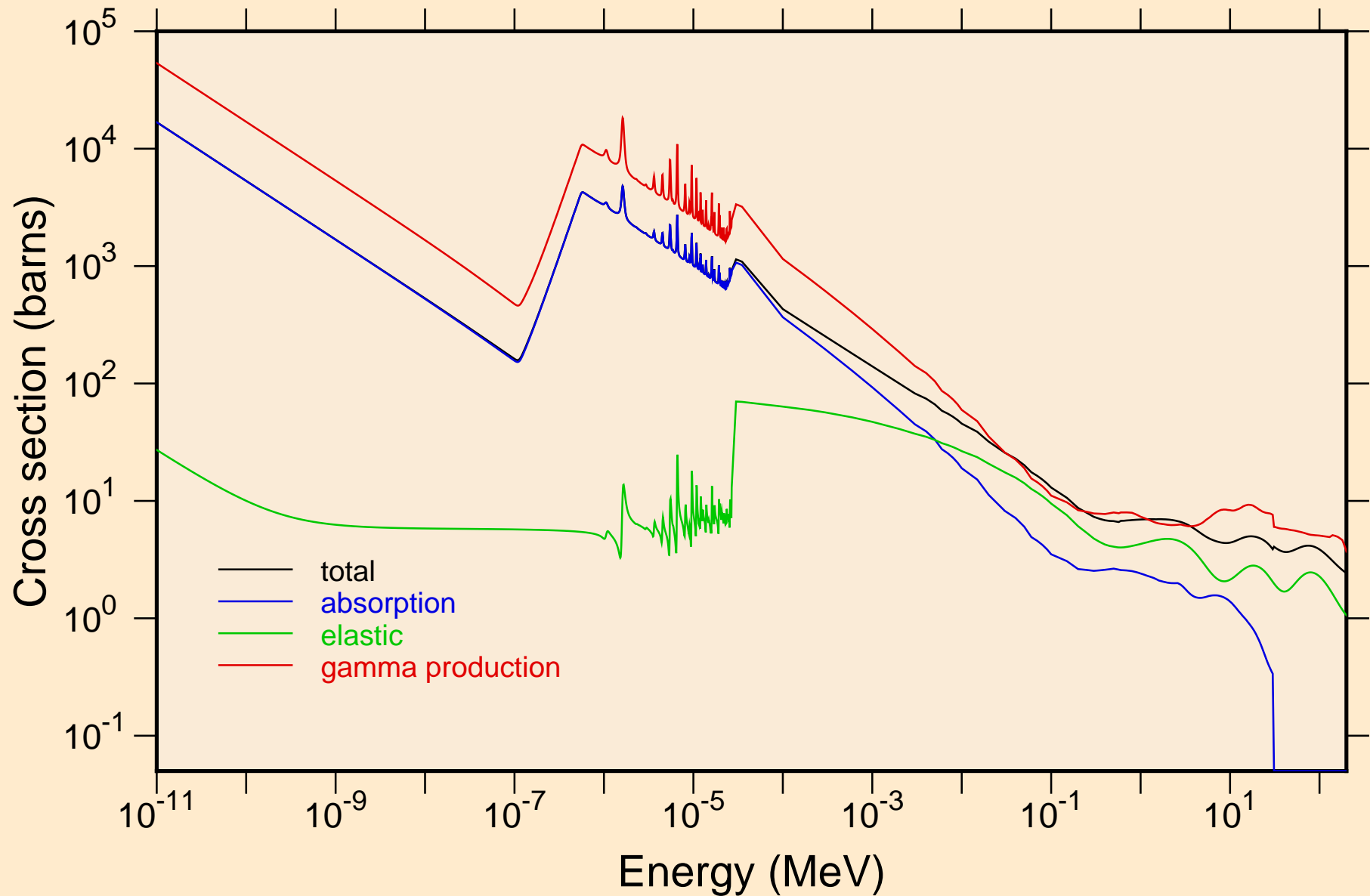
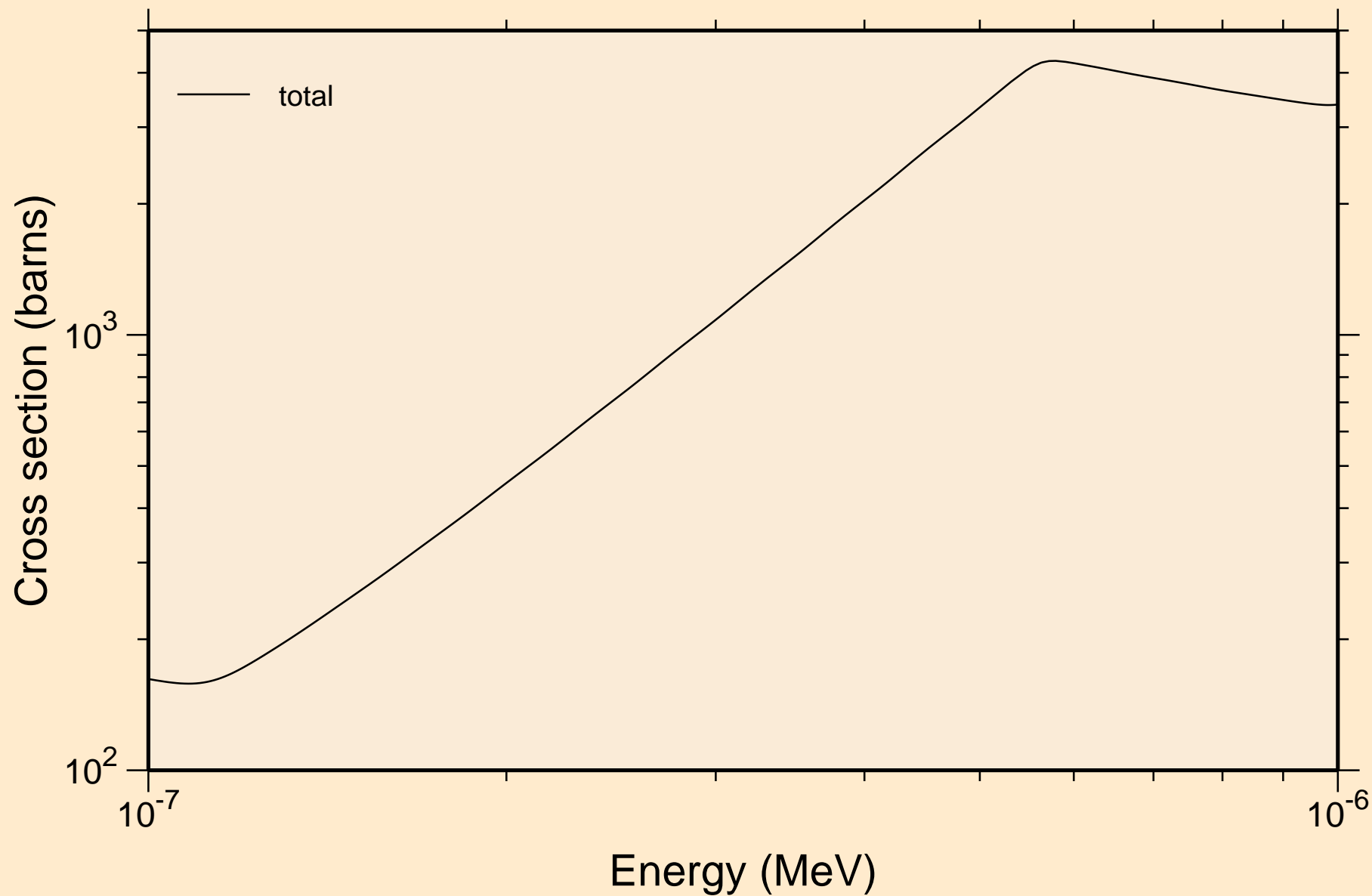


YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

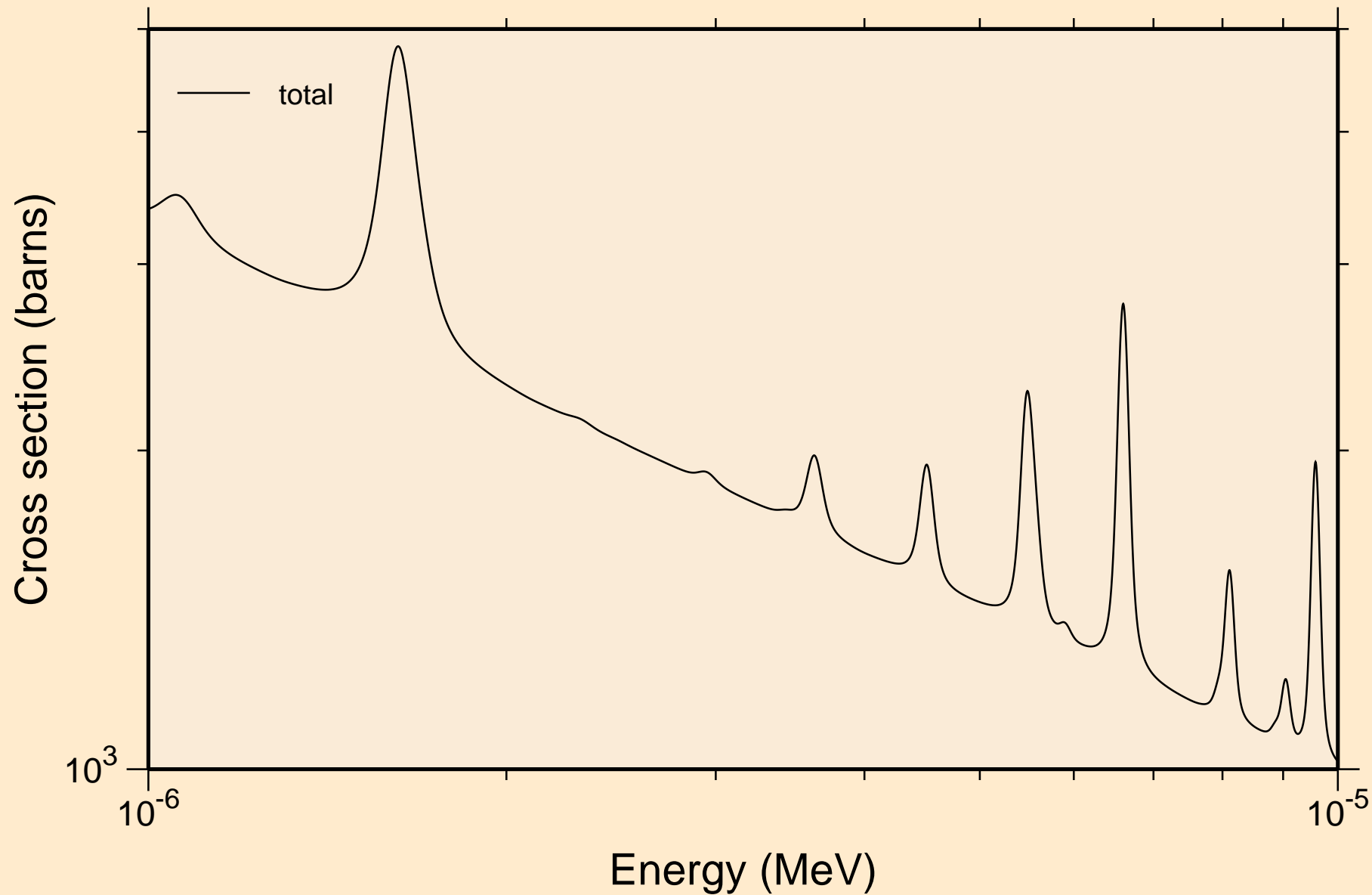
Principal cross sections



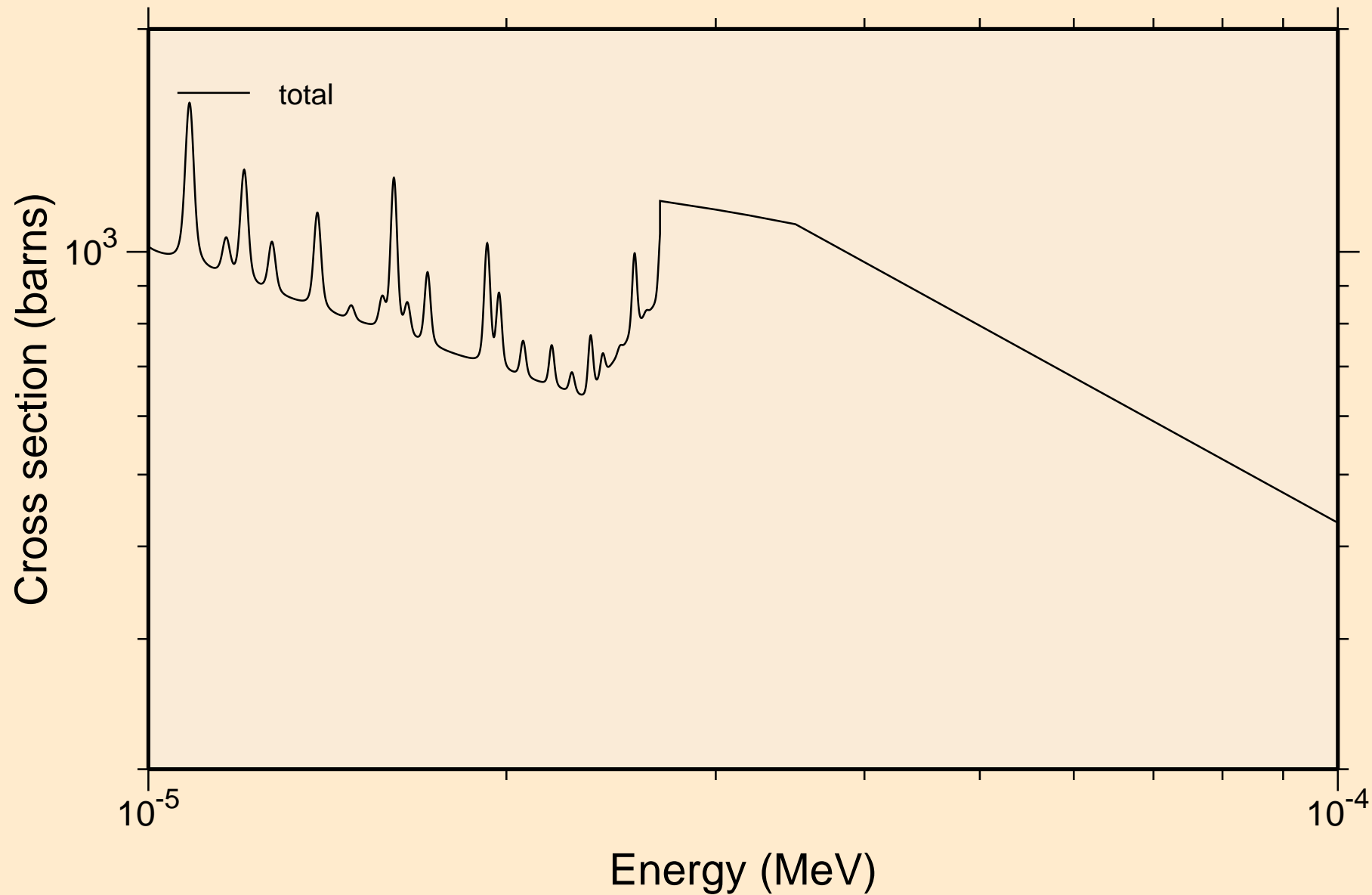
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



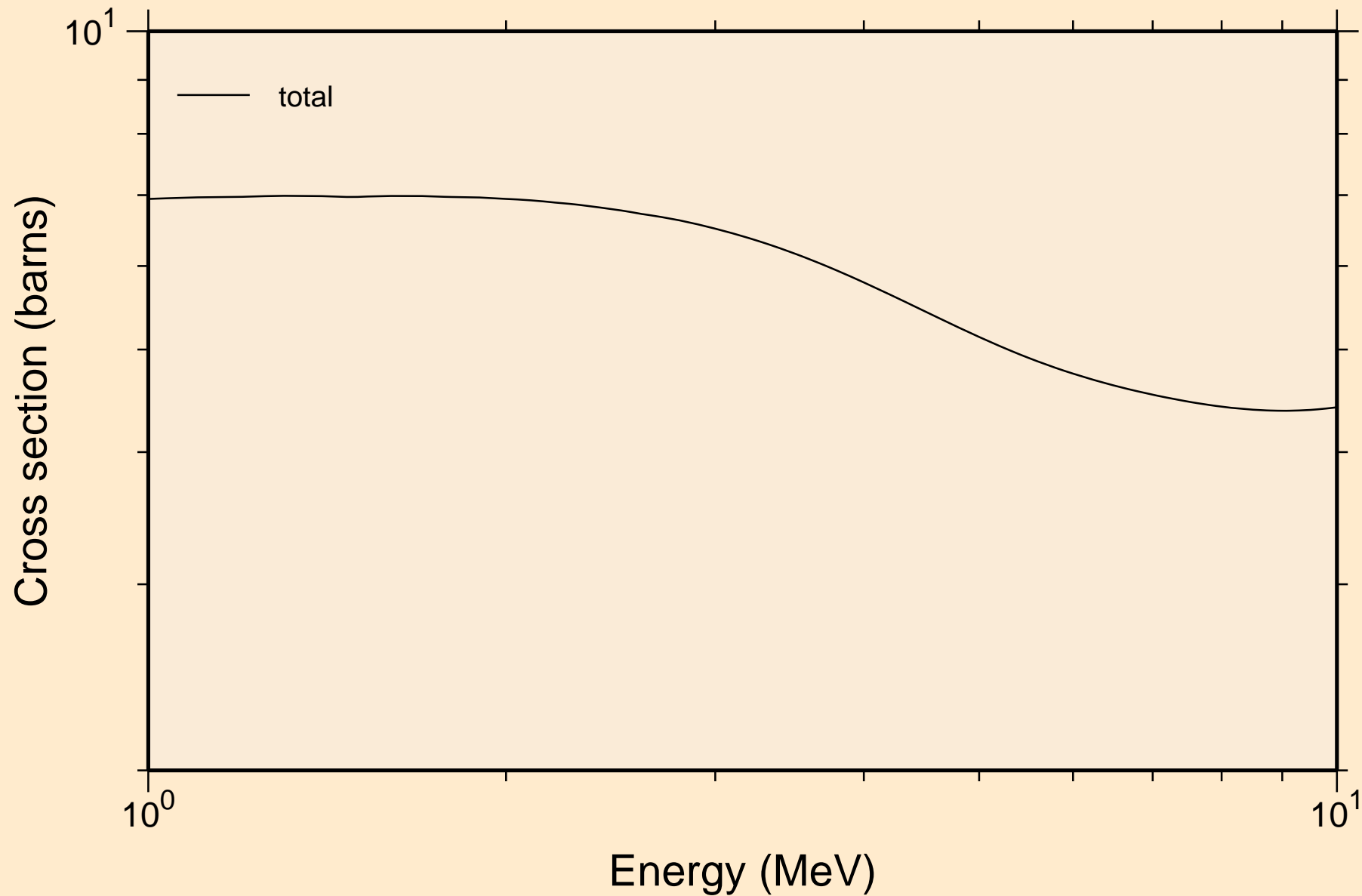
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



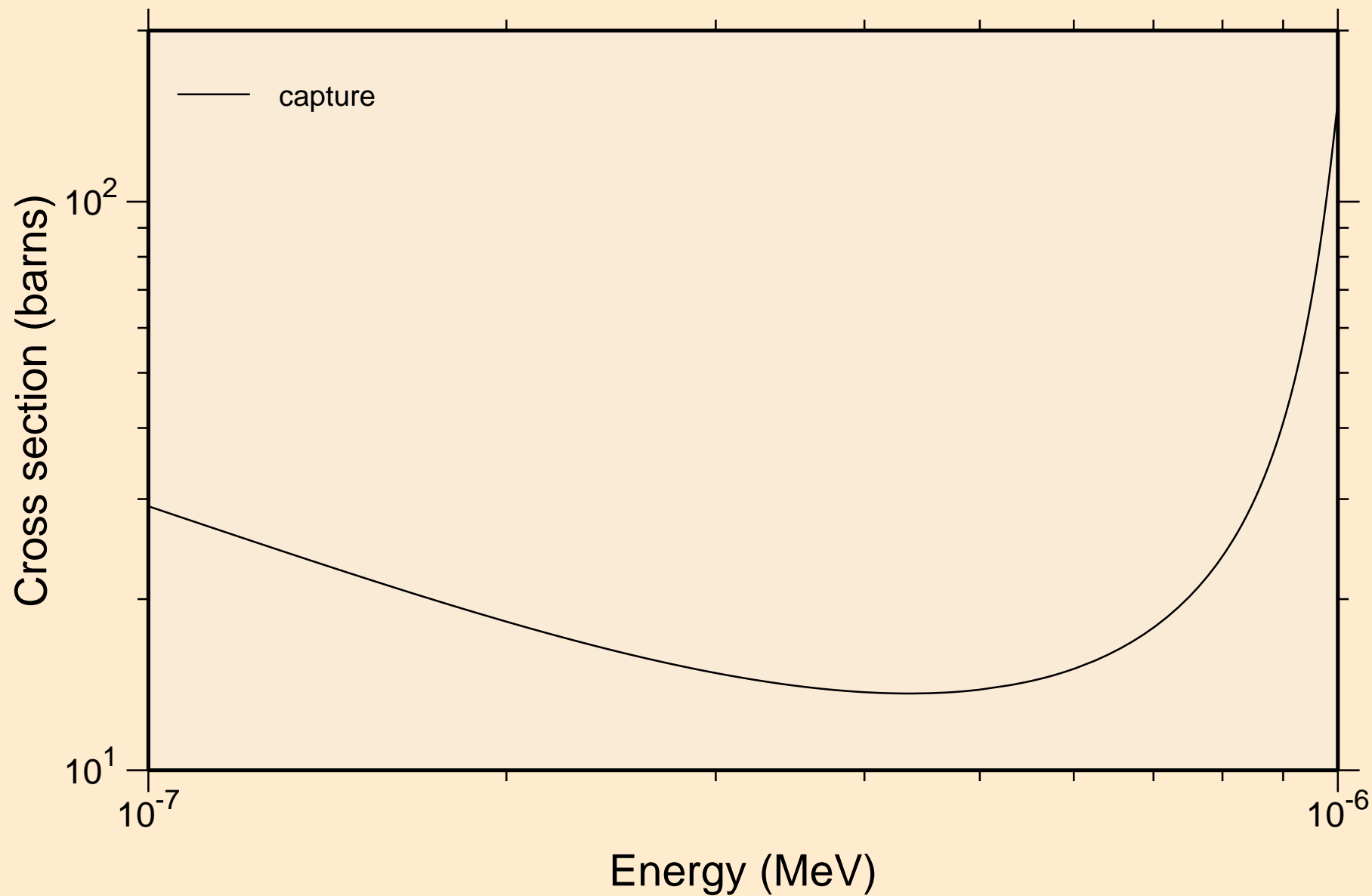
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



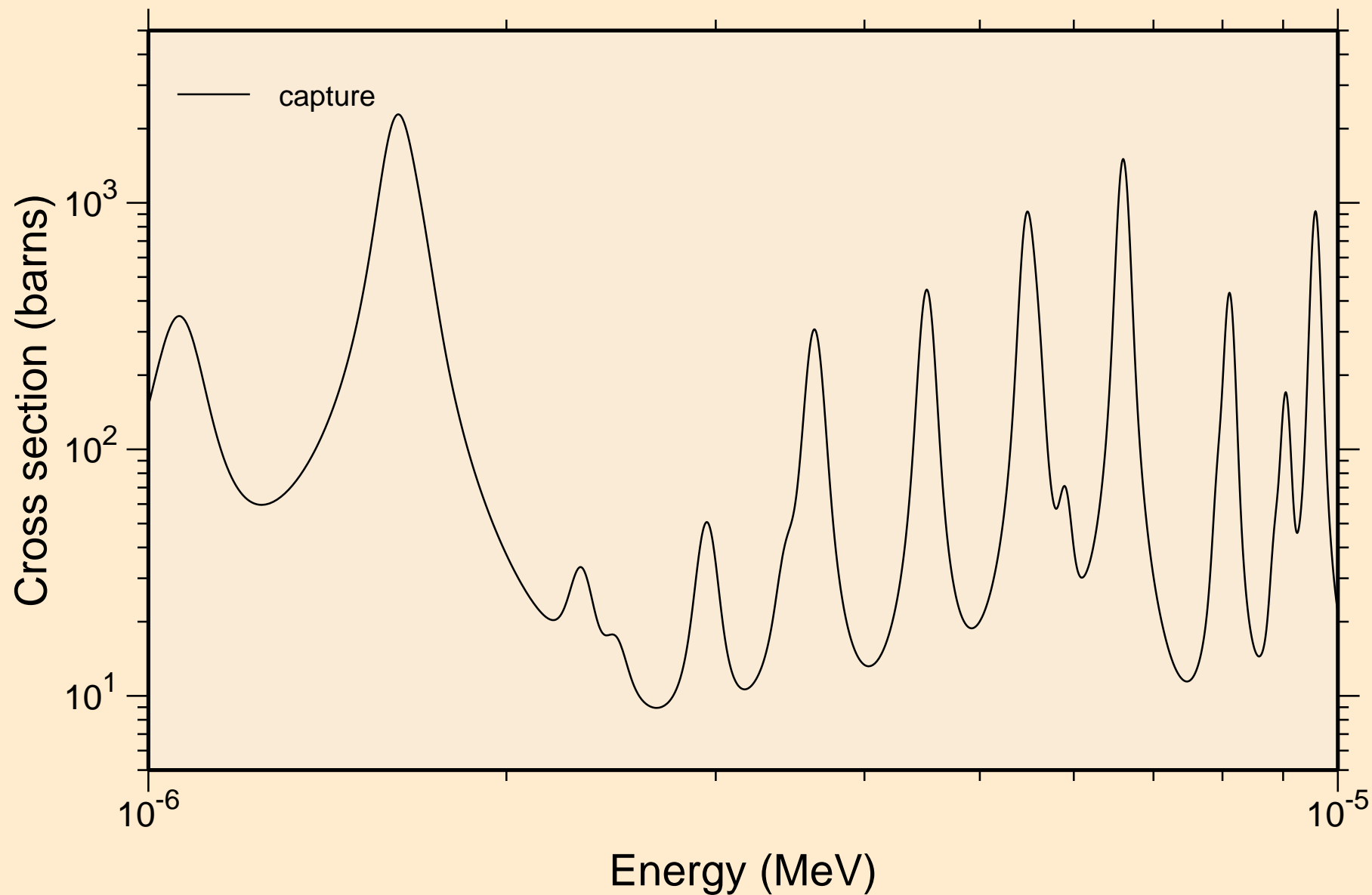
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



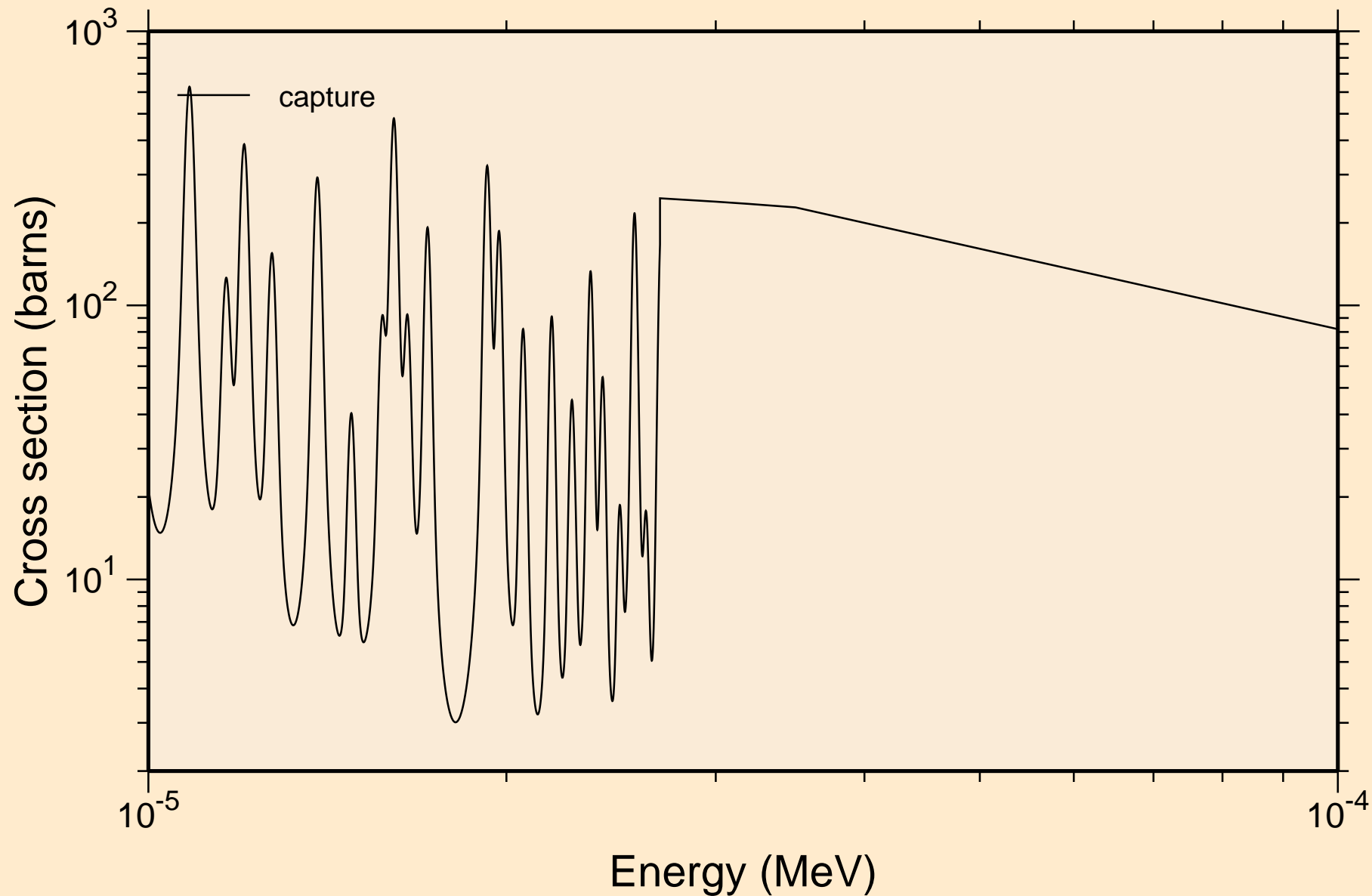
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resonance absorption cross sections



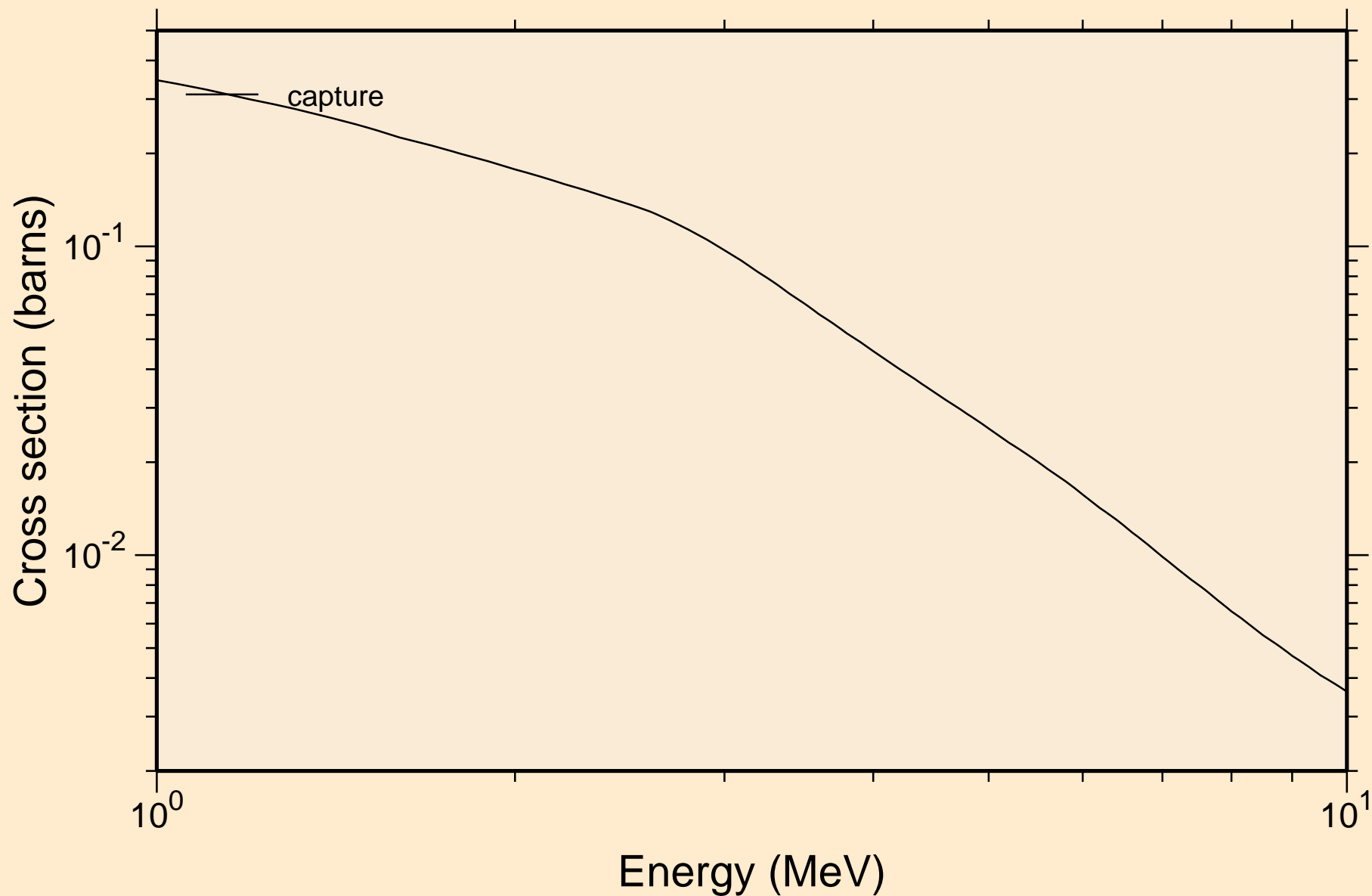
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



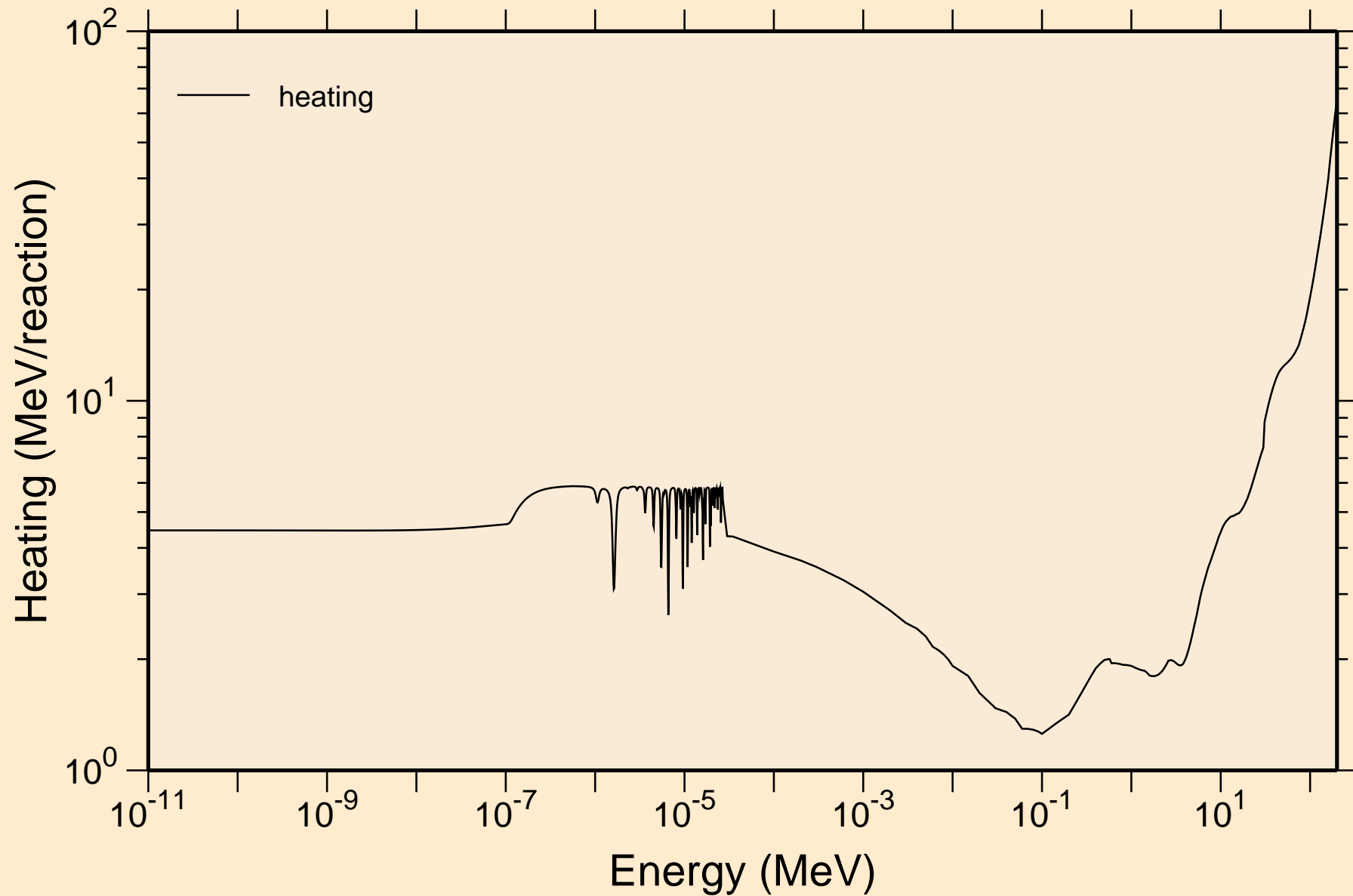
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



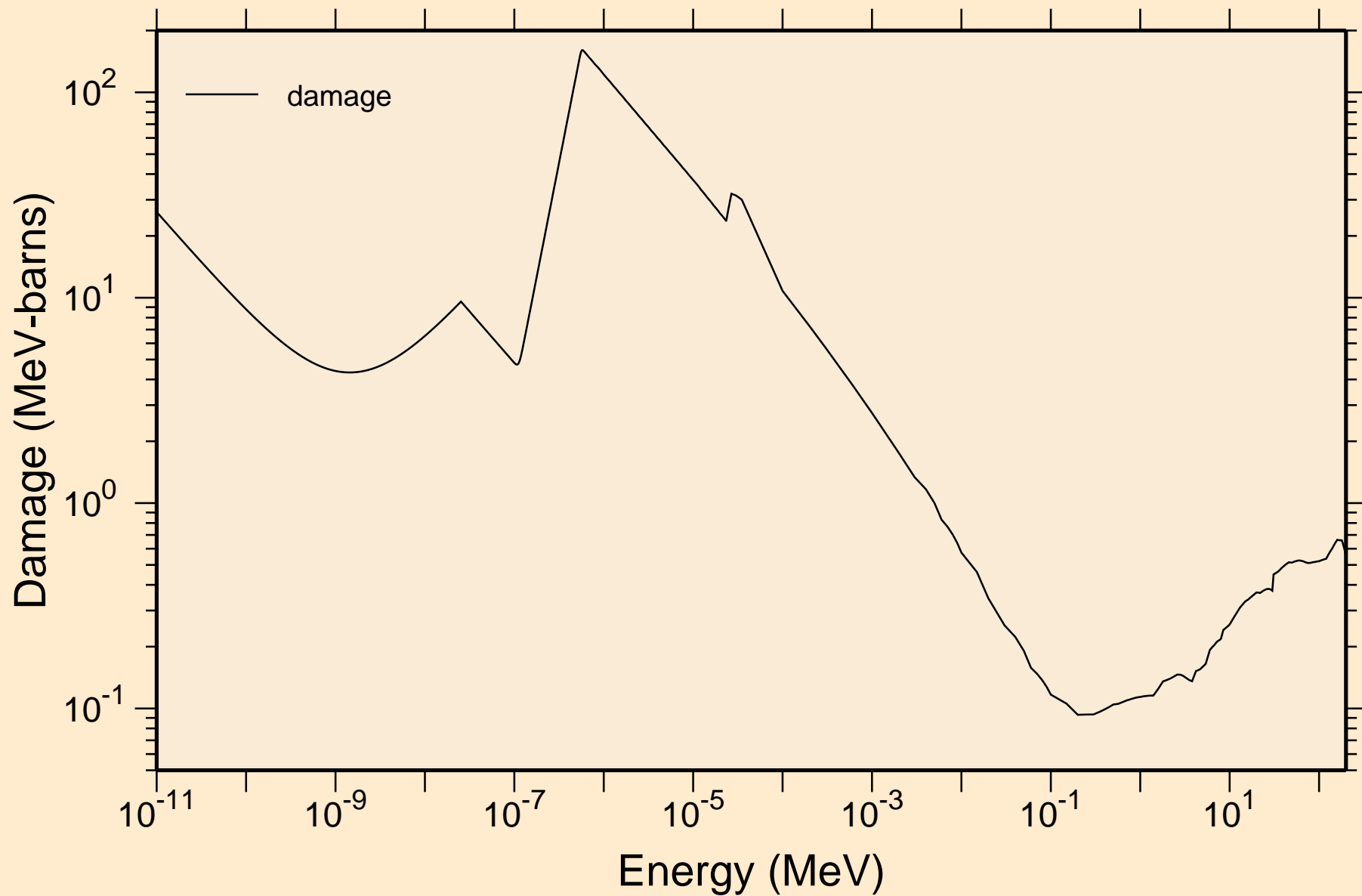
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resonance absorption cross sections



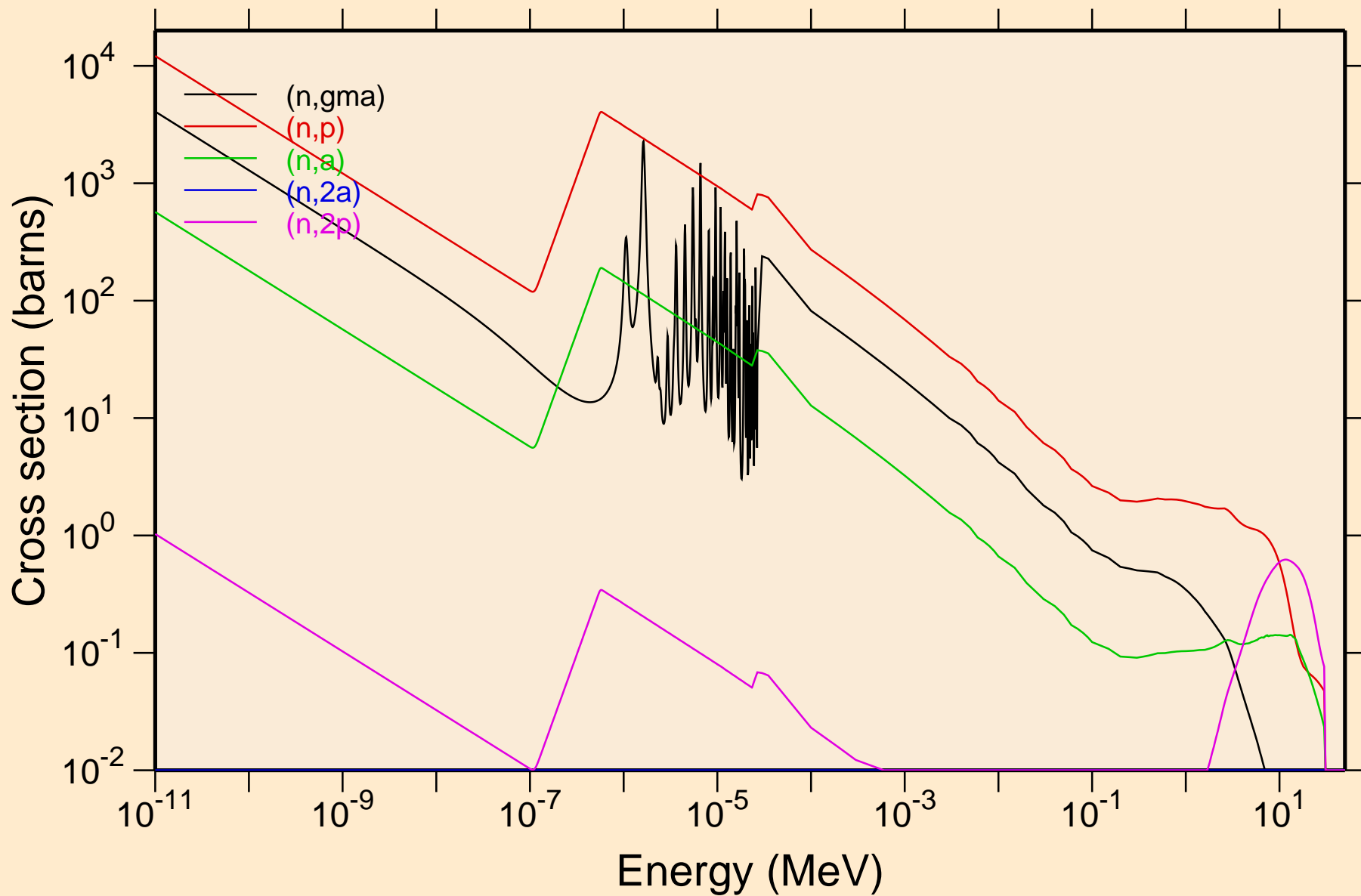
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



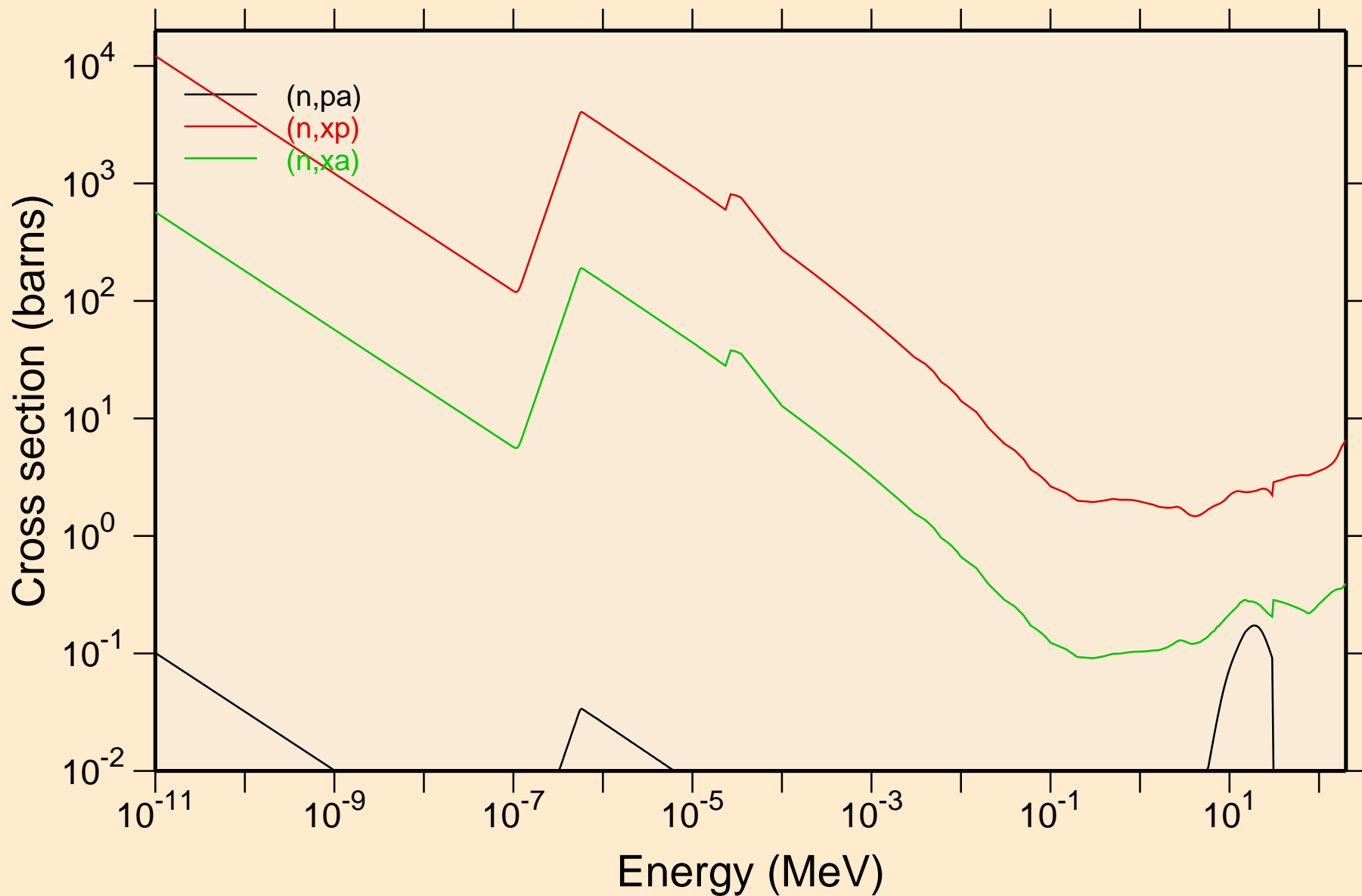
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



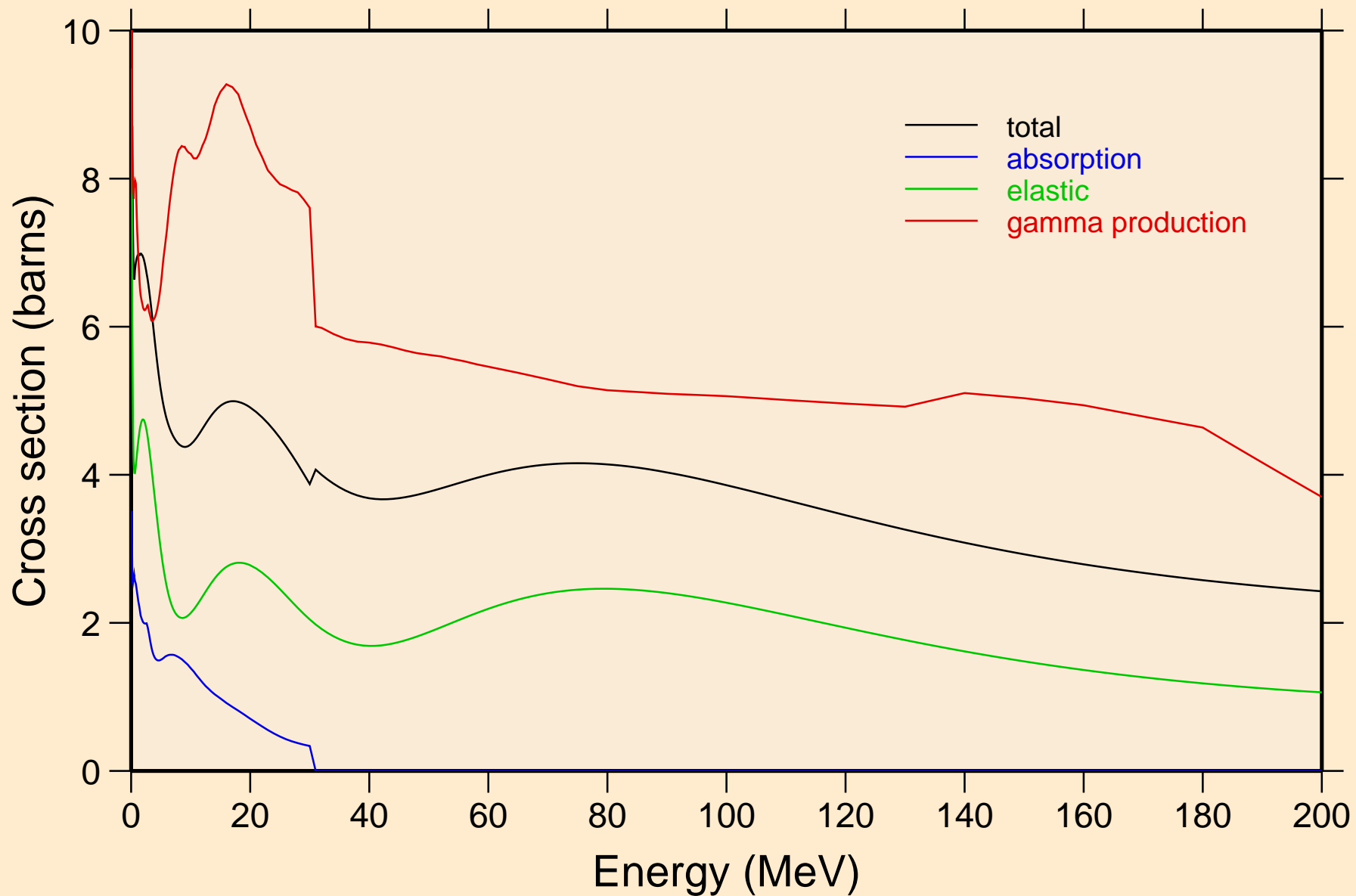
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



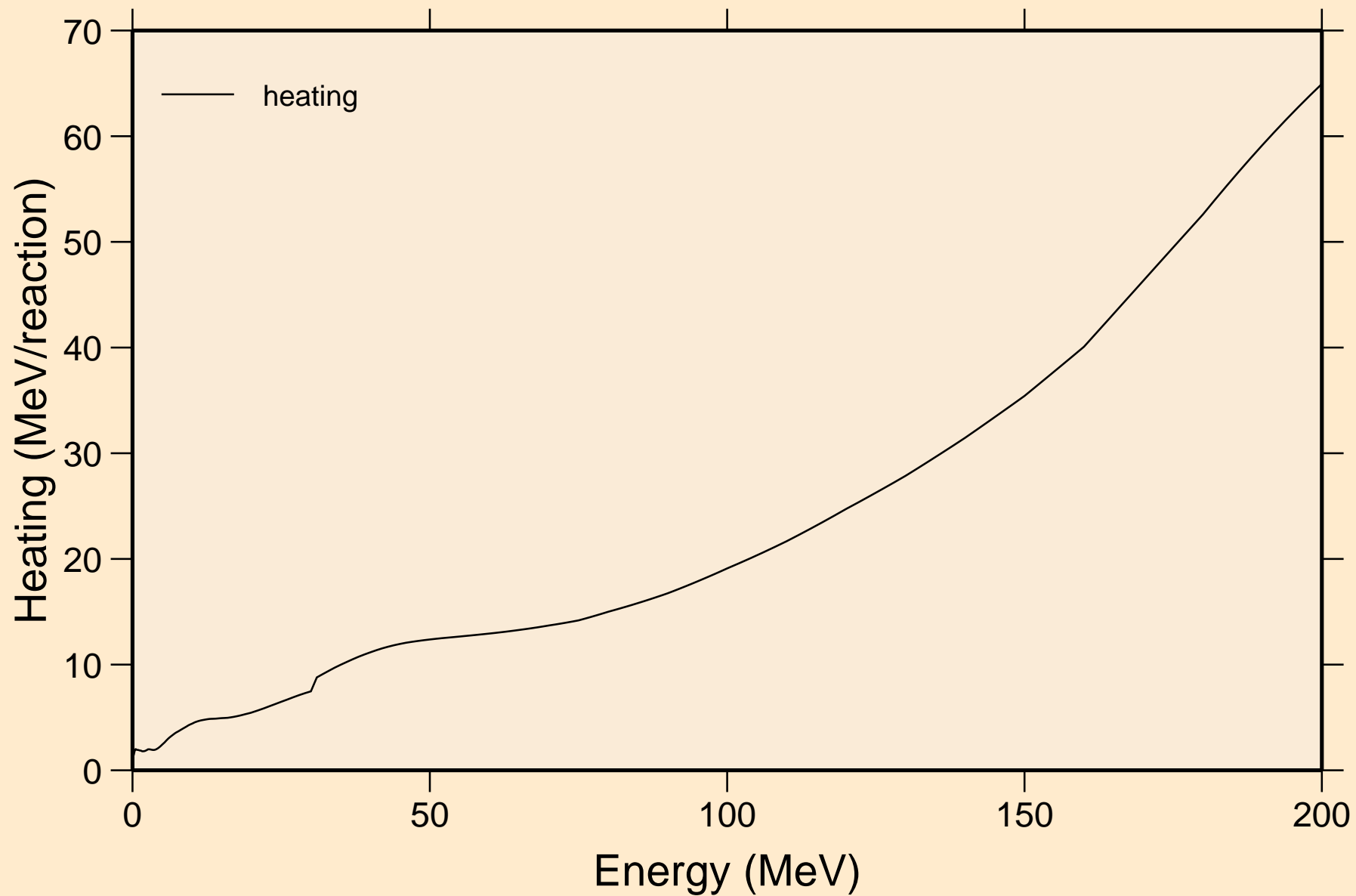
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



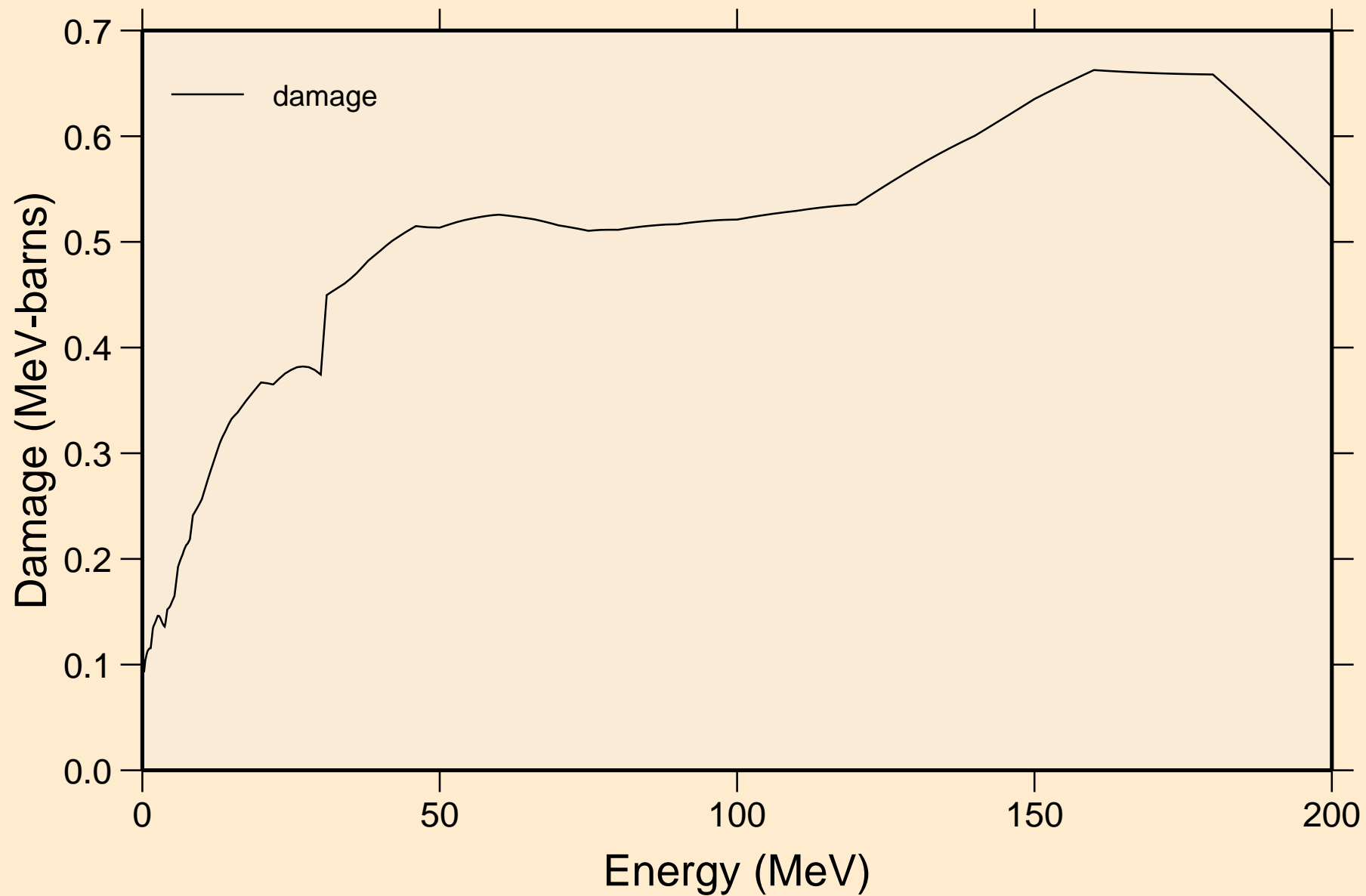
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



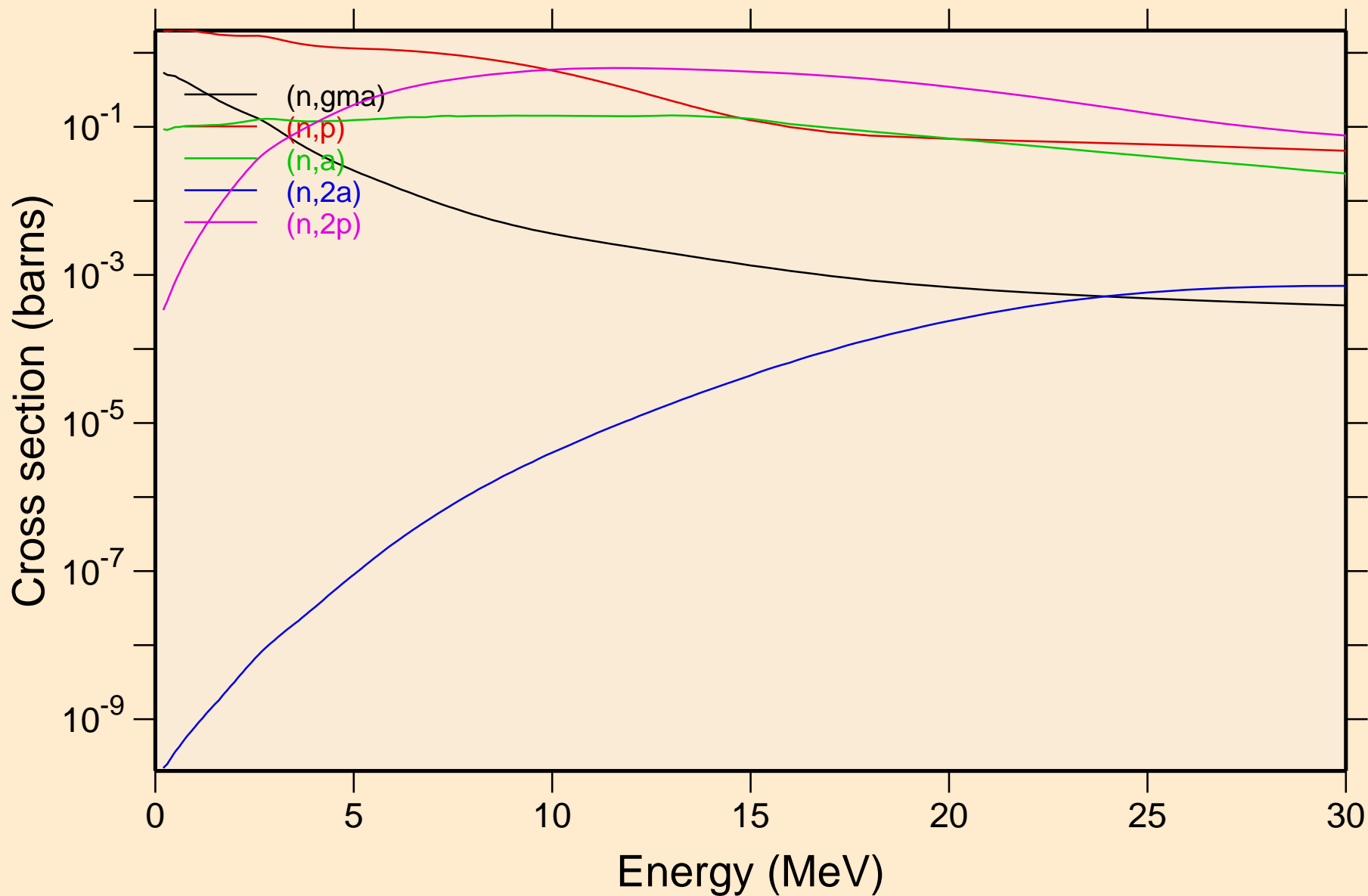
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



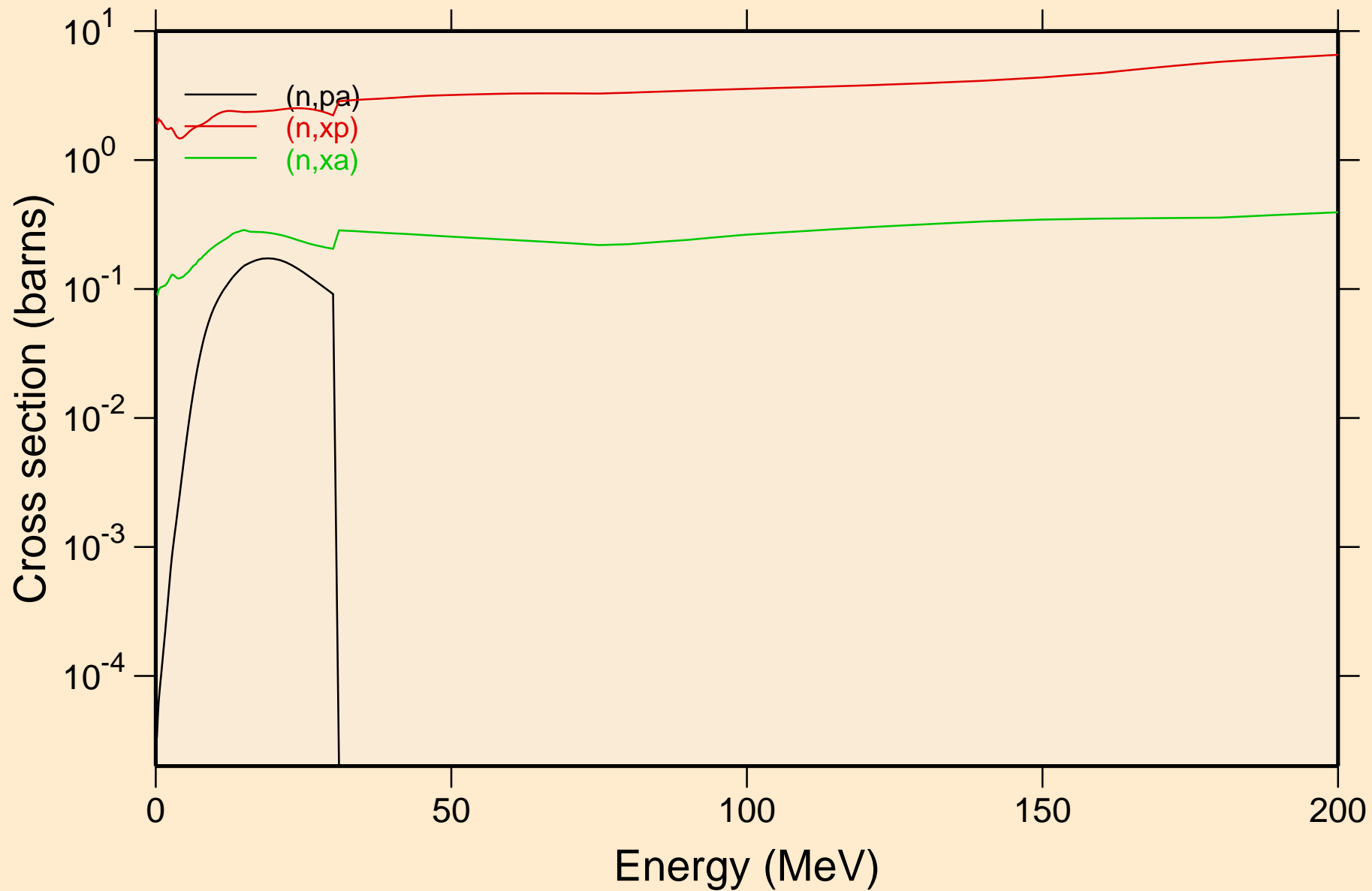
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Damage



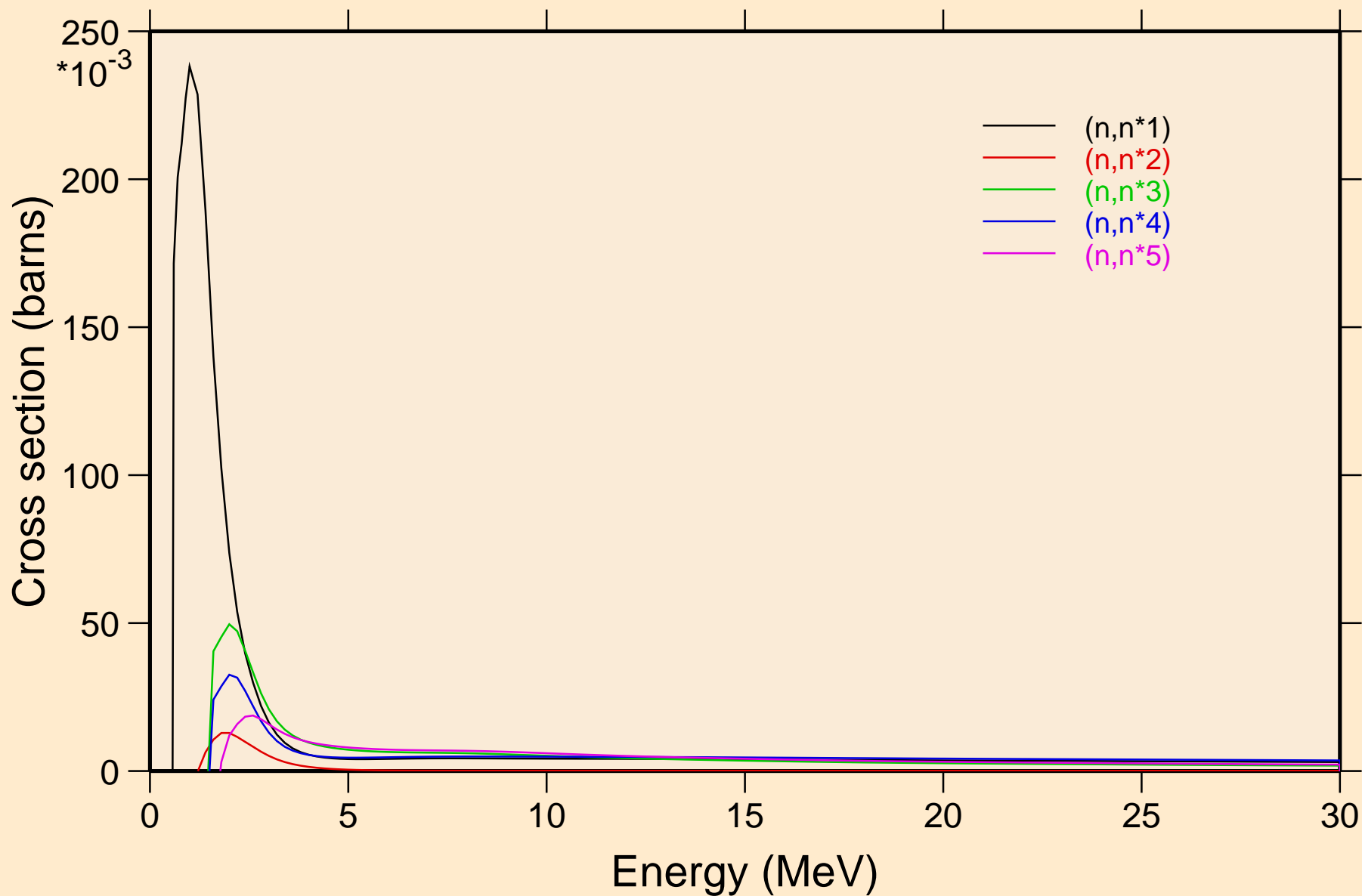
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Non-threshold reactions



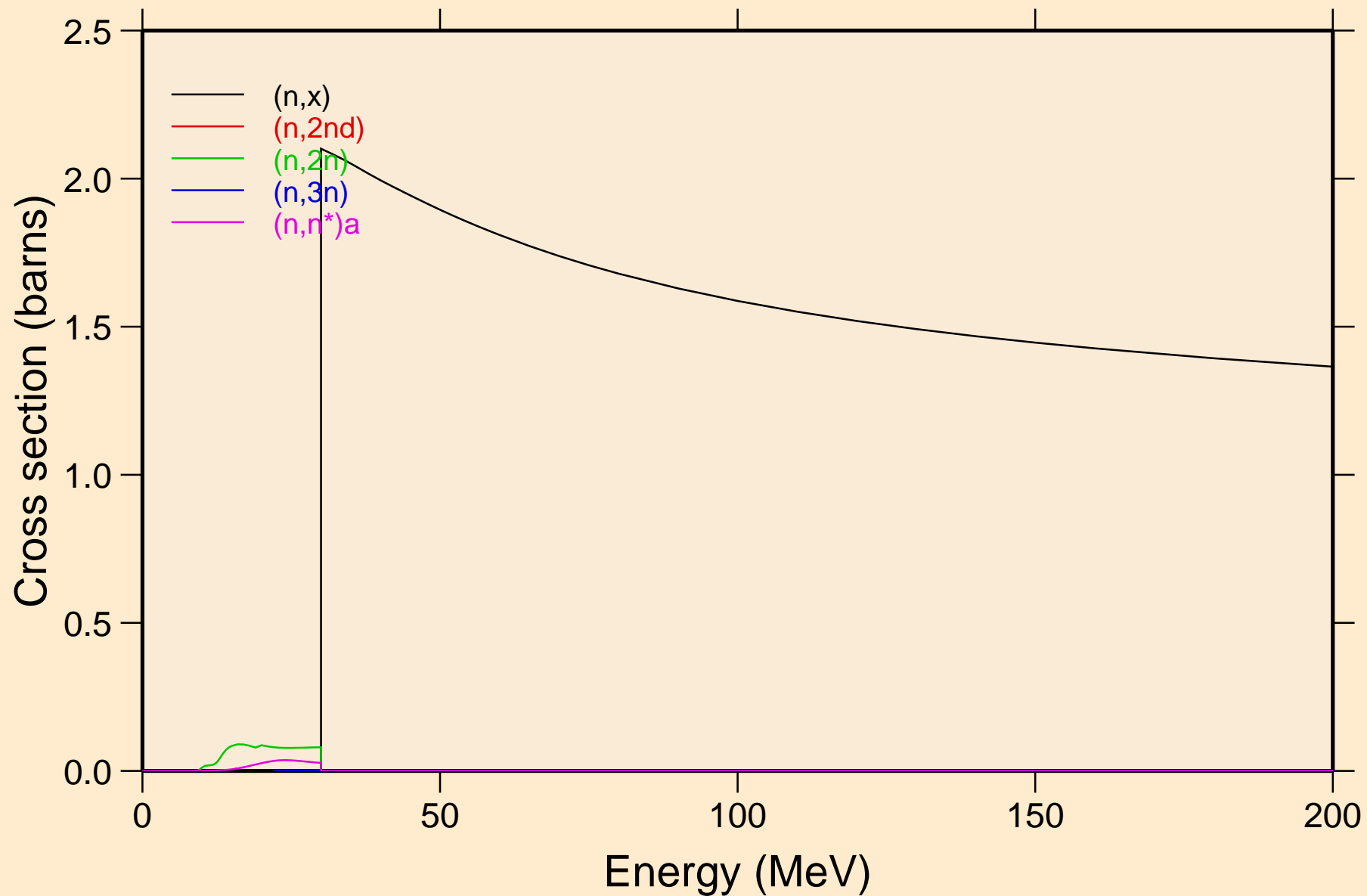
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



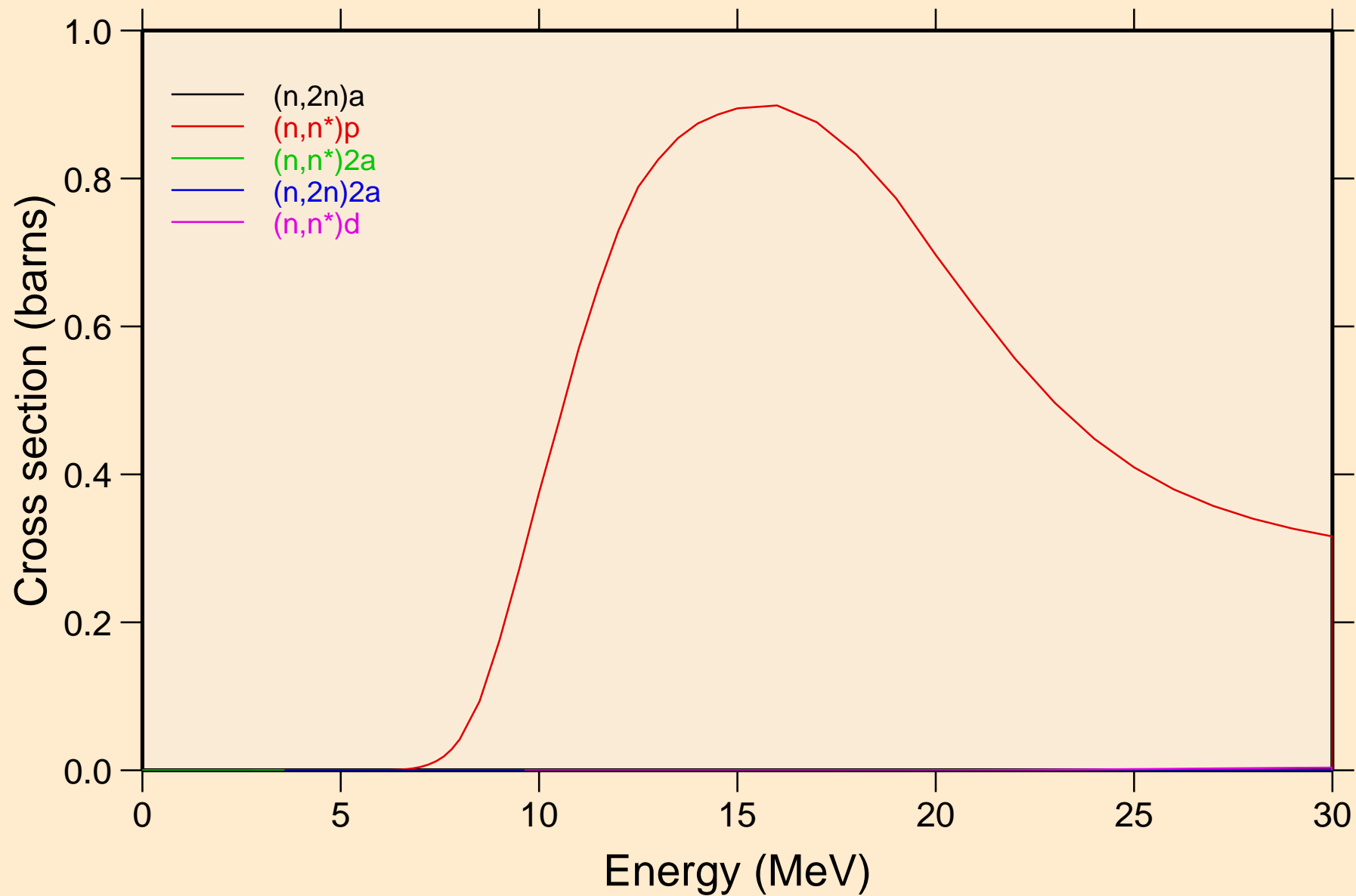
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



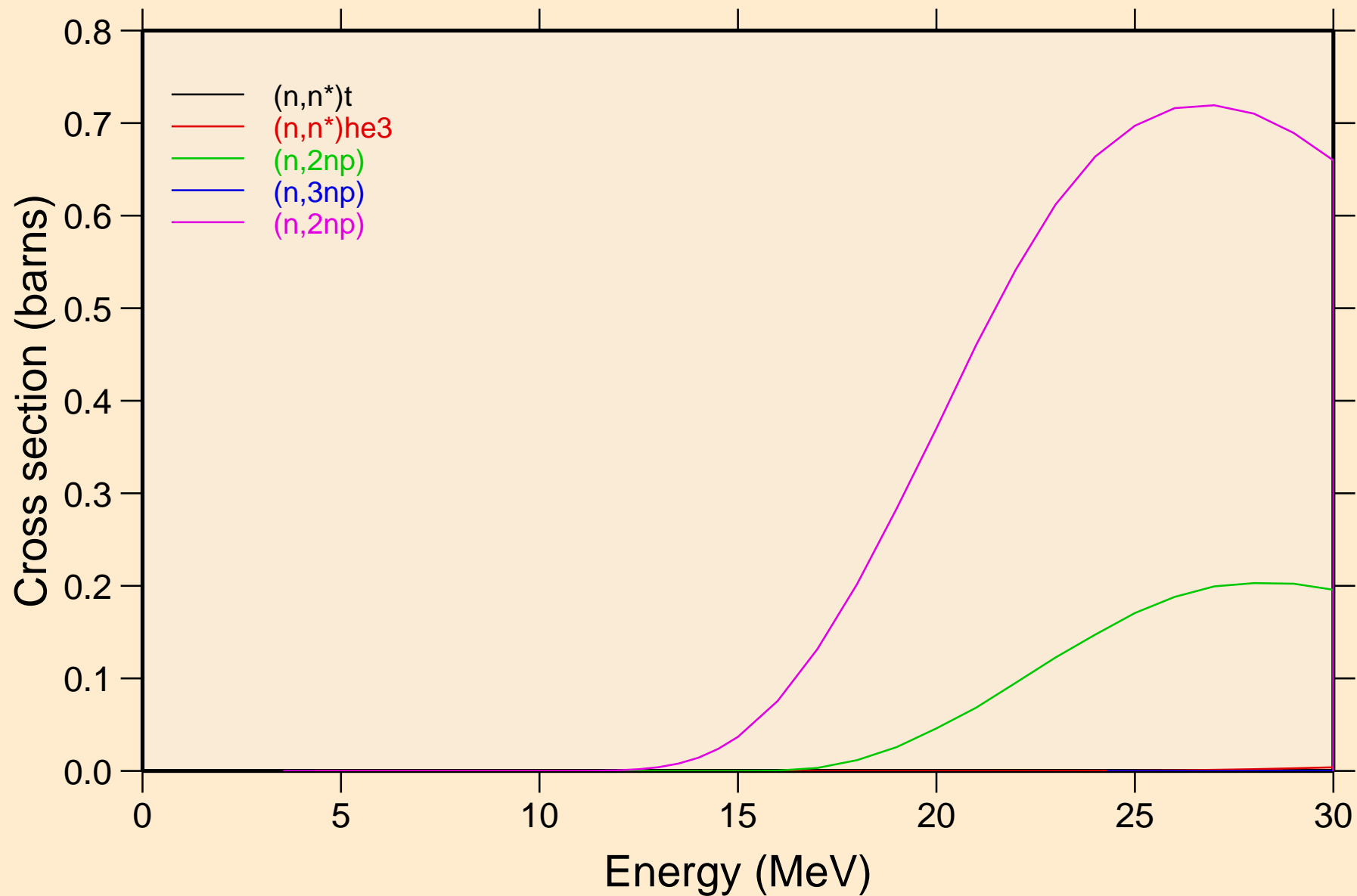
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



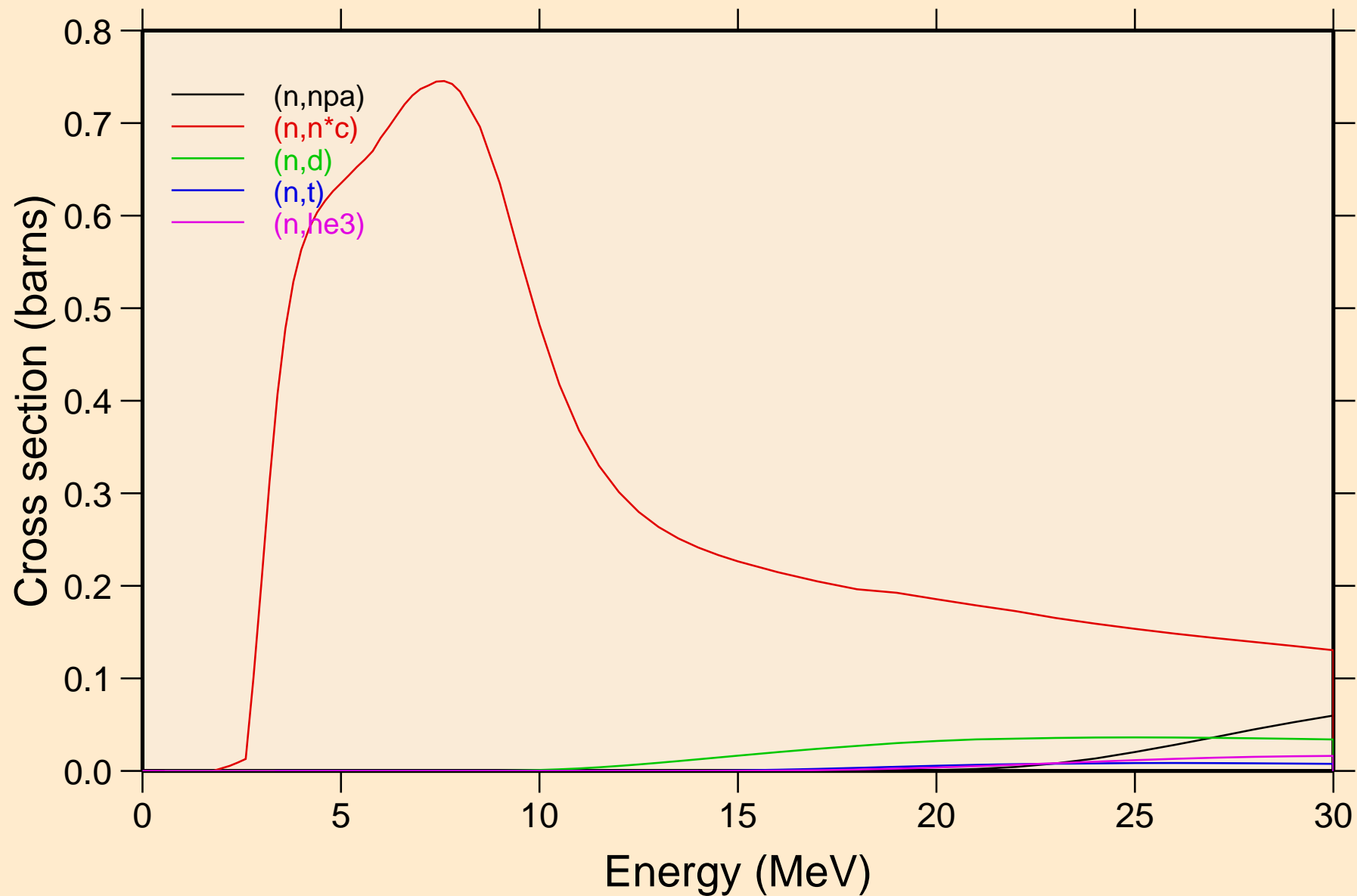
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



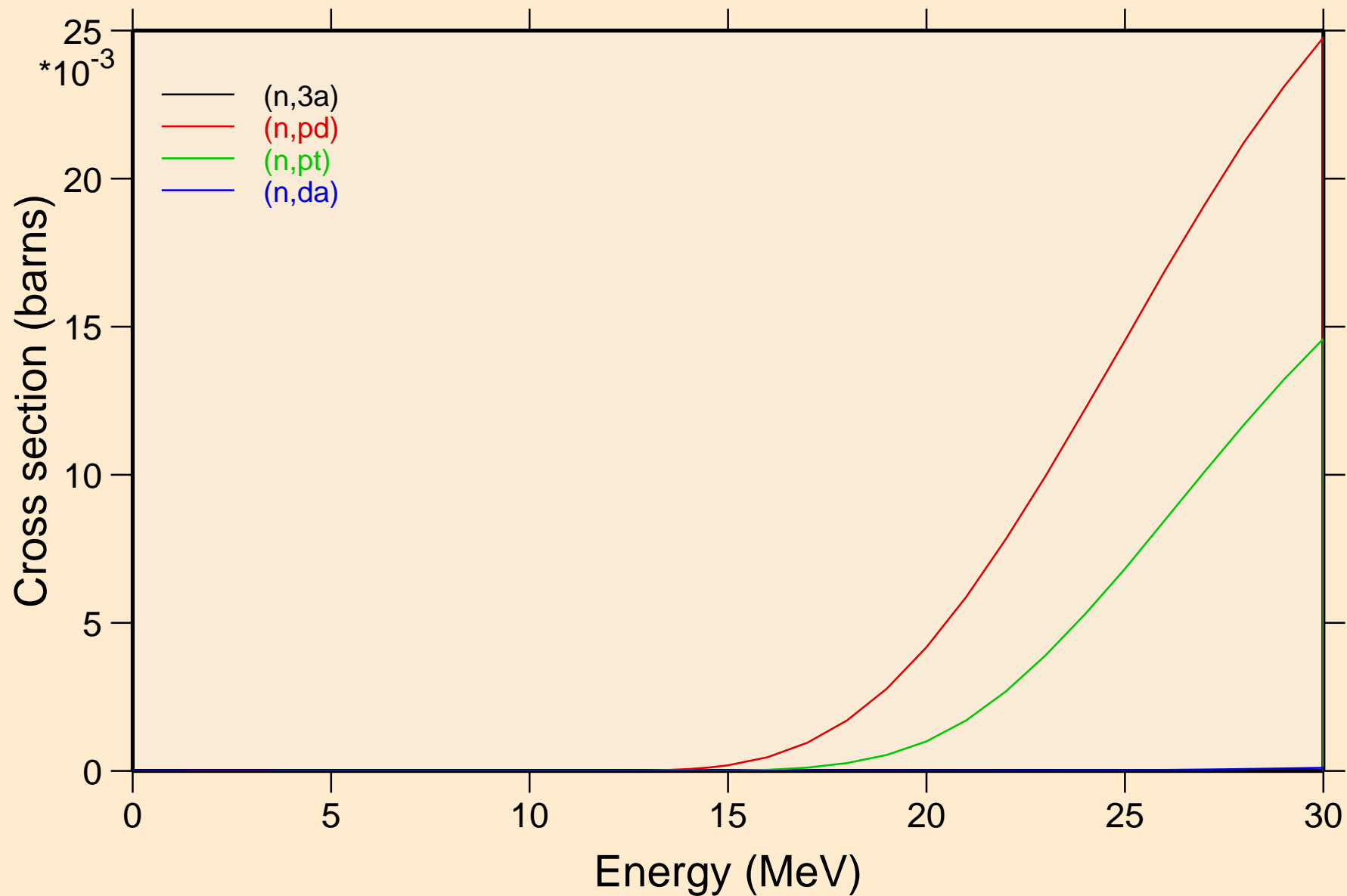
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



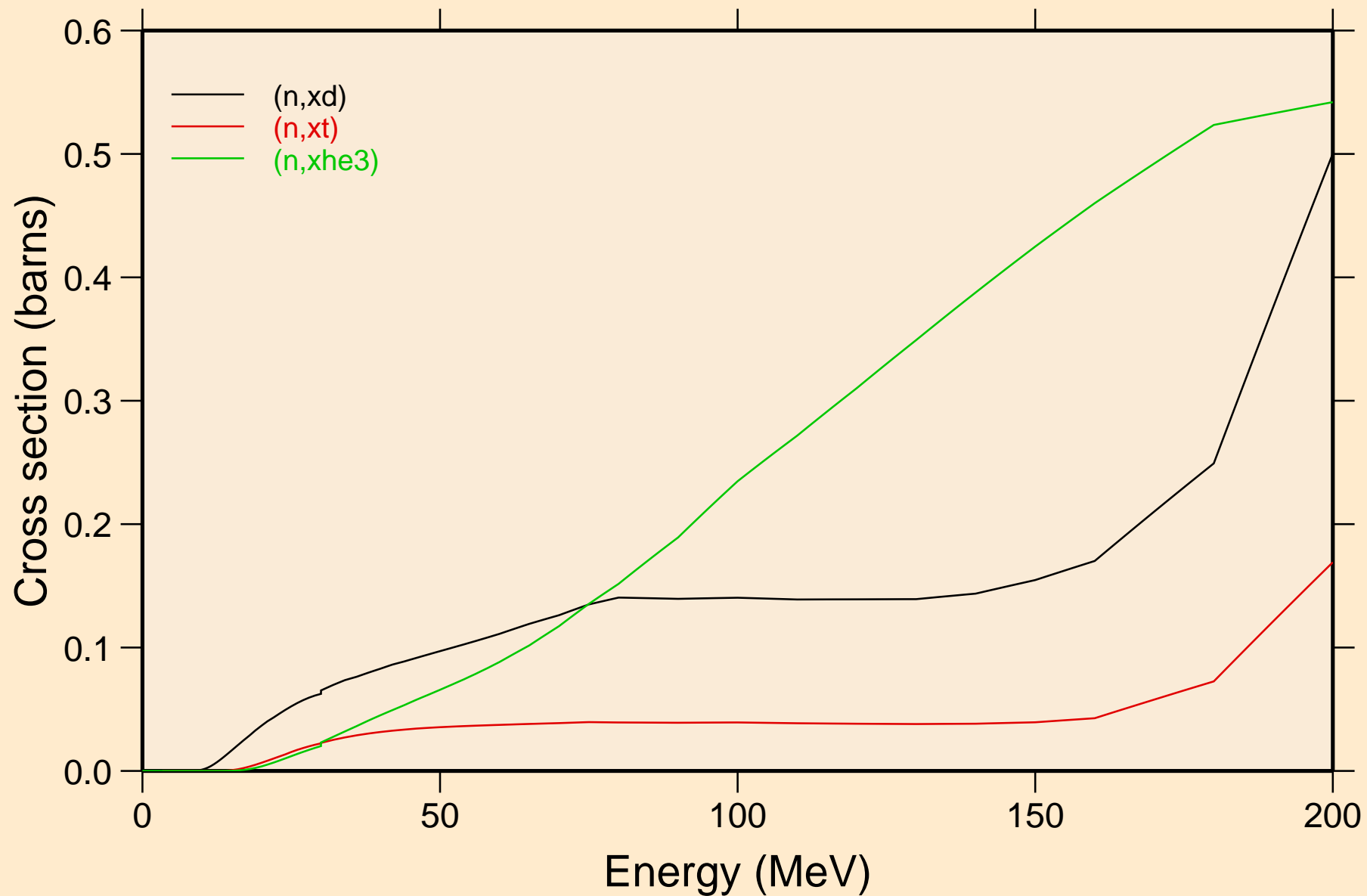
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



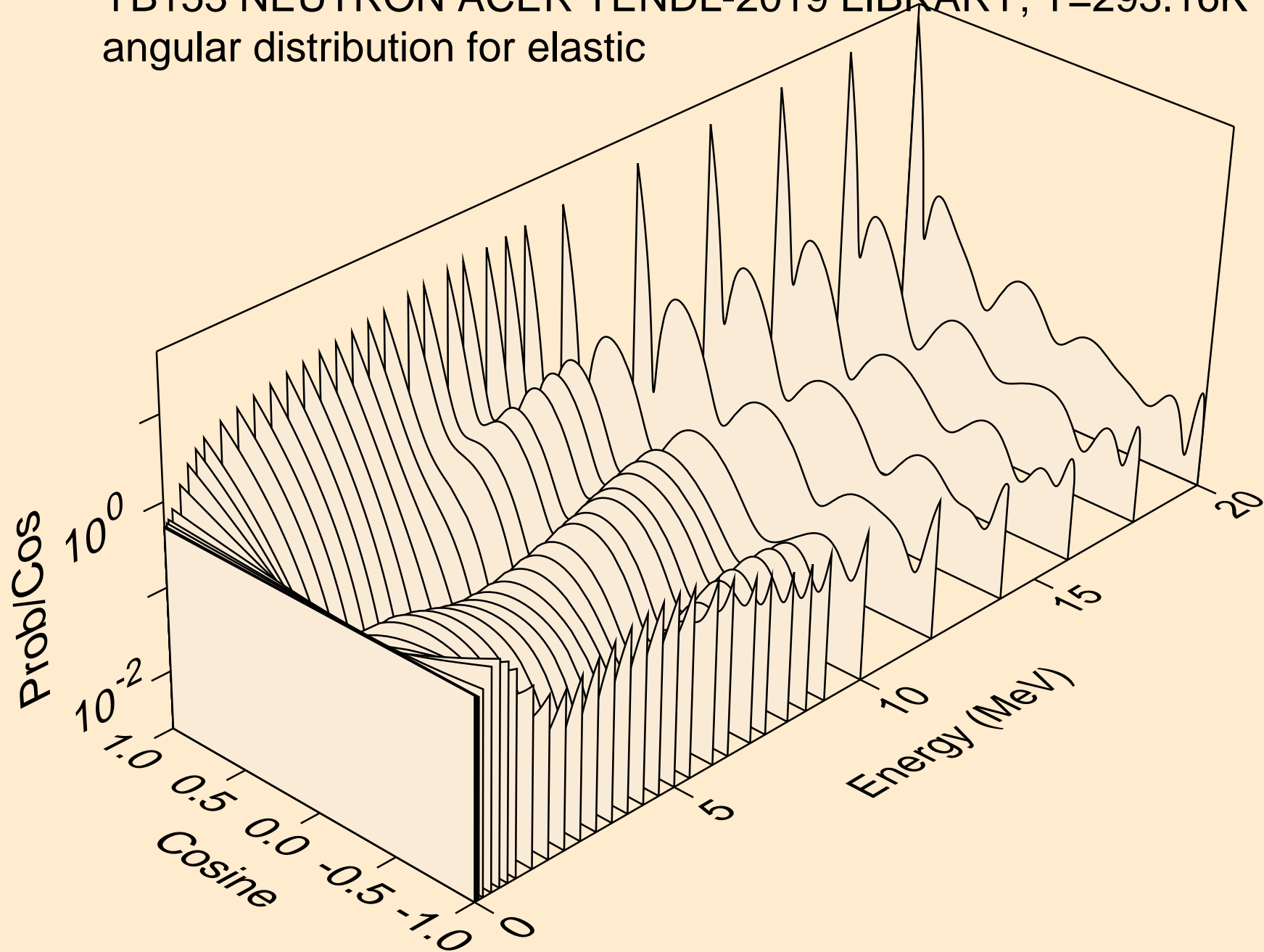
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



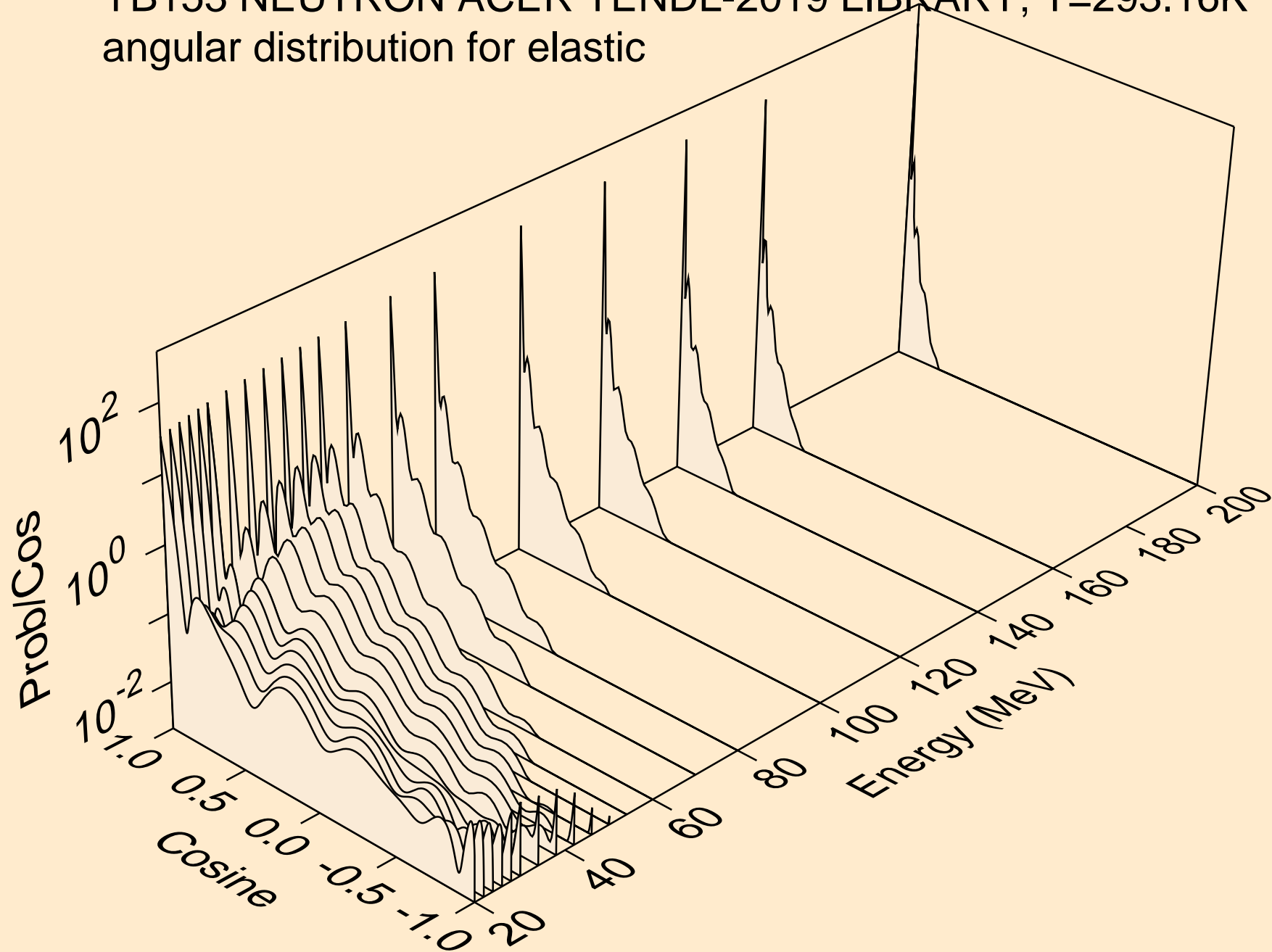
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



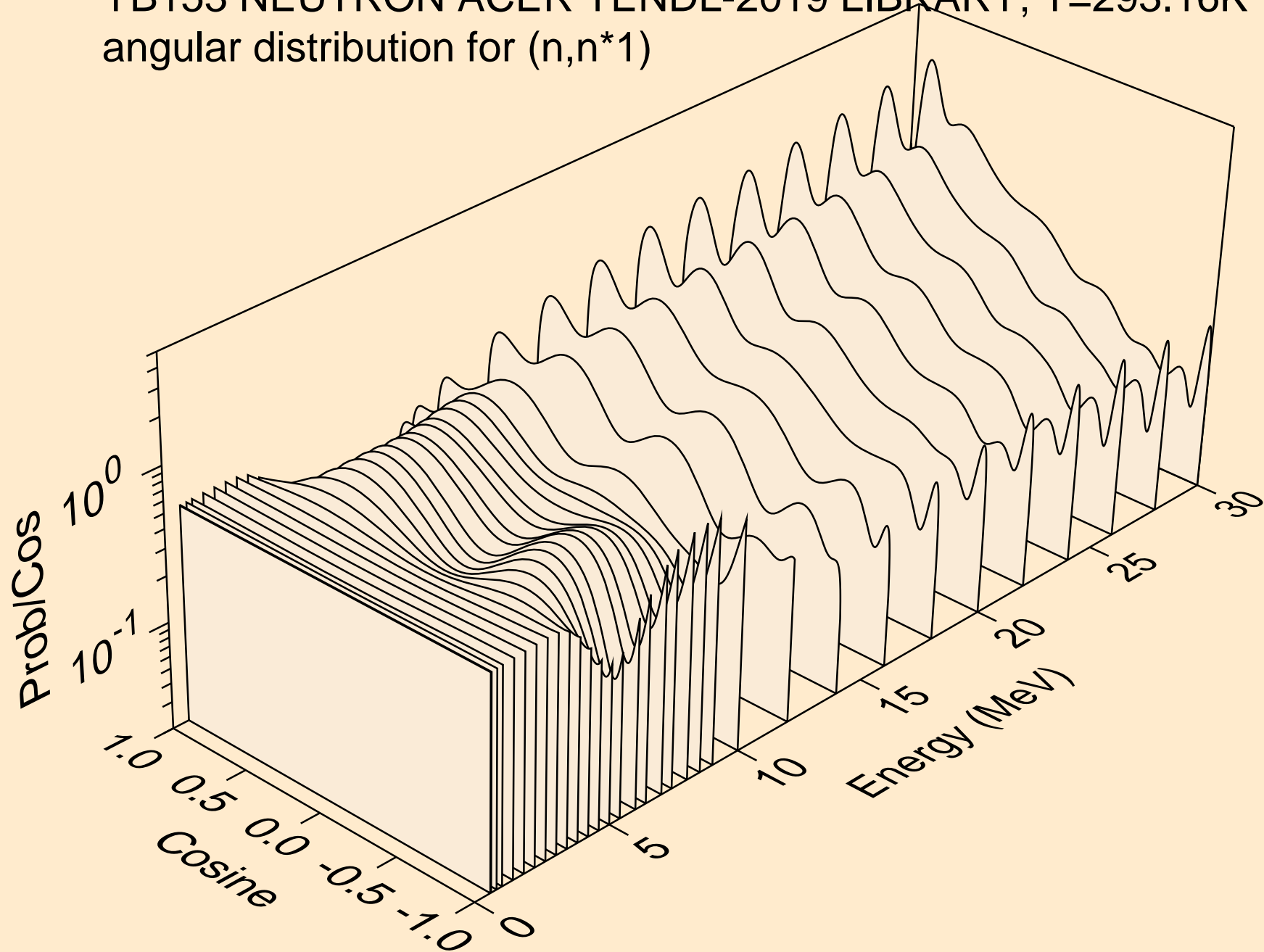
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



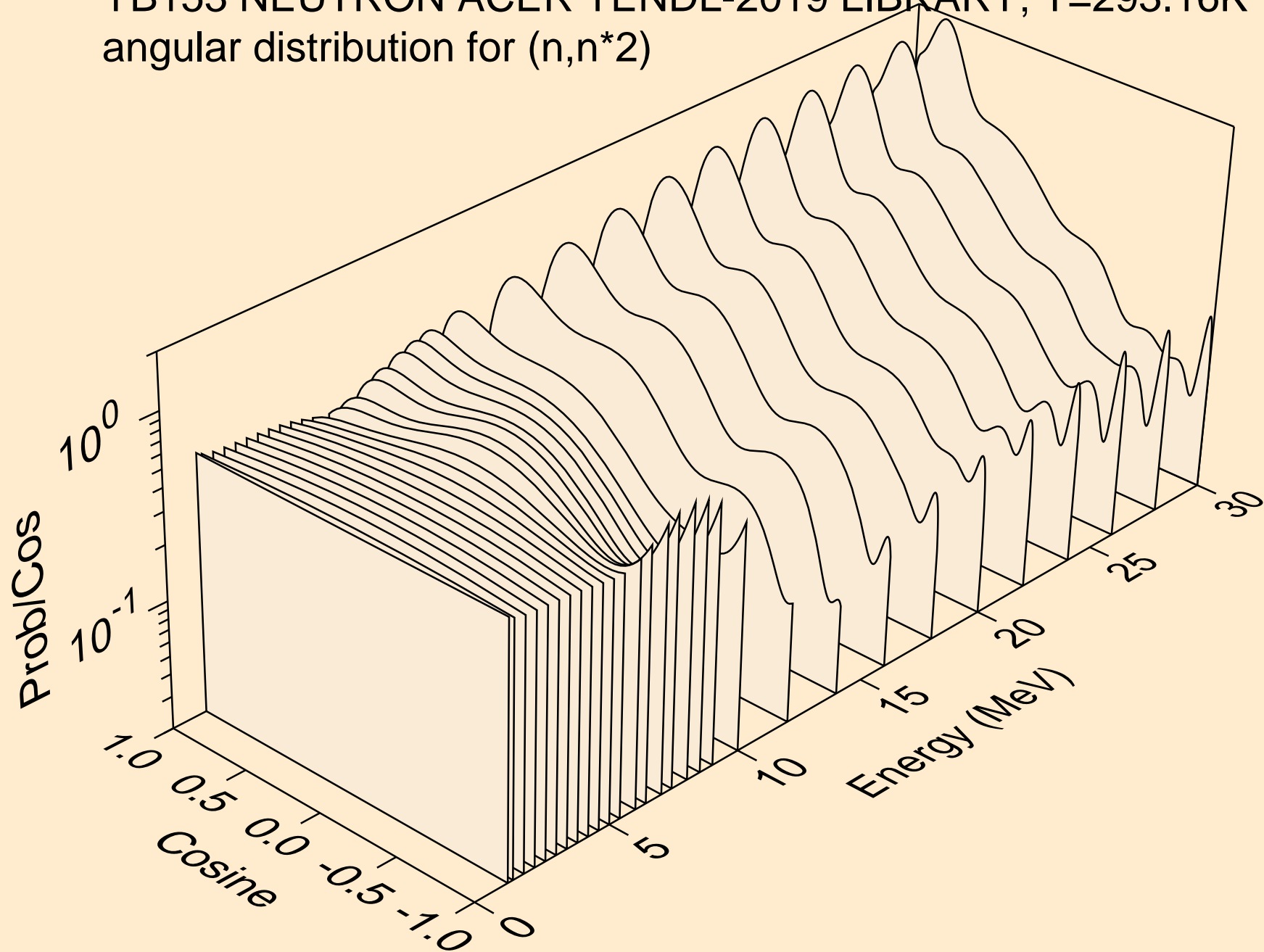
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



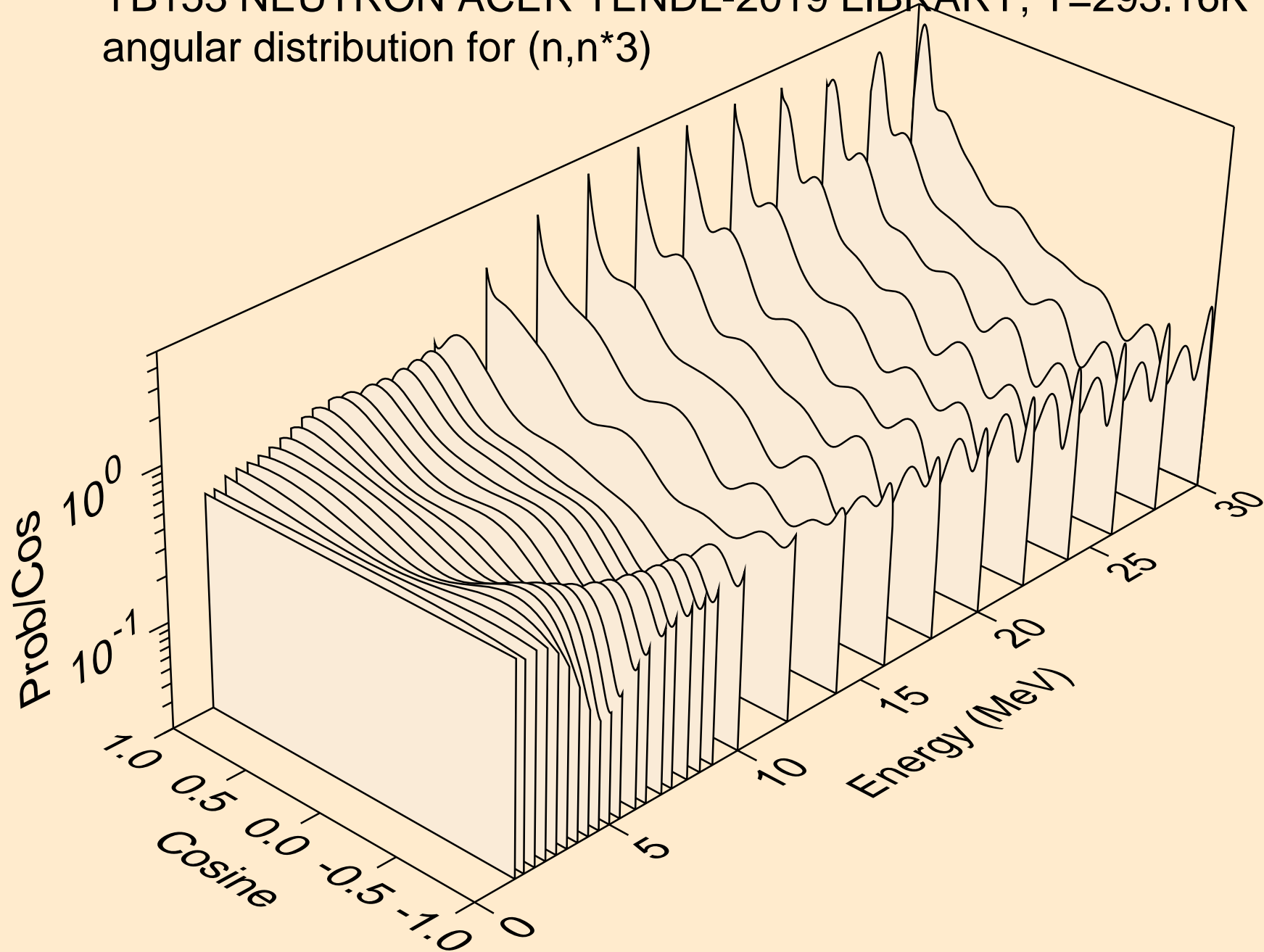
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



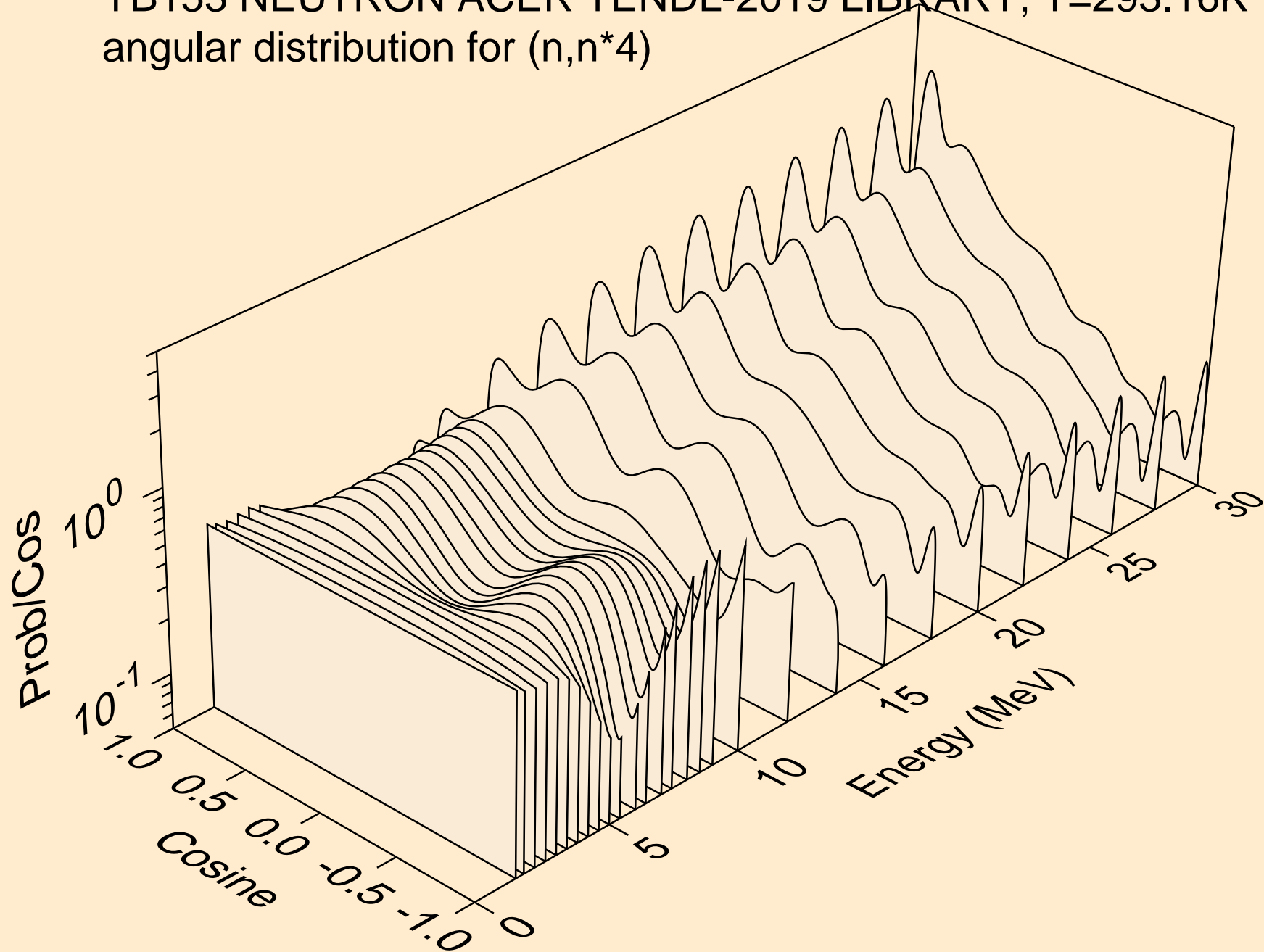
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



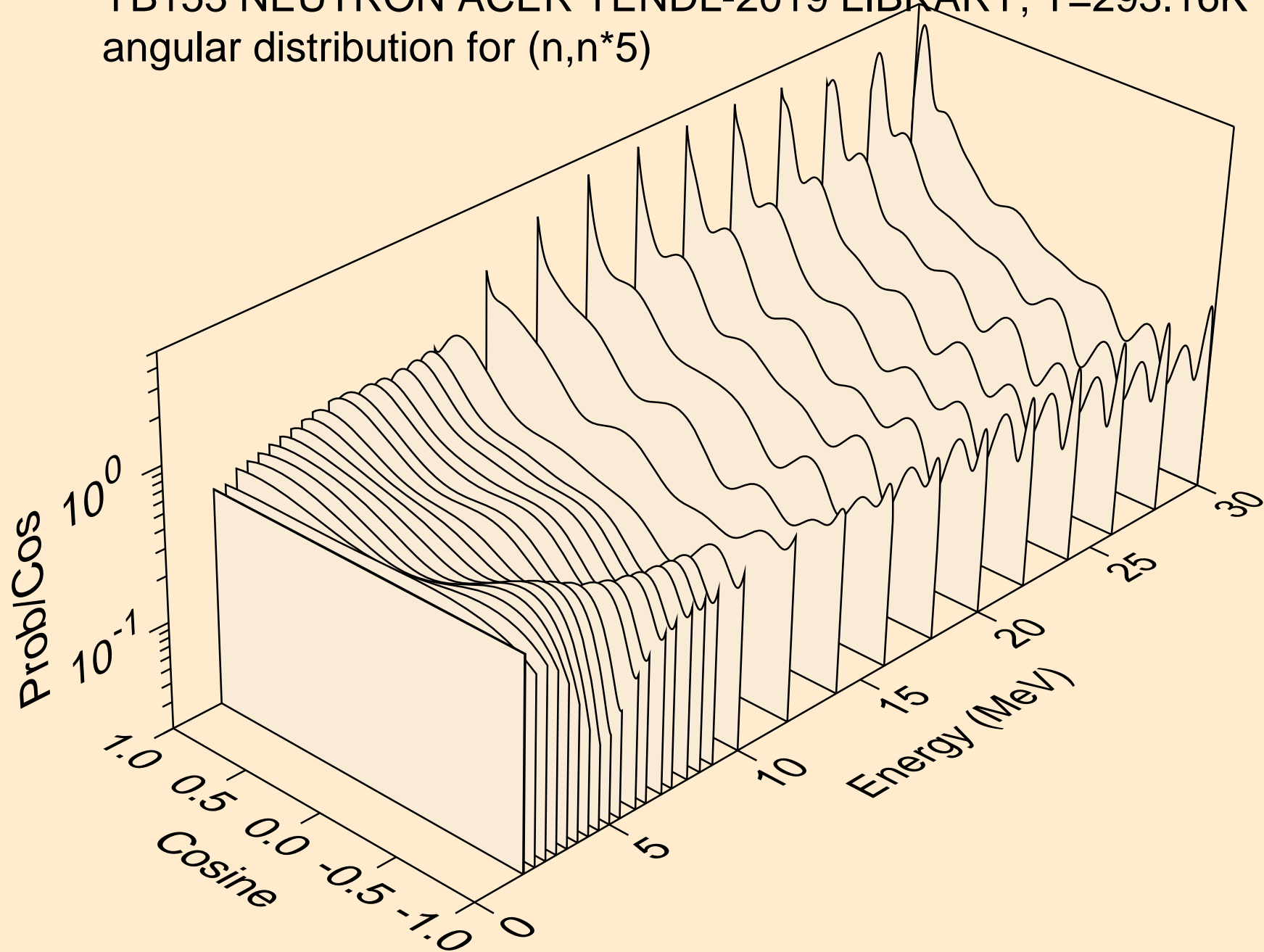
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



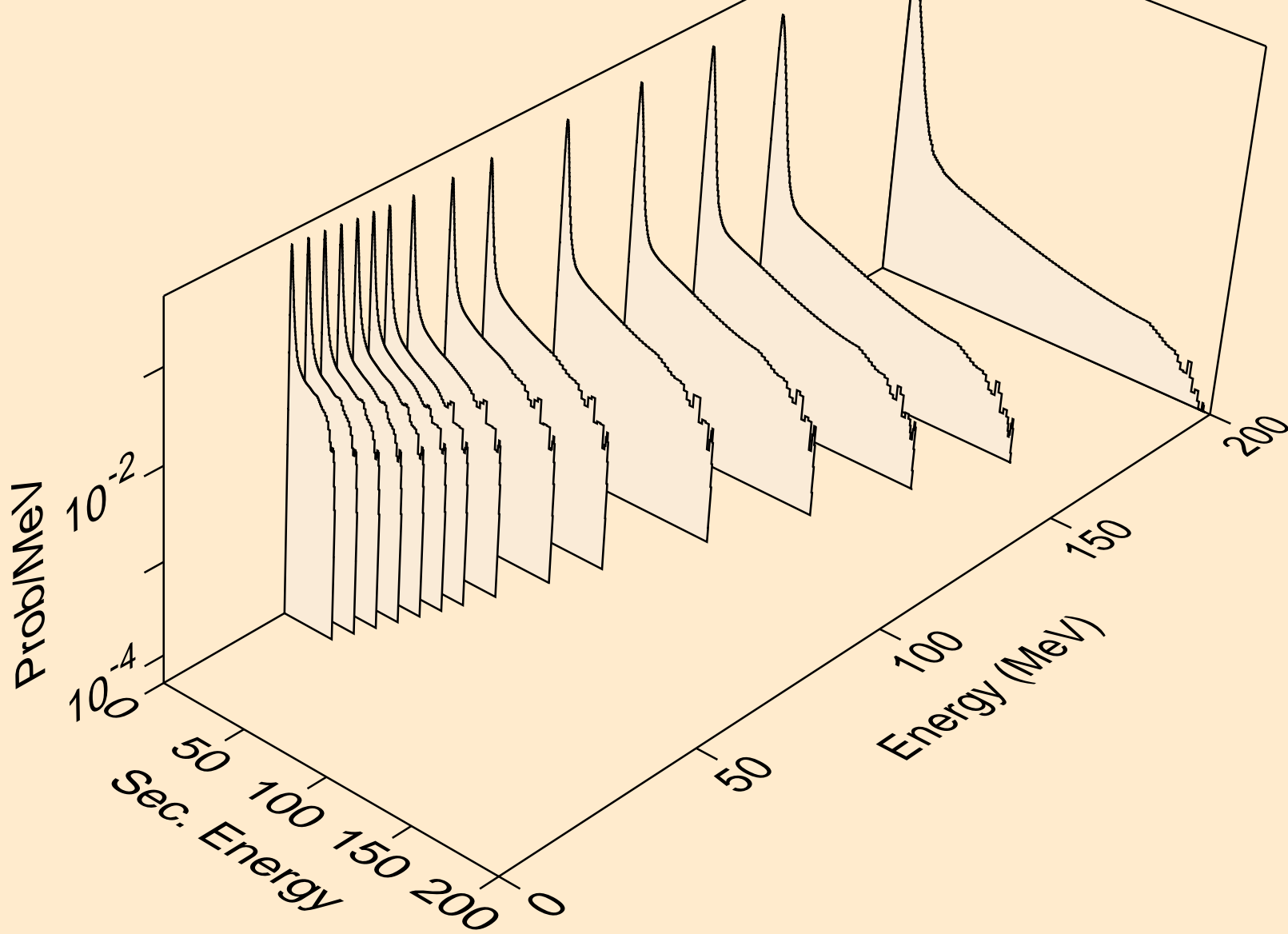
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angular distribution for (n,n*4)



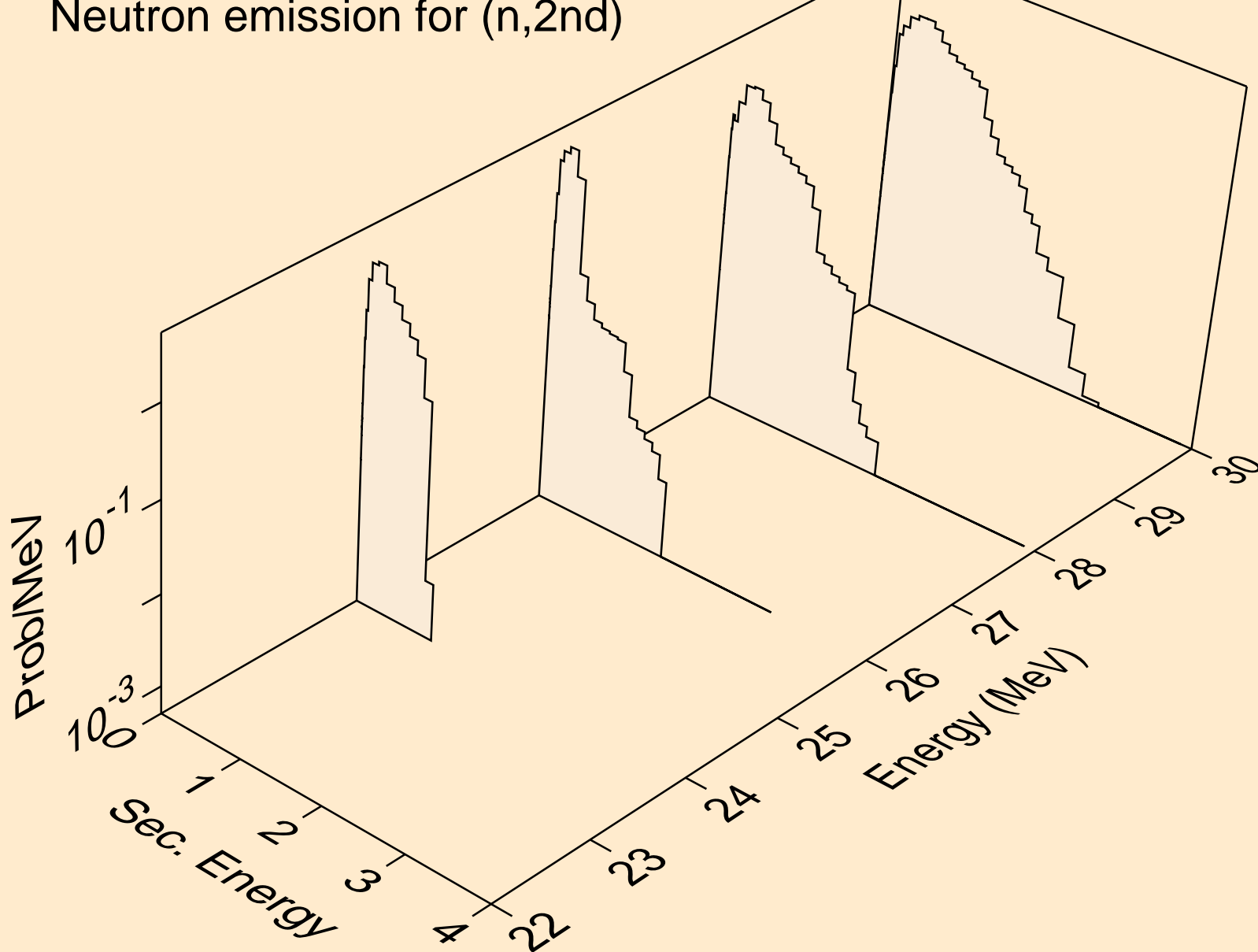
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



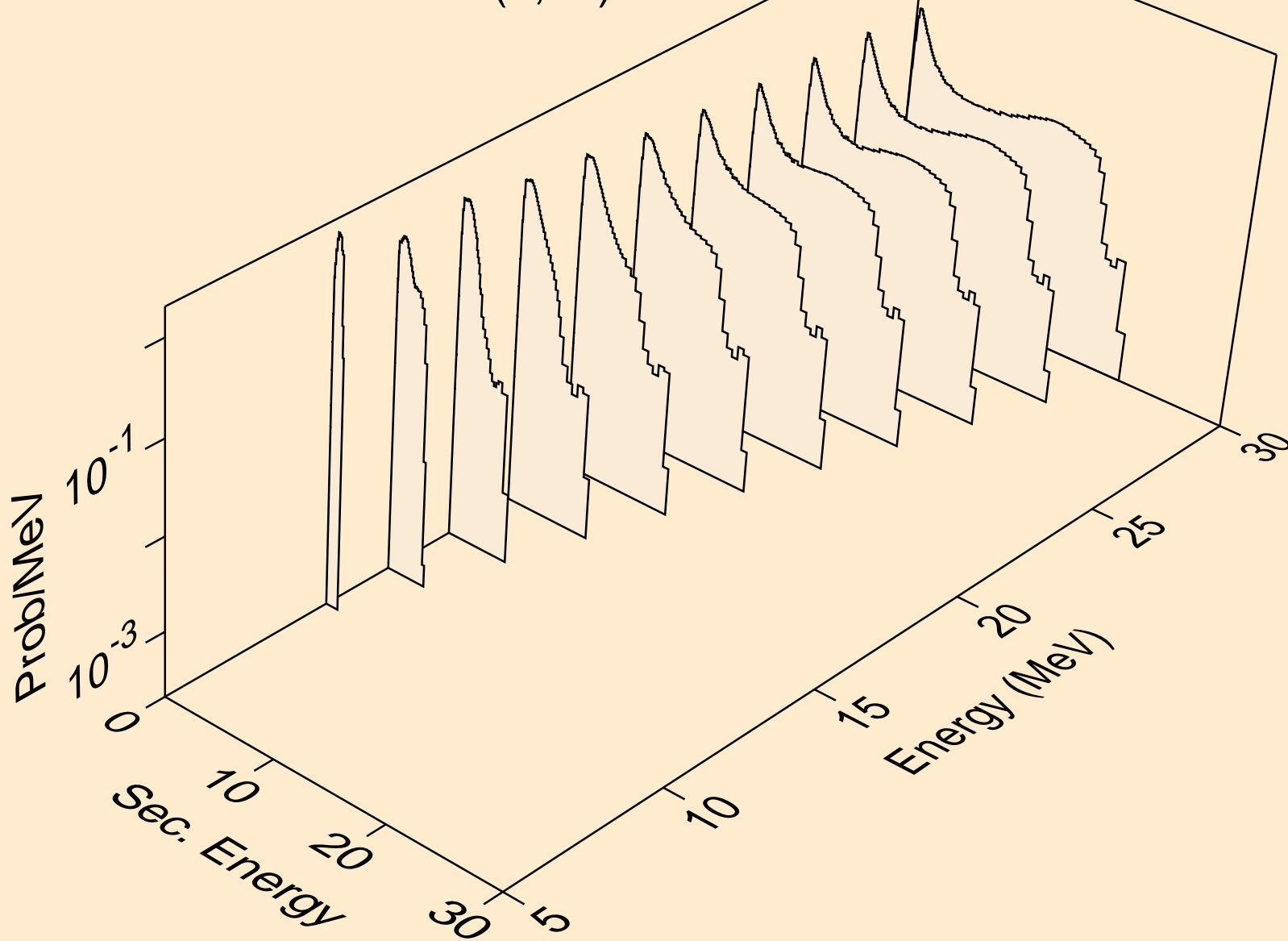
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



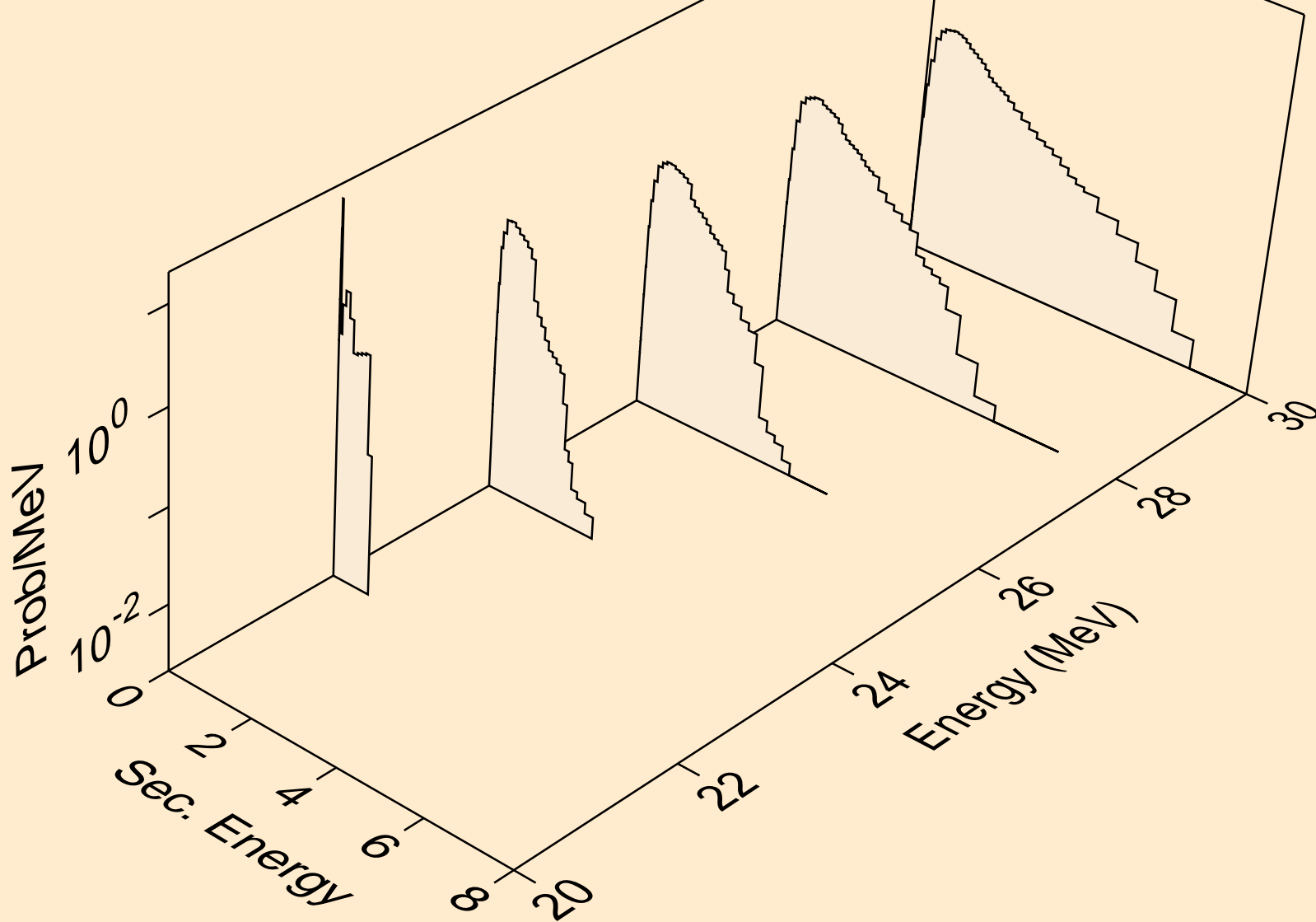
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



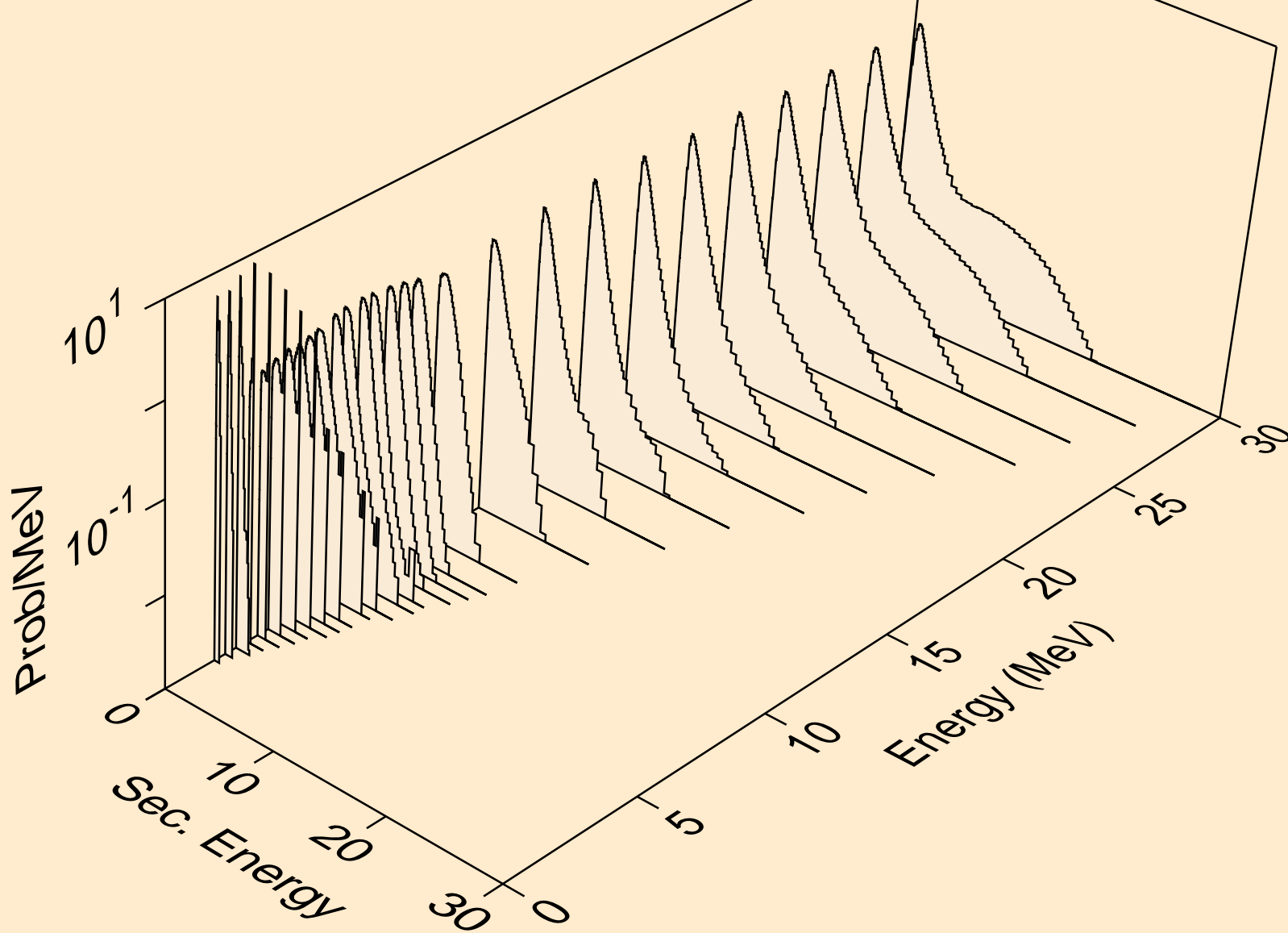
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



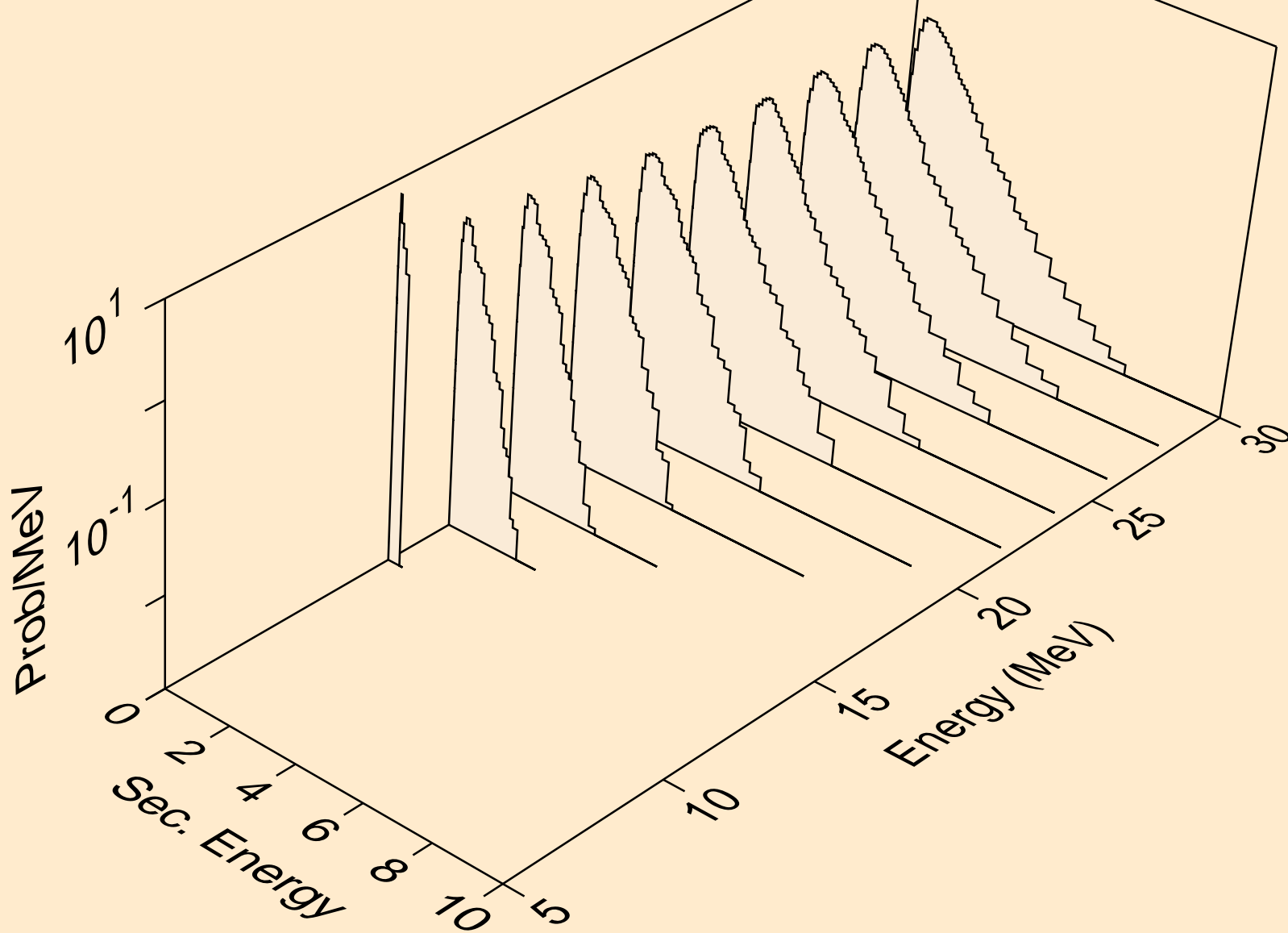
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



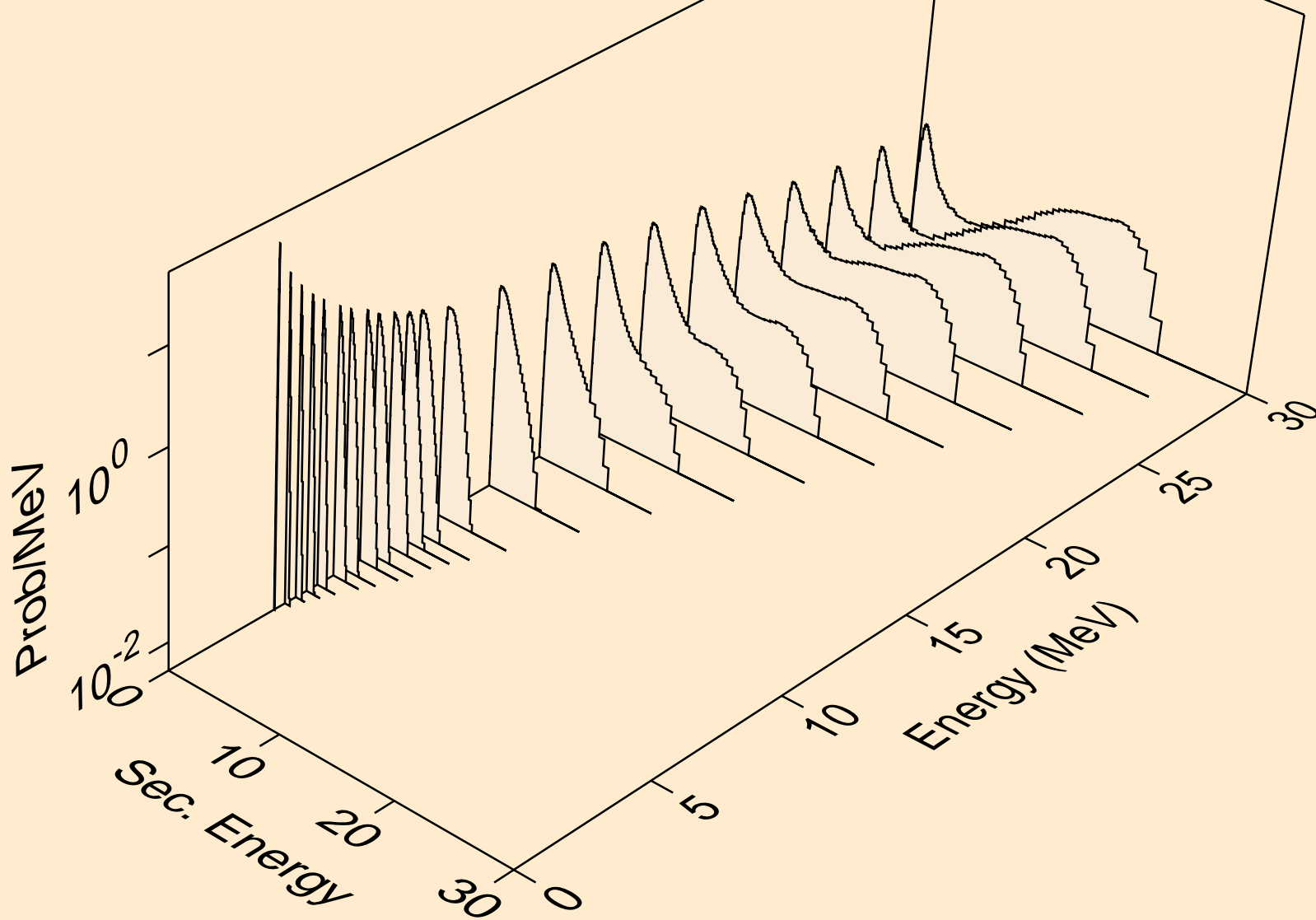
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



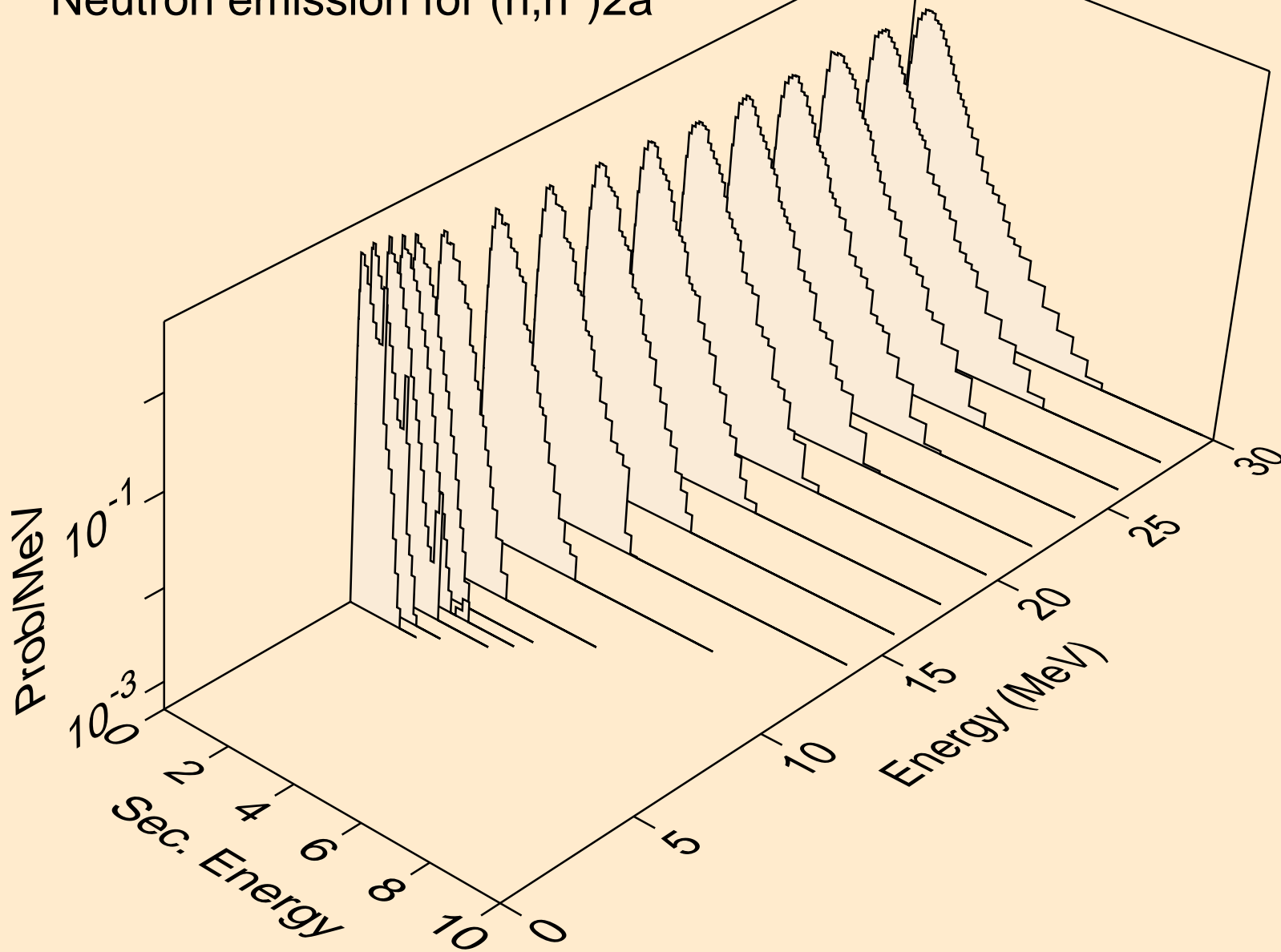
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



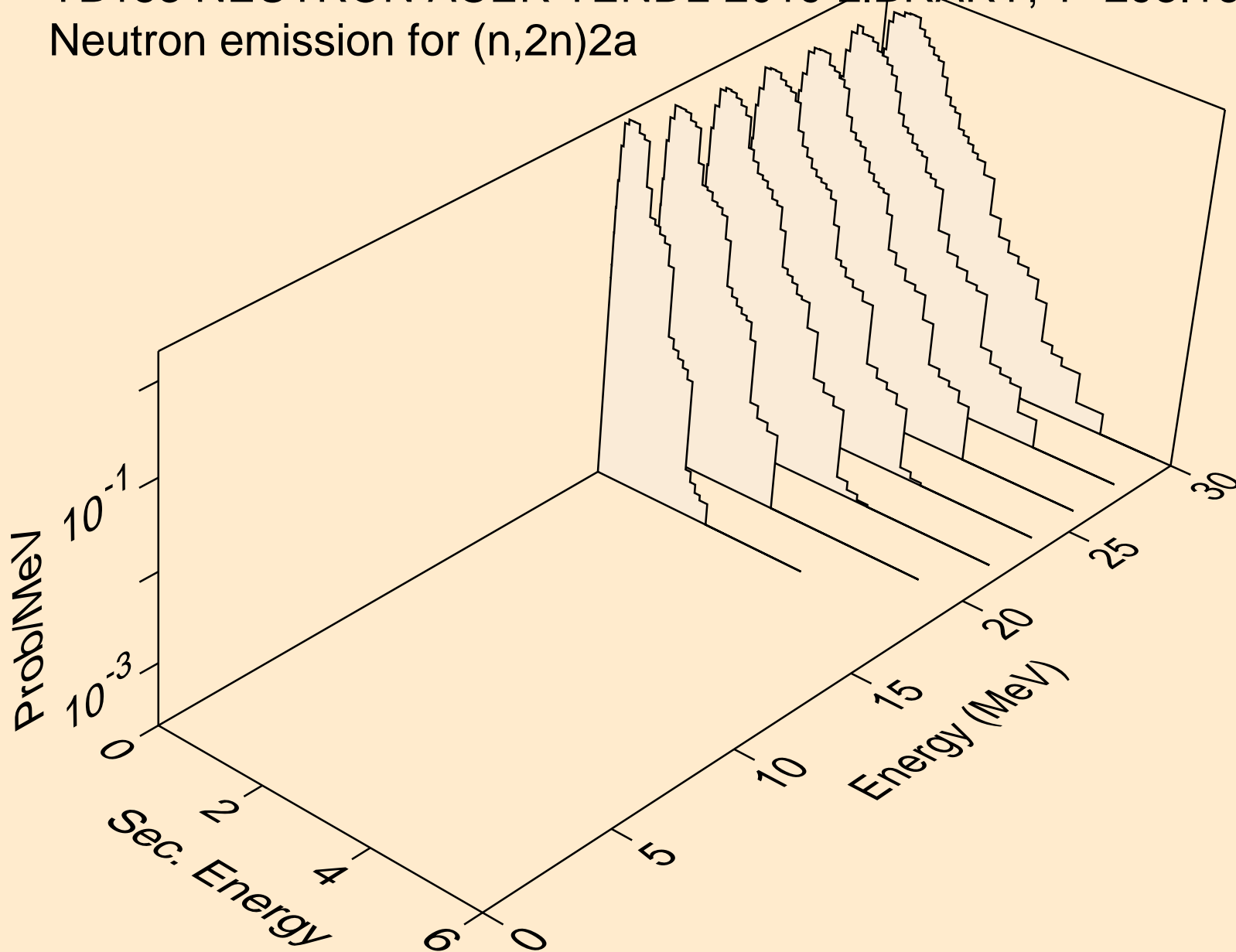
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



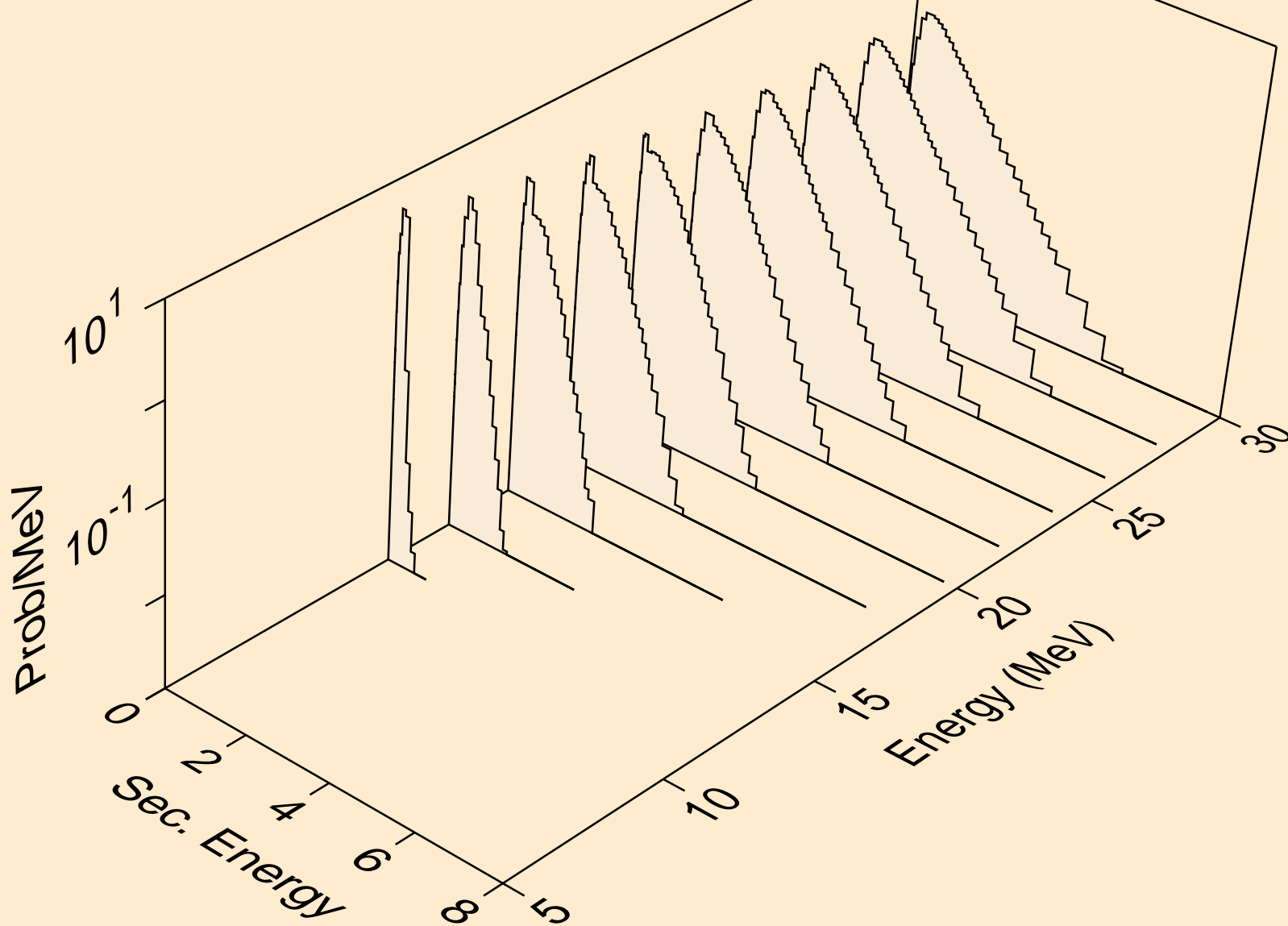
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Neutron emission for (n,n*)2a



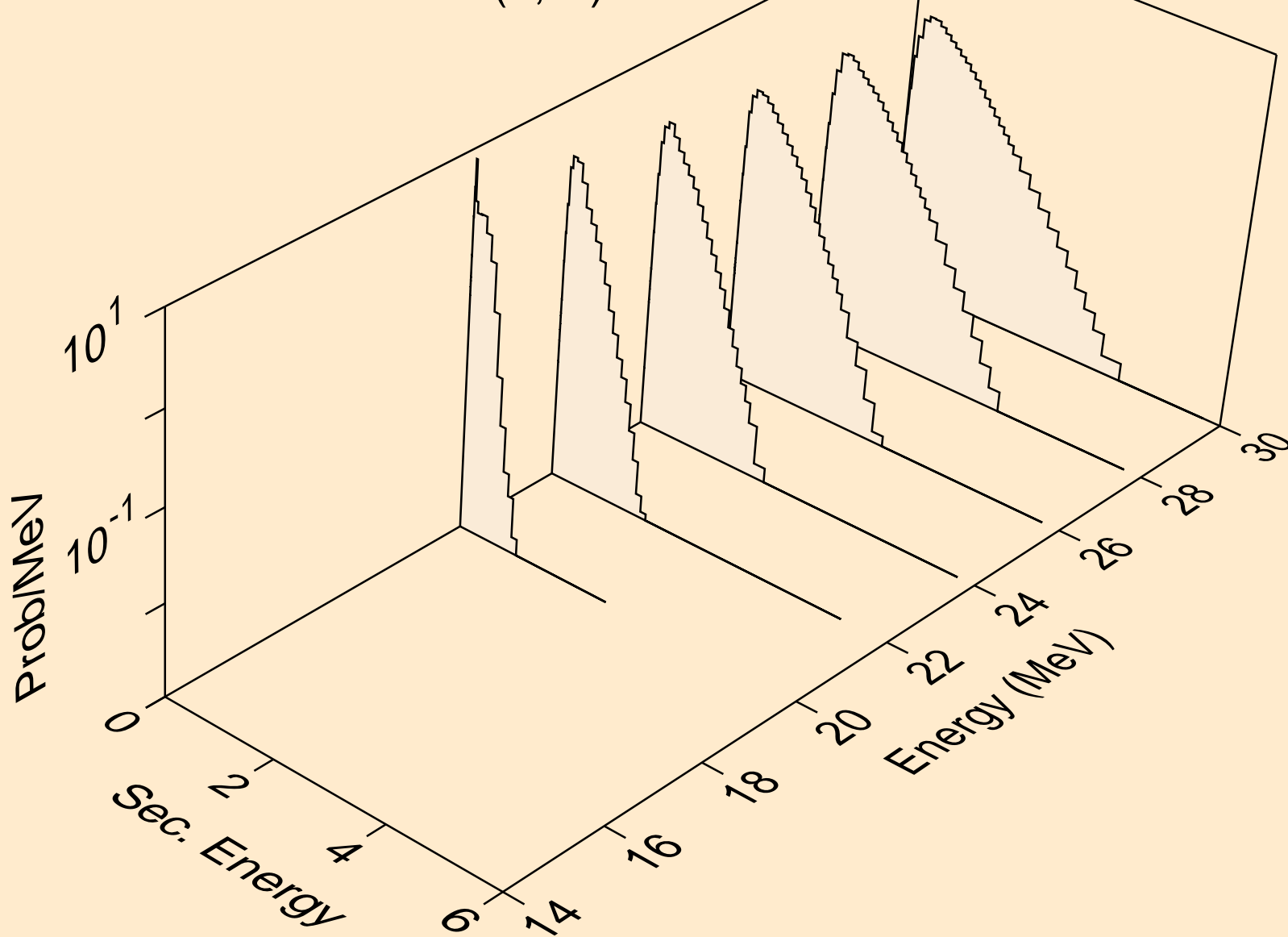
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



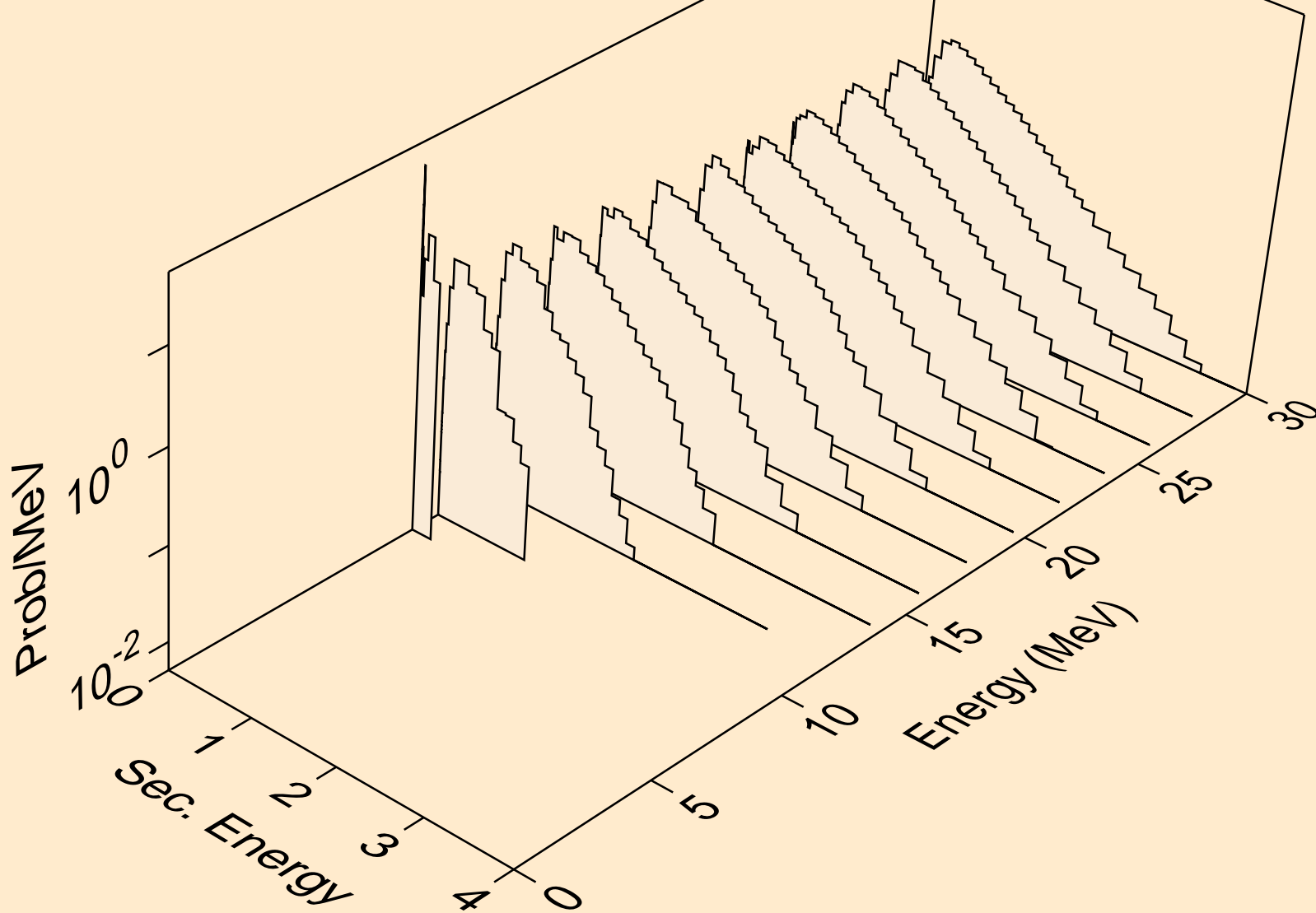
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



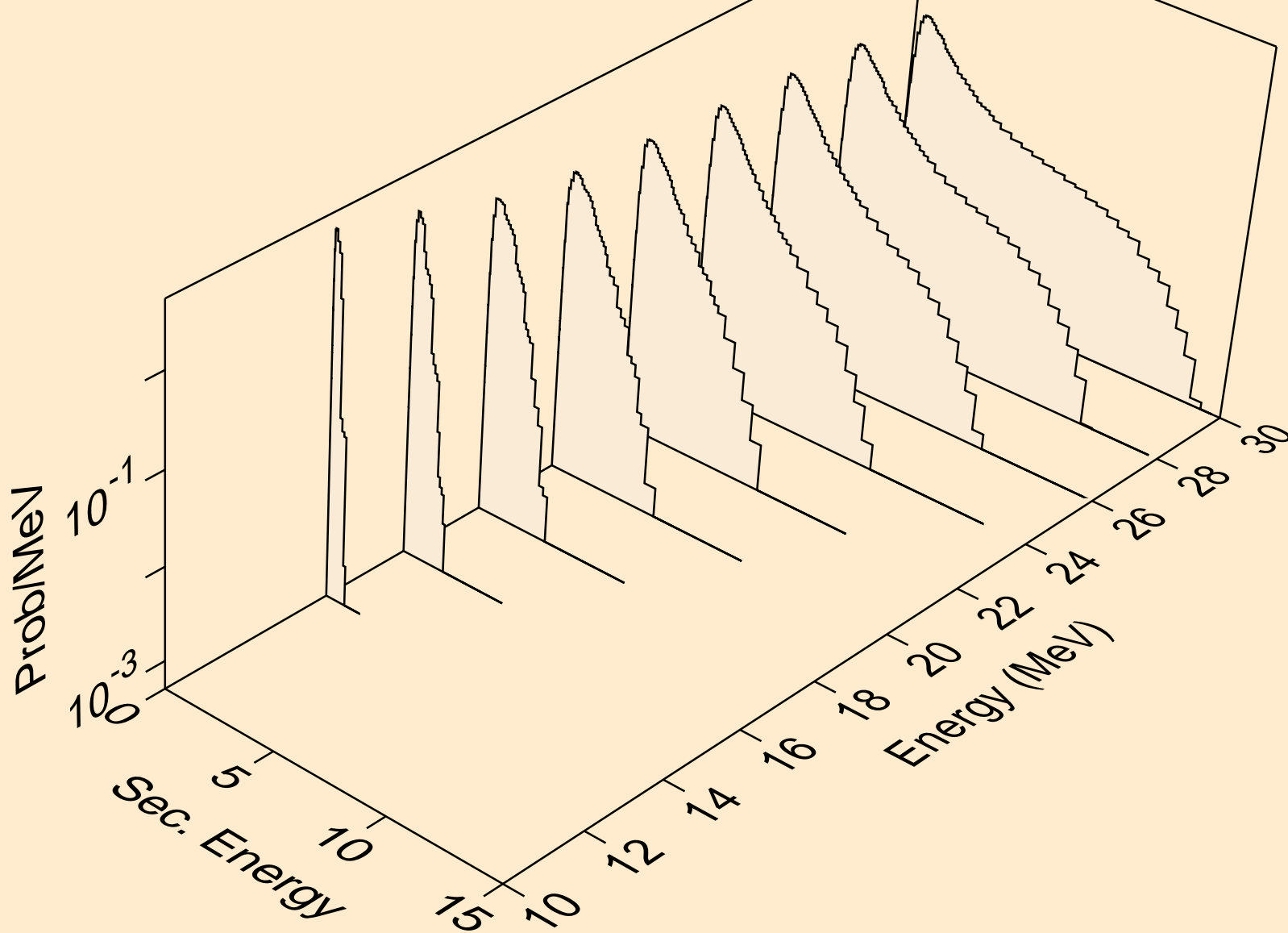
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



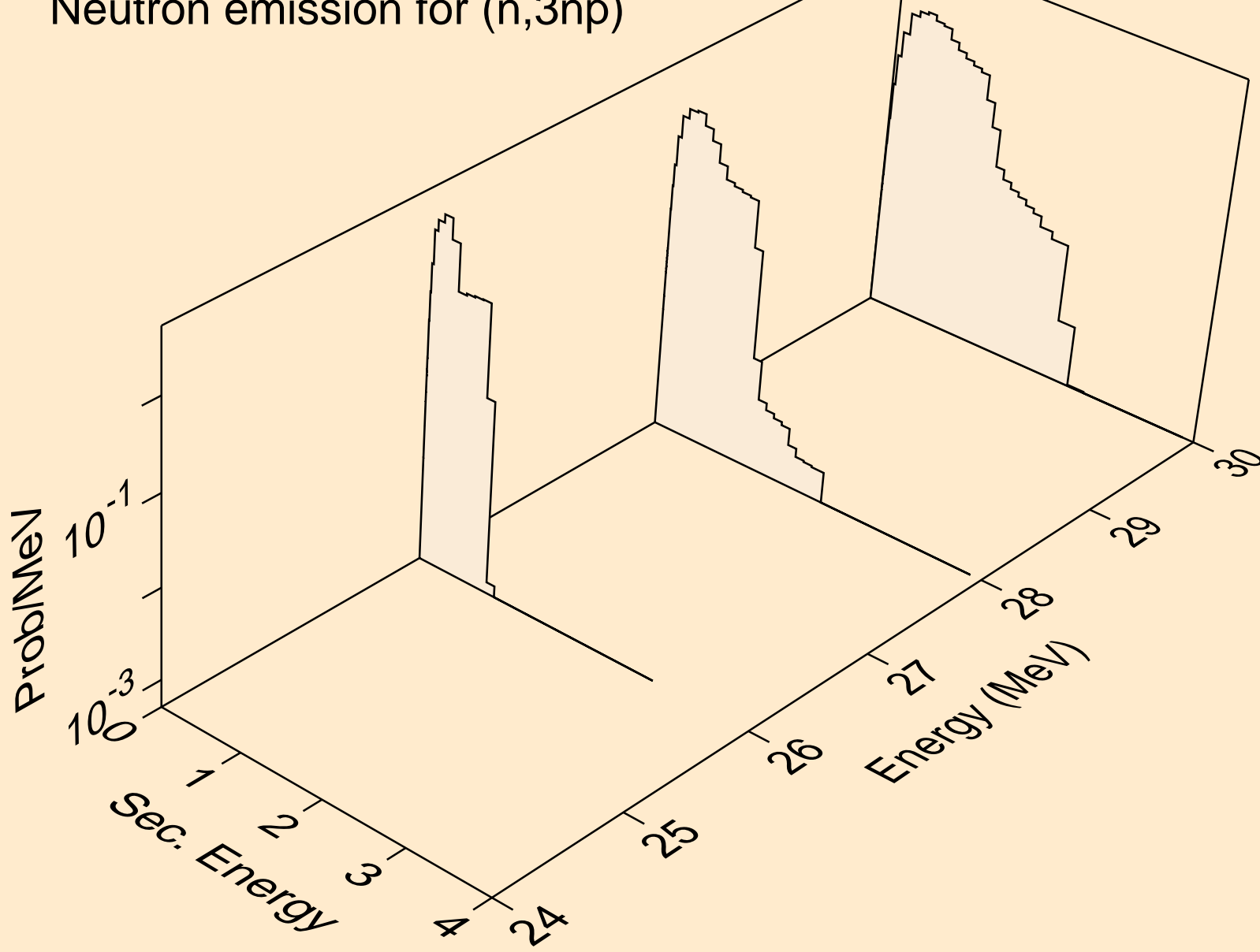
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



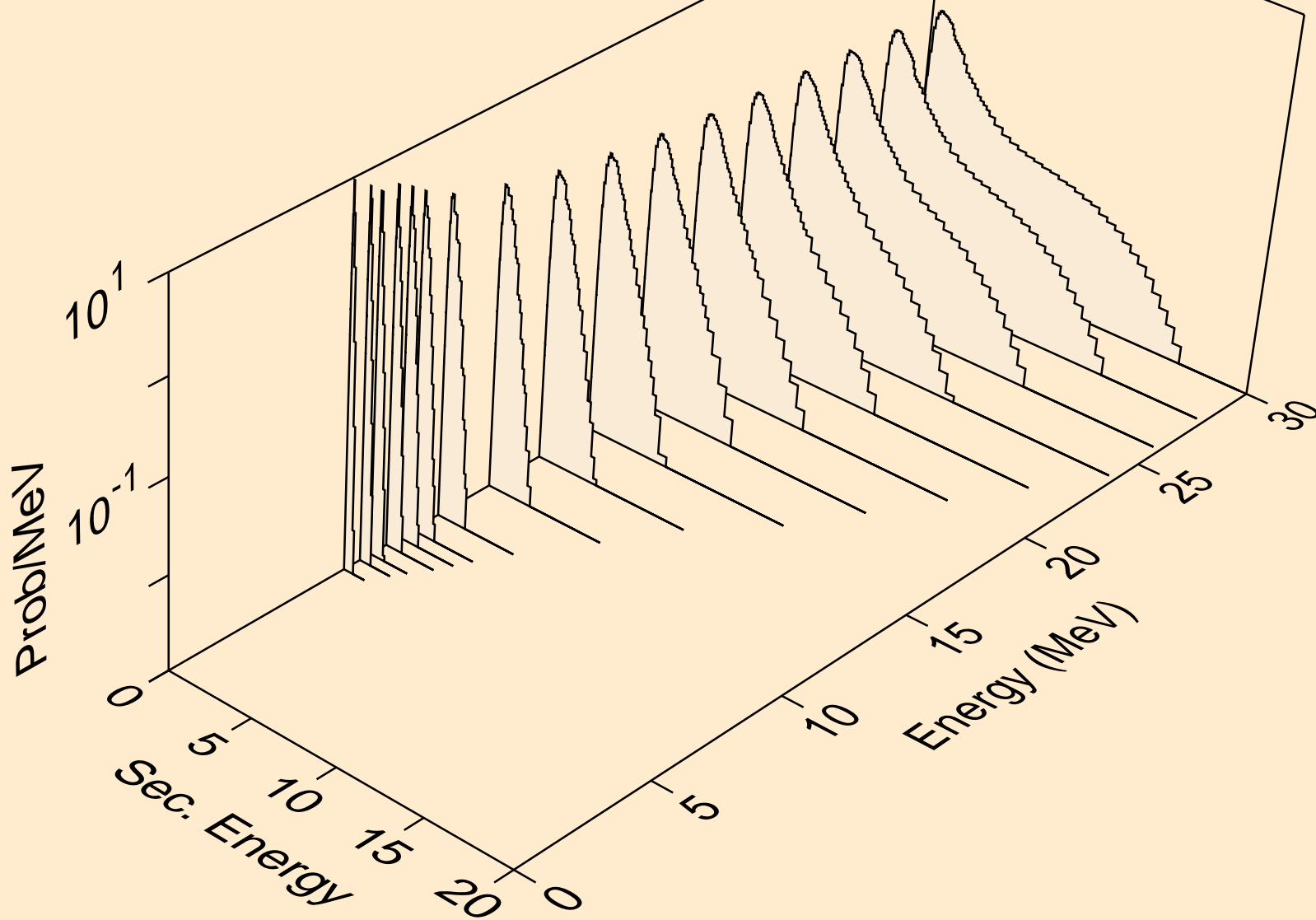
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



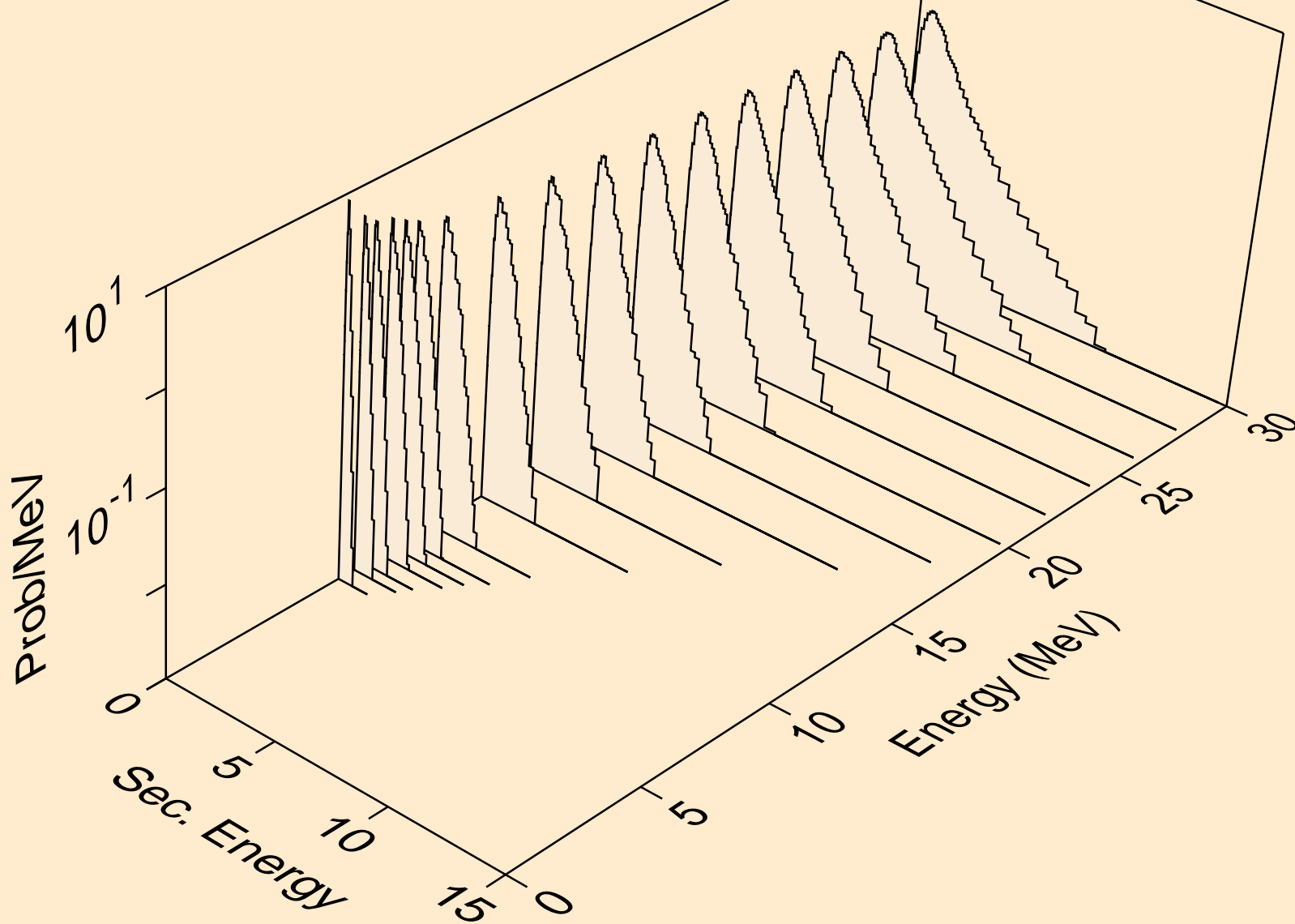
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Neutron emission for (n,3np)



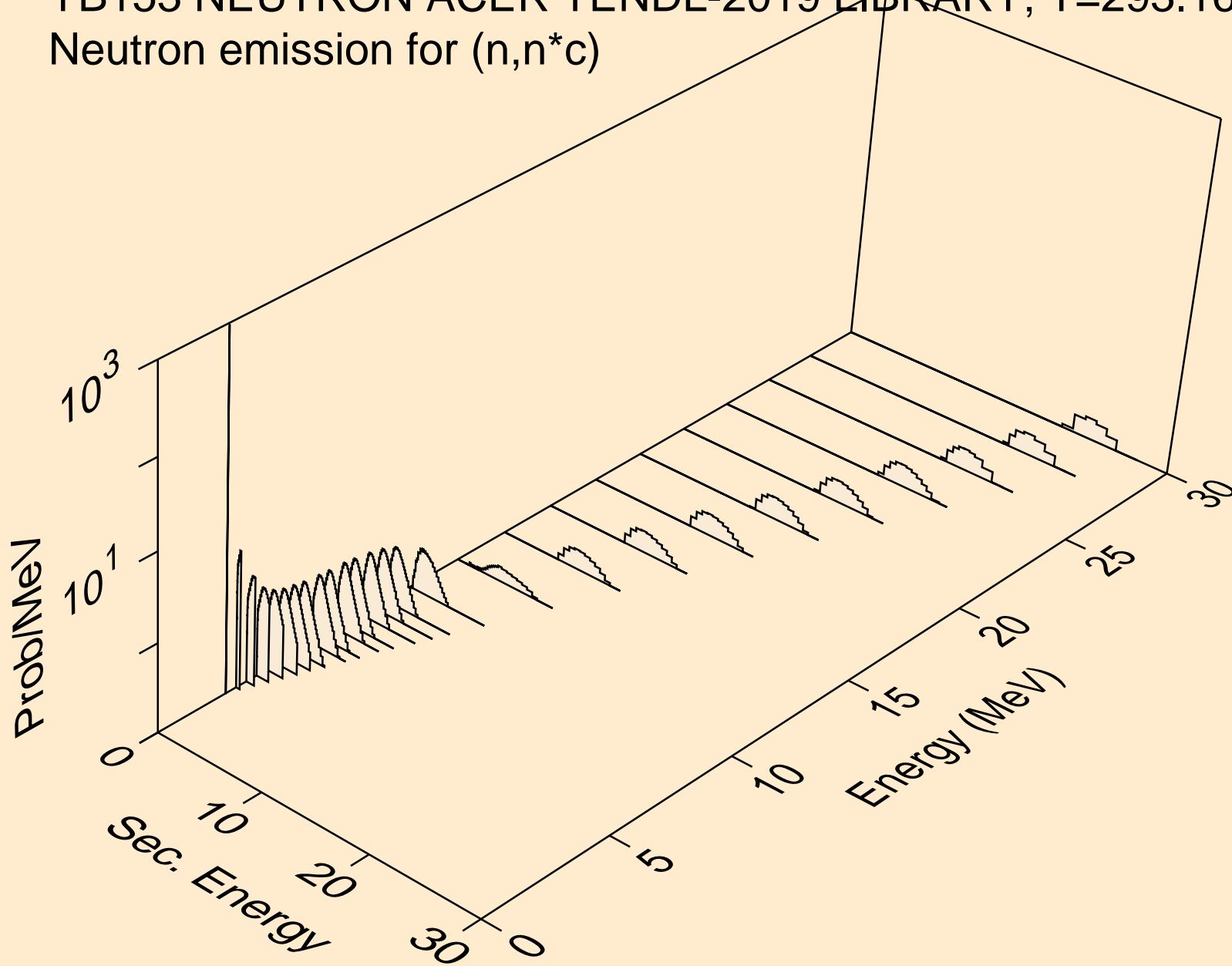
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



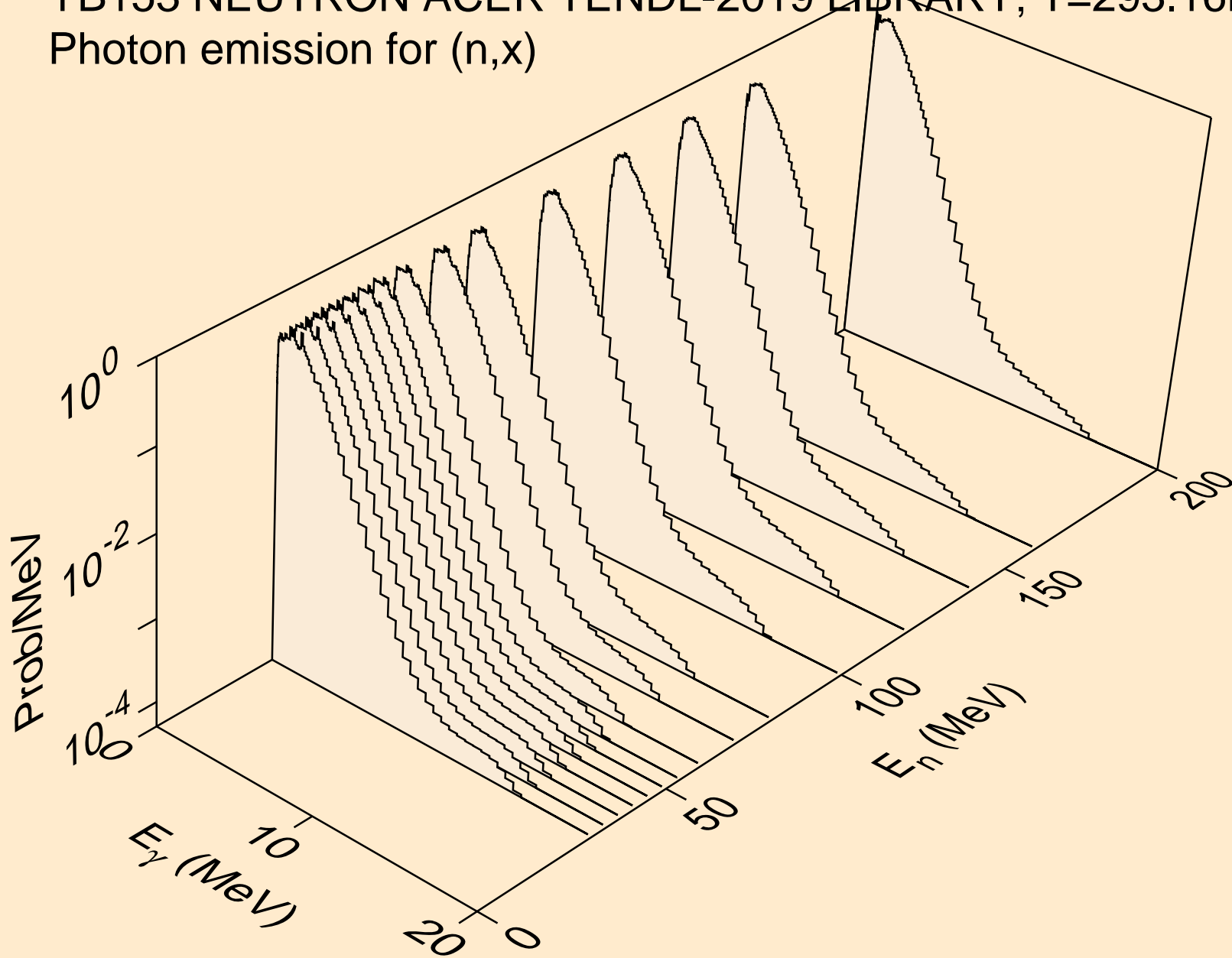
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



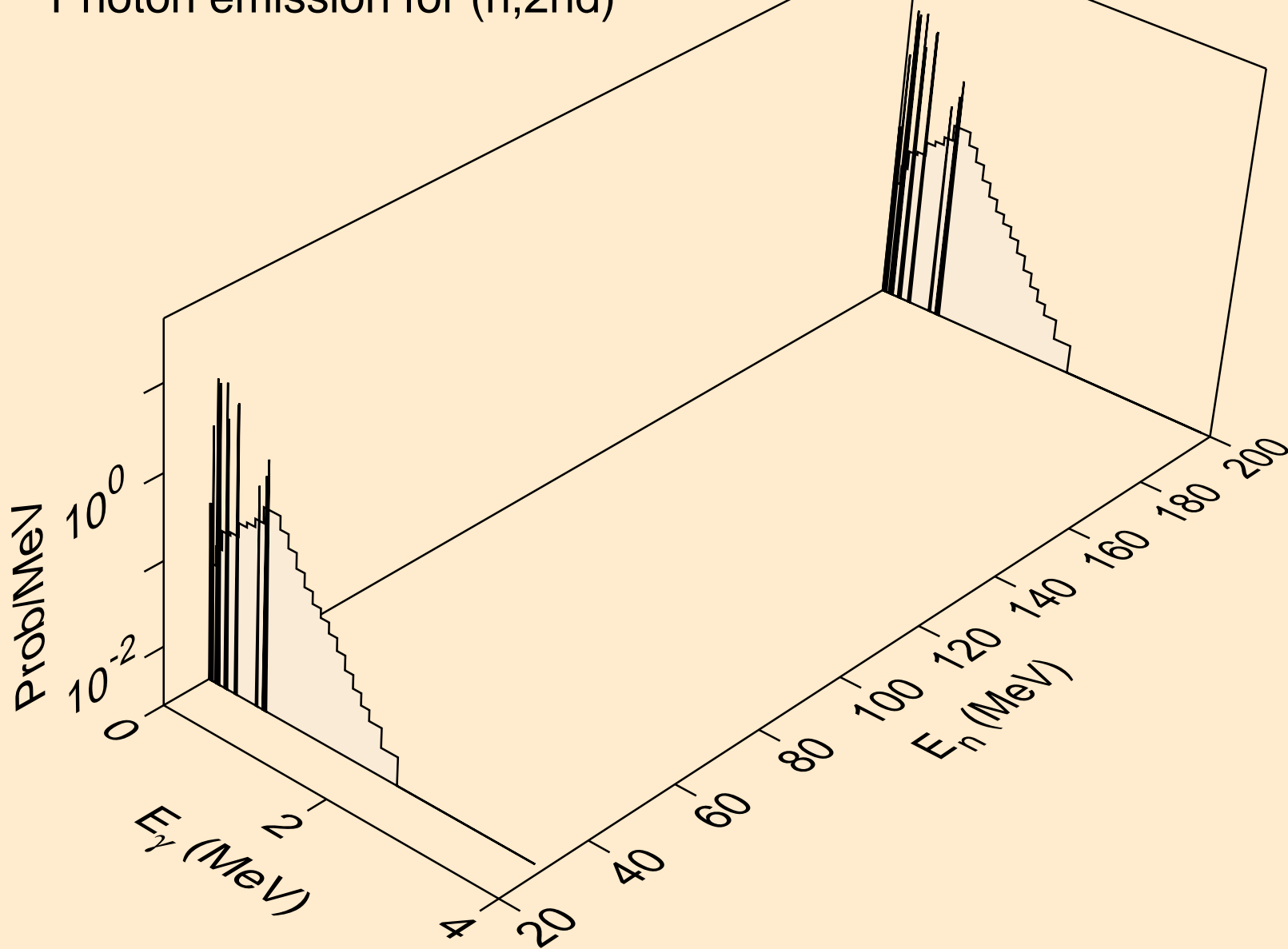
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



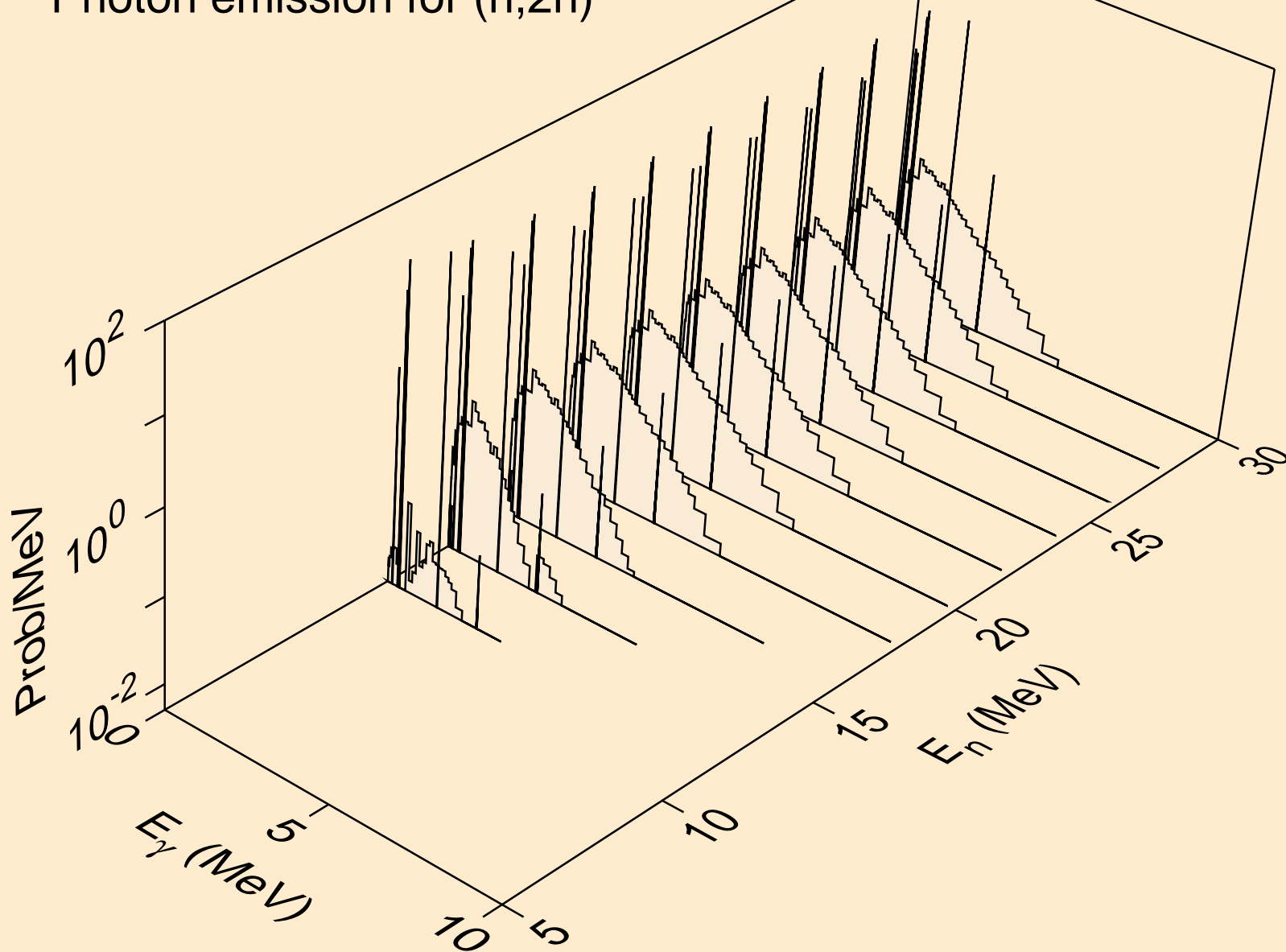
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



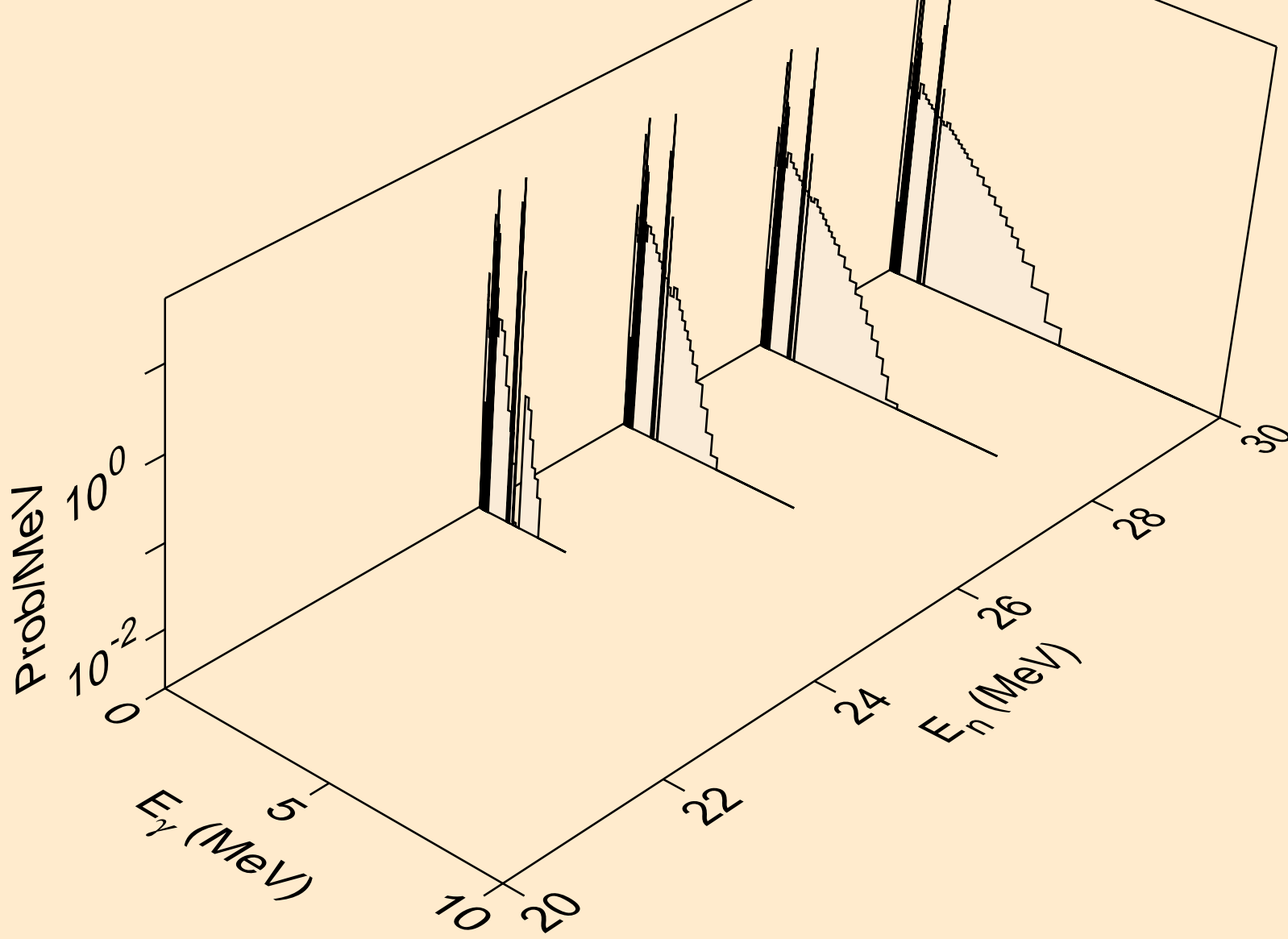
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Photon emission for (n,2nd)



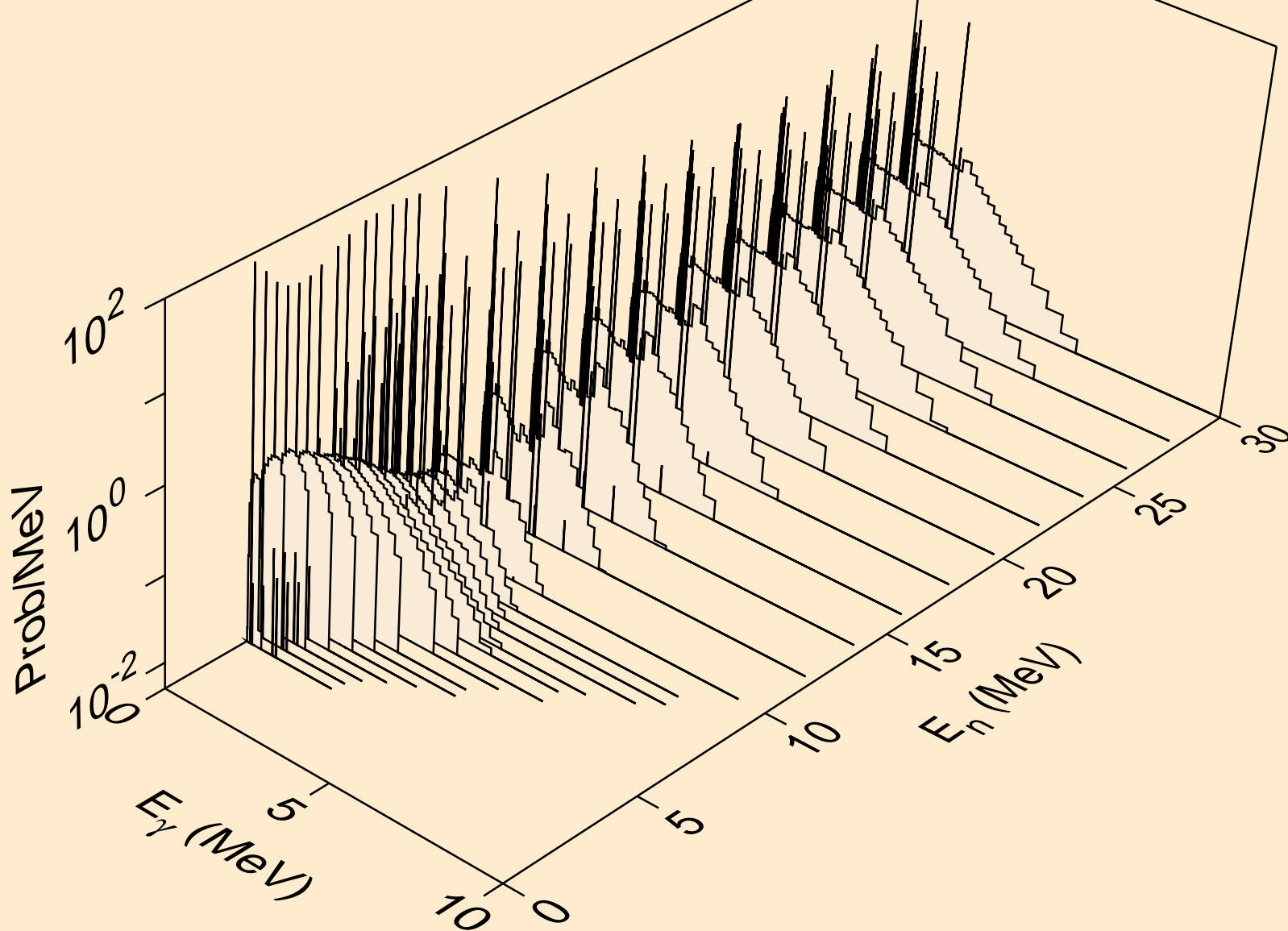
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Photon emission for (n,2n)



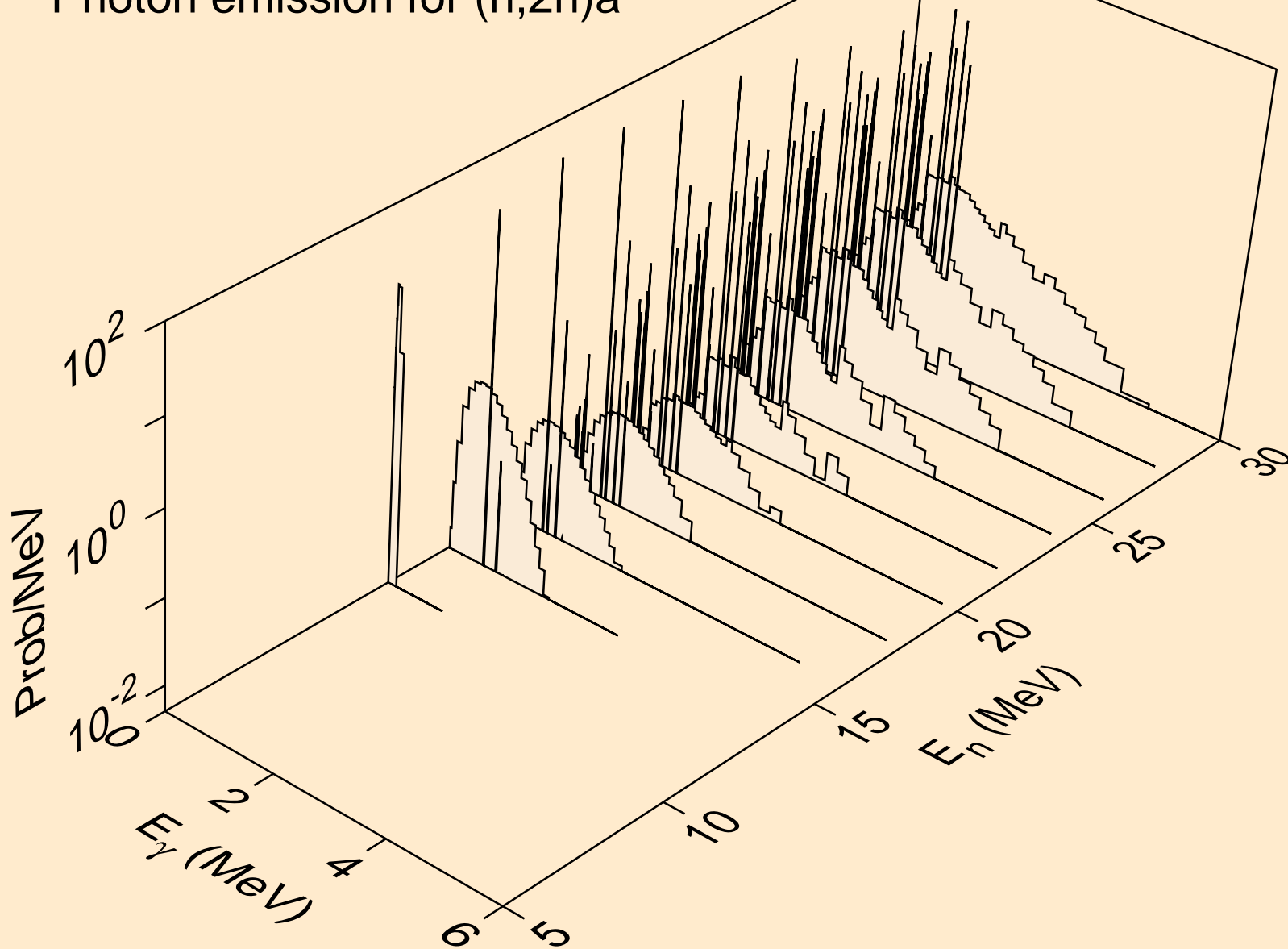
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



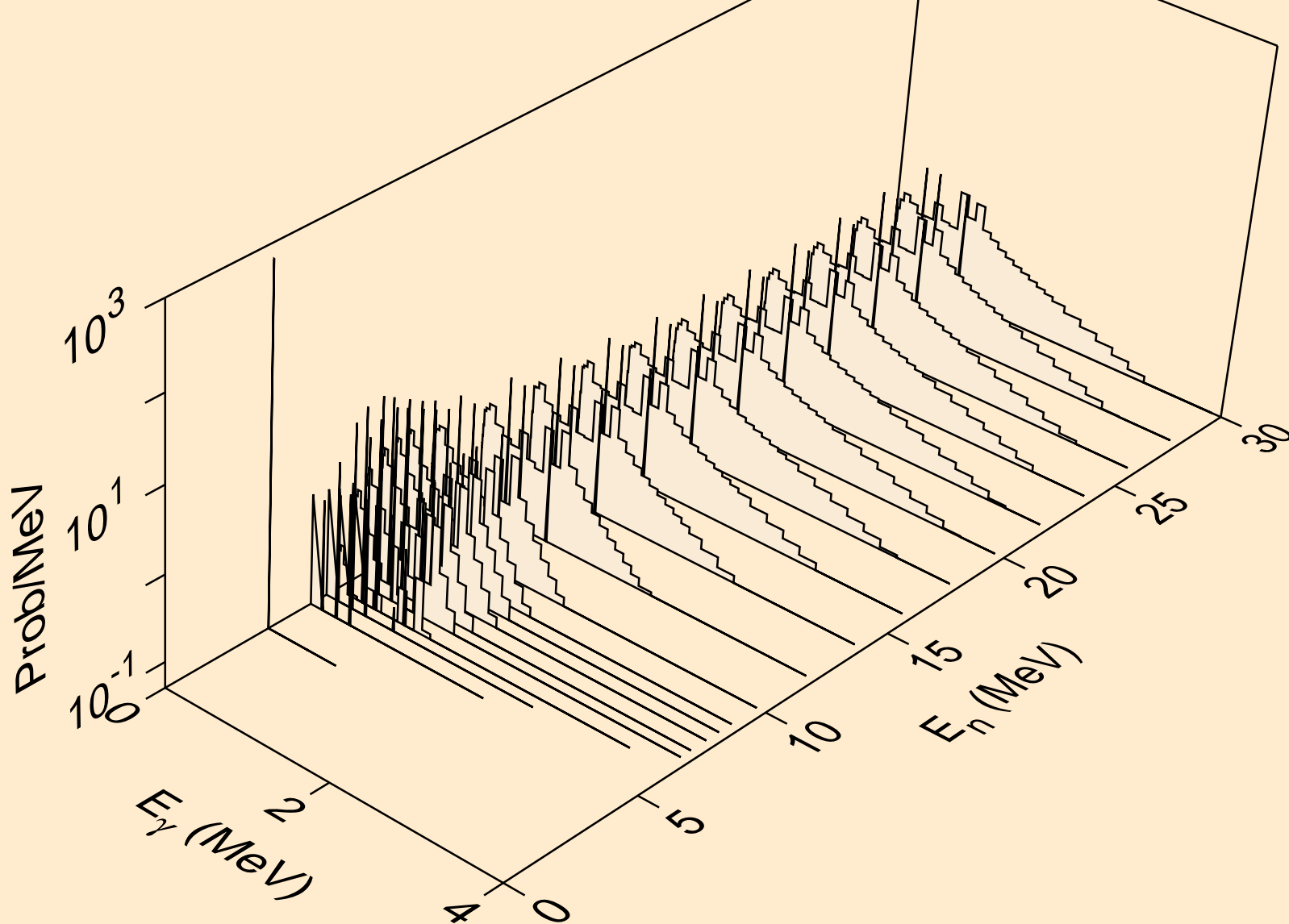
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



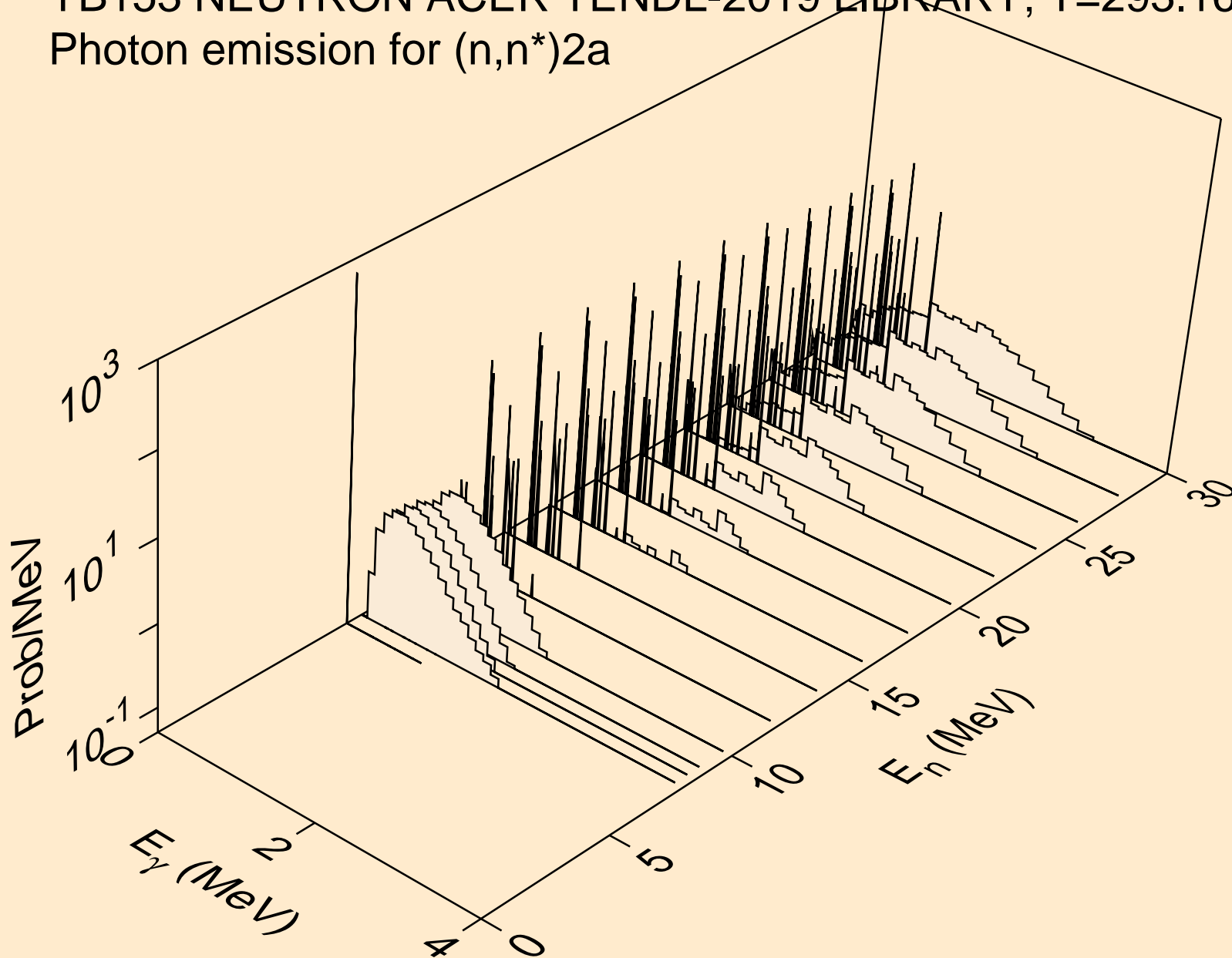
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



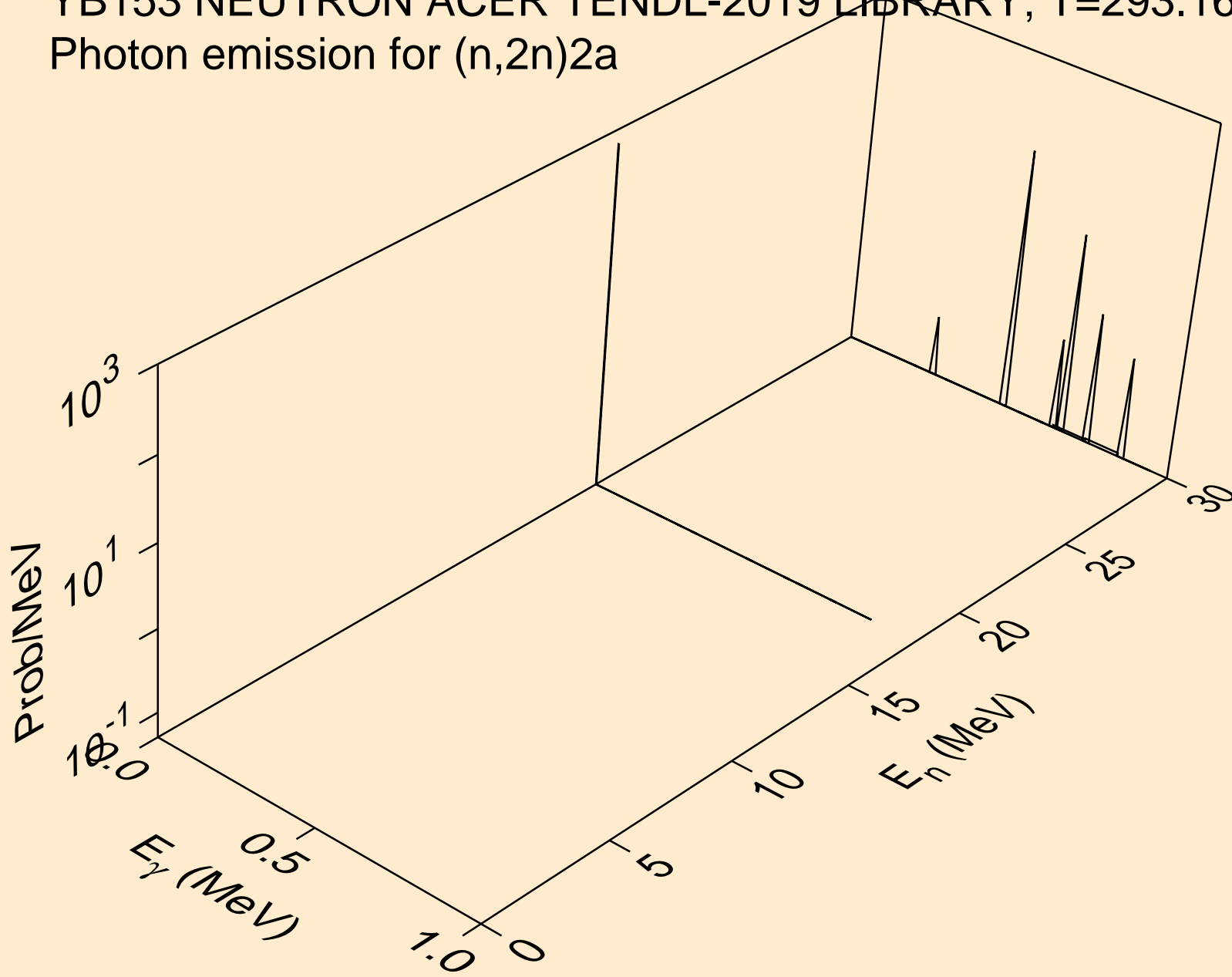
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



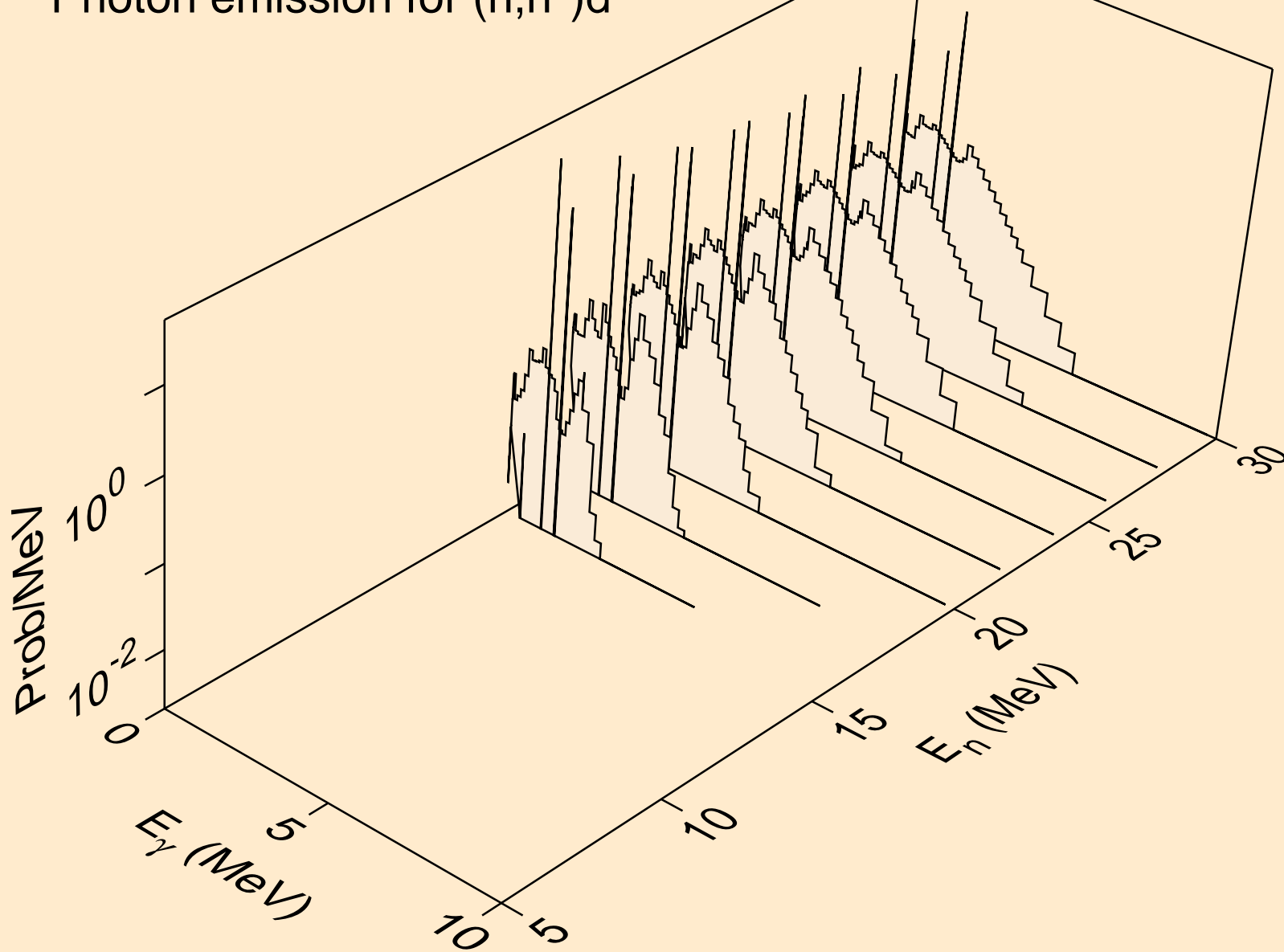
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



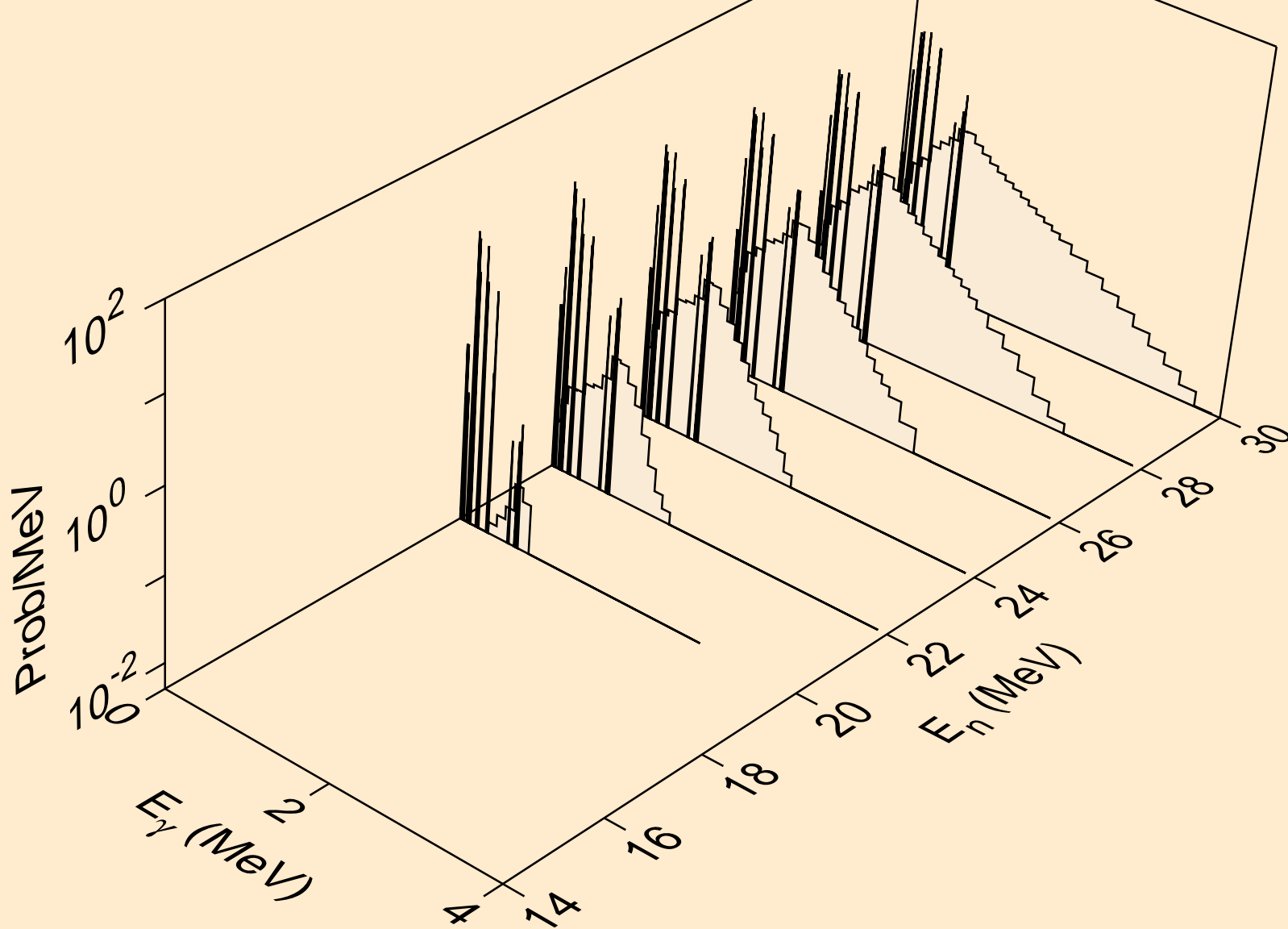
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



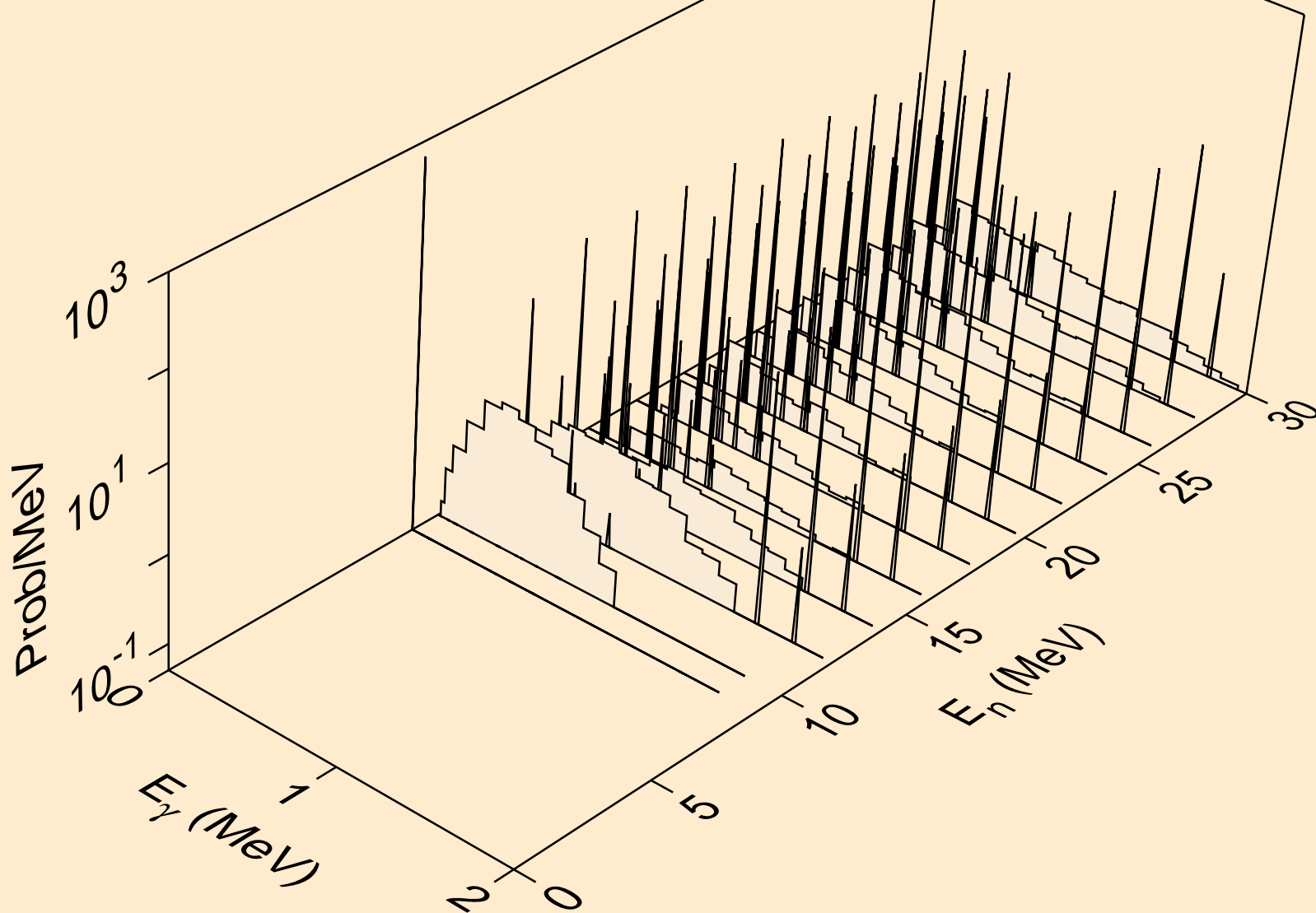
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



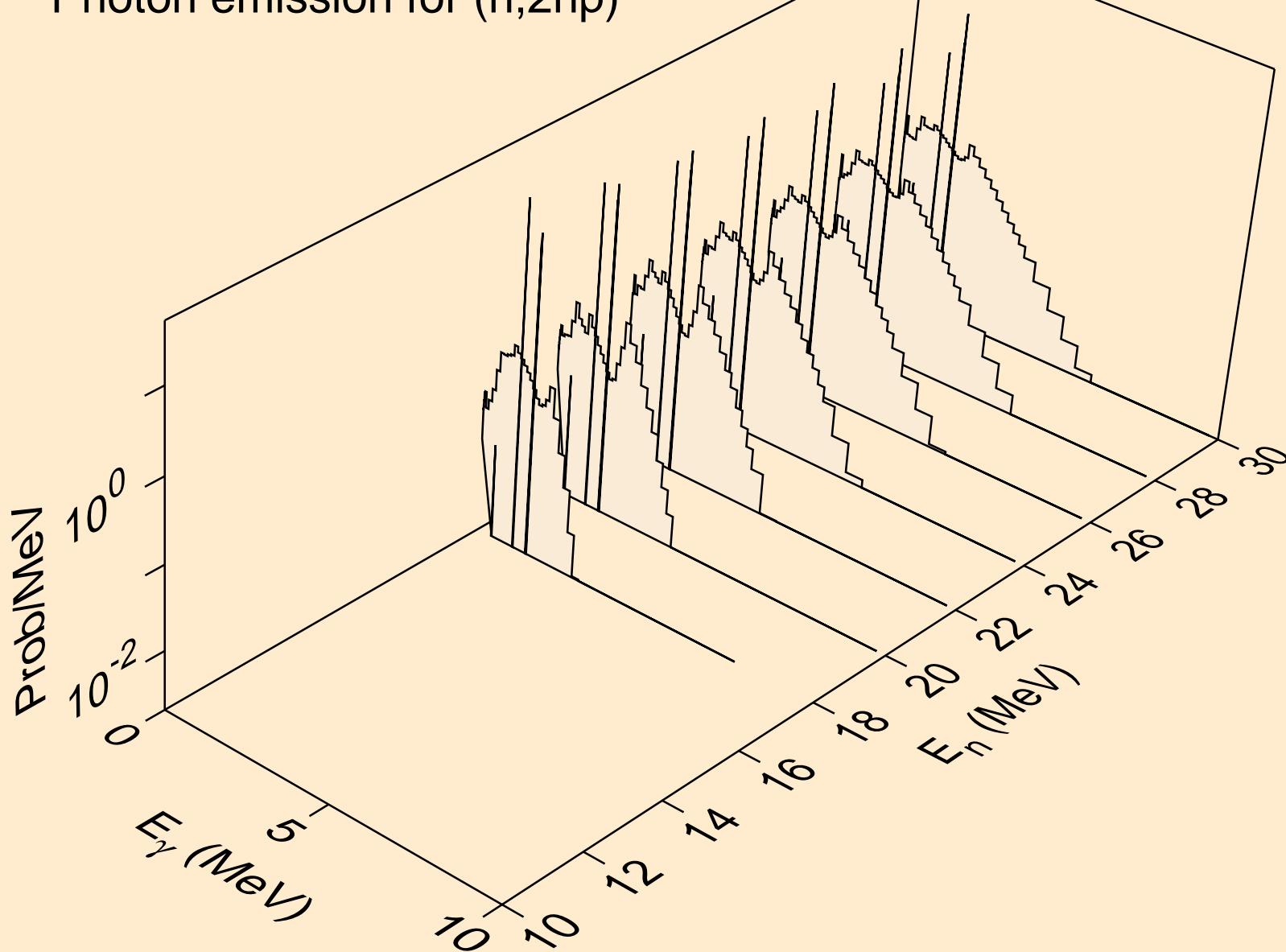
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



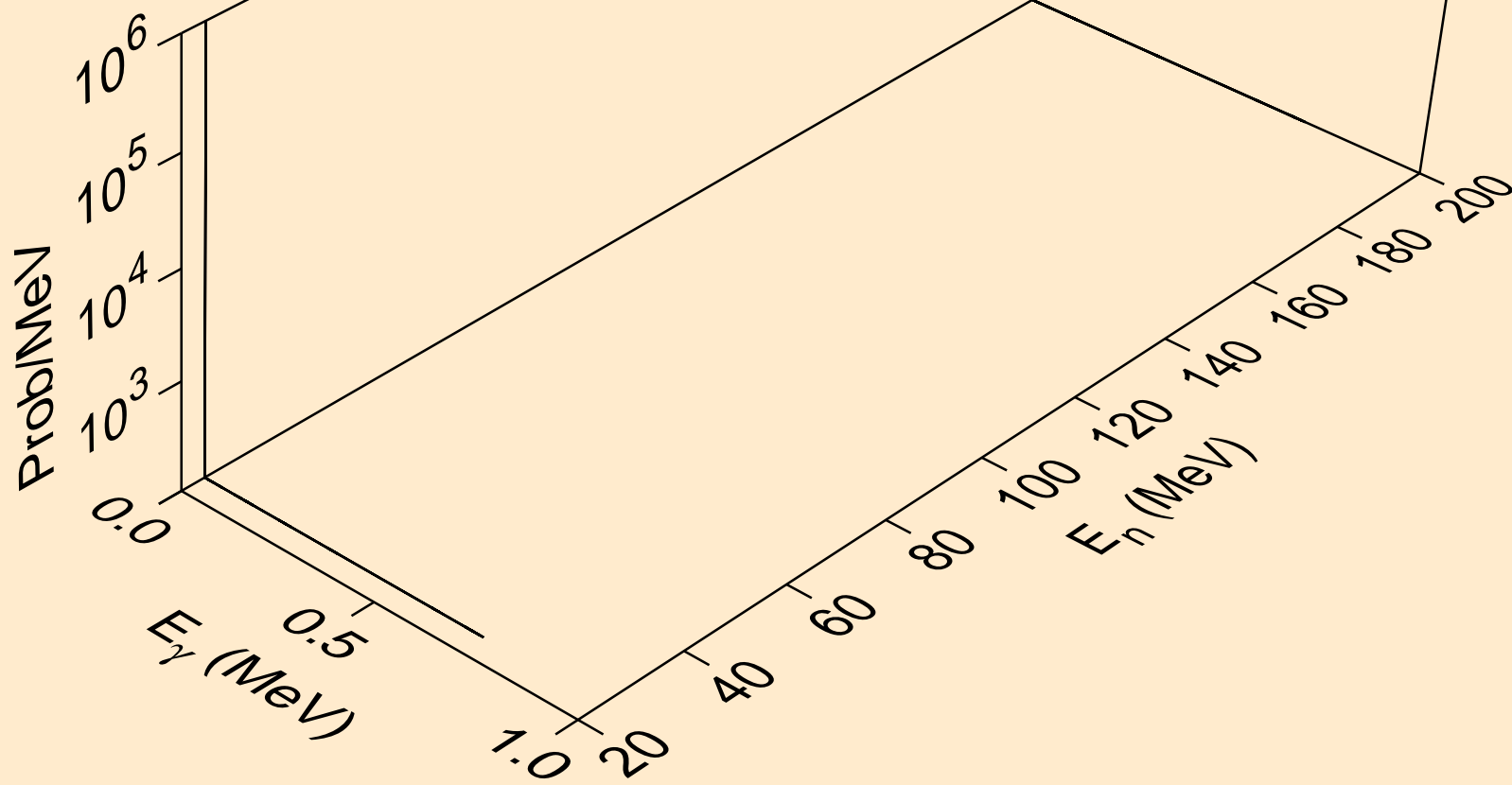
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



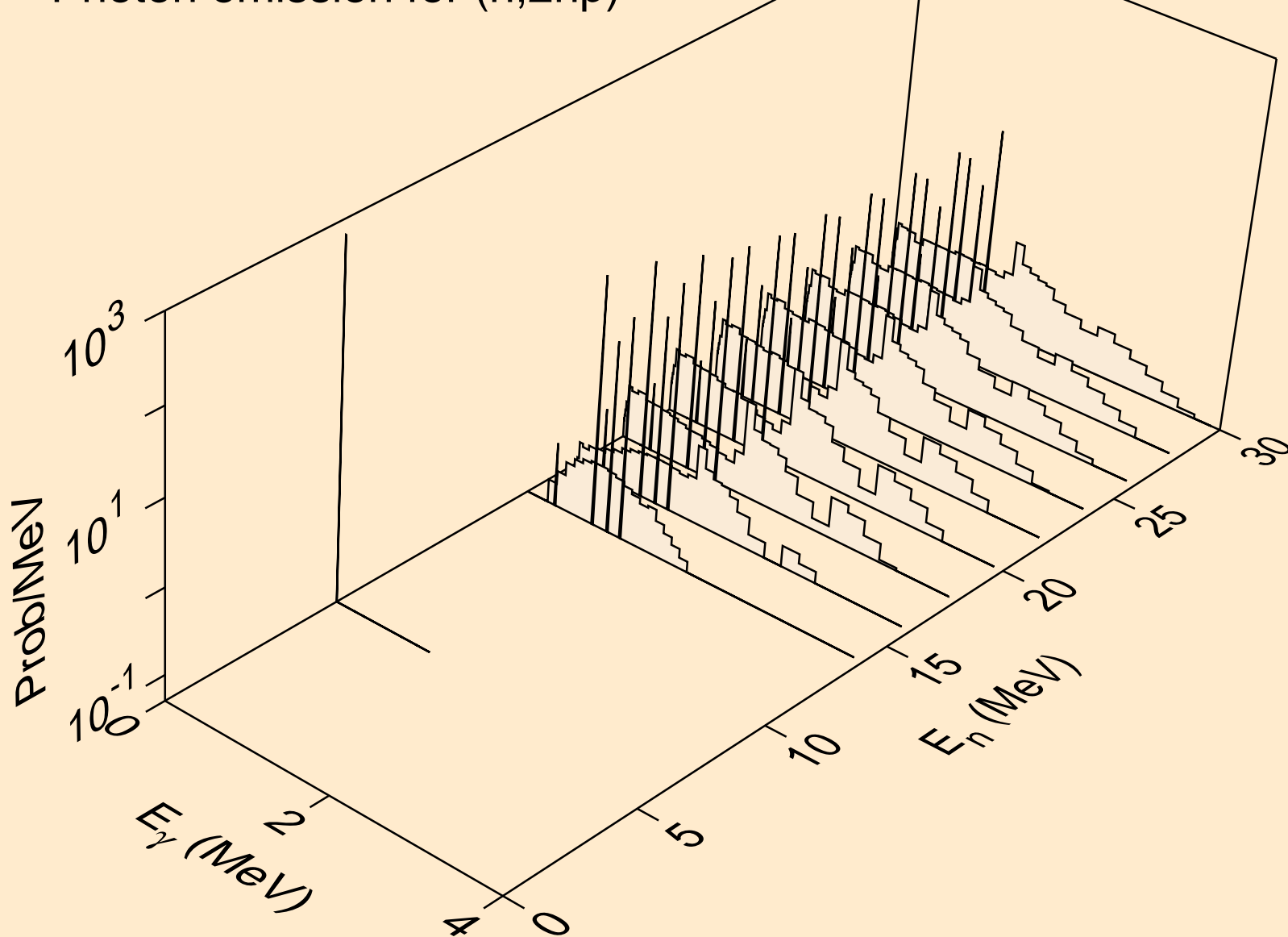
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



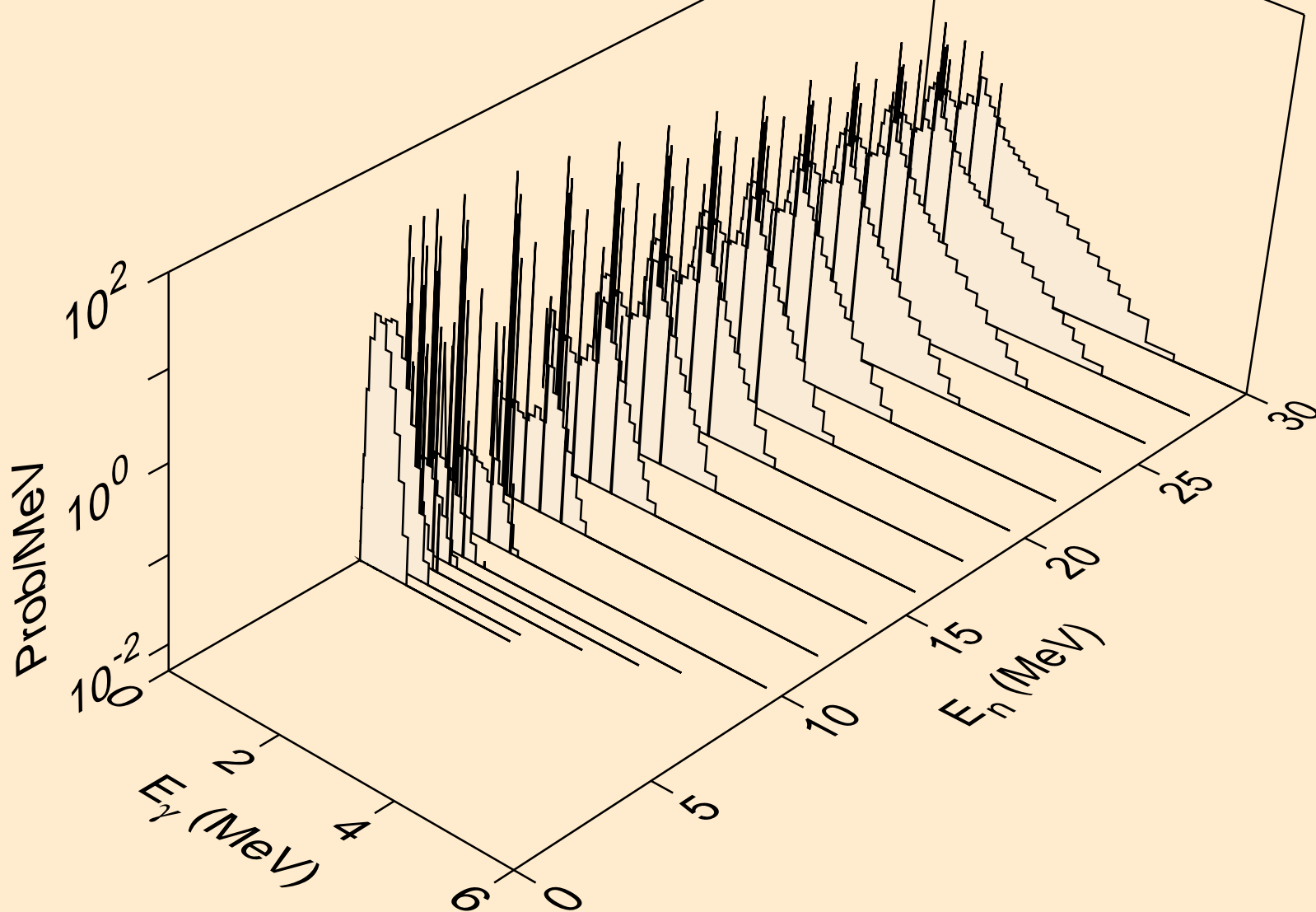
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



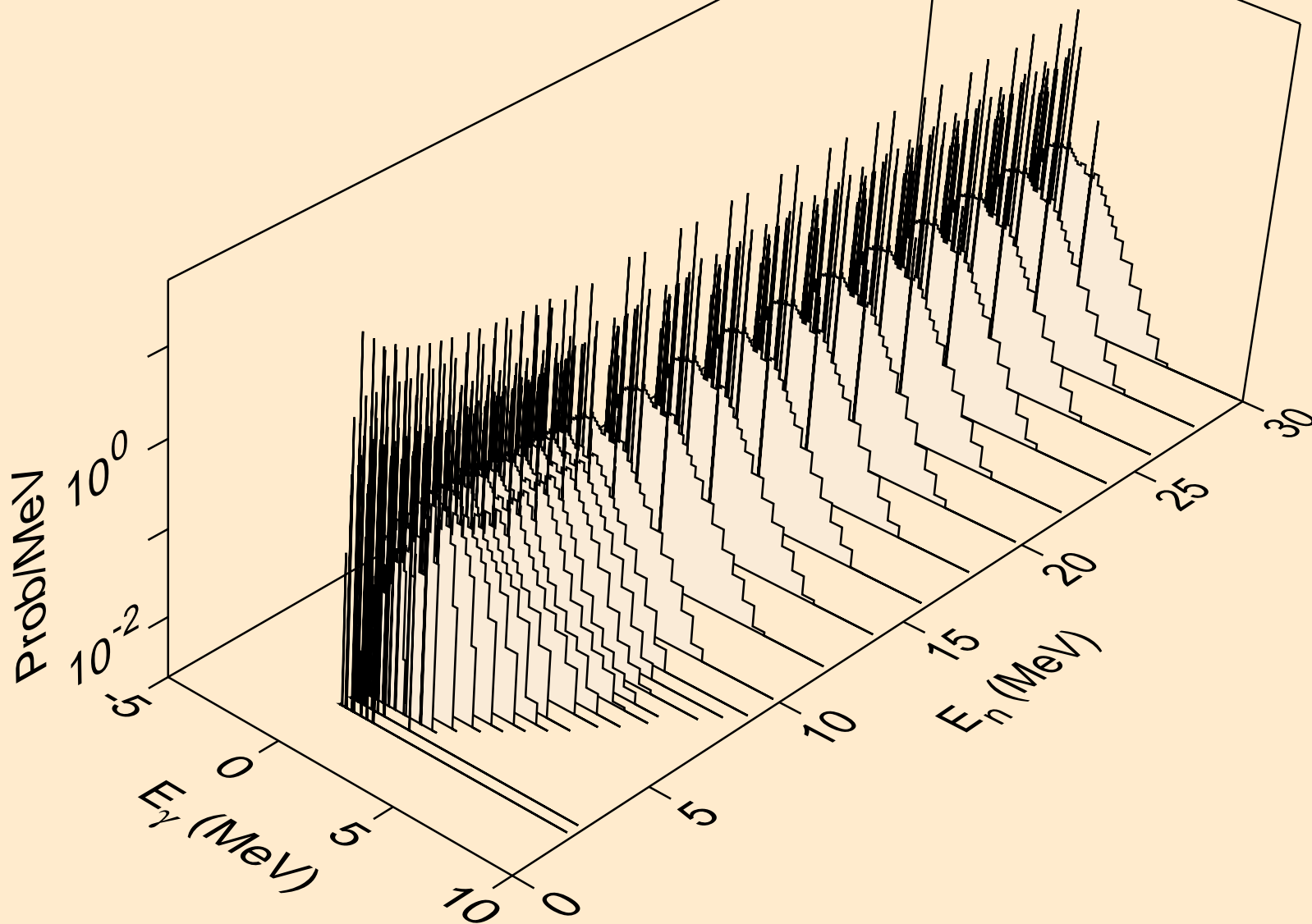
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



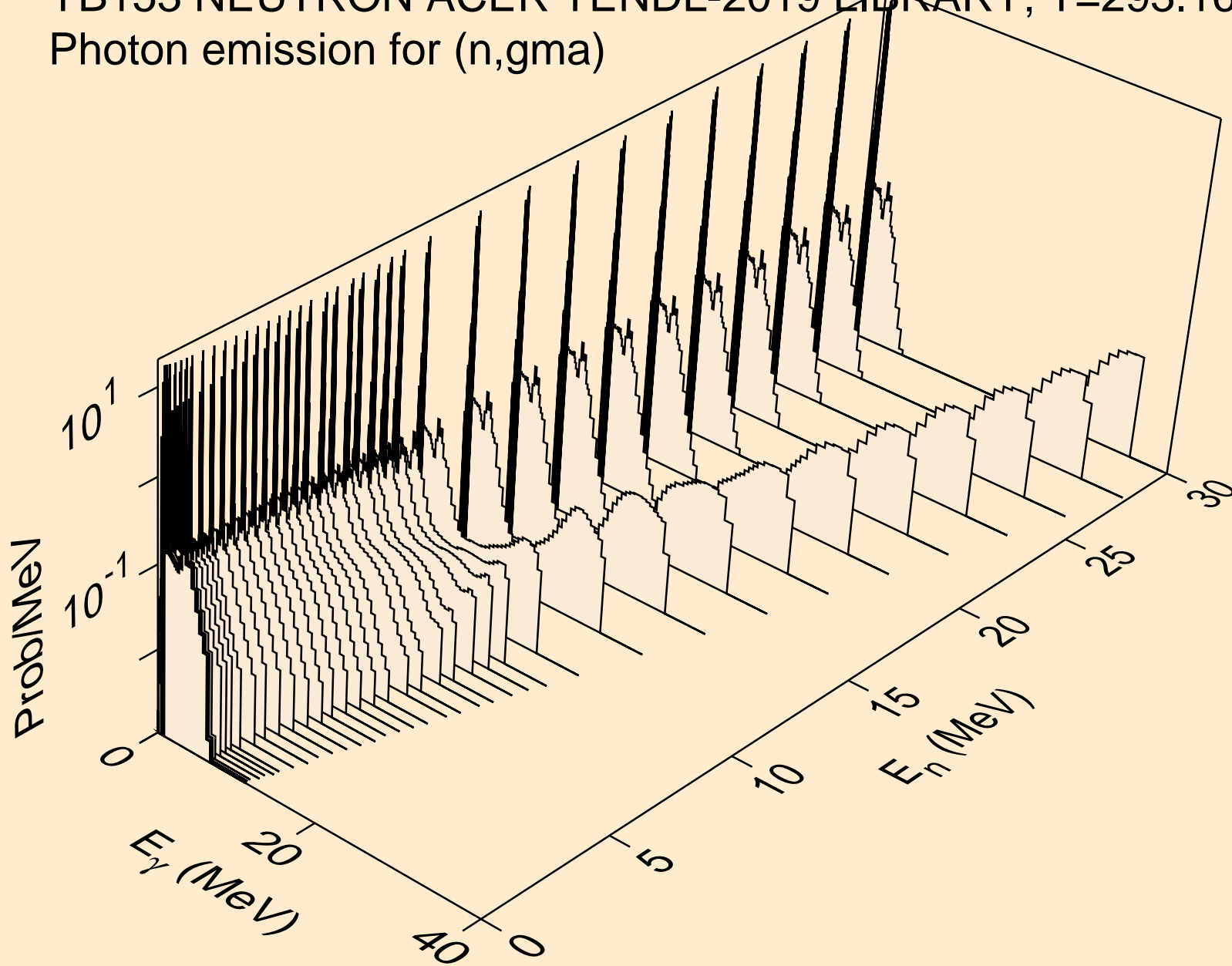
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



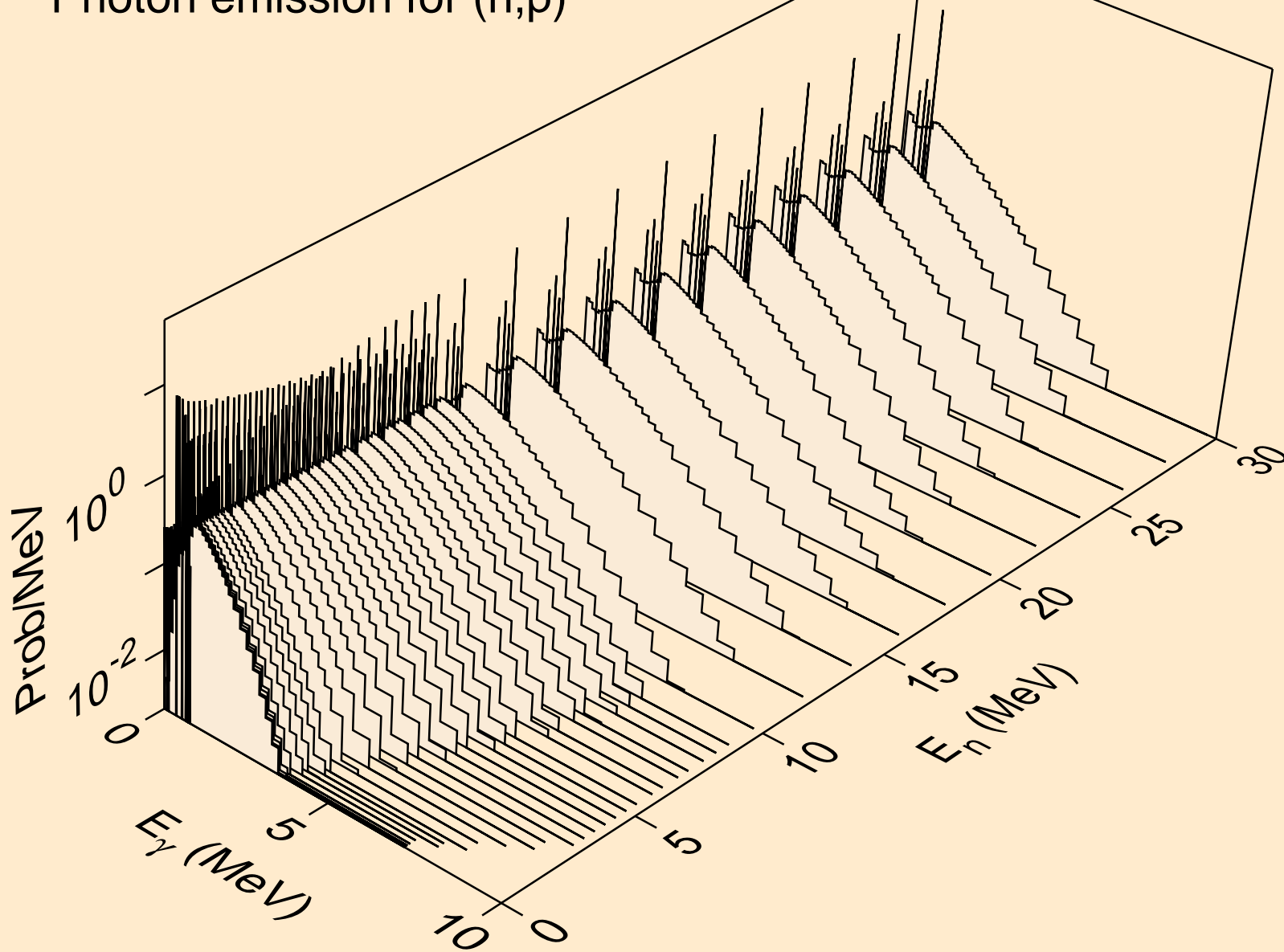
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



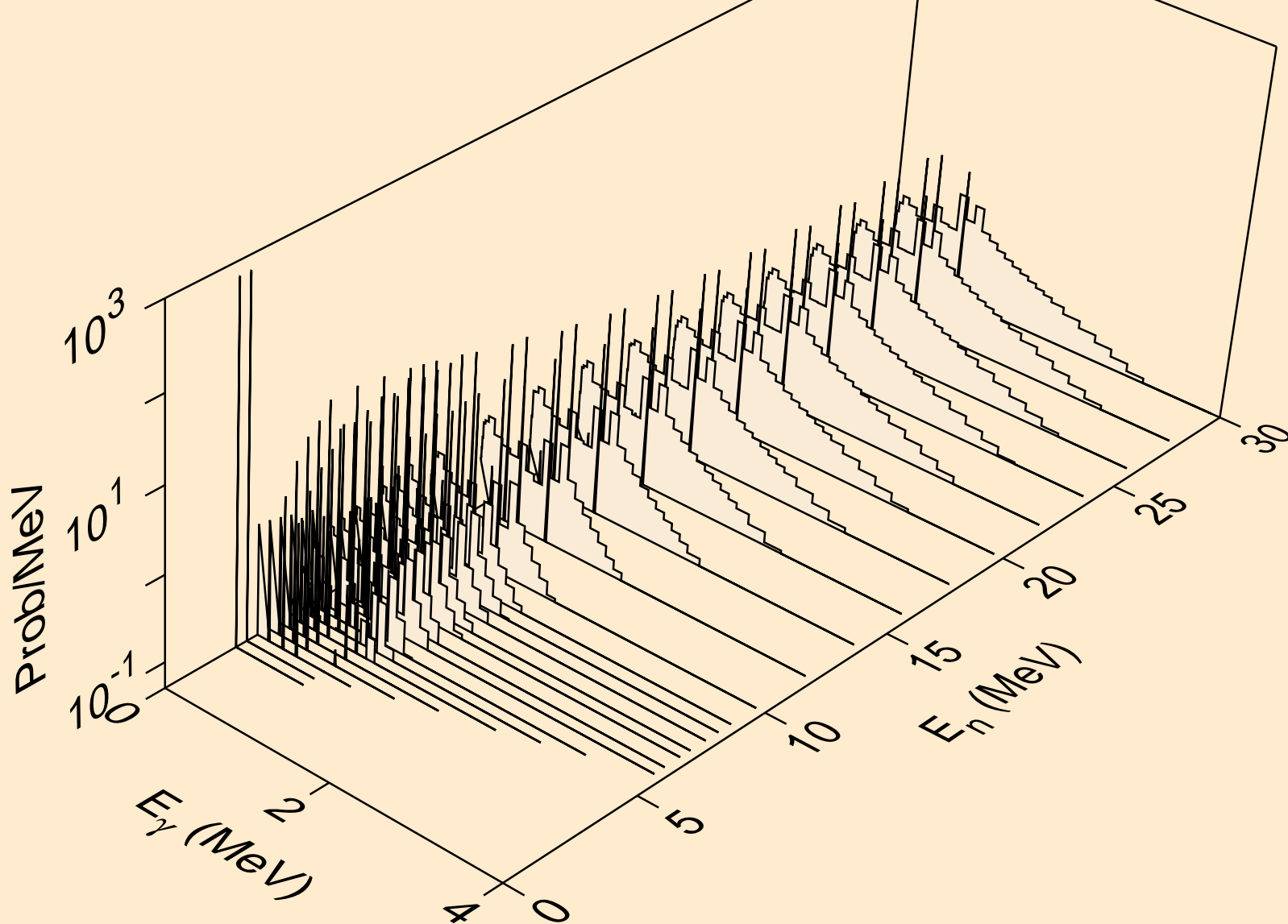
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



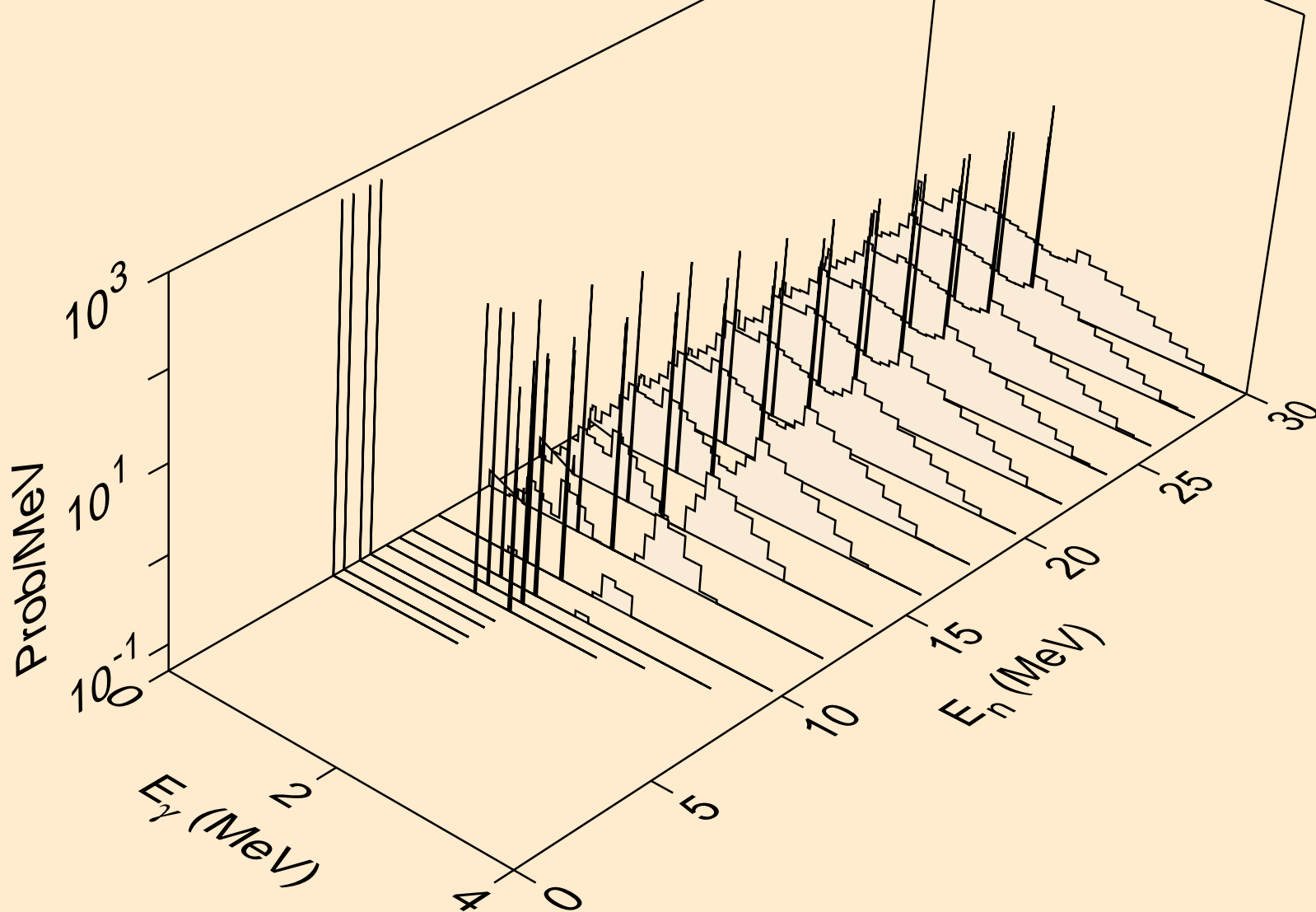
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



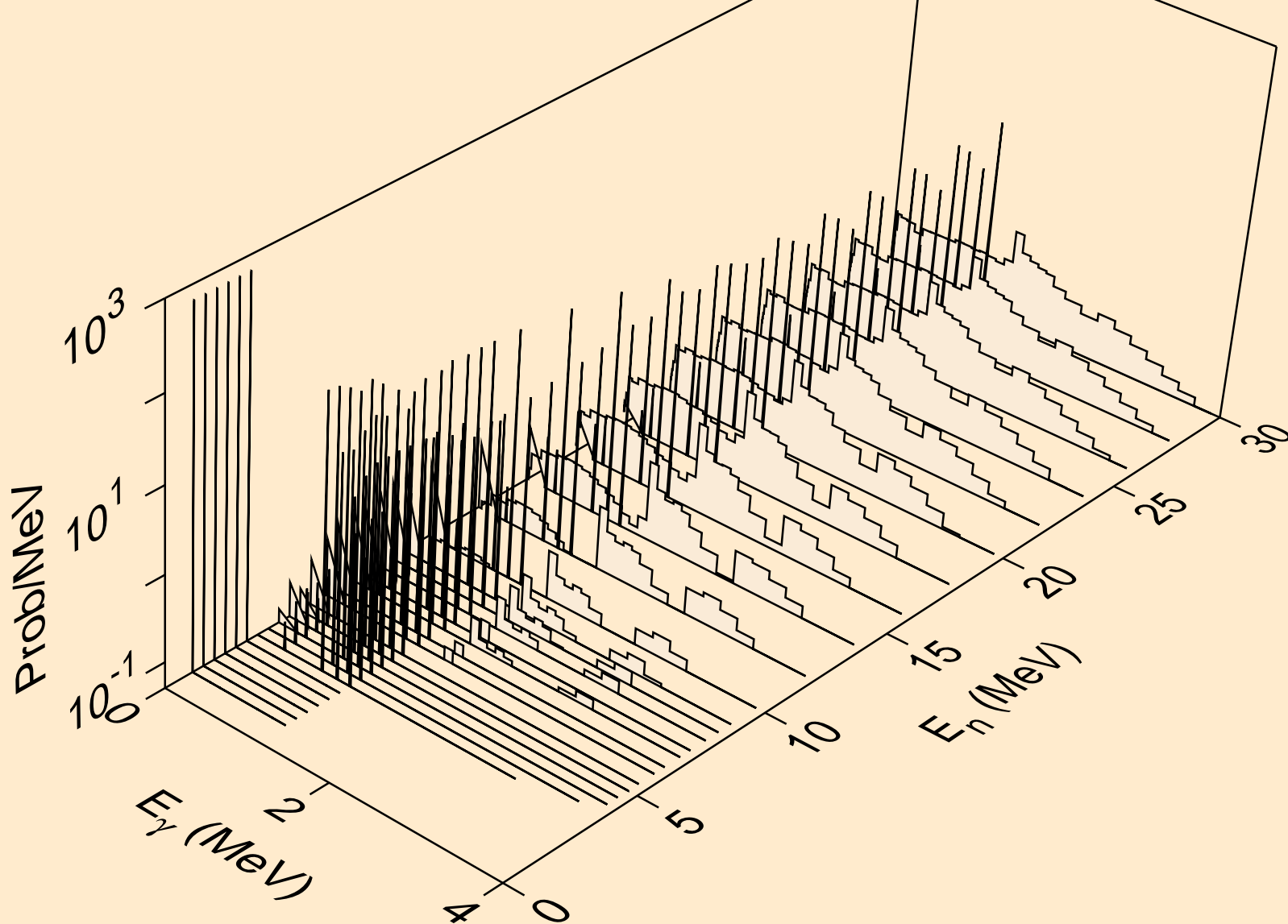
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



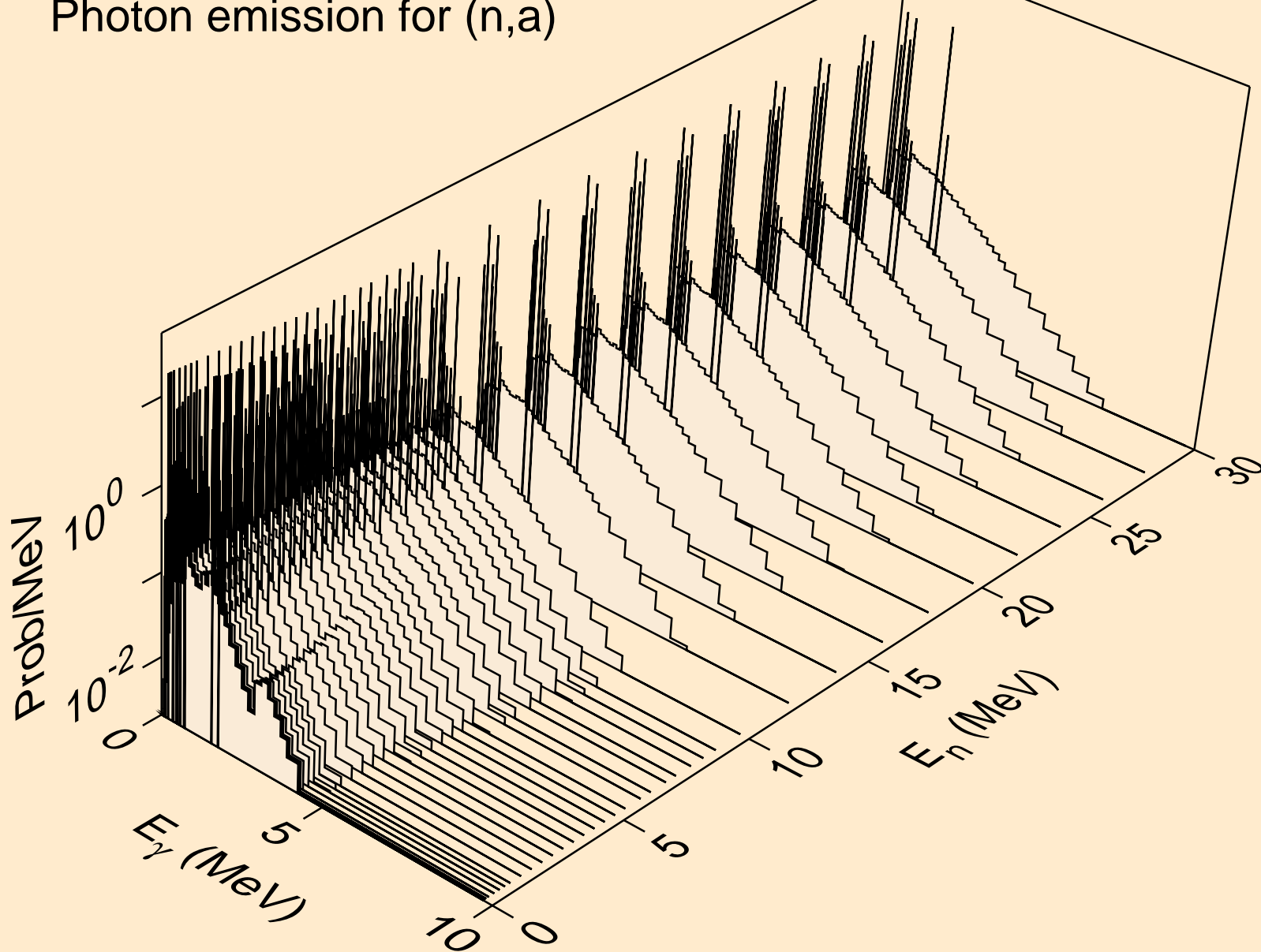
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



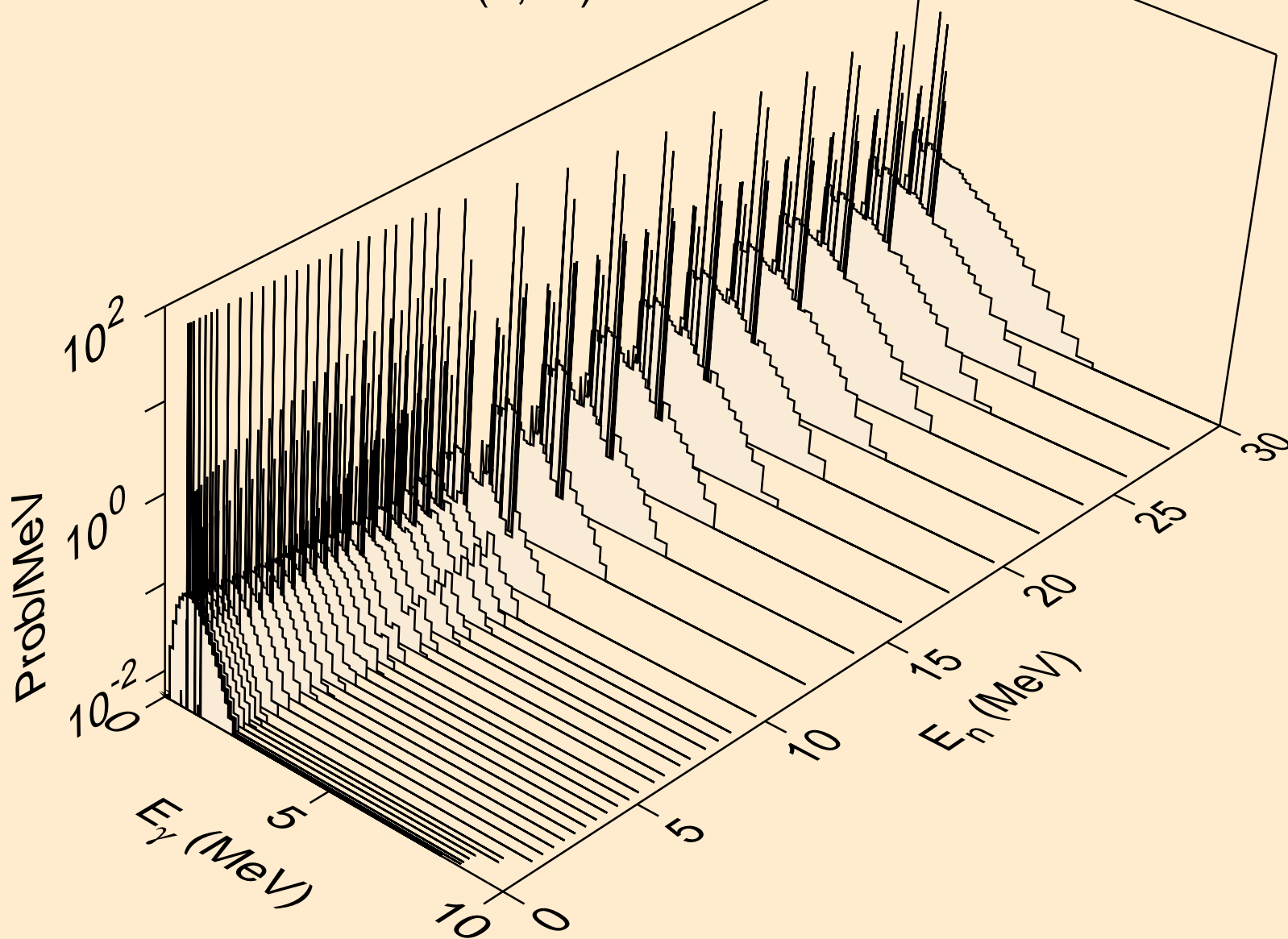
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



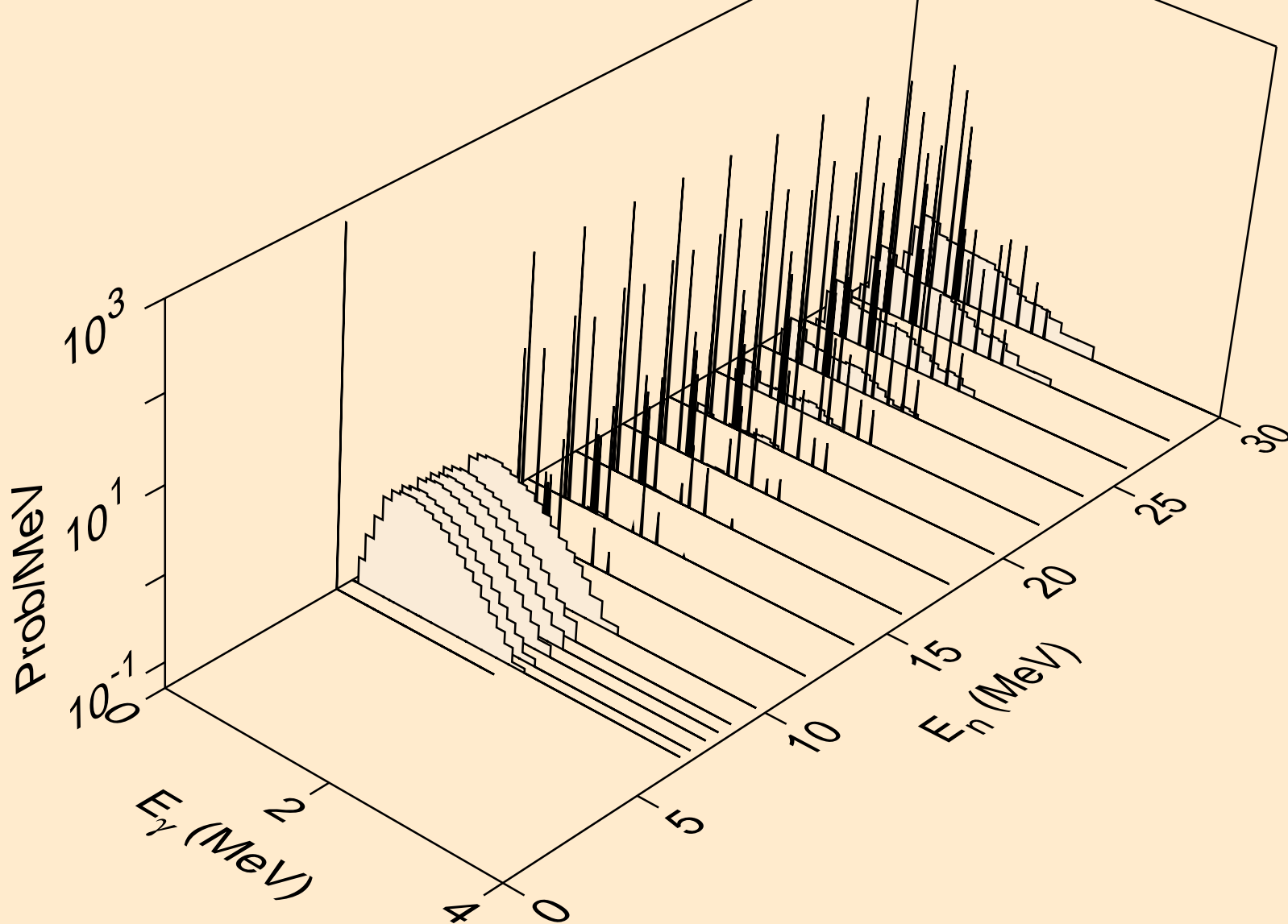
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



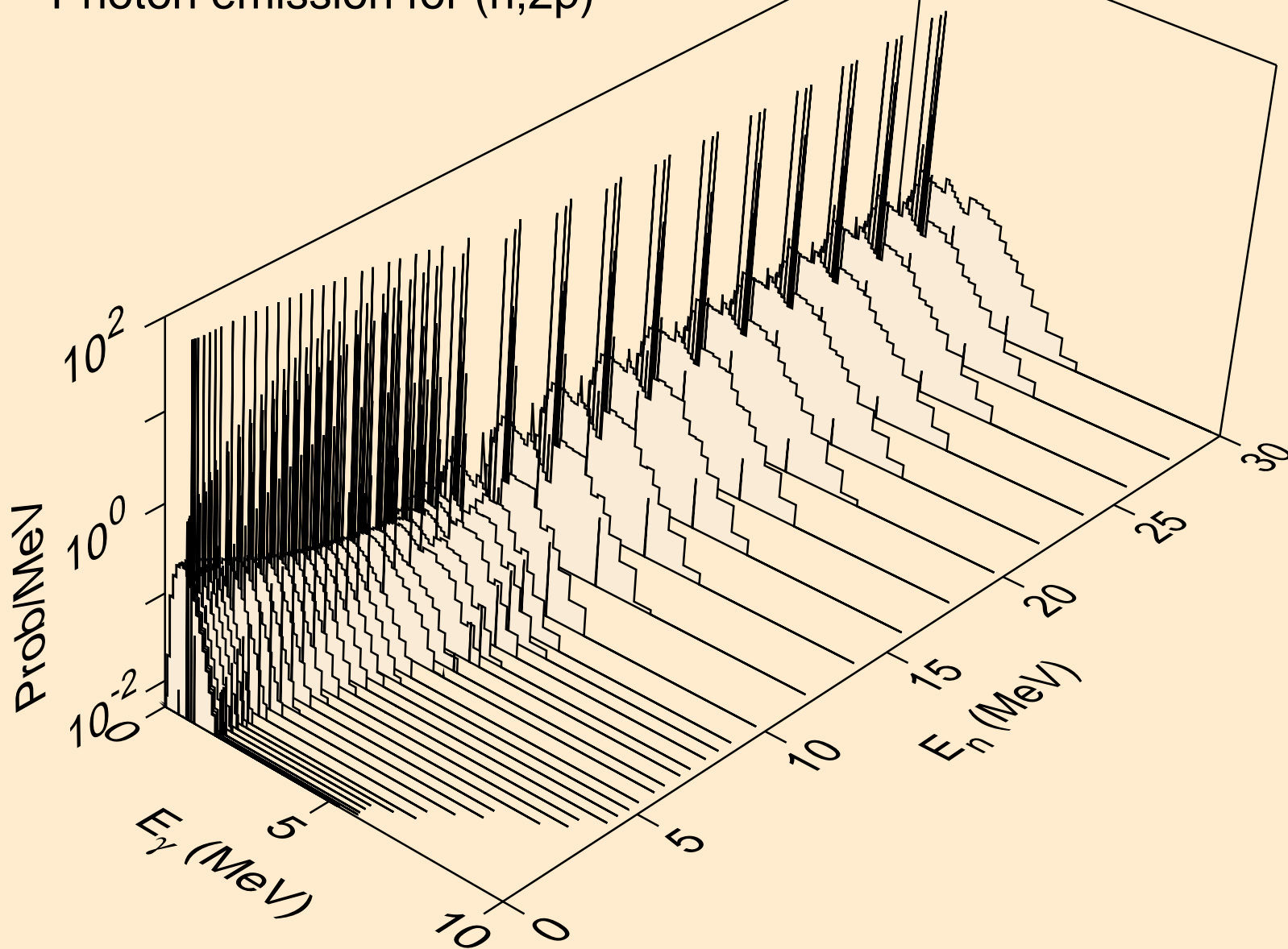
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



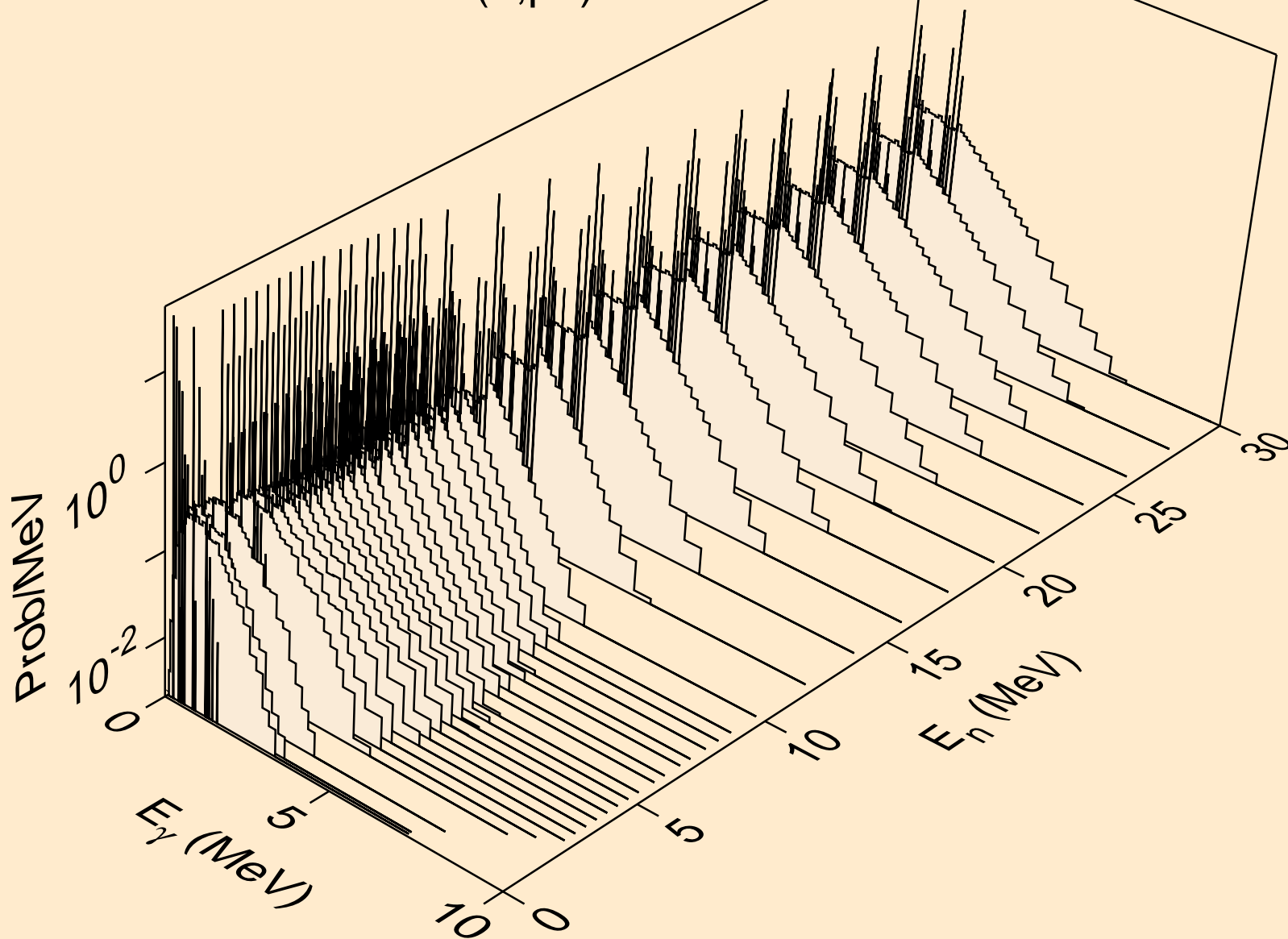
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



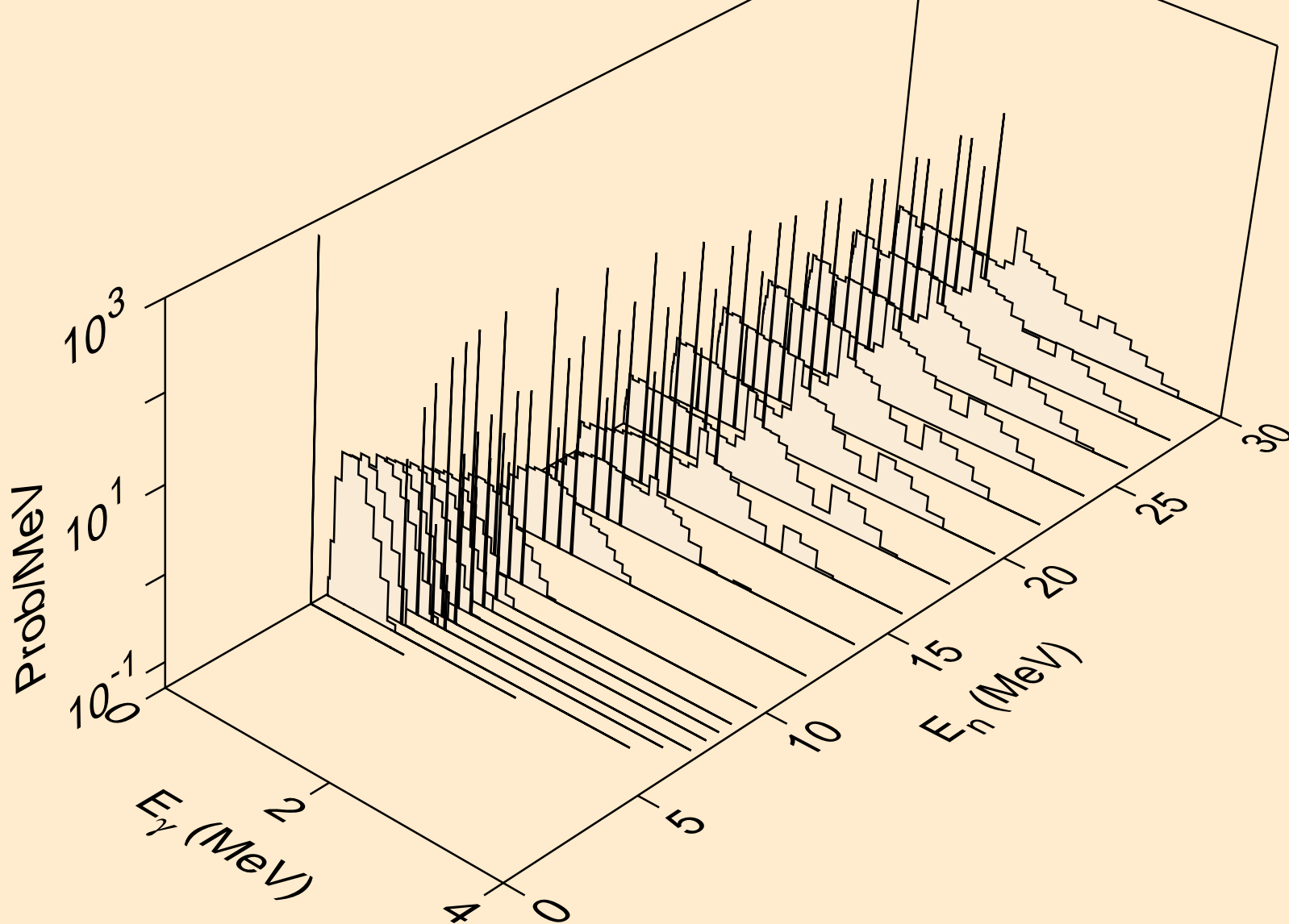
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



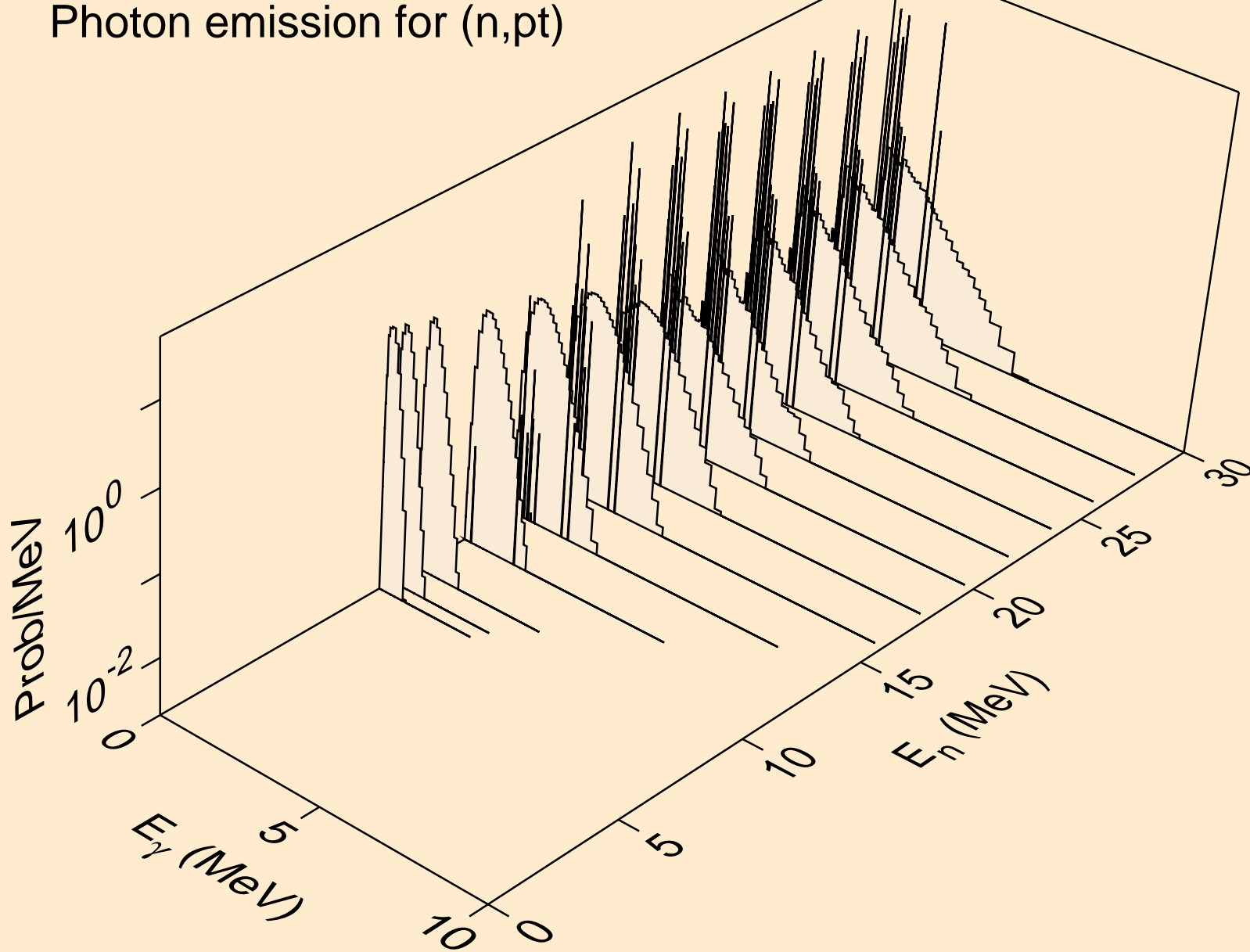
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



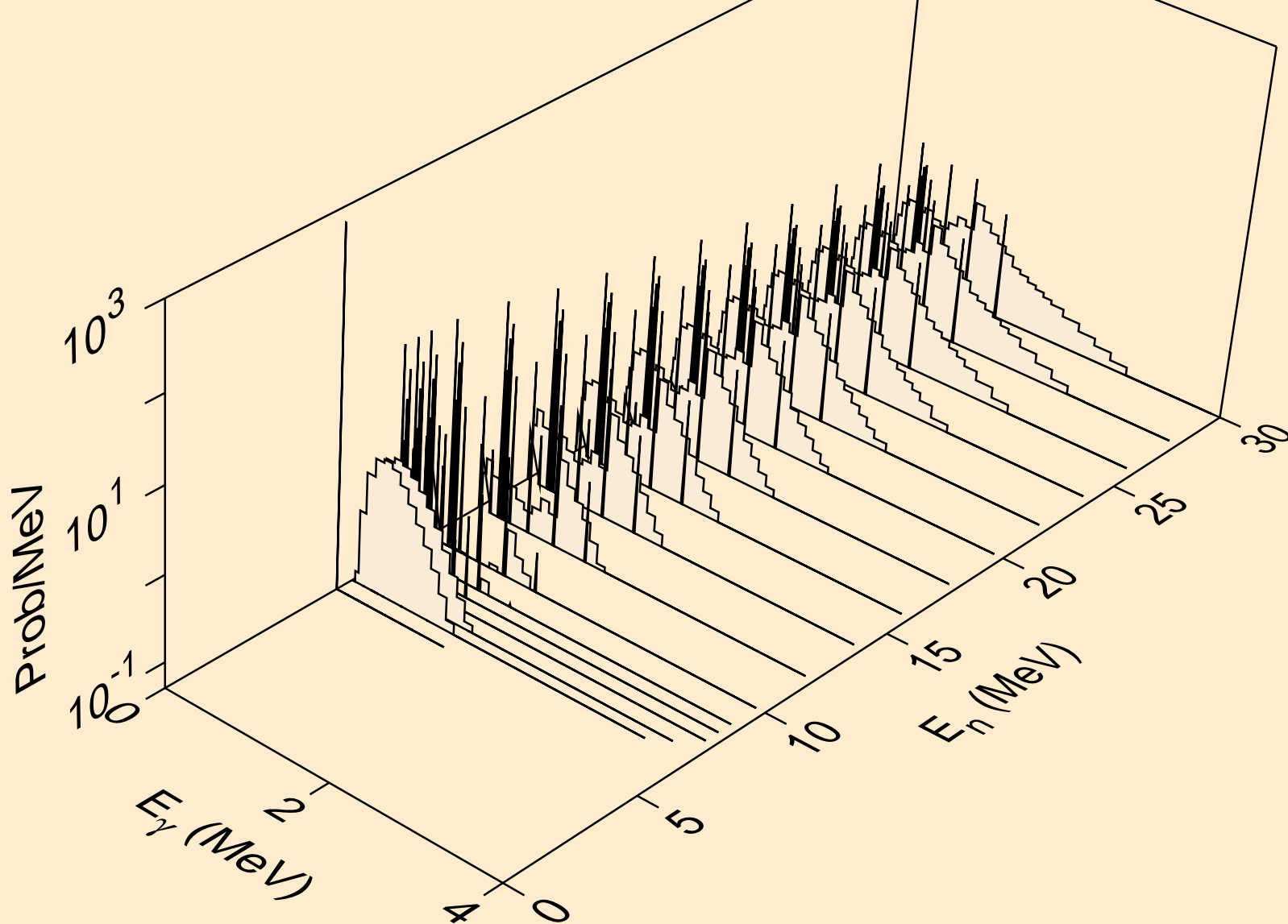
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



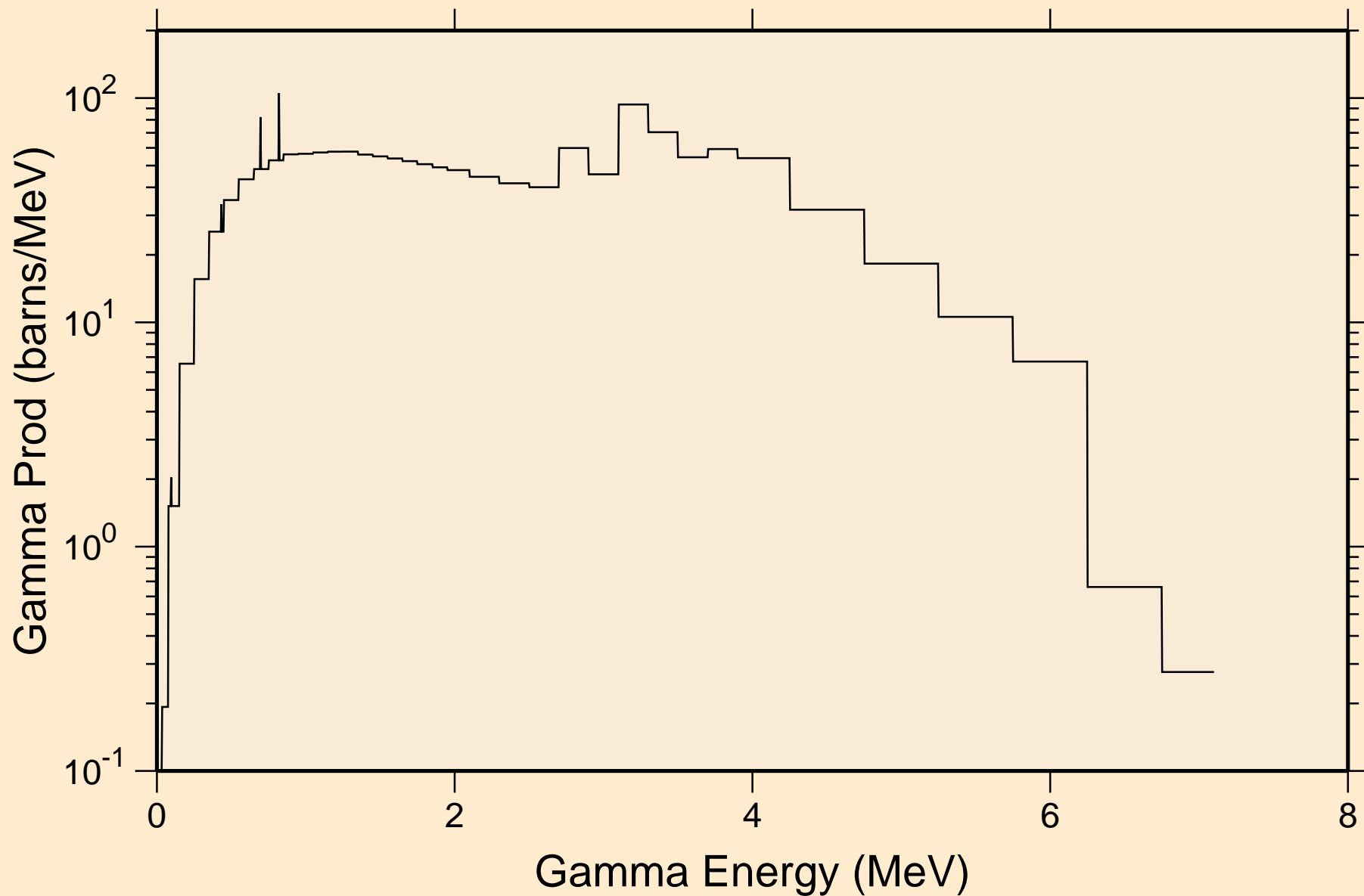
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



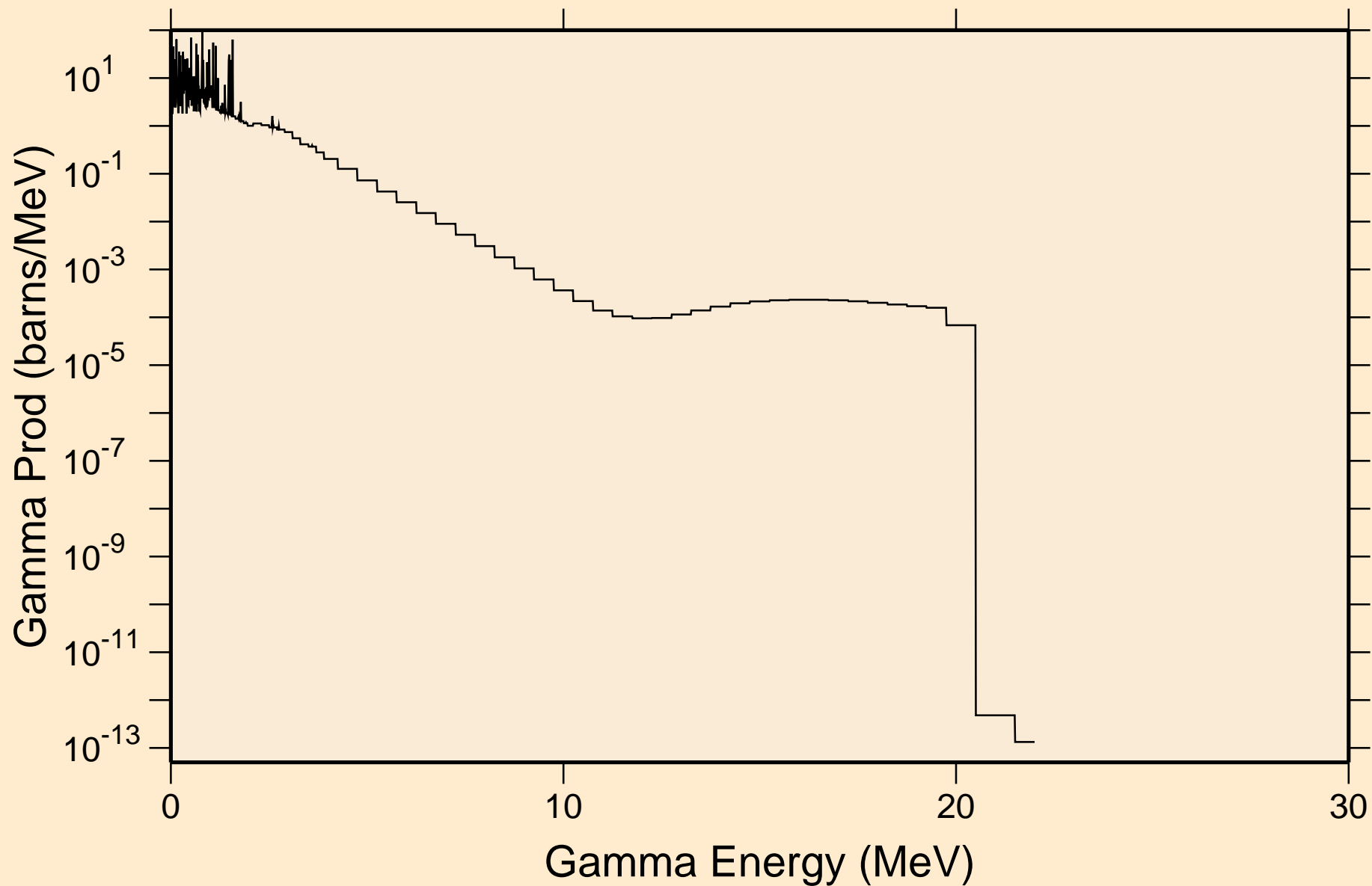
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

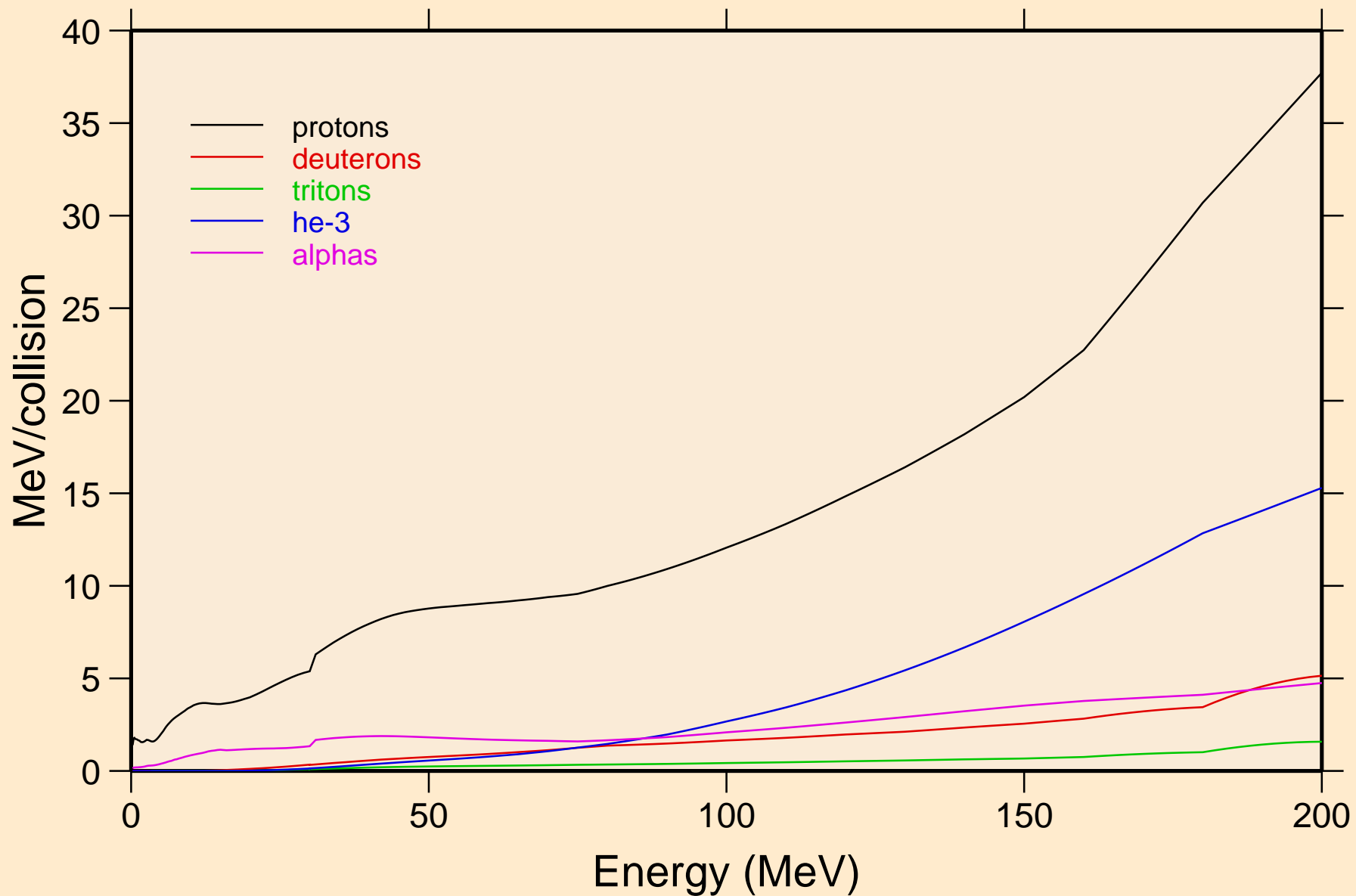


YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

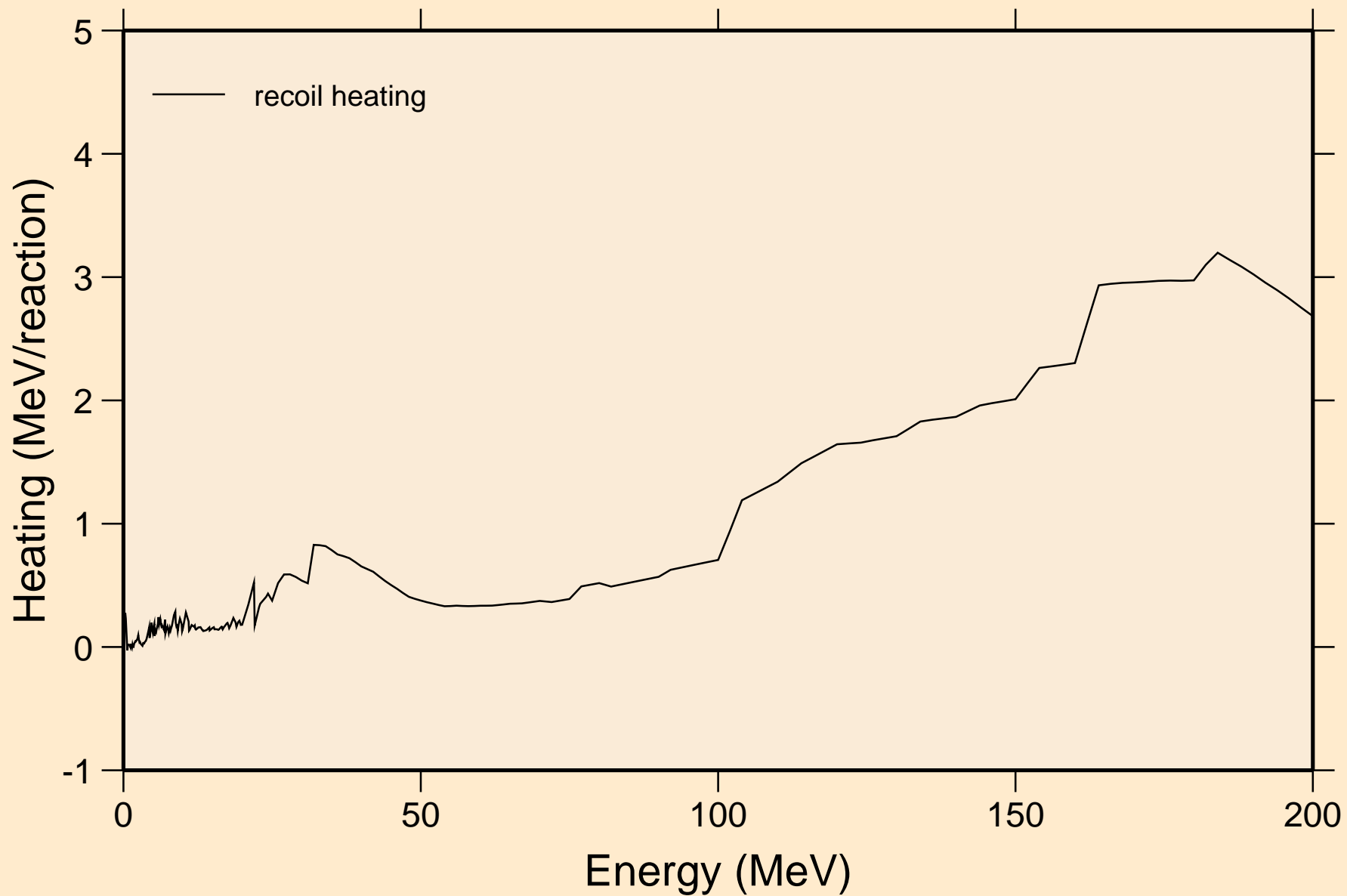


YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

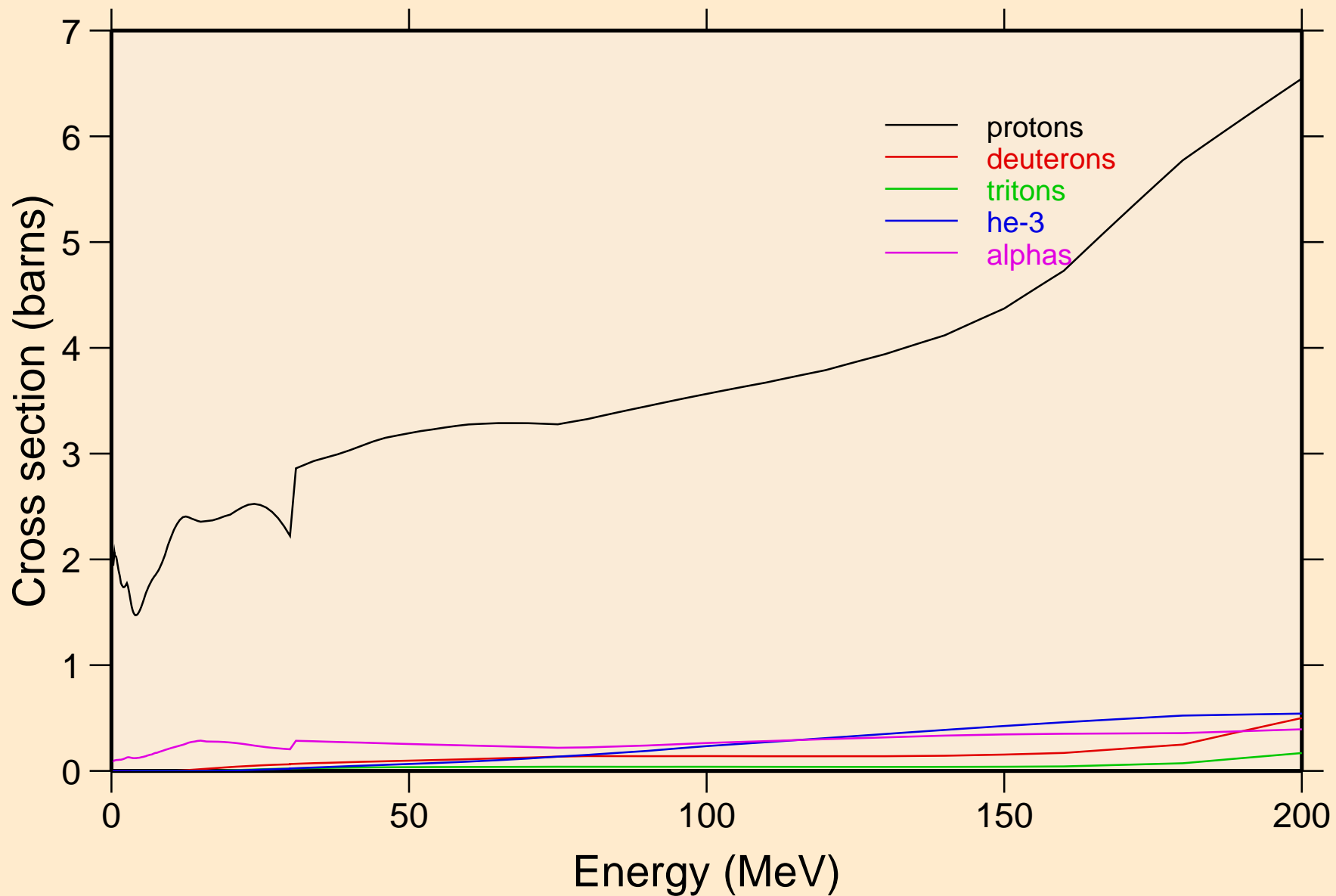
Particle heating contributions



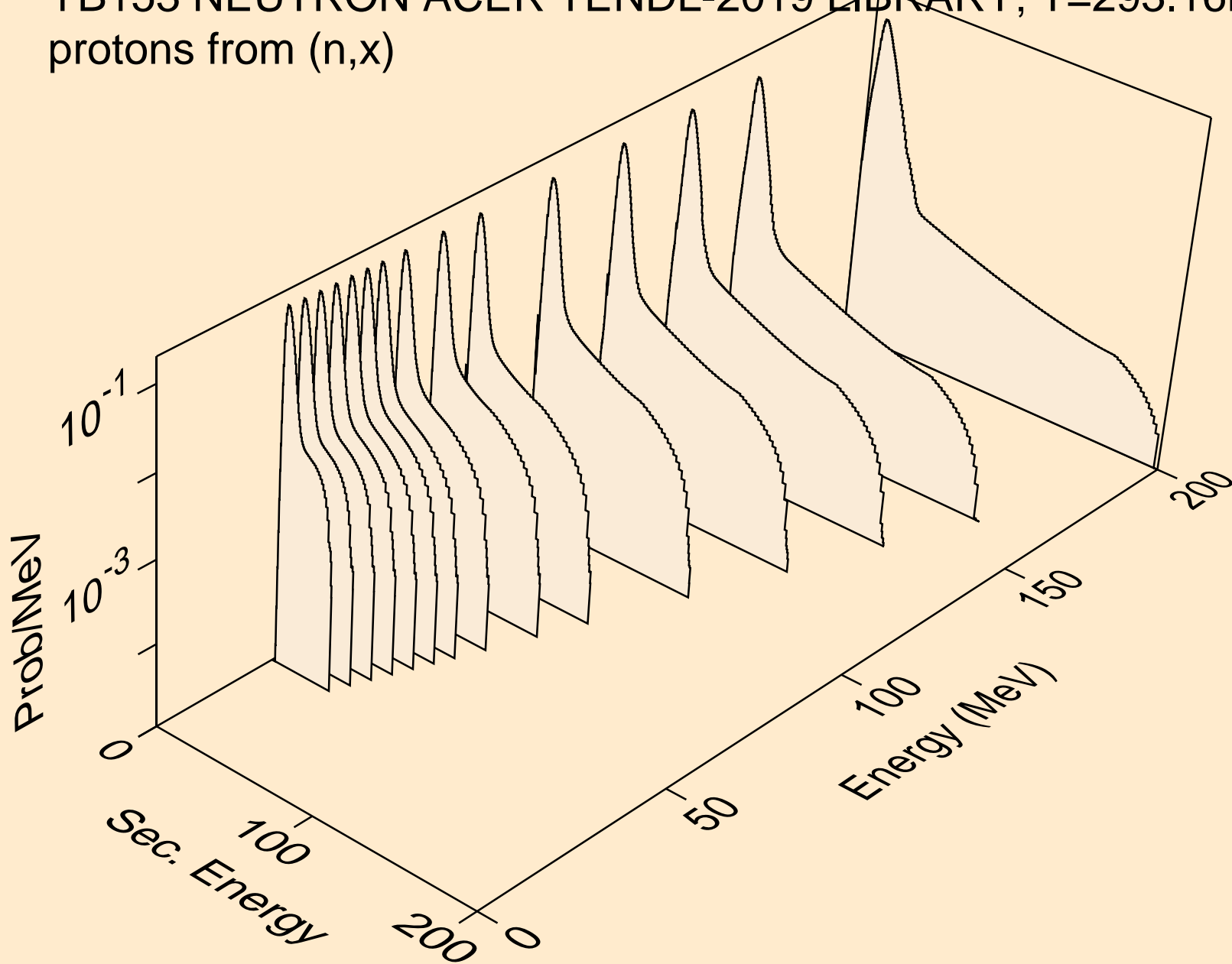
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



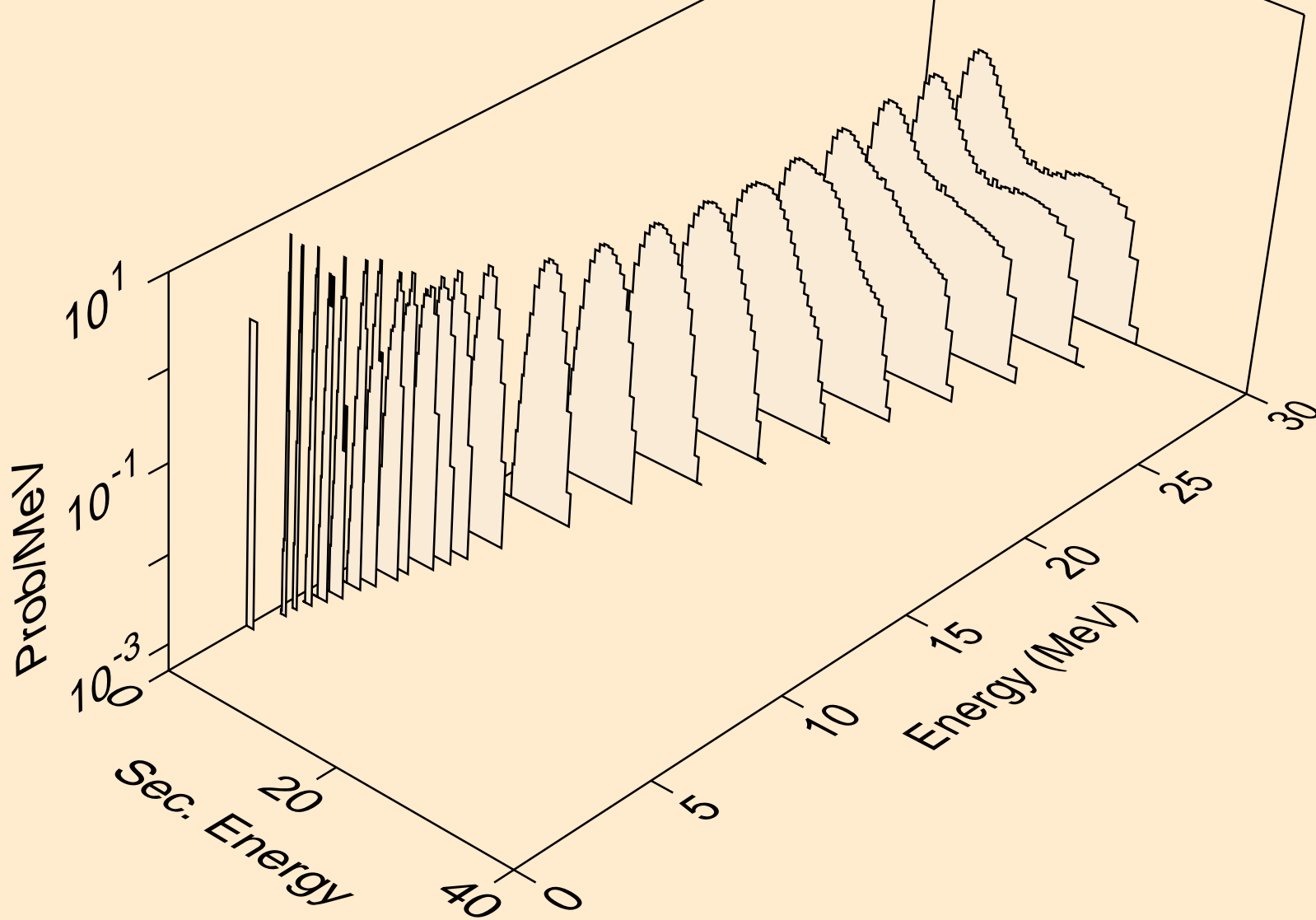
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



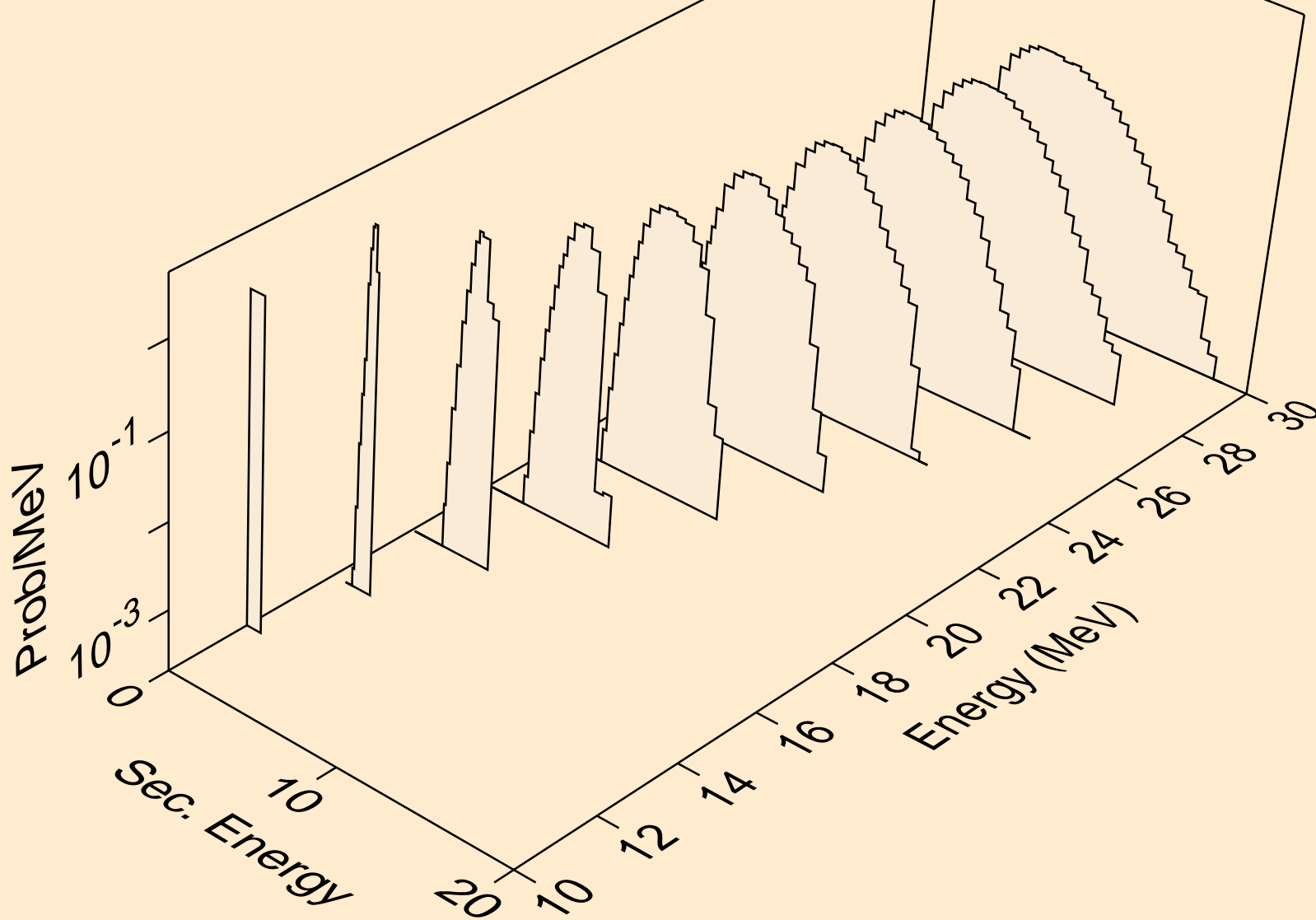
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



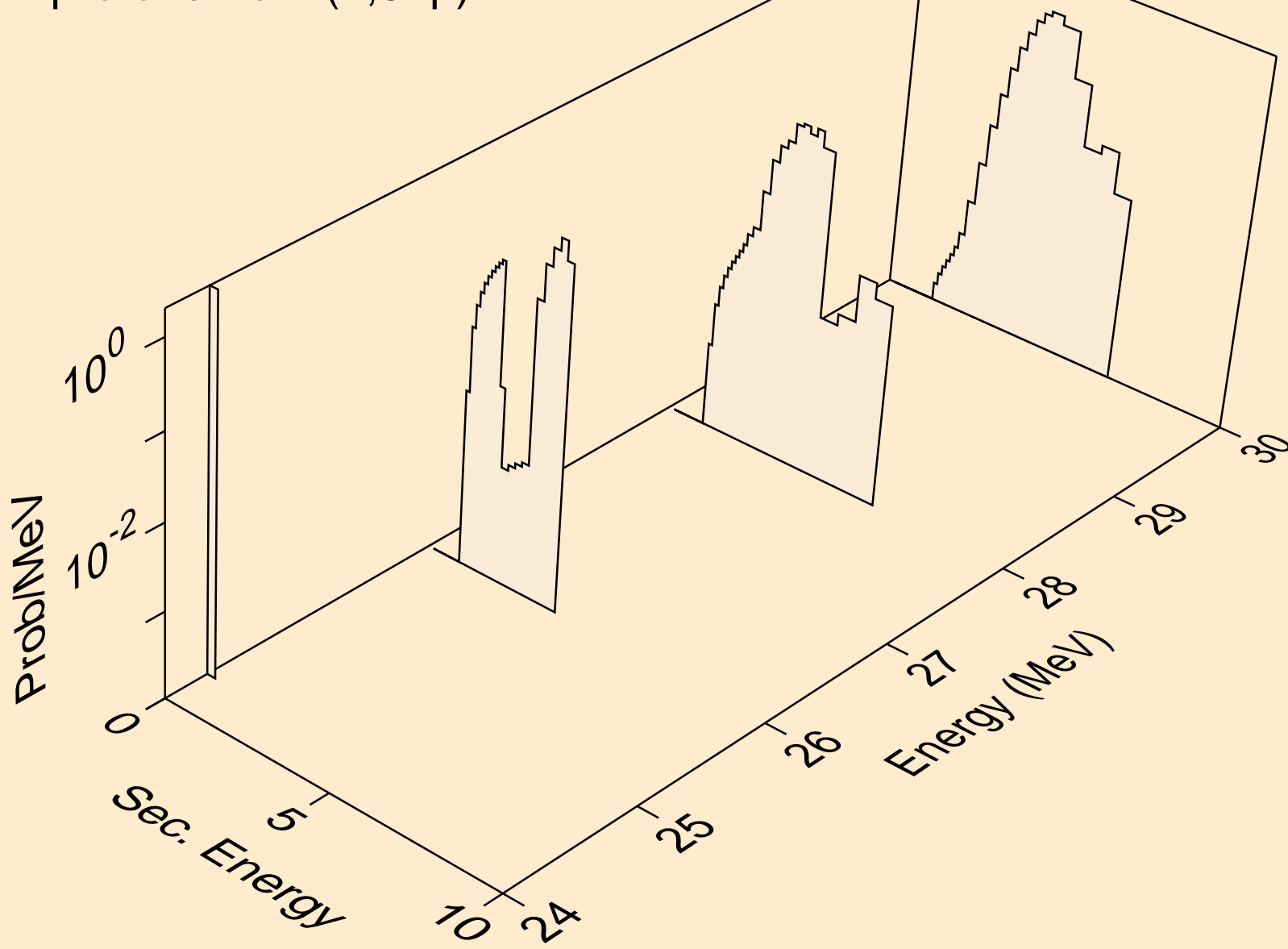
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



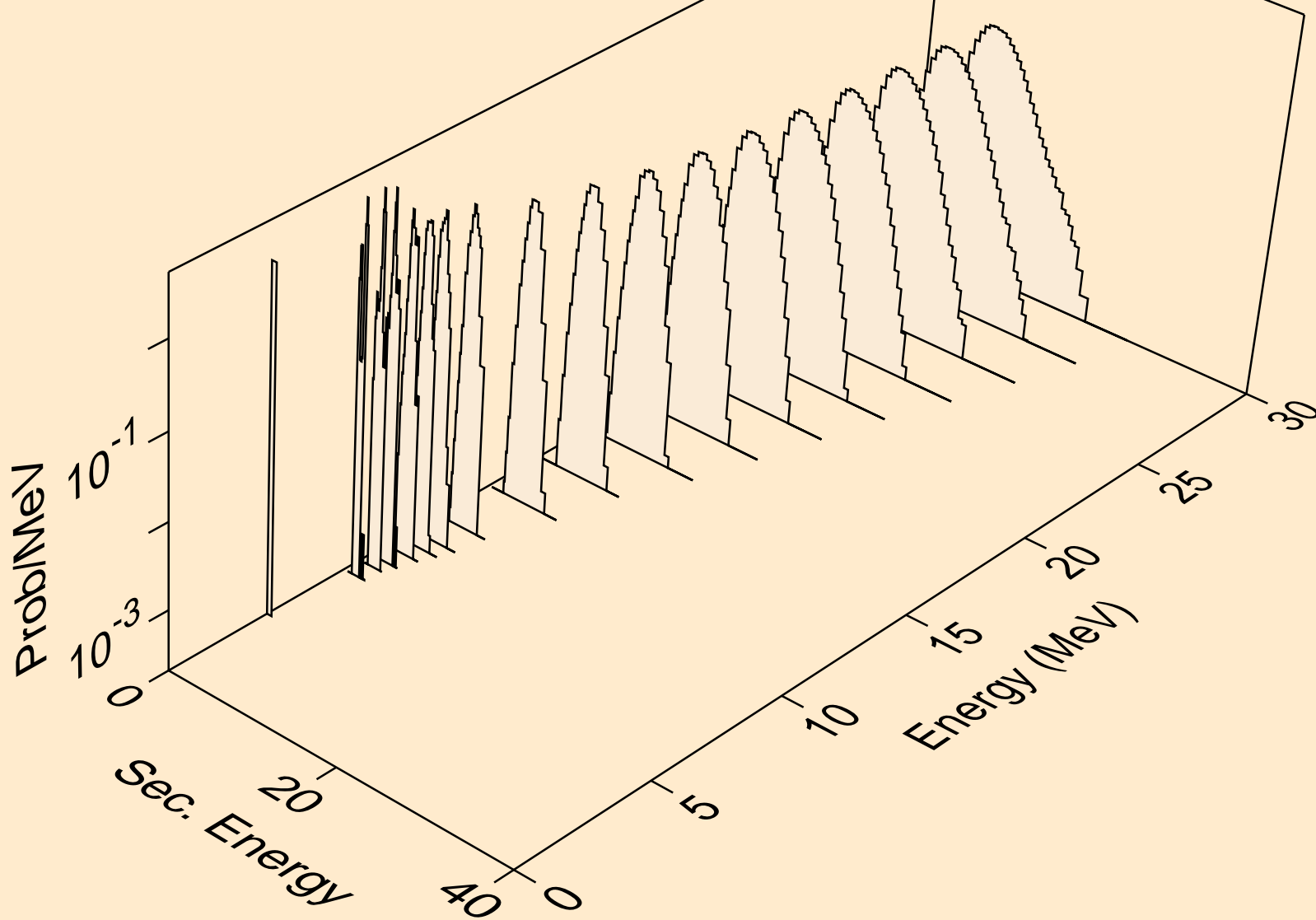
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



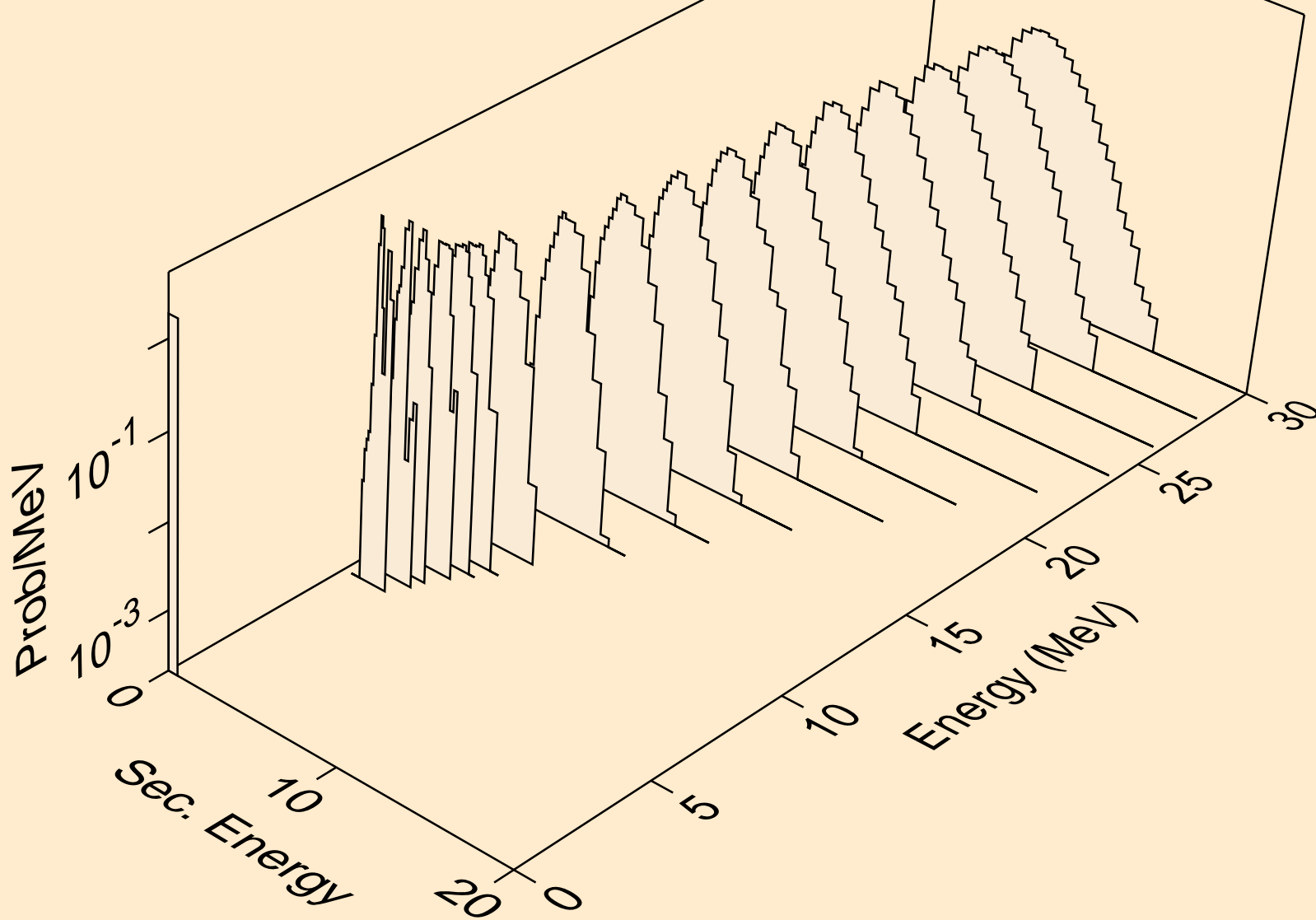
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



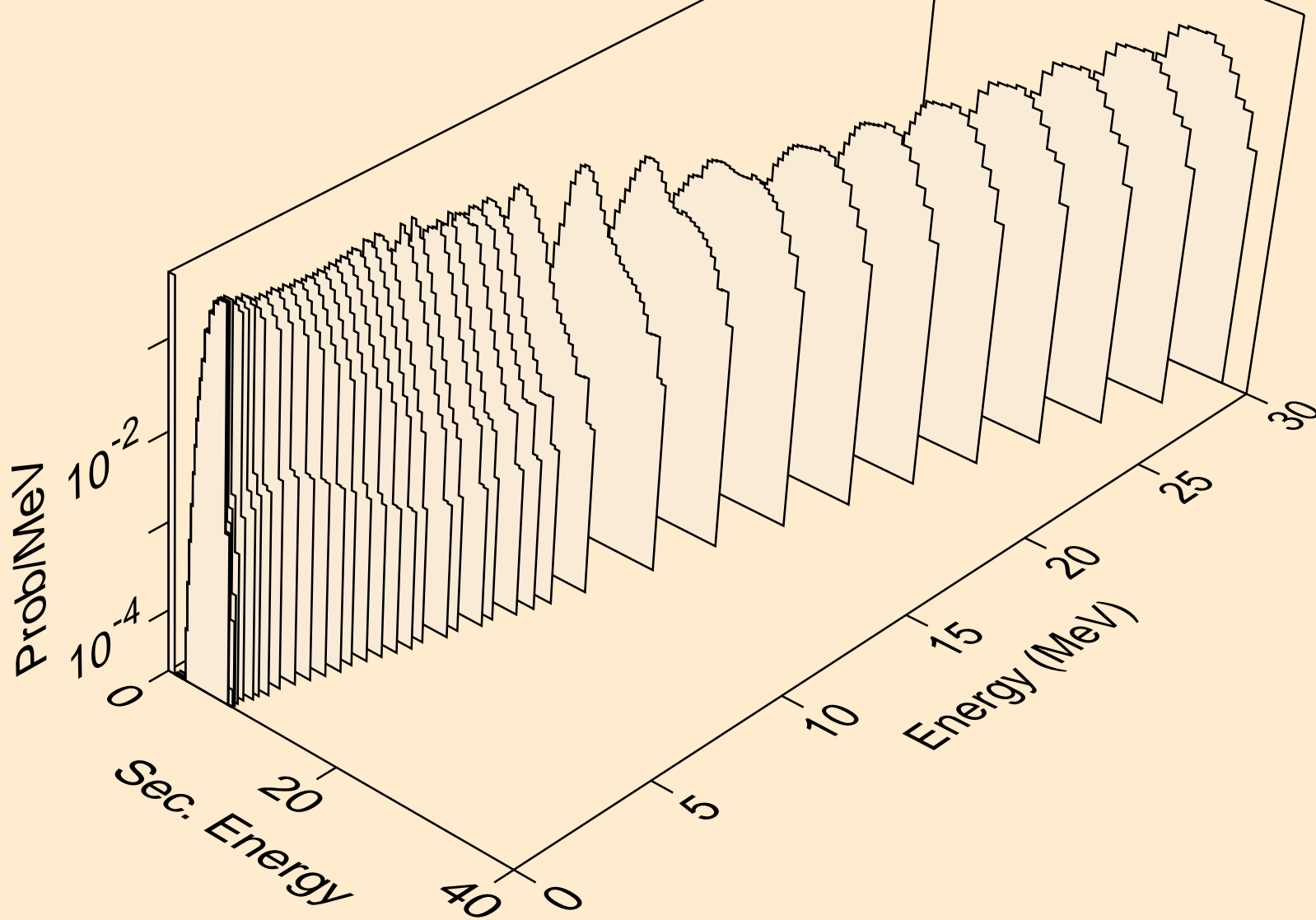
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



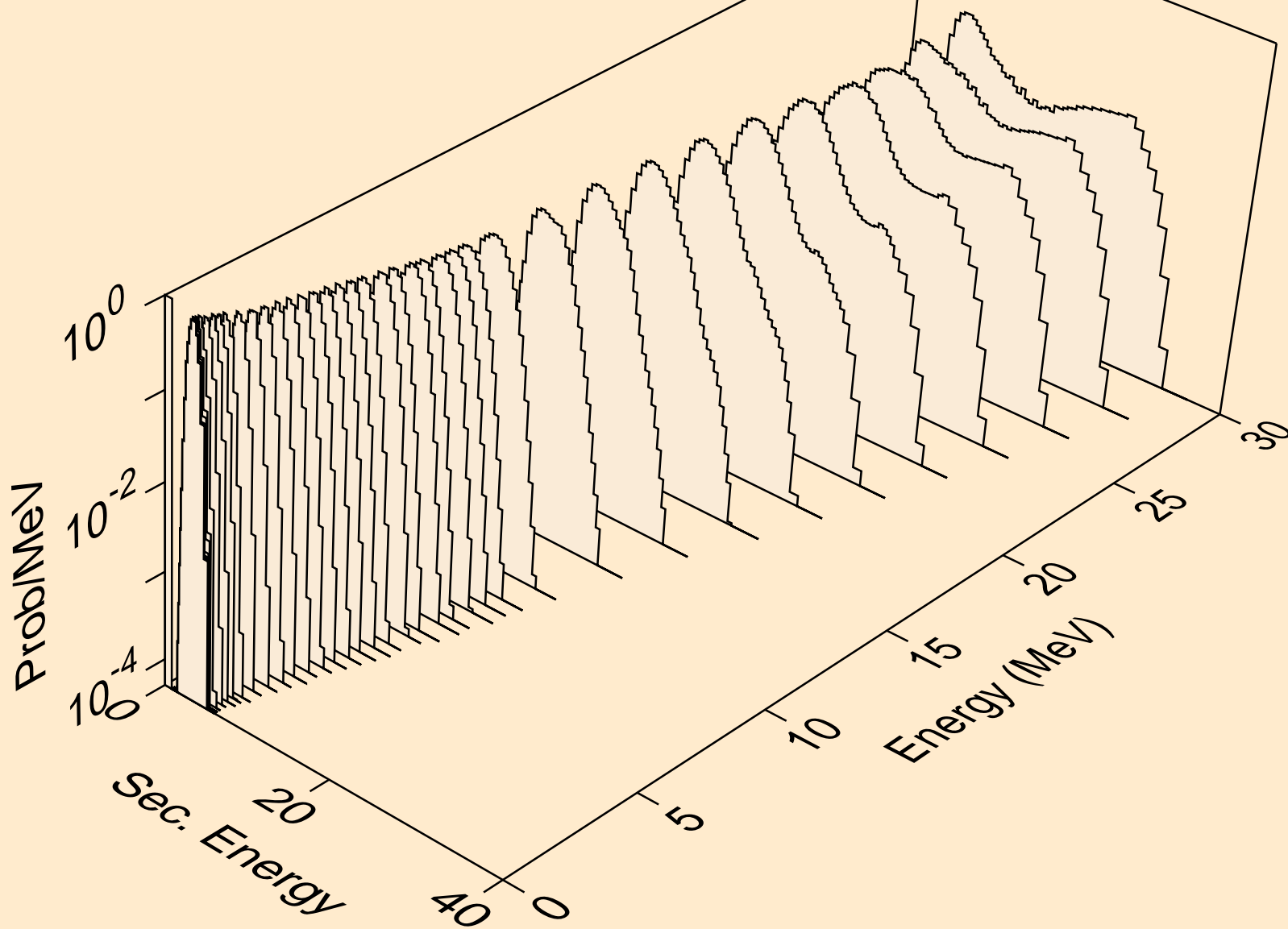
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



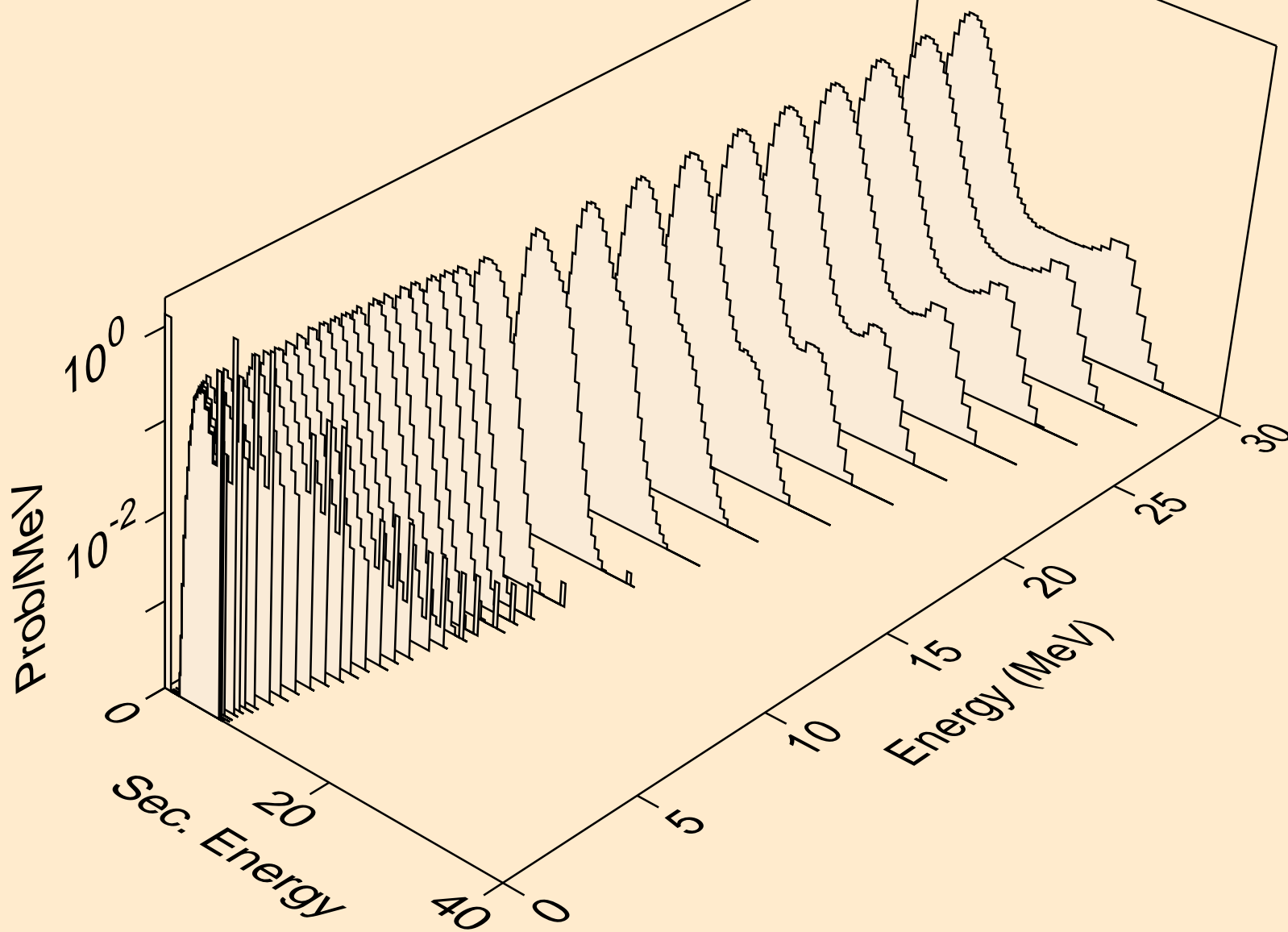
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



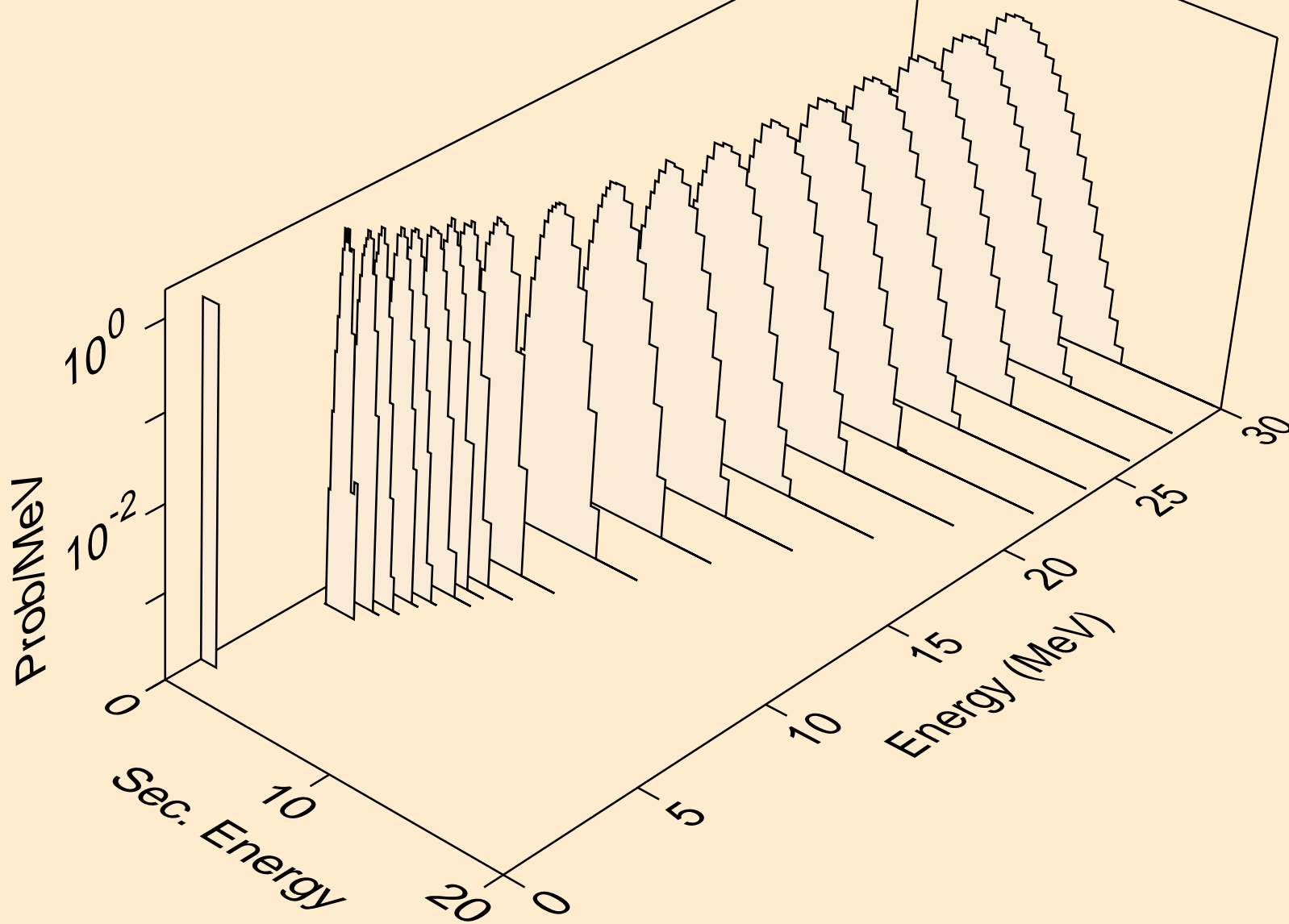
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



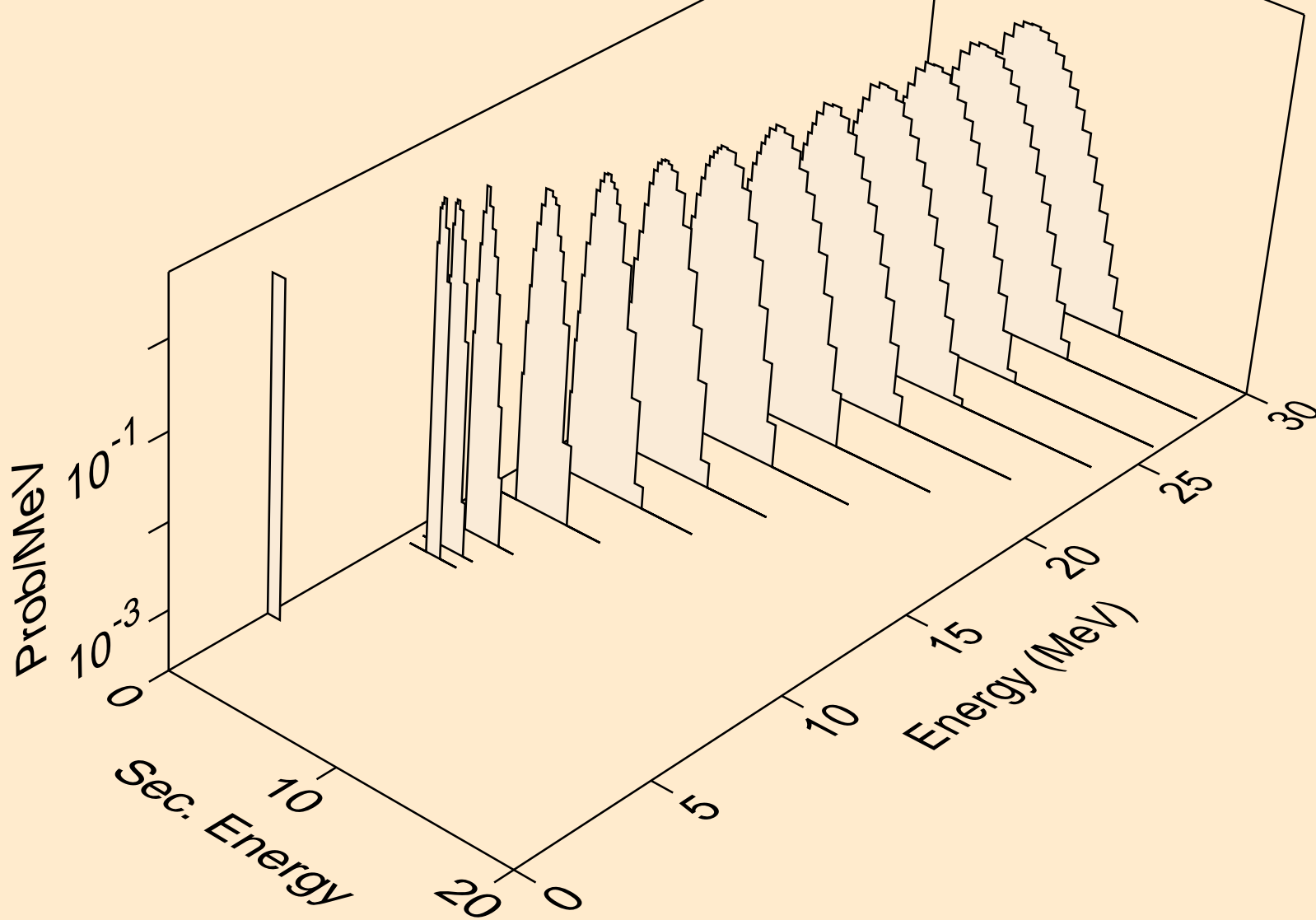
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



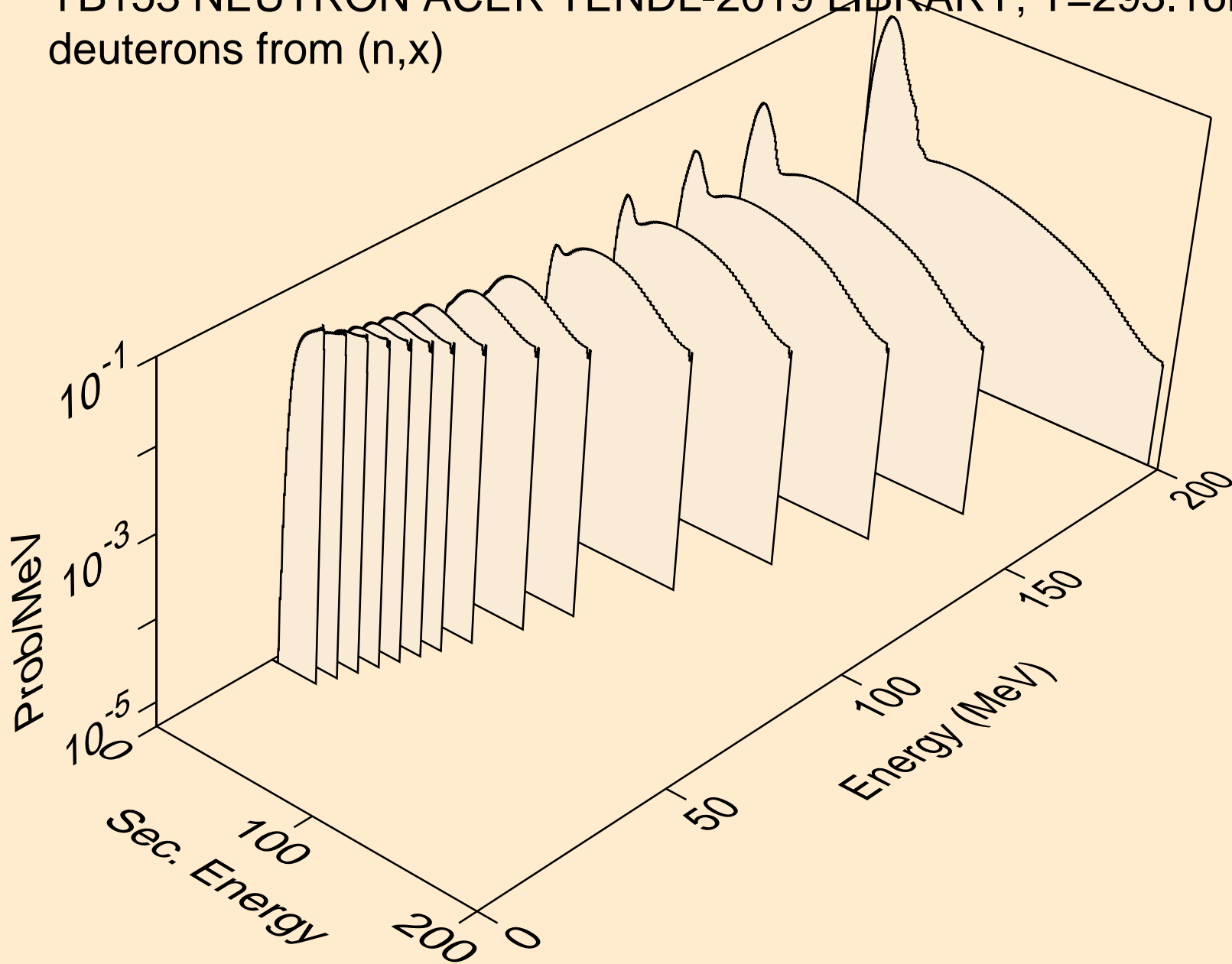
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



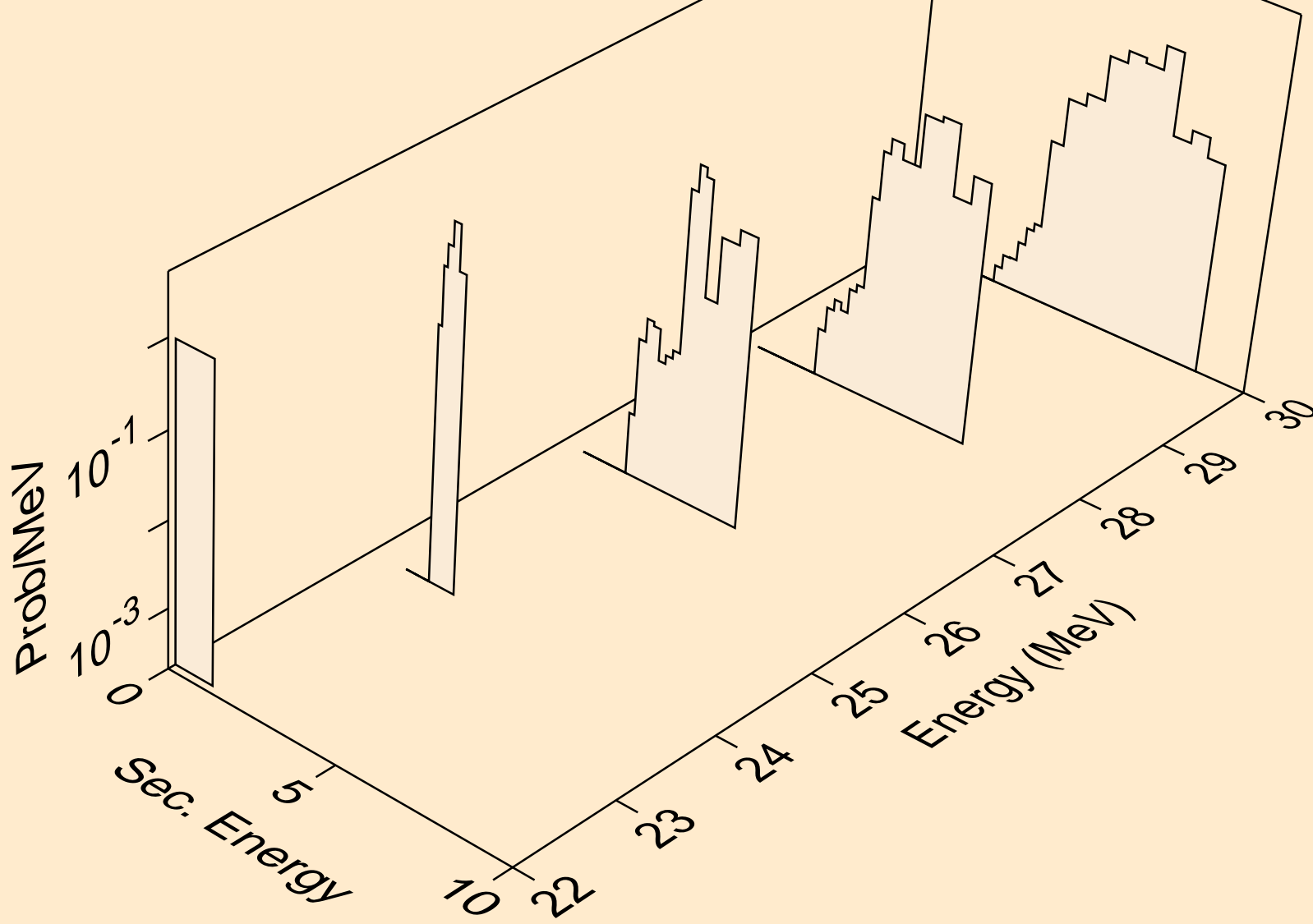
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



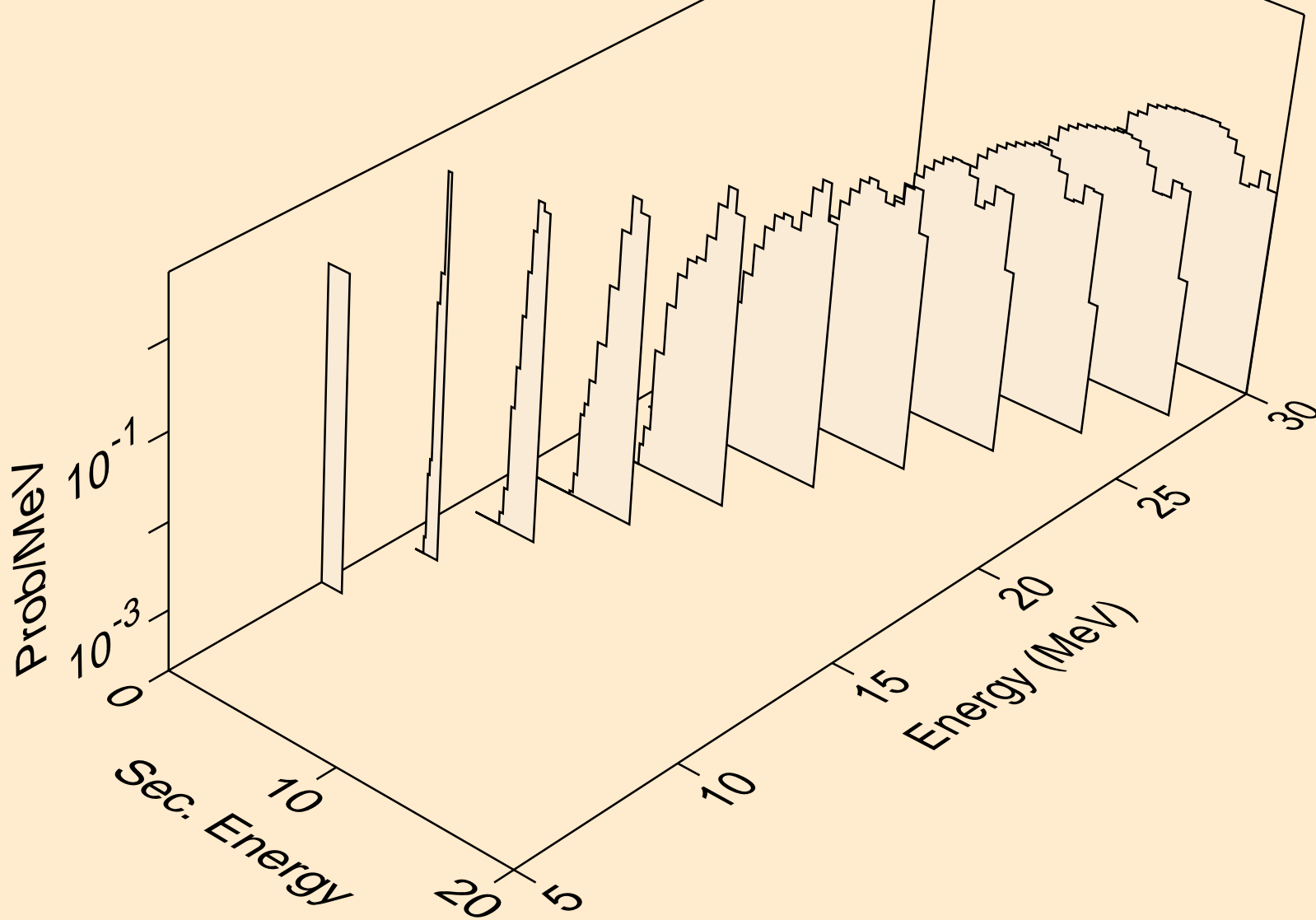
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



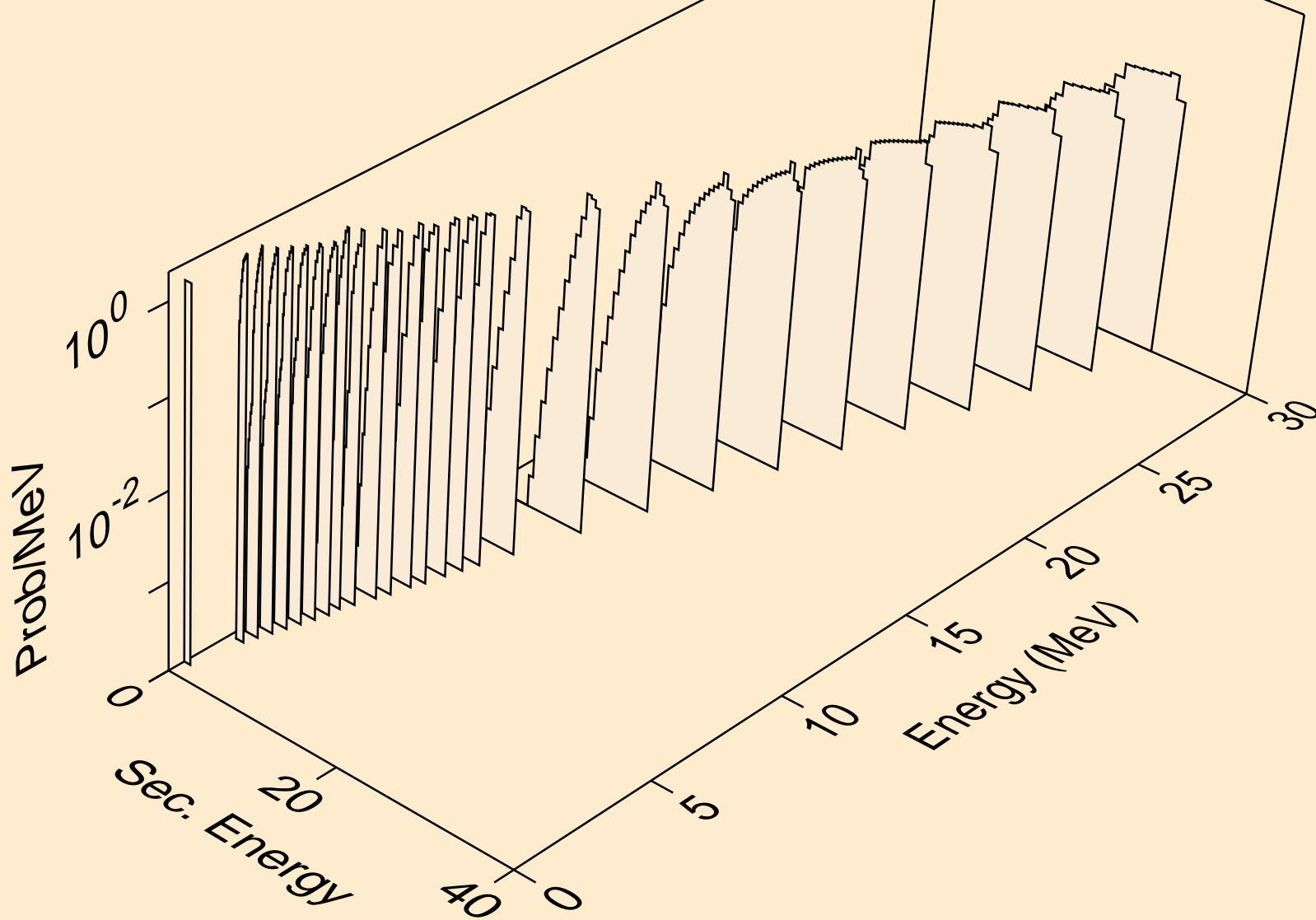
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



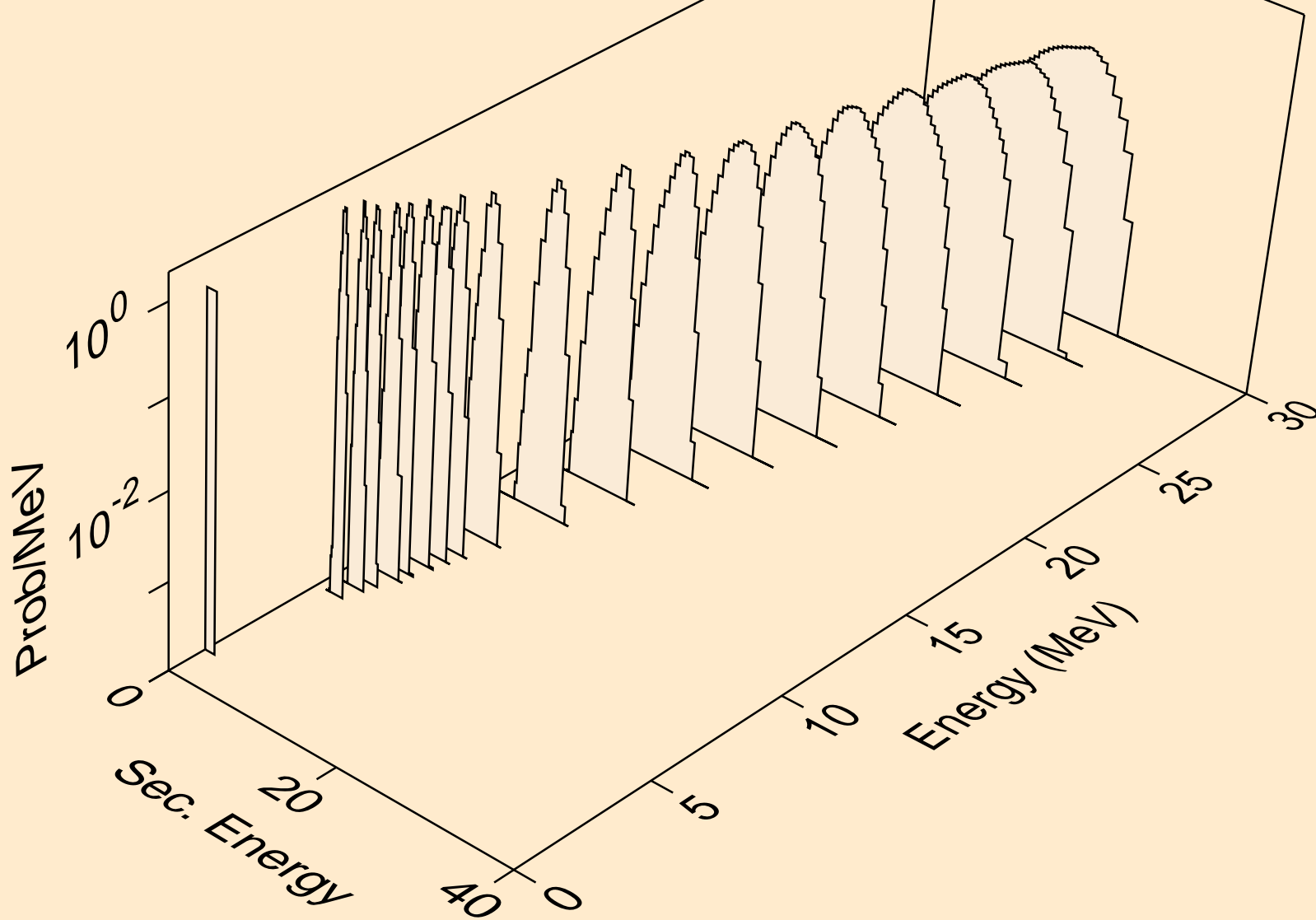
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



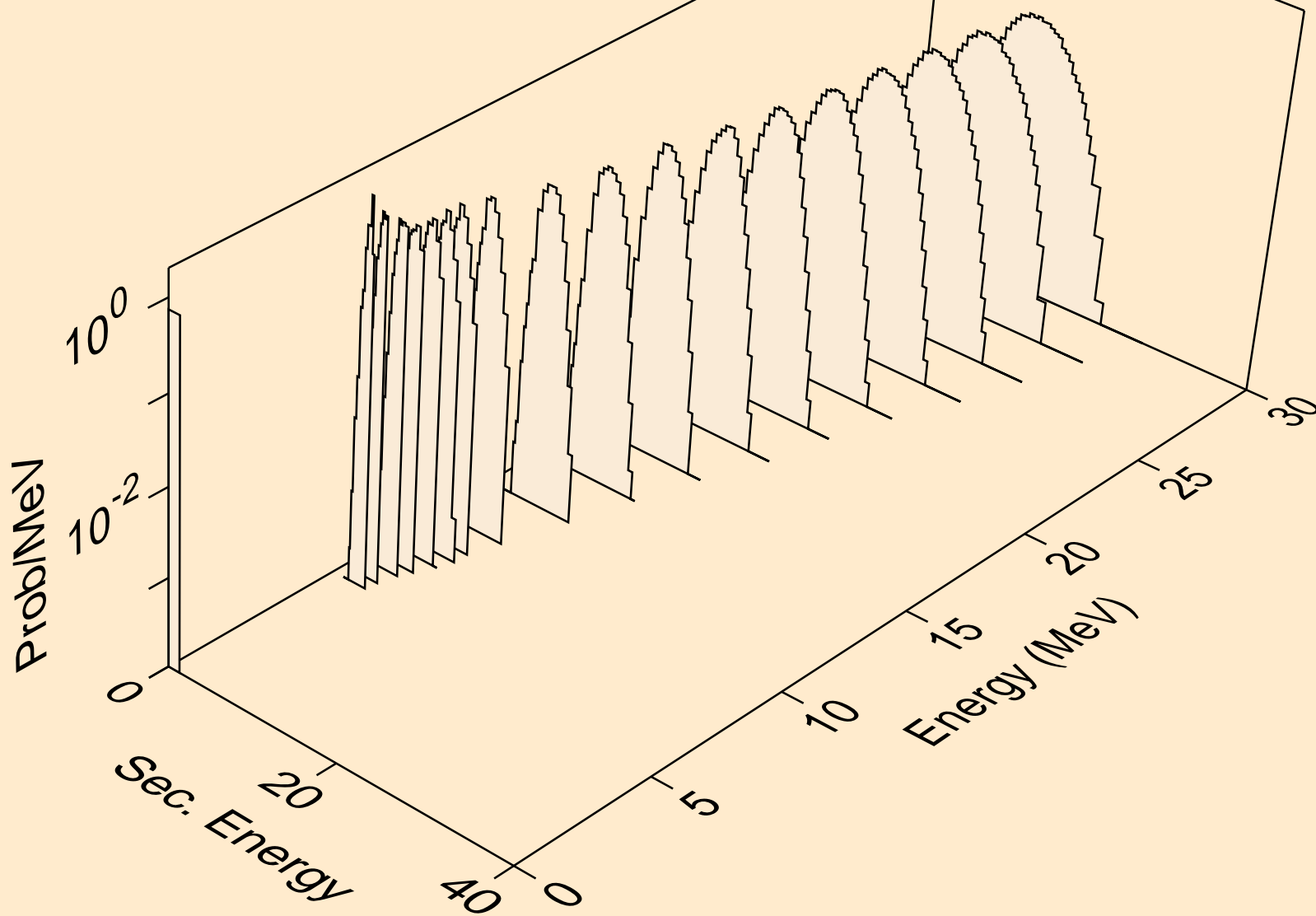
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



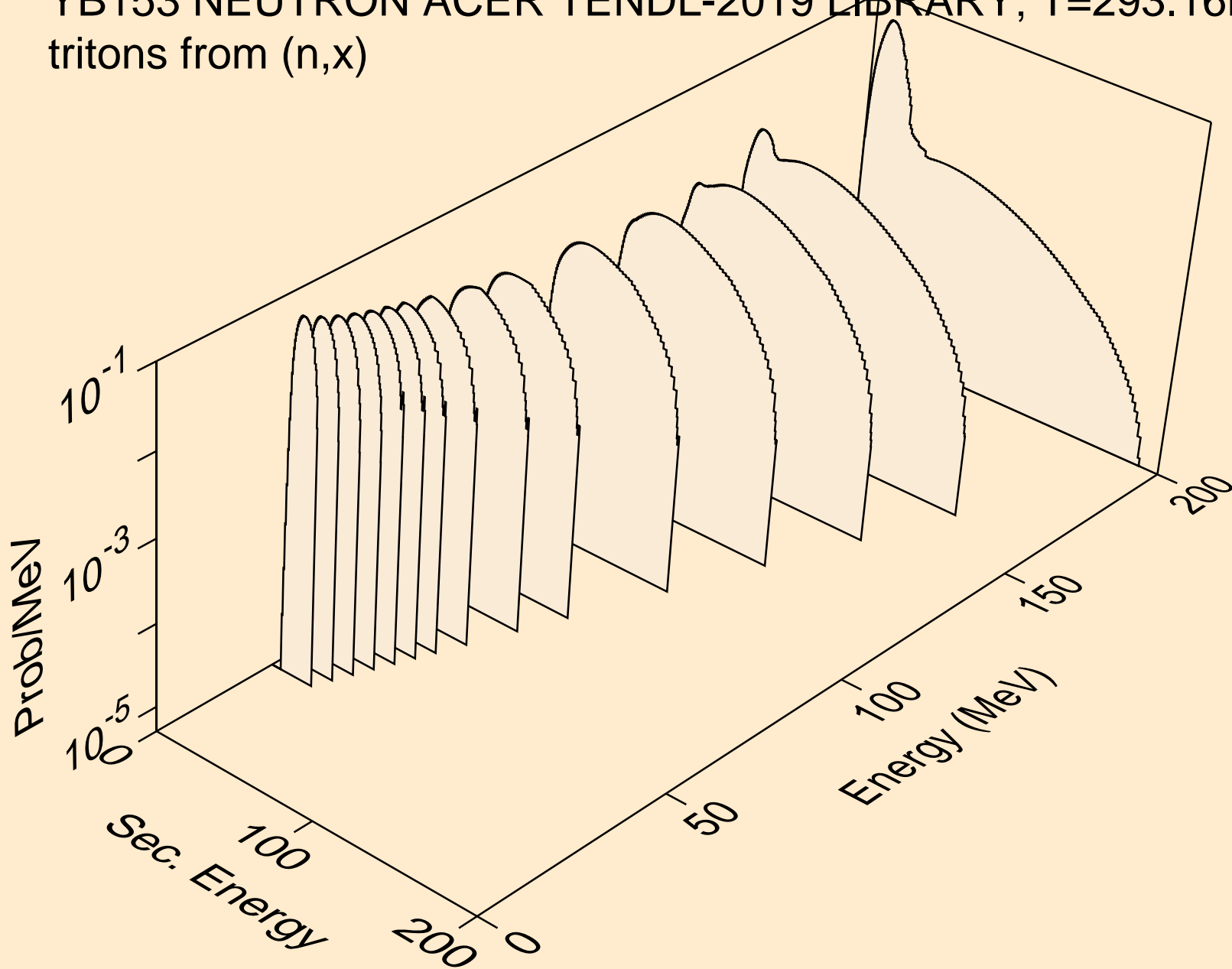
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



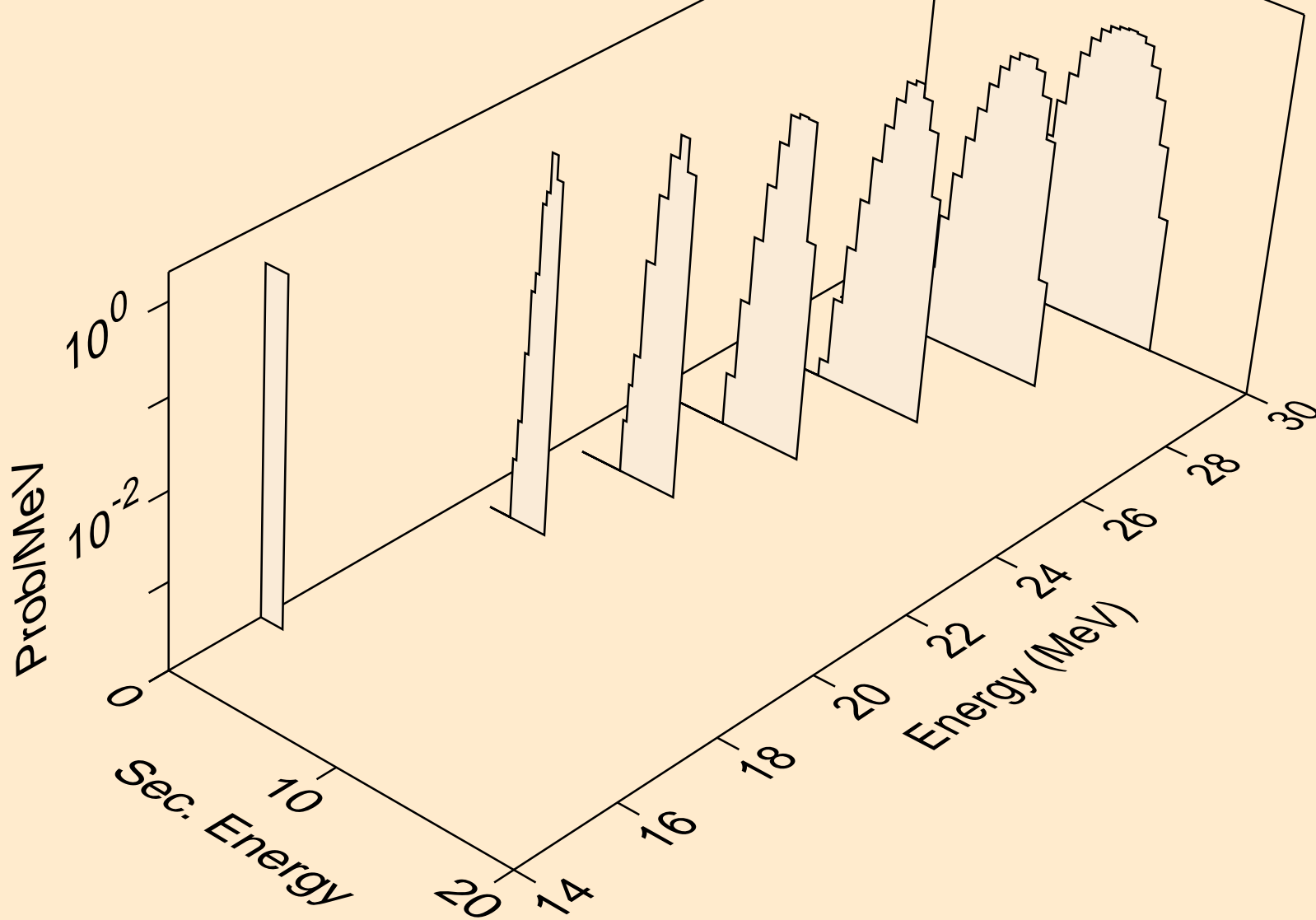
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



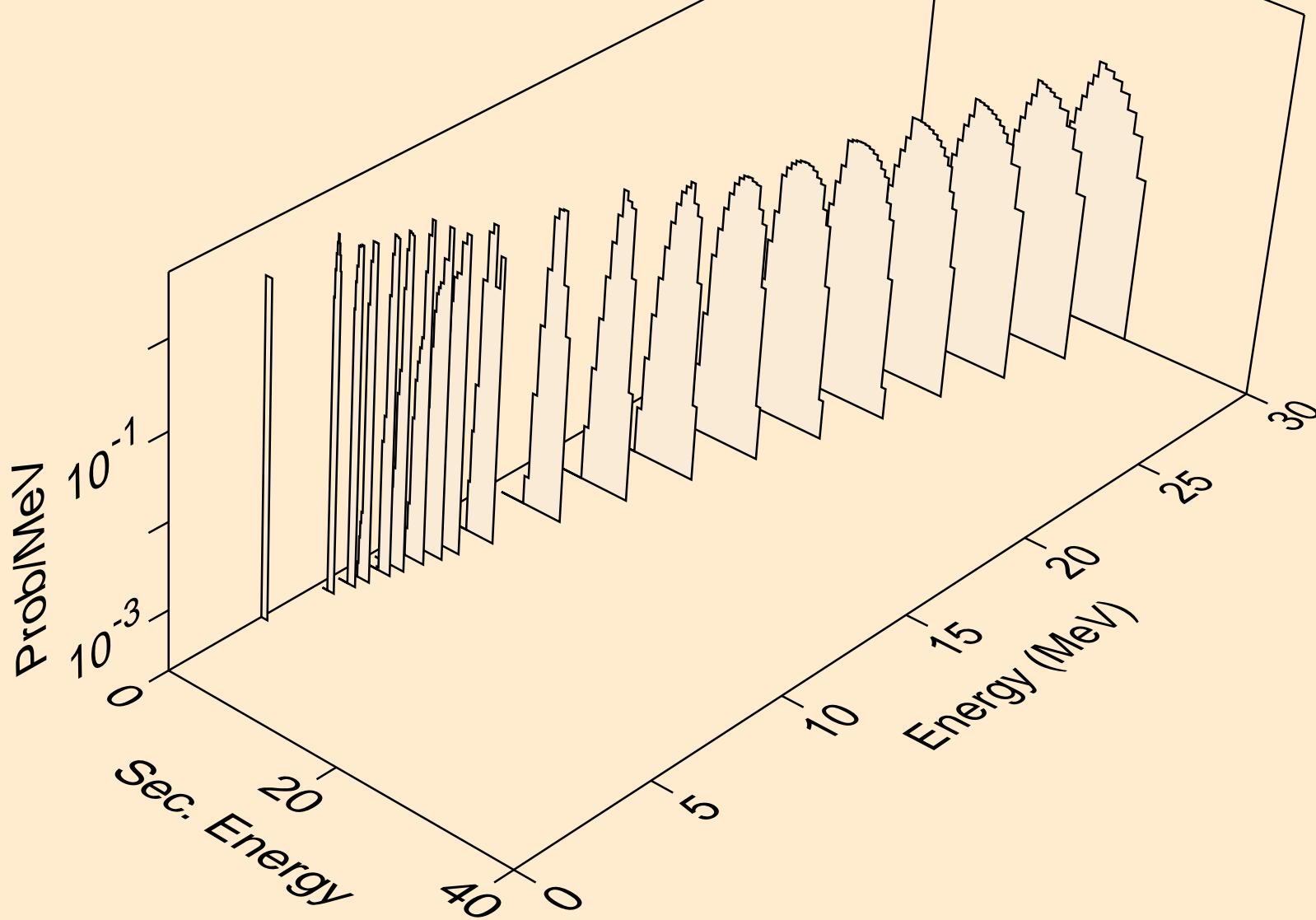
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



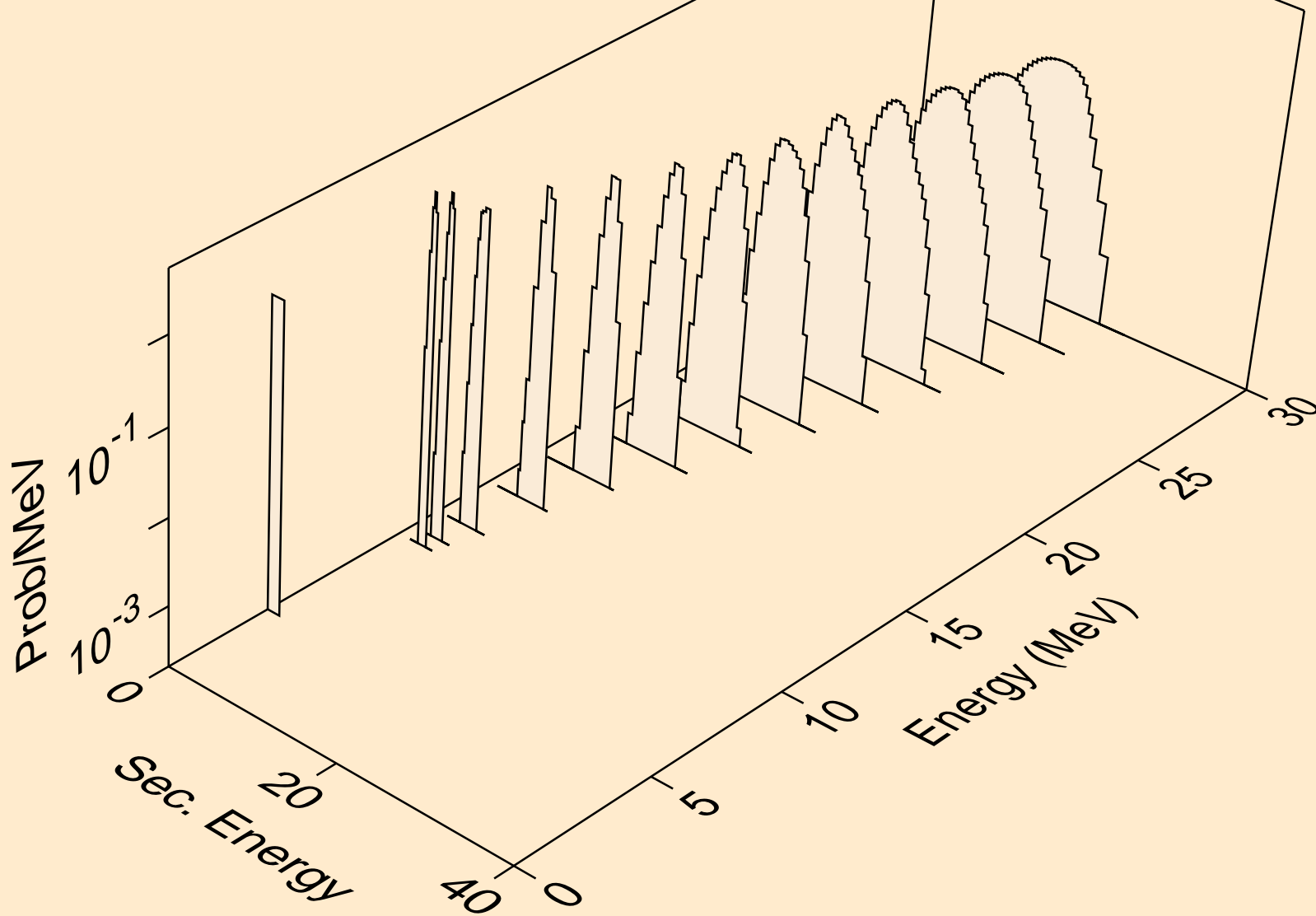
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



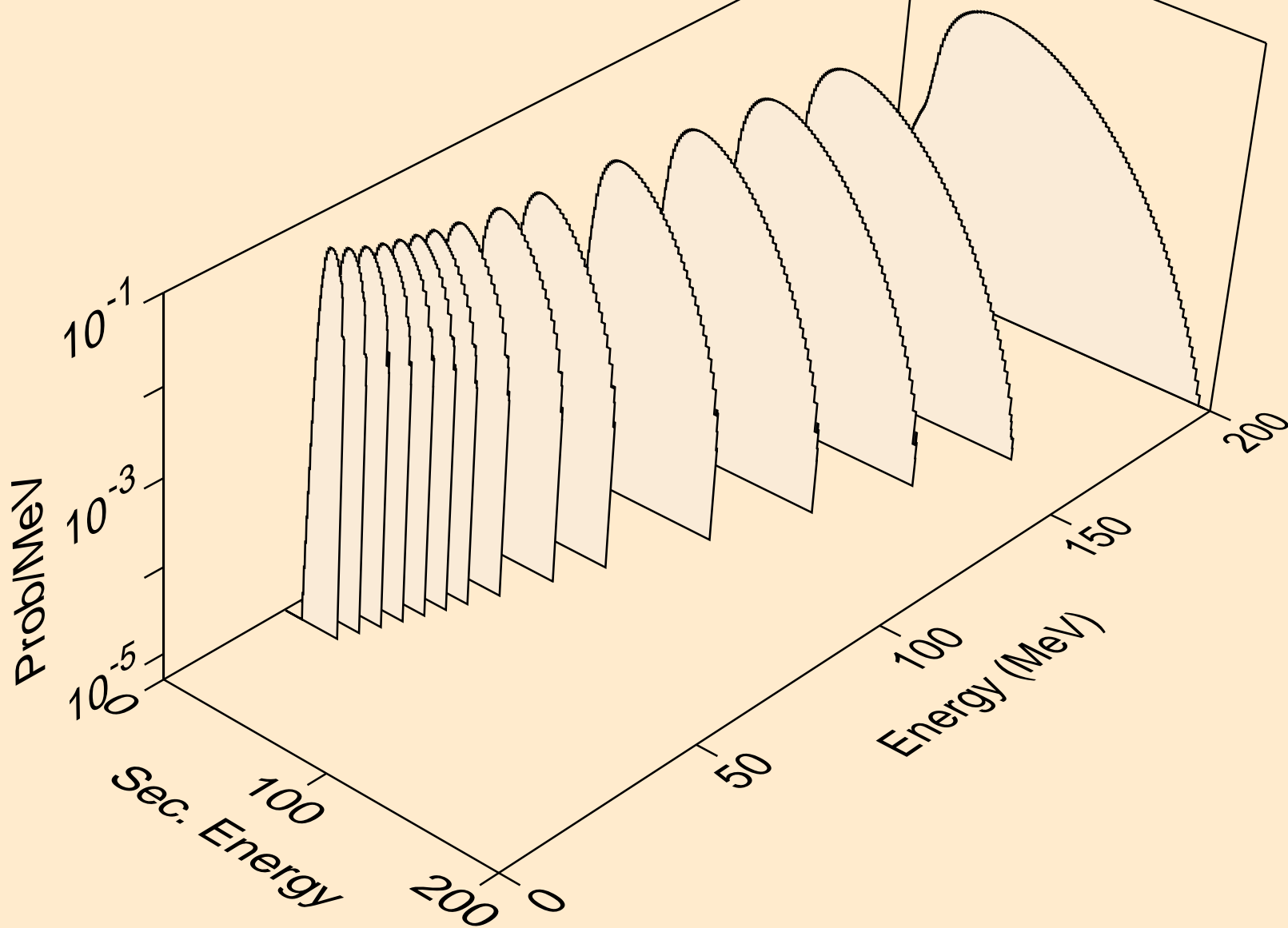
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



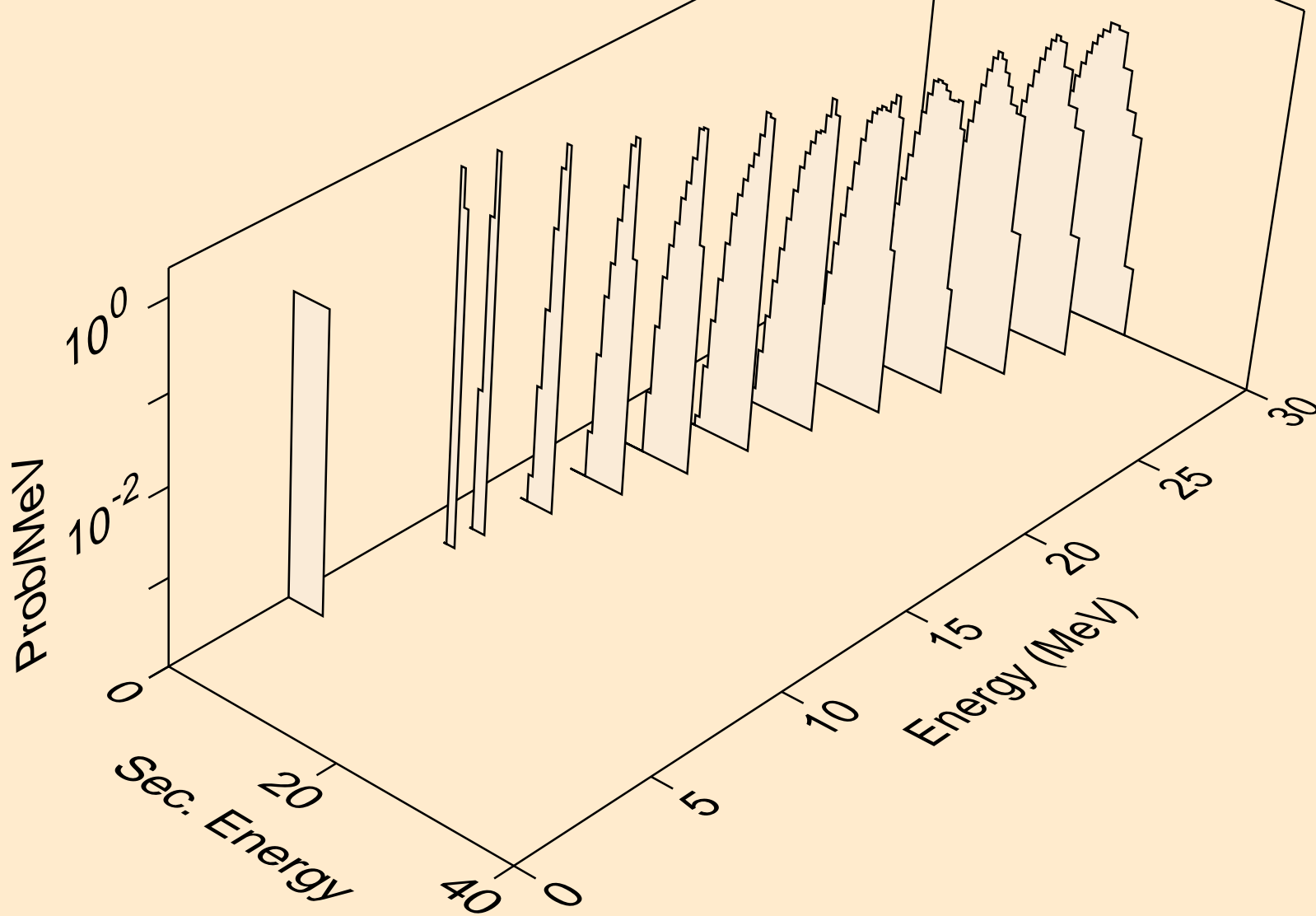
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



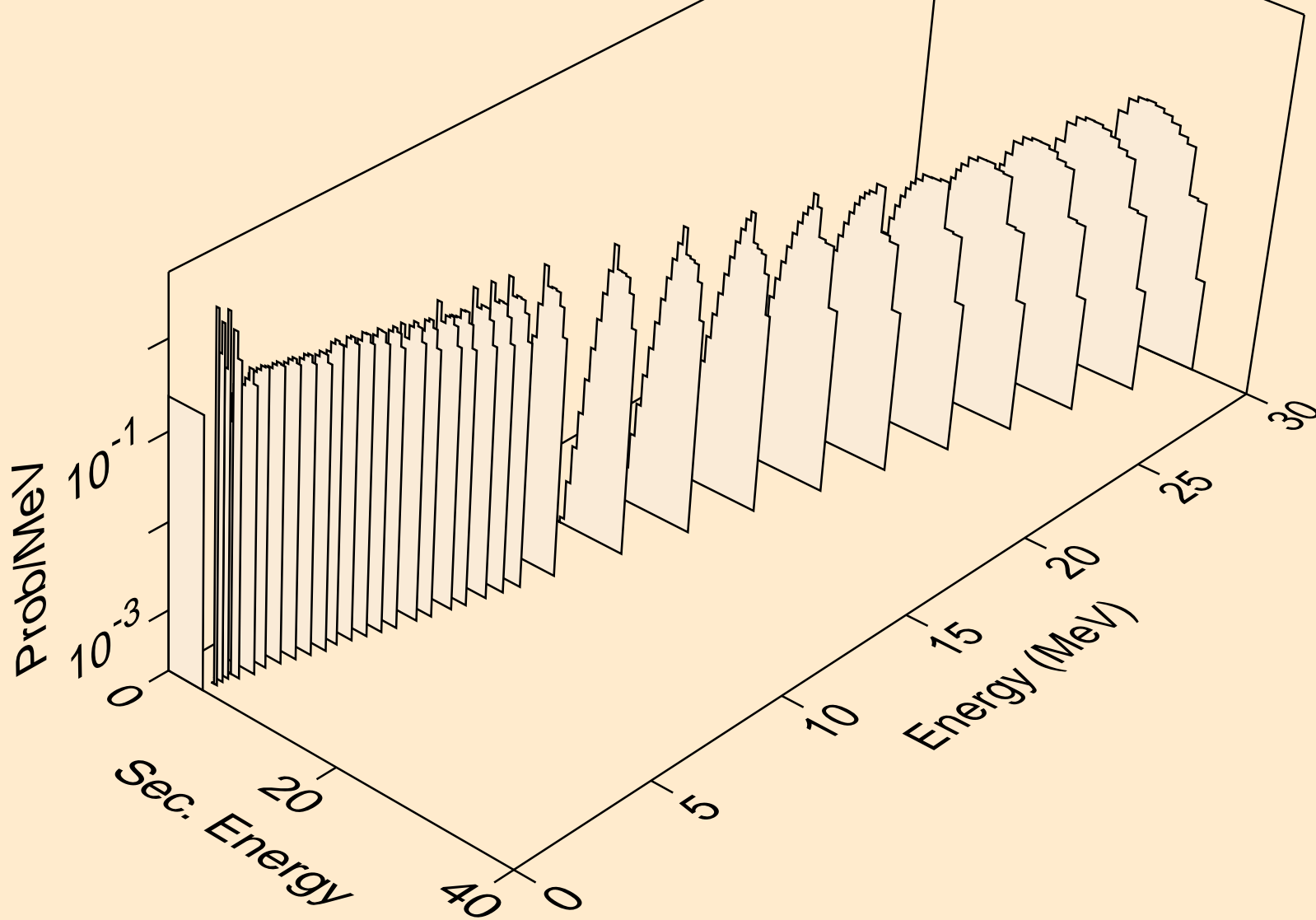
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



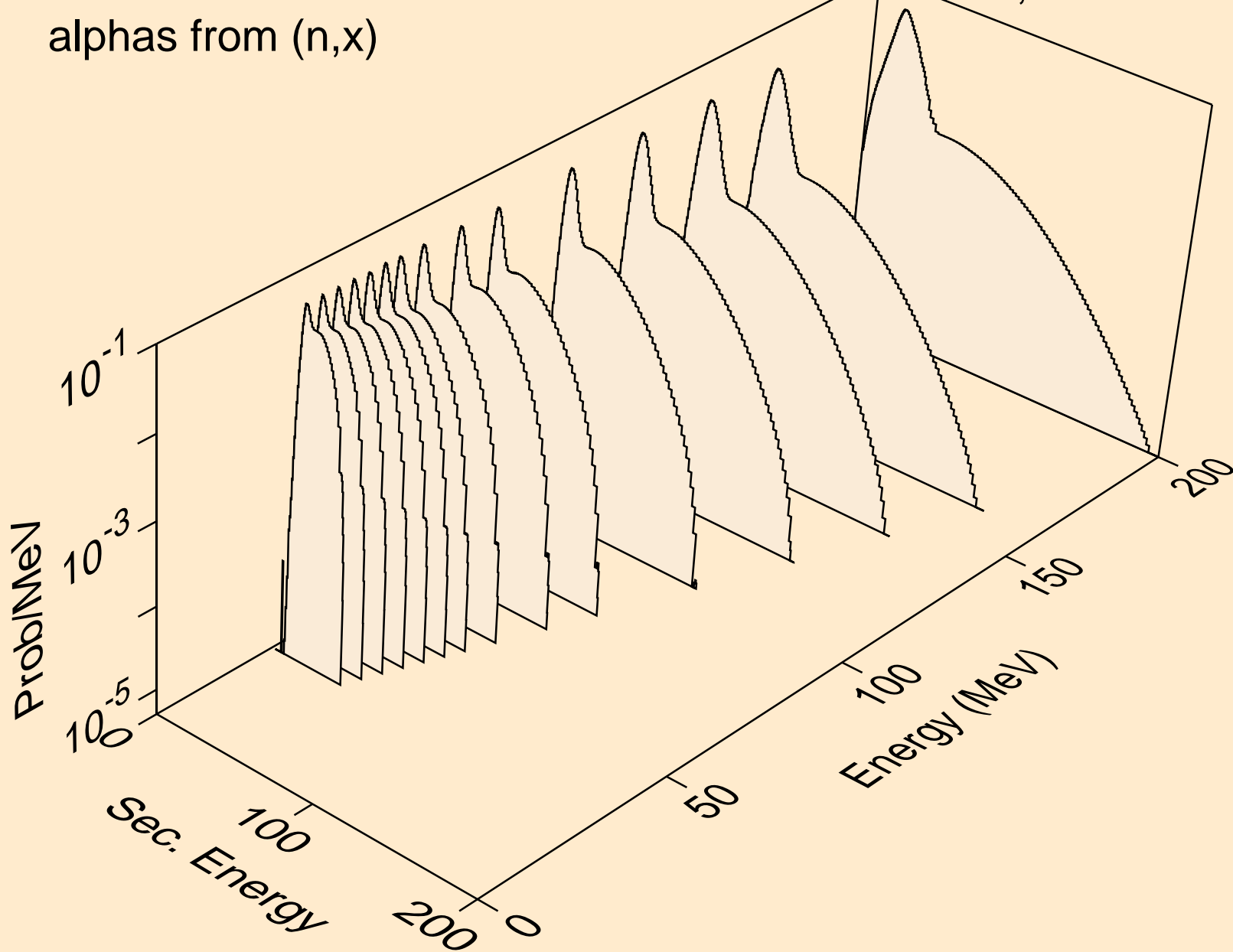
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



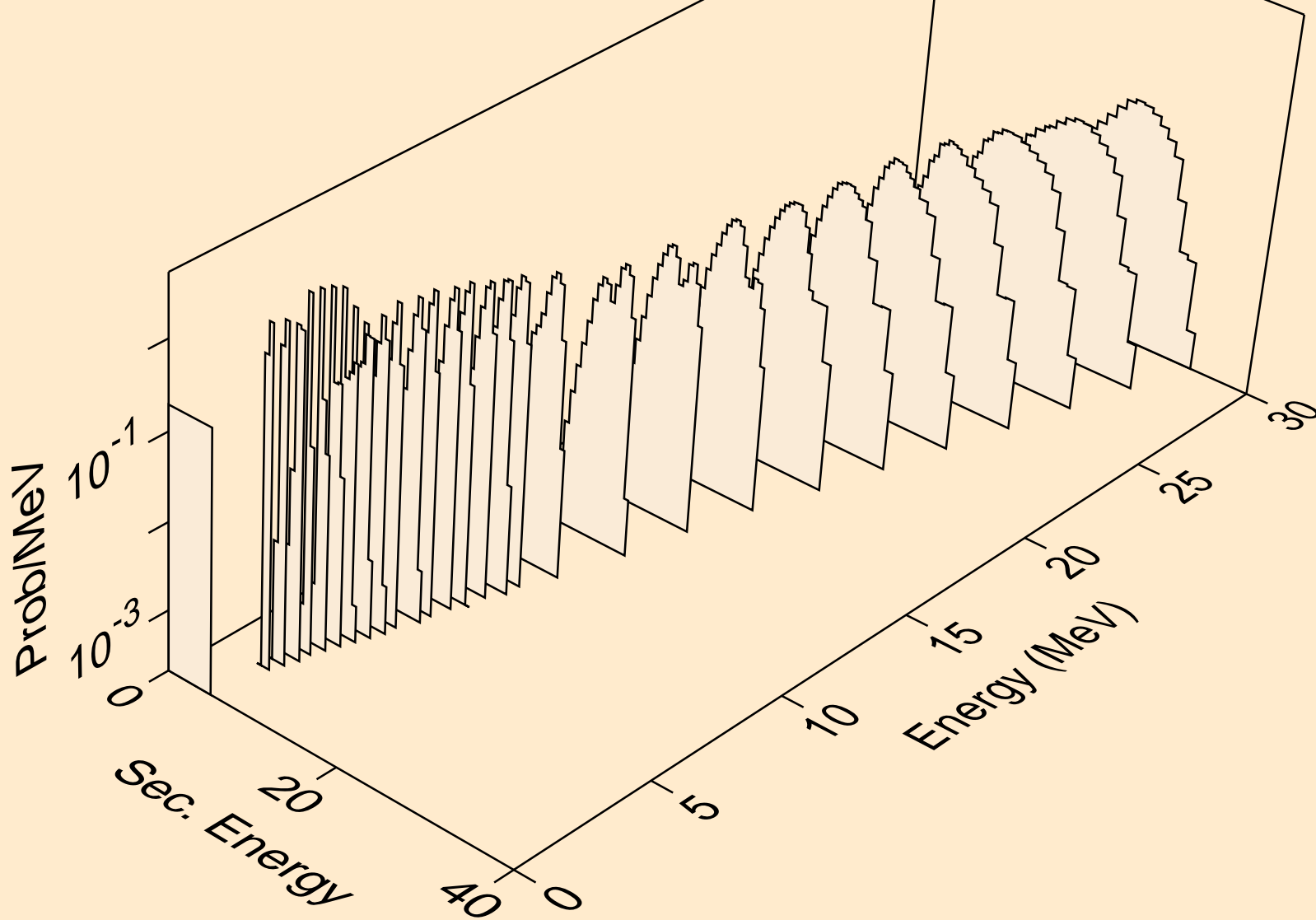
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



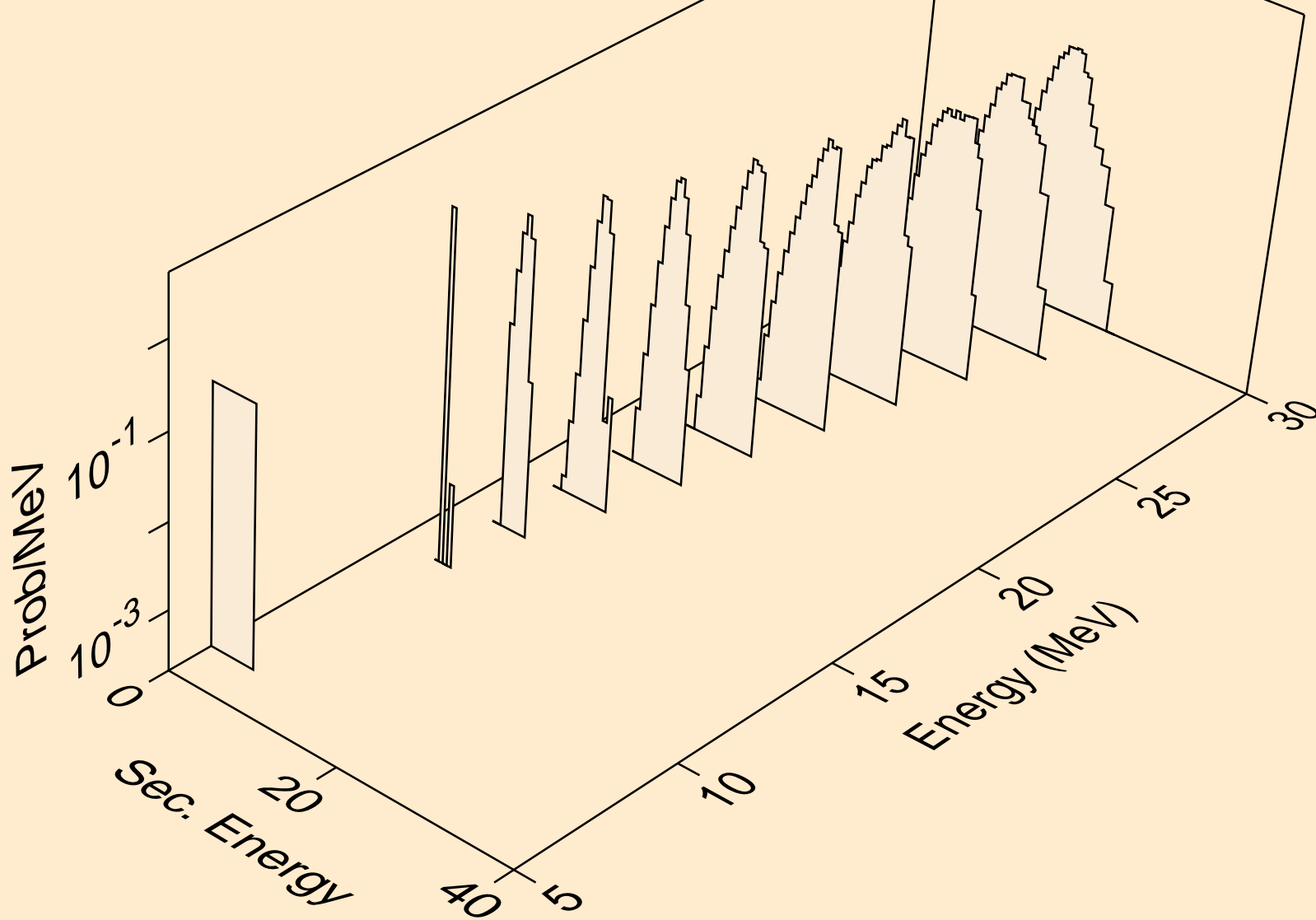
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



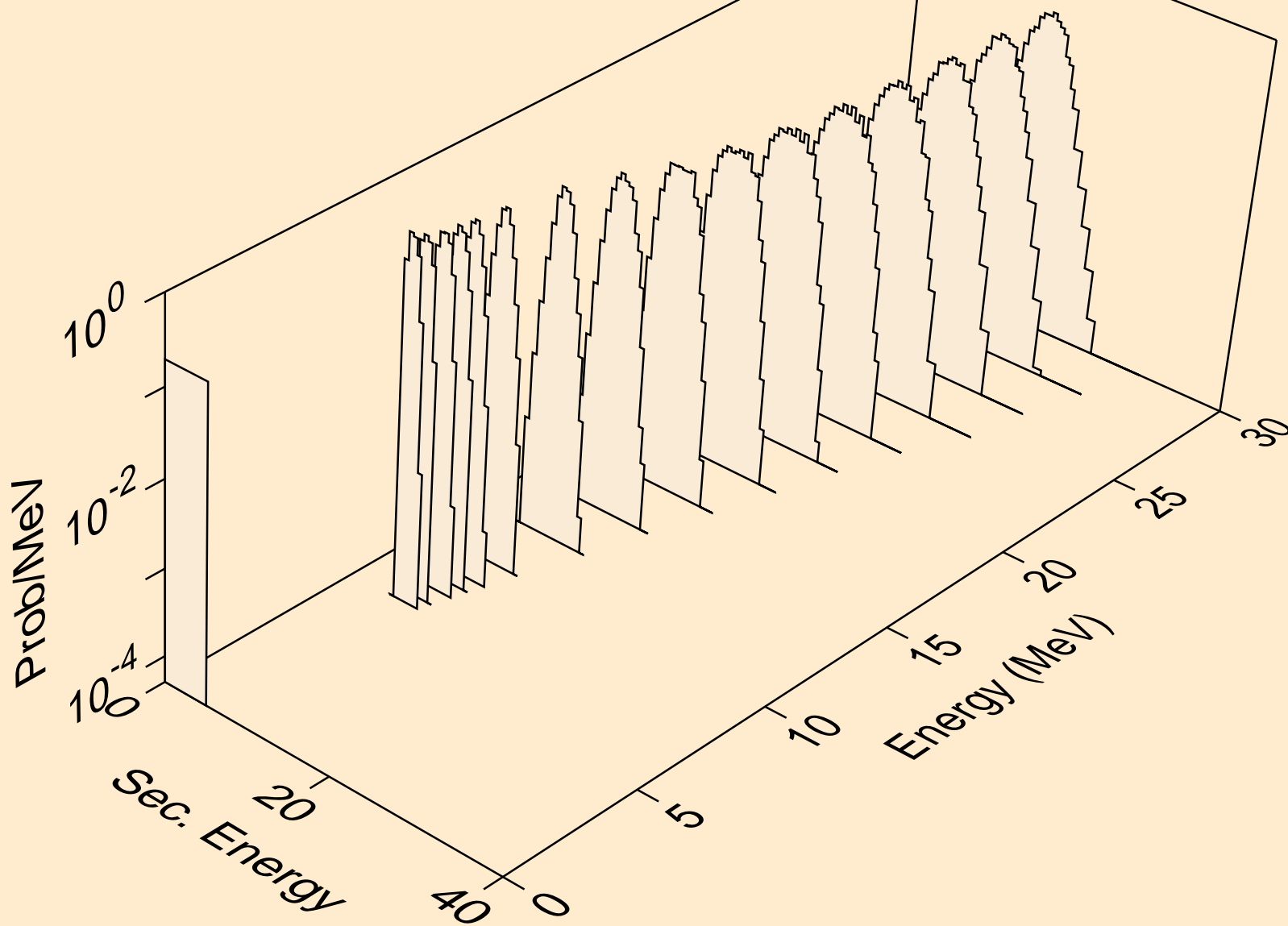
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



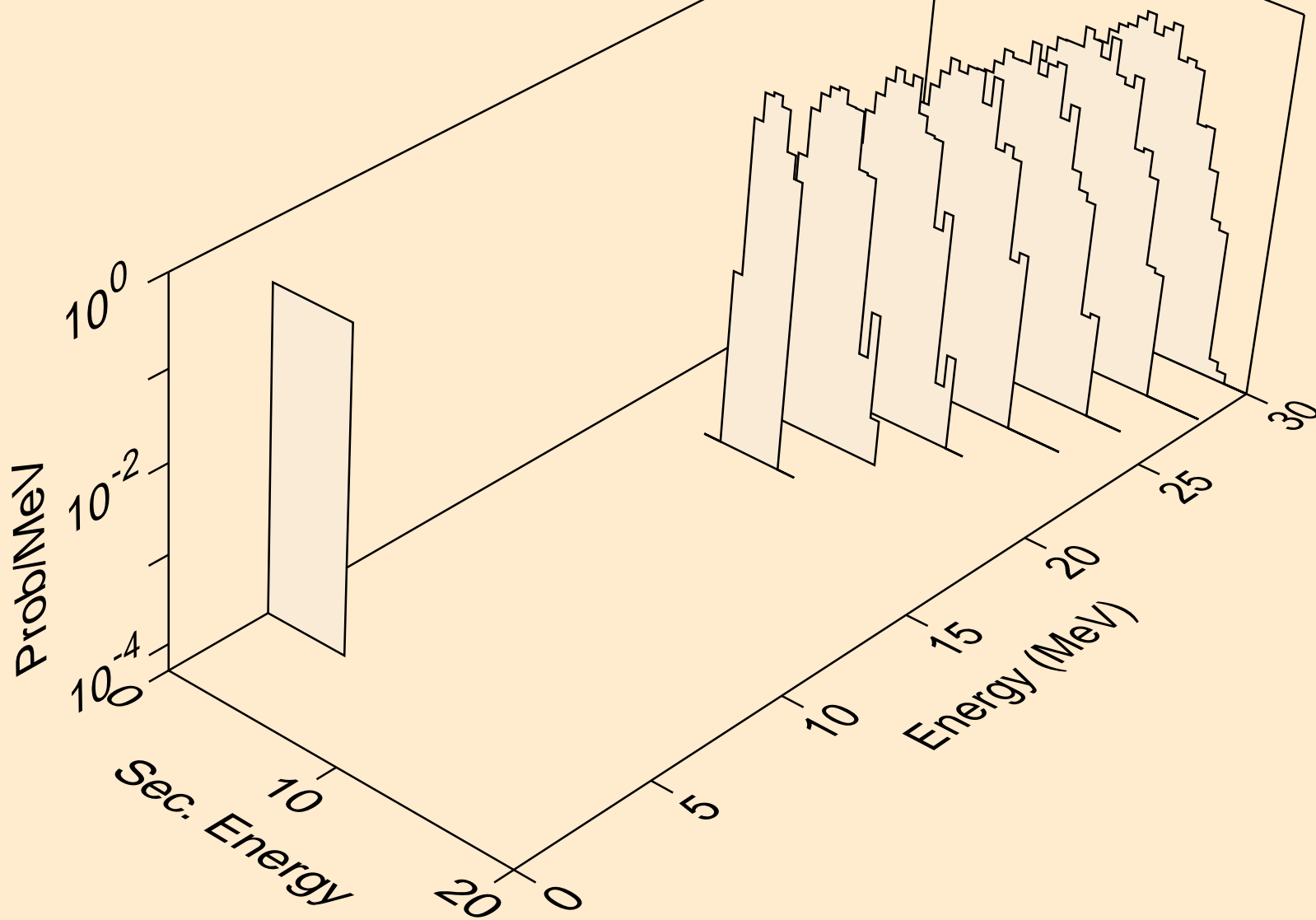
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



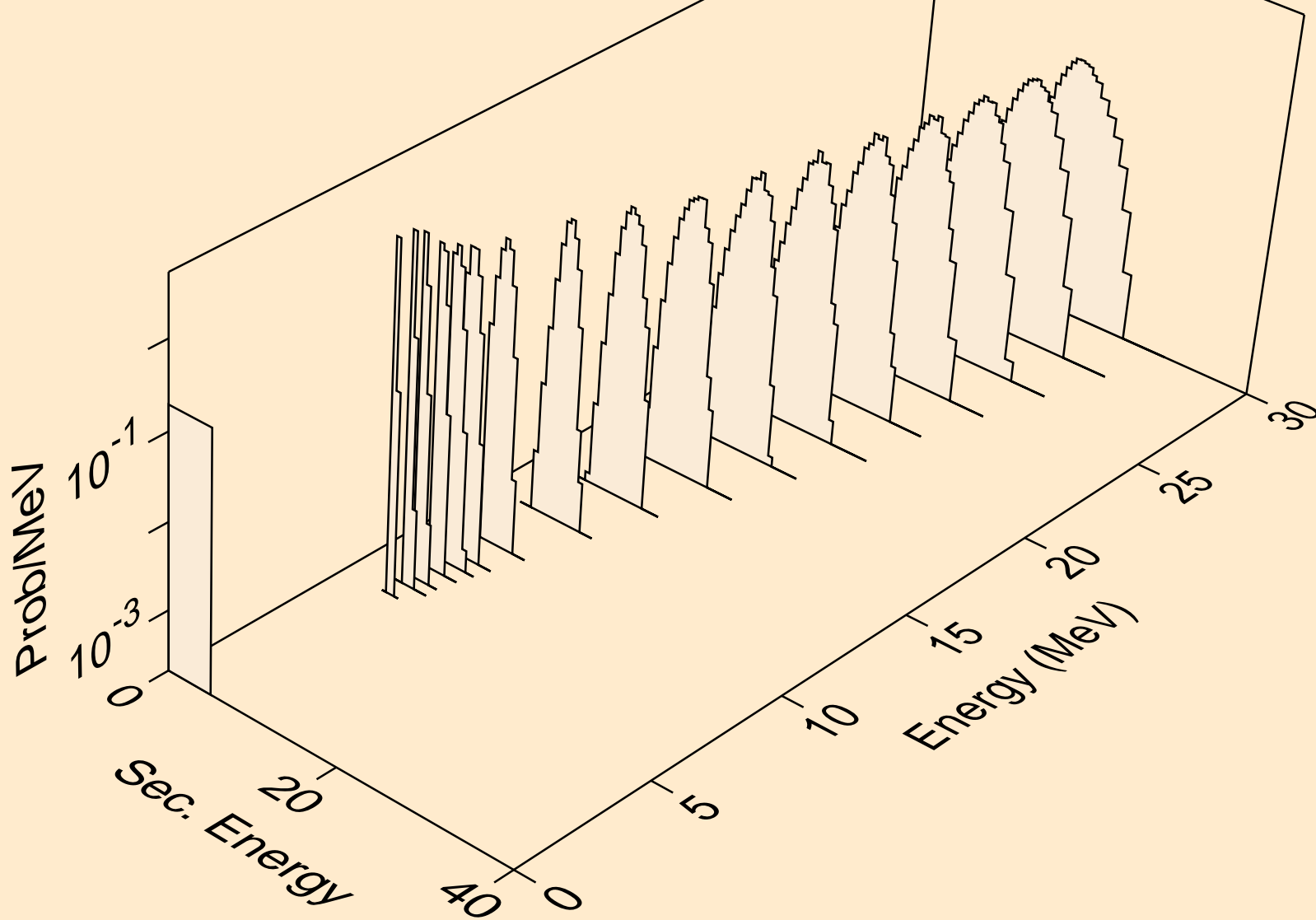
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



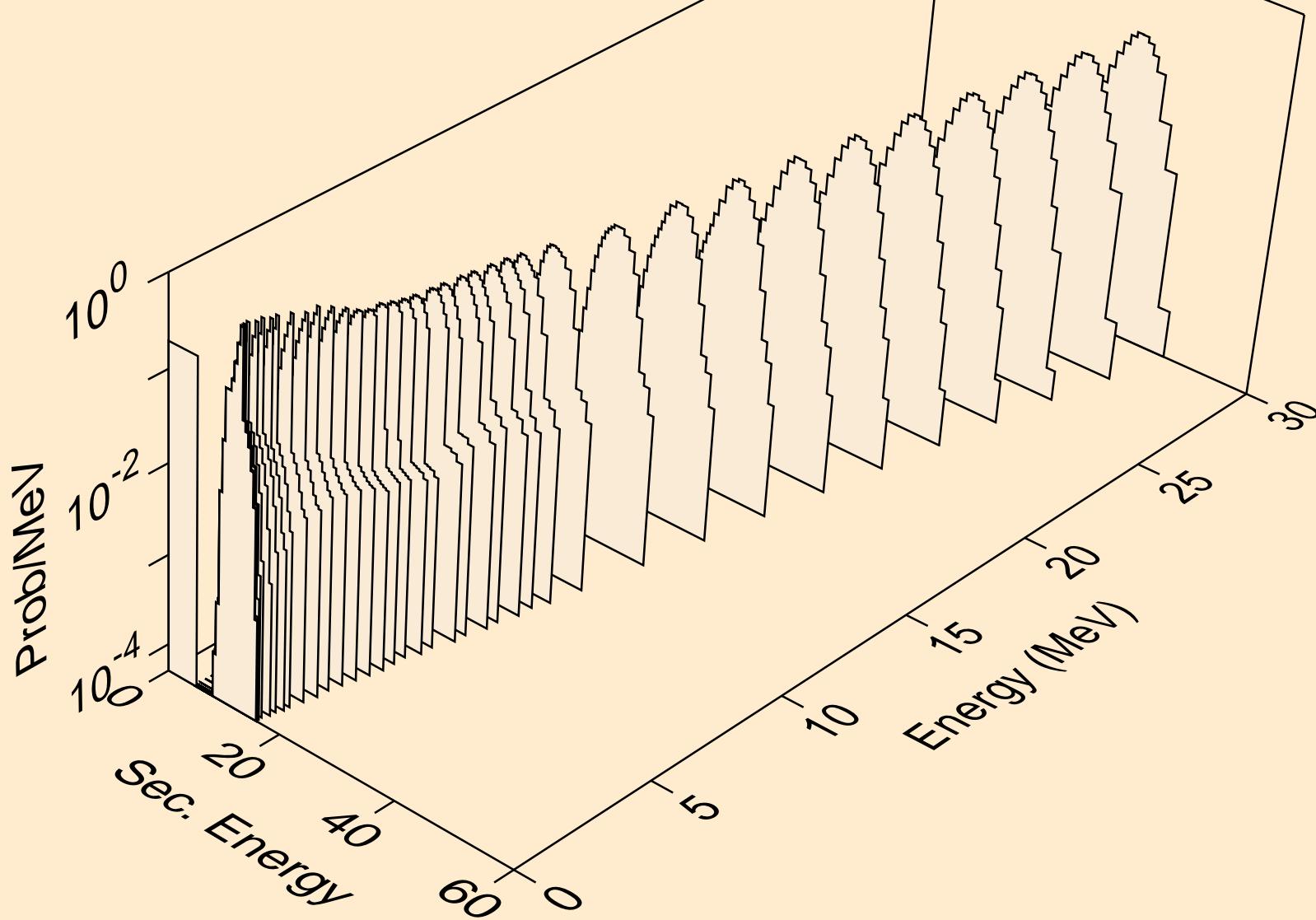
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



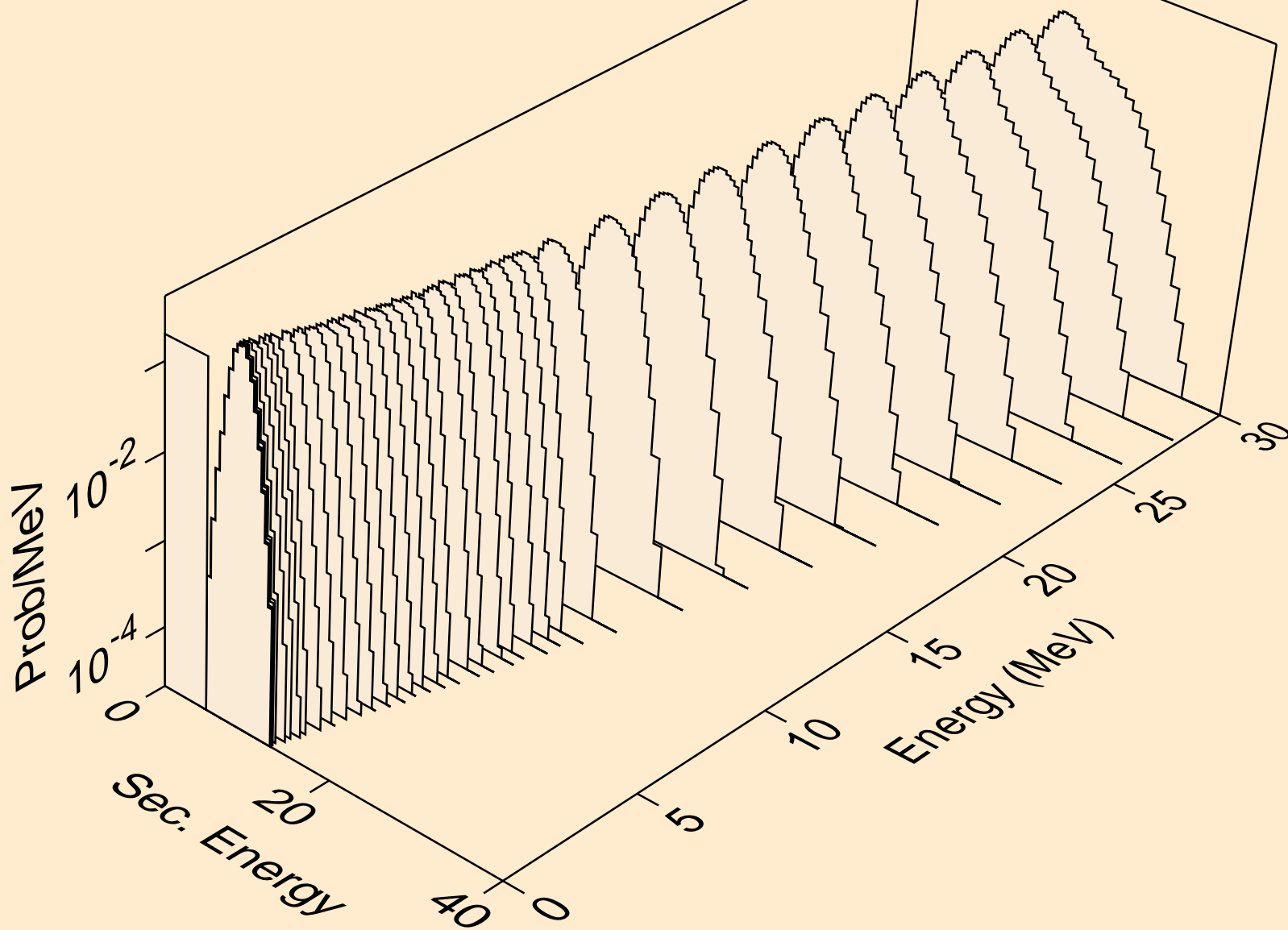
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



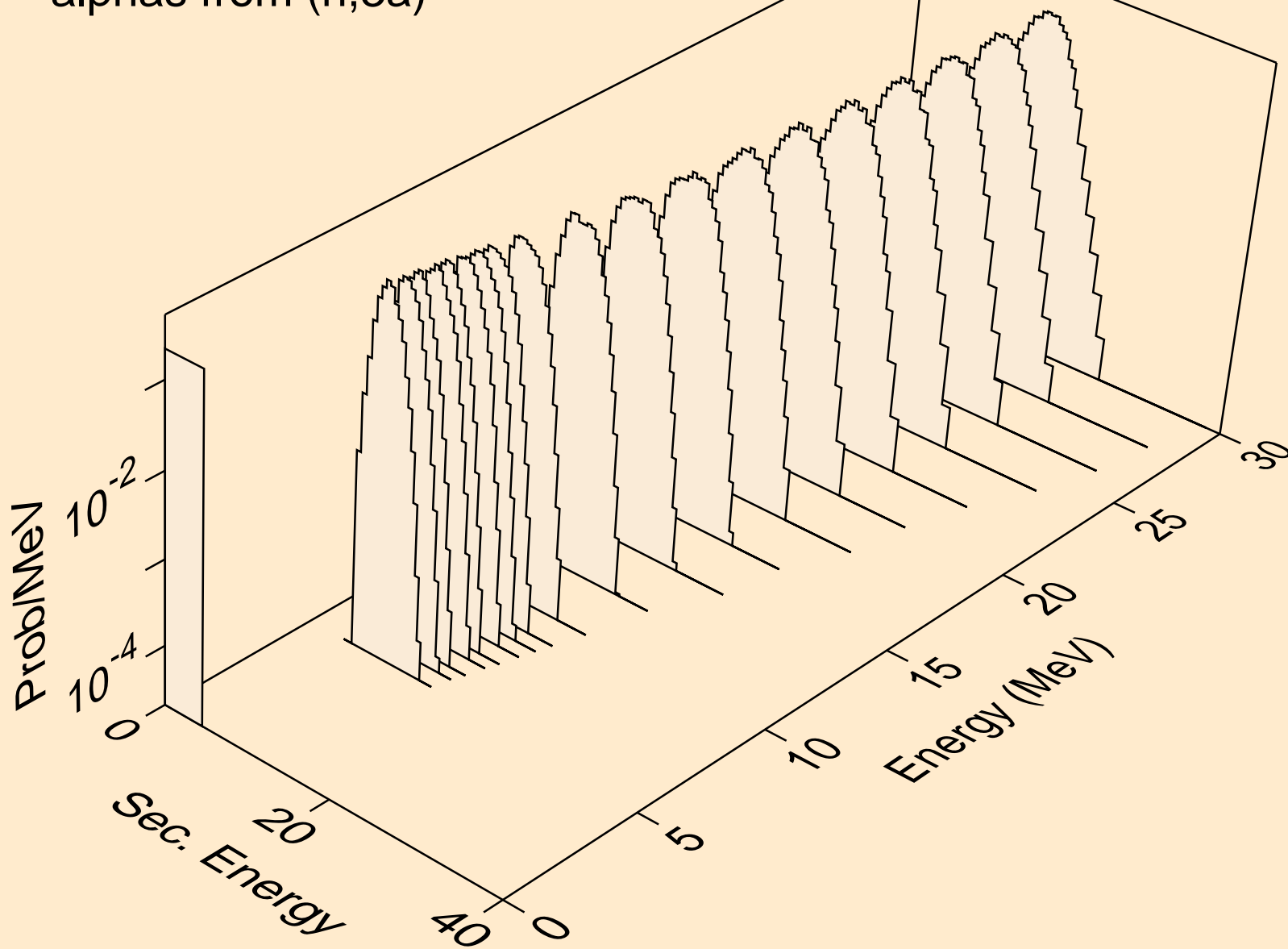
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



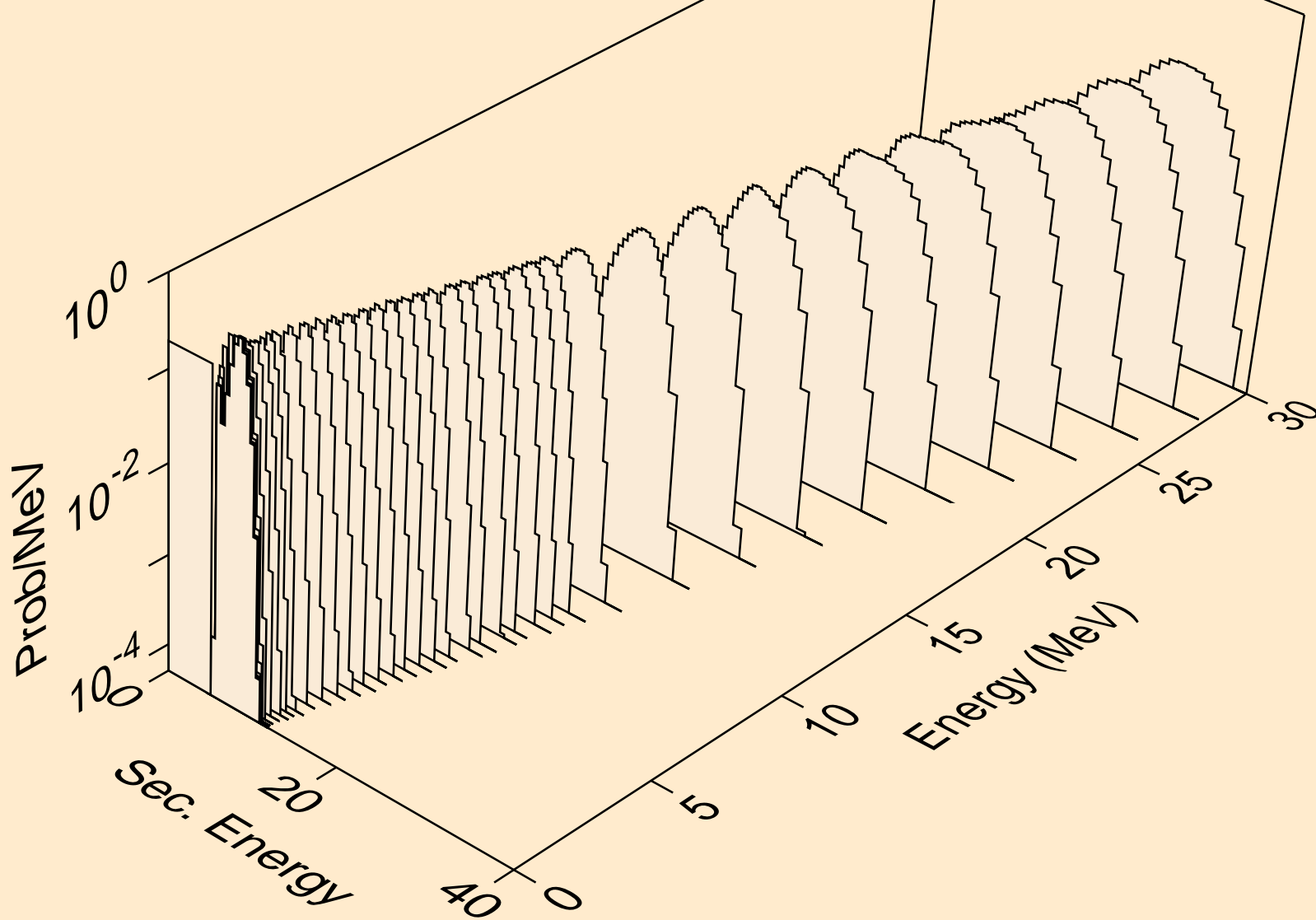
YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



YB153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

