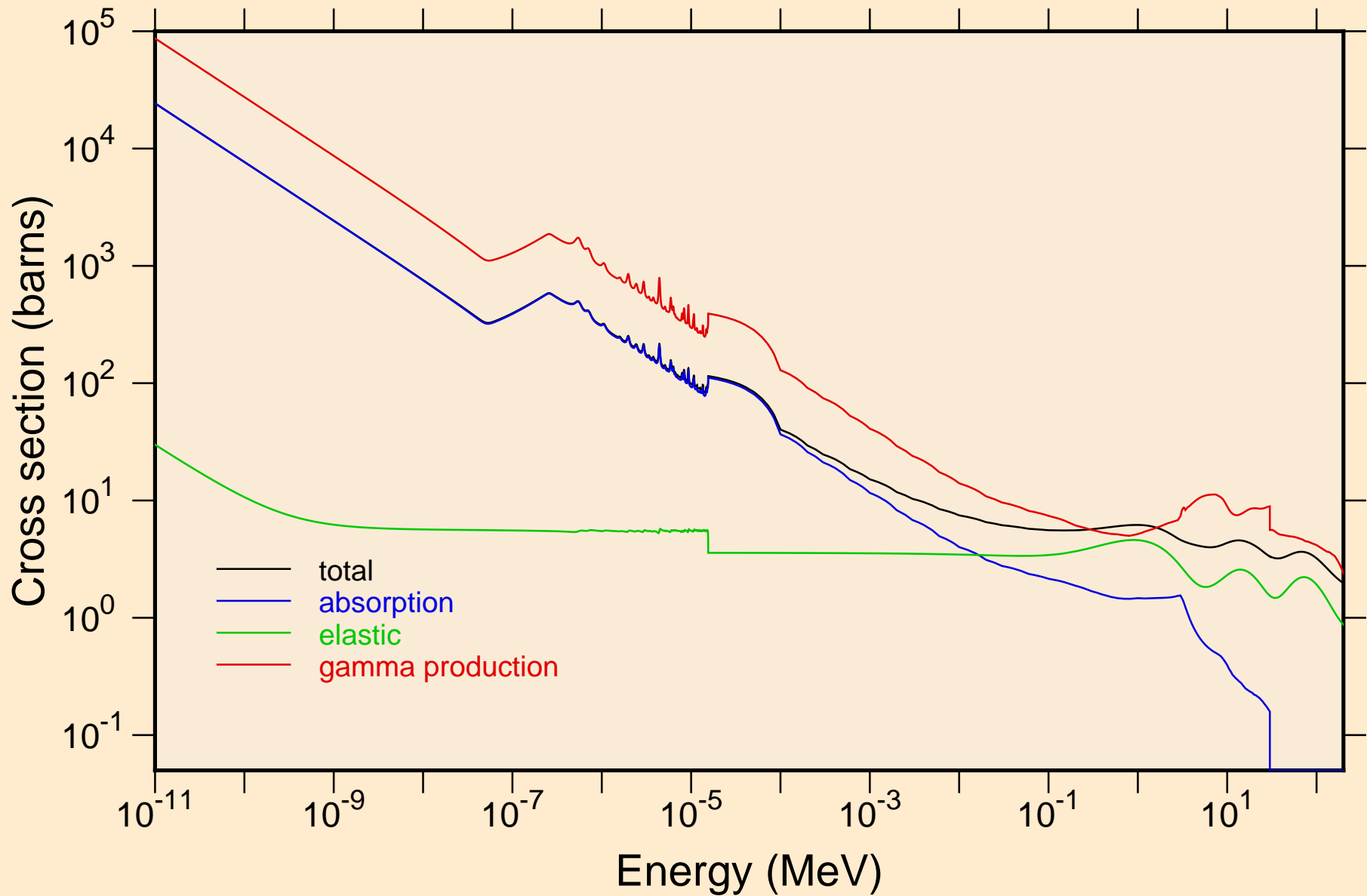
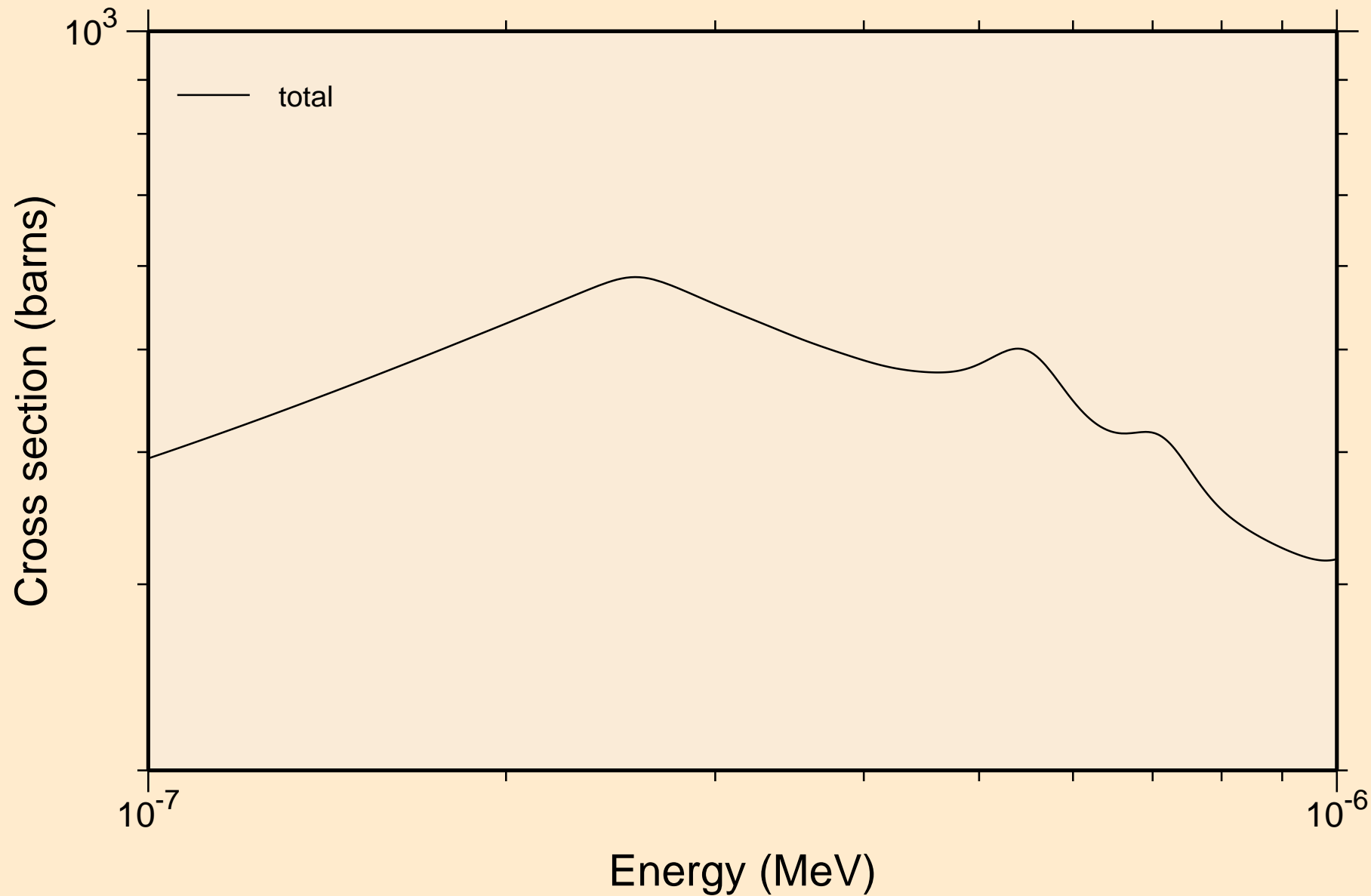


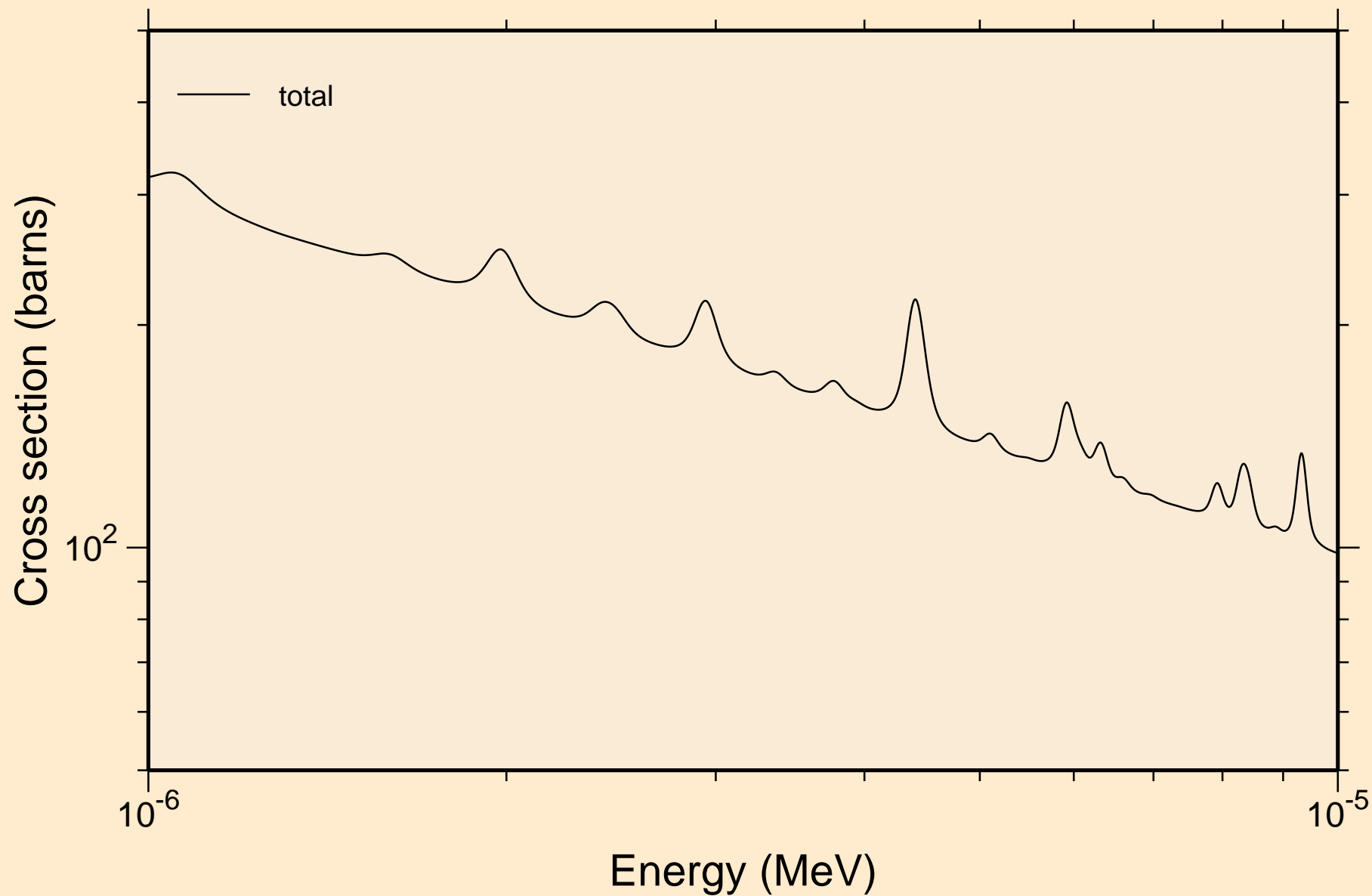
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



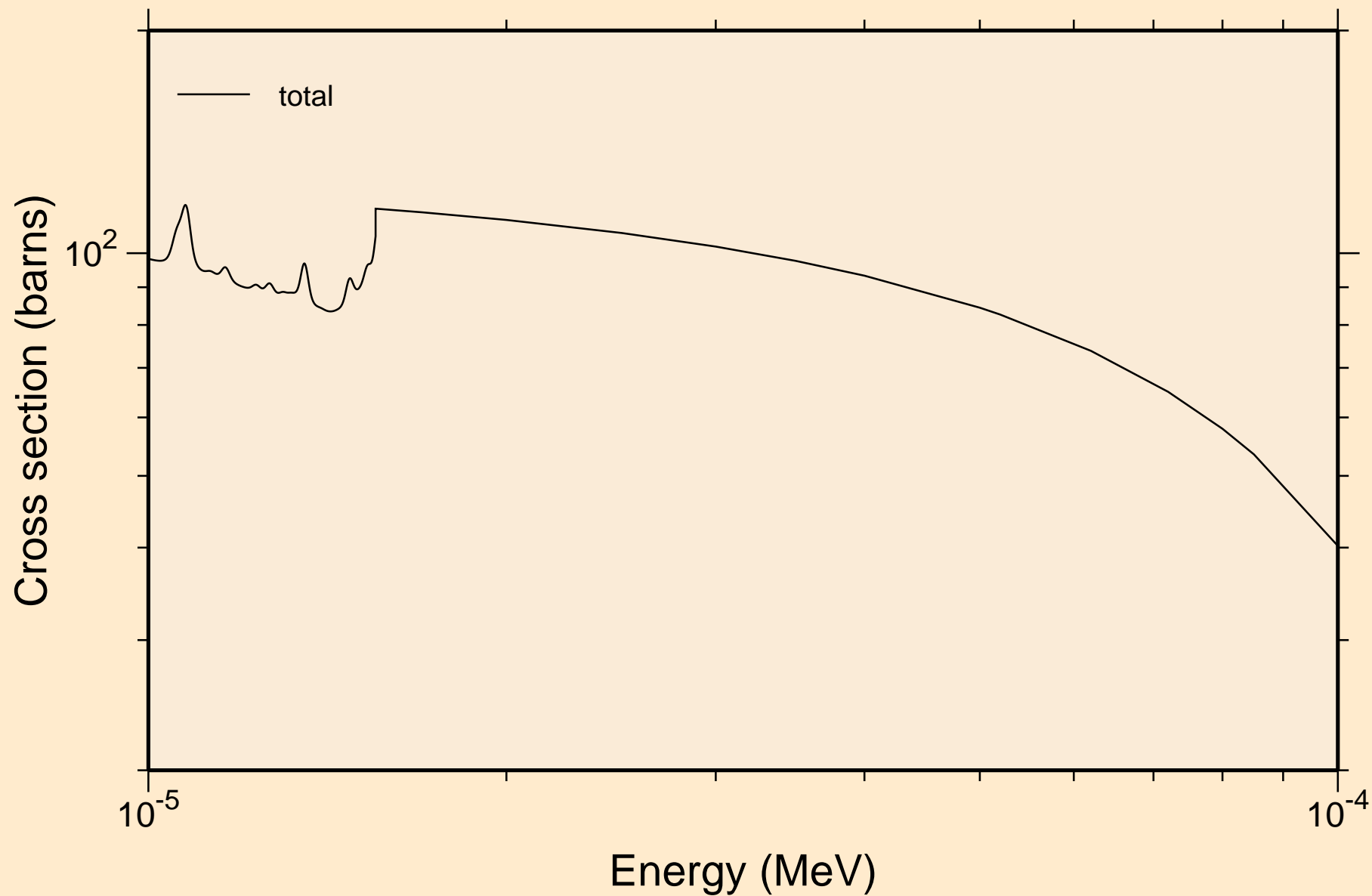
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resonance total cross section



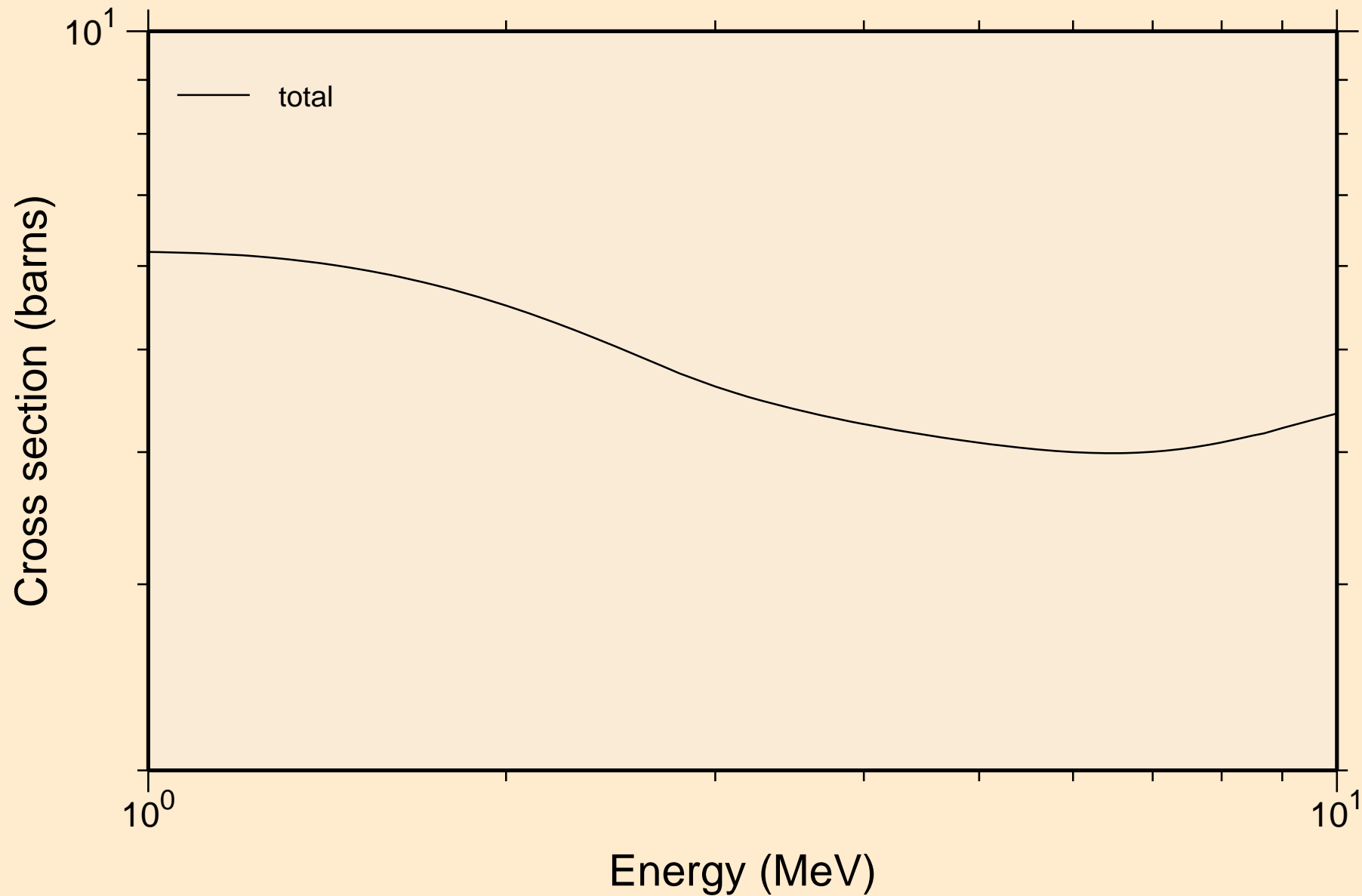
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resonance total cross section



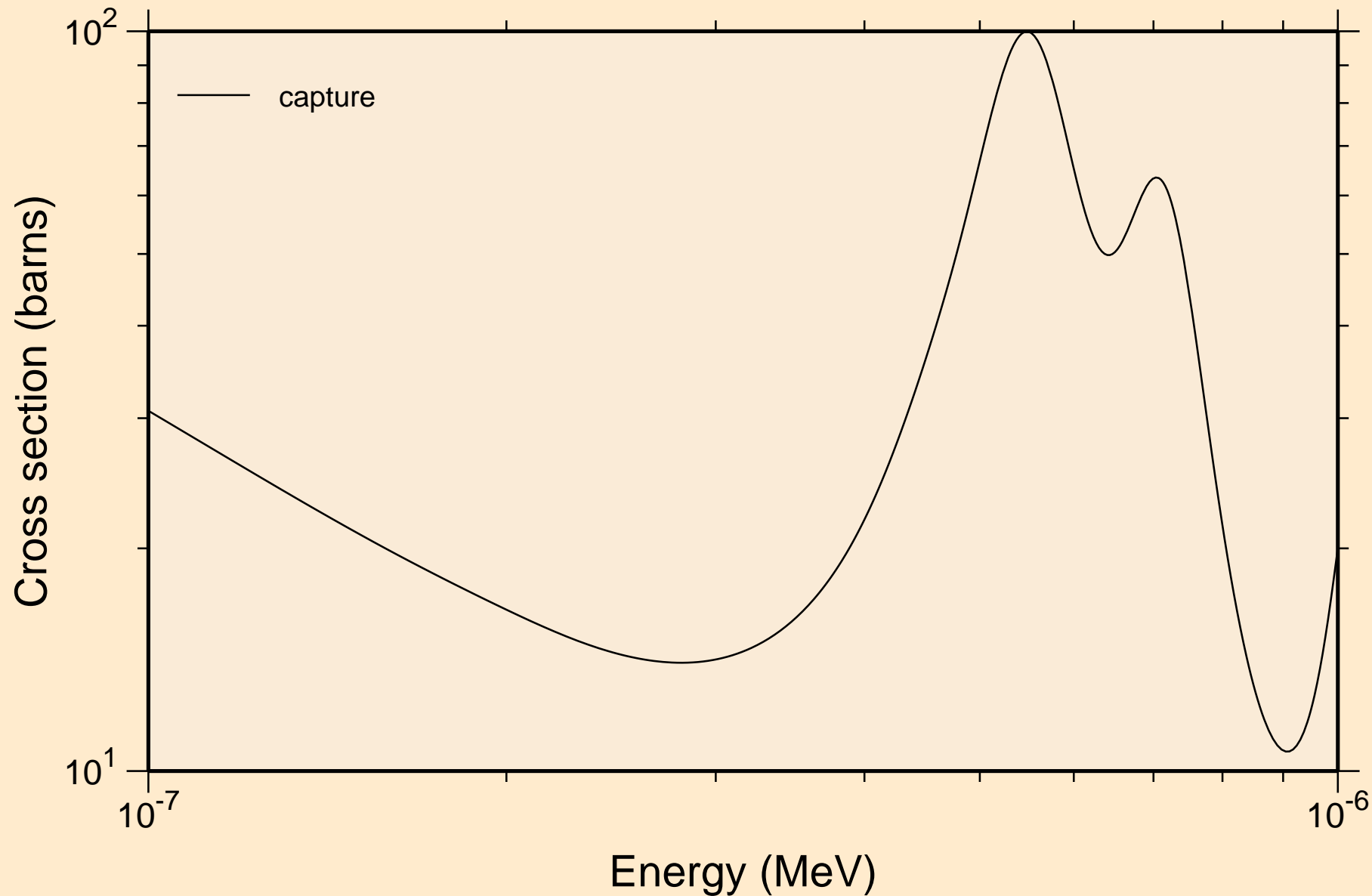
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resonance total cross section



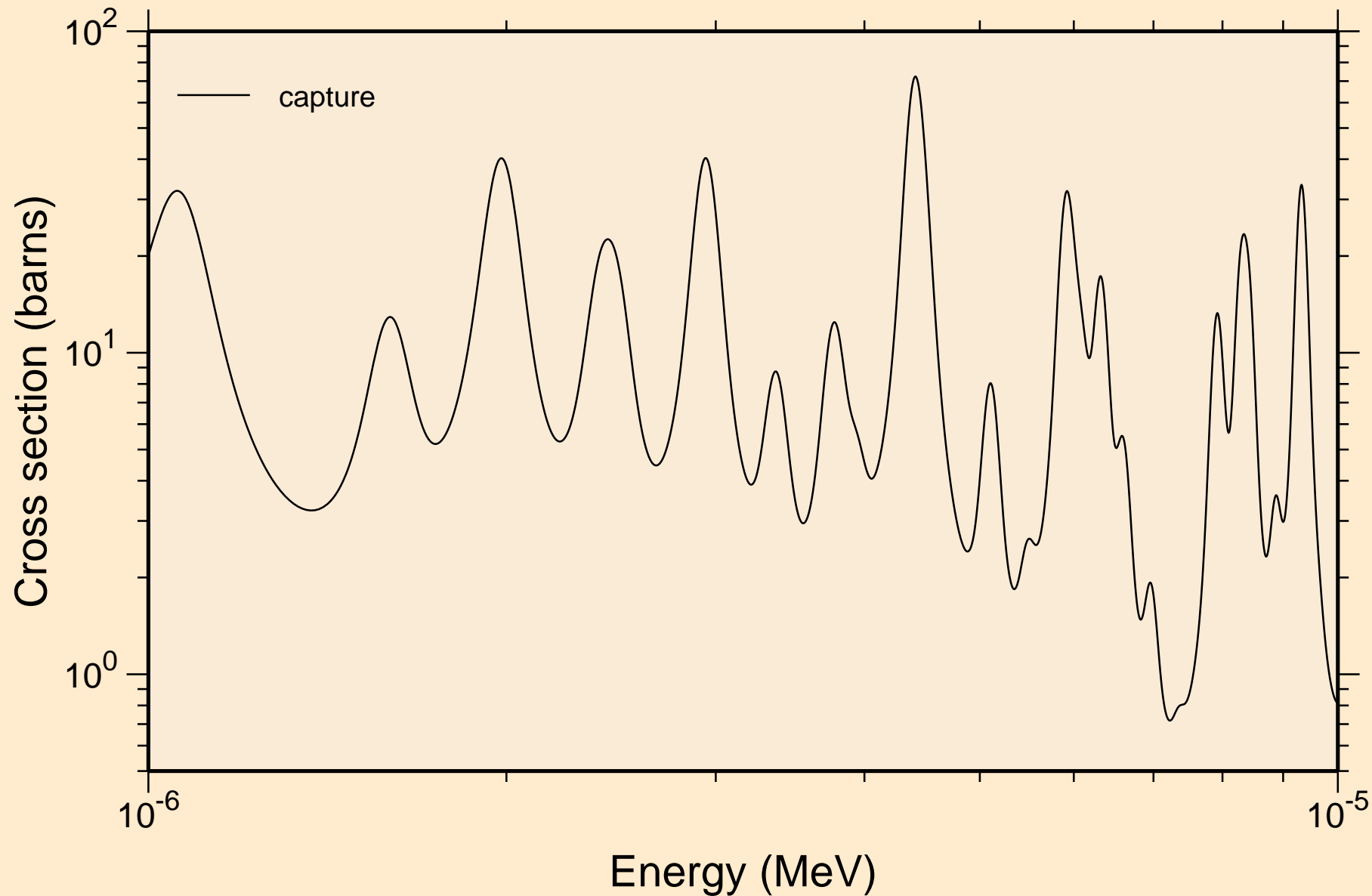
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resonance total cross section



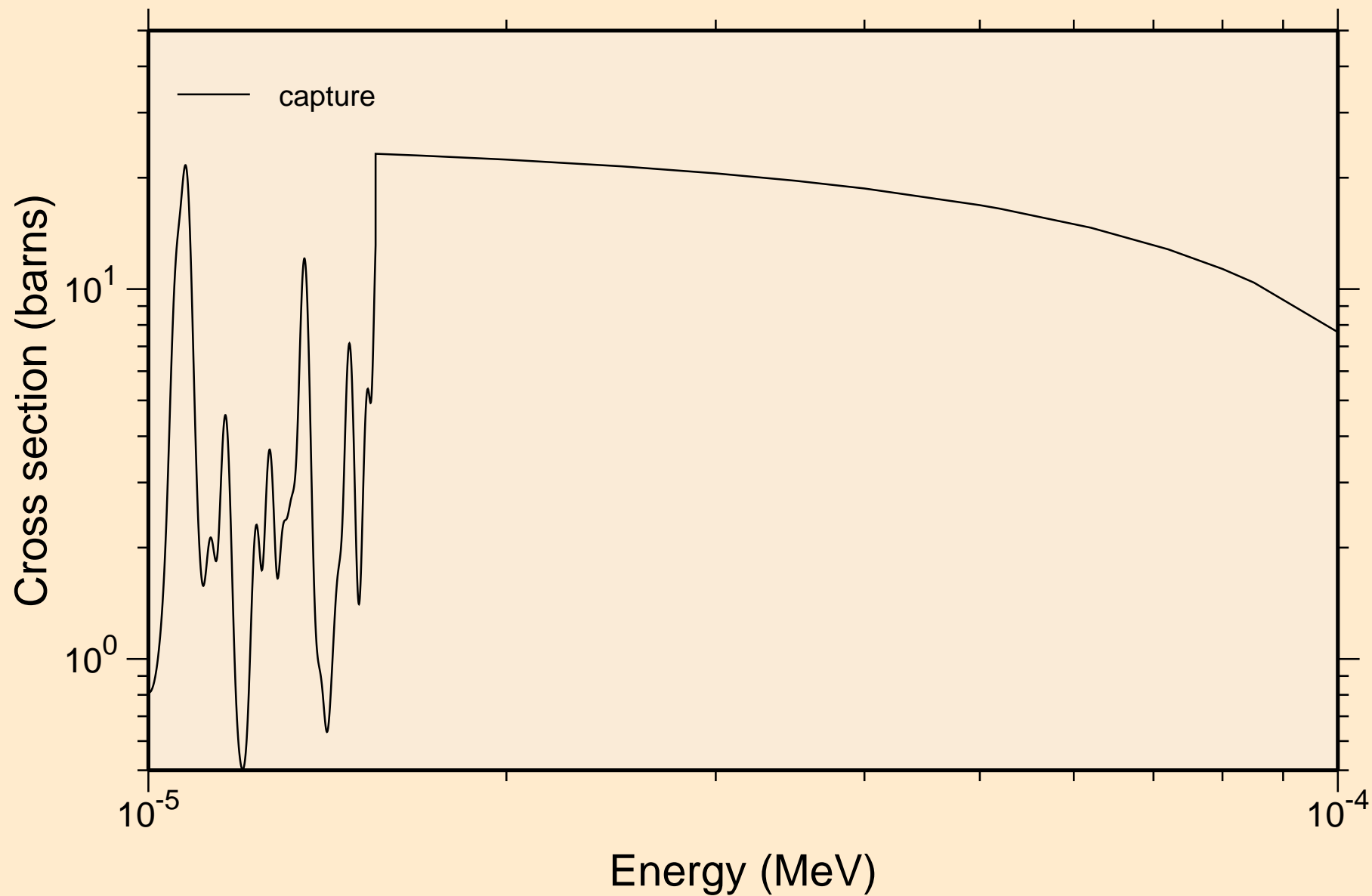
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resonance absorption cross sections



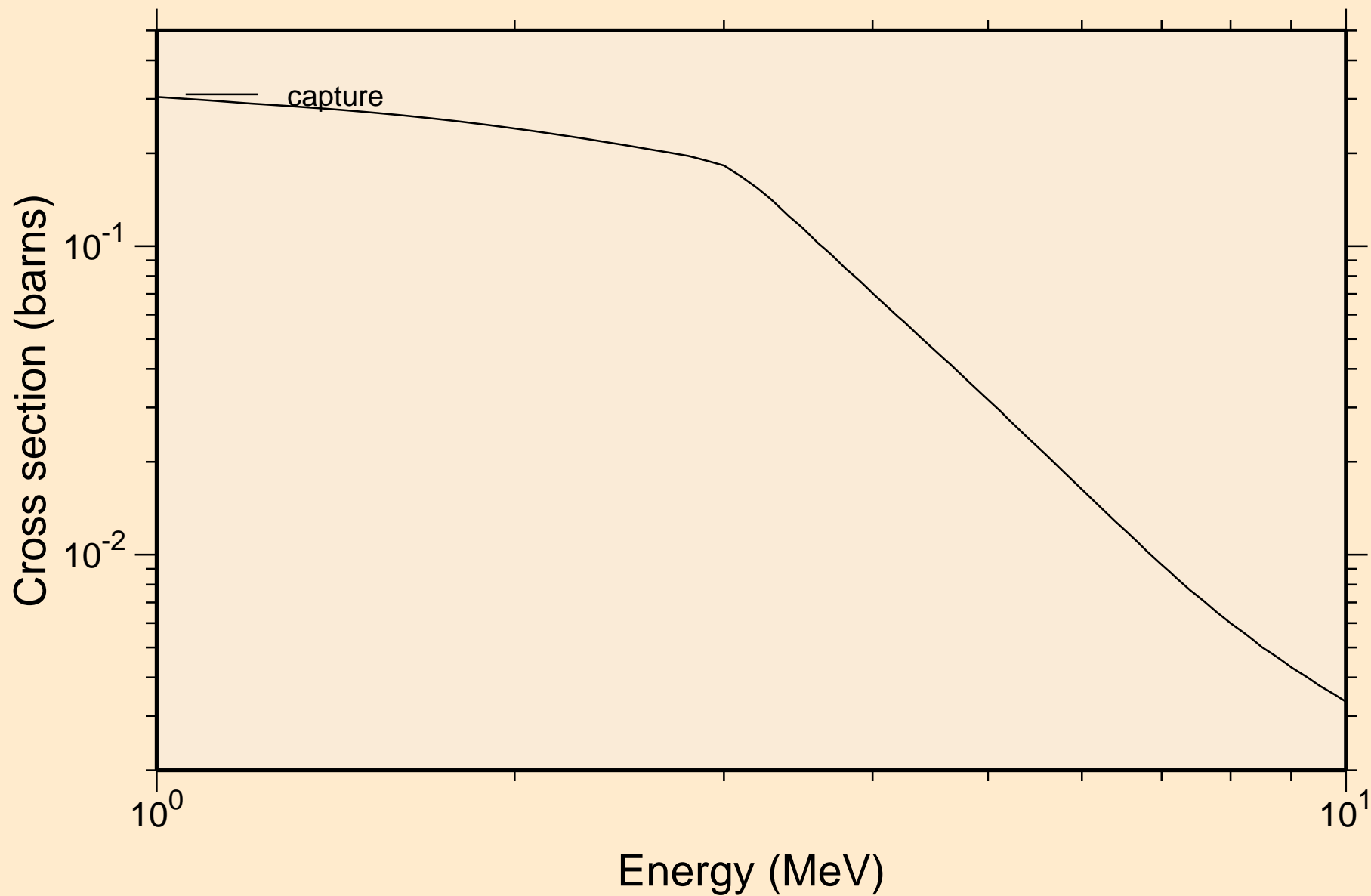
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resonance absorption cross sections



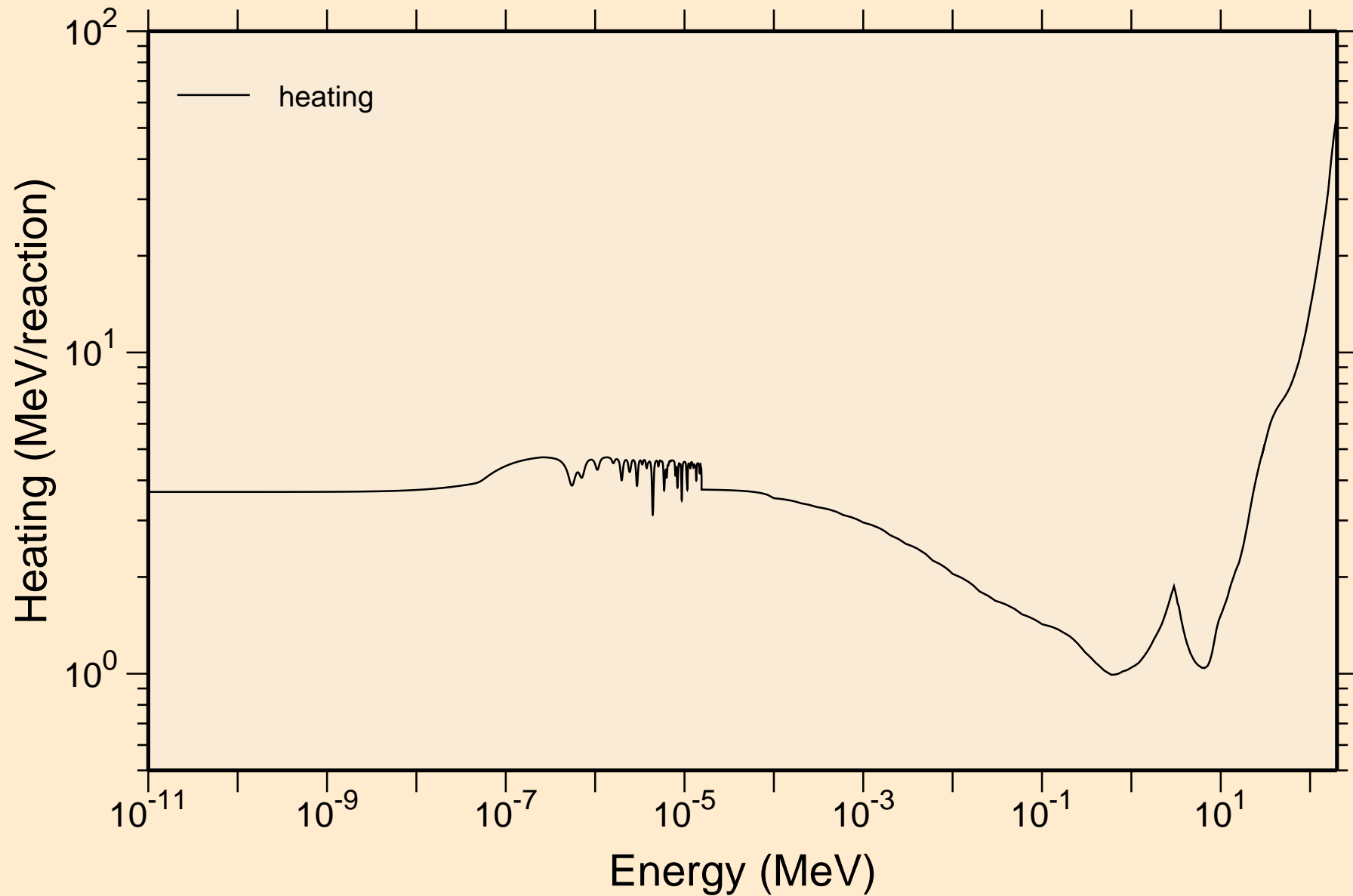
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resonance absorption cross sections



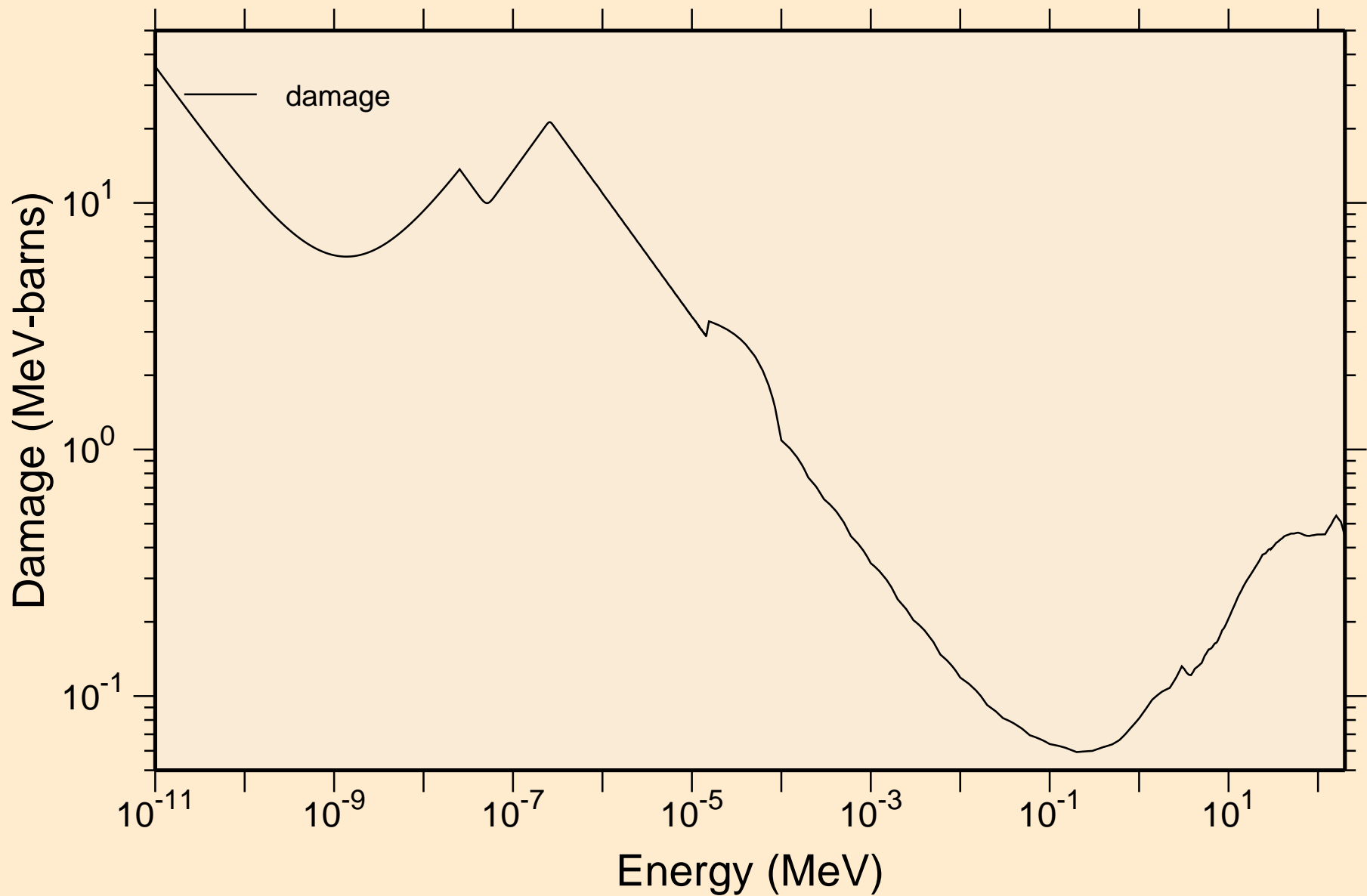
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resonance absorption cross sections



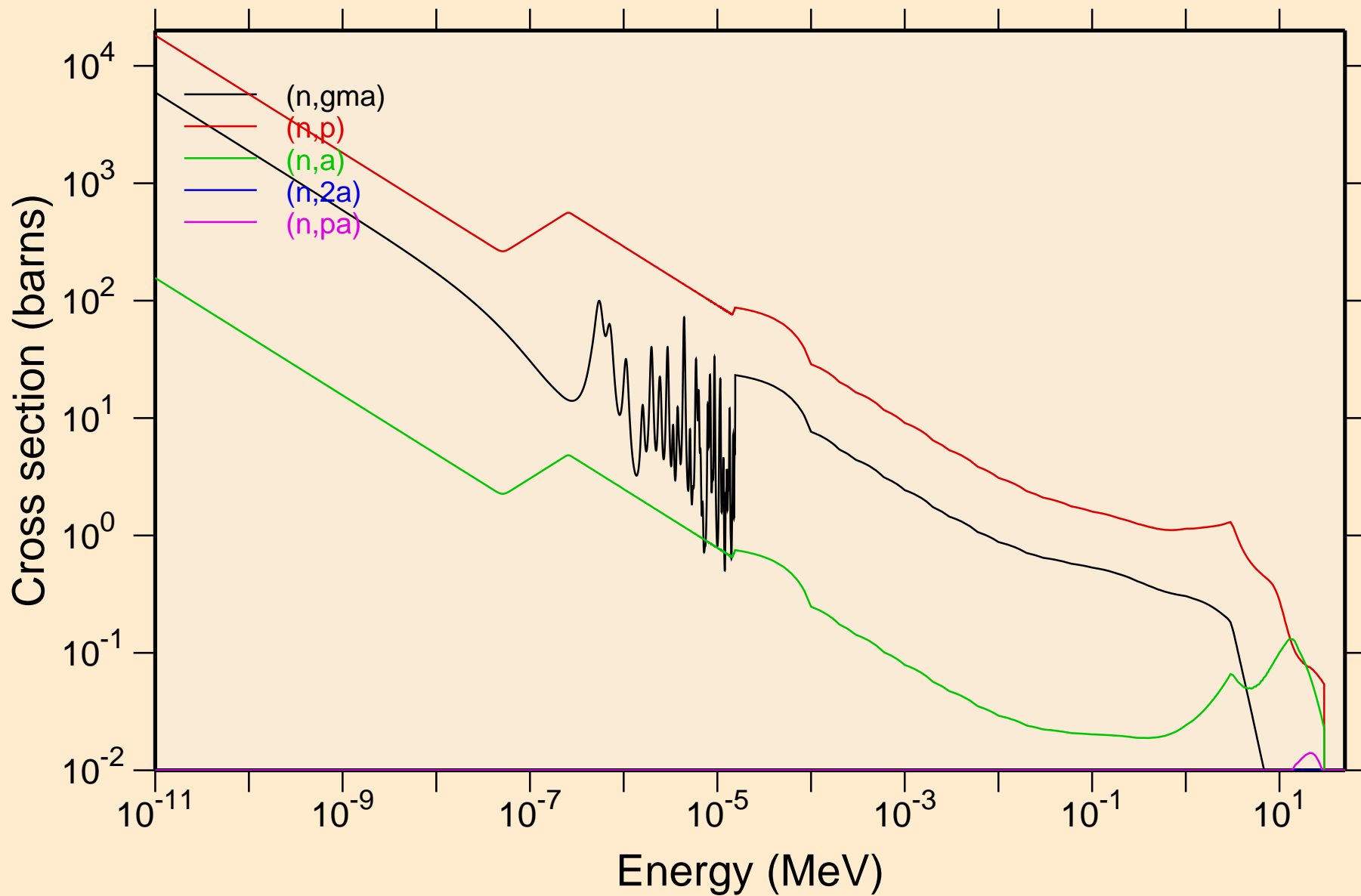
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Heating



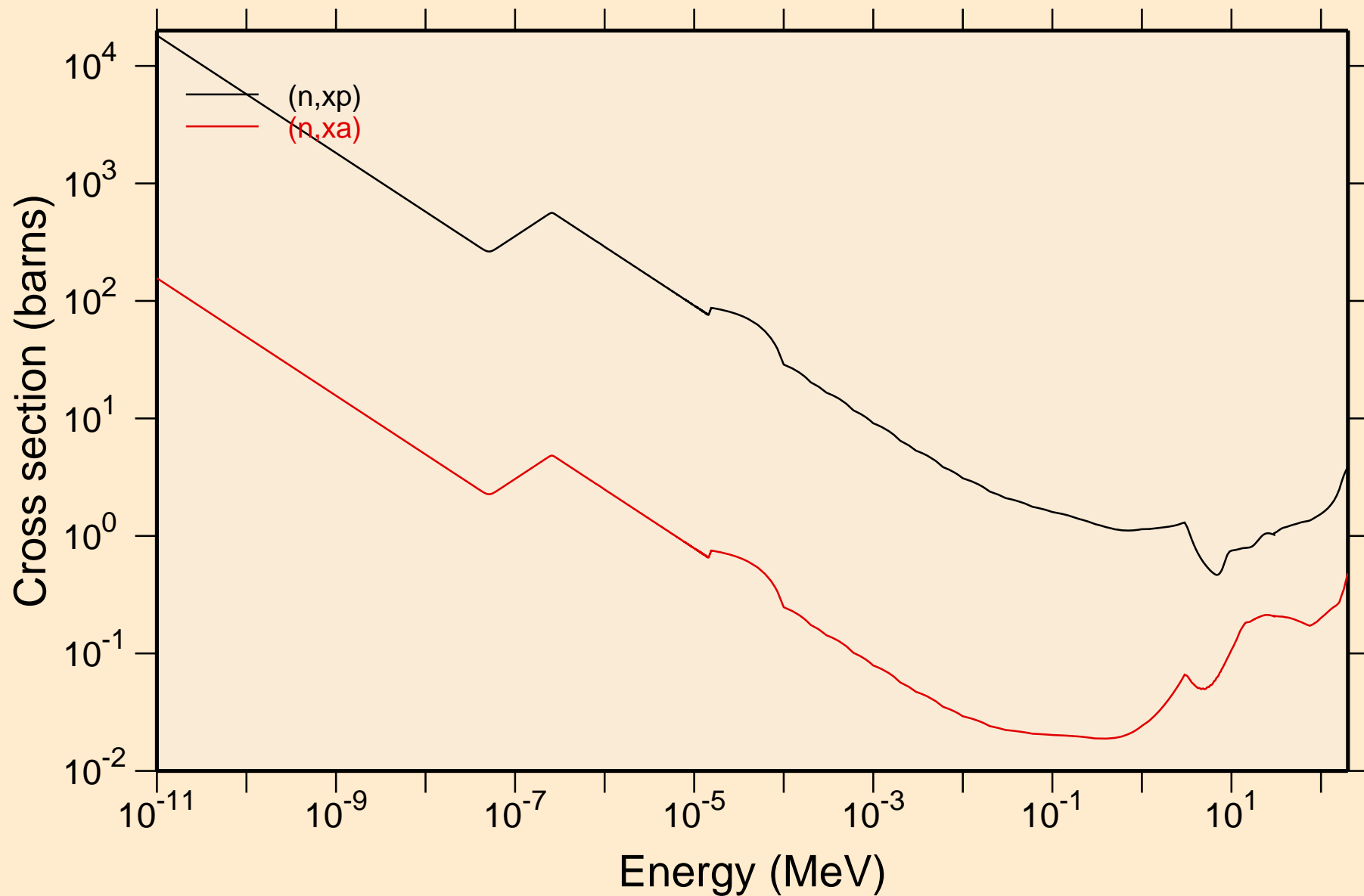
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Damage



I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

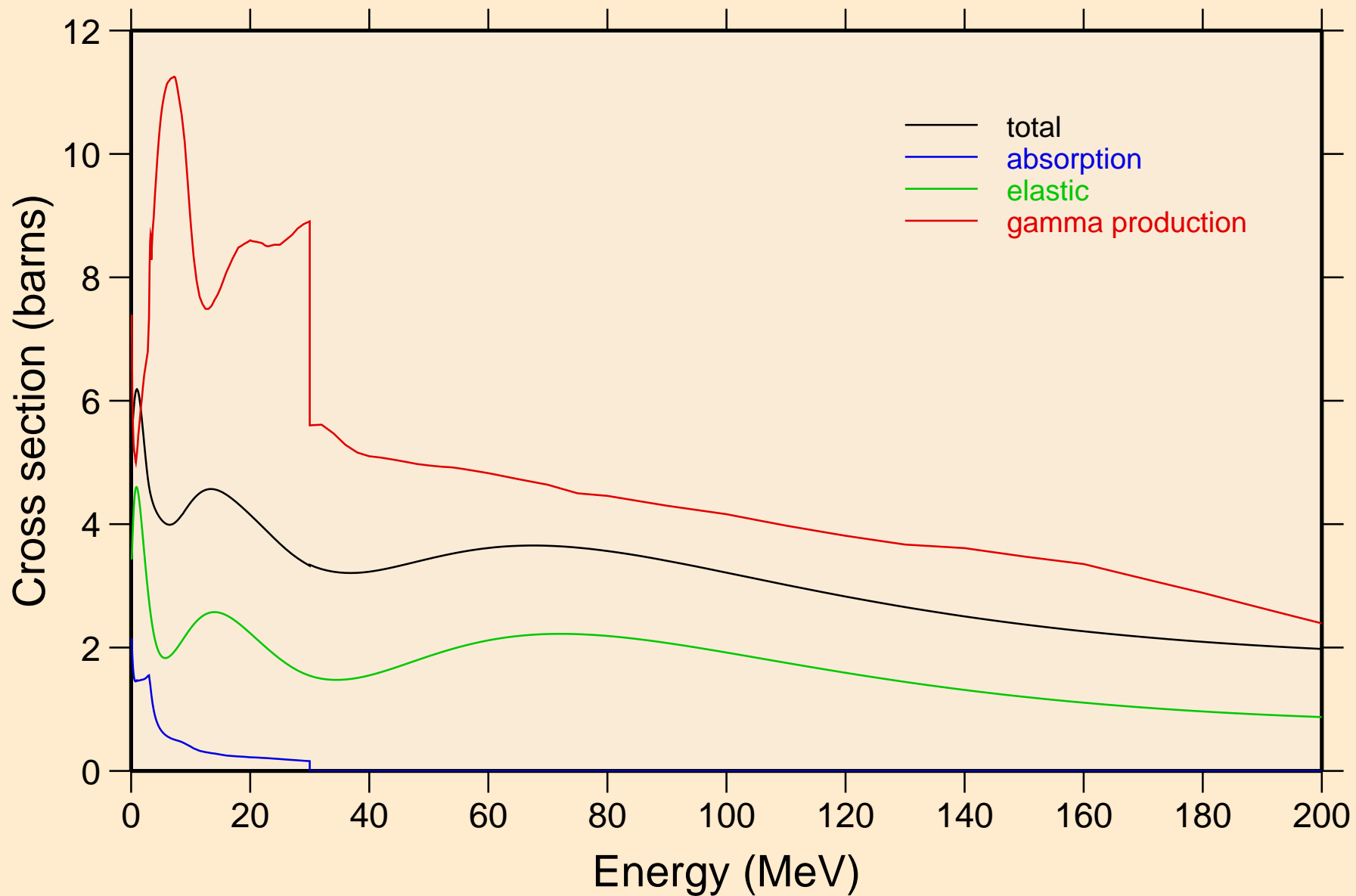


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Non-threshold reactions

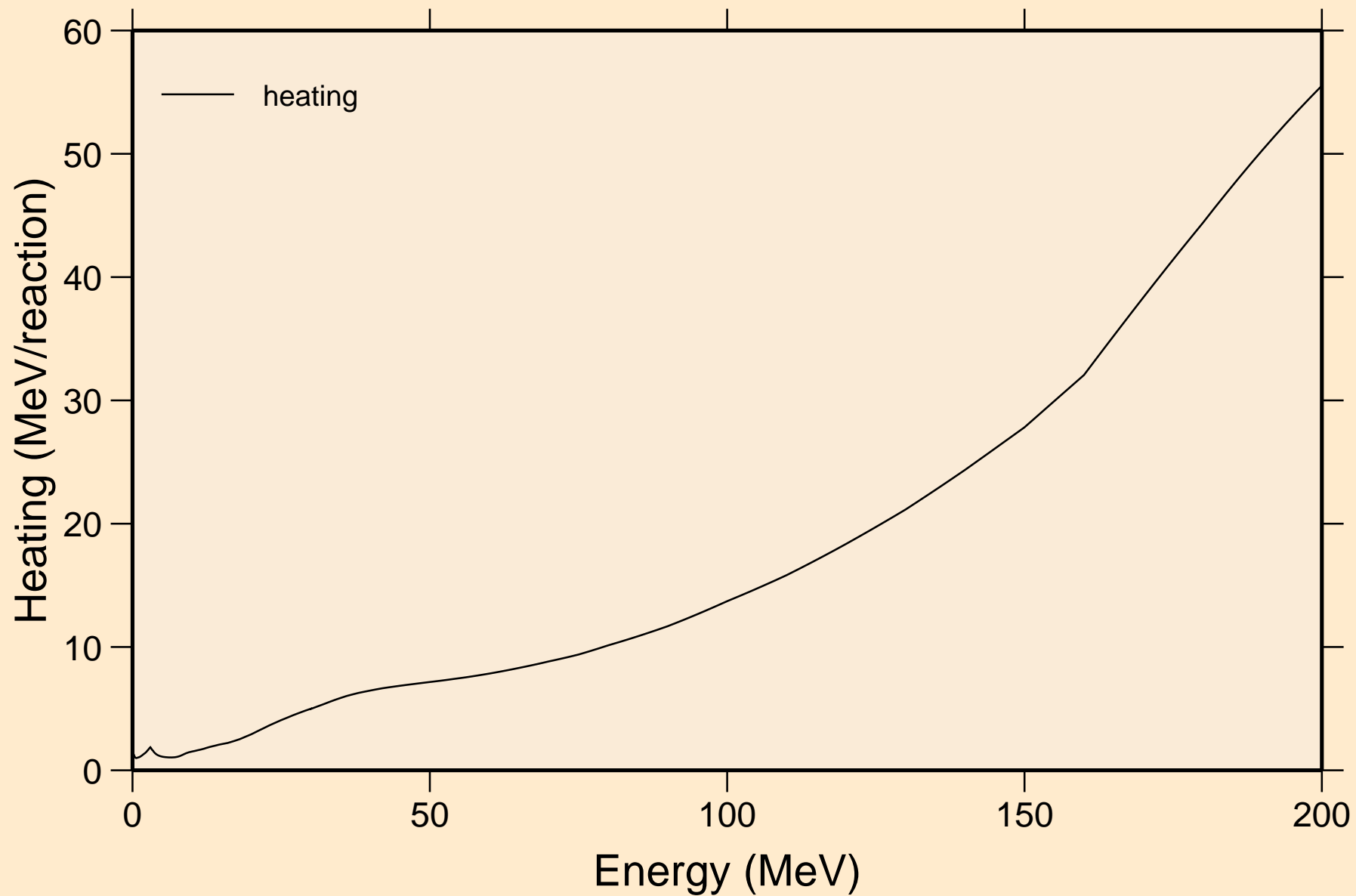


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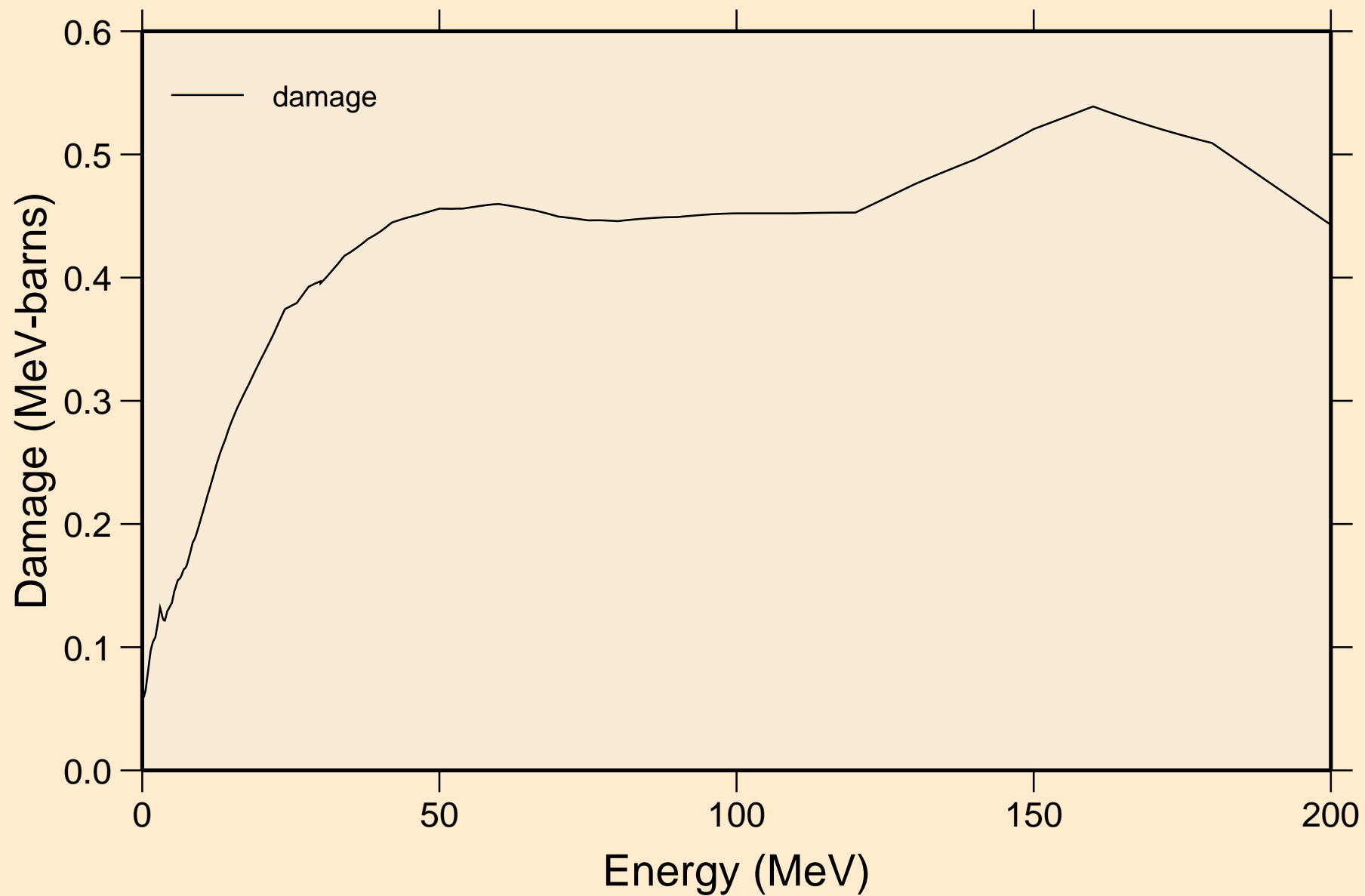
Principal cross sections



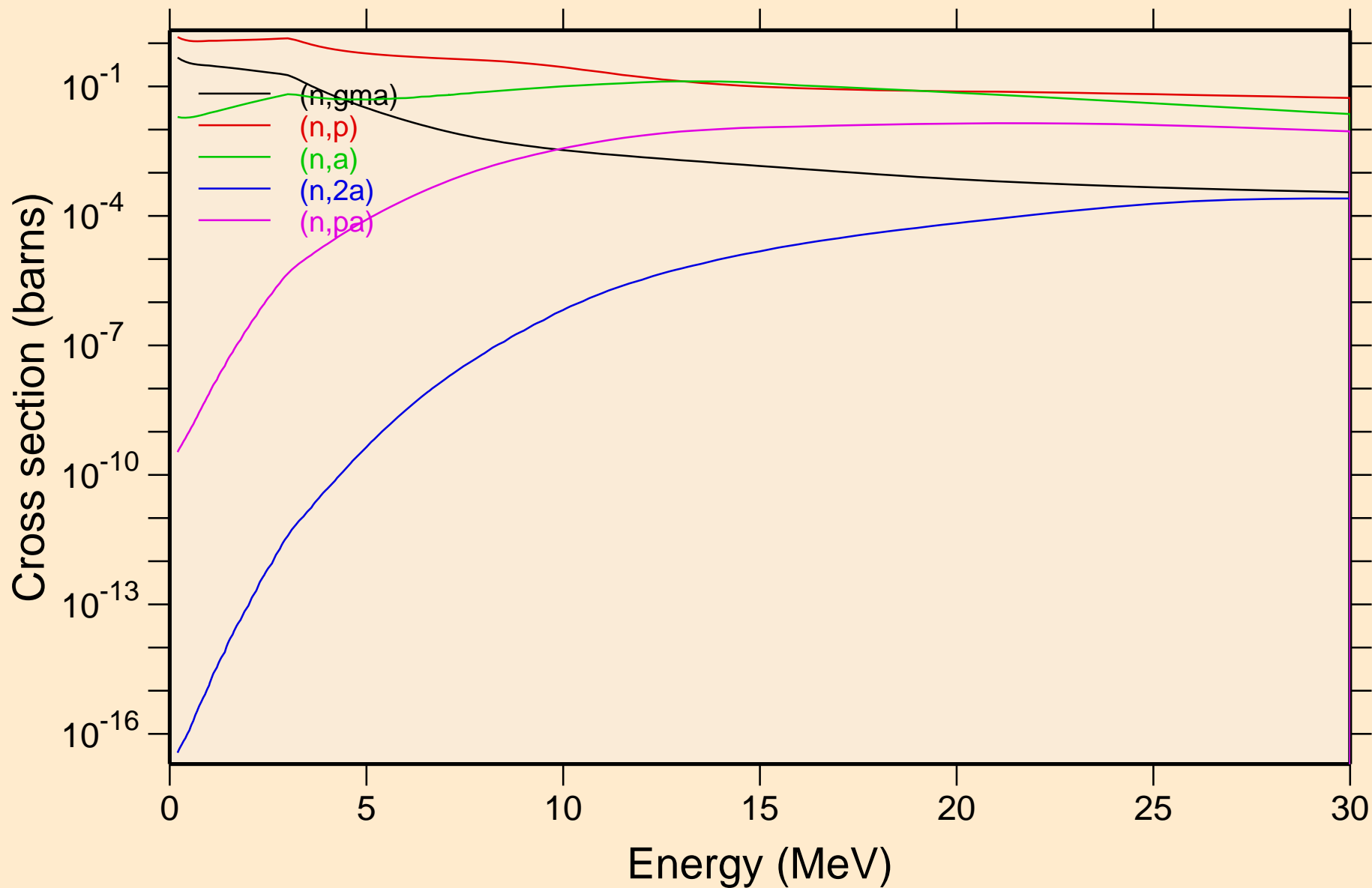
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



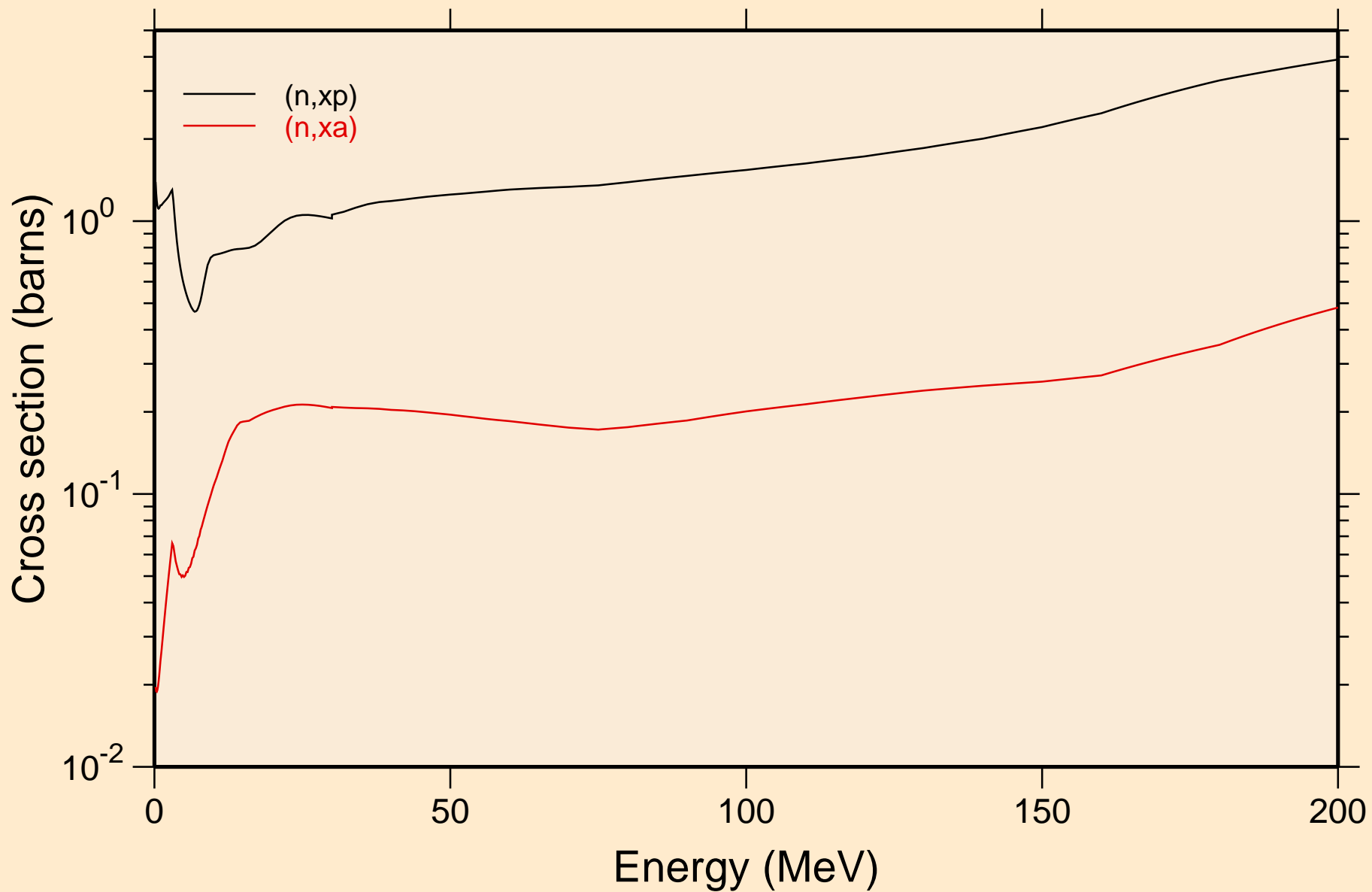
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Damage



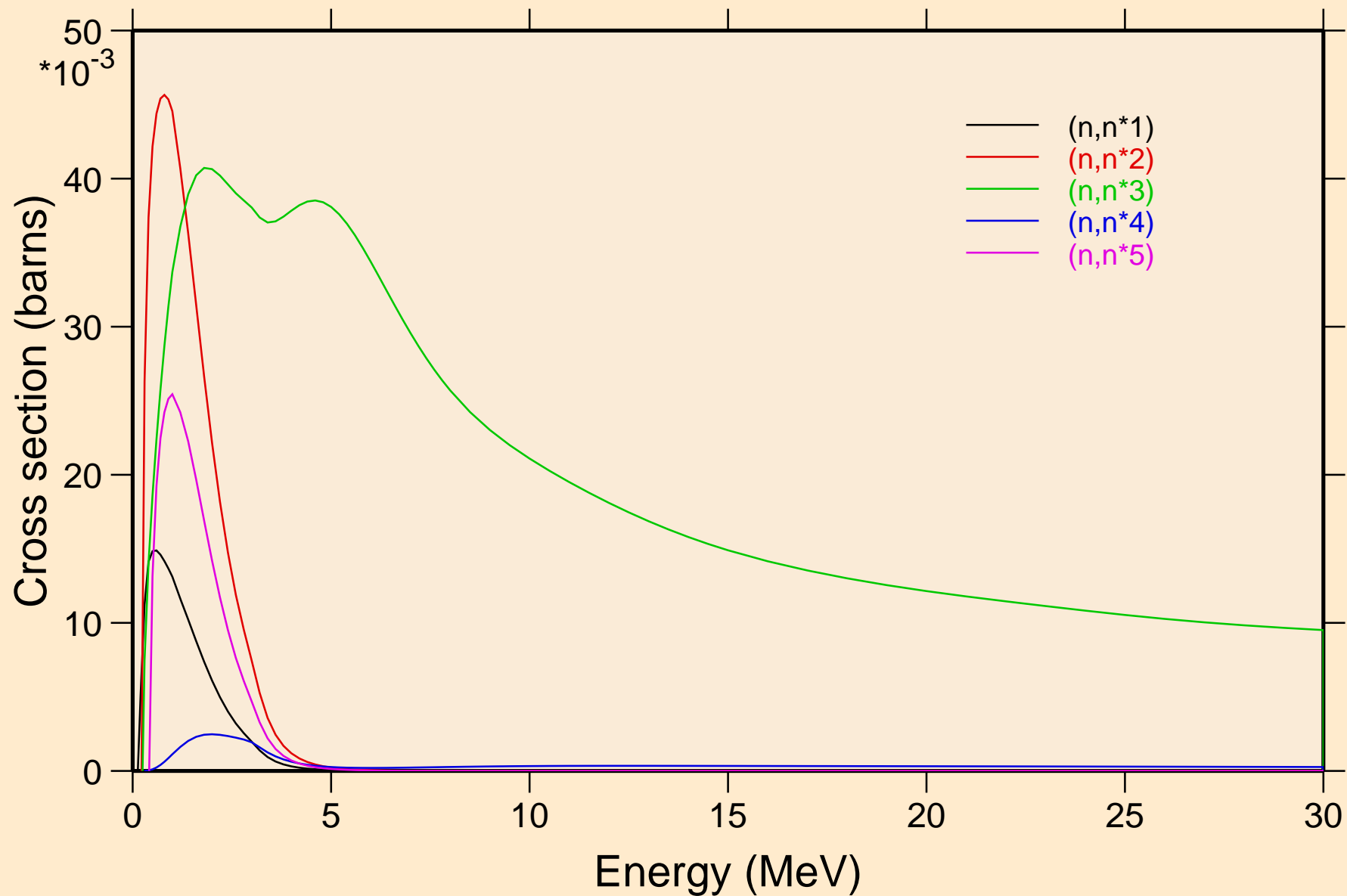
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Non-threshold reactions



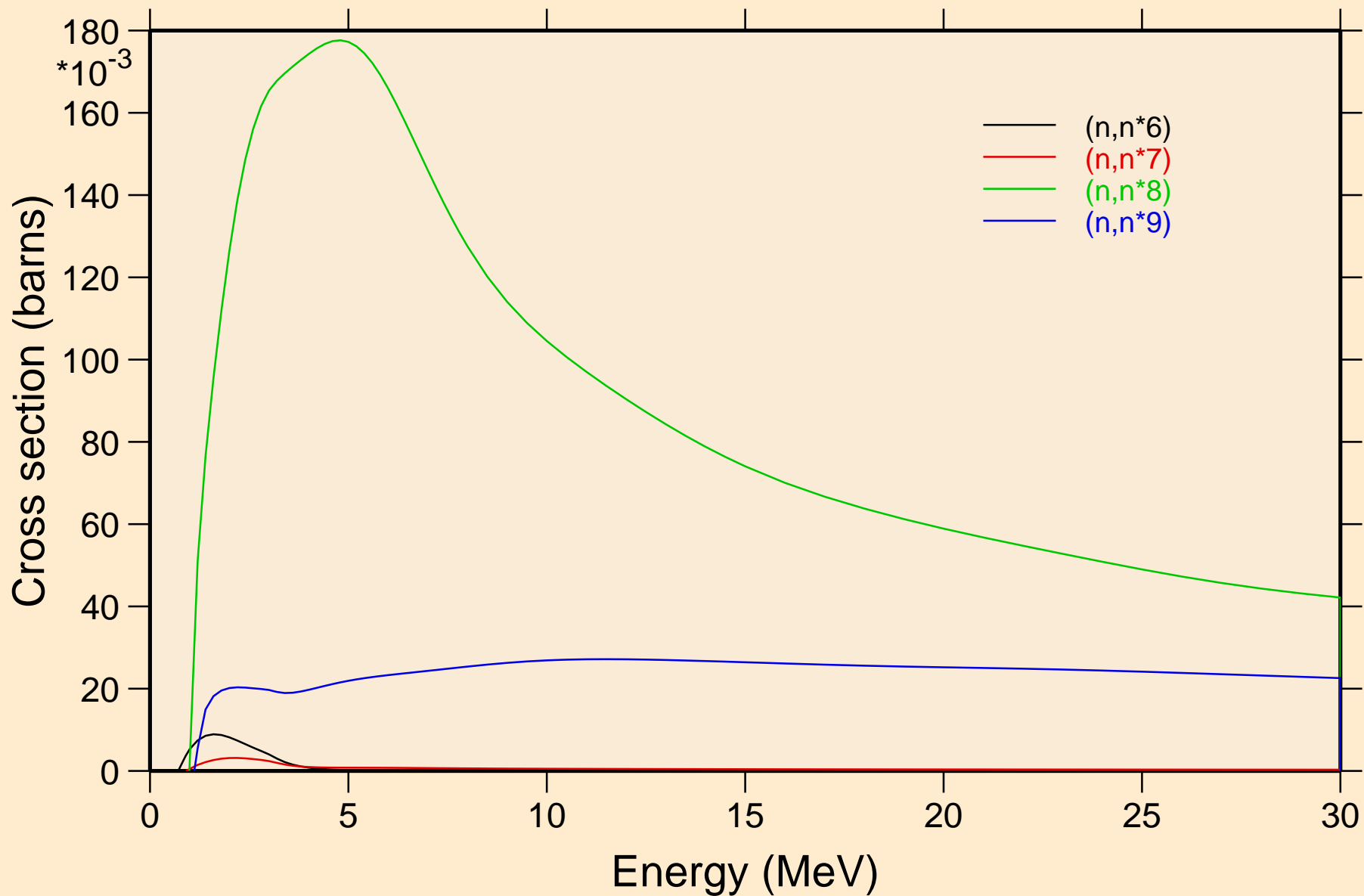
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

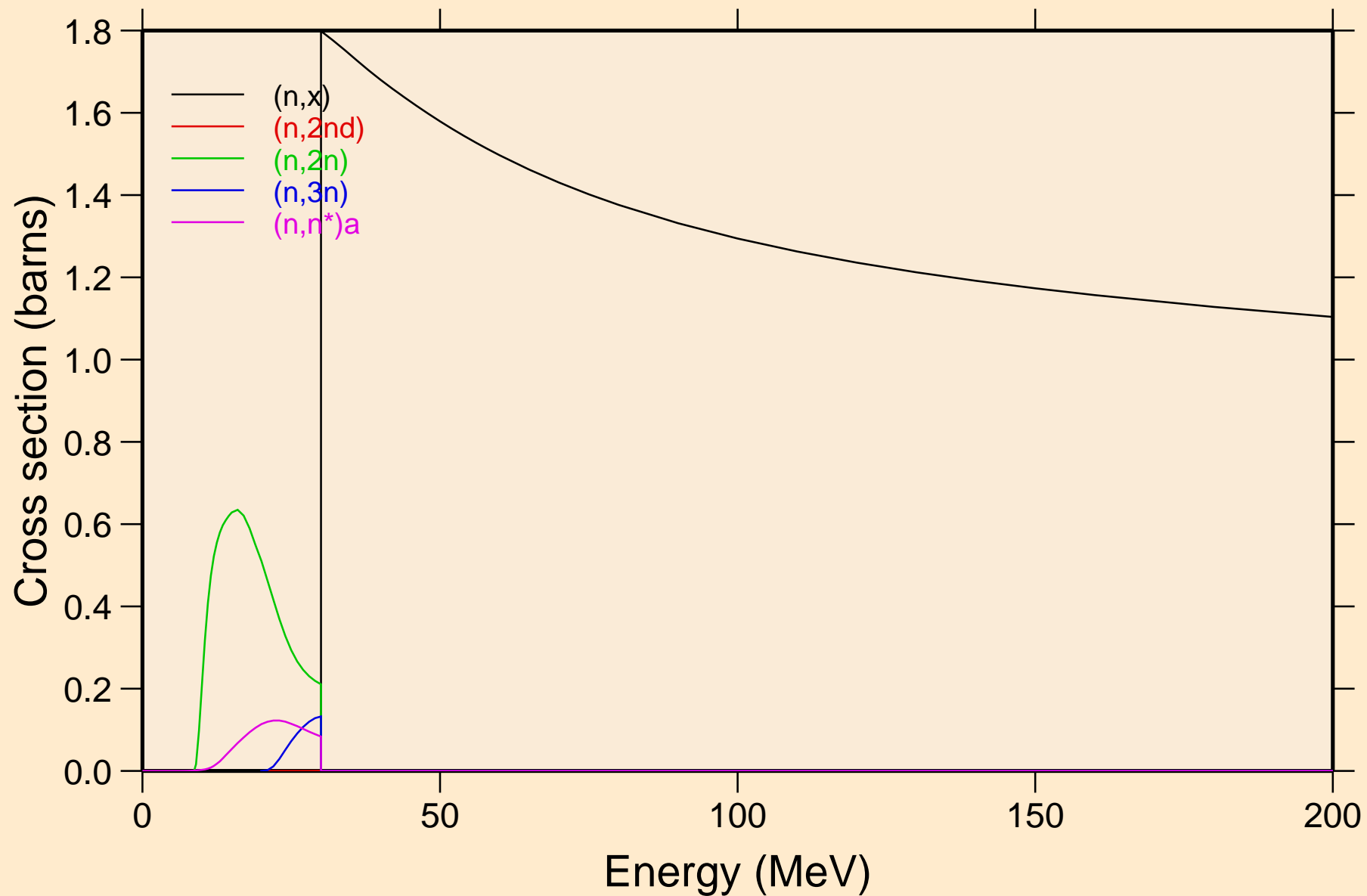


I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

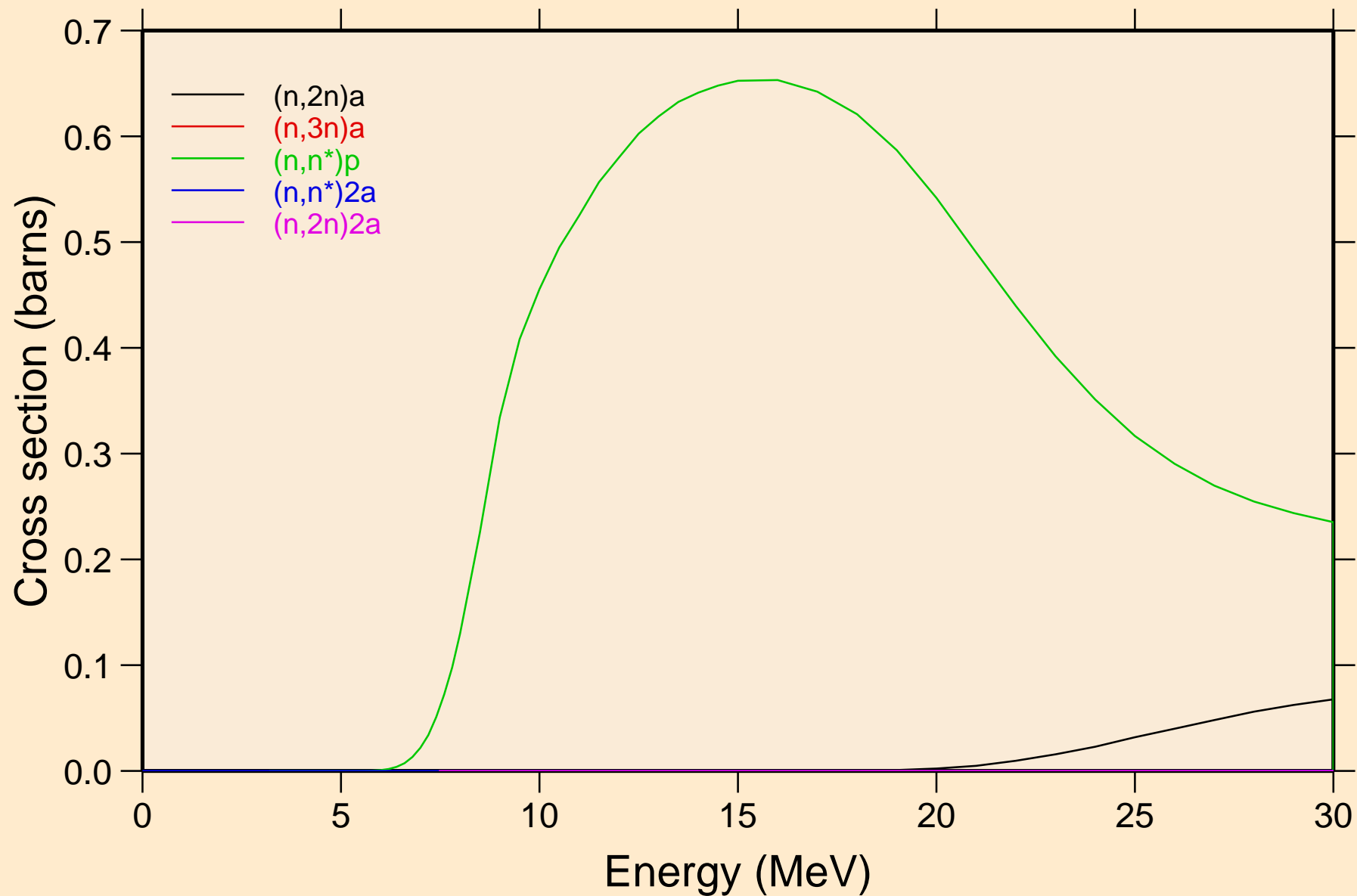


I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

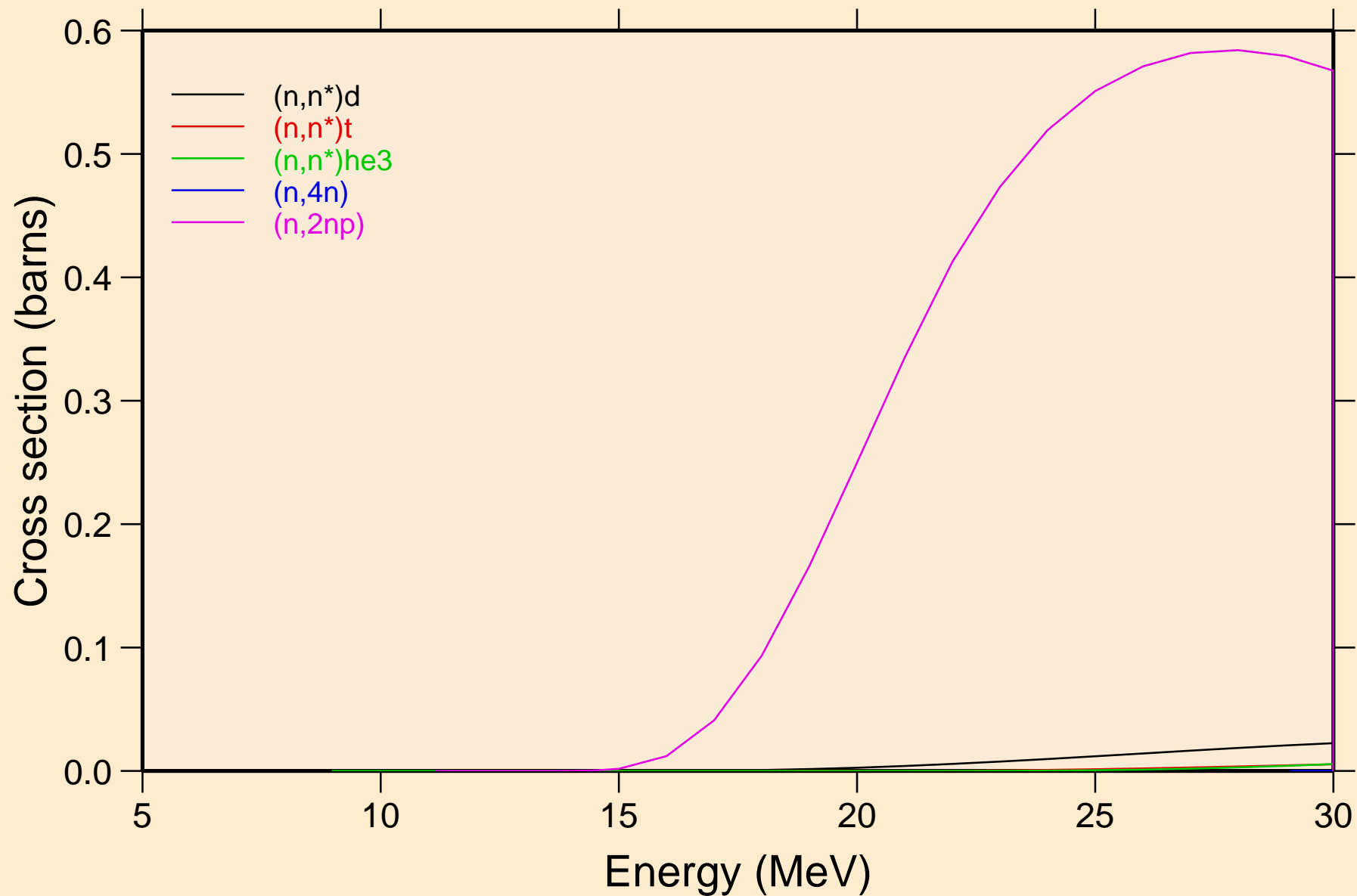
Threshold reactions



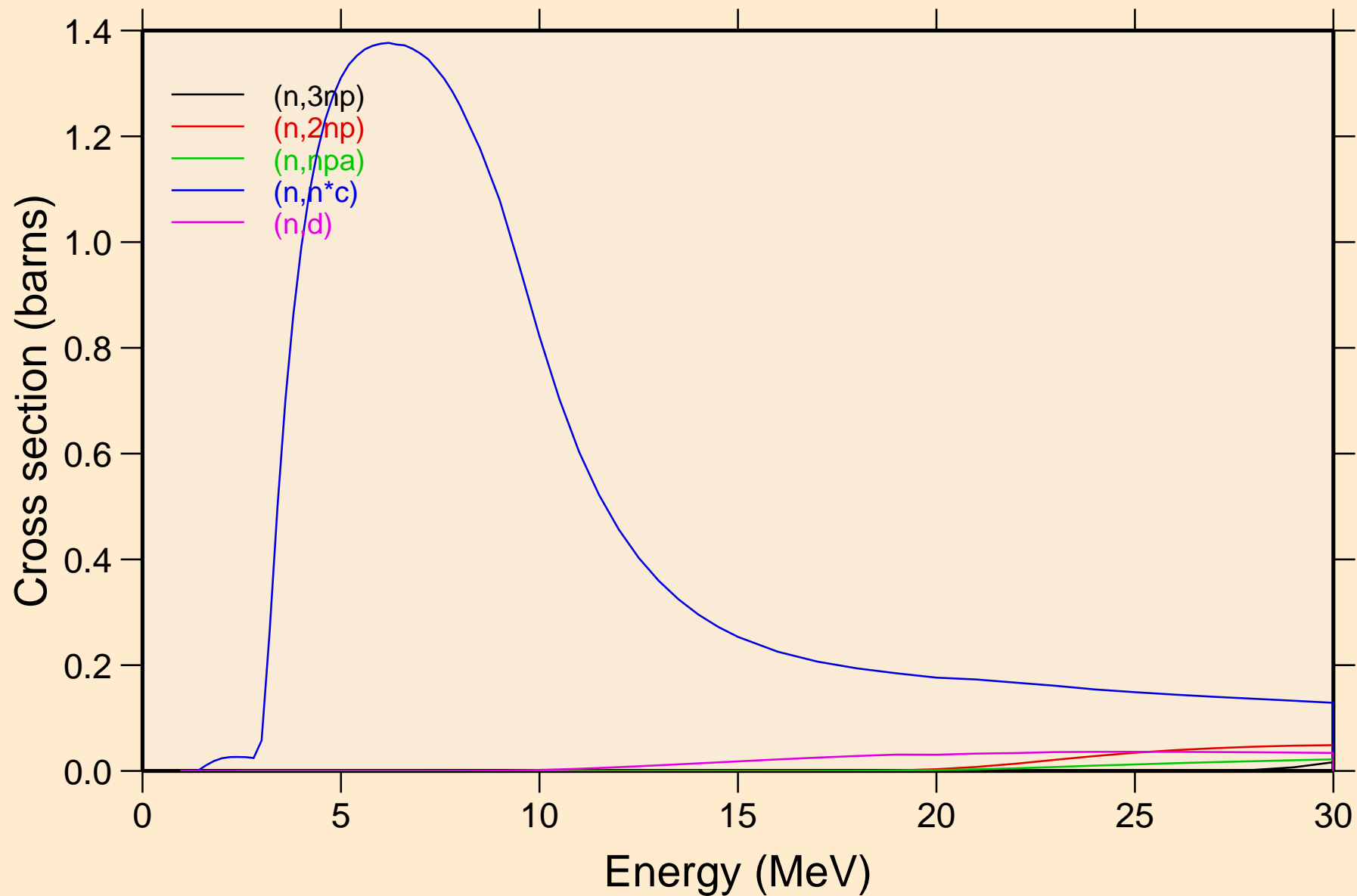
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



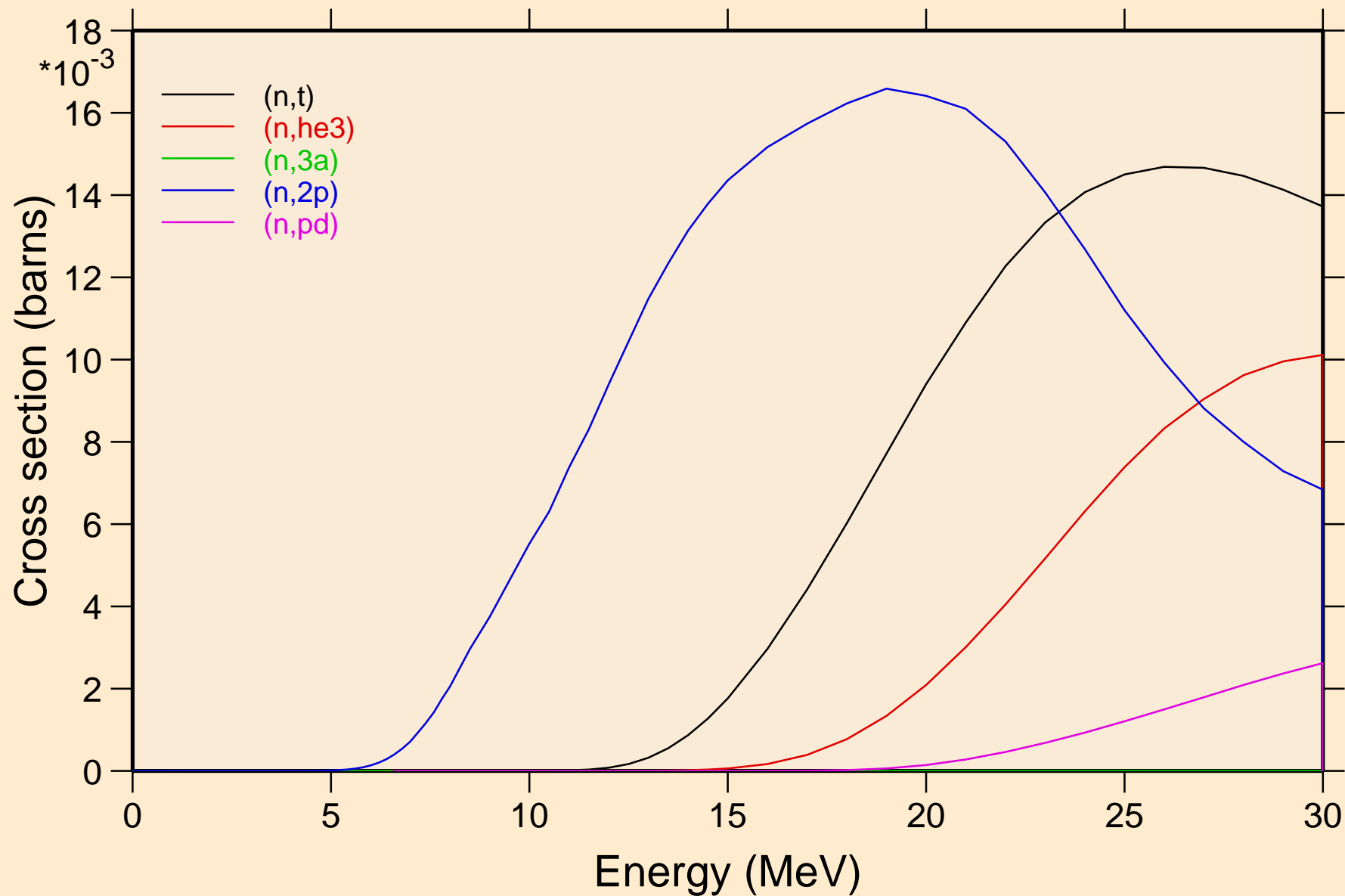
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



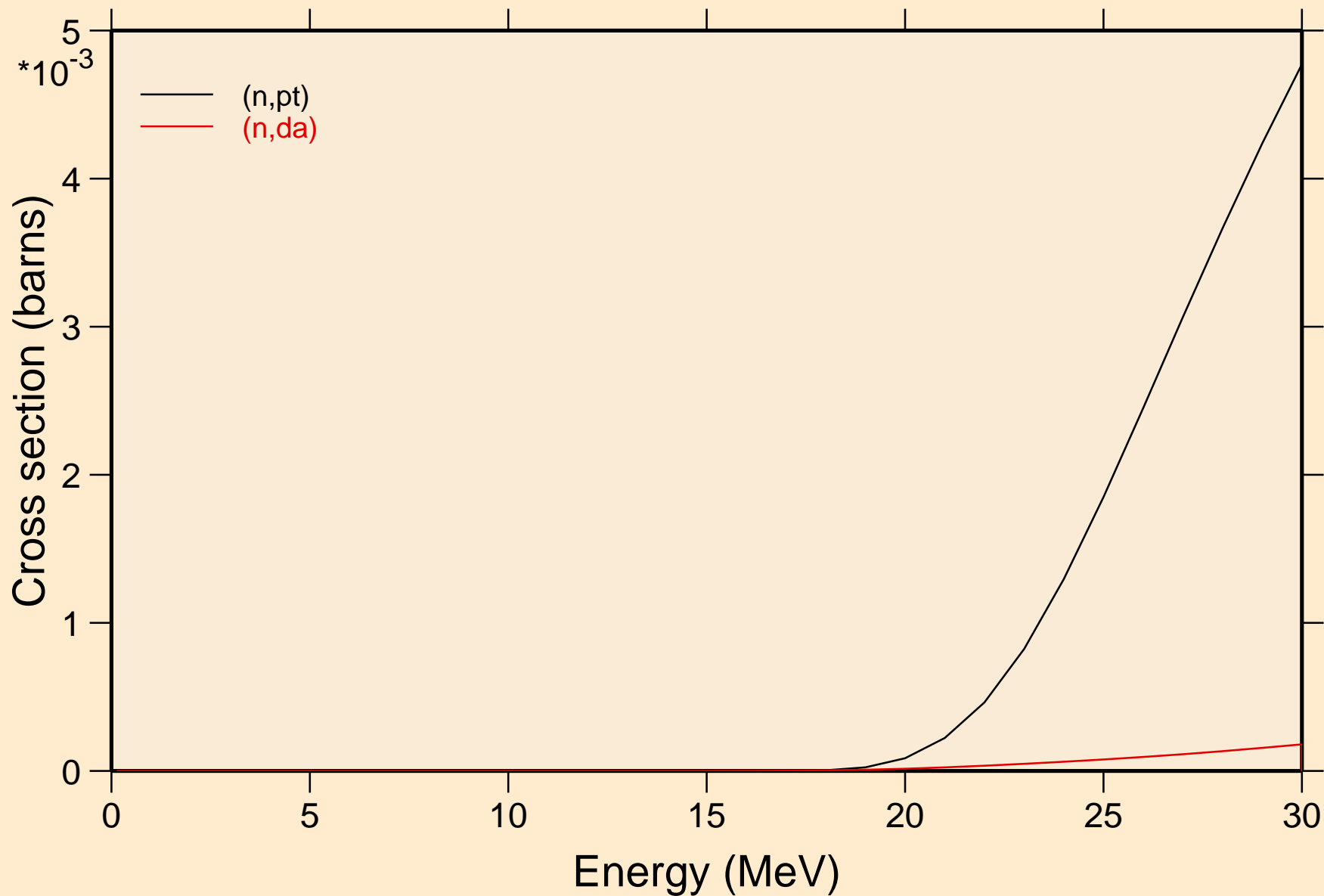
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Threshold reactions



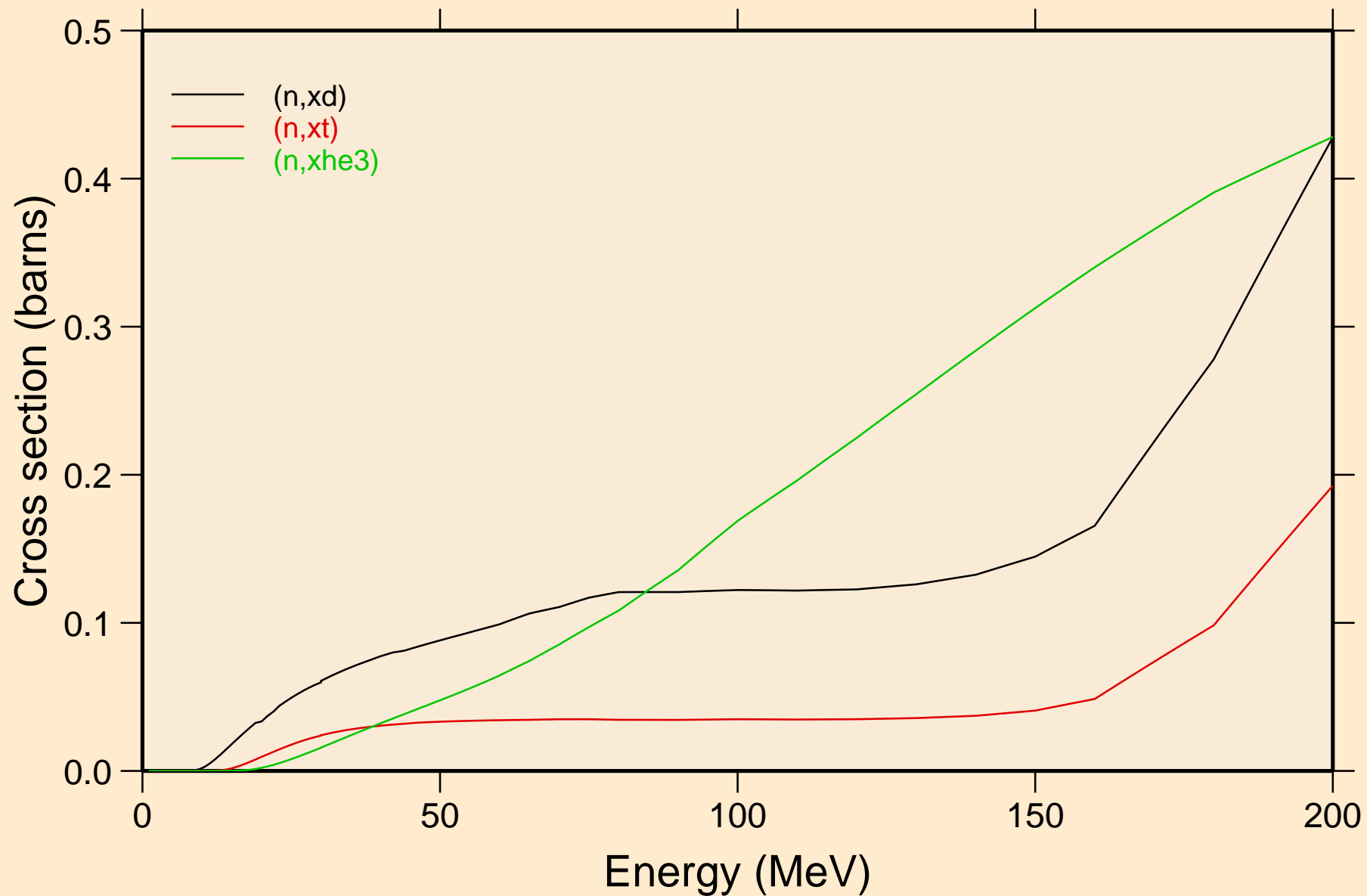
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



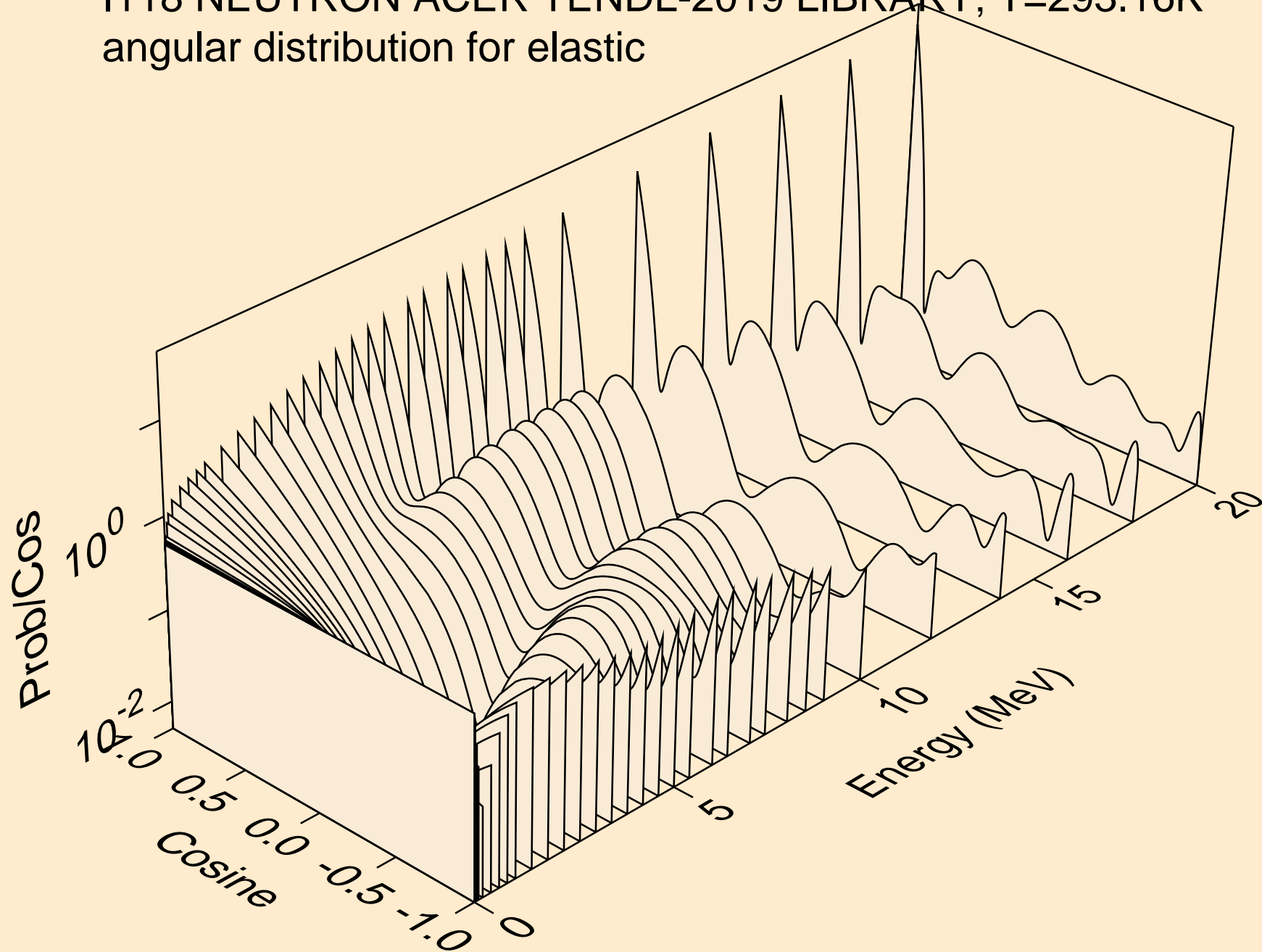
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



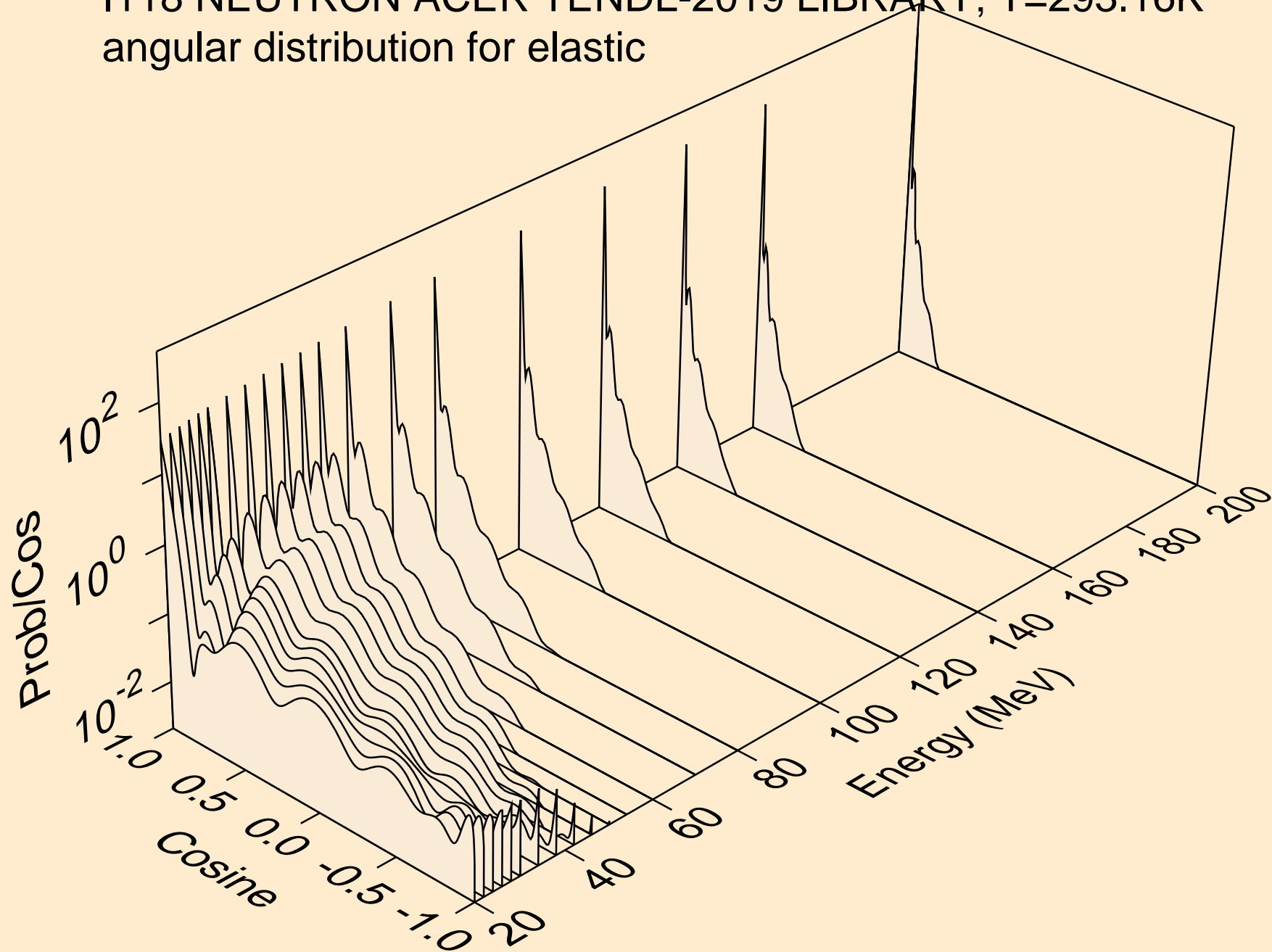
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



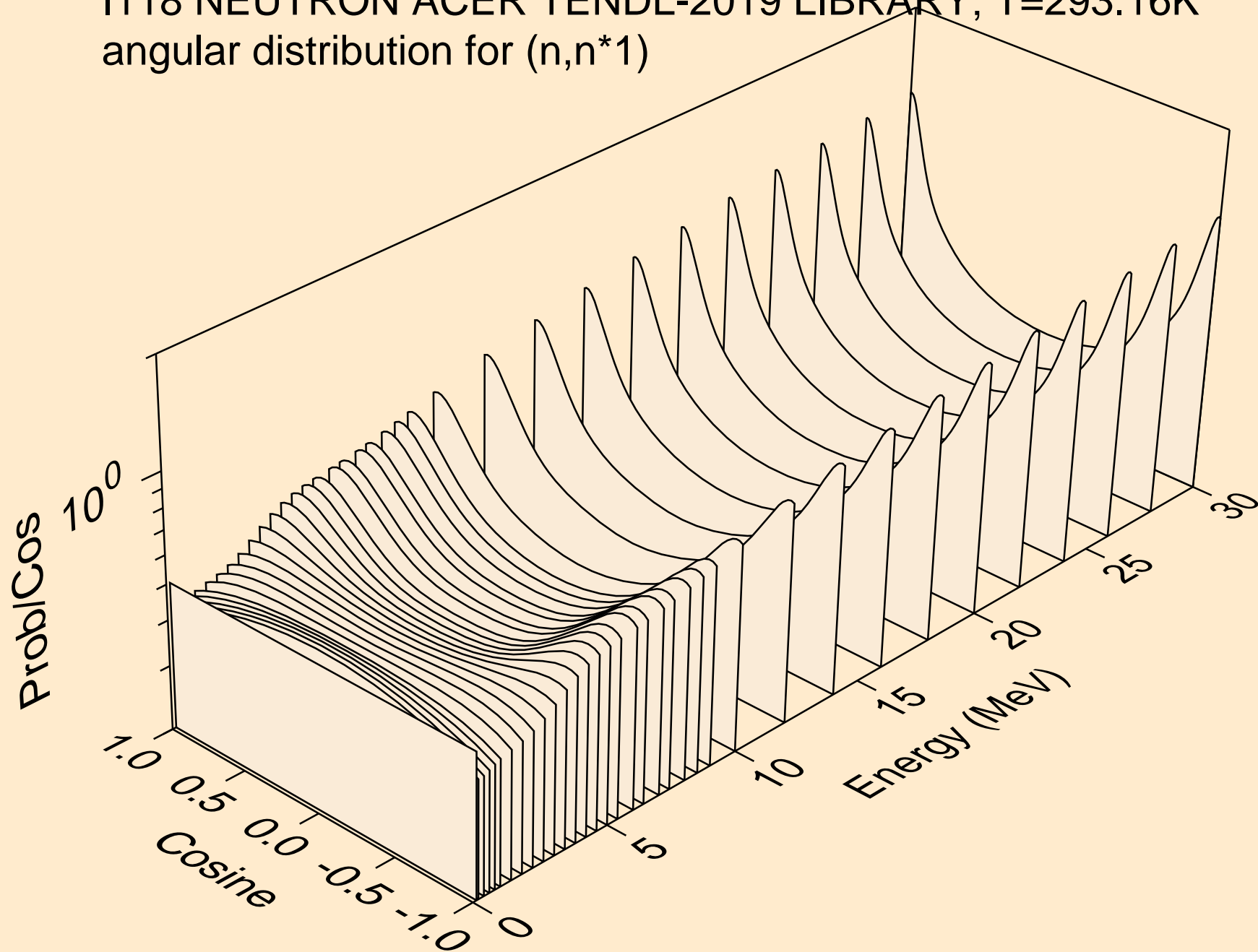
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angular distribution for elastic



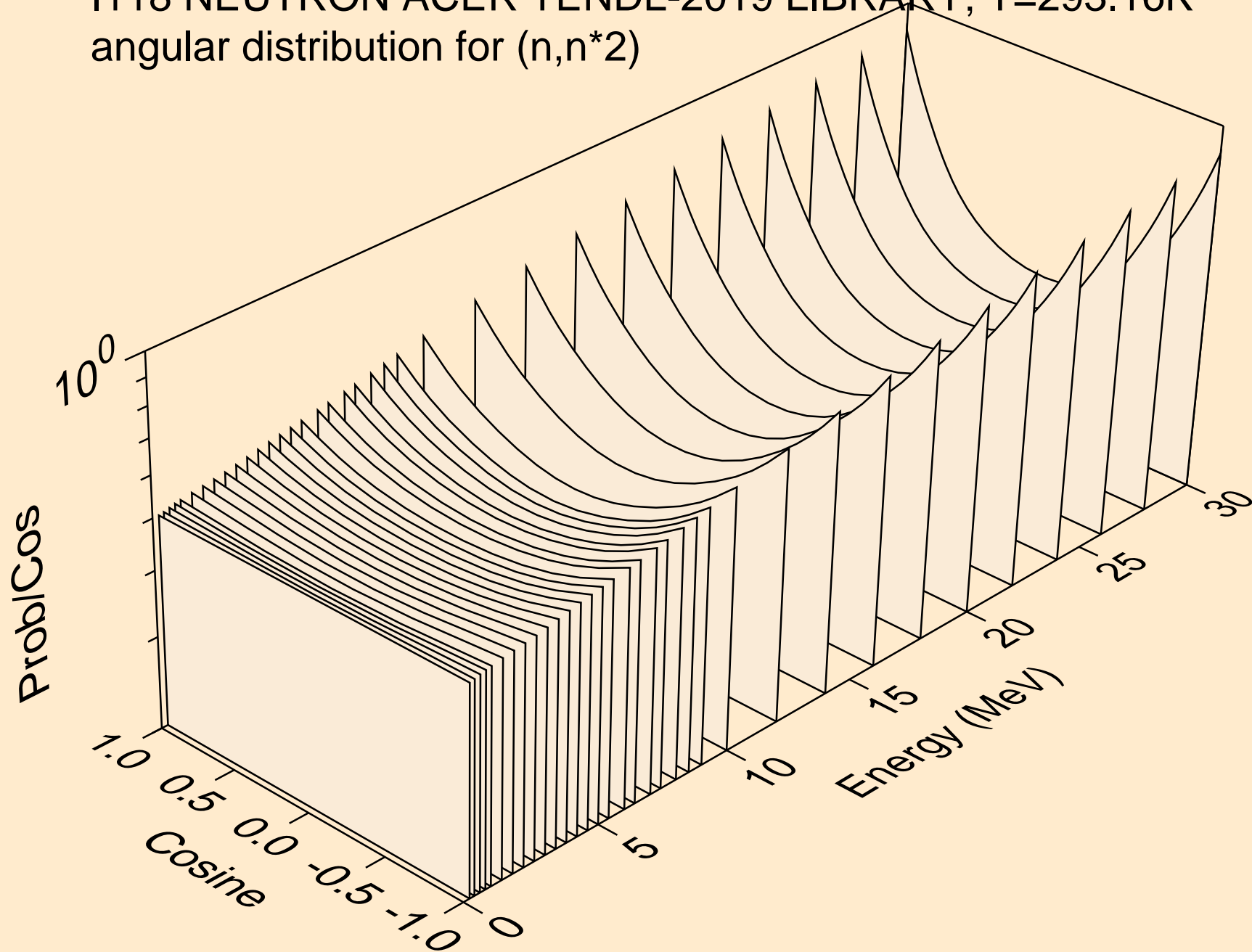
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angular distribution for elastic



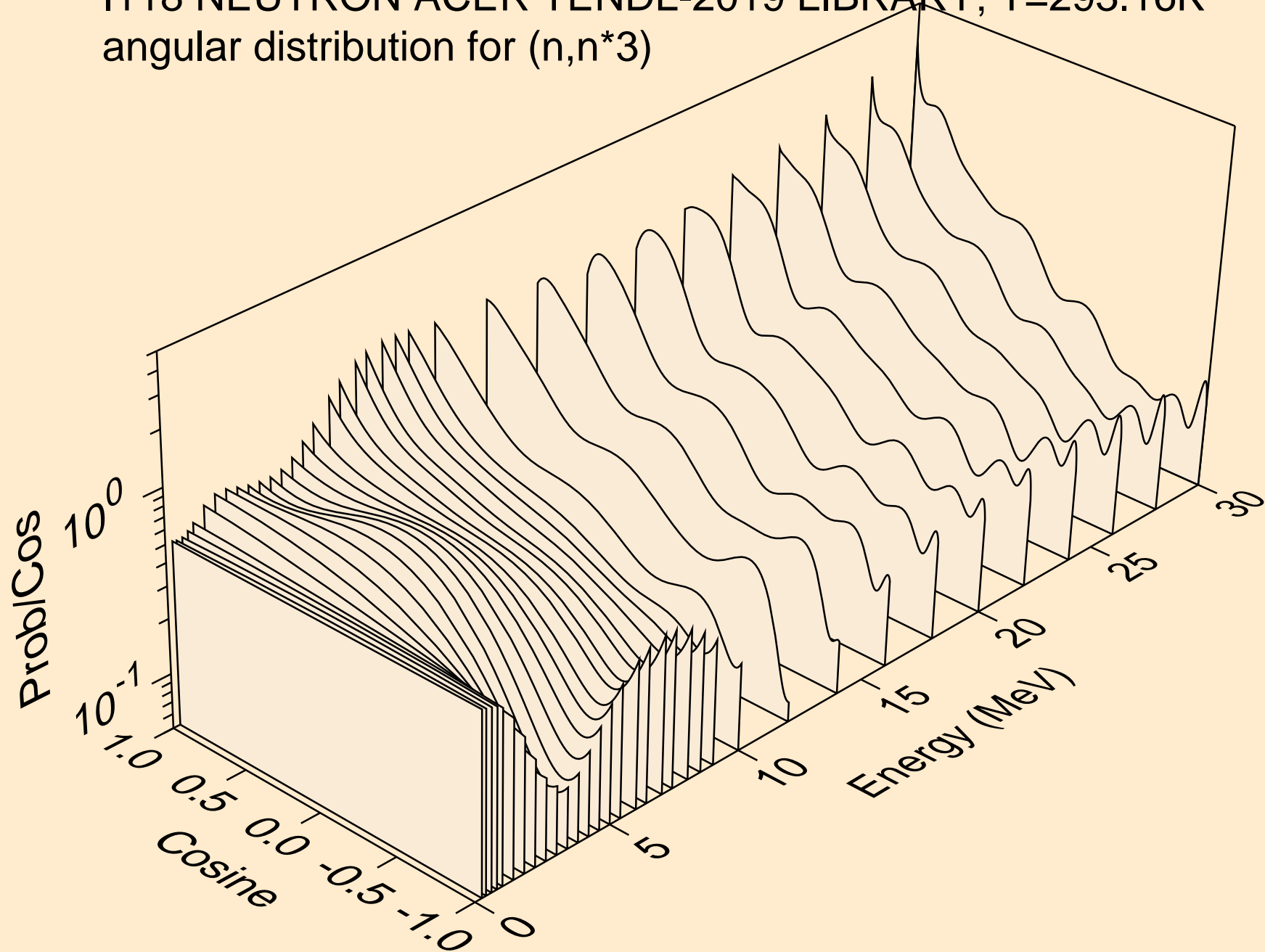
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angular distribution for (n,n*1)



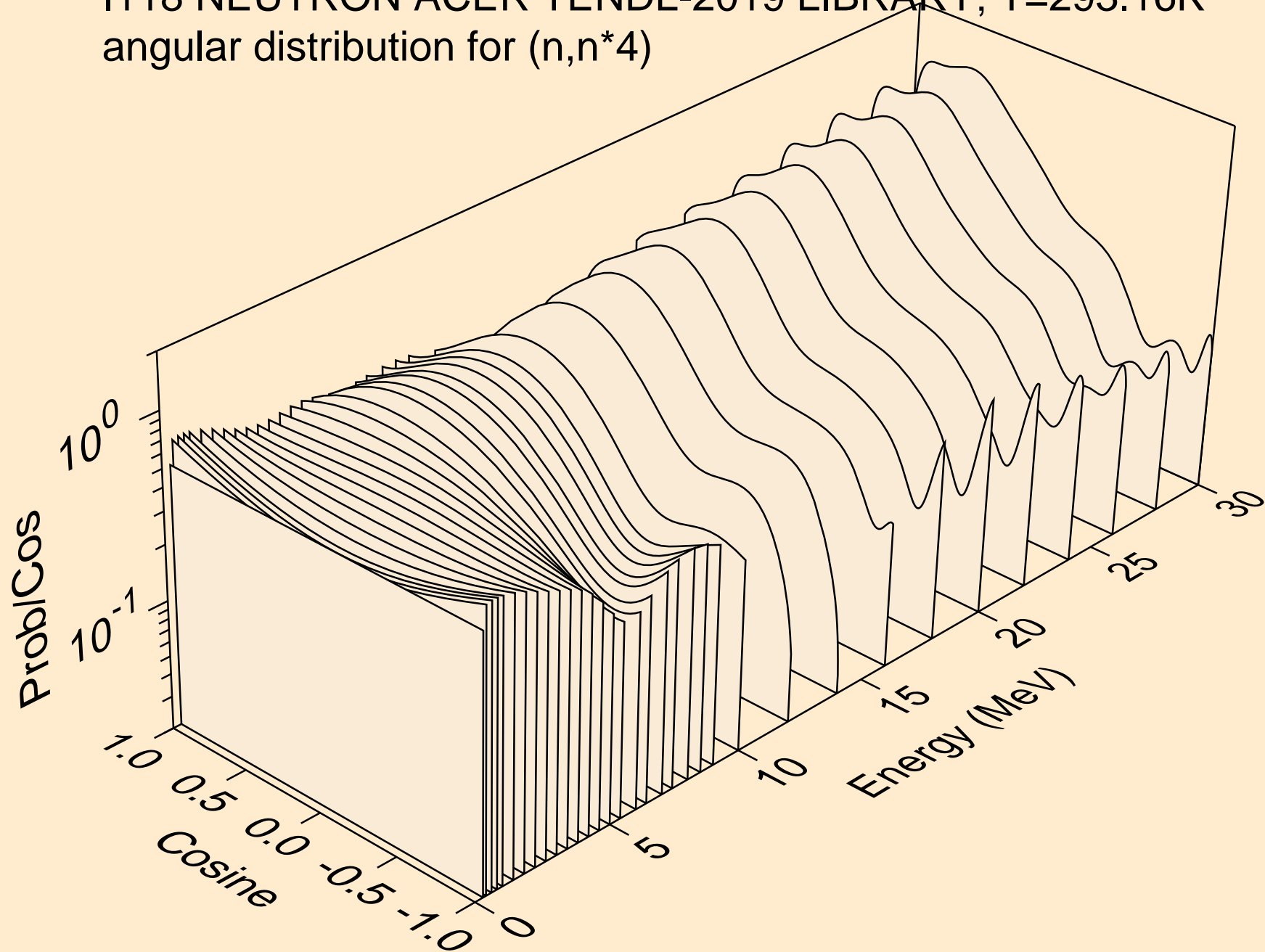
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angular distribution for (n,n*2)



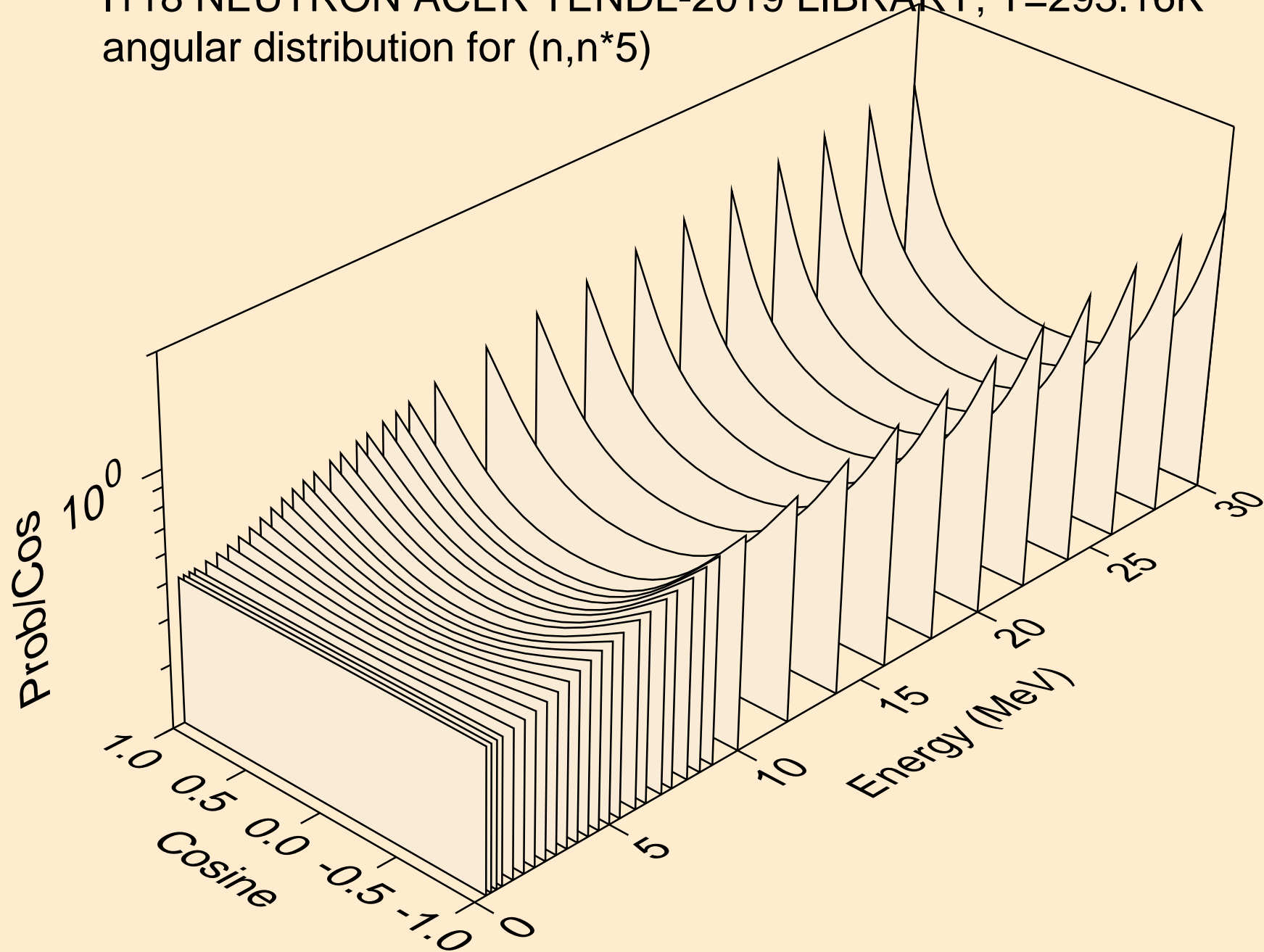
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angular distribution for (n,n*3)



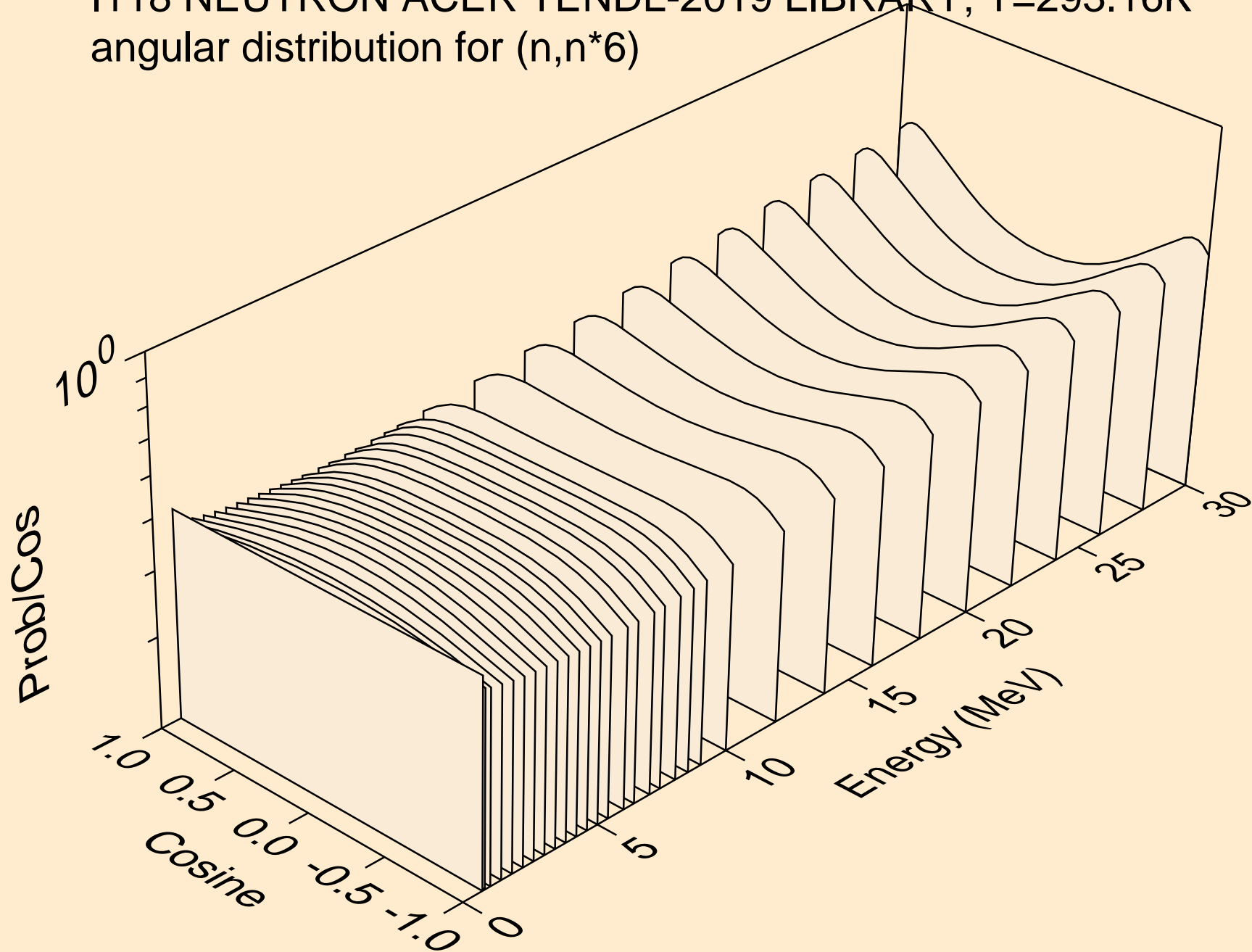
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angular distribution for (n,n*4)



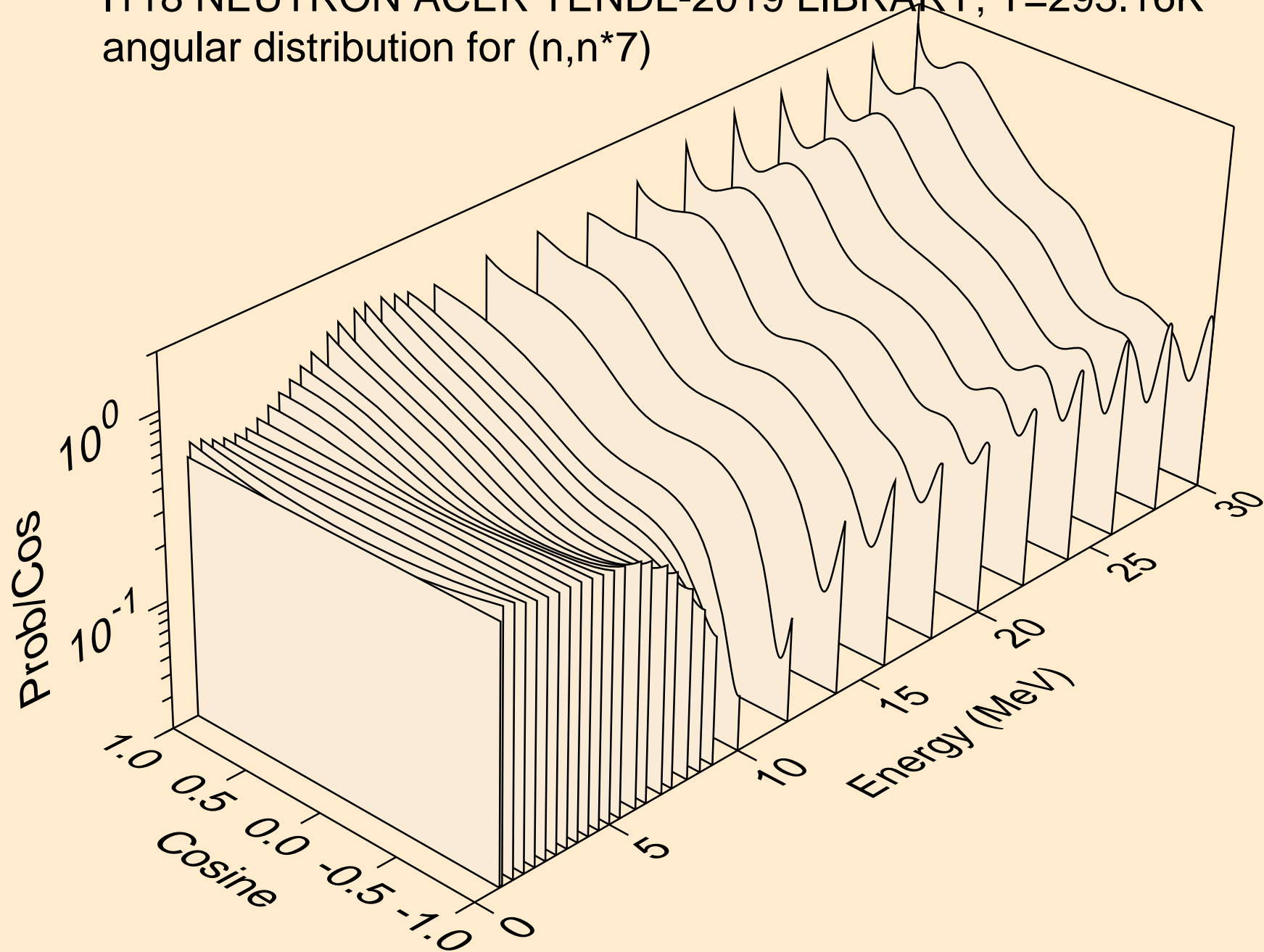
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angular distribution for (n,n*5)



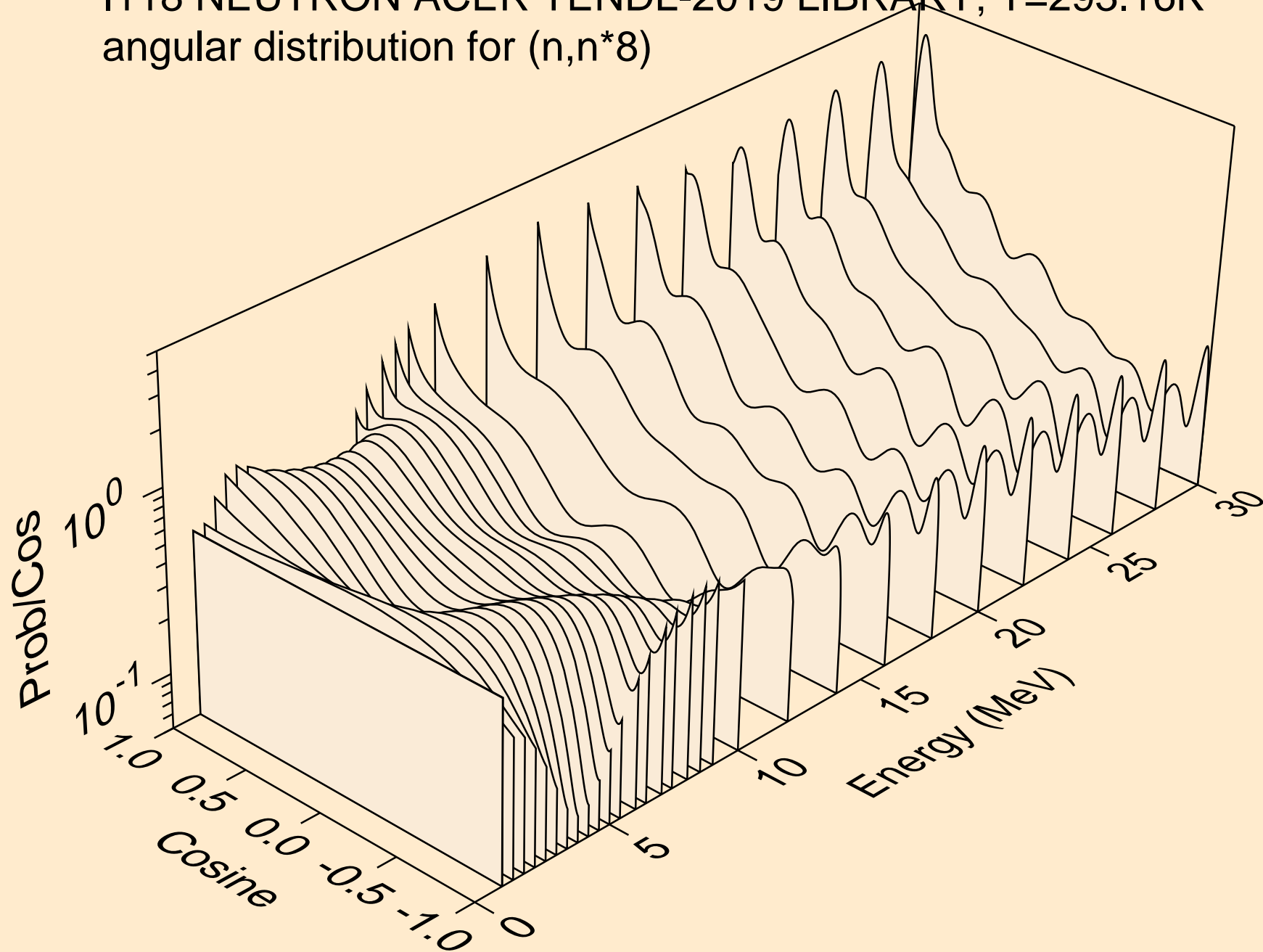
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angular distribution for (n,n*6)



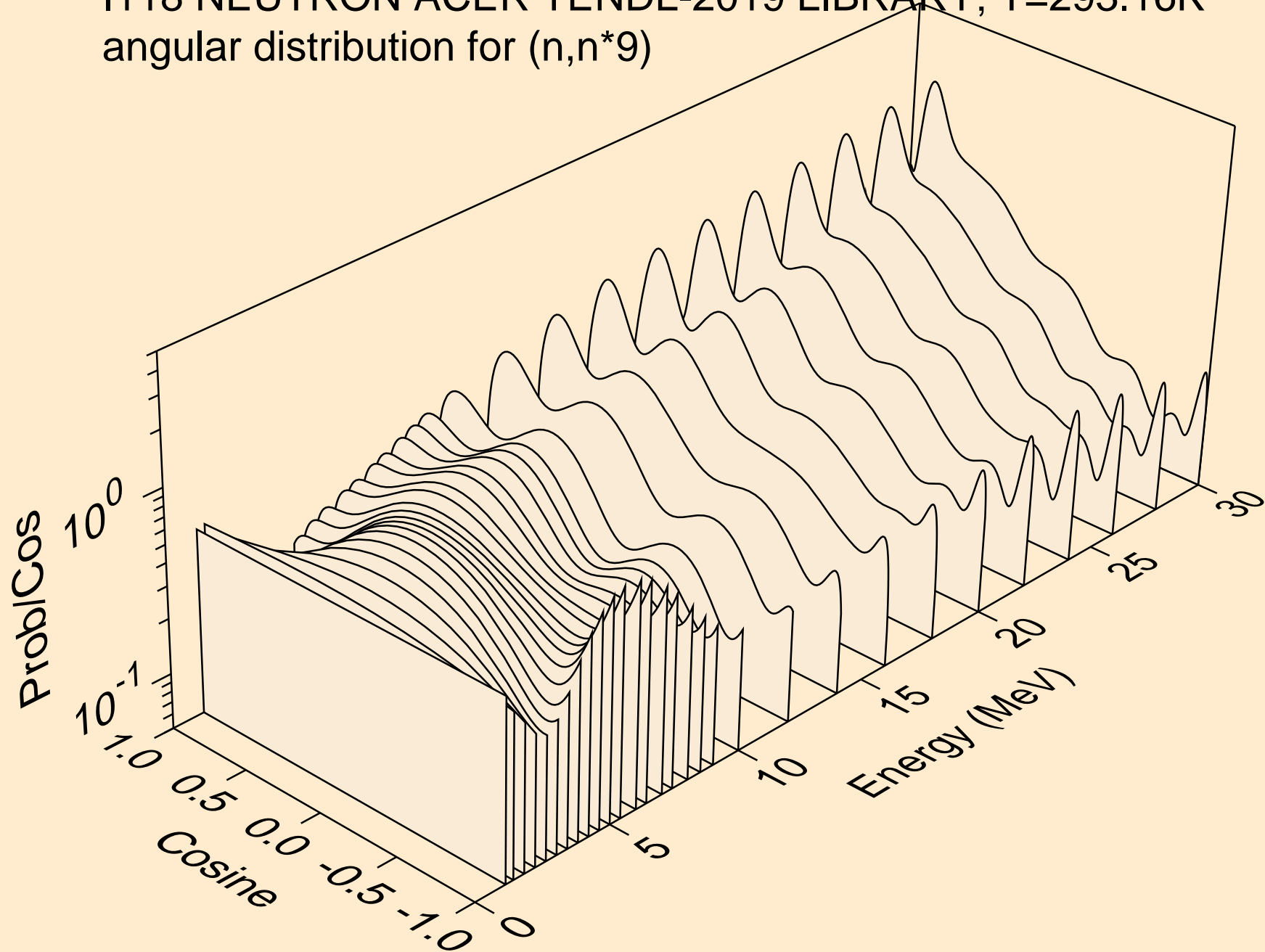
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angular distribution for (n,n*7)



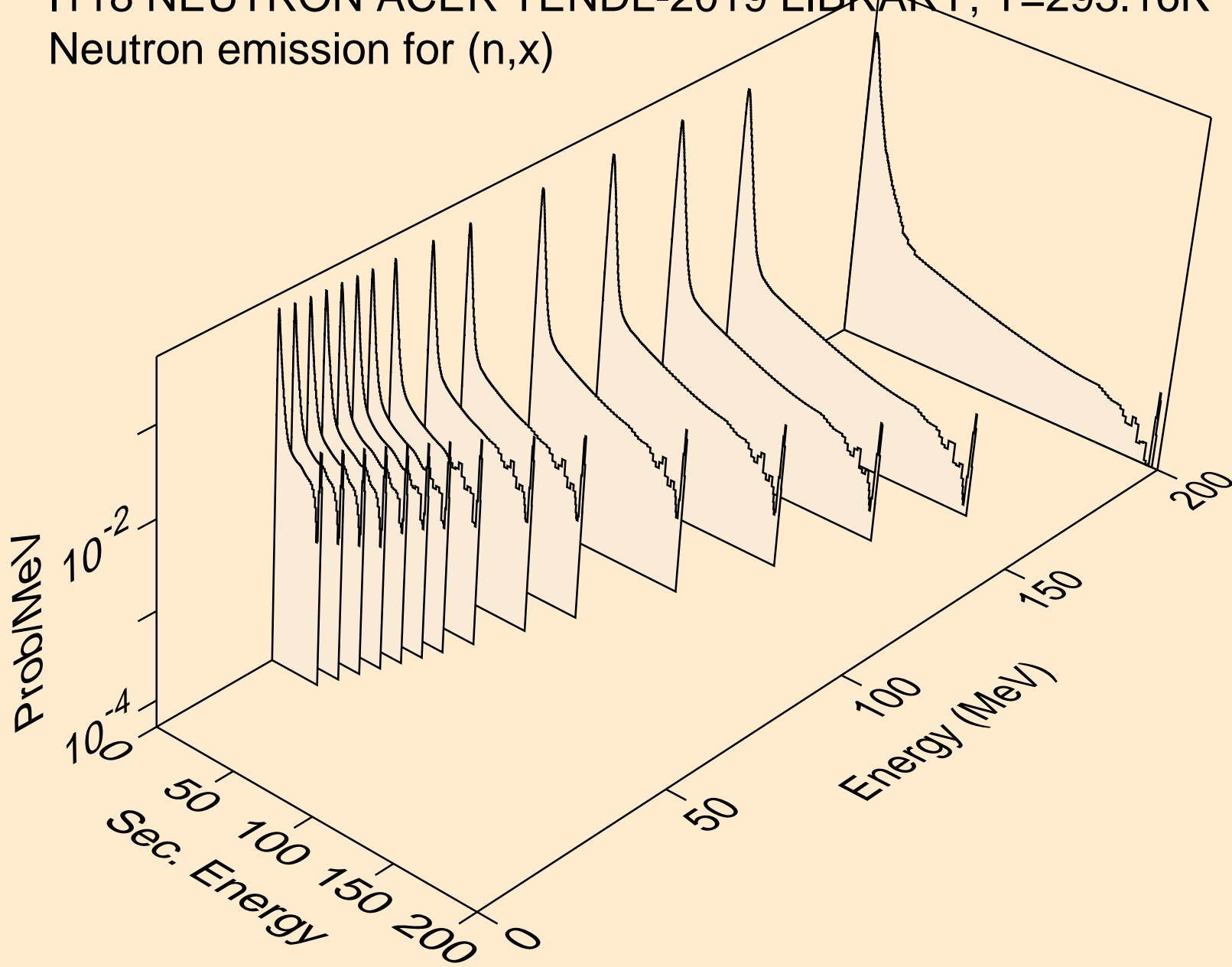
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angular distribution for (n,n*8)



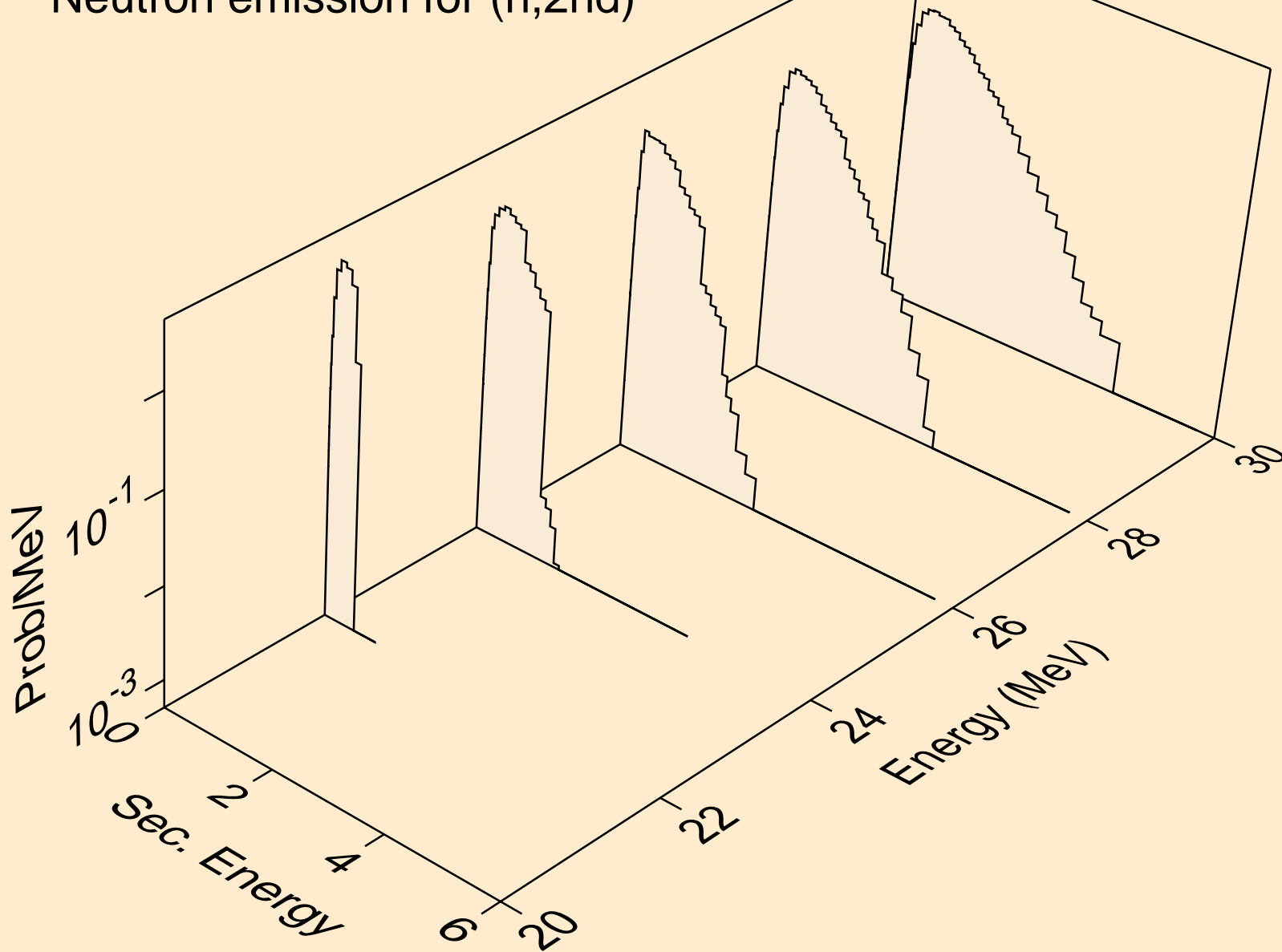
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angular distribution for (n,n*9)



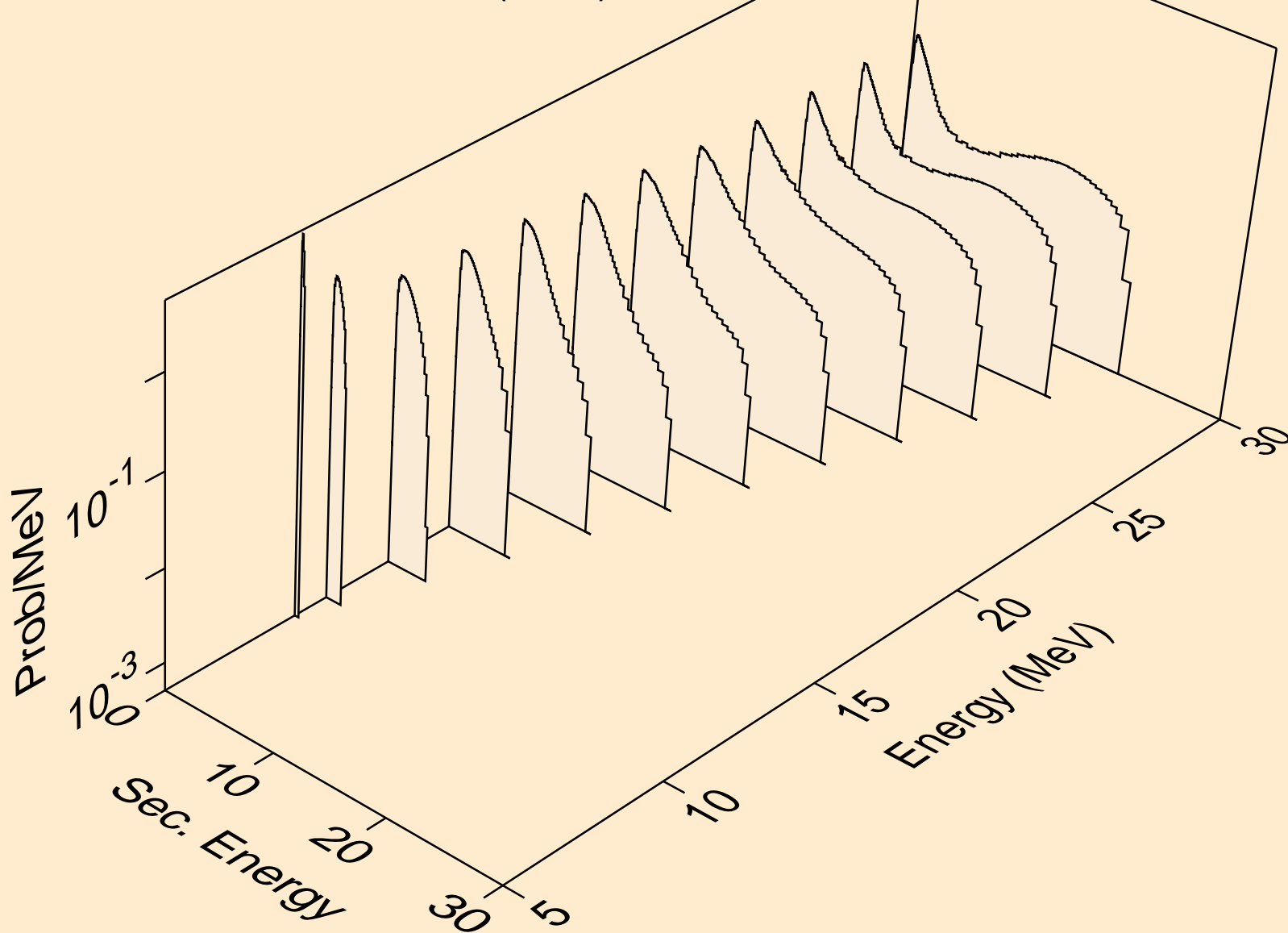
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



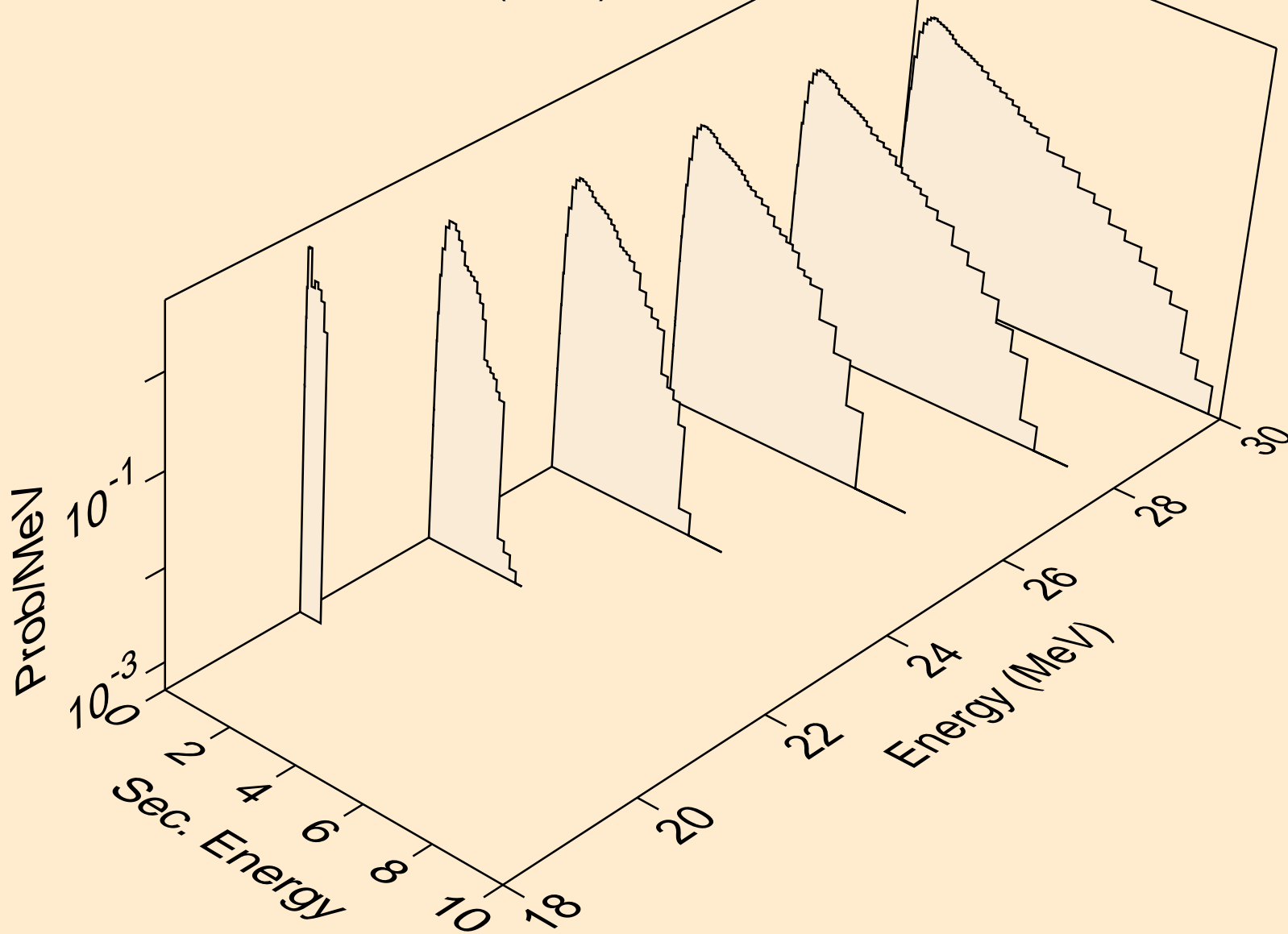
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



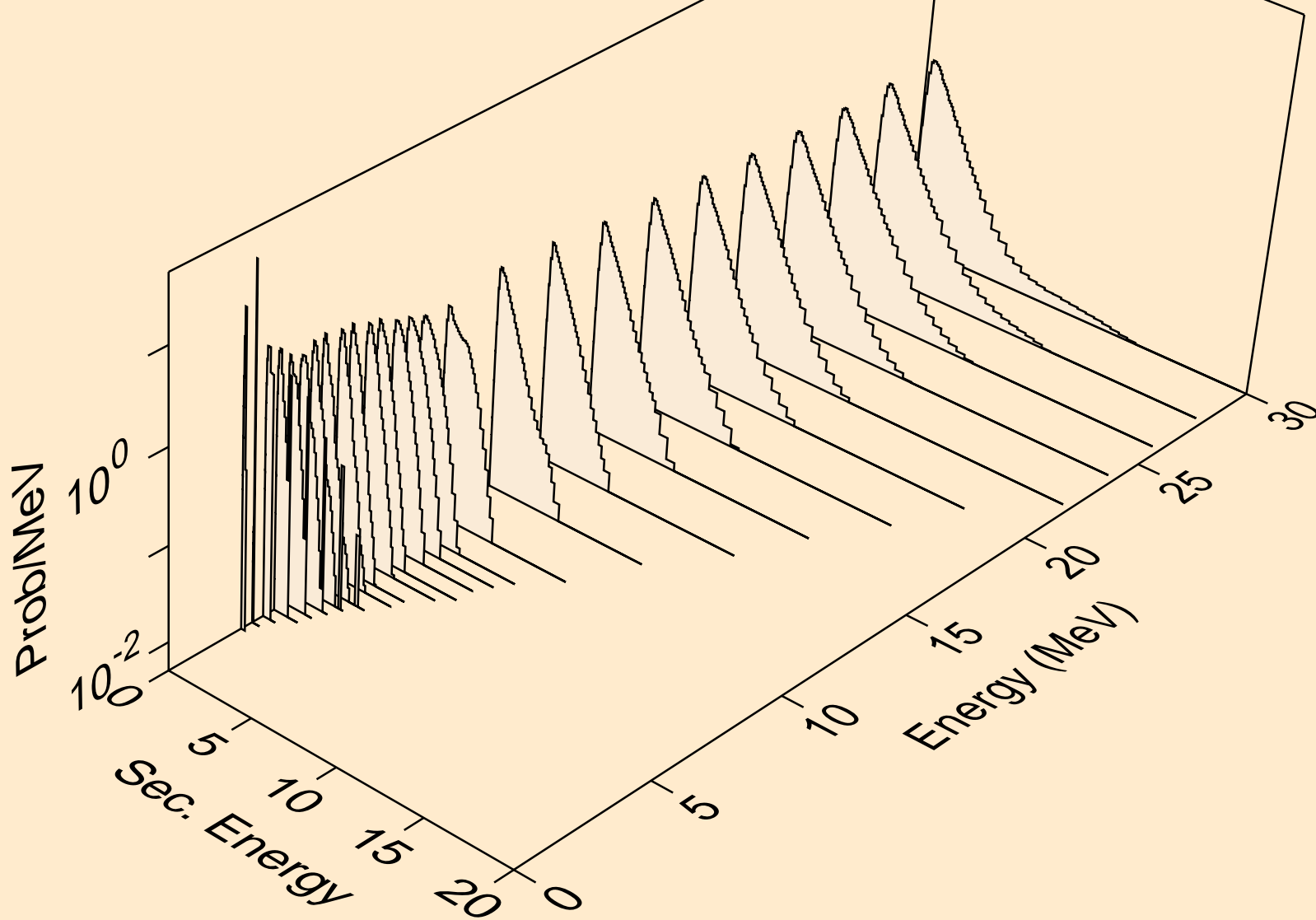
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



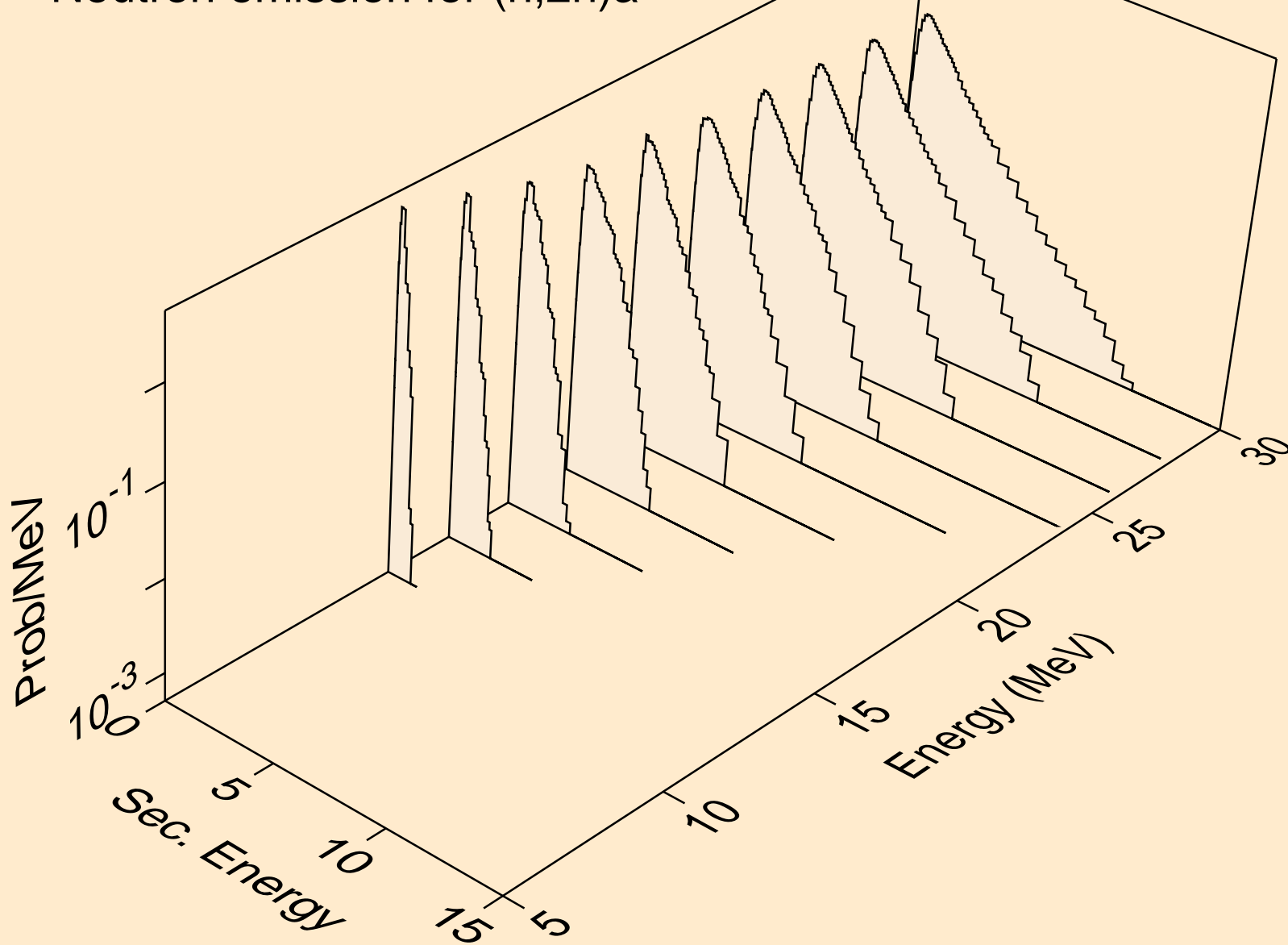
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



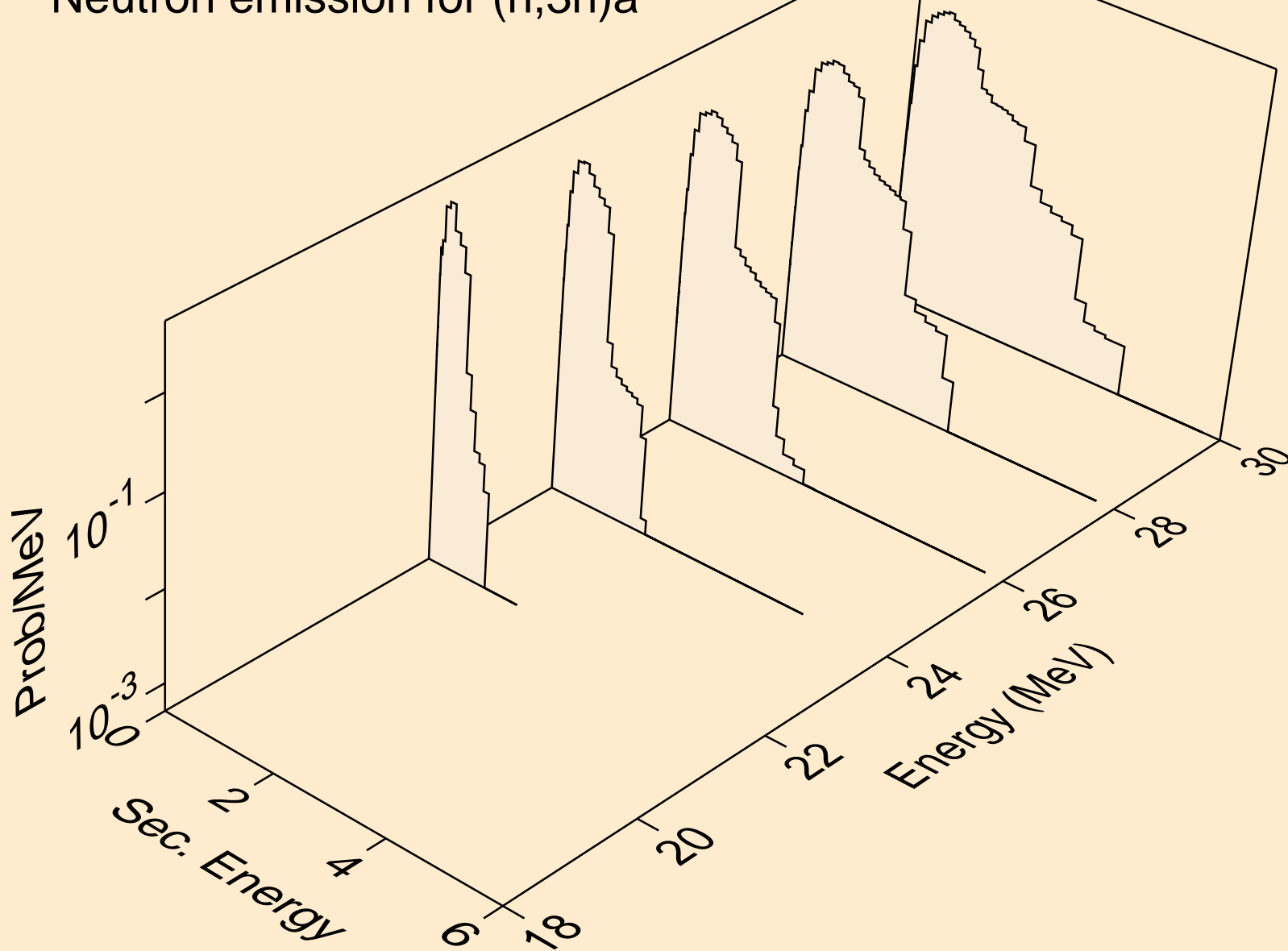
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



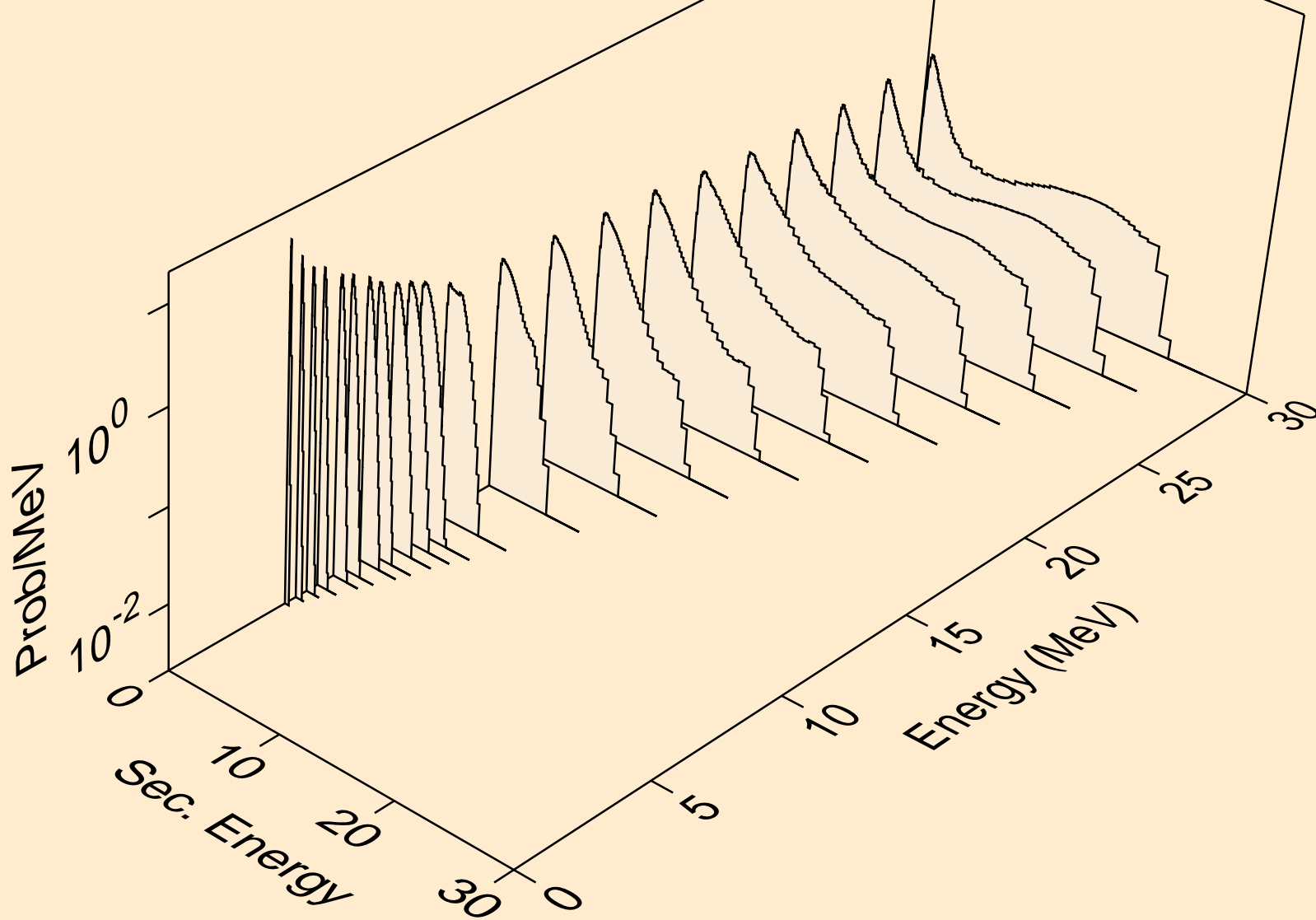
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



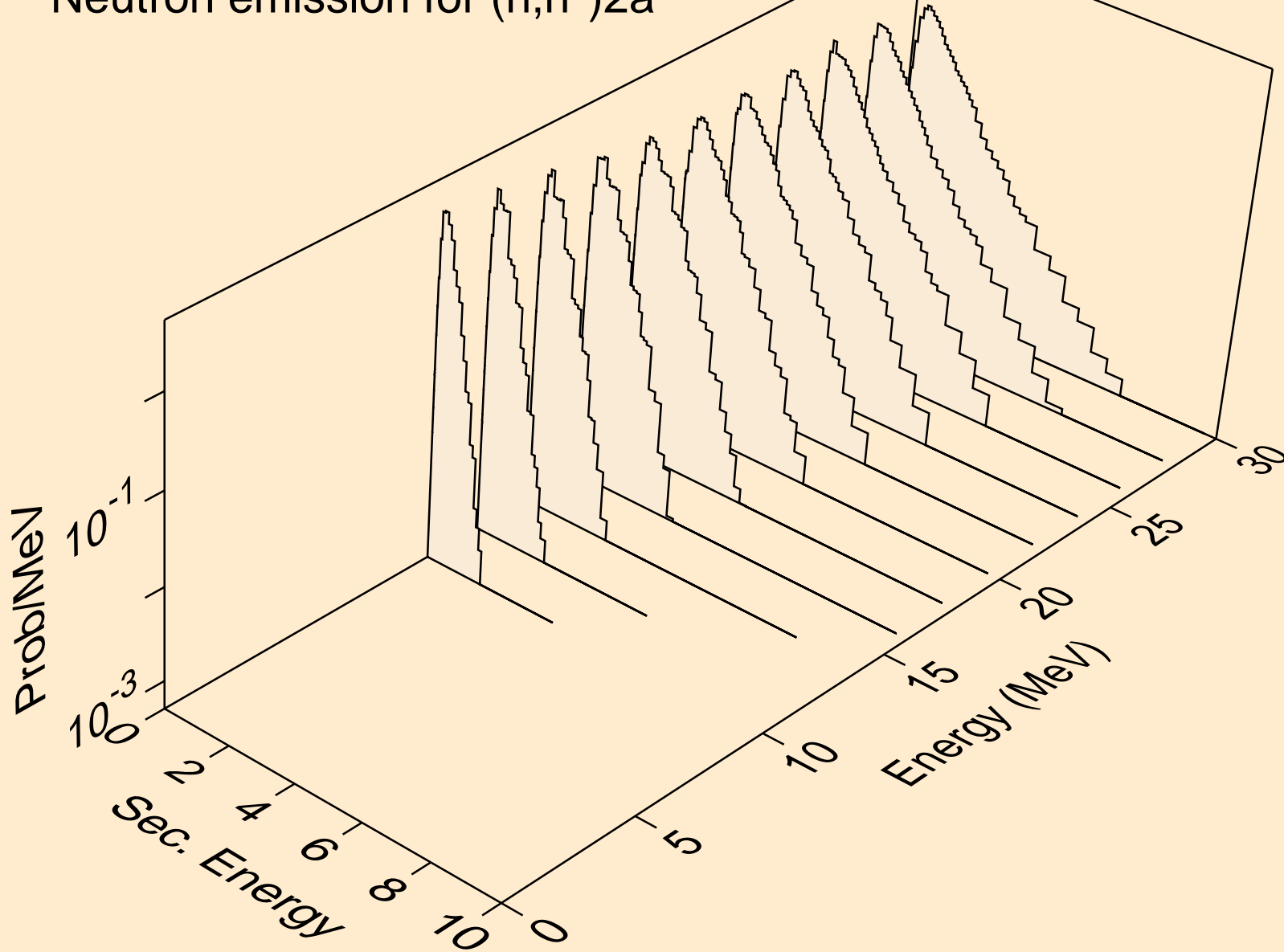
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Neutron emission for (n,3n)a



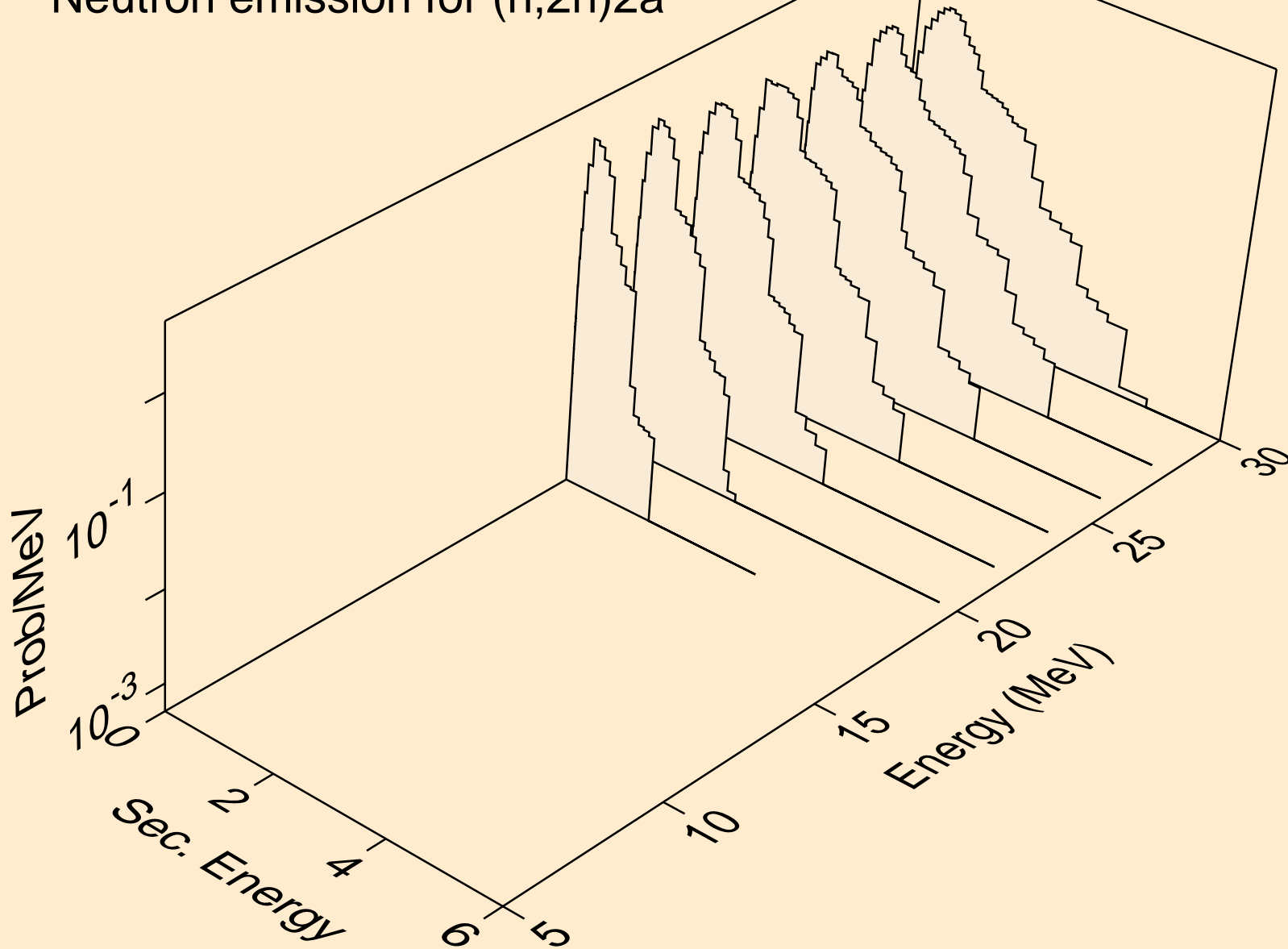
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



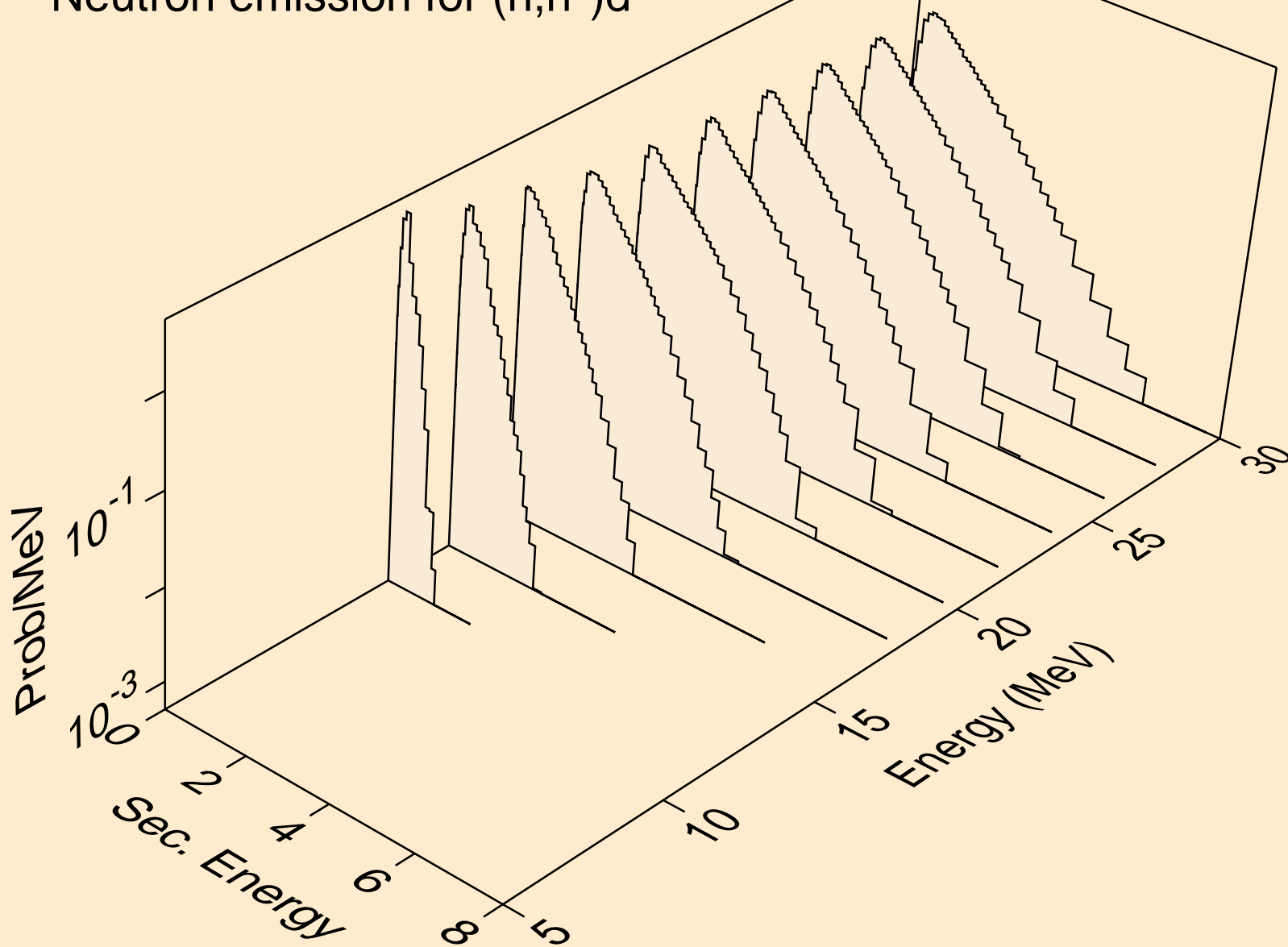
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Neutron emission for (n,n*)2a



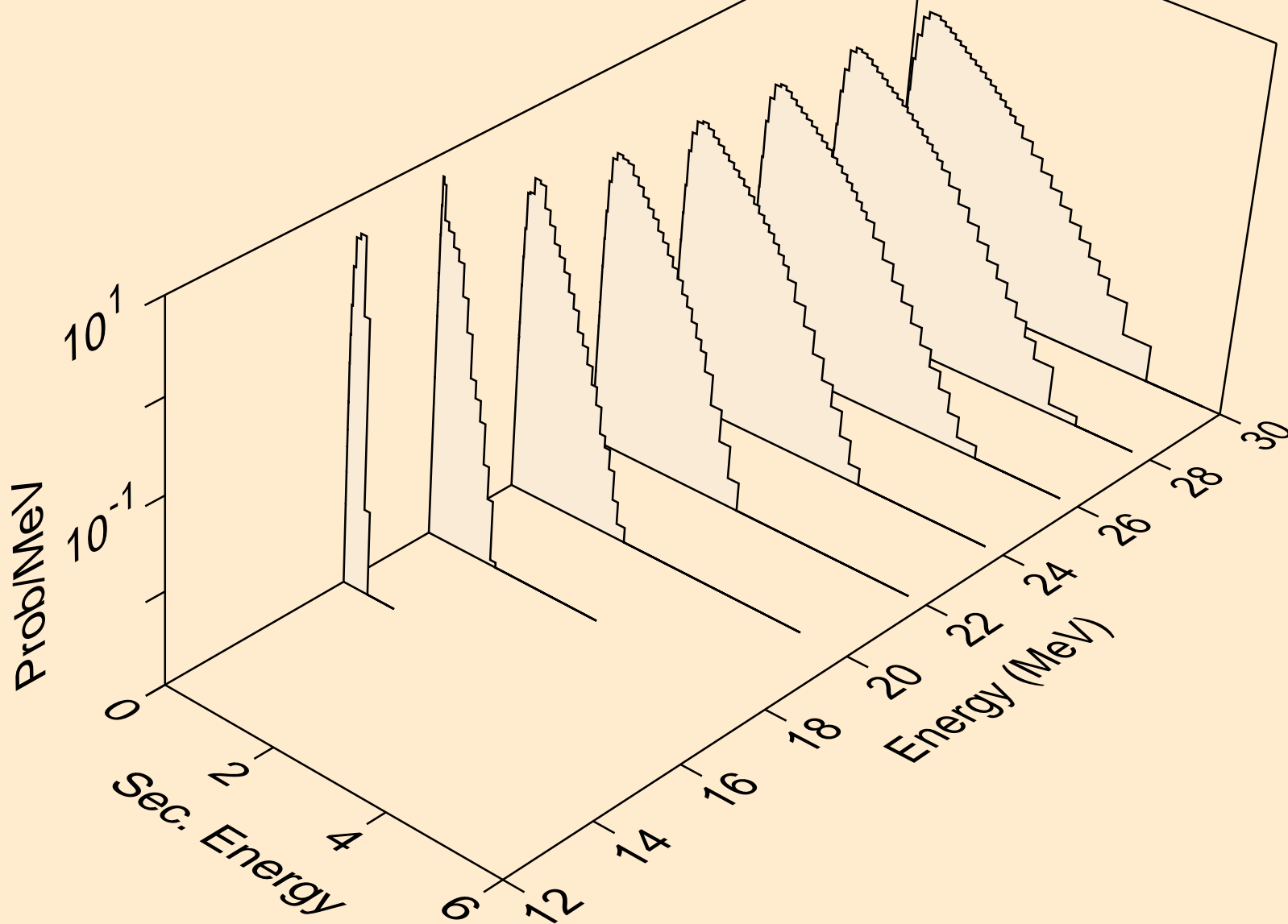
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



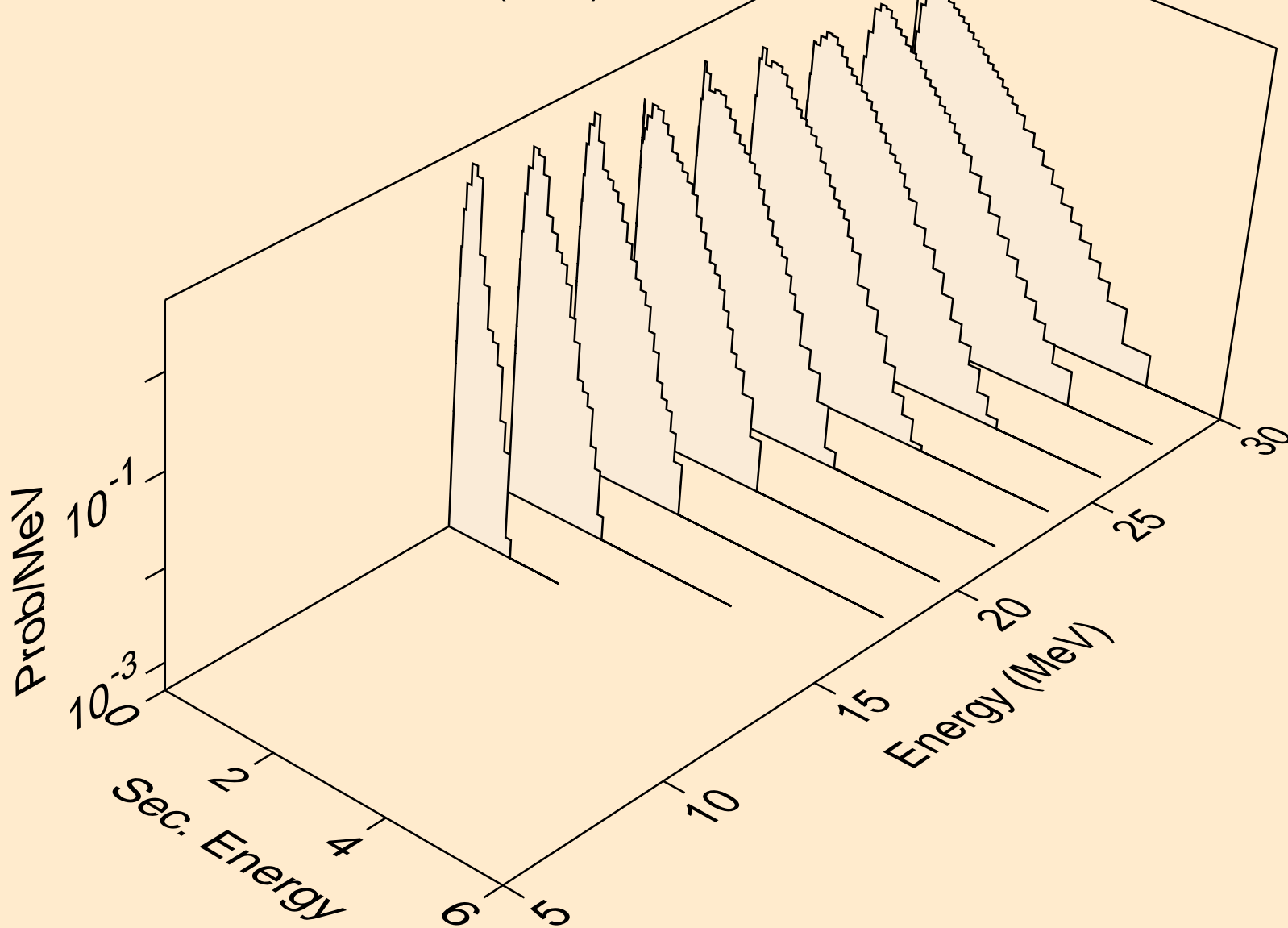
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



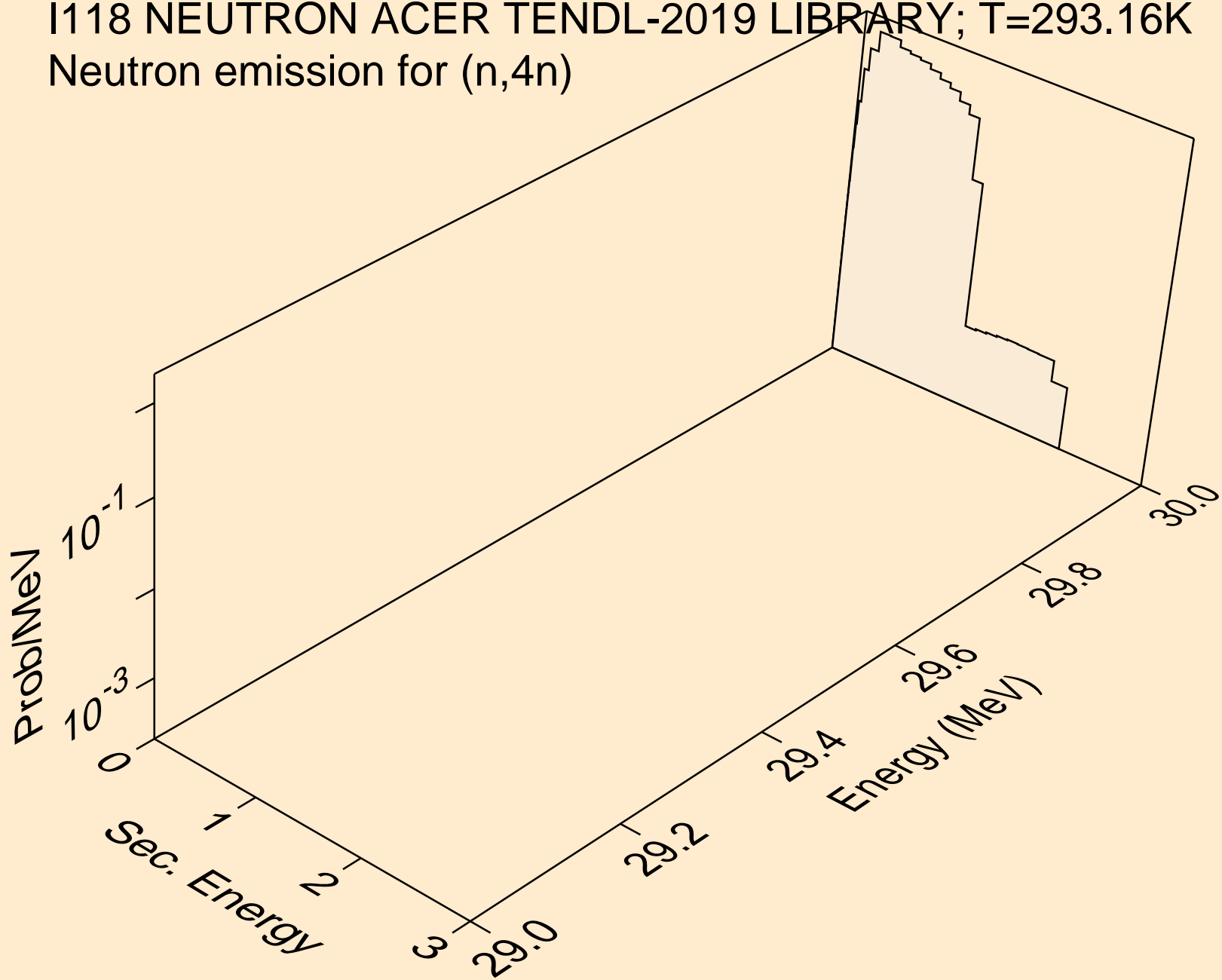
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



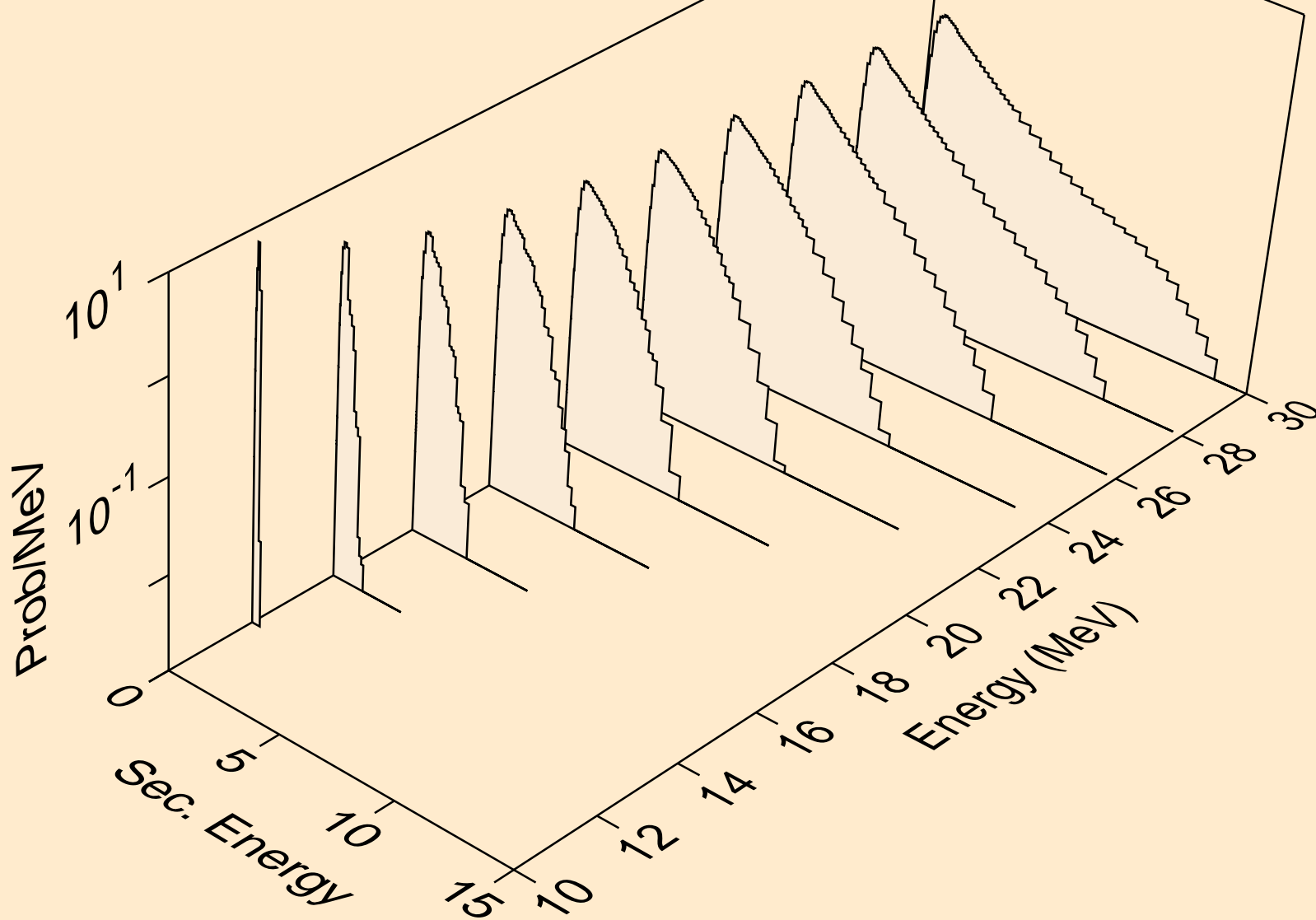
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



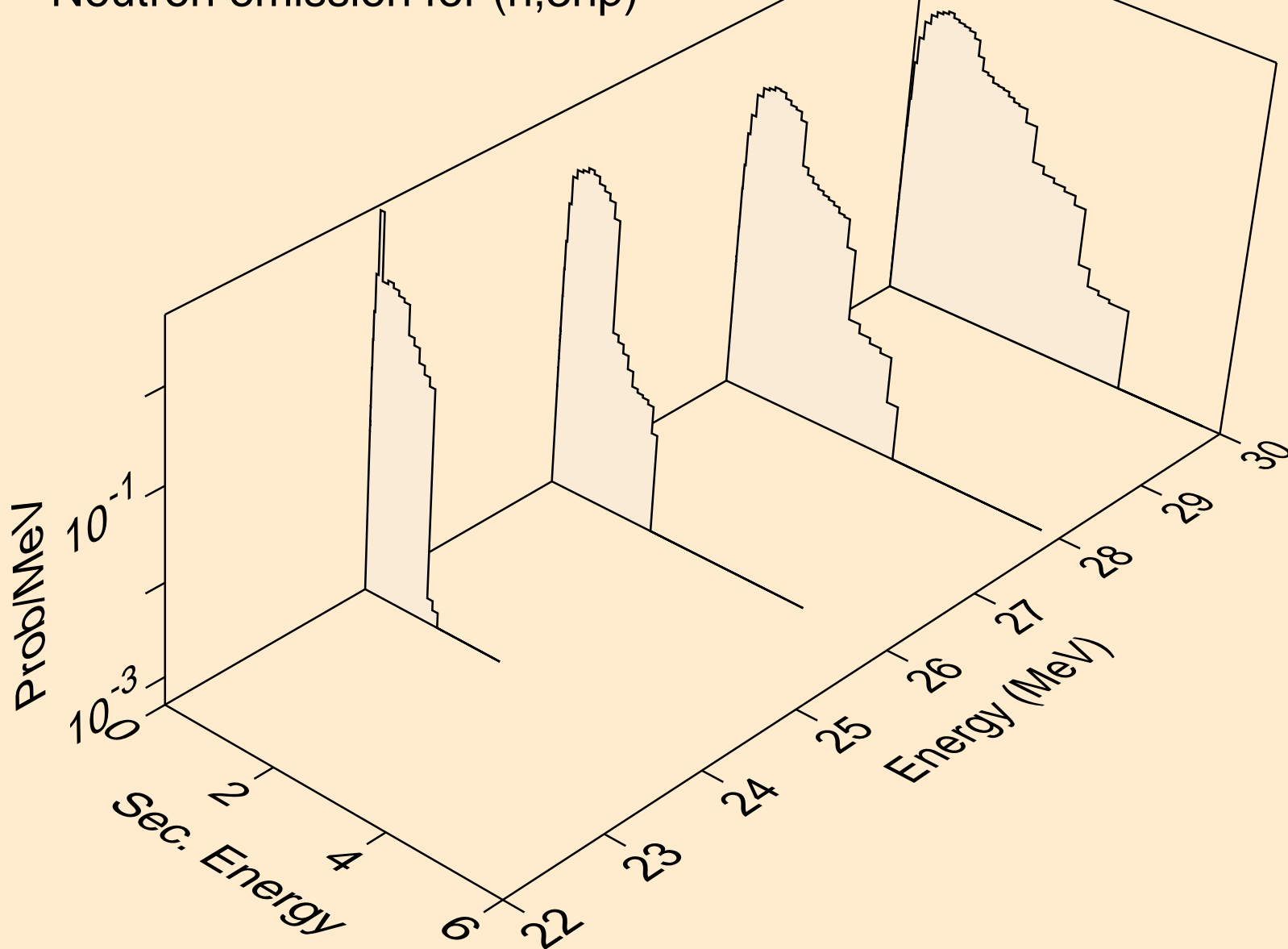
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Neutron emission for (n,4n)



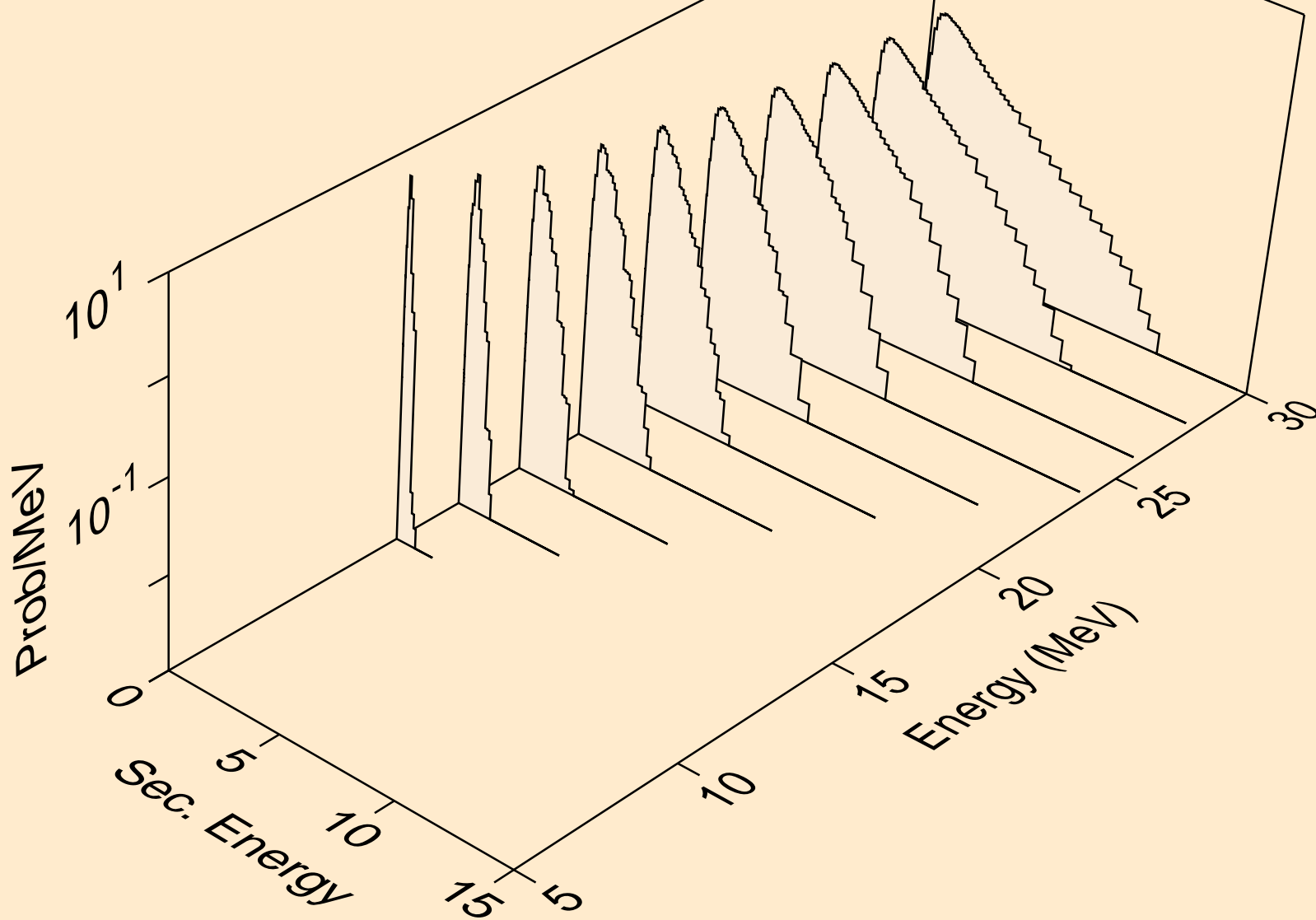
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Neutron emission for (n,2np)



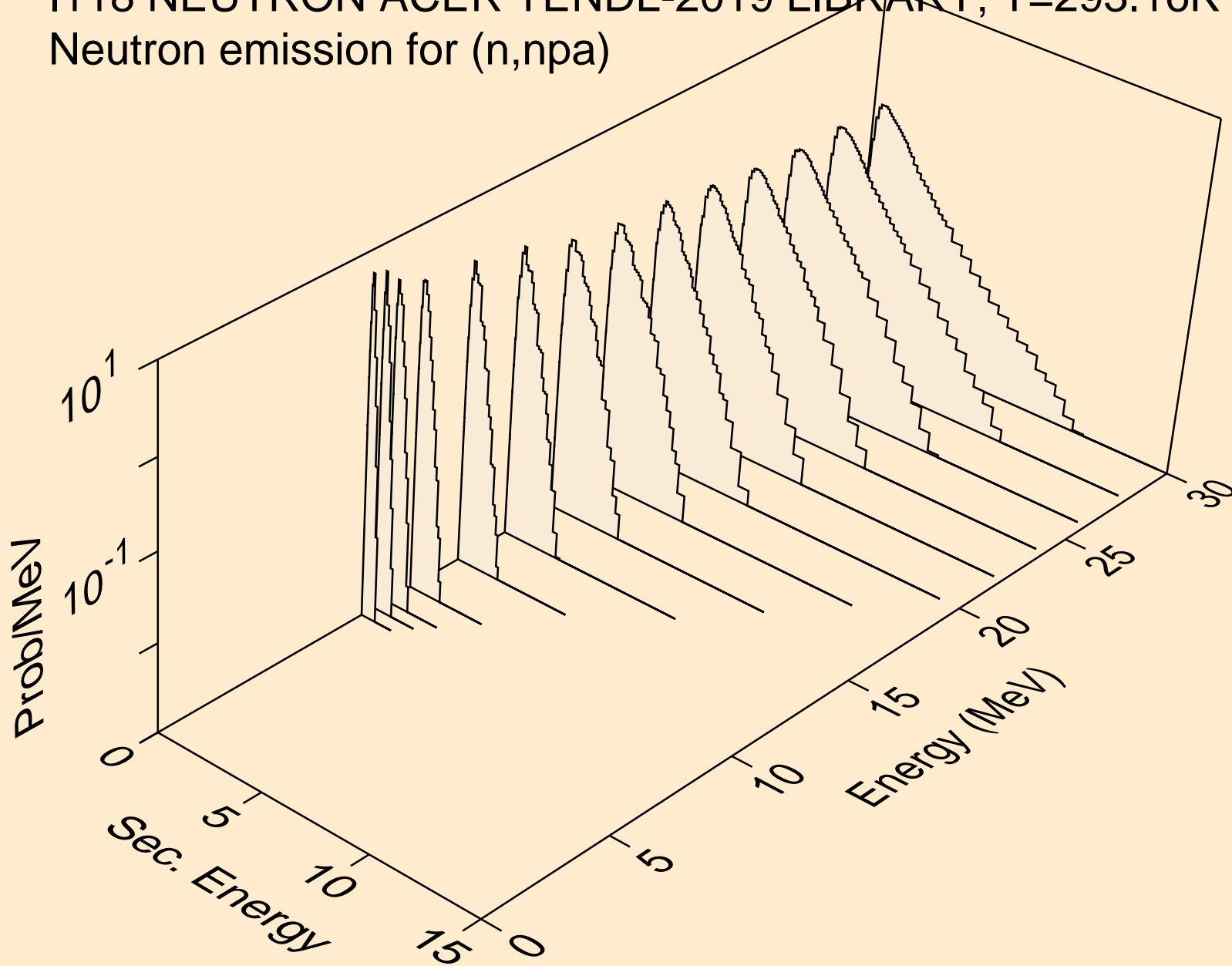
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Neutron emission for (n,3np)



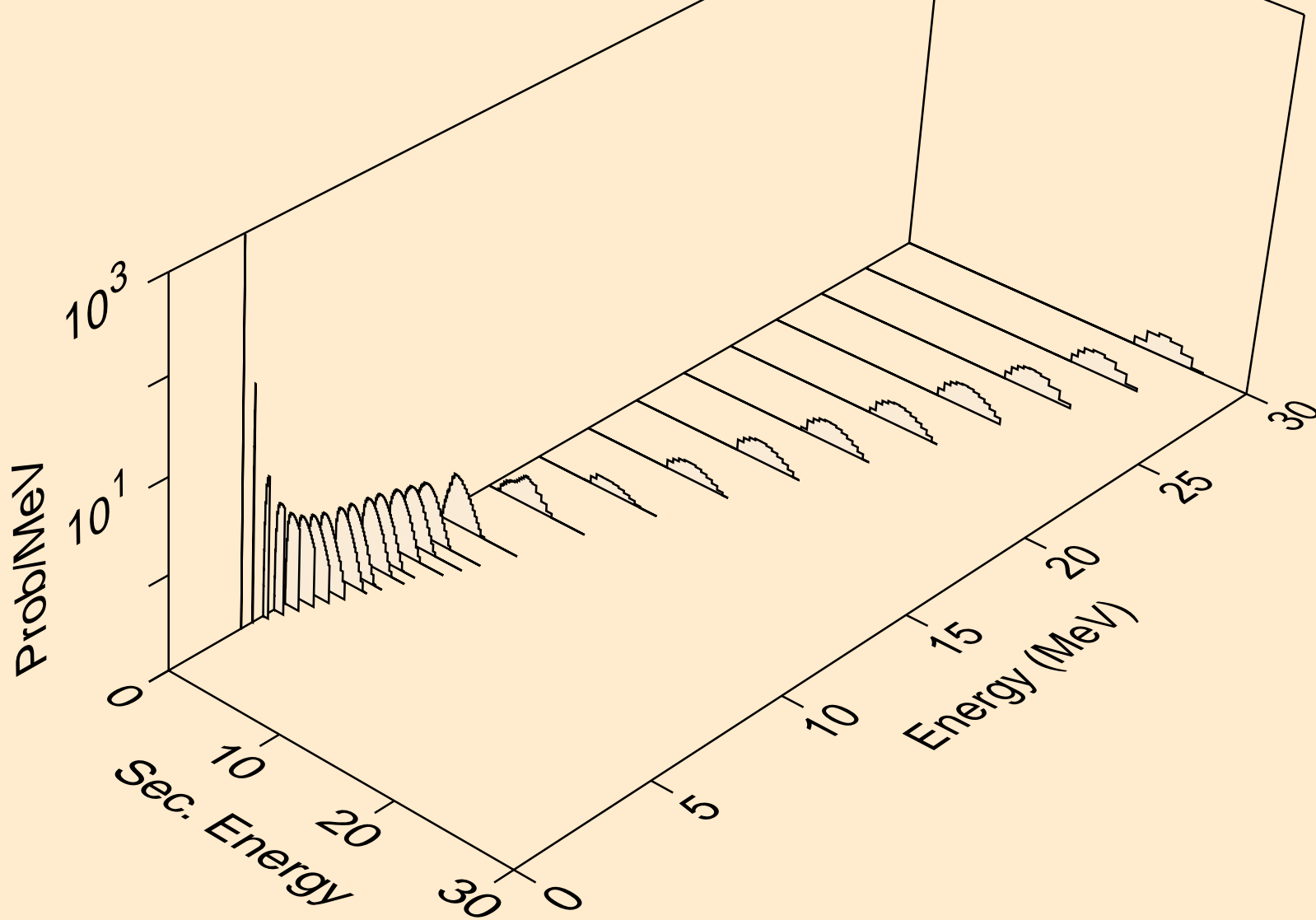
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Neutron emission for (n,2np)



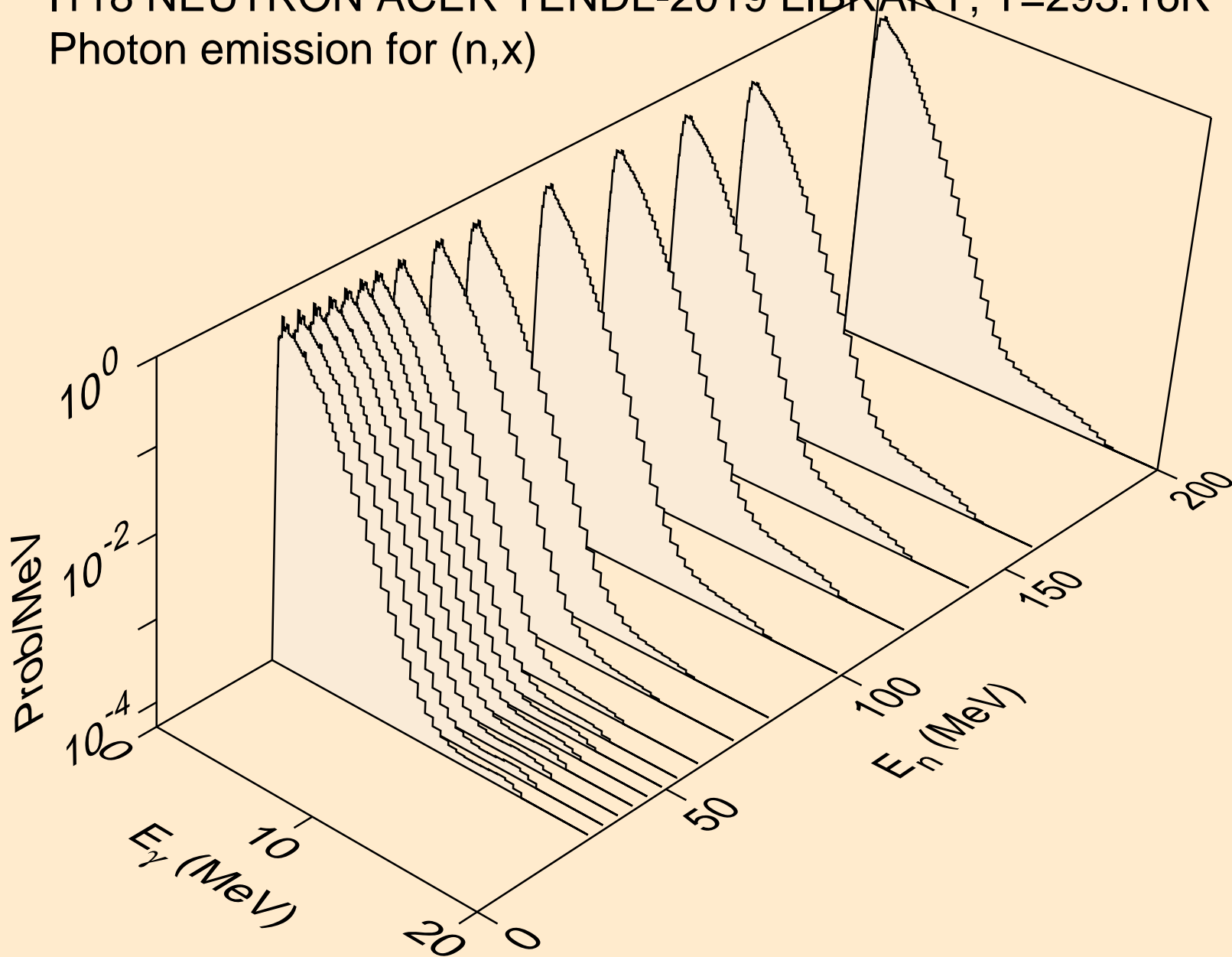
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Neutron emission for (n,npa)



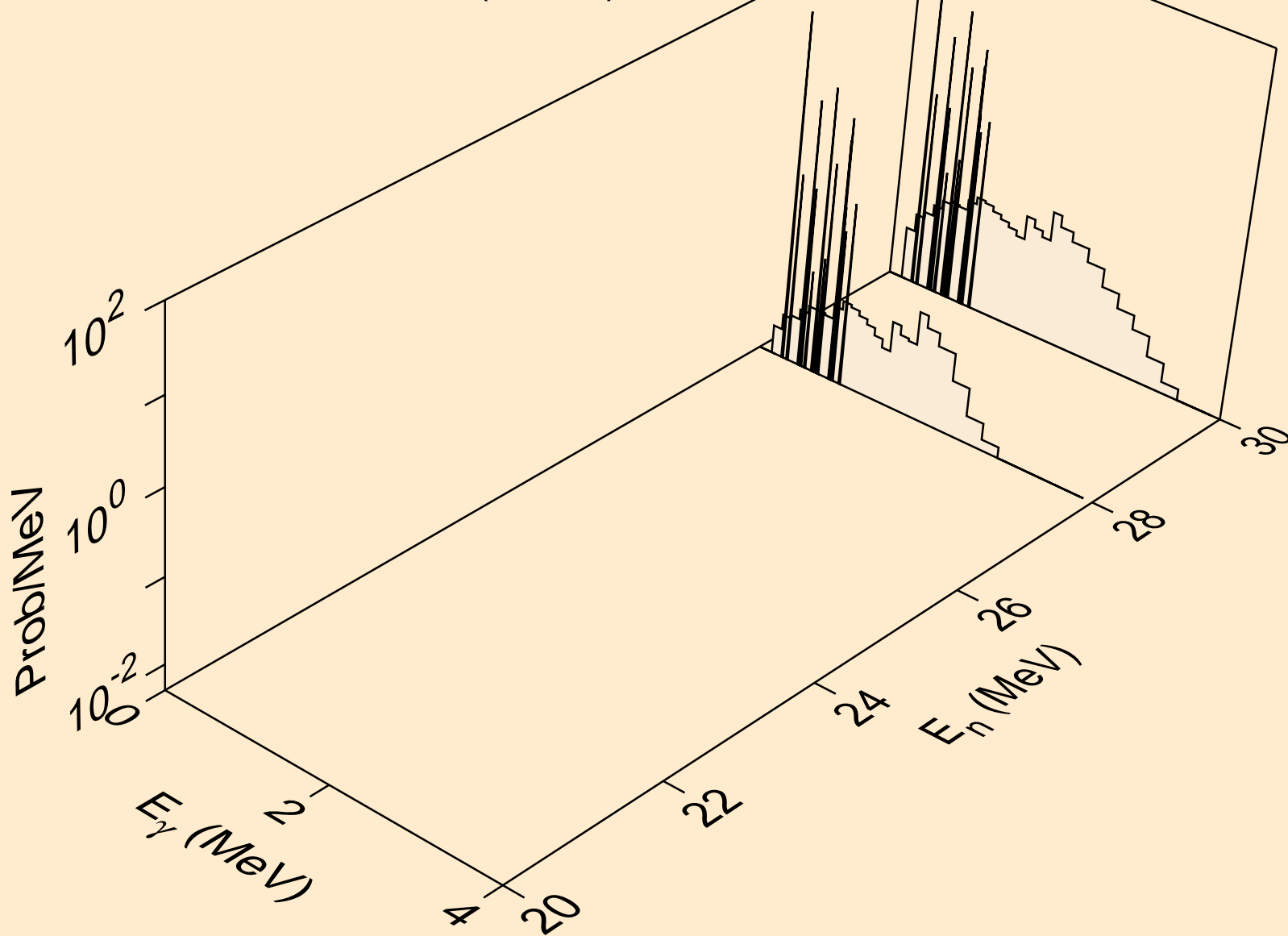
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



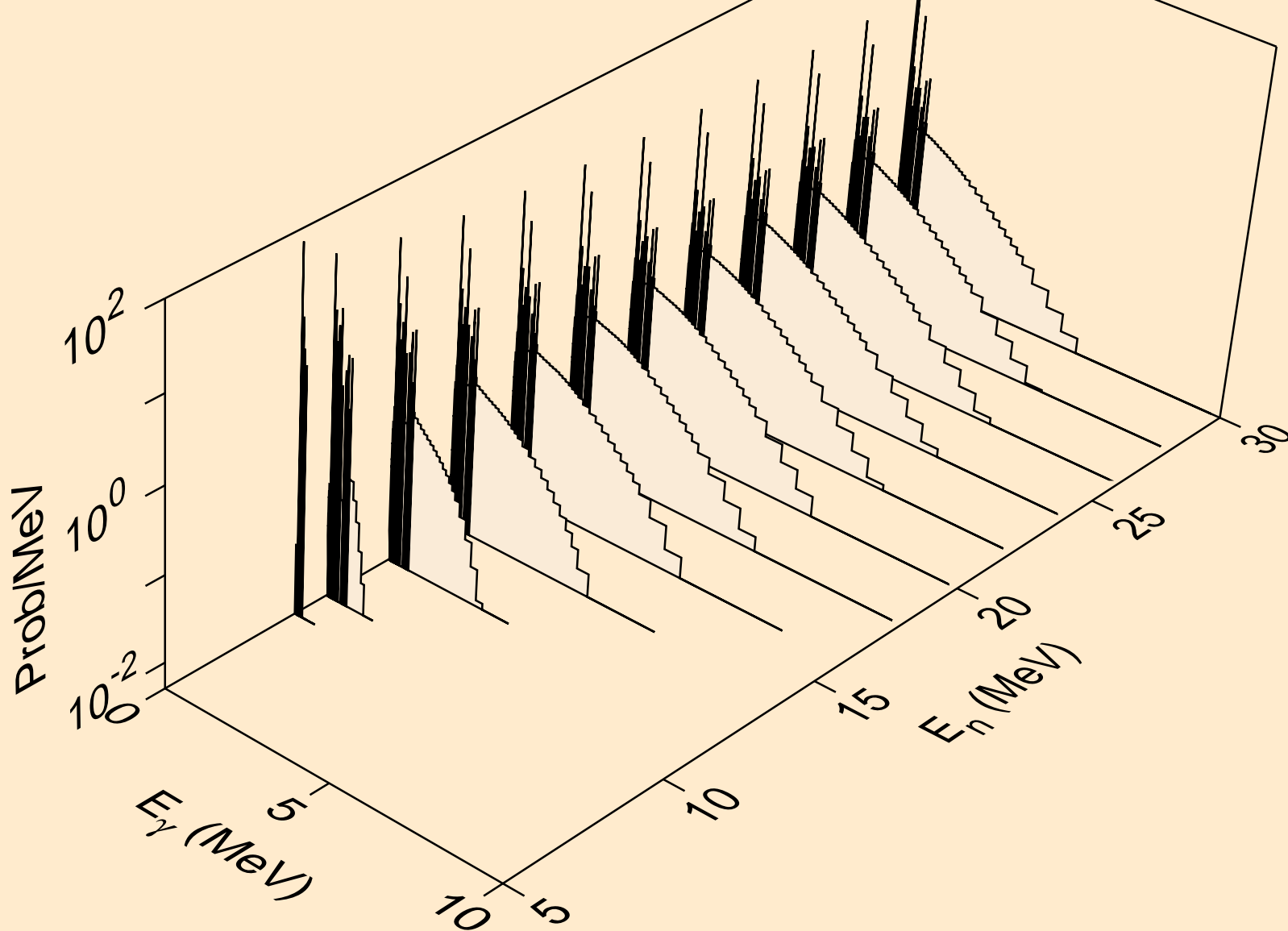
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



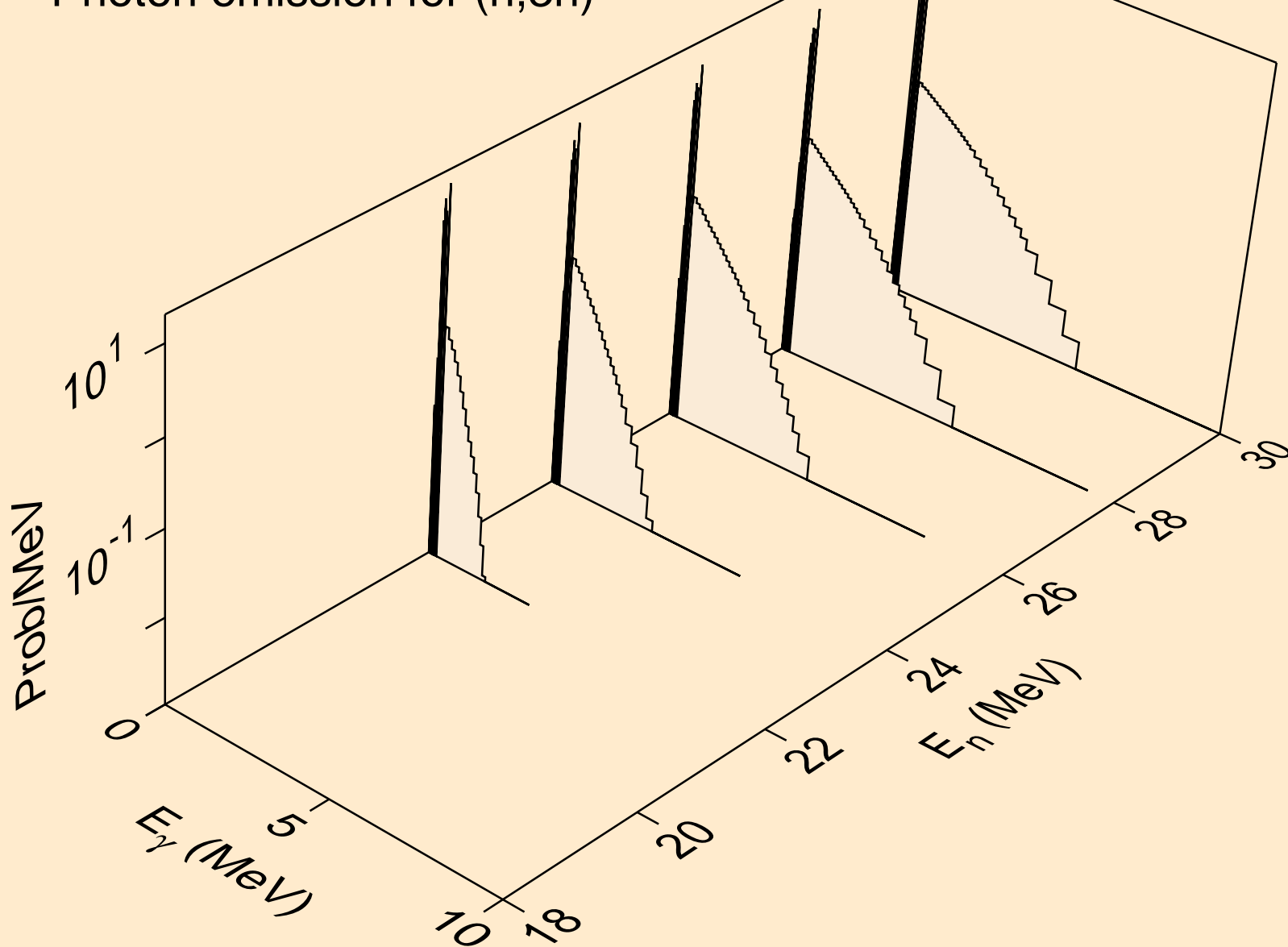
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



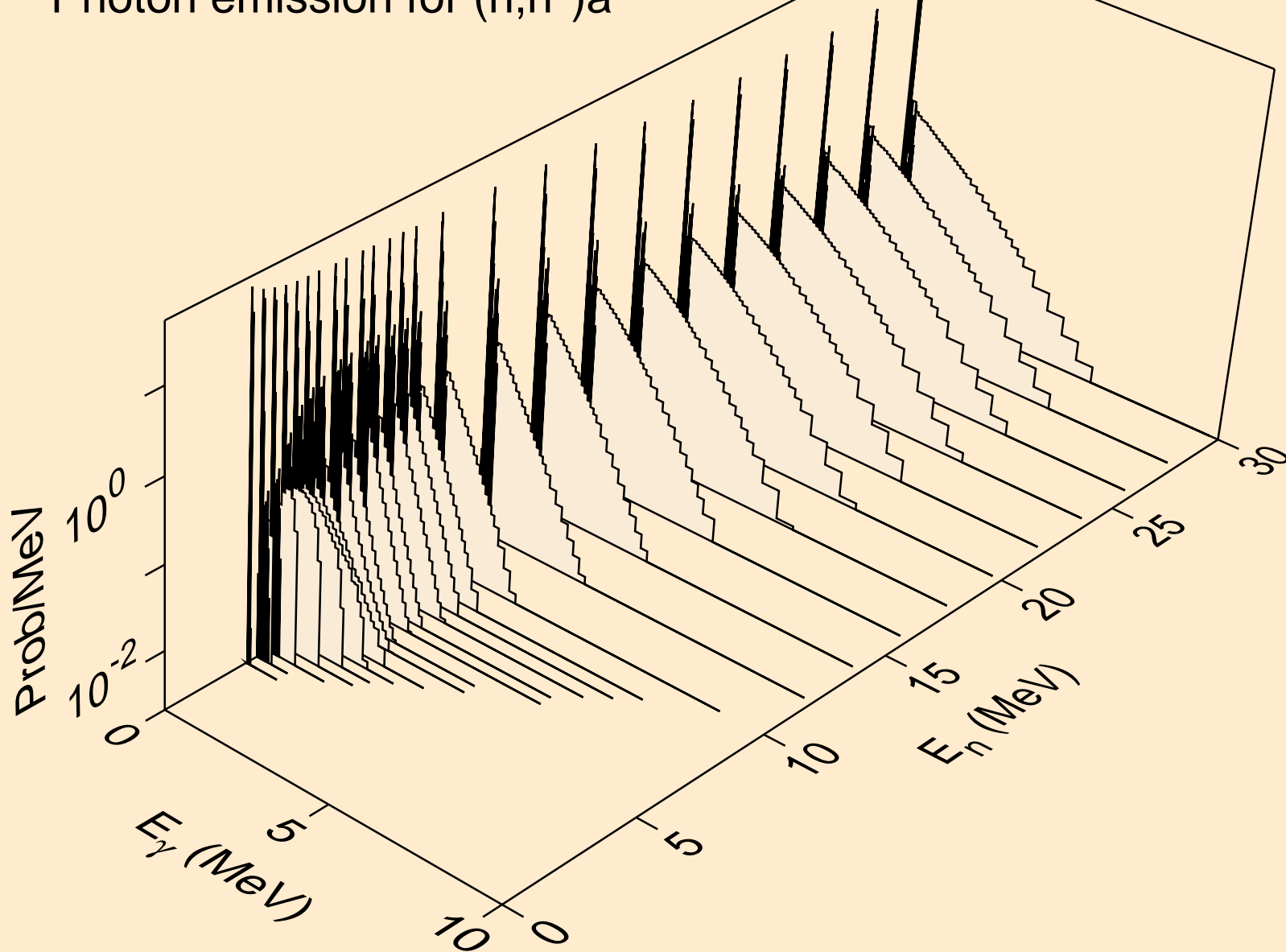
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Photon emission for (n,2n)



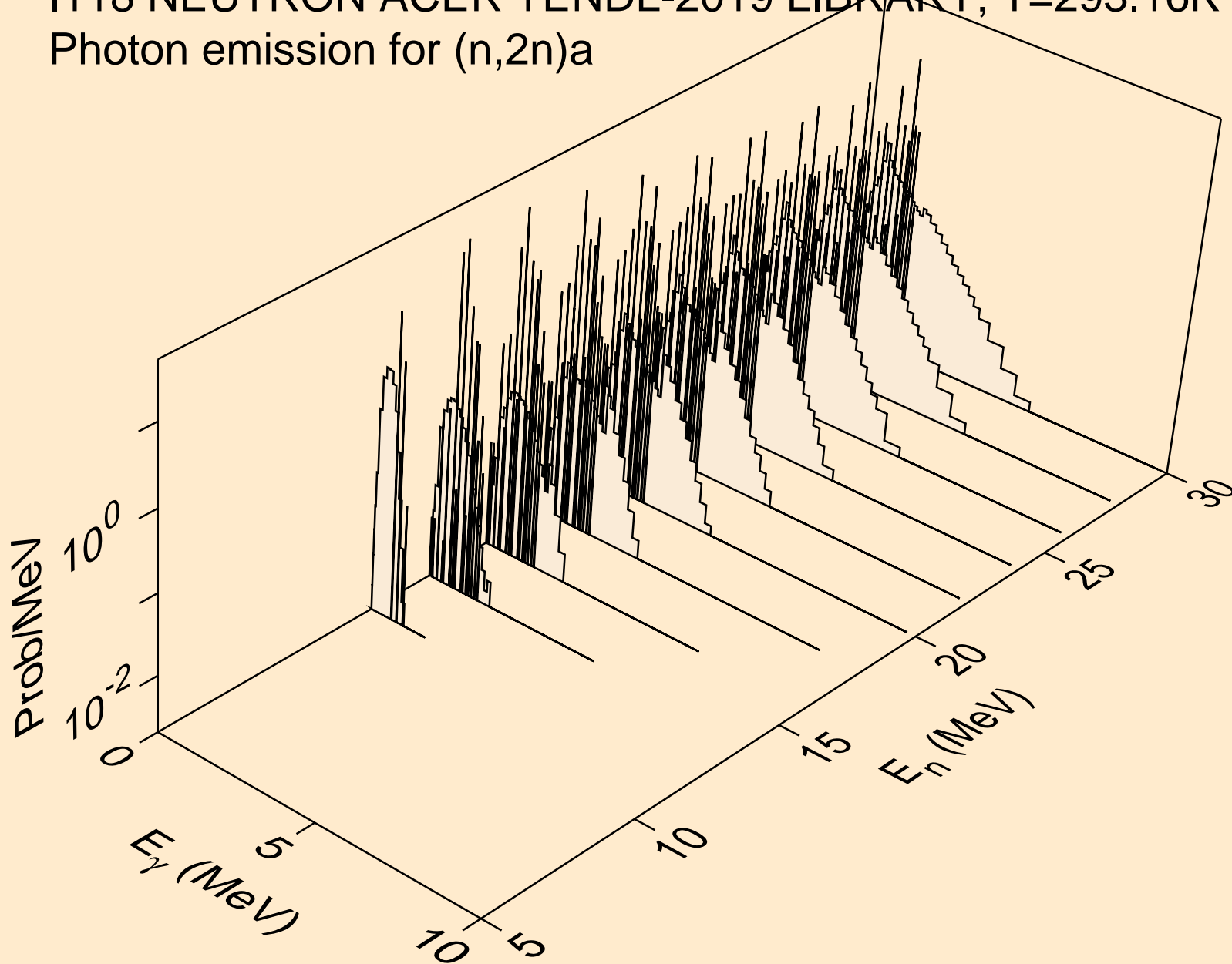
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



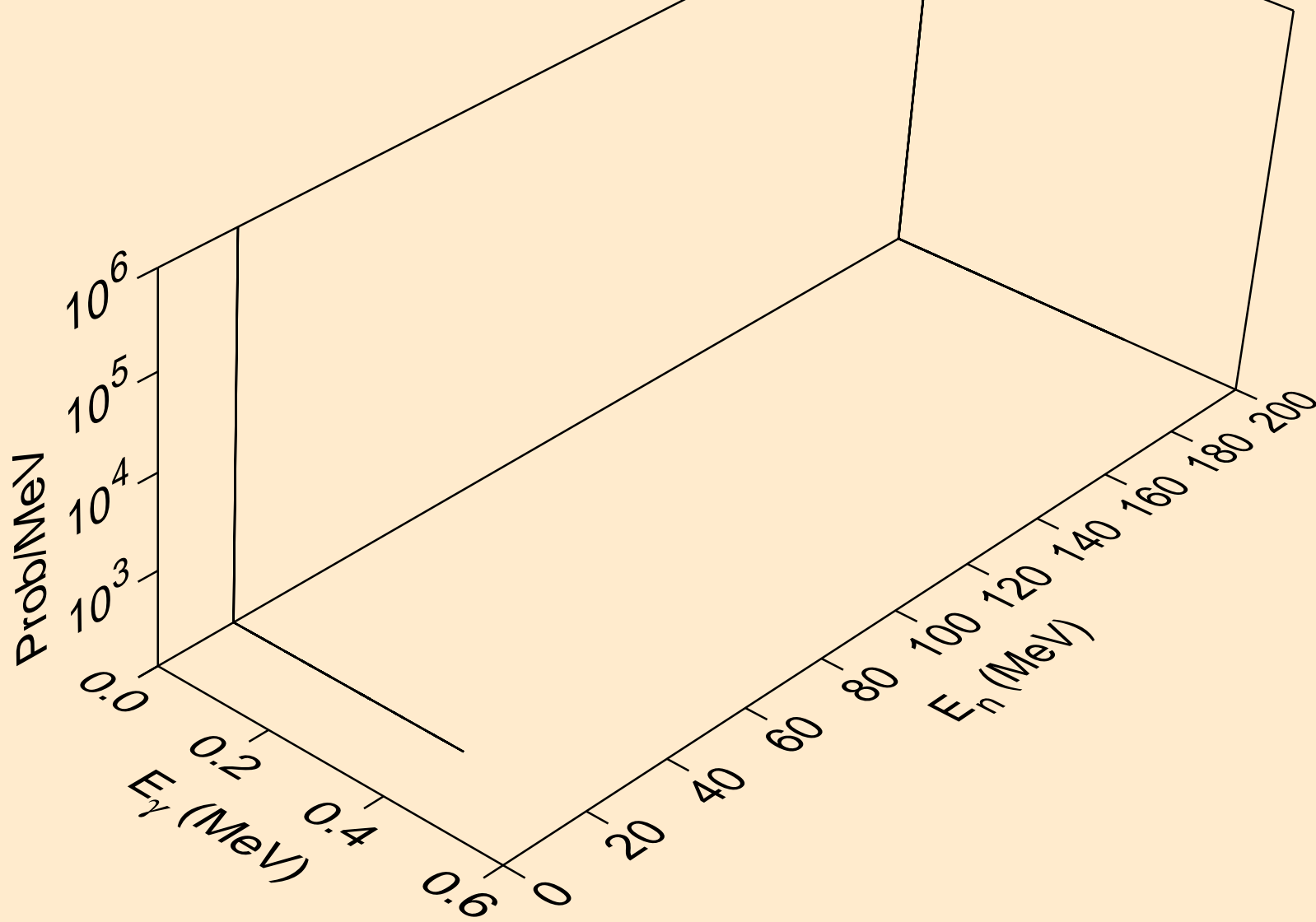
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



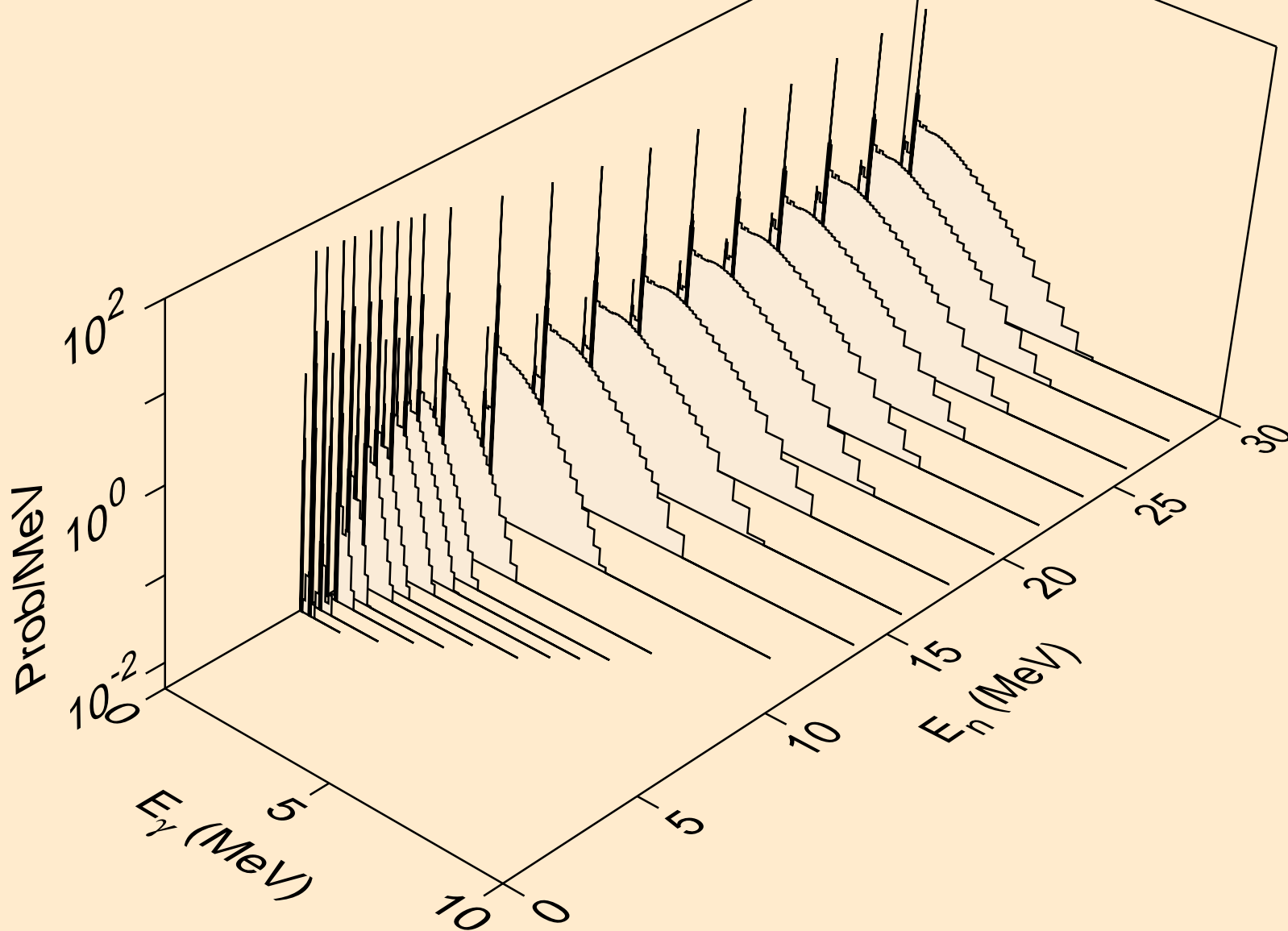
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Photon emission for (n,2n)a



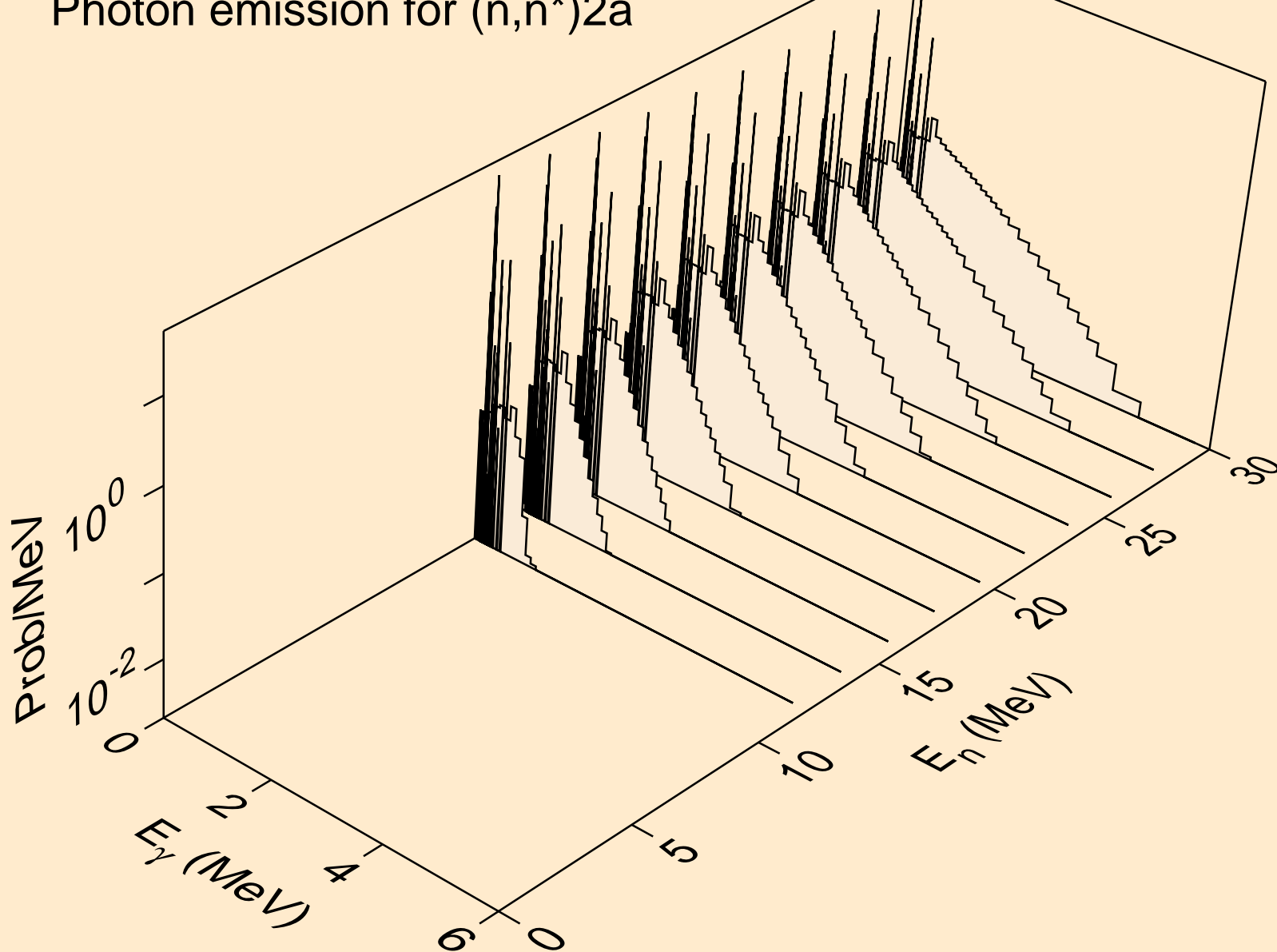
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Photon emission for (n,3n)a



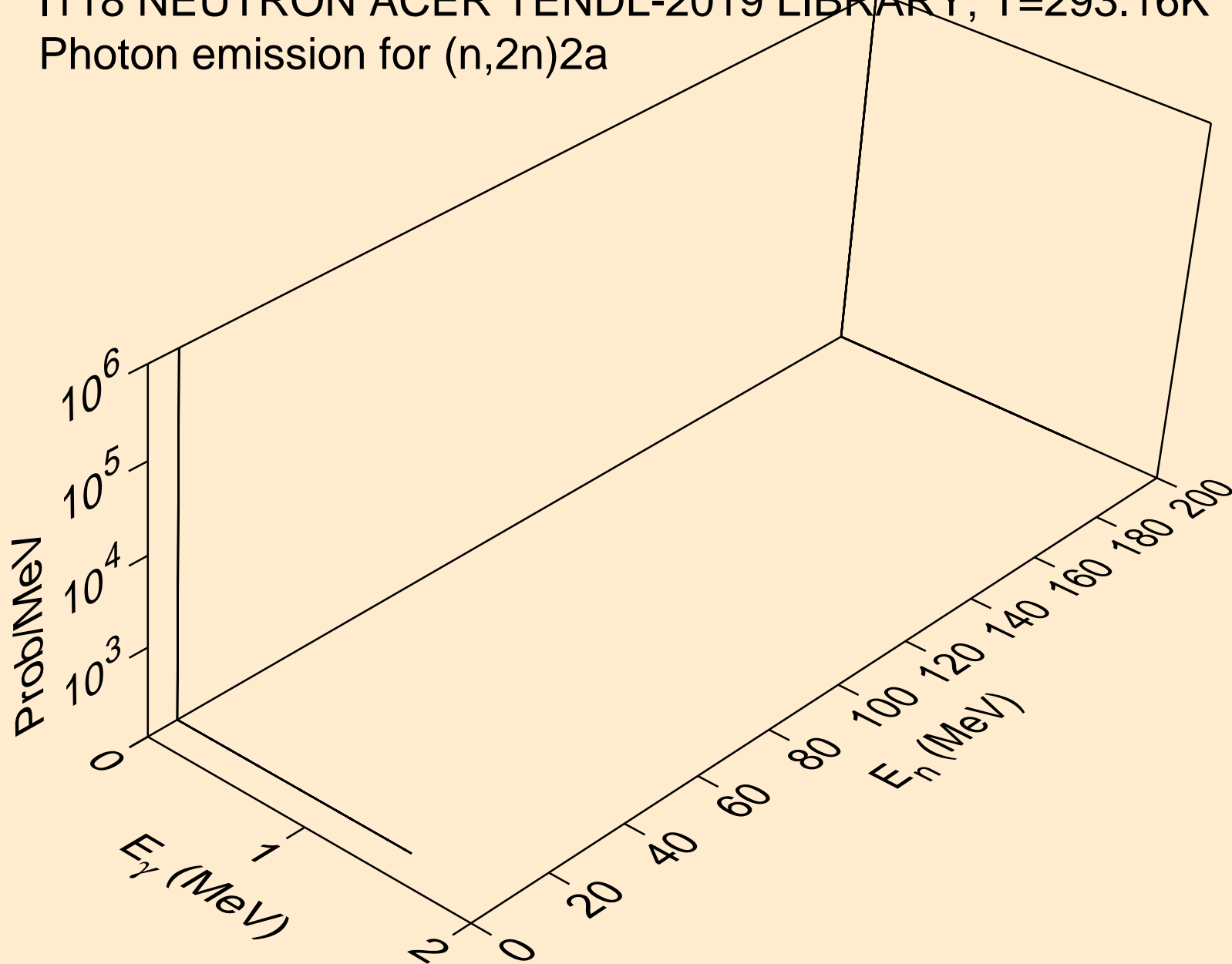
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



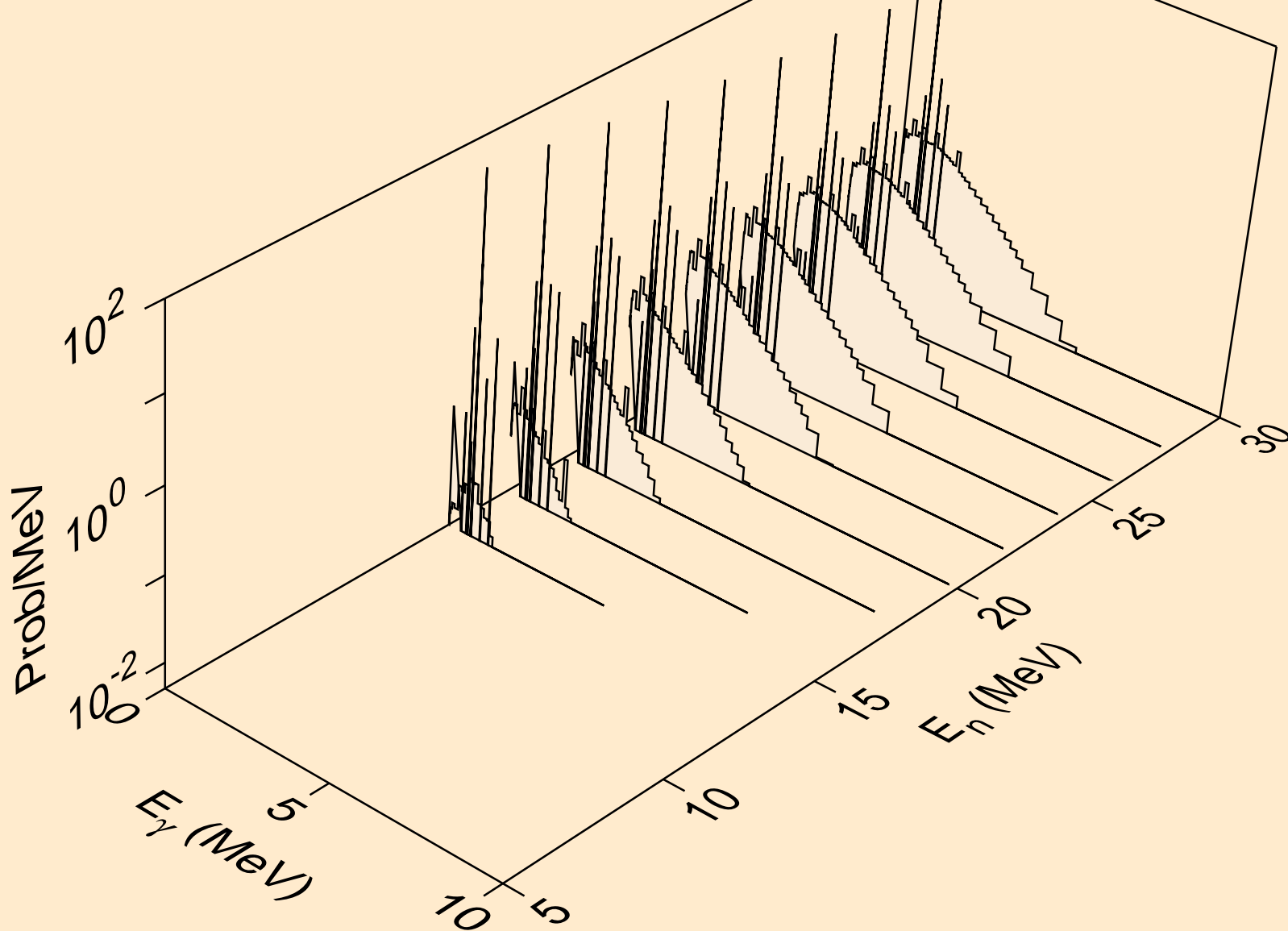
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



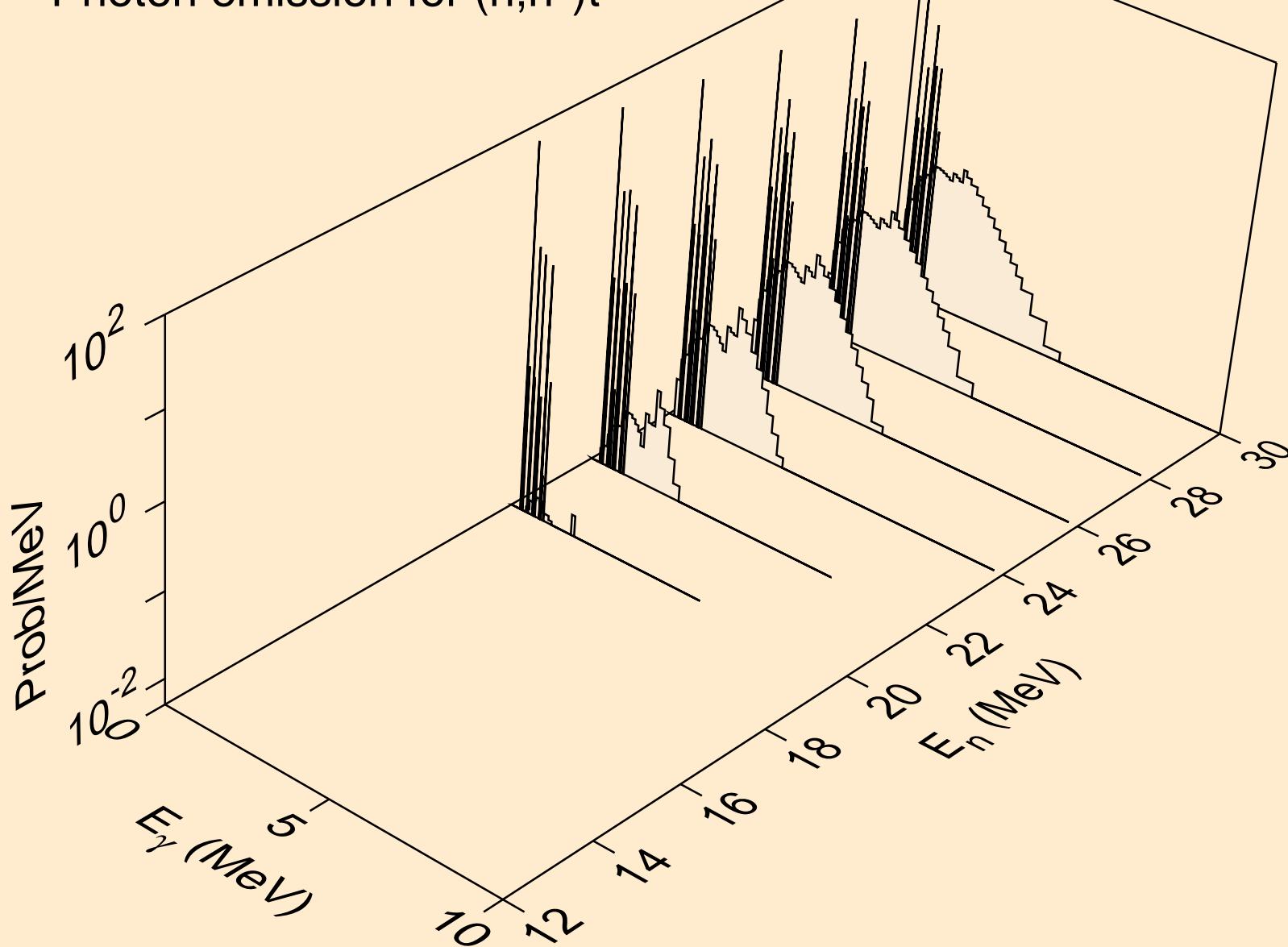
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



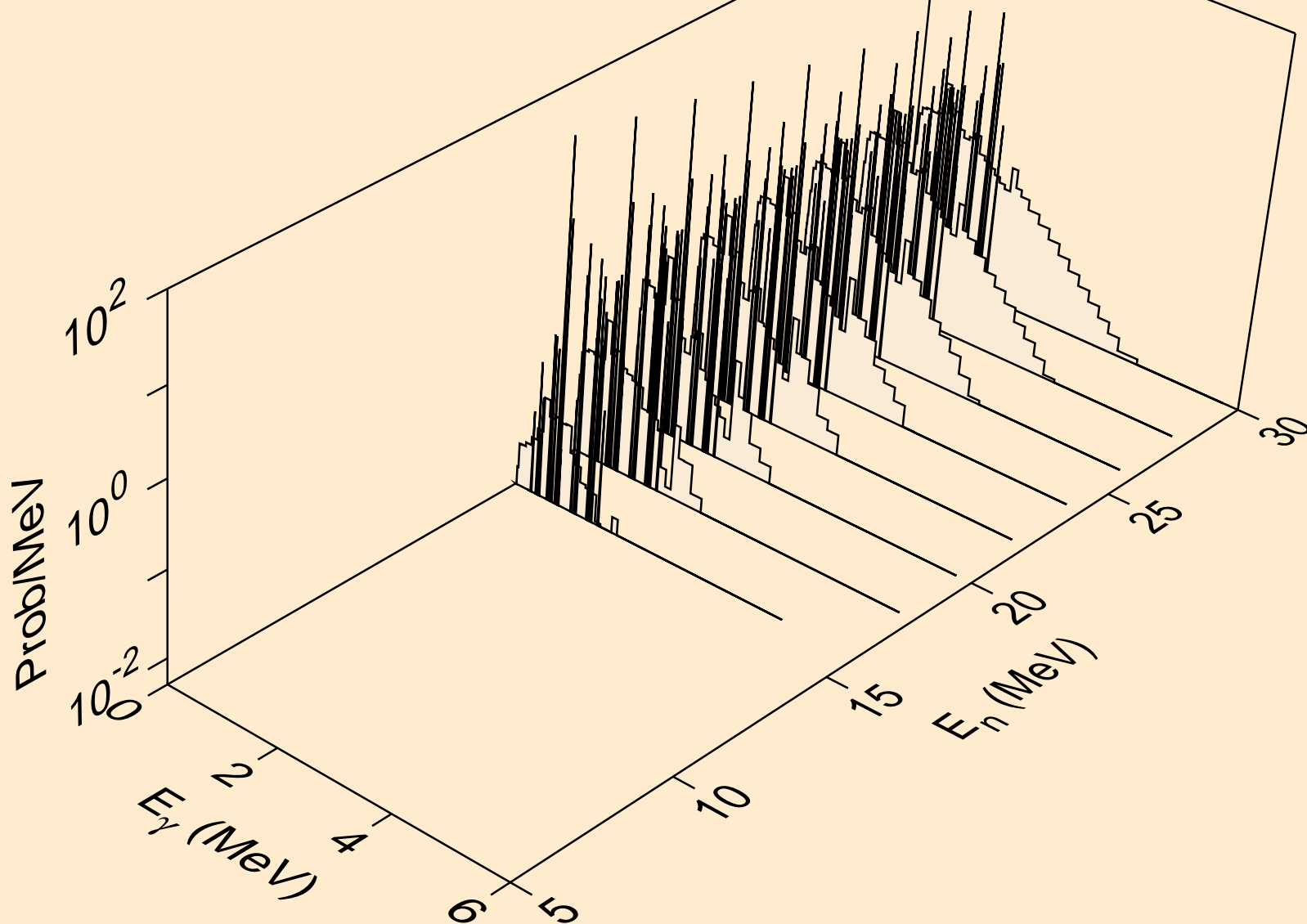
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



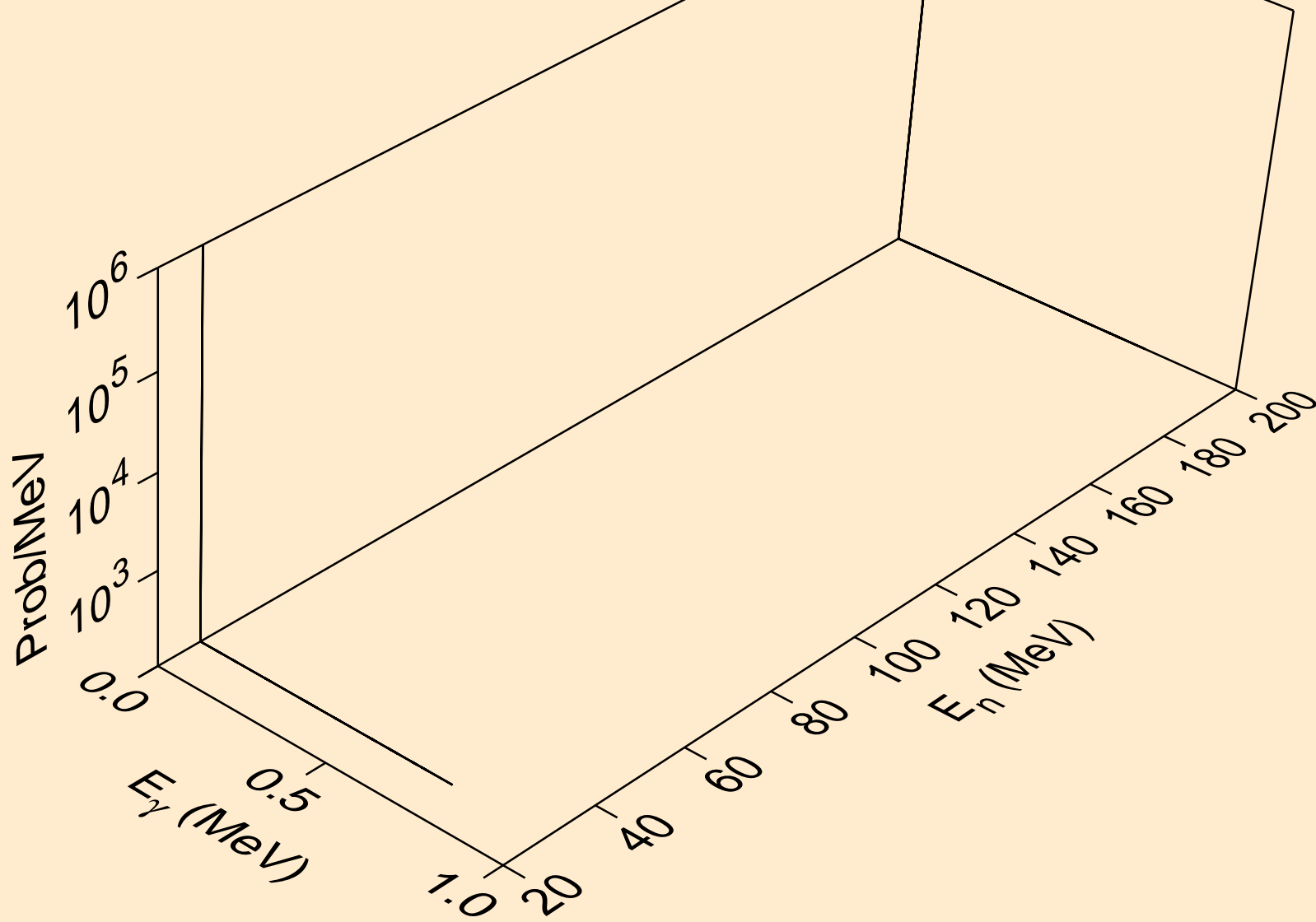
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



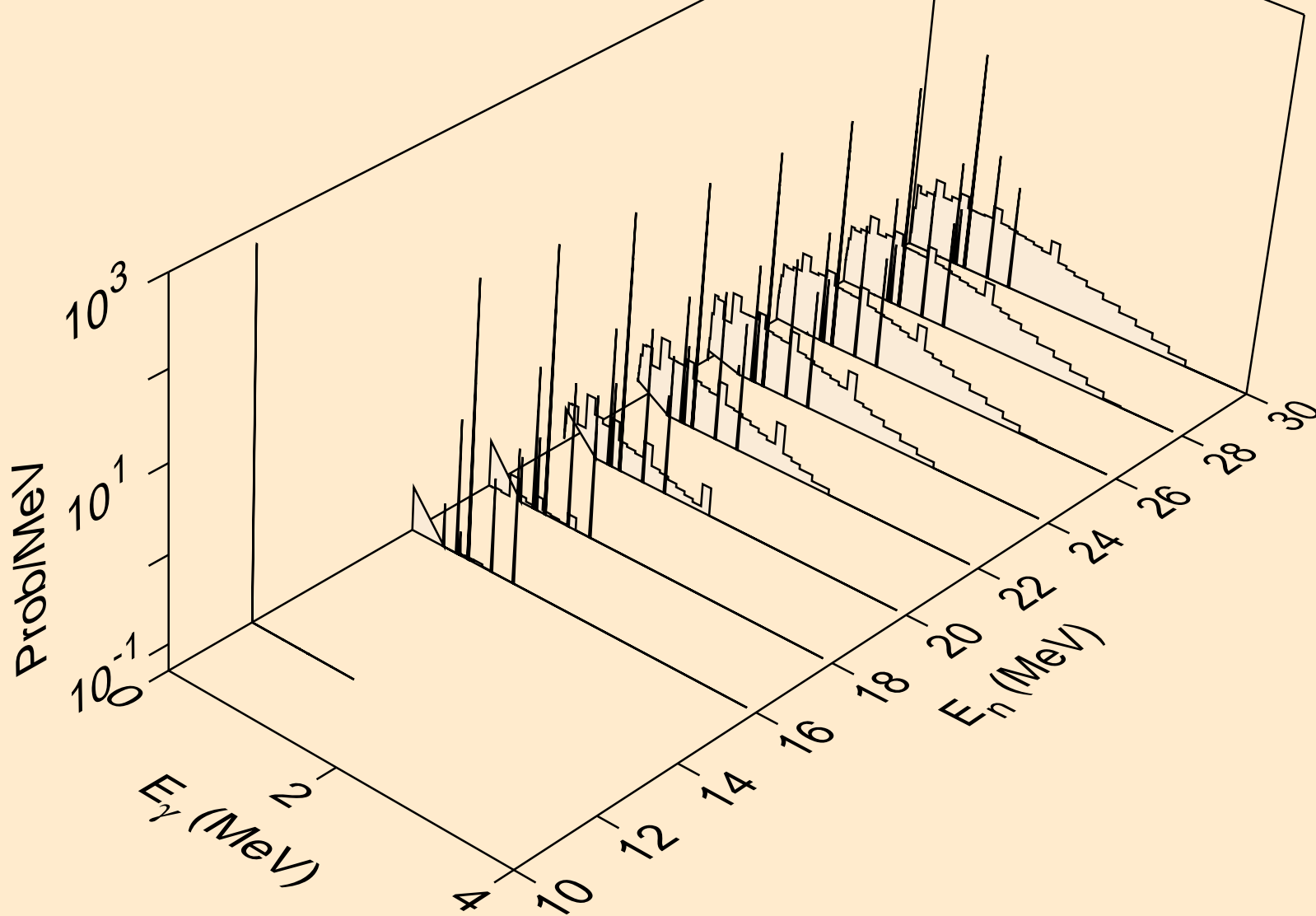
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



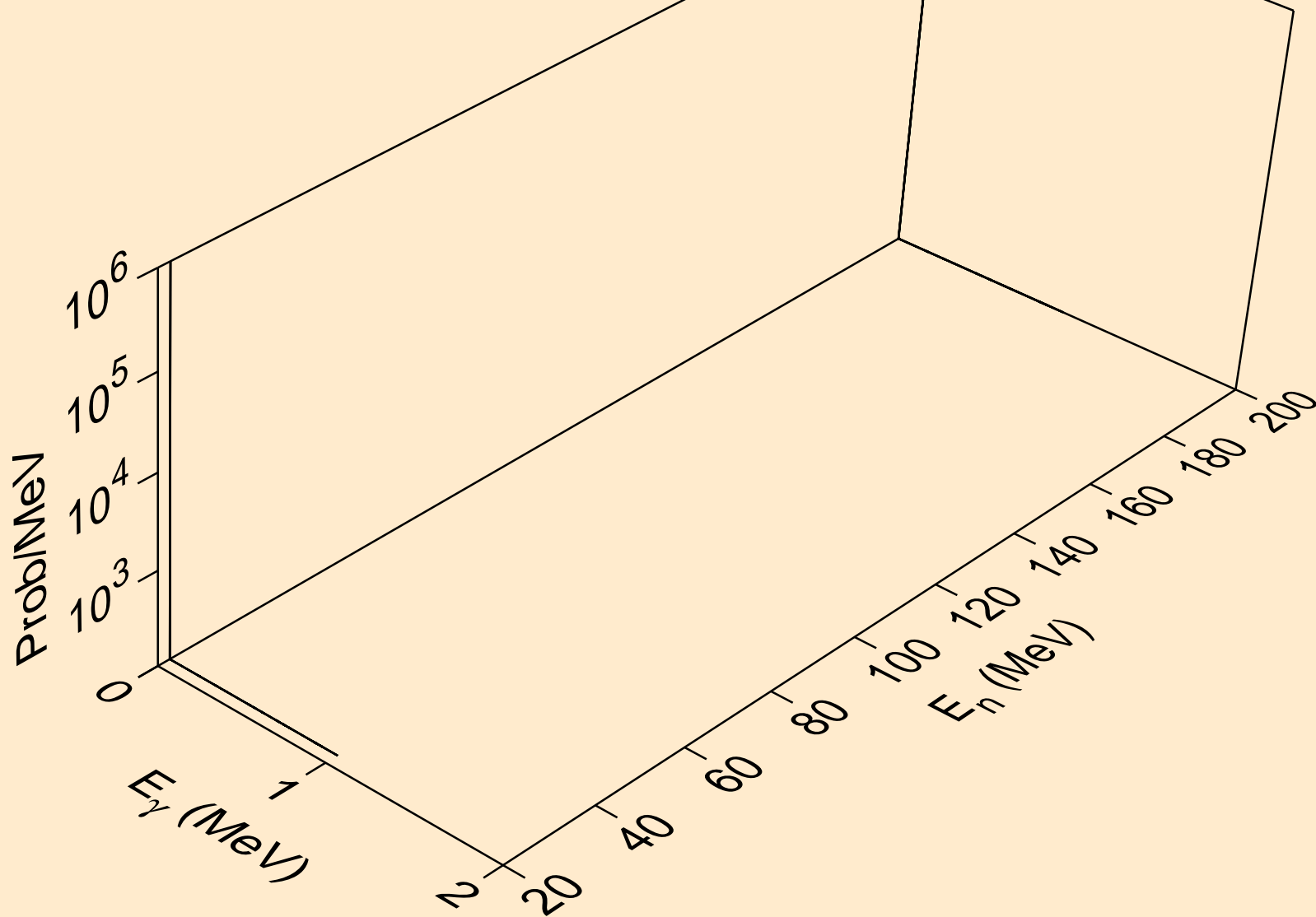
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



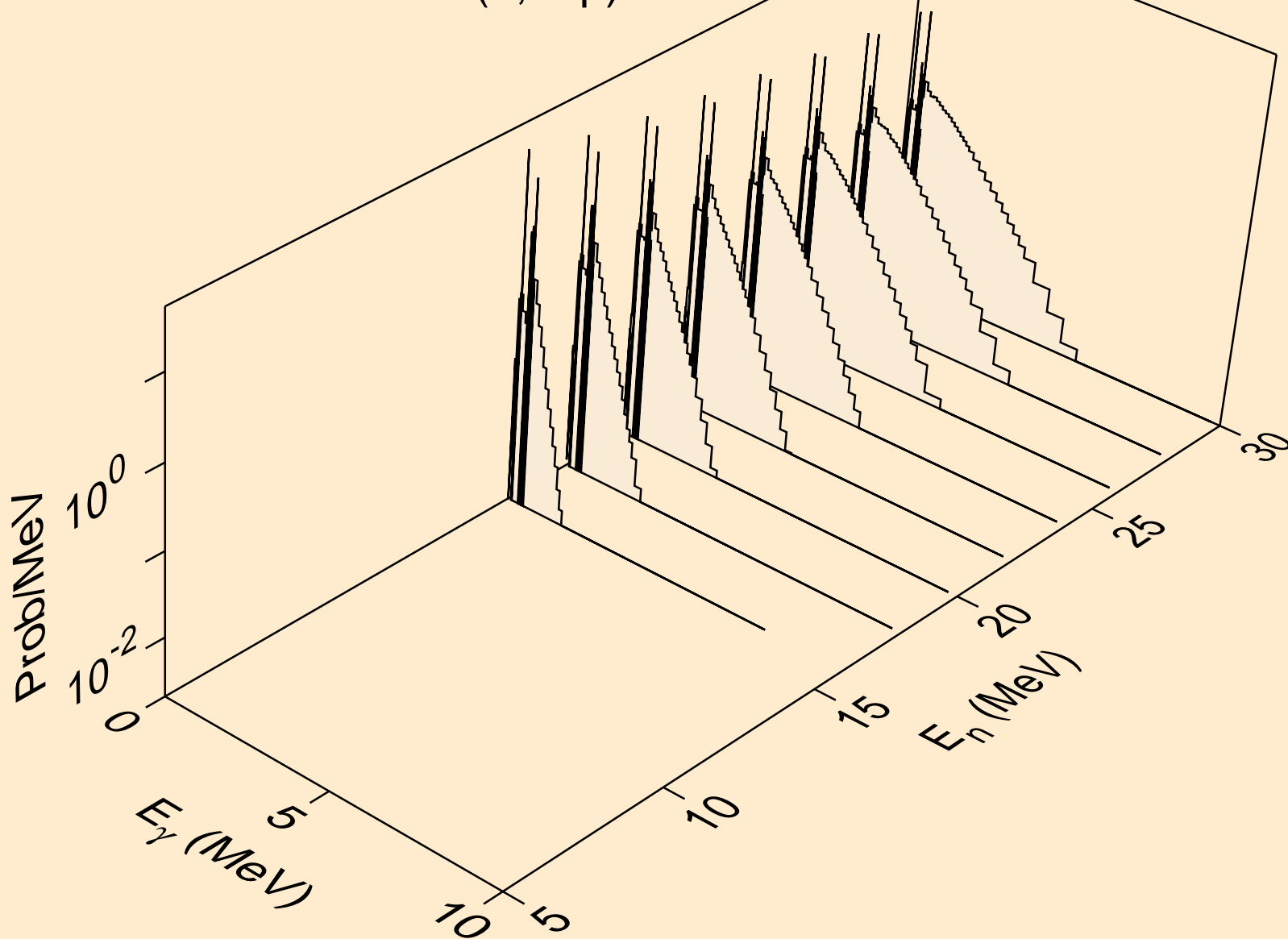
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



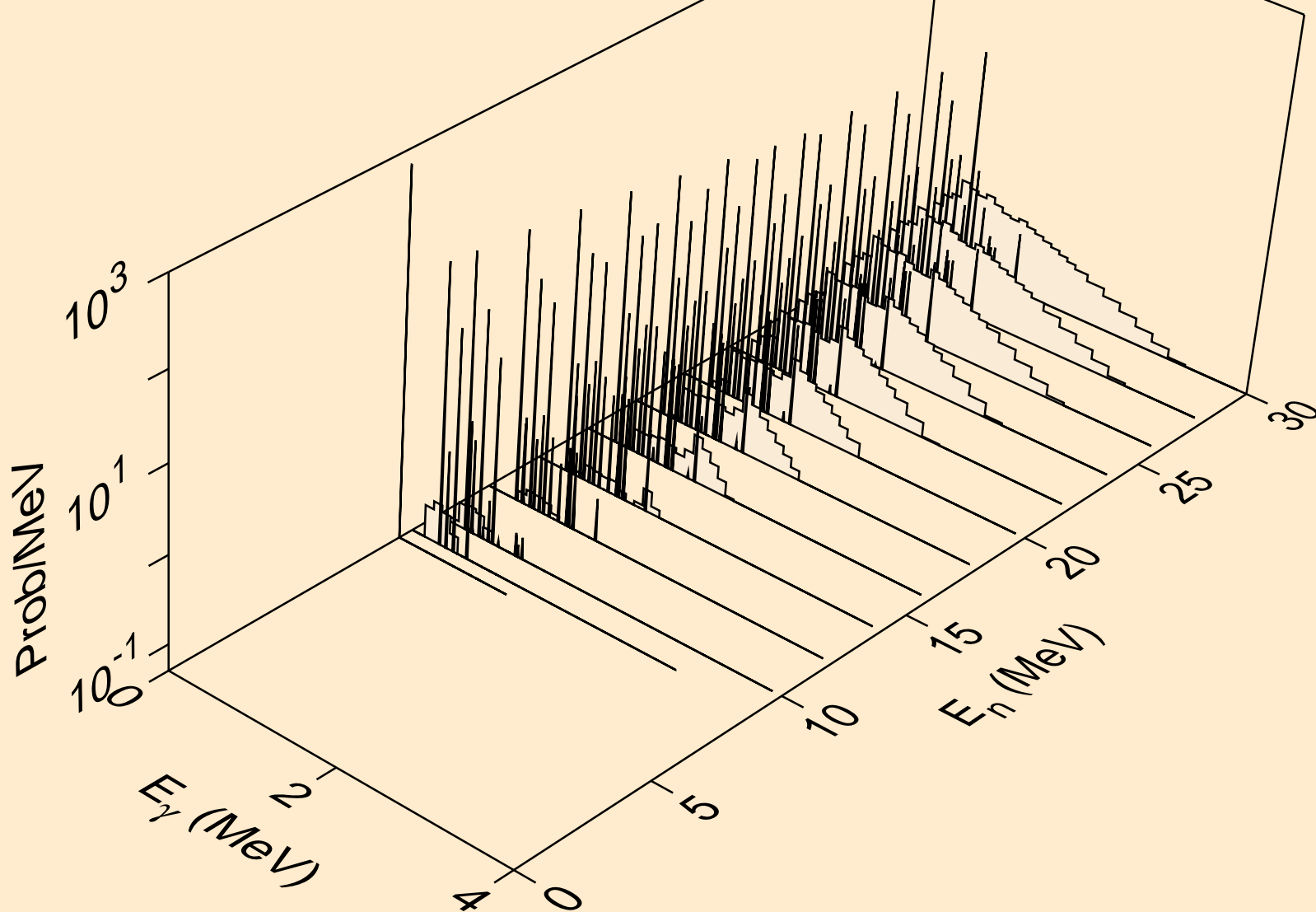
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



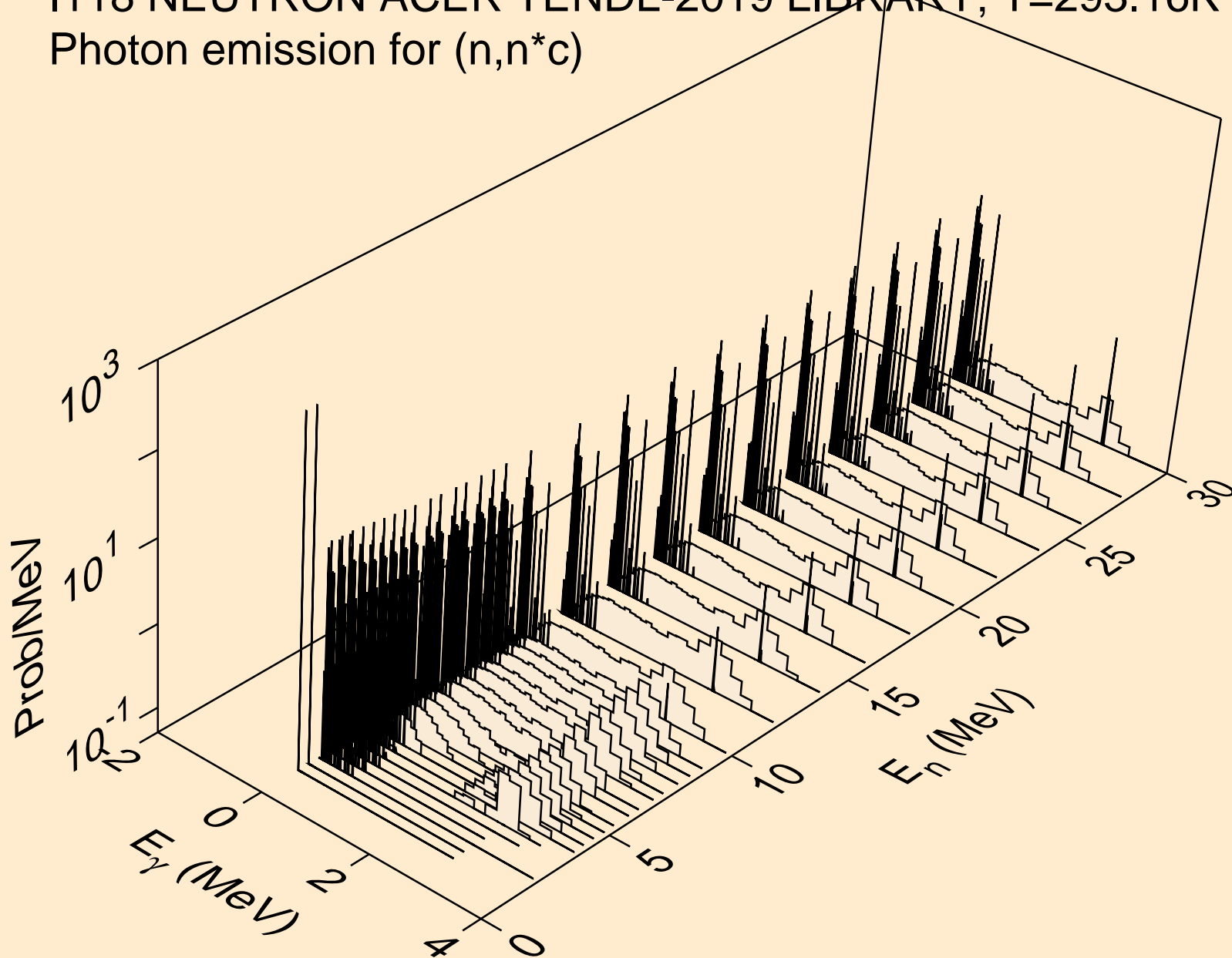
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



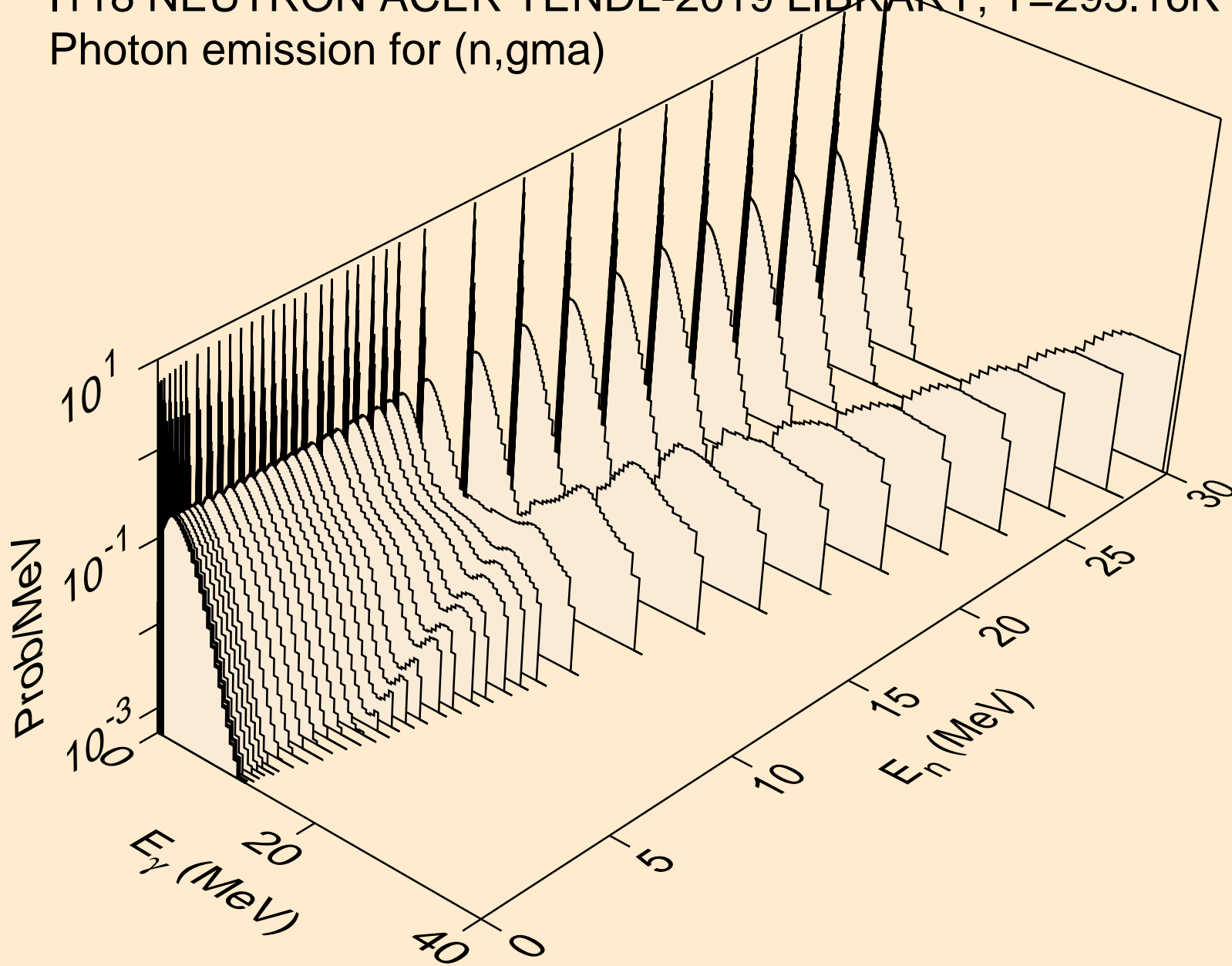
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



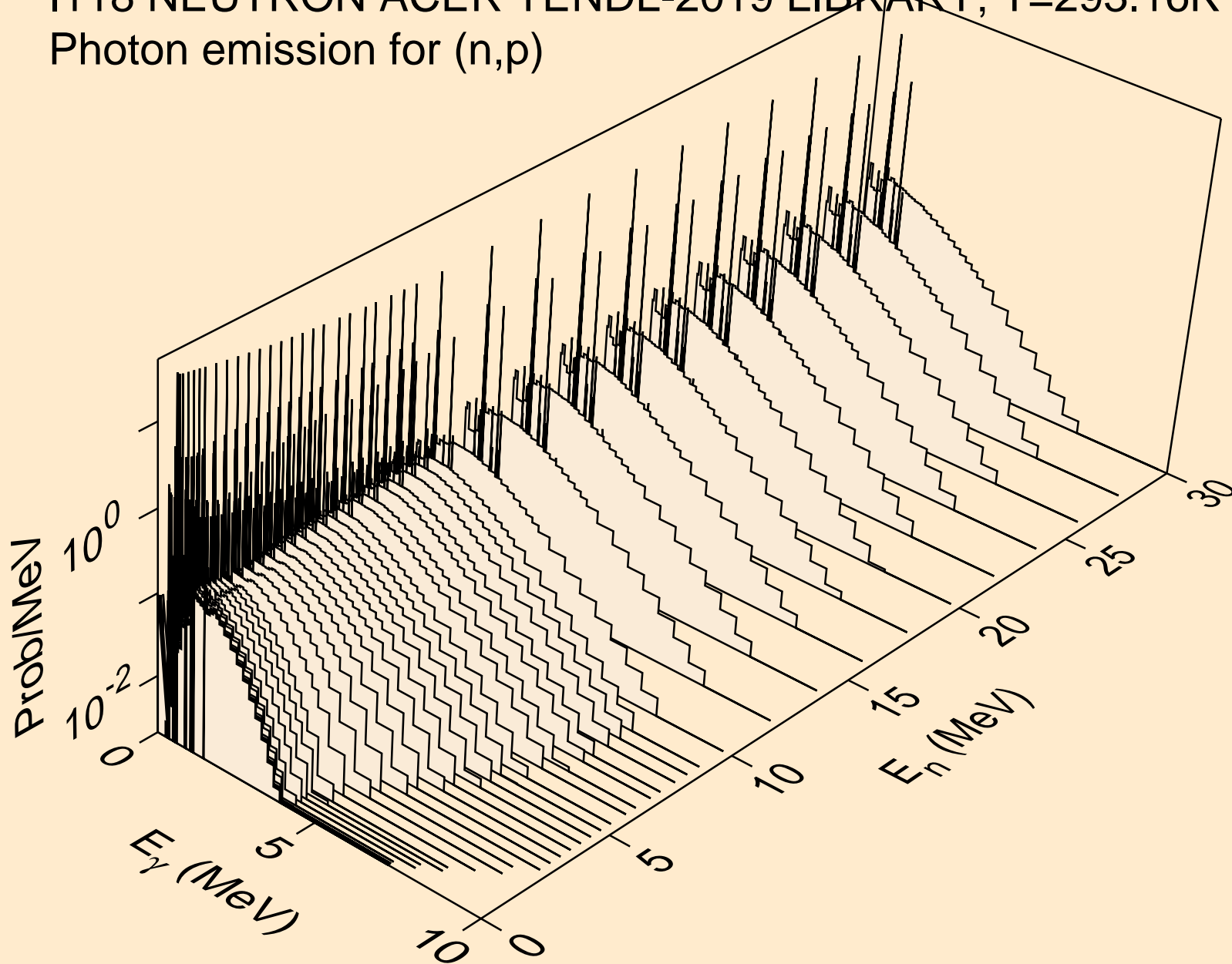
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



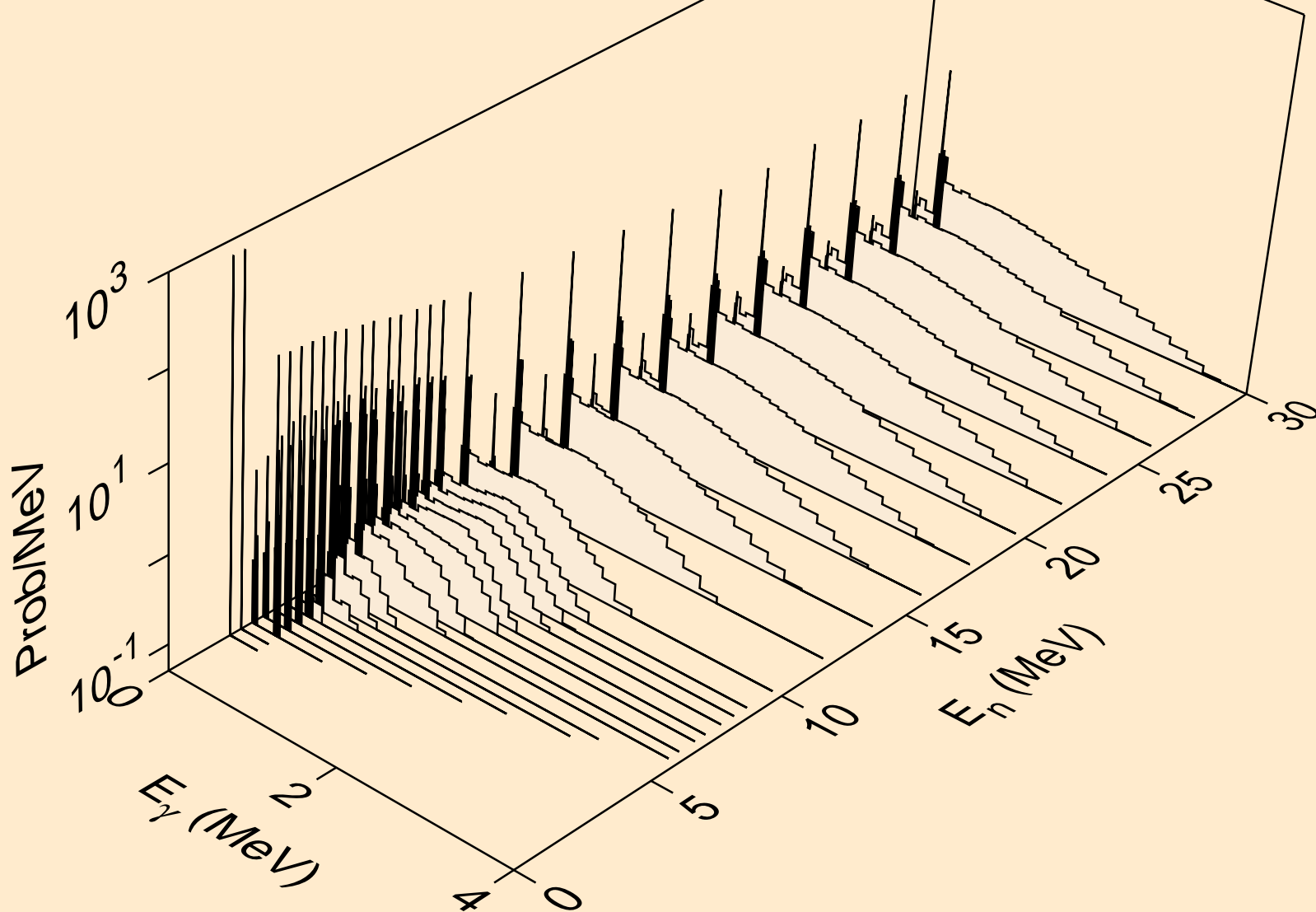
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



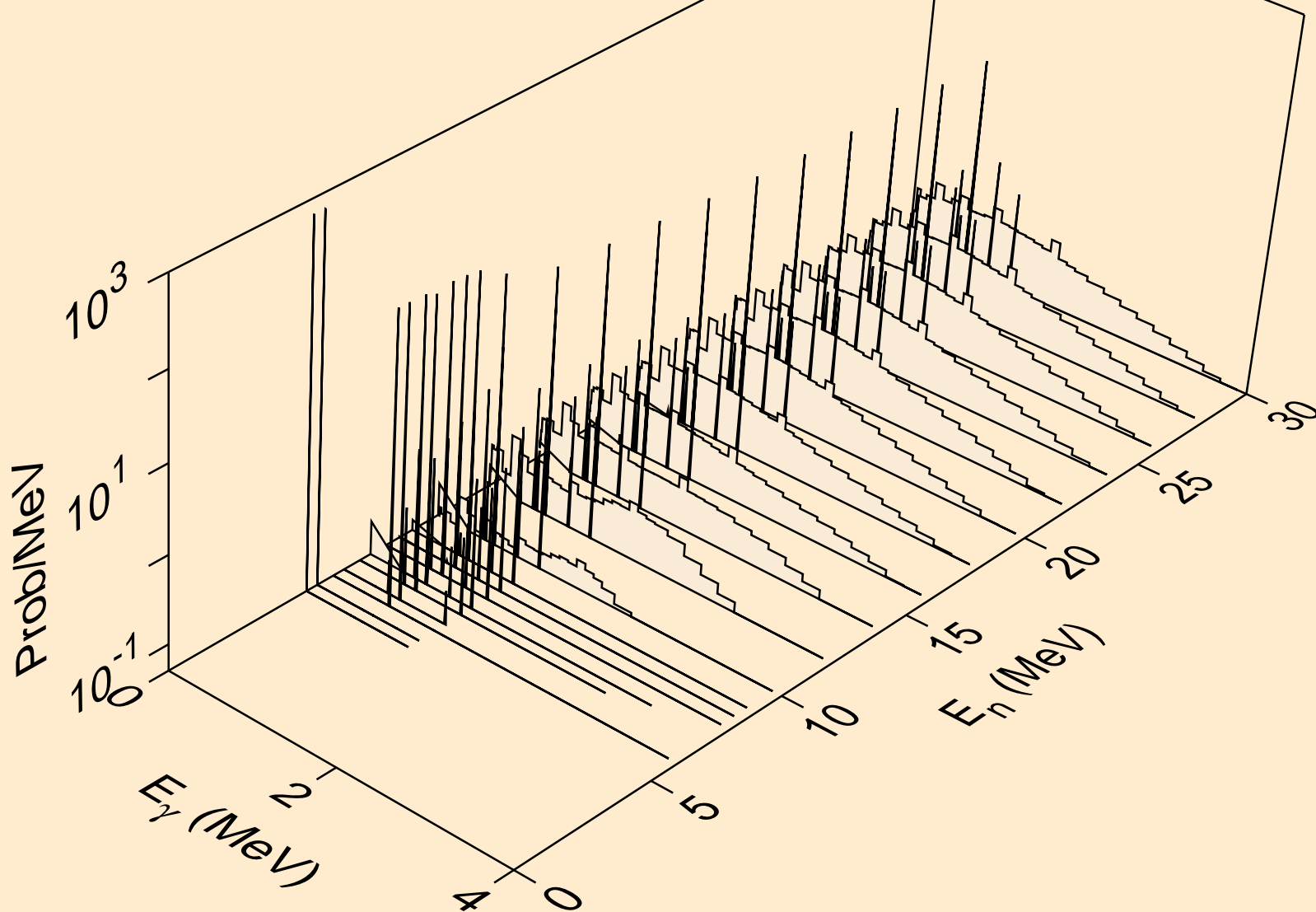
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



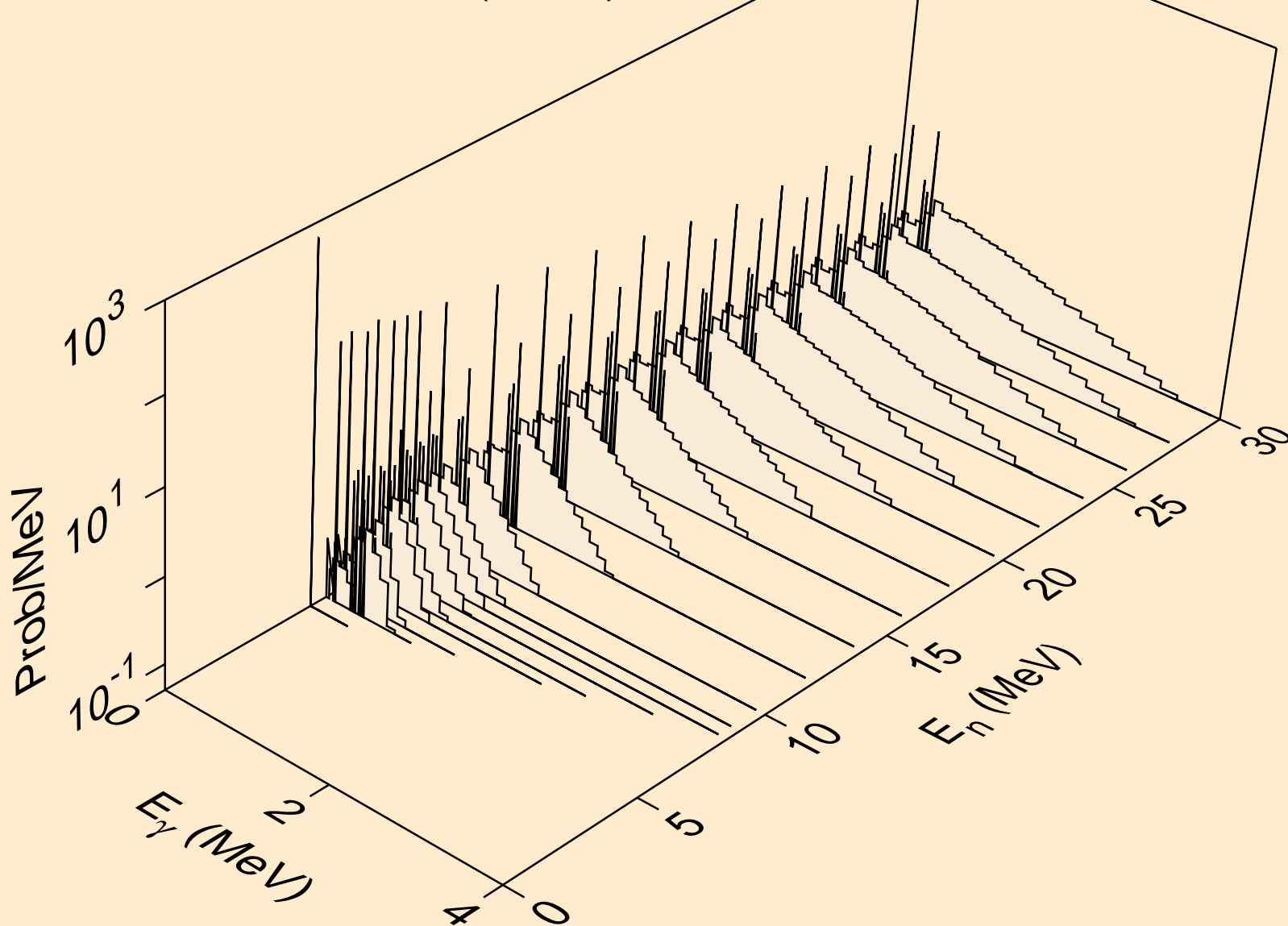
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



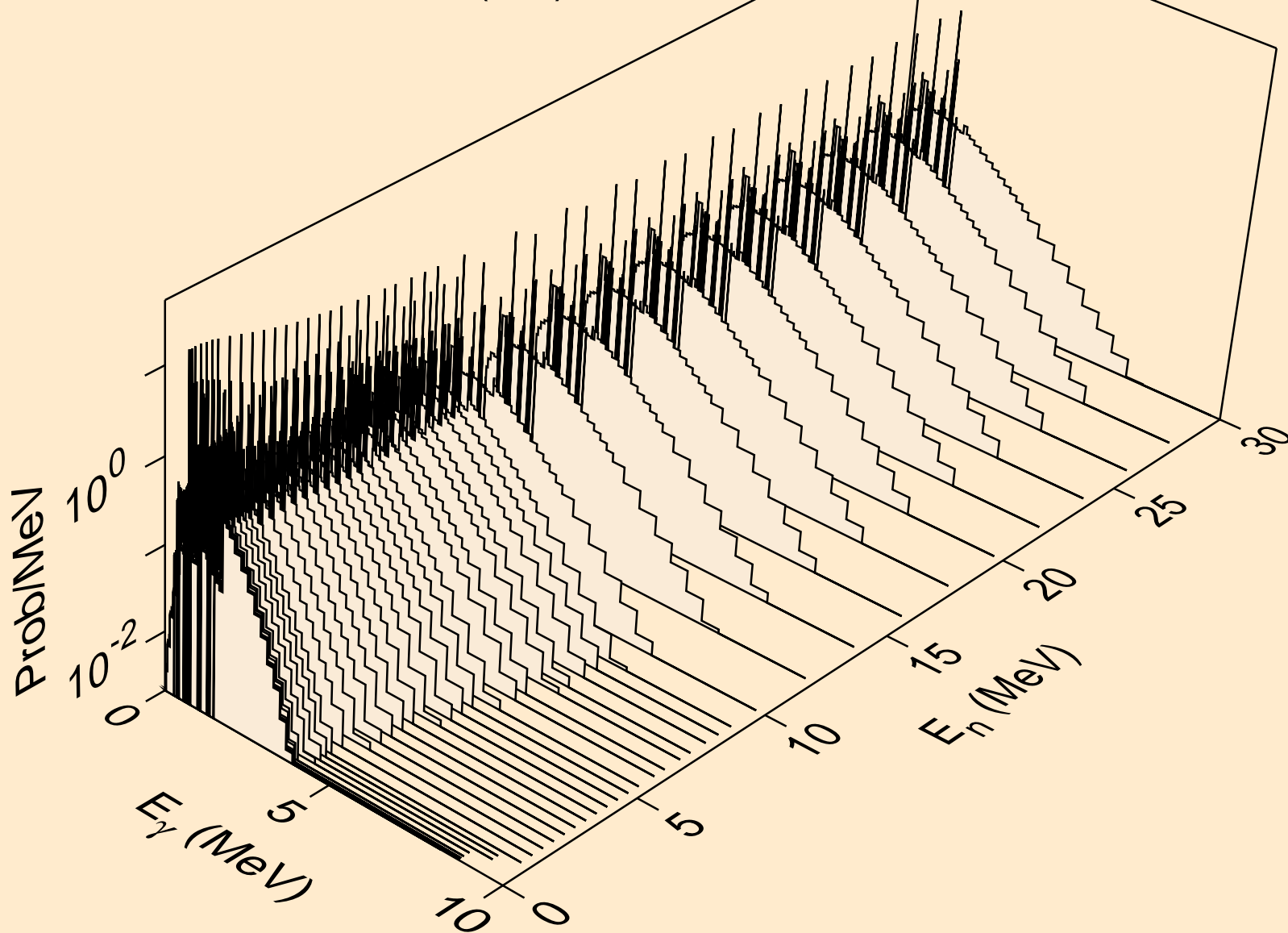
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



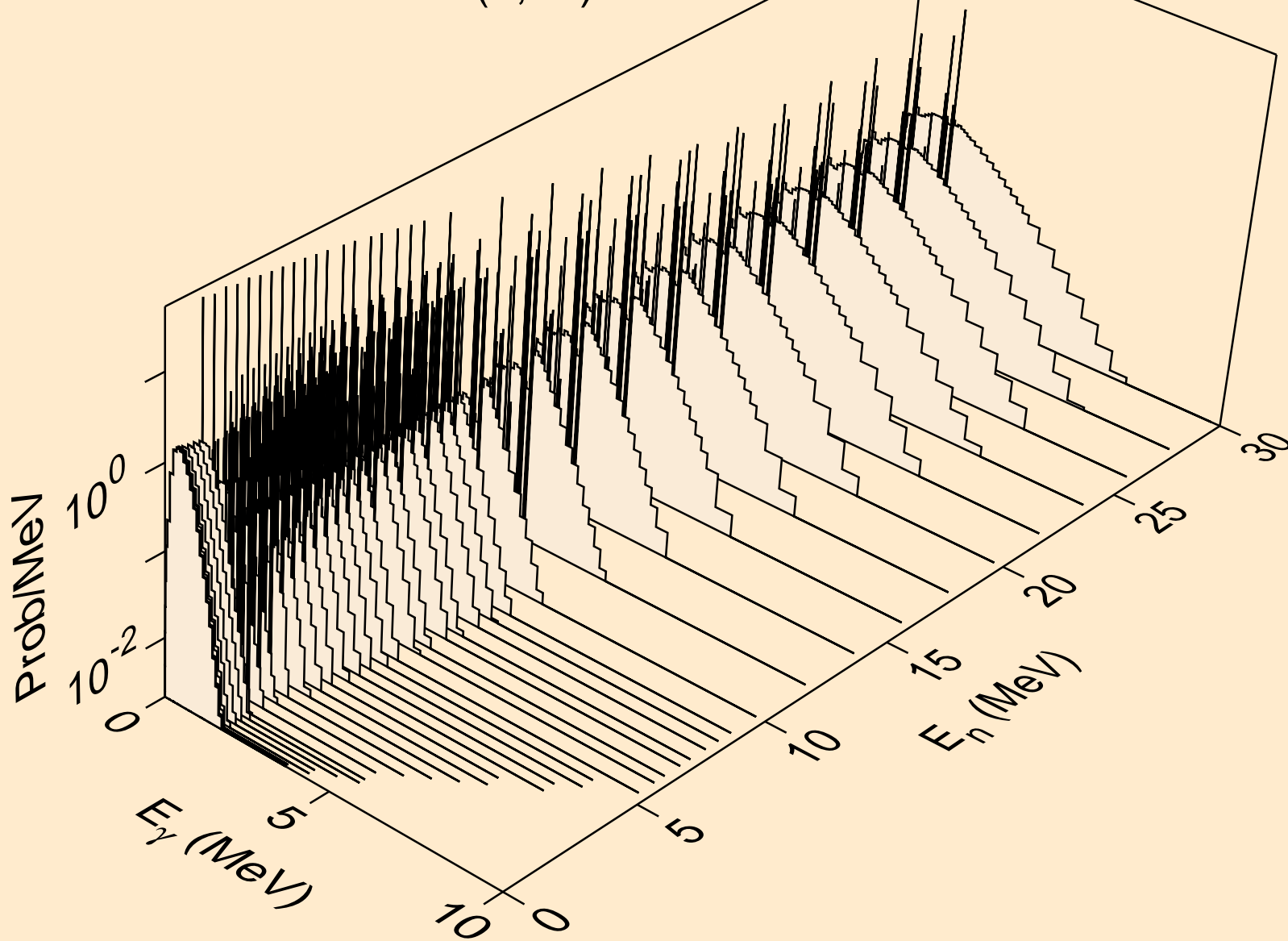
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



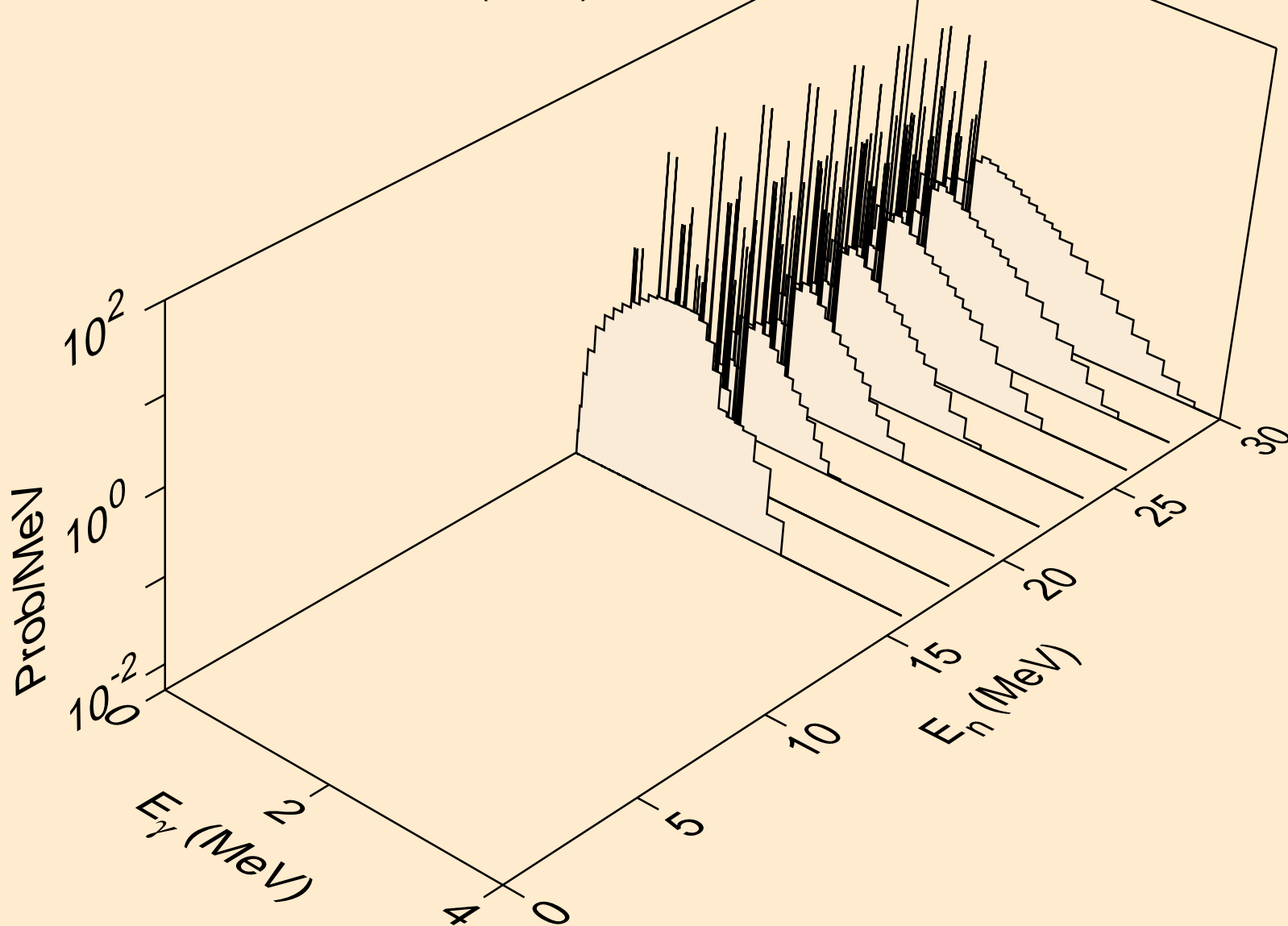
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



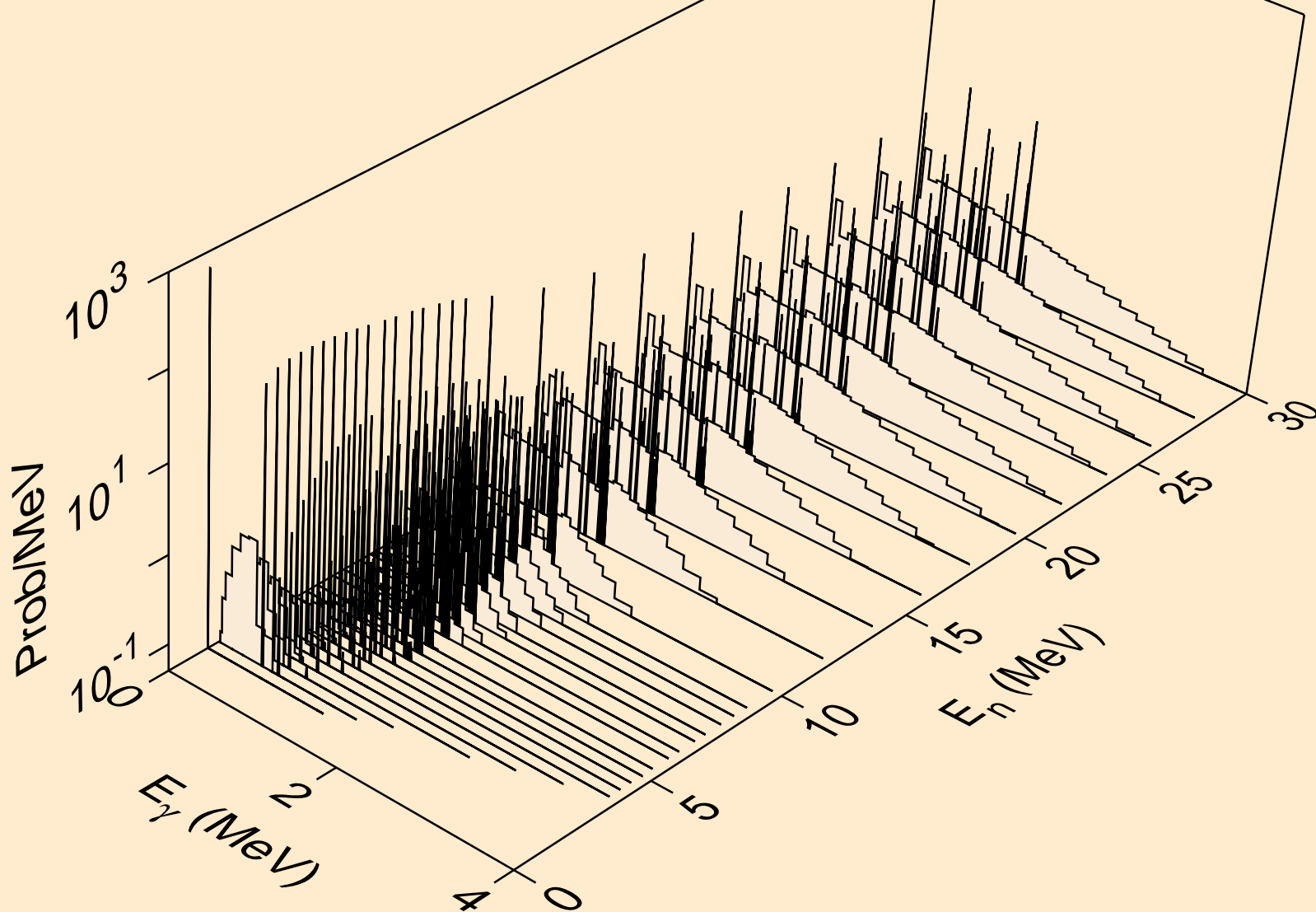
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



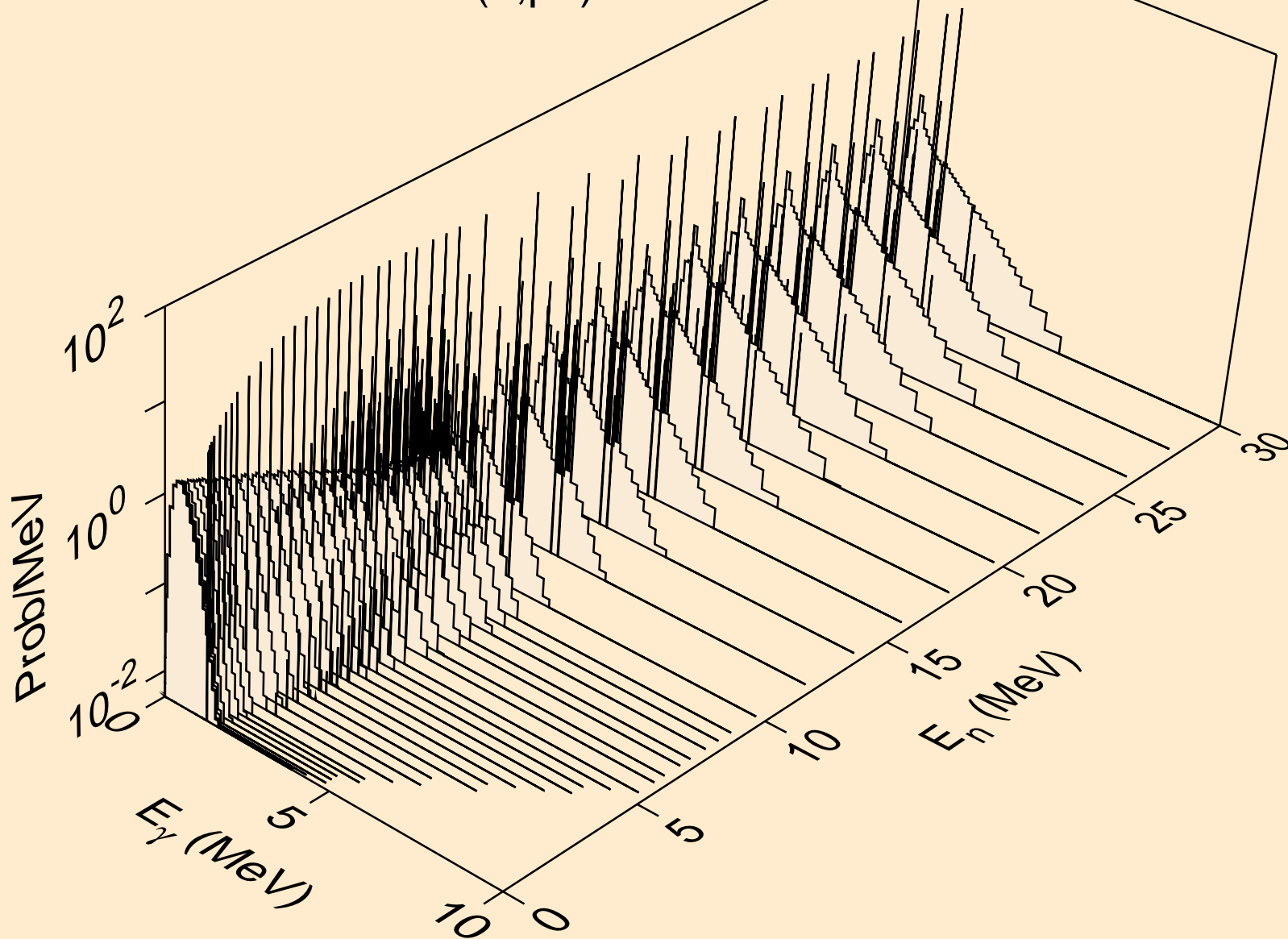
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



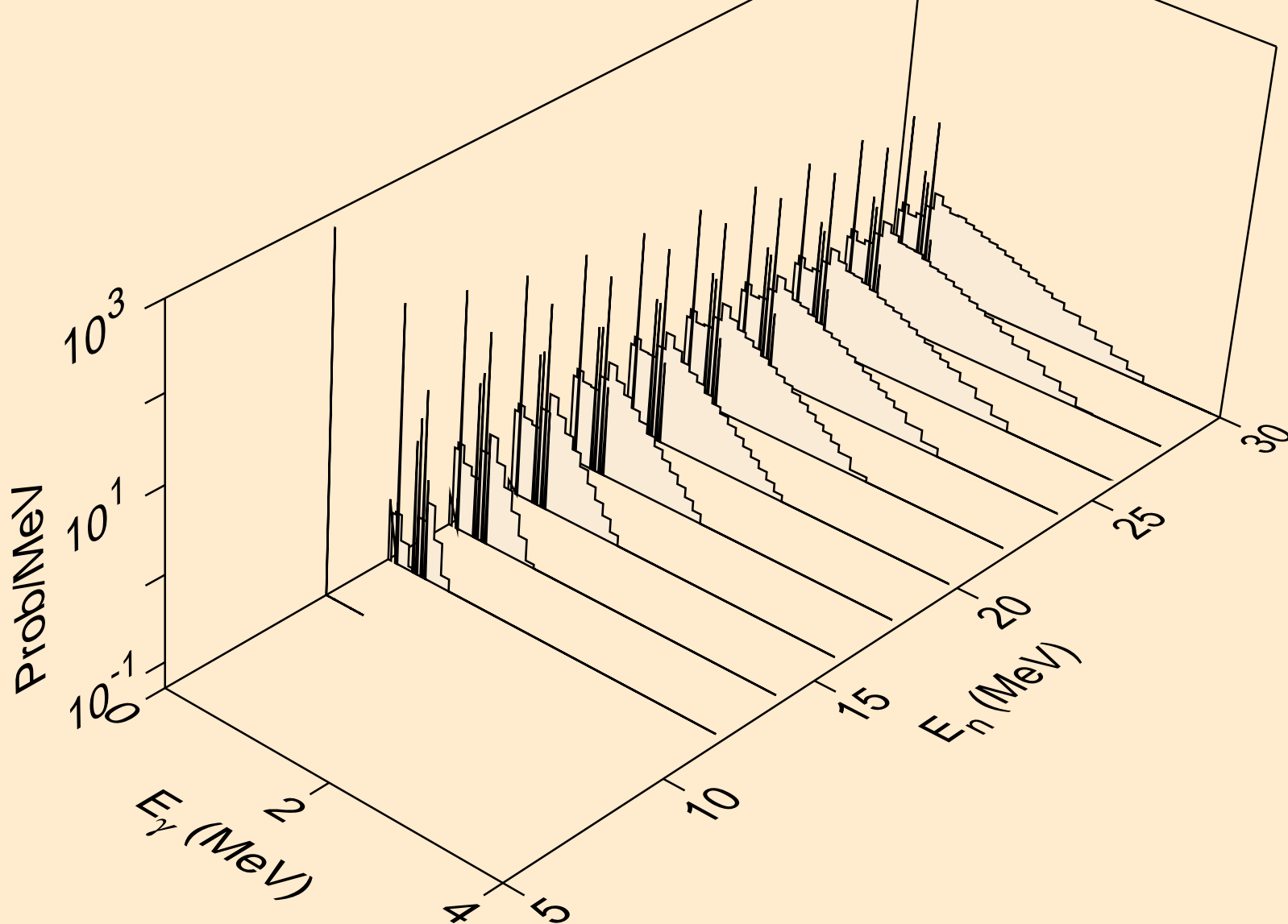
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



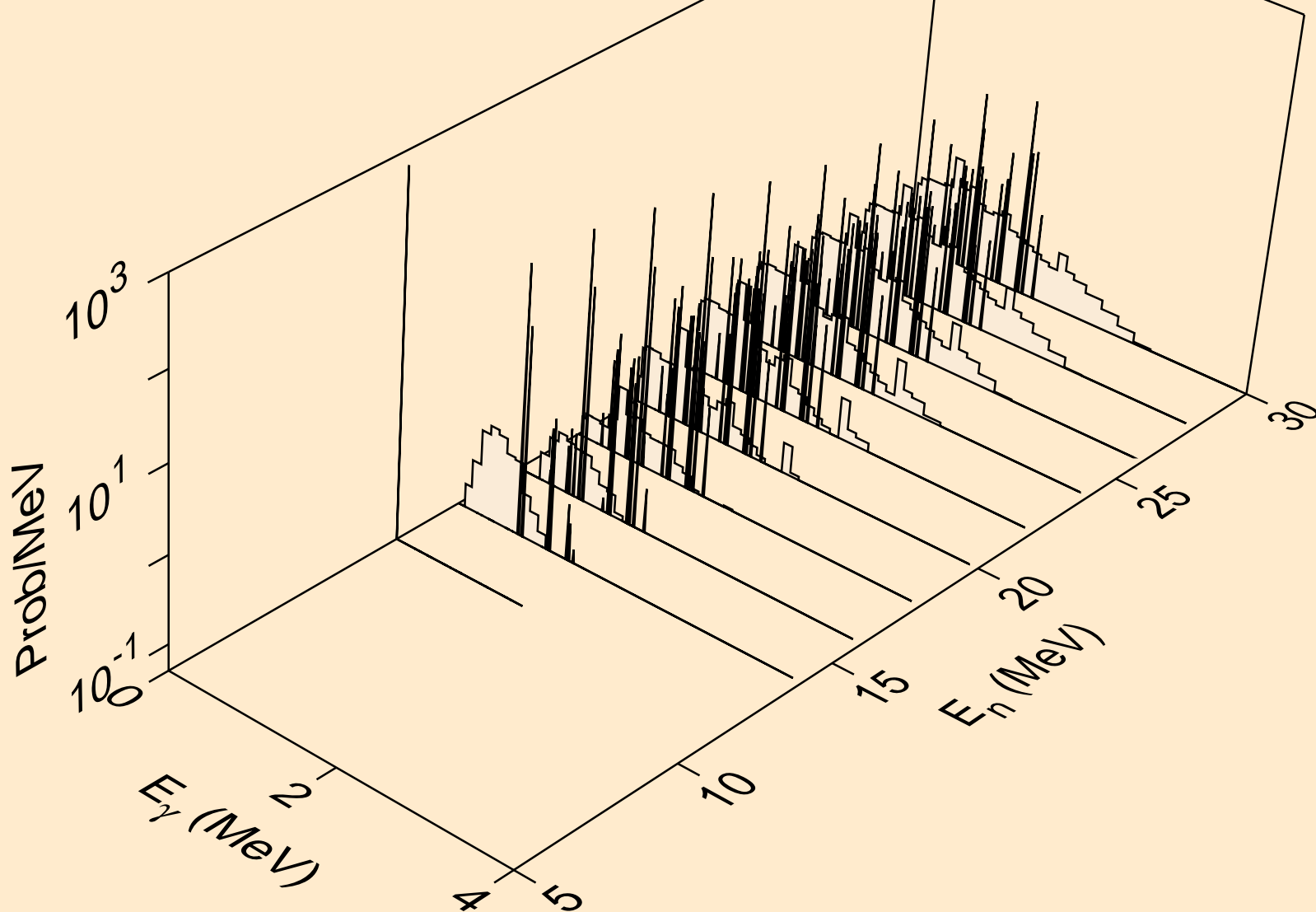
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pa)



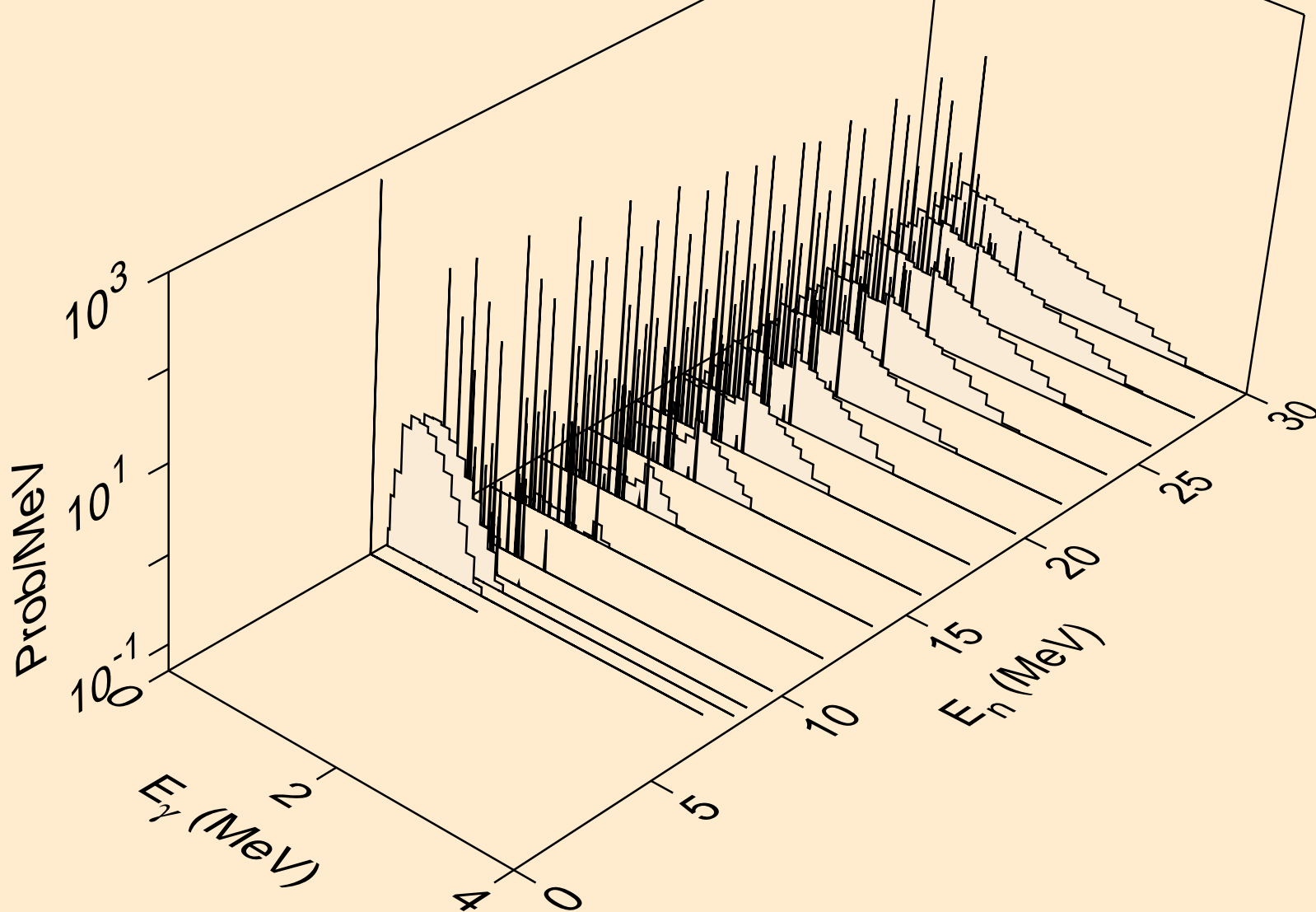
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



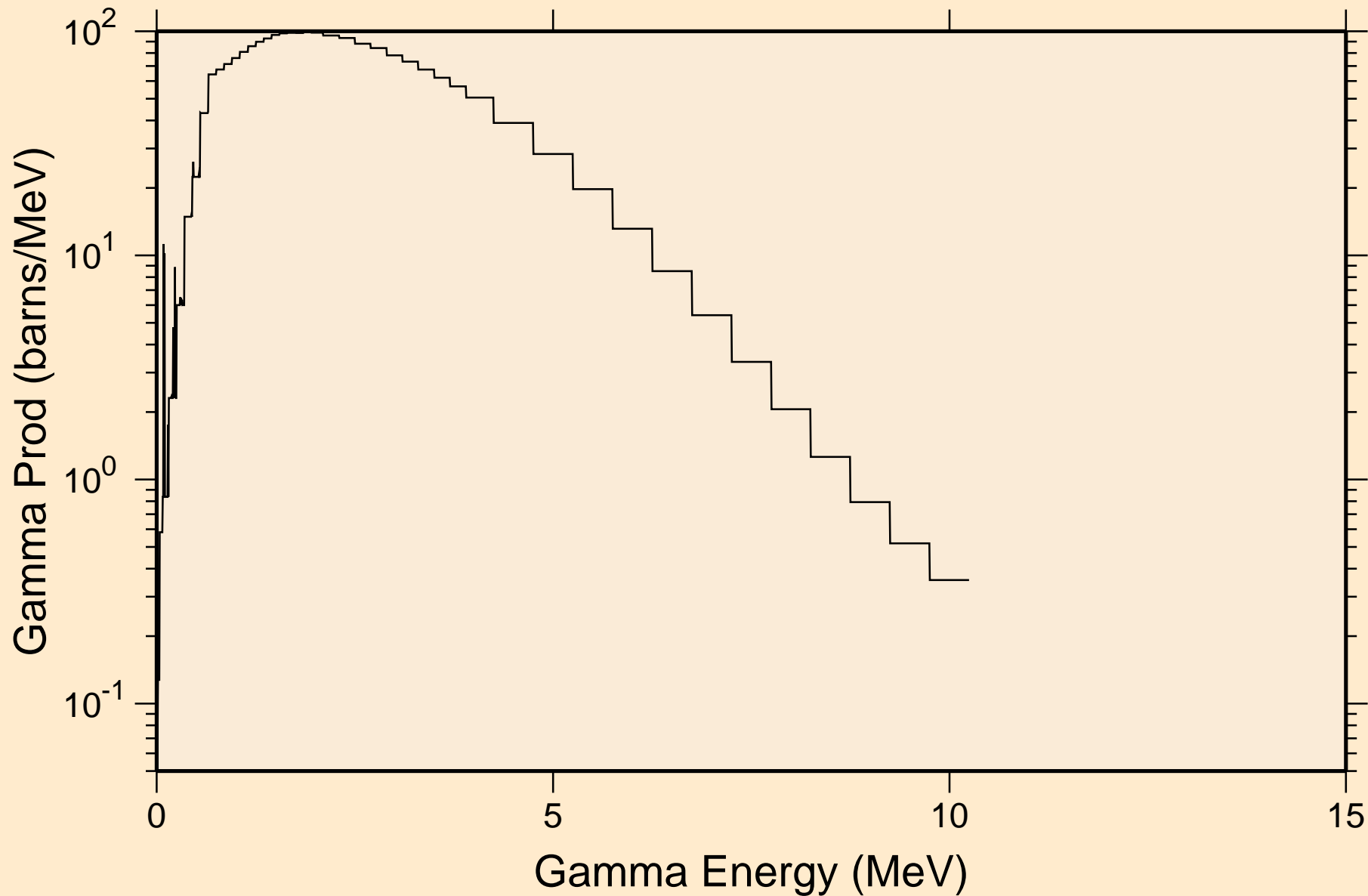
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



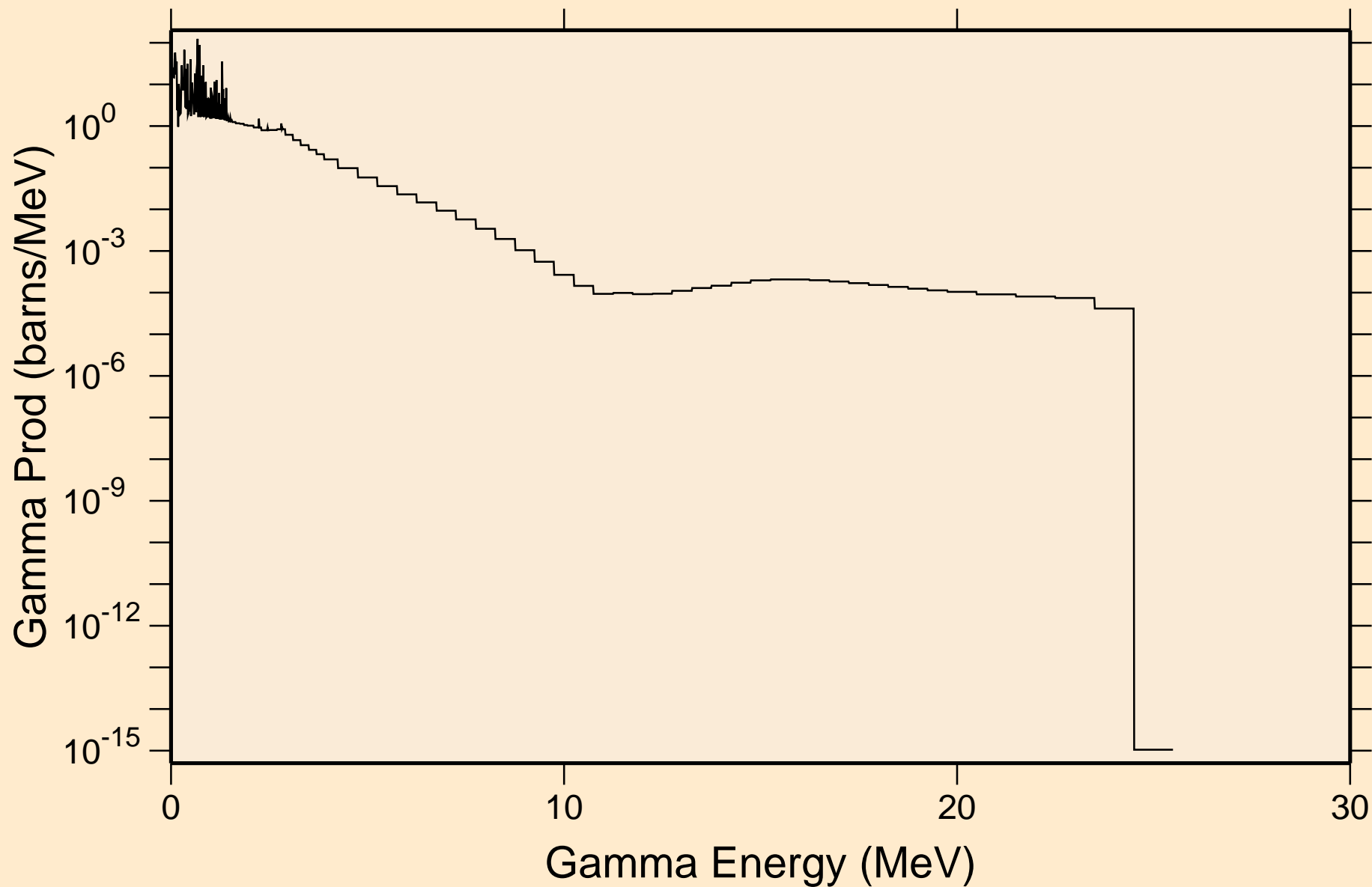
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

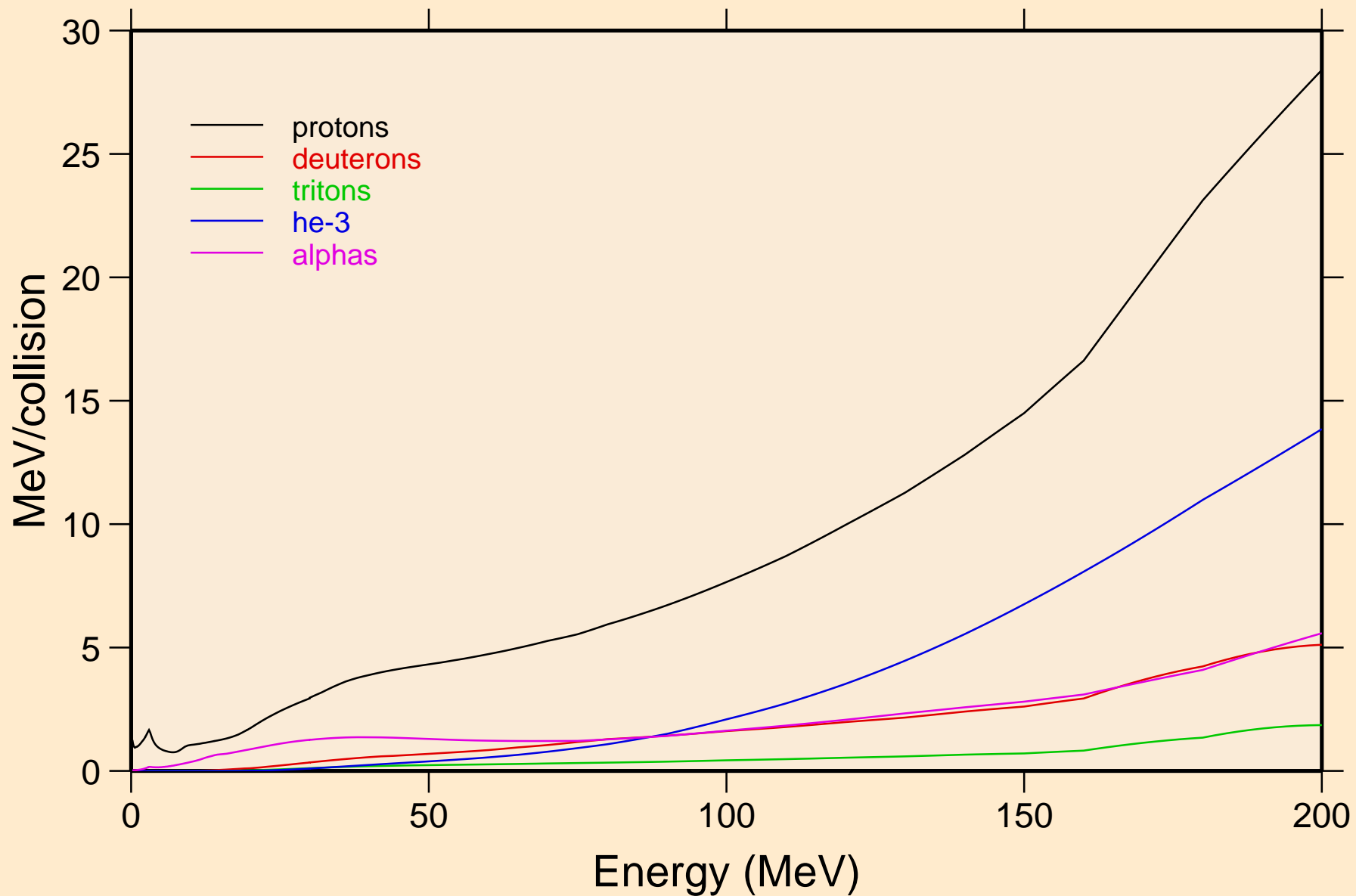


I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

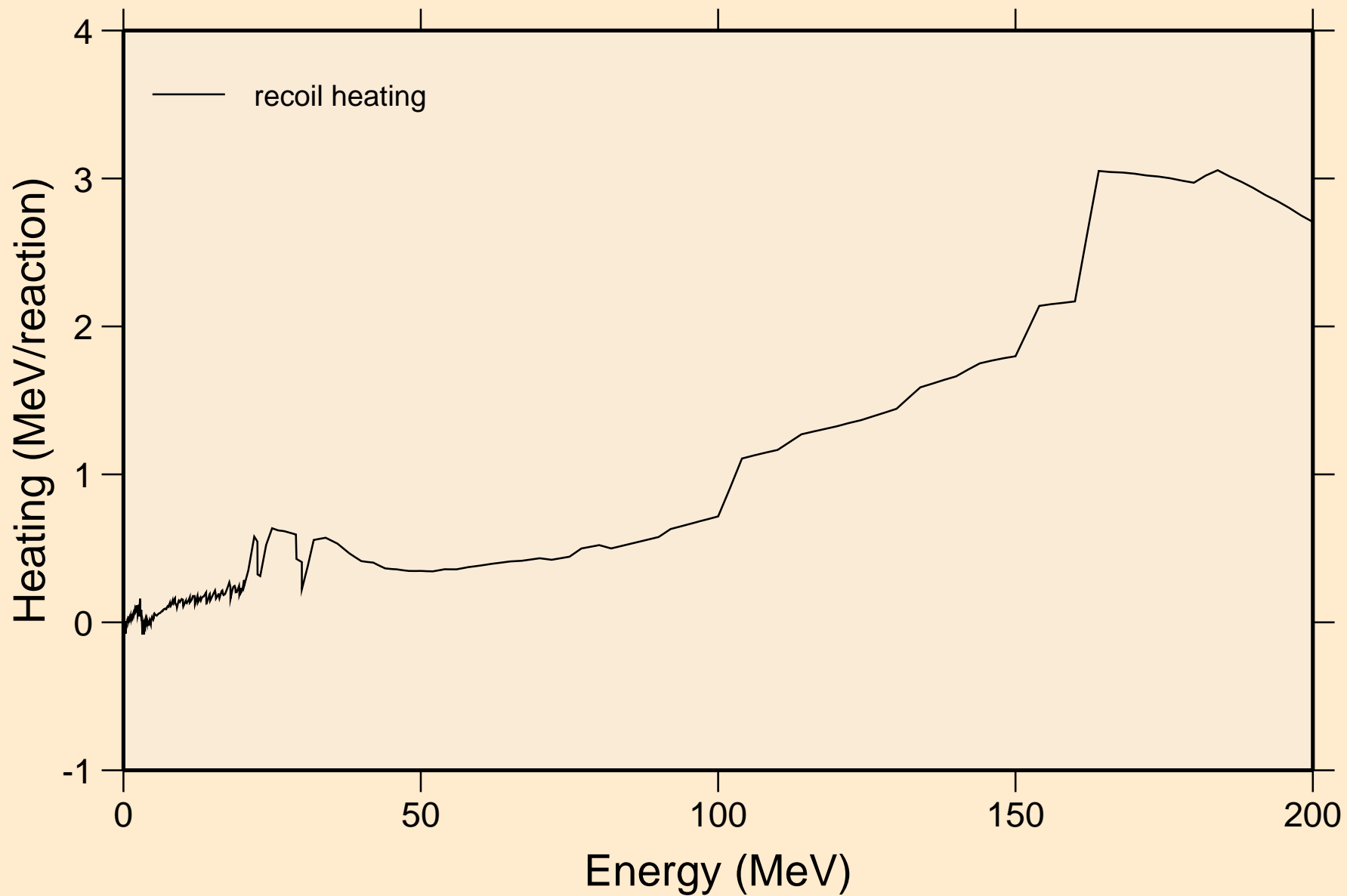


I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

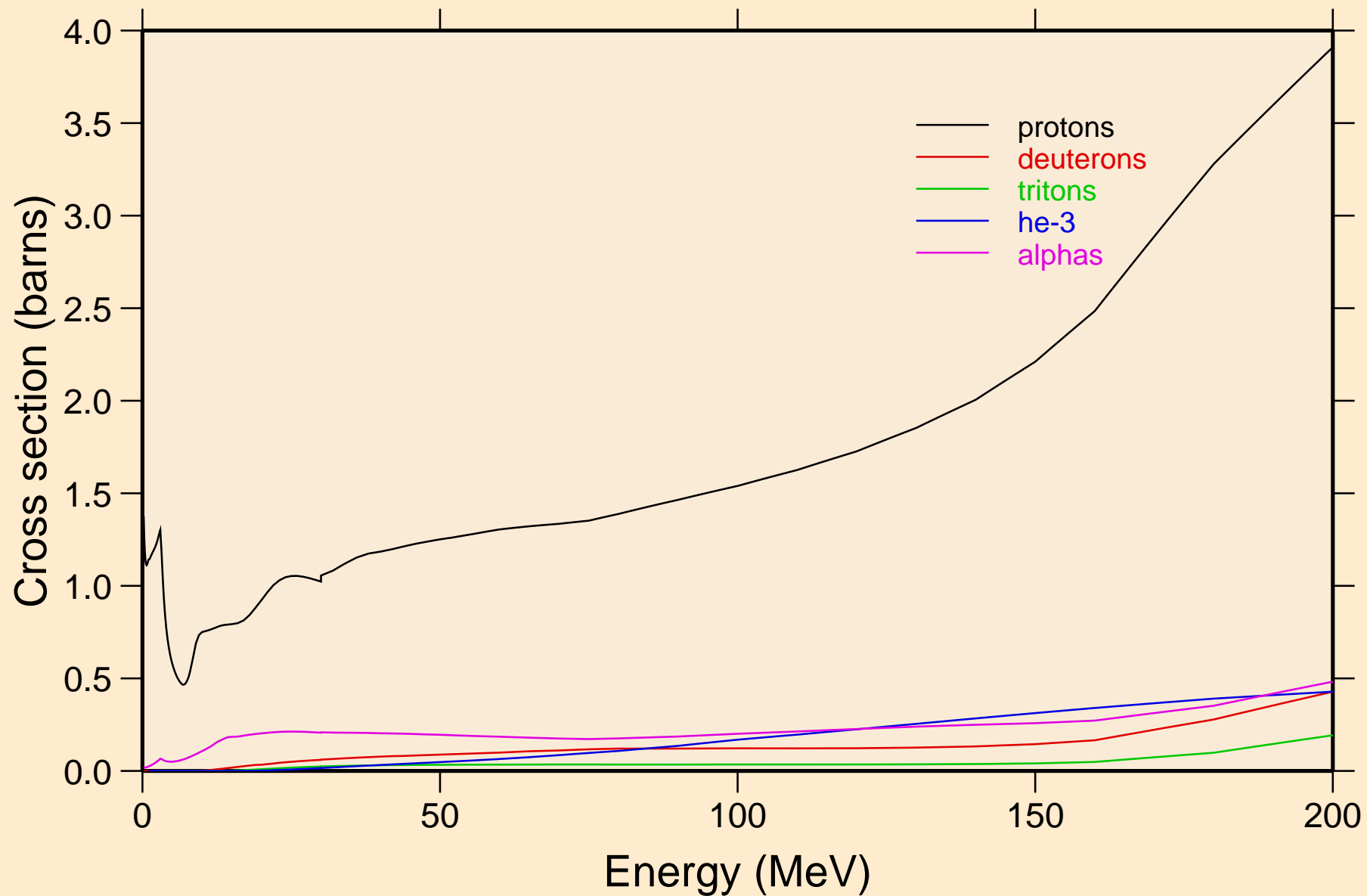
Particle heating contributions



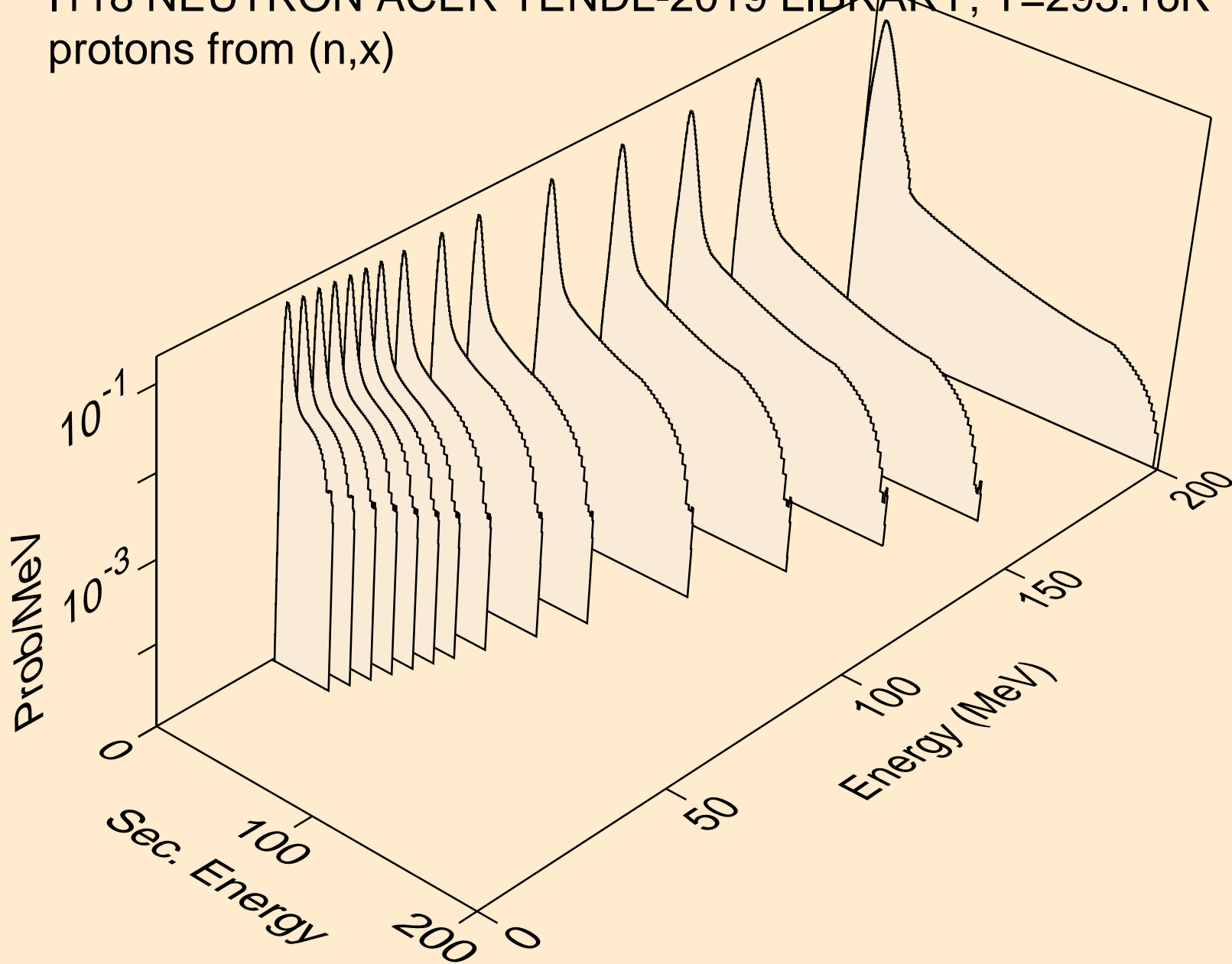
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



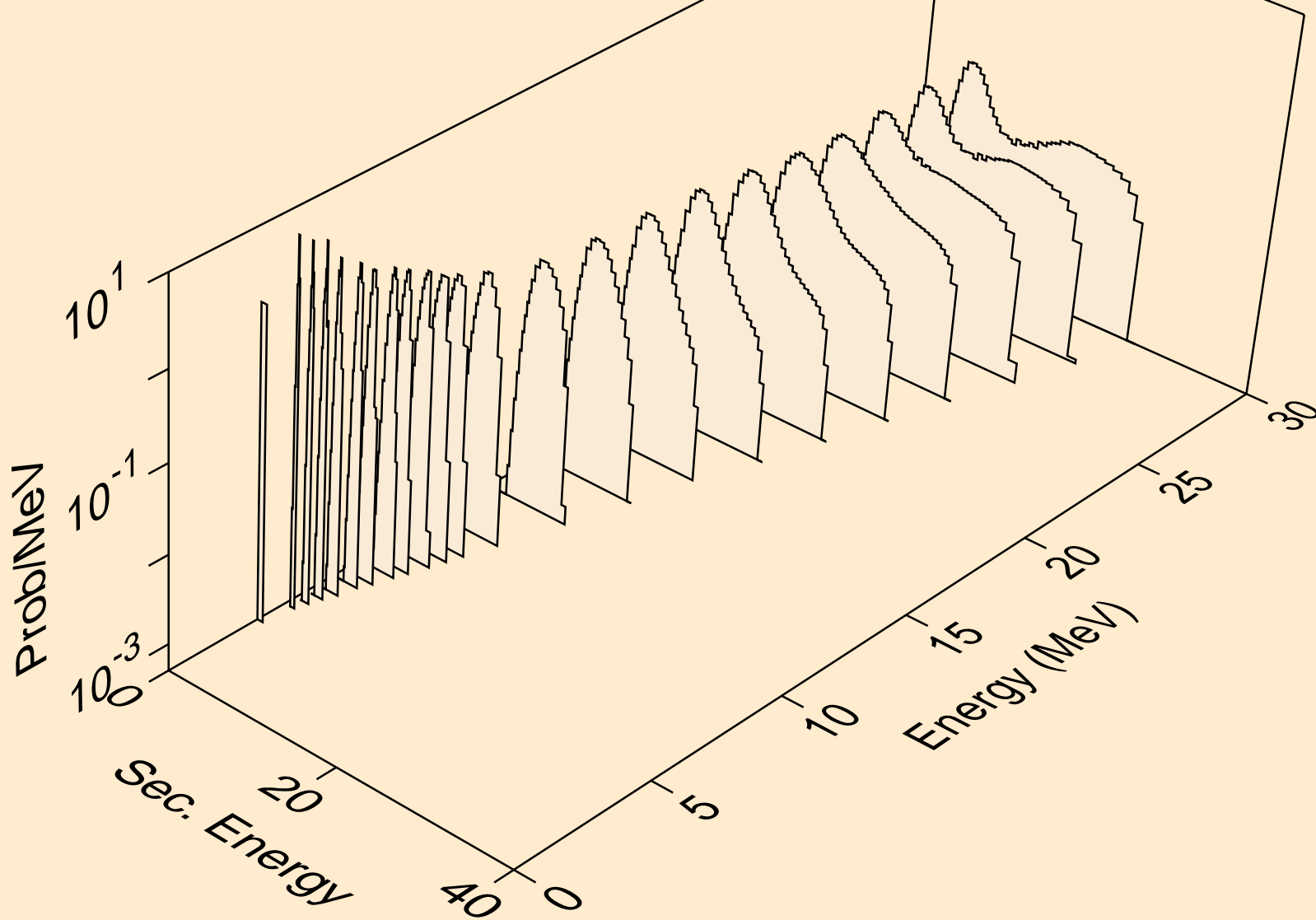
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



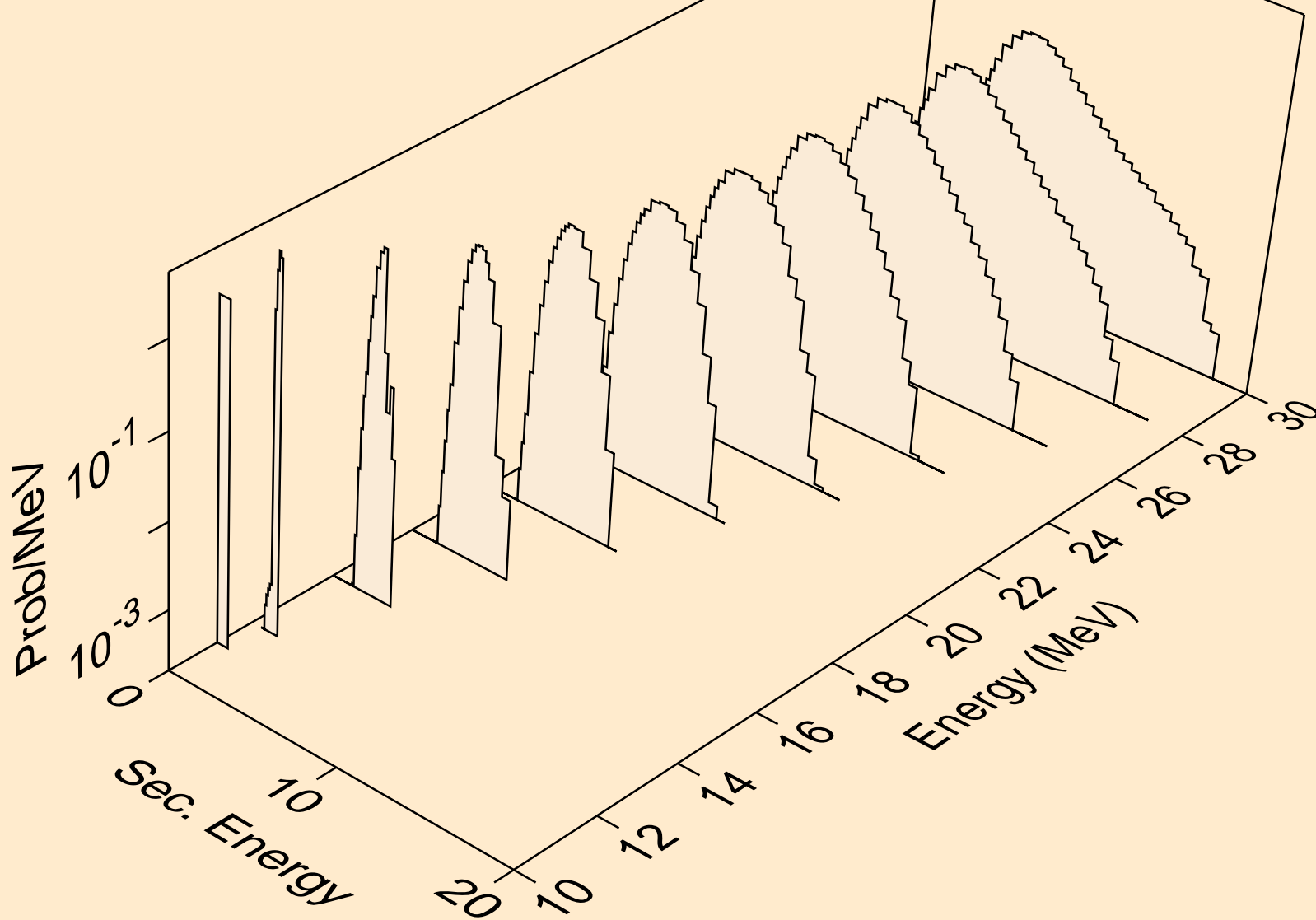
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



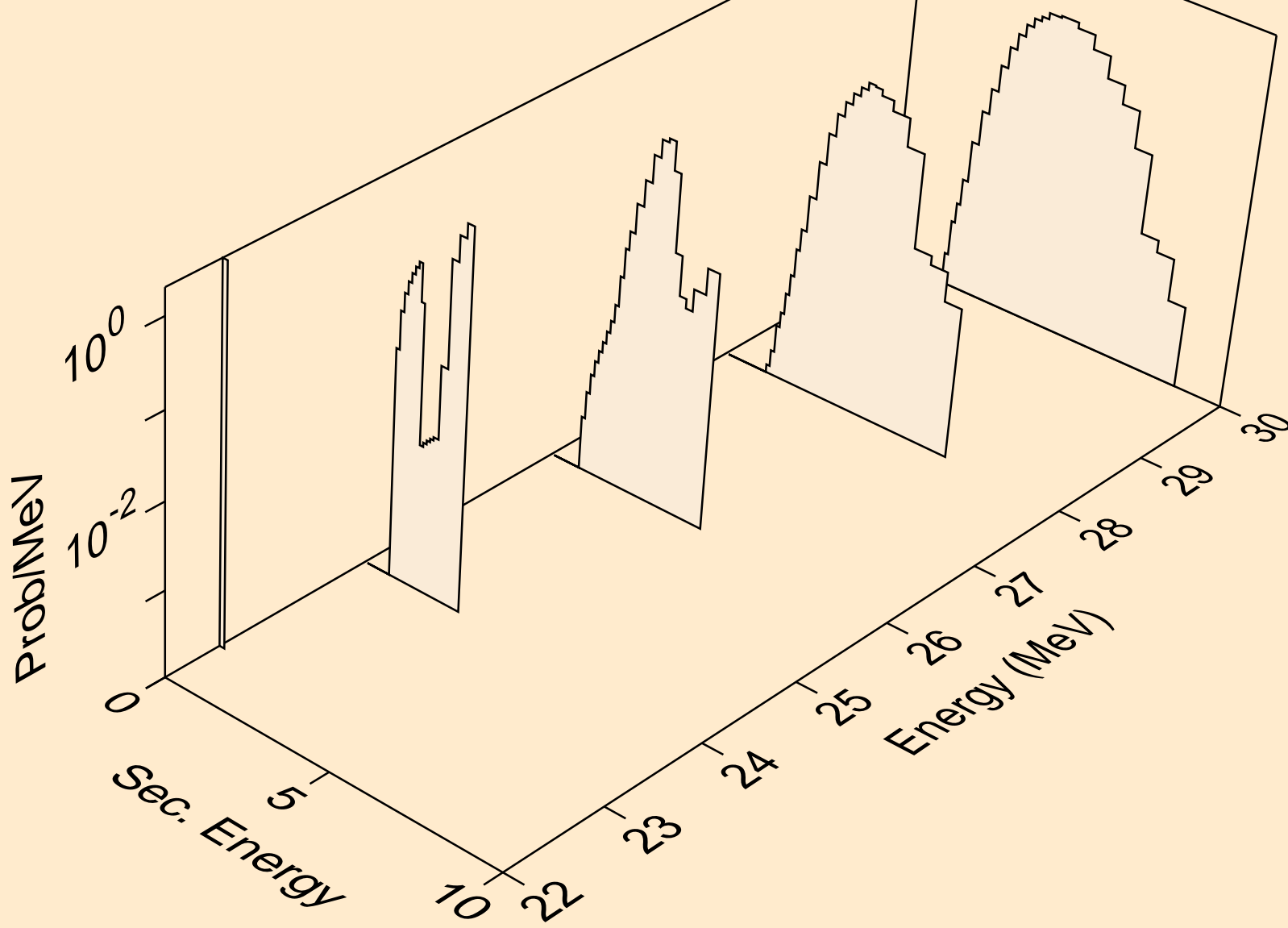
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



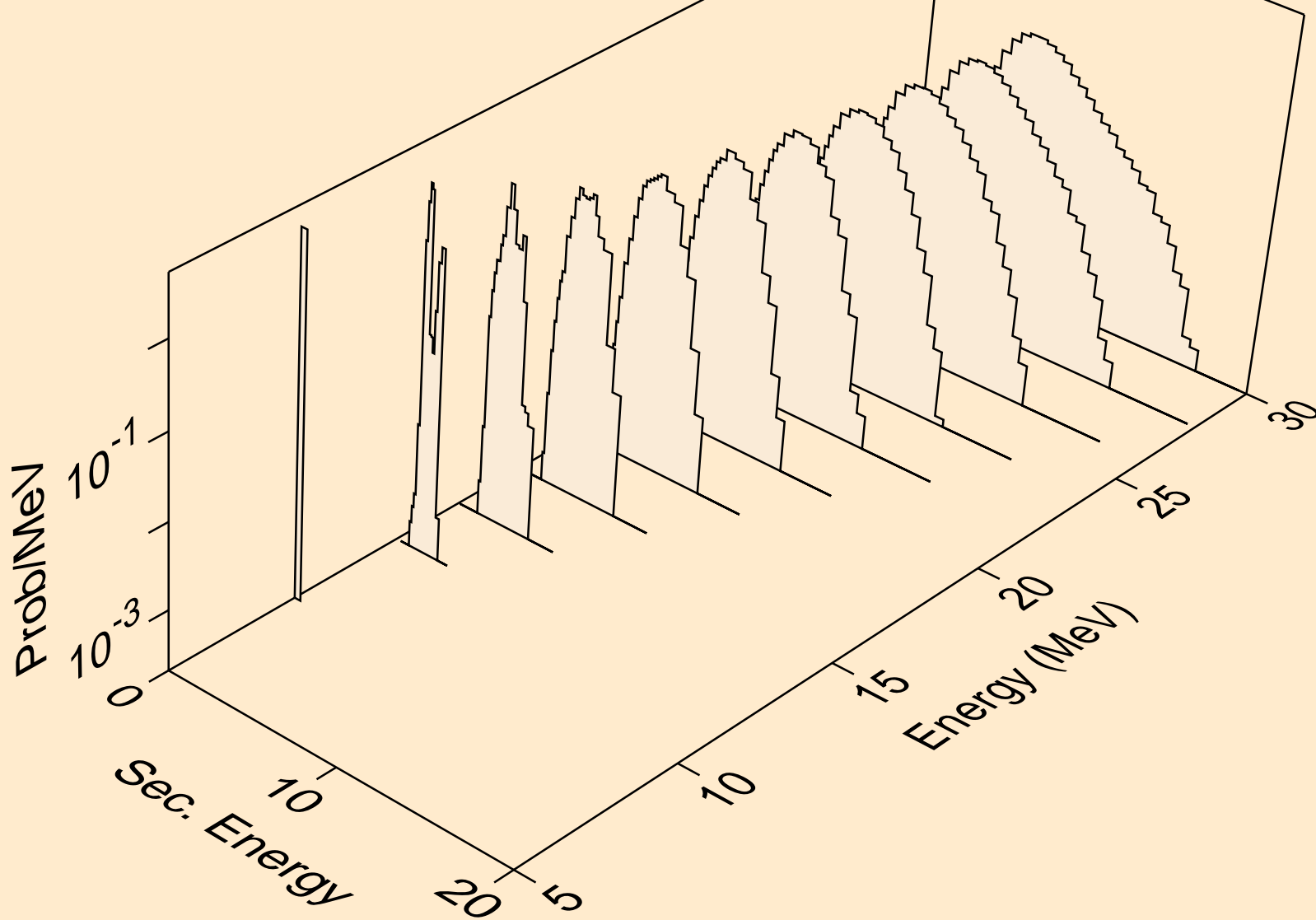
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



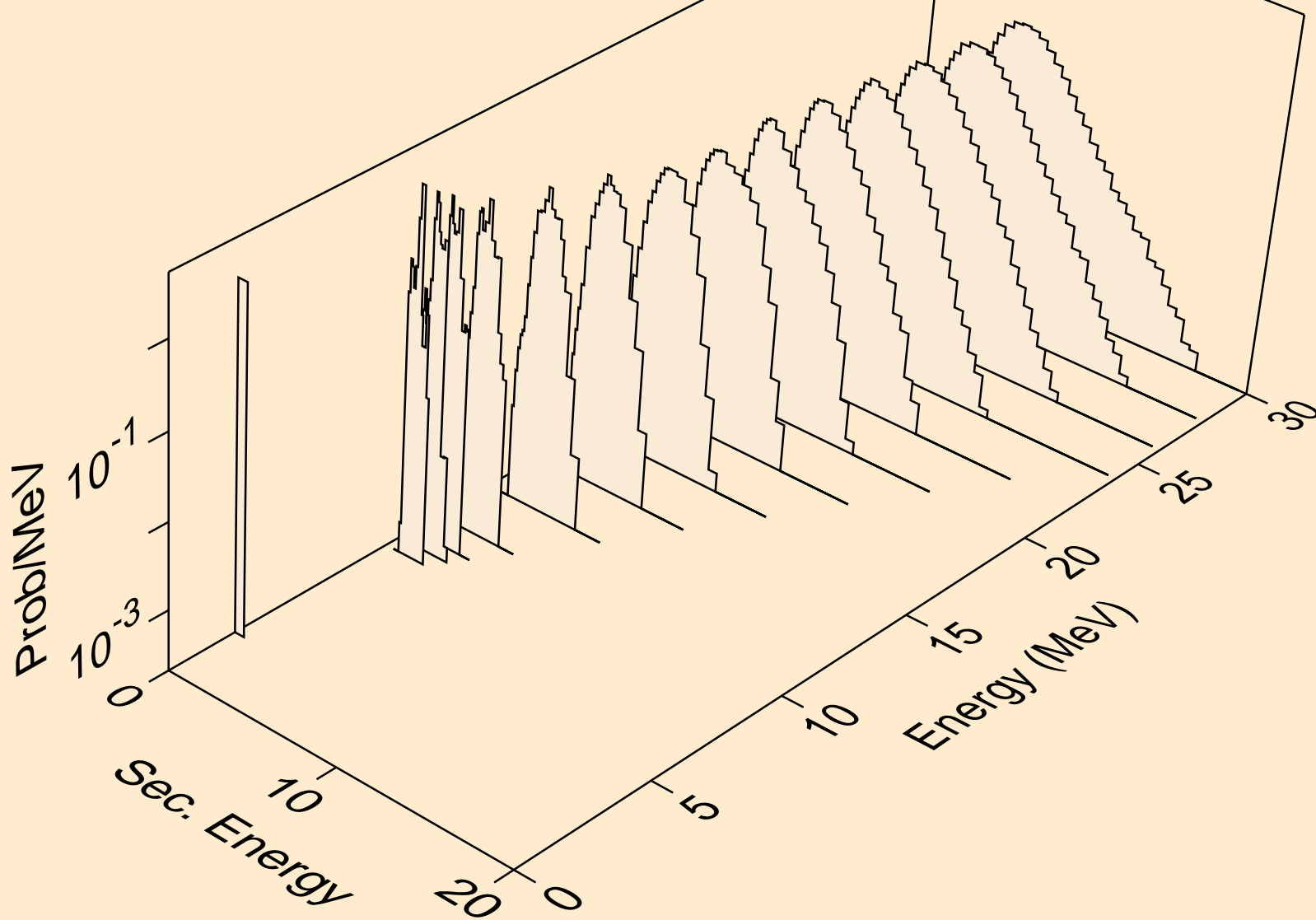
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



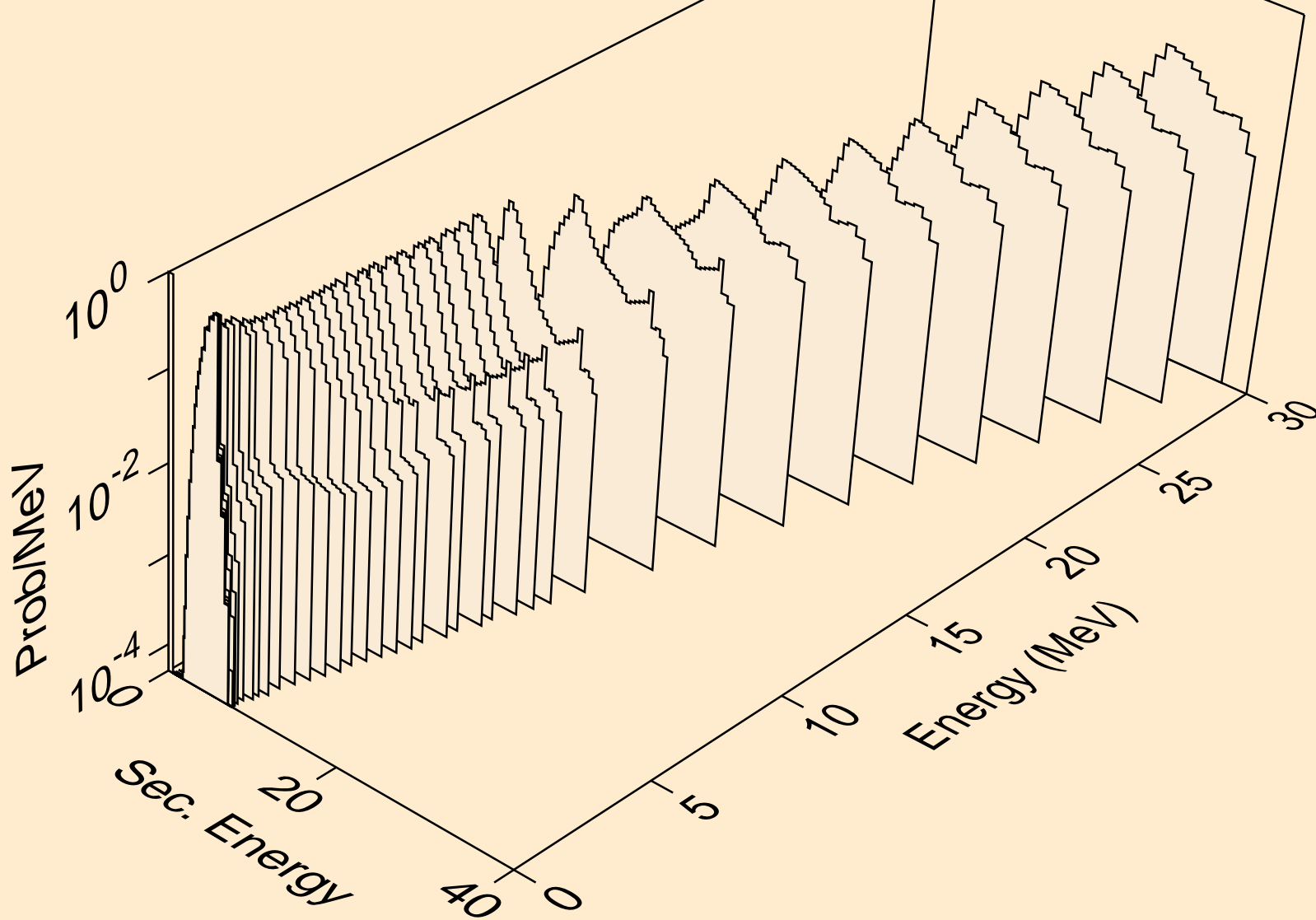
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



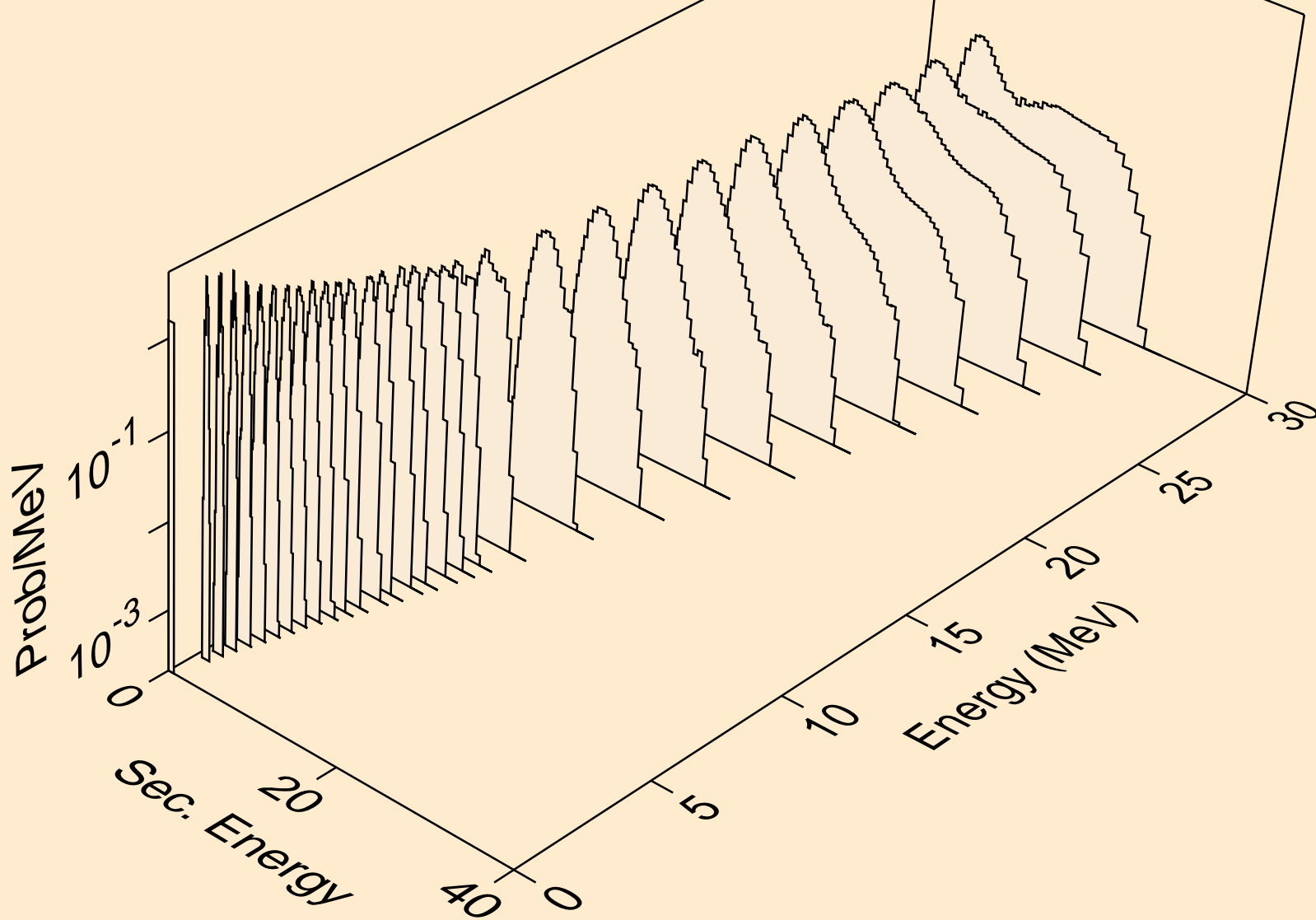
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



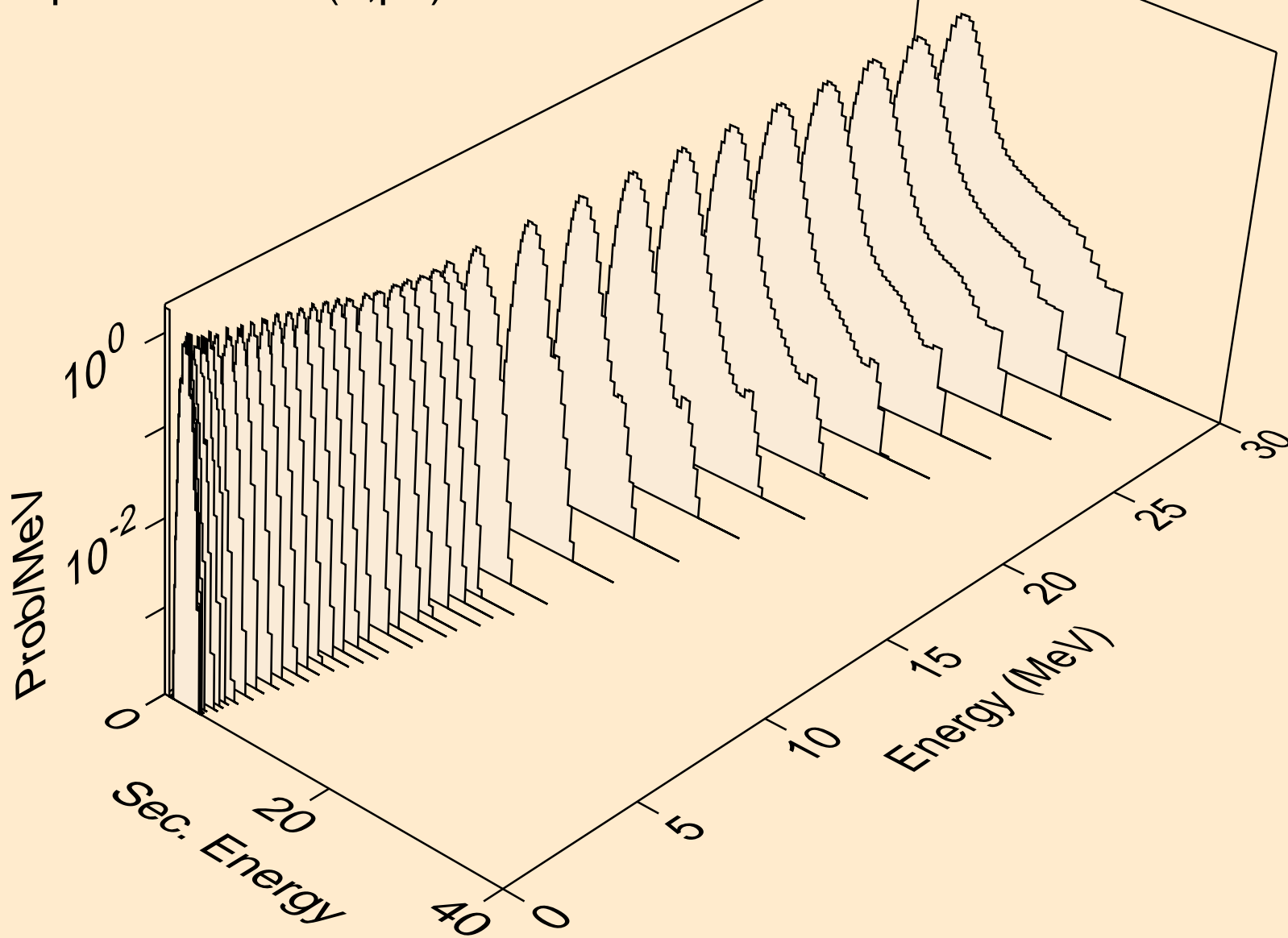
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



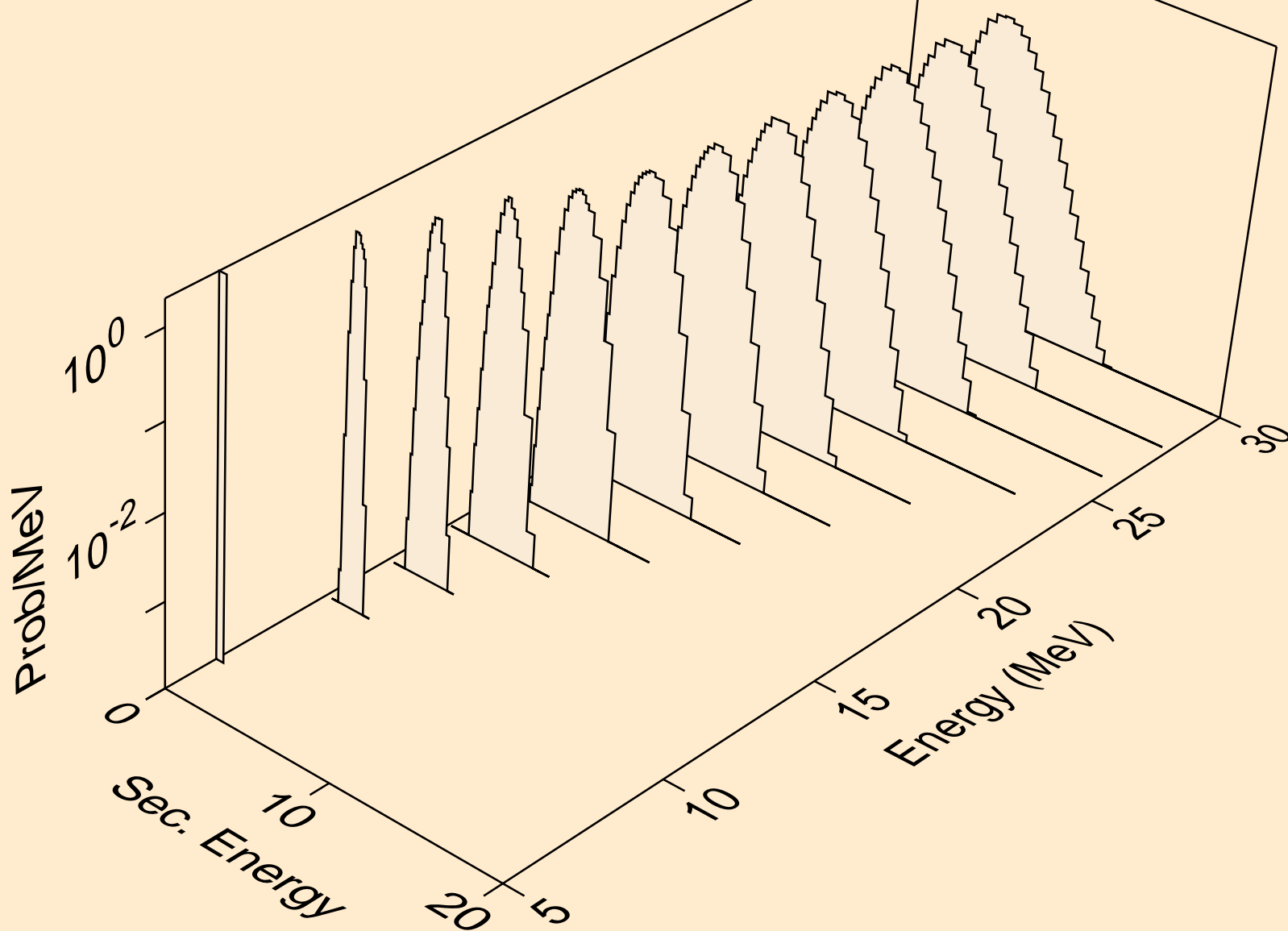
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



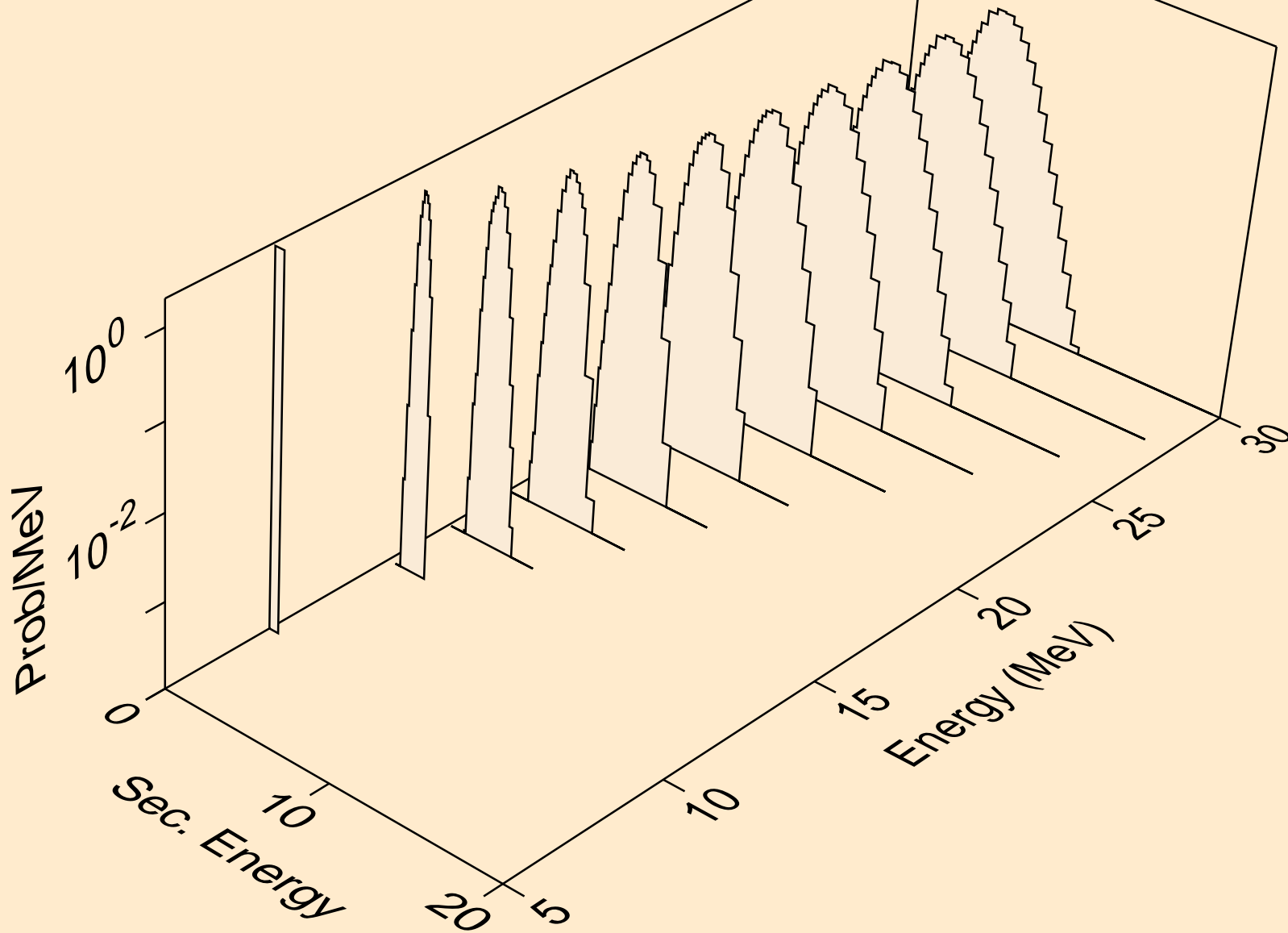
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



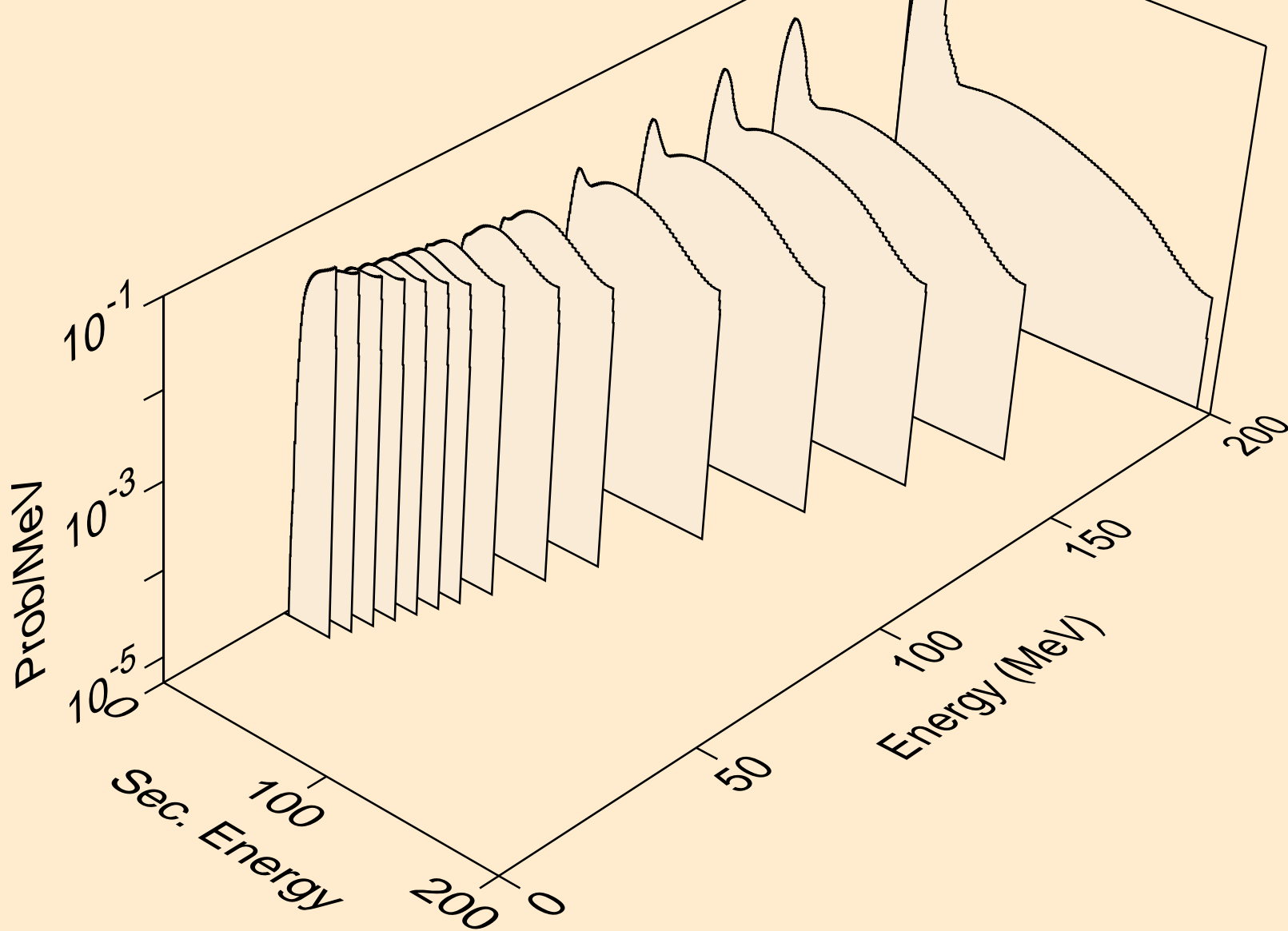
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



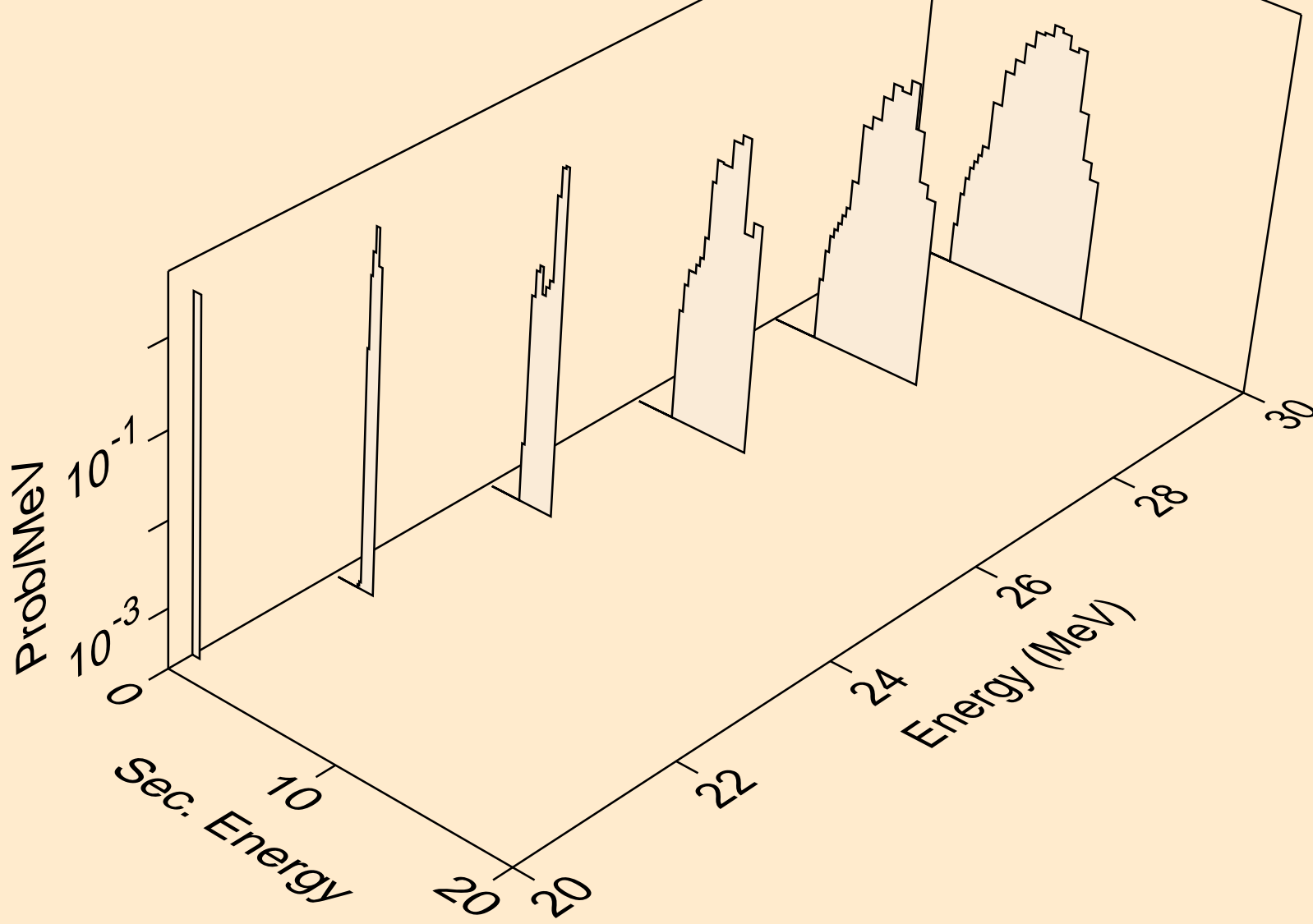
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



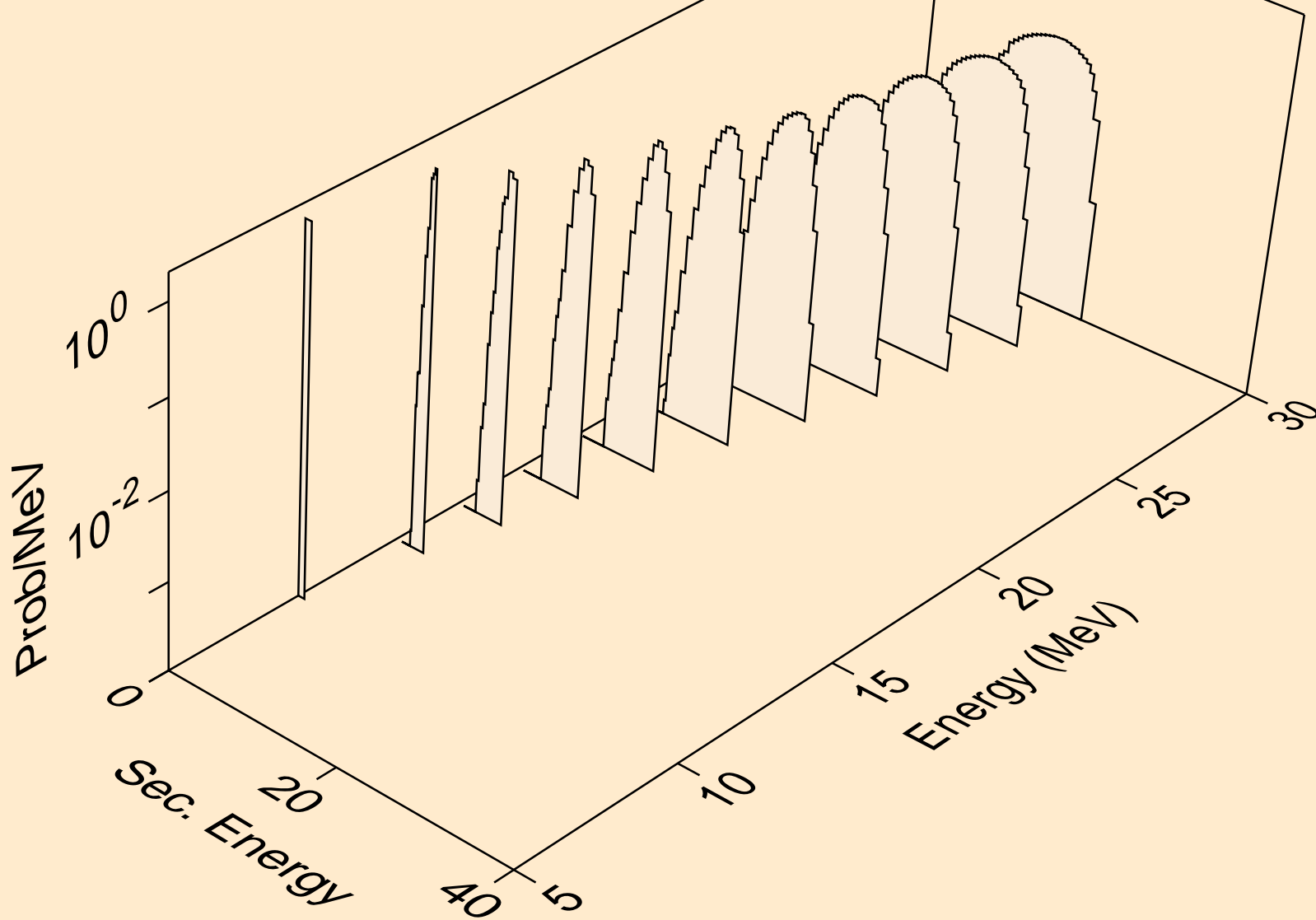
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



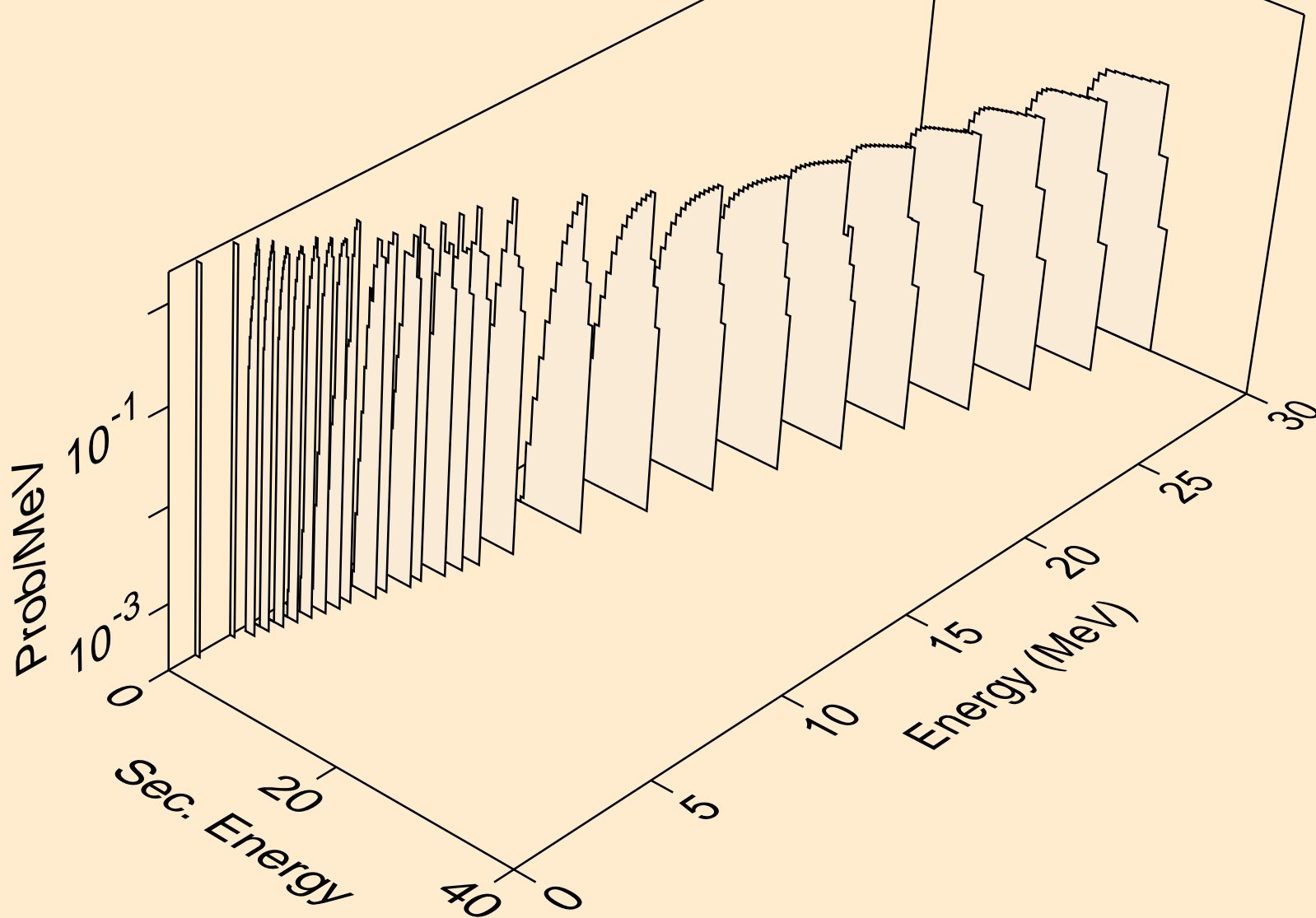
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



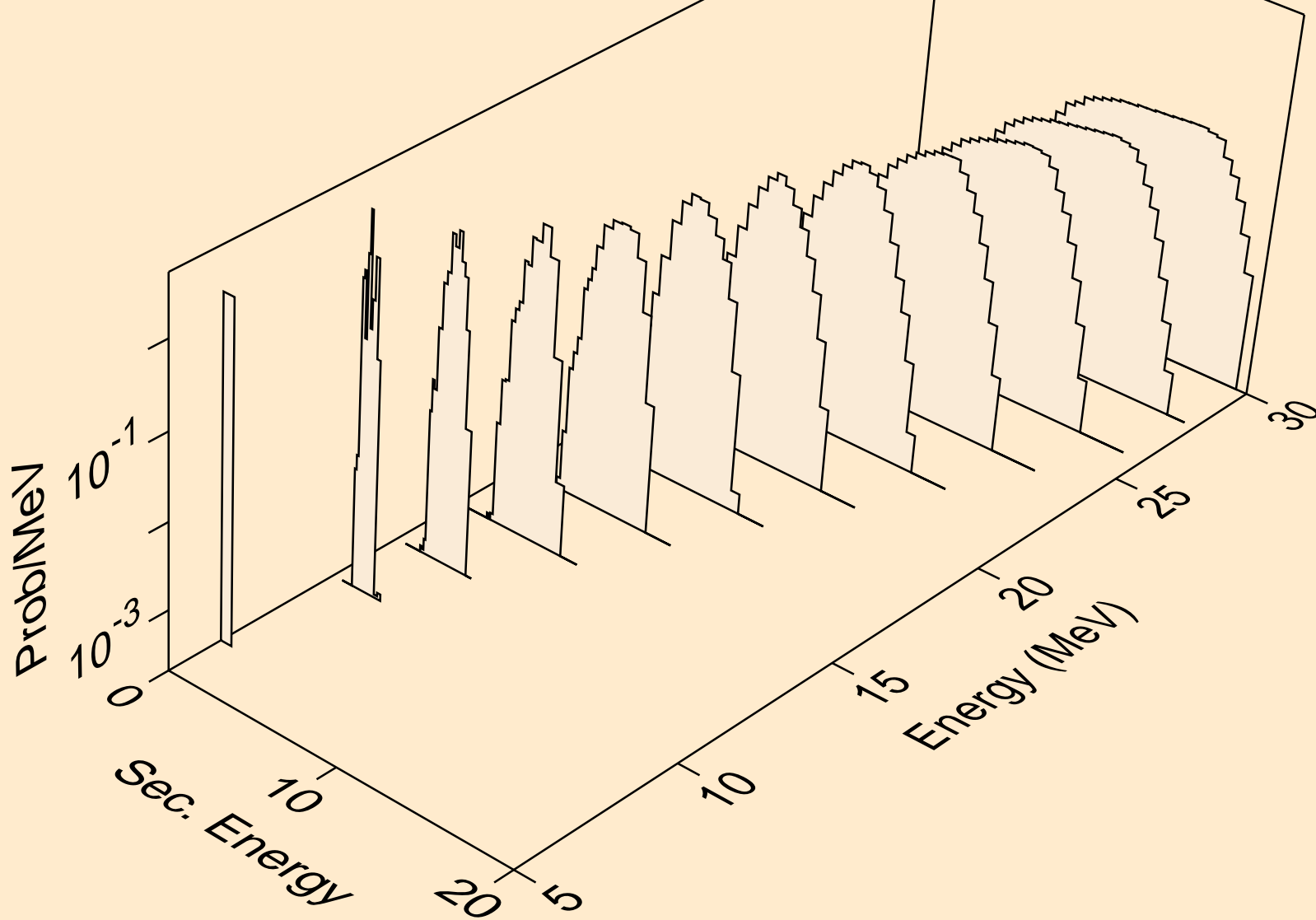
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



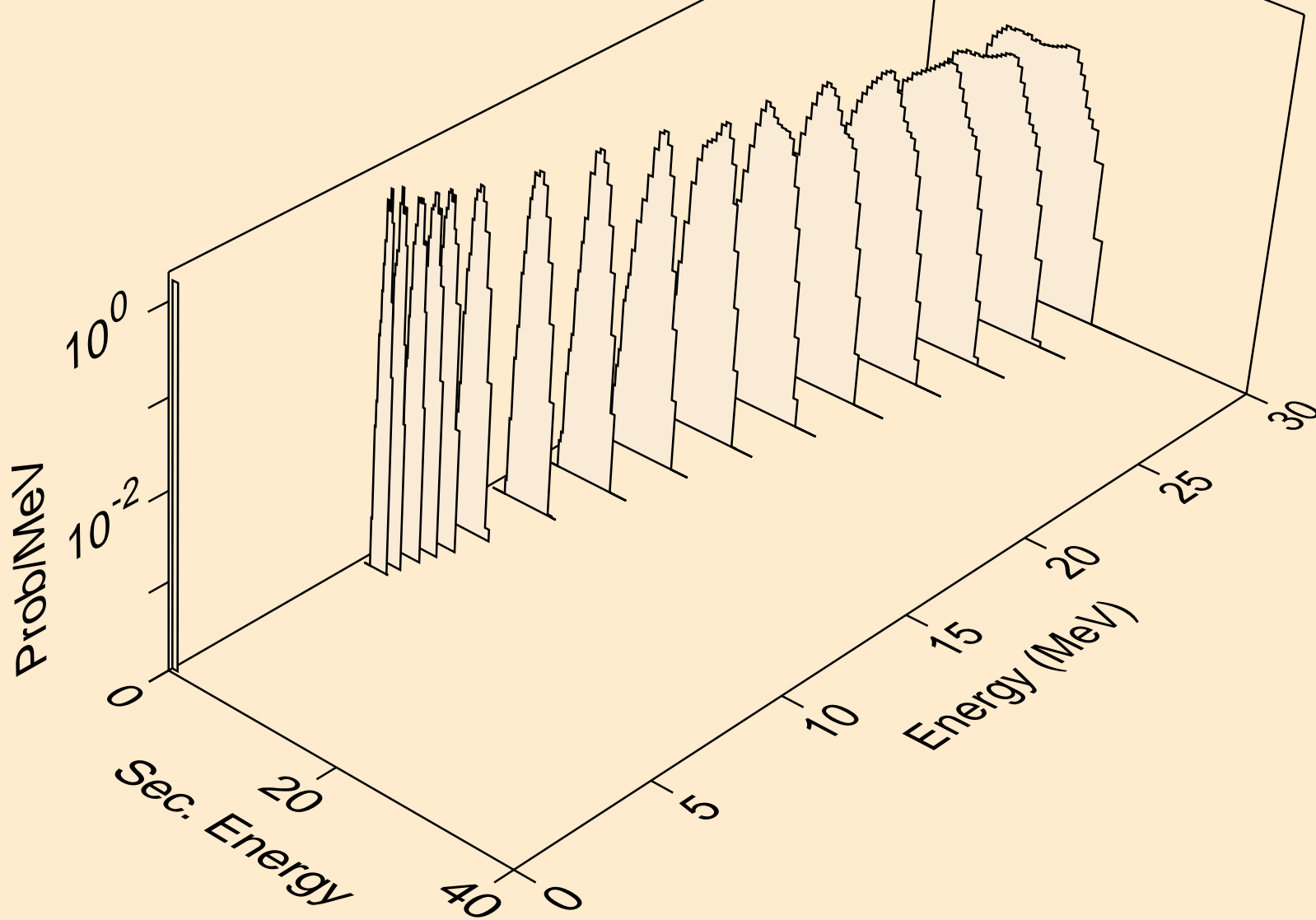
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



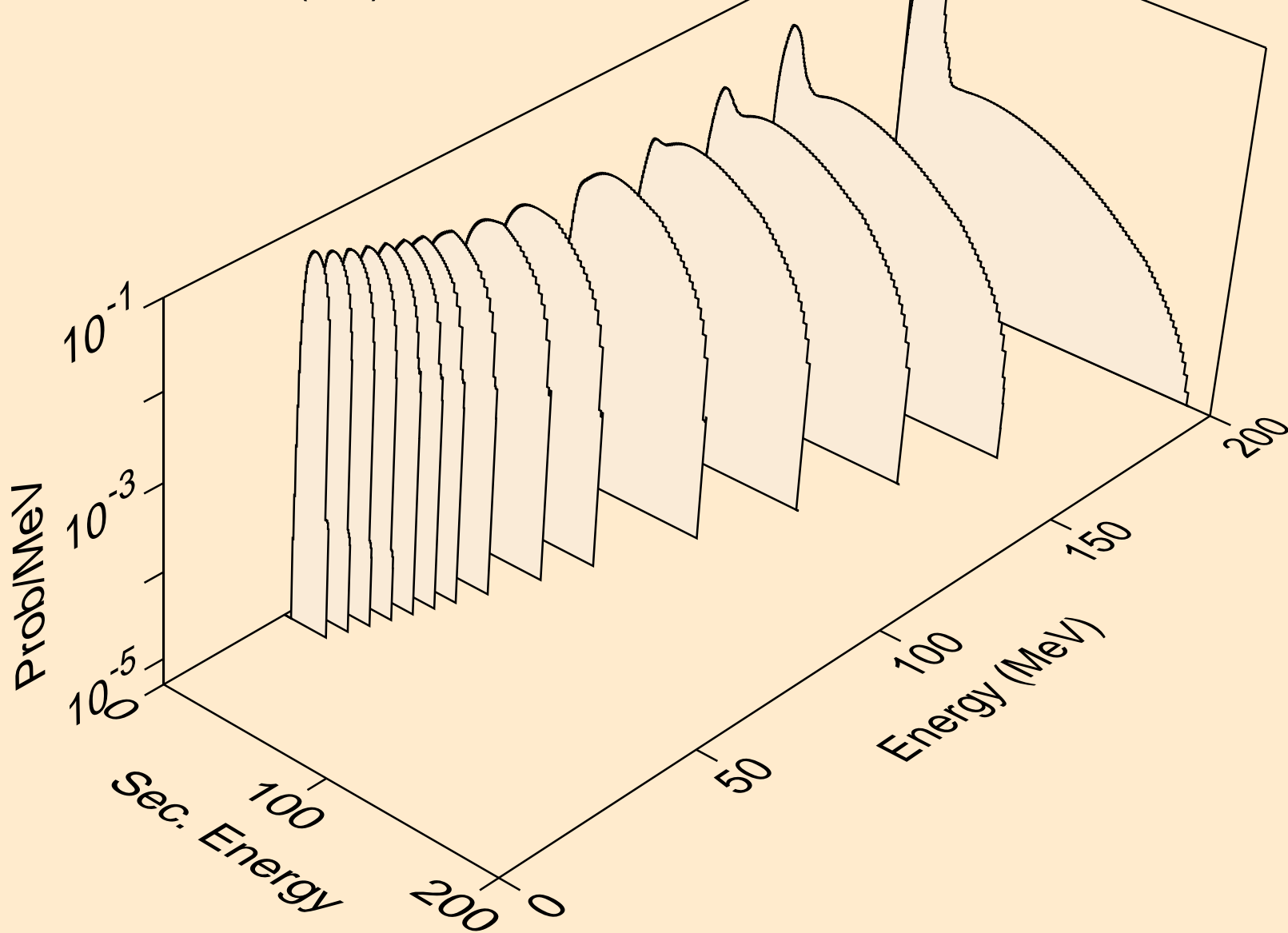
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



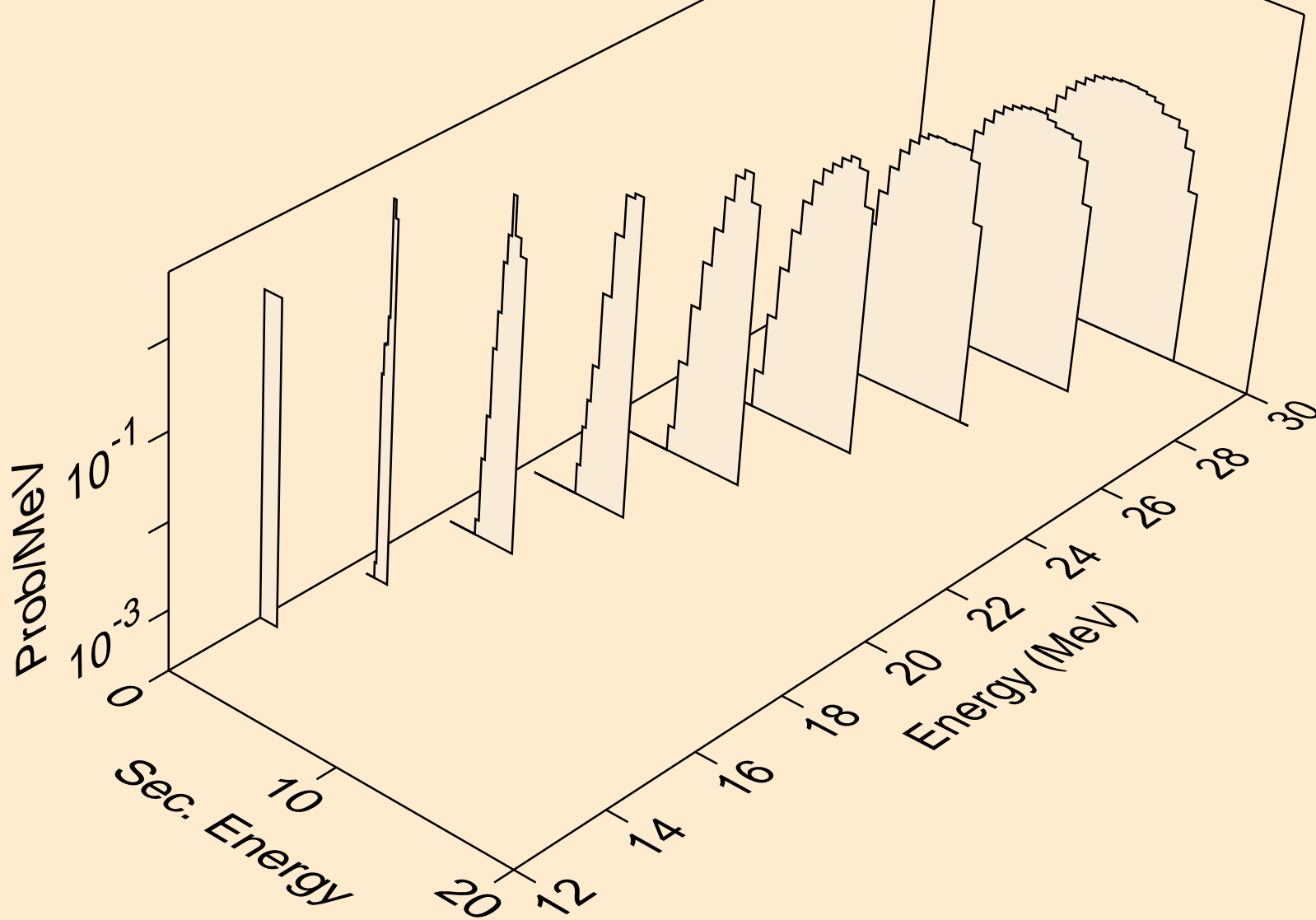
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



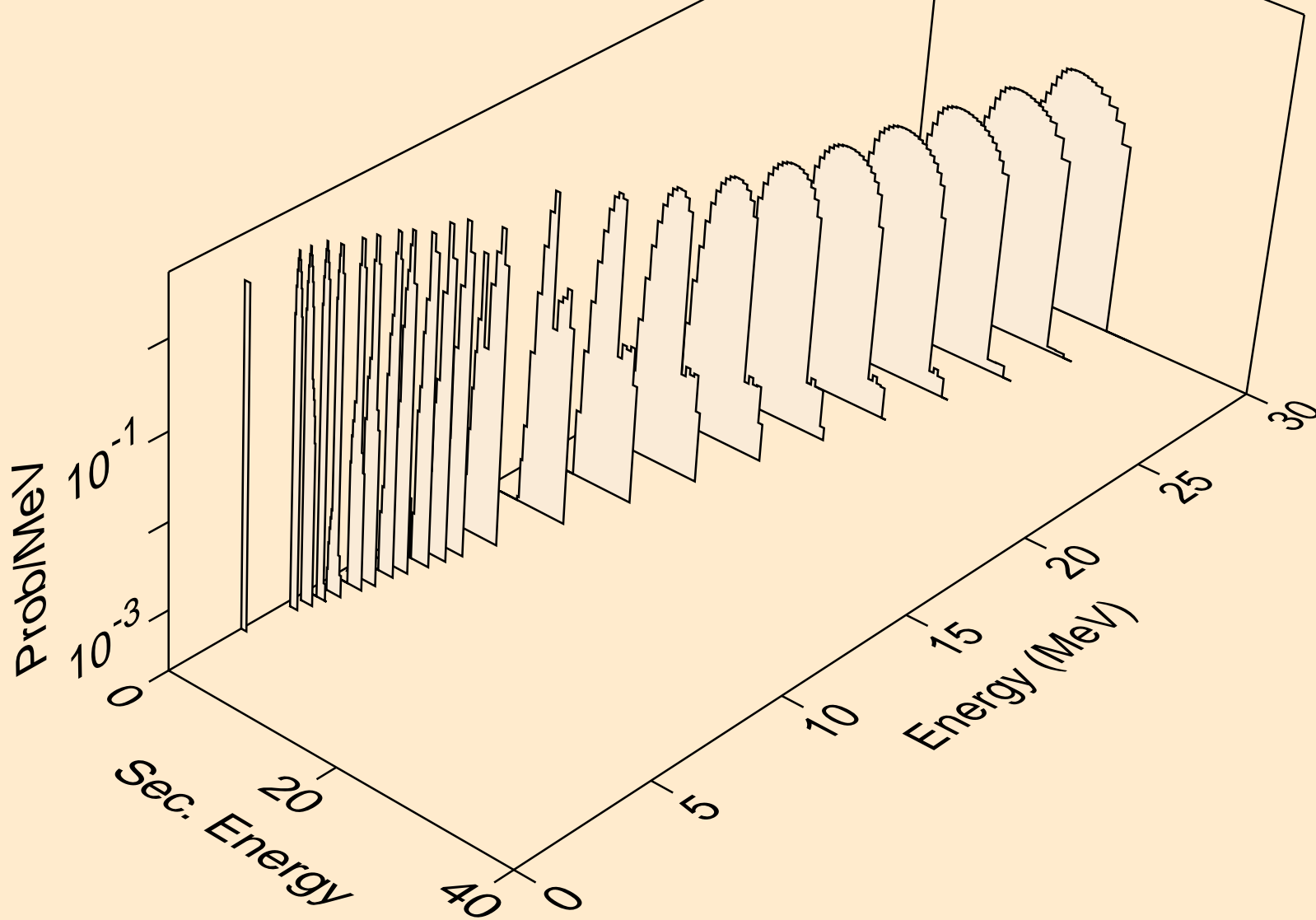
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



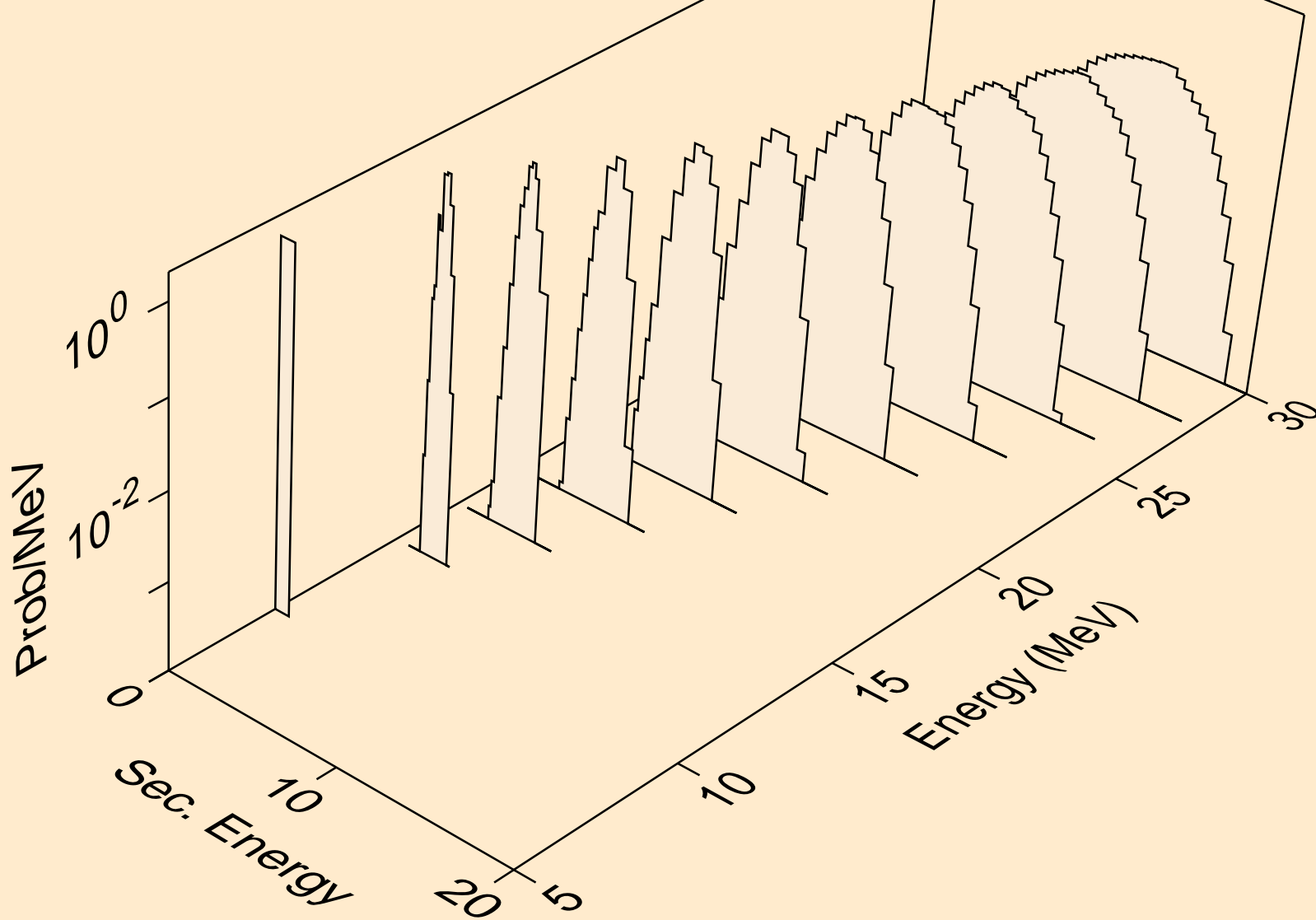
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



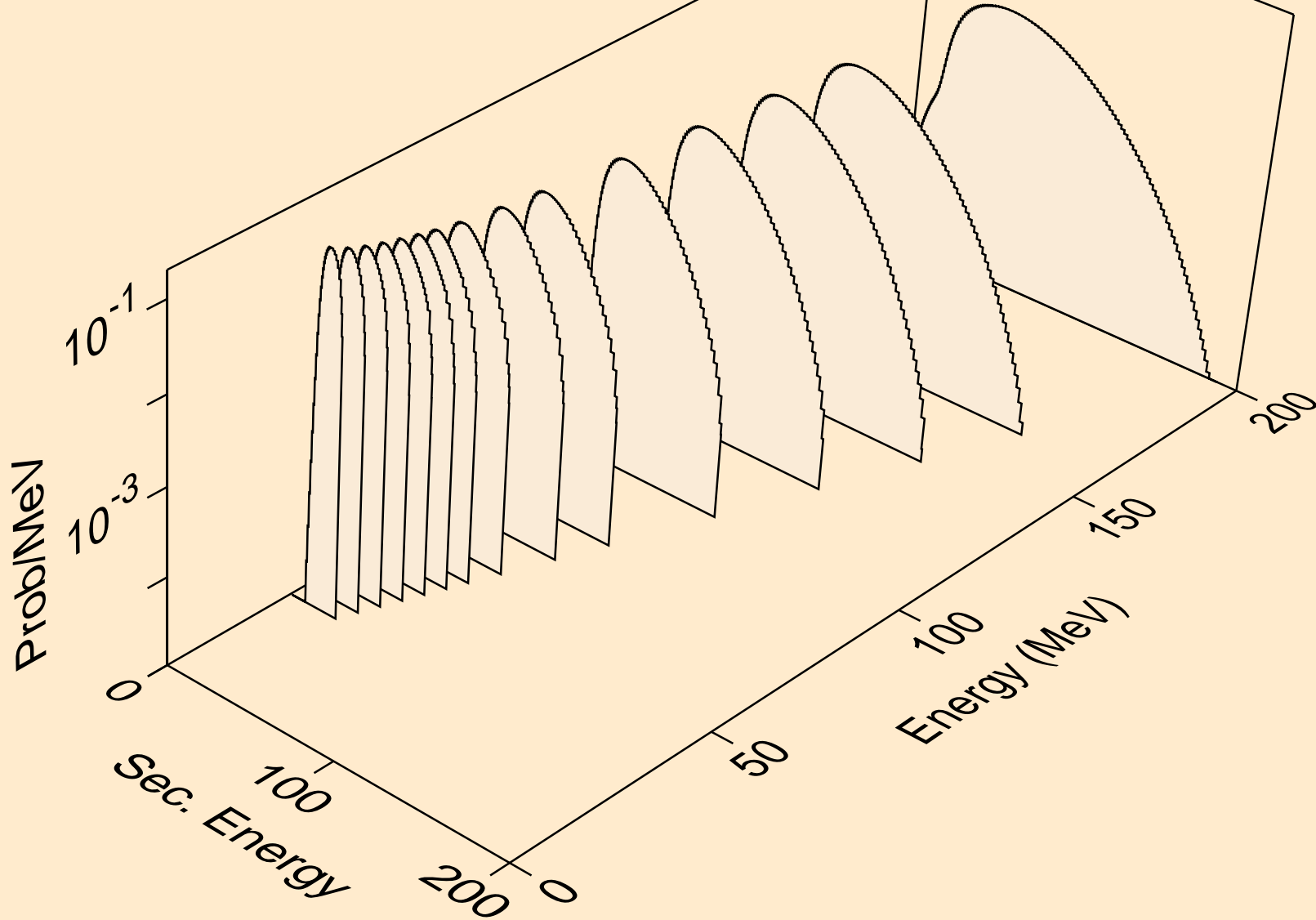
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



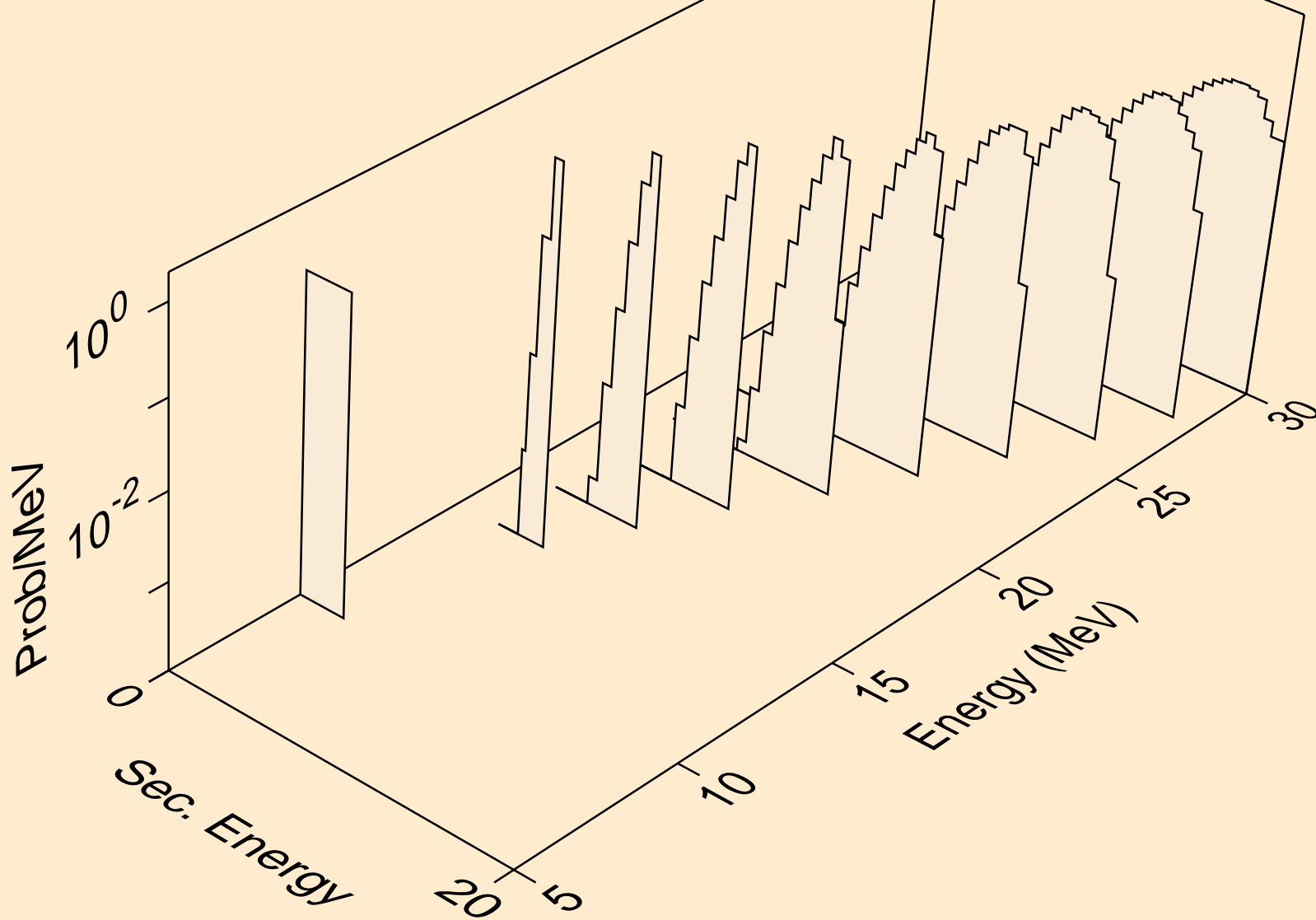
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



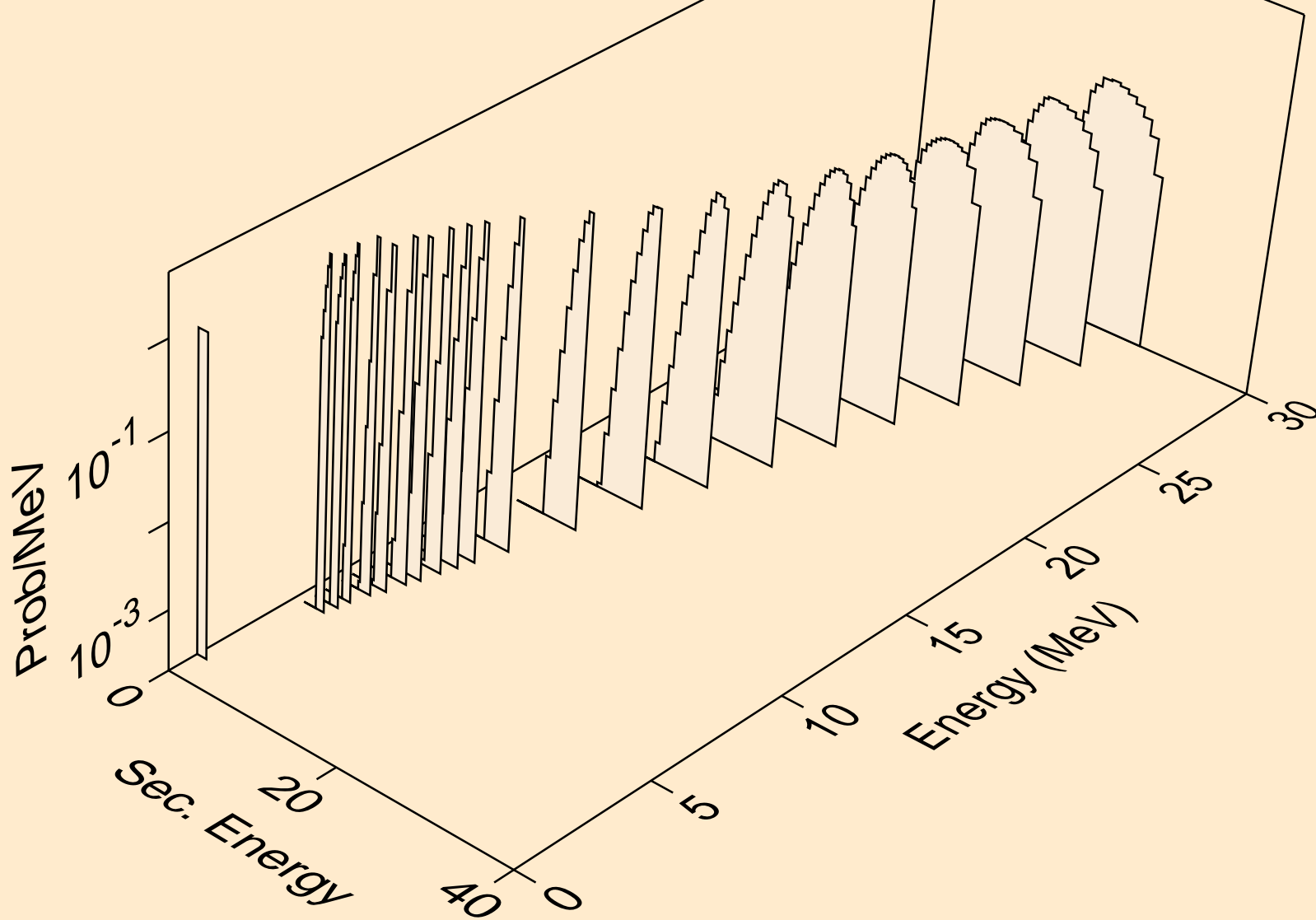
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



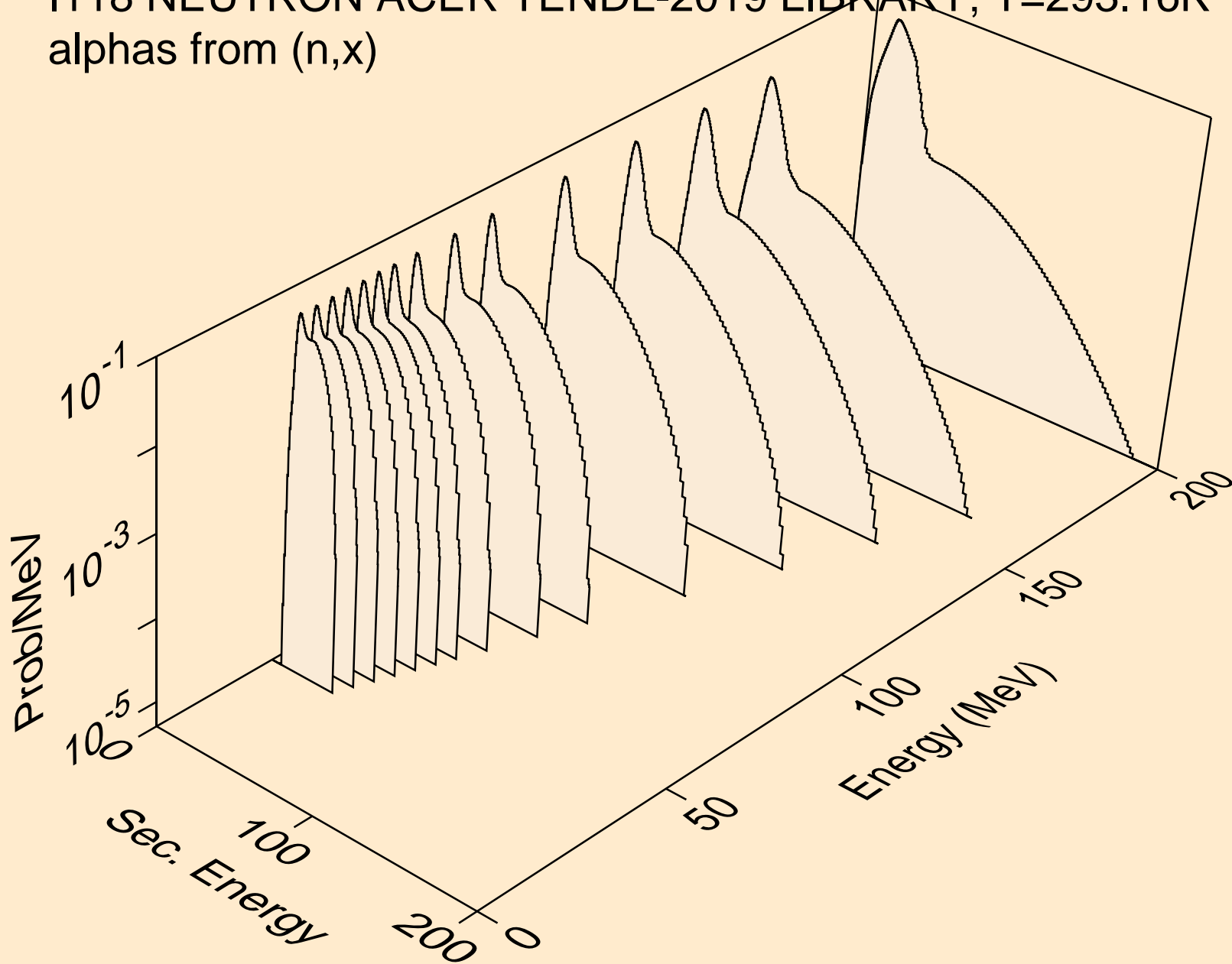
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



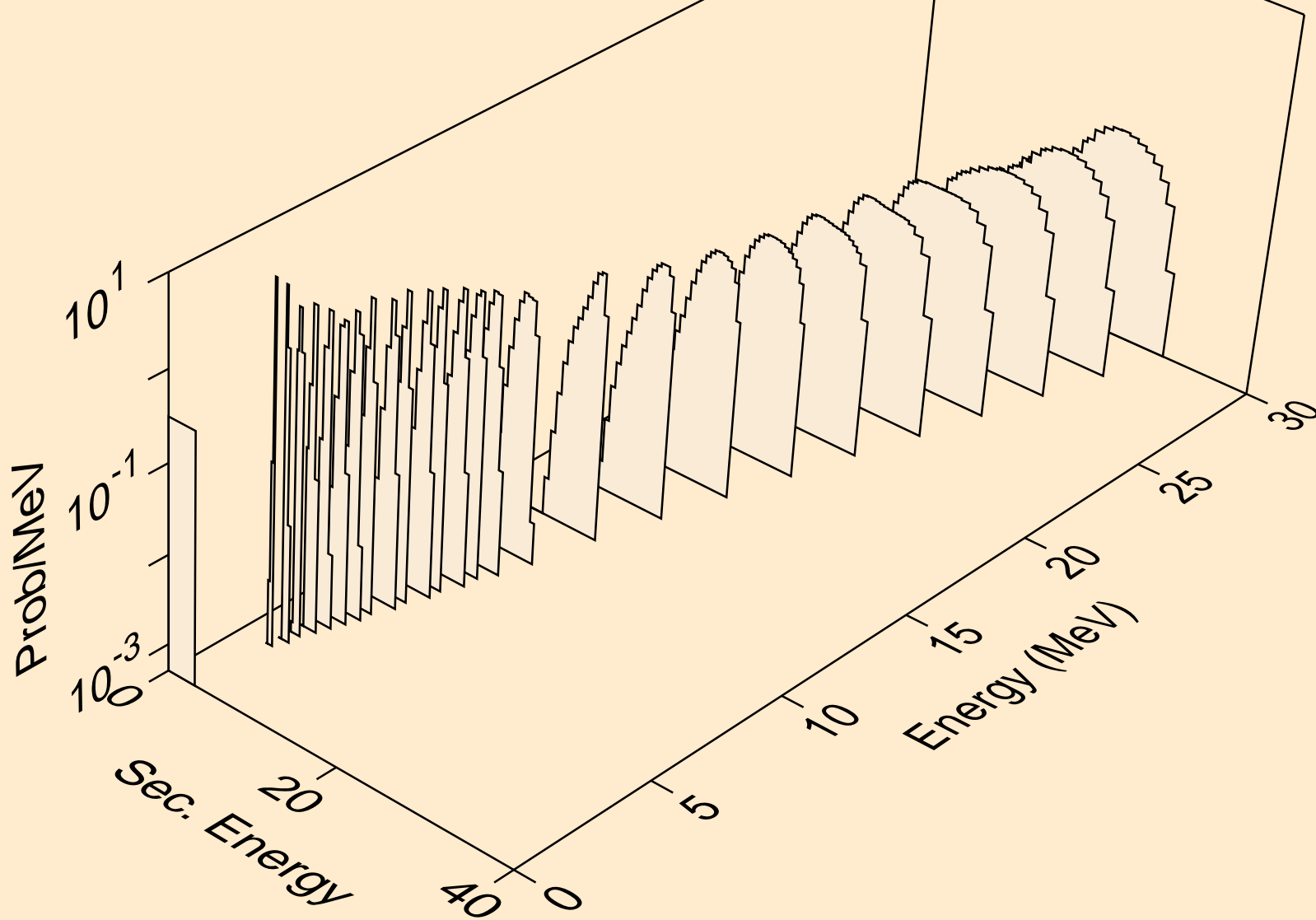
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



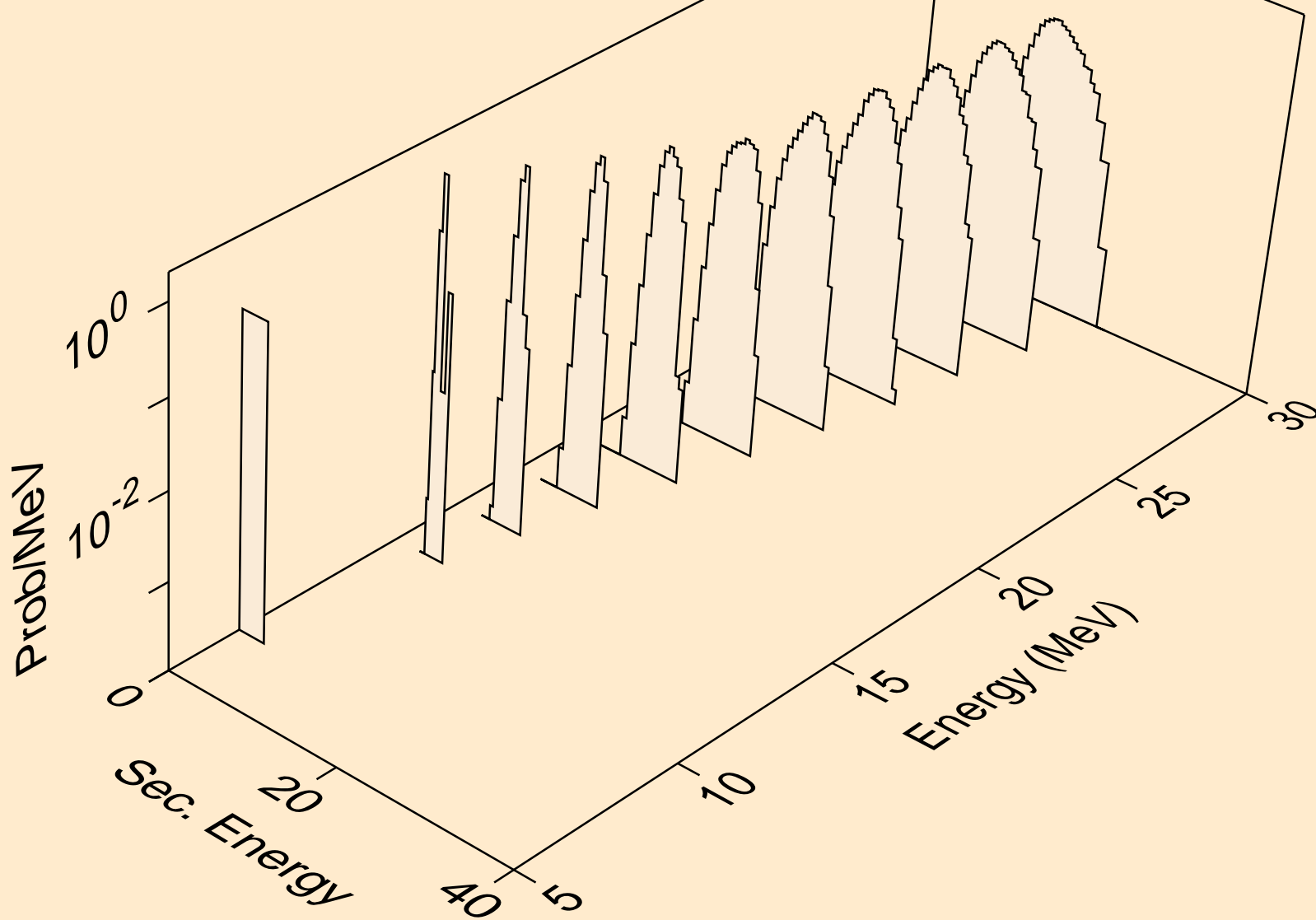
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



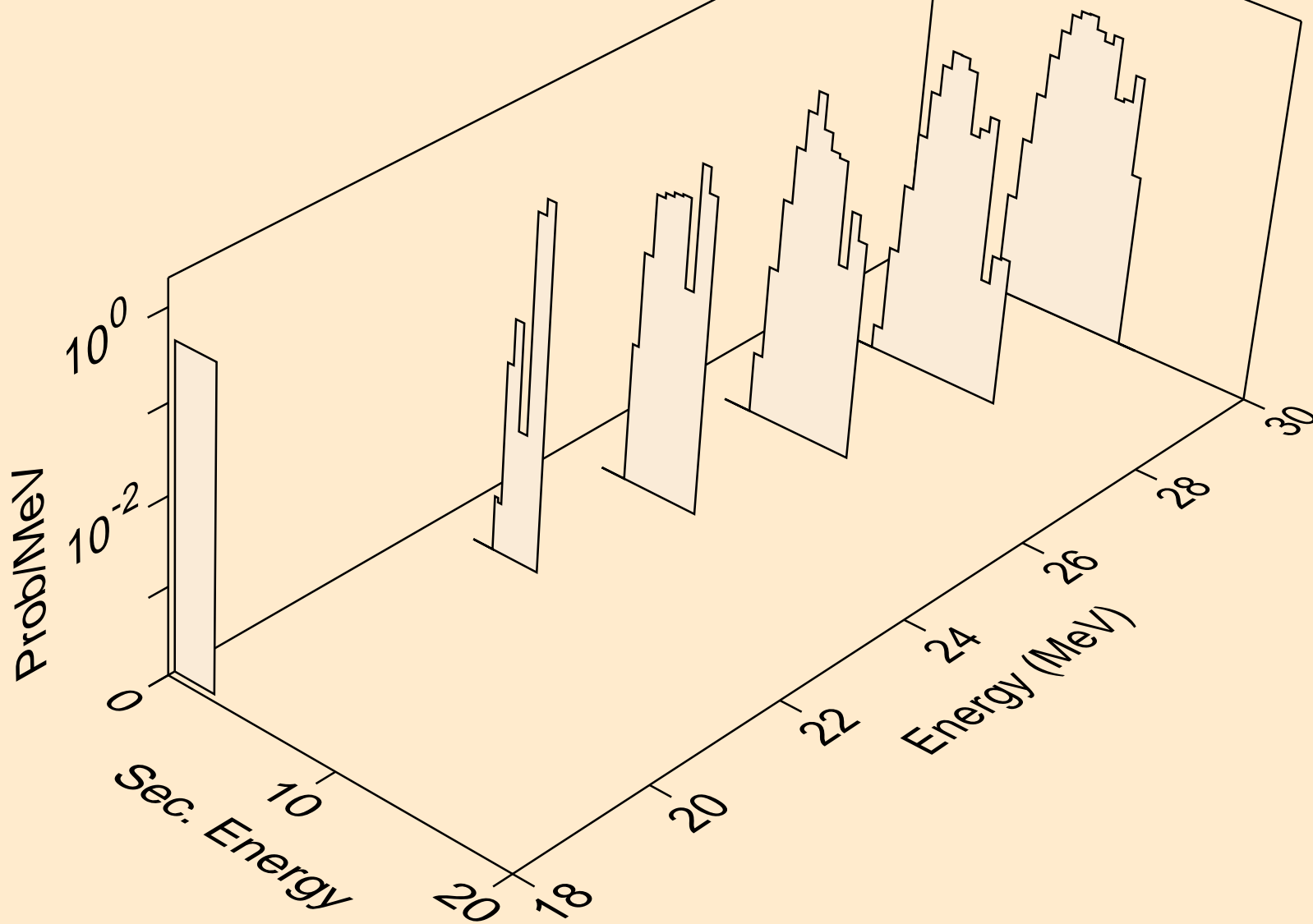
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



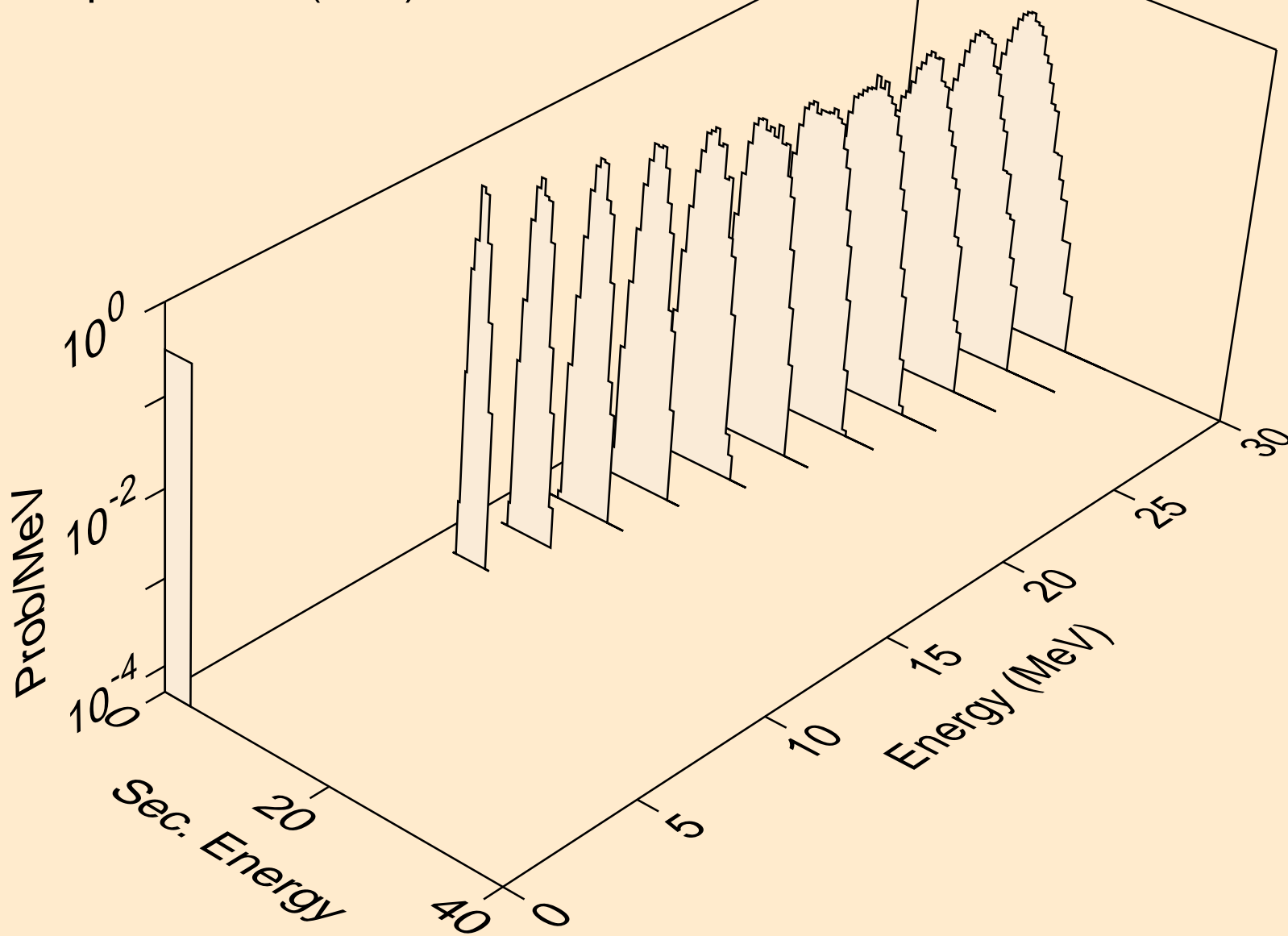
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



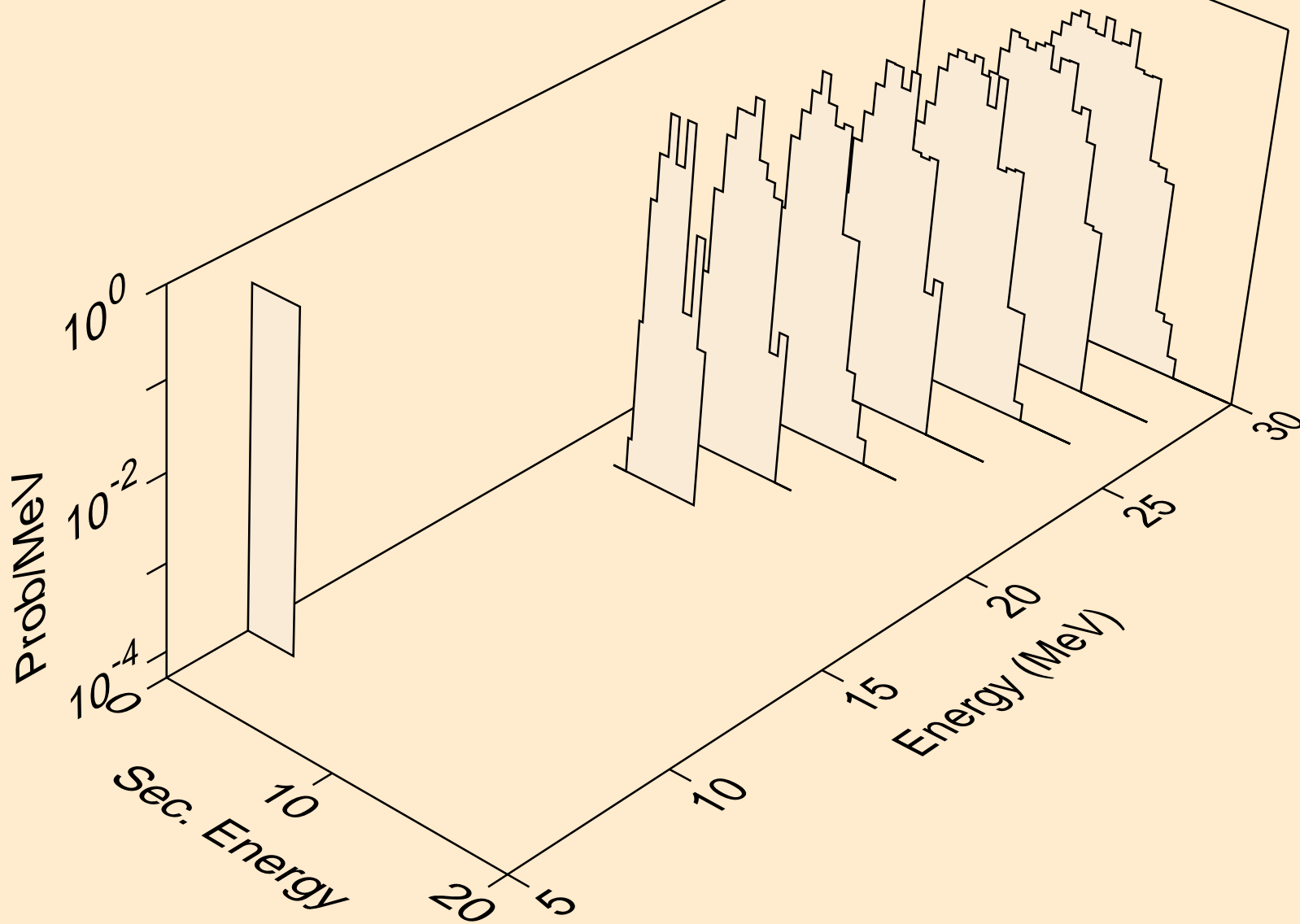
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



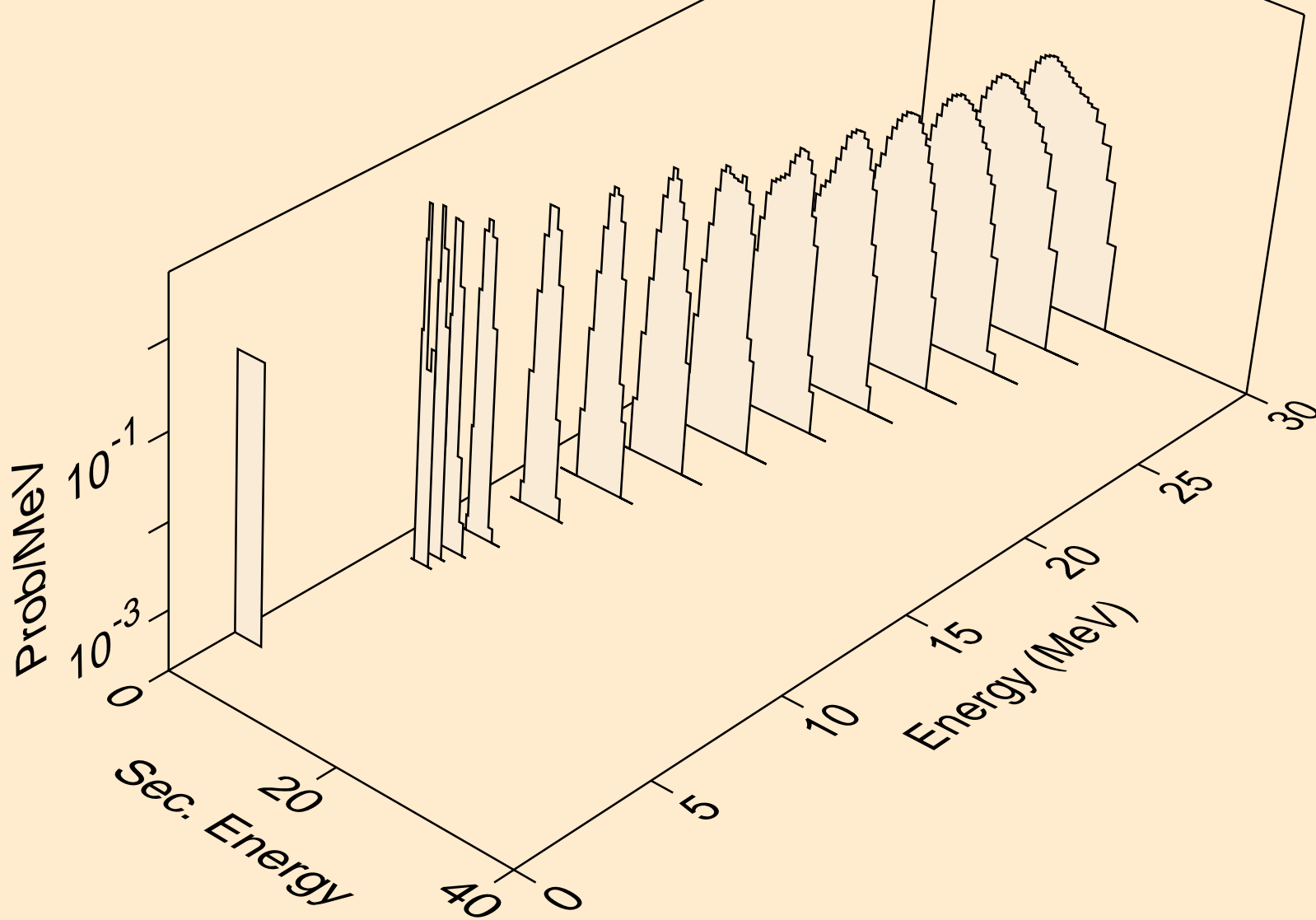
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



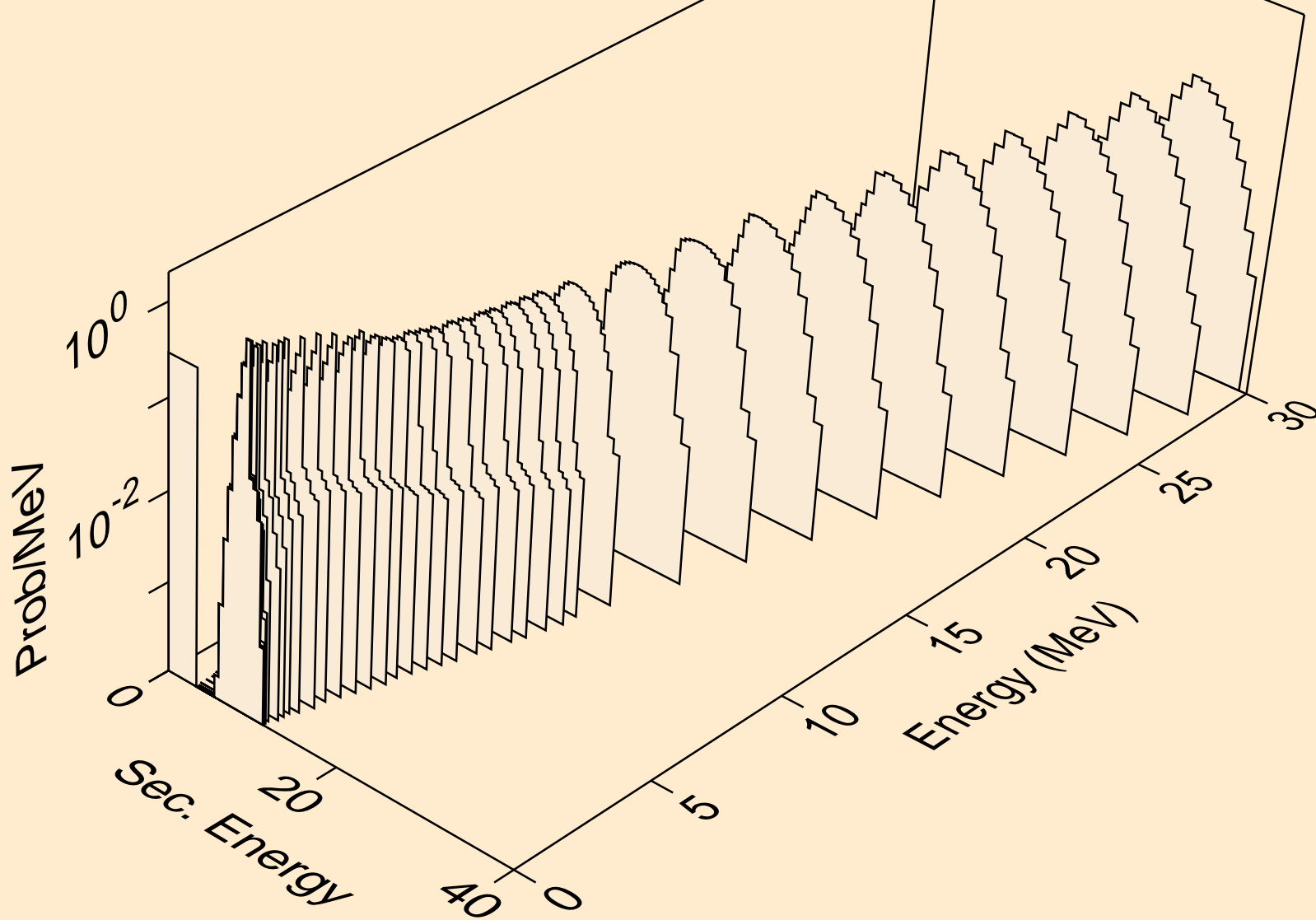
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



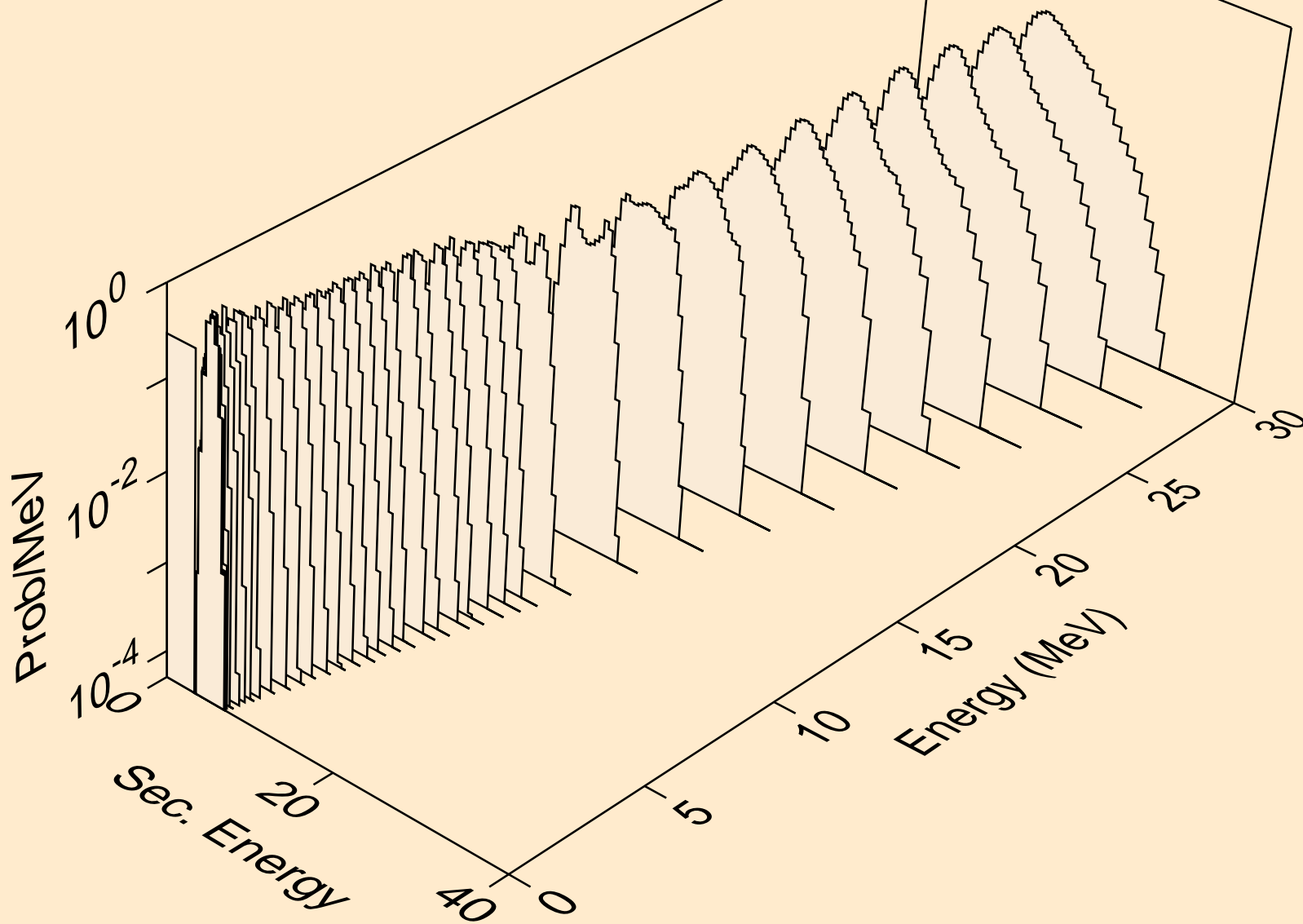
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



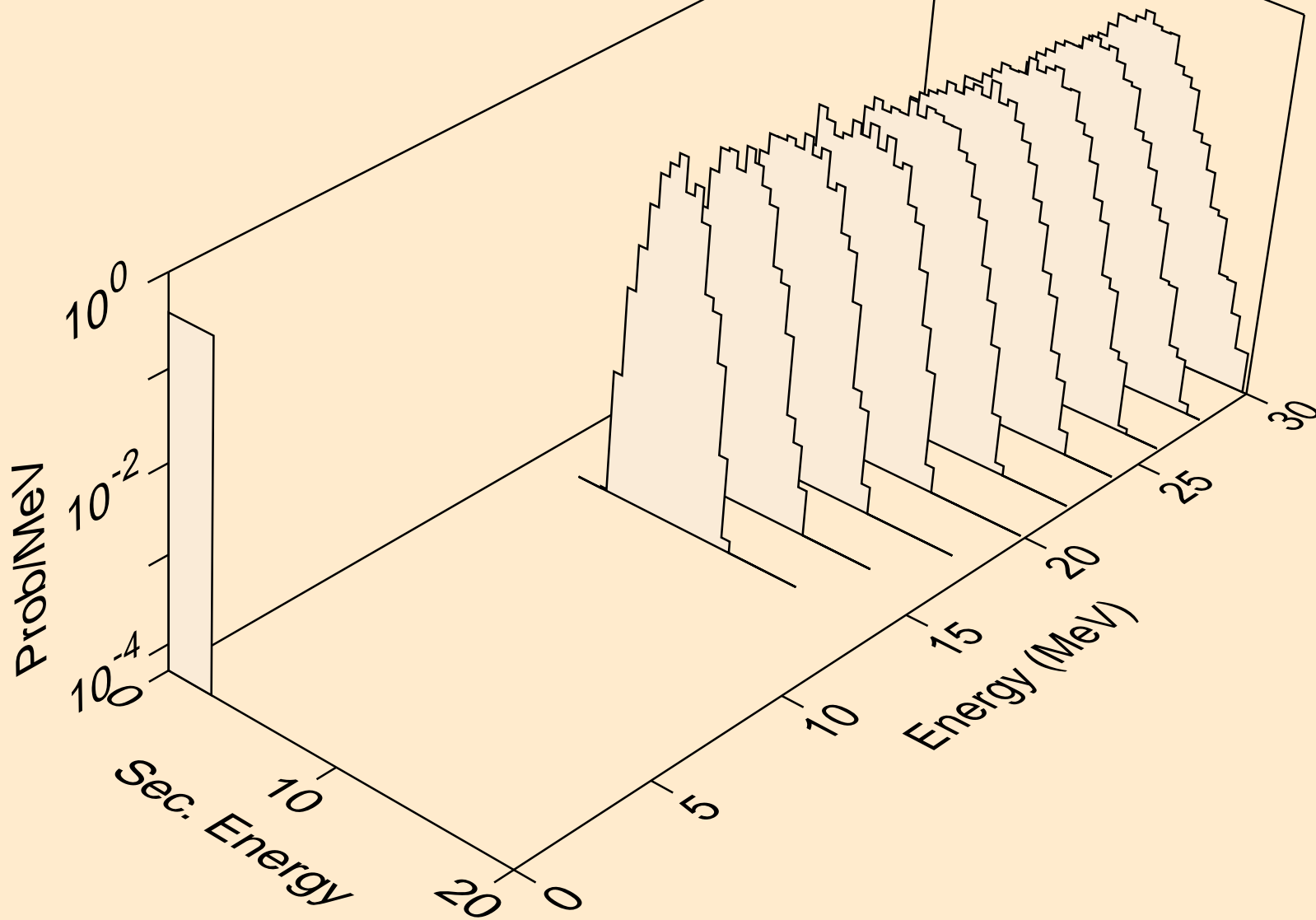
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



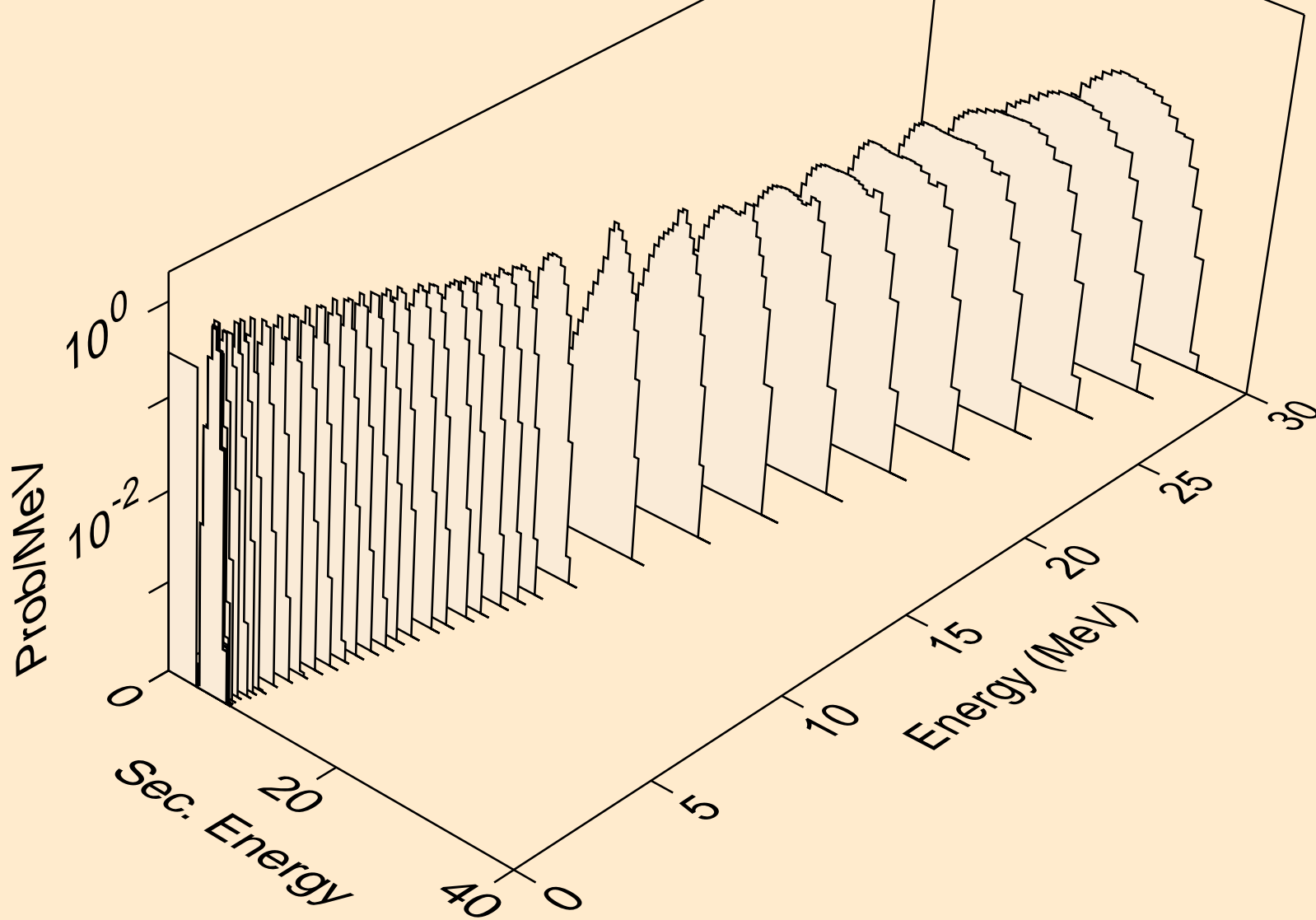
I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



I118 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

