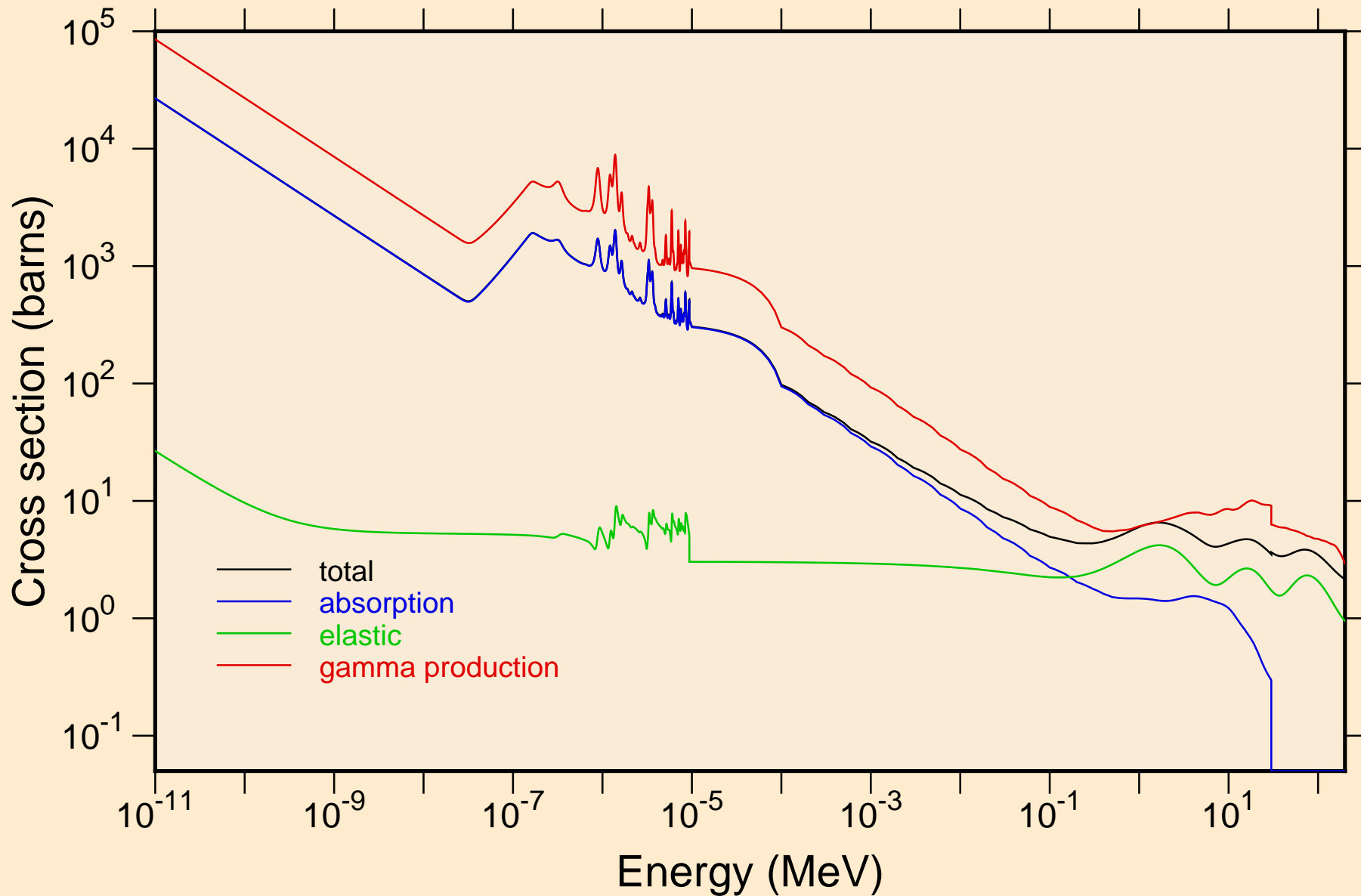
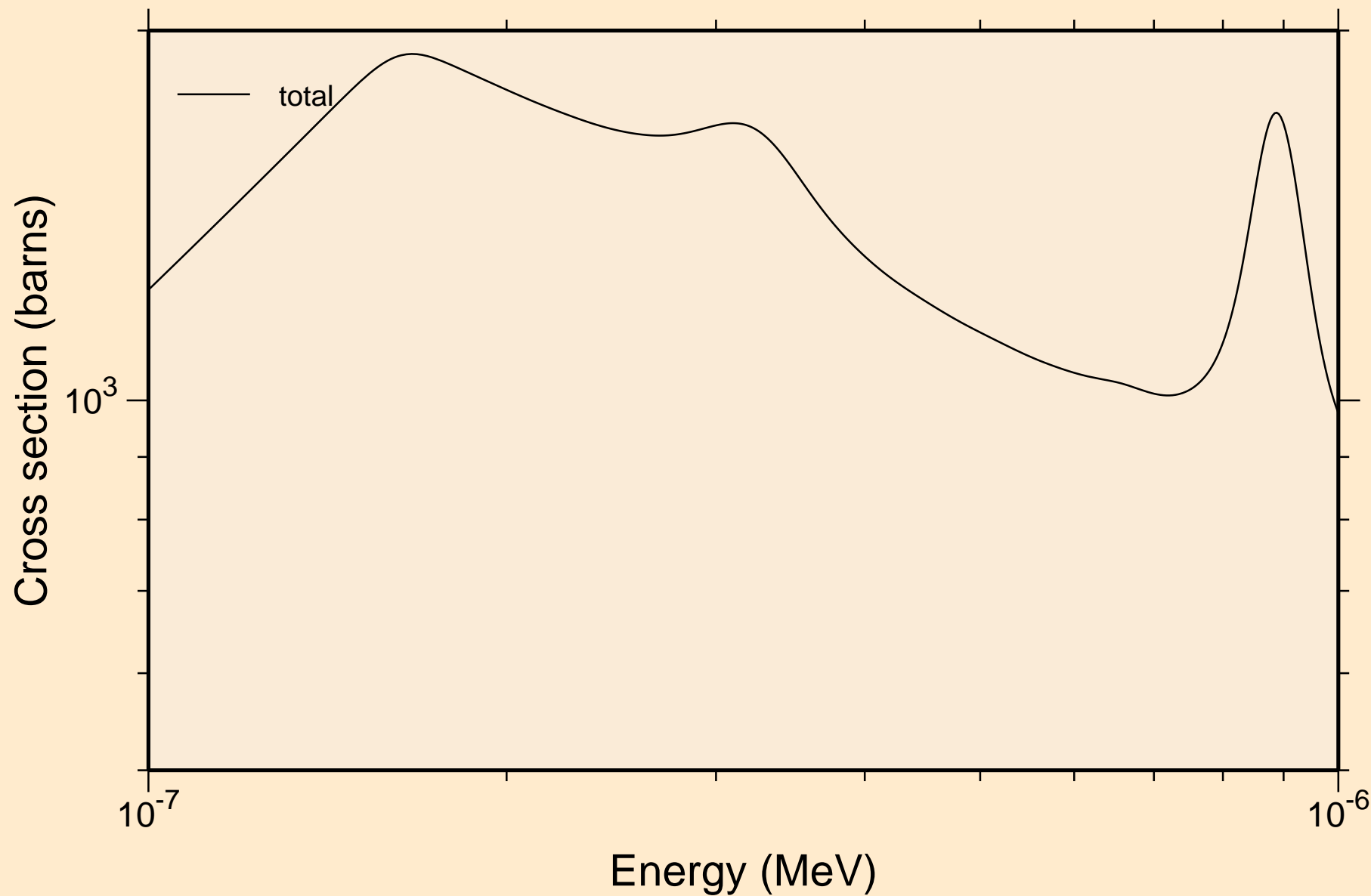


ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

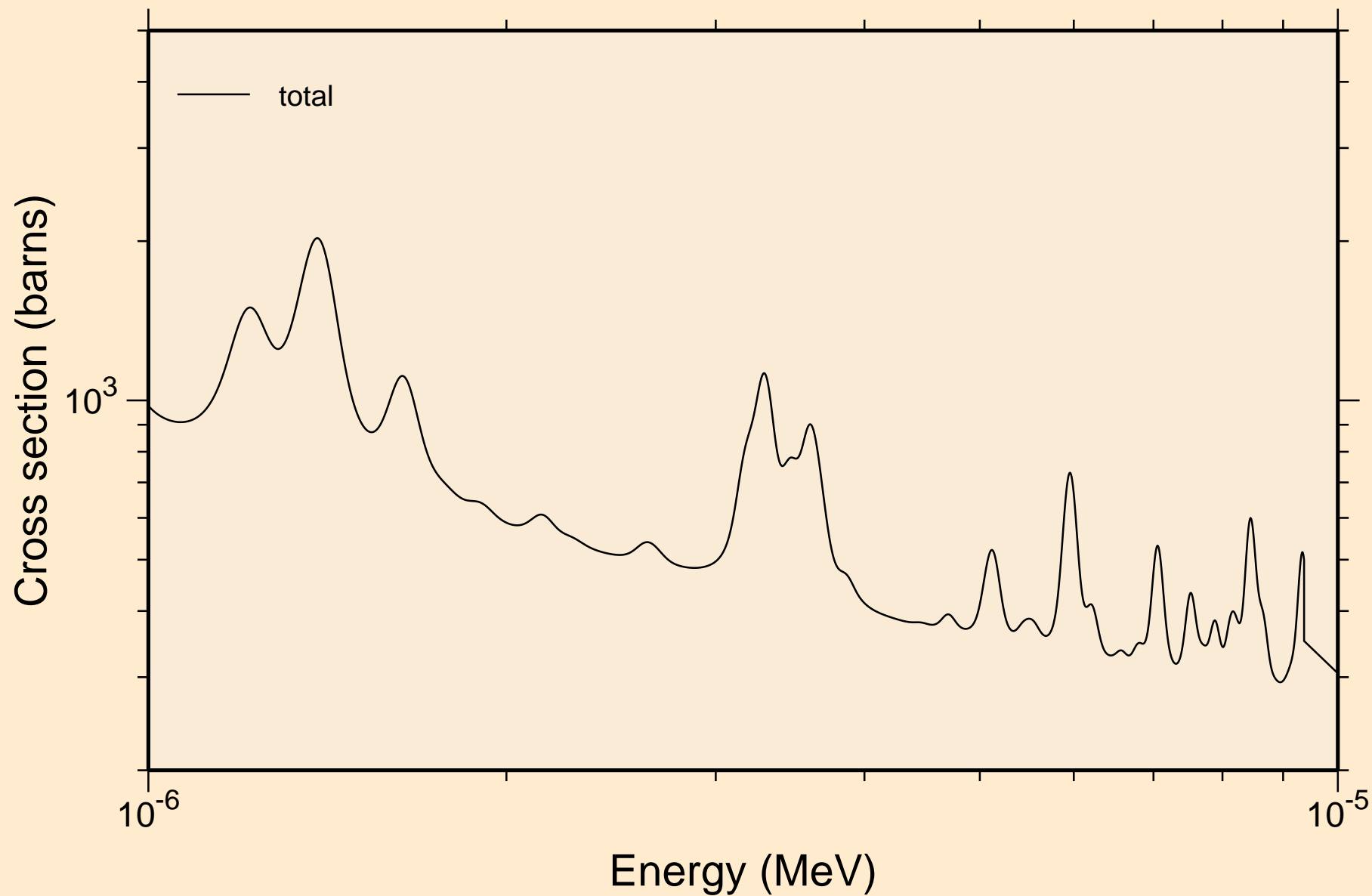
Principal cross sections



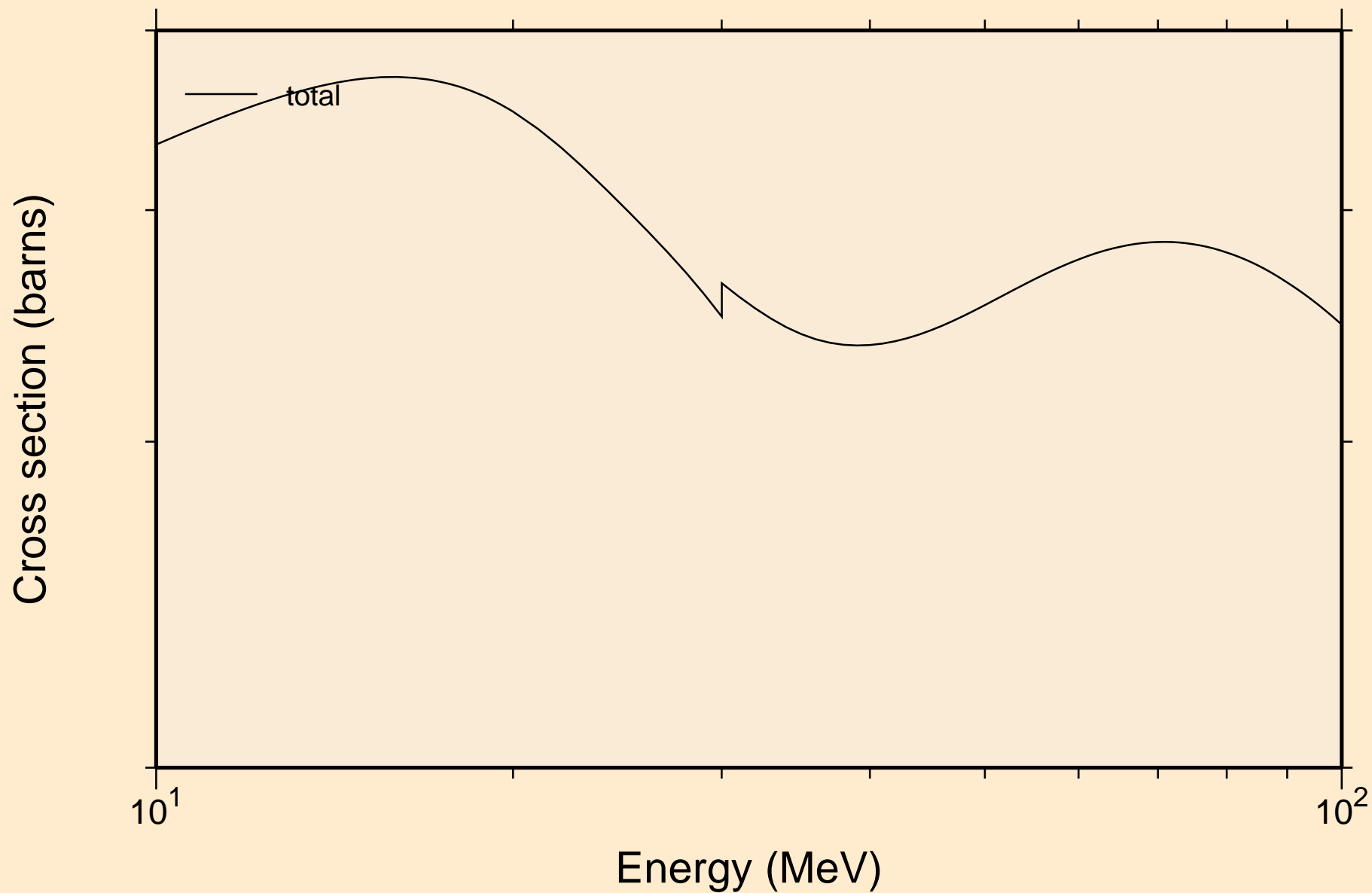
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



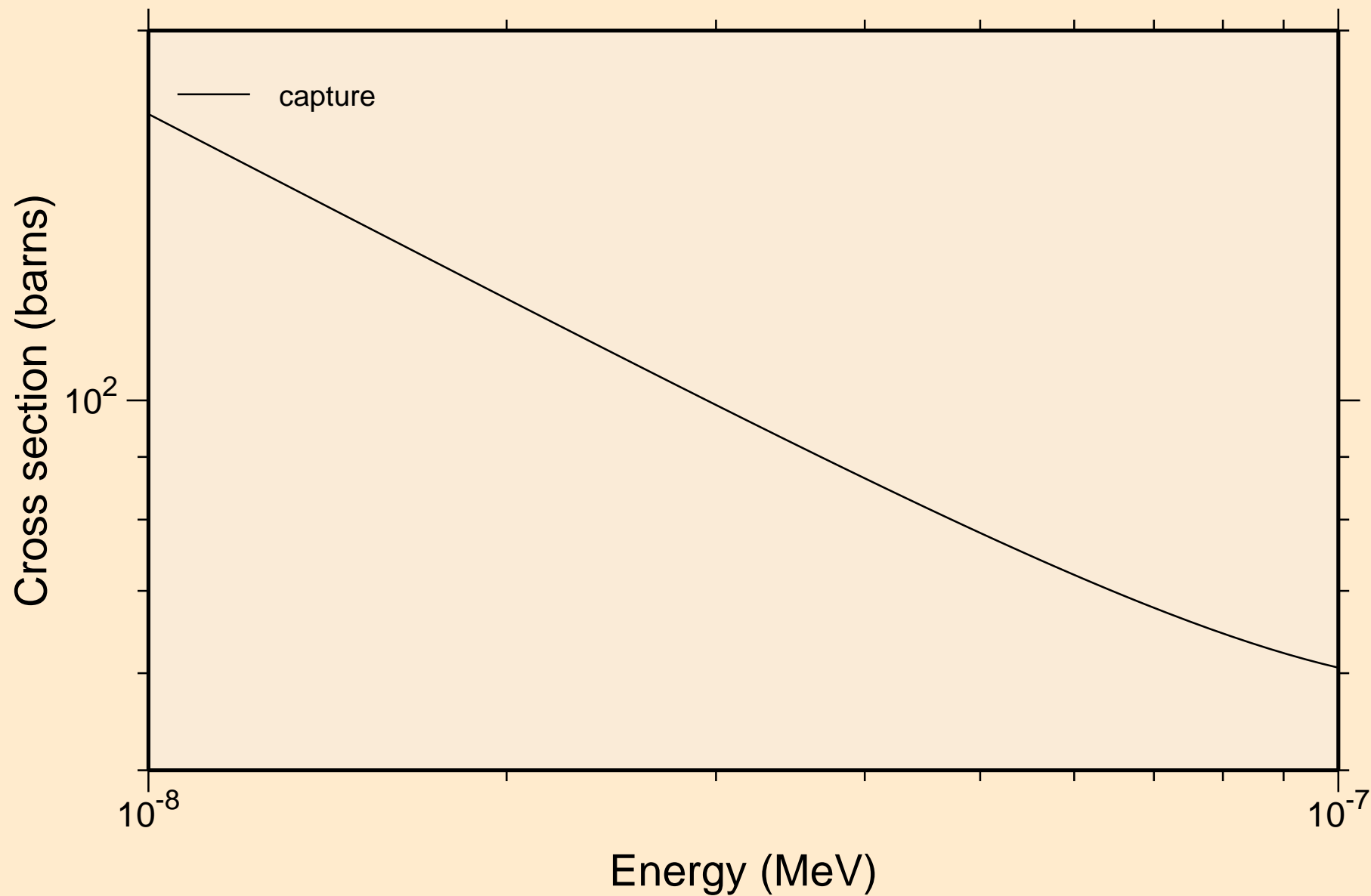
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



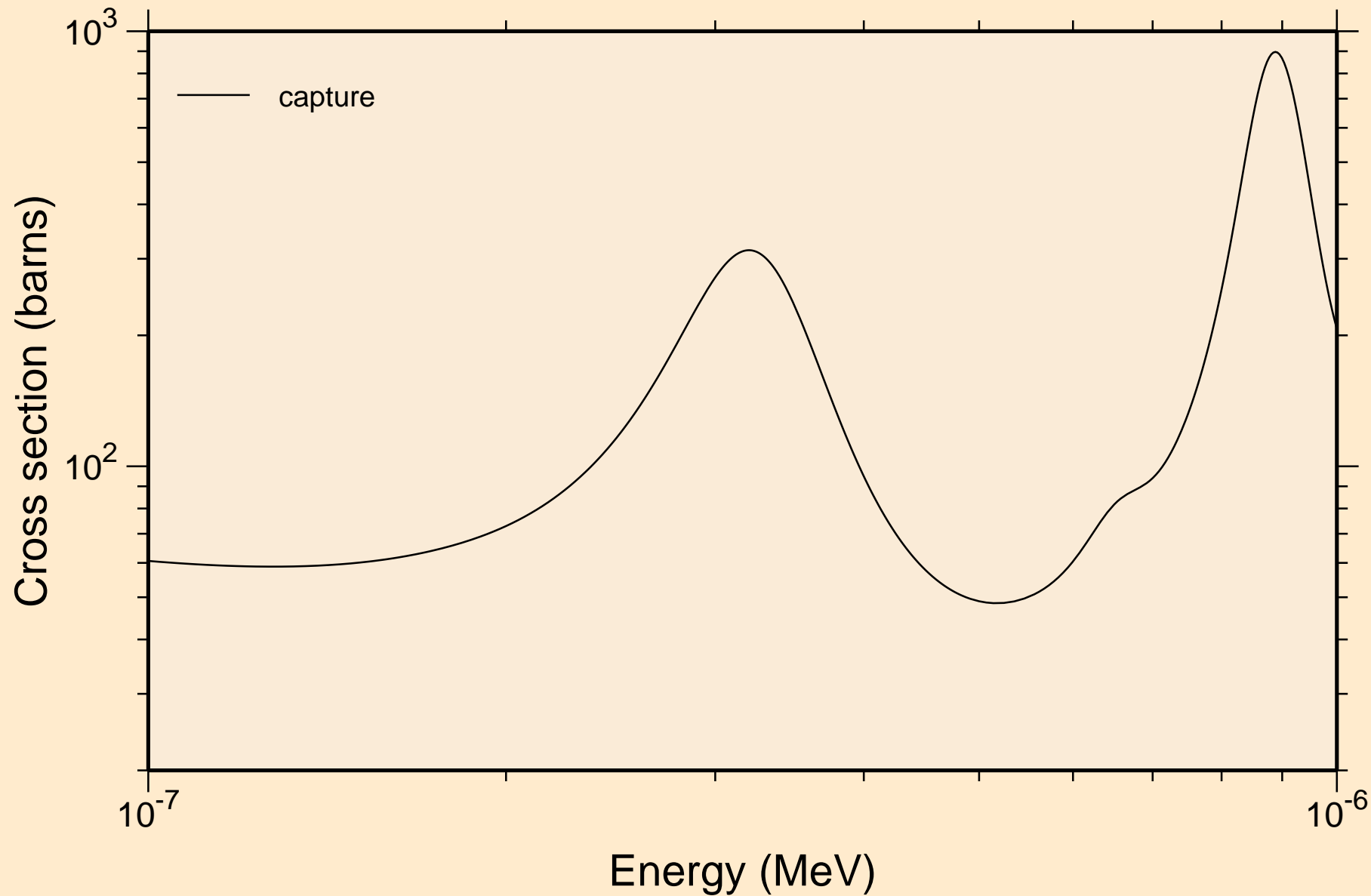
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



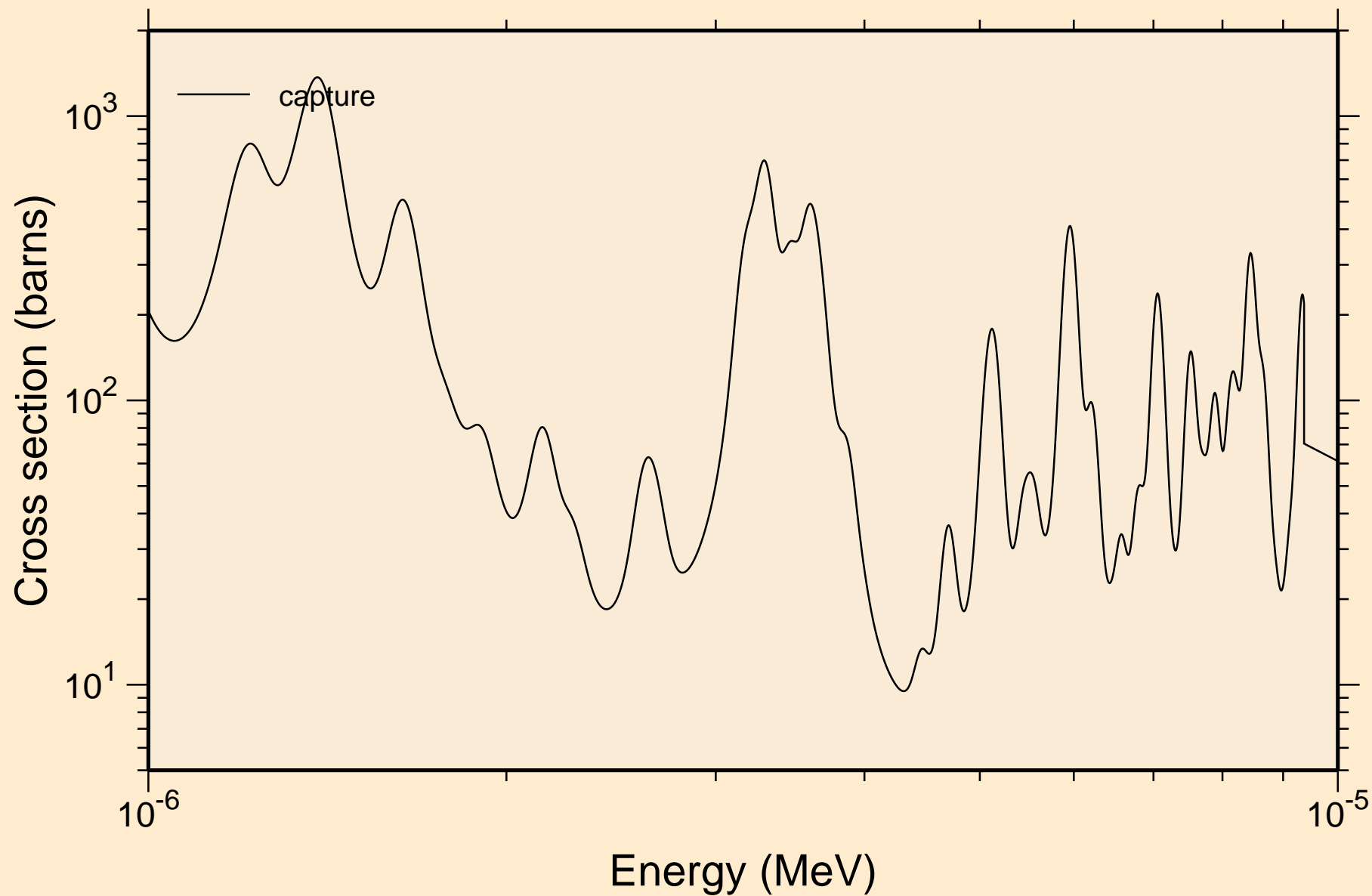
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



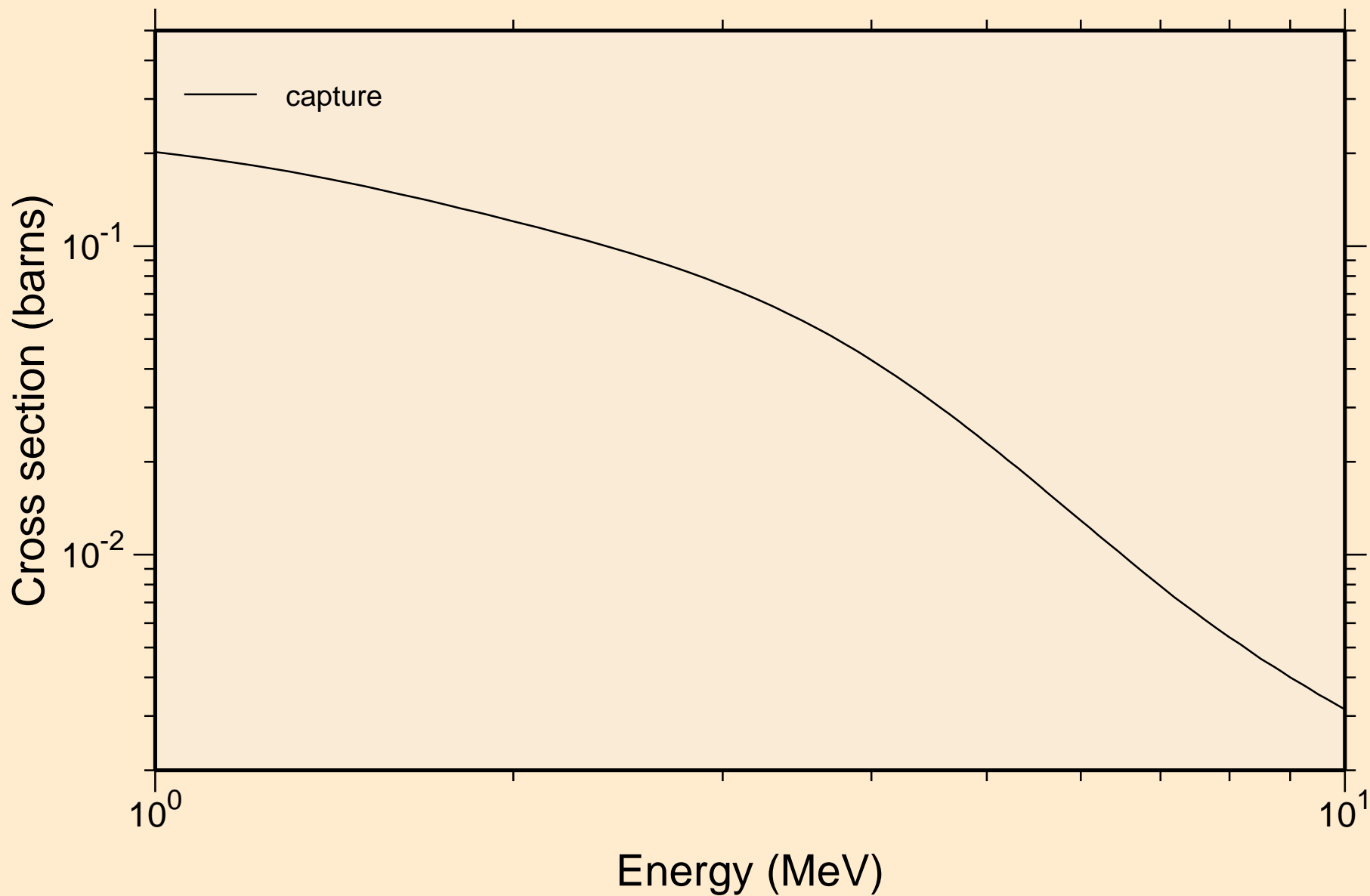
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



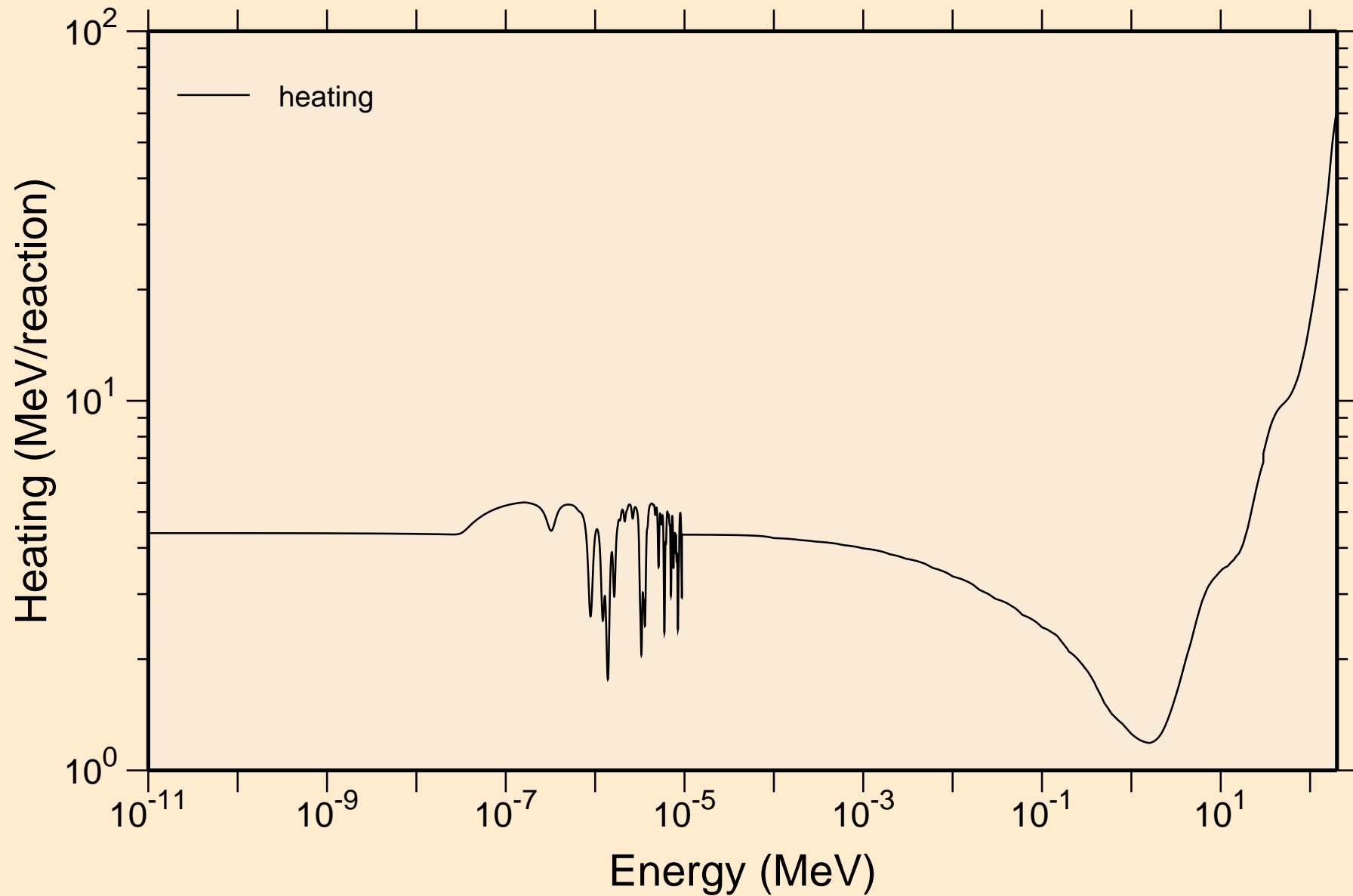
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections

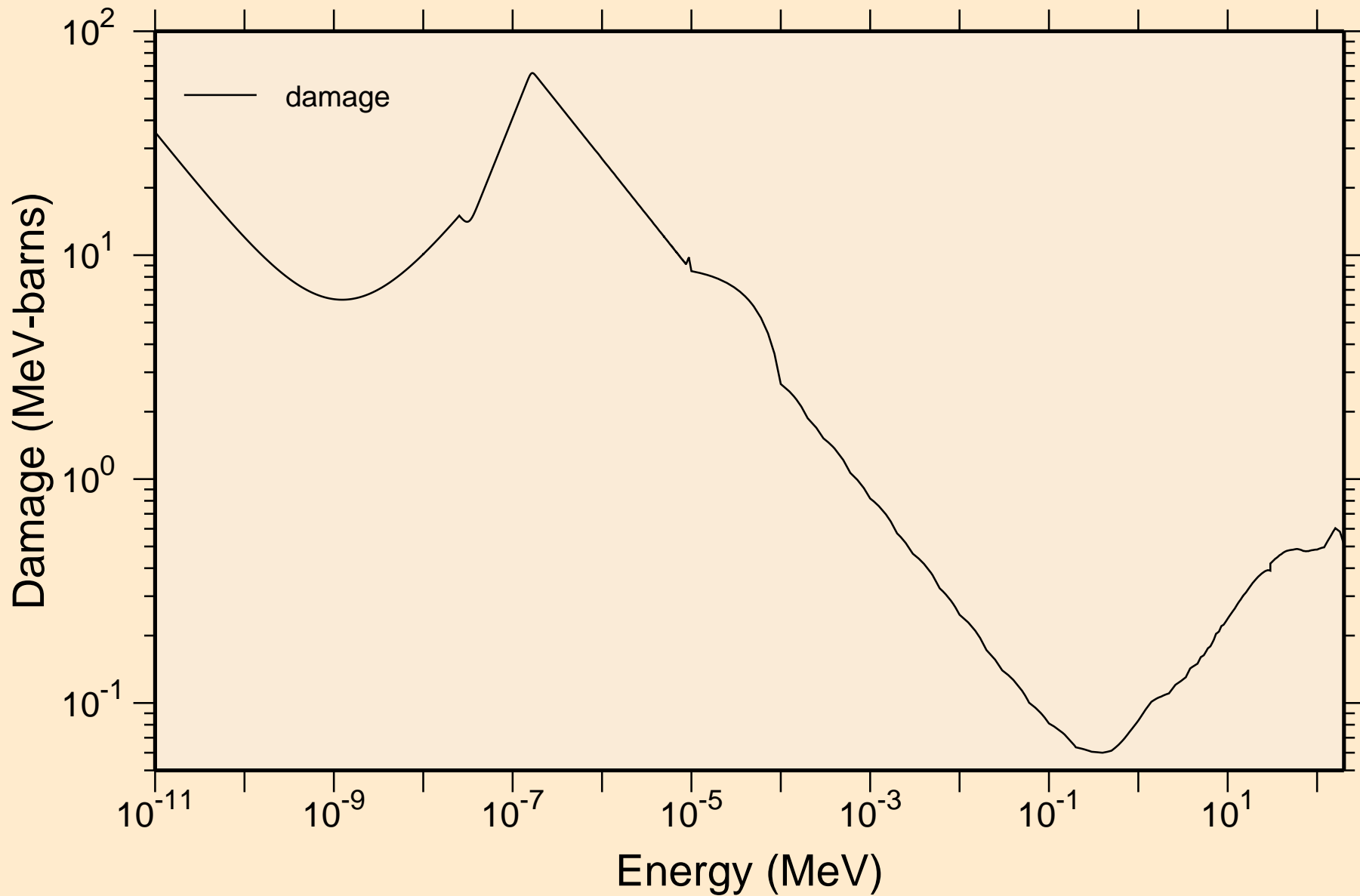


ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



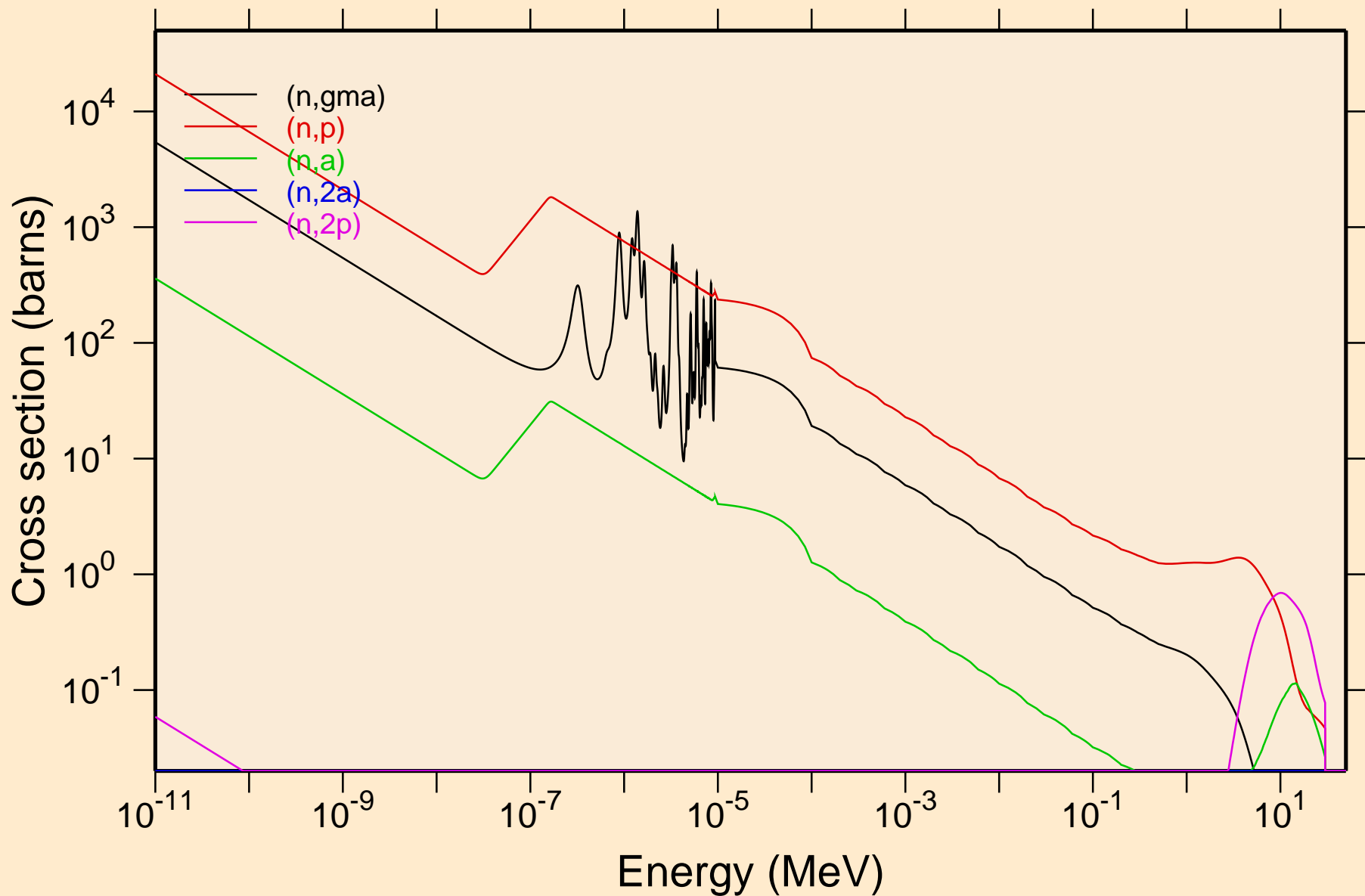
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Damage

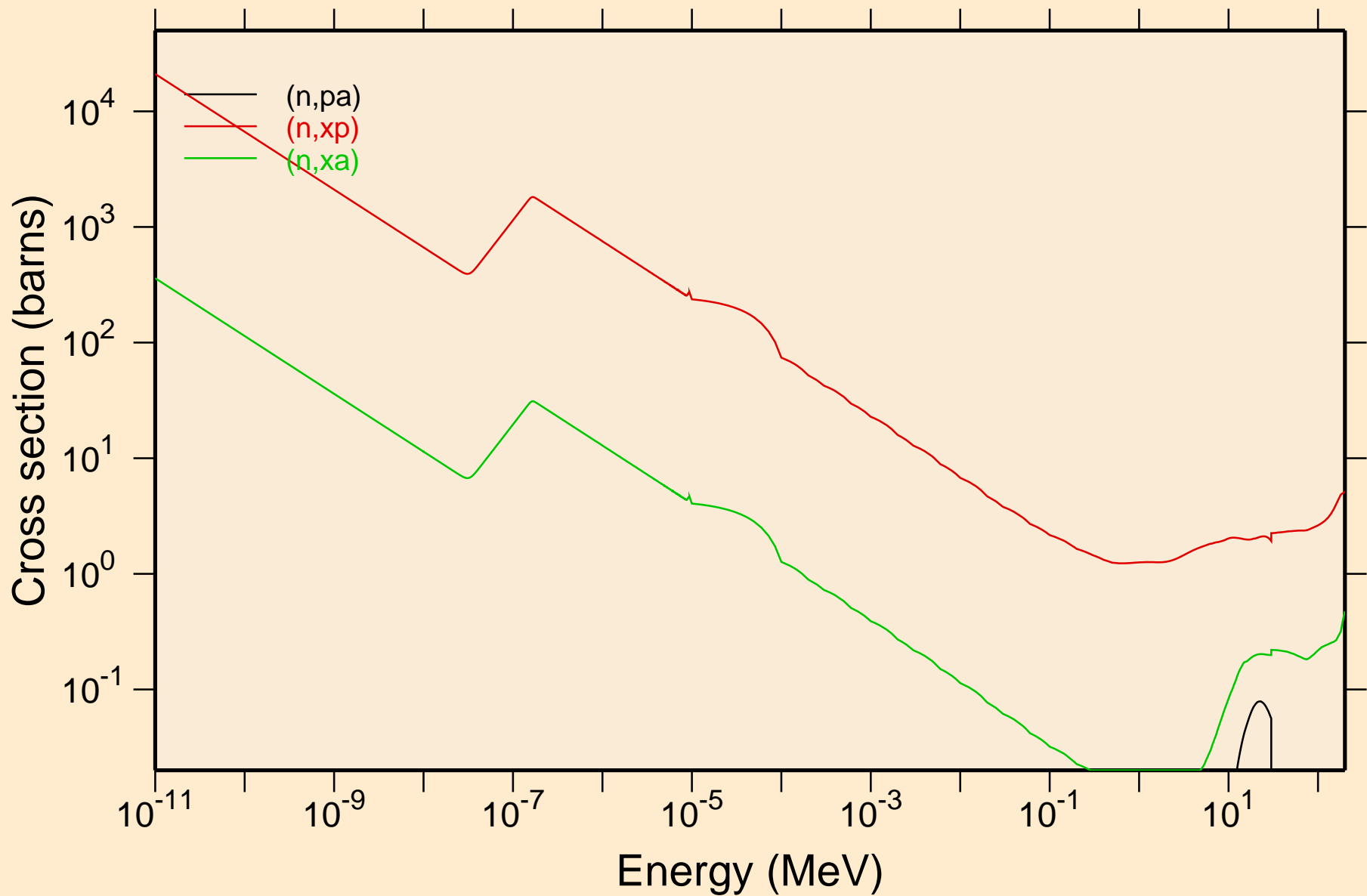


ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

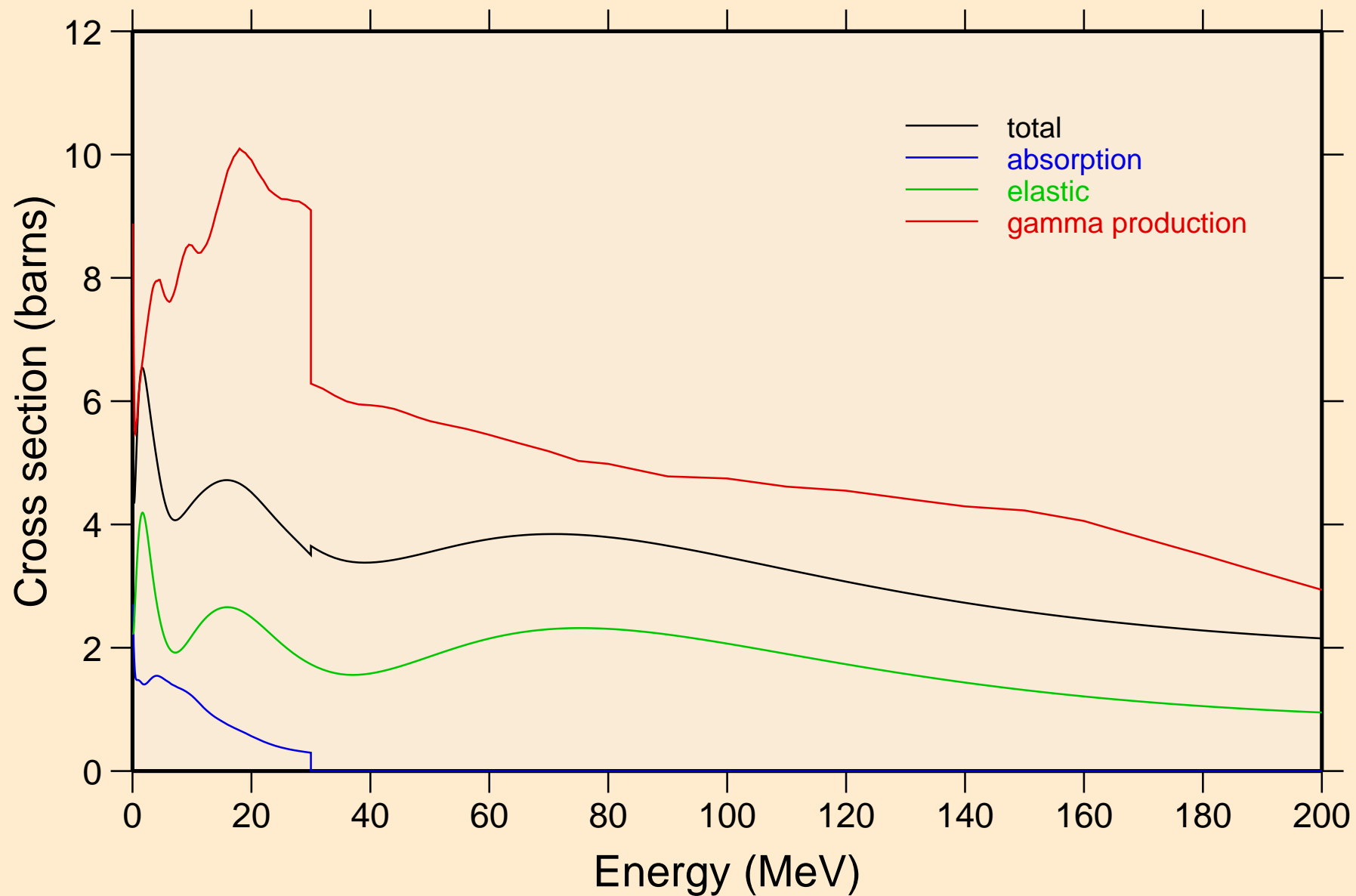
Non-threshold reactions



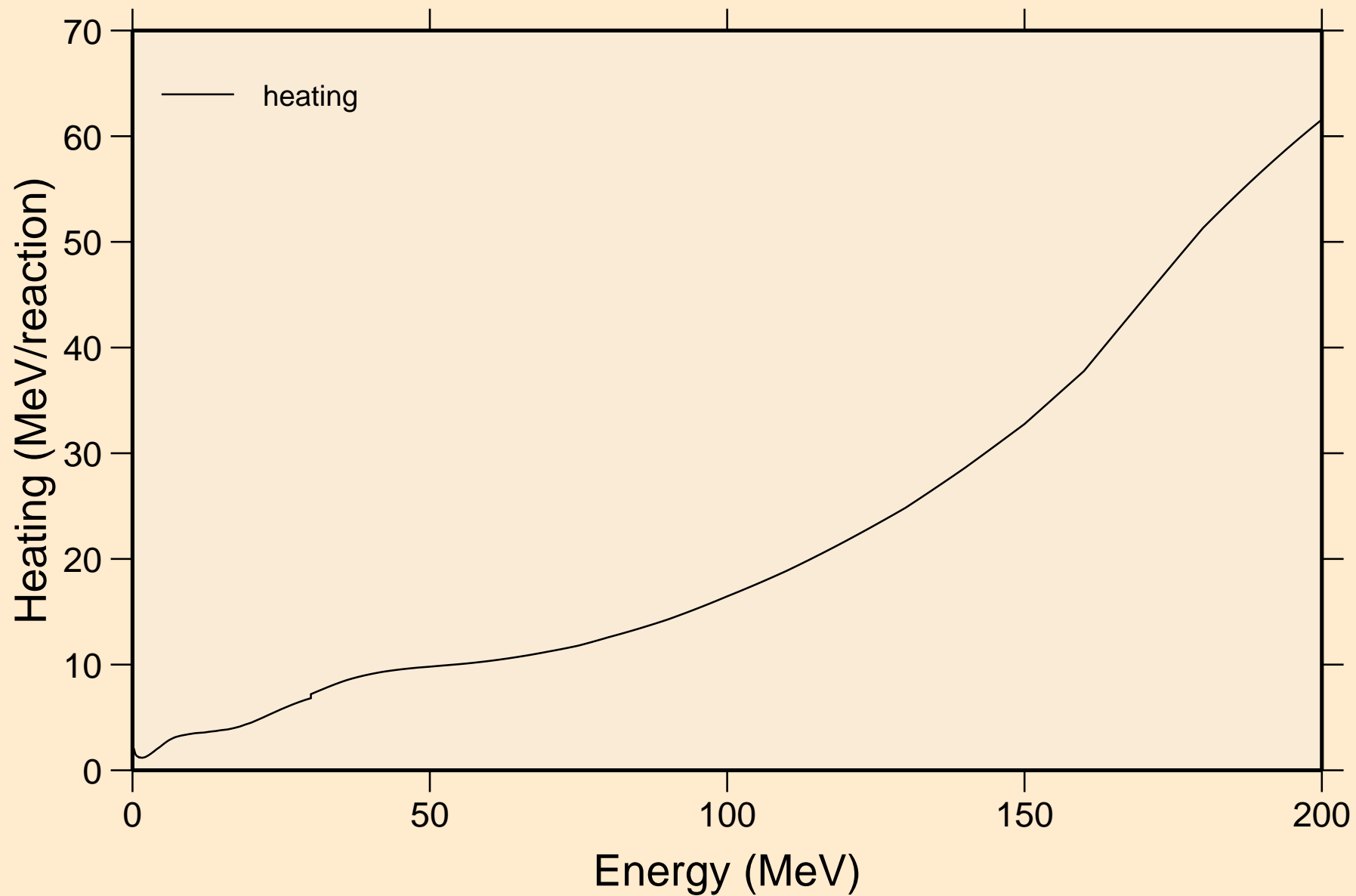
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



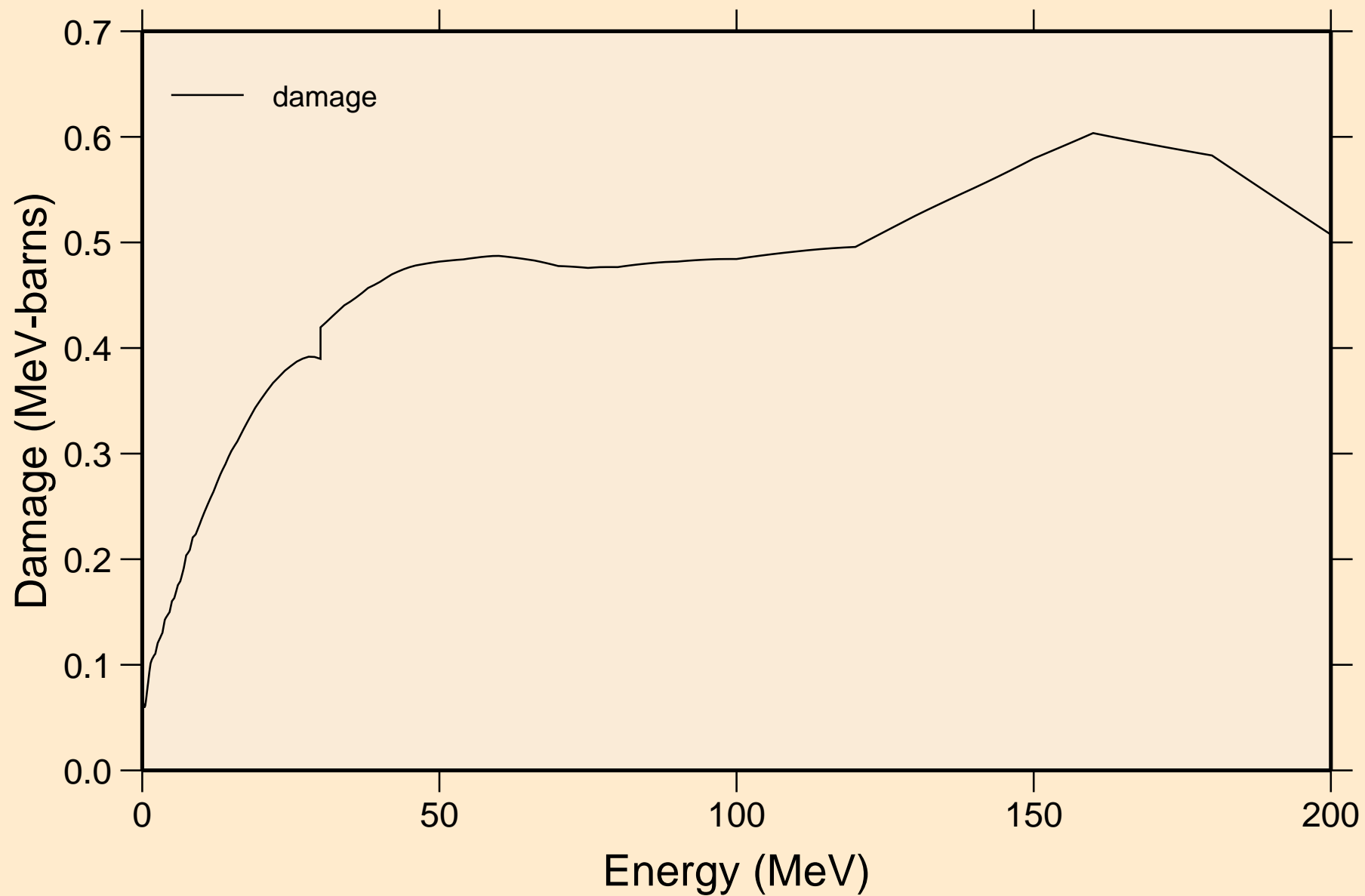
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating

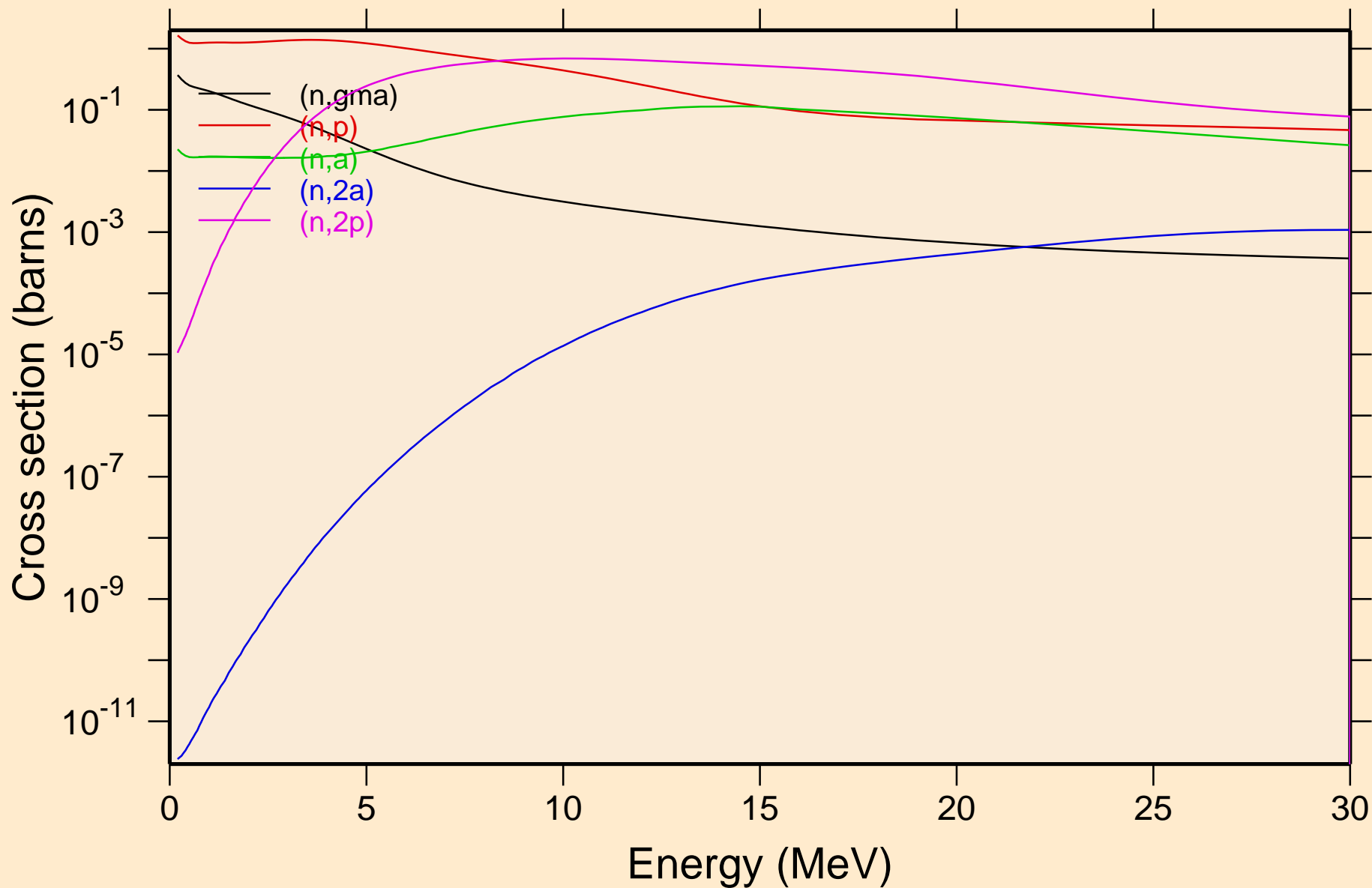


ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage

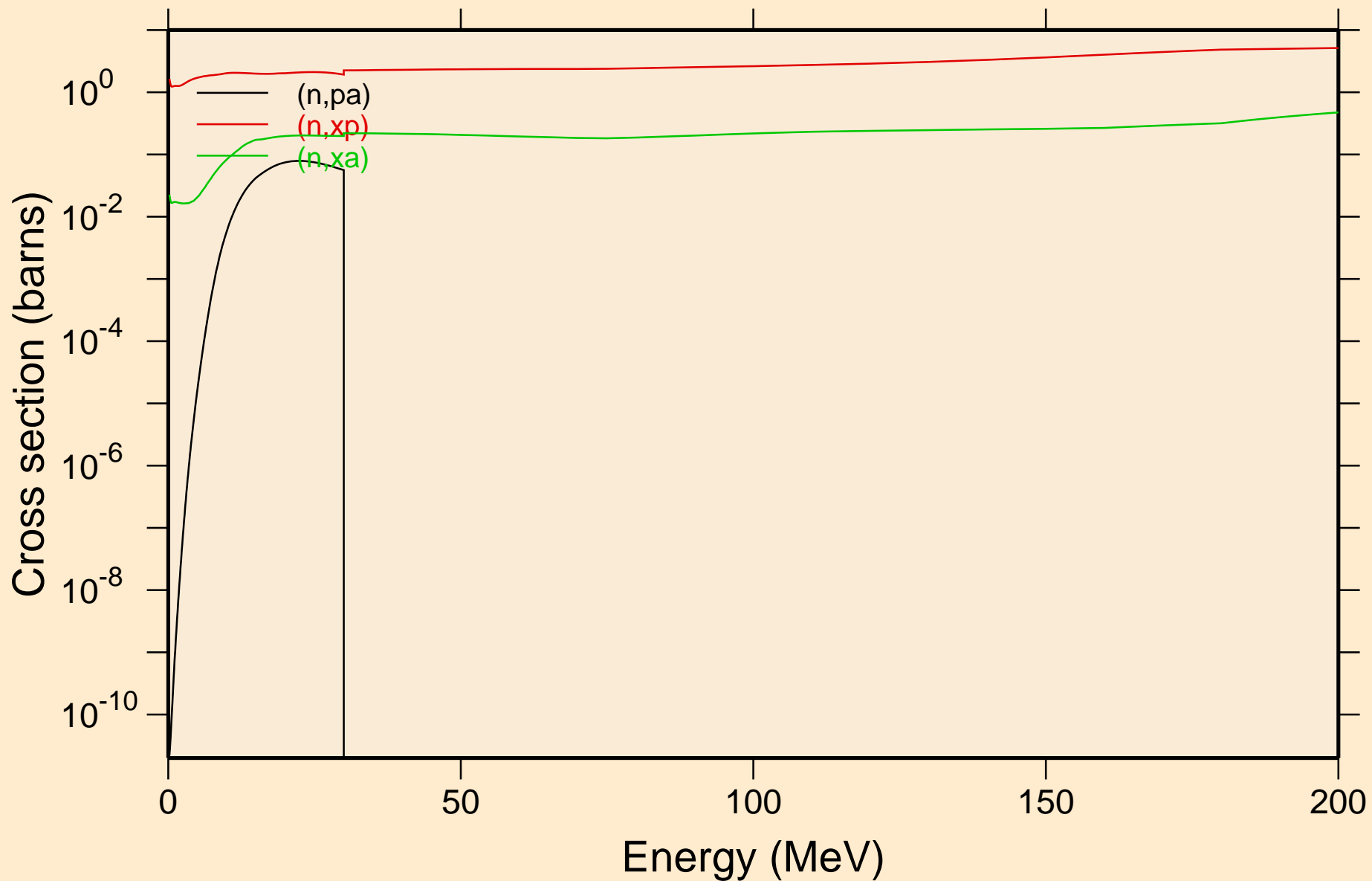


ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

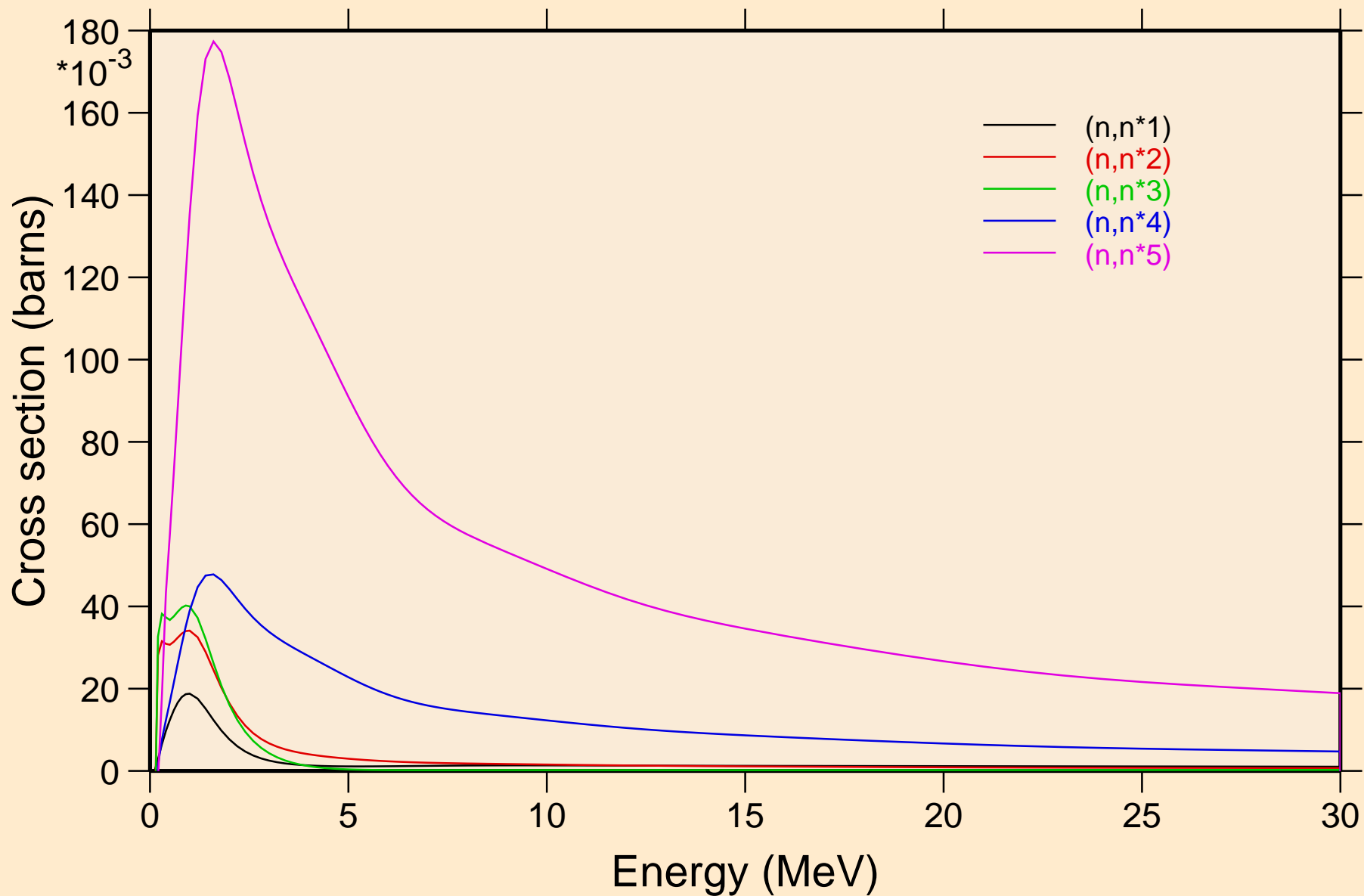
Non-threshold reactions



ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

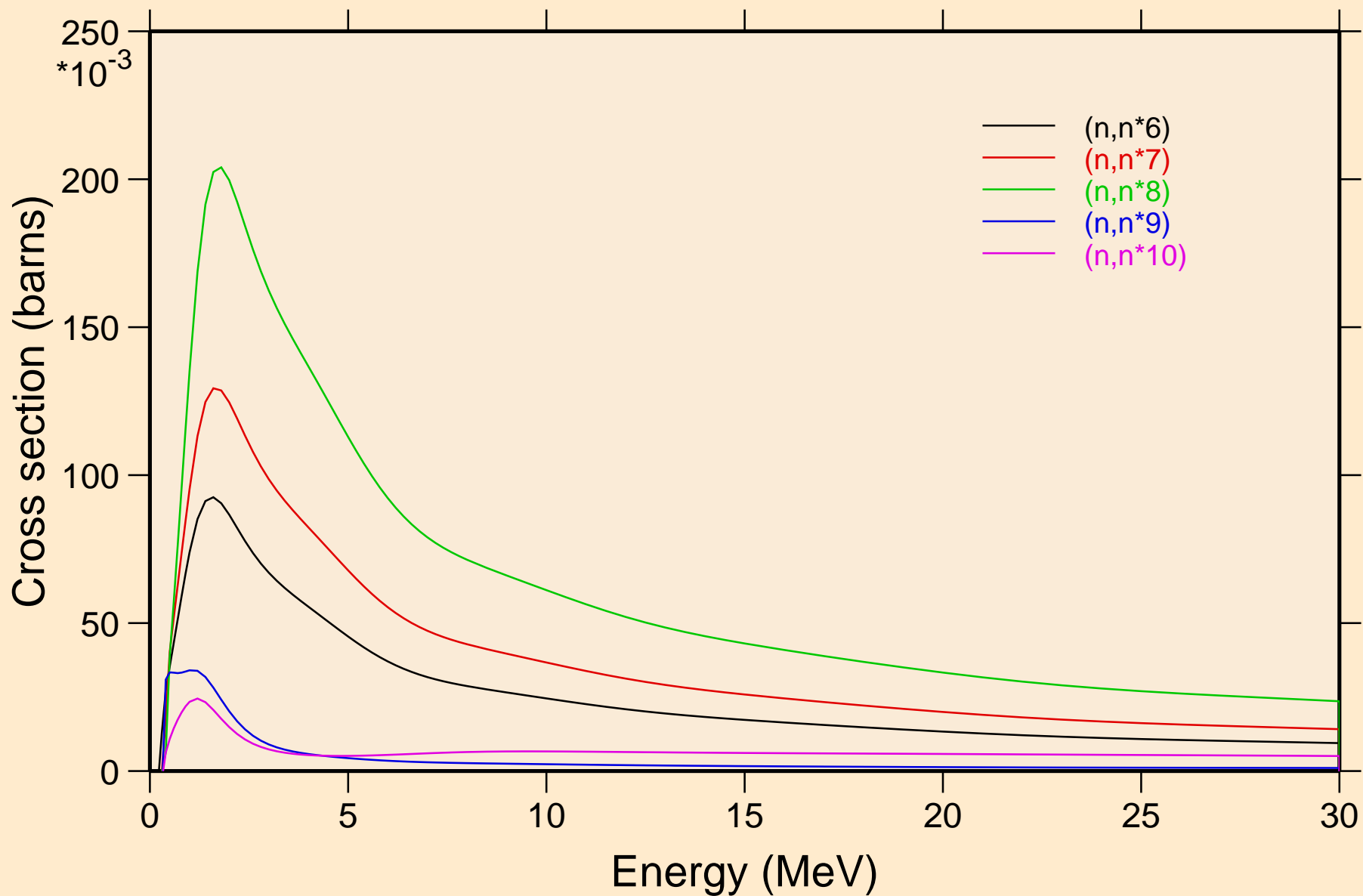


ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

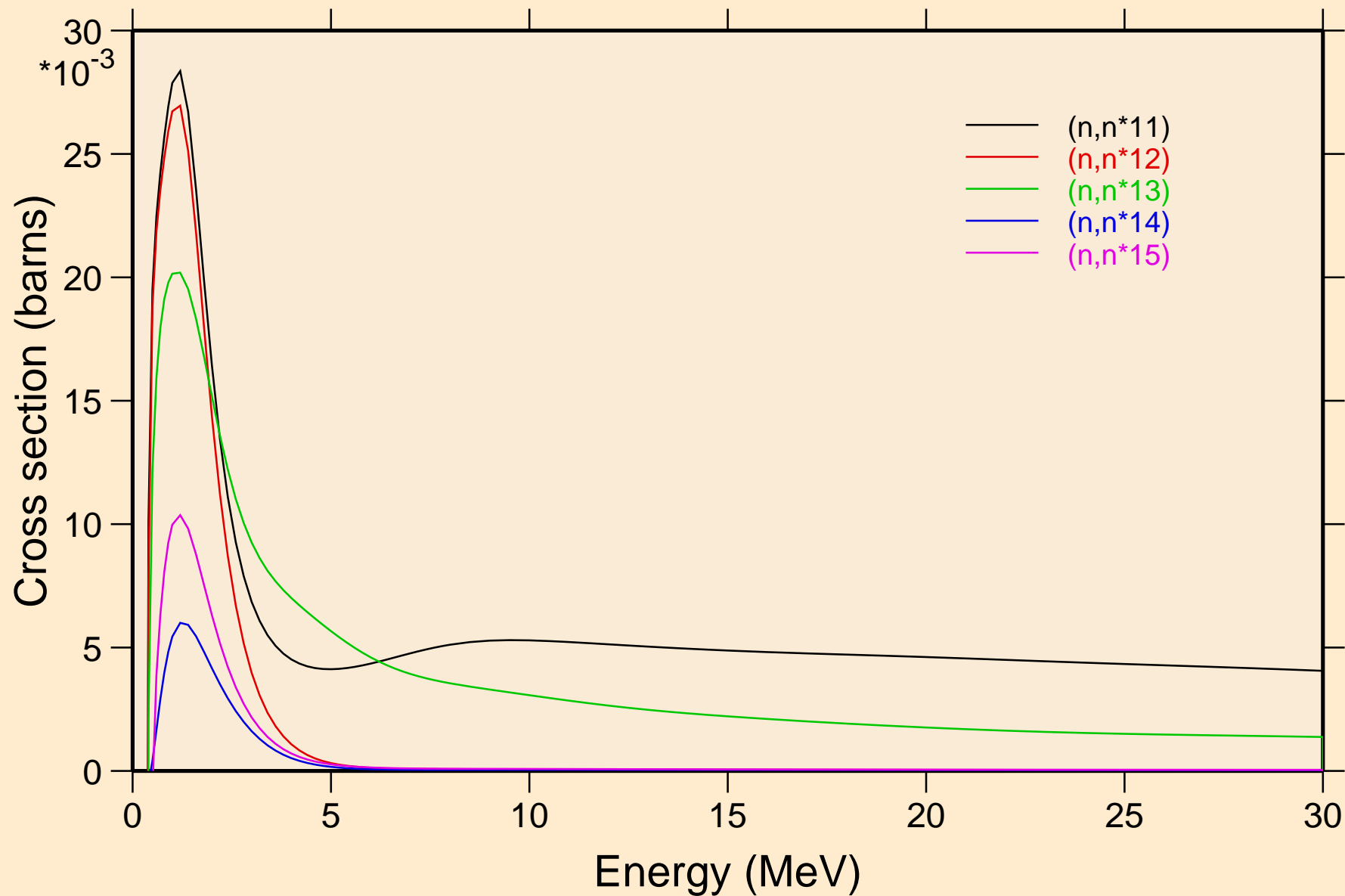


ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

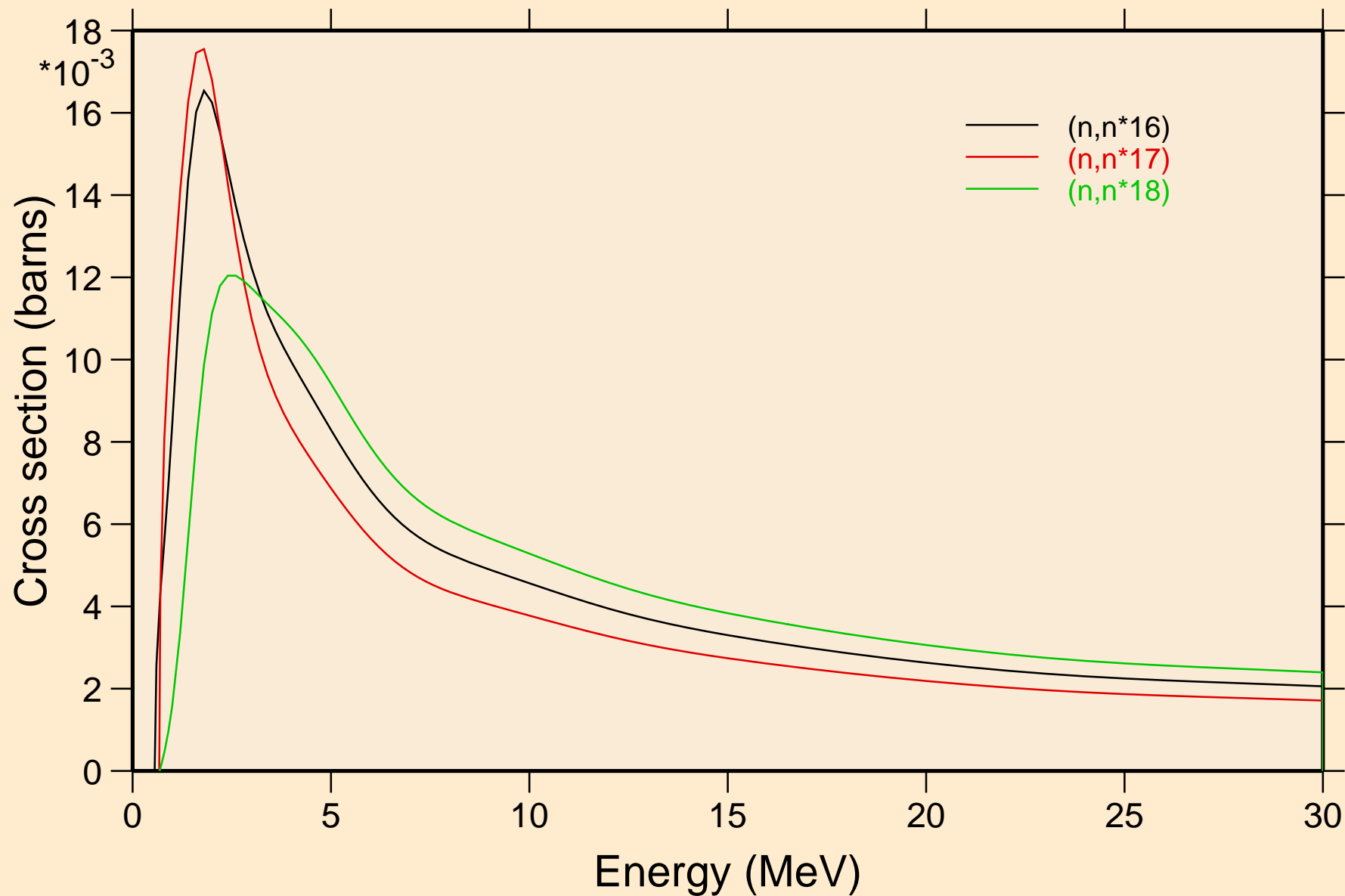
Inelastic levels



ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

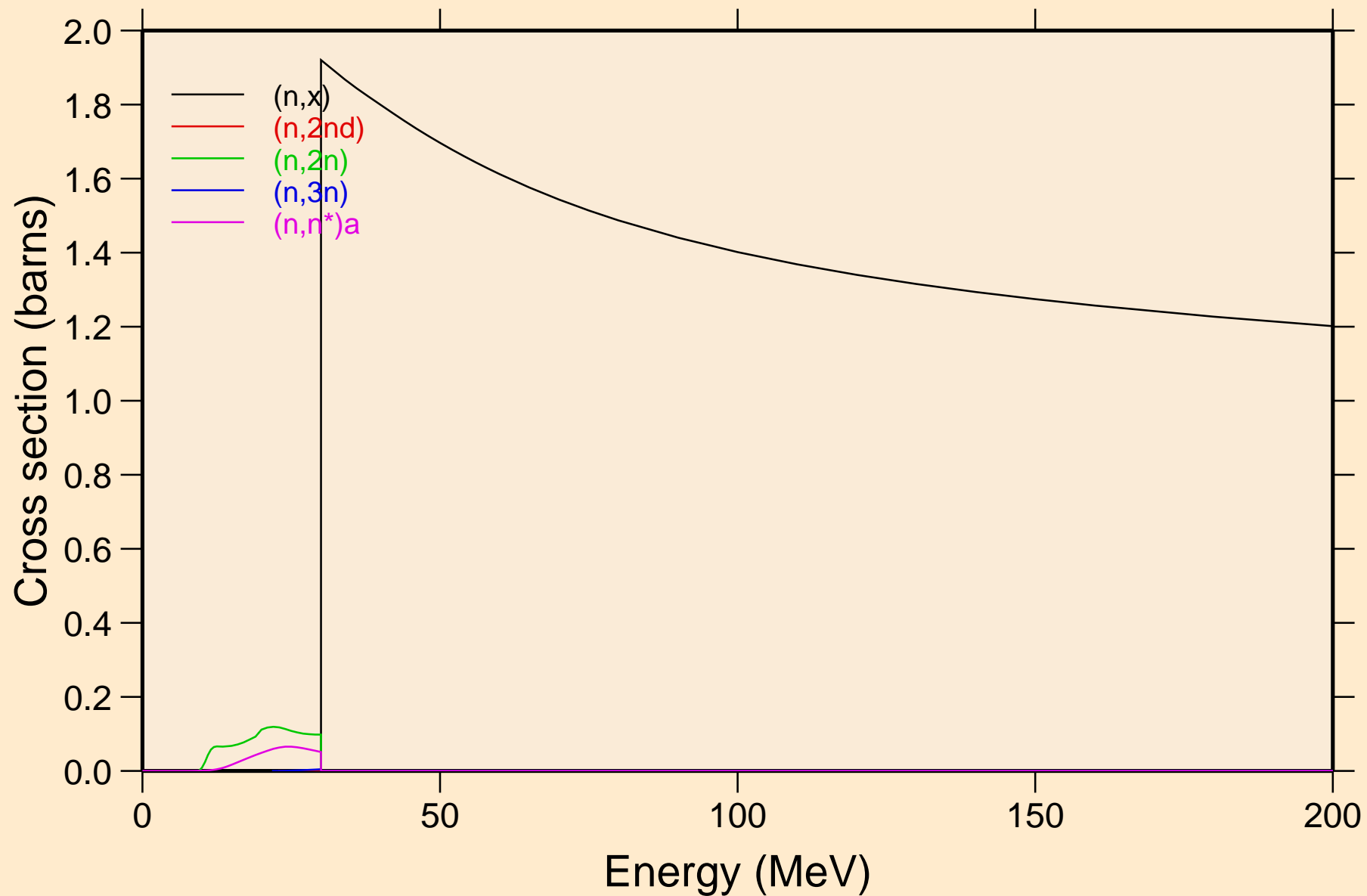


ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

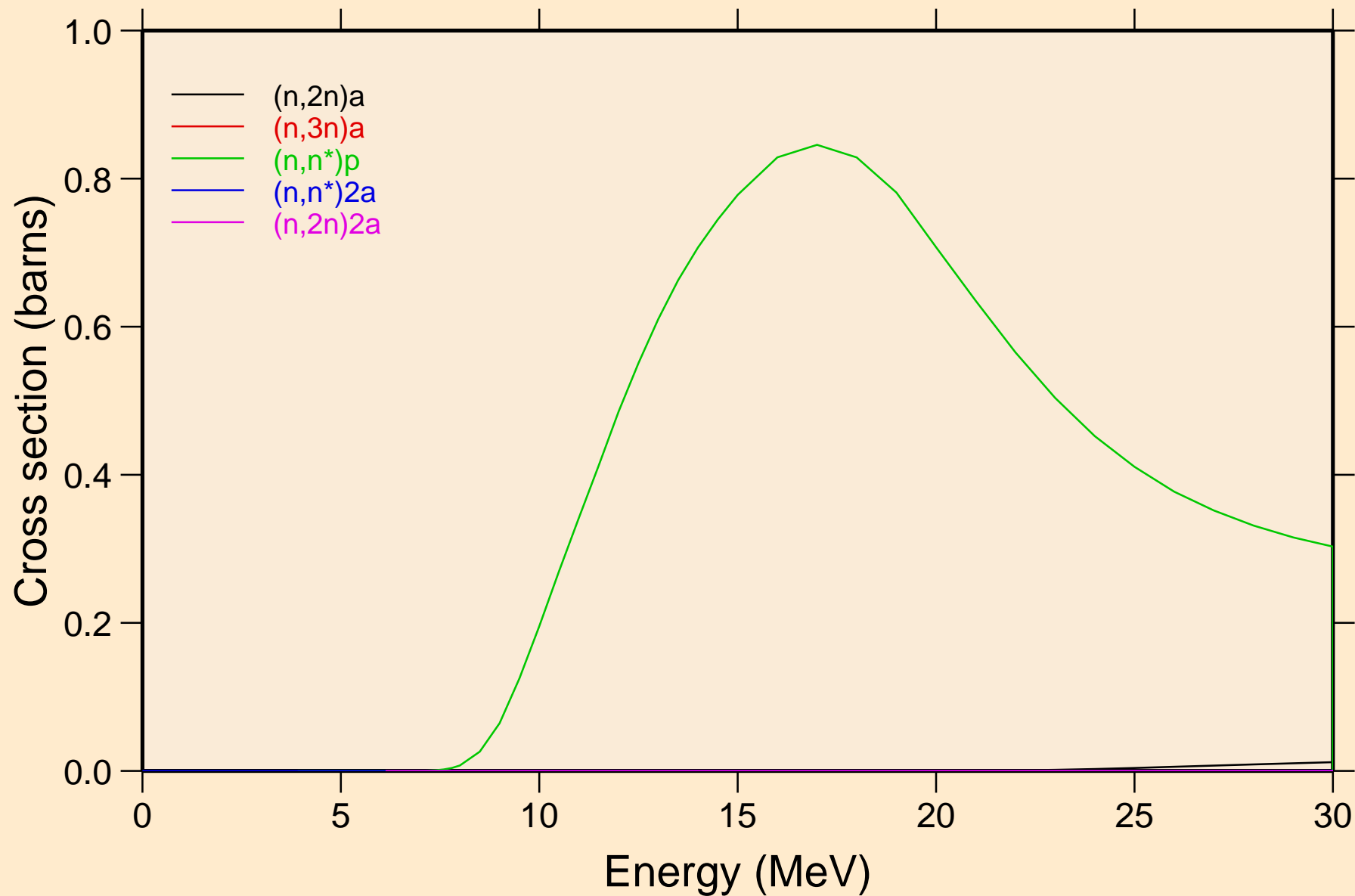


ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

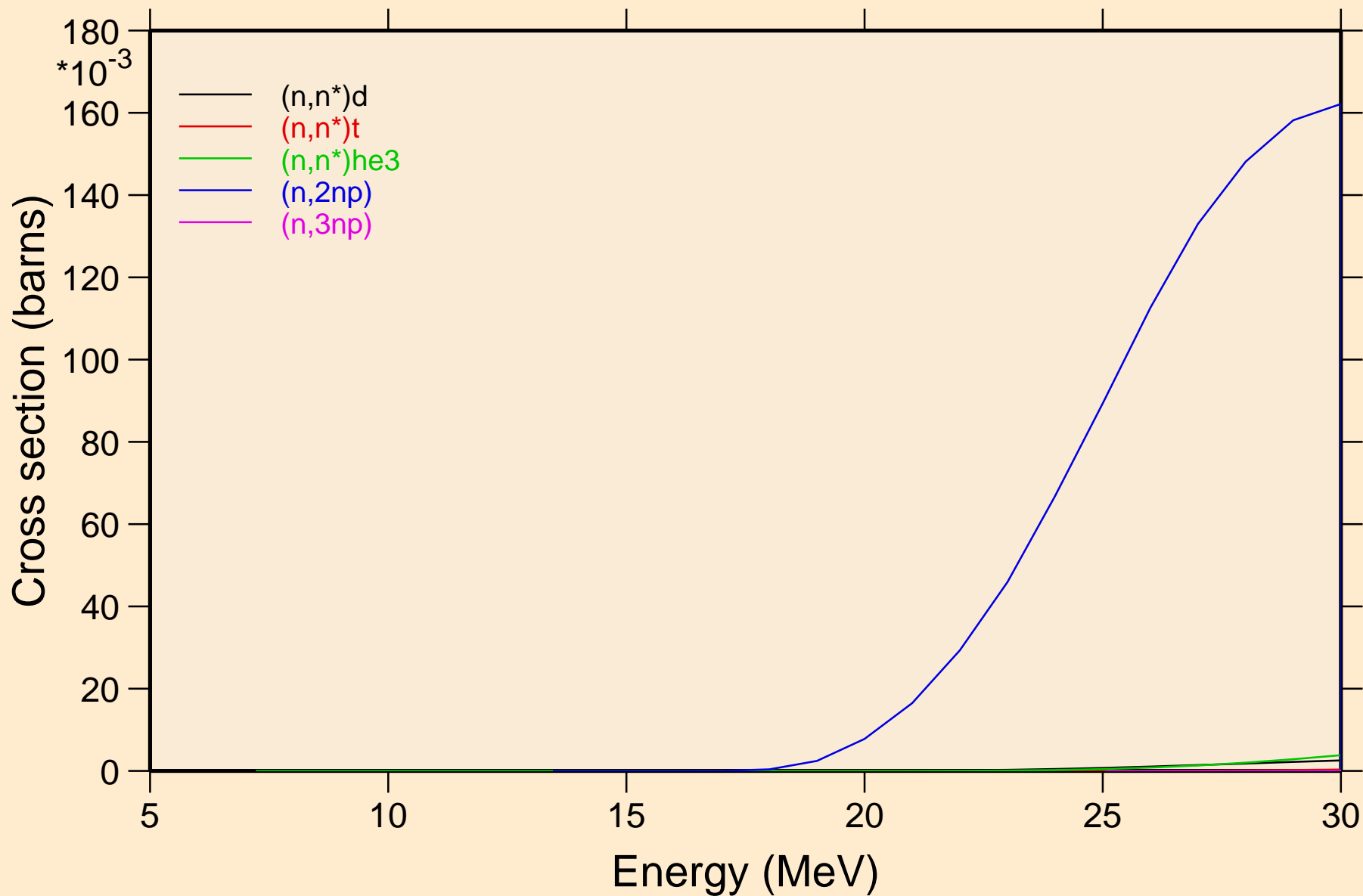


ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



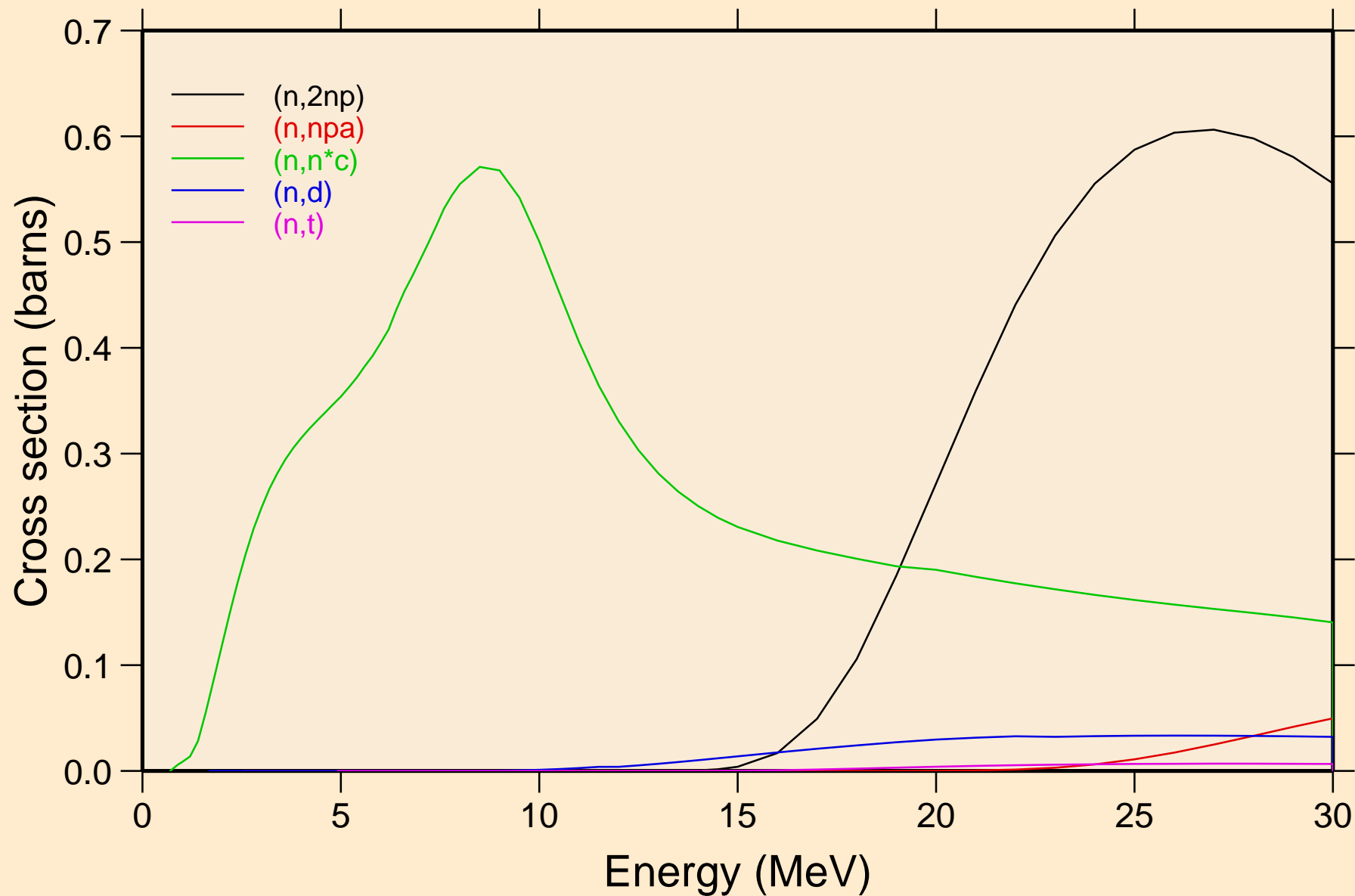
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions



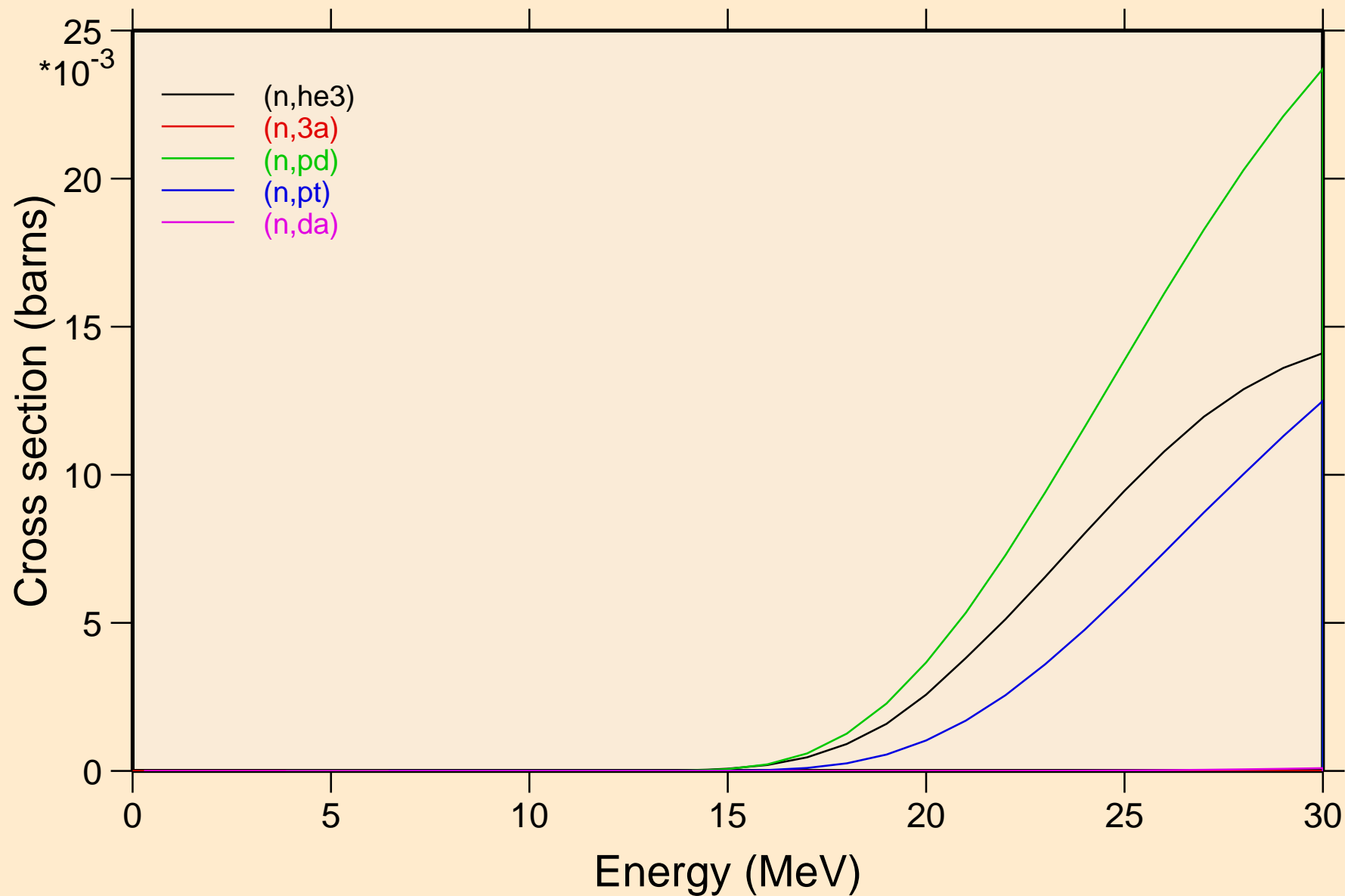
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions



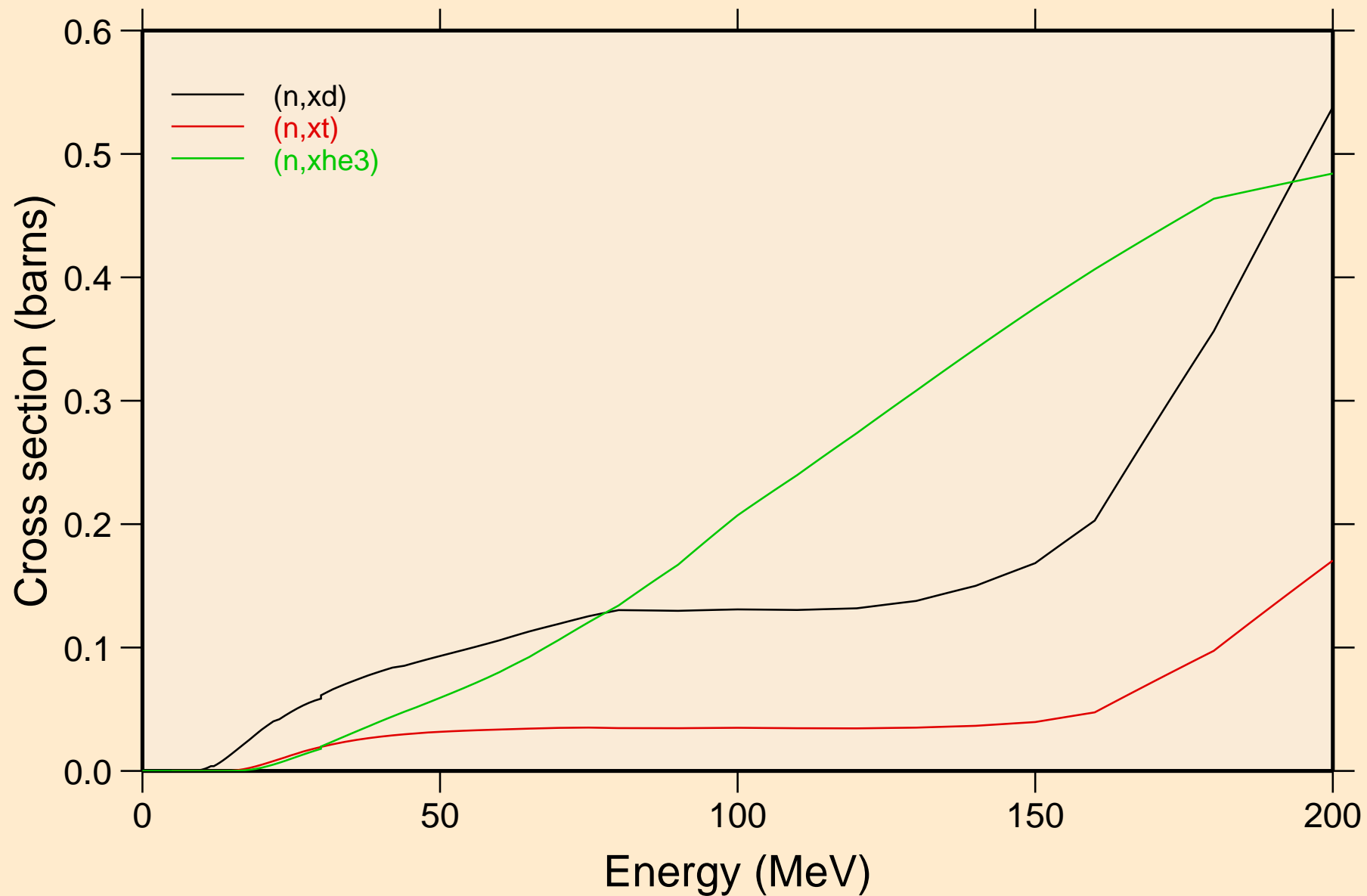
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

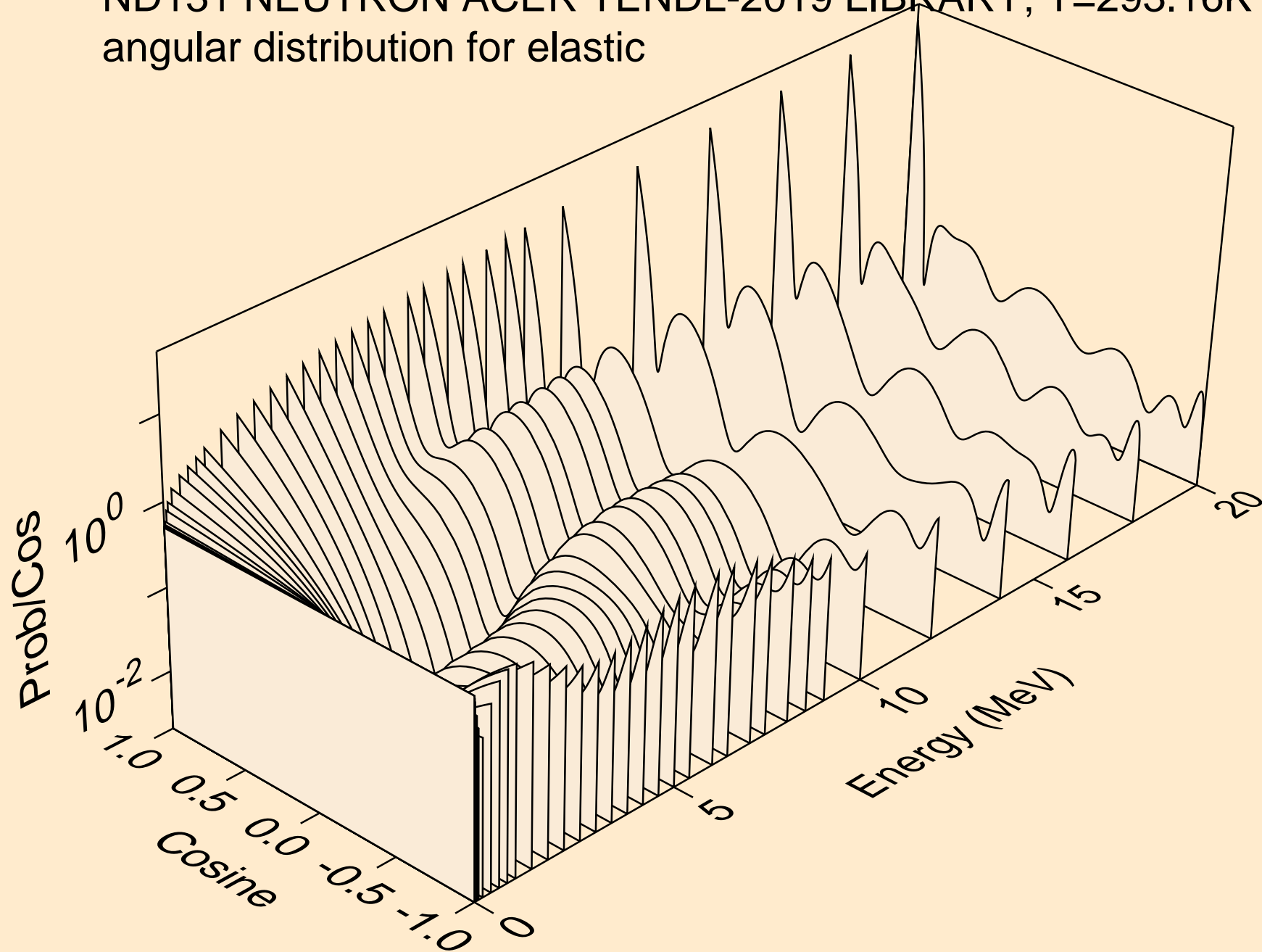


ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

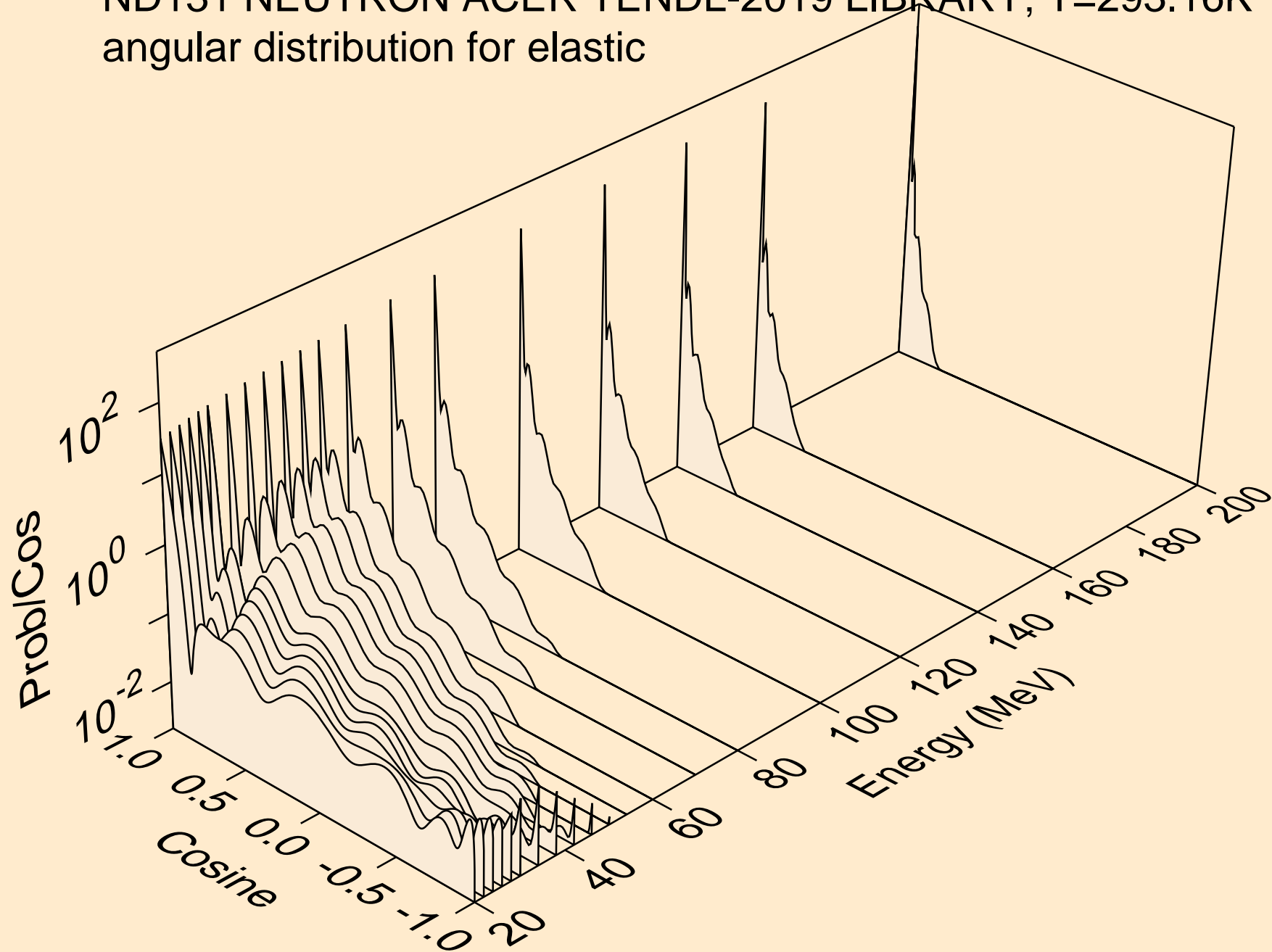
Threshold reactions



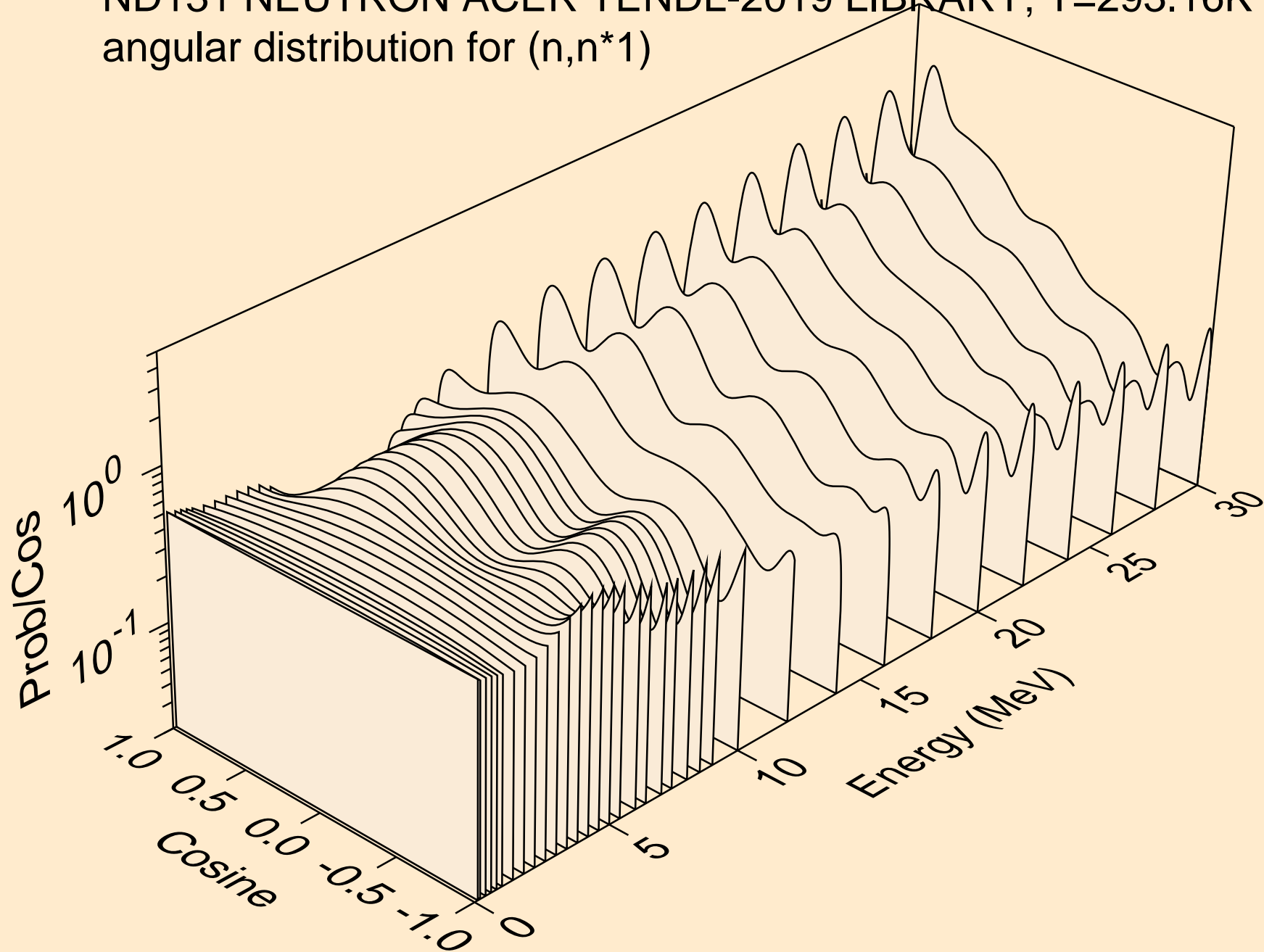
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



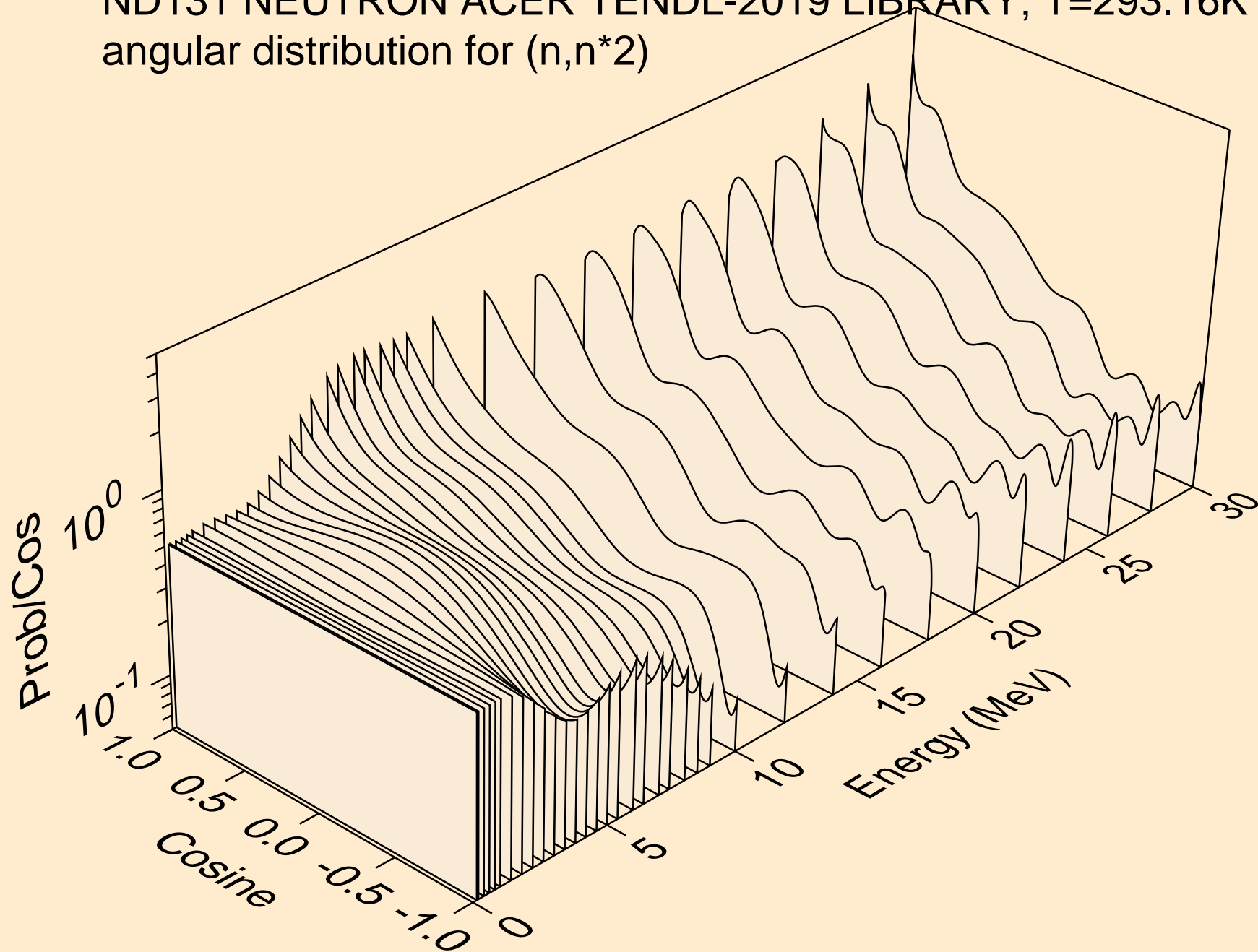
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



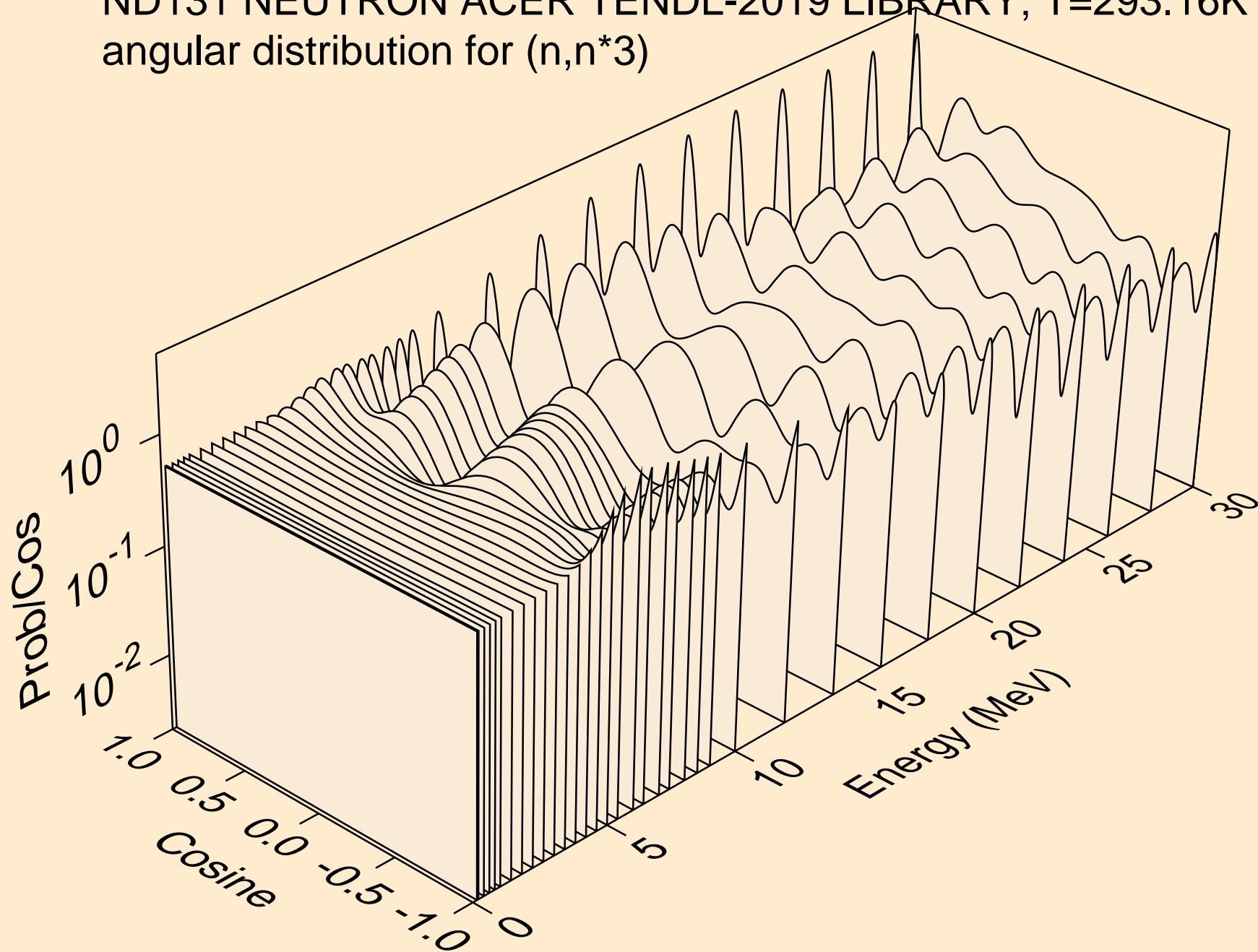
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



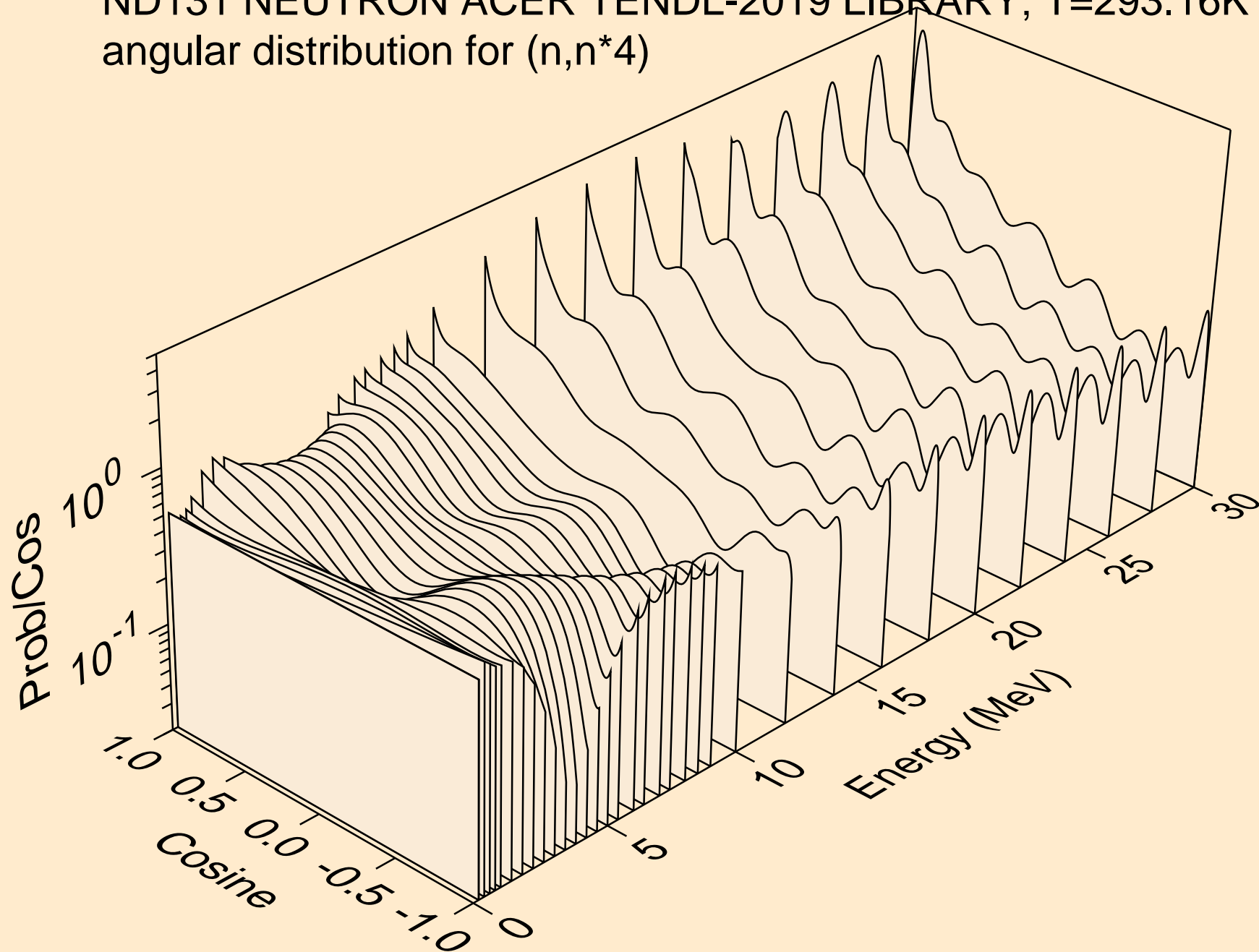
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



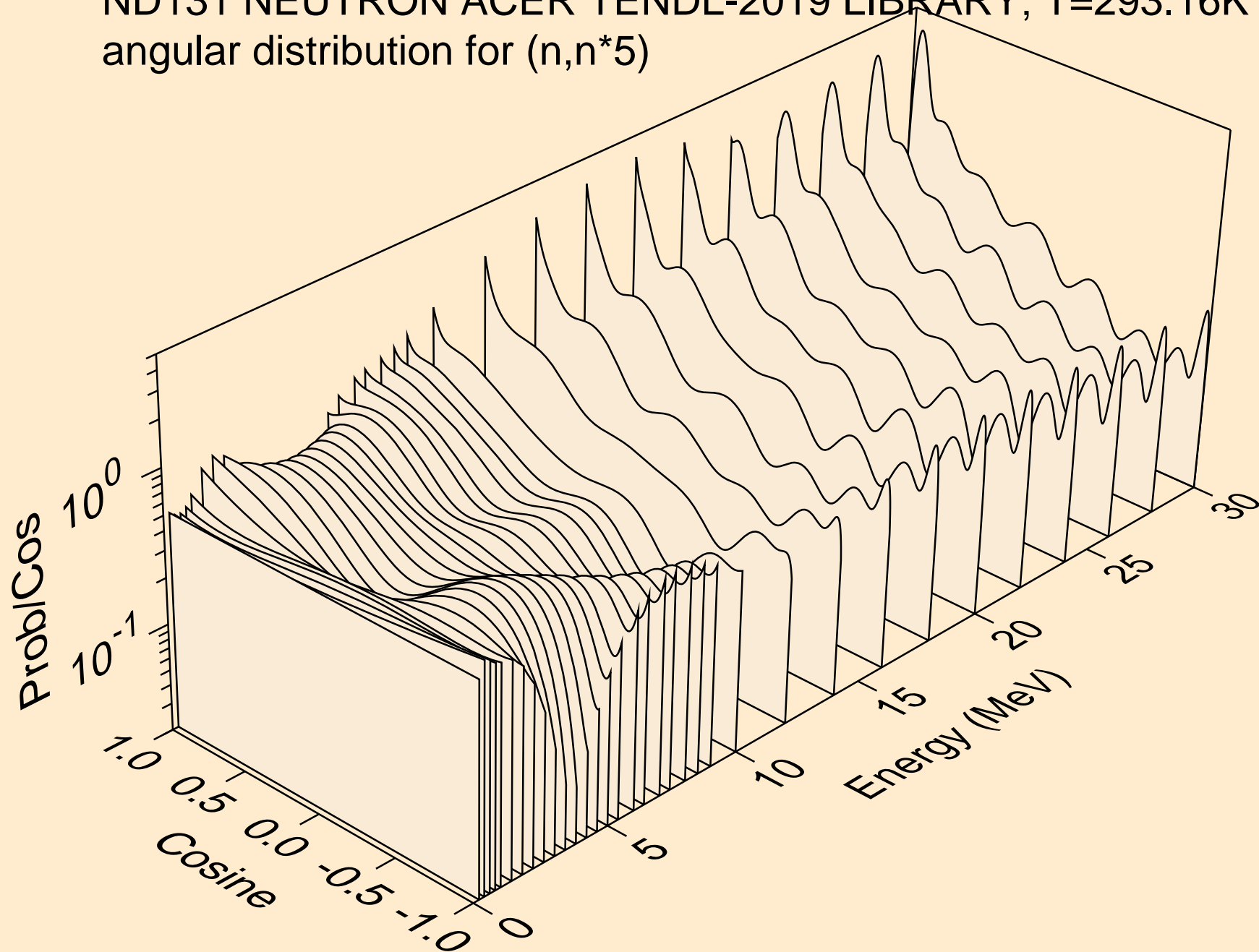
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



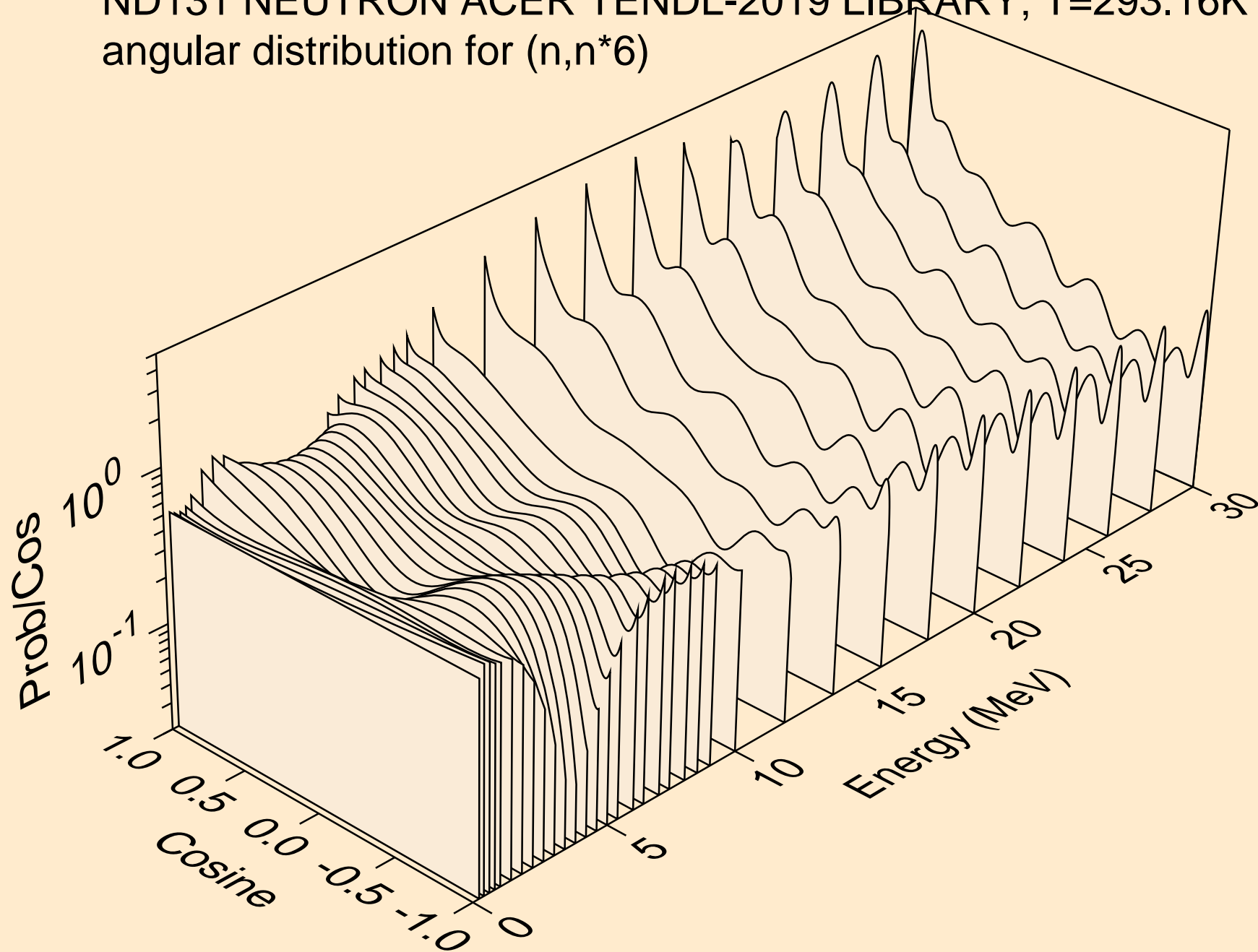
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



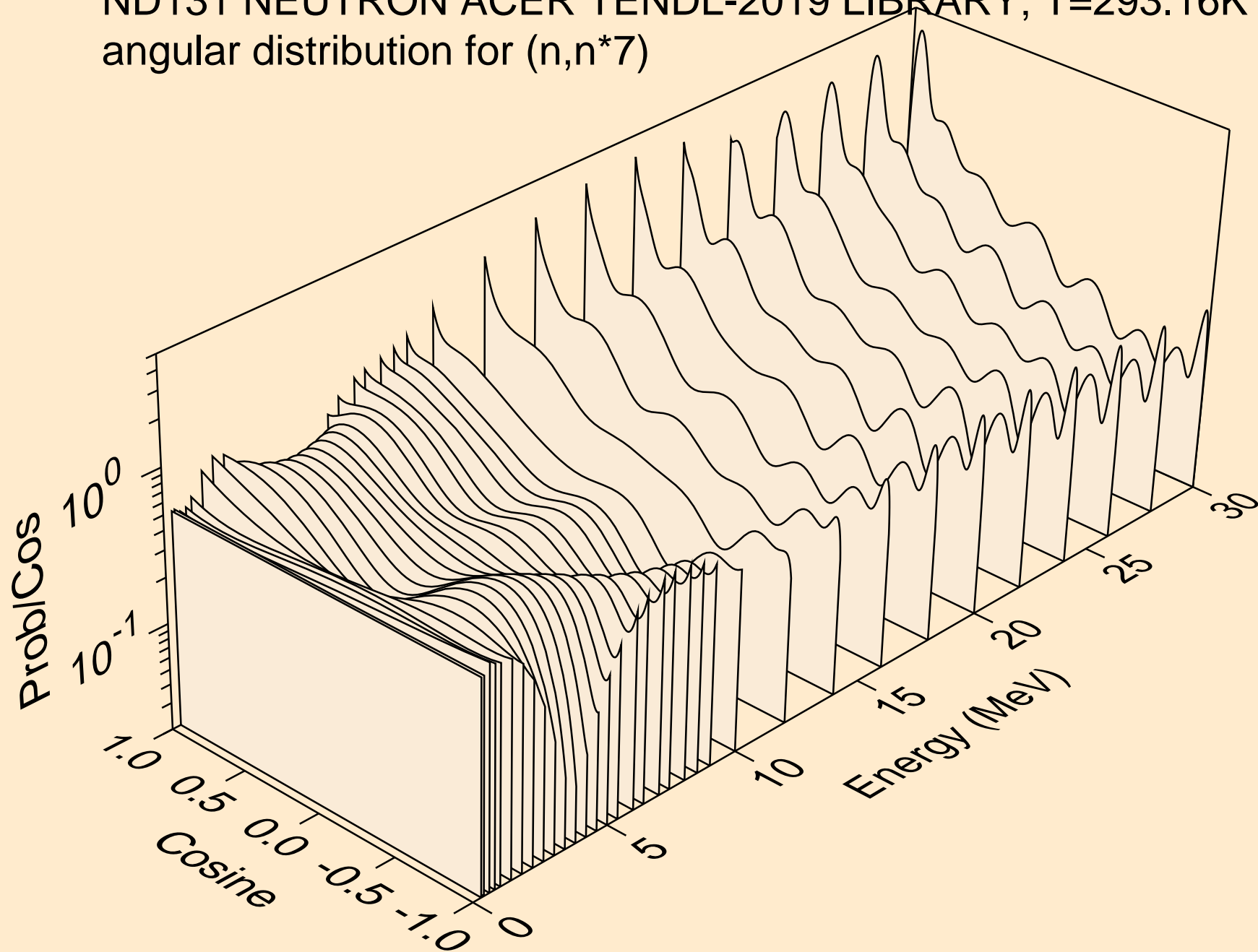
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



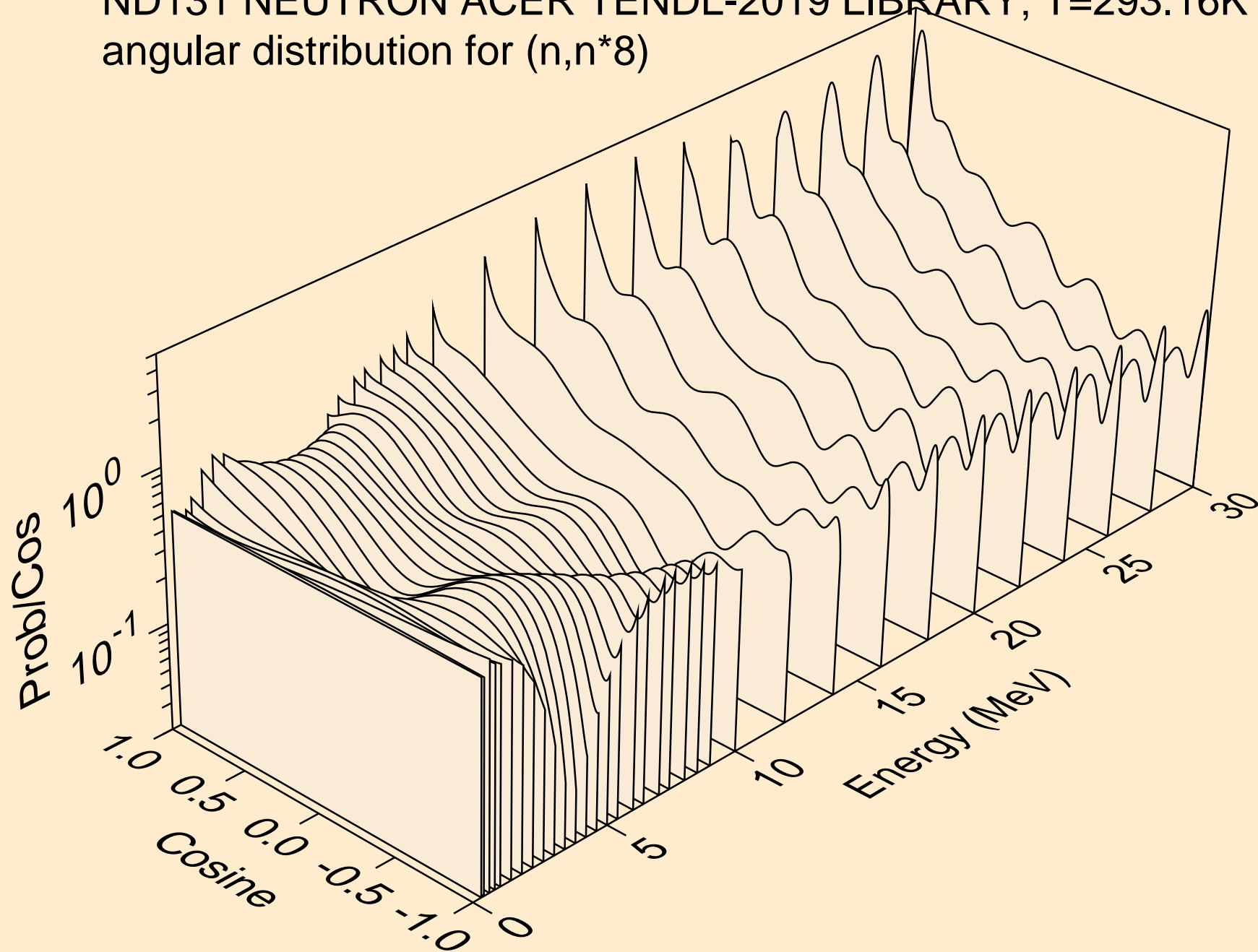
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



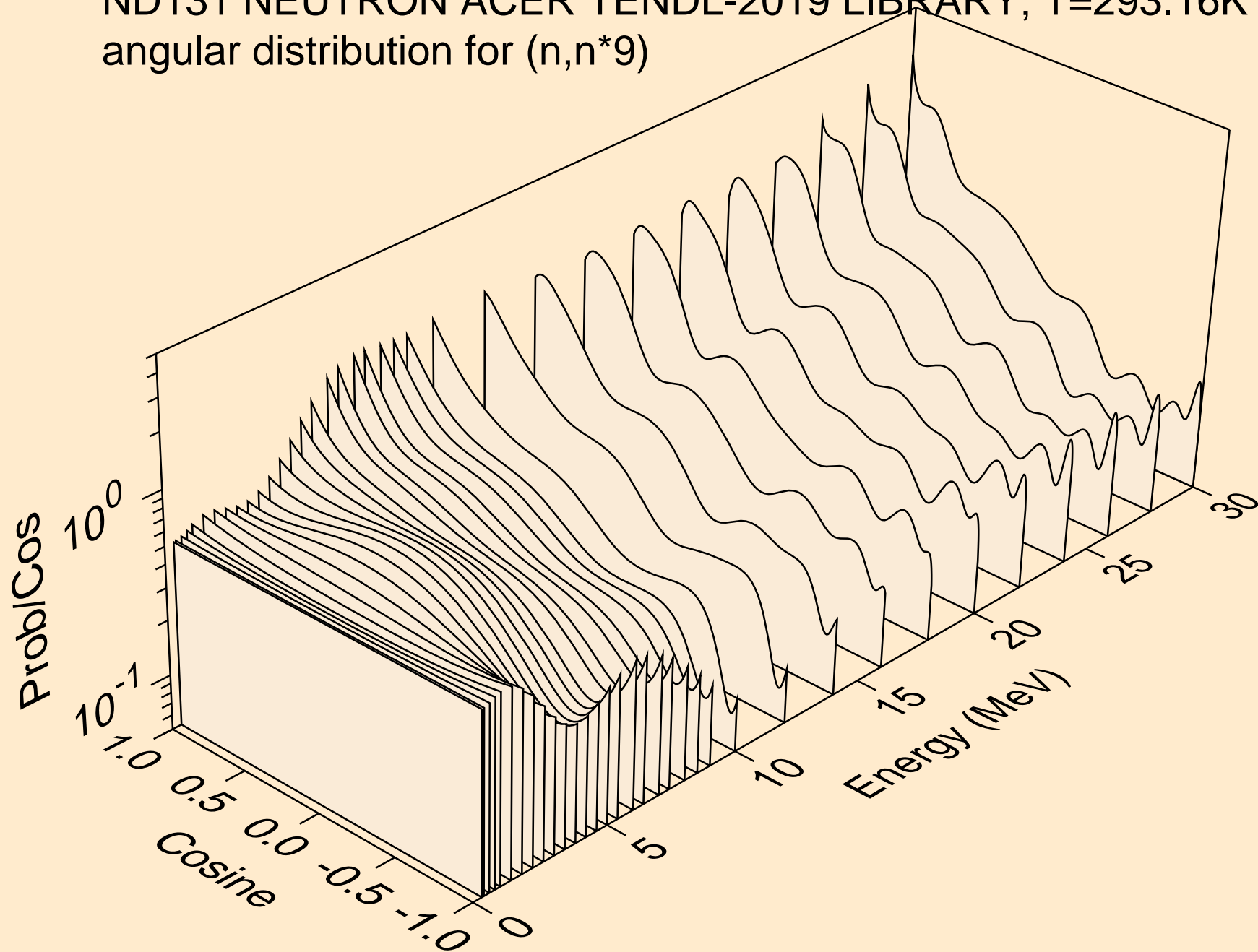
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



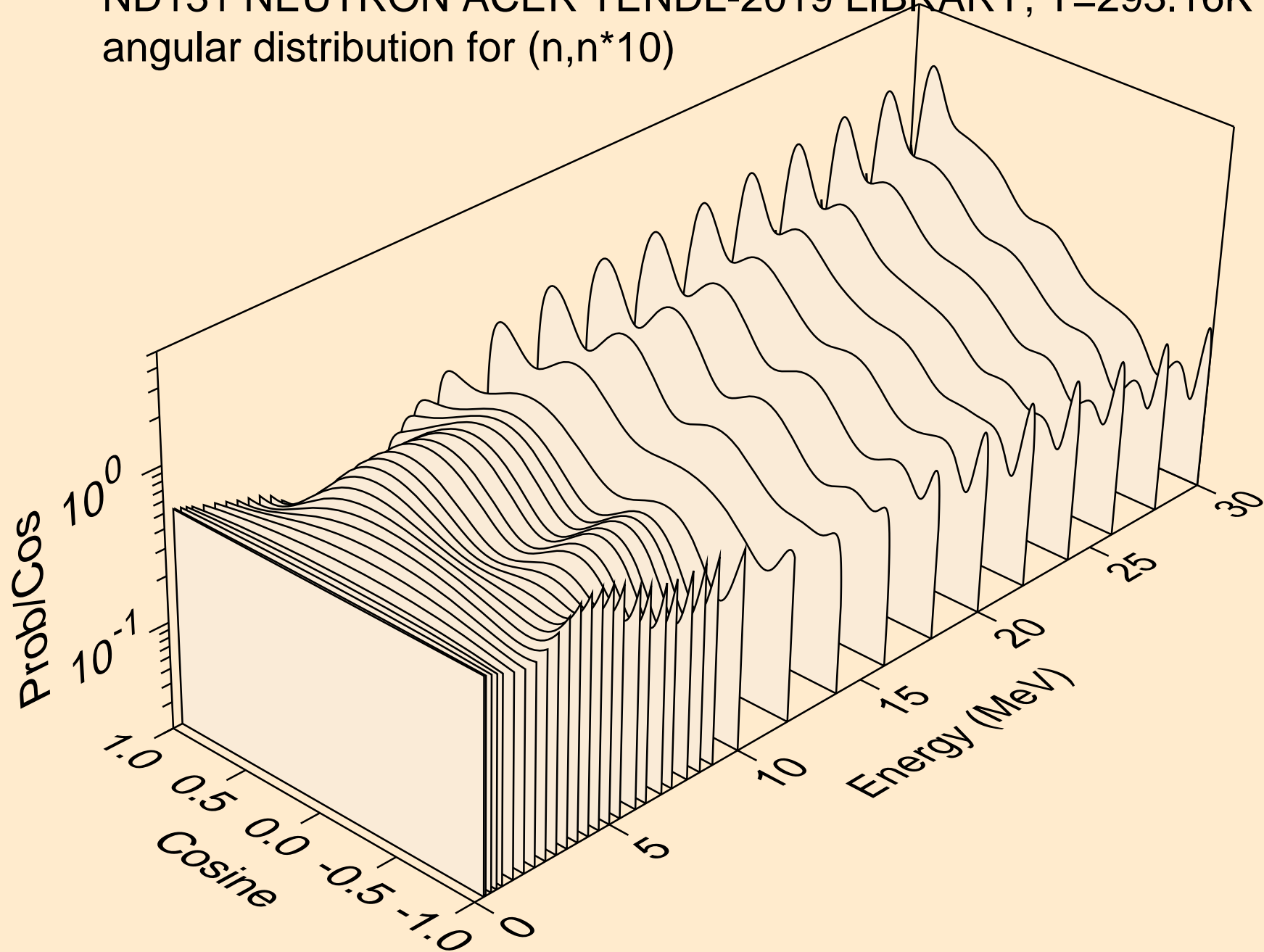
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



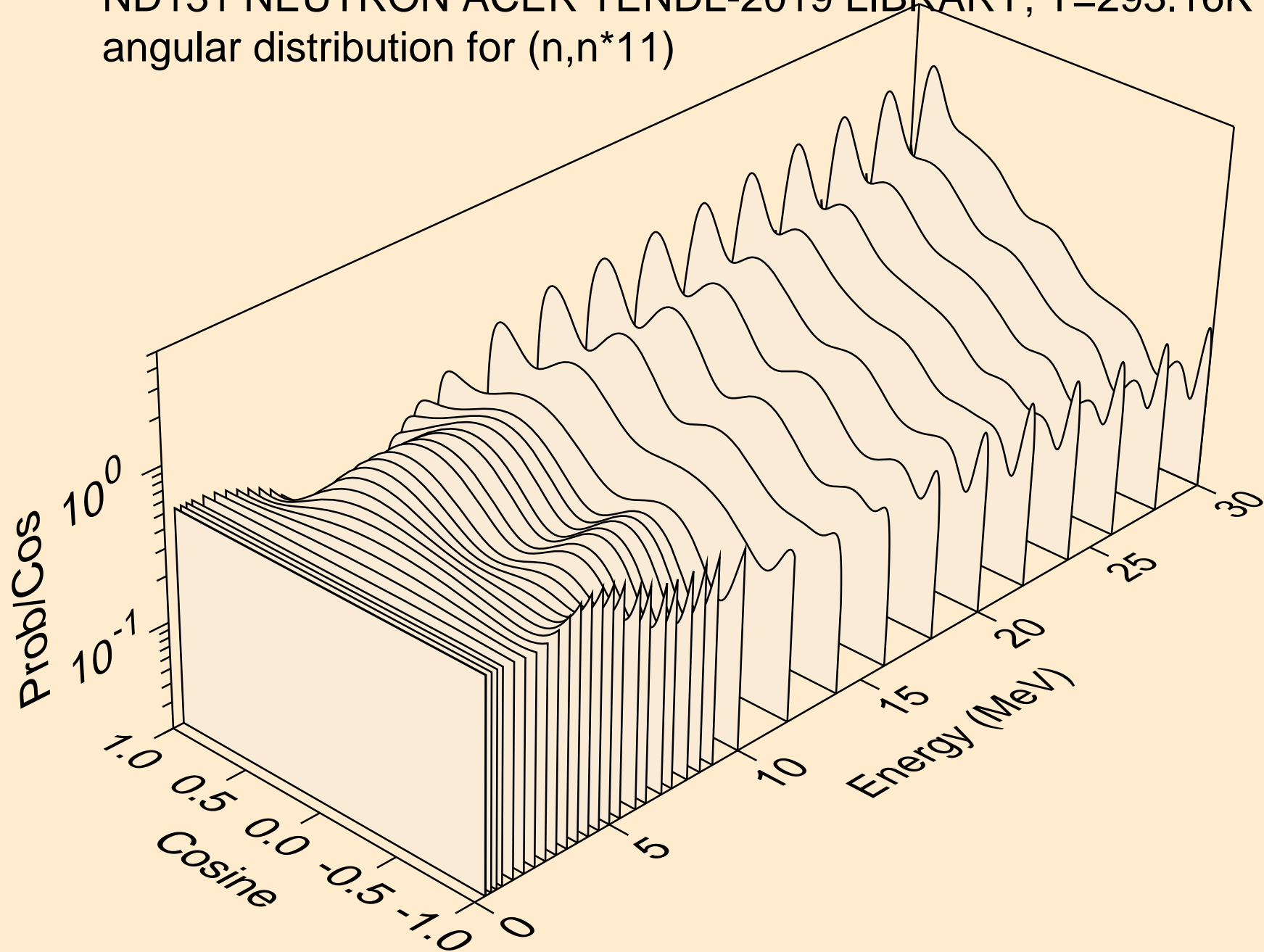
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



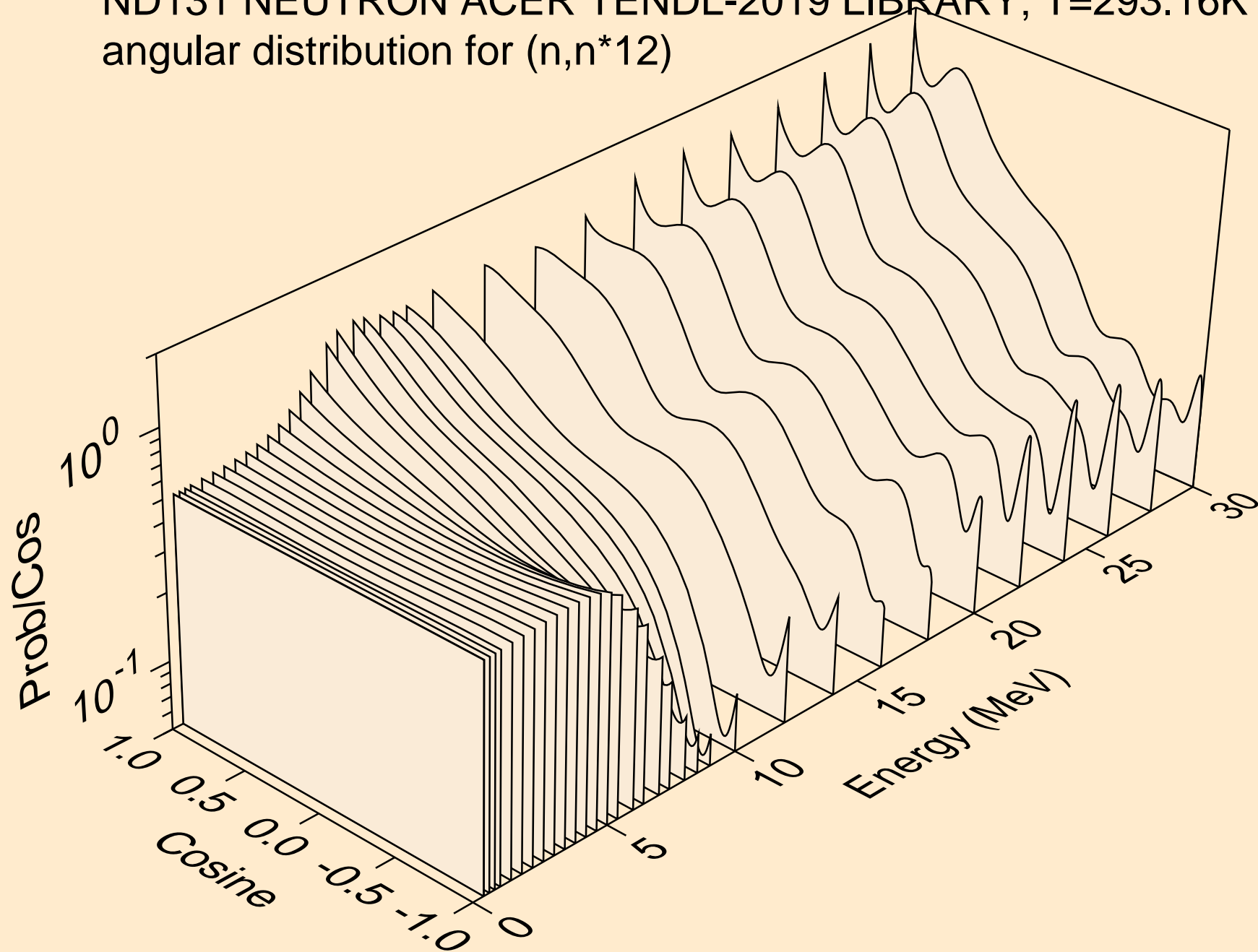
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



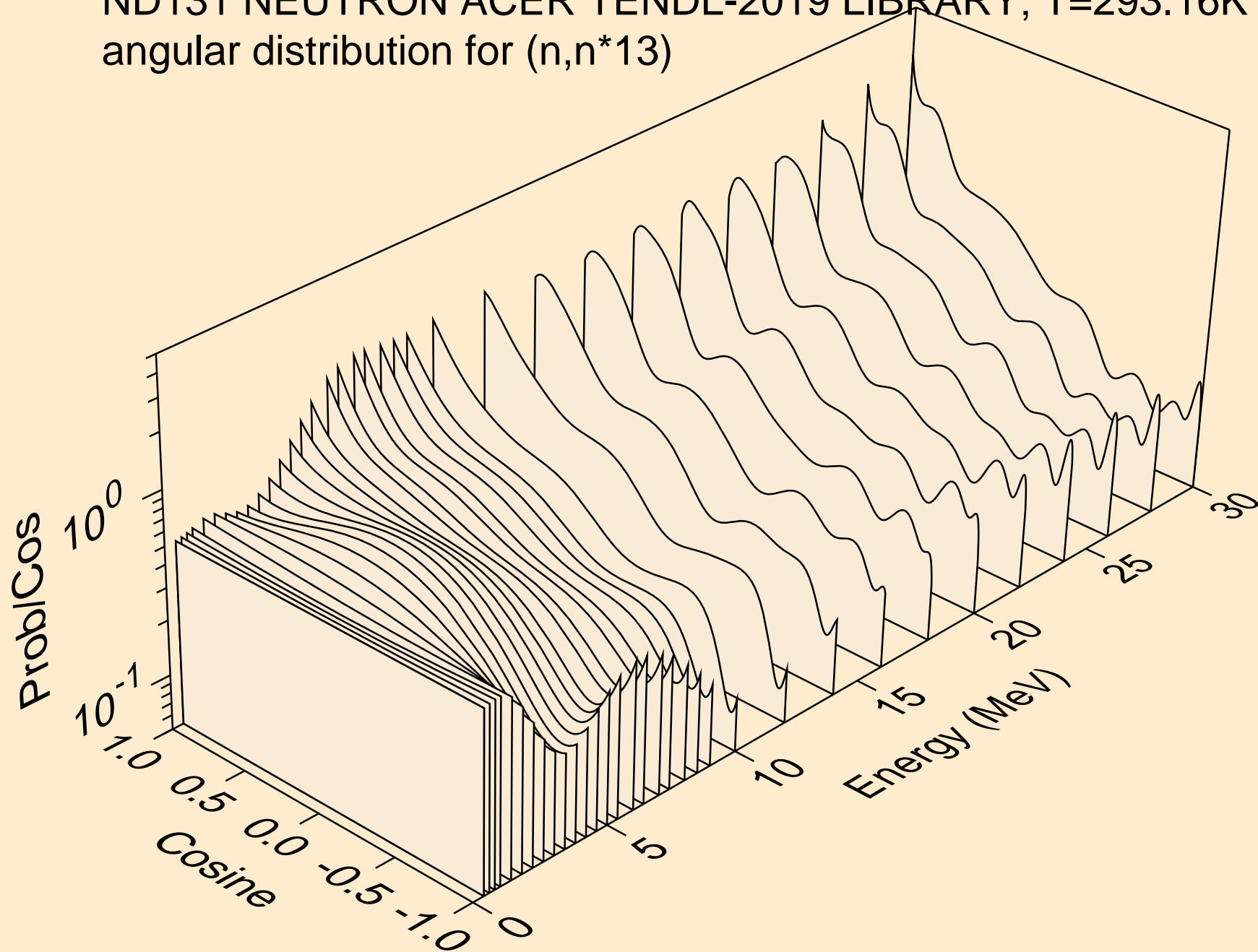
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



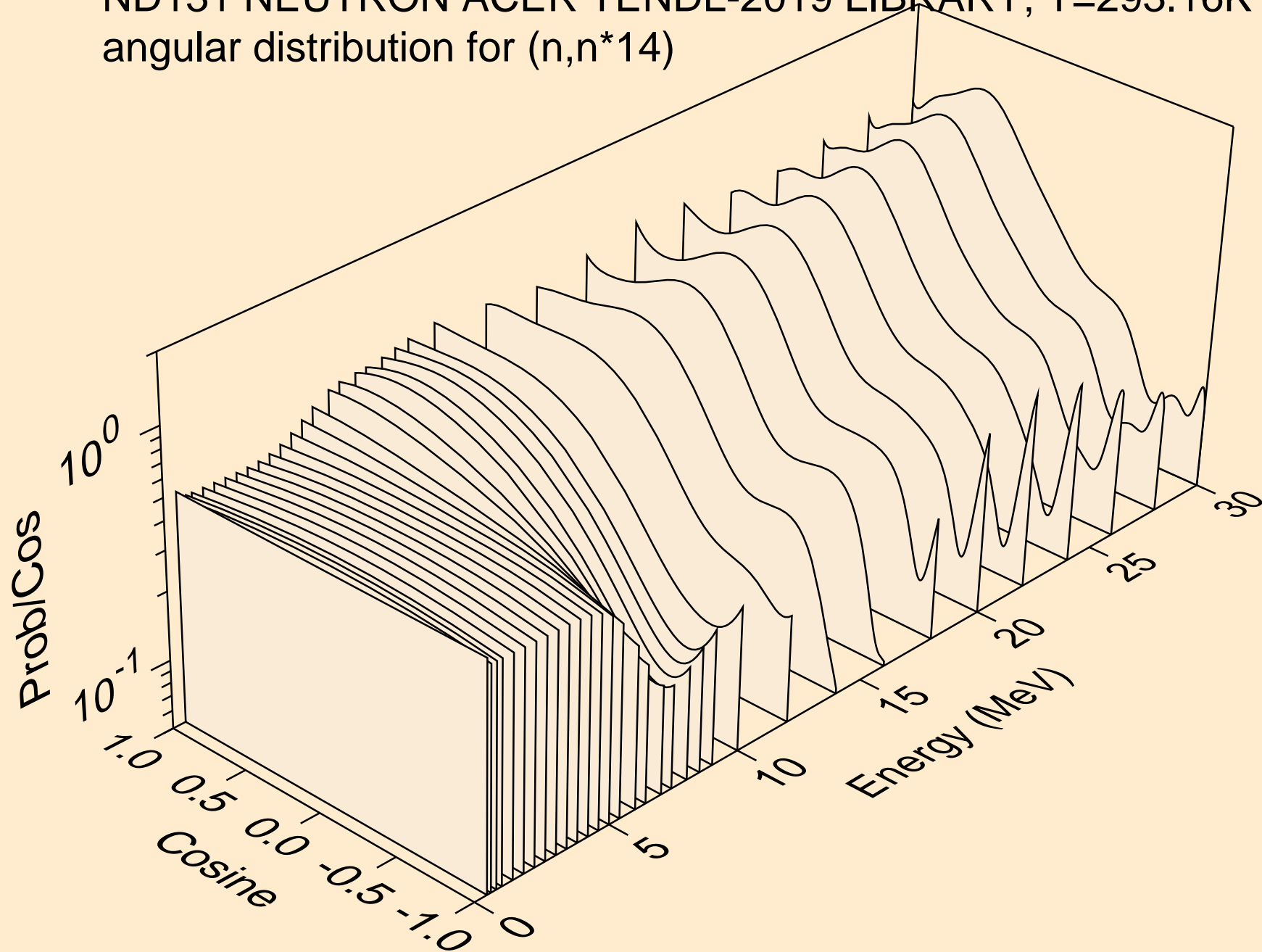
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



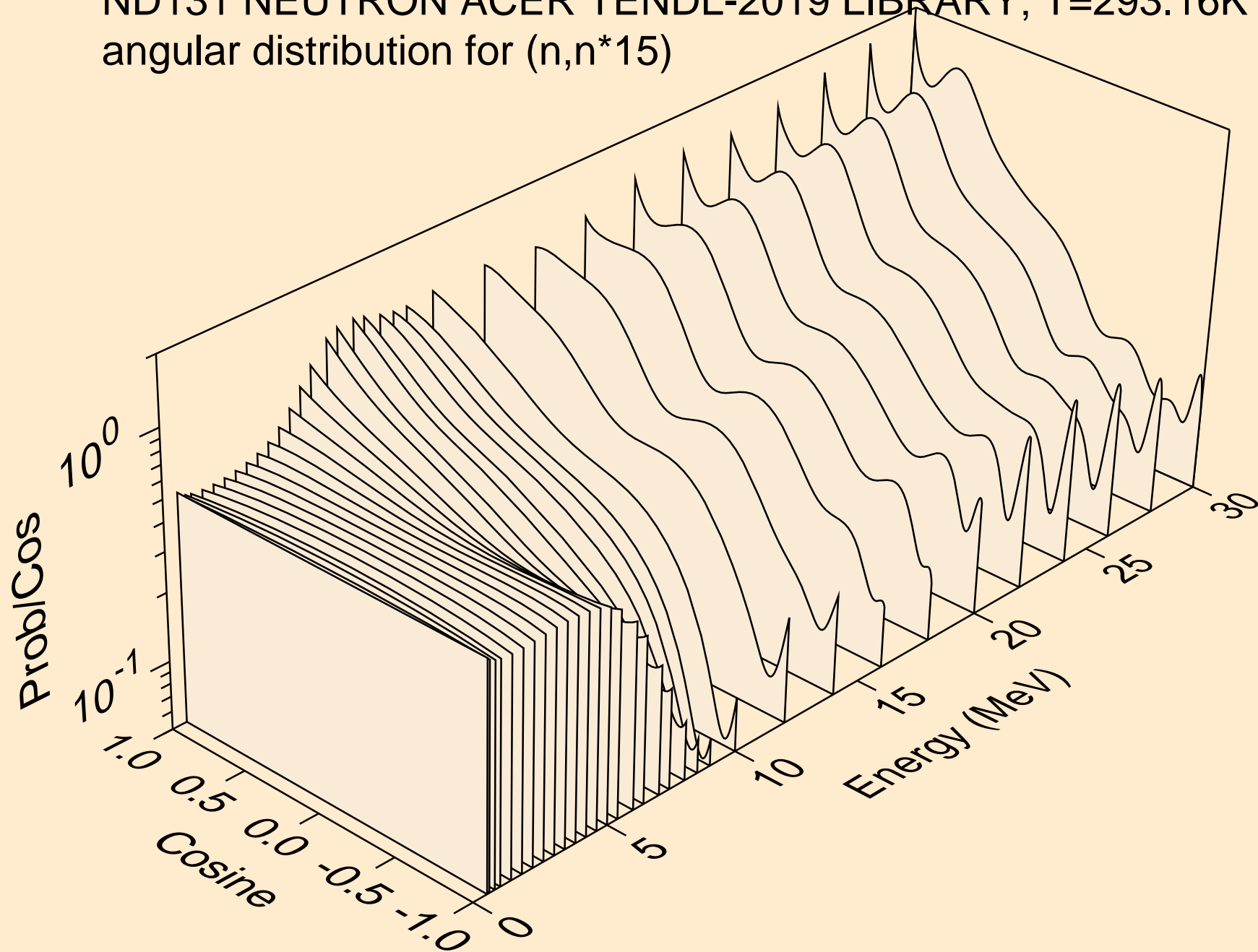
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



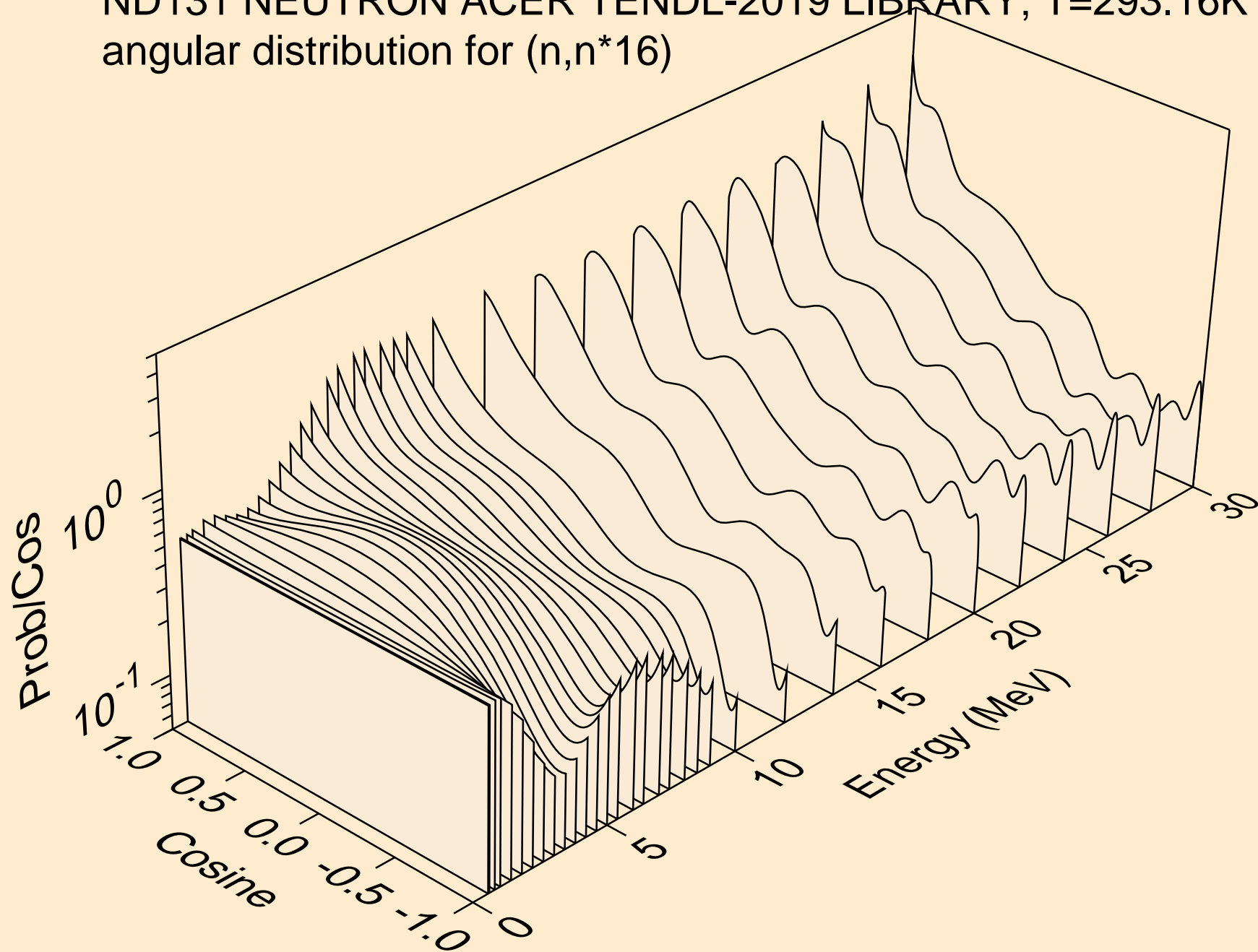
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



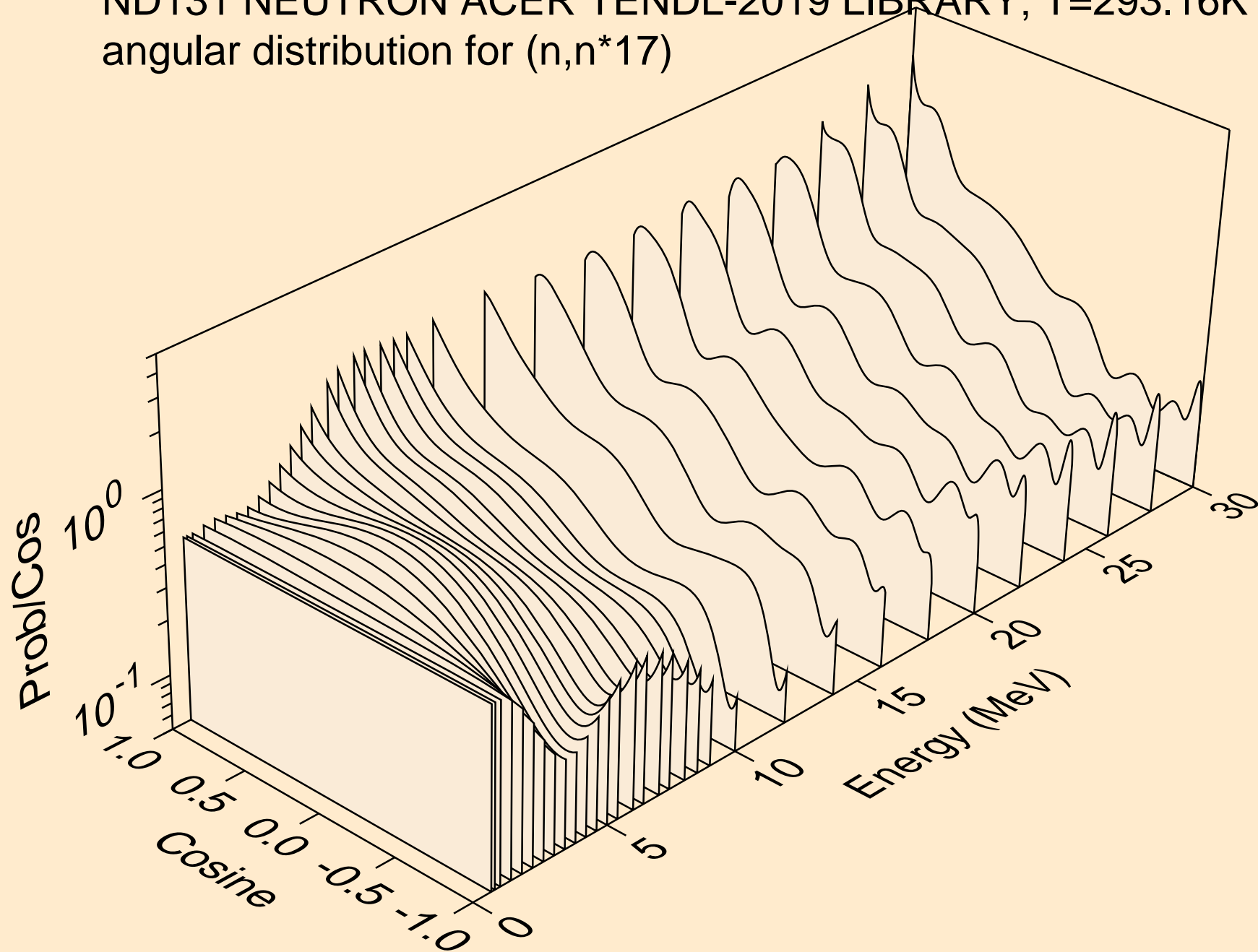
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angular distribution for (n,n*15)



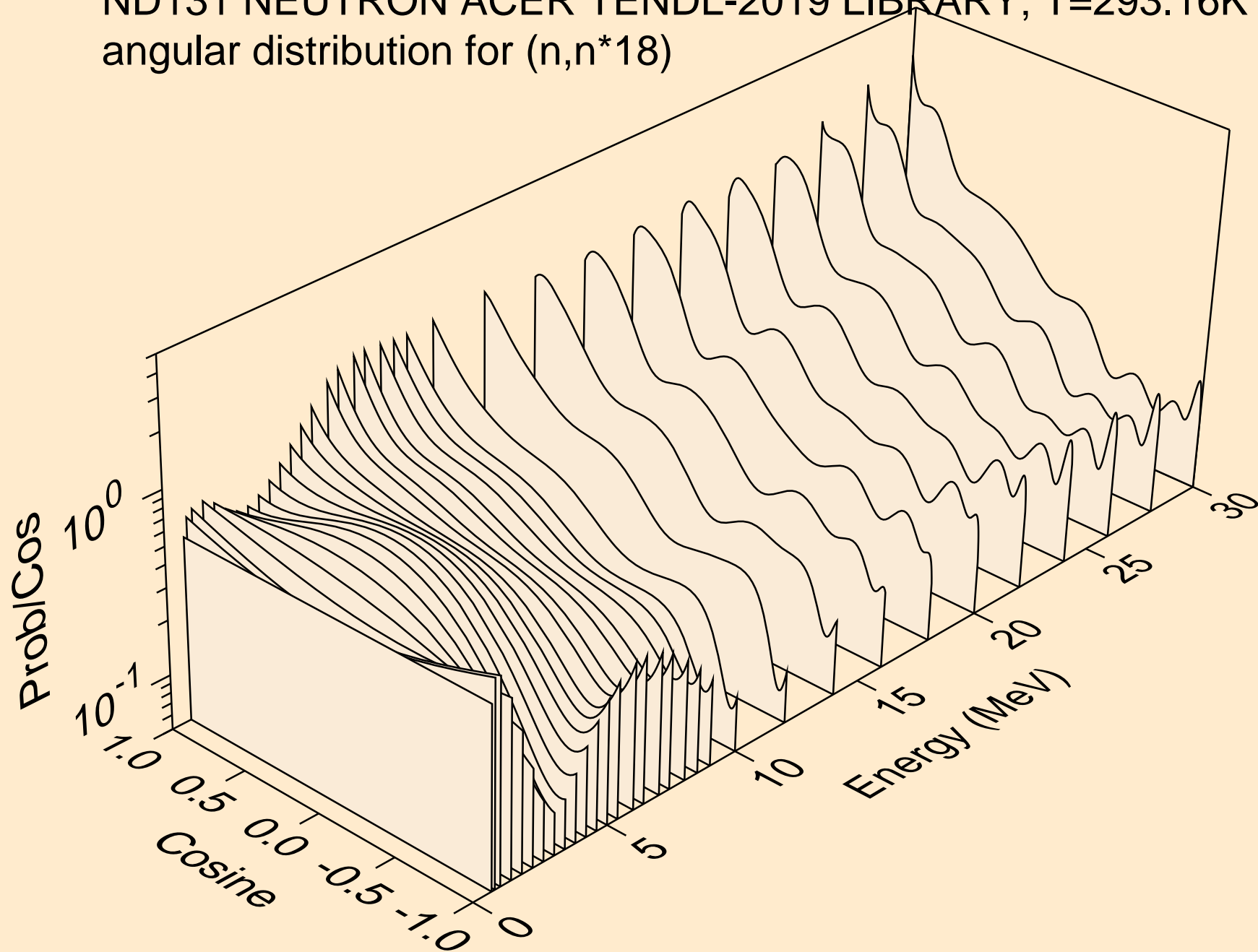
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



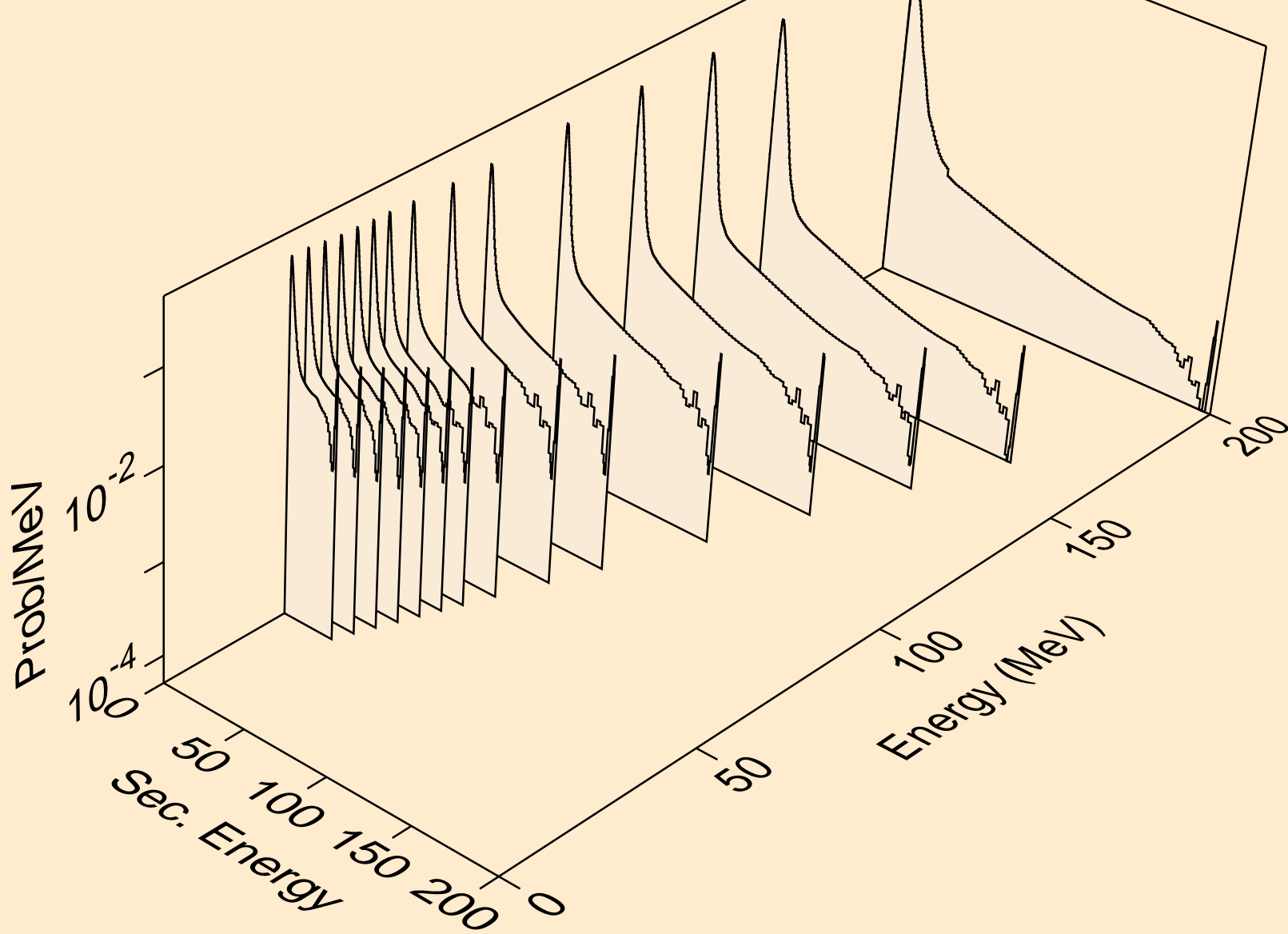
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



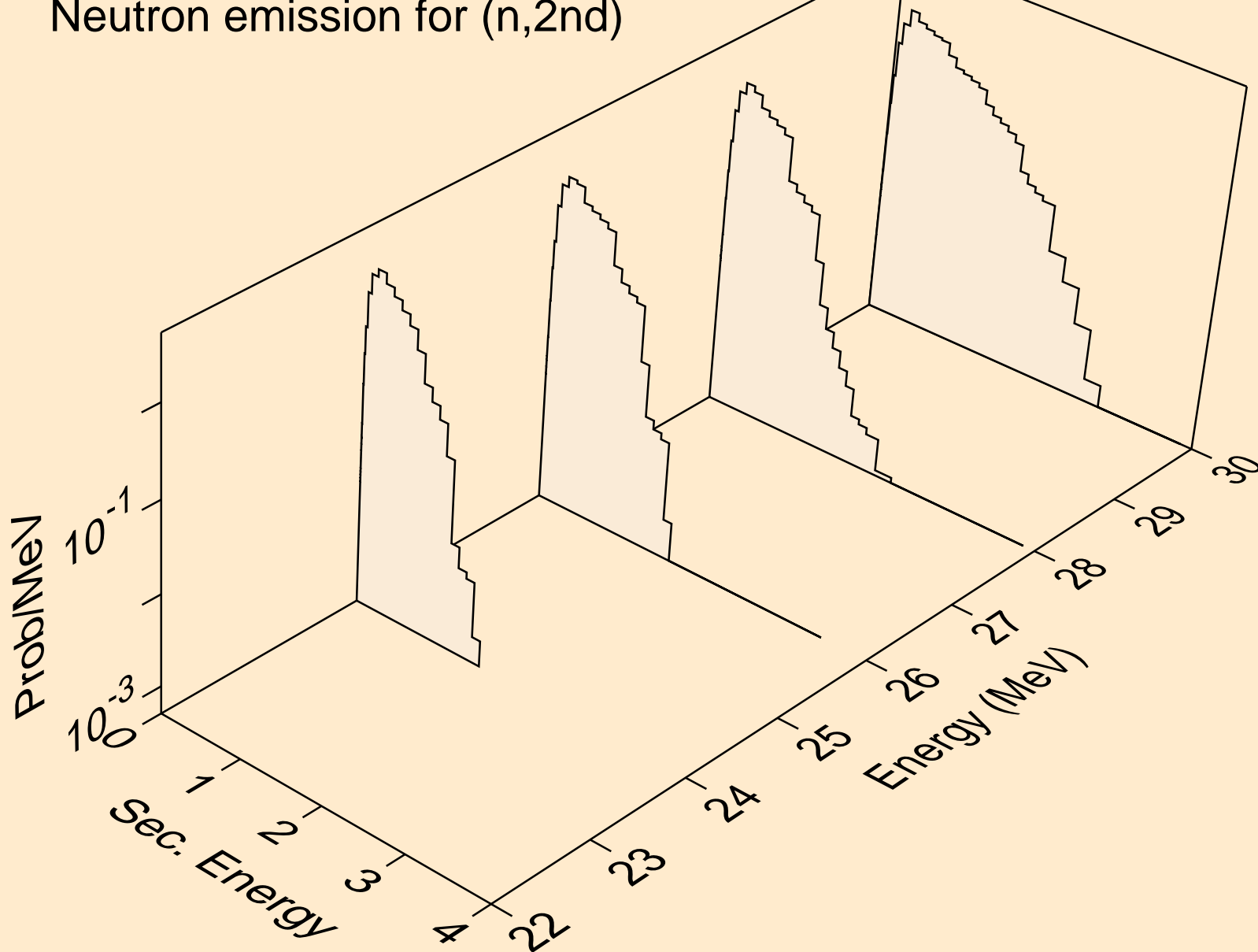
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



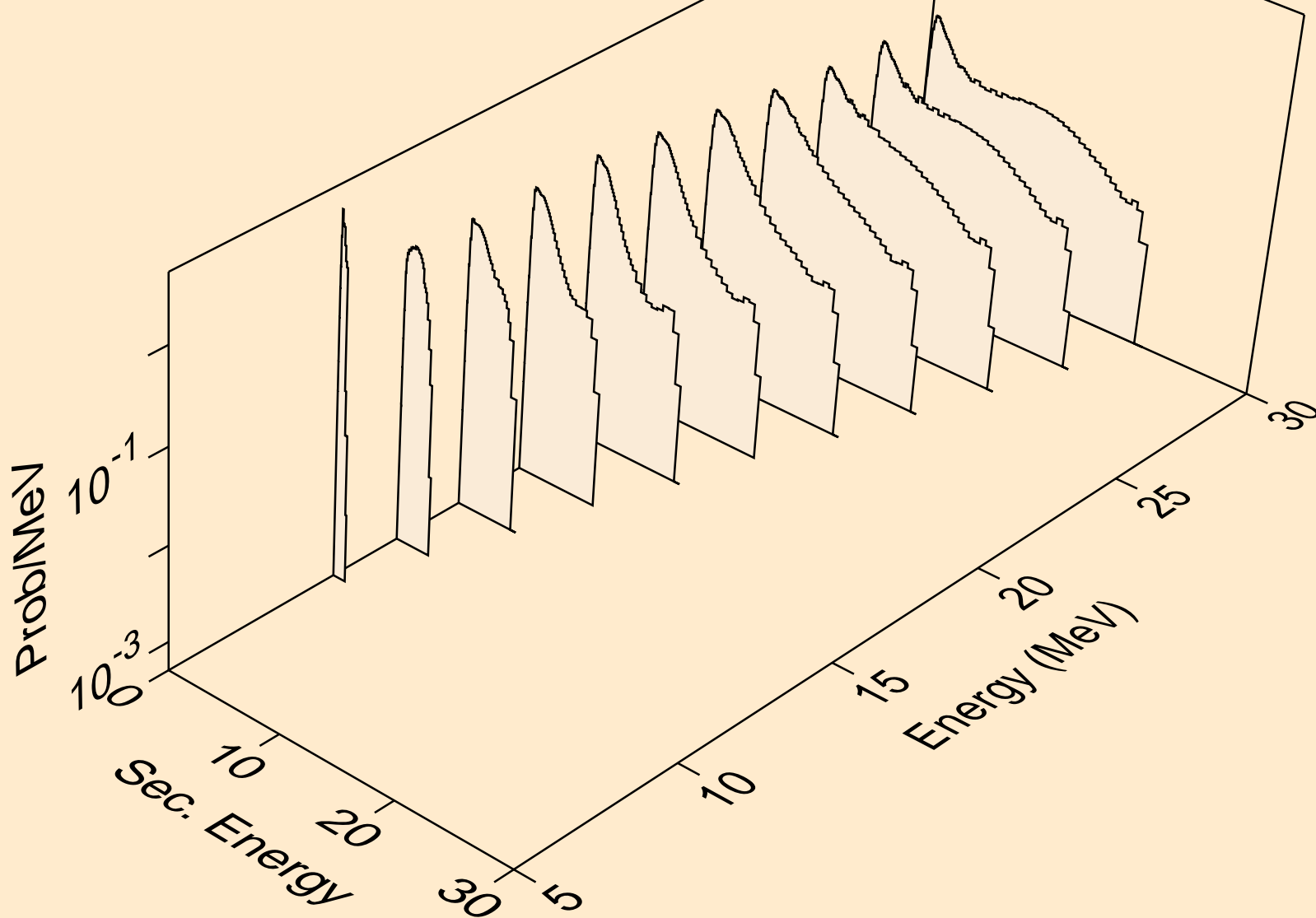
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



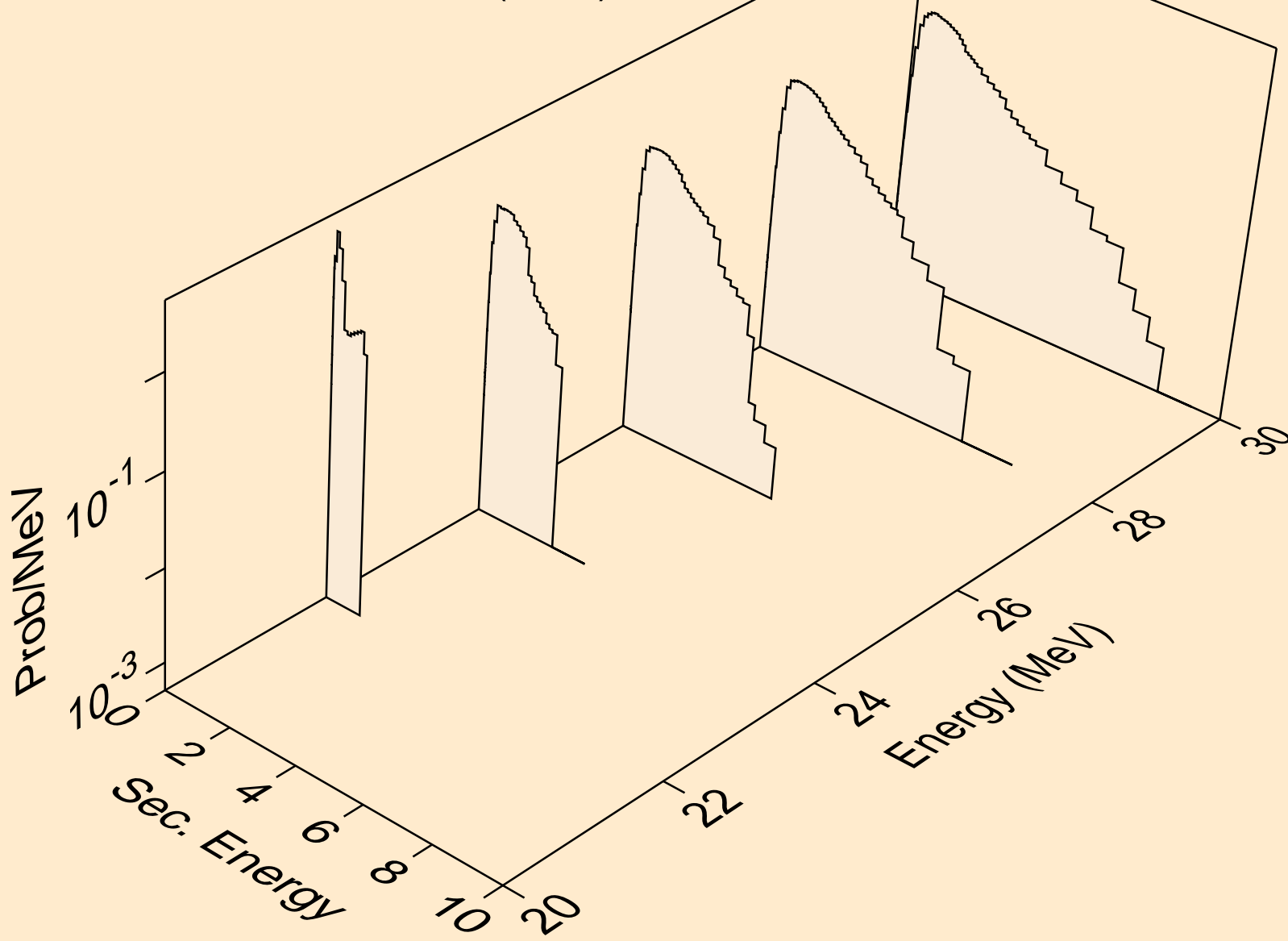
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



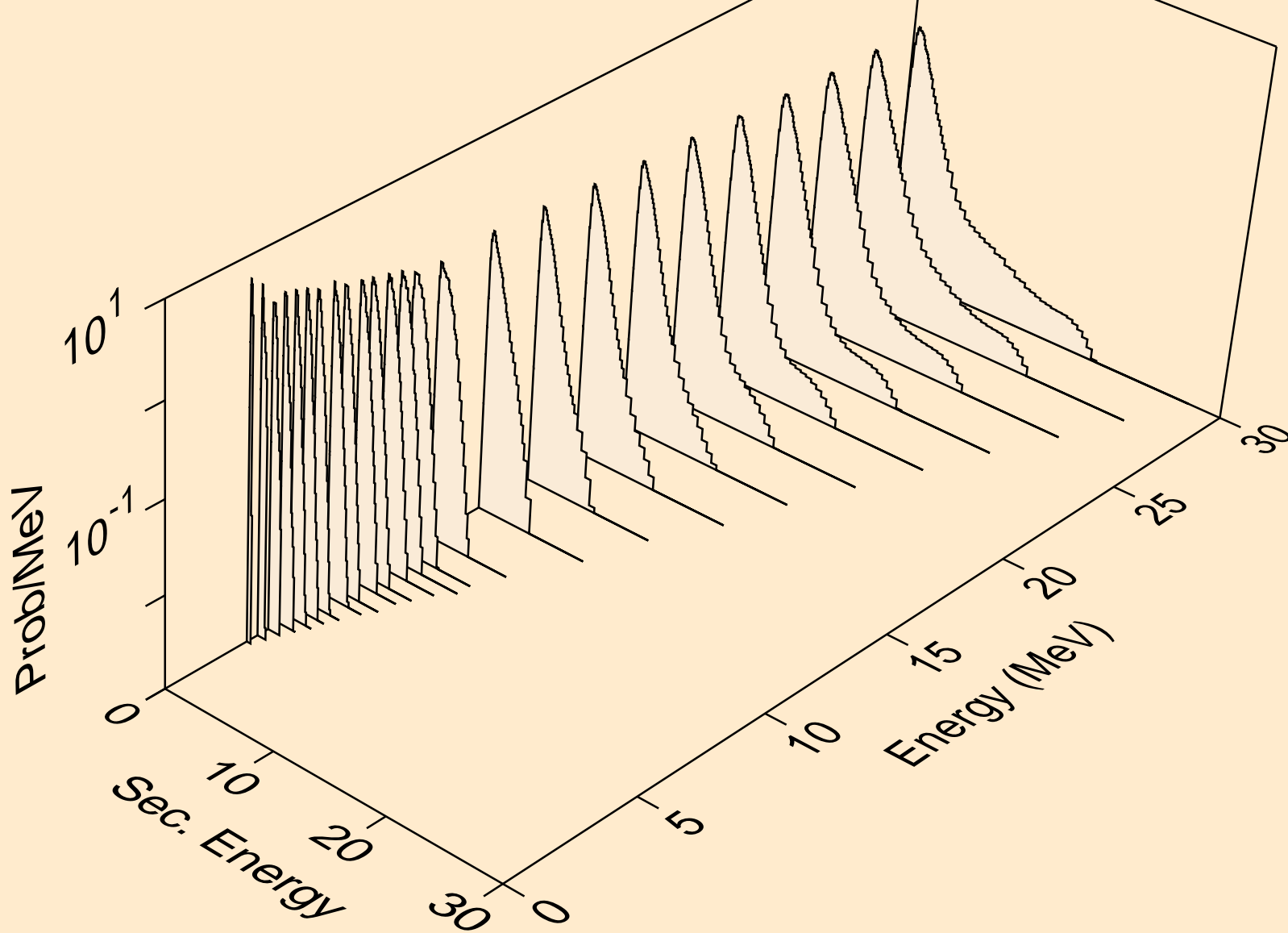
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



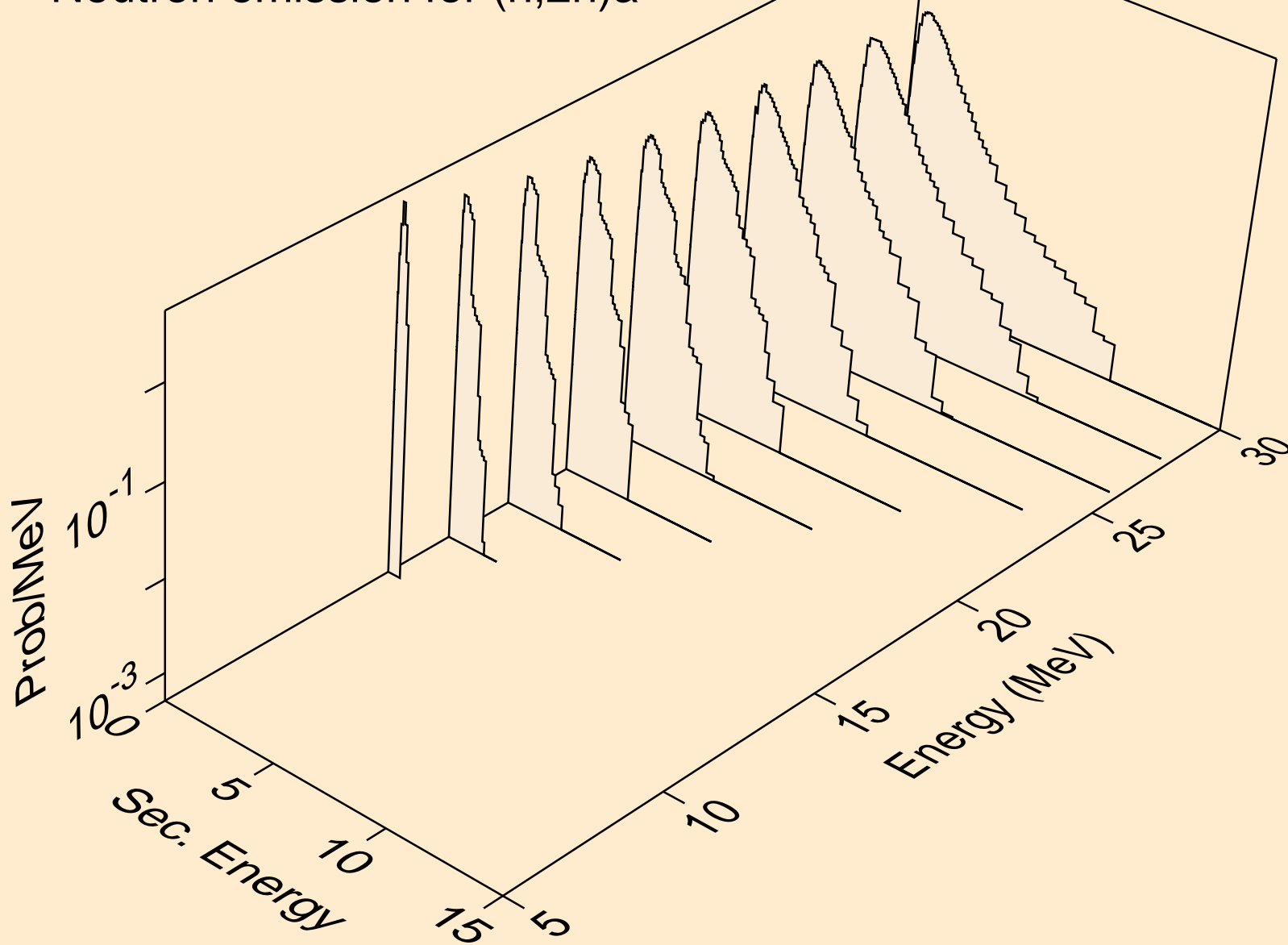
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



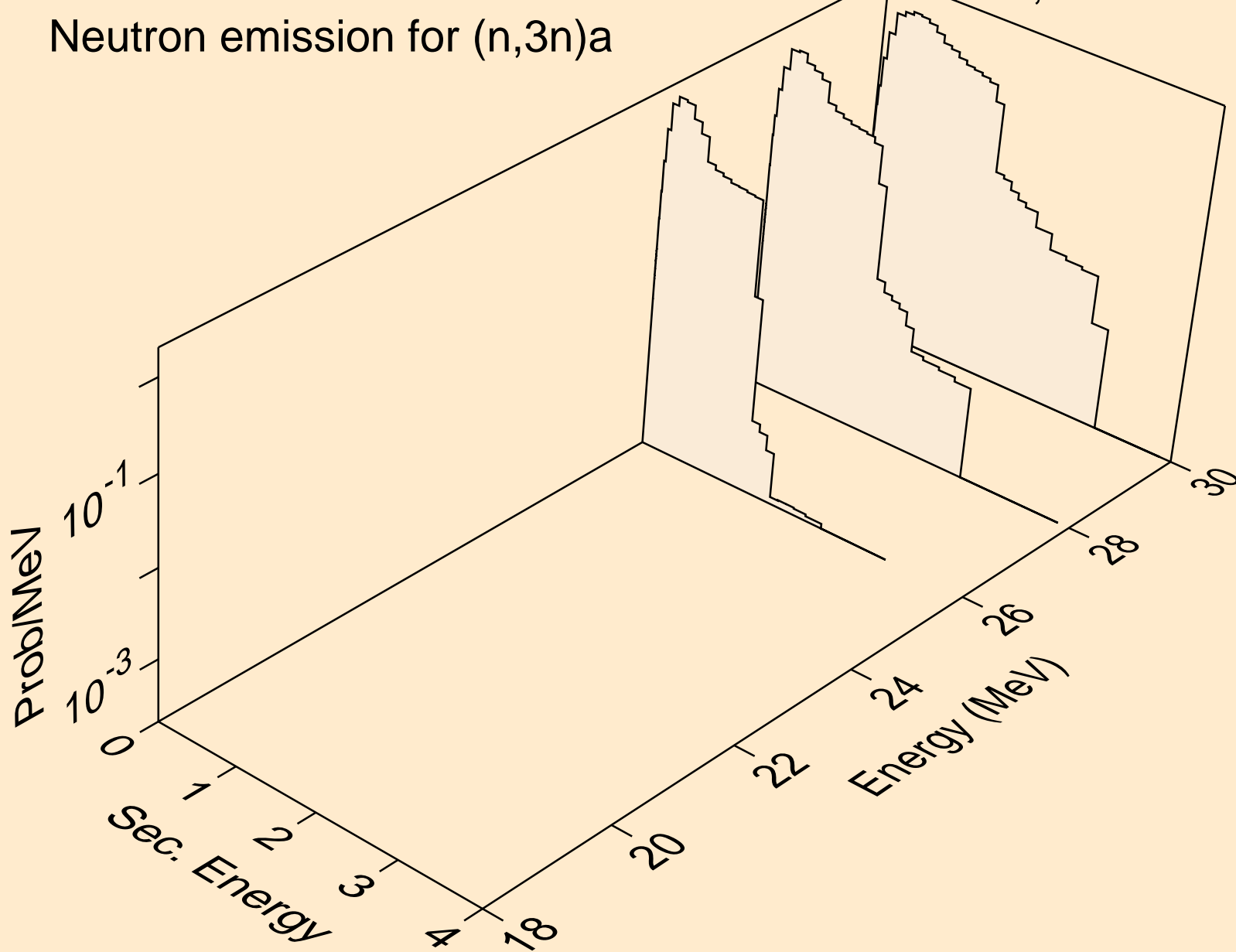
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



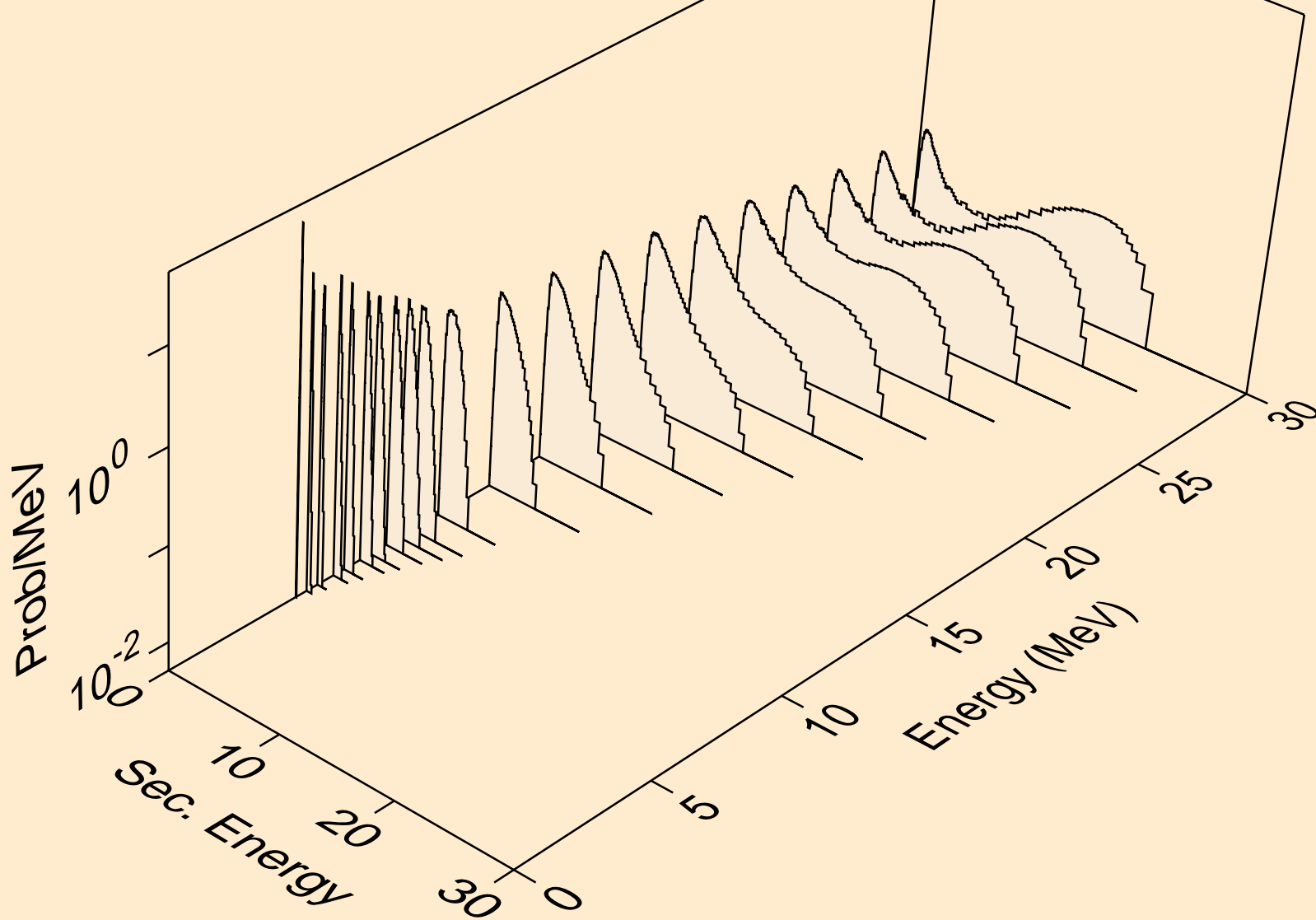
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



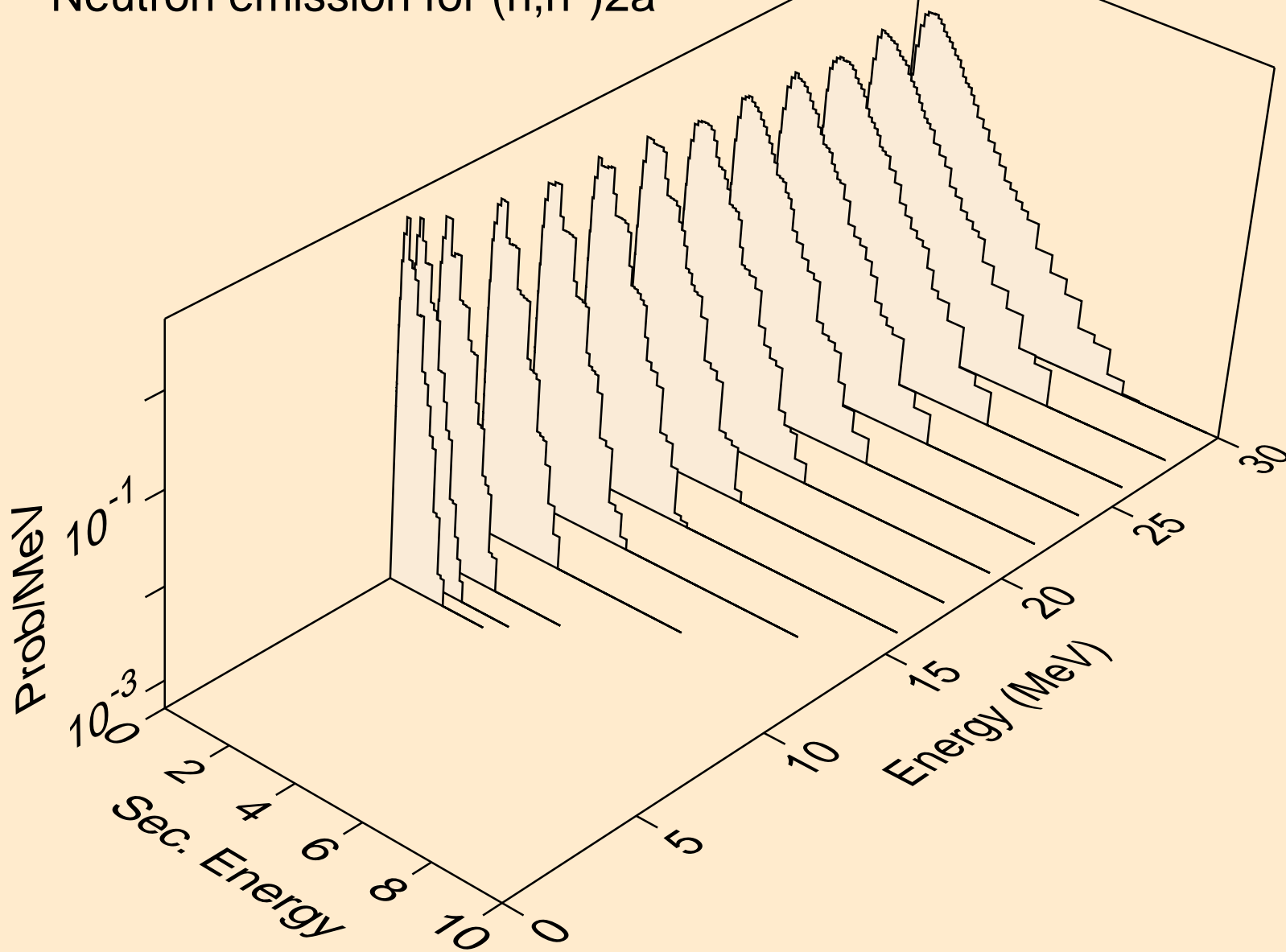
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



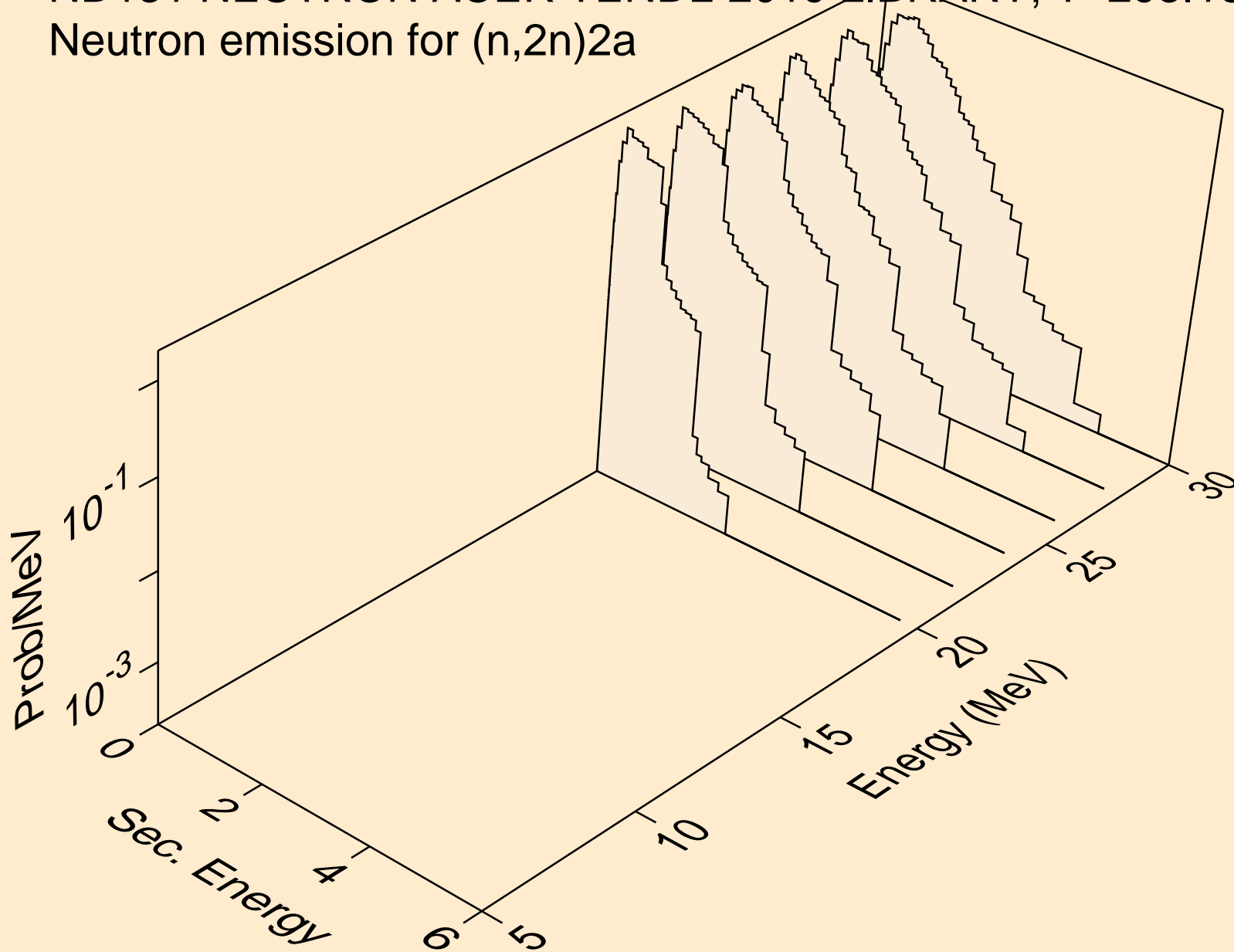
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



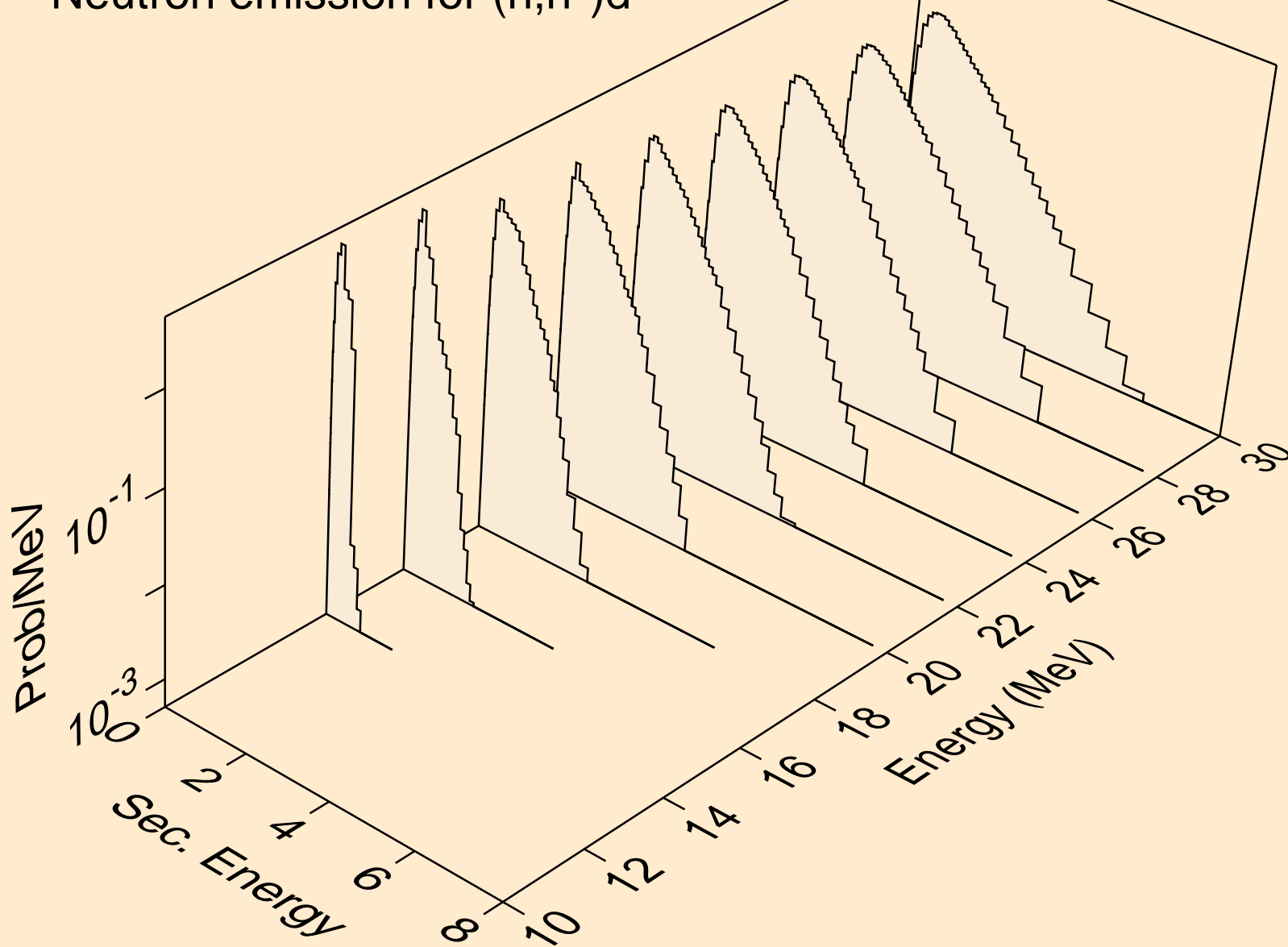
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



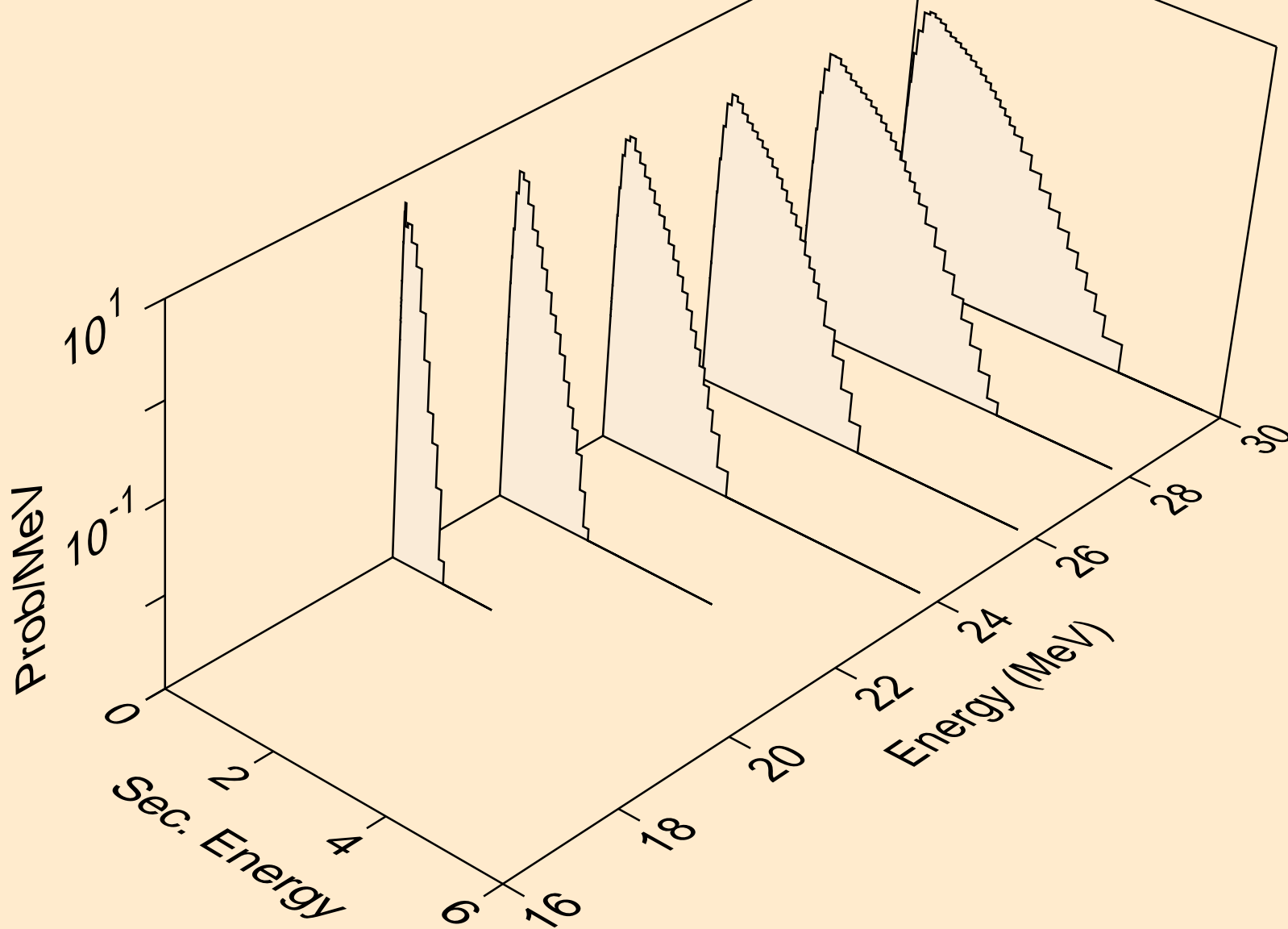
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



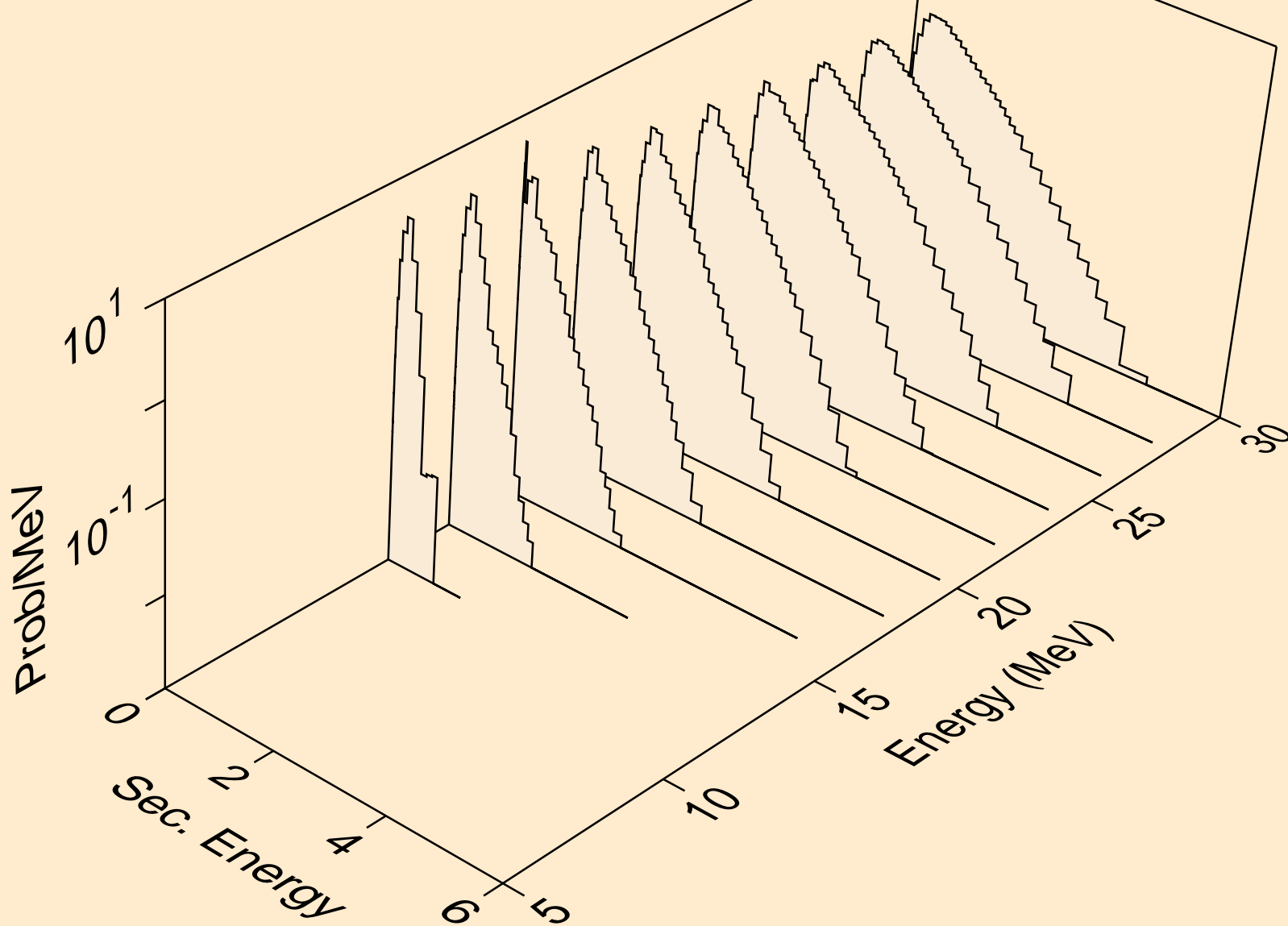
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



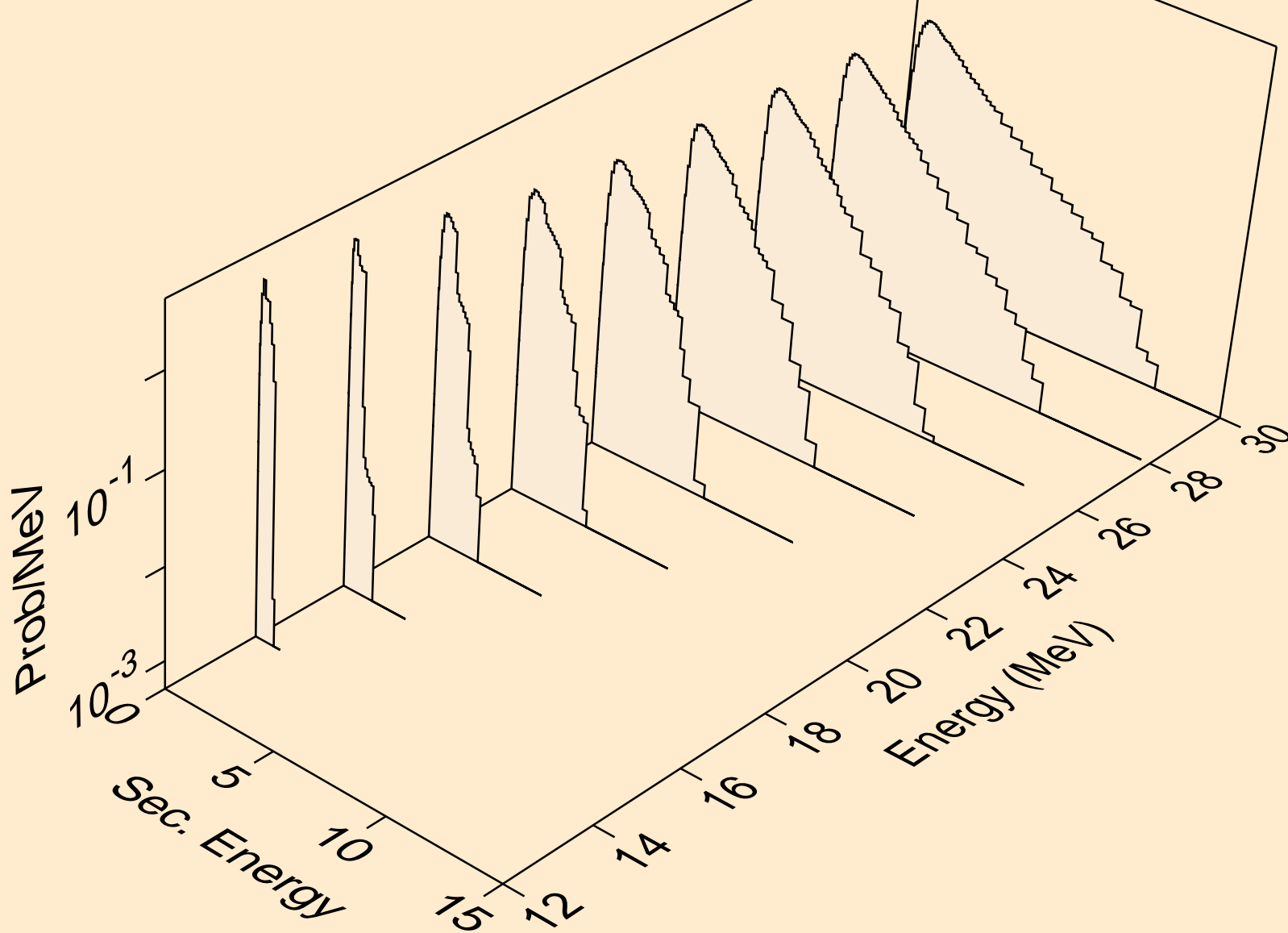
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



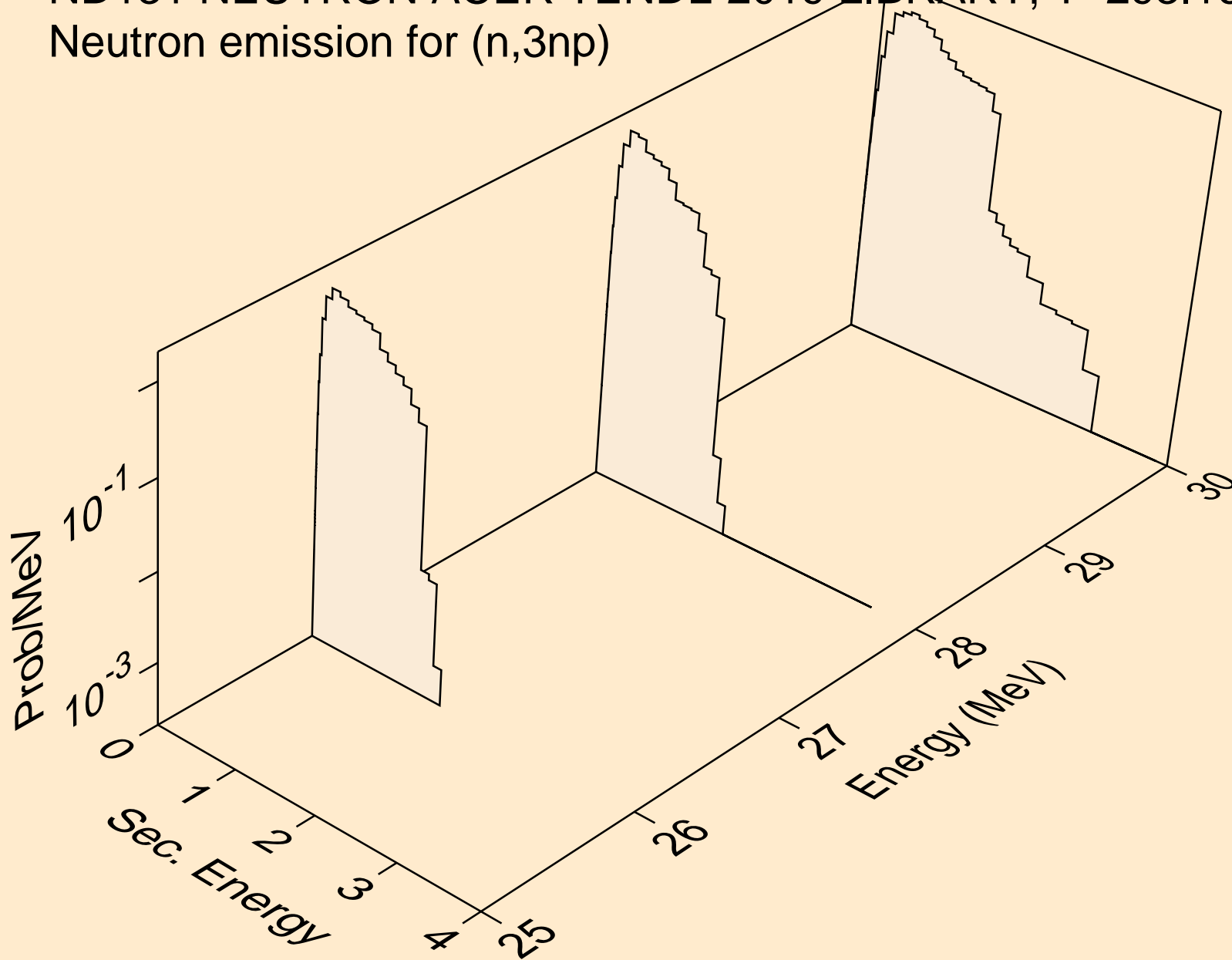
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



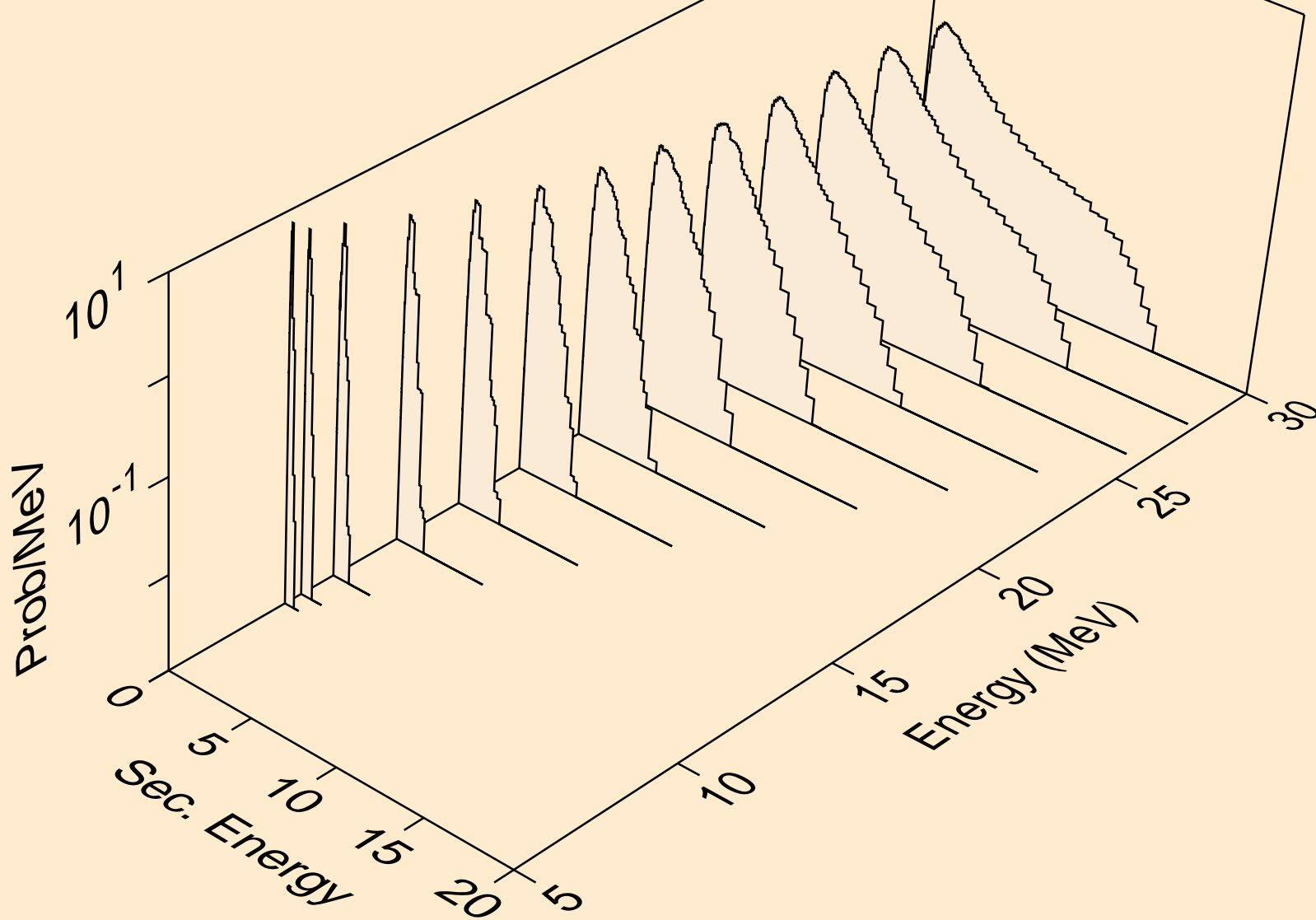
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



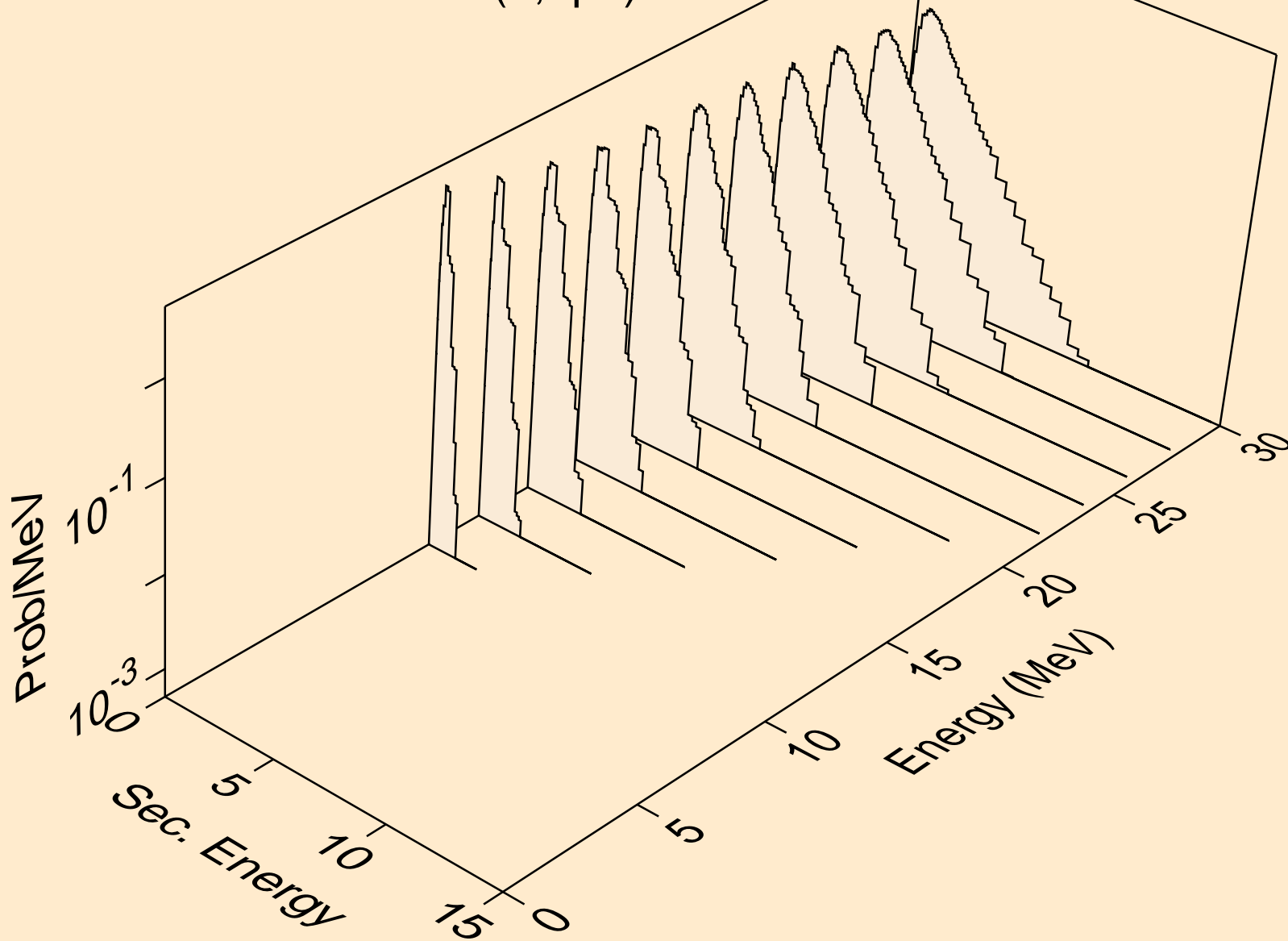
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



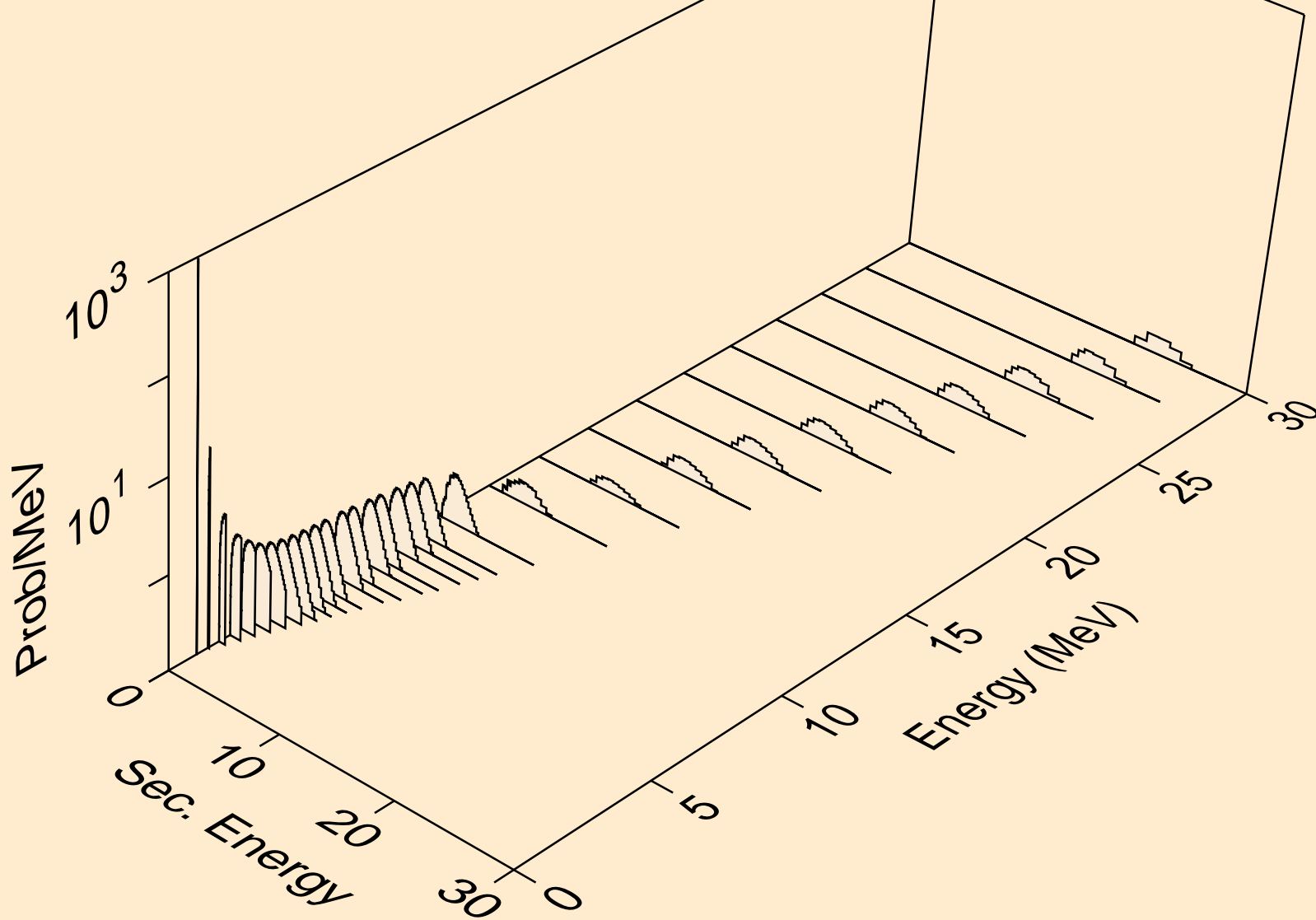
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



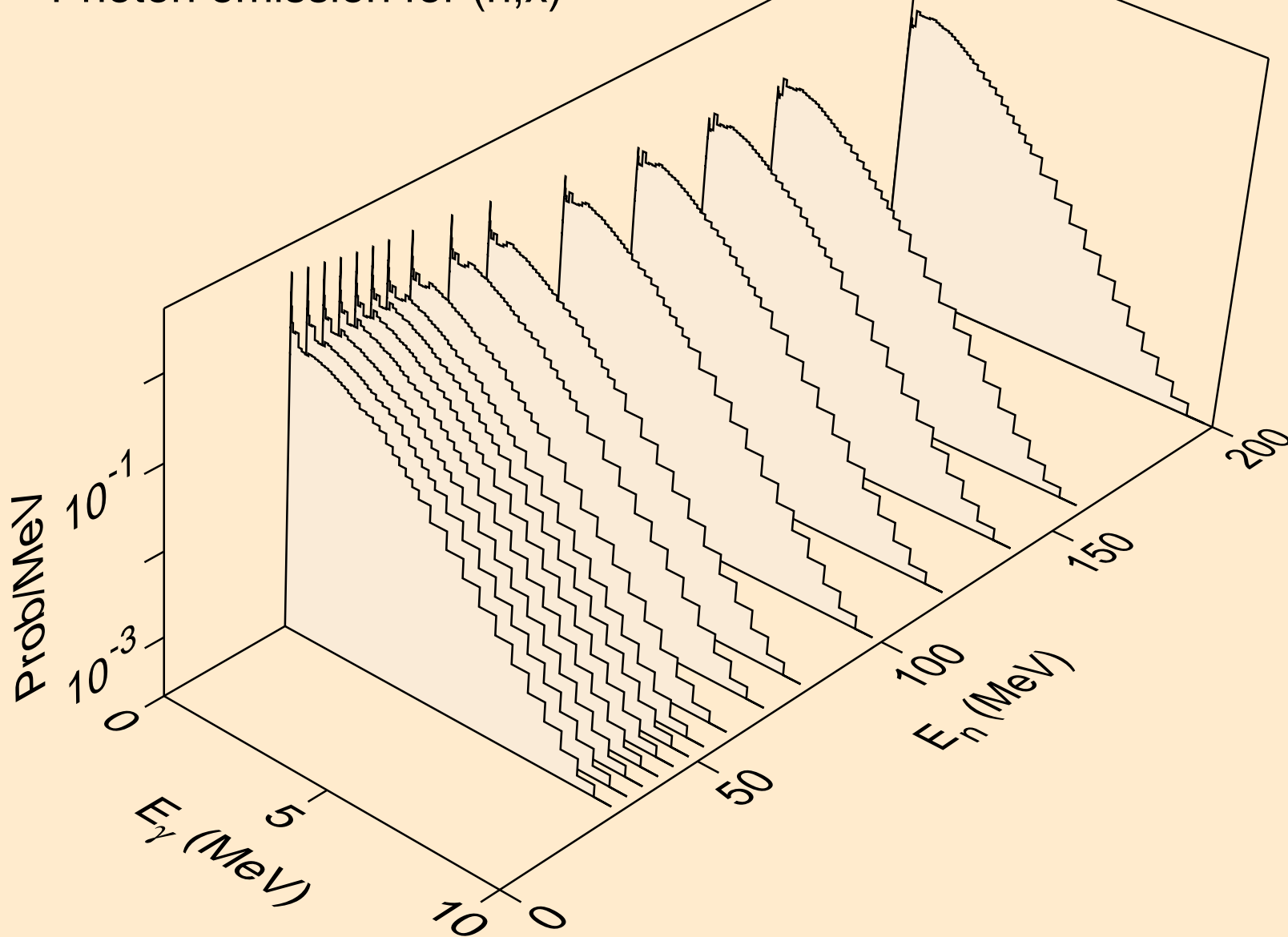
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



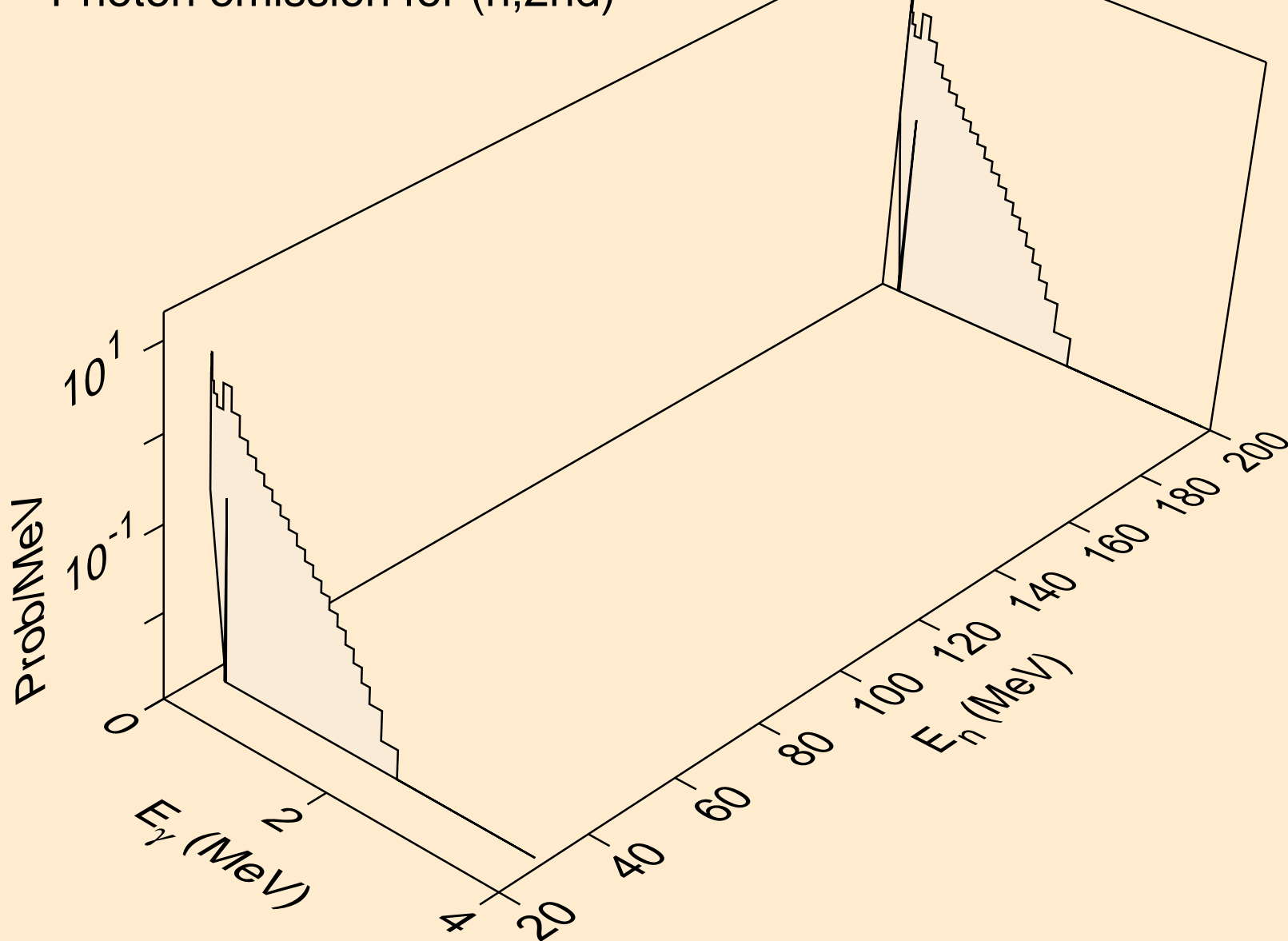
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



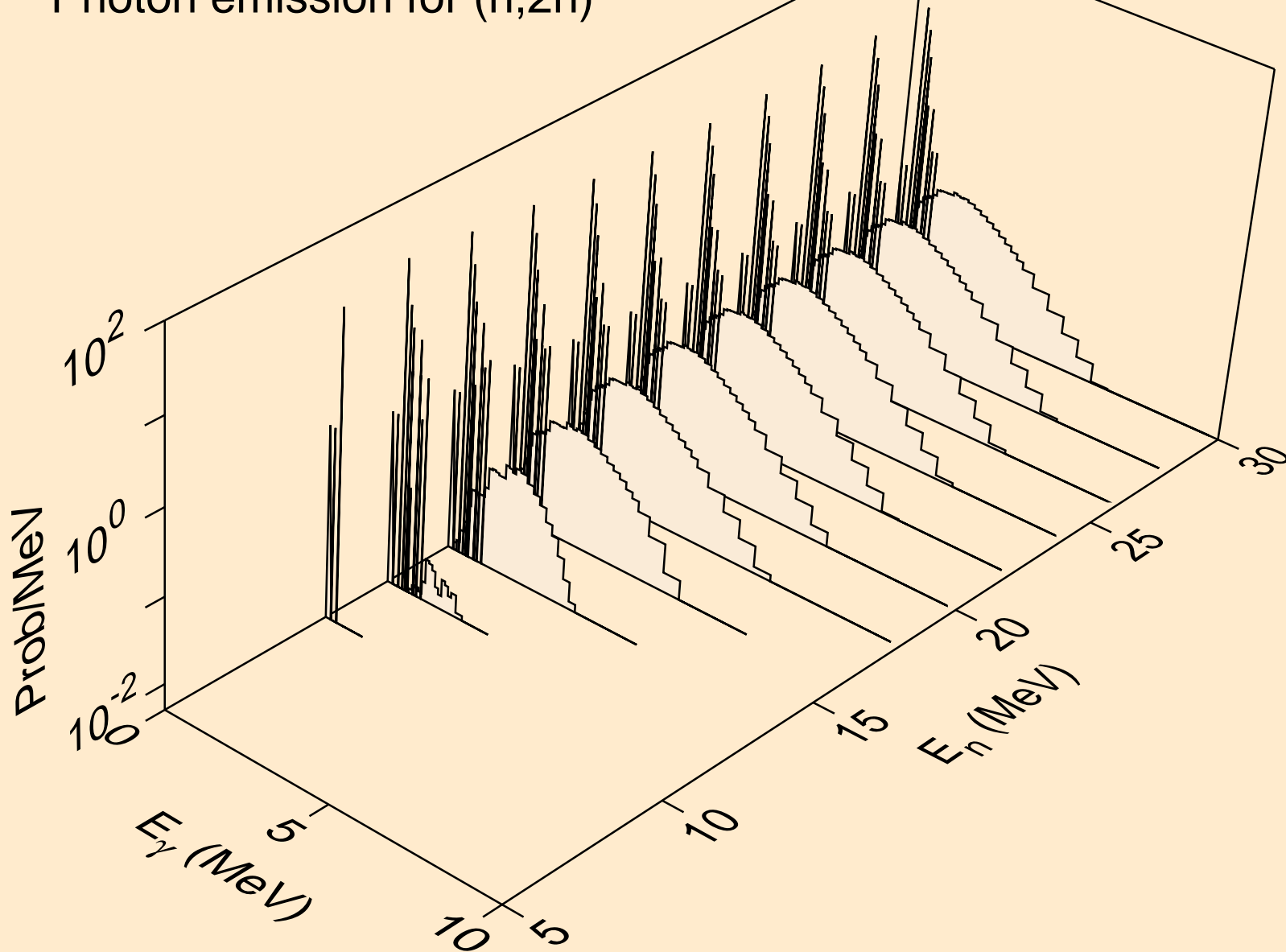
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



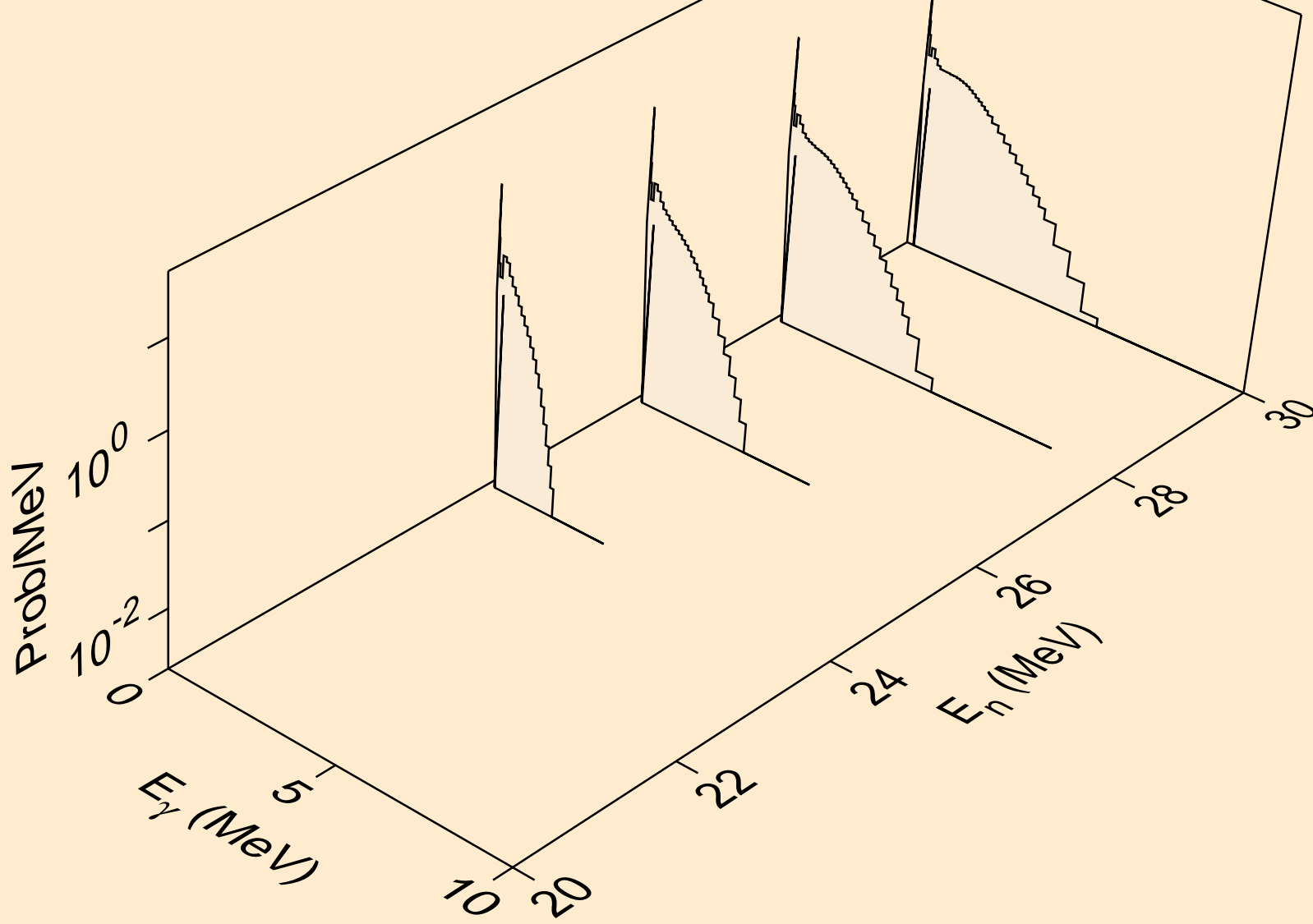
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



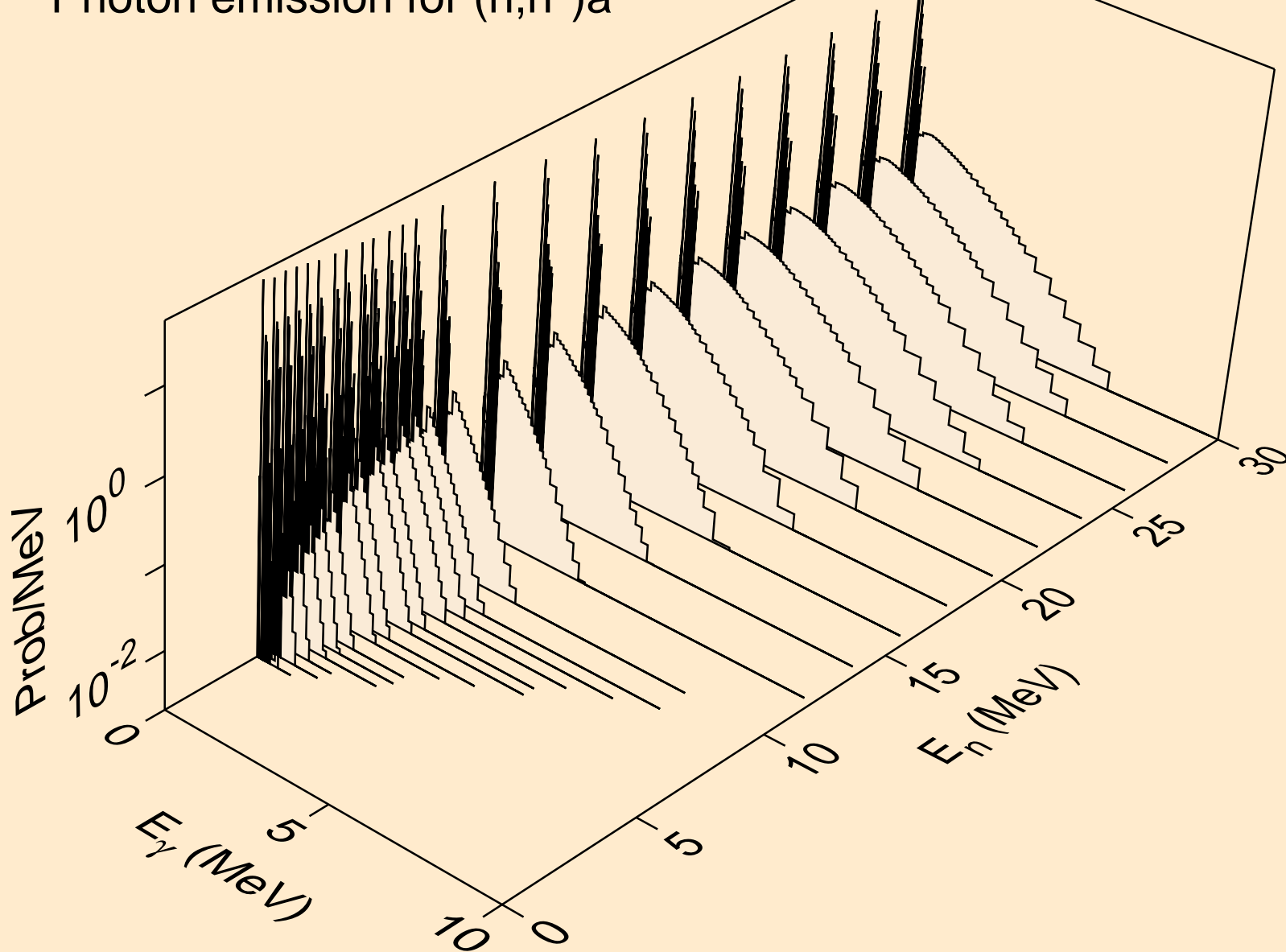
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



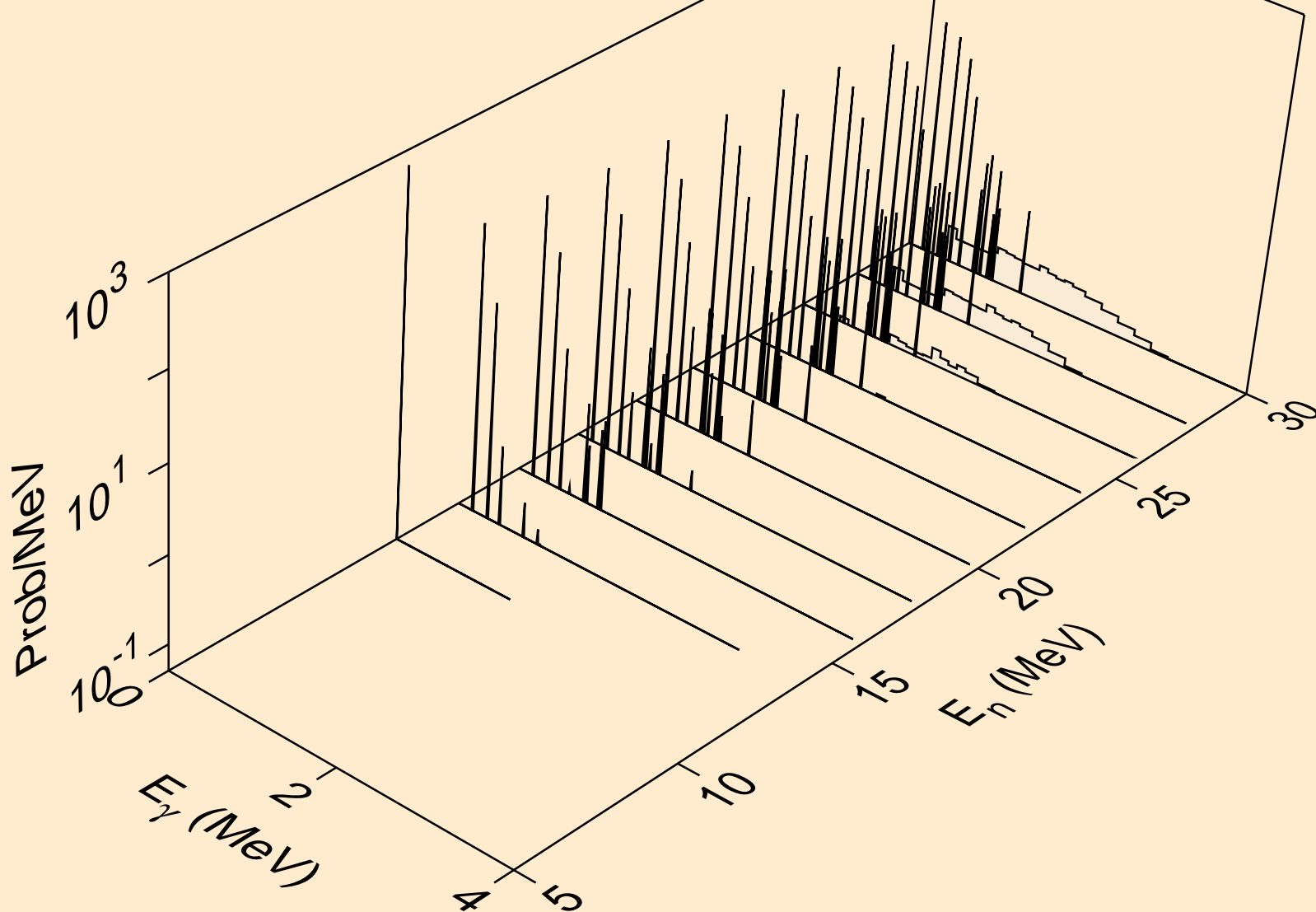
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



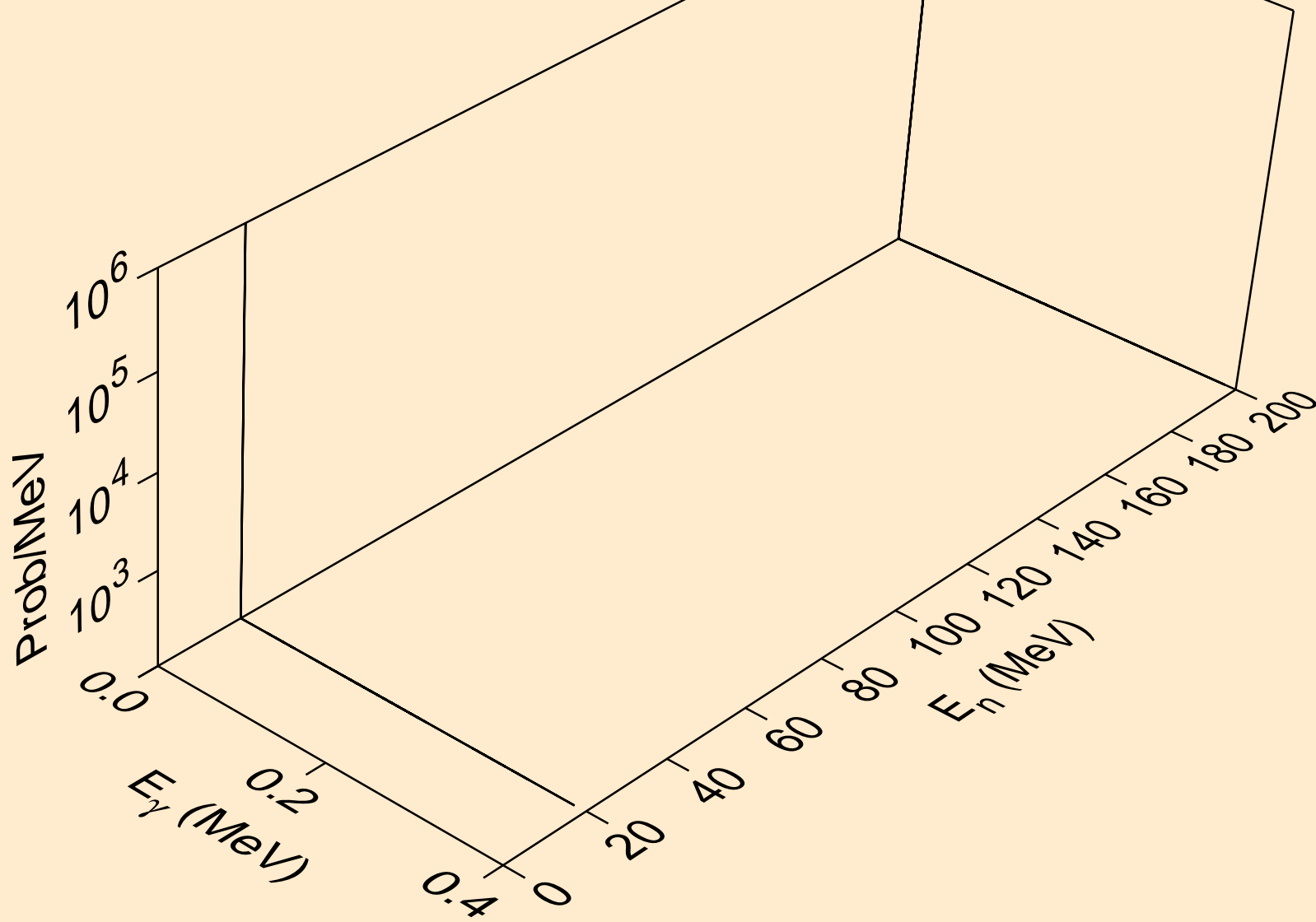
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



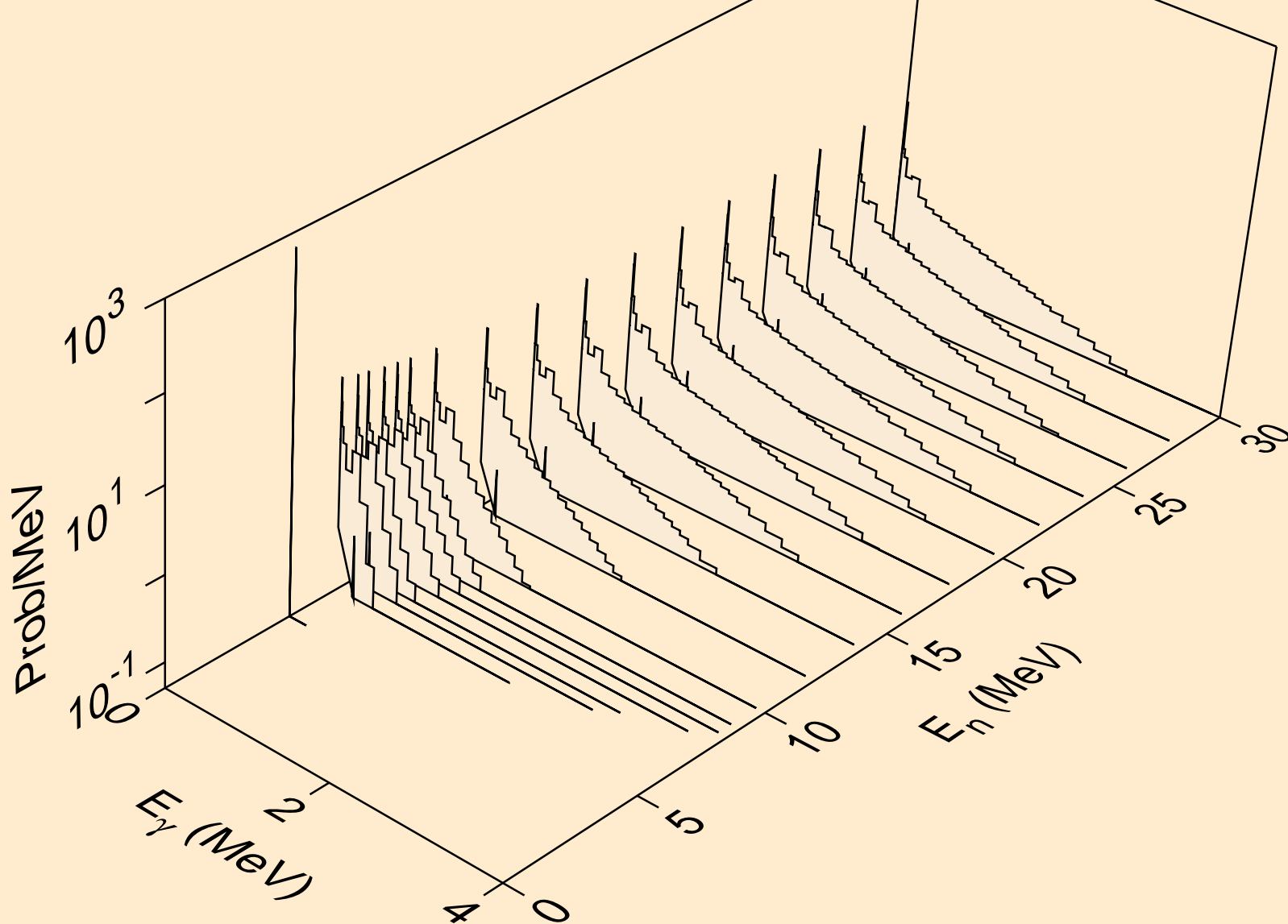
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n) α



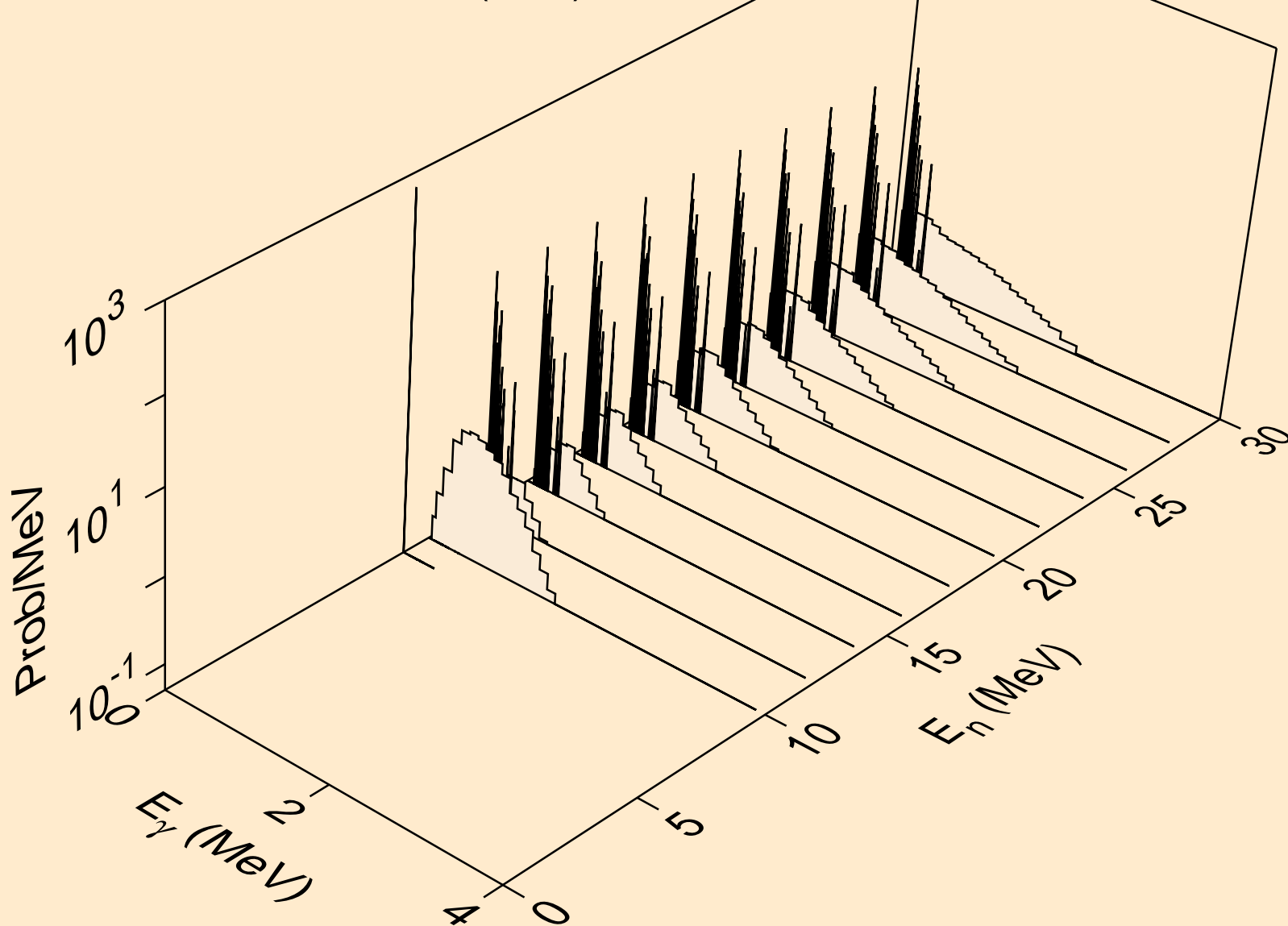
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



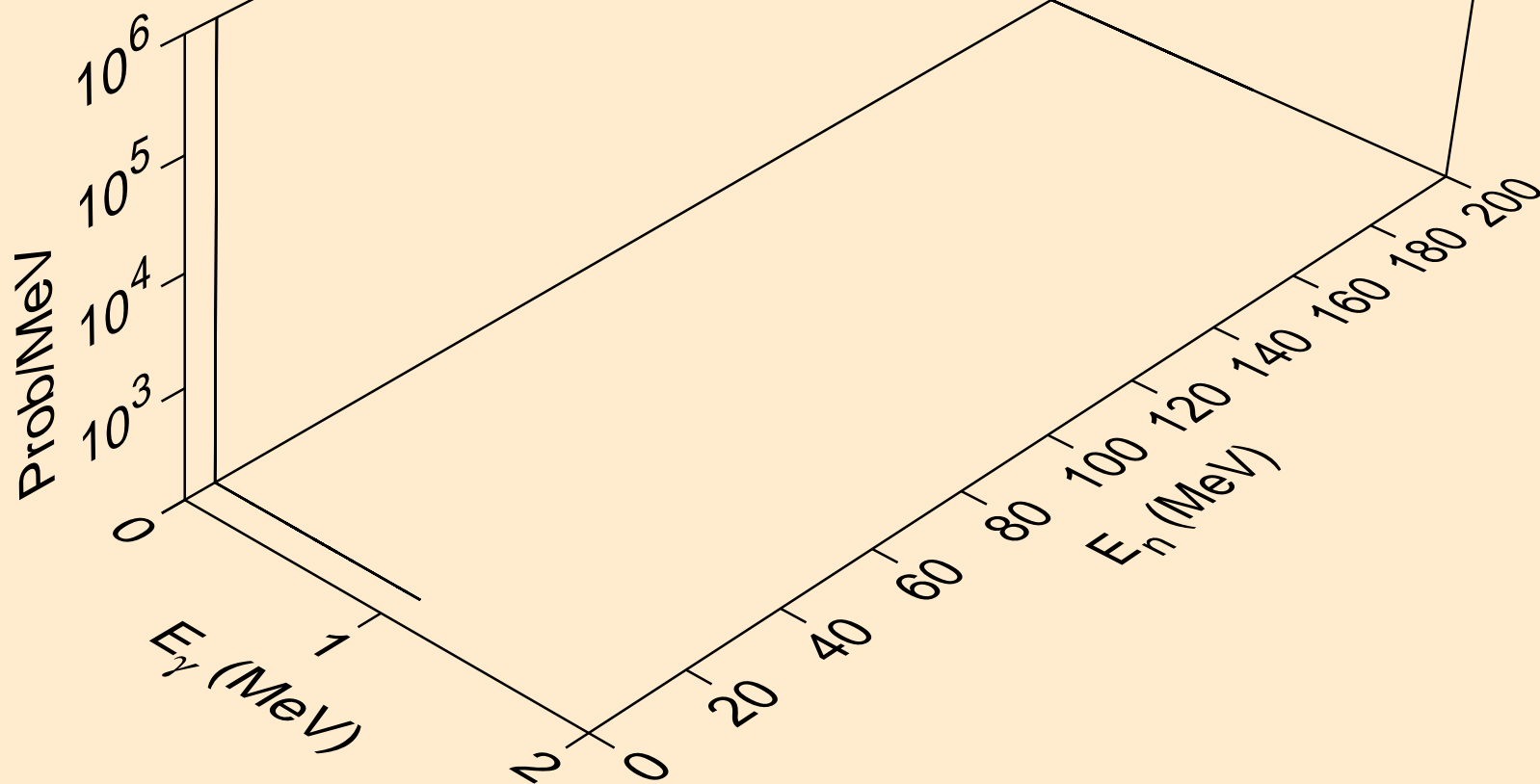
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



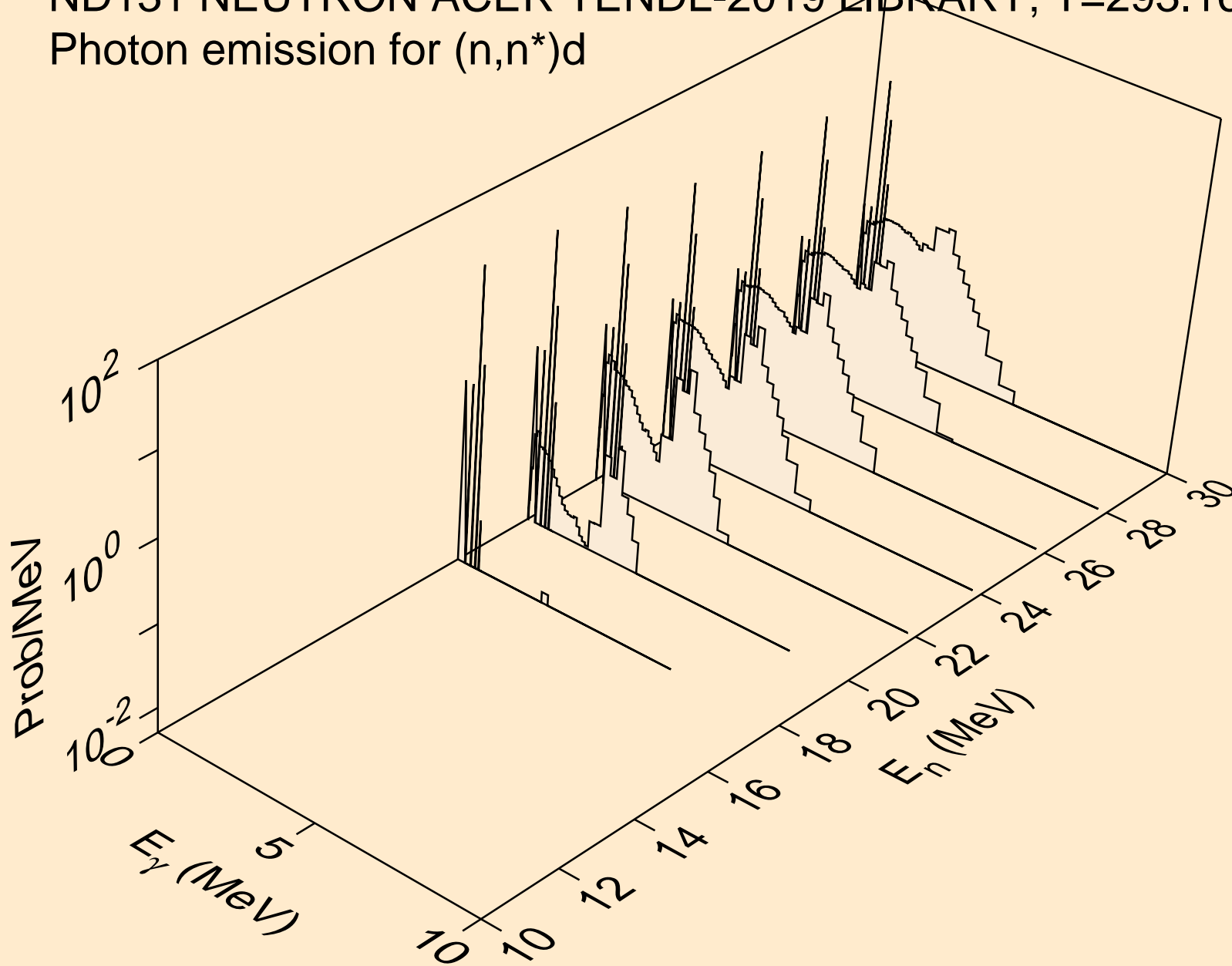
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



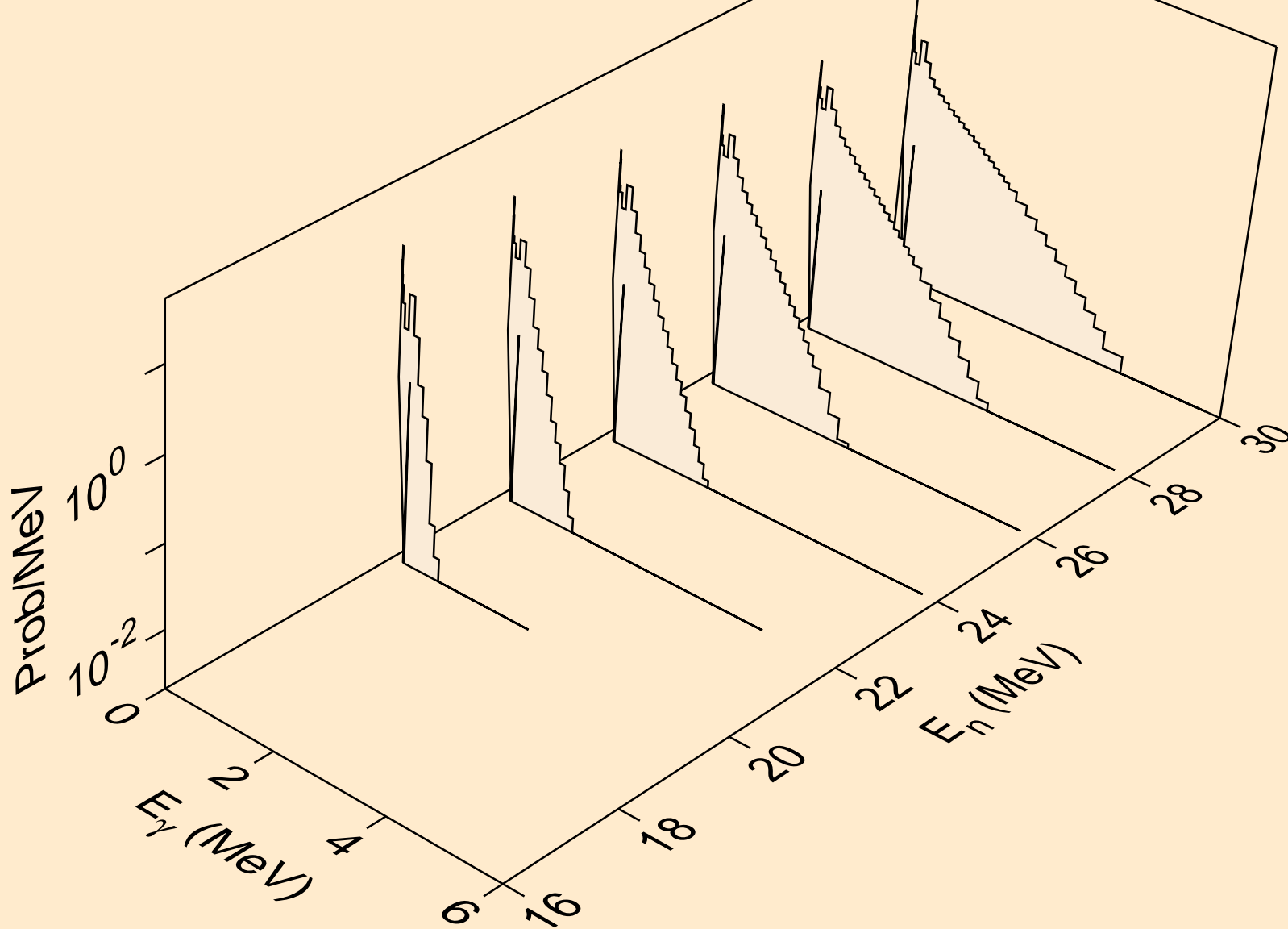
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



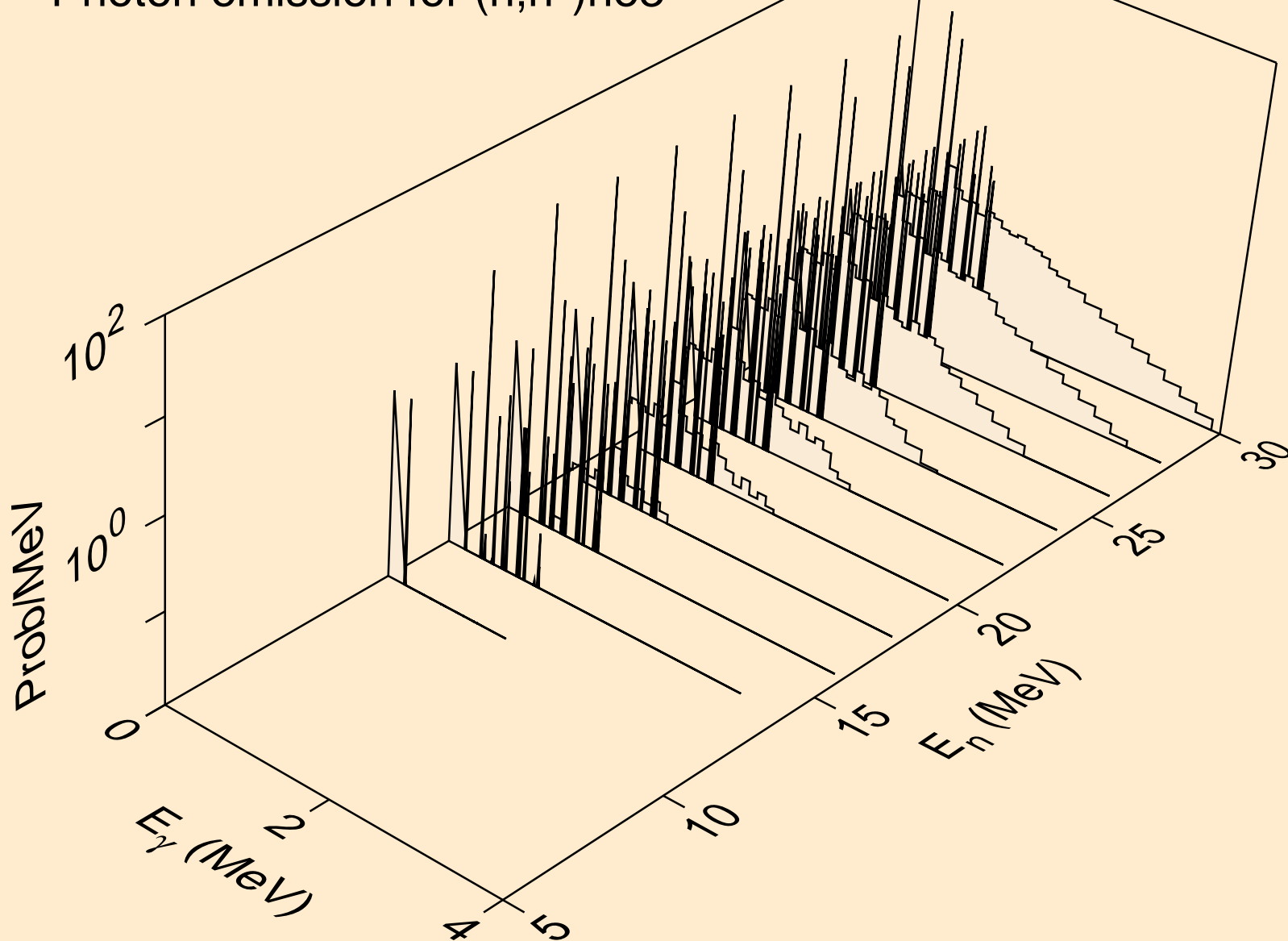
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



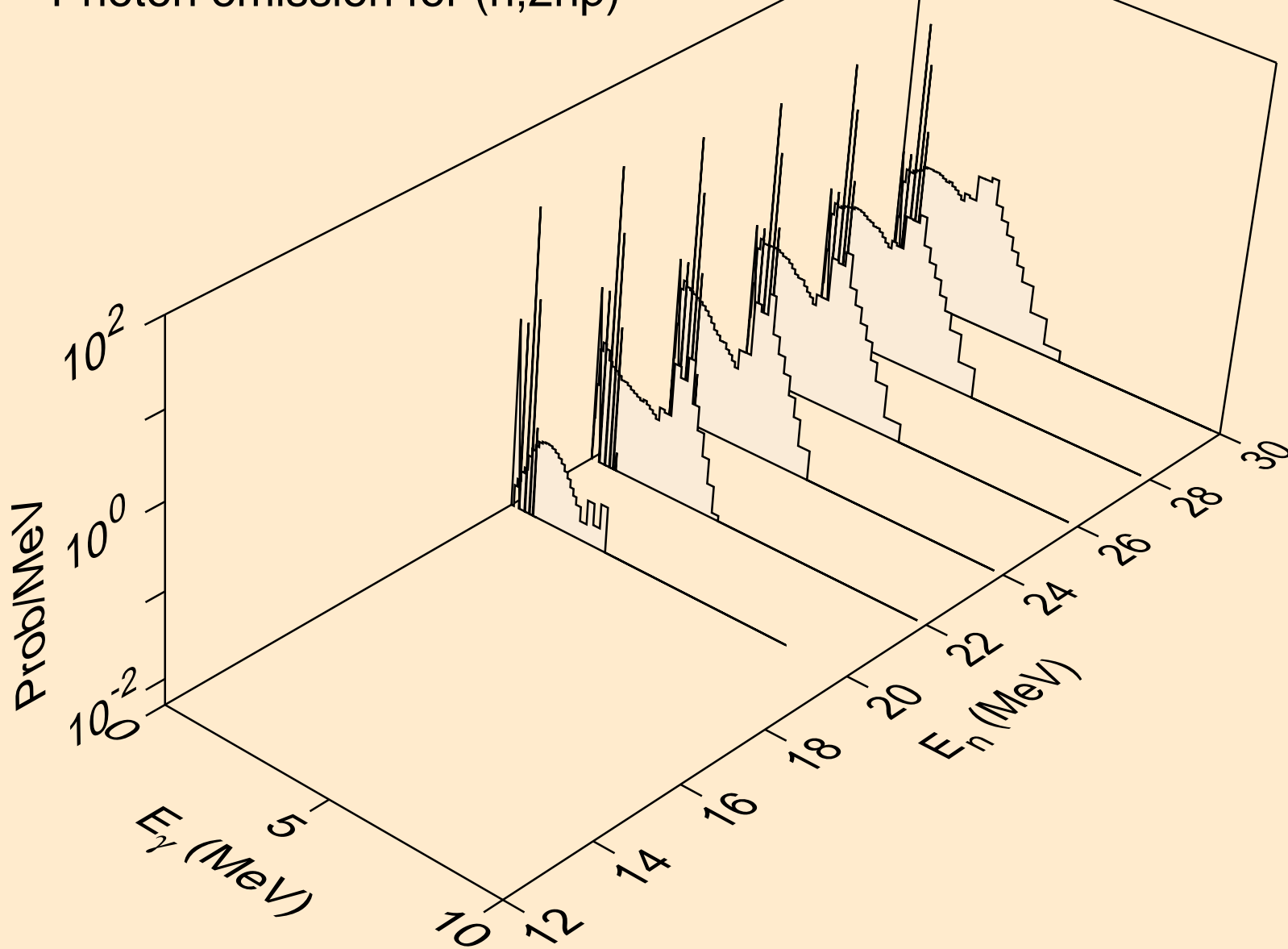
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



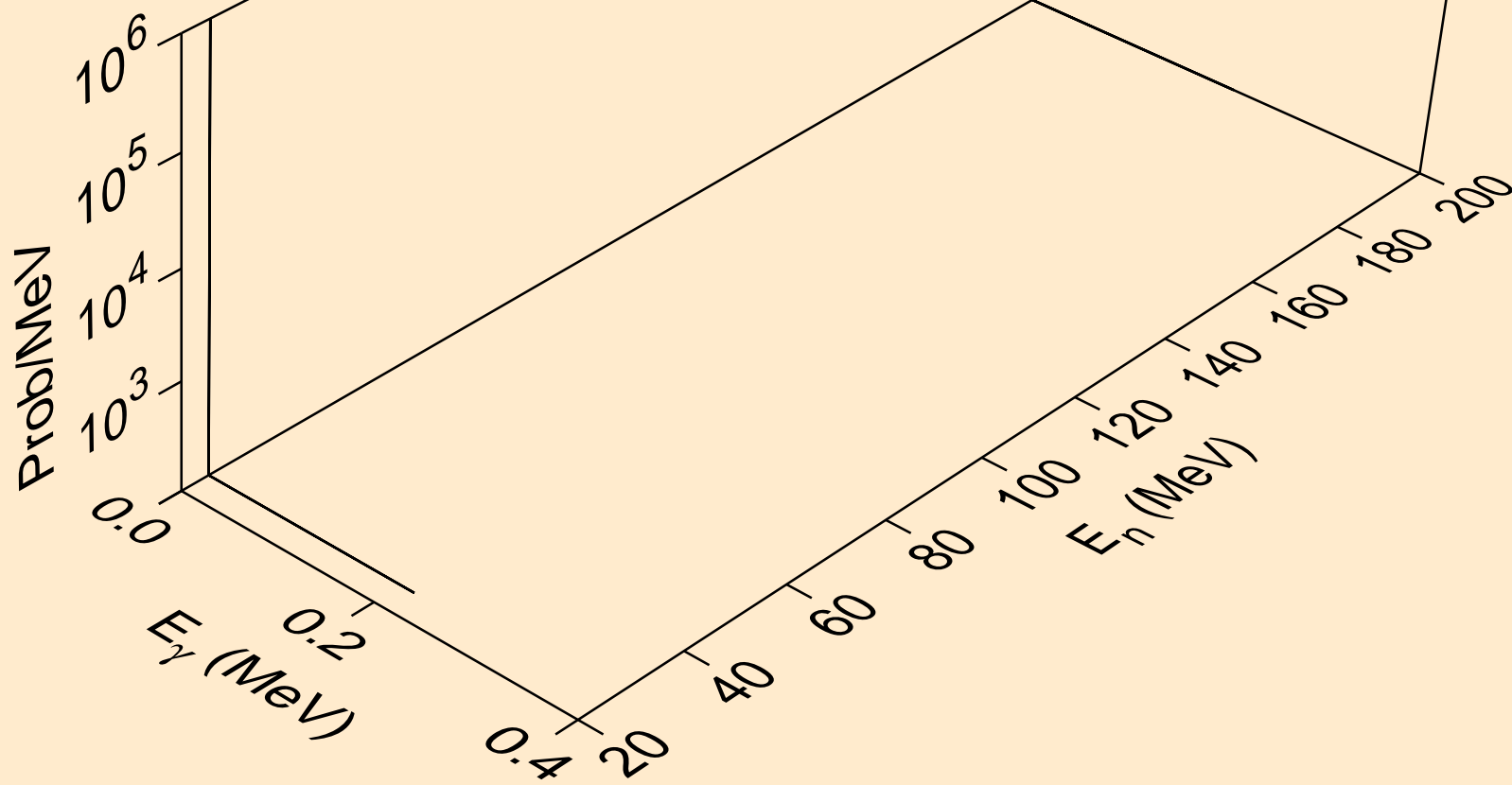
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



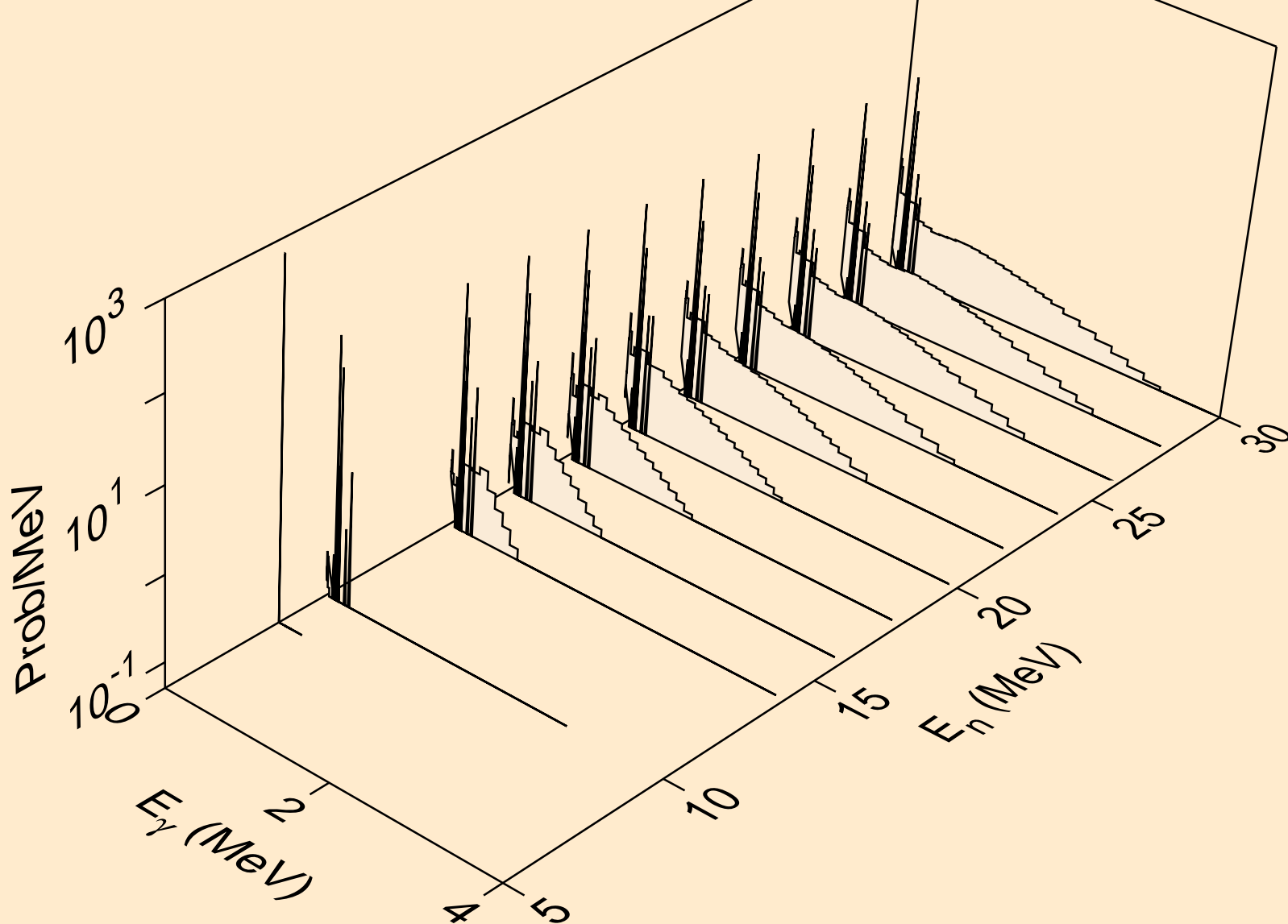
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



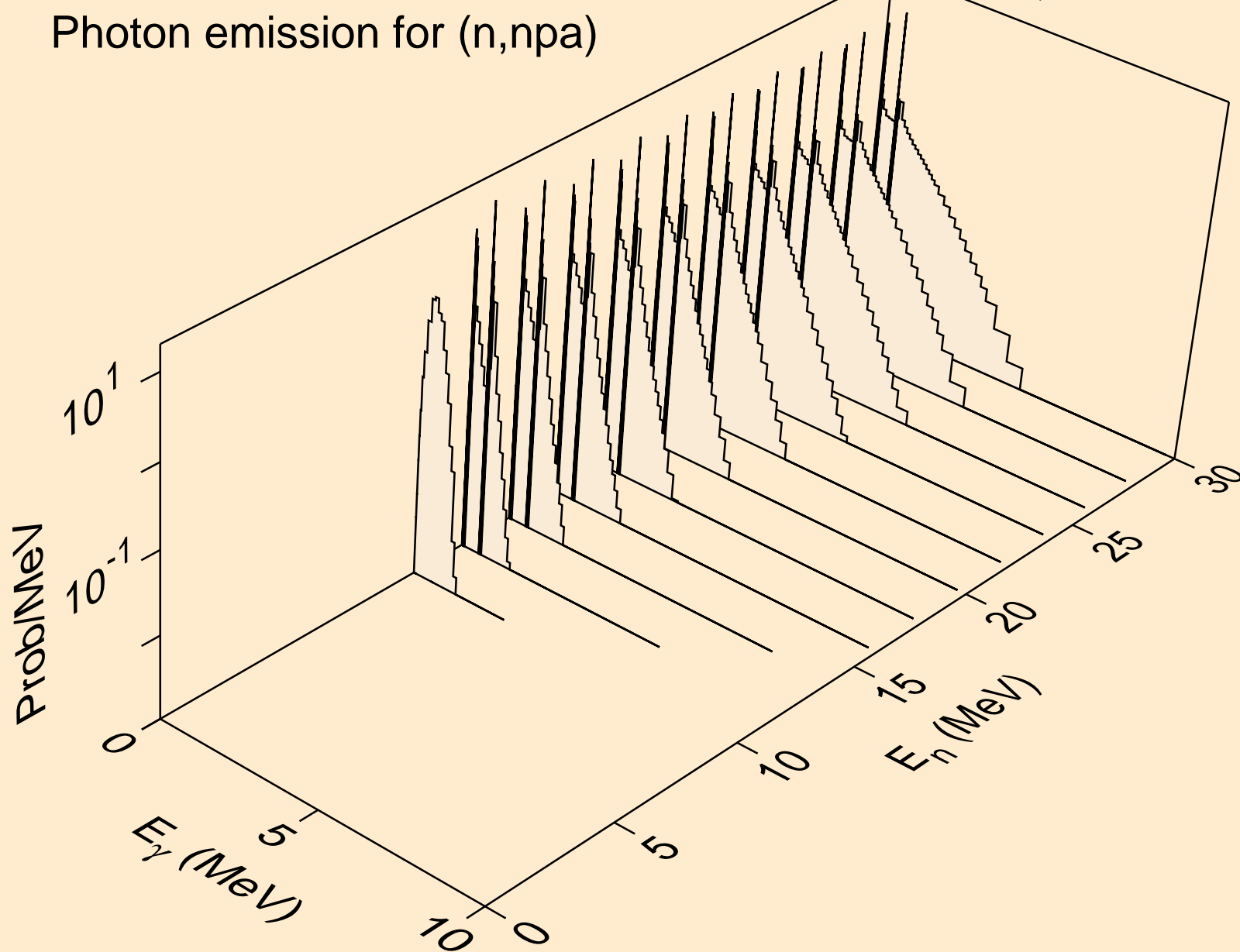
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



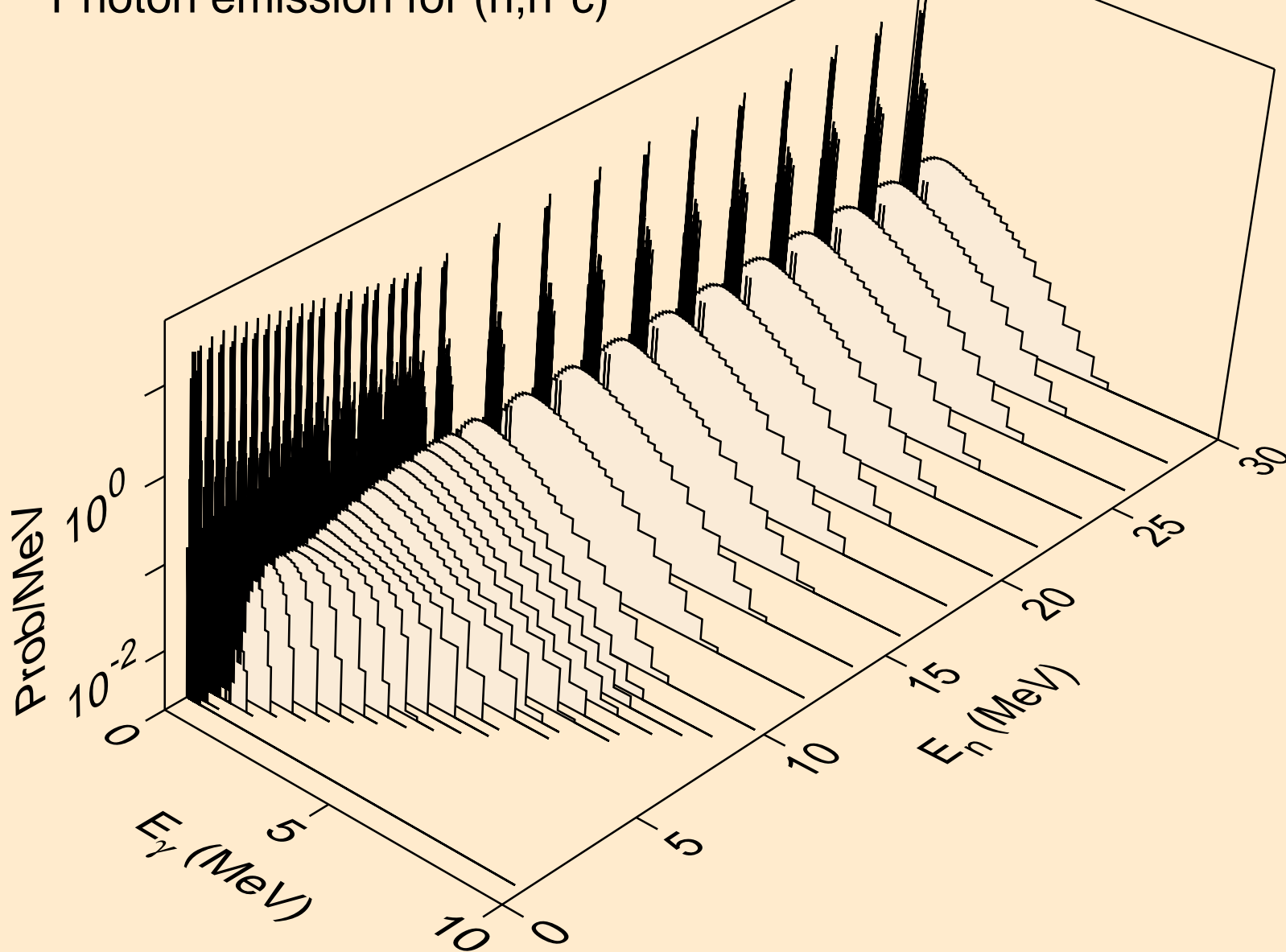
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



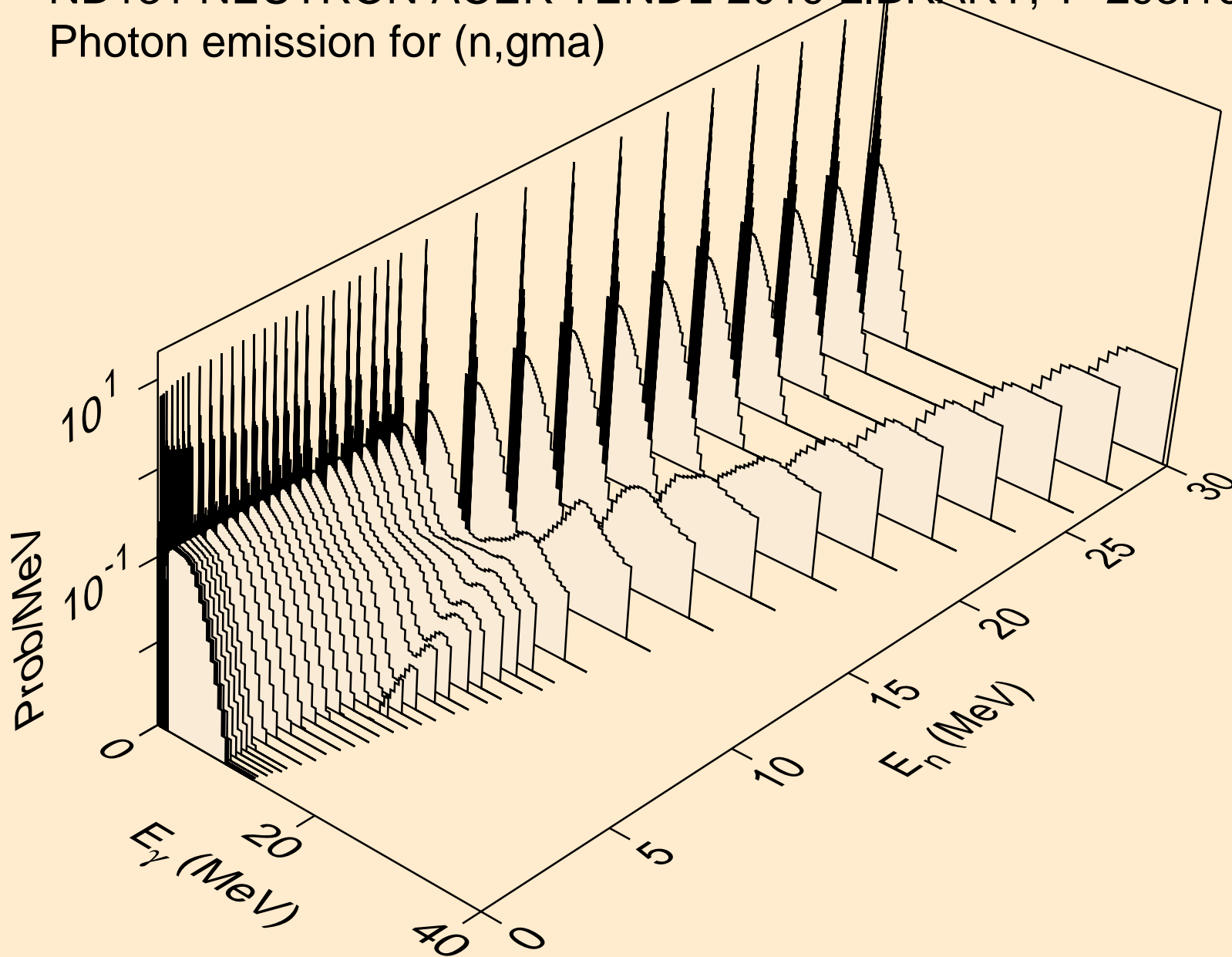
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



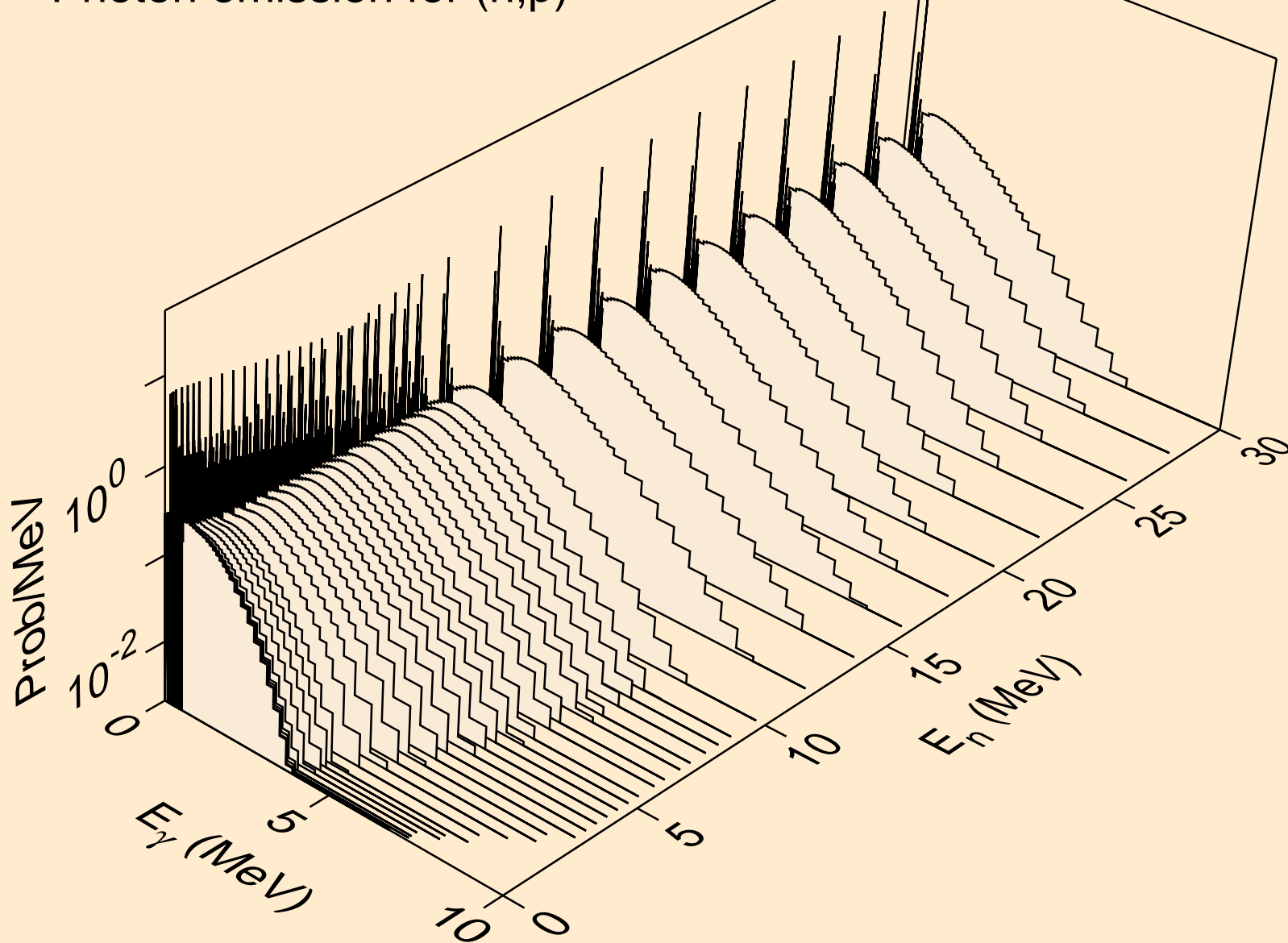
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



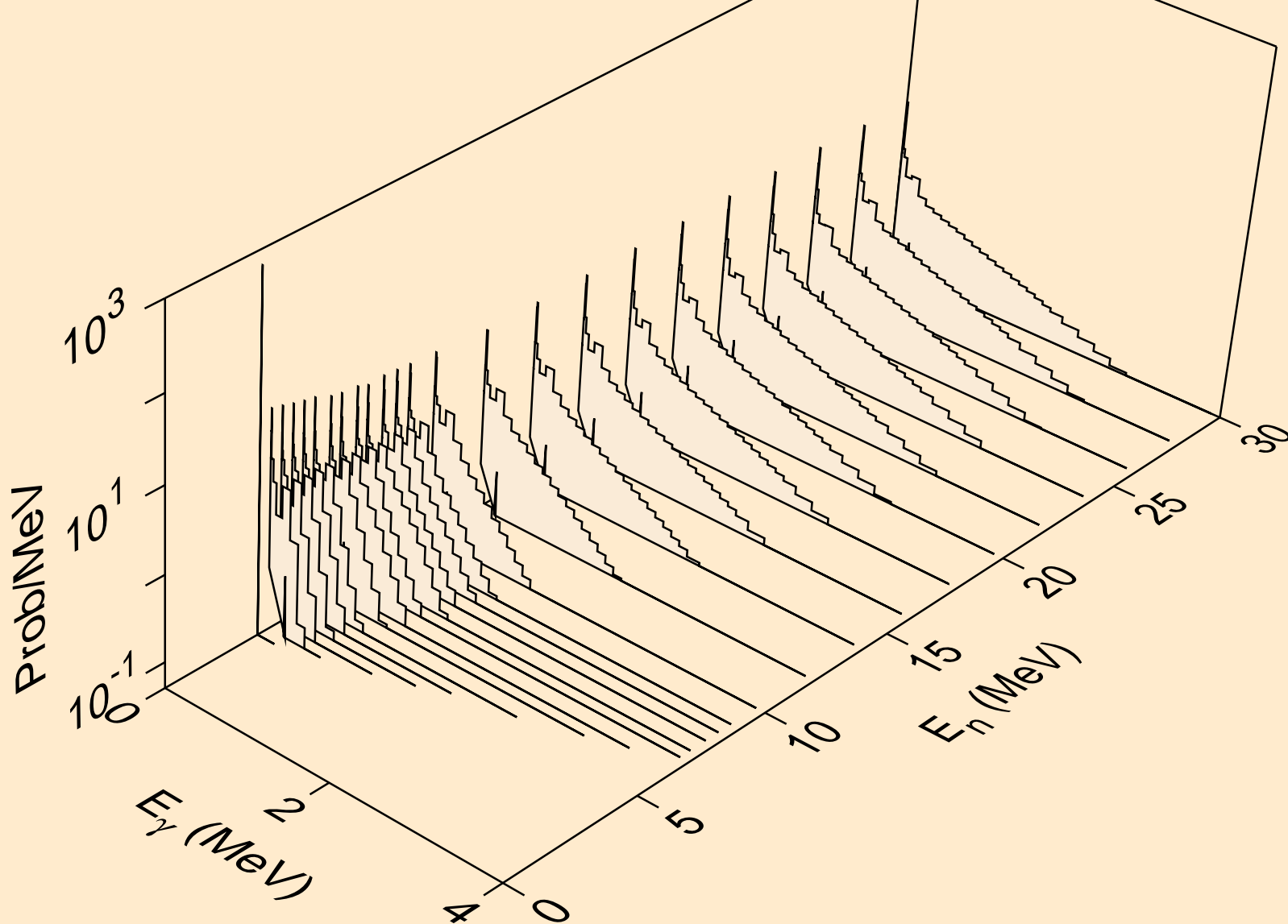
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



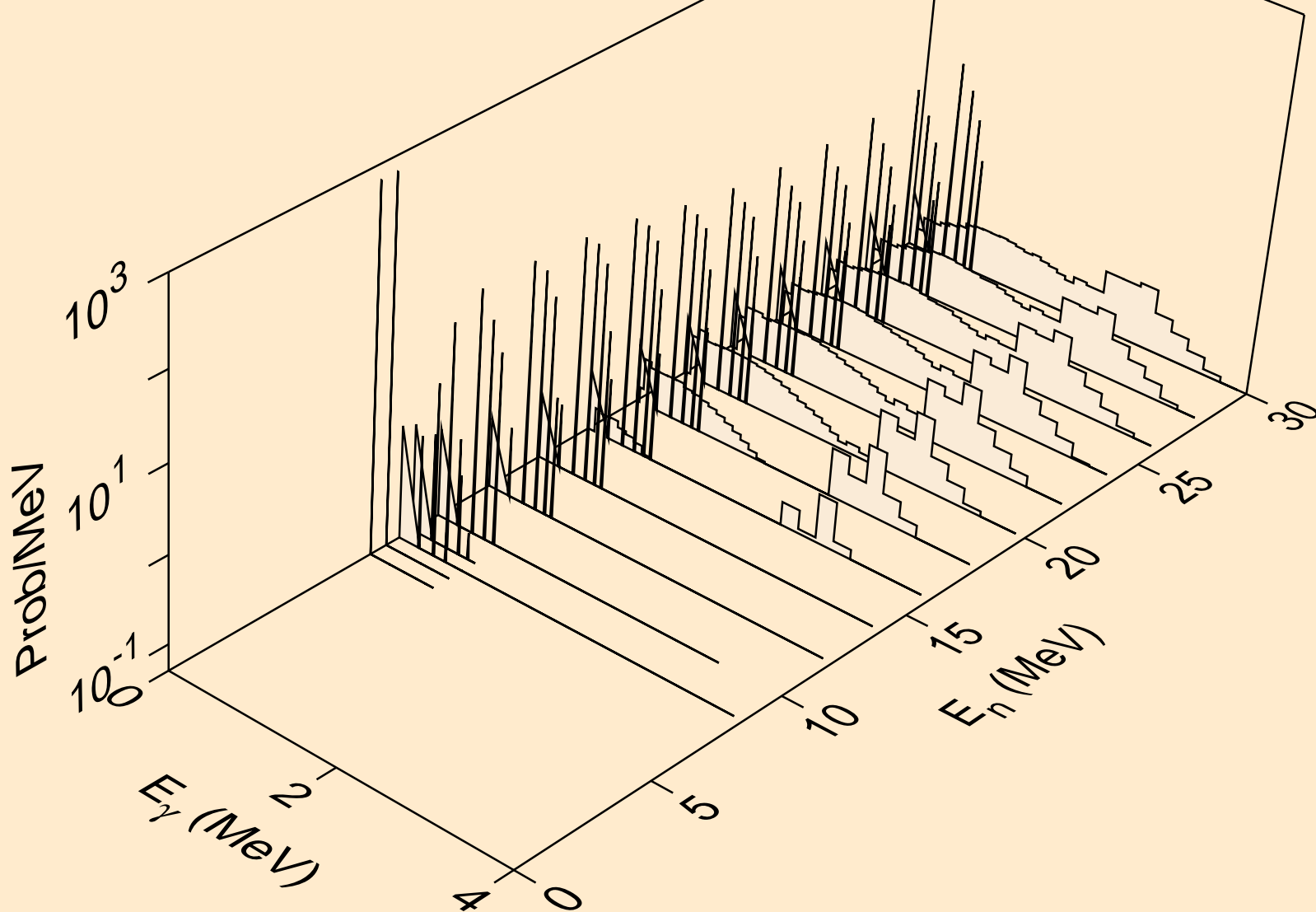
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



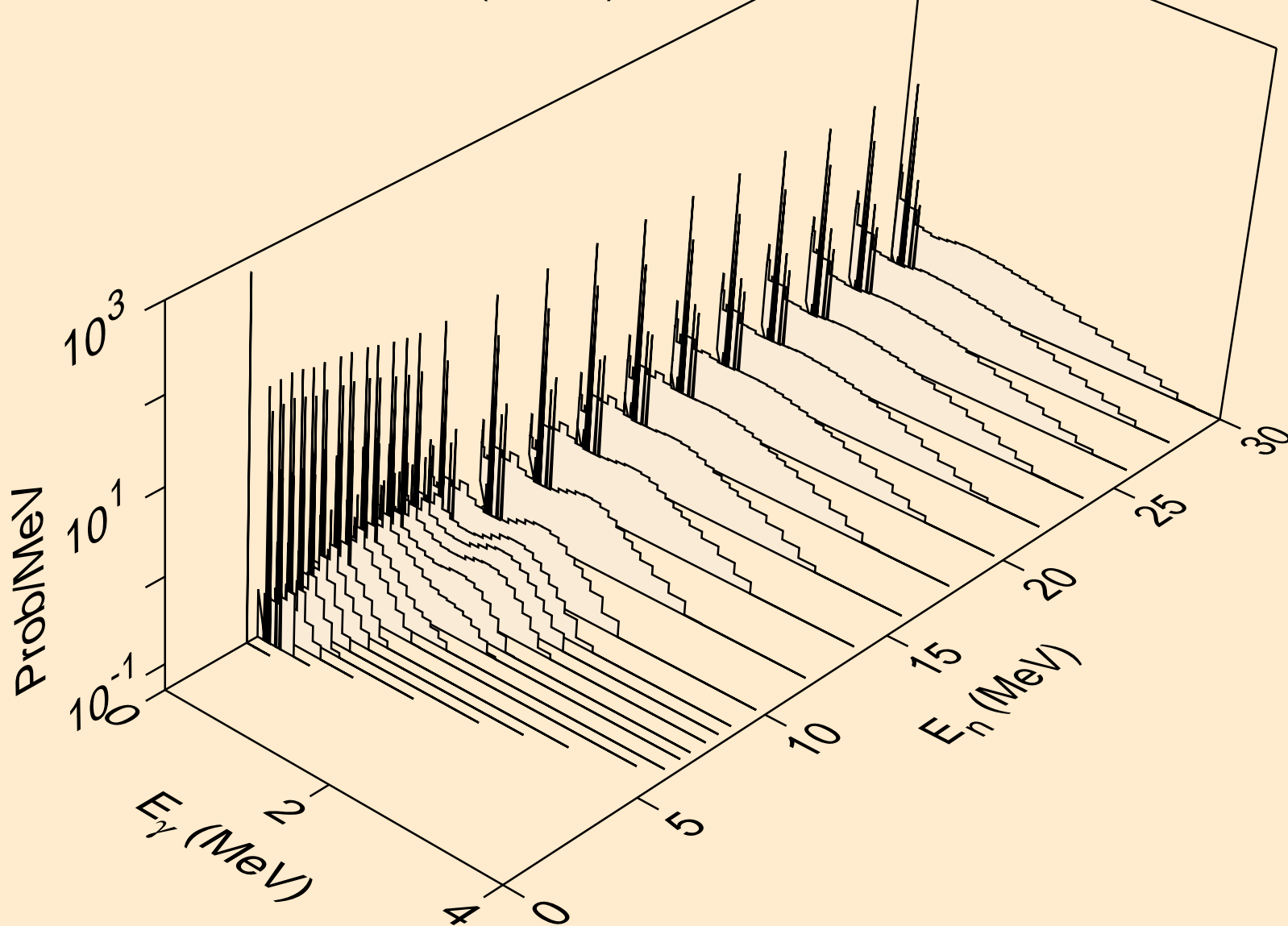
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



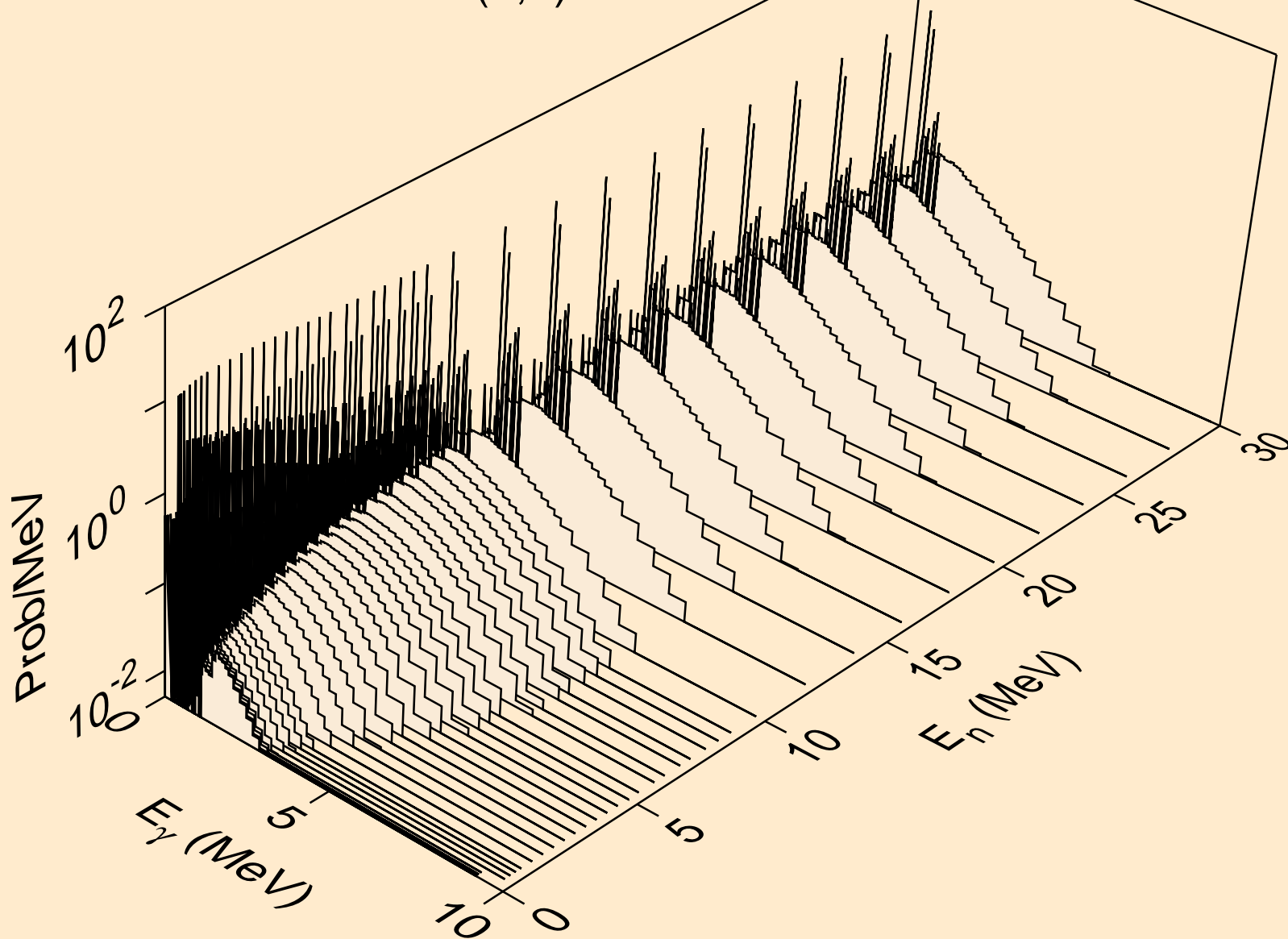
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



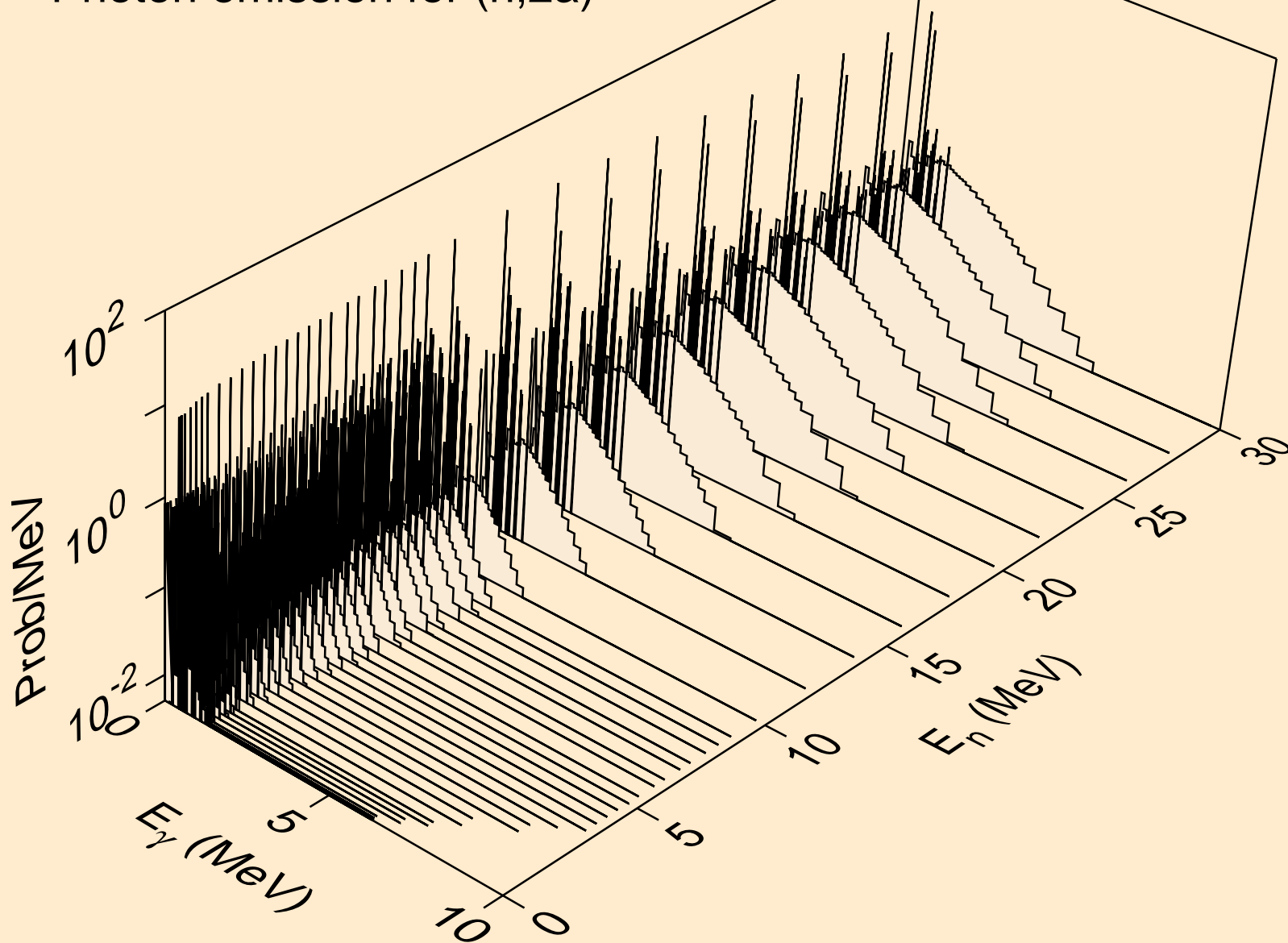
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



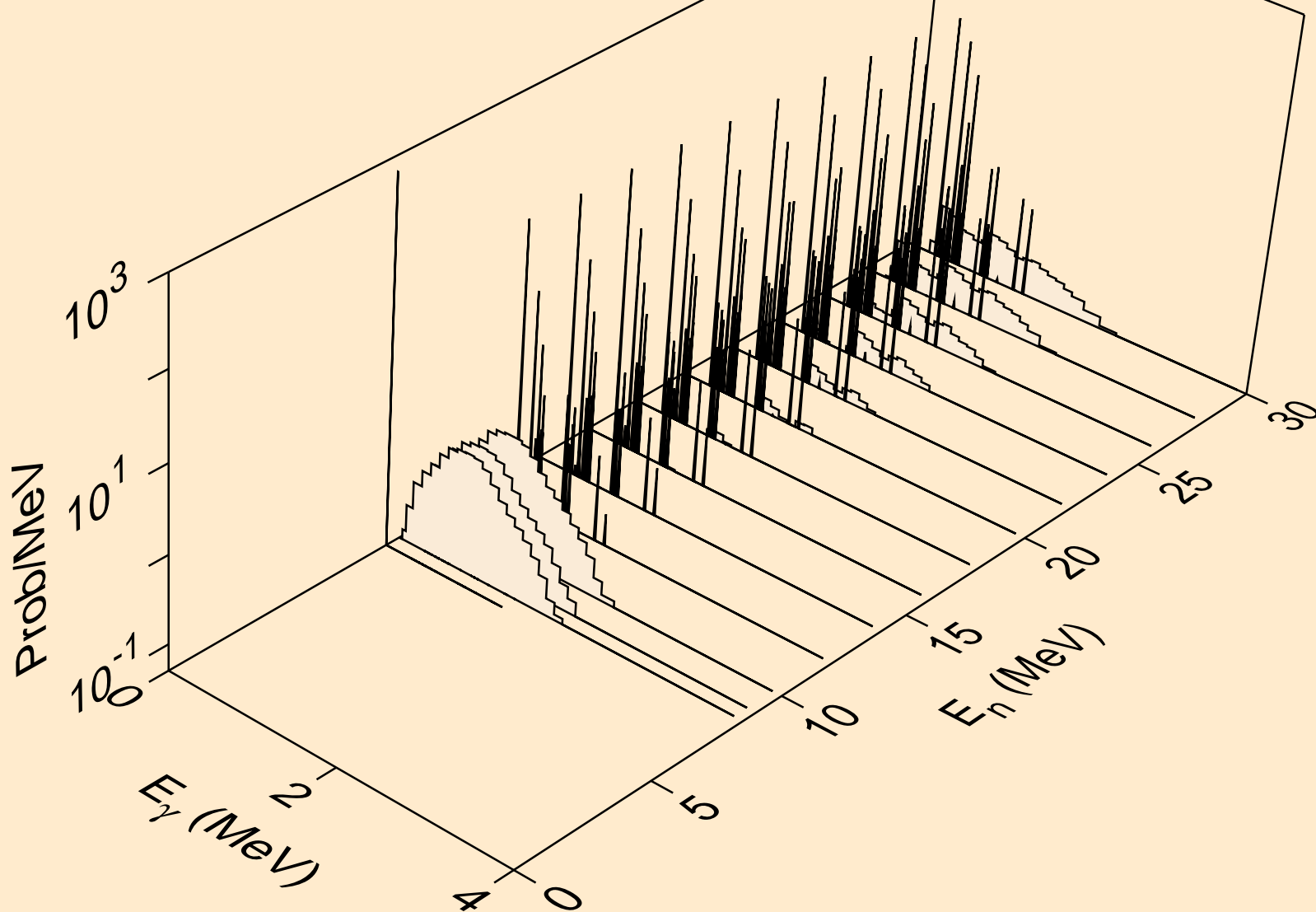
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



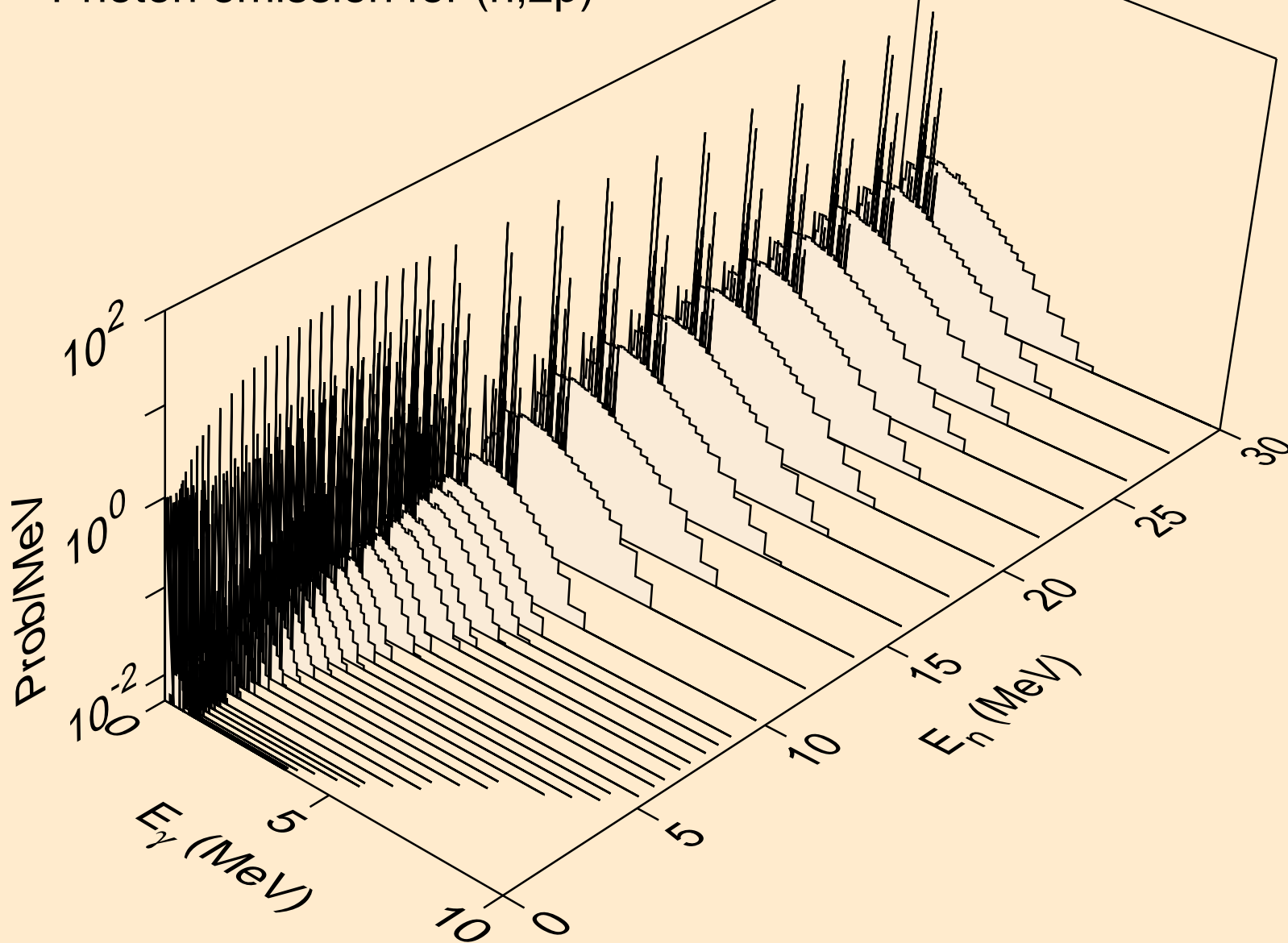
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



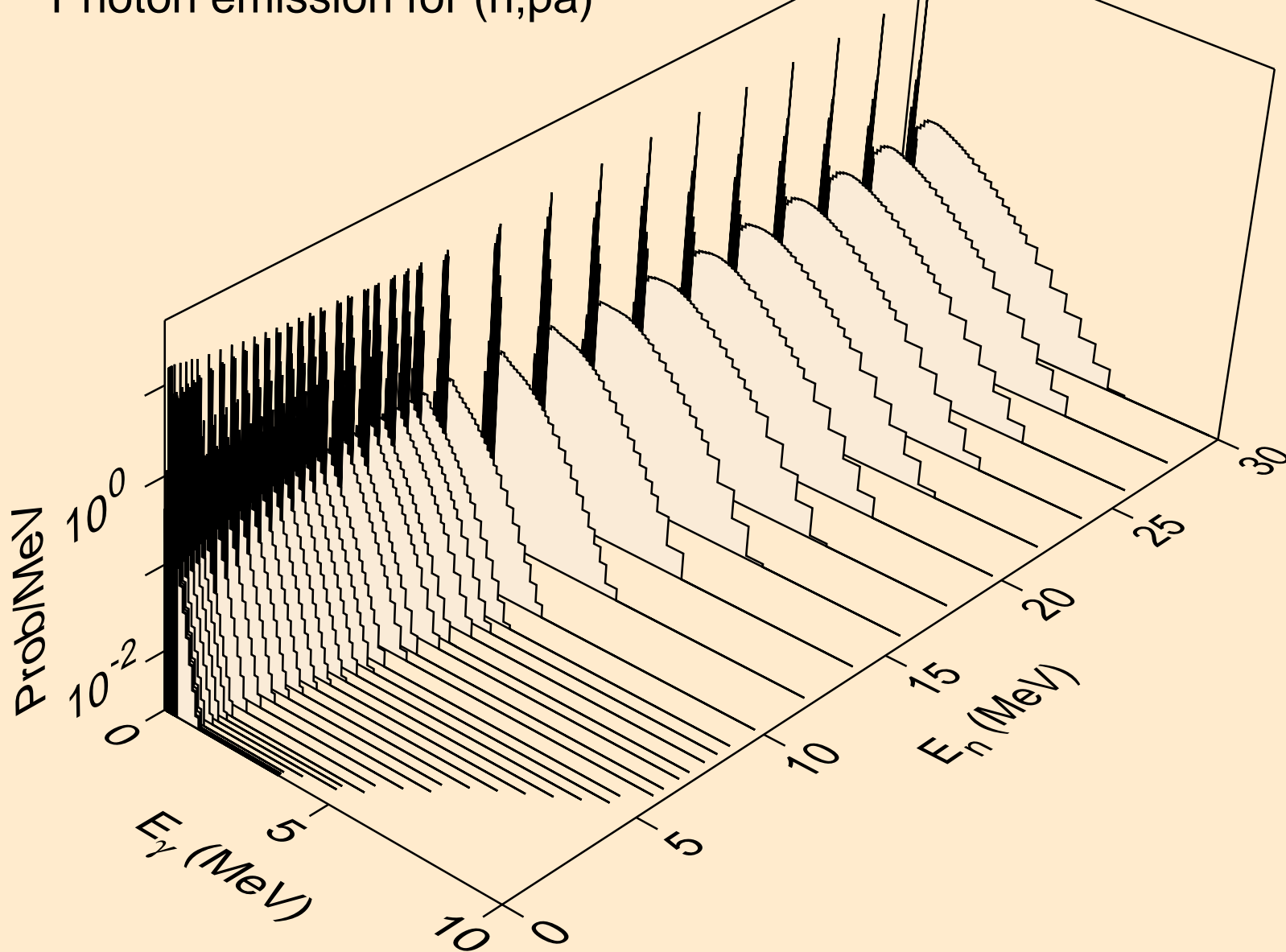
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



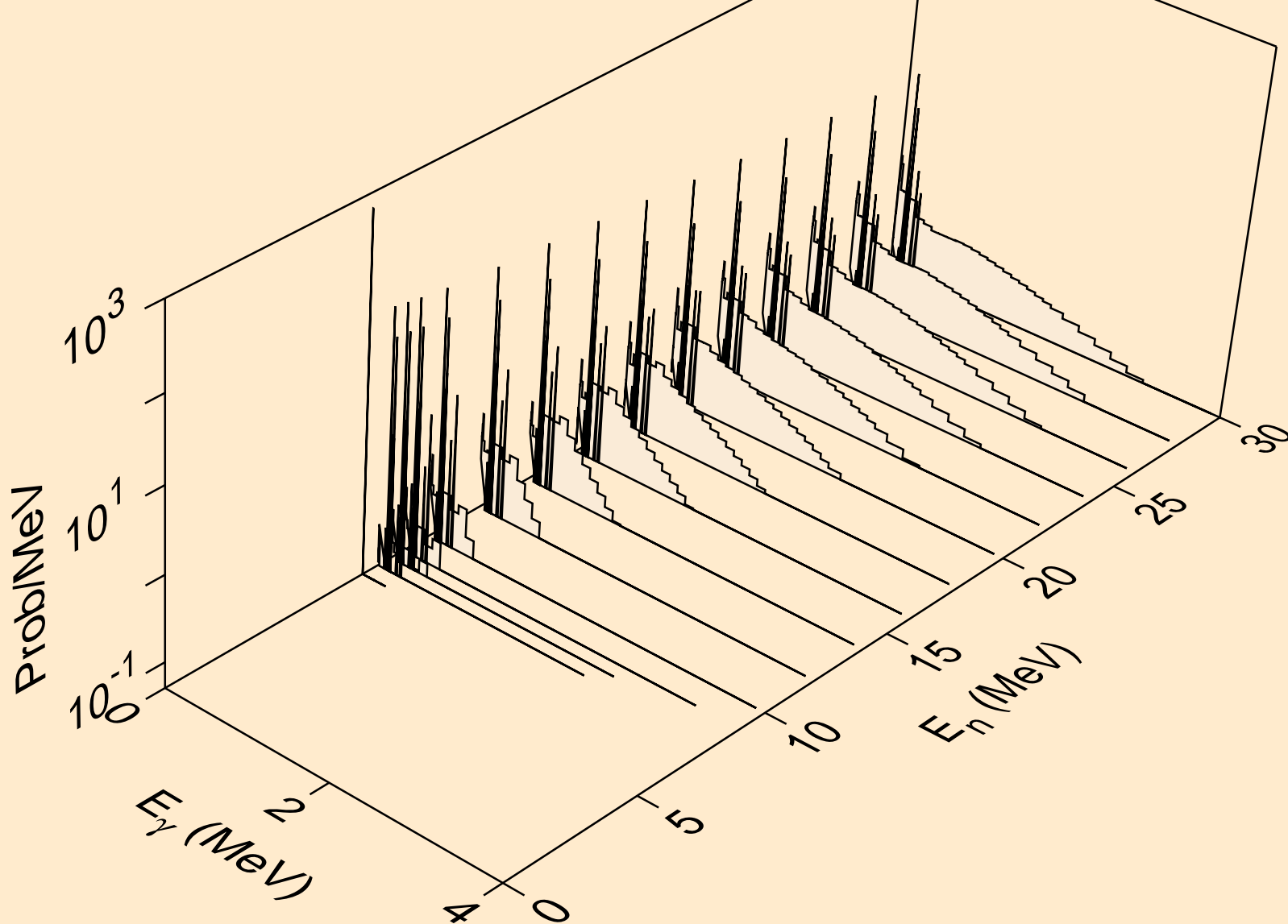
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



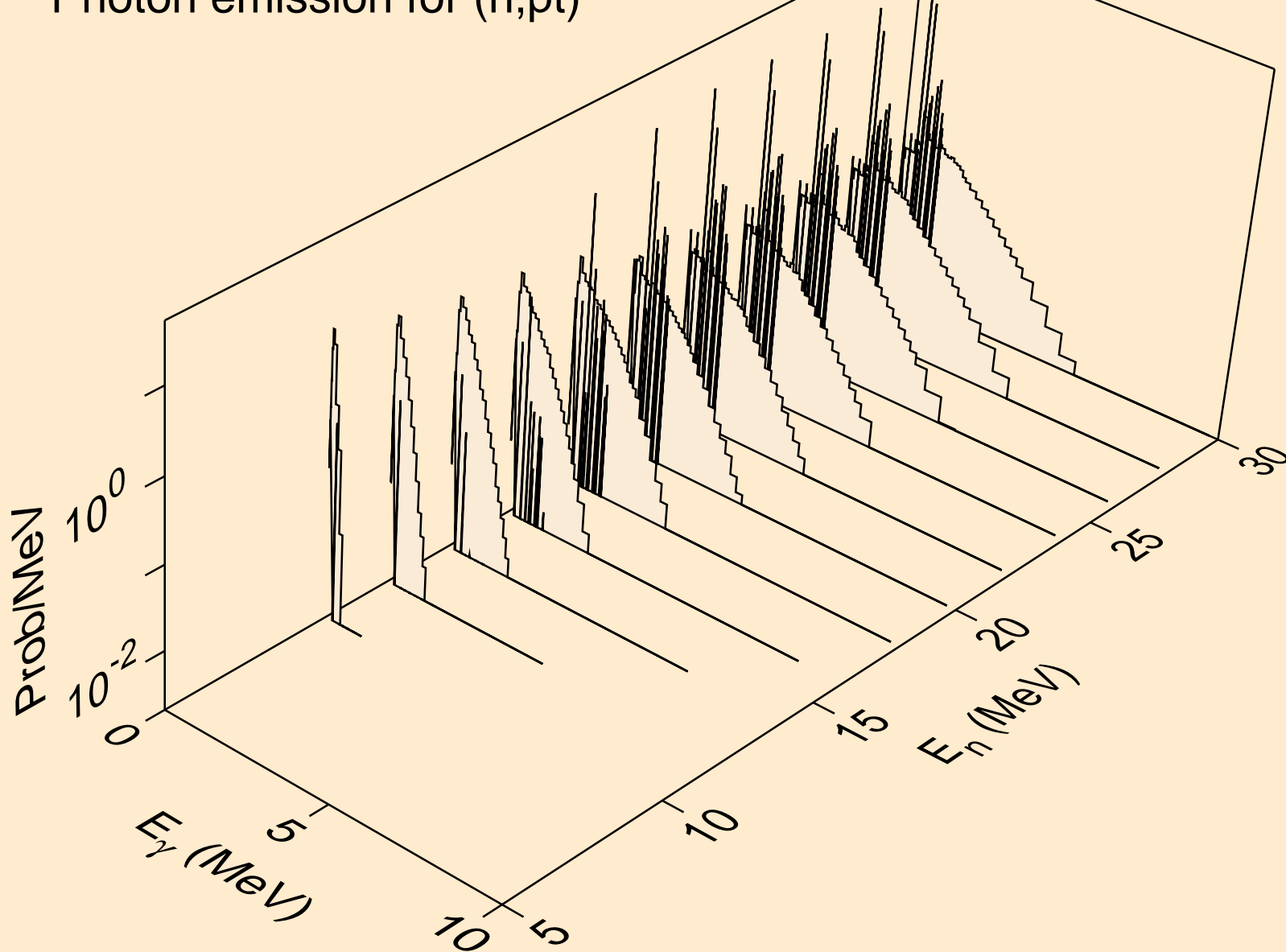
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



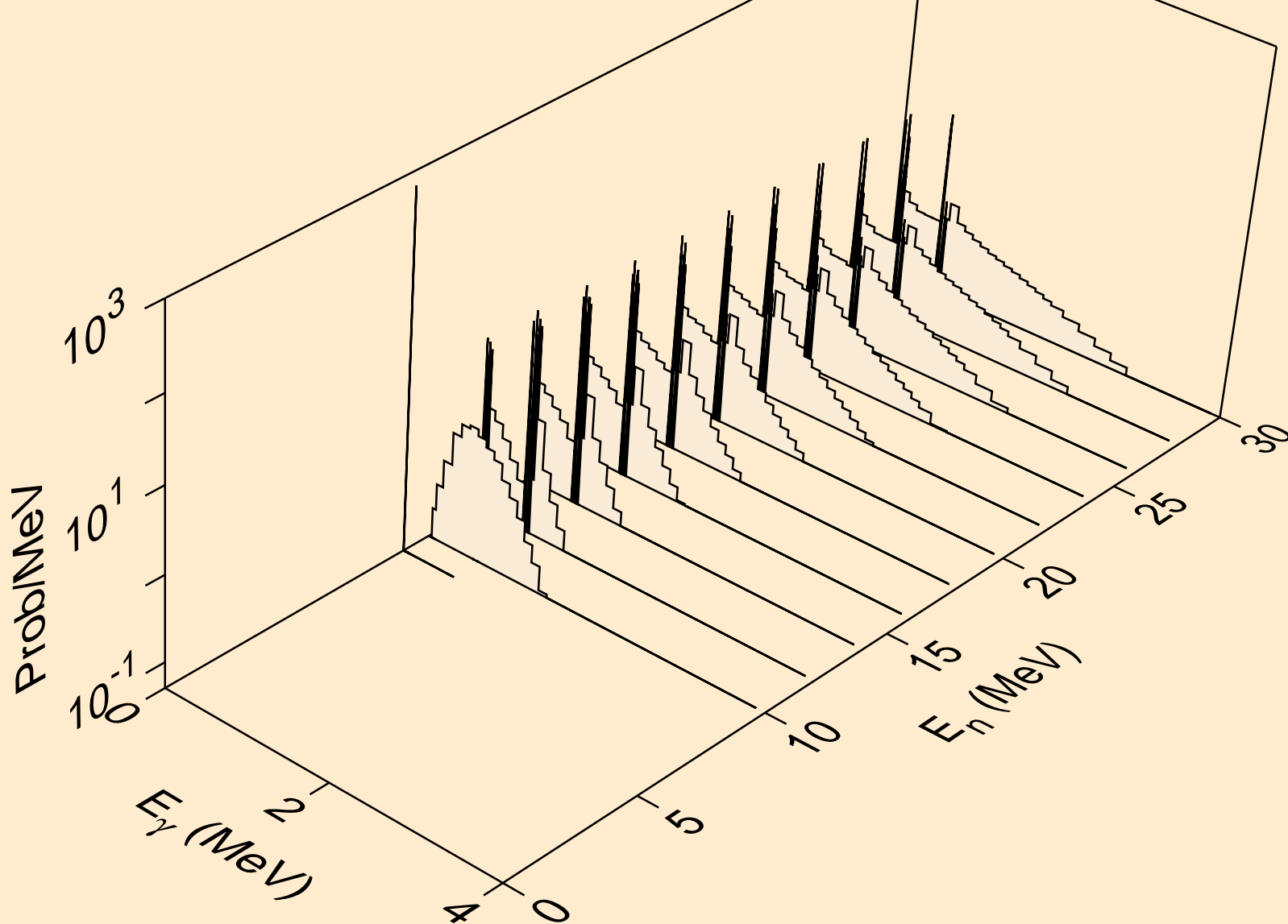
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



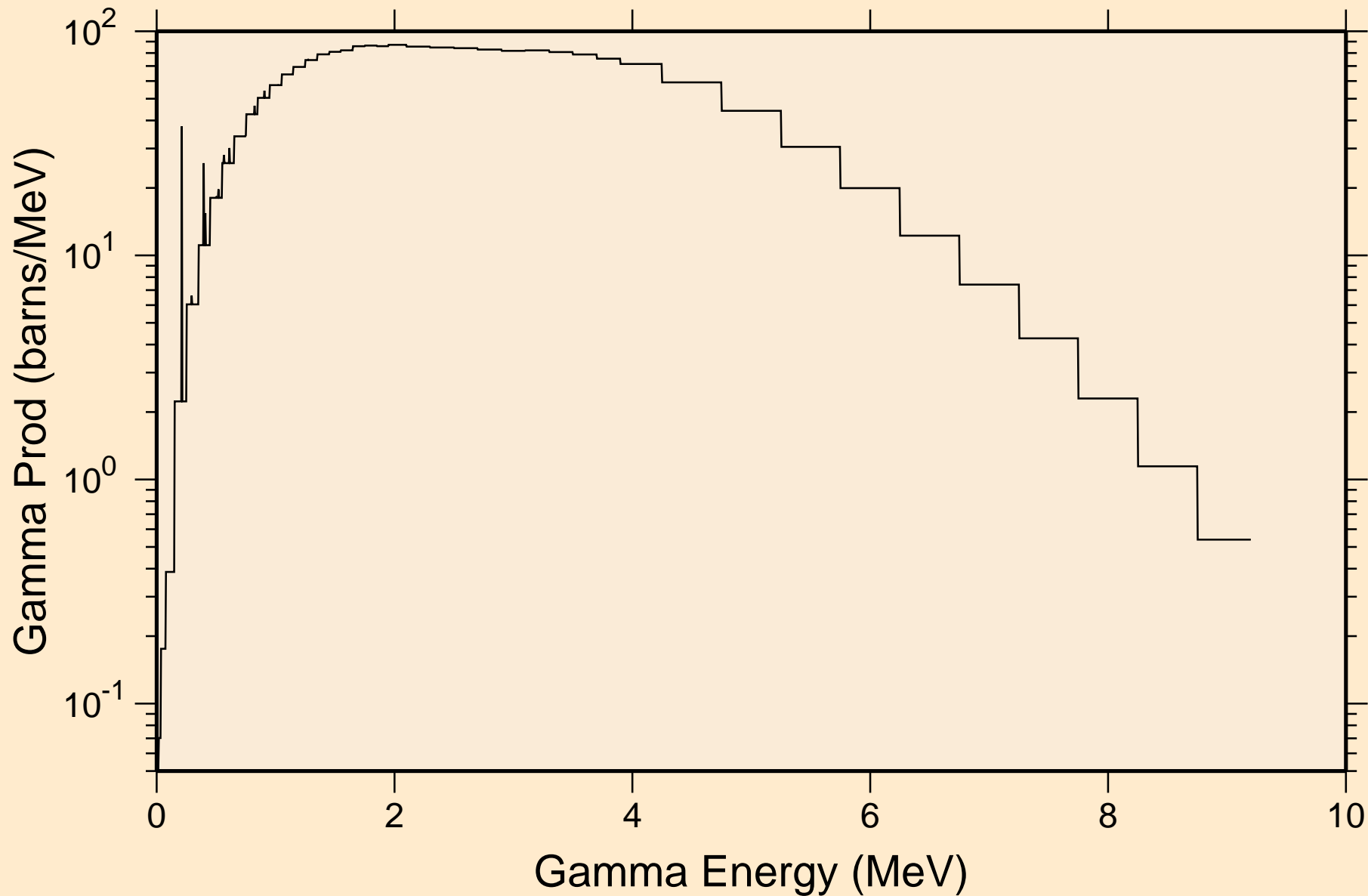
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



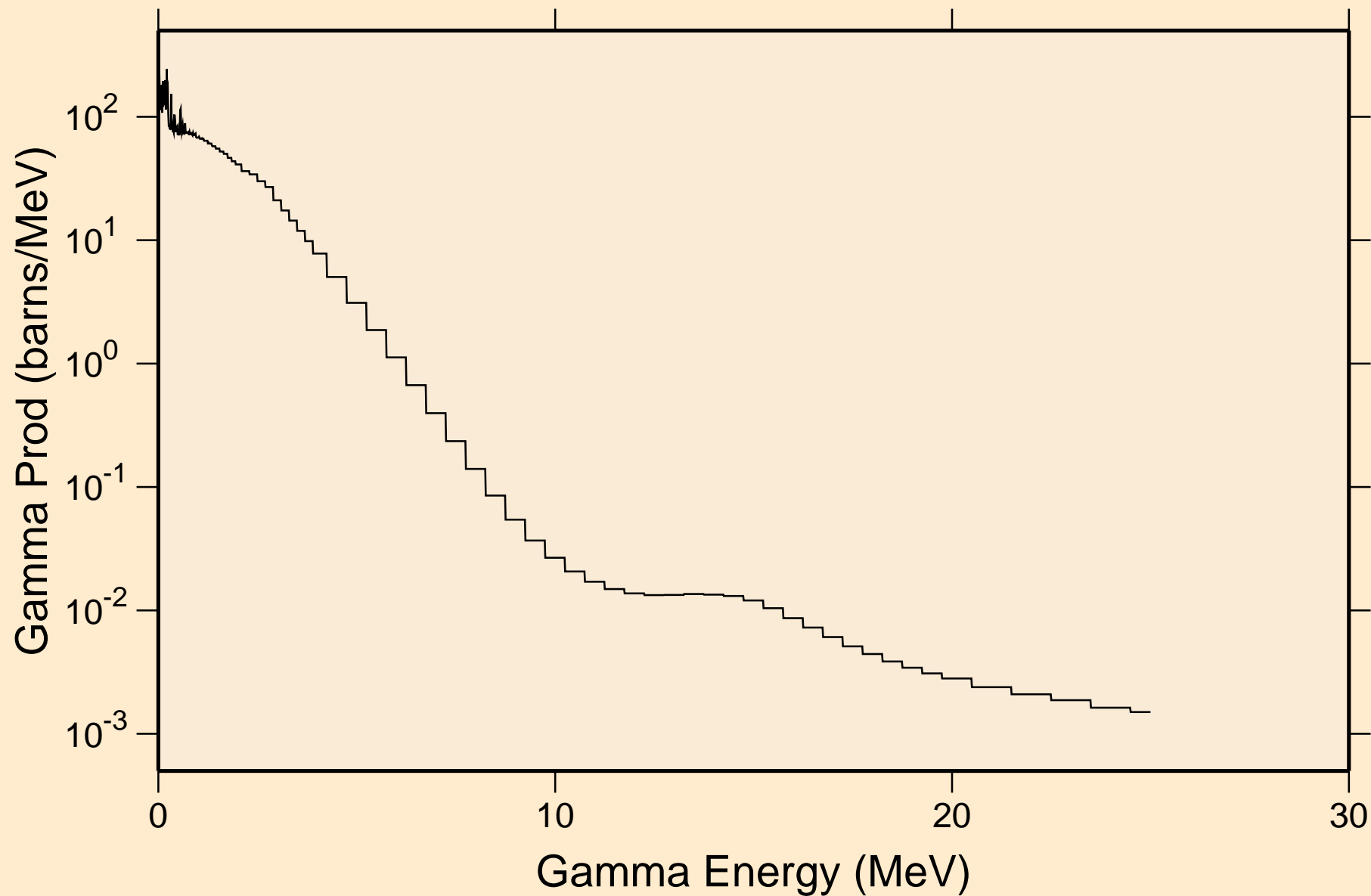
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

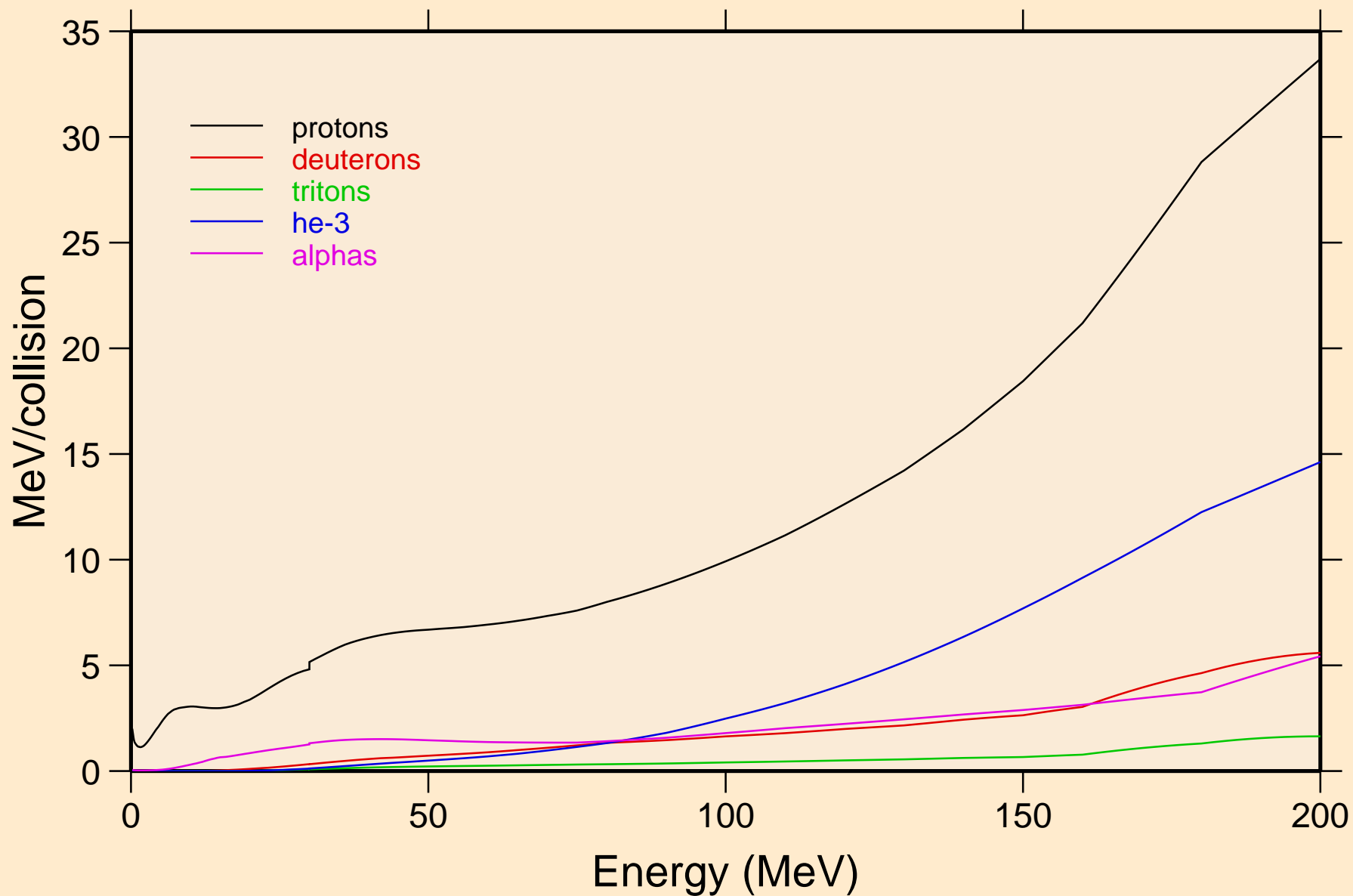


ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

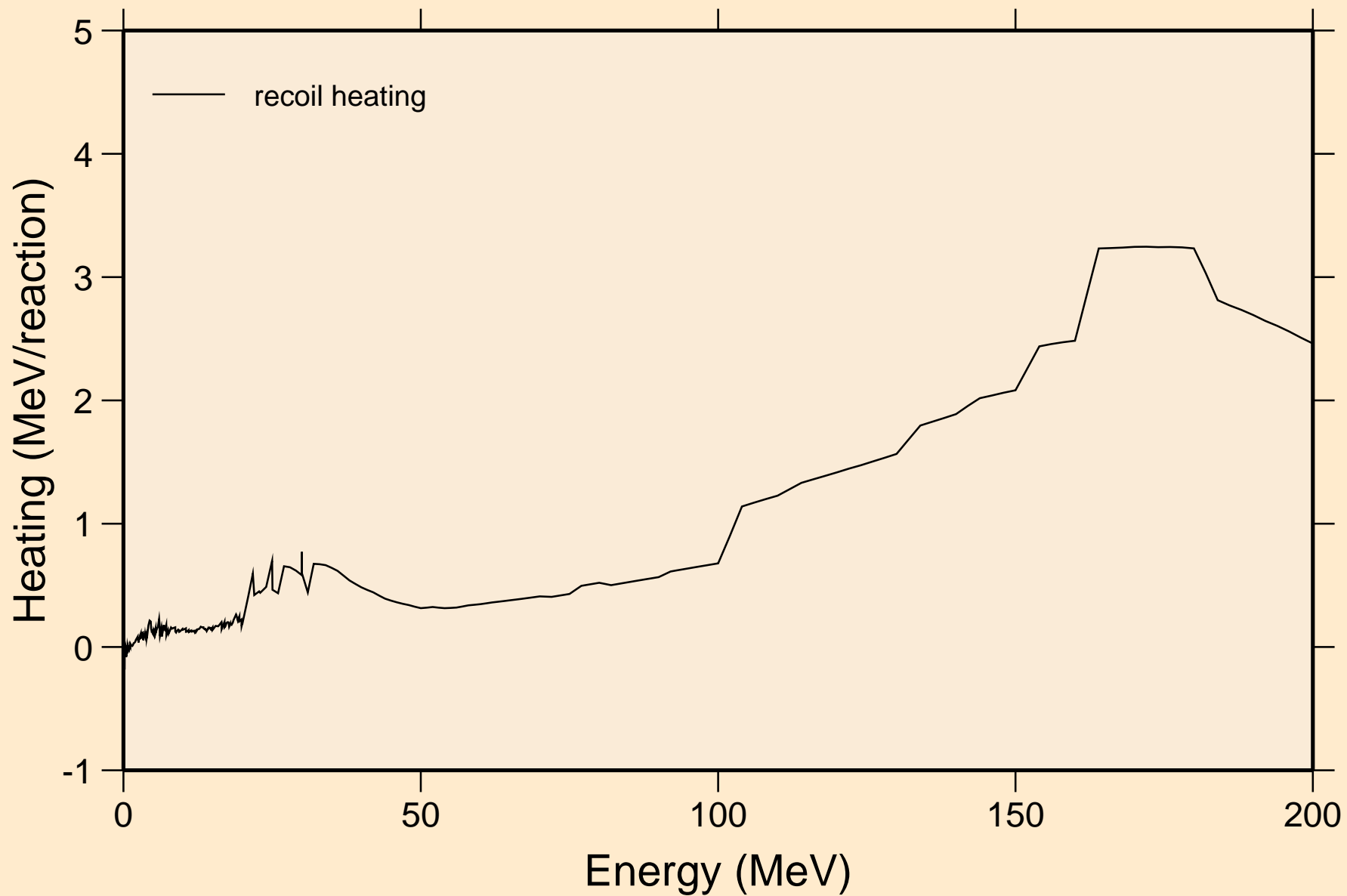


ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

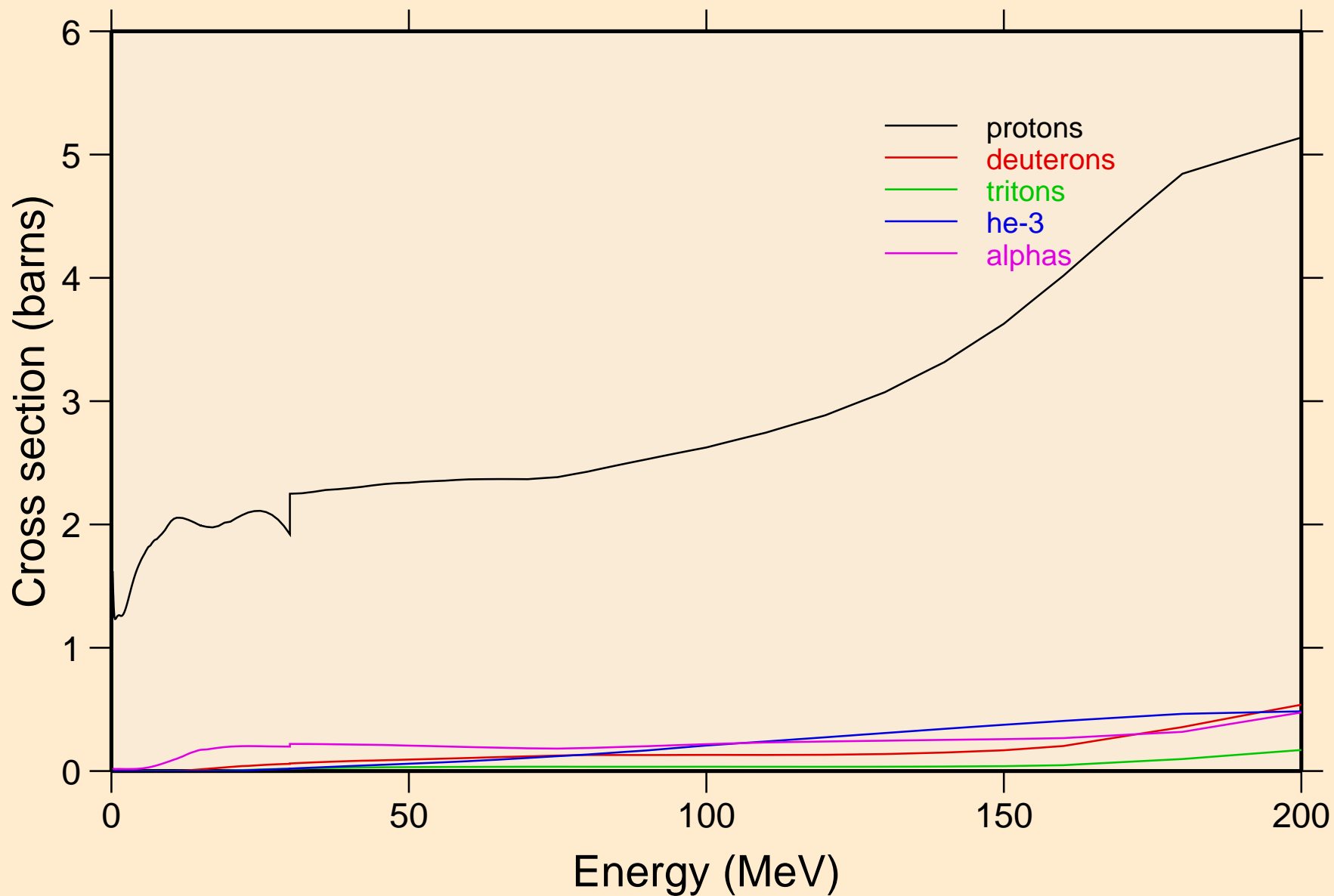
Particle heating contributions



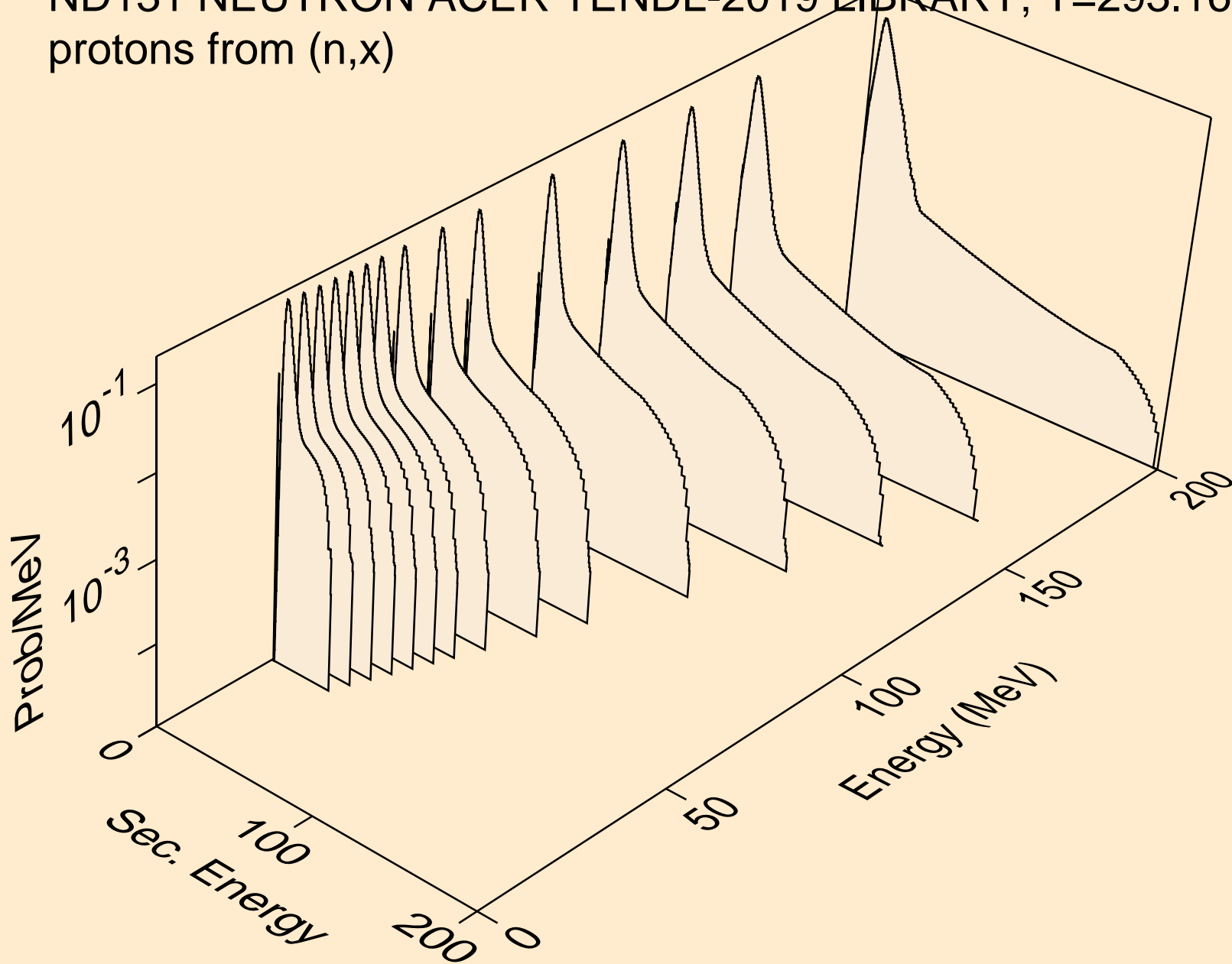
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



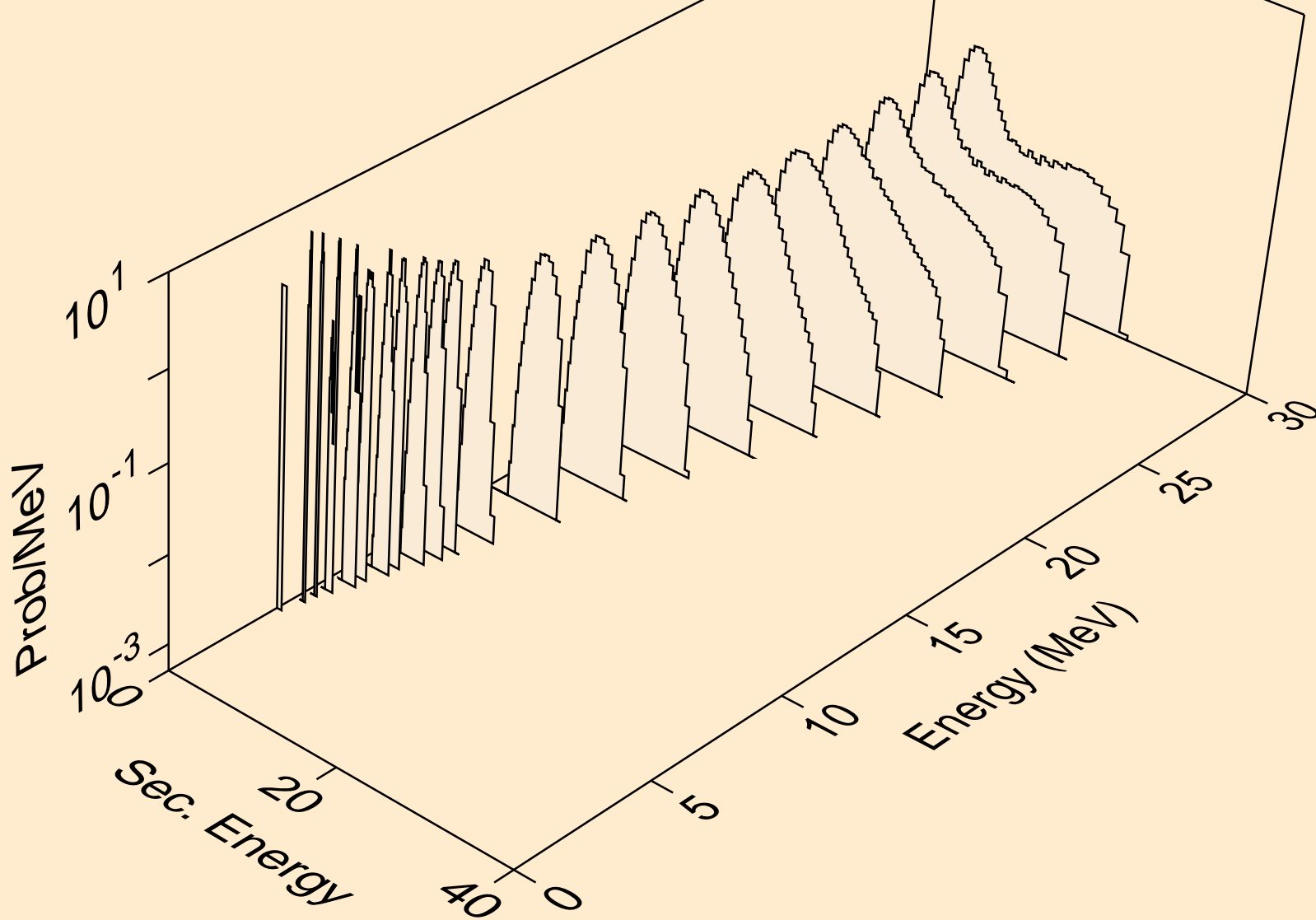
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



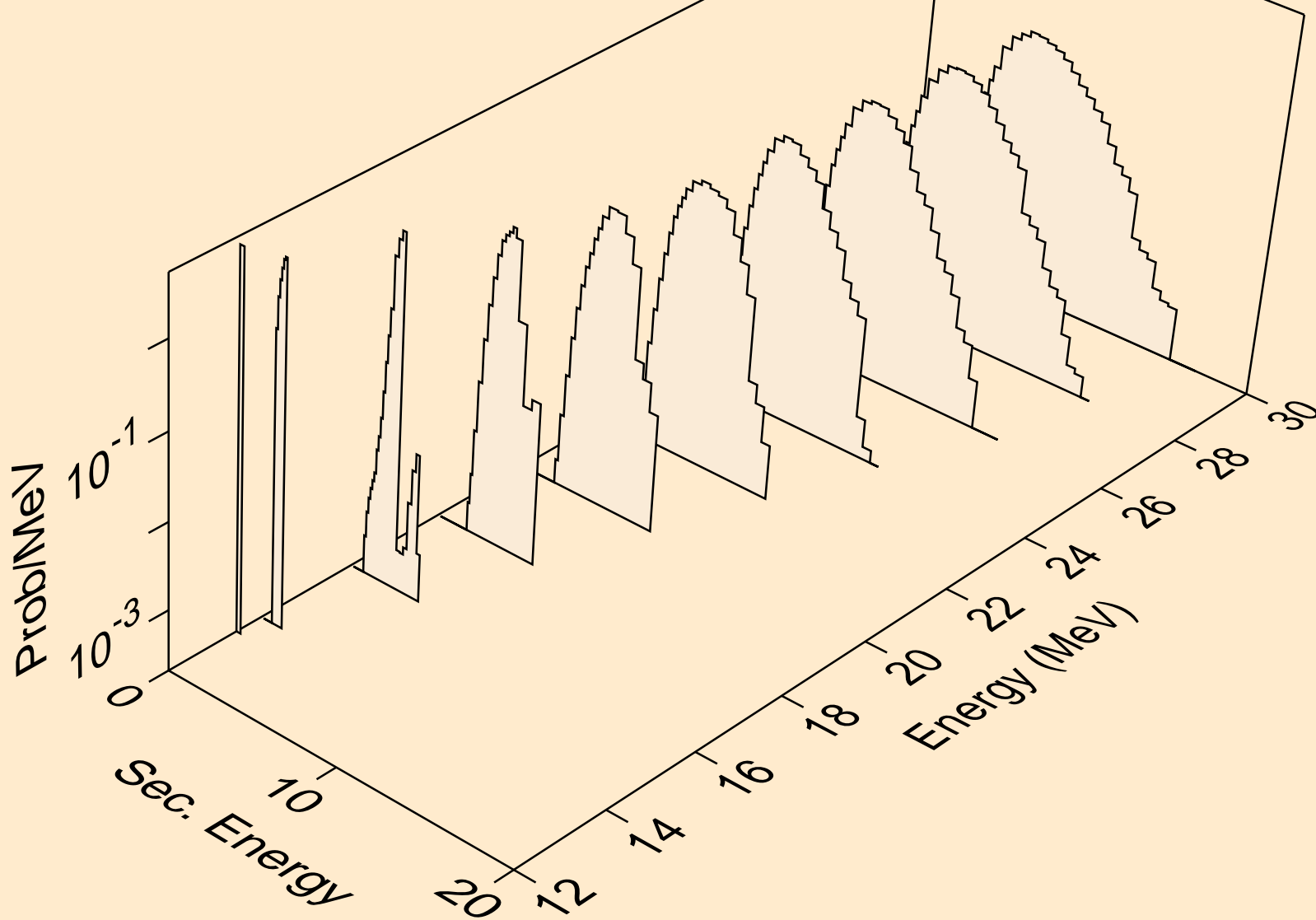
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



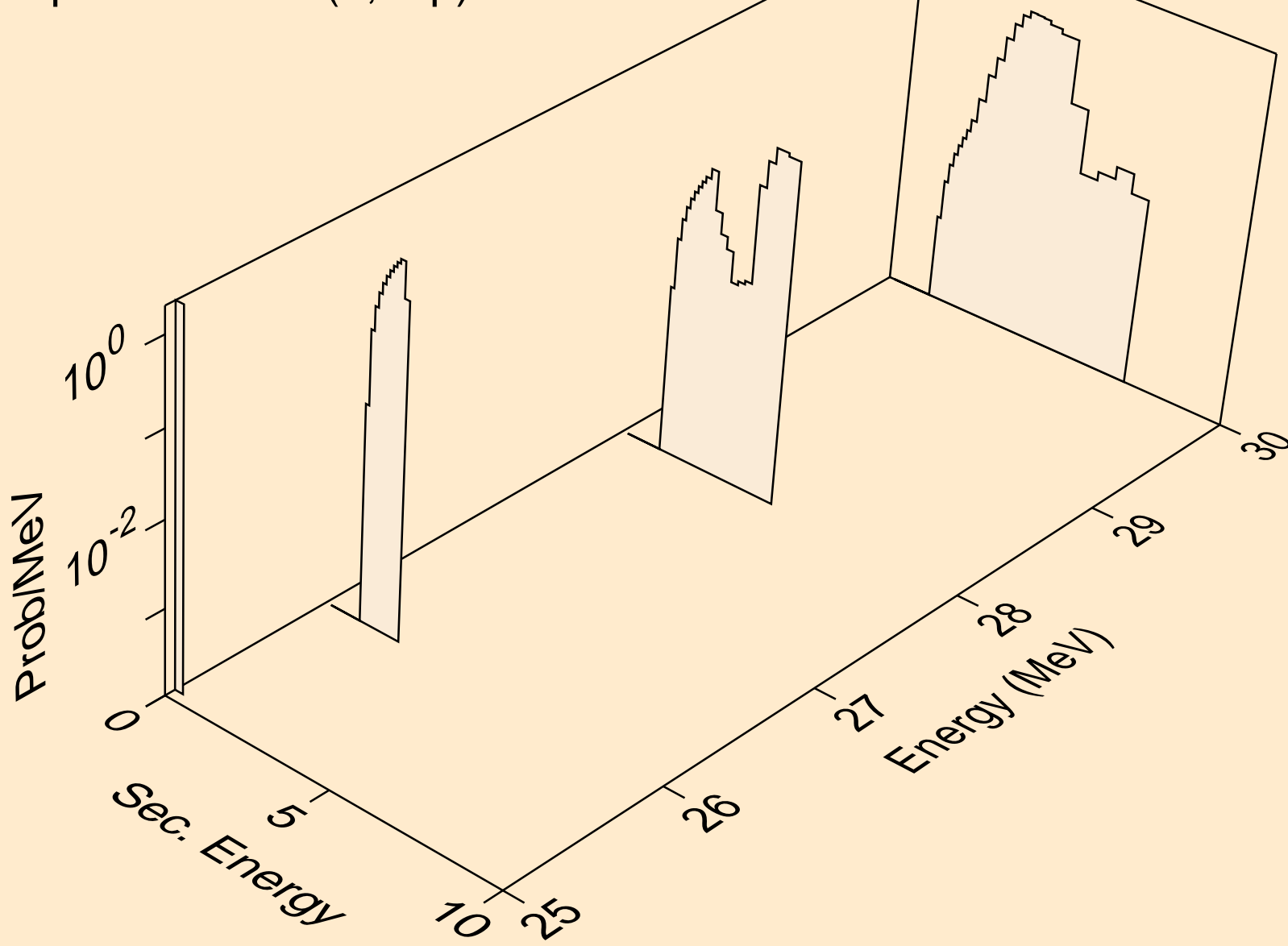
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



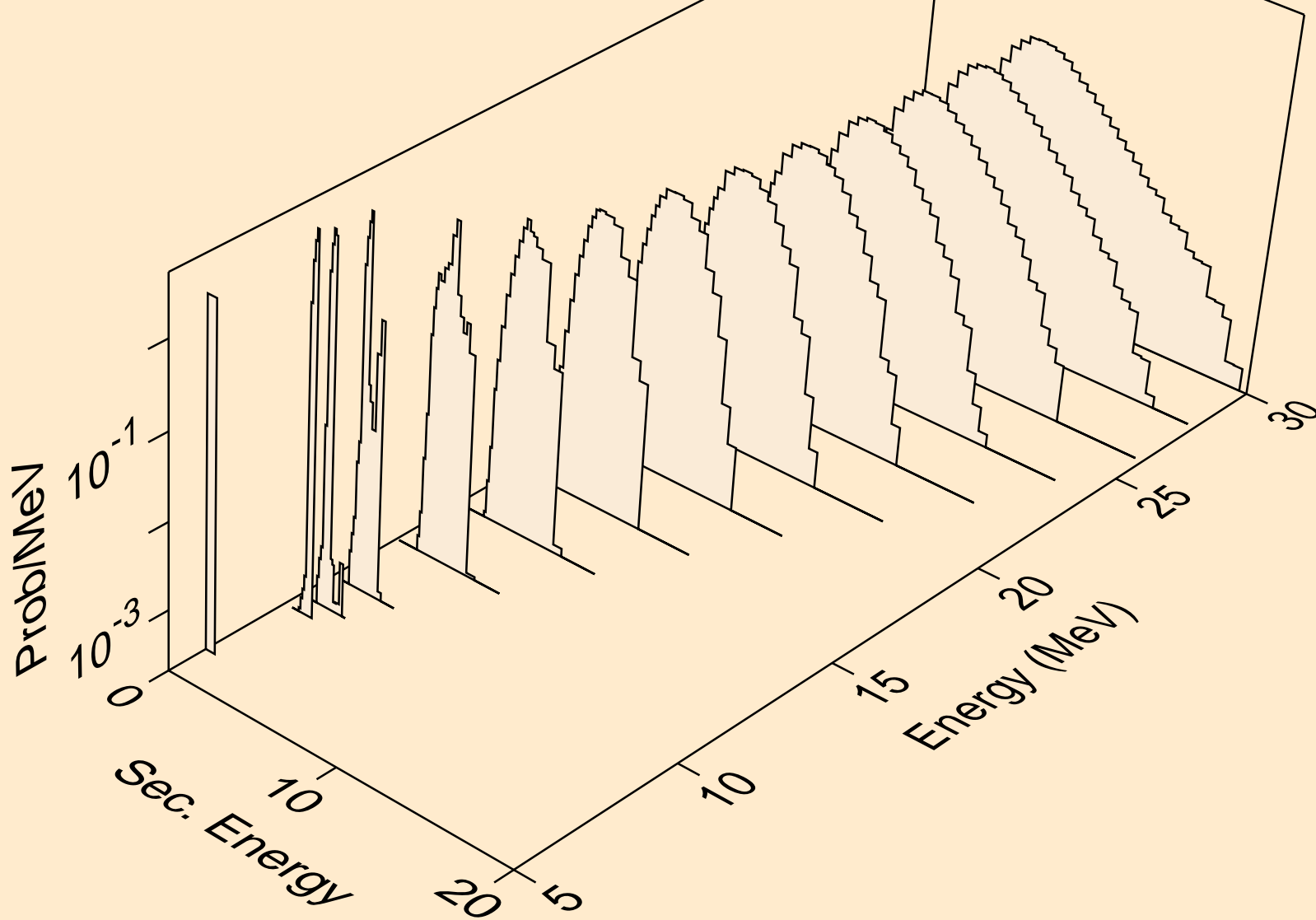
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



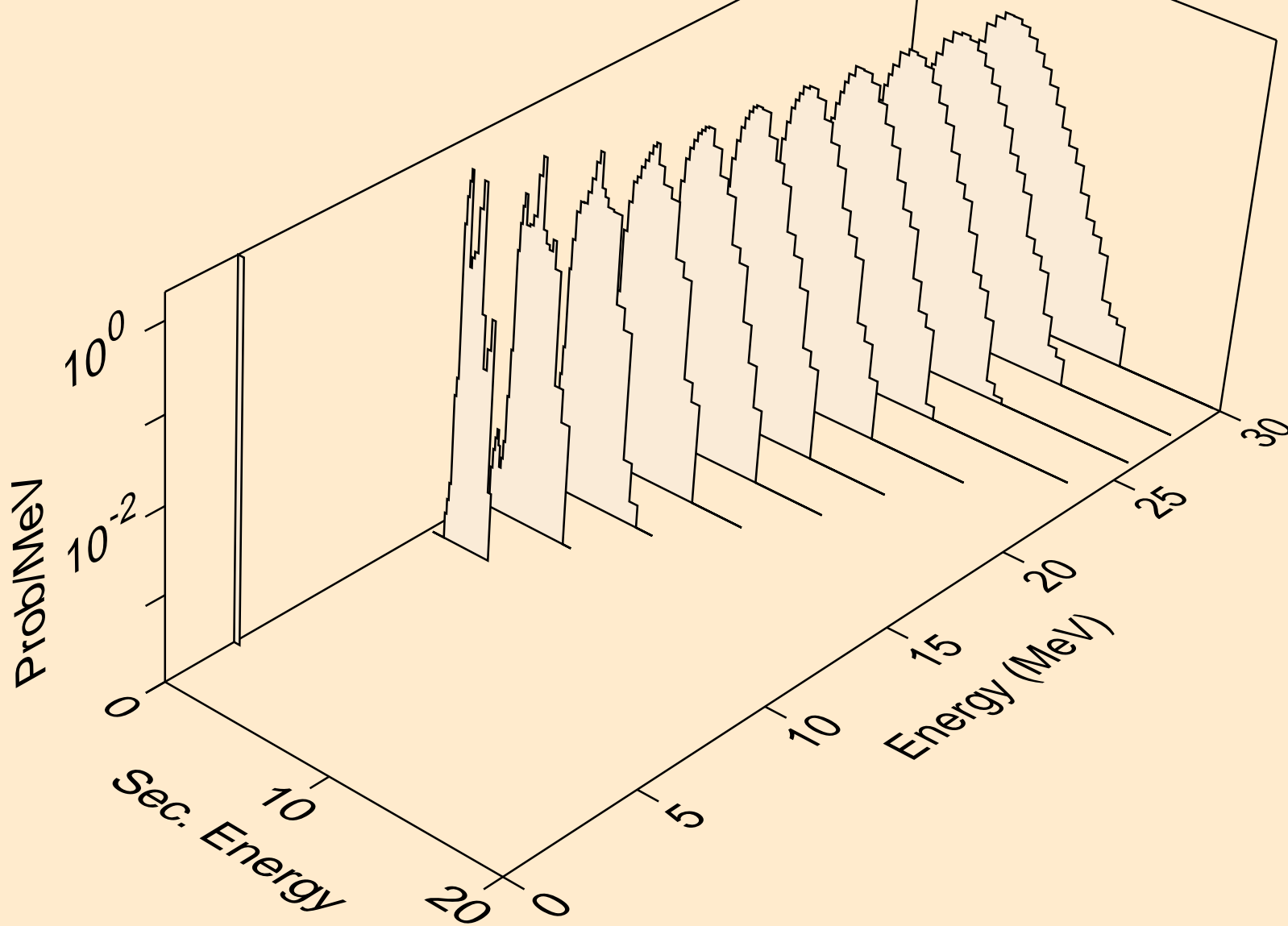
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



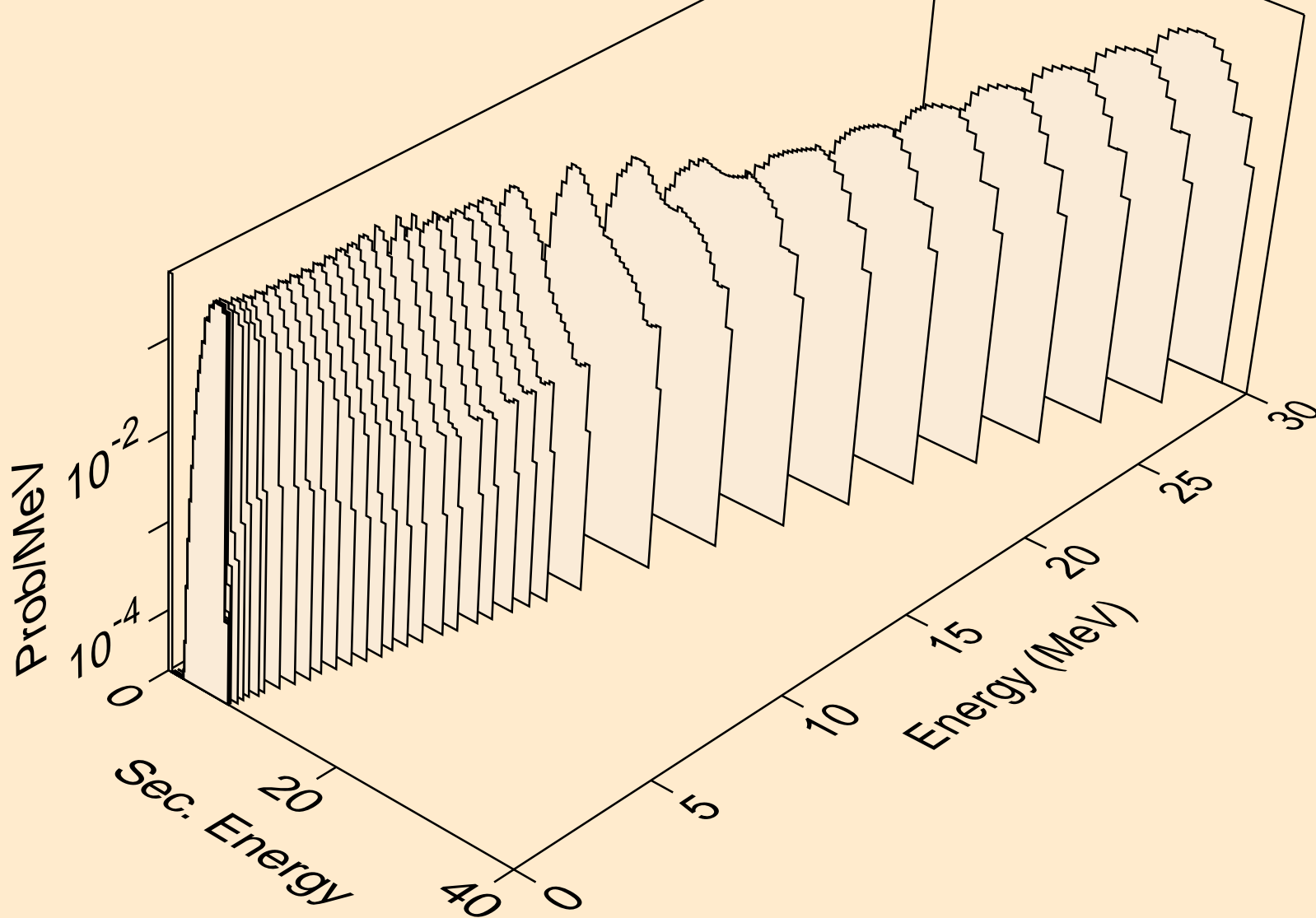
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



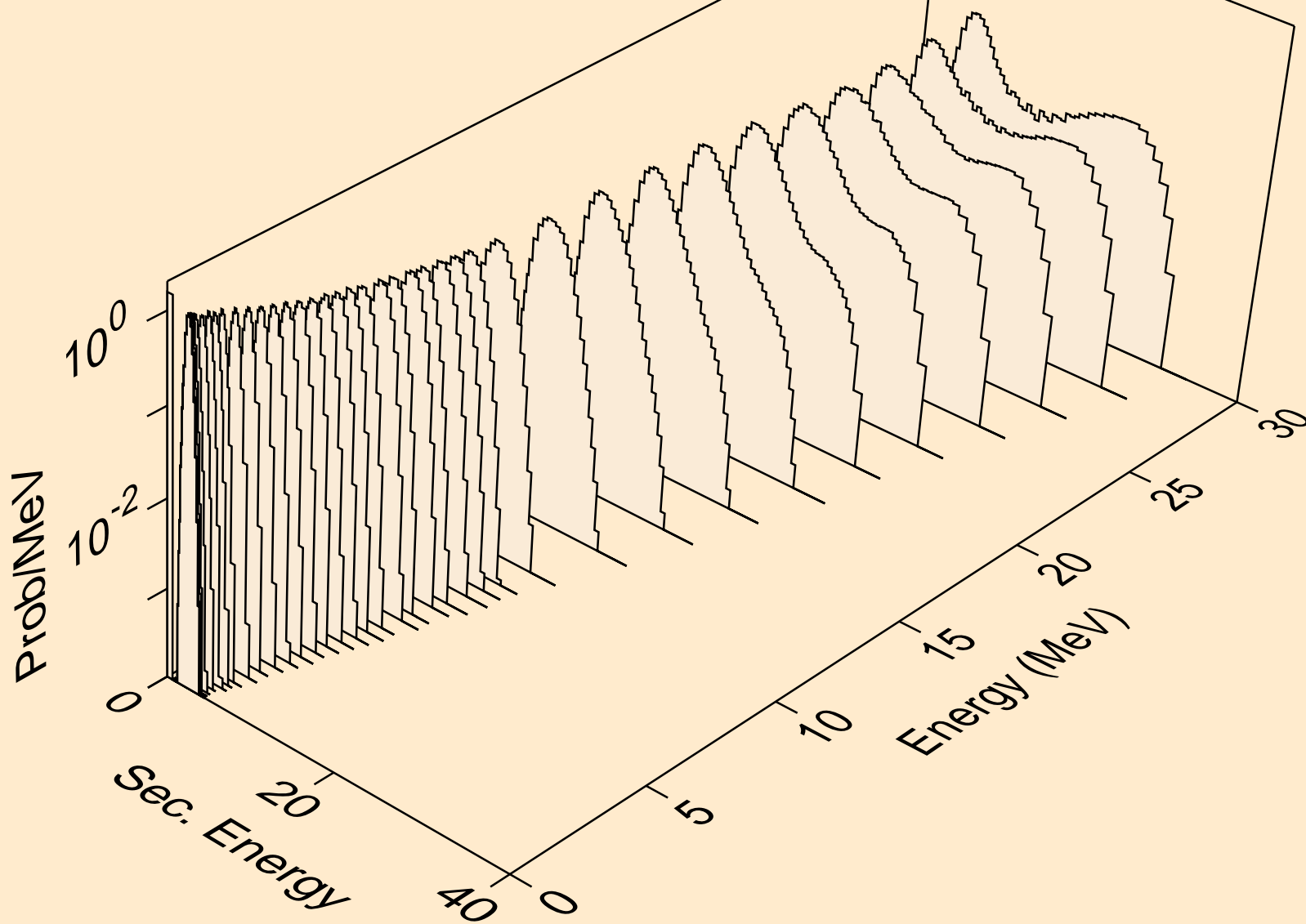
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



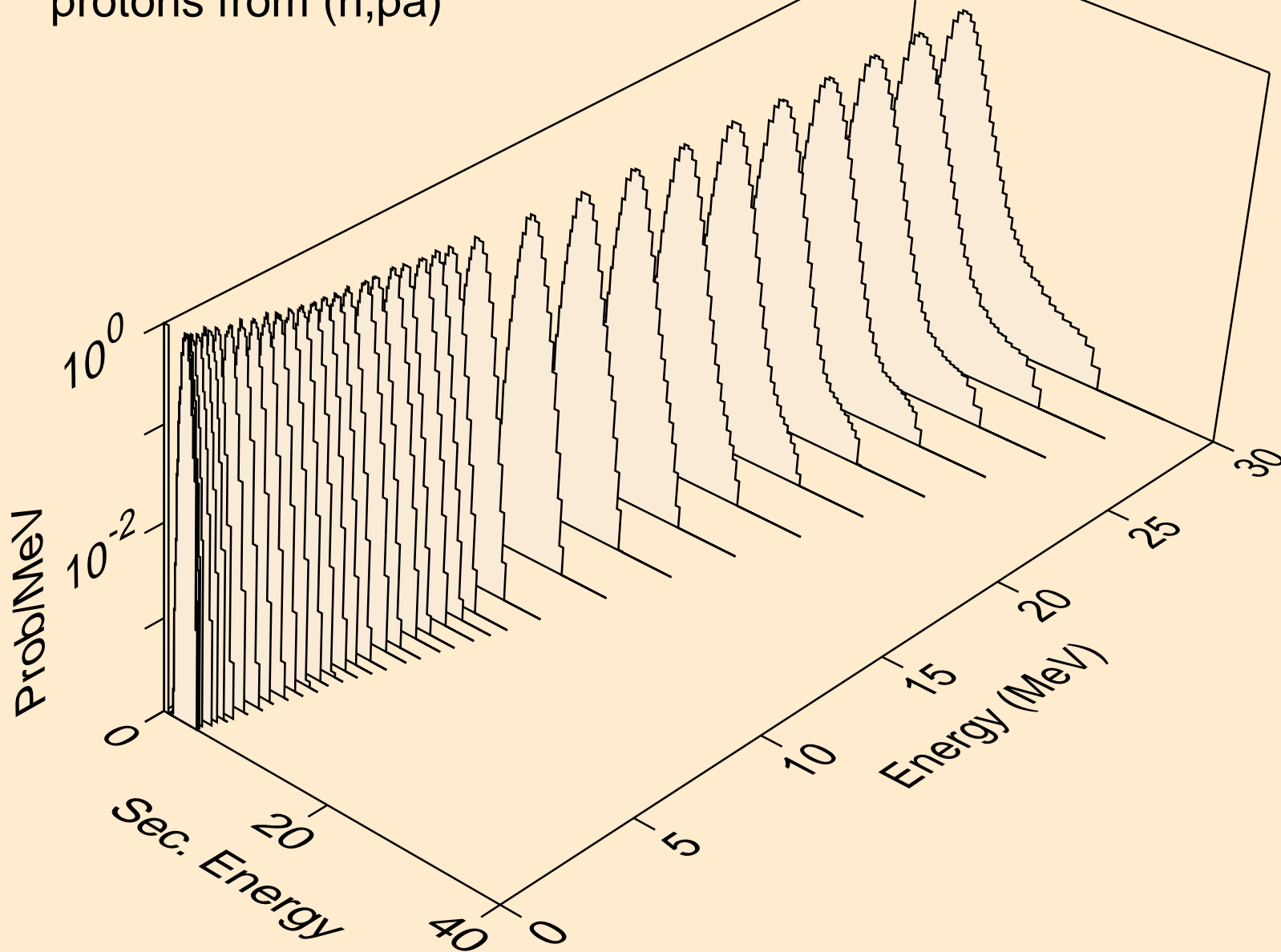
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



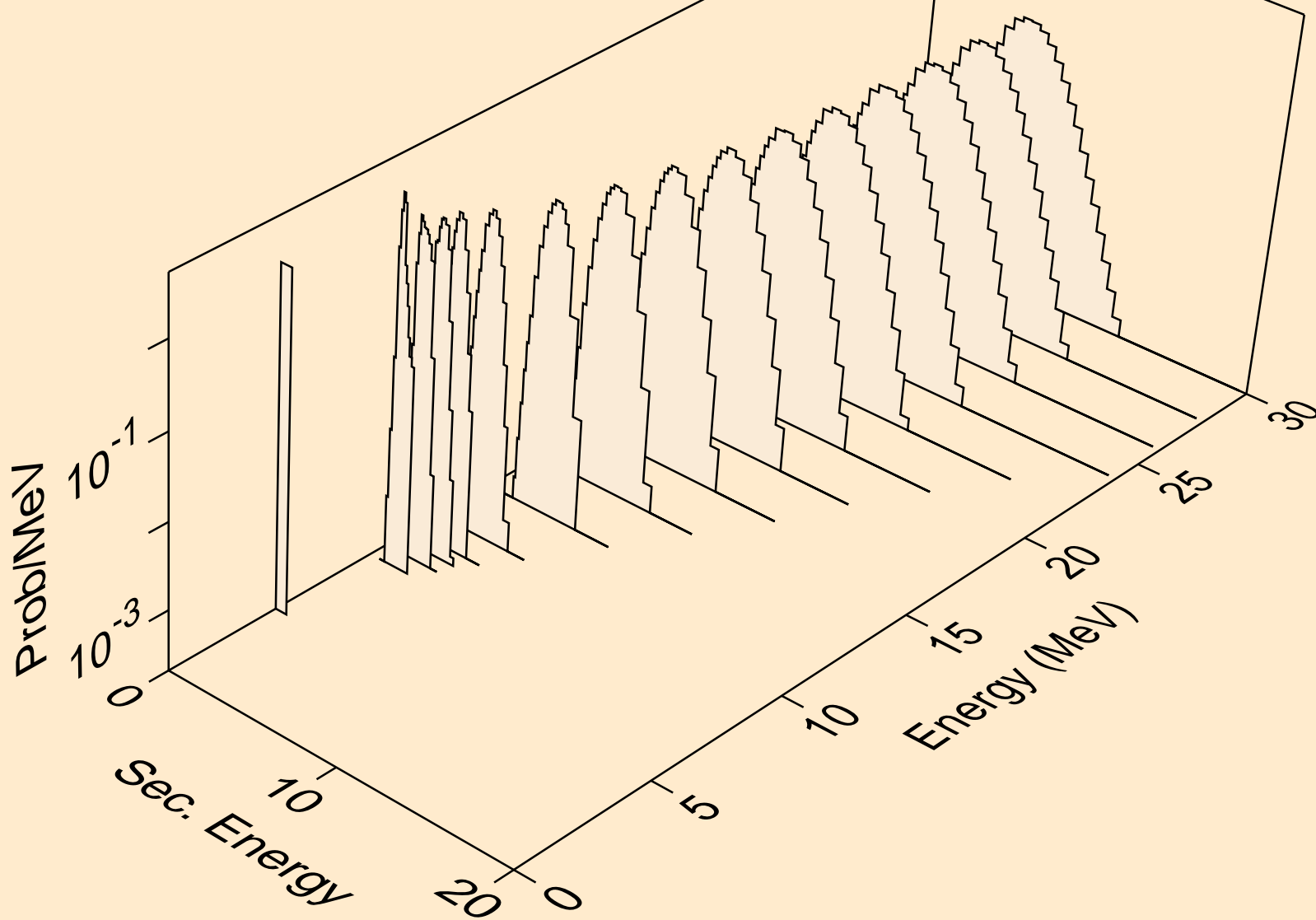
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



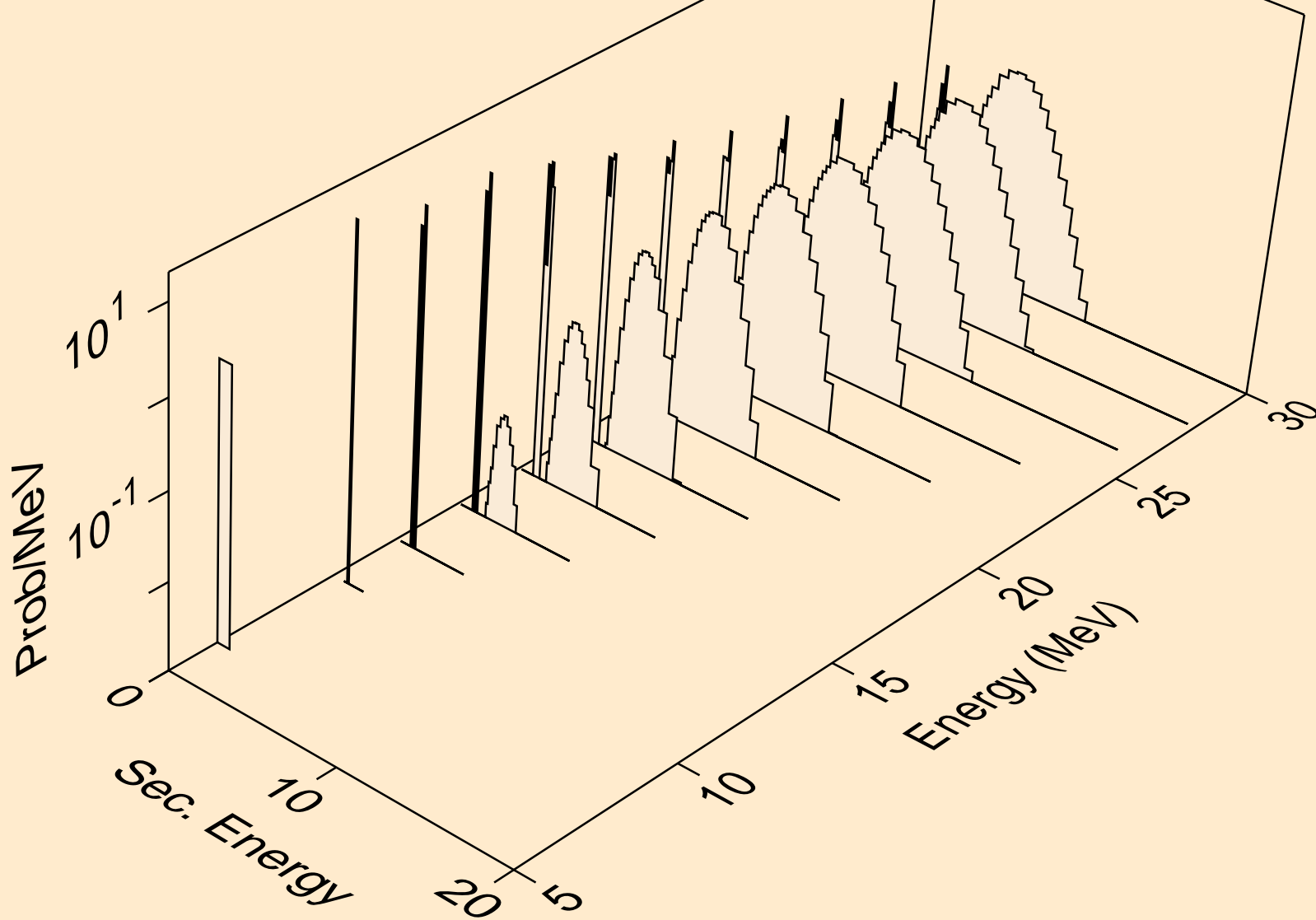
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



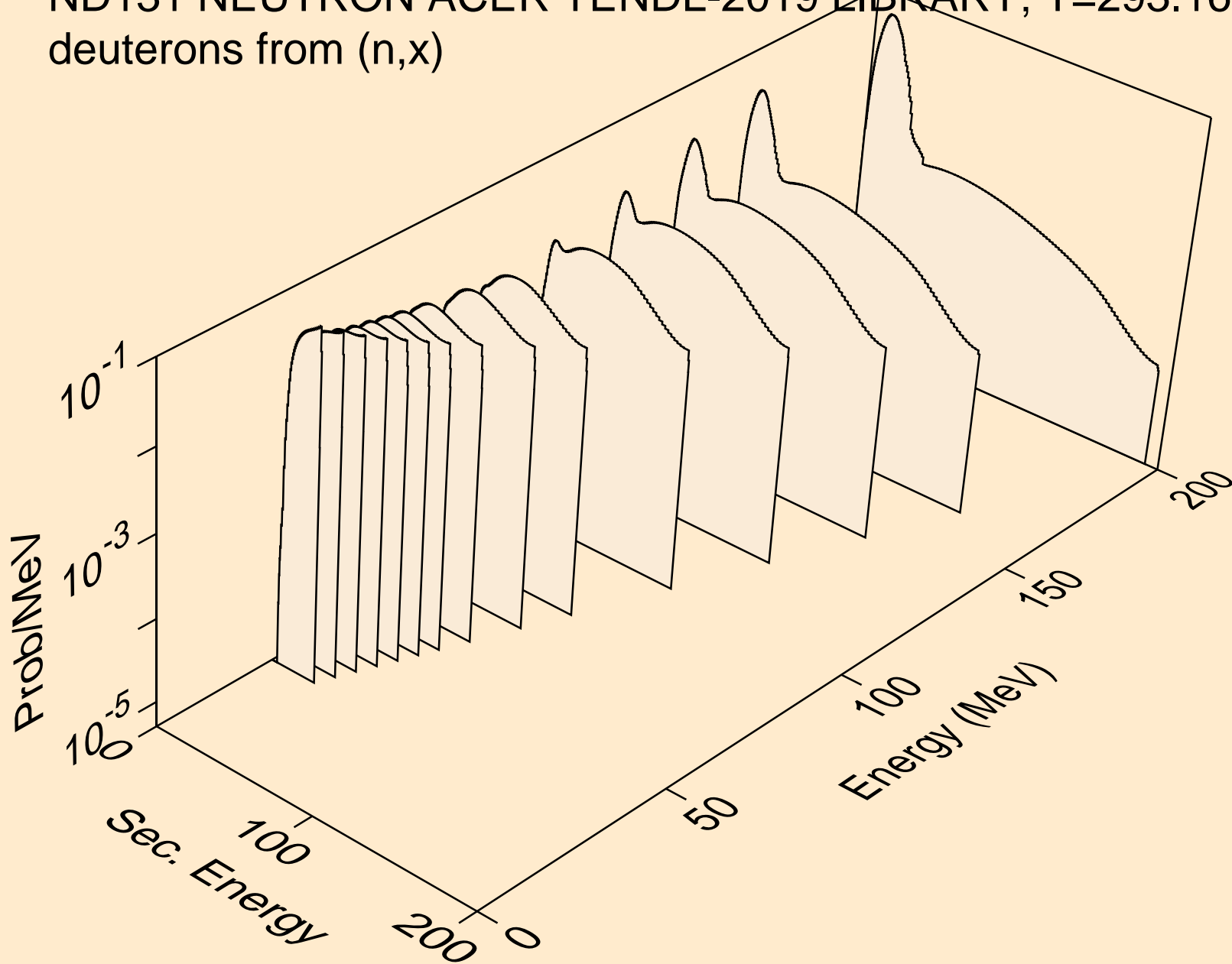
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



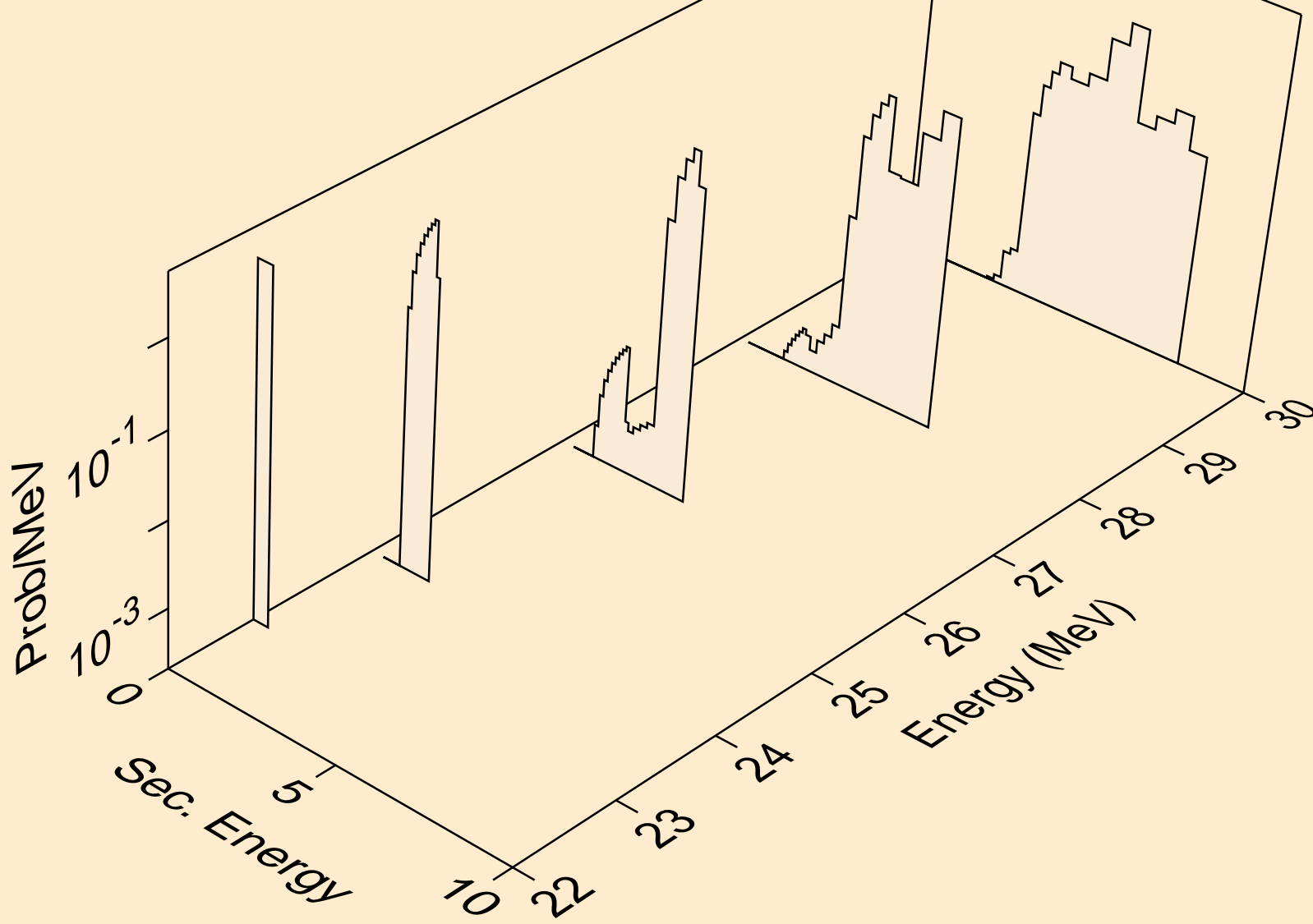
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



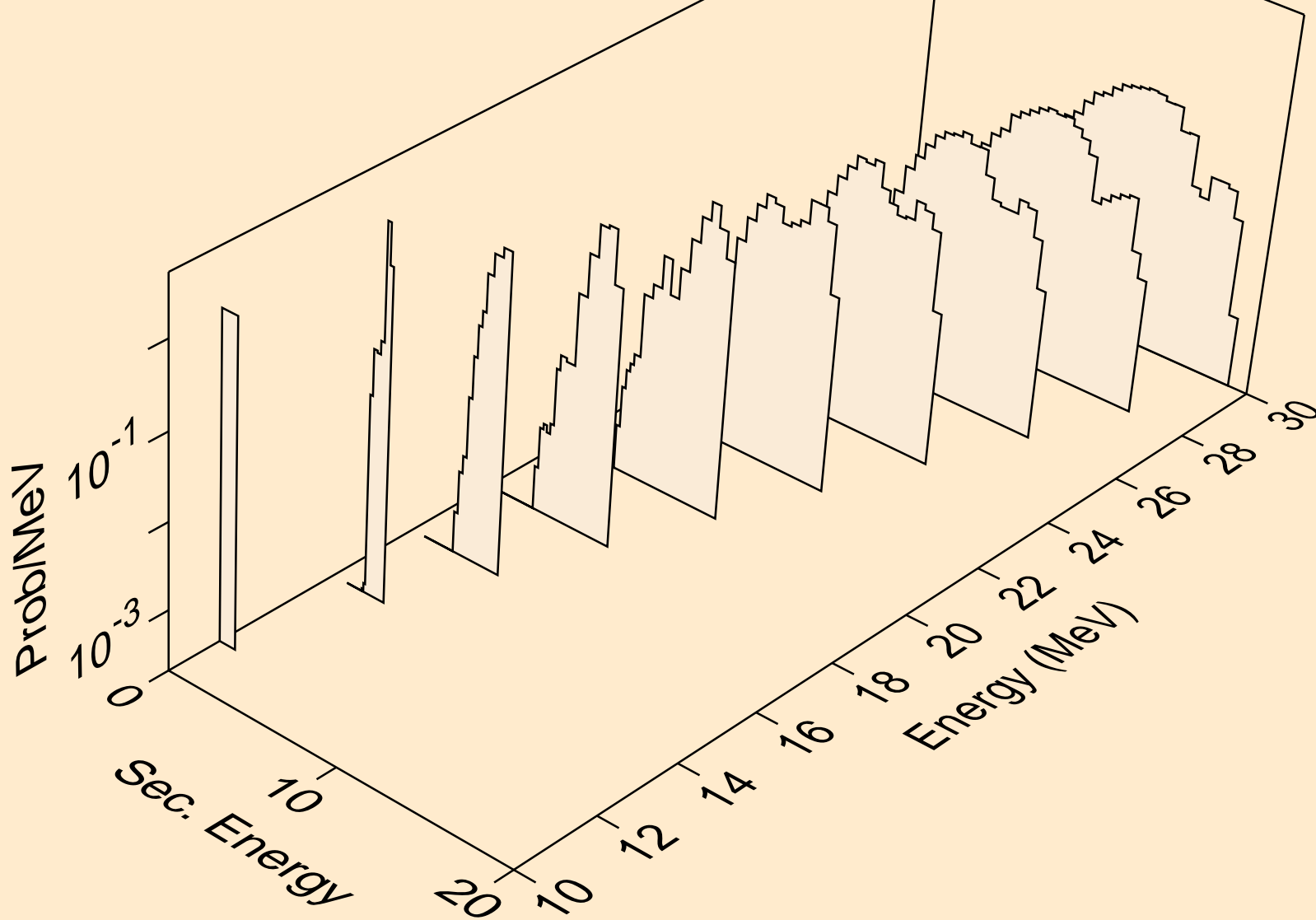
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



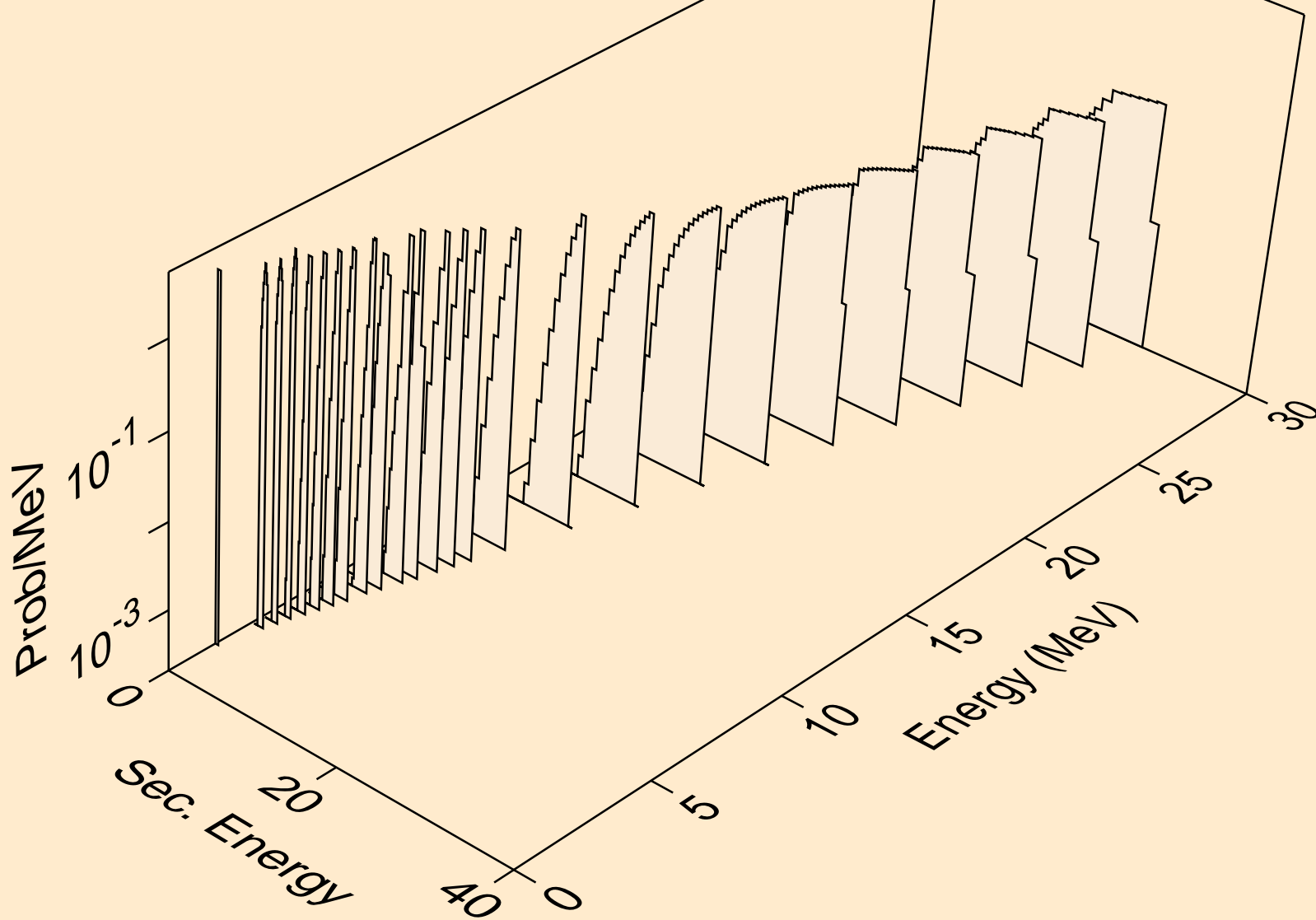
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



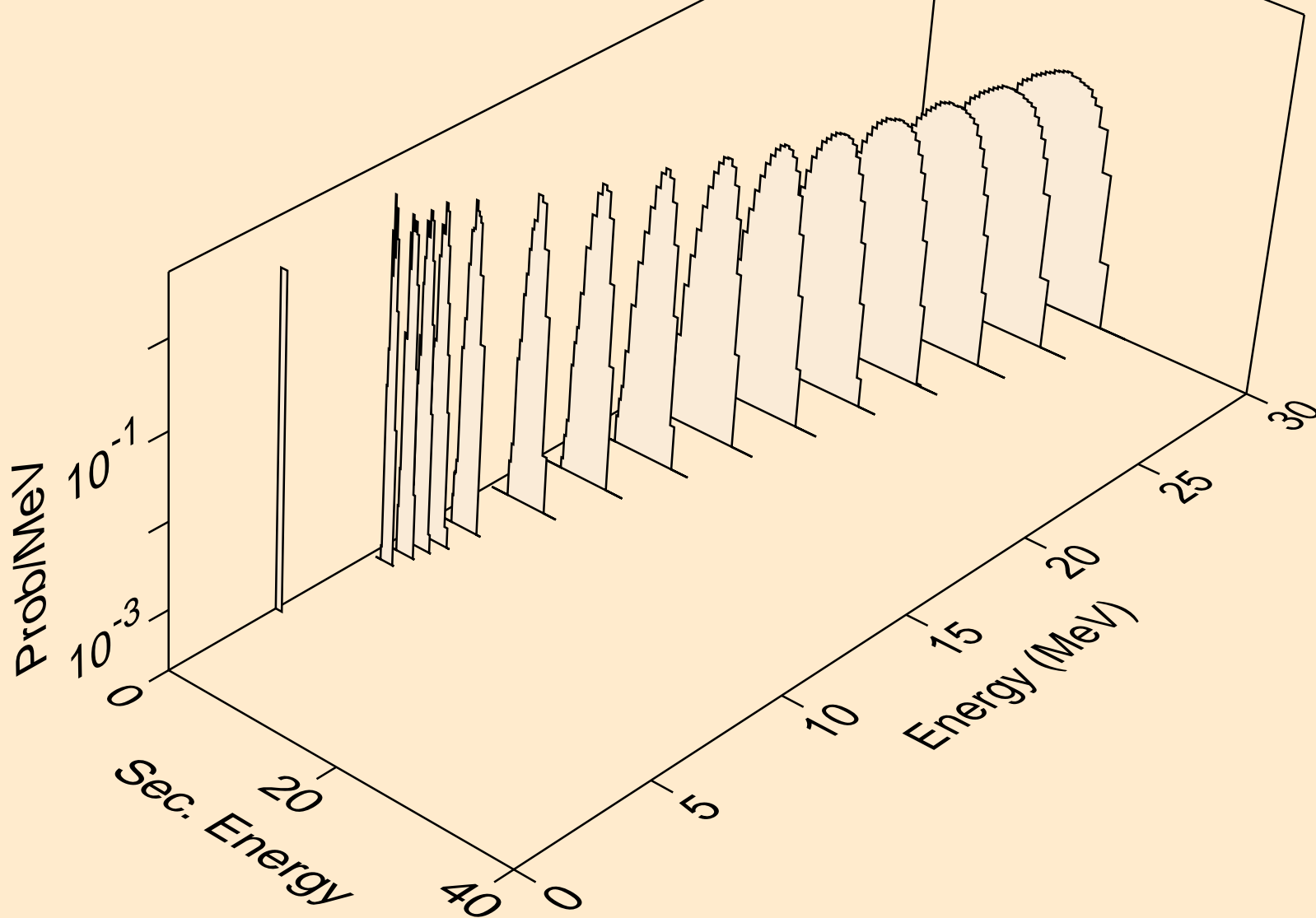
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



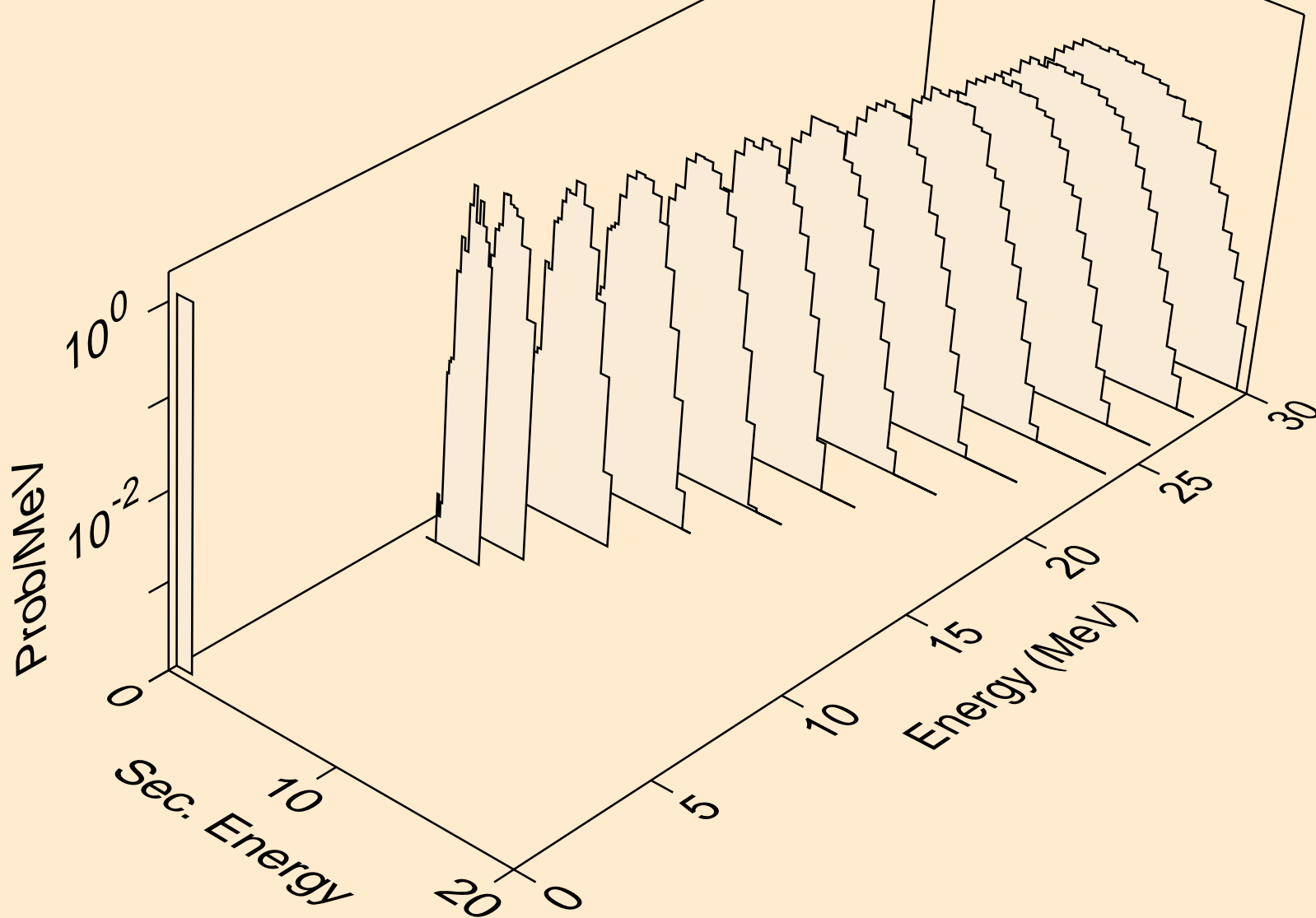
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



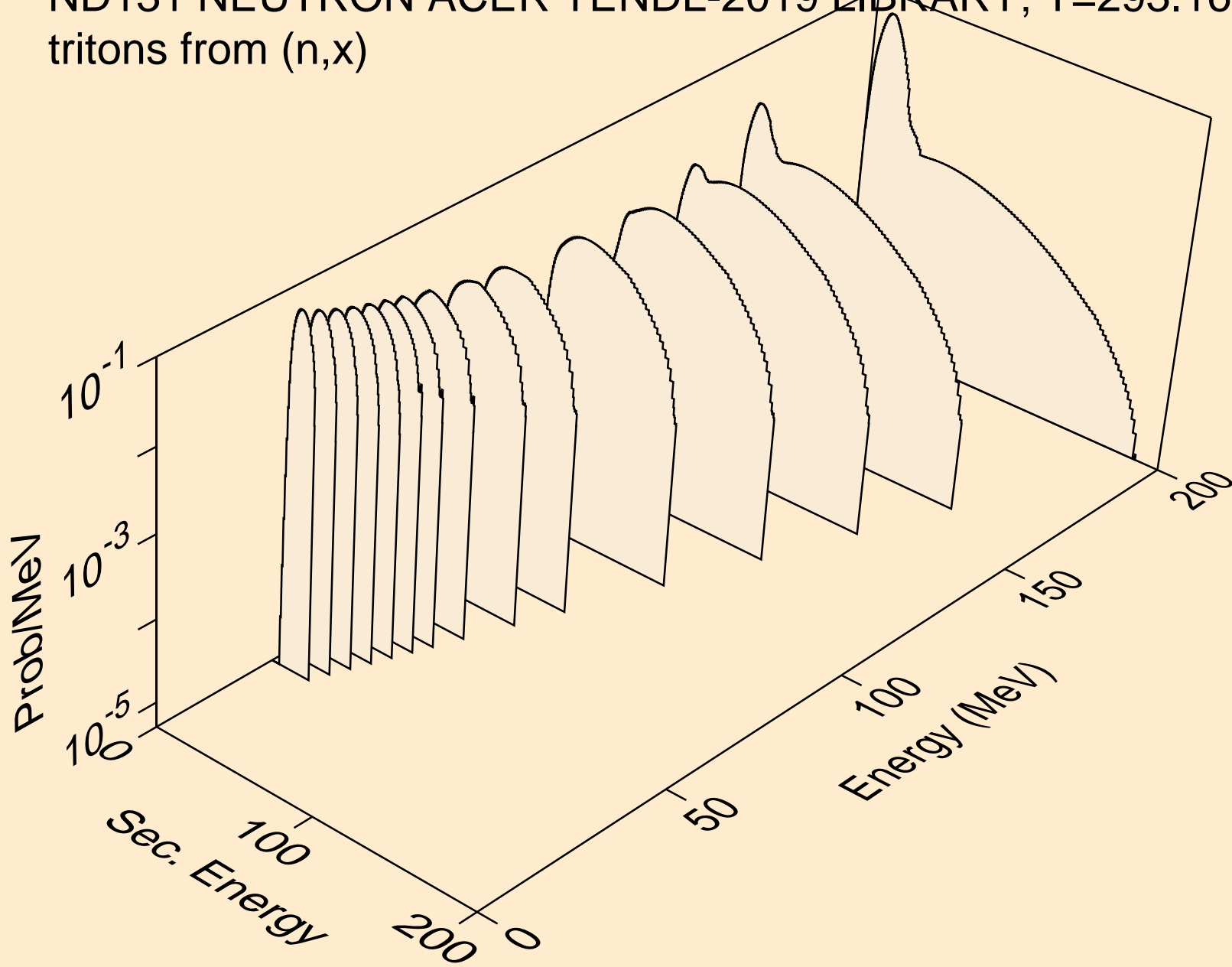
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



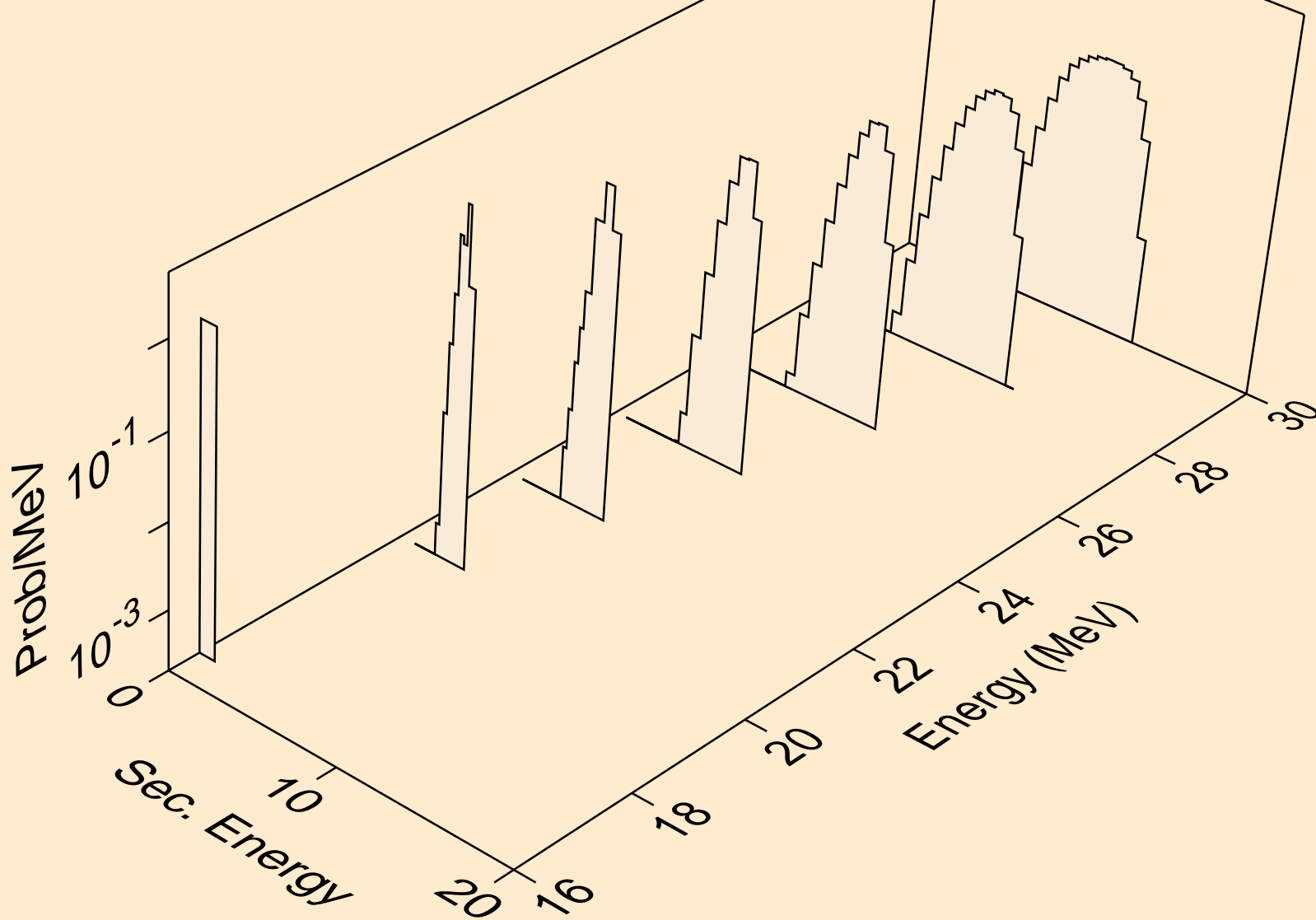
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



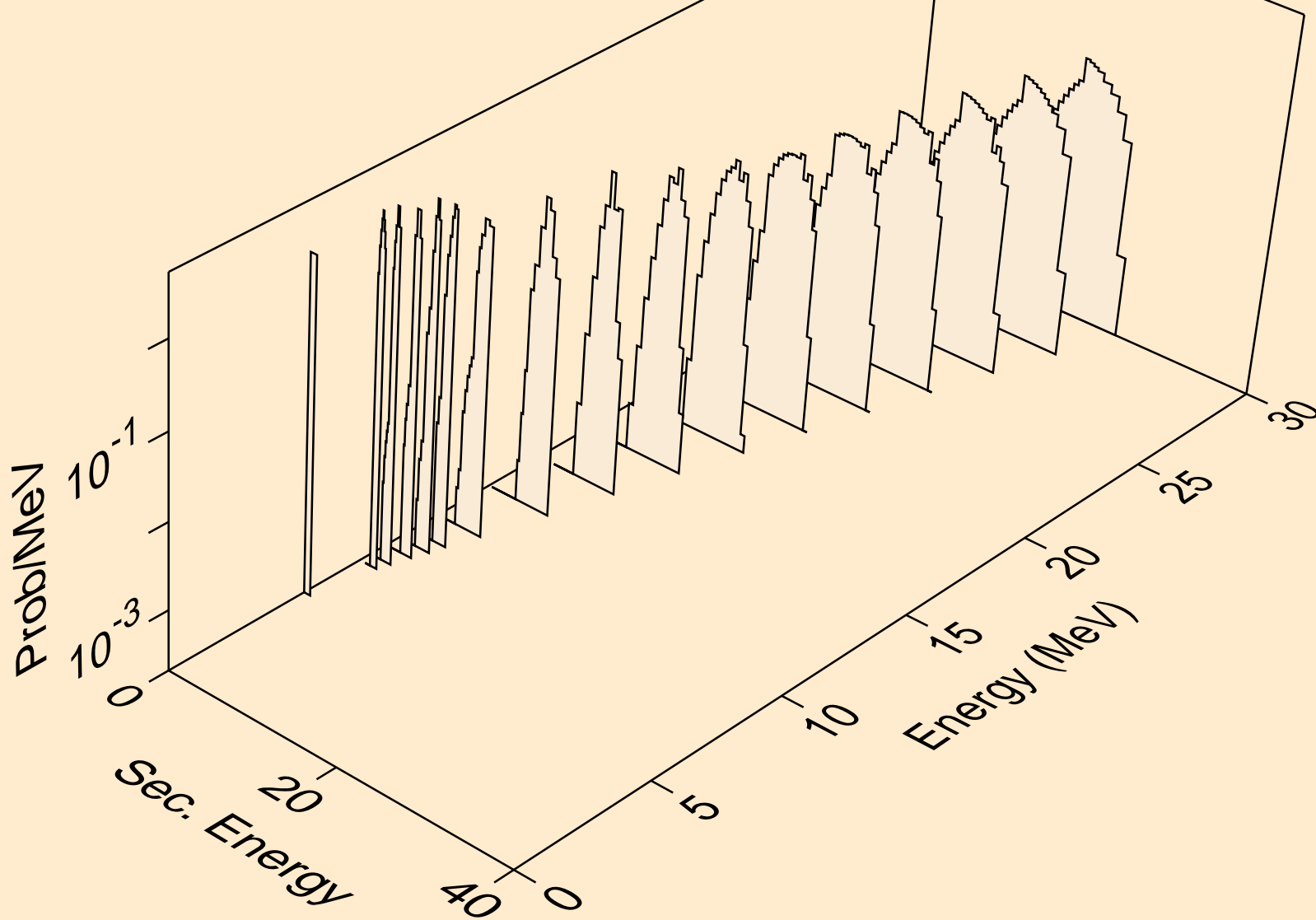
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



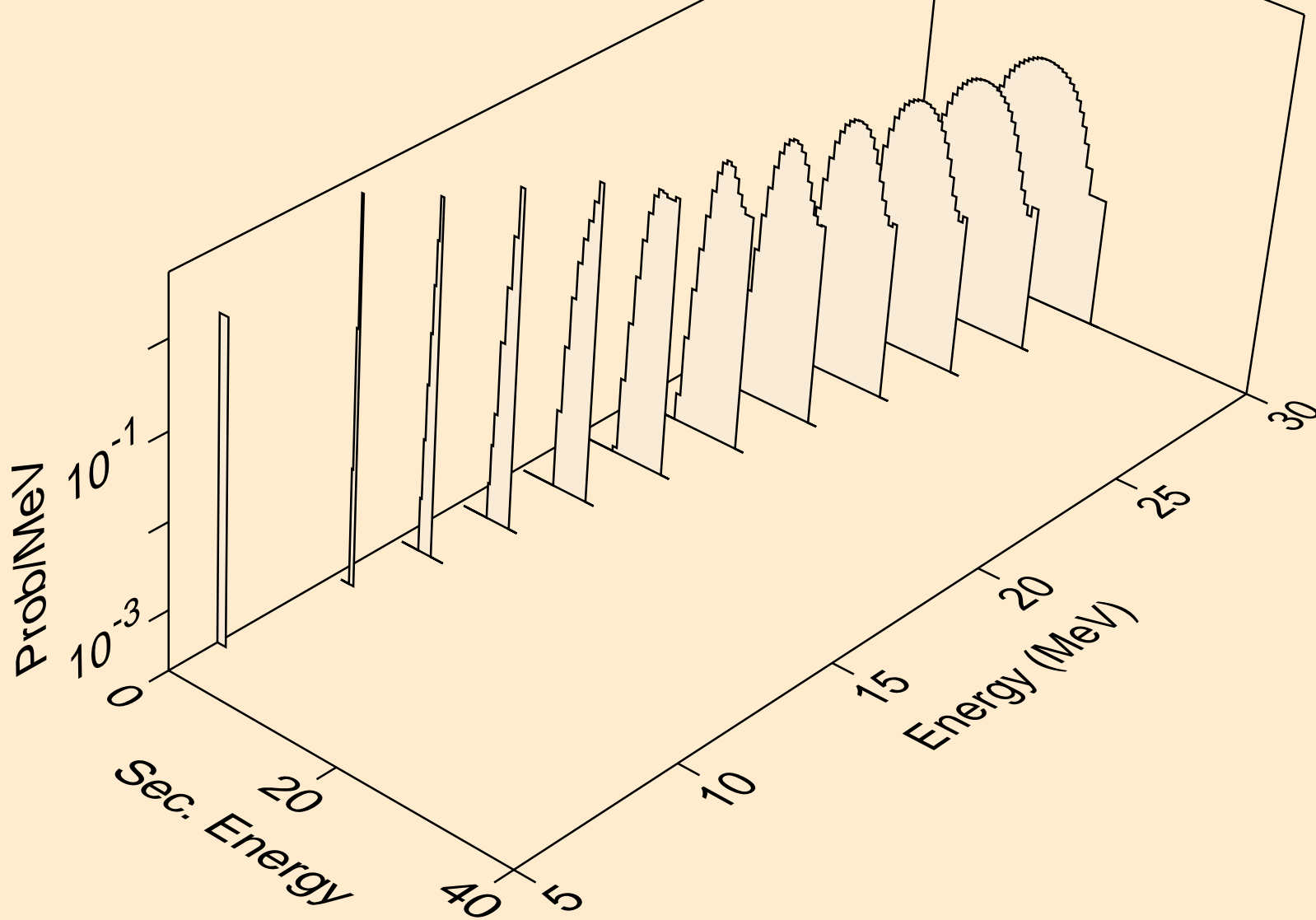
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



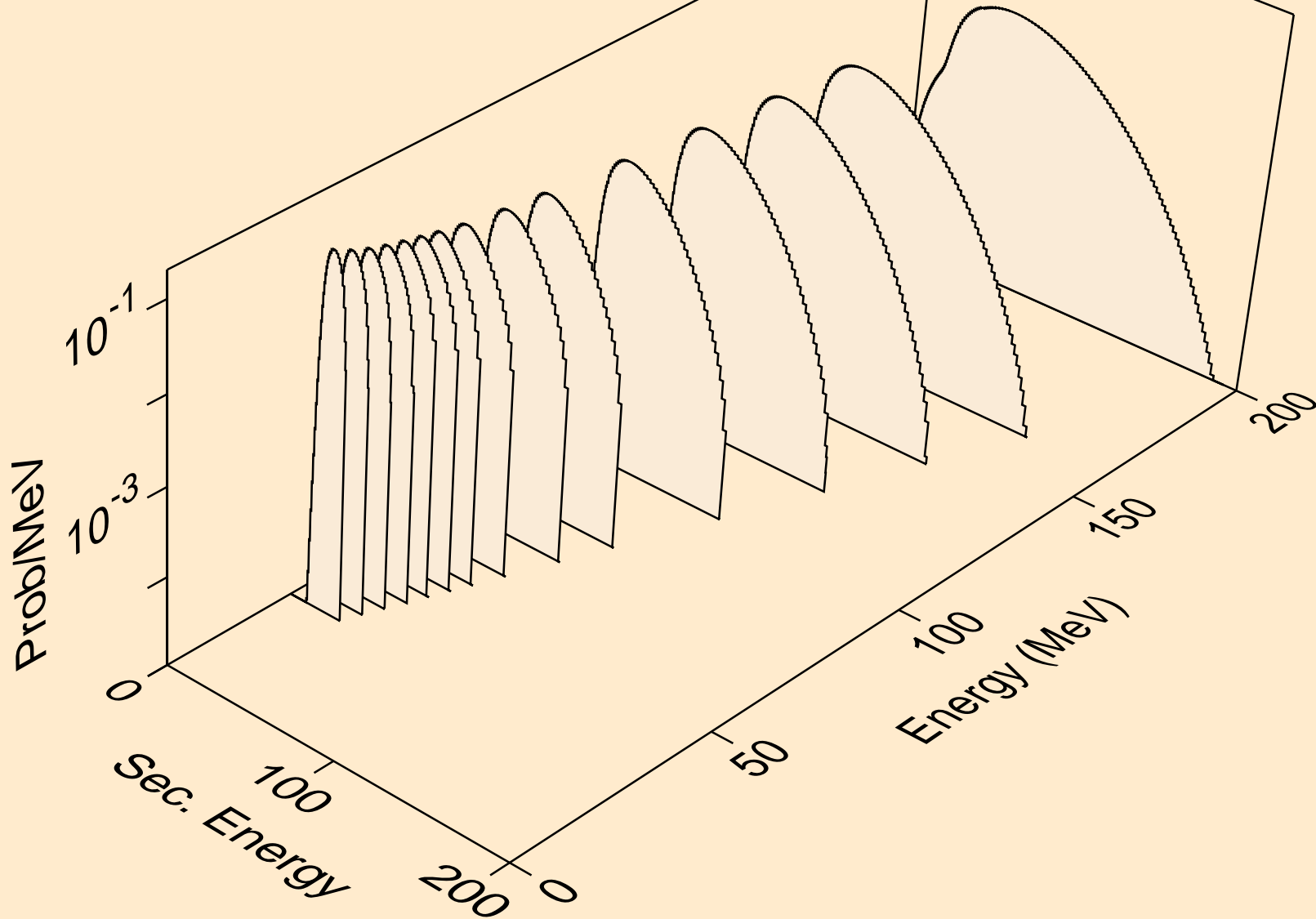
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



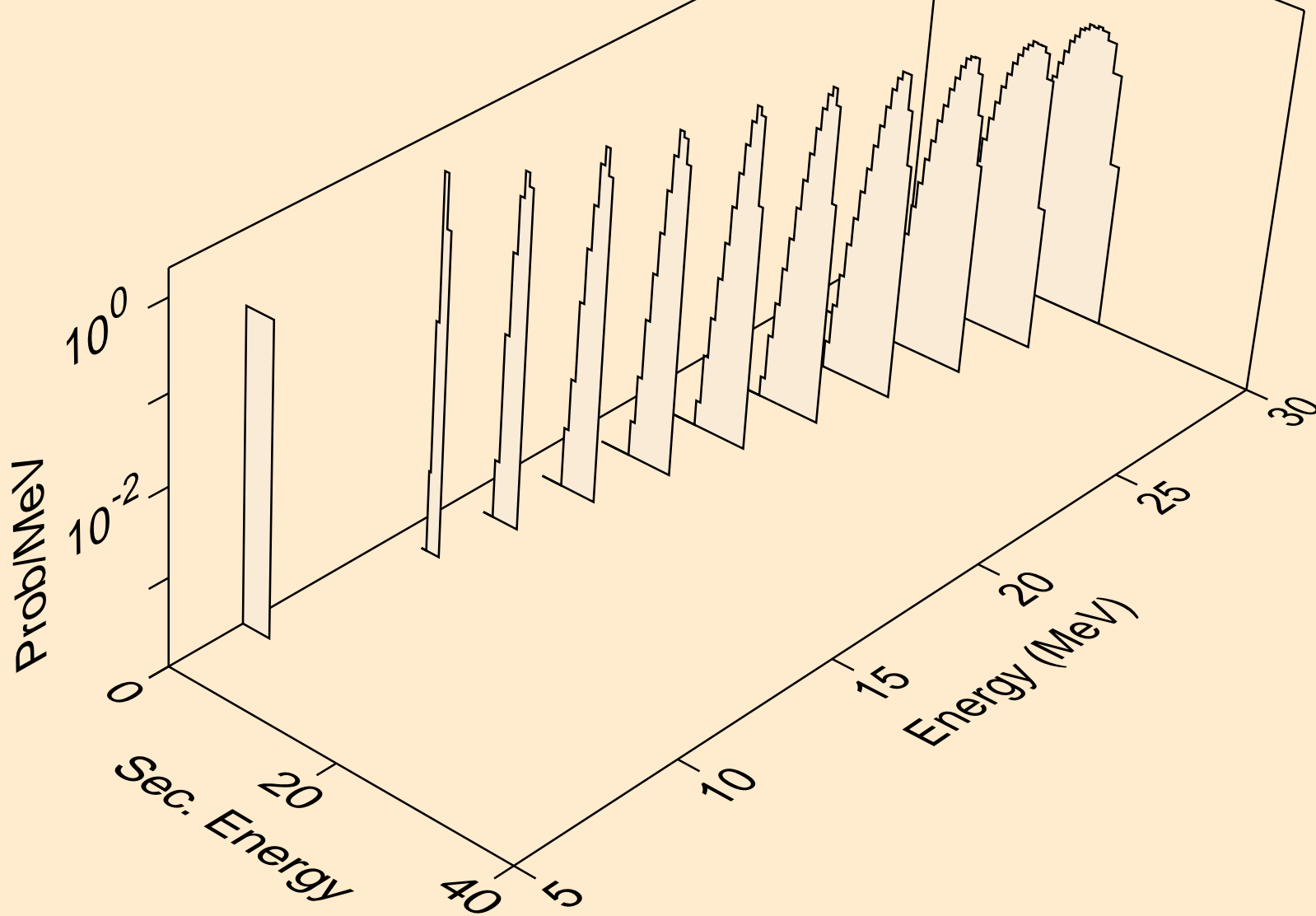
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



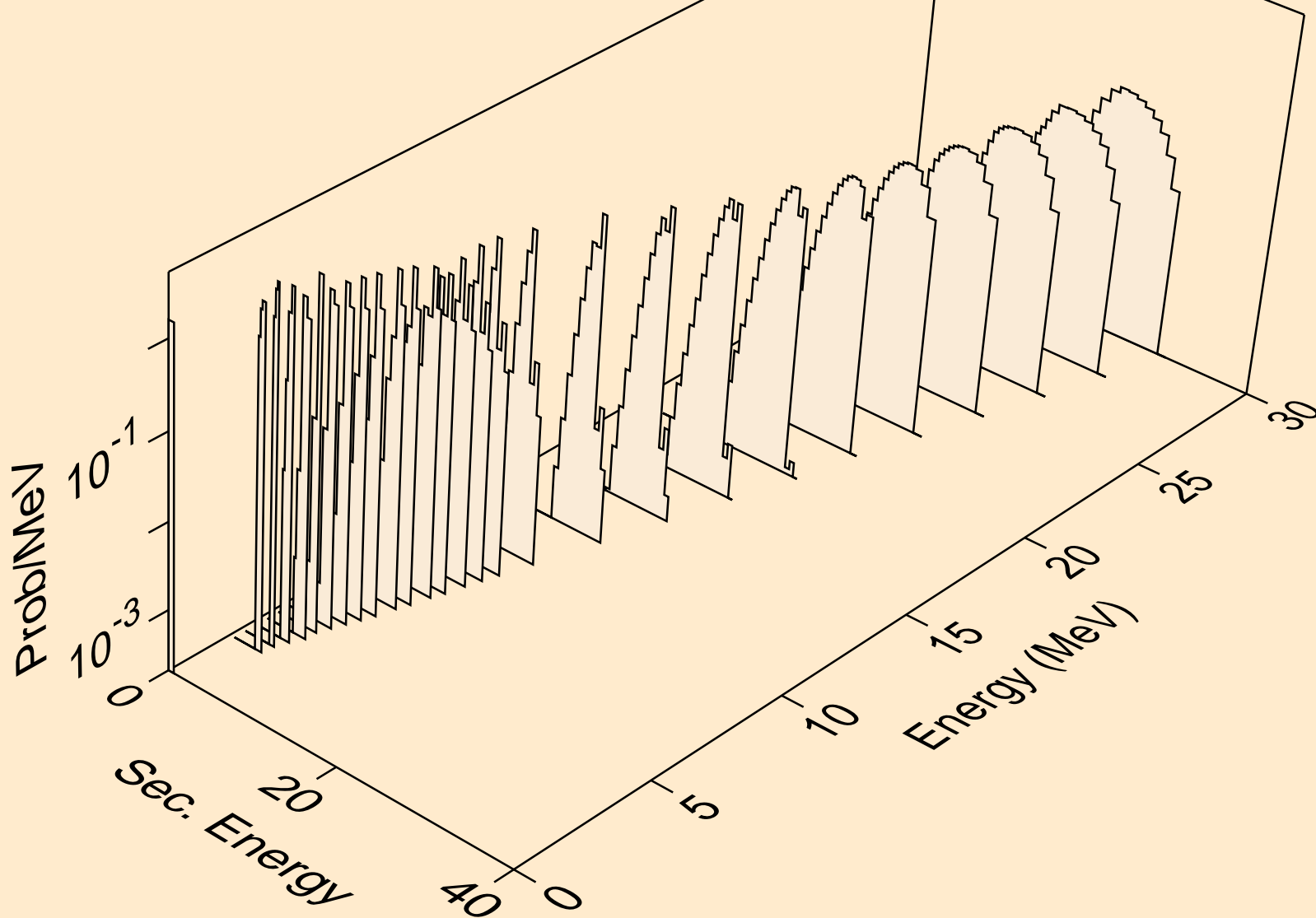
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



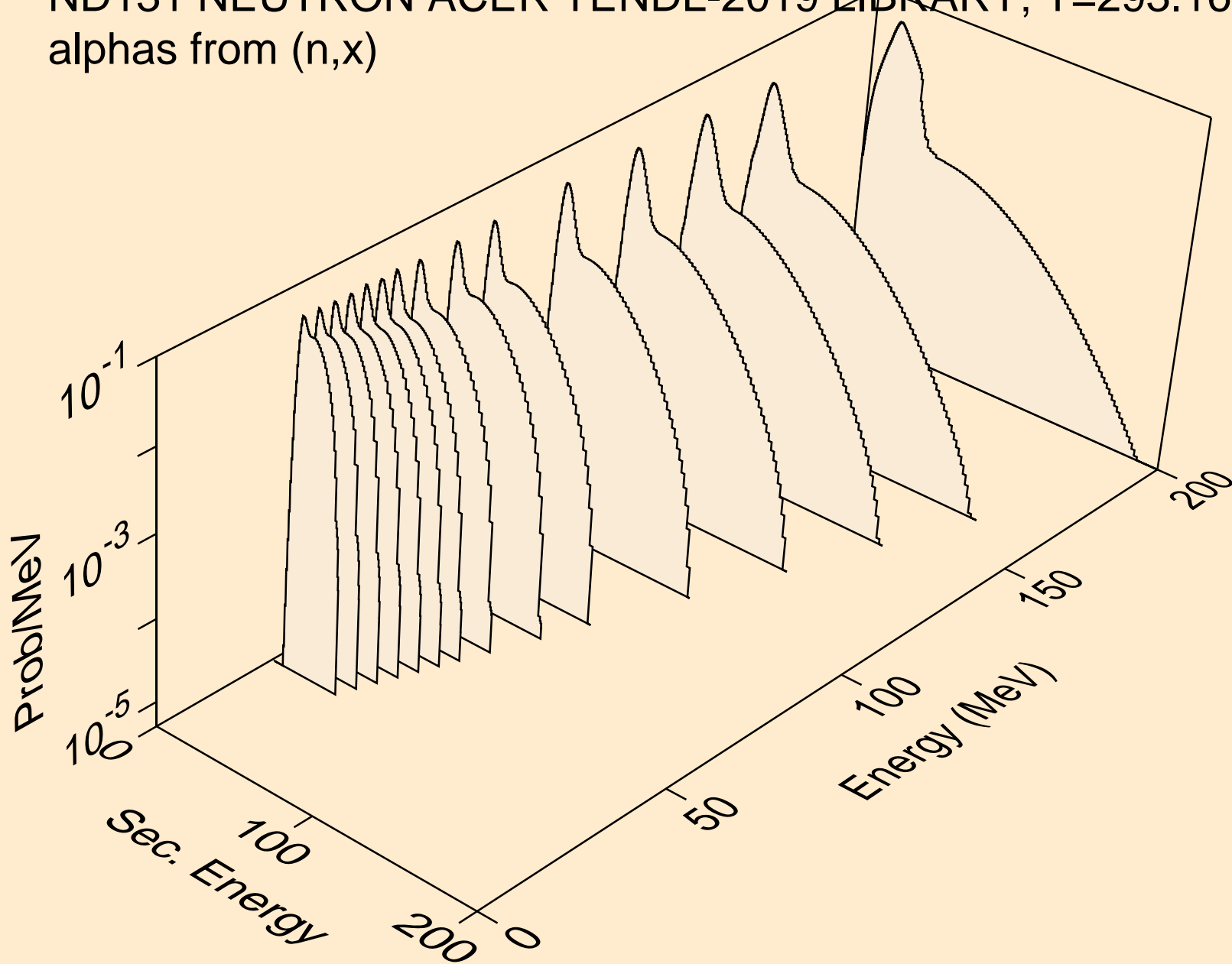
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



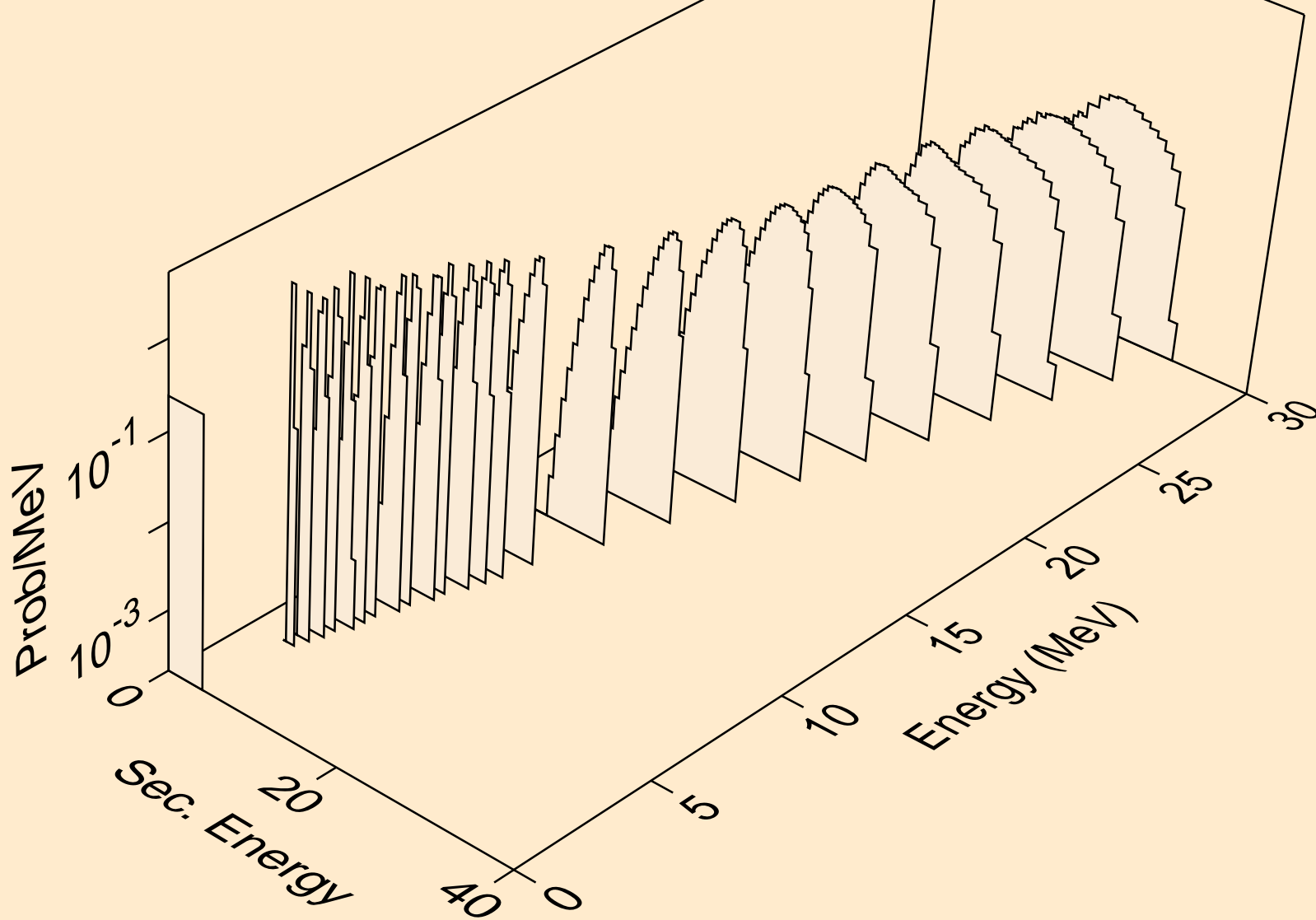
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



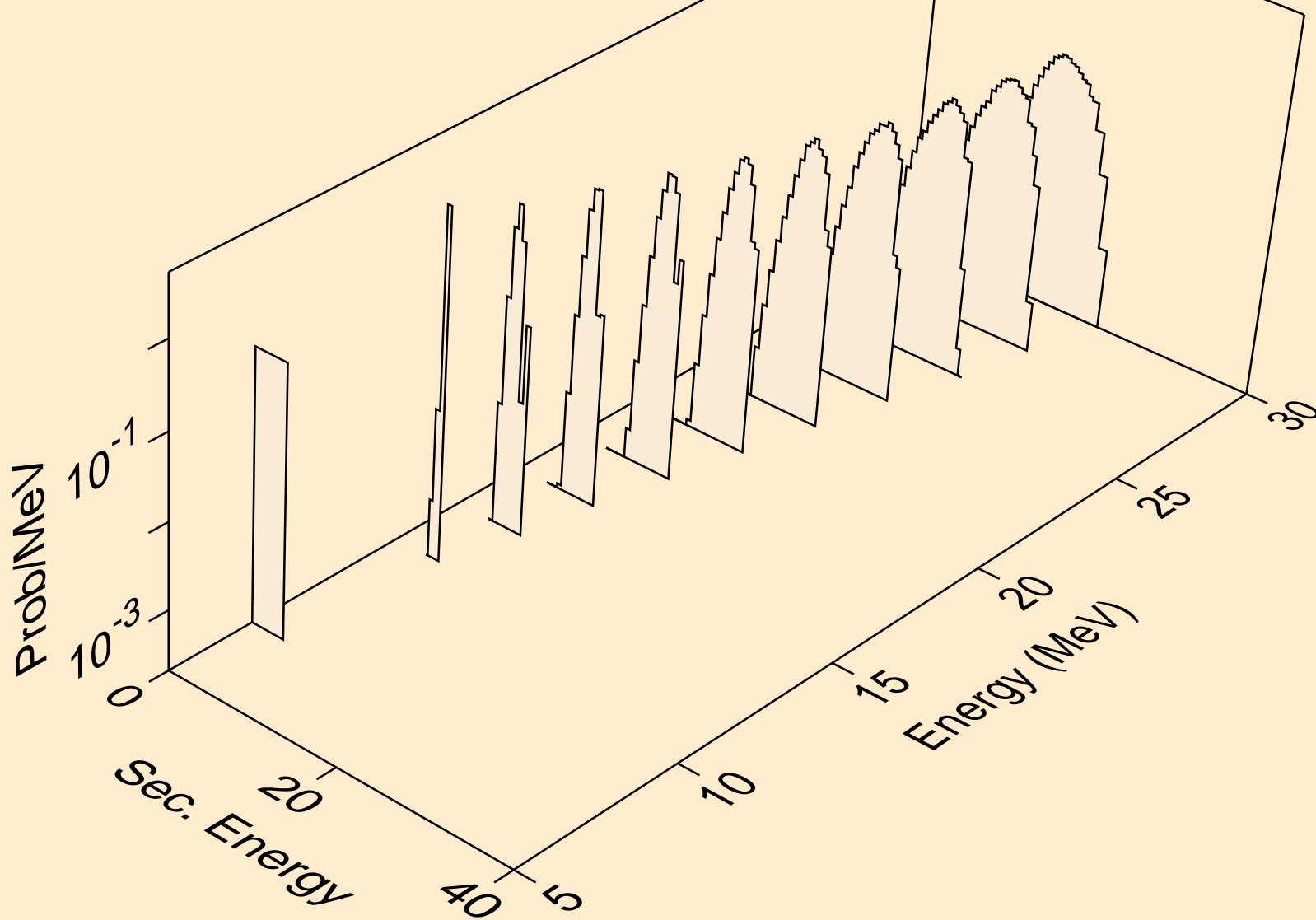
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



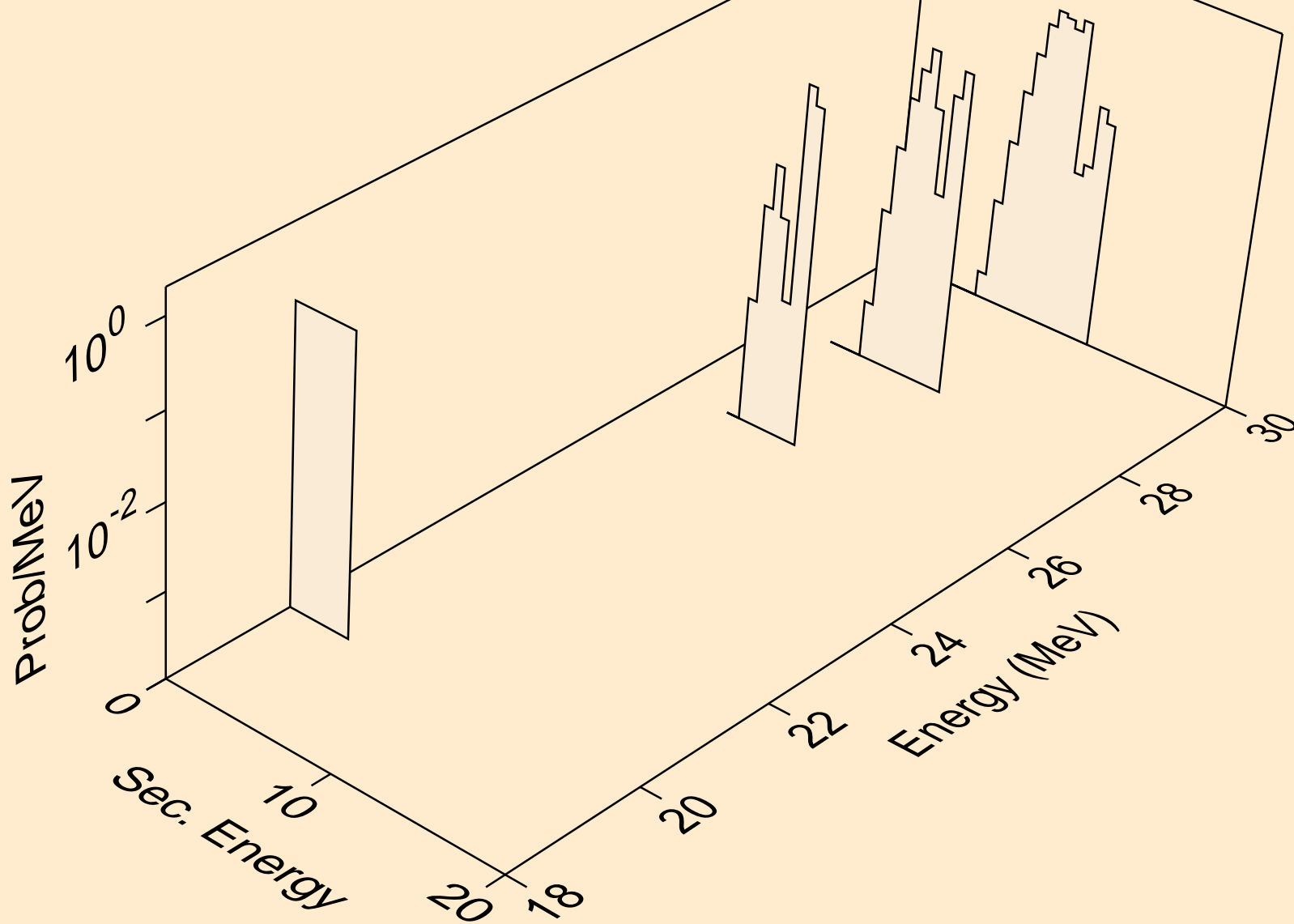
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



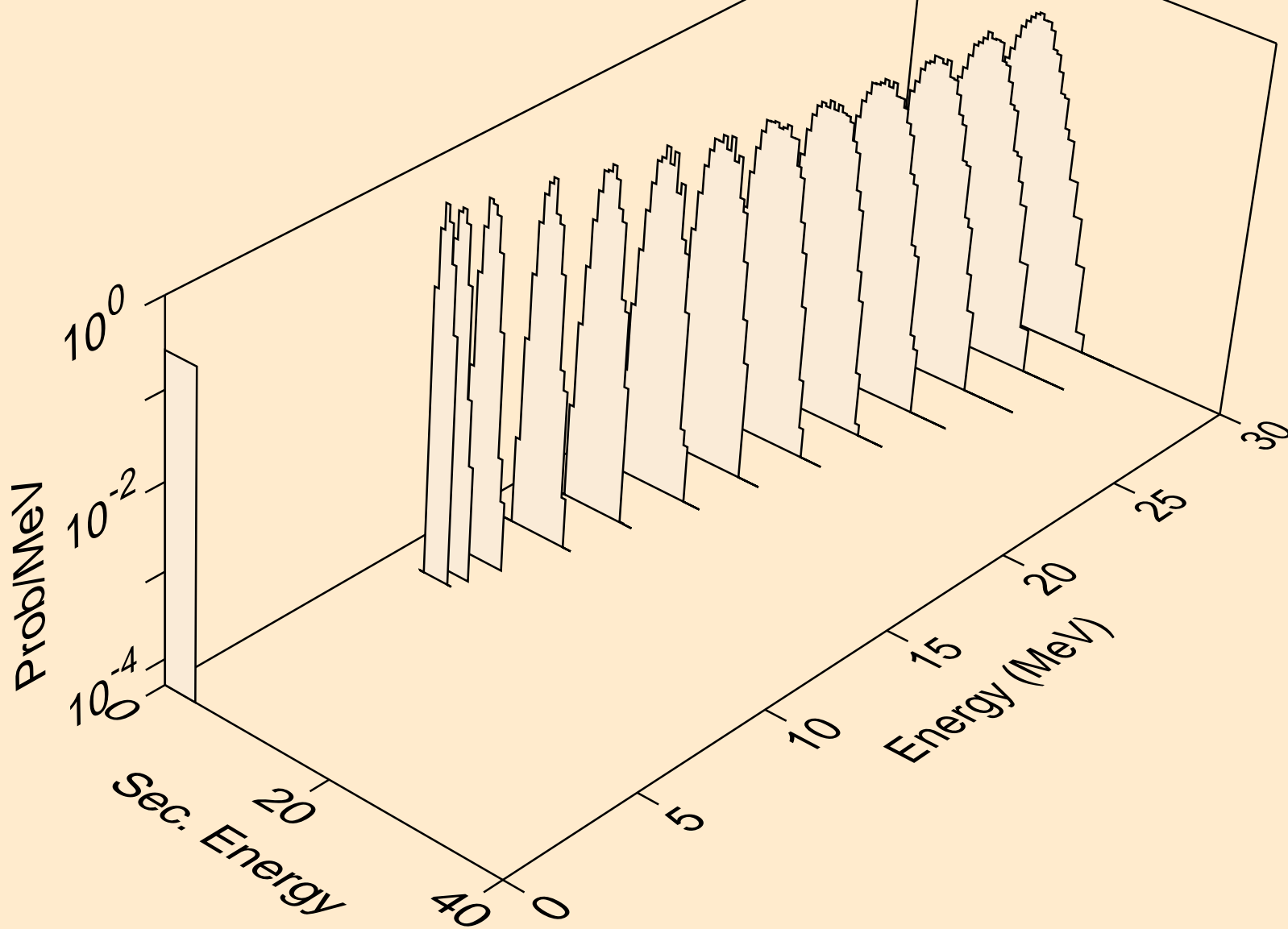
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



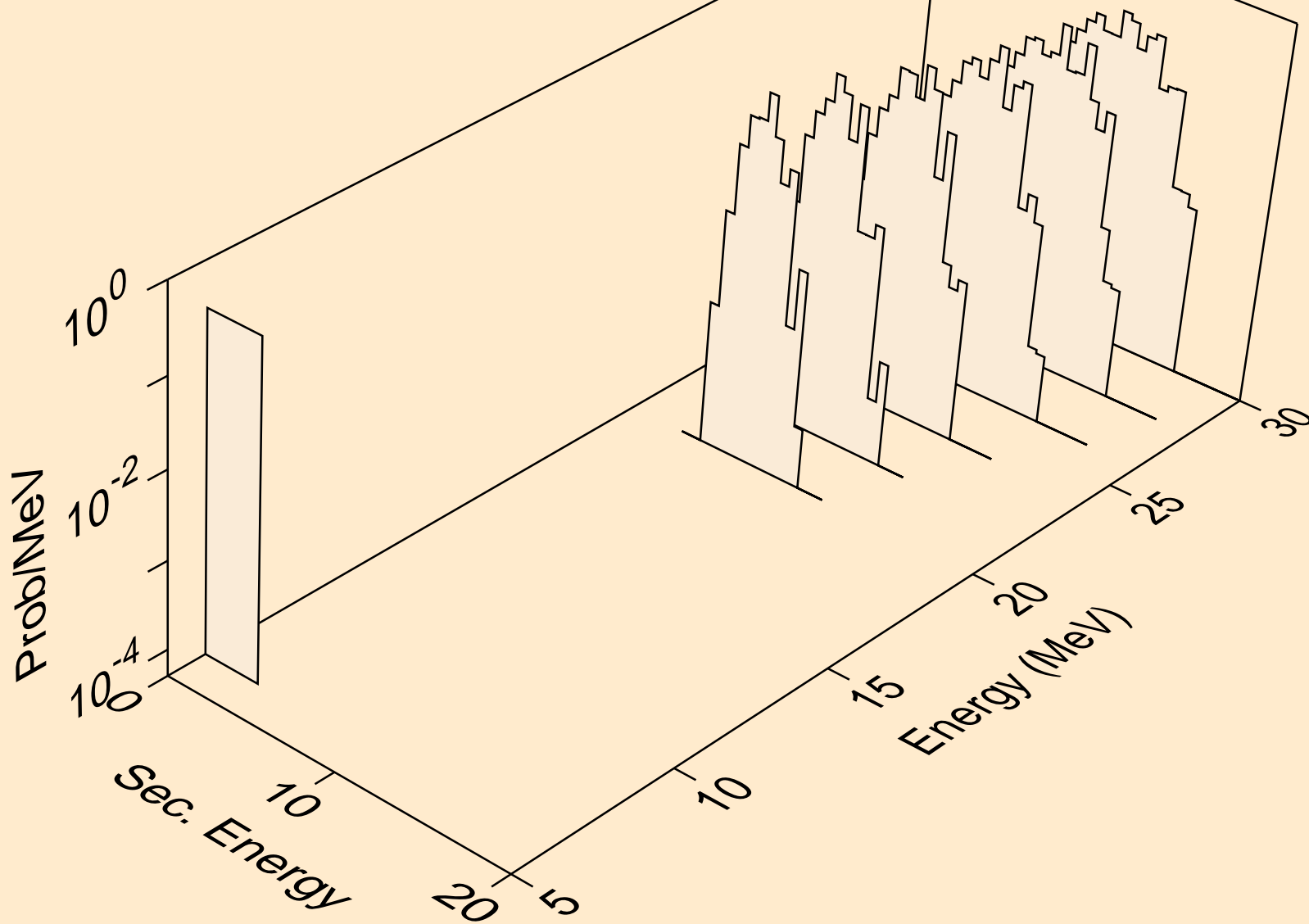
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



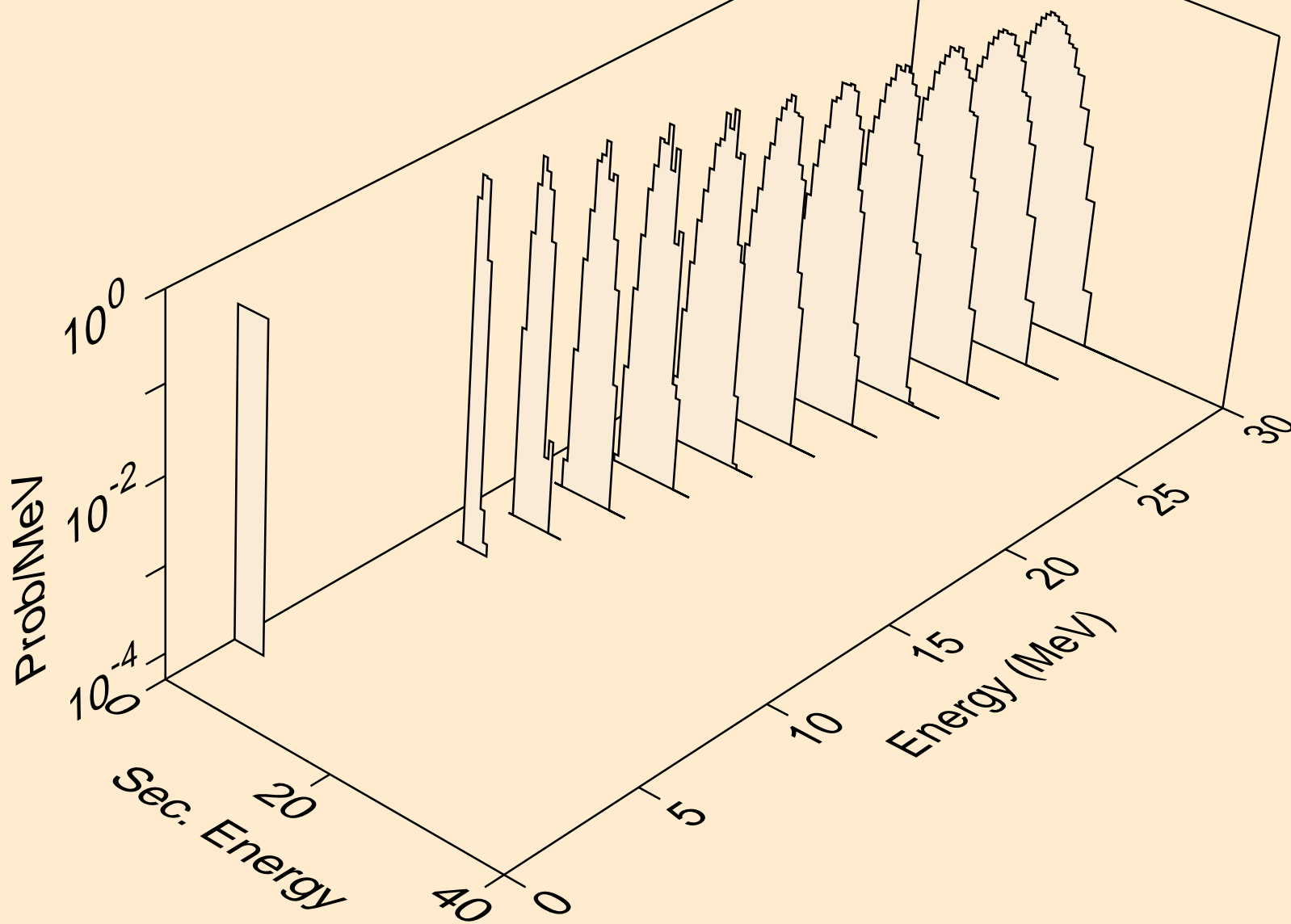
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



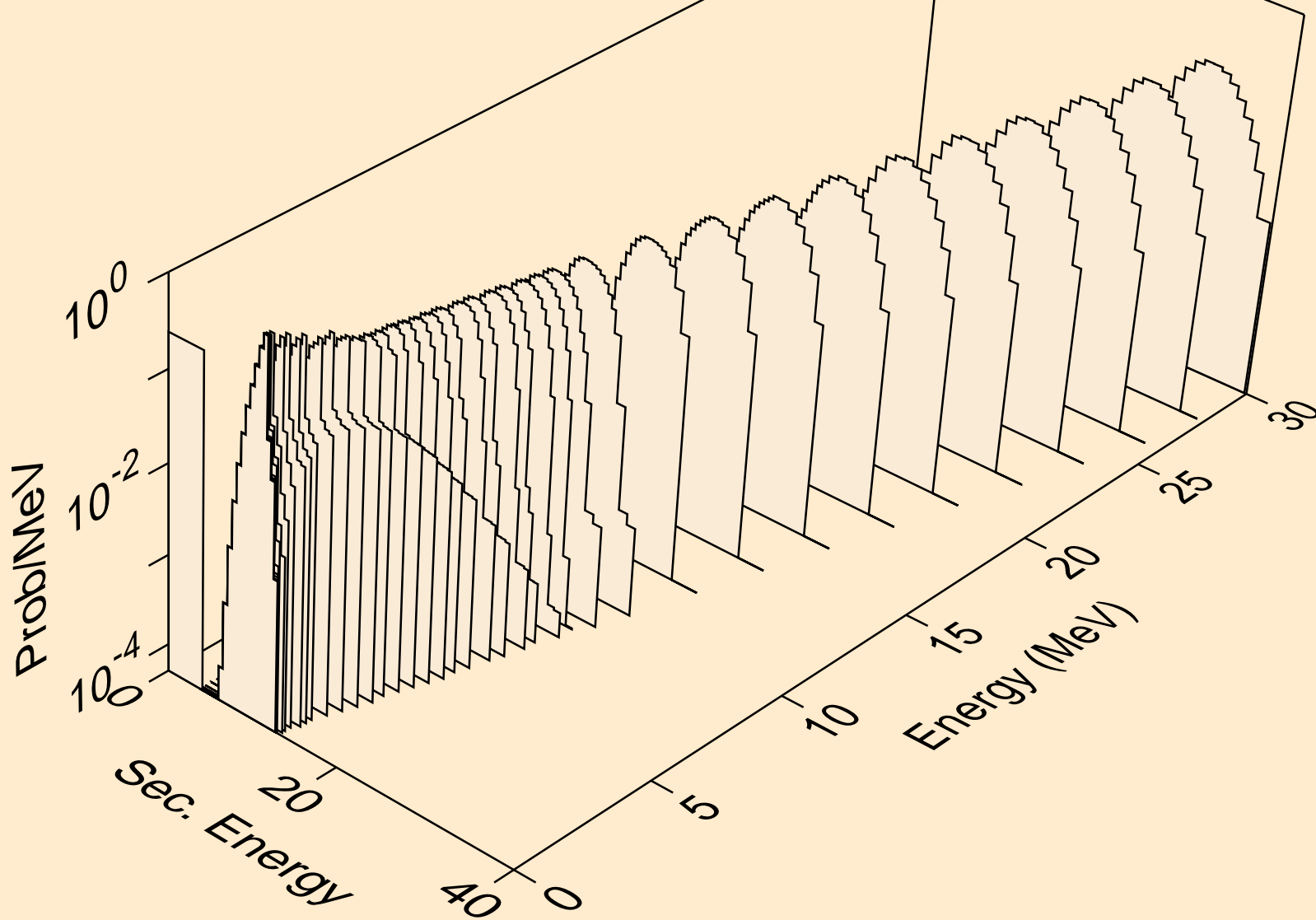
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



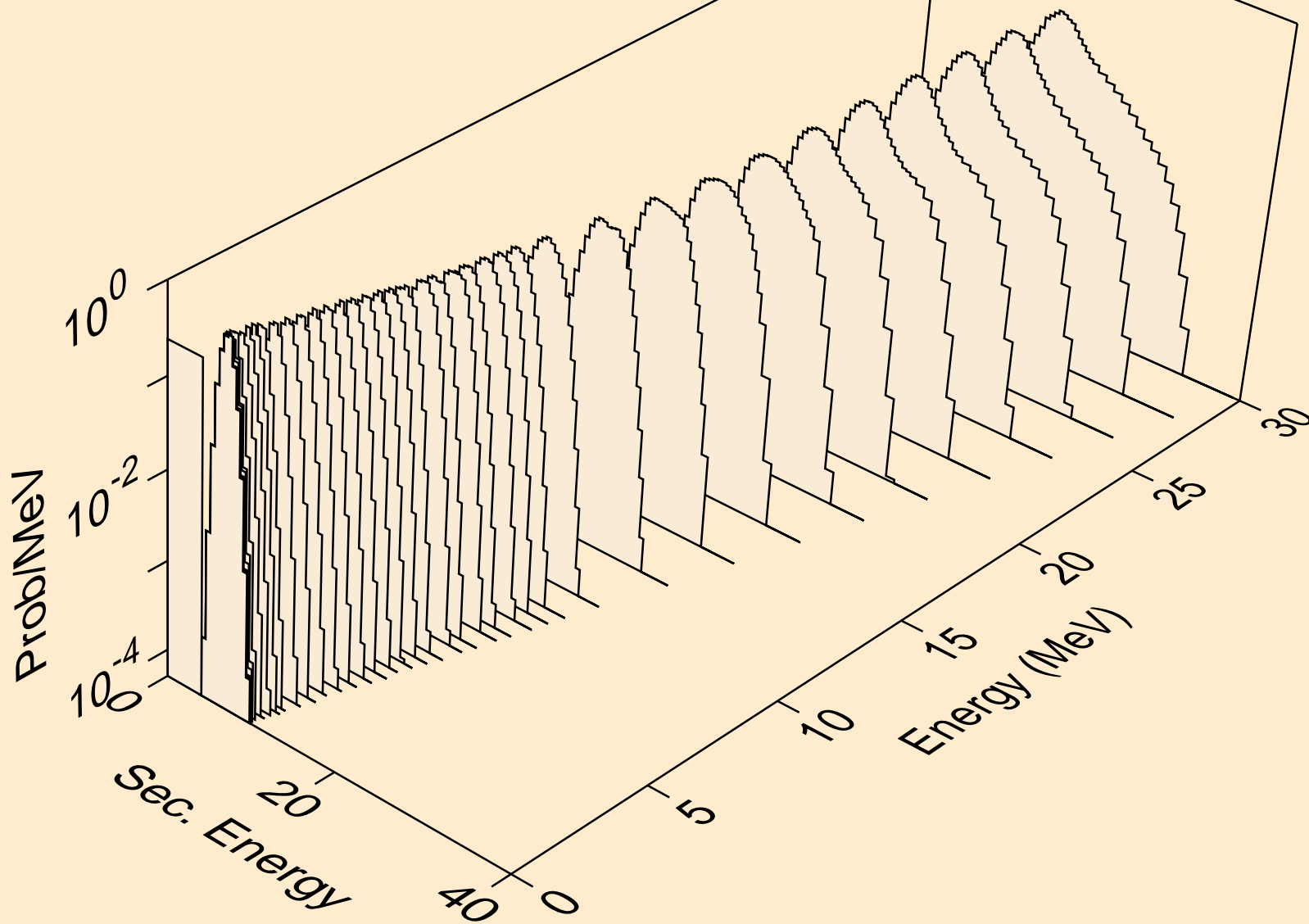
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



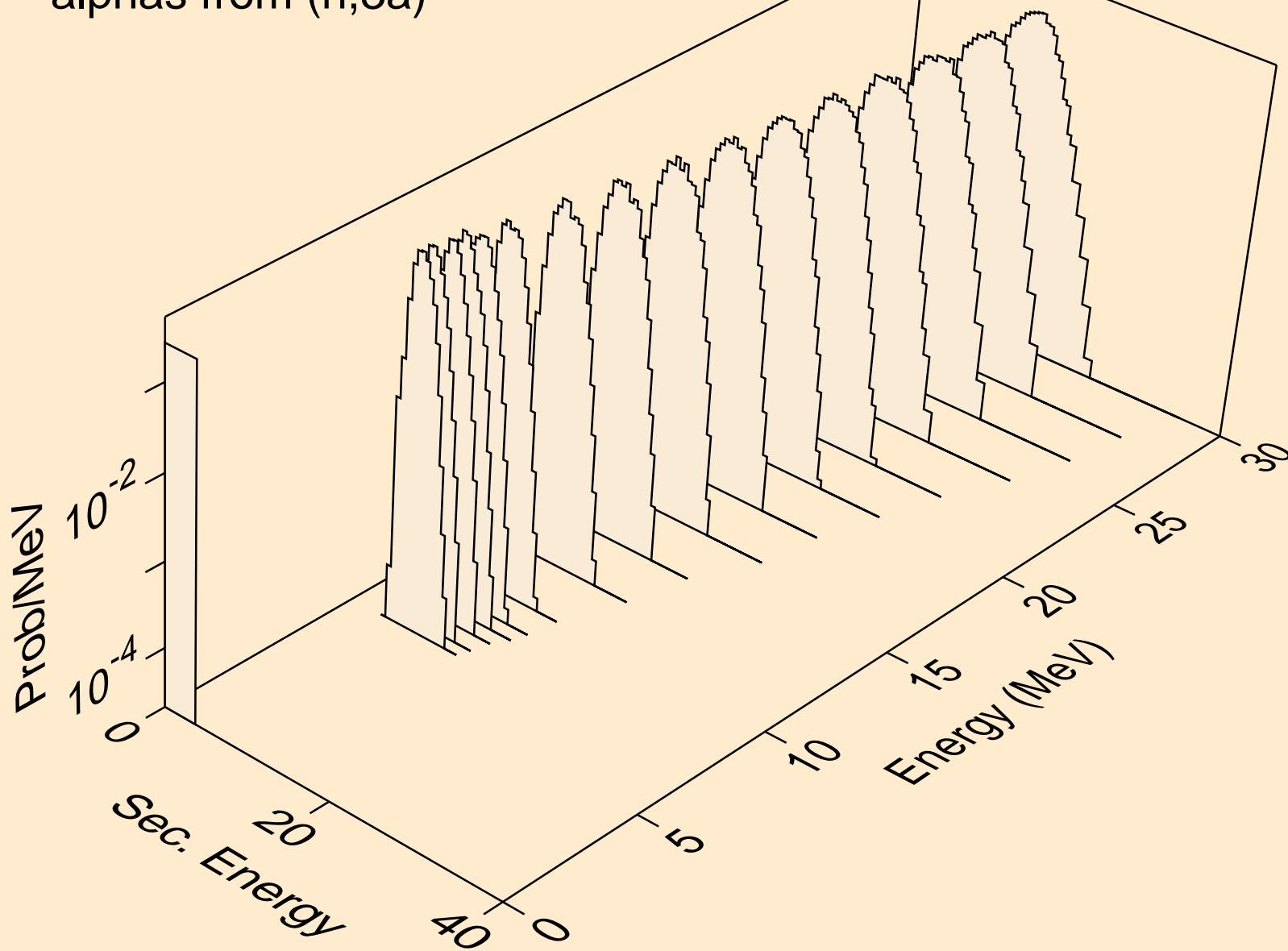
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



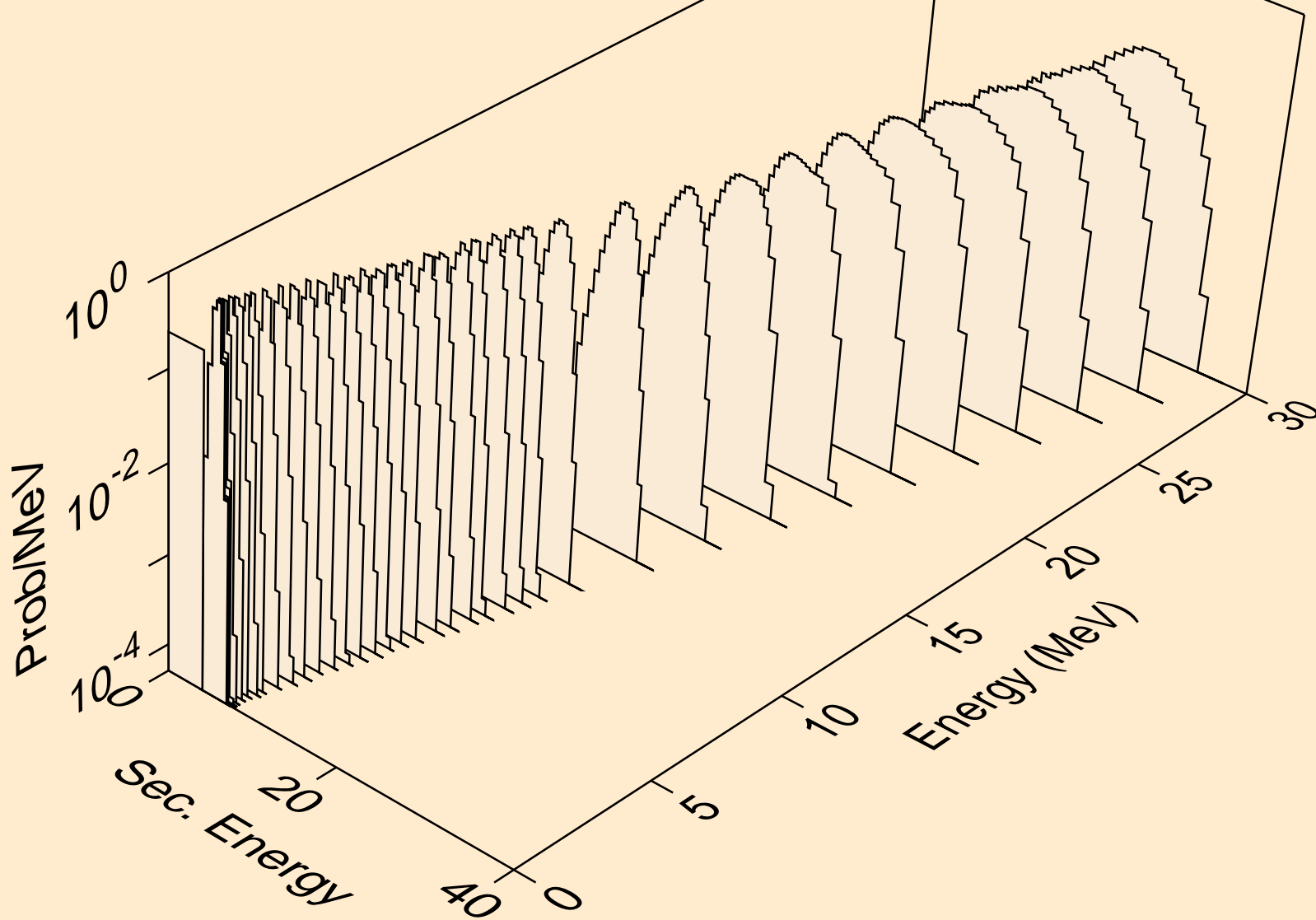
ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,p)



ND131 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

