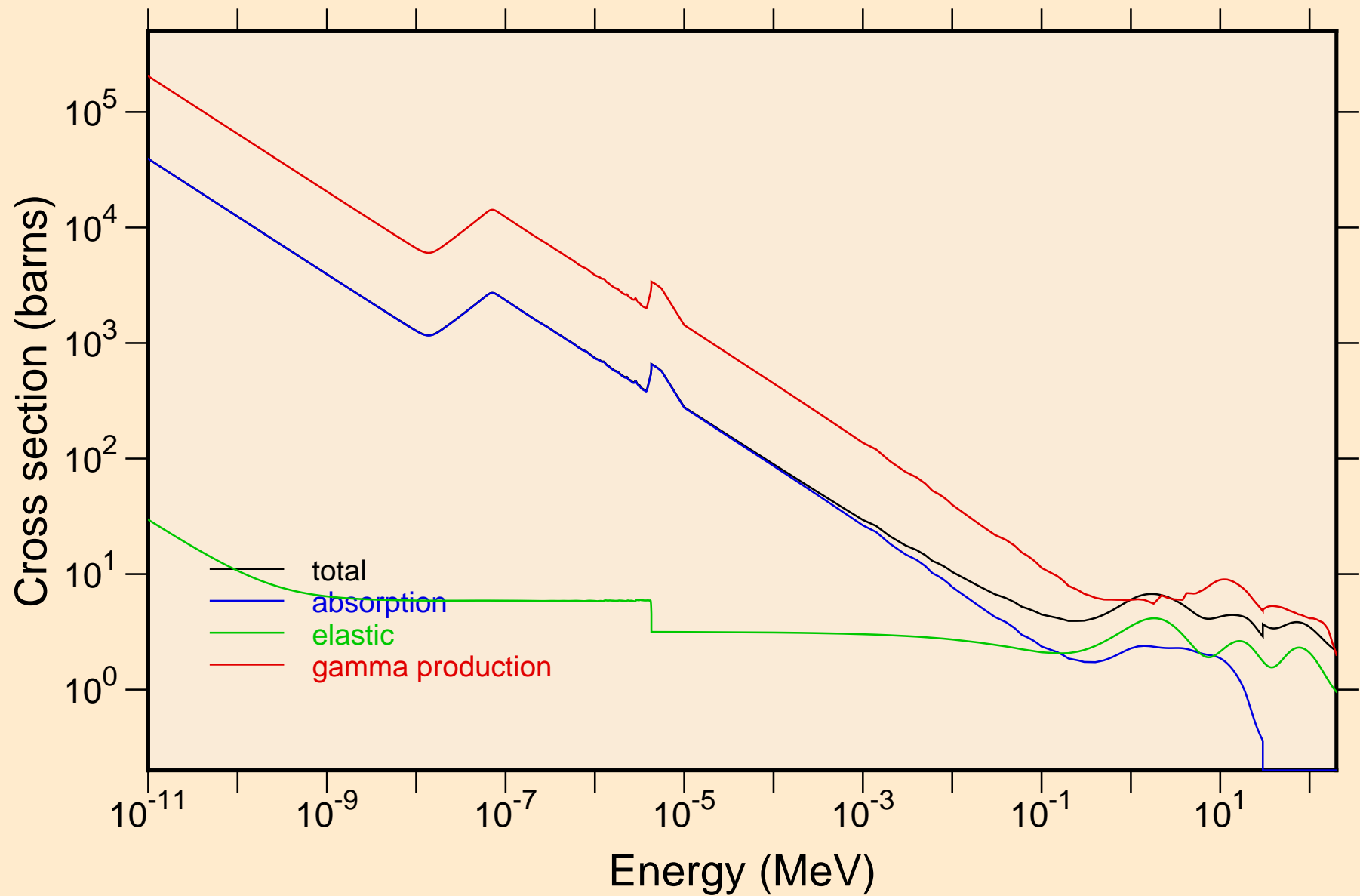
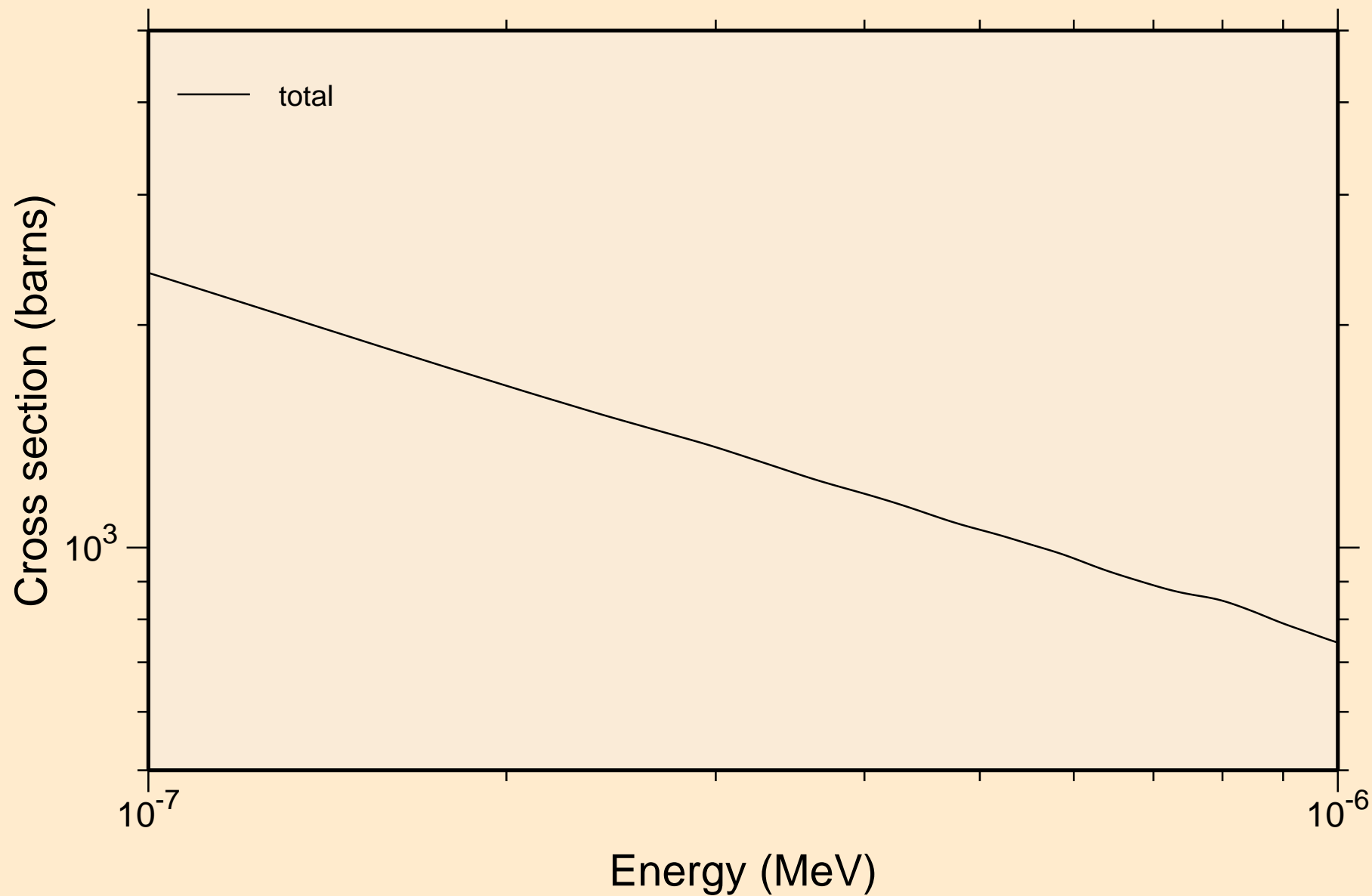


SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

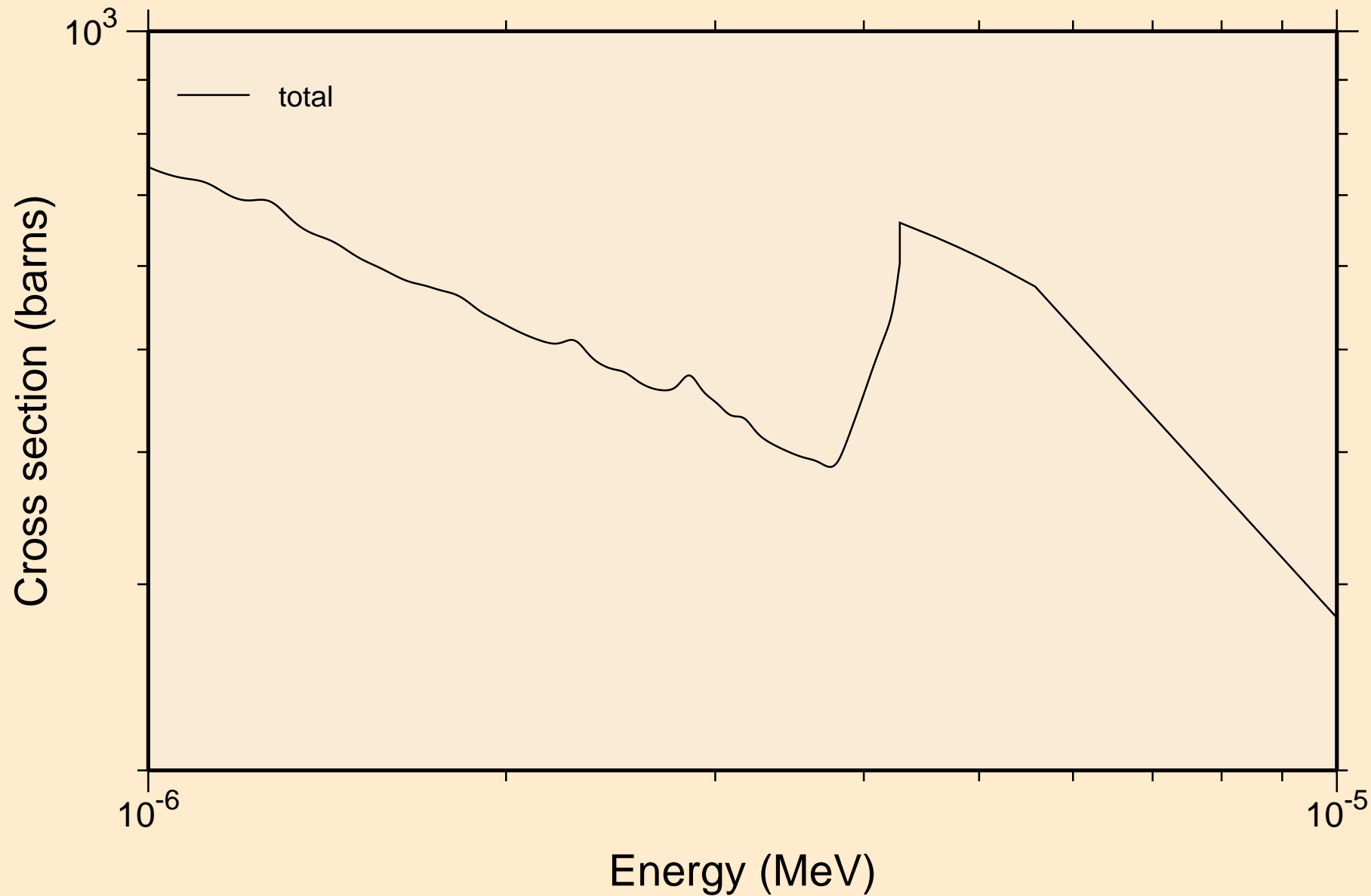
Principal cross sections



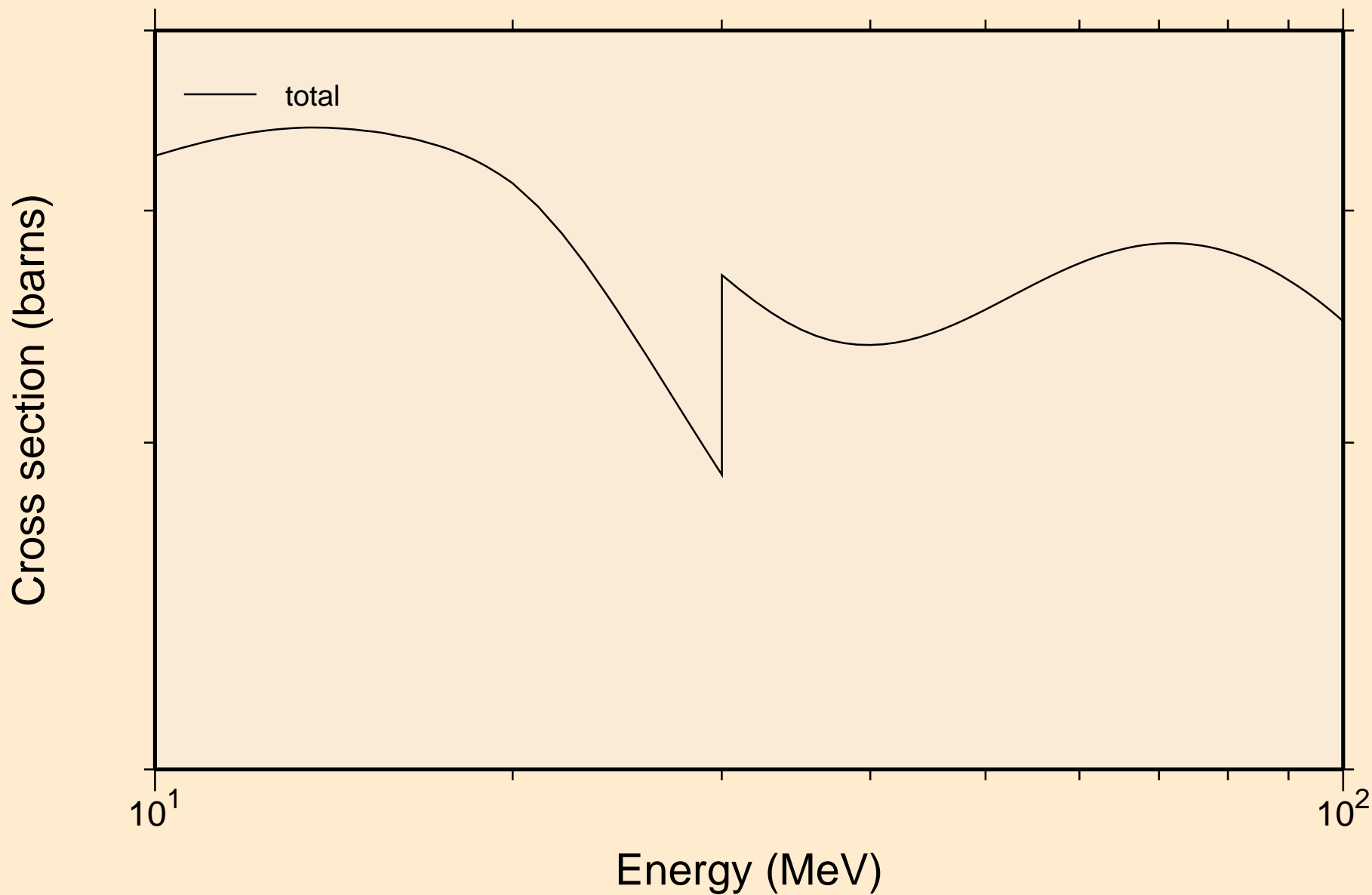
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



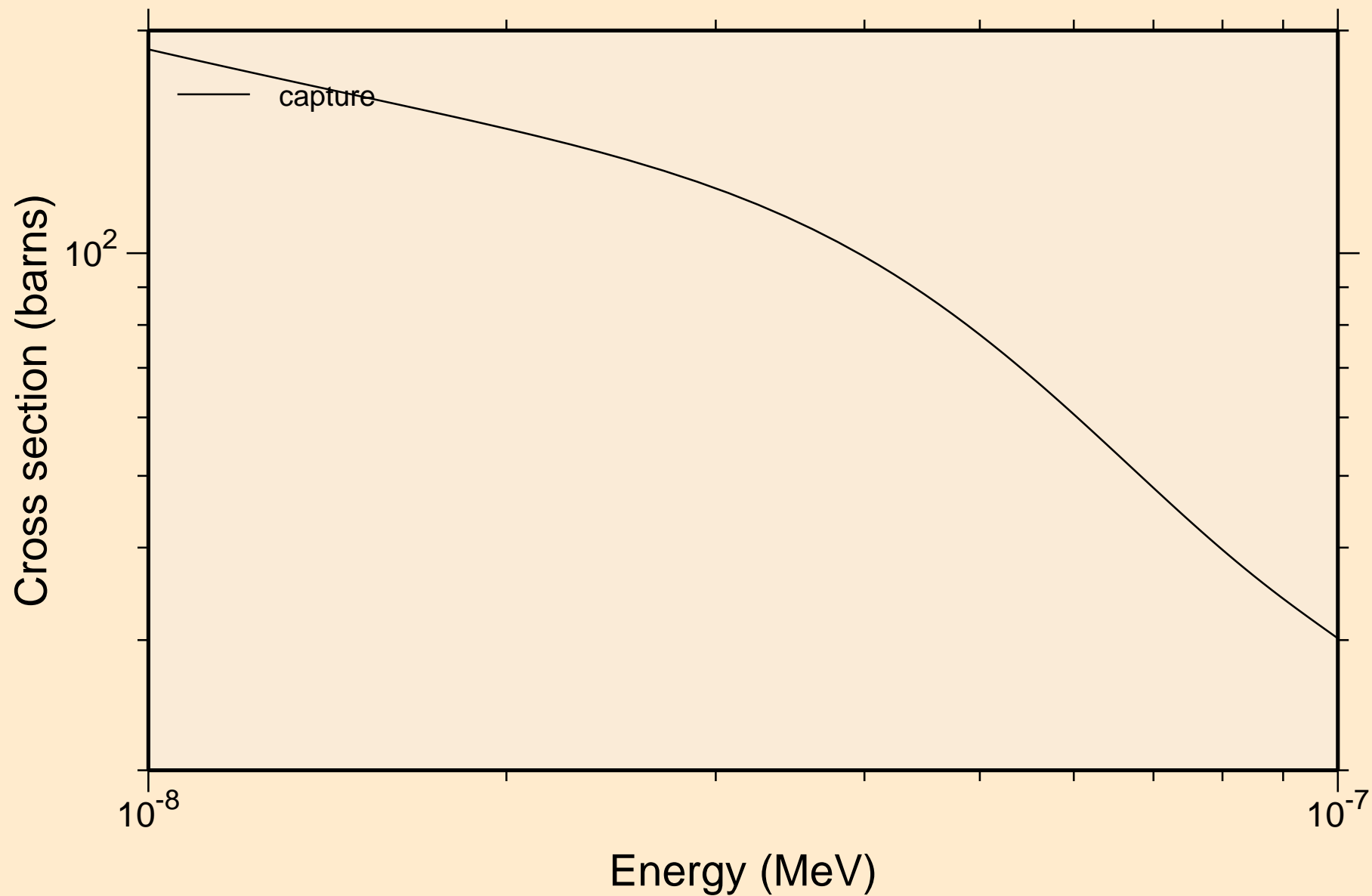
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



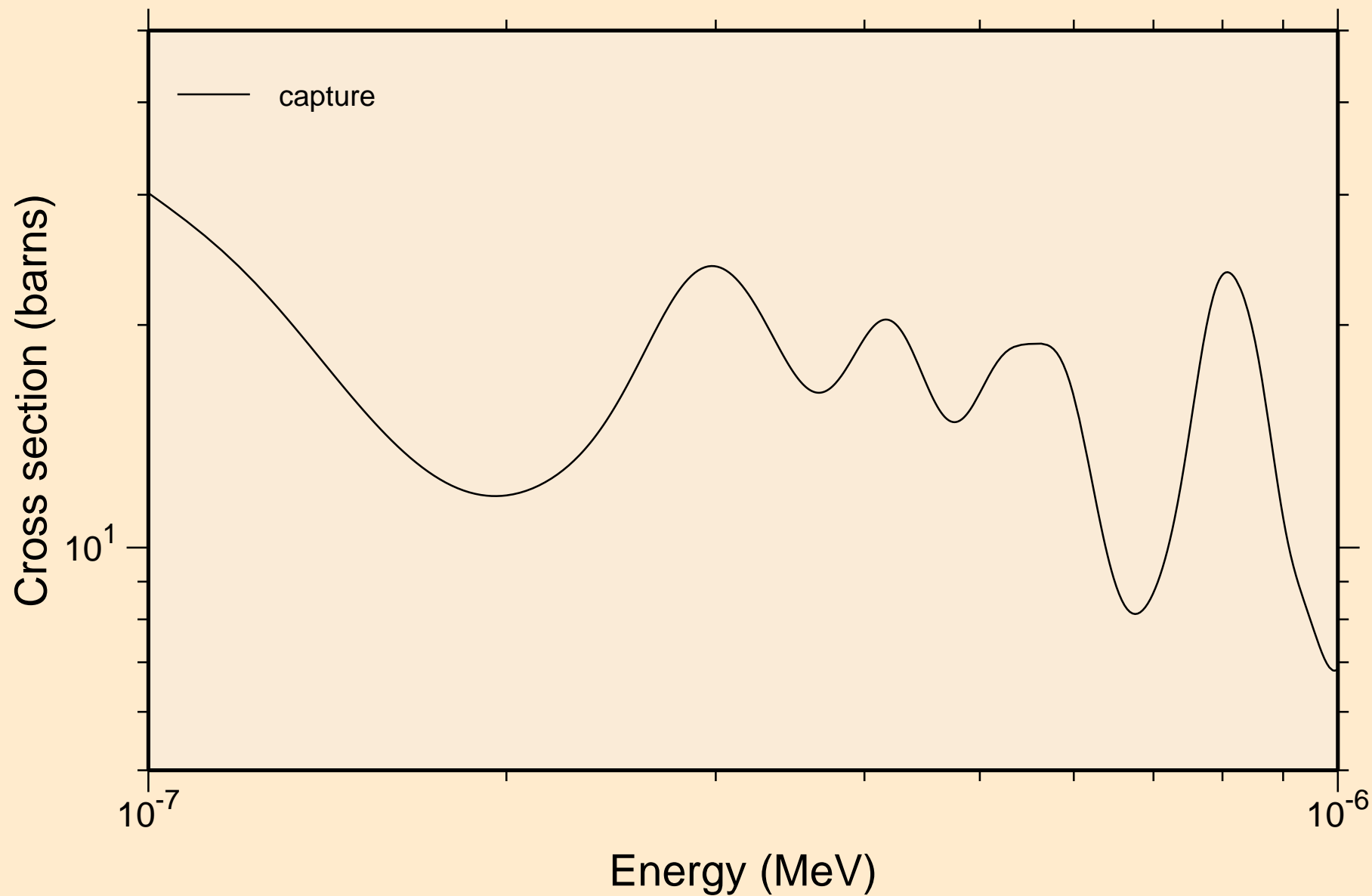
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



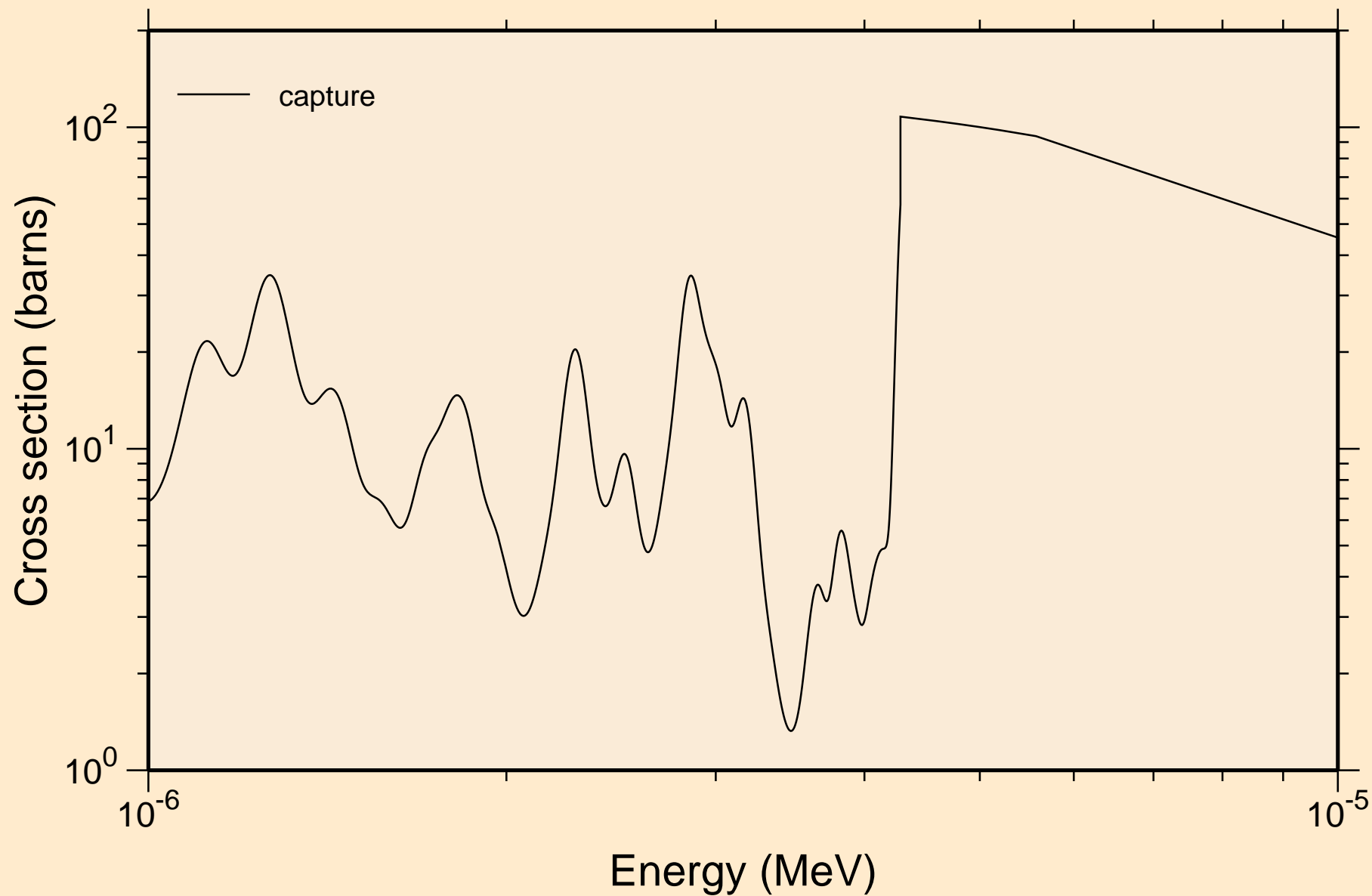
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



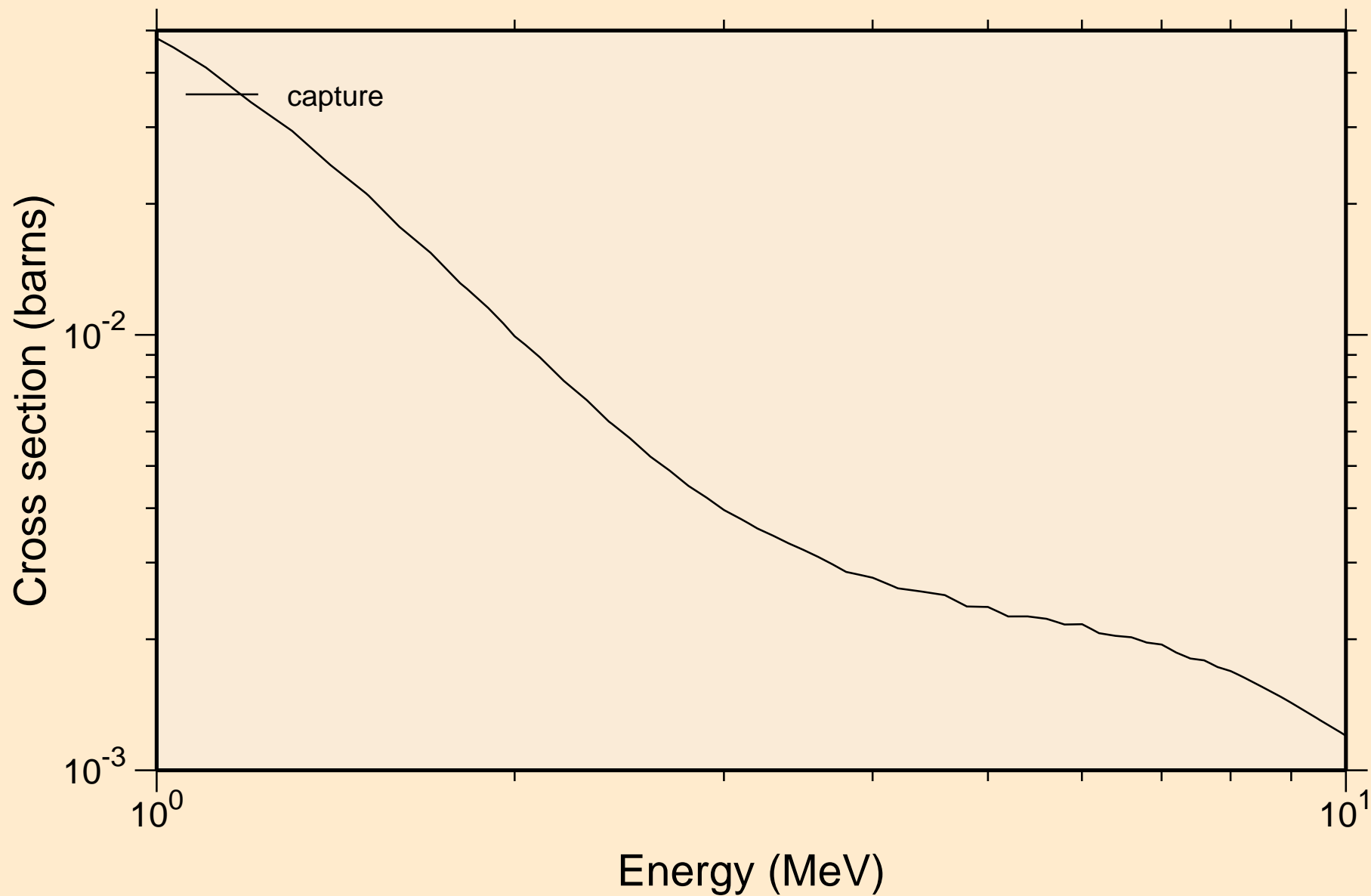
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



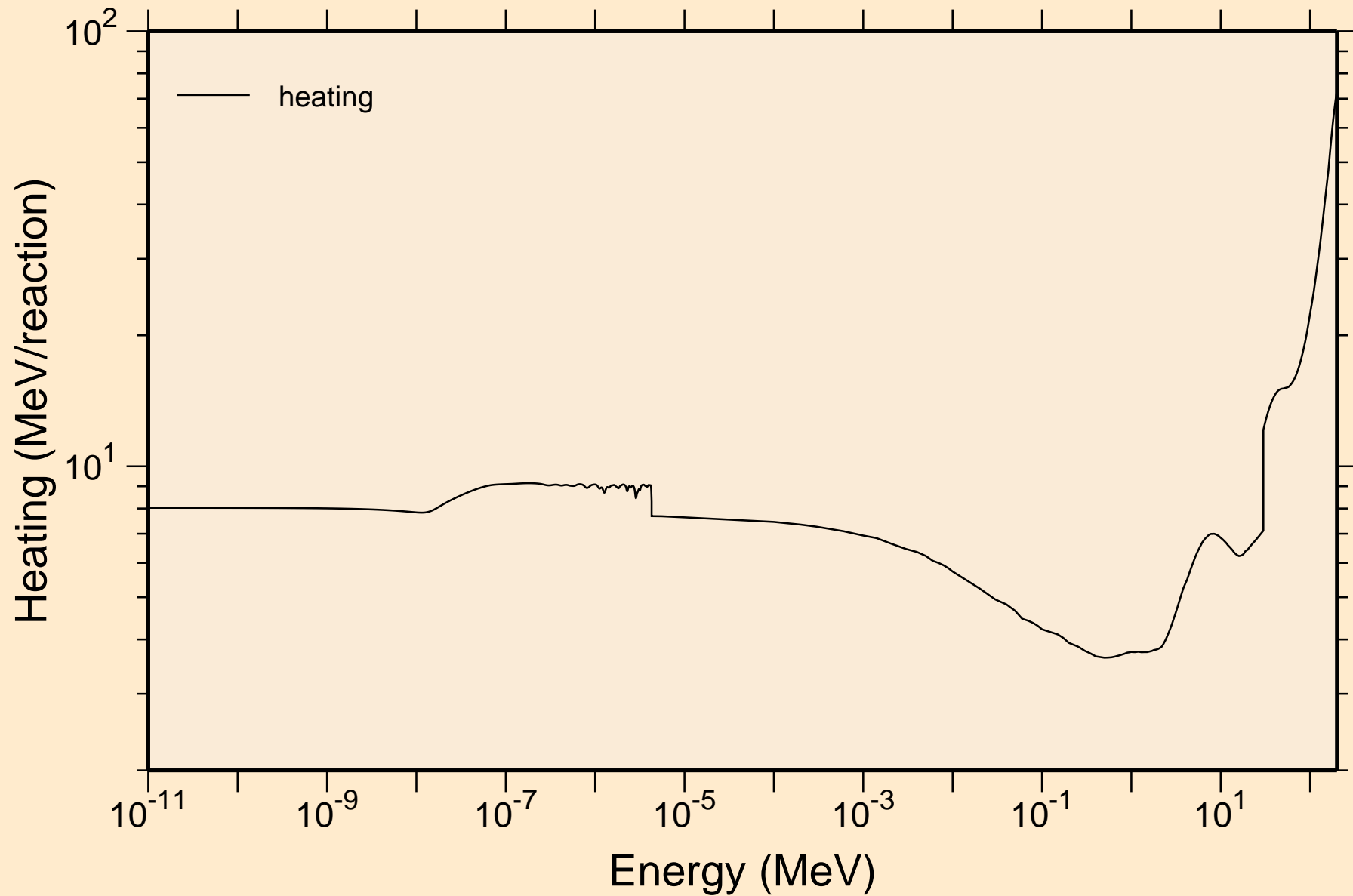
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



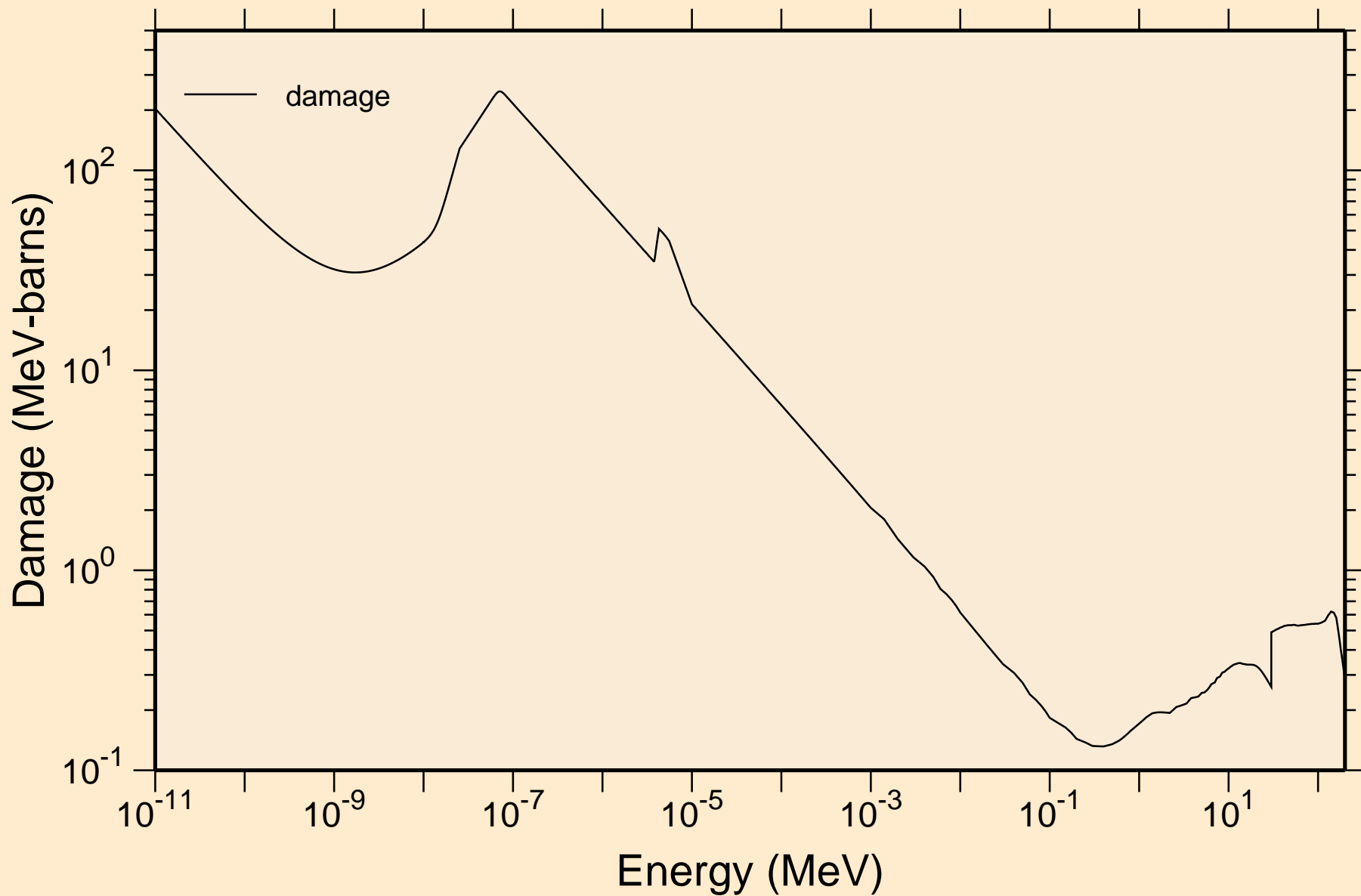
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



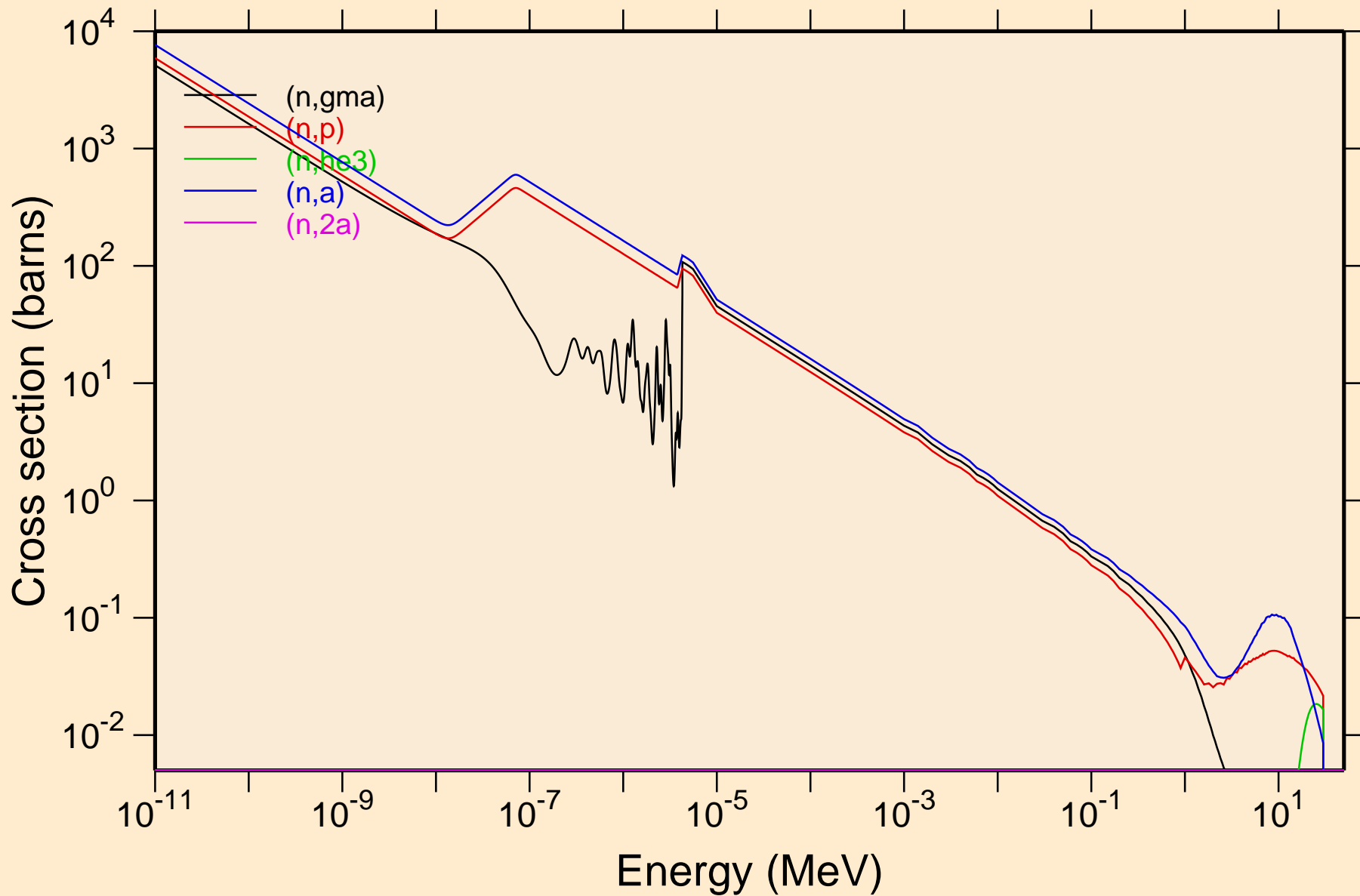
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



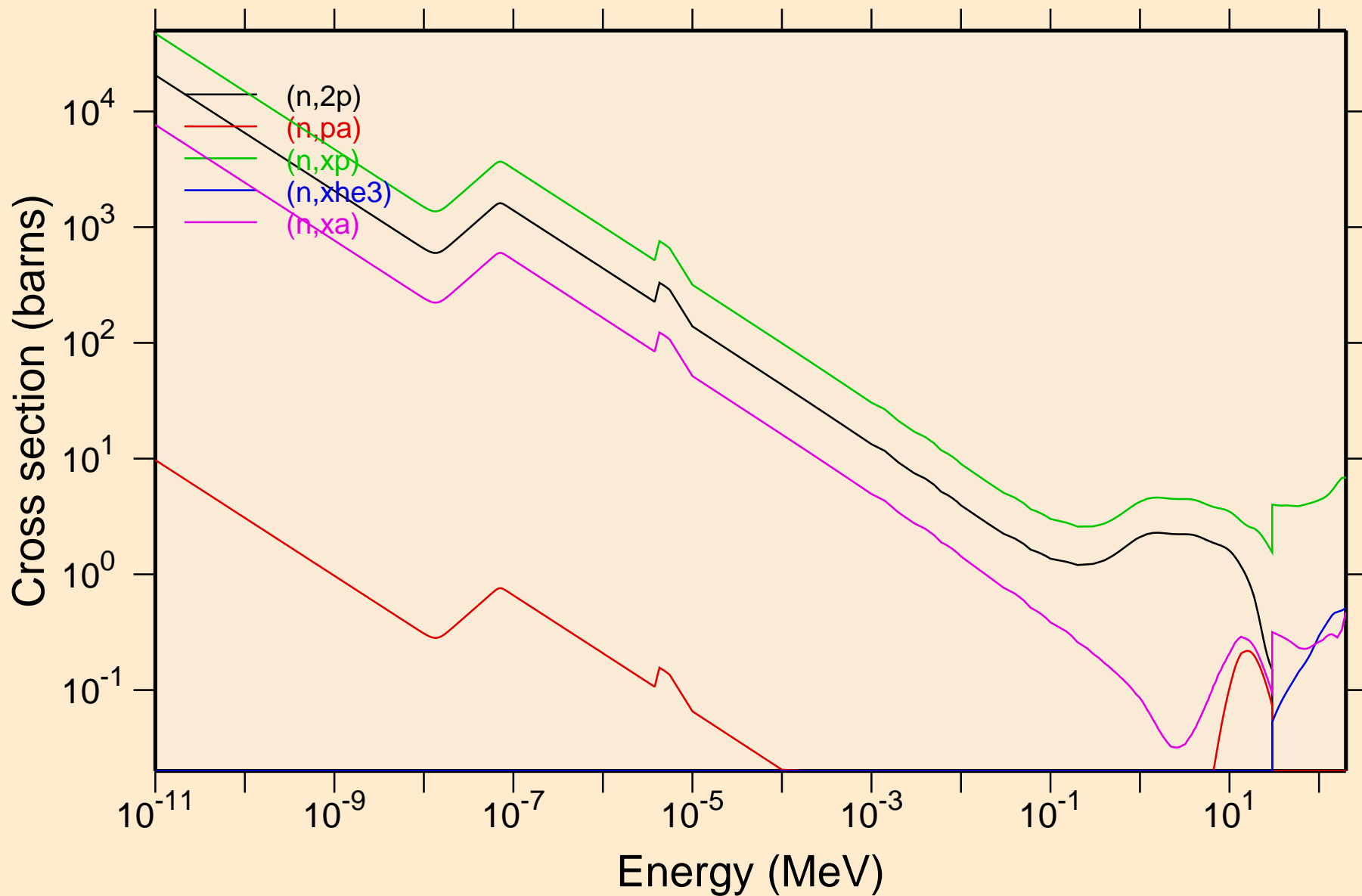
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



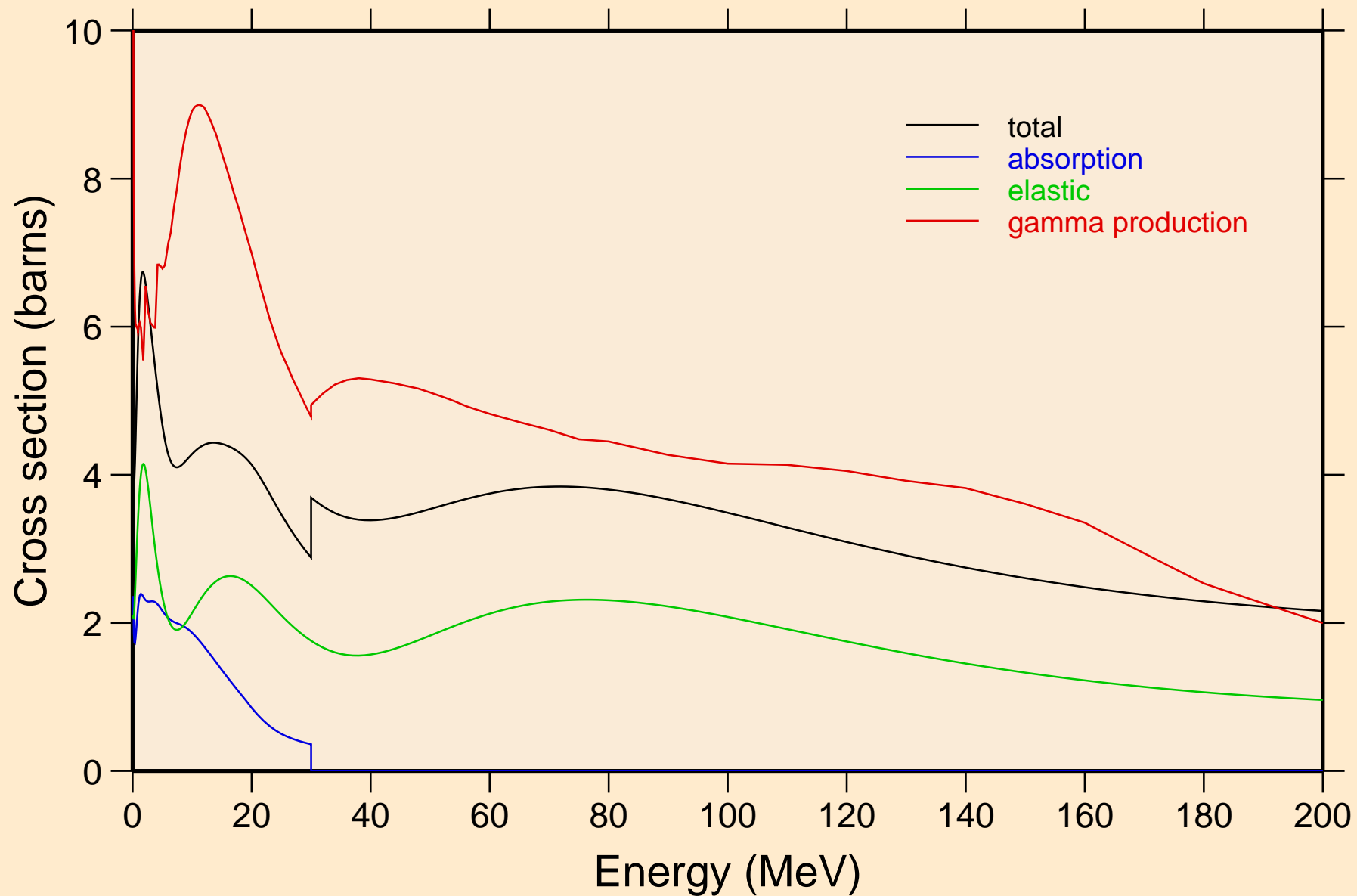
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



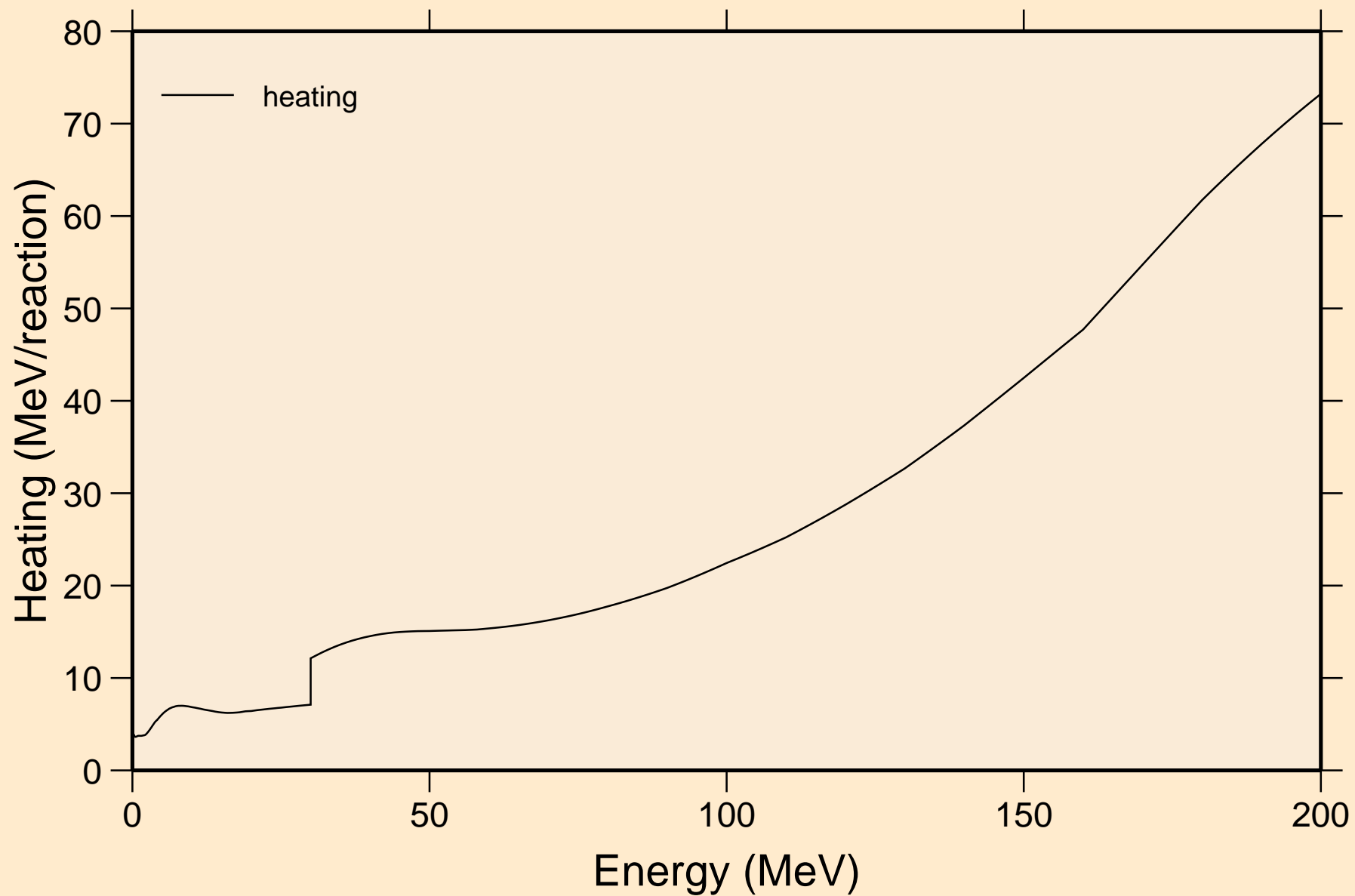
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



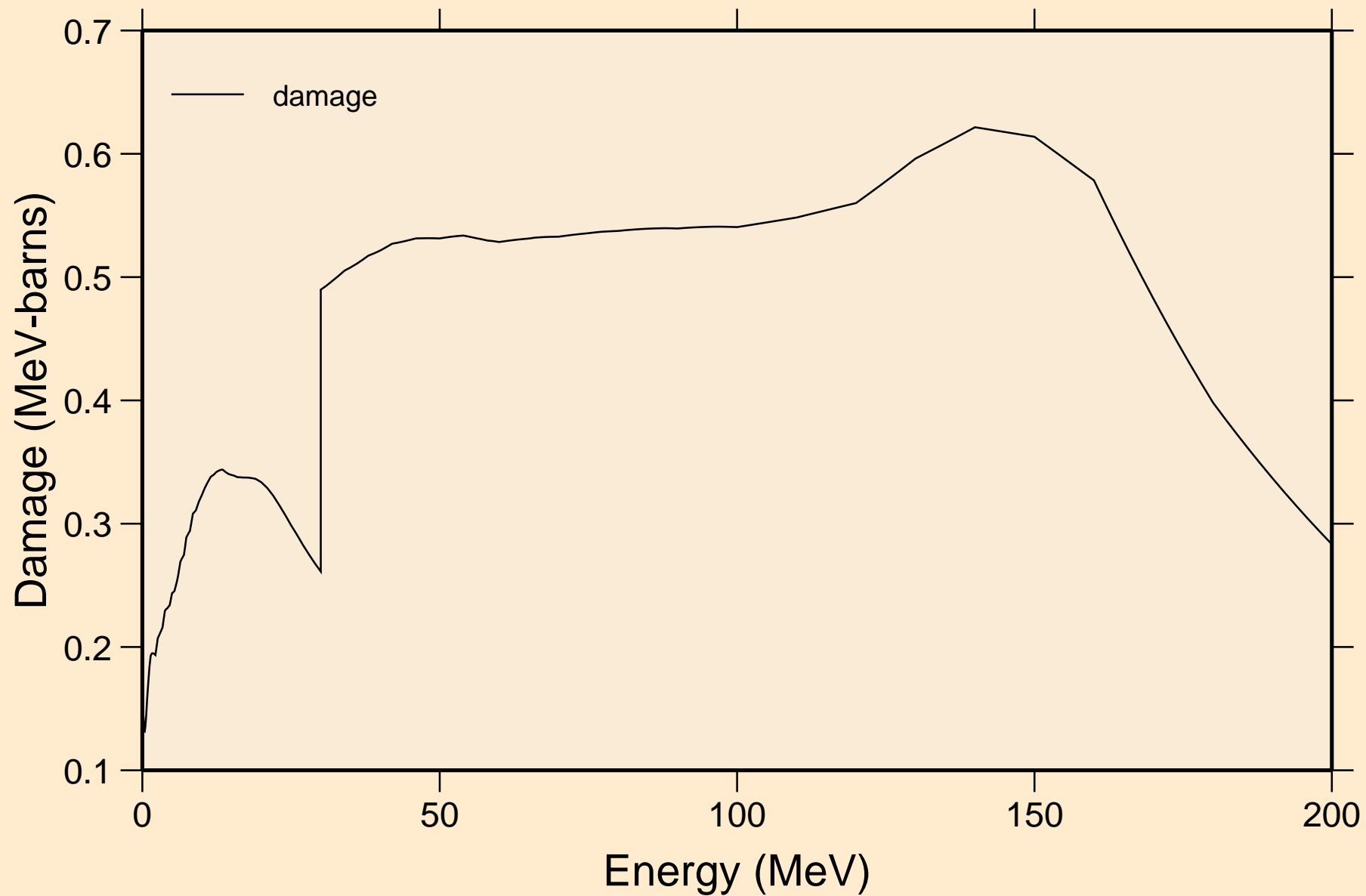
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



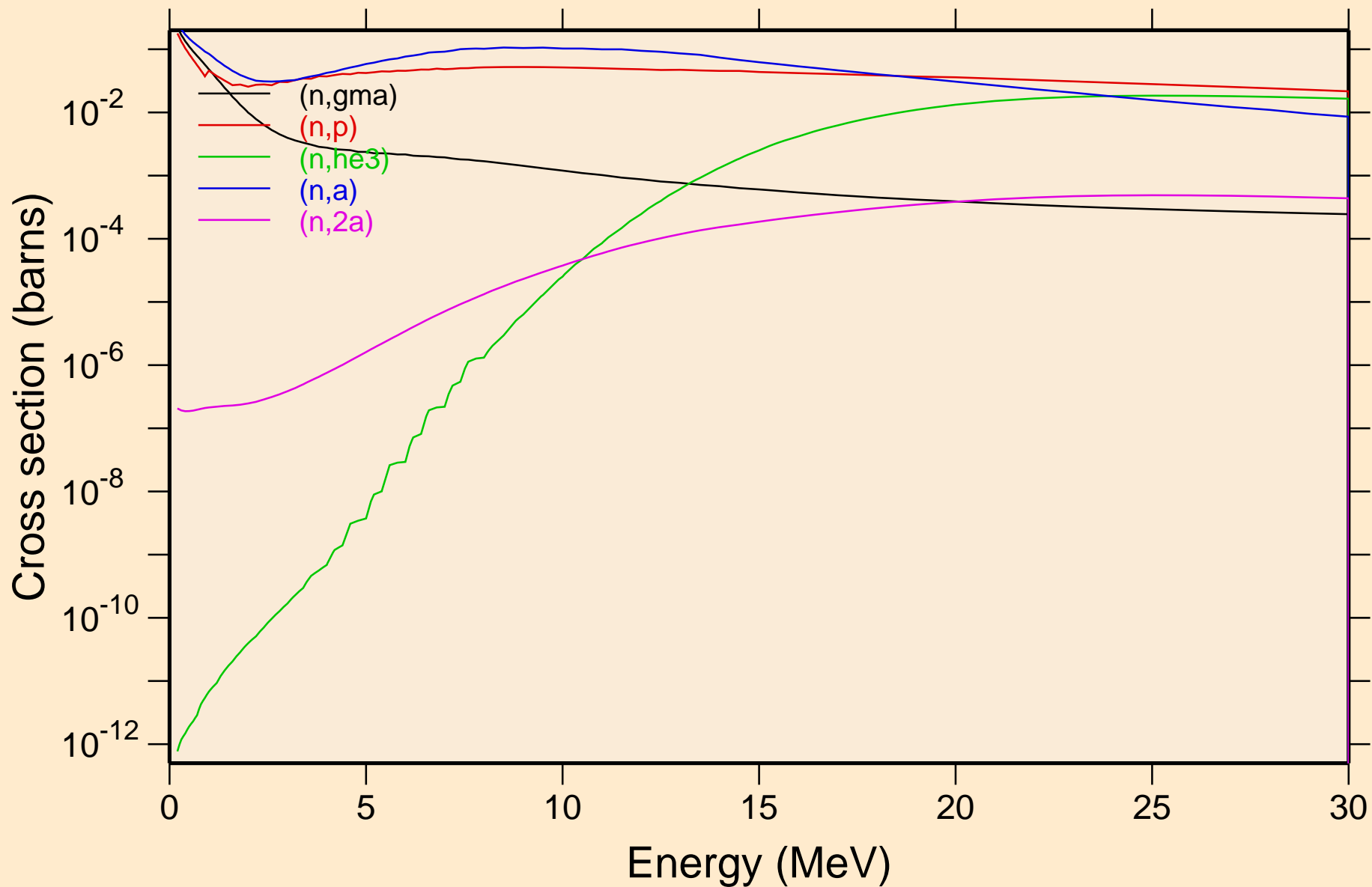
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



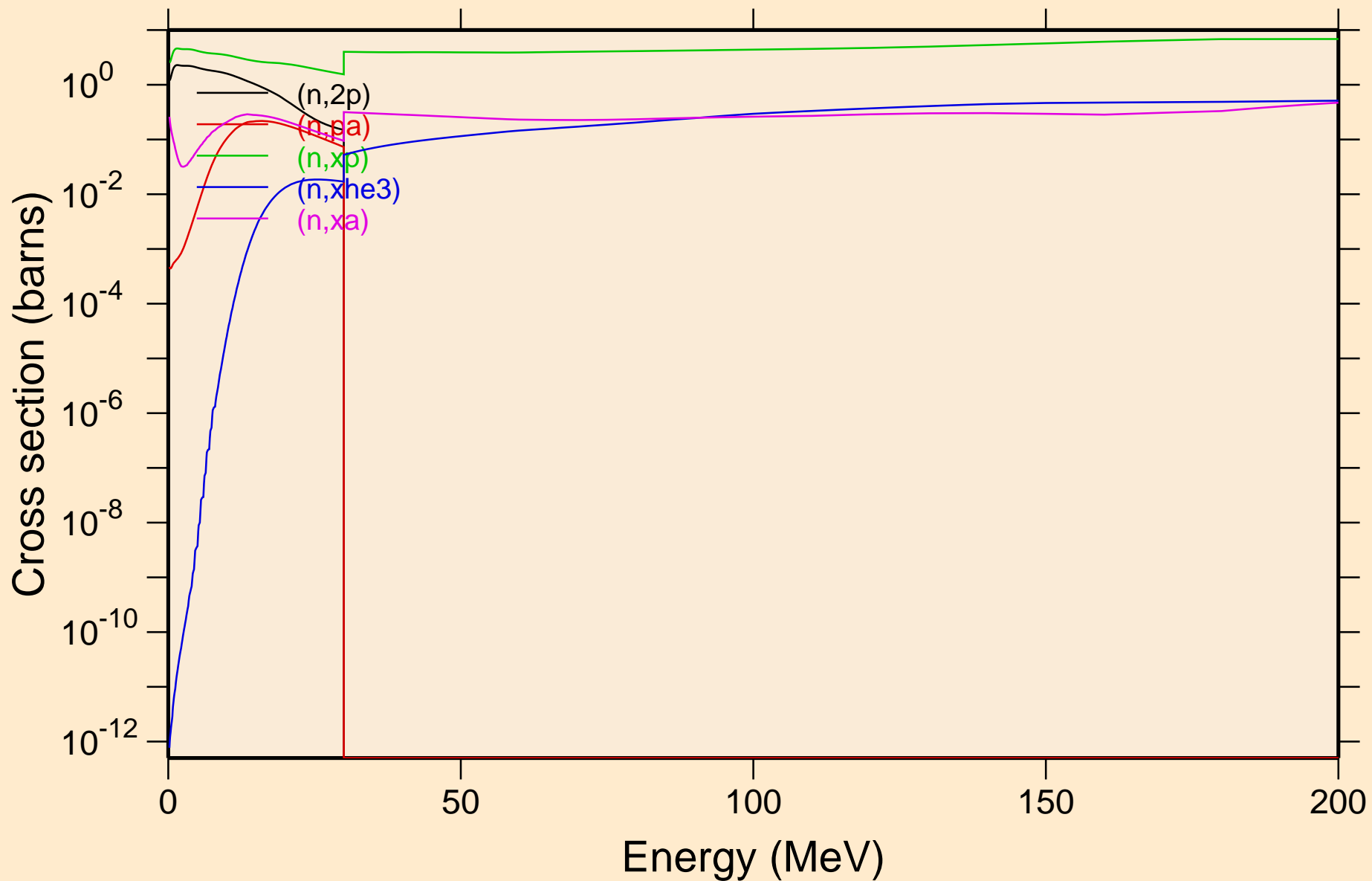
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



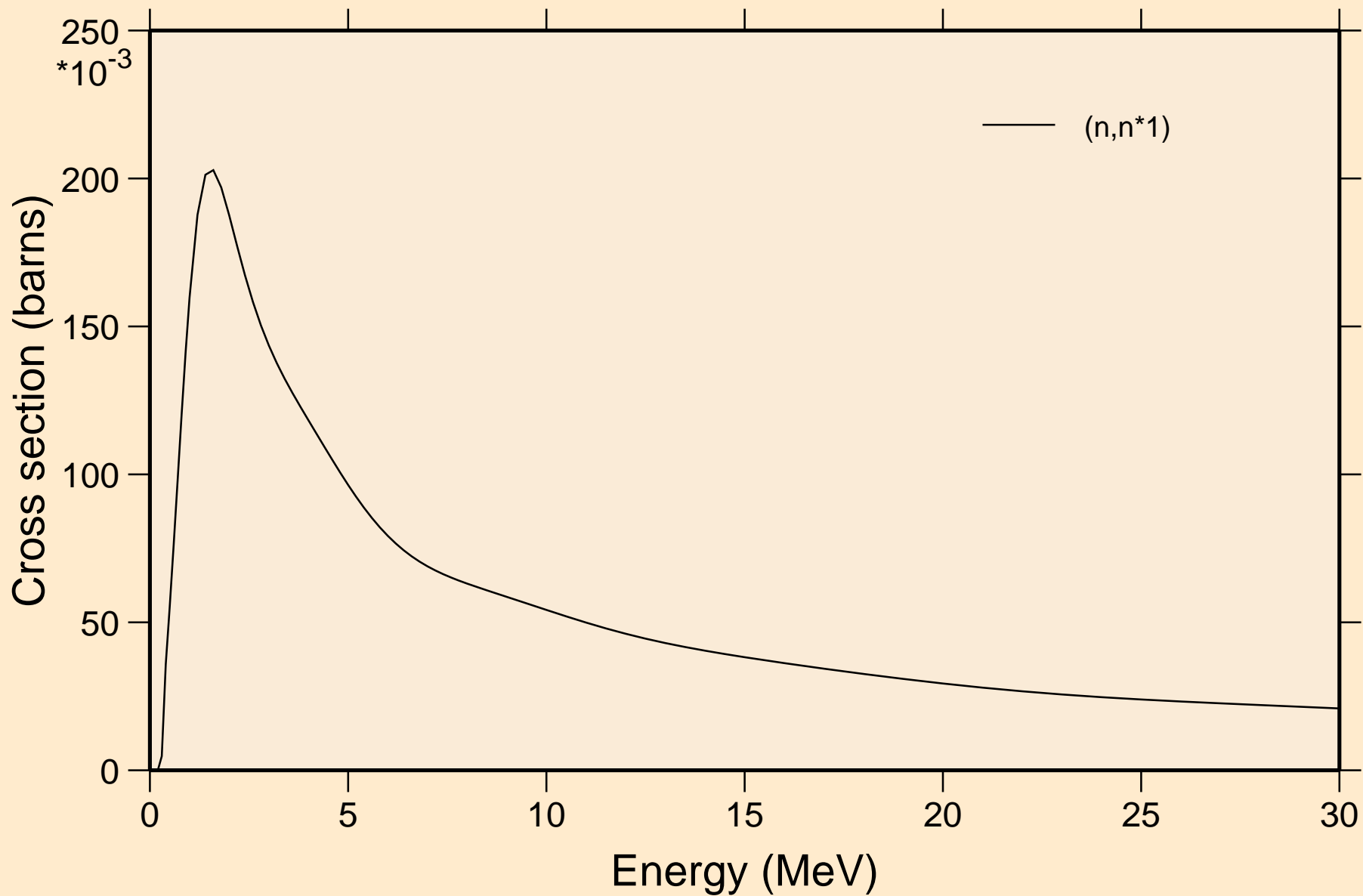
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

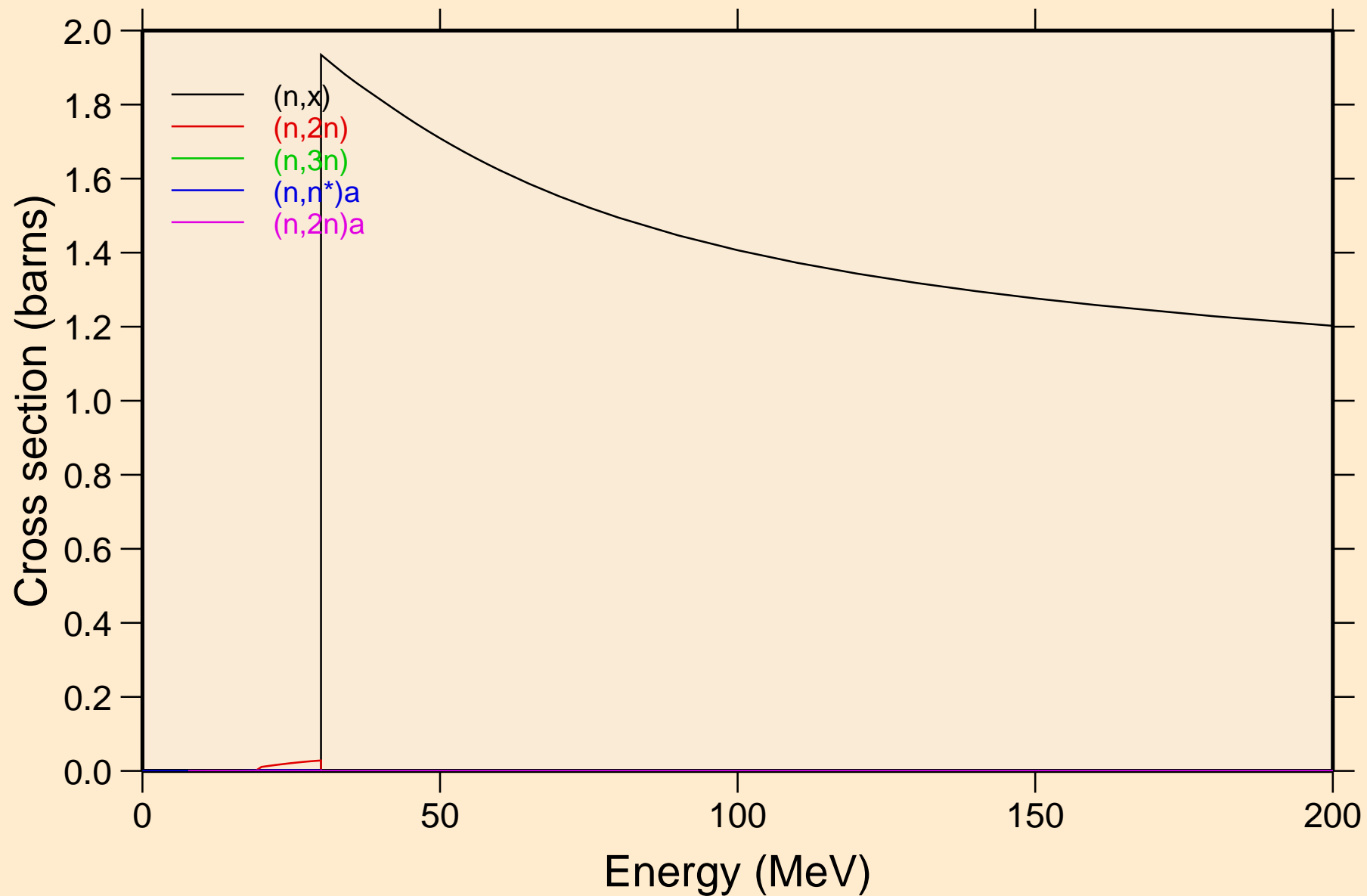


SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



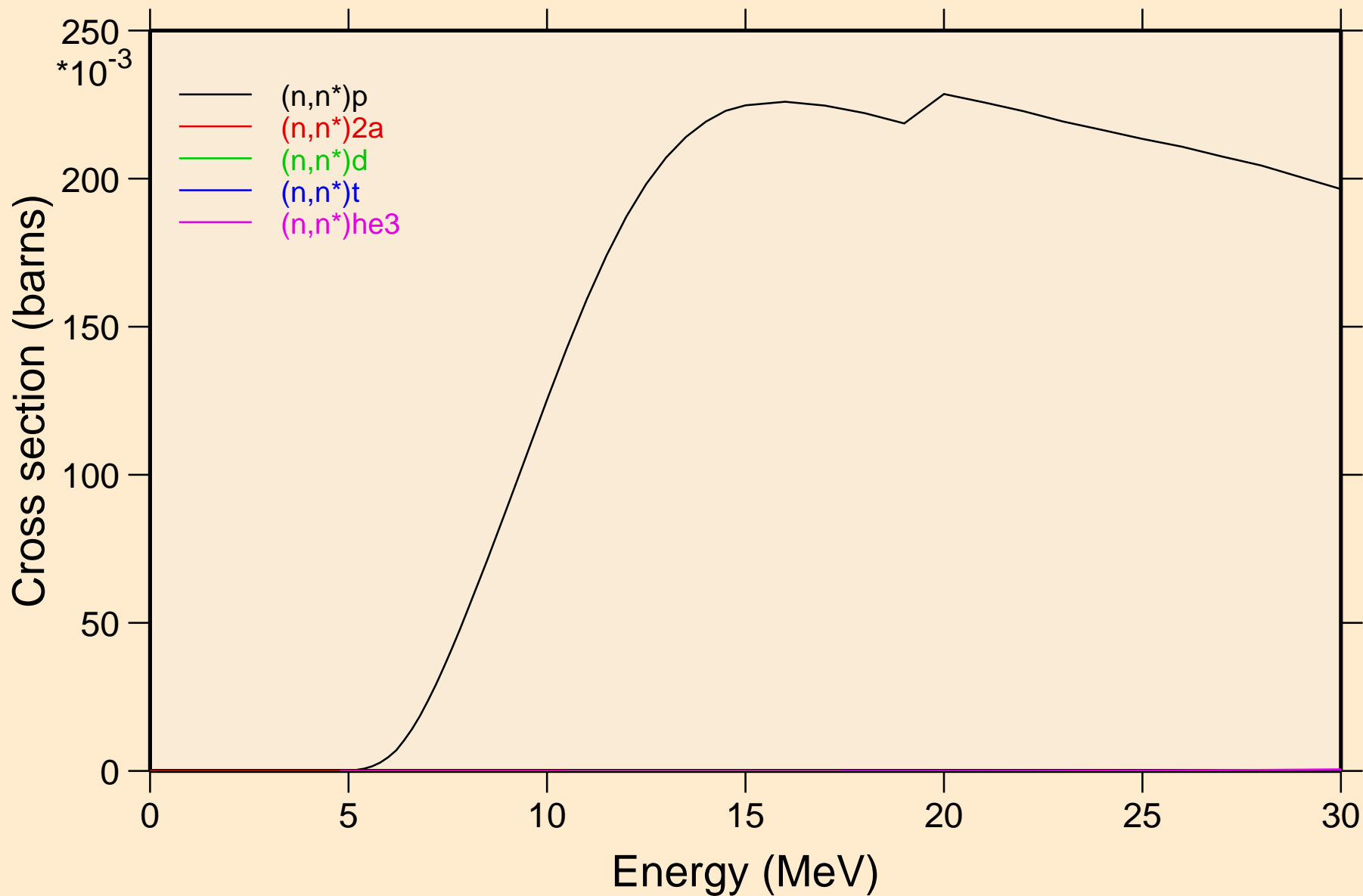
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions



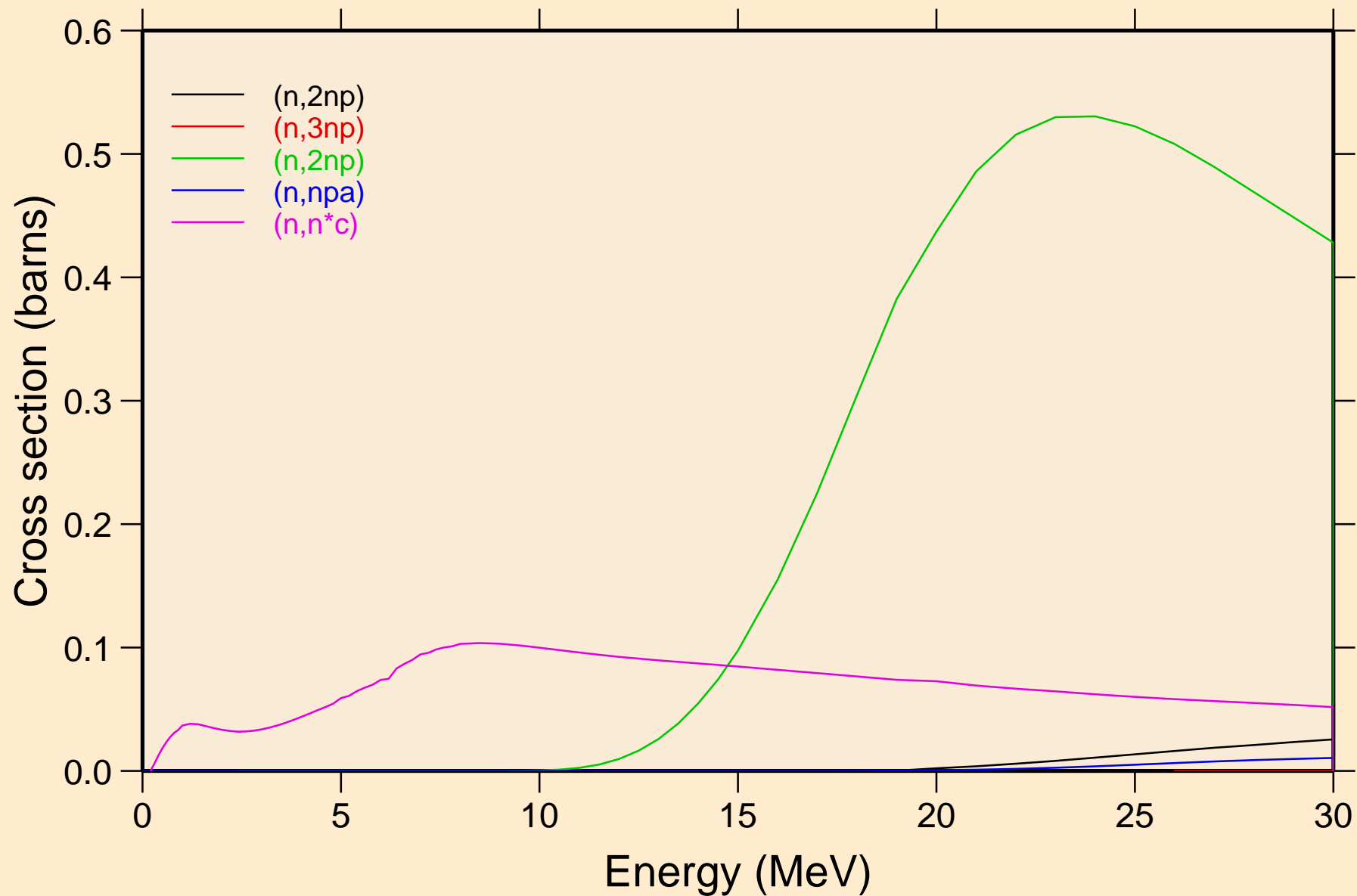
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

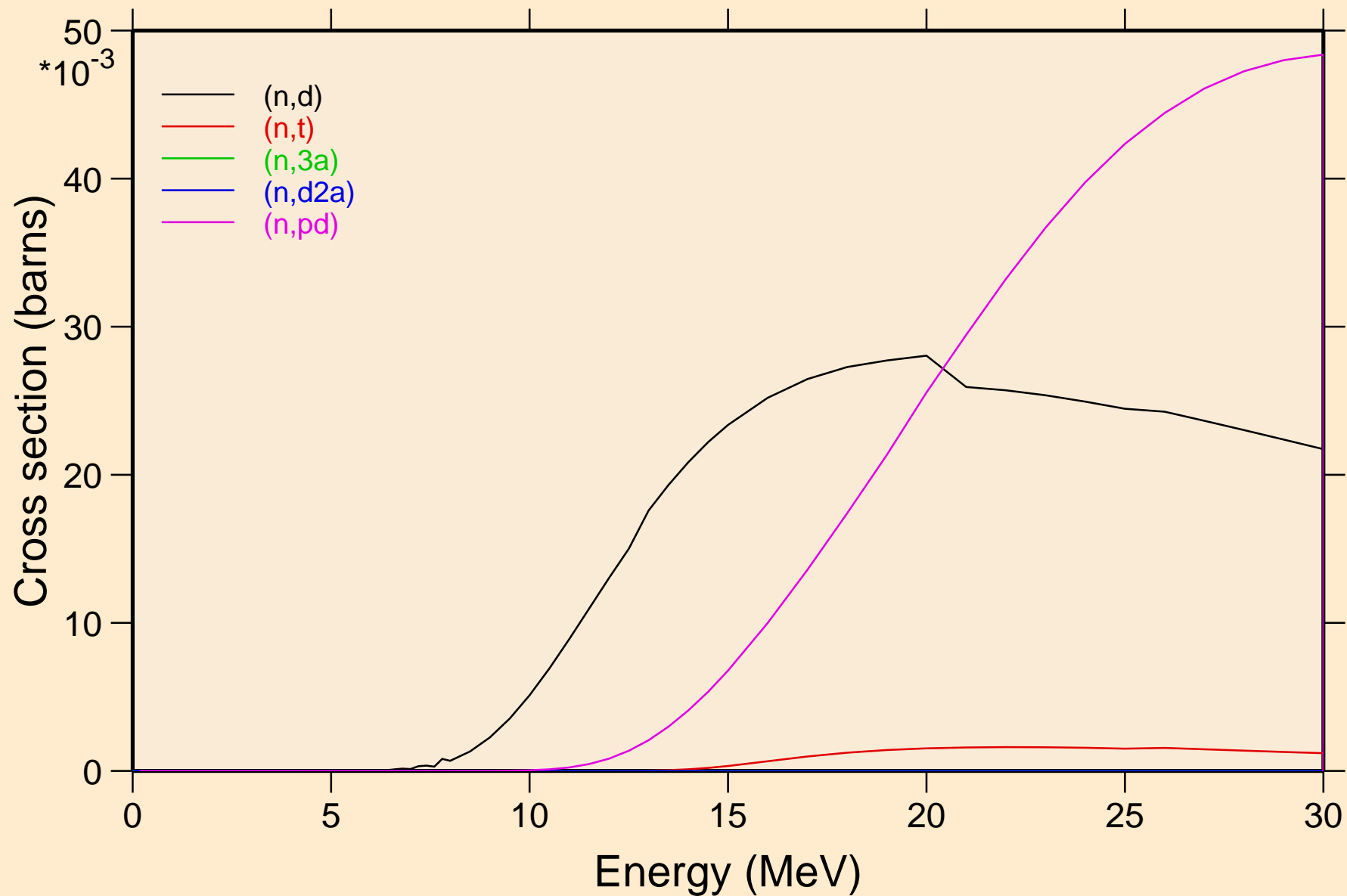


SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

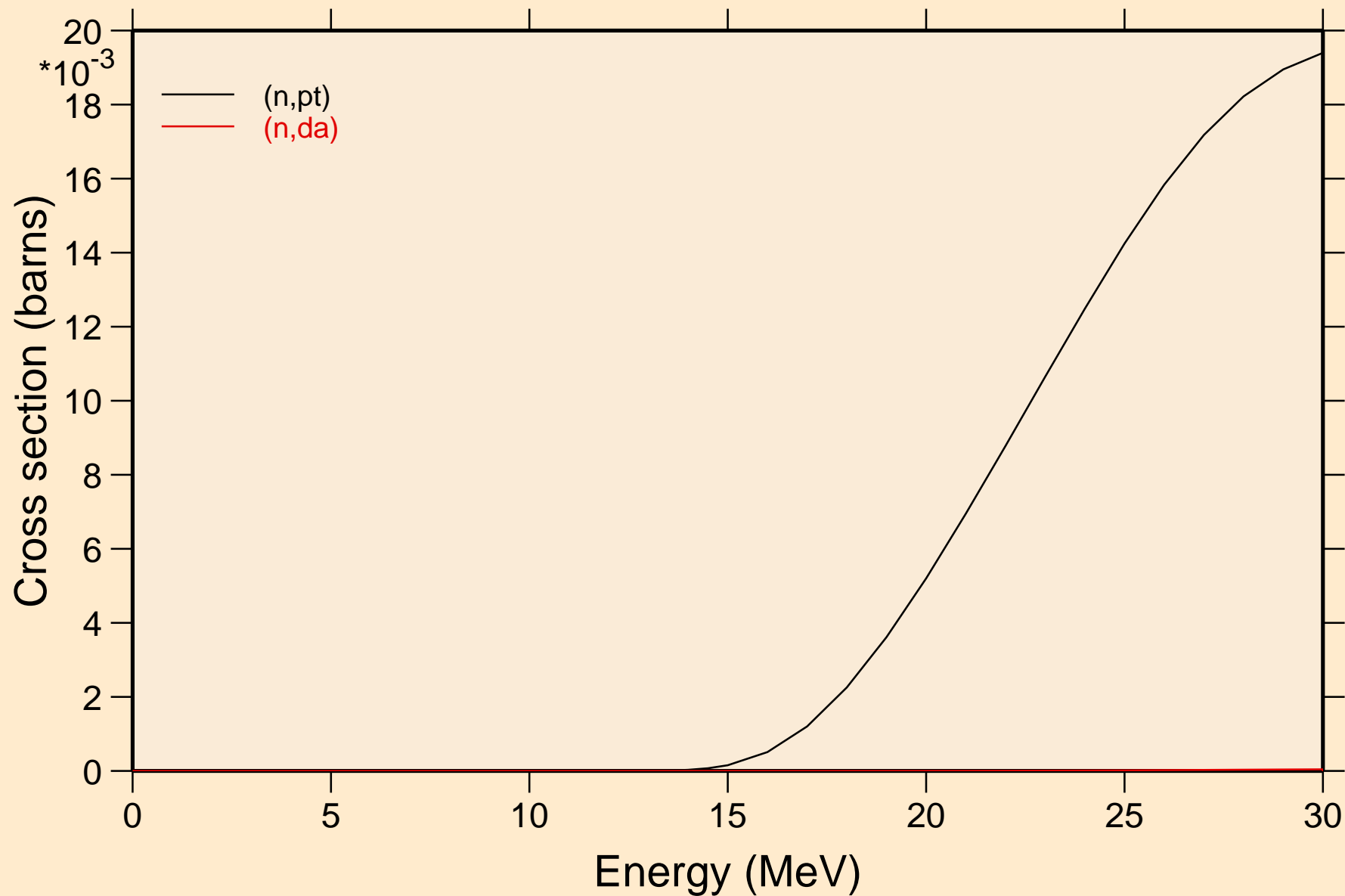
Threshold reactions



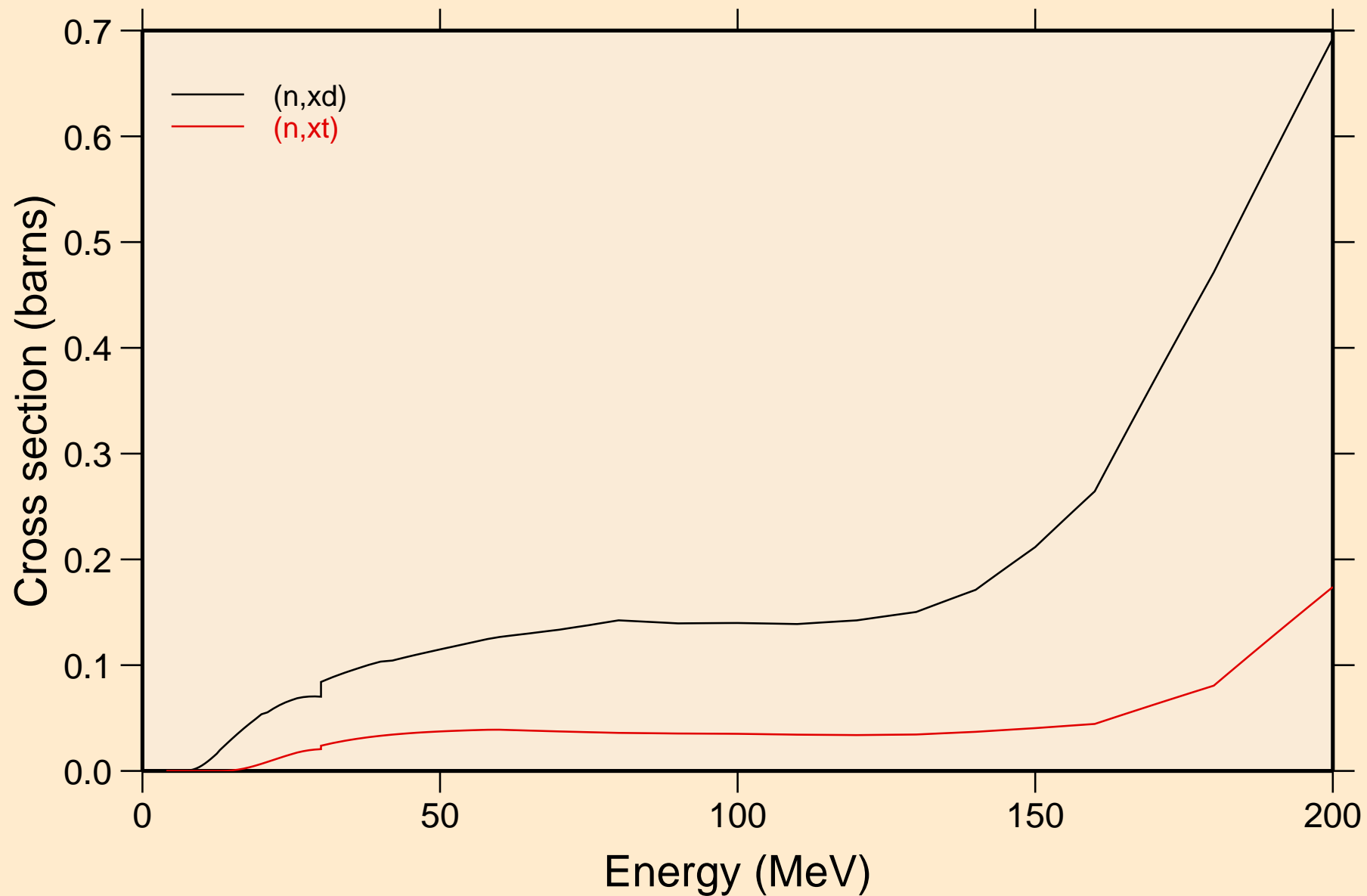
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



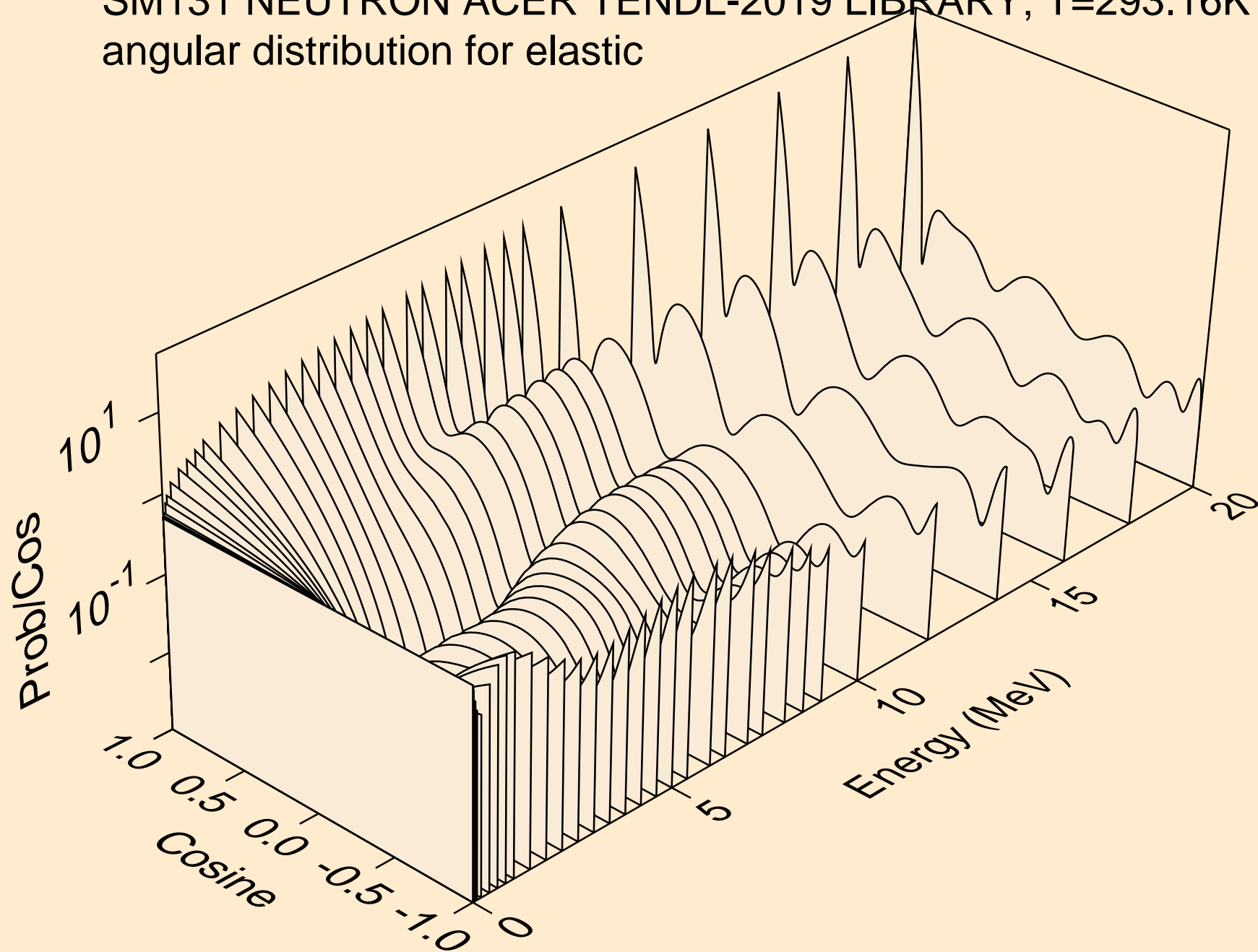
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



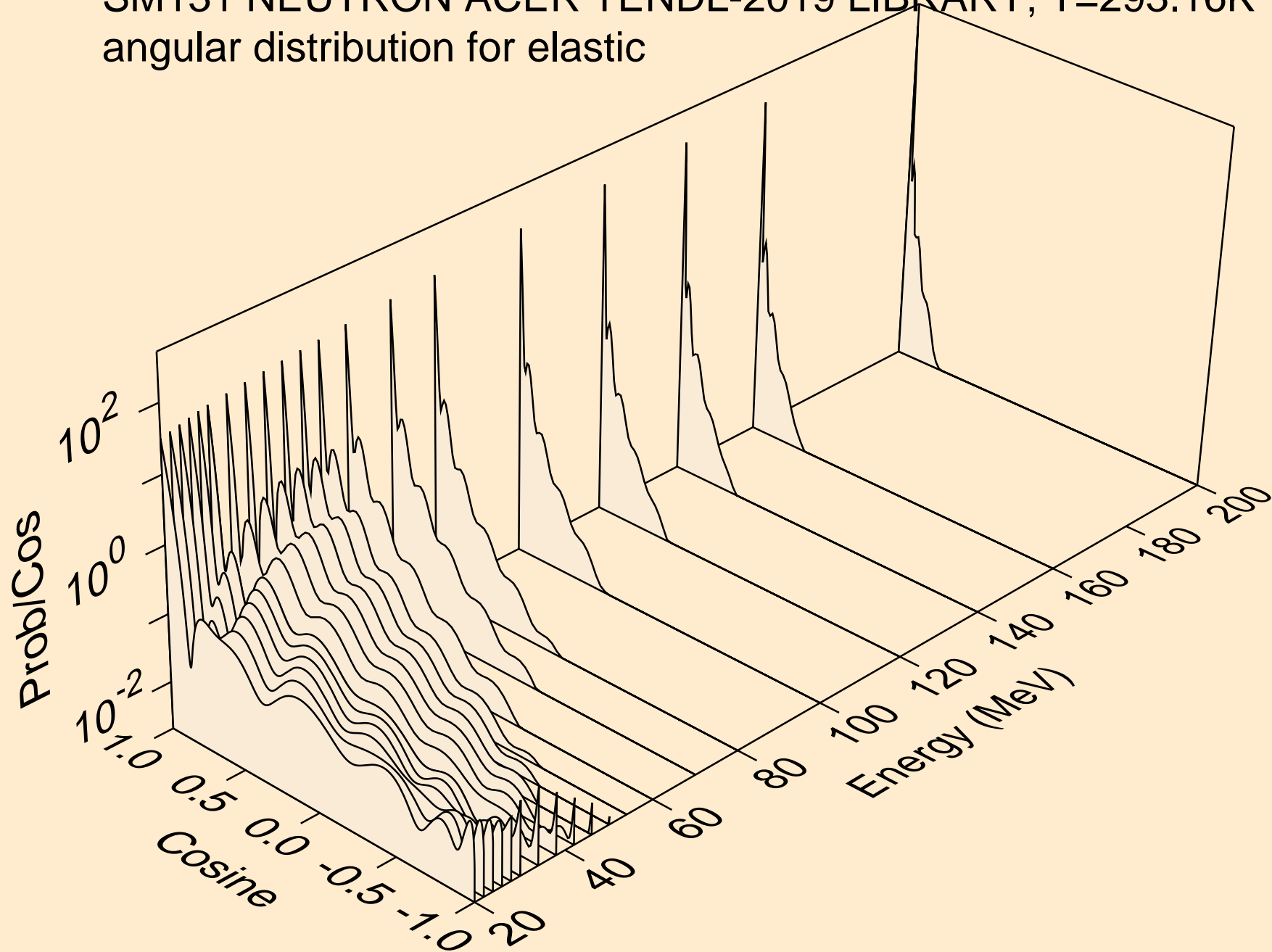
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



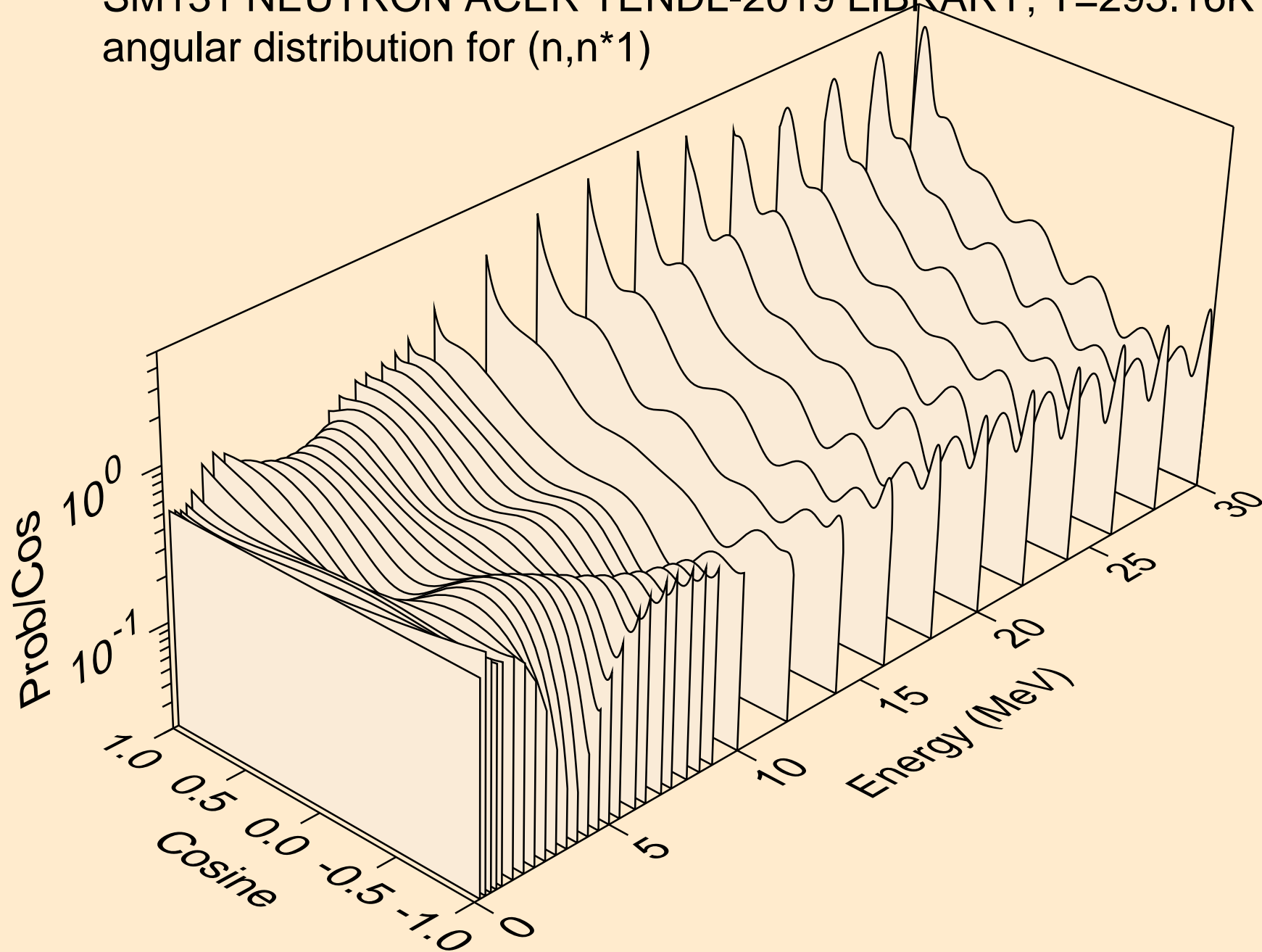
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



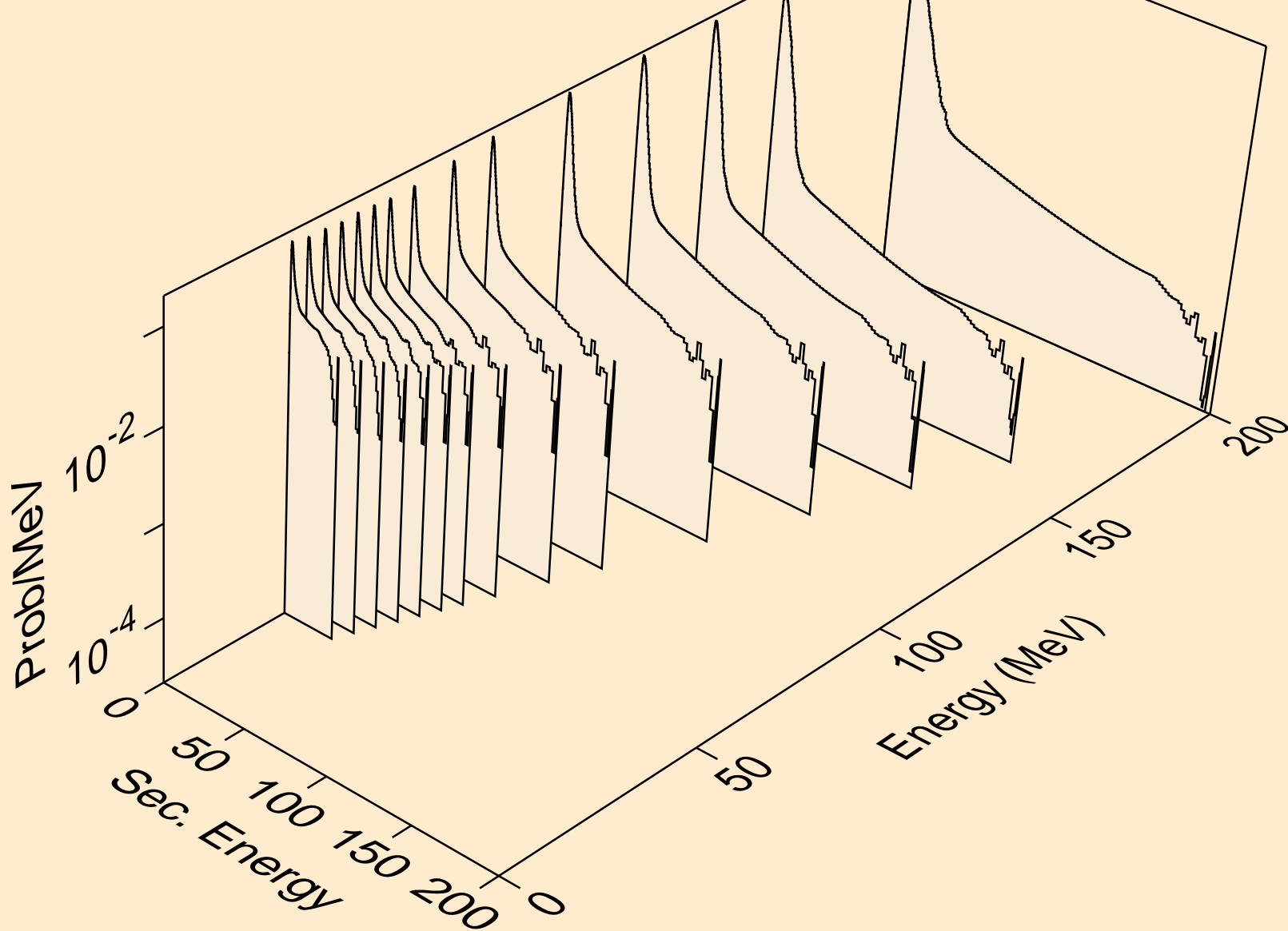
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



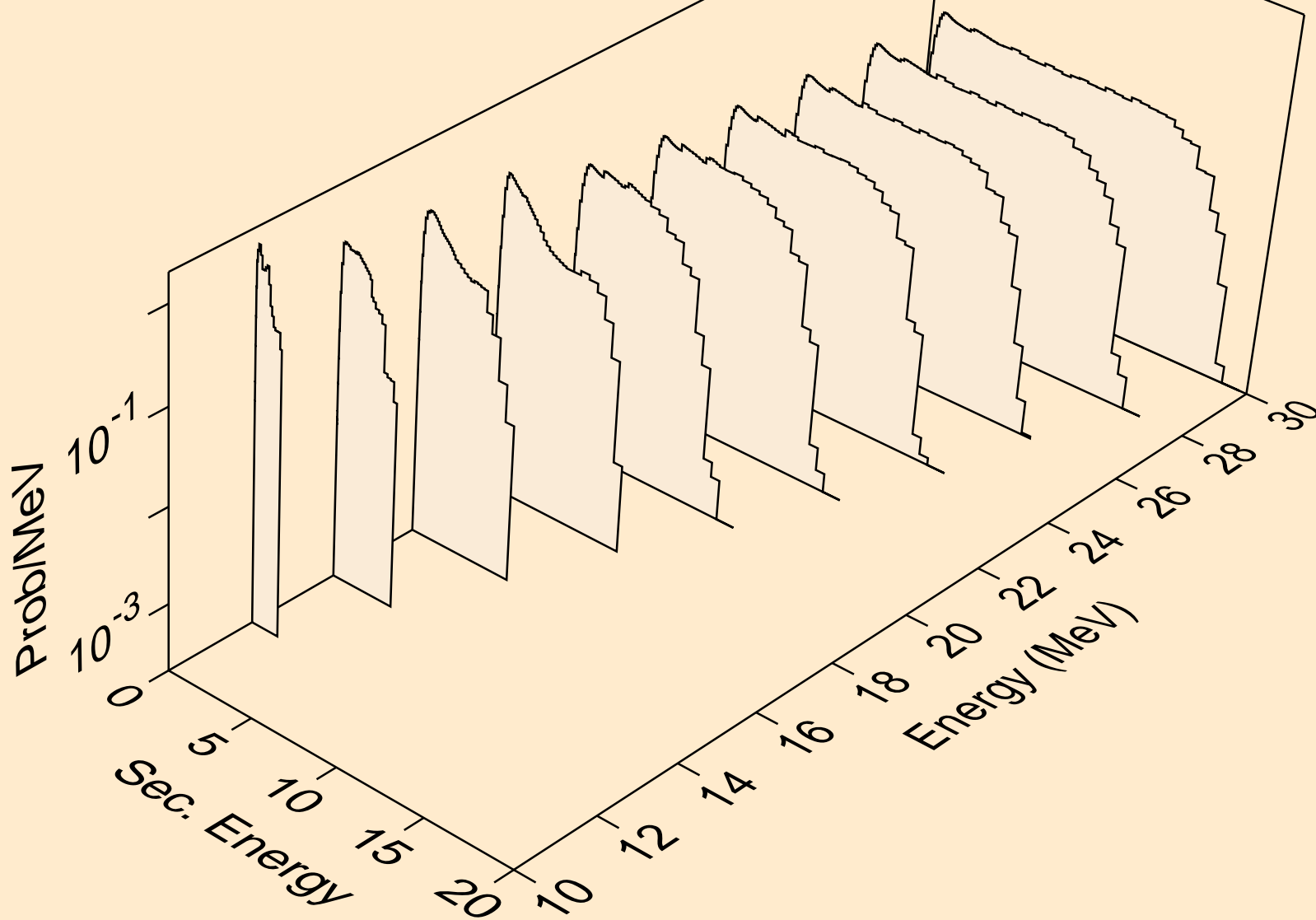
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



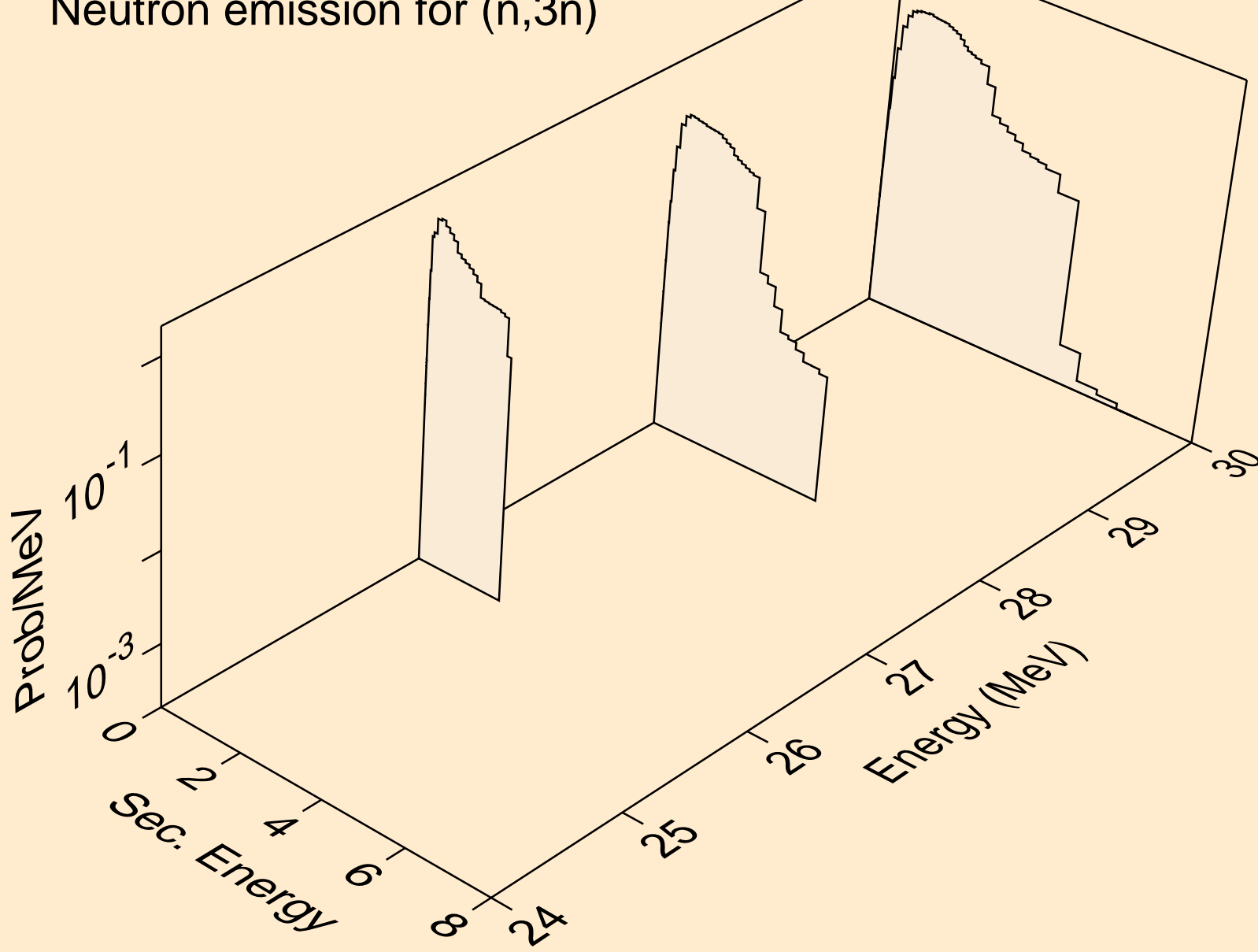
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



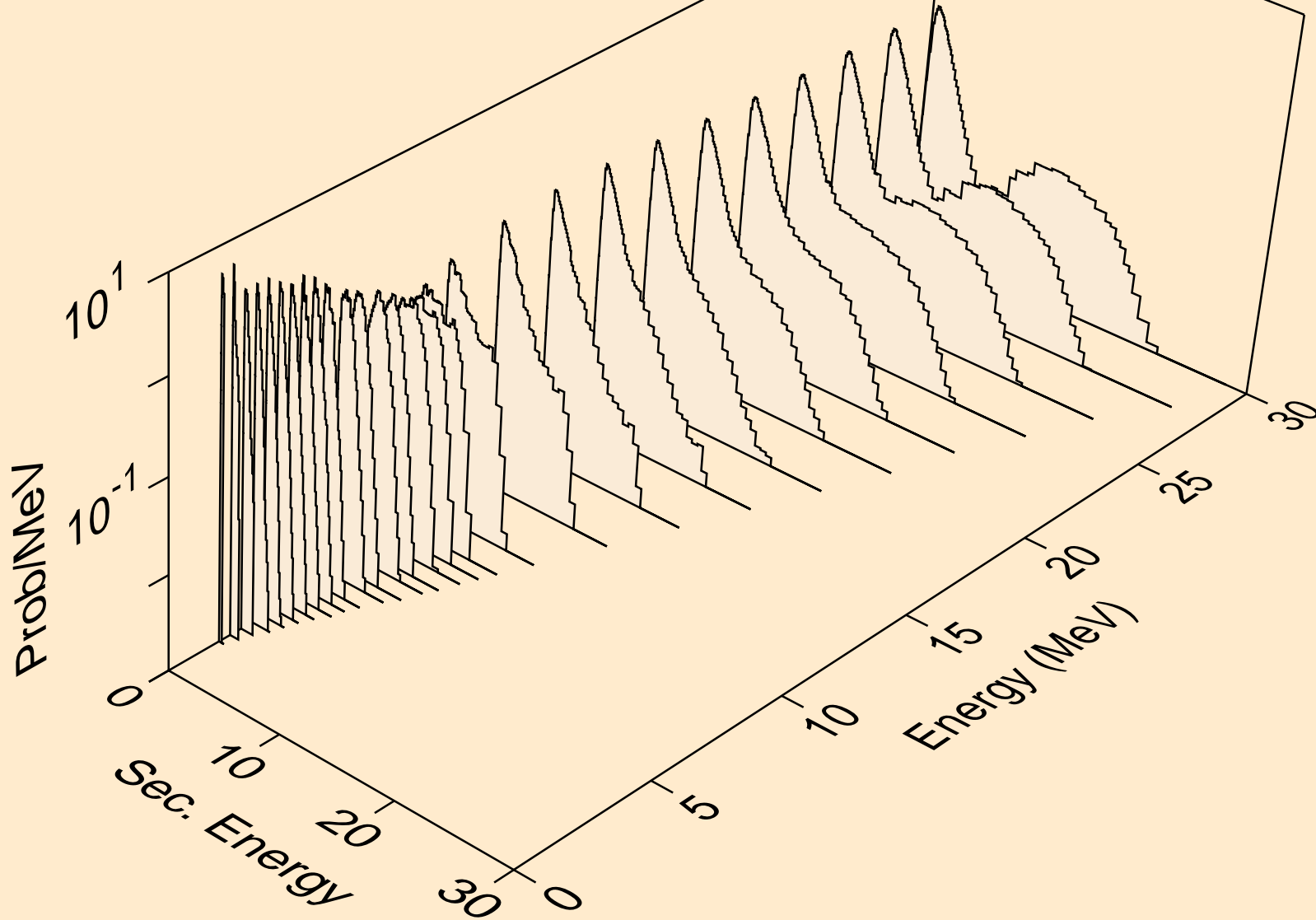
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



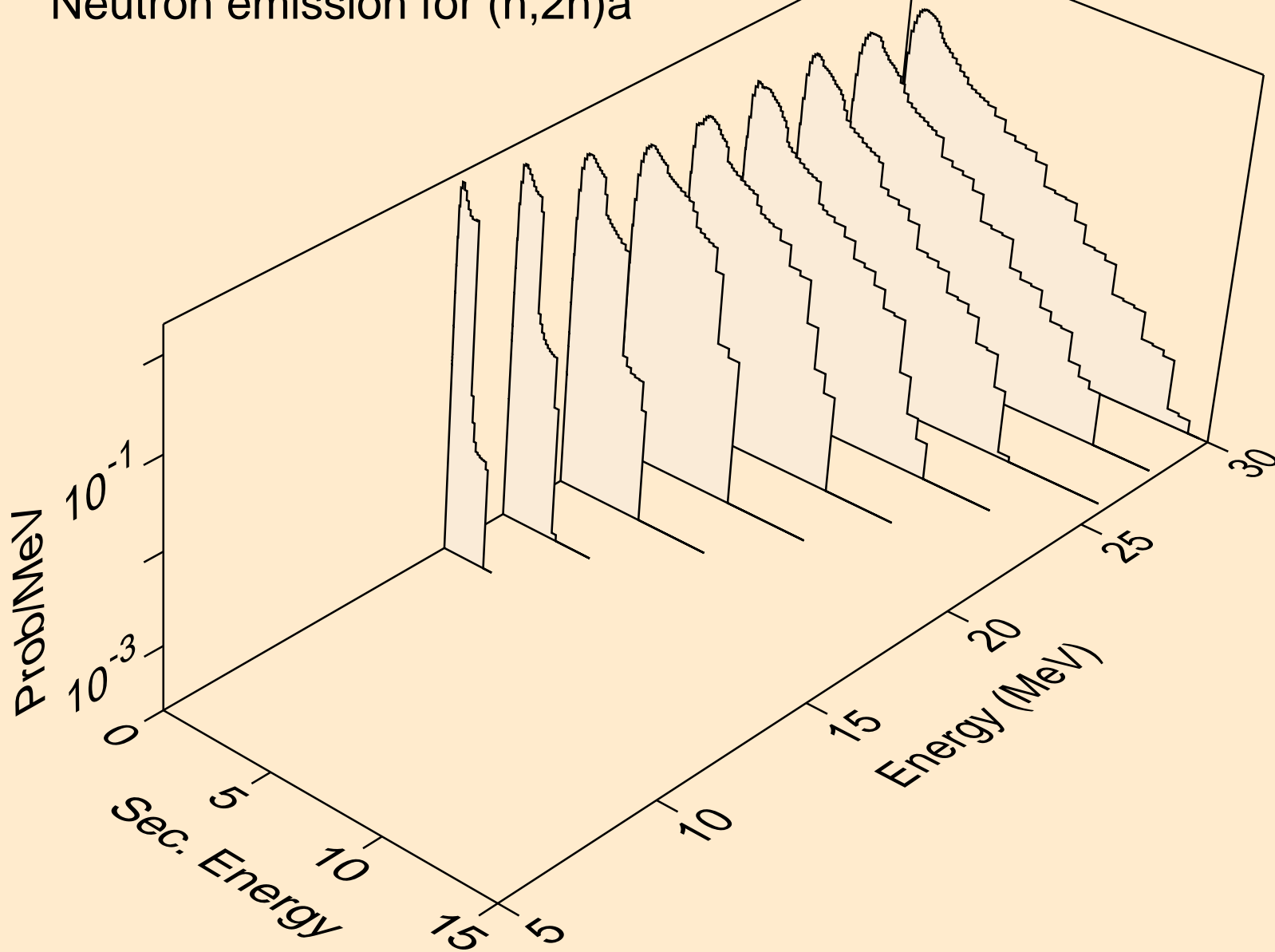
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



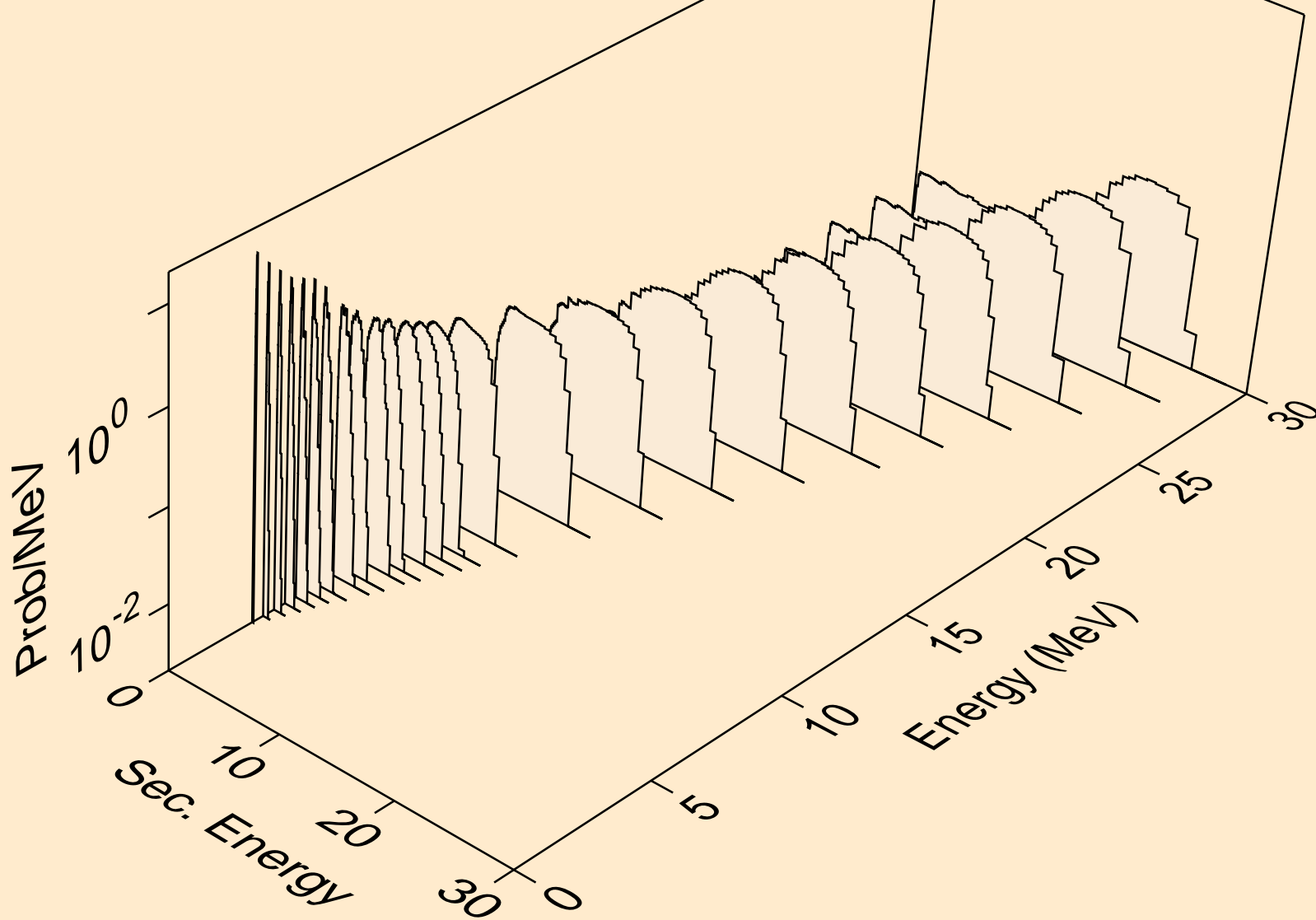
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



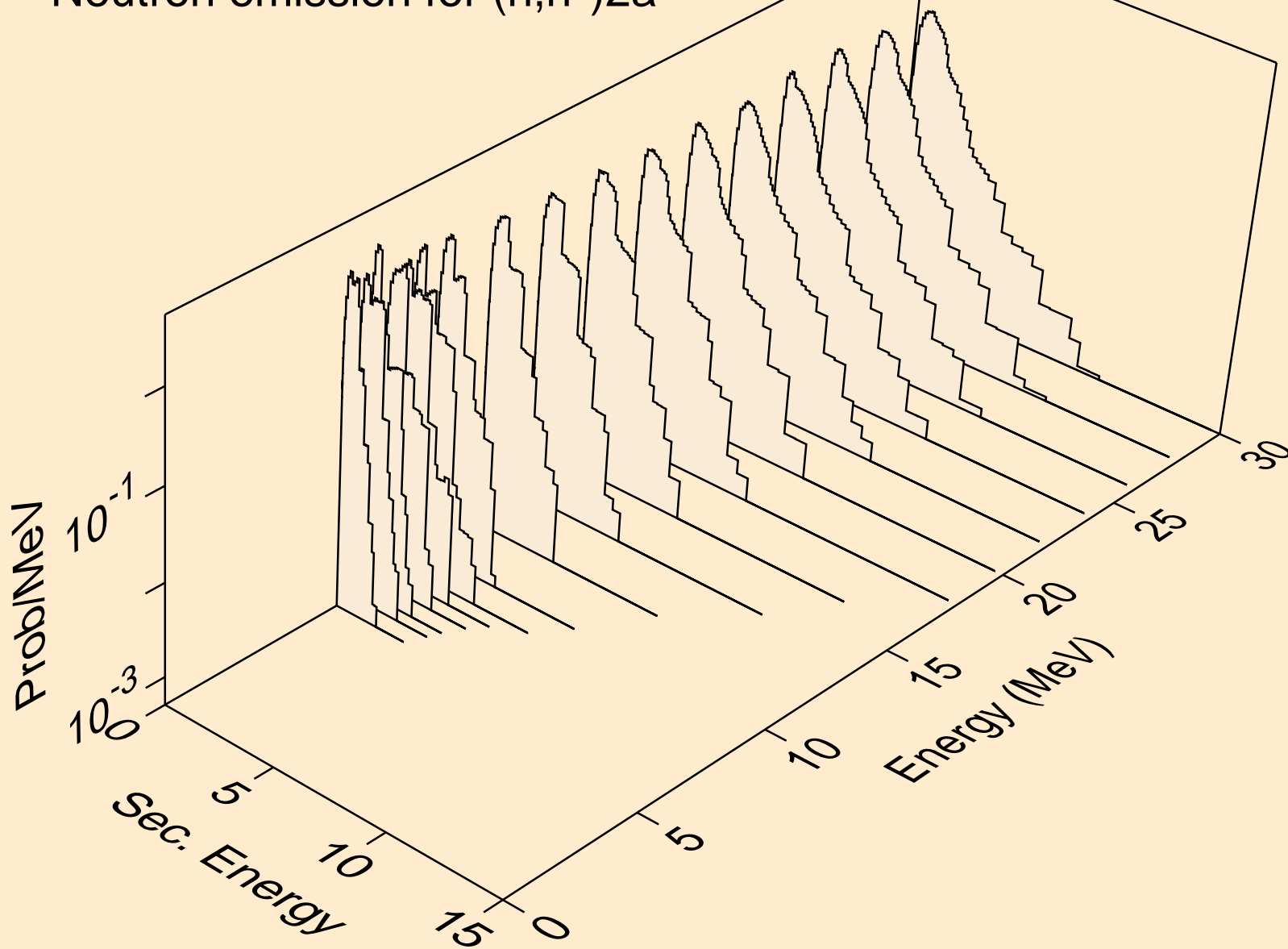
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)_a



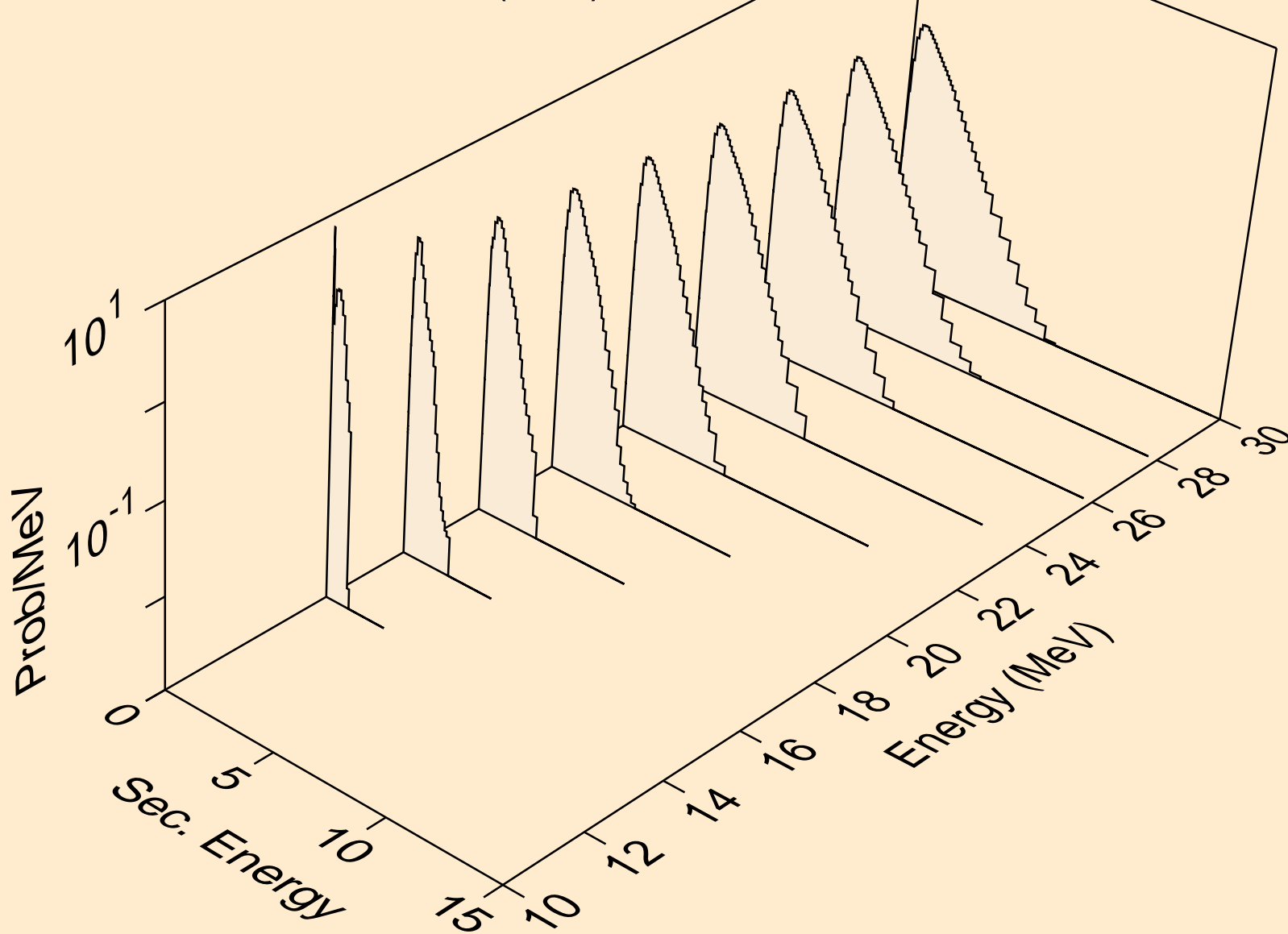
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



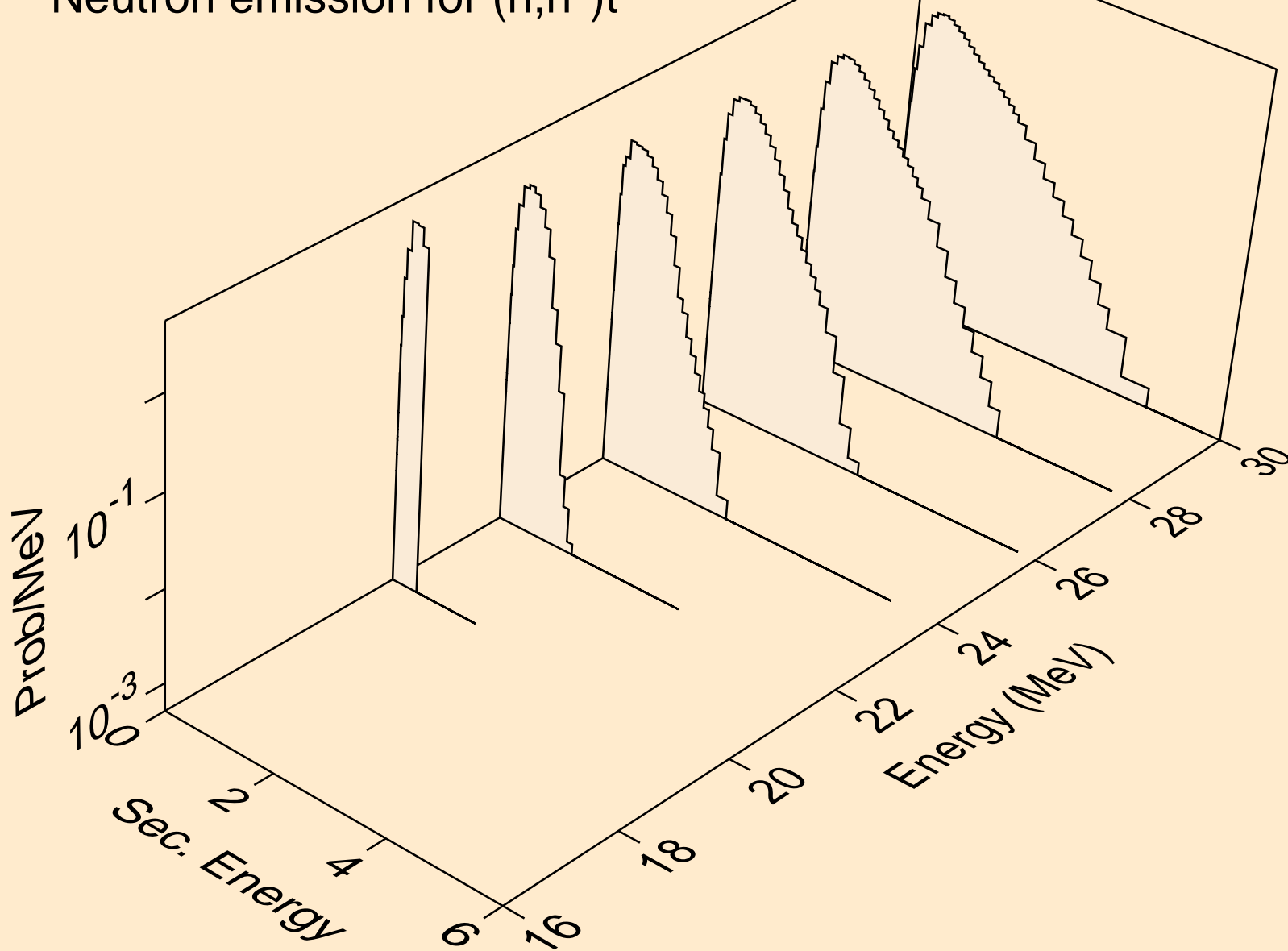
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



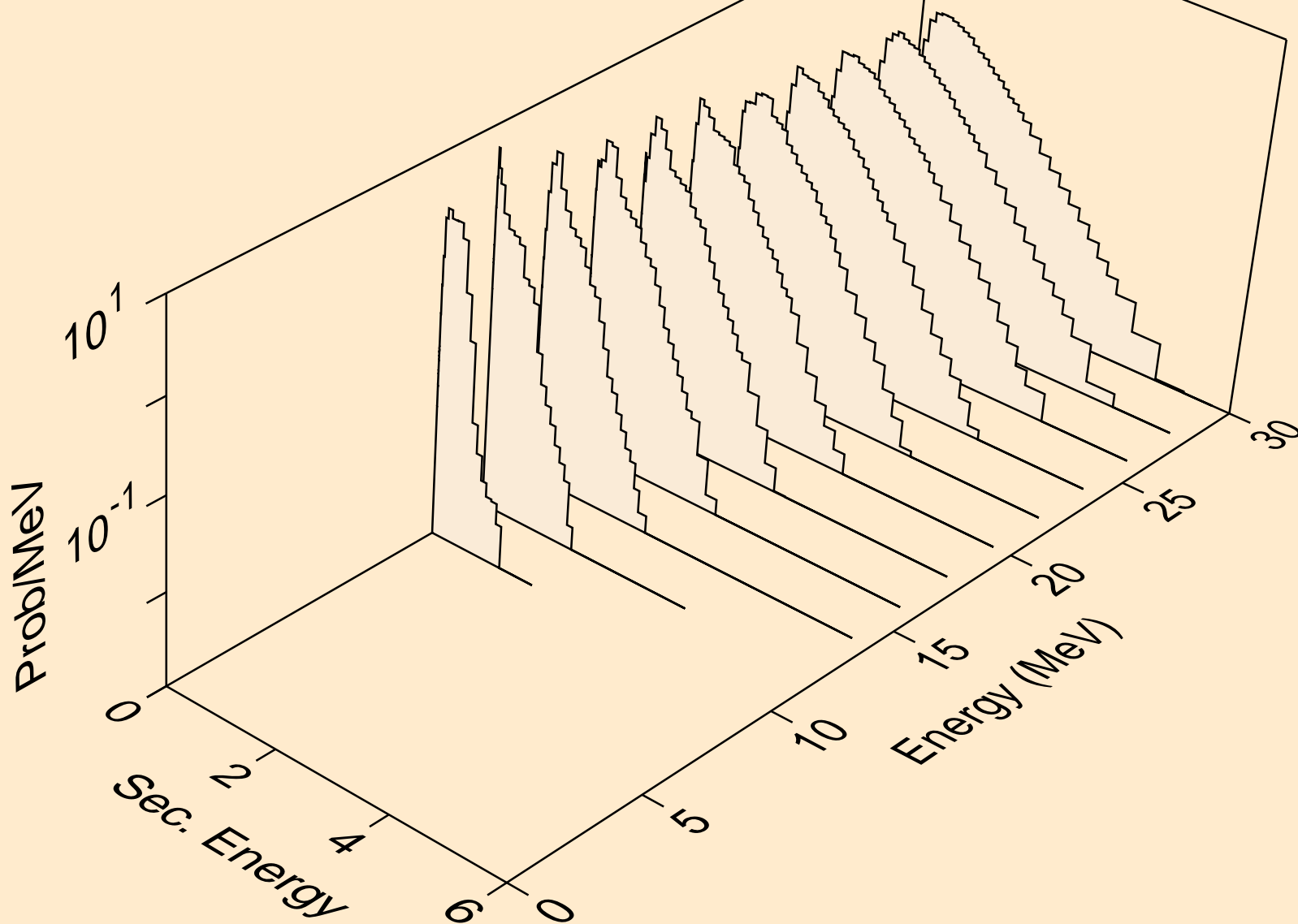
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



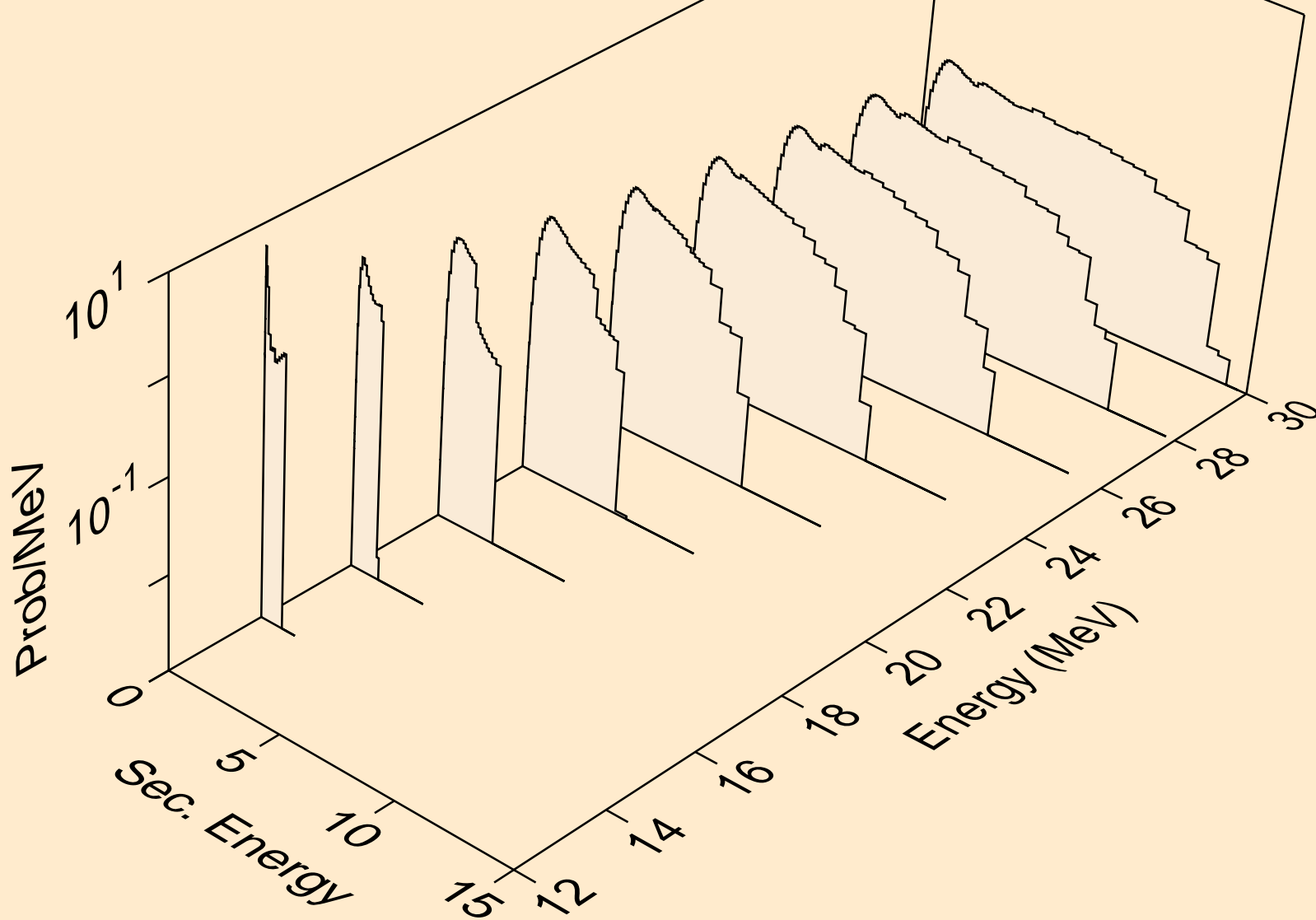
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



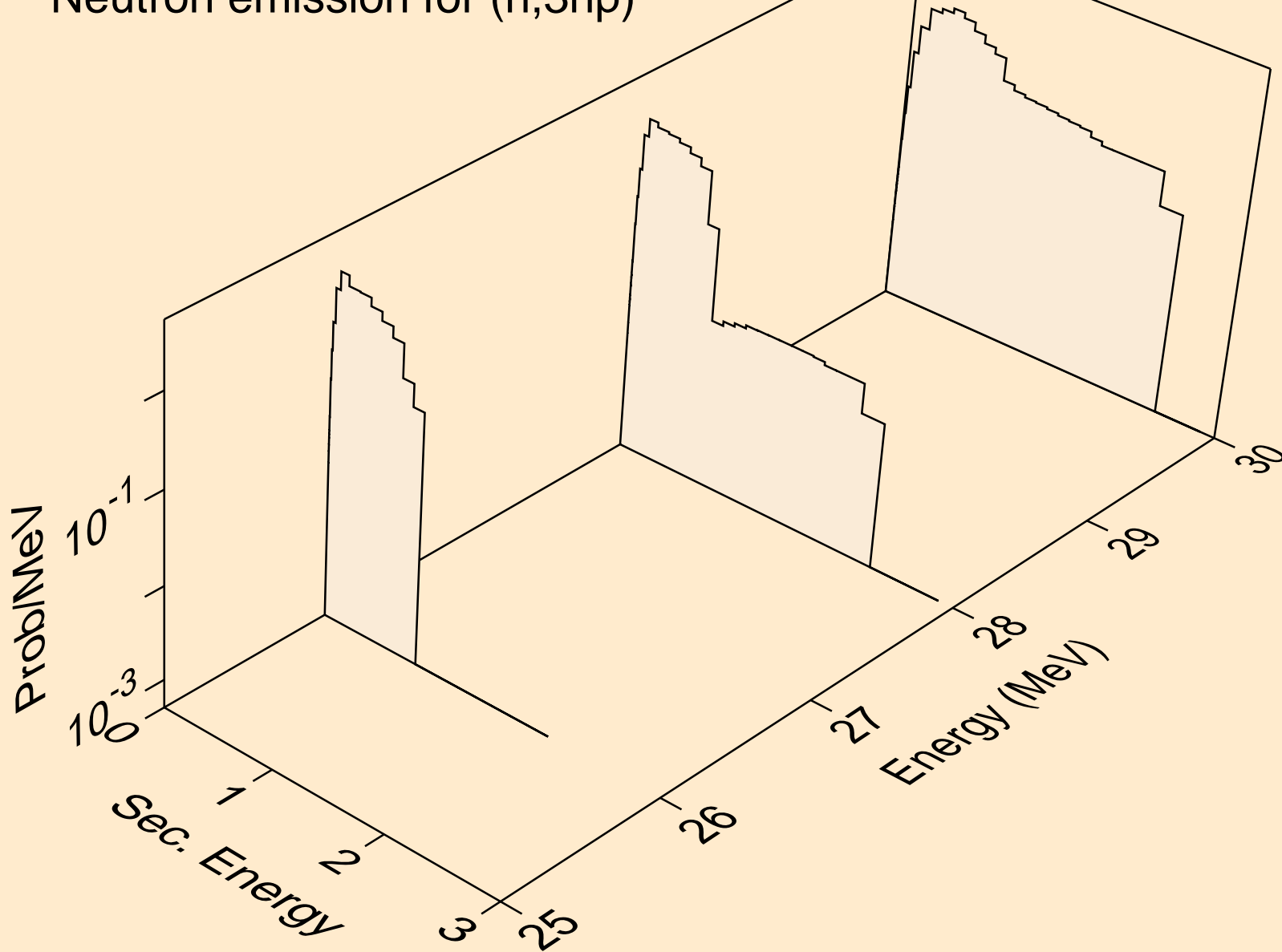
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



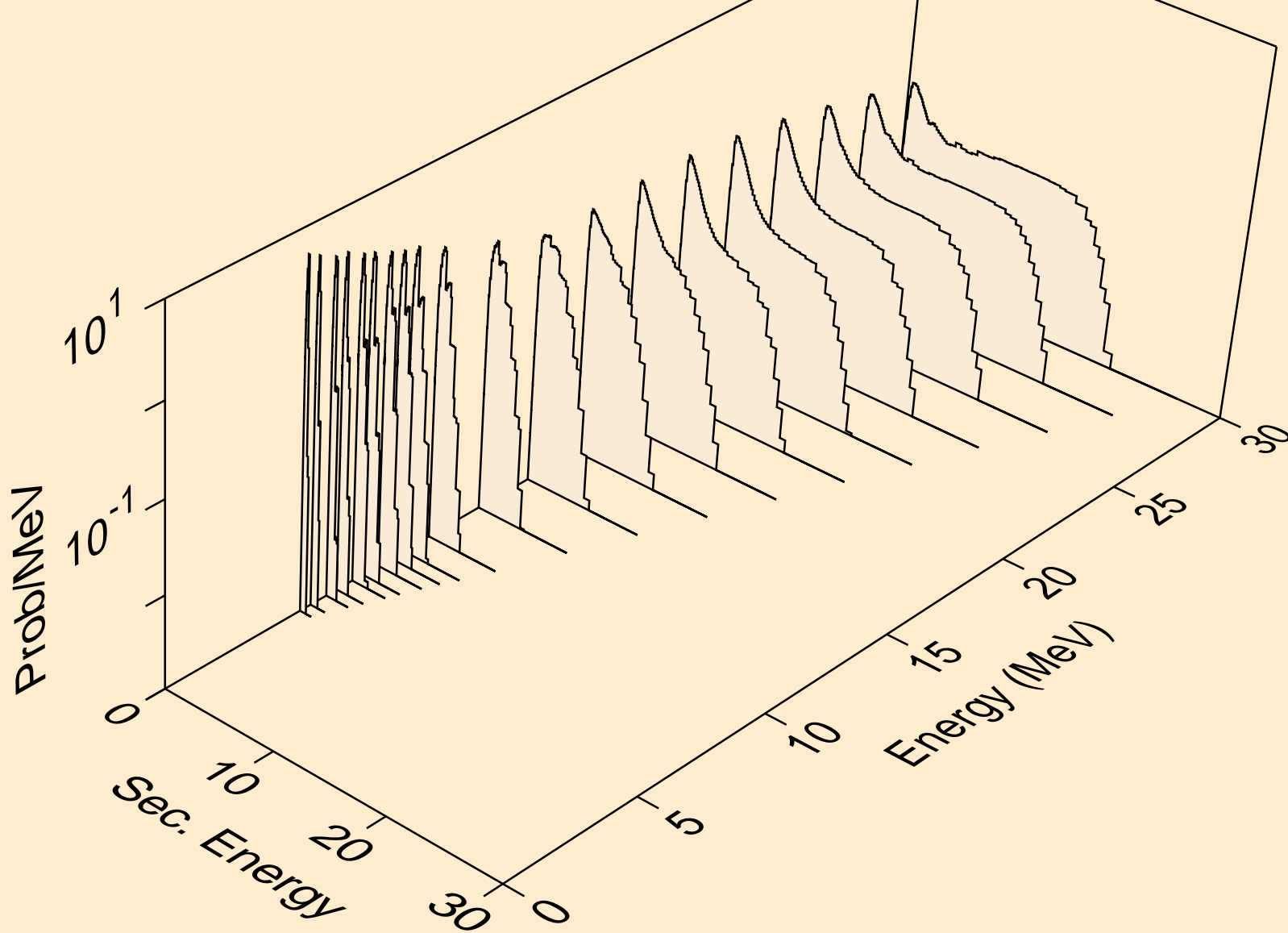
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



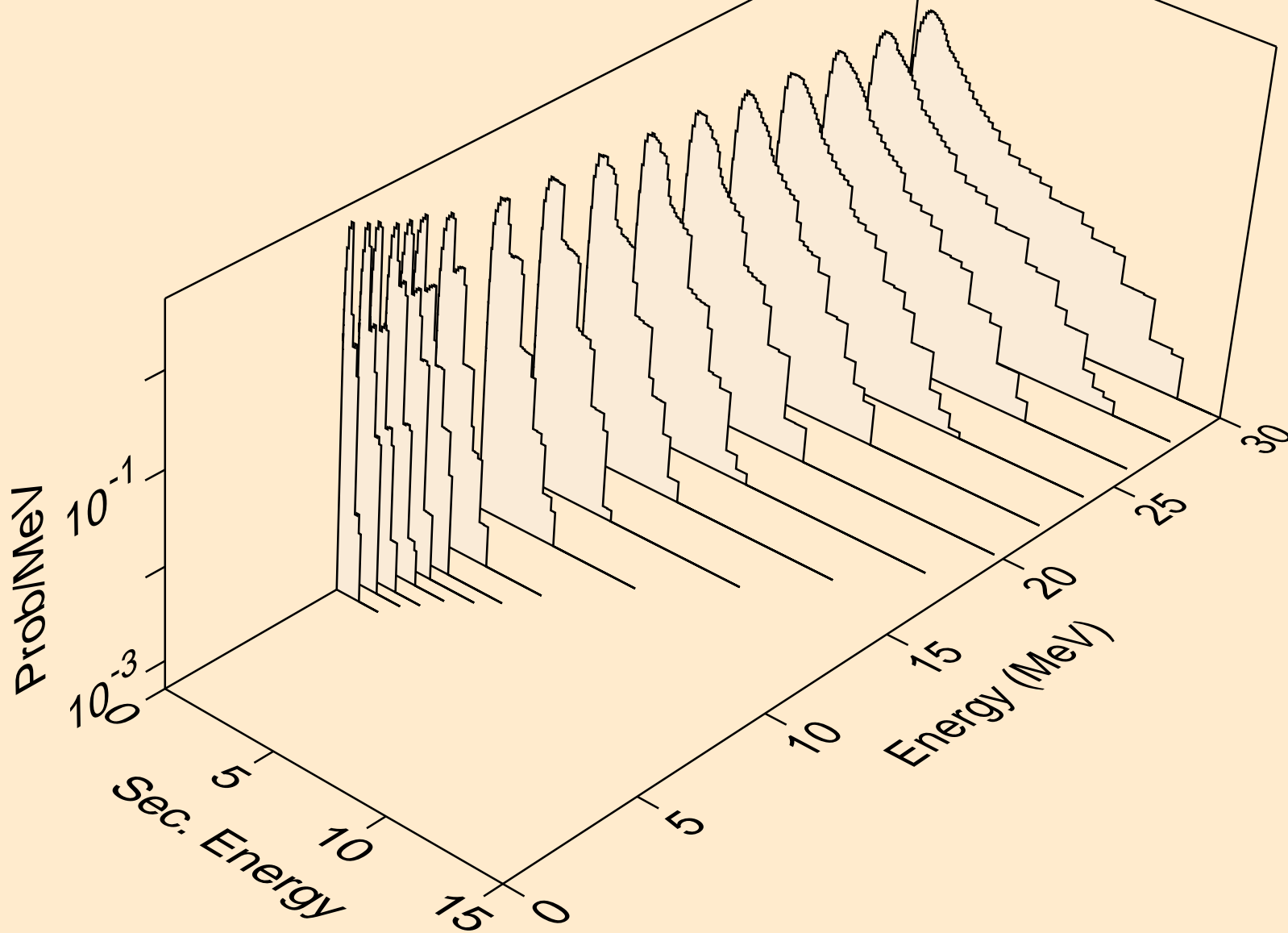
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



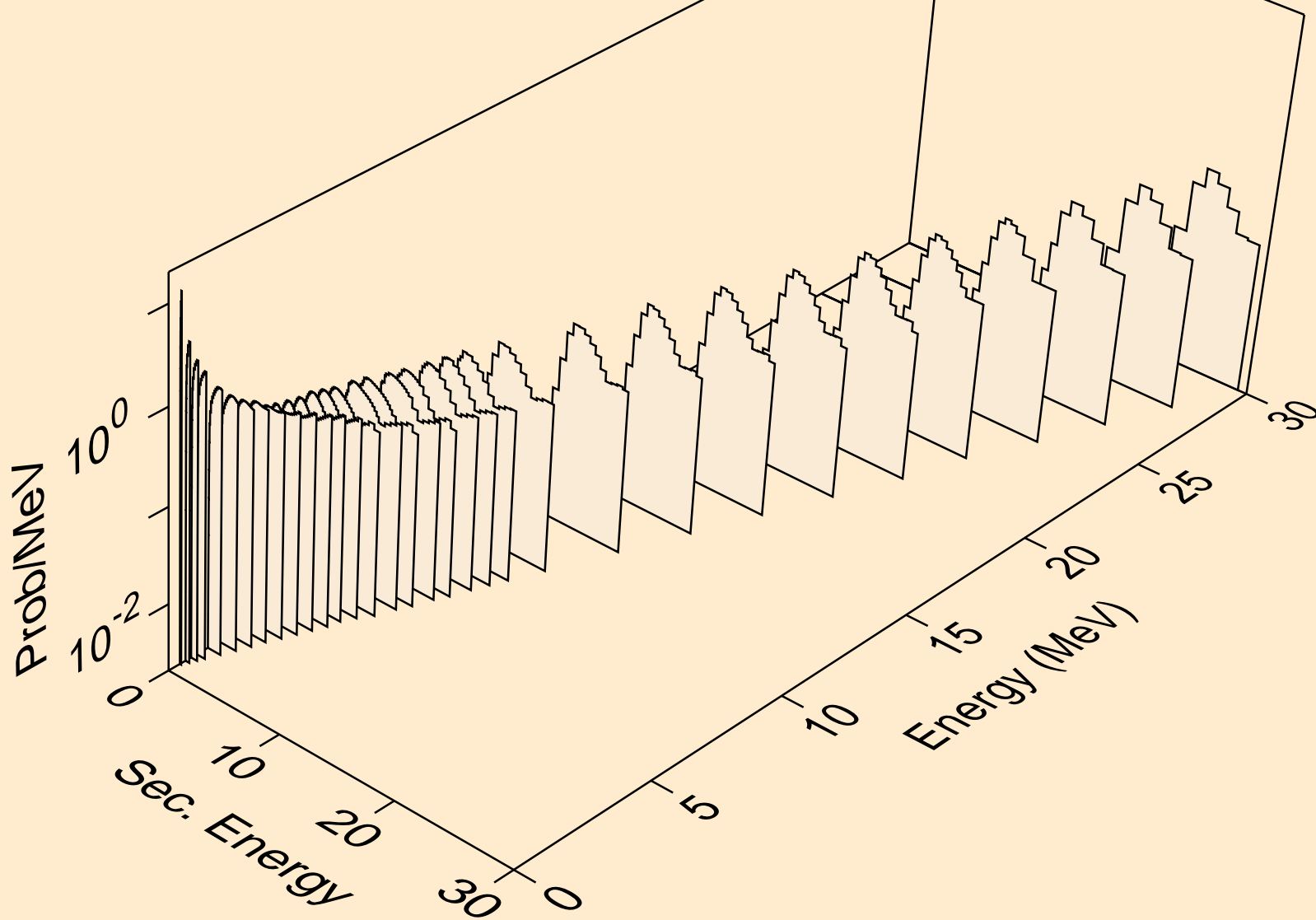
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



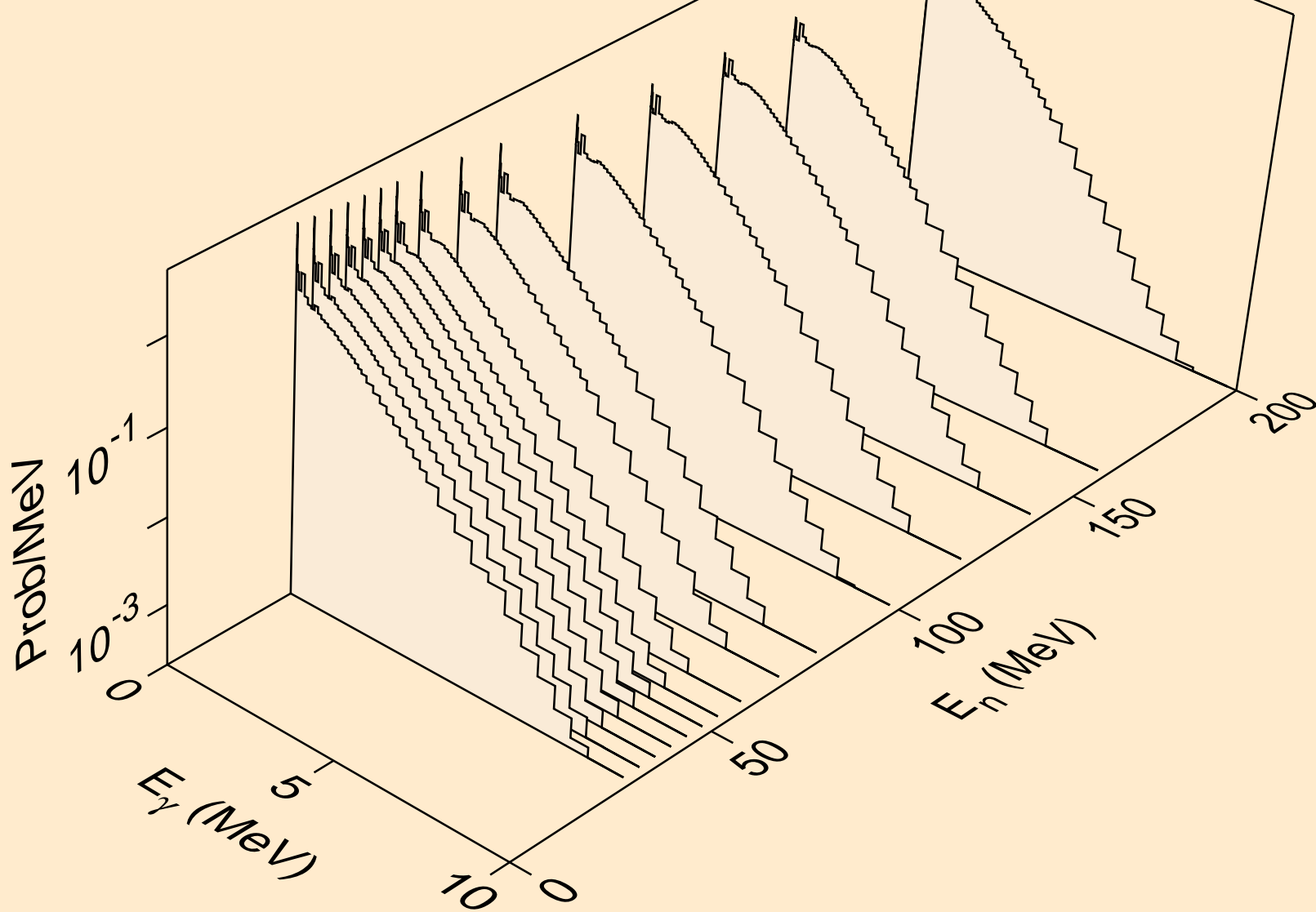
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



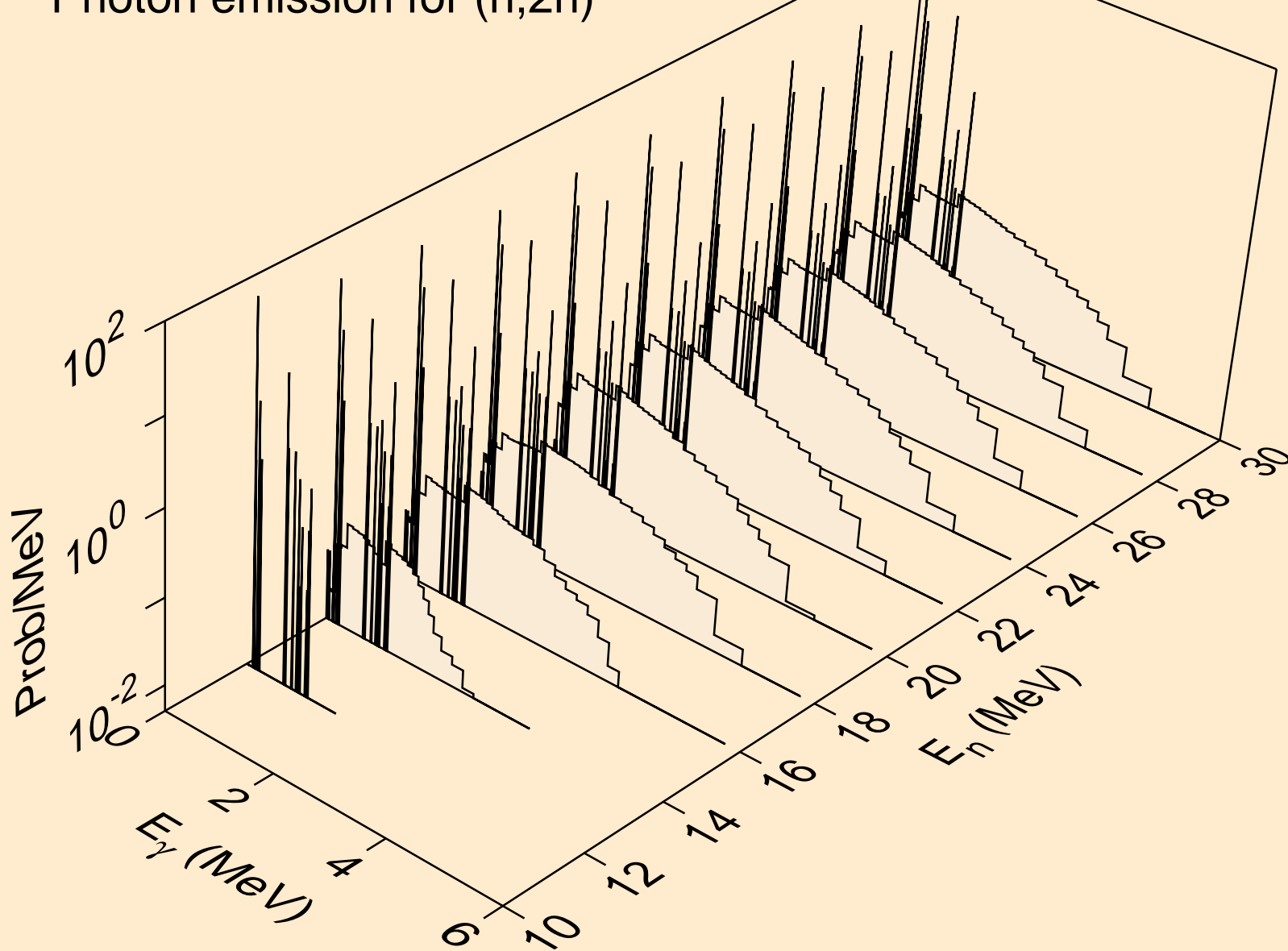
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



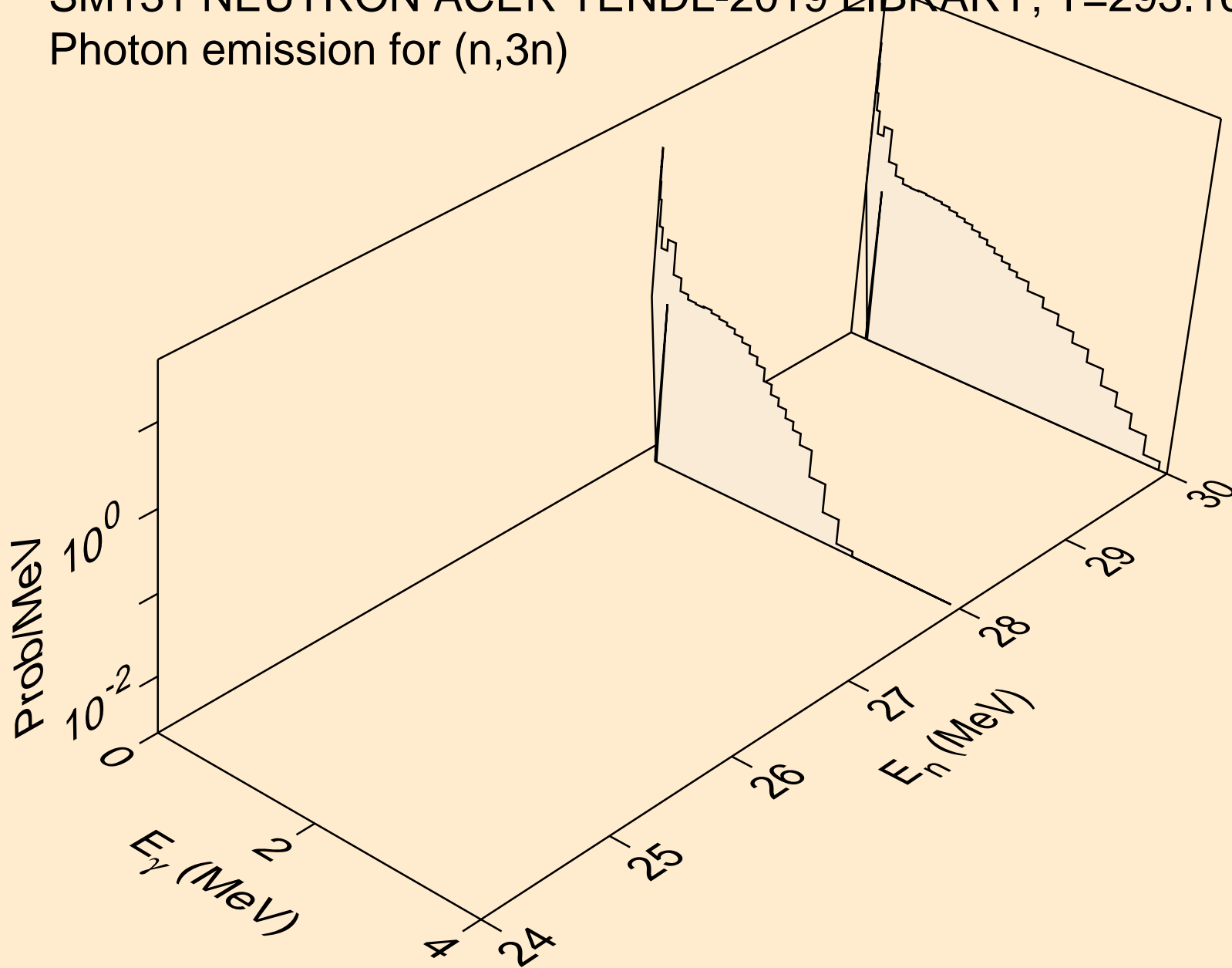
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



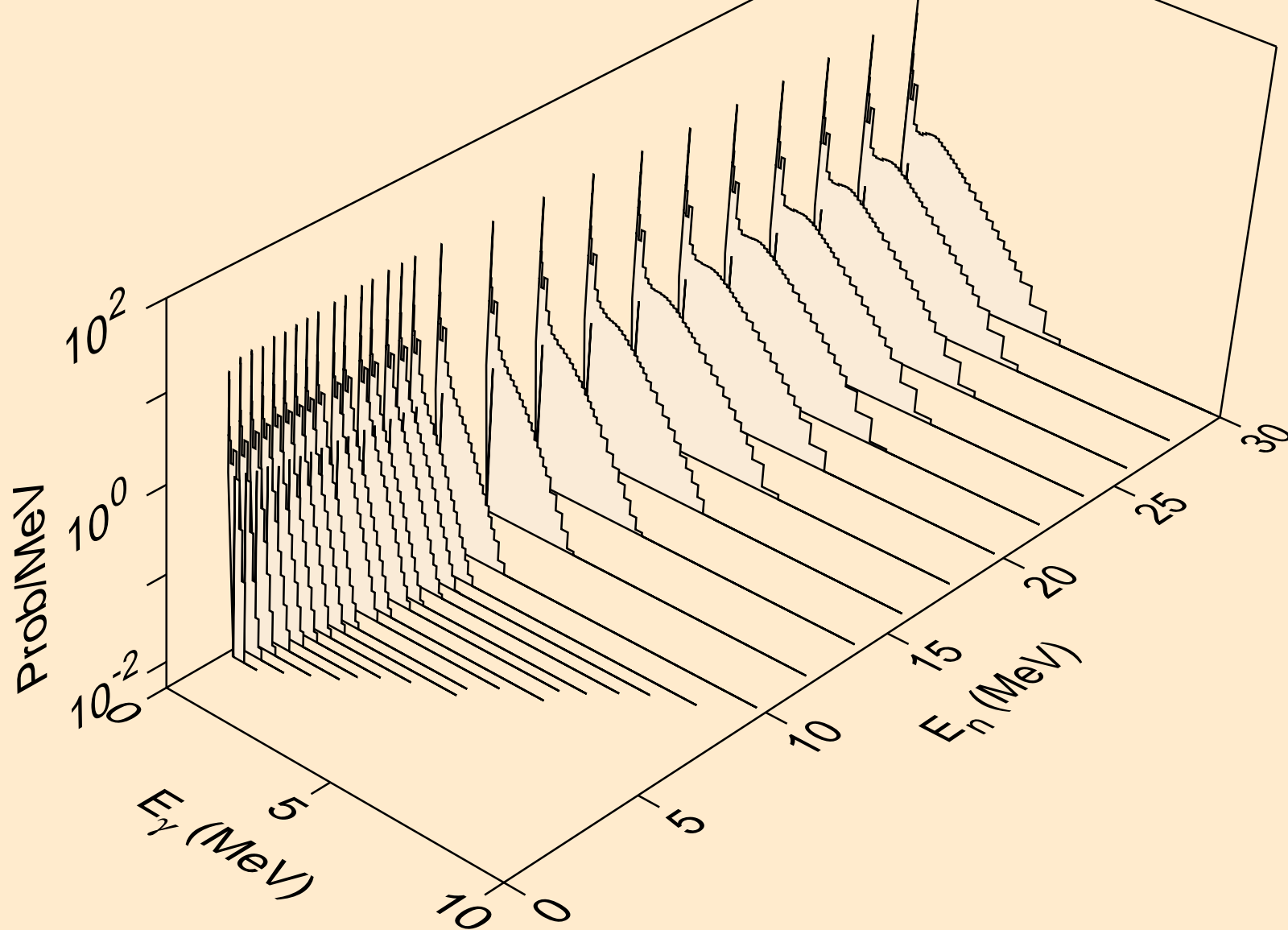
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



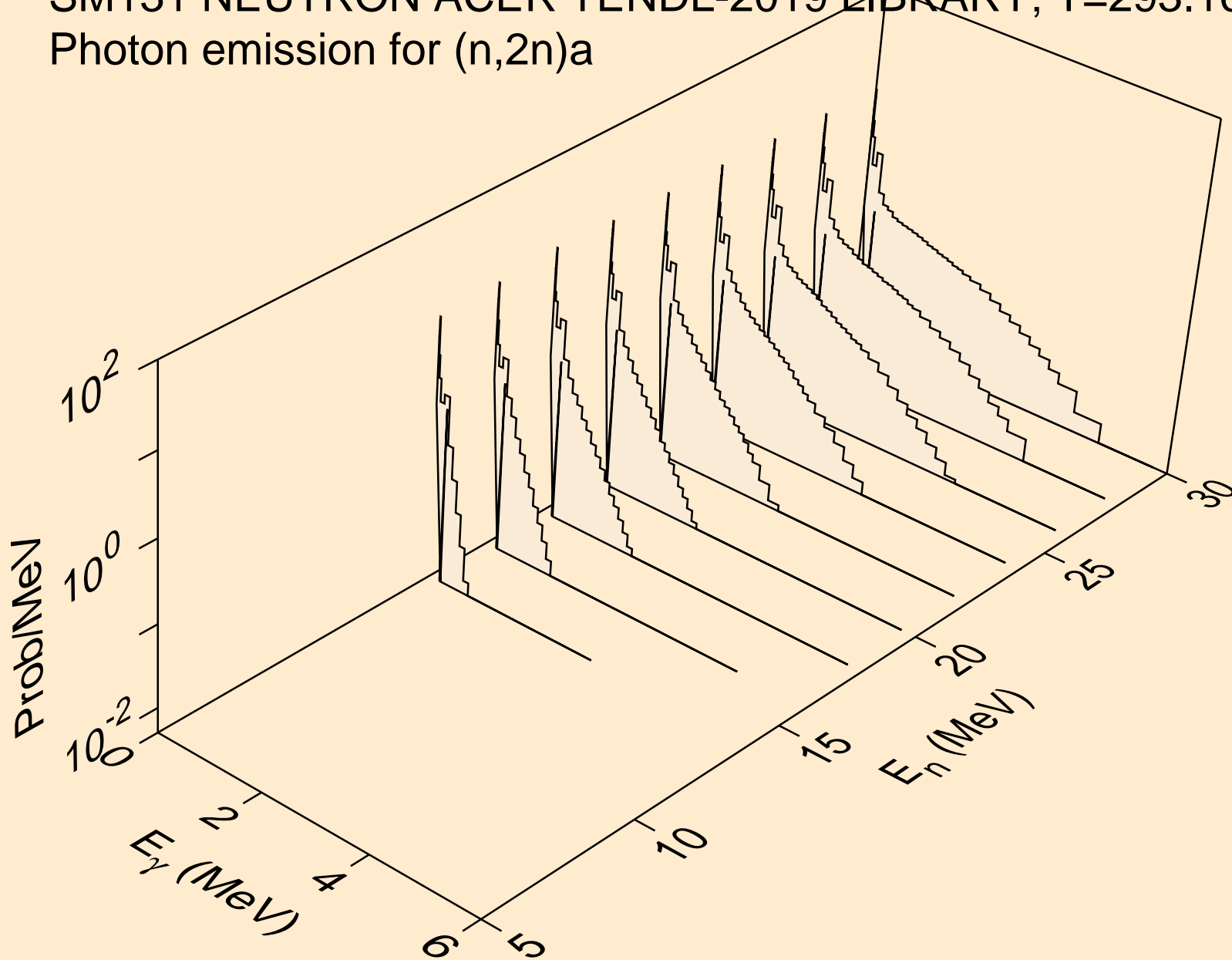
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



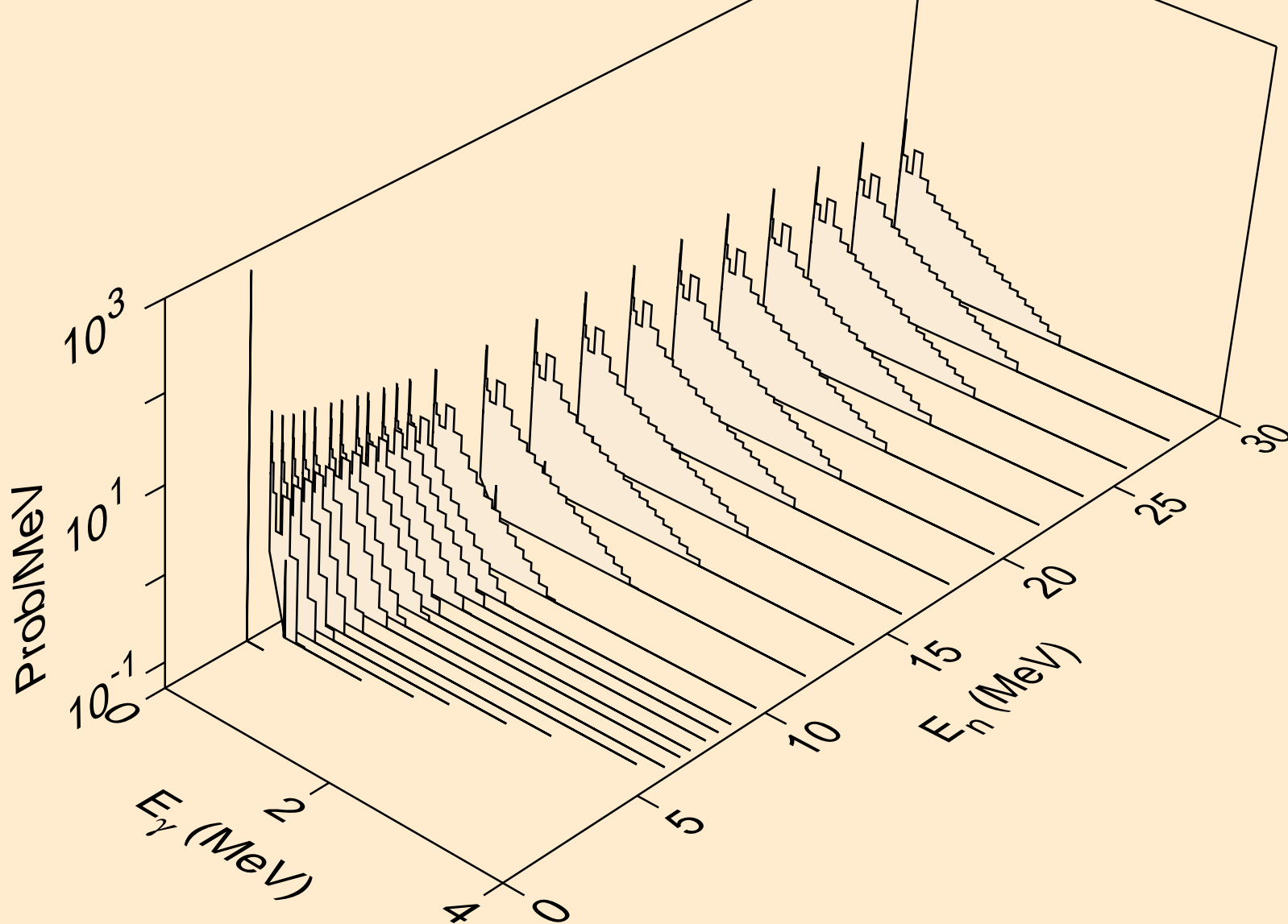
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



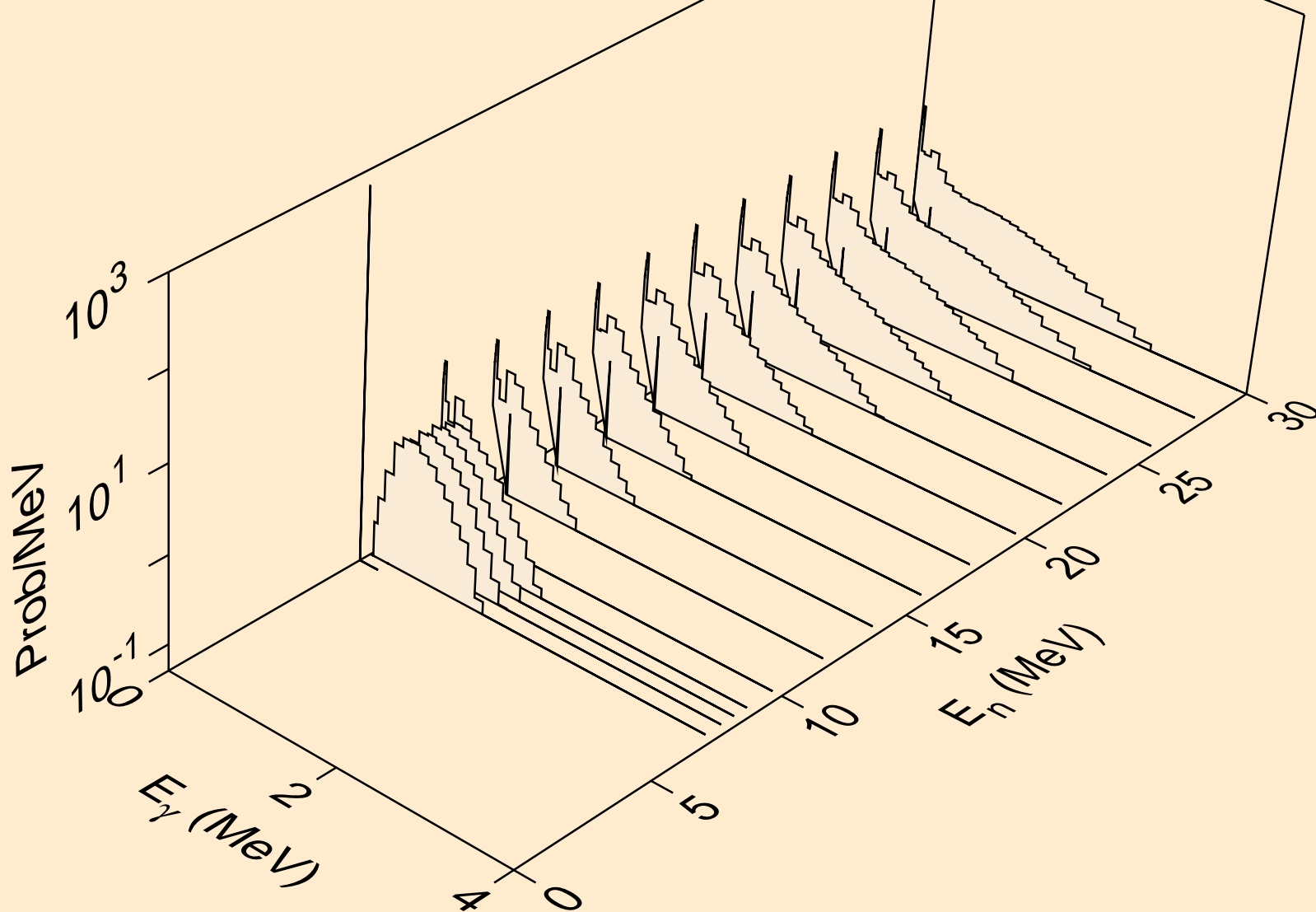
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



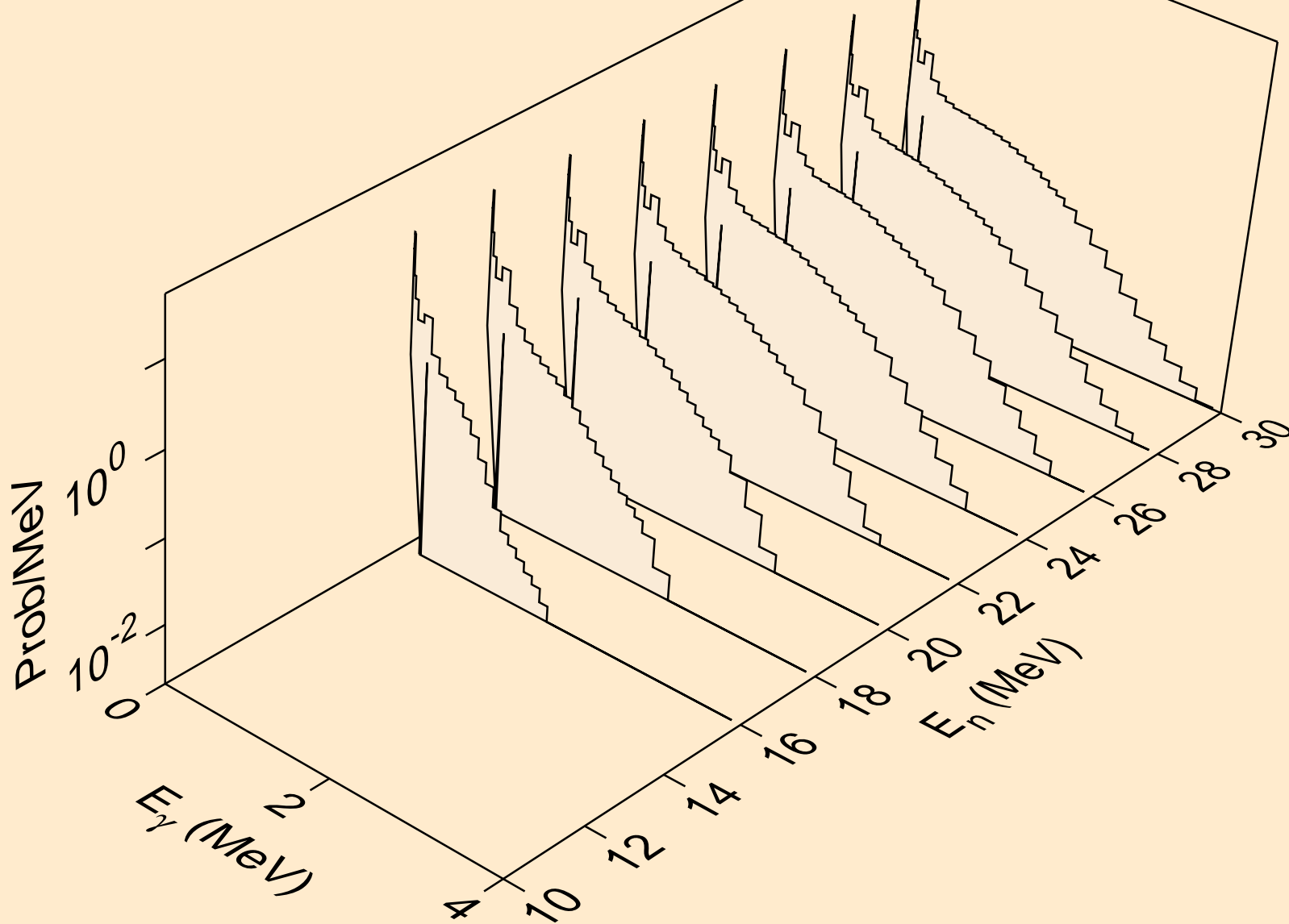
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



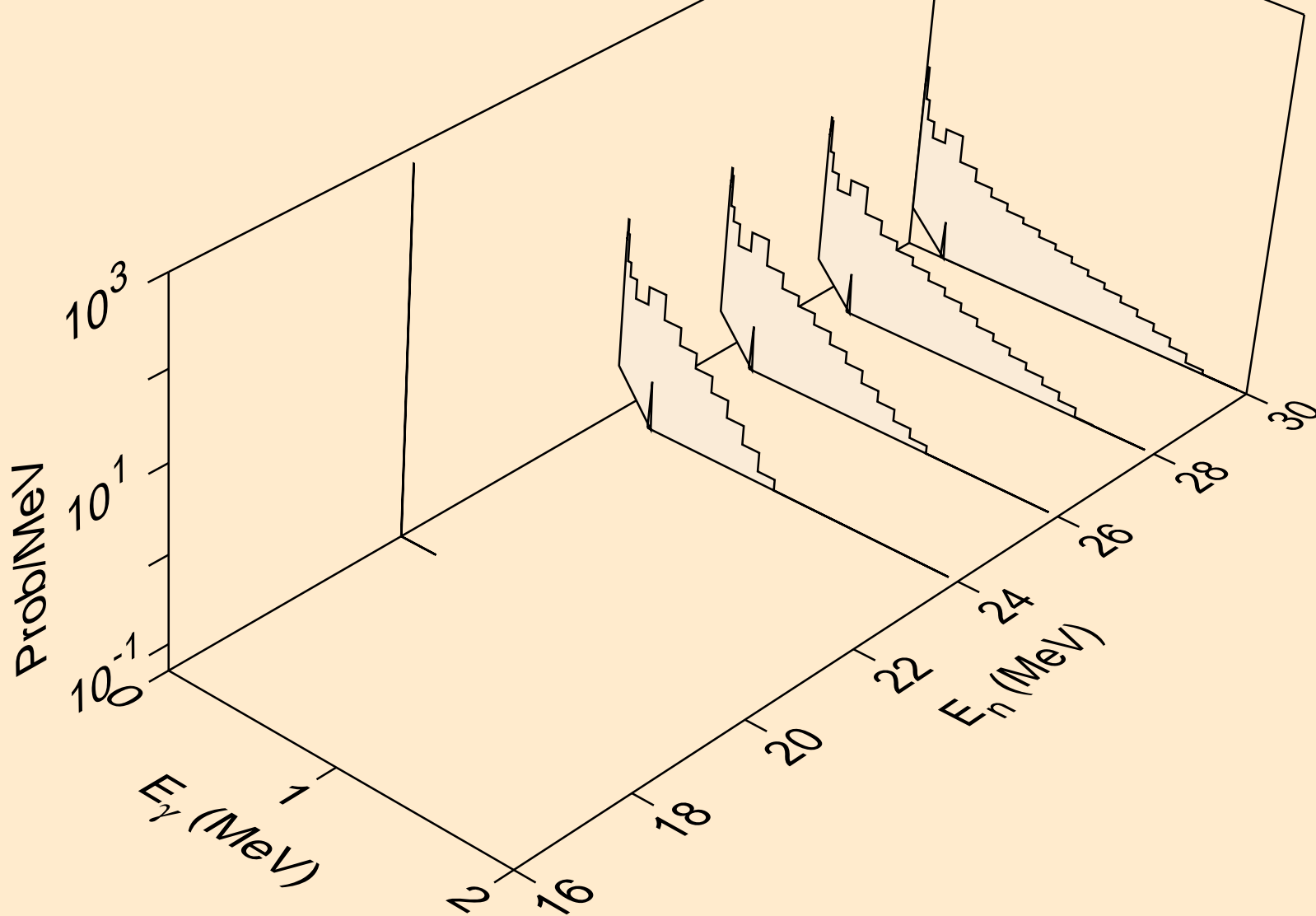
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



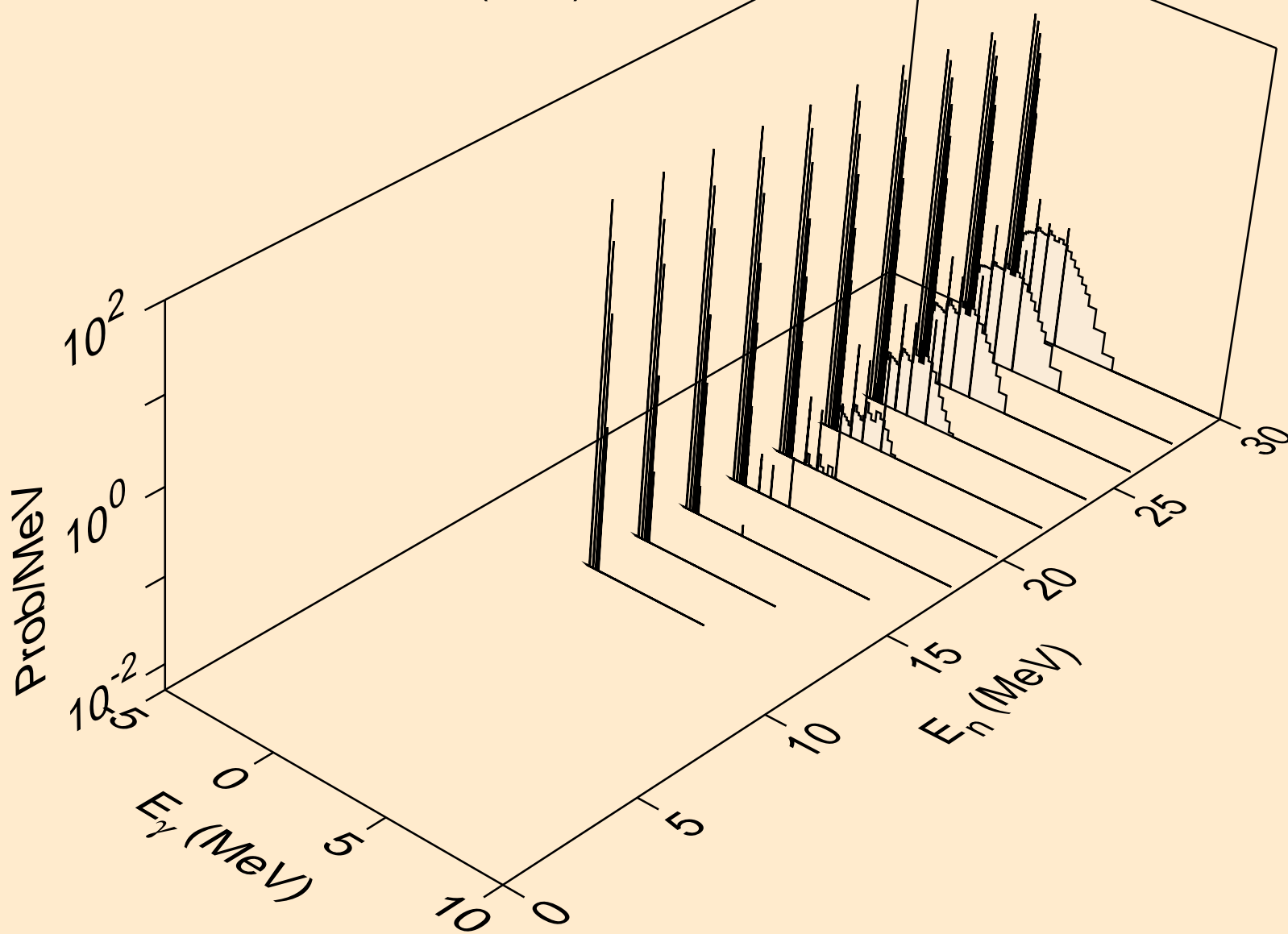
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



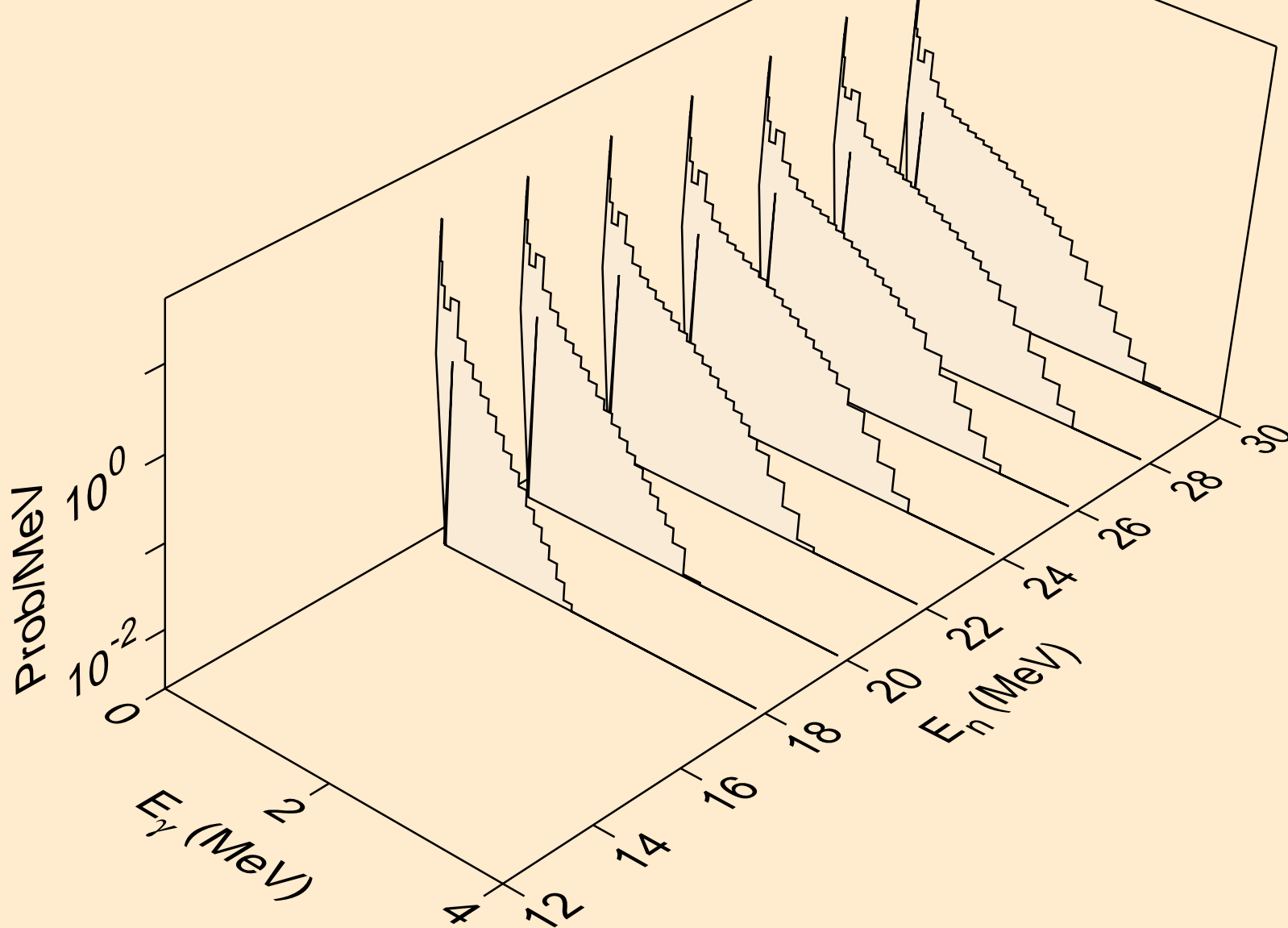
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



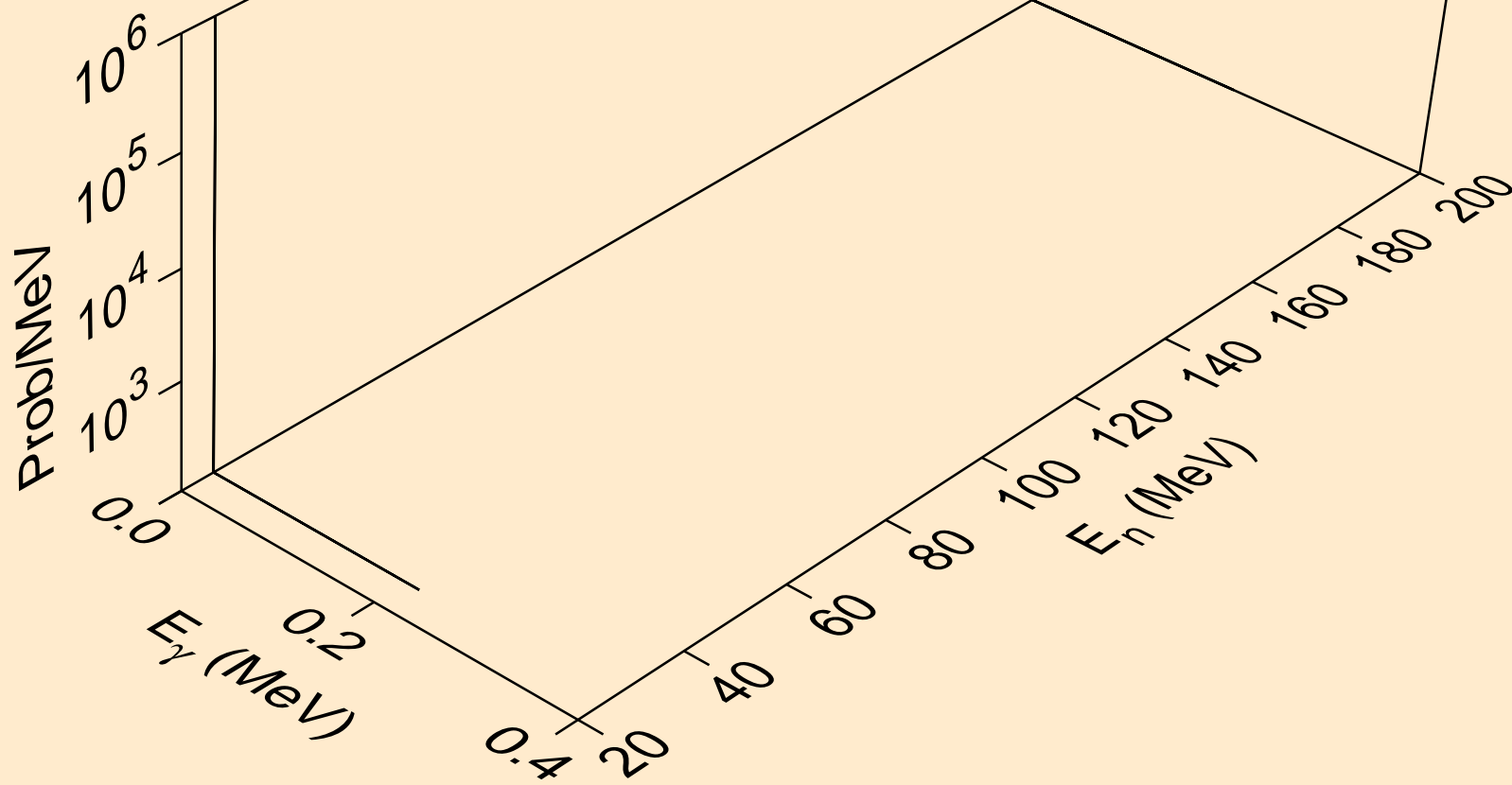
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



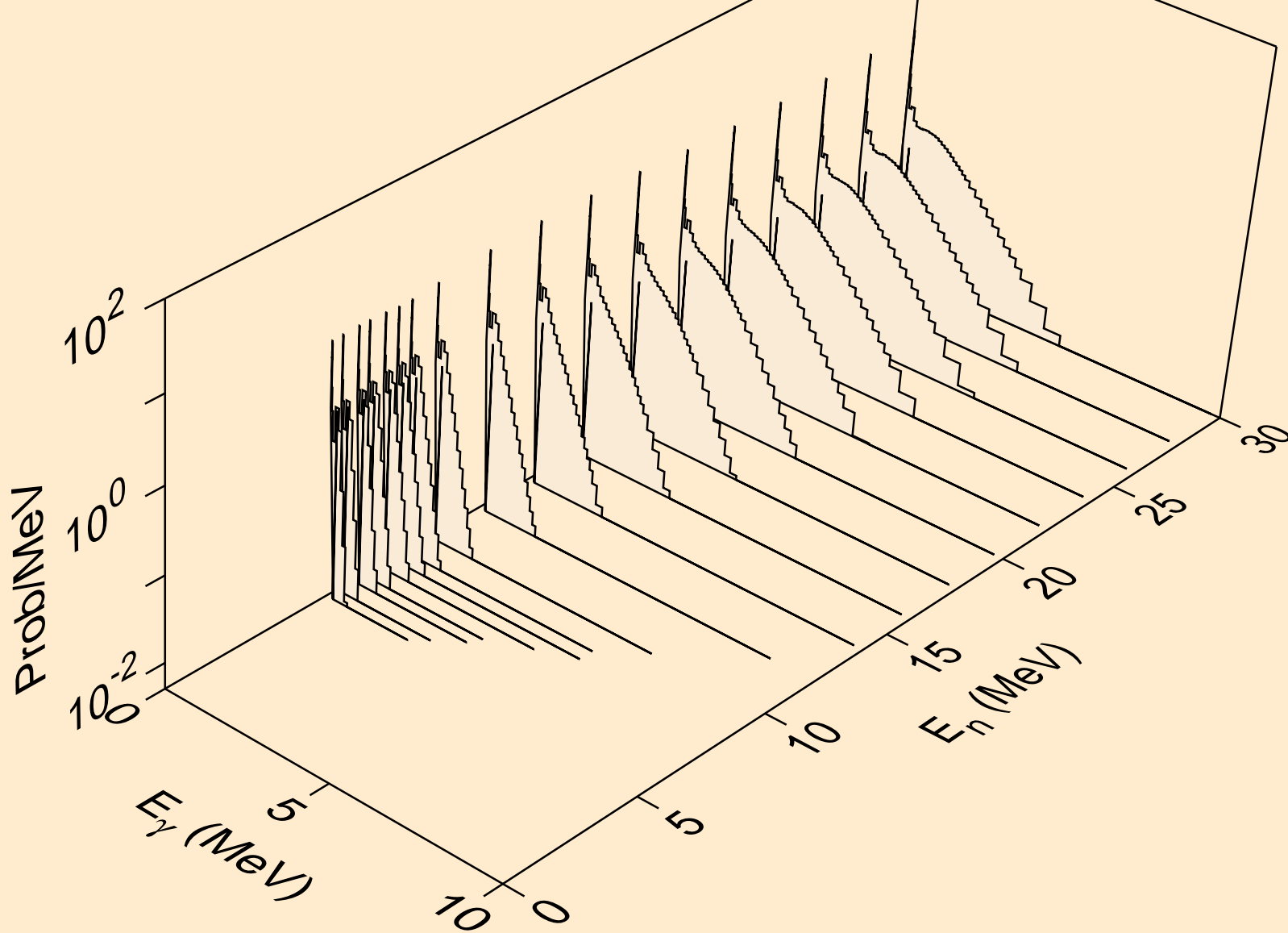
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



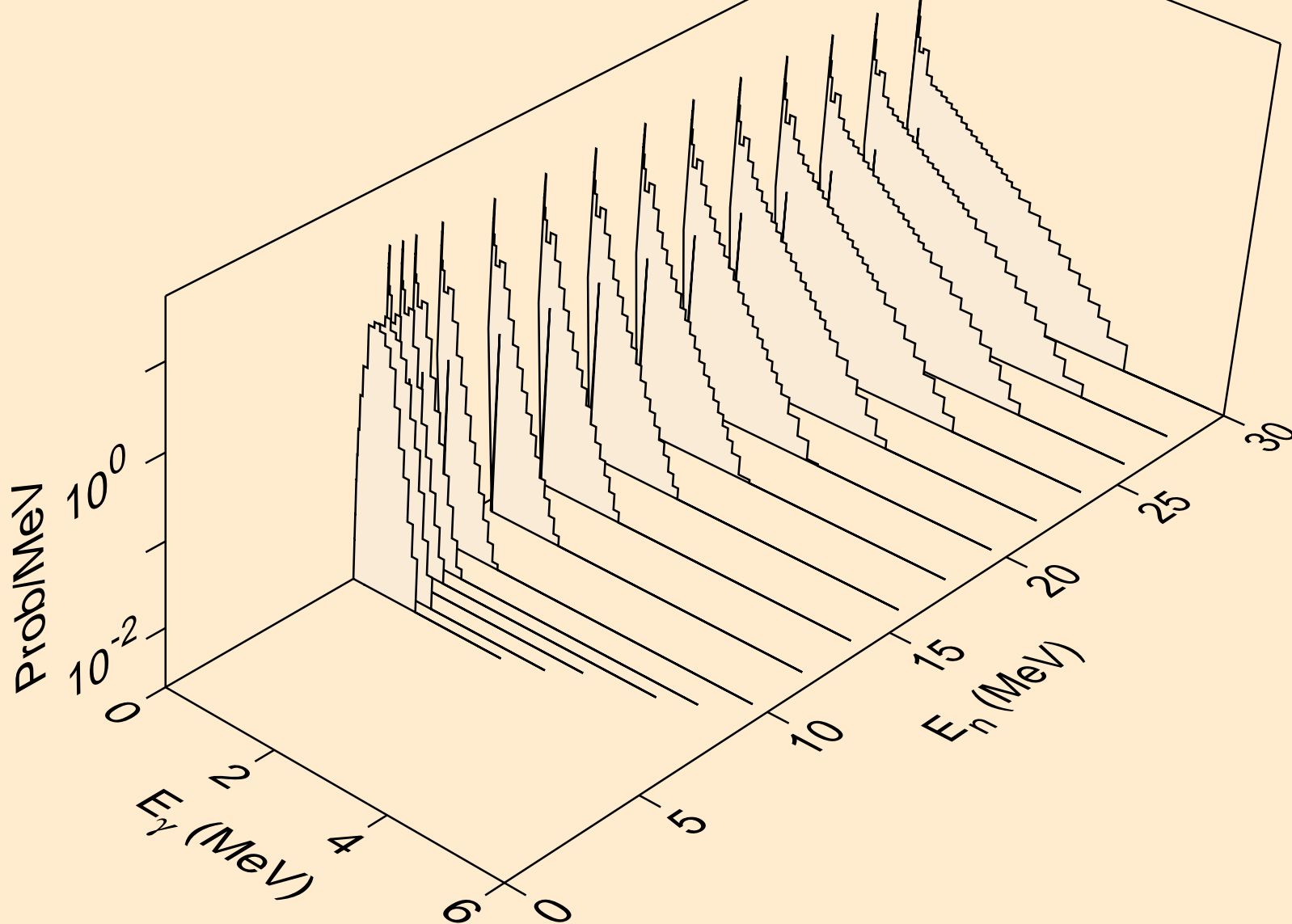
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



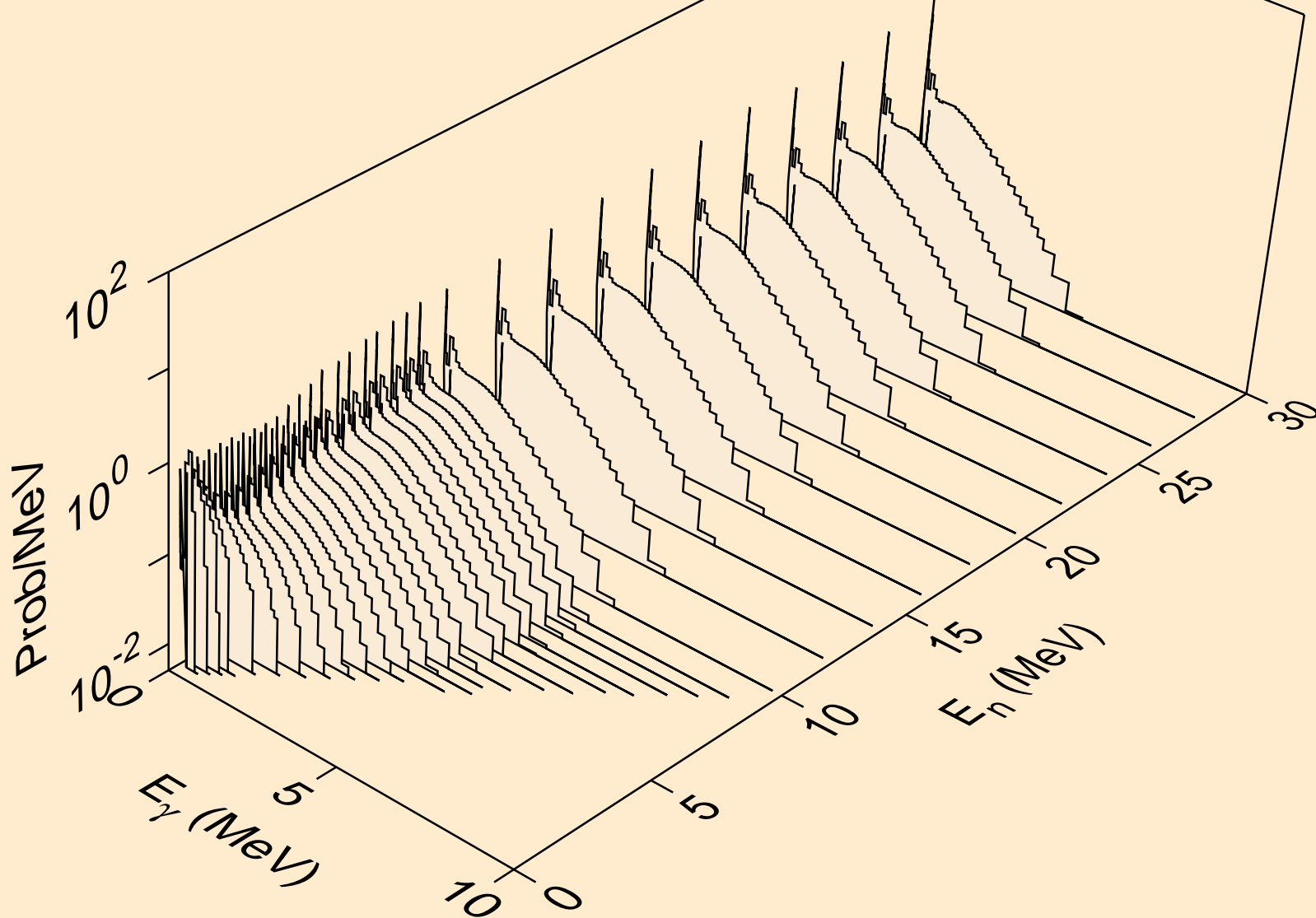
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



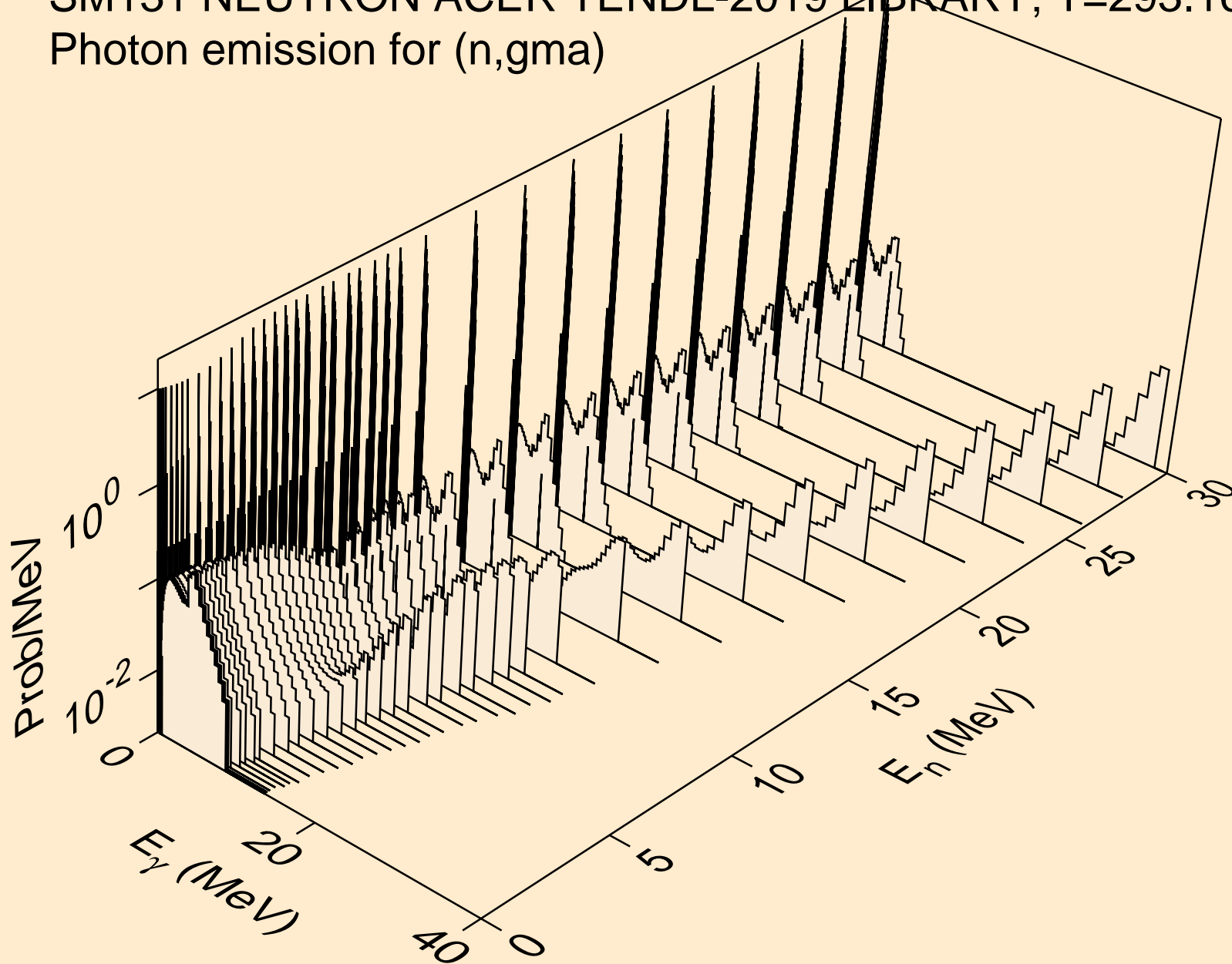
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



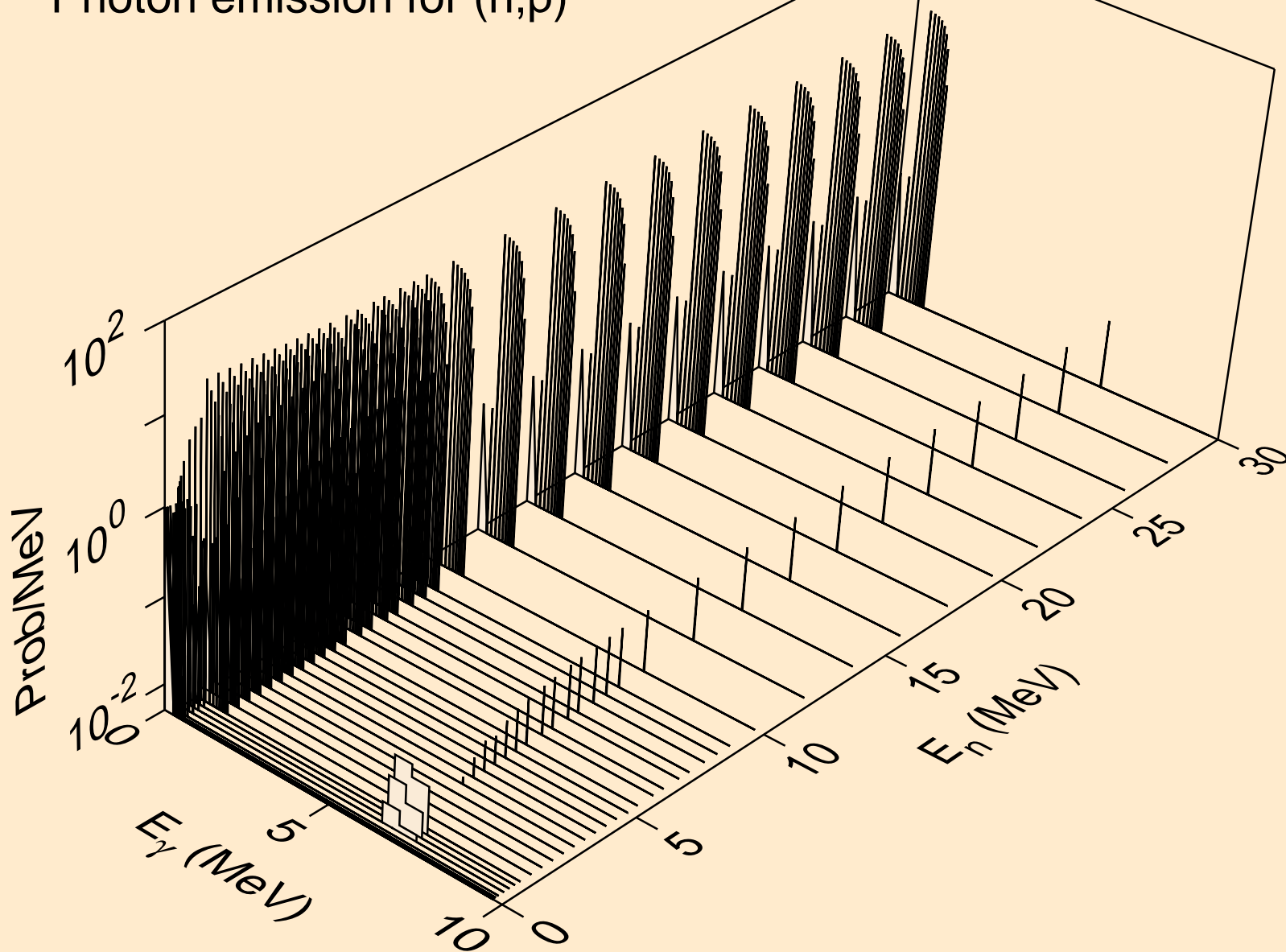
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



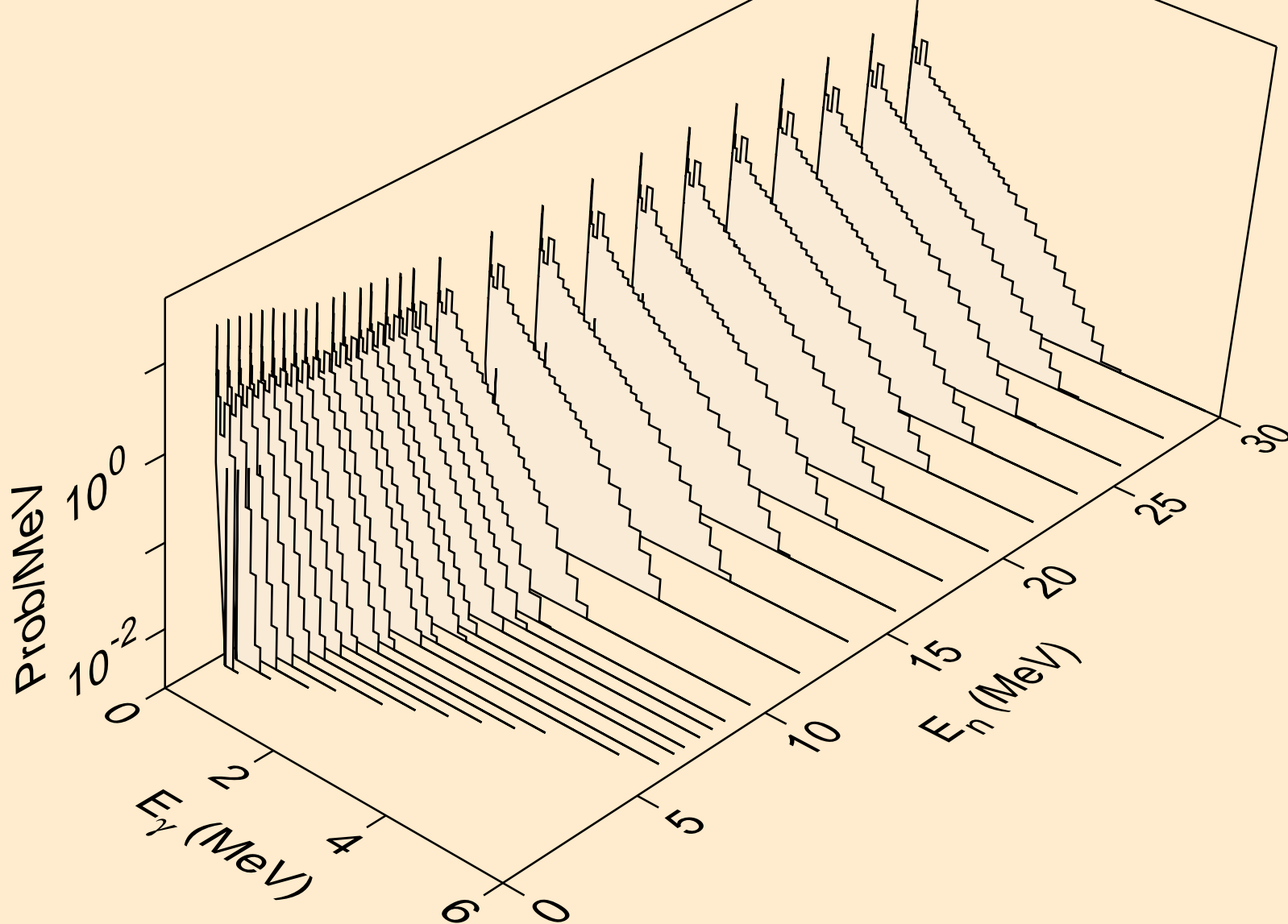
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



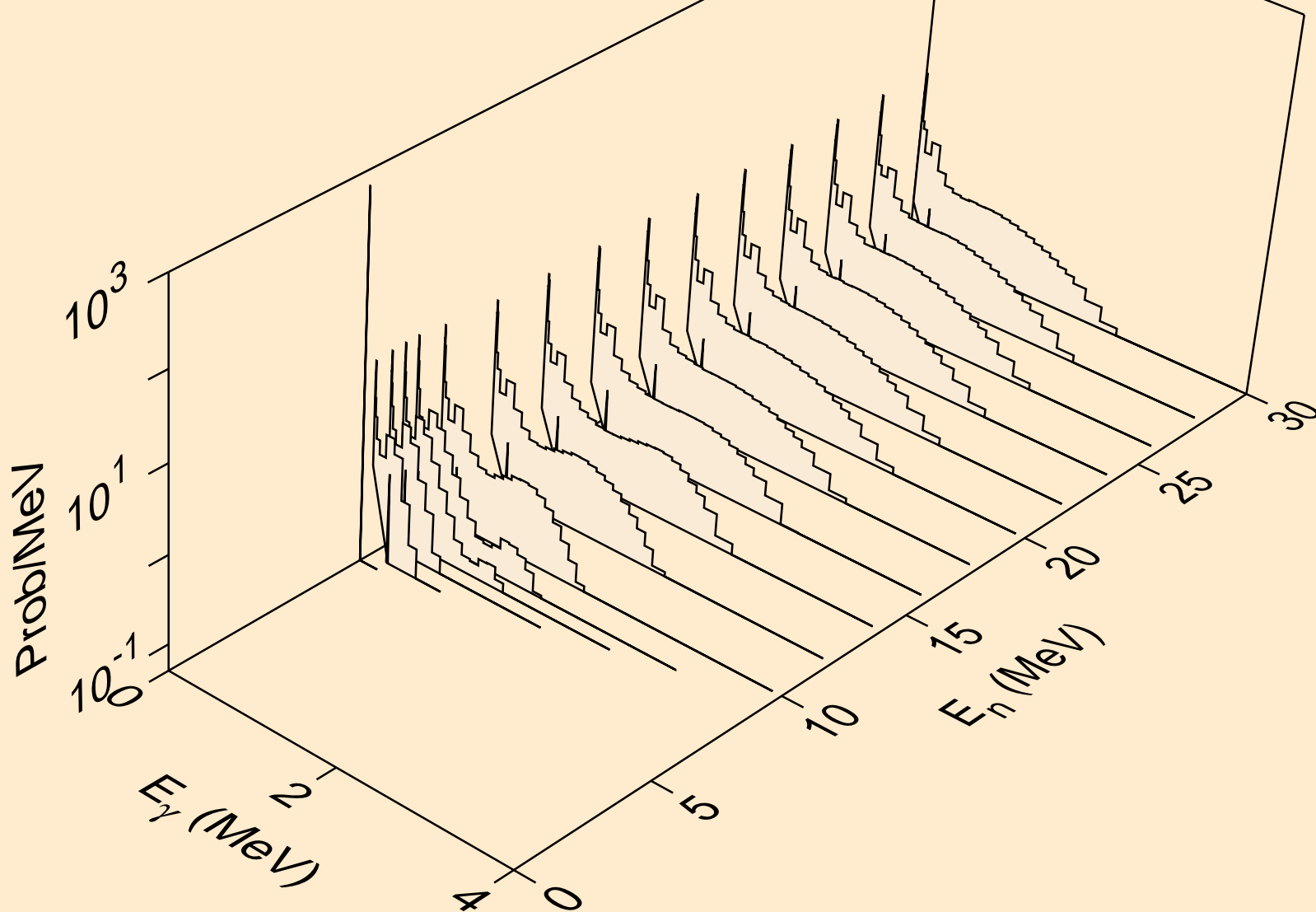
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



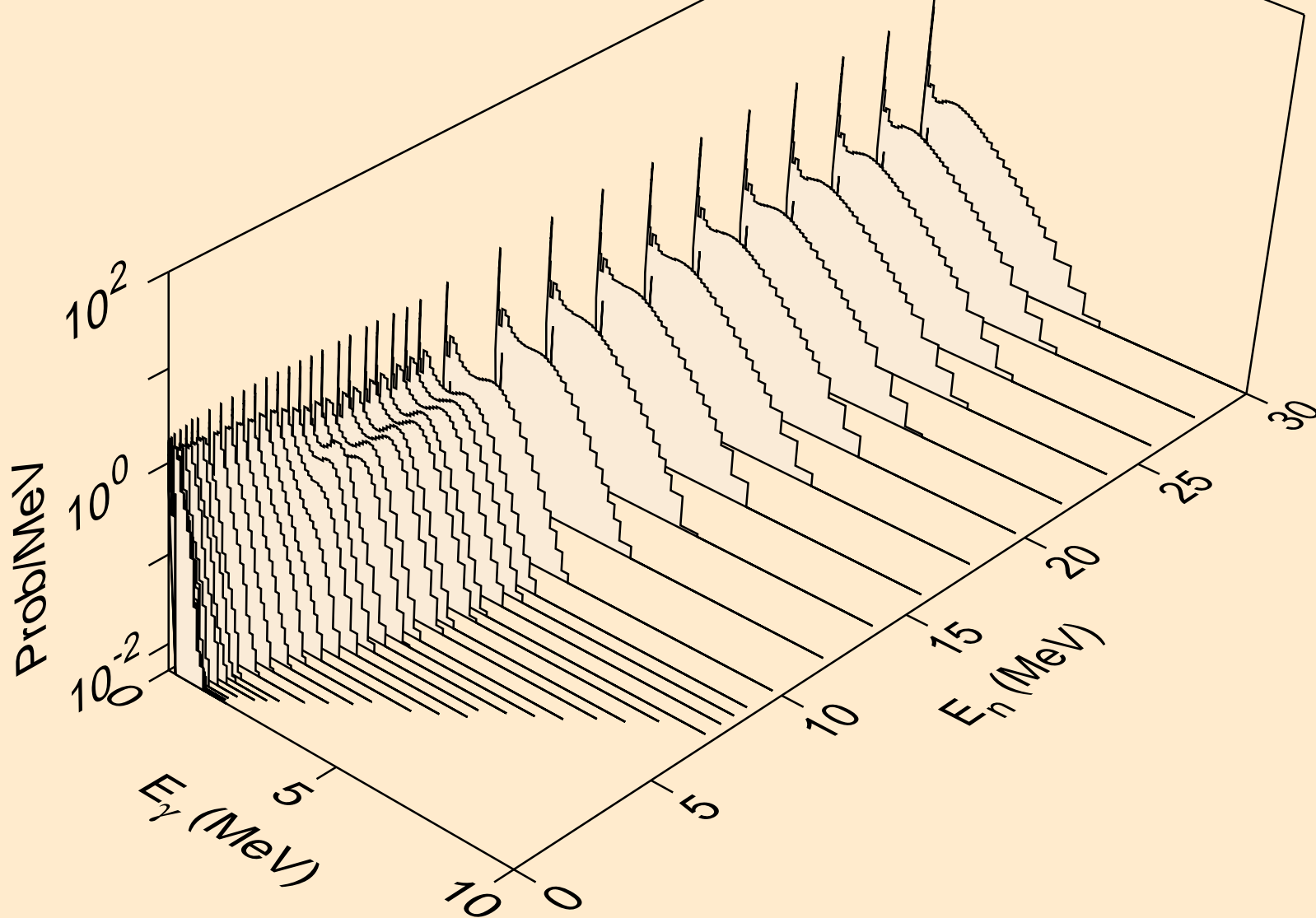
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



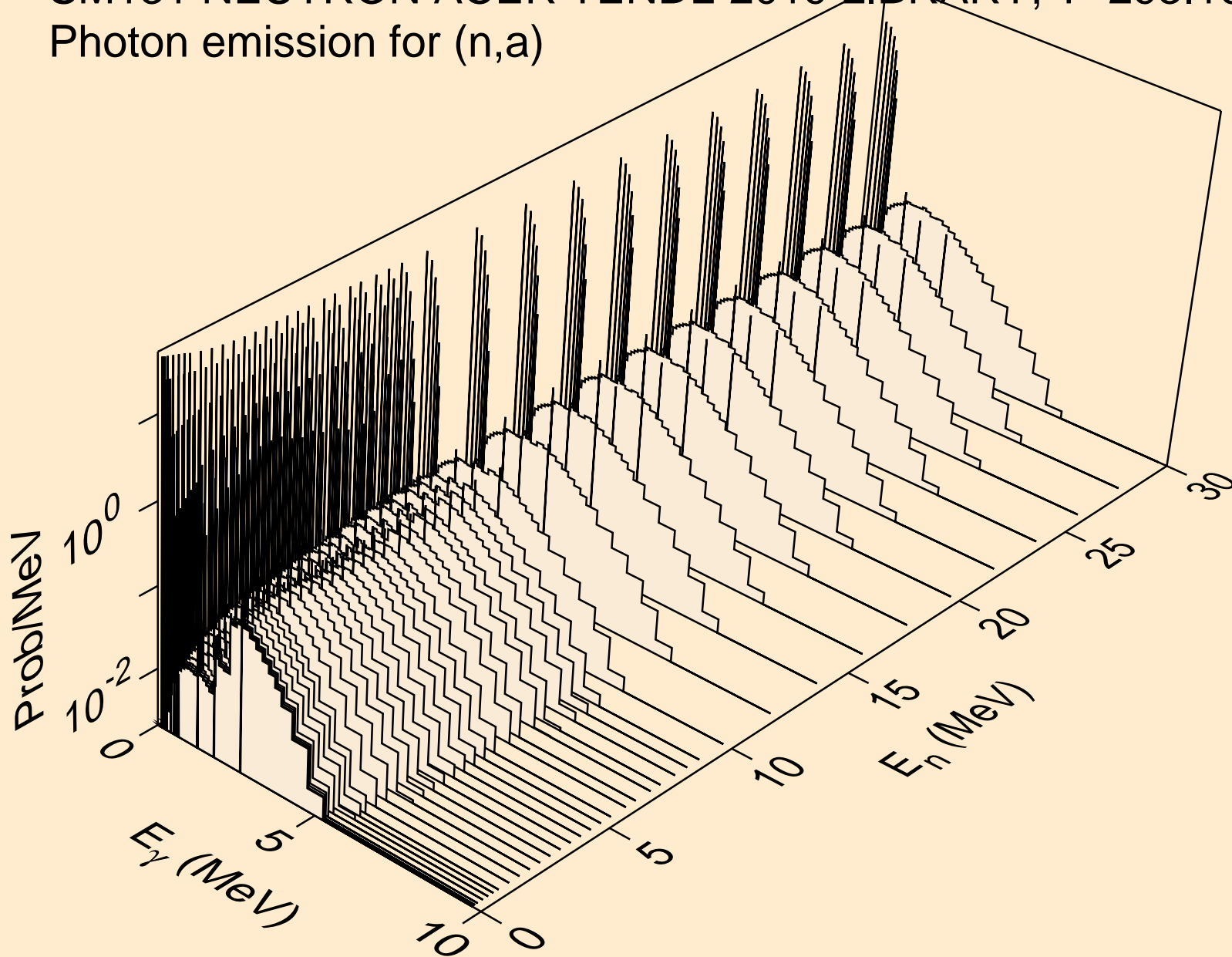
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



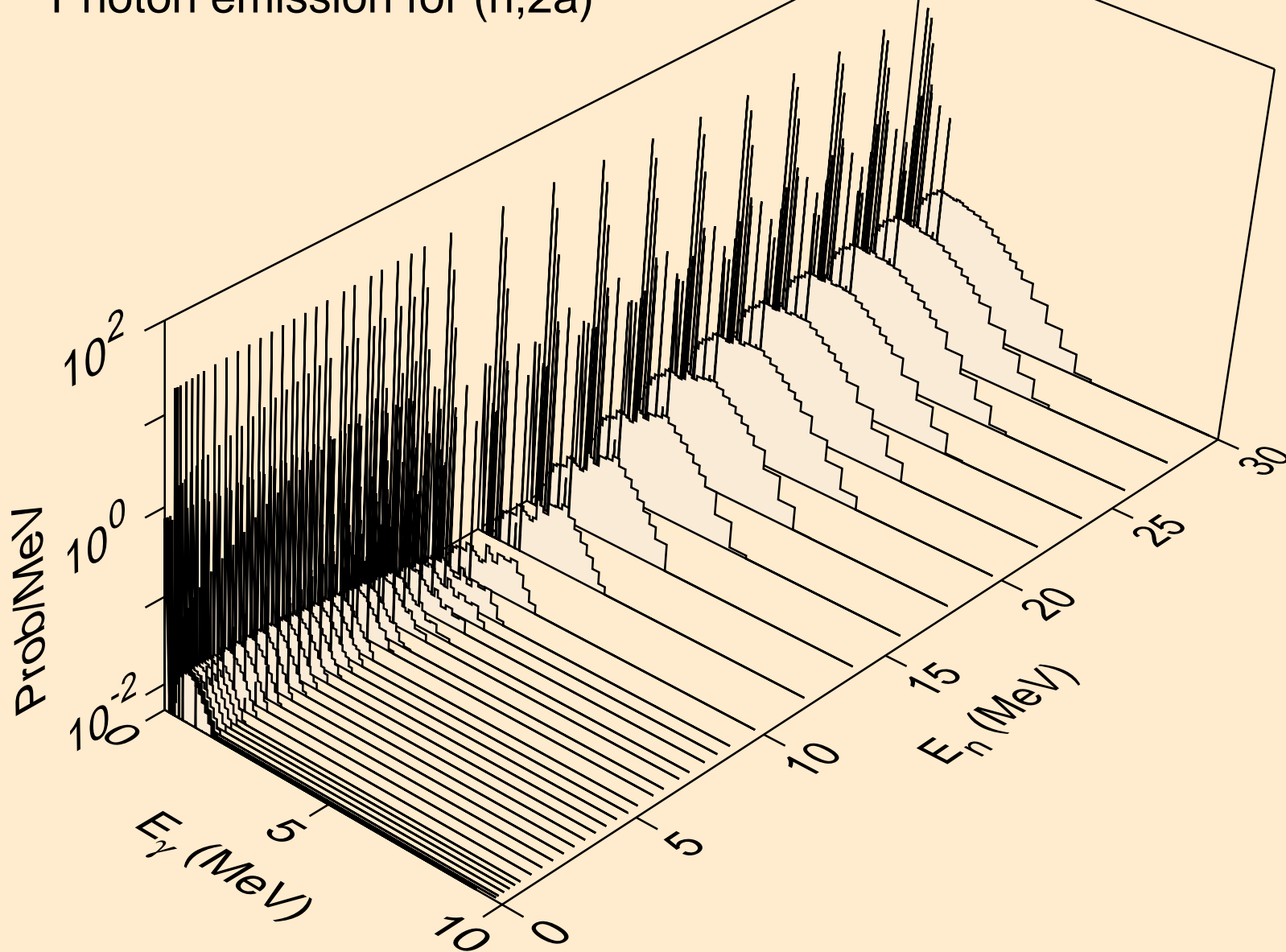
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



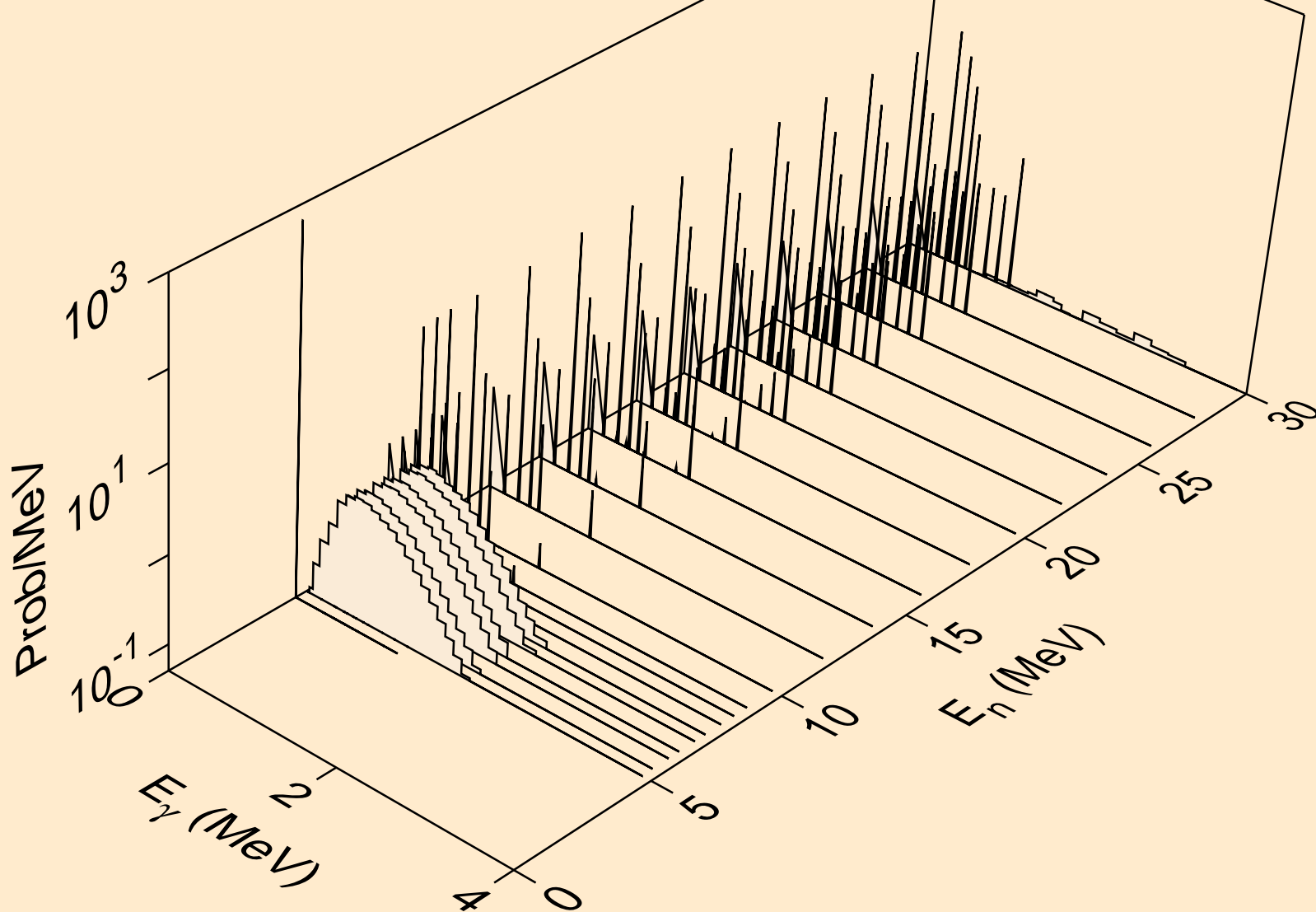
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



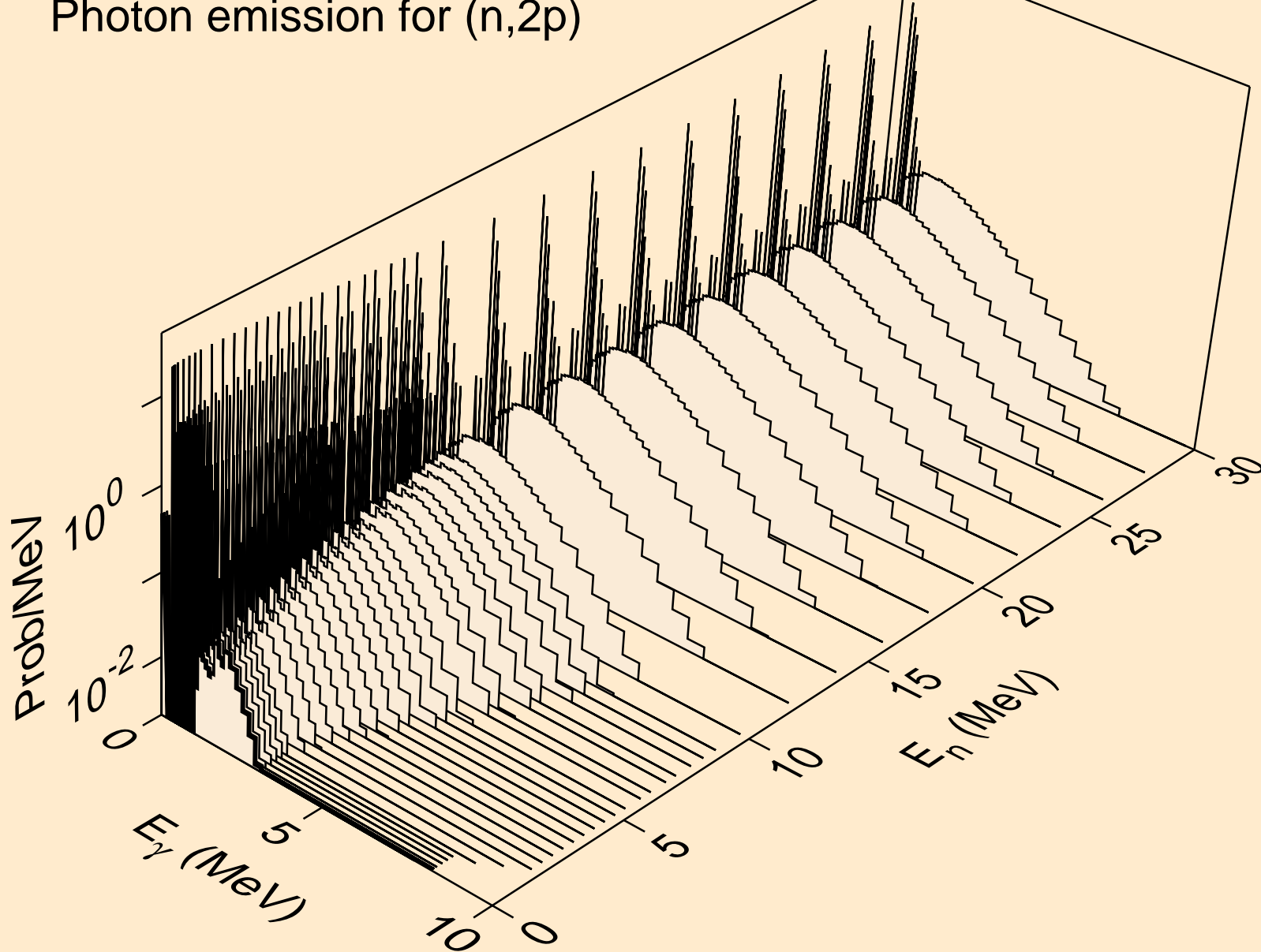
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



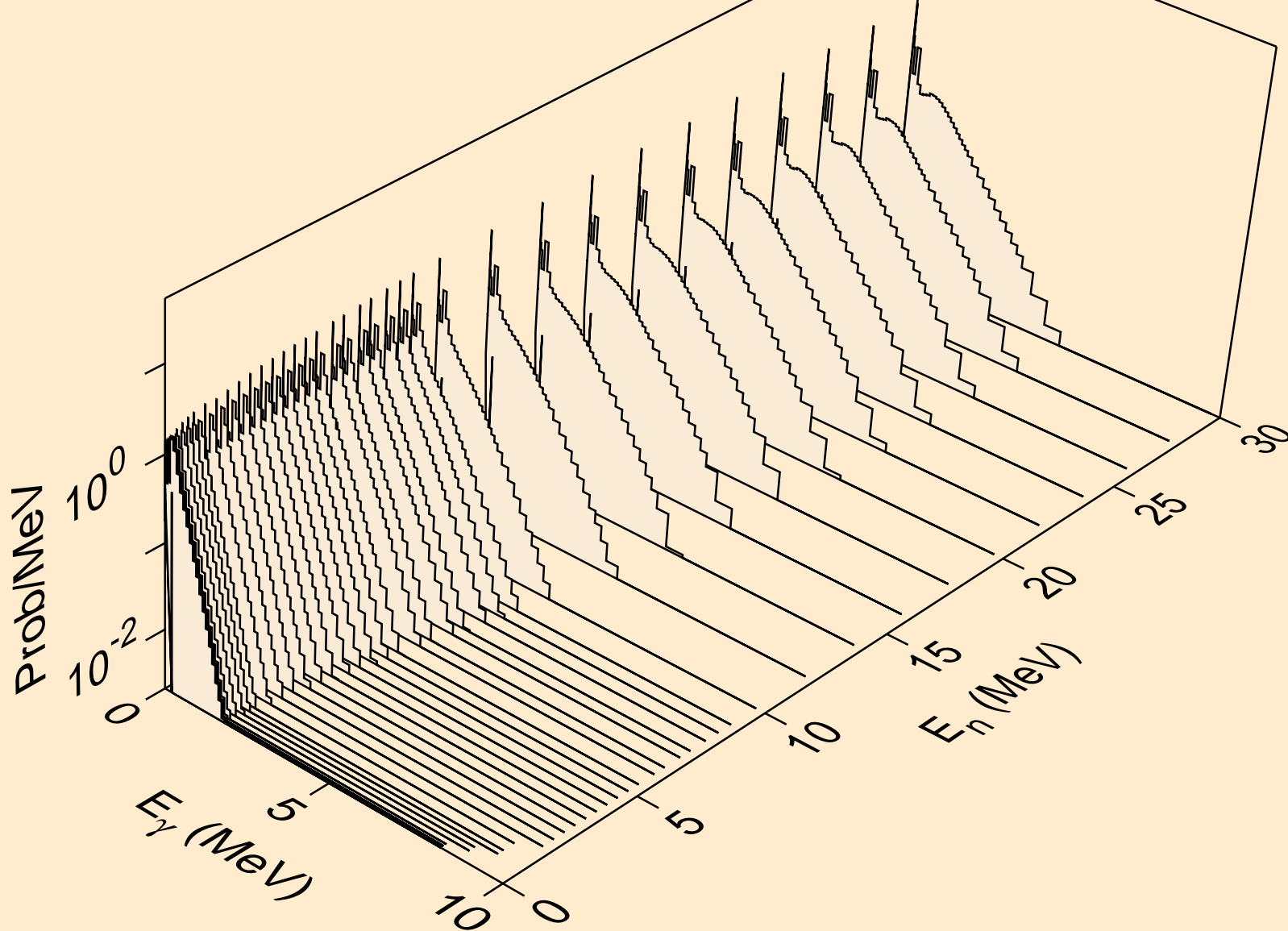
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



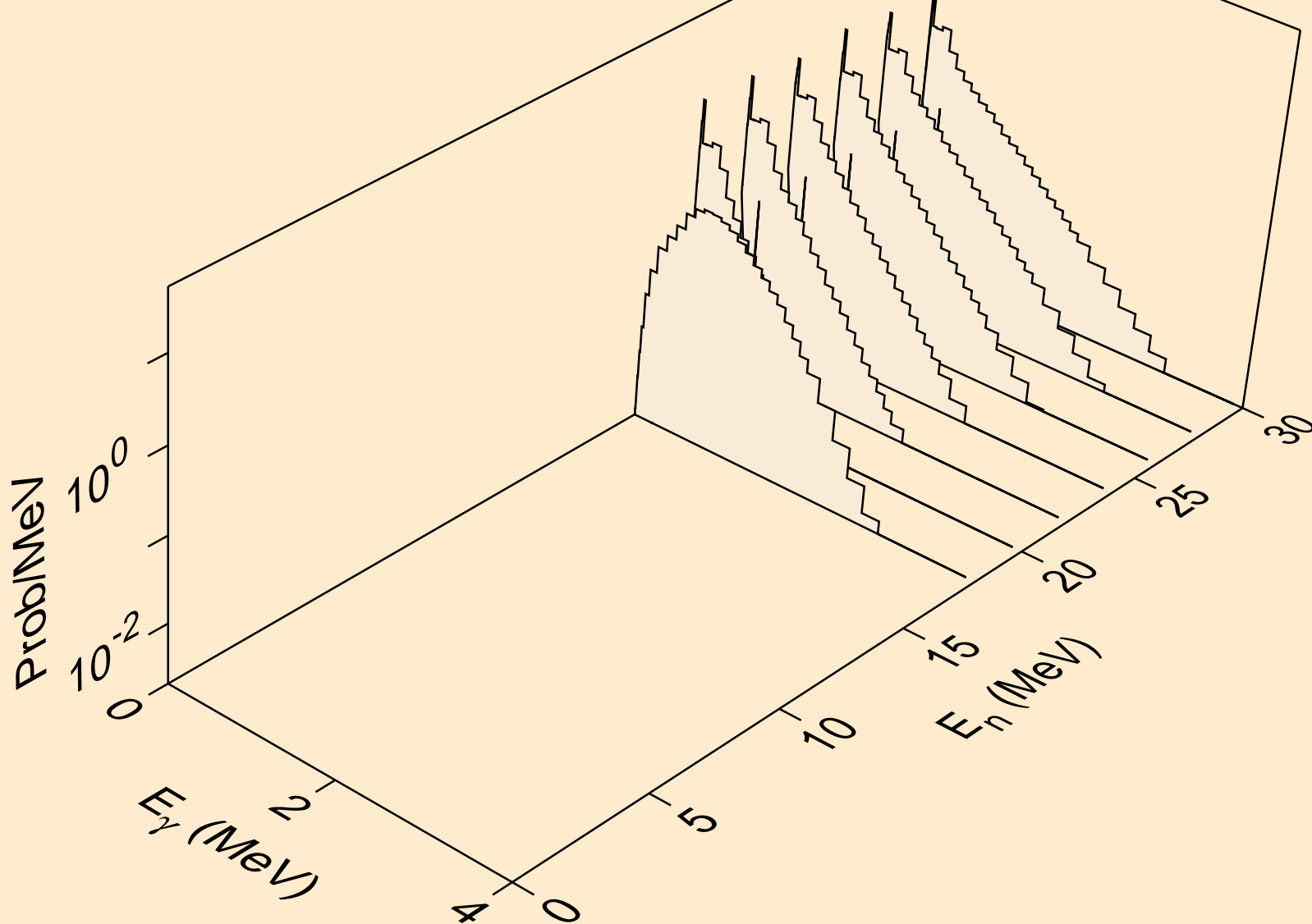
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



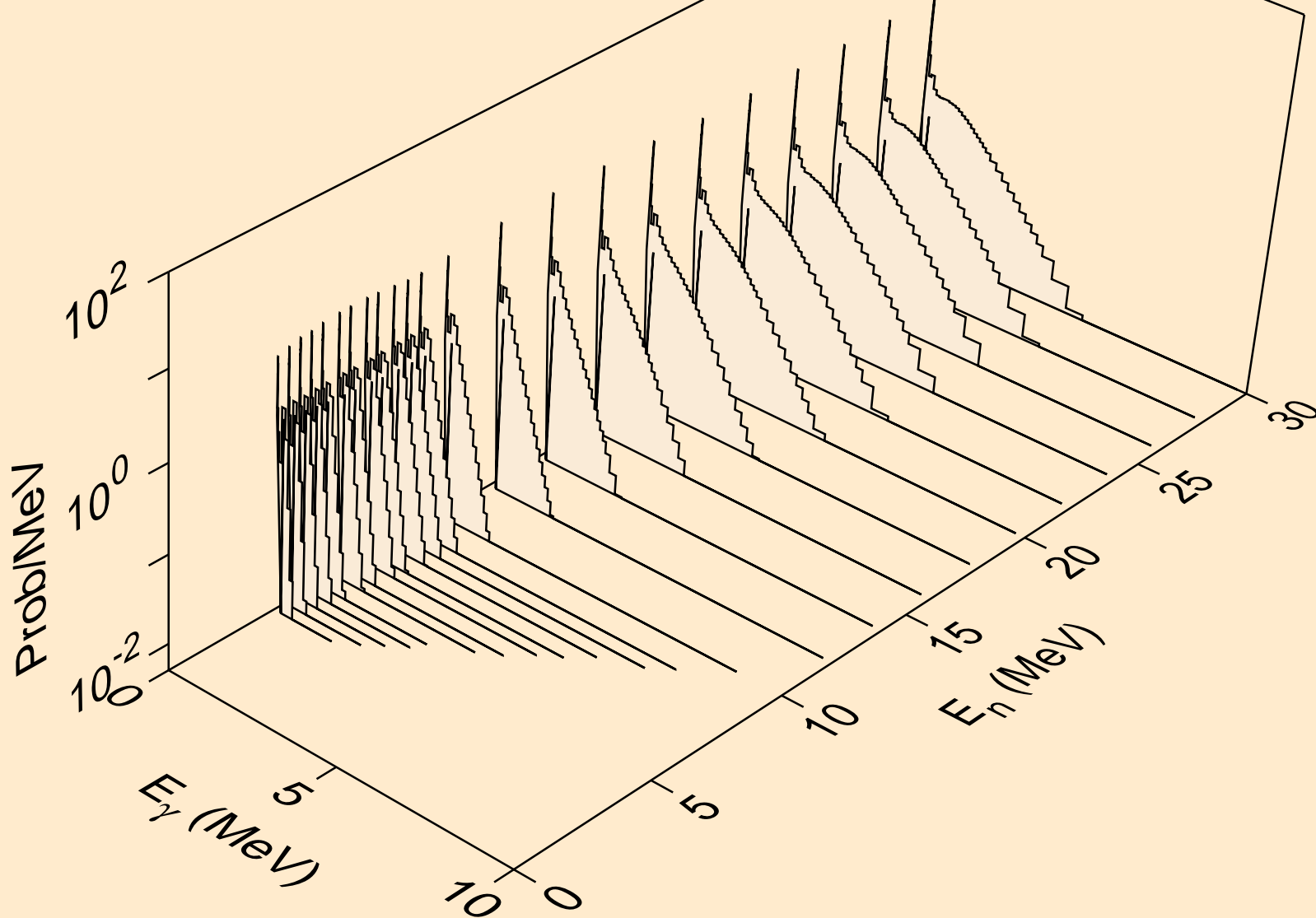
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



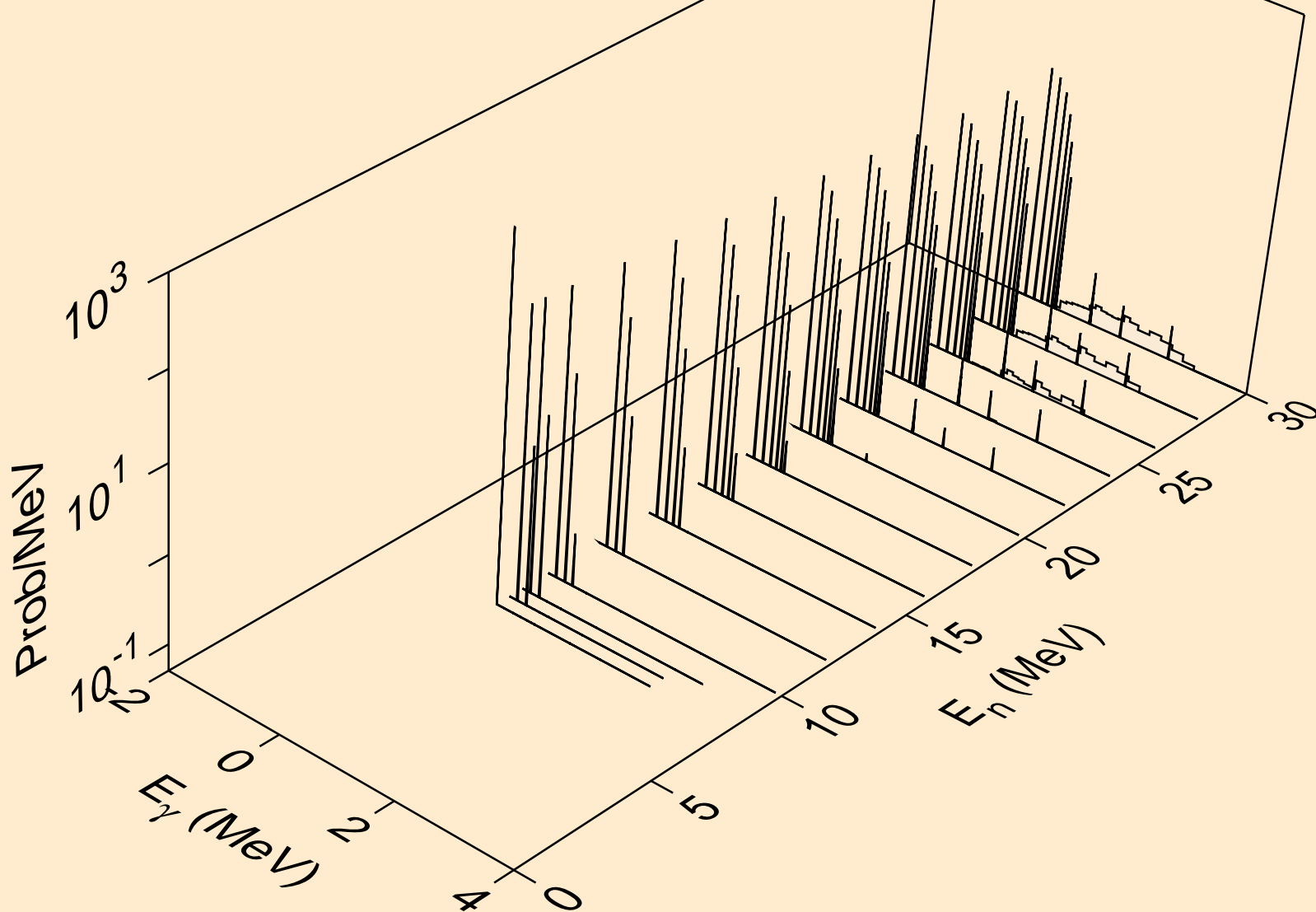
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d2a)



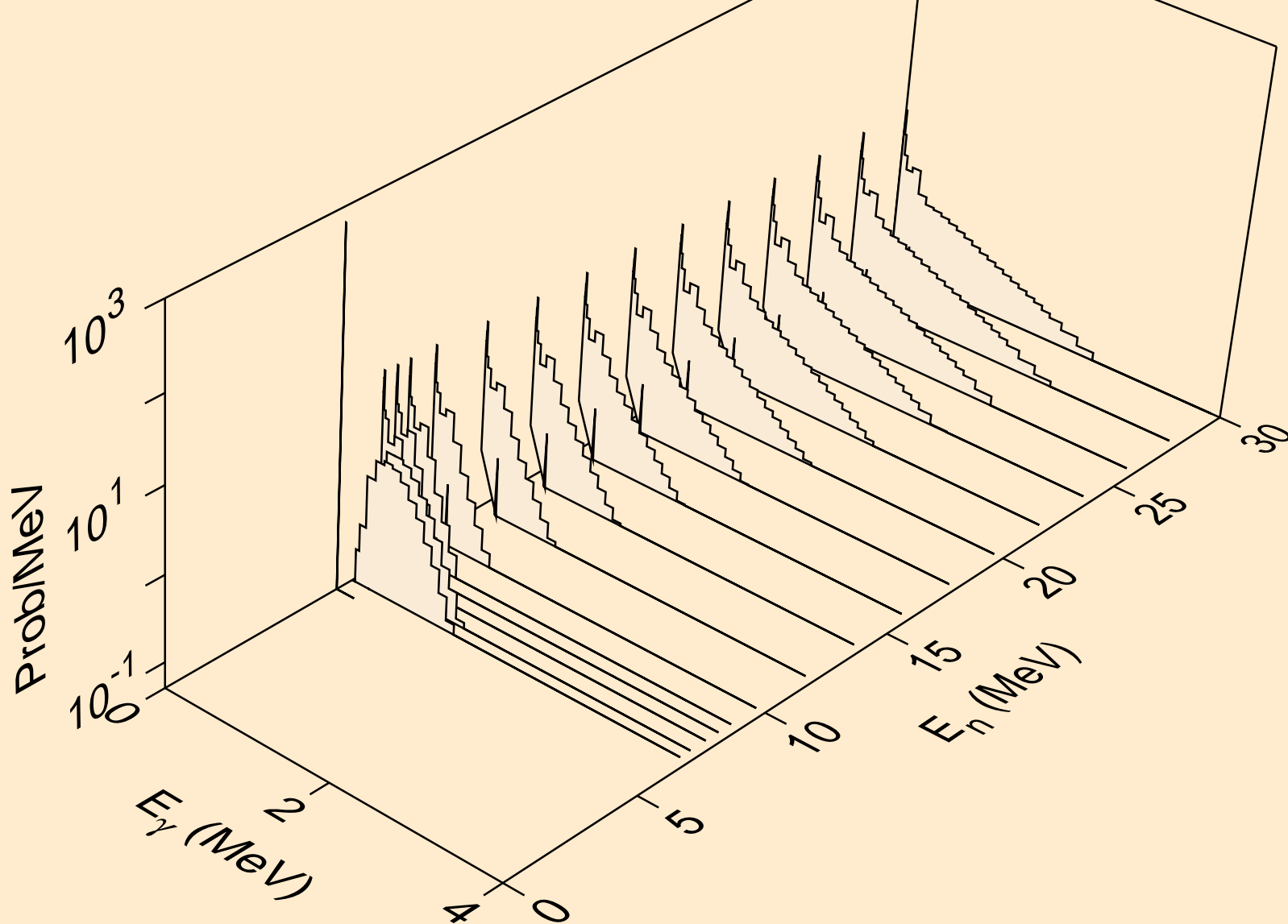
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



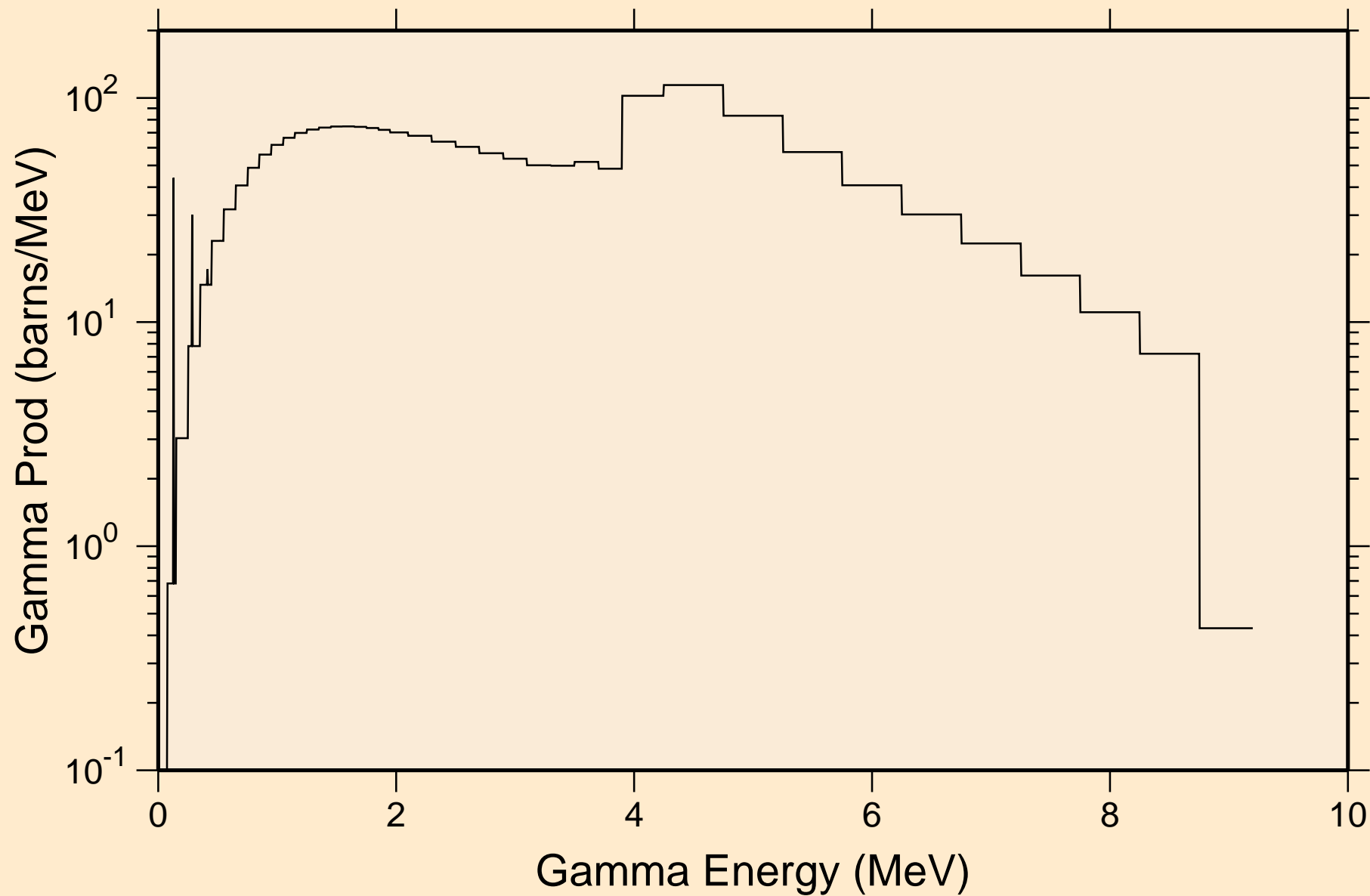
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



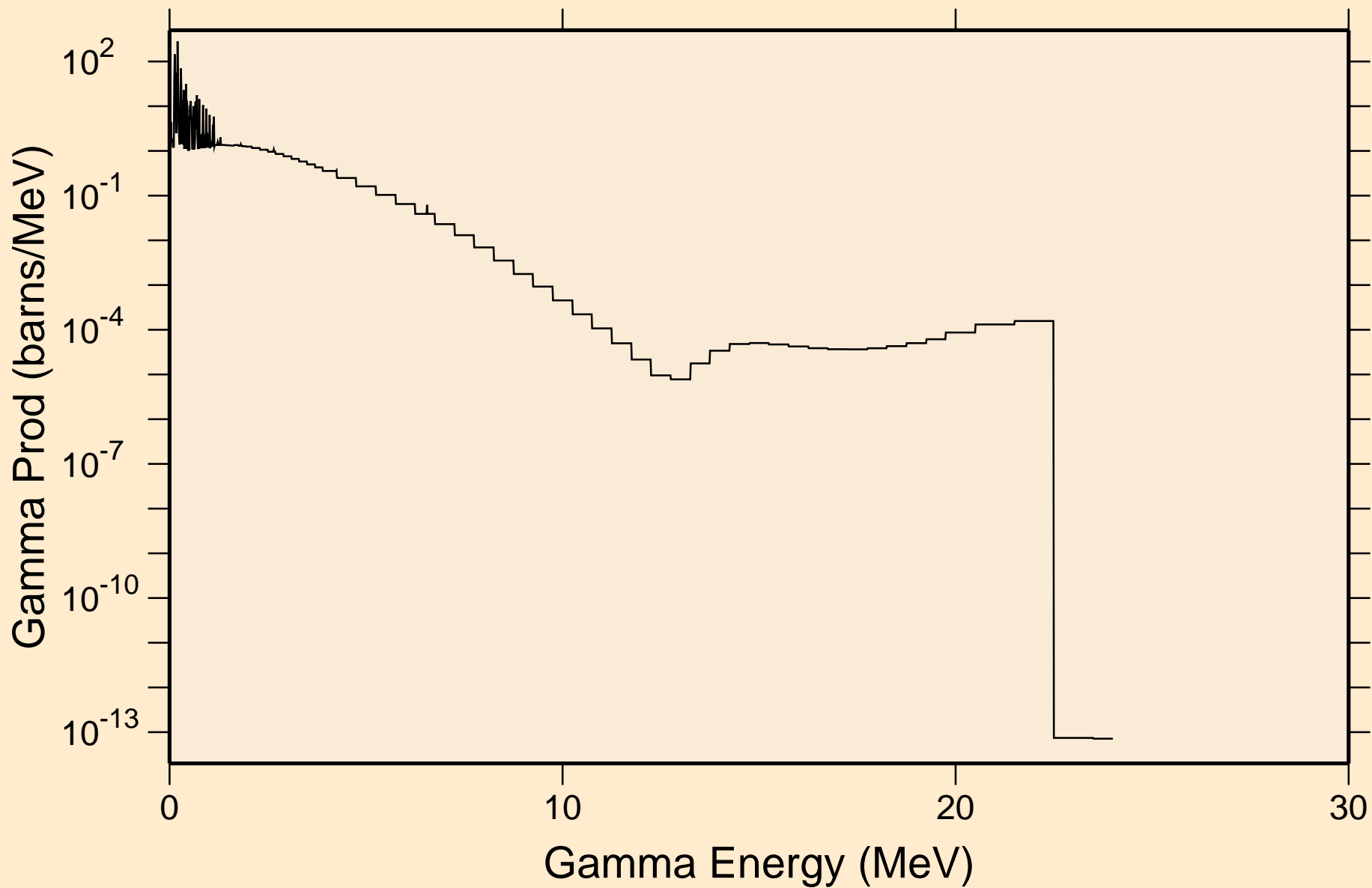
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

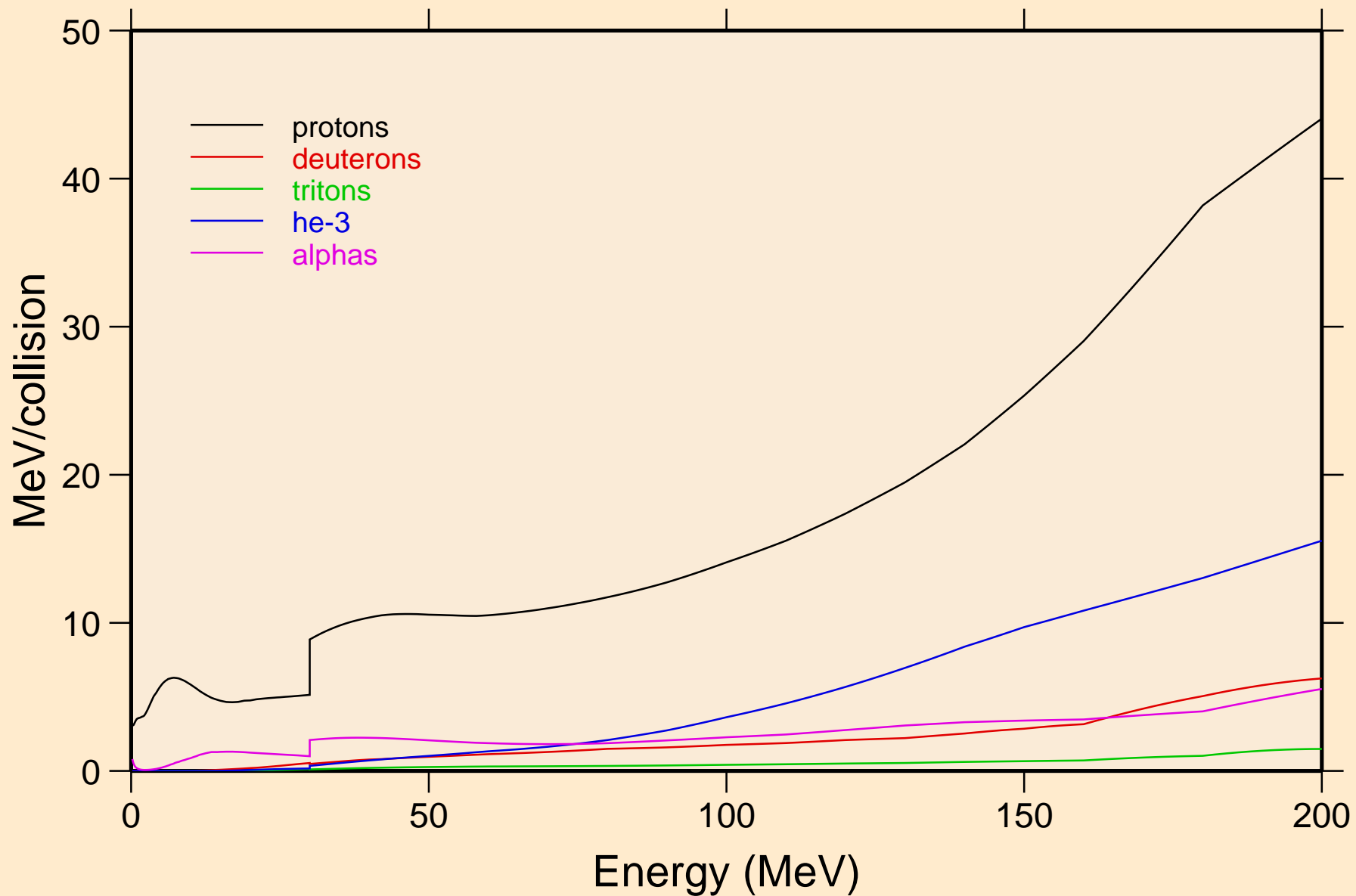


SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

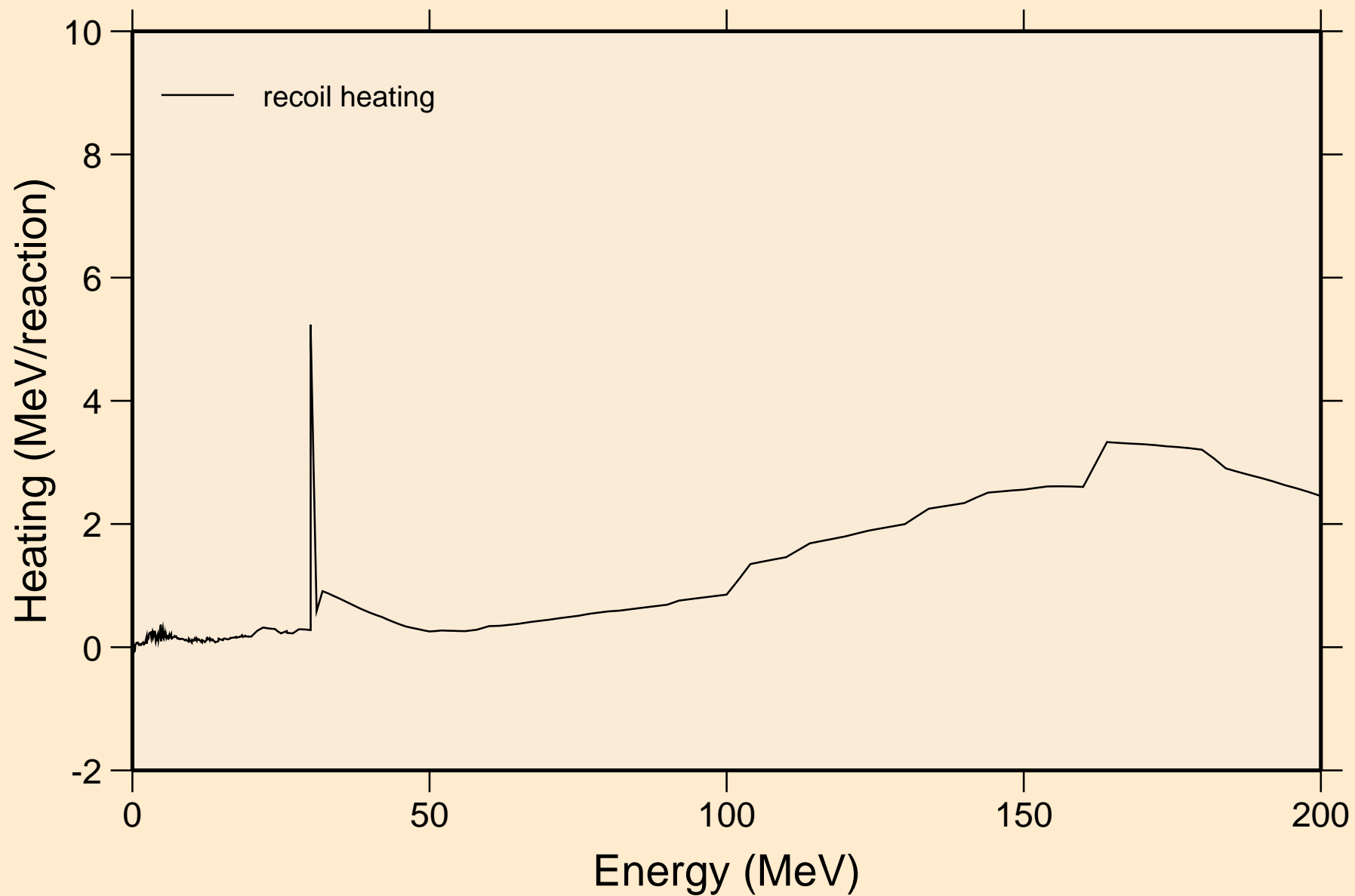


SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Particle heating contributions

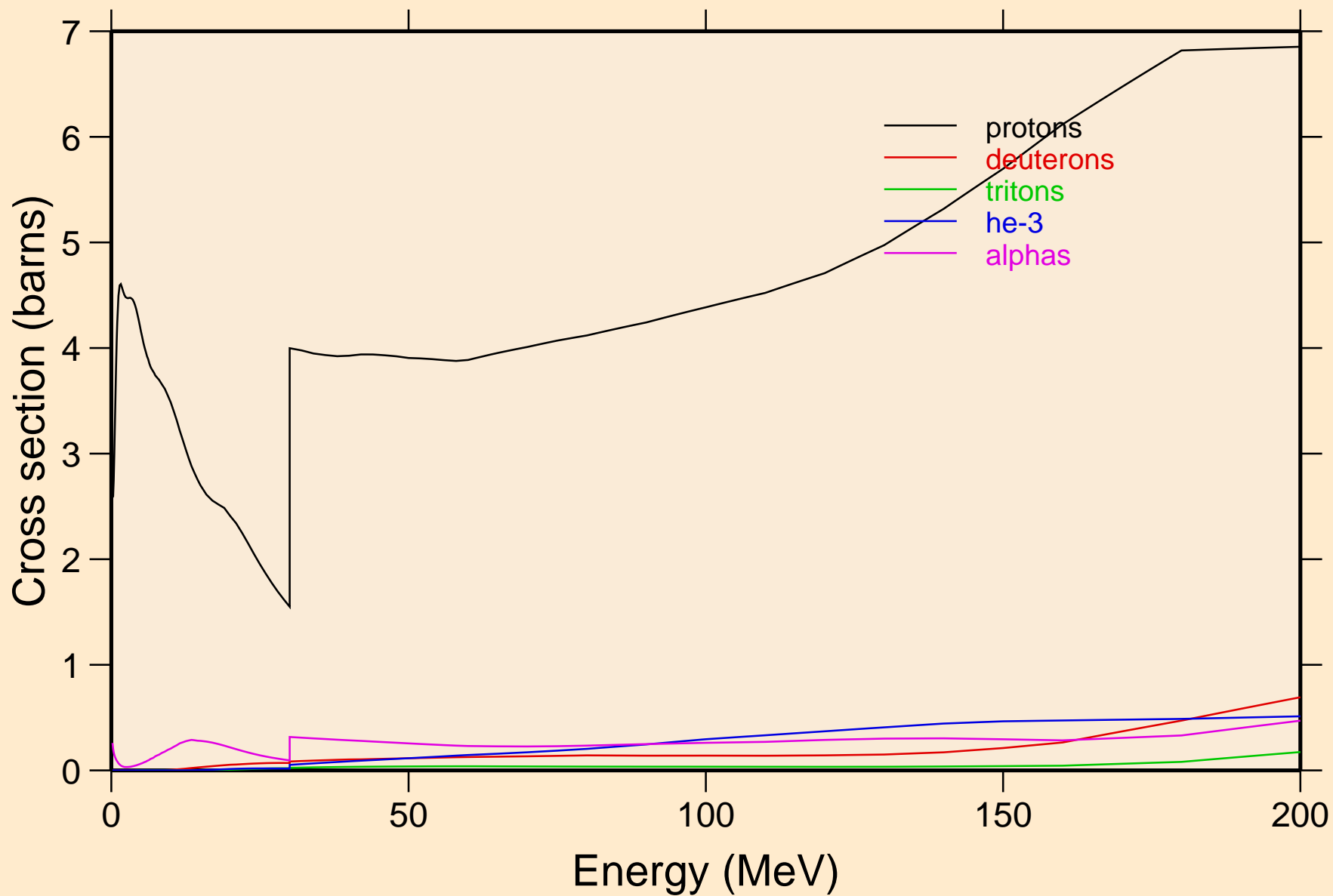


SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

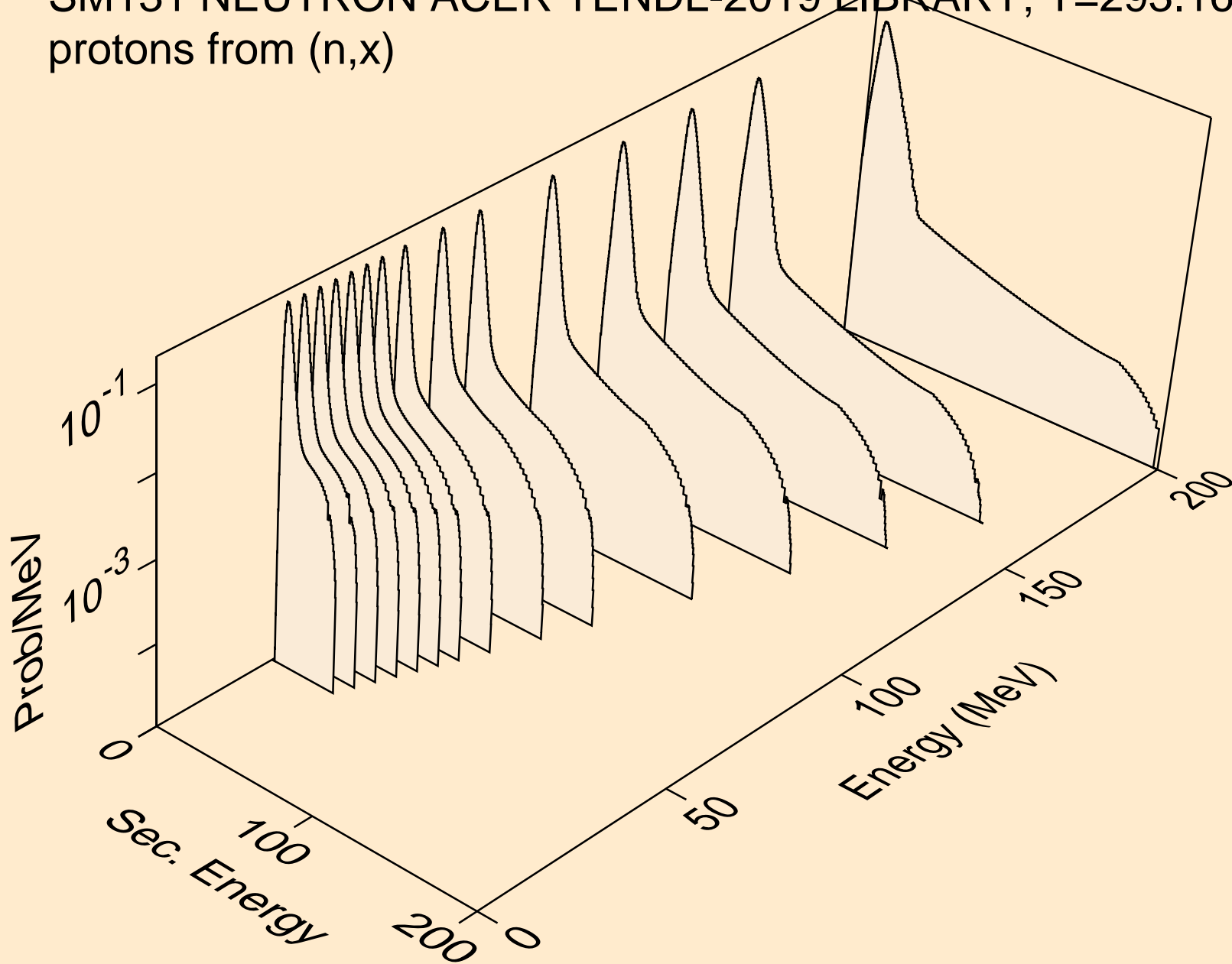


SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

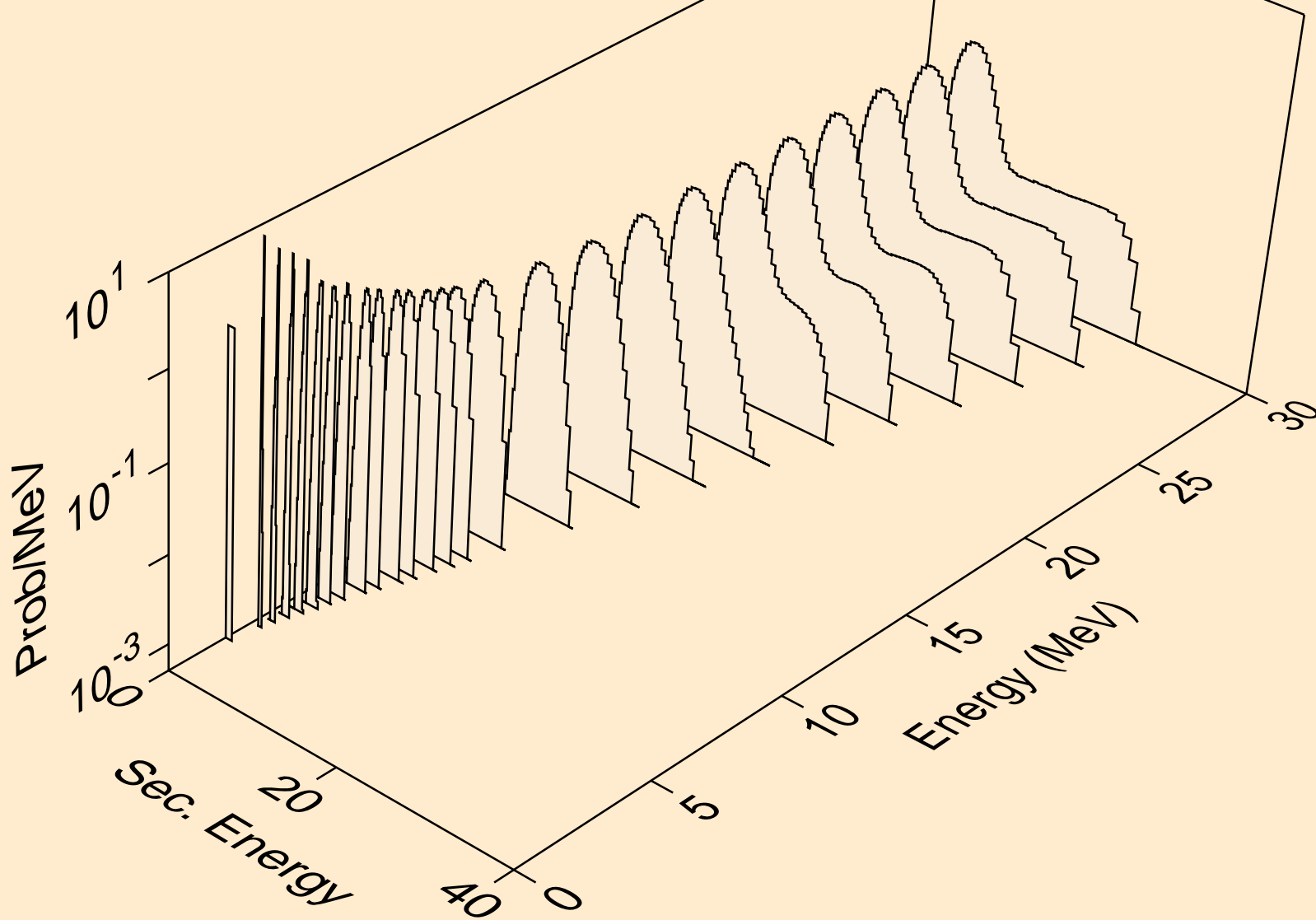
Particle production cross sections



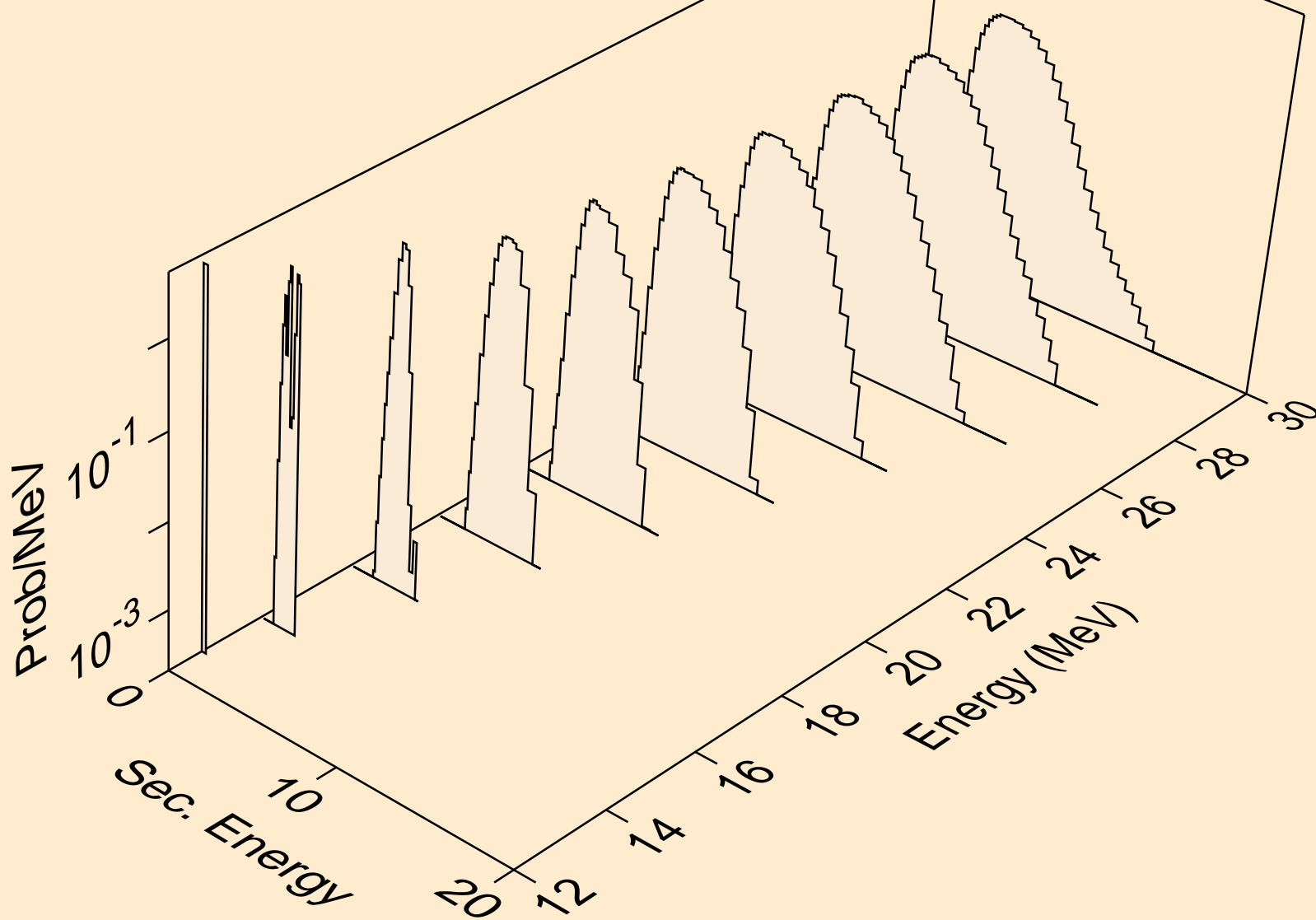
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



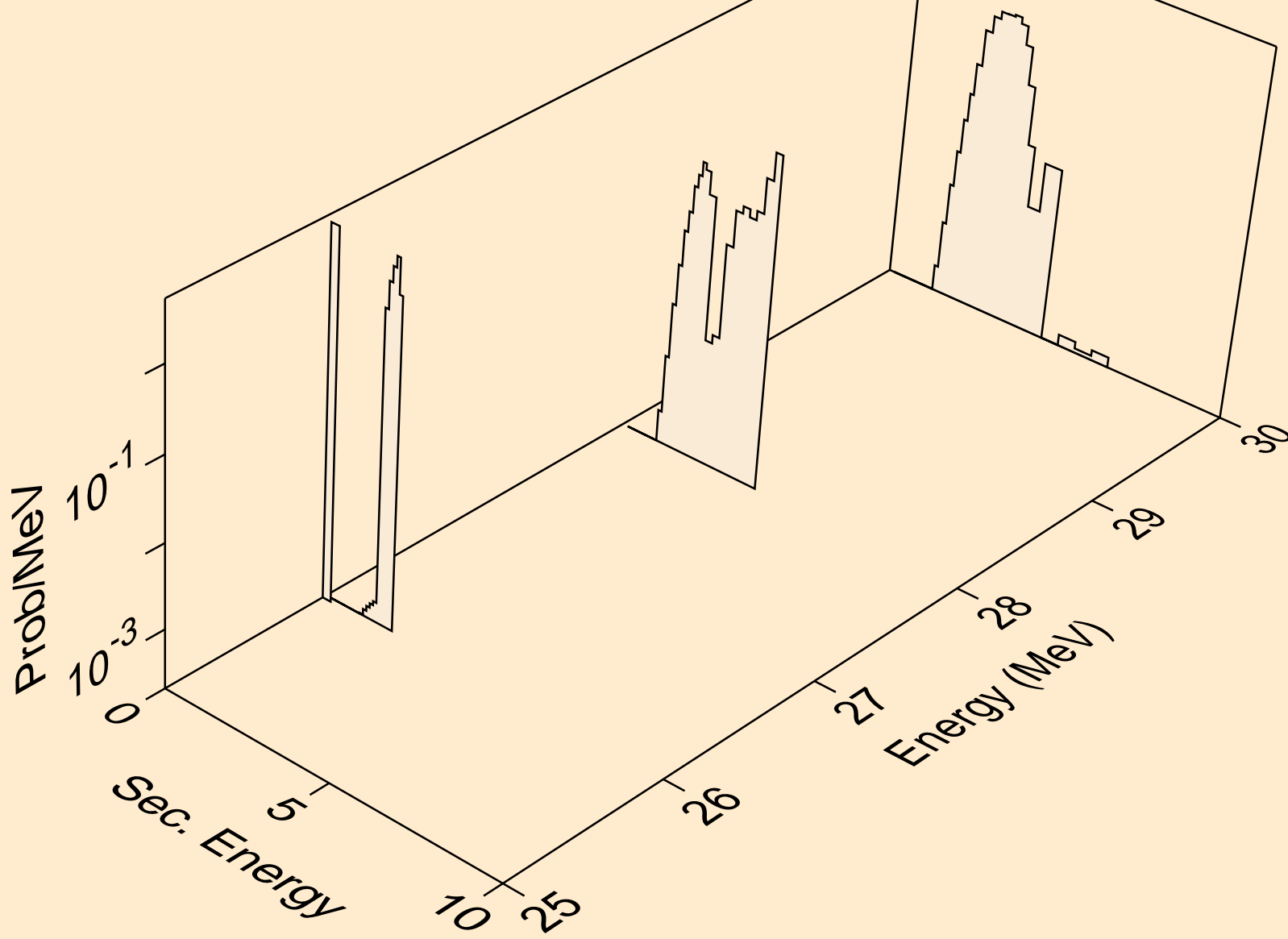
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



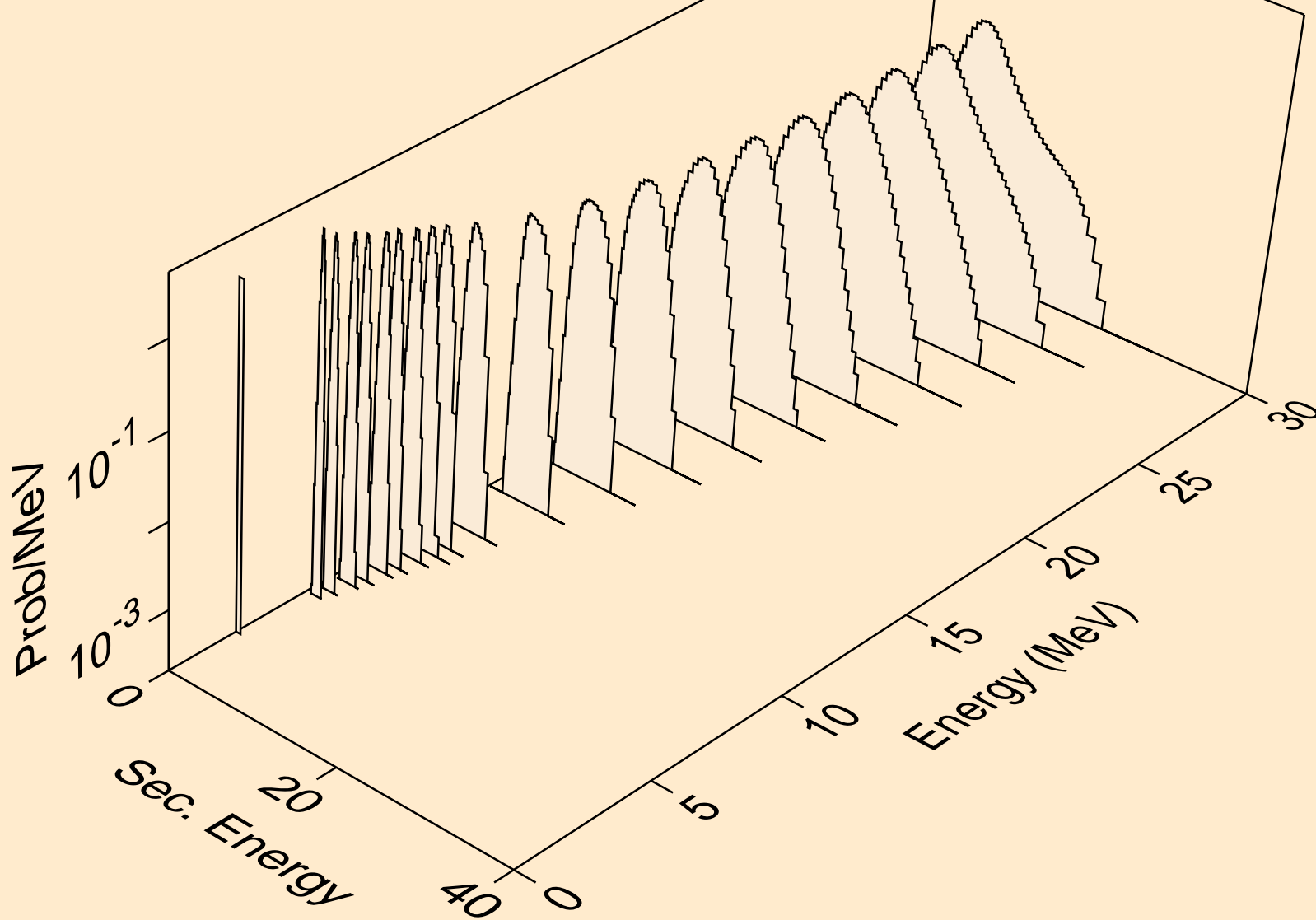
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



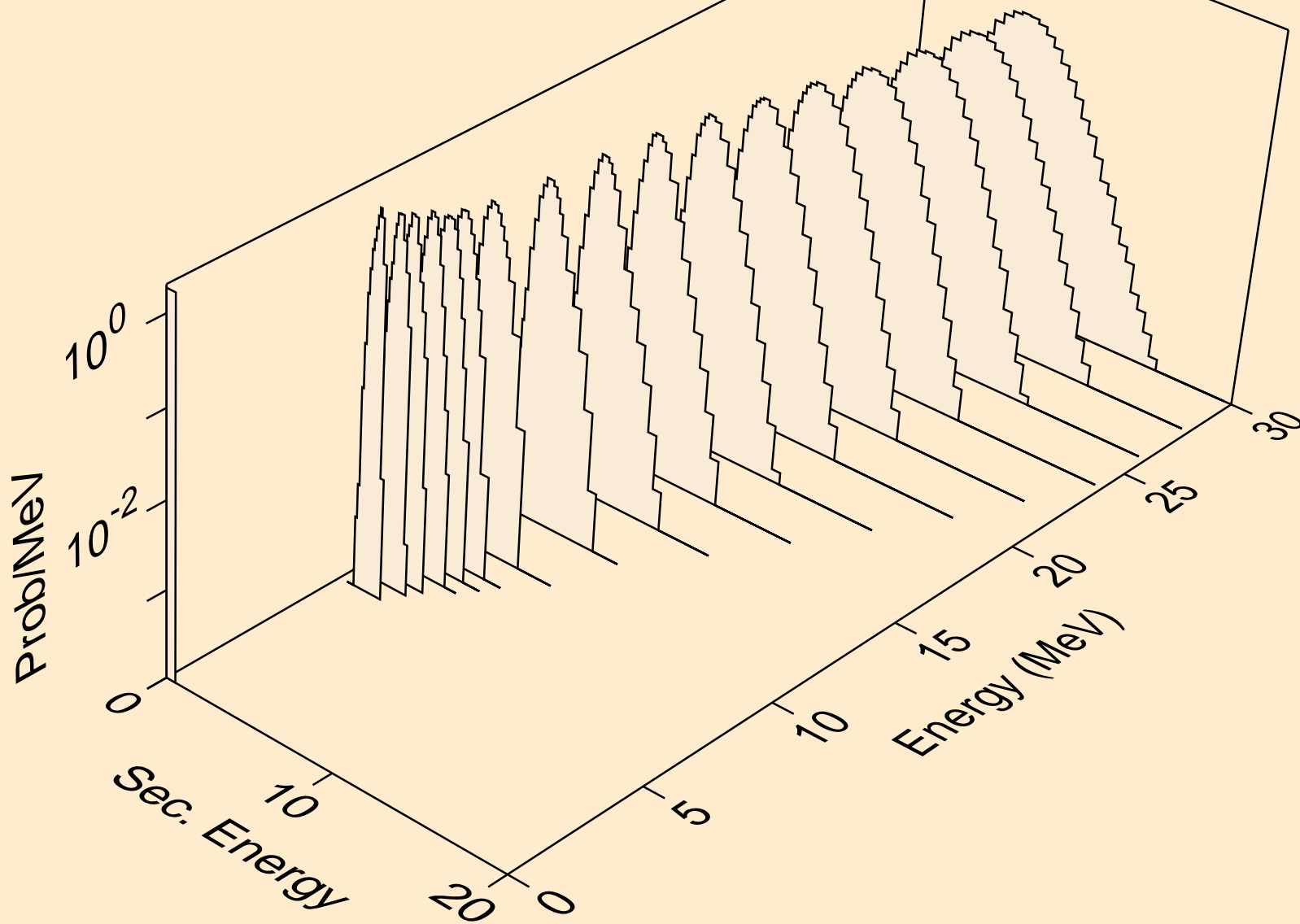
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



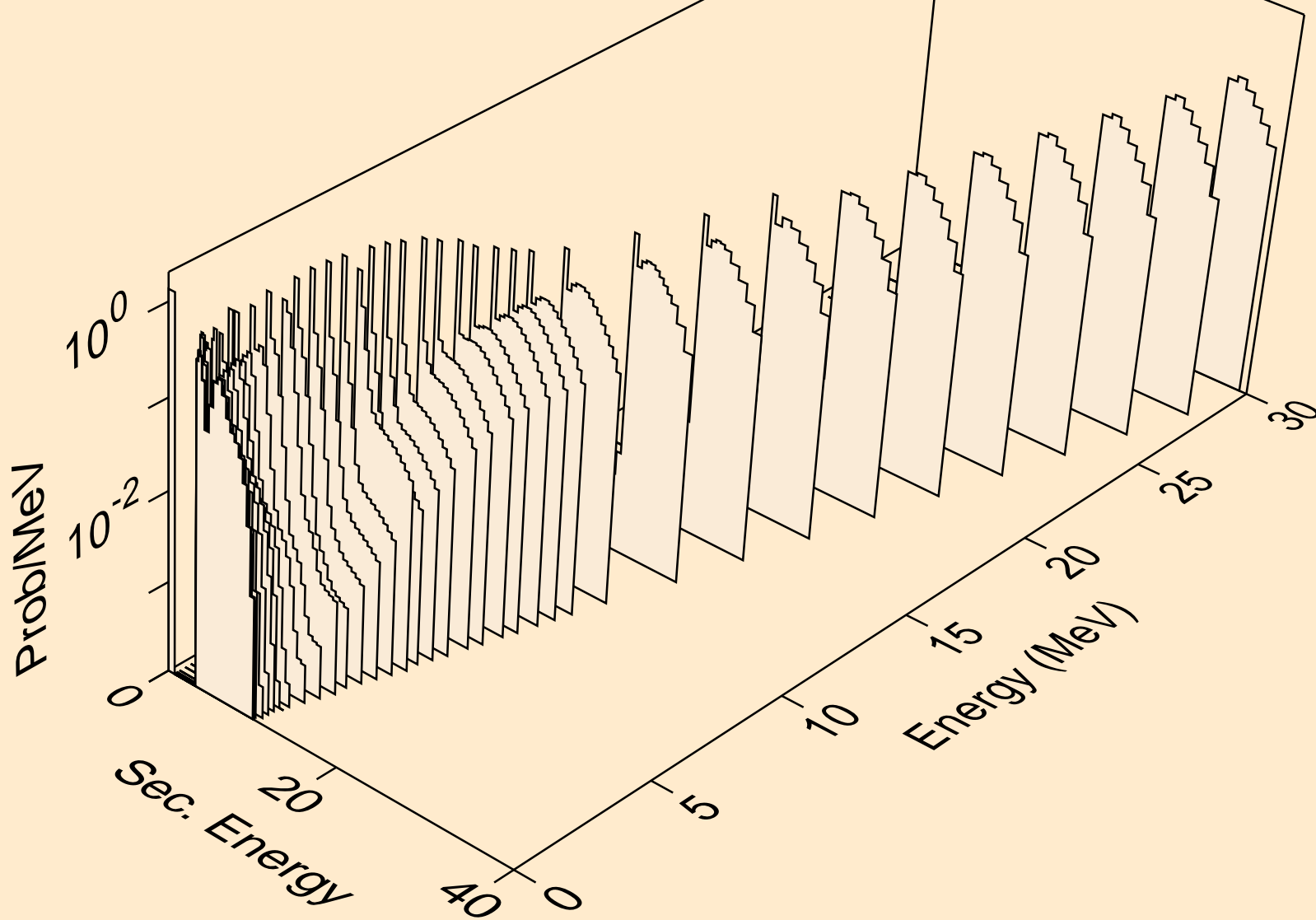
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



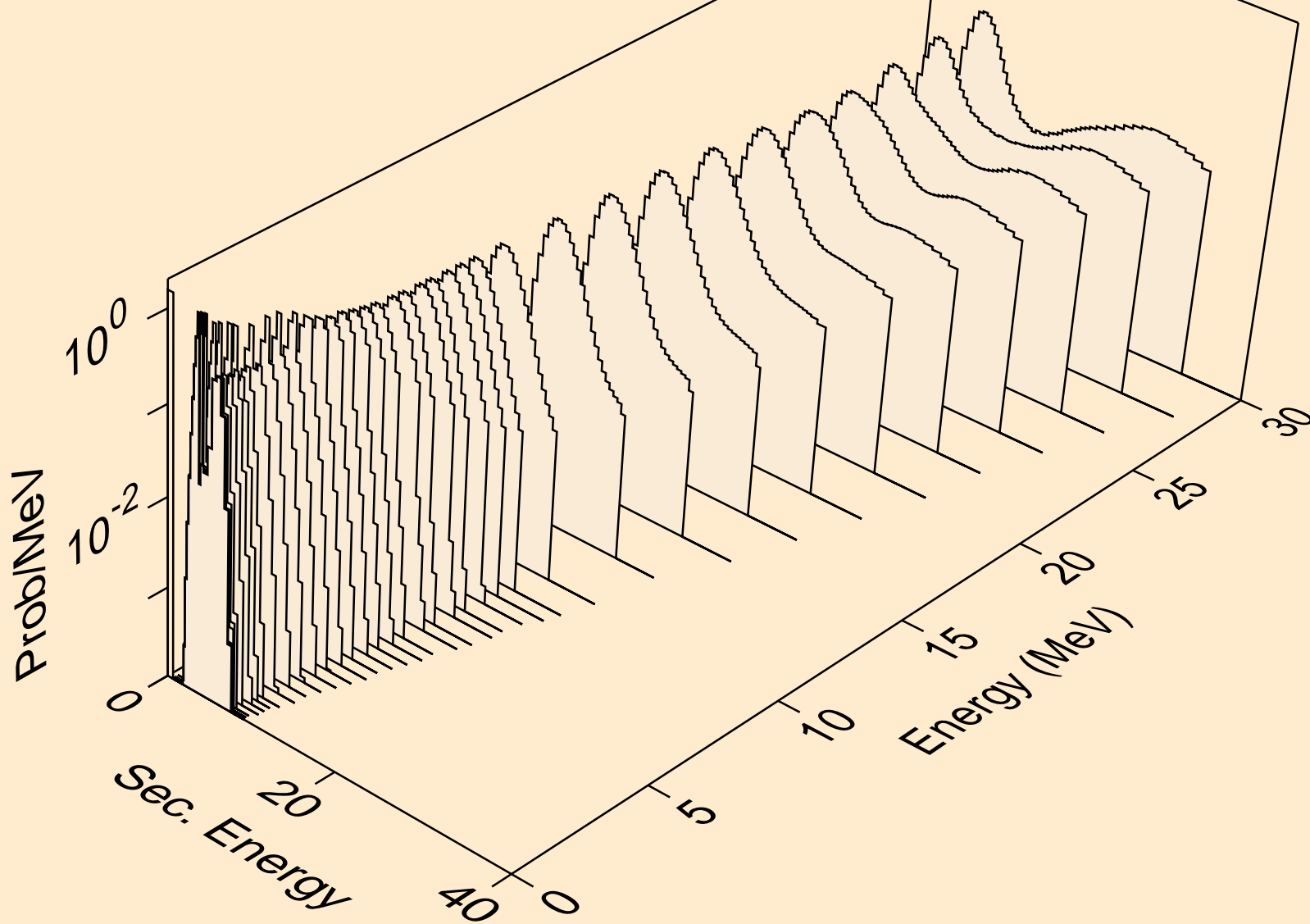
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



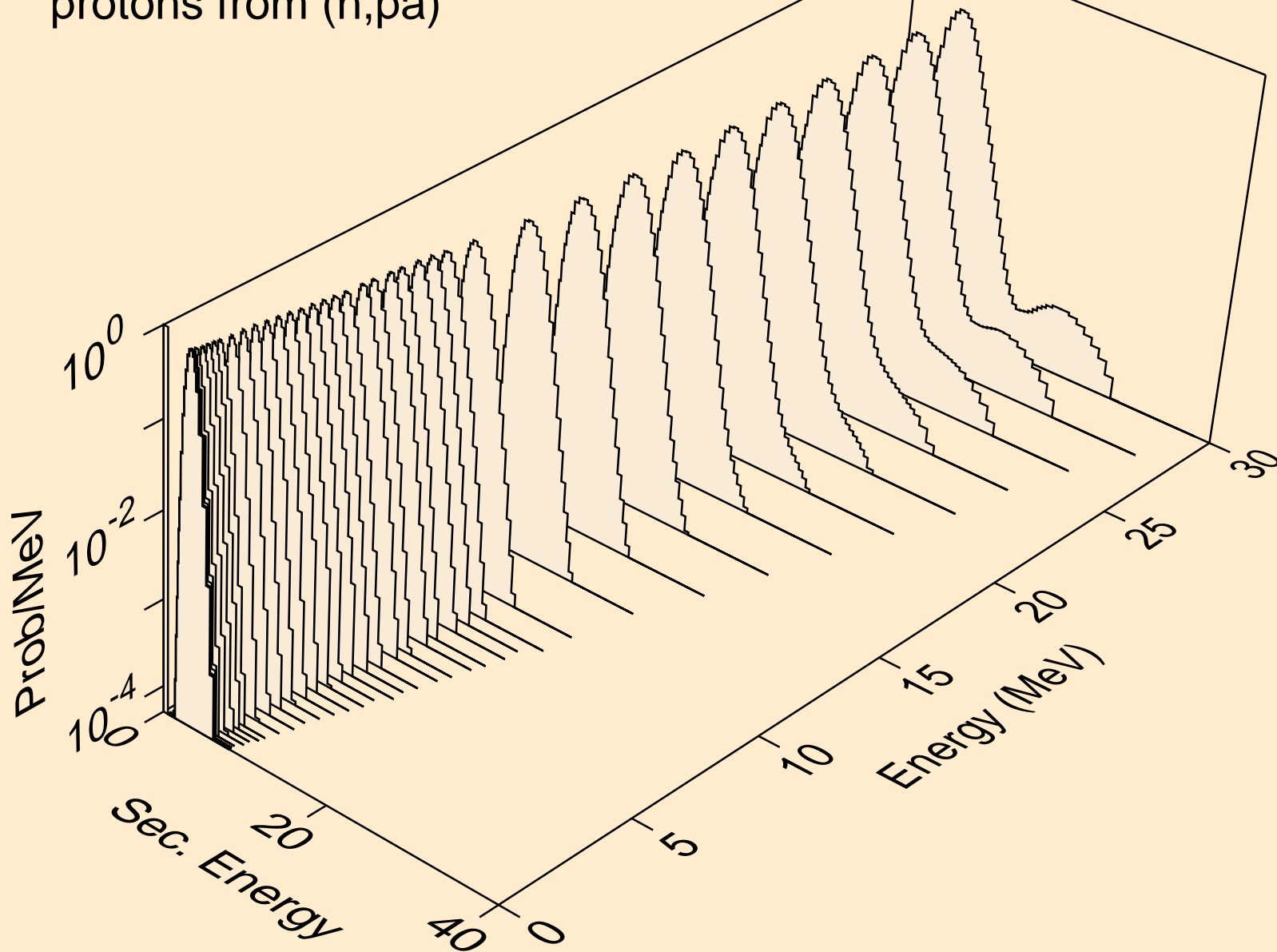
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



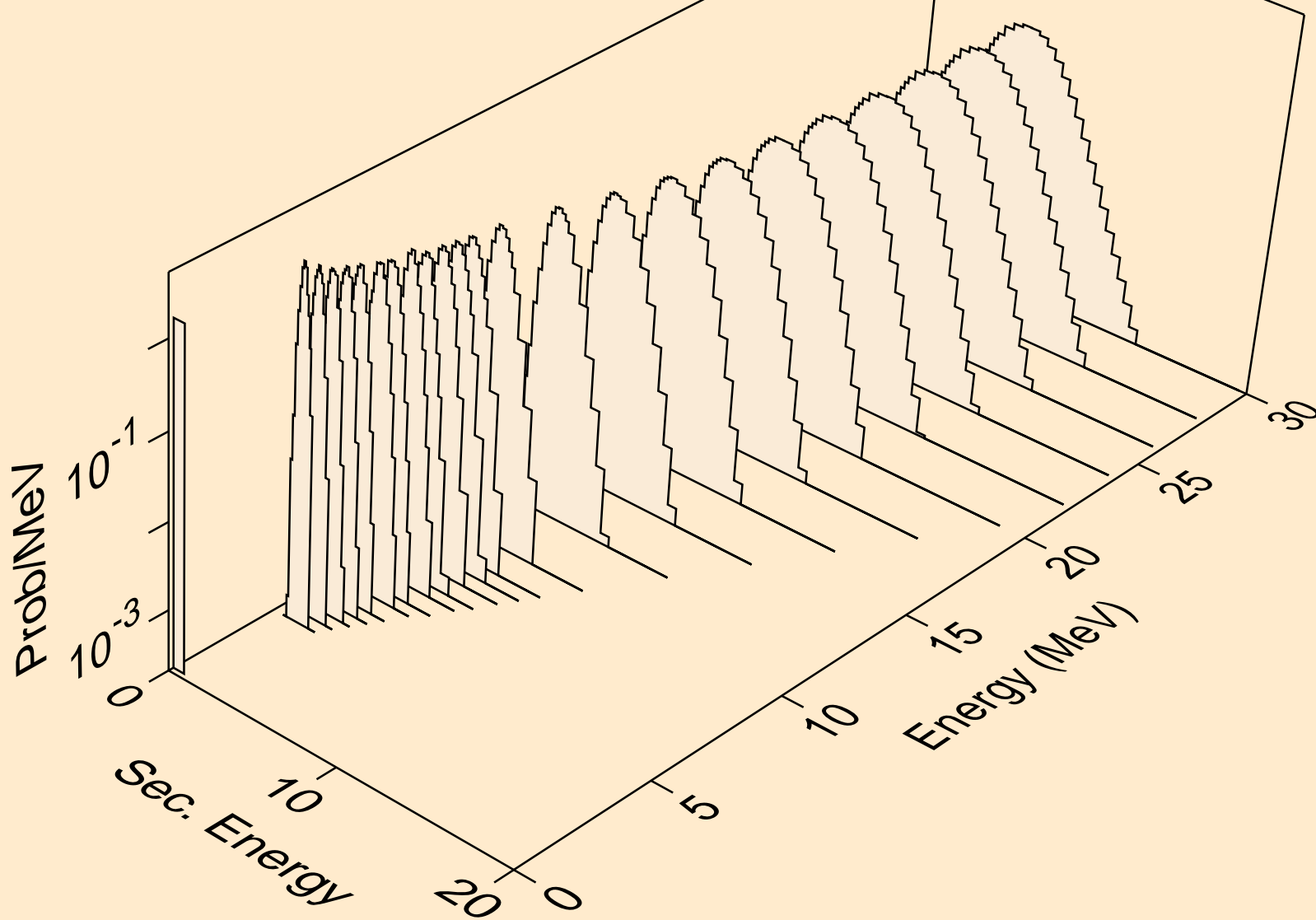
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



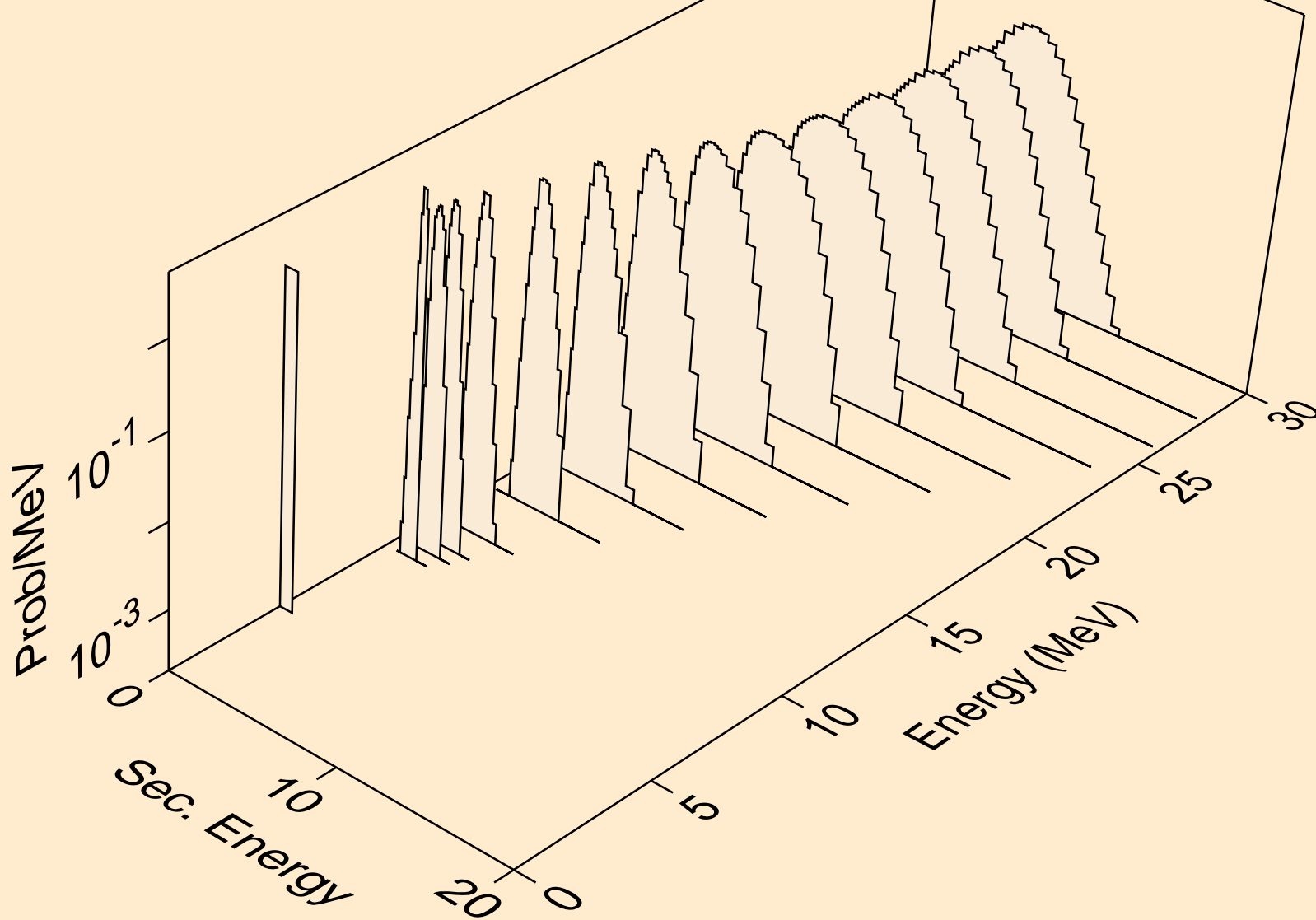
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



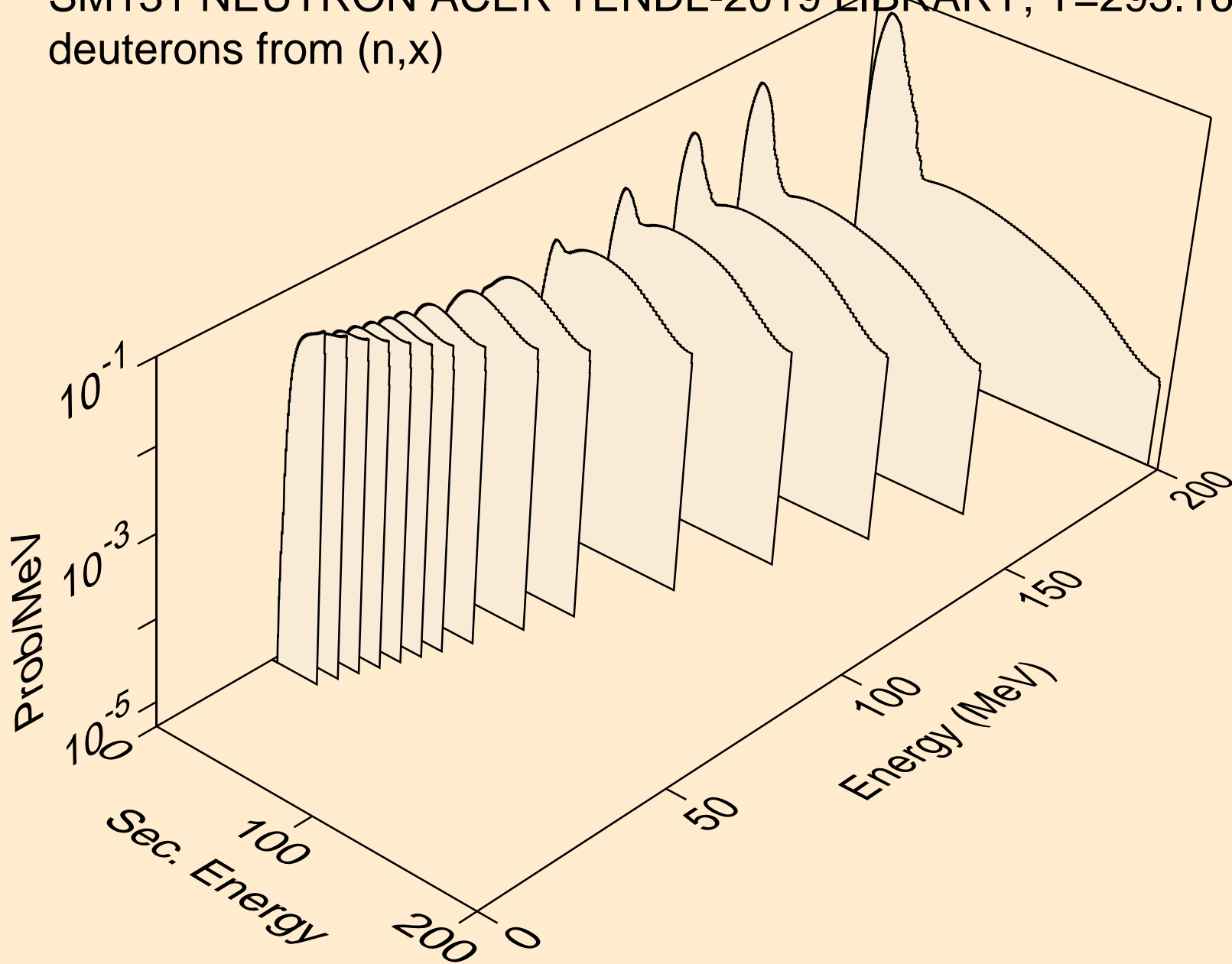
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



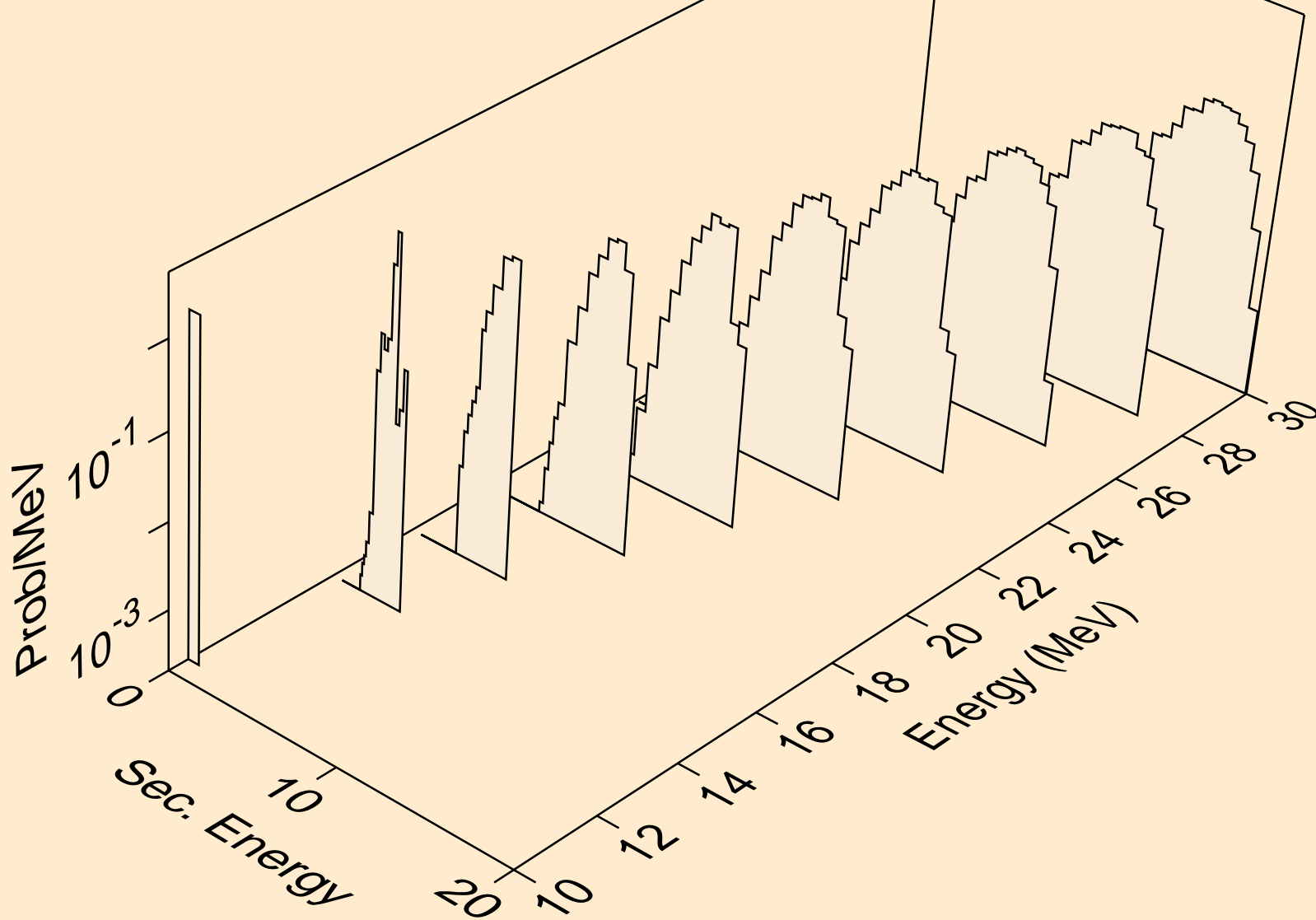
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



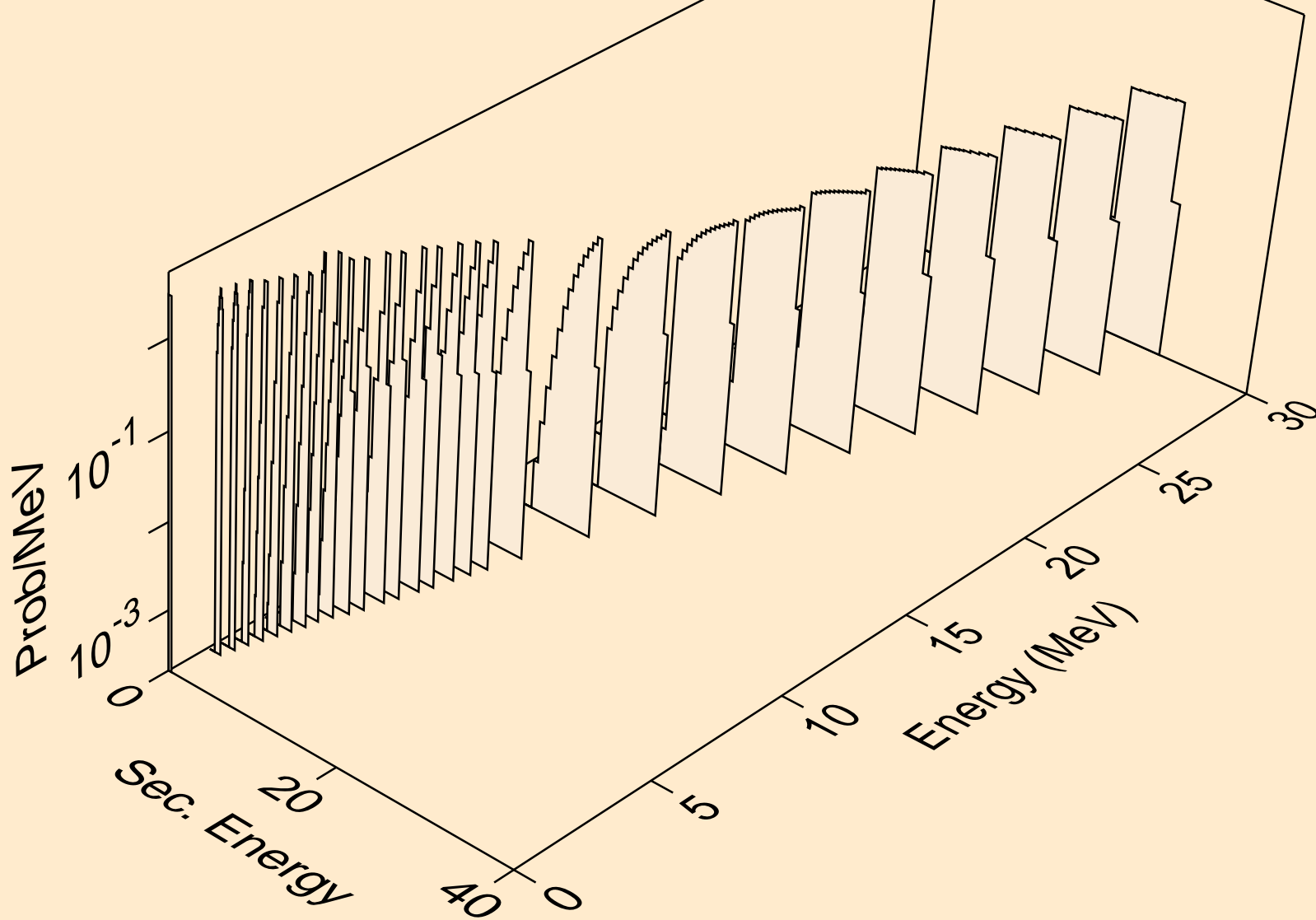
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



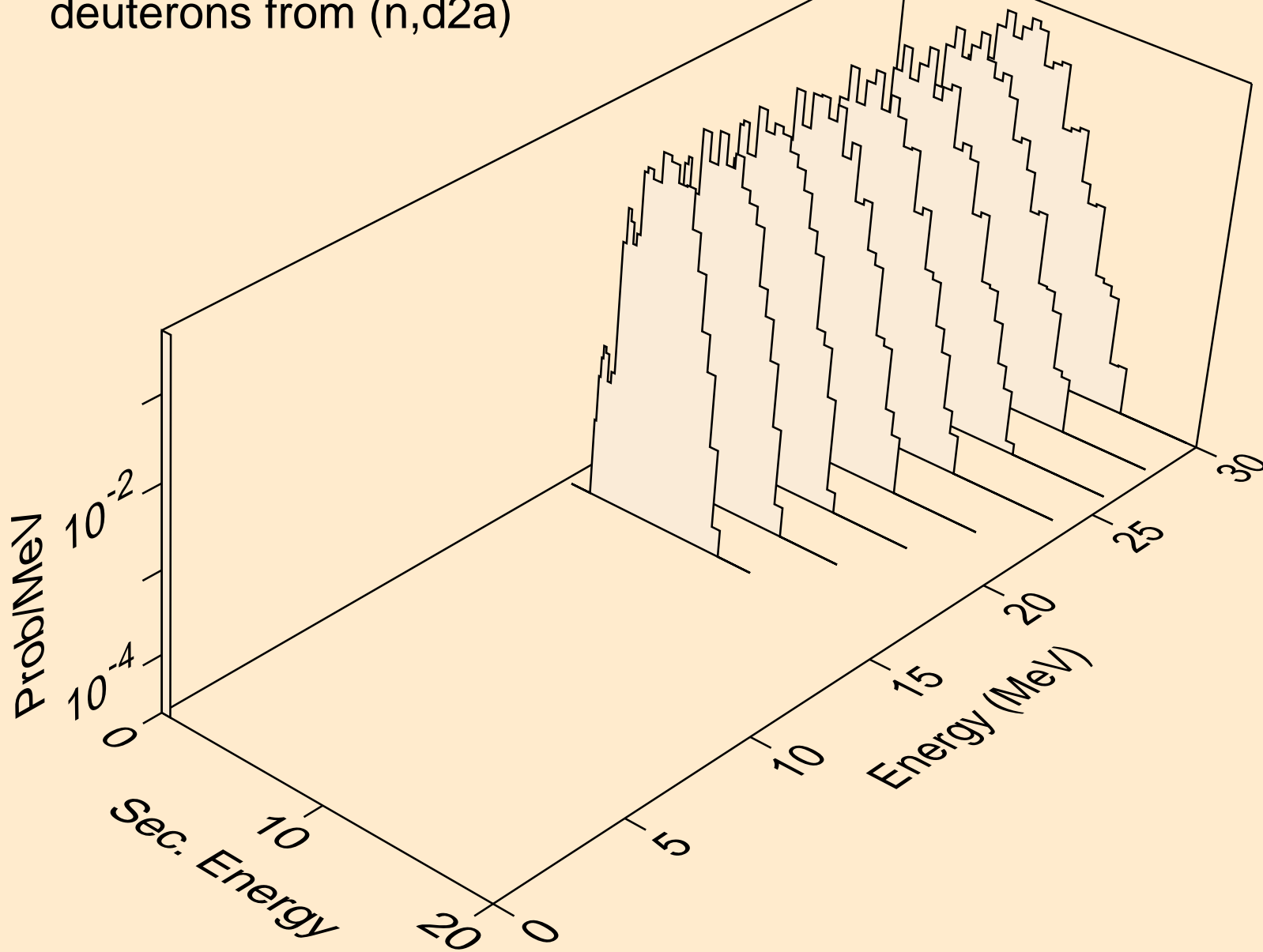
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



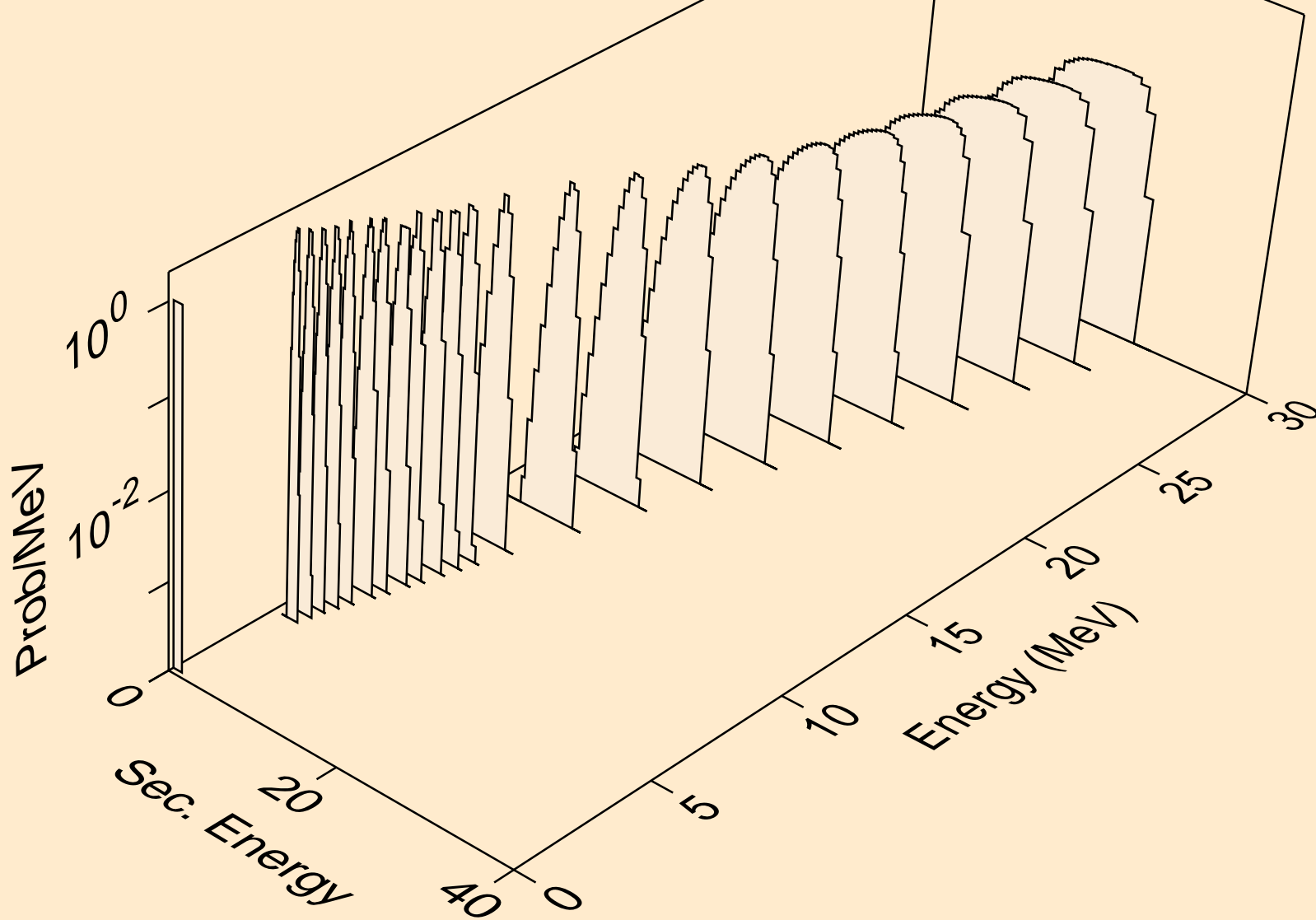
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



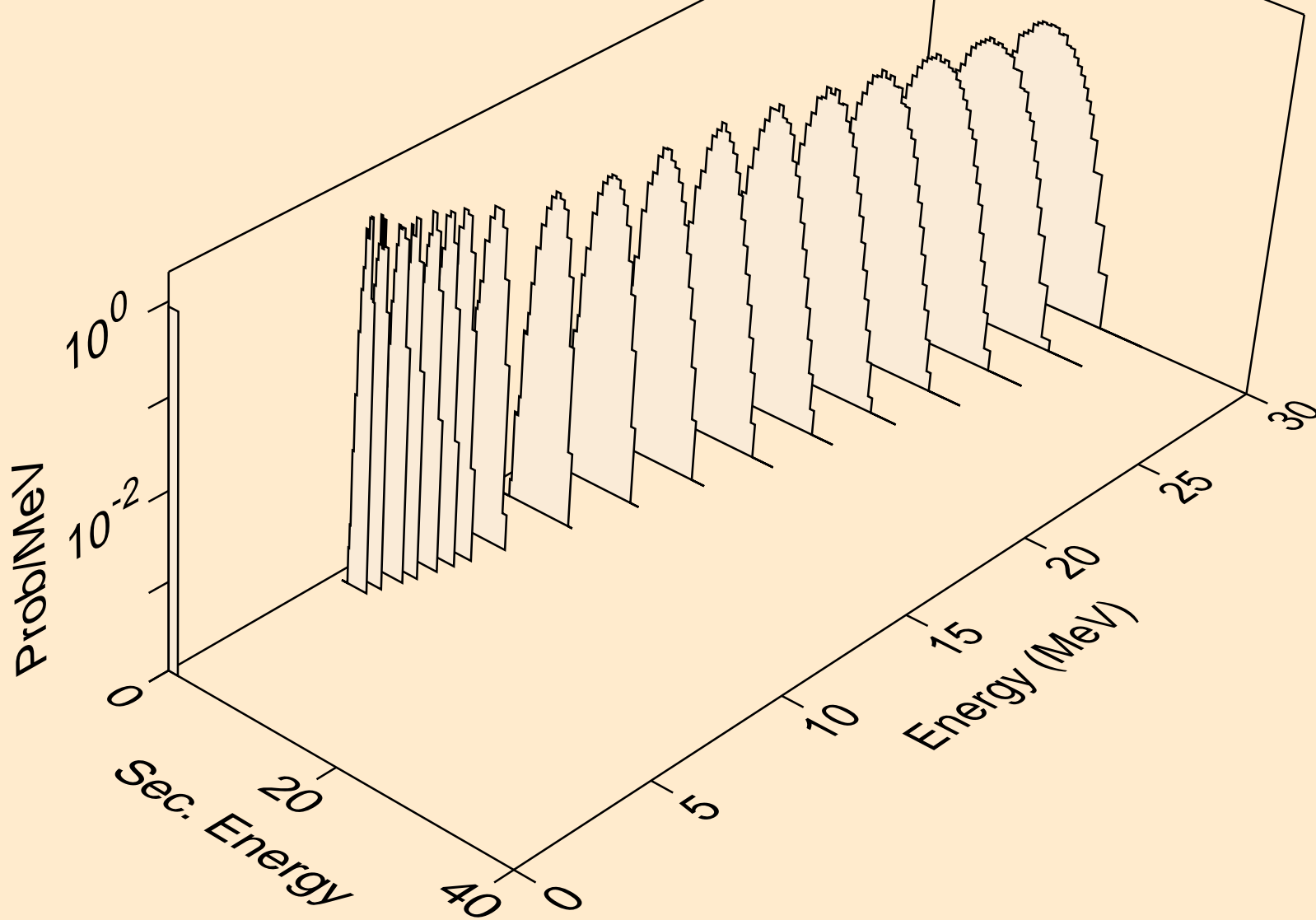
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d2a)



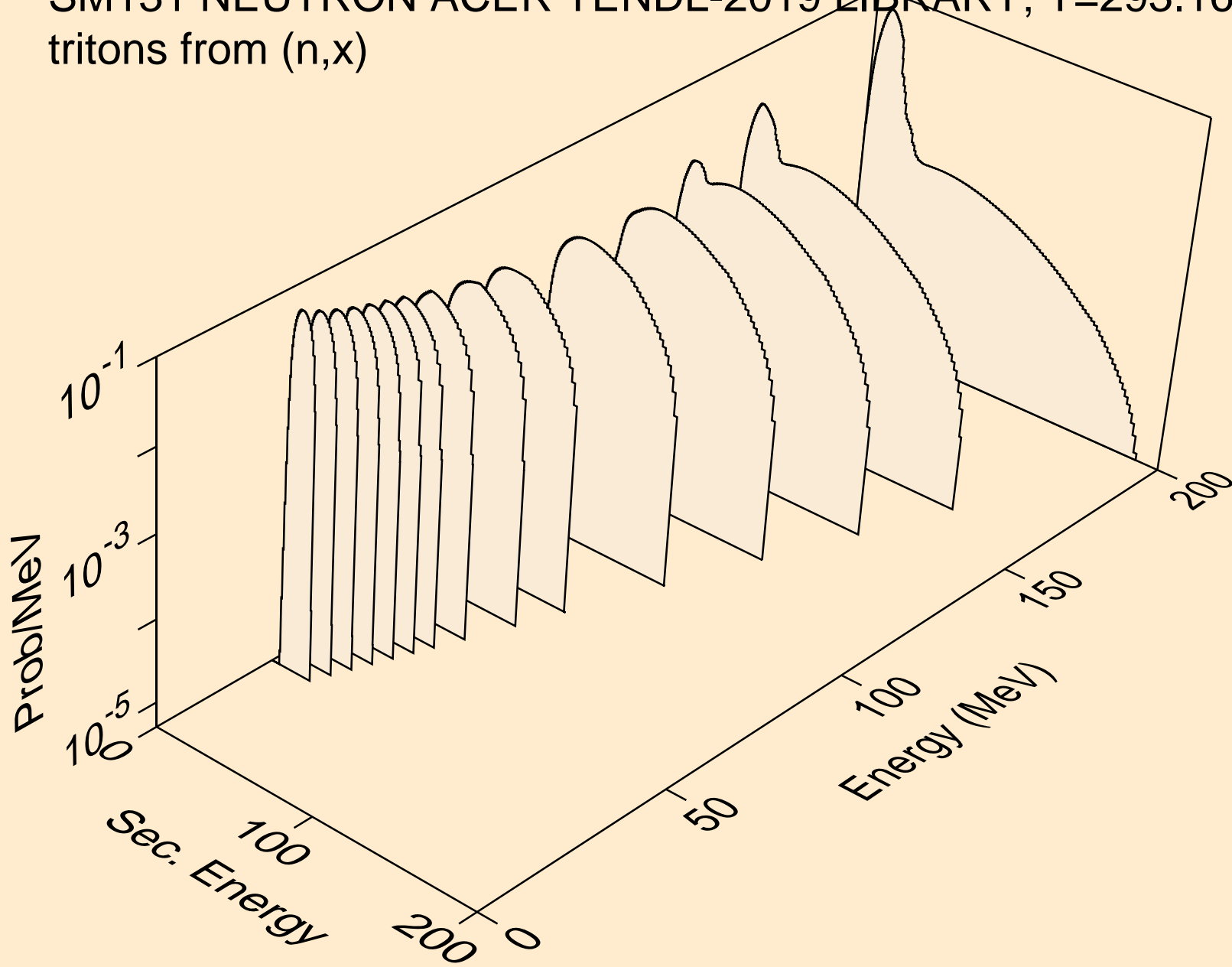
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



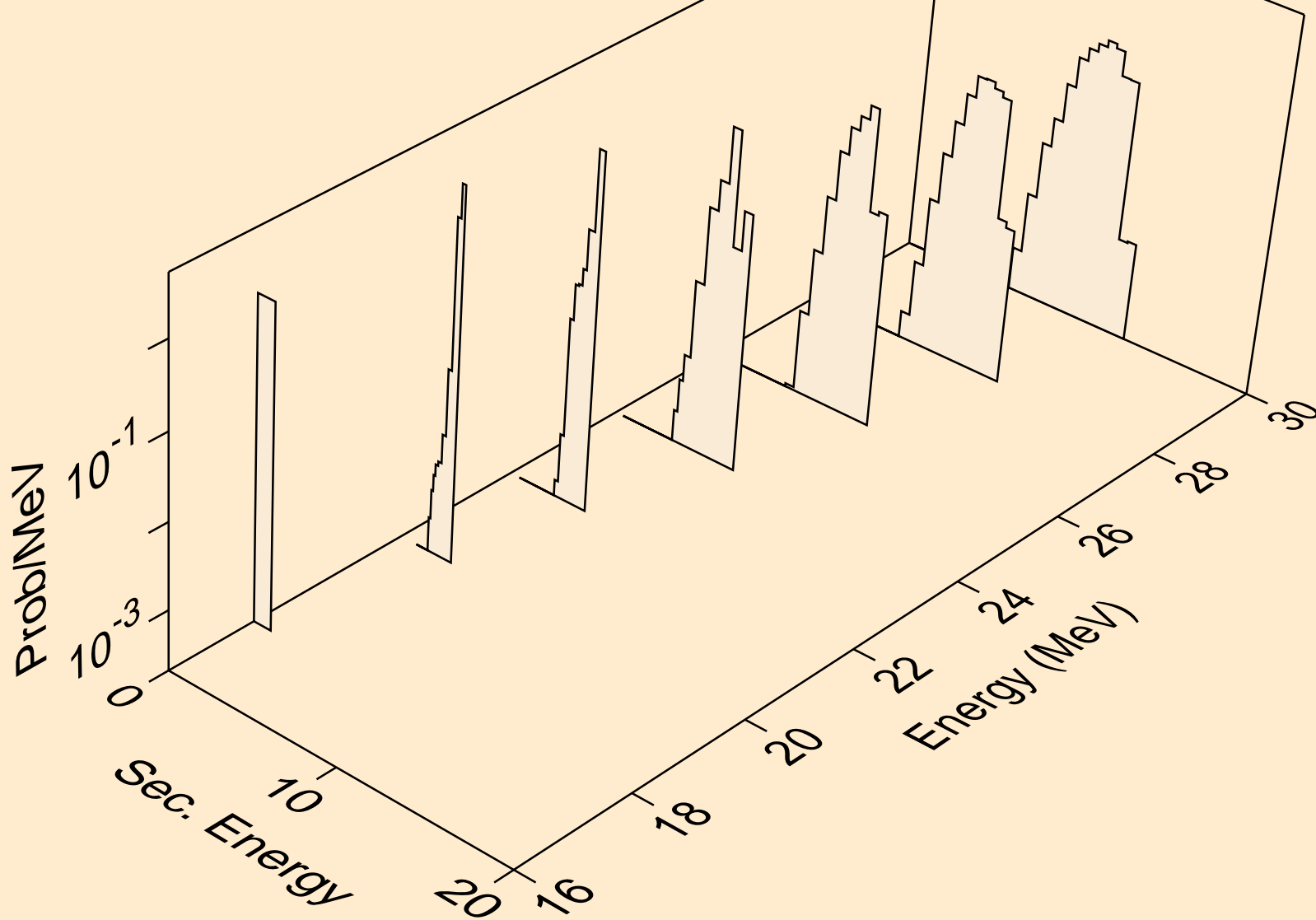
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



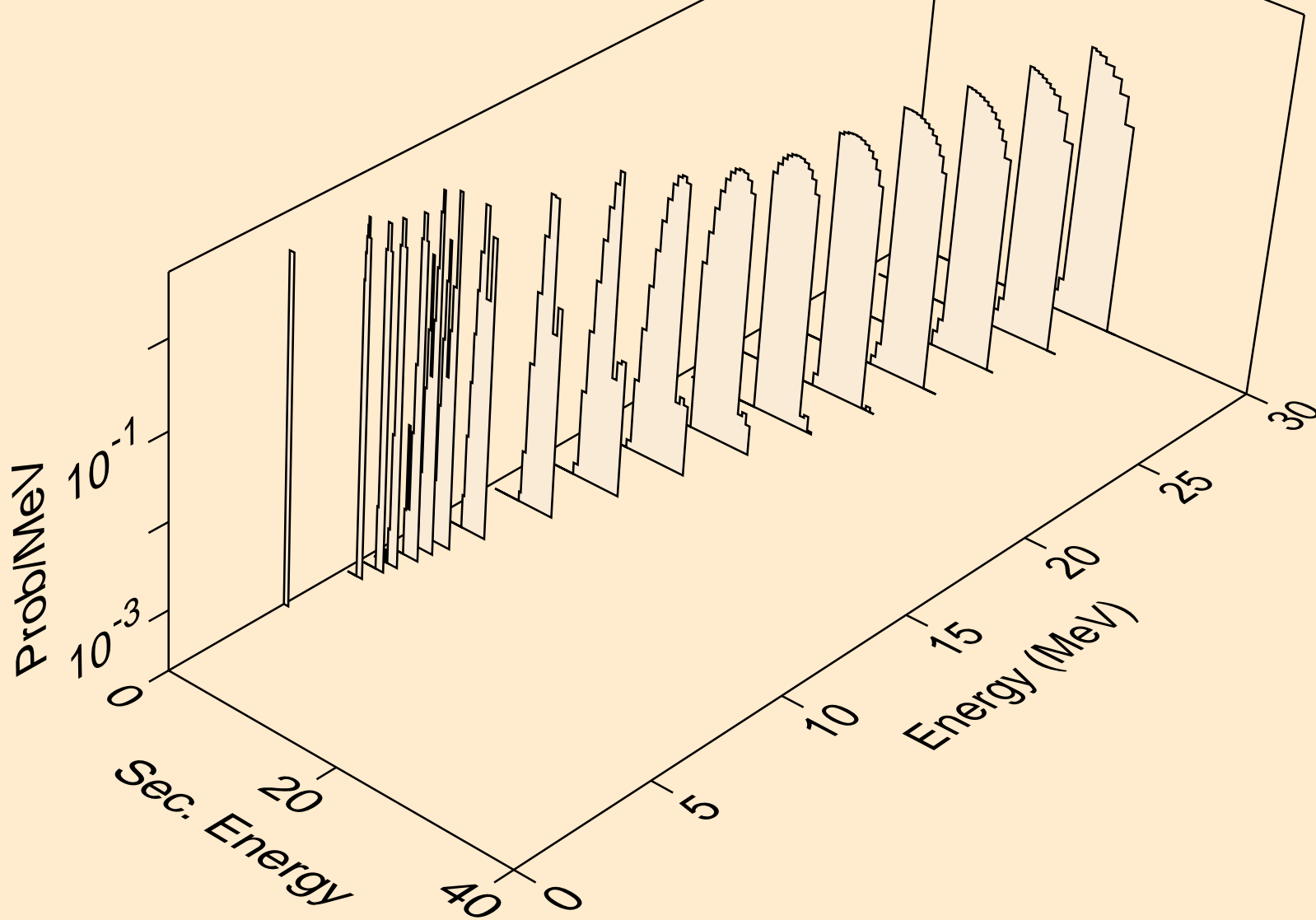
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



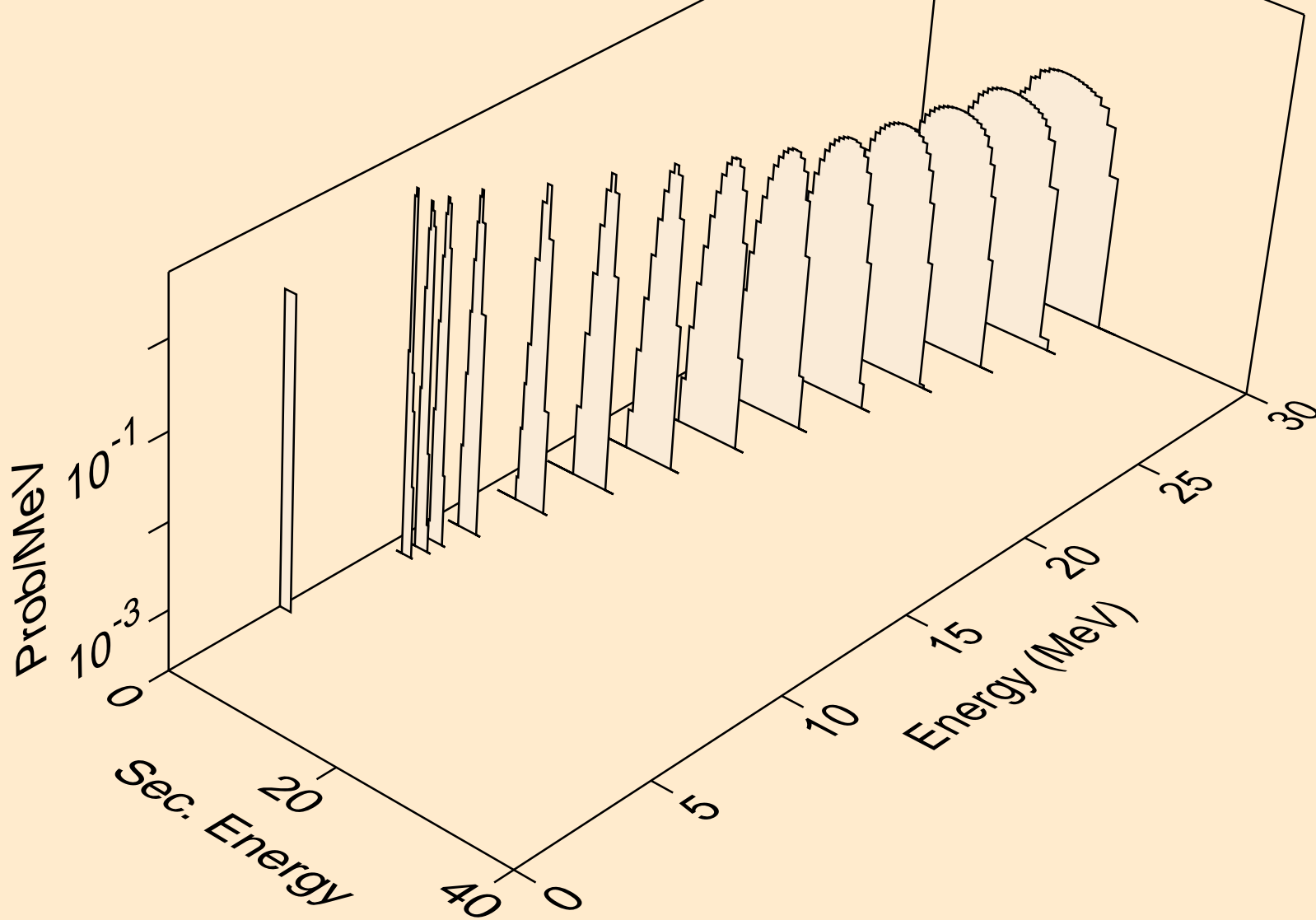
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



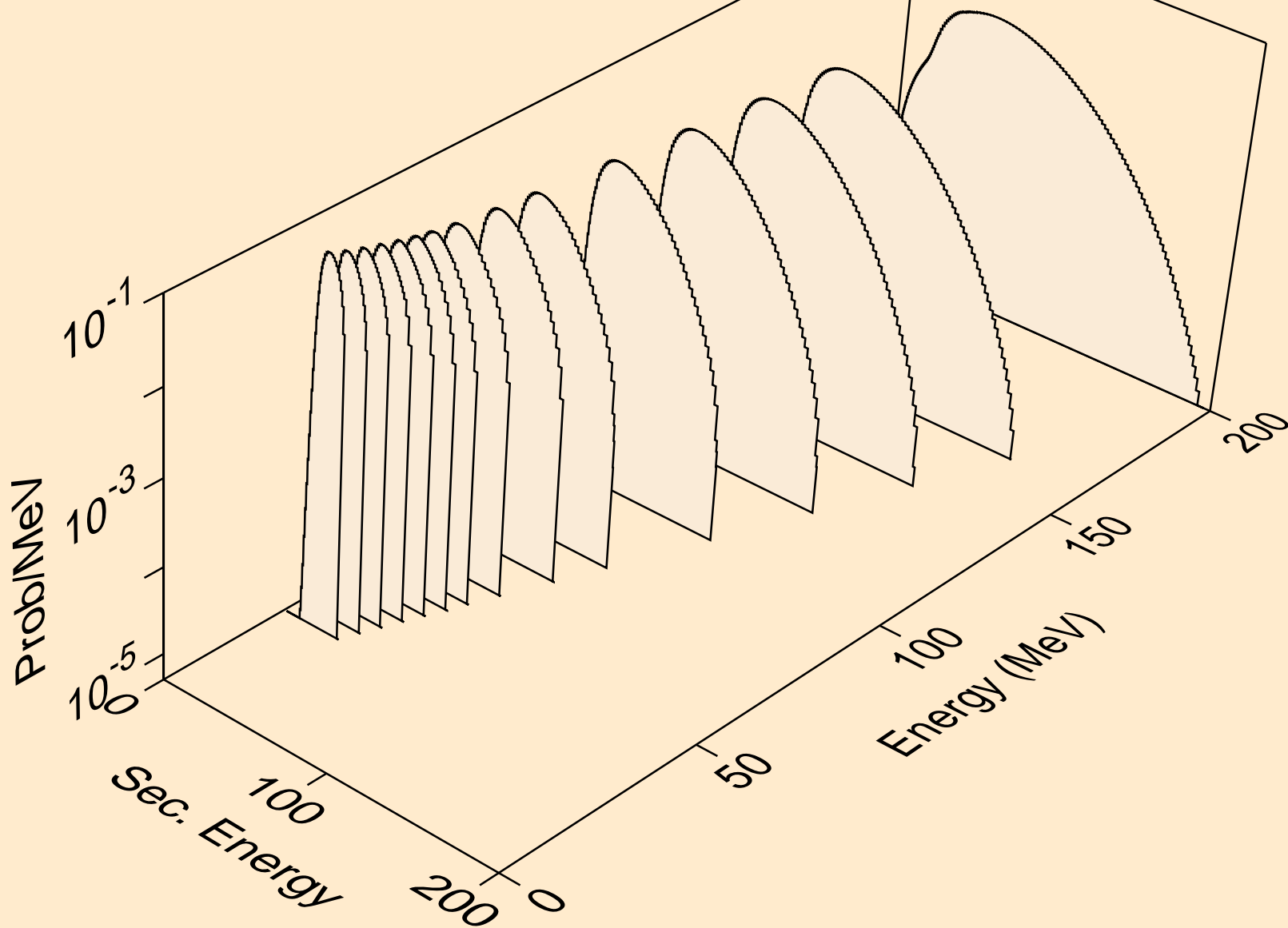
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



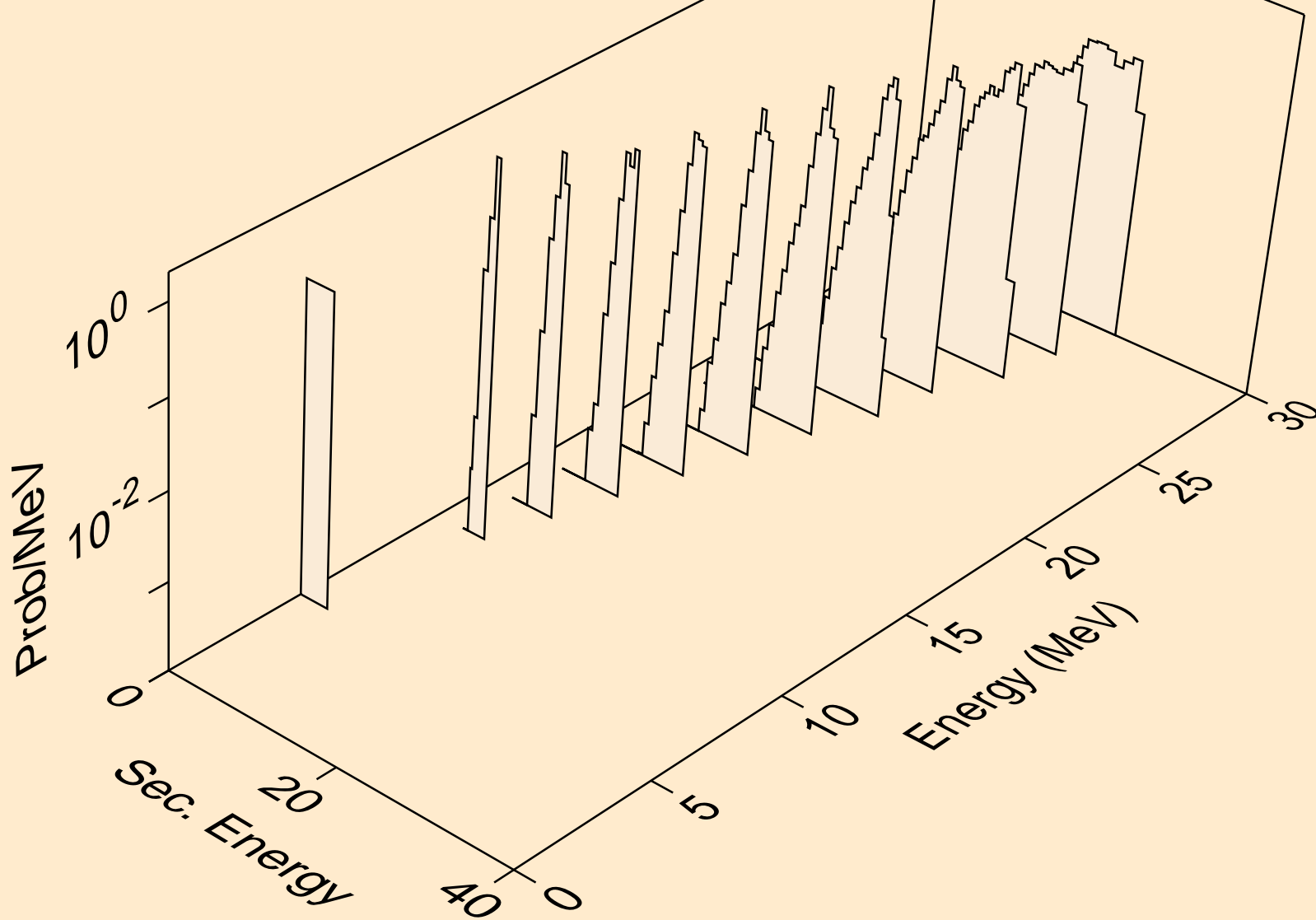
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



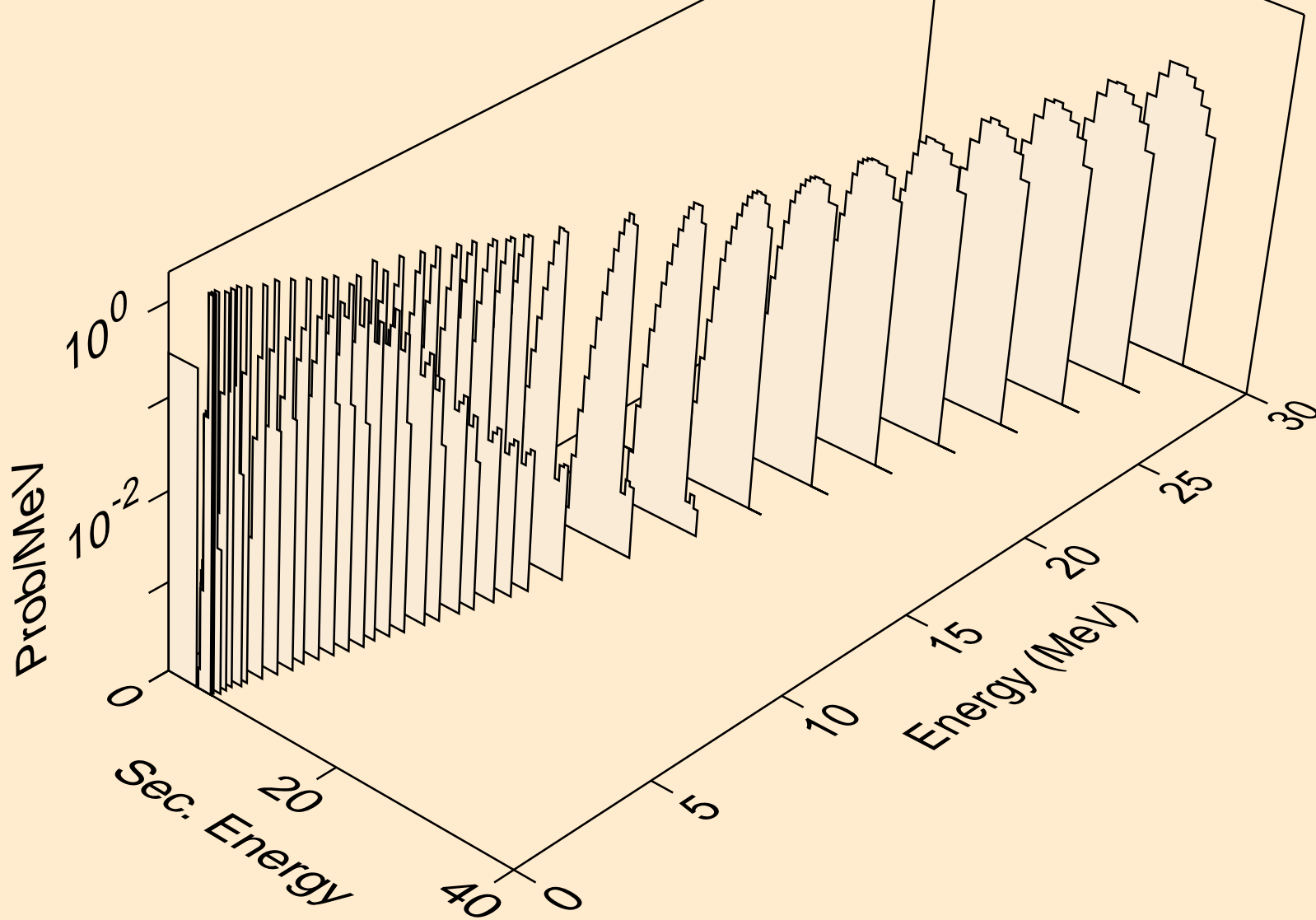
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



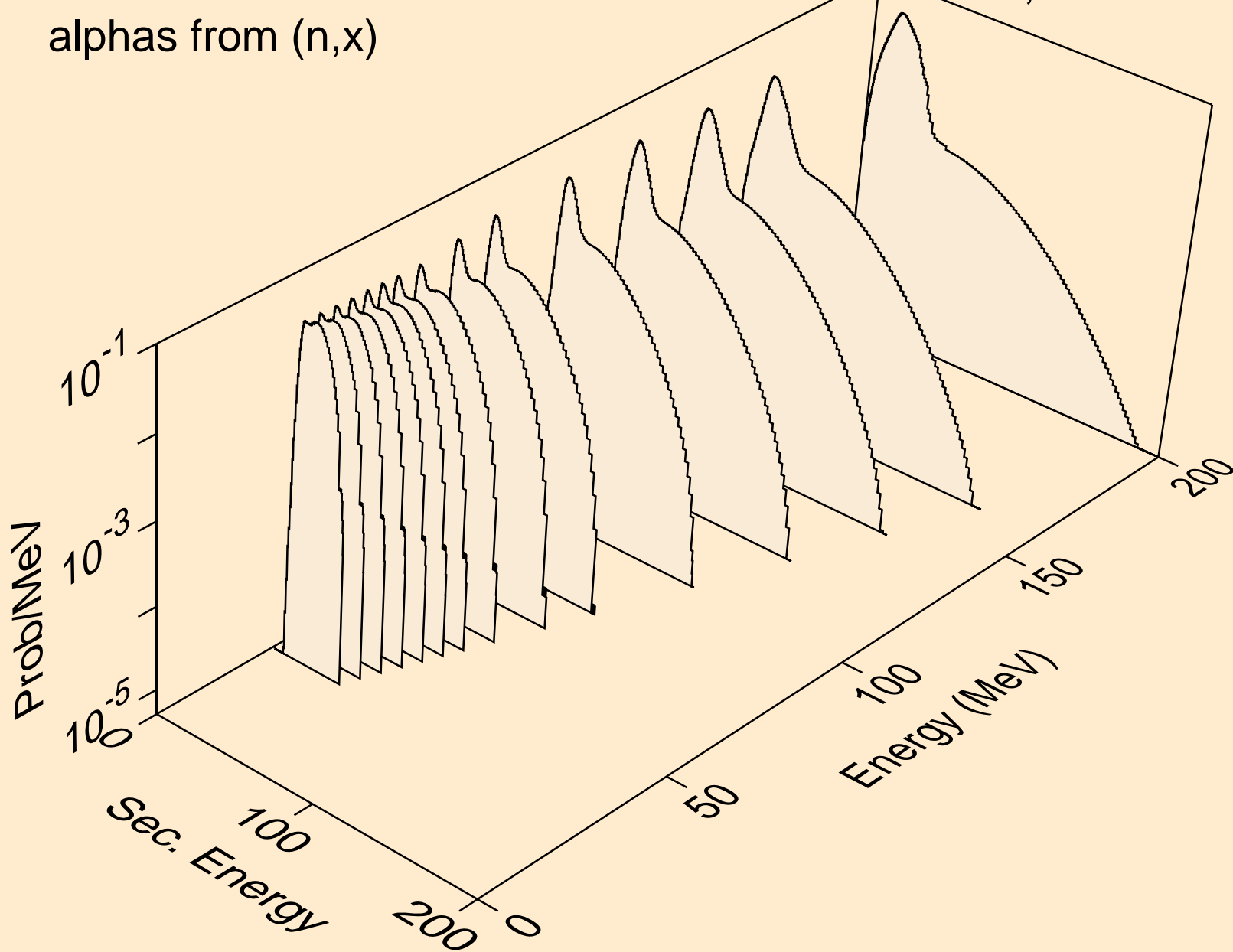
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



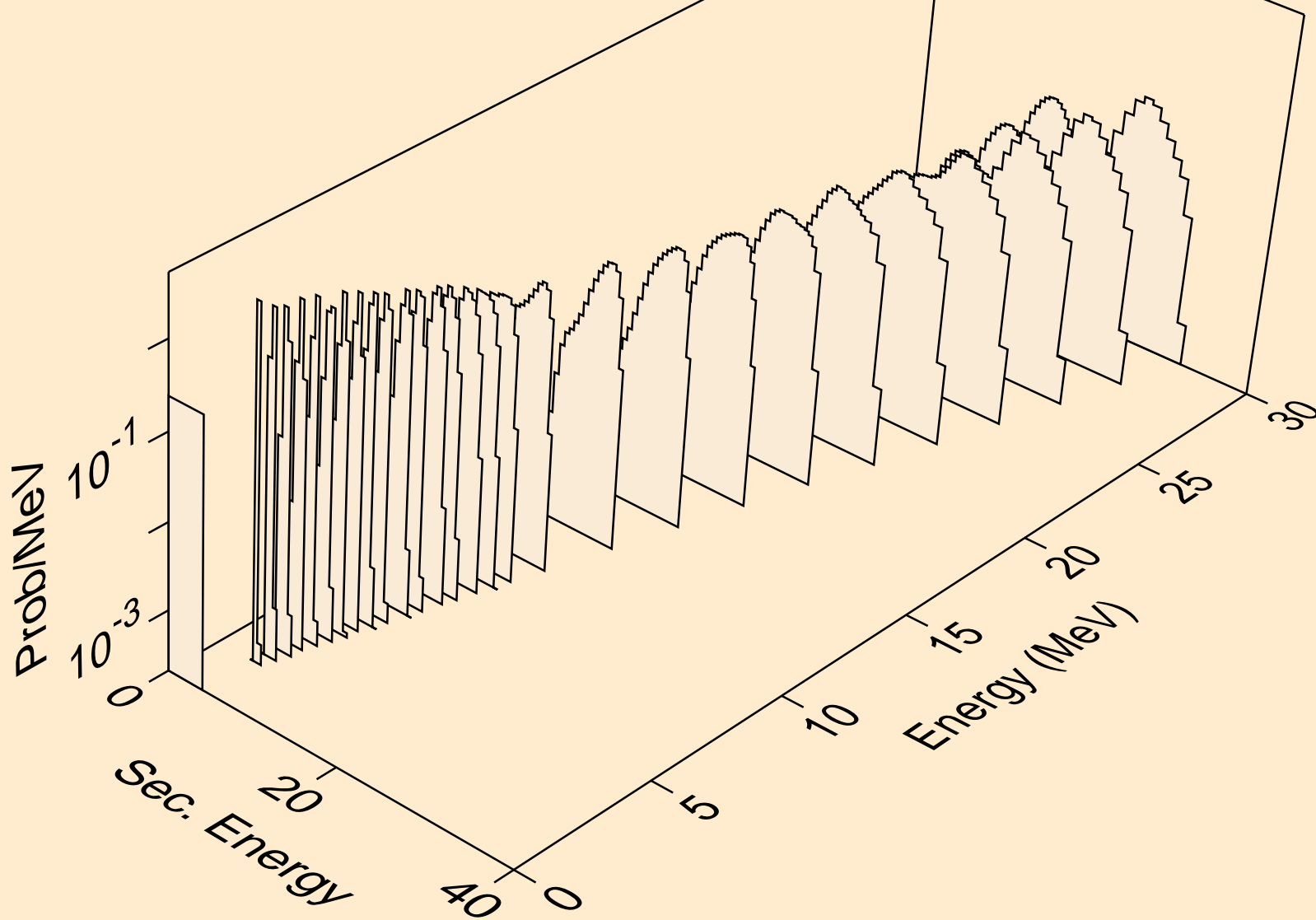
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



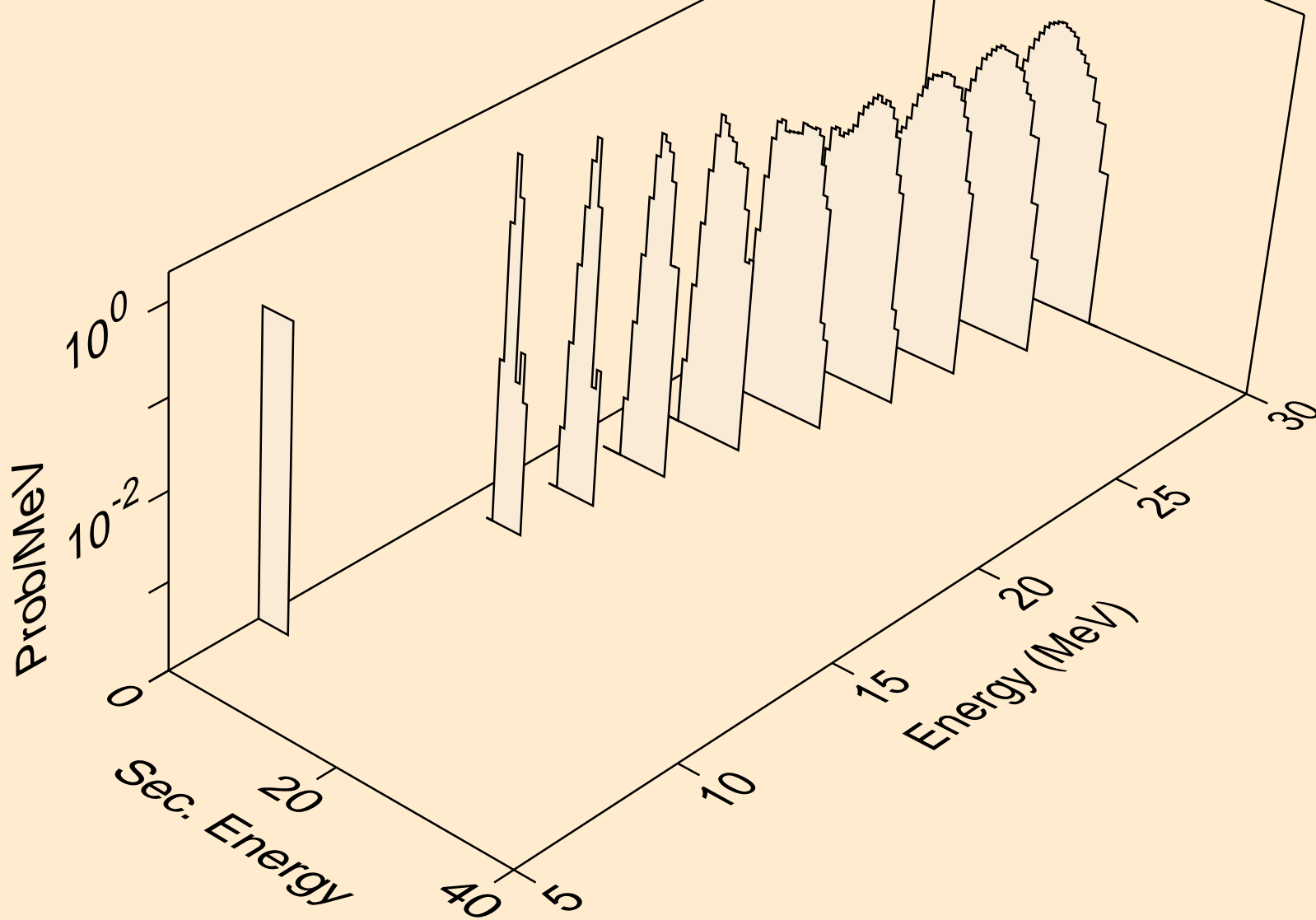
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



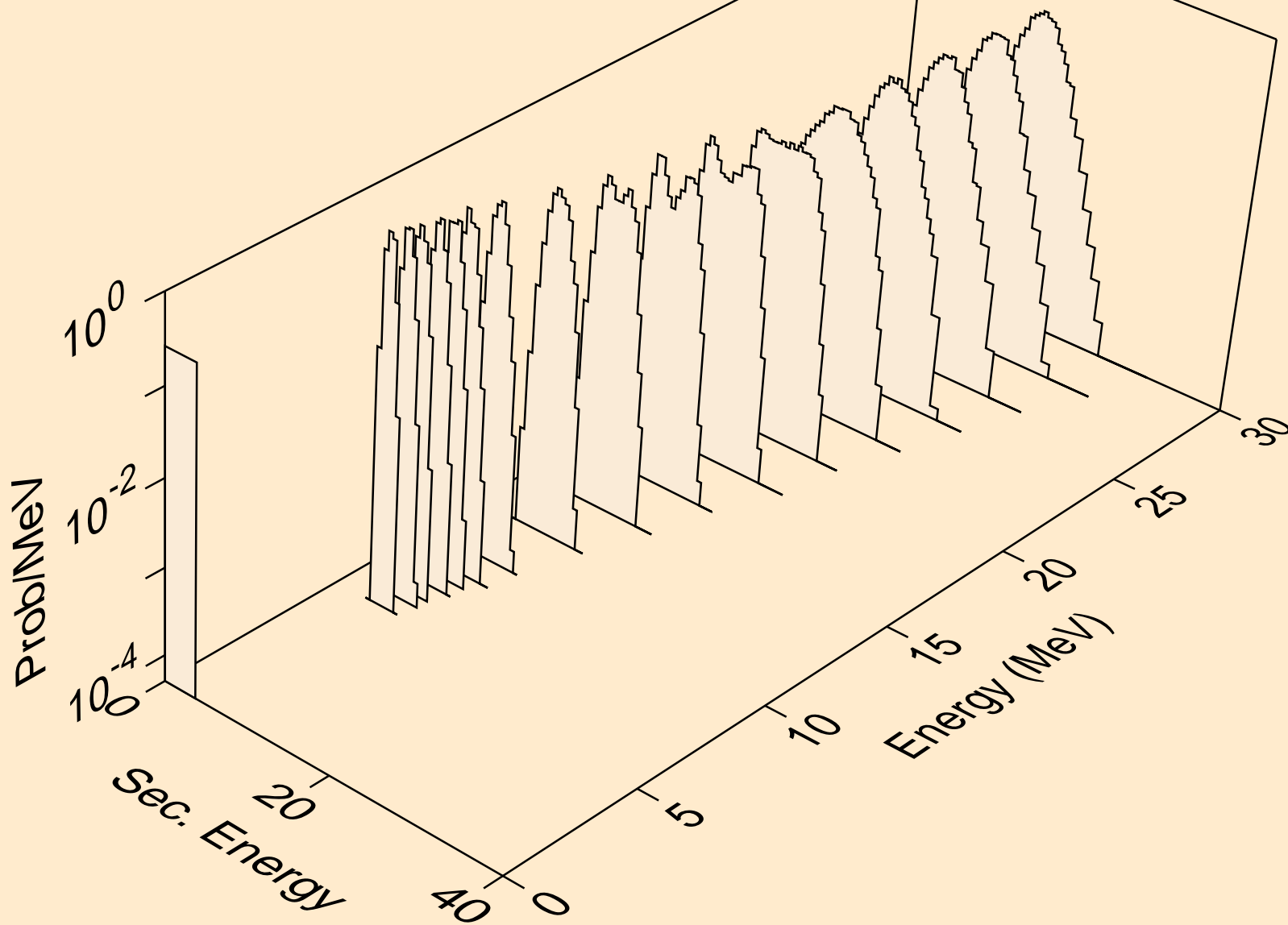
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



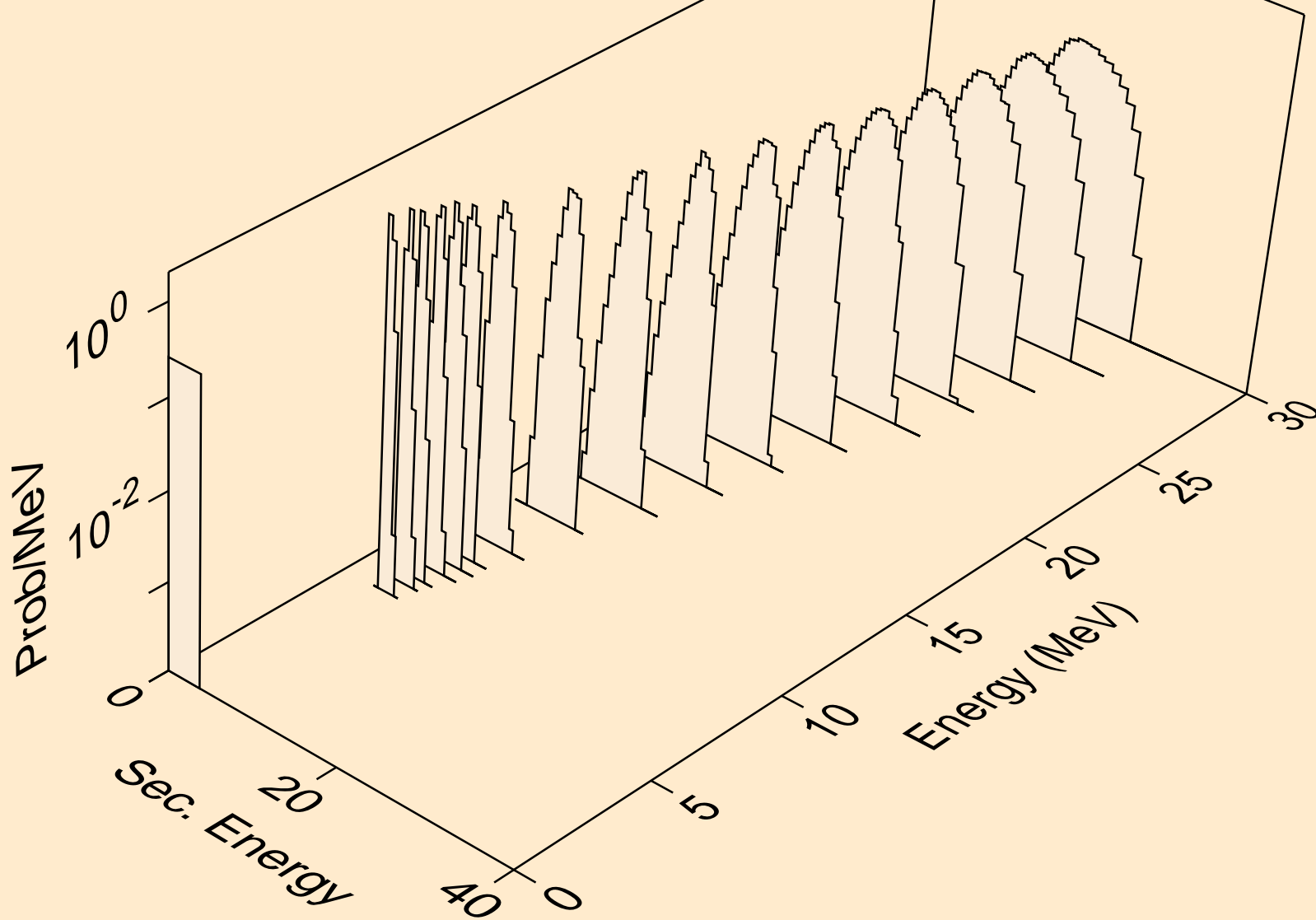
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



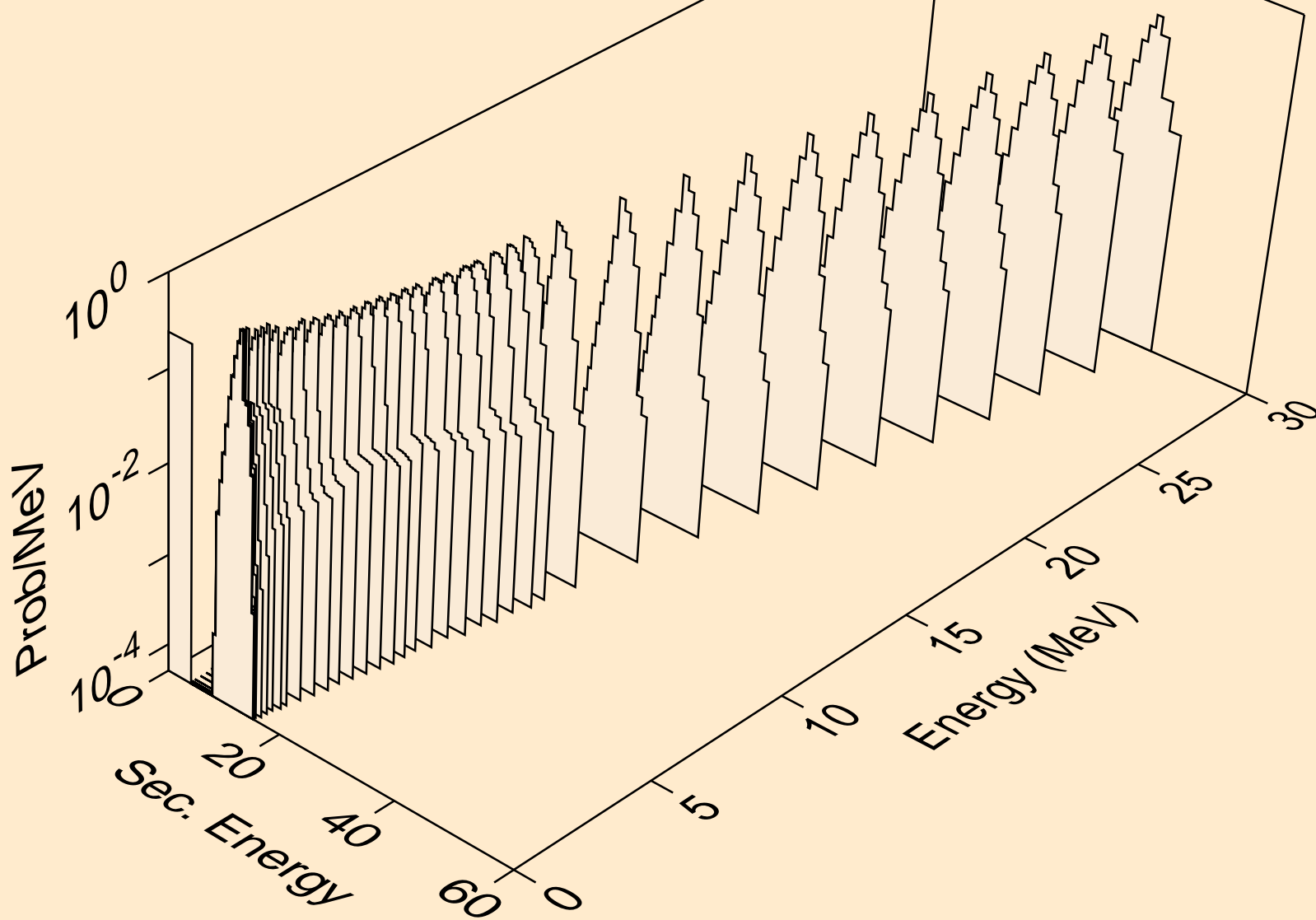
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



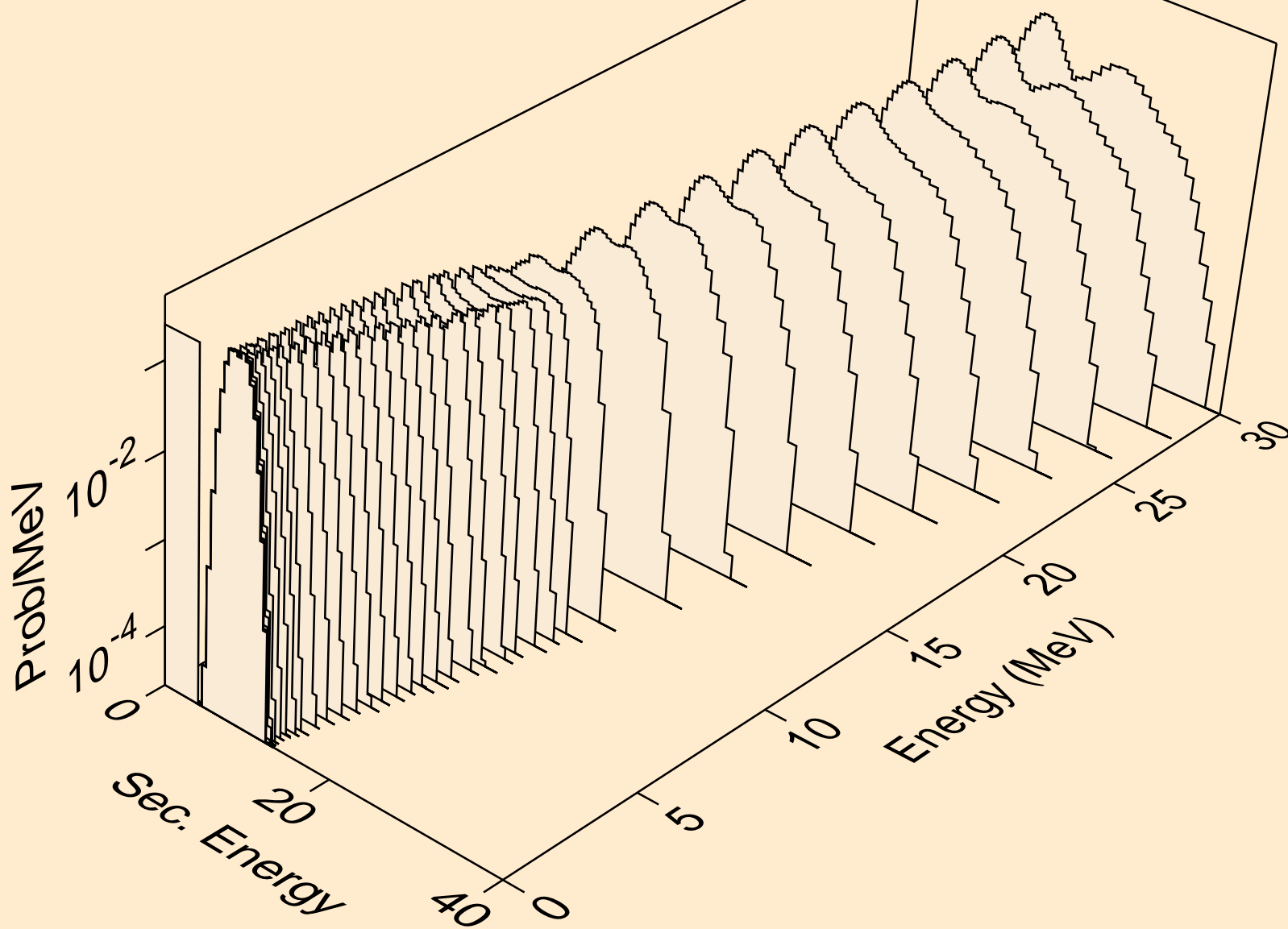
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



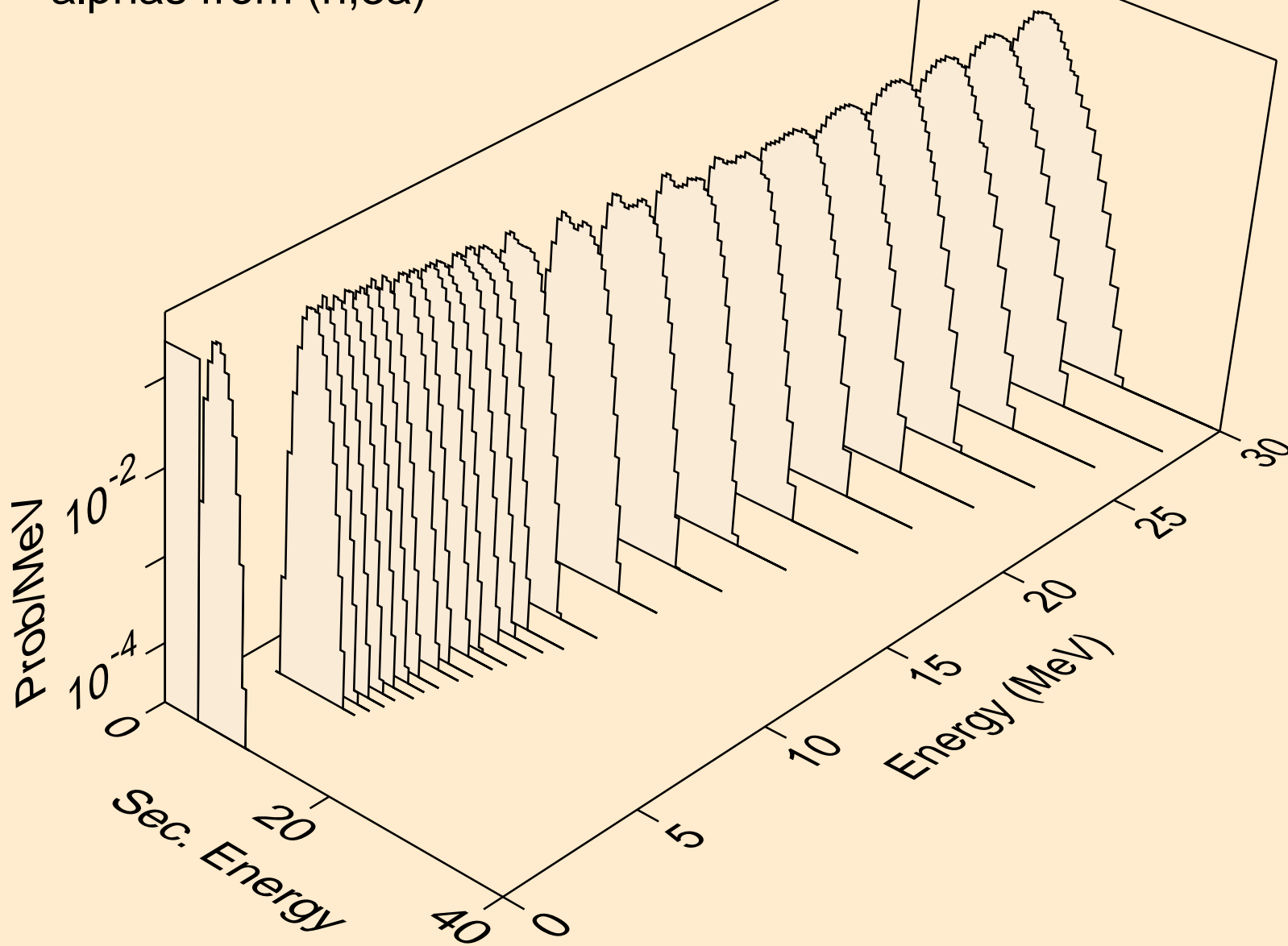
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



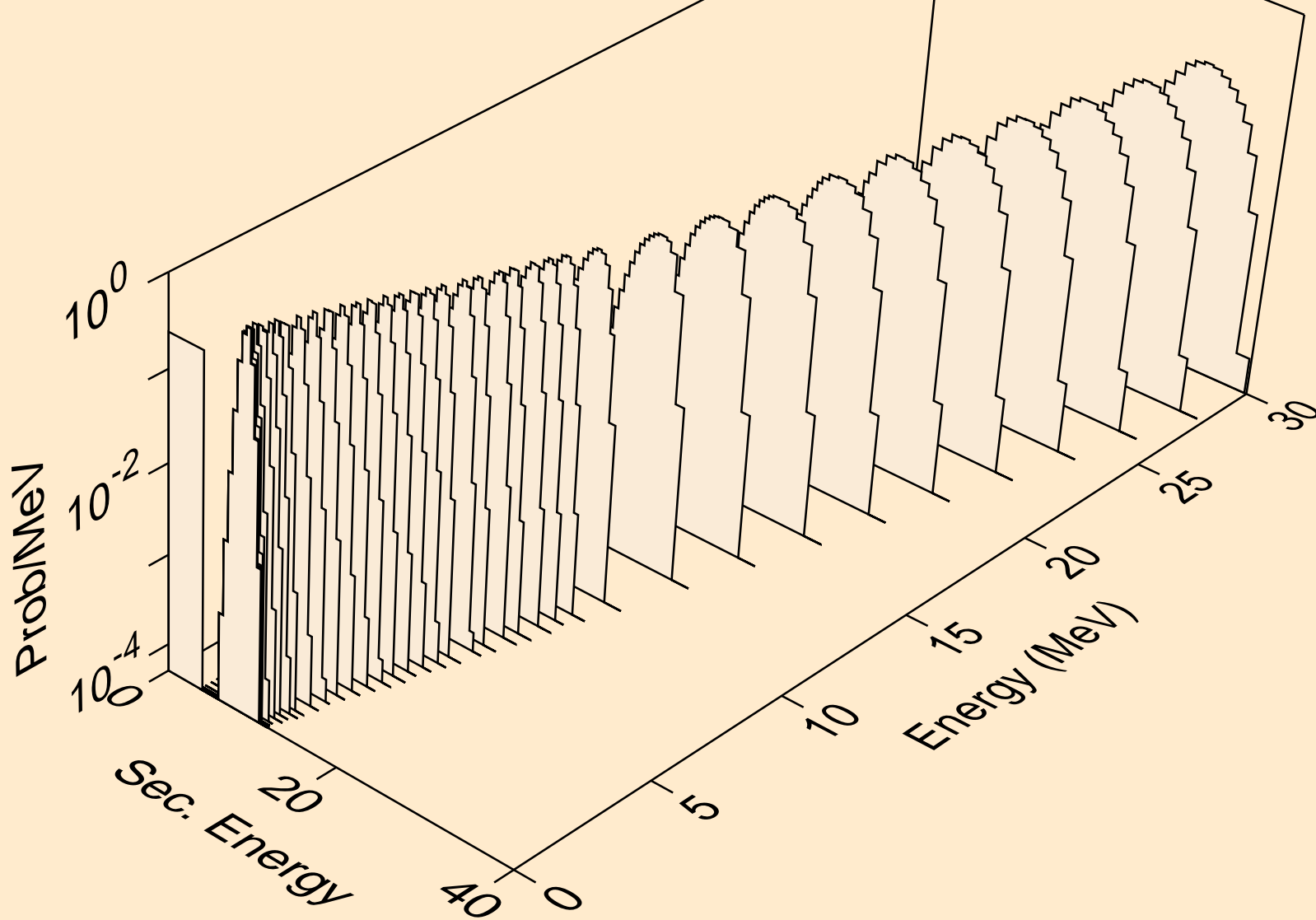
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



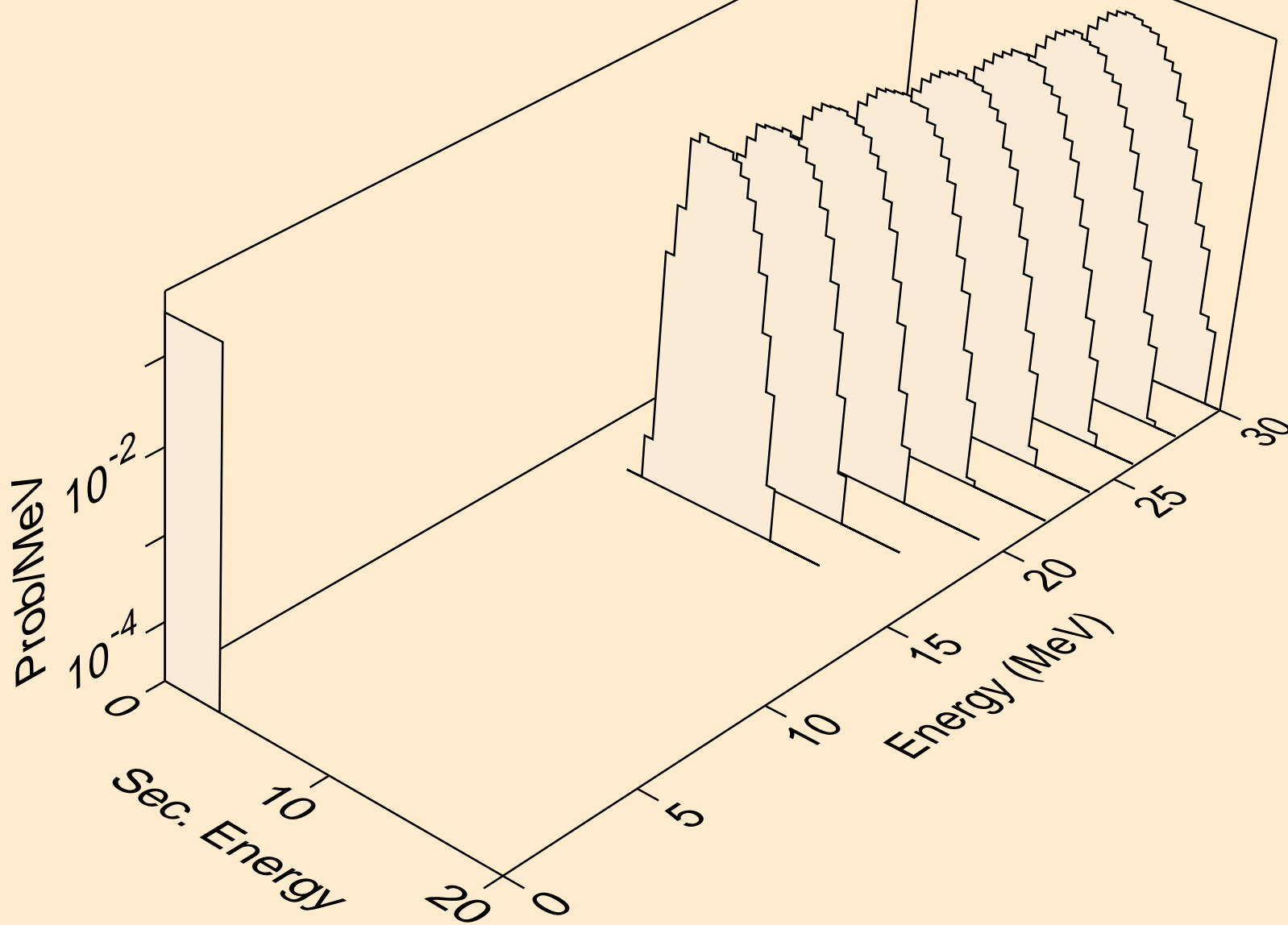
SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,d2a)



SM131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

