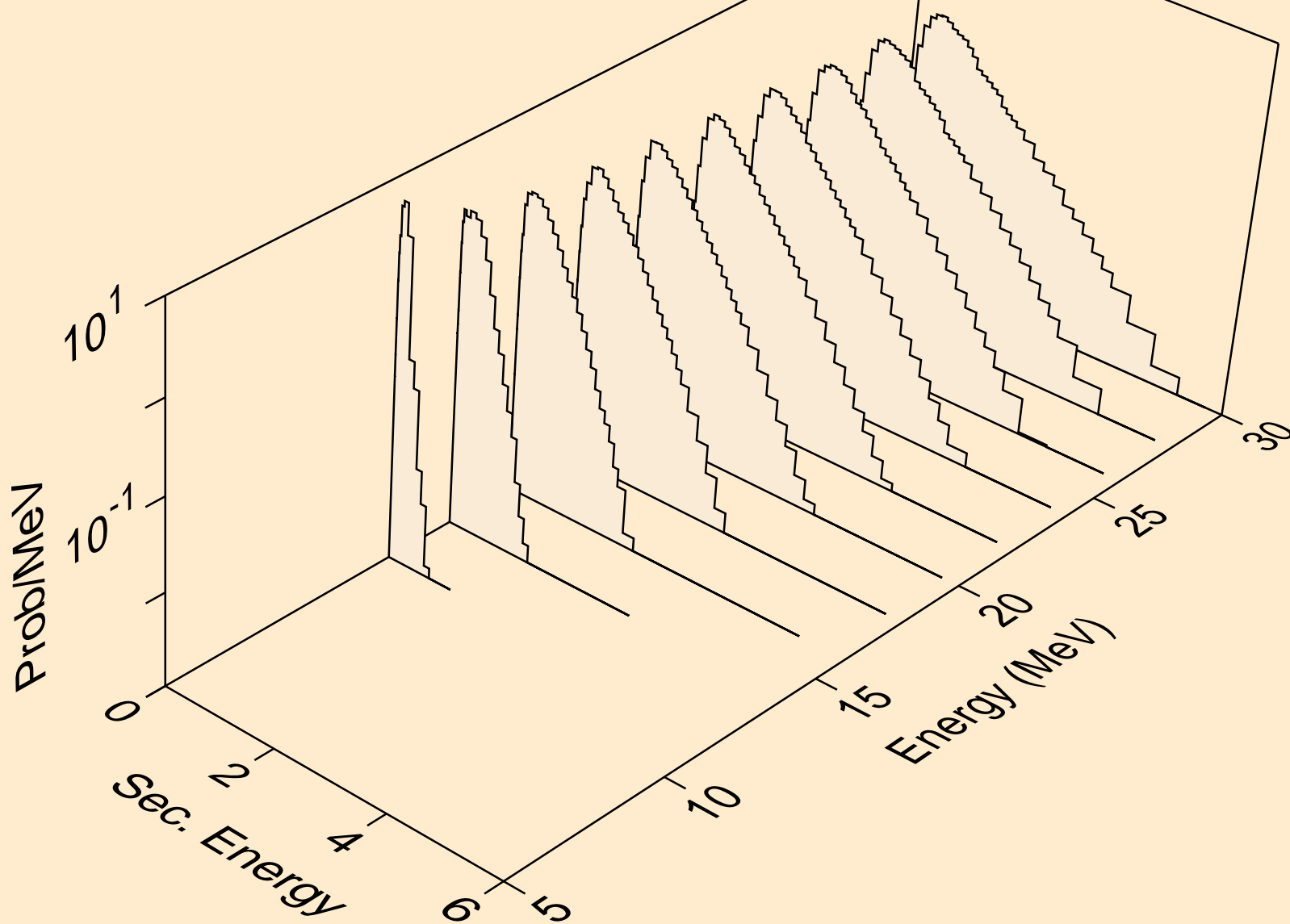
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



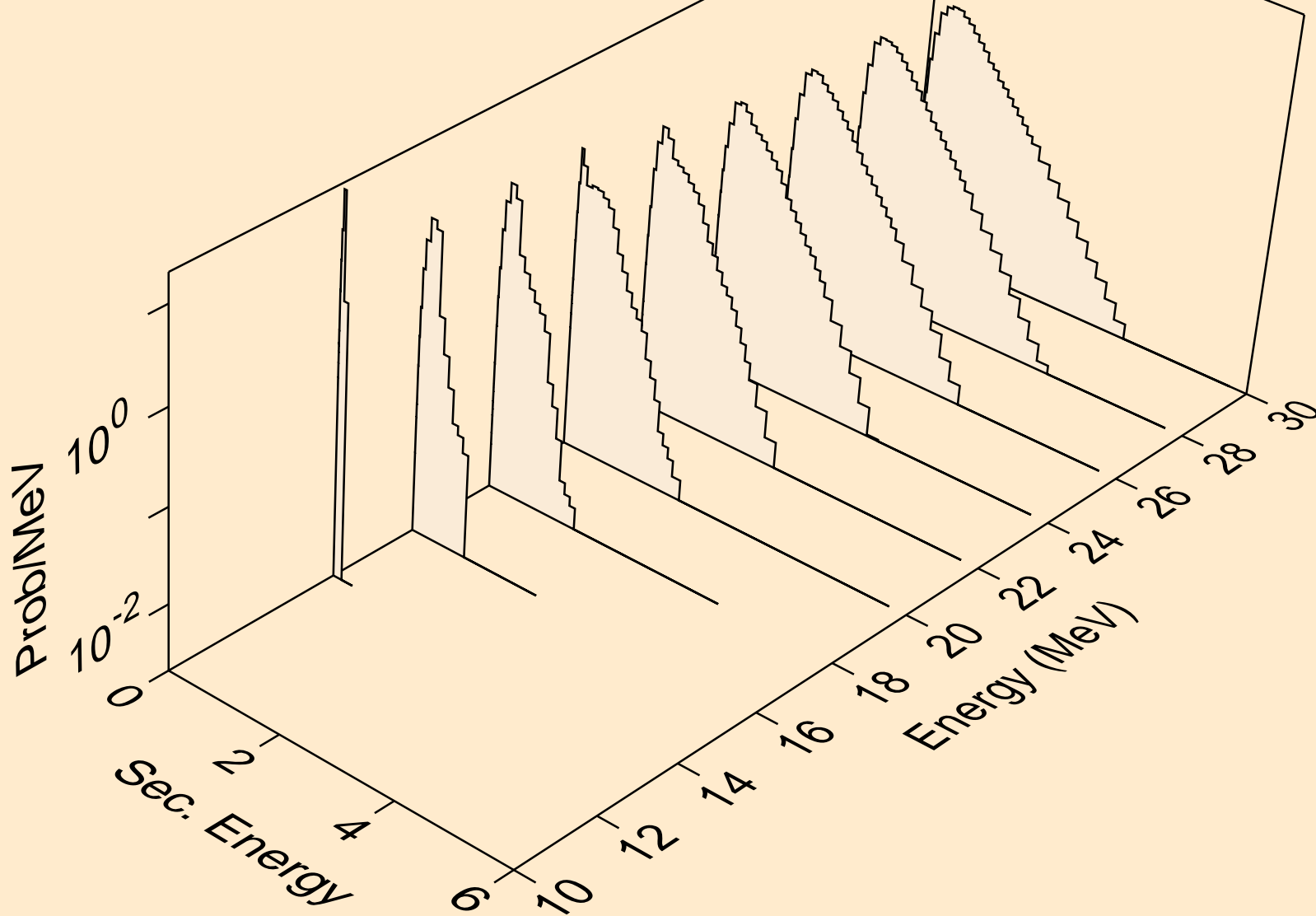
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



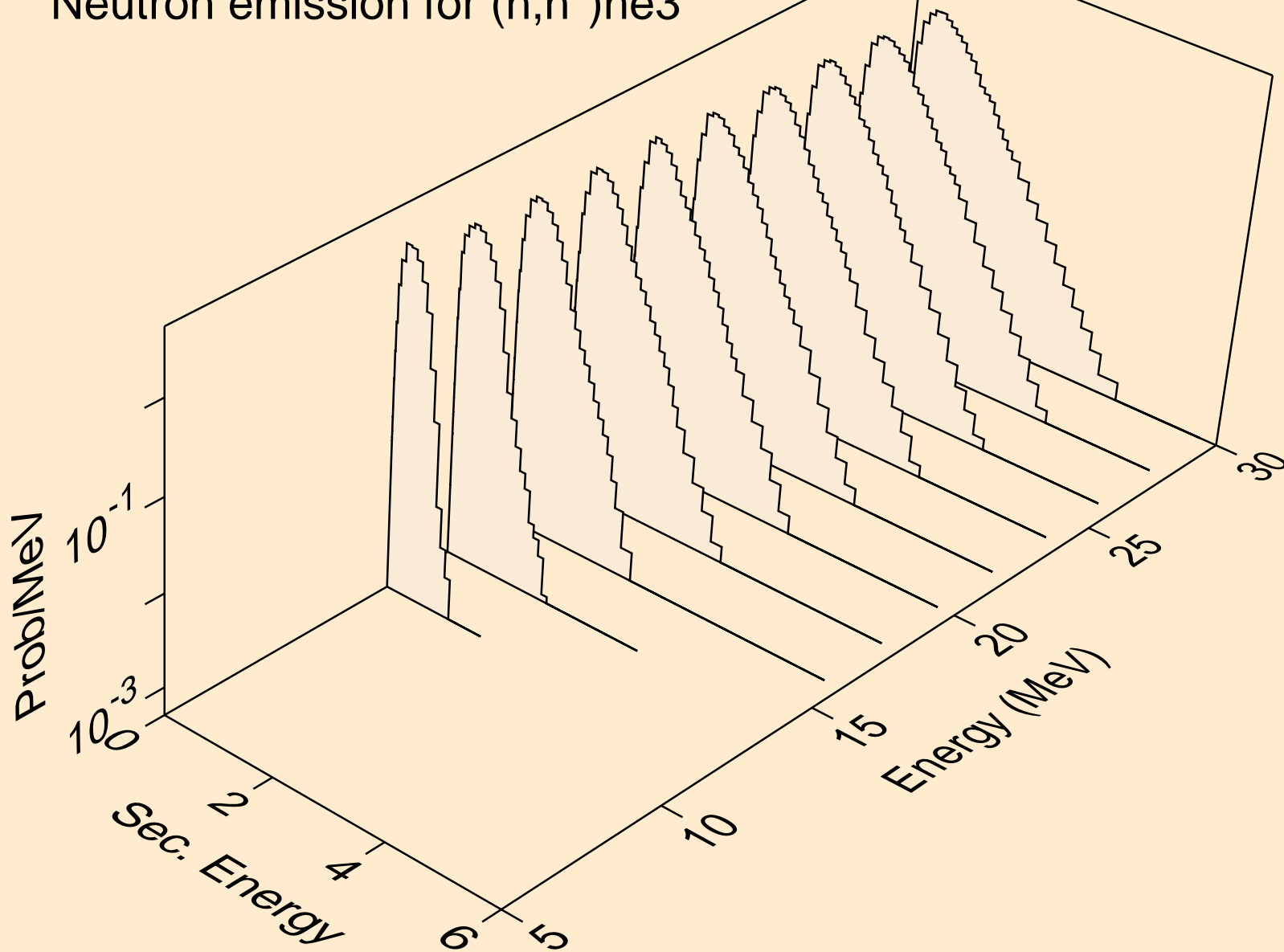
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



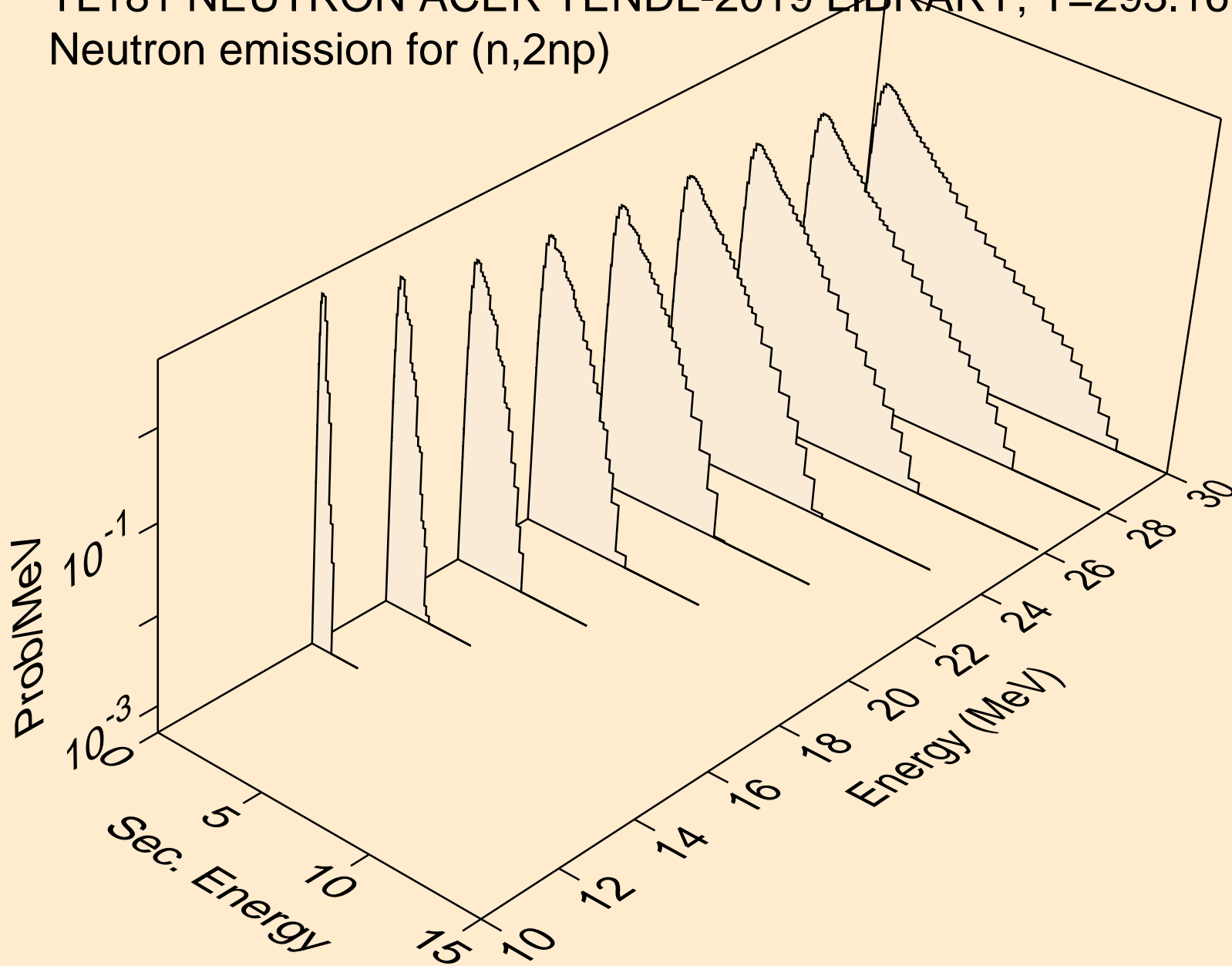
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



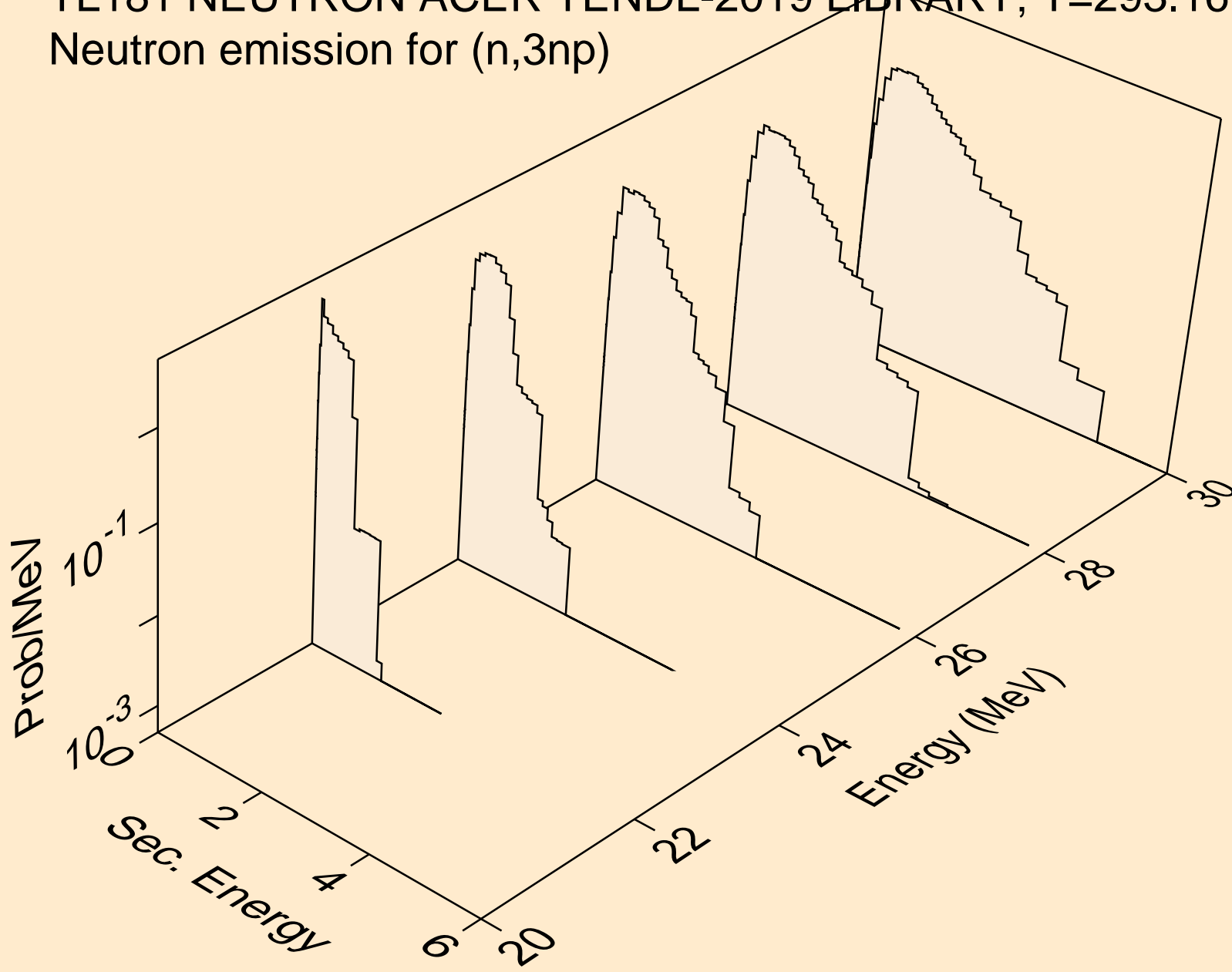
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



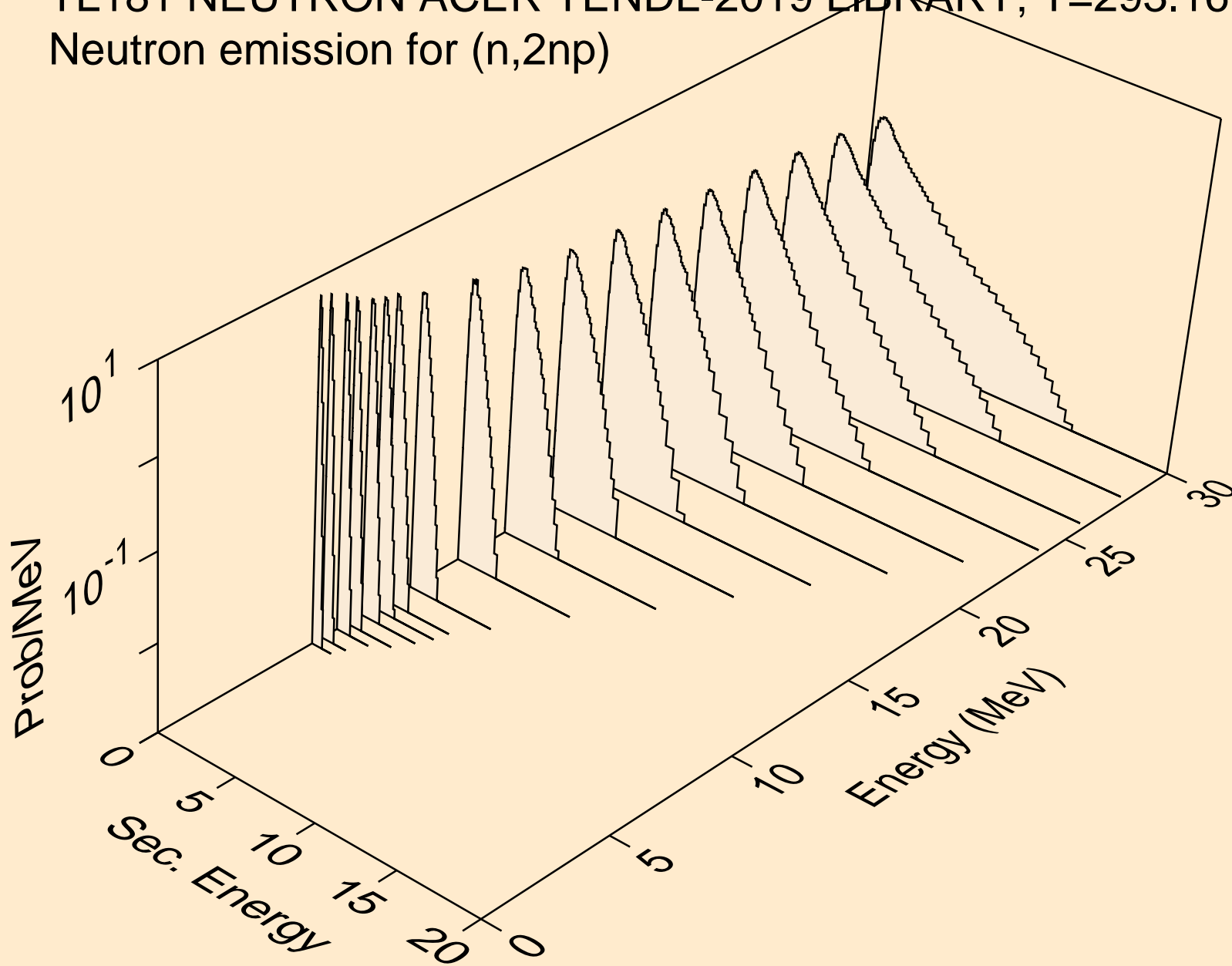
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



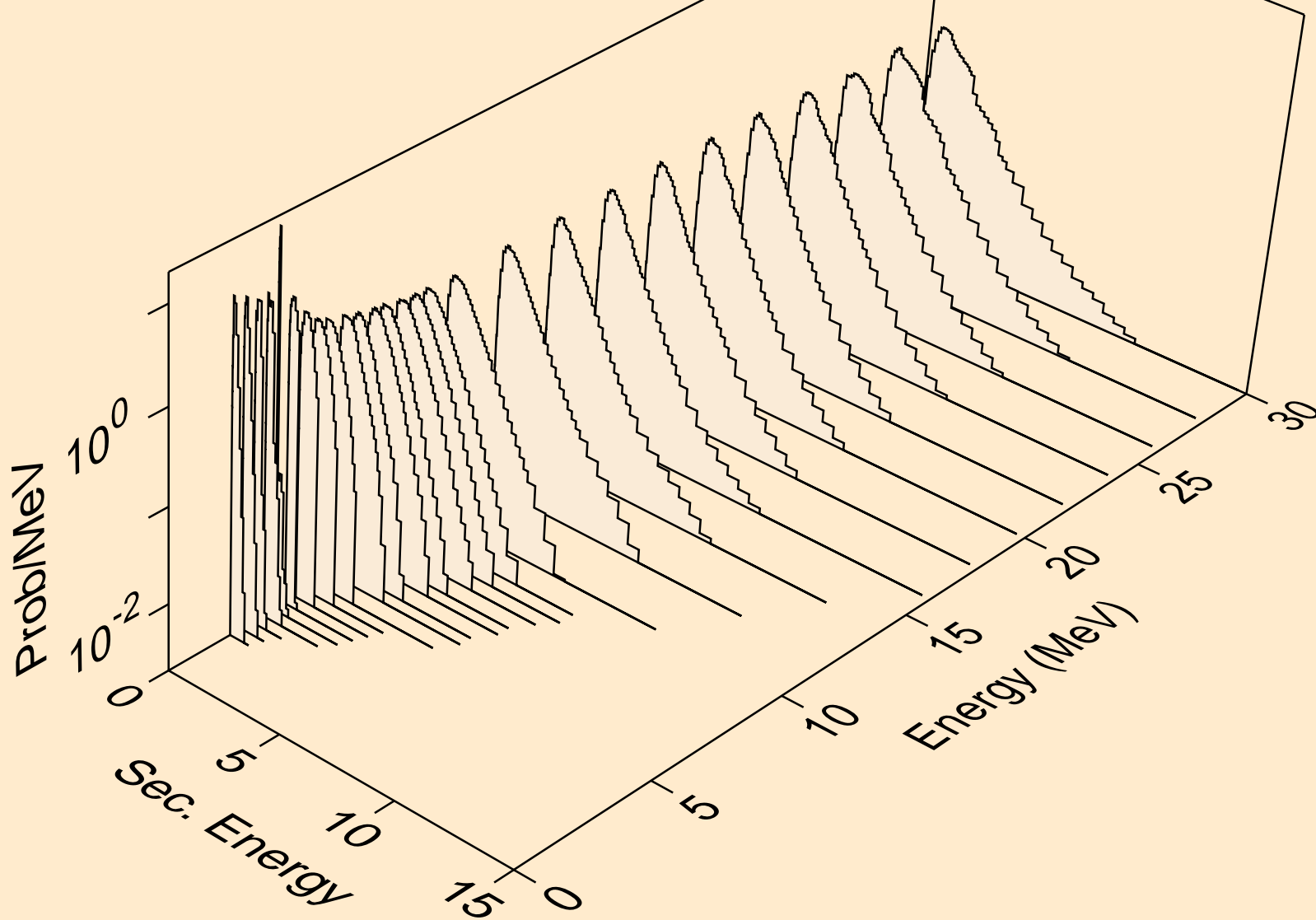
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



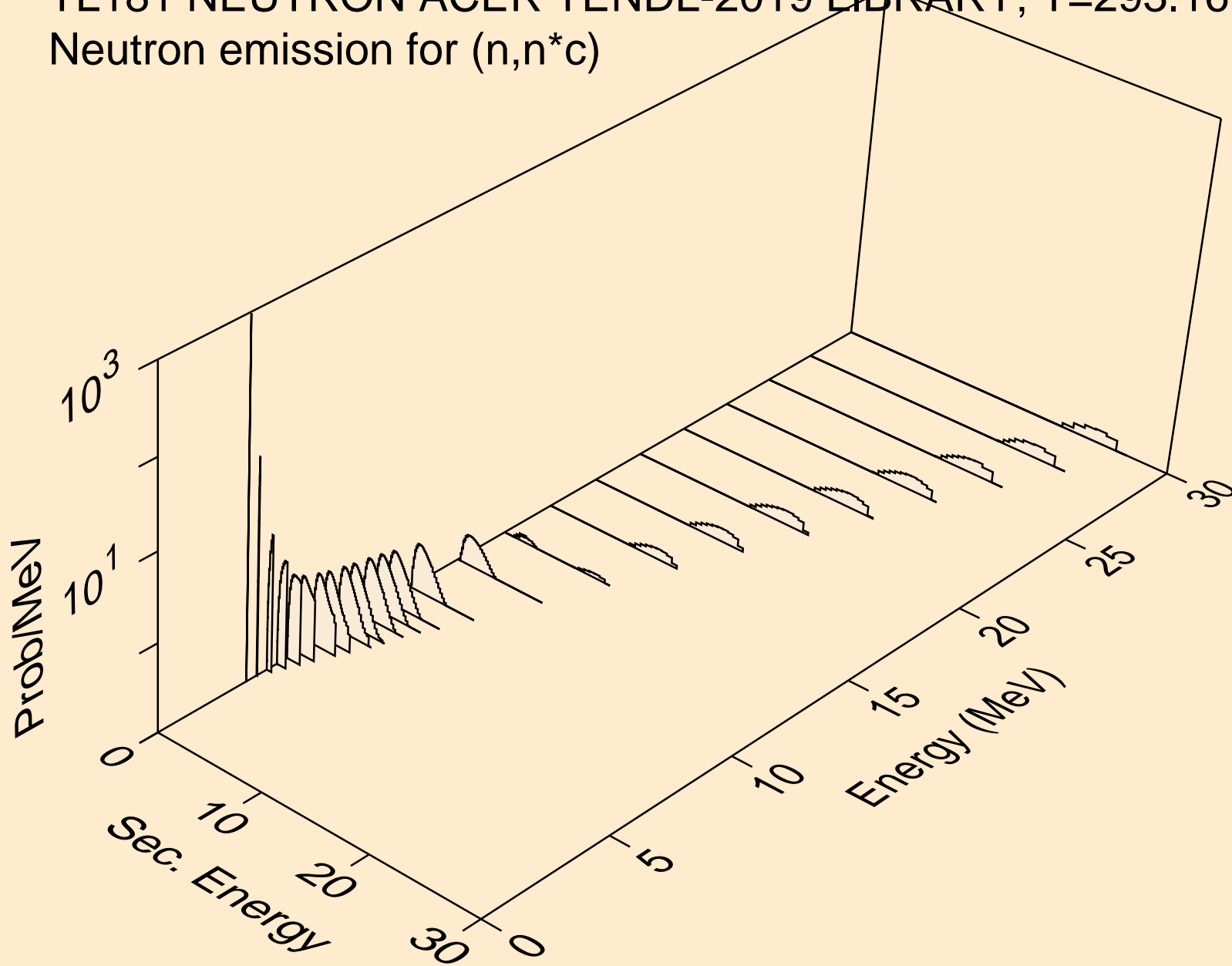
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Neutron emission for (n,2np)



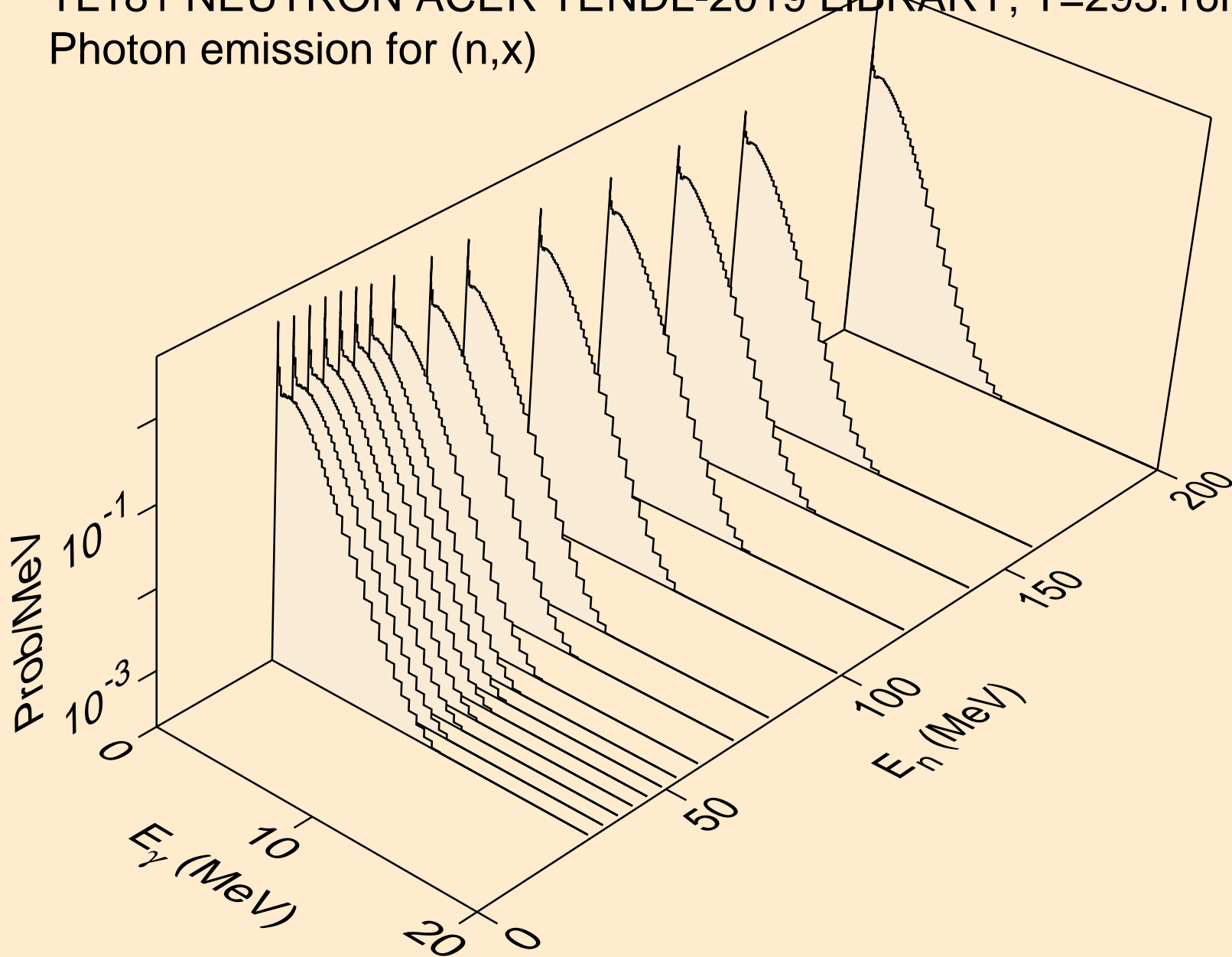
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



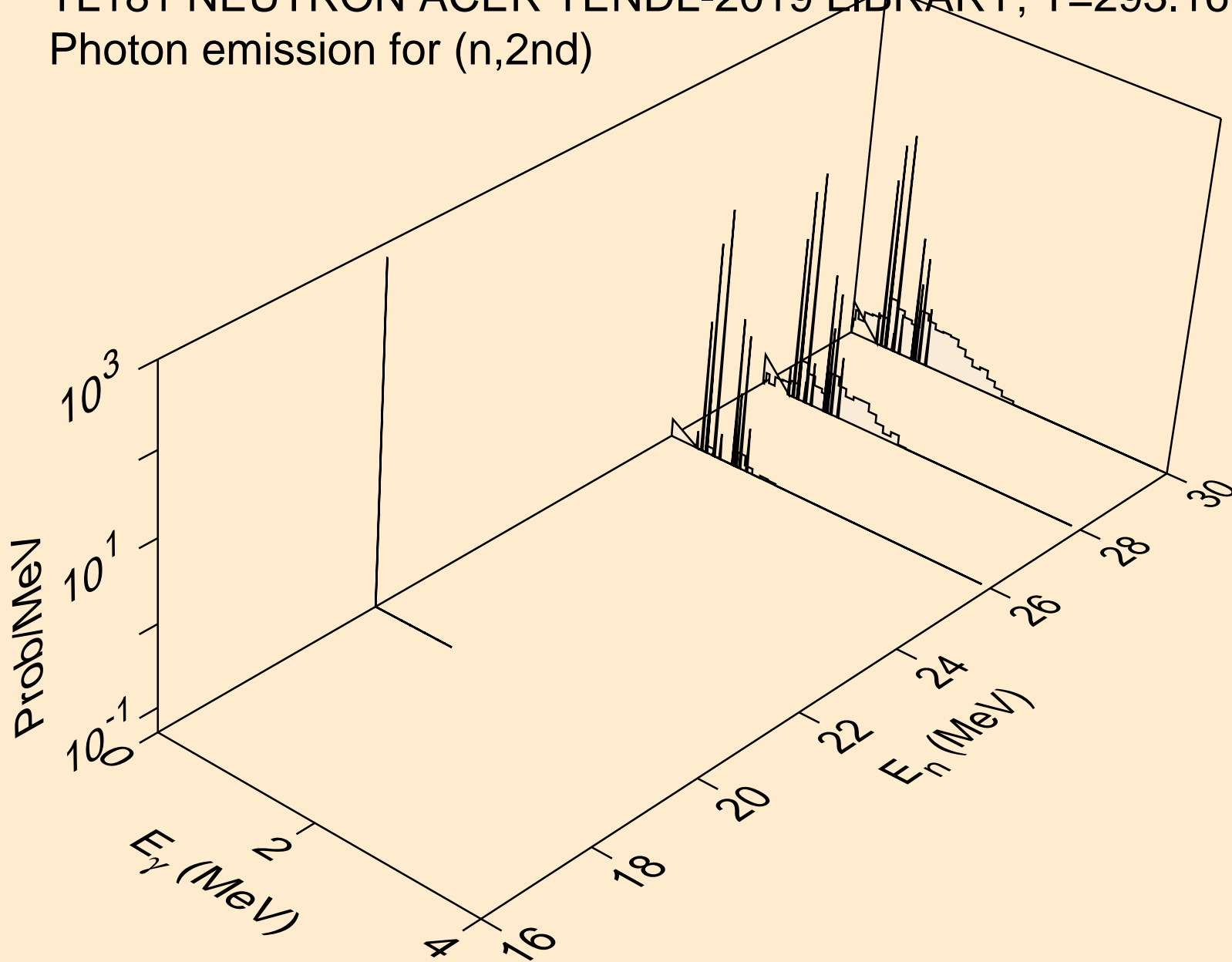
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Neutron emission for (n,n*c)



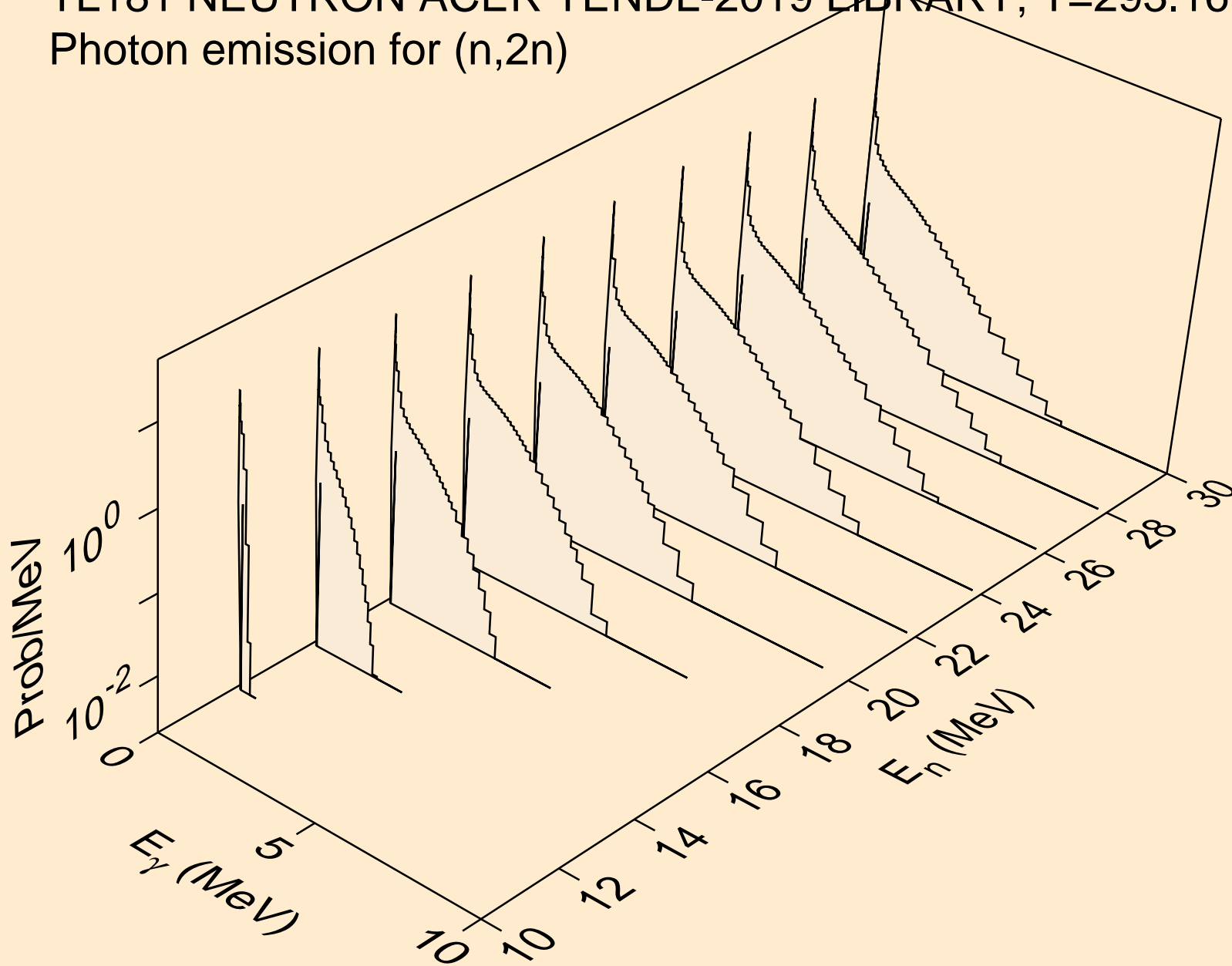
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



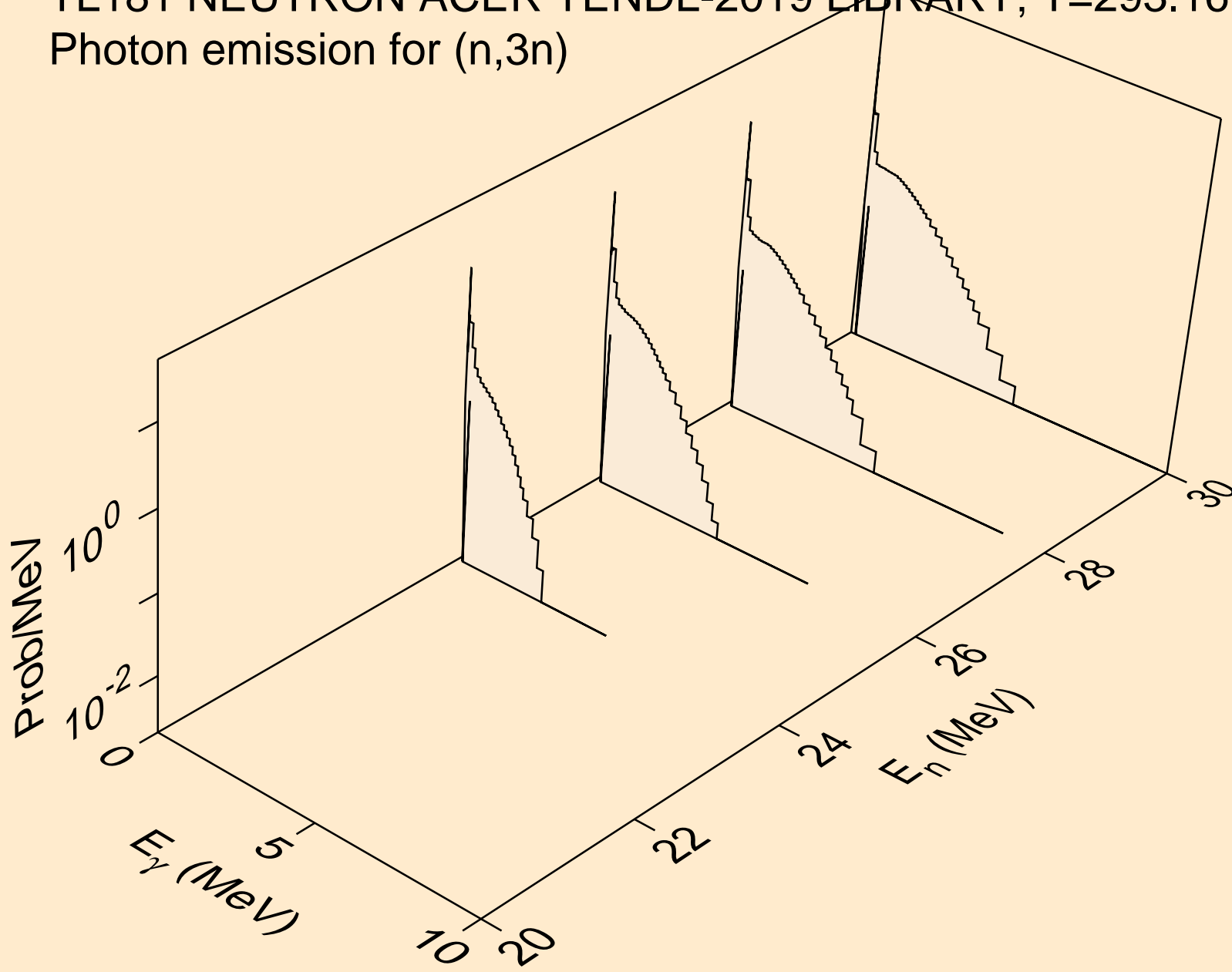
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Photon emission for (n,2nd)



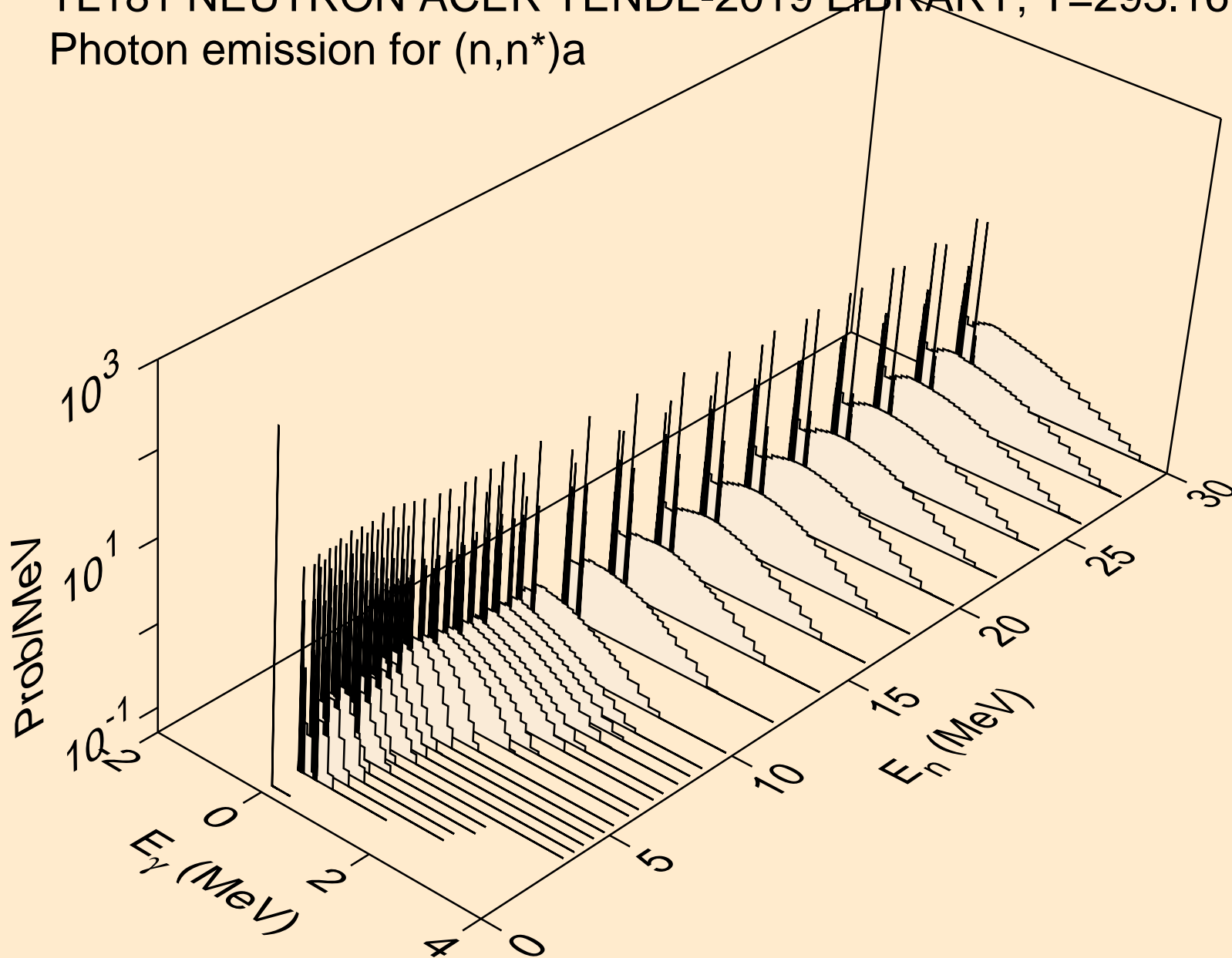
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Photon emission for (n,2n)



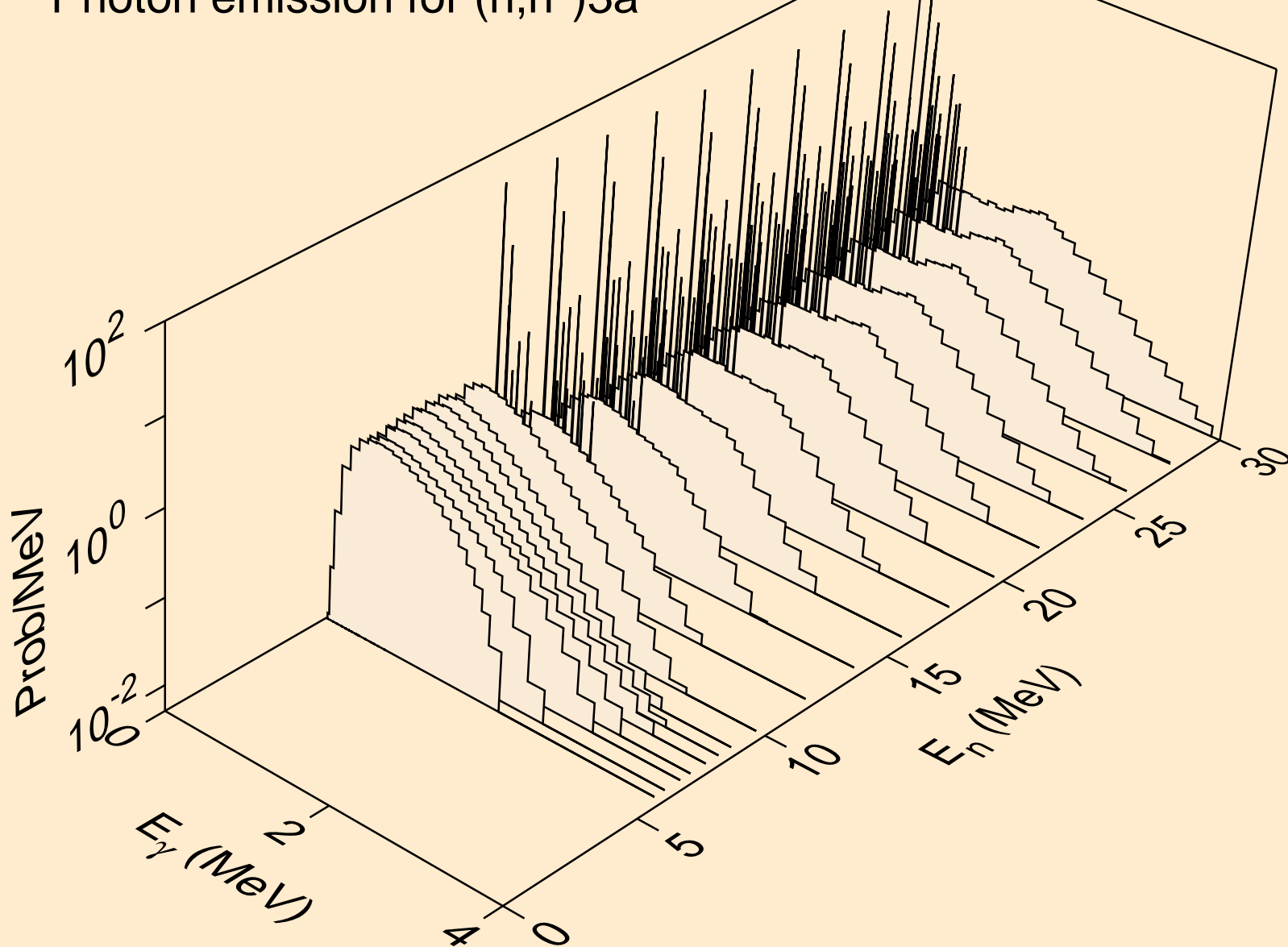
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



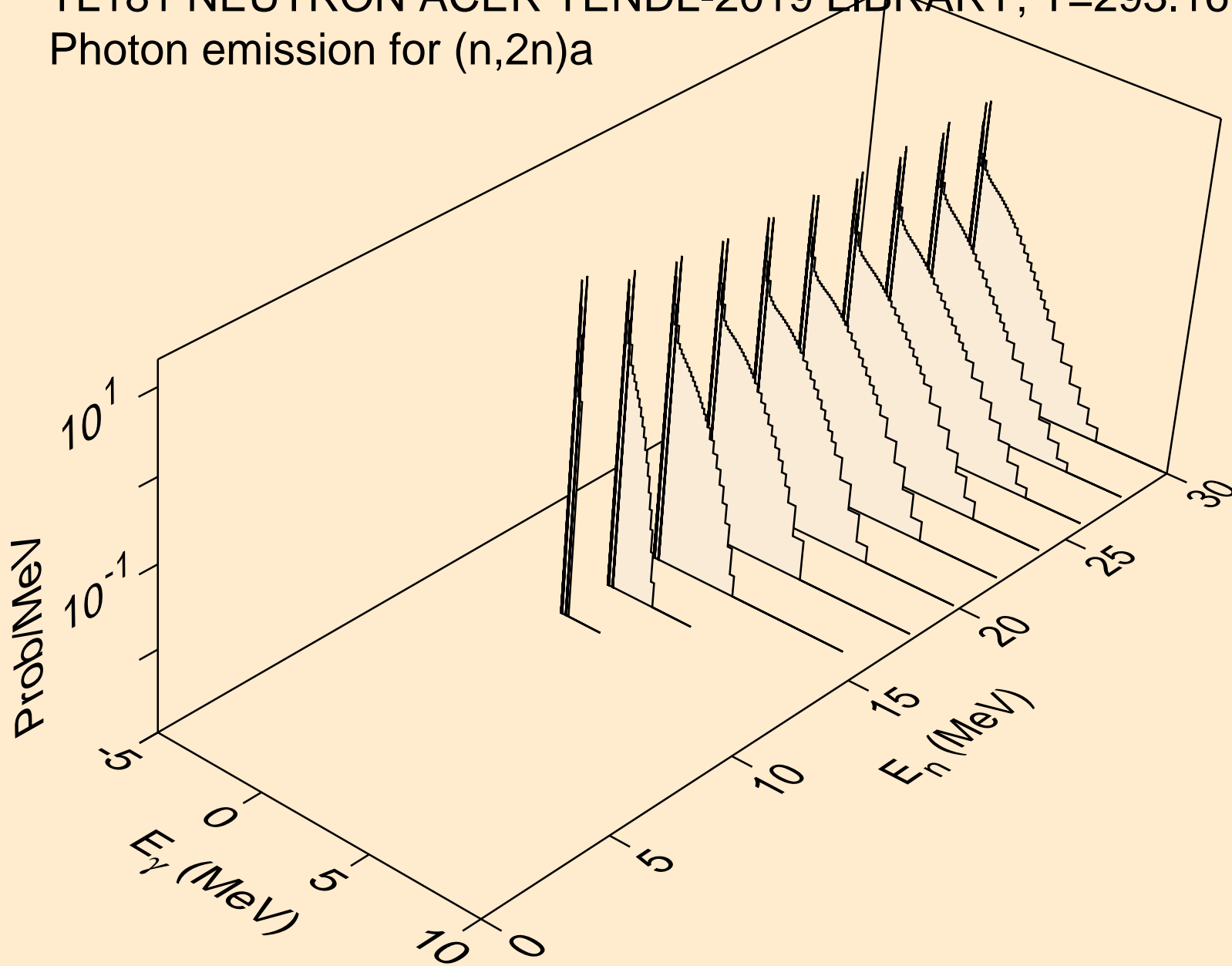
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



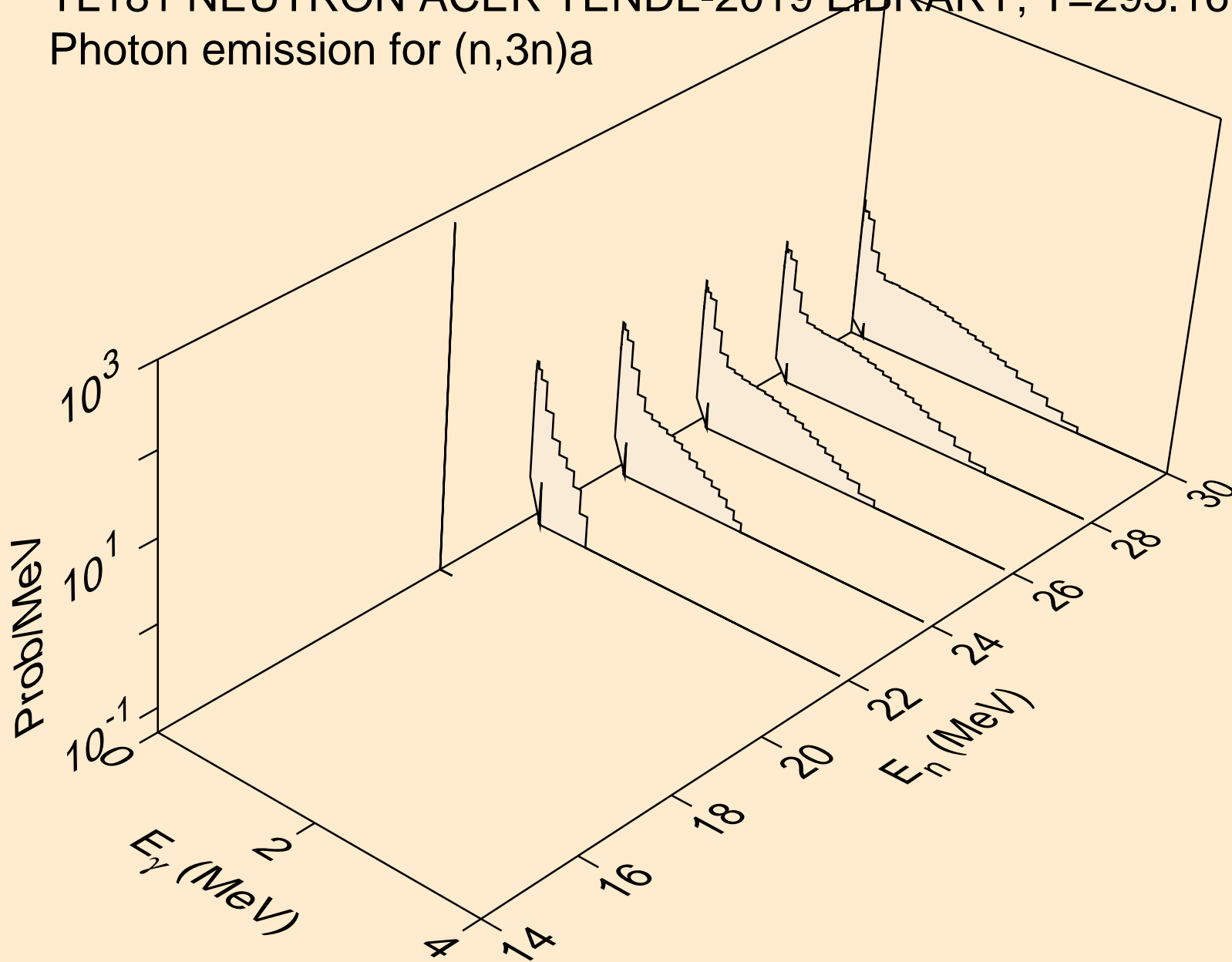
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)3a



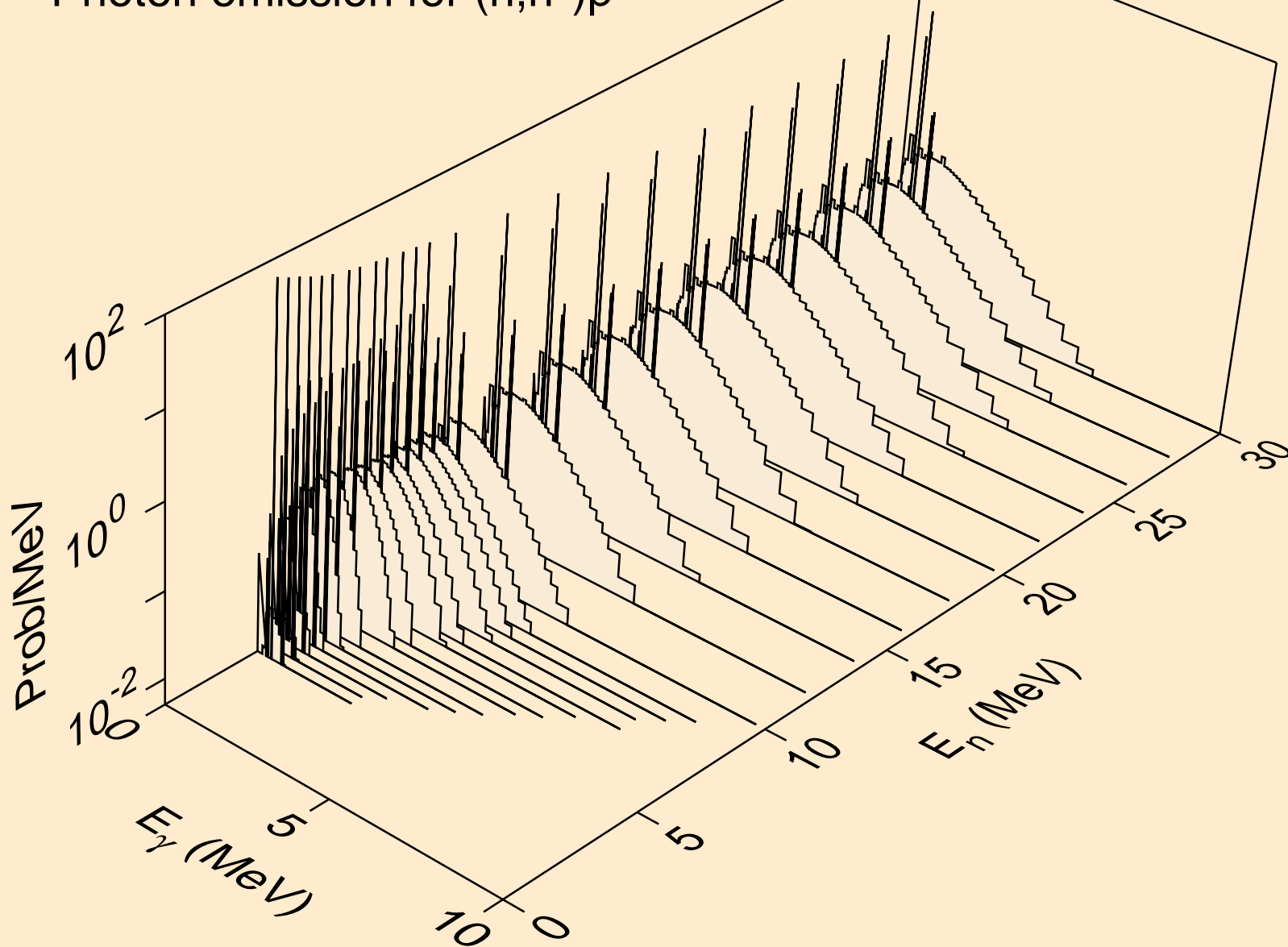
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



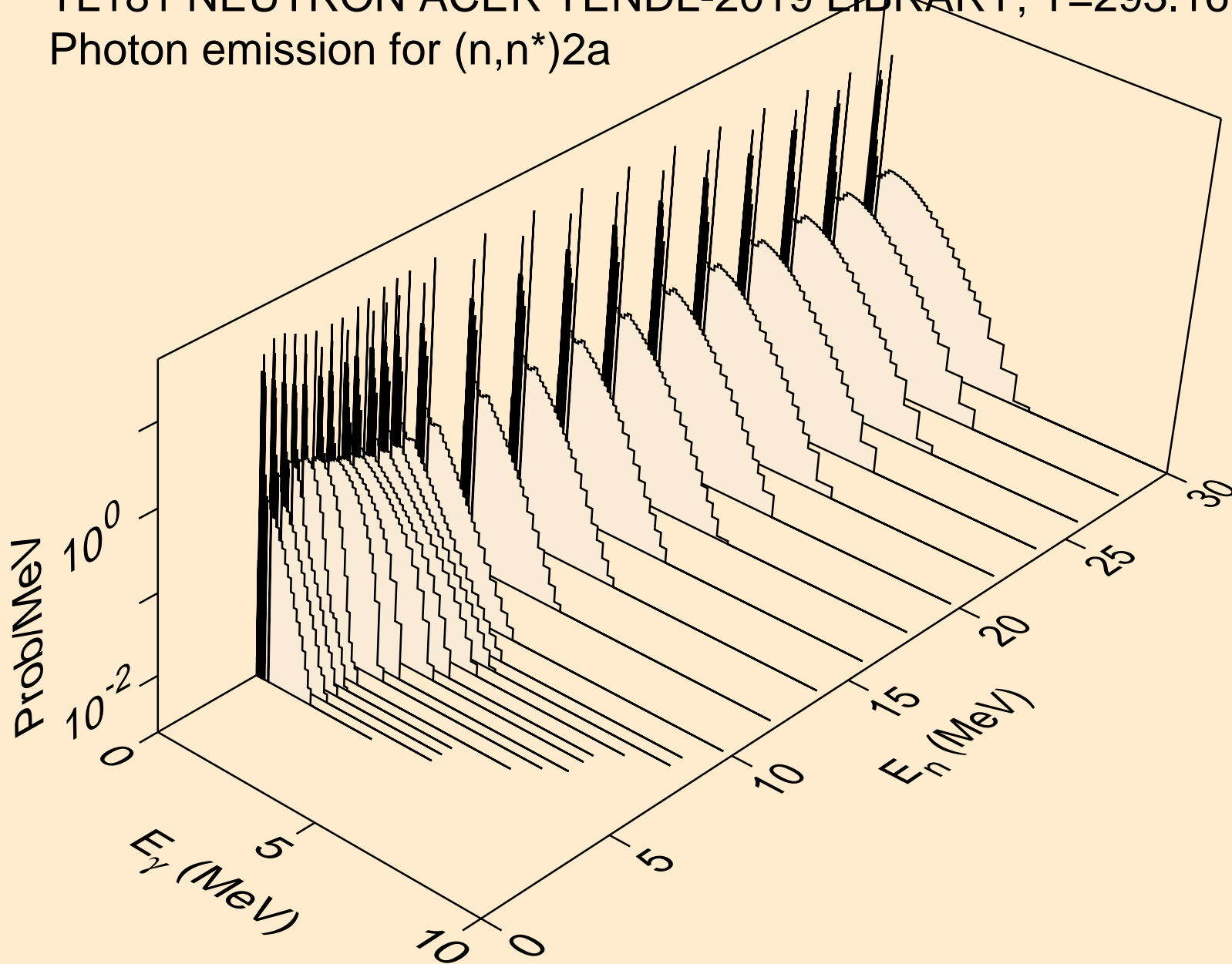
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Photon emission for (n,3n)a



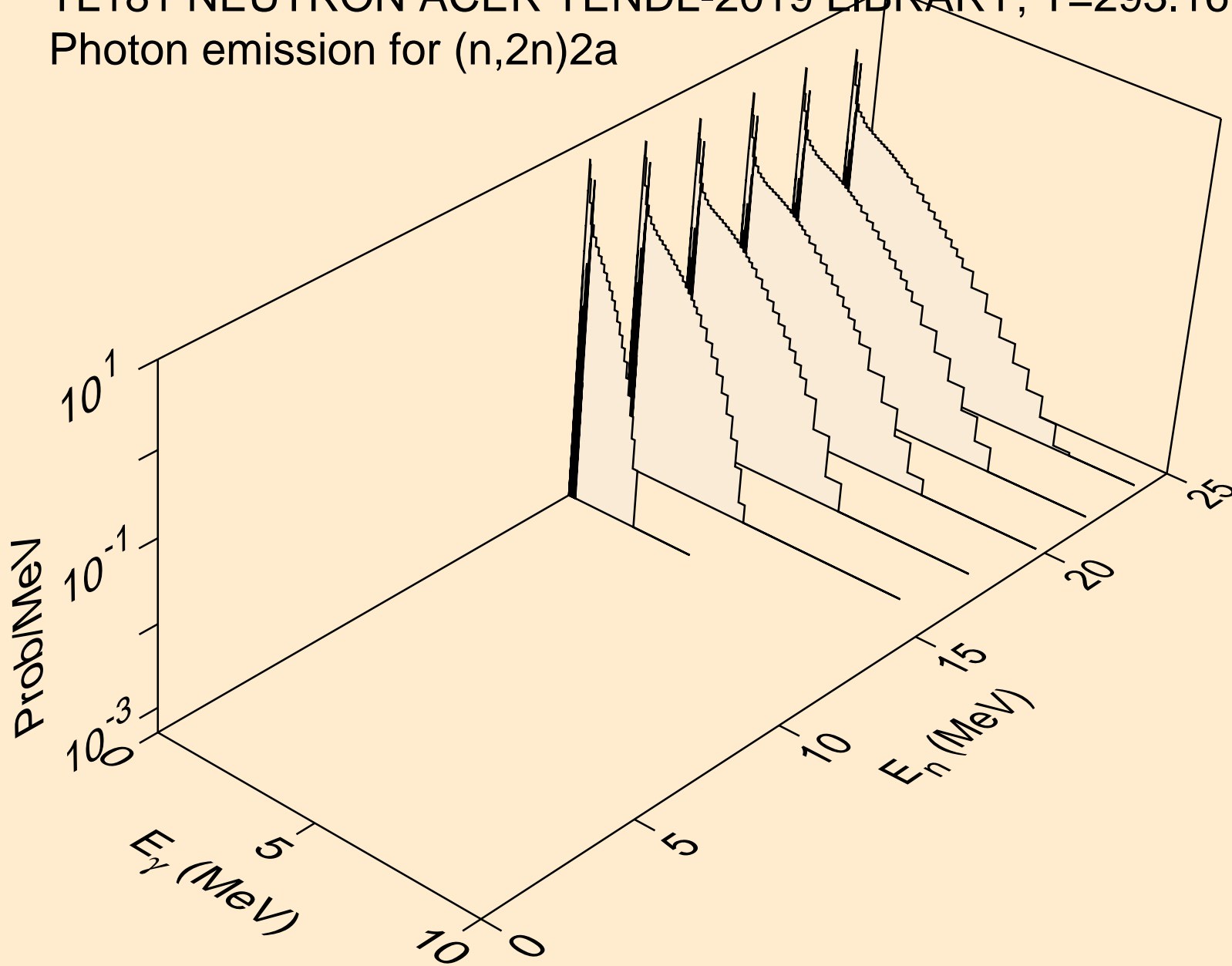
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



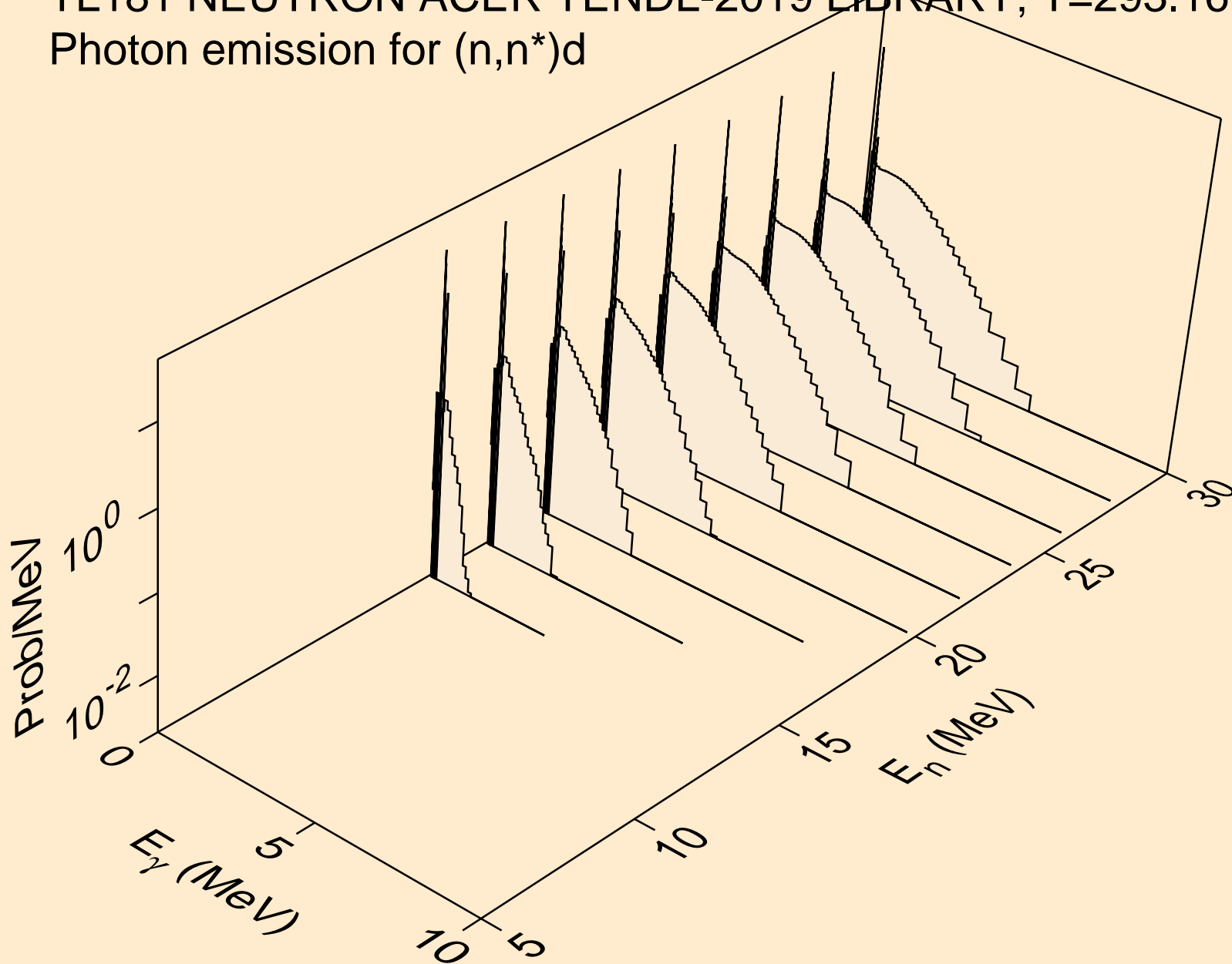
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



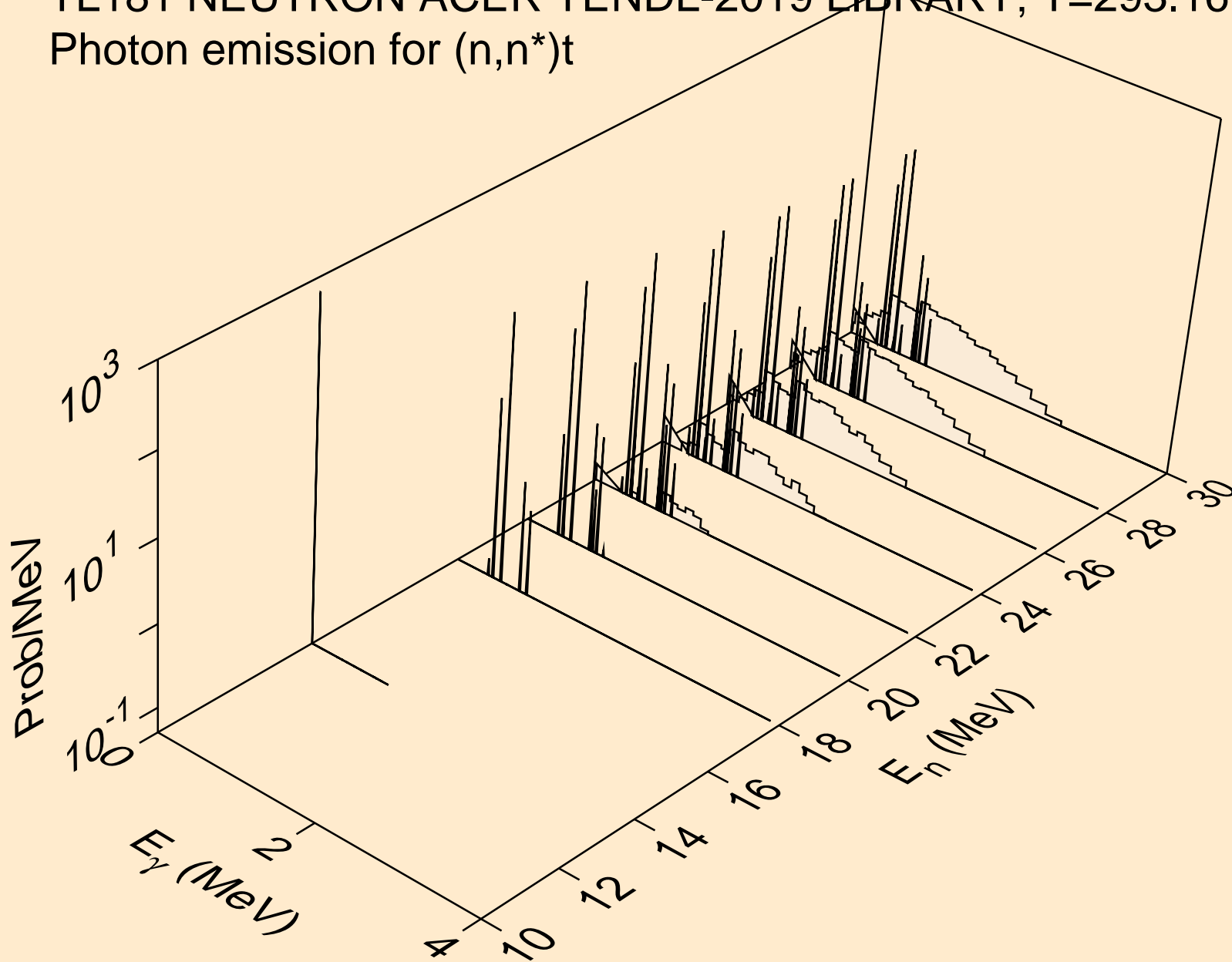
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



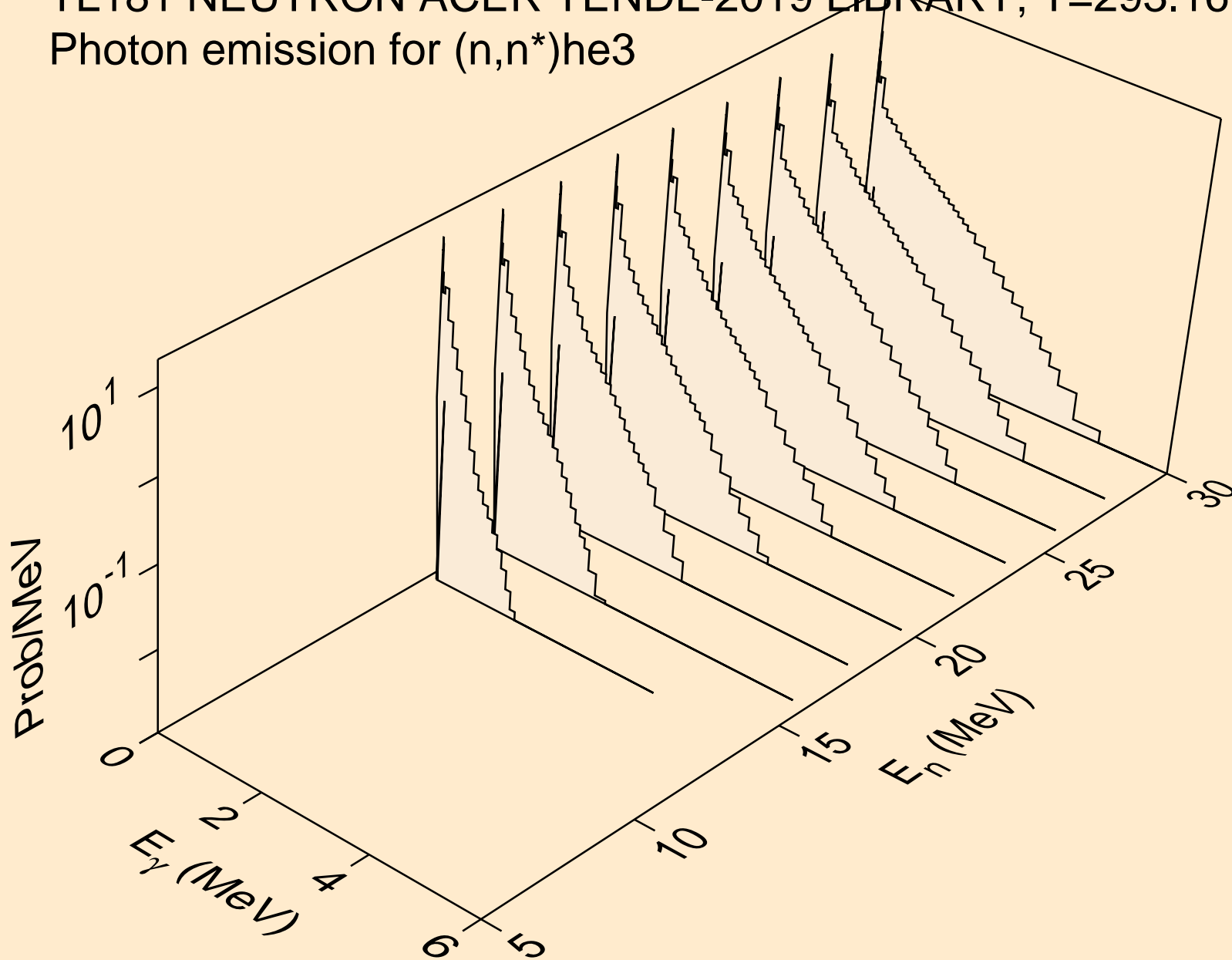
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



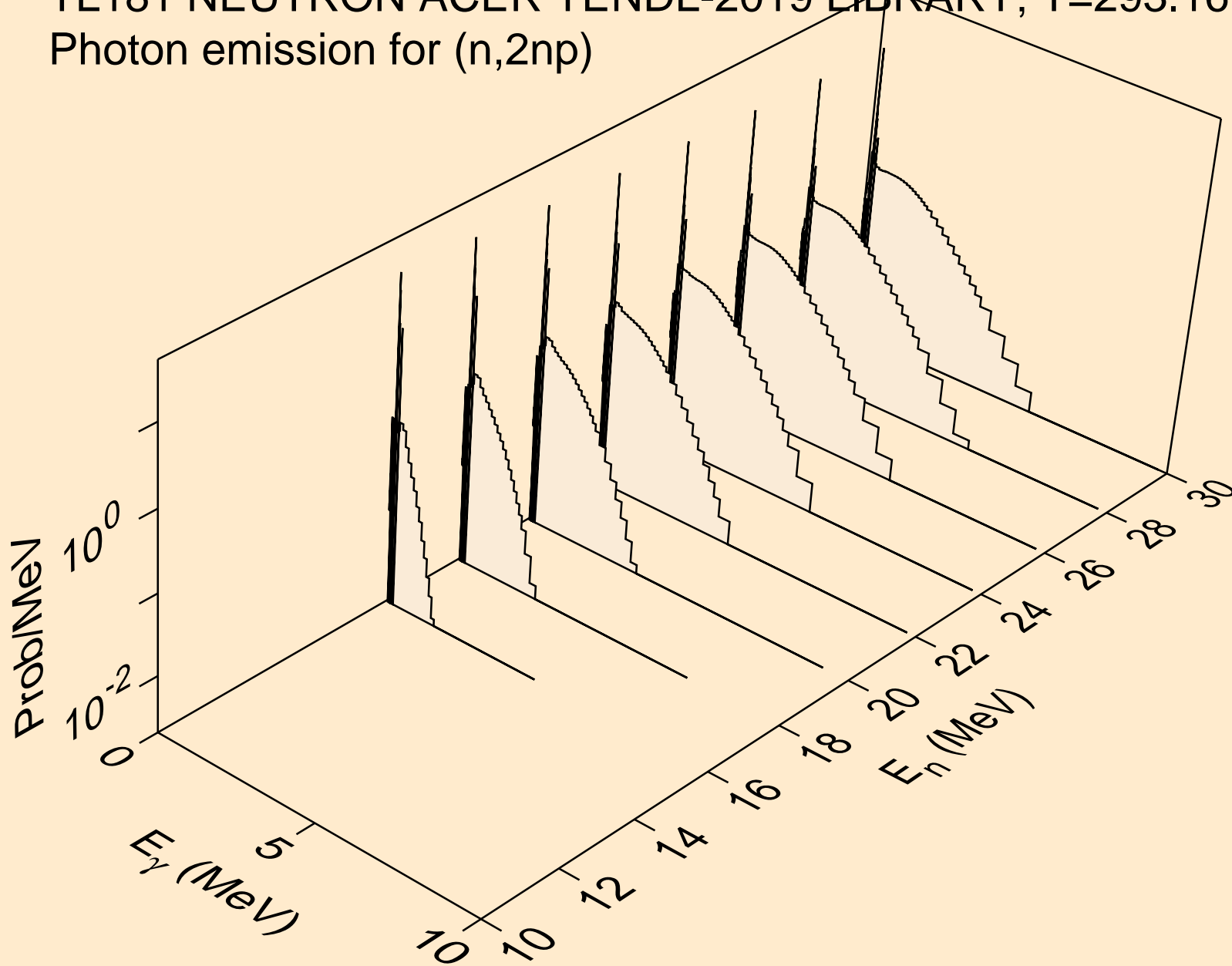
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



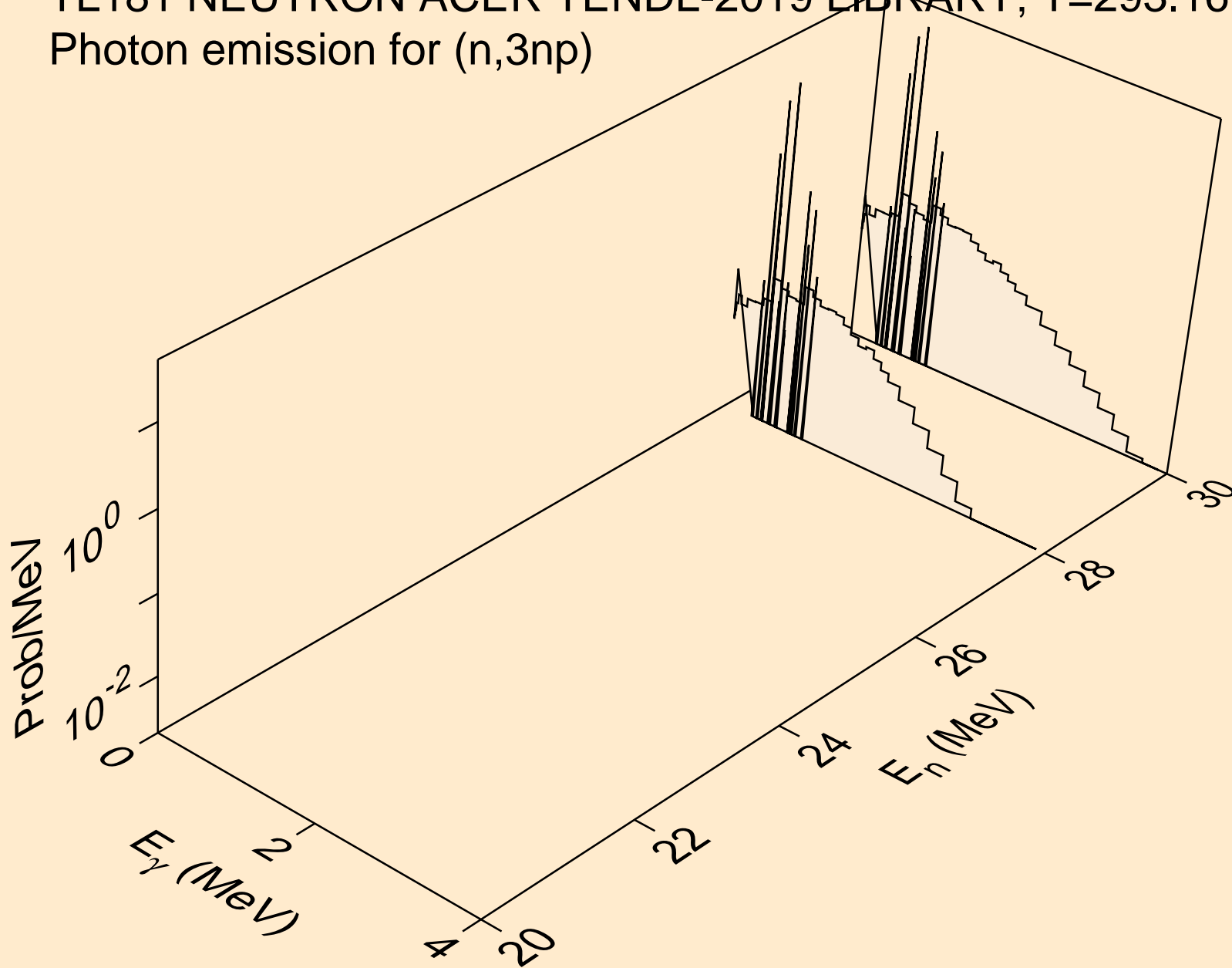
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



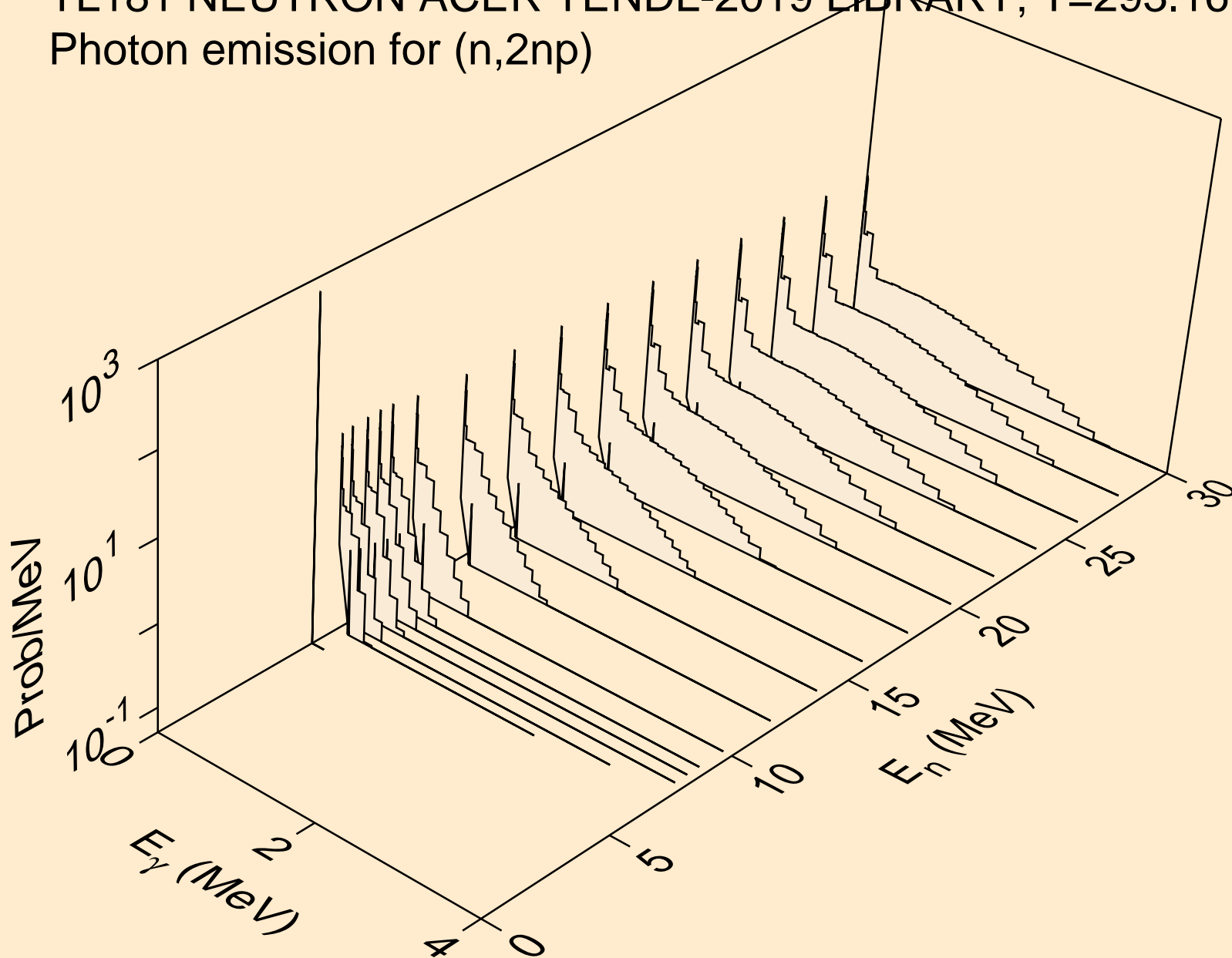
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



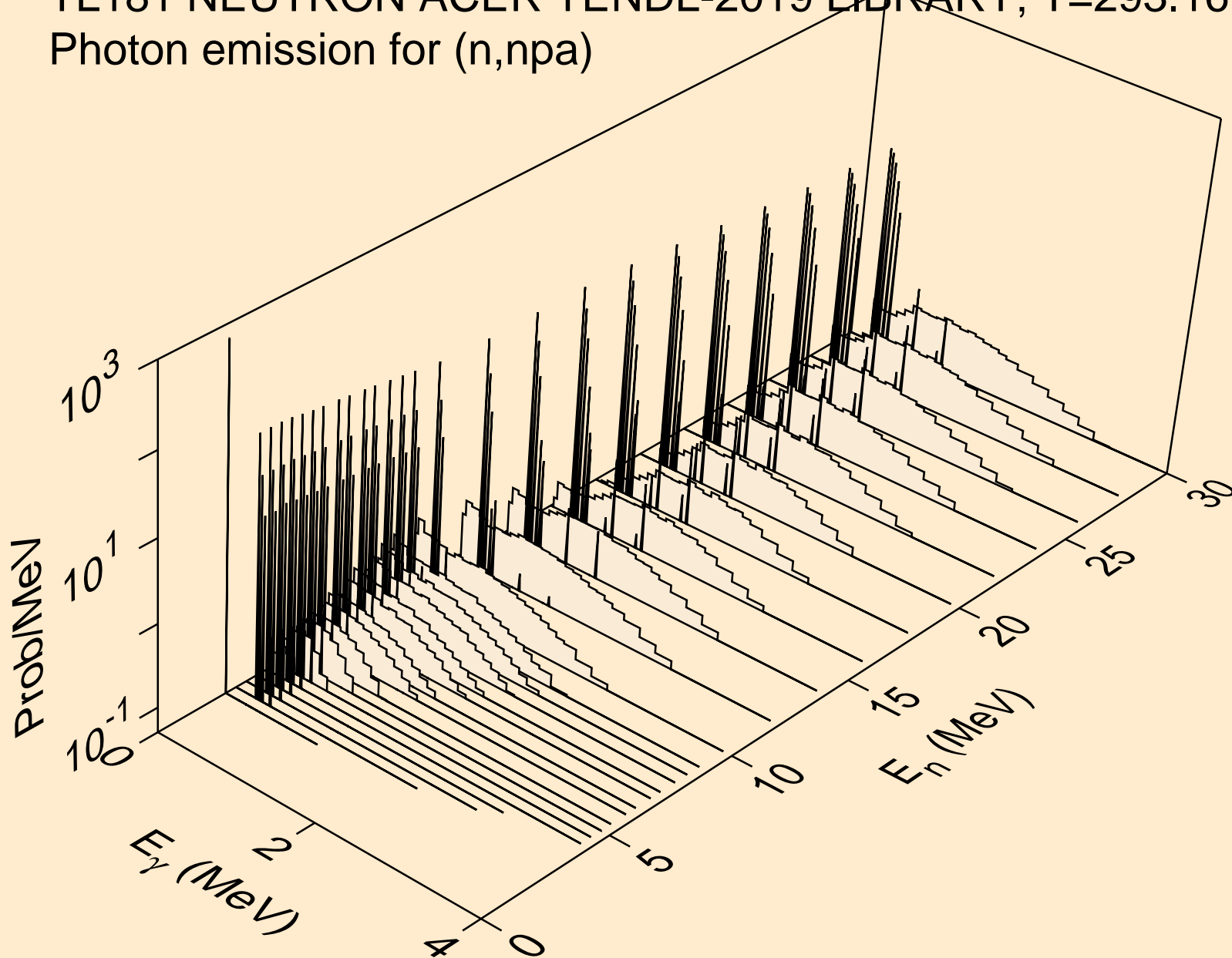
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



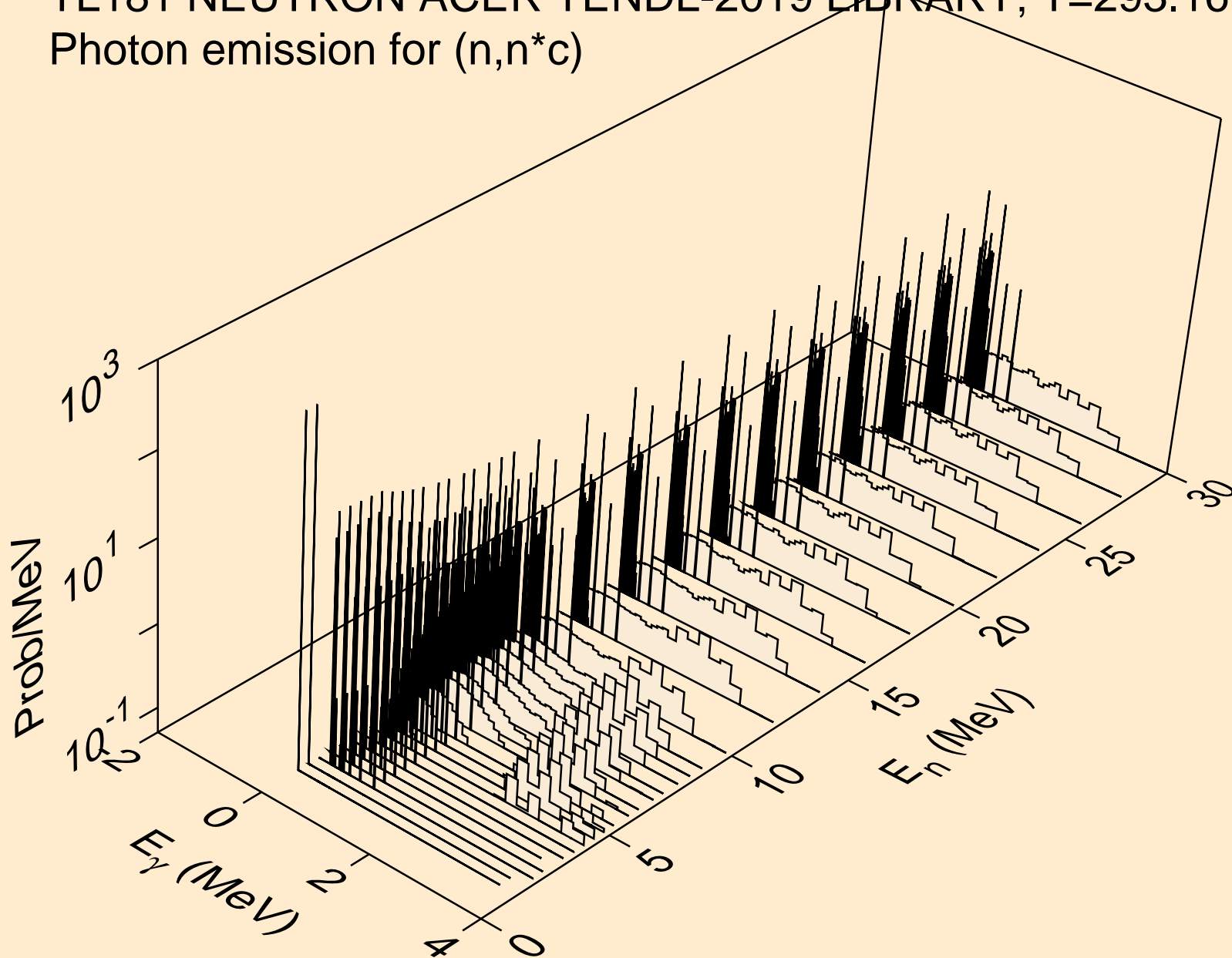
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



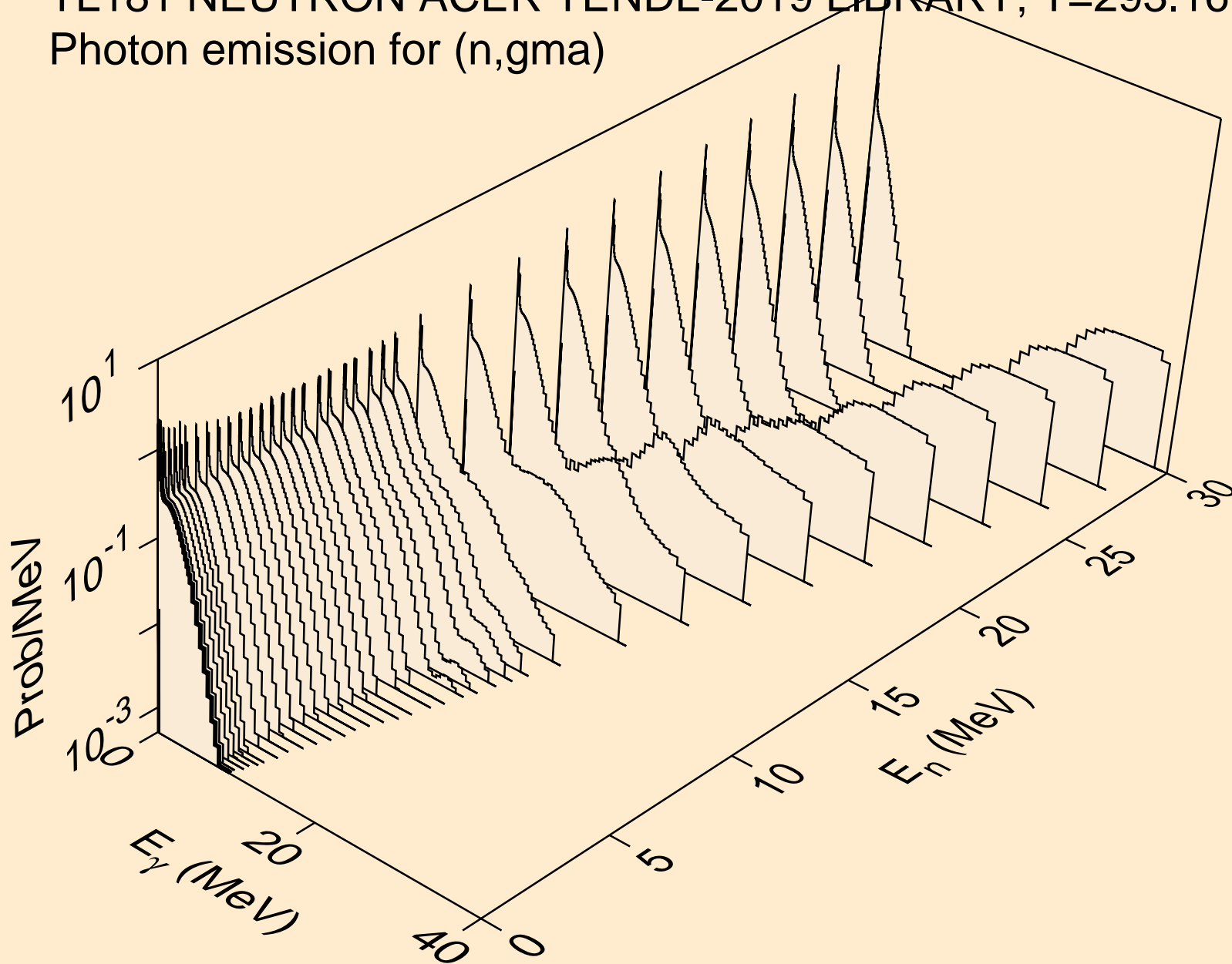
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



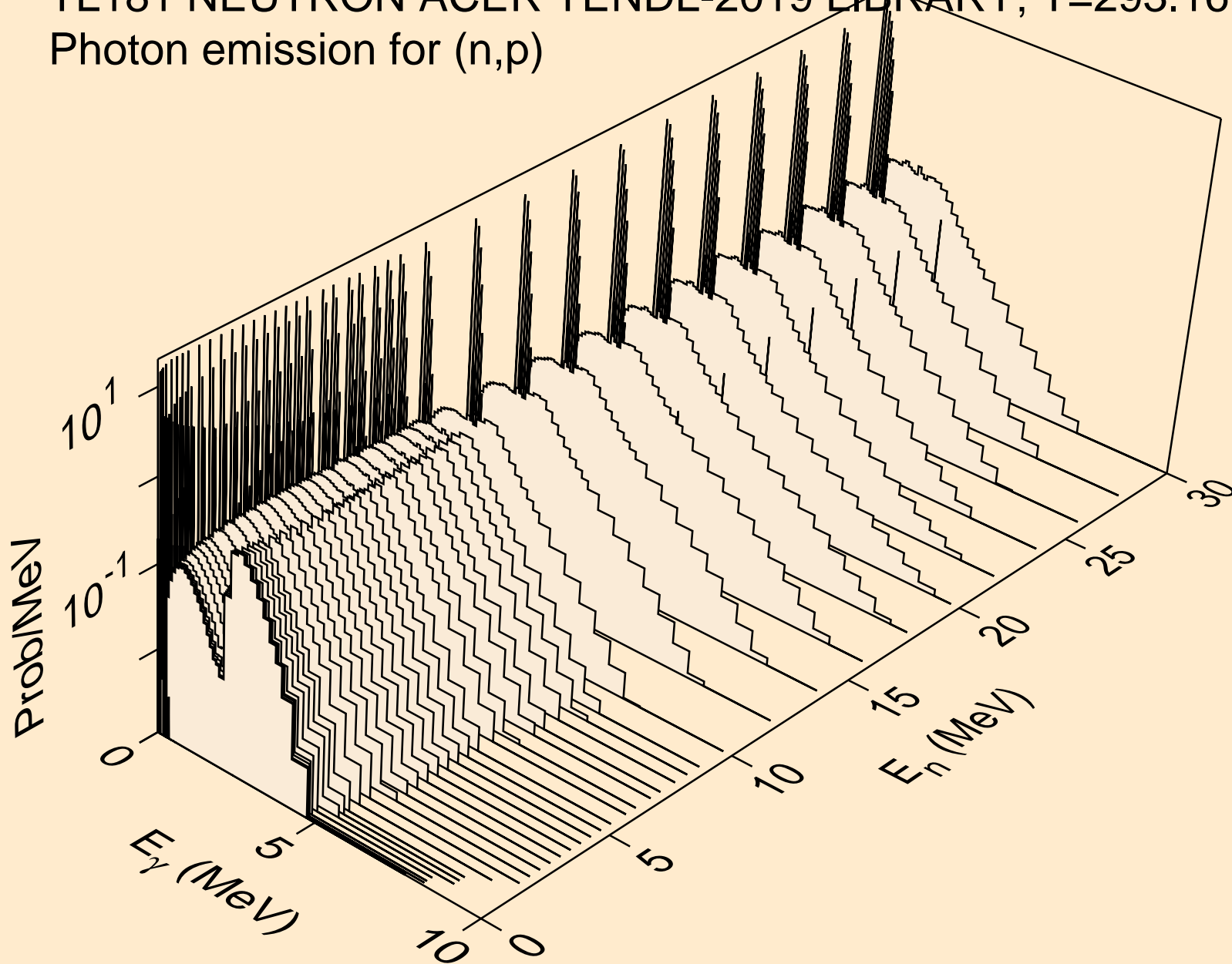
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



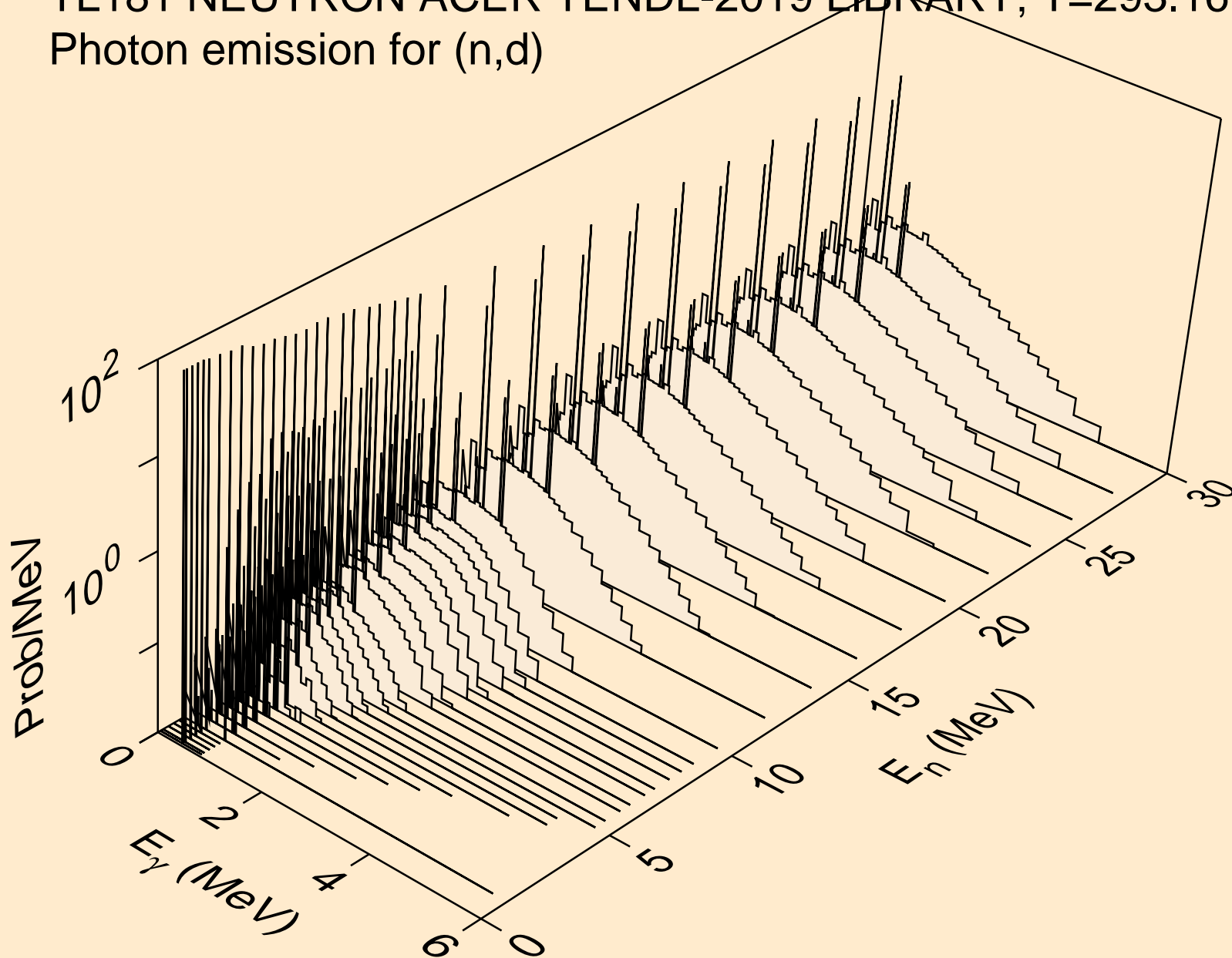
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



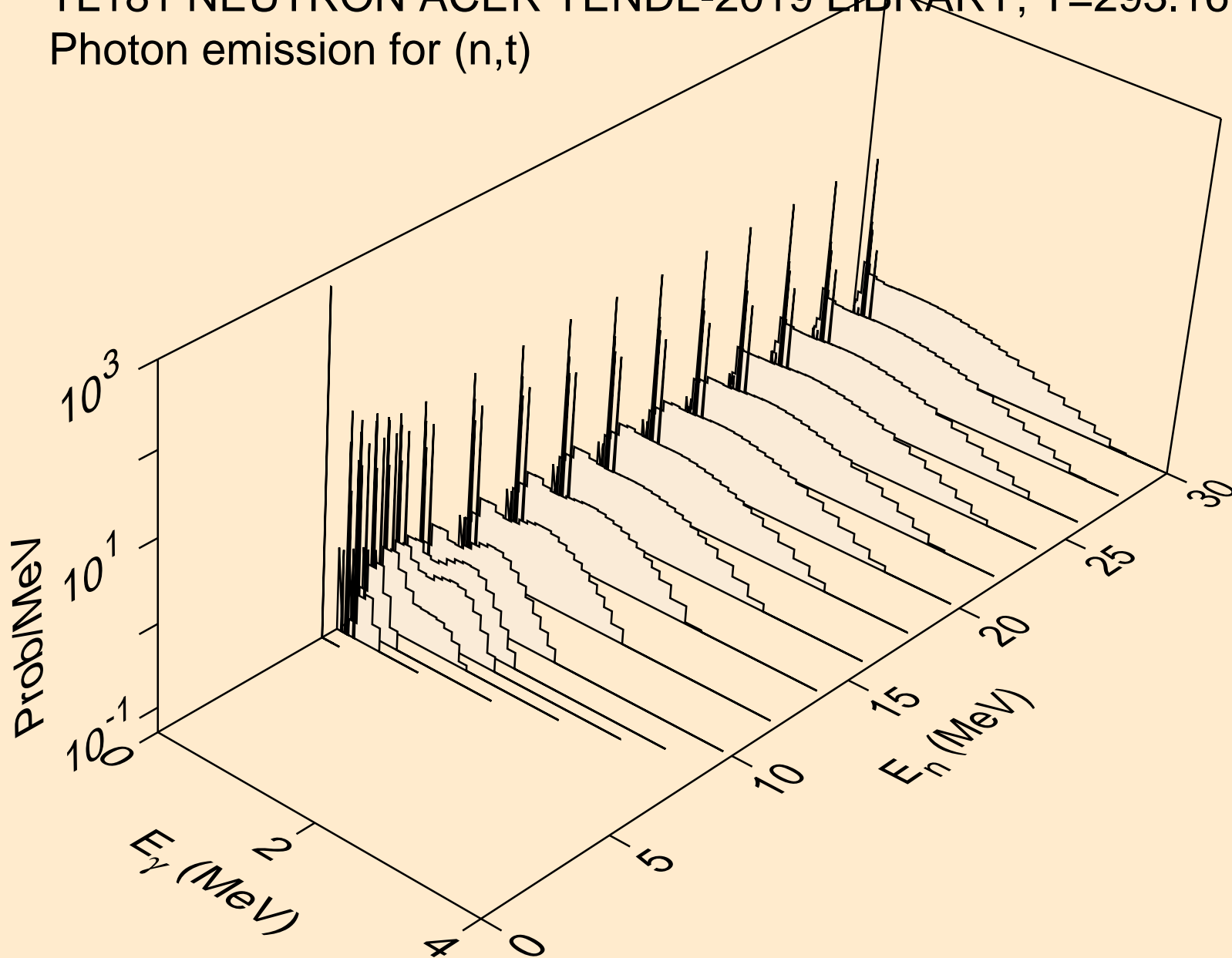
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



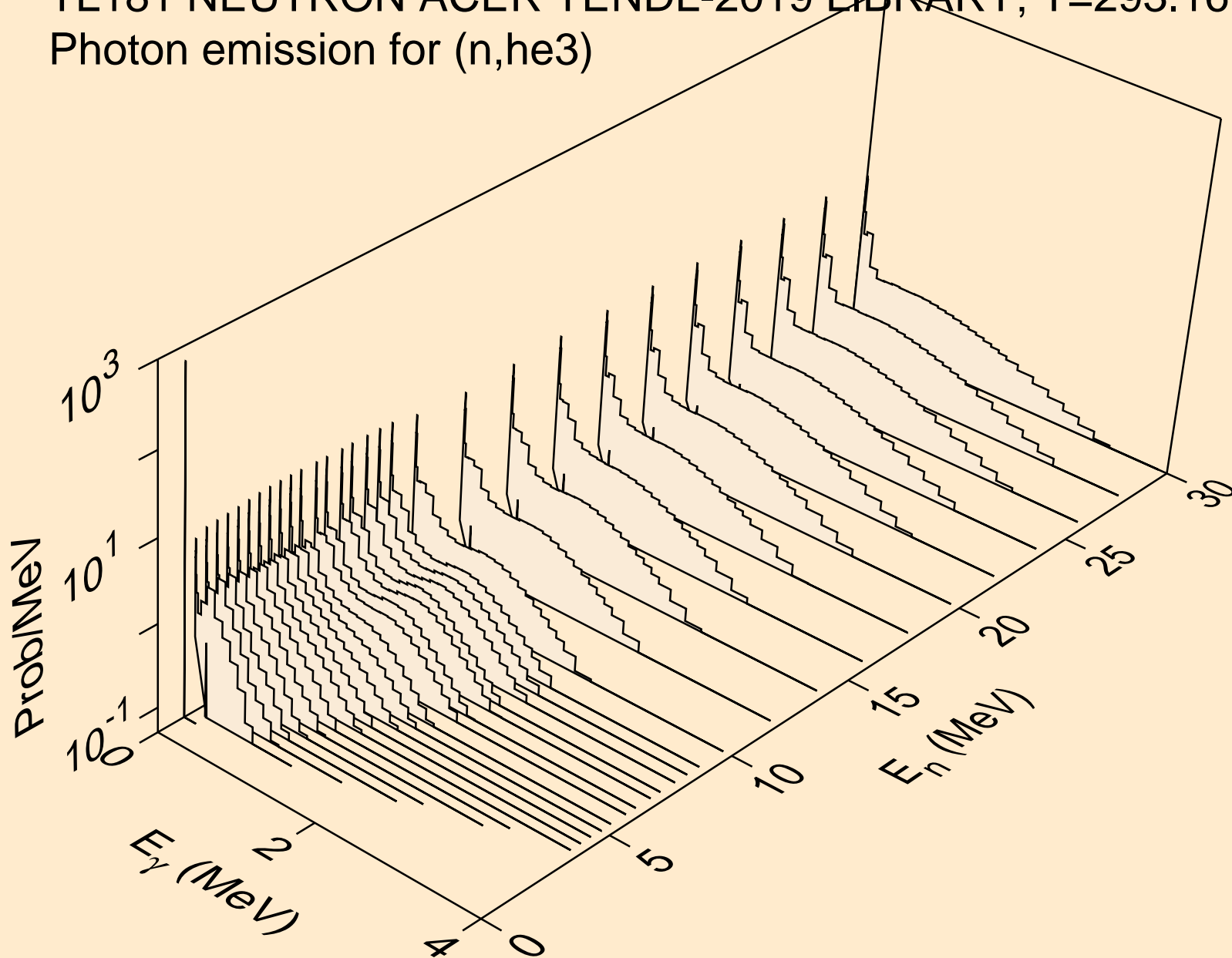
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



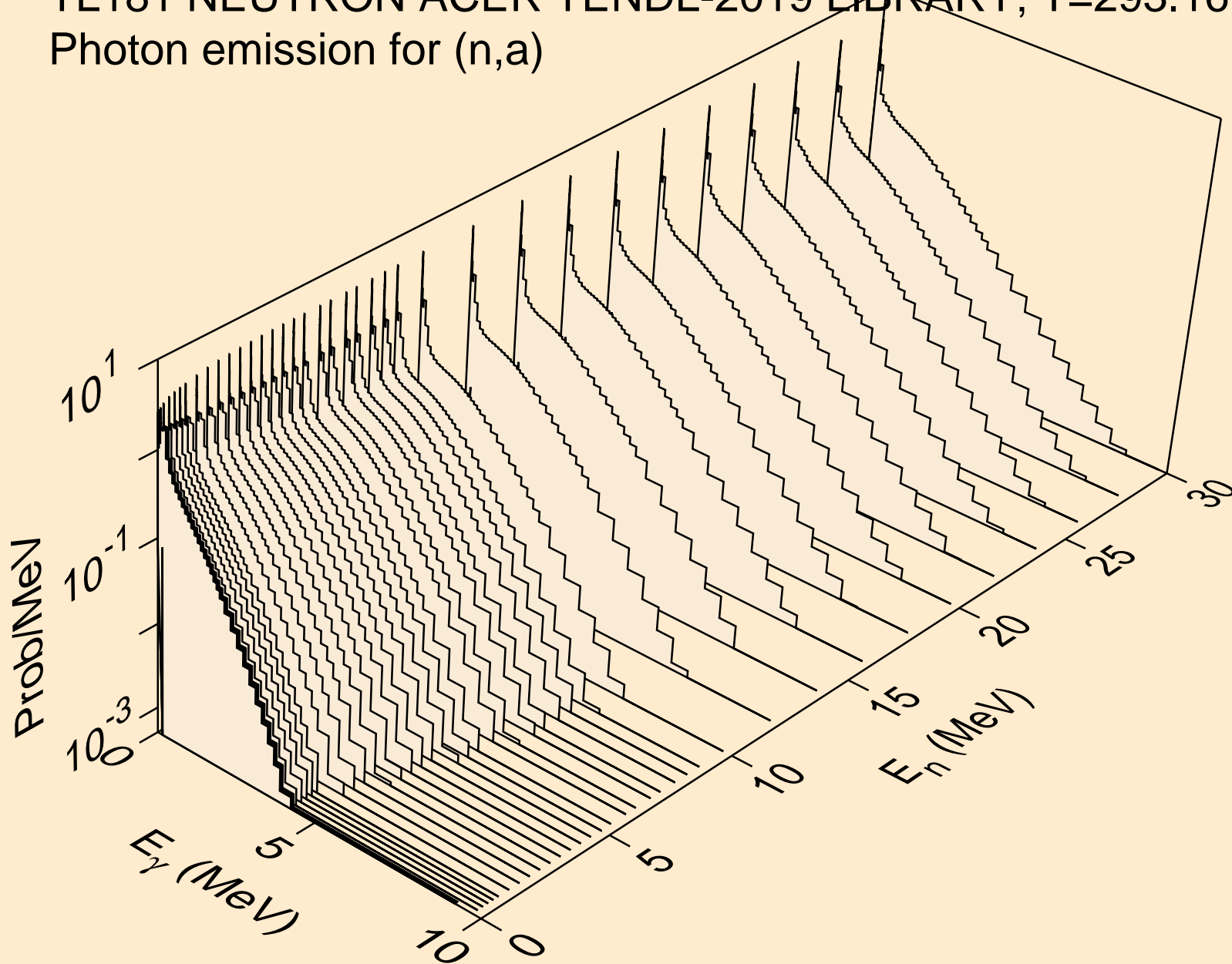
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



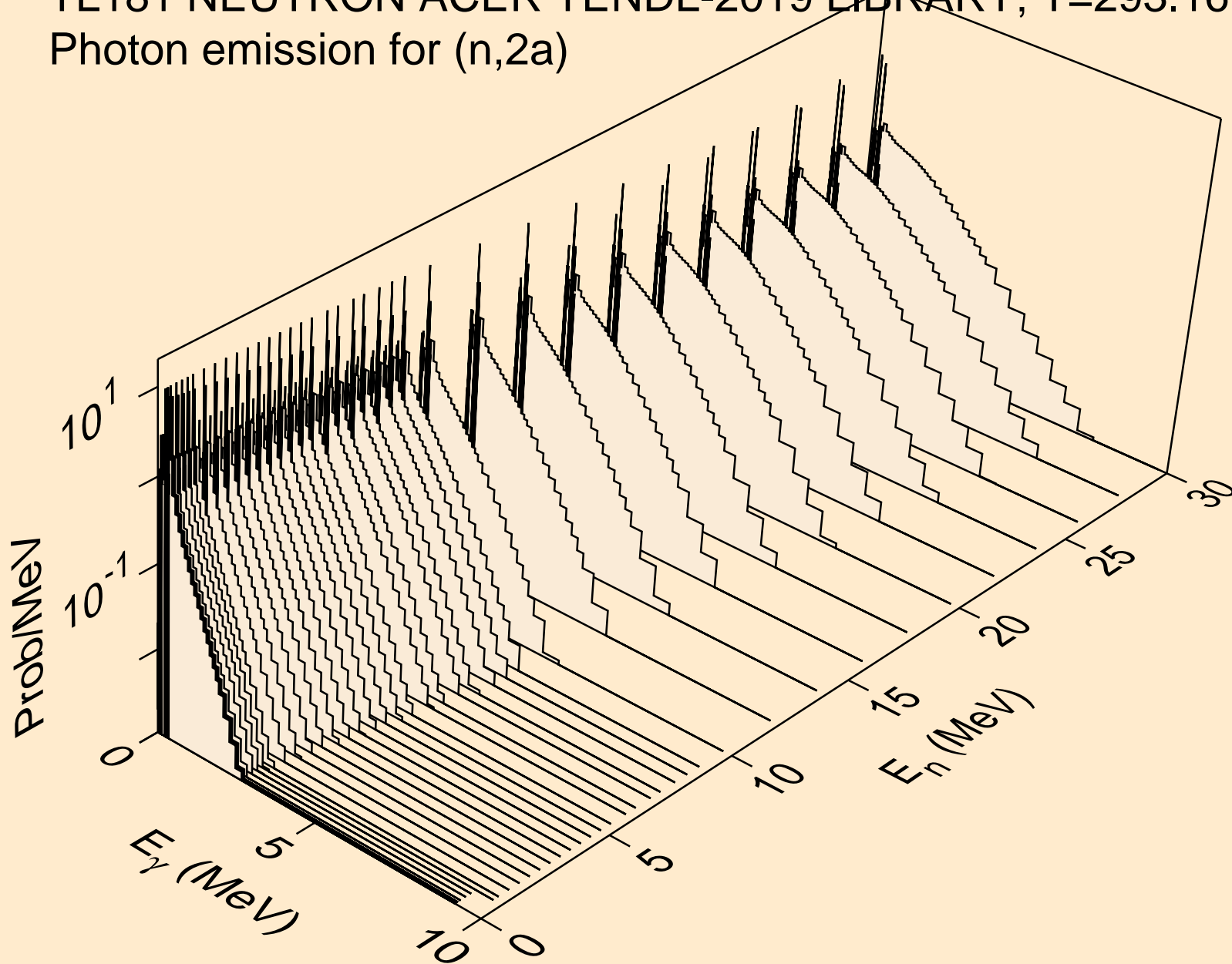
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



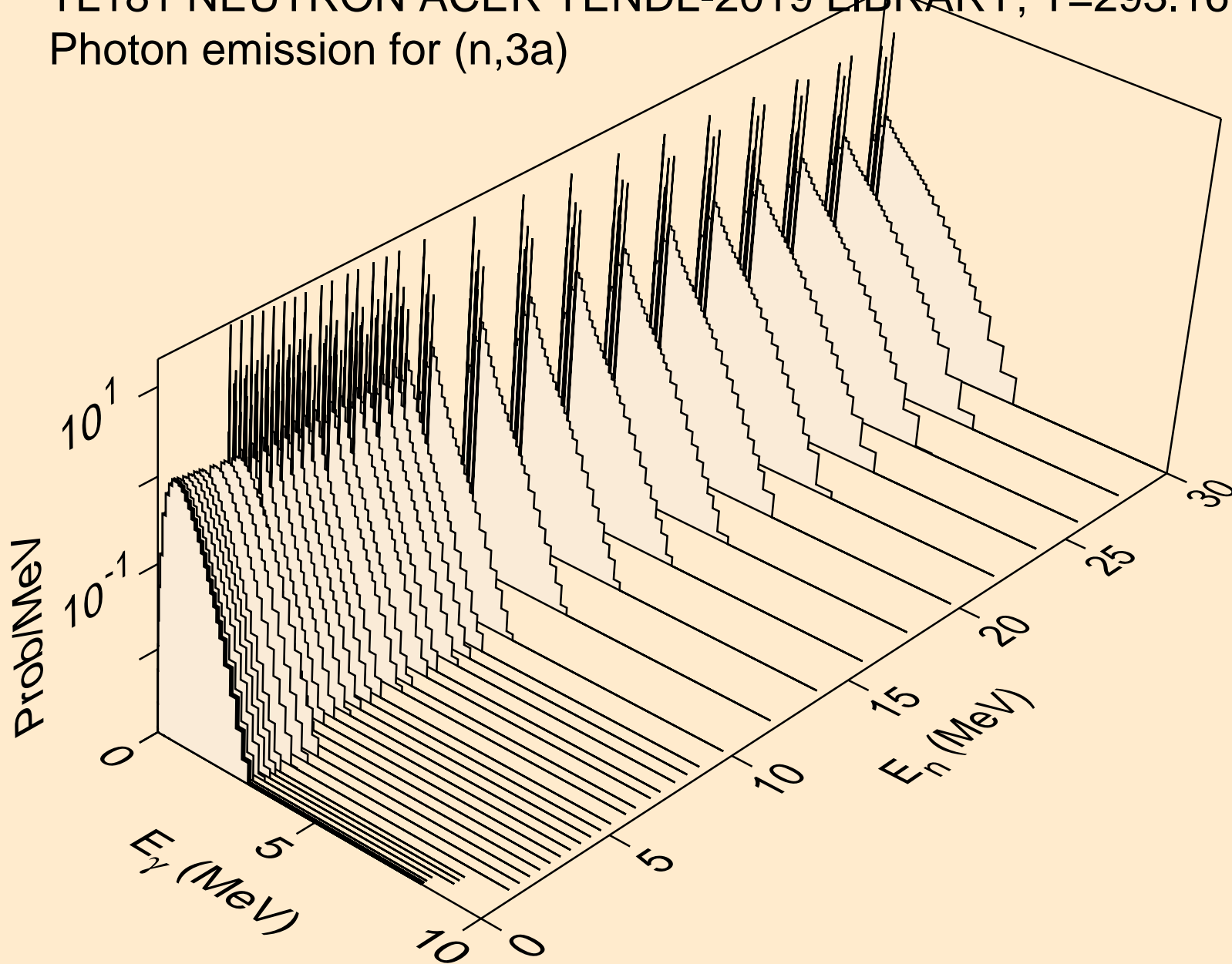
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



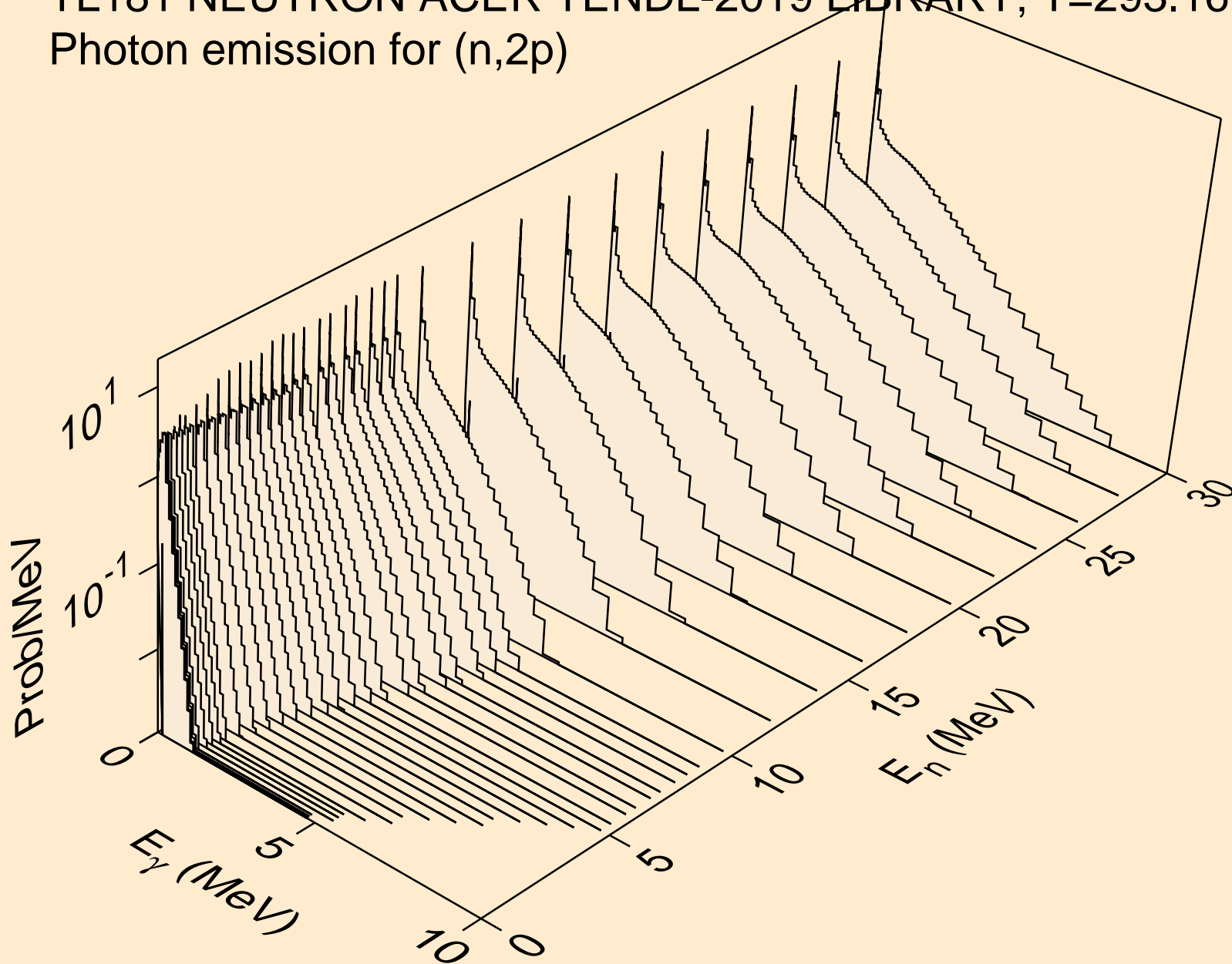
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



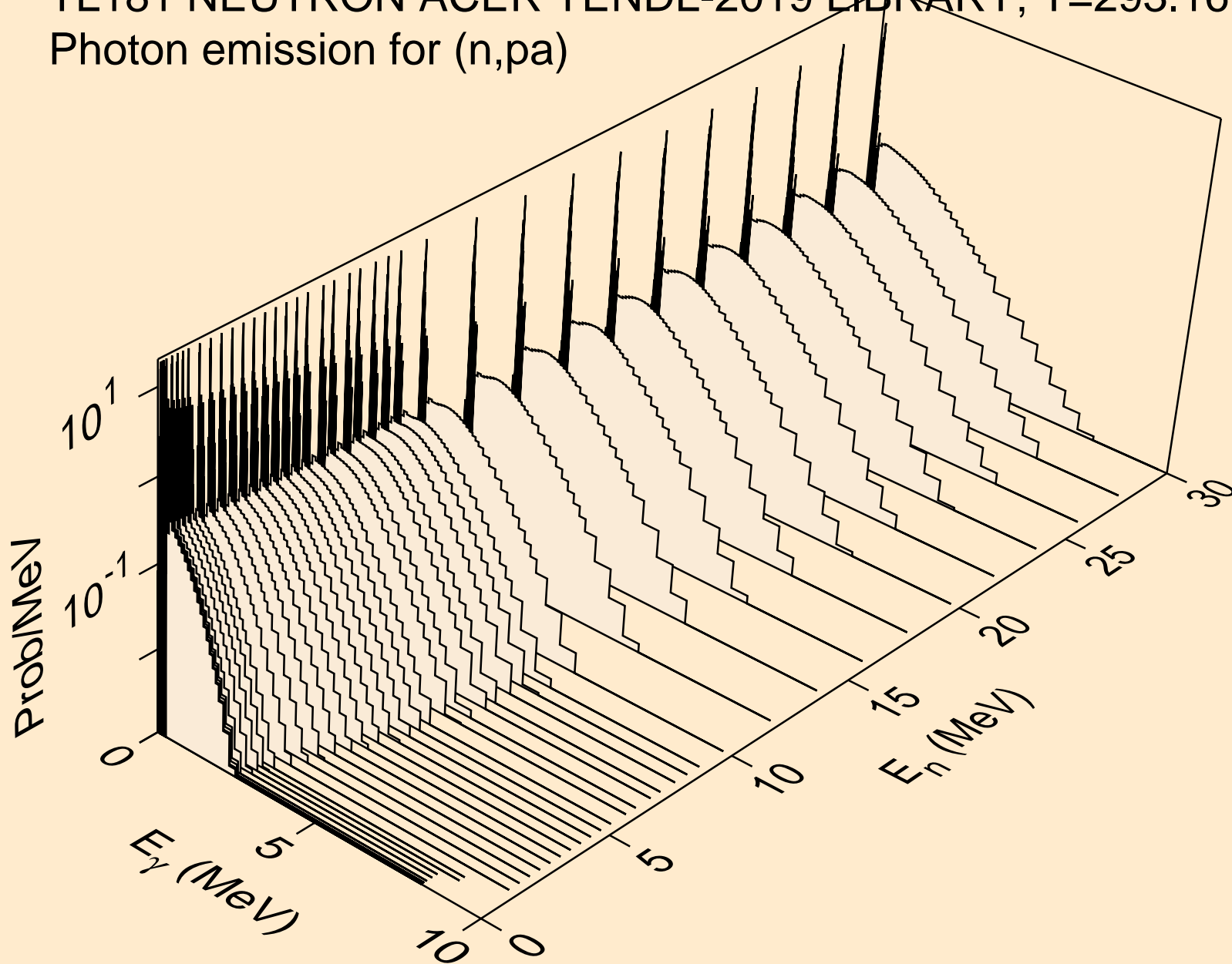
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



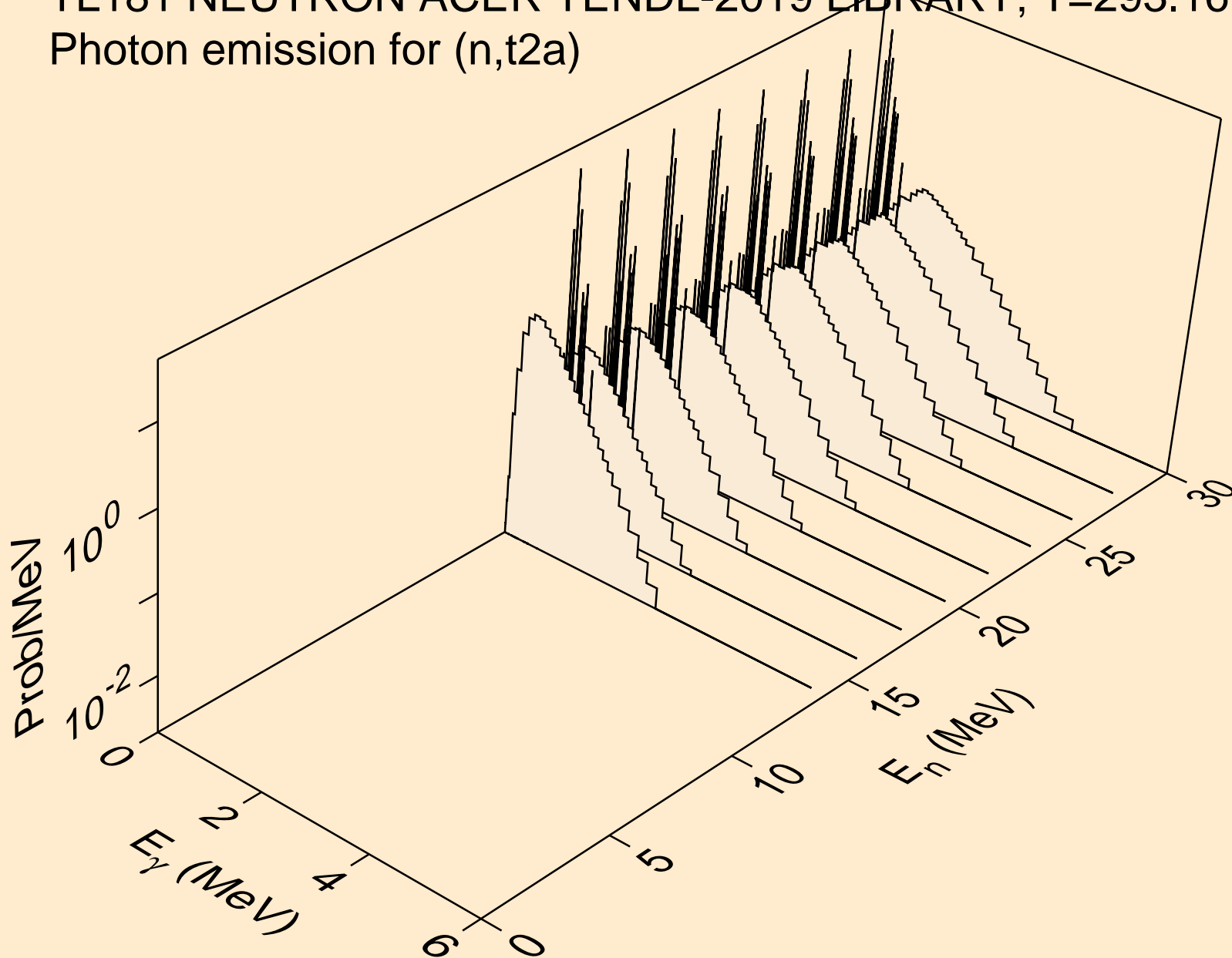
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



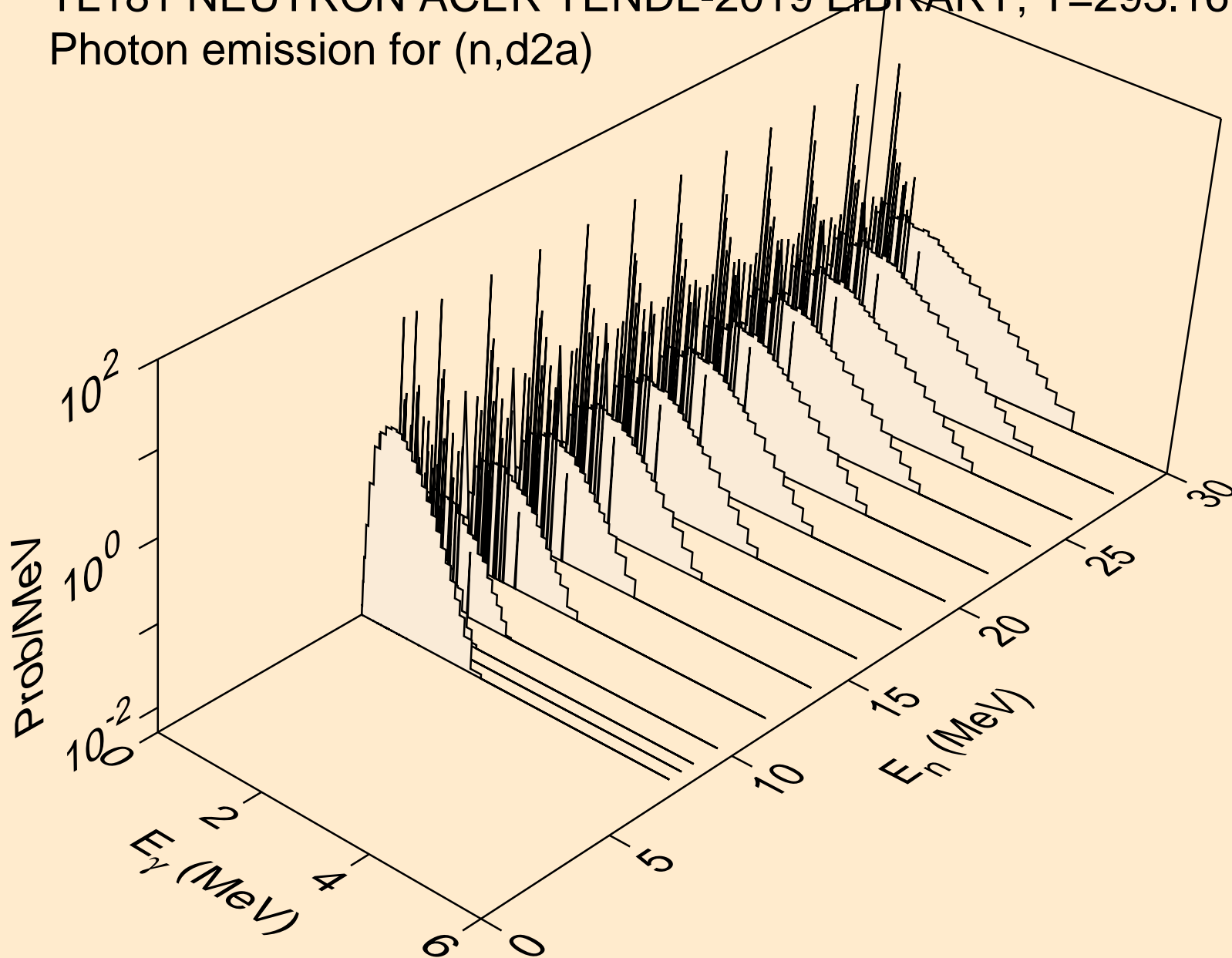
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



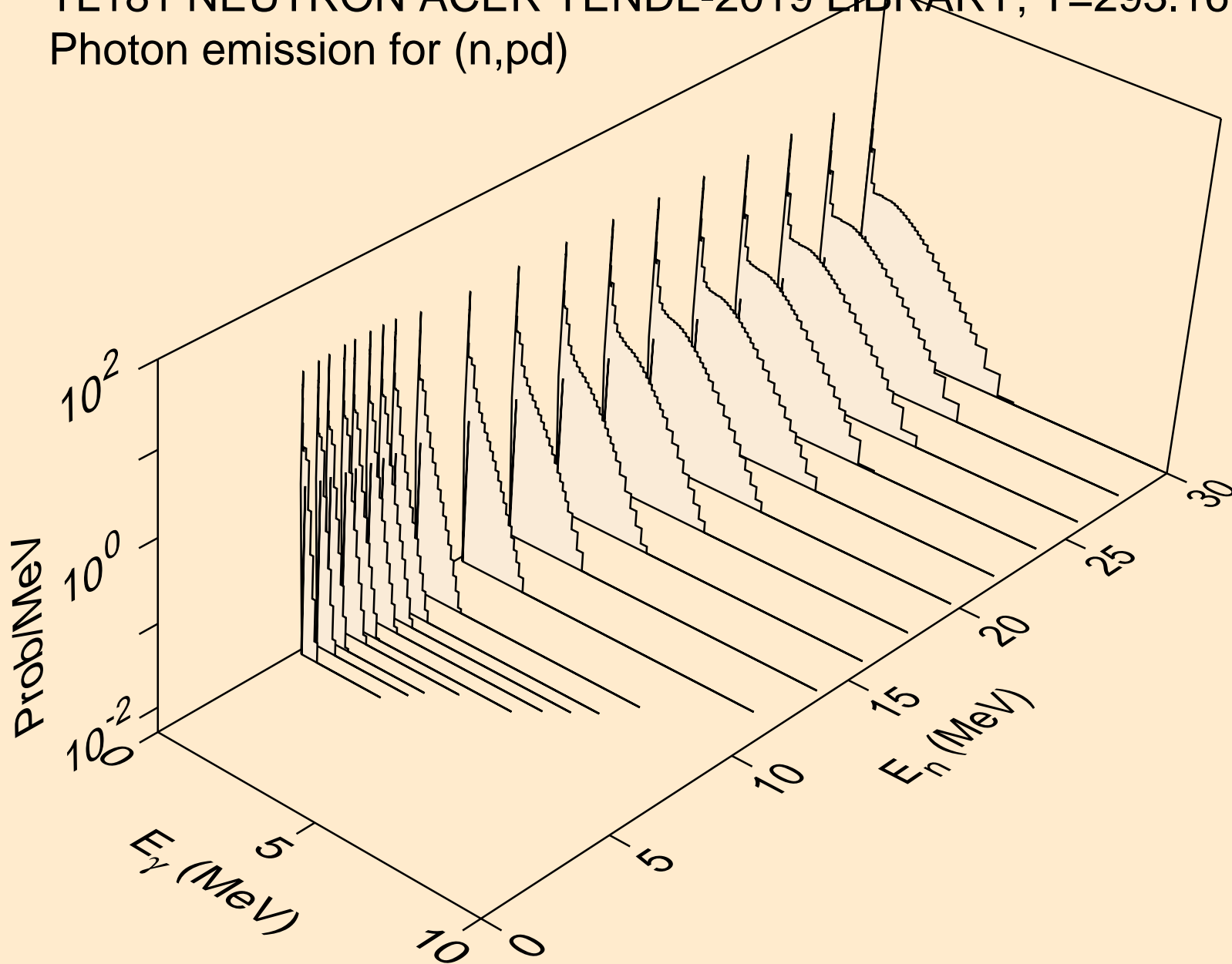
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t2a)



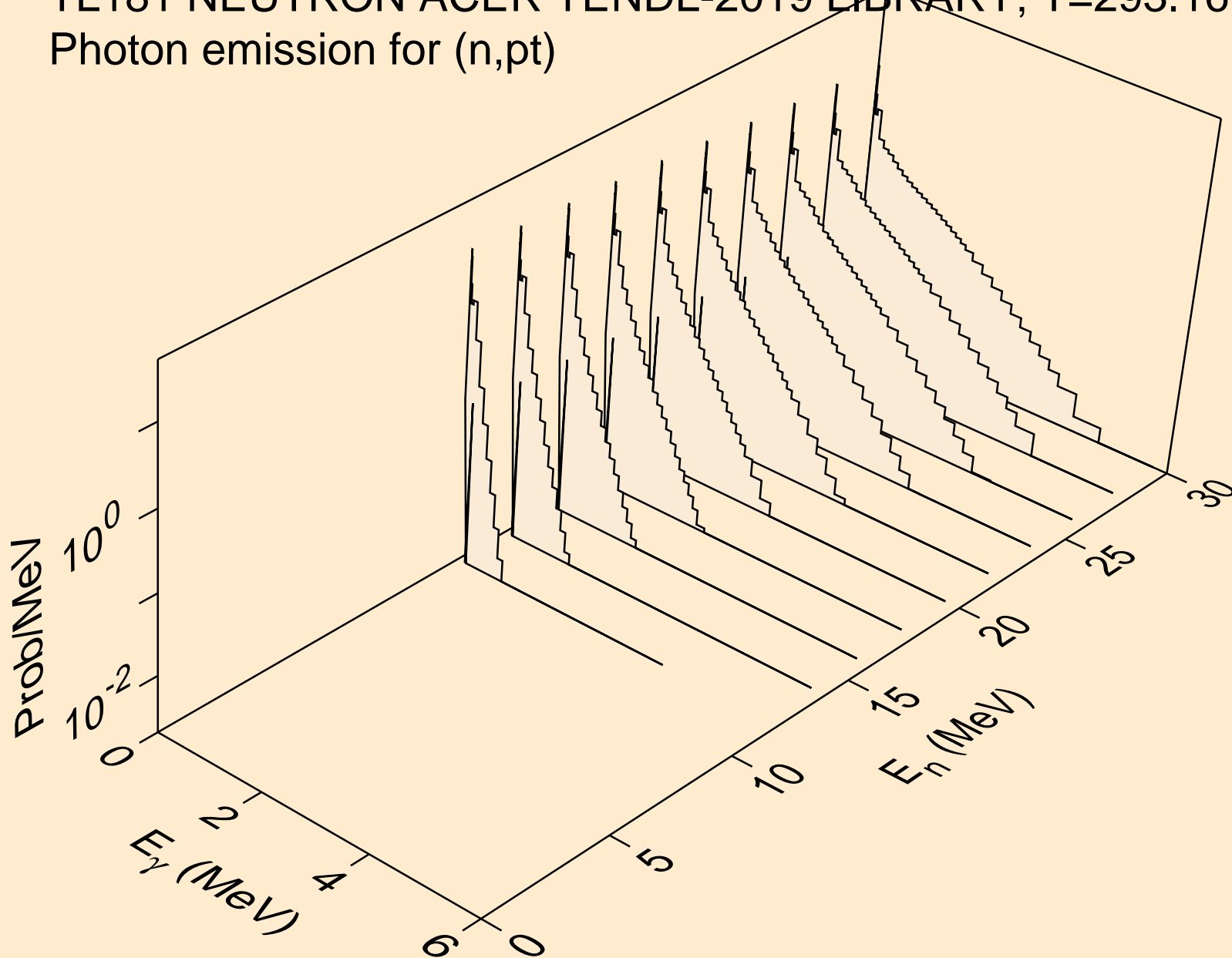
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d2a)



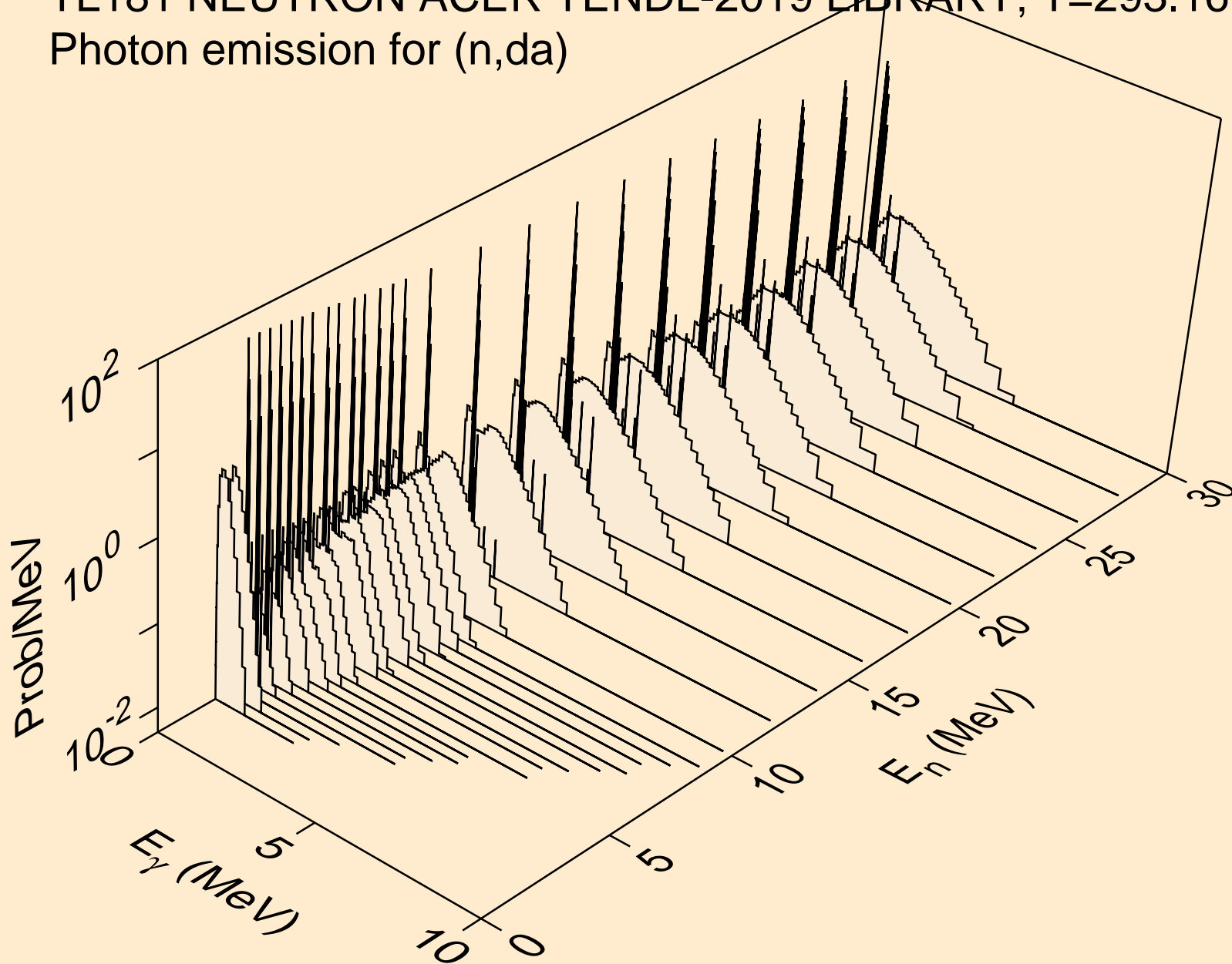
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



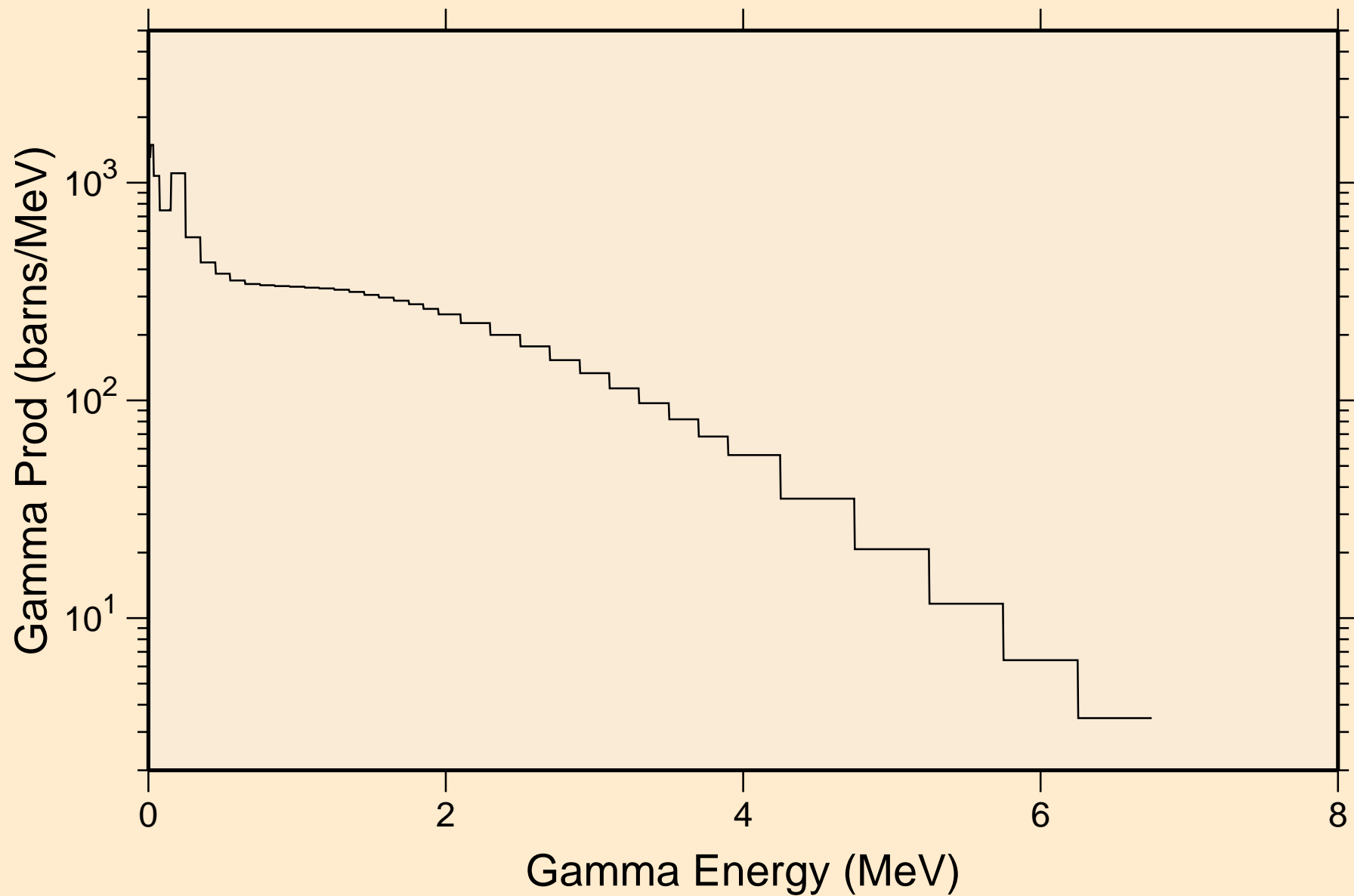
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



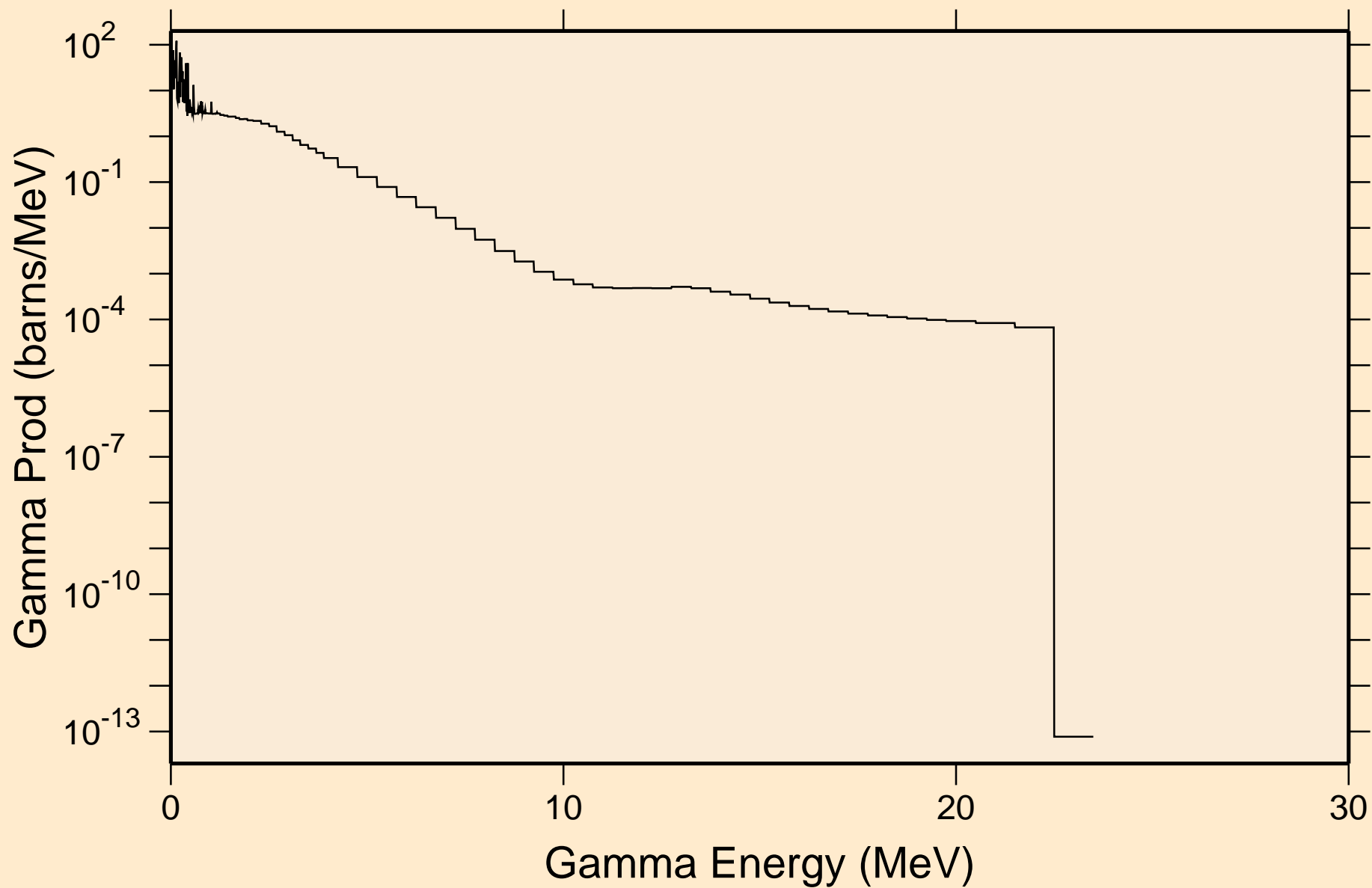
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



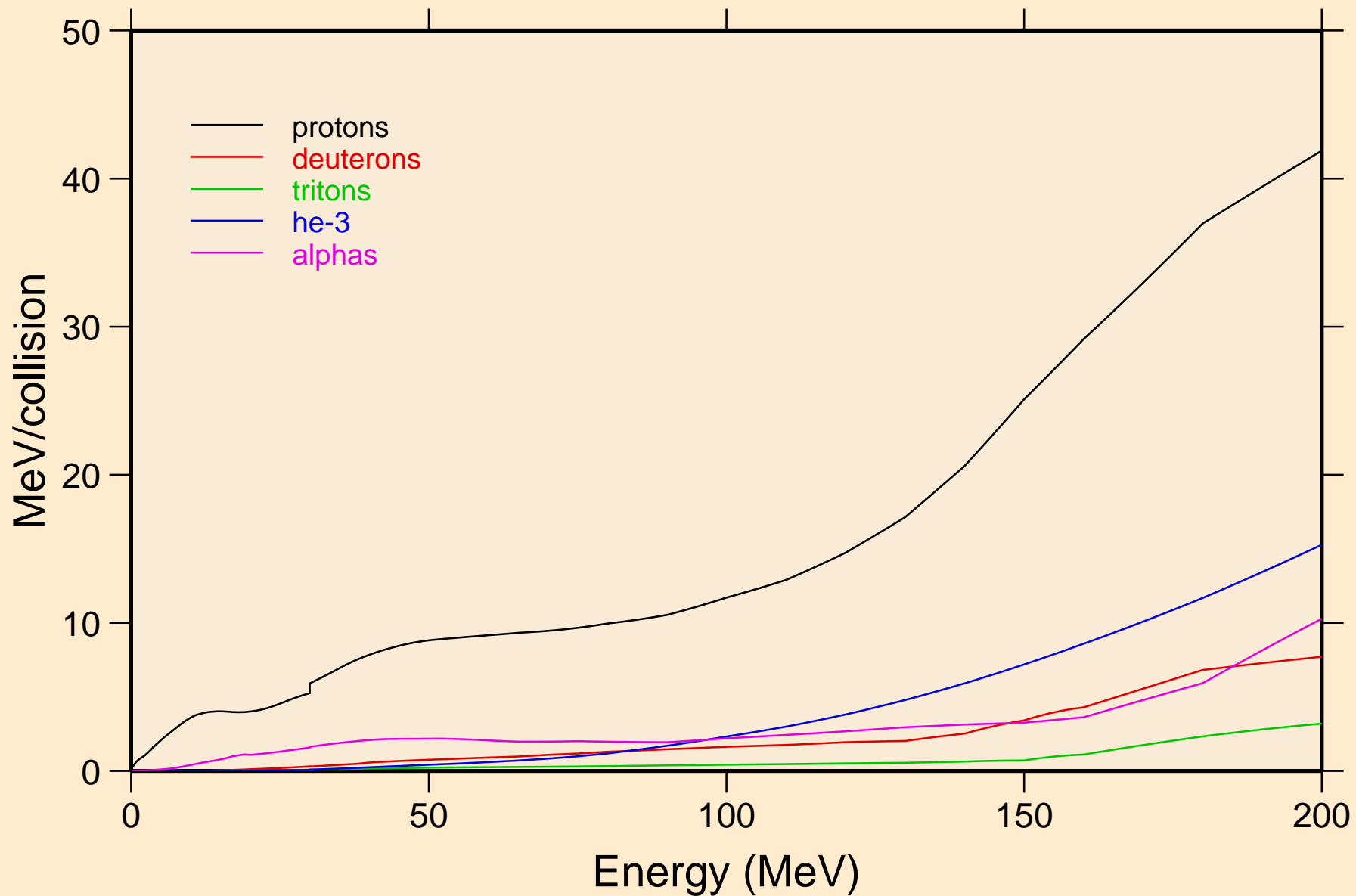
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



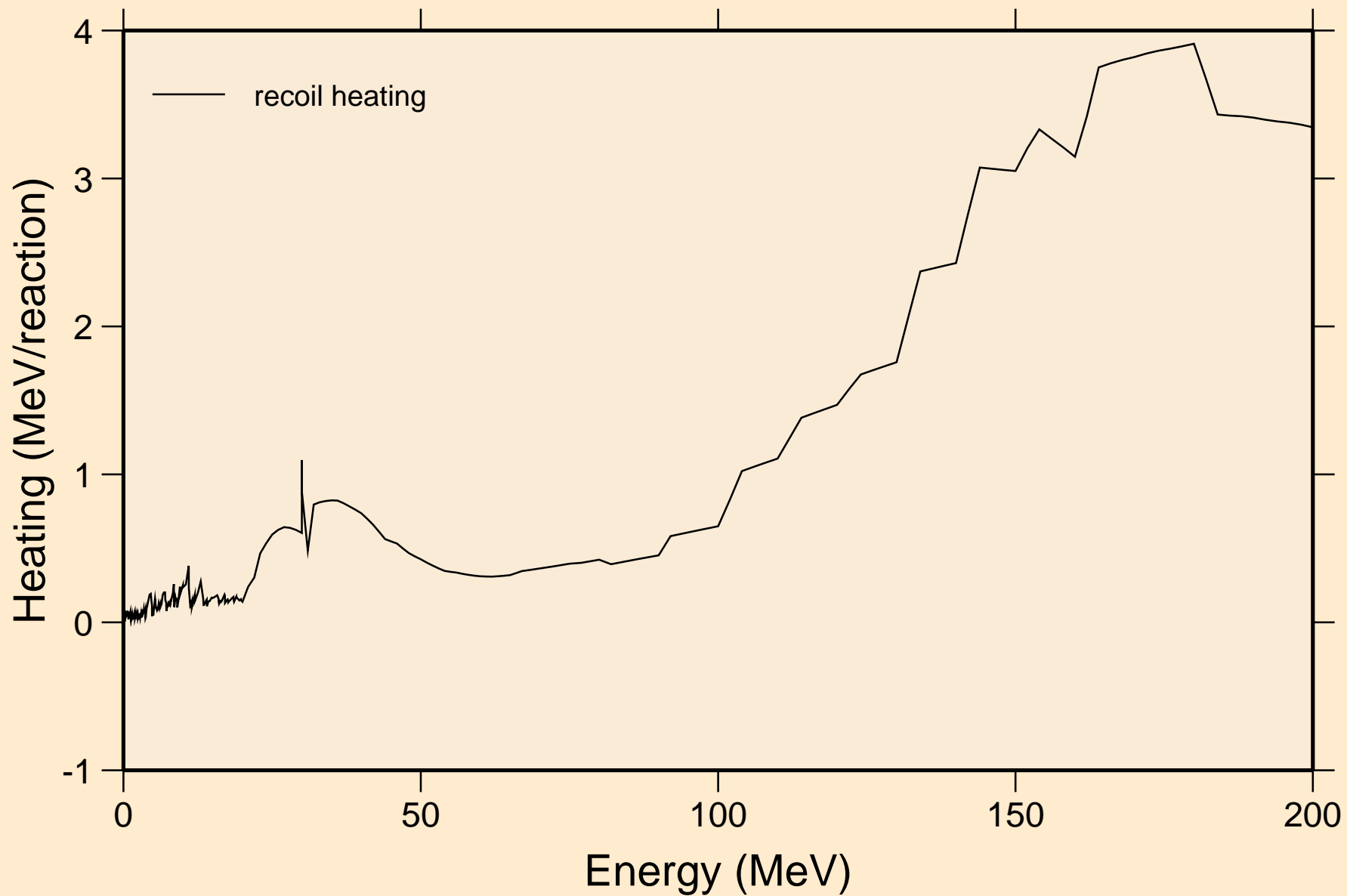
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



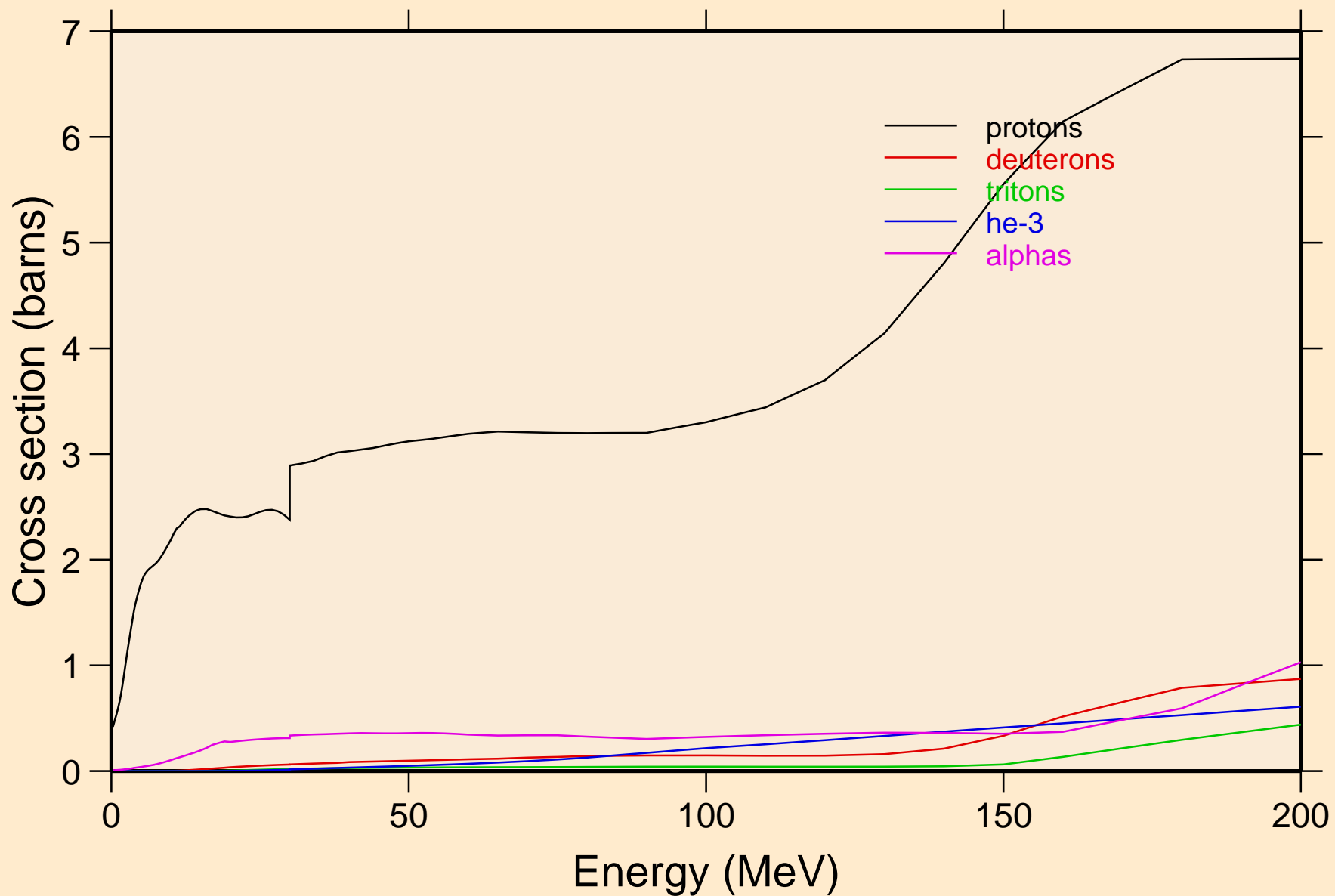
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions



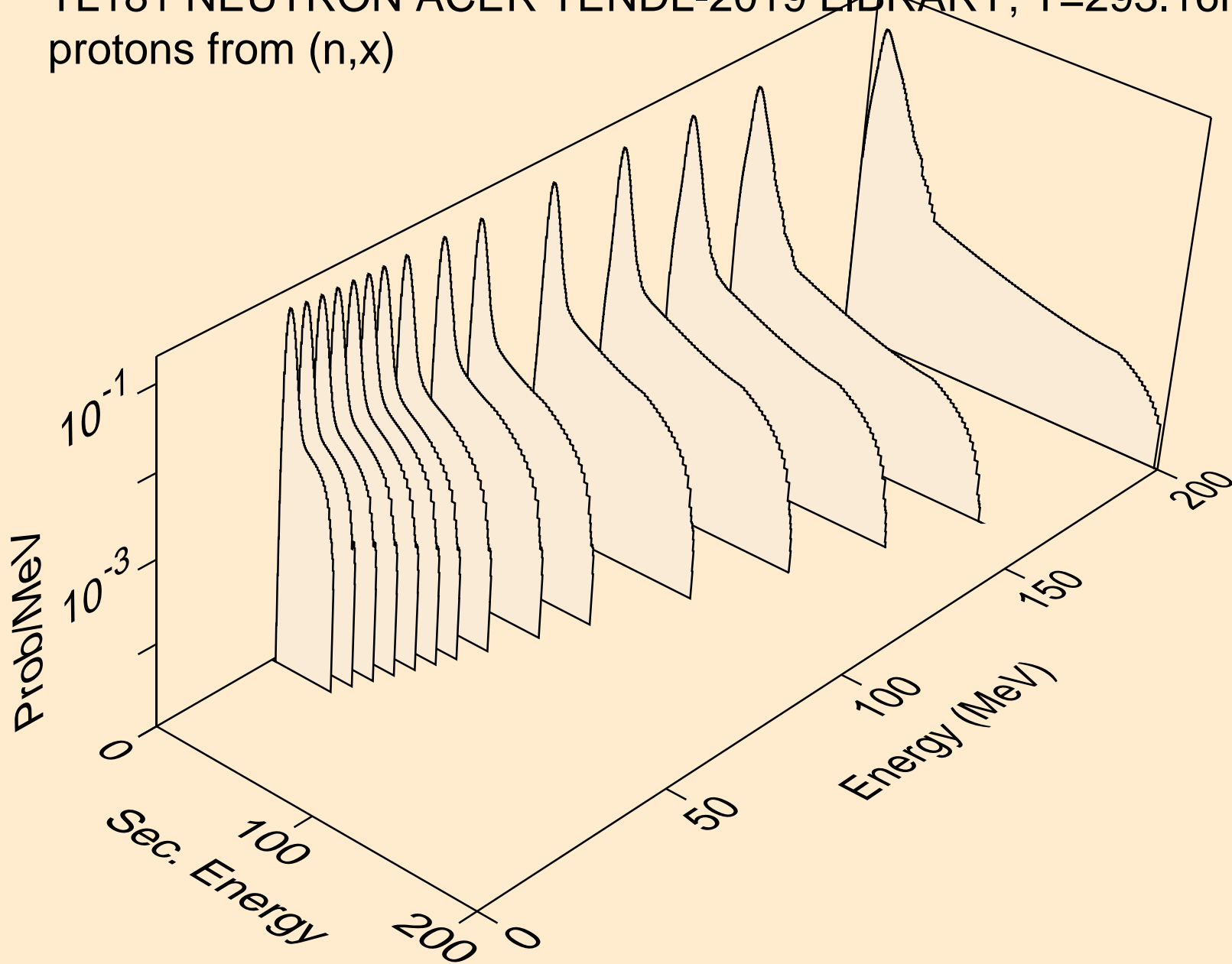
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



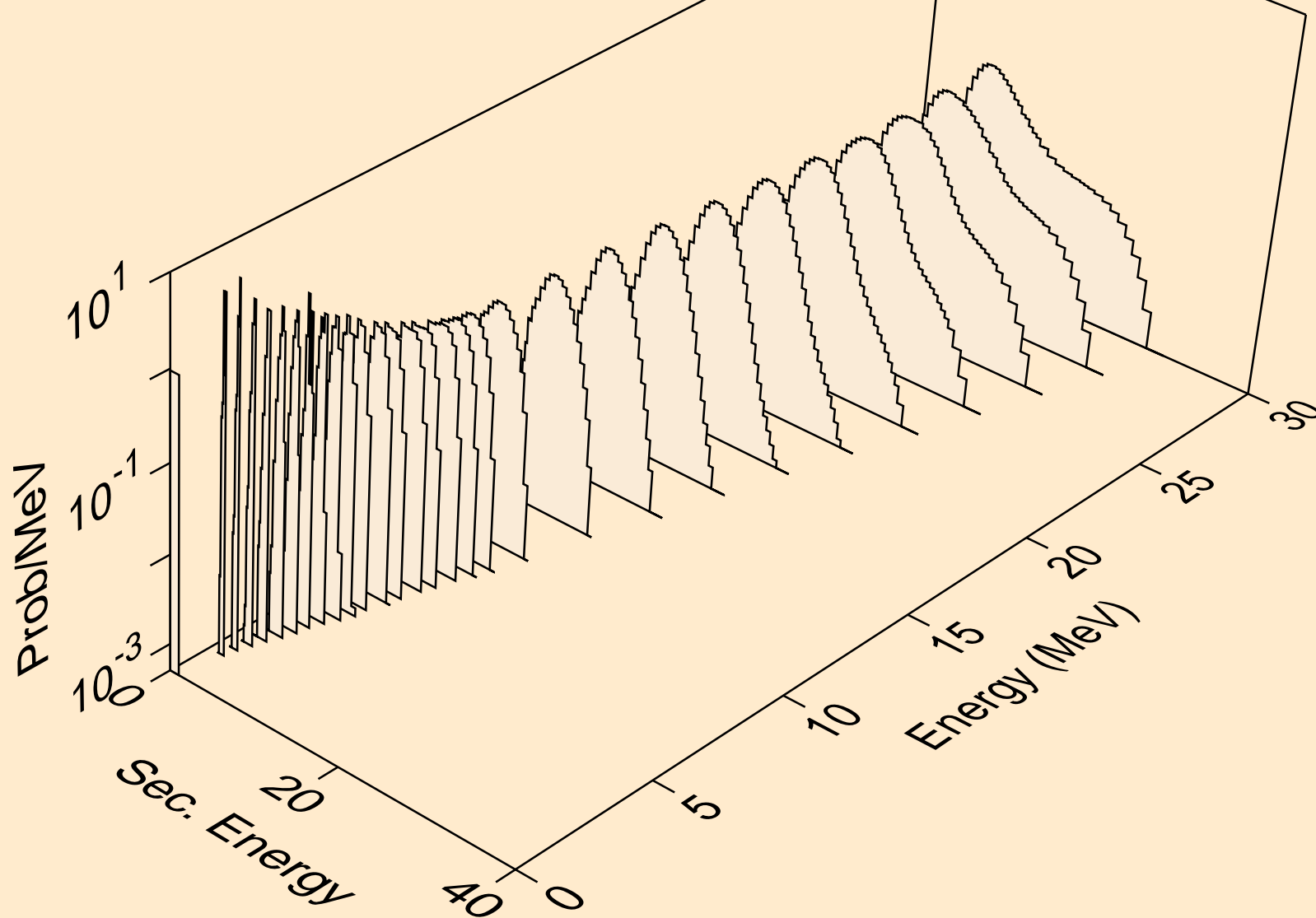
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



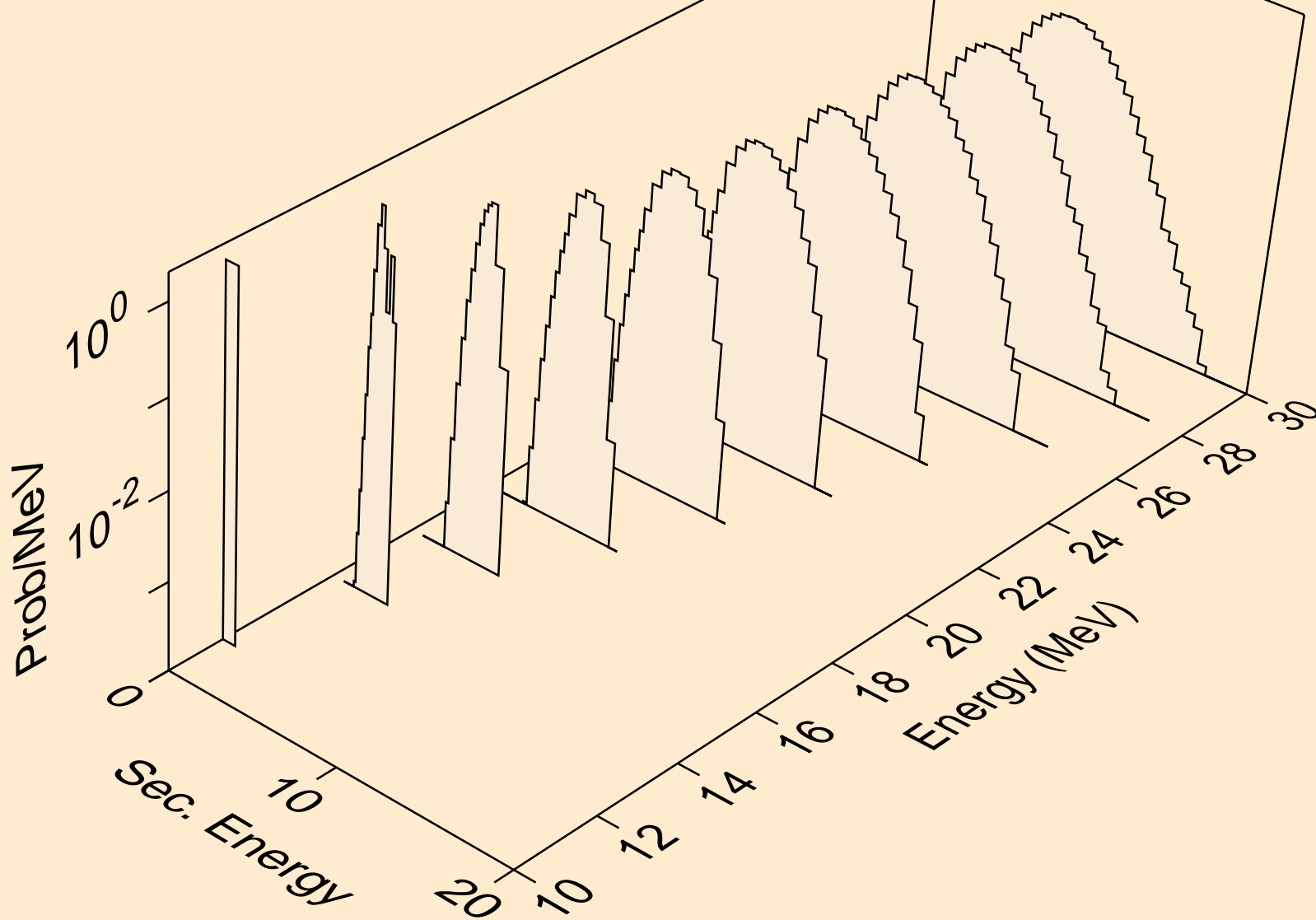
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



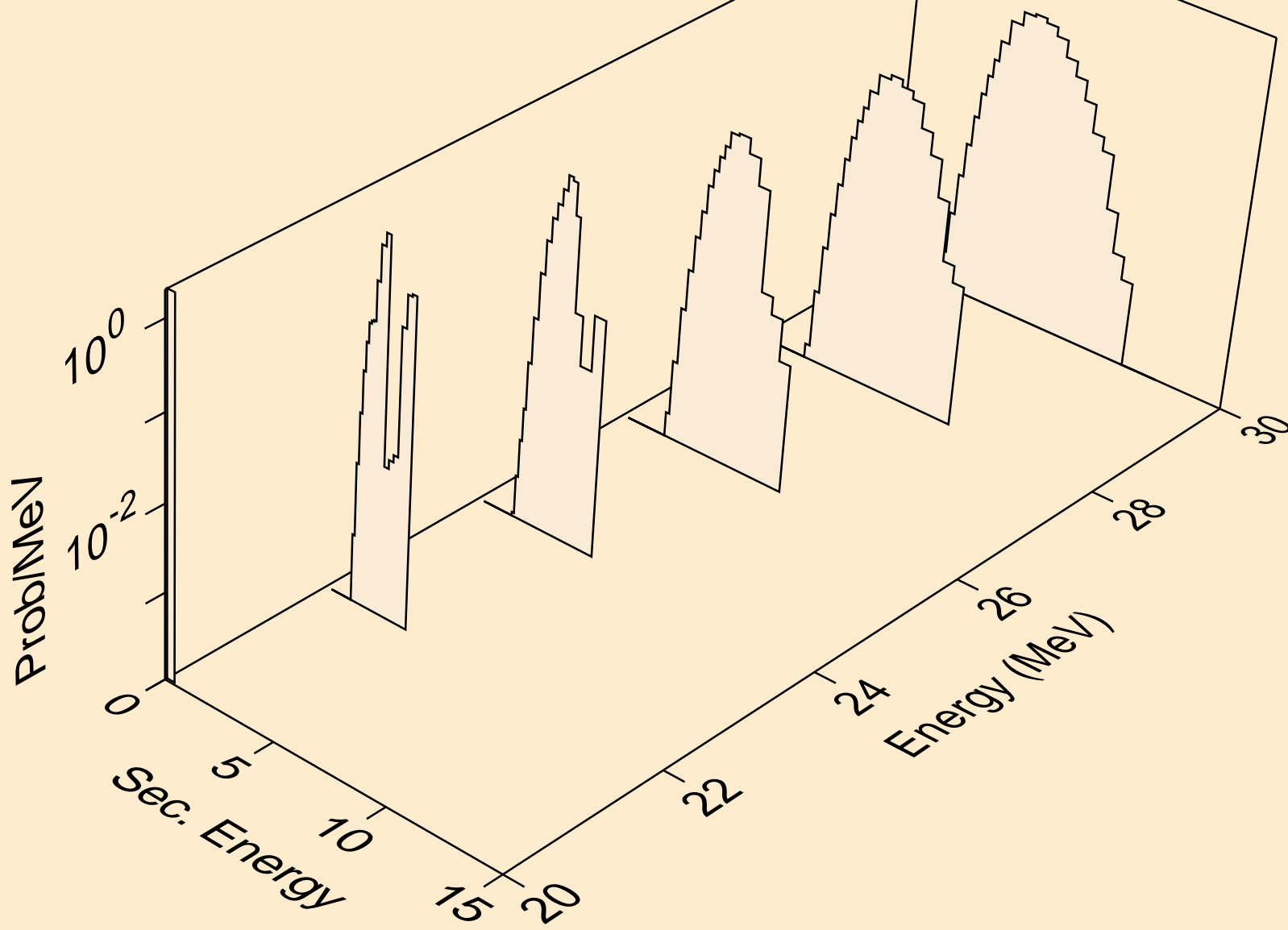
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



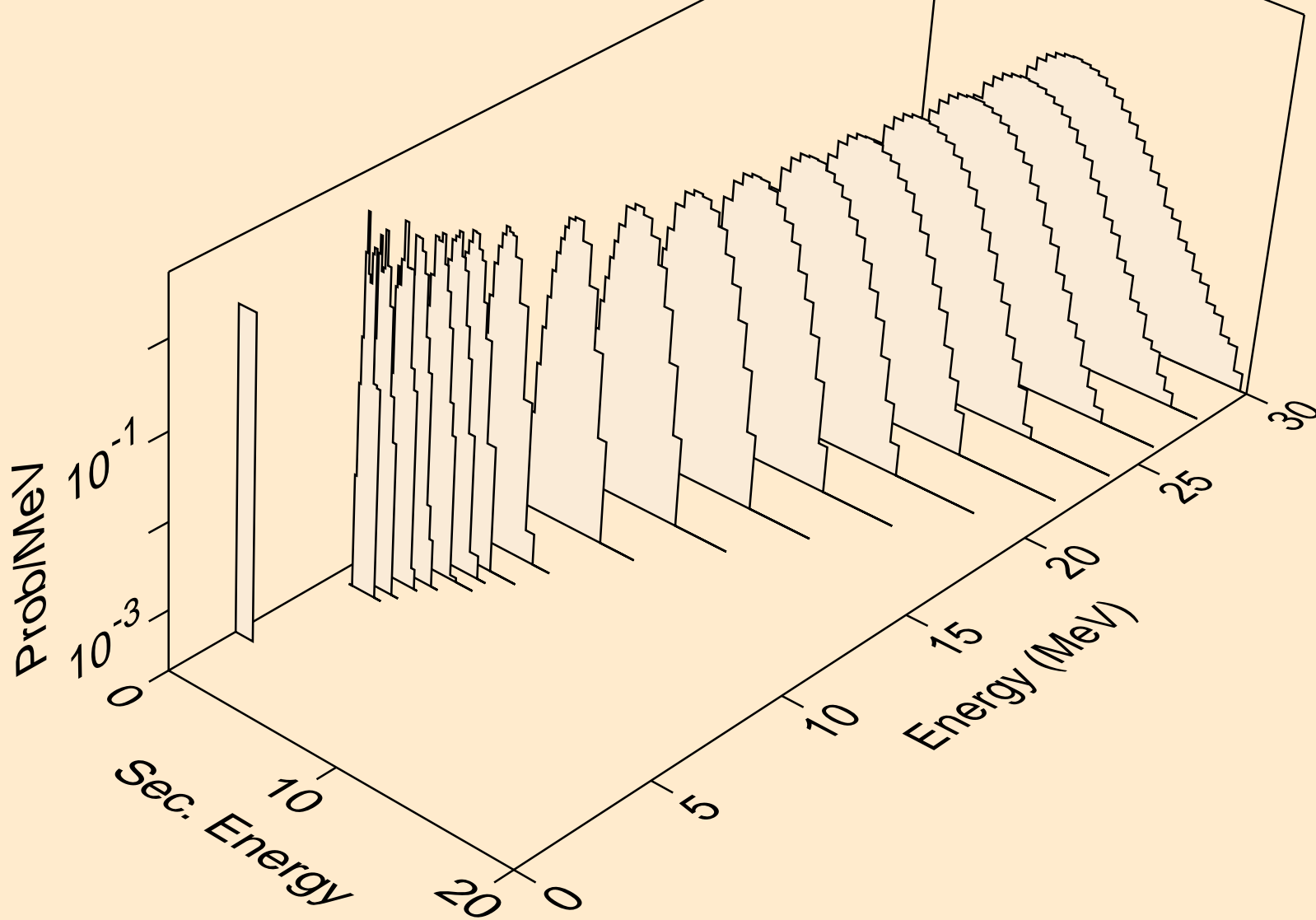
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



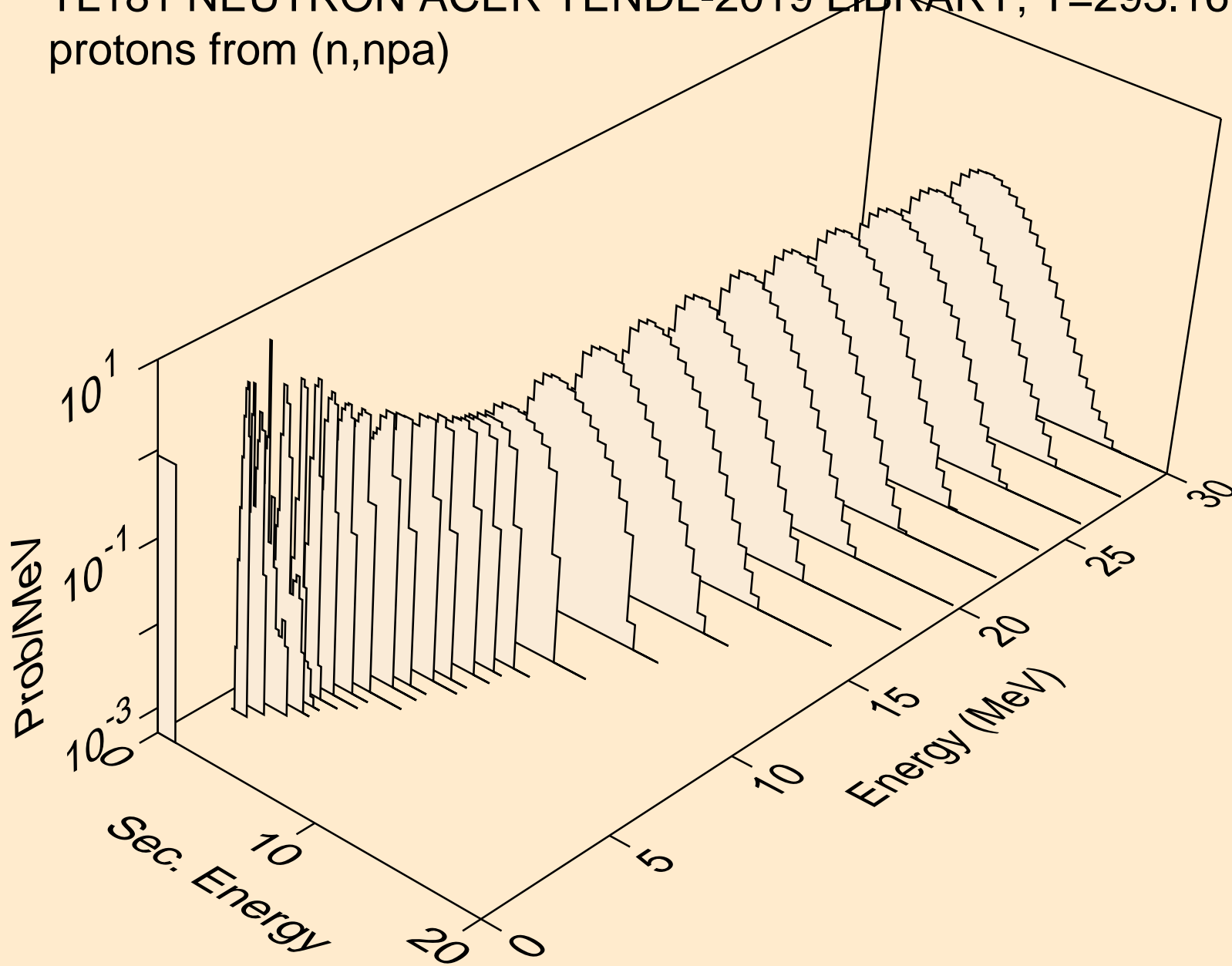
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



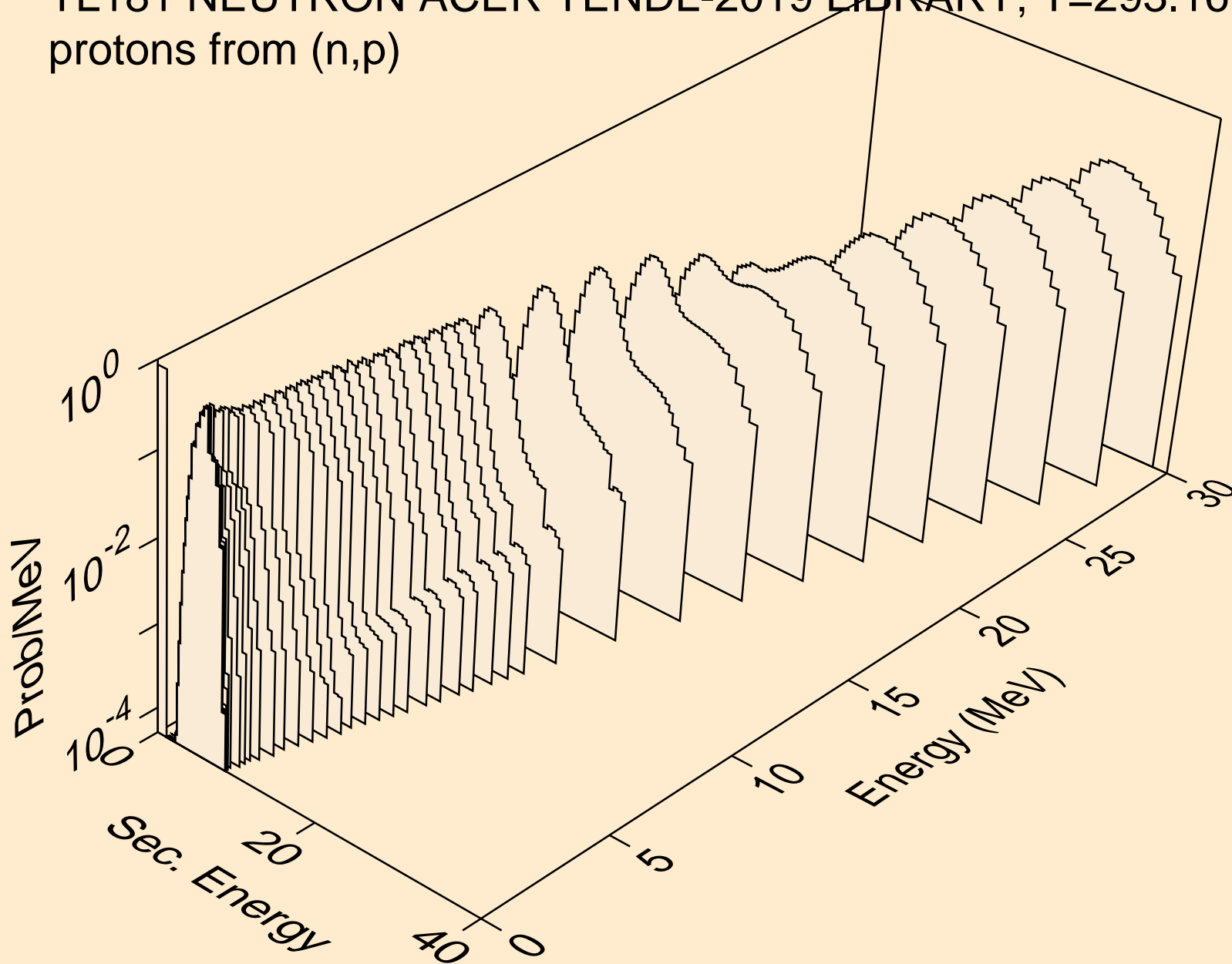
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



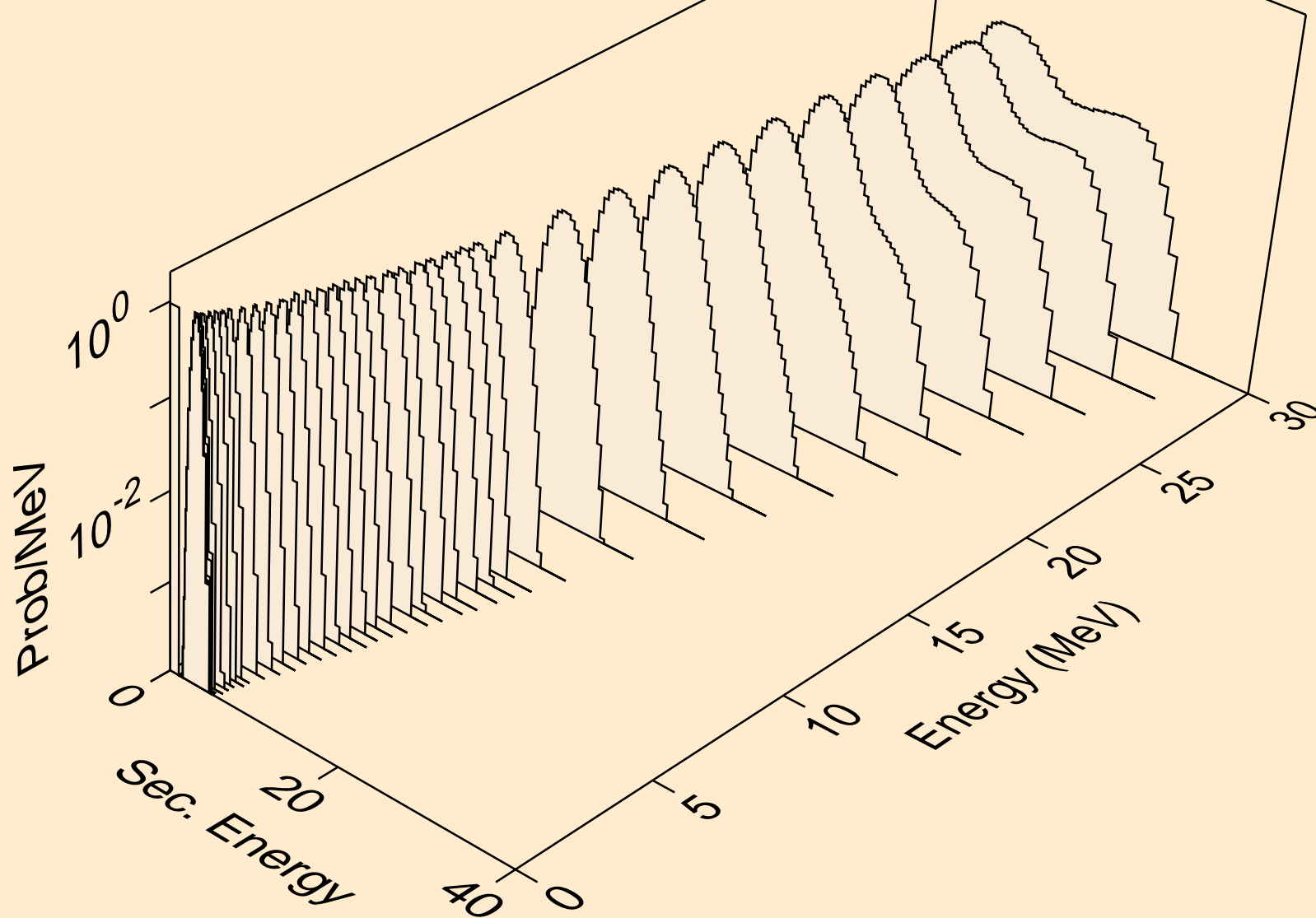
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



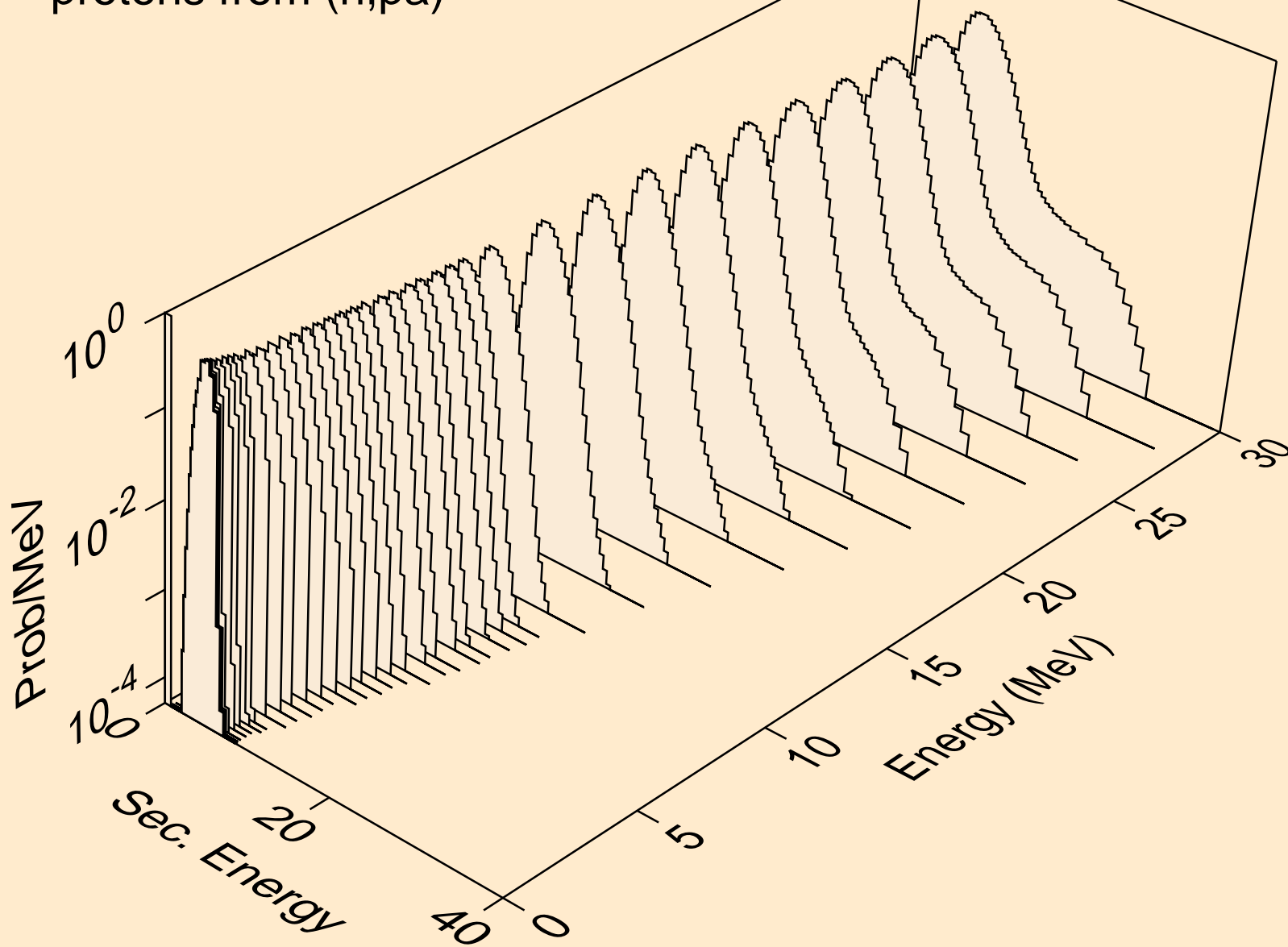
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protons from (n,p)



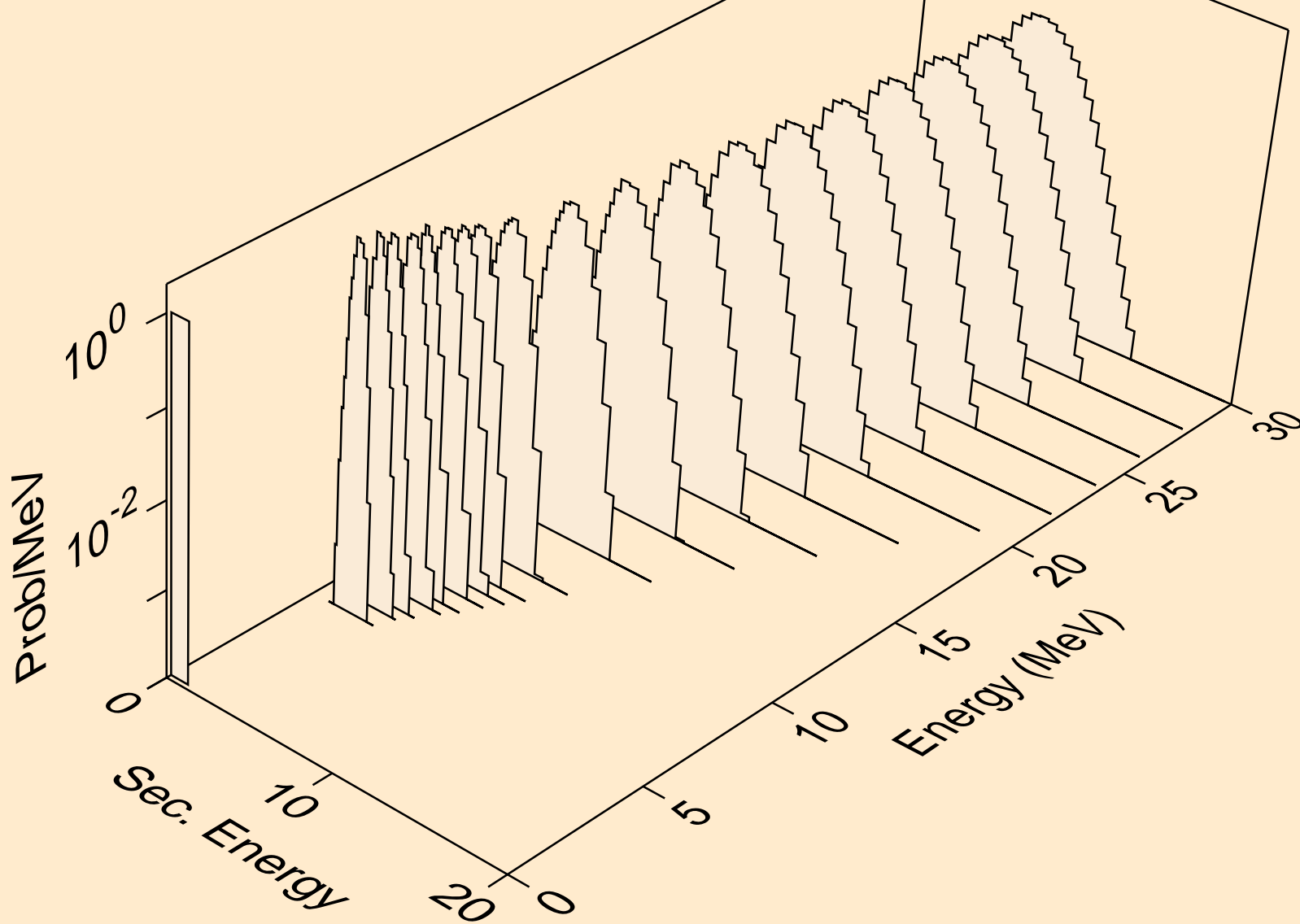
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protons from (n,2p)



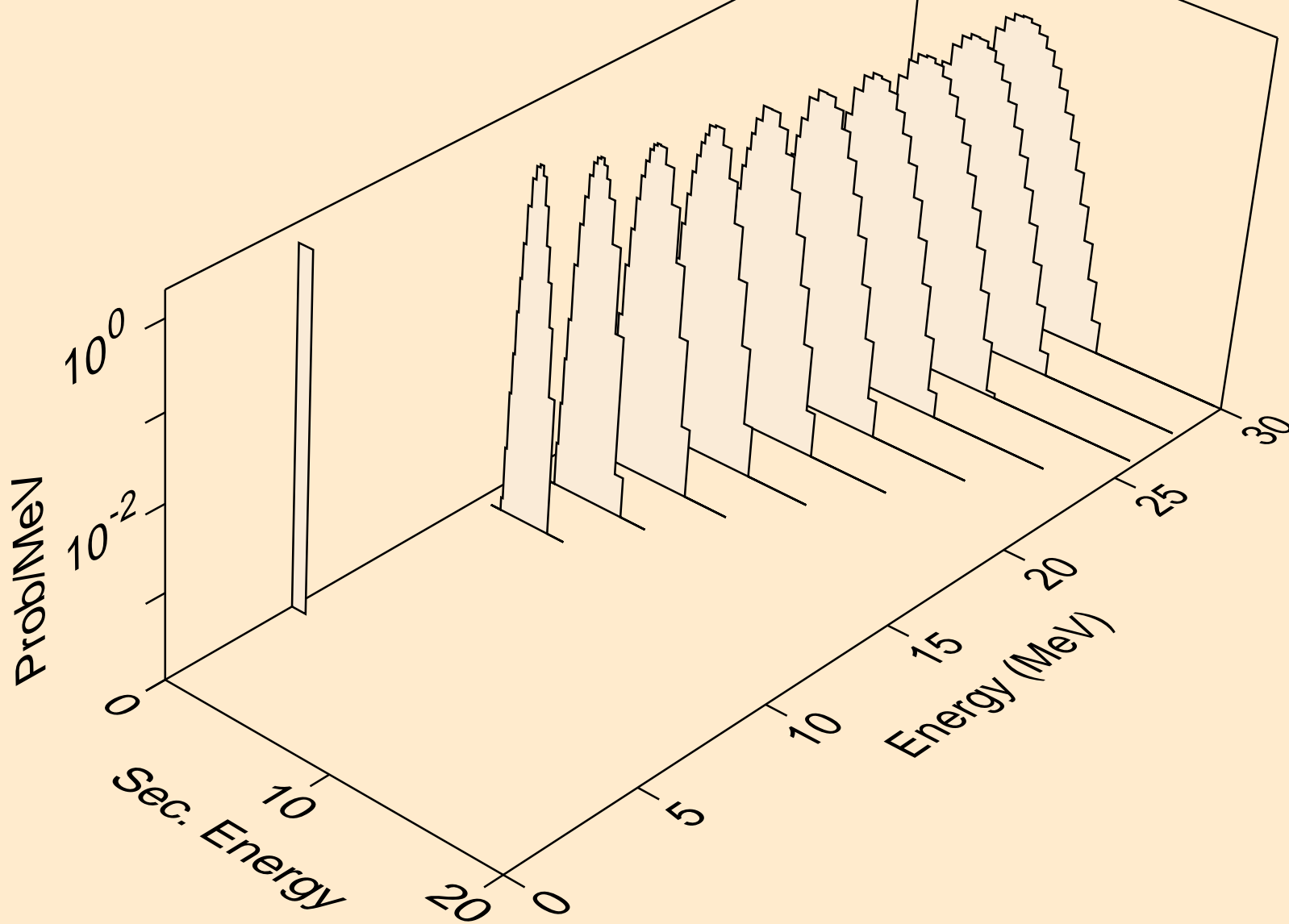
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



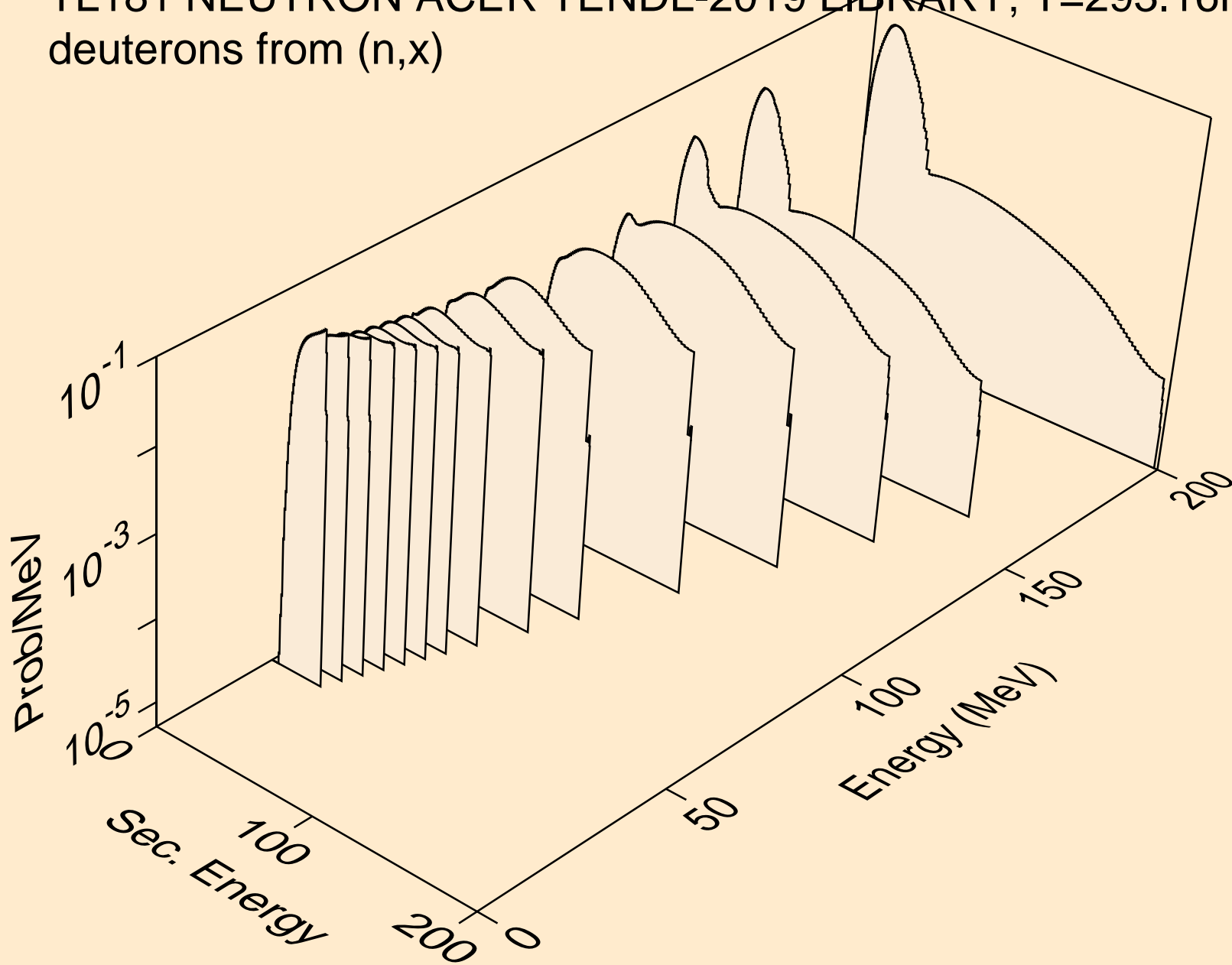
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



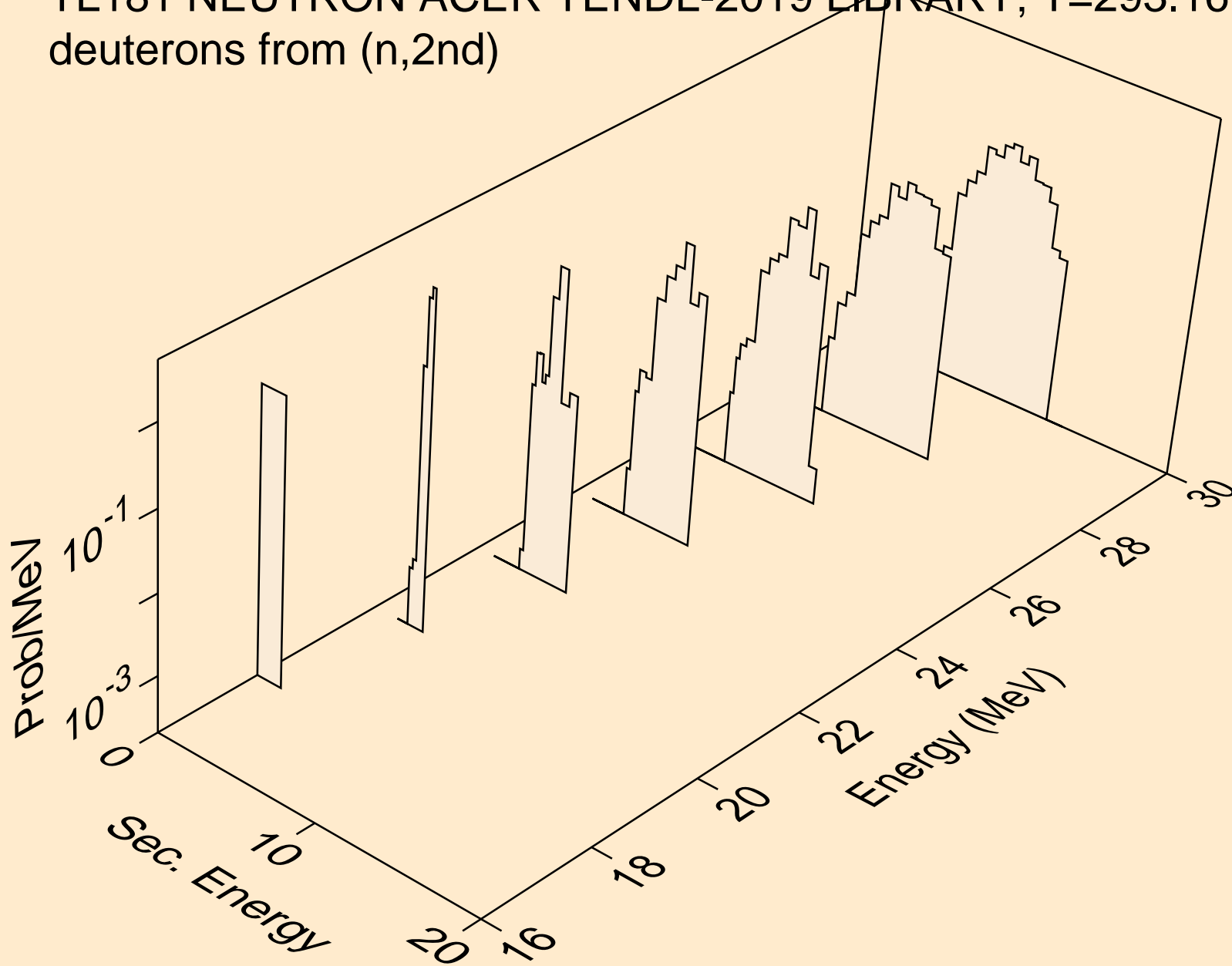
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



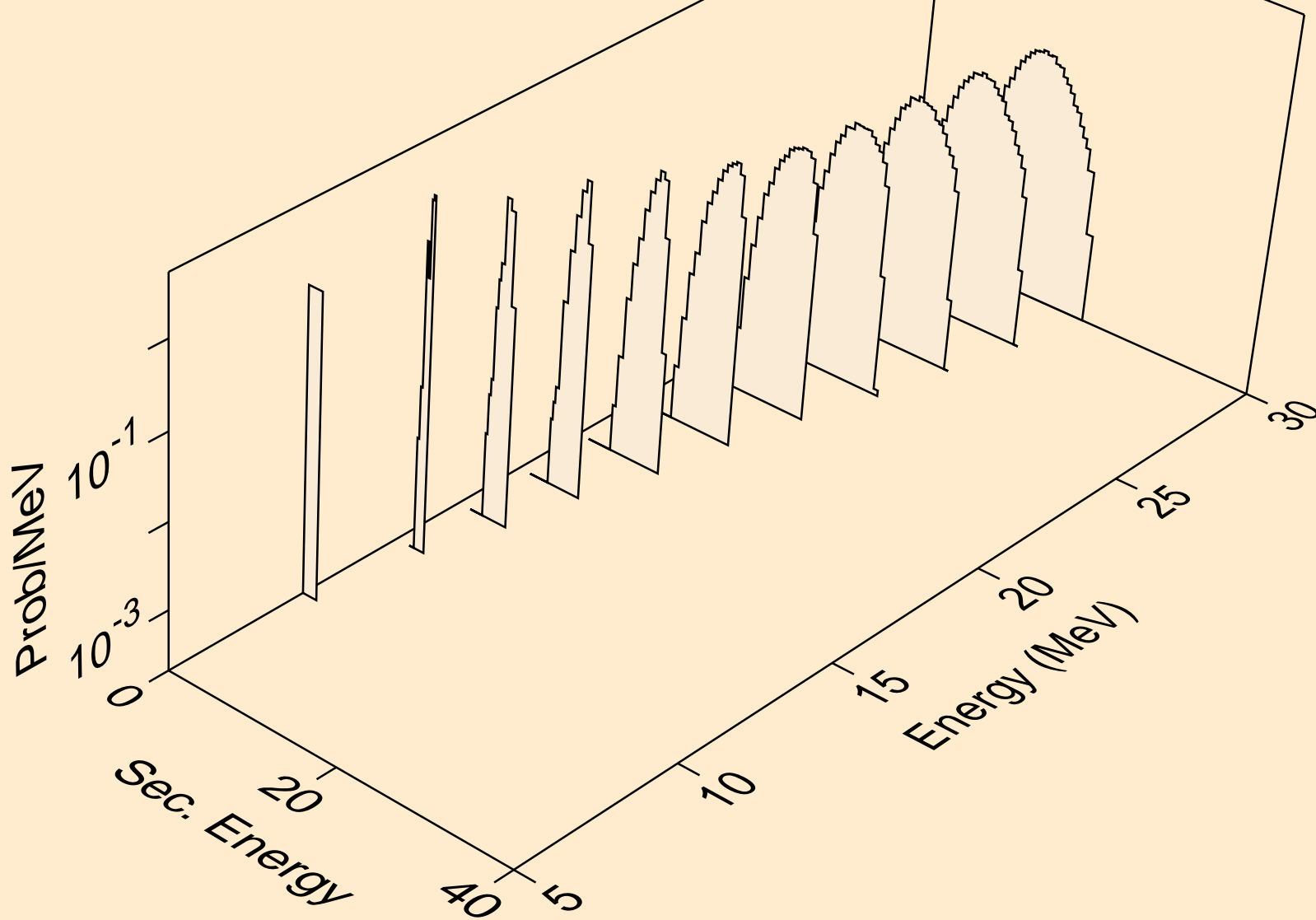
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



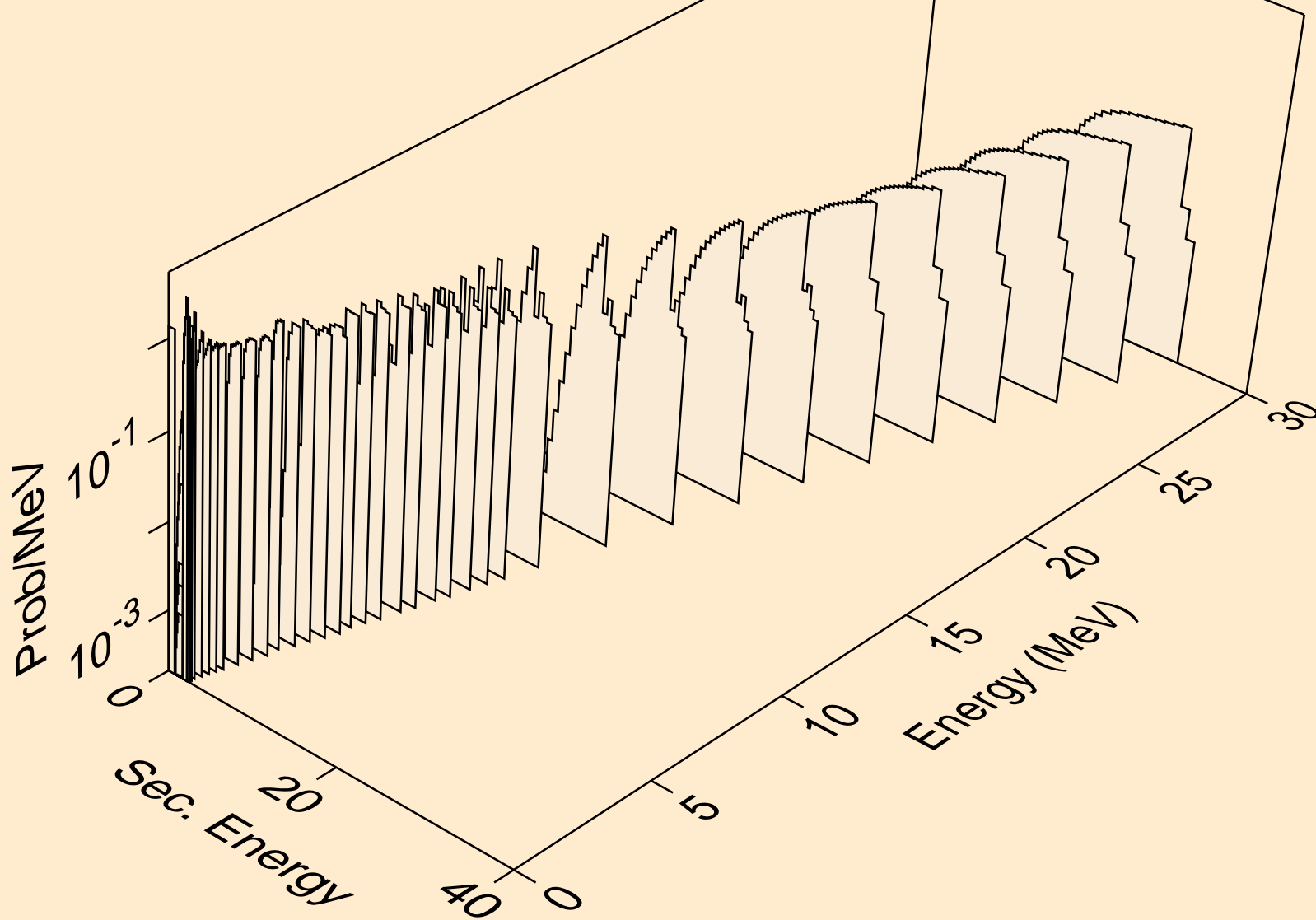
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



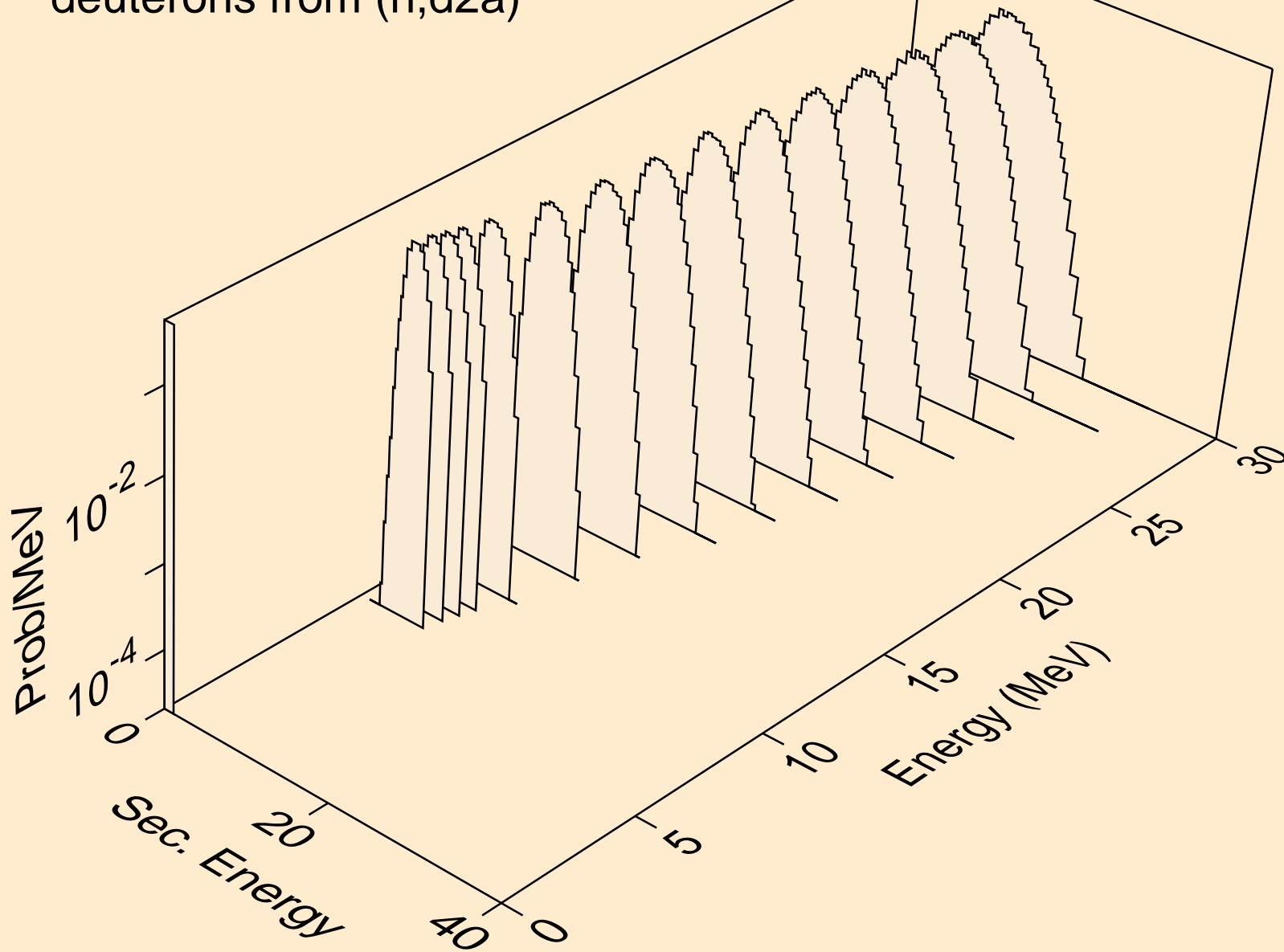
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



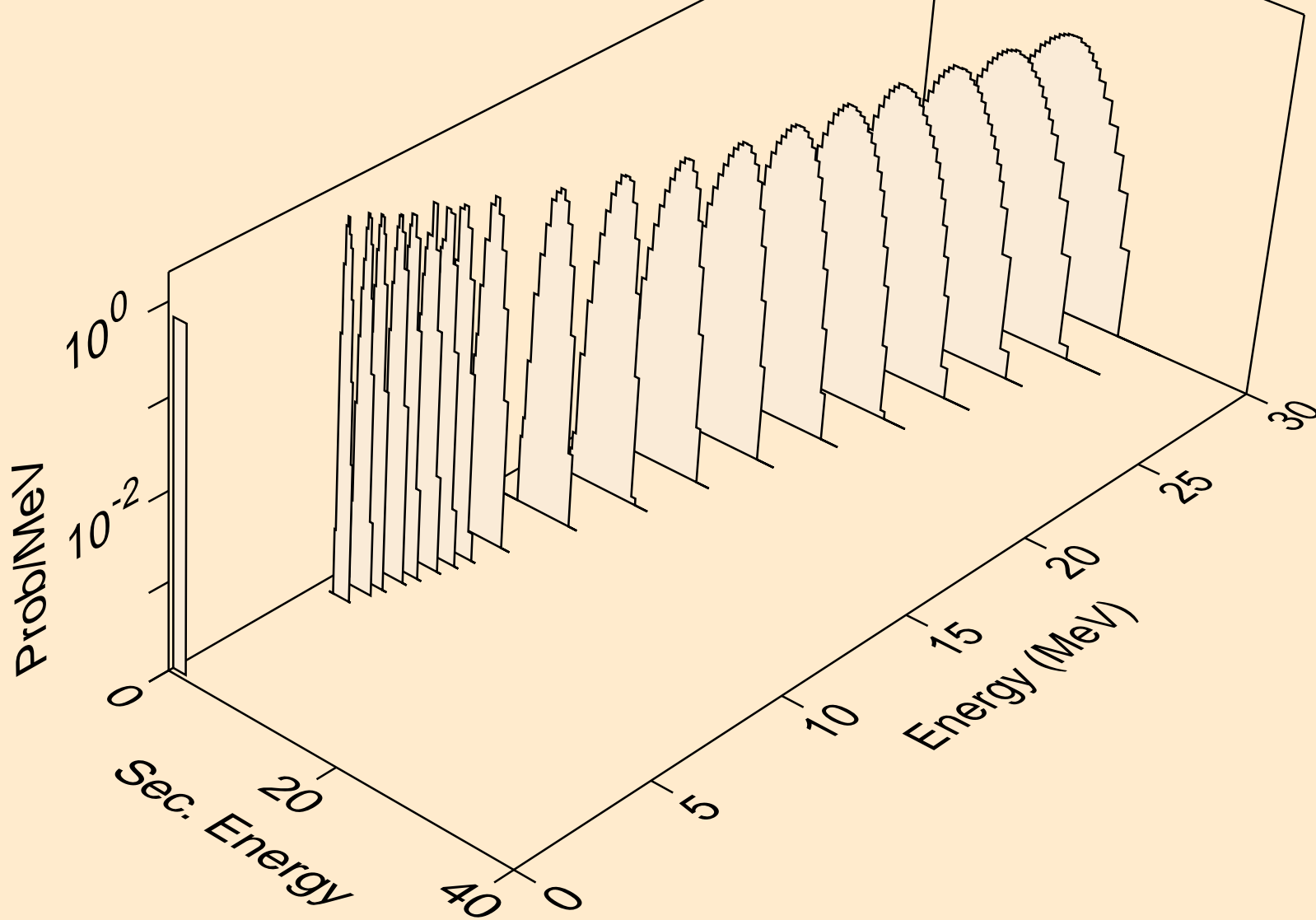
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



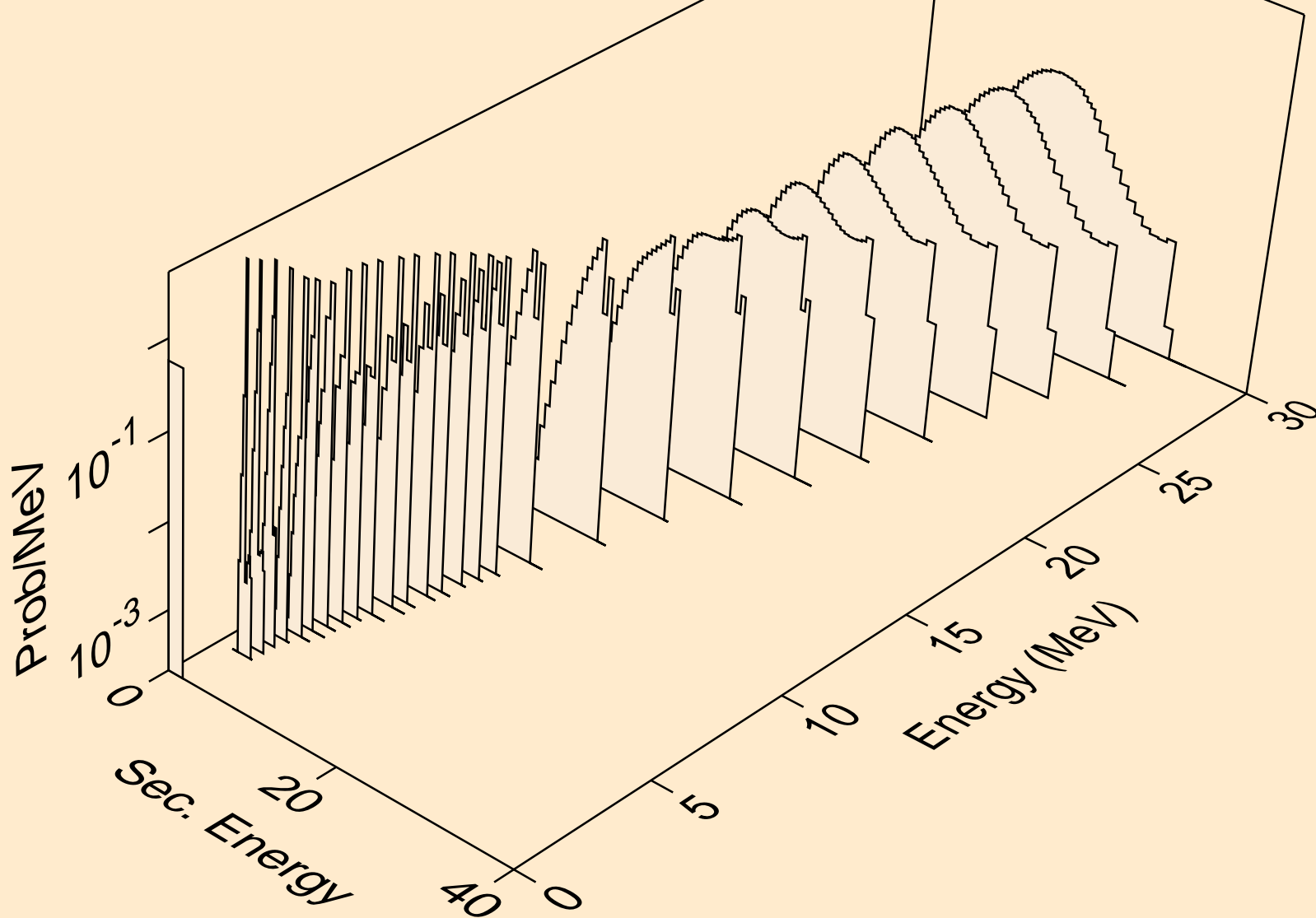
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d2a)



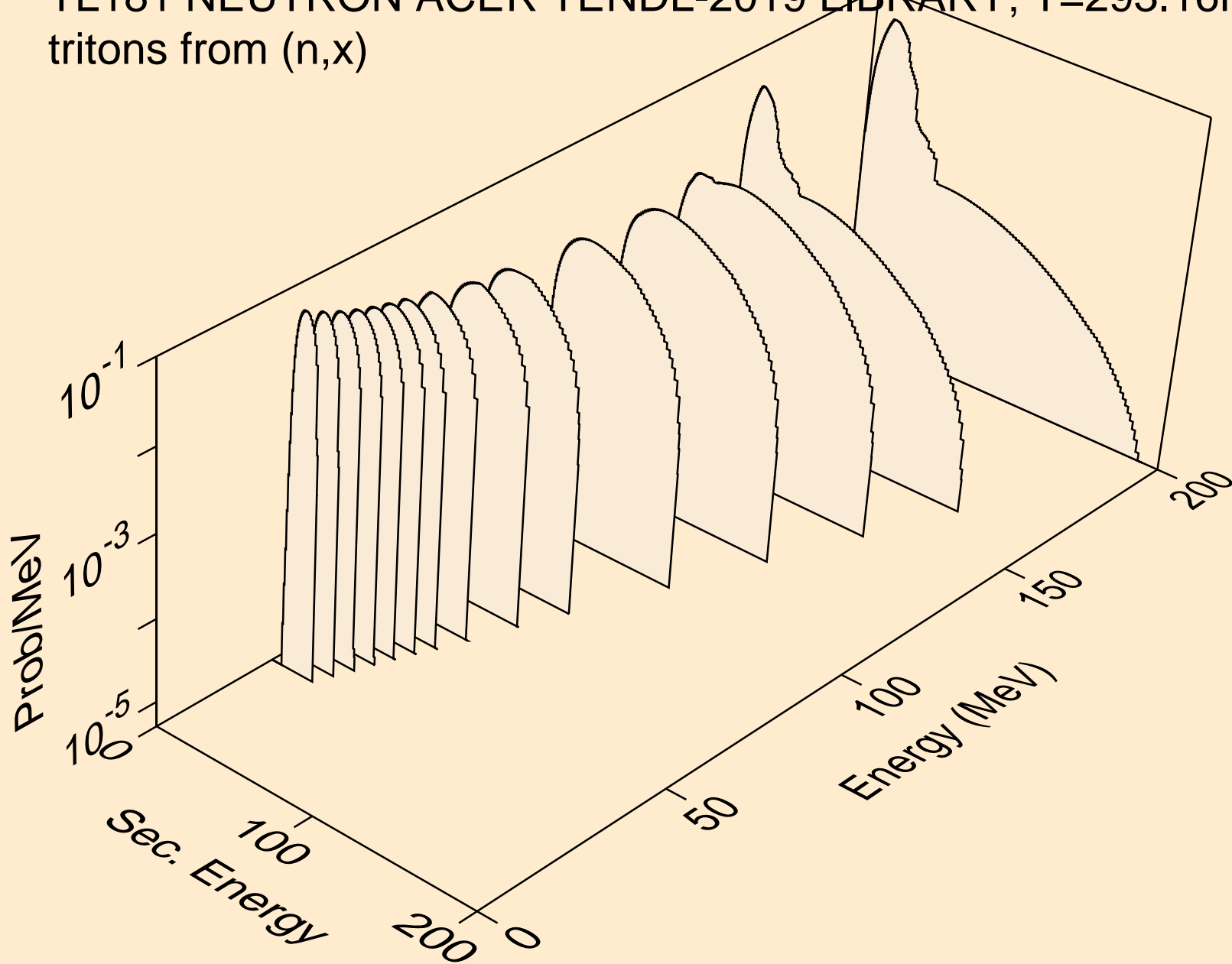
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



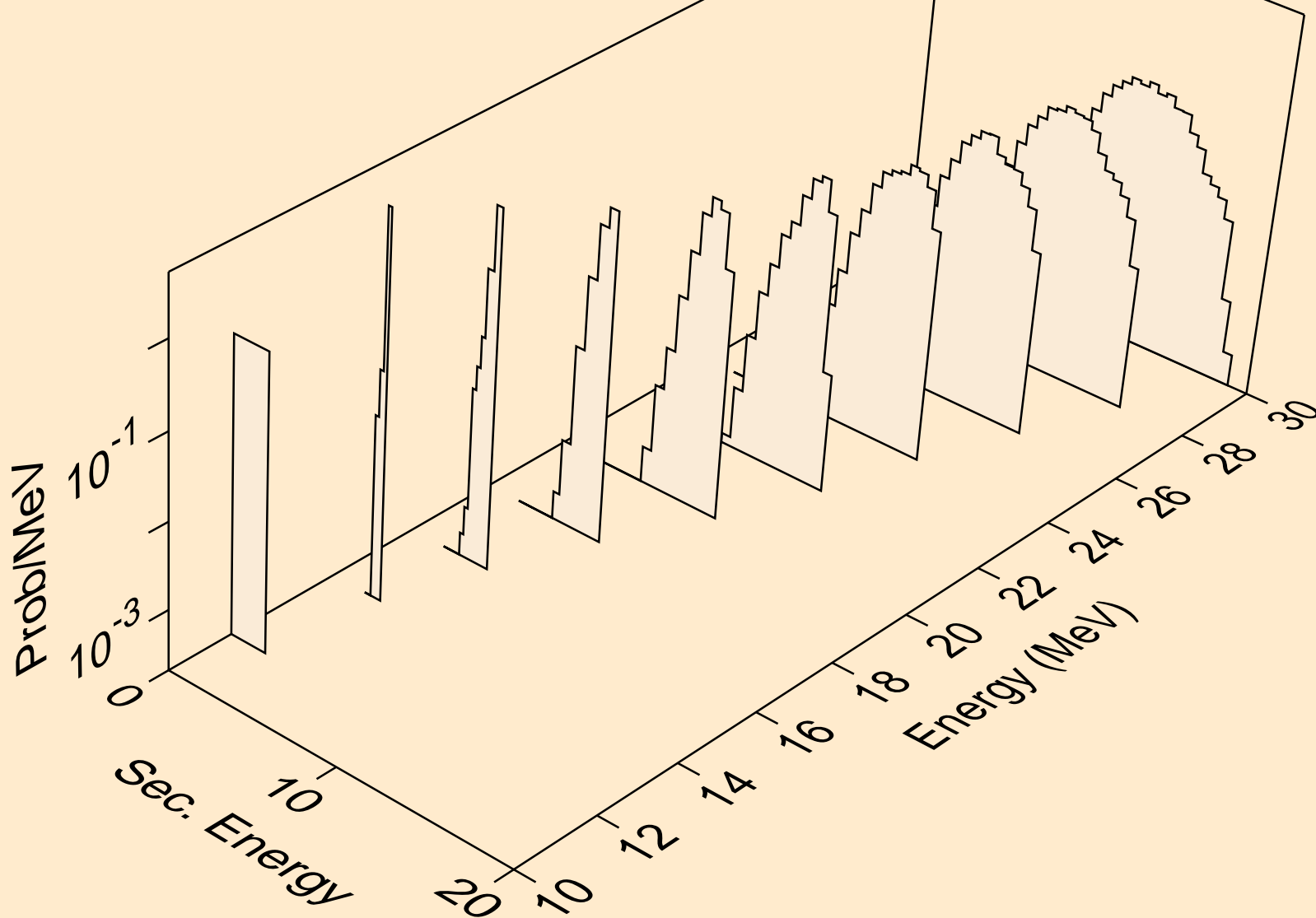
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deuterons from (n,da)



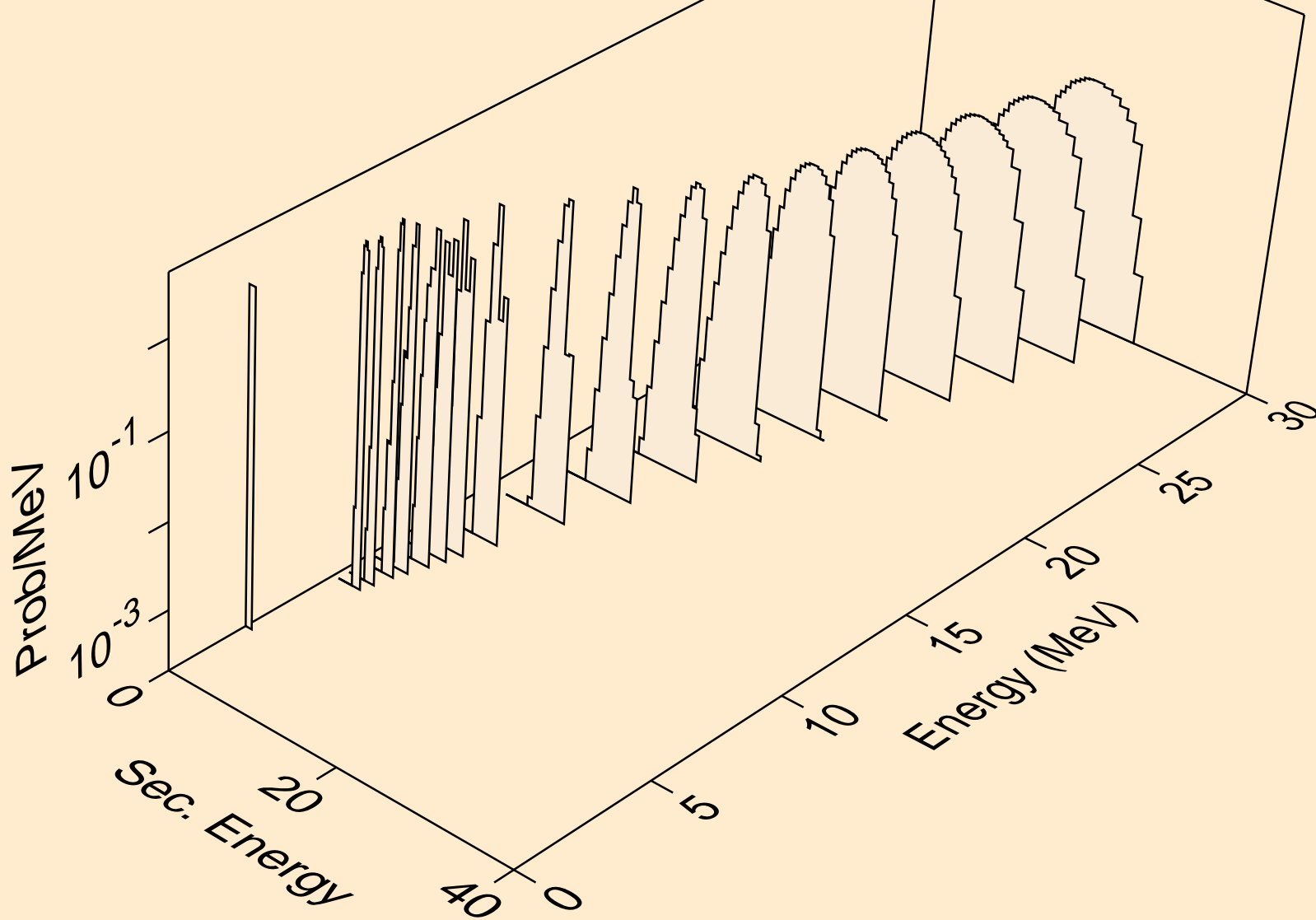
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



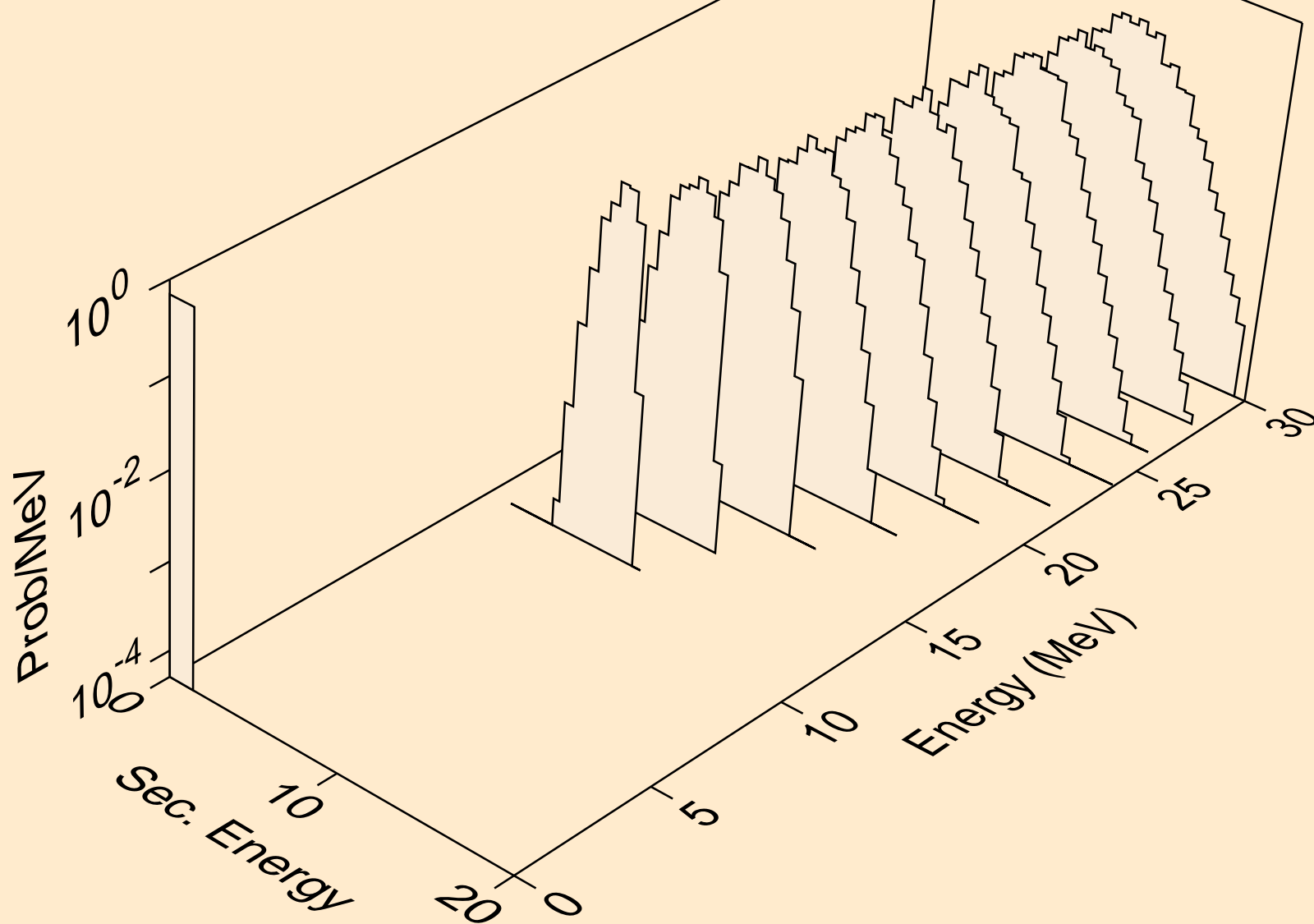
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



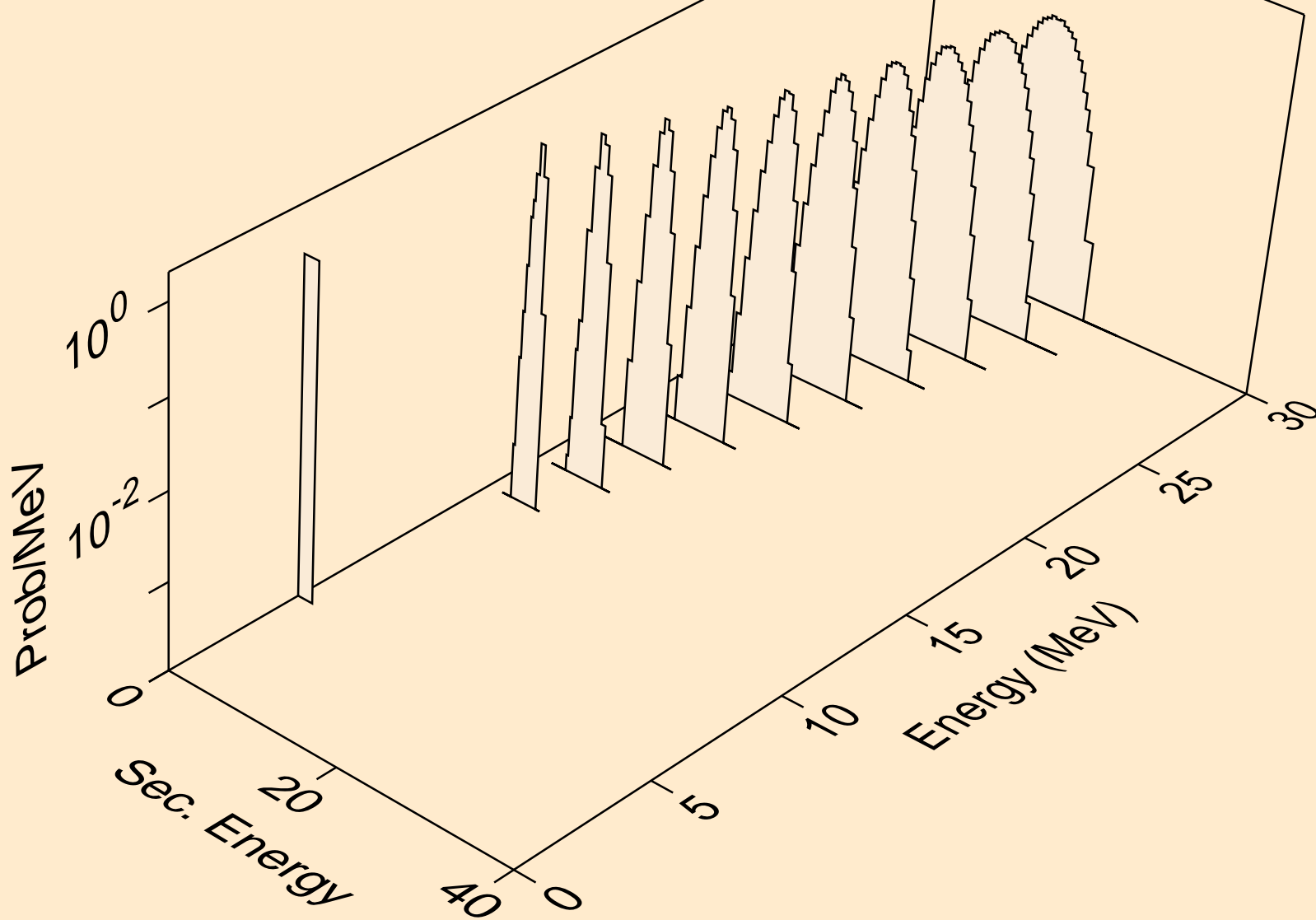
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tritons from (n,t)



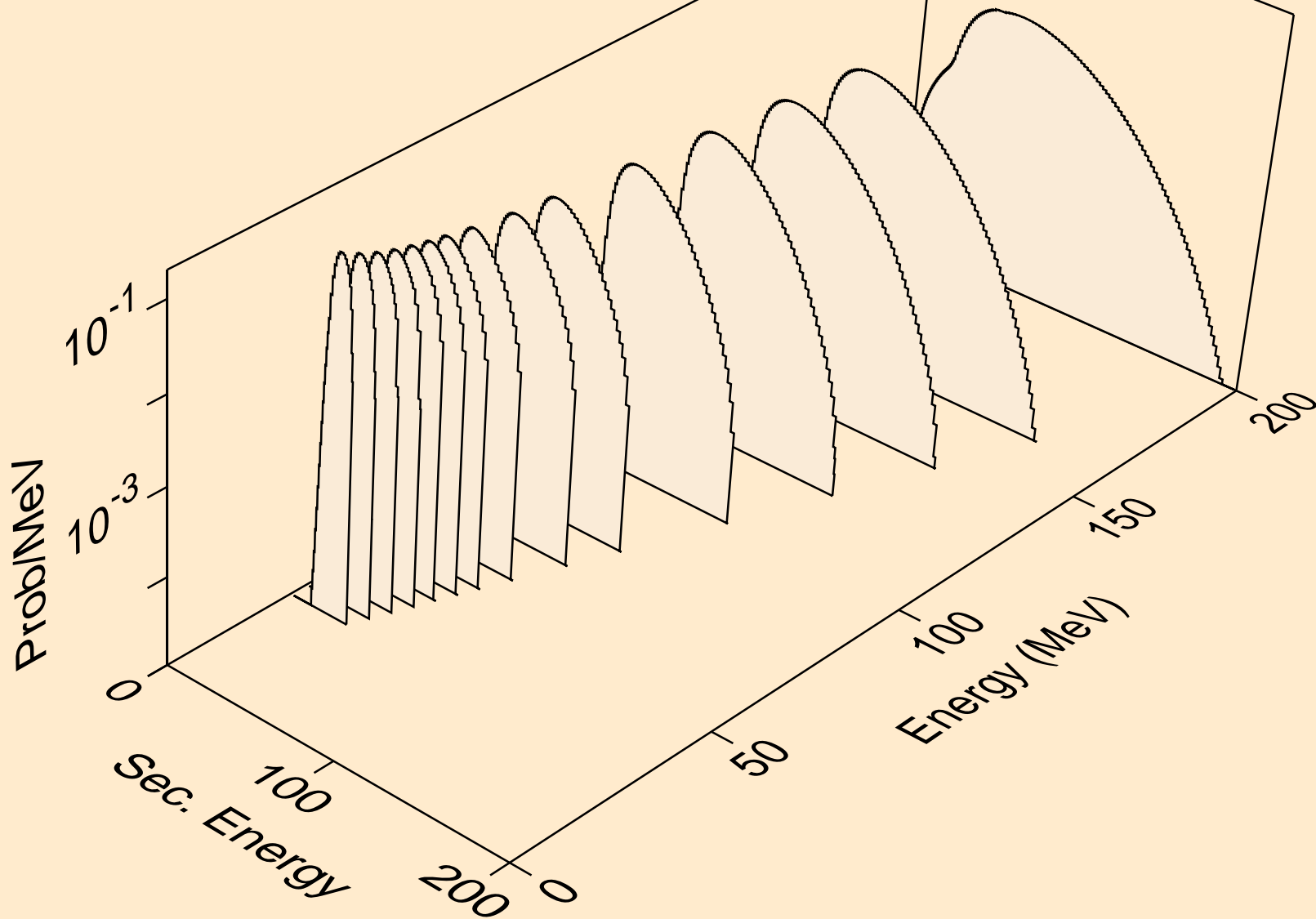
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t2a)



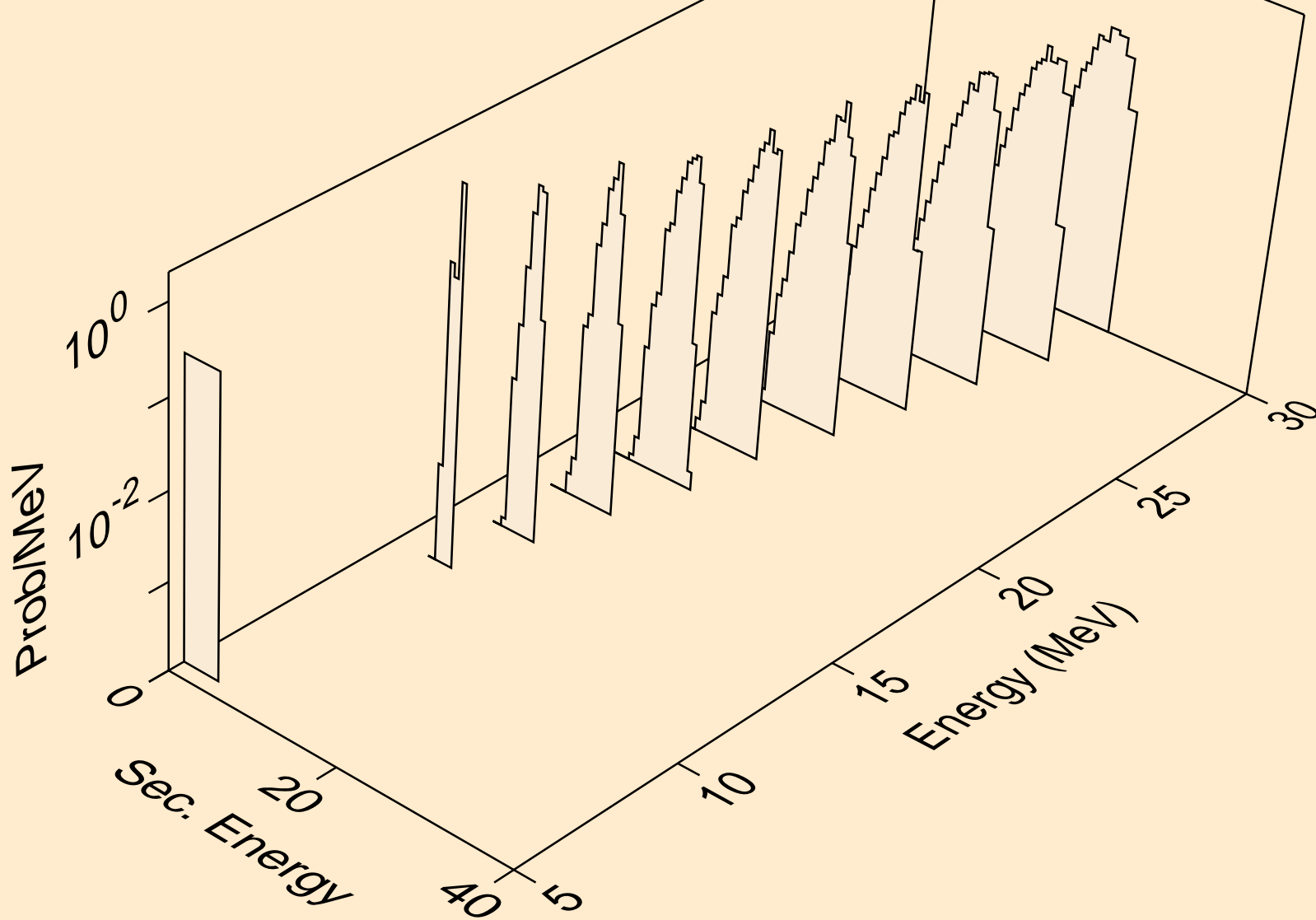
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



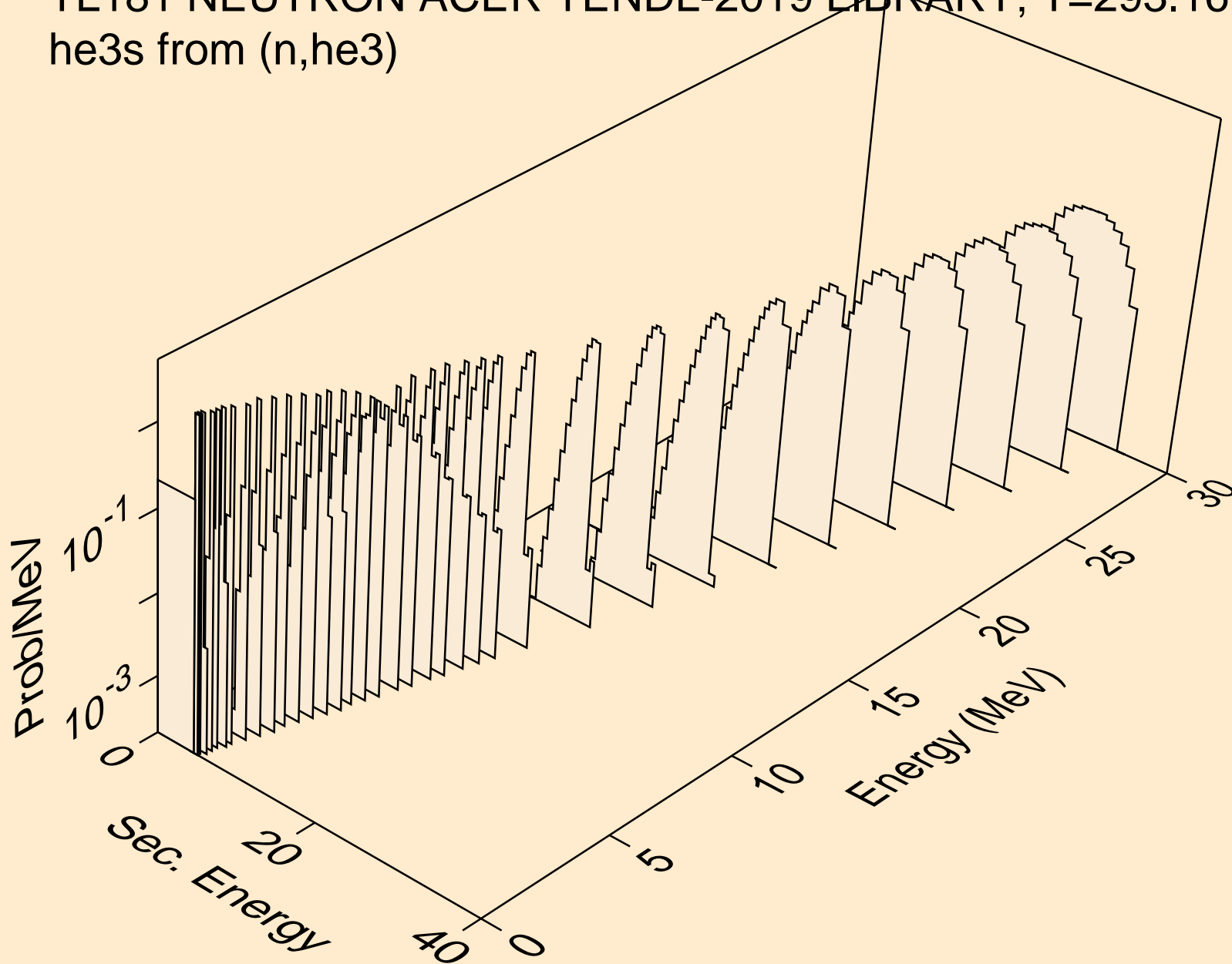
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



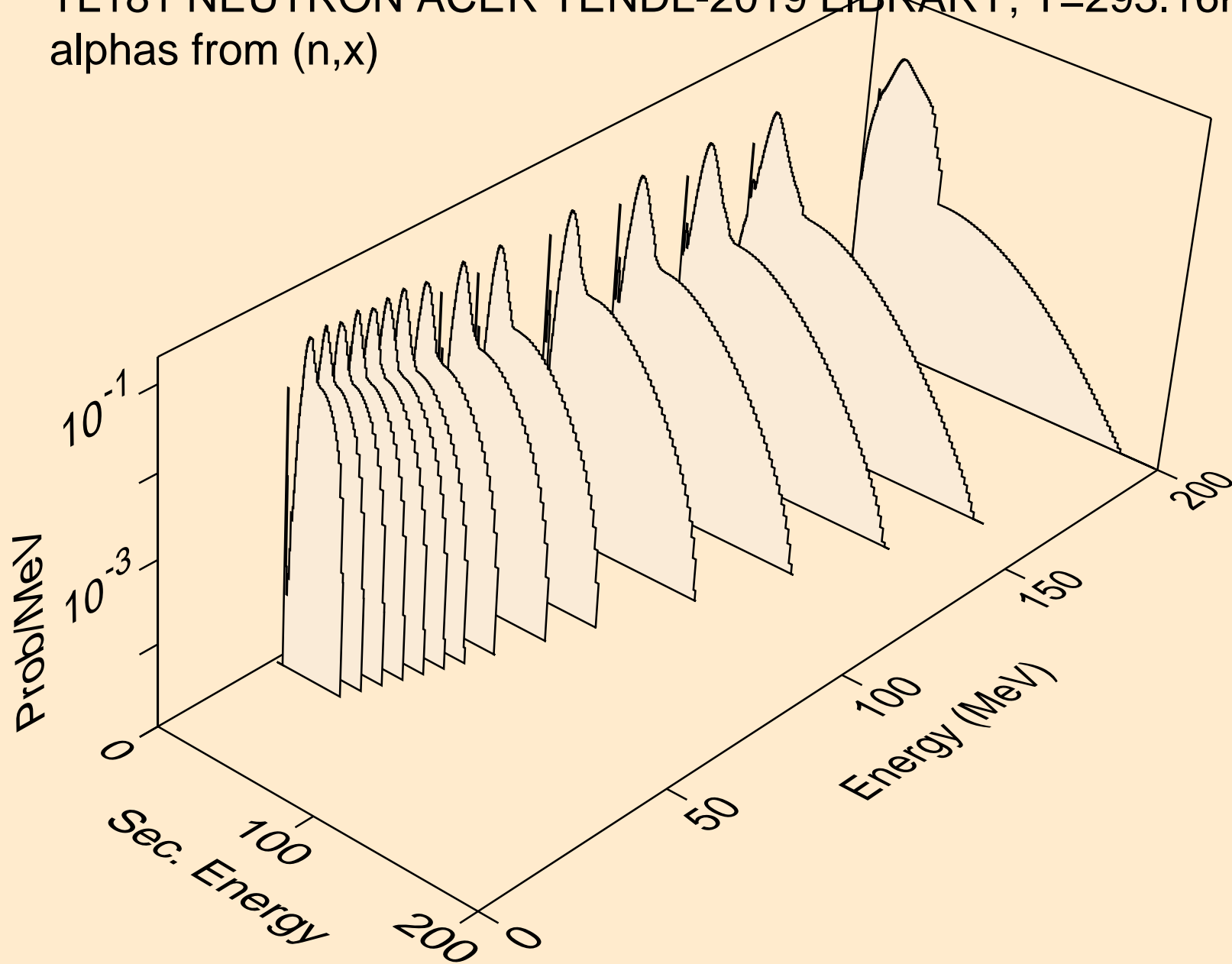
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



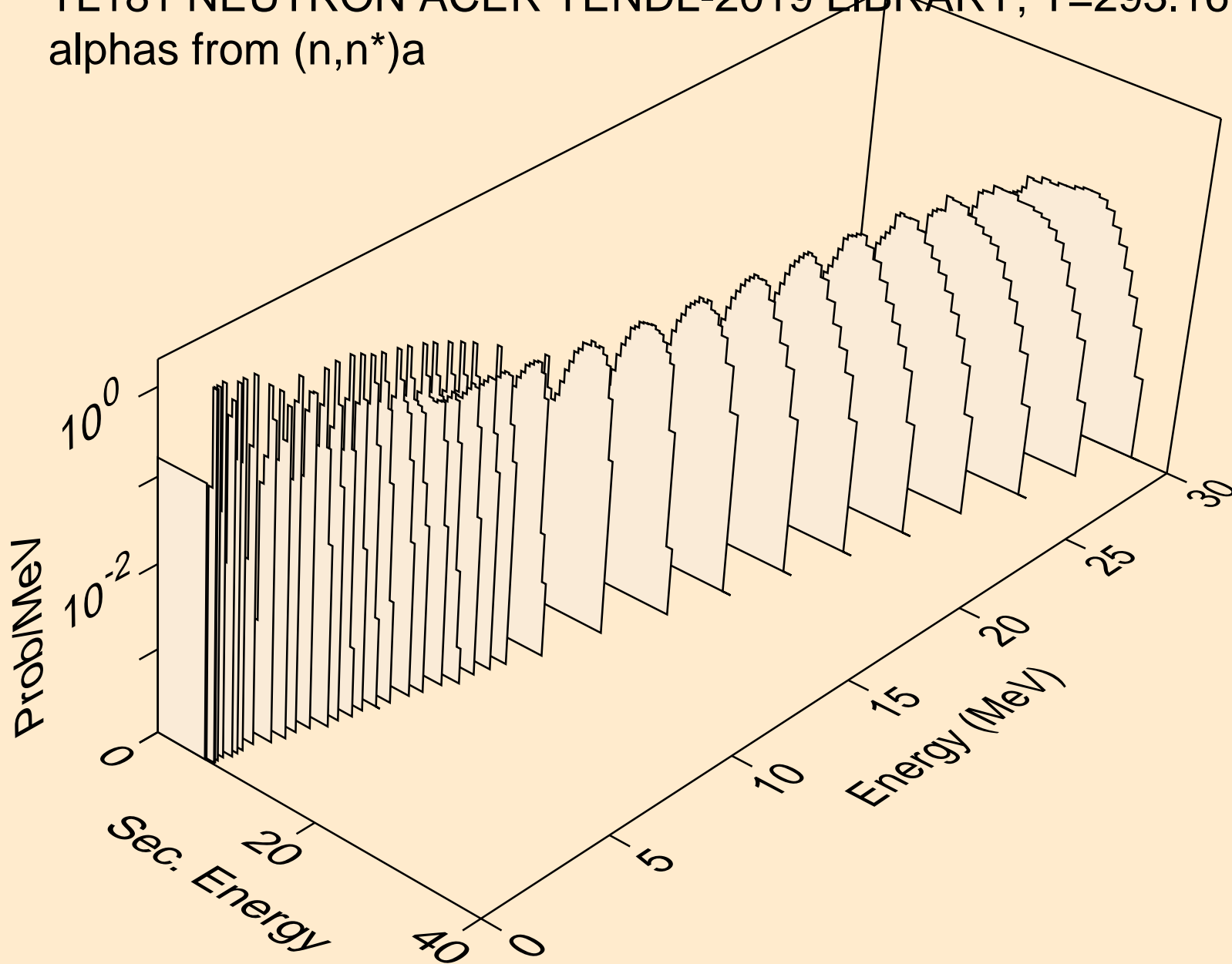
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



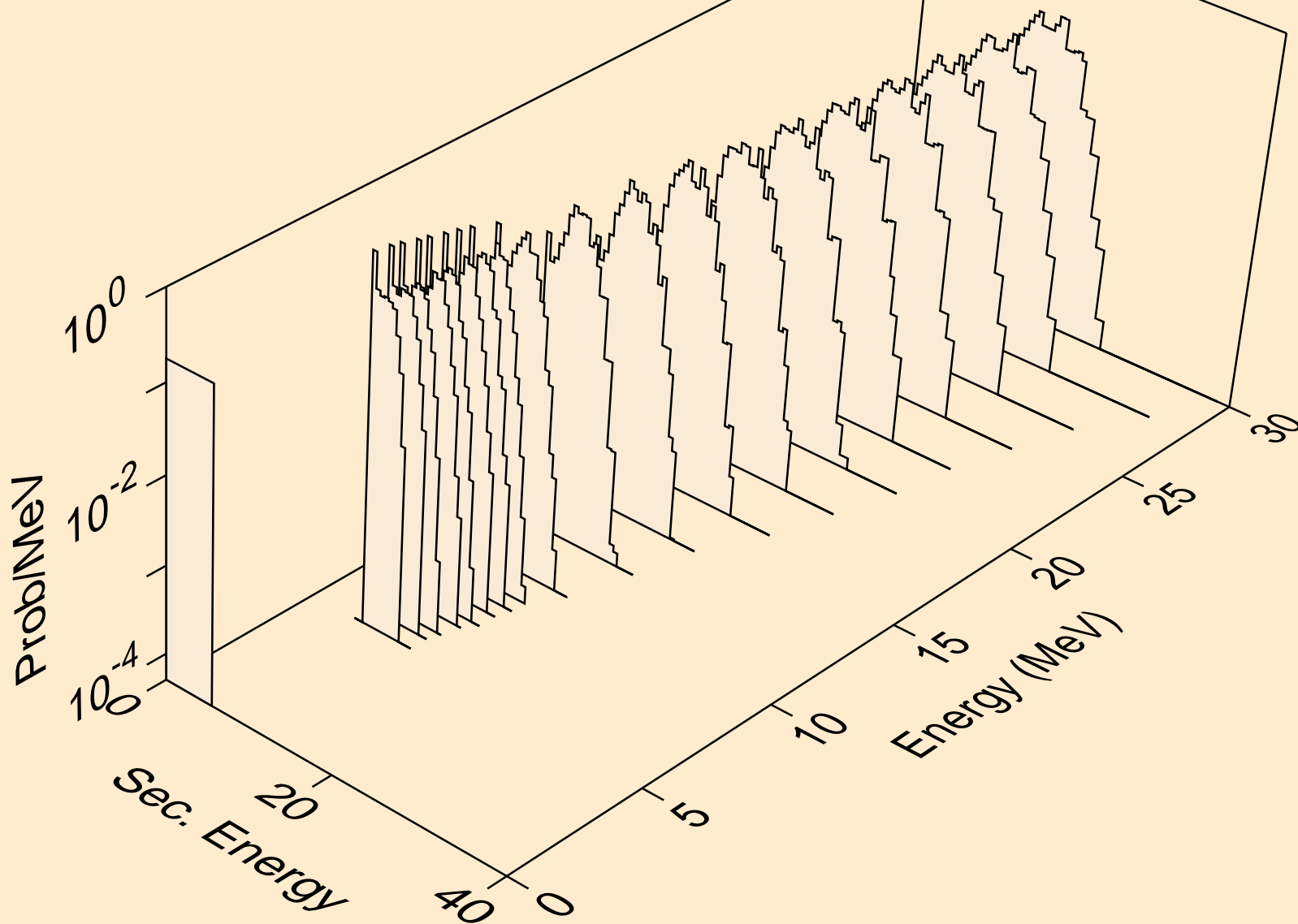
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



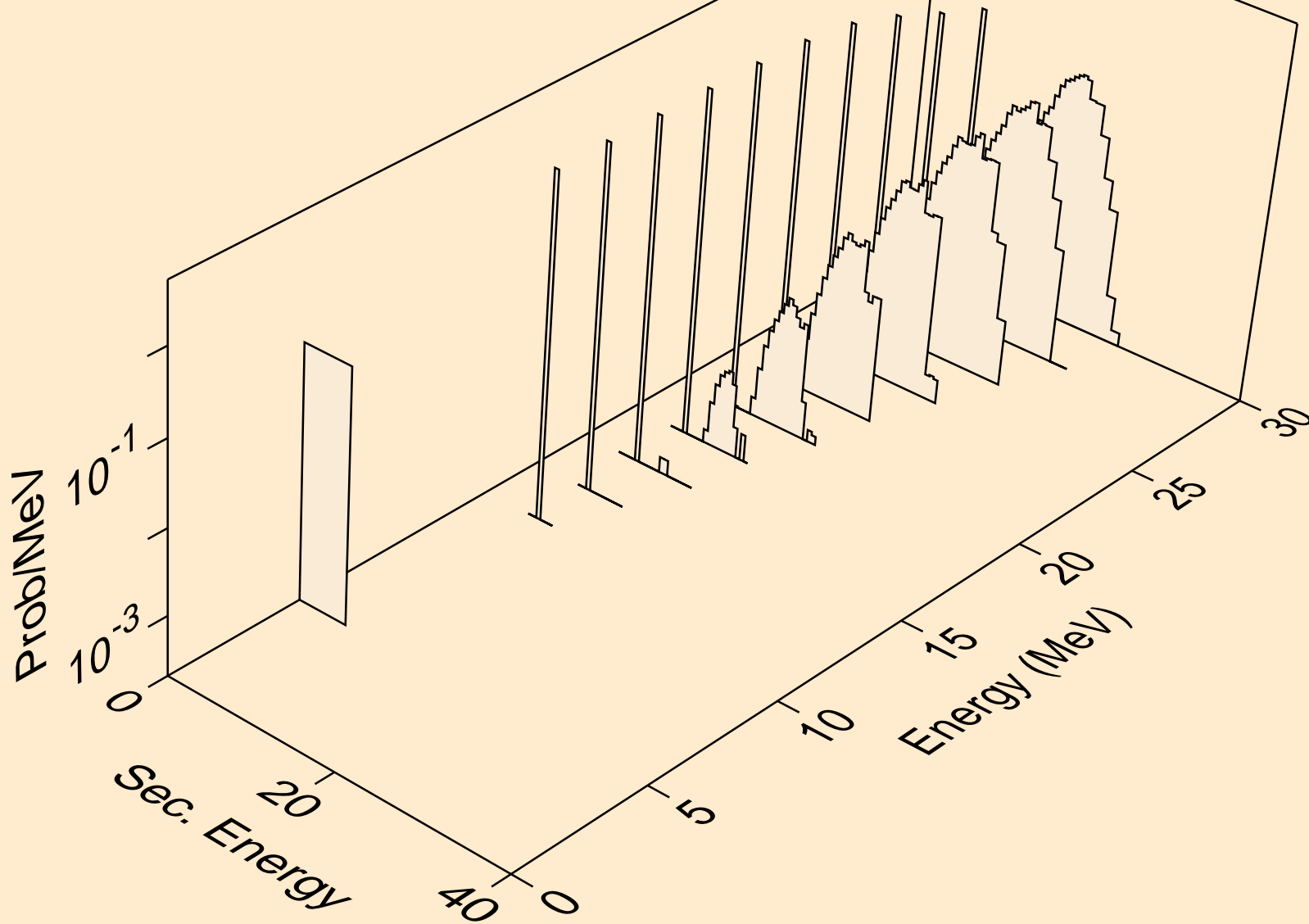
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



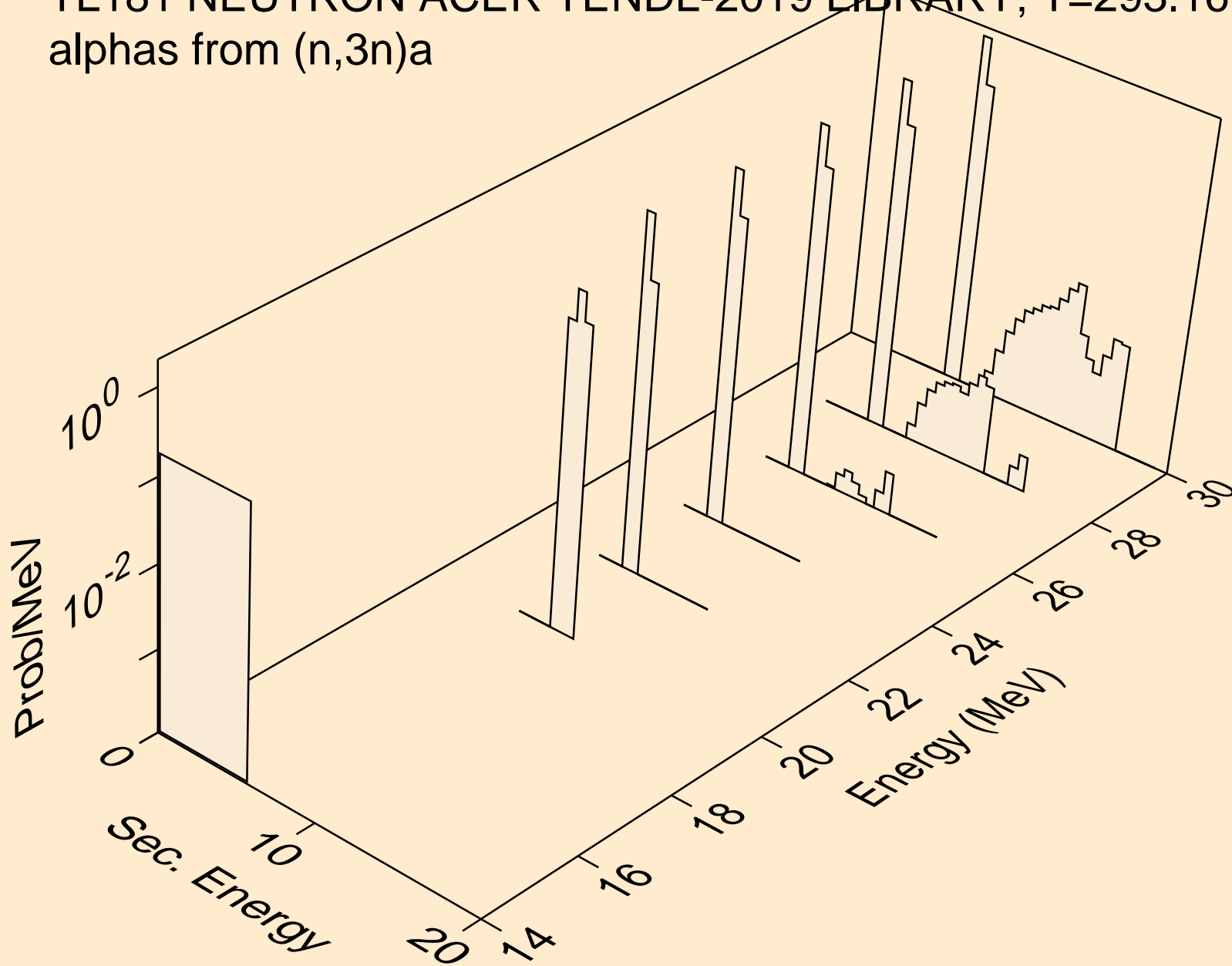
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)3a



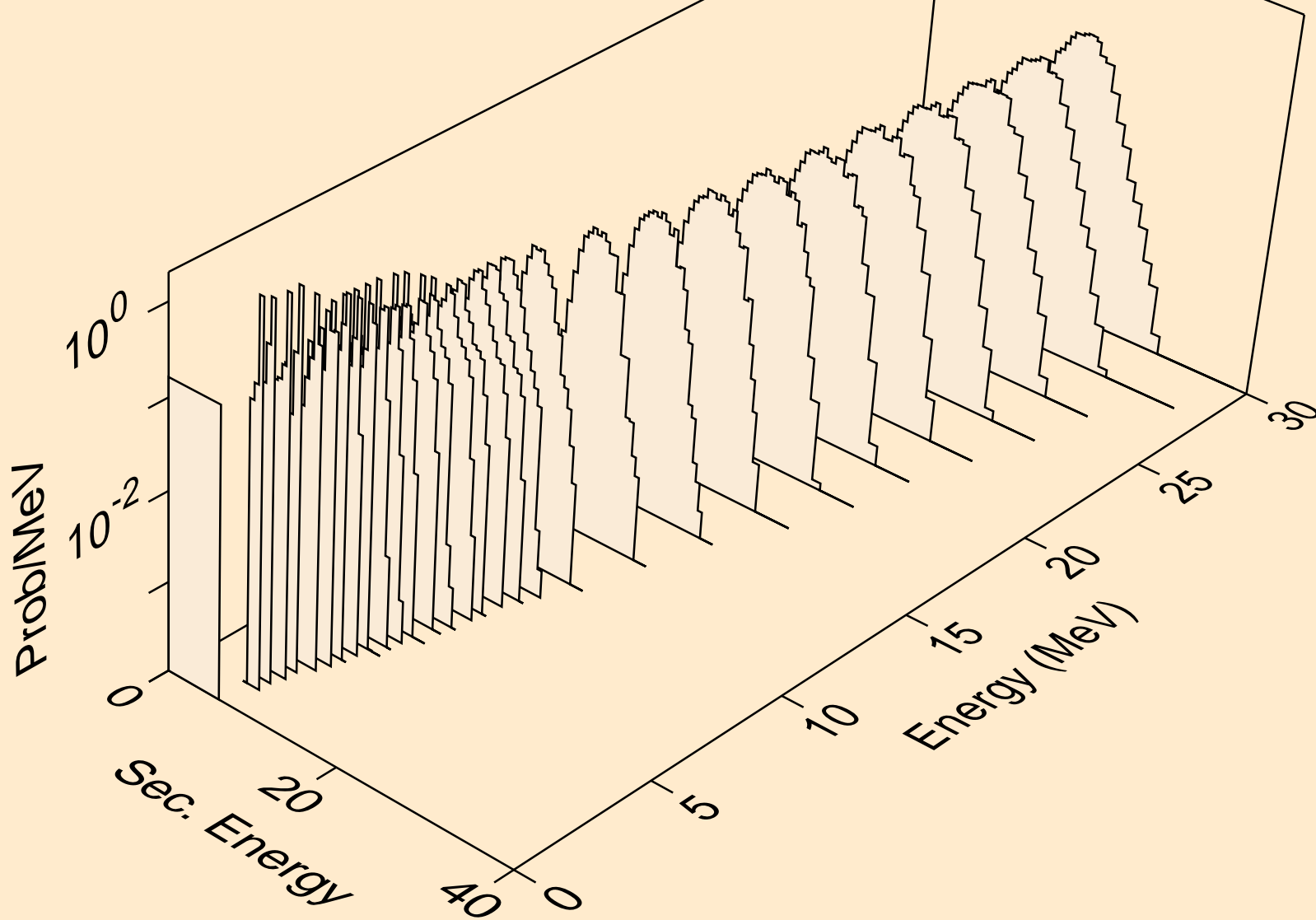
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



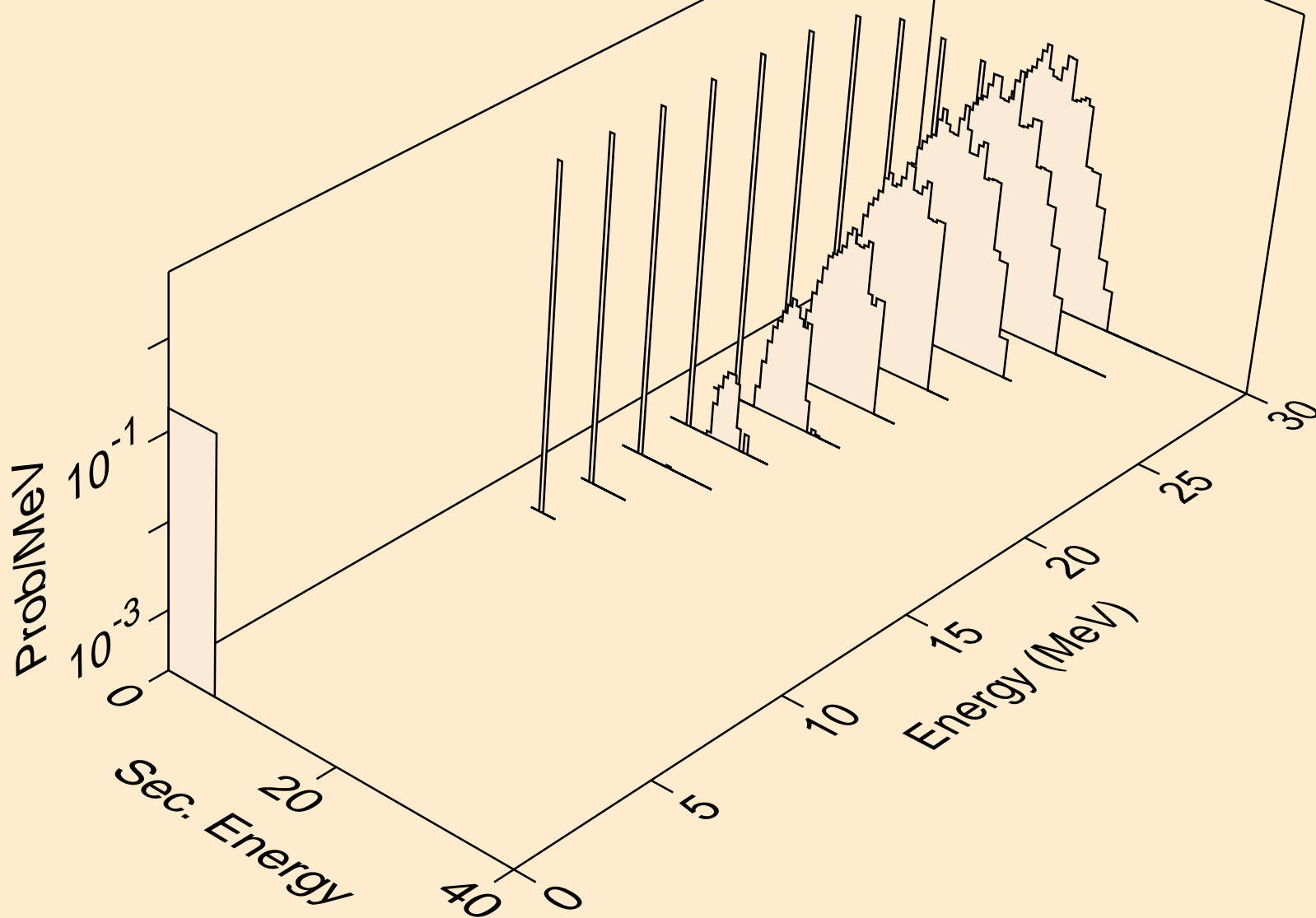
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



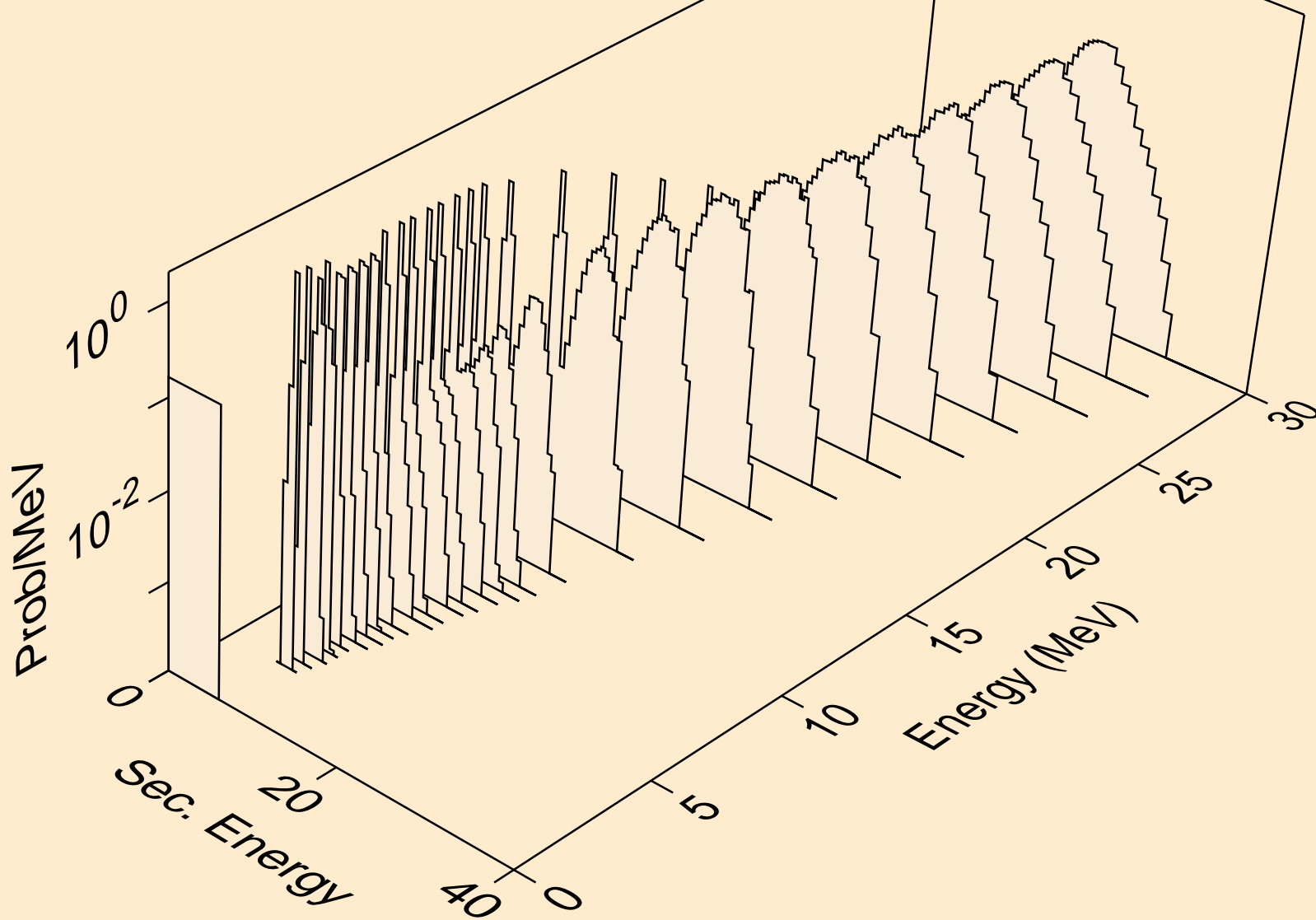
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



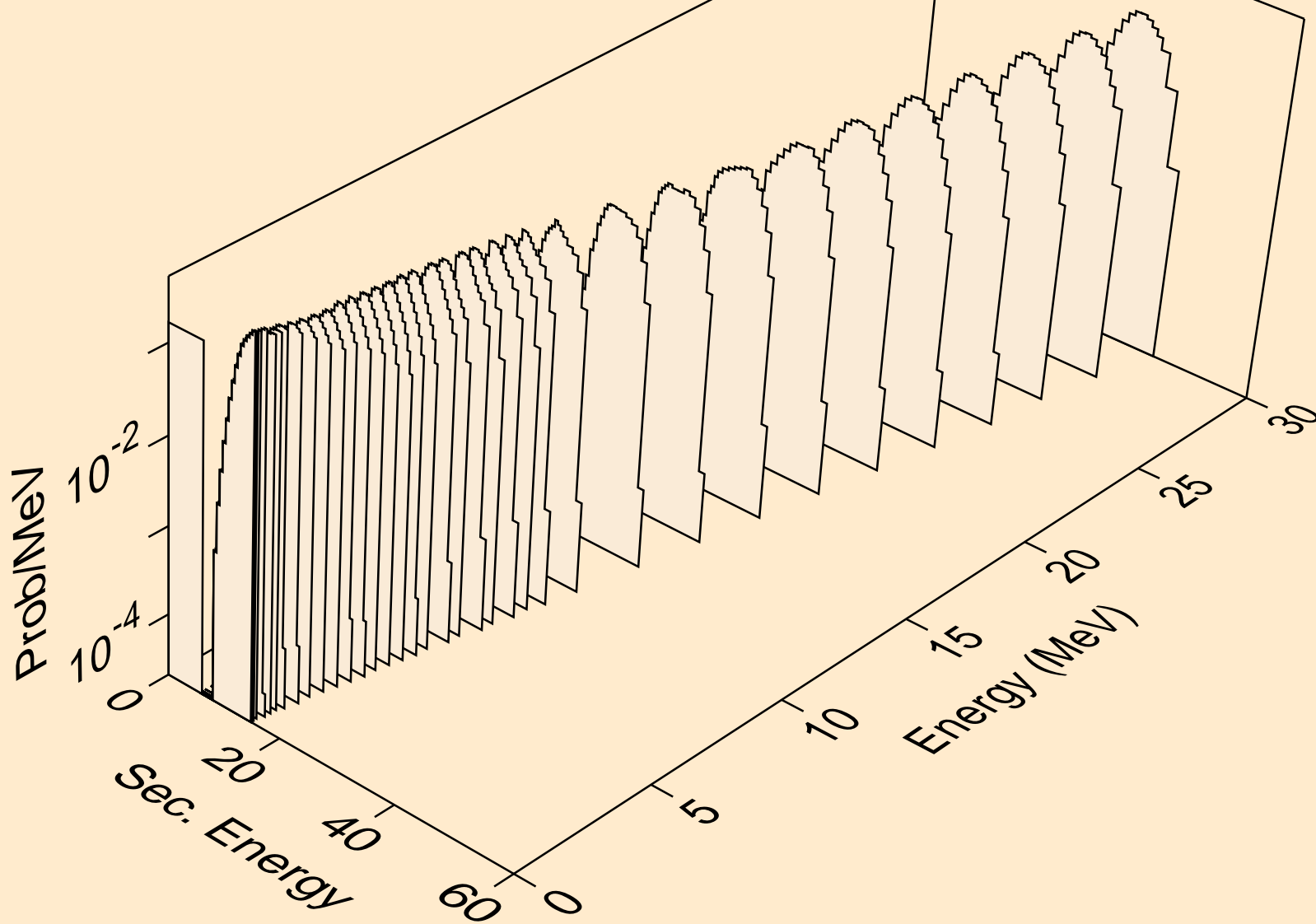
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



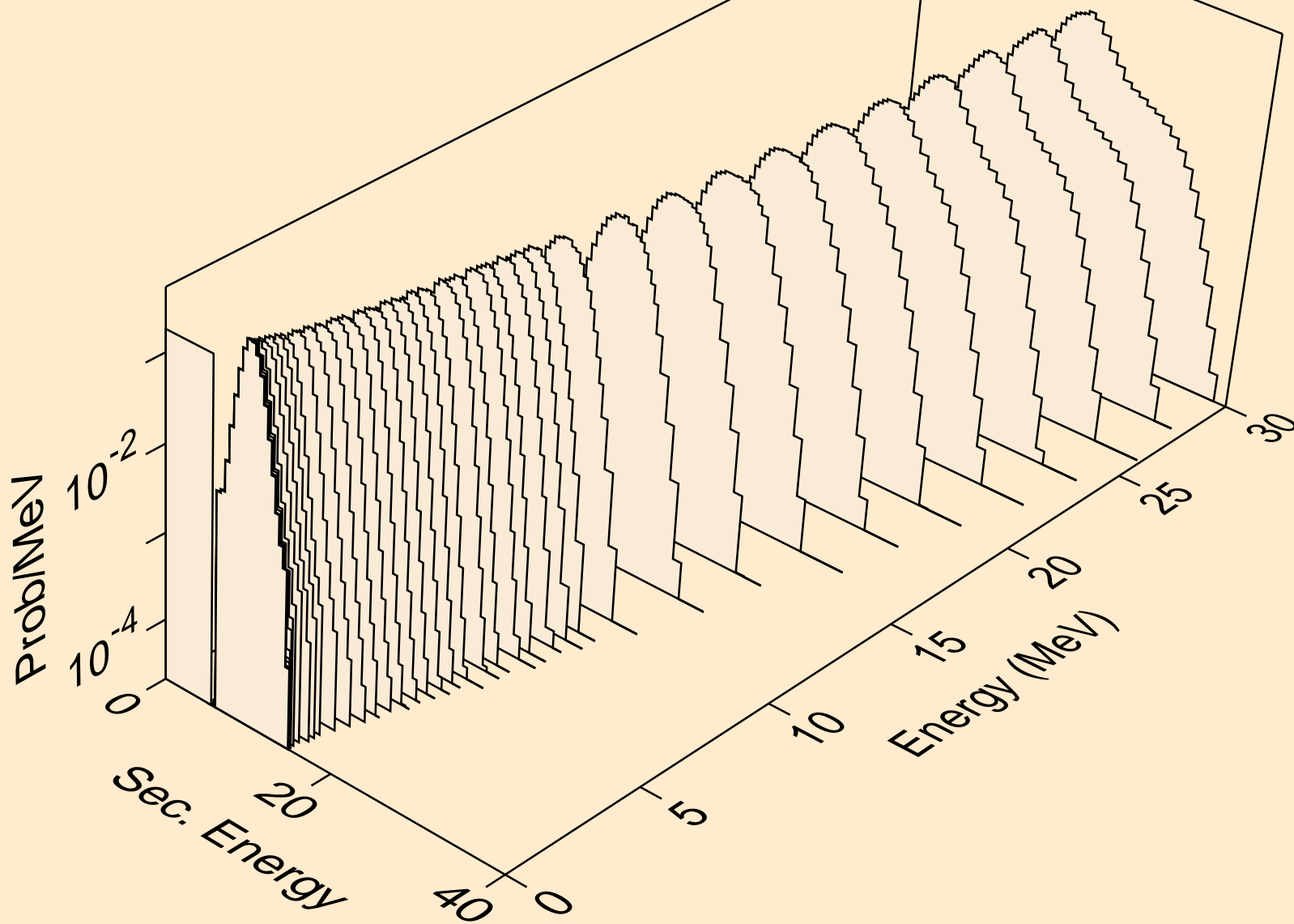
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



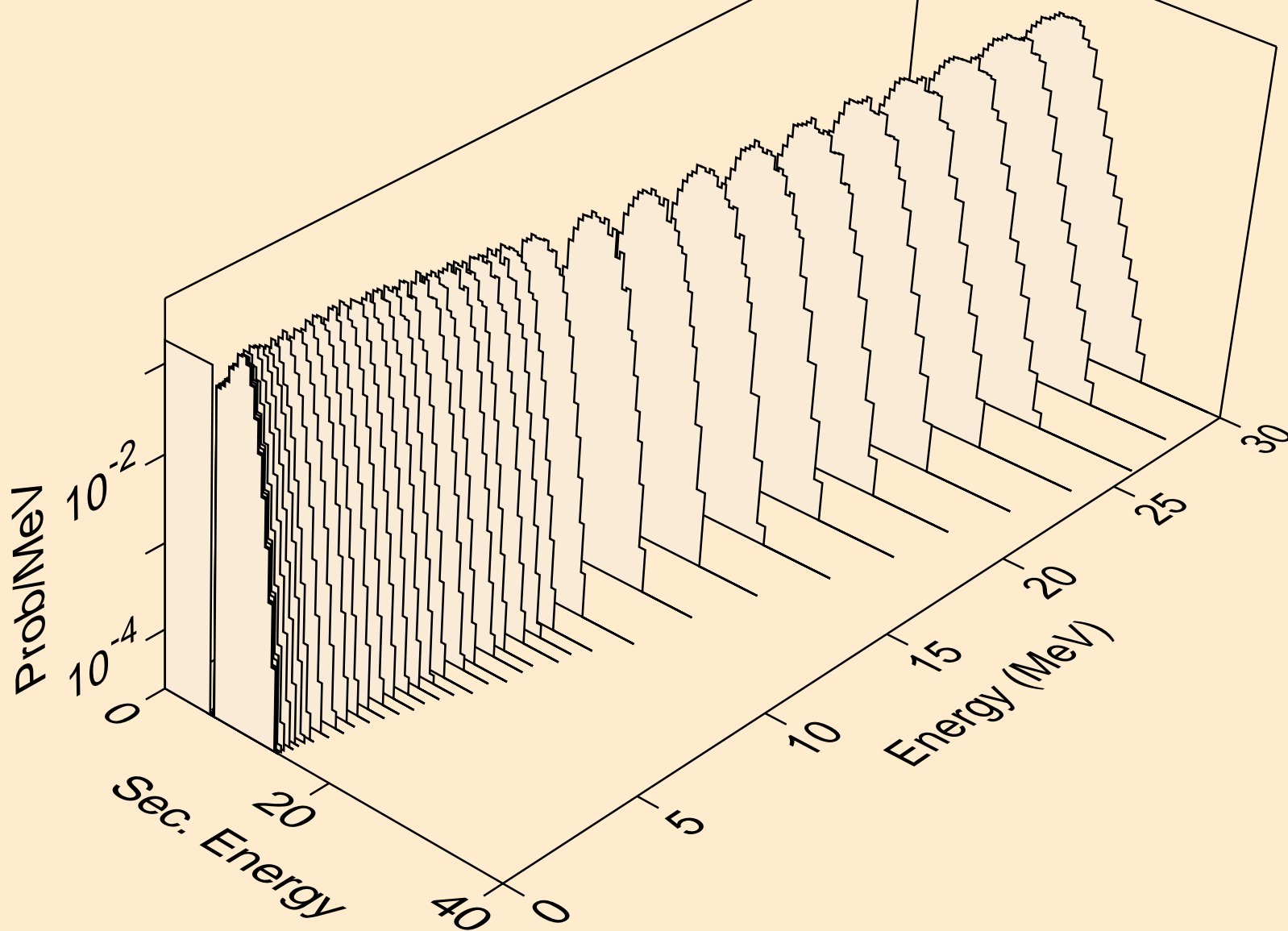
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



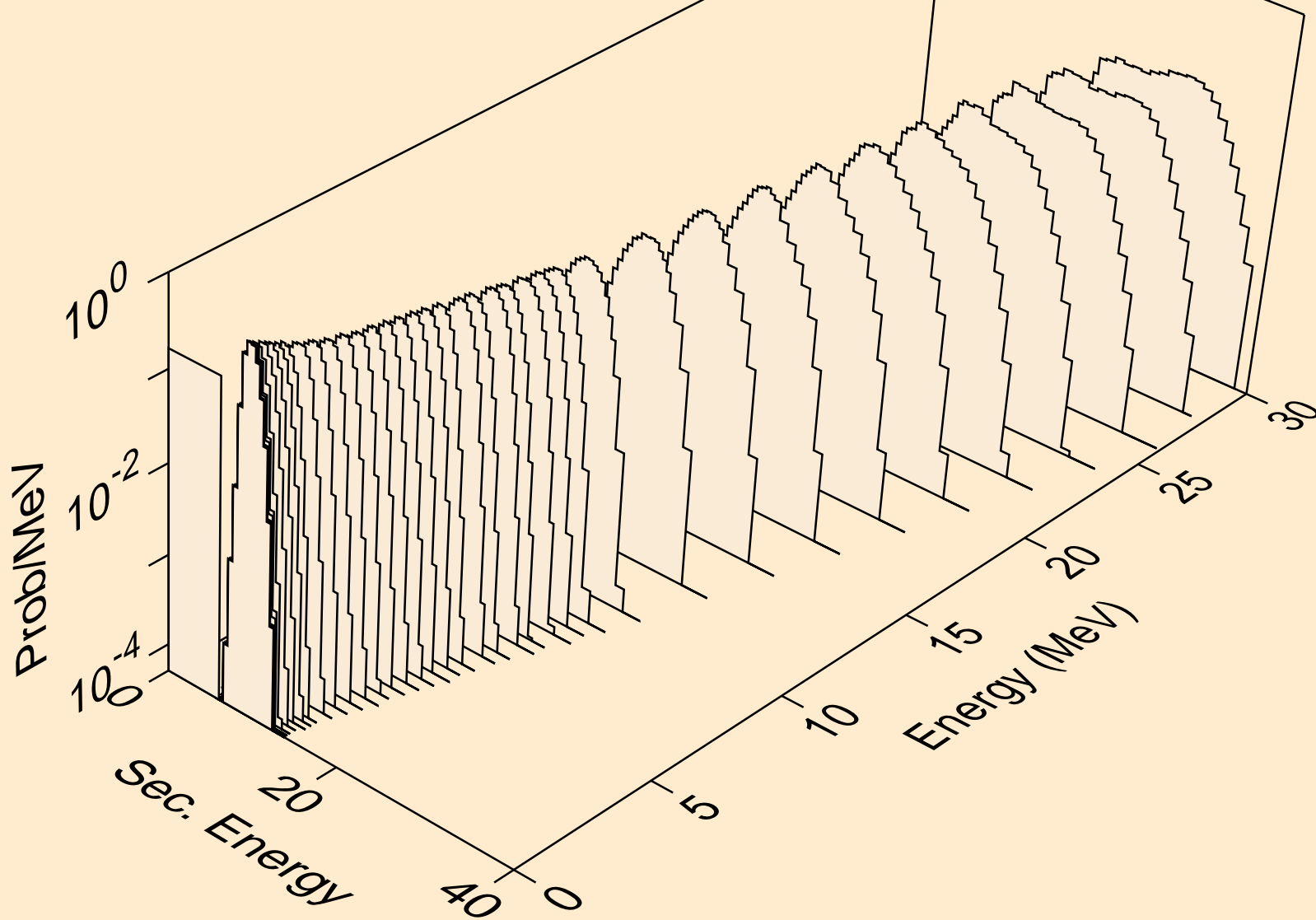
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



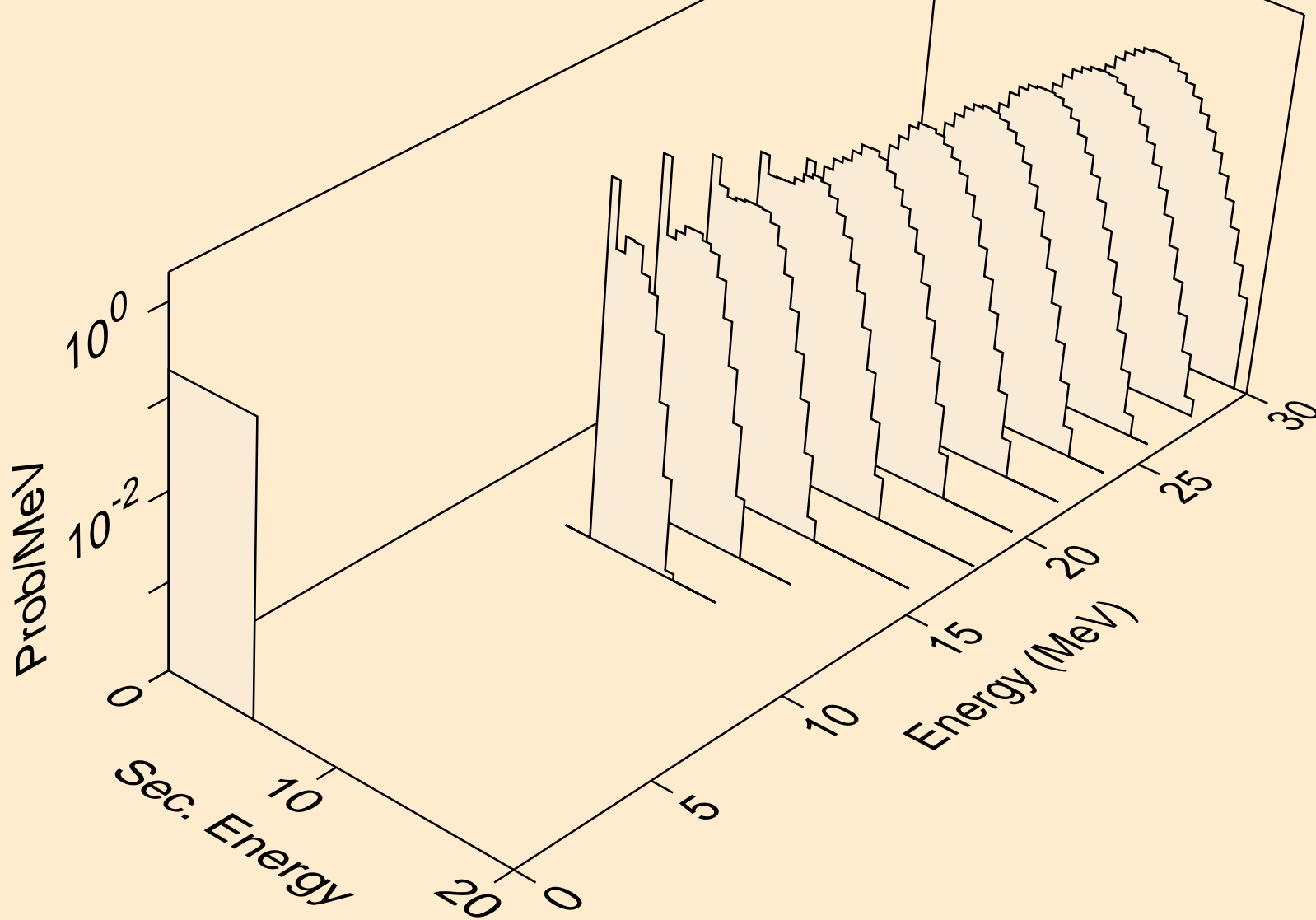
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



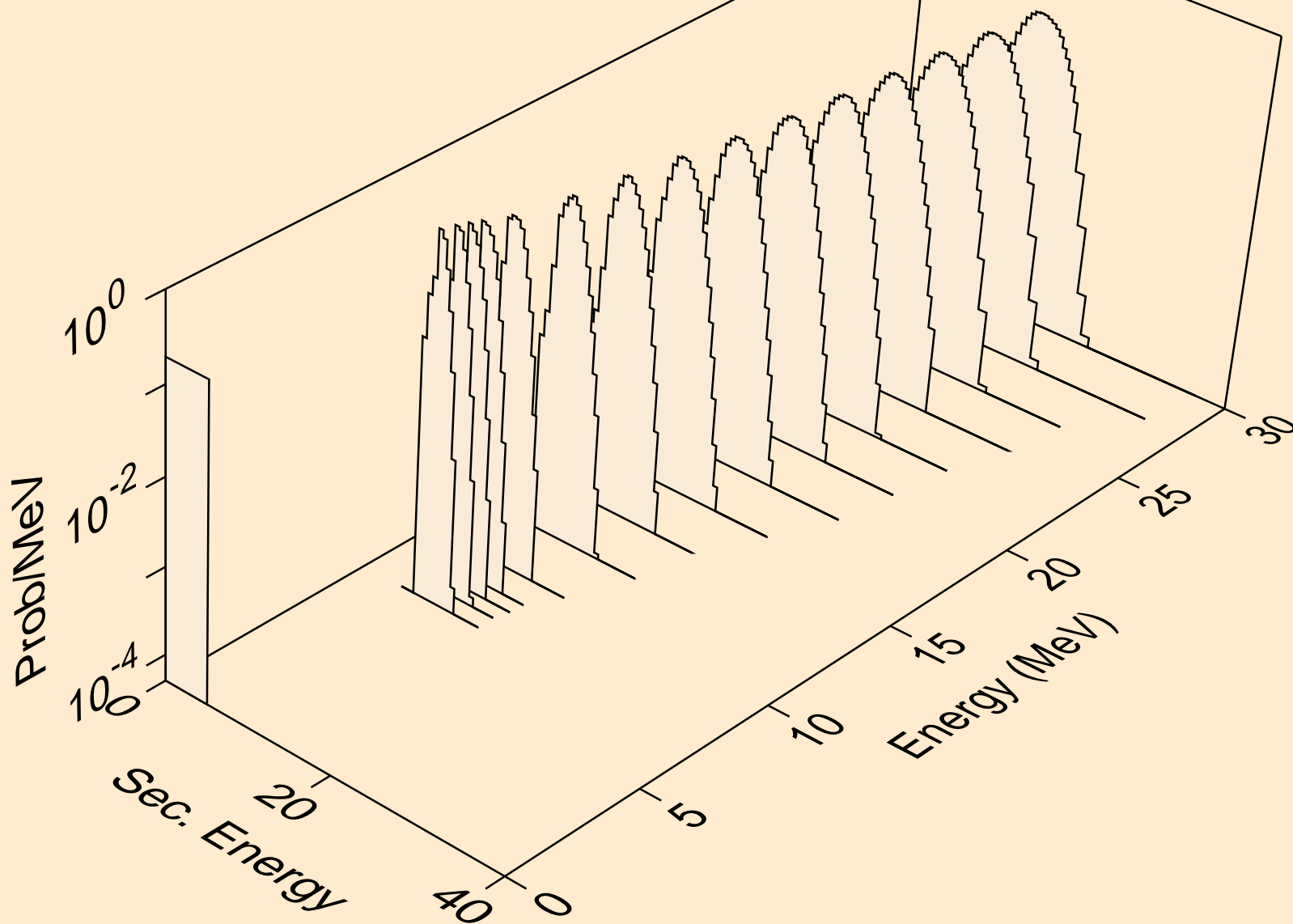
TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,t2a)



TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,d2a)



TL181 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

