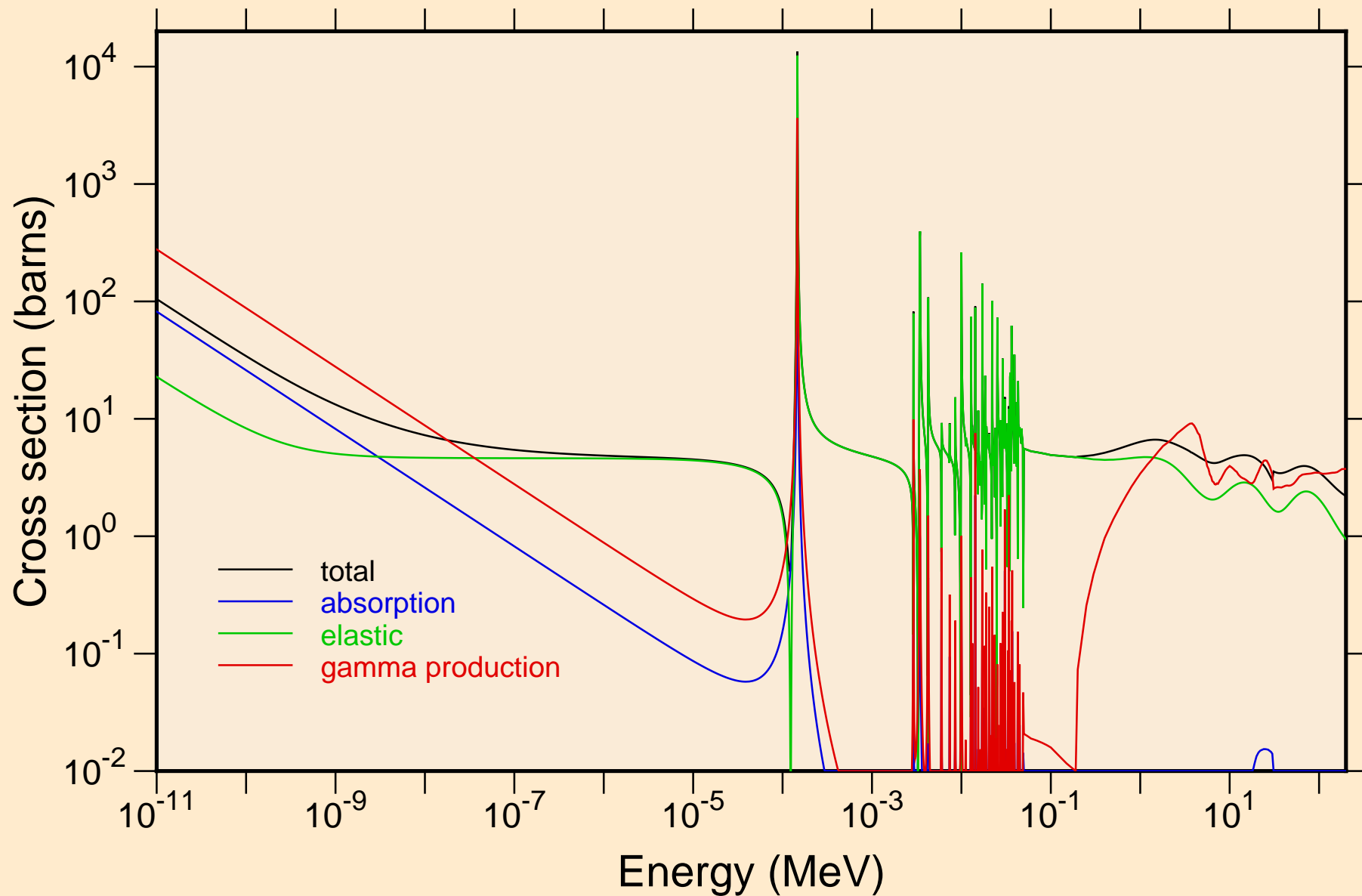
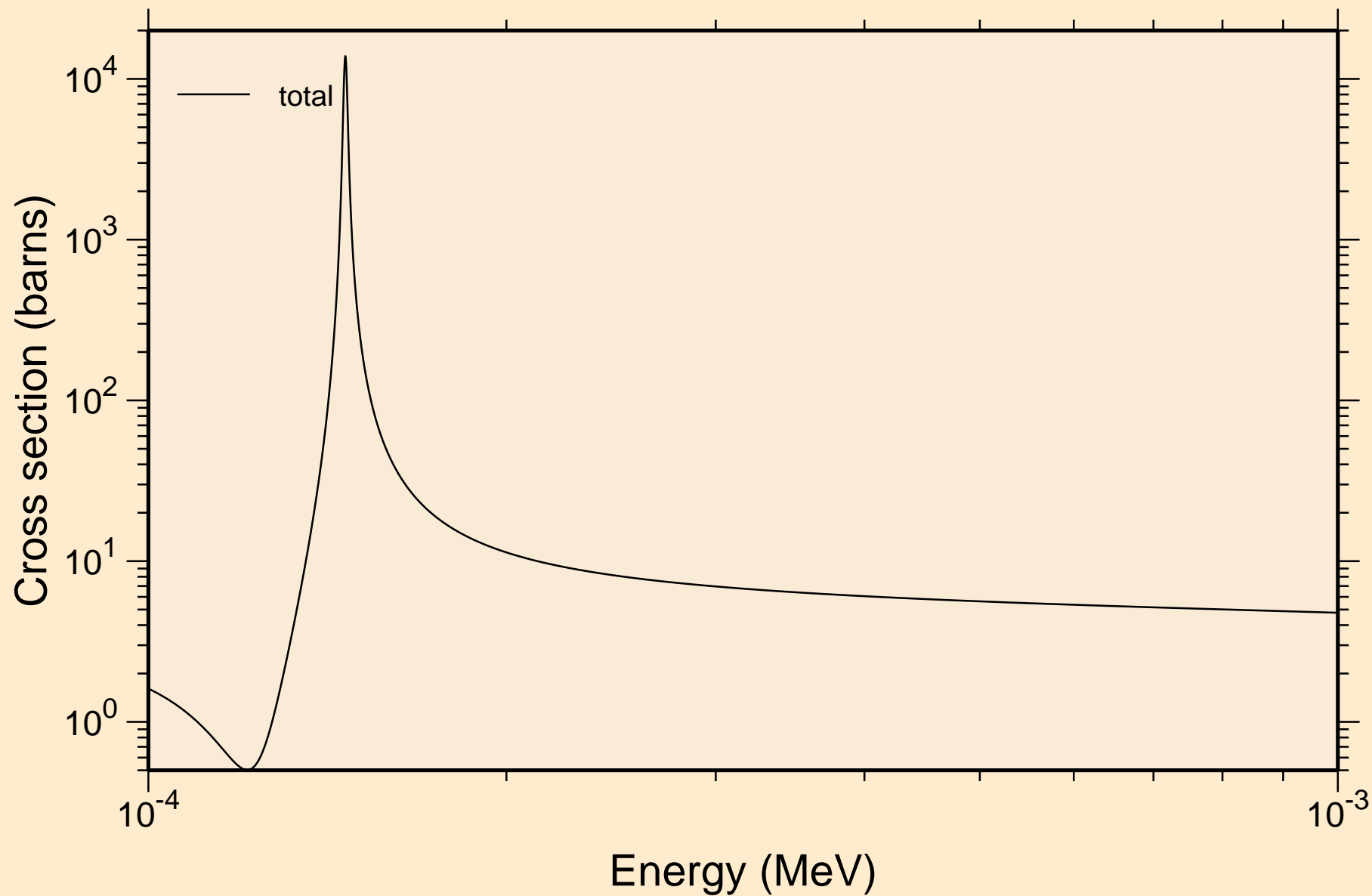


I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

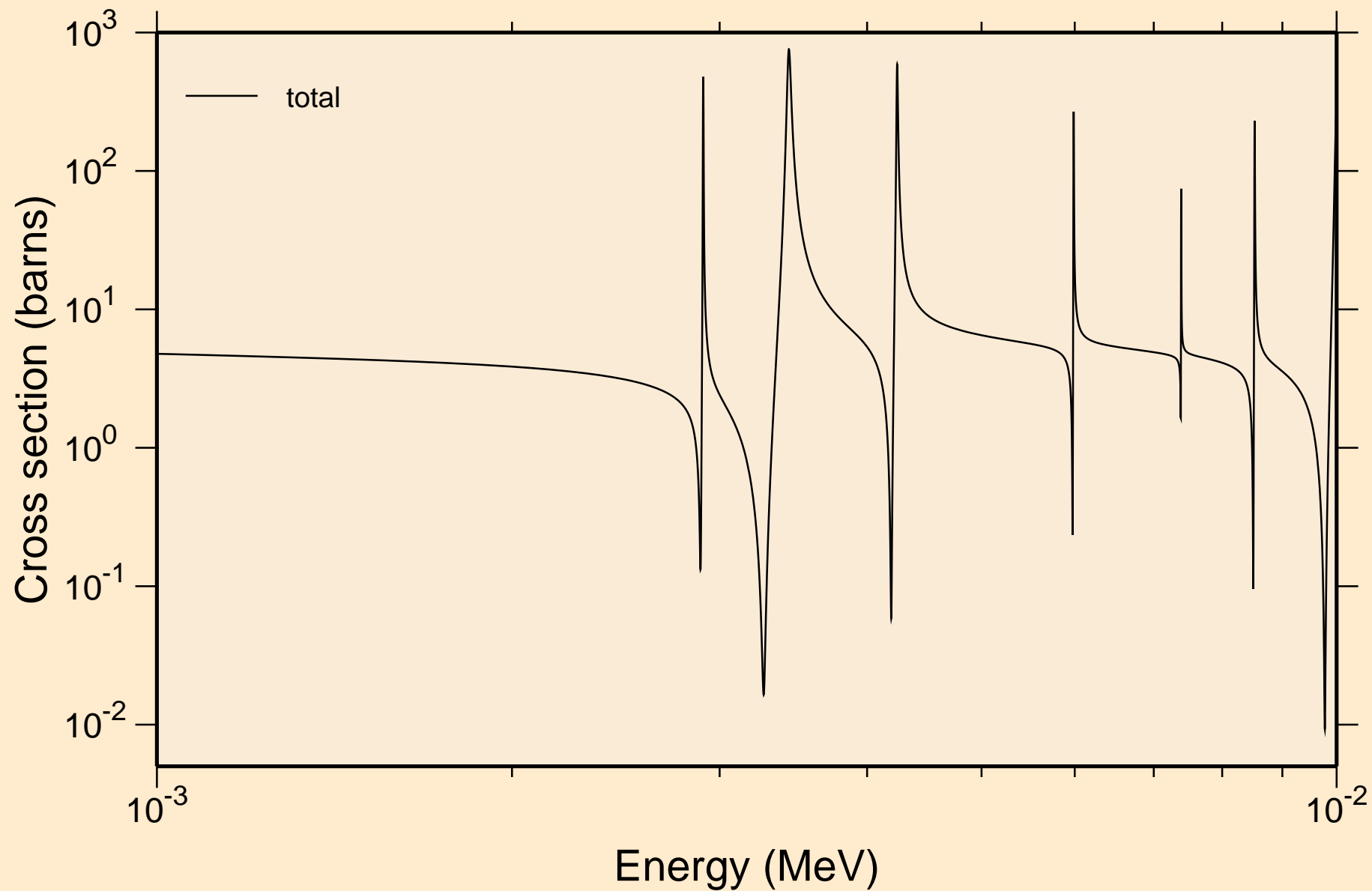
Principal cross sections



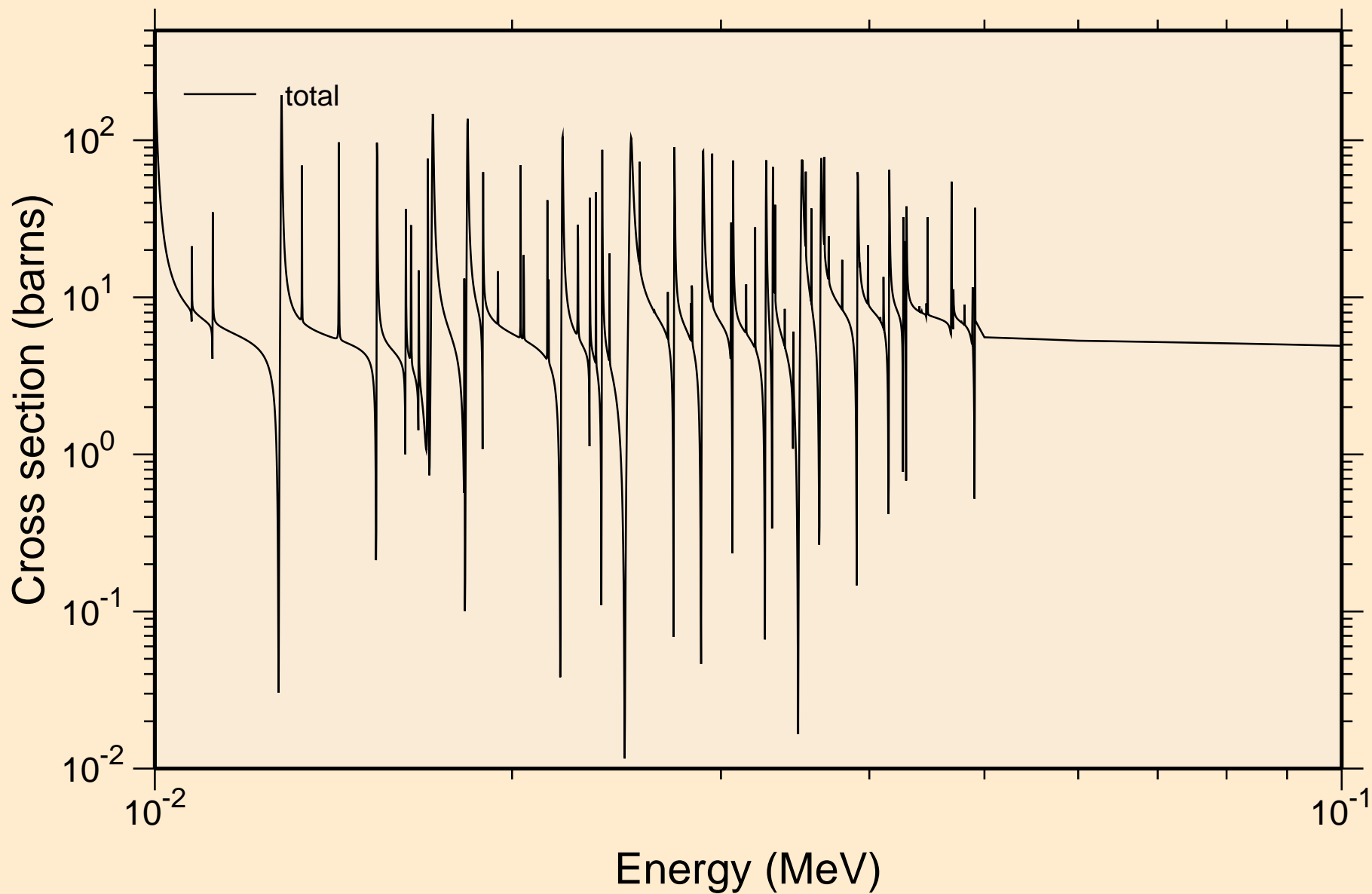
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



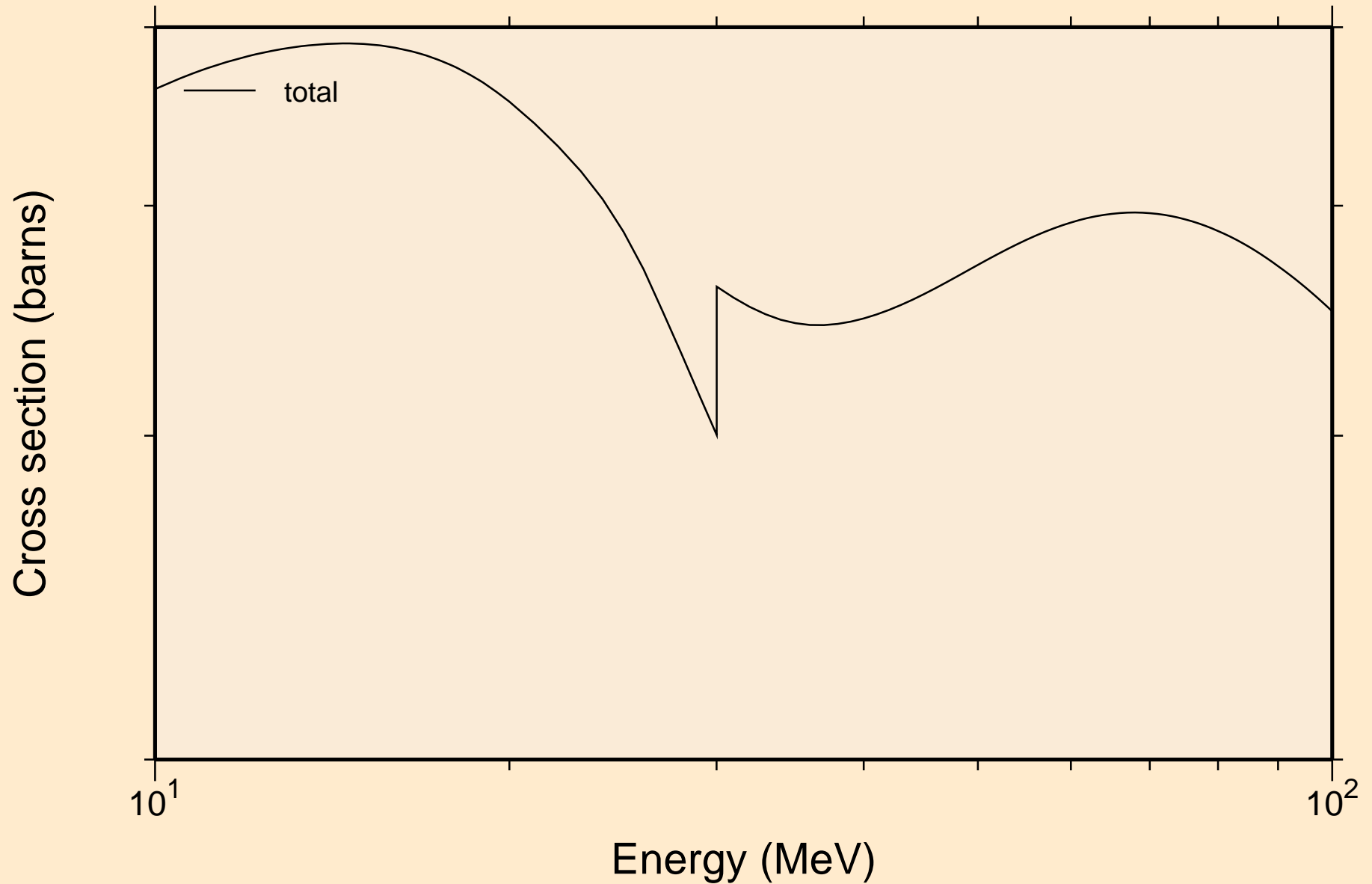
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



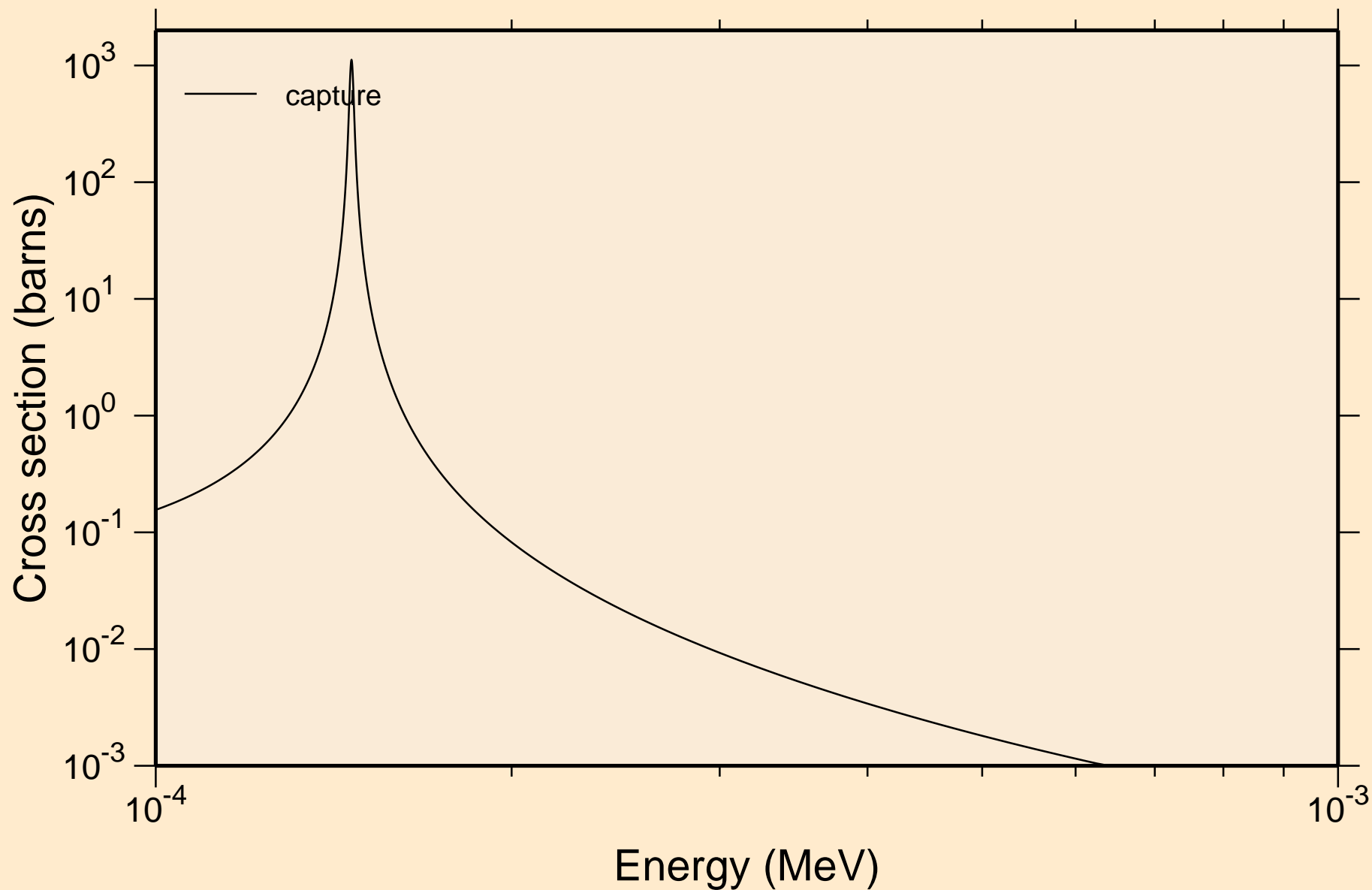
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



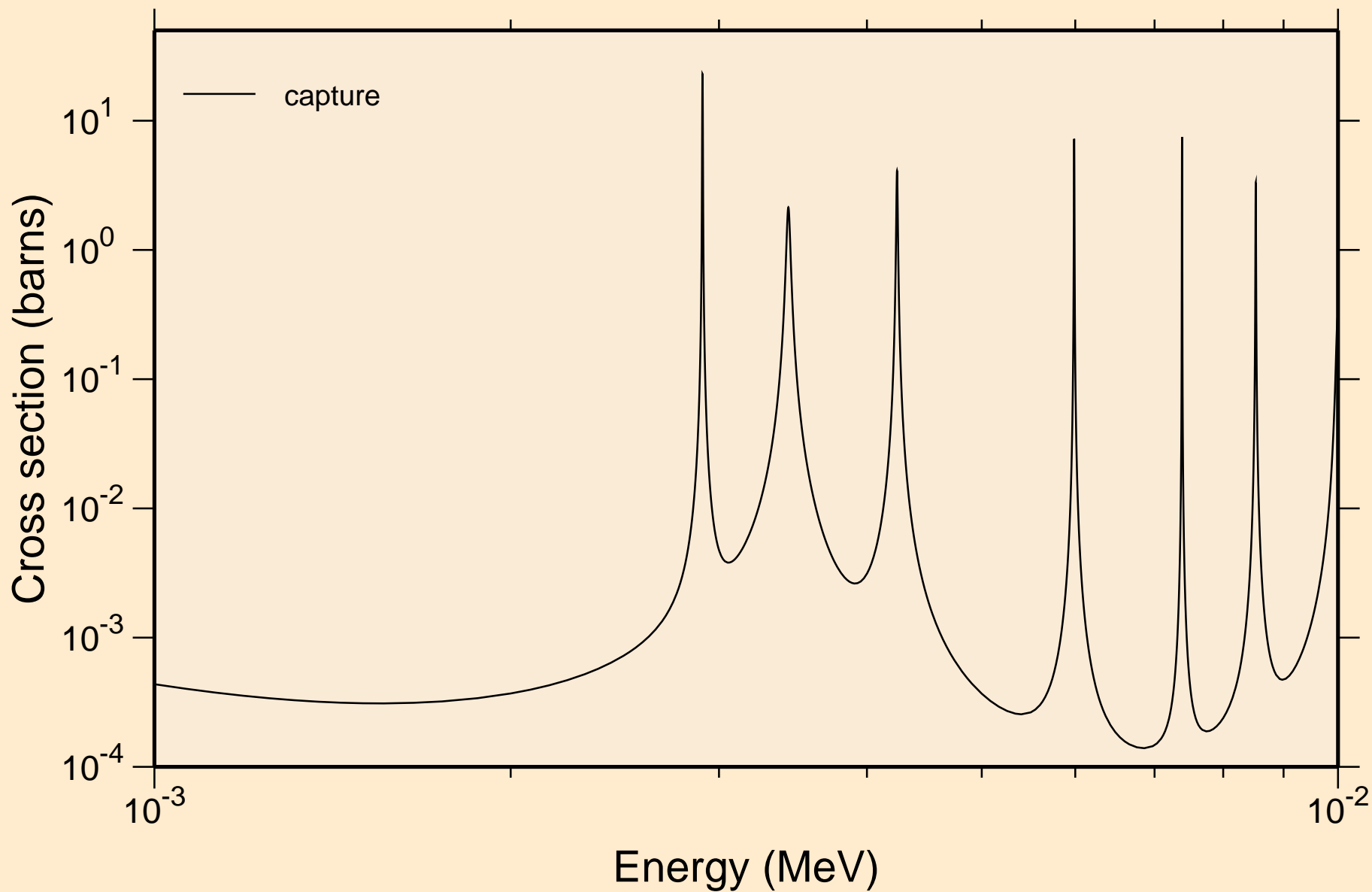
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



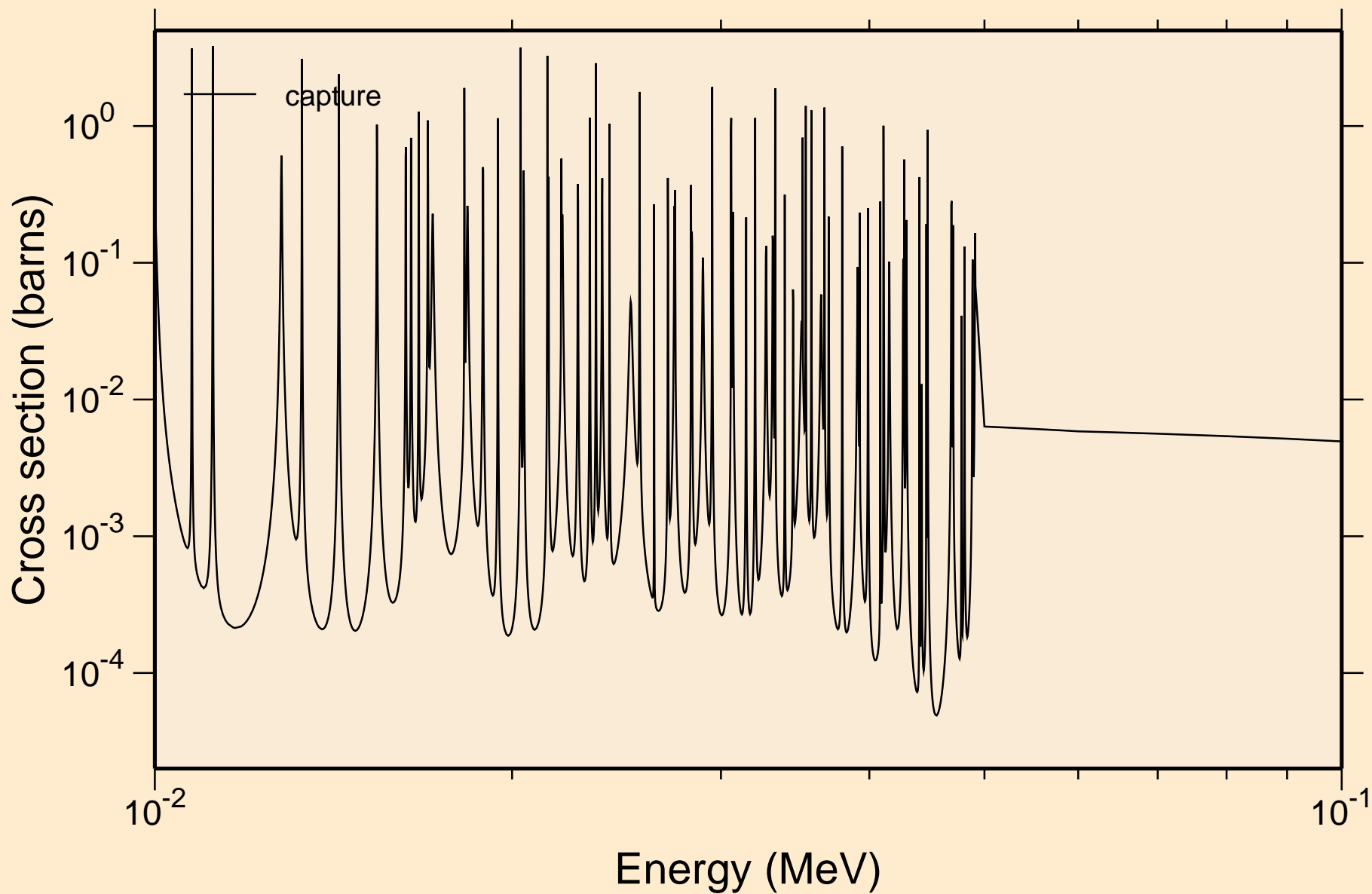
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



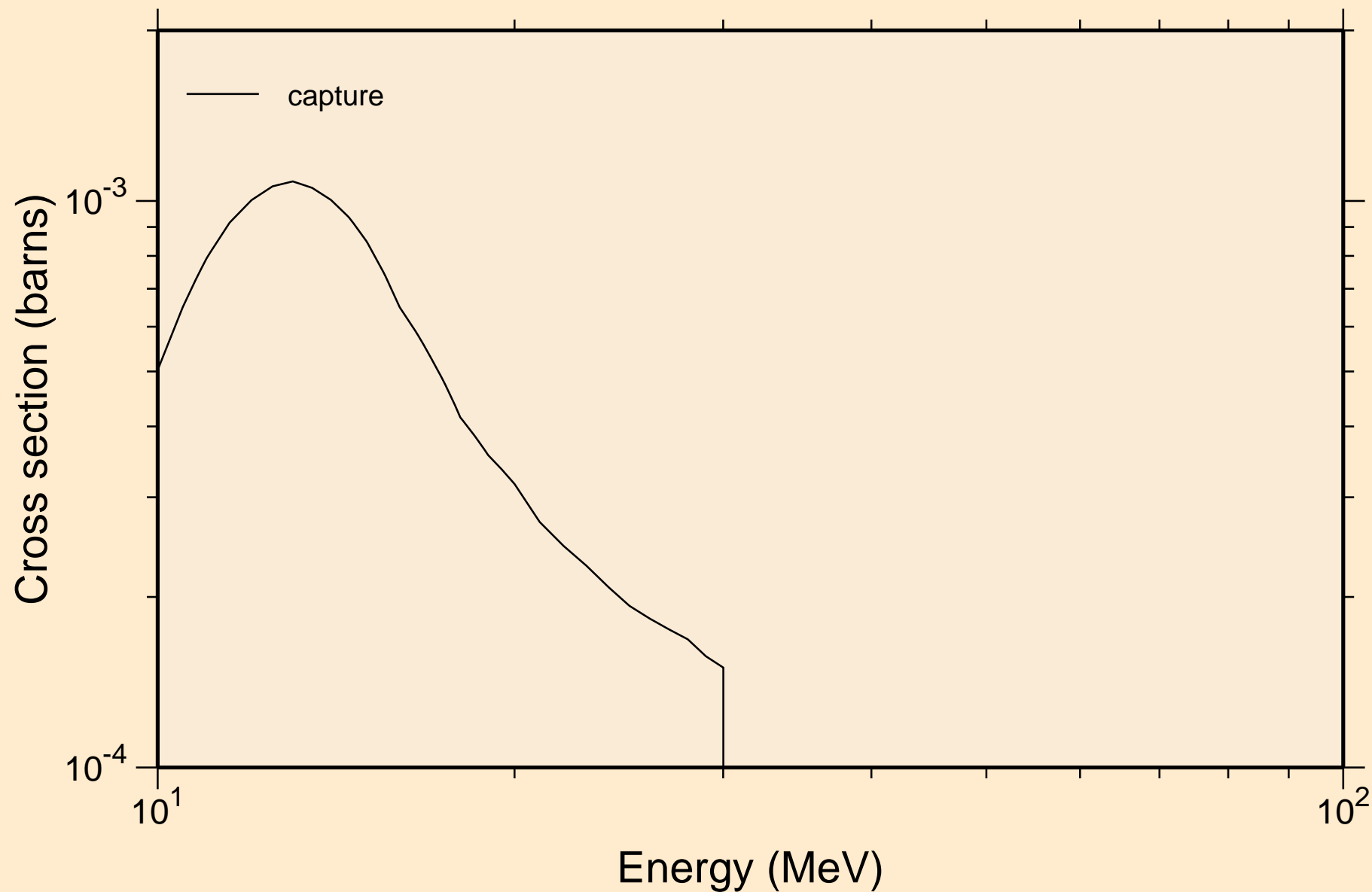
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



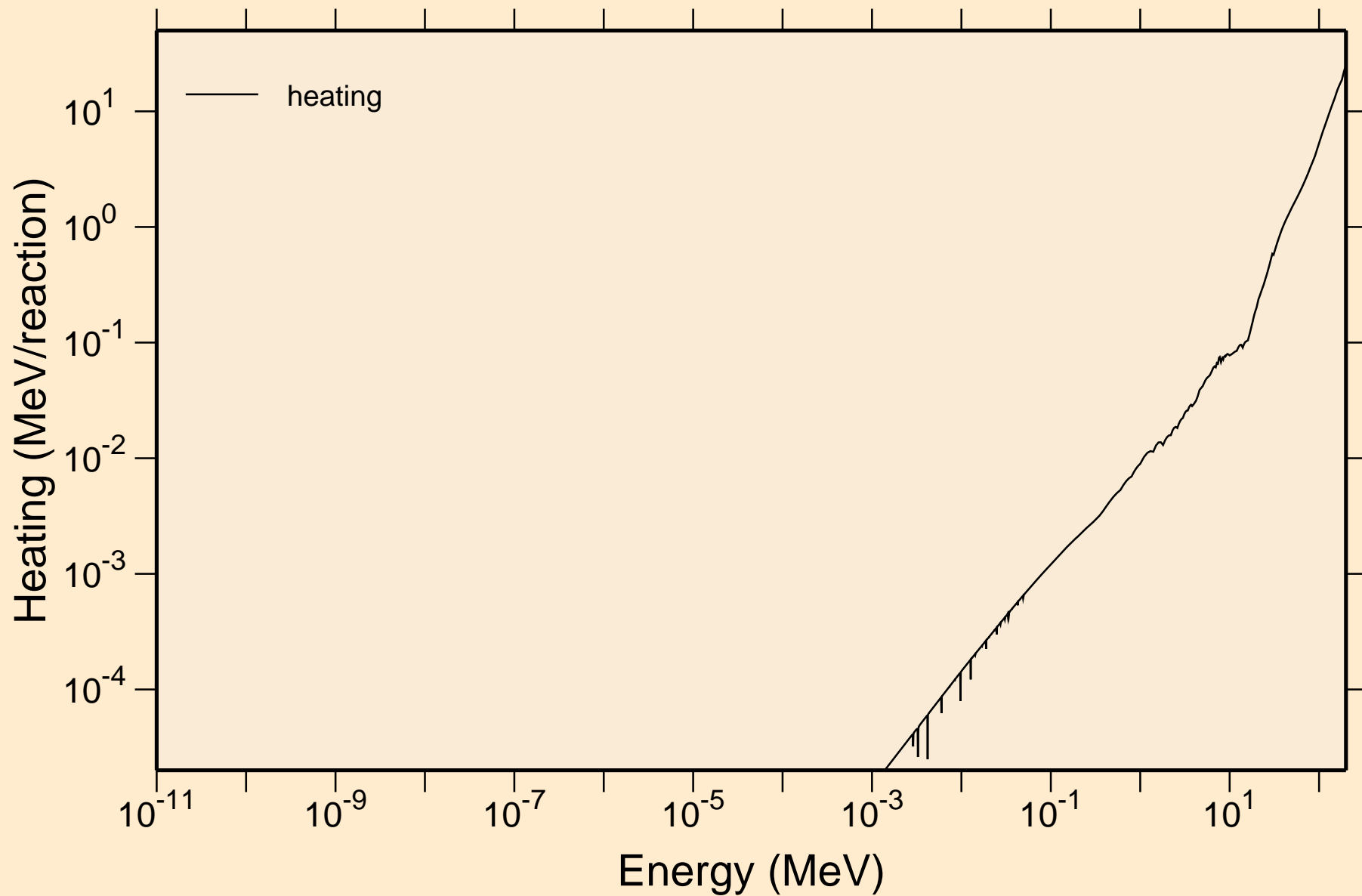
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



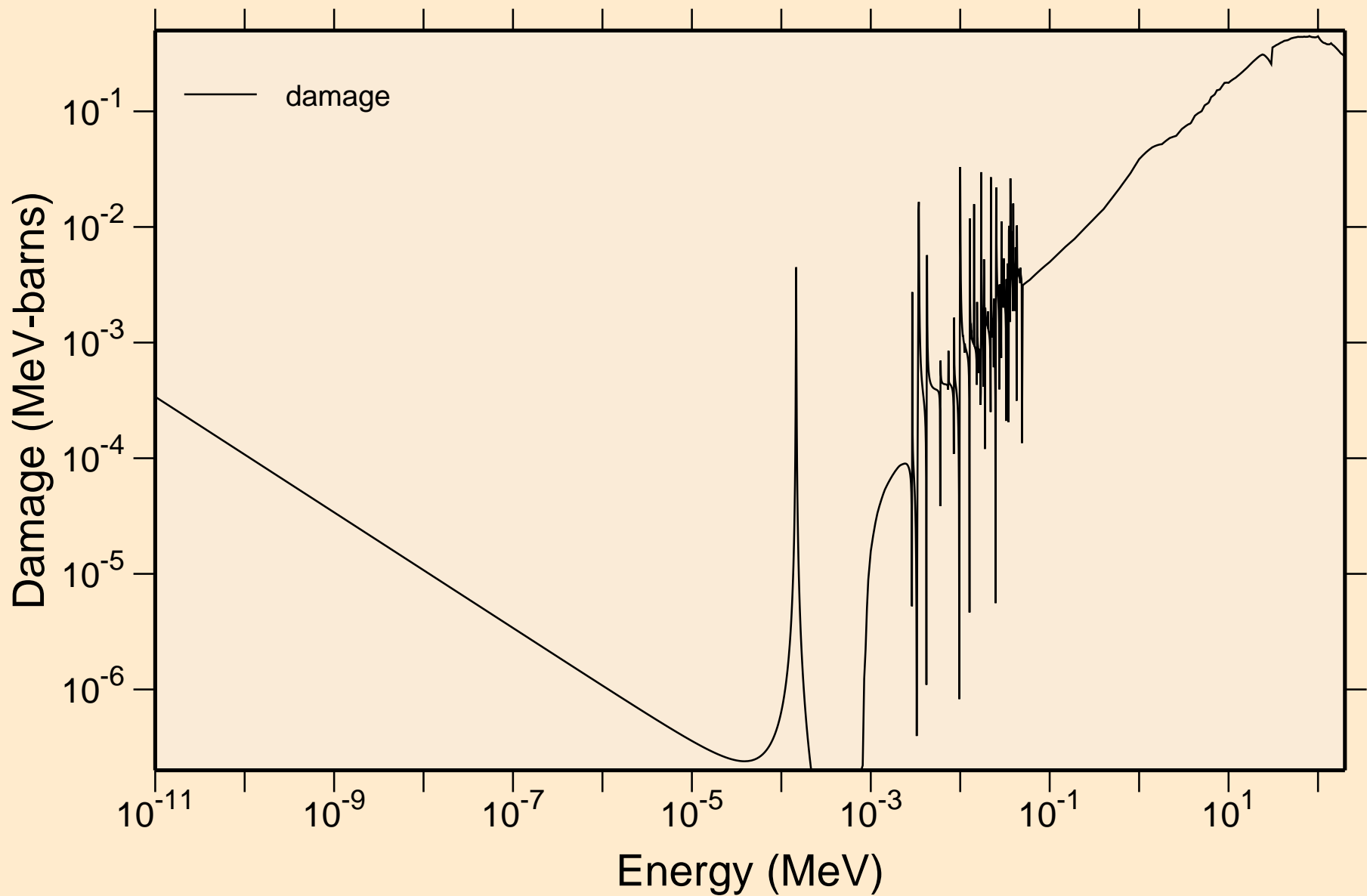
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



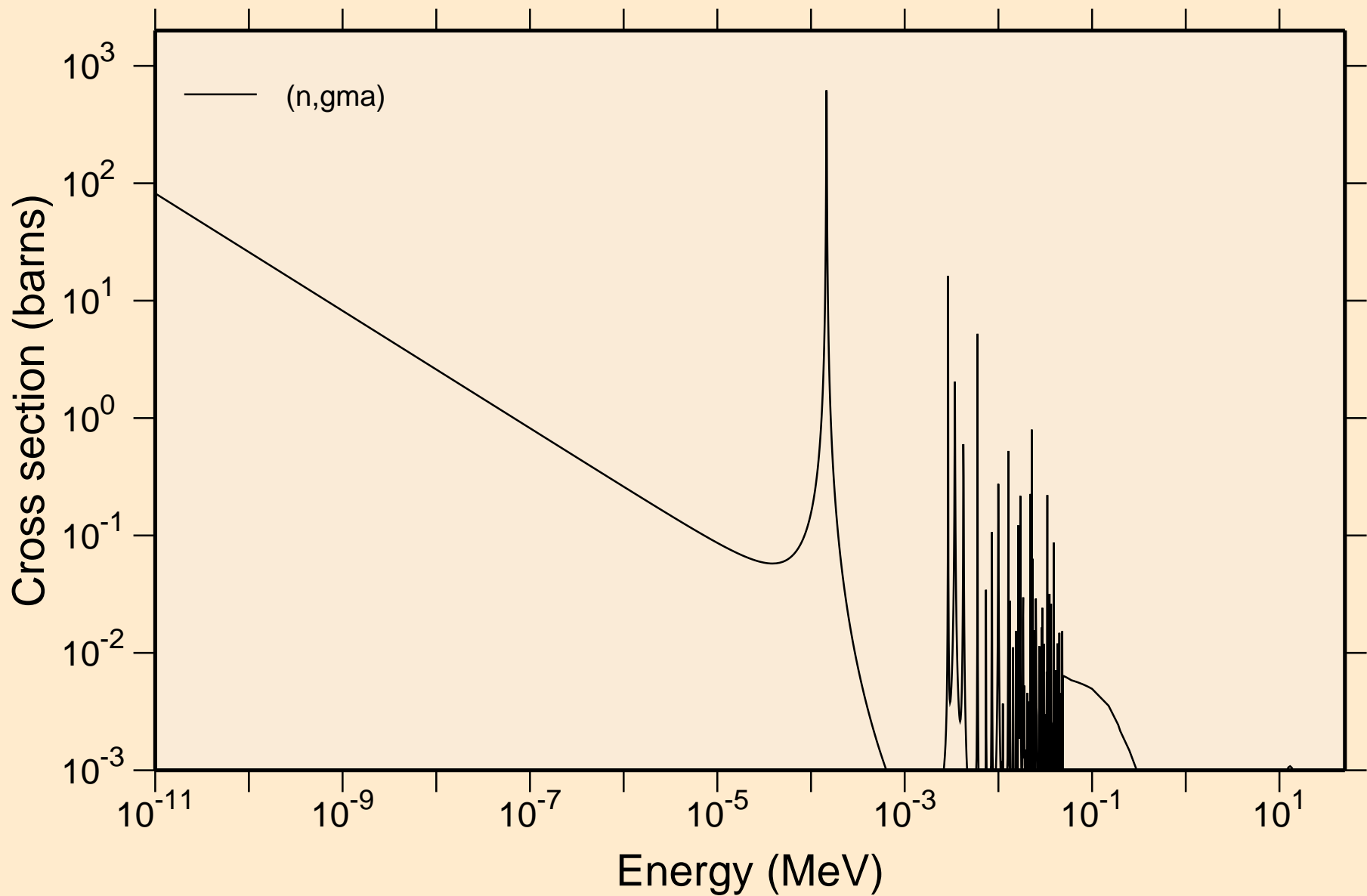
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



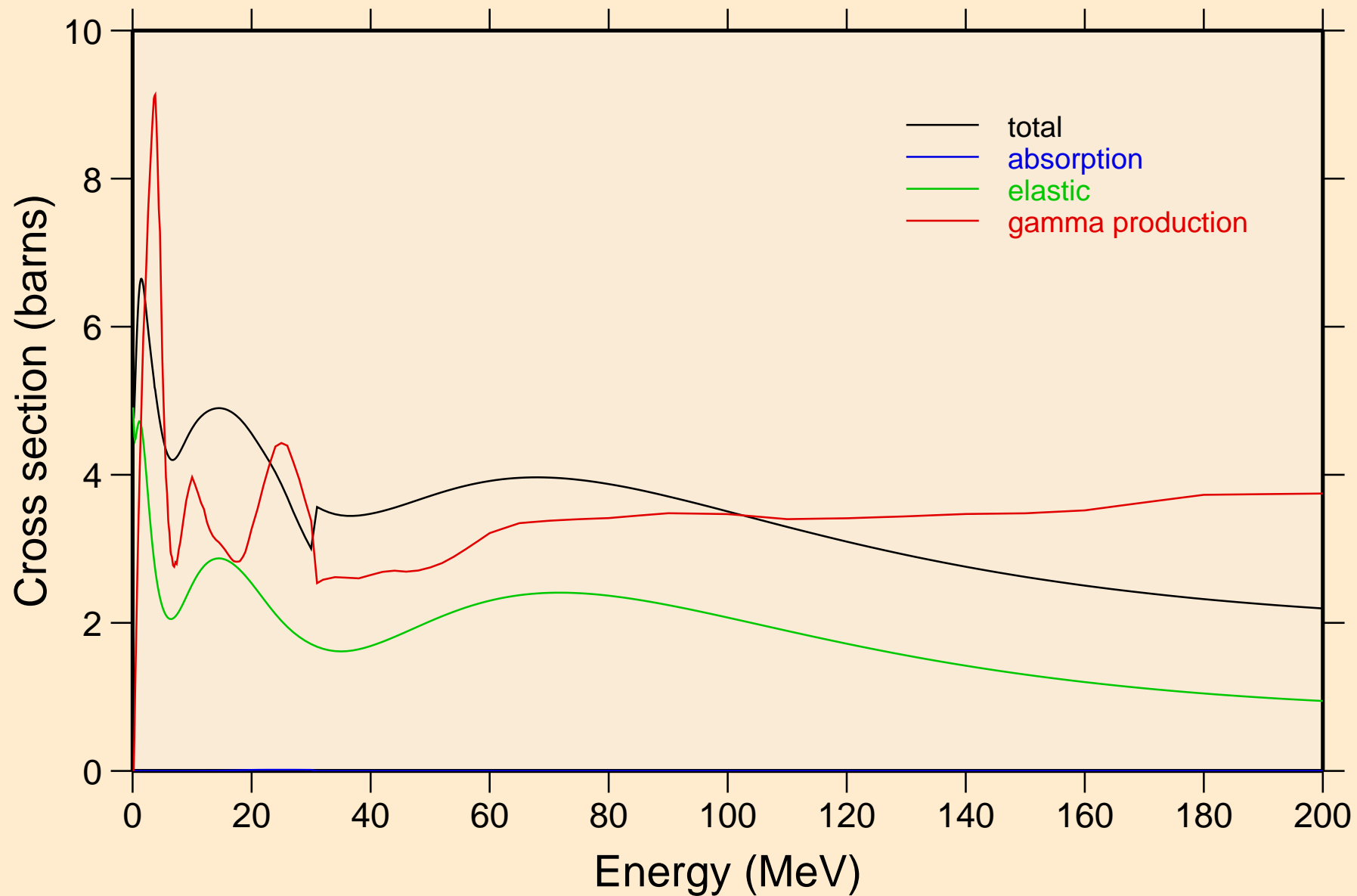
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



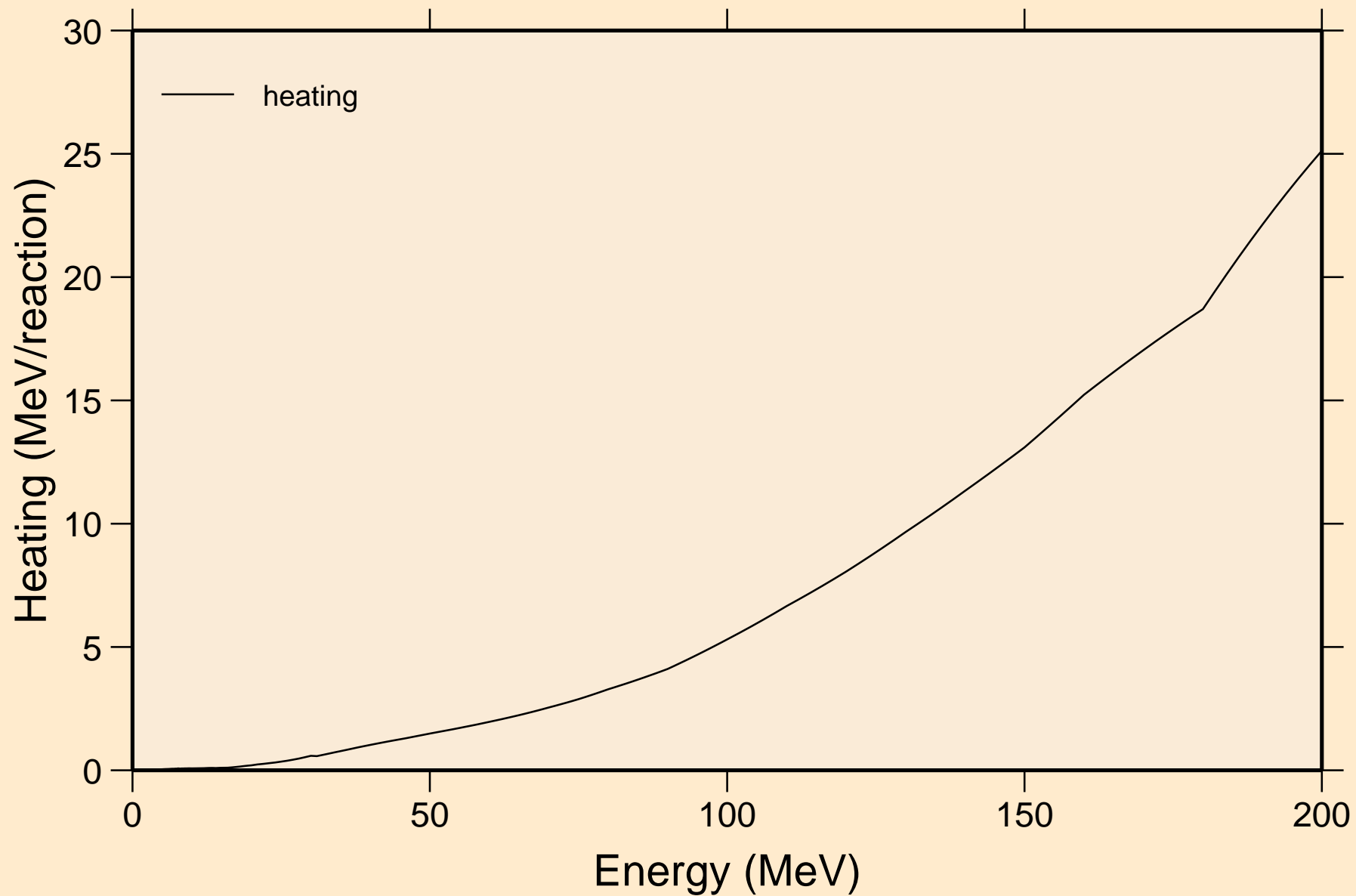
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



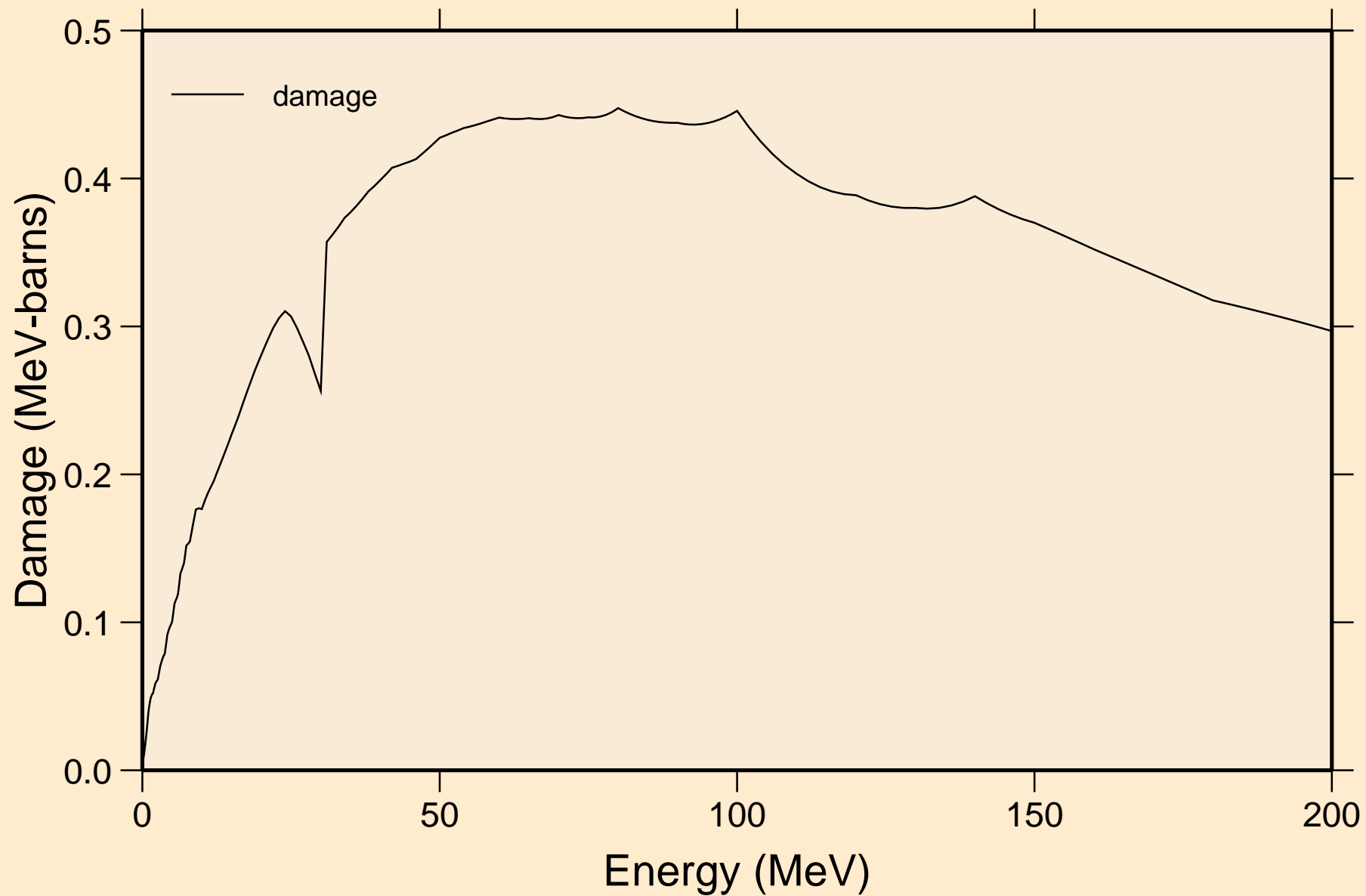
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



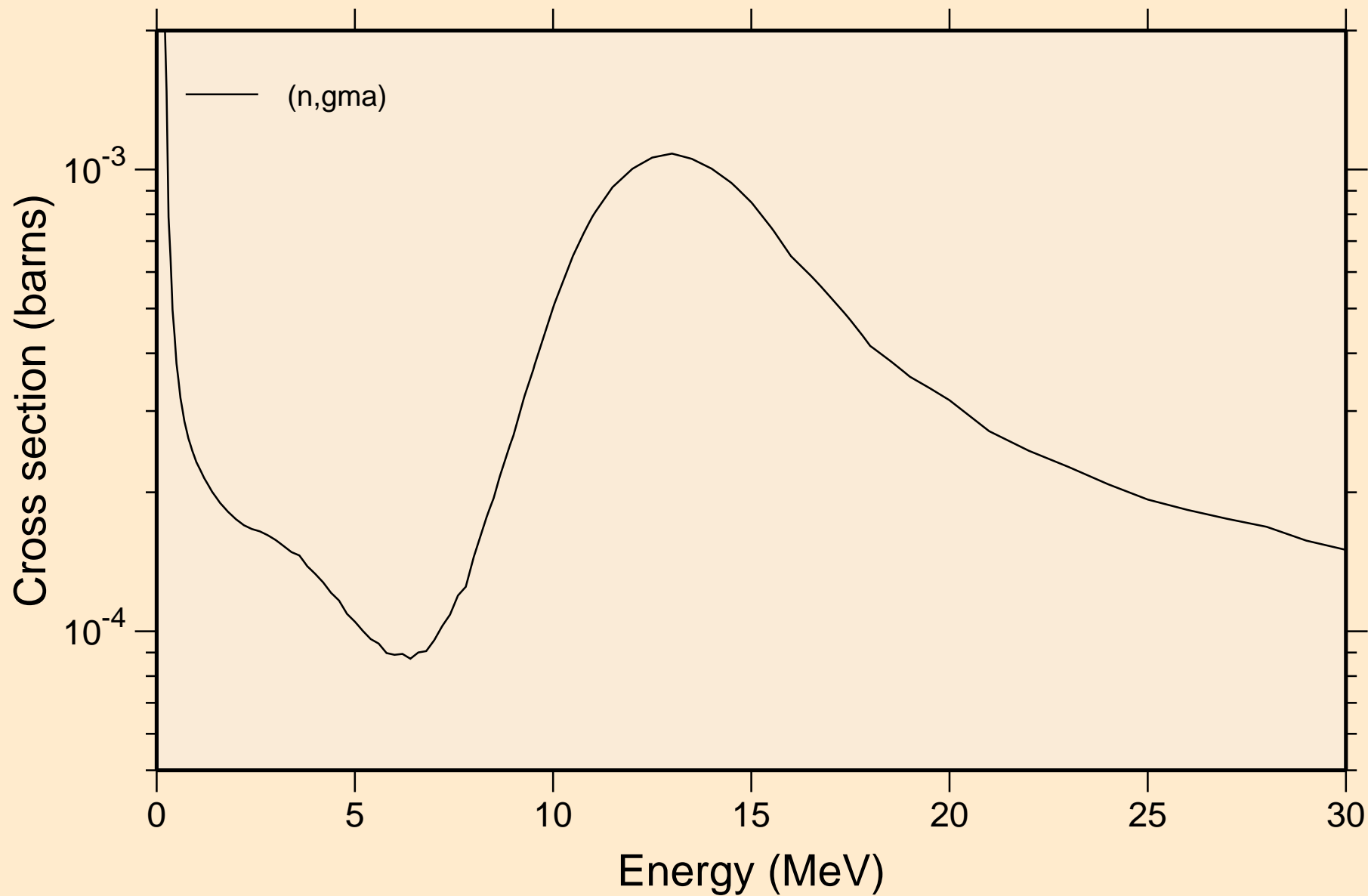
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



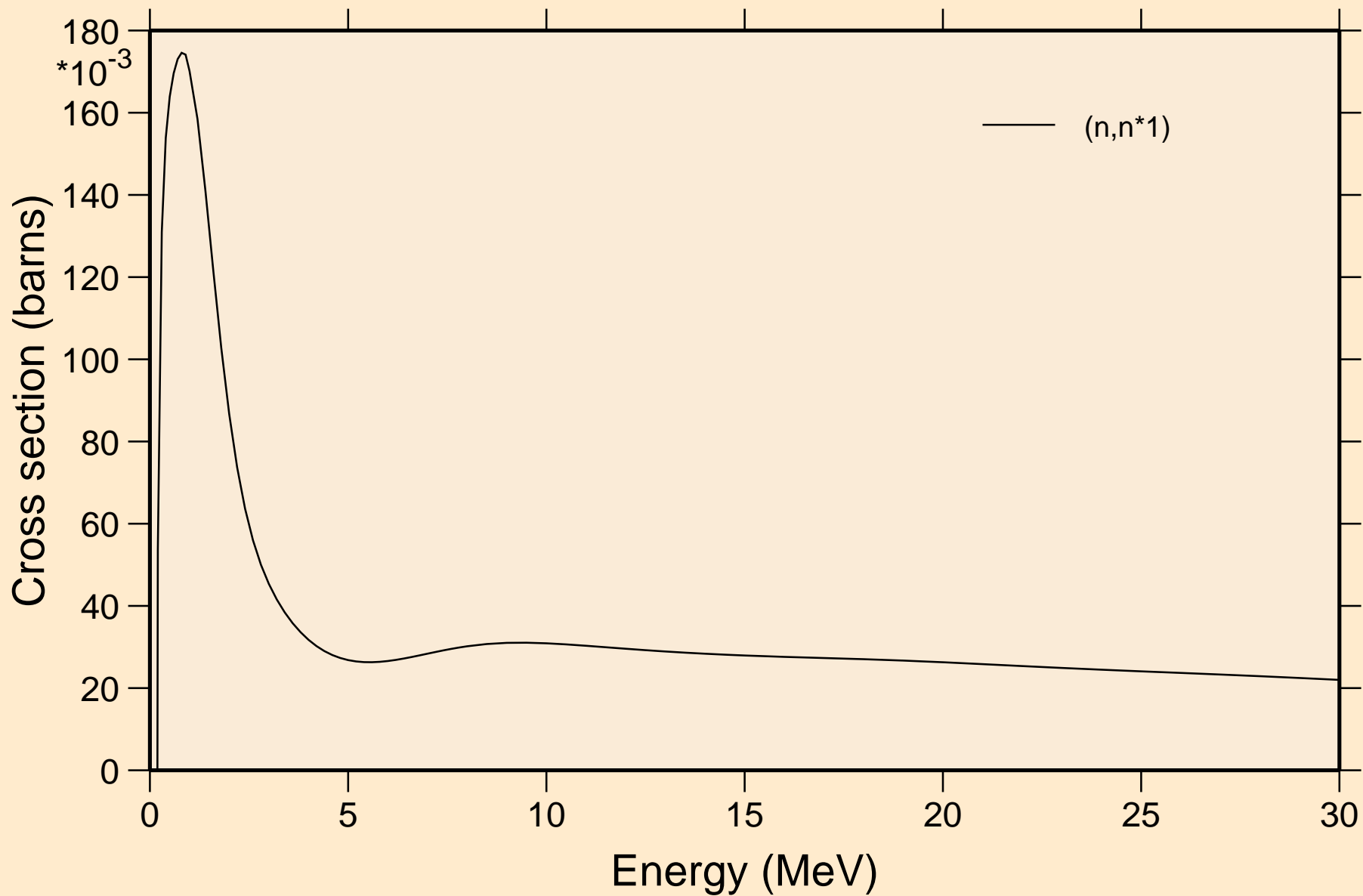
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

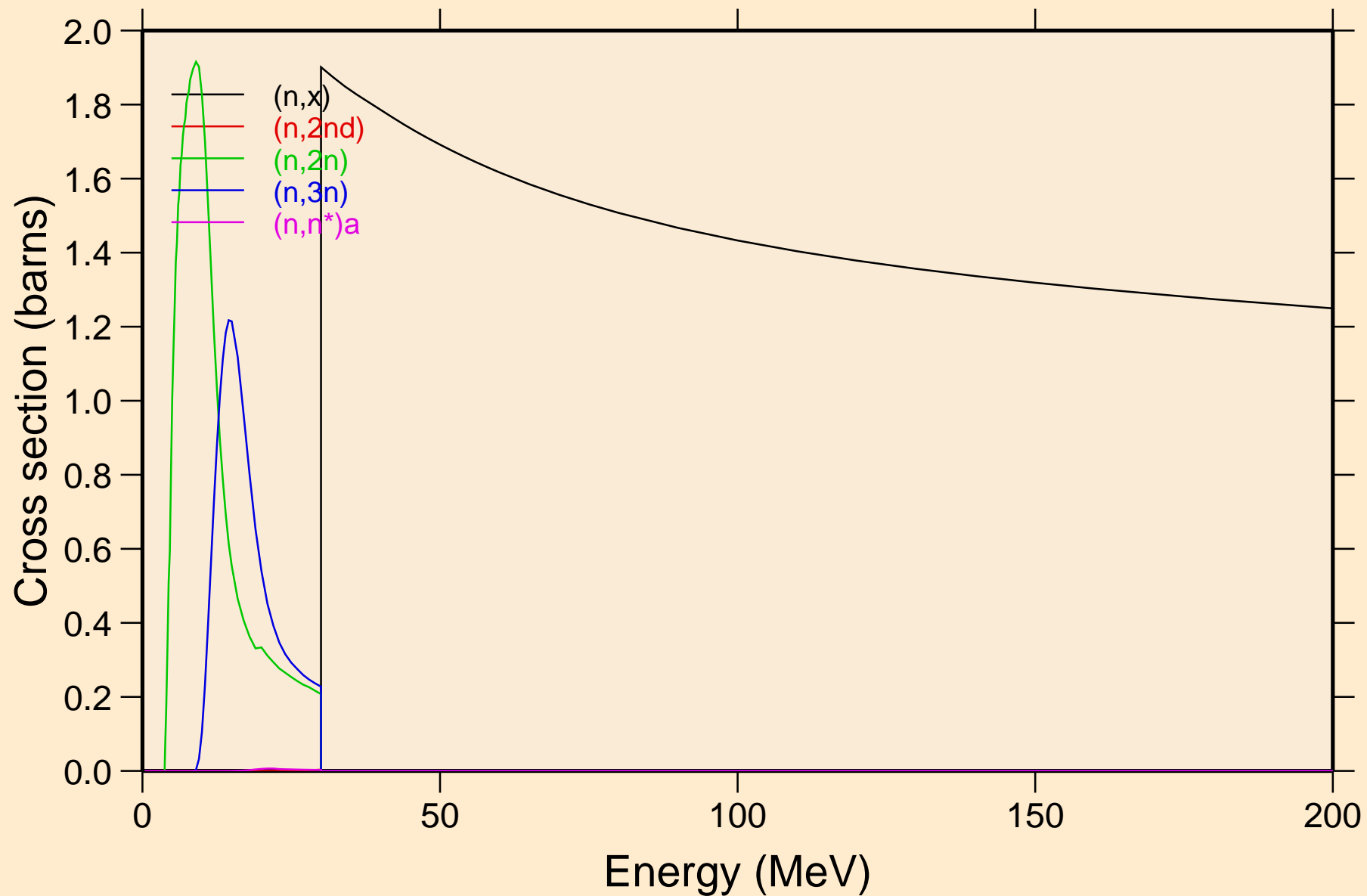


I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

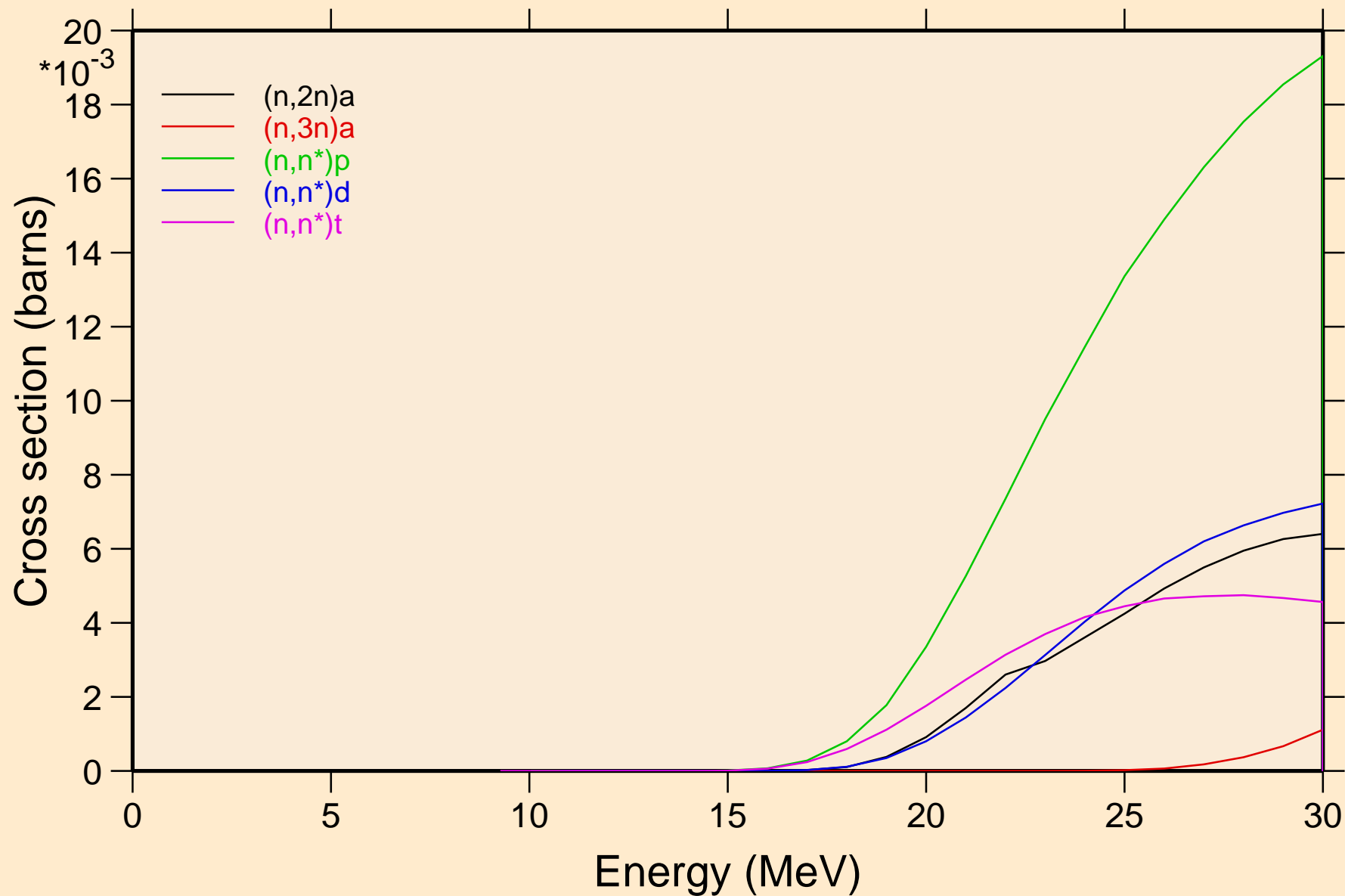


I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

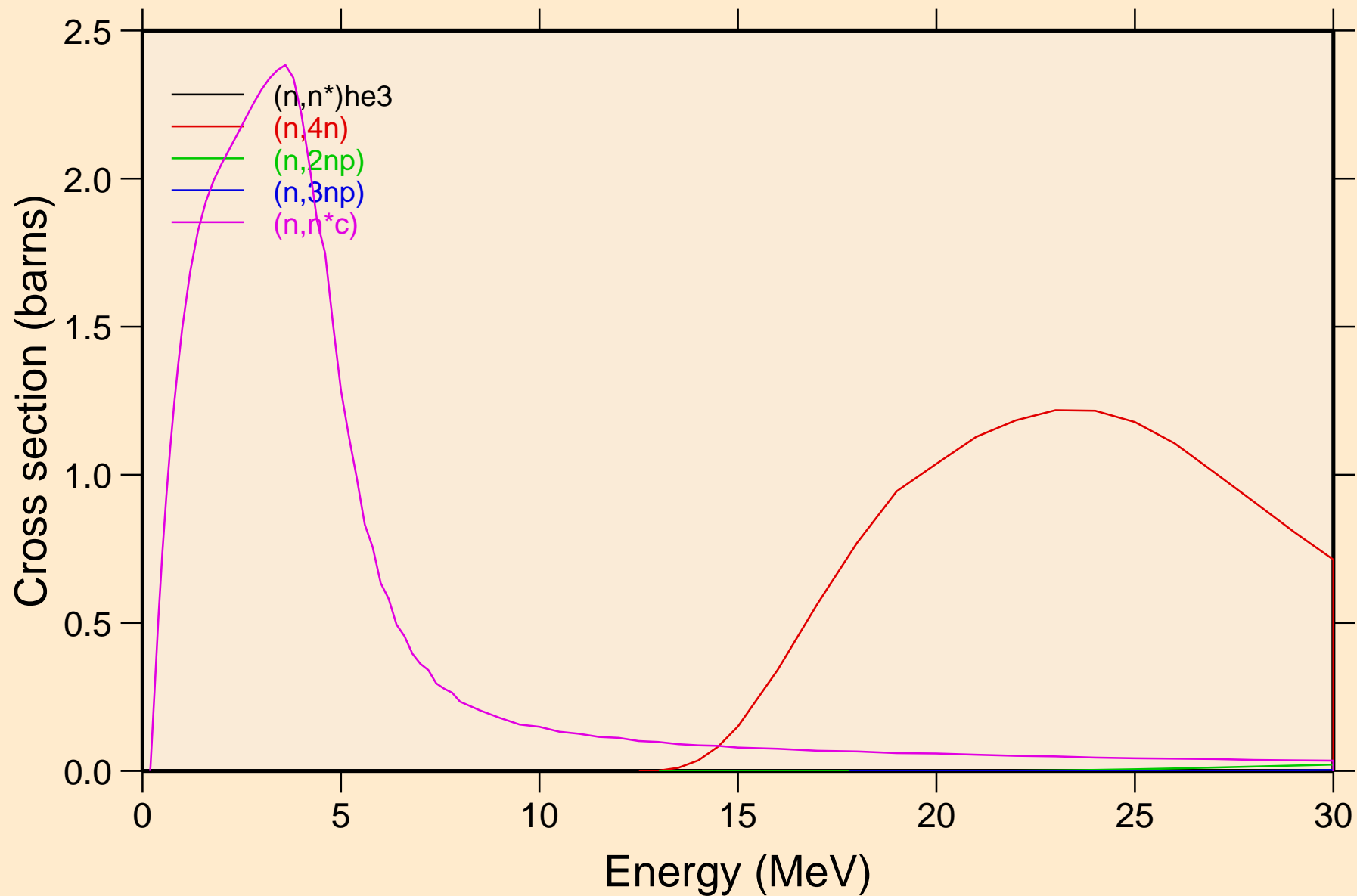
Threshold reactions



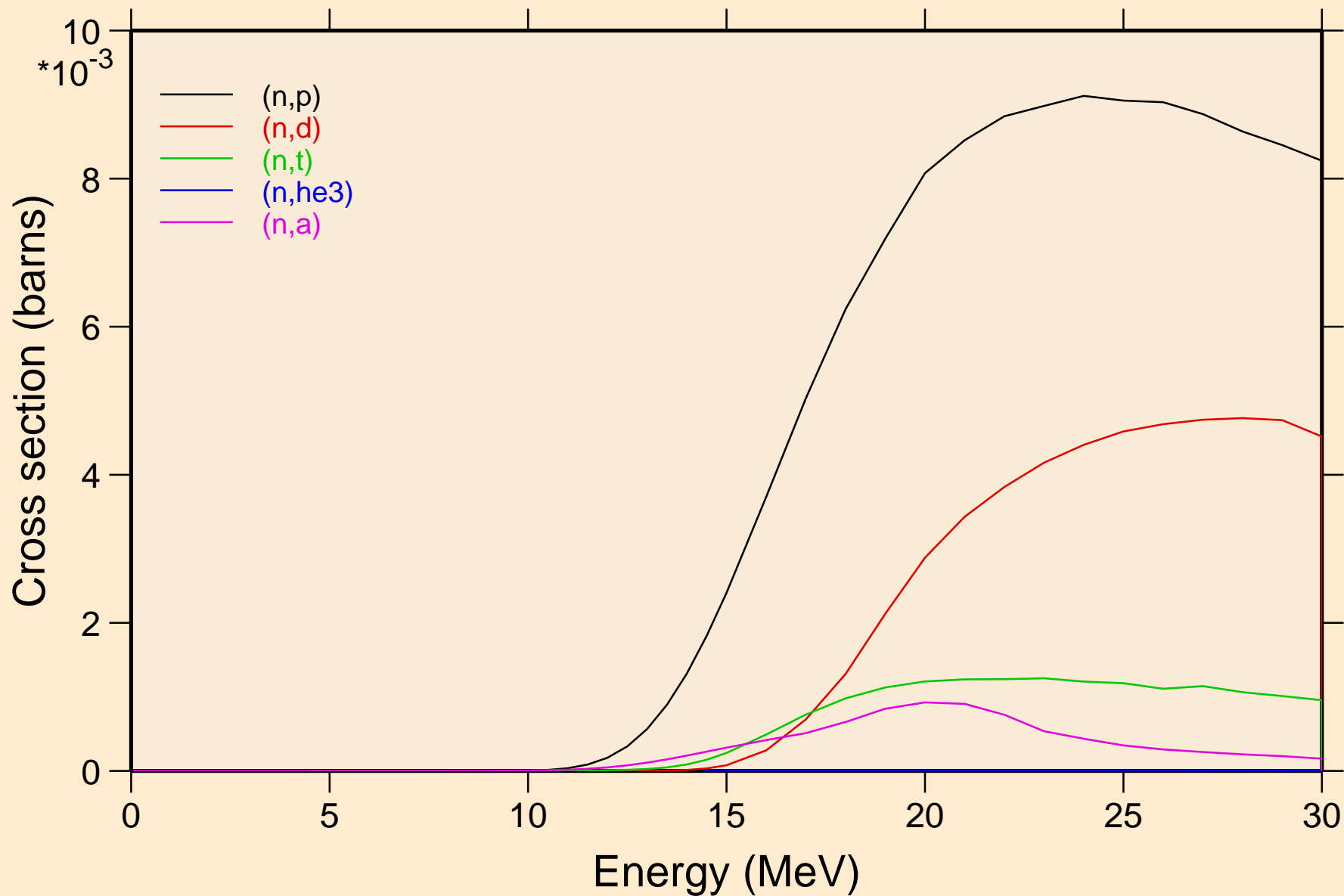
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



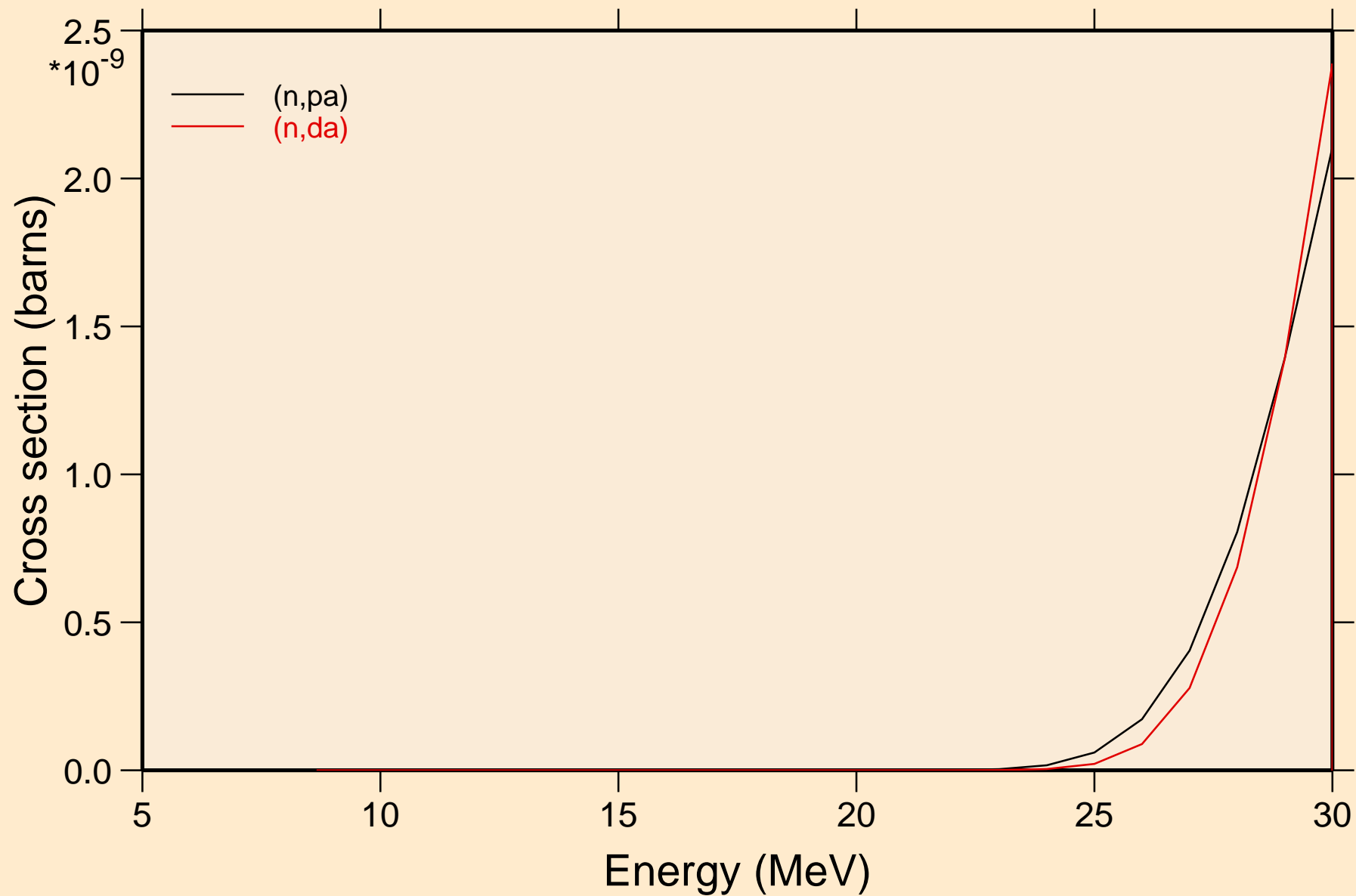
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



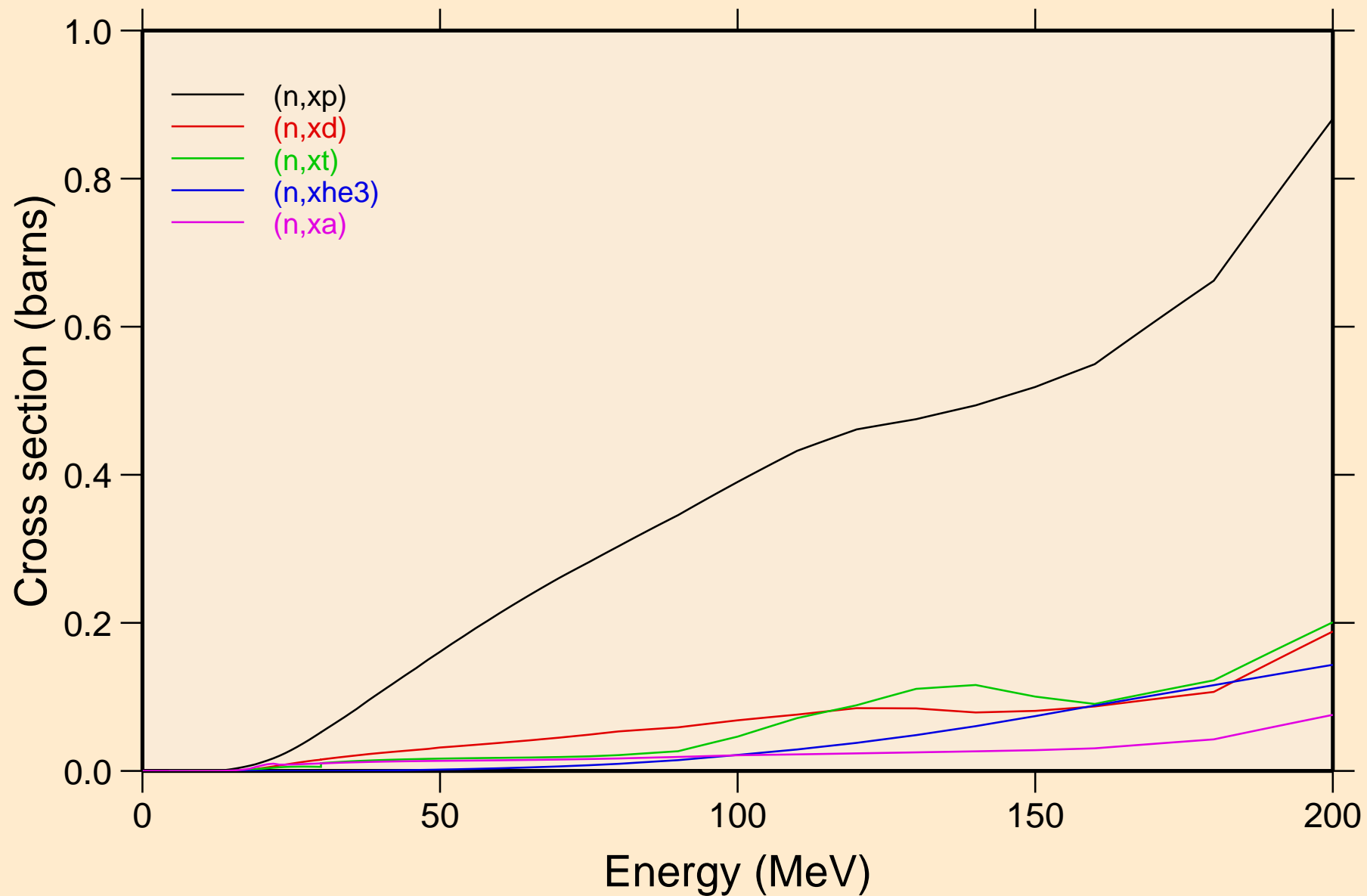
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



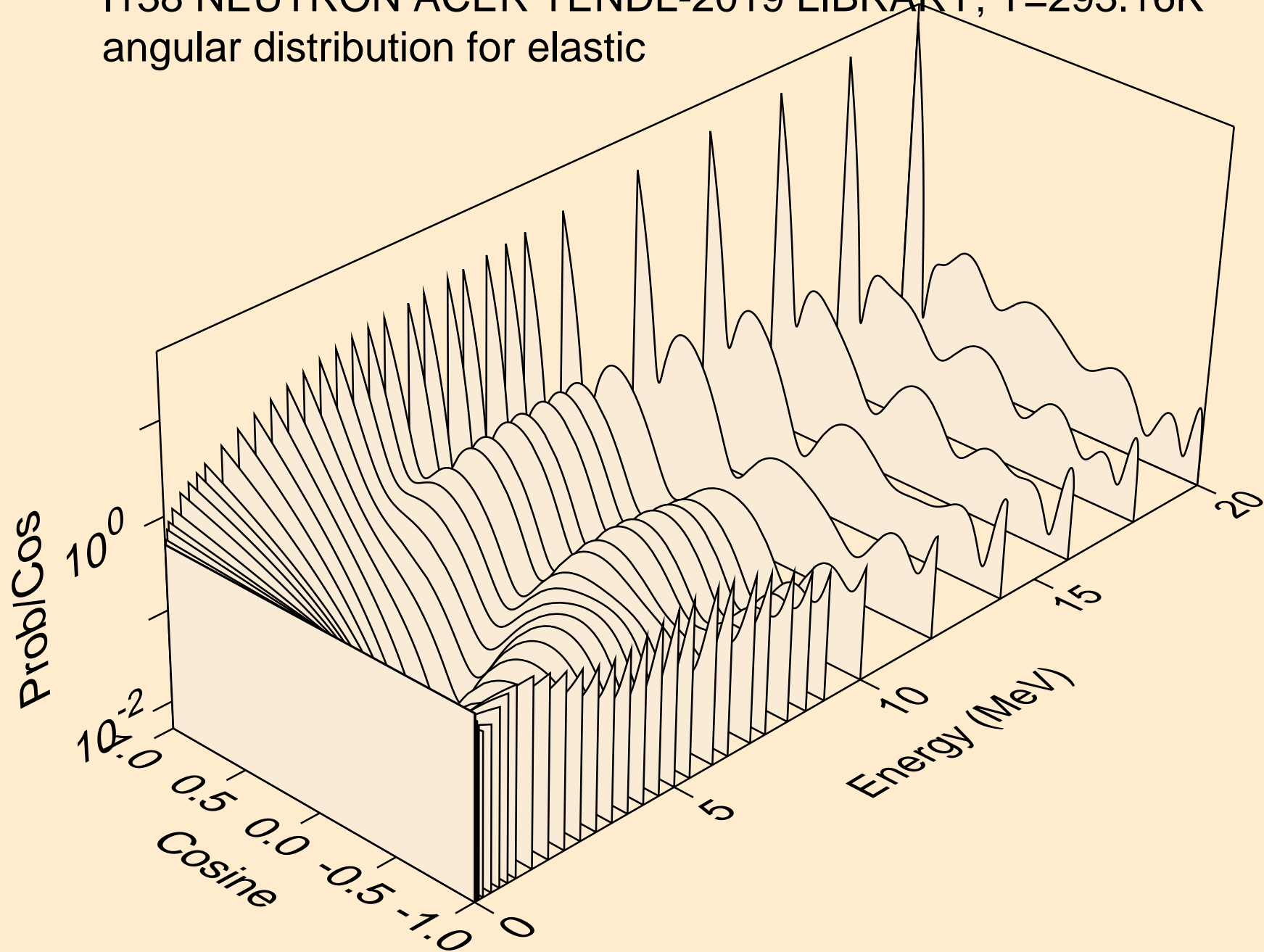
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



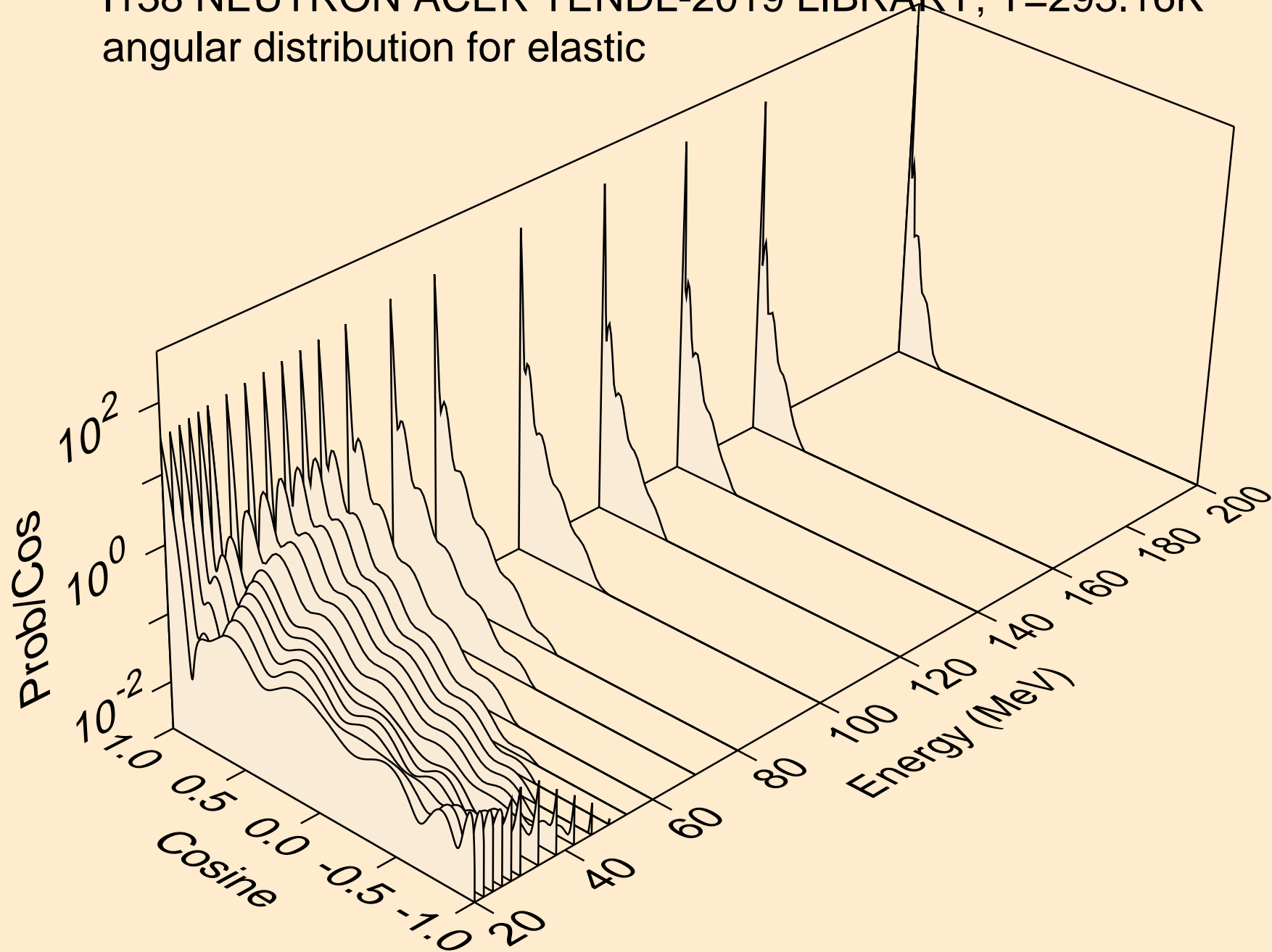
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



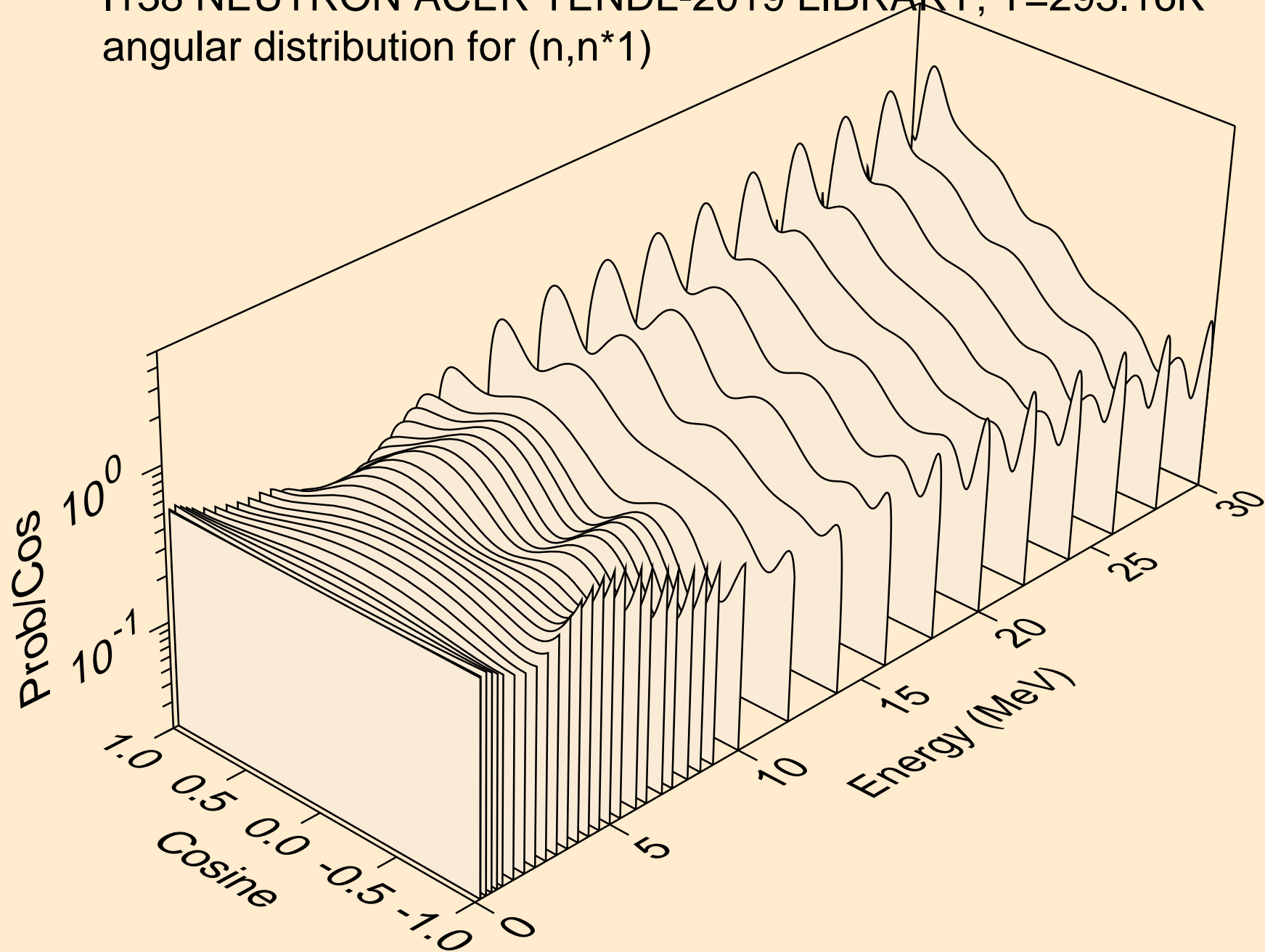
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



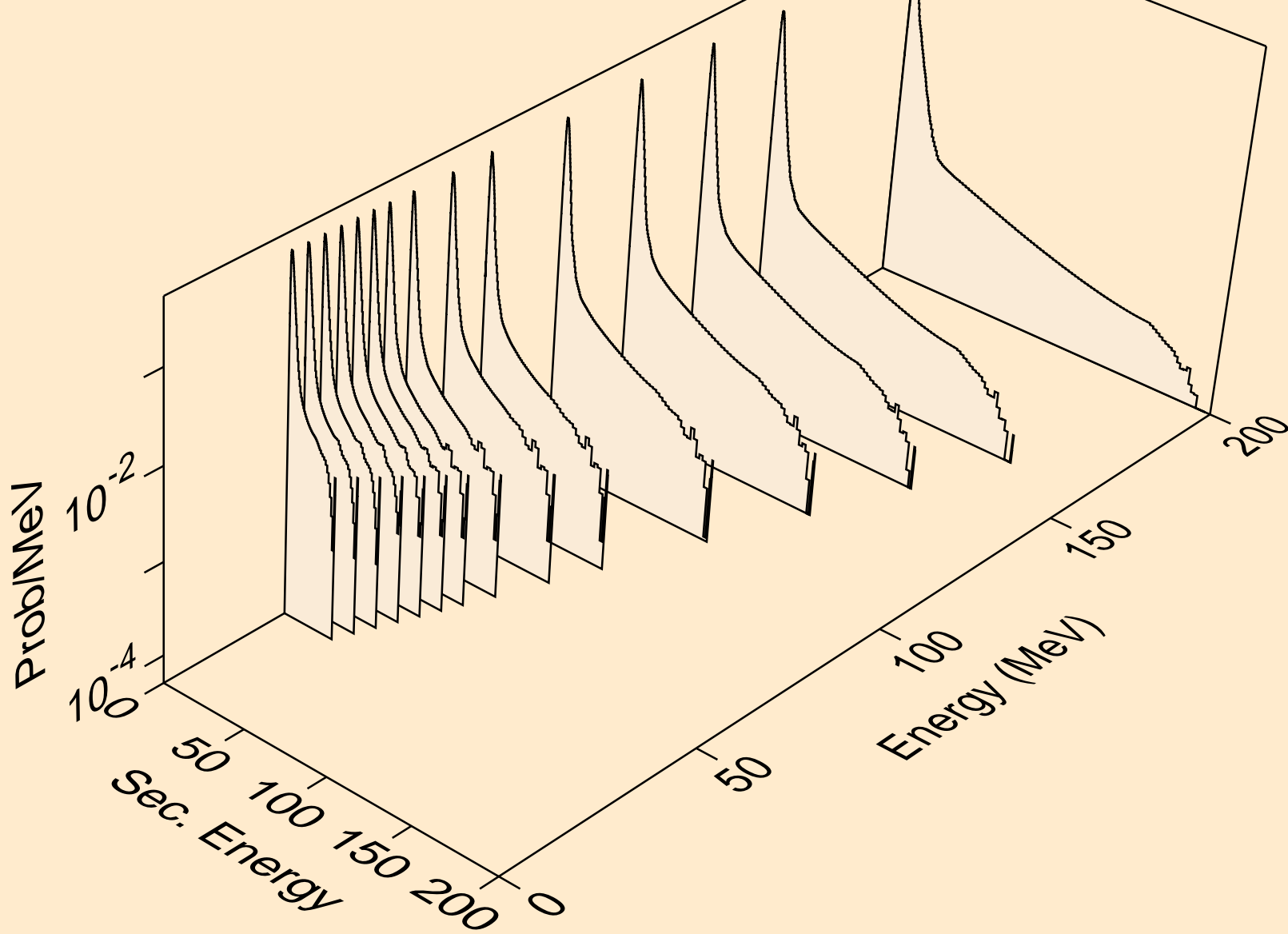
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



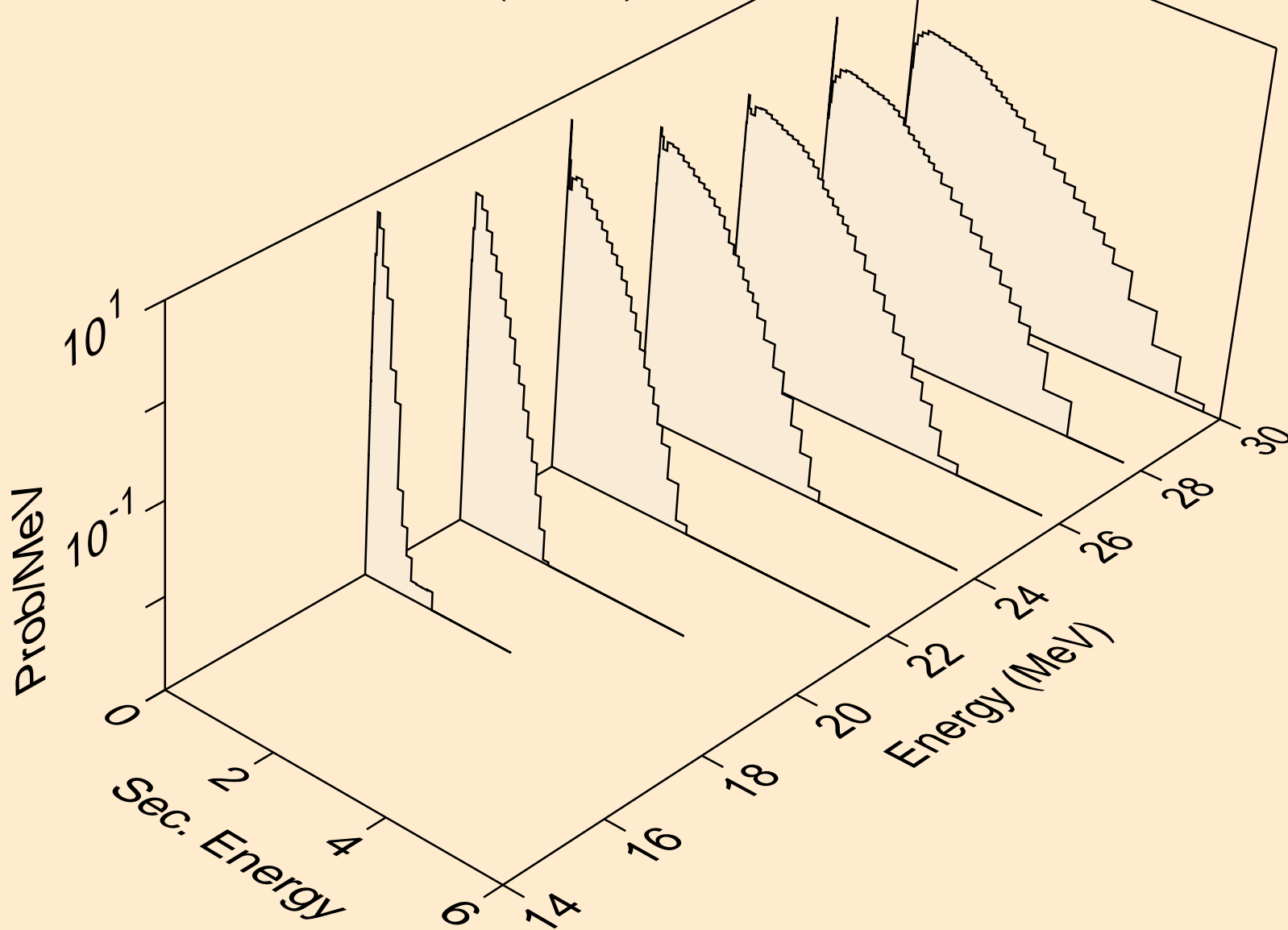
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



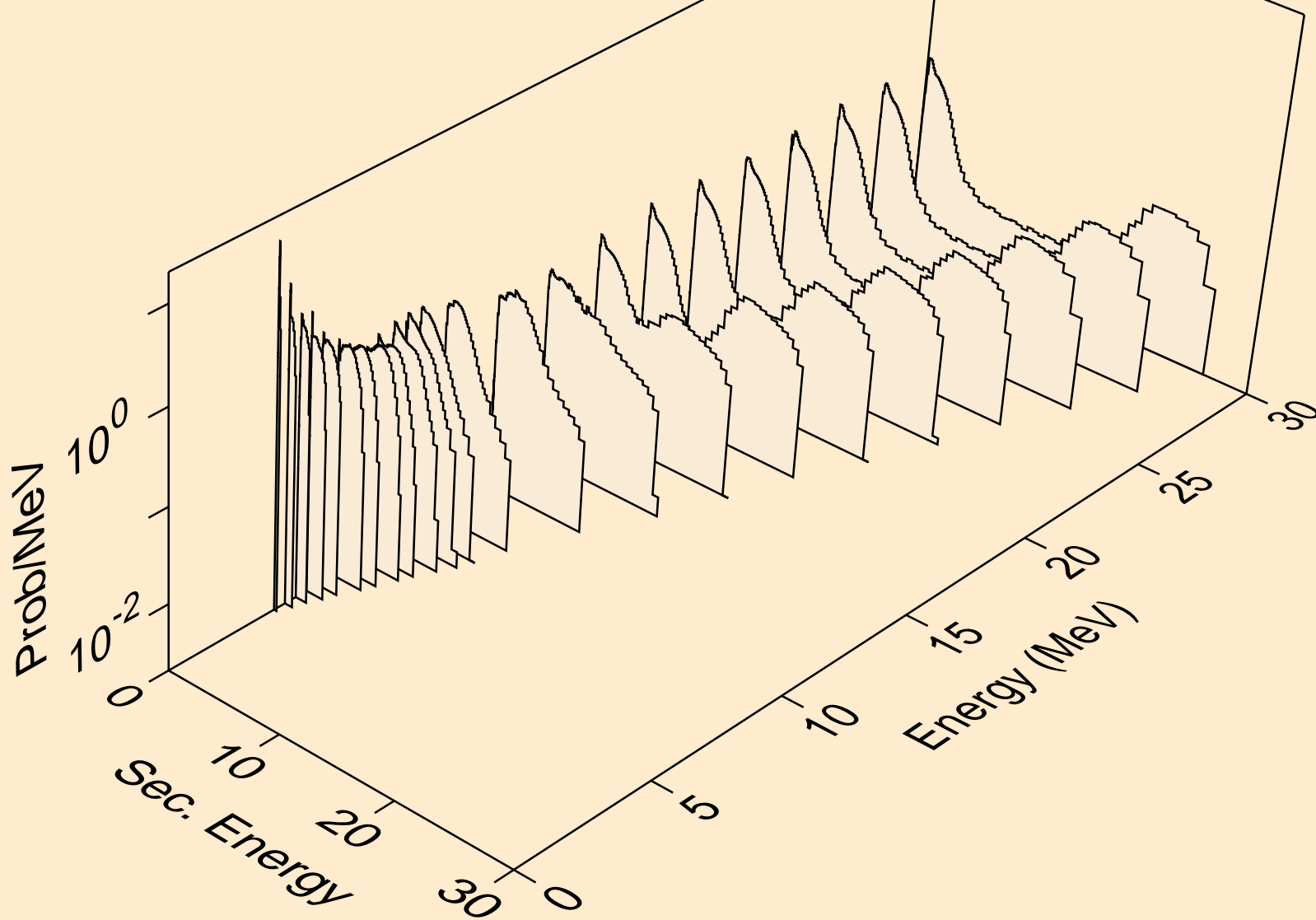
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



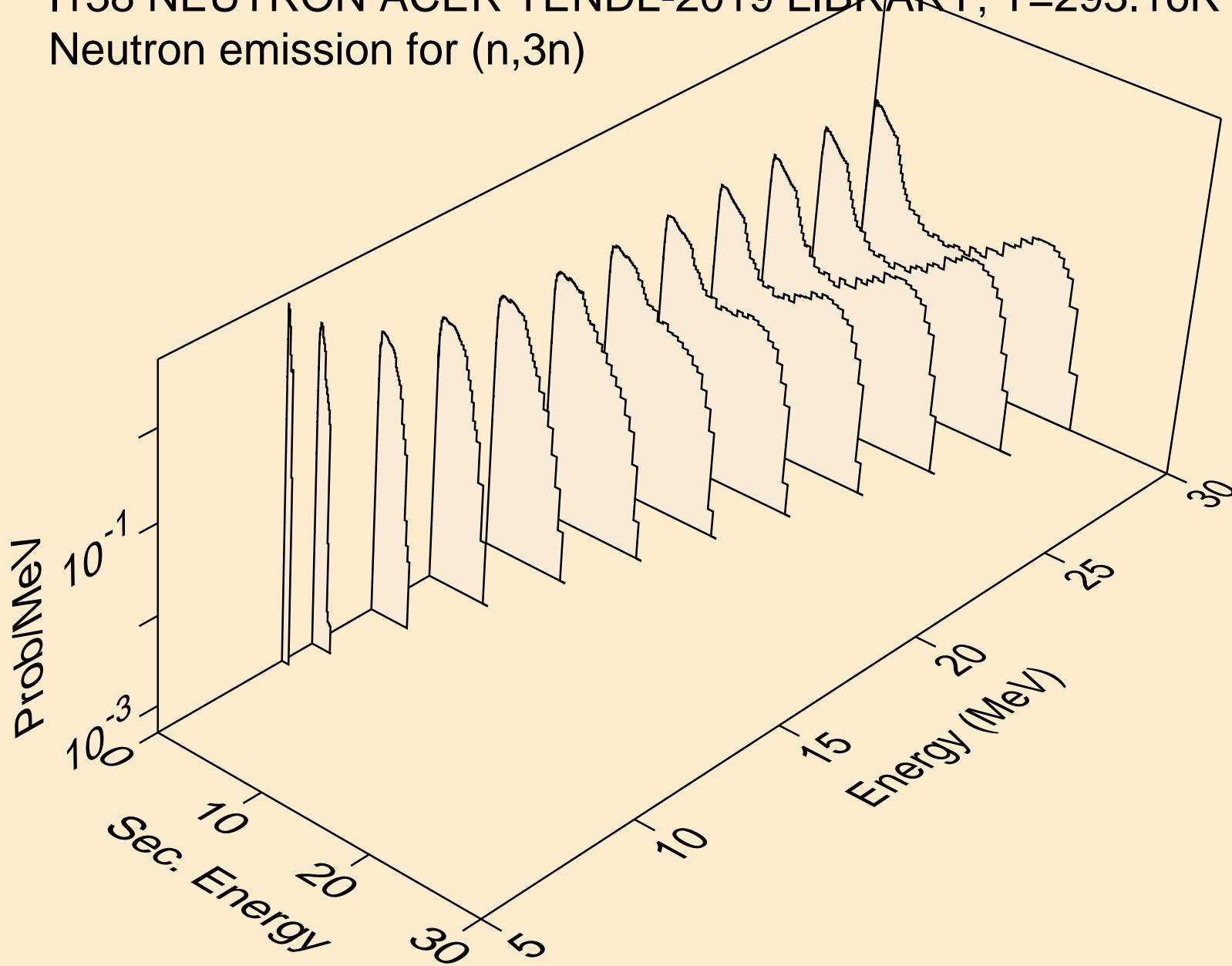
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



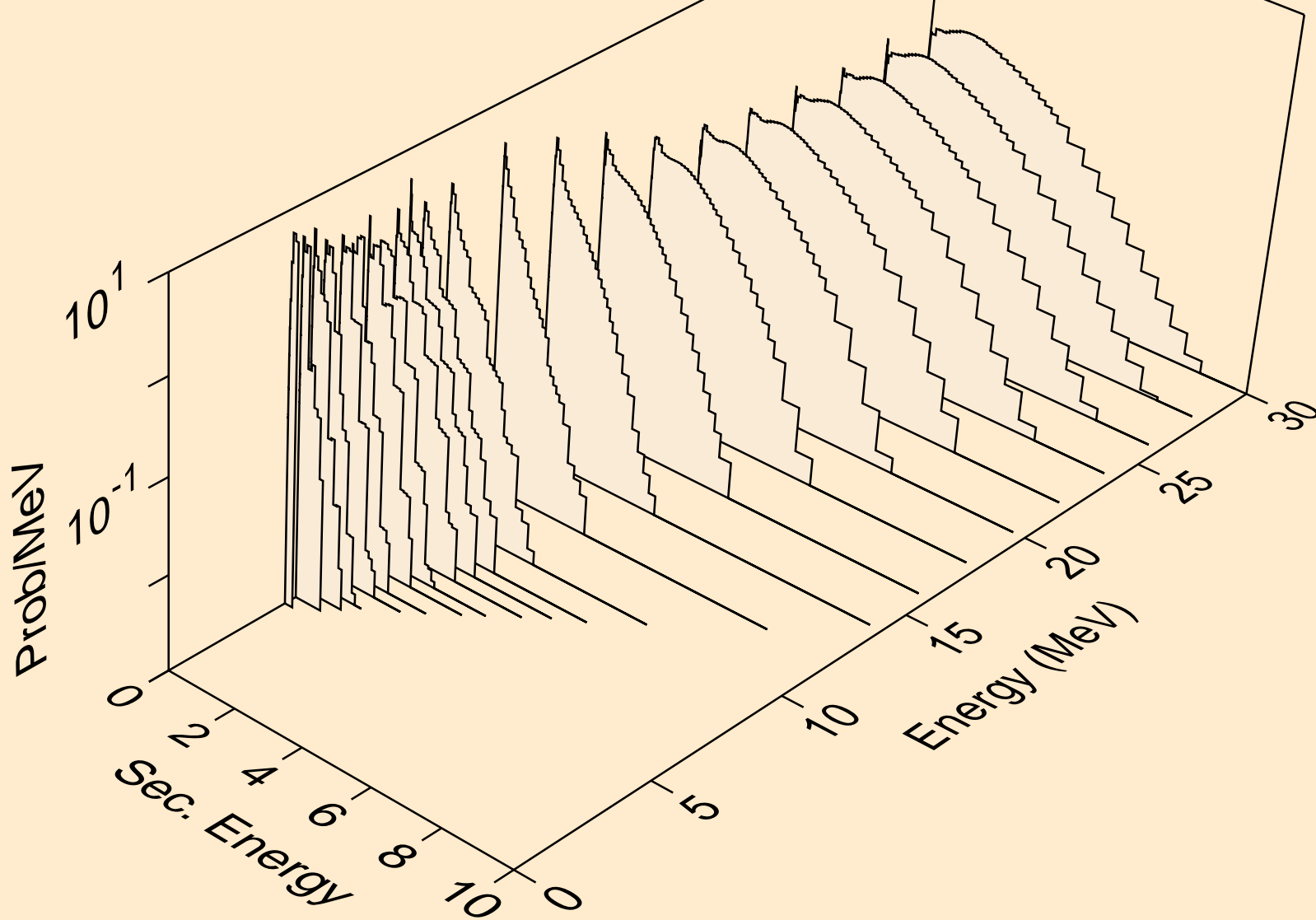
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



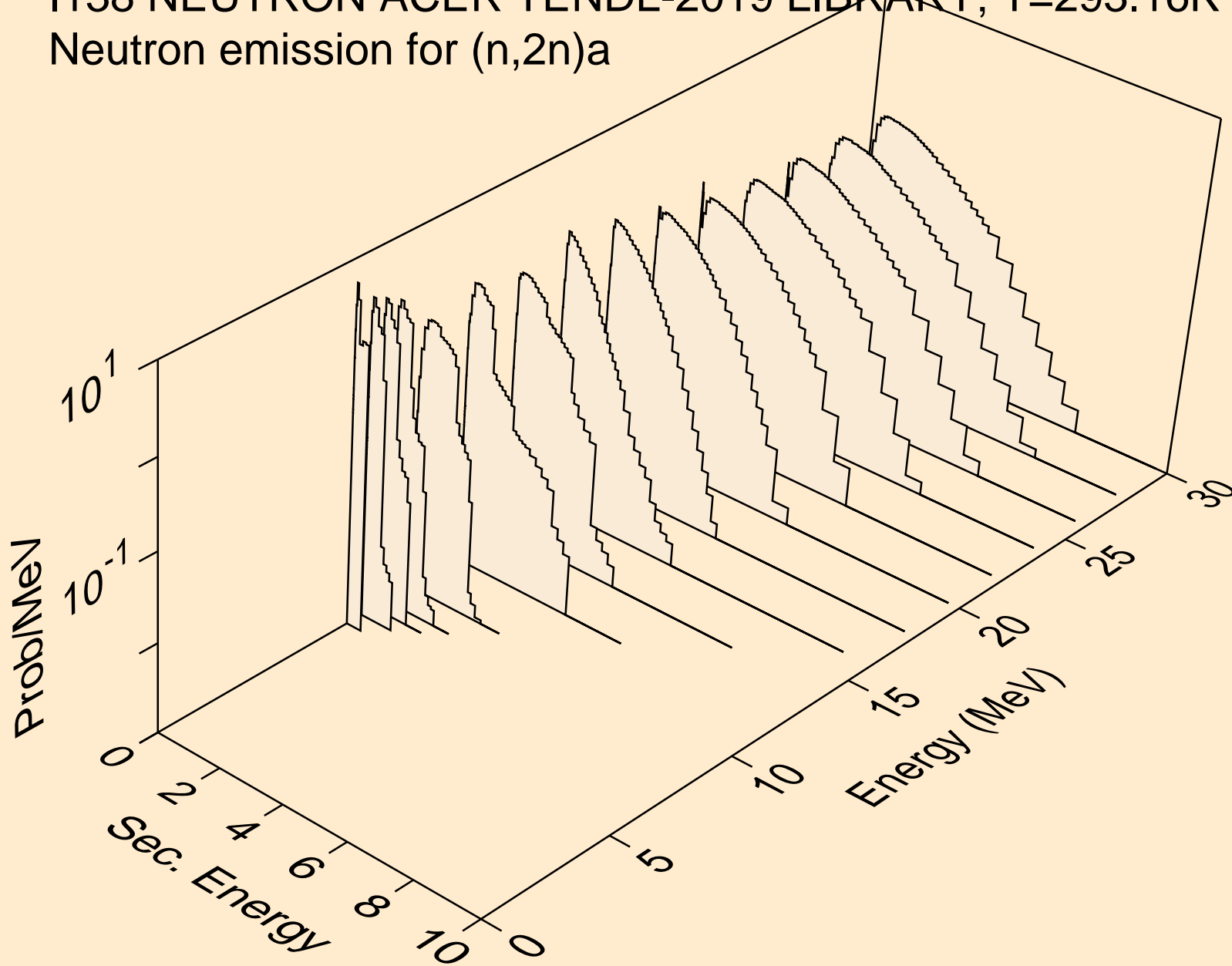
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



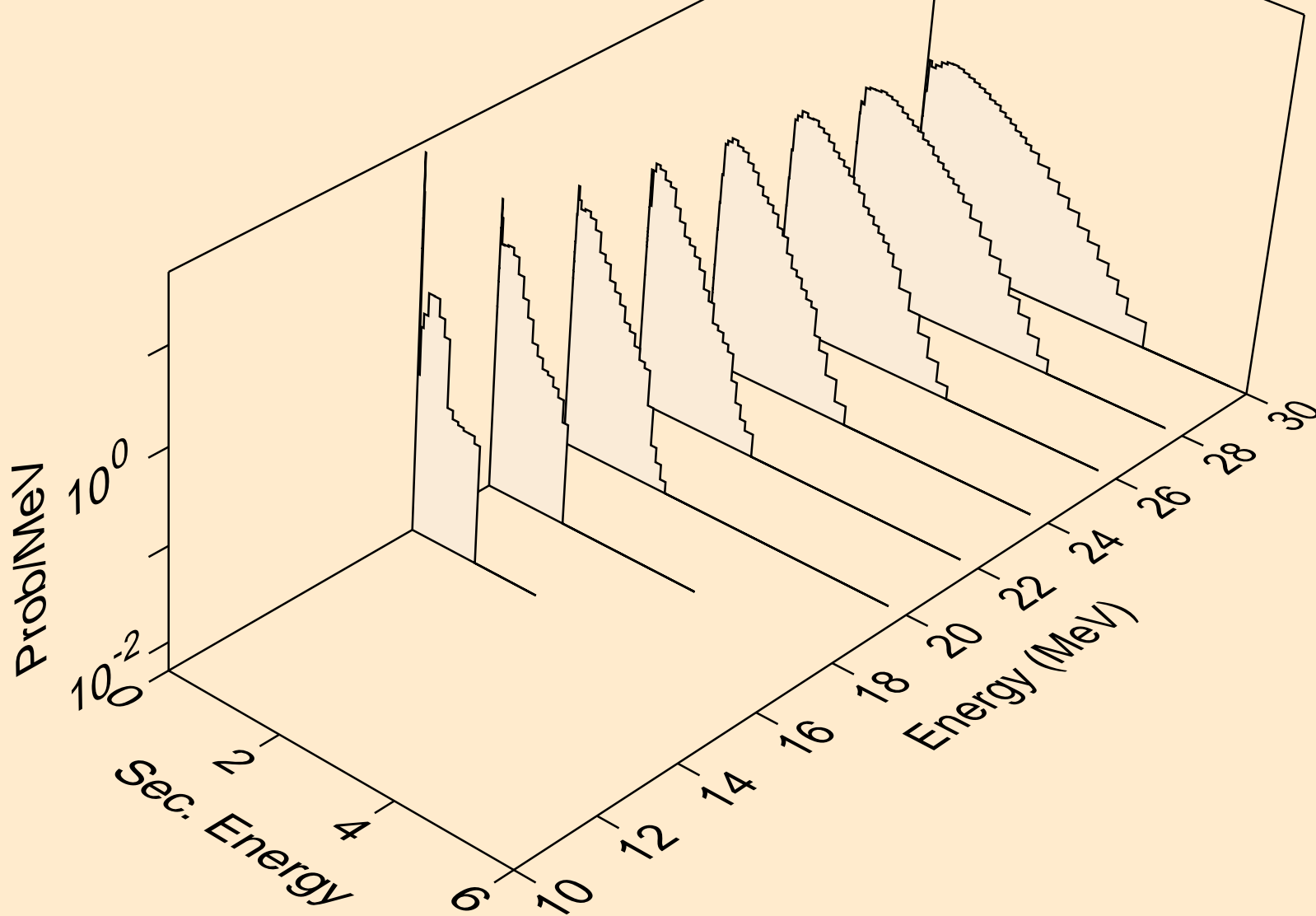
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



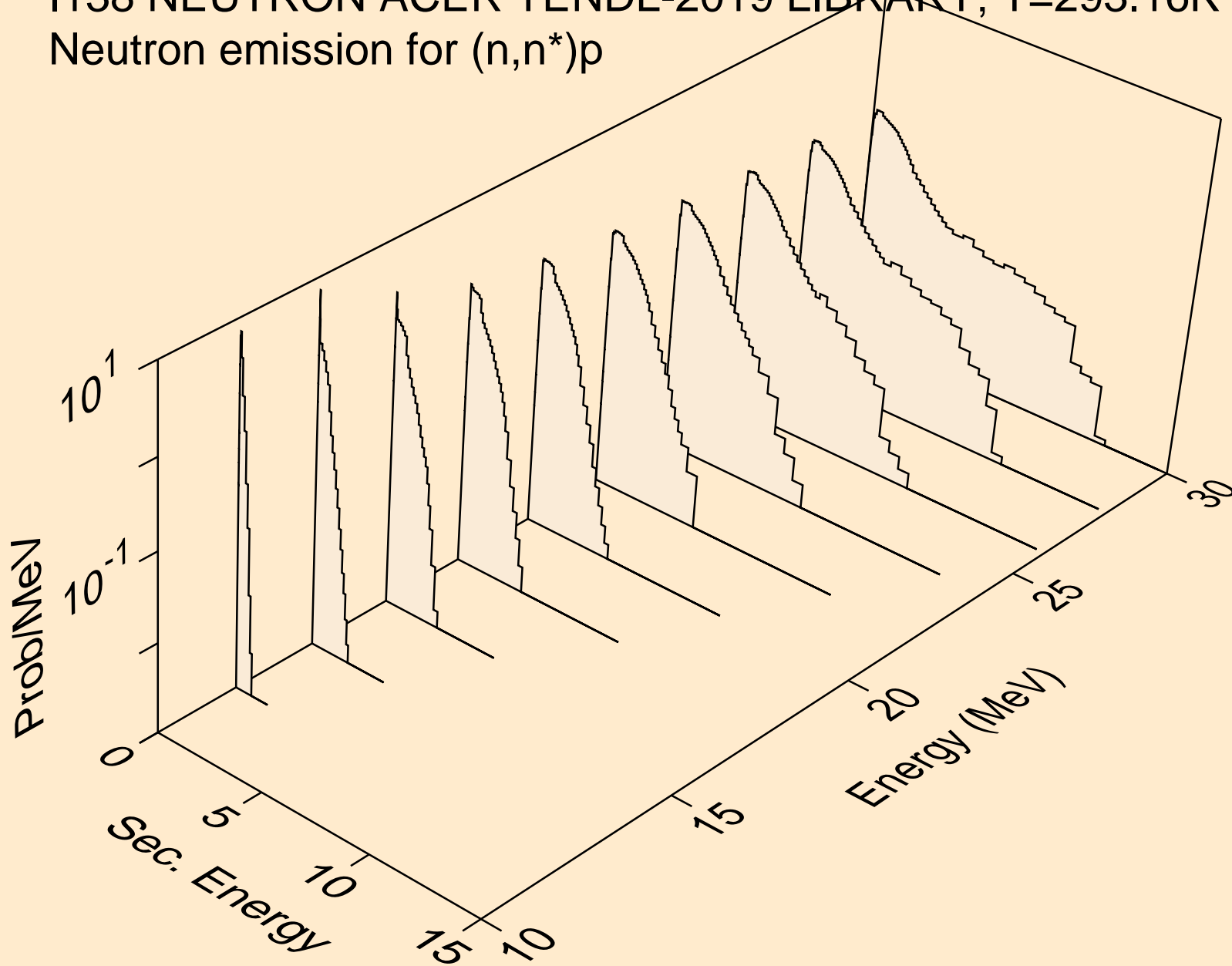
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



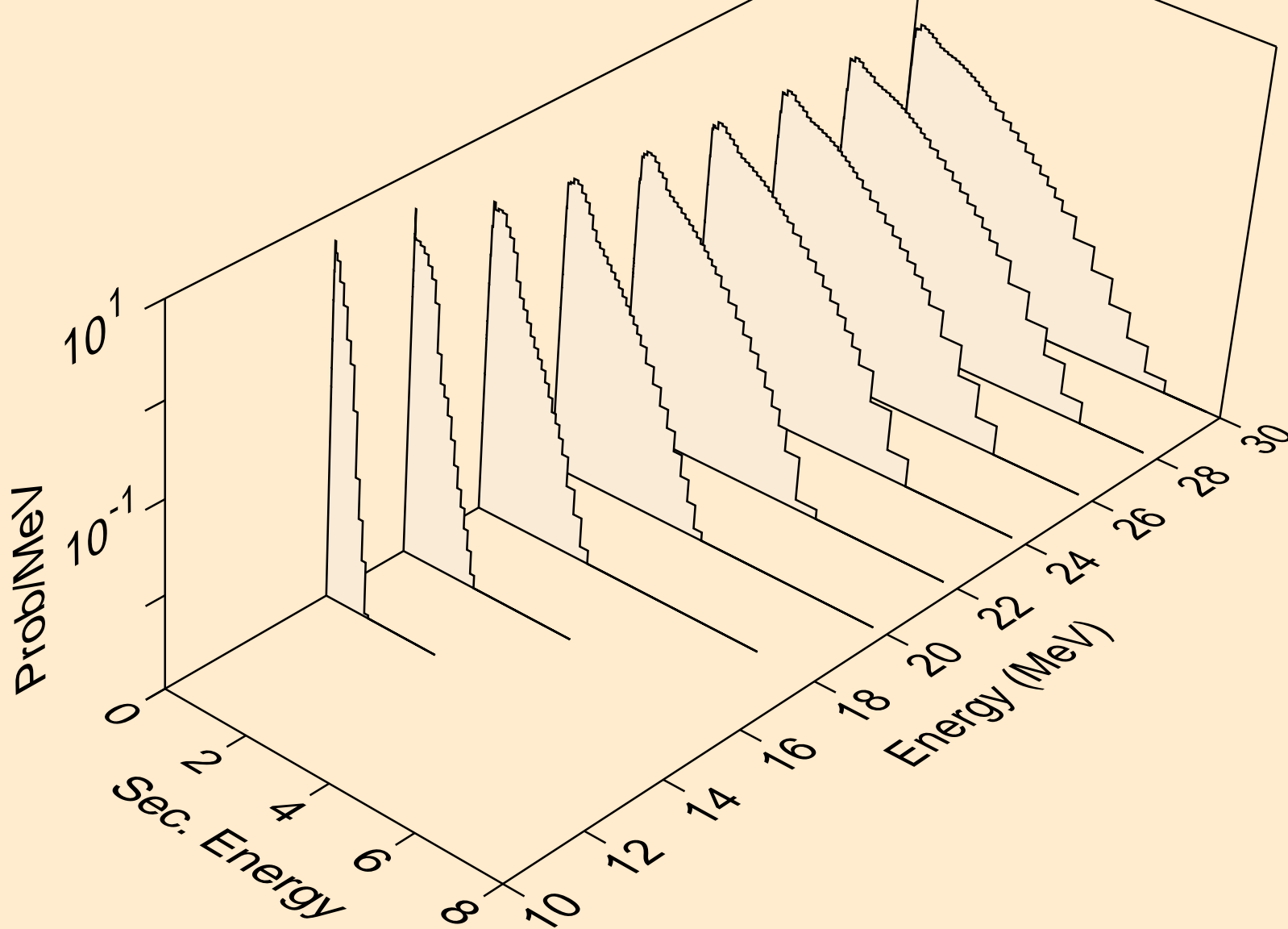
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



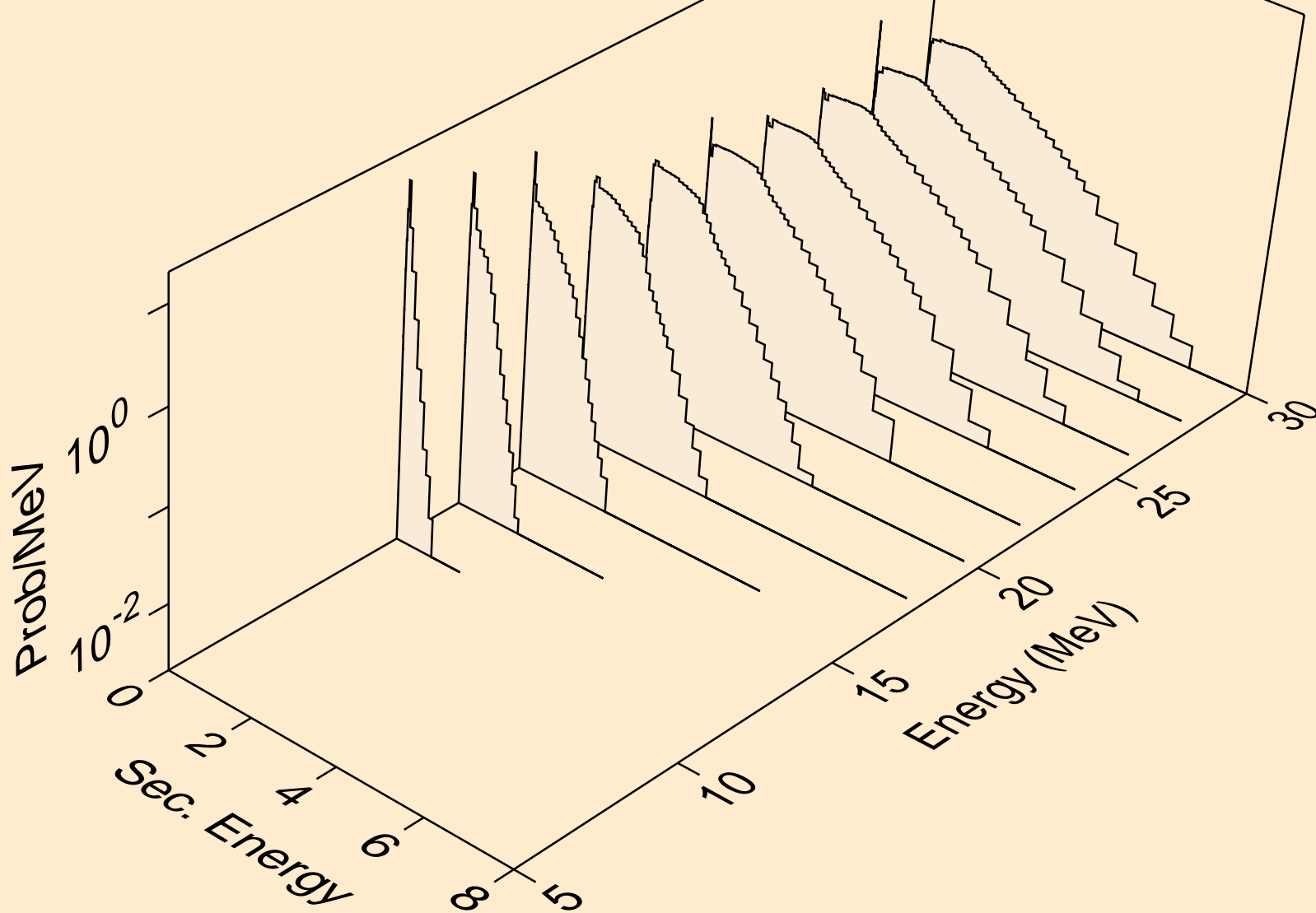
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



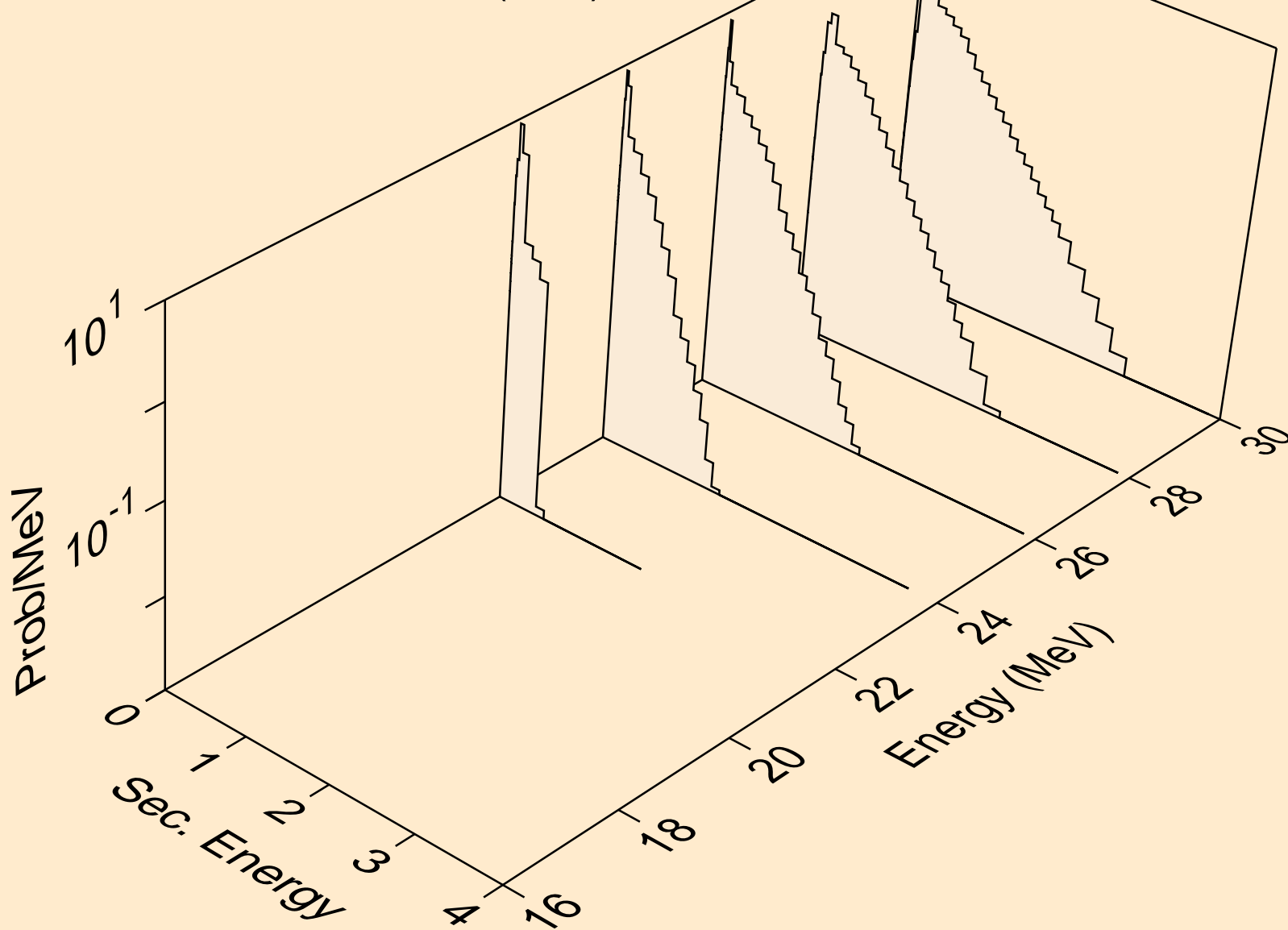
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



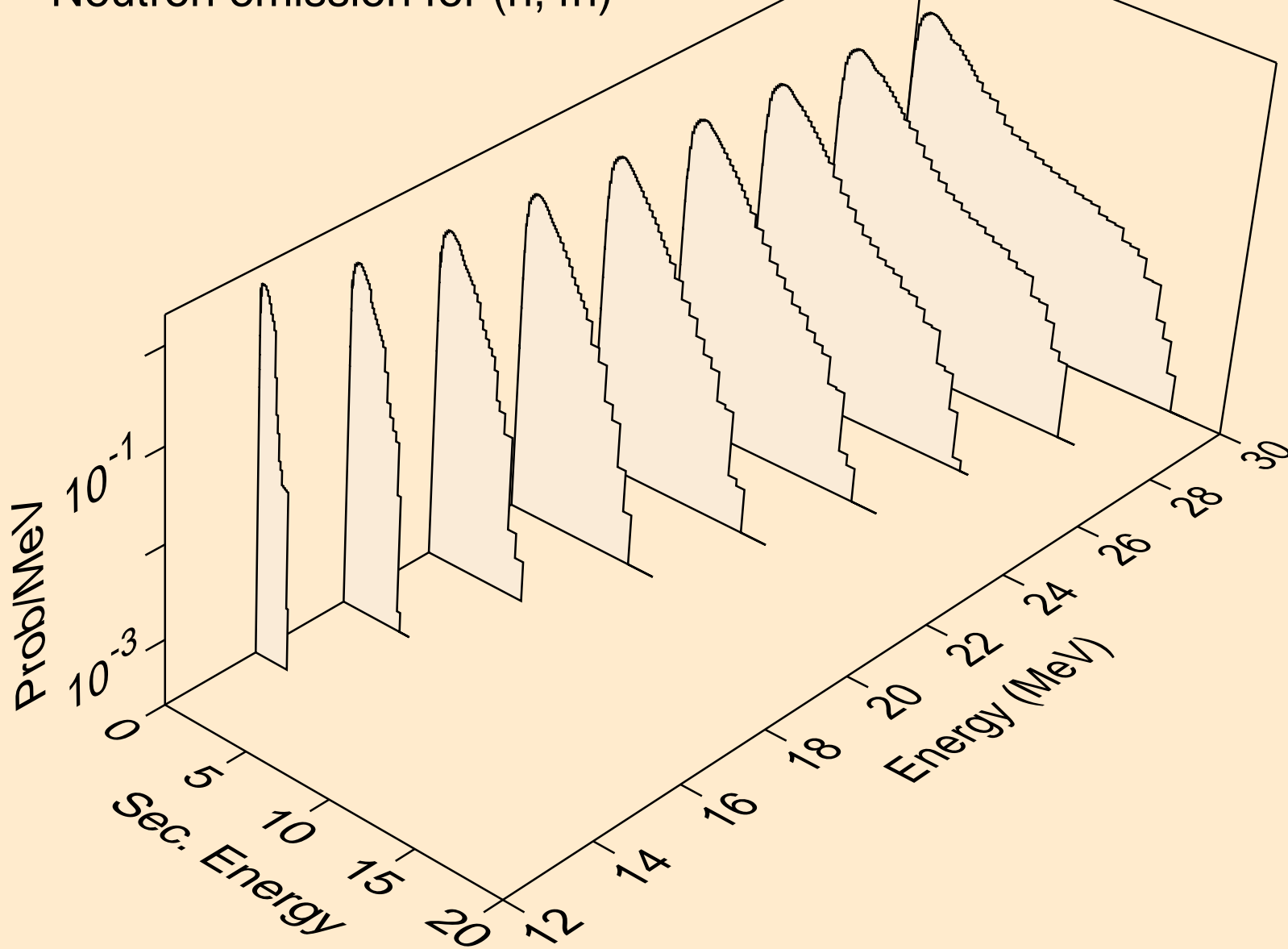
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



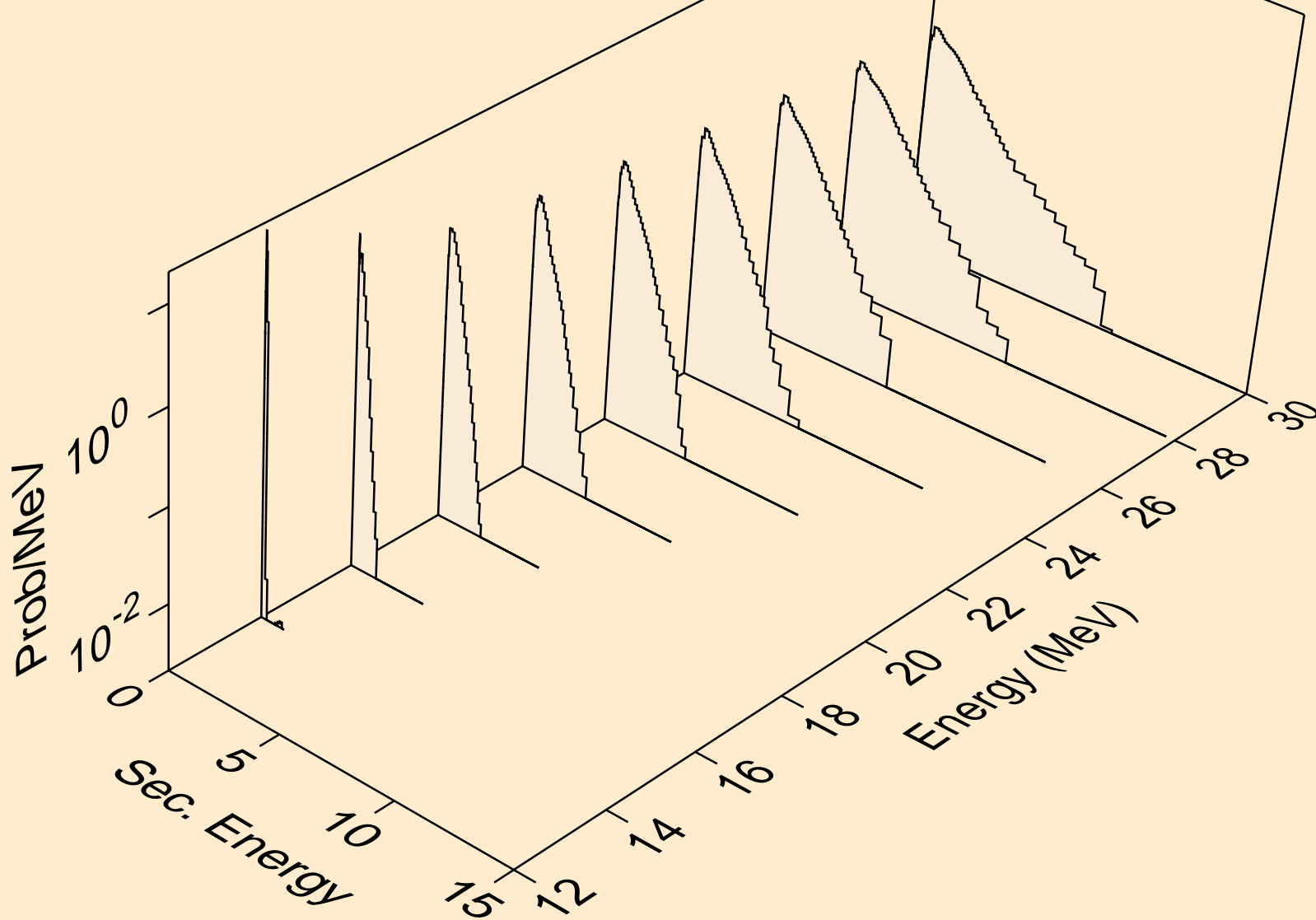
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



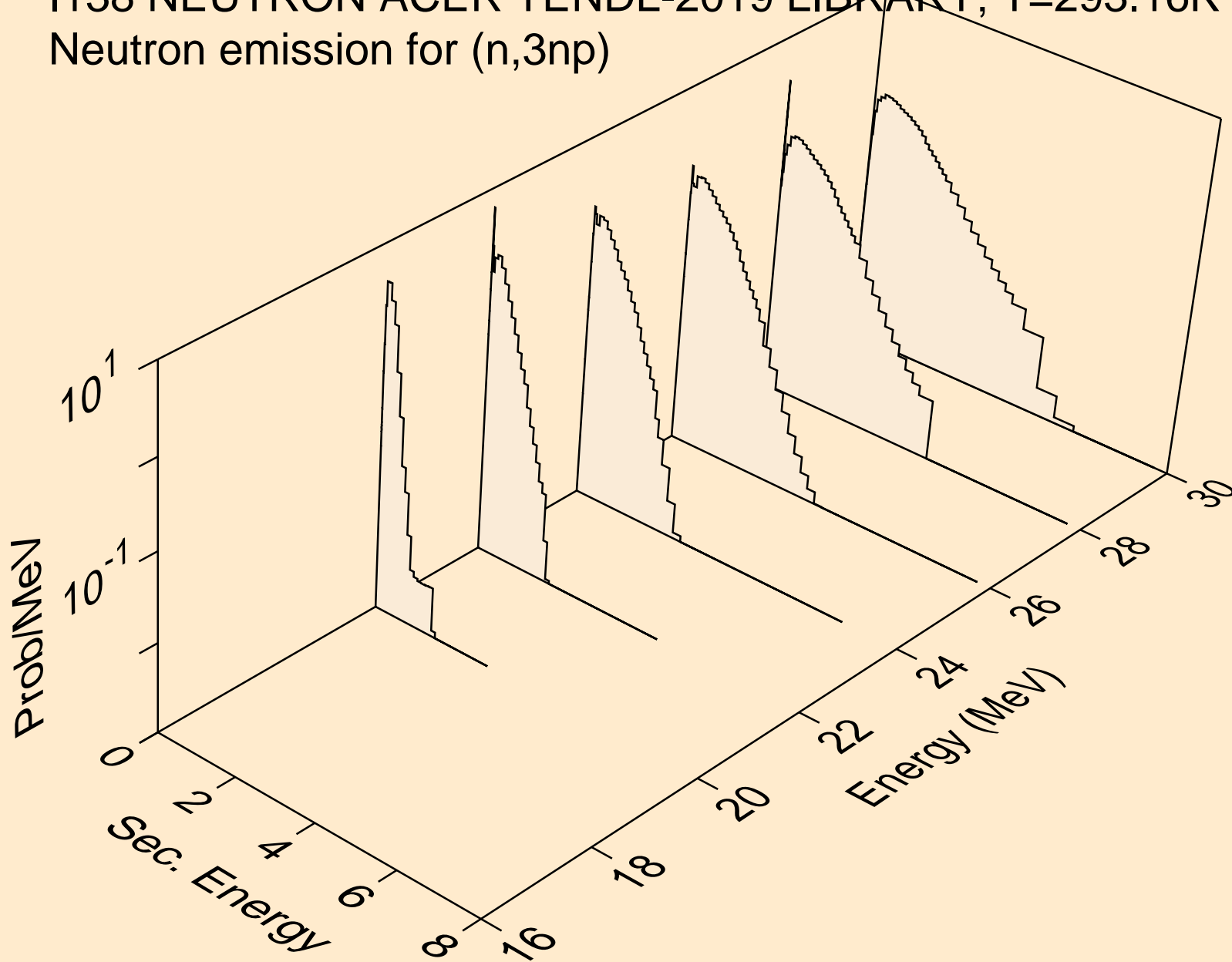
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



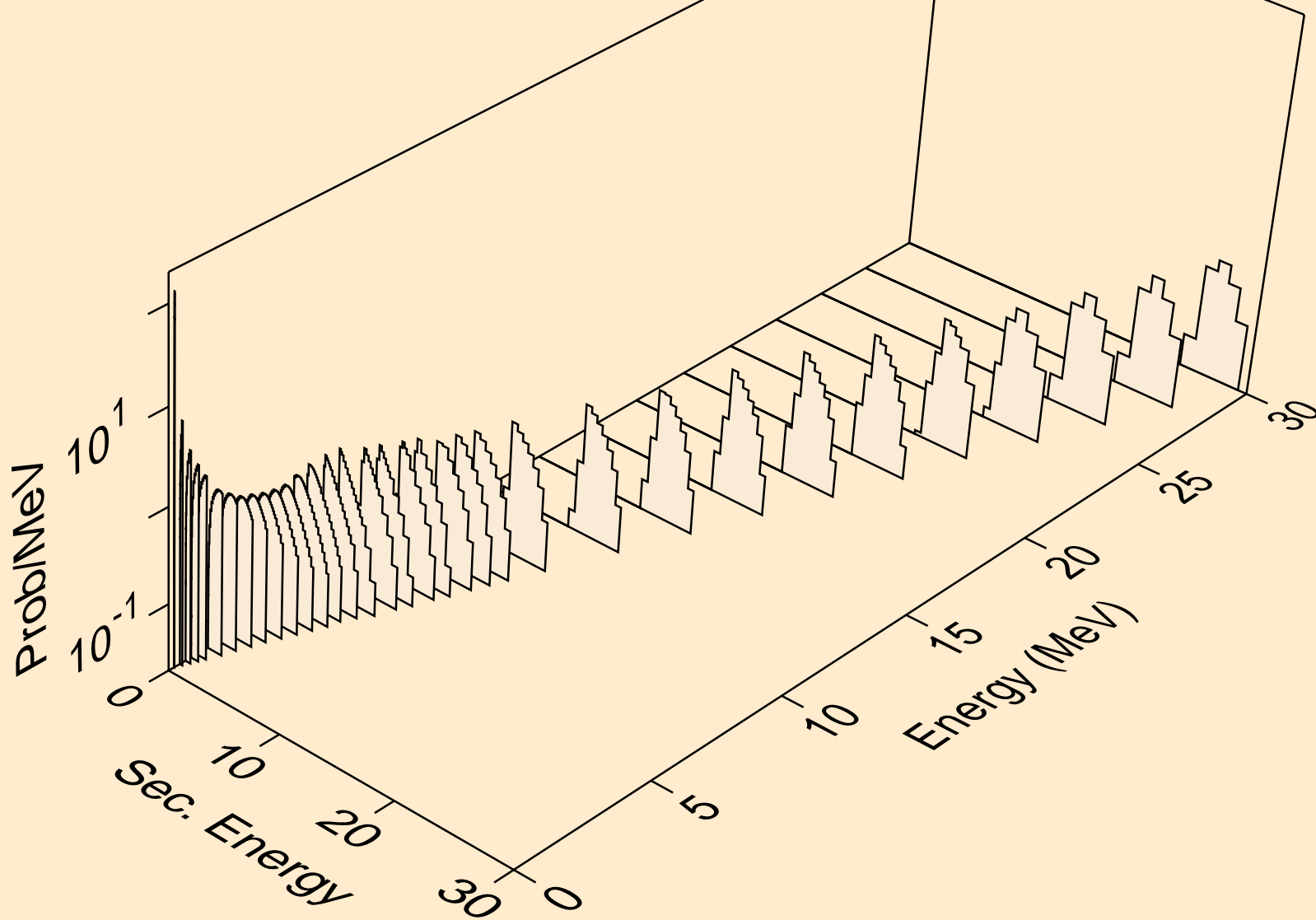
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



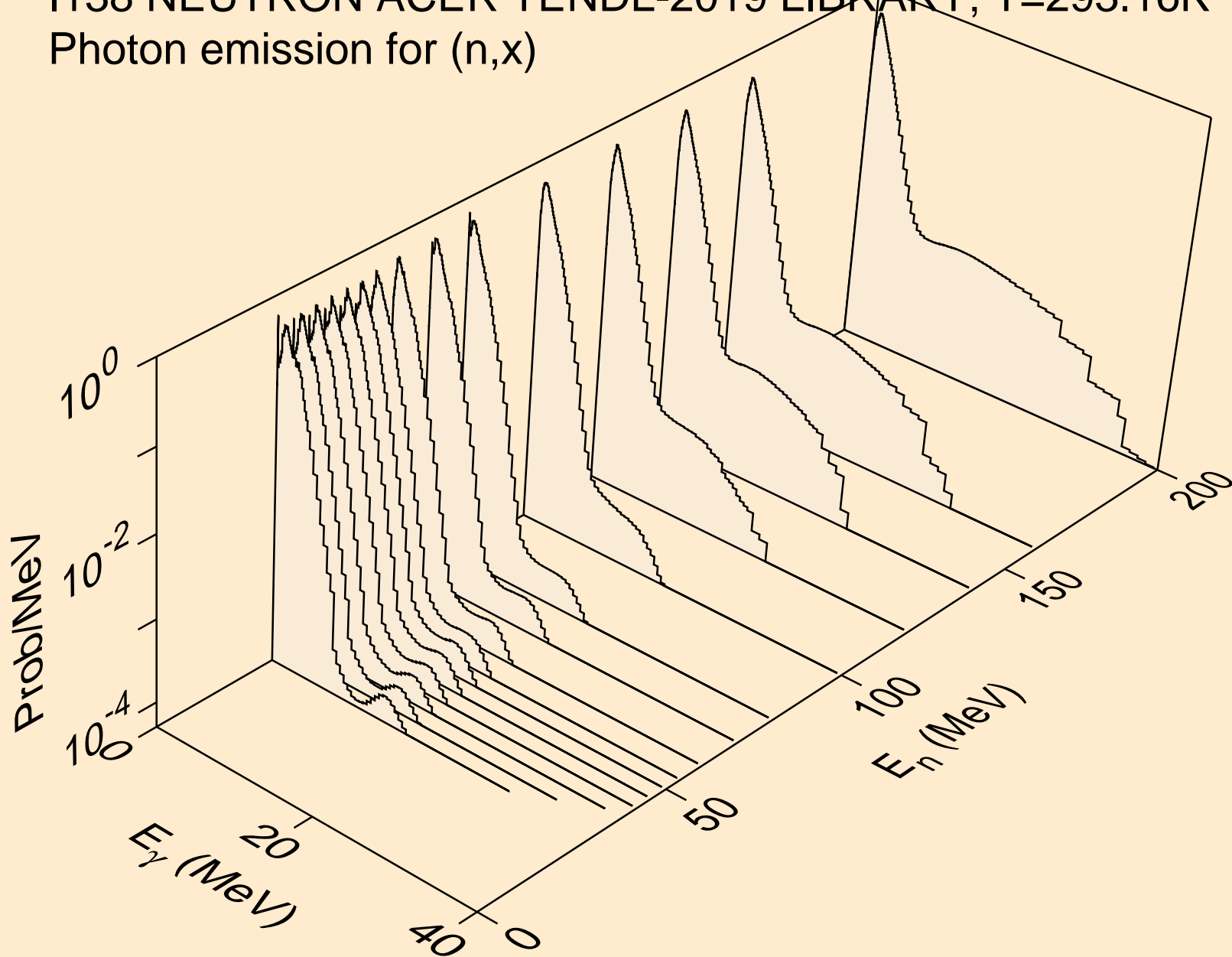
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



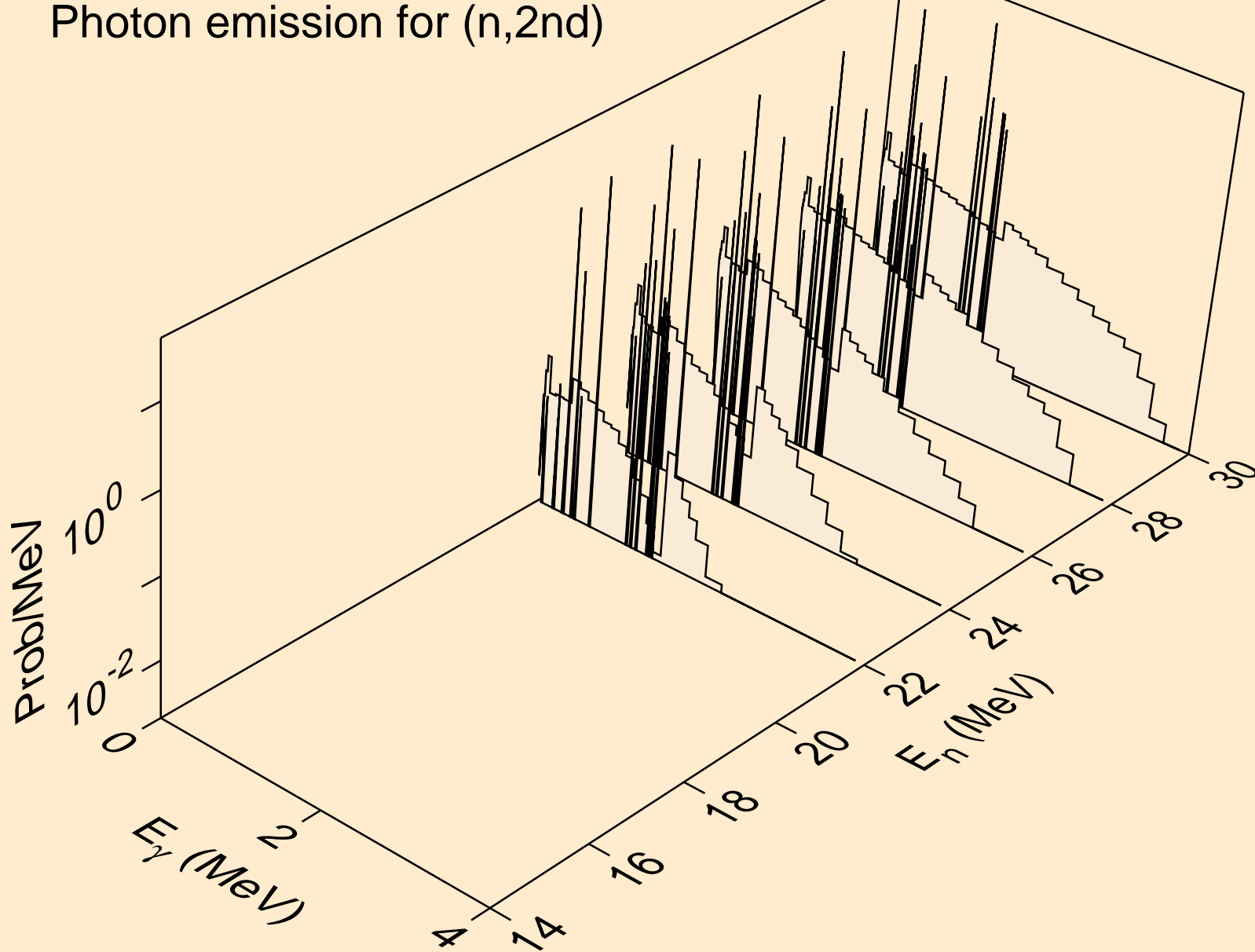
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



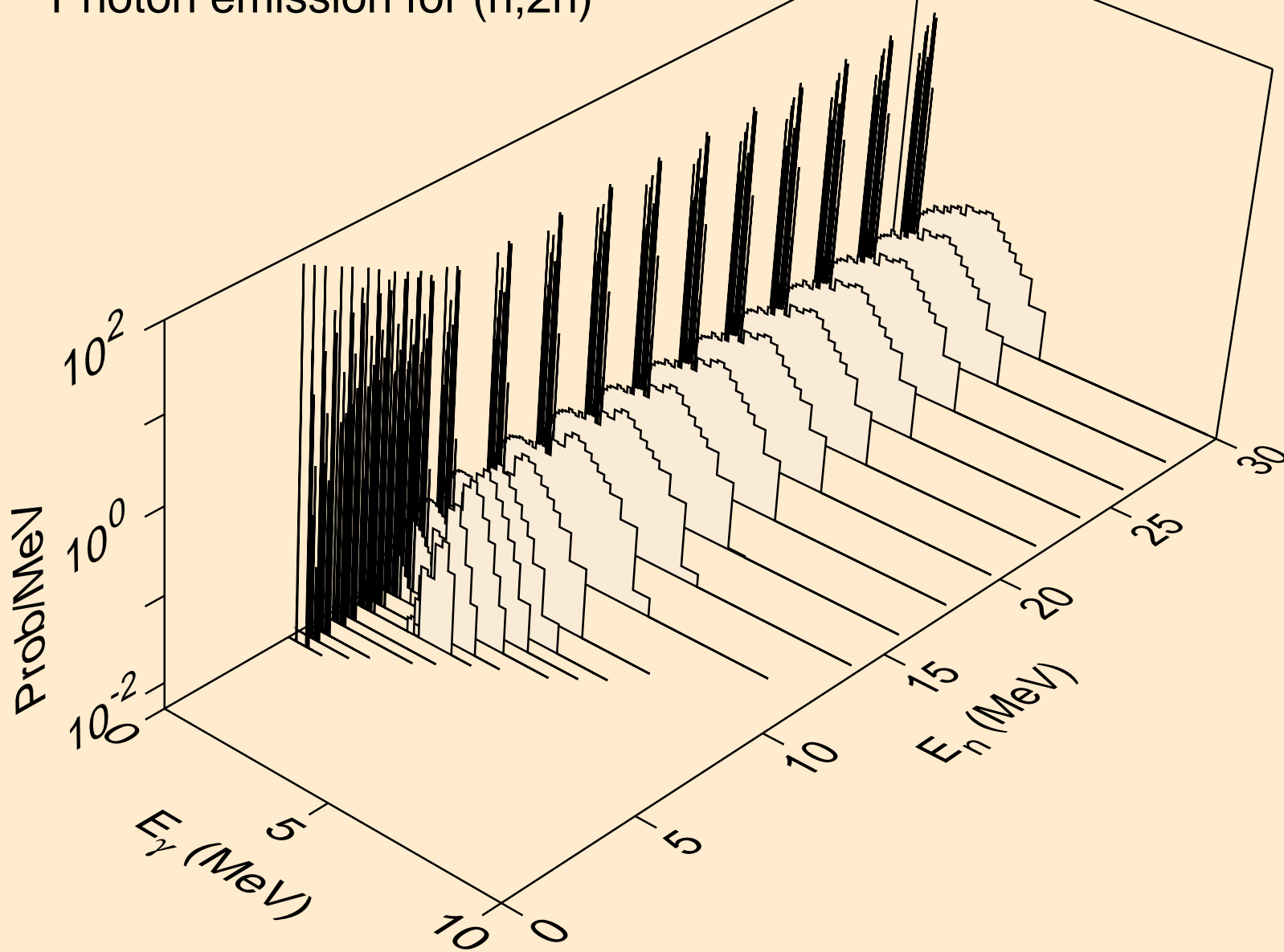
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



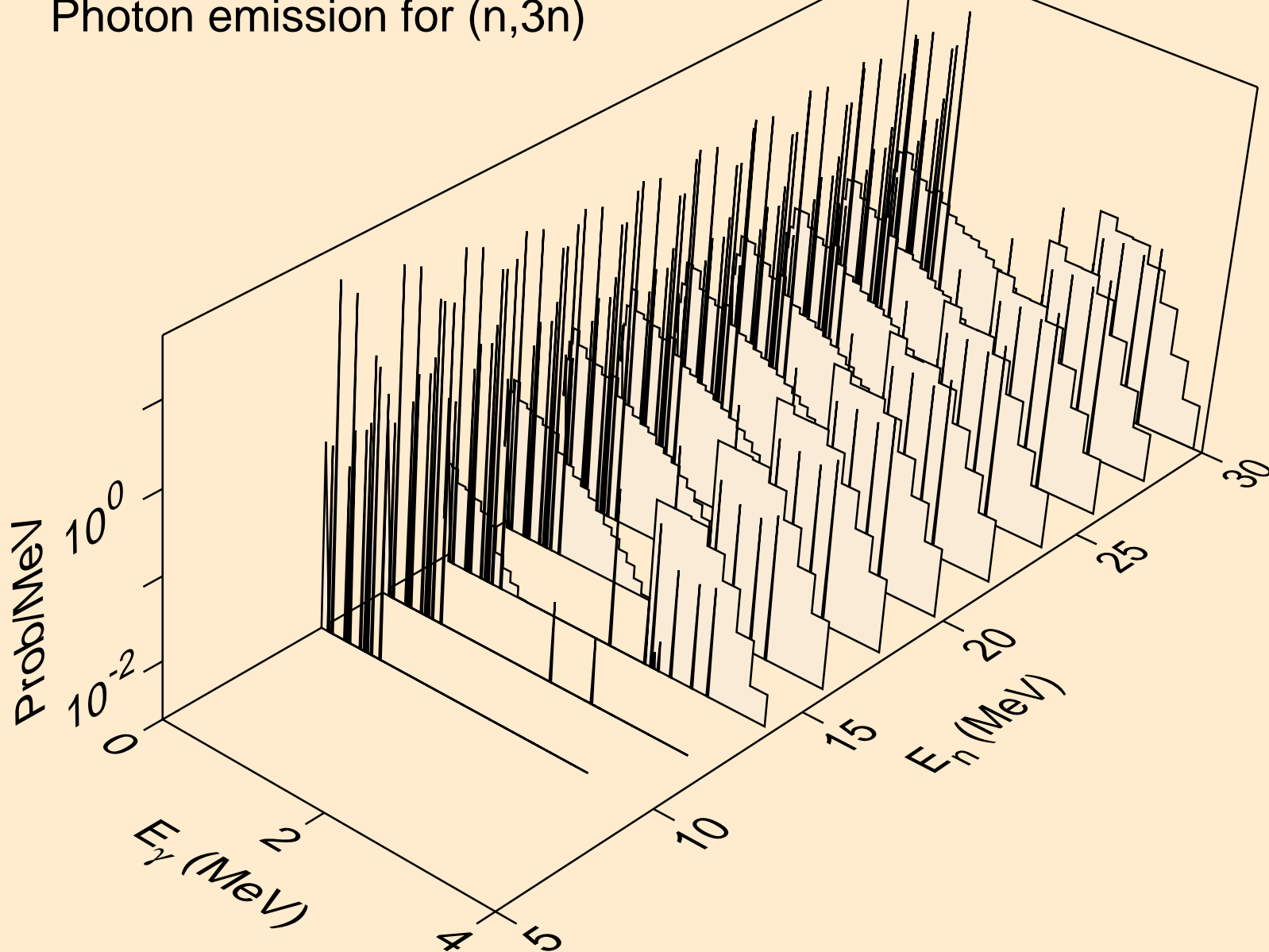
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



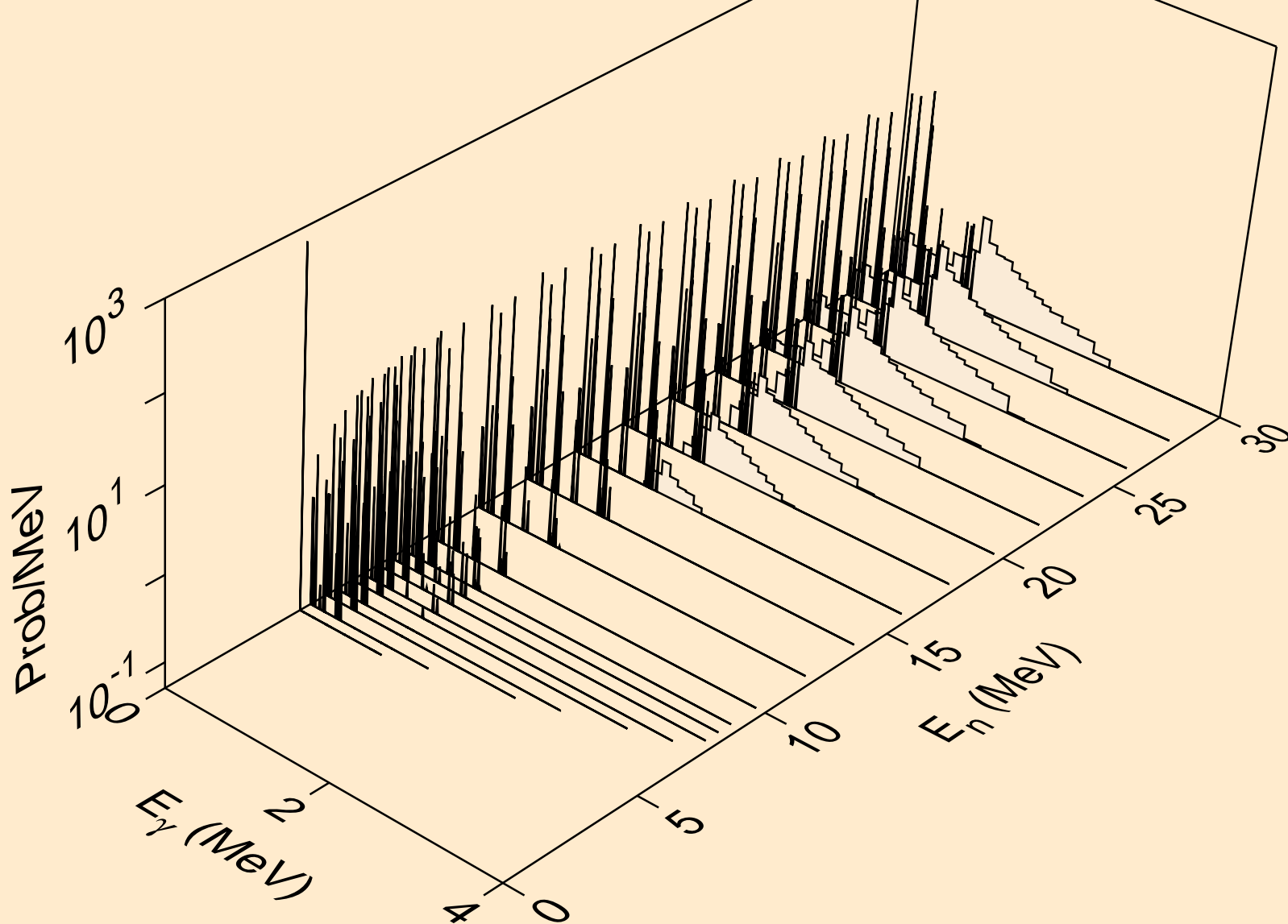
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



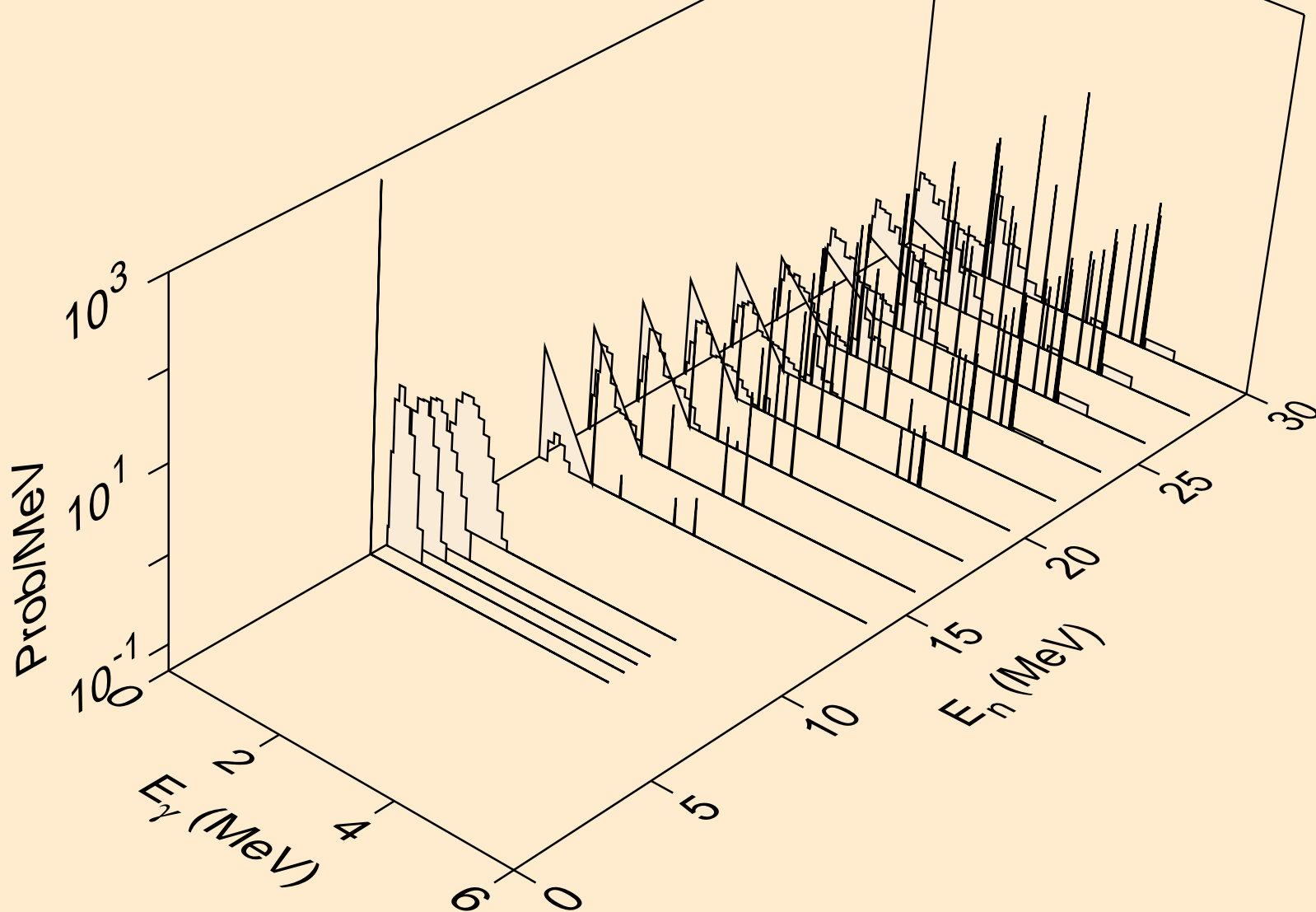
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



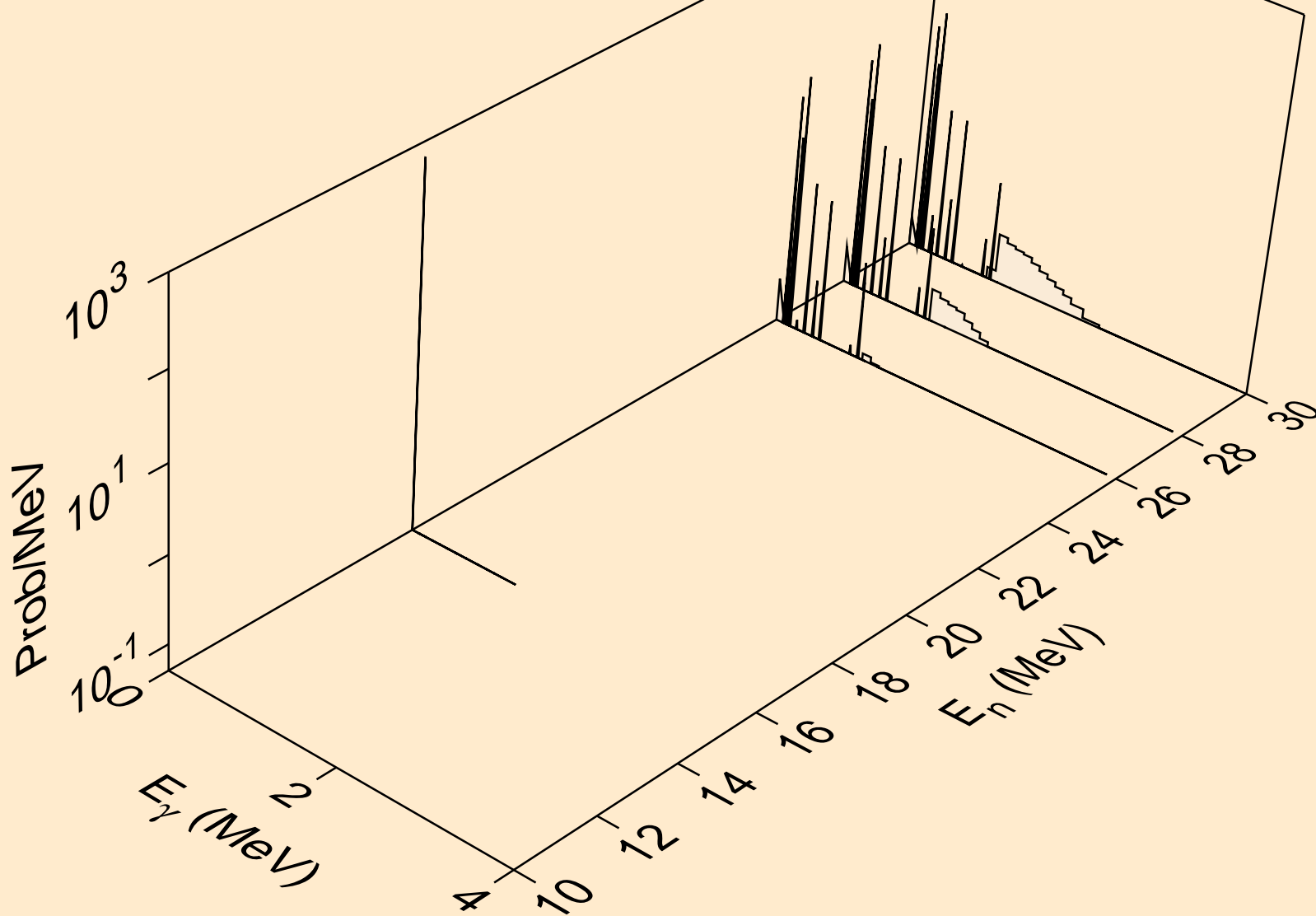
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



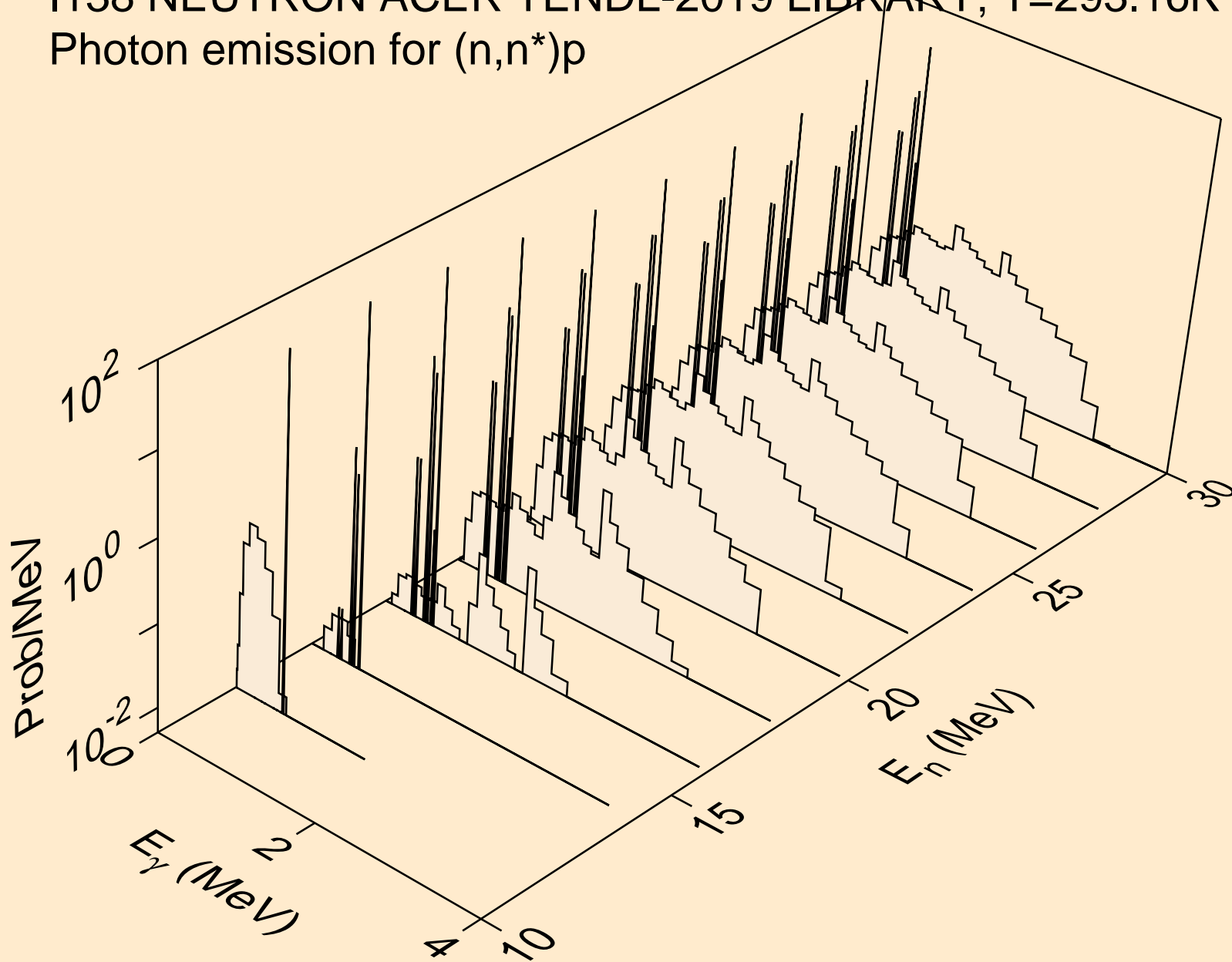
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



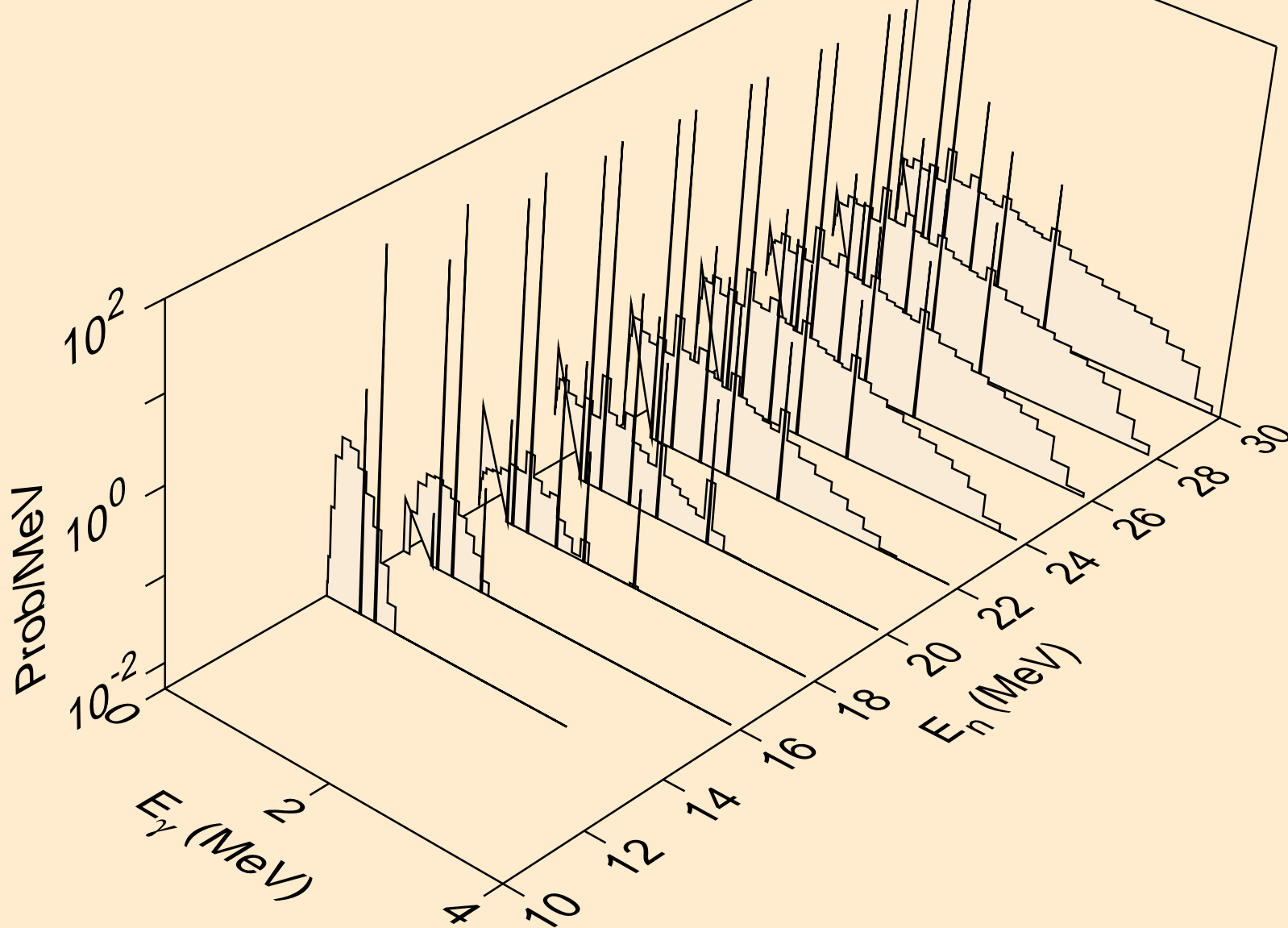
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



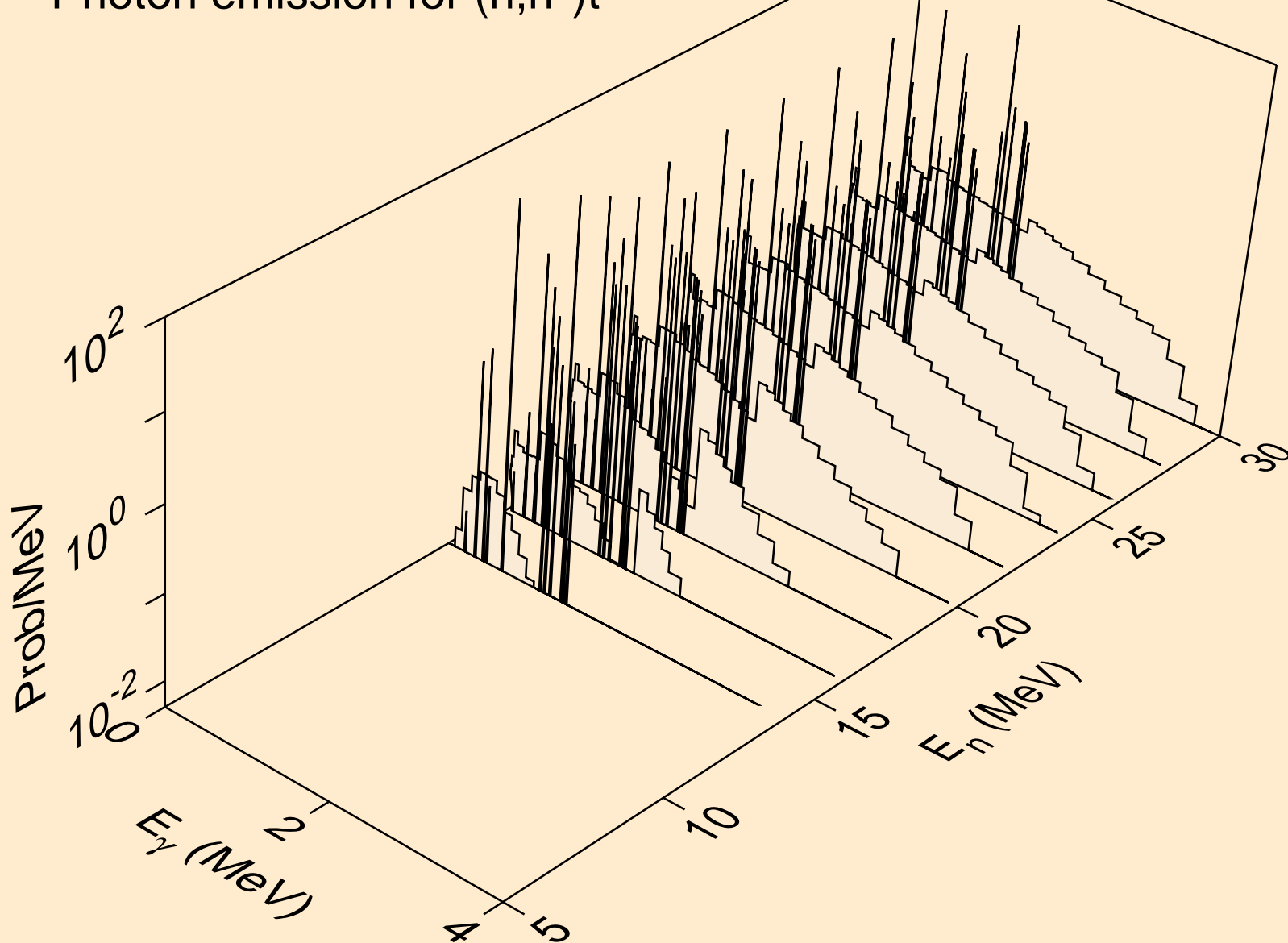
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



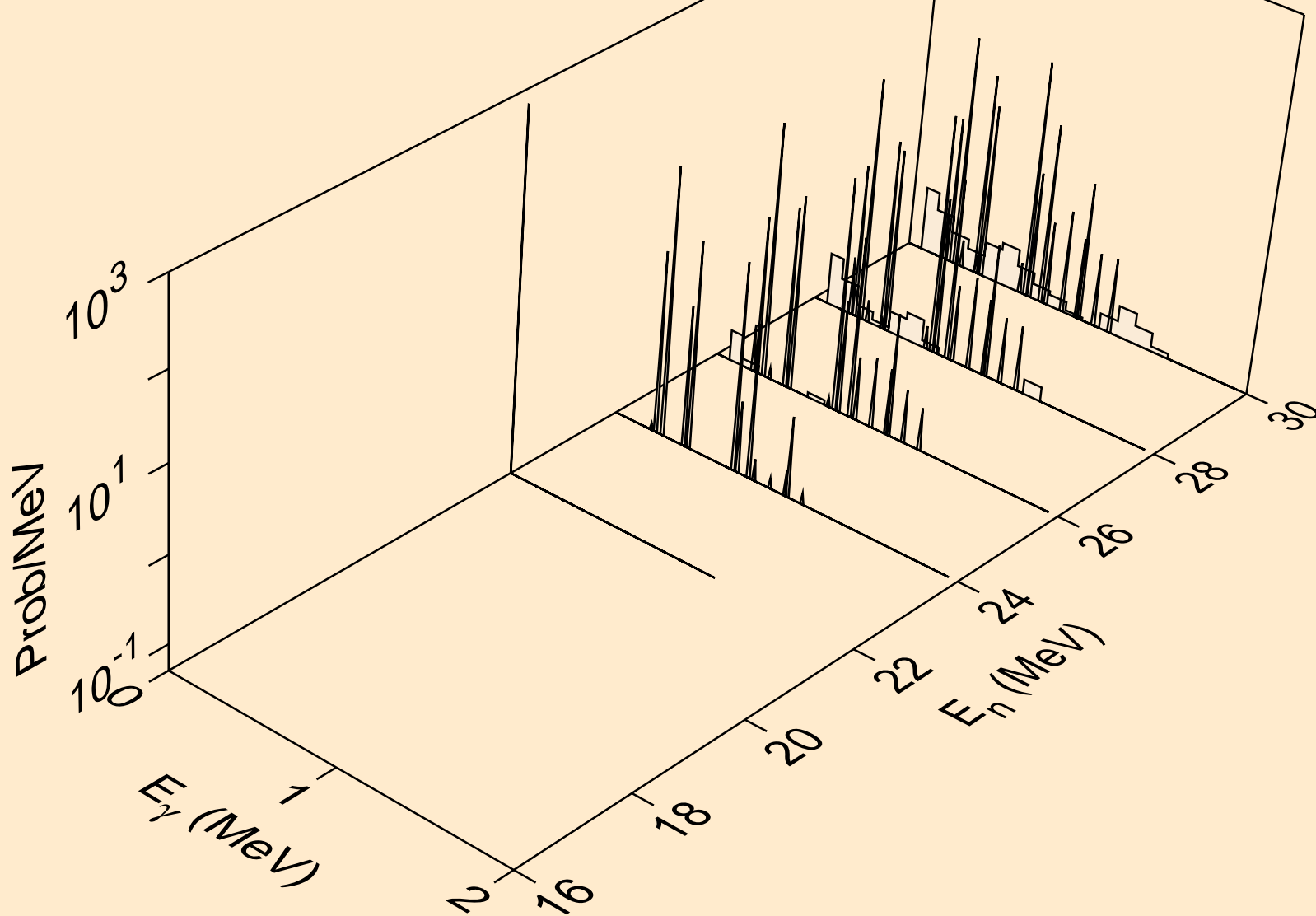
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



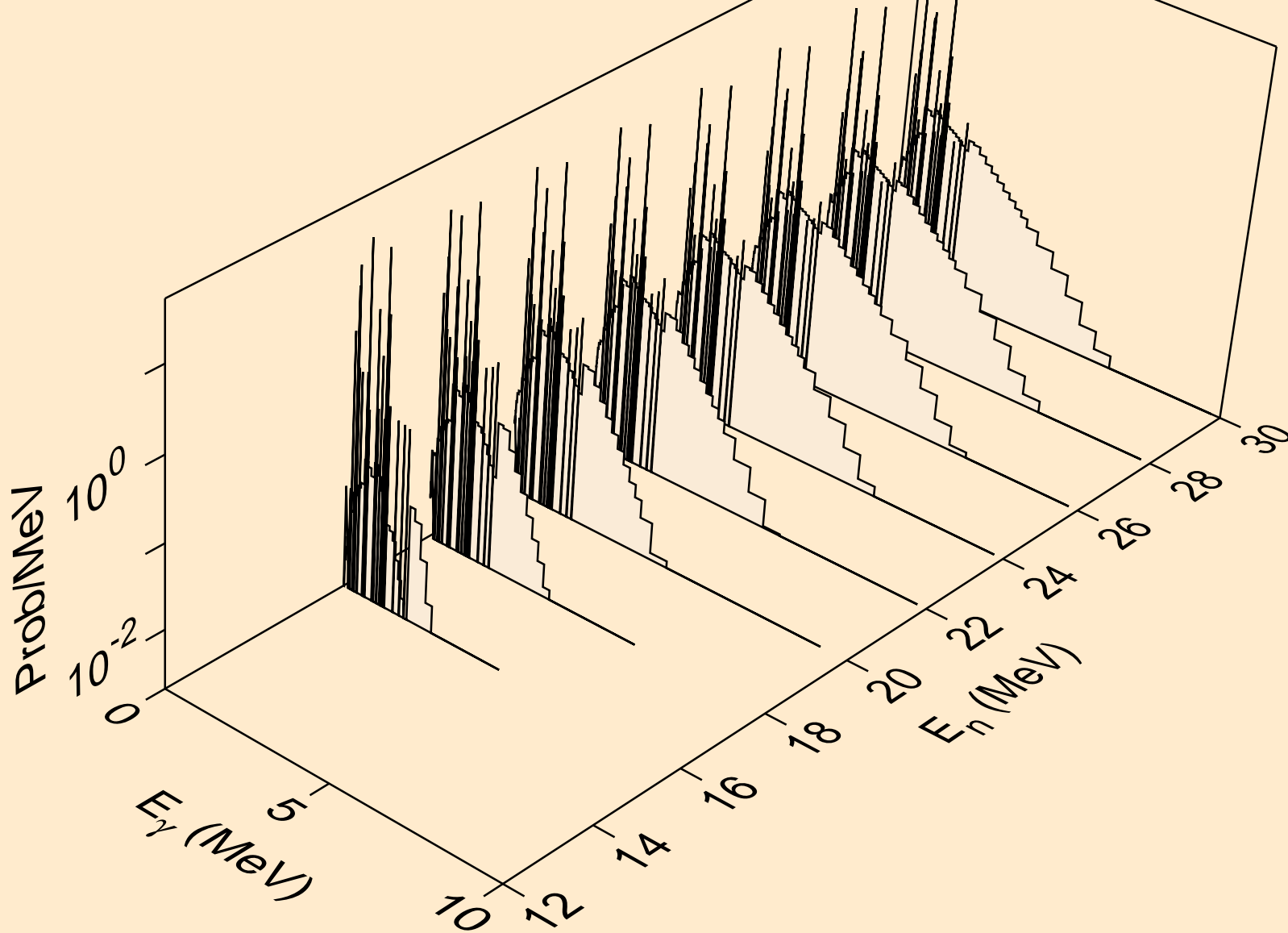
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



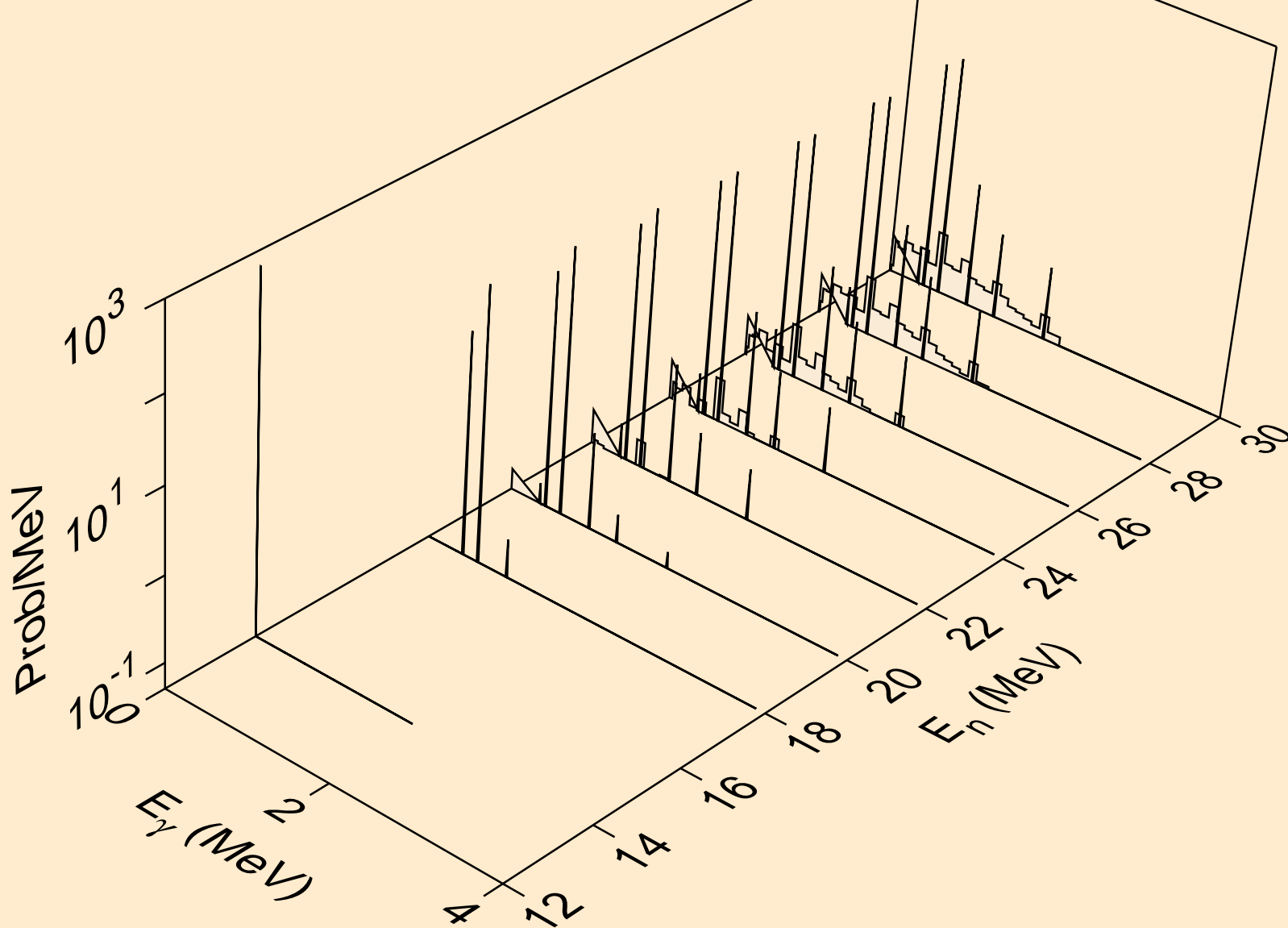
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



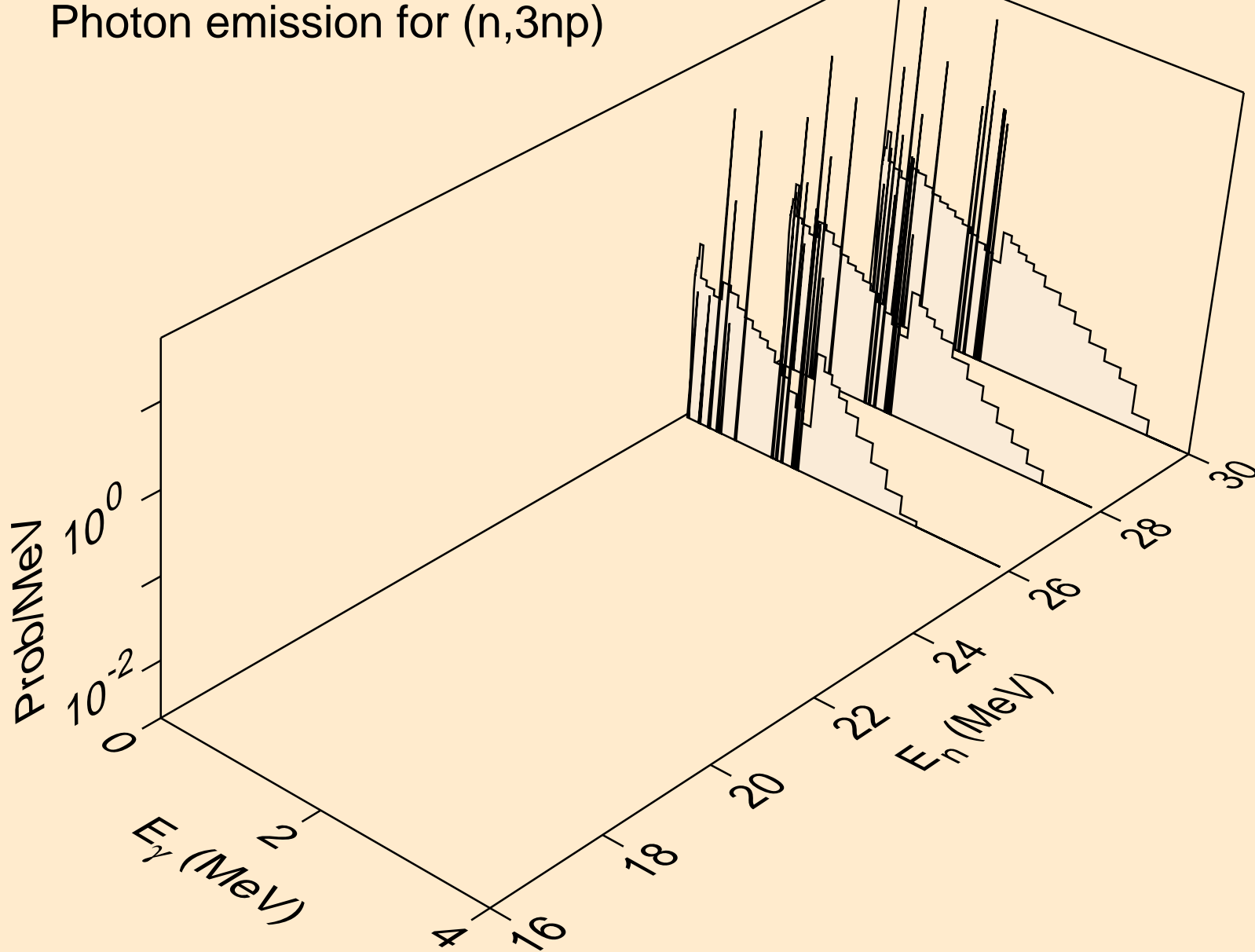
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



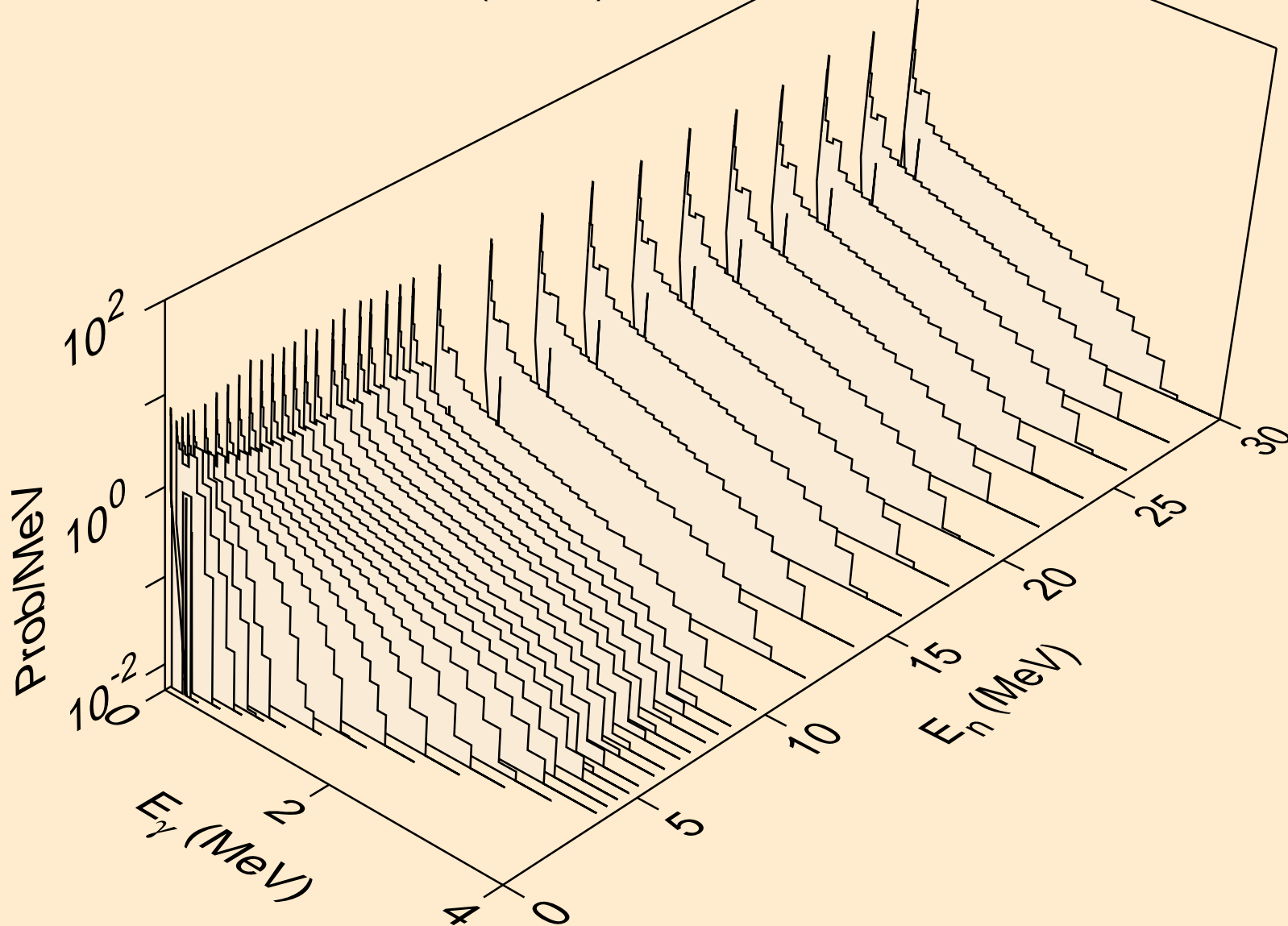
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



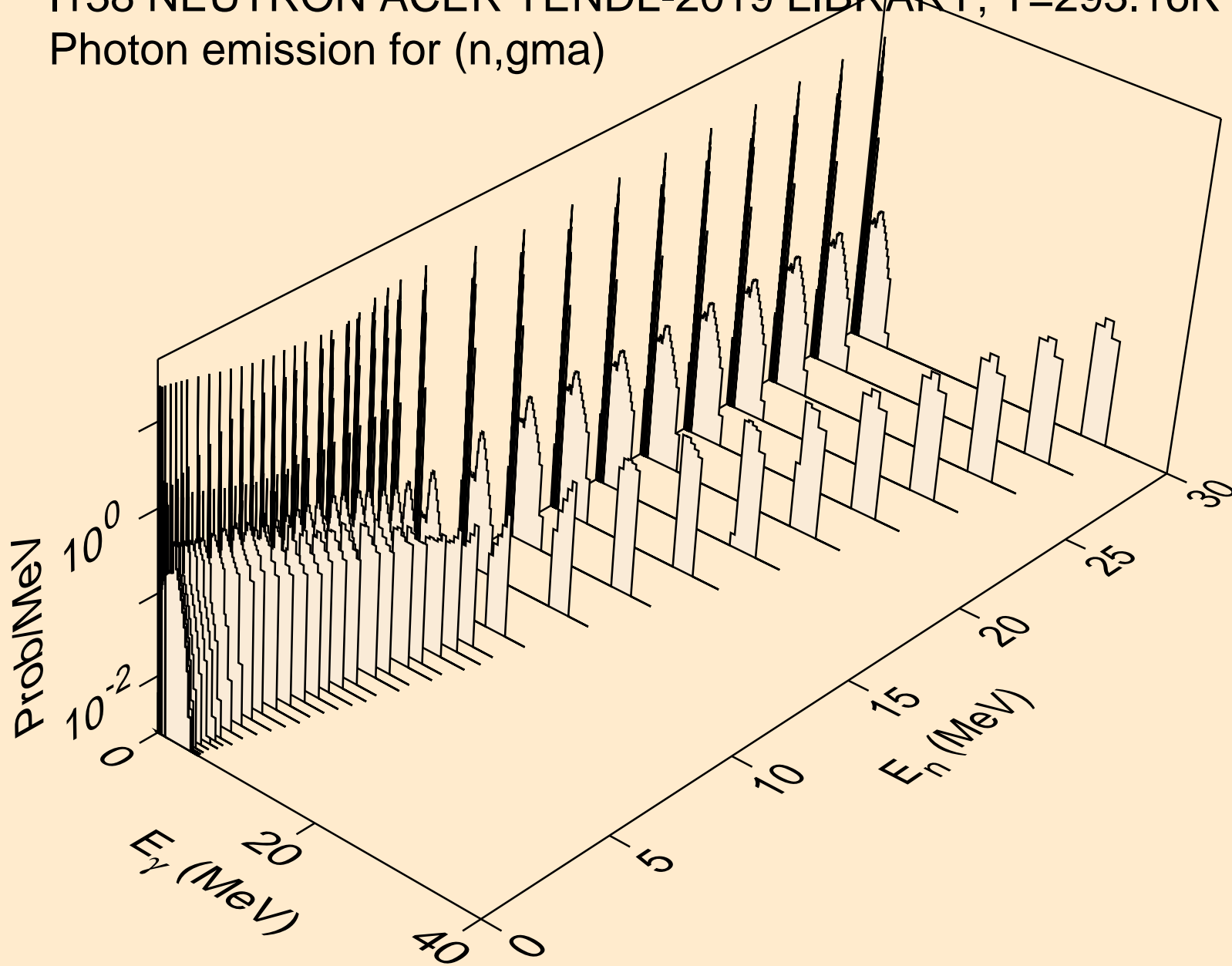
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



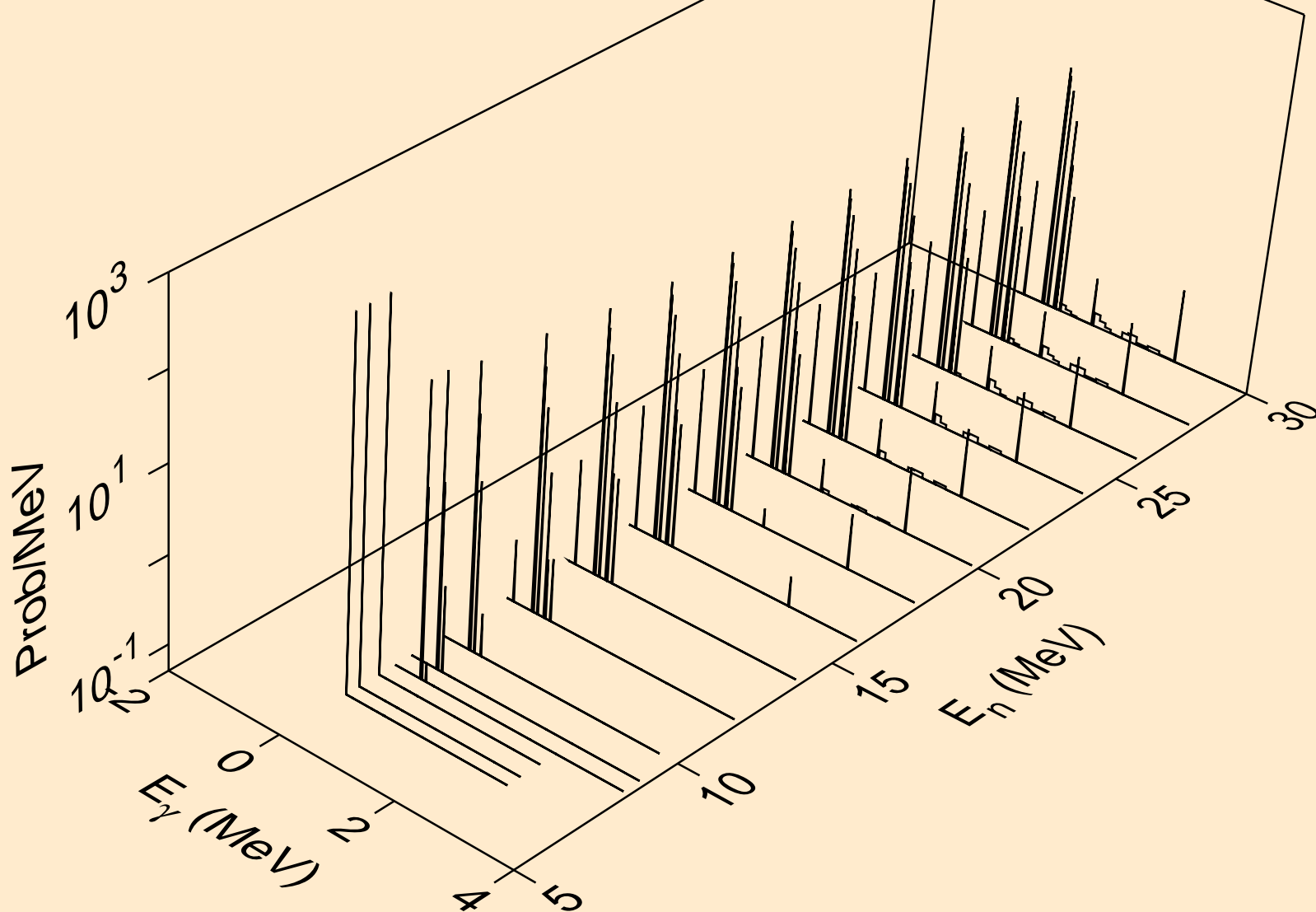
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



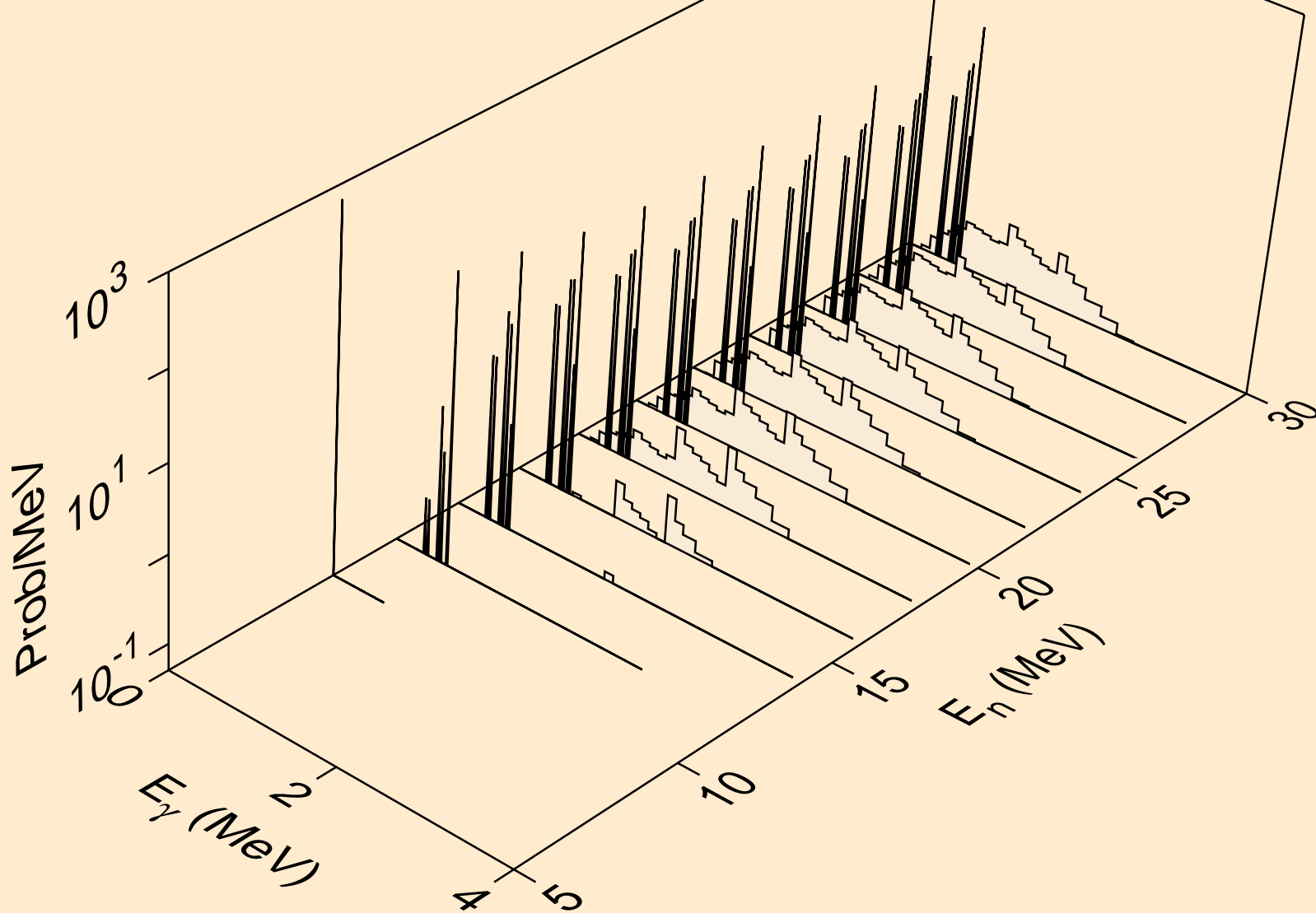
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



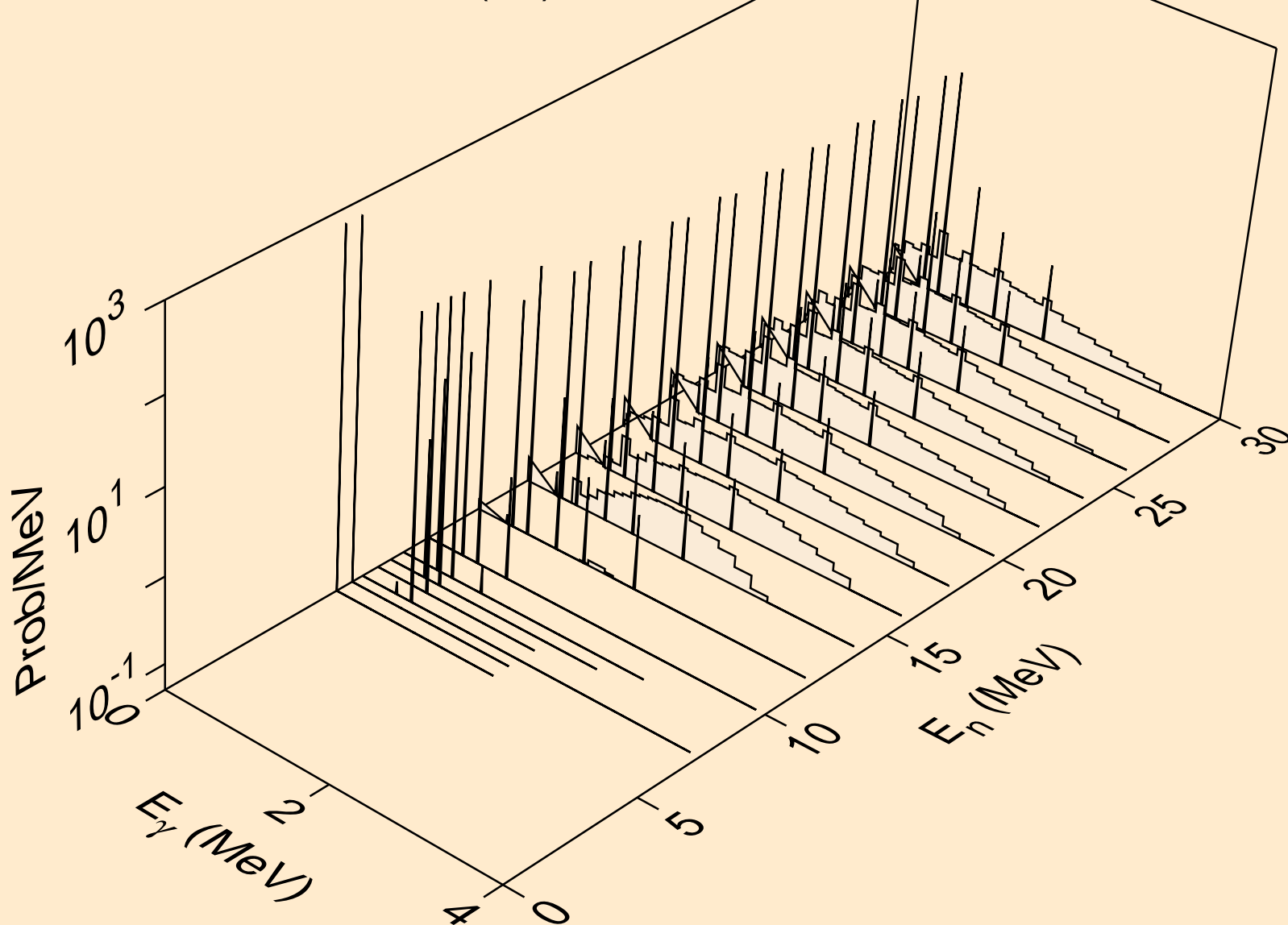
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



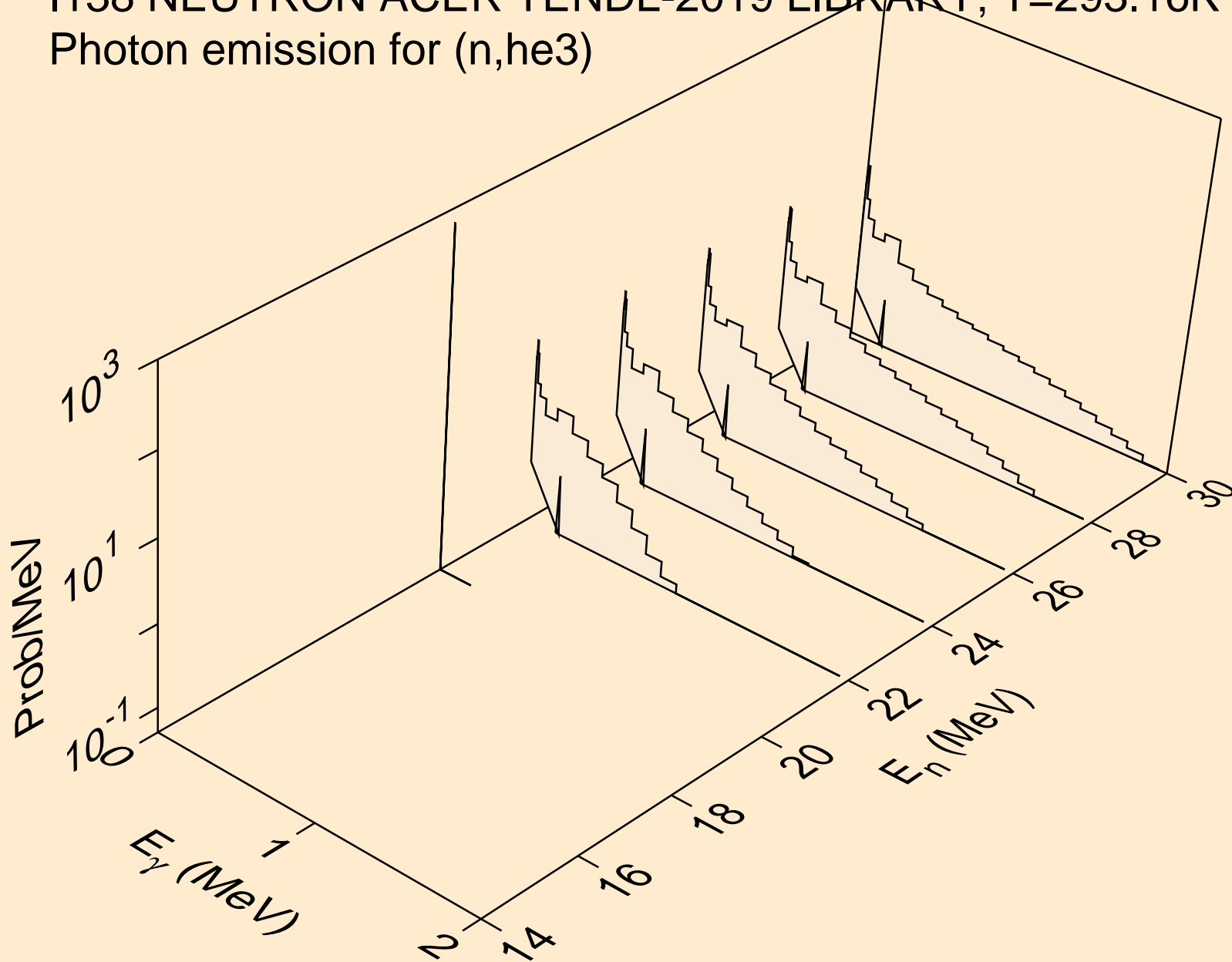
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



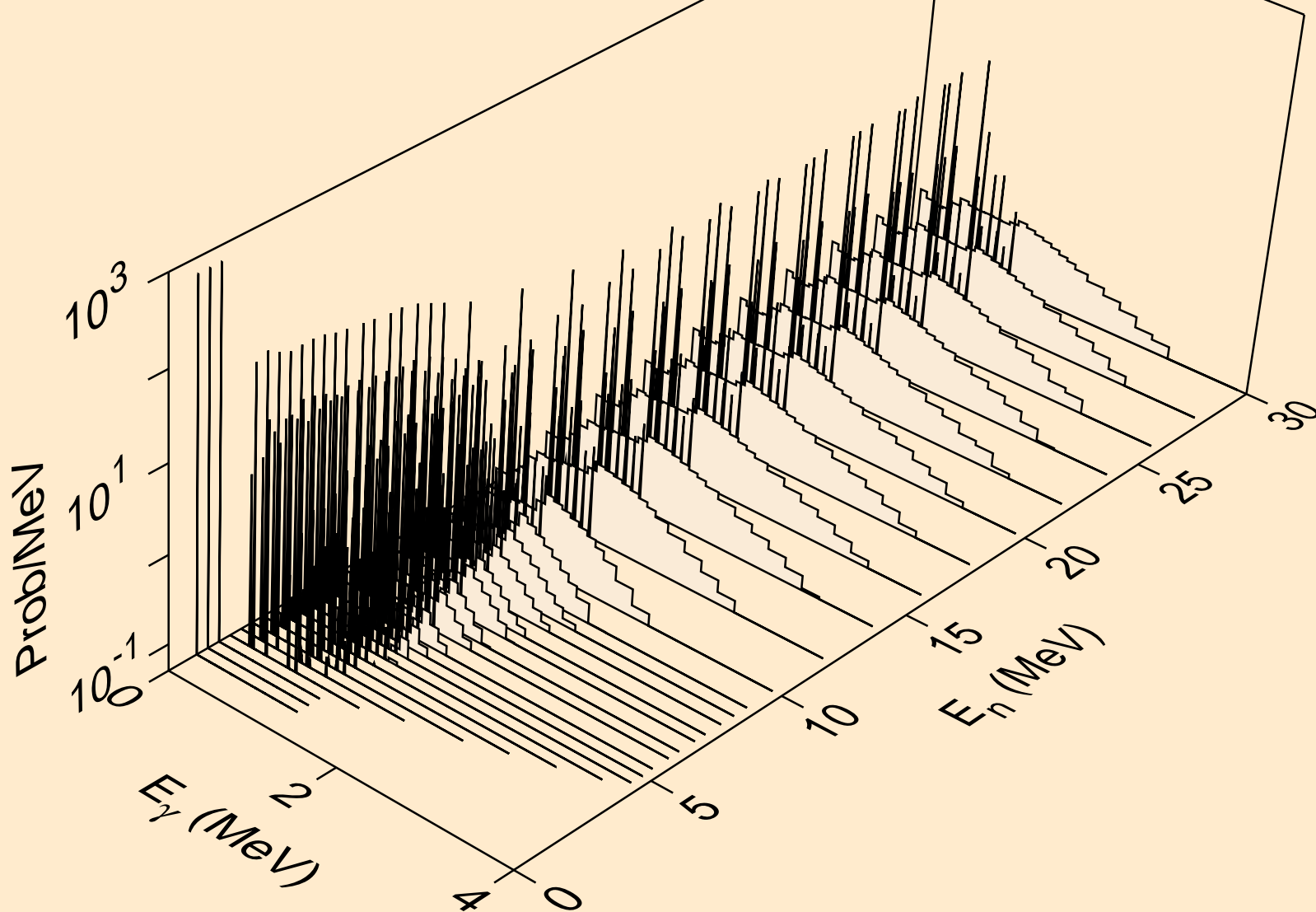
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



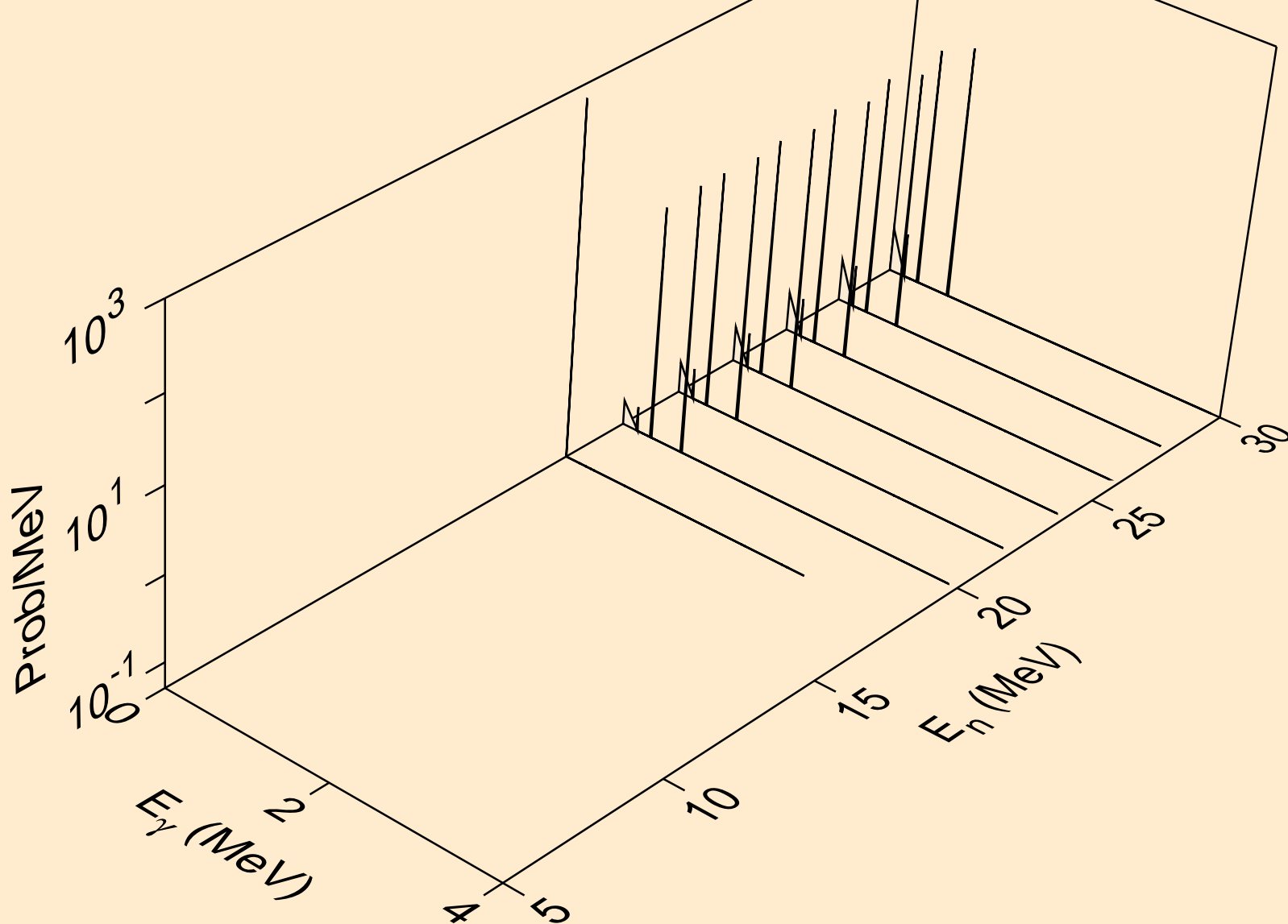
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



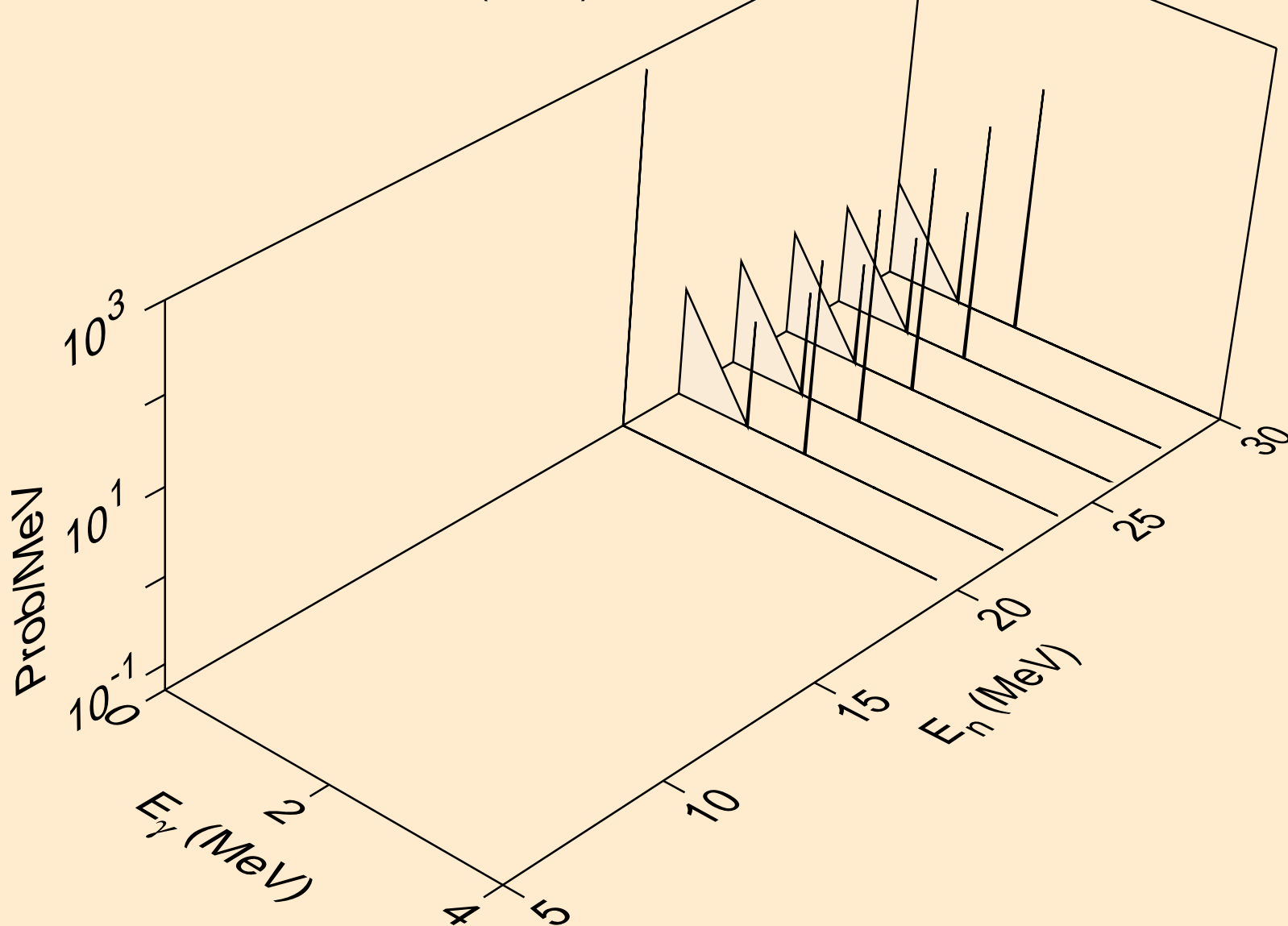
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



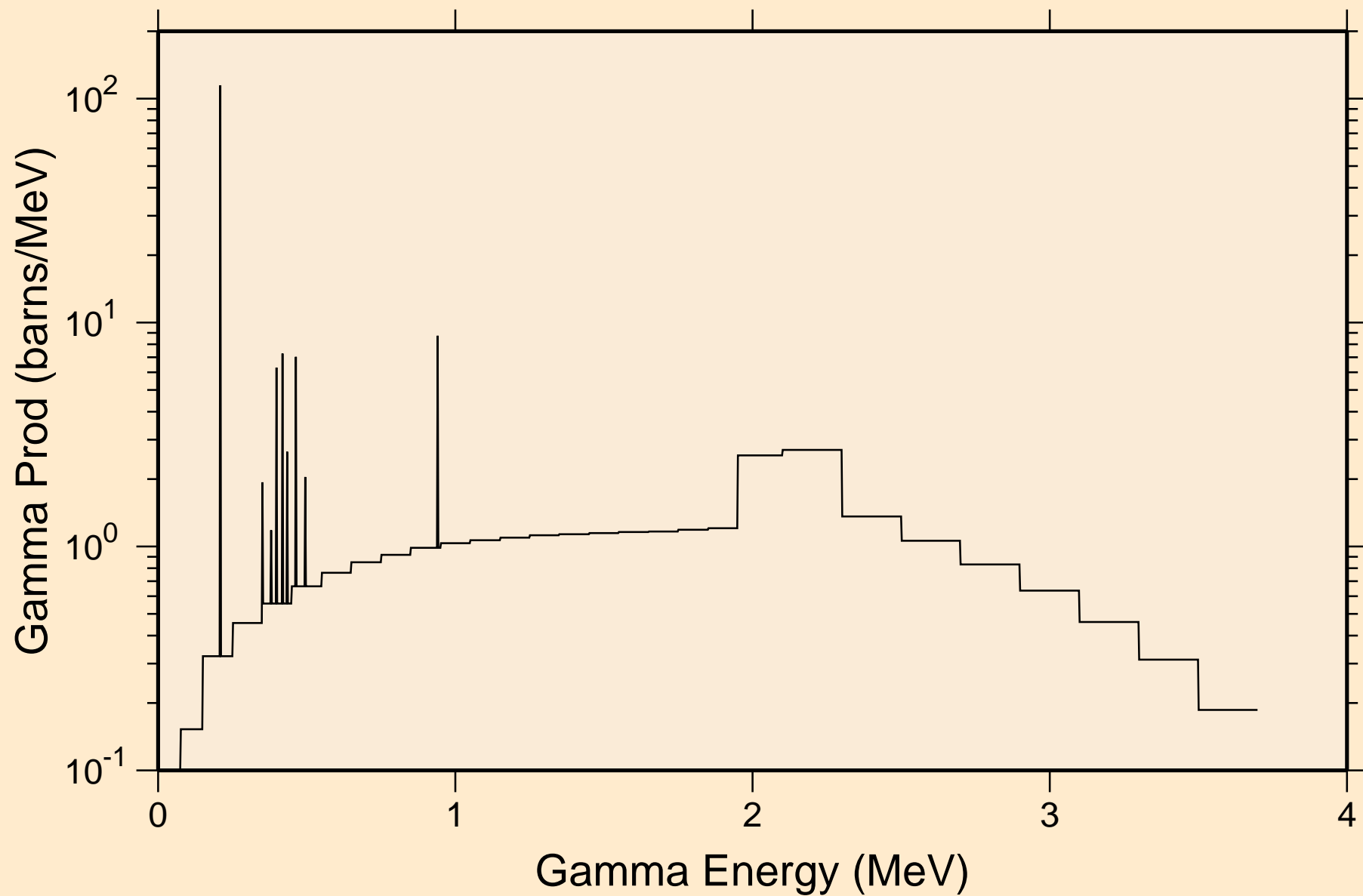
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



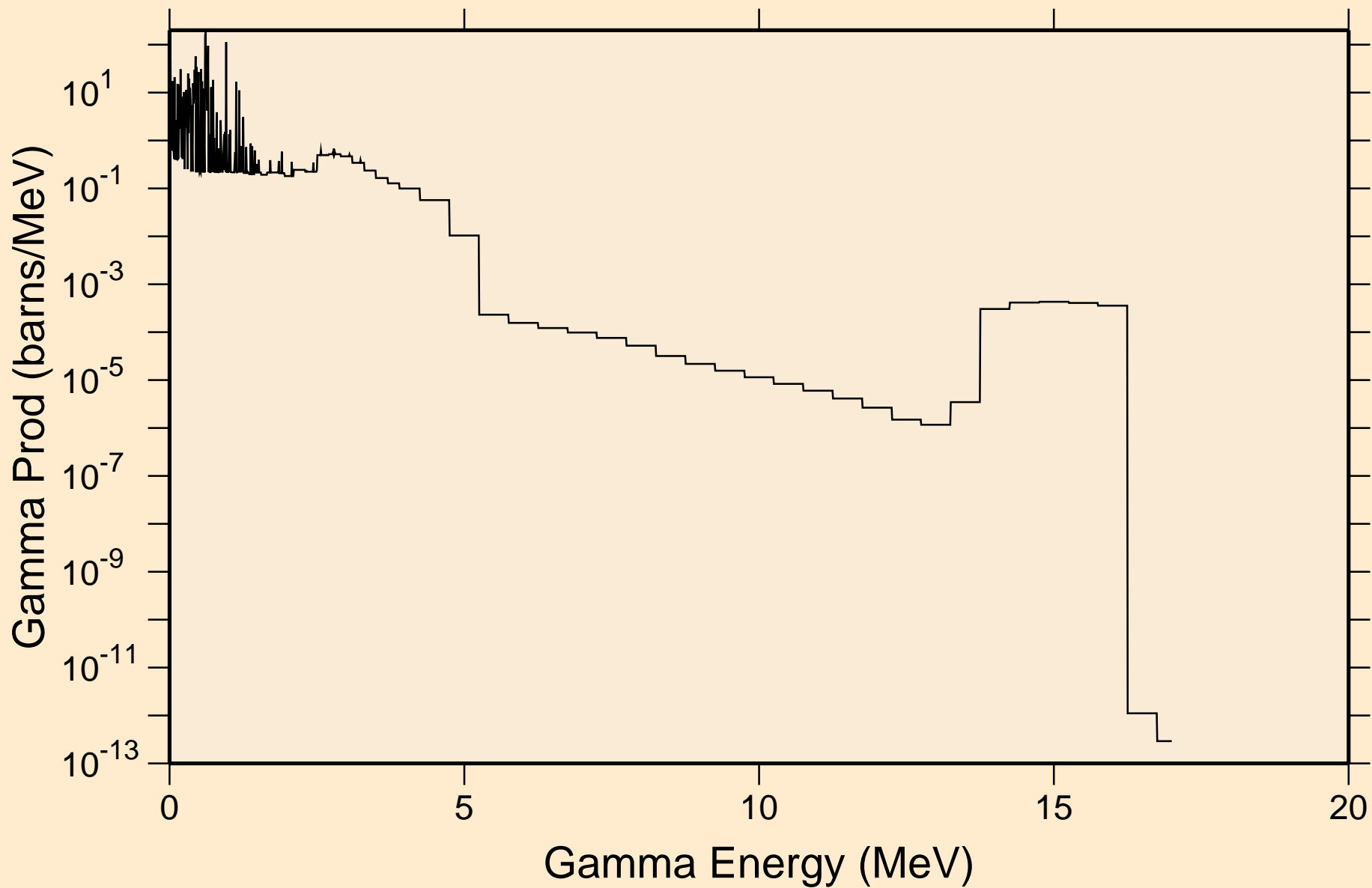
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



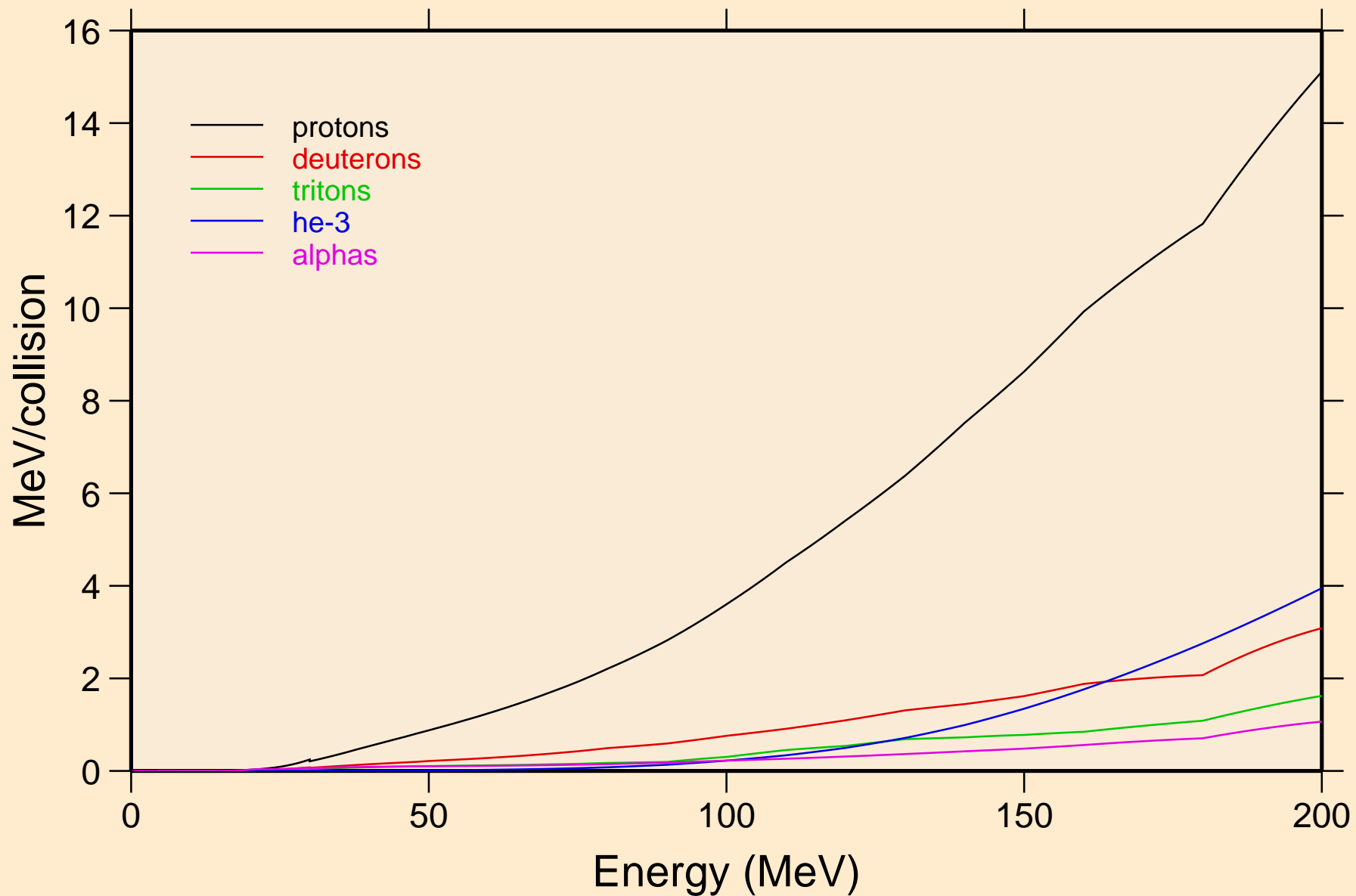
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum



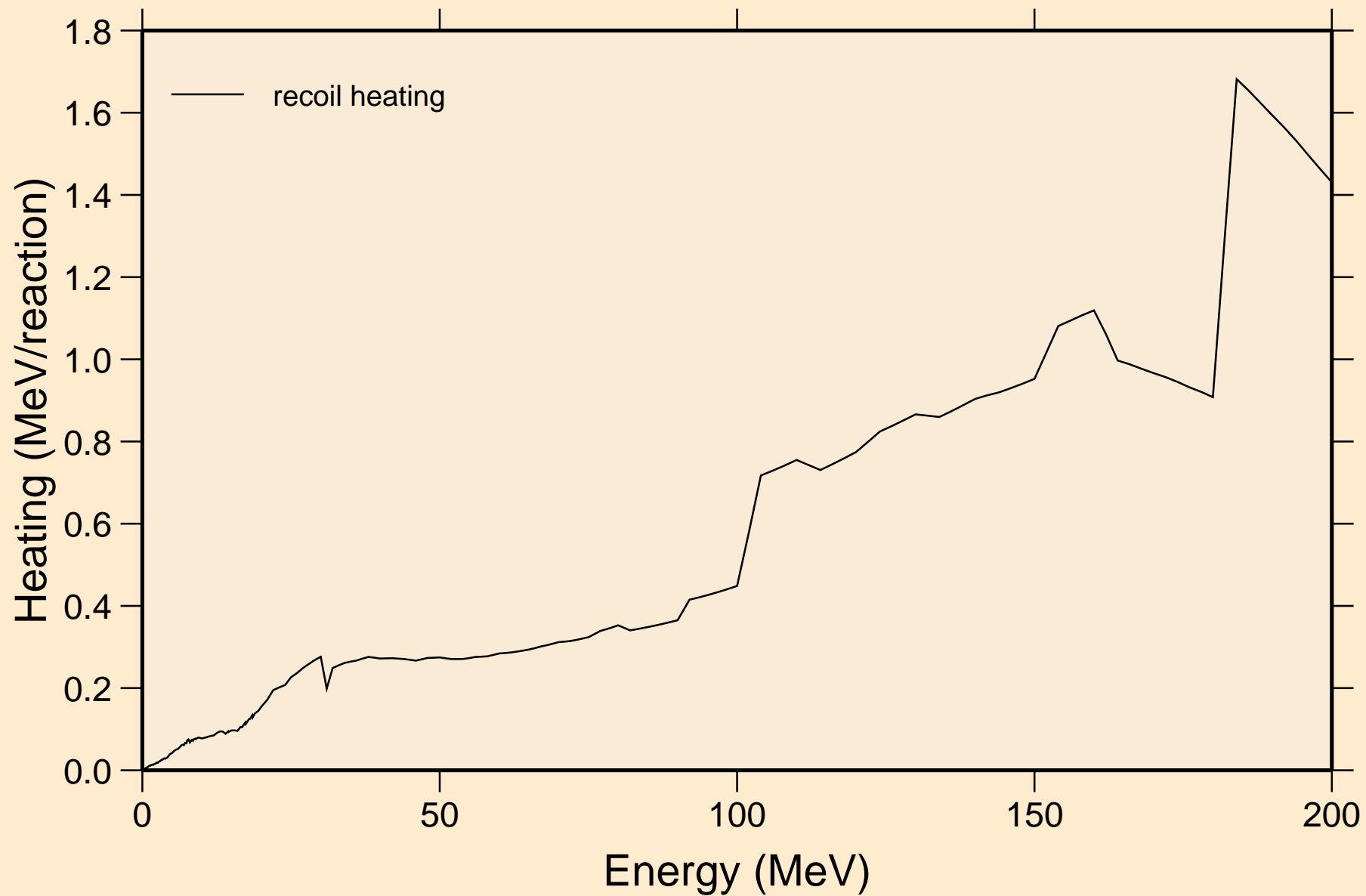
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum



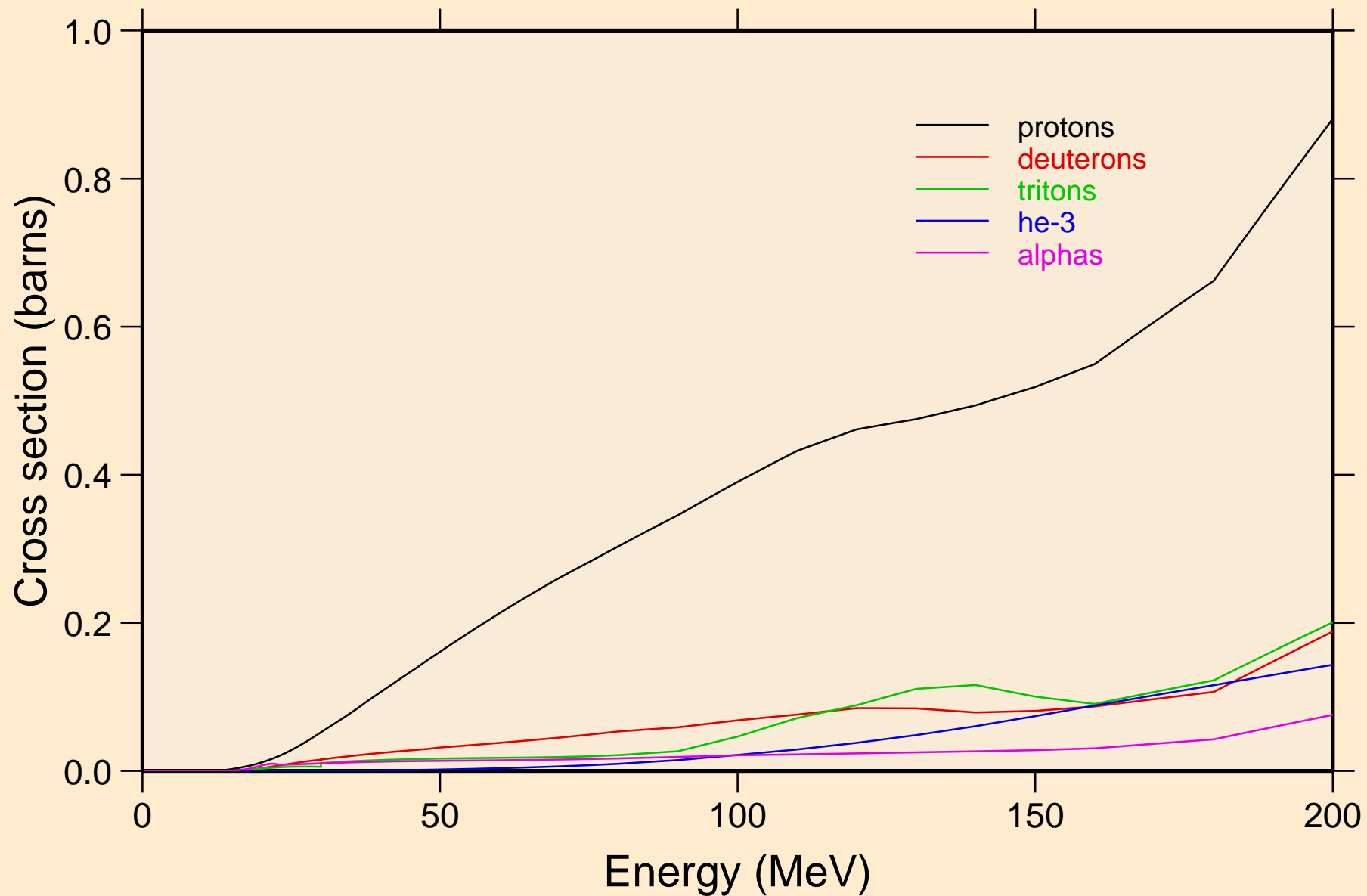
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle heating contributions



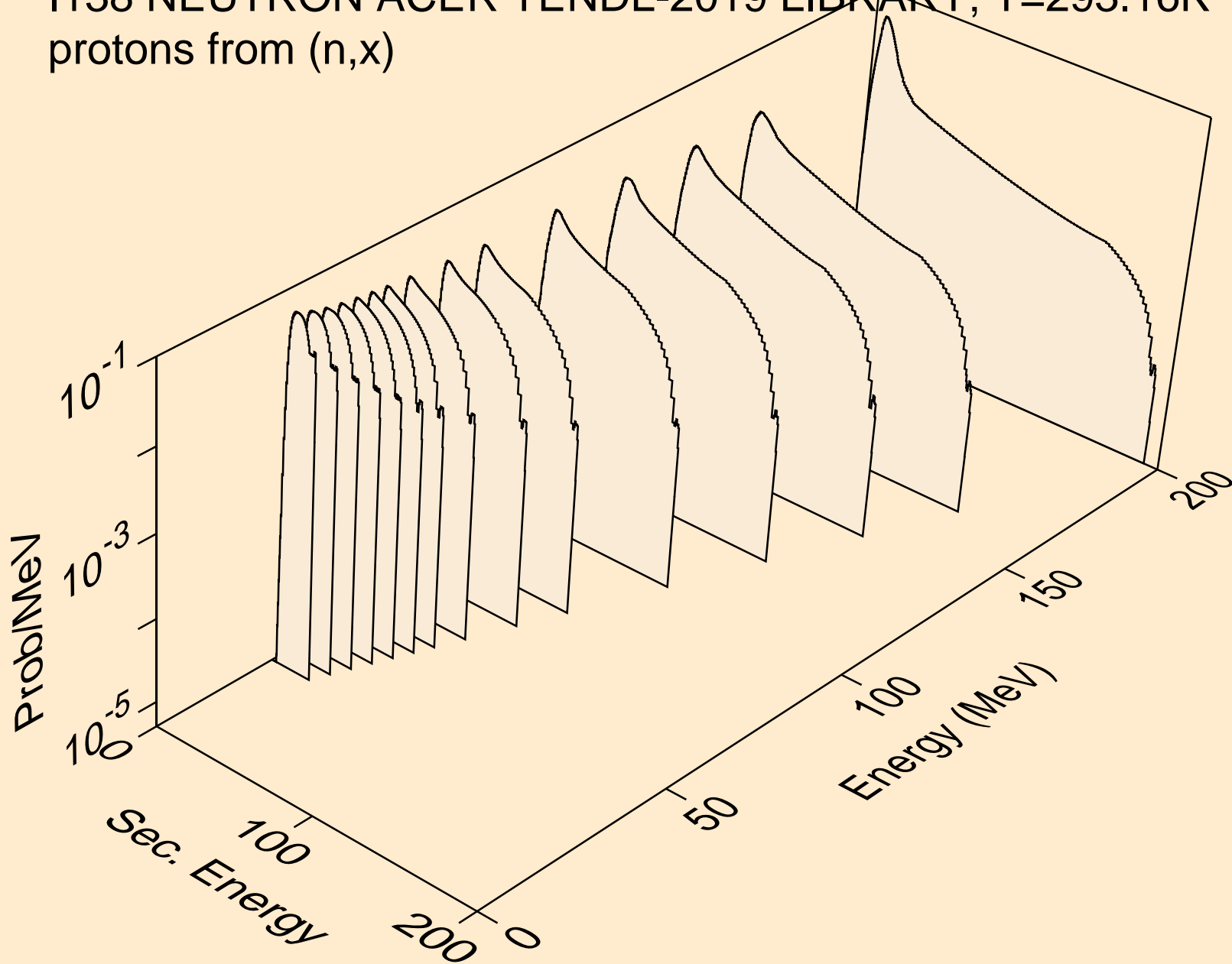
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



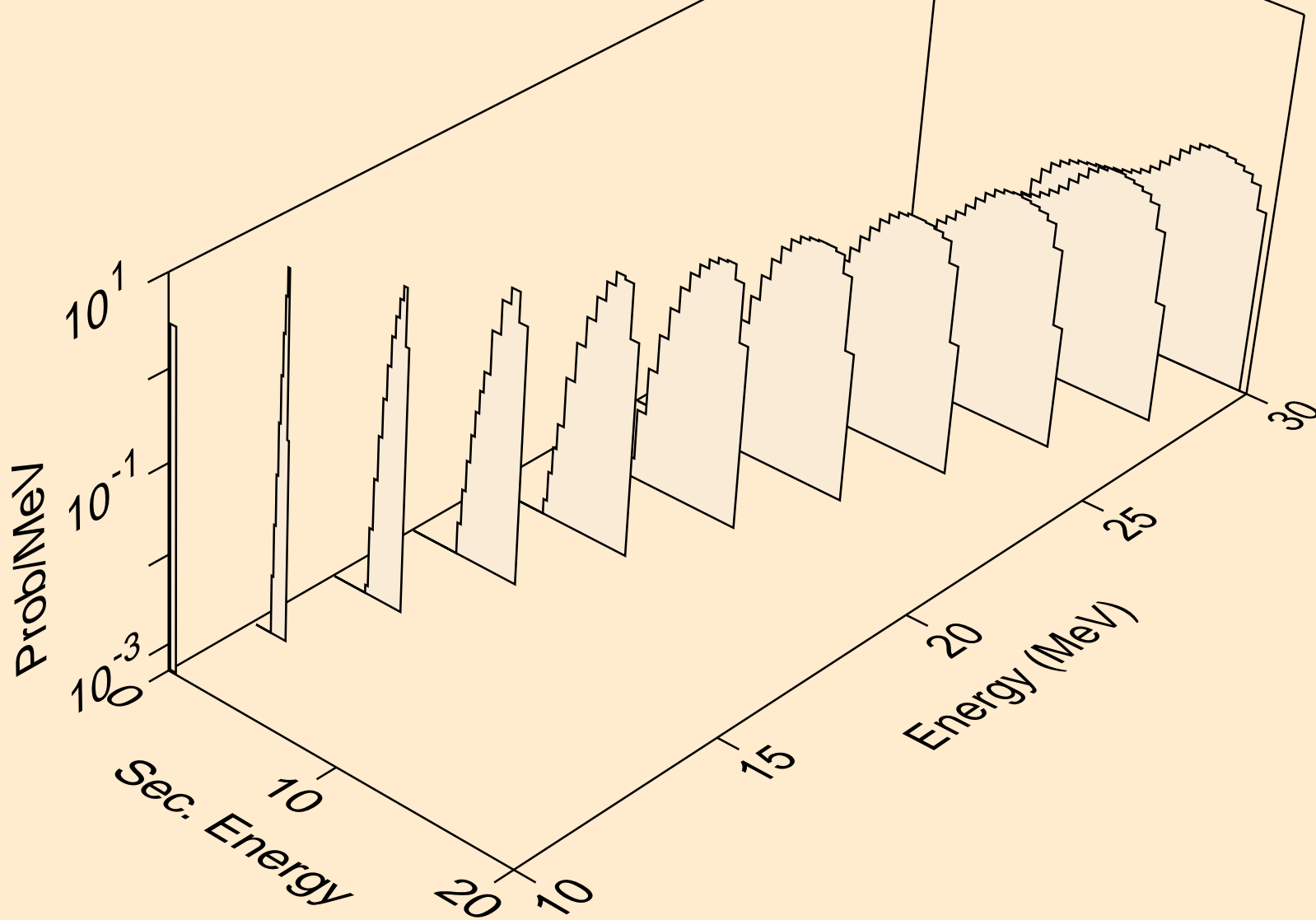
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



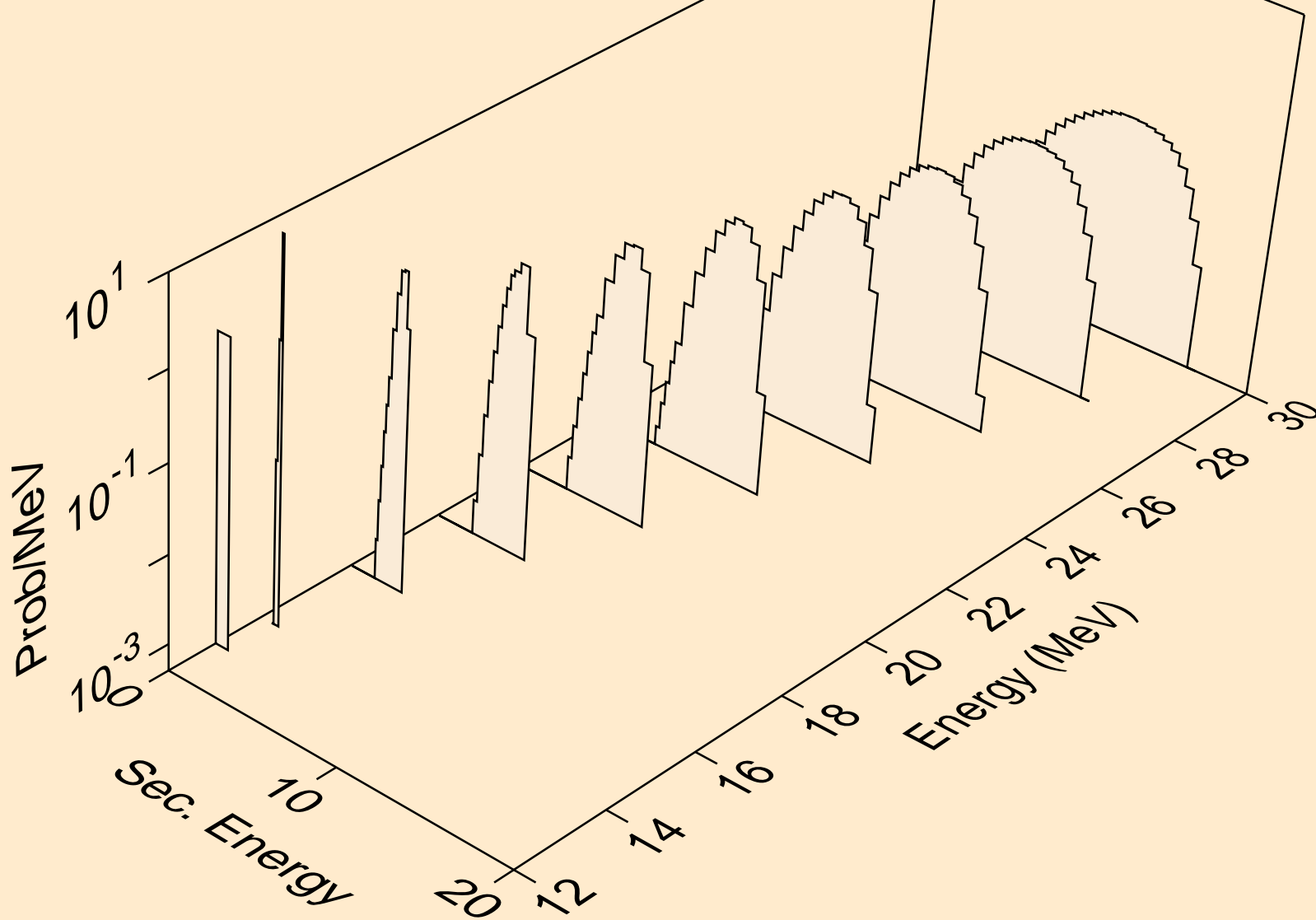
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



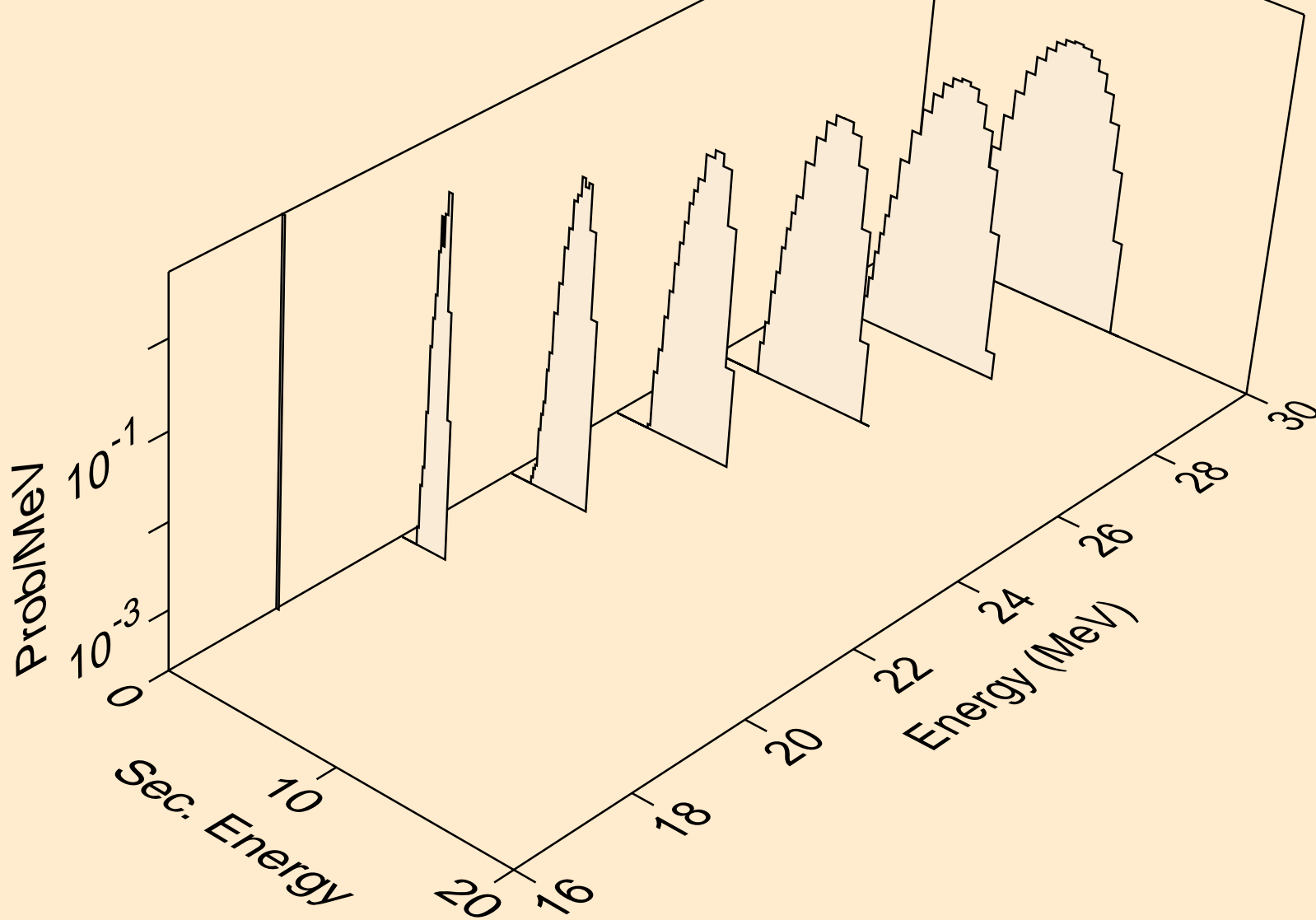
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



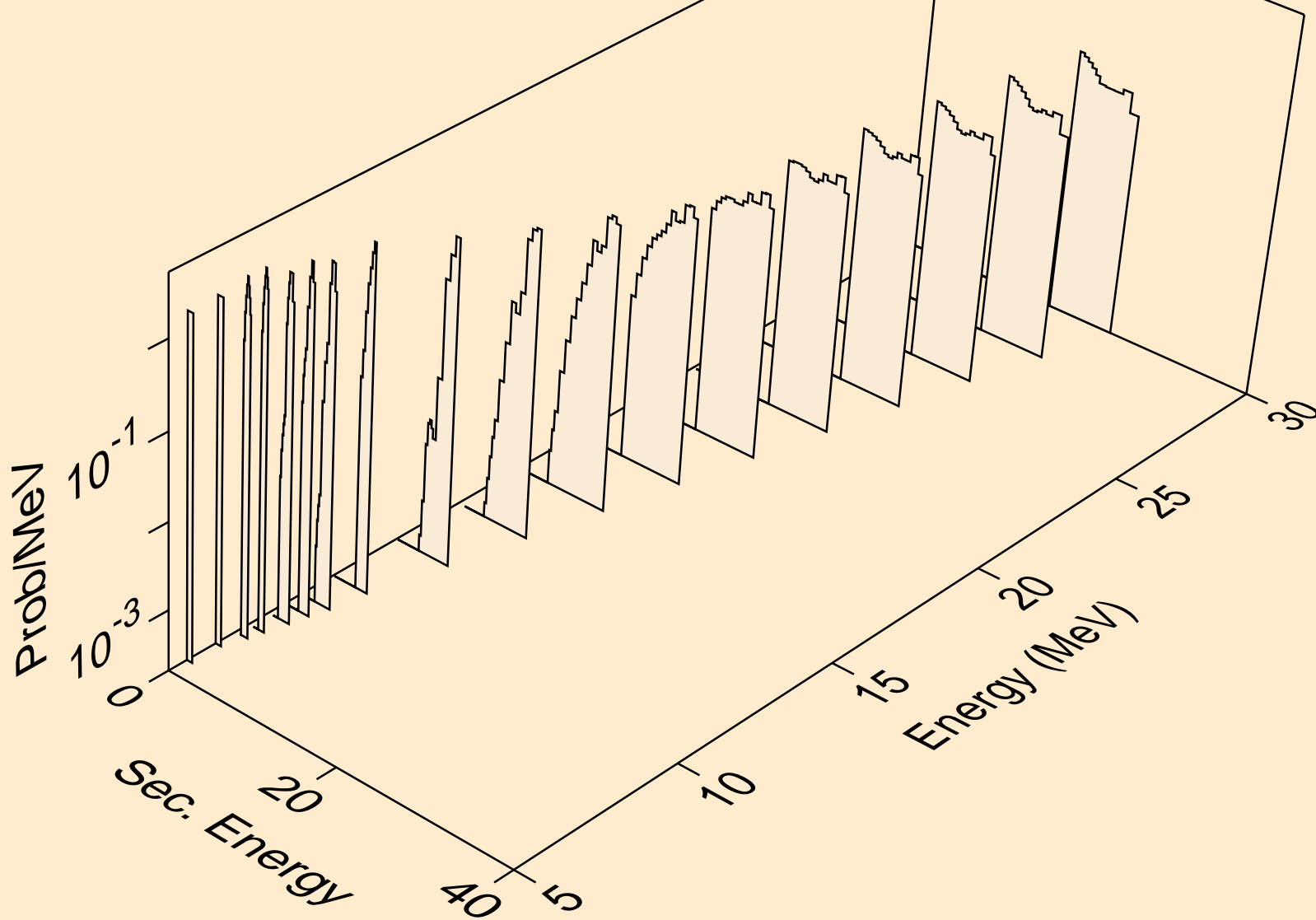
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



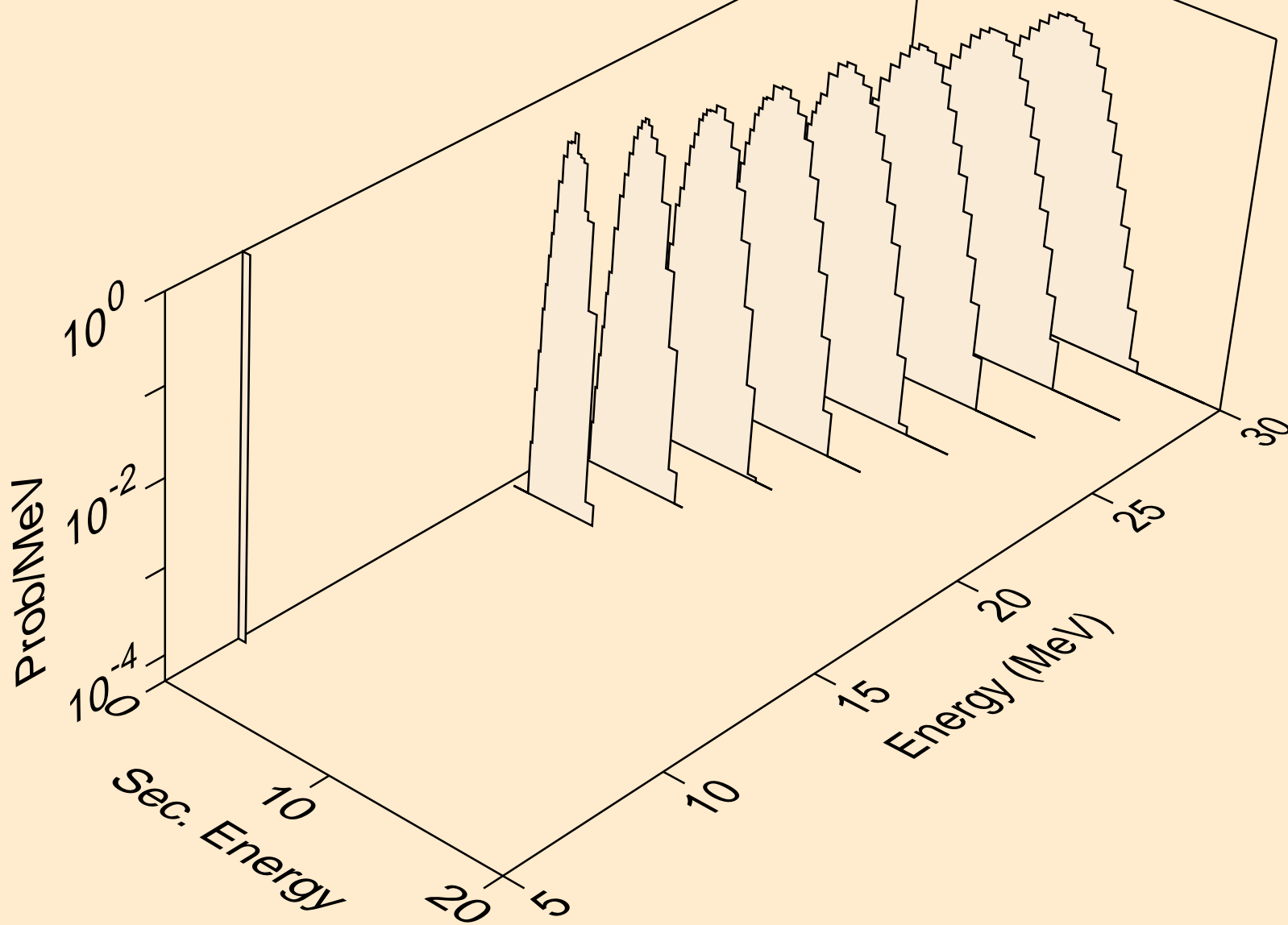
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



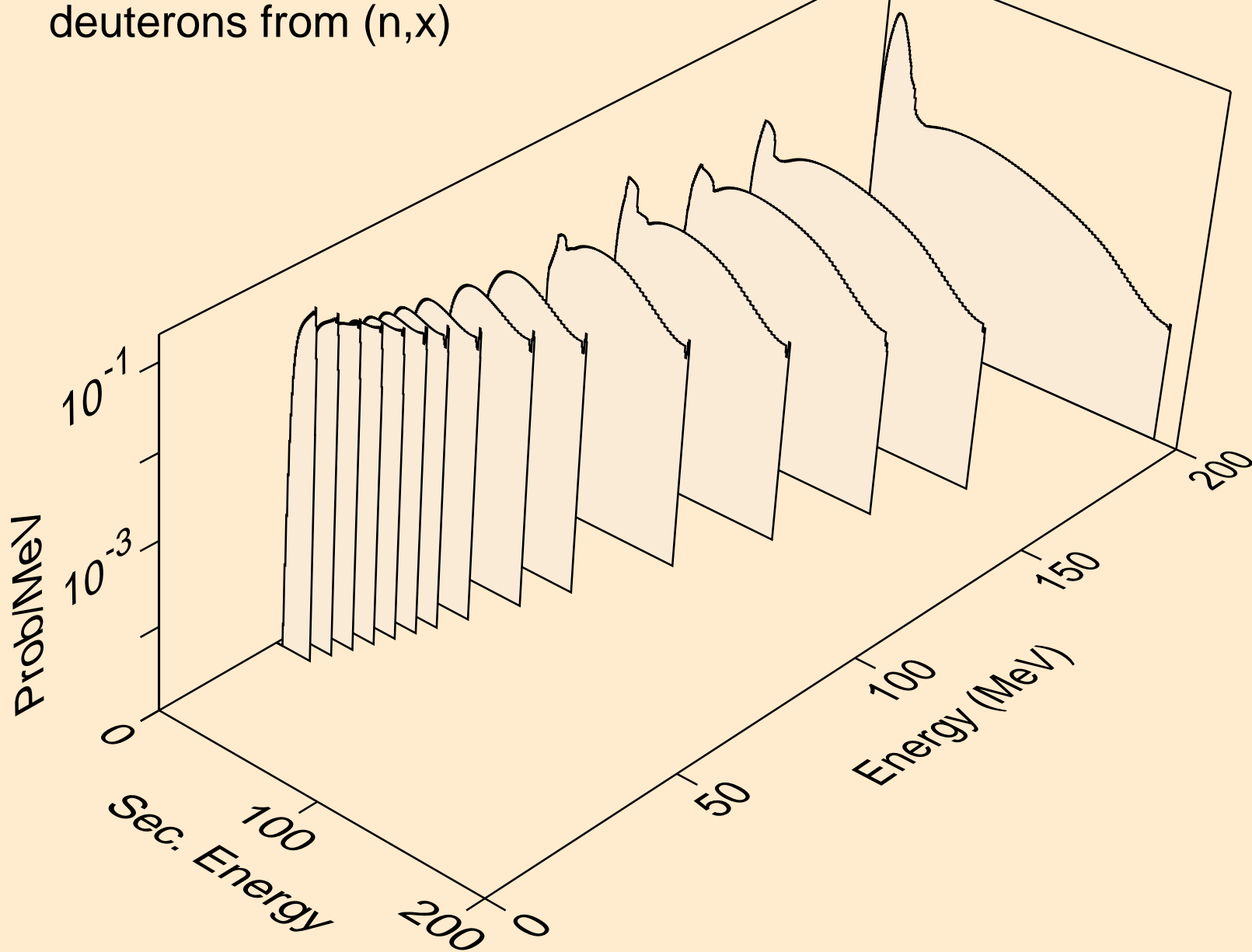
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



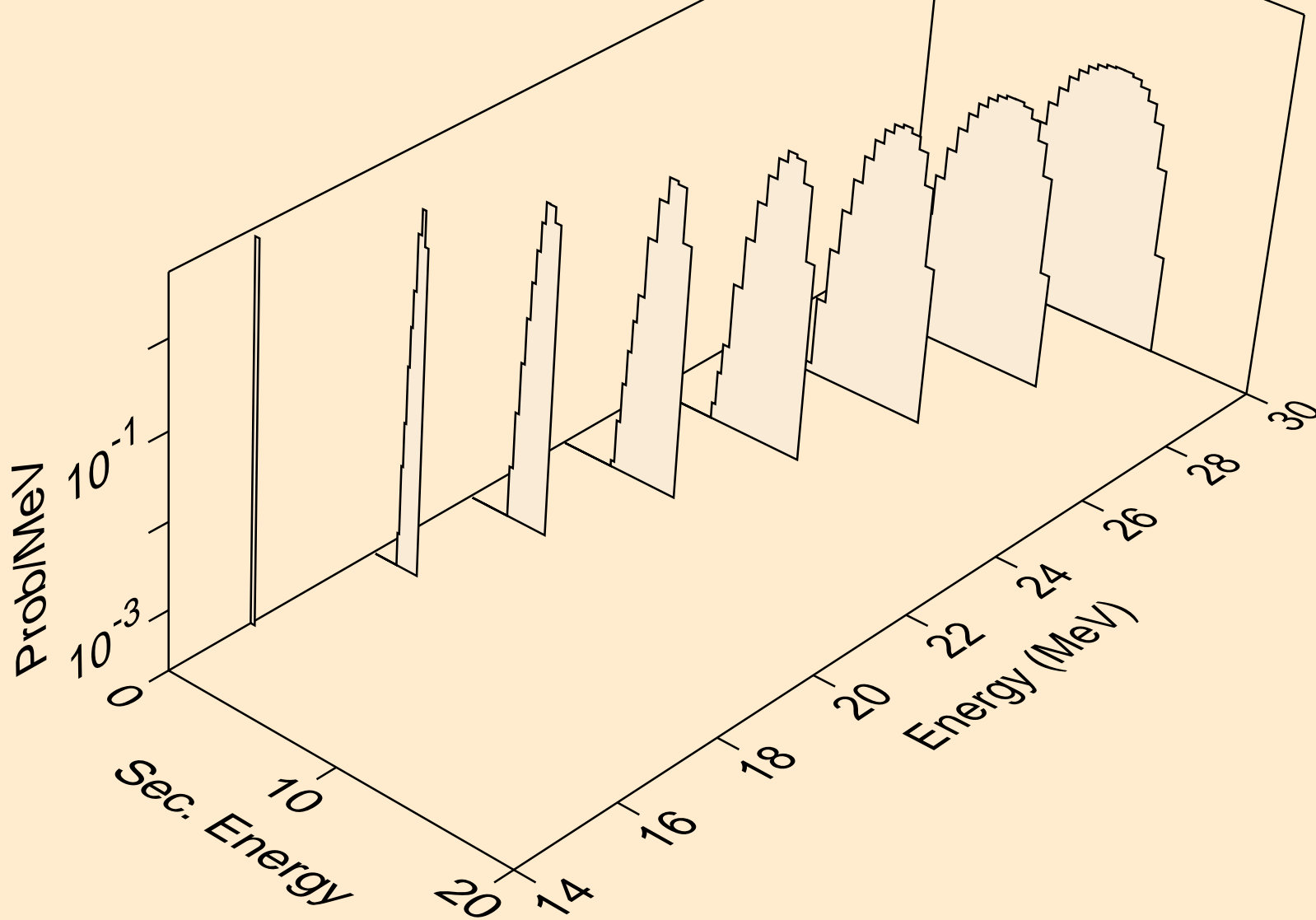
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pa)



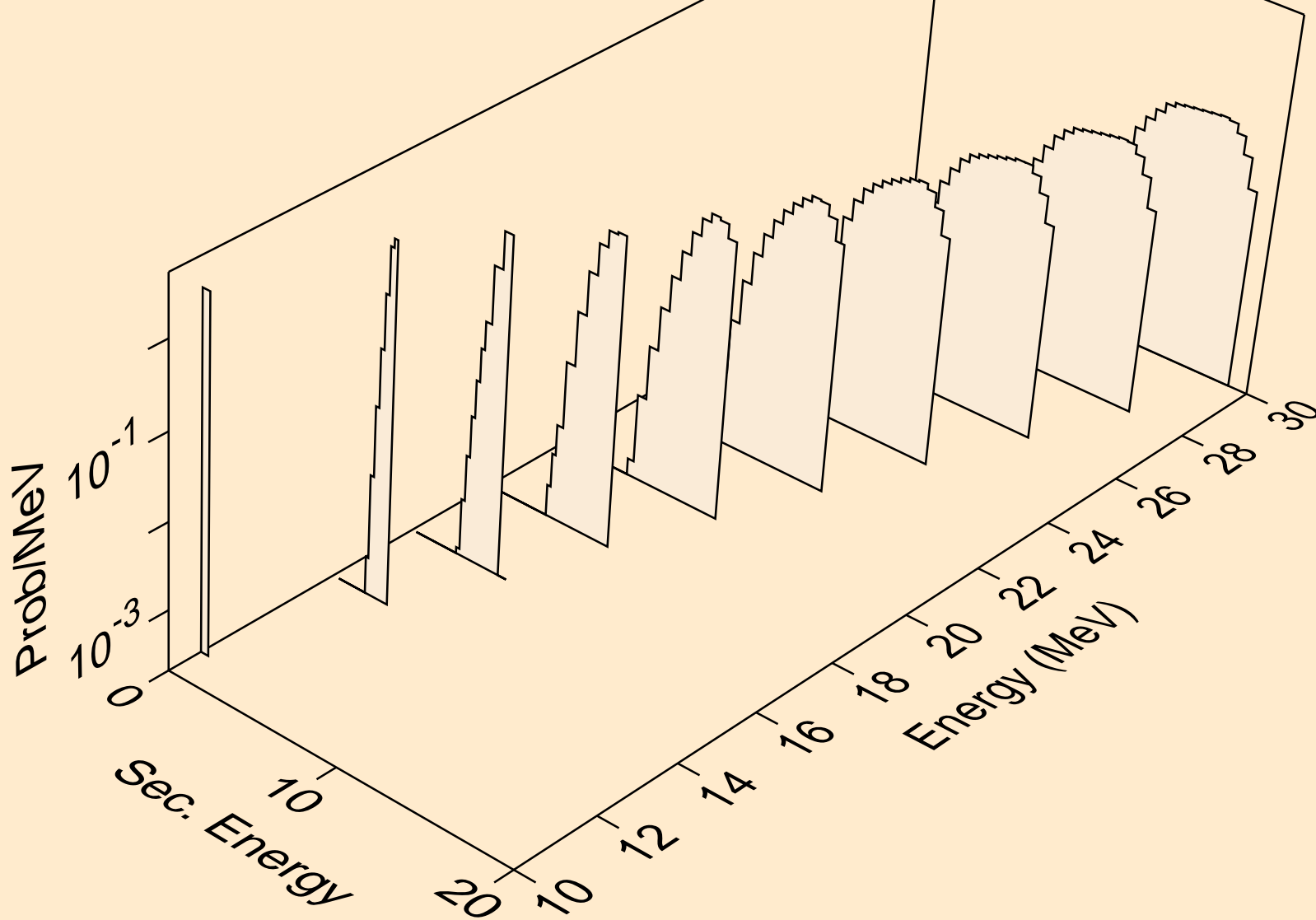
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



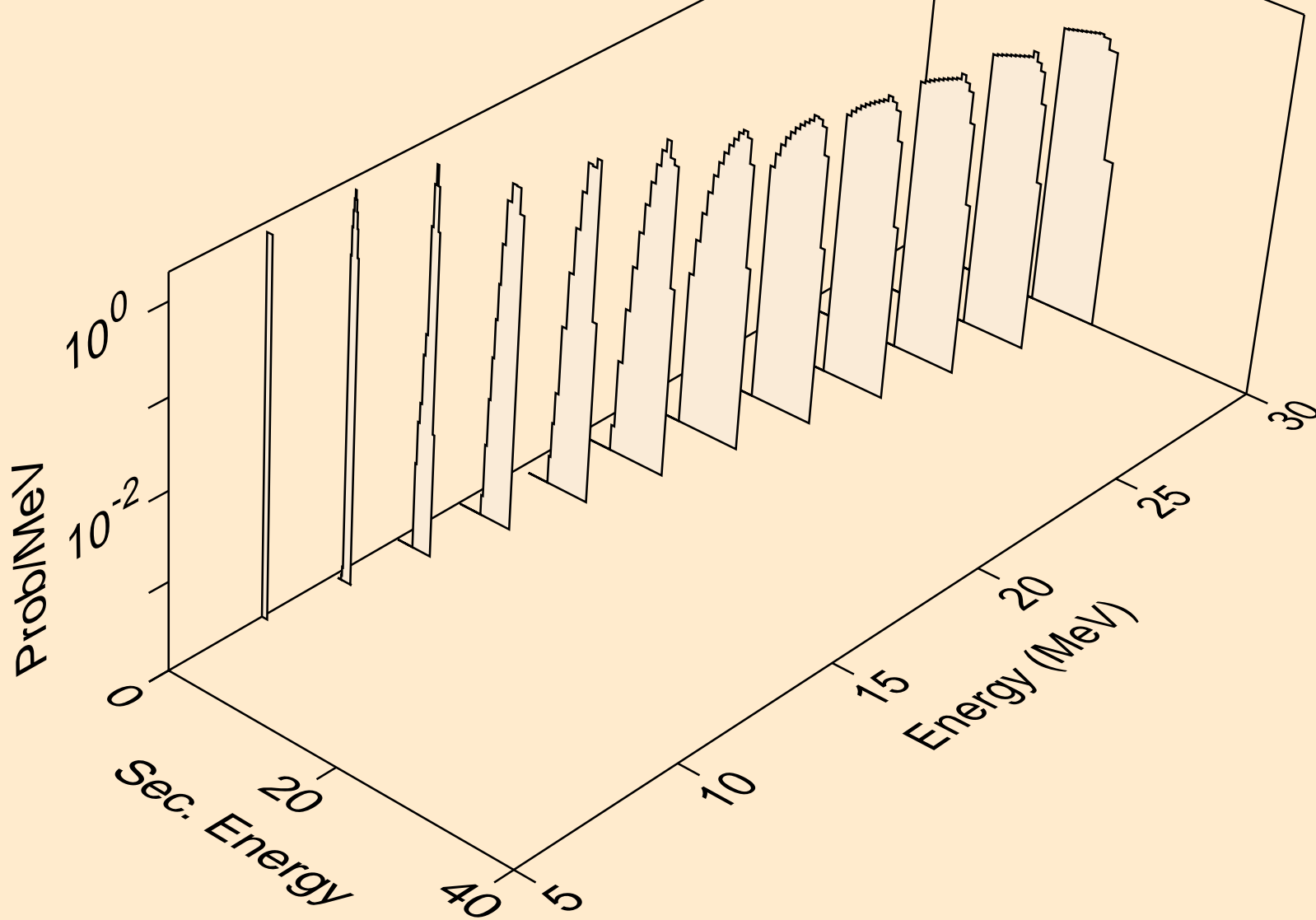
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



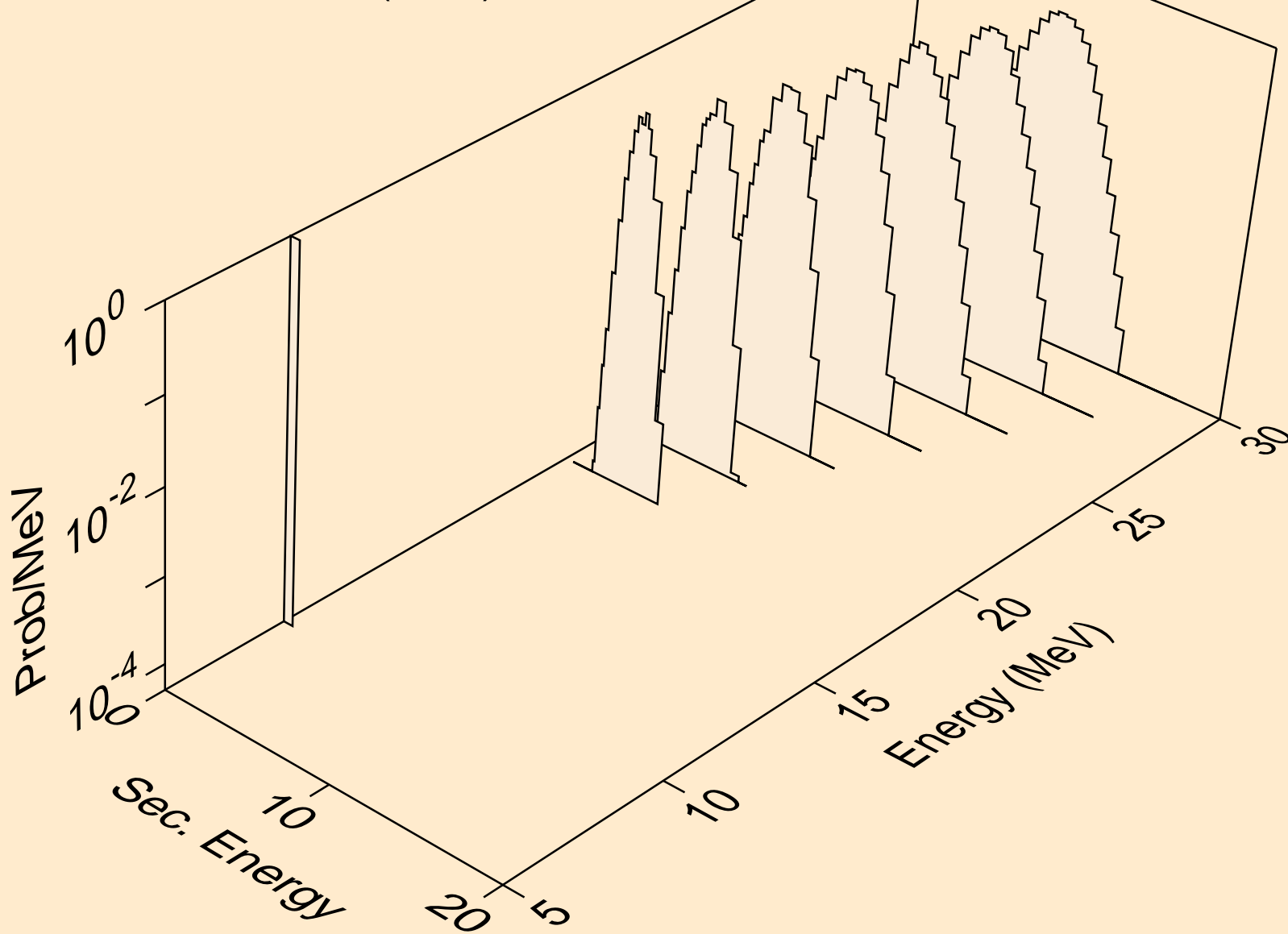
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



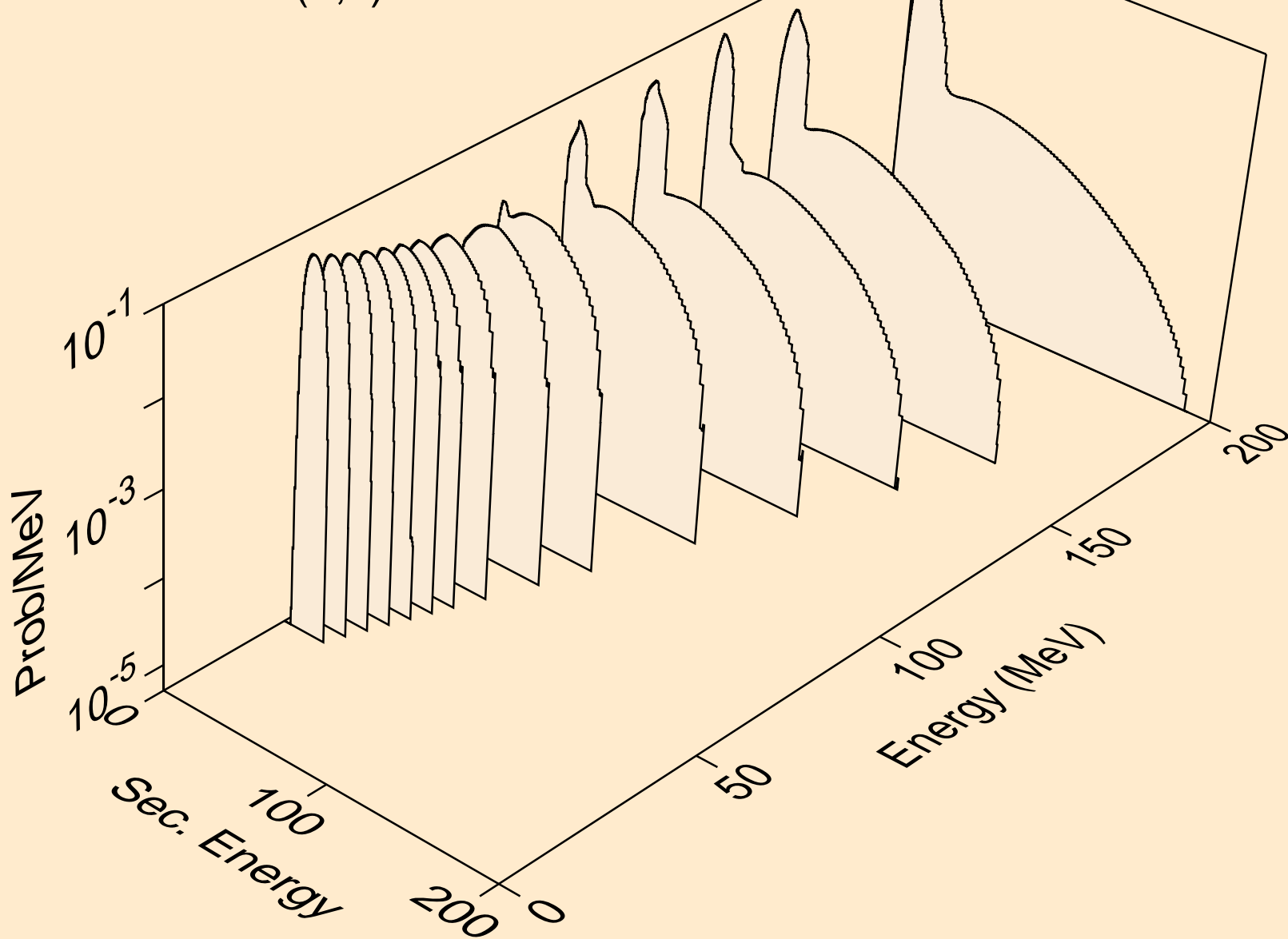
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deuterons from (n,d)



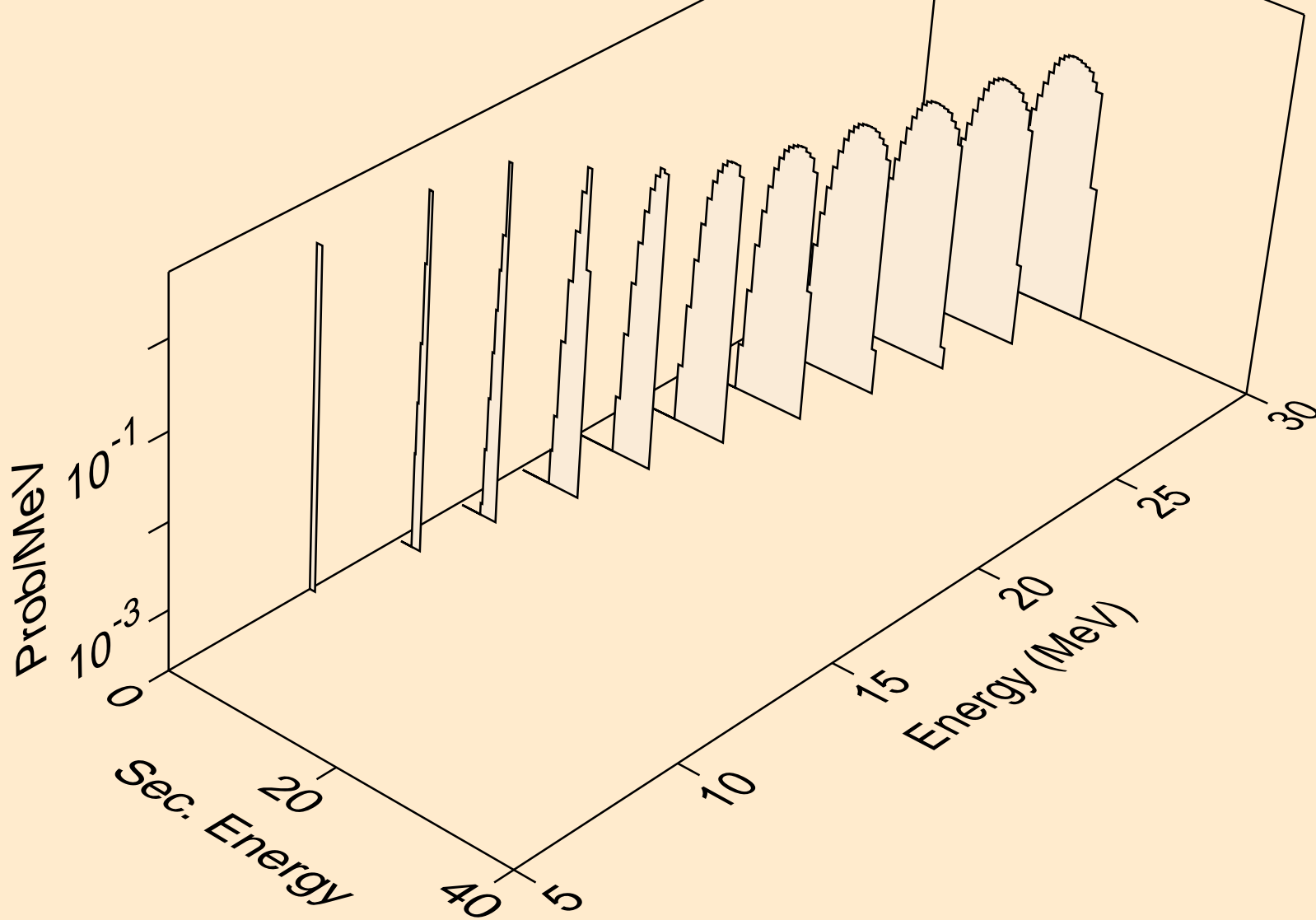
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



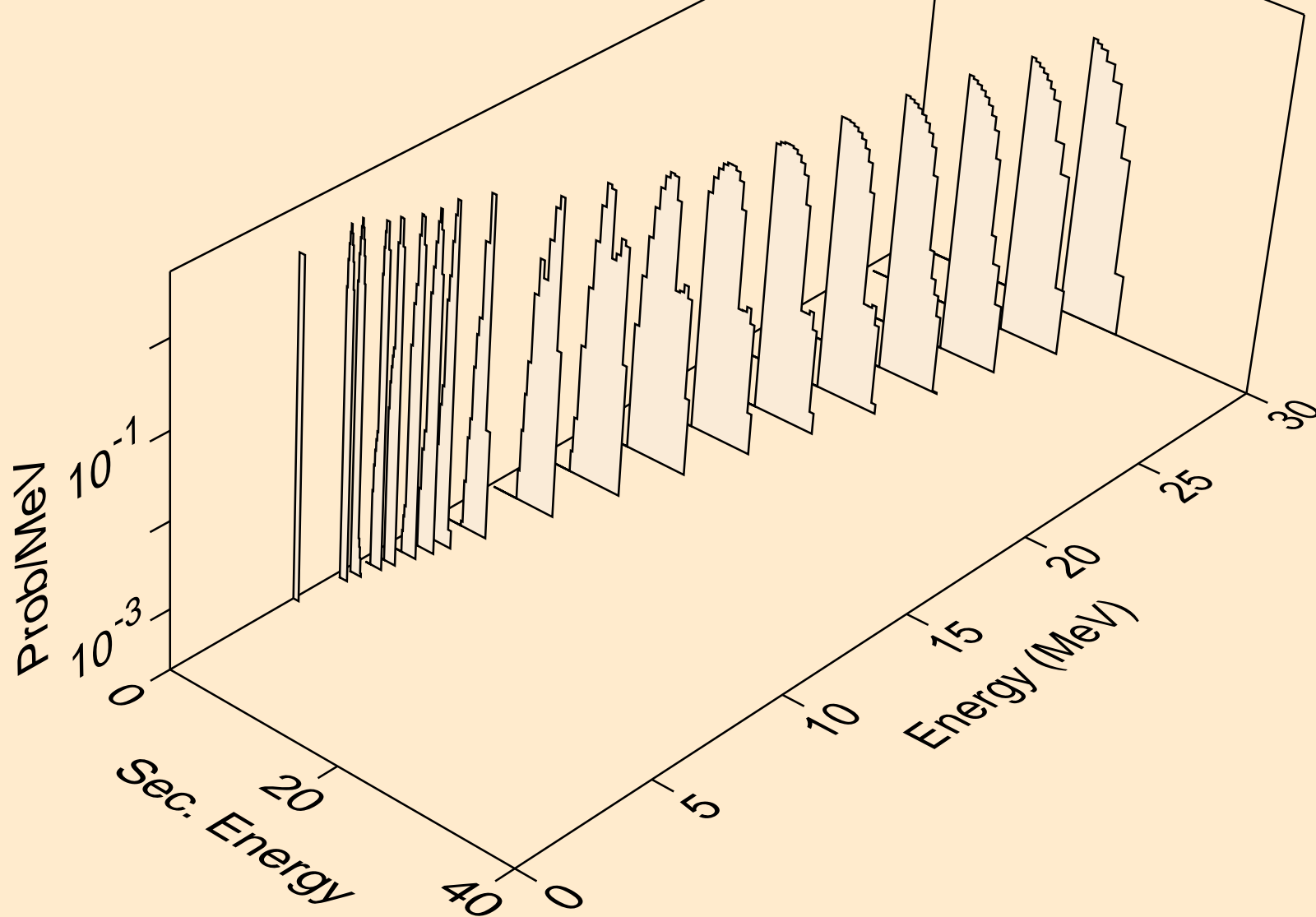
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



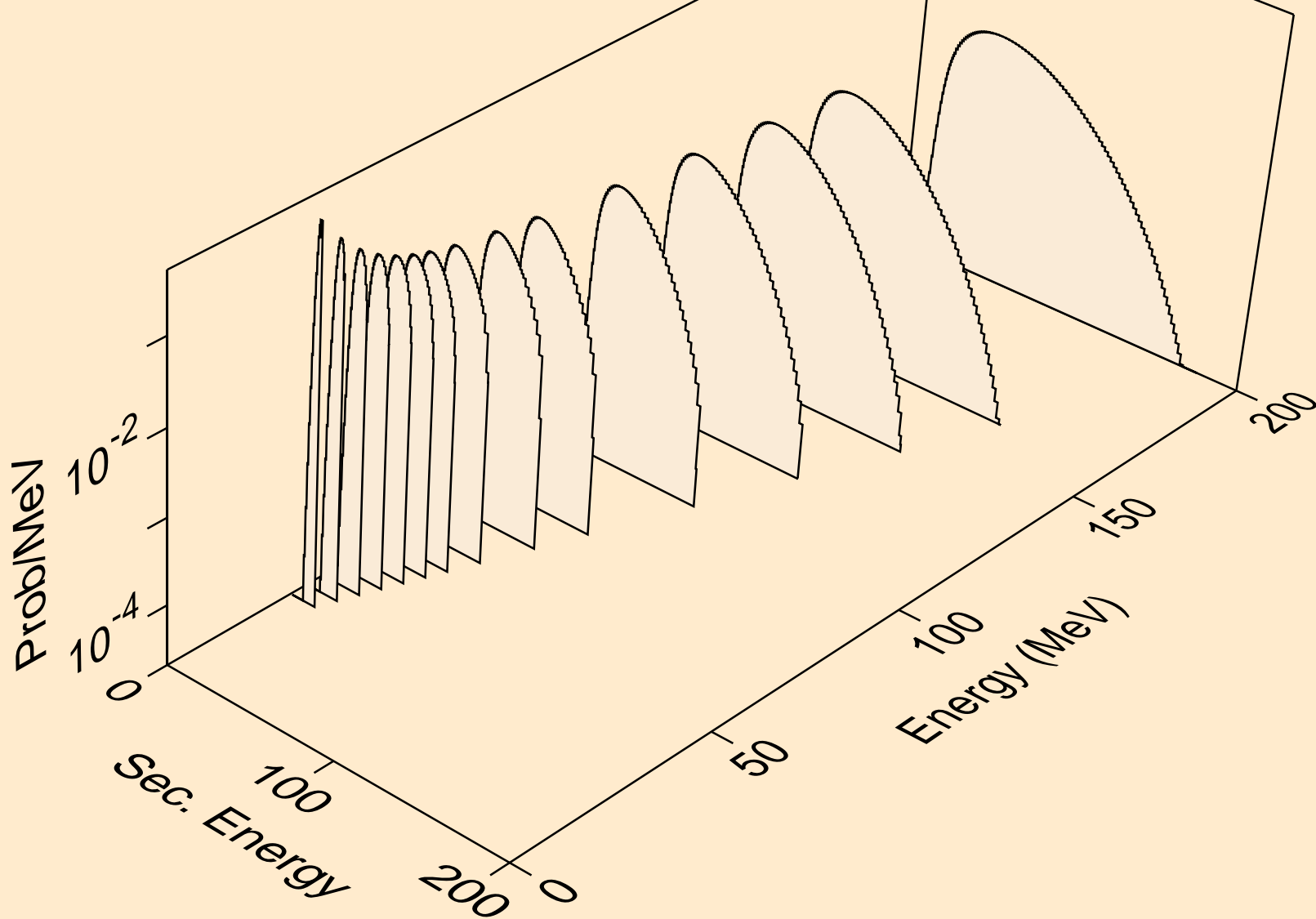
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



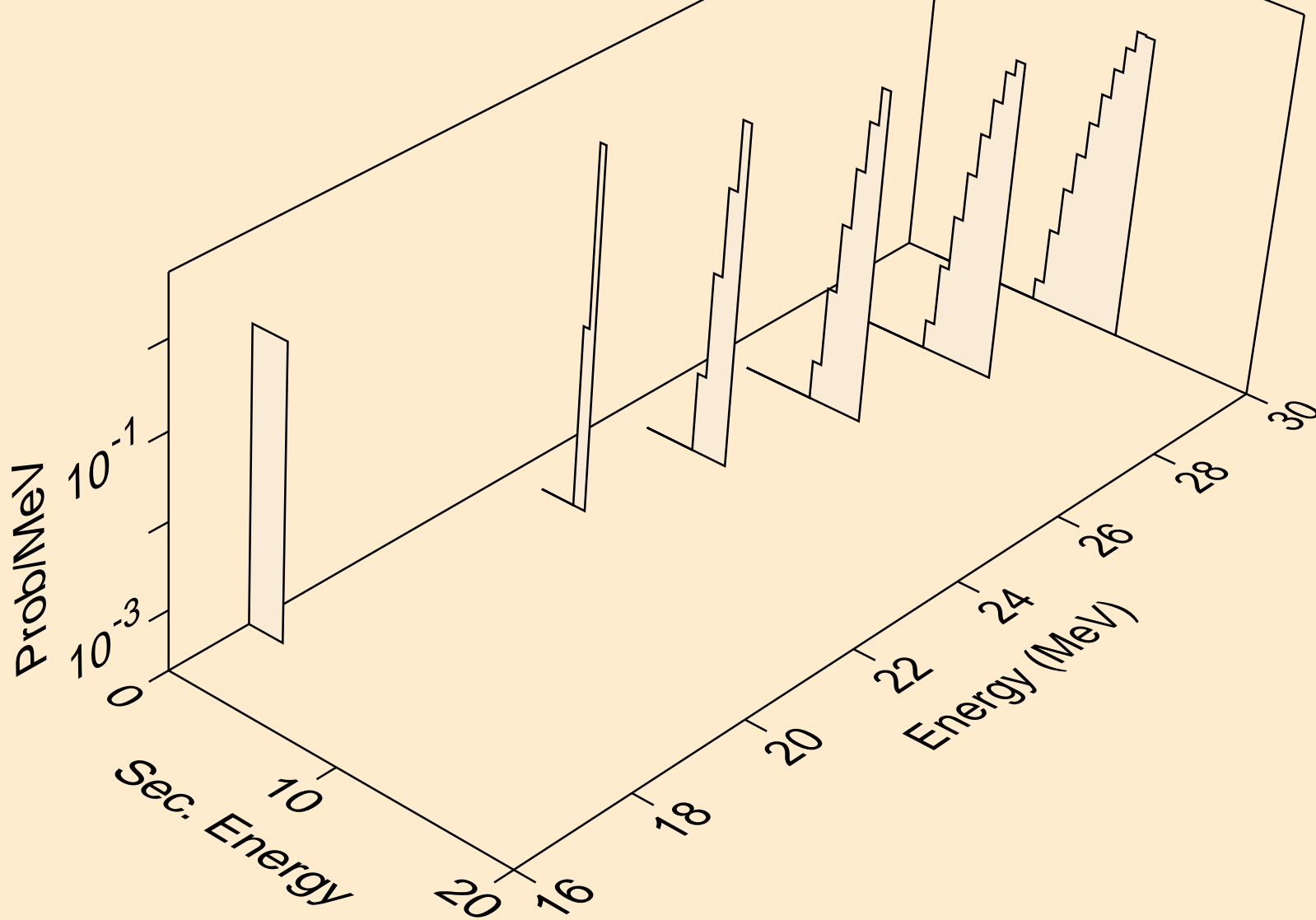
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



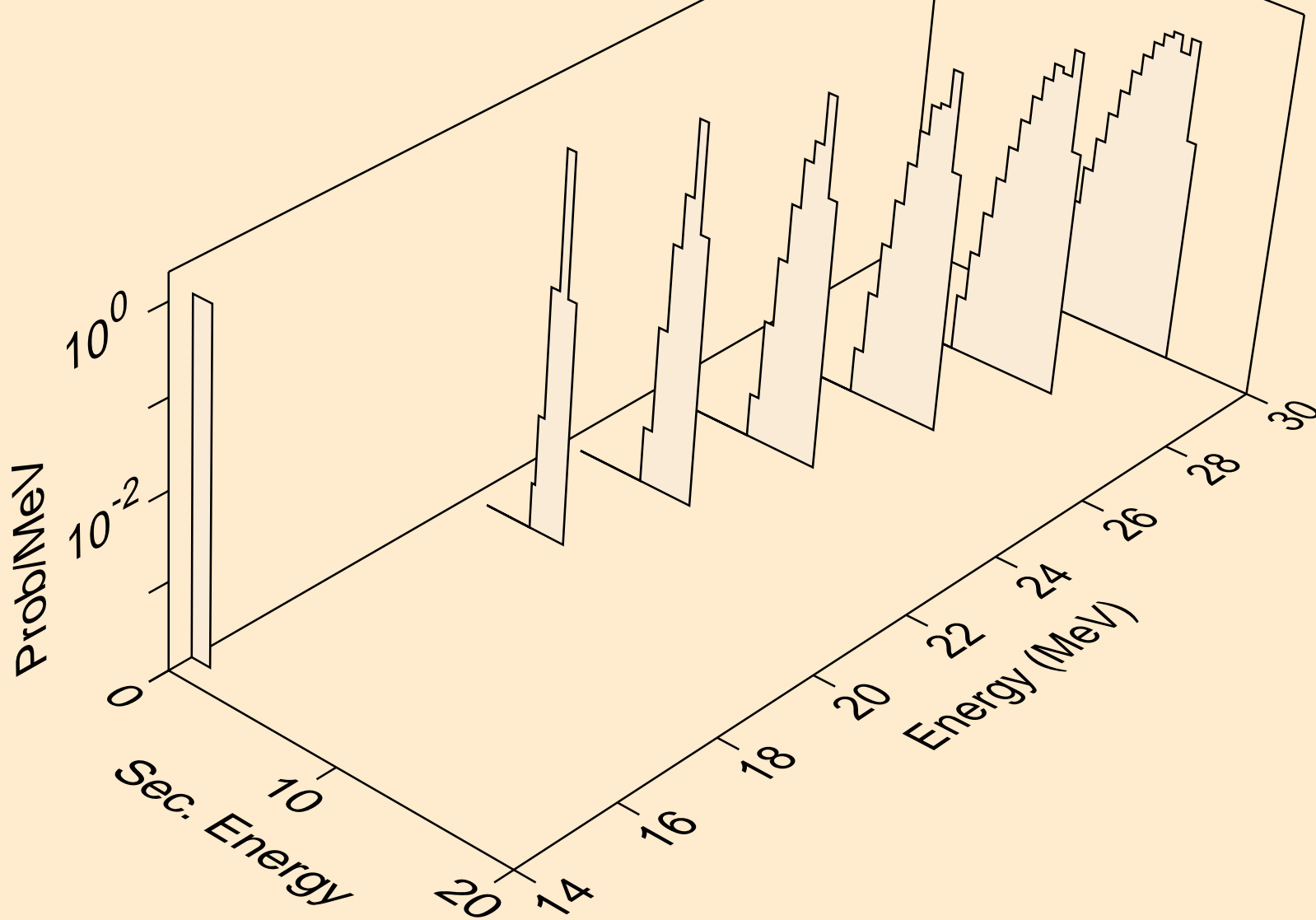
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



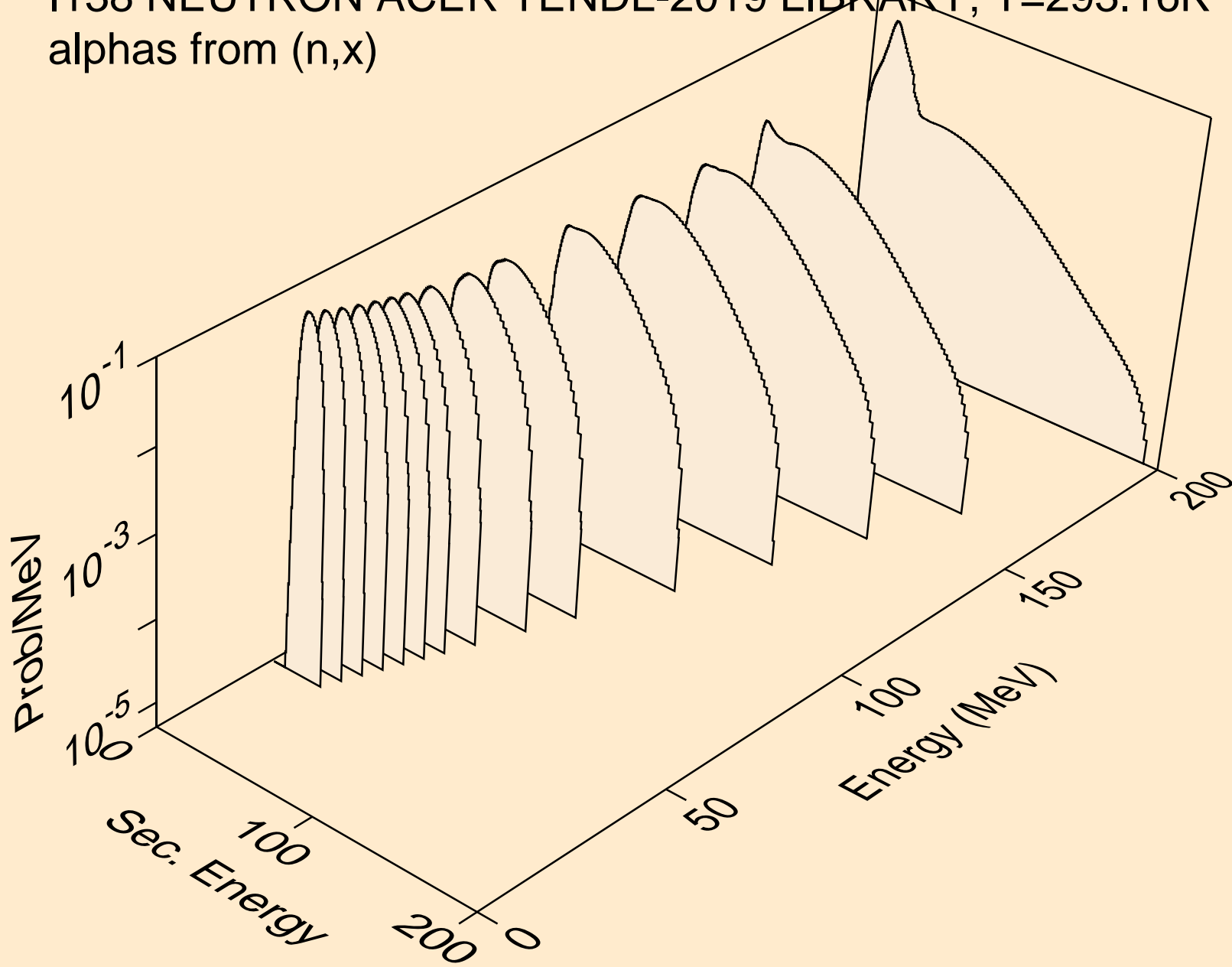
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



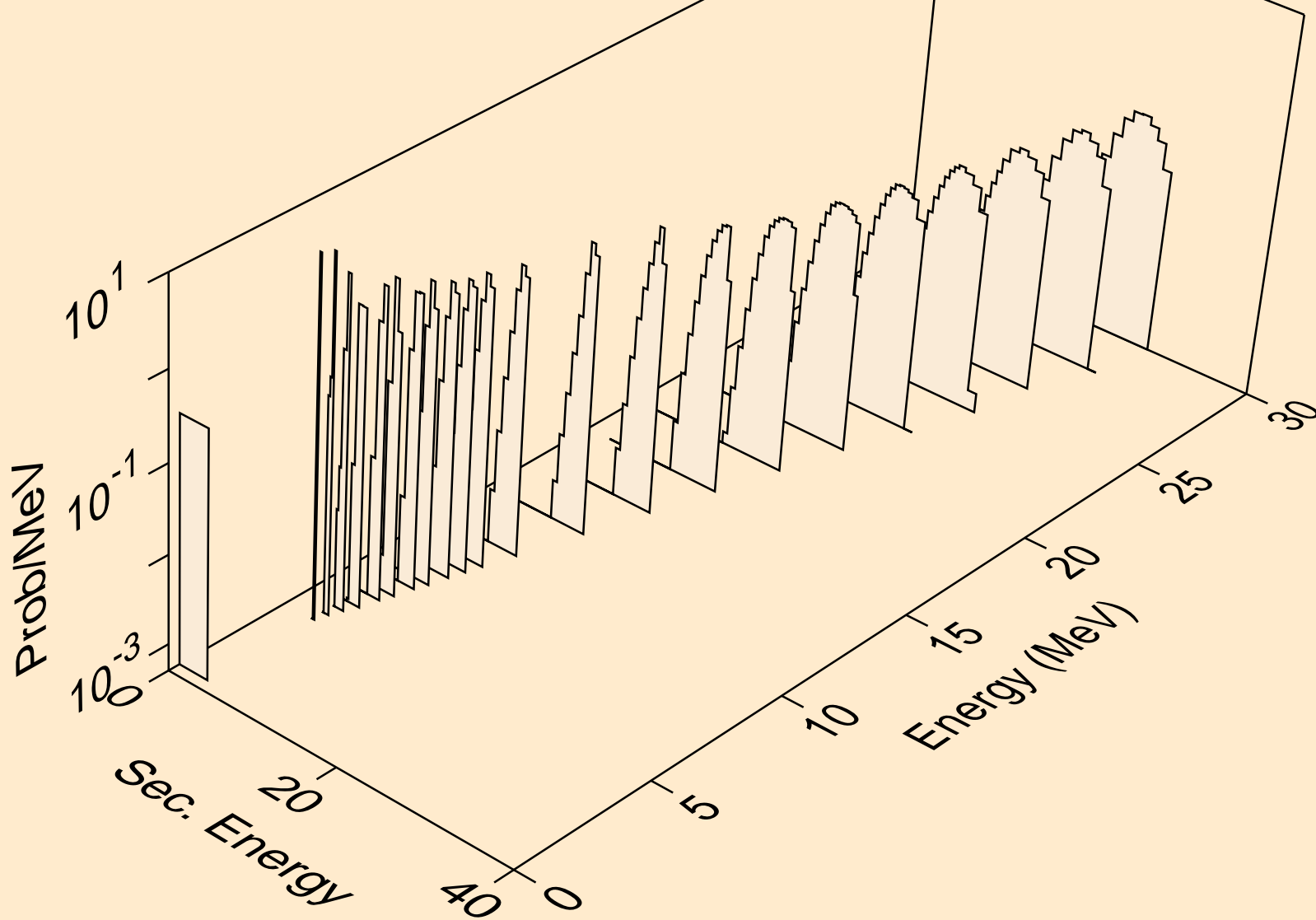
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



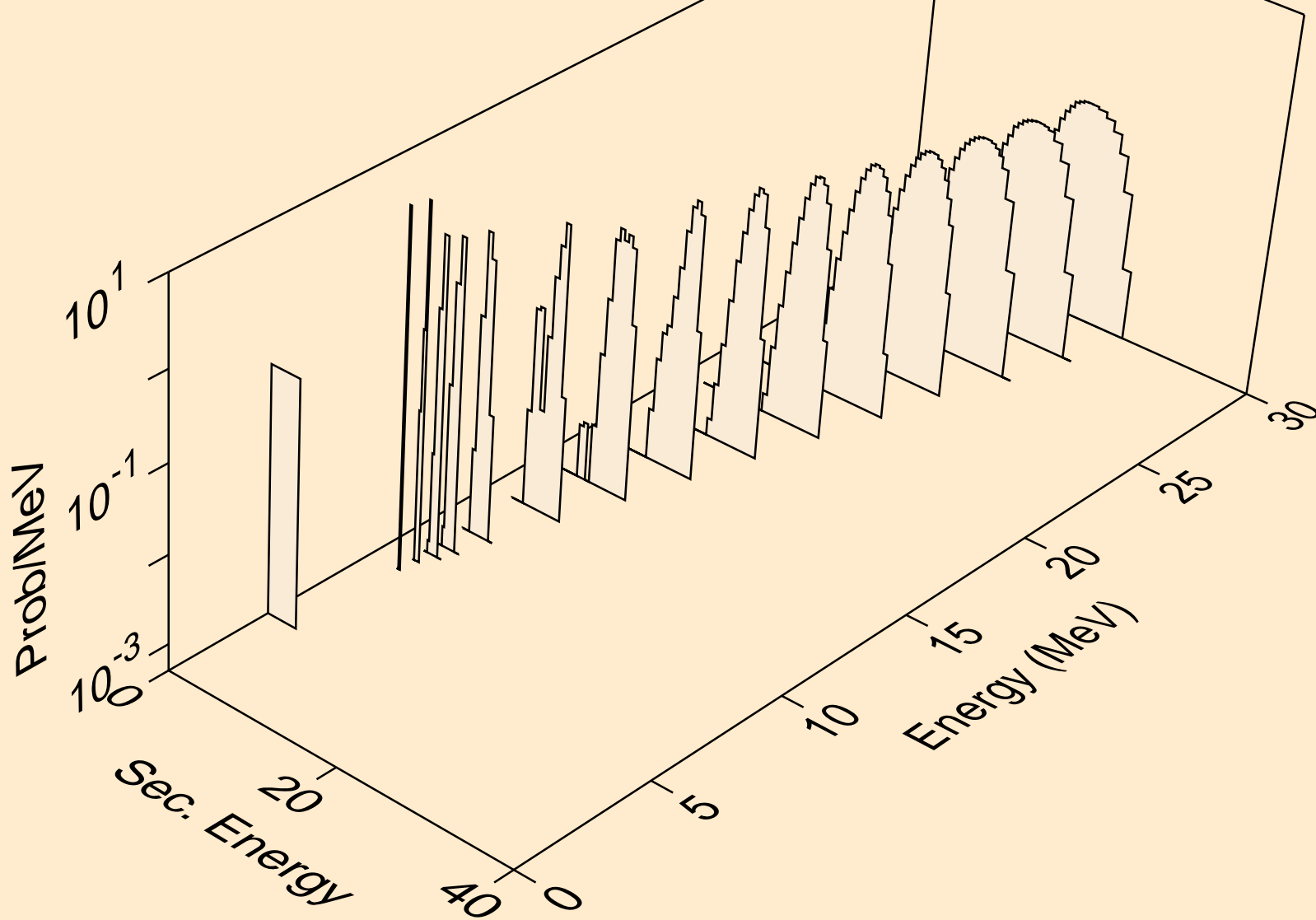
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



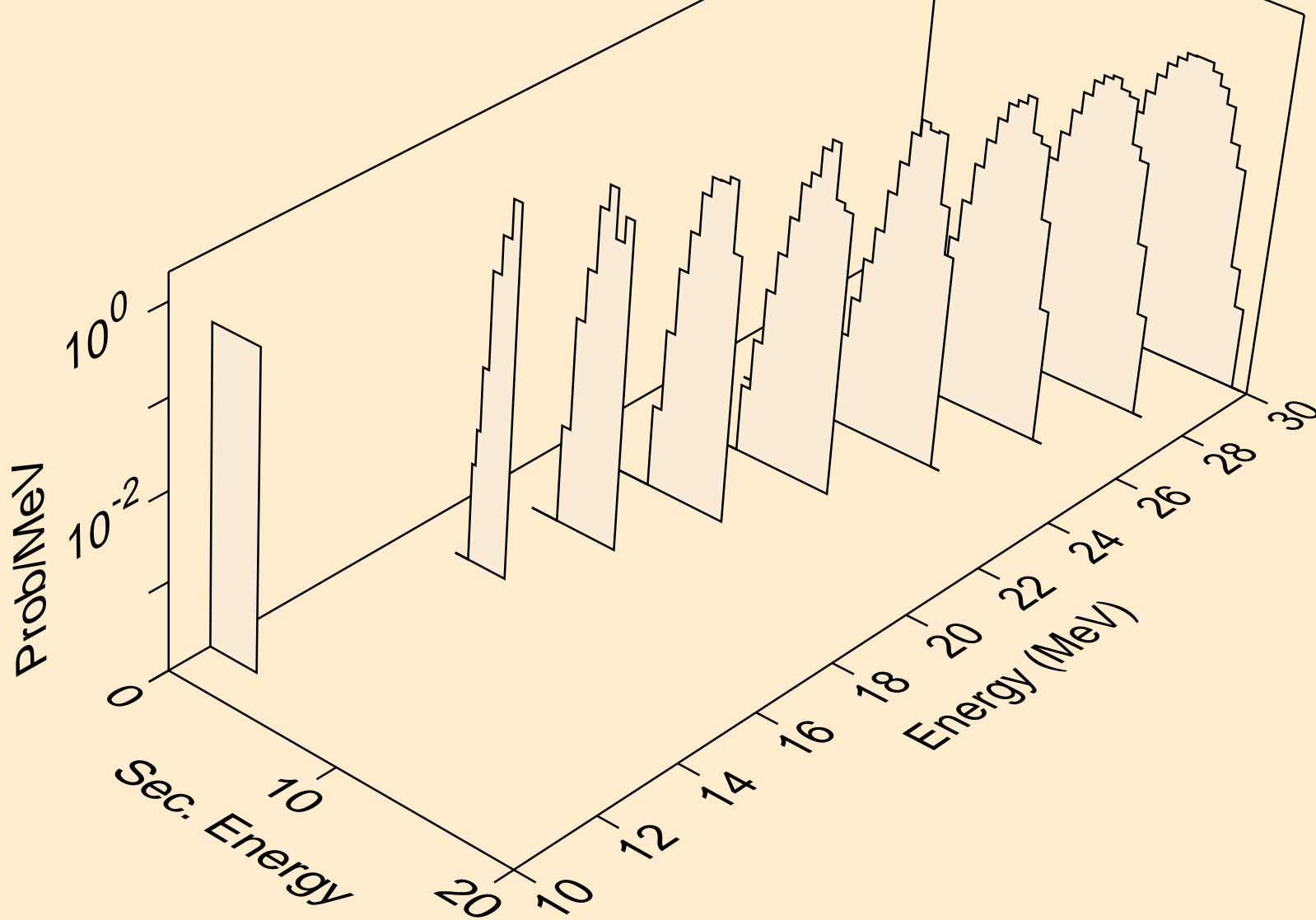
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



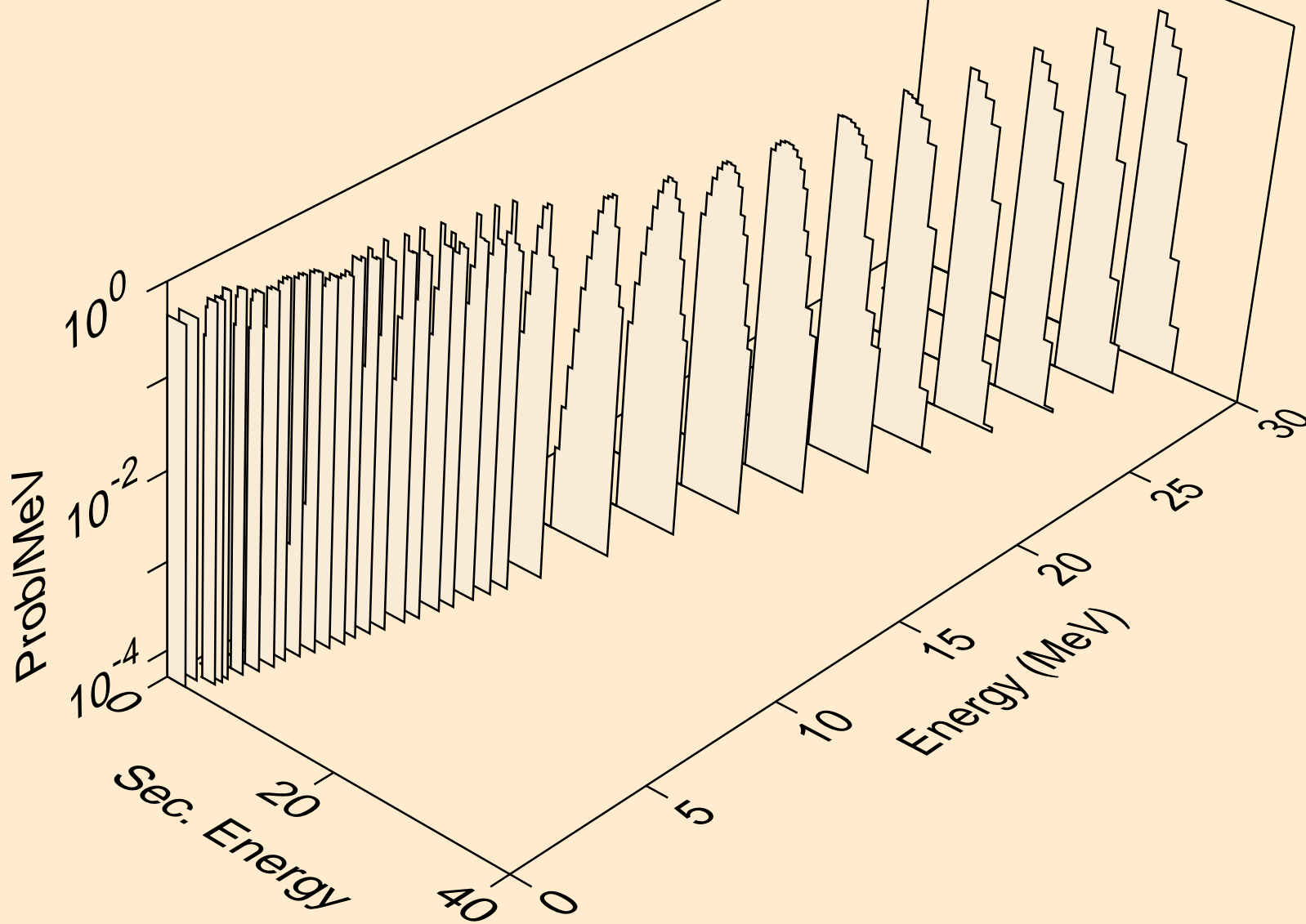
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



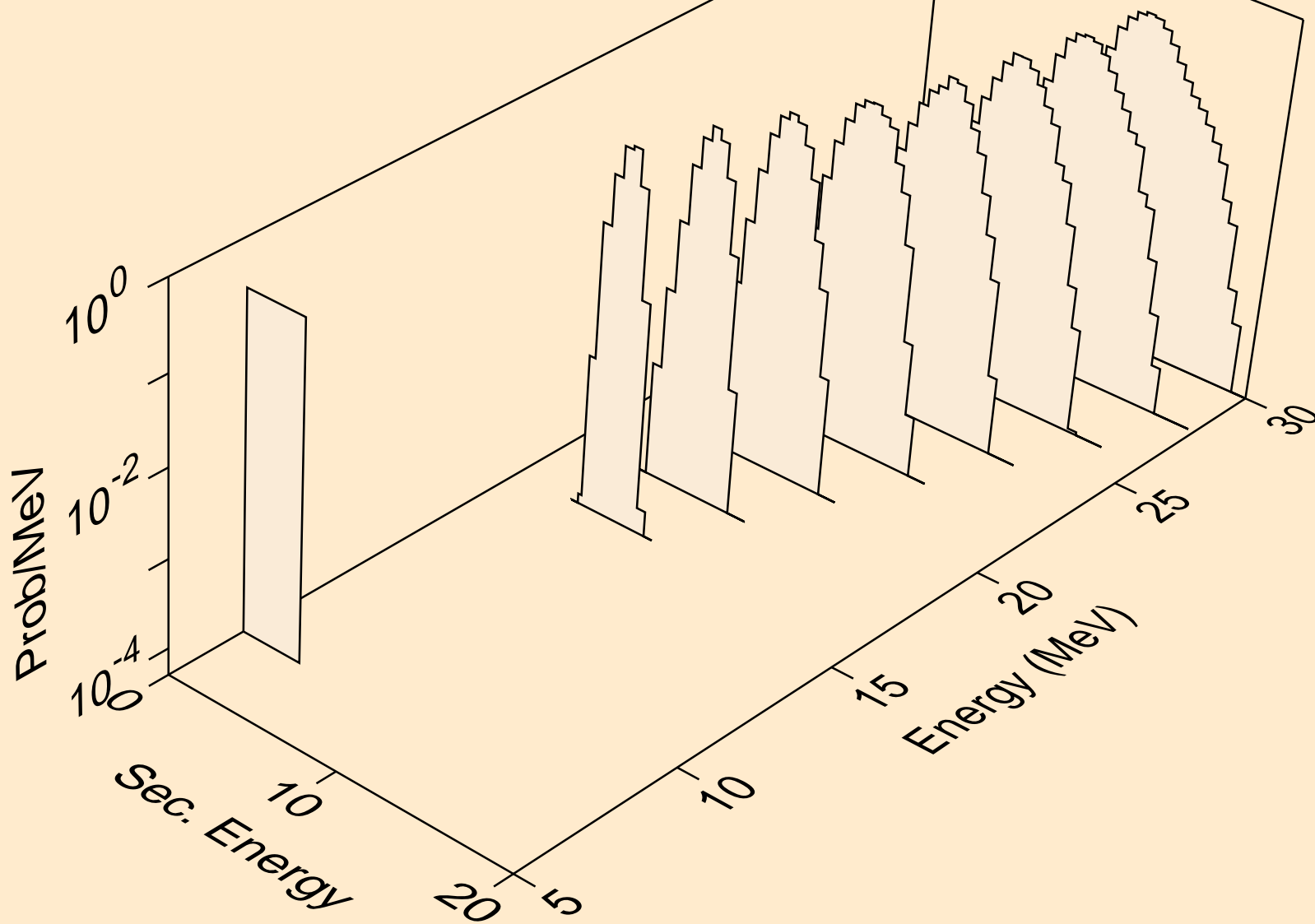
I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



I138 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

