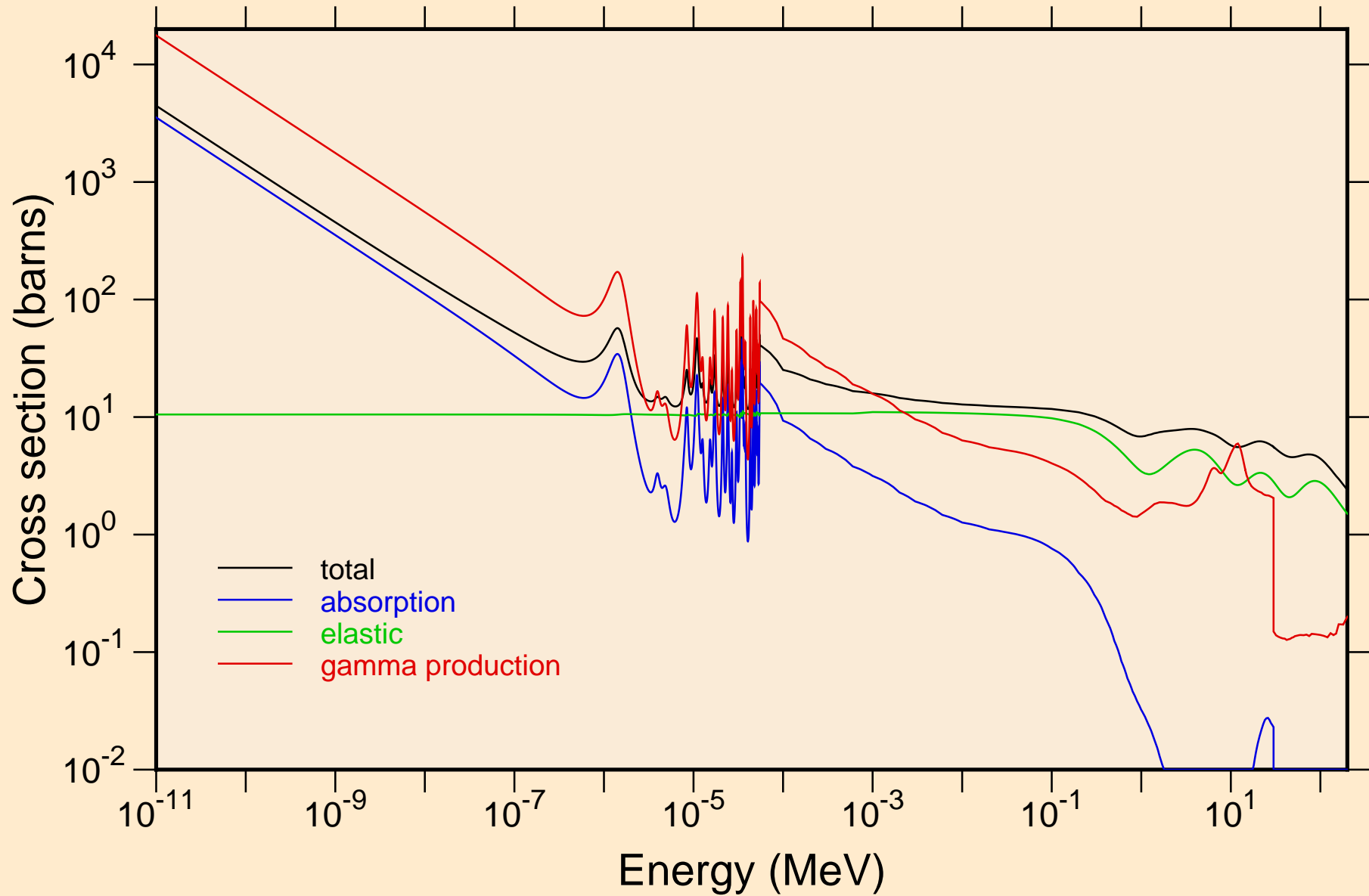
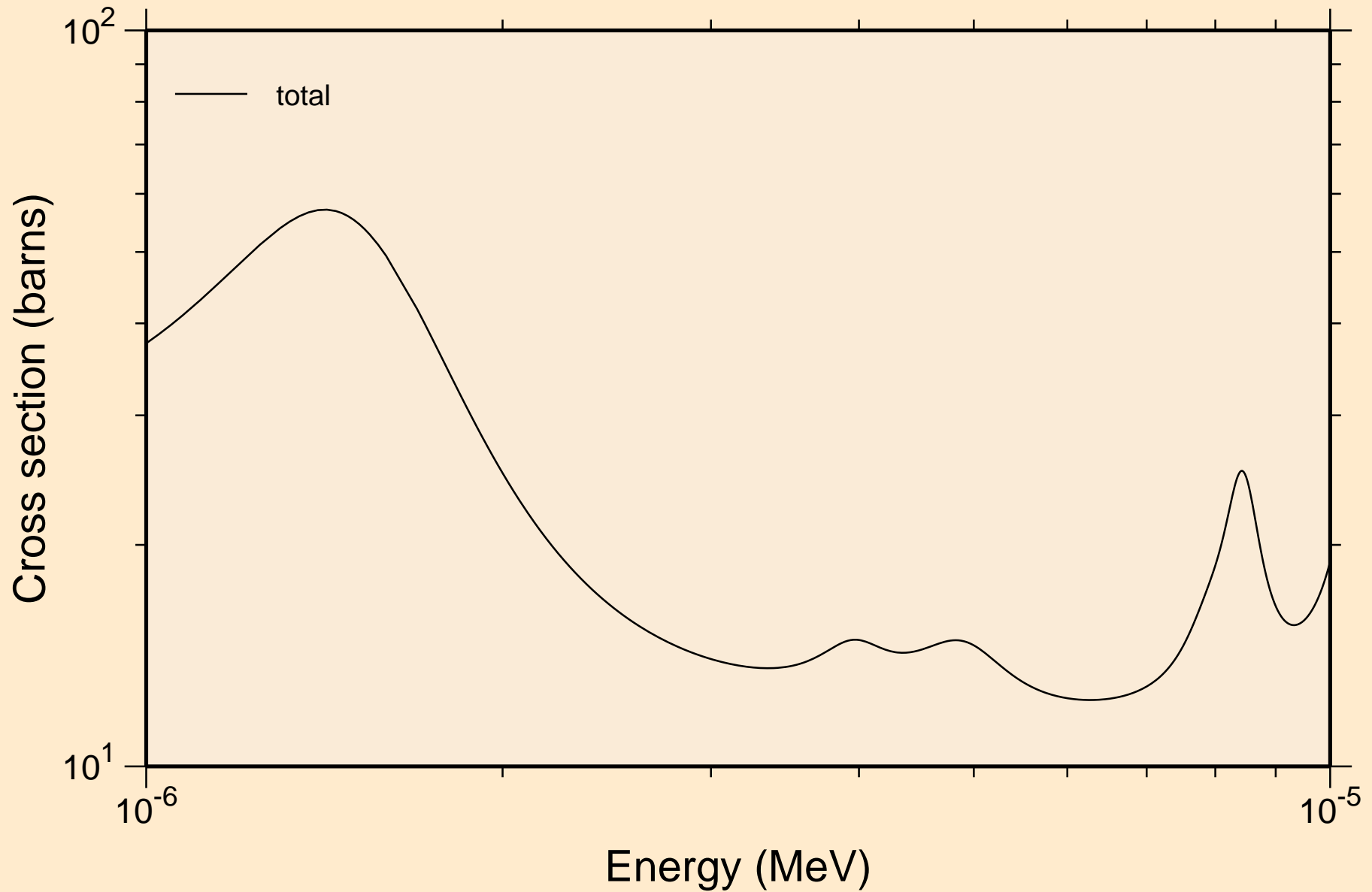


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

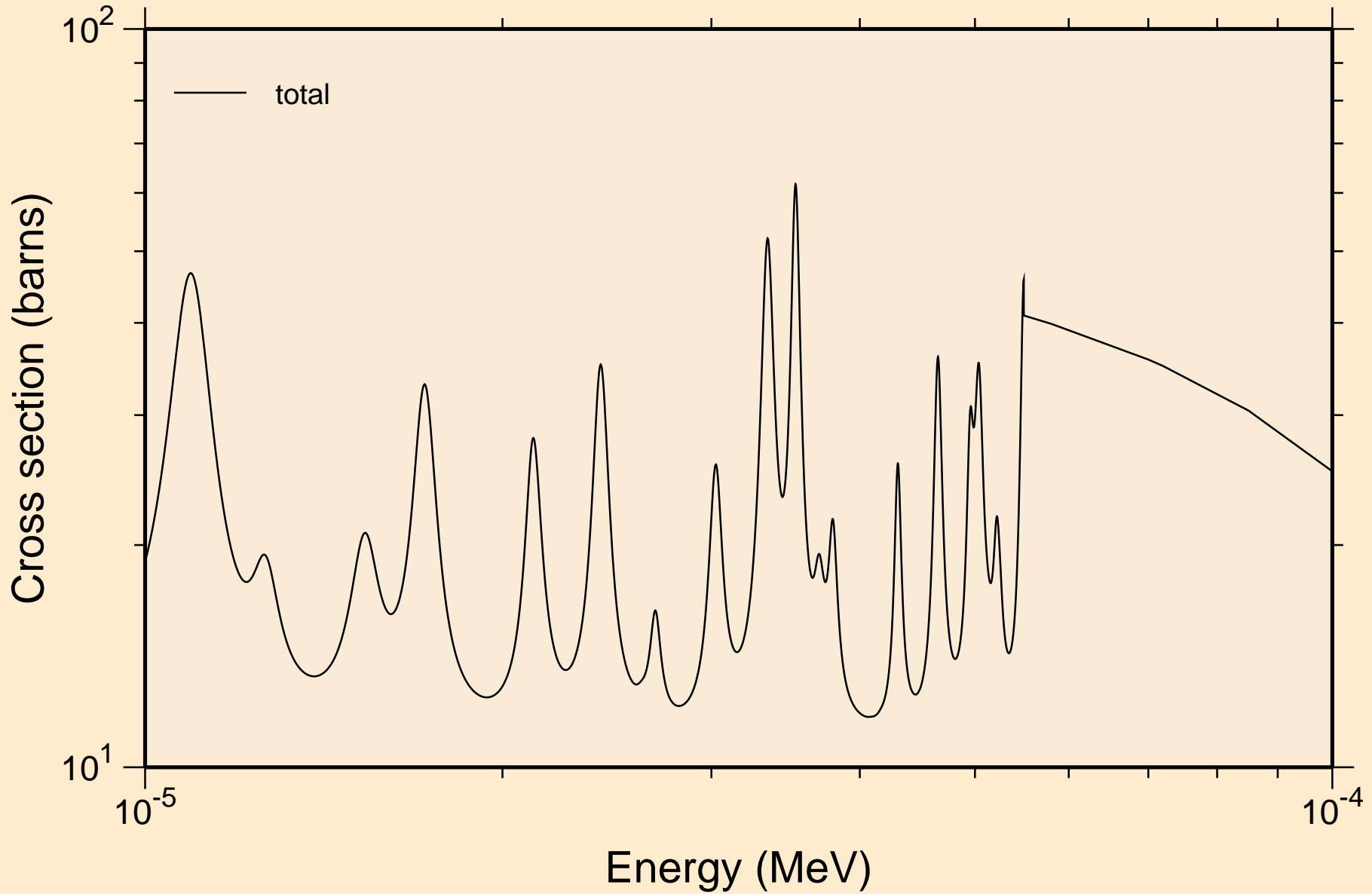
Principal cross sections



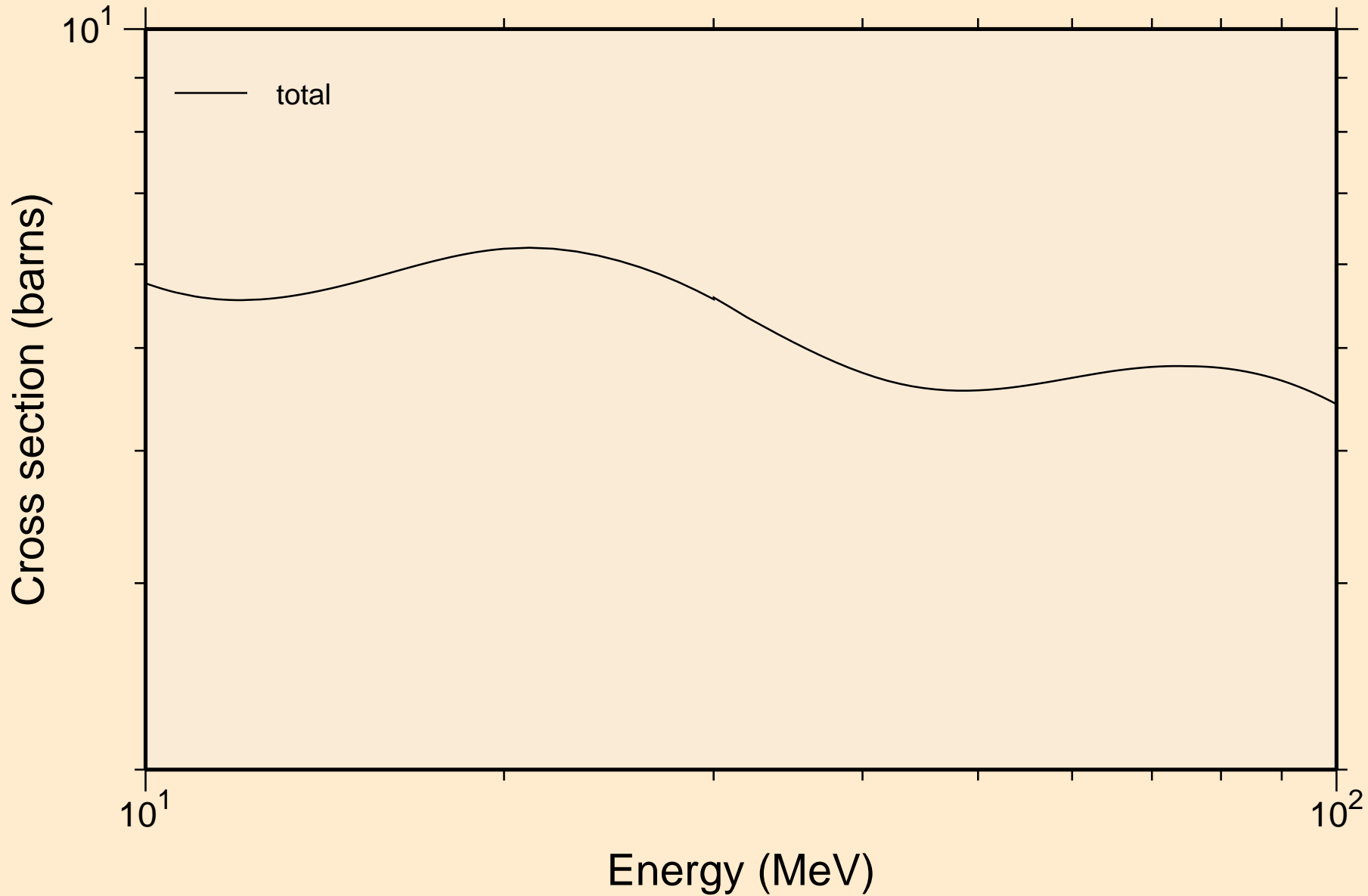
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



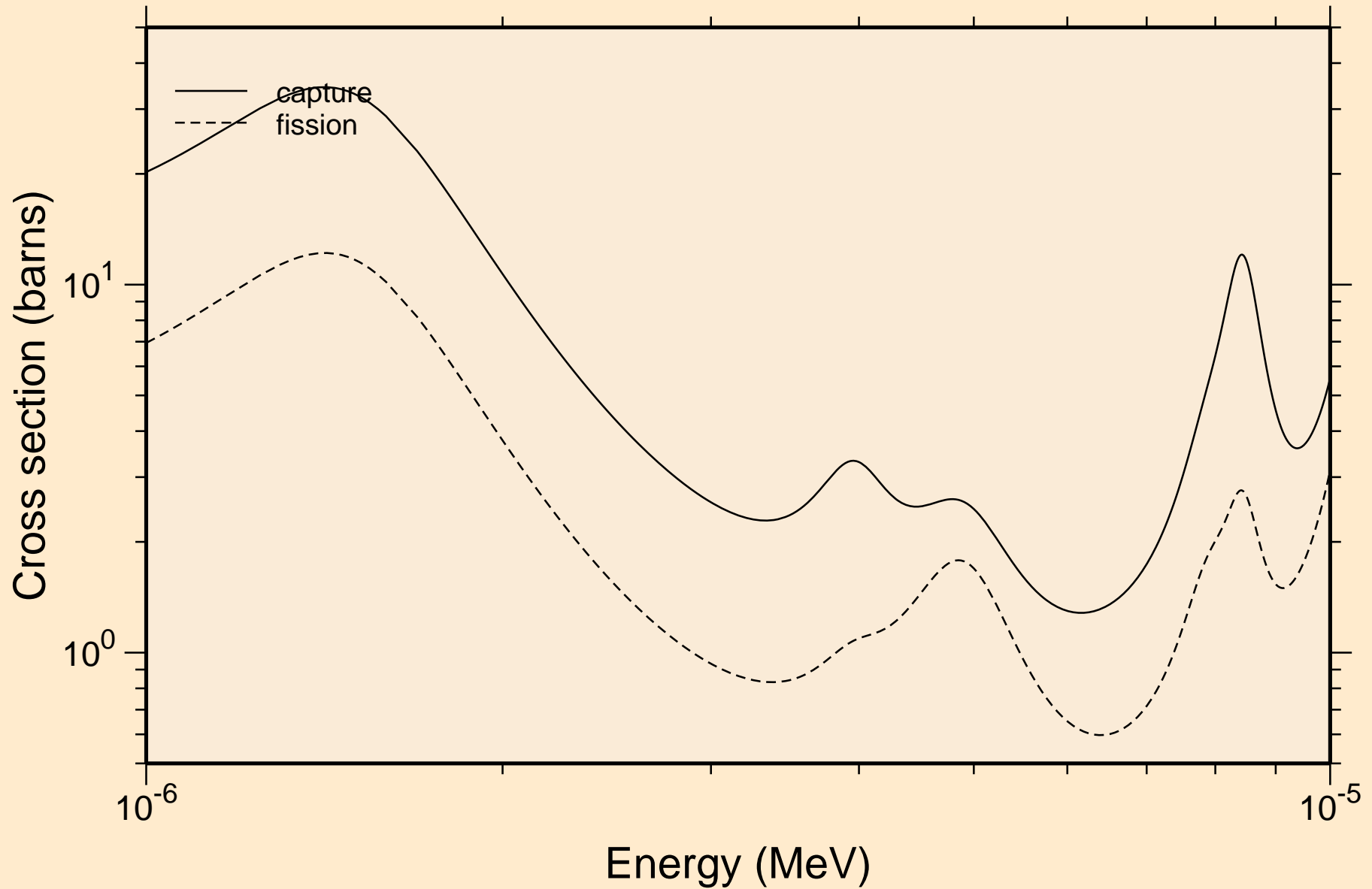
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



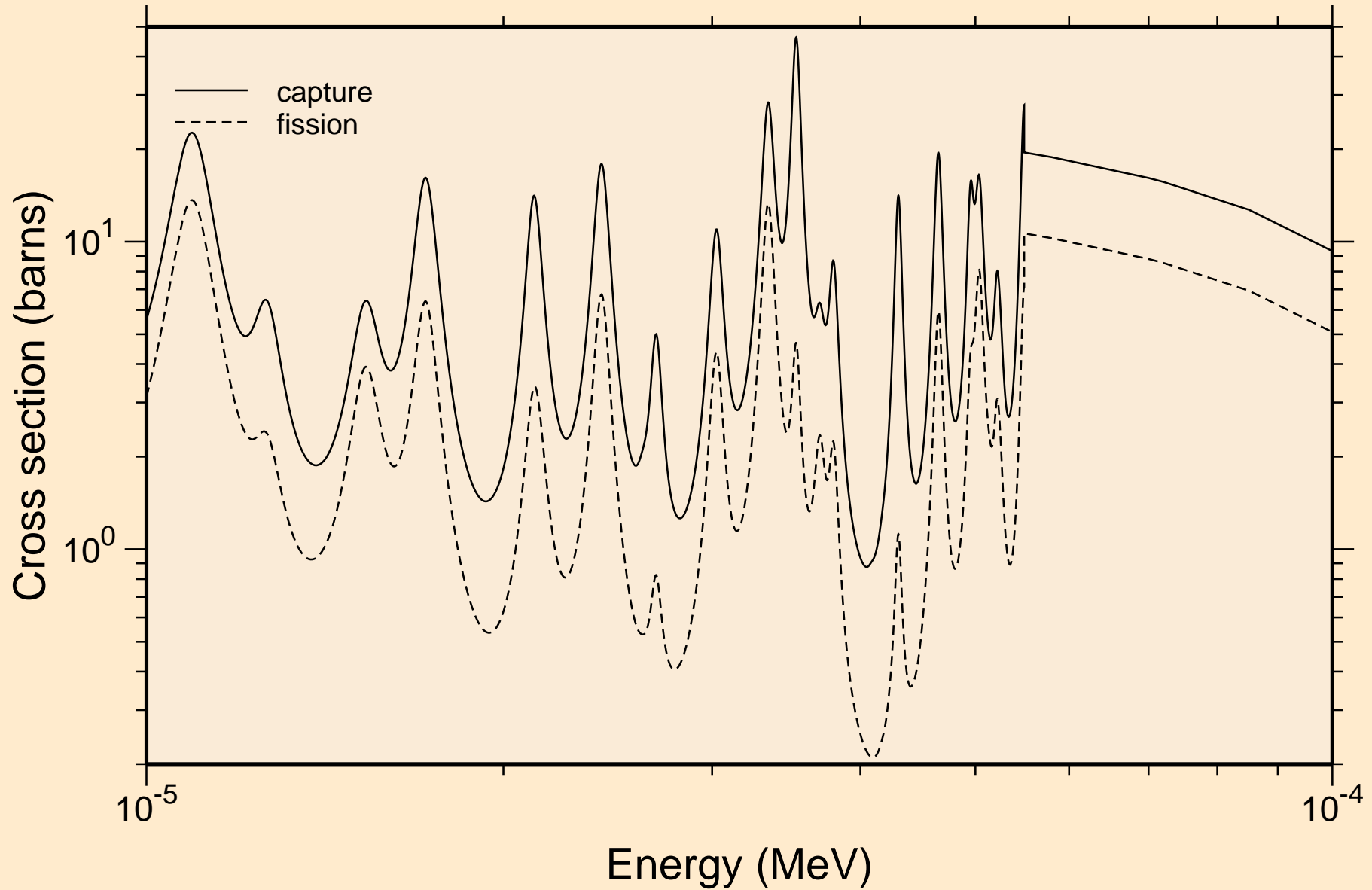
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



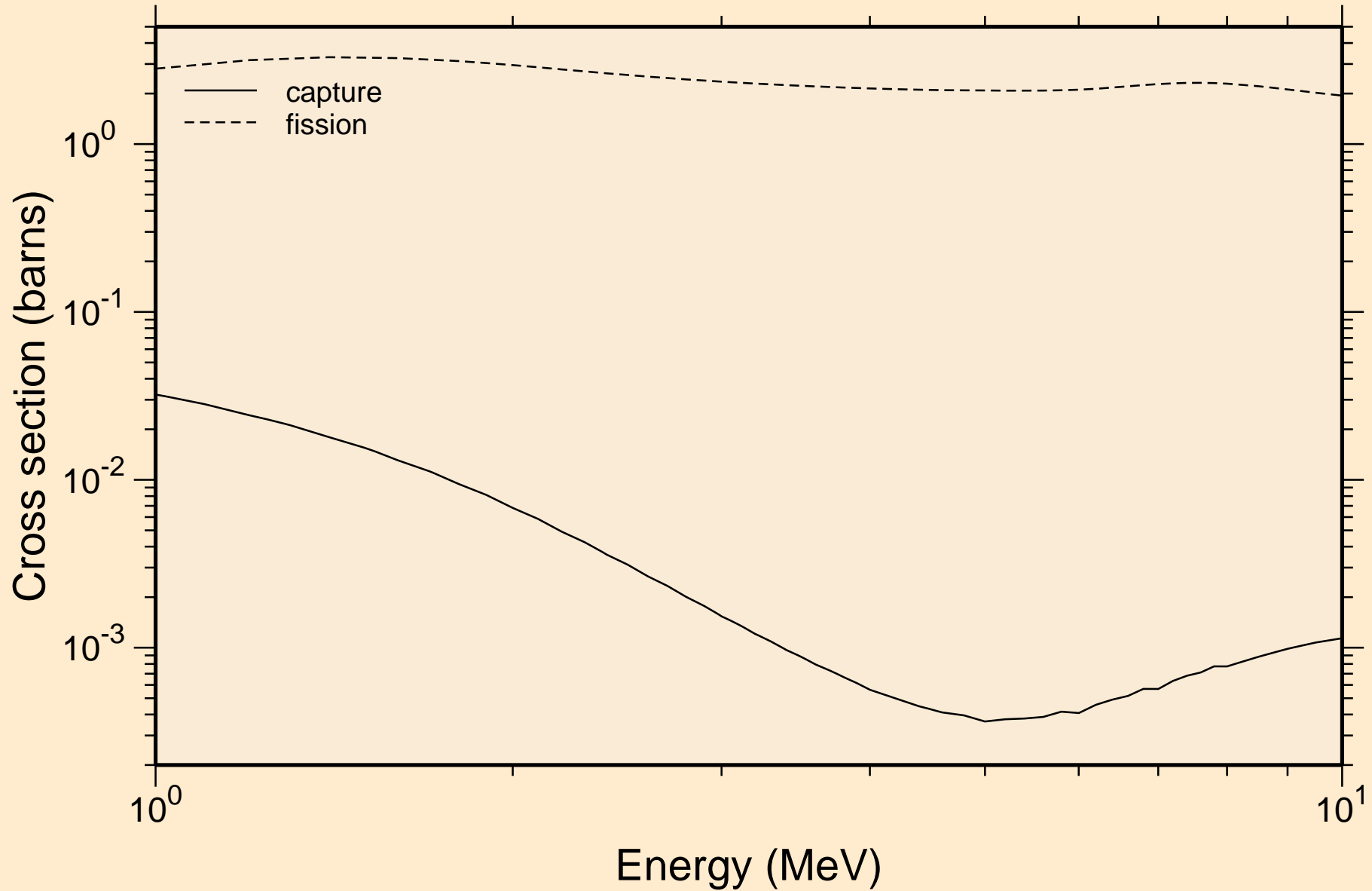
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

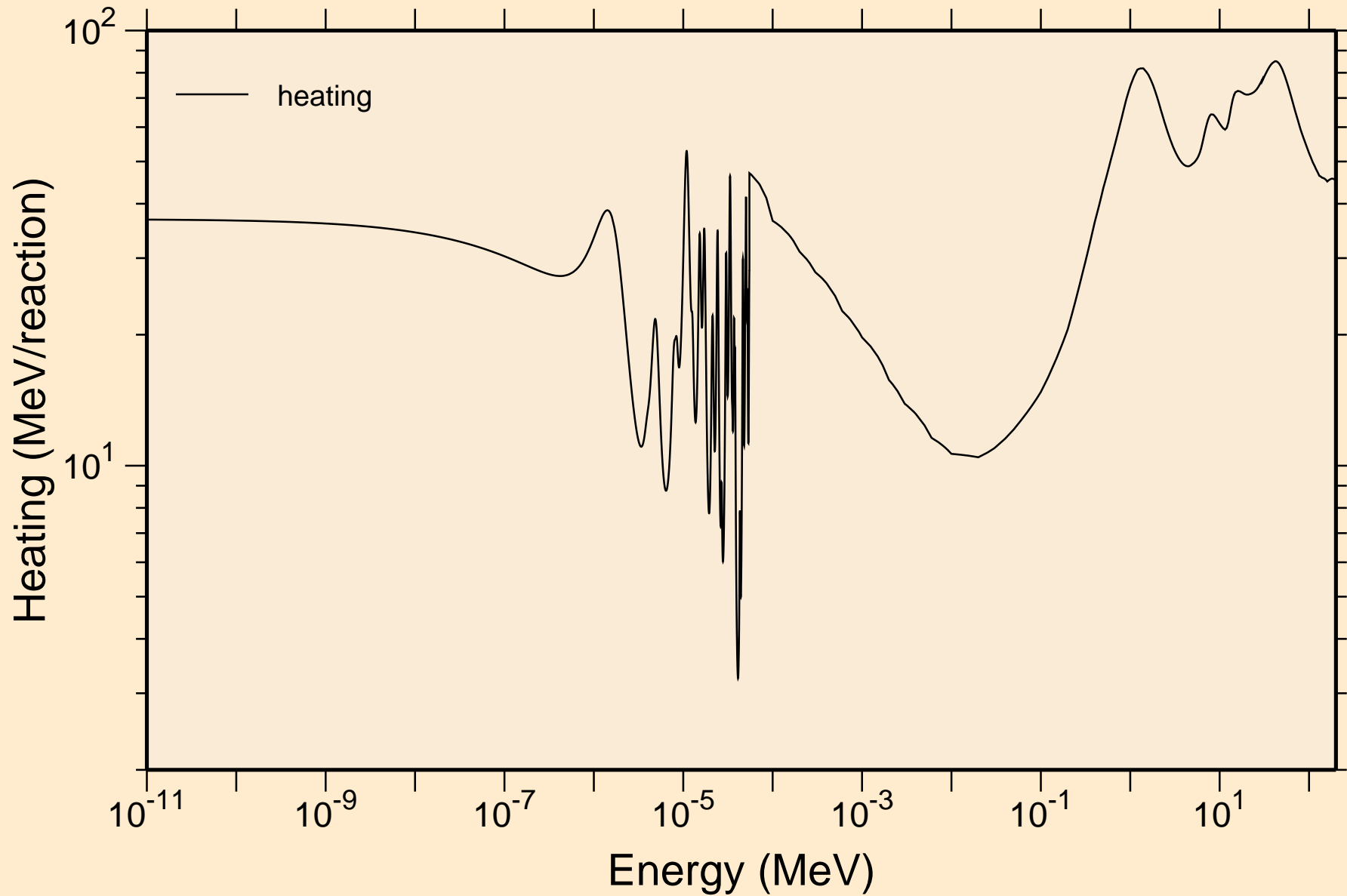


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



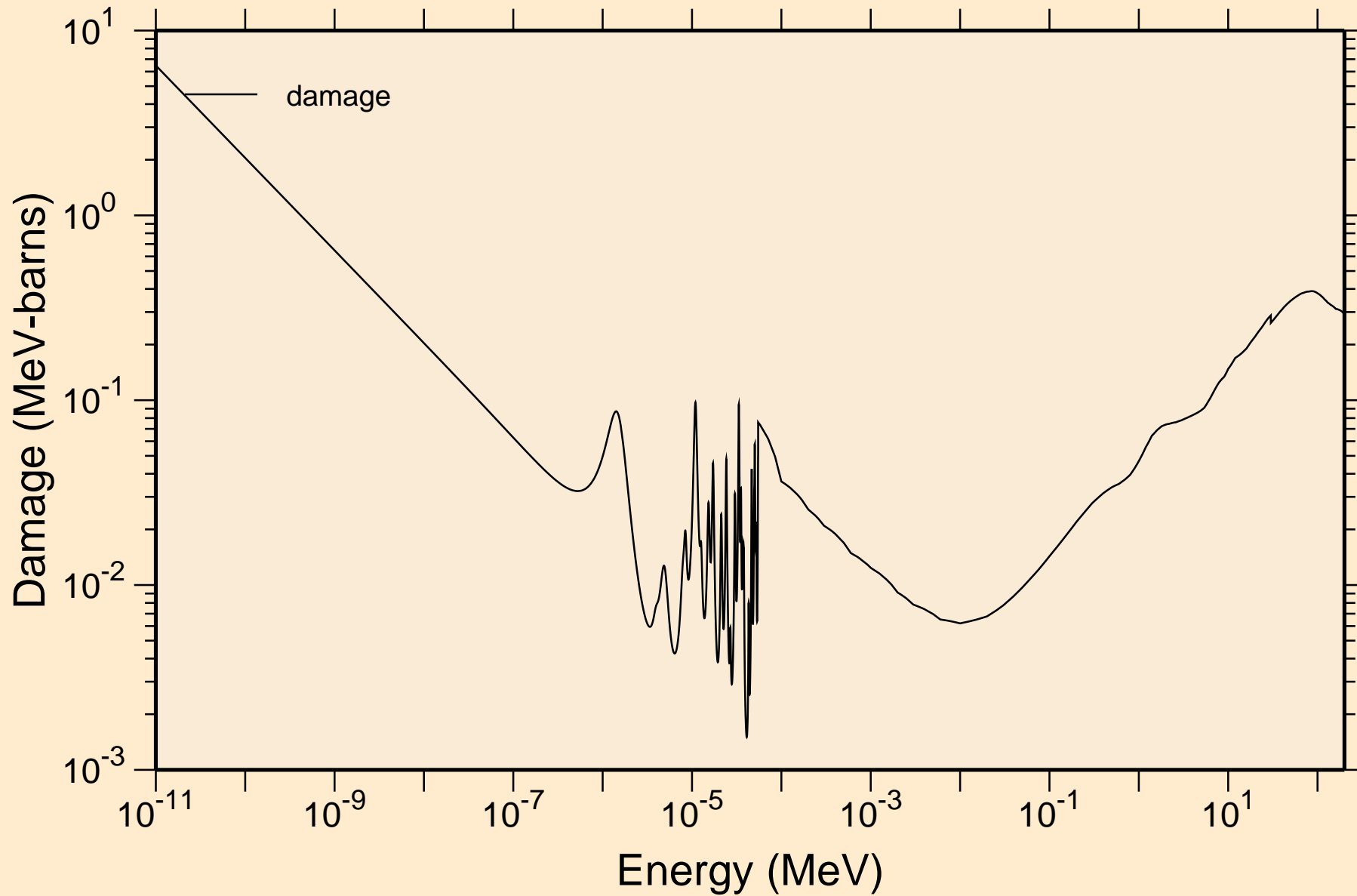
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



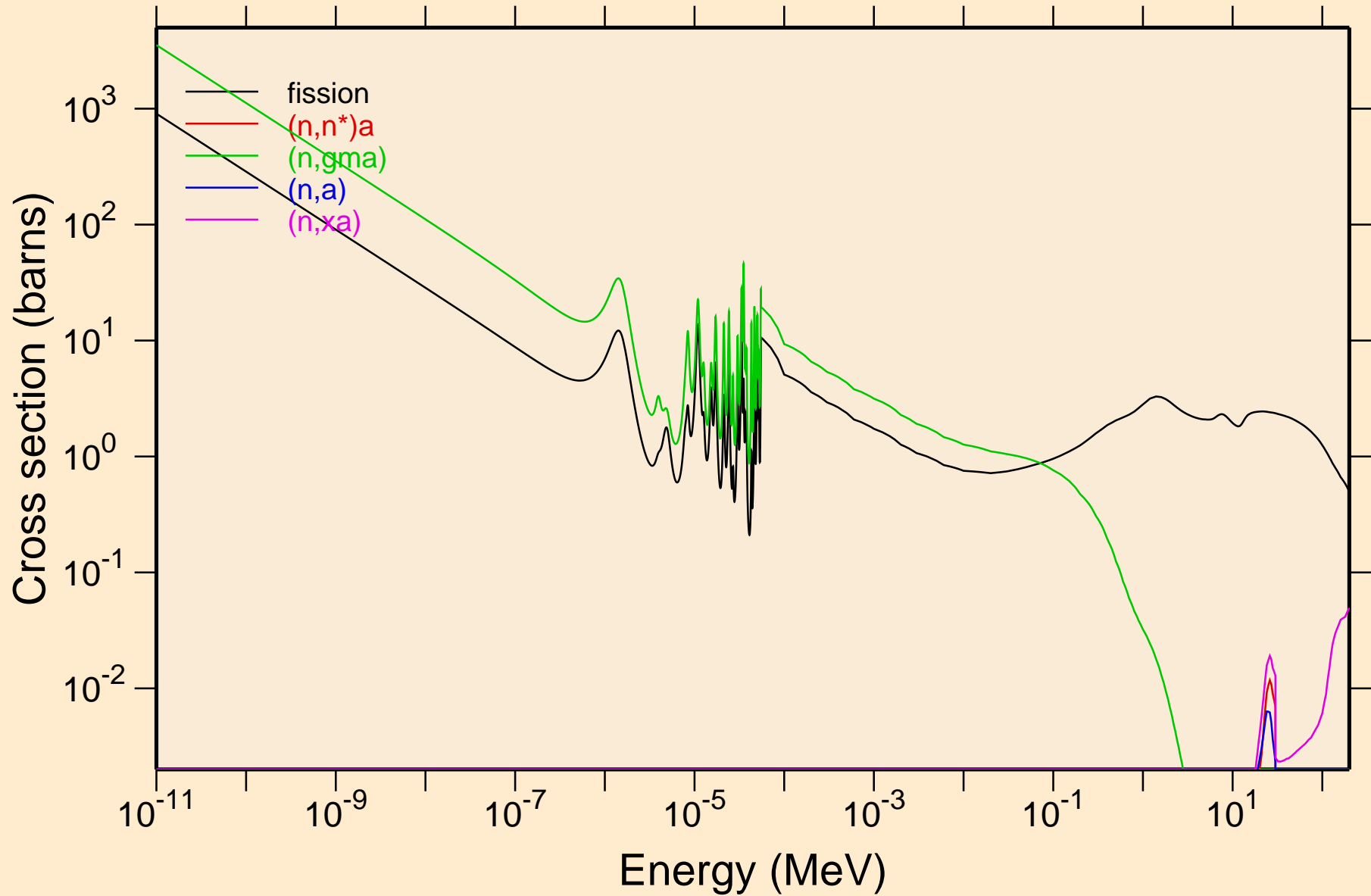
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



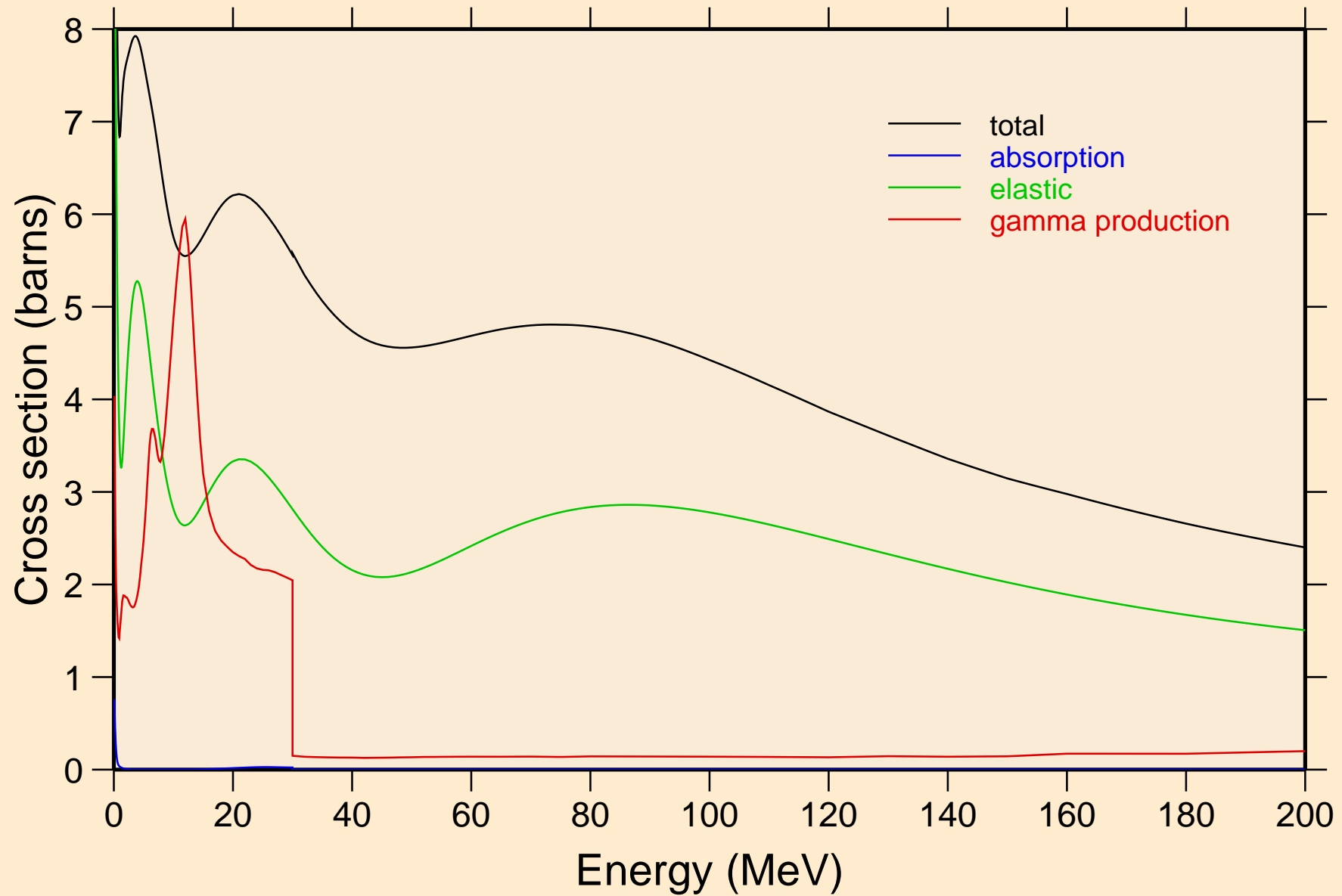
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

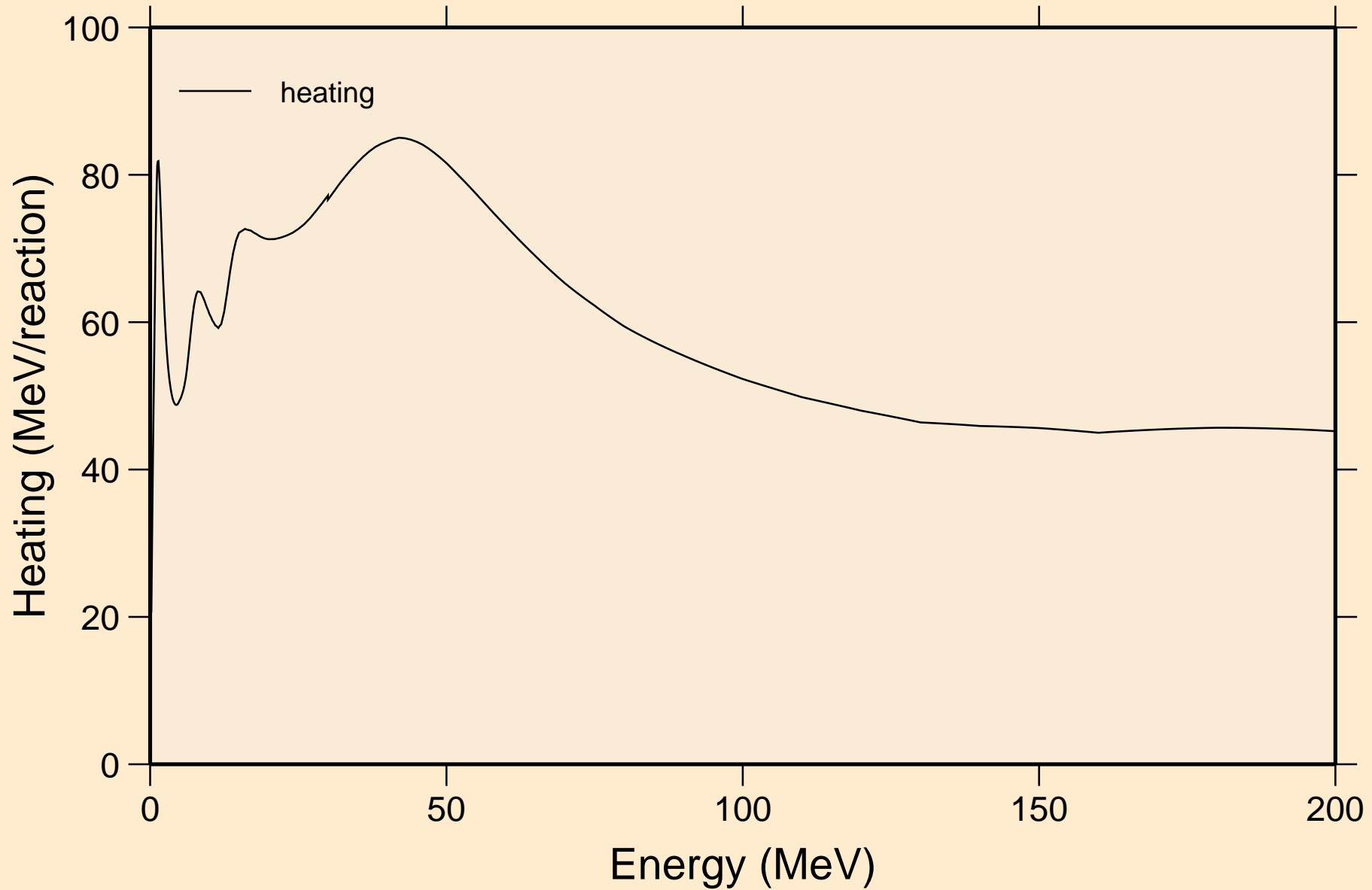


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

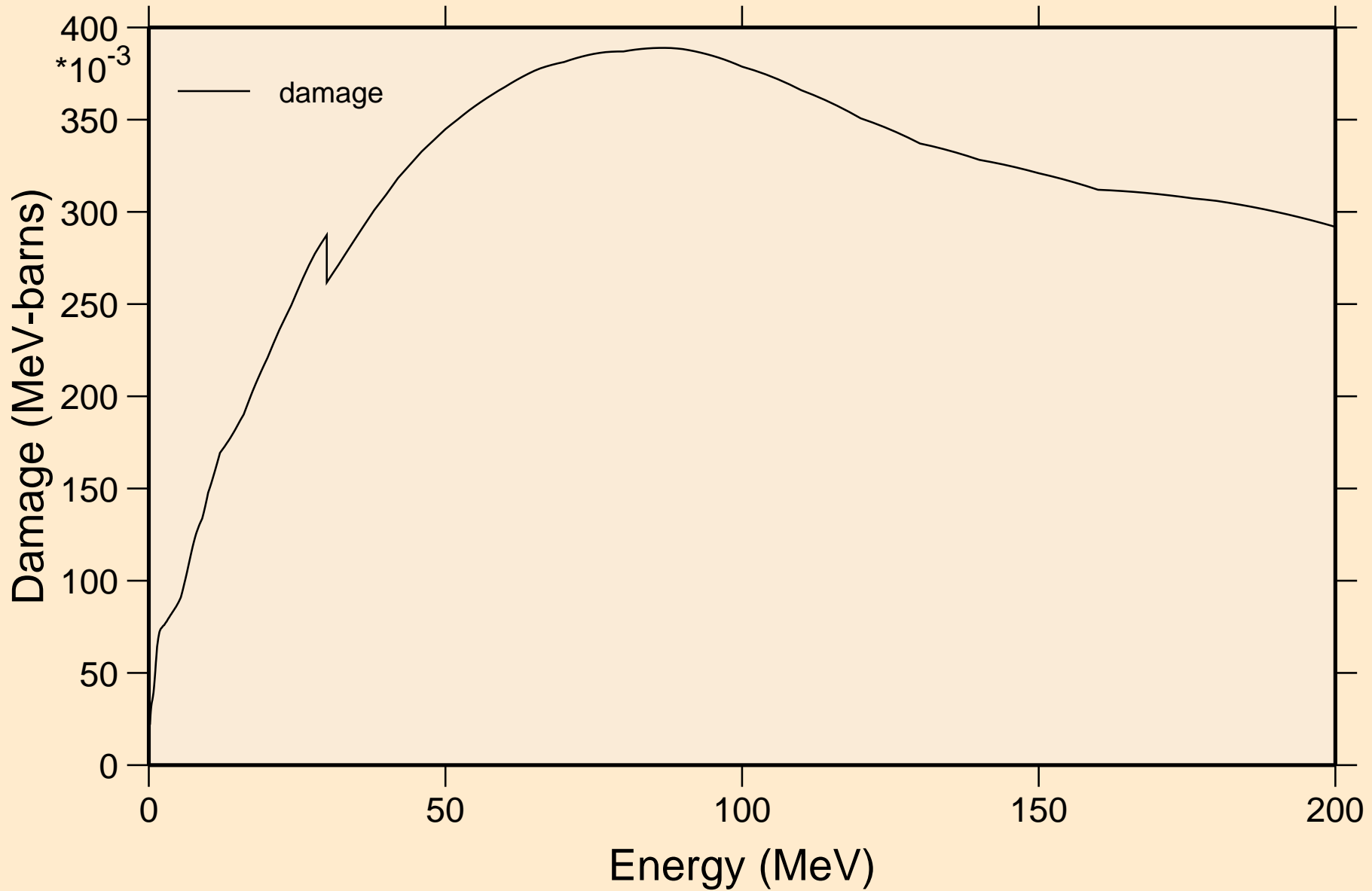


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Heating



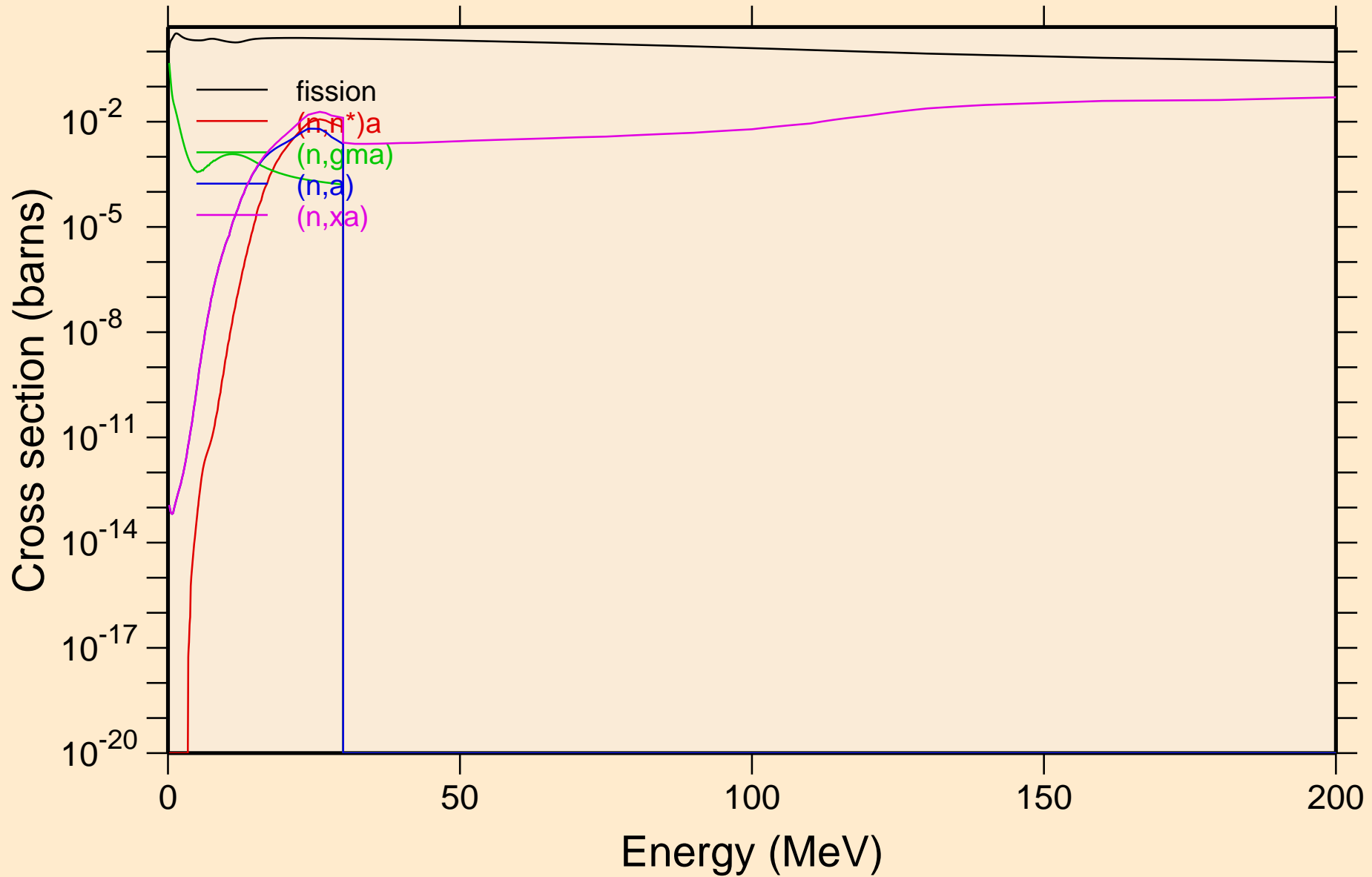
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

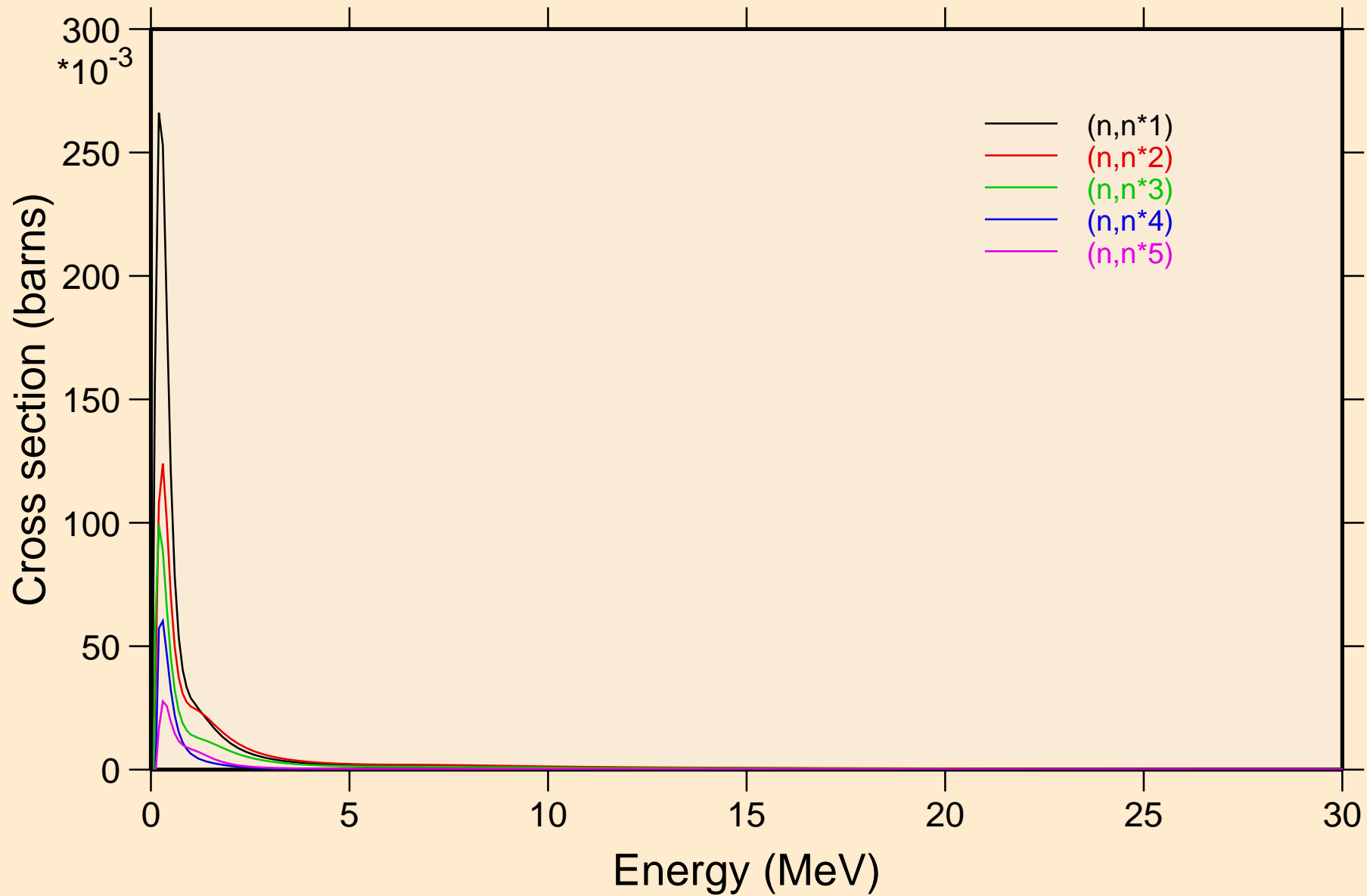


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

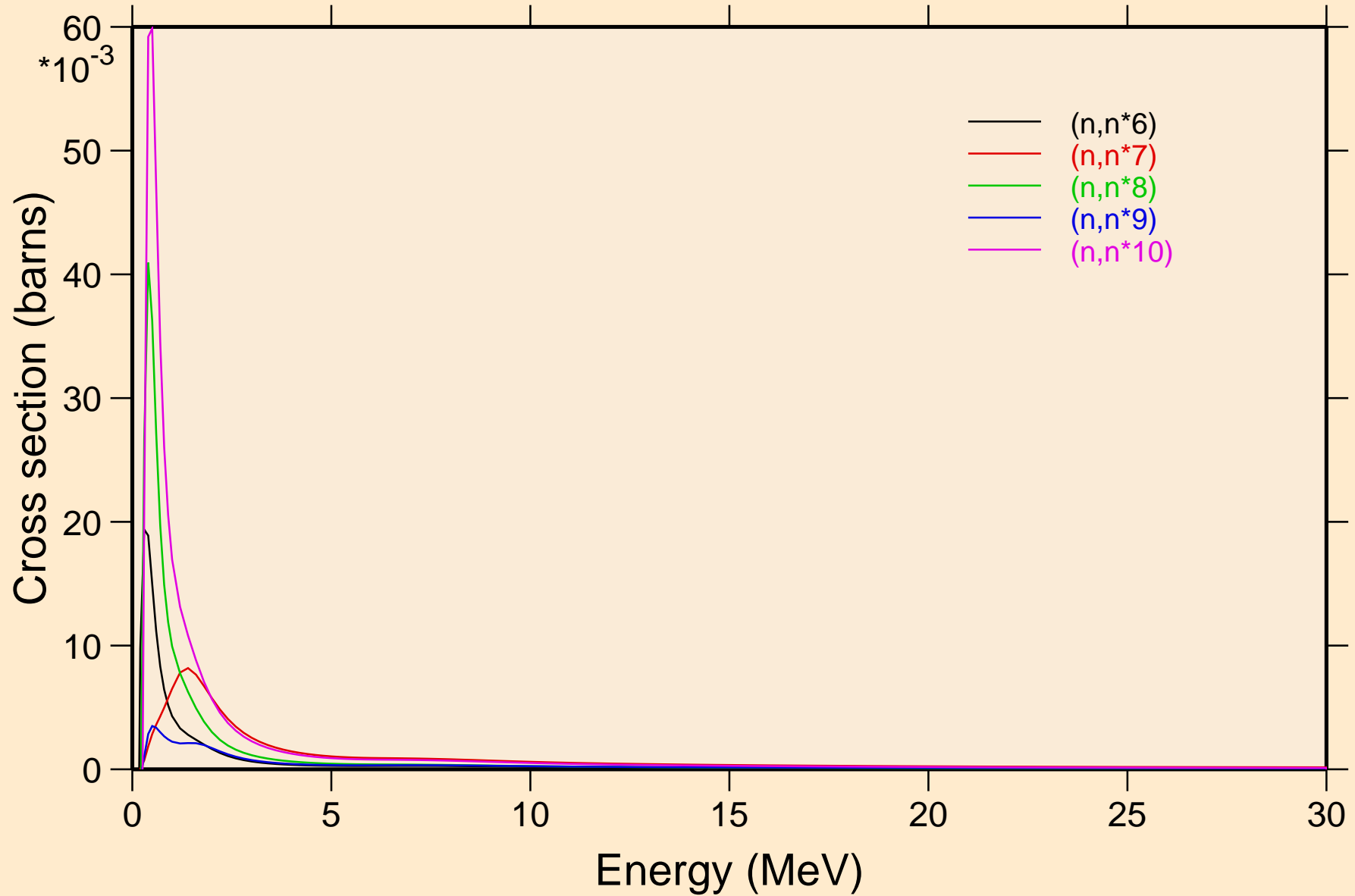
Non-threshold reactions



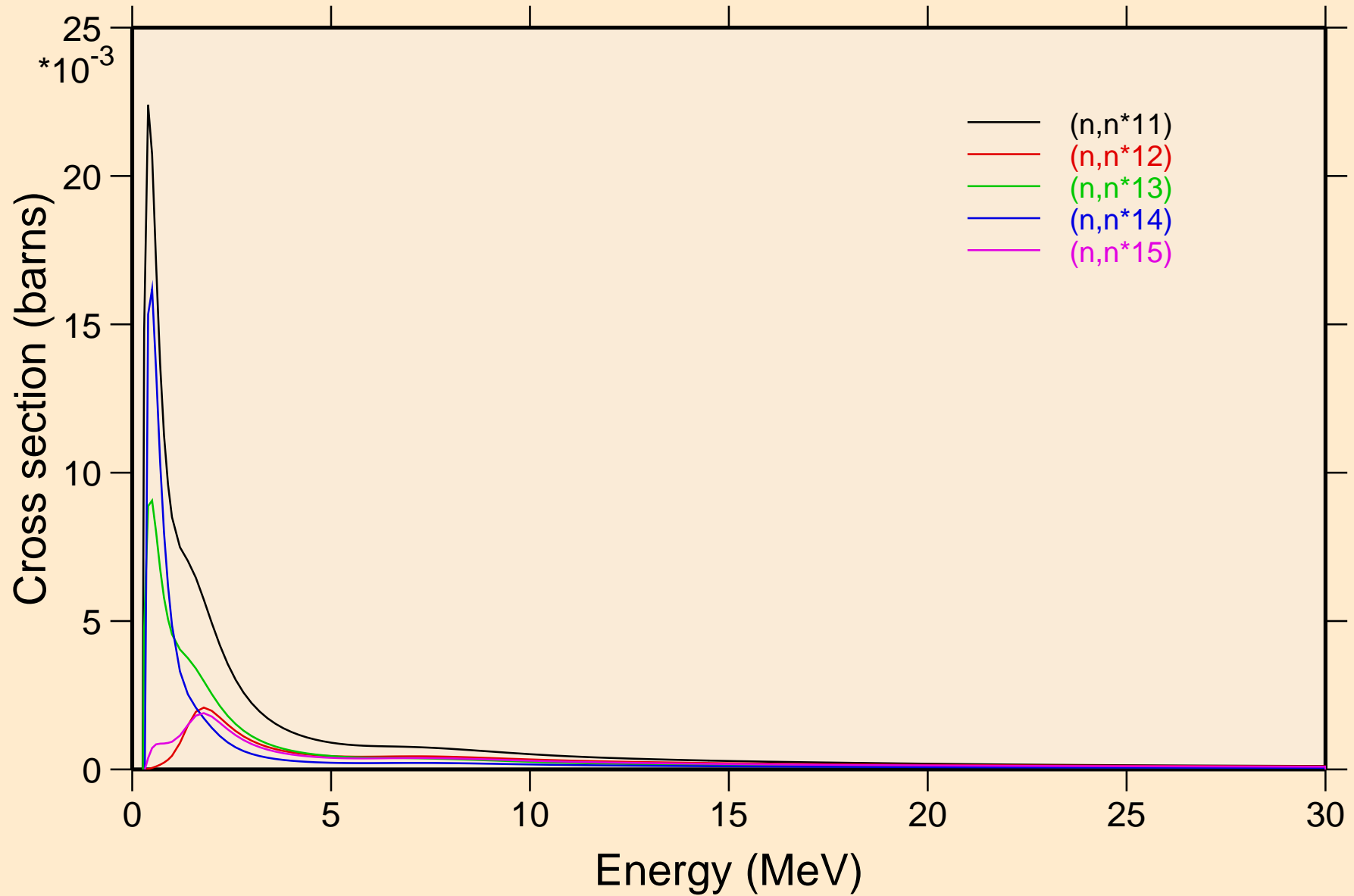
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



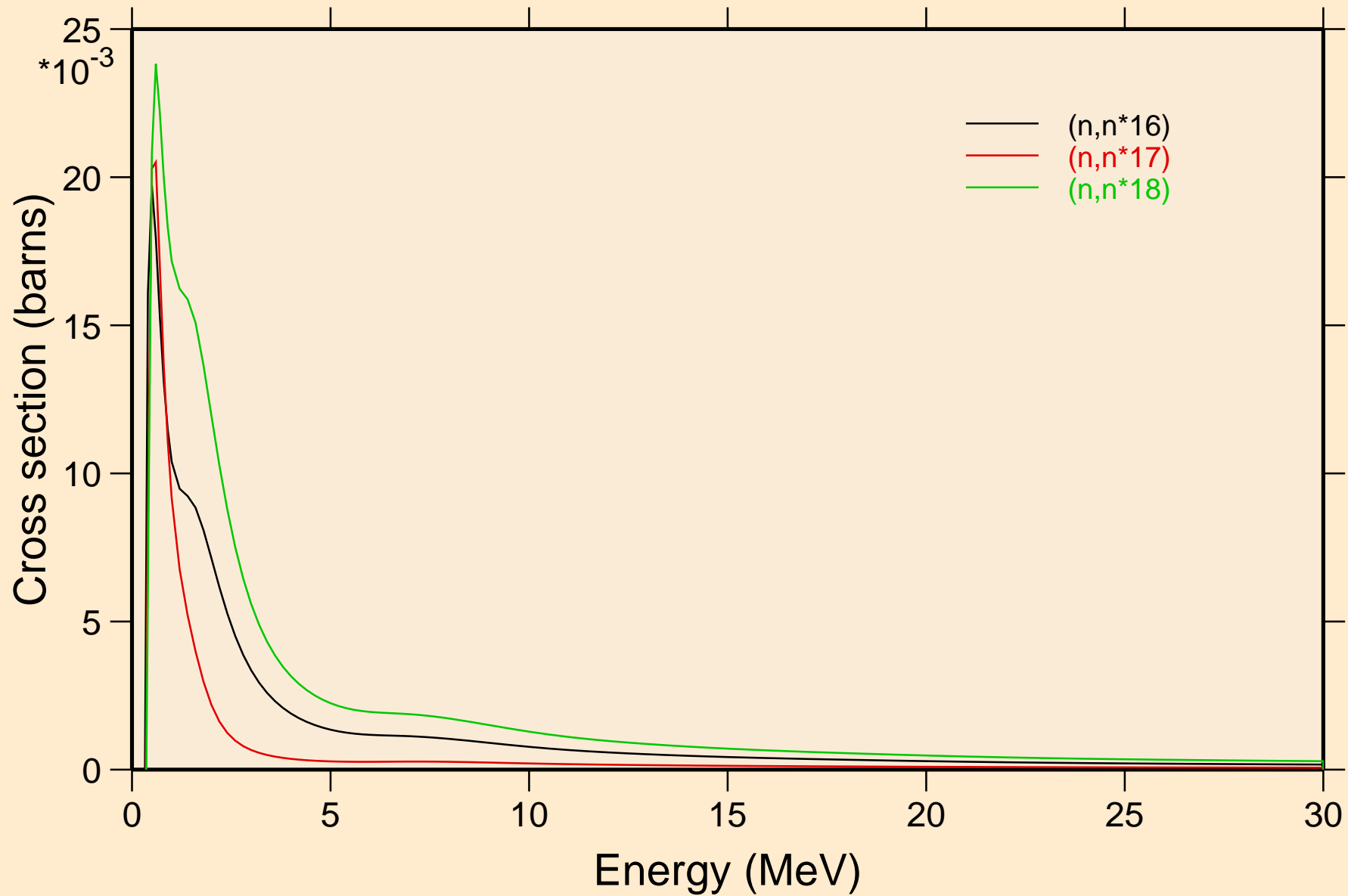
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

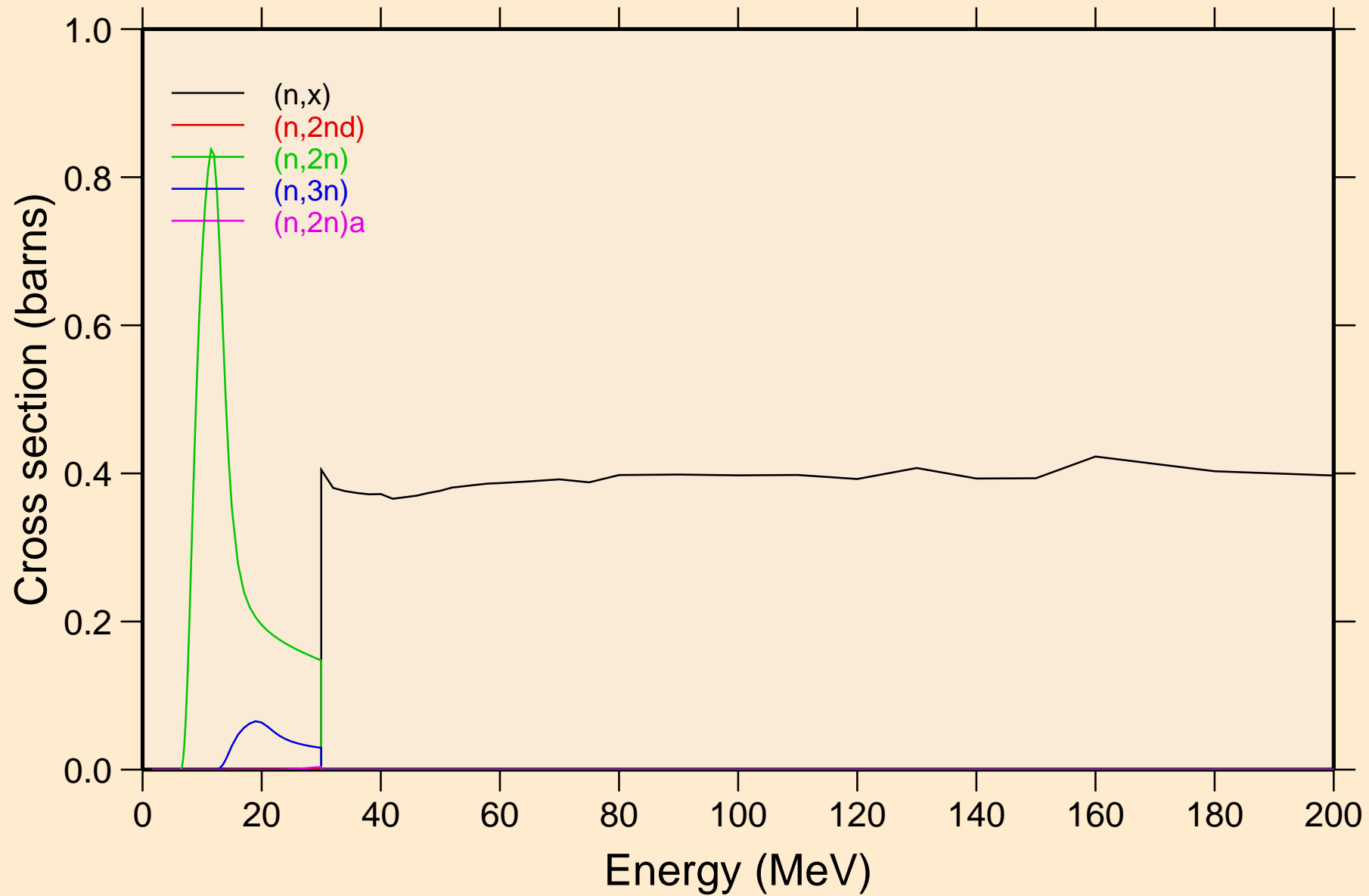


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



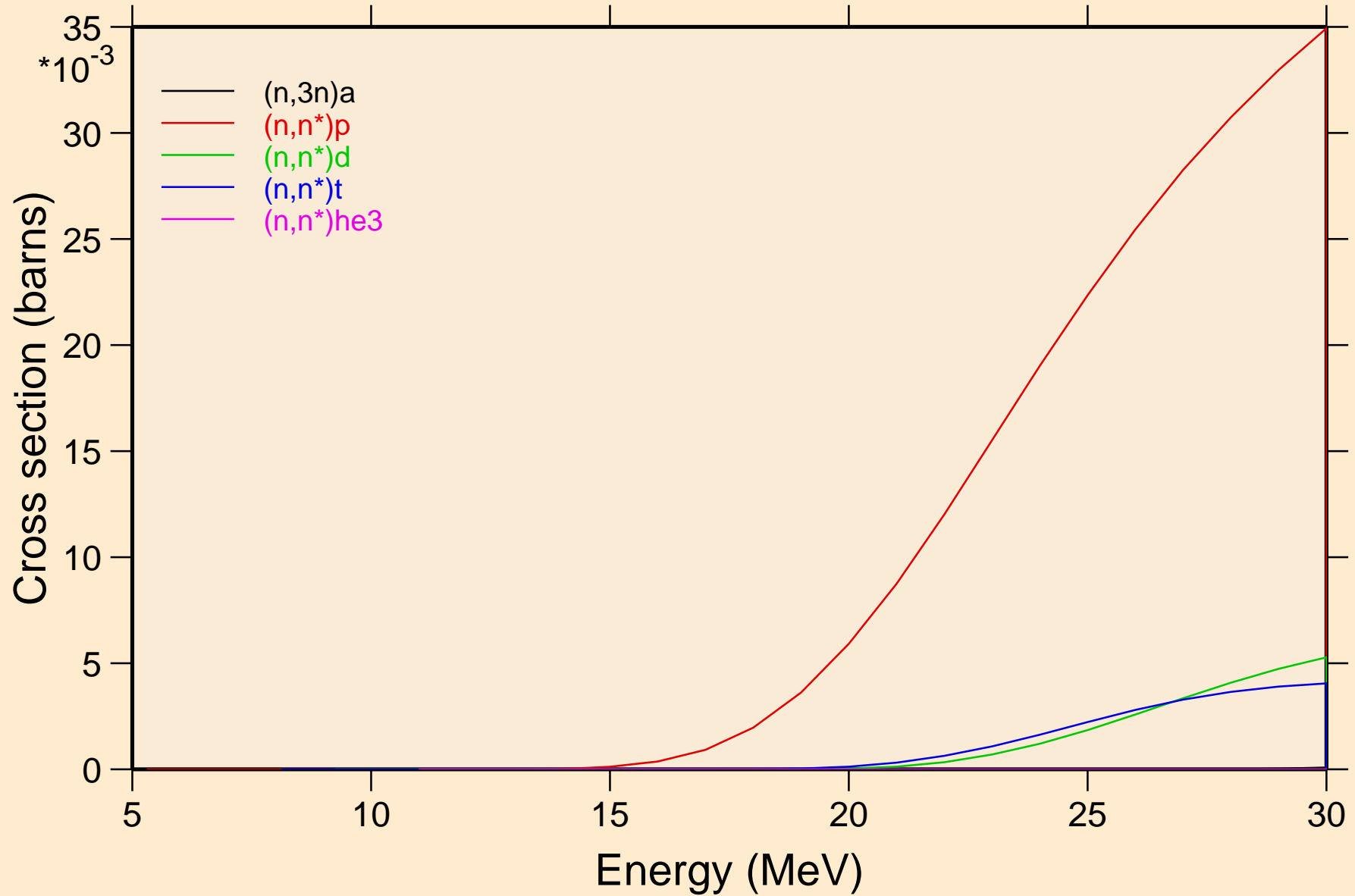
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

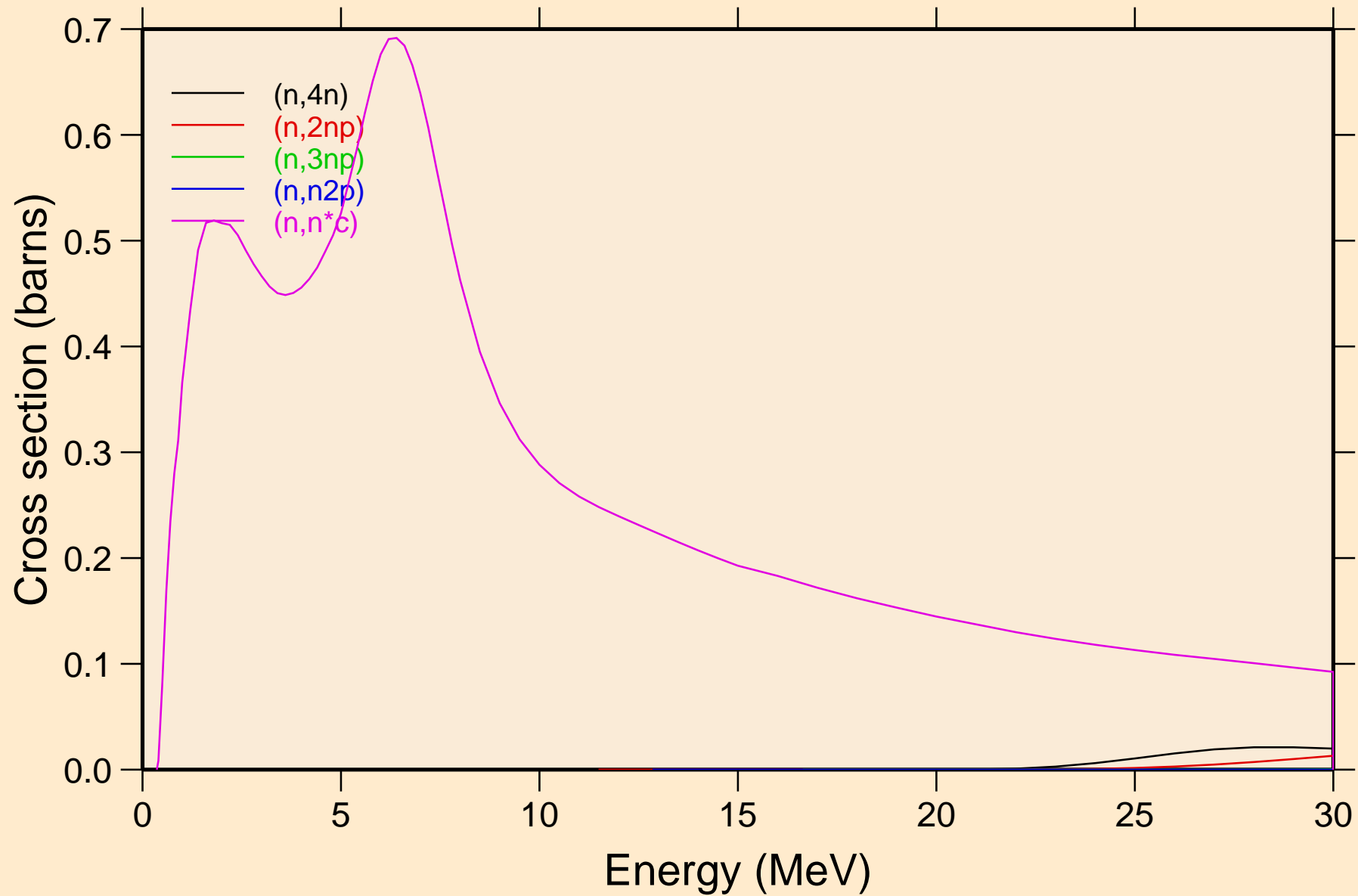


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

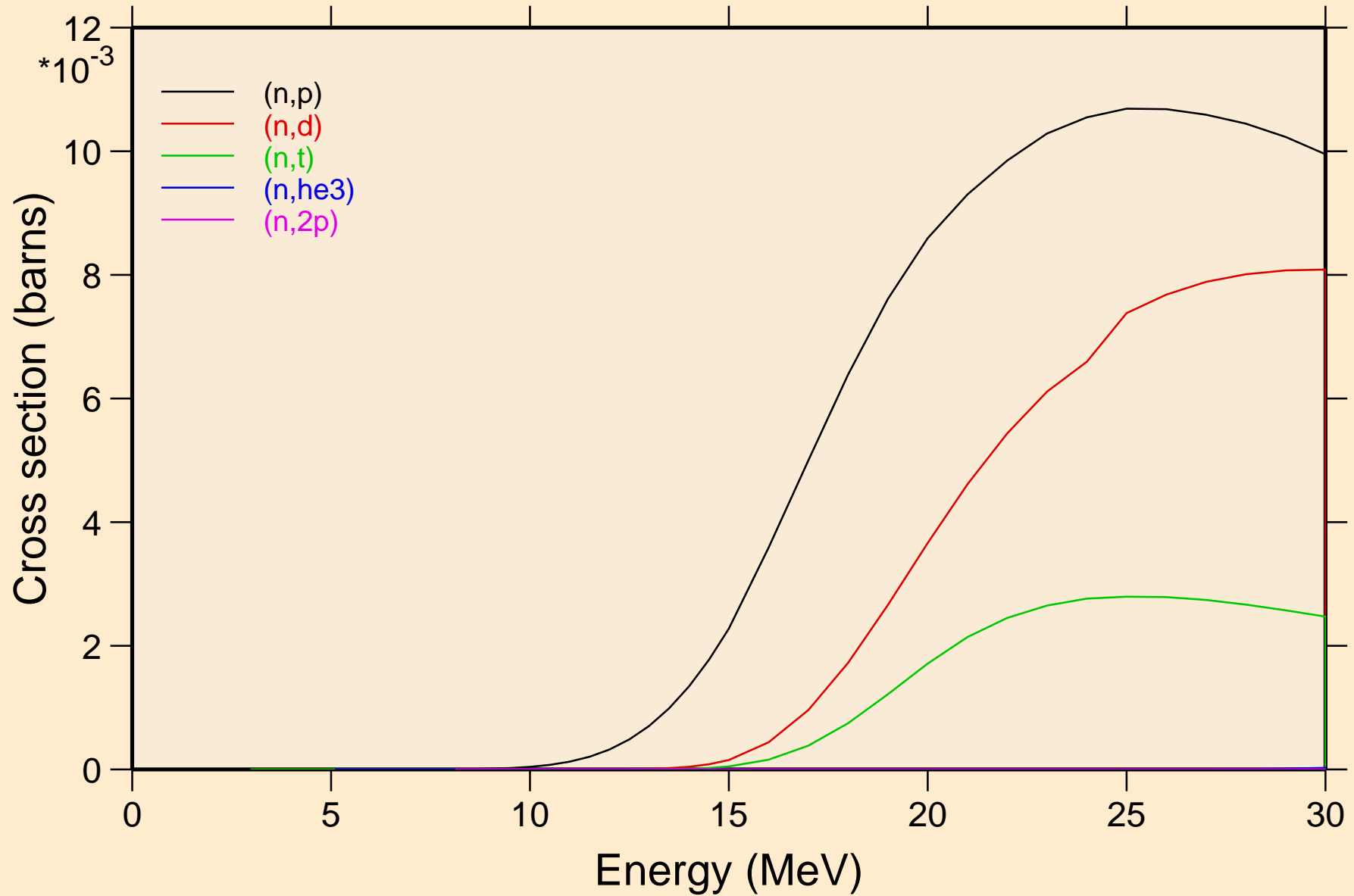
Threshold reactions



NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

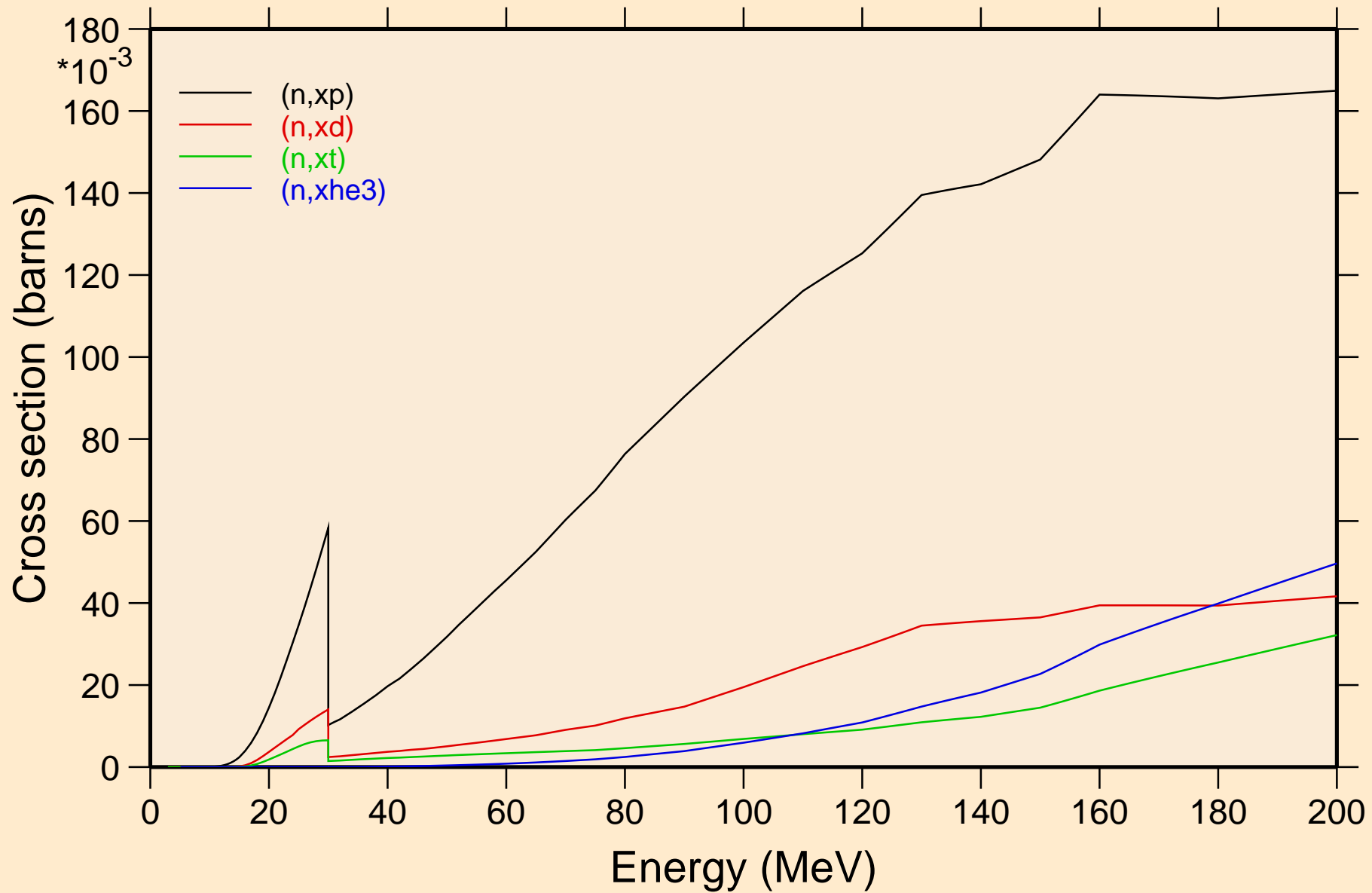


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

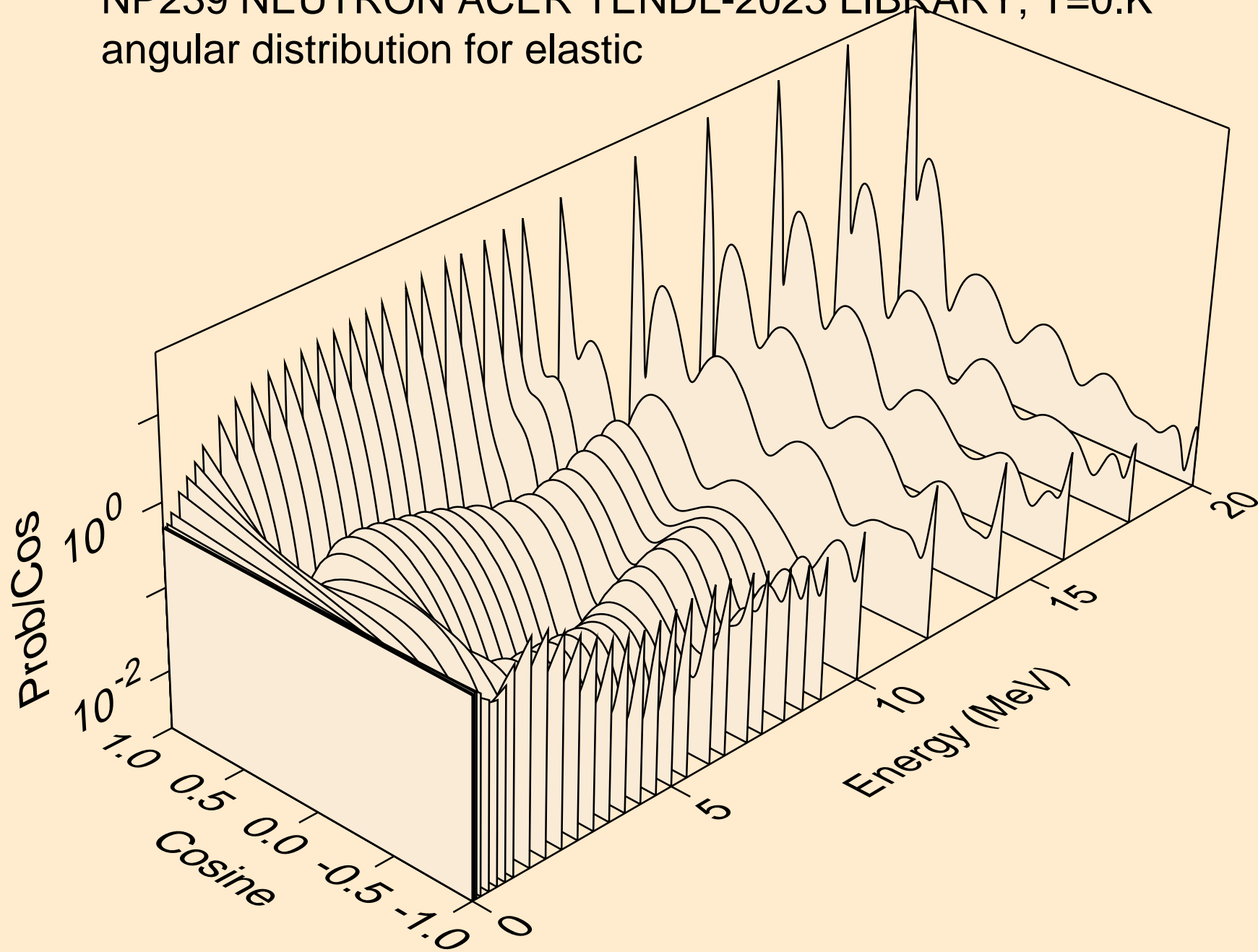


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

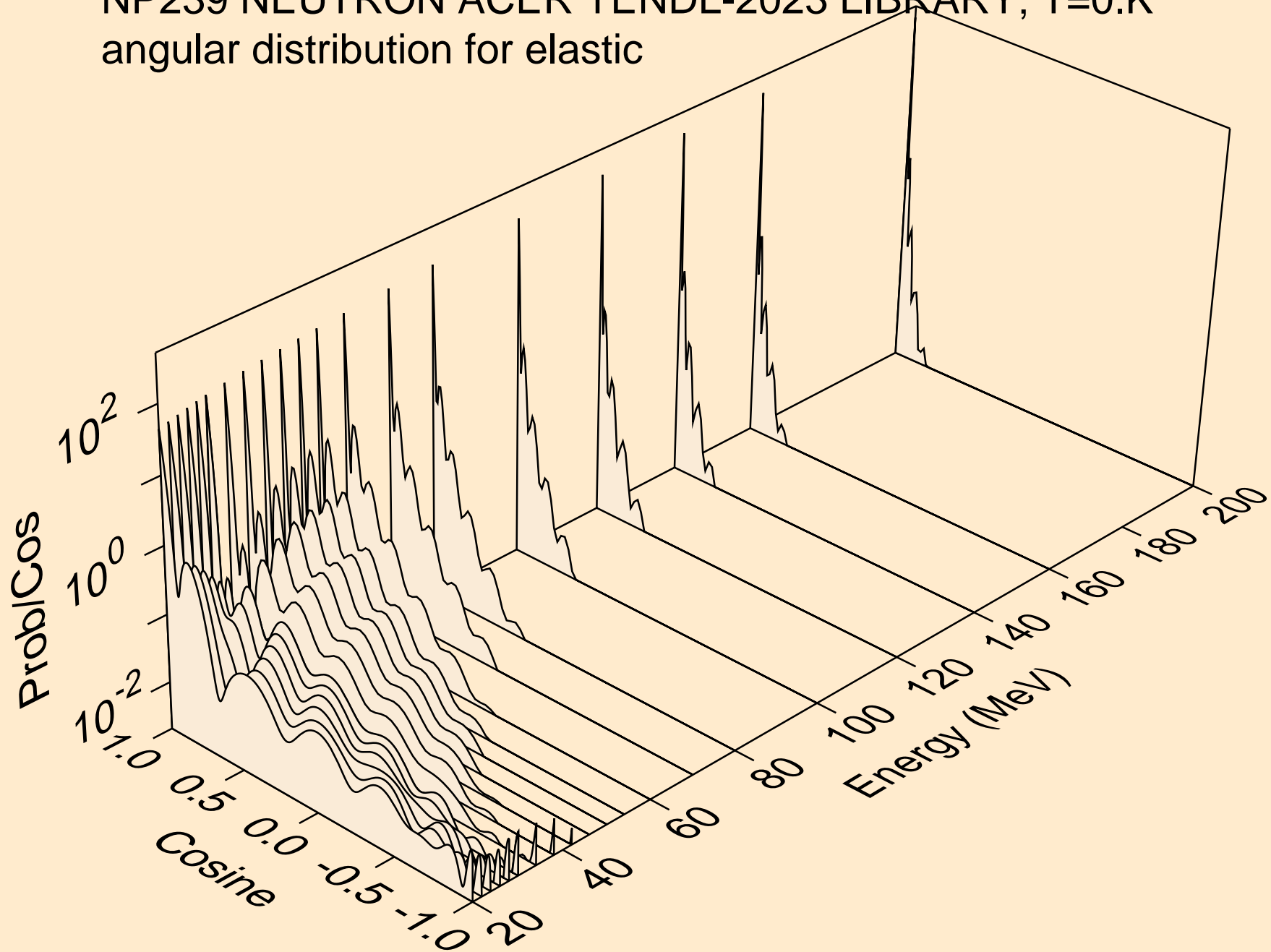
Threshold reactions



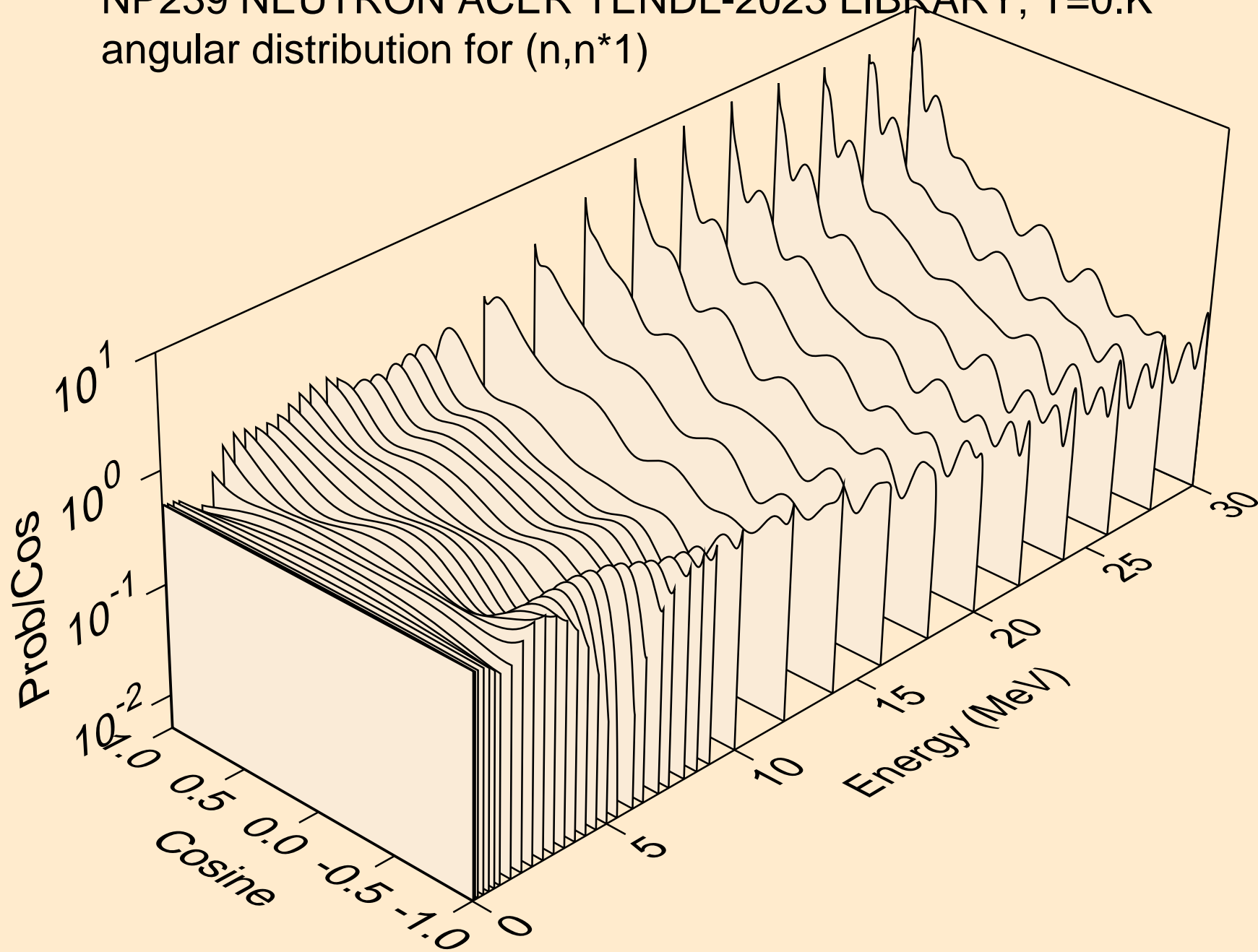
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



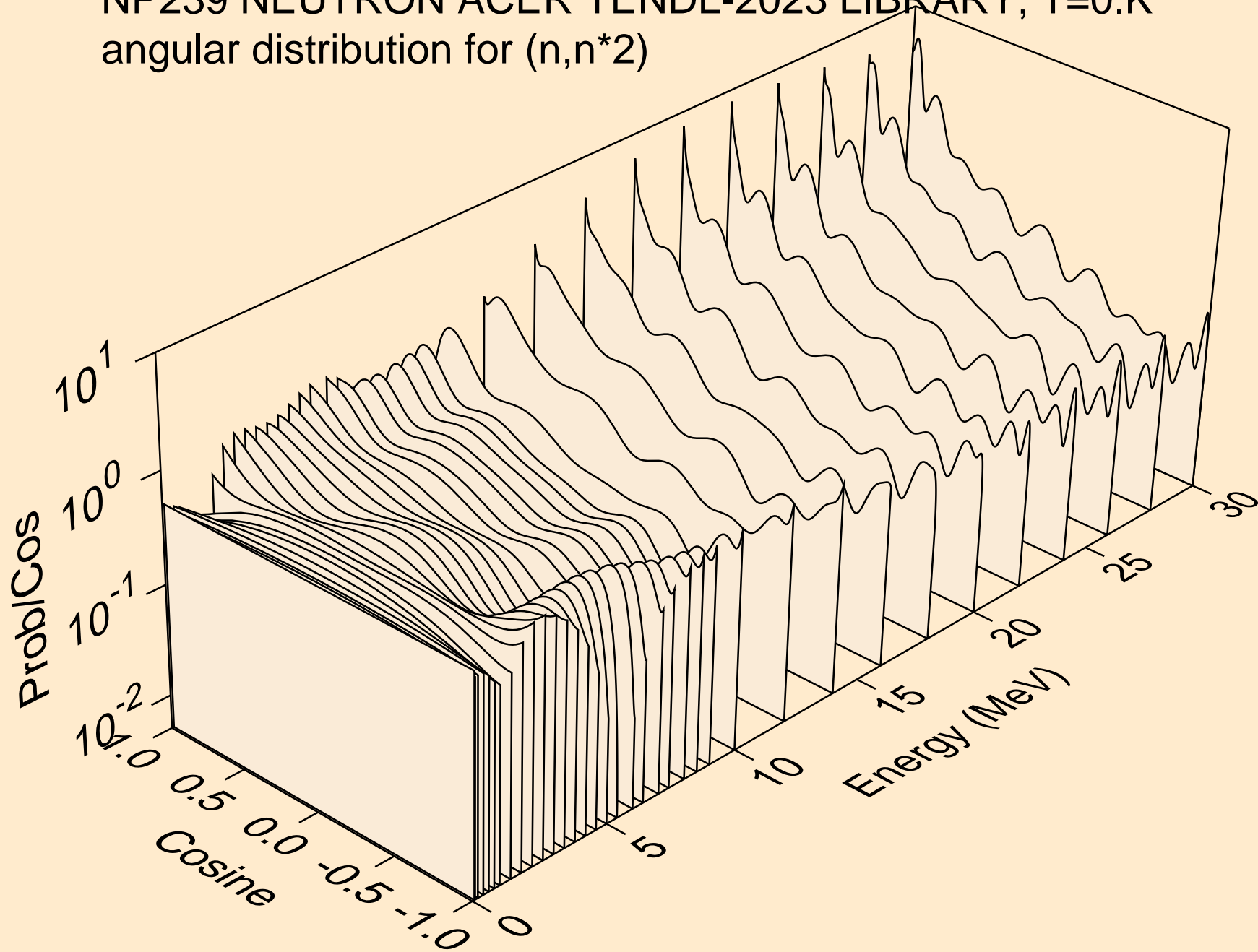
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



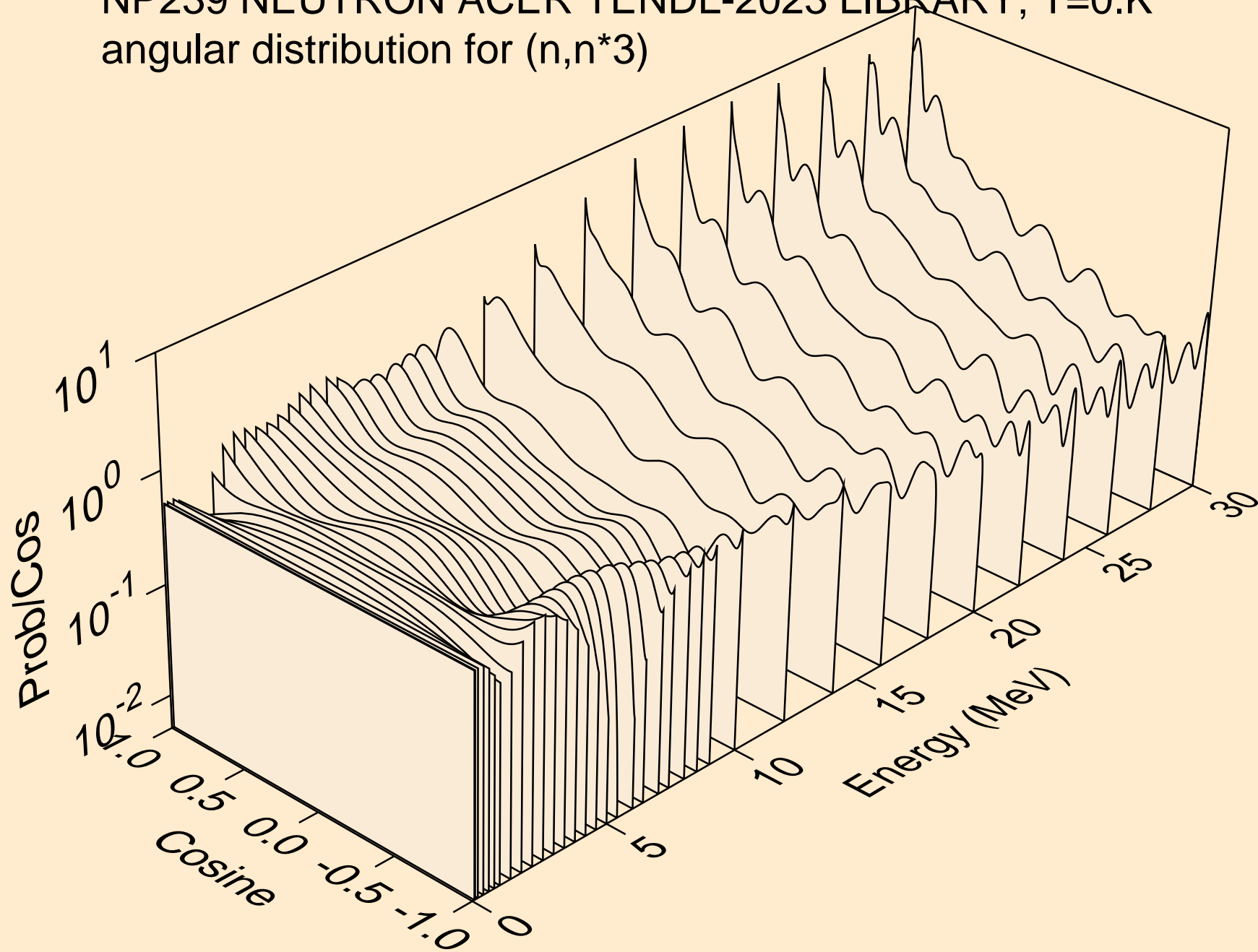
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



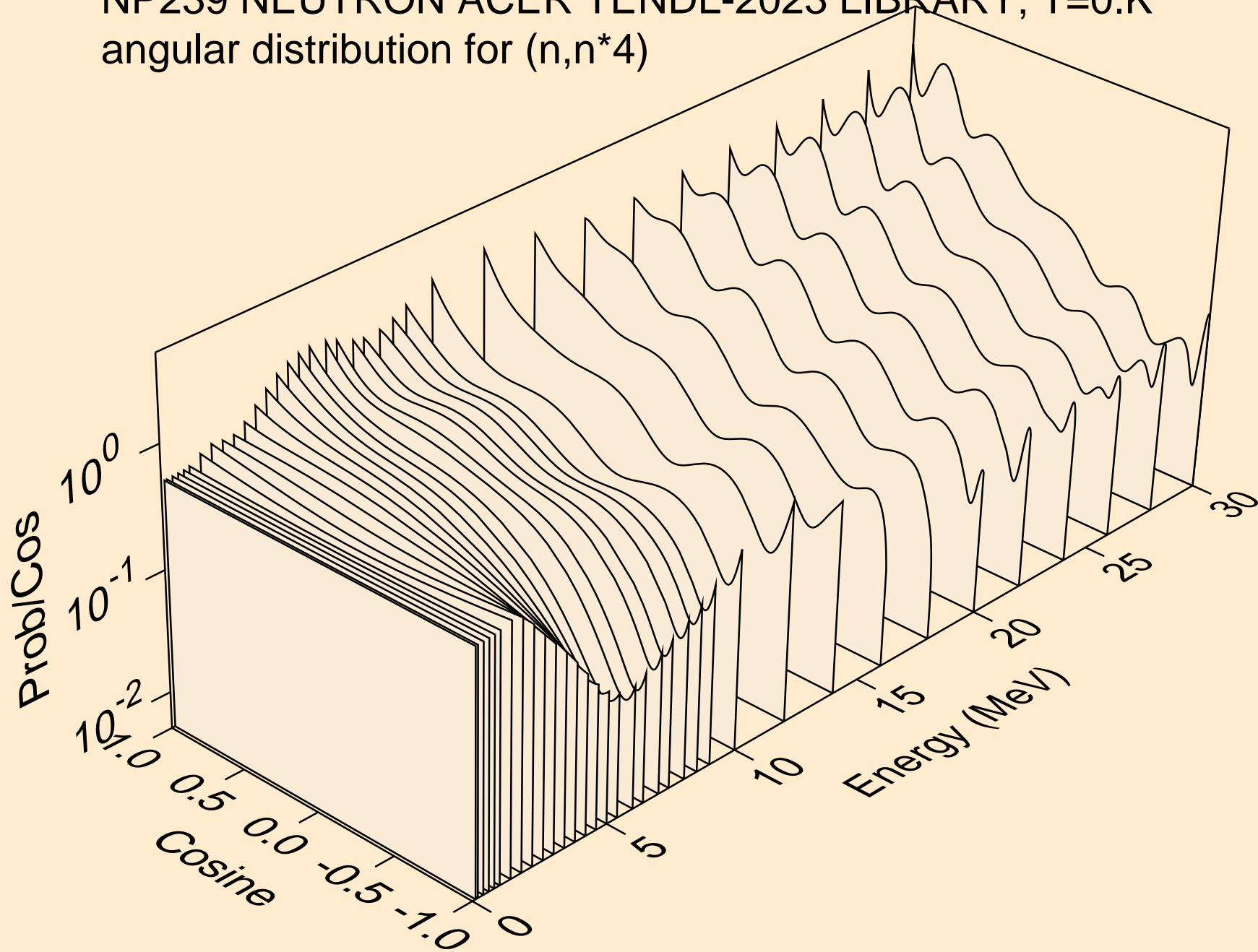
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



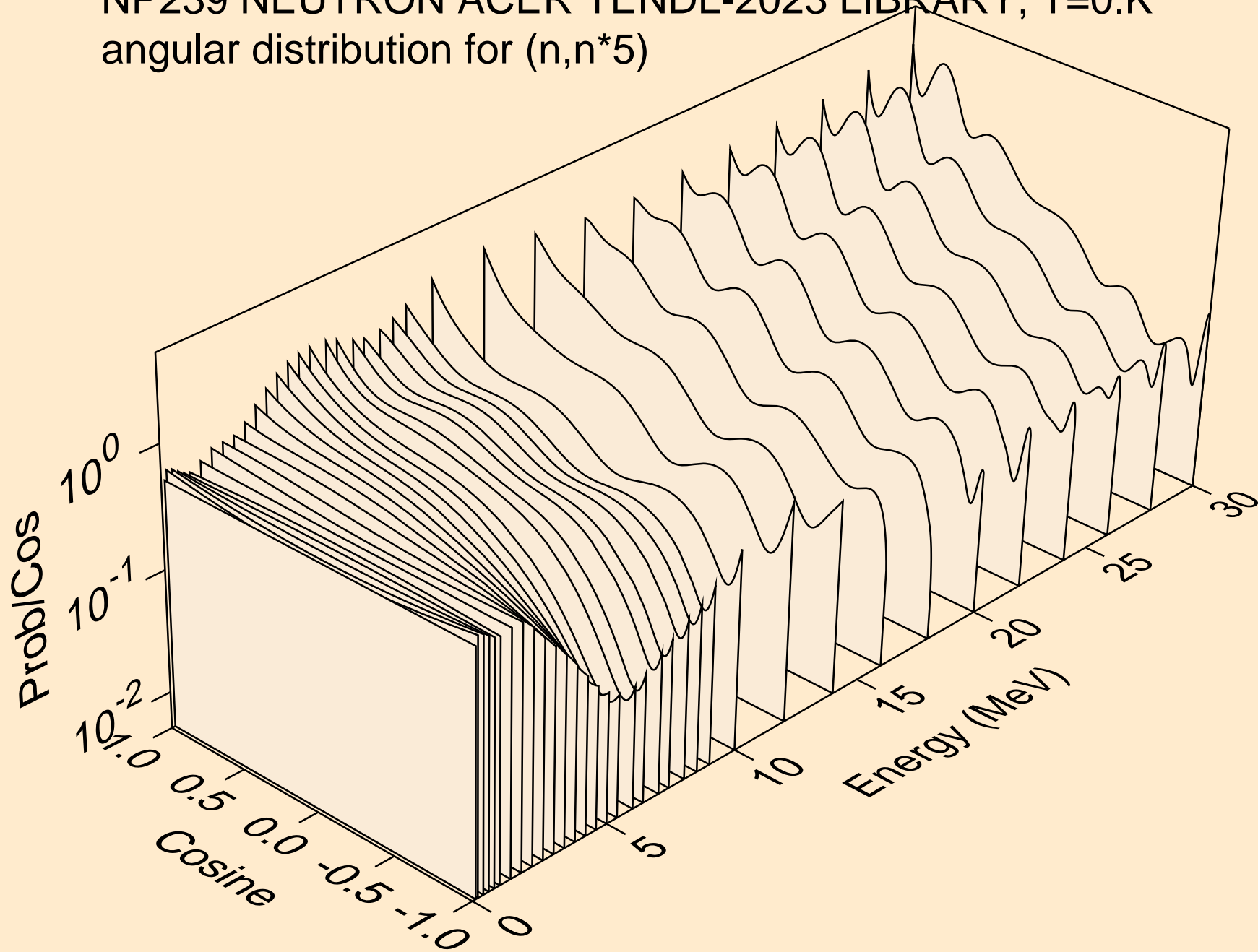
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



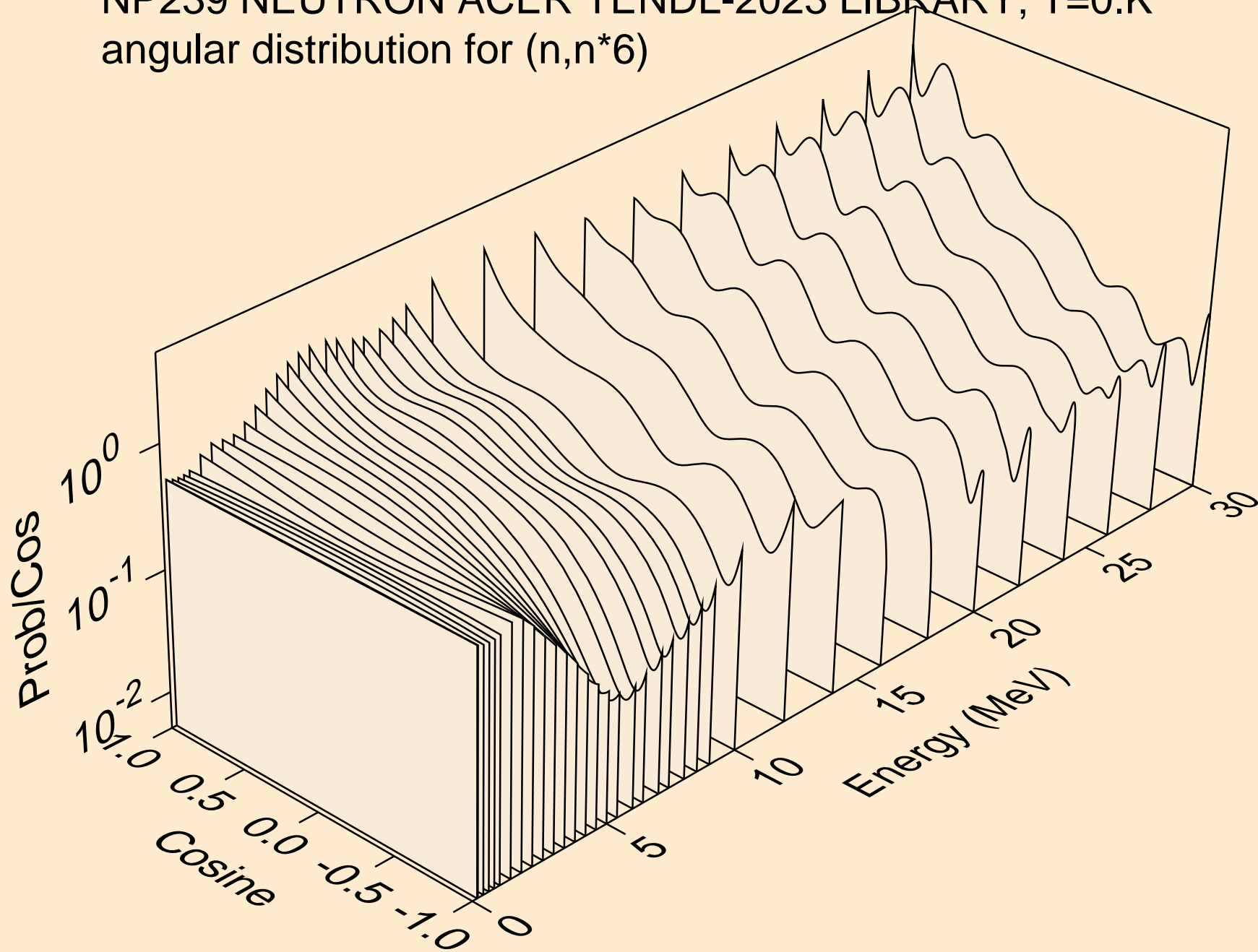
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



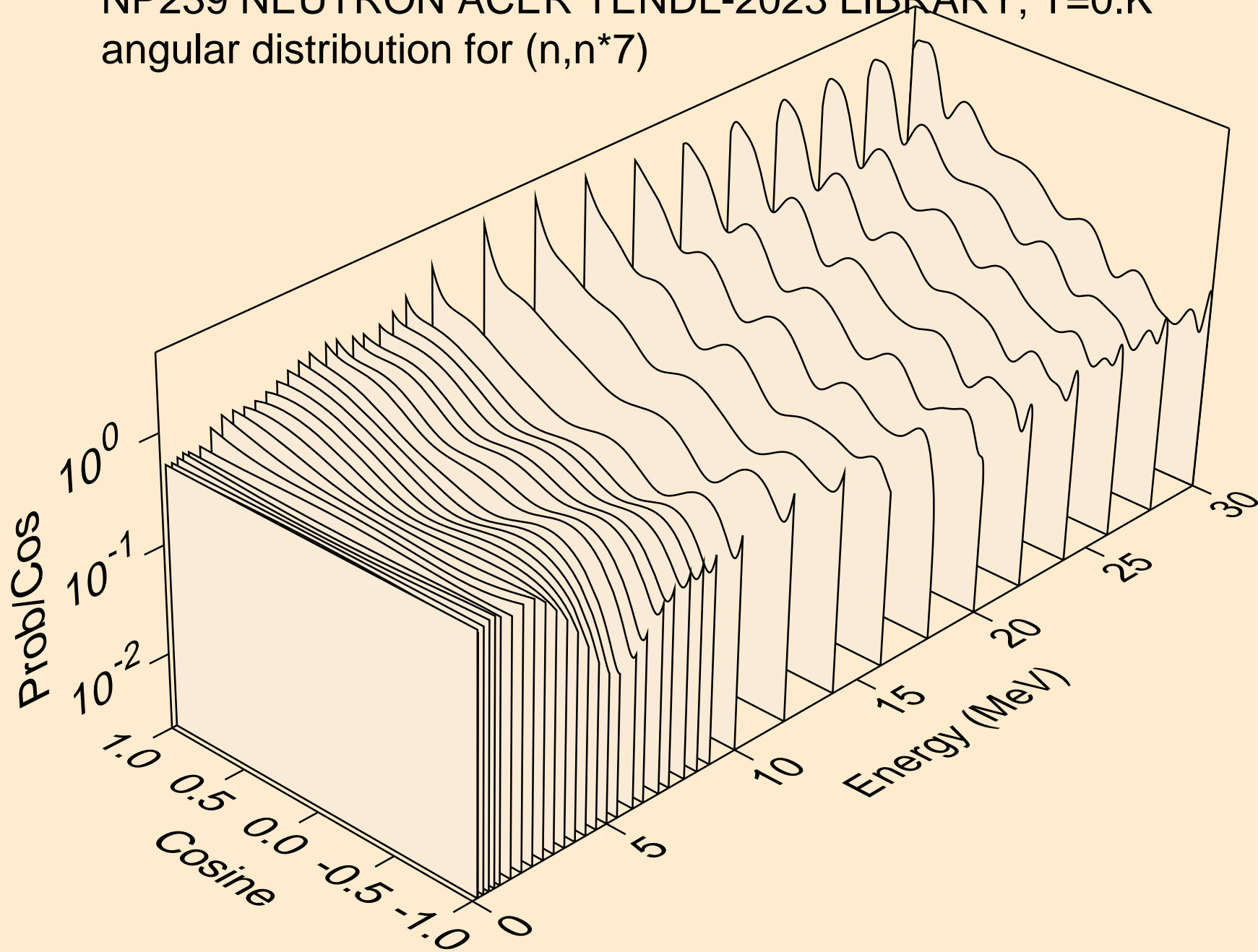
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



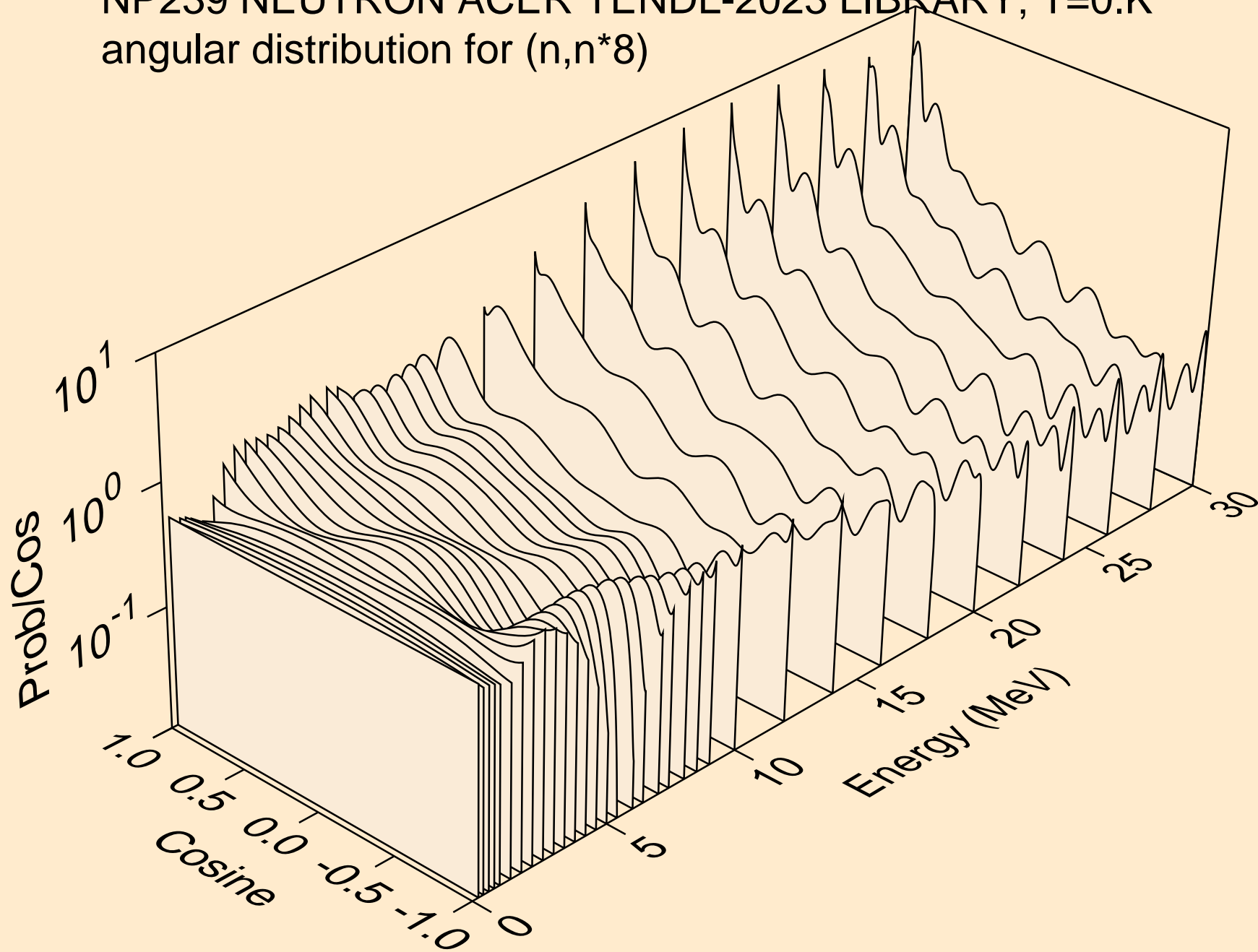
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



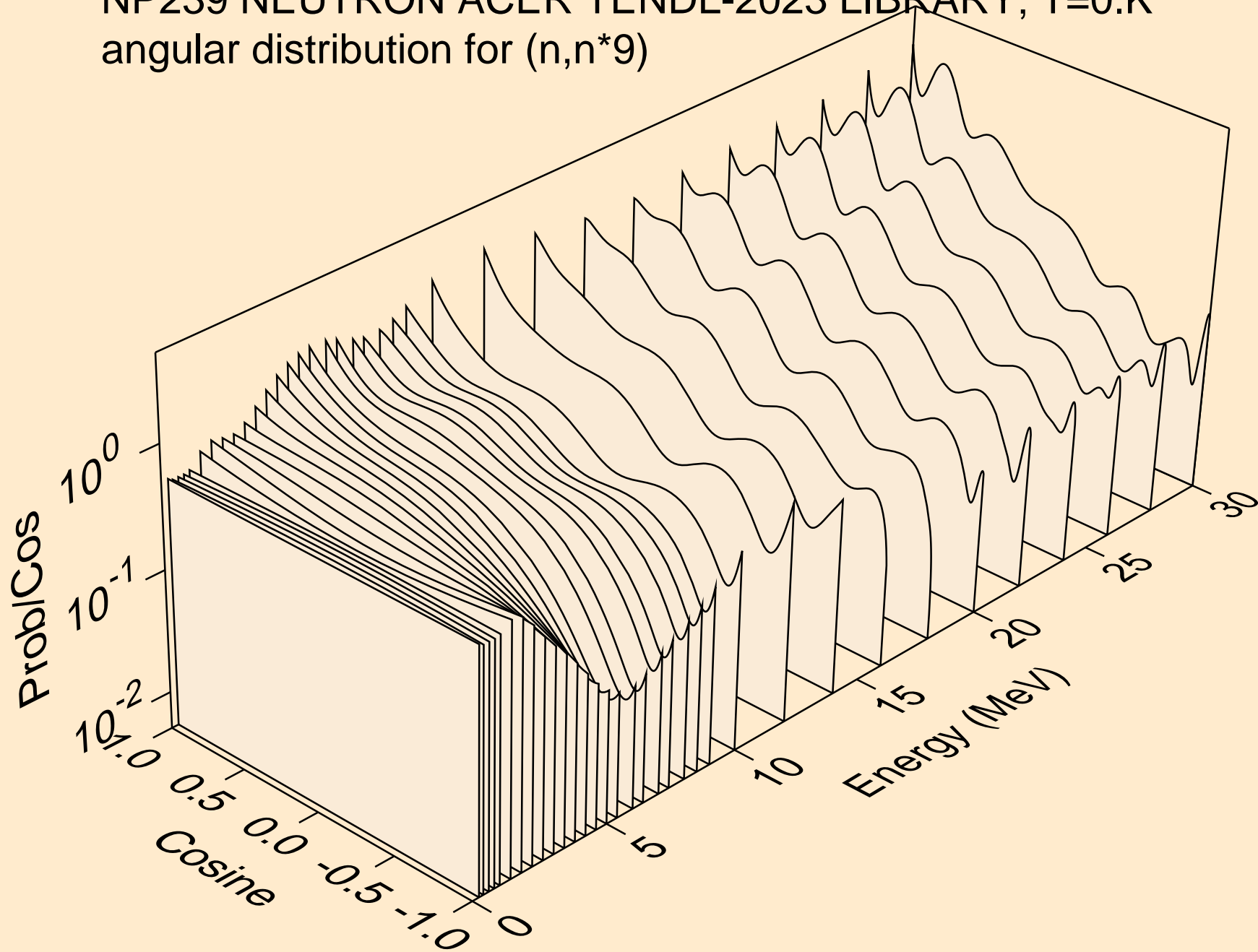
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



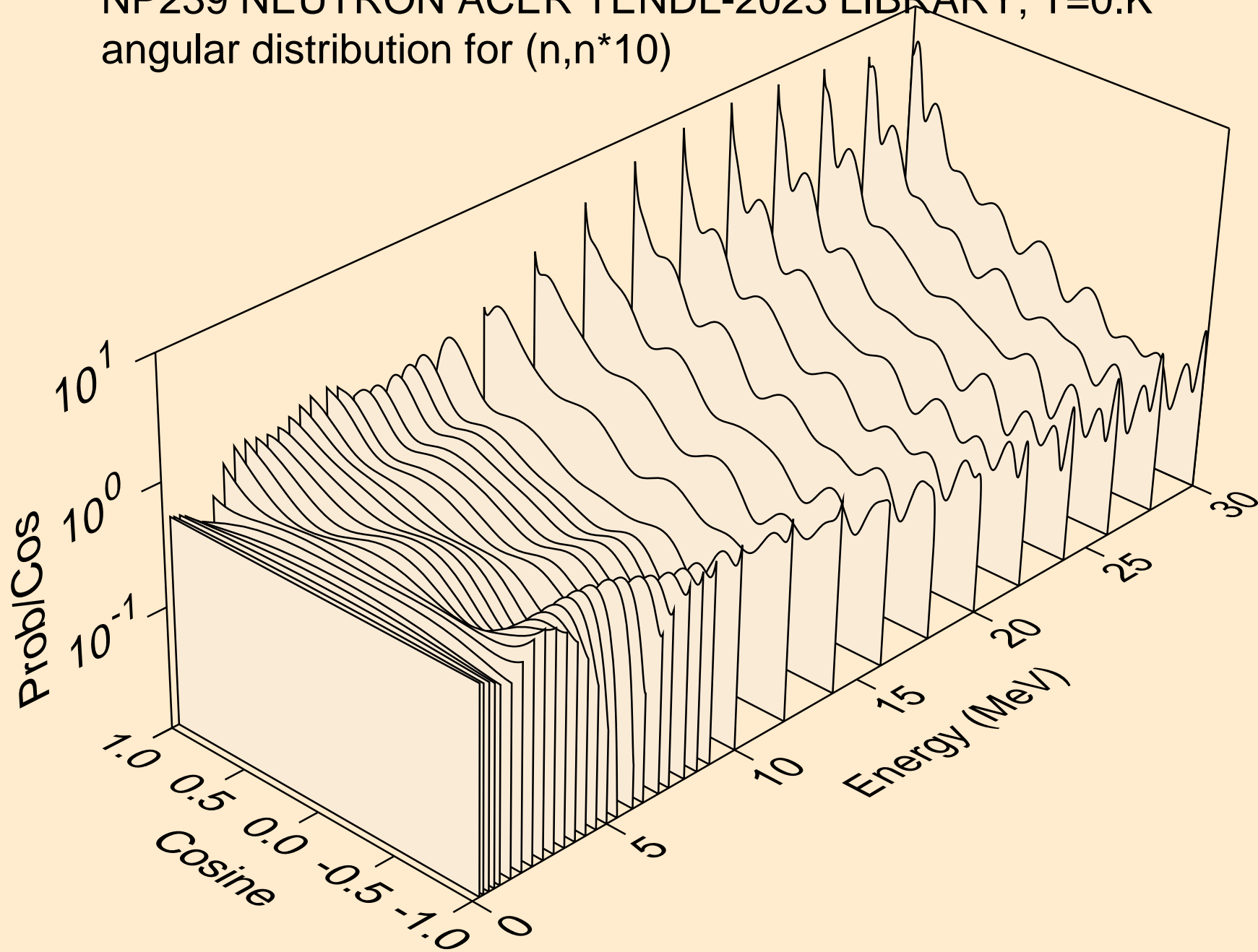
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



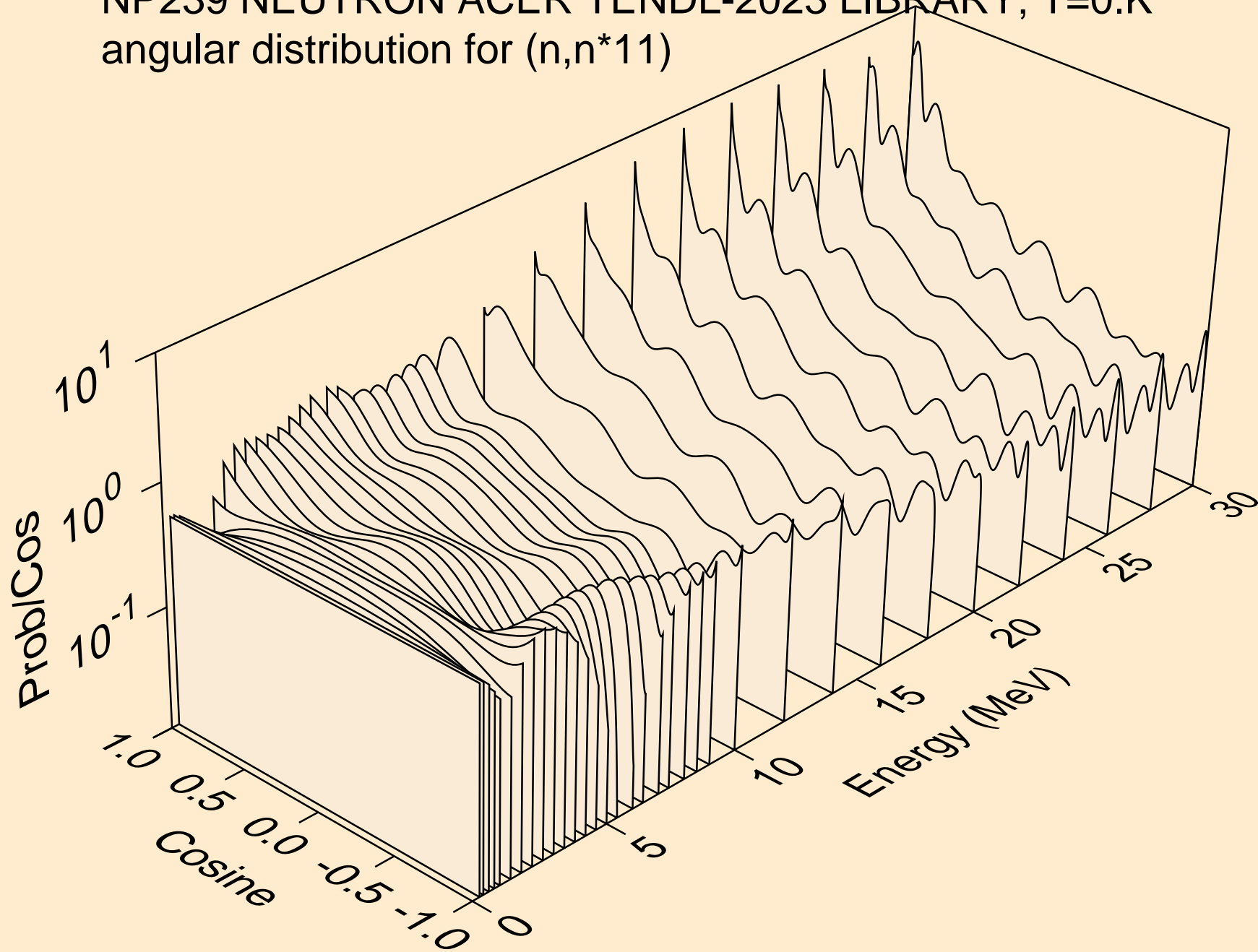
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



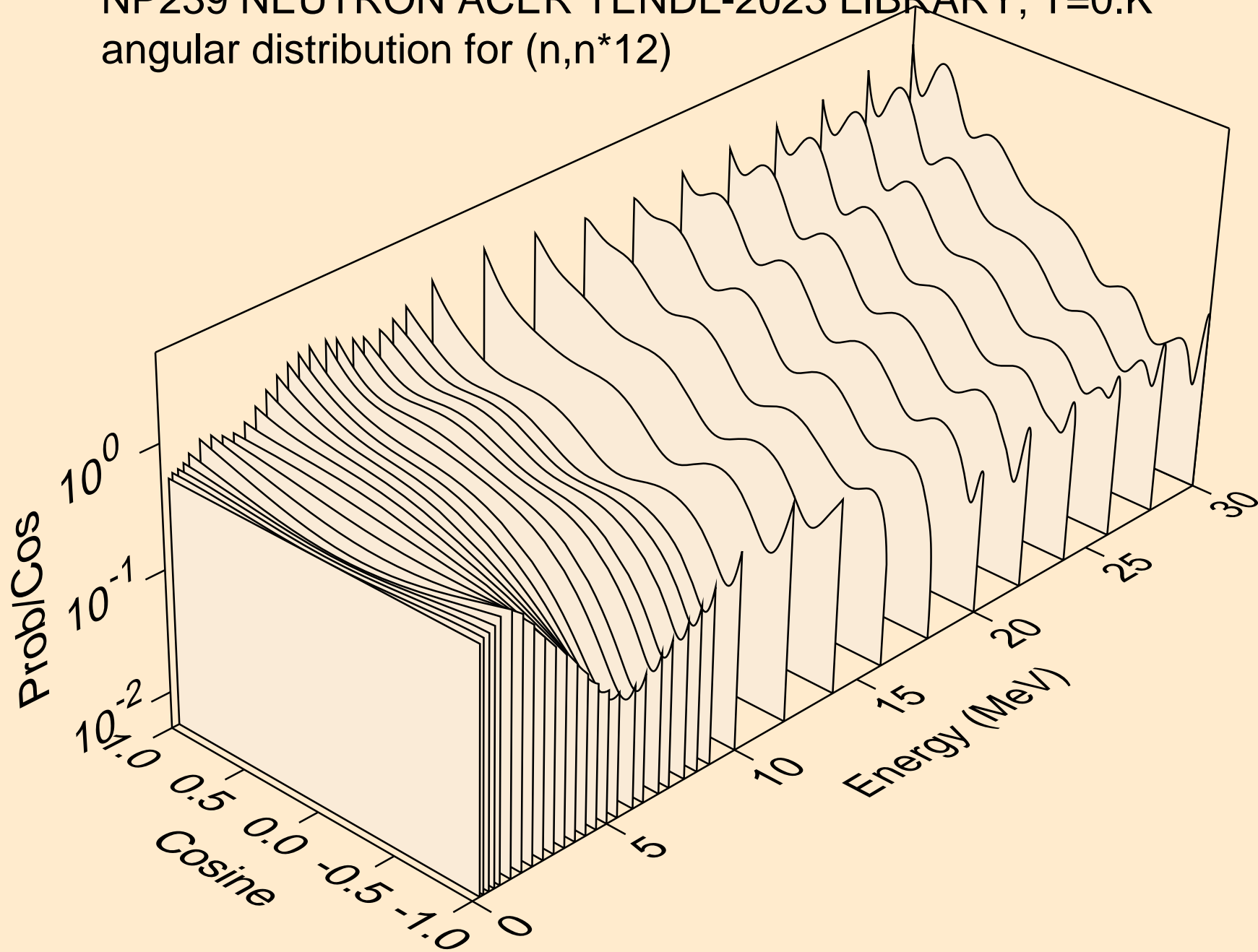
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



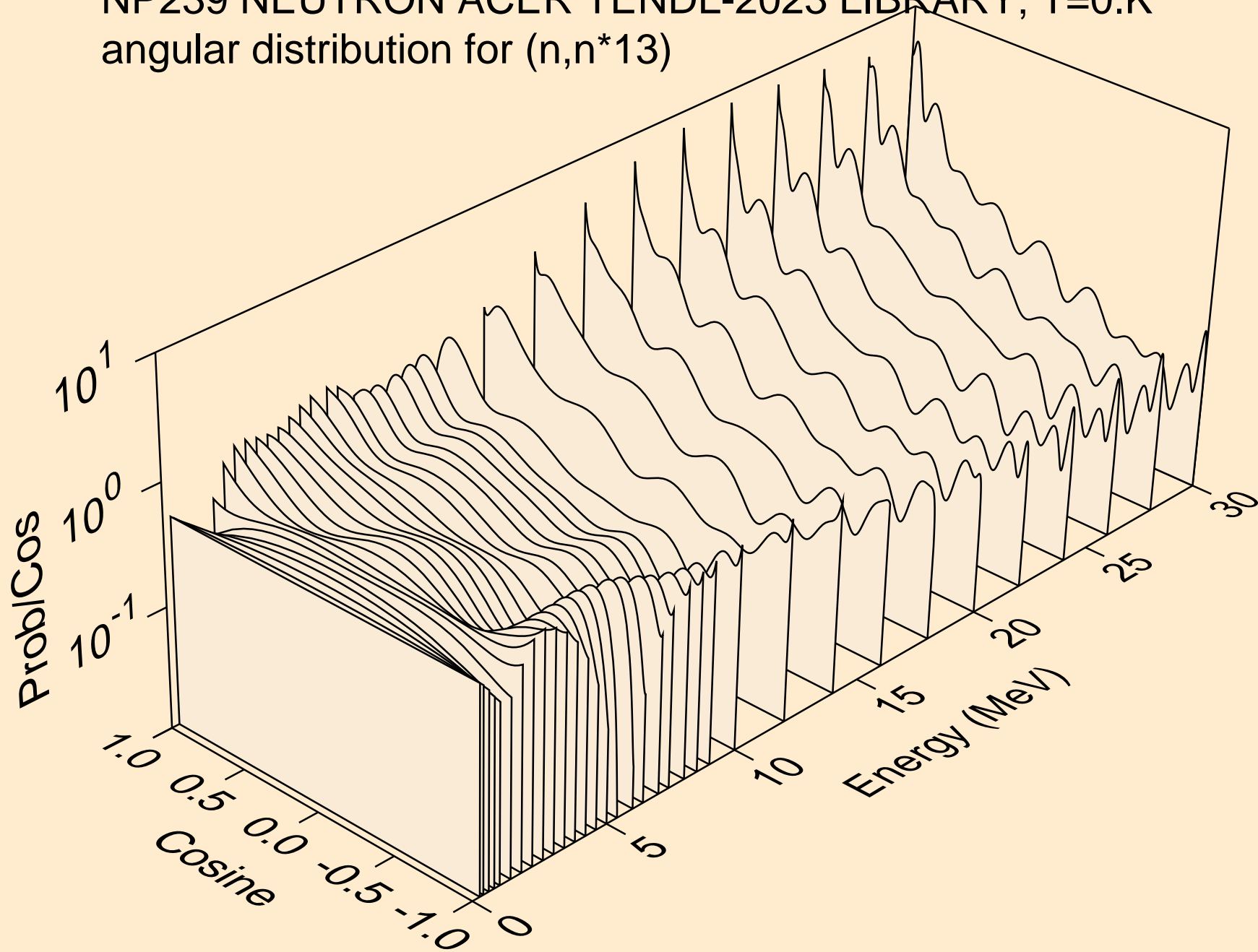
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



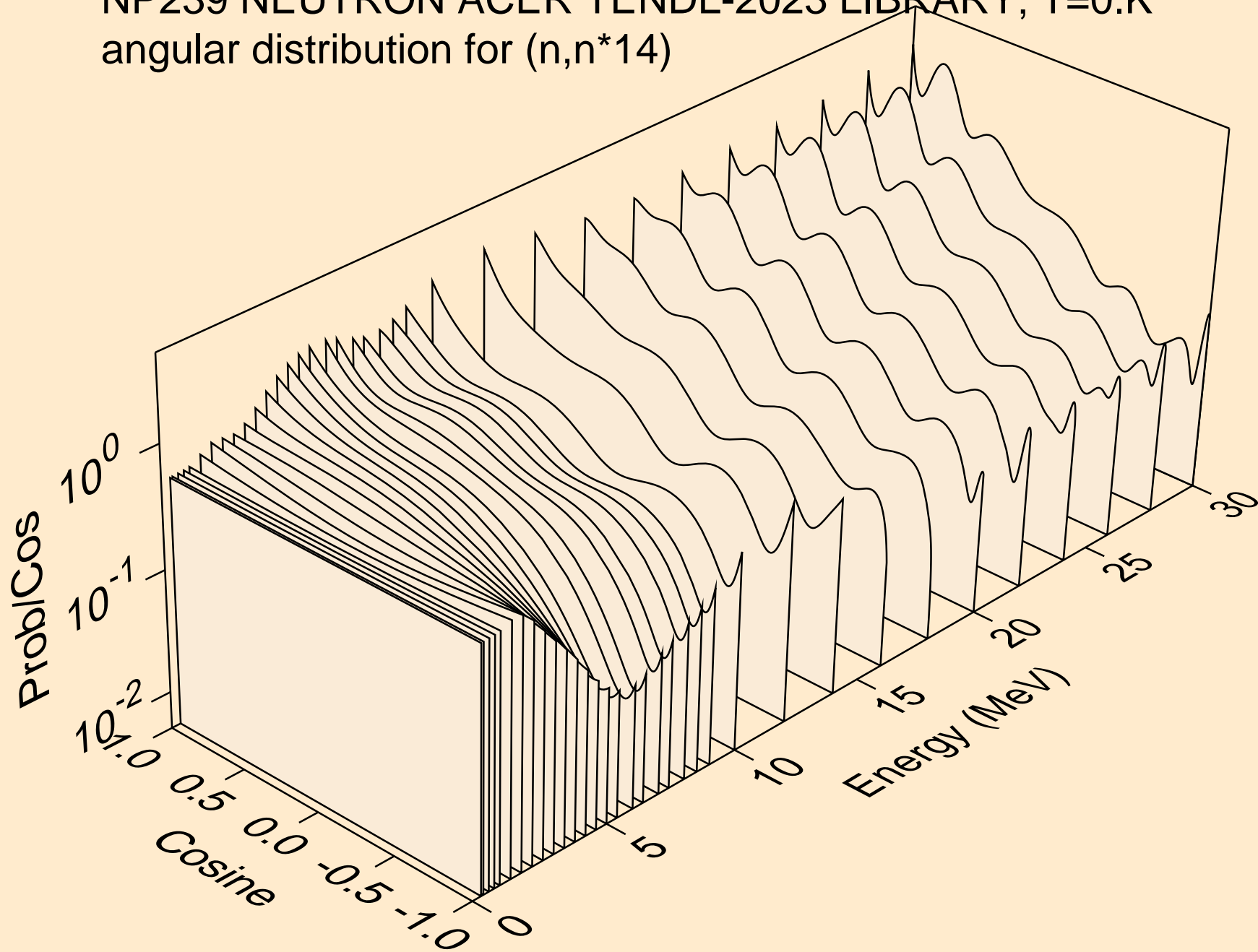
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



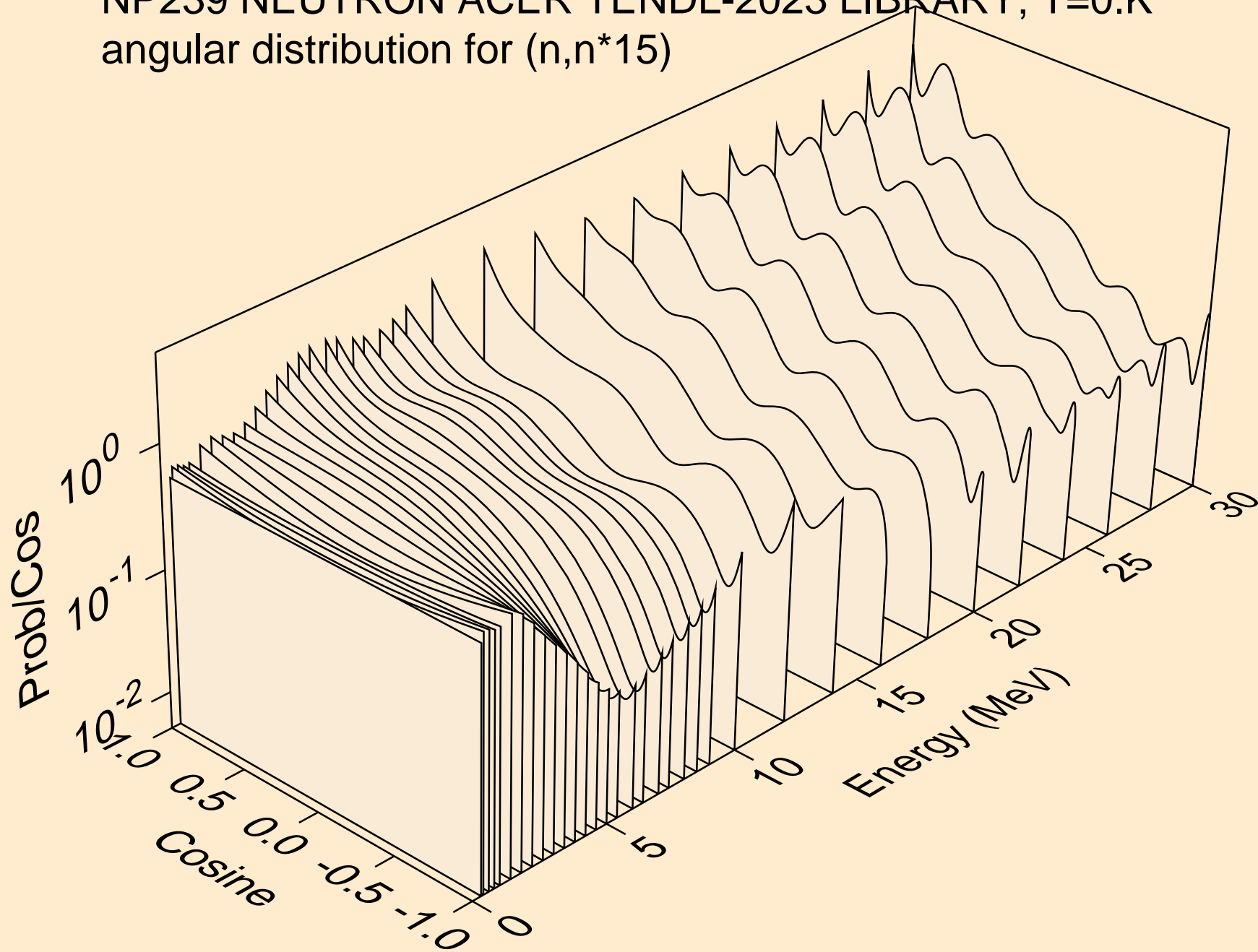
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



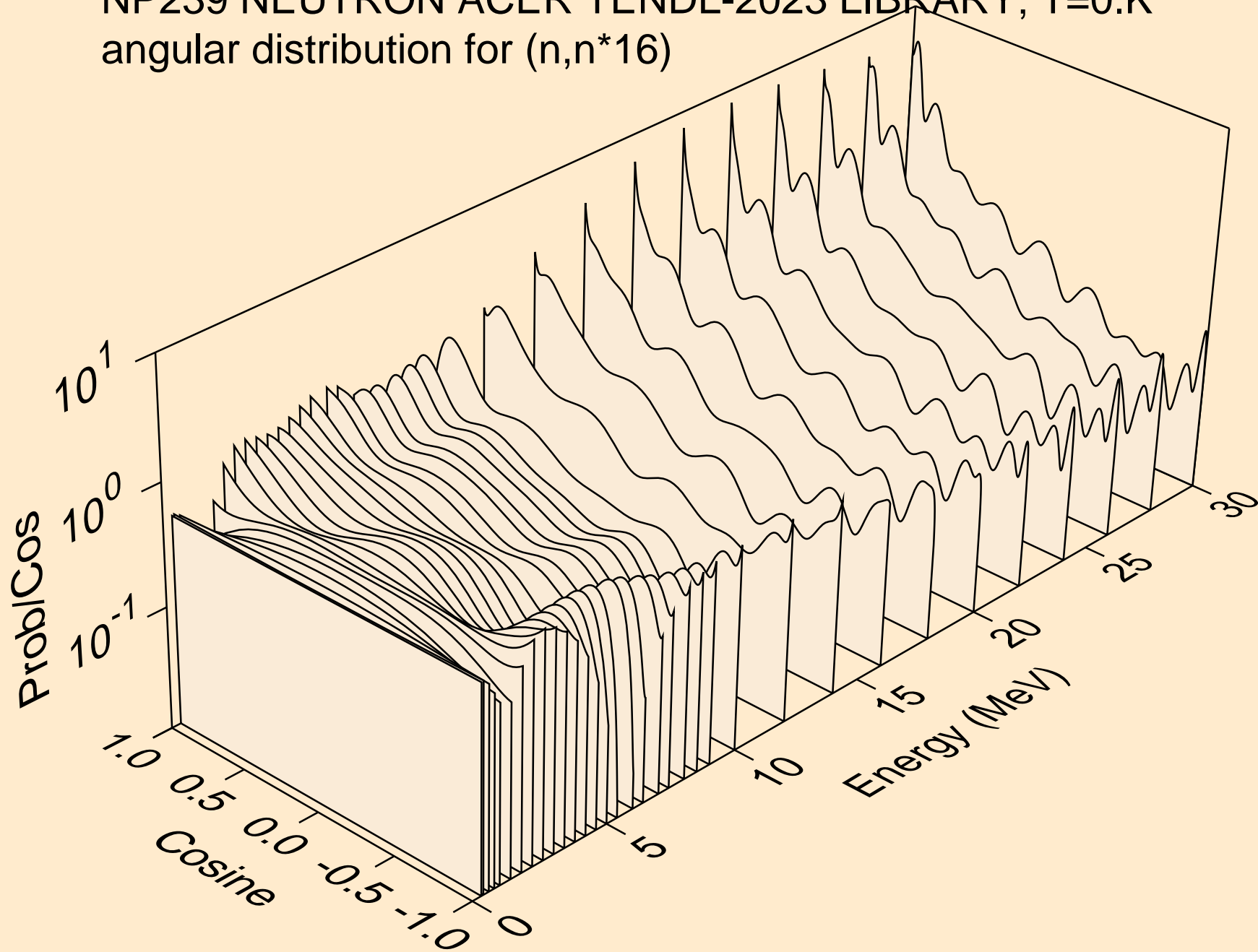
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



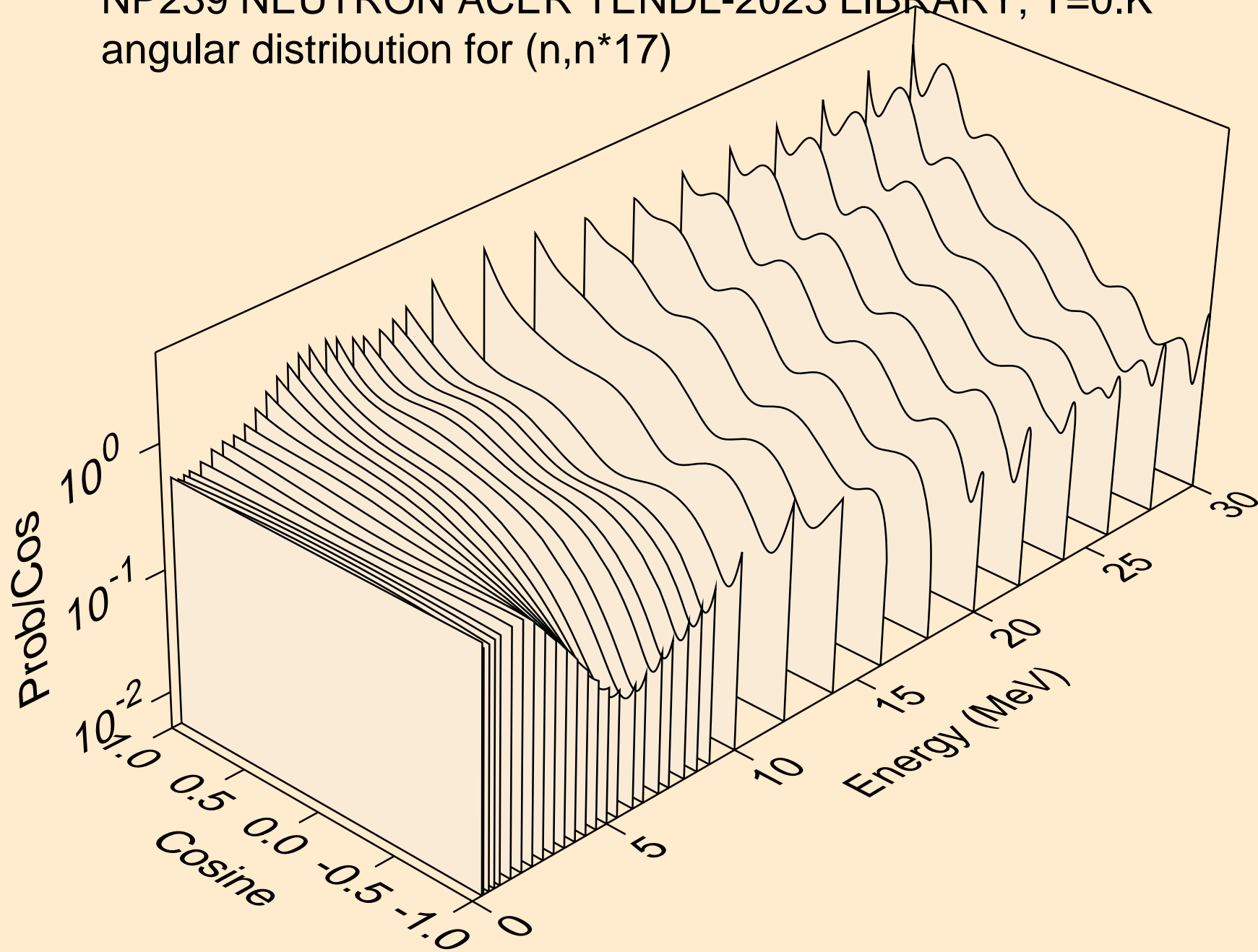
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



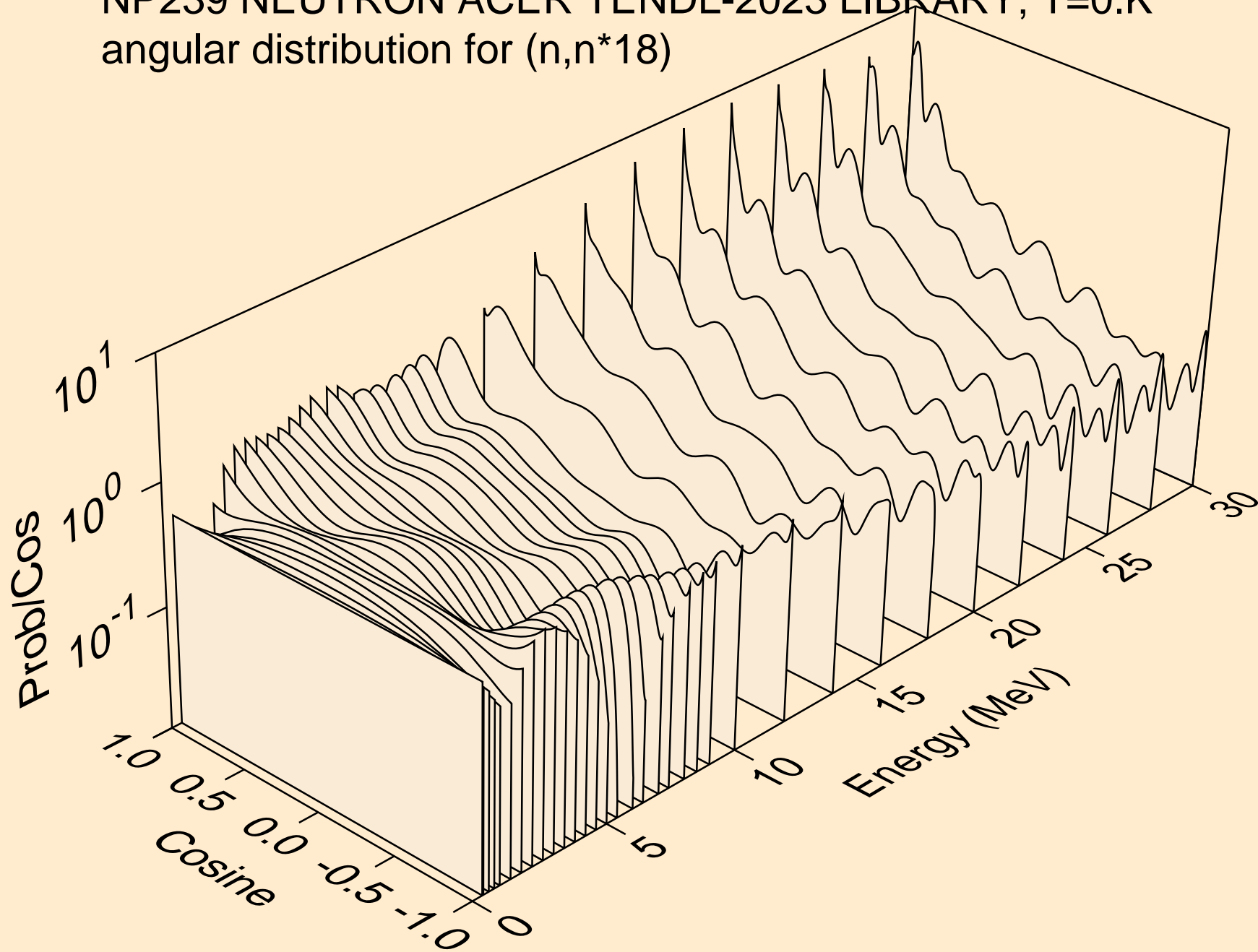
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*17)

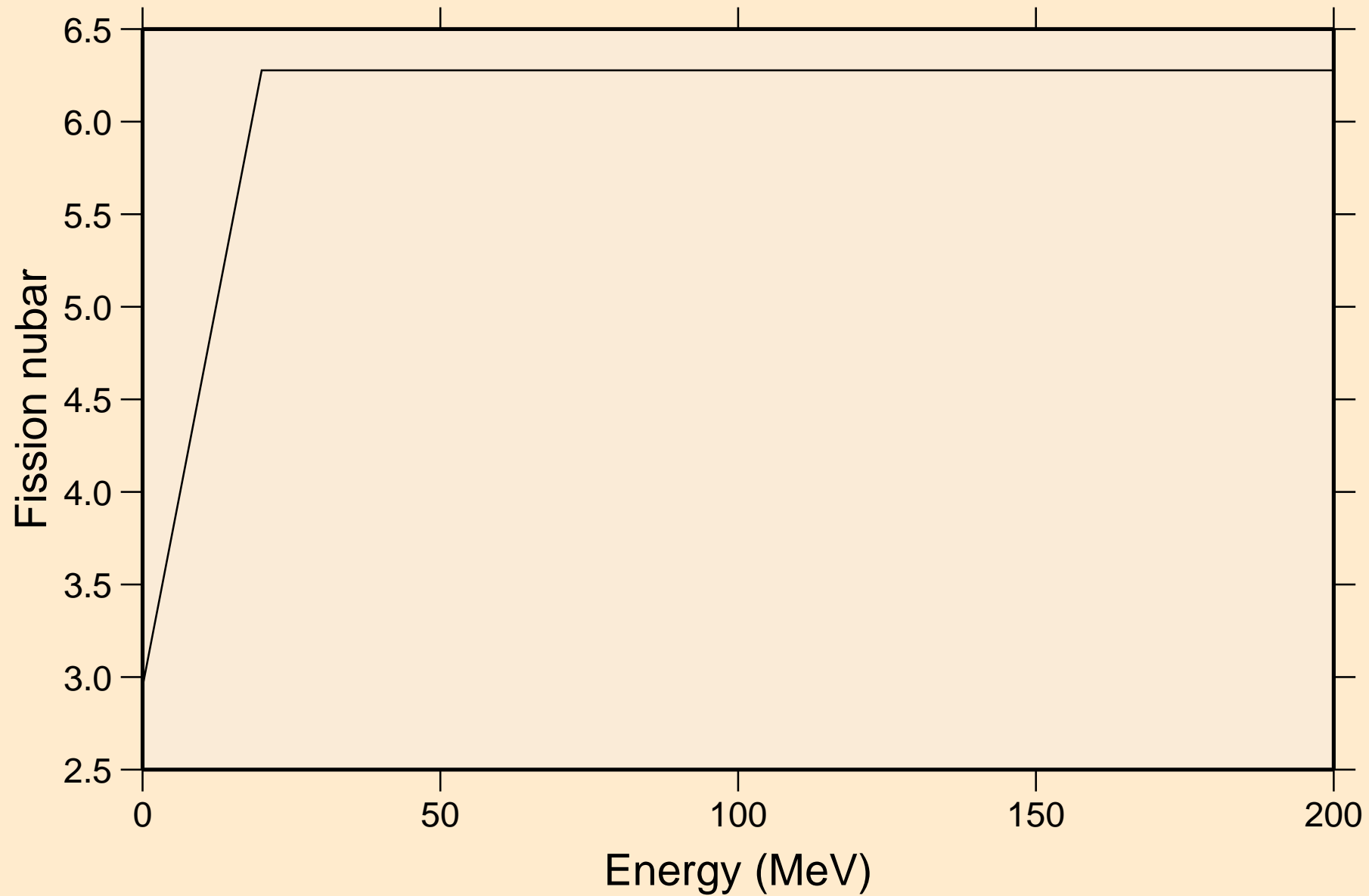


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*18)

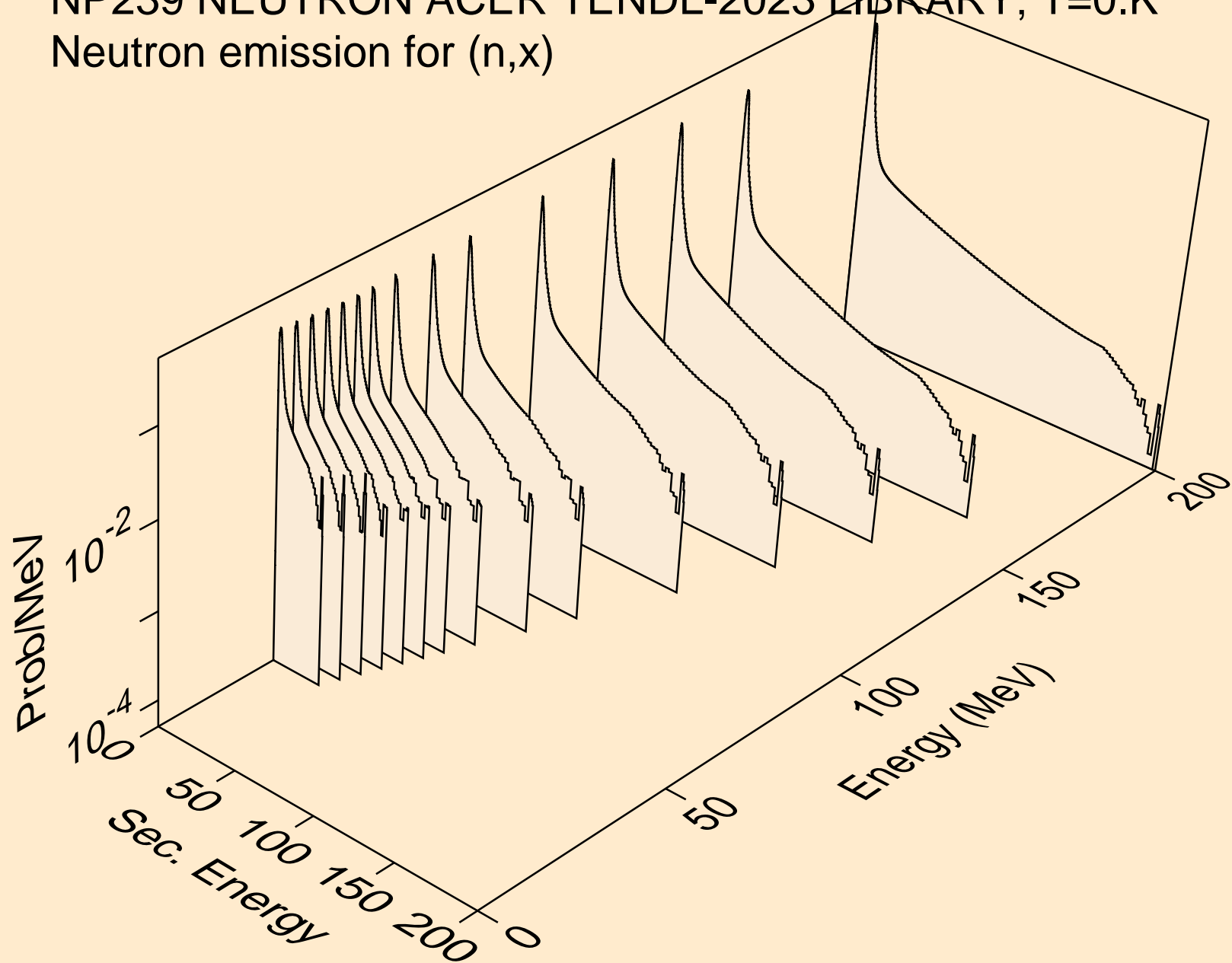


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

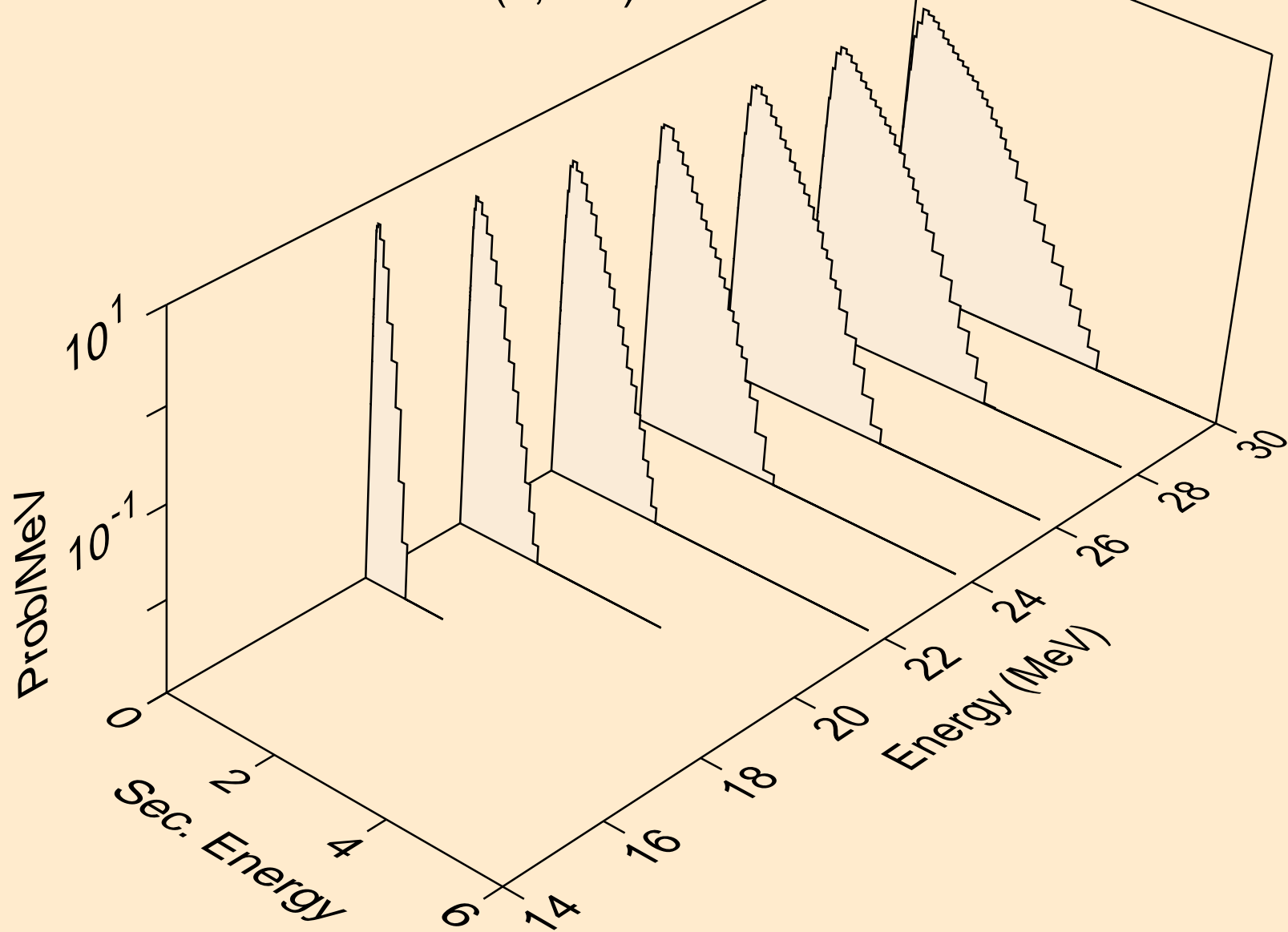
Total fission nubar



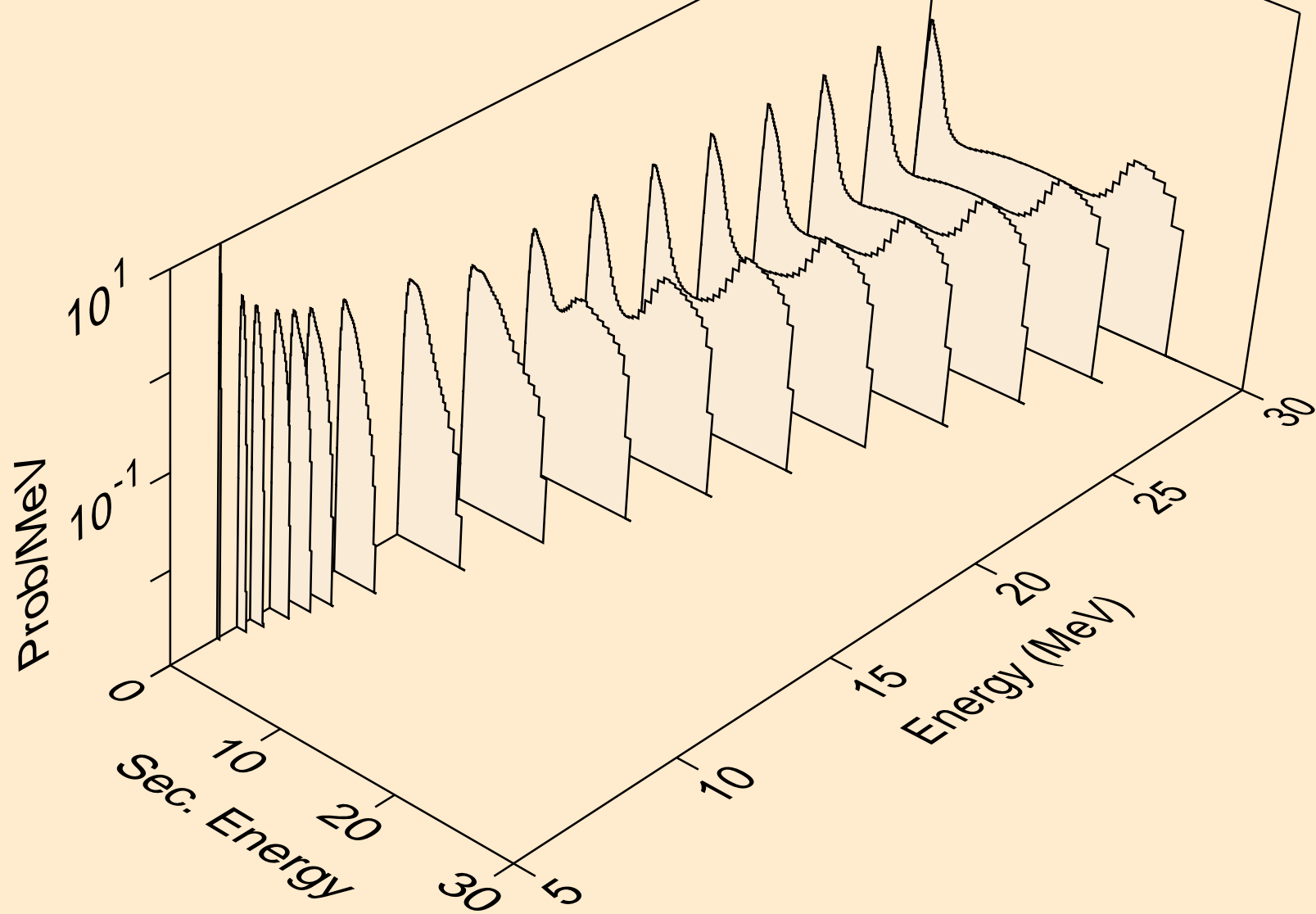
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



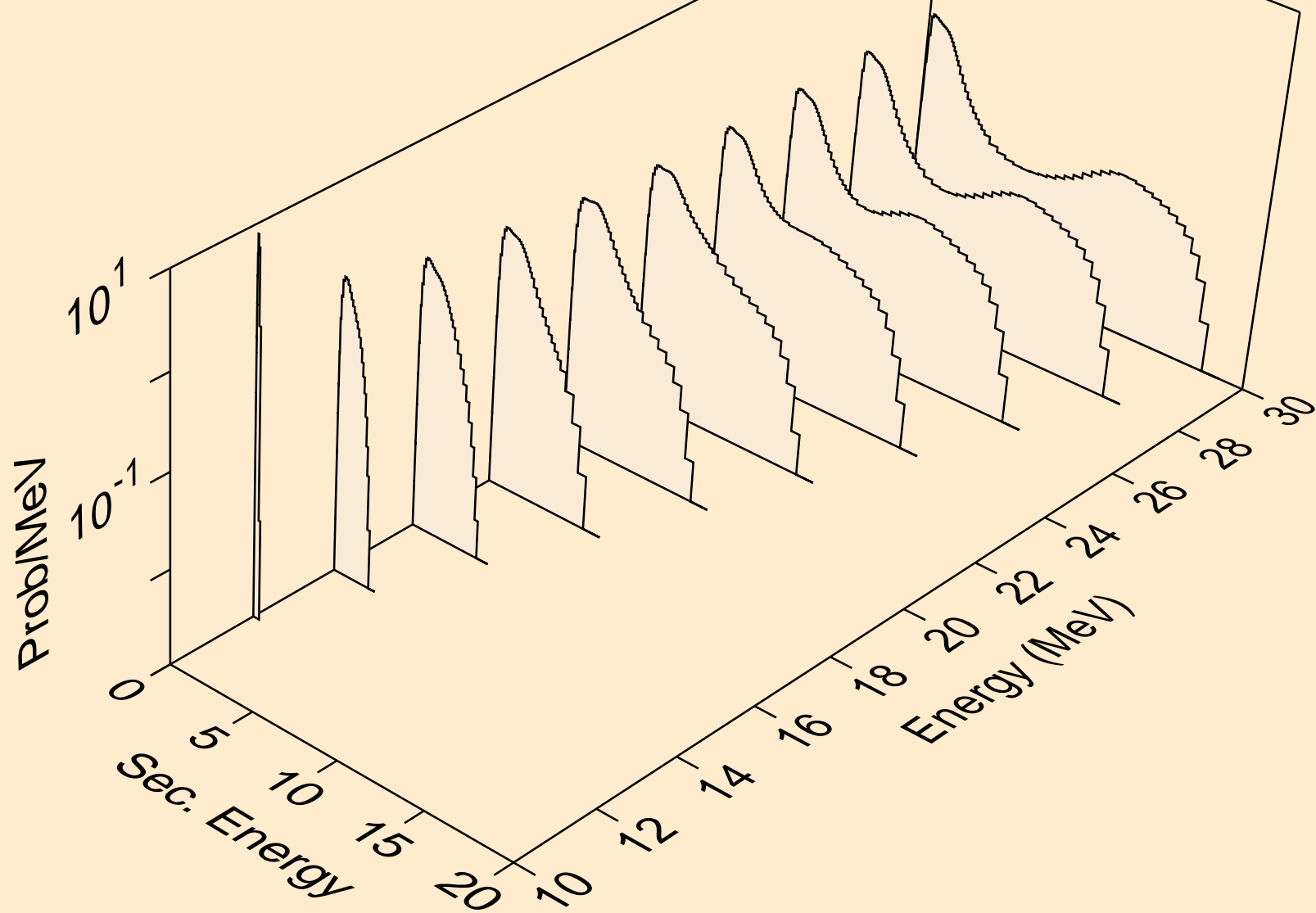
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



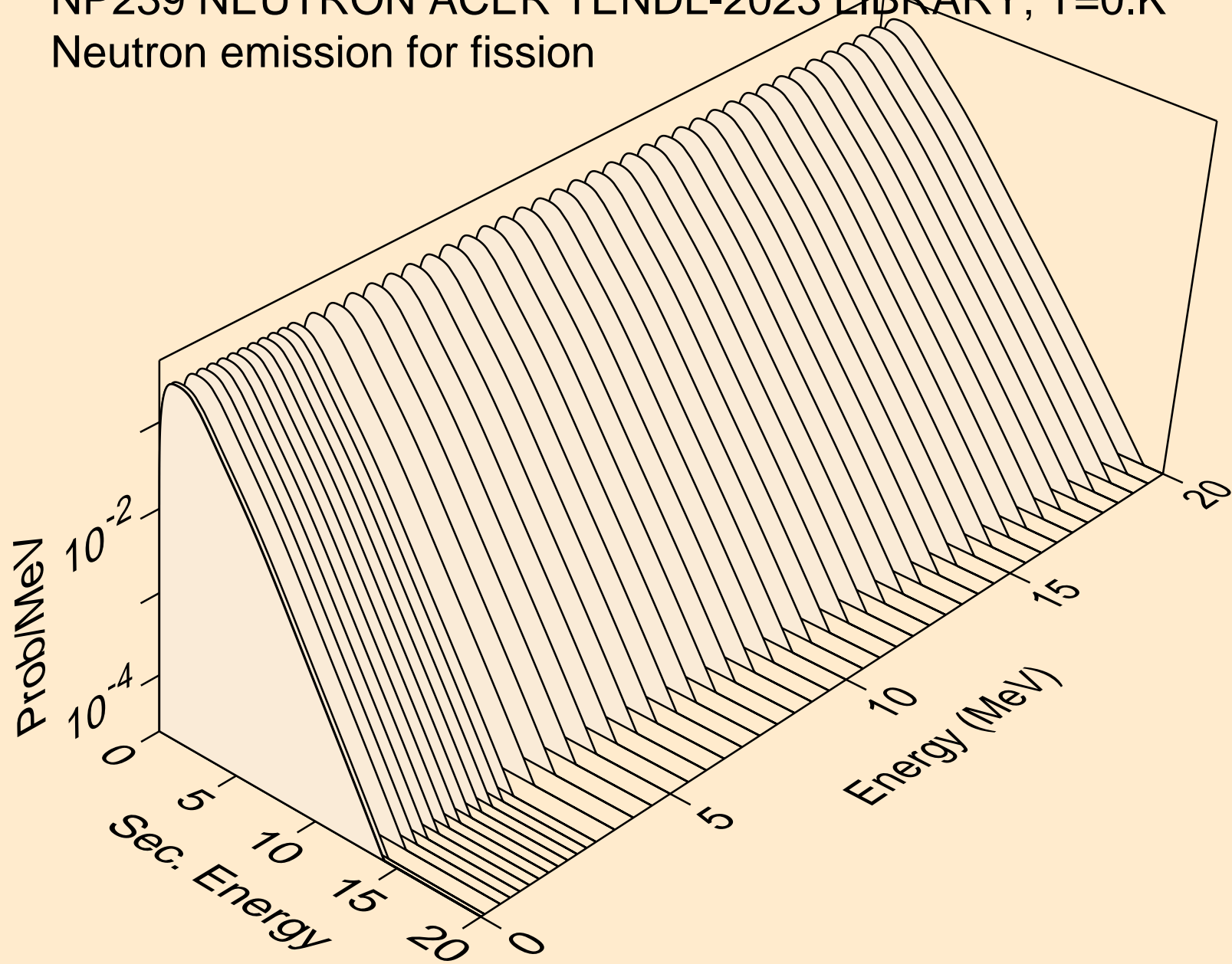
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



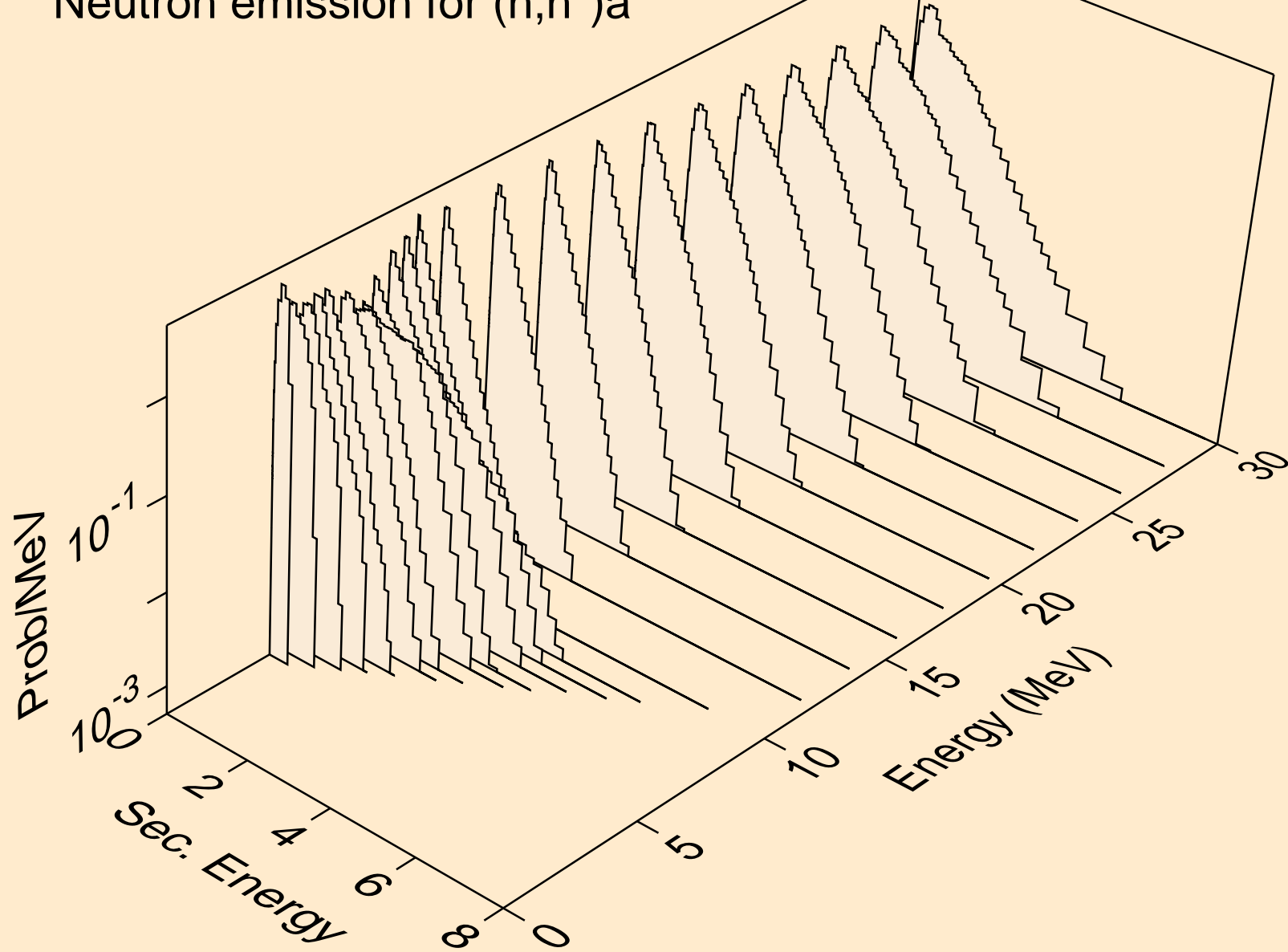
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



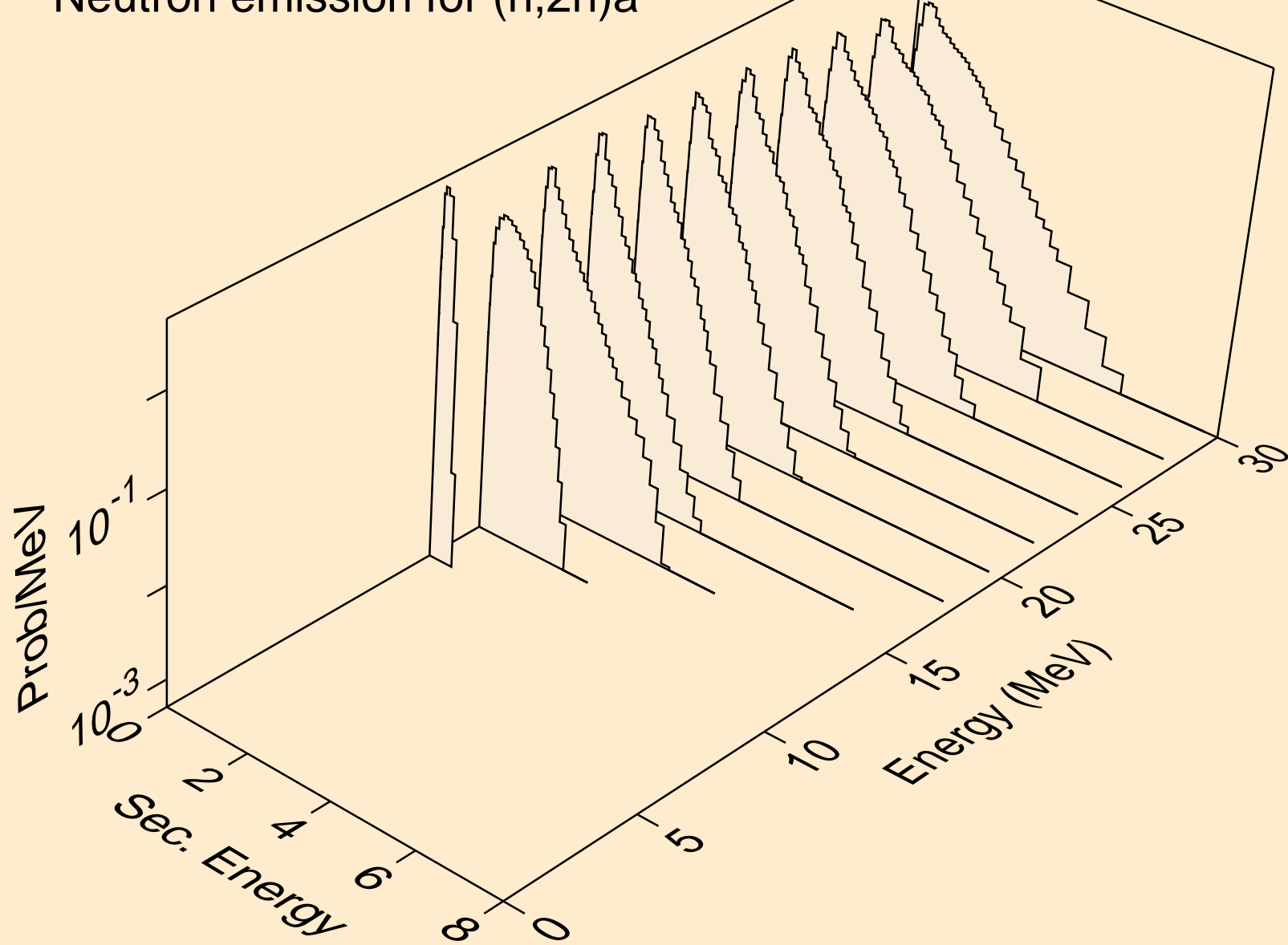
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



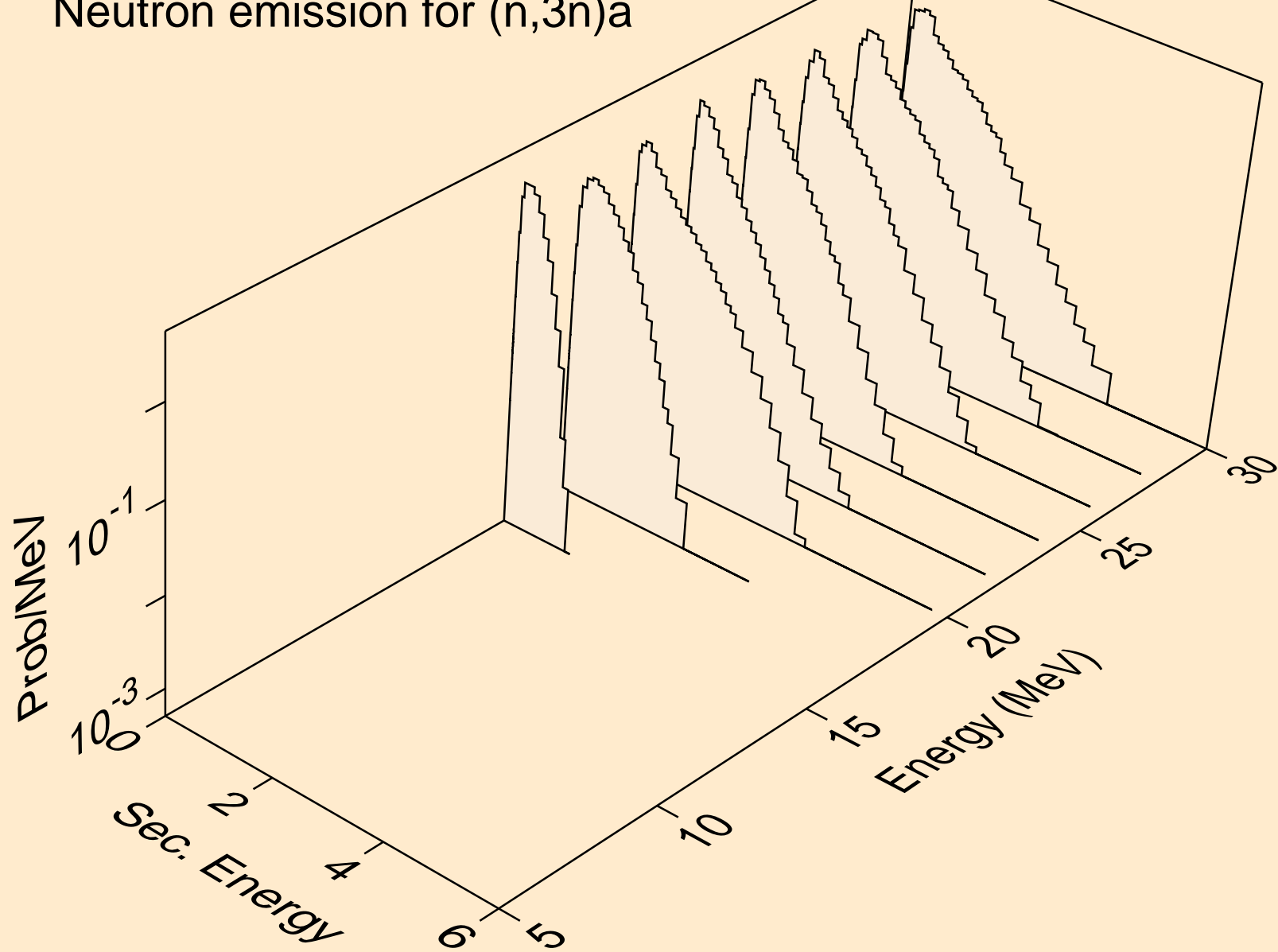
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



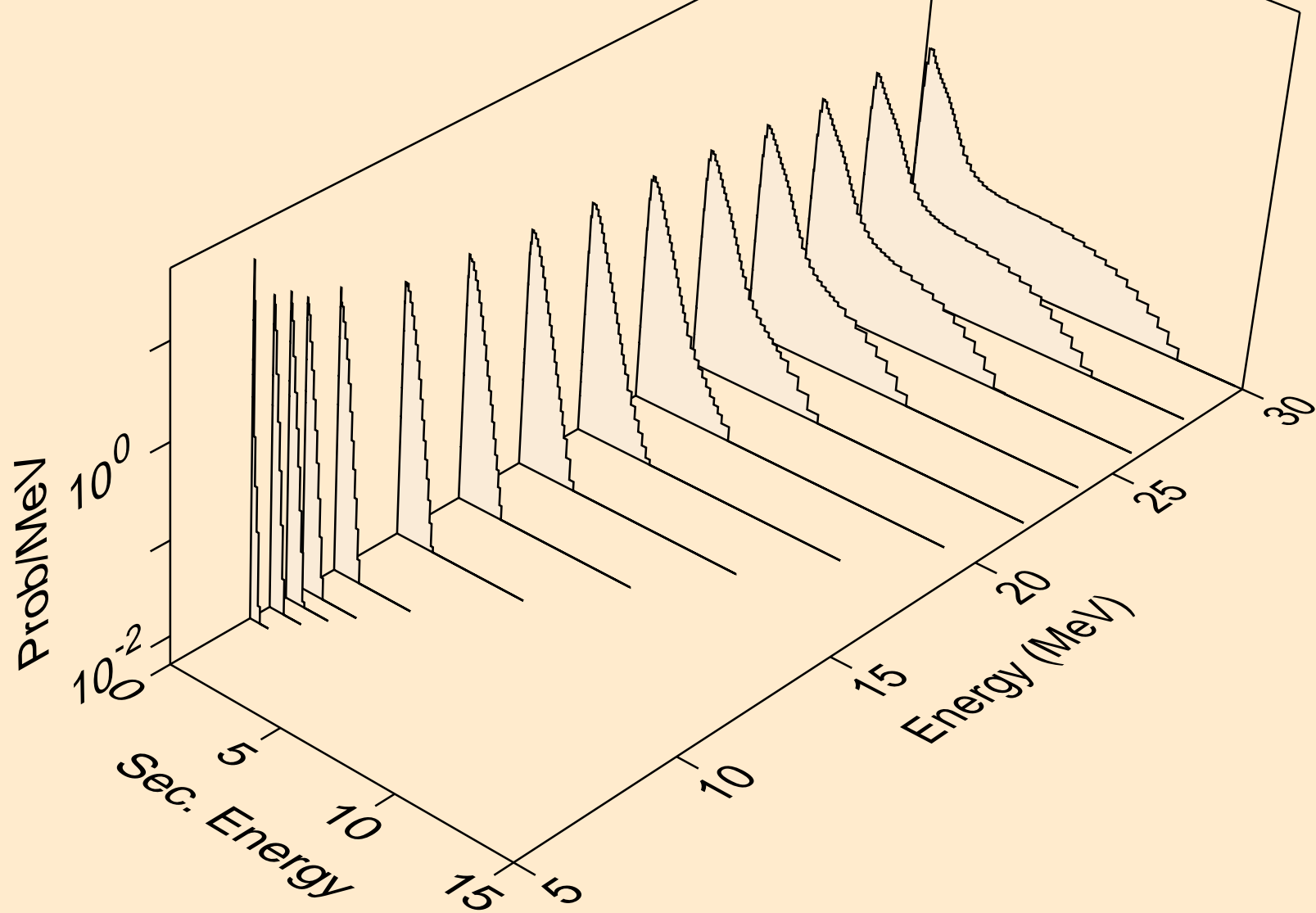
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



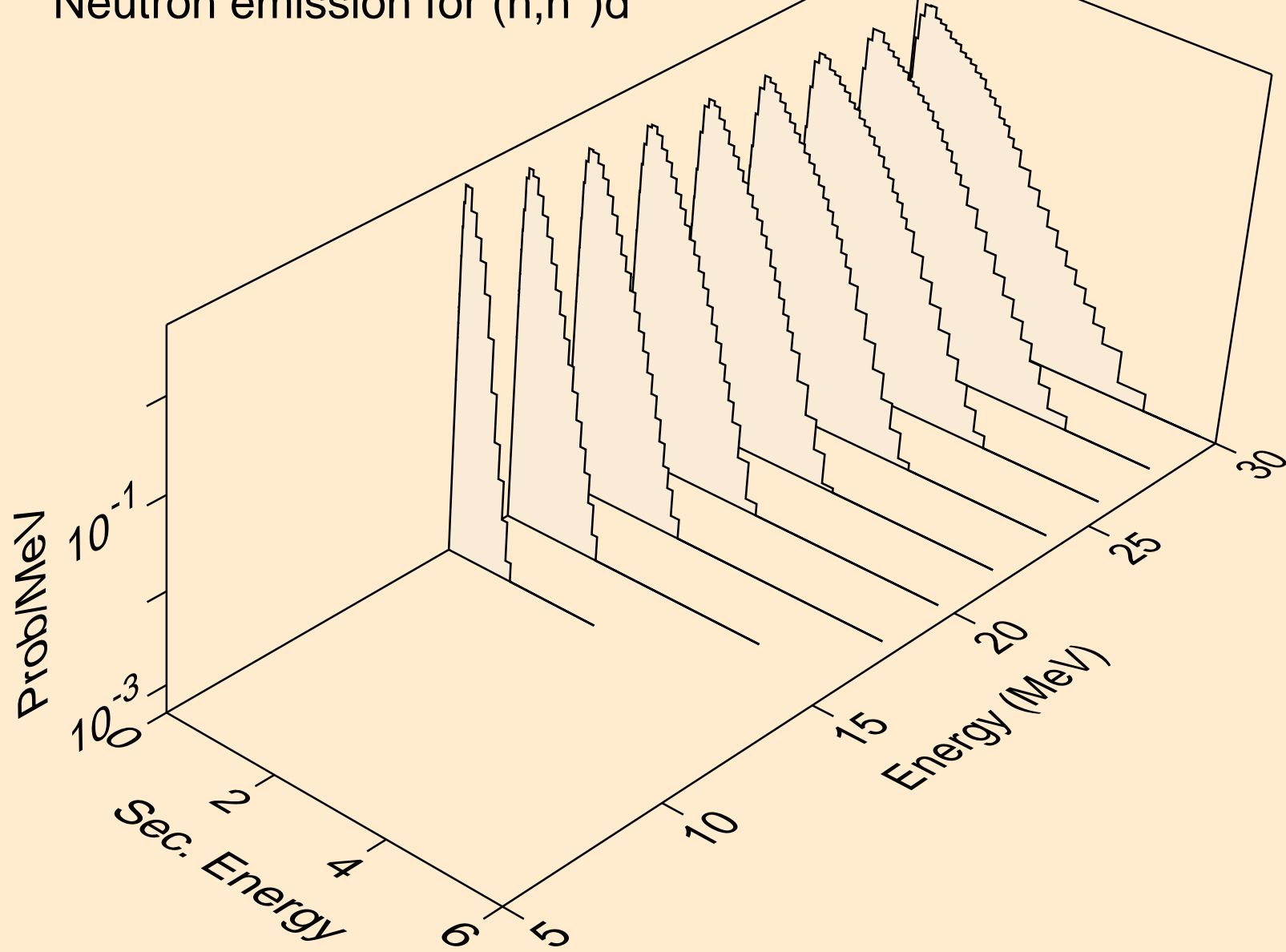
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



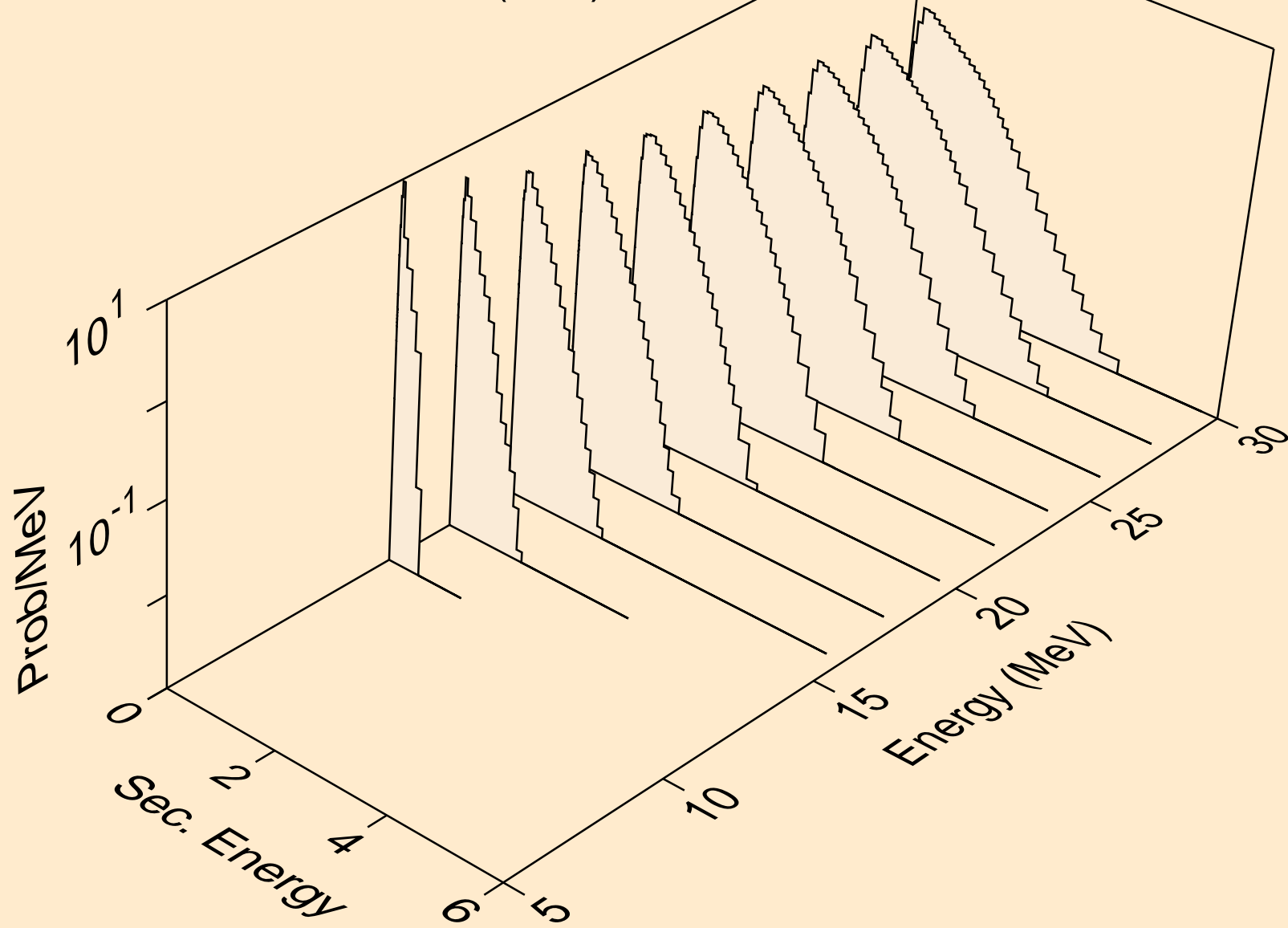
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



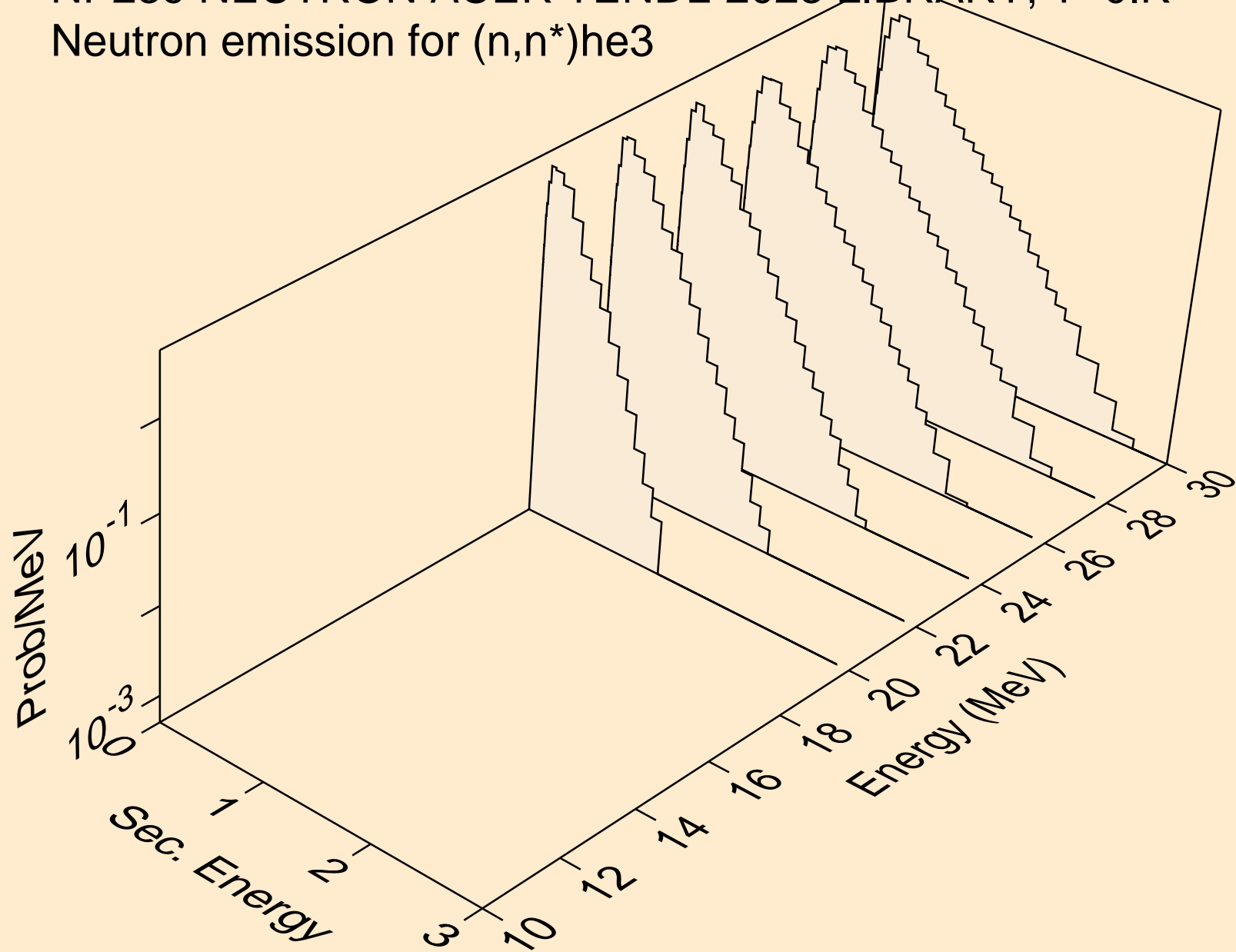
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



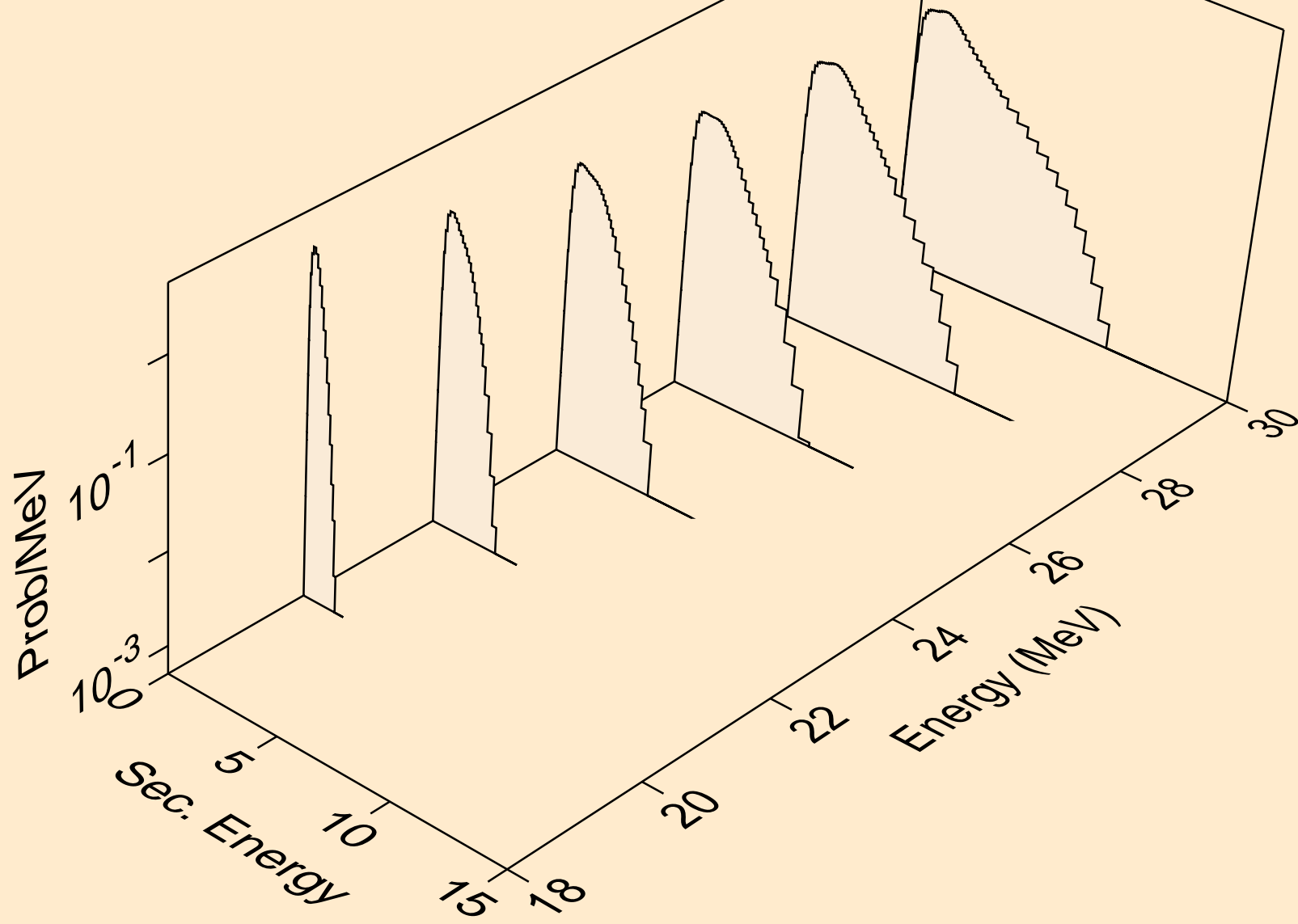
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



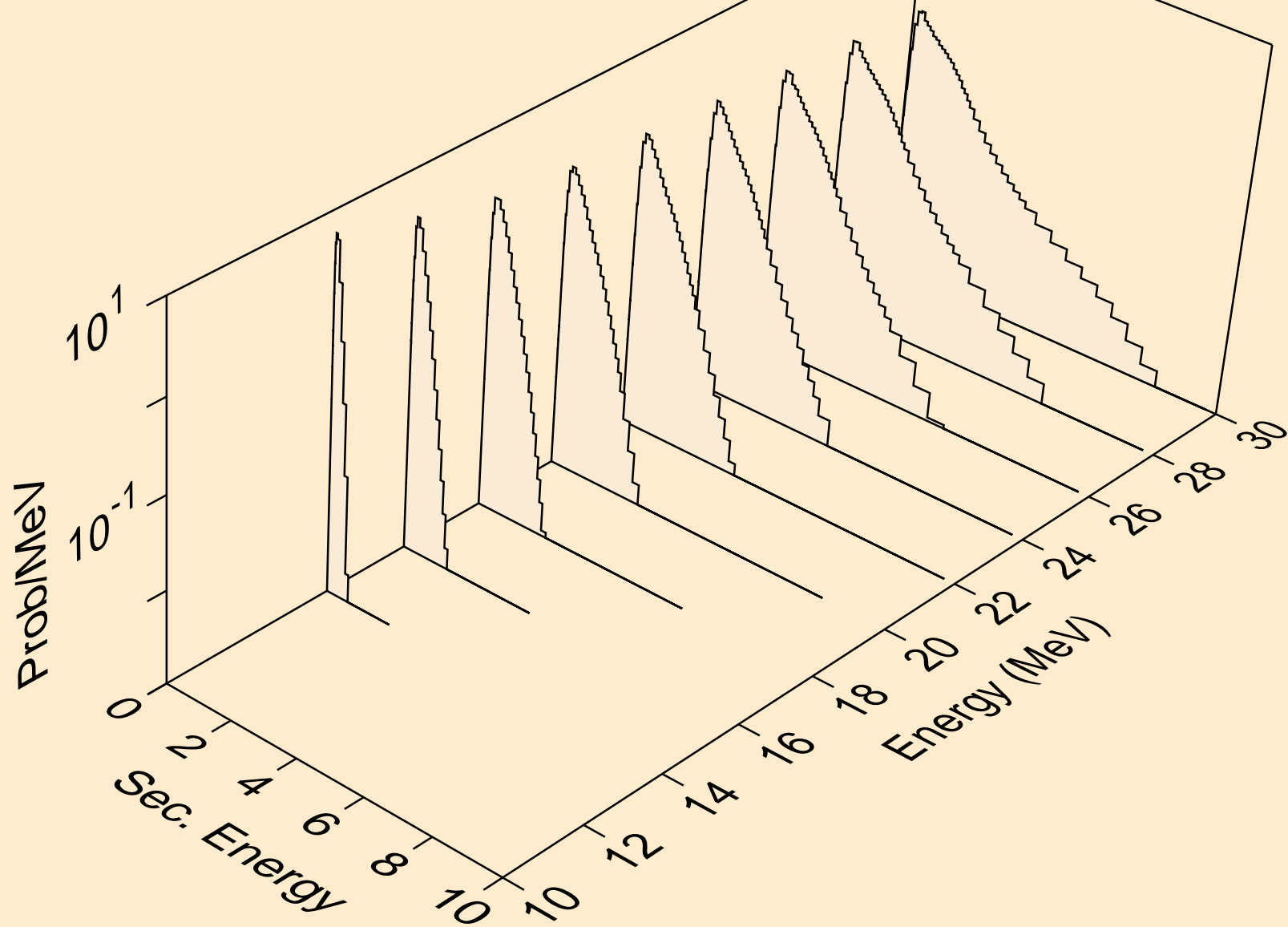
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



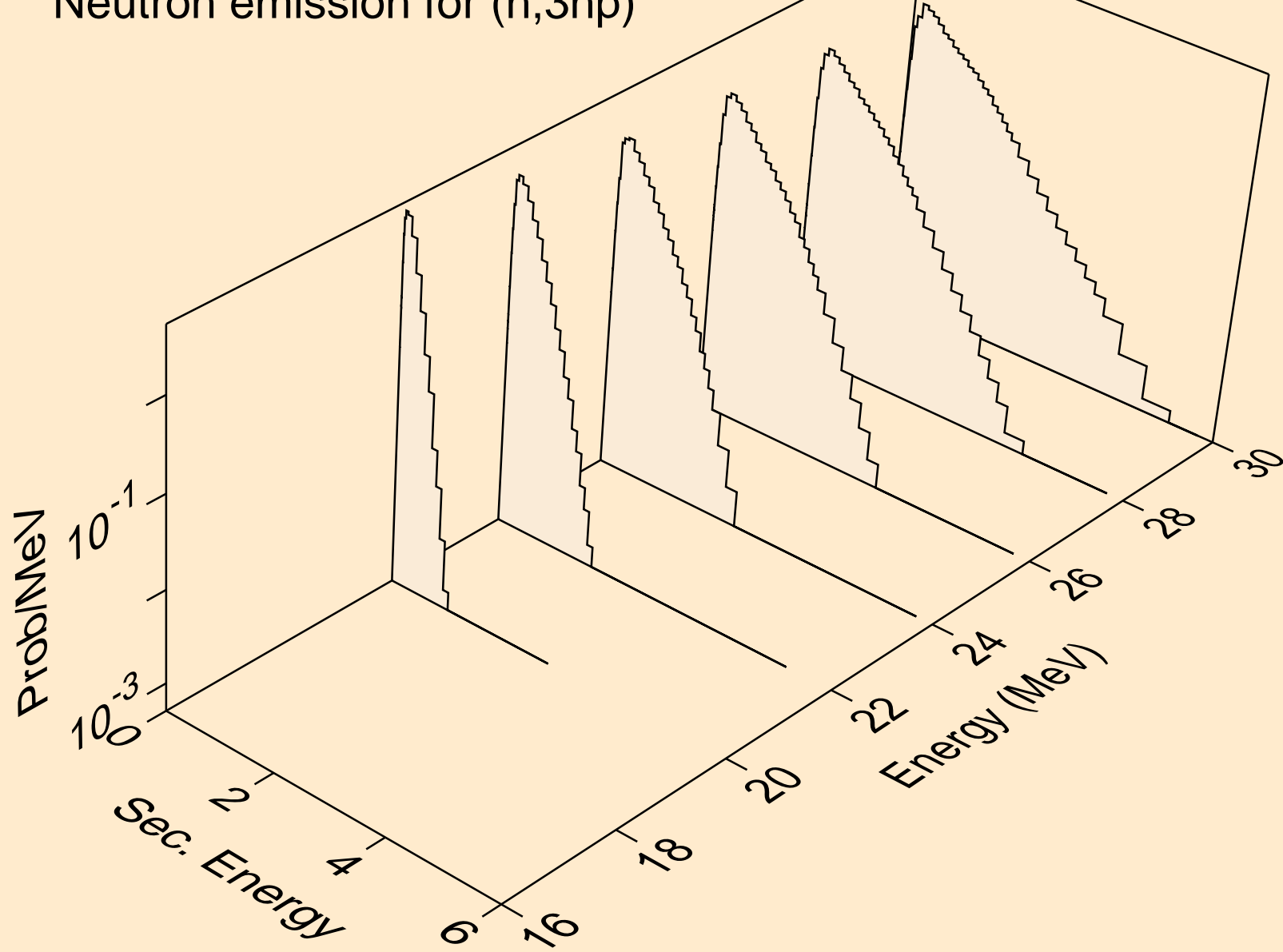
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



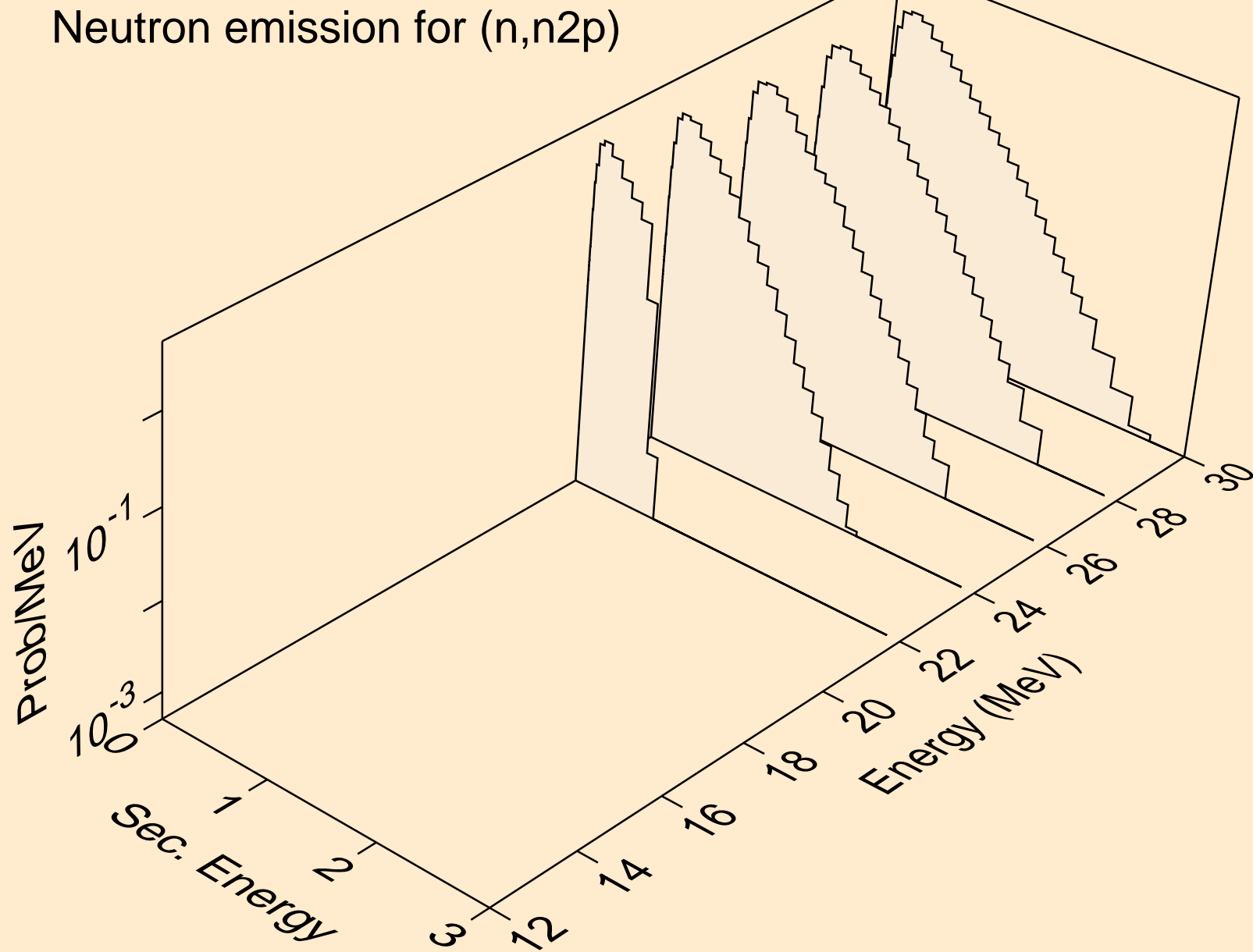
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



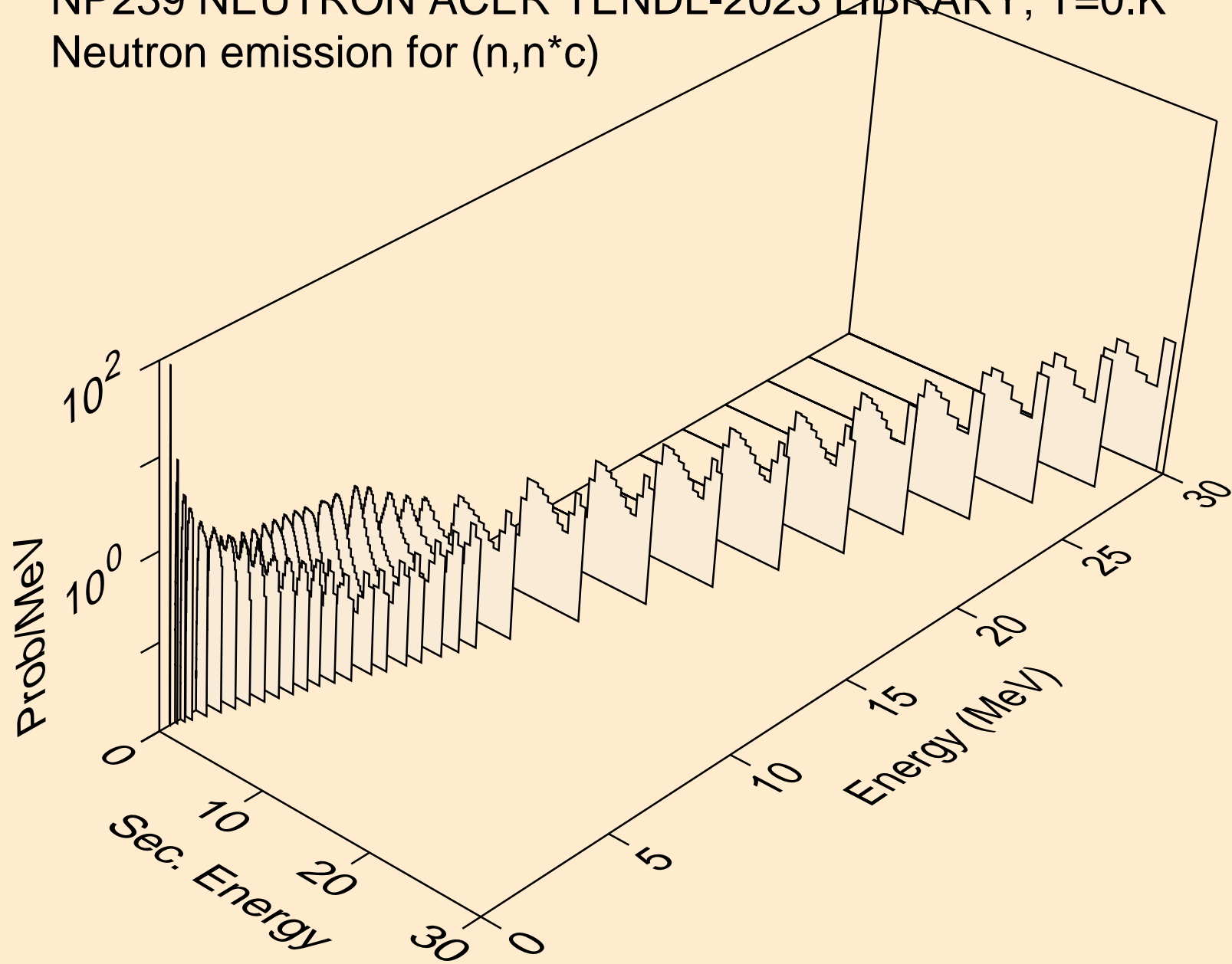
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)

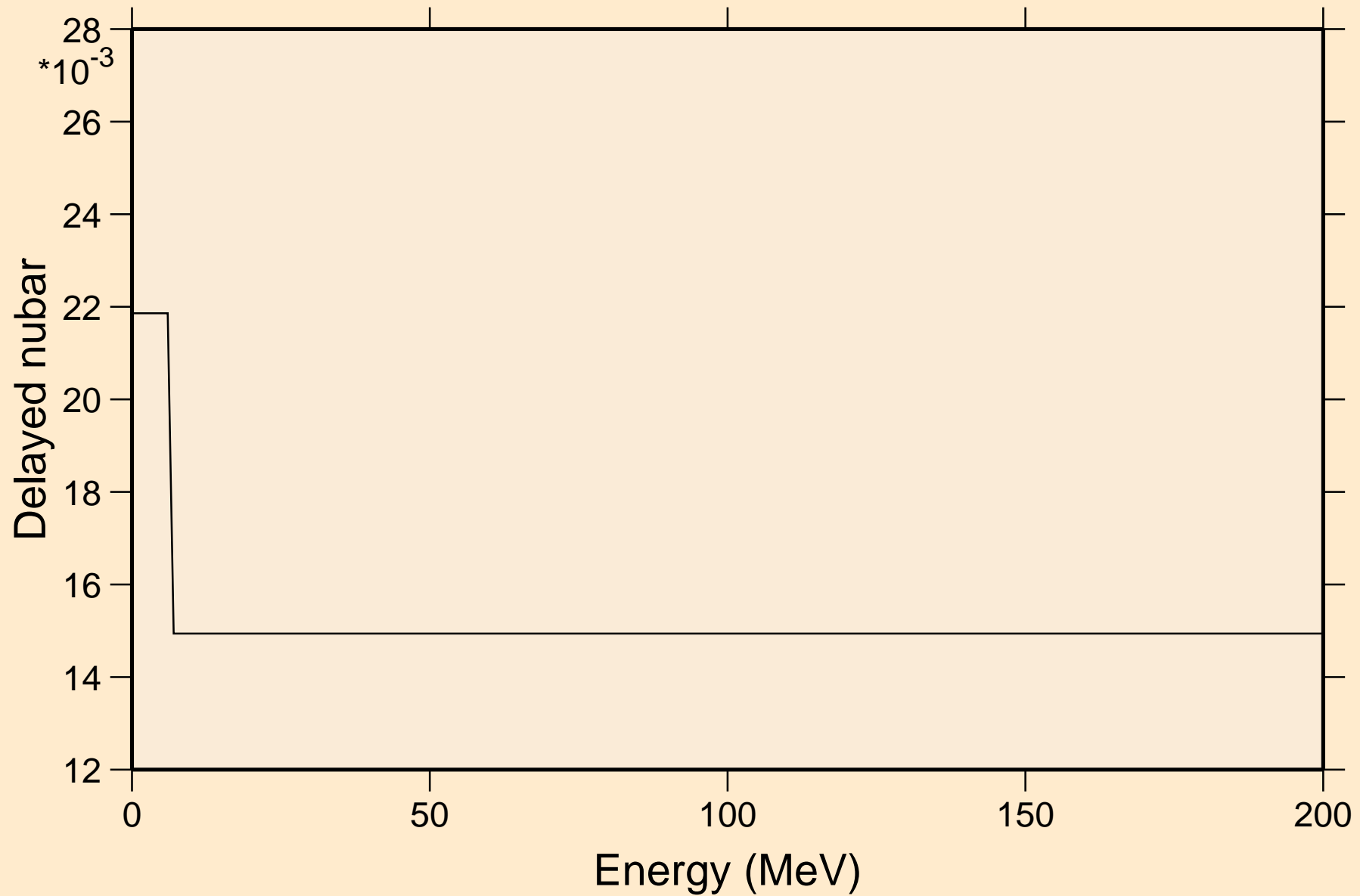


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



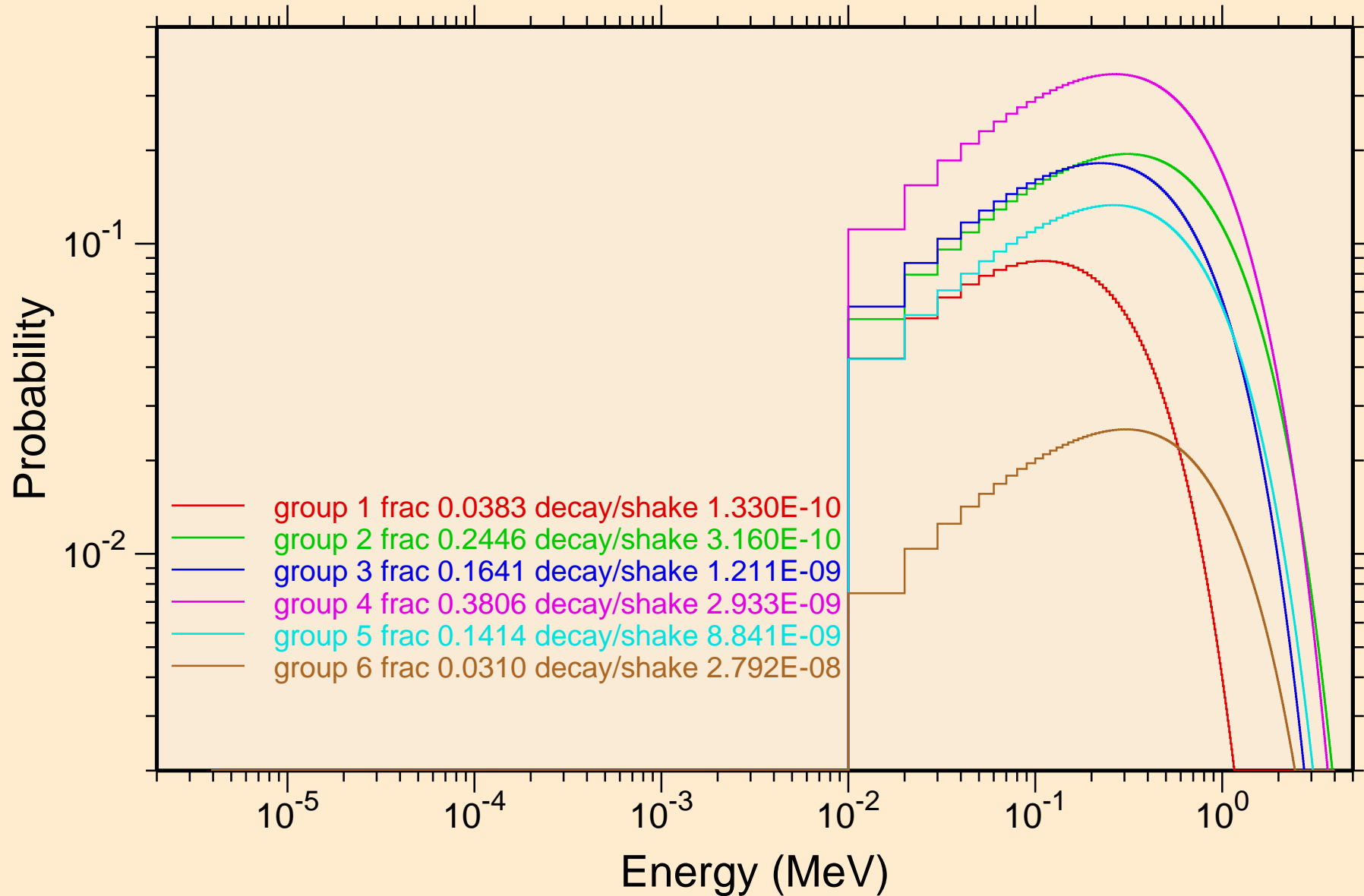
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

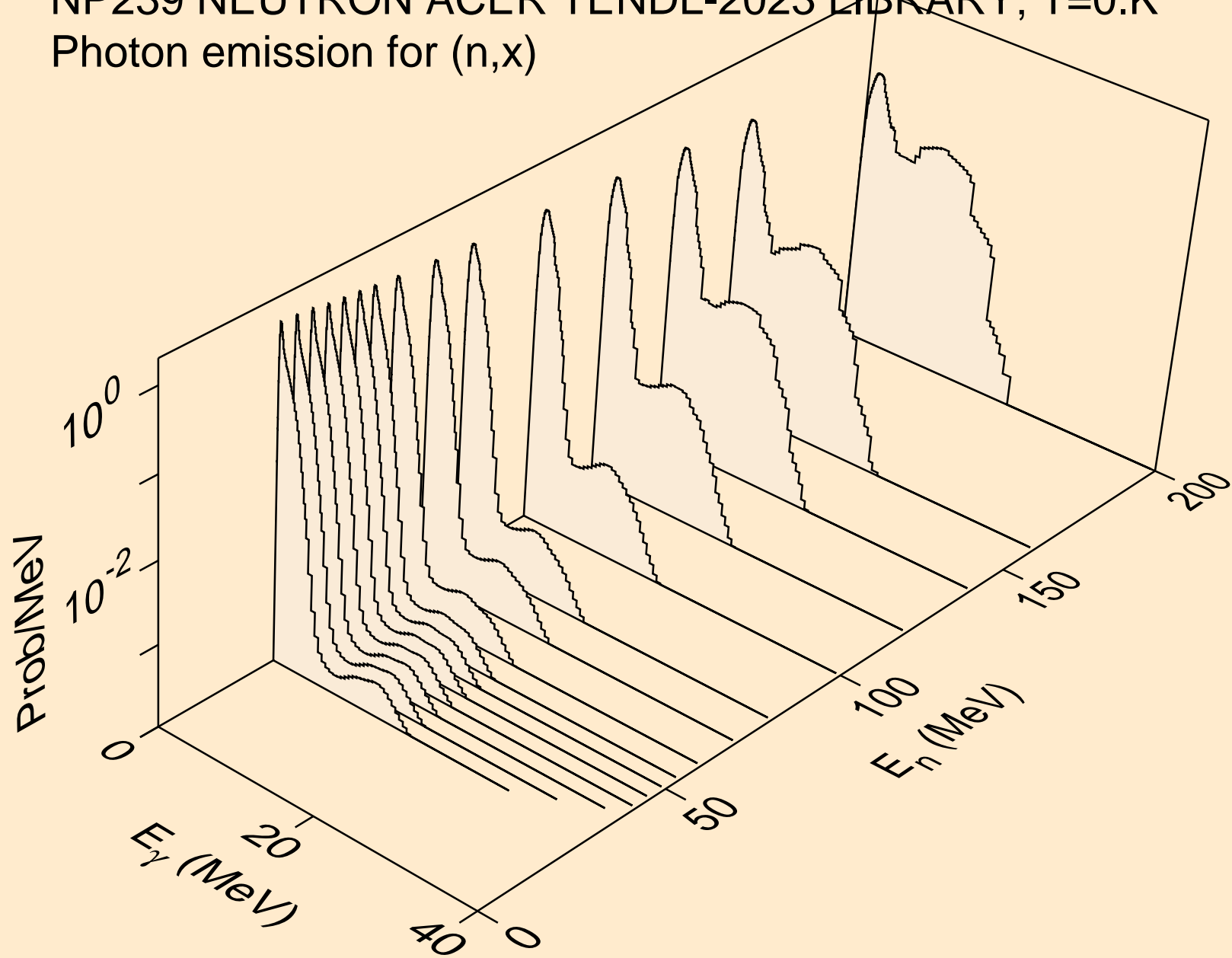


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

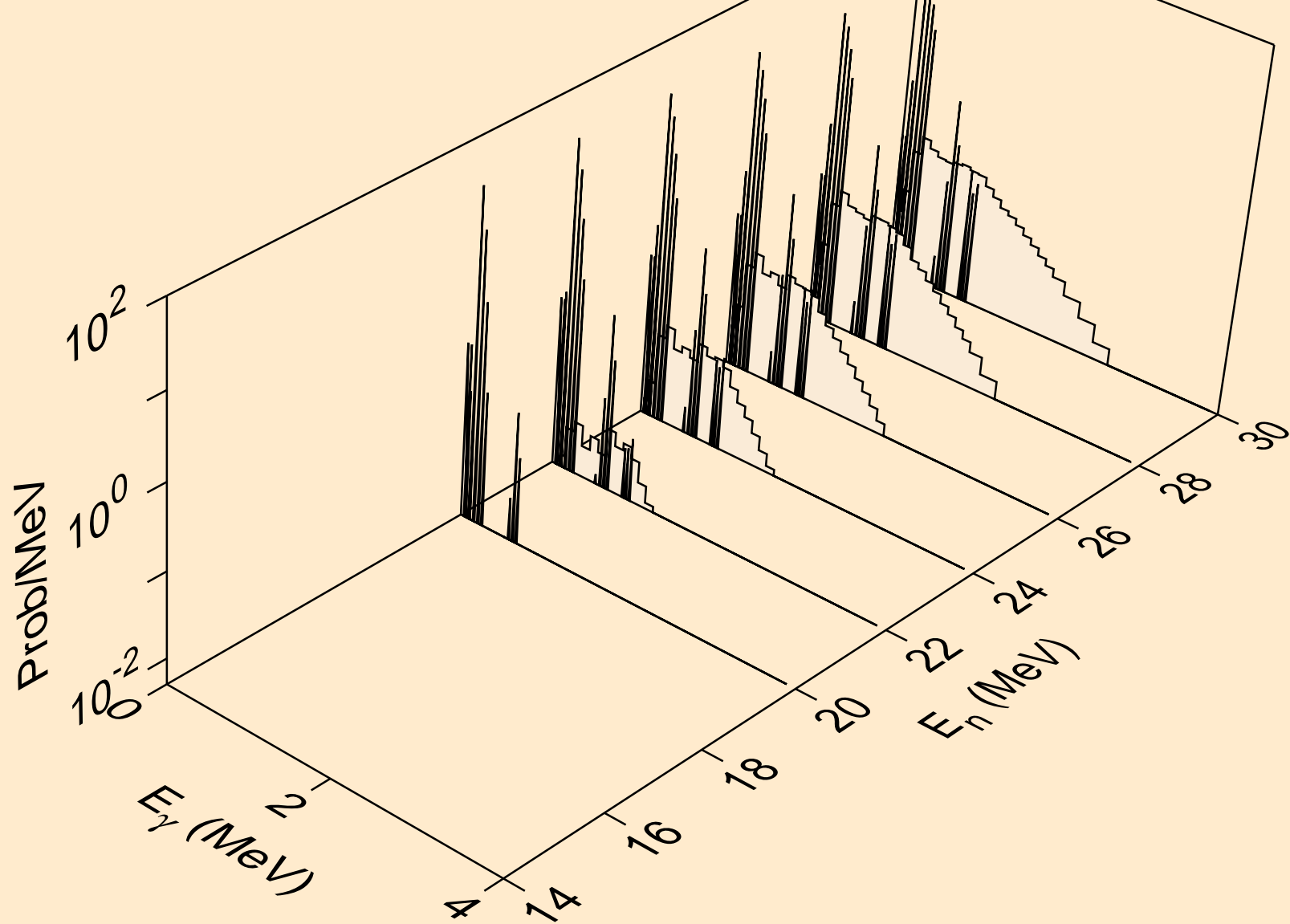
Delayed neutron spectra



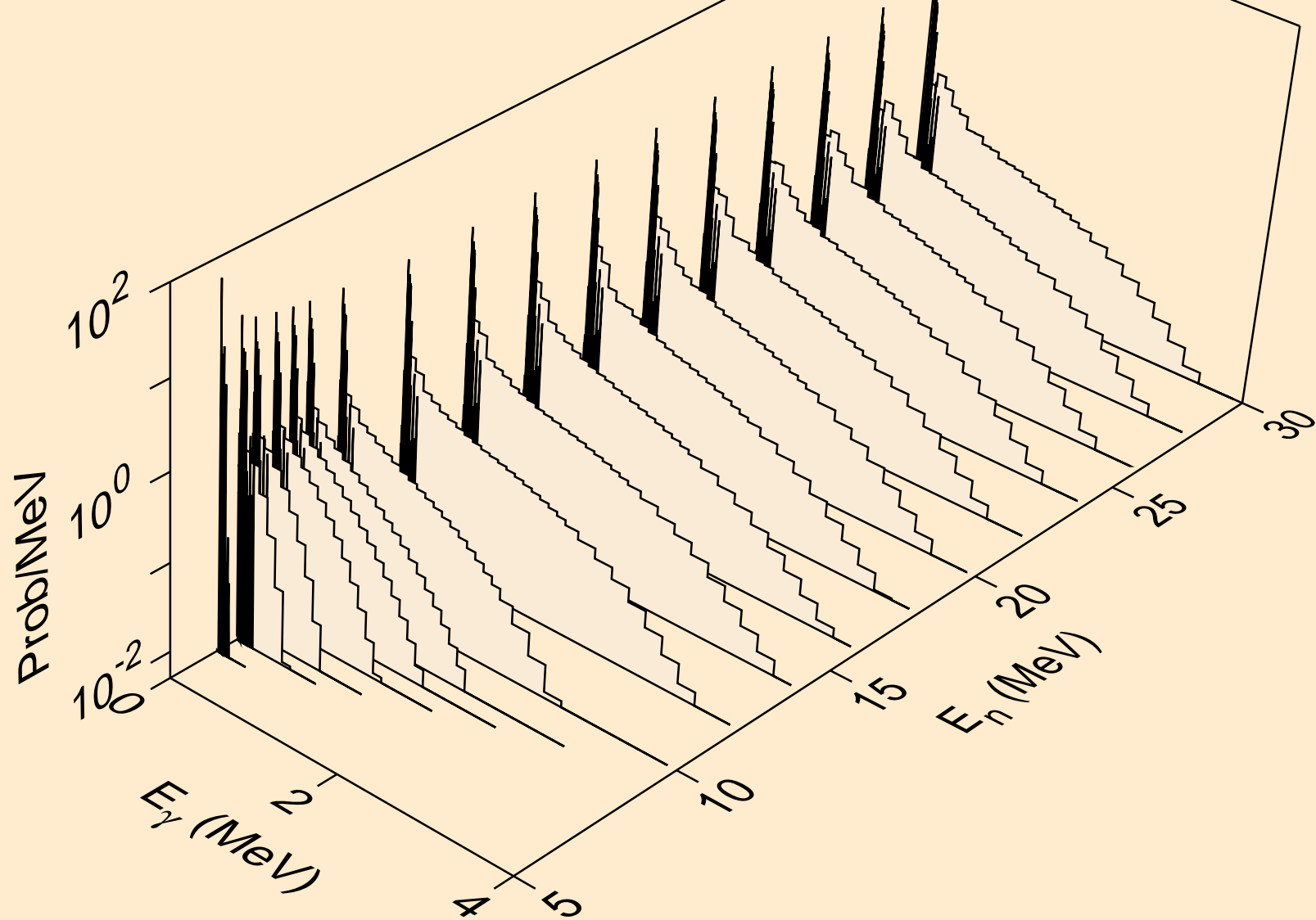
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



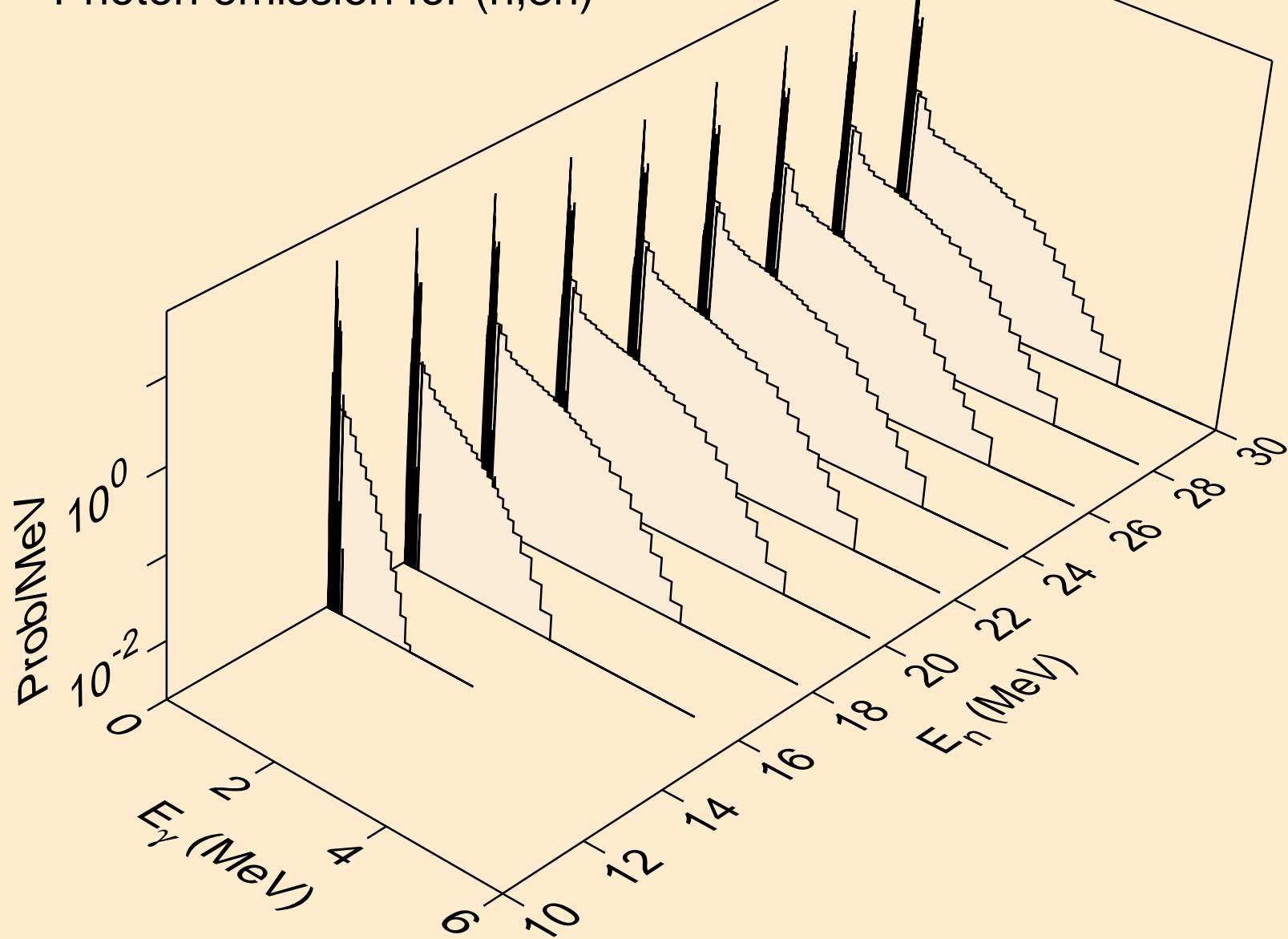
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



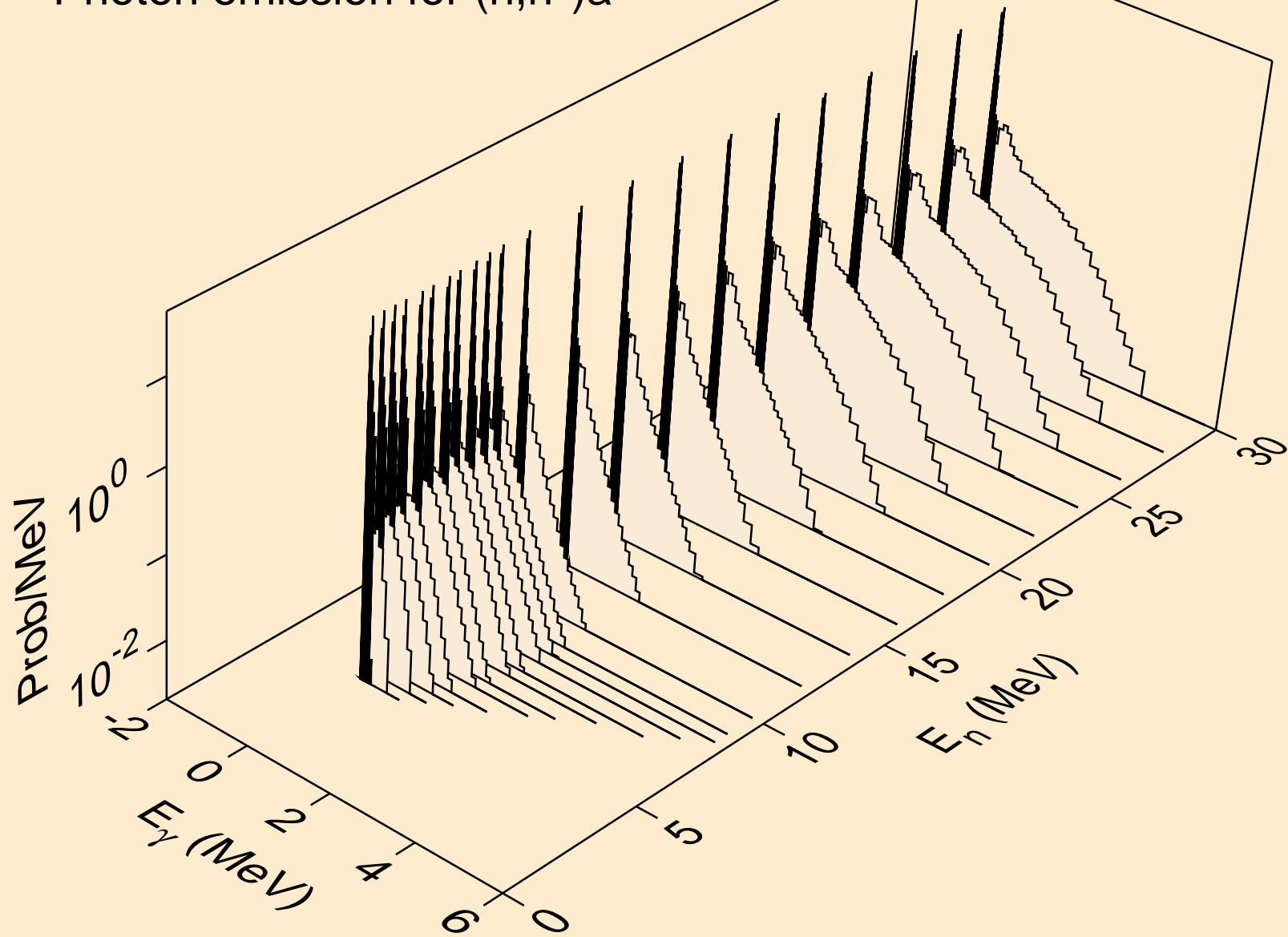
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



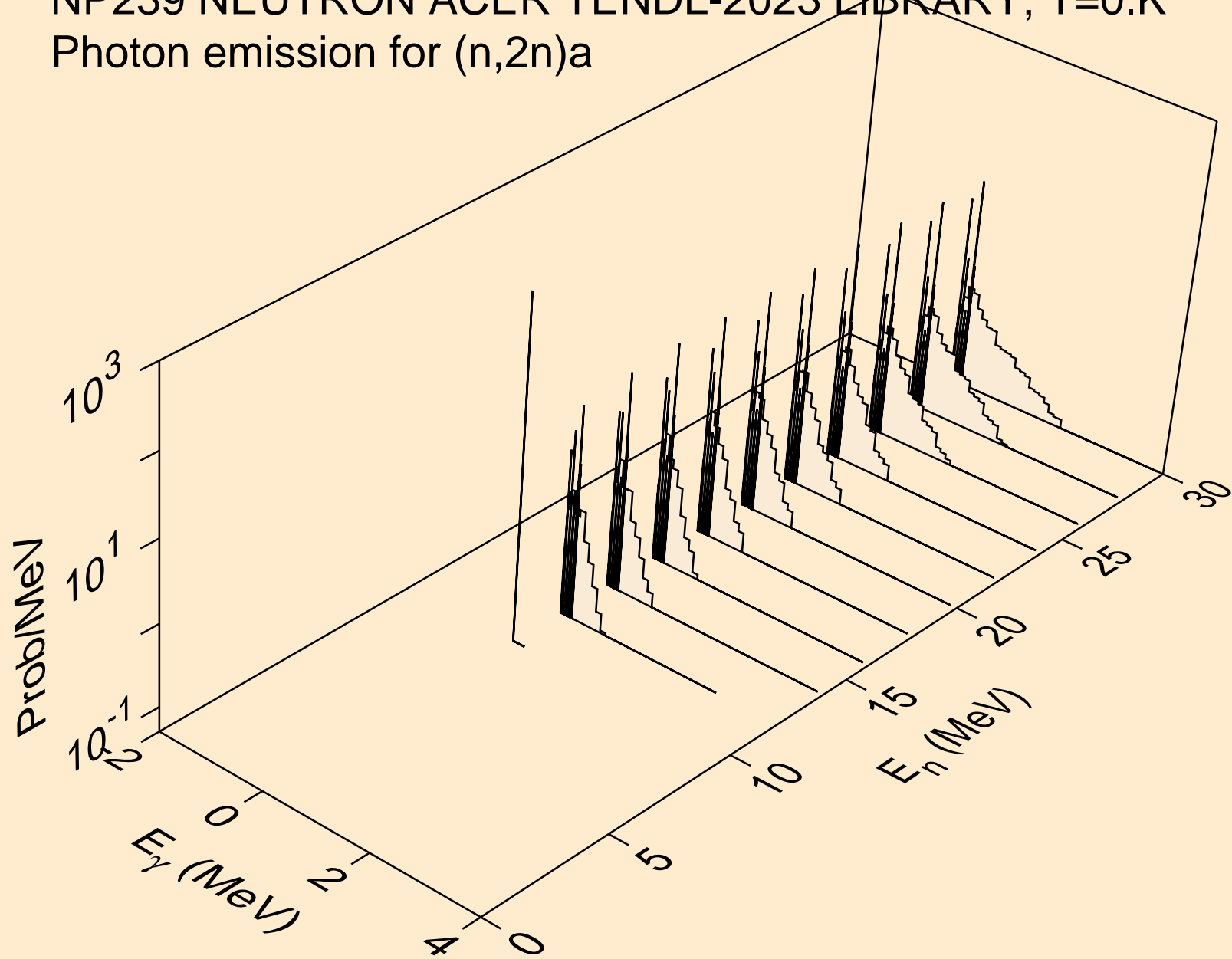
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



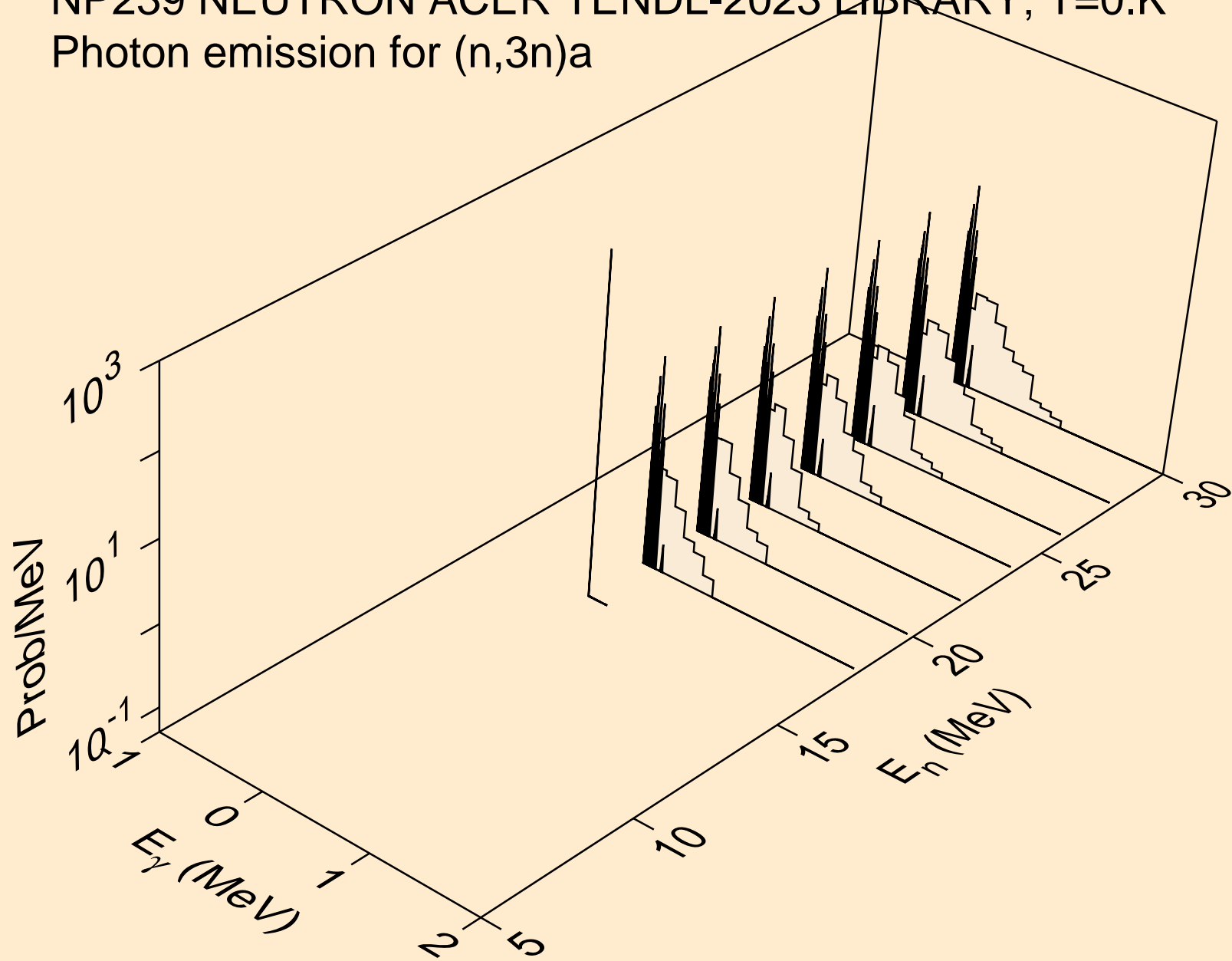
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



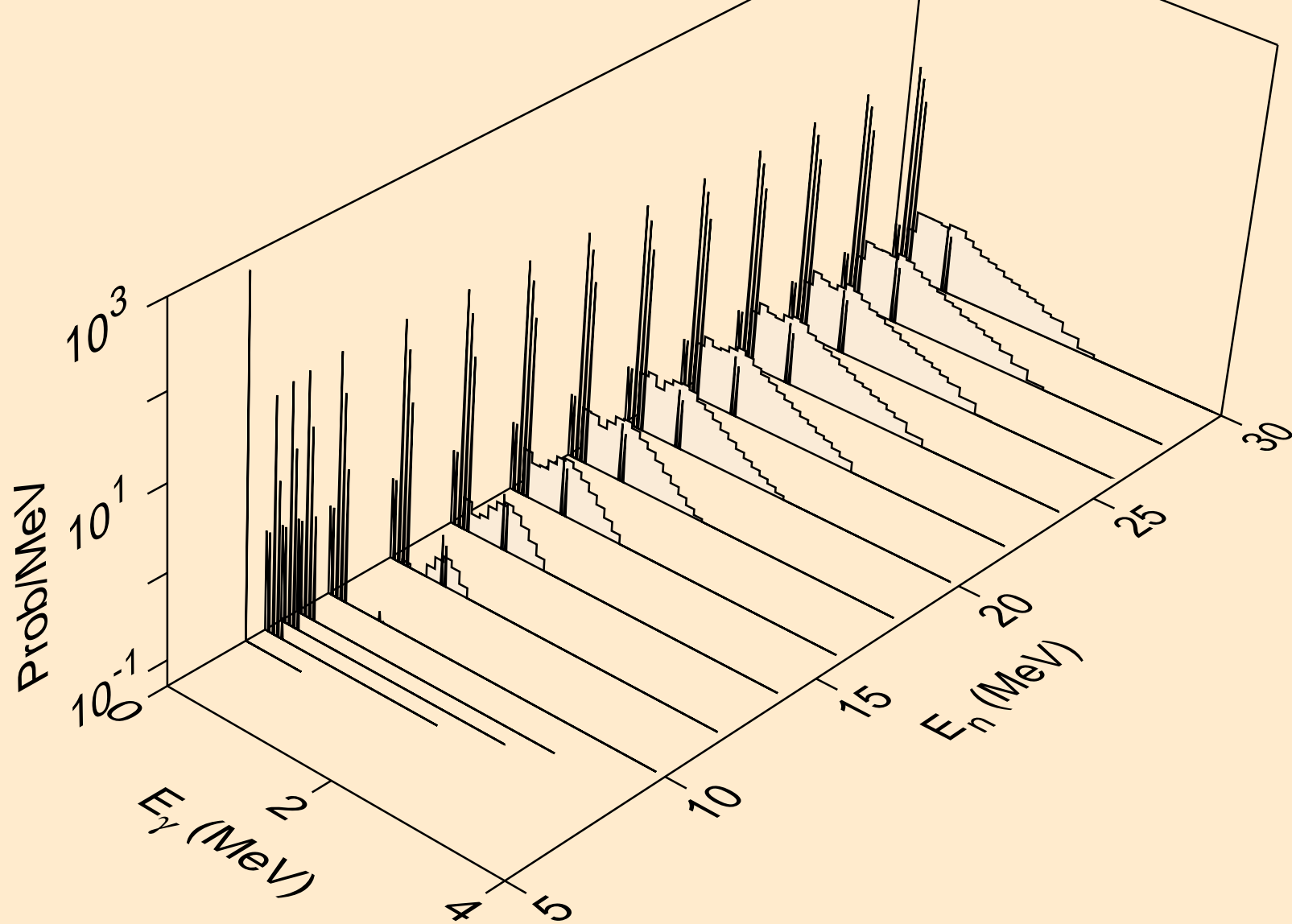
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



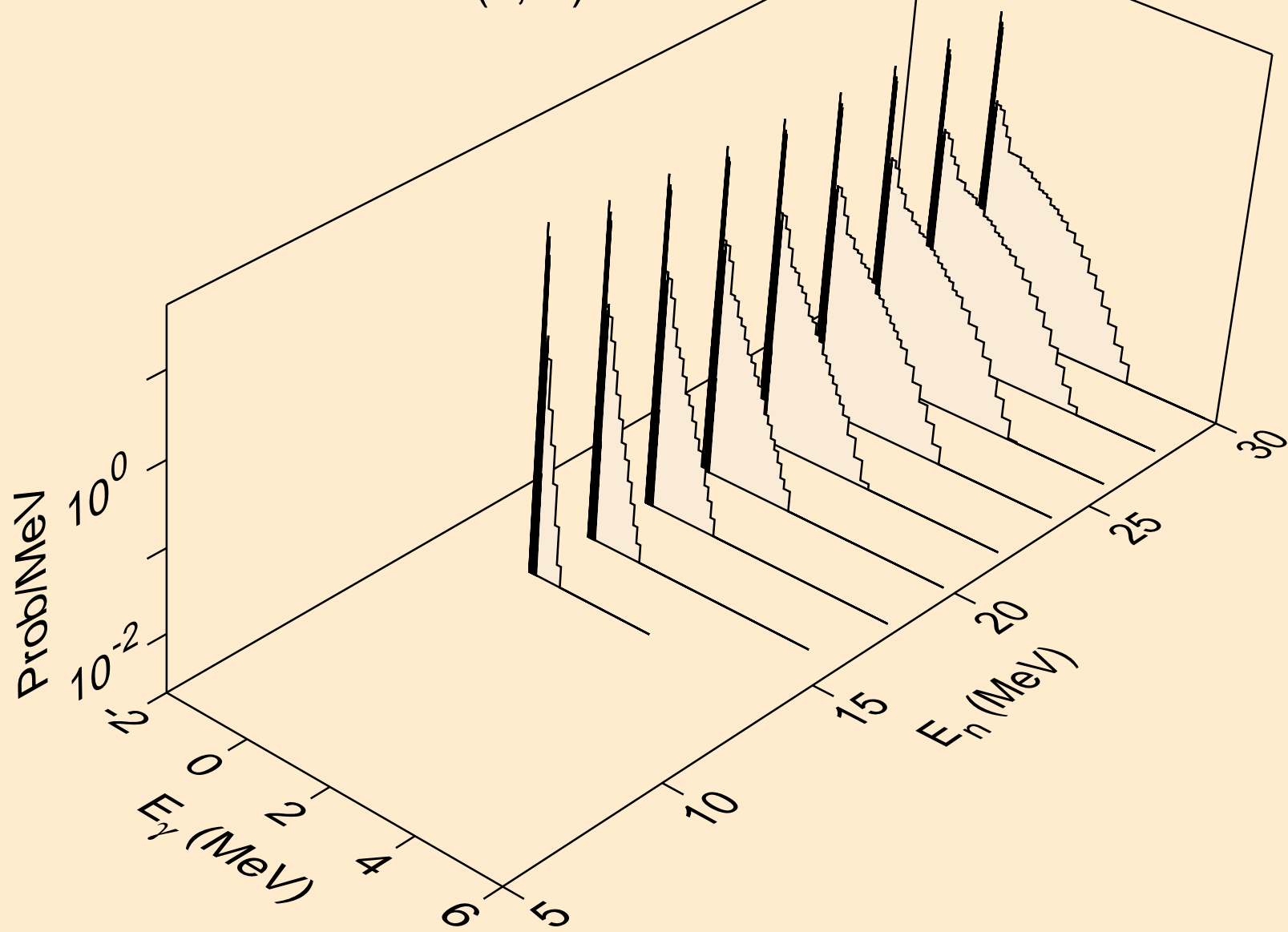
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)a



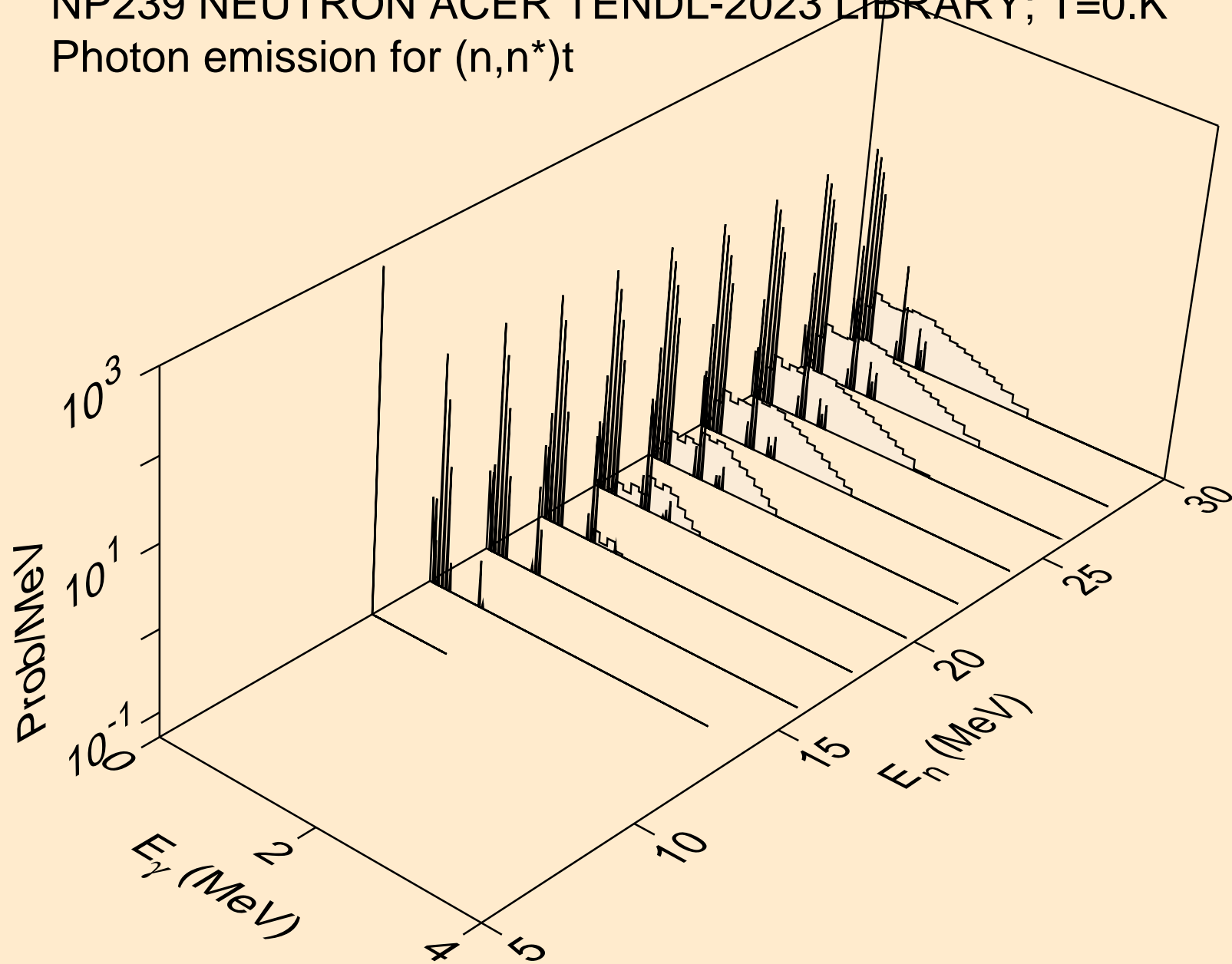
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



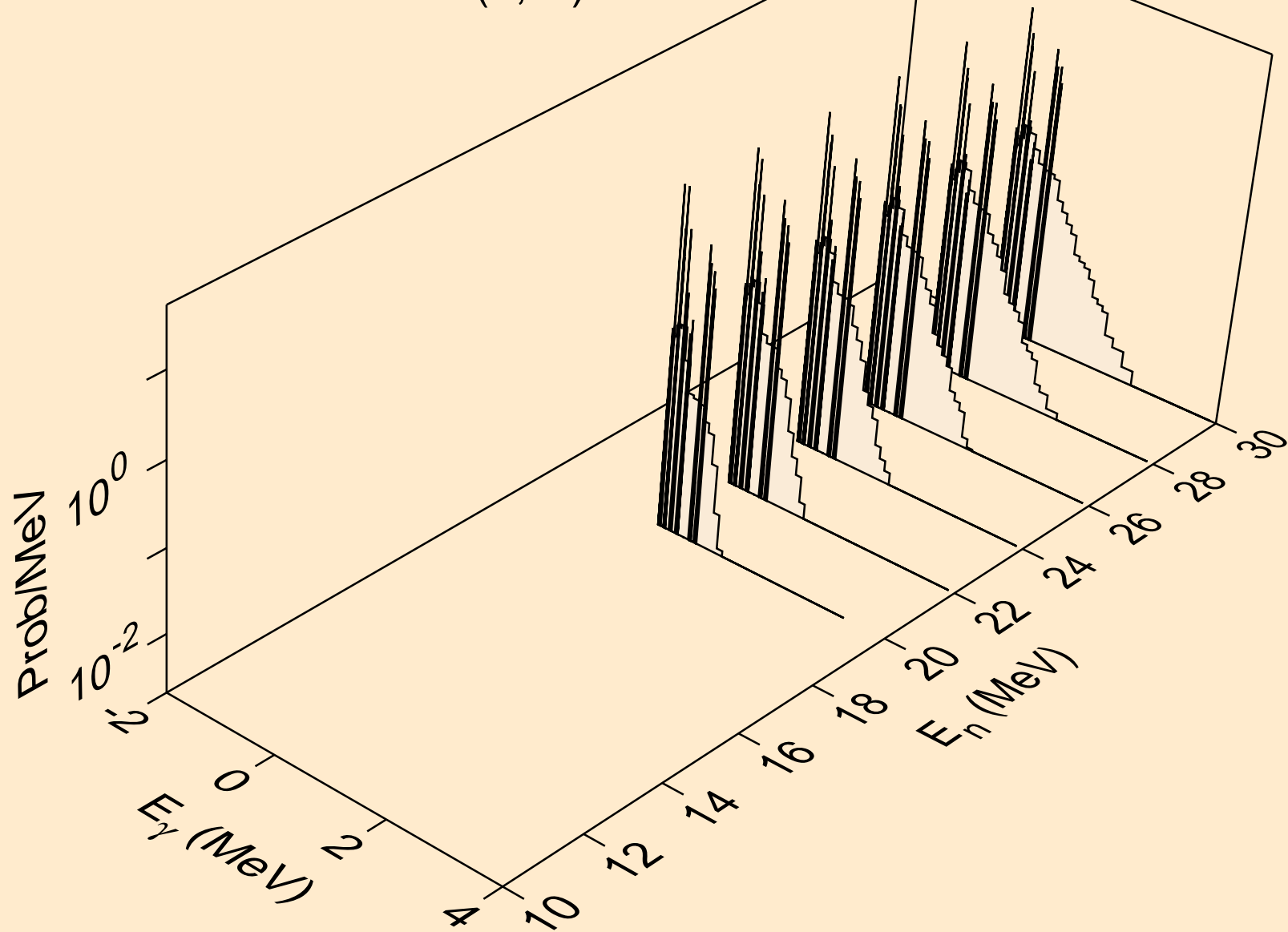
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



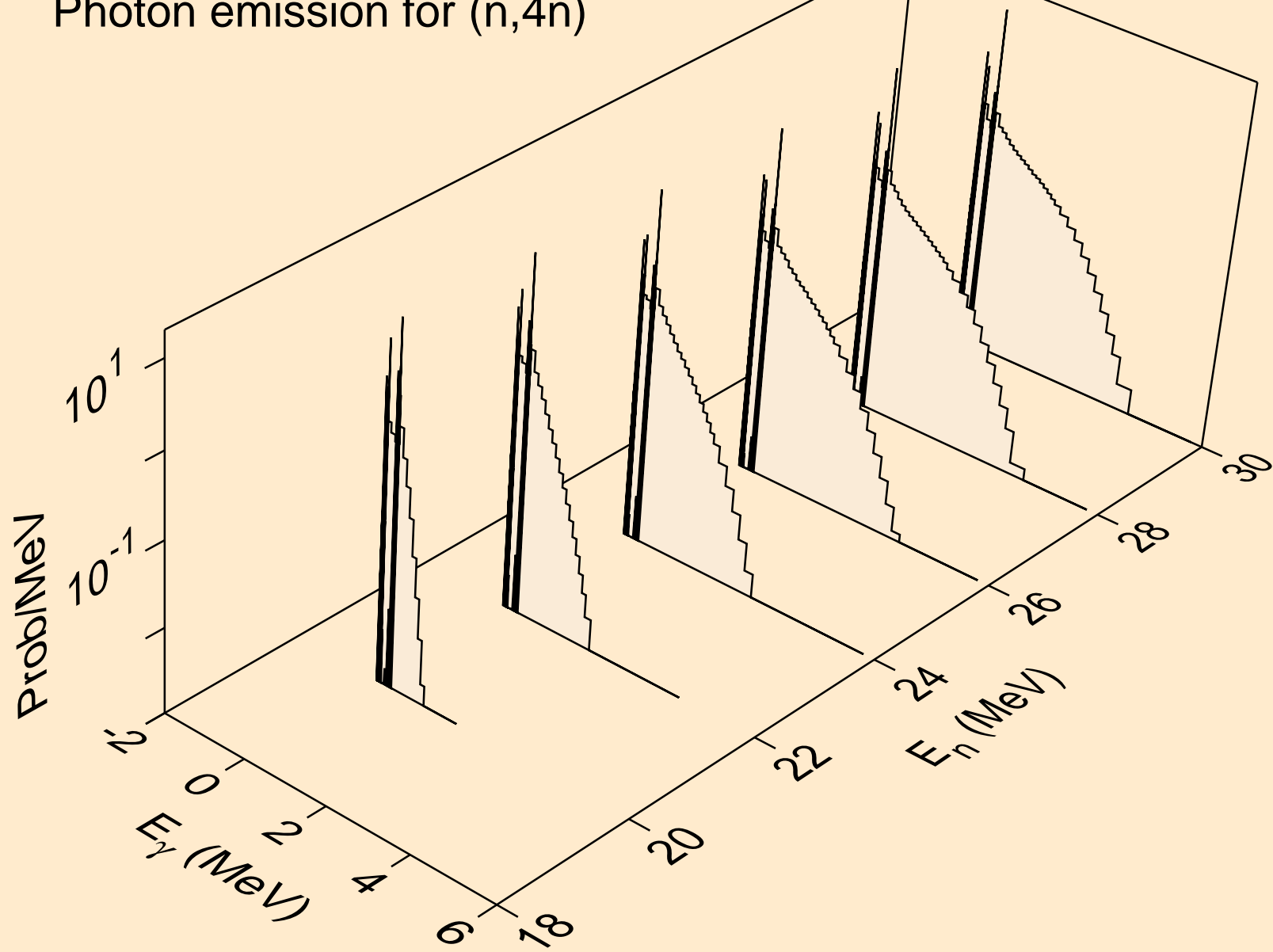
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



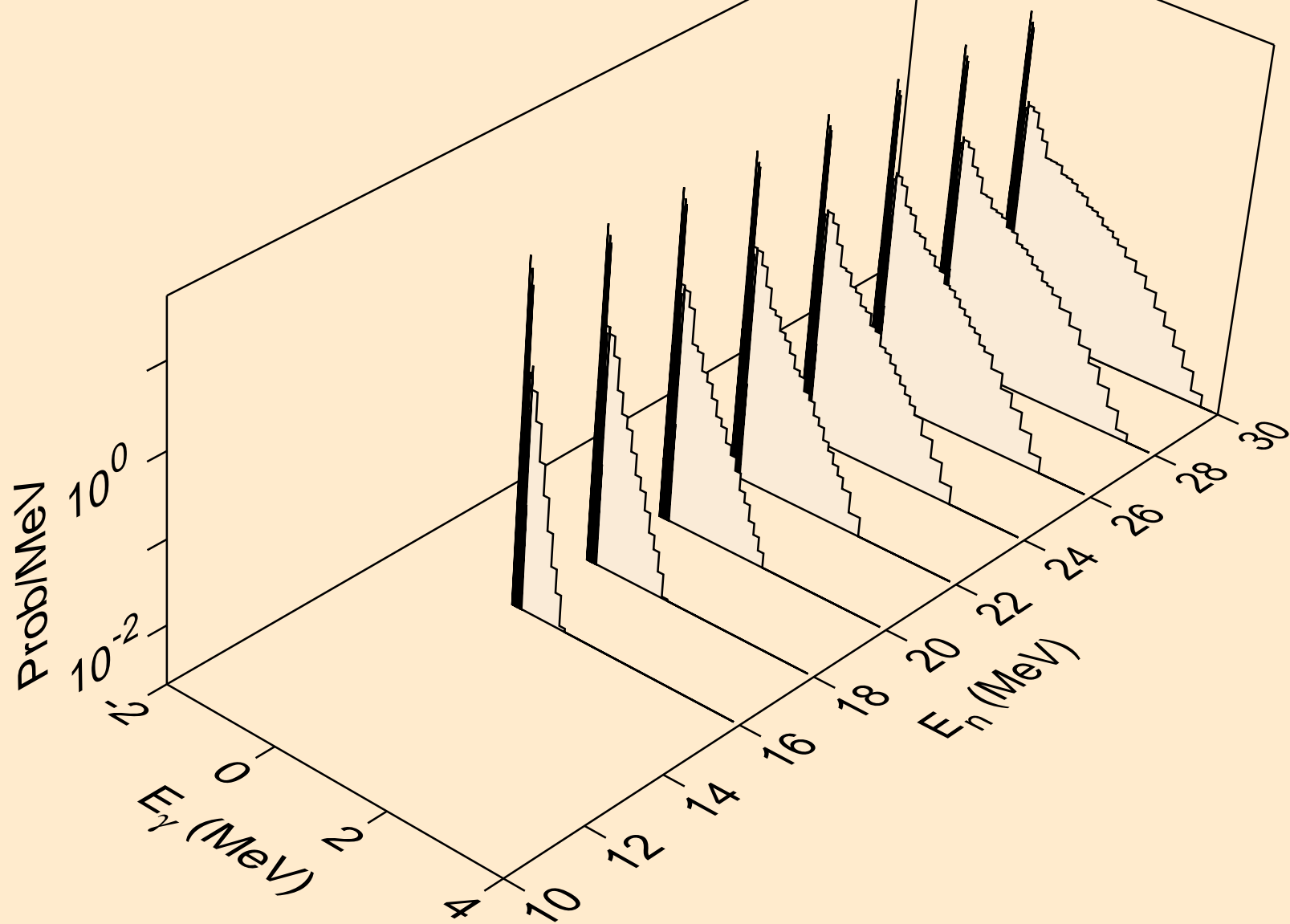
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



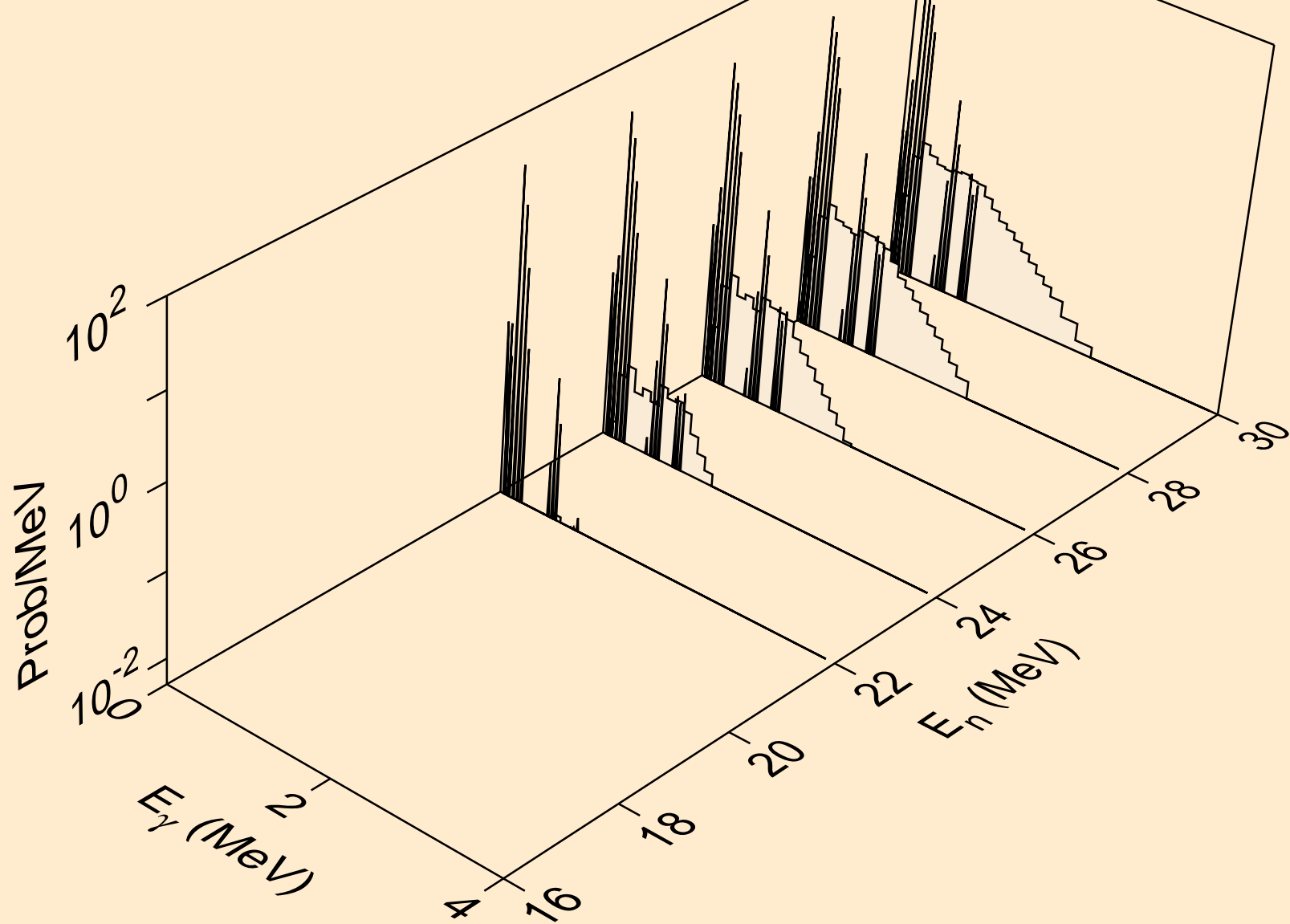
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



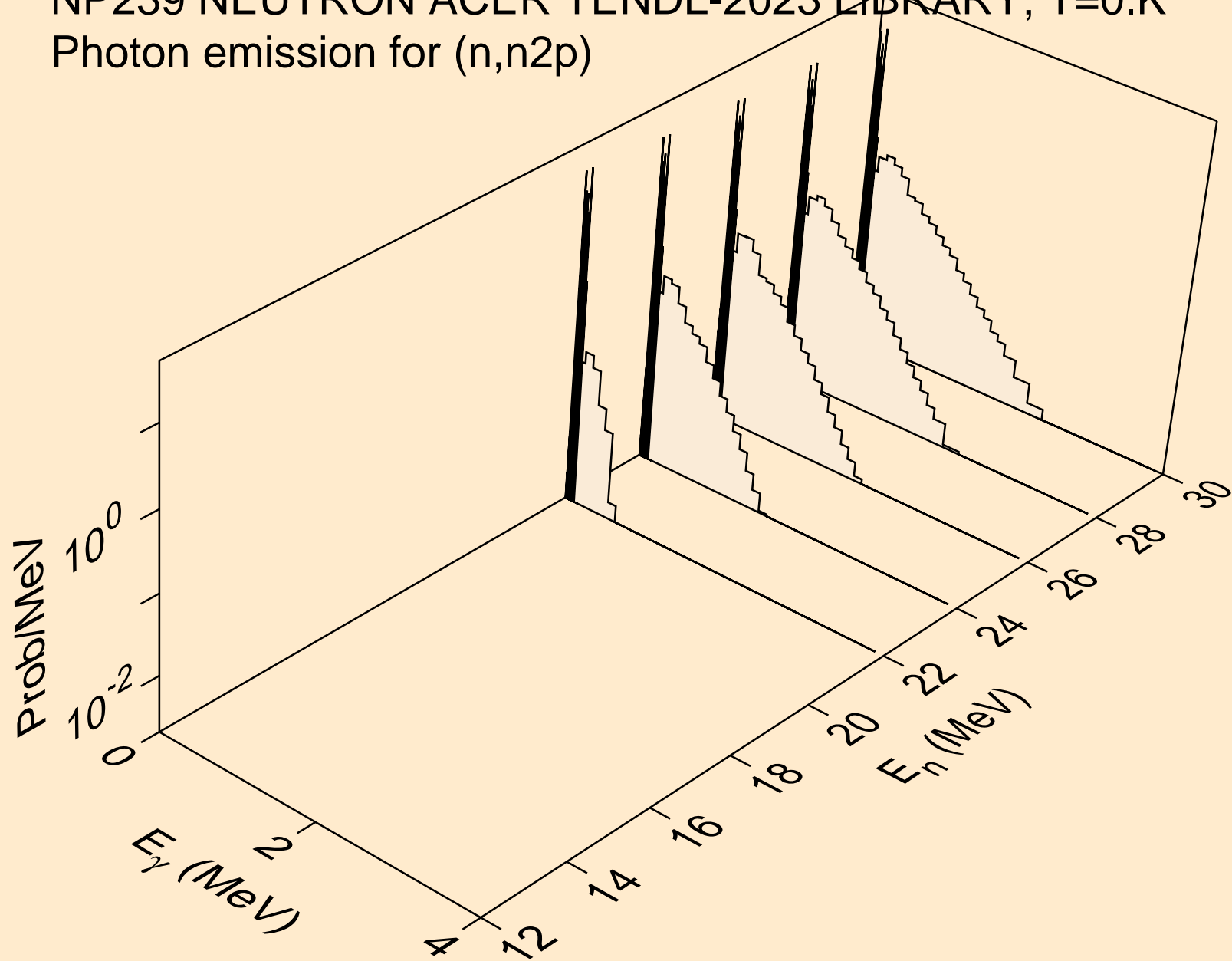
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



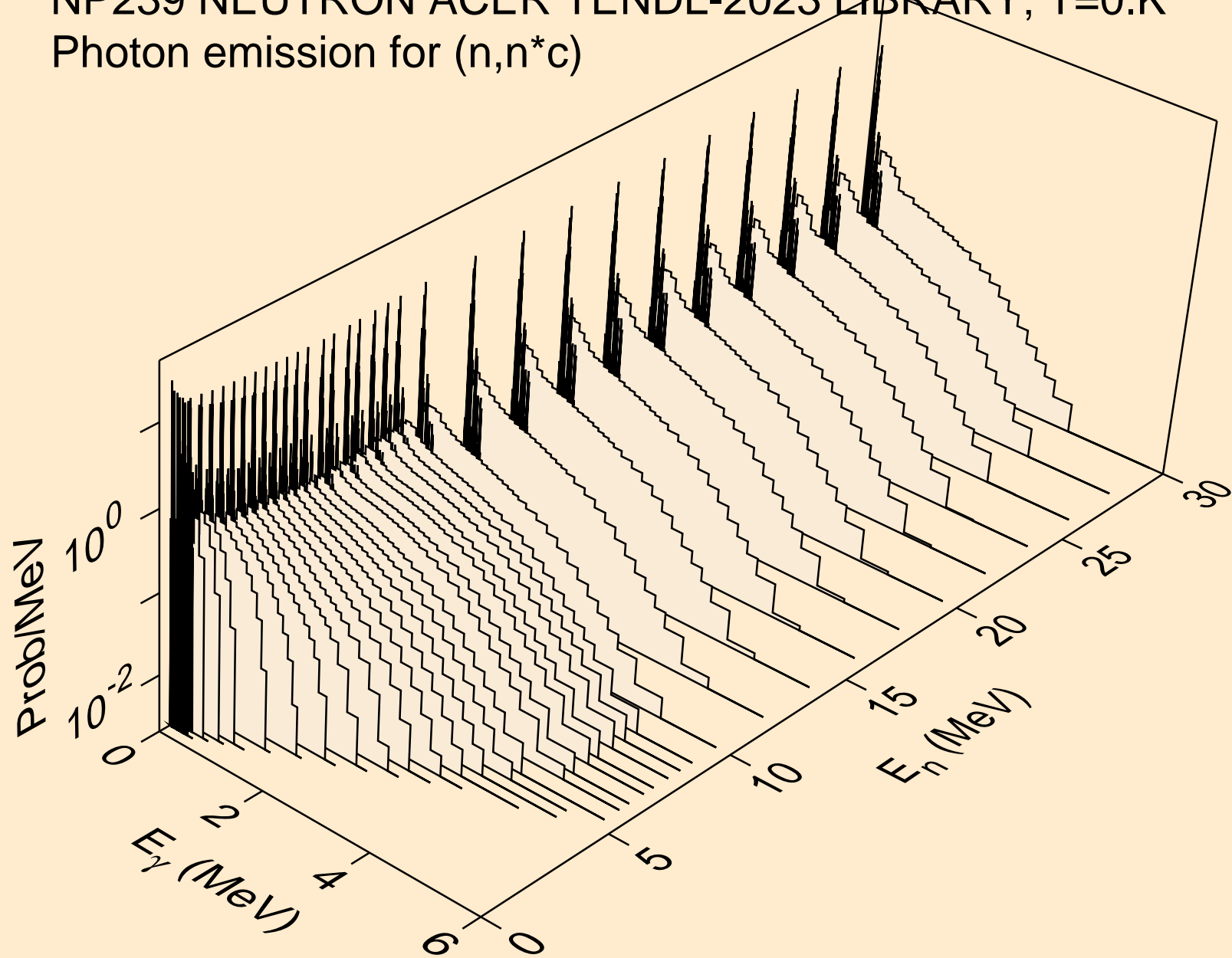
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



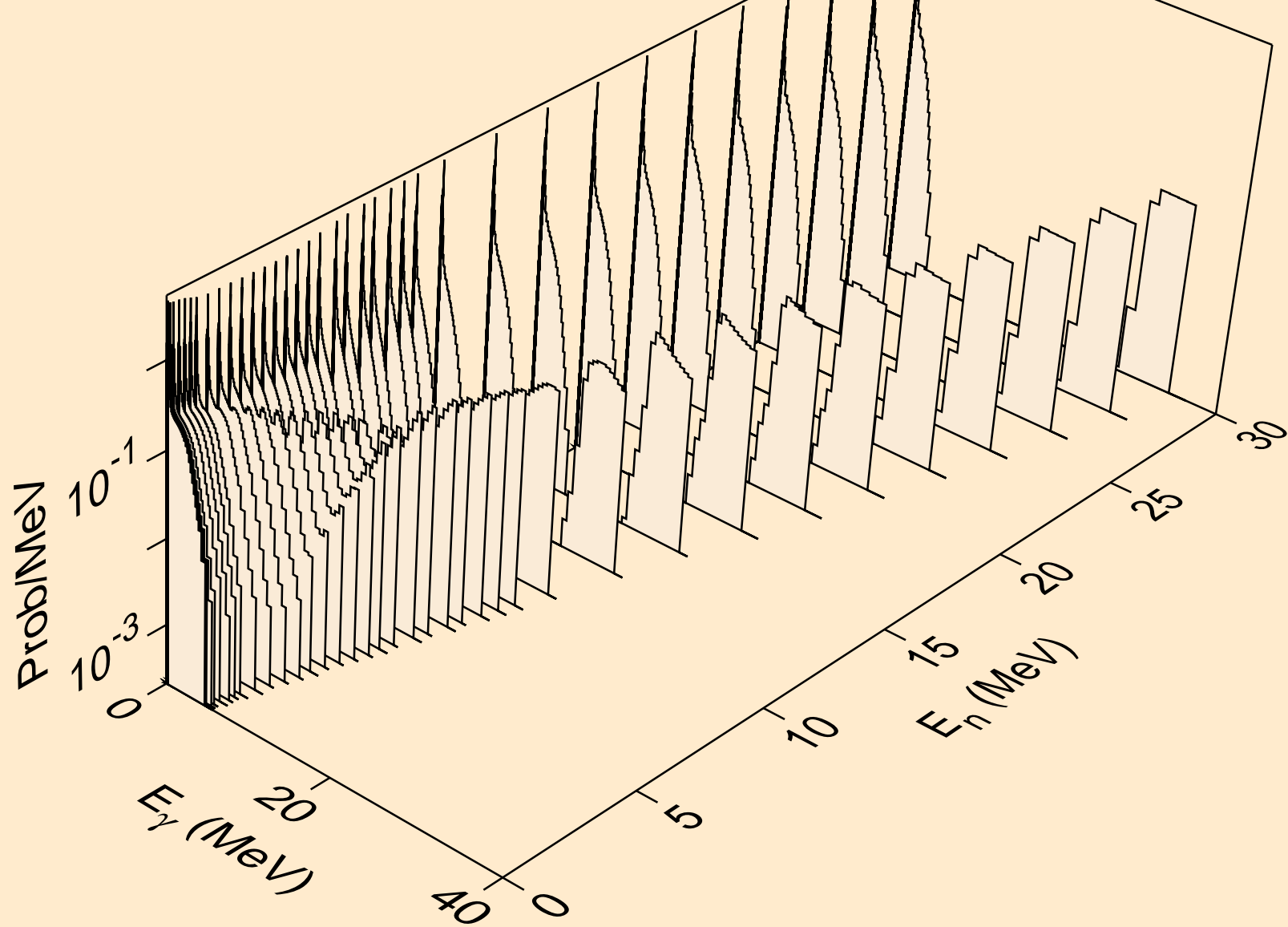
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



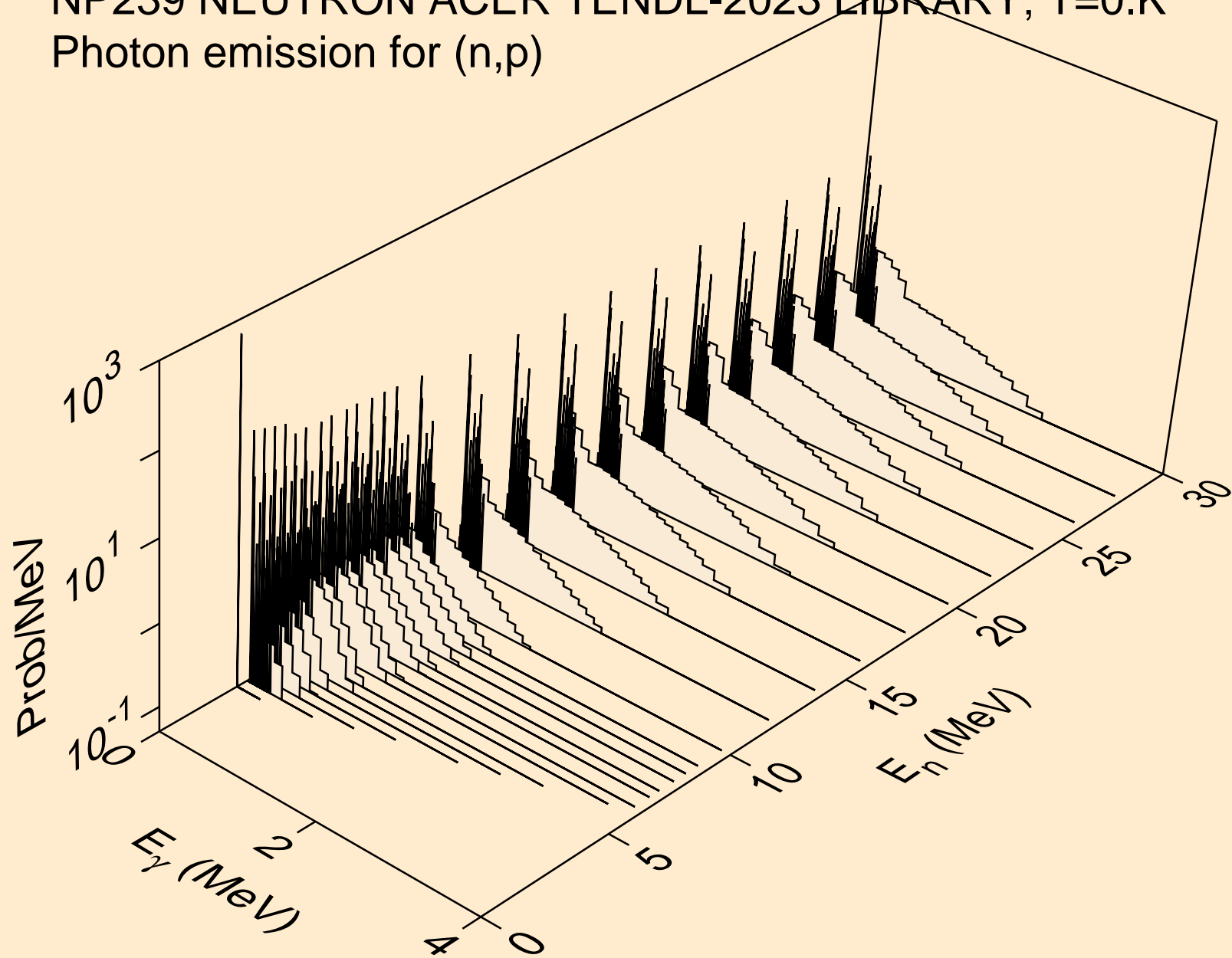
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



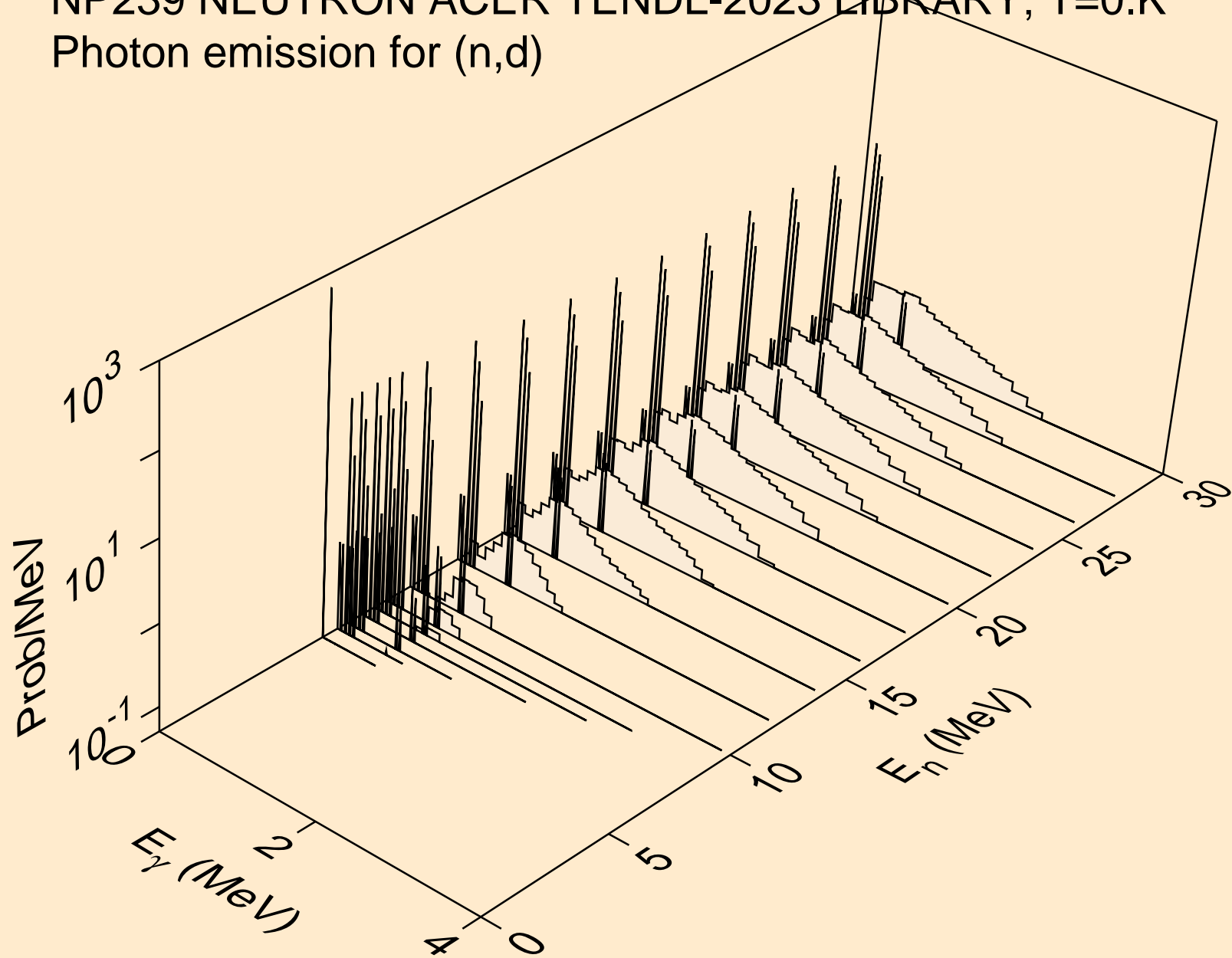
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



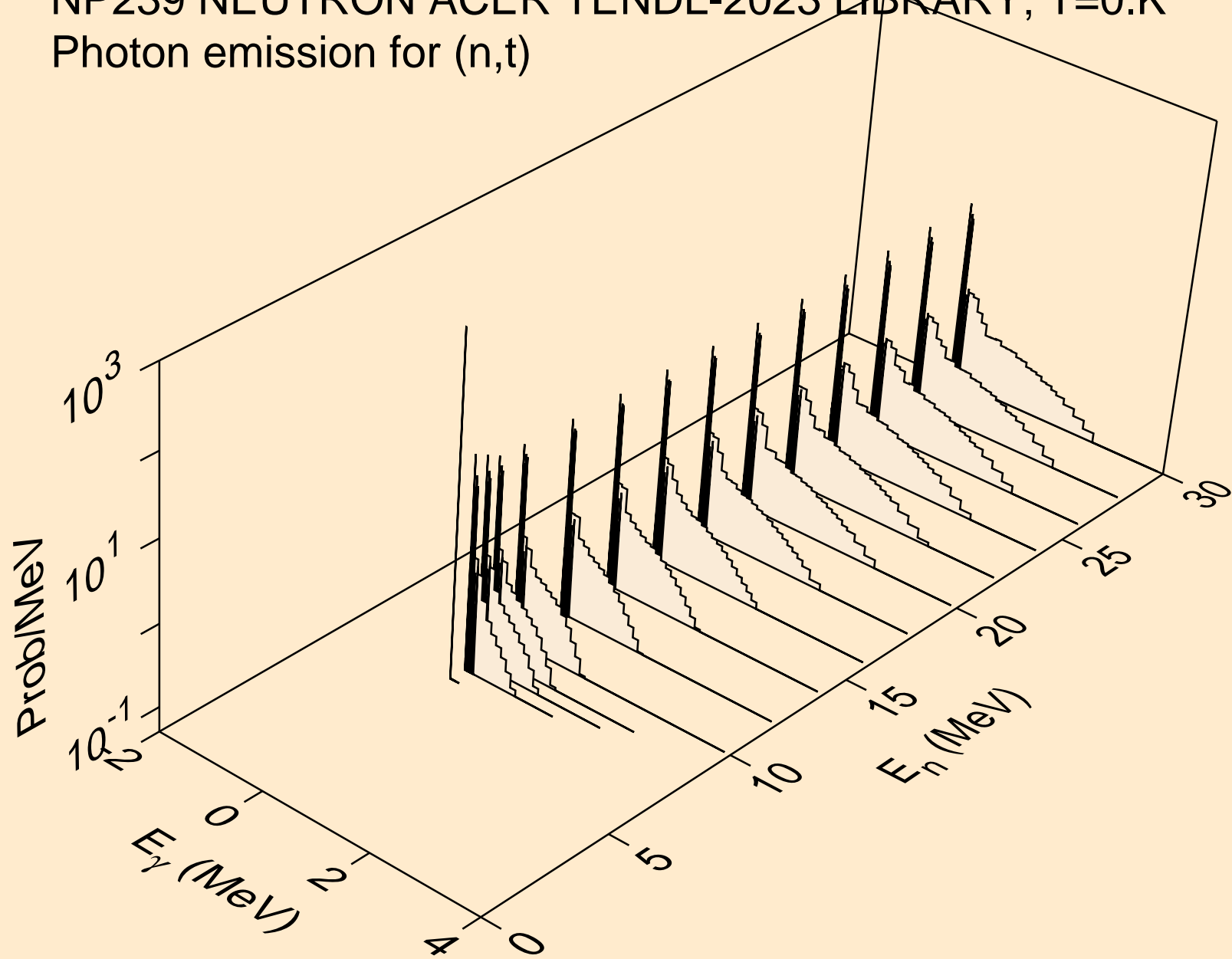
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



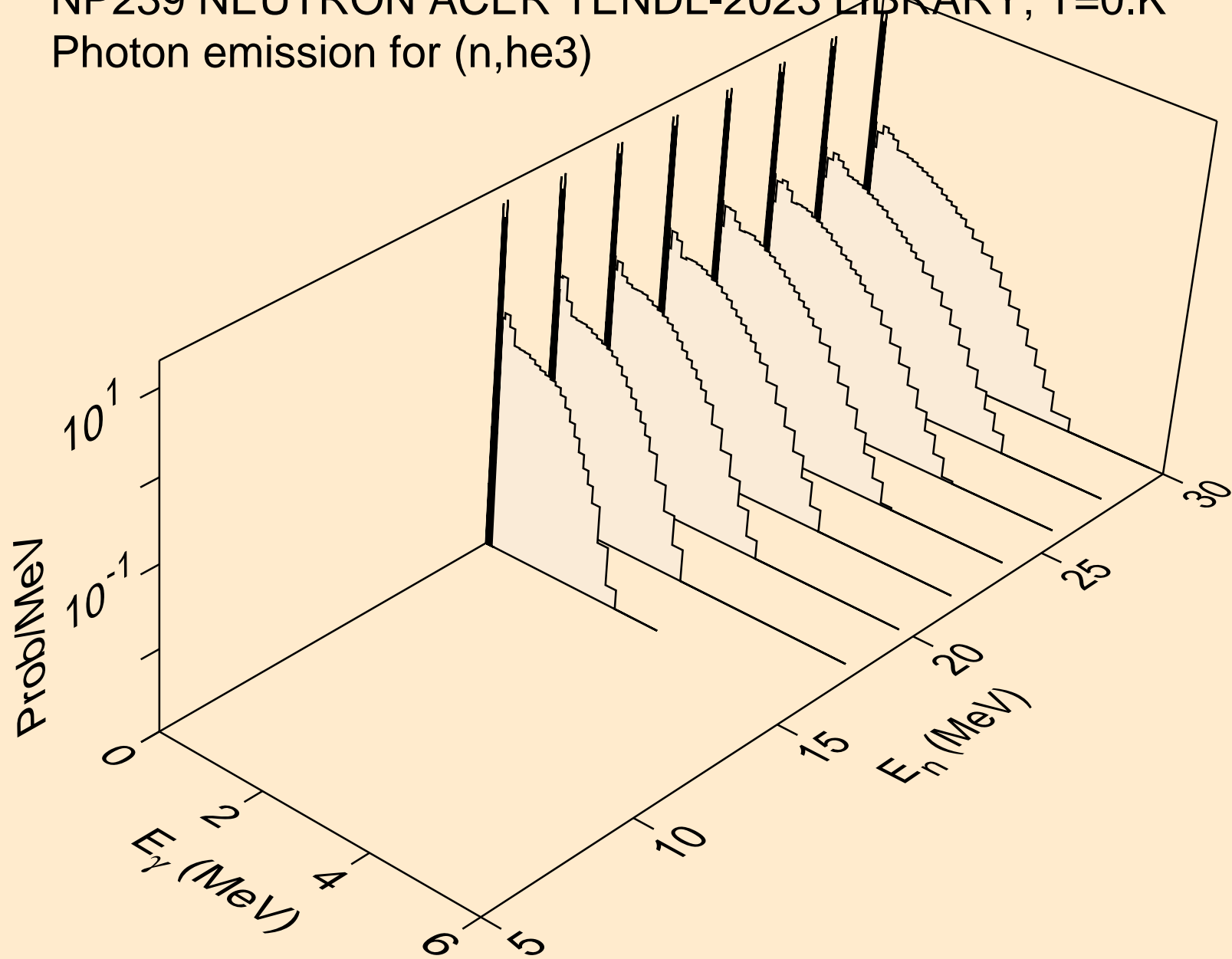
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



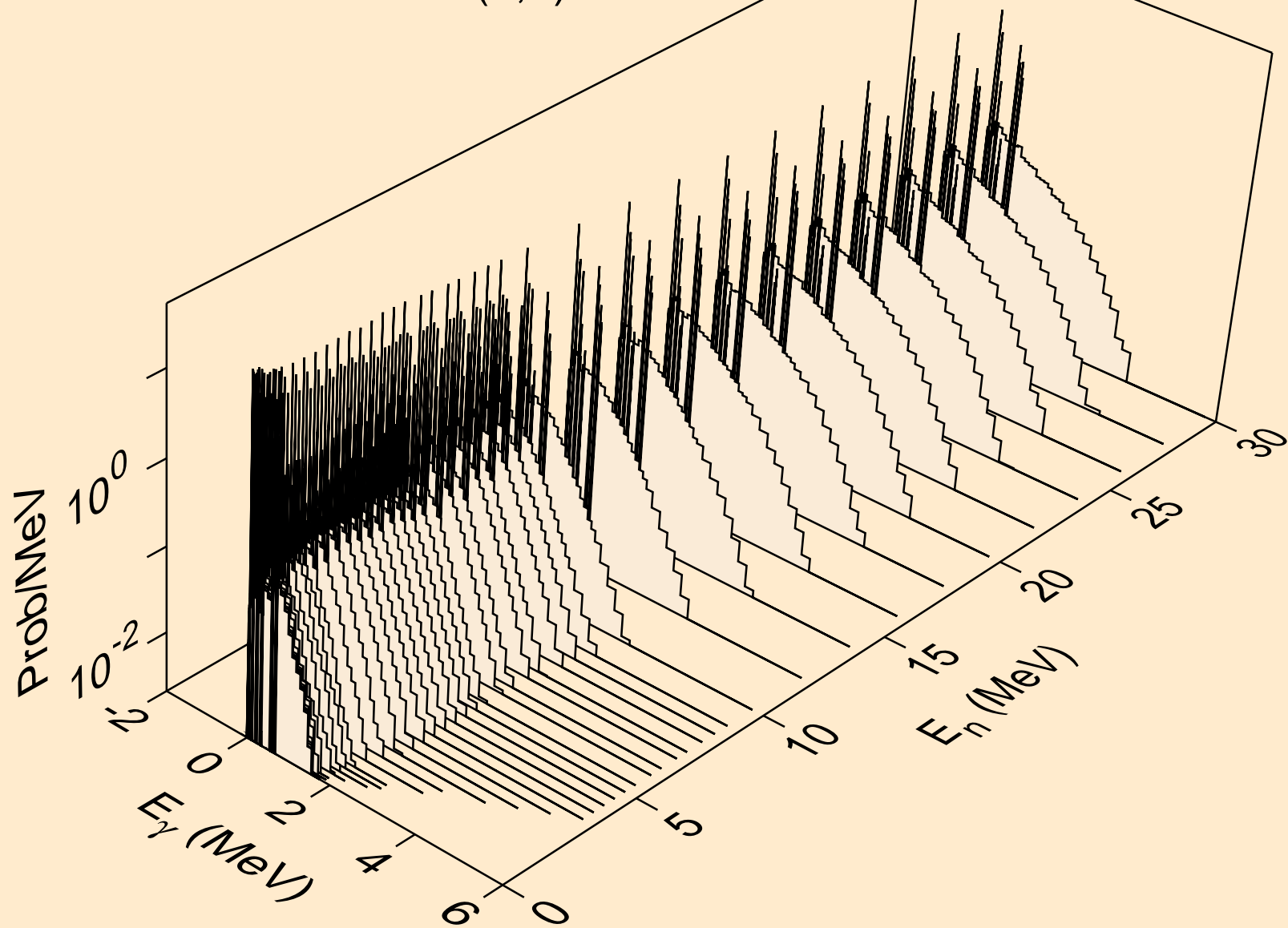
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



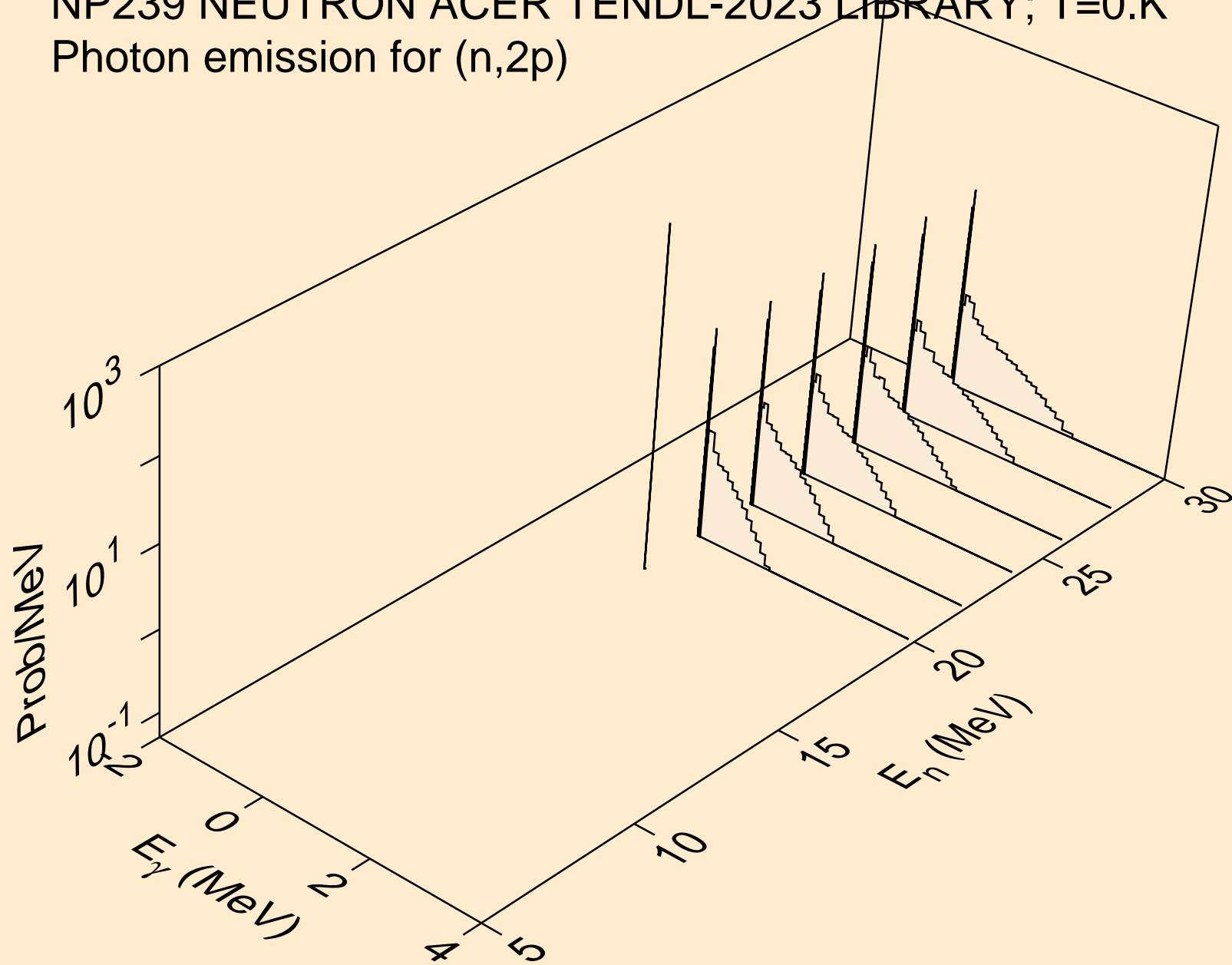
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



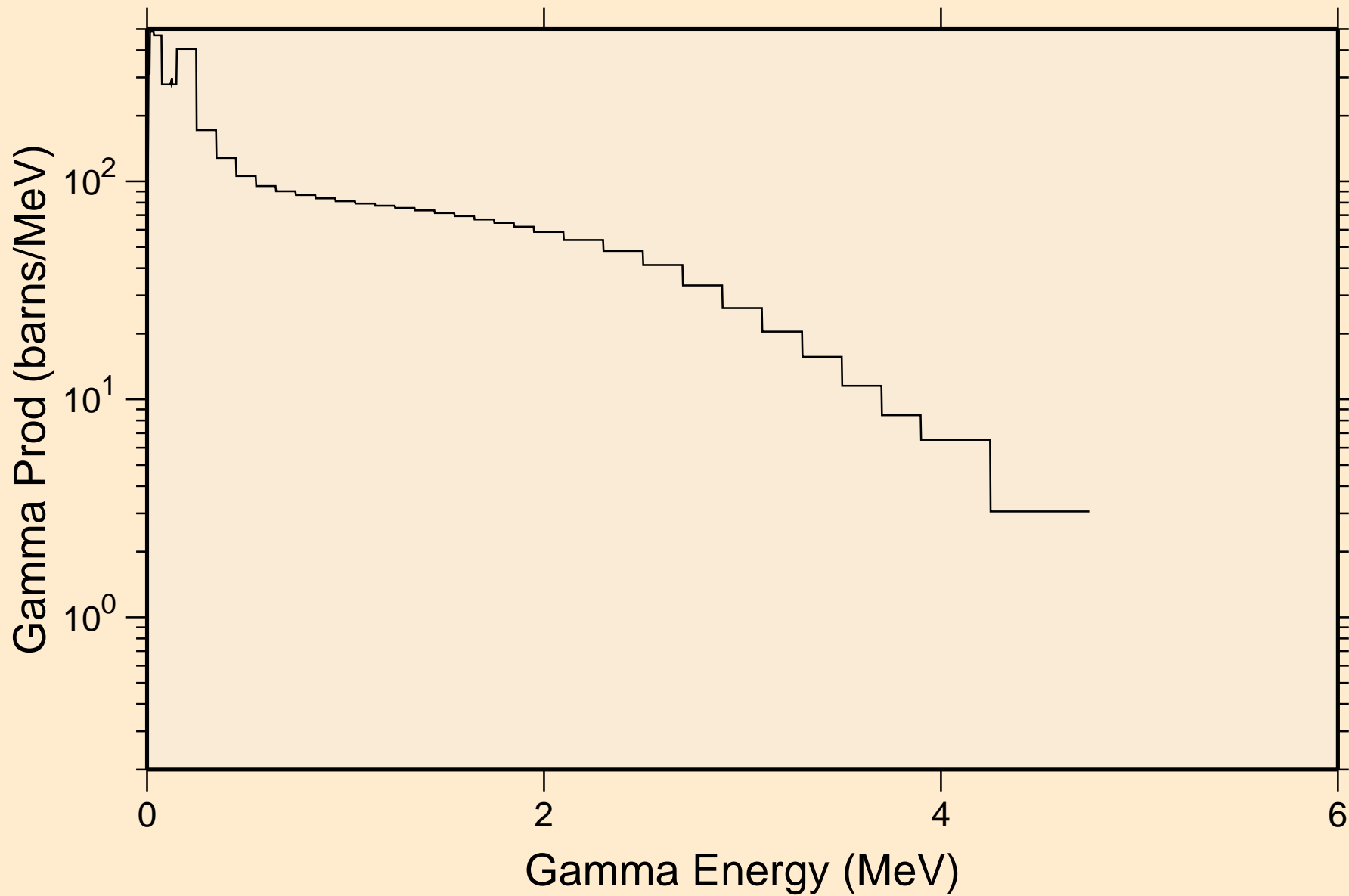
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



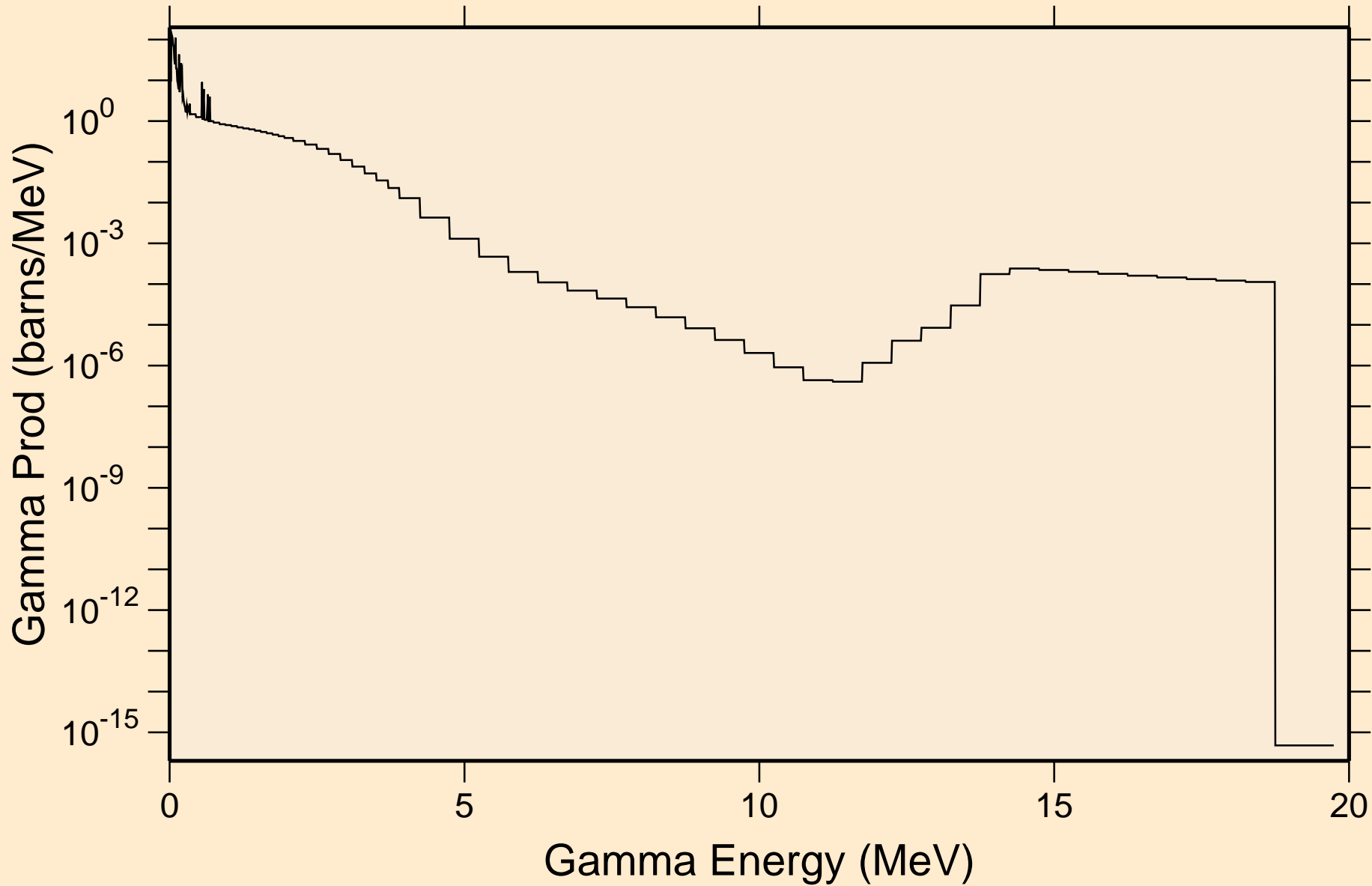
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



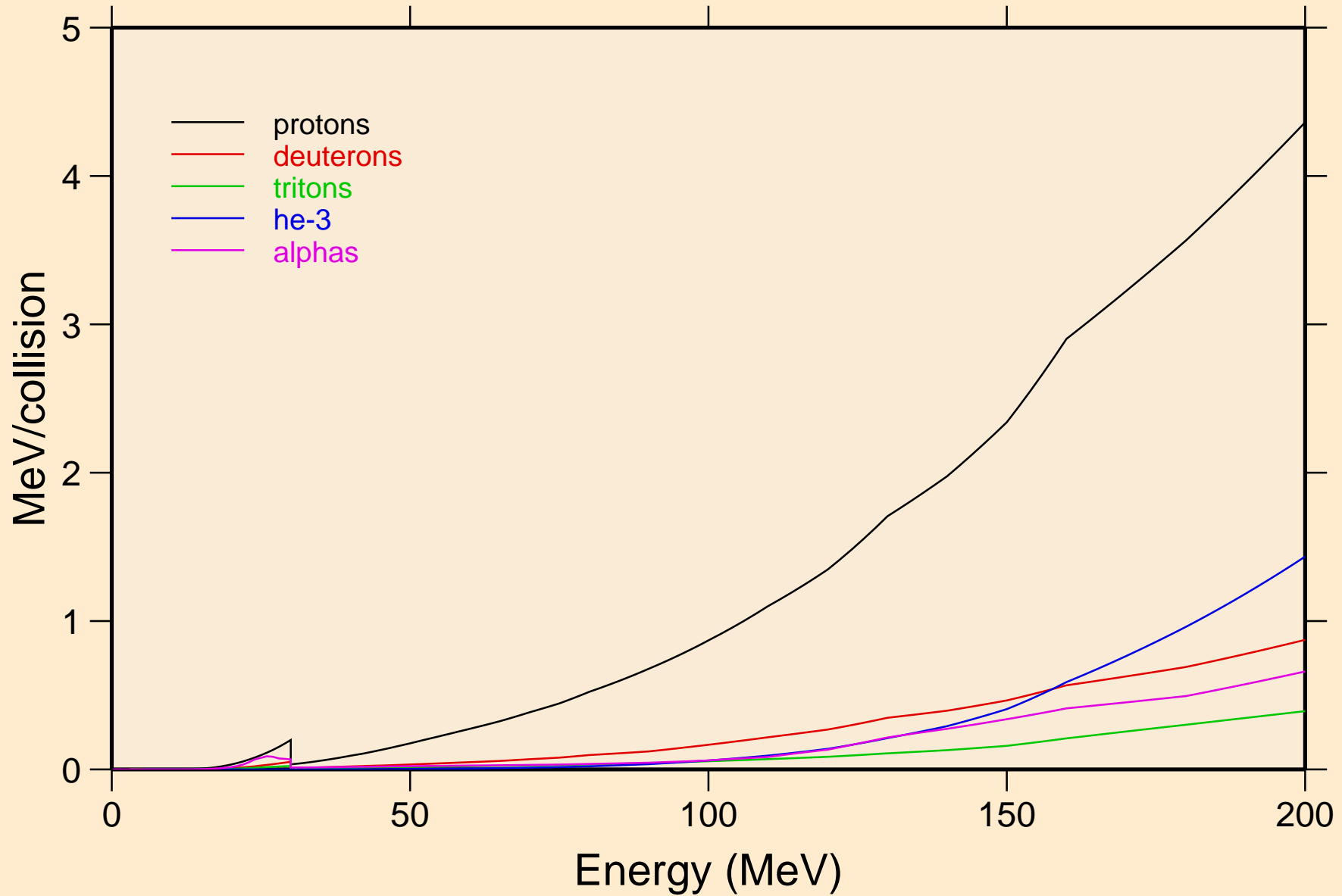
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum



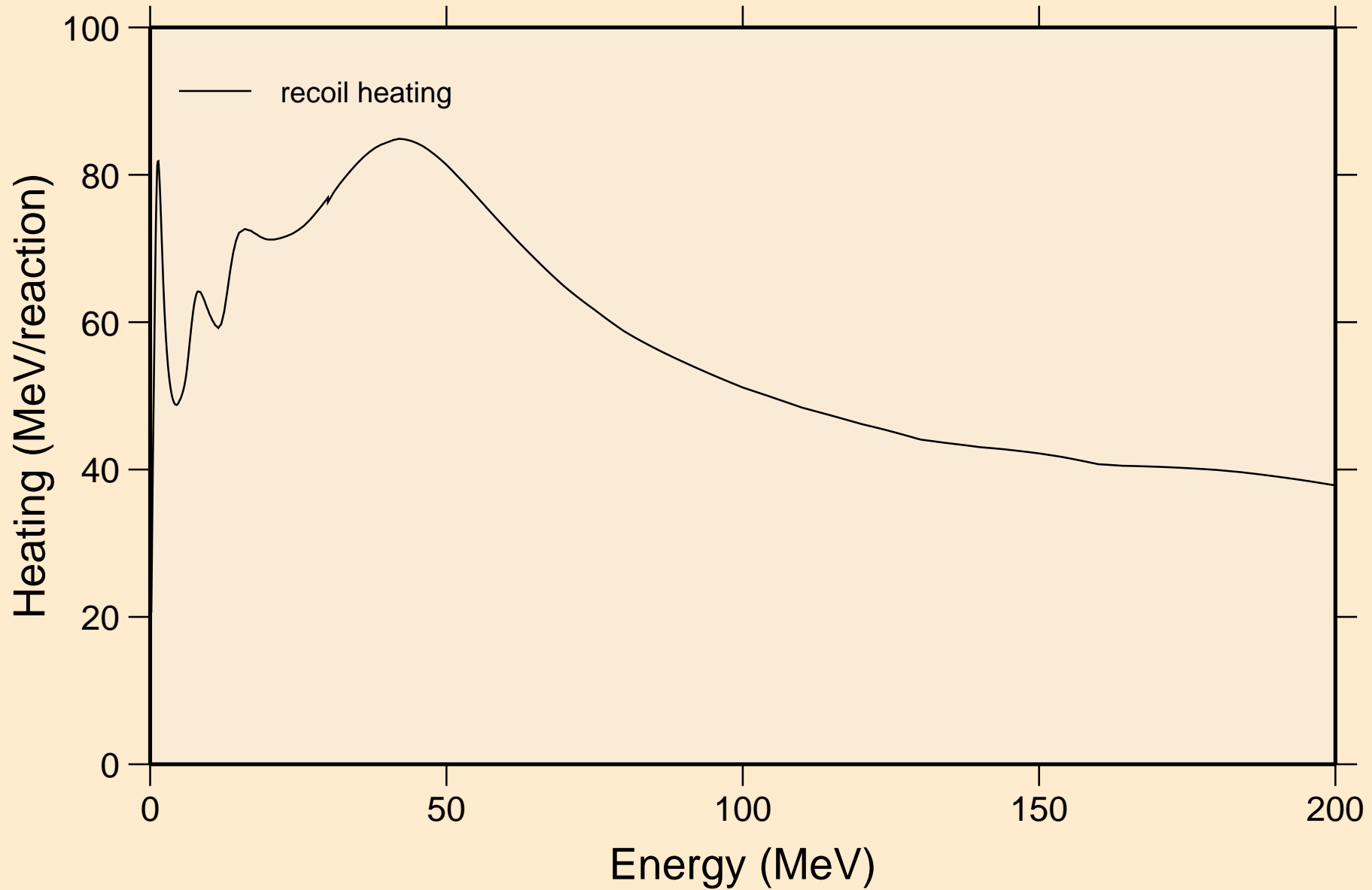
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

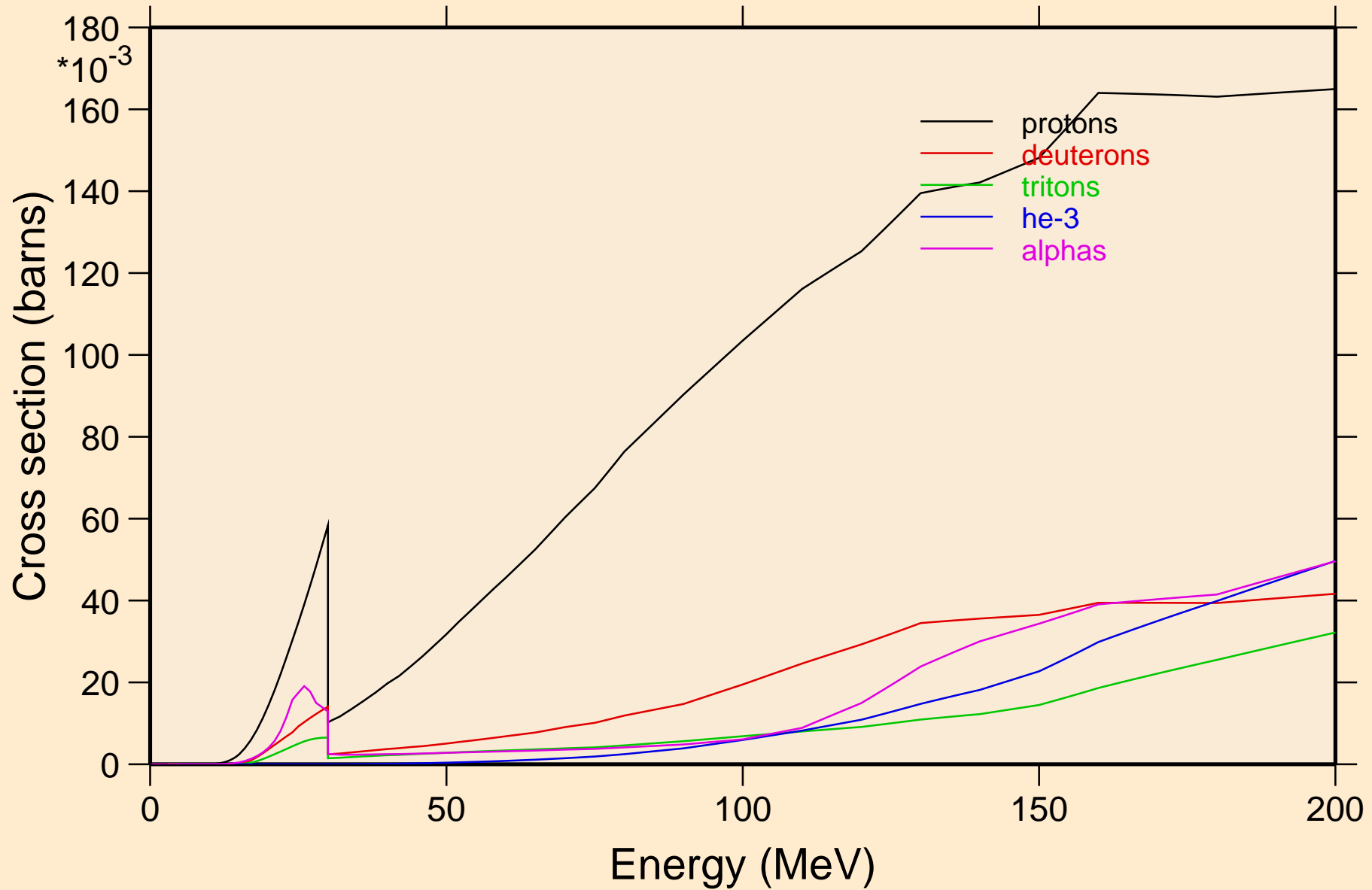


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

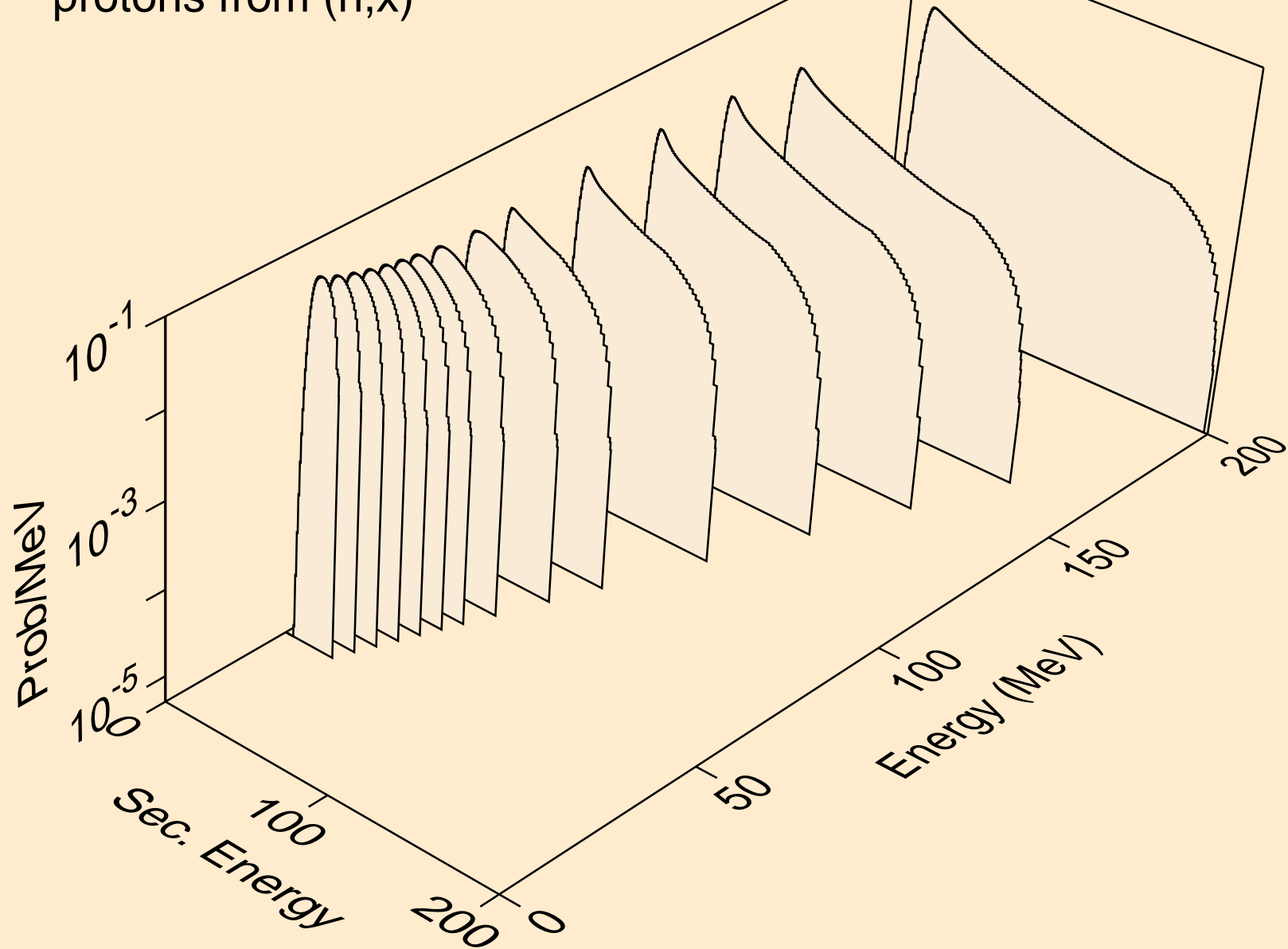


NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

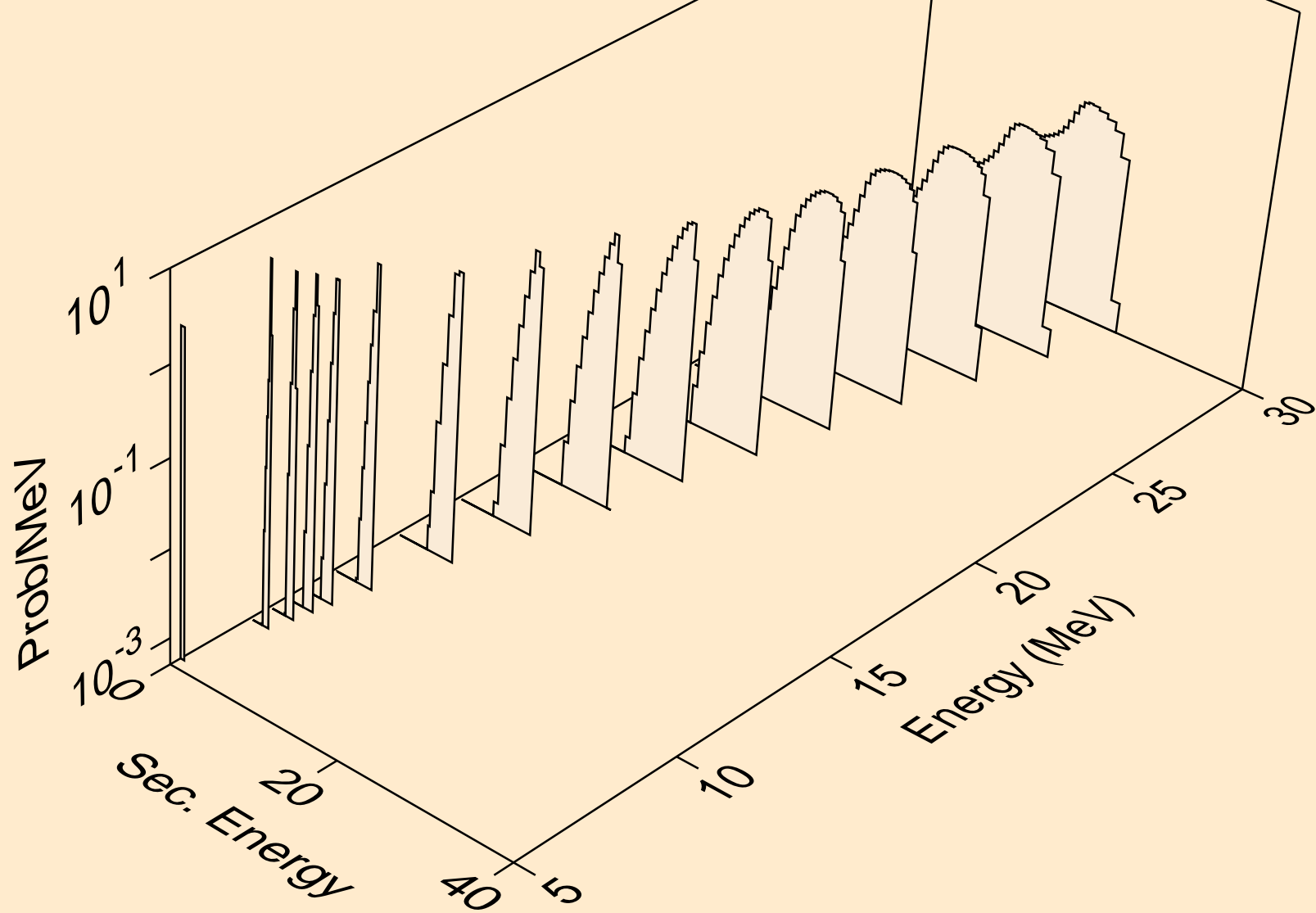
Particle production cross sections



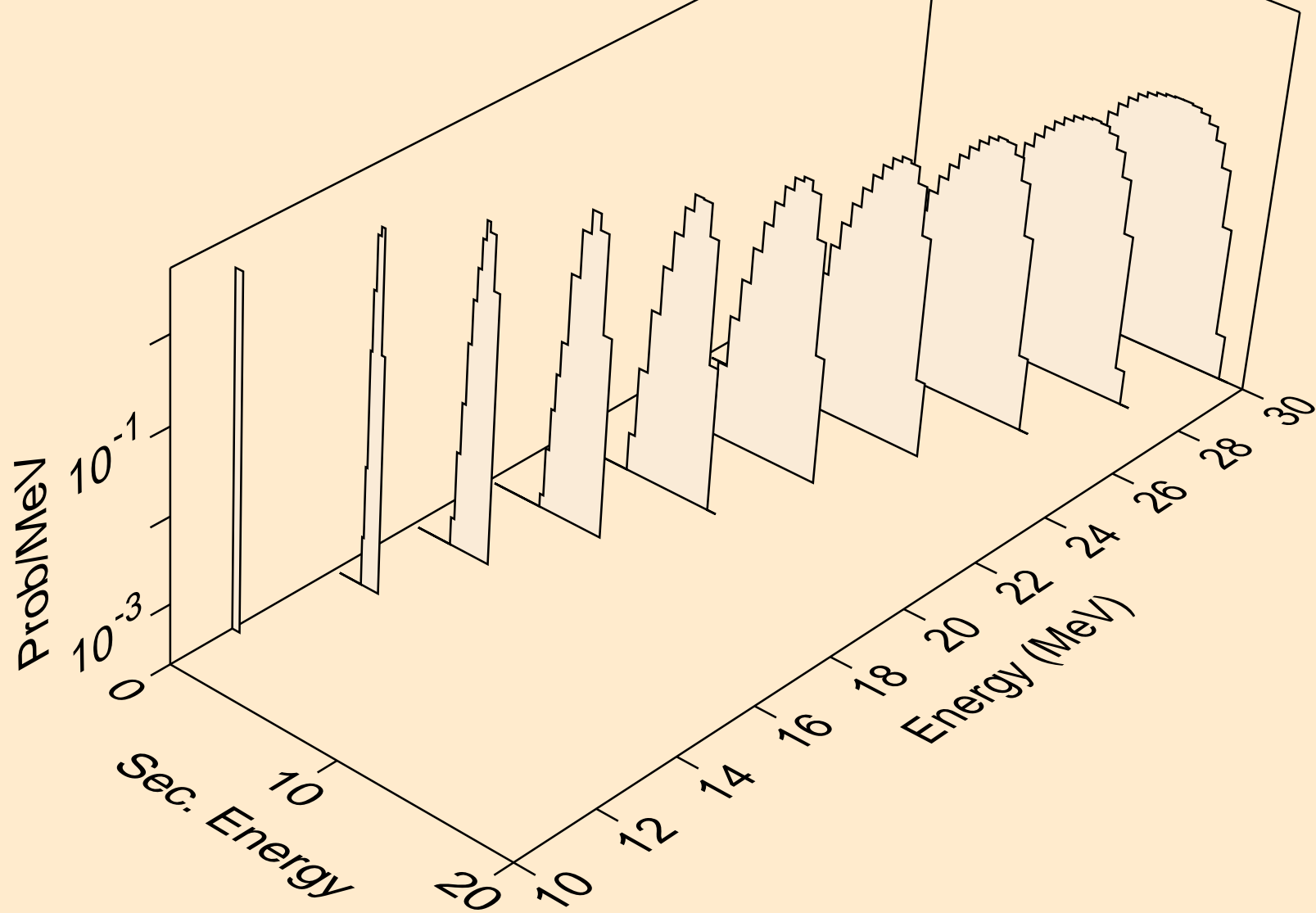
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



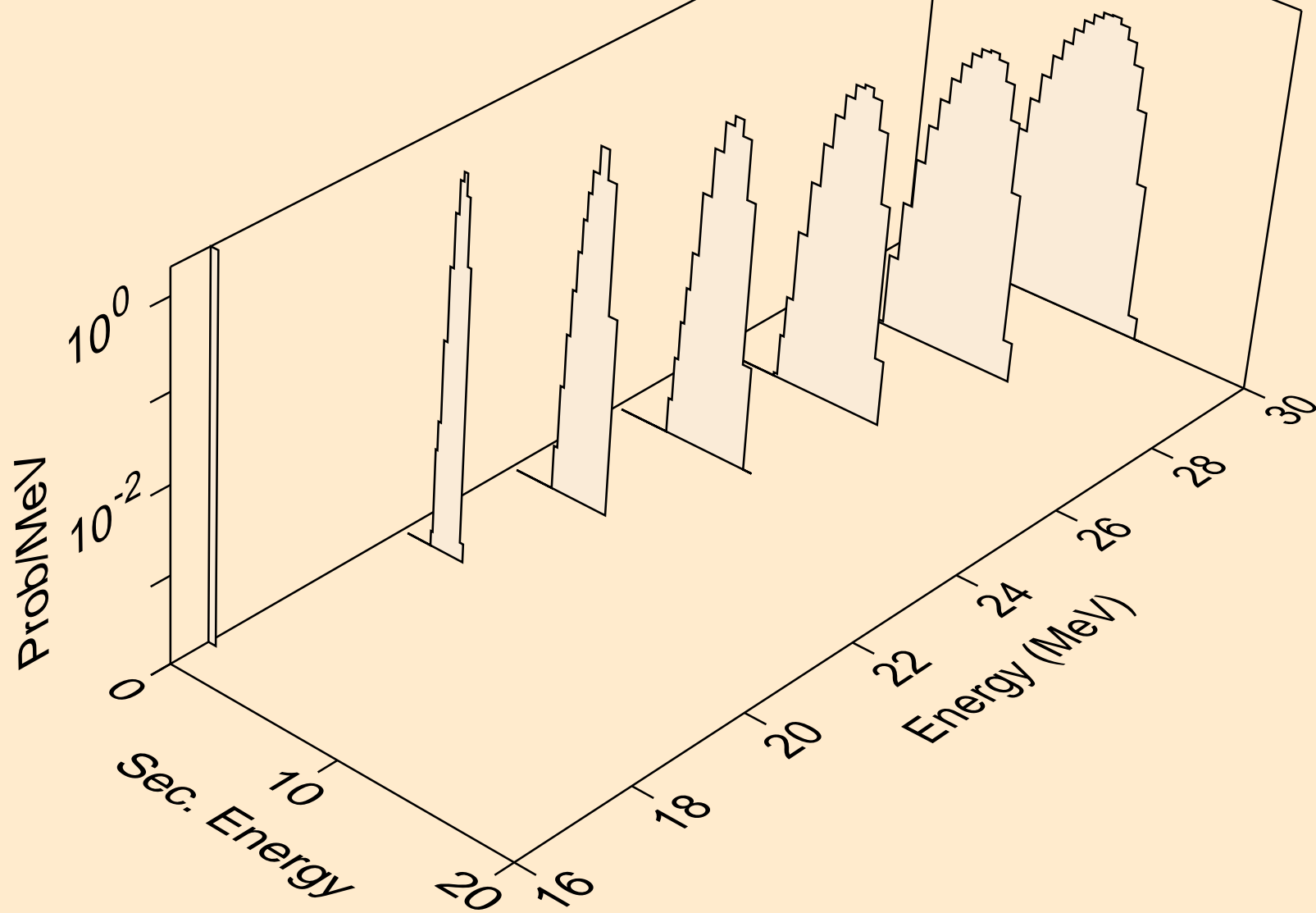
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



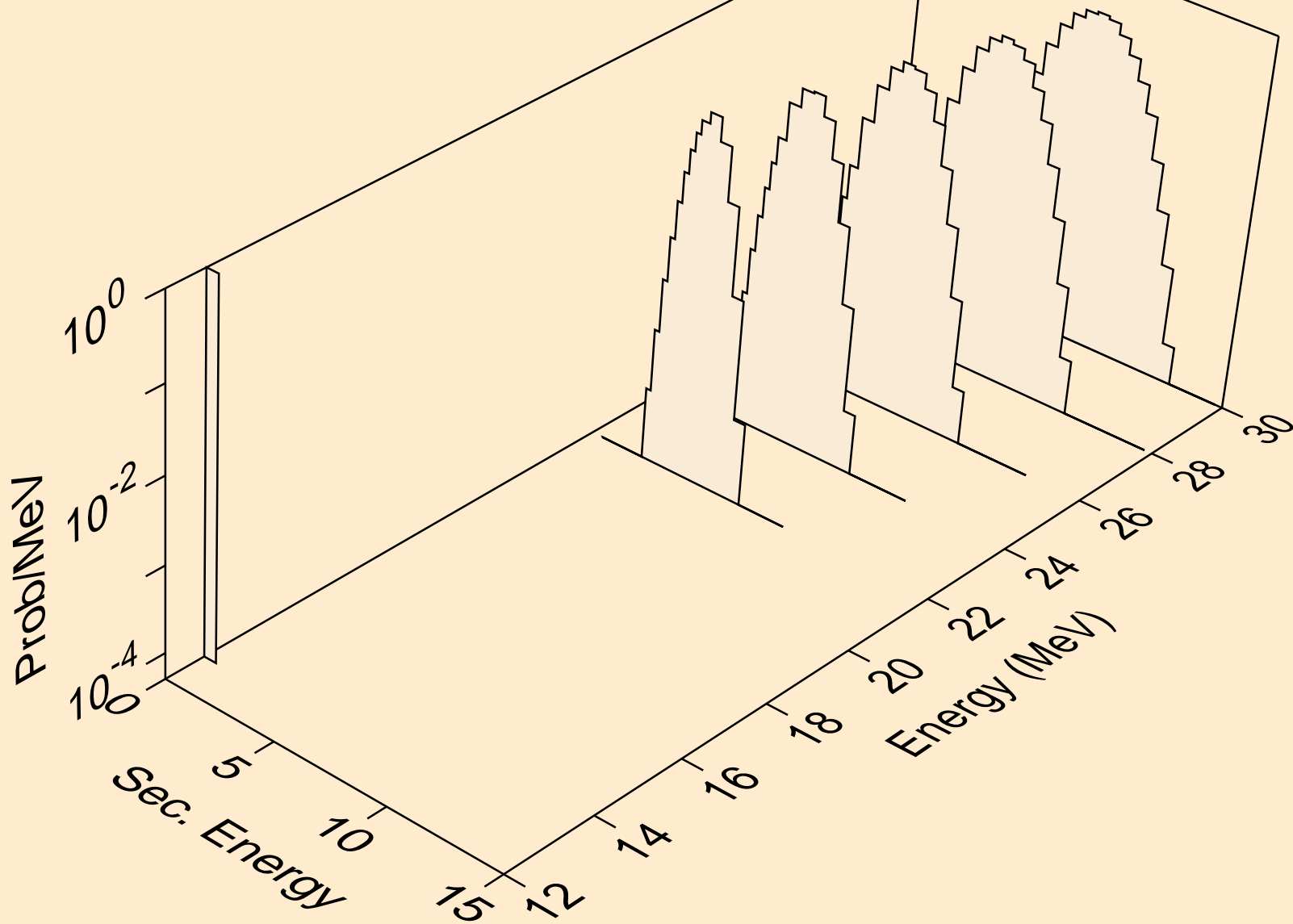
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



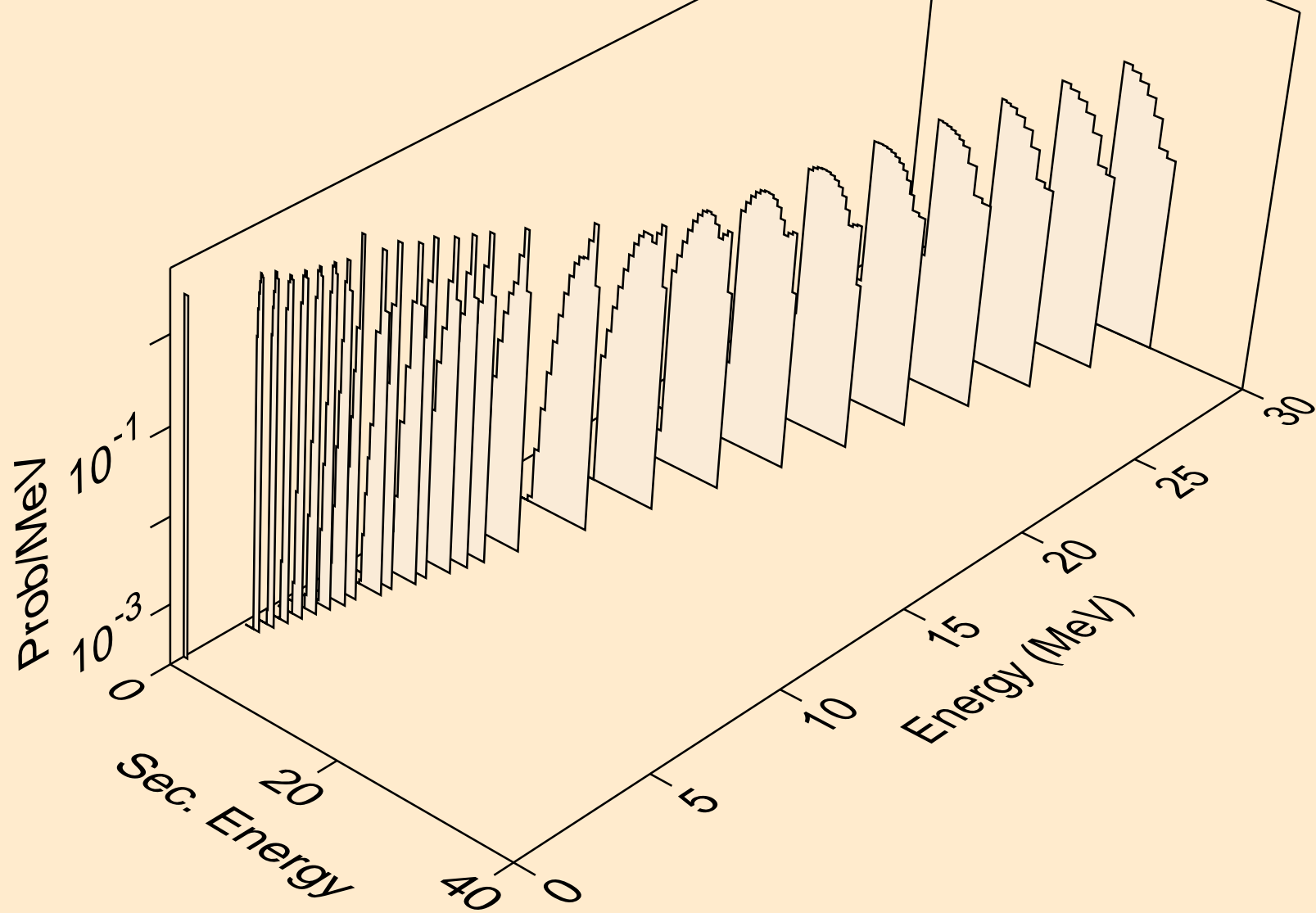
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,3np)



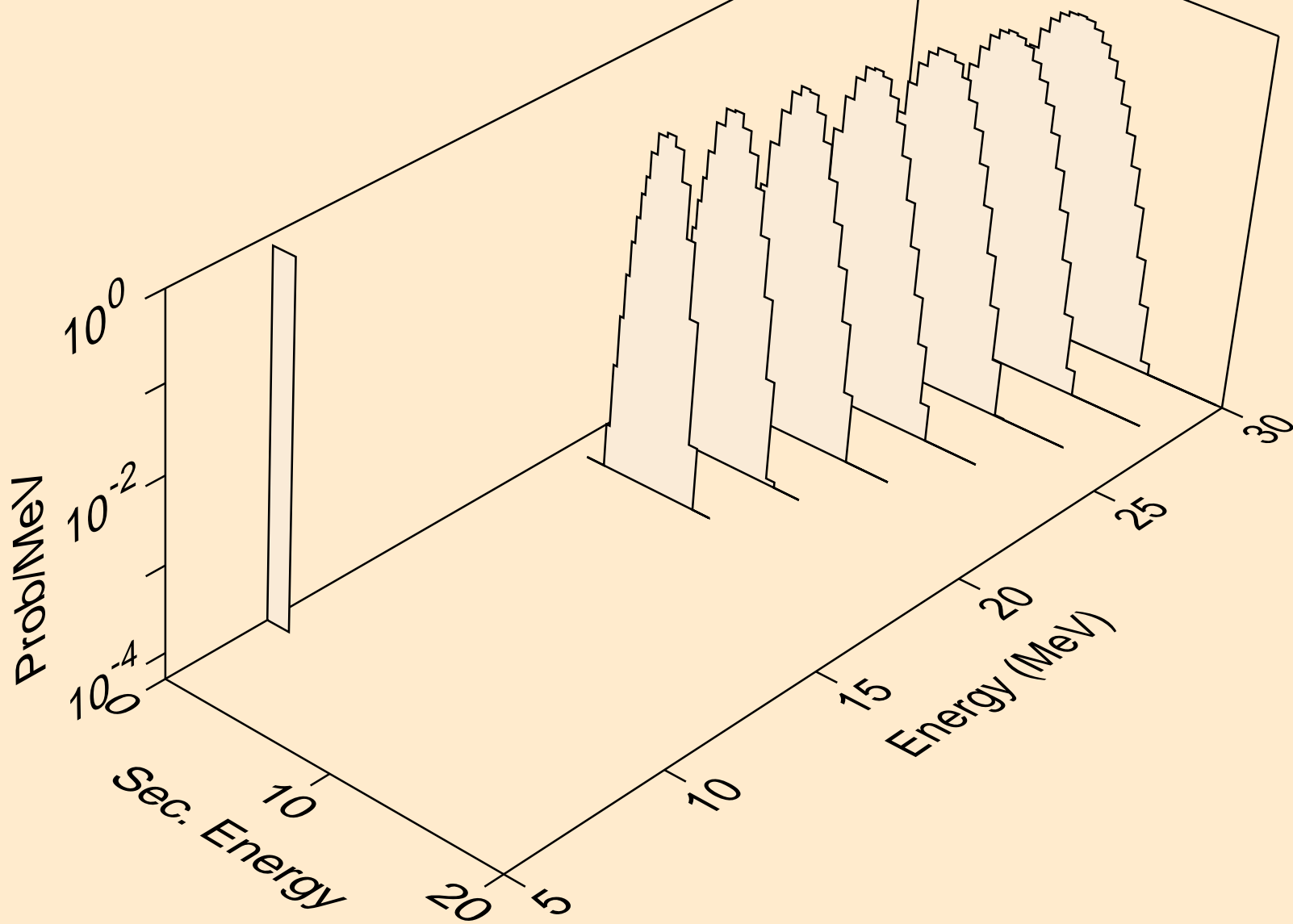
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



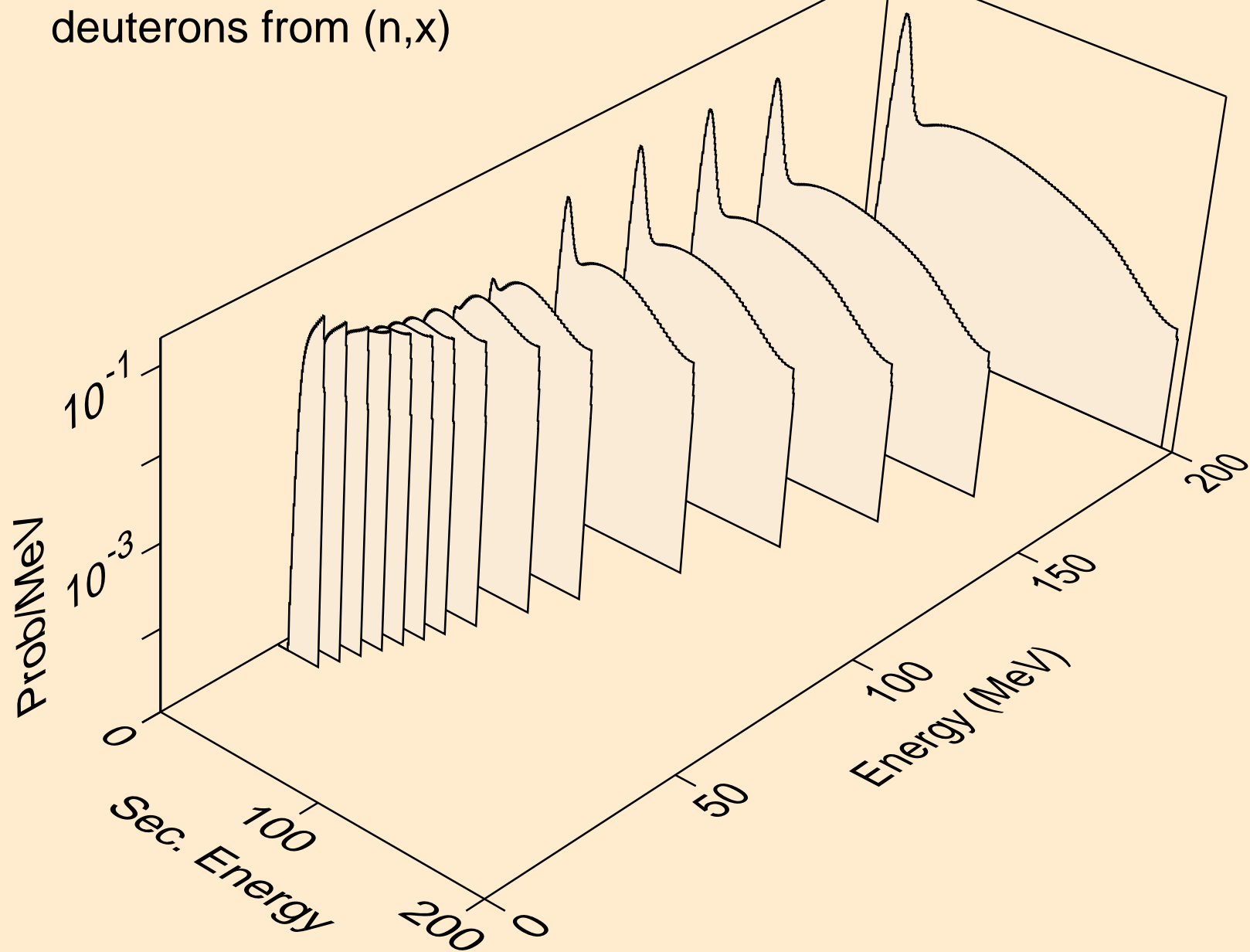
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



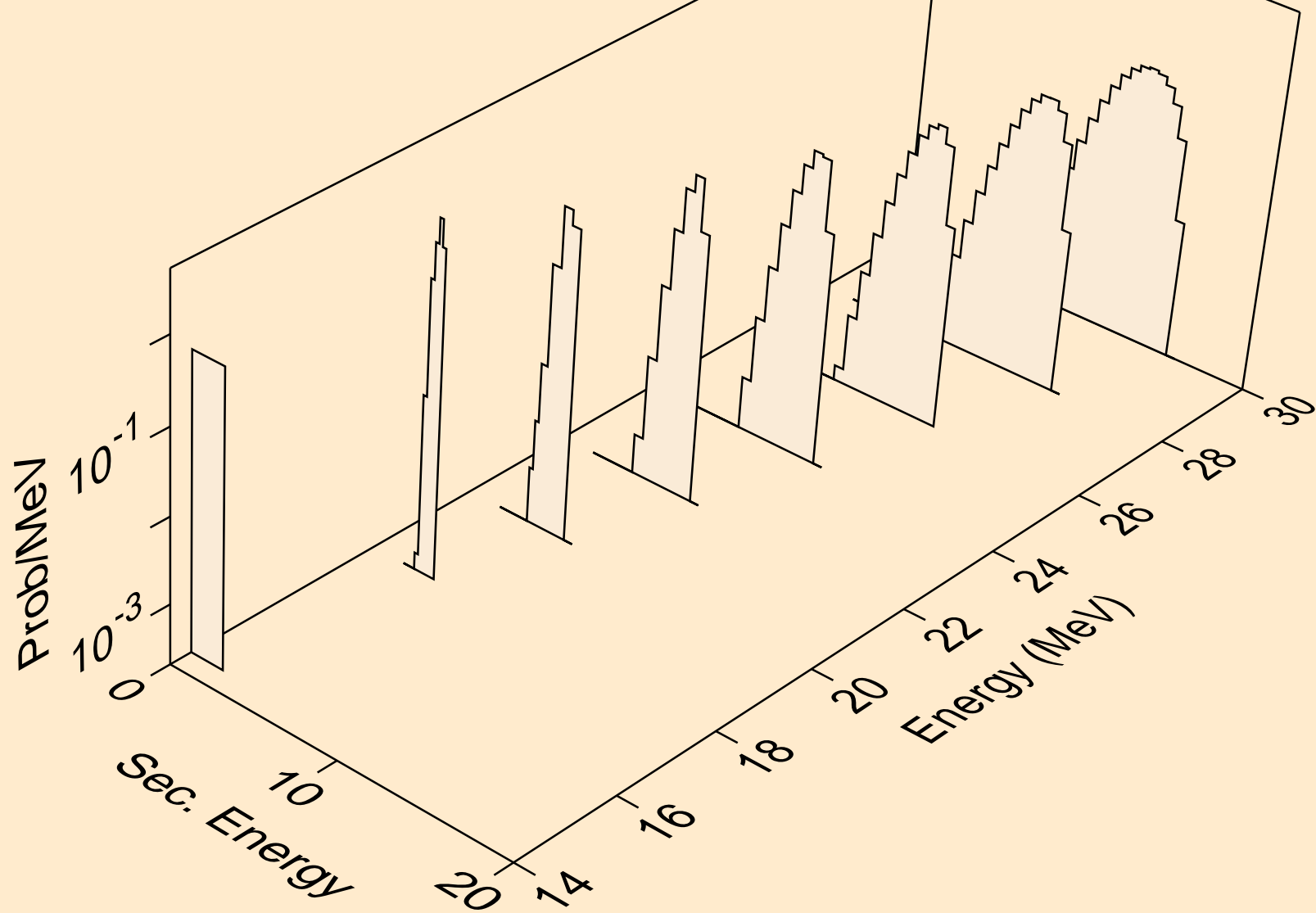
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2p)



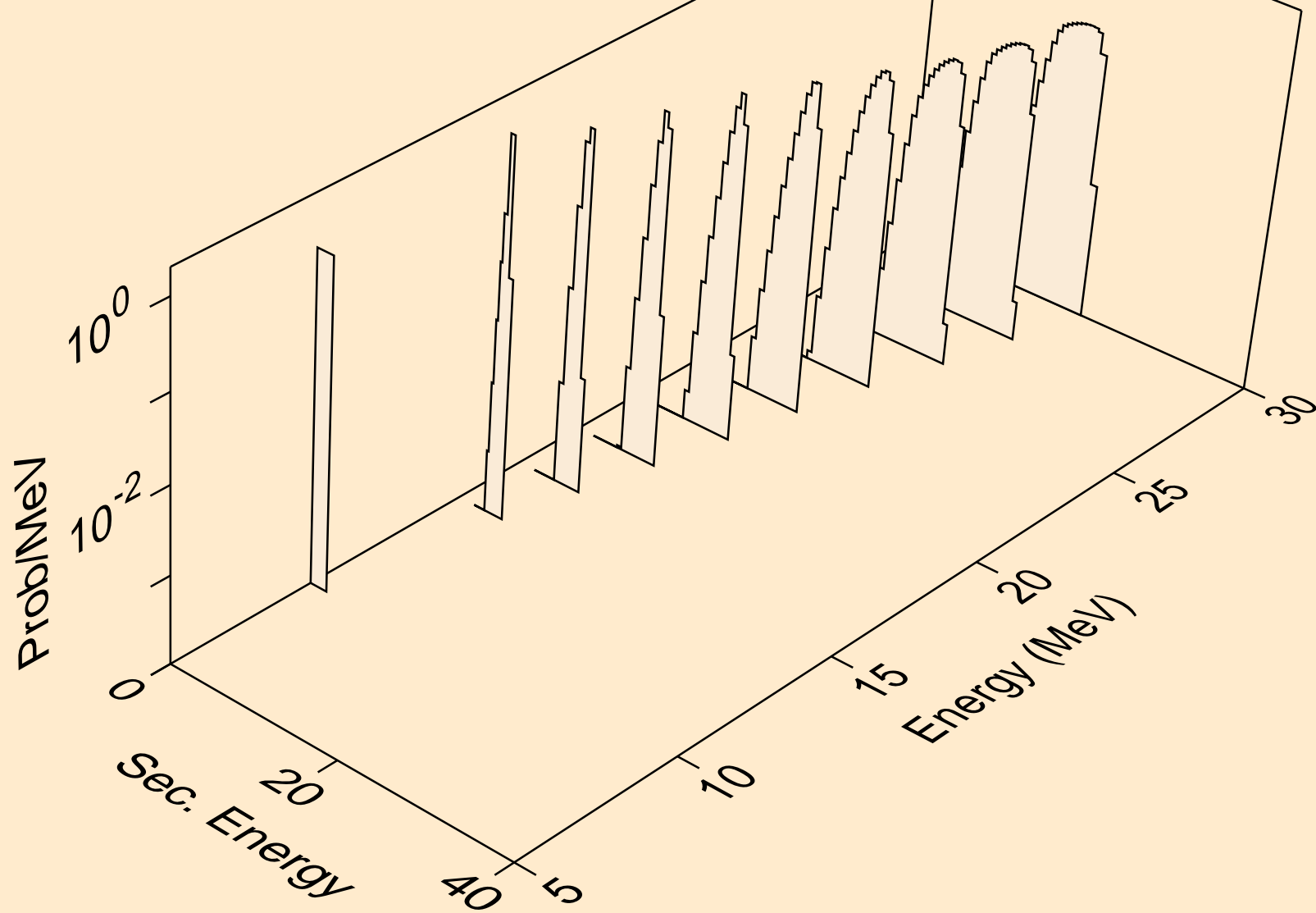
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



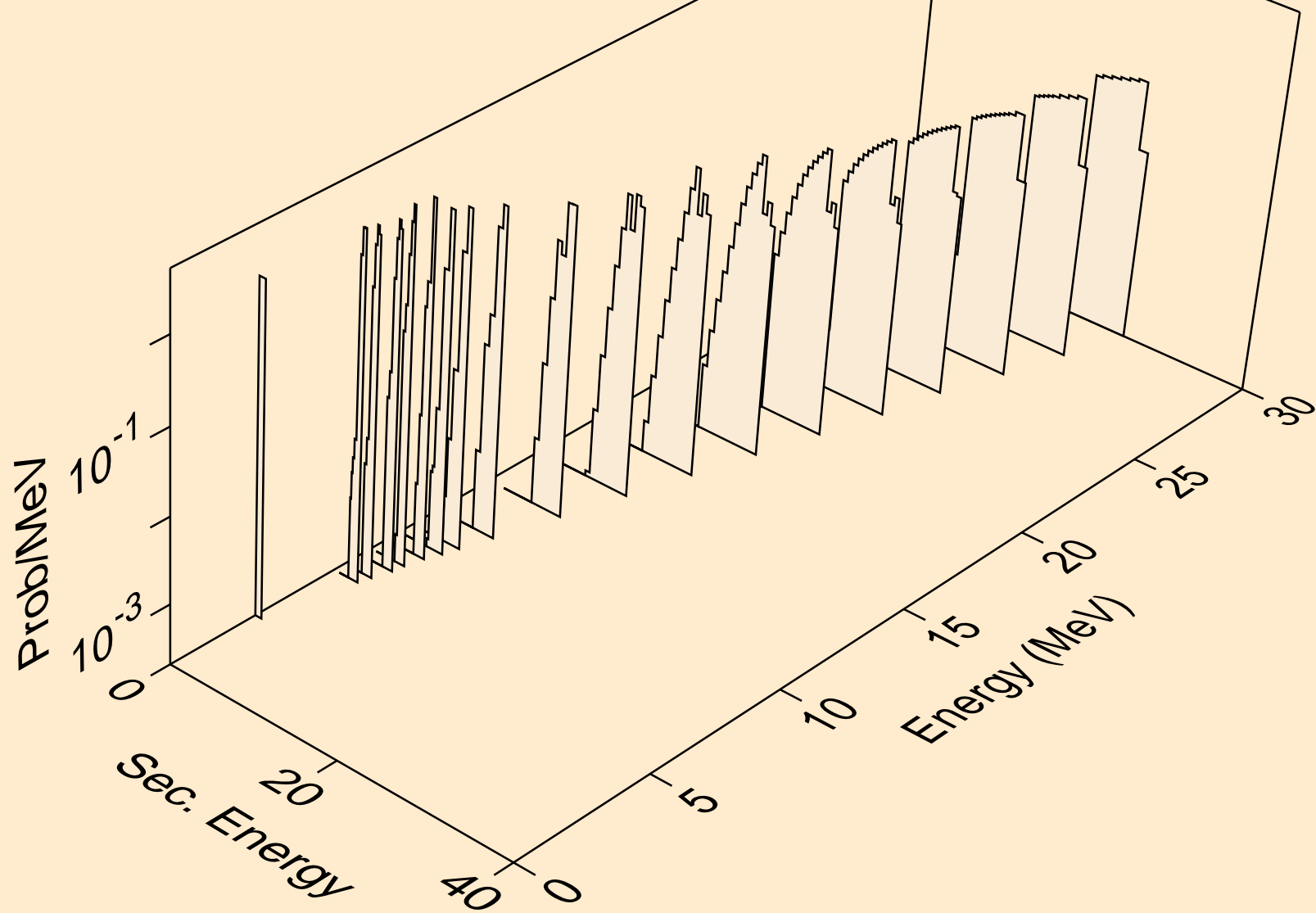
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,2nd)



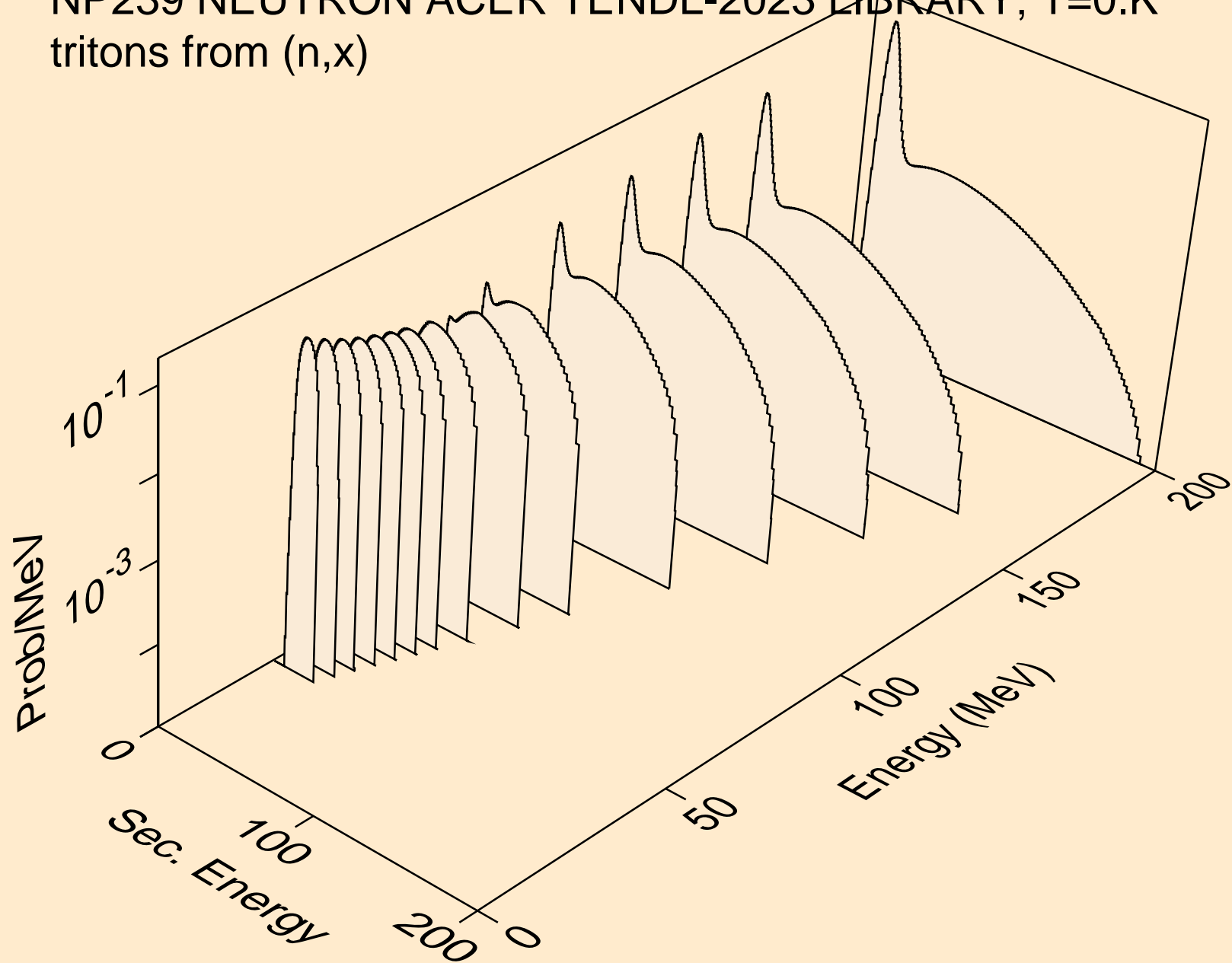
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



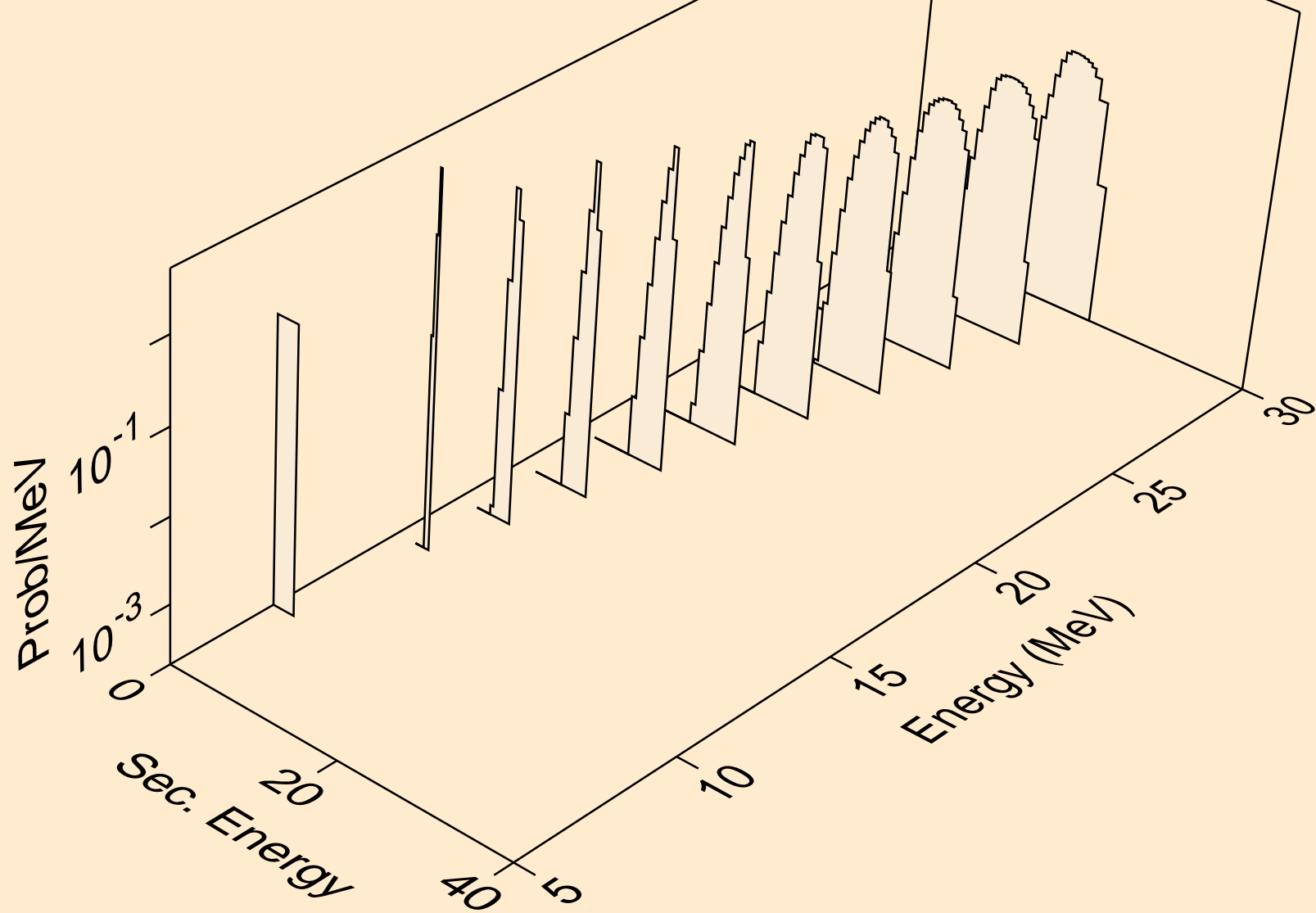
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d)



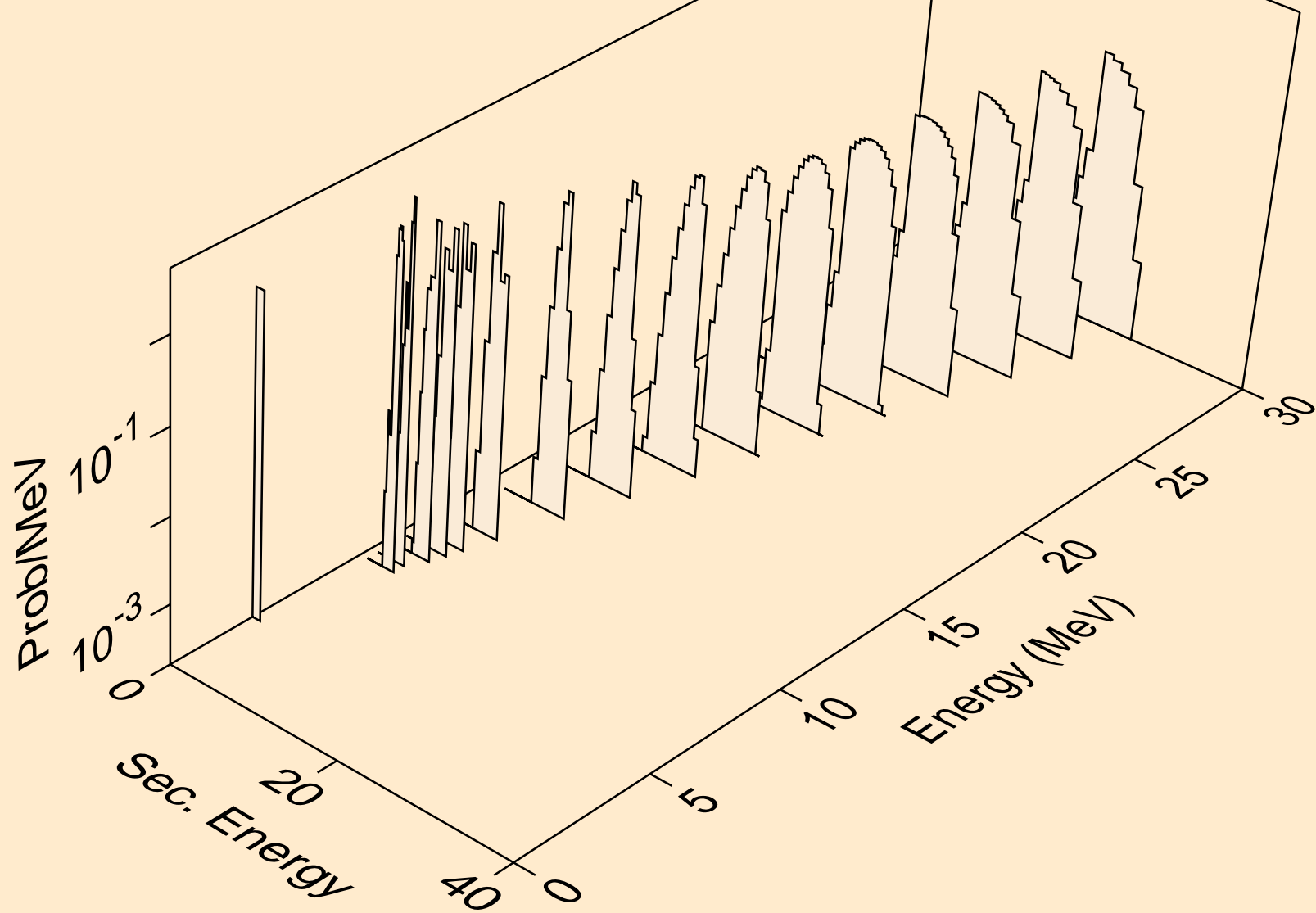
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



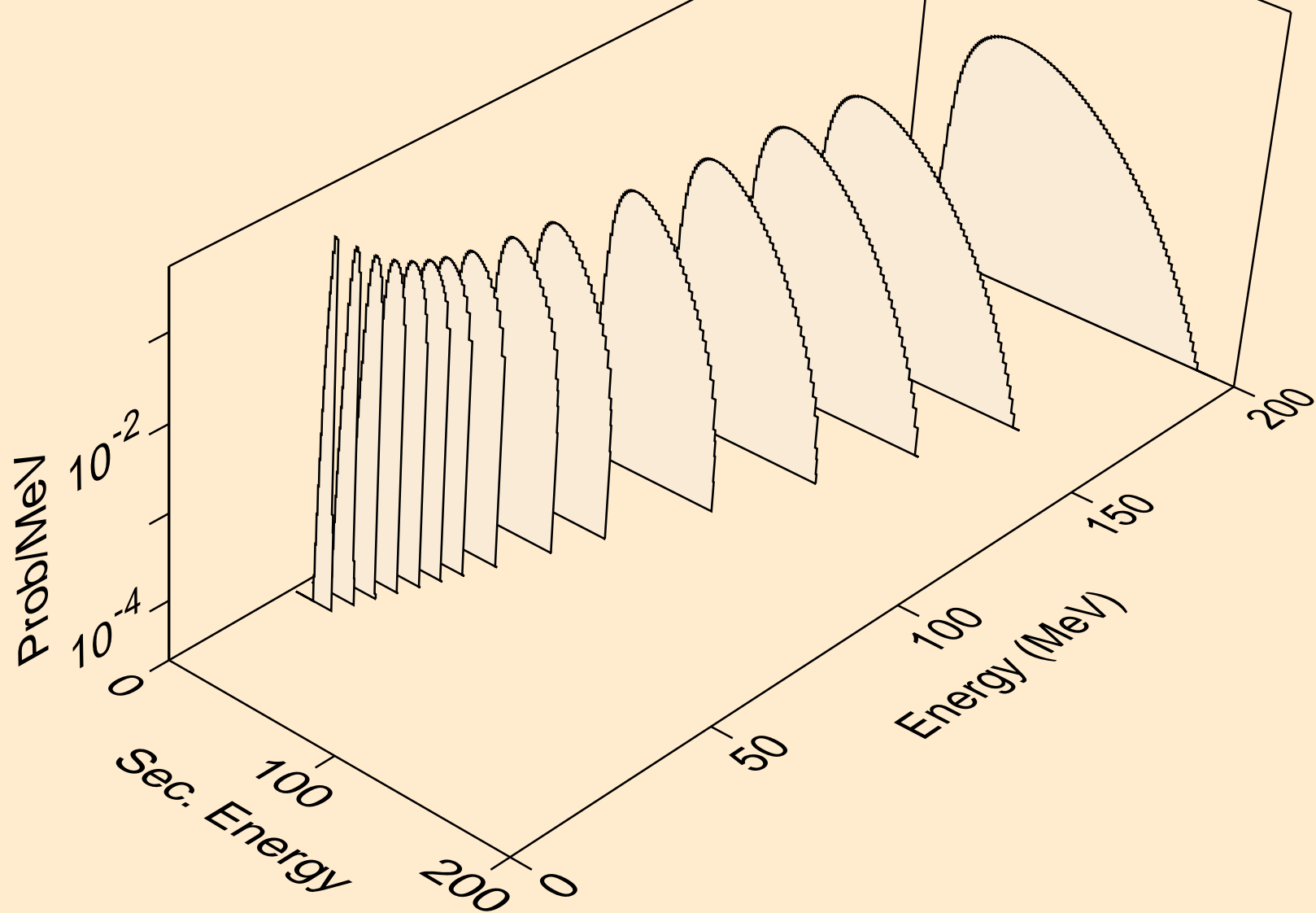
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



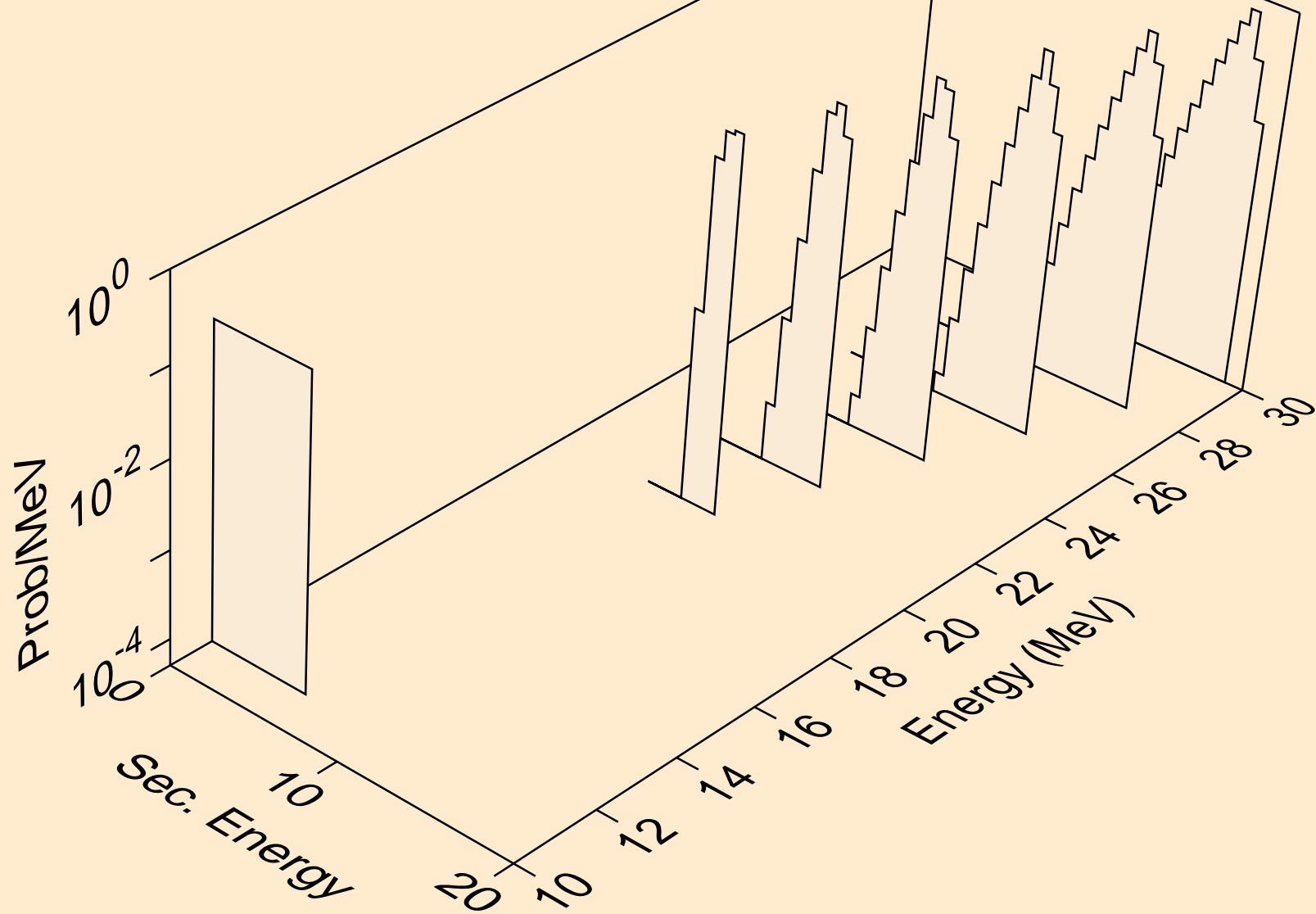
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,t)



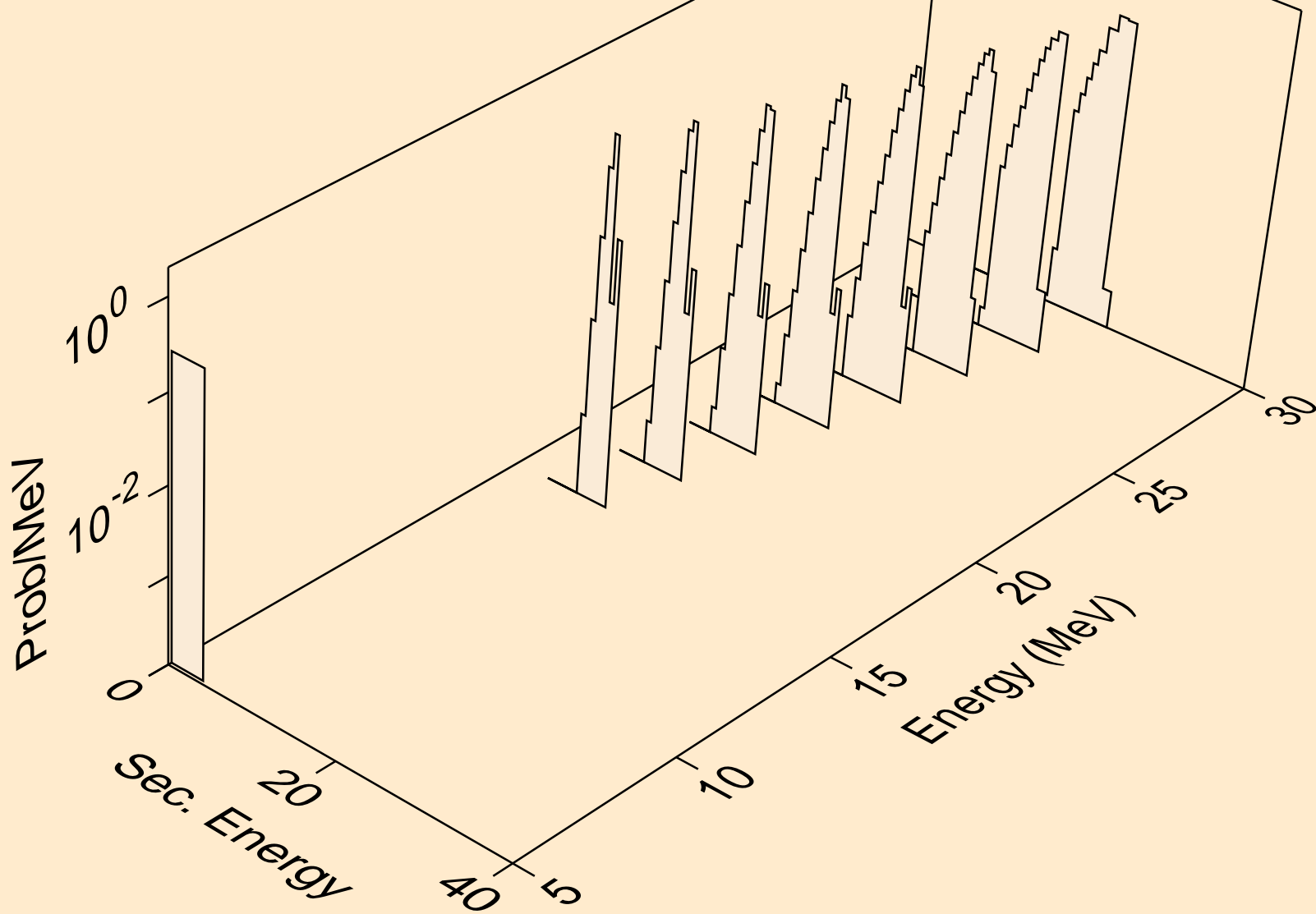
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



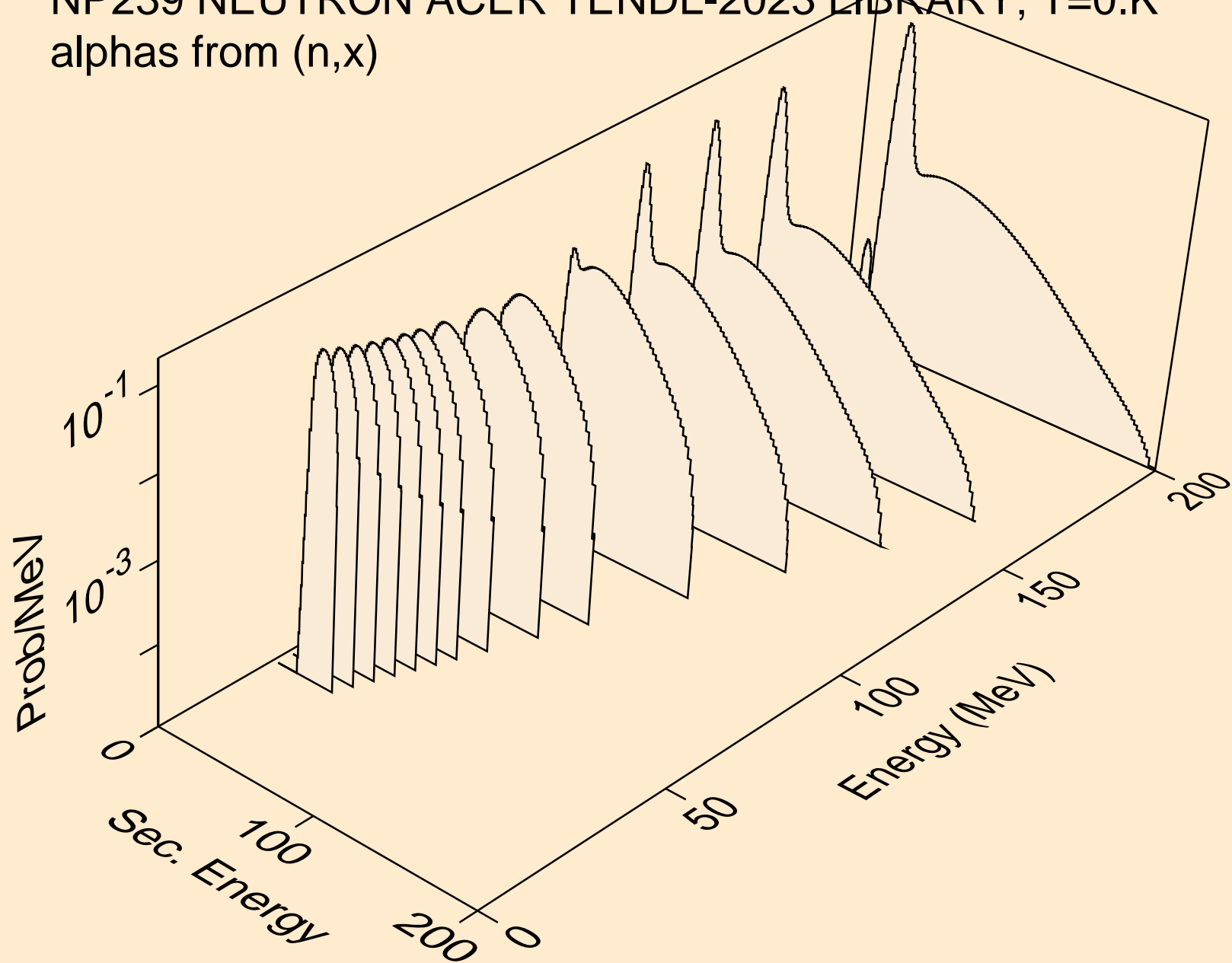
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



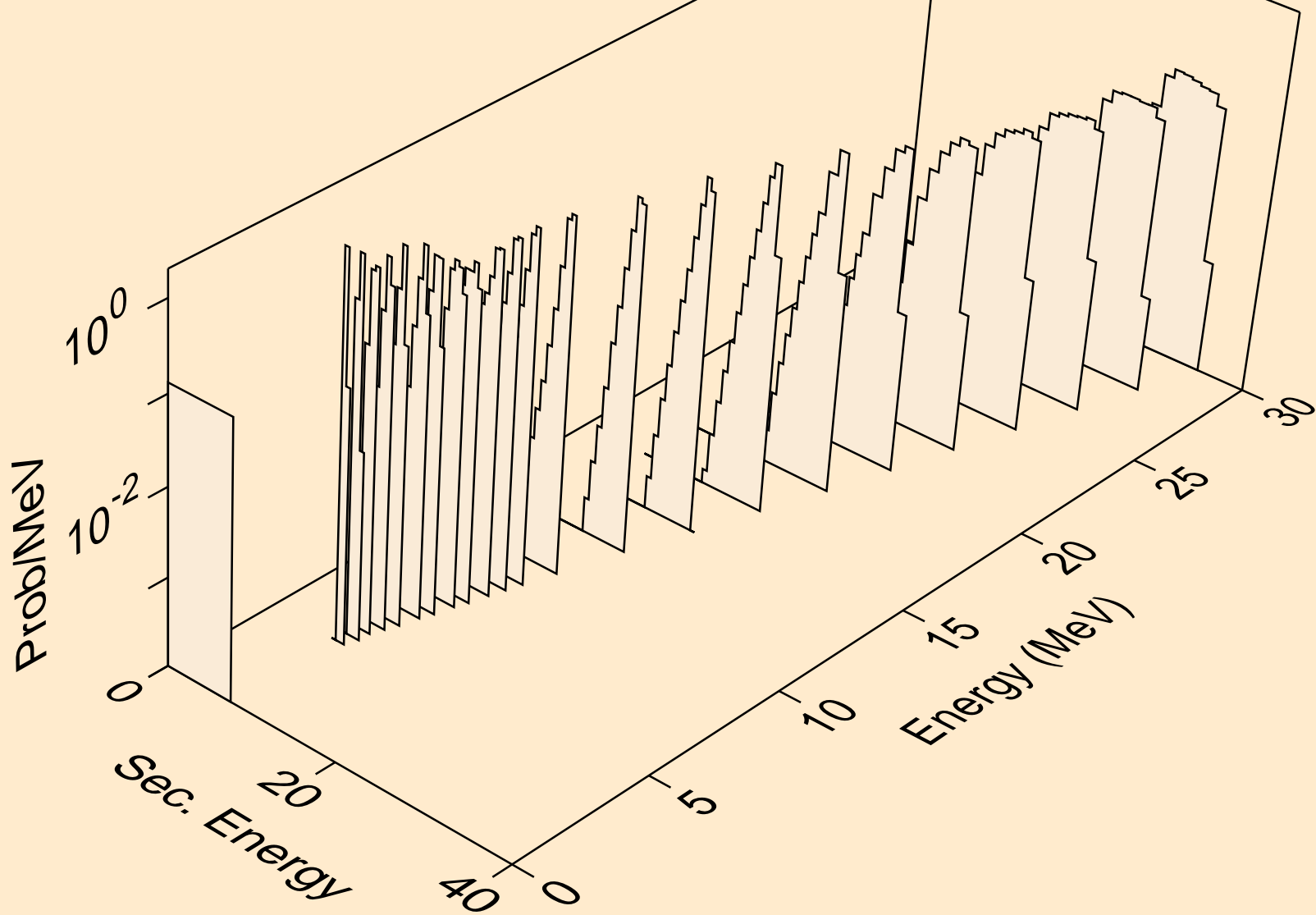
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



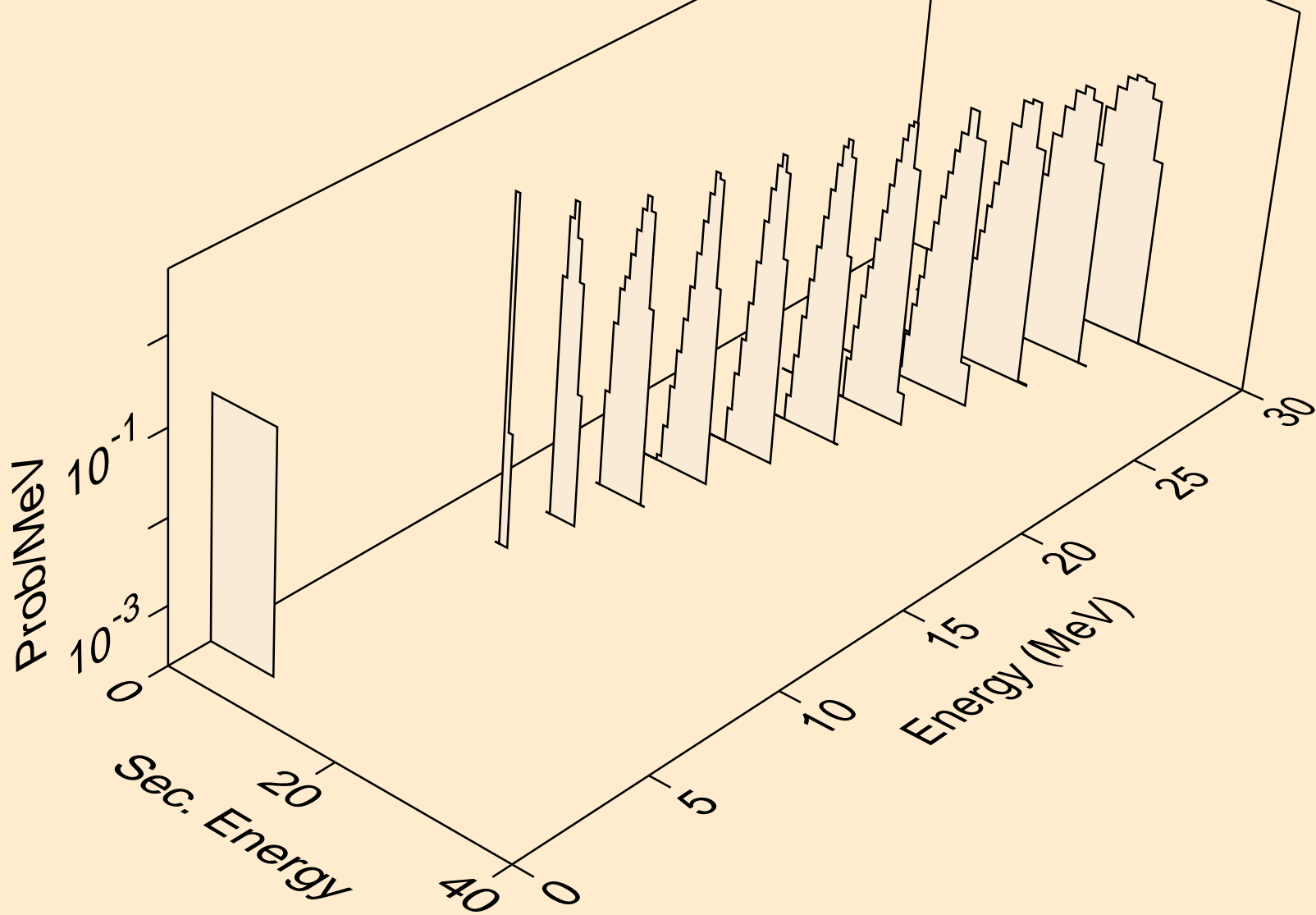
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



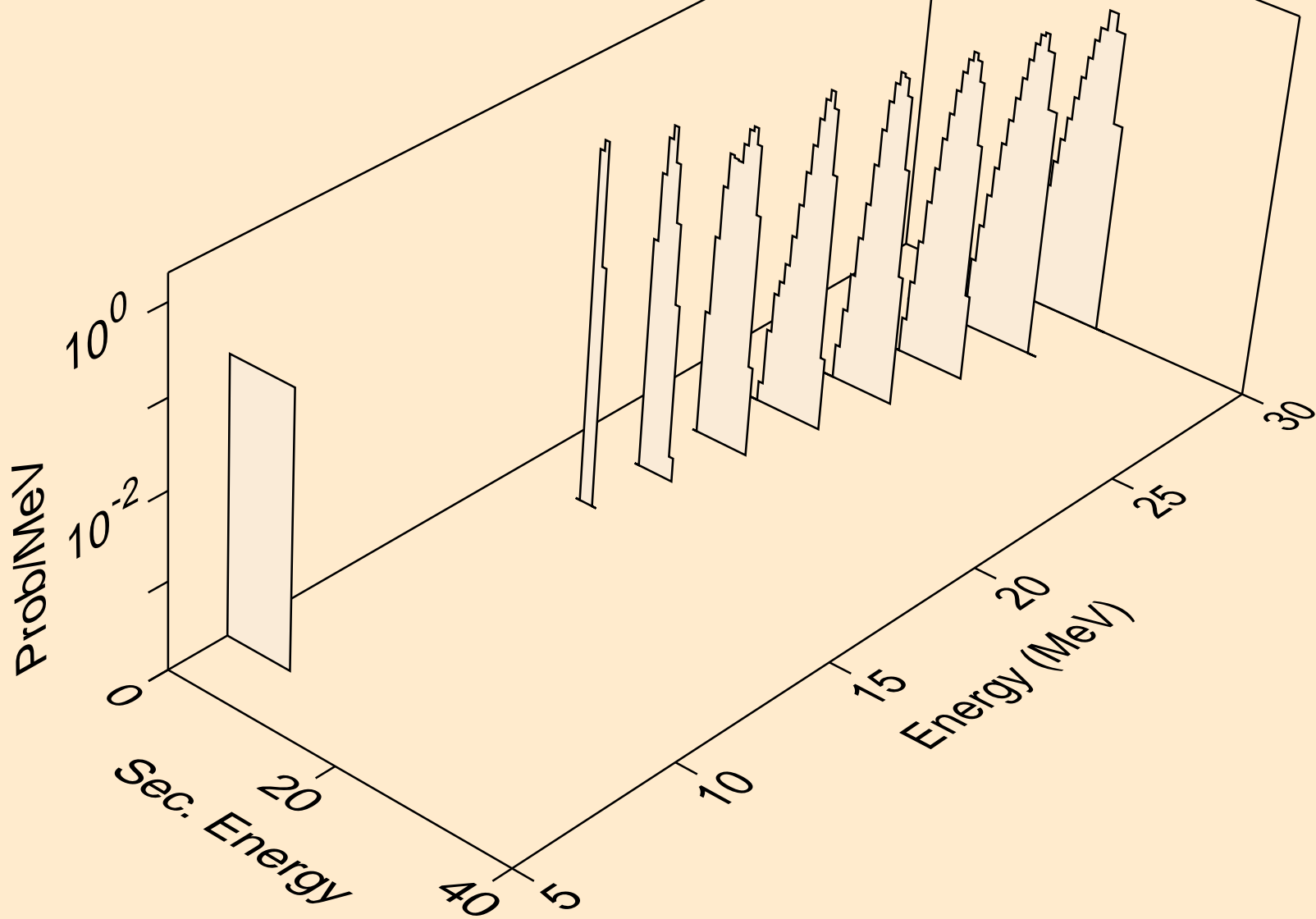
NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



NP239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)

