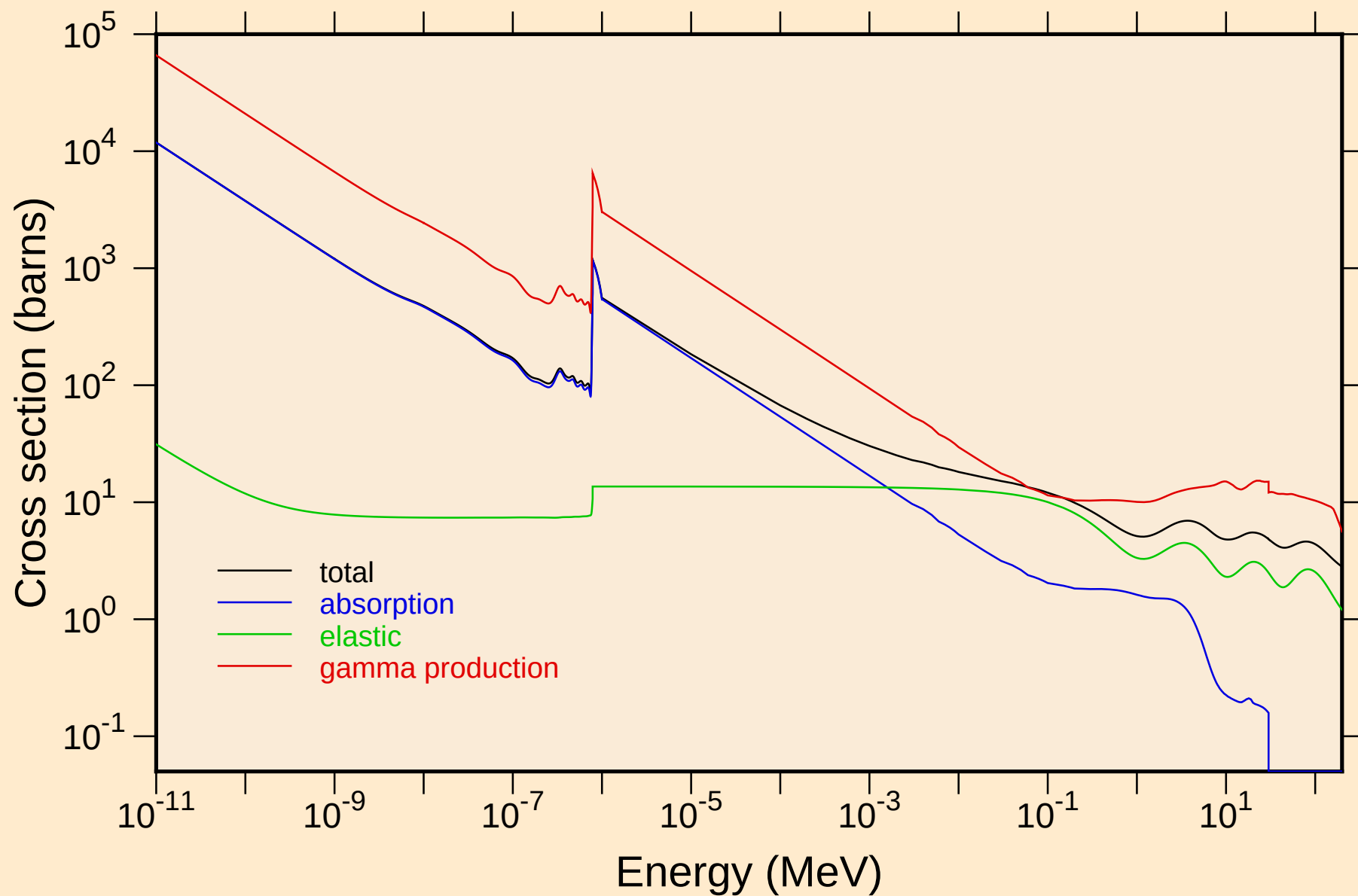
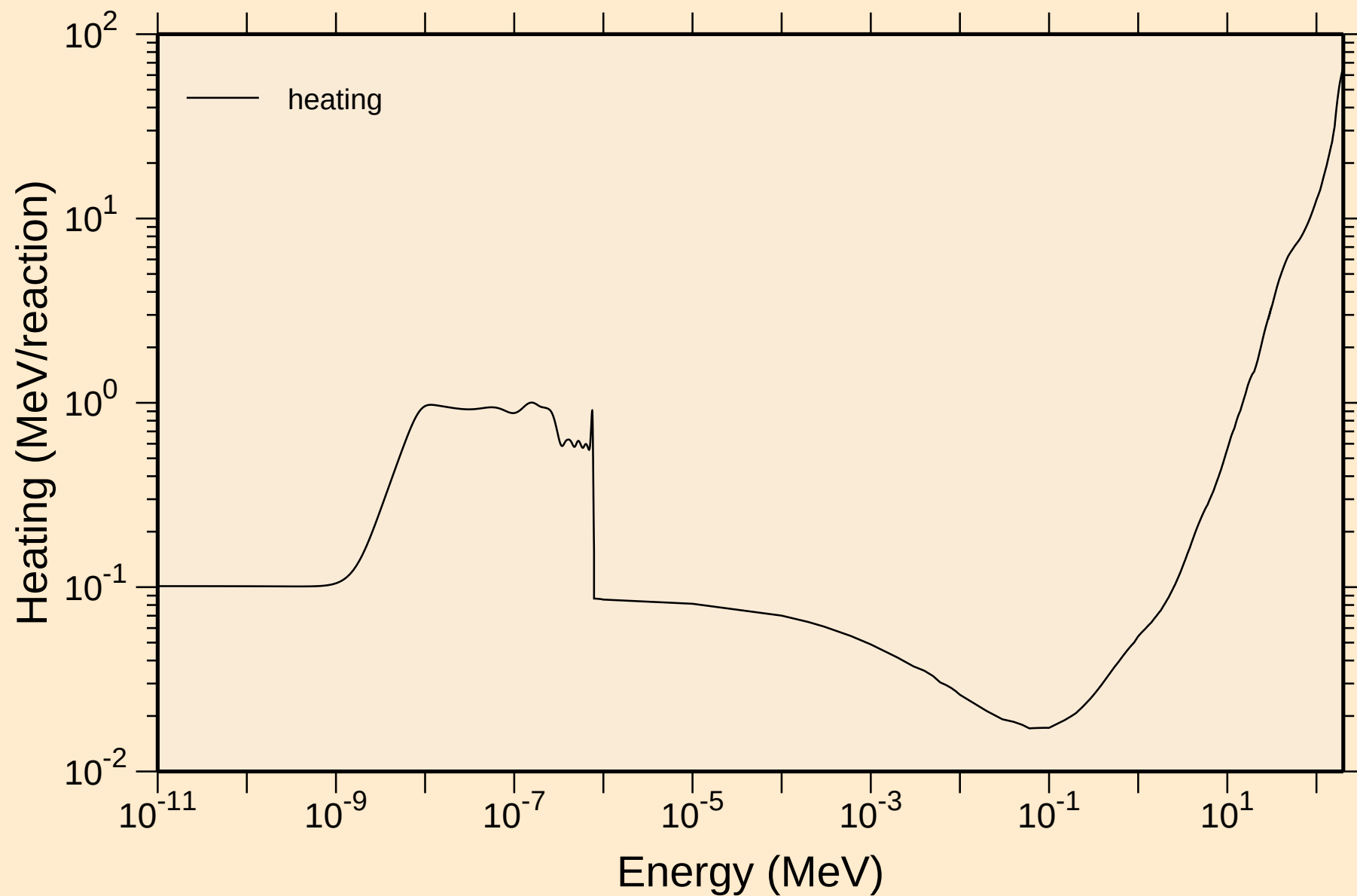


TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

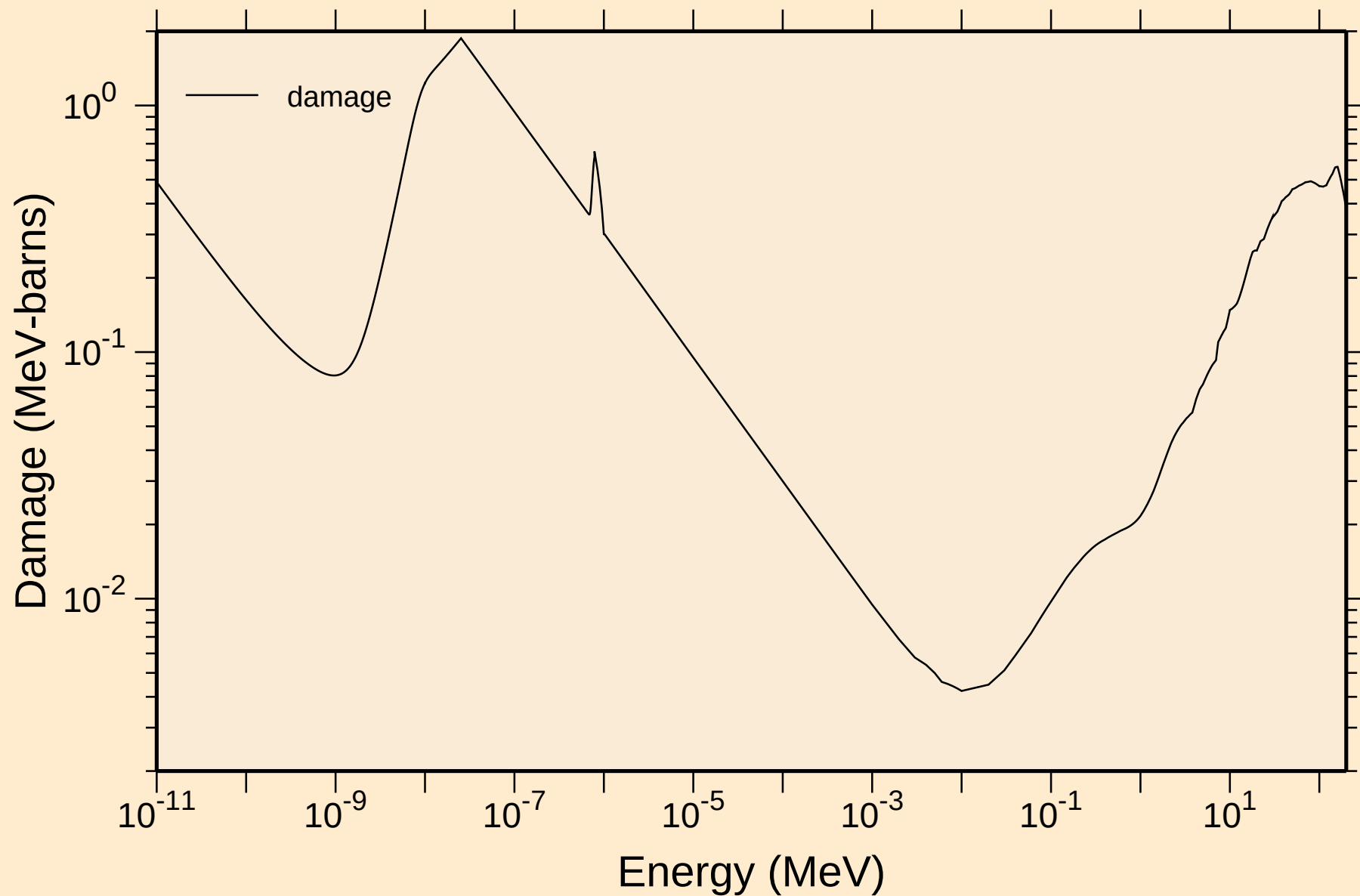
Principal cross sections



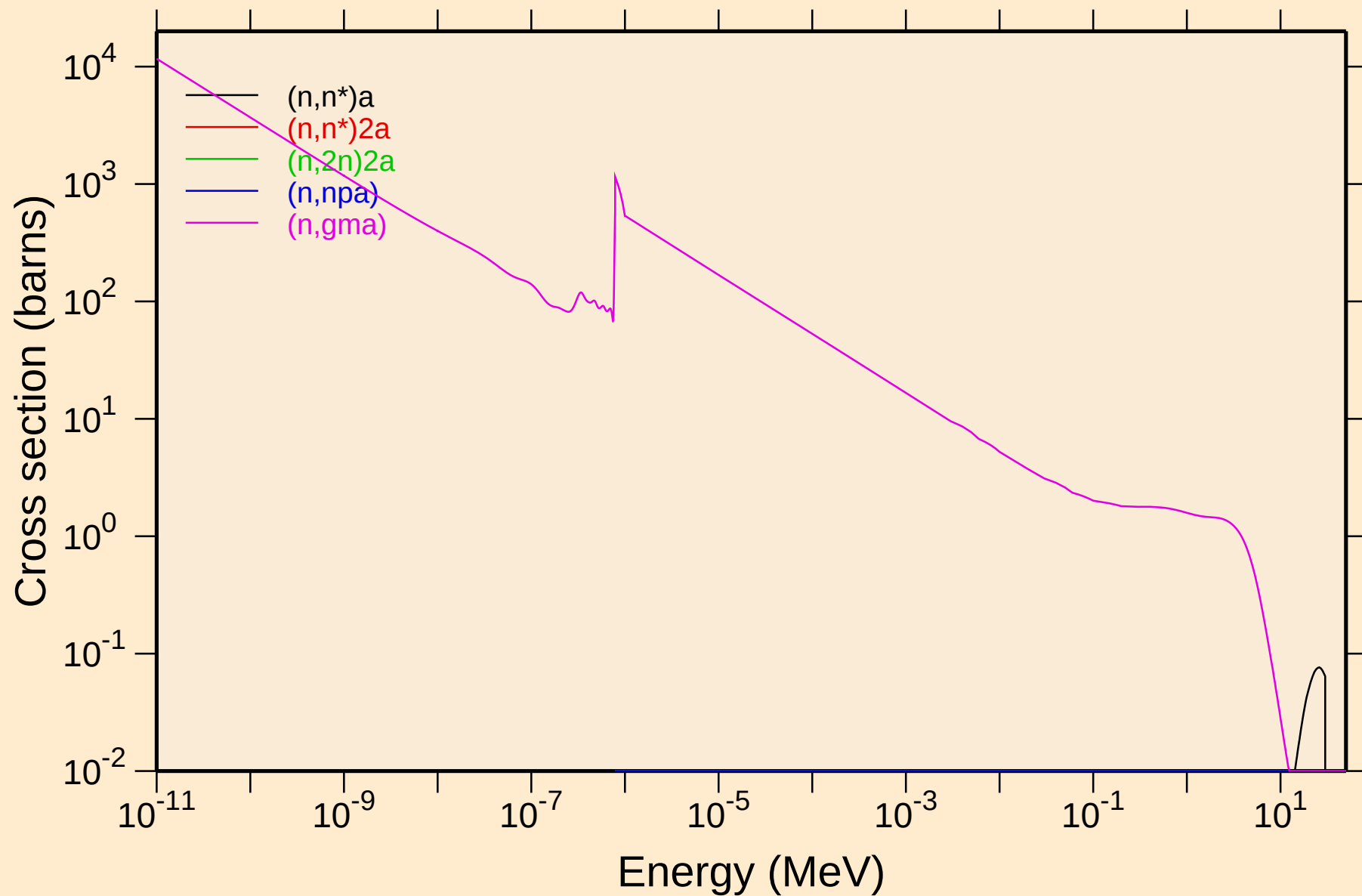
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



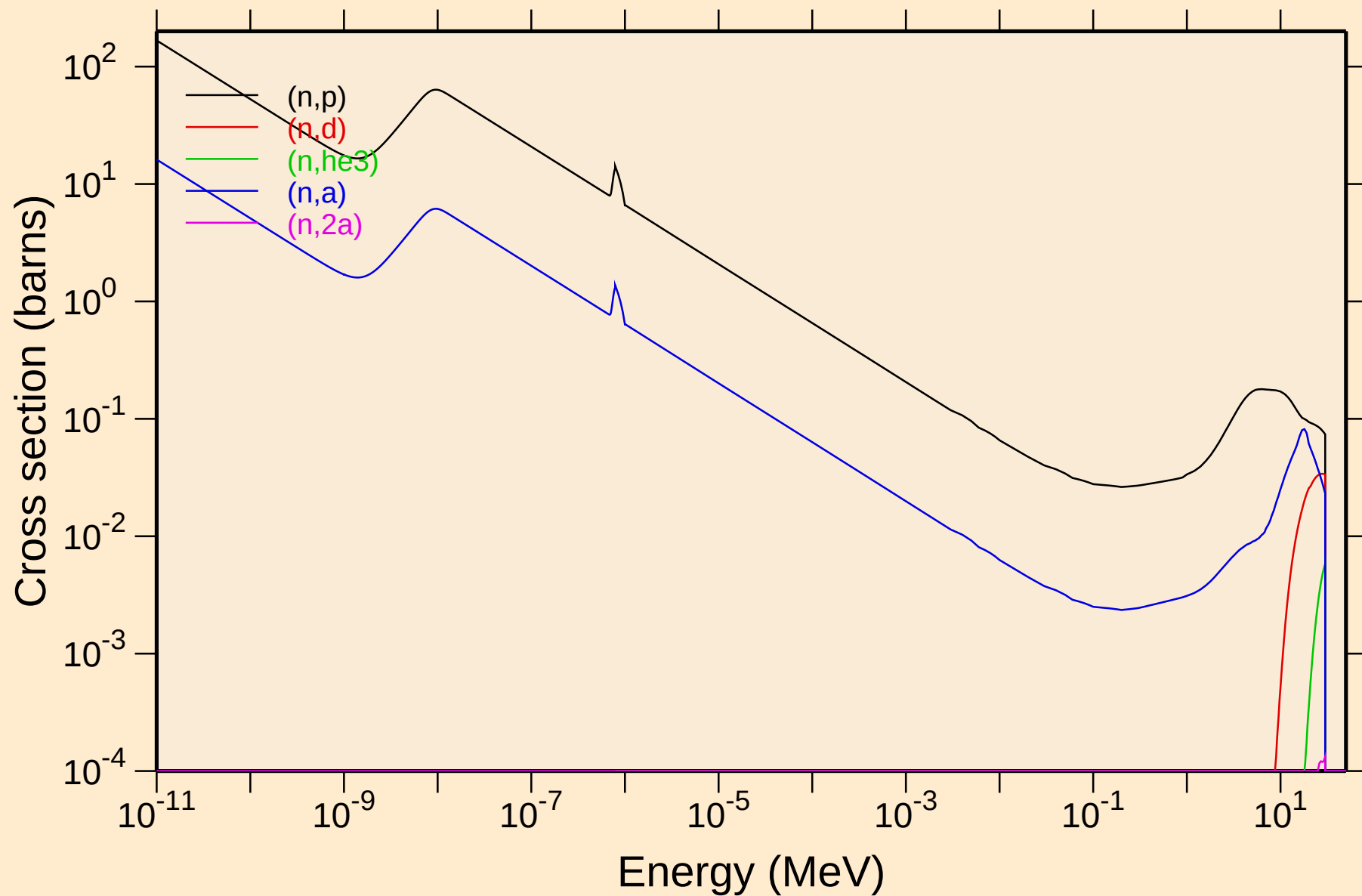
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



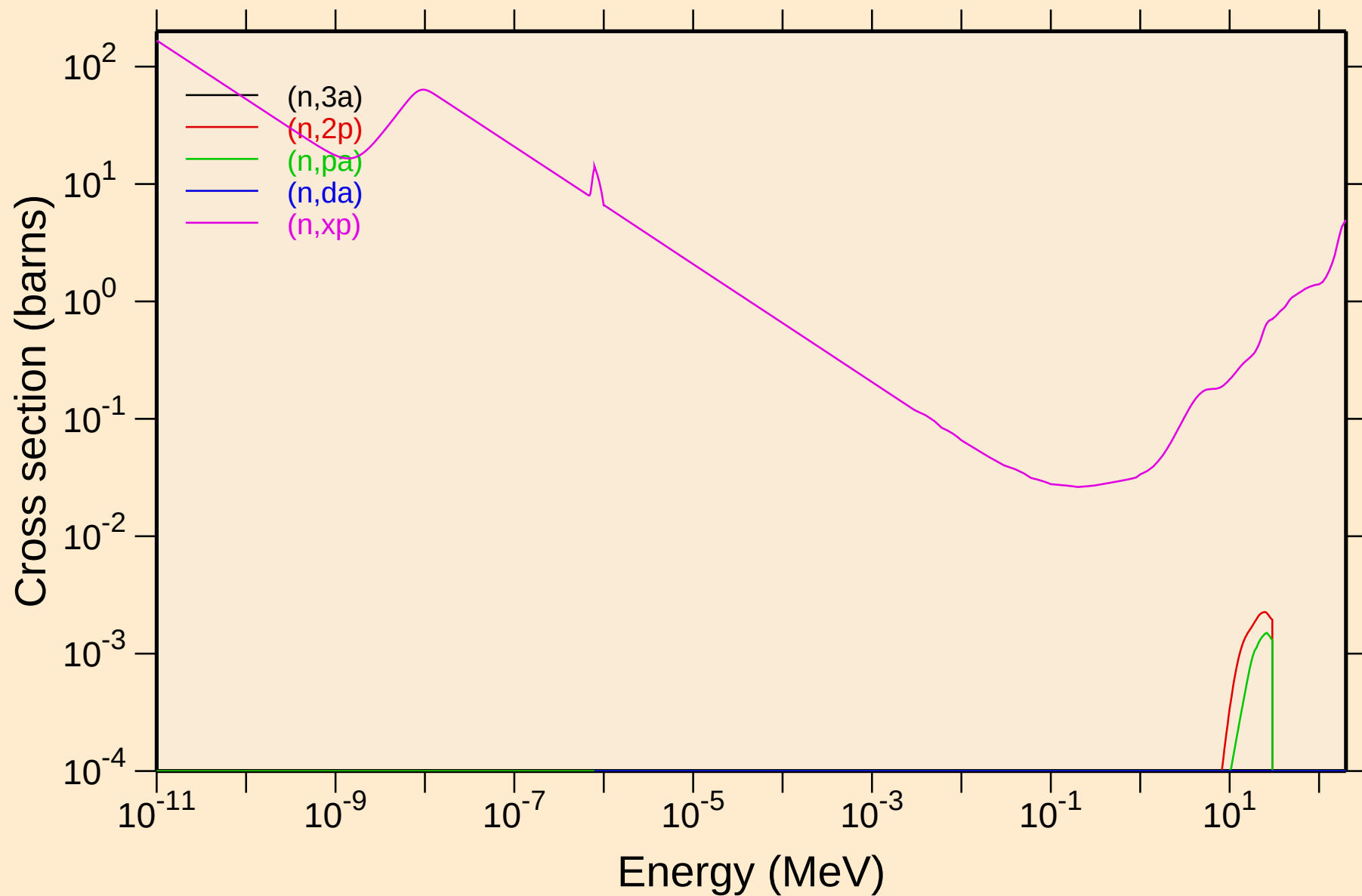
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



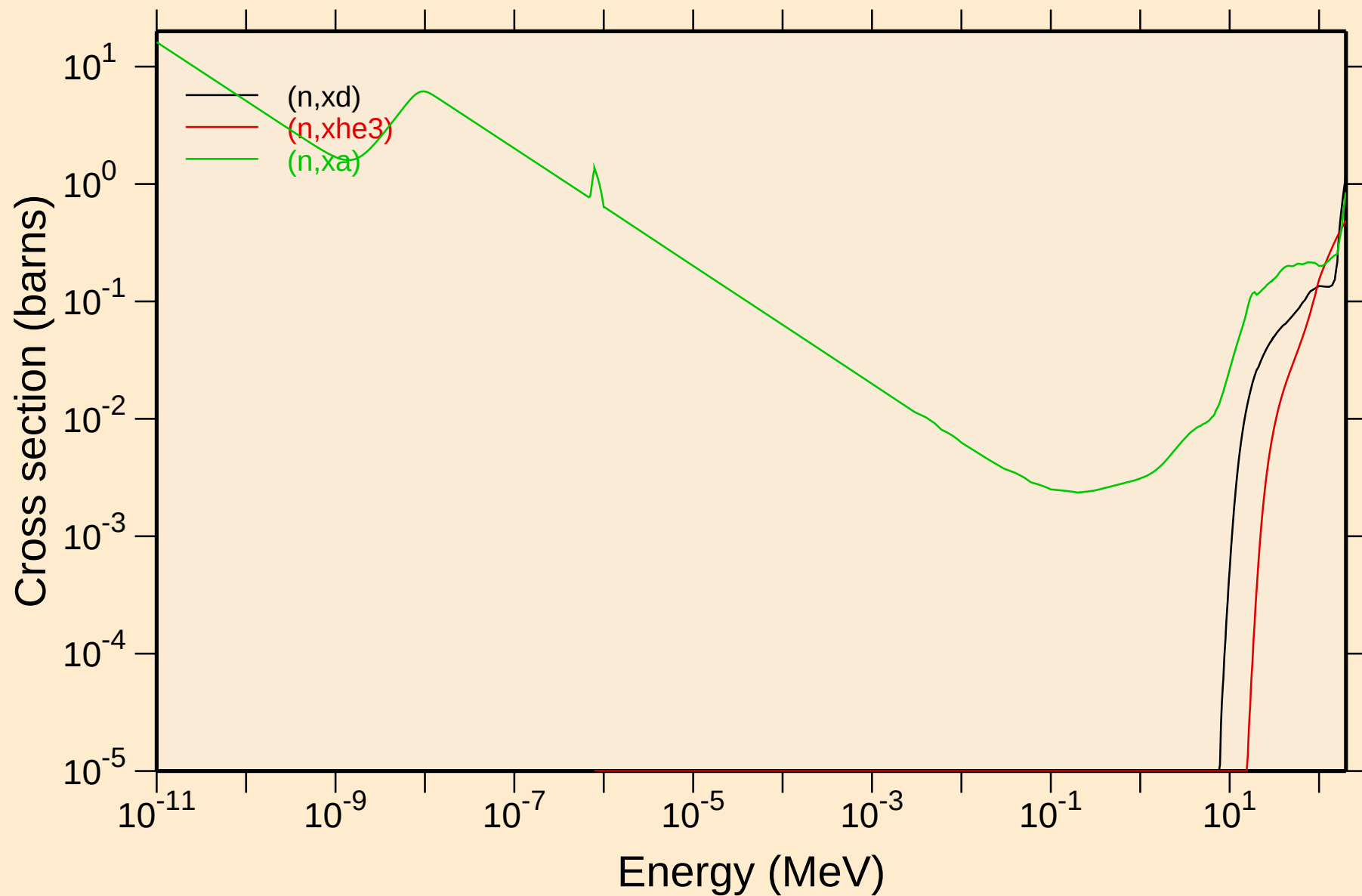
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

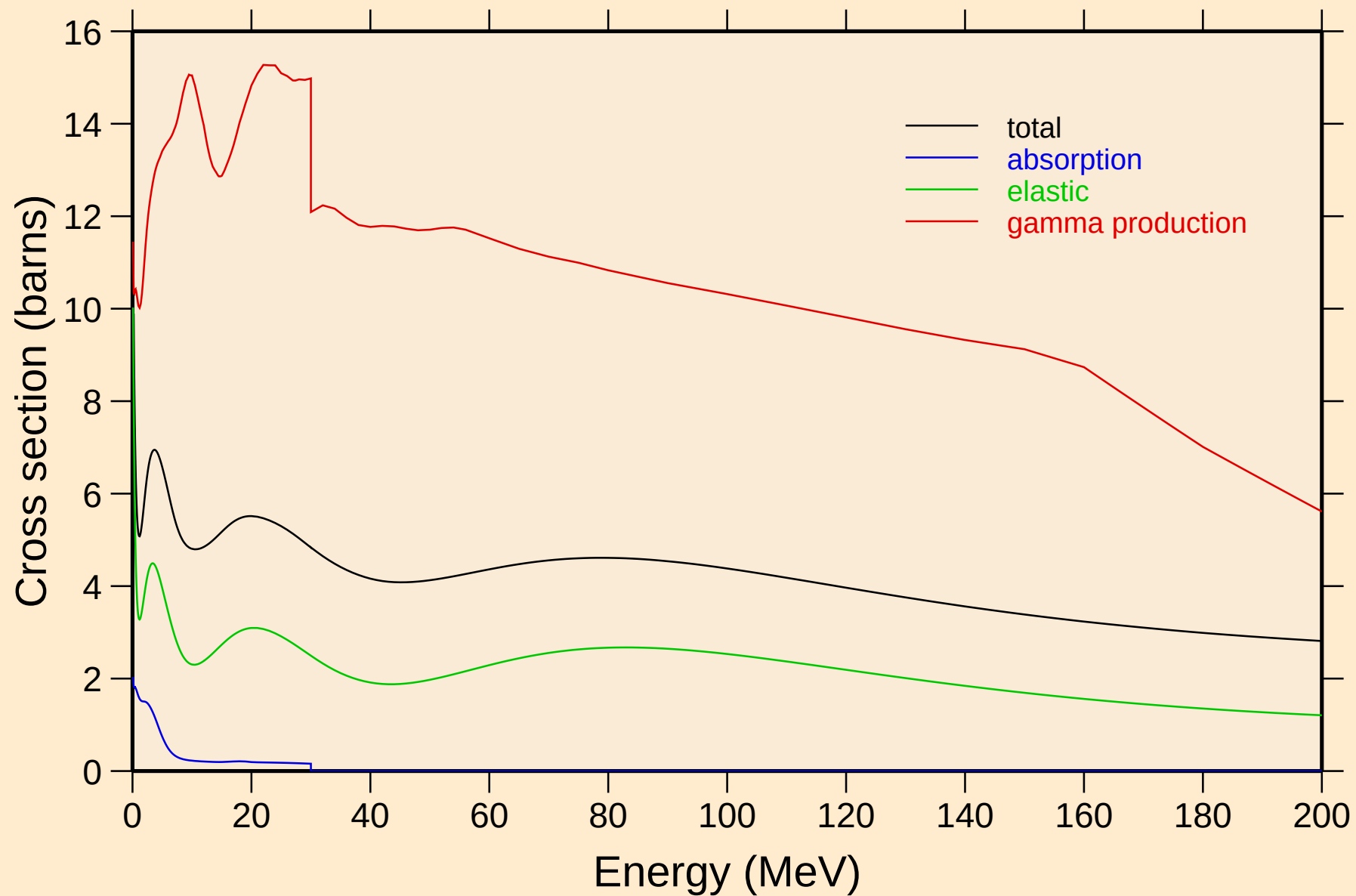


TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

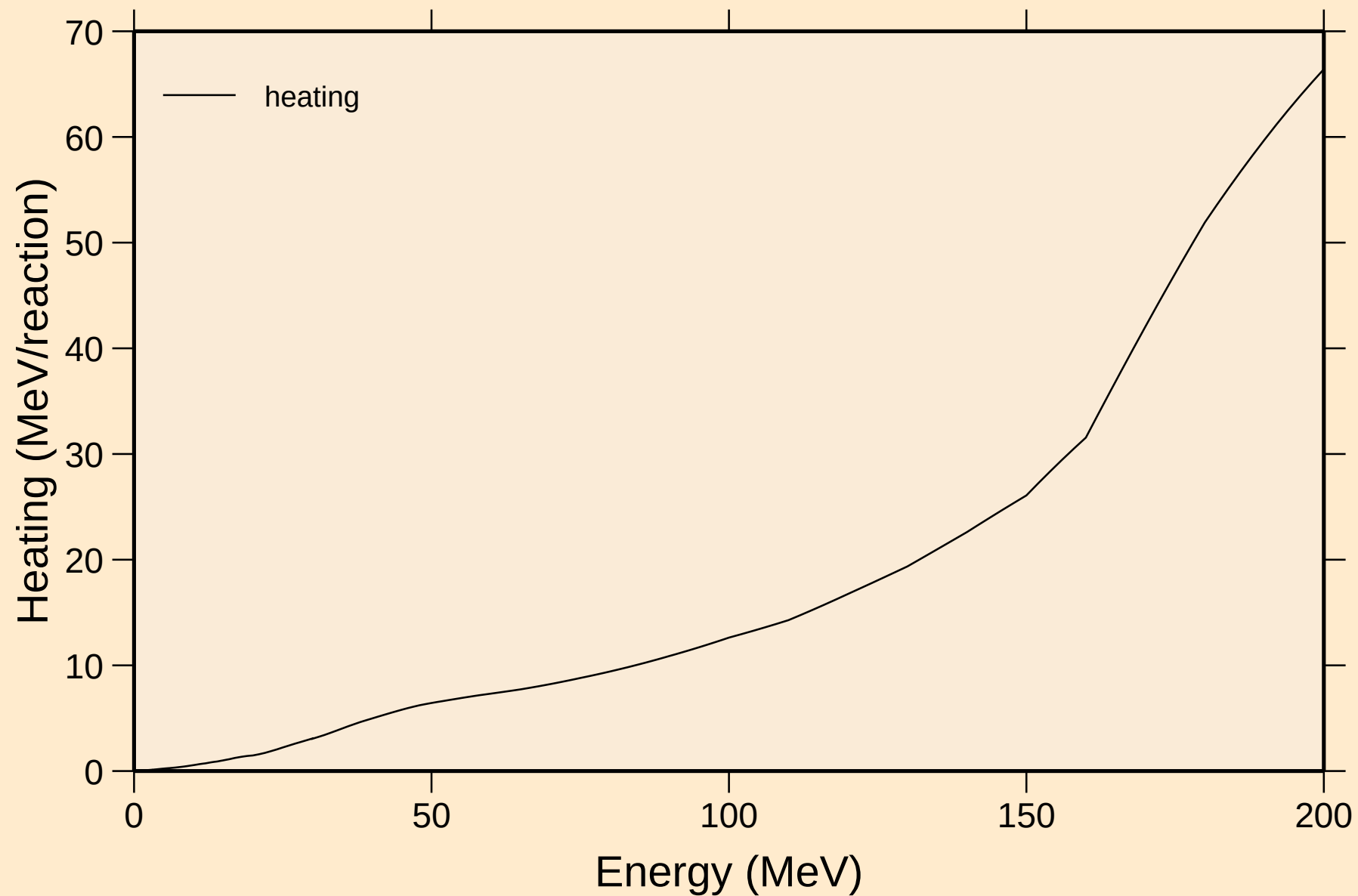


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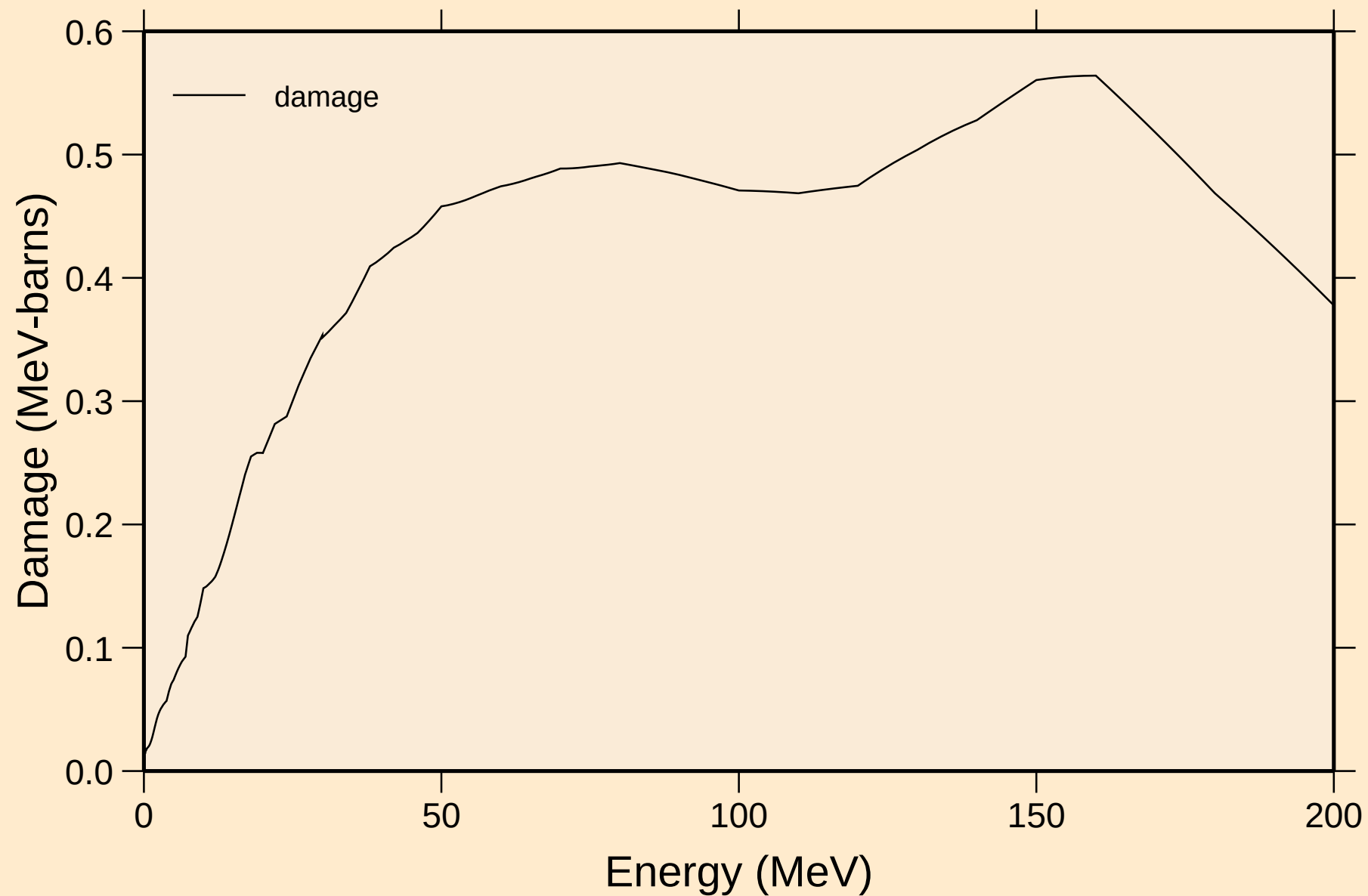
Principal cross sections



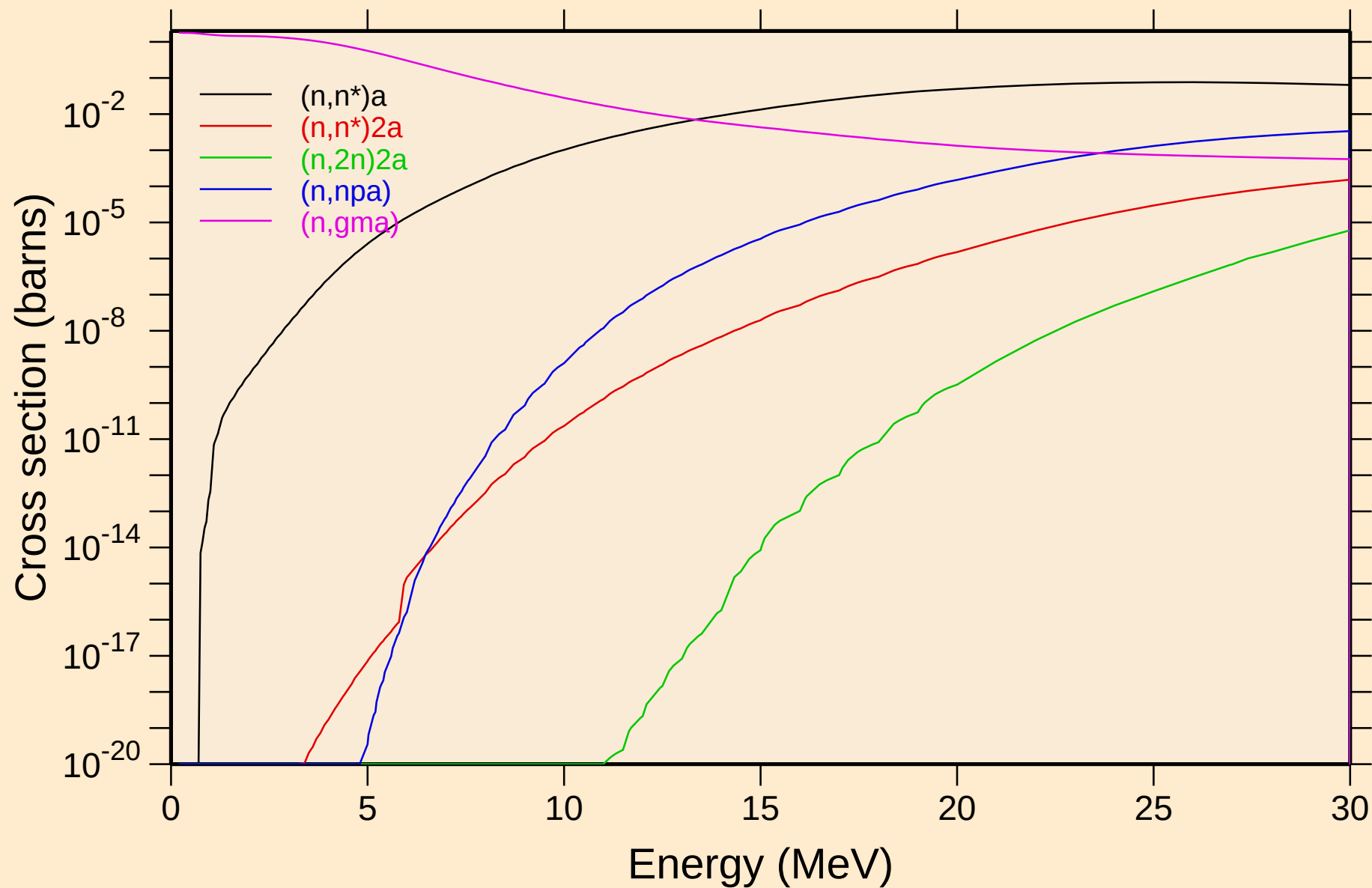
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



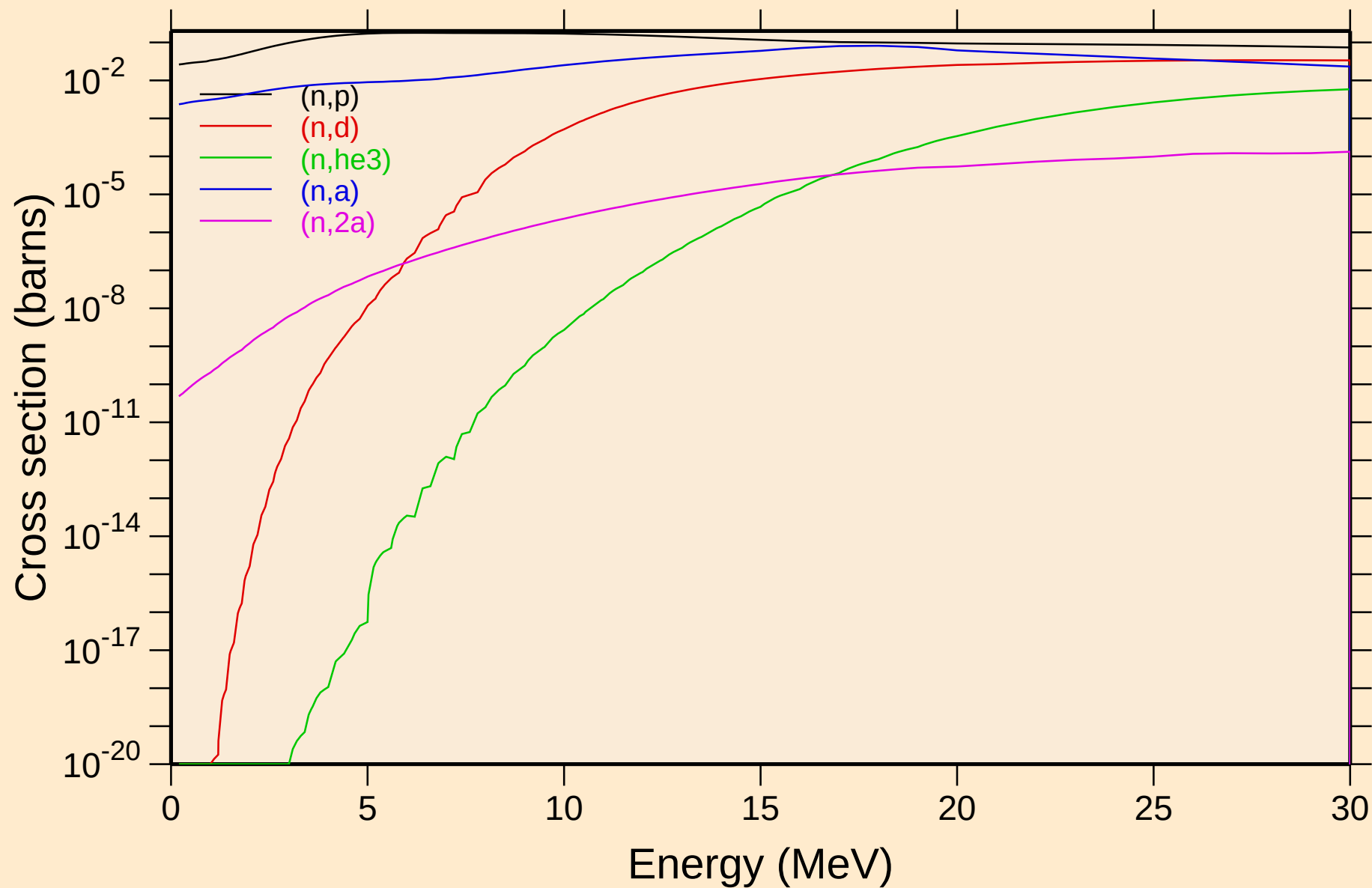
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



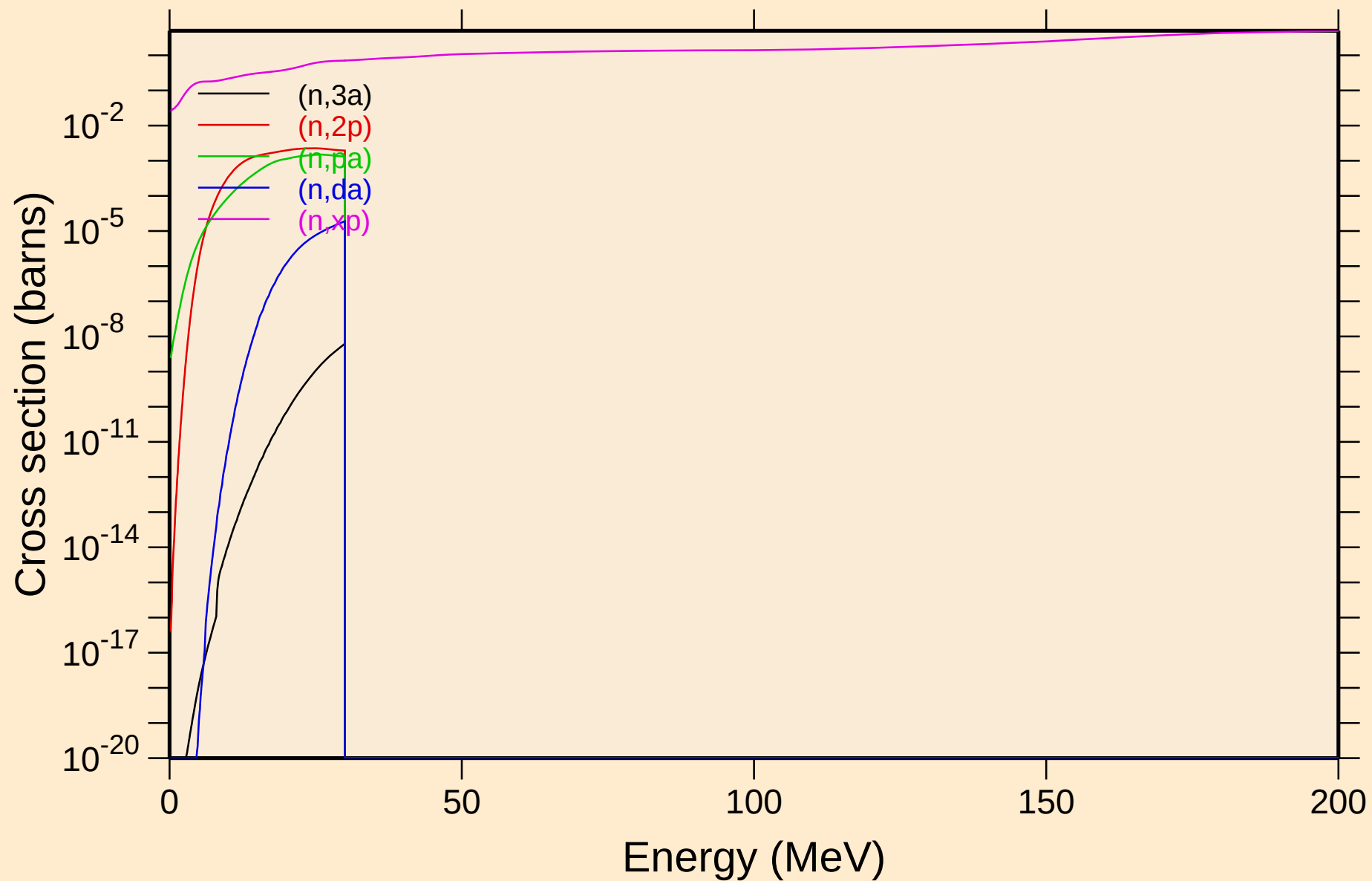
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Non-threshold reactions



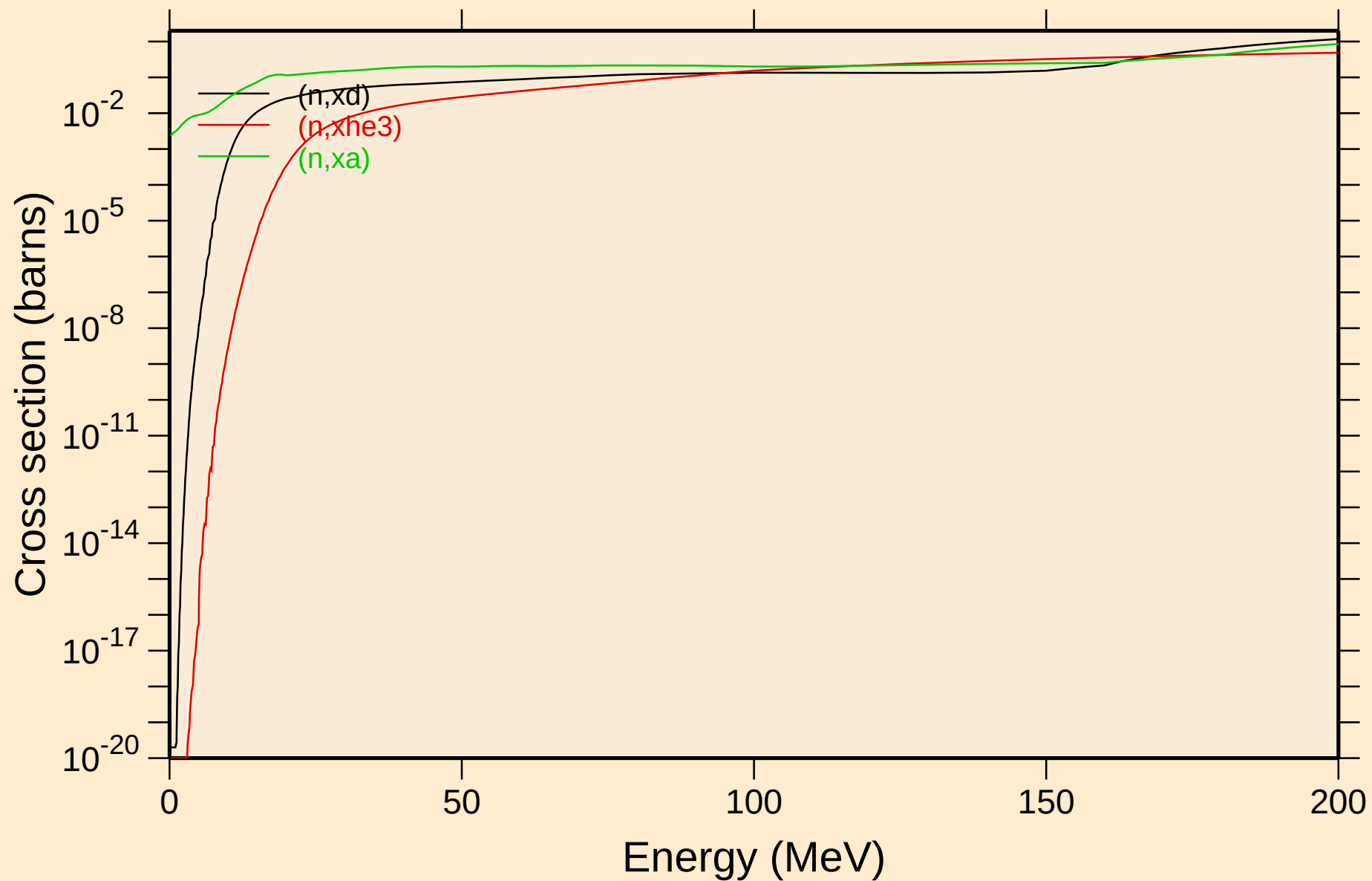
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



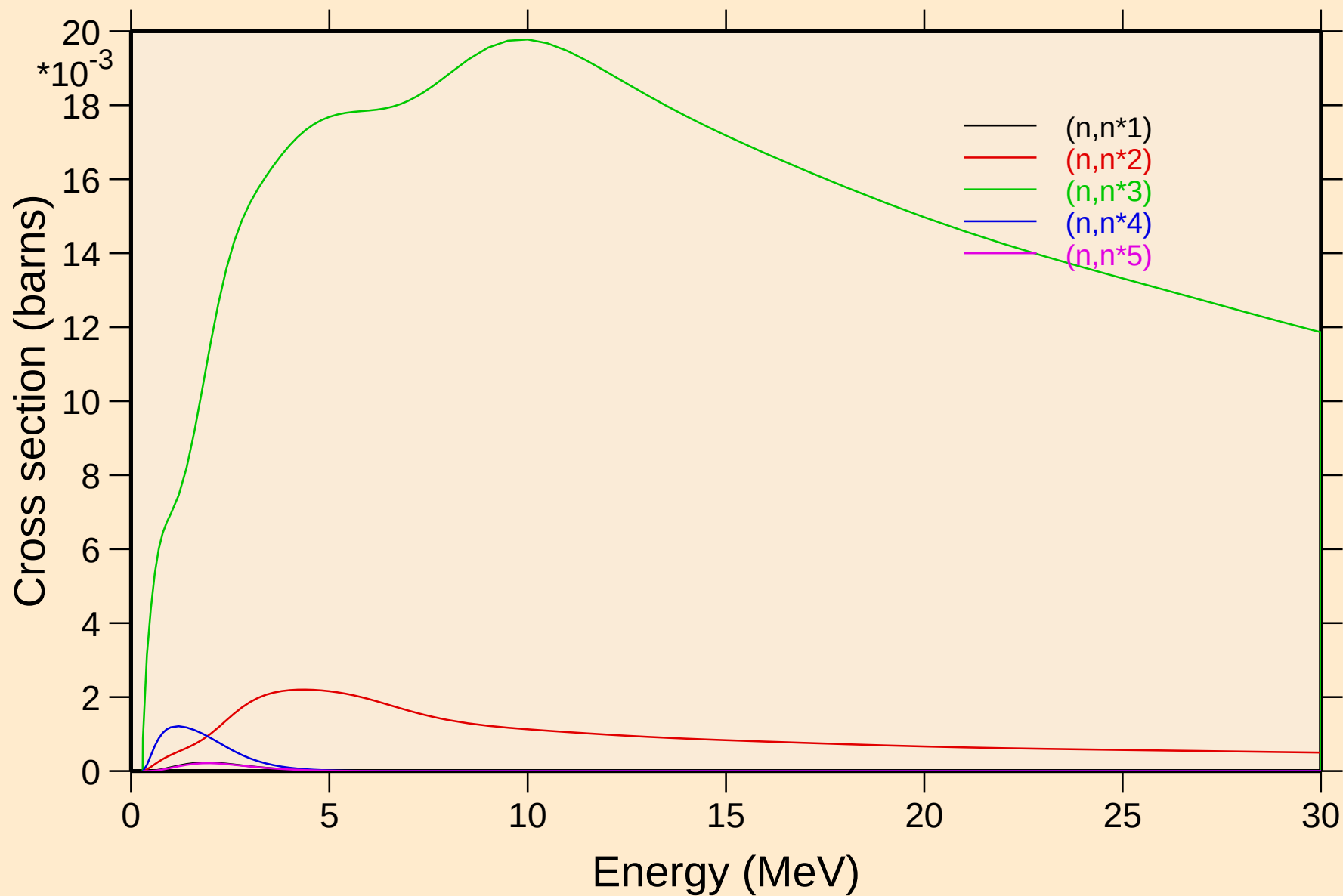
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Non-threshold reactions



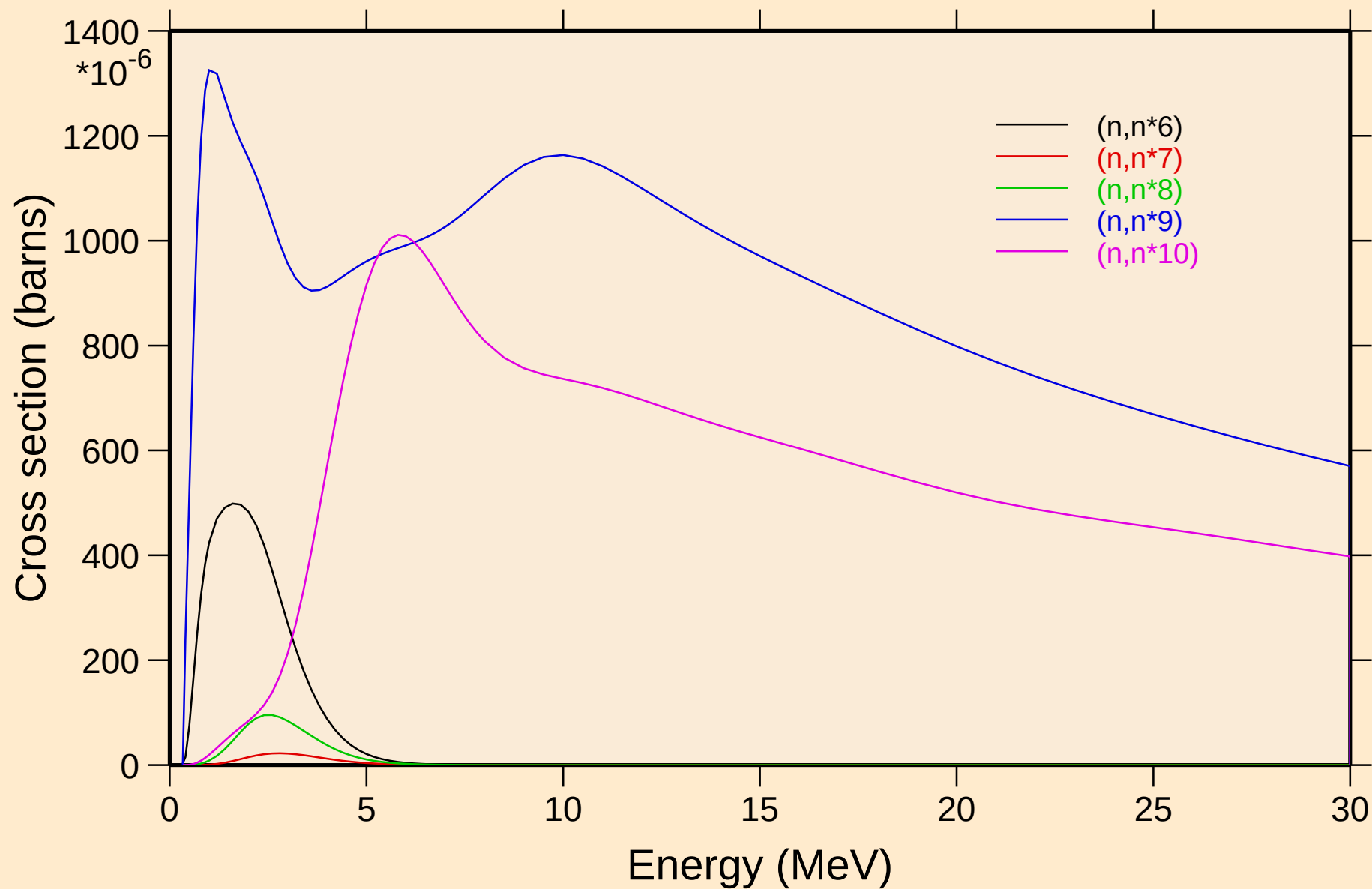
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Non-threshold reactions



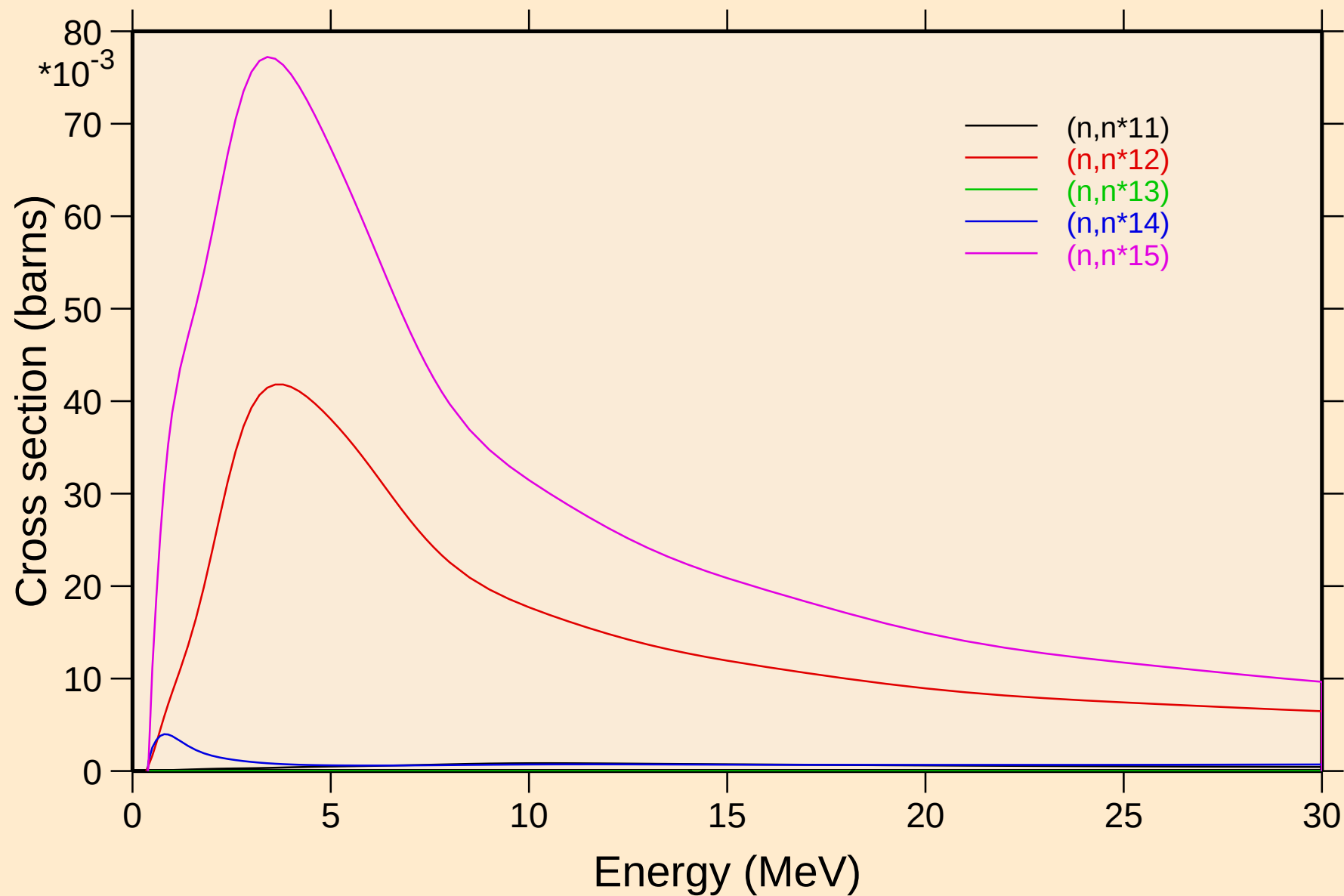
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



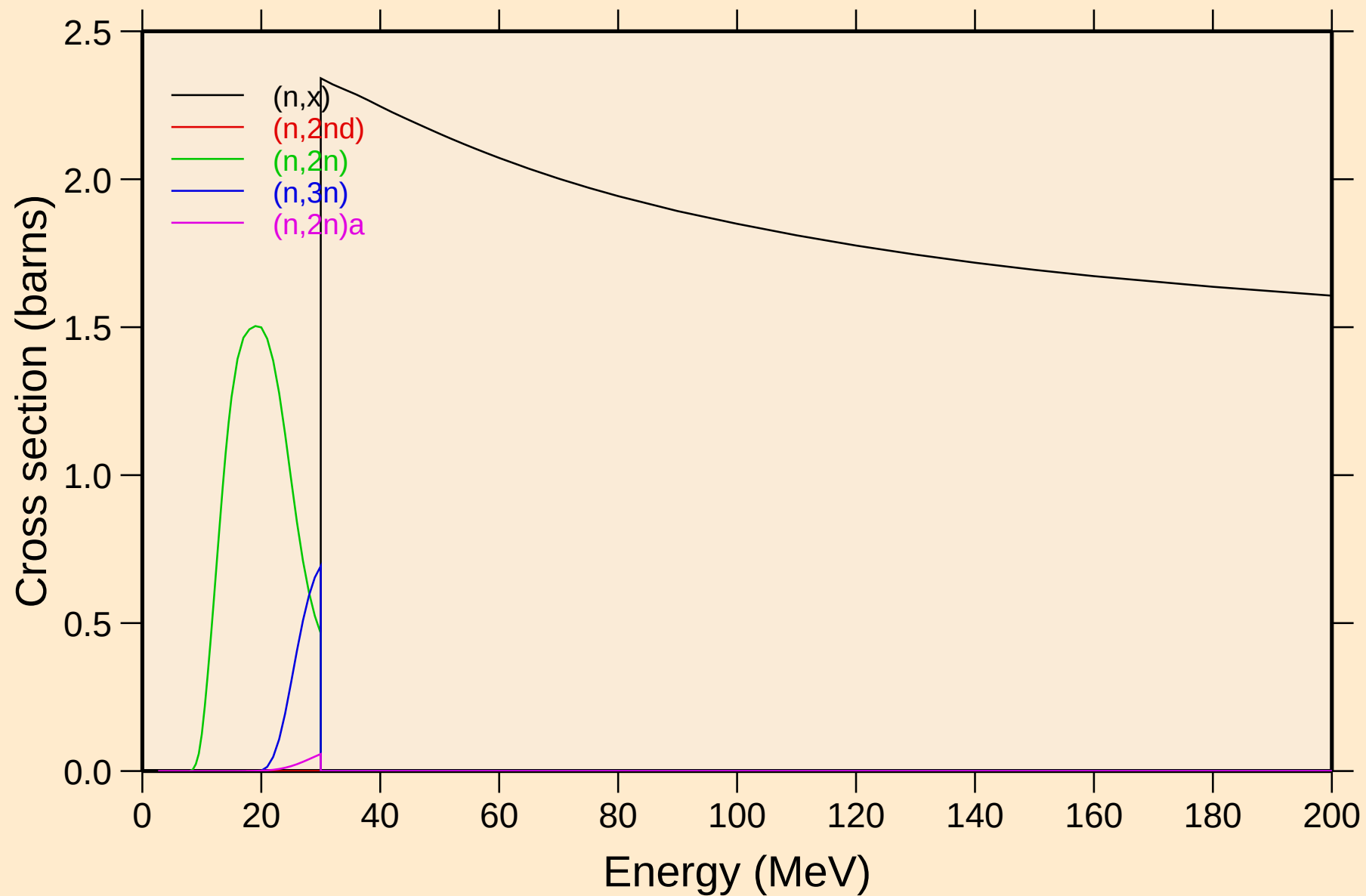
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



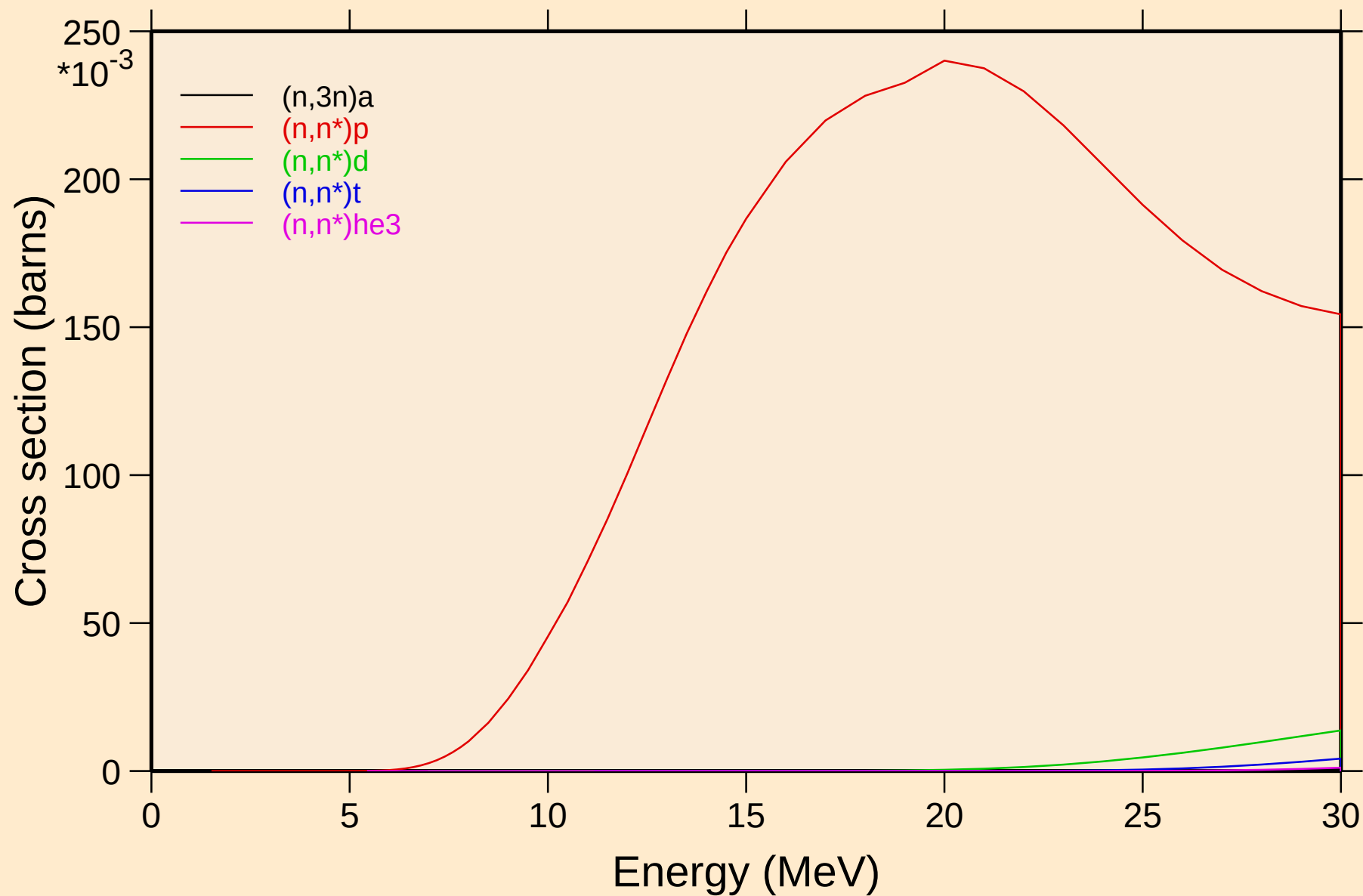
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



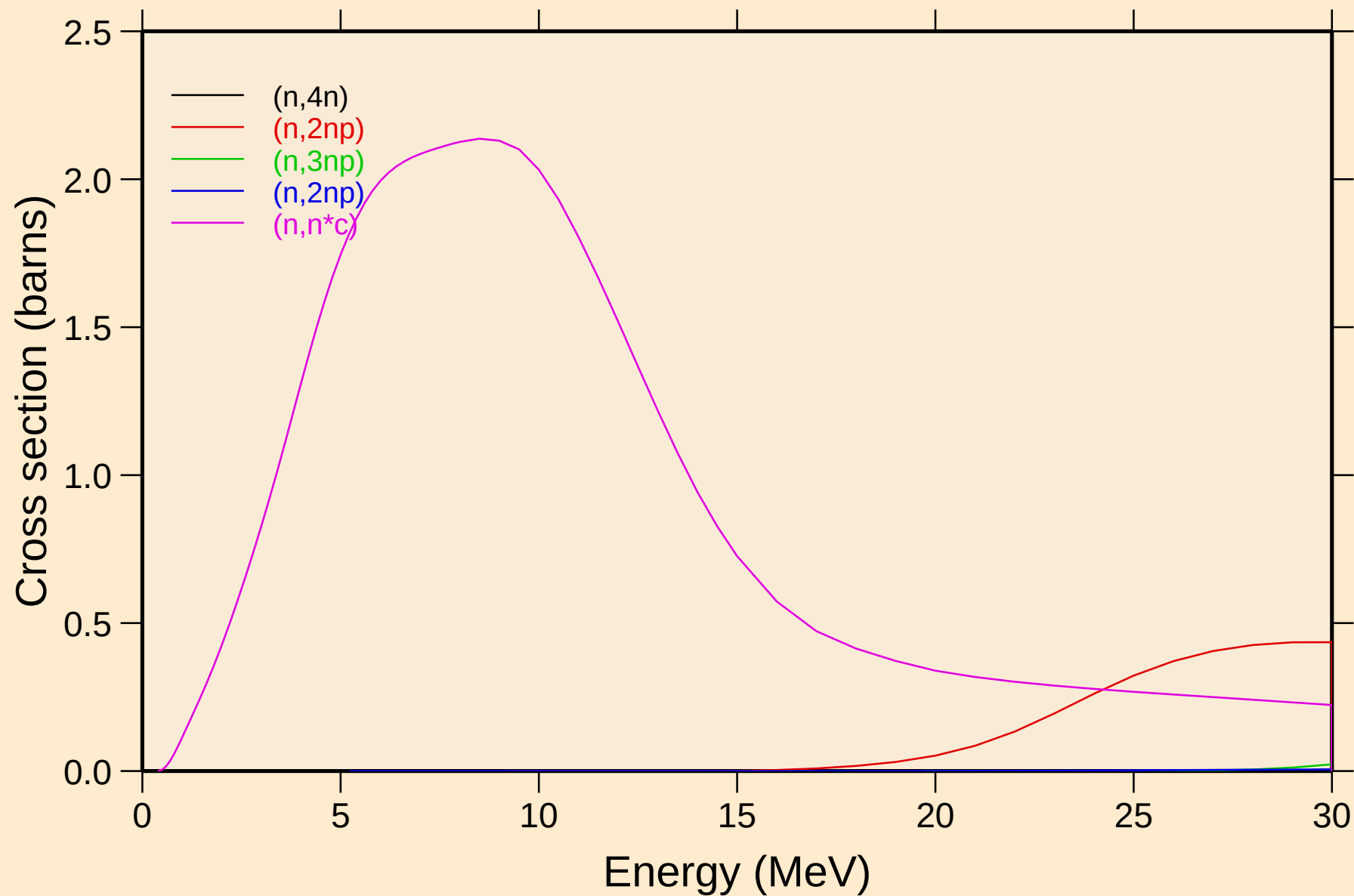
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



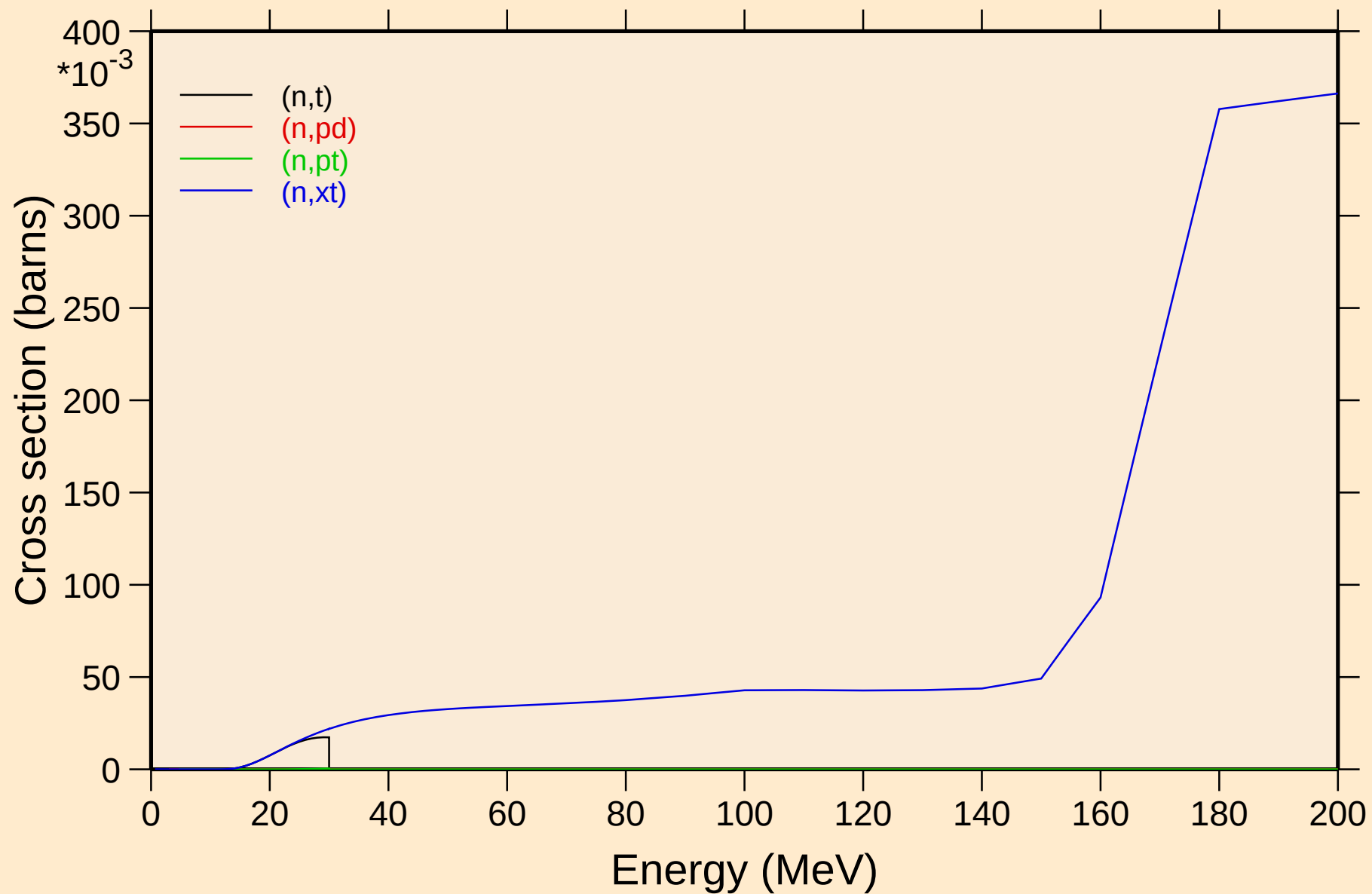
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



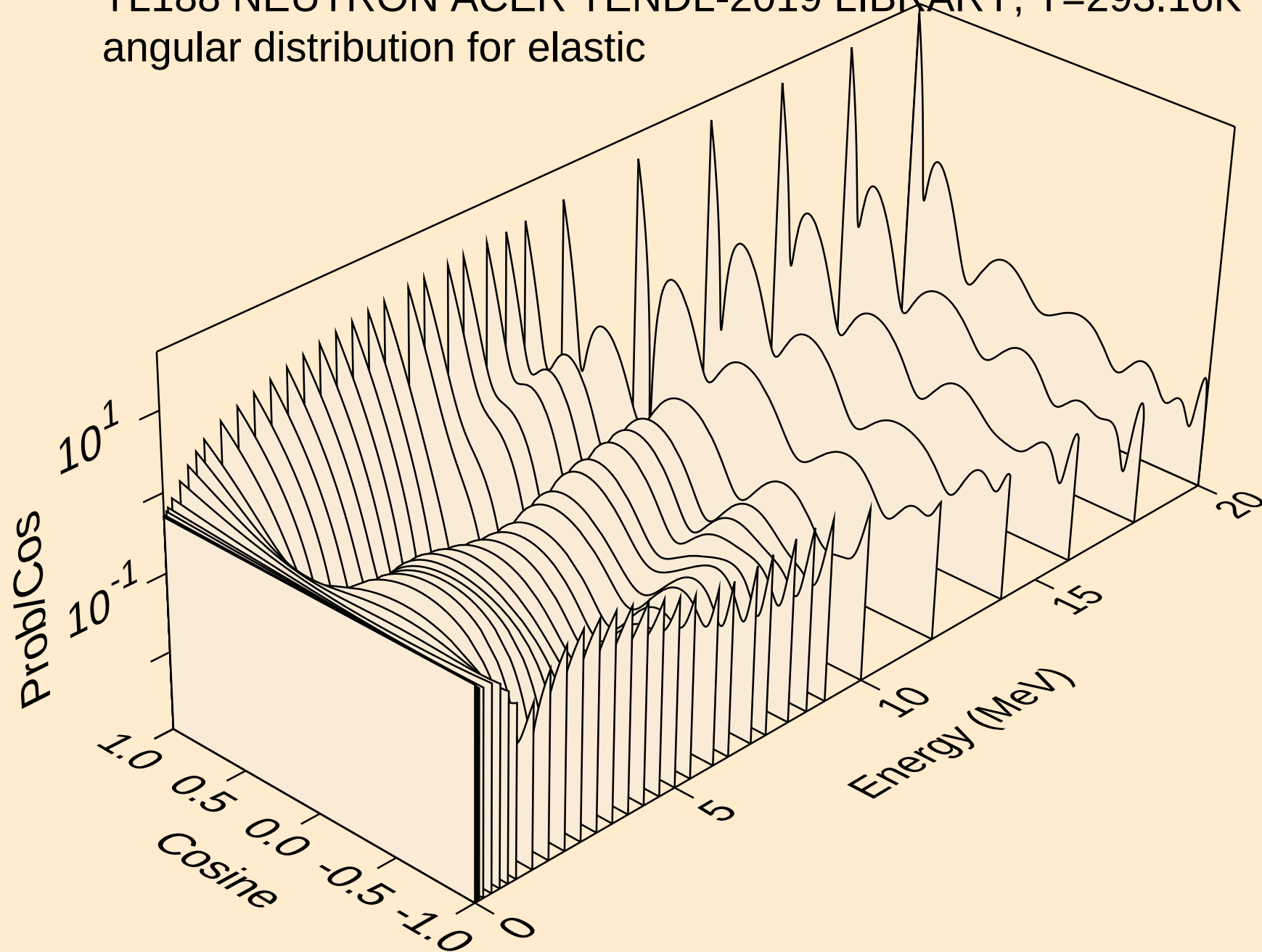
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



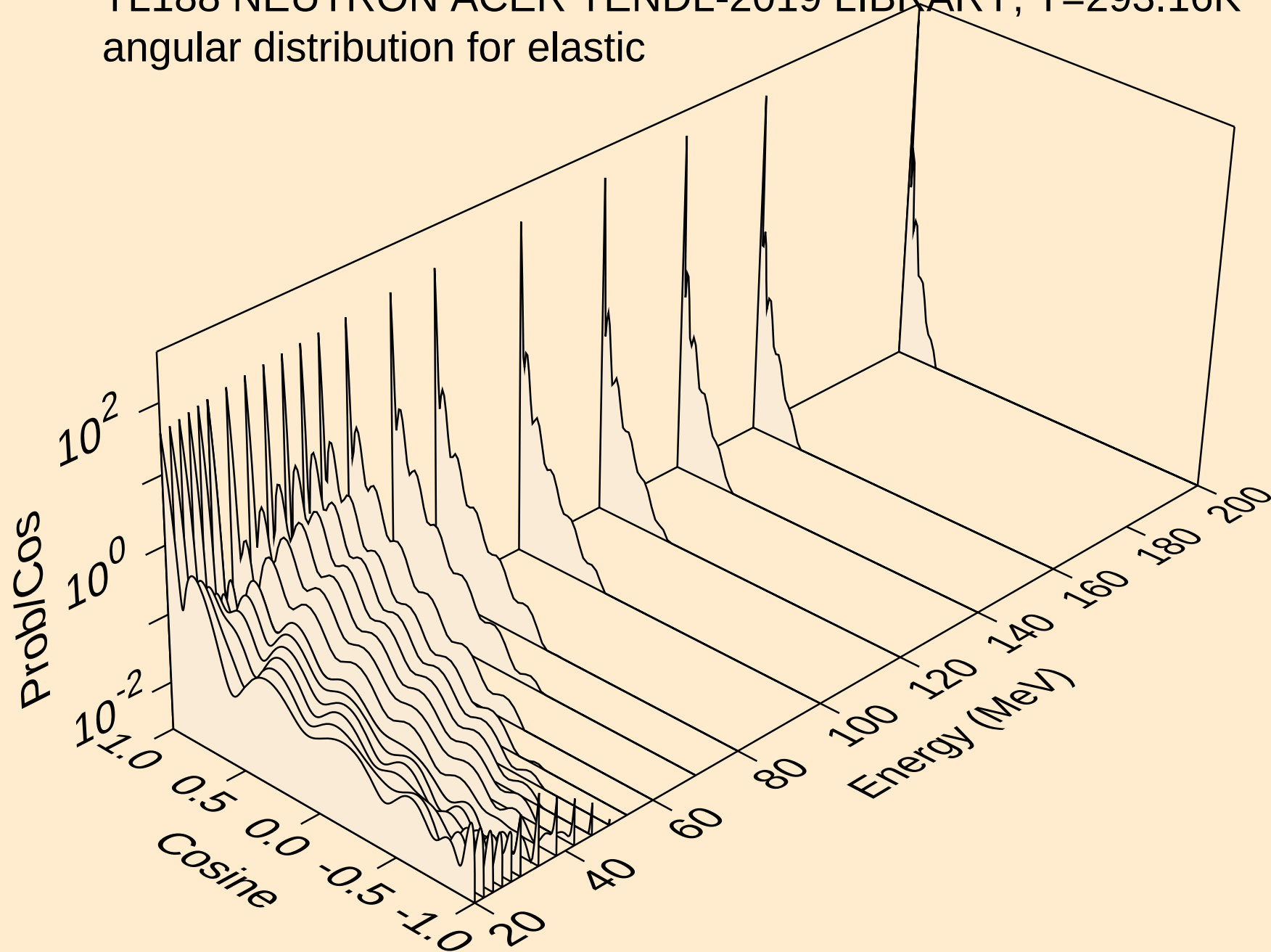
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



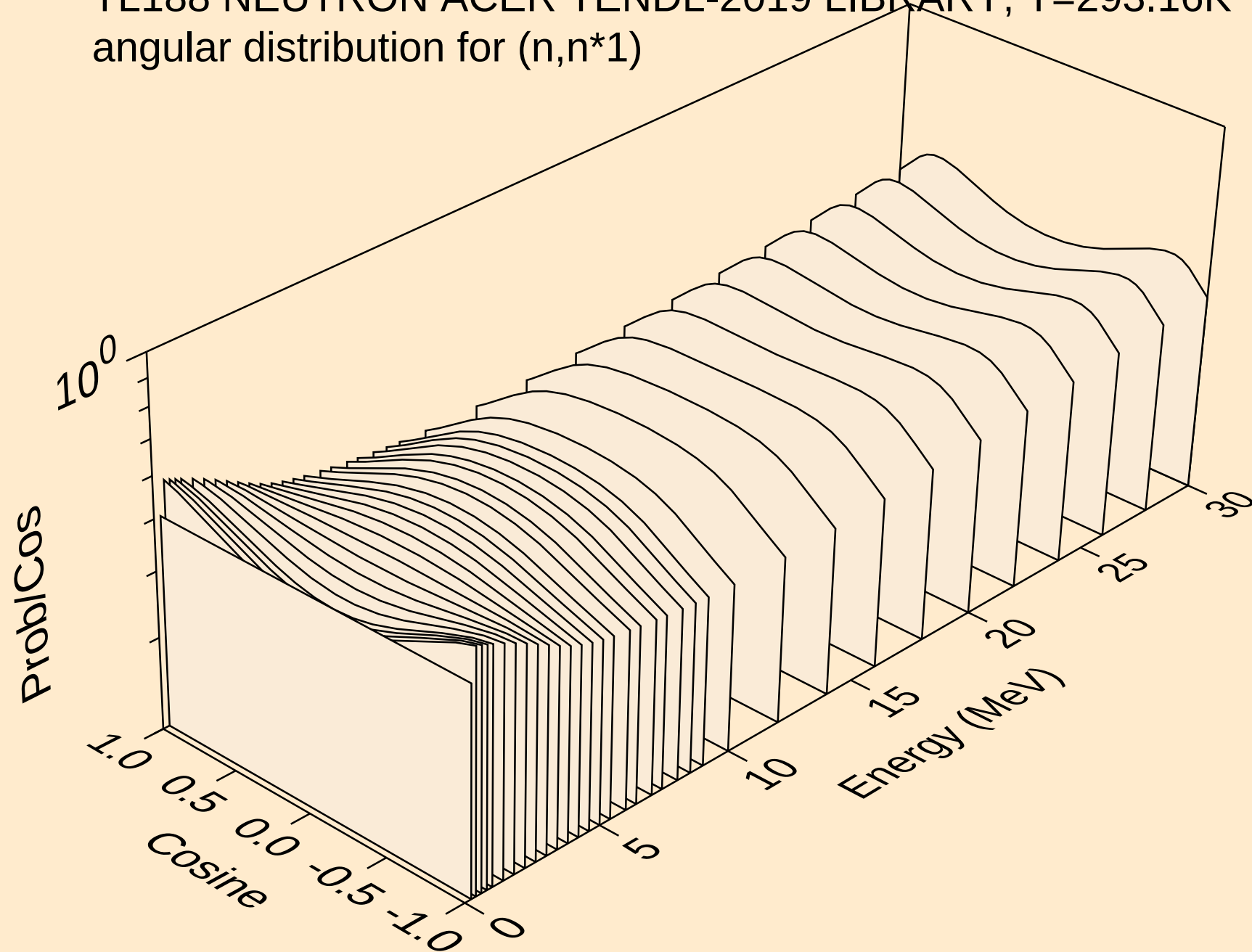
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



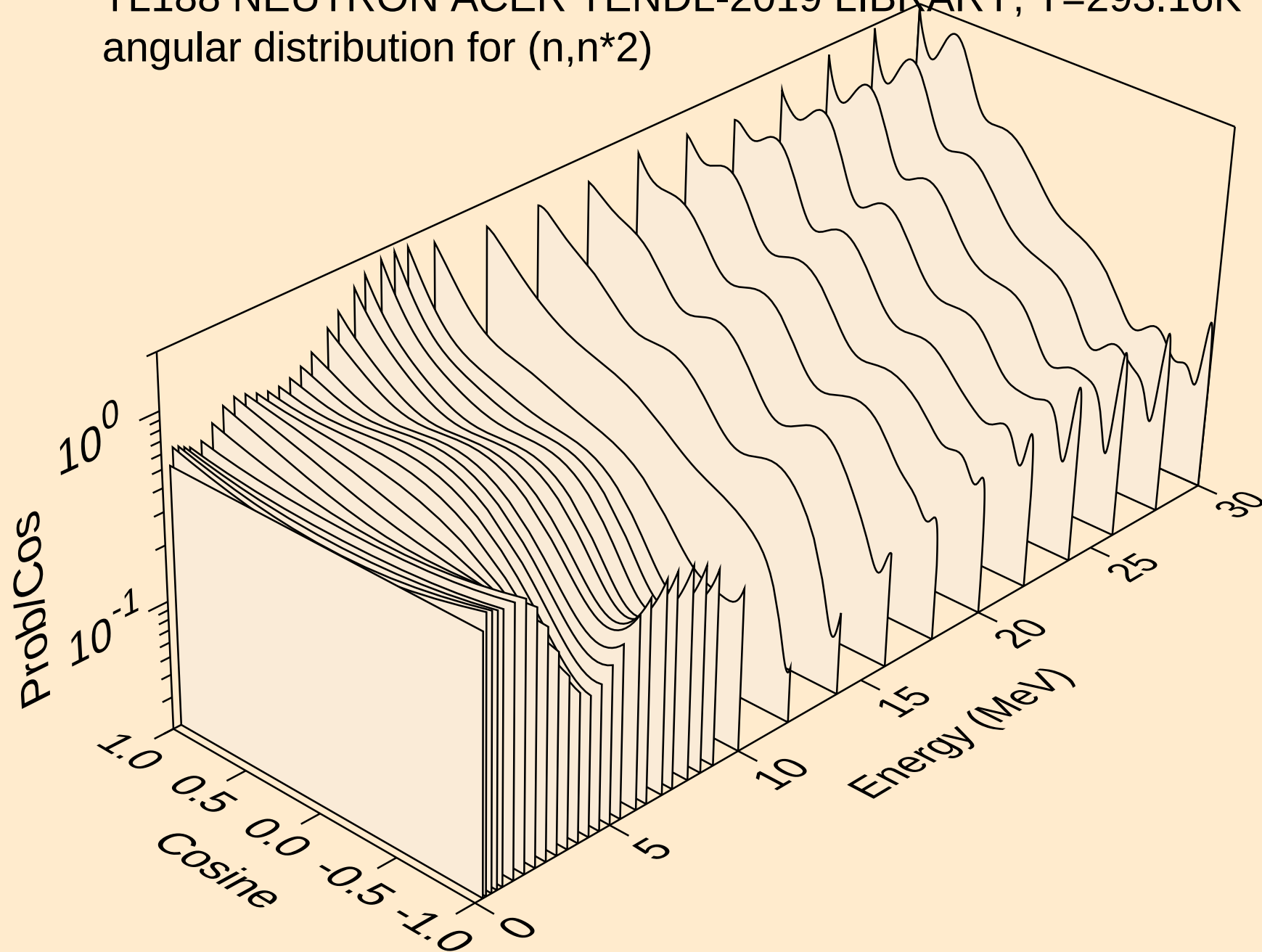
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angular distribution for elastic



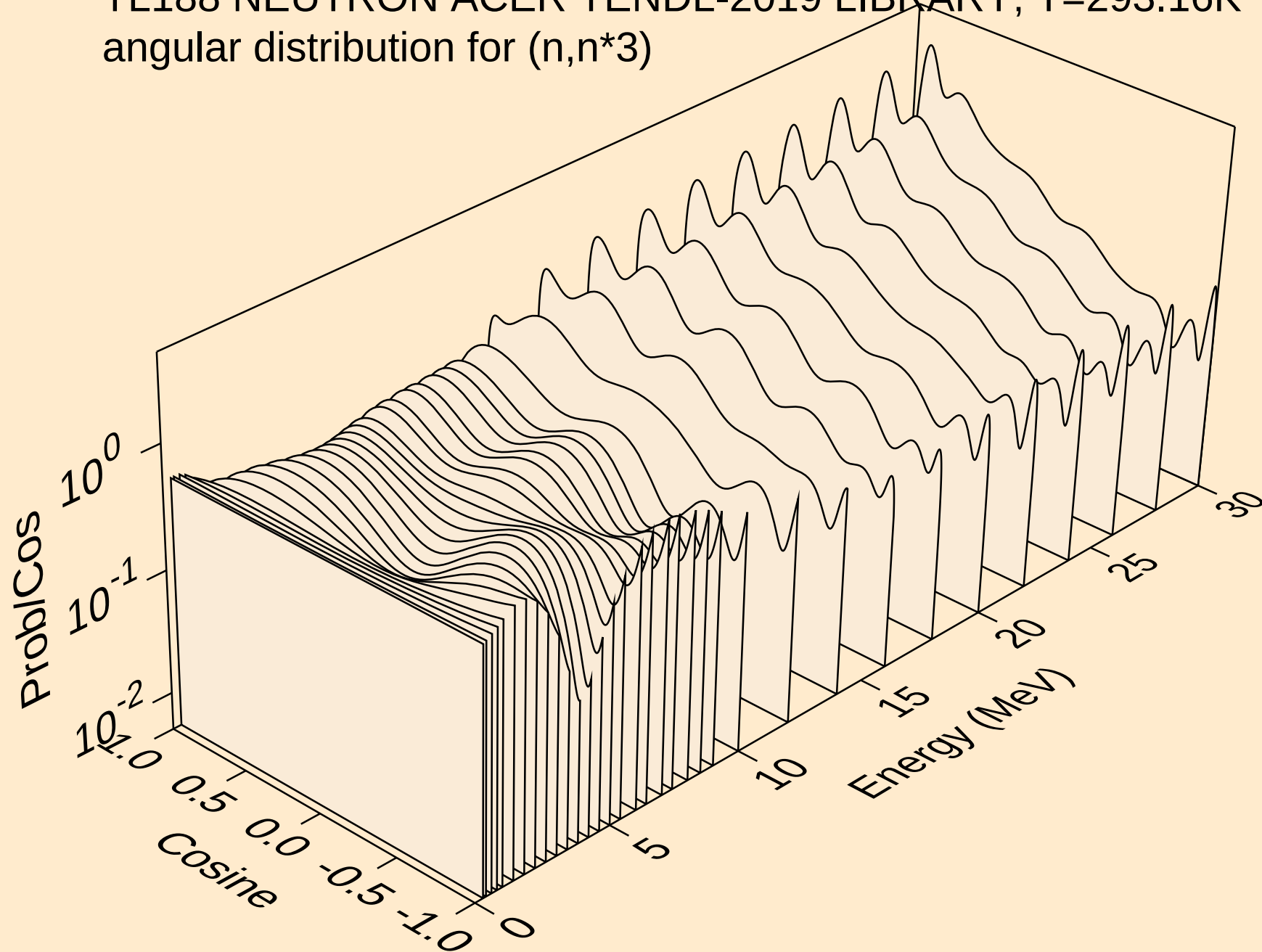
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angular distribution for (n,n*1)



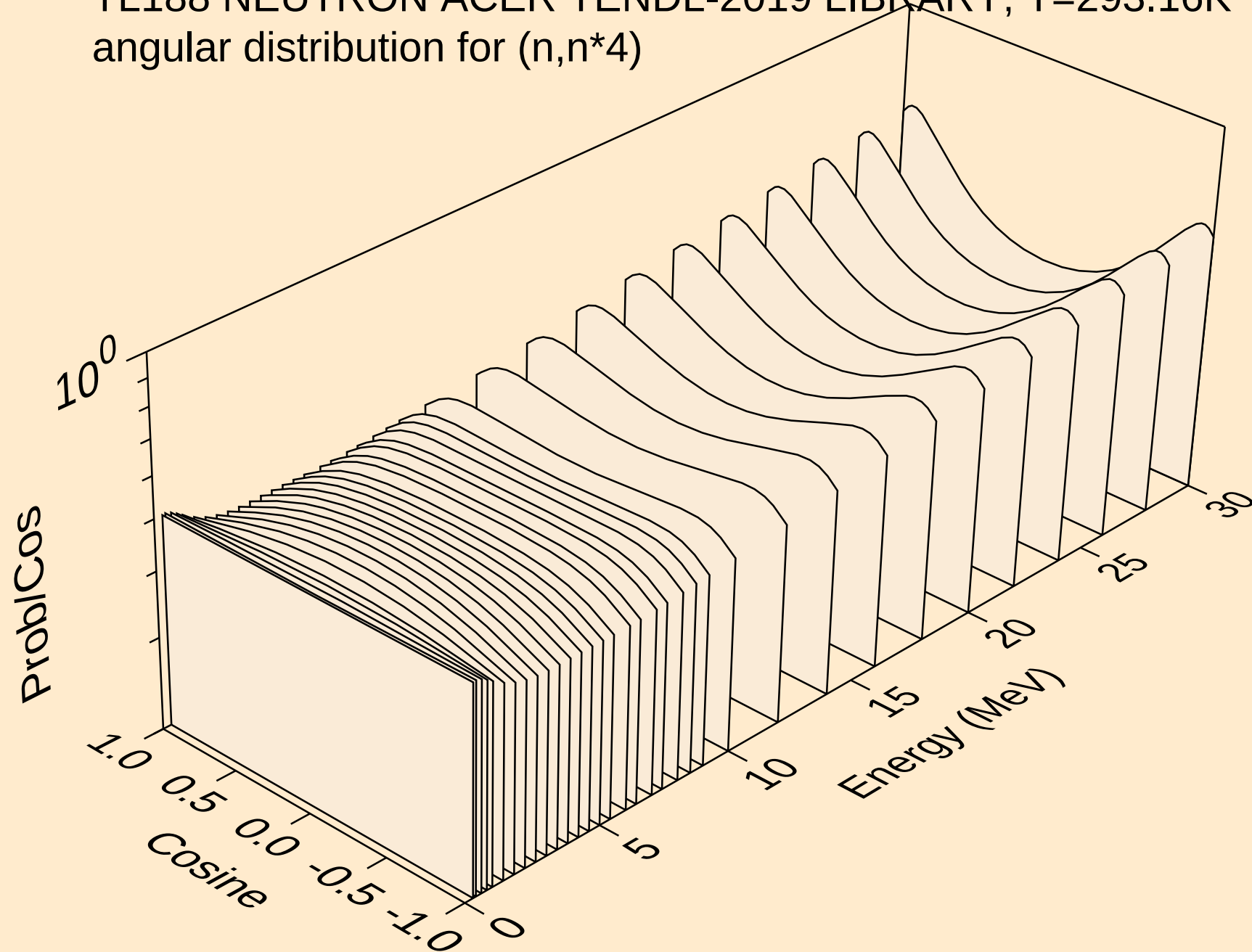
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



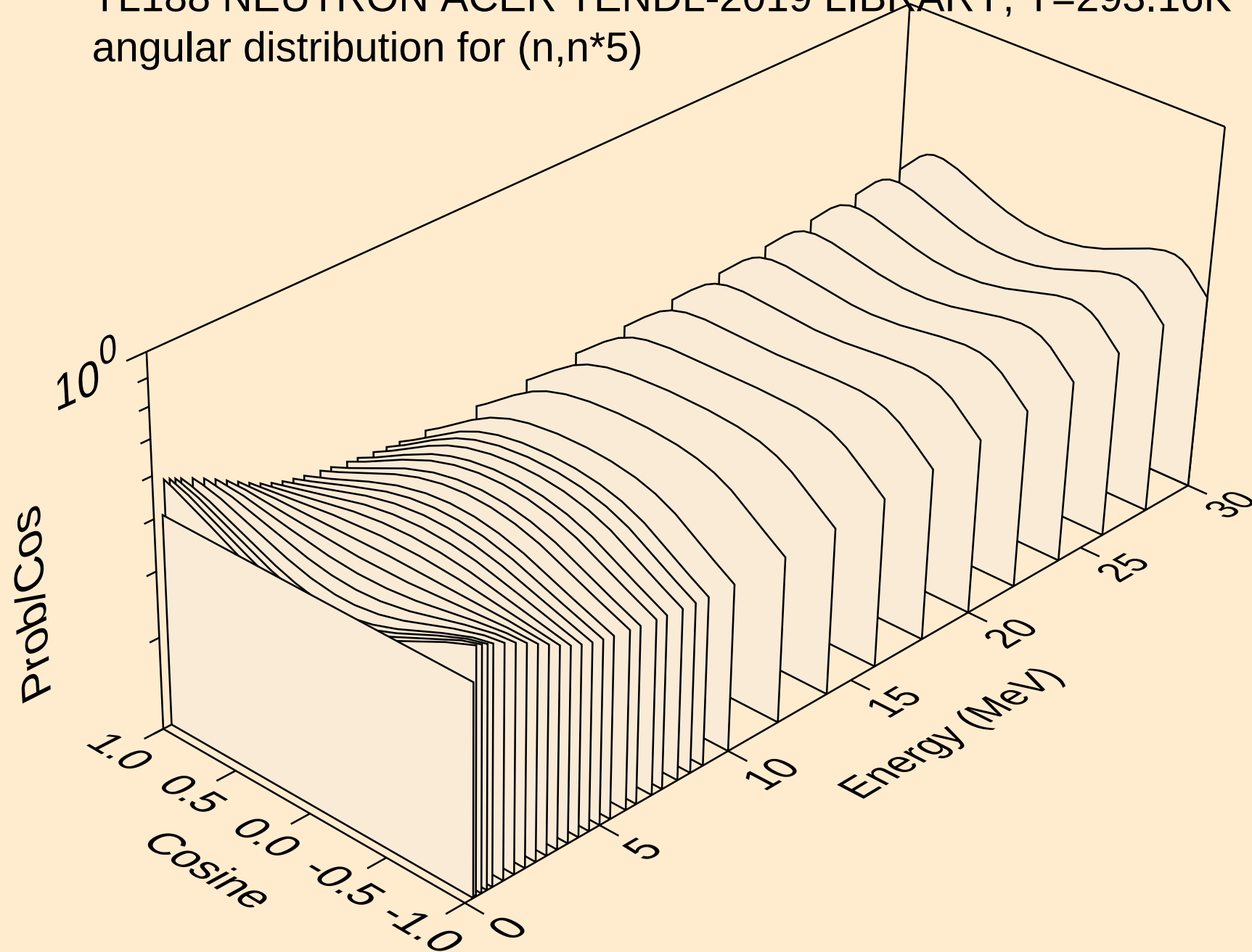
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



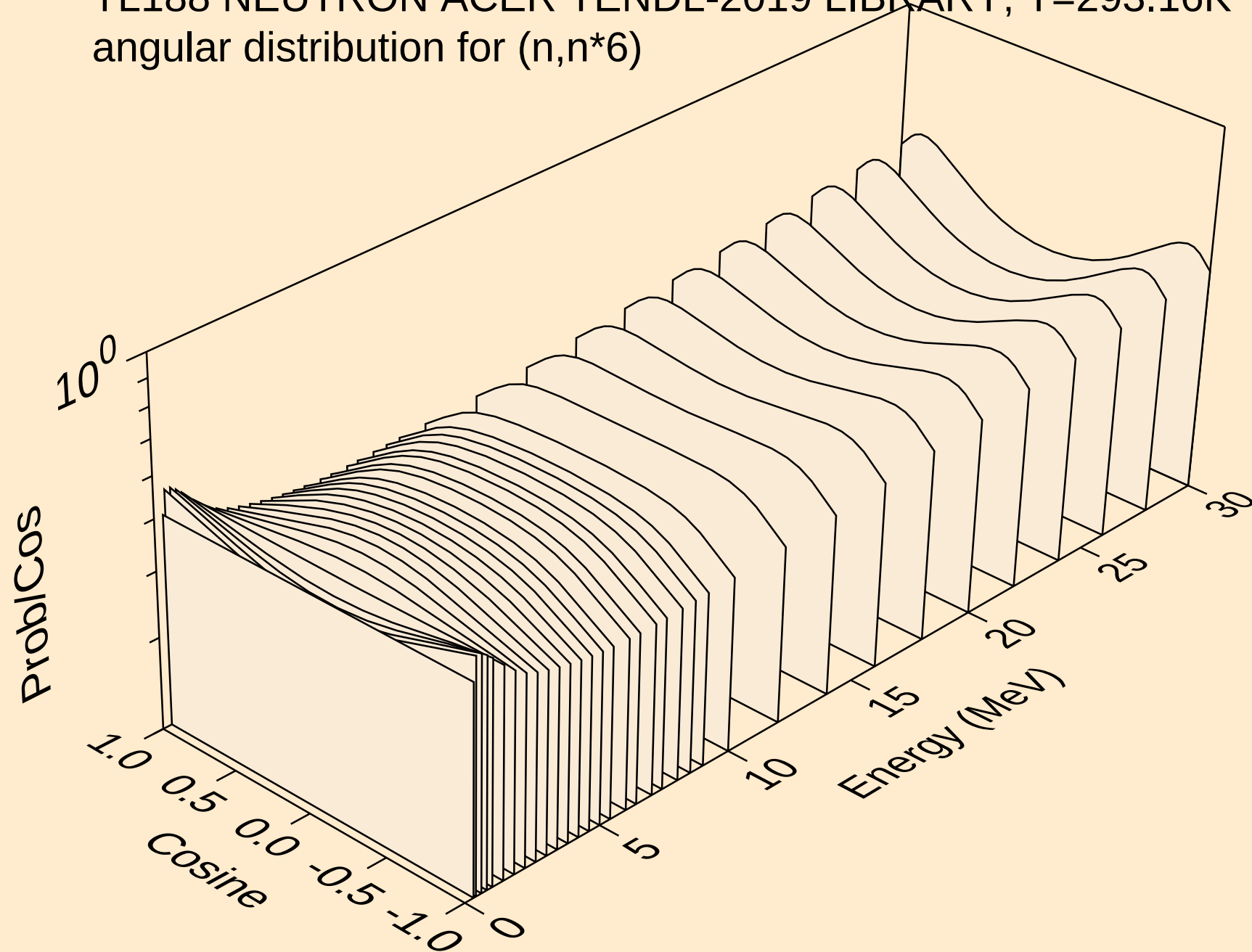
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



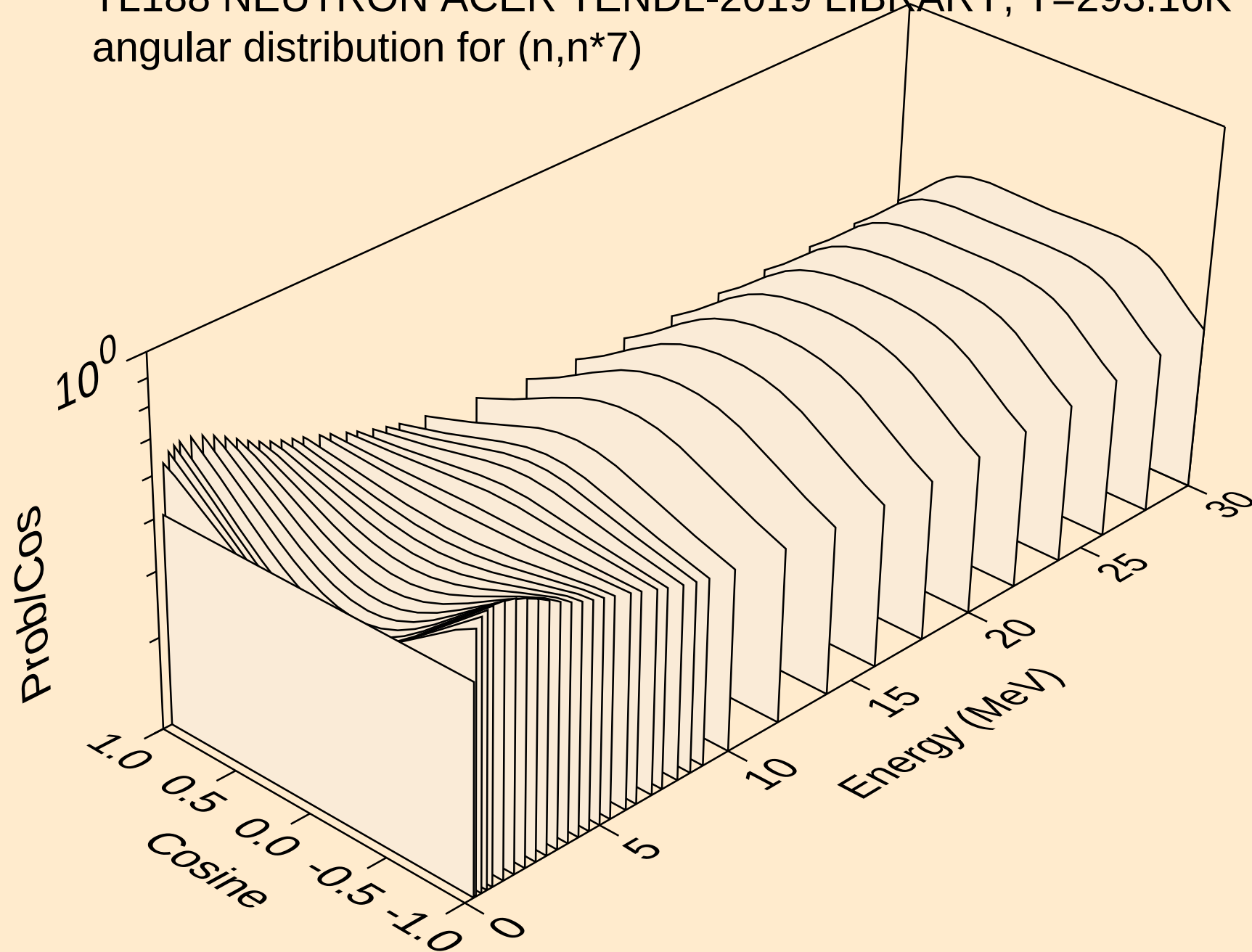
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



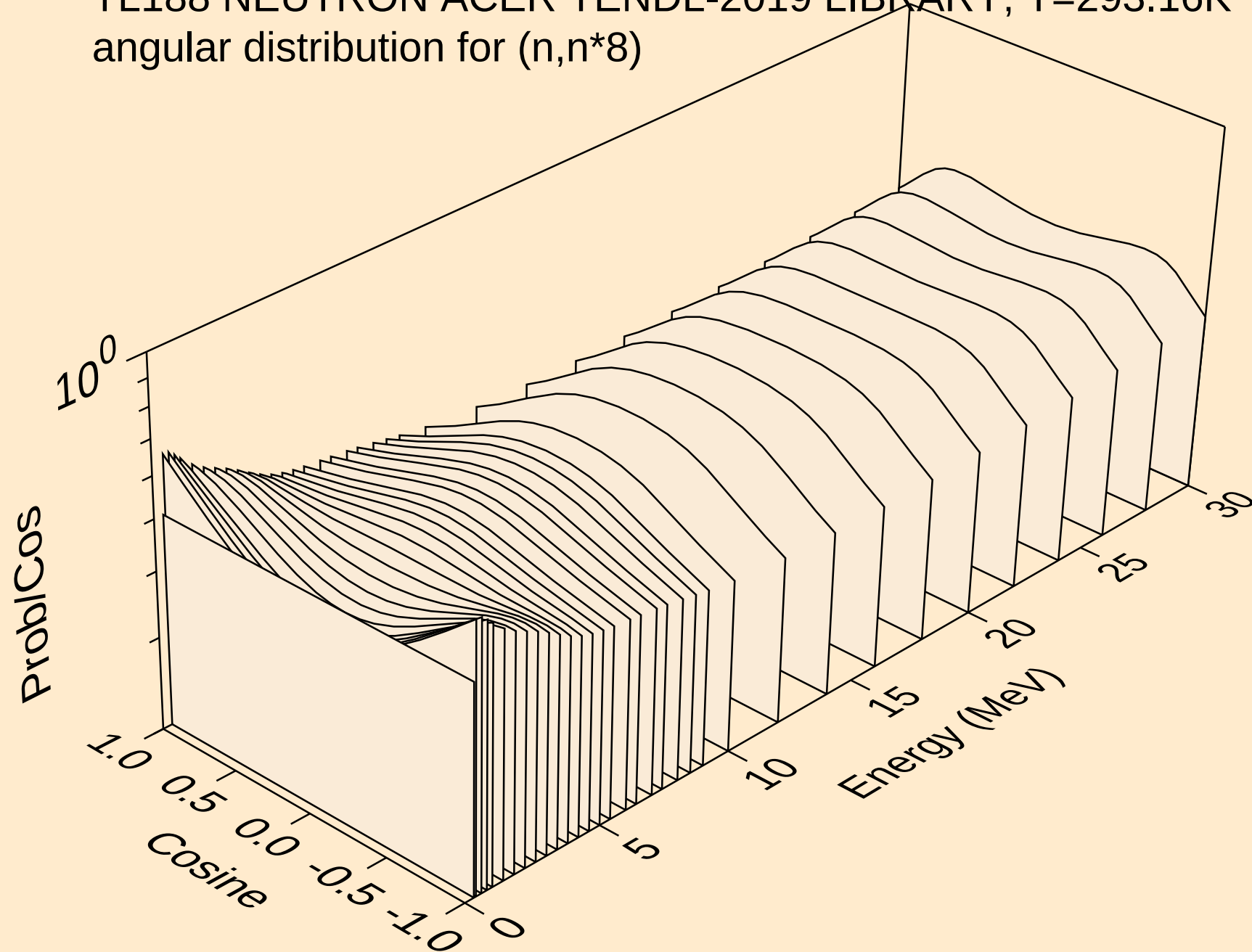
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



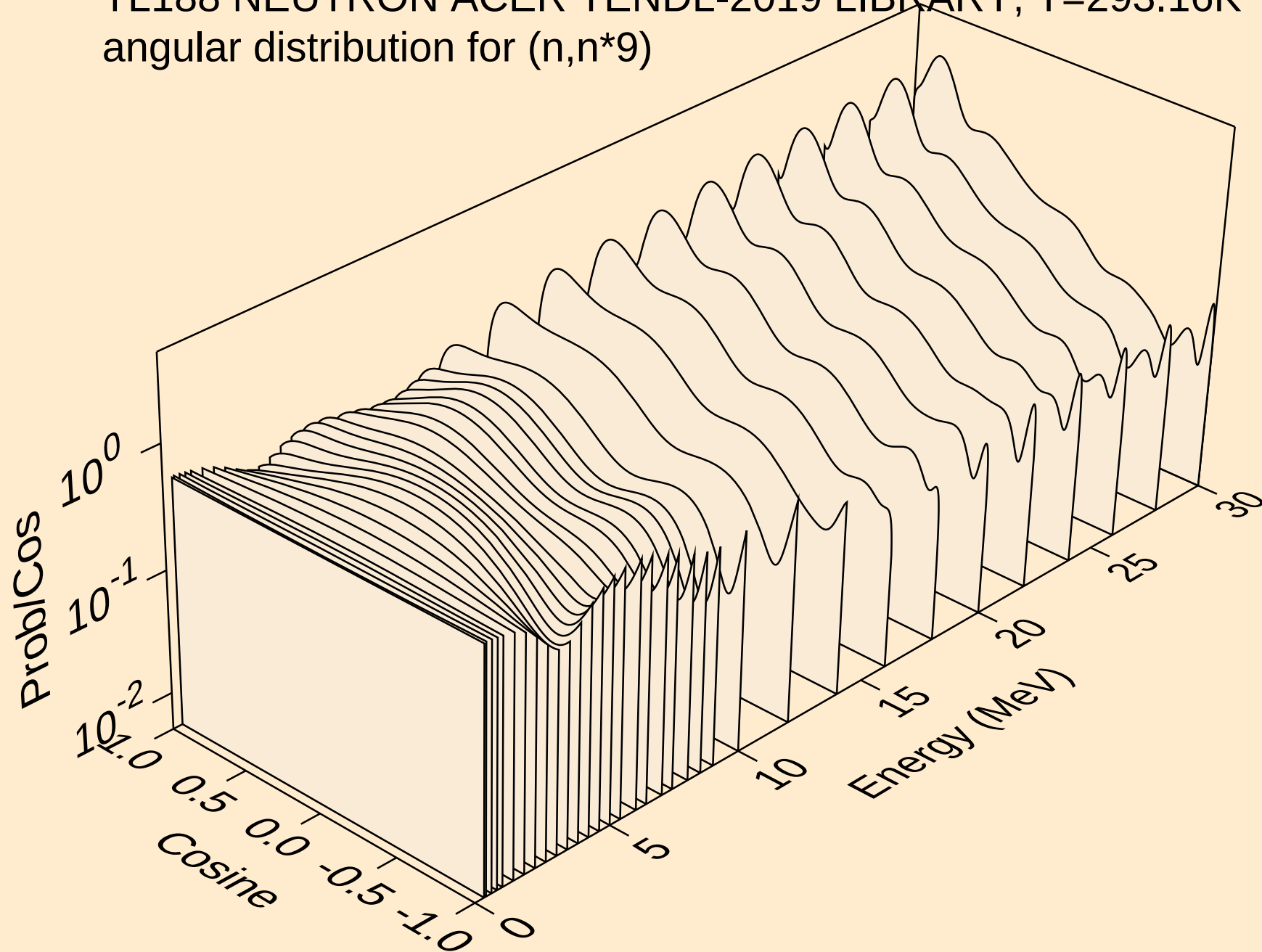
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angular distribution for (n,n*7)



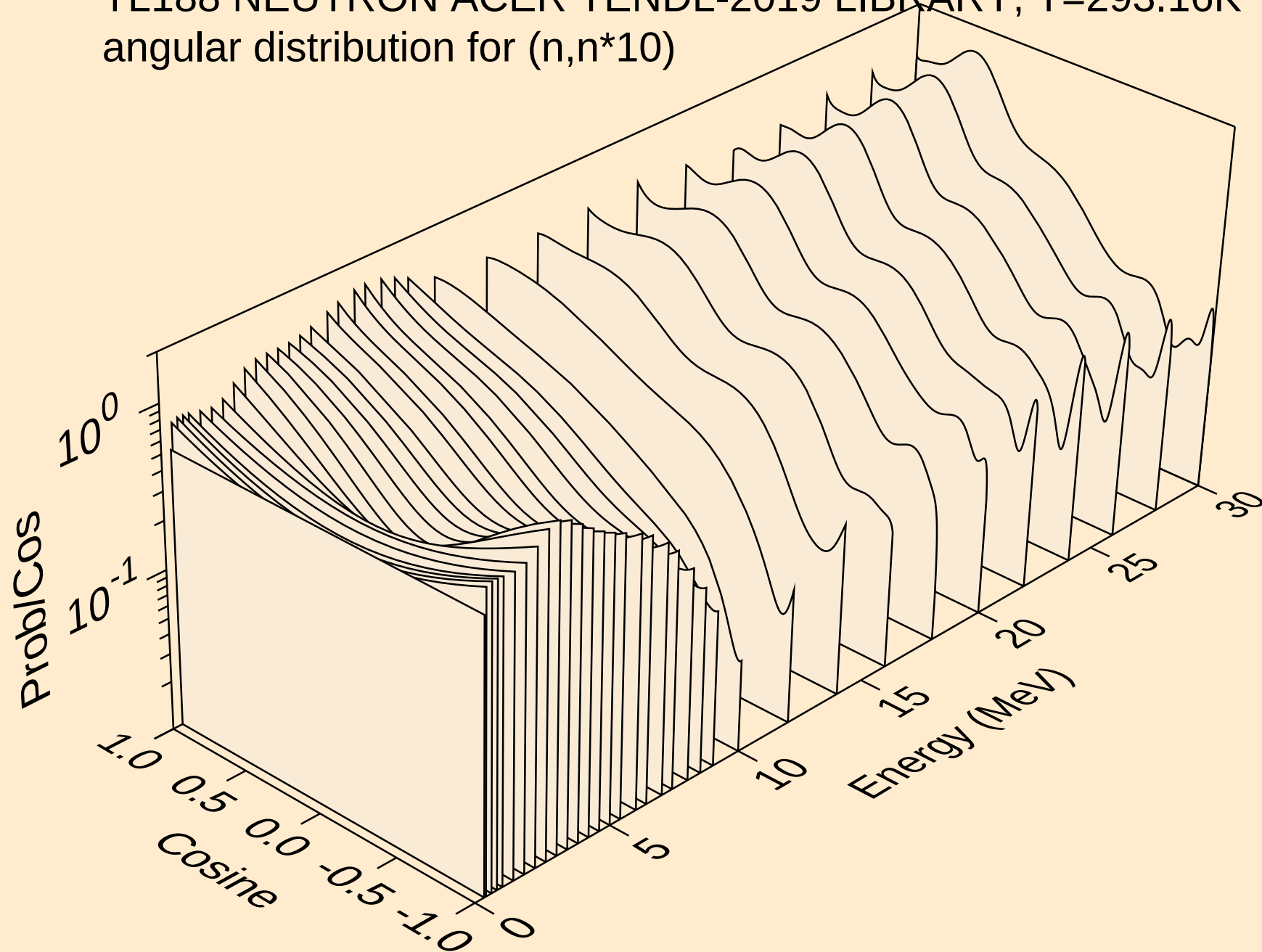
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angular distribution for (n,n*8)



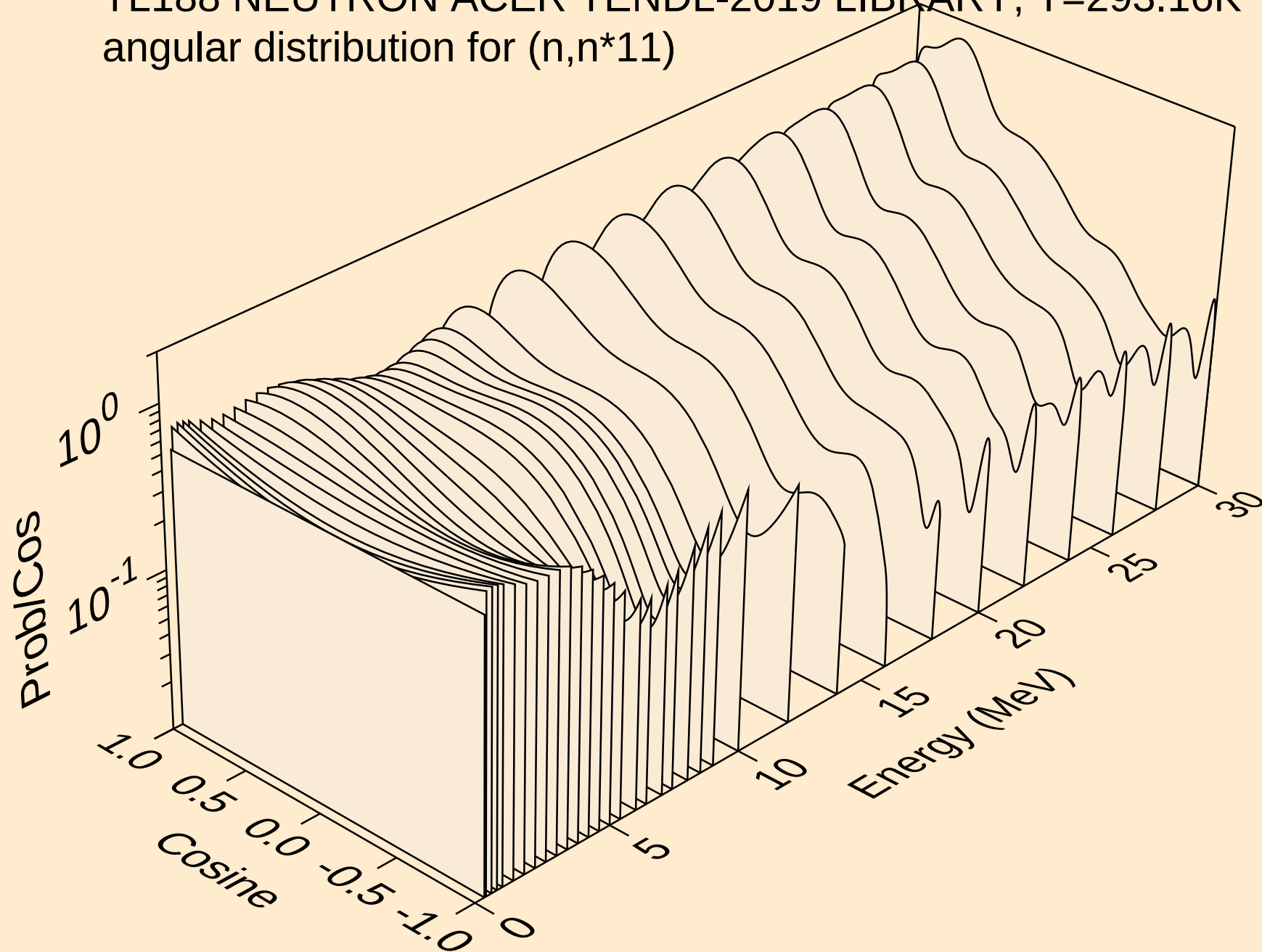
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angular distribution for (n,n*9)



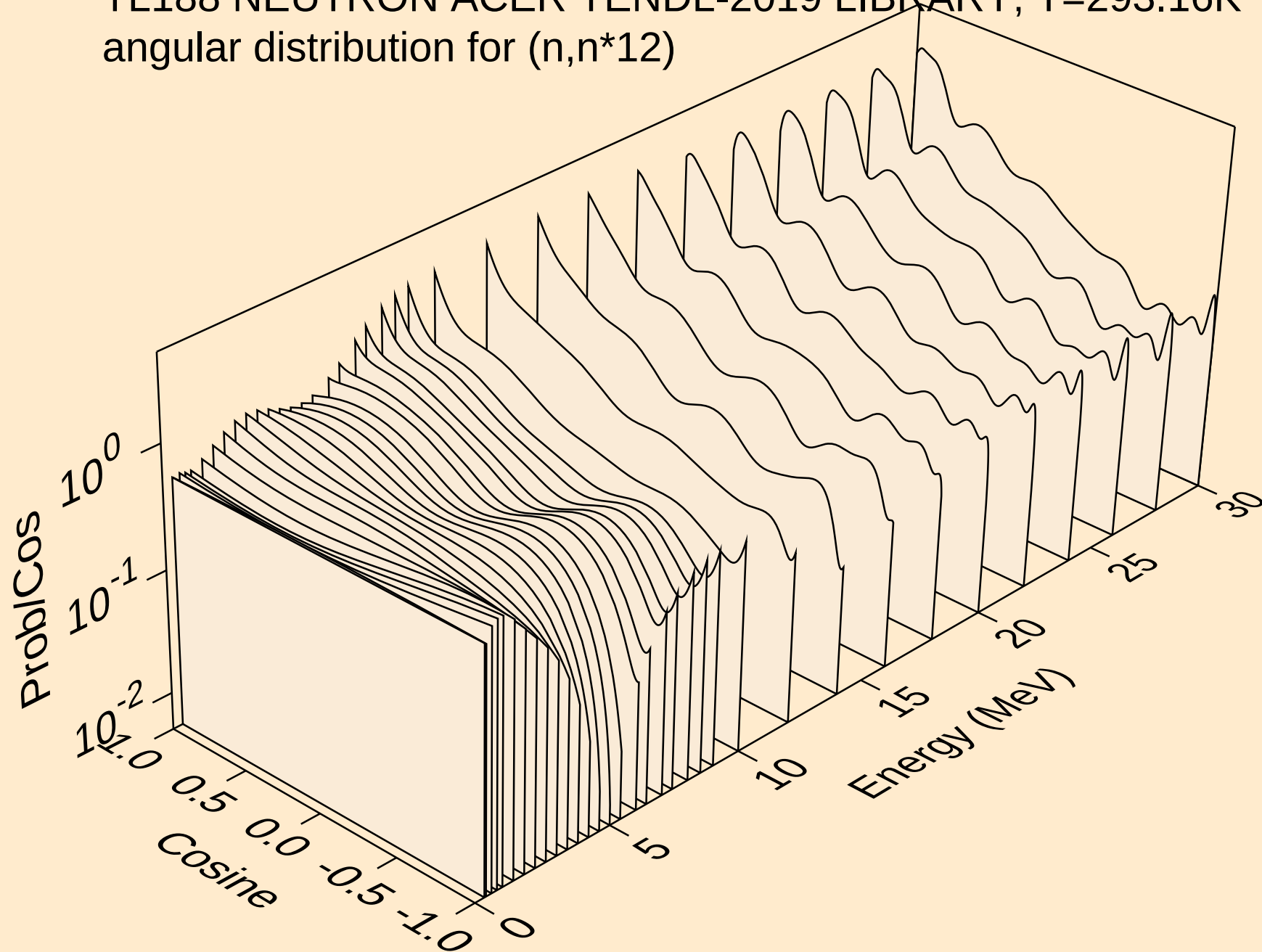
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angular distribution for (n,n*10)



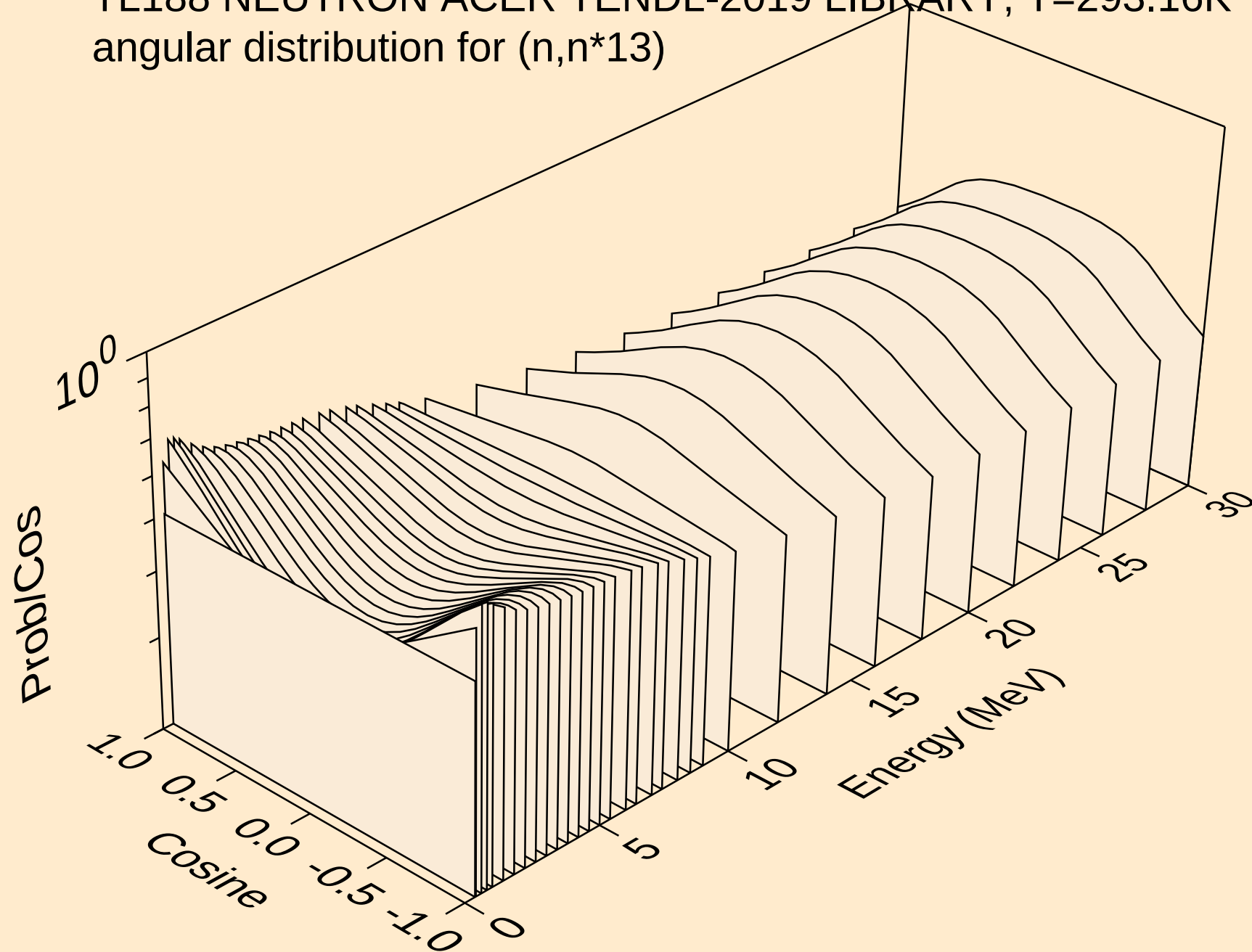
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angular distribution for (n,n*11)



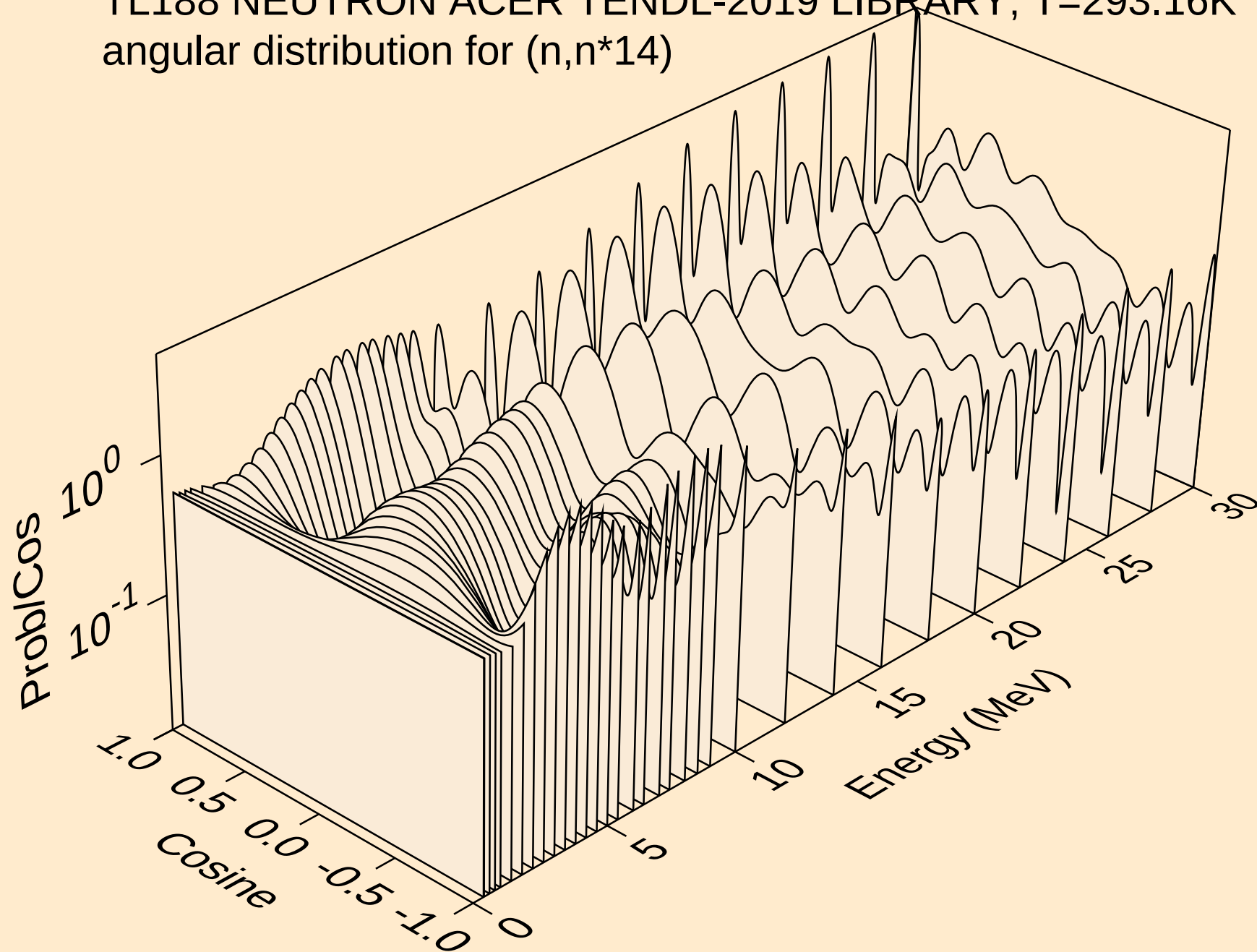
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angular distribution for (n,n*12)



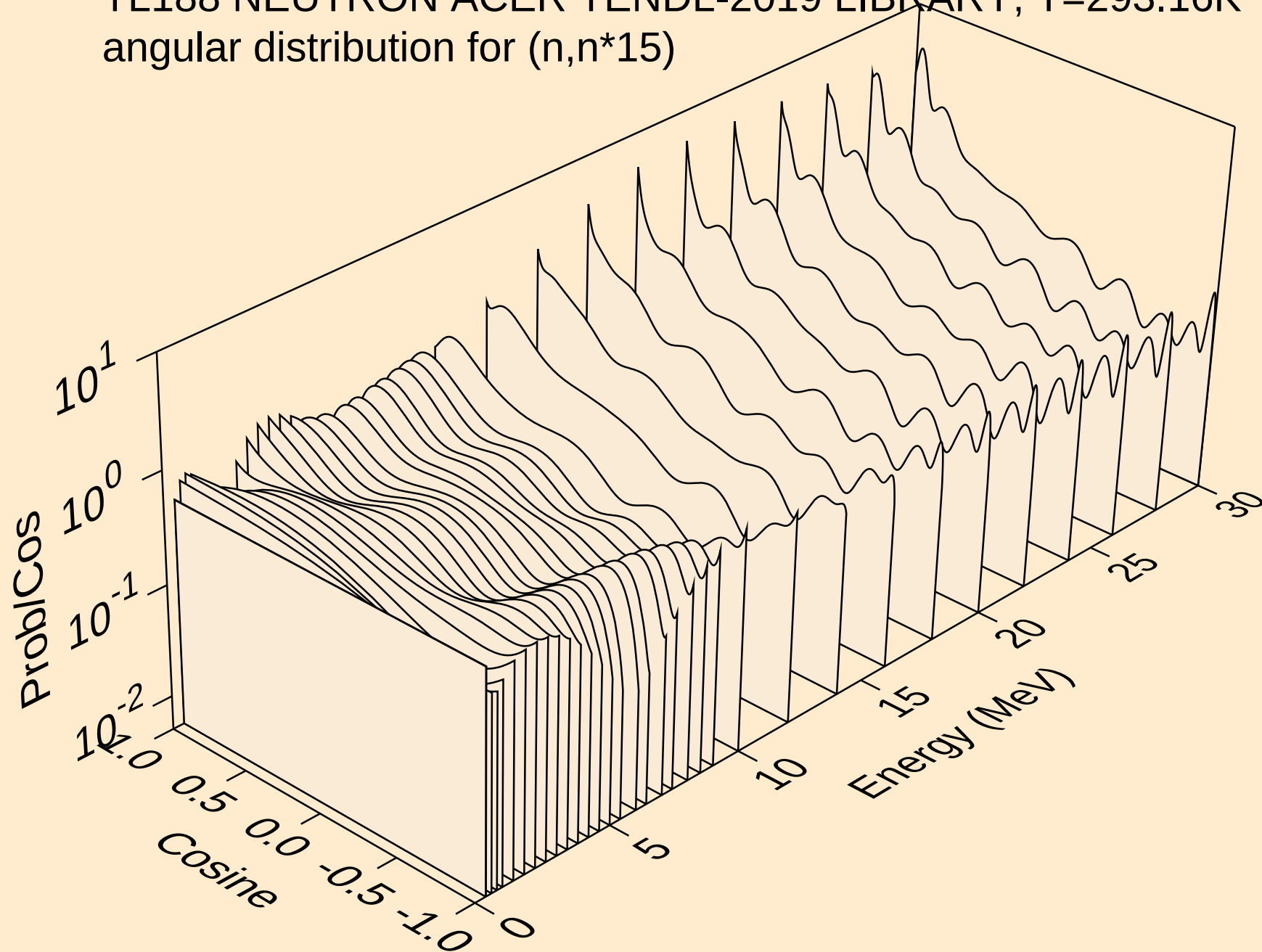
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angular distribution for (n,n*13)



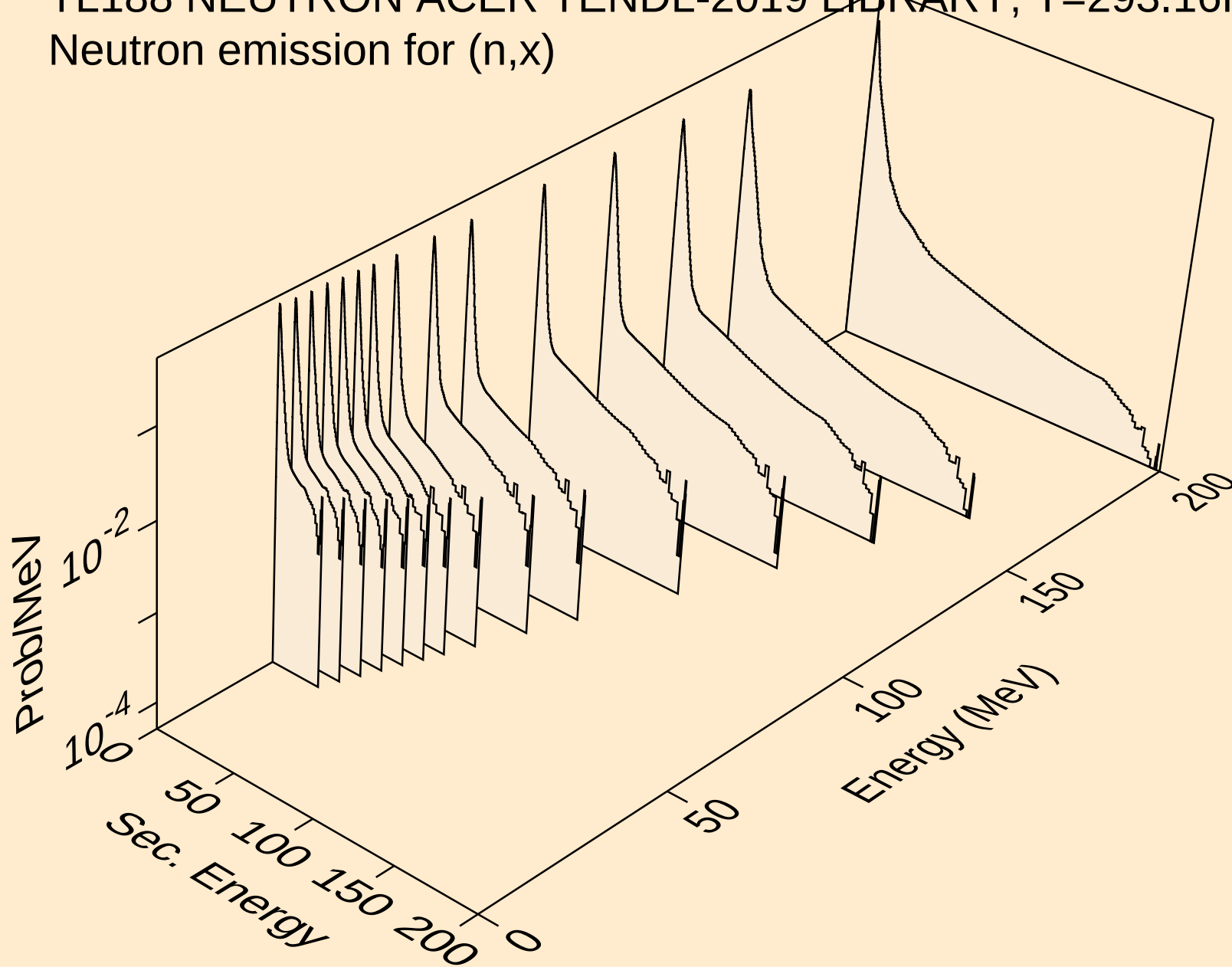
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angular distribution for (n,n*14)



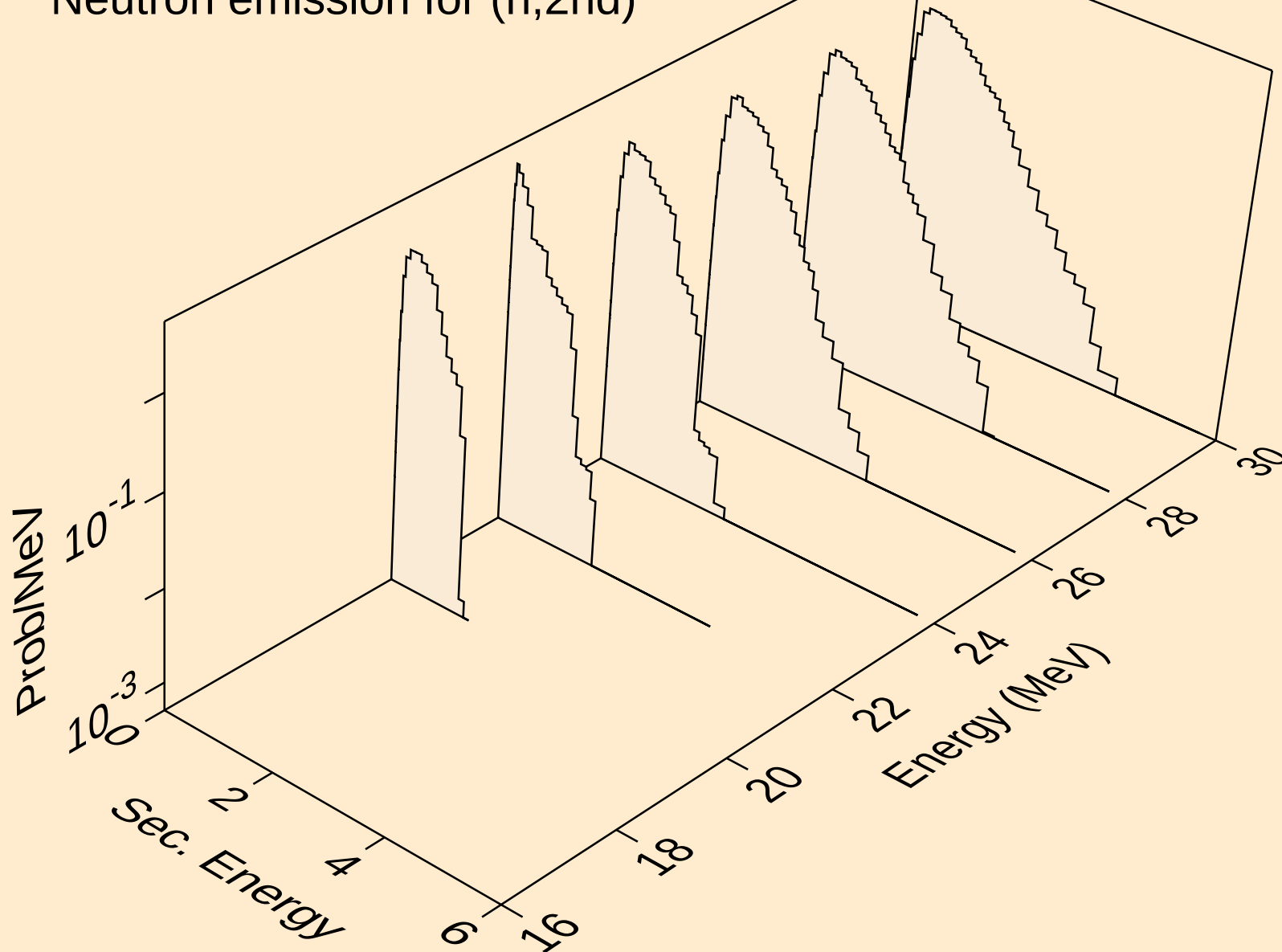
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angular distribution for (n,n*15)



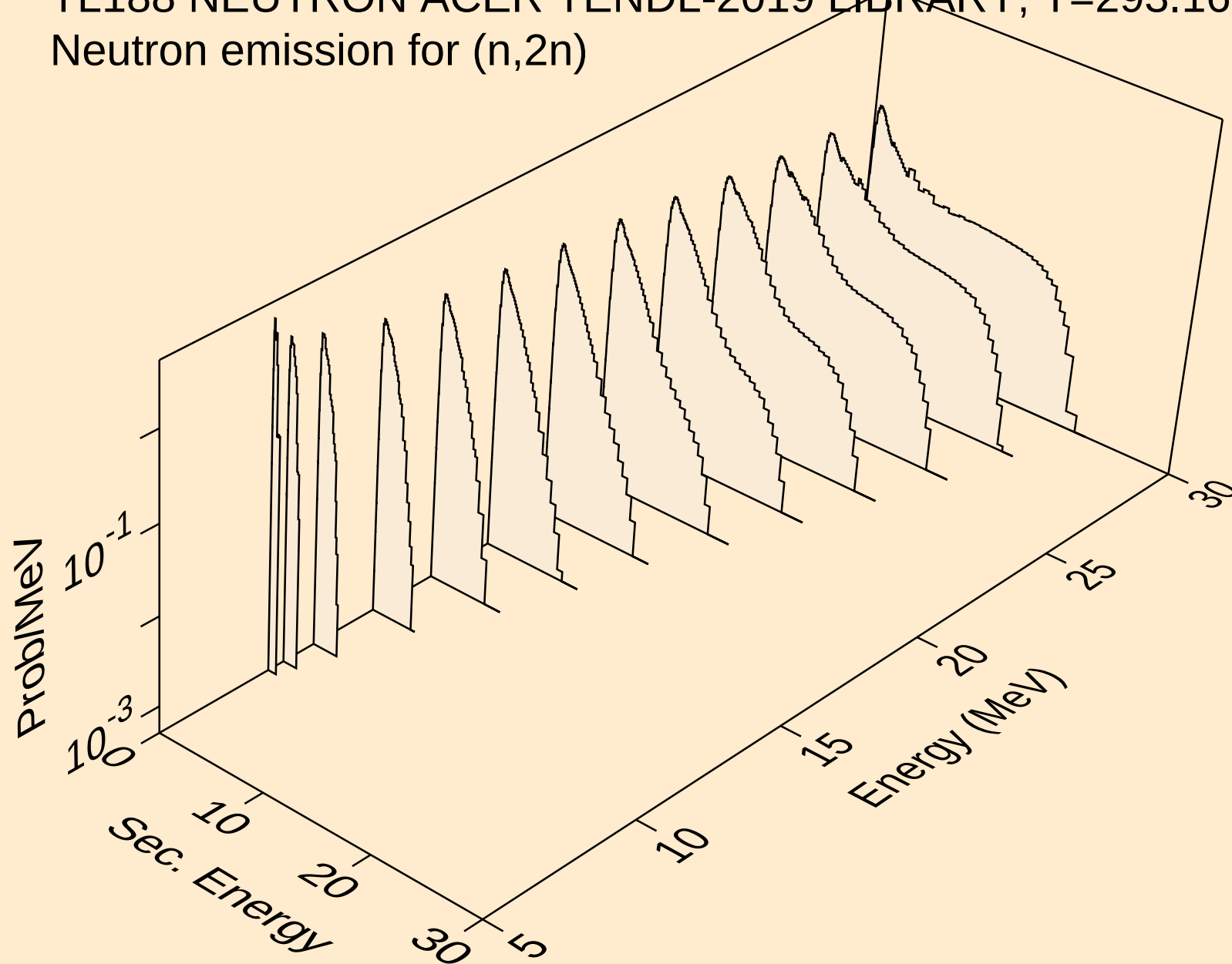
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



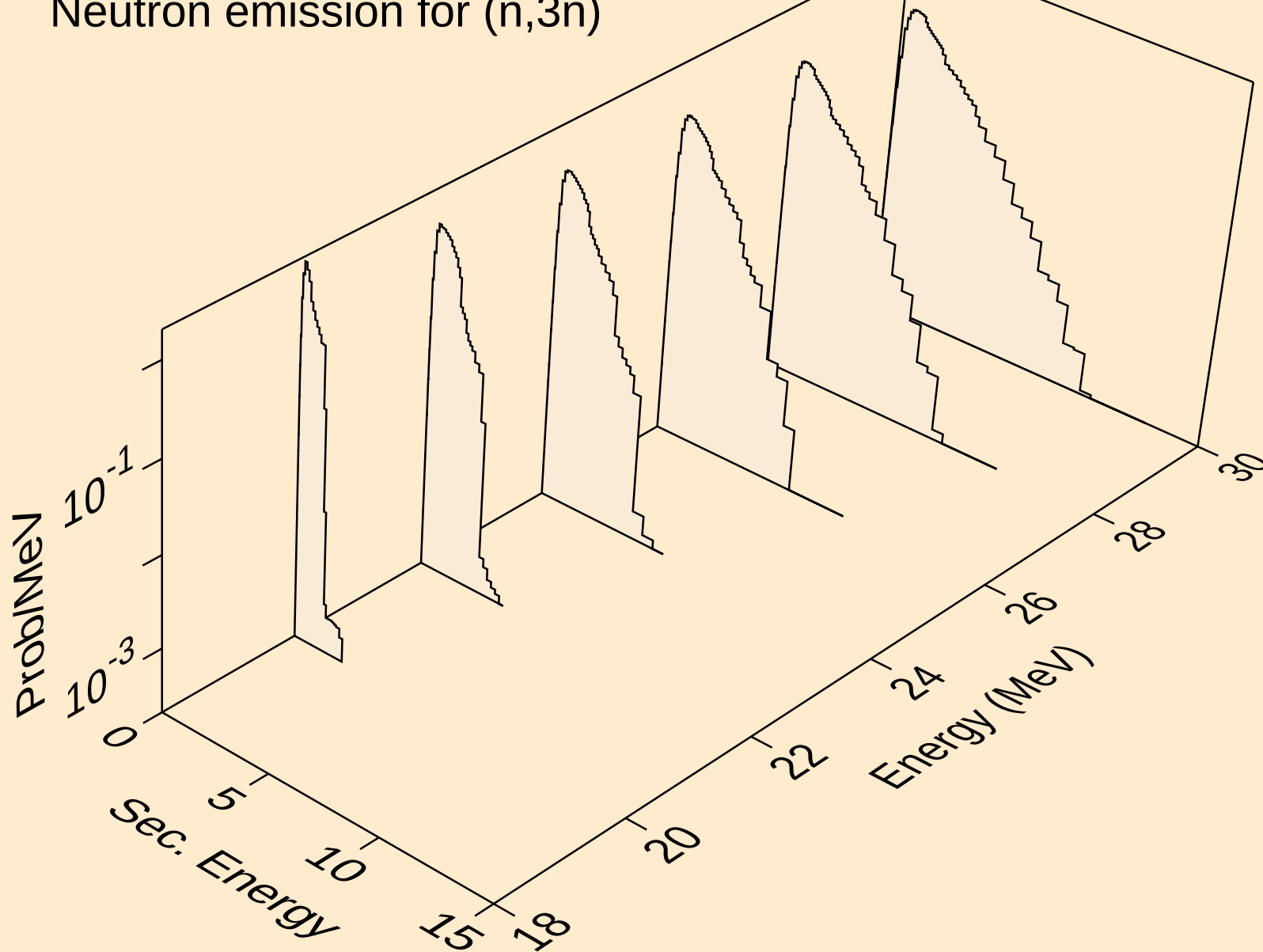
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



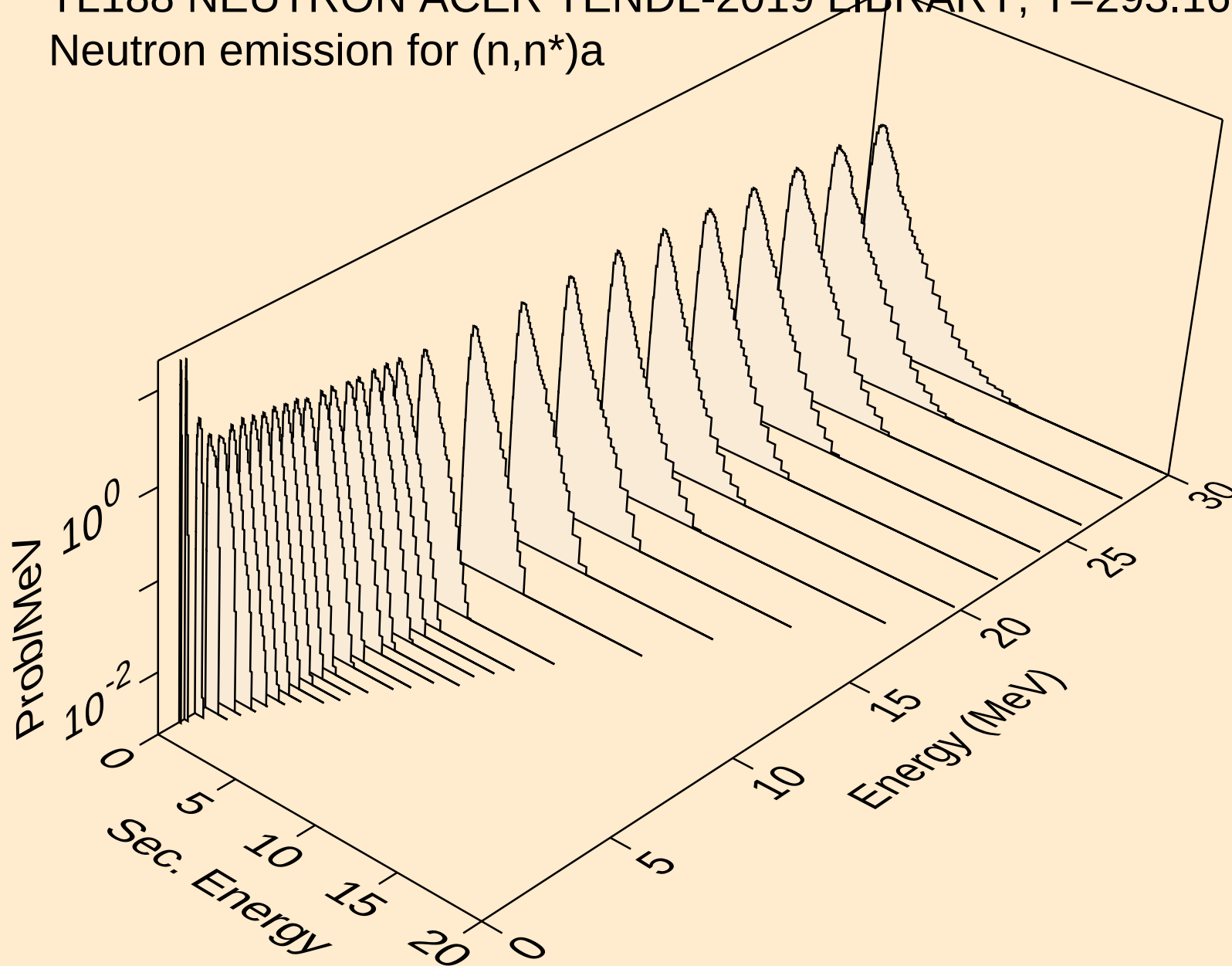
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



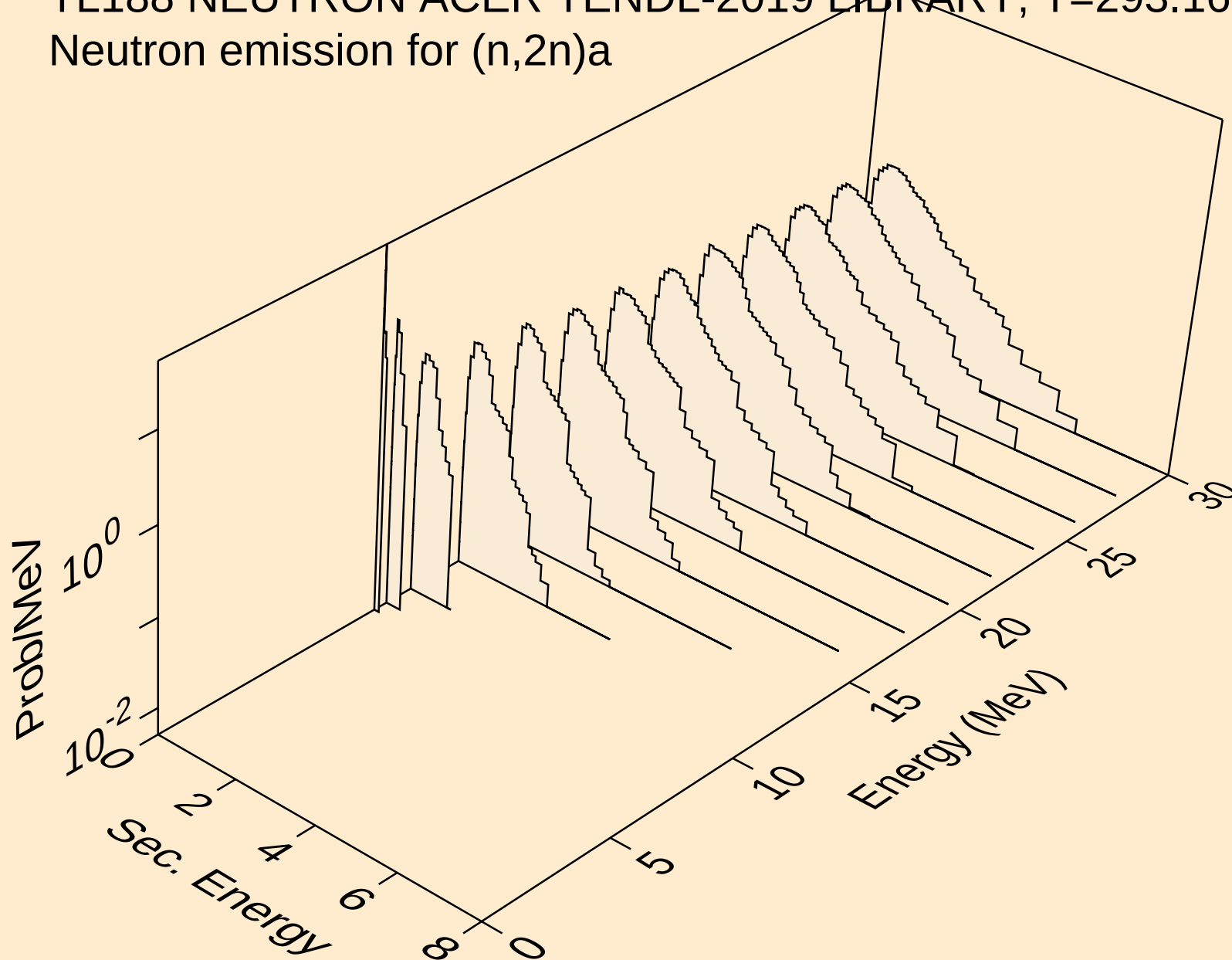
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



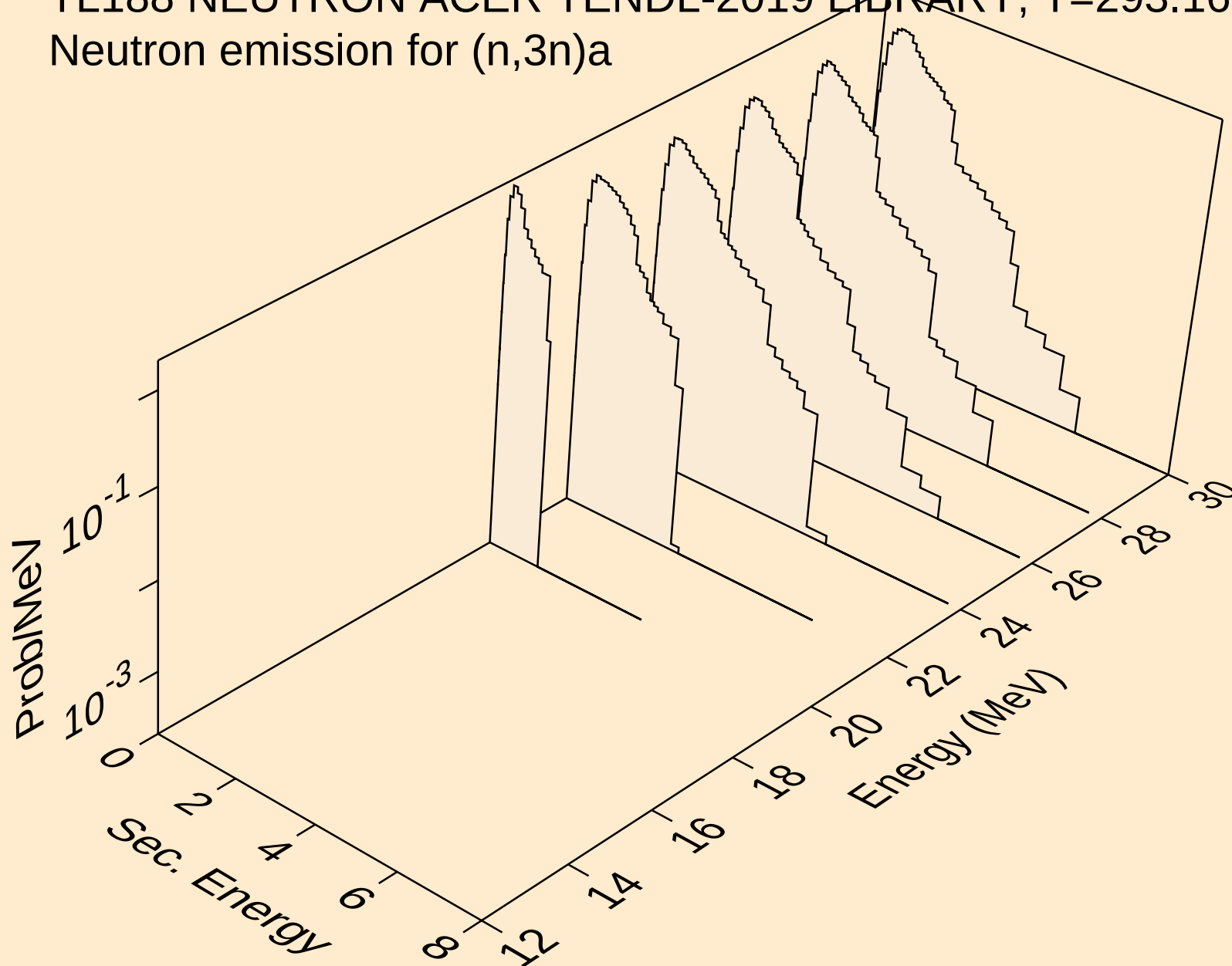
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



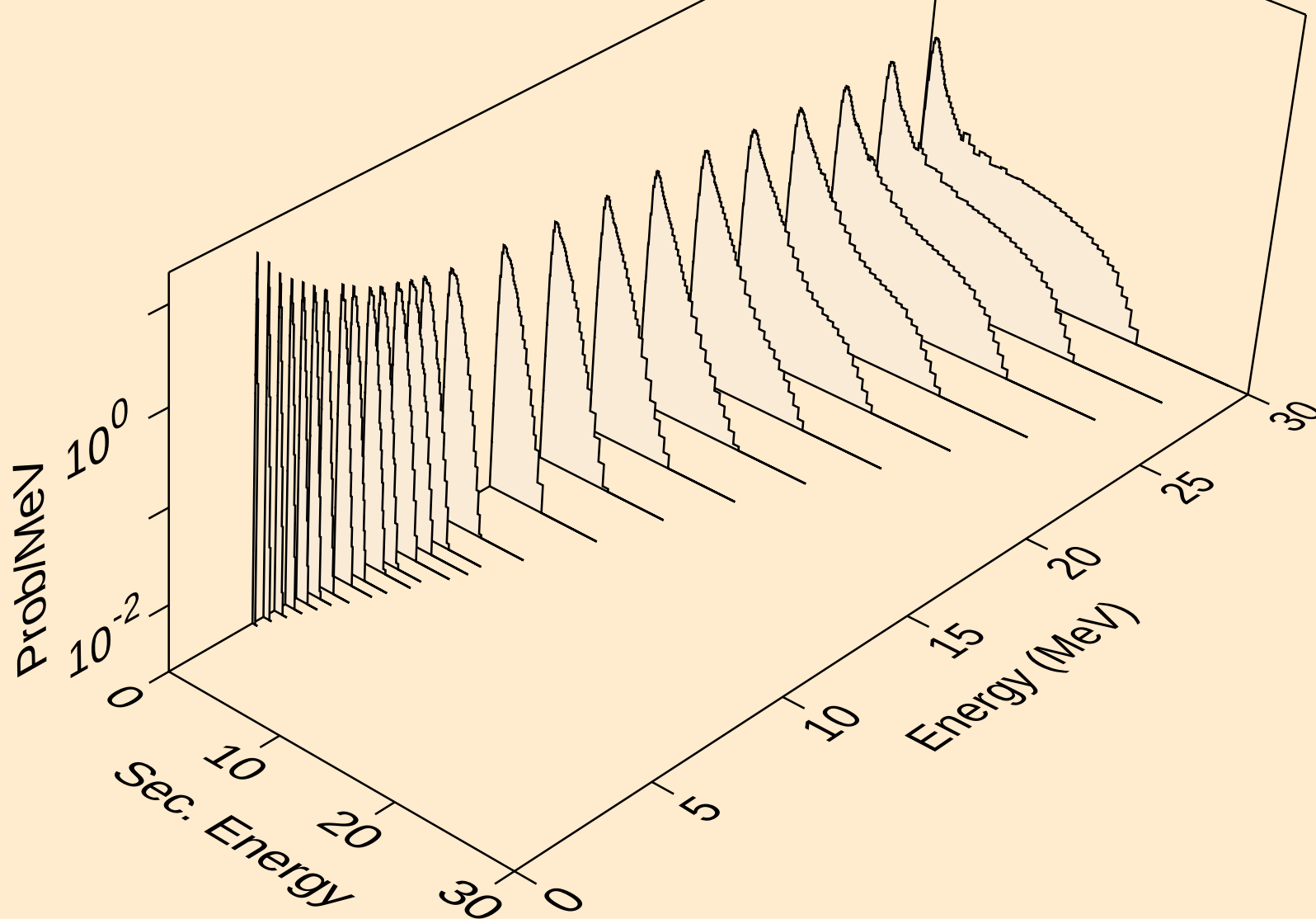
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Neutron emission for (n,2n)_a



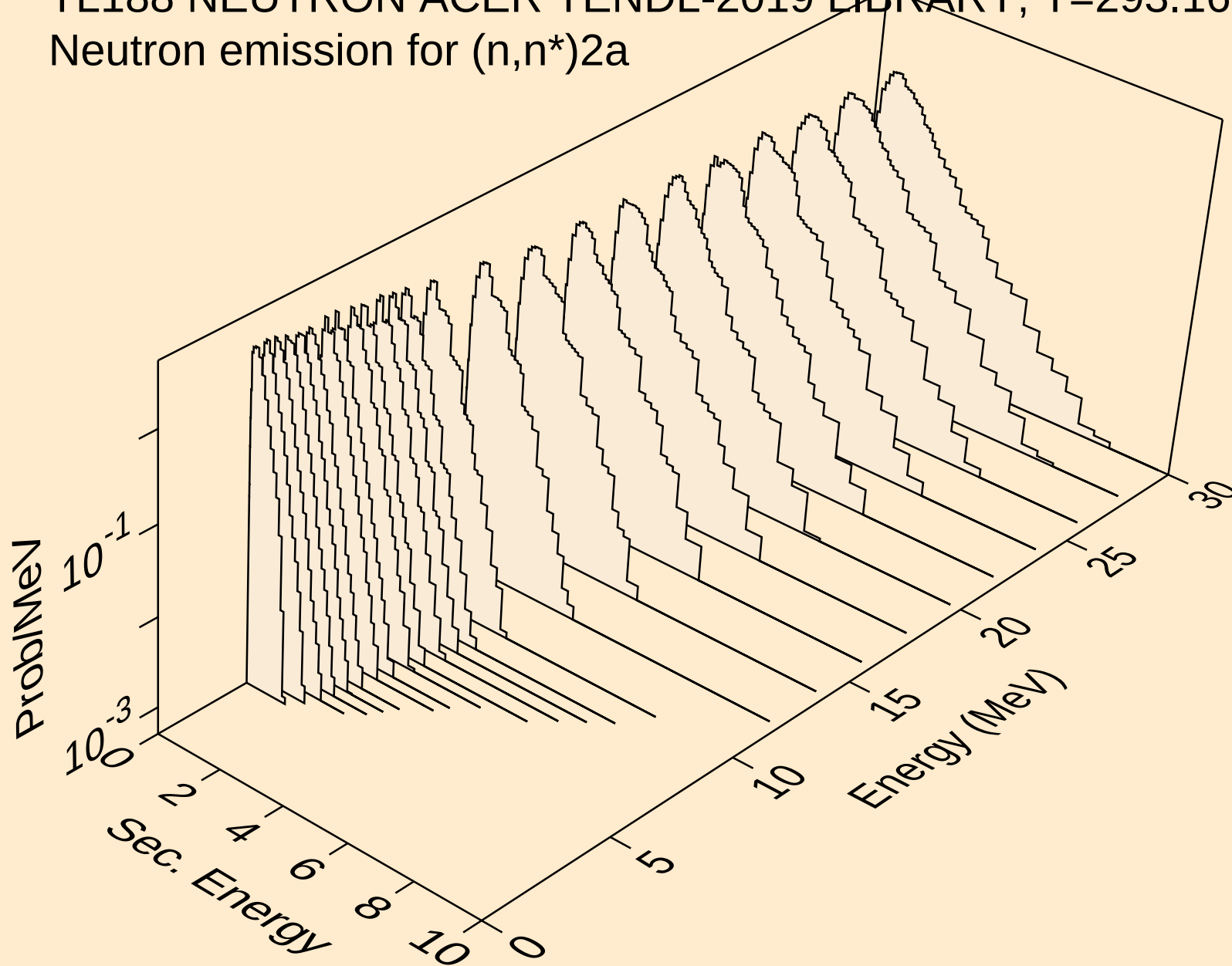
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Neutron emission for (n,3n)a



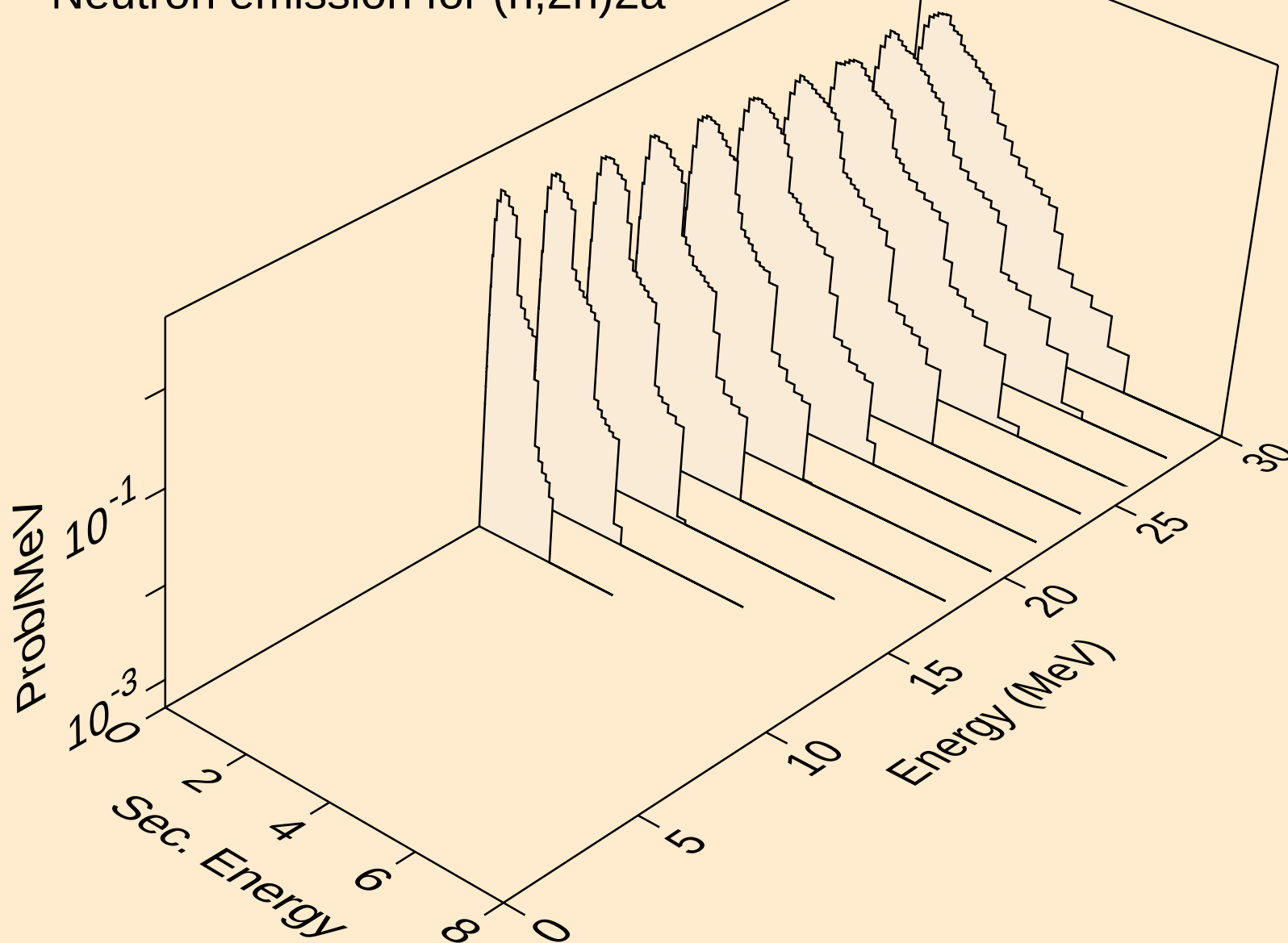
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Neutron emission for (n,n*)p



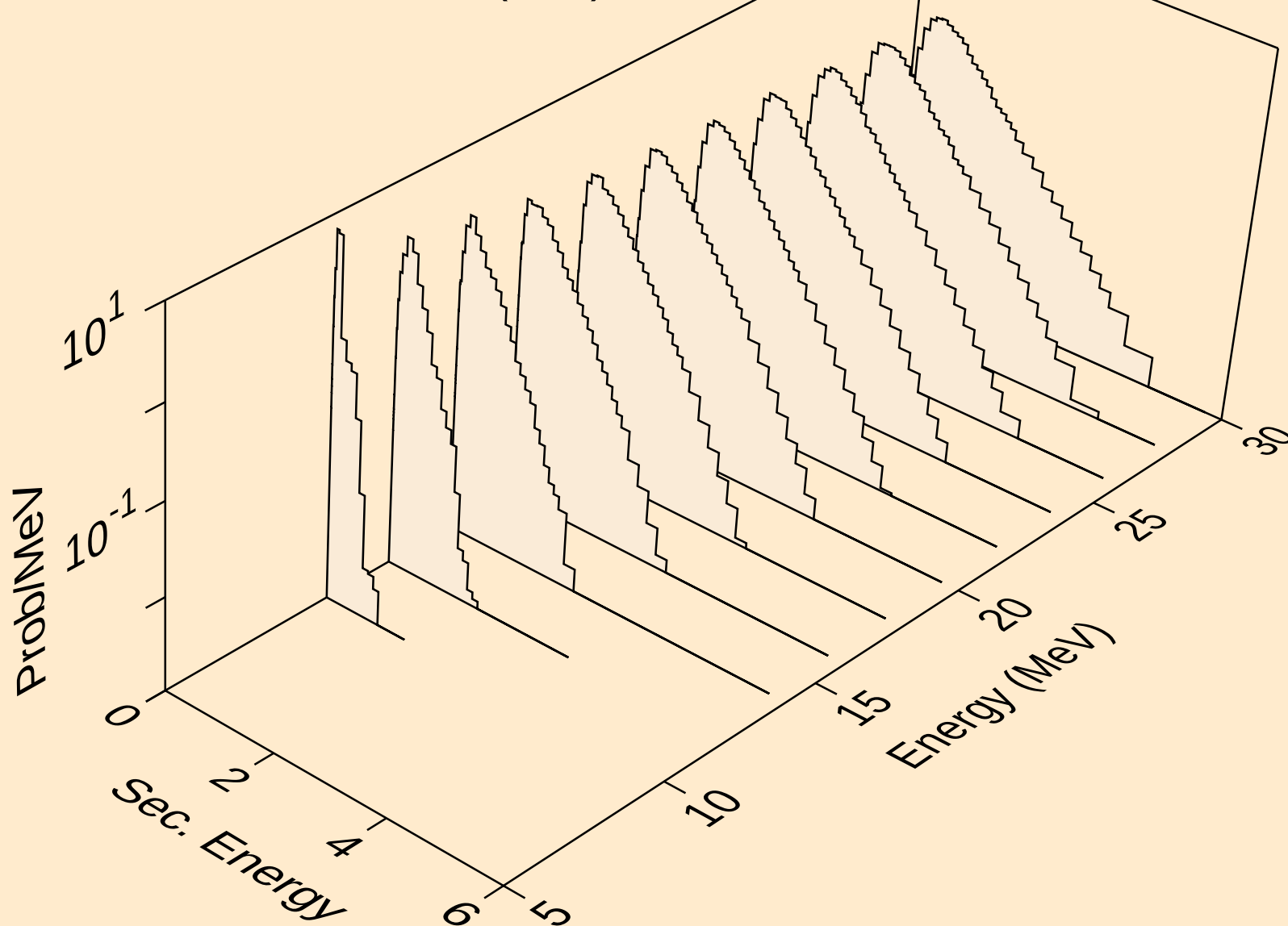
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



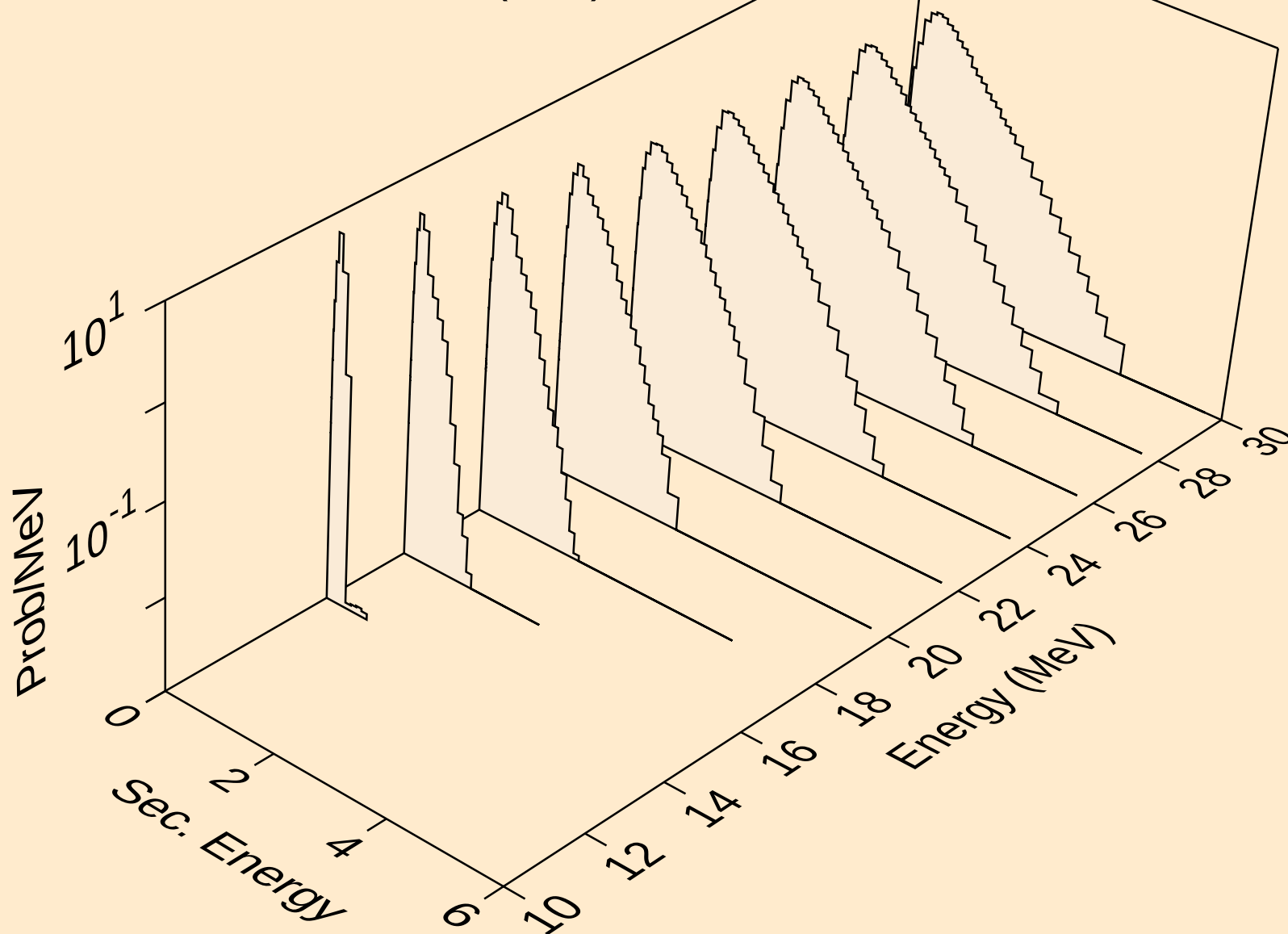
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



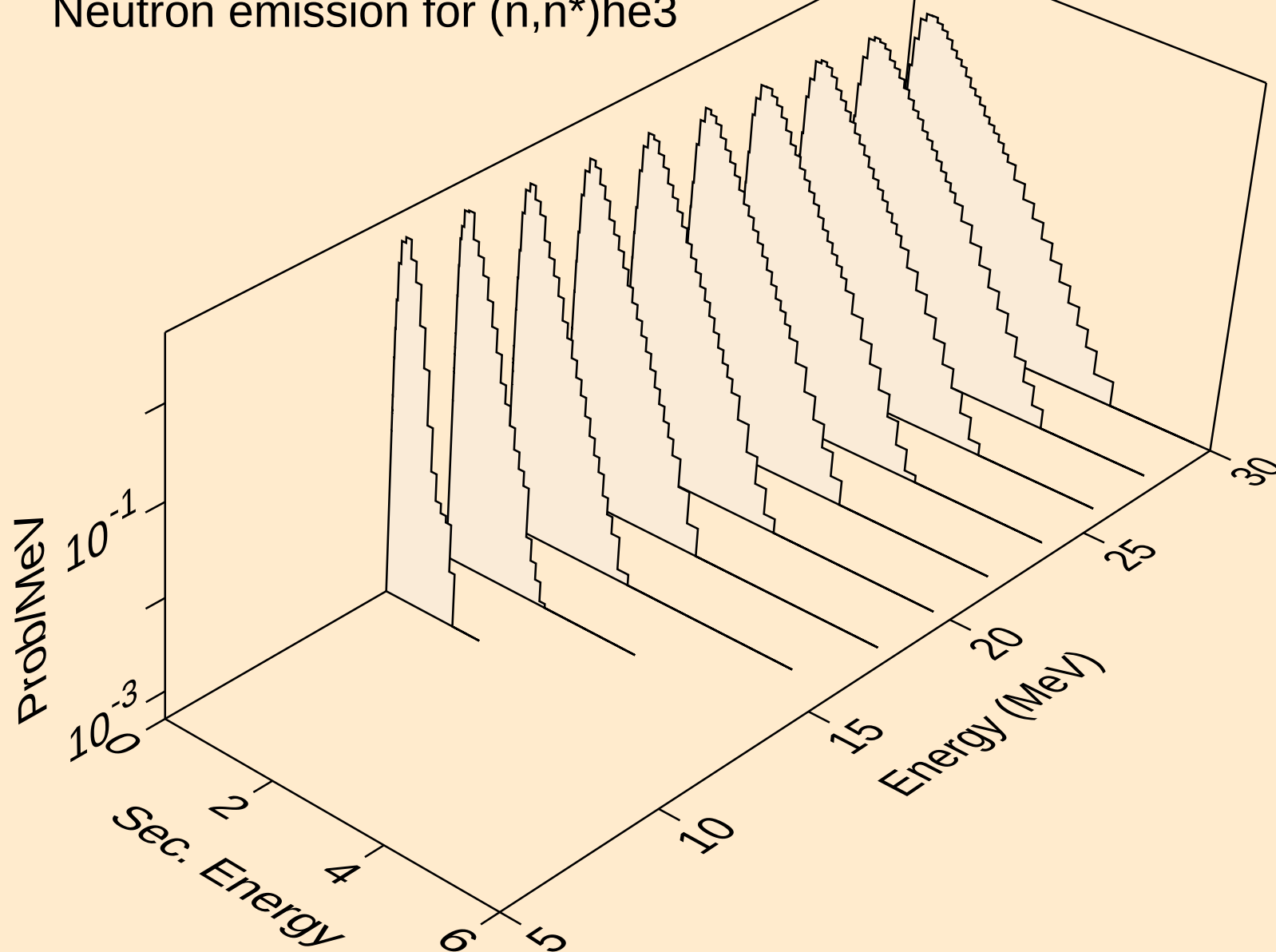
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



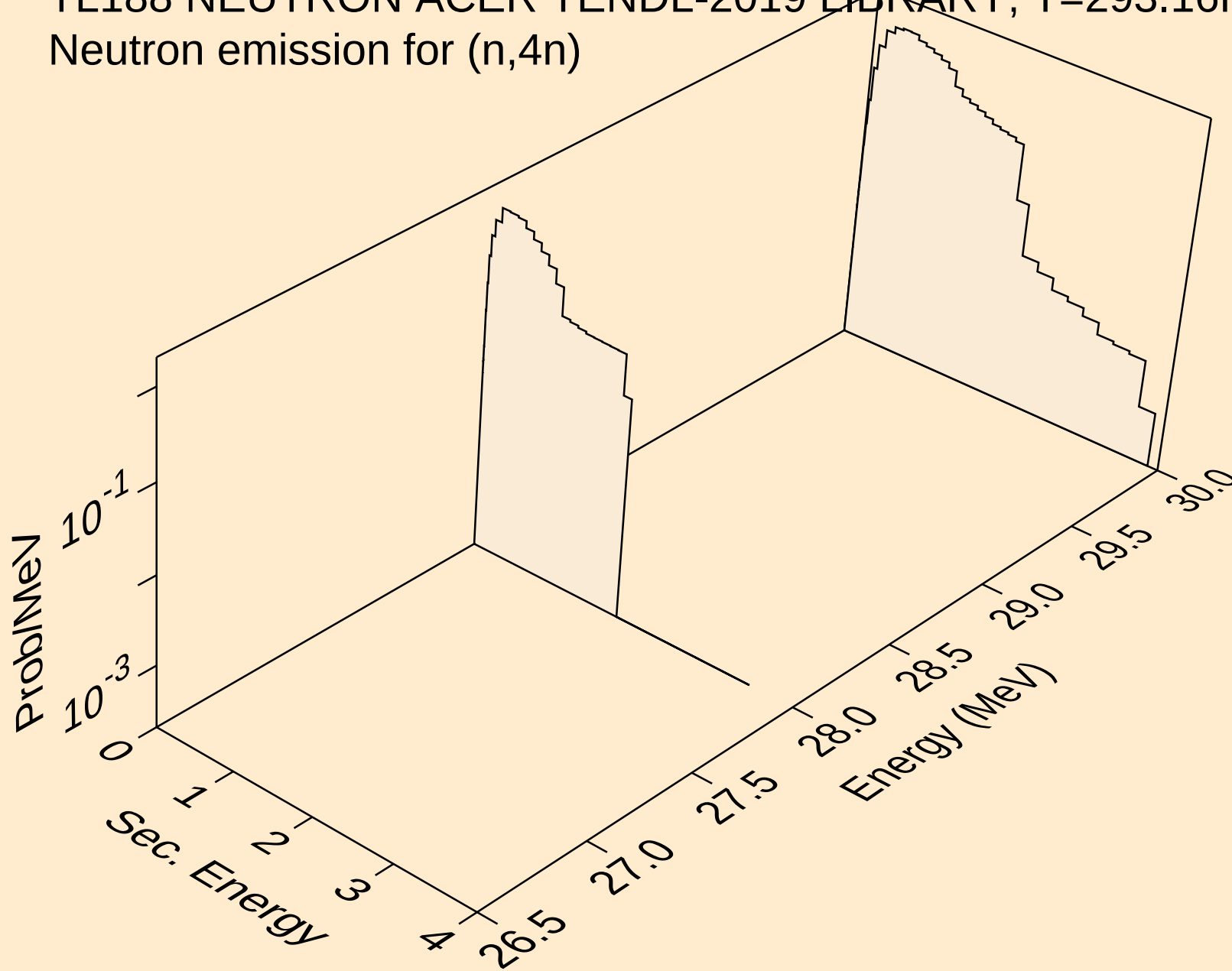
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



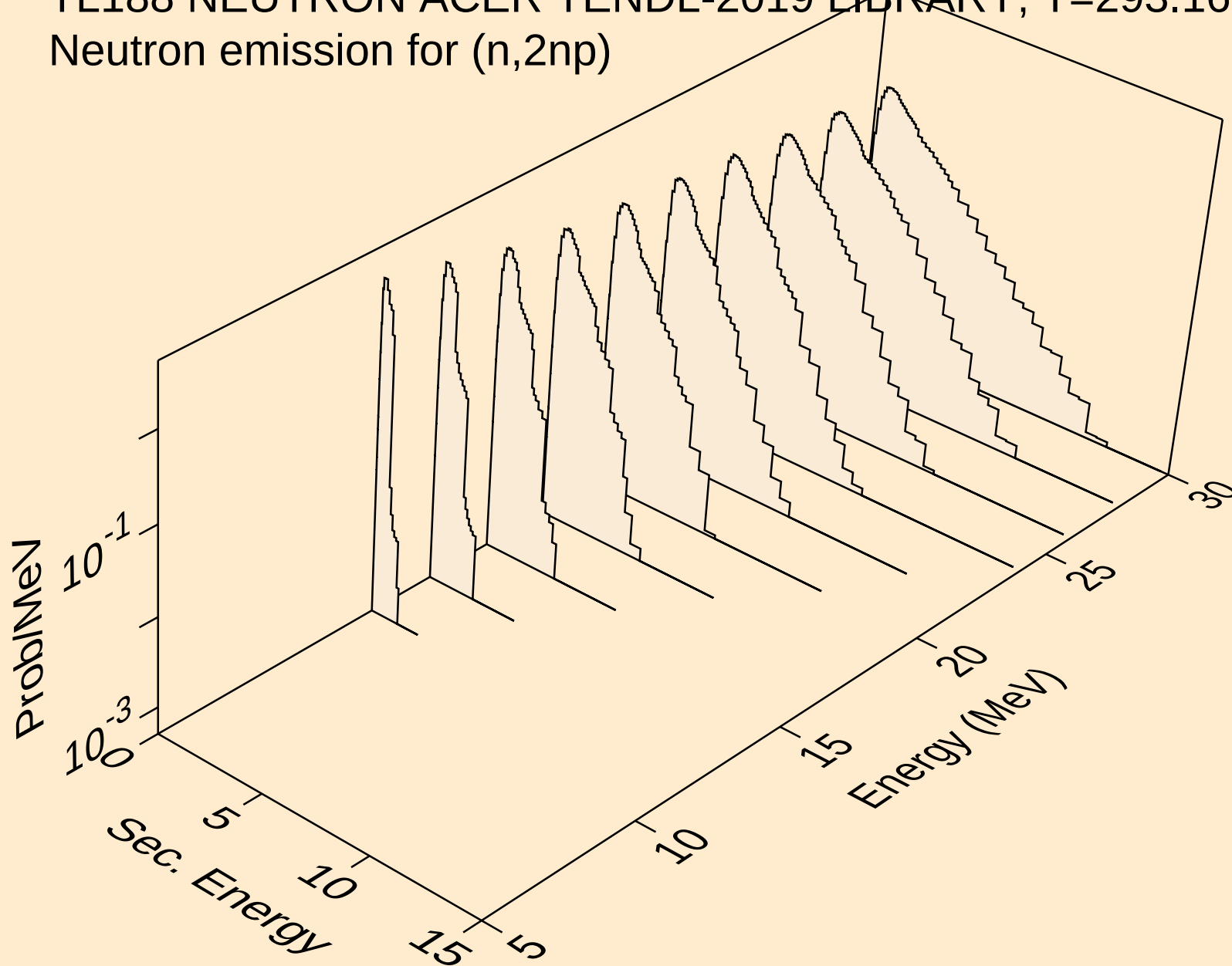
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



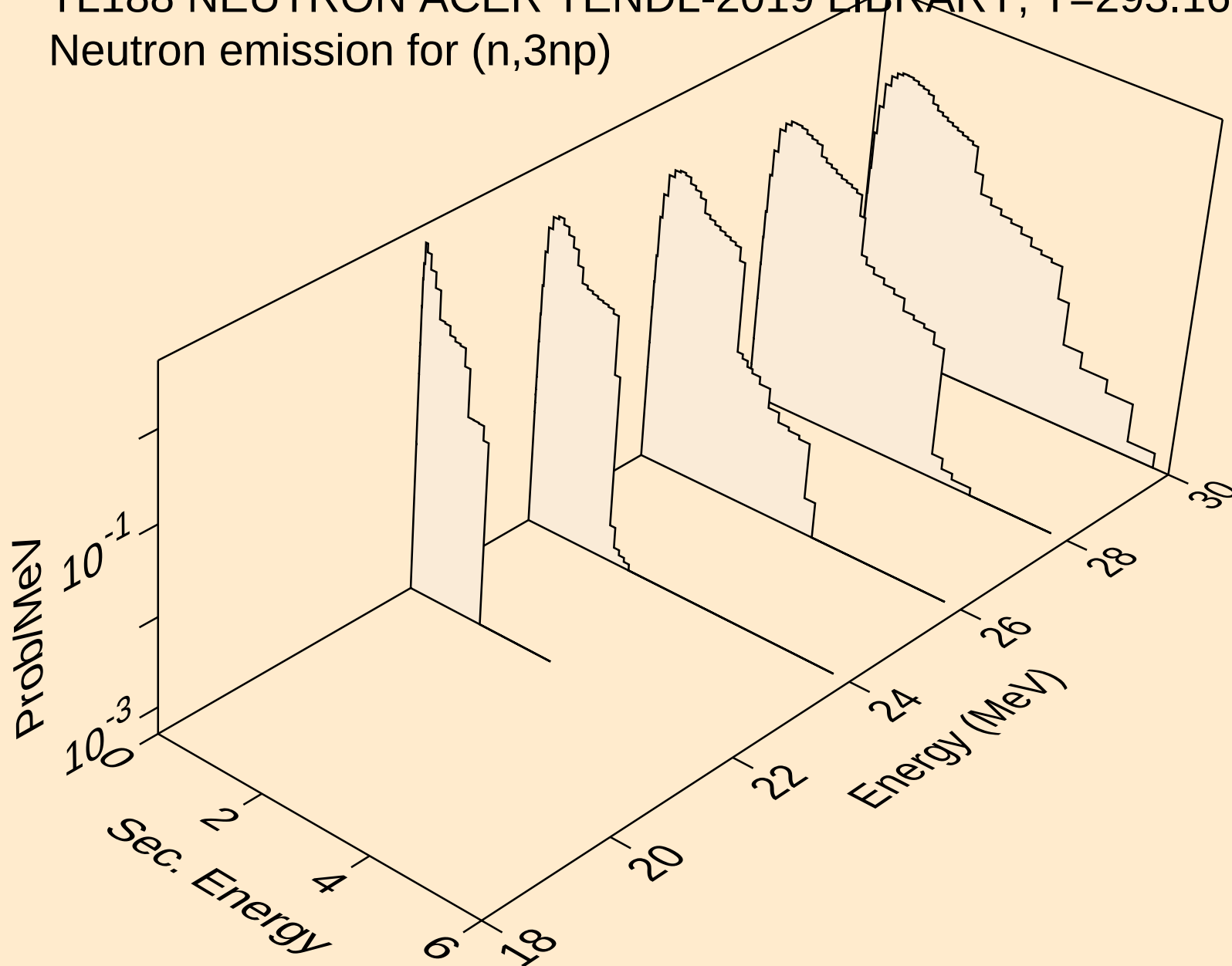
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



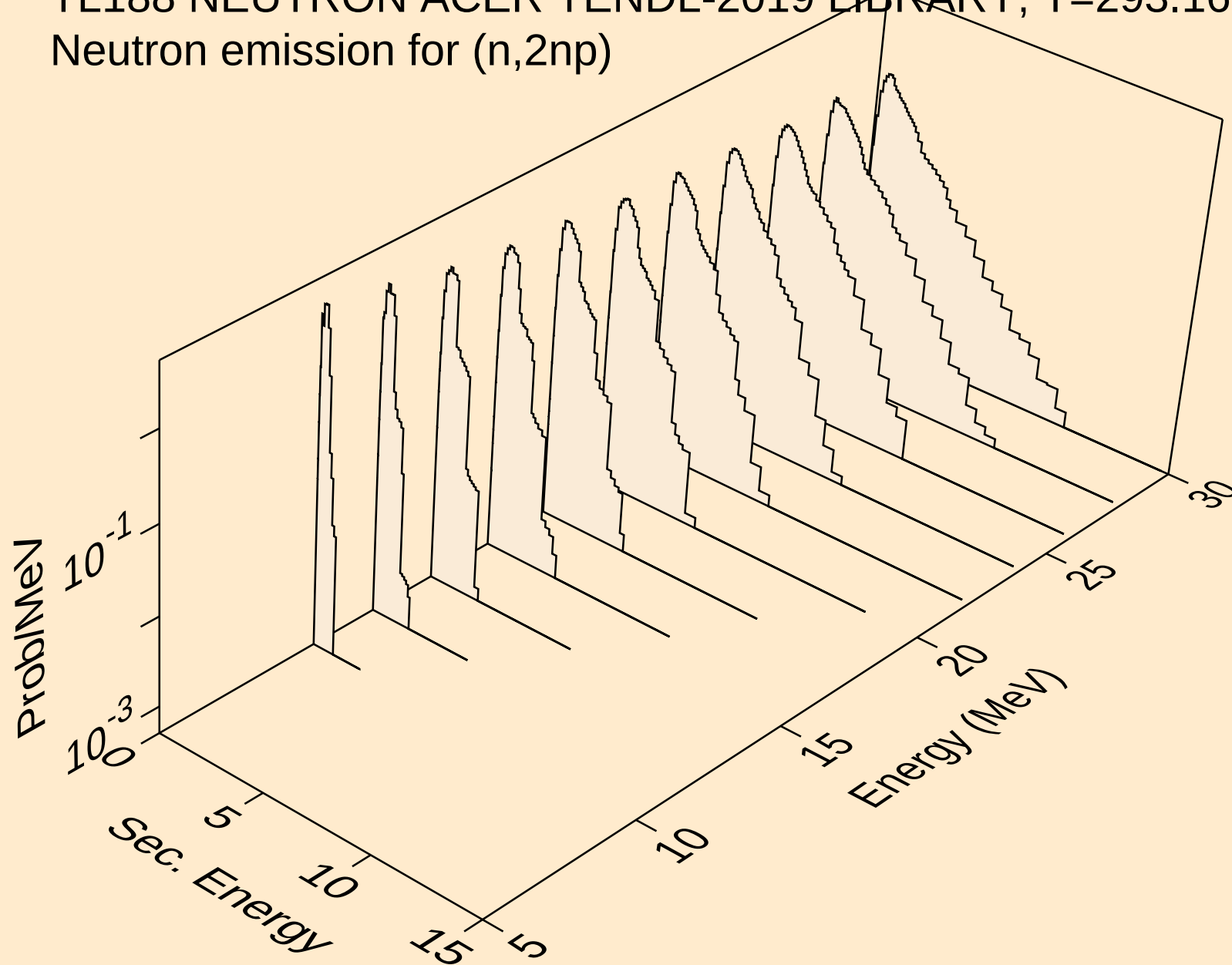
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



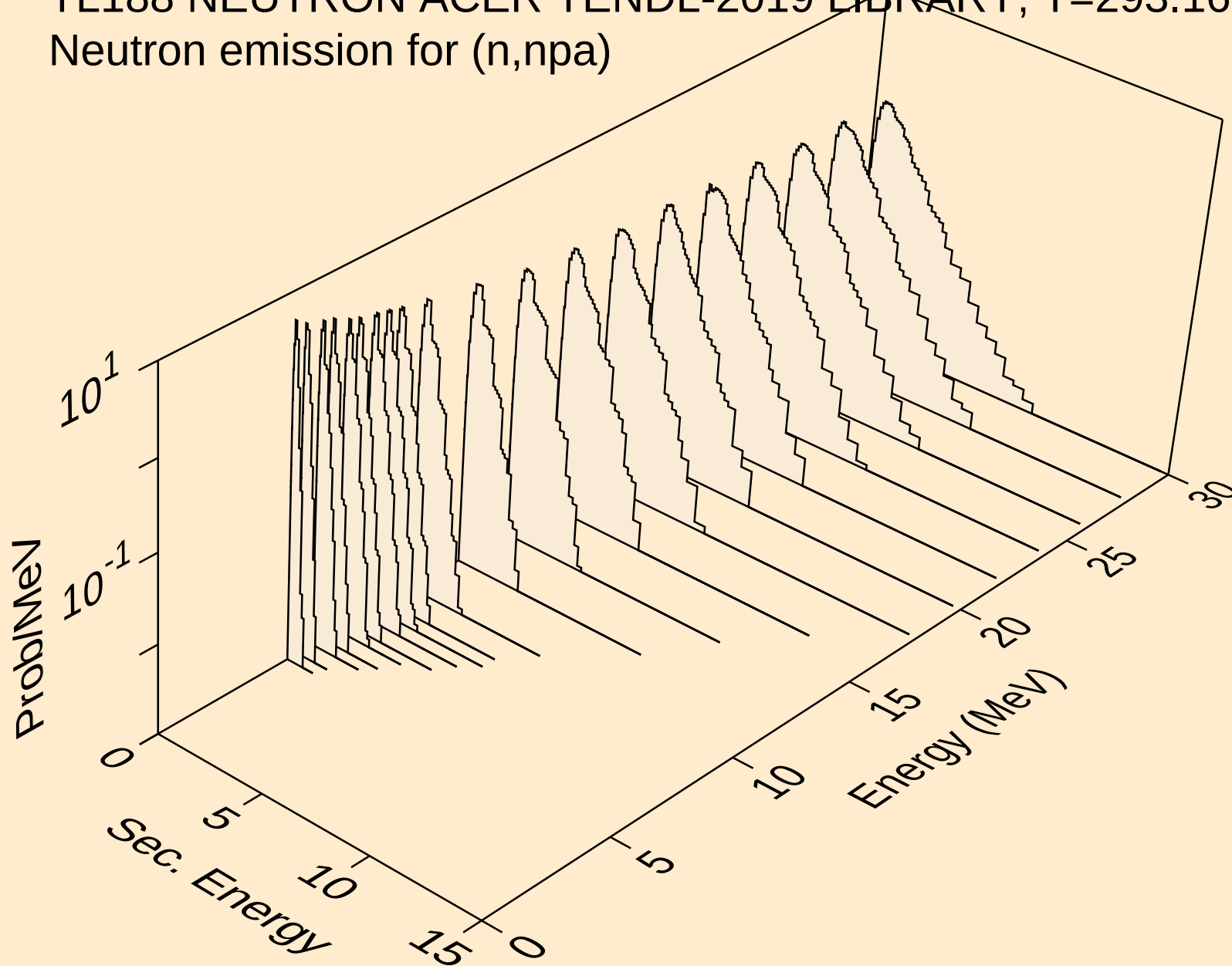
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



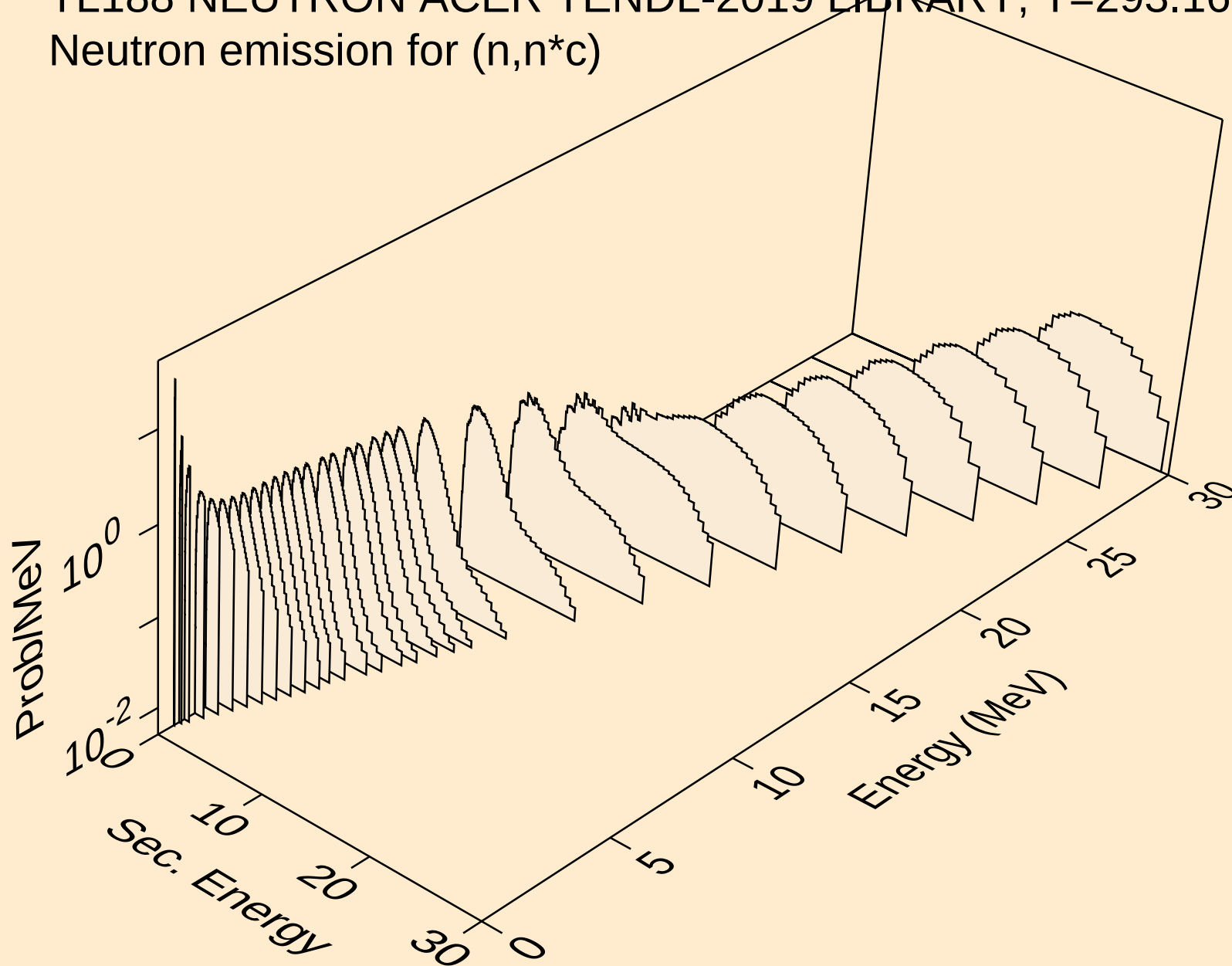
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



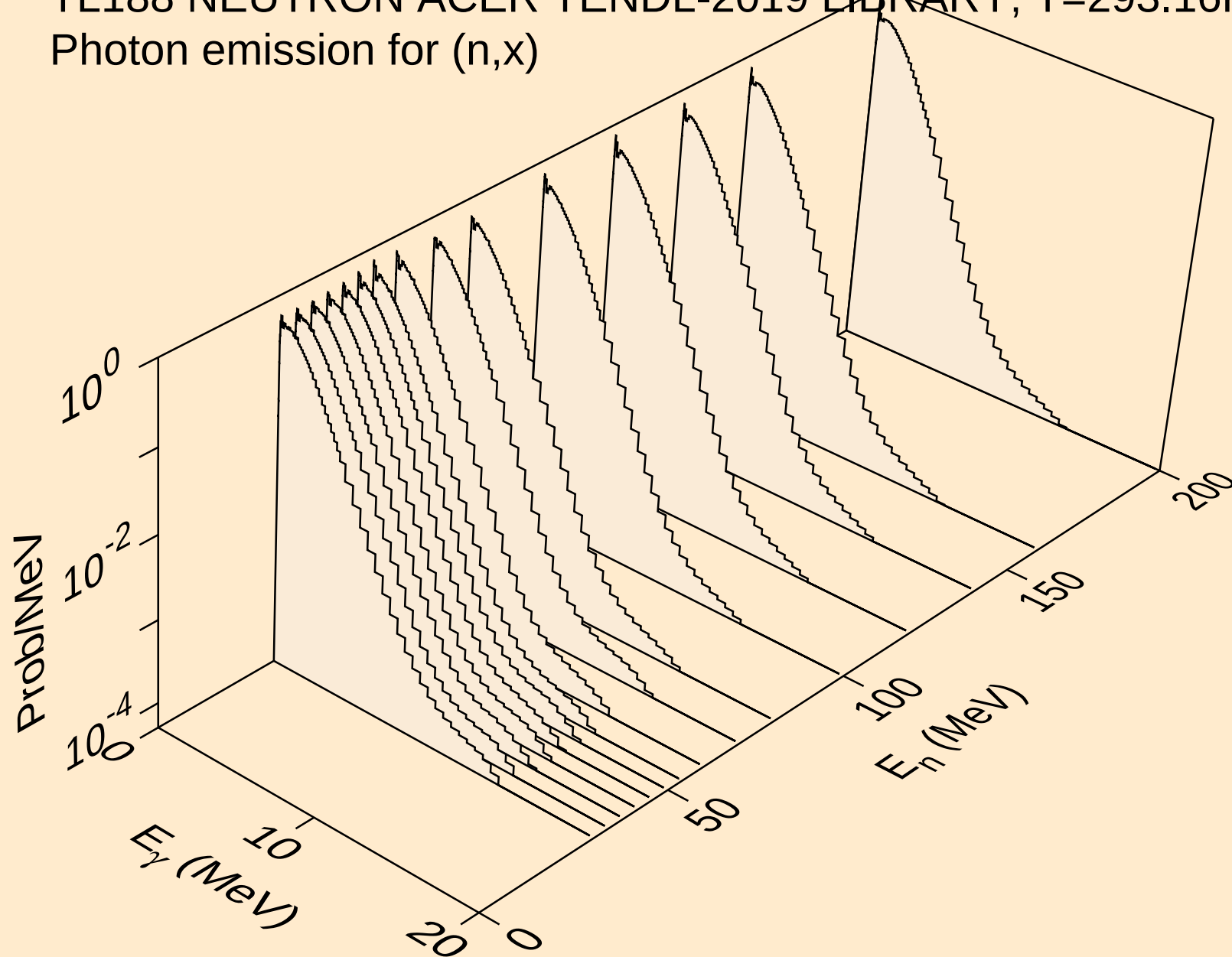
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



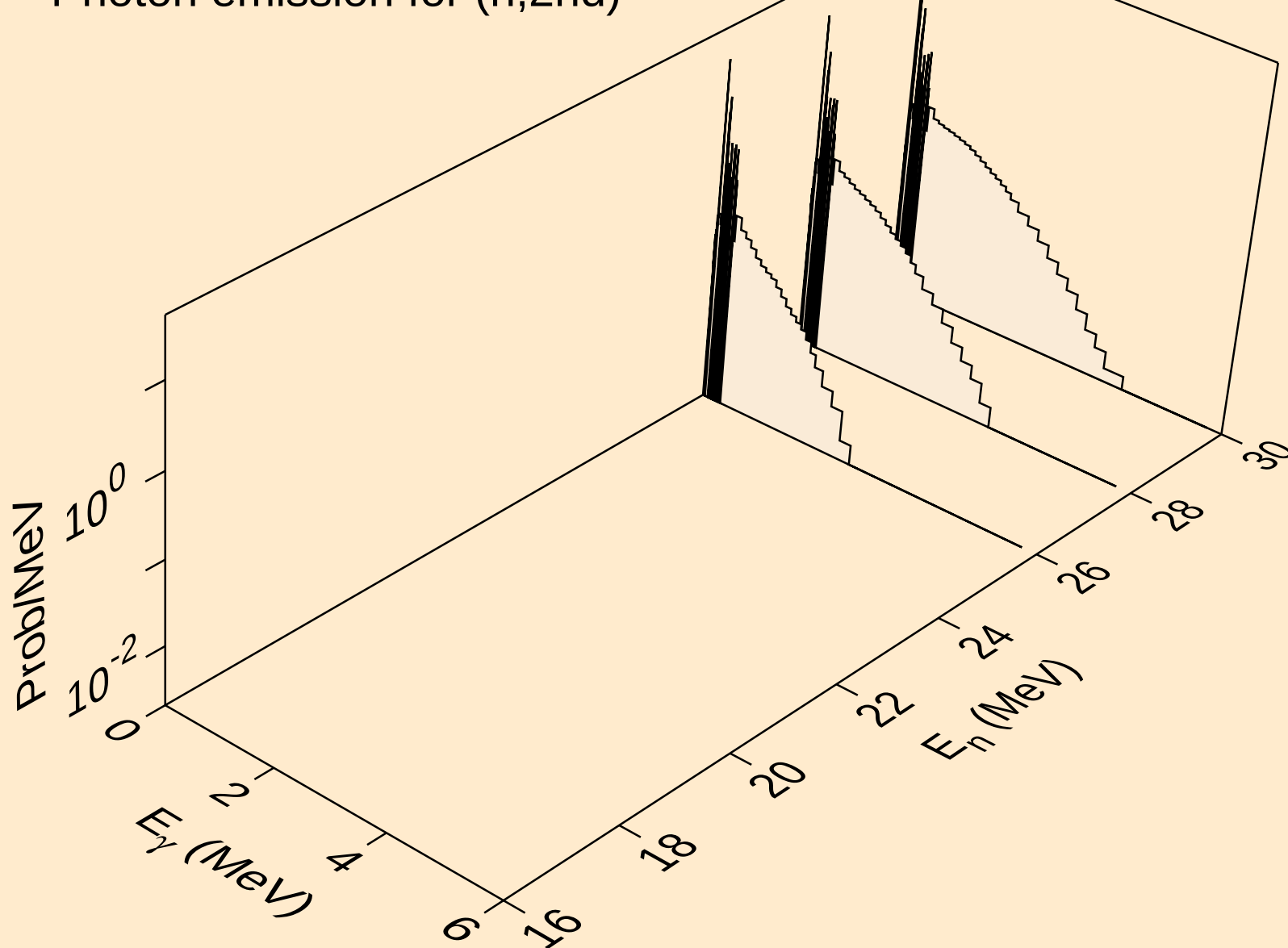
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



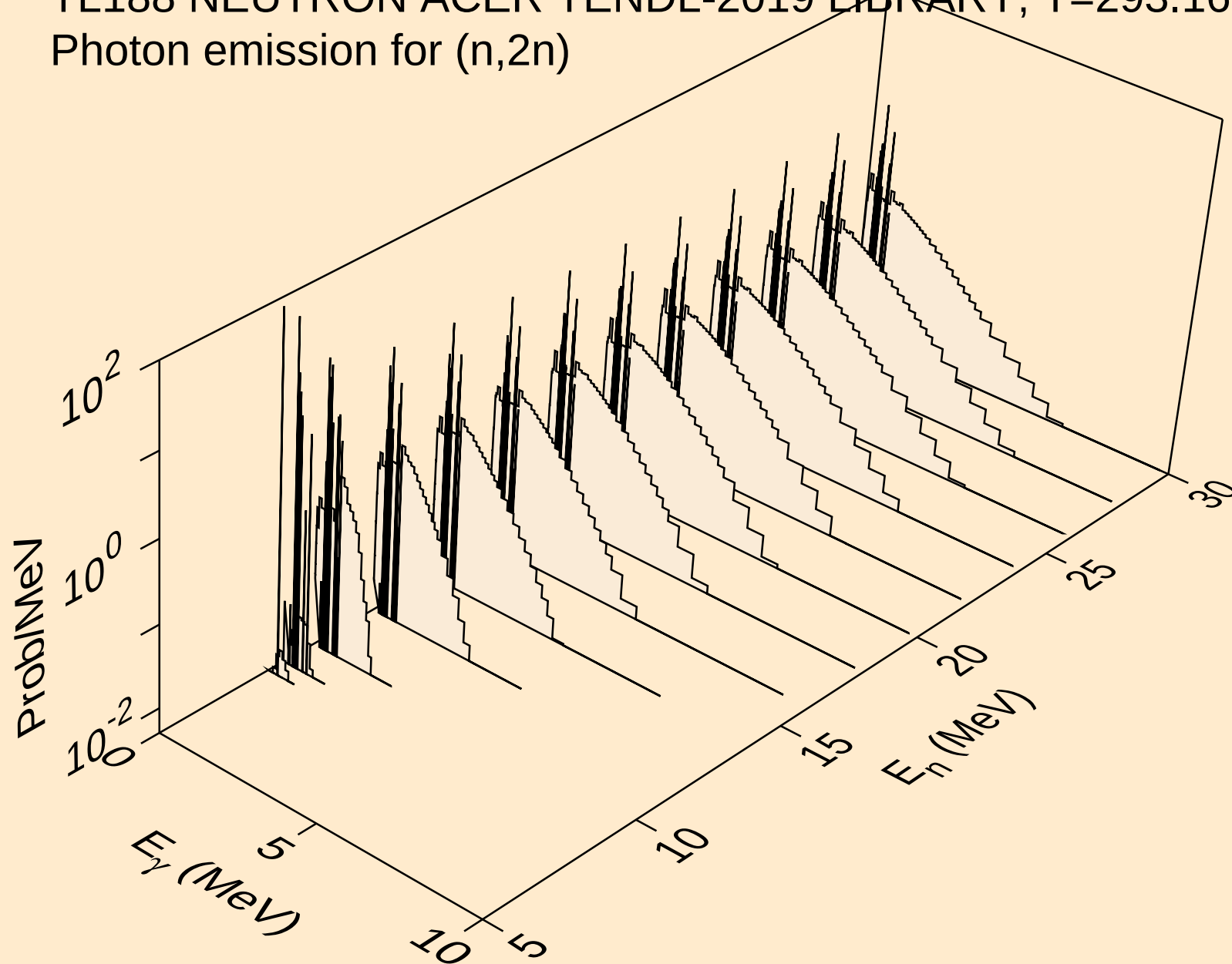
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



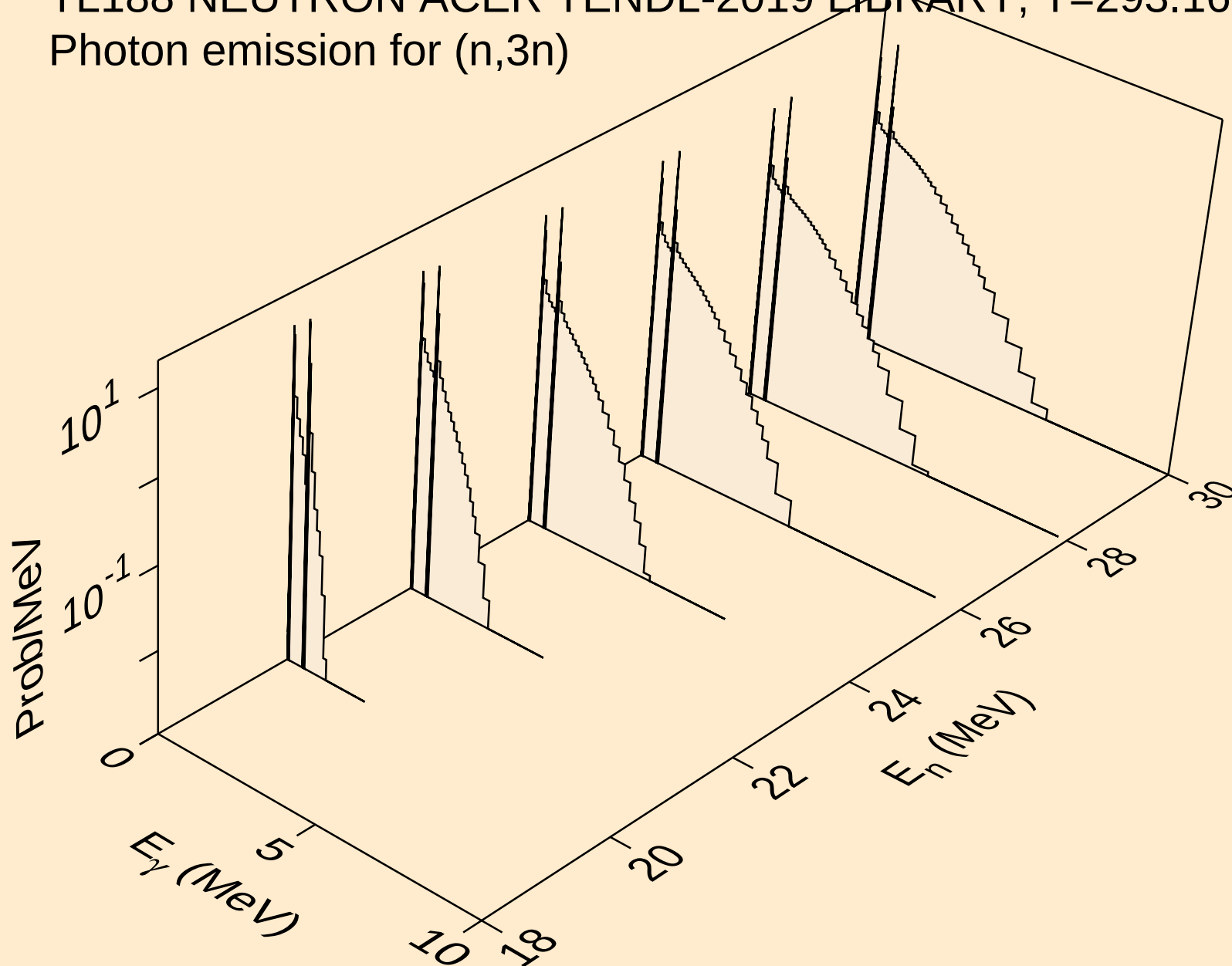
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



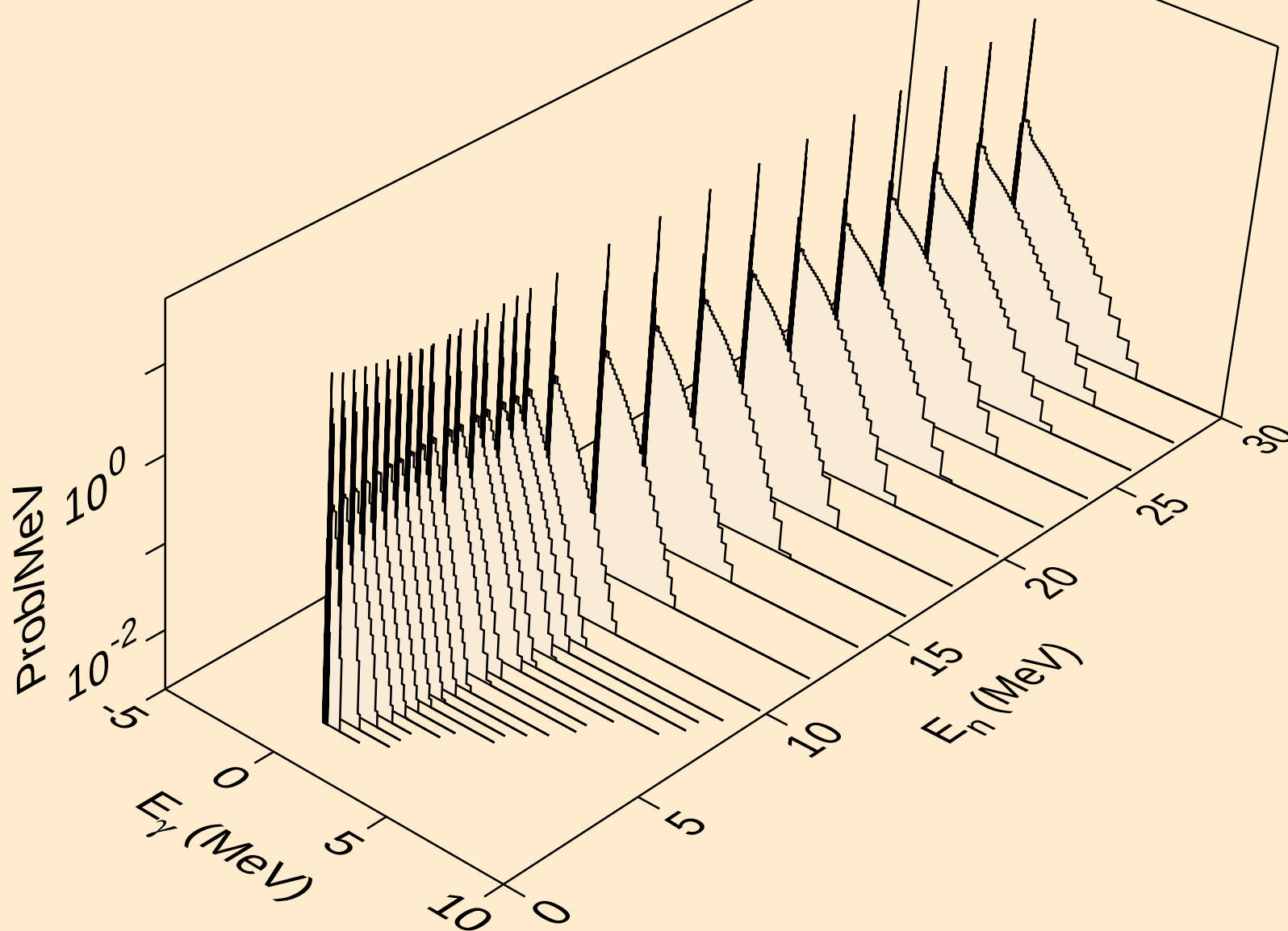
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



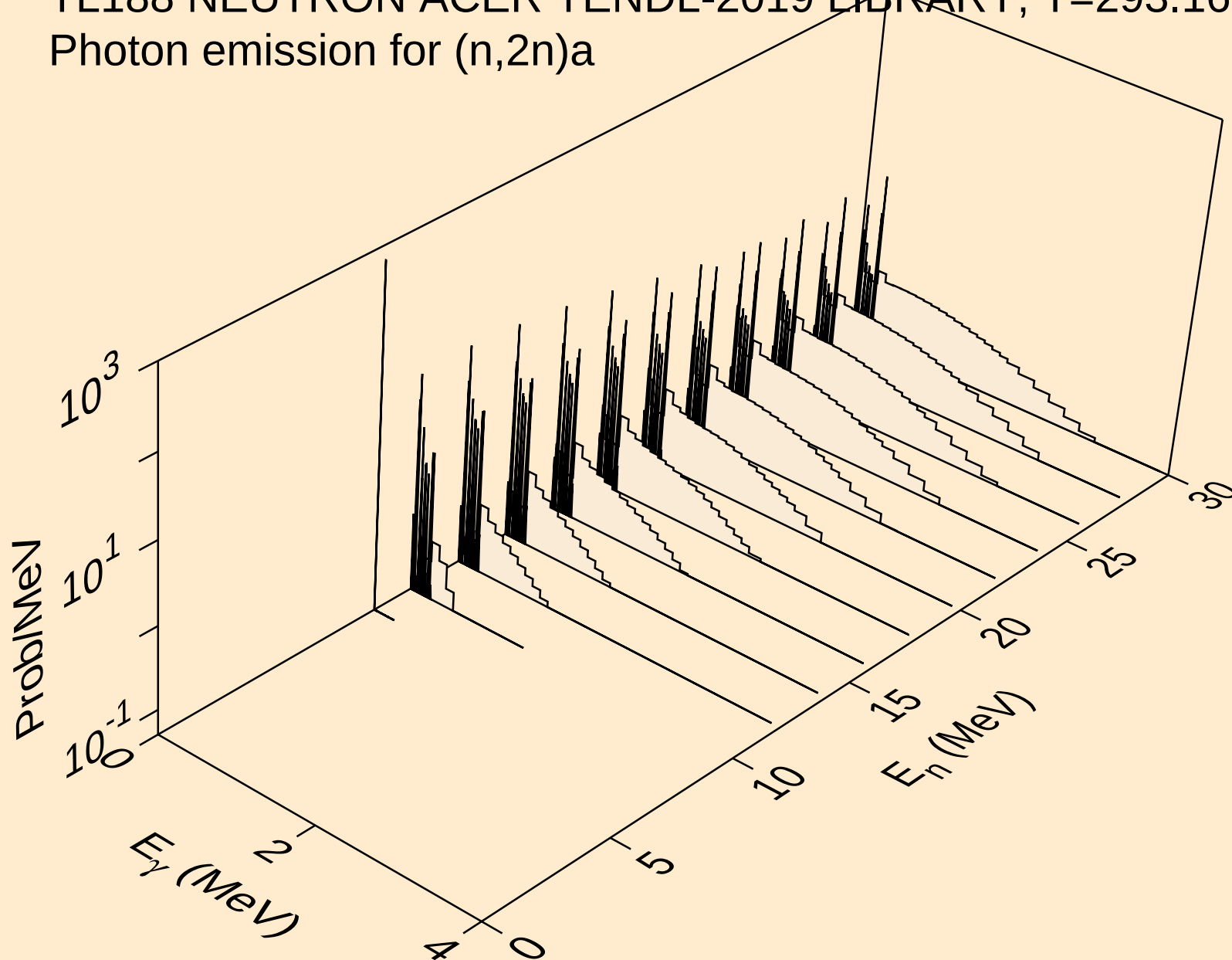
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



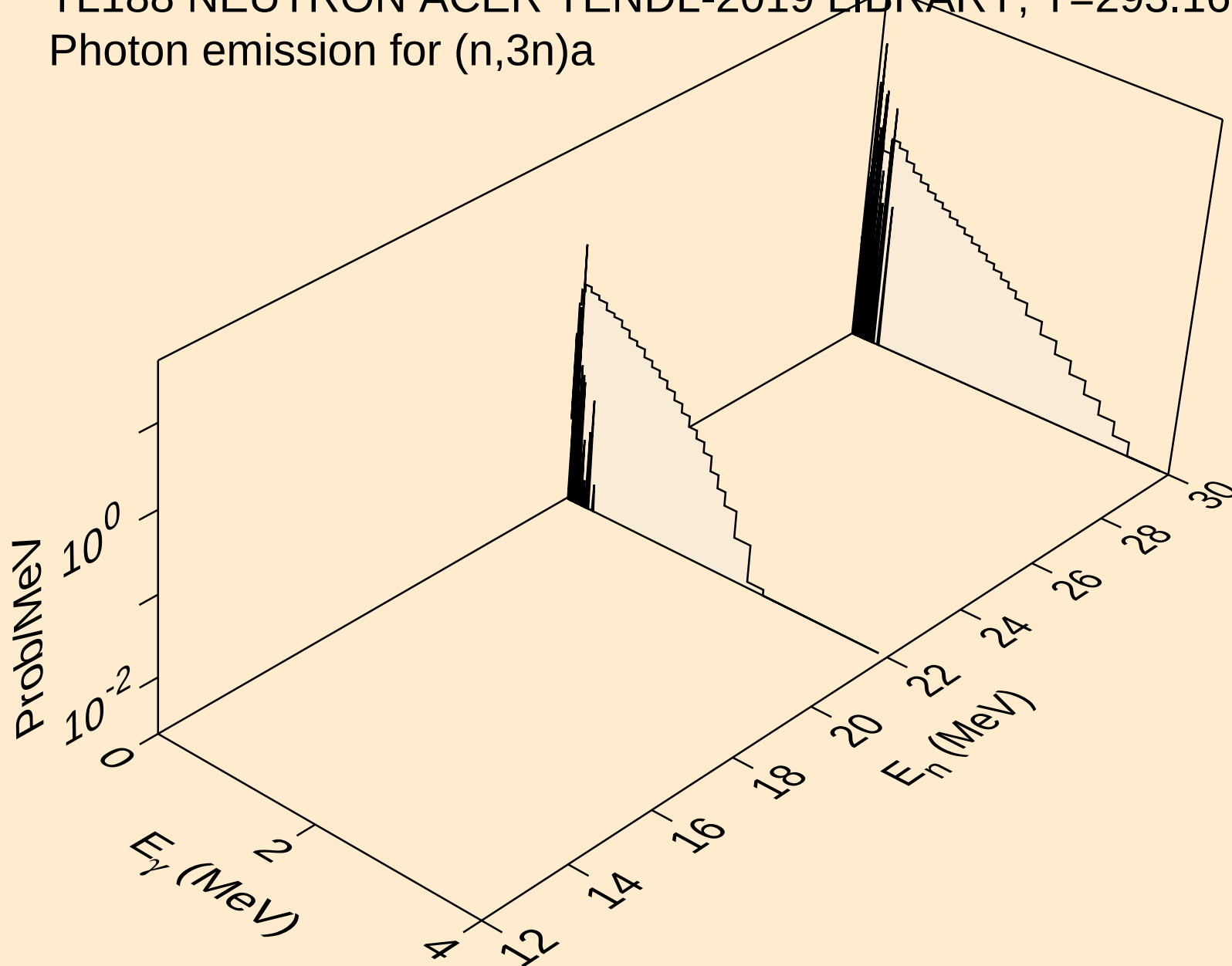
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



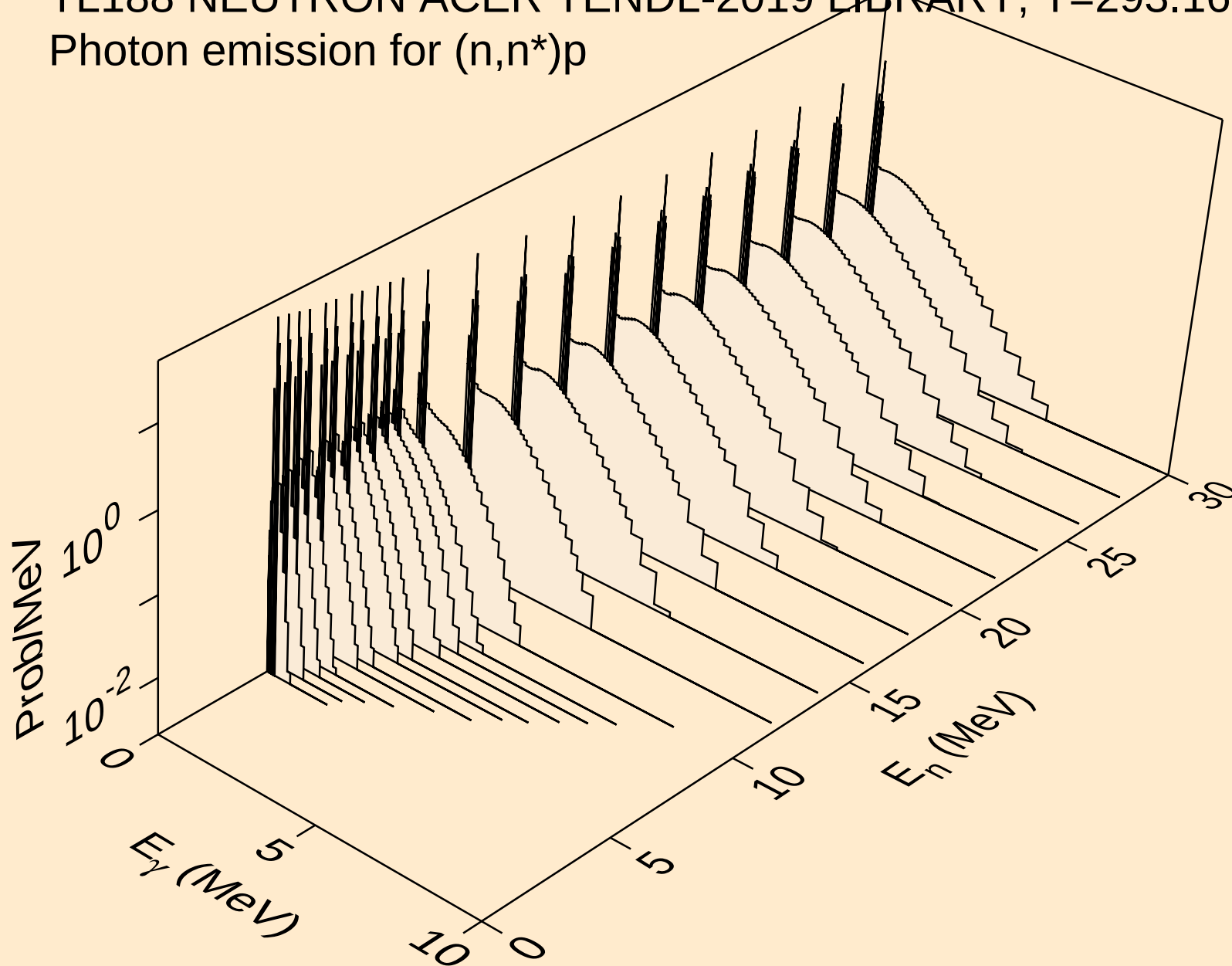
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n) α



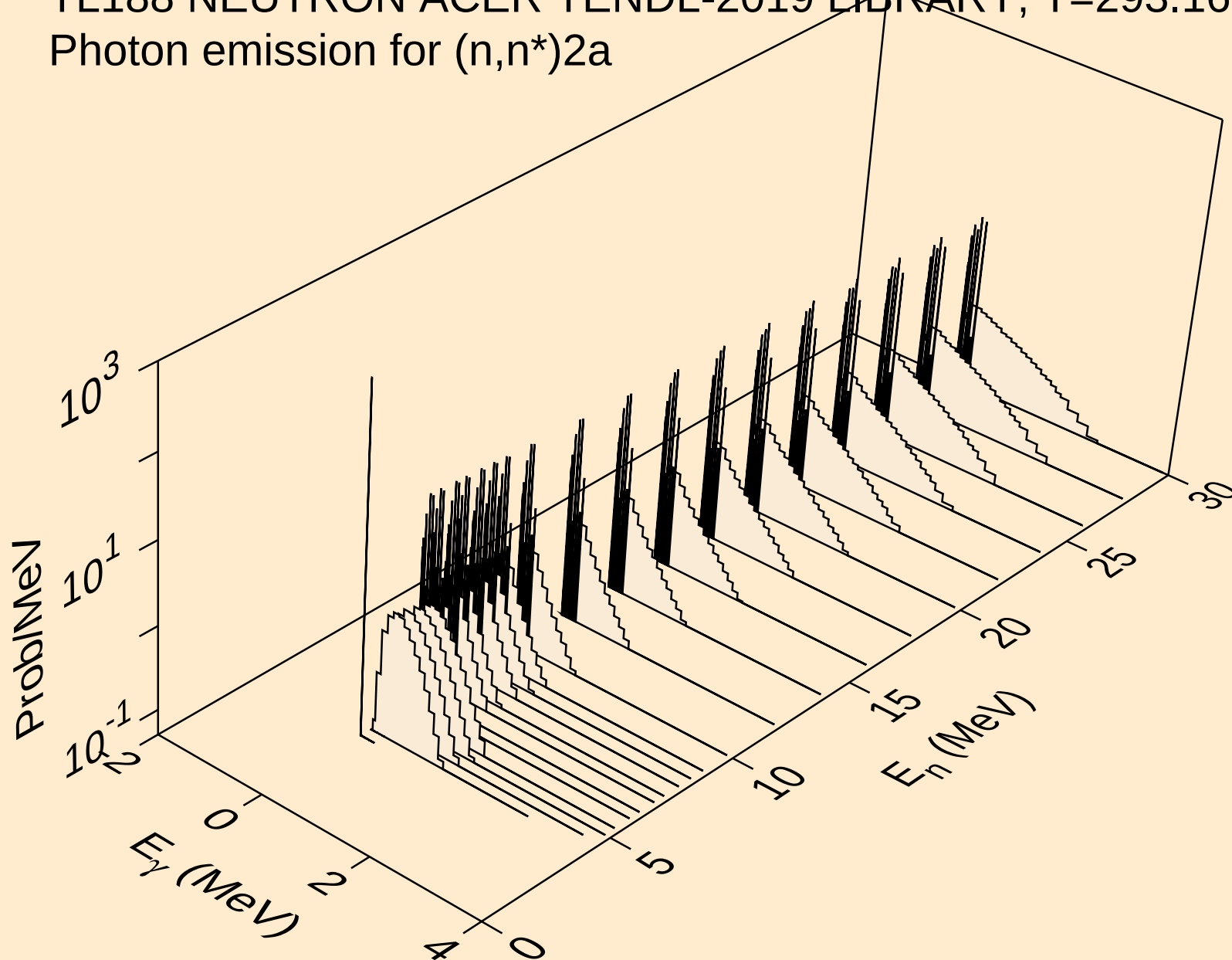
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



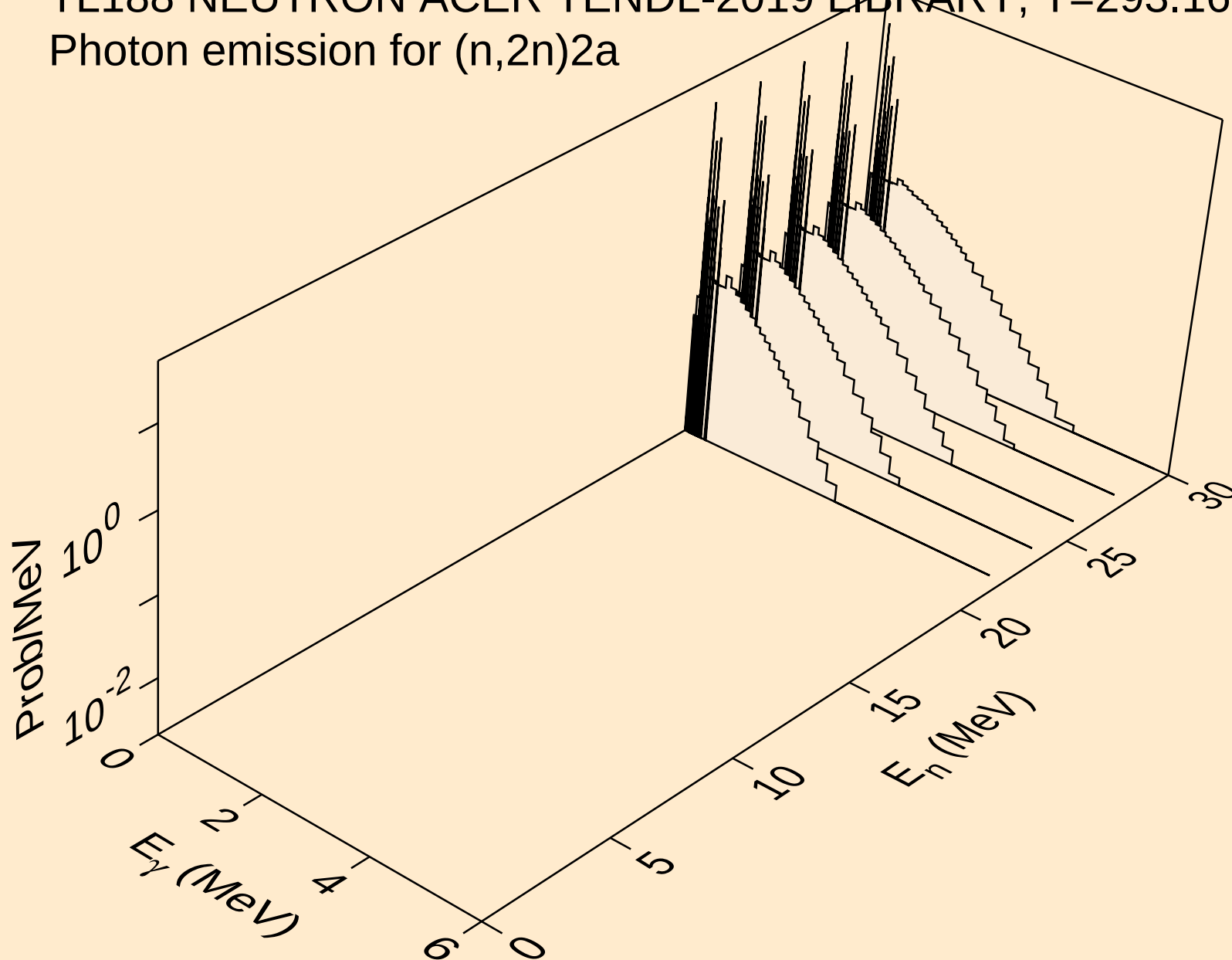
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



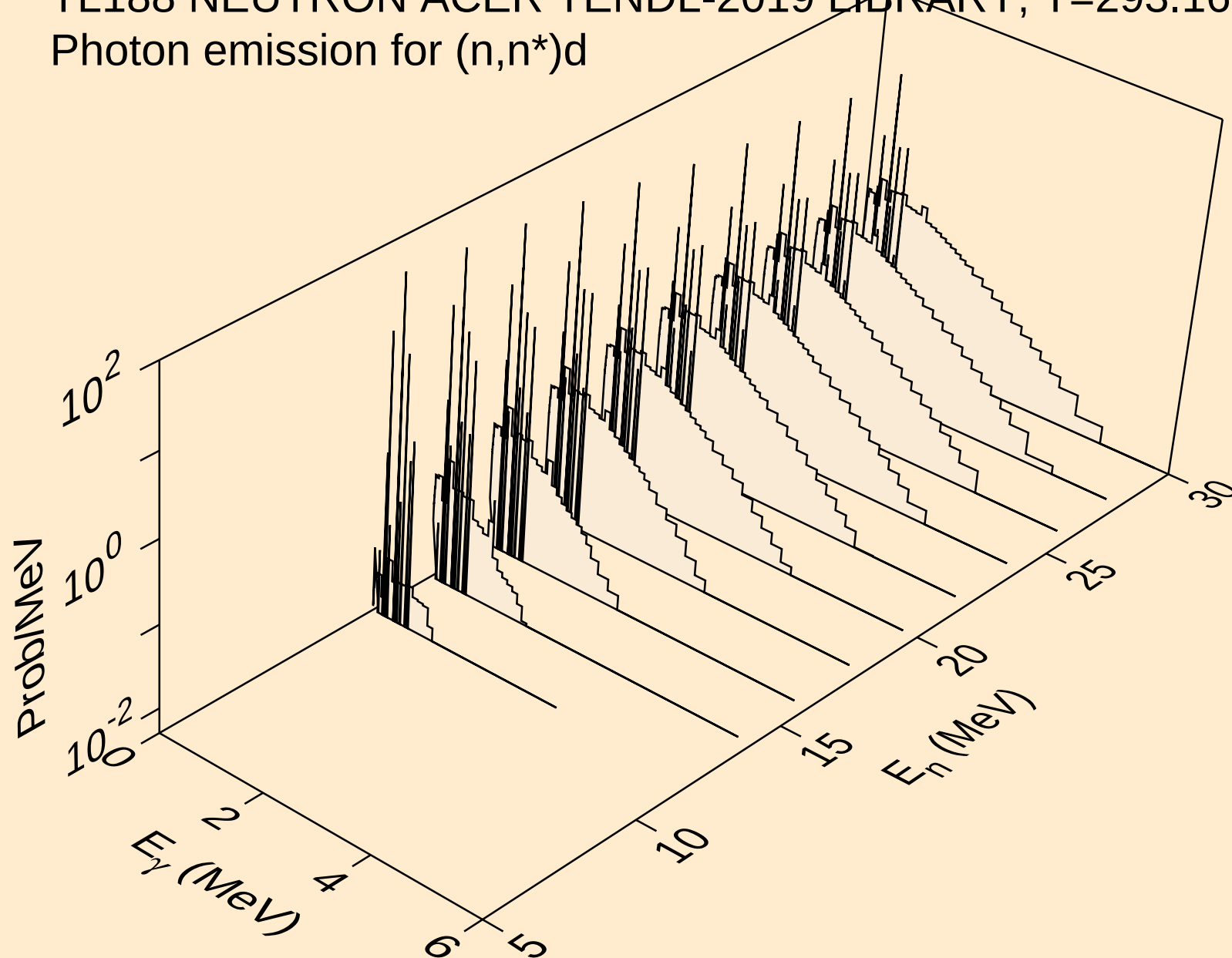
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



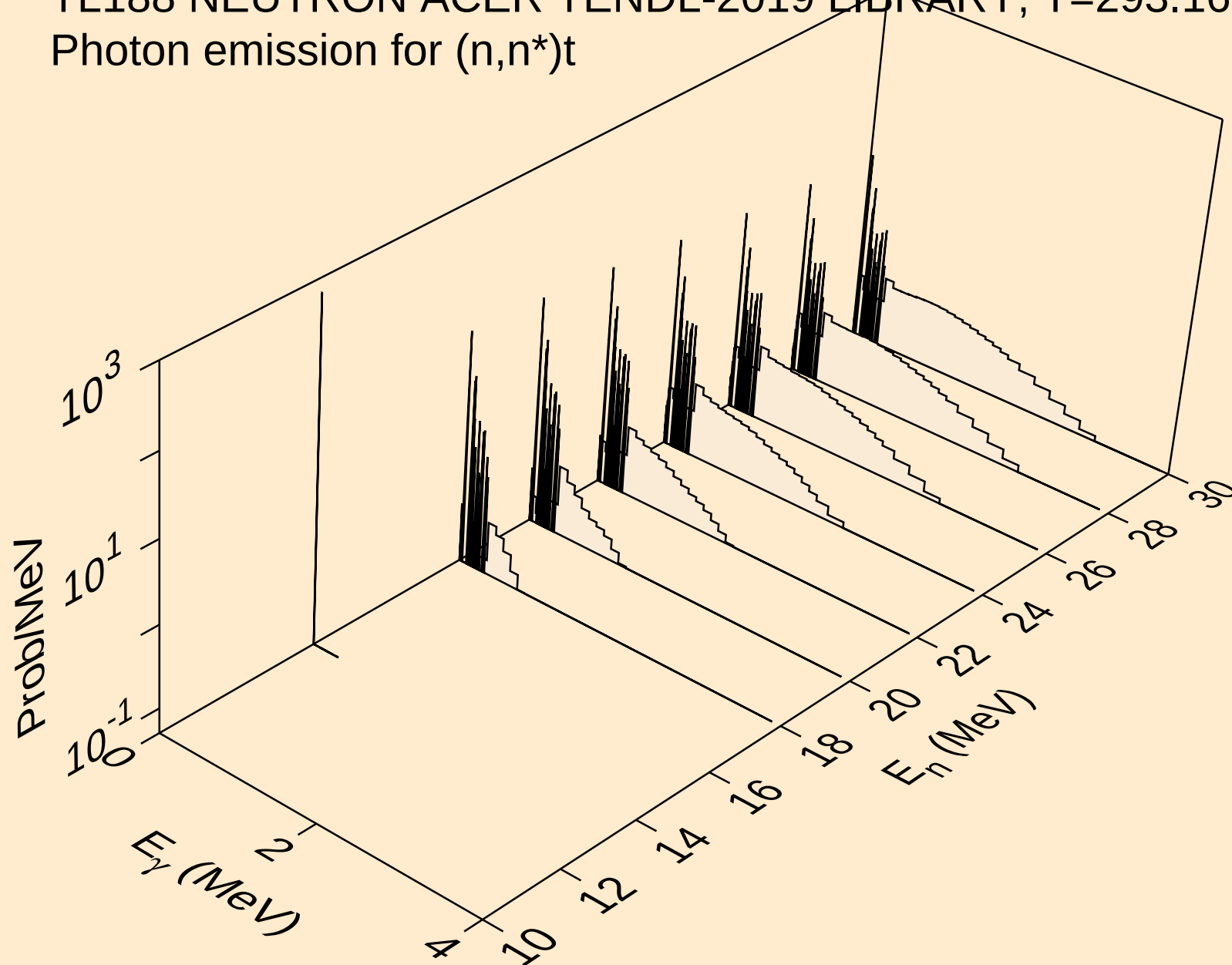
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



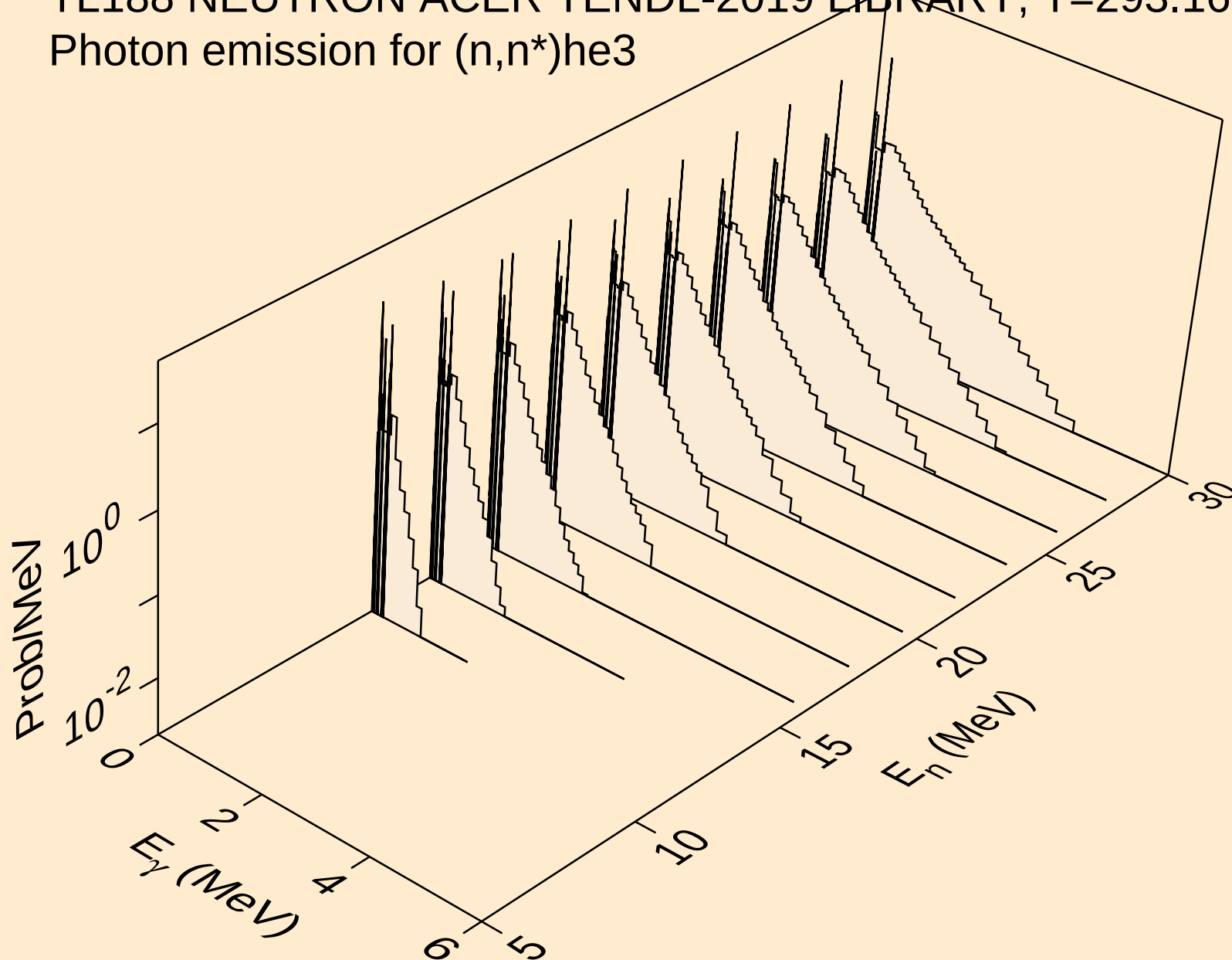
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



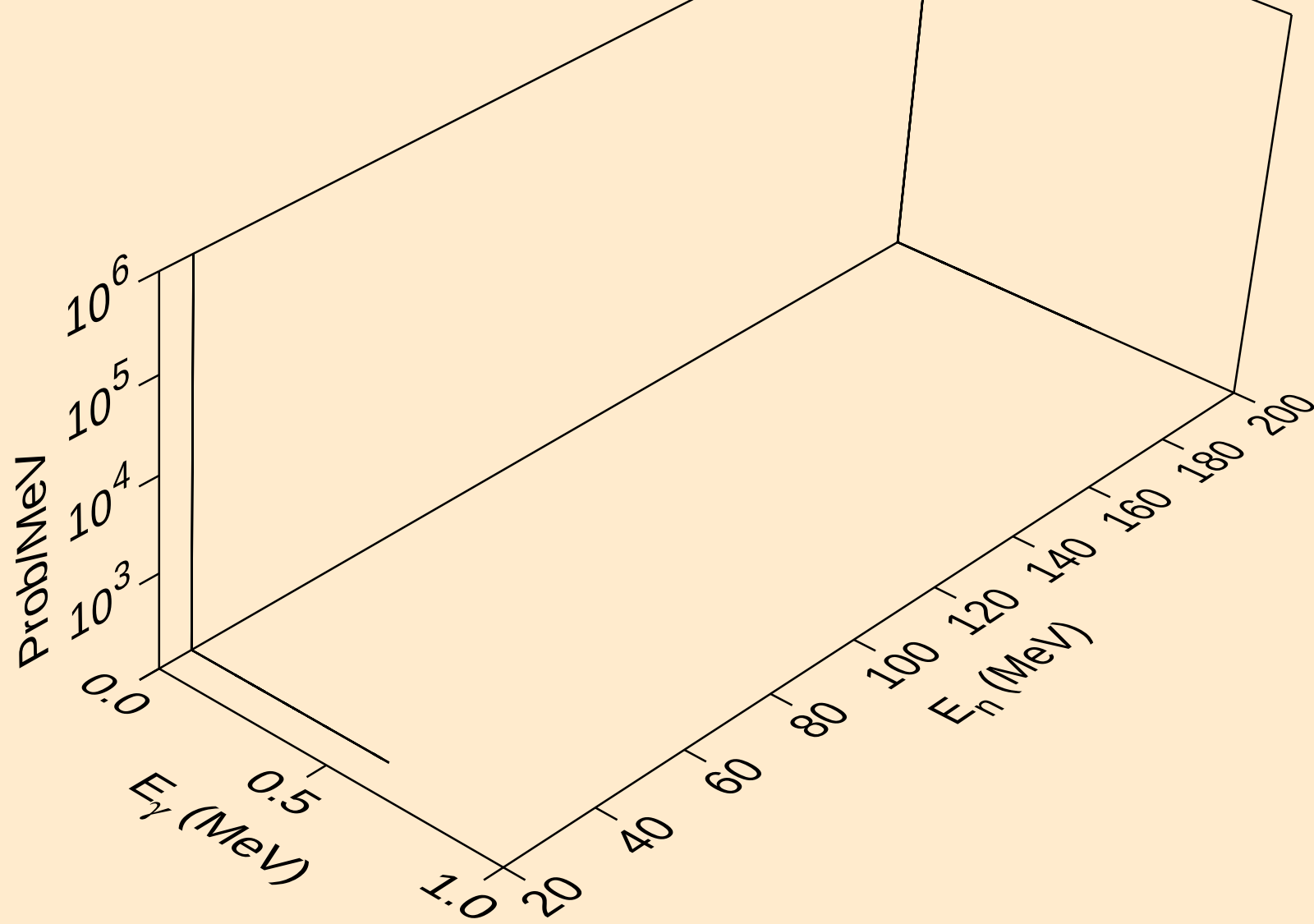
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



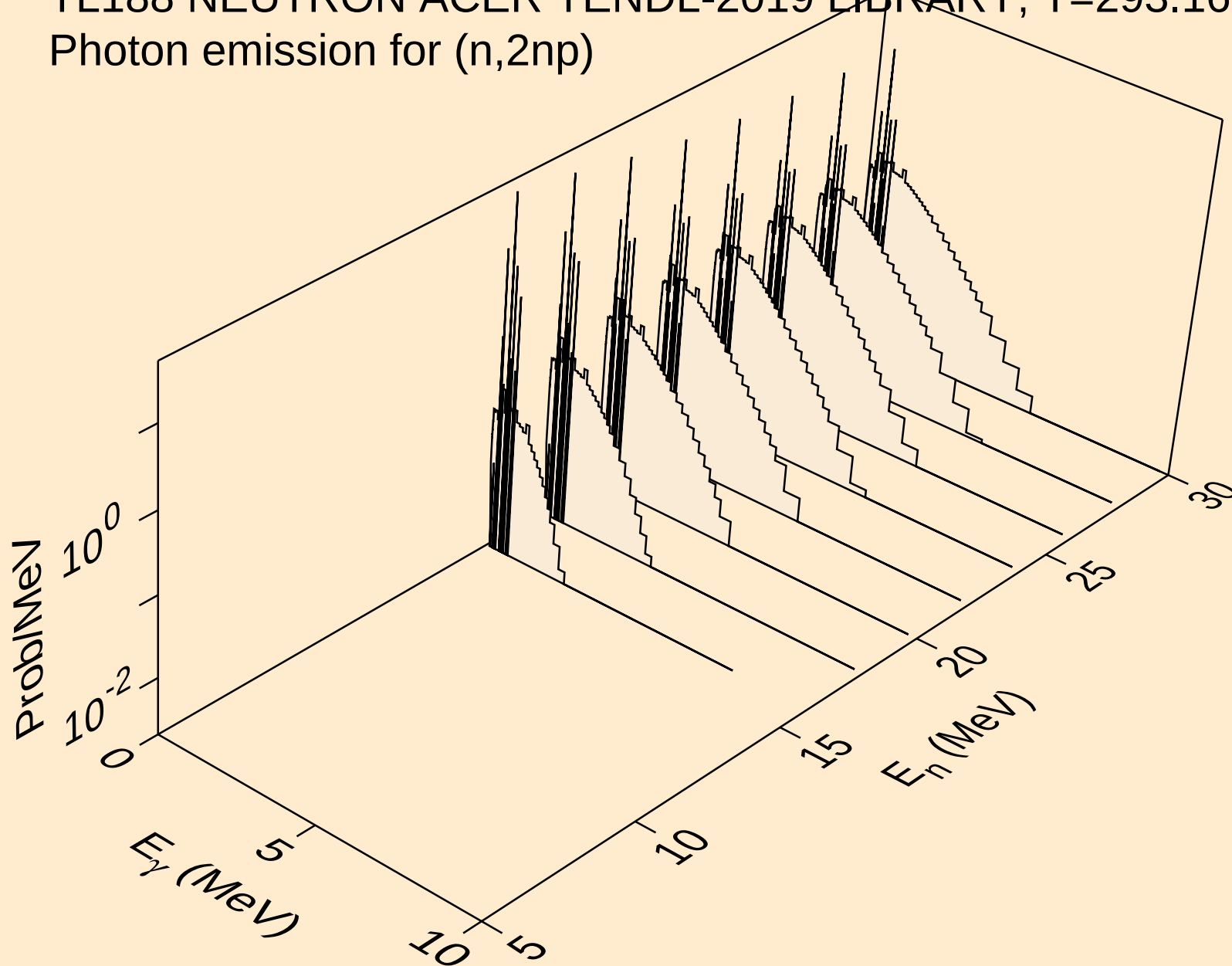
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



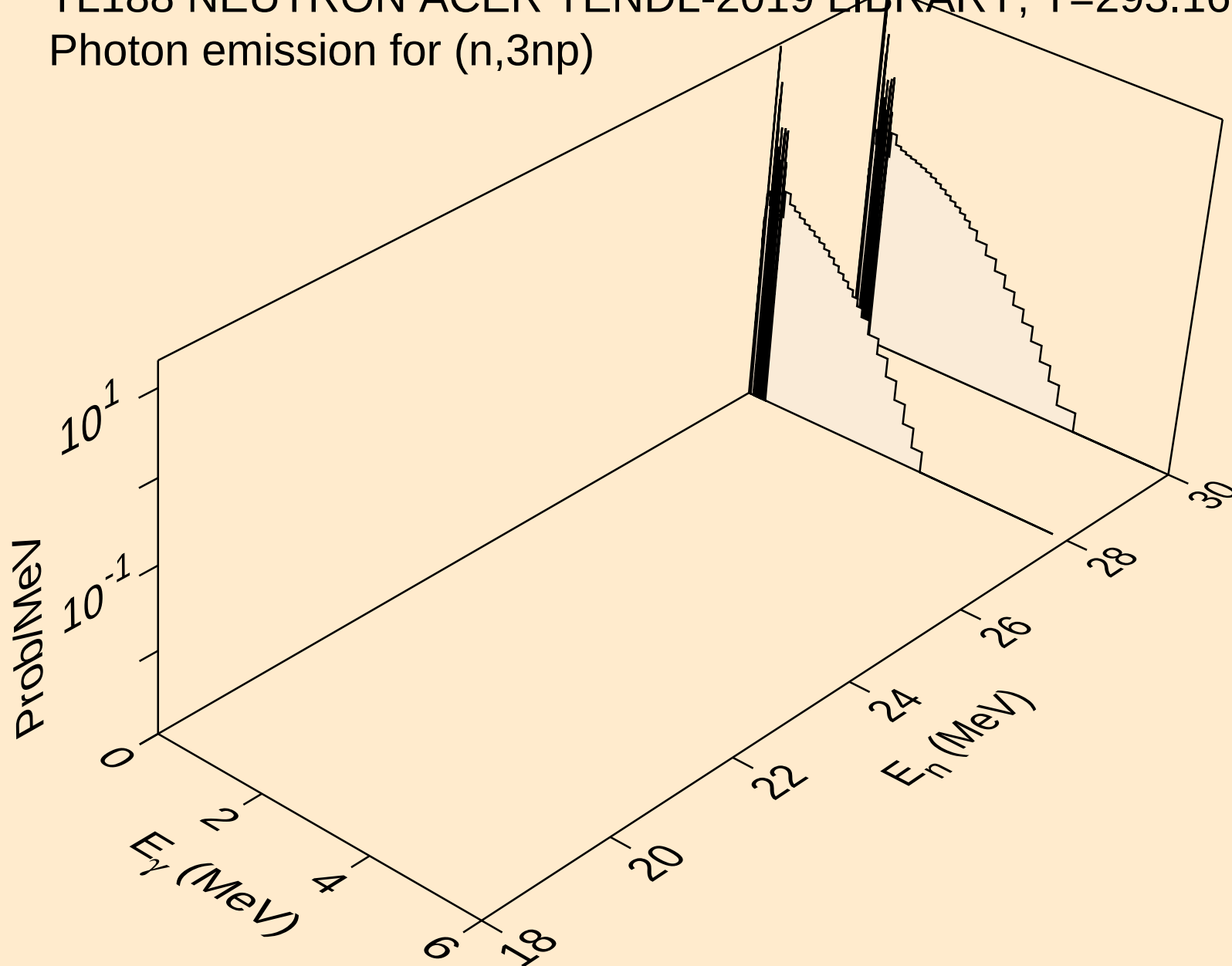
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



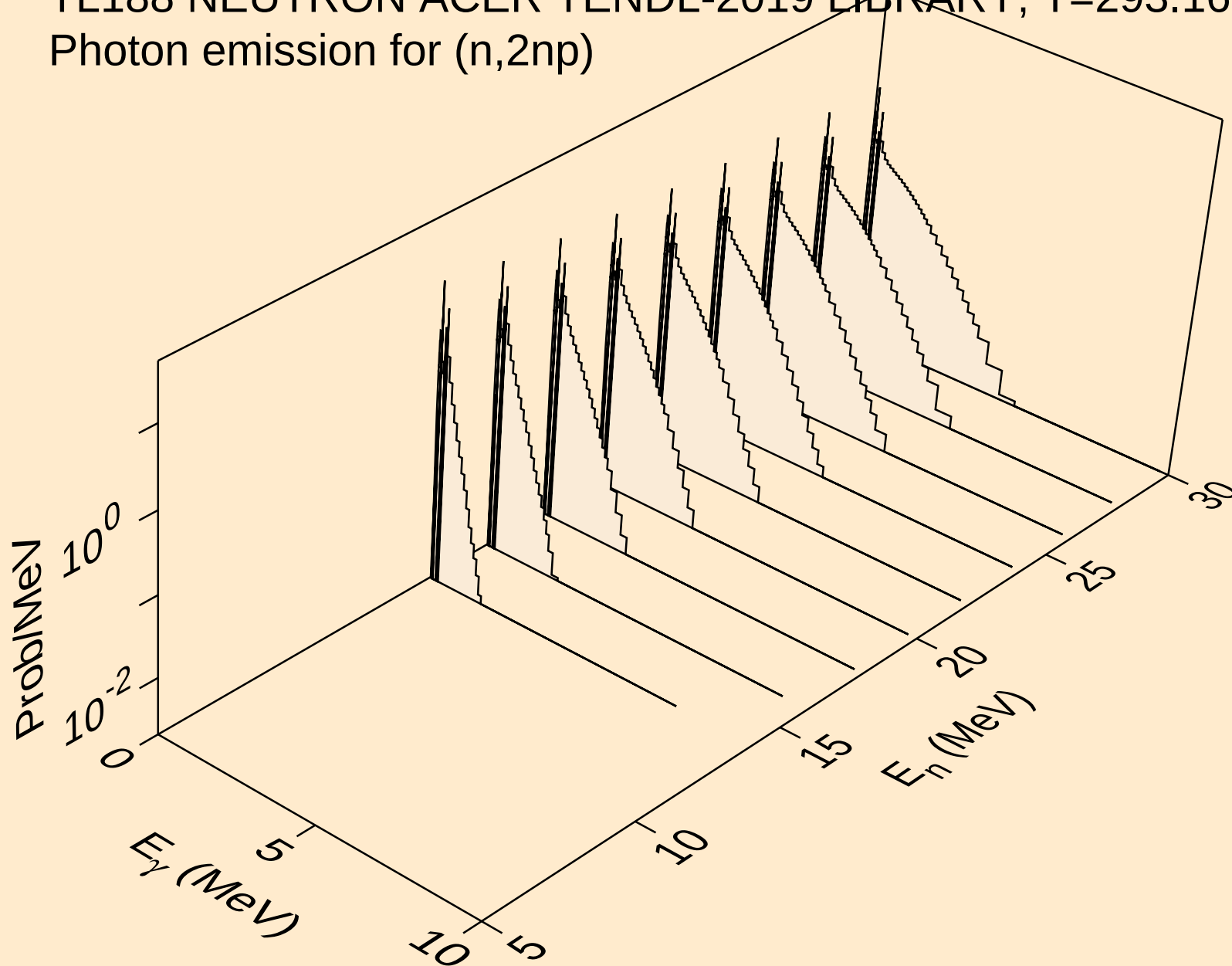
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



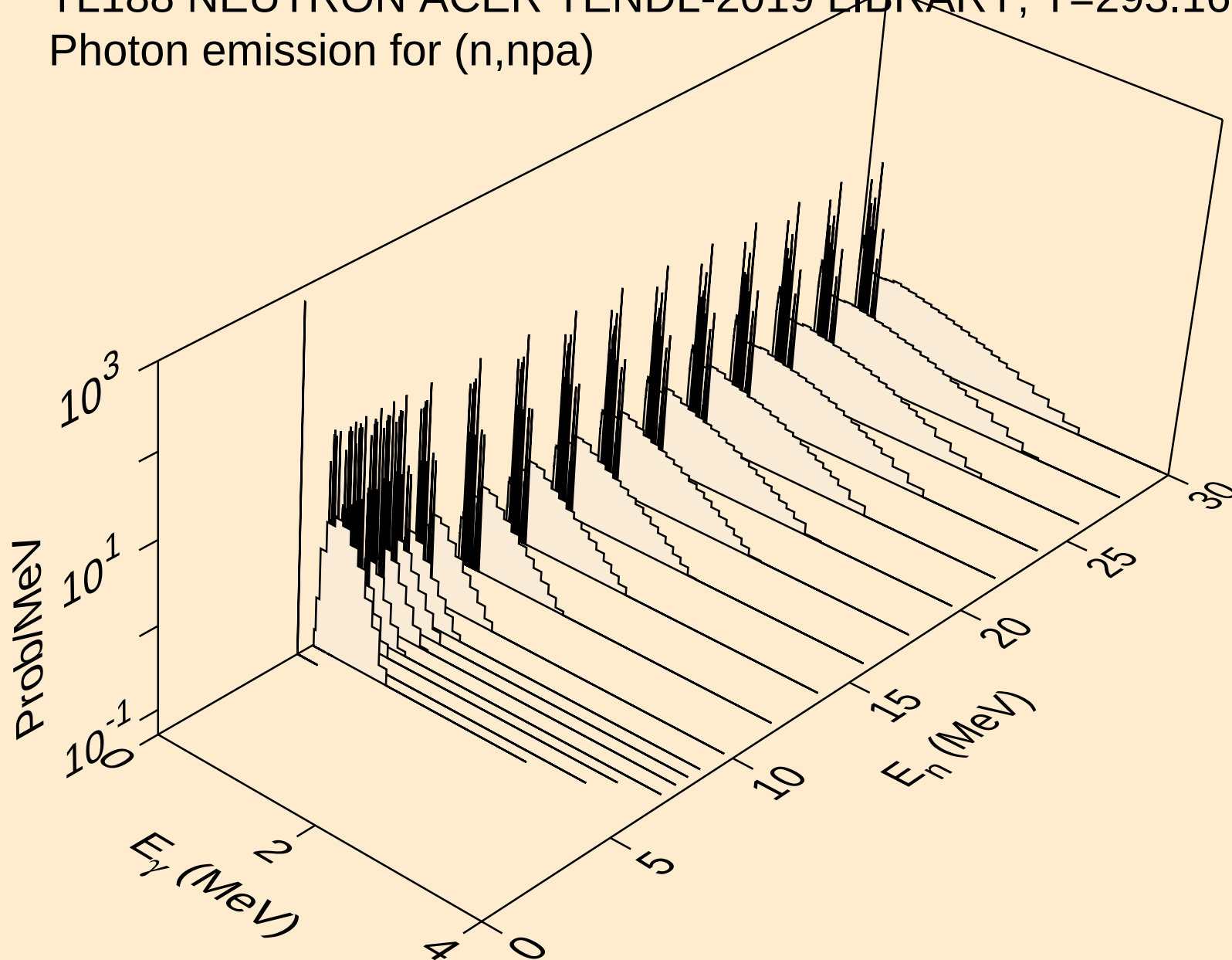
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



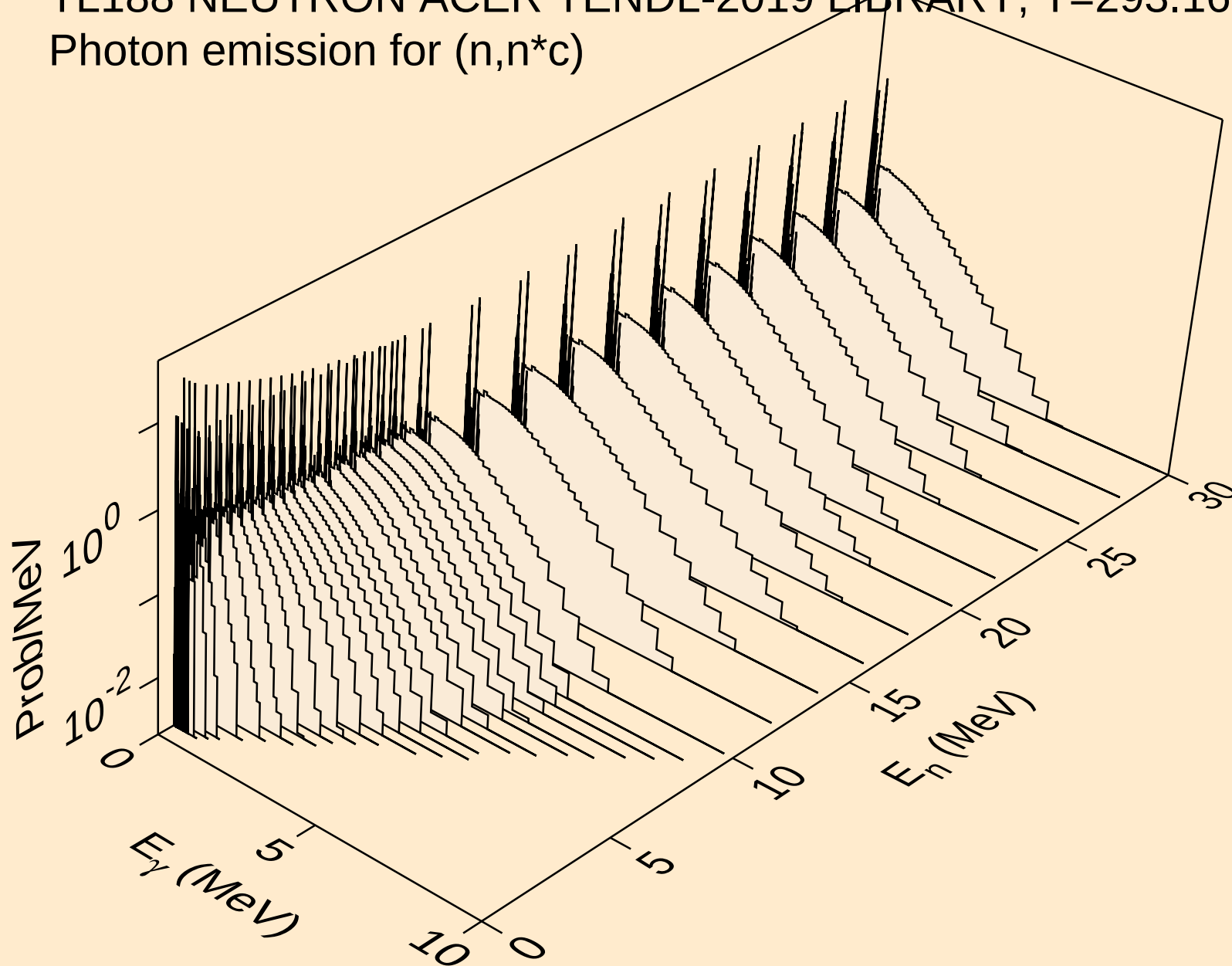
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



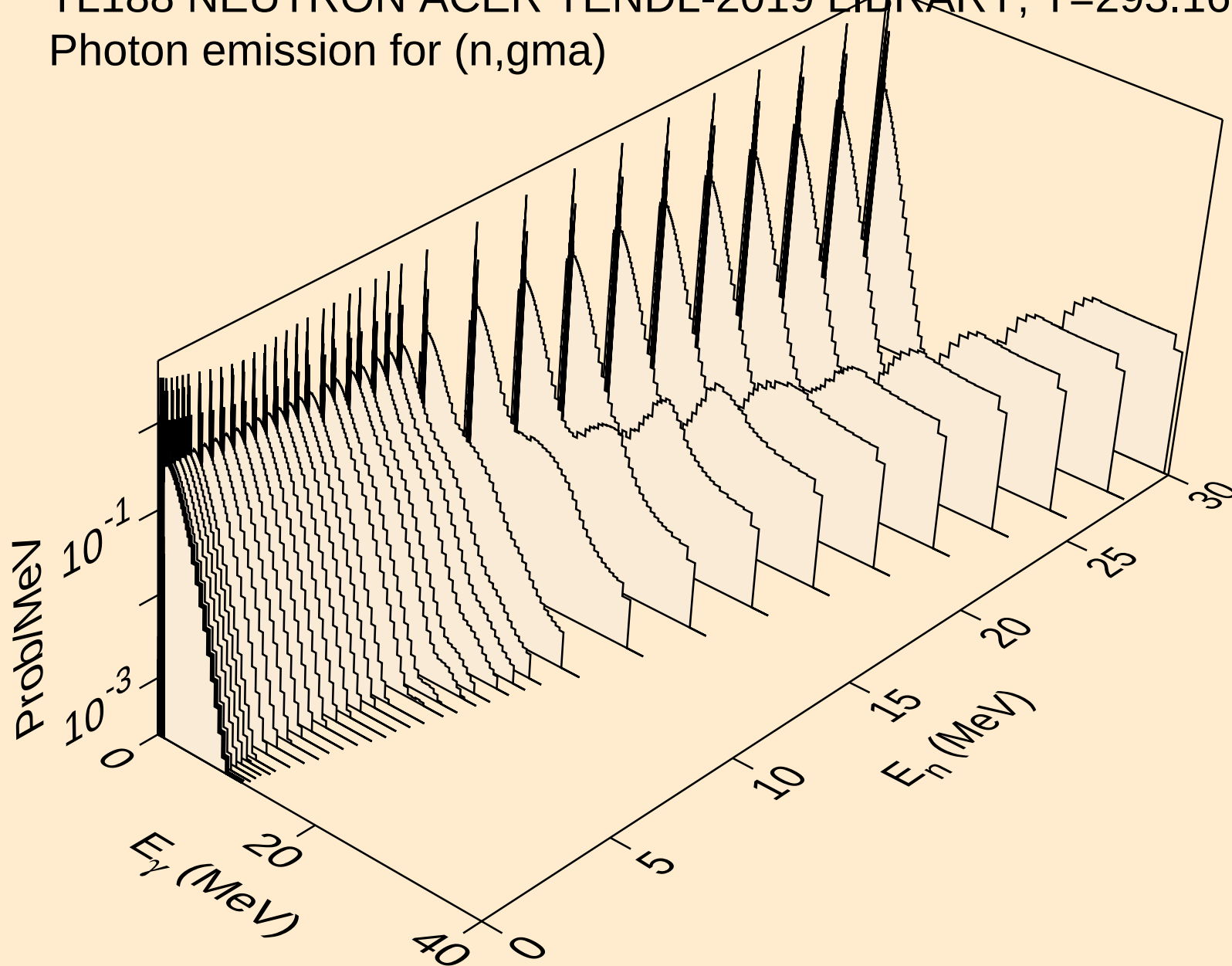
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



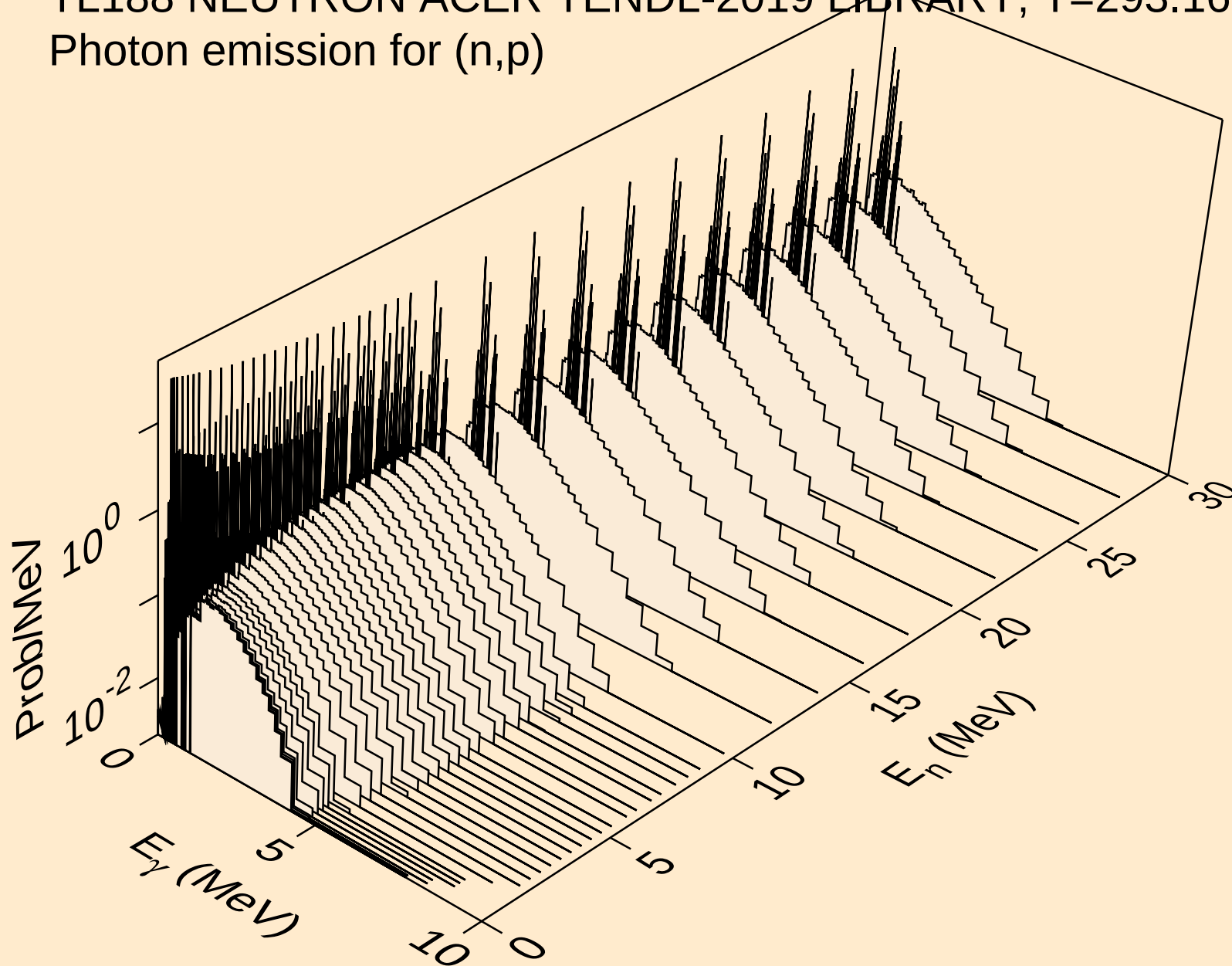
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



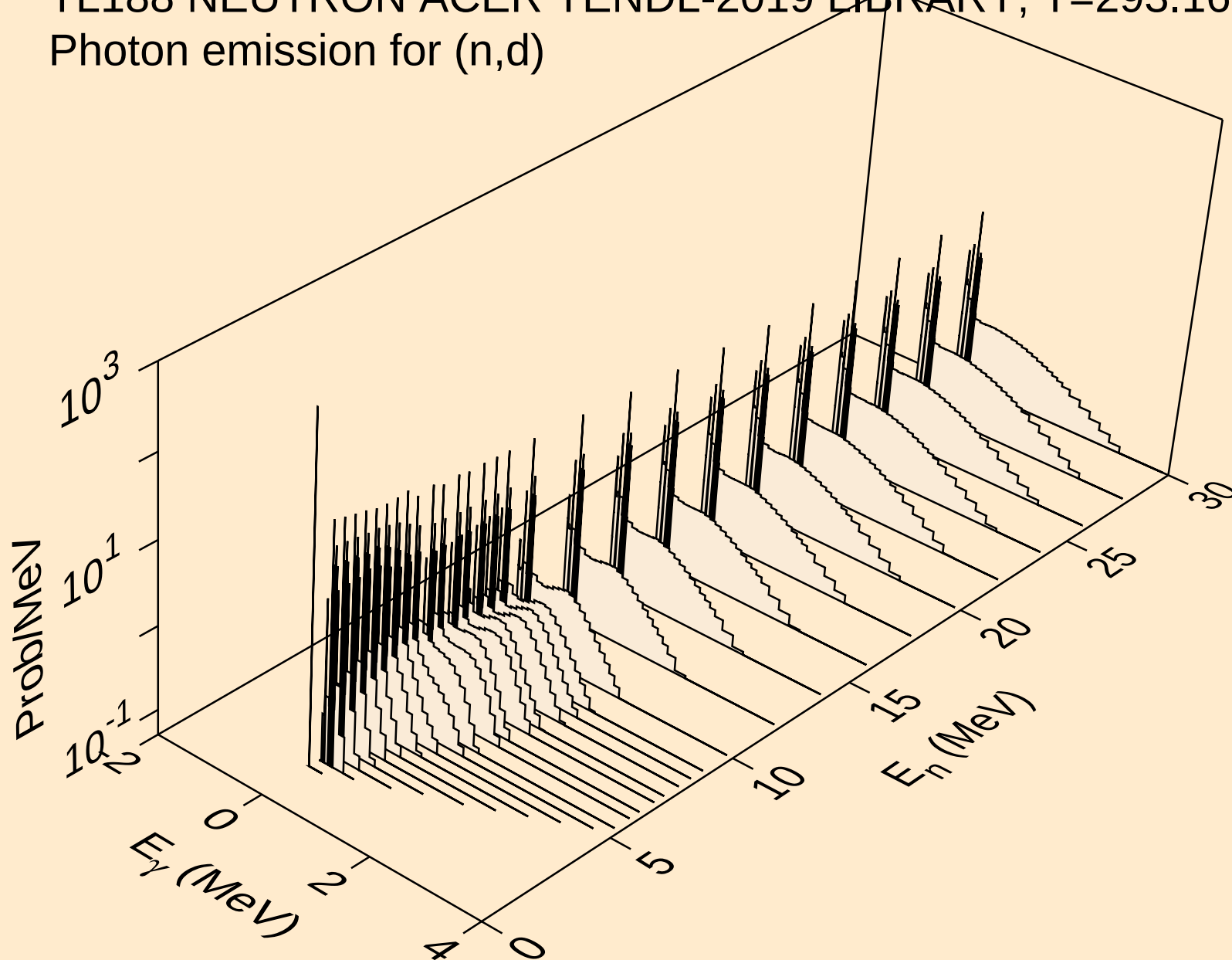
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



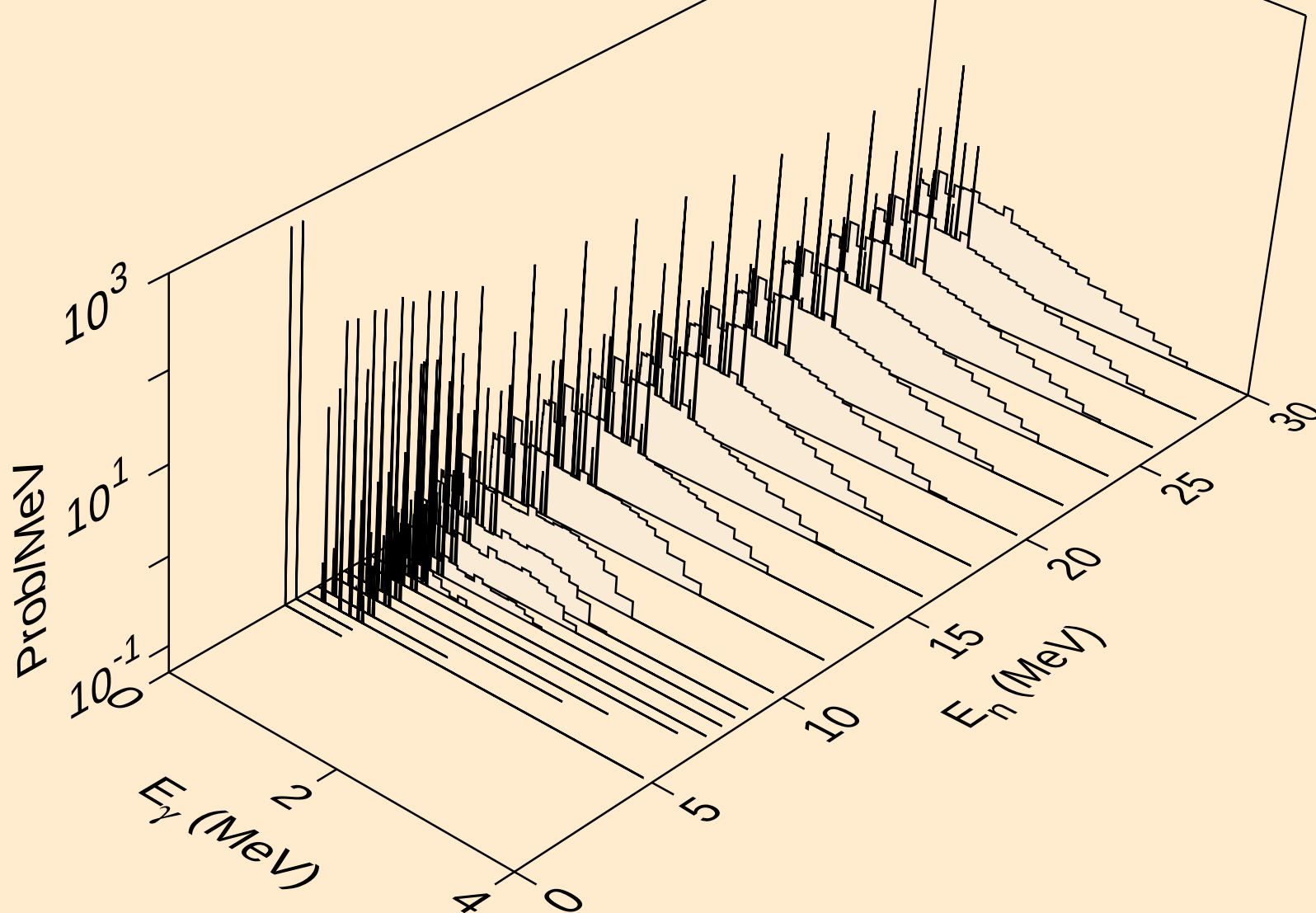
TL188 NEUTRON ACER TENDL-2019 LIBRARY; $T=293.16\text{K}$
Photon emission for (n,p)



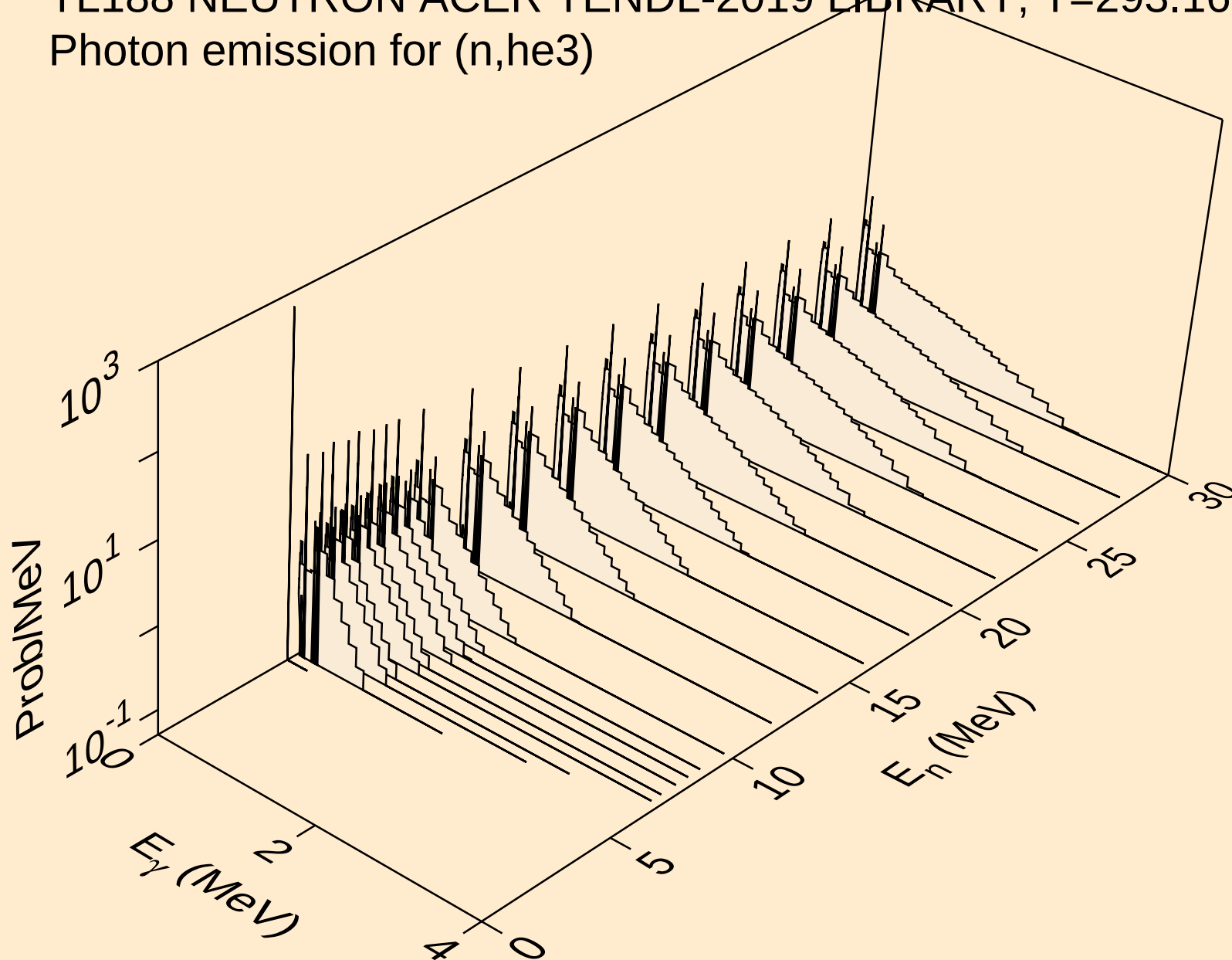
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



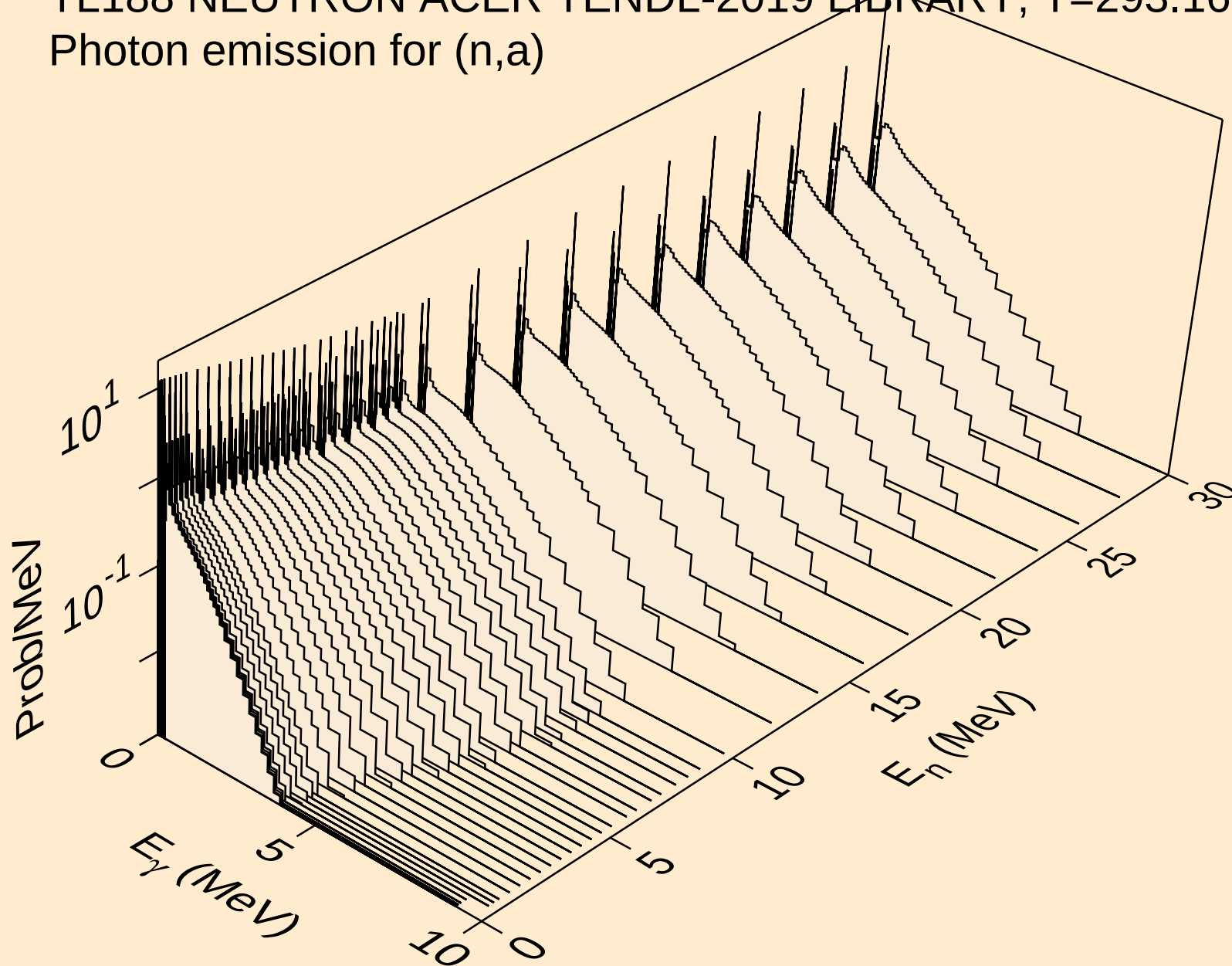
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



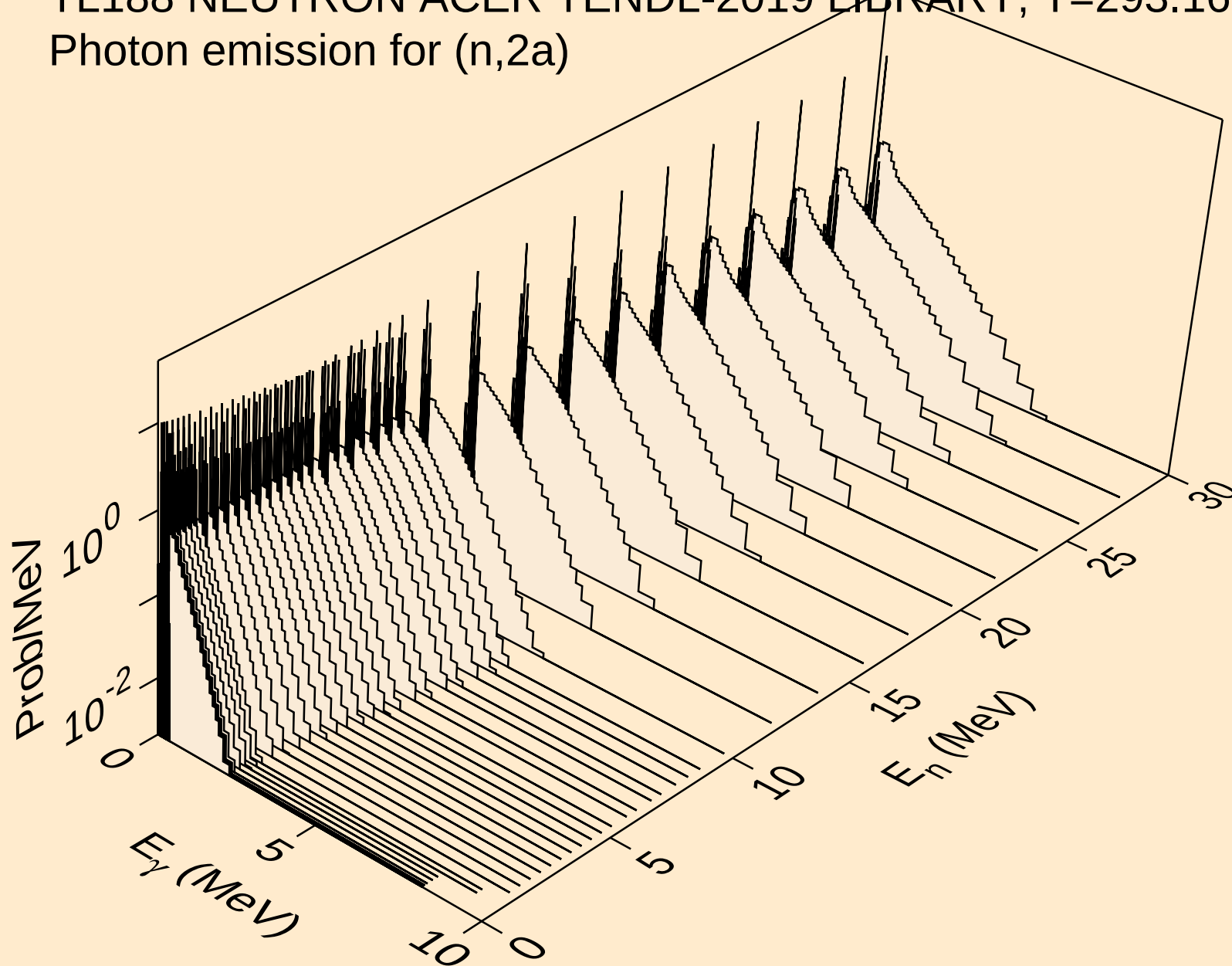
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



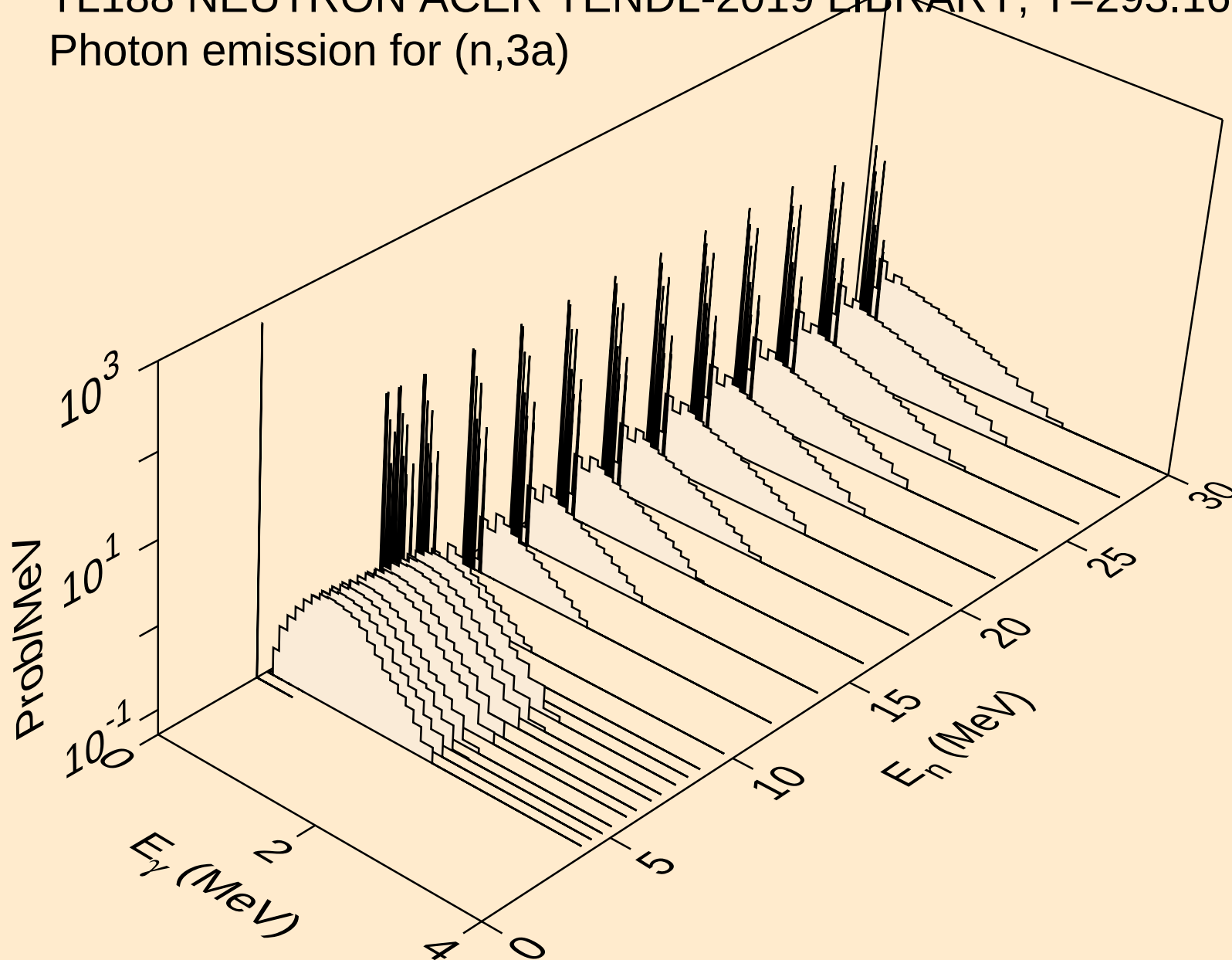
TL188 NEUTRON ACER TENDL-2019 LIBRARY; $T=293.16\text{K}$
Photon emission for (n,a)



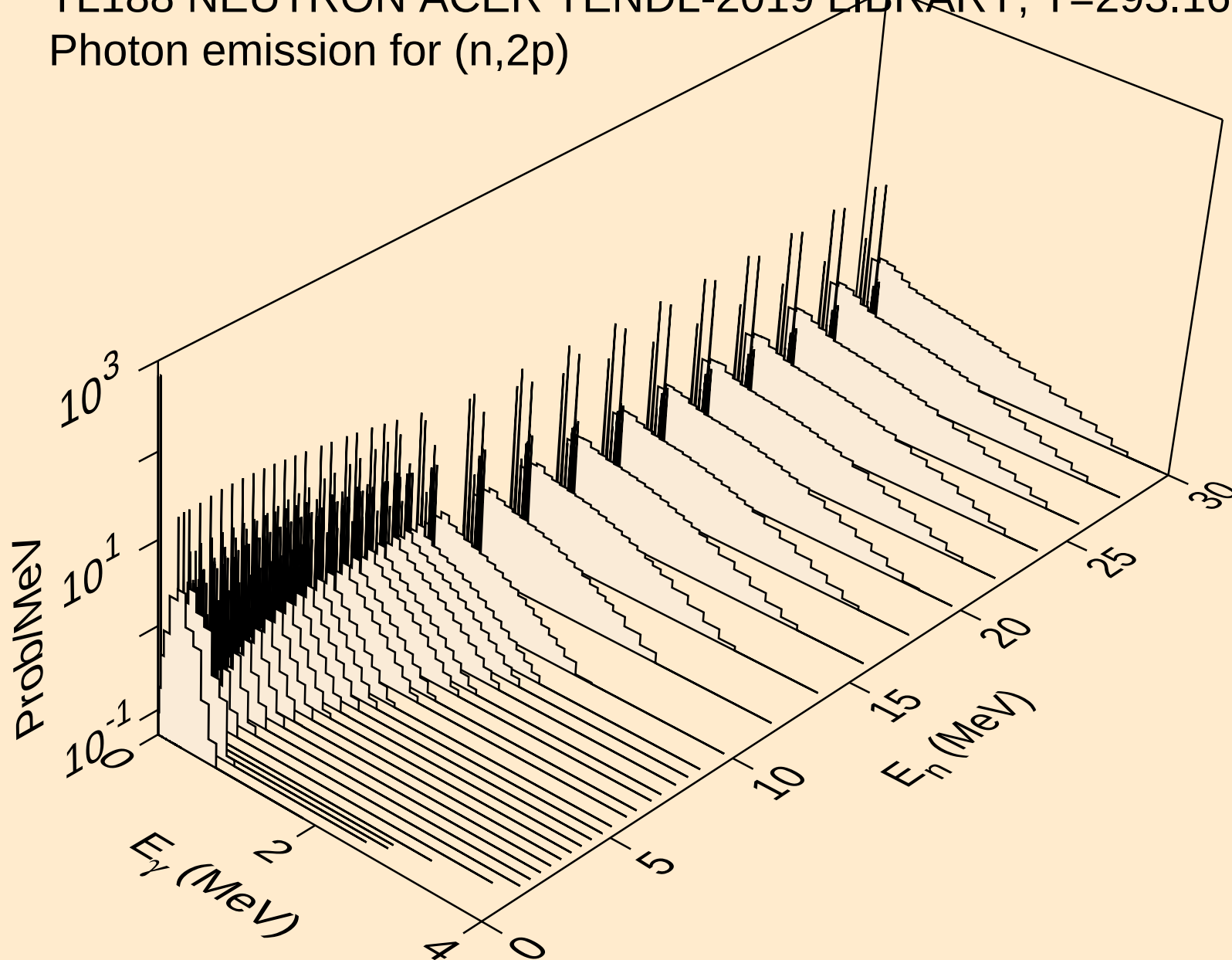
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



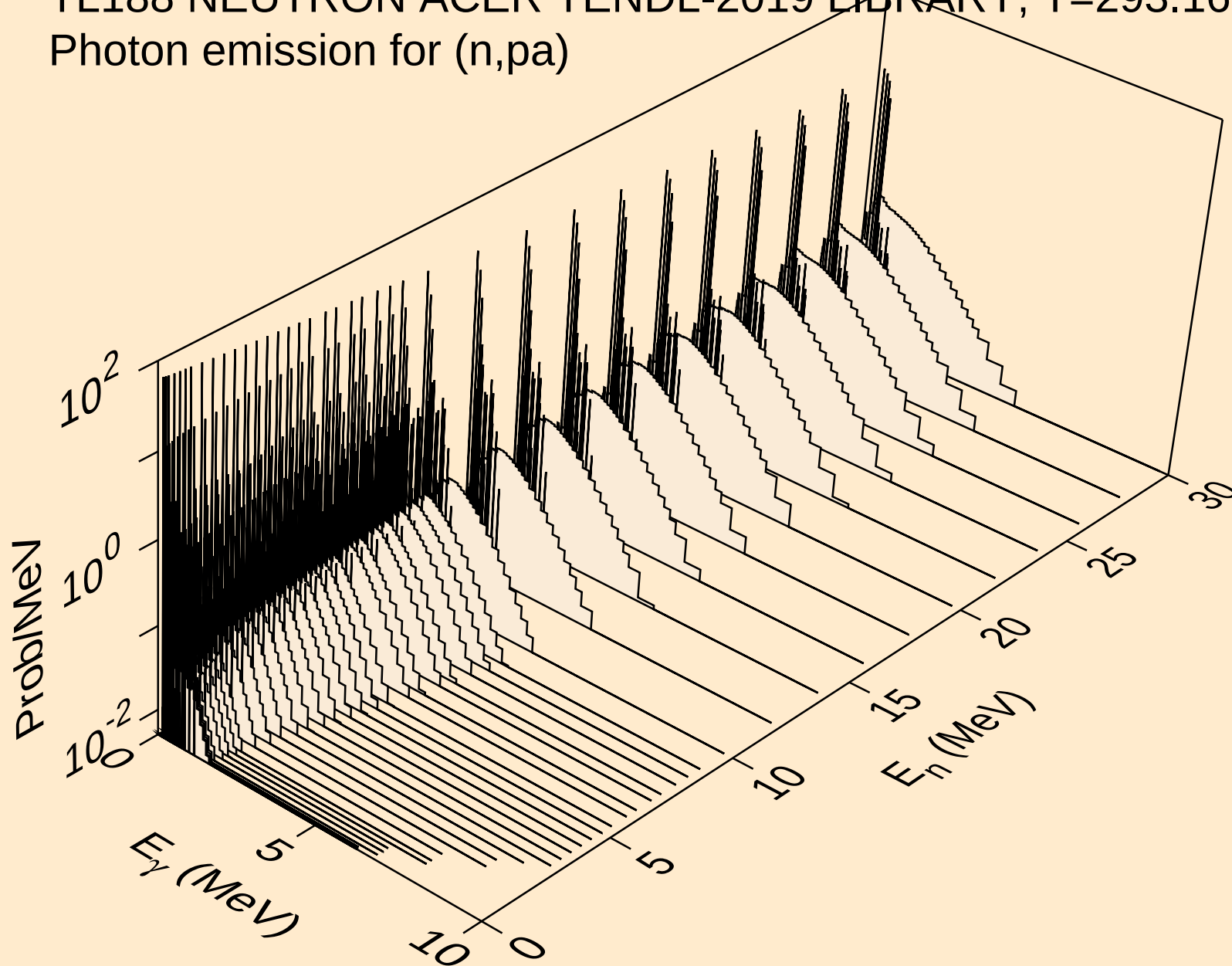
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



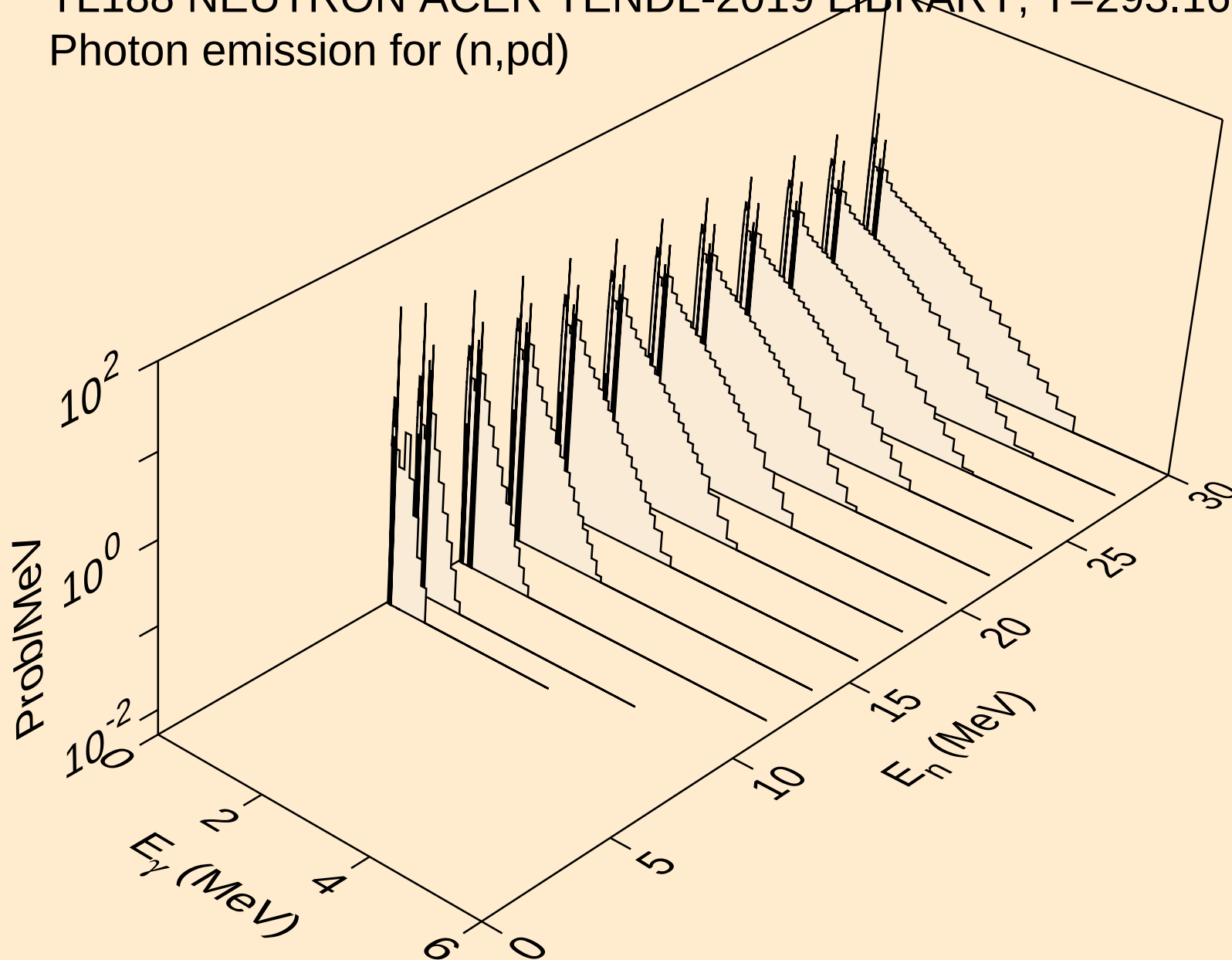
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



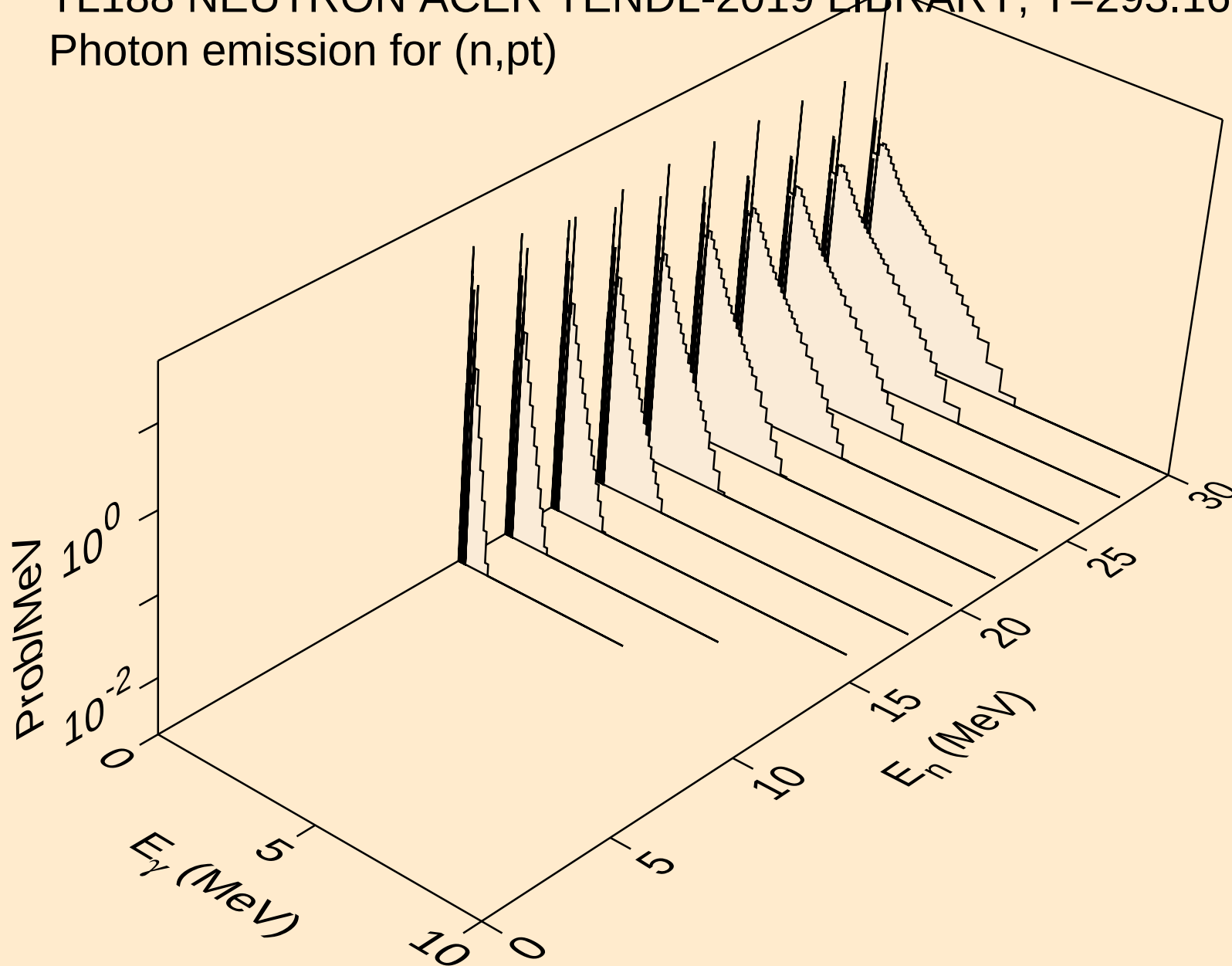
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



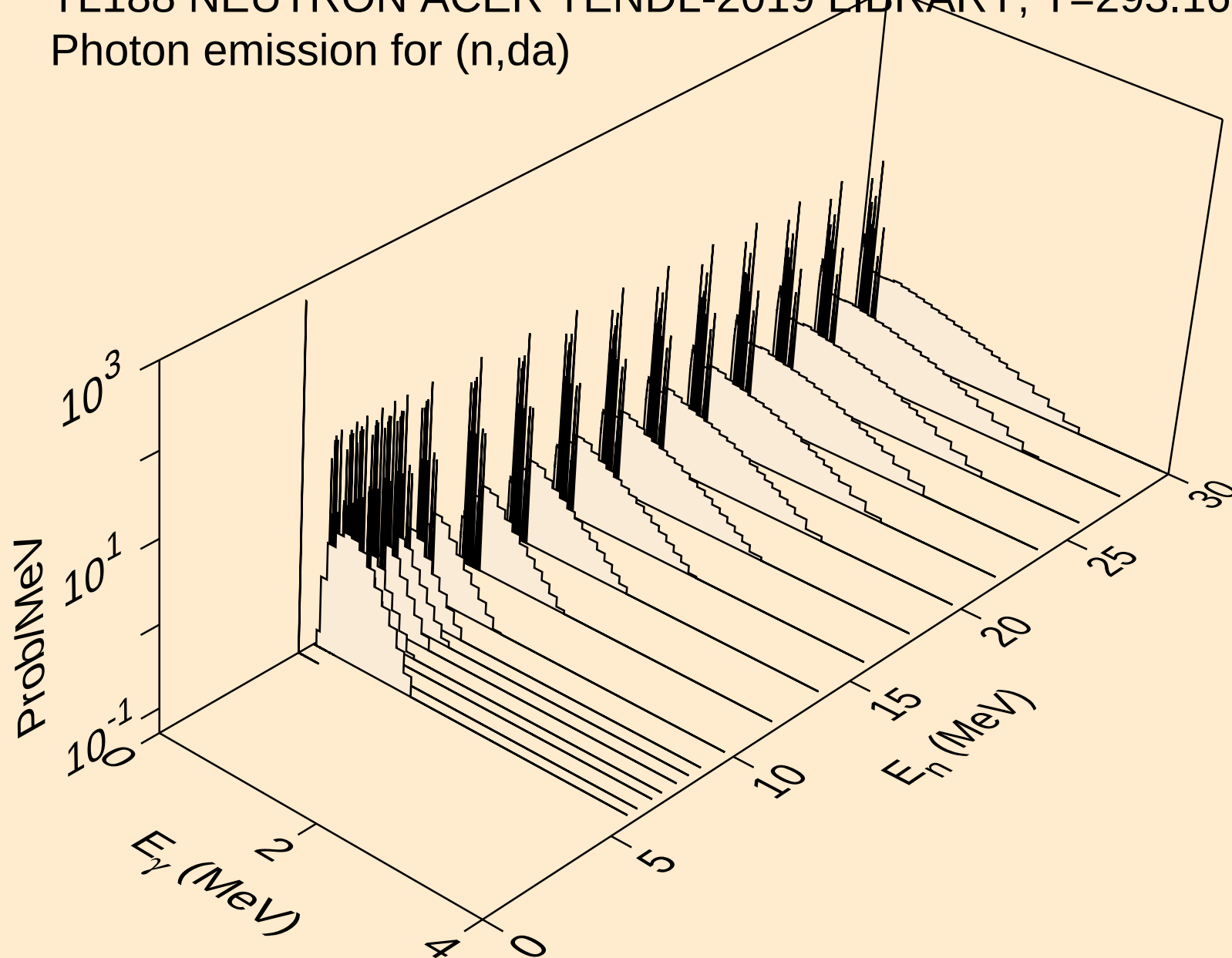
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



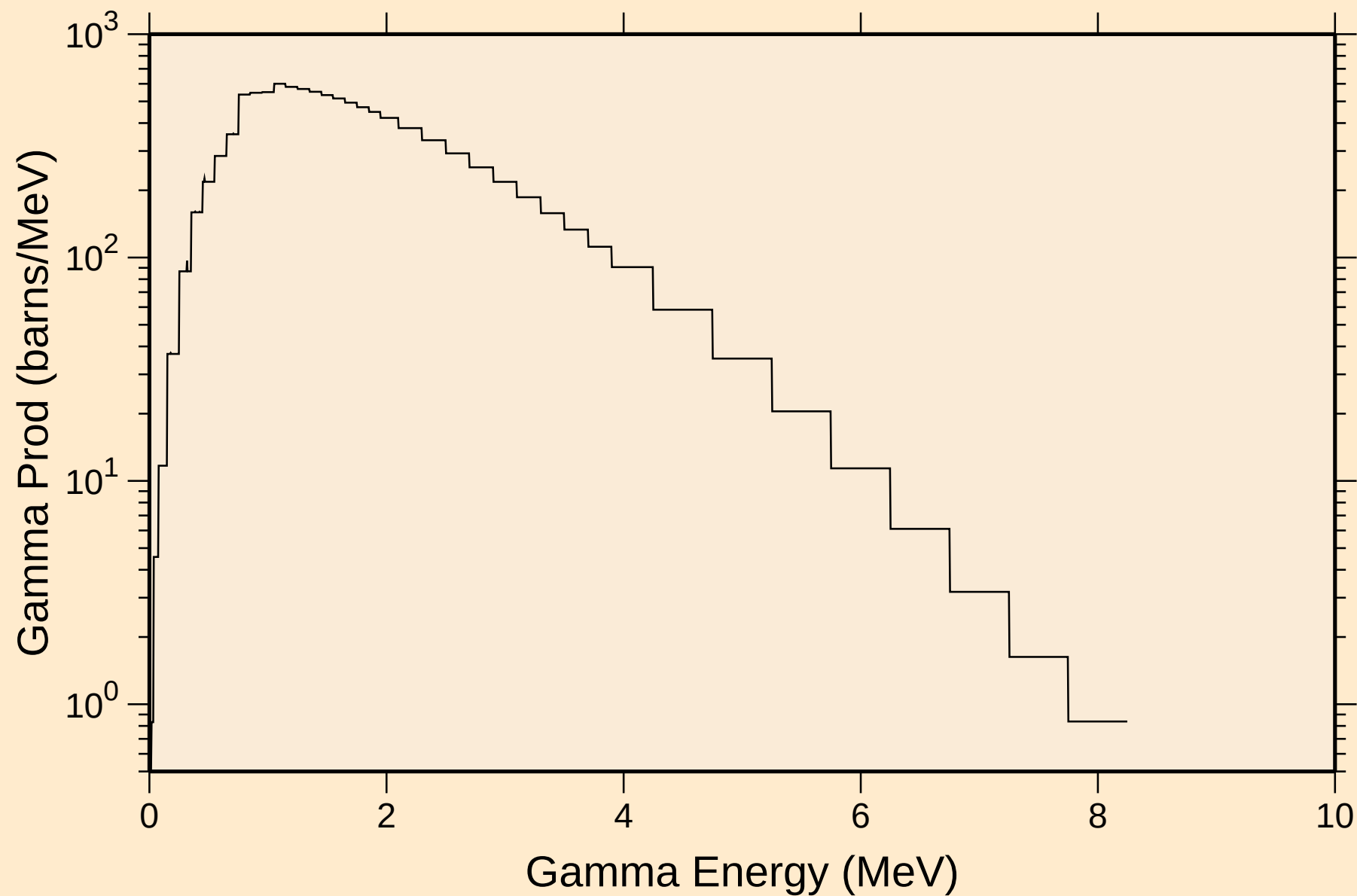
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



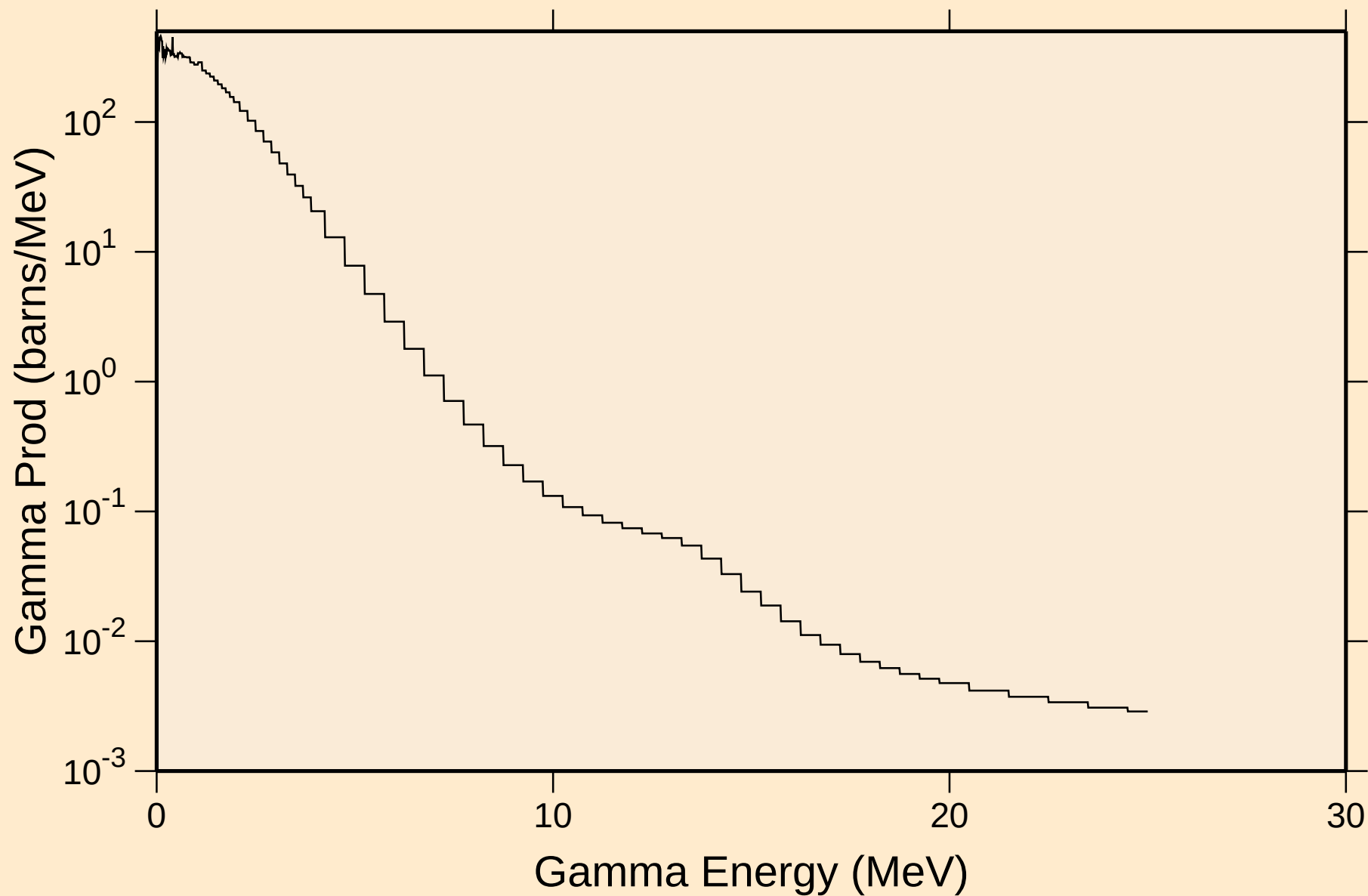
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



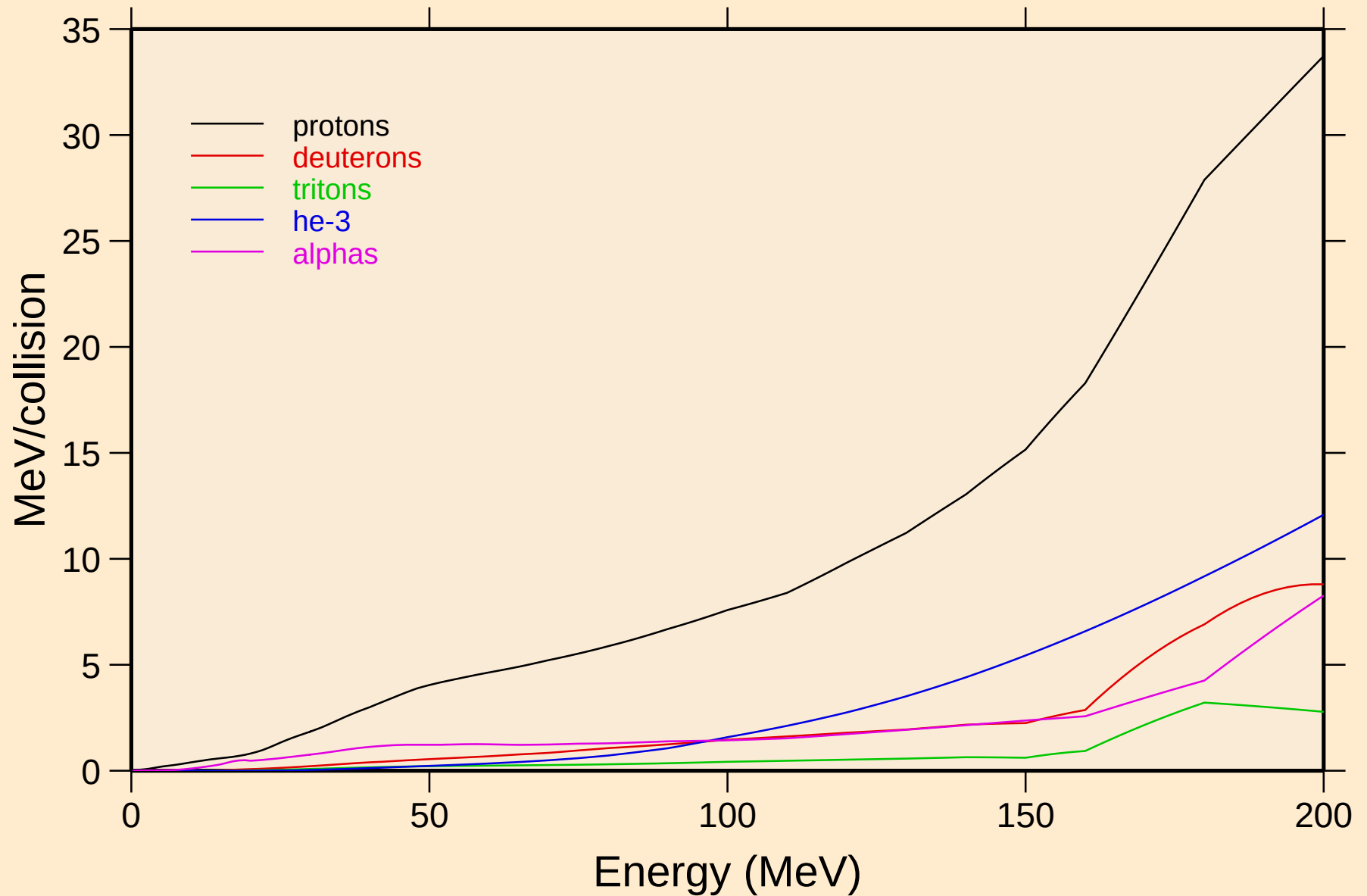
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



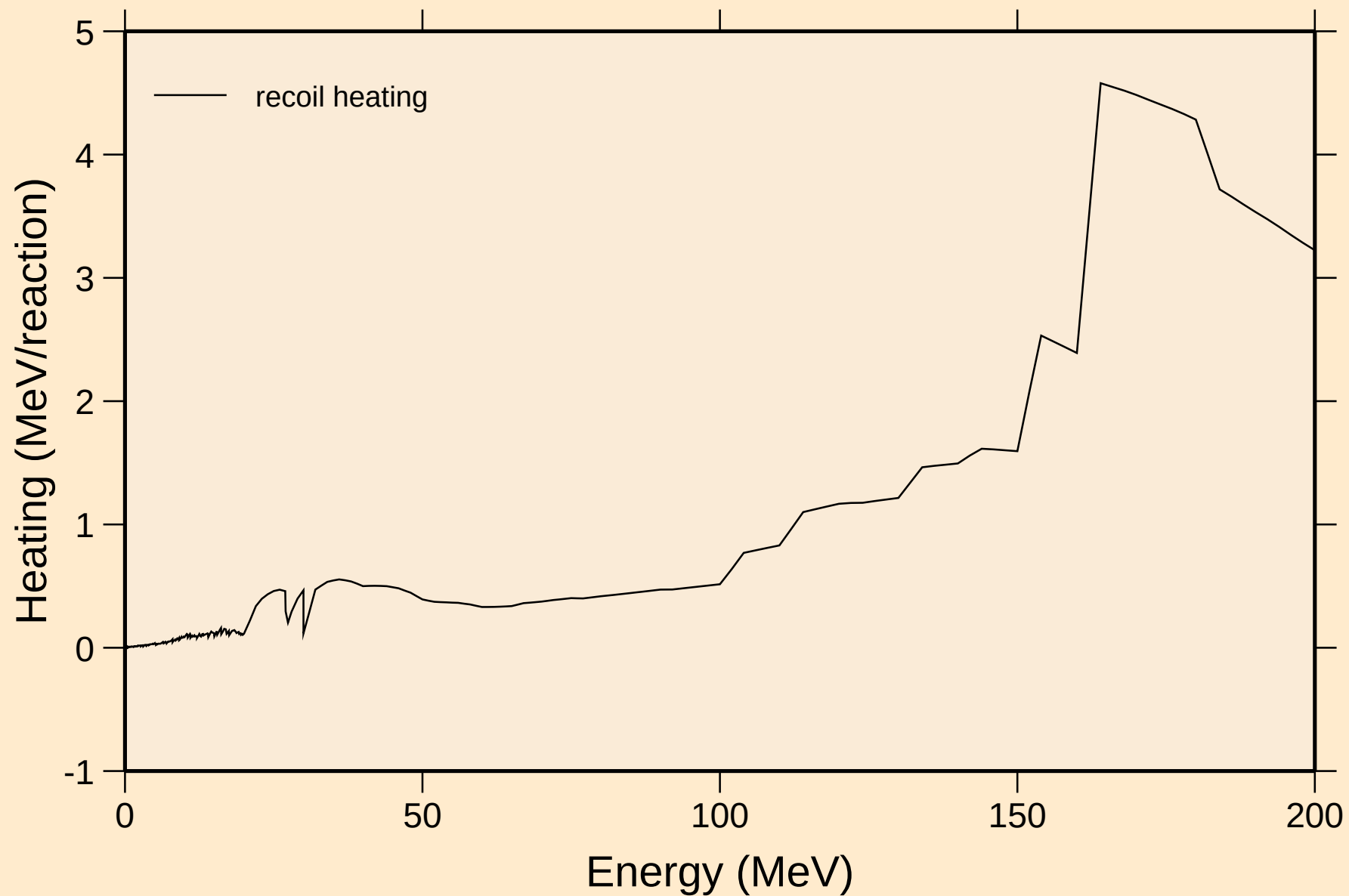
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



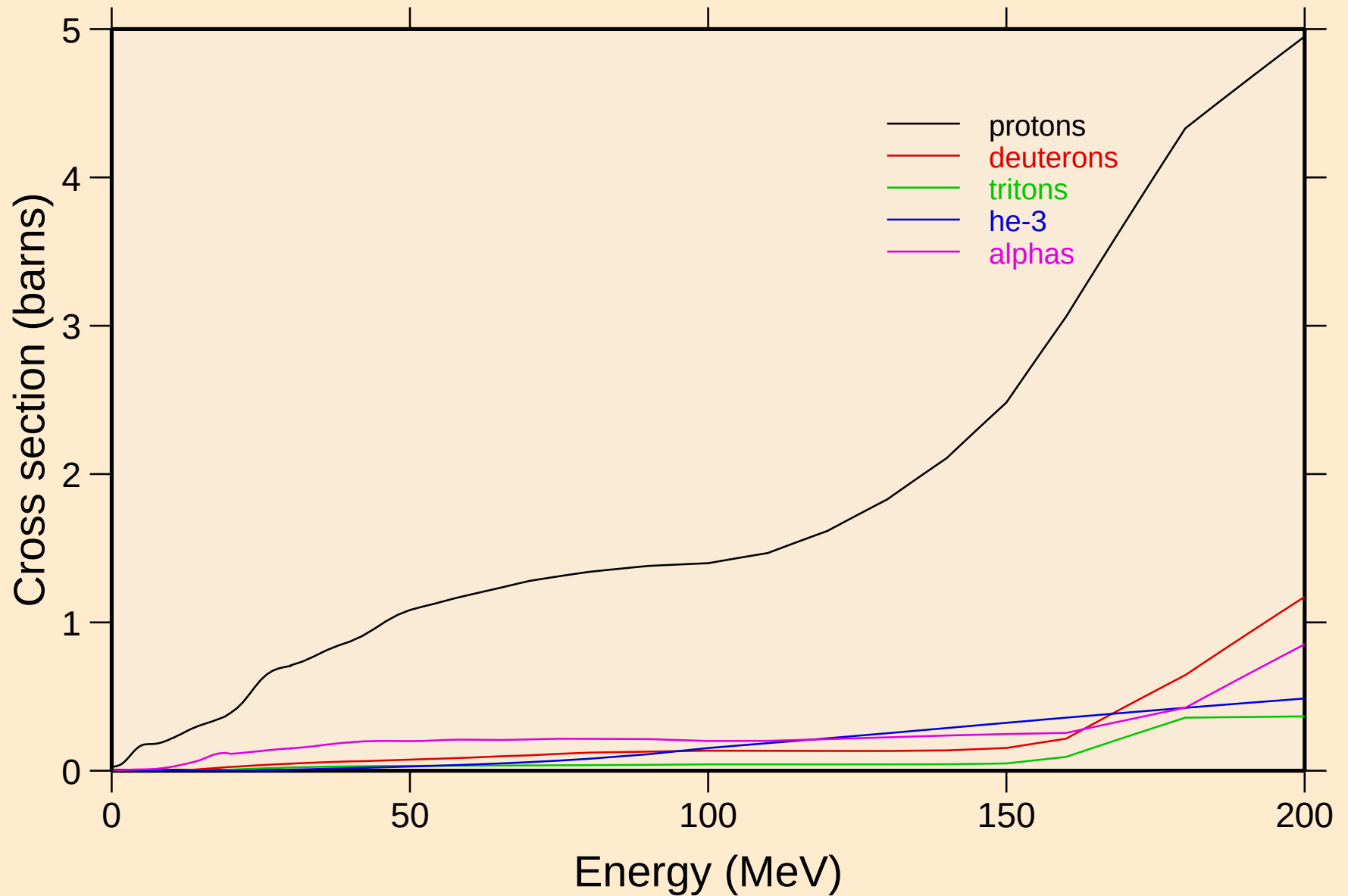
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions



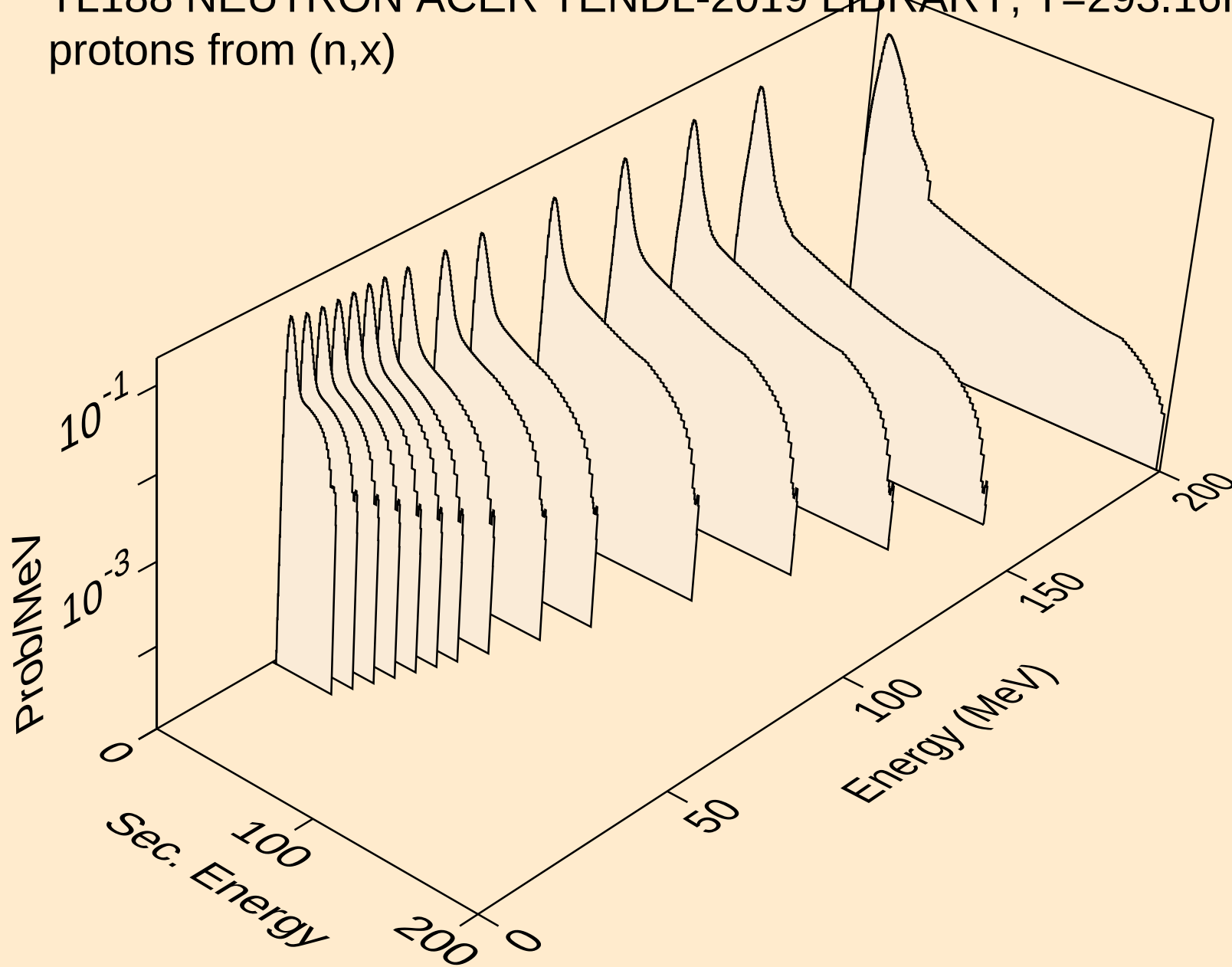
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



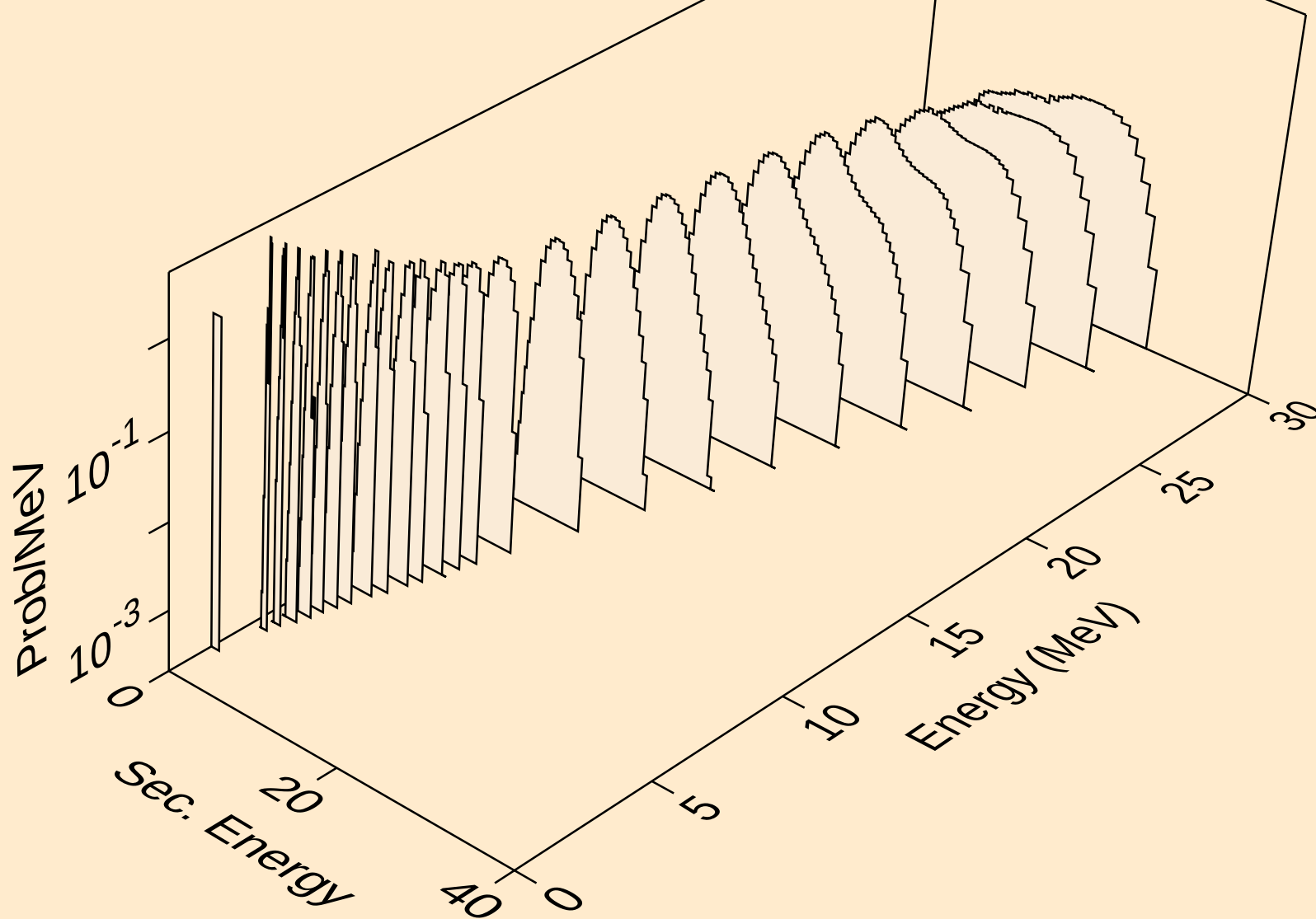
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



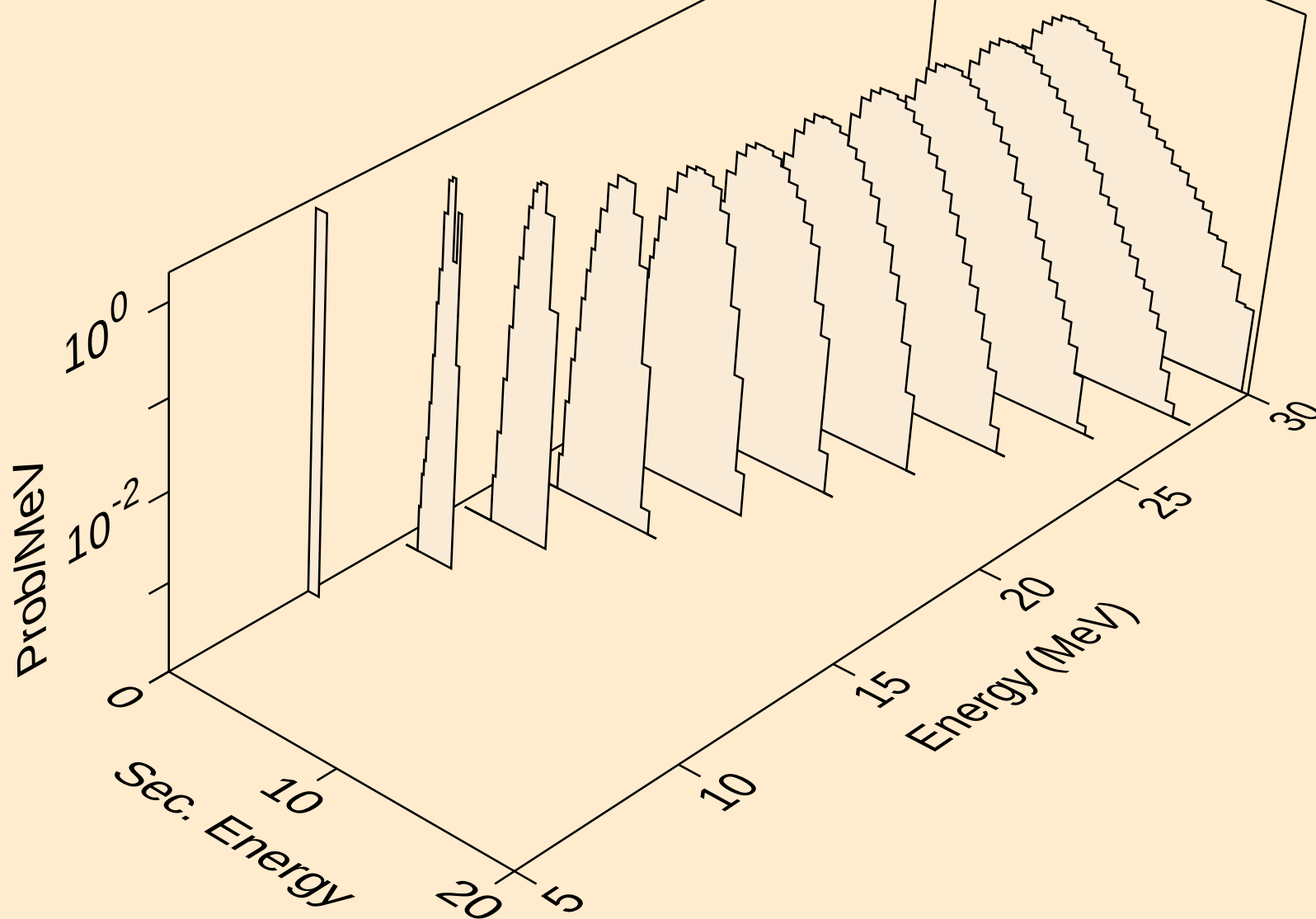
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



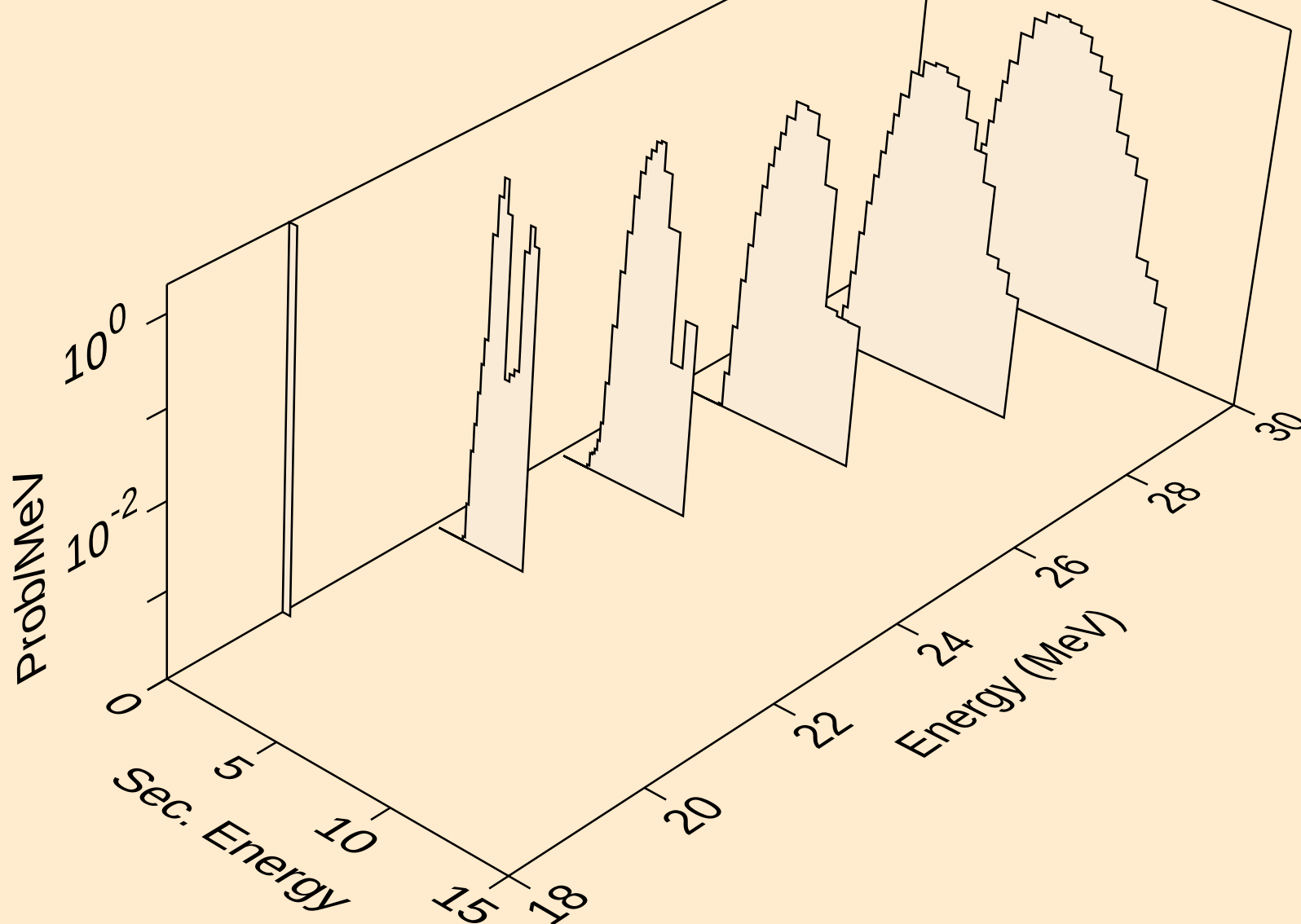
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



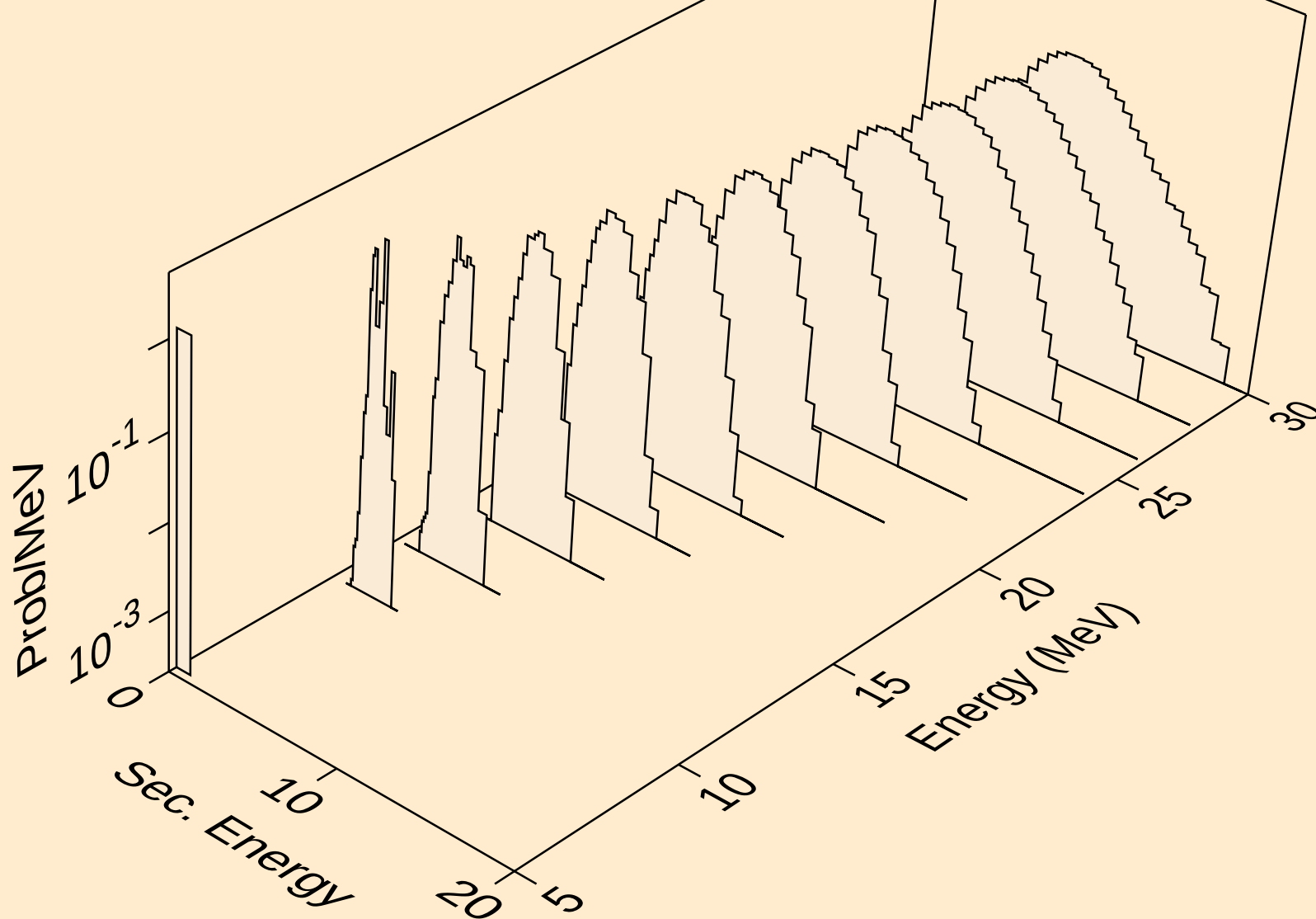
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



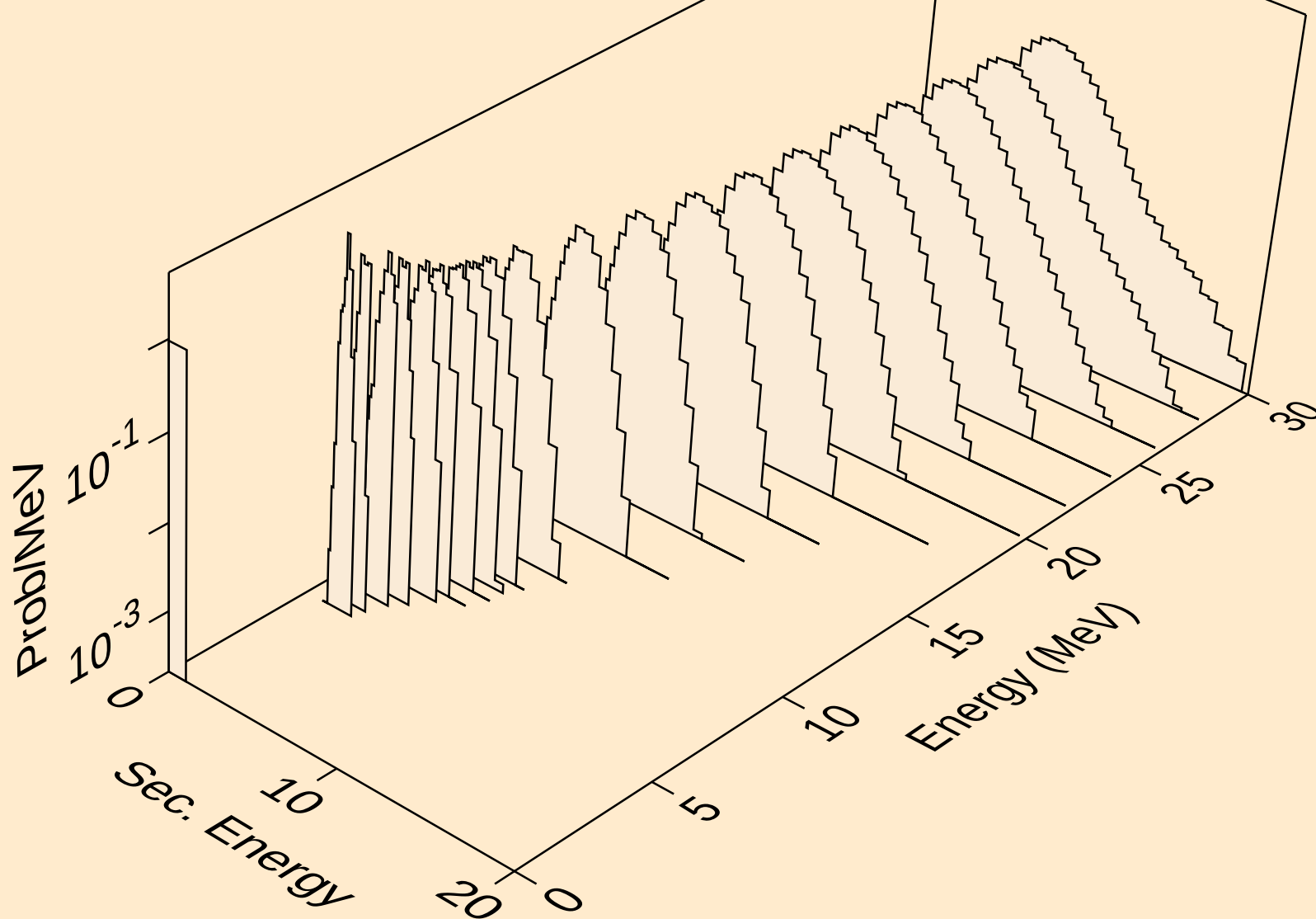
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



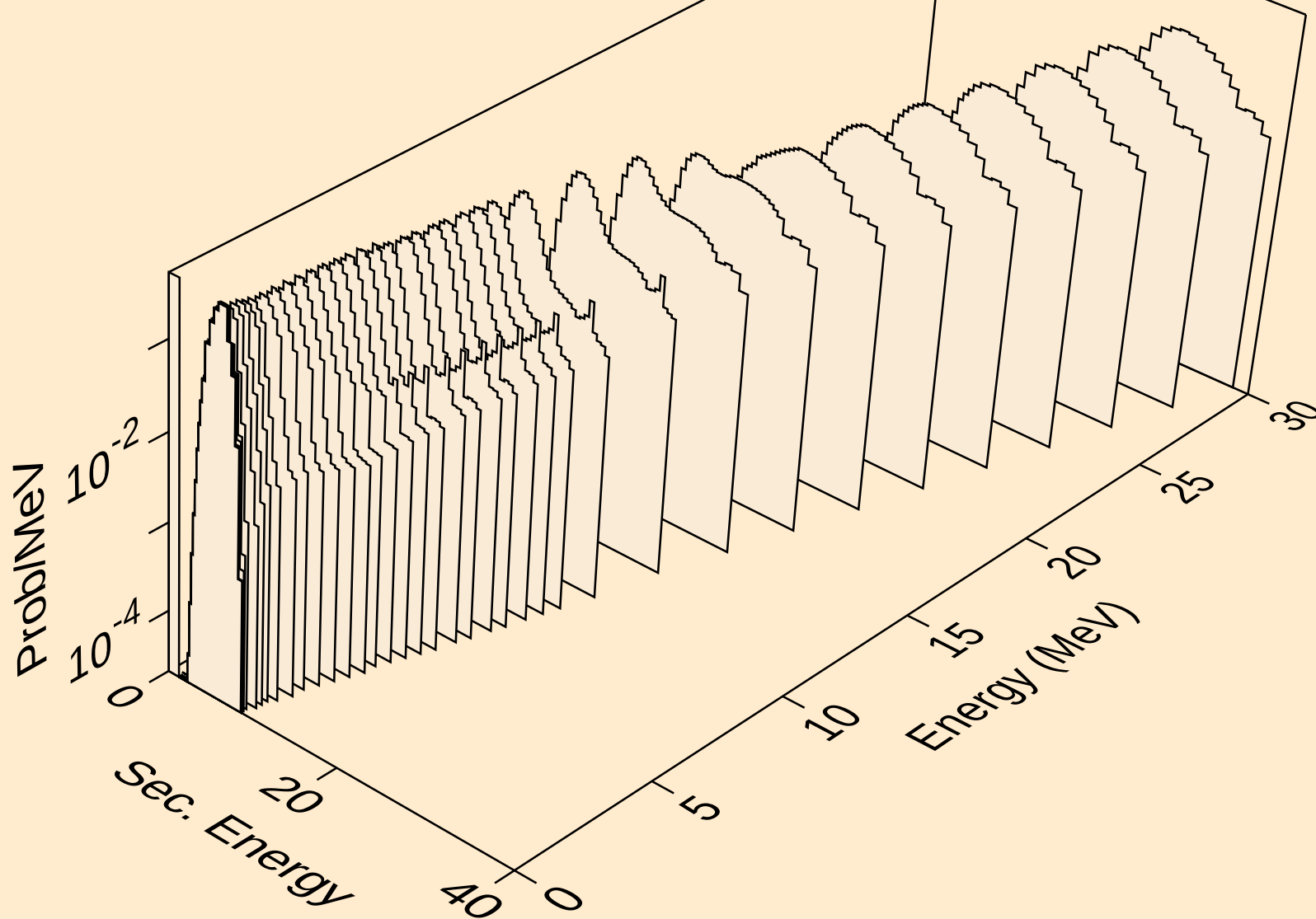
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



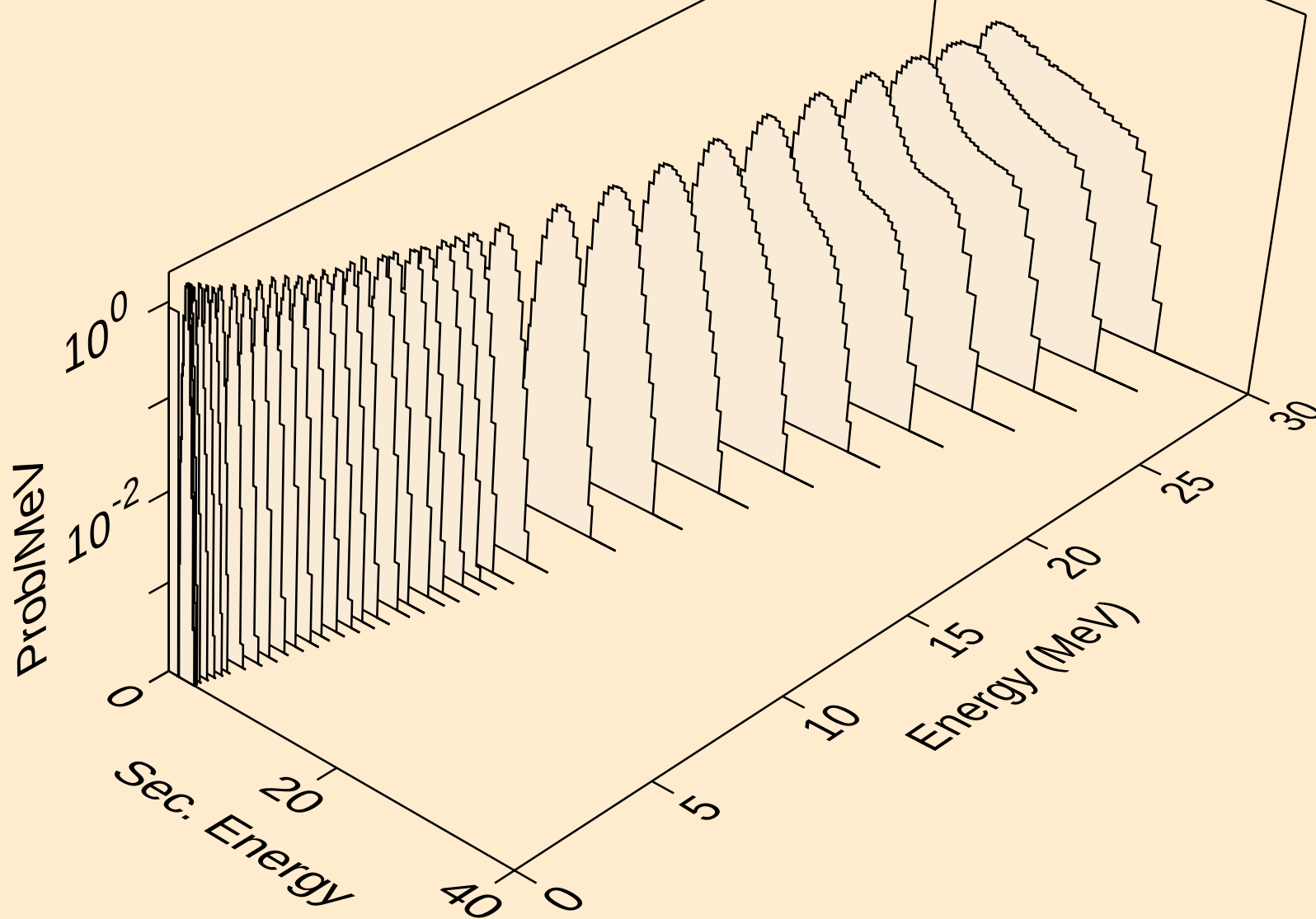
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protons from (n,npa)



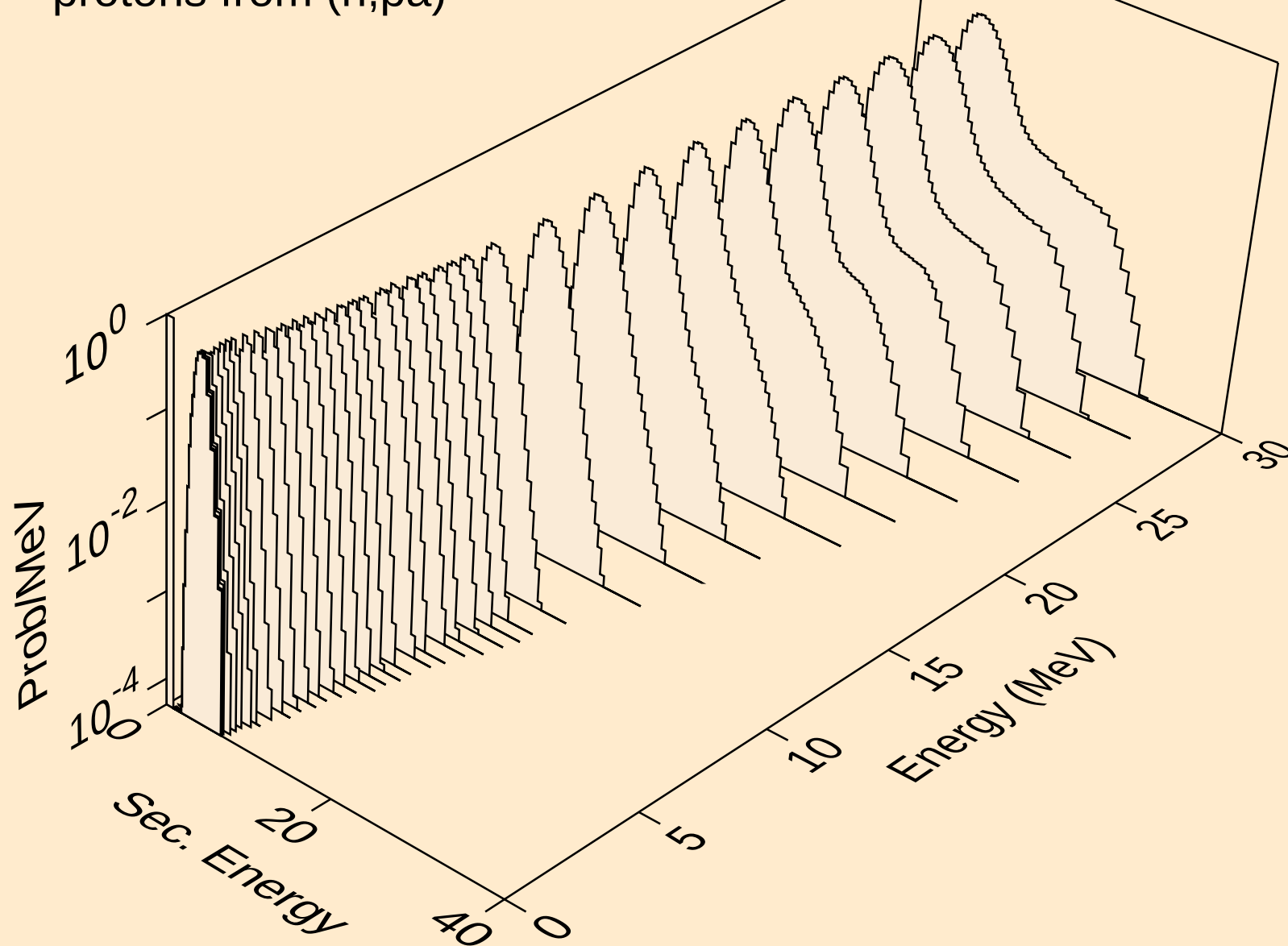
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



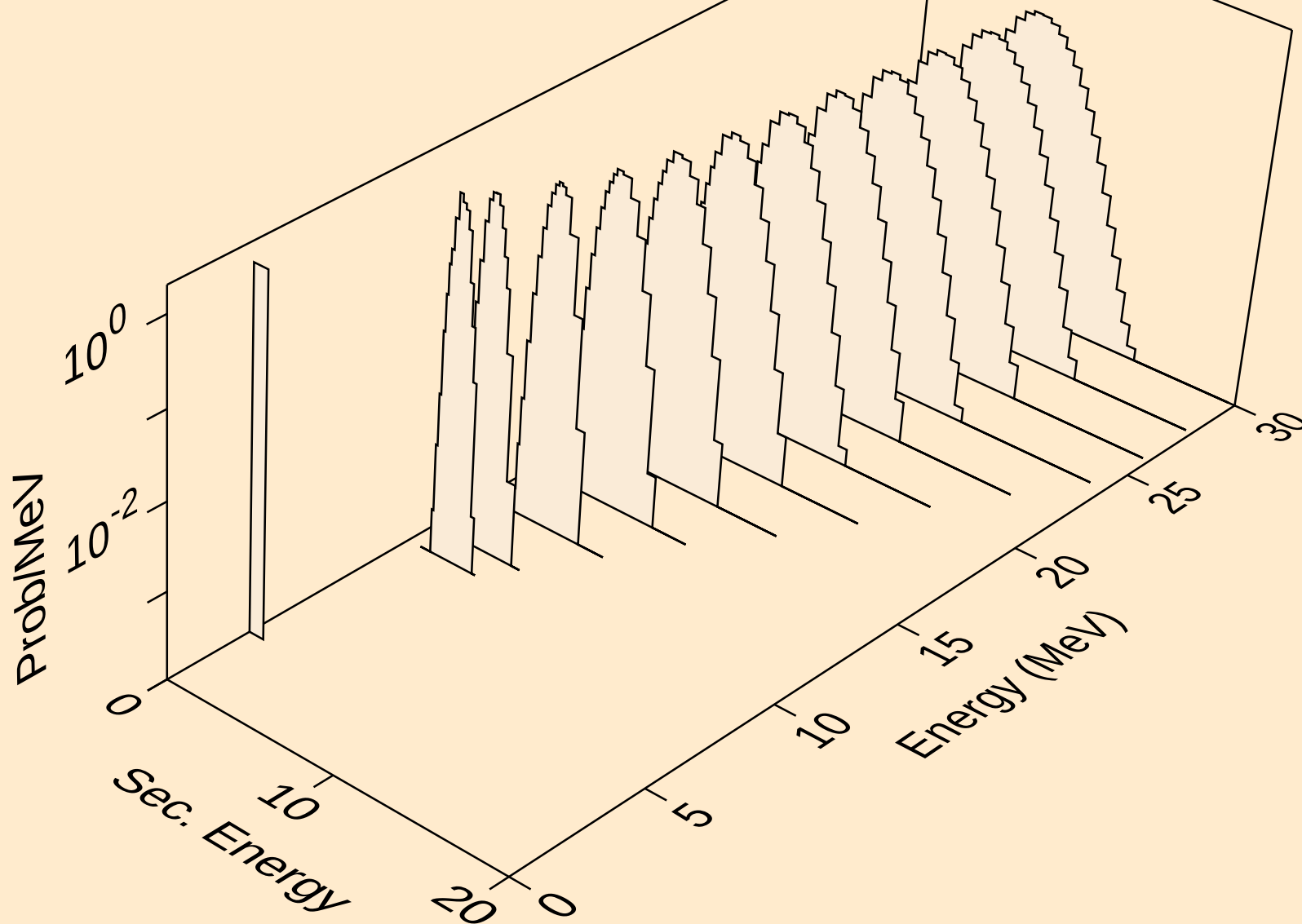
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protons from (n,2p)



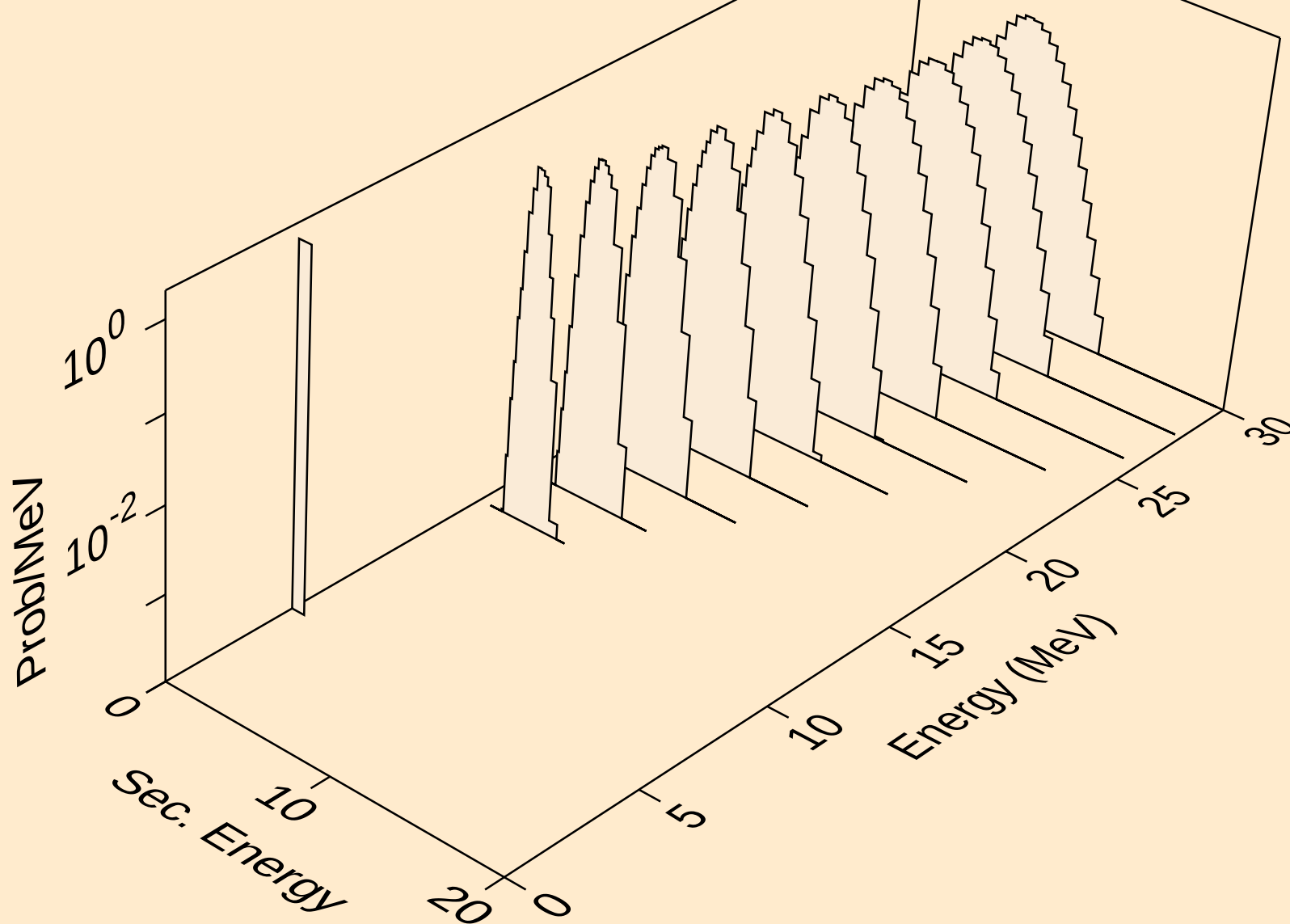
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protons from (n,p)



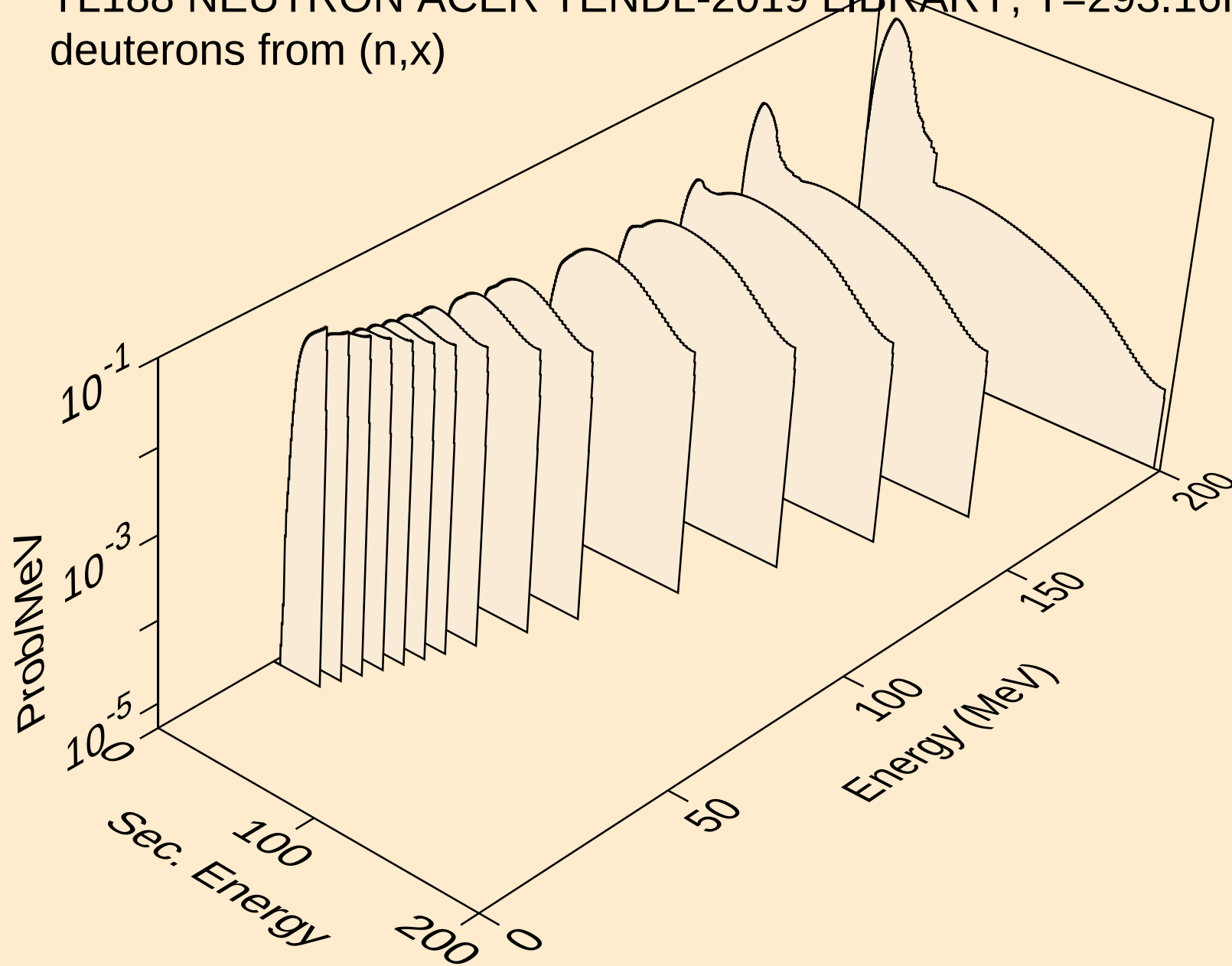
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



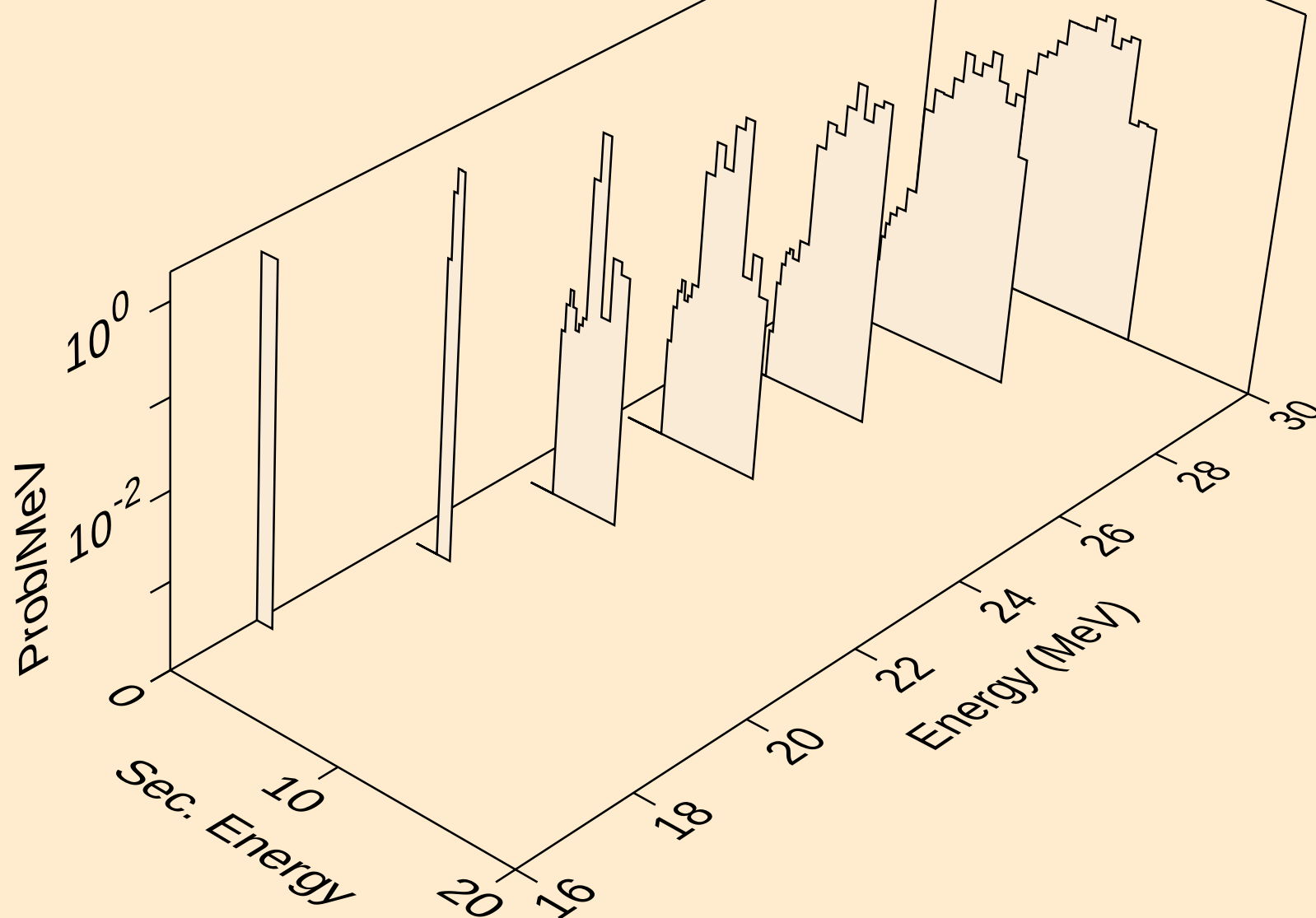
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protons from (n,pt)



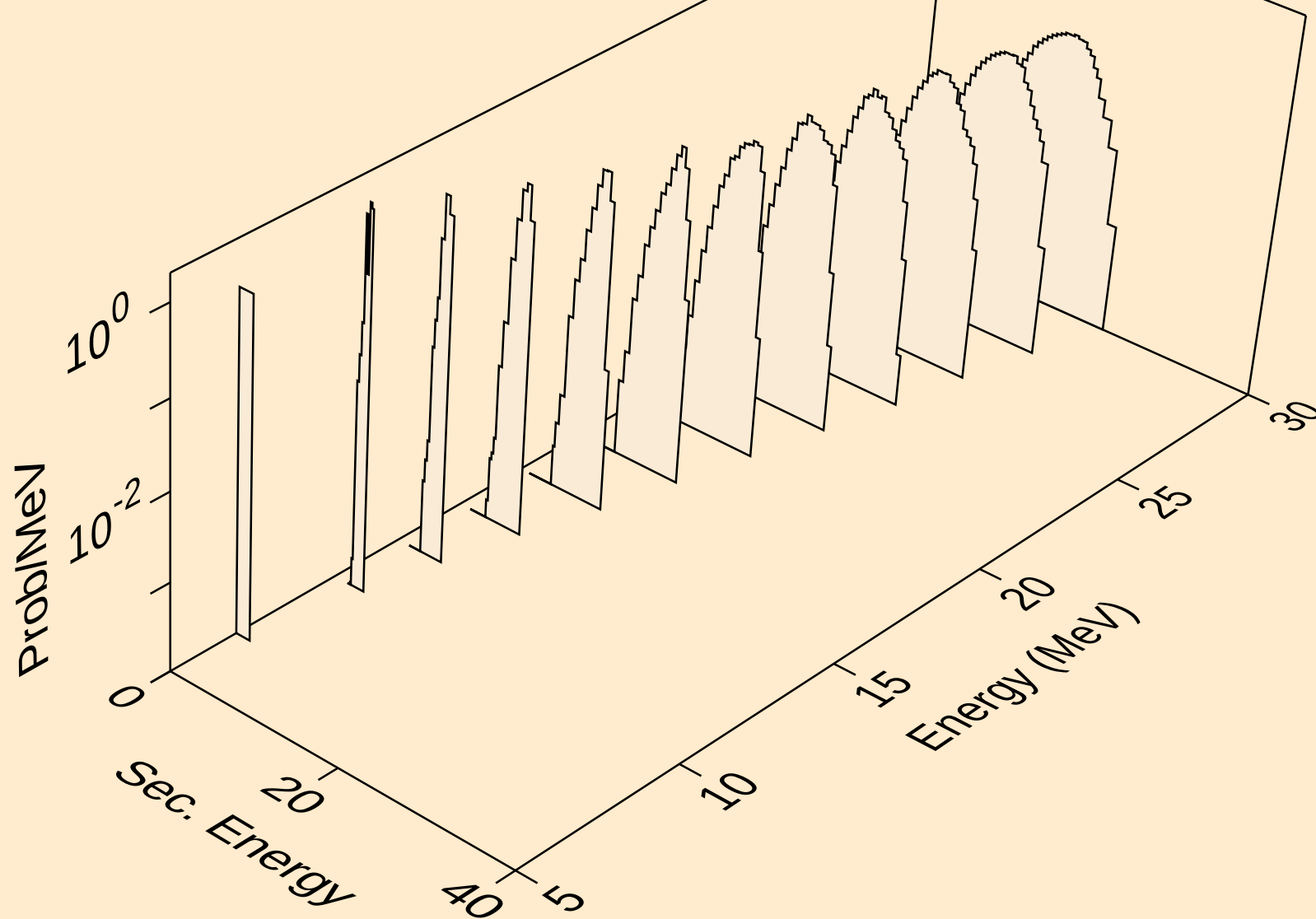
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



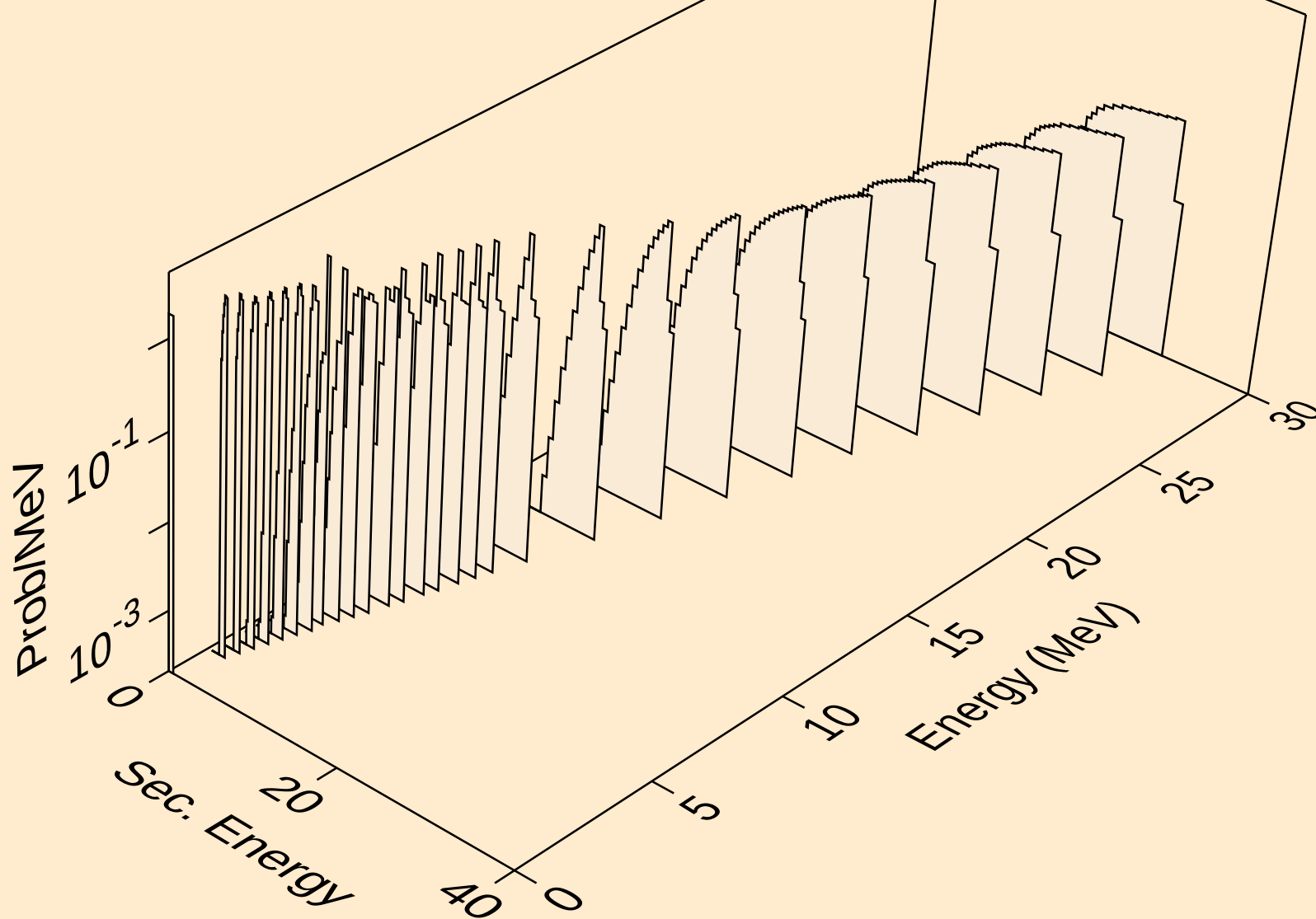
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



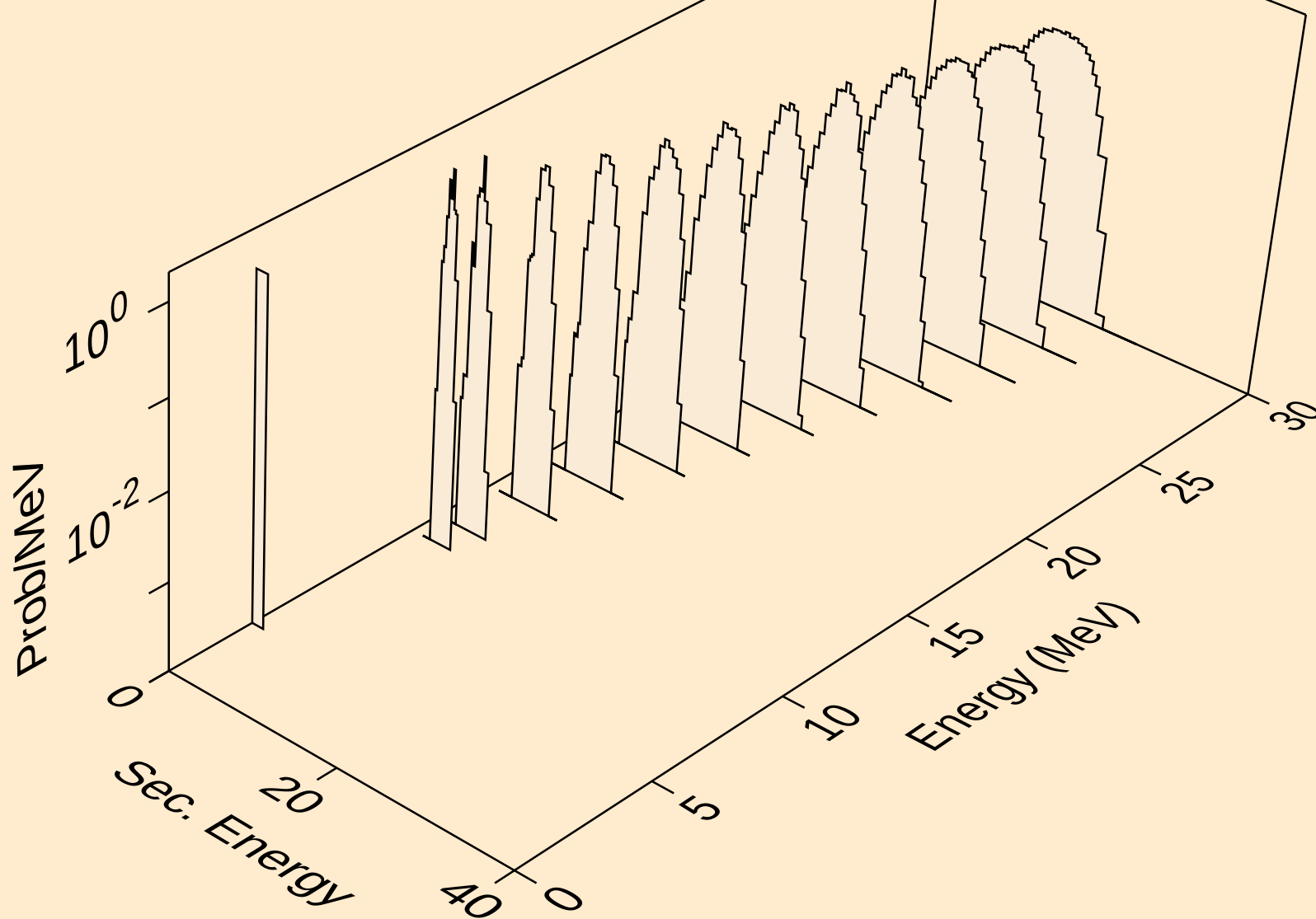
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



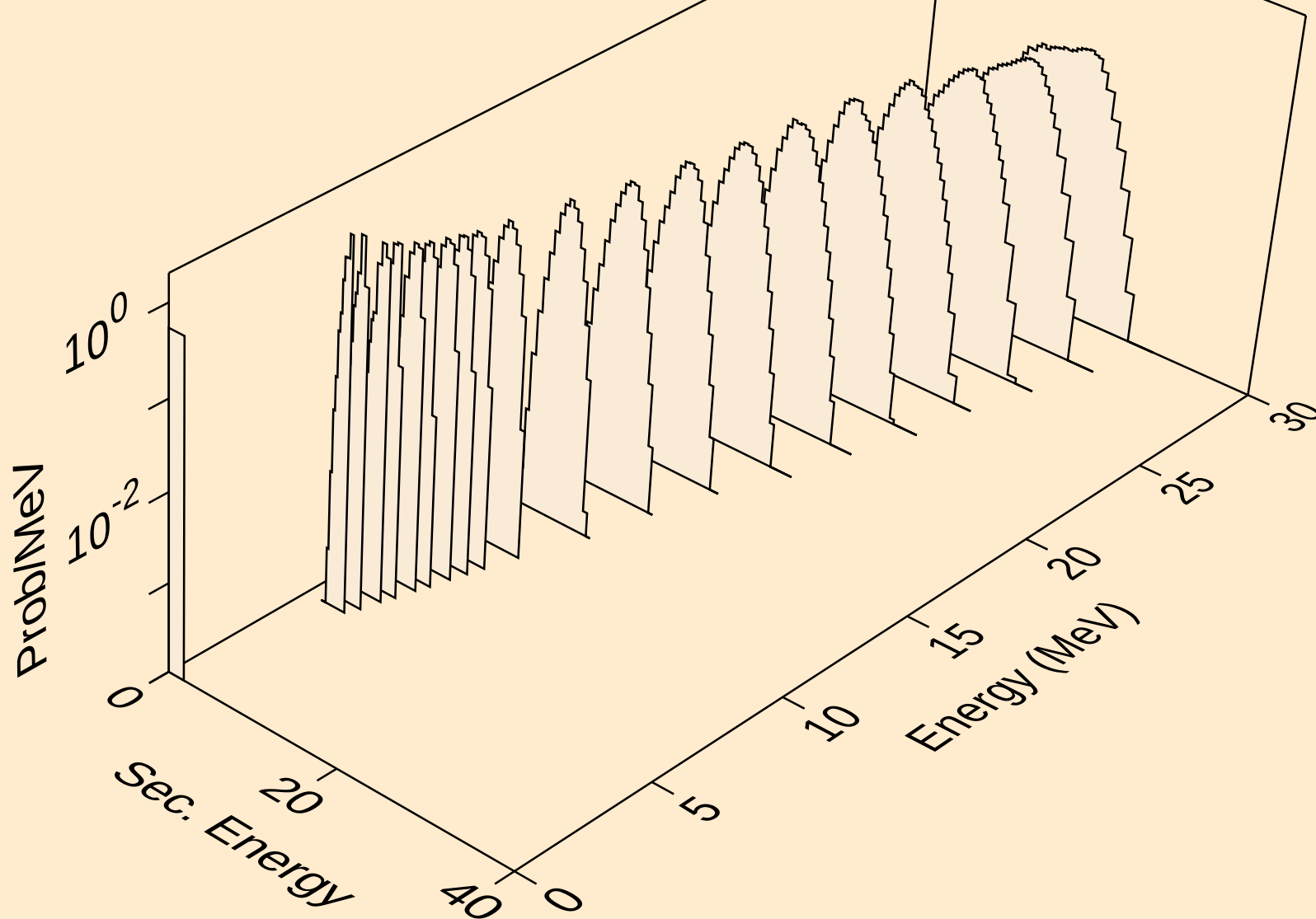
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deuterons from (n,d)



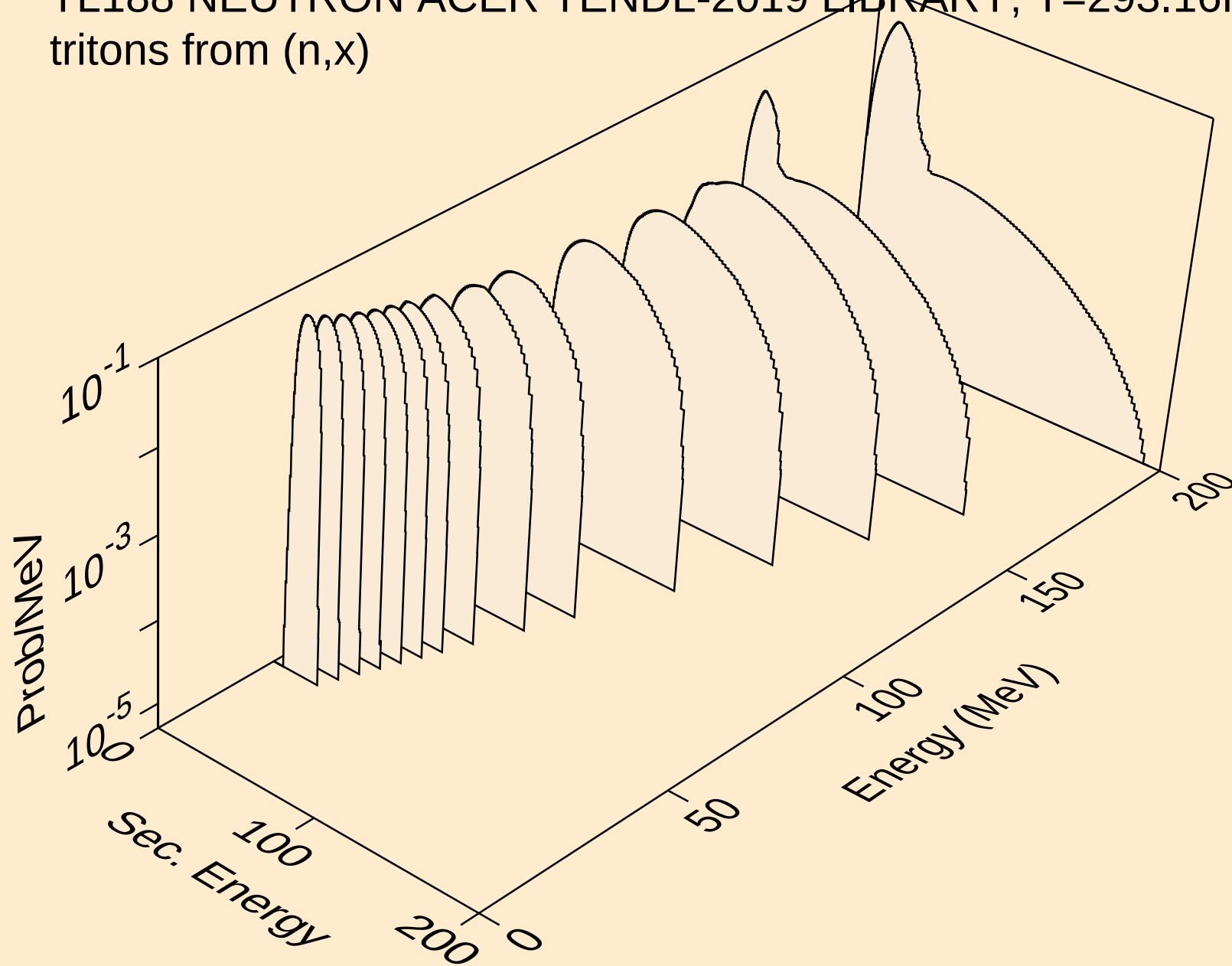
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



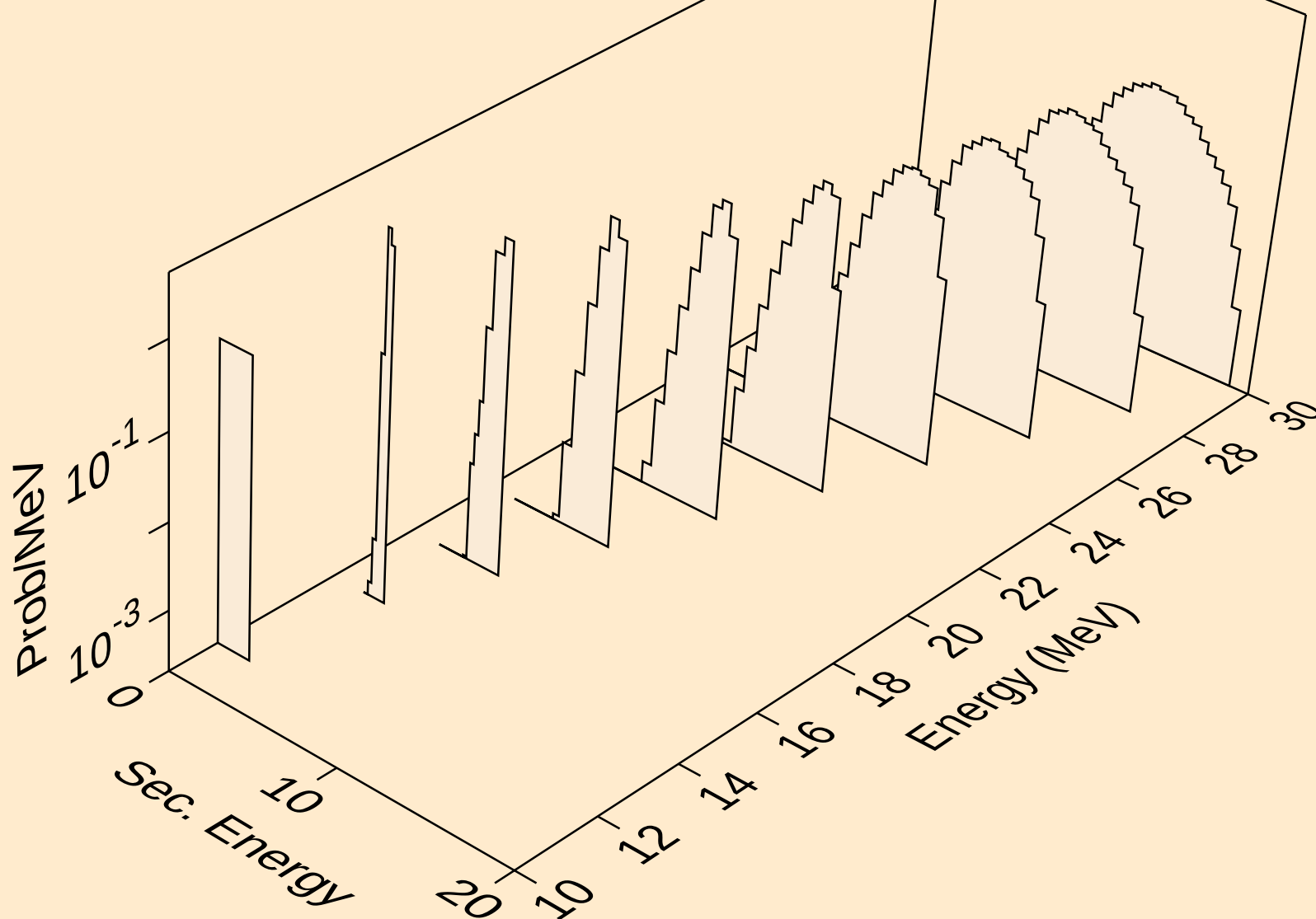
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



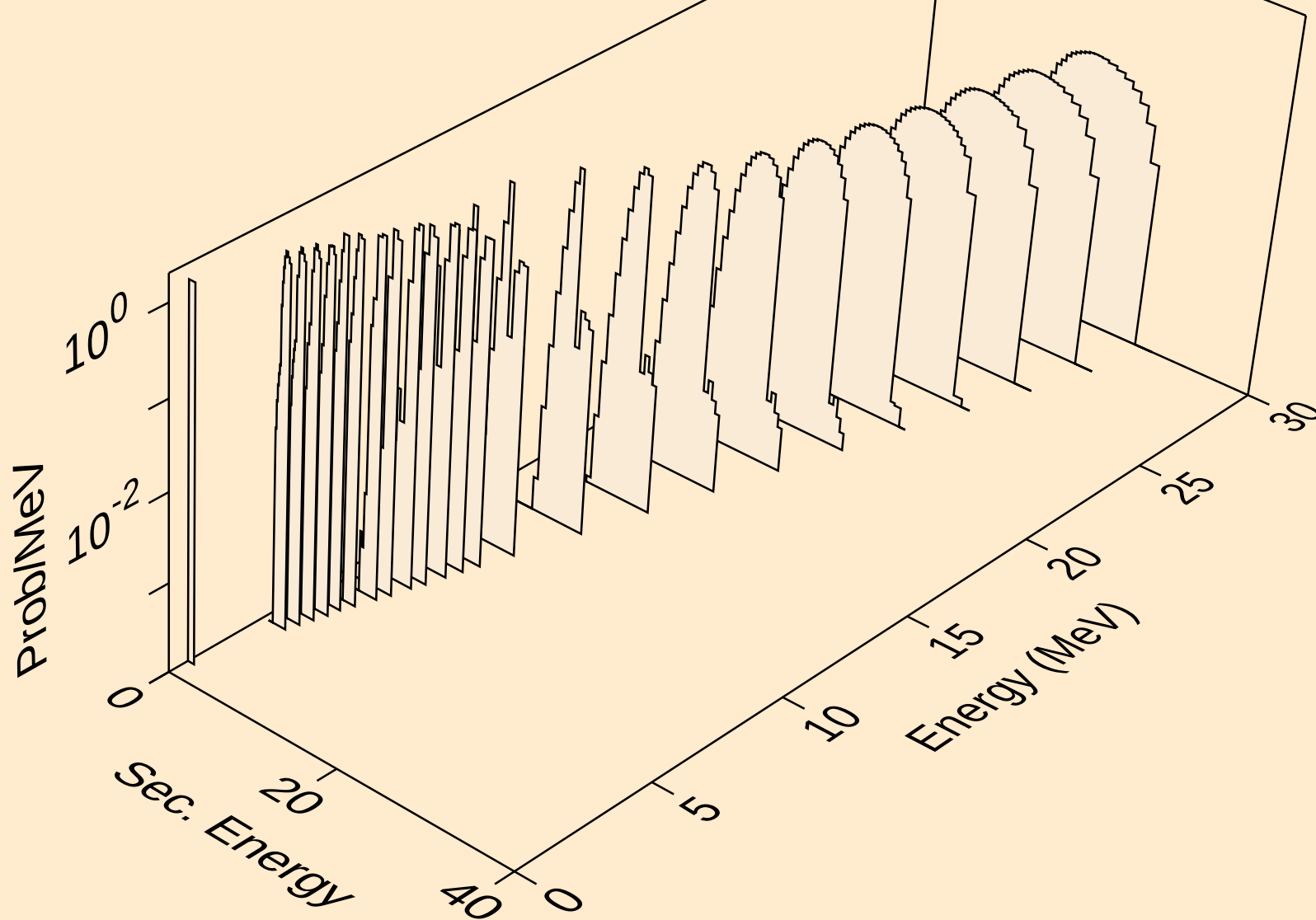
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



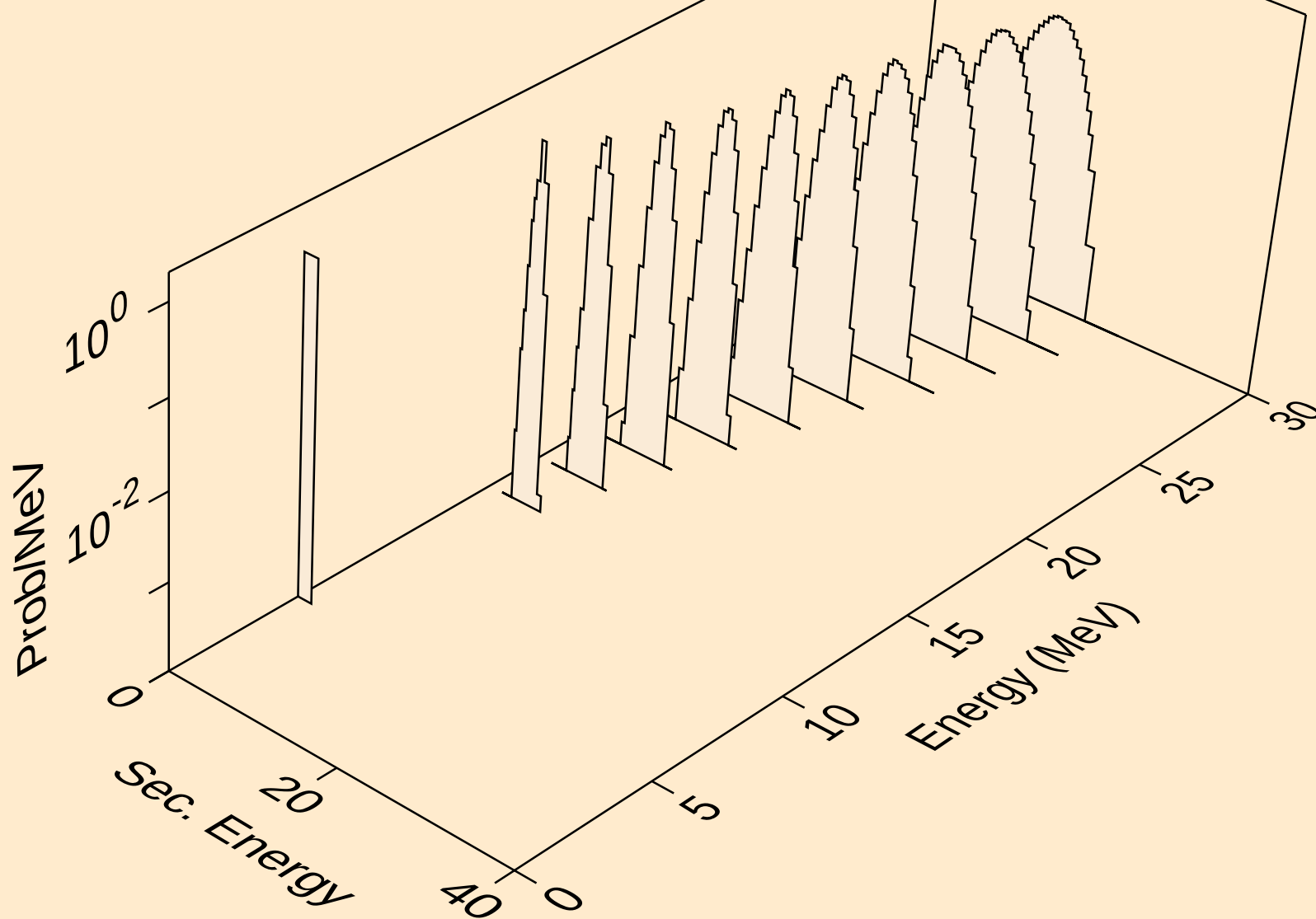
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



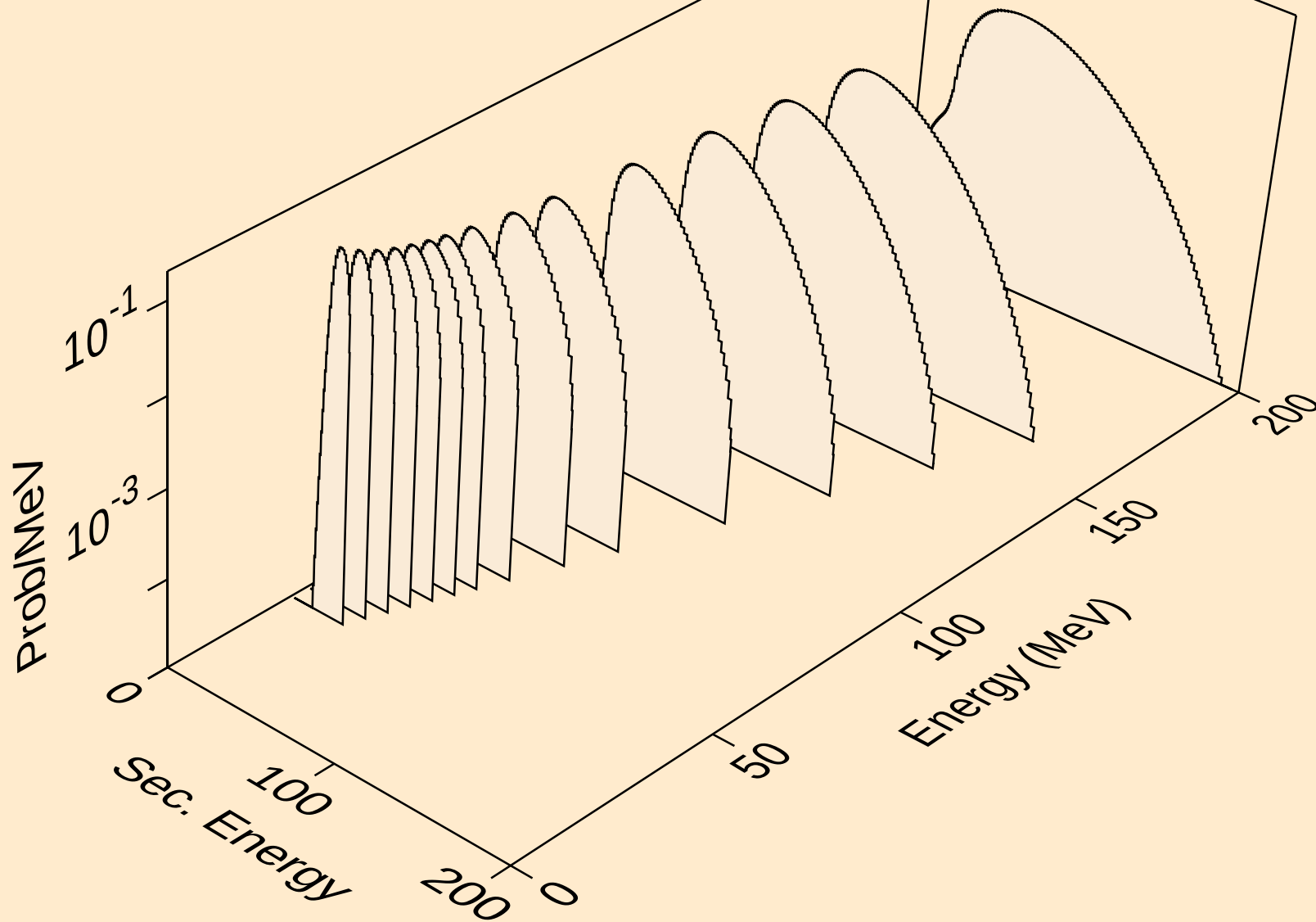
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



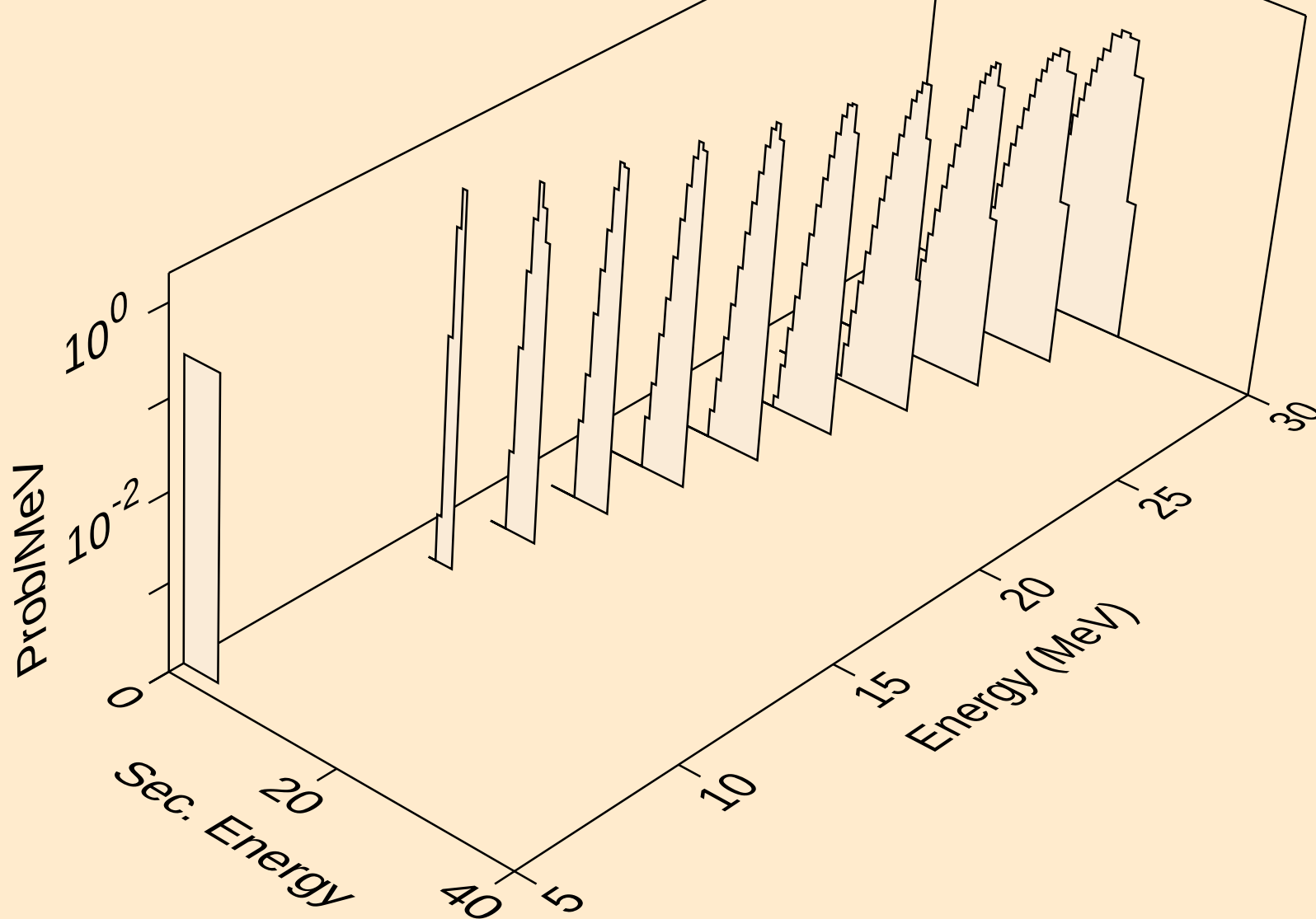
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



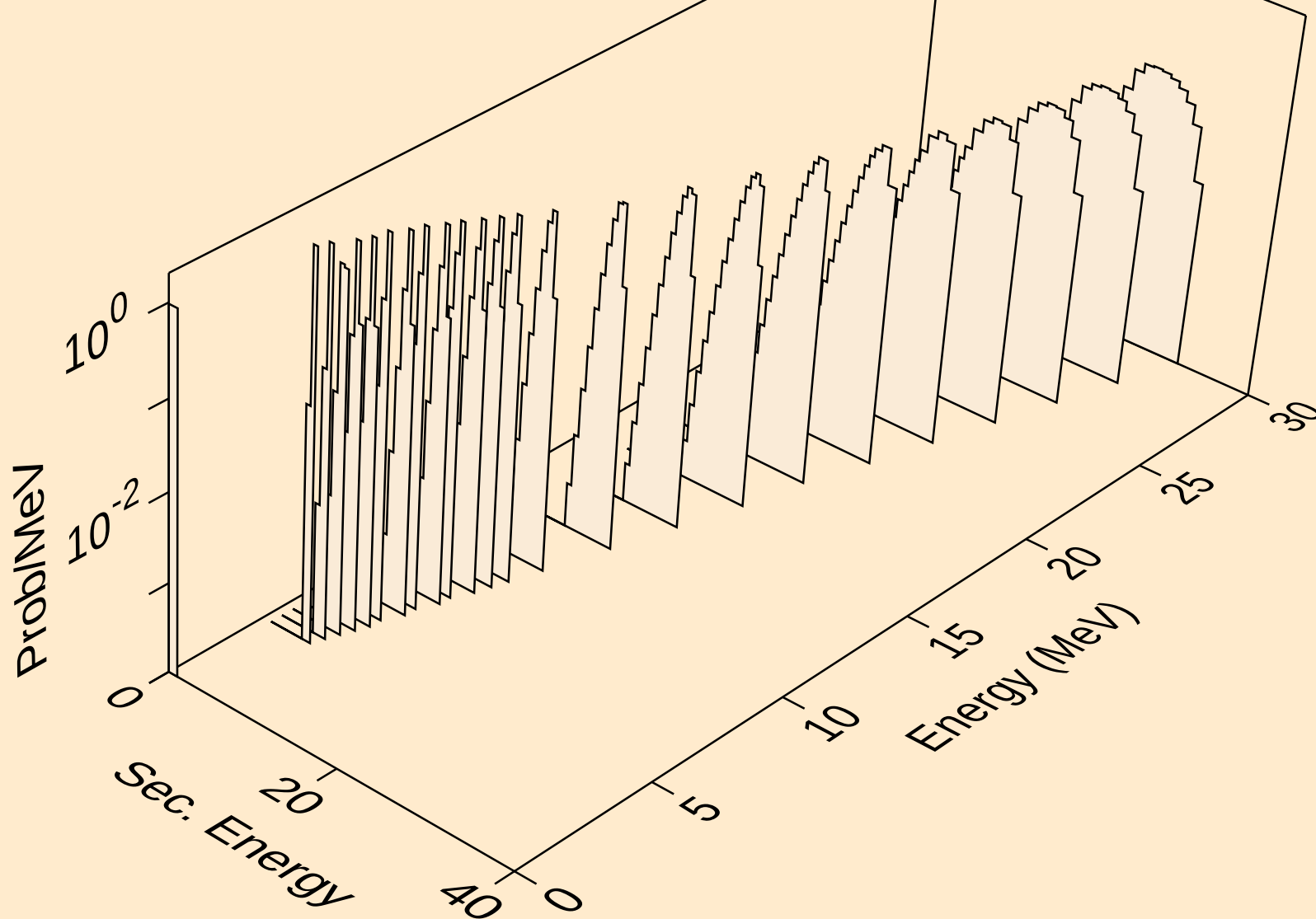
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



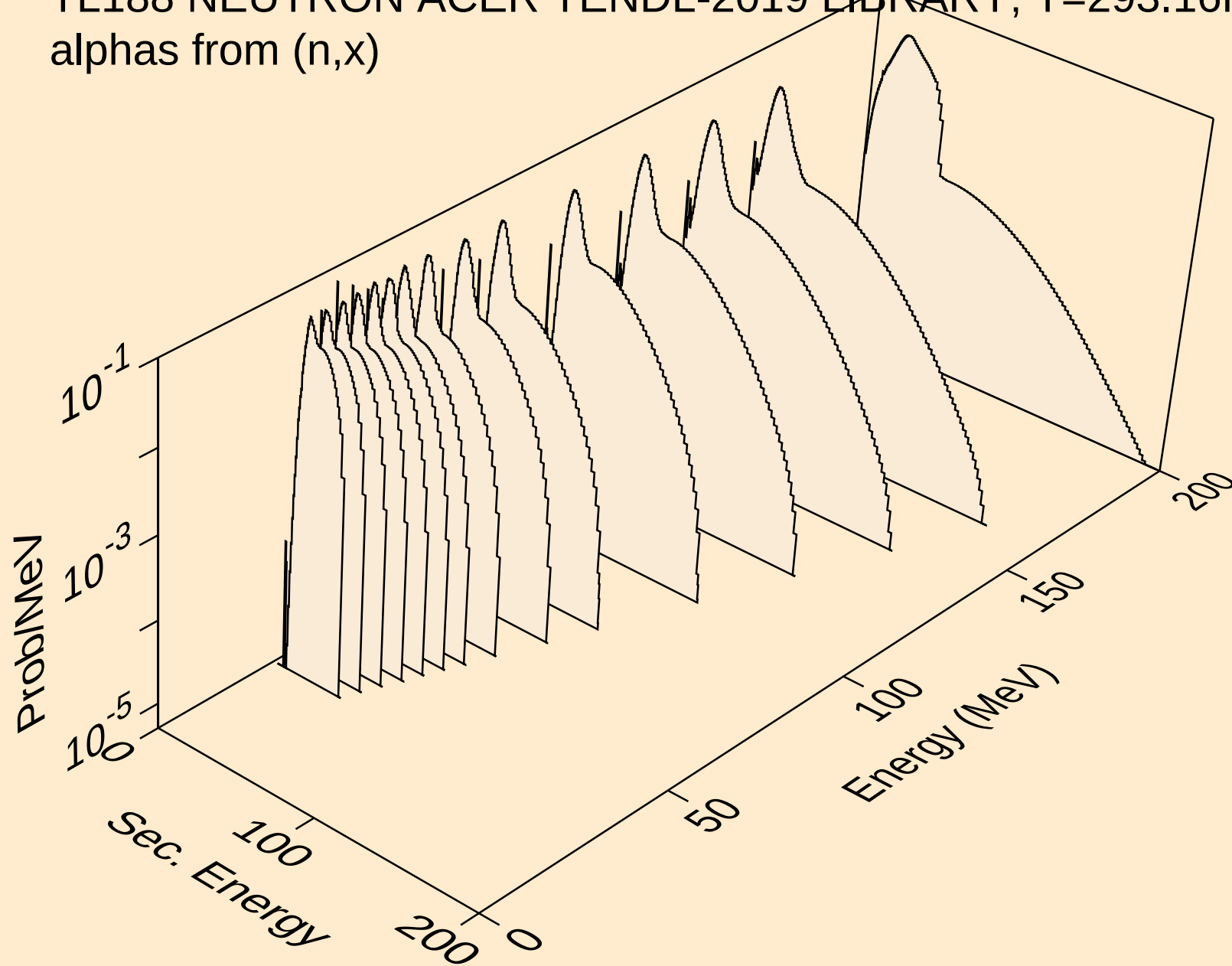
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



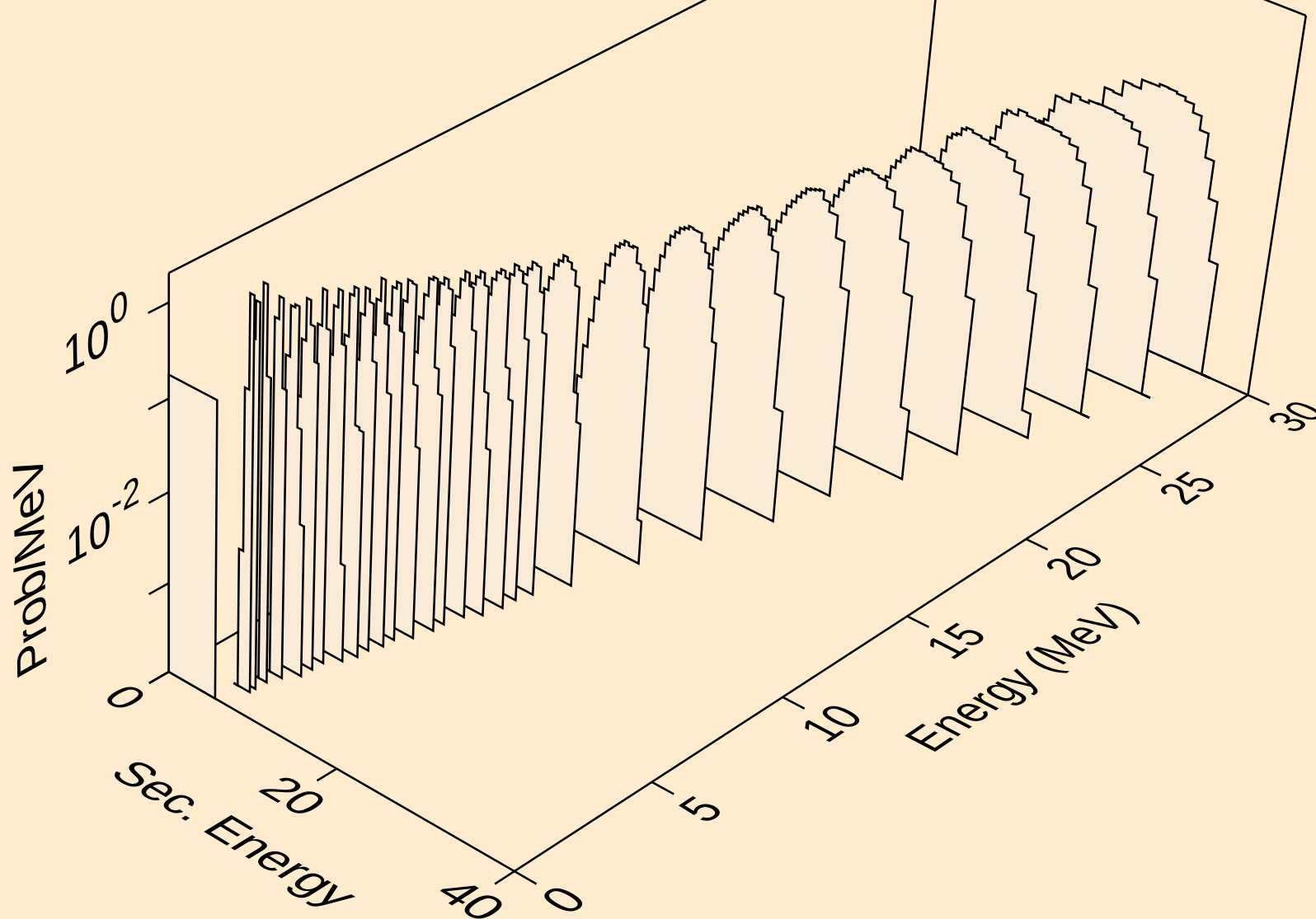
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



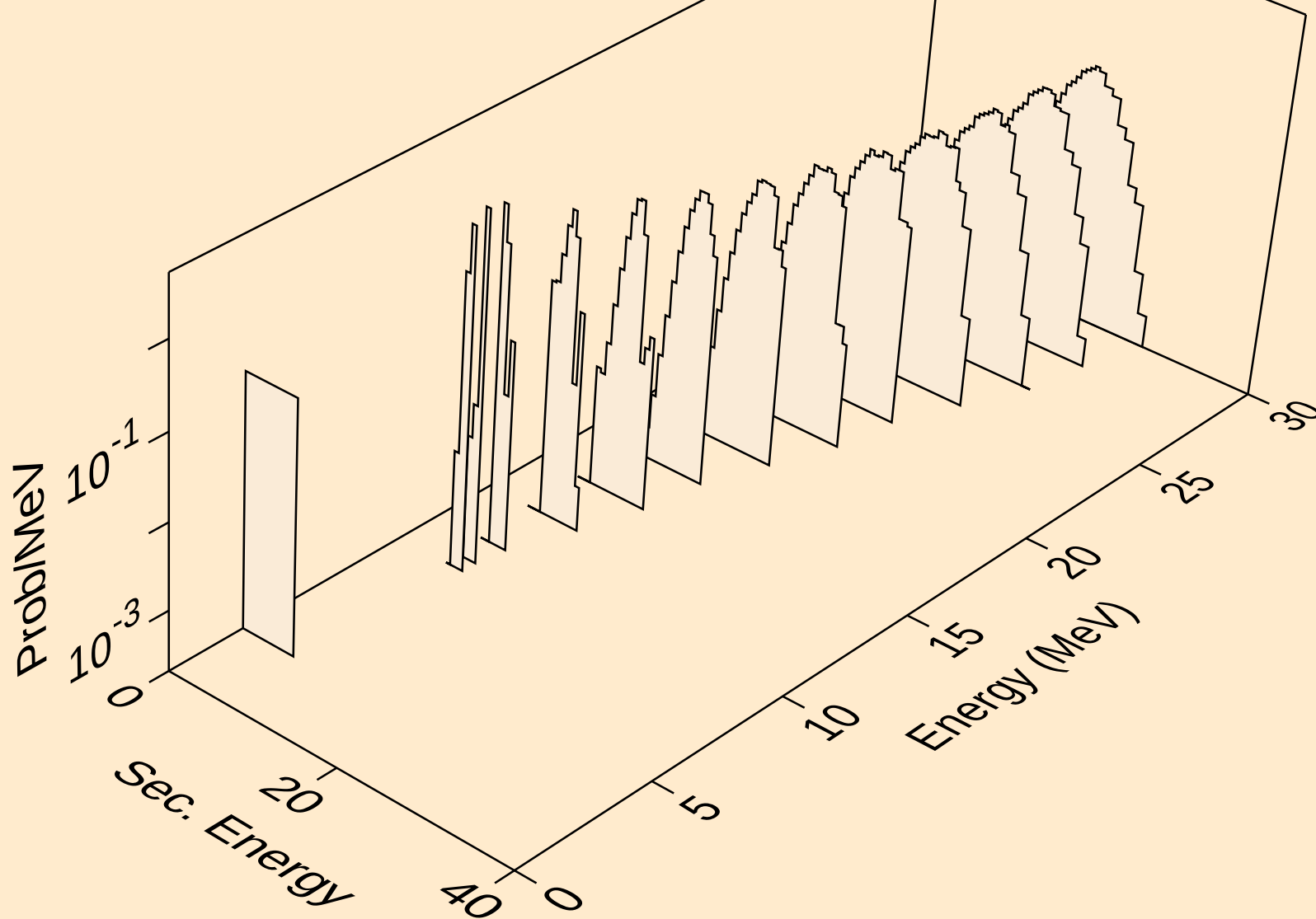
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



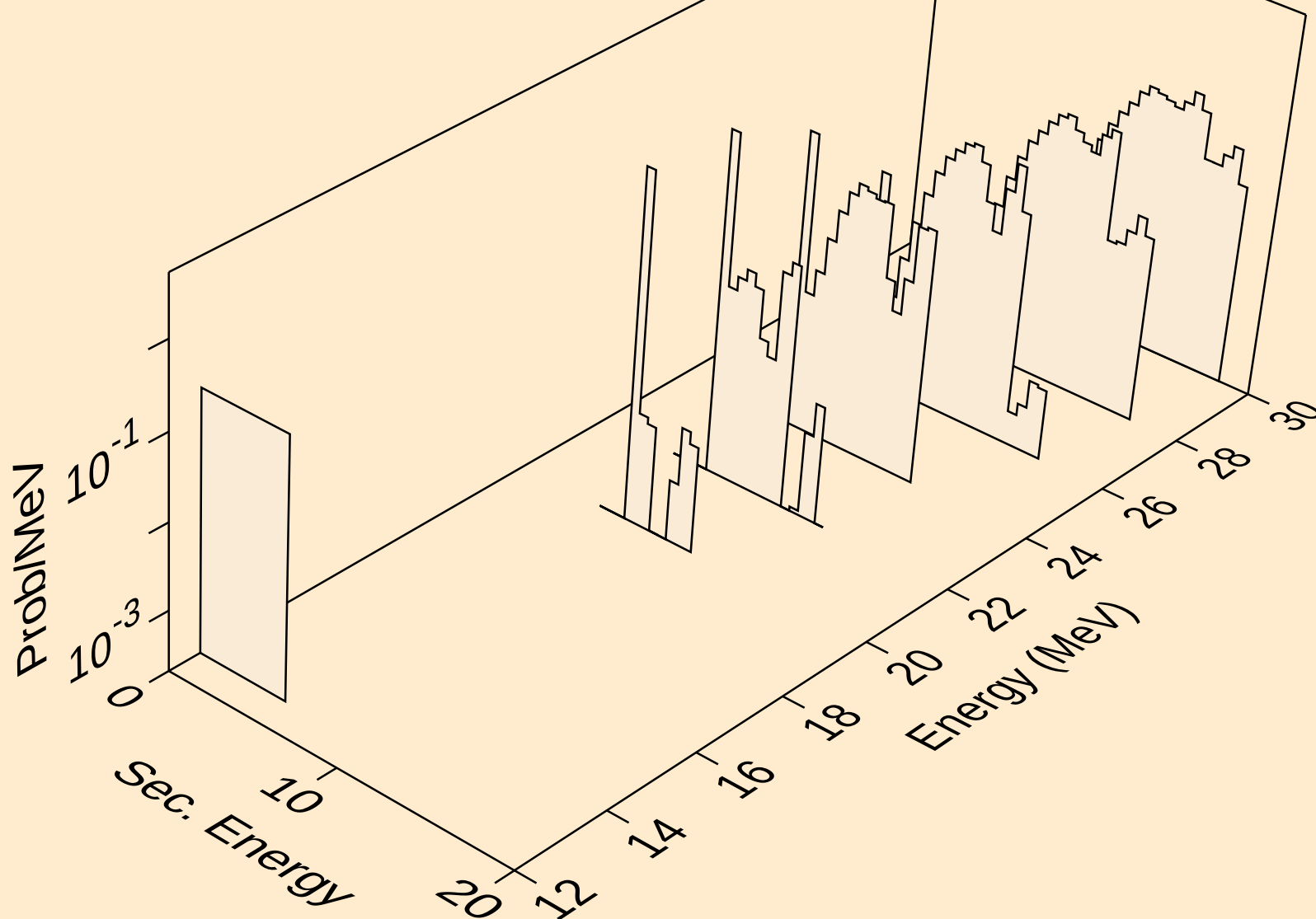
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



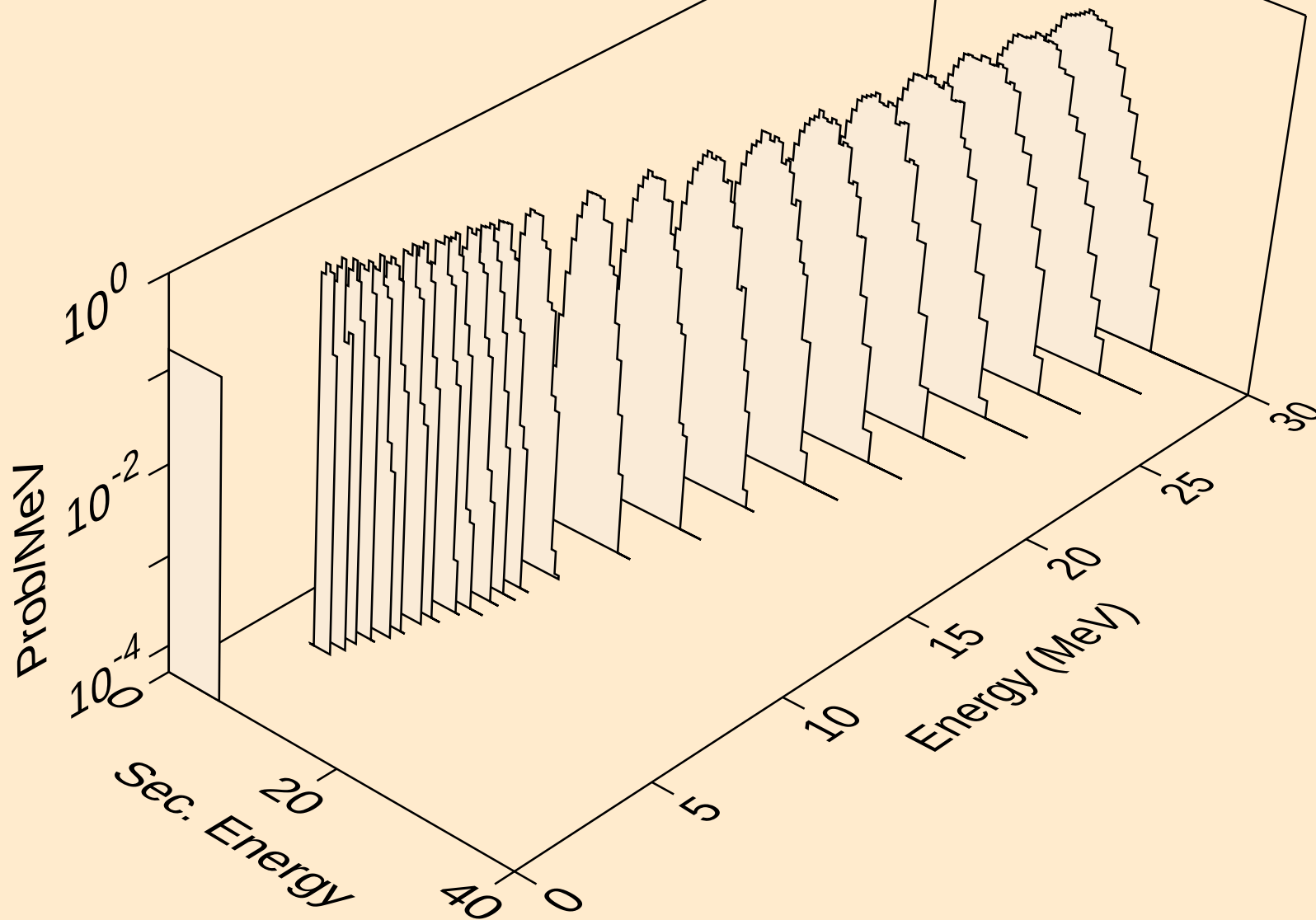
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



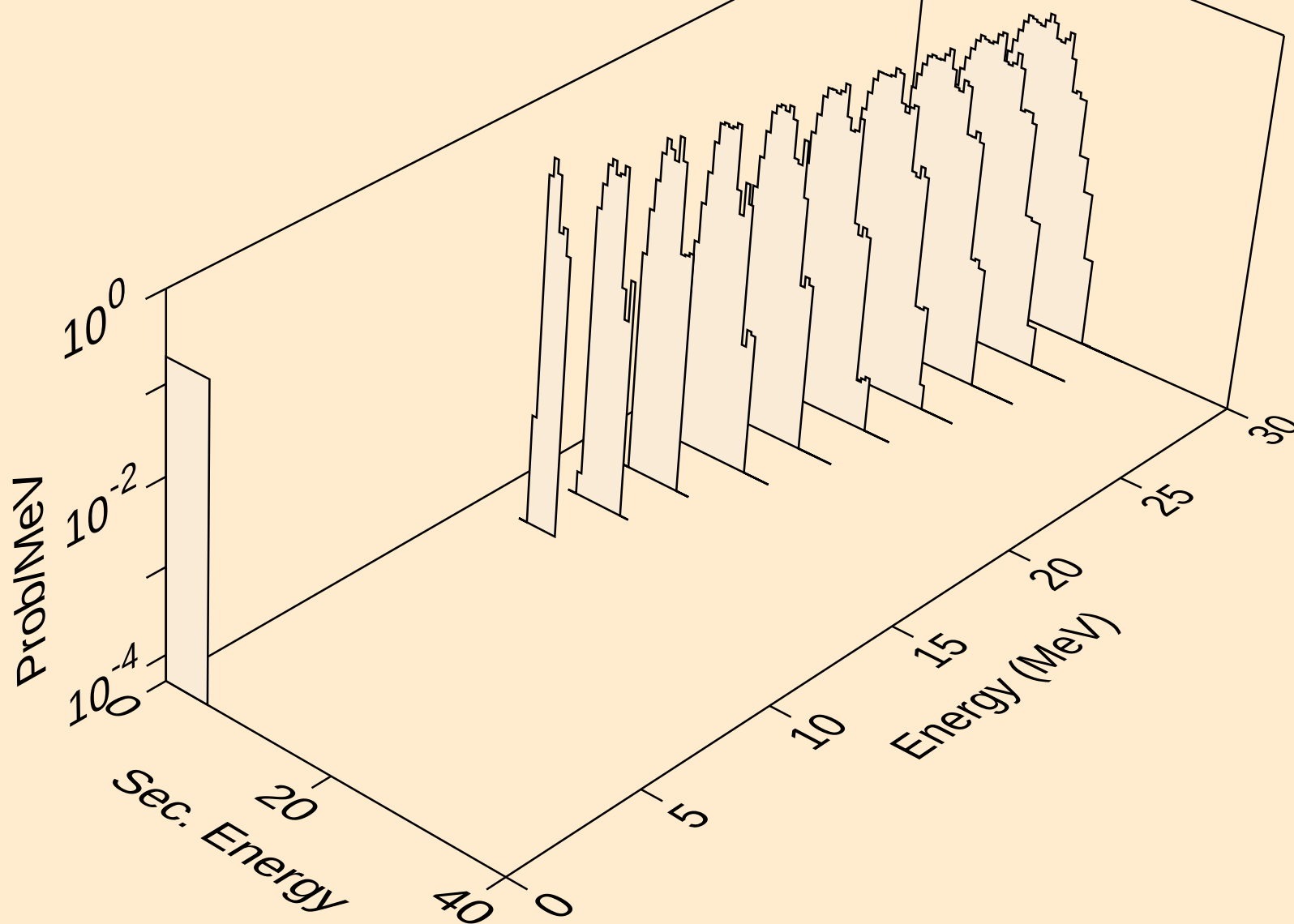
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



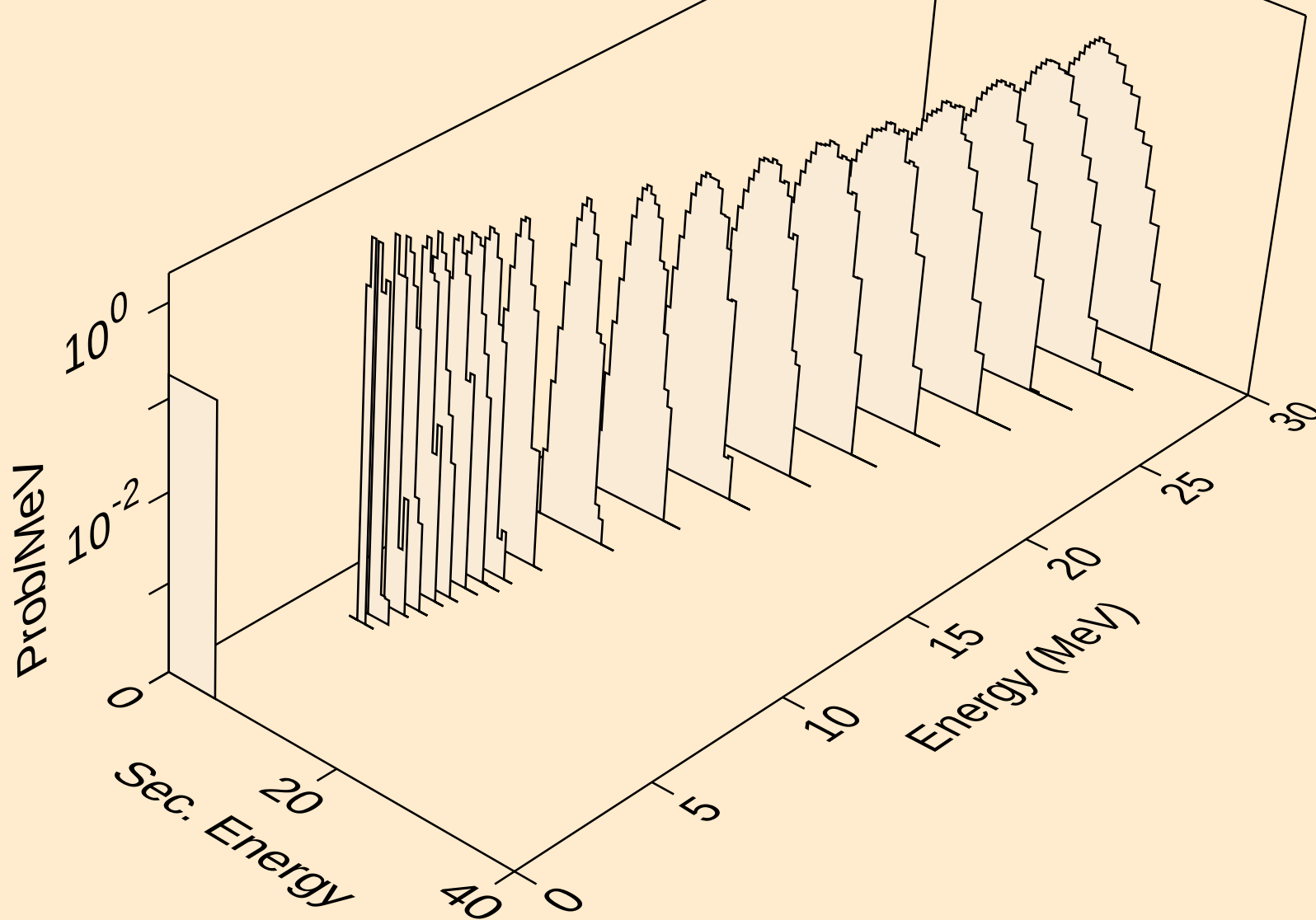
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



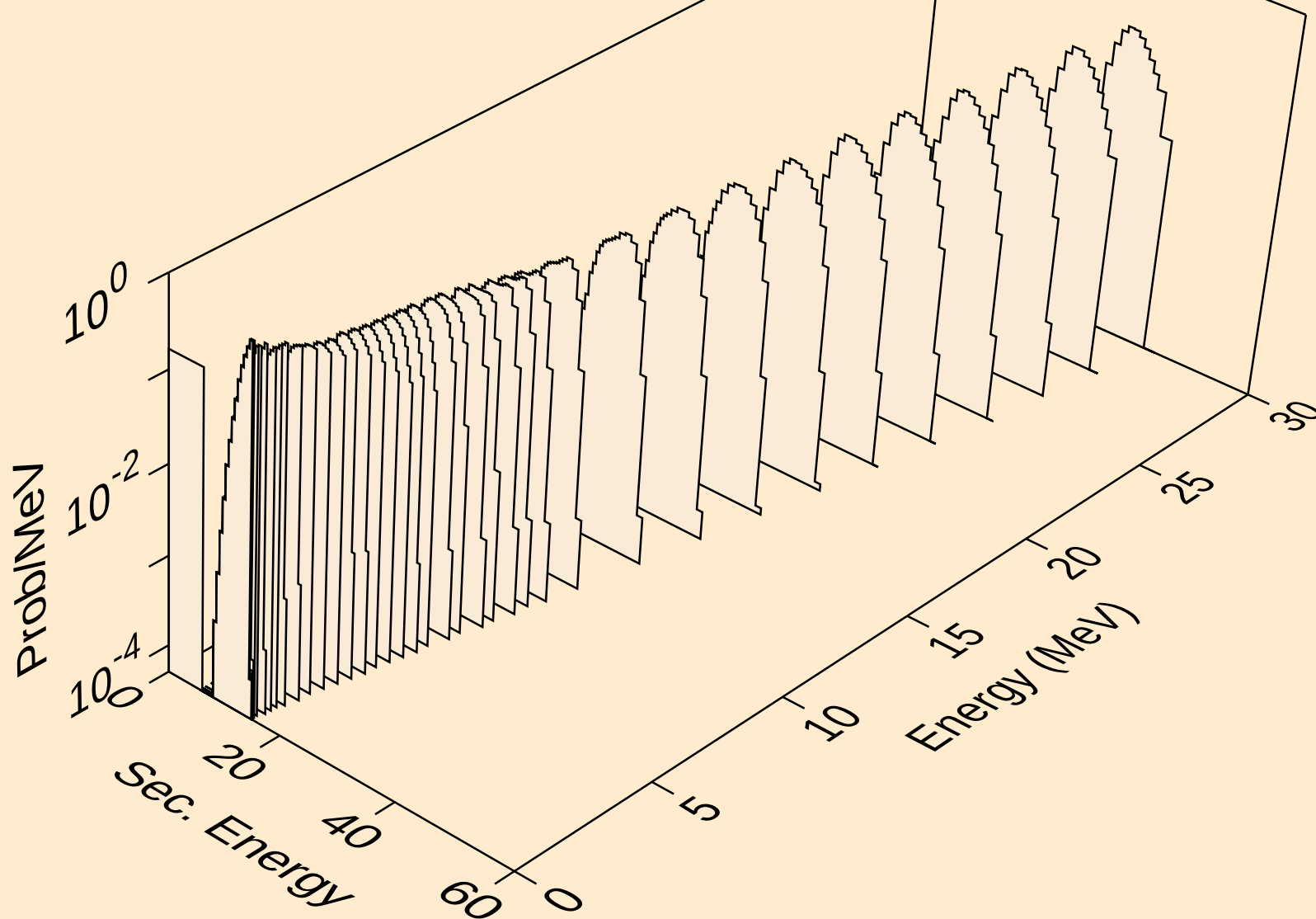
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



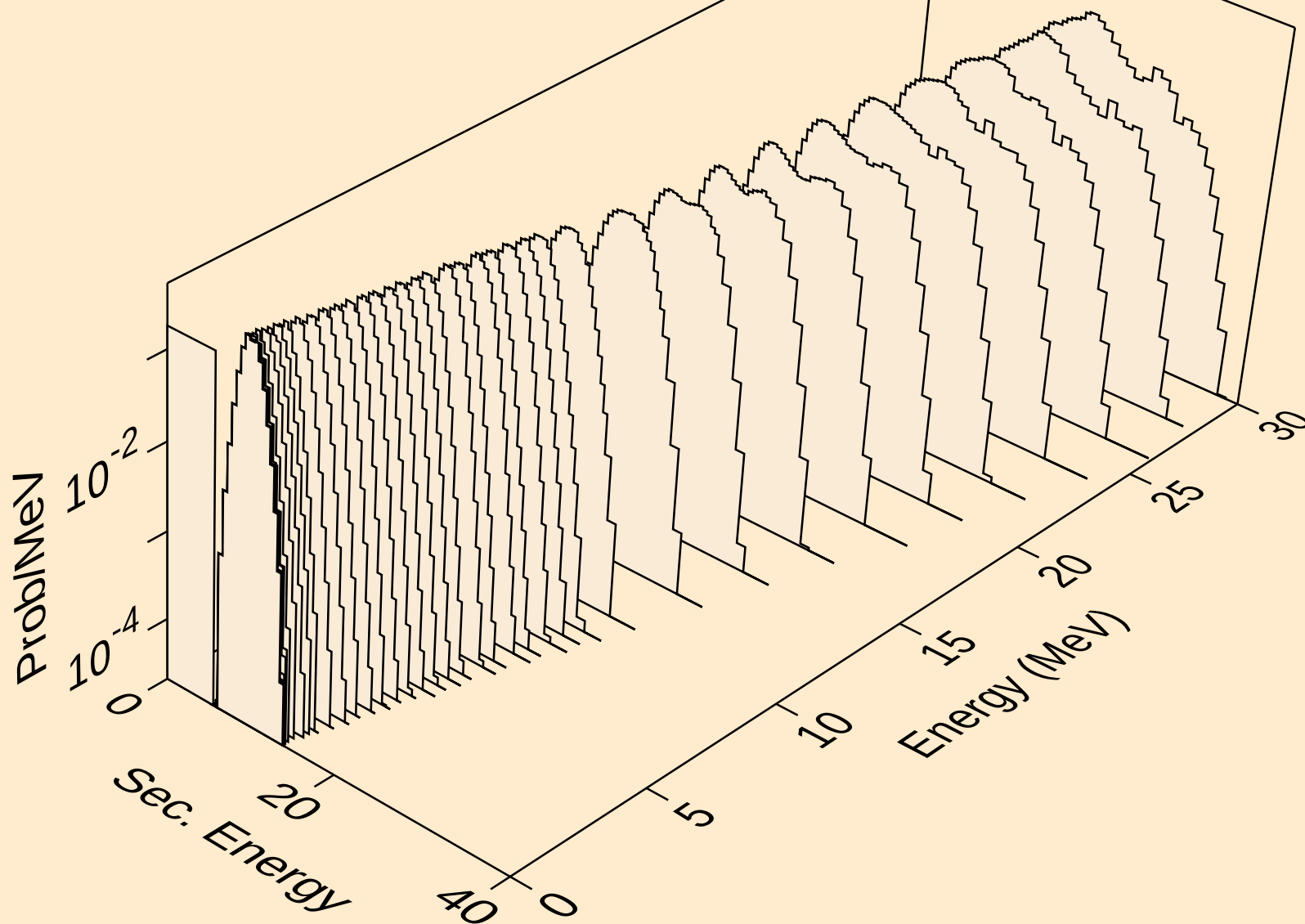
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



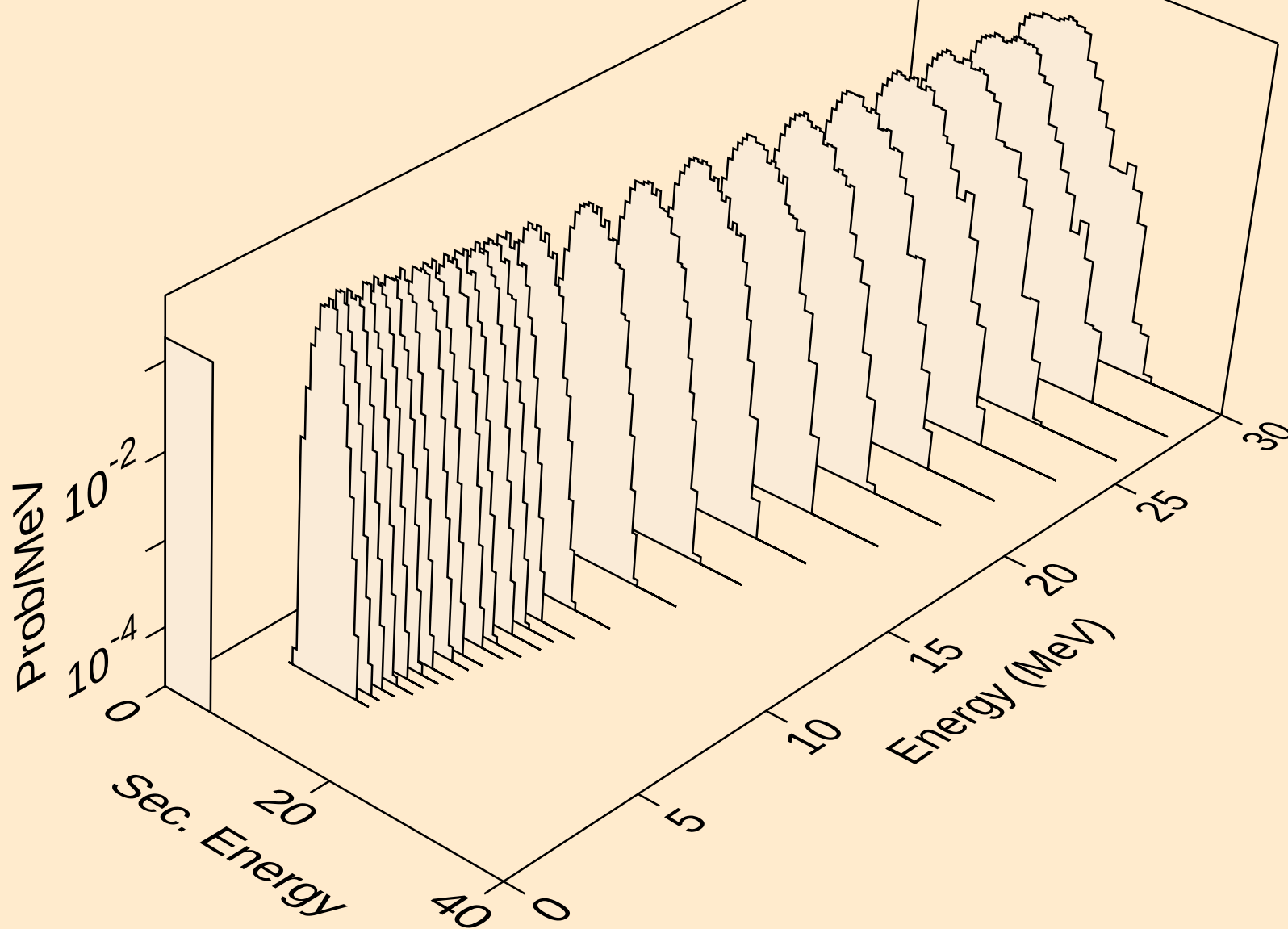
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



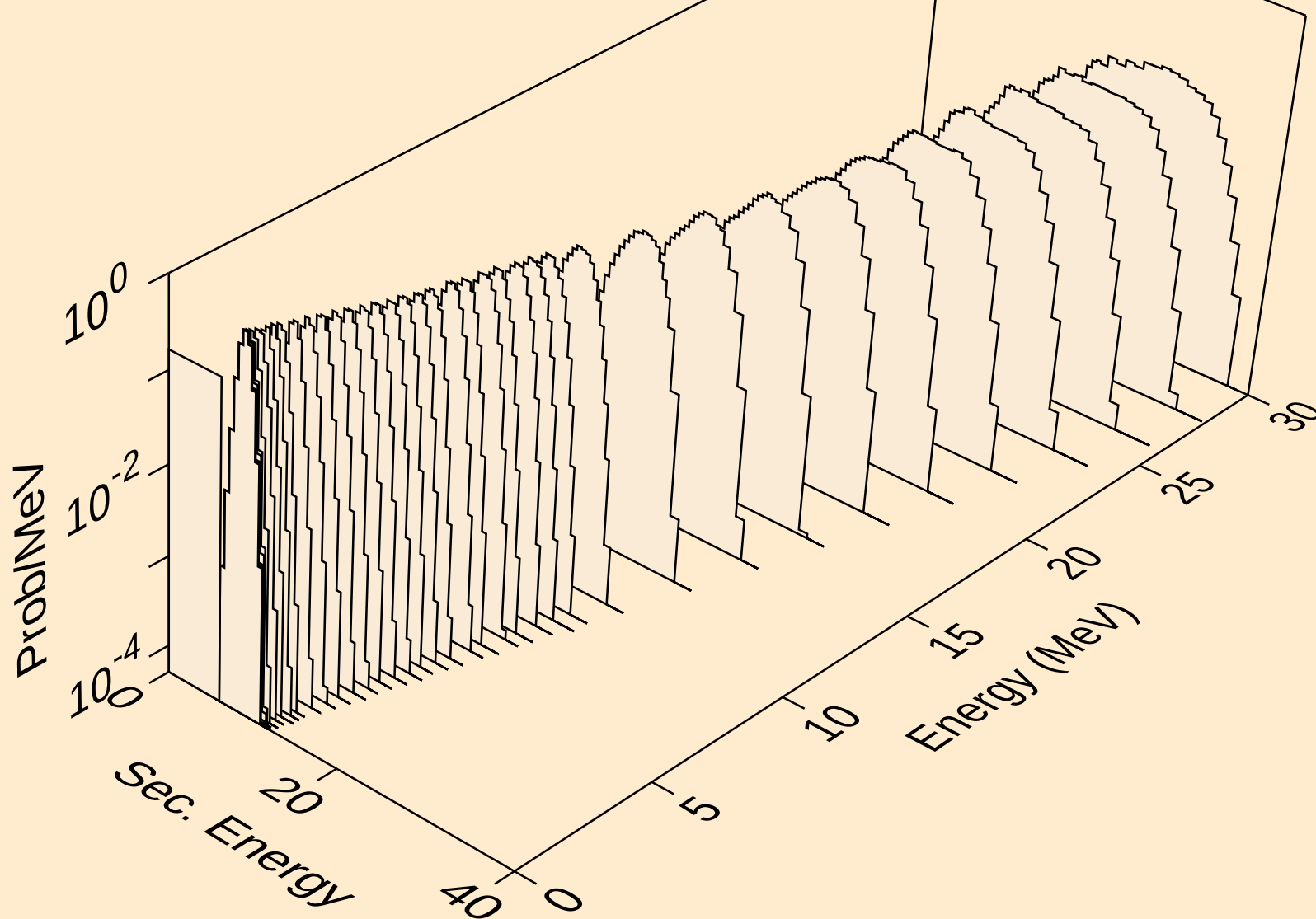
TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,p)



TL188 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

