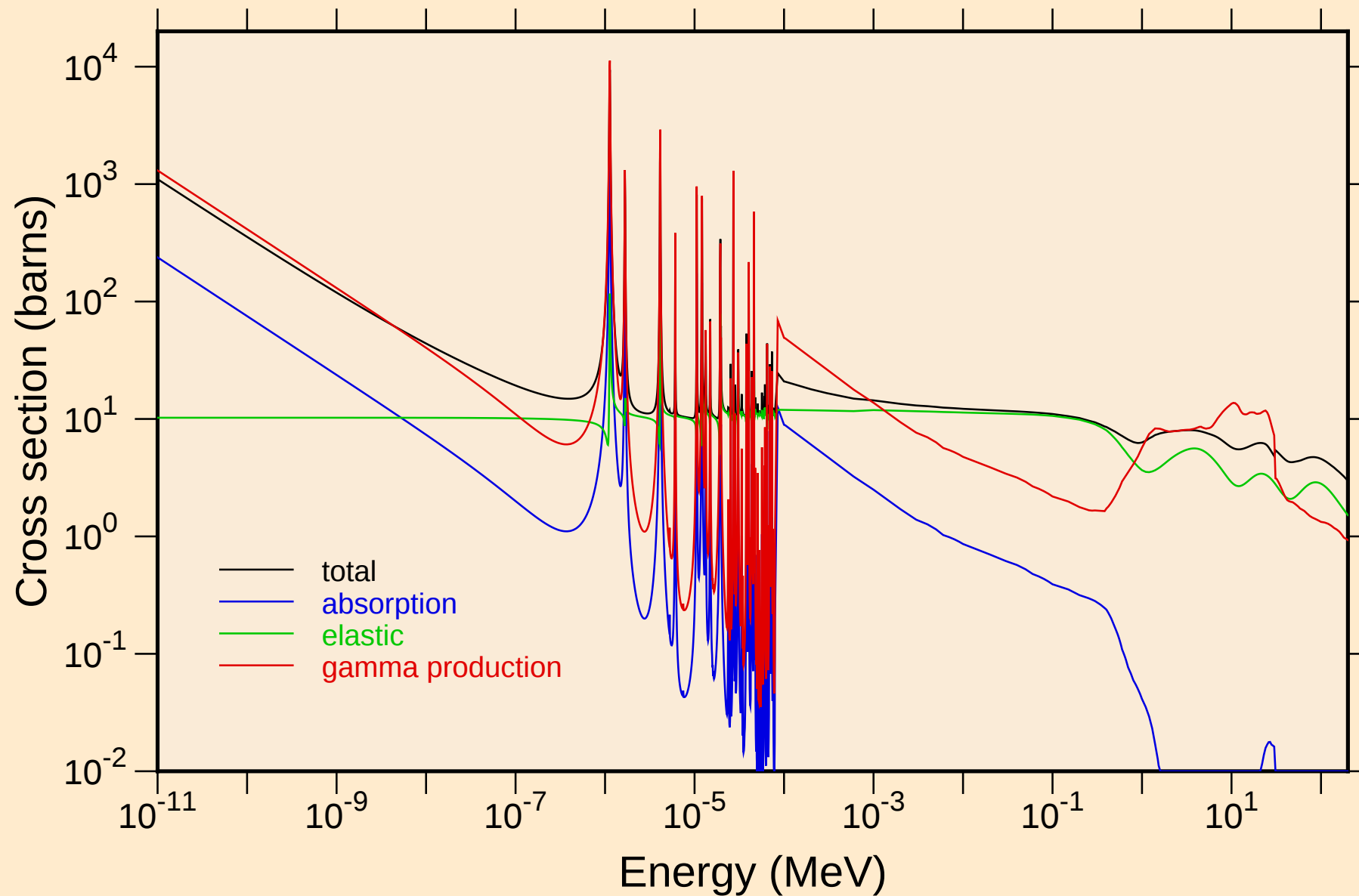
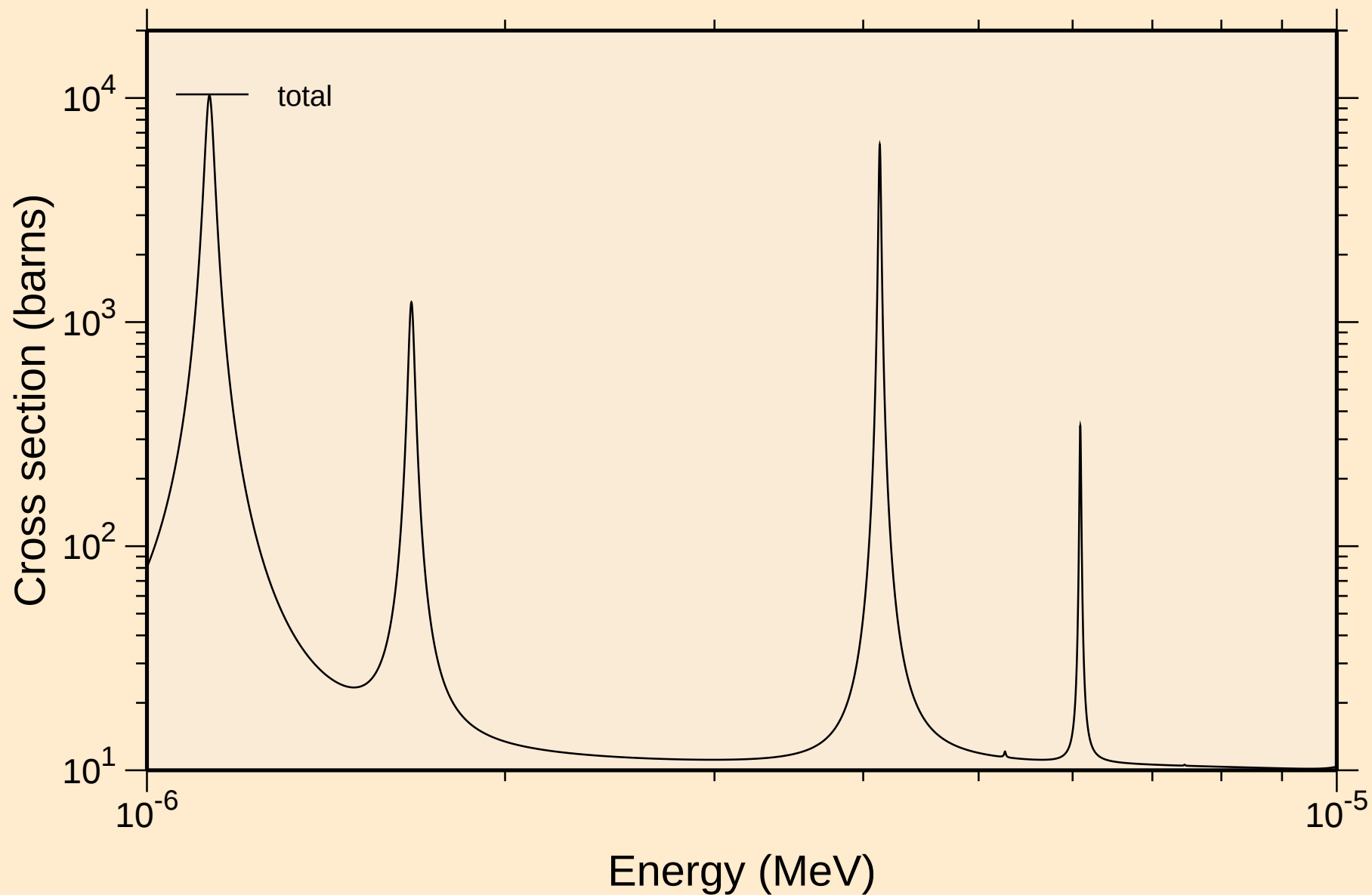


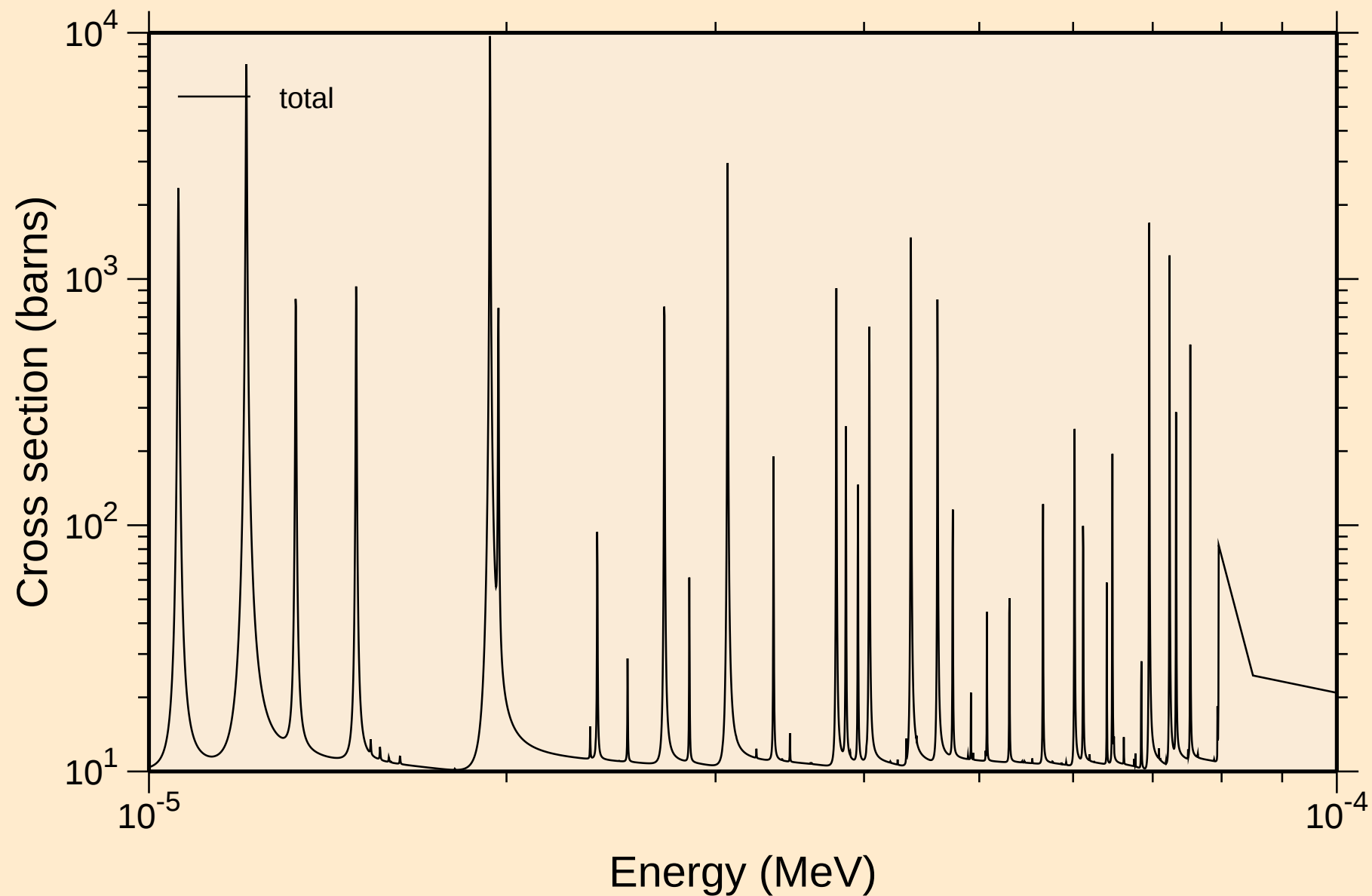
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



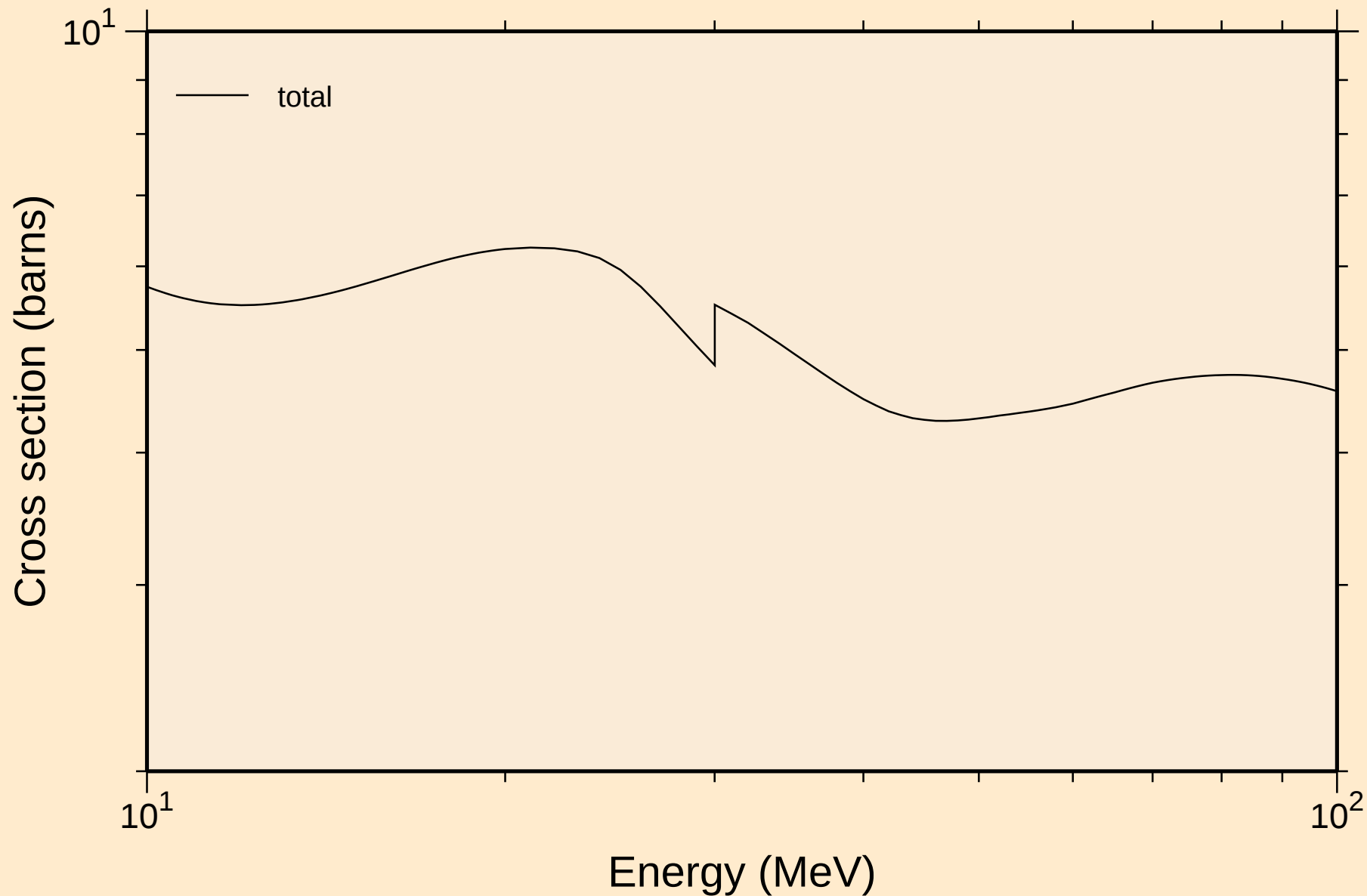
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



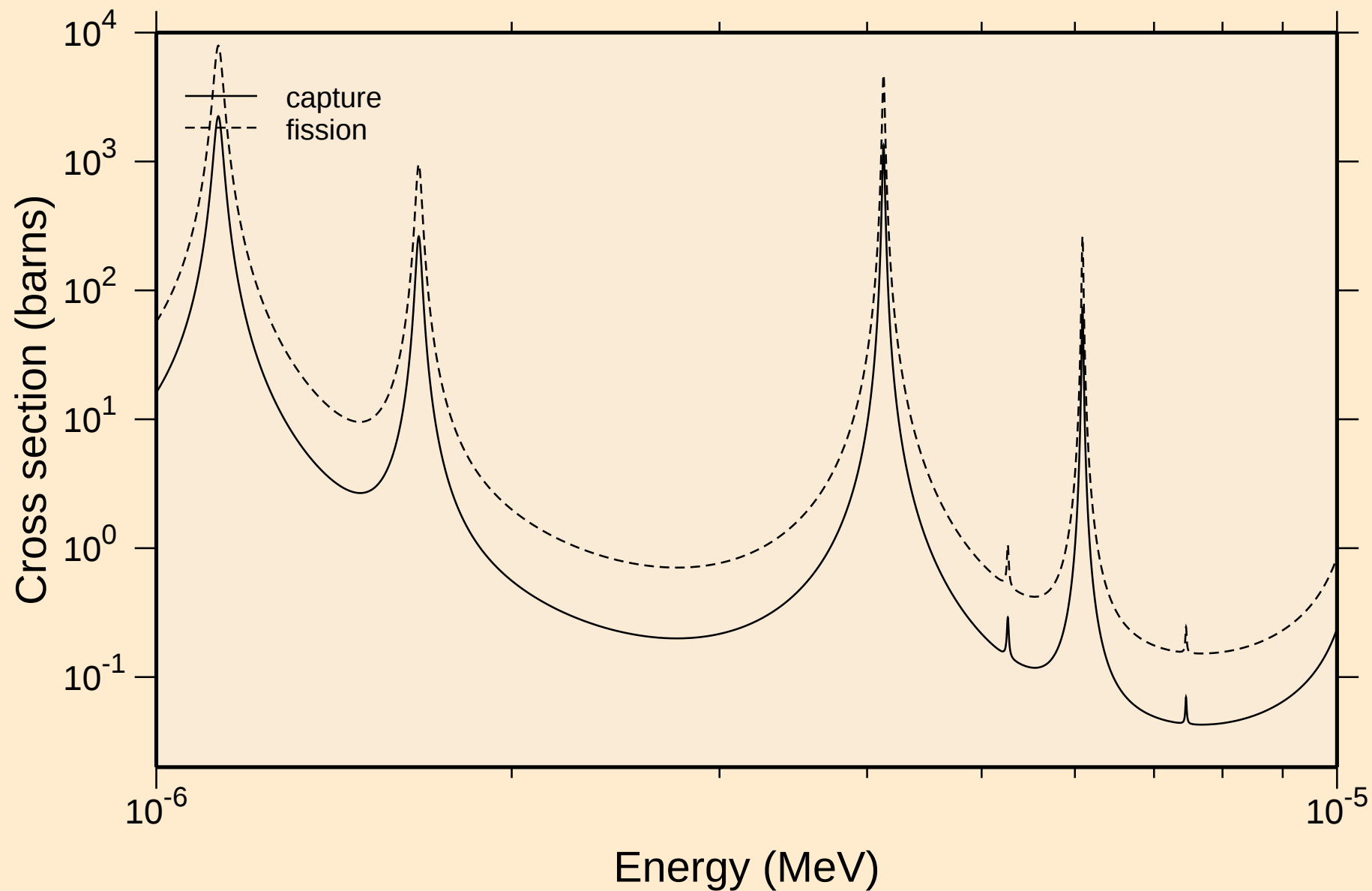
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



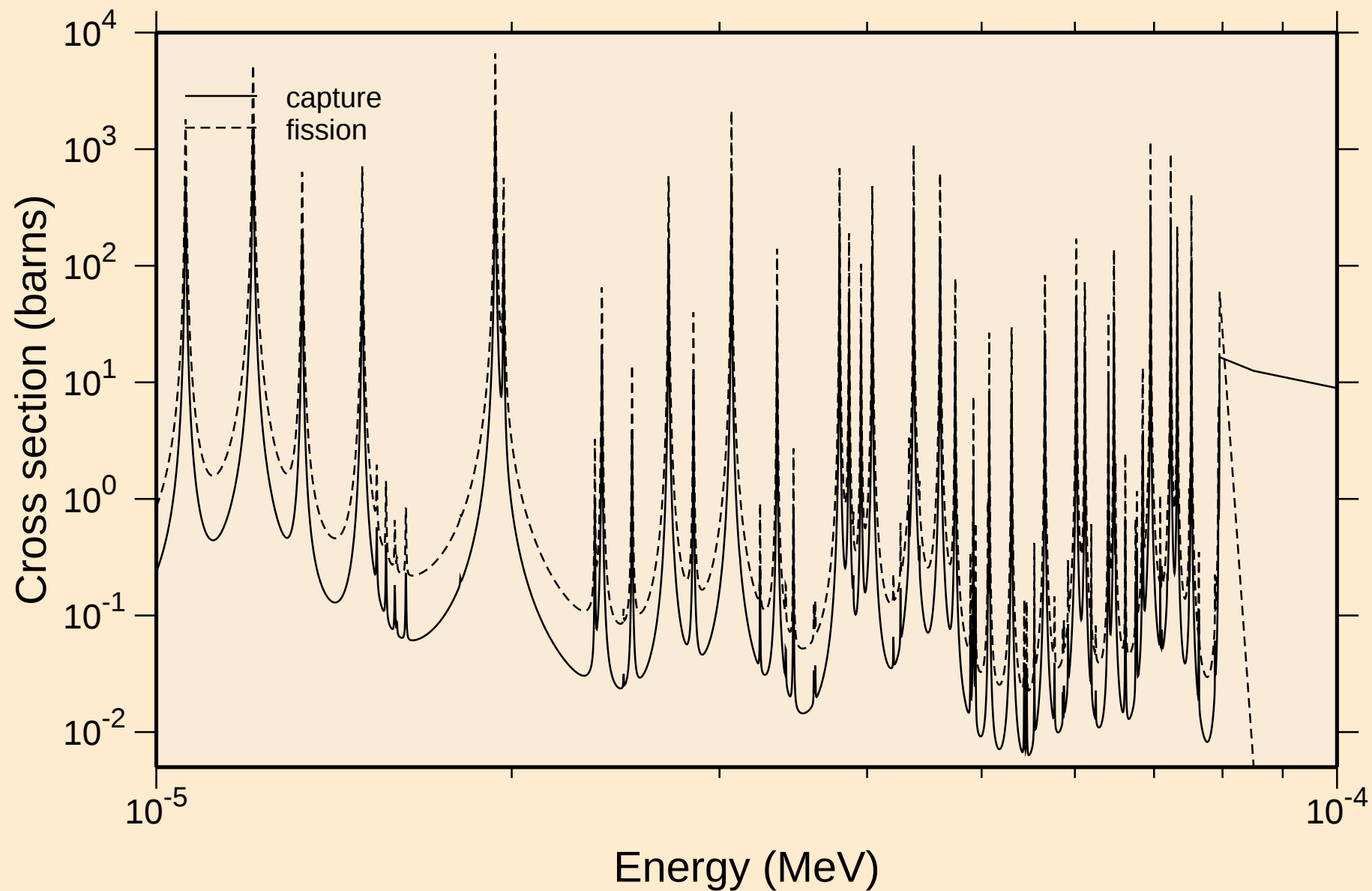
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



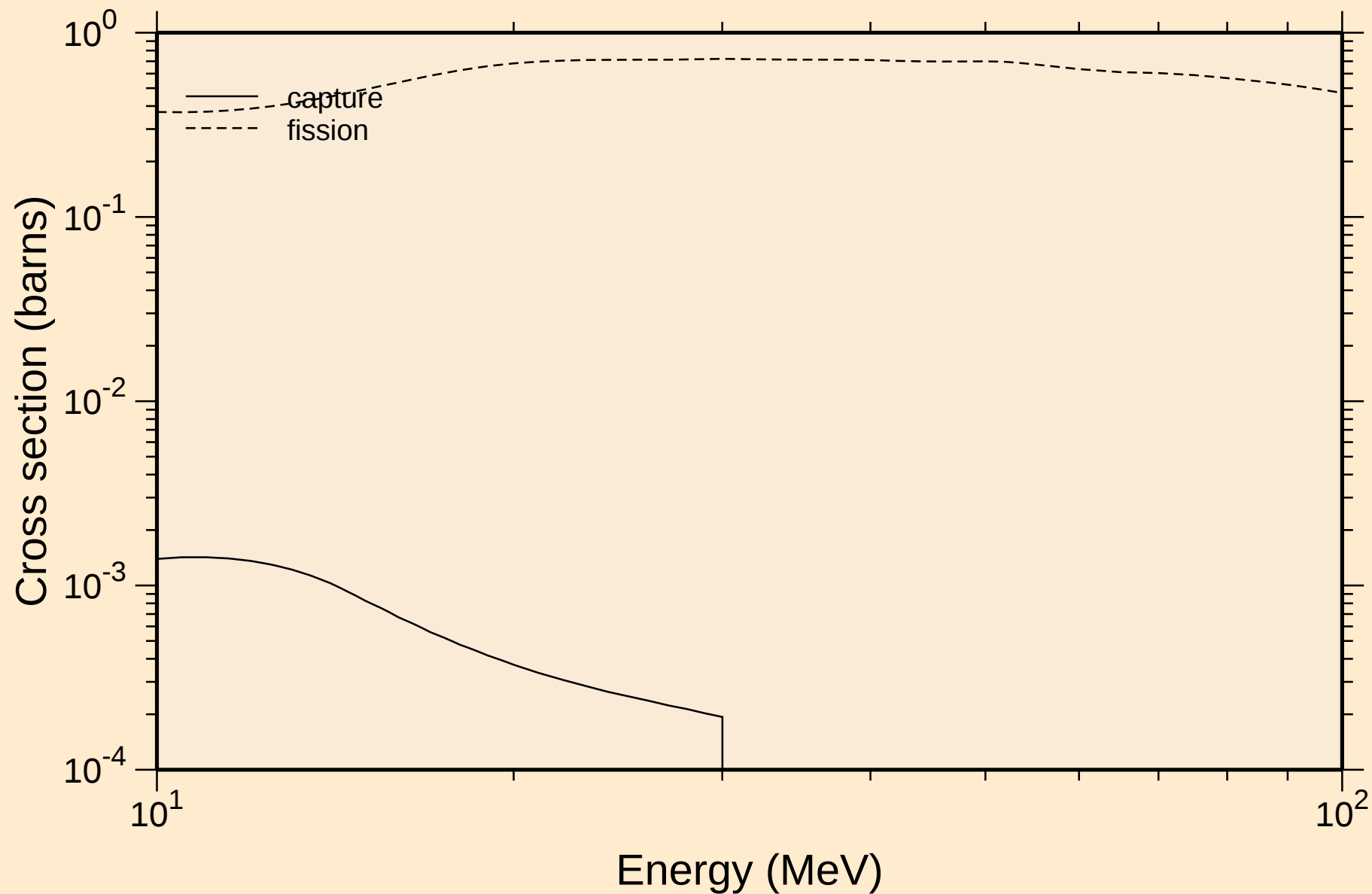
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

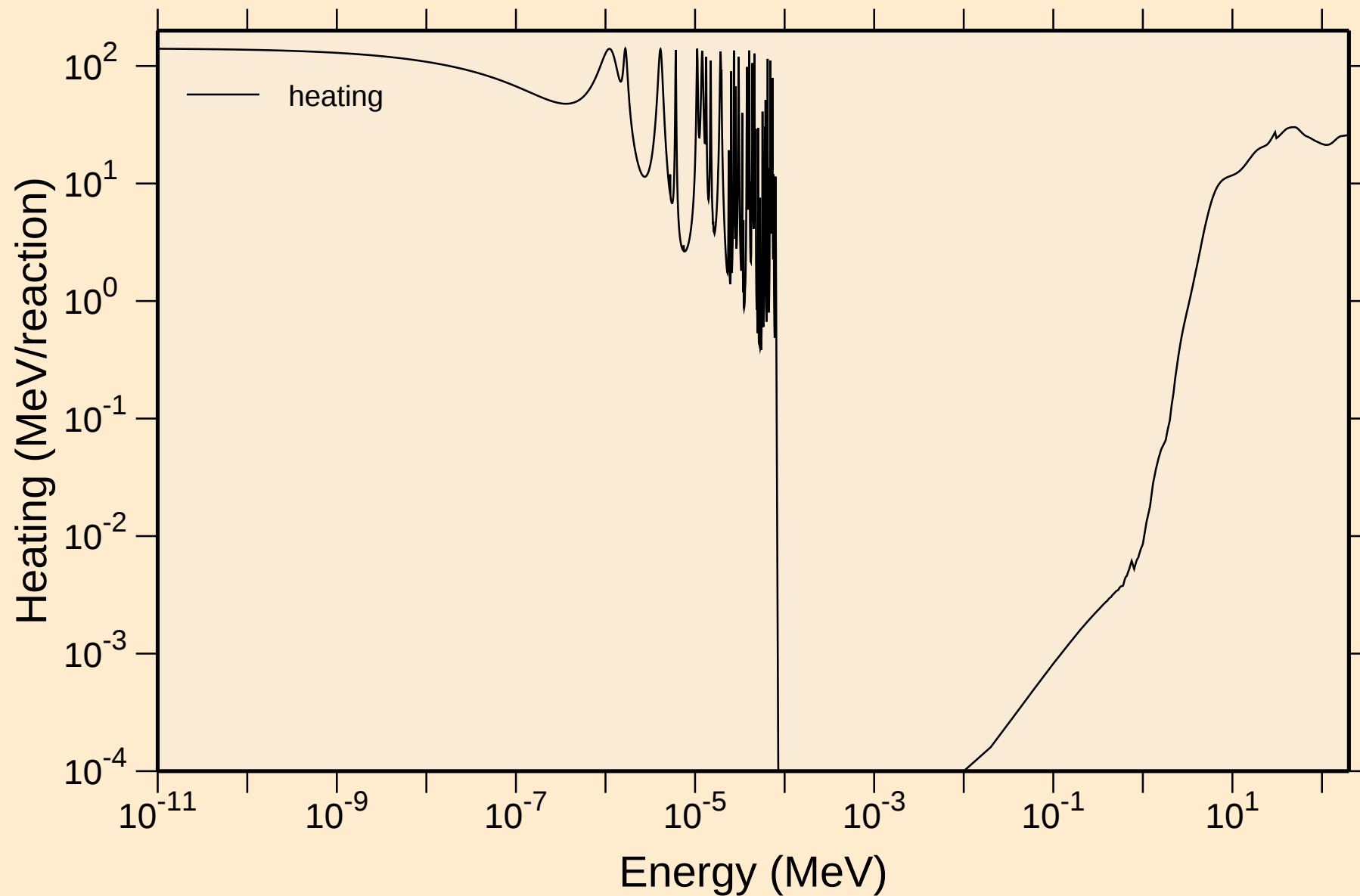


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



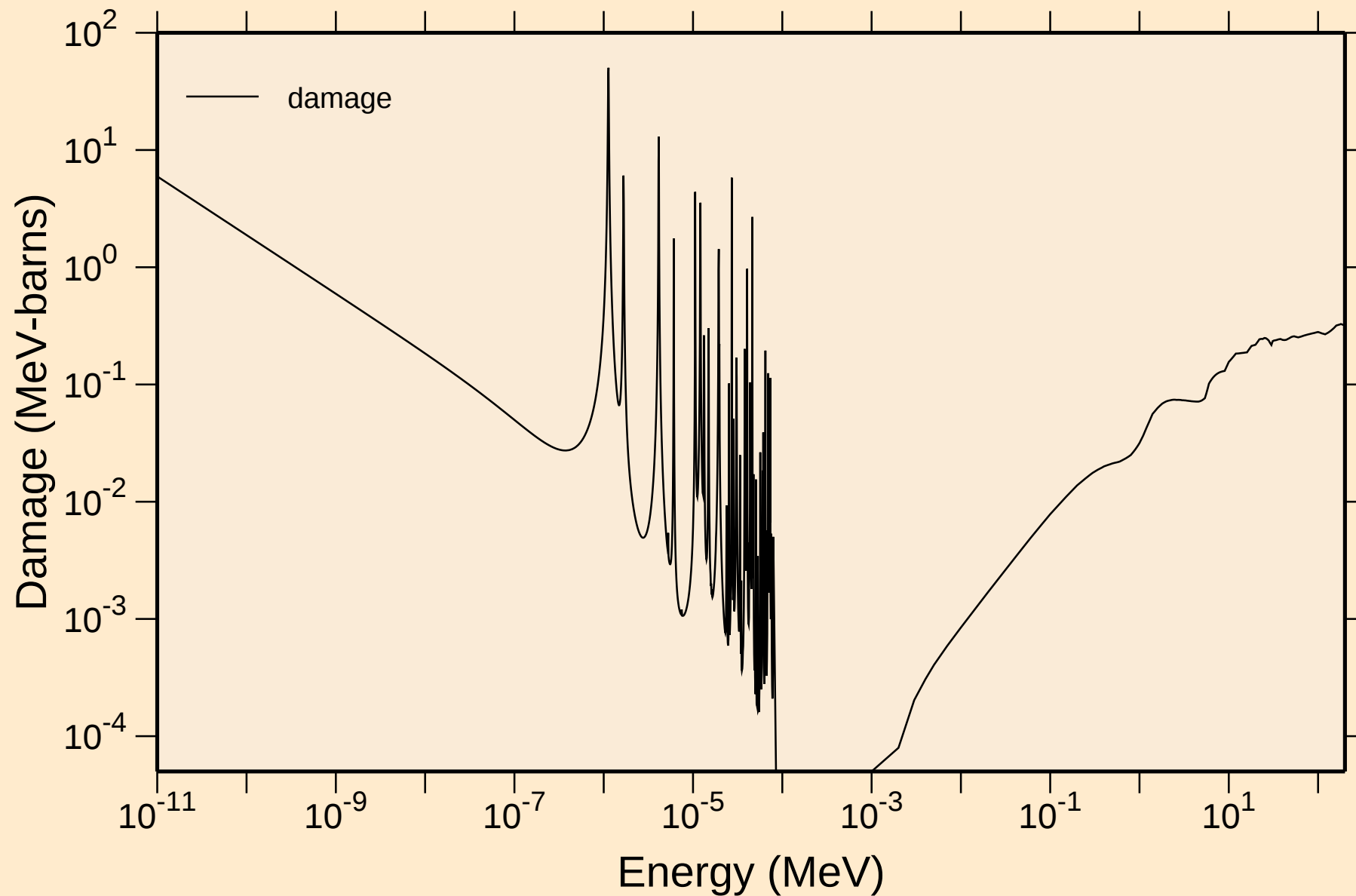
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



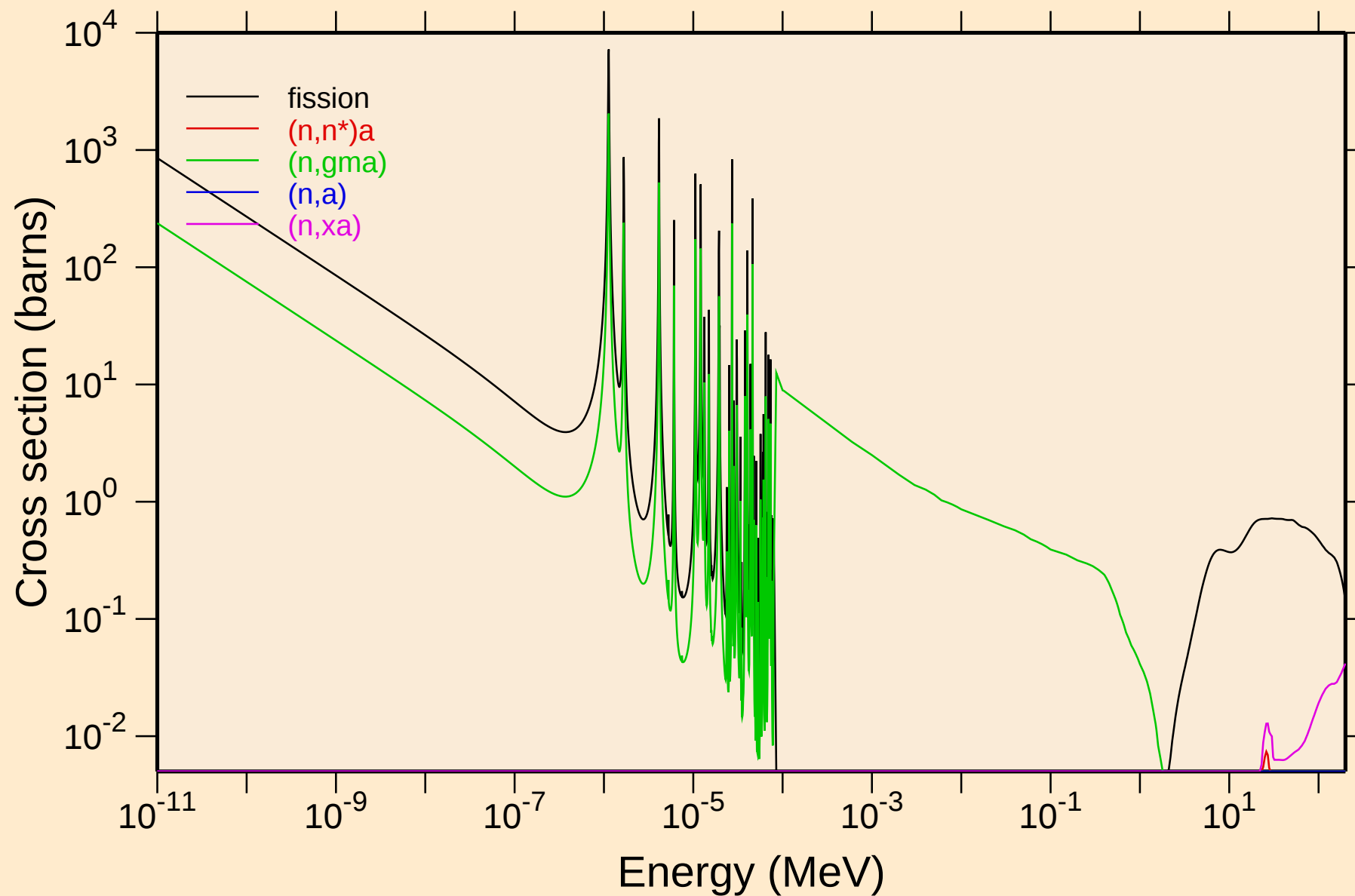
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



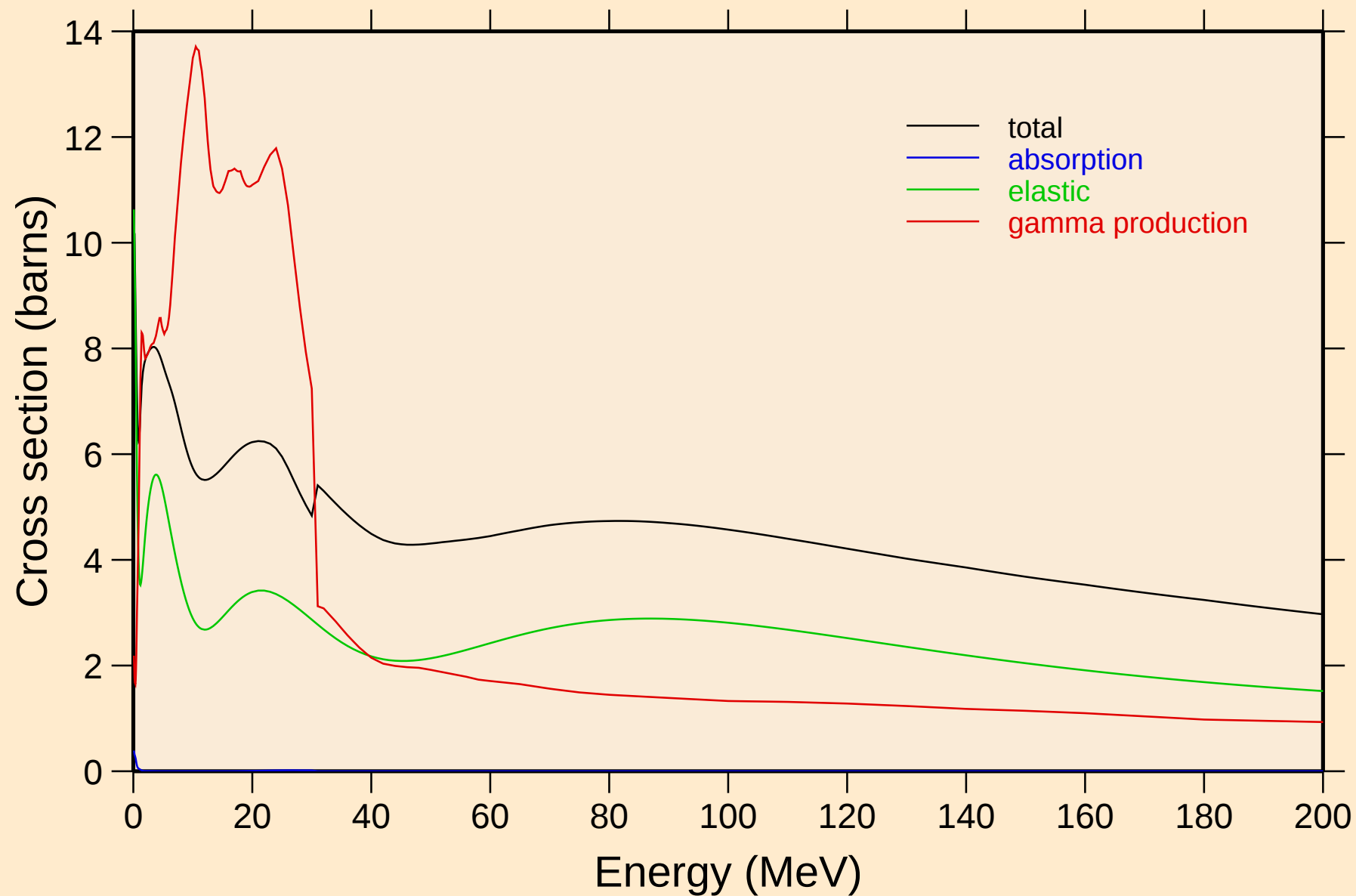
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions



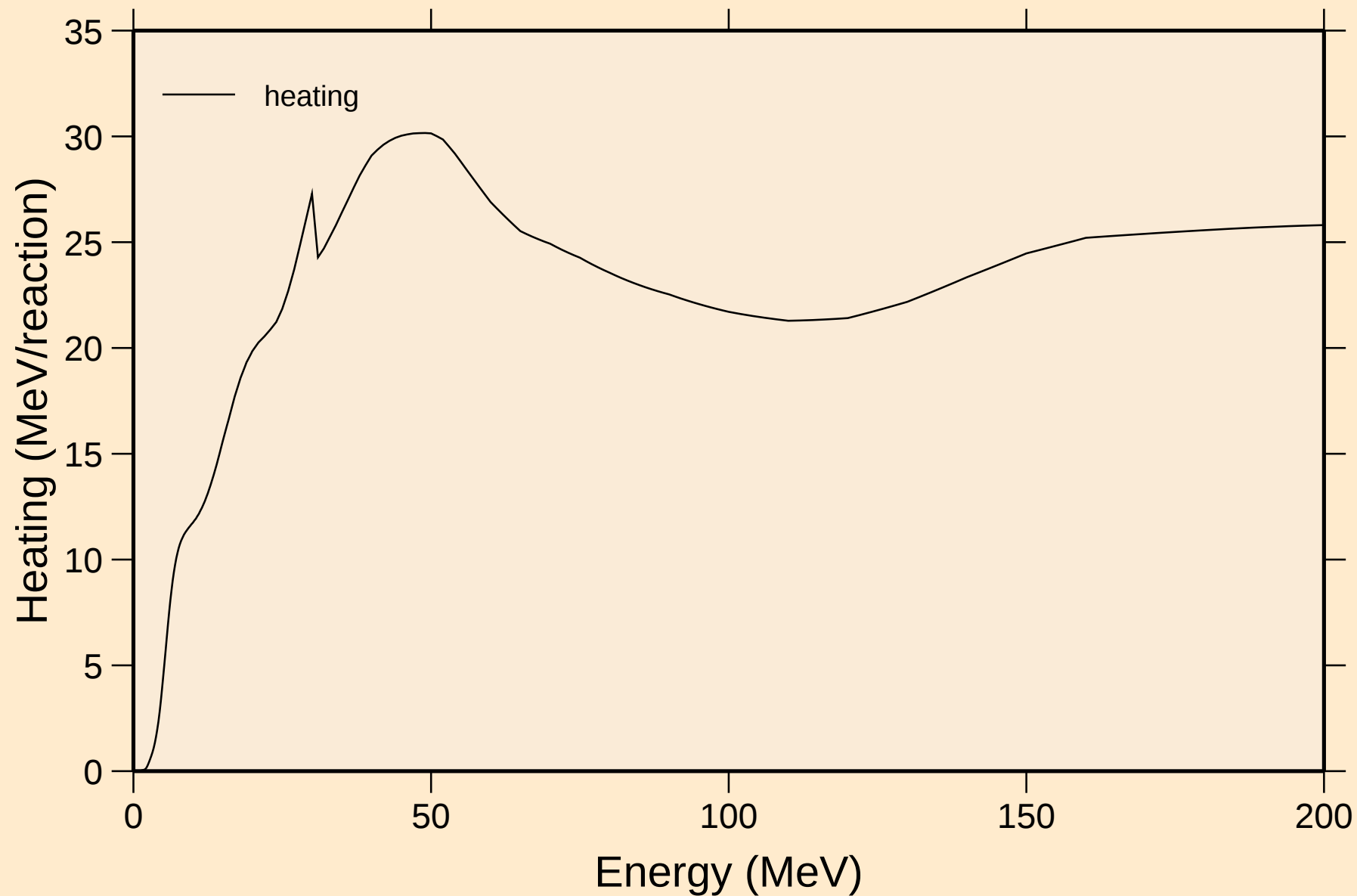
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



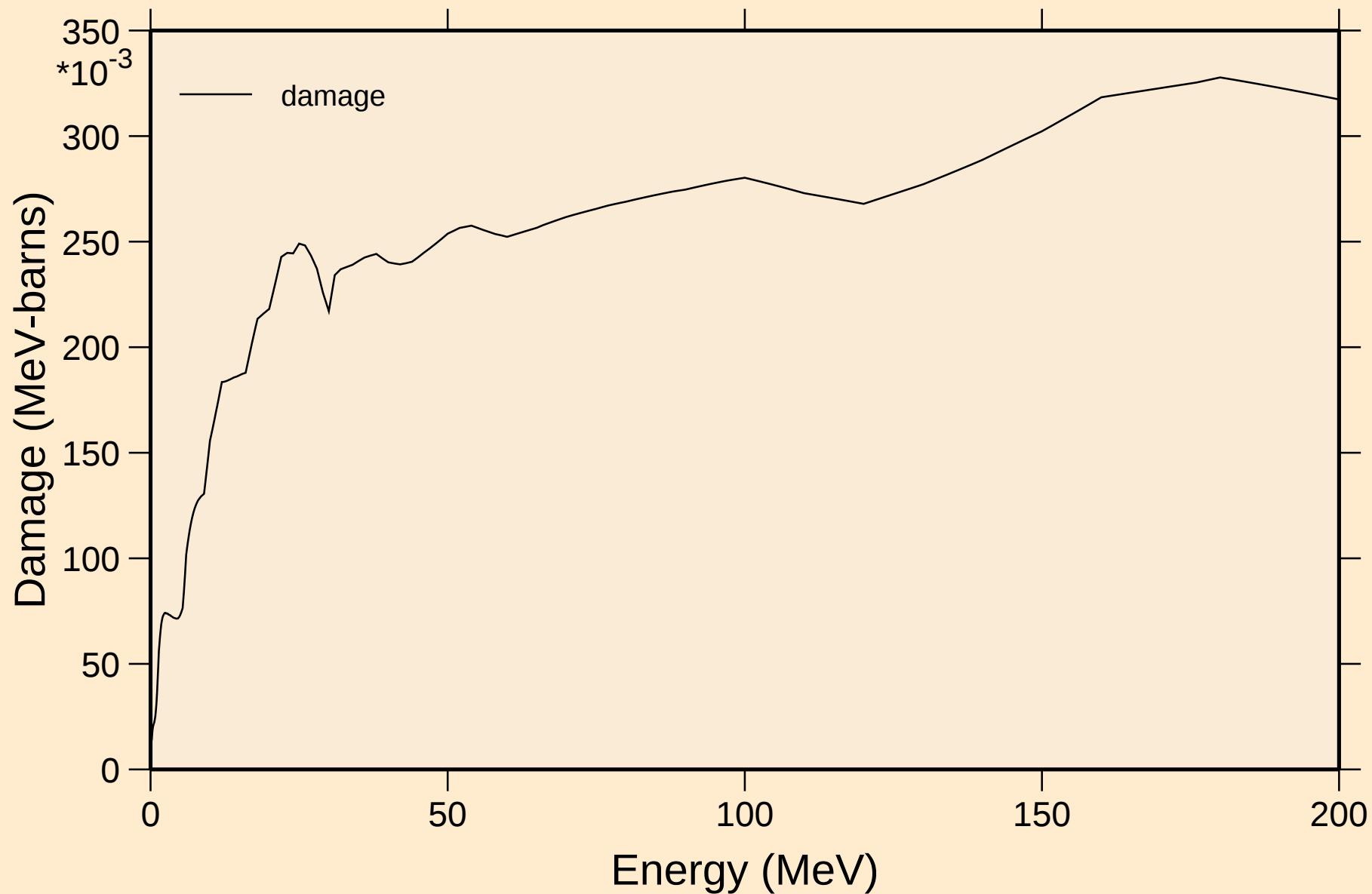
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

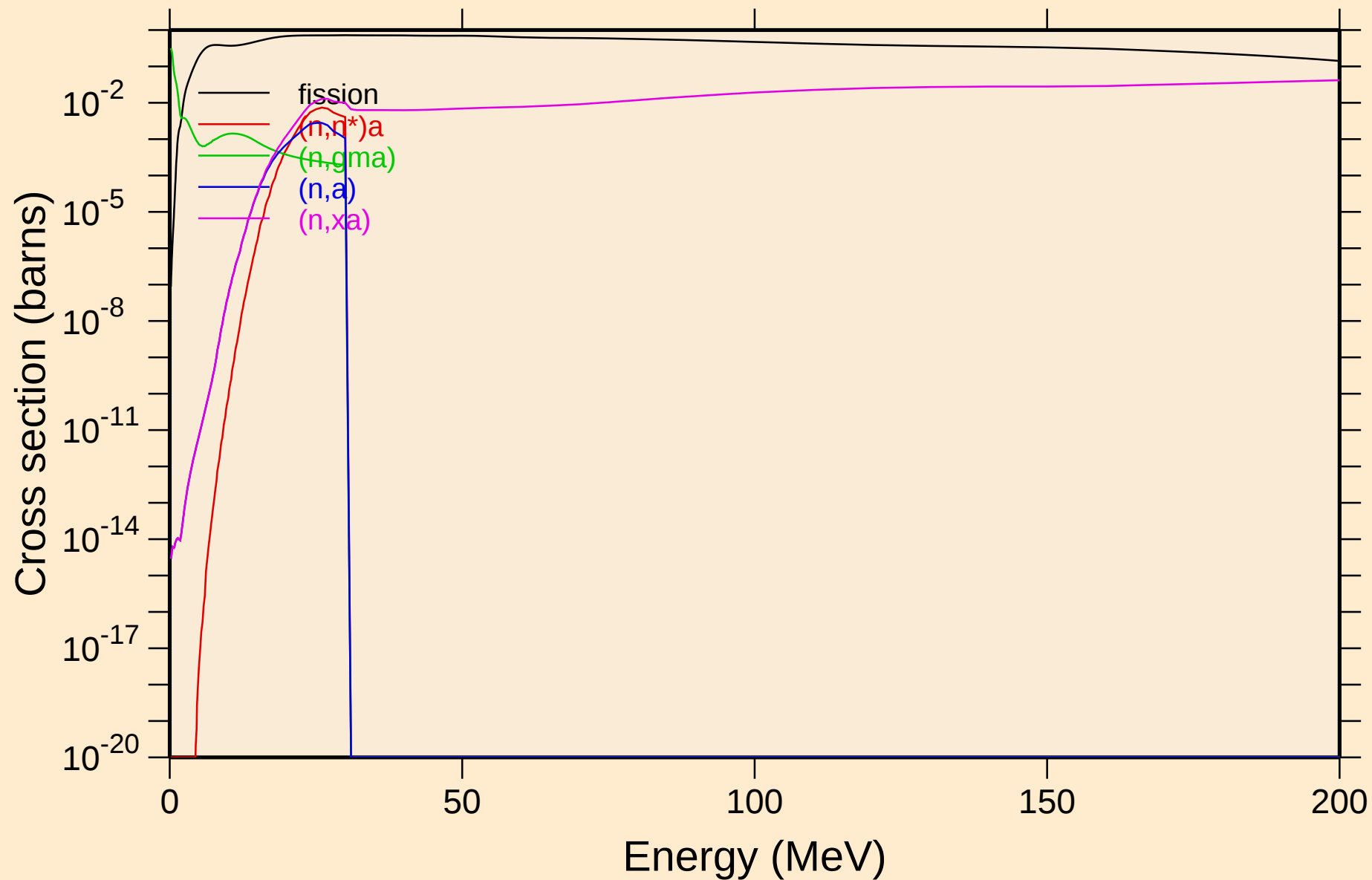


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage

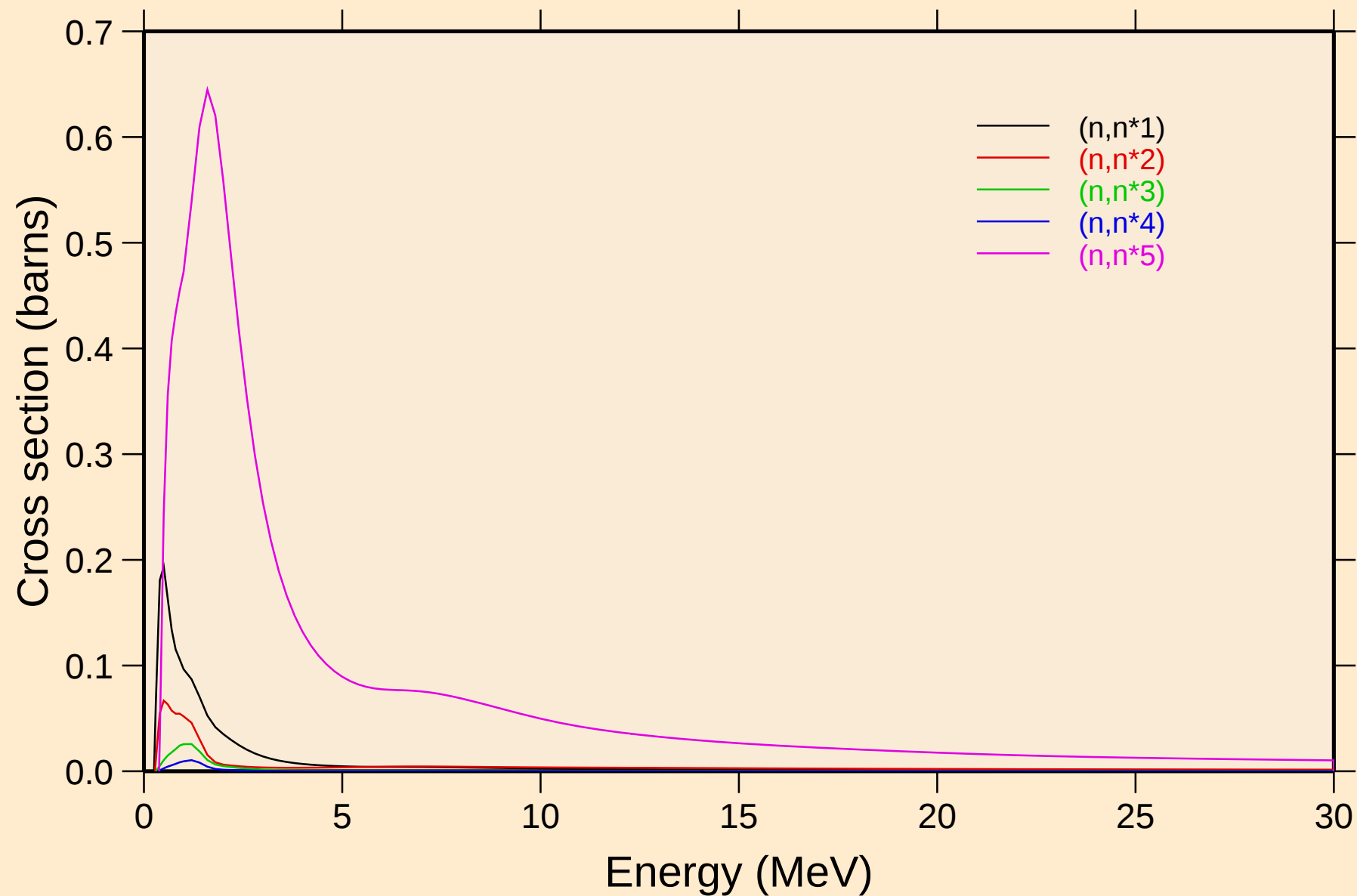


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



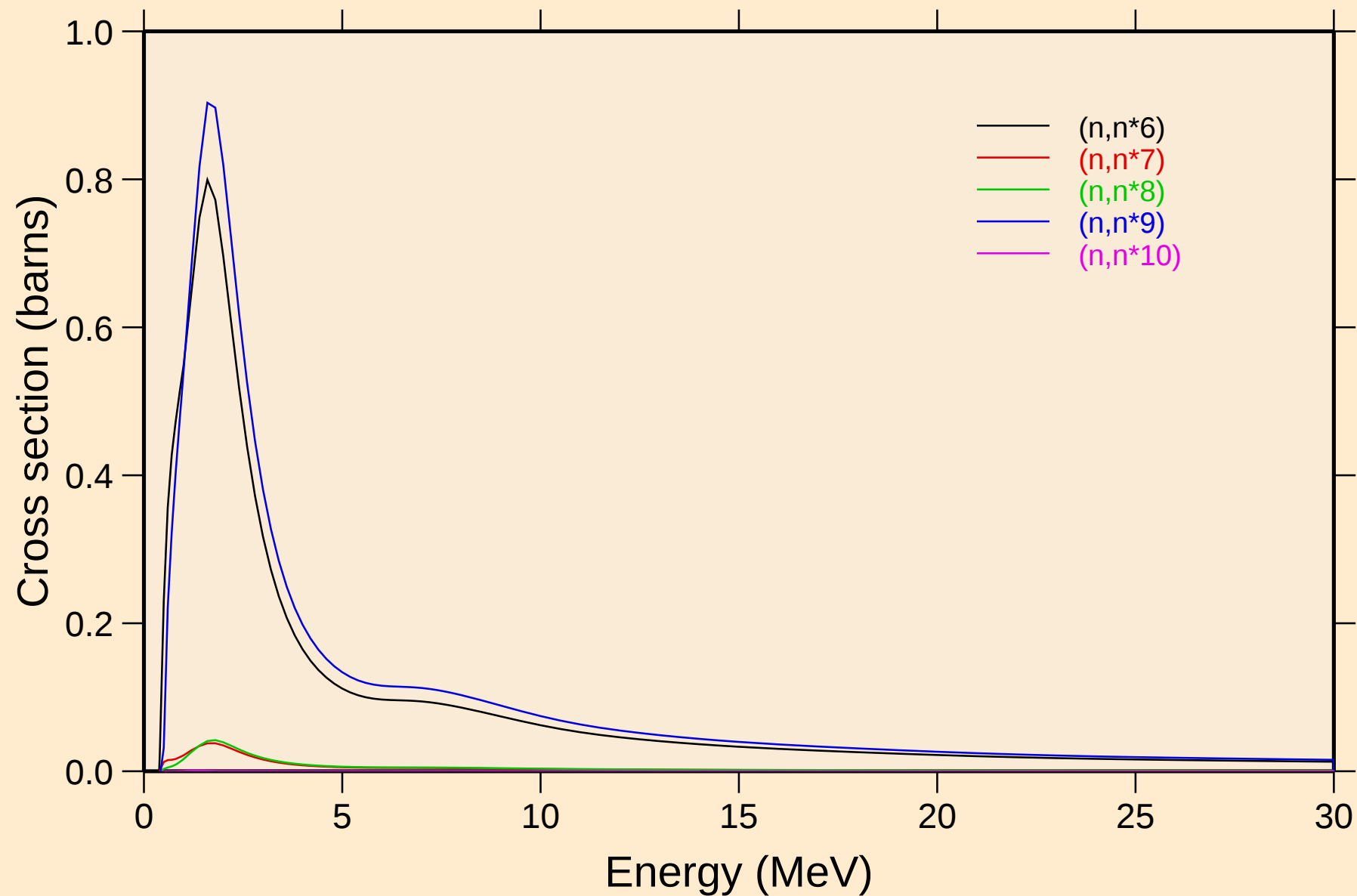
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



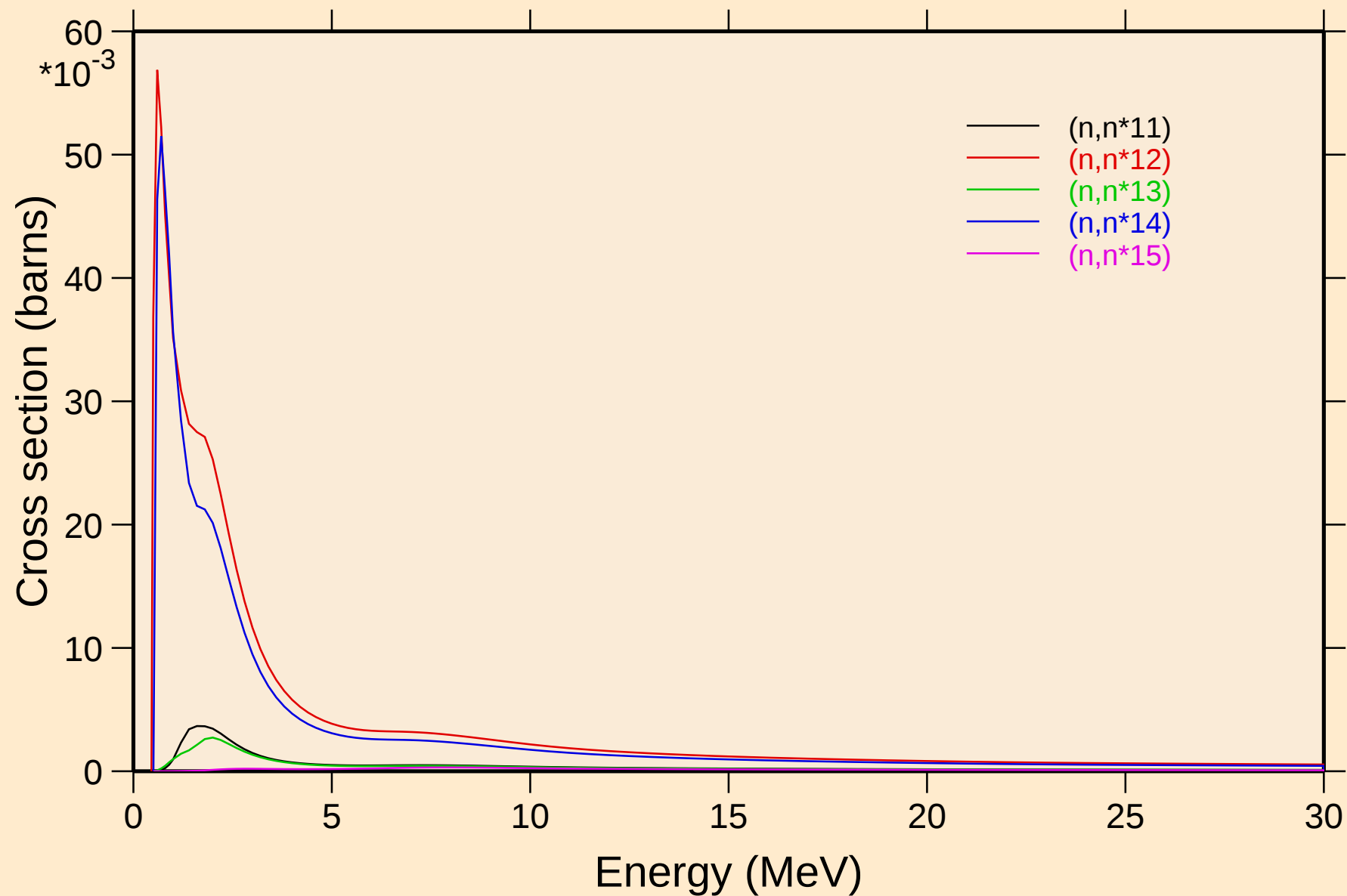
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



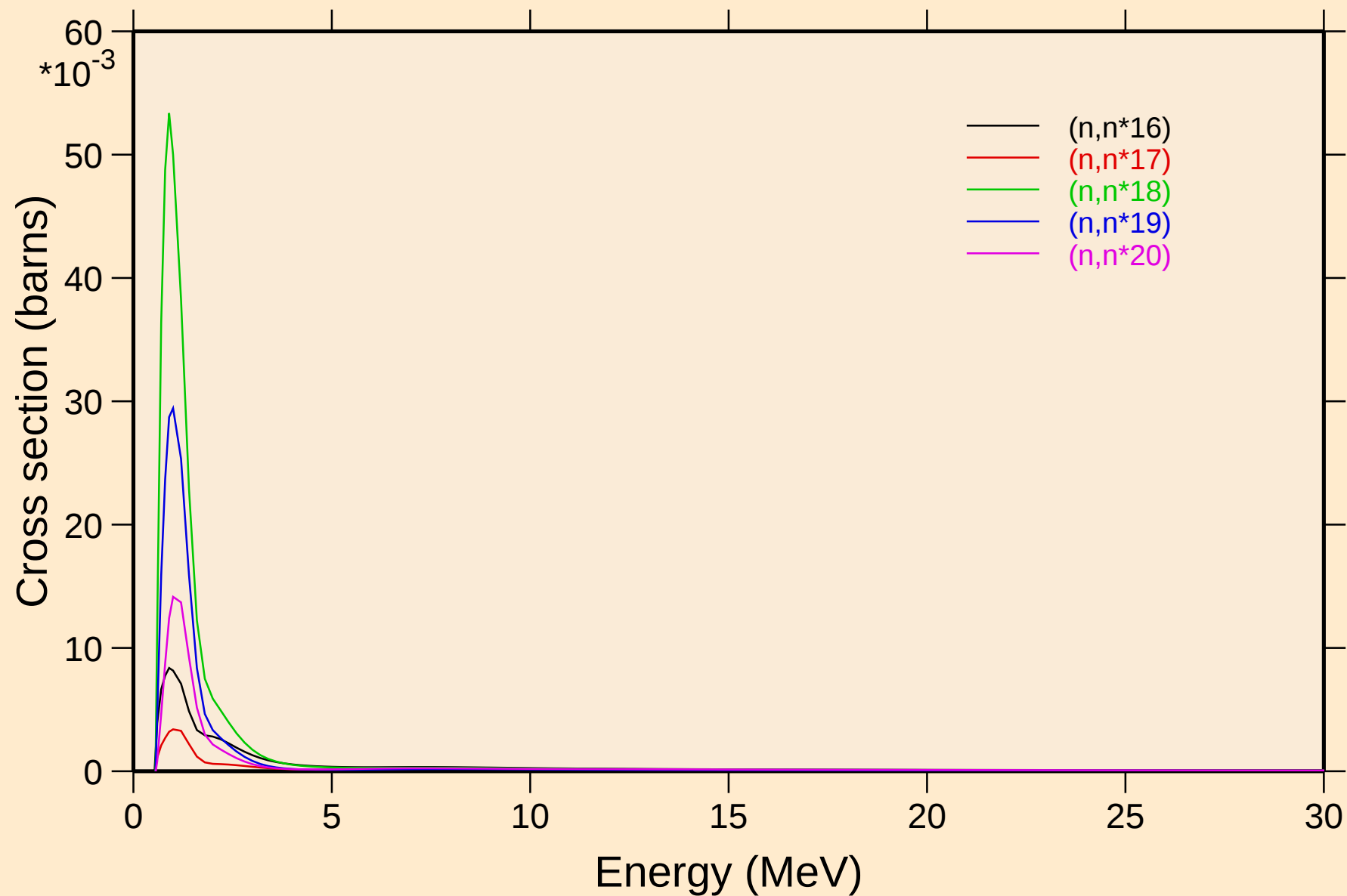
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



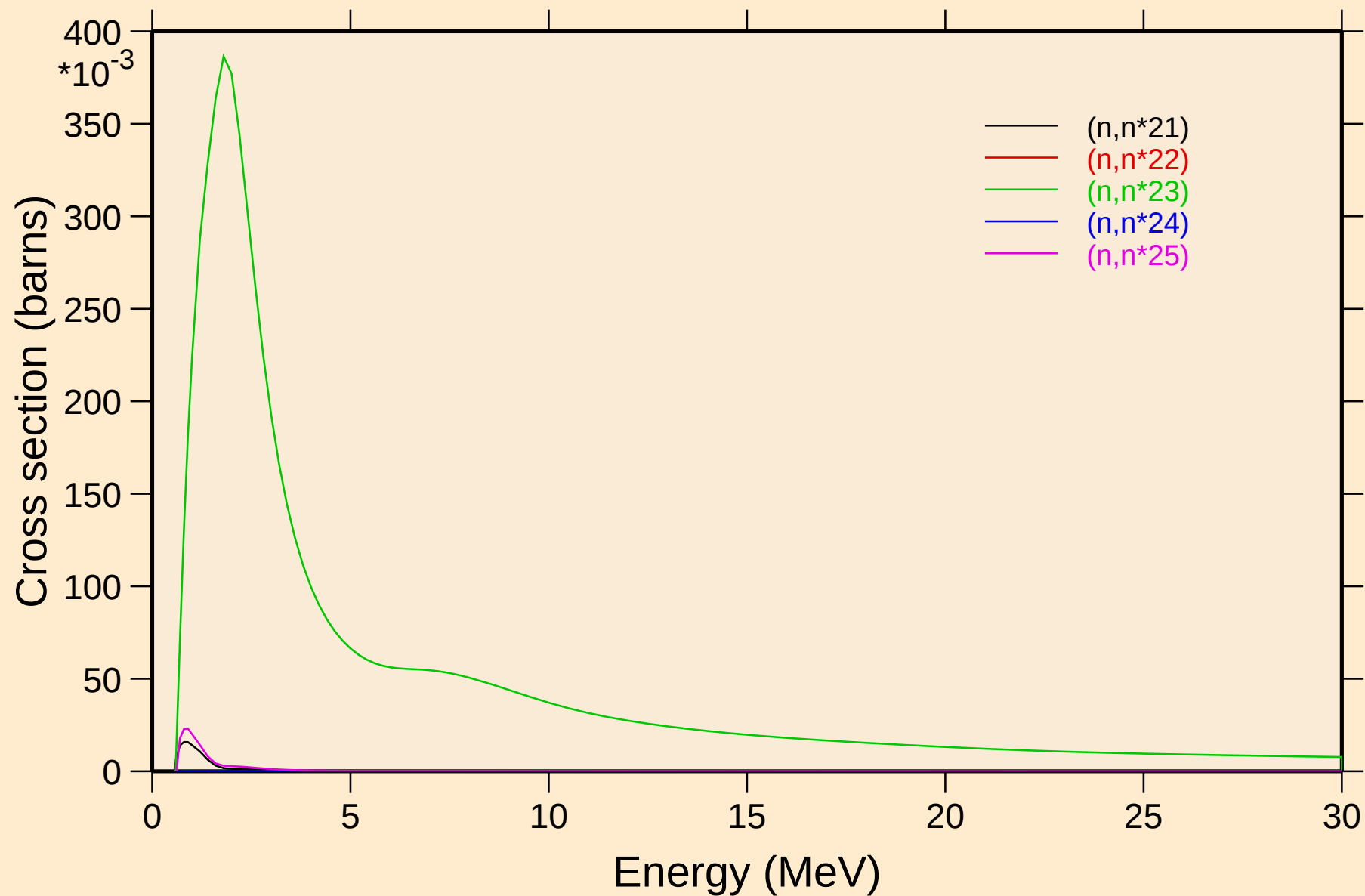
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



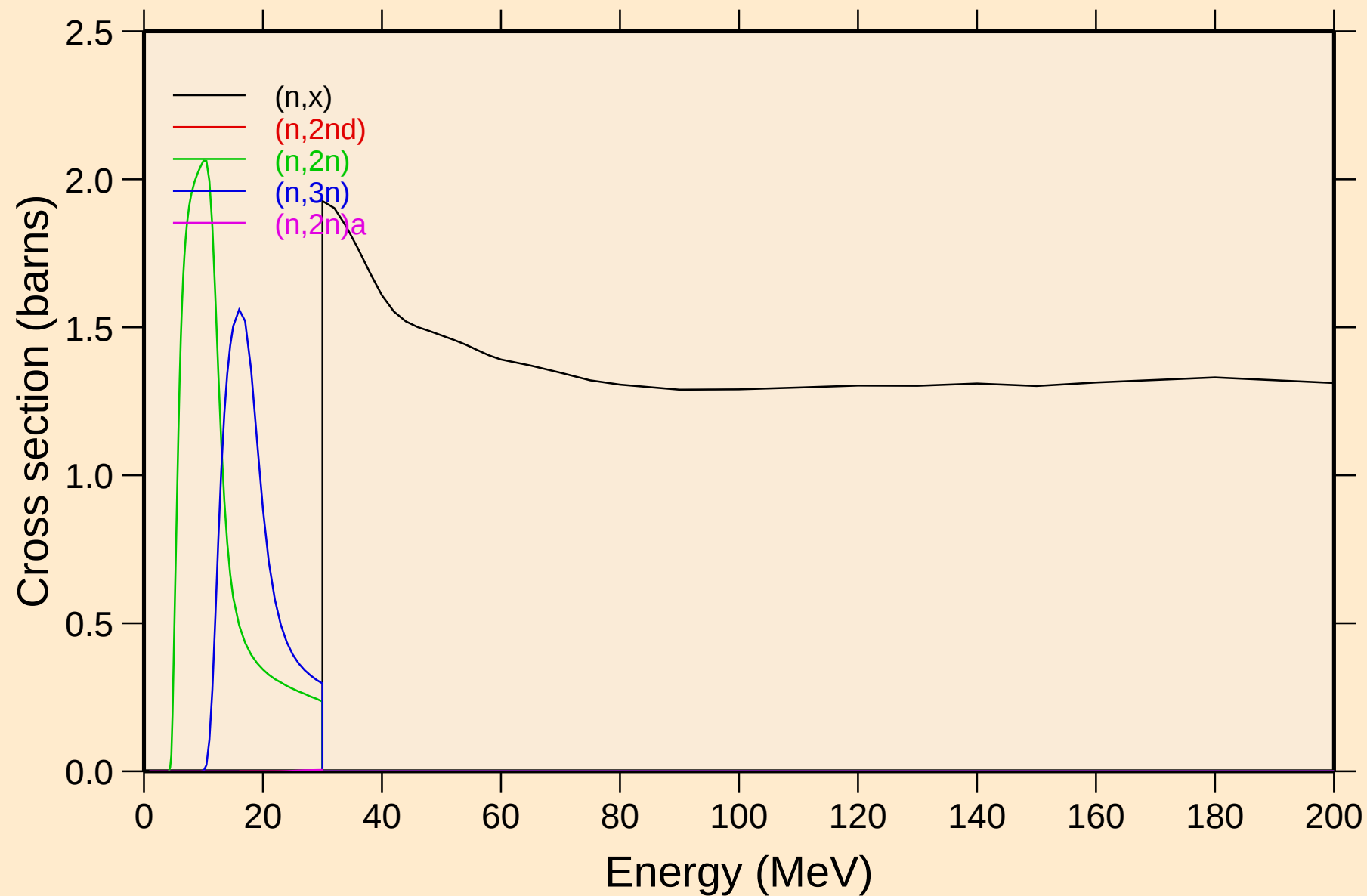
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



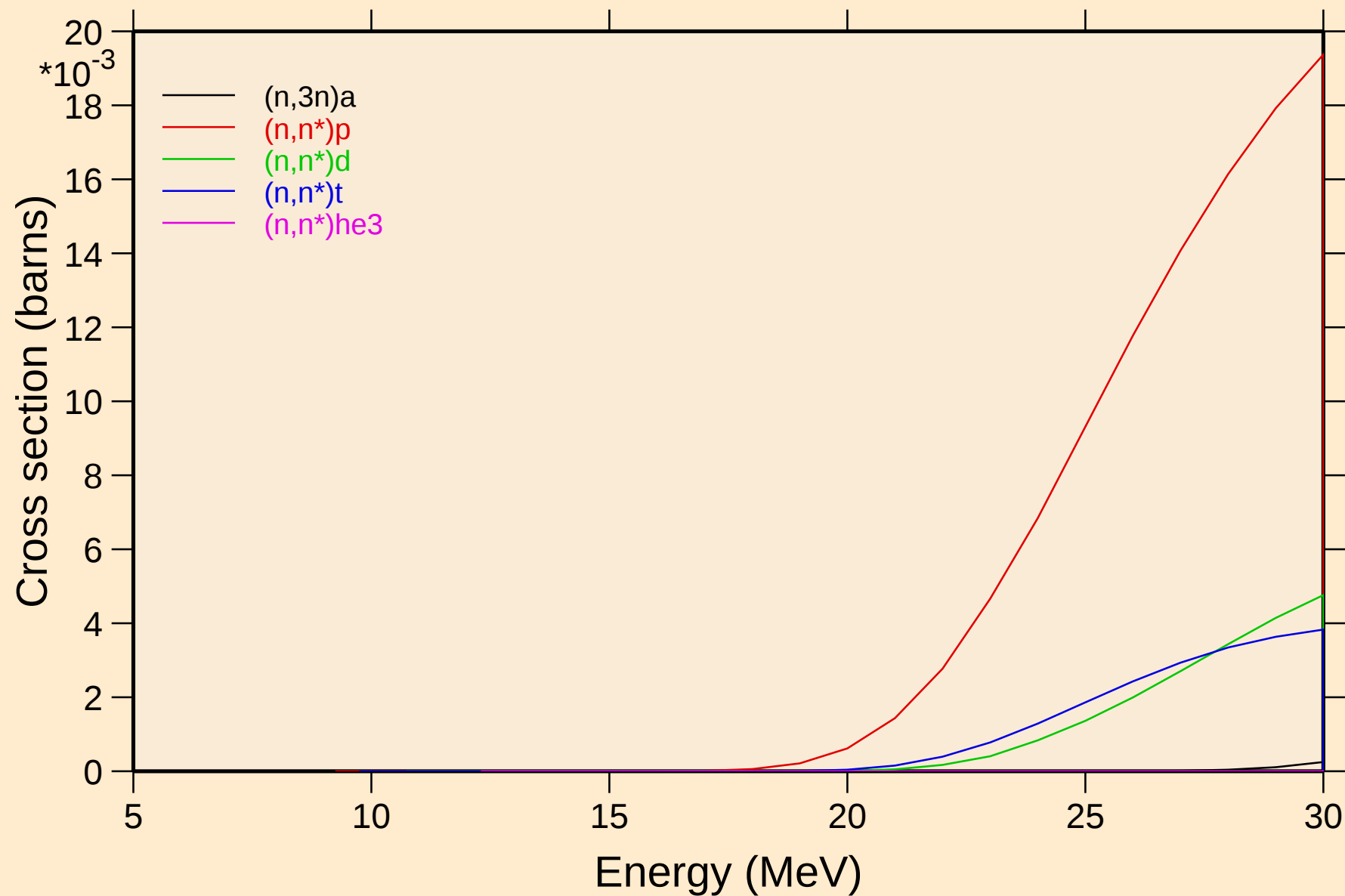
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

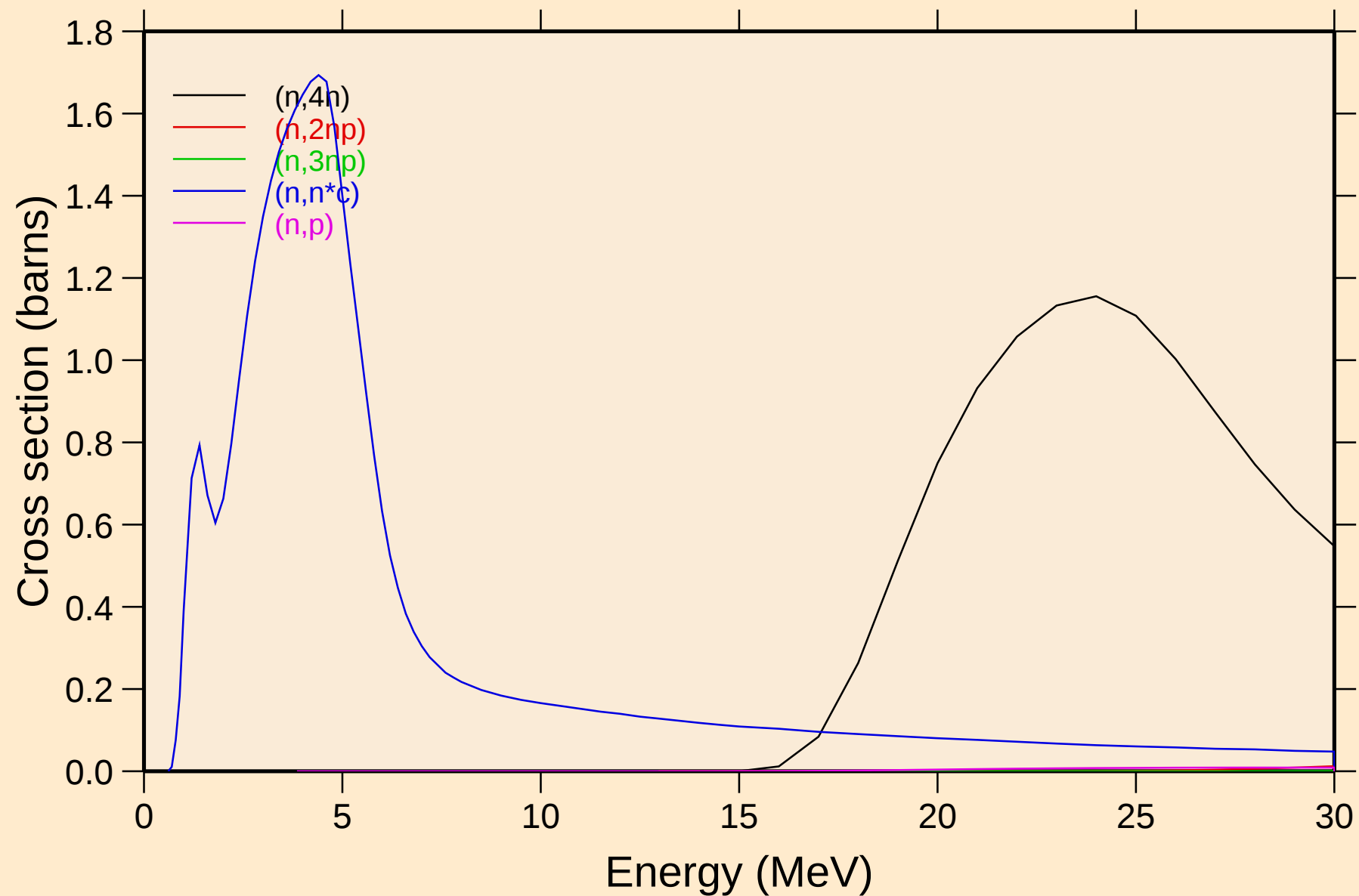


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

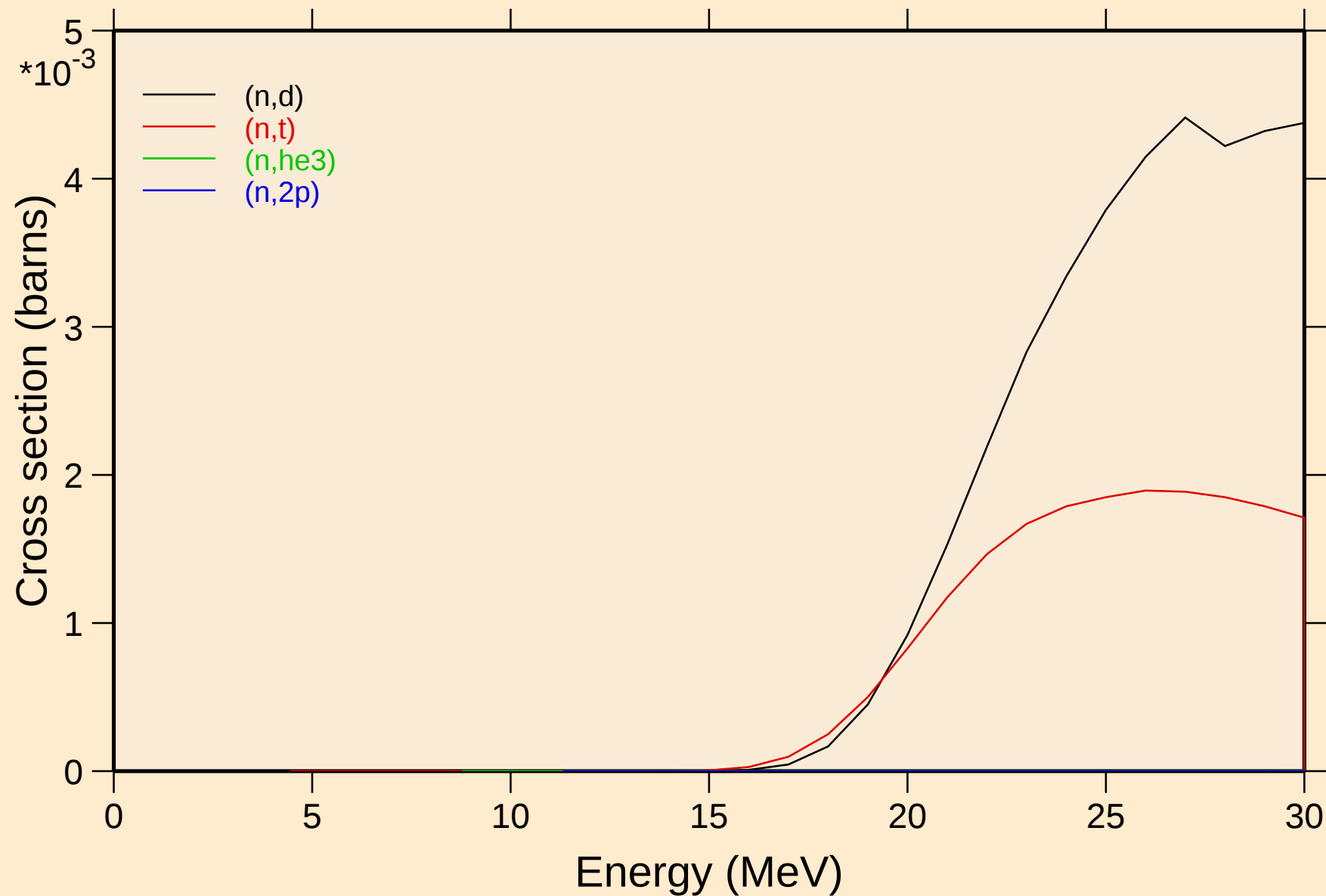


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



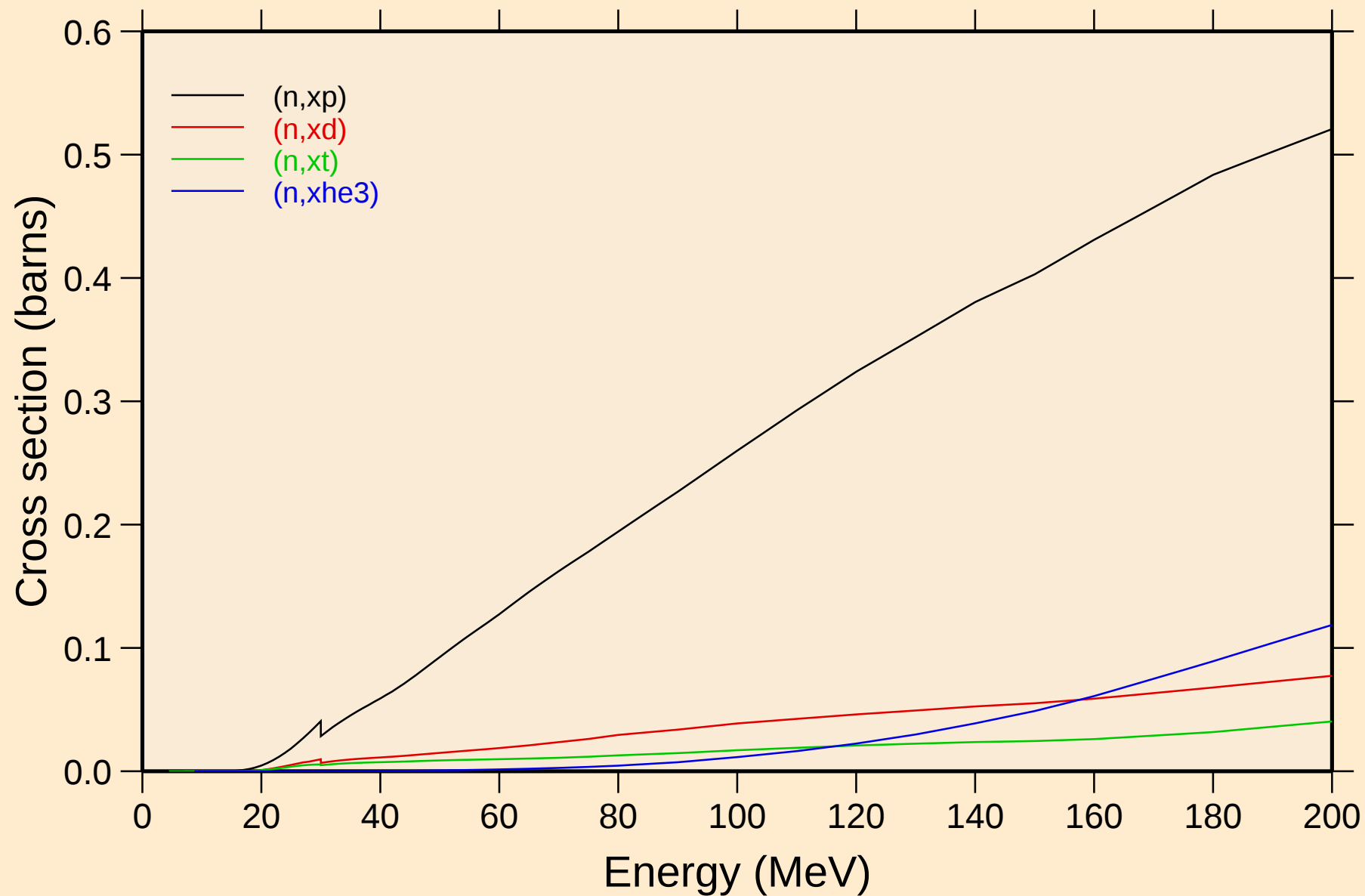
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

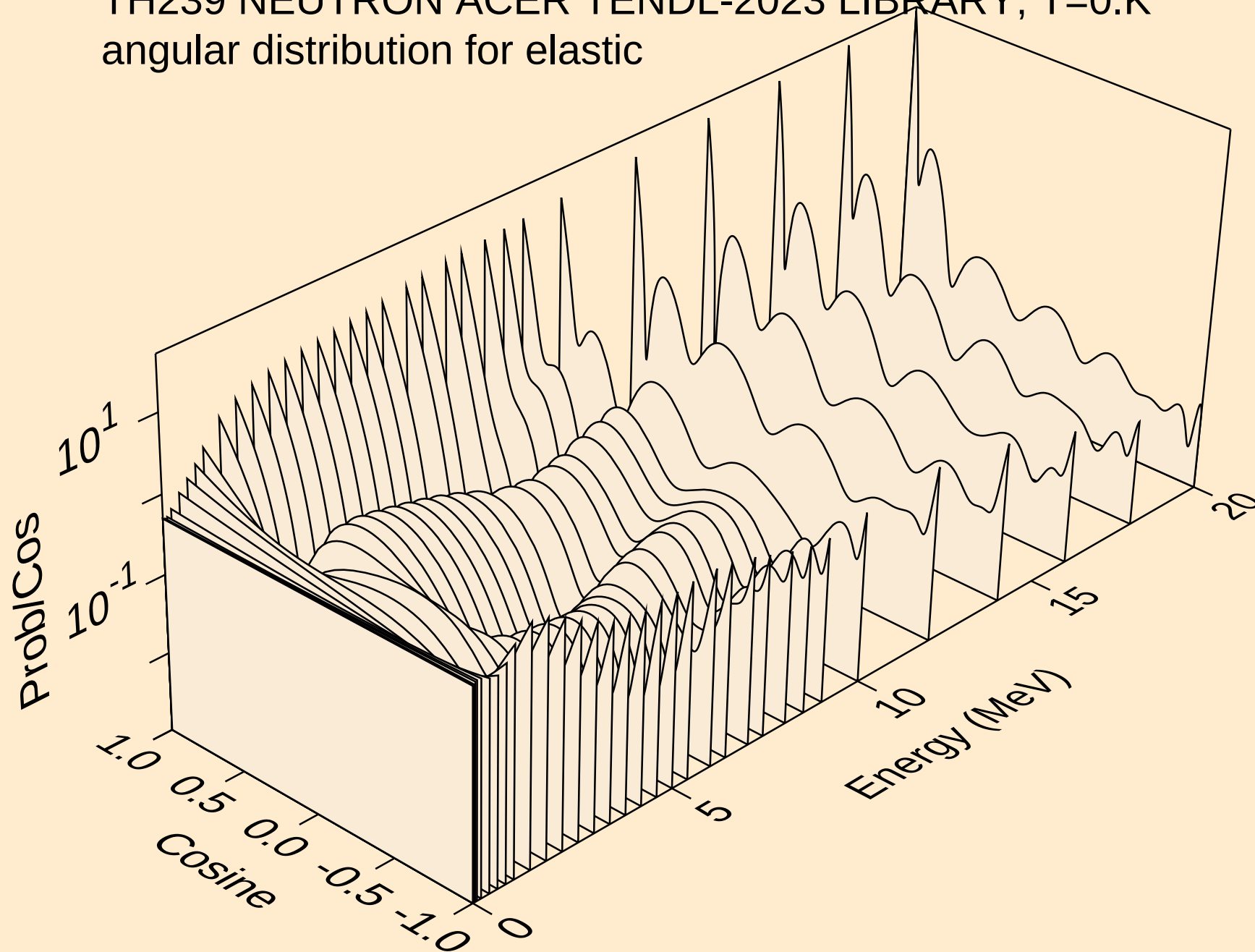


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

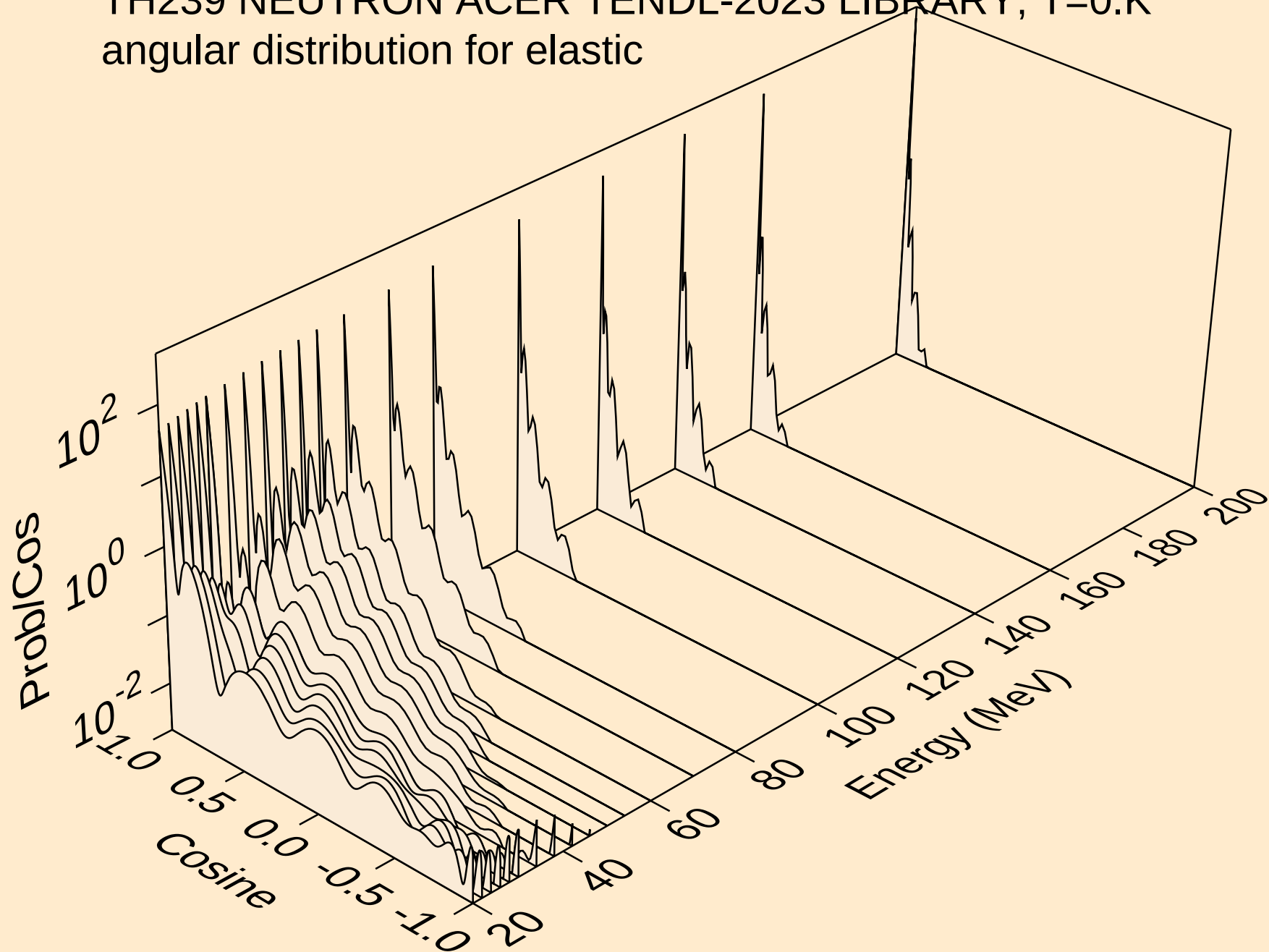
Threshold reactions



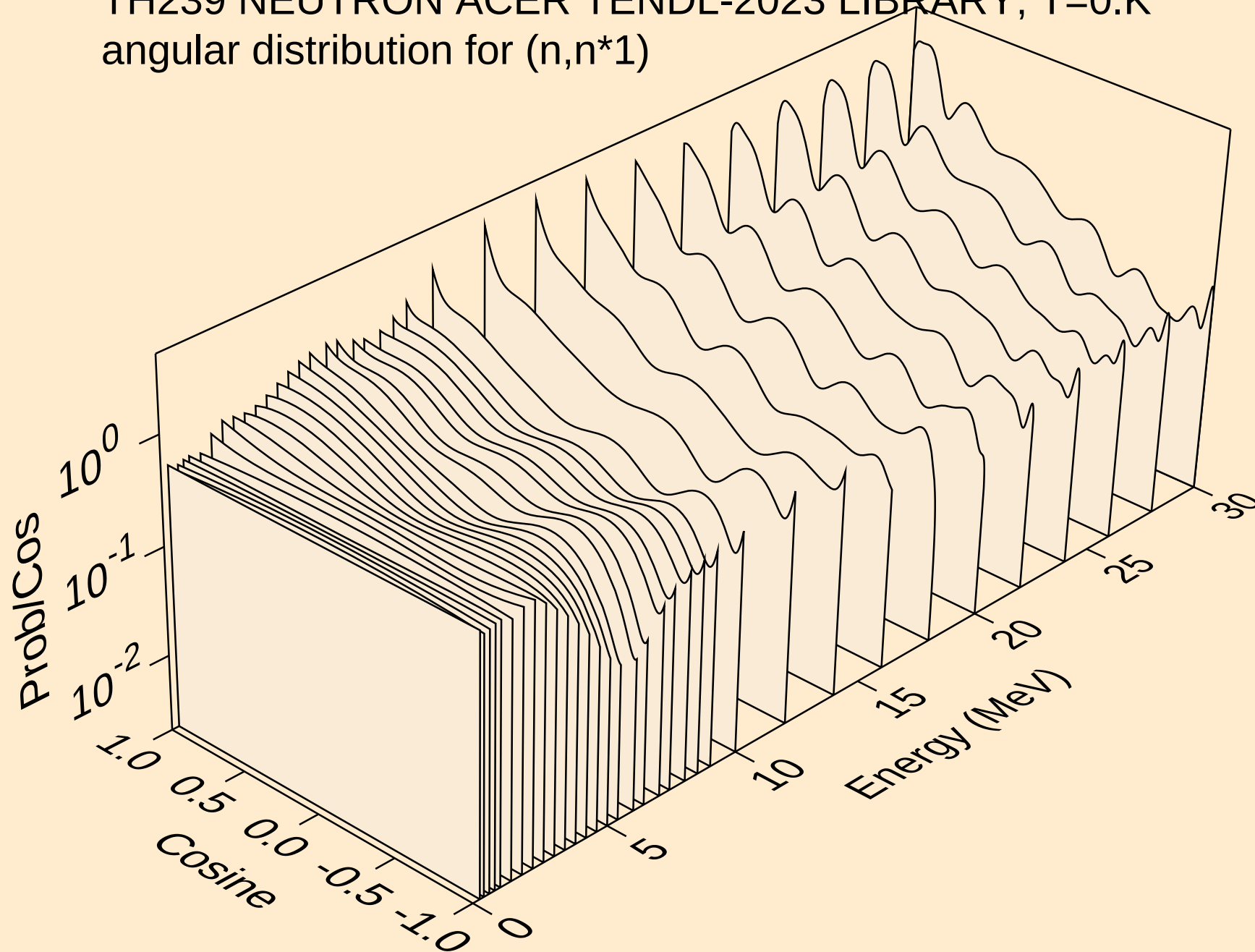
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



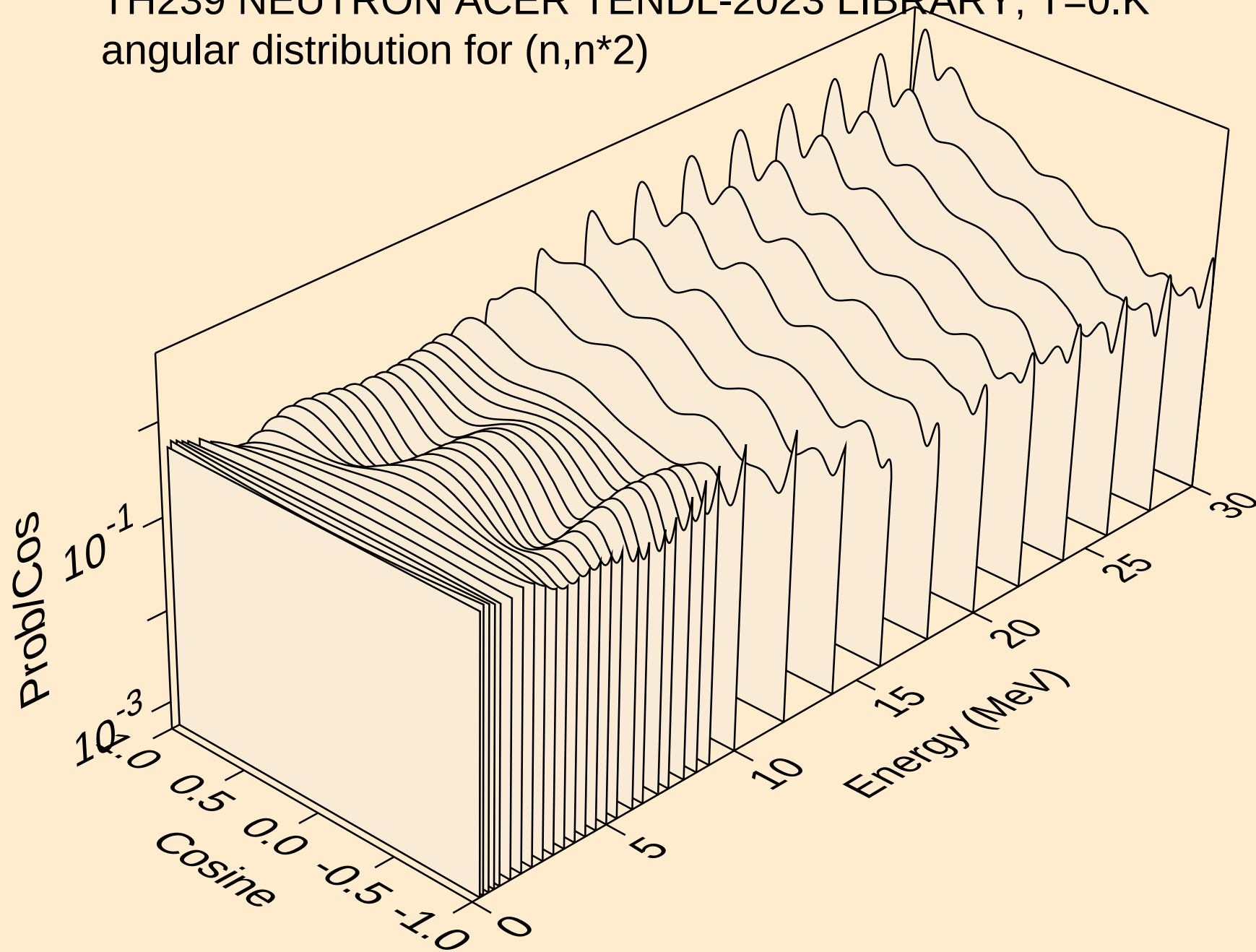
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



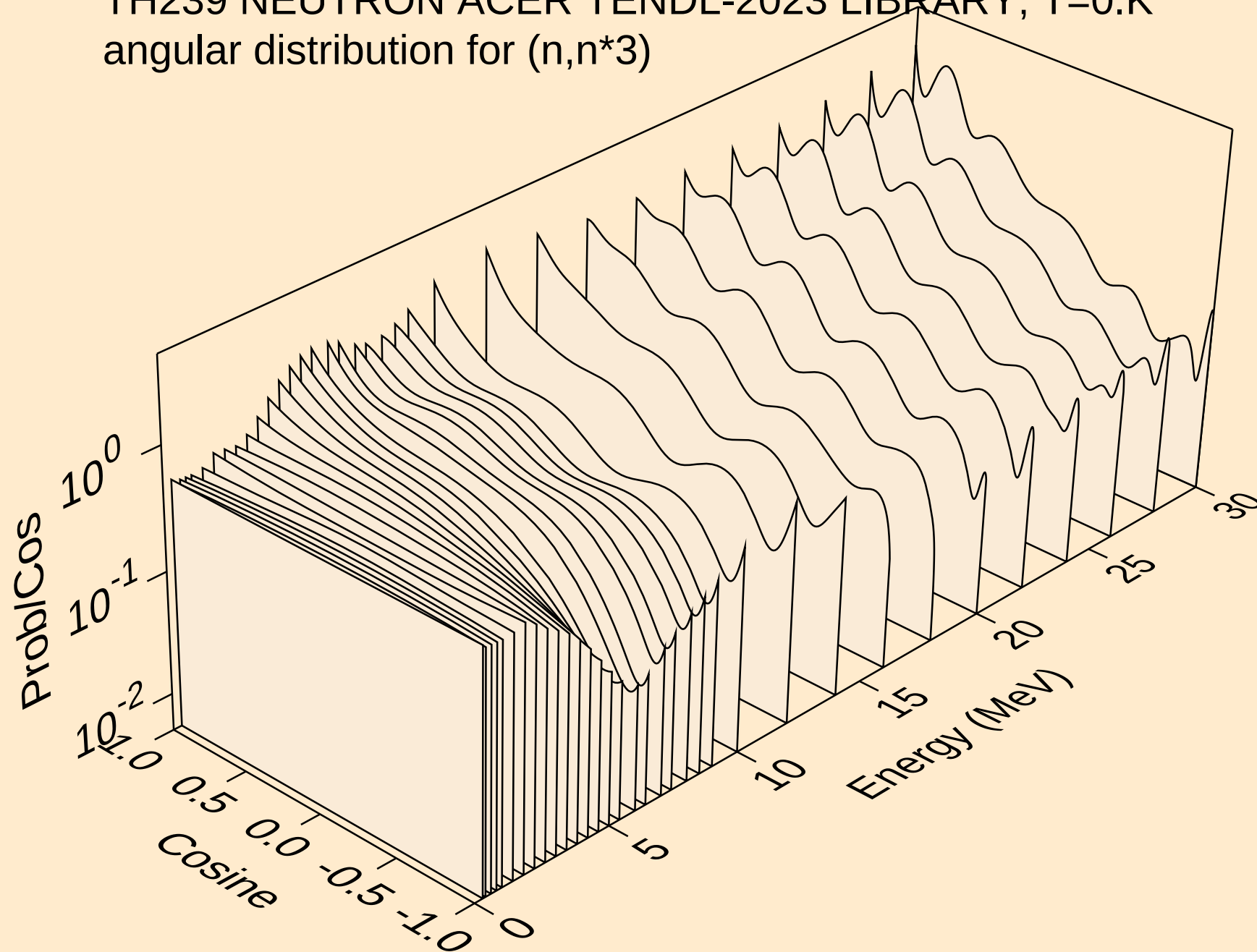
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



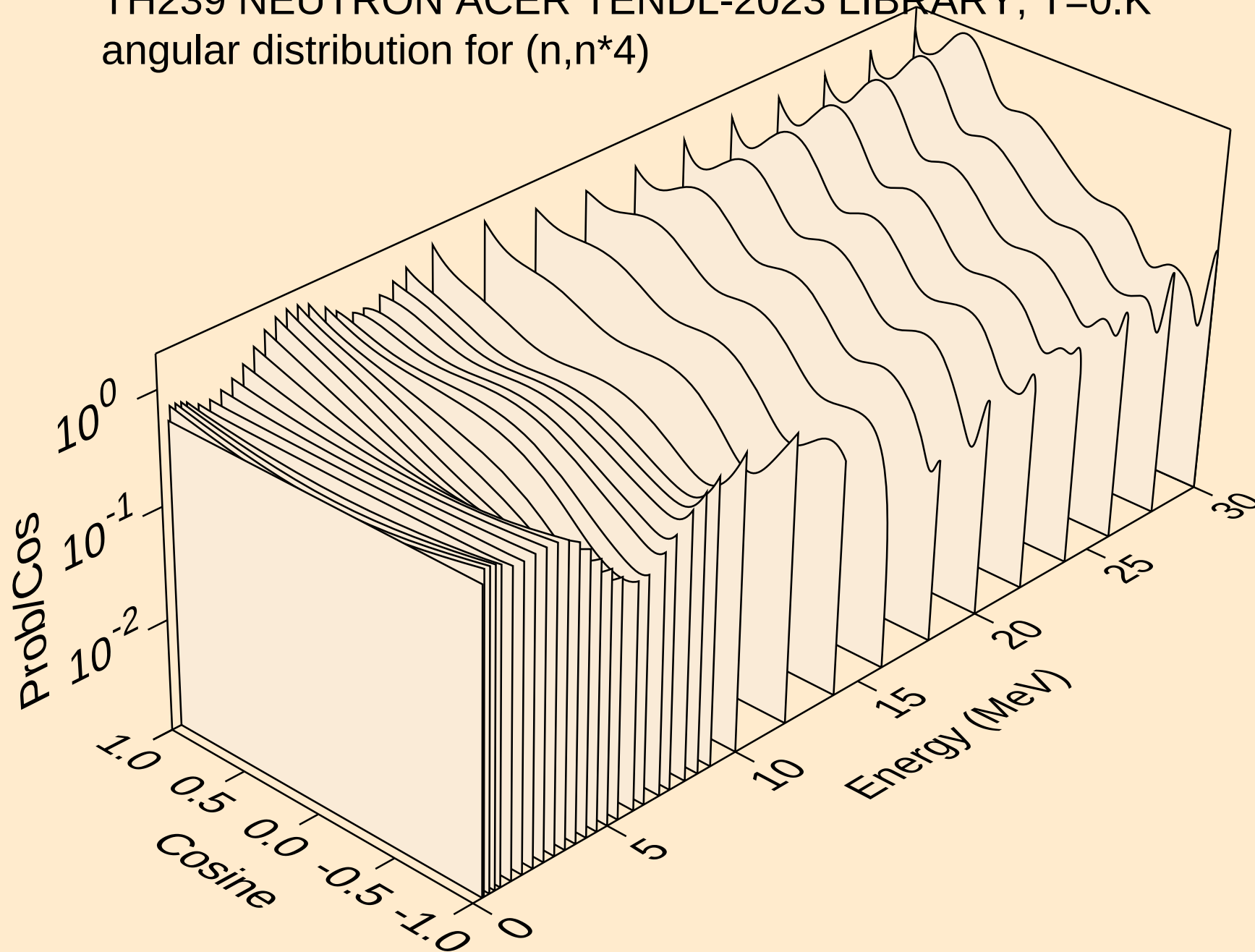
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



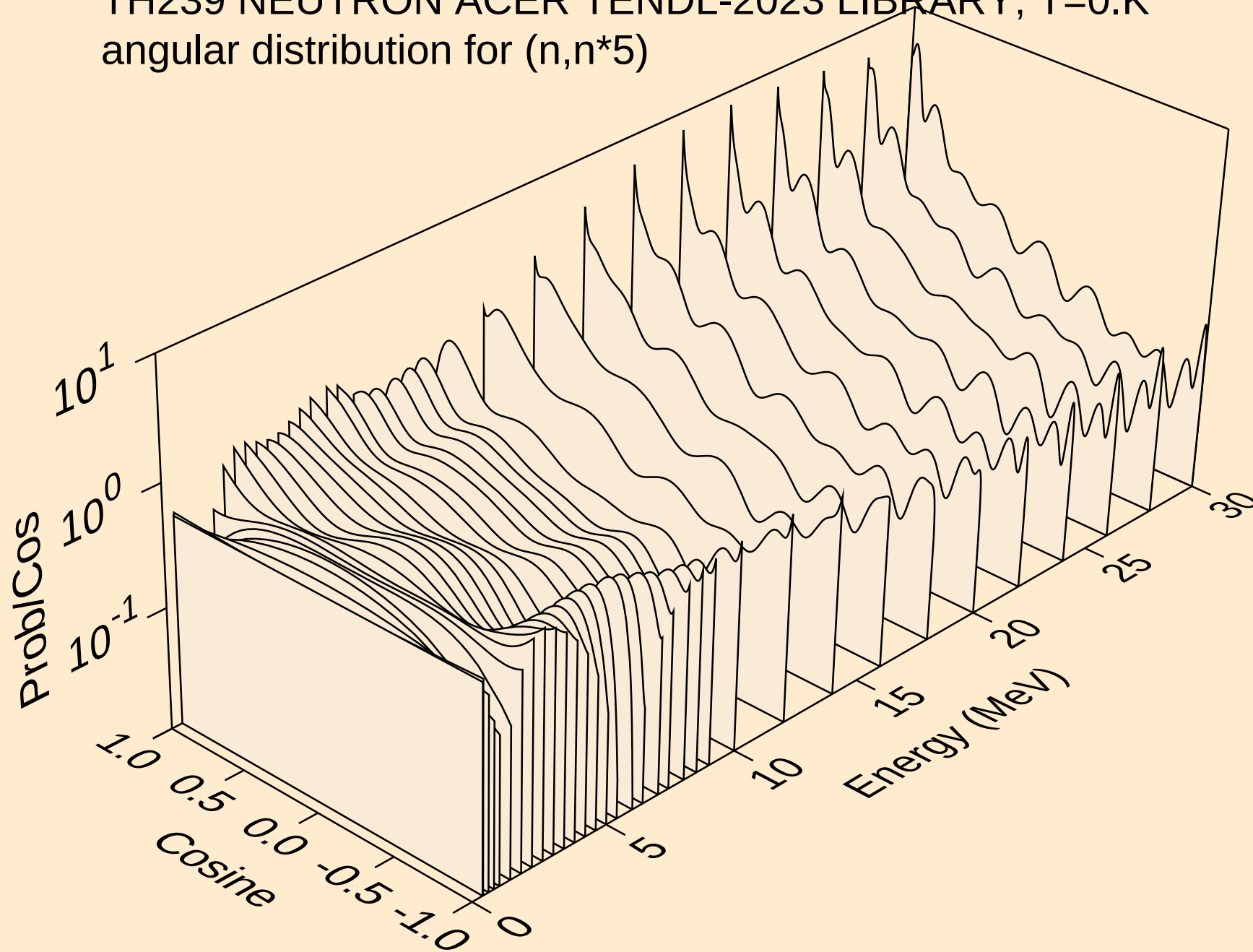
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



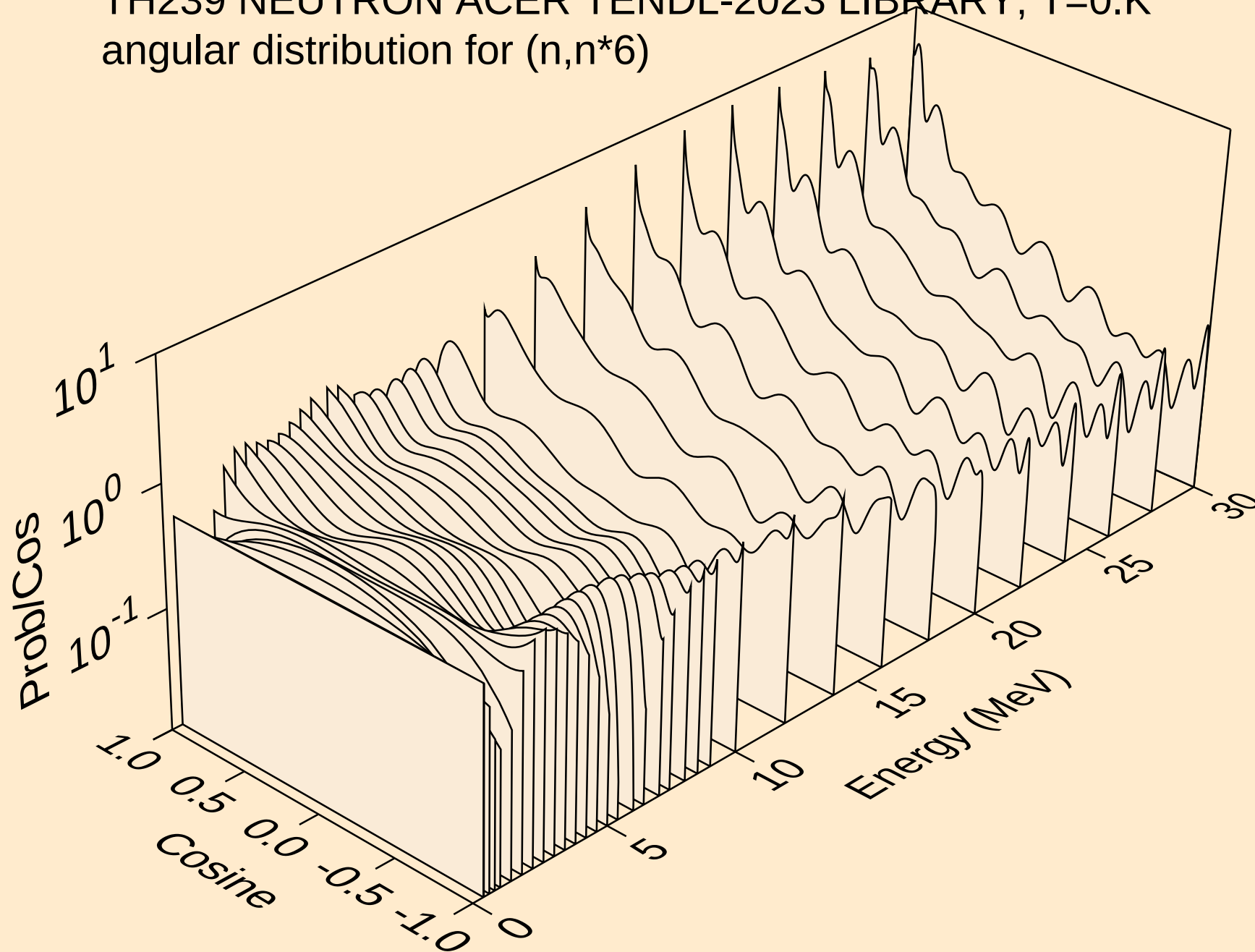
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



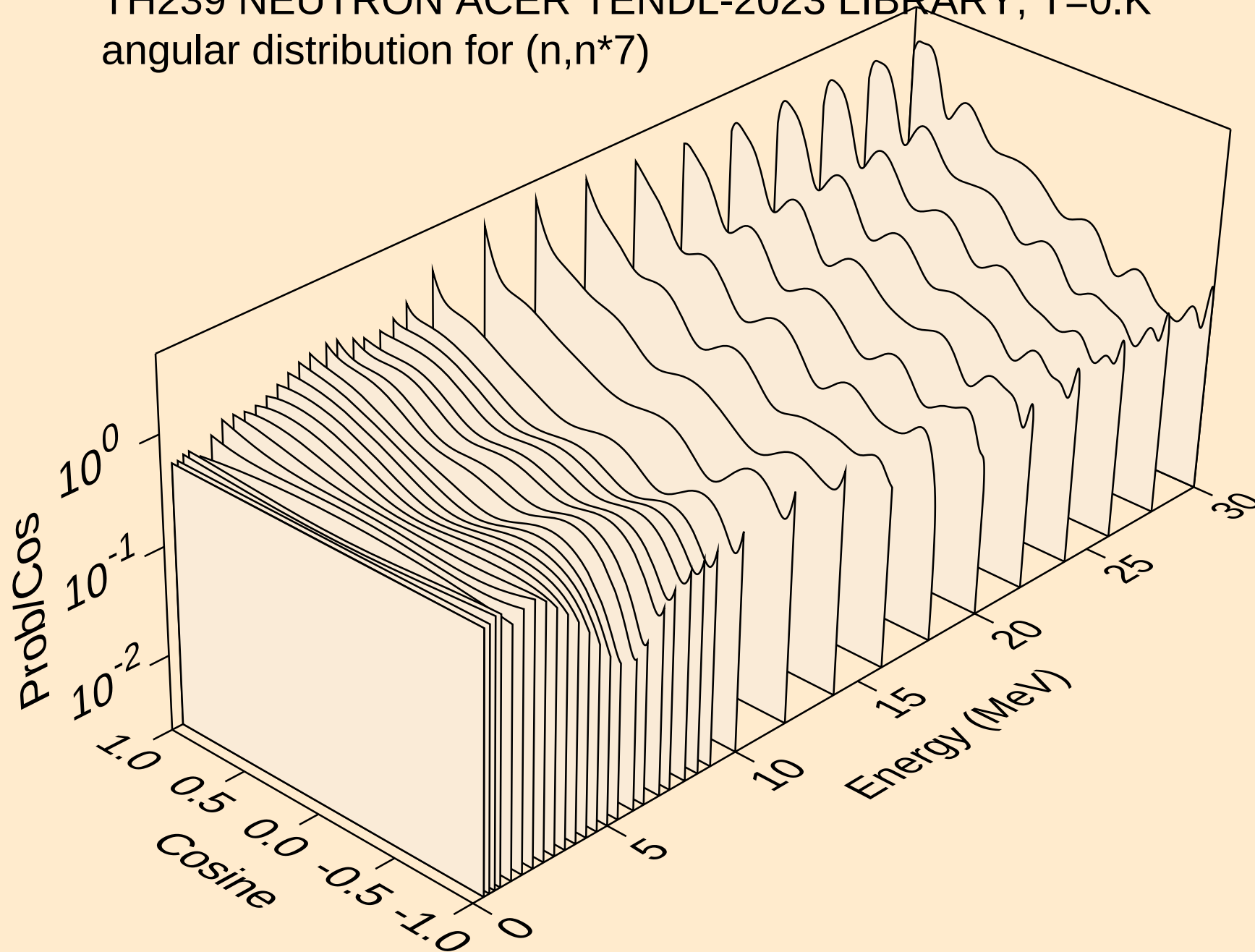
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



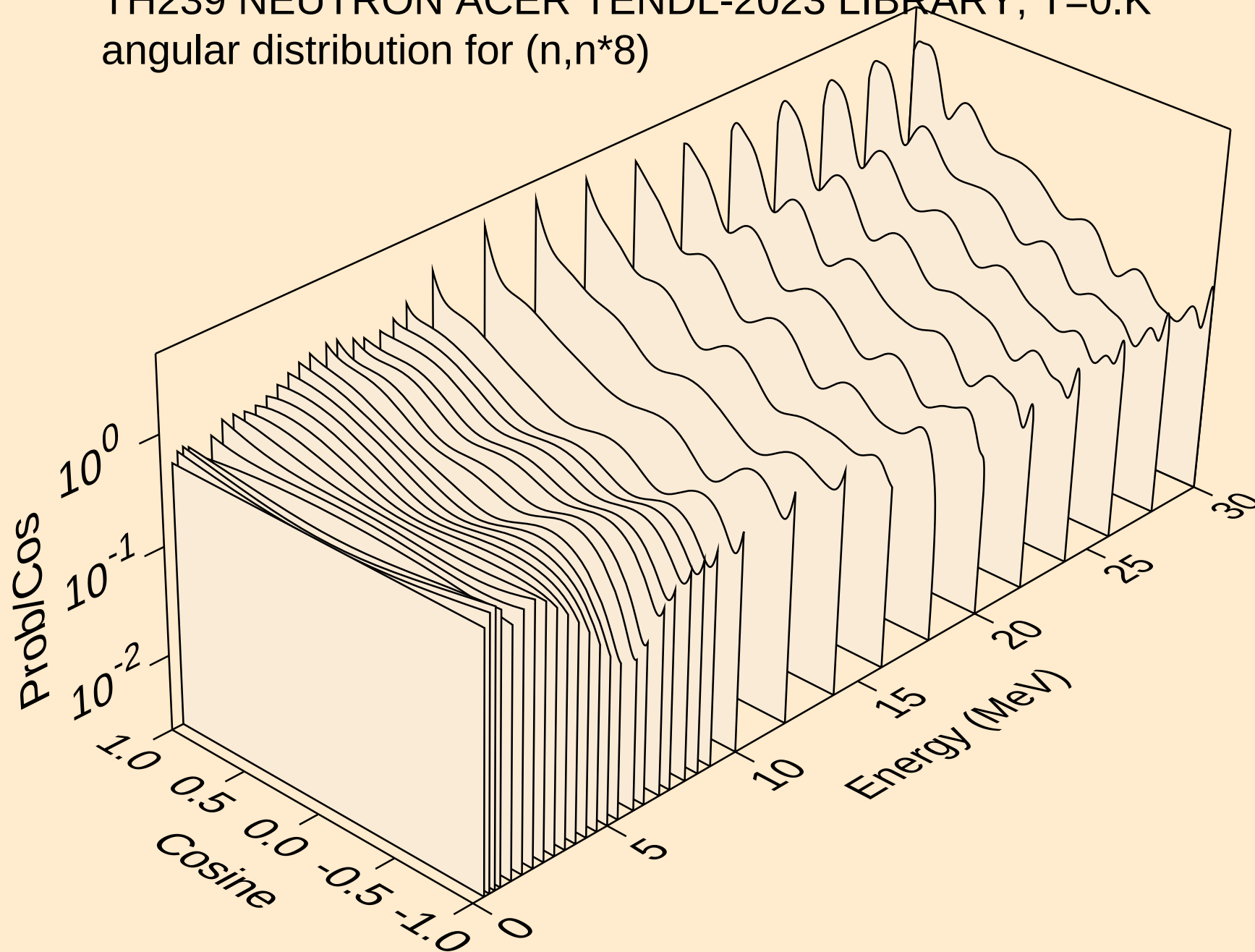
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



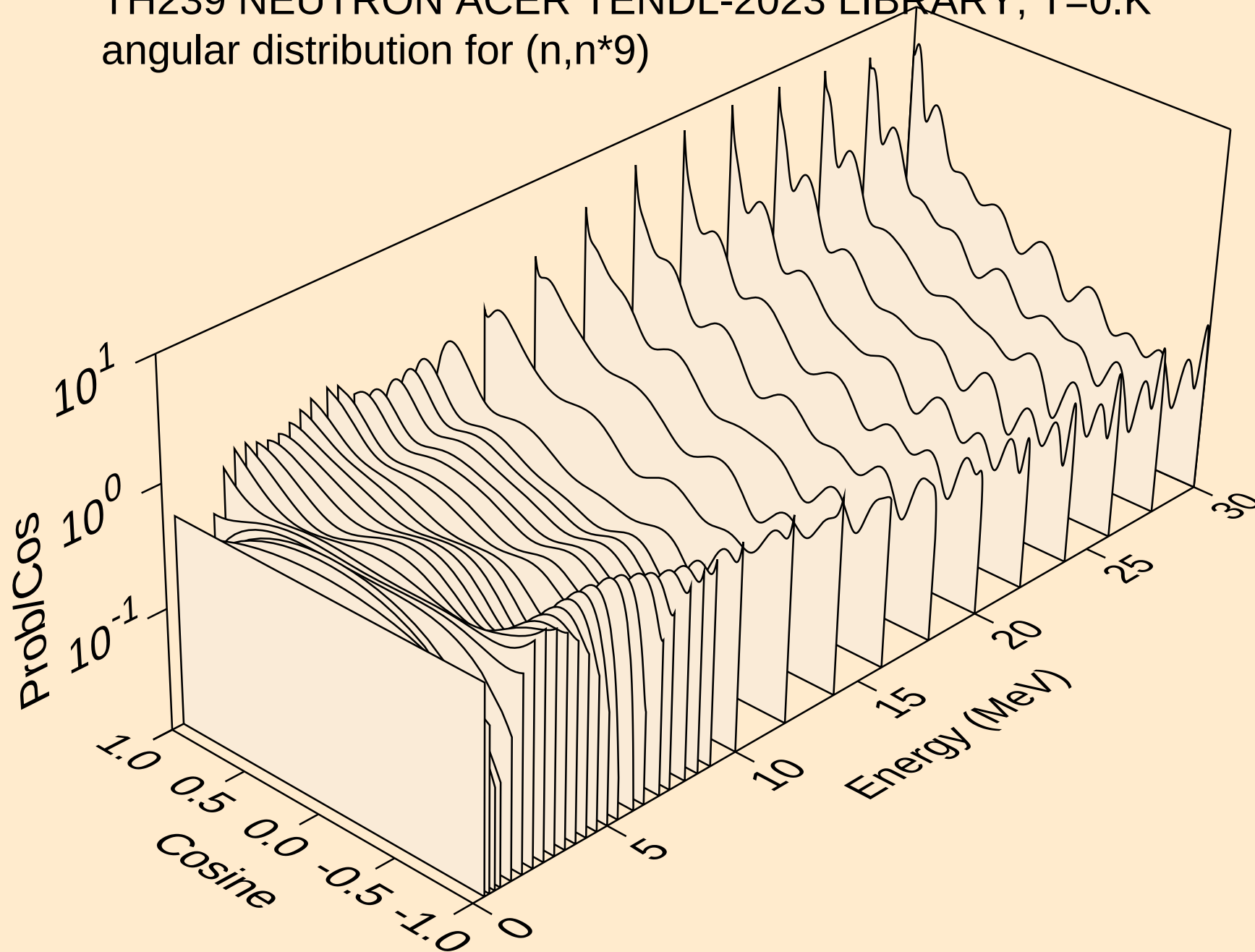
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



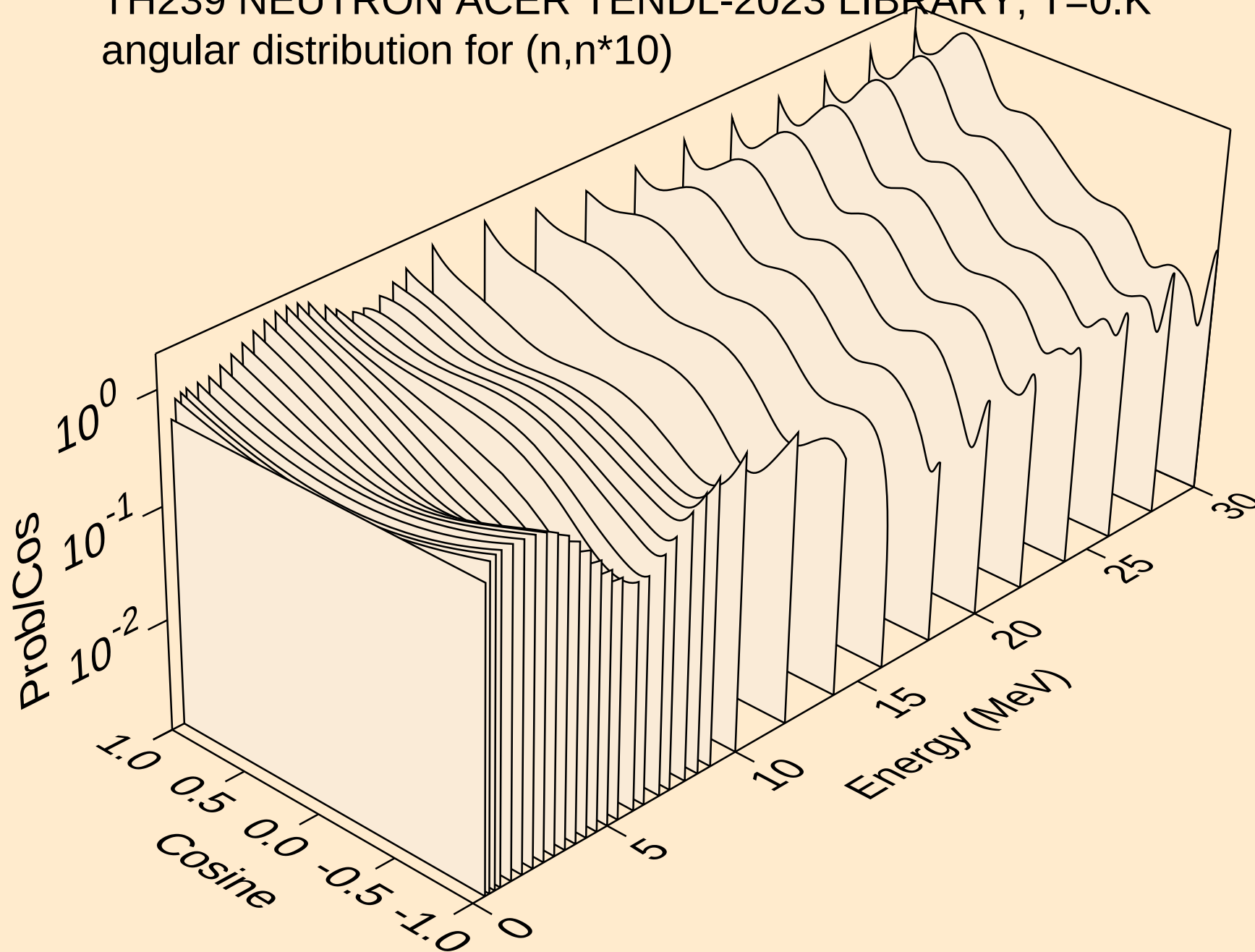
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



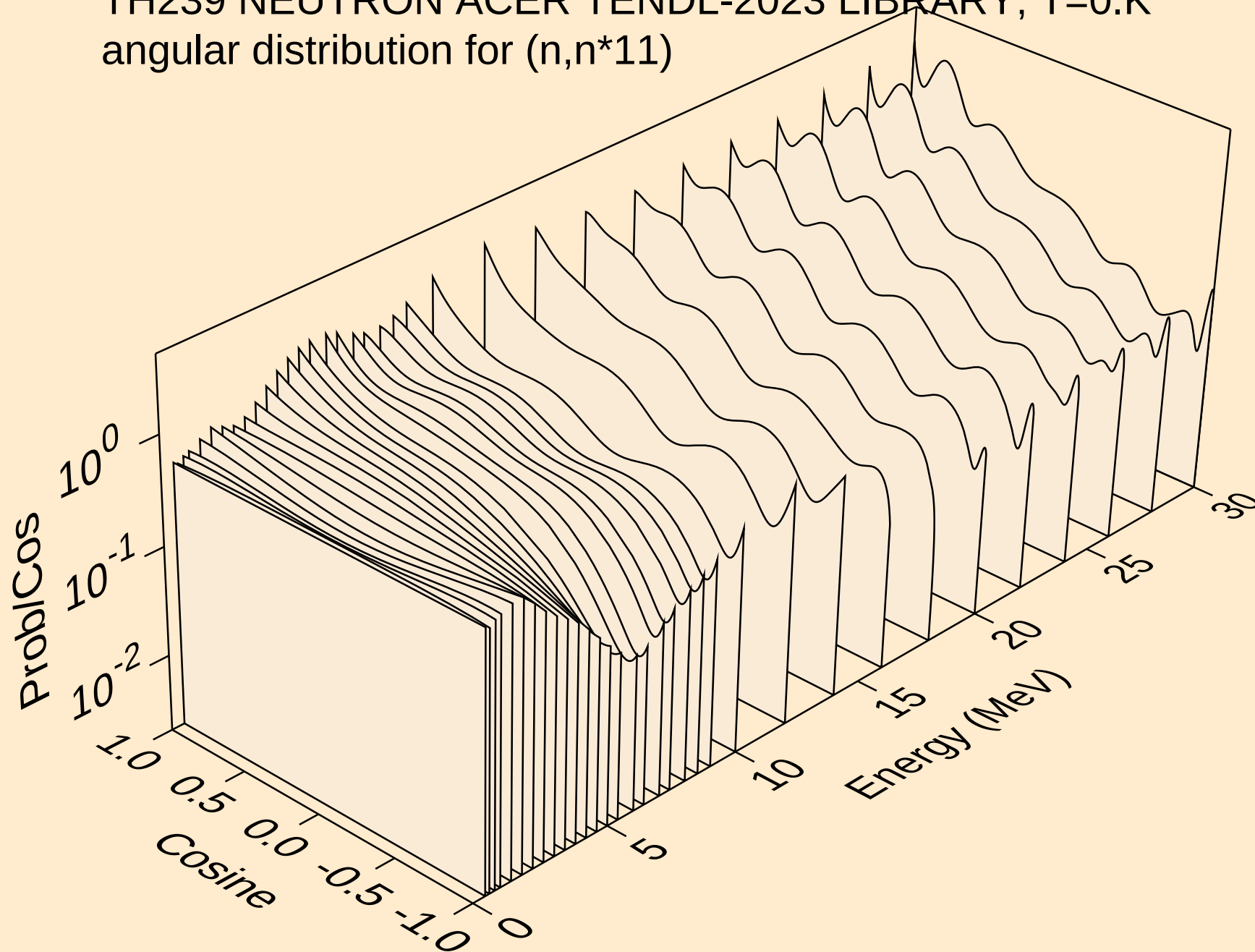
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



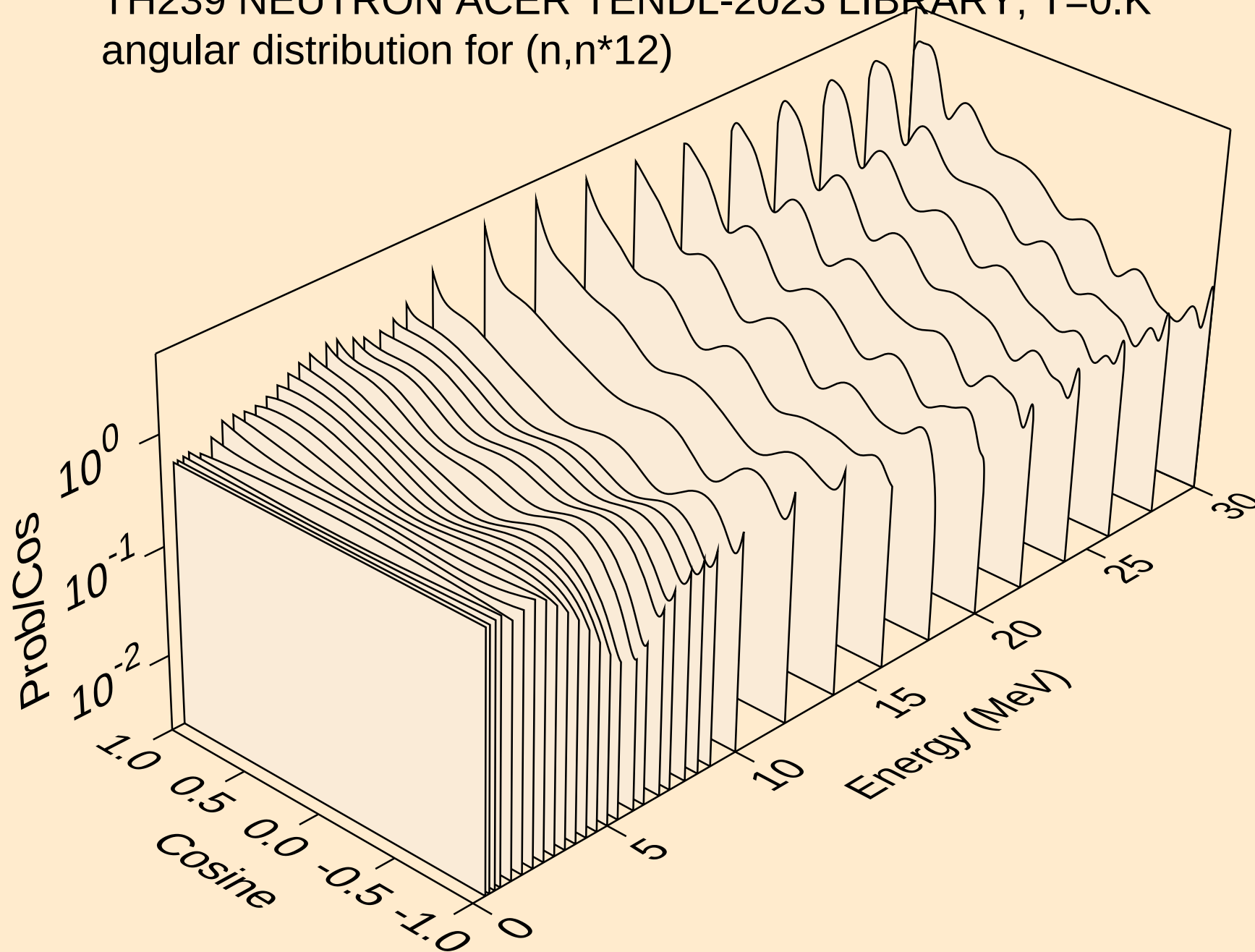
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



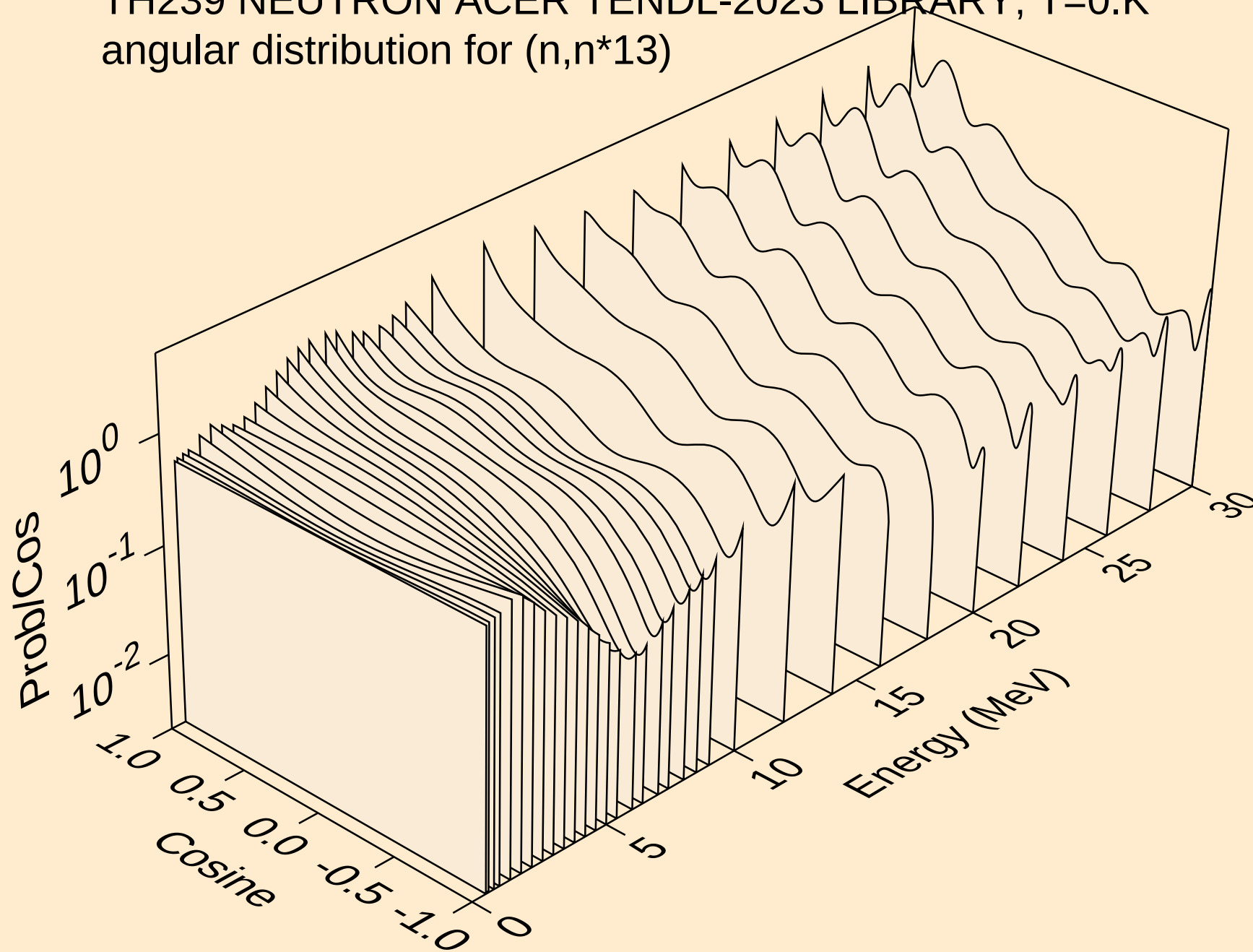
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



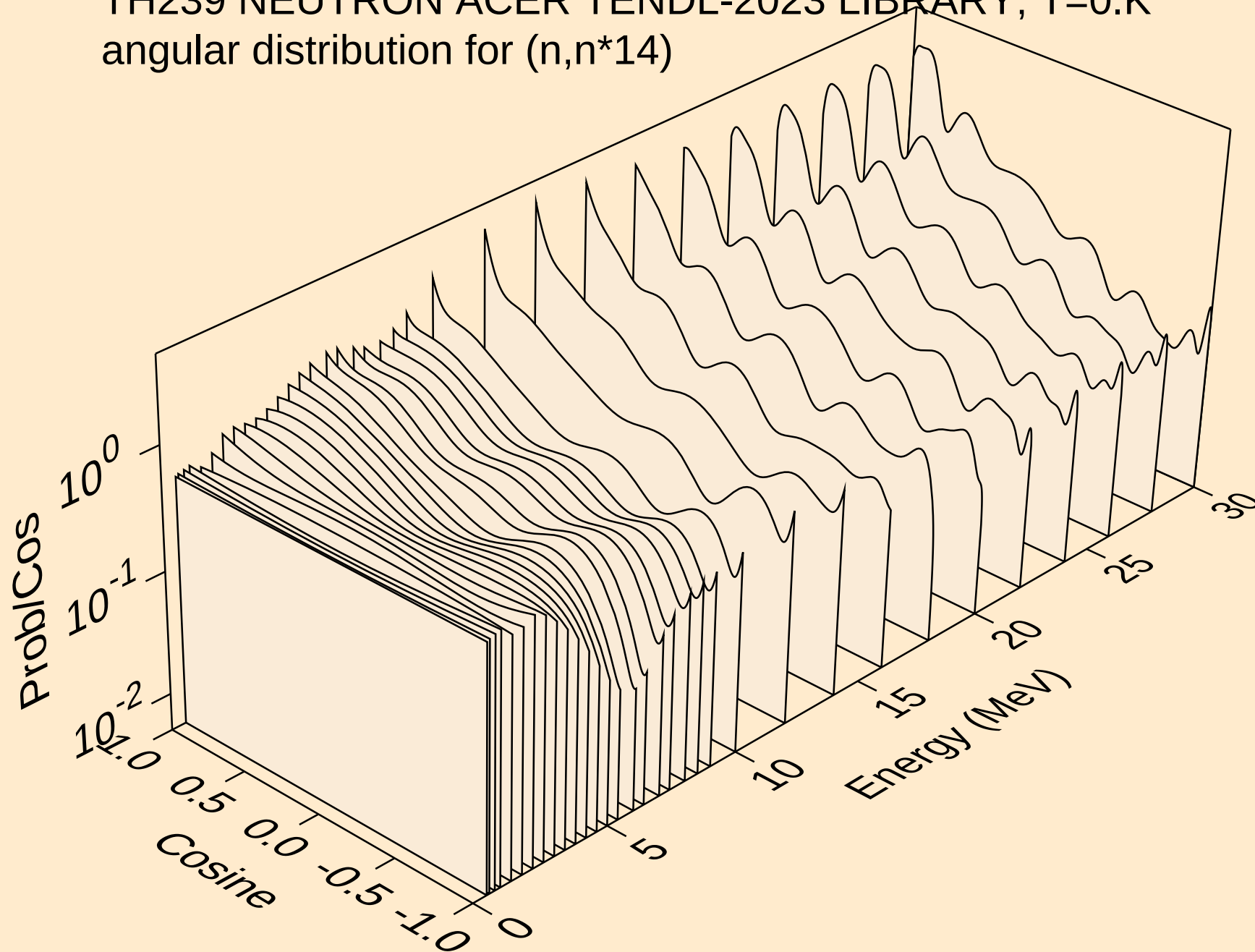
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



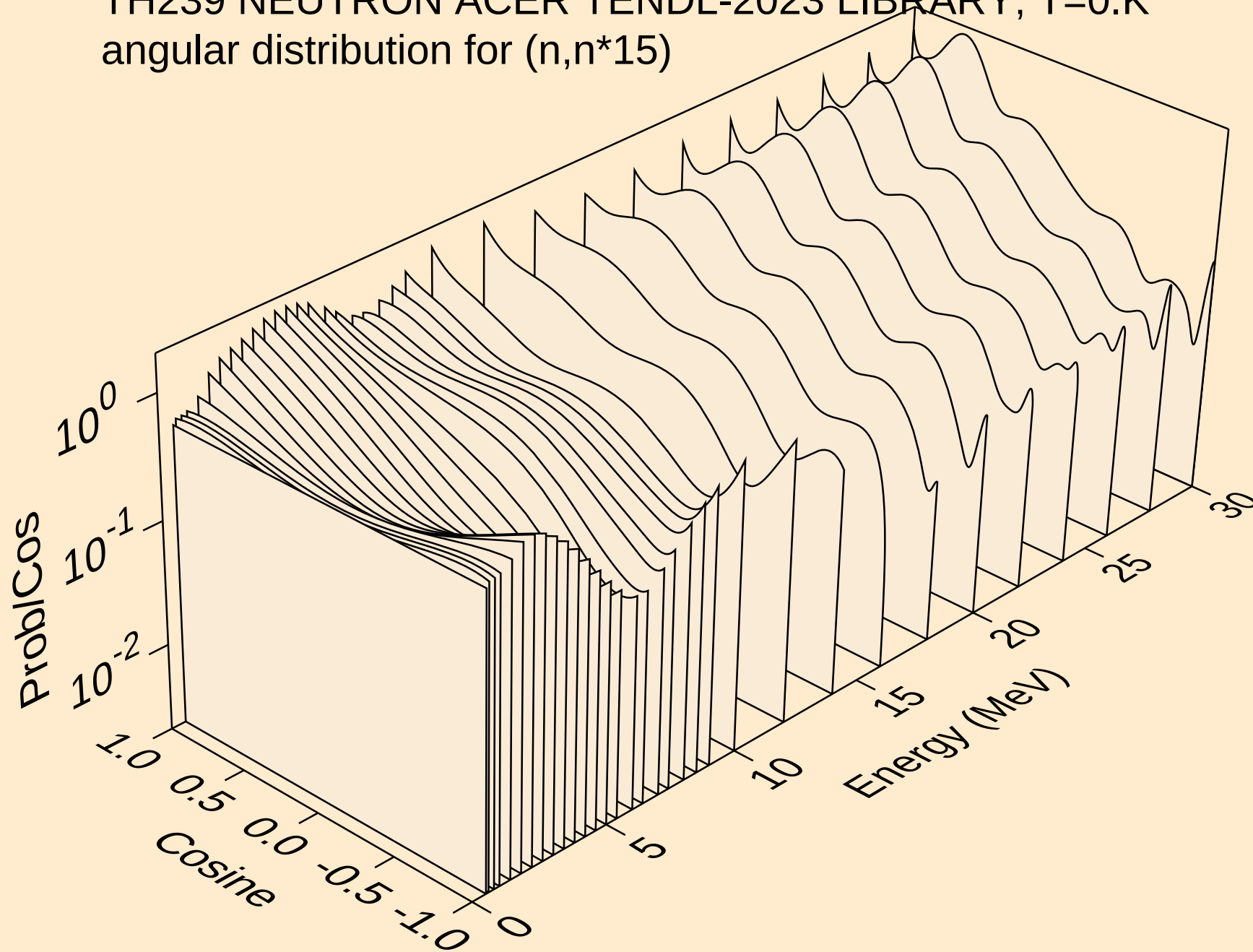
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



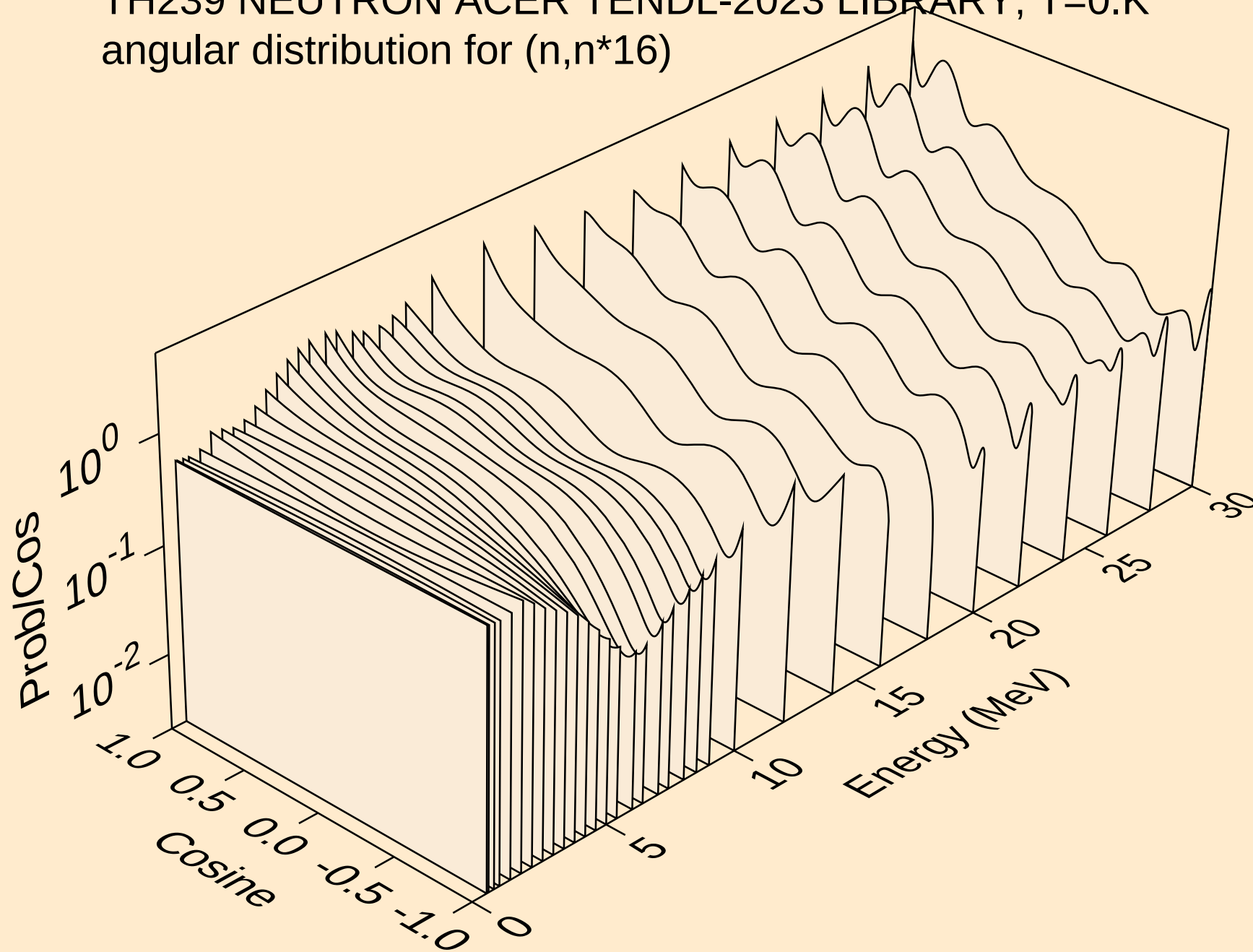
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



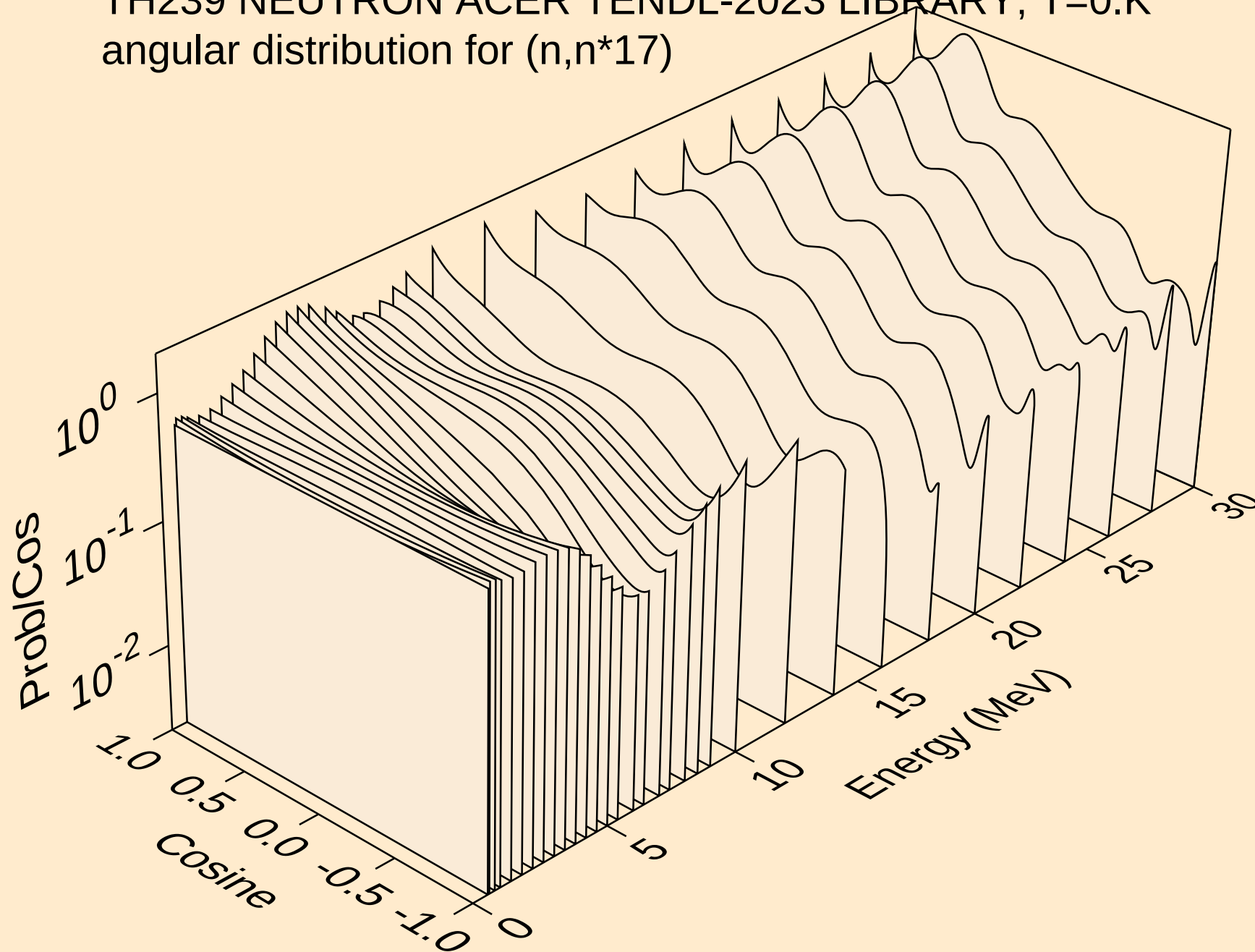
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



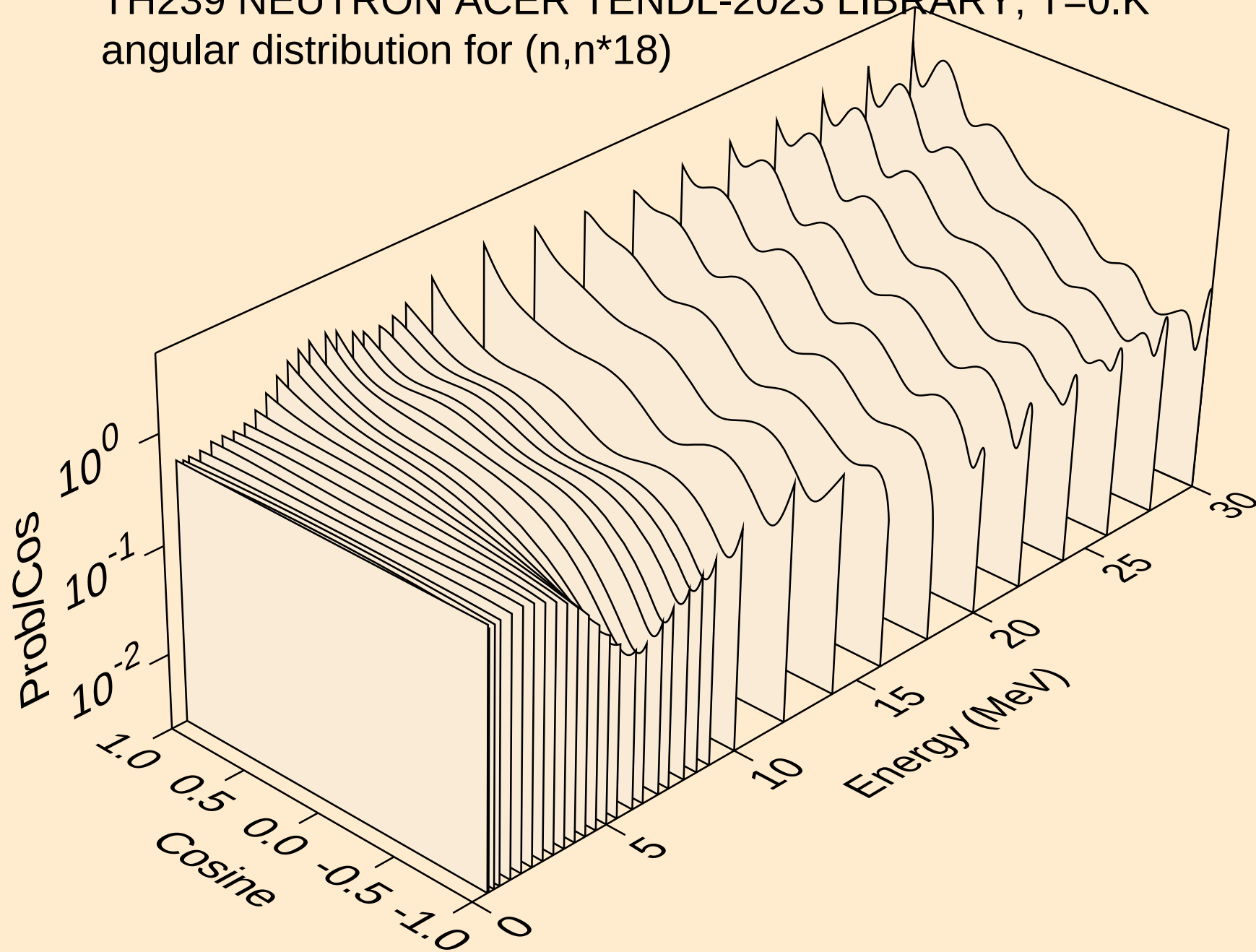
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



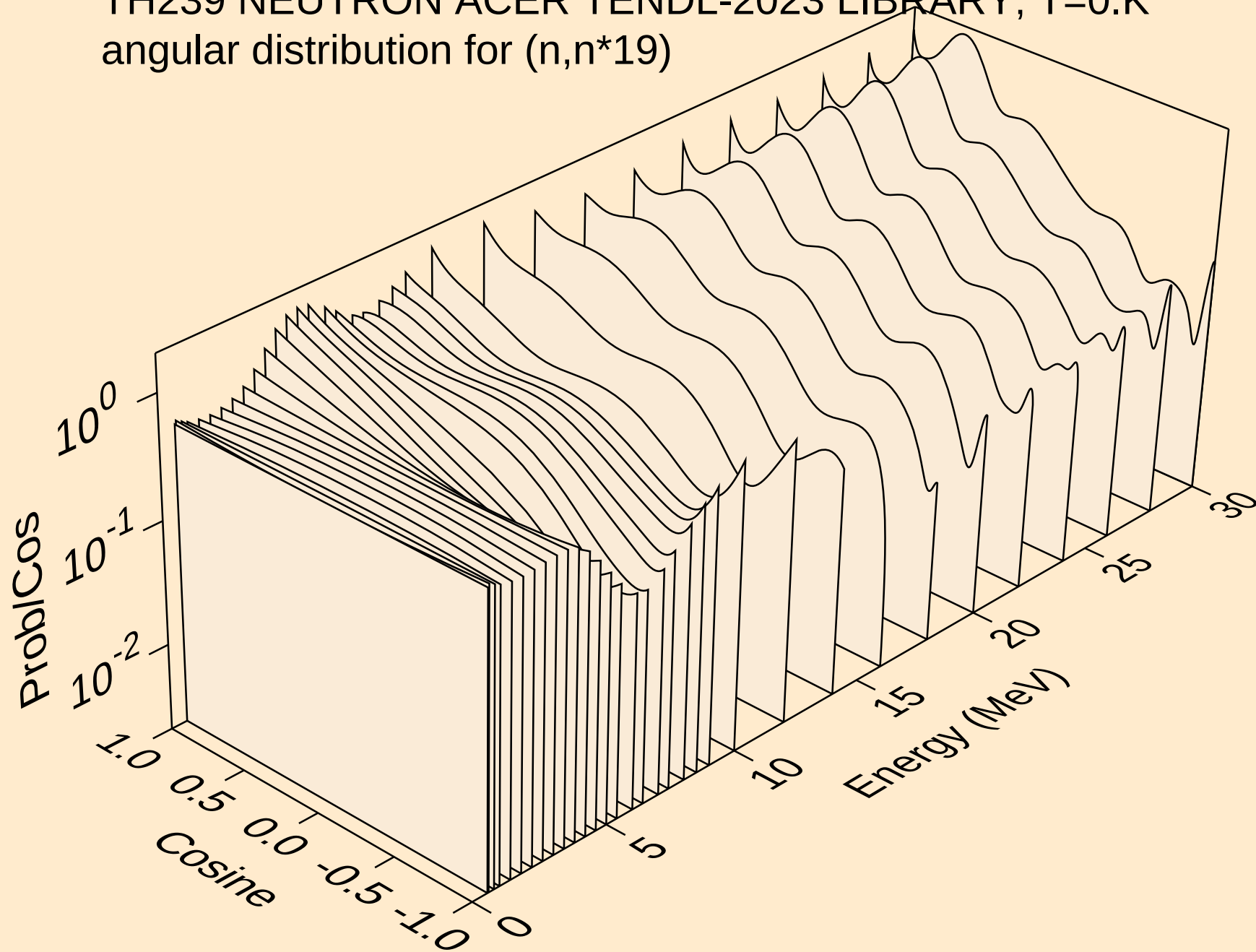
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*17)



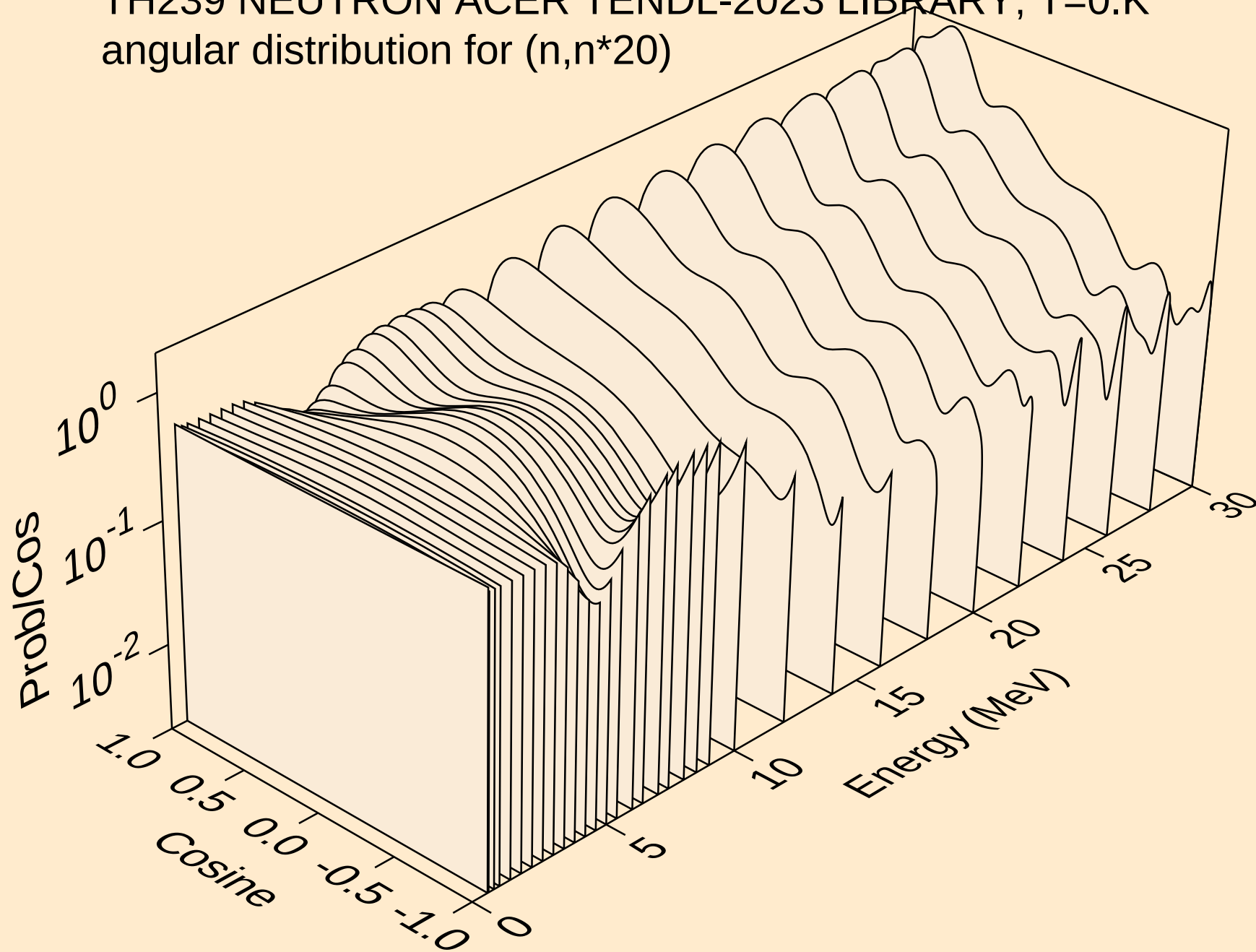
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*18)



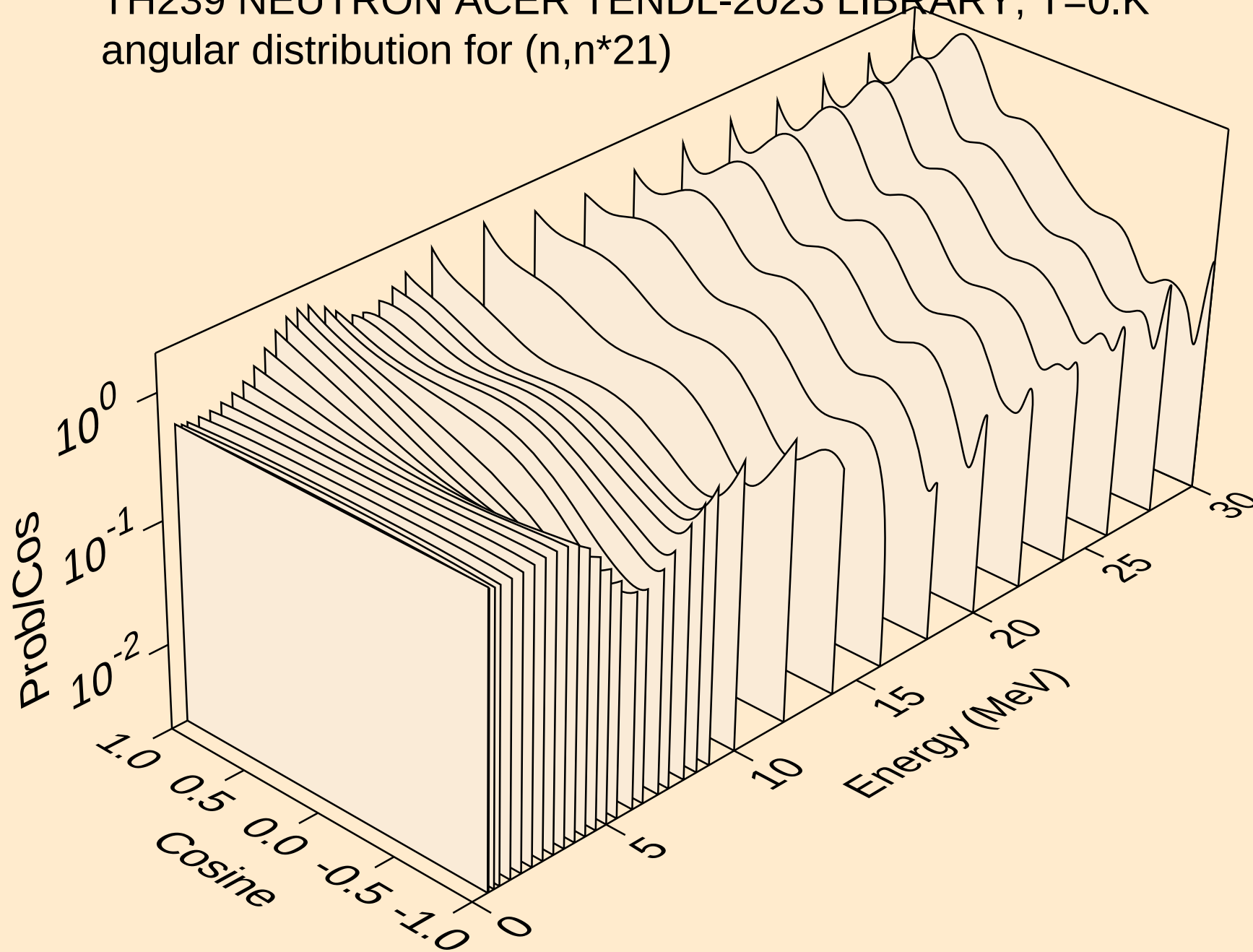
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*19)



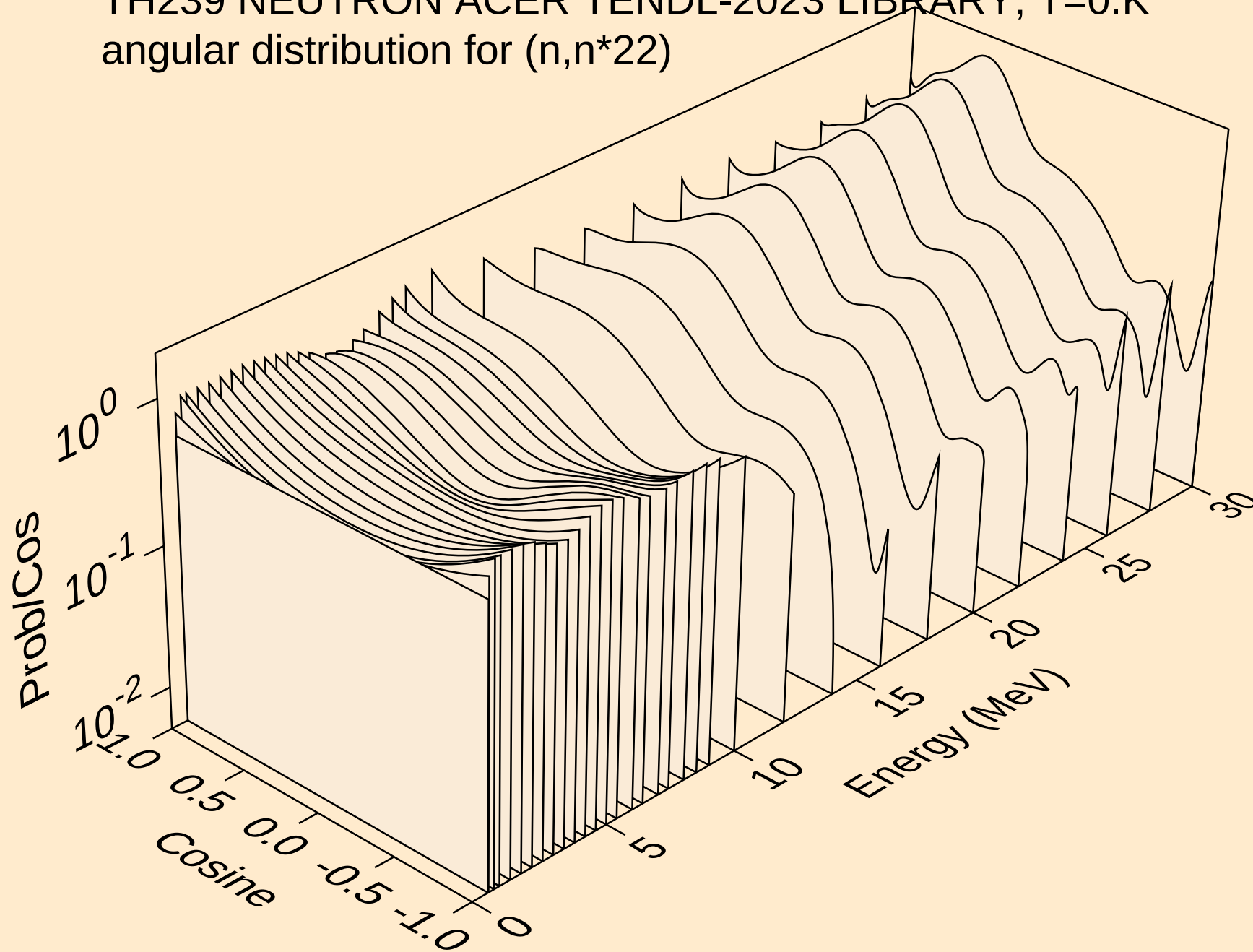
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*20)



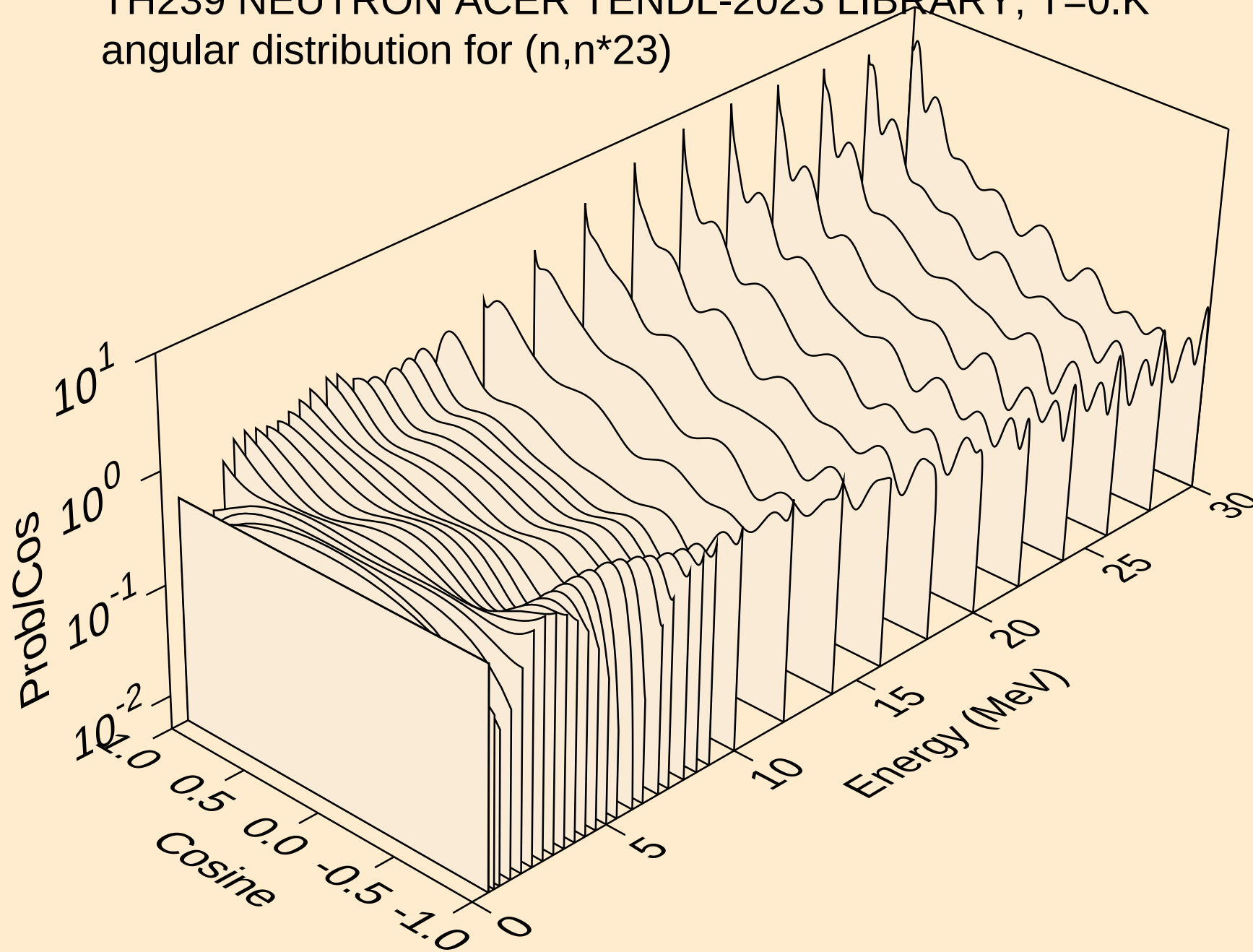
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*21)



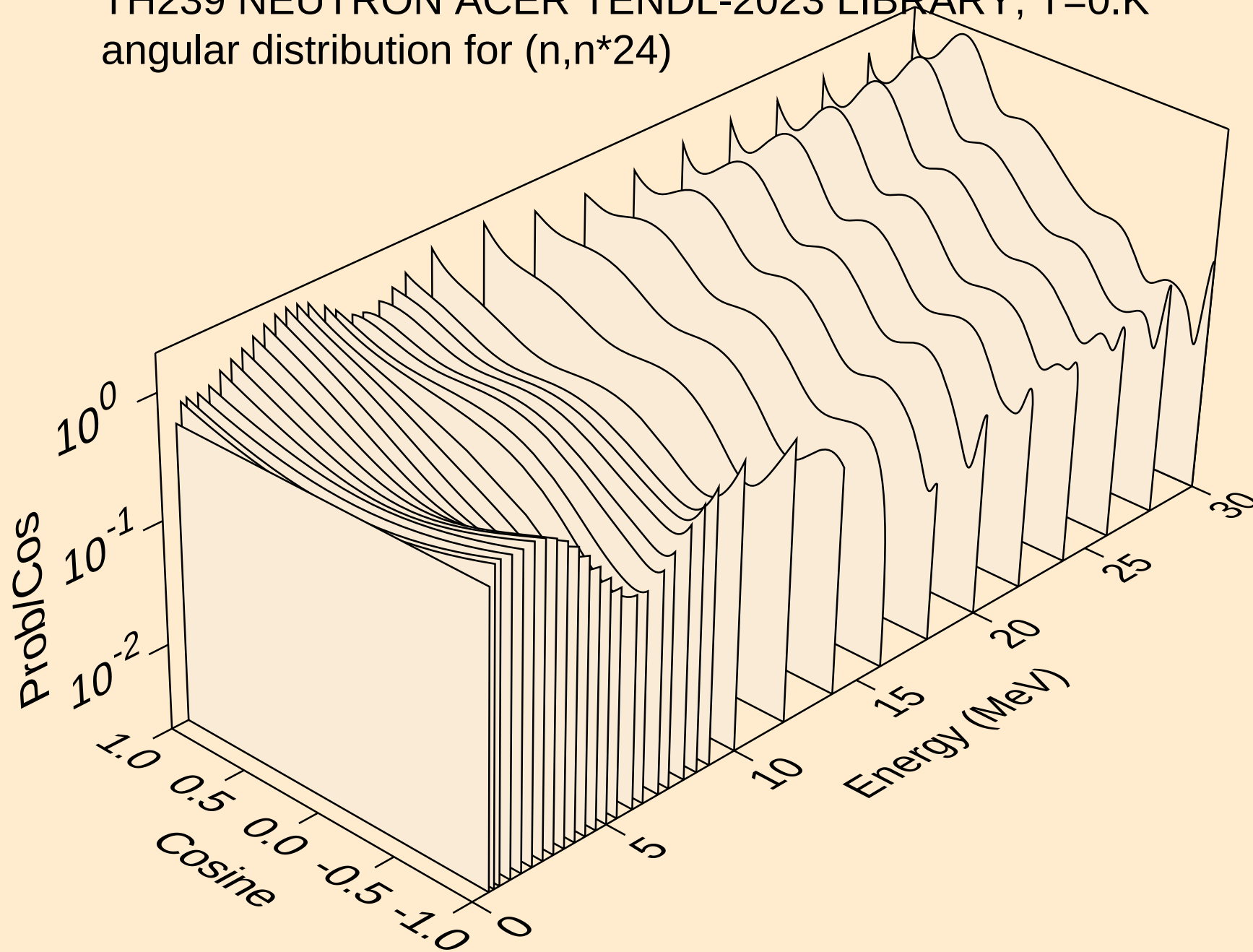
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*22)



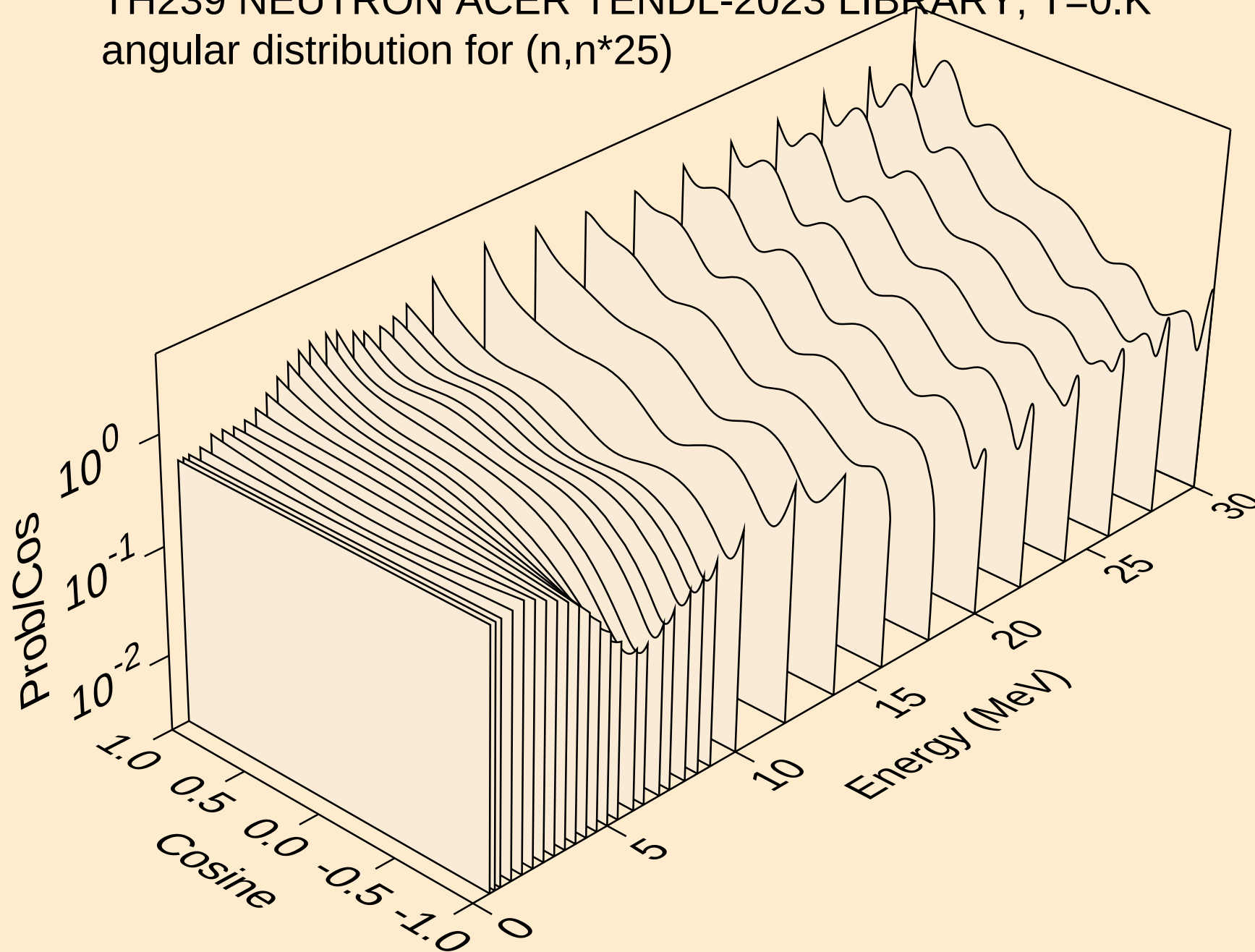
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*23)



TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*24)

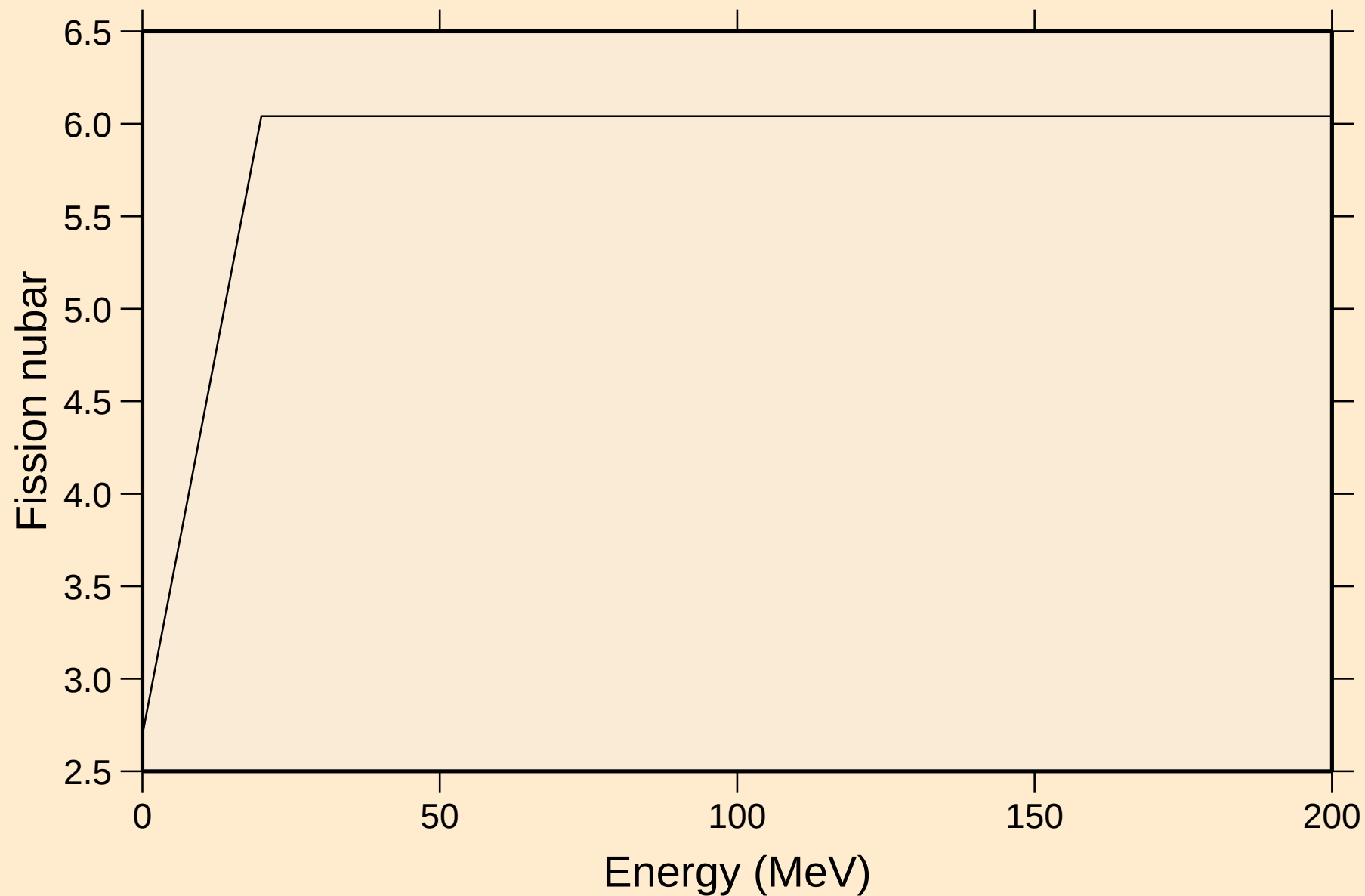


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*25)

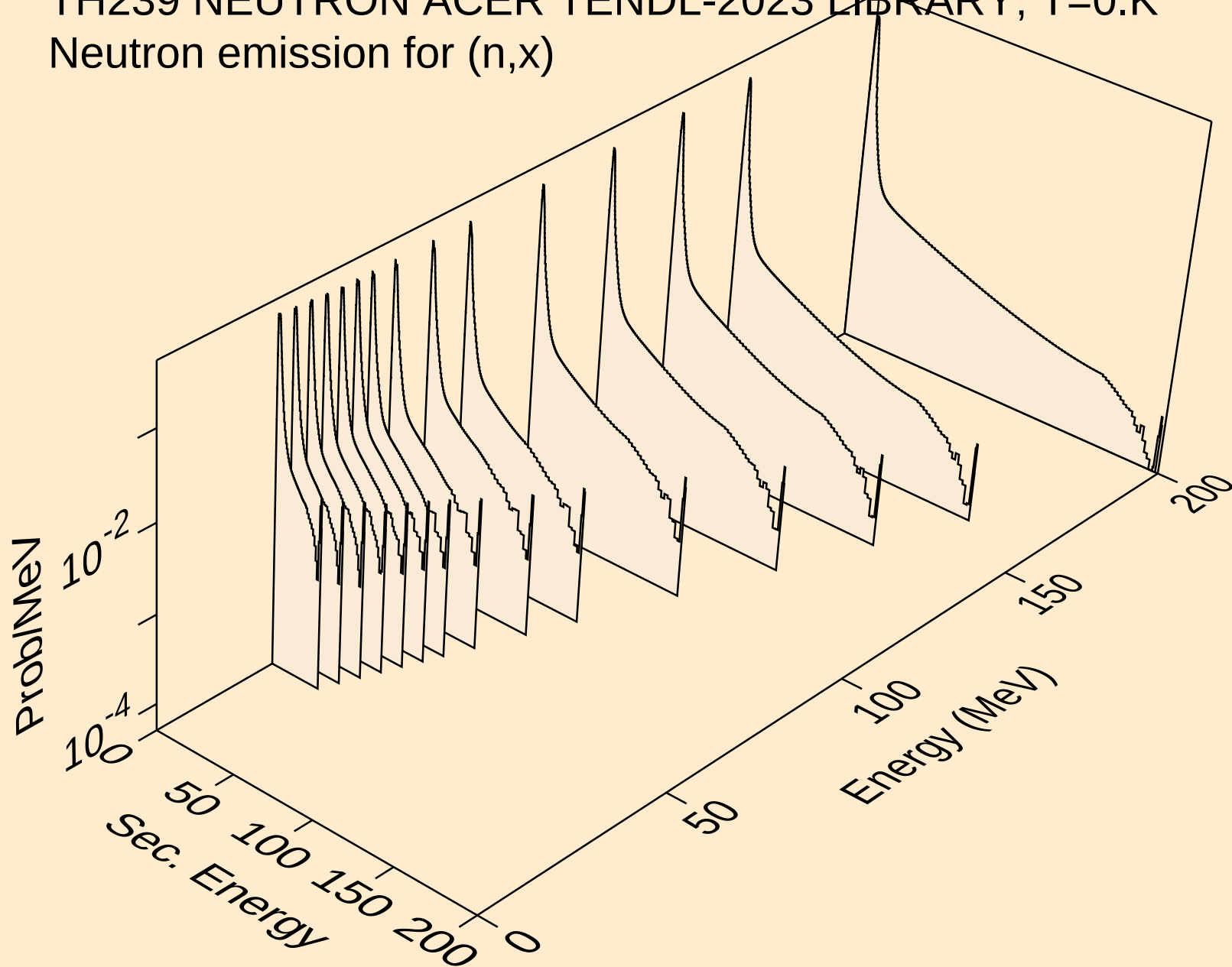


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

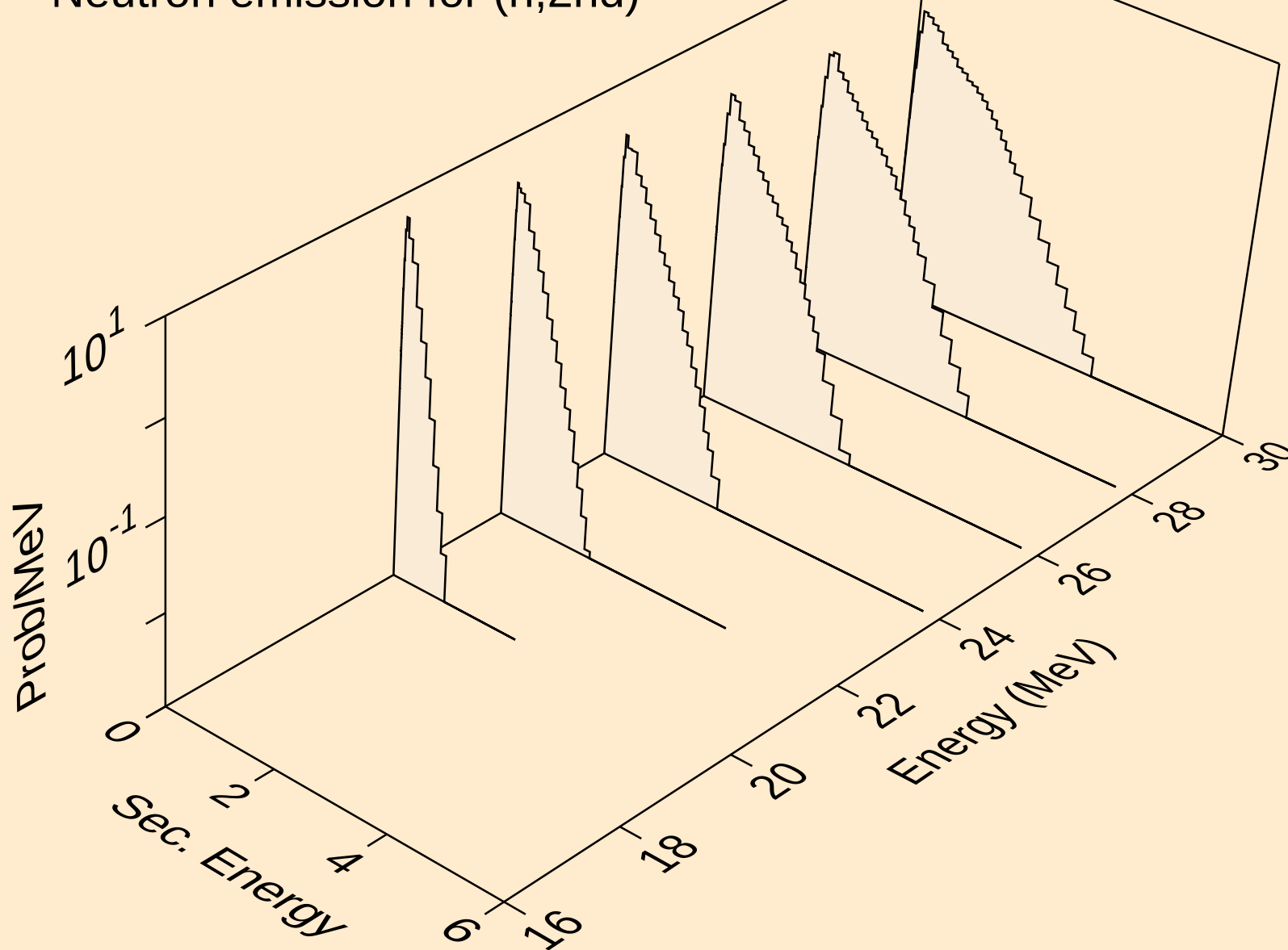
Total fission nubar



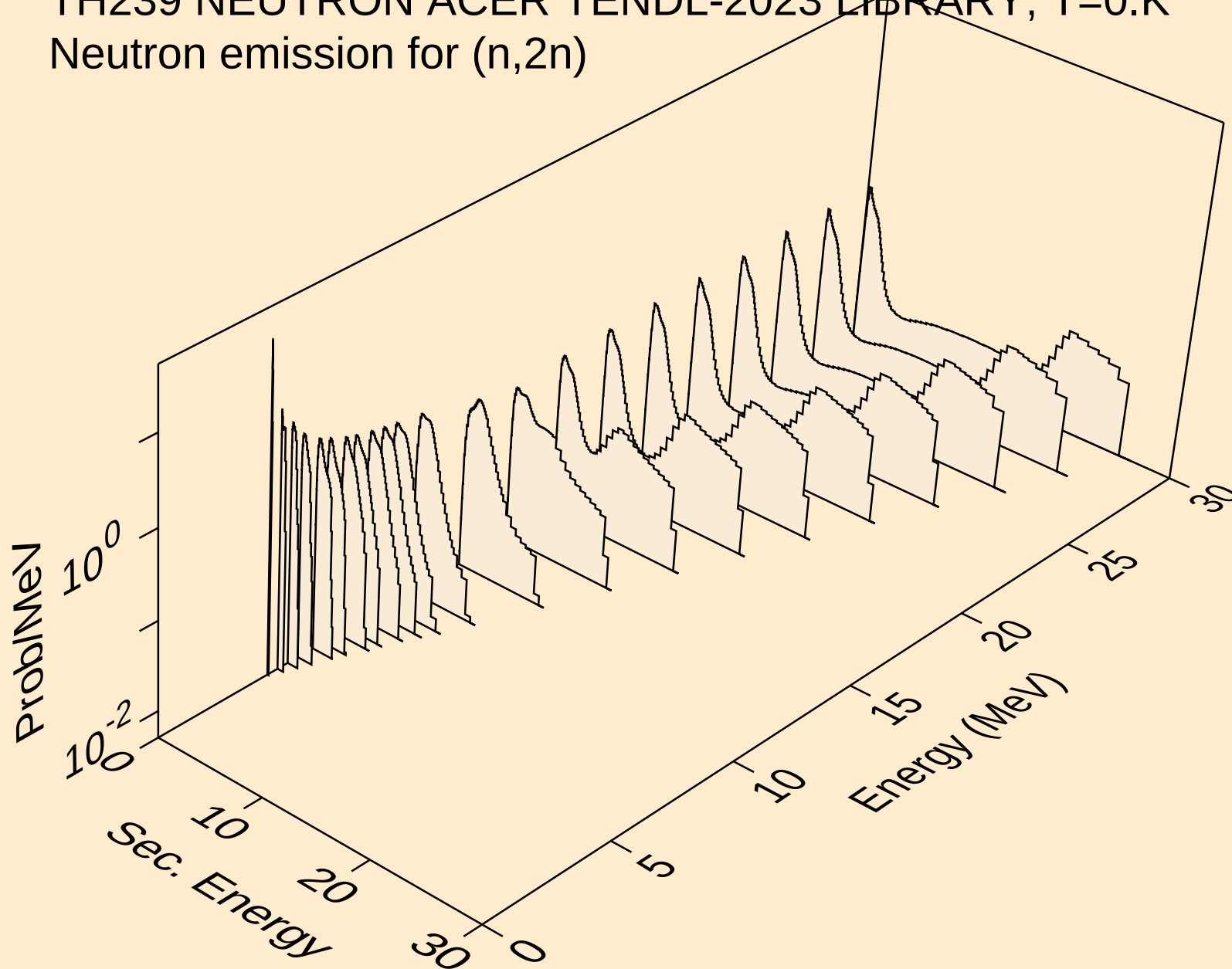
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



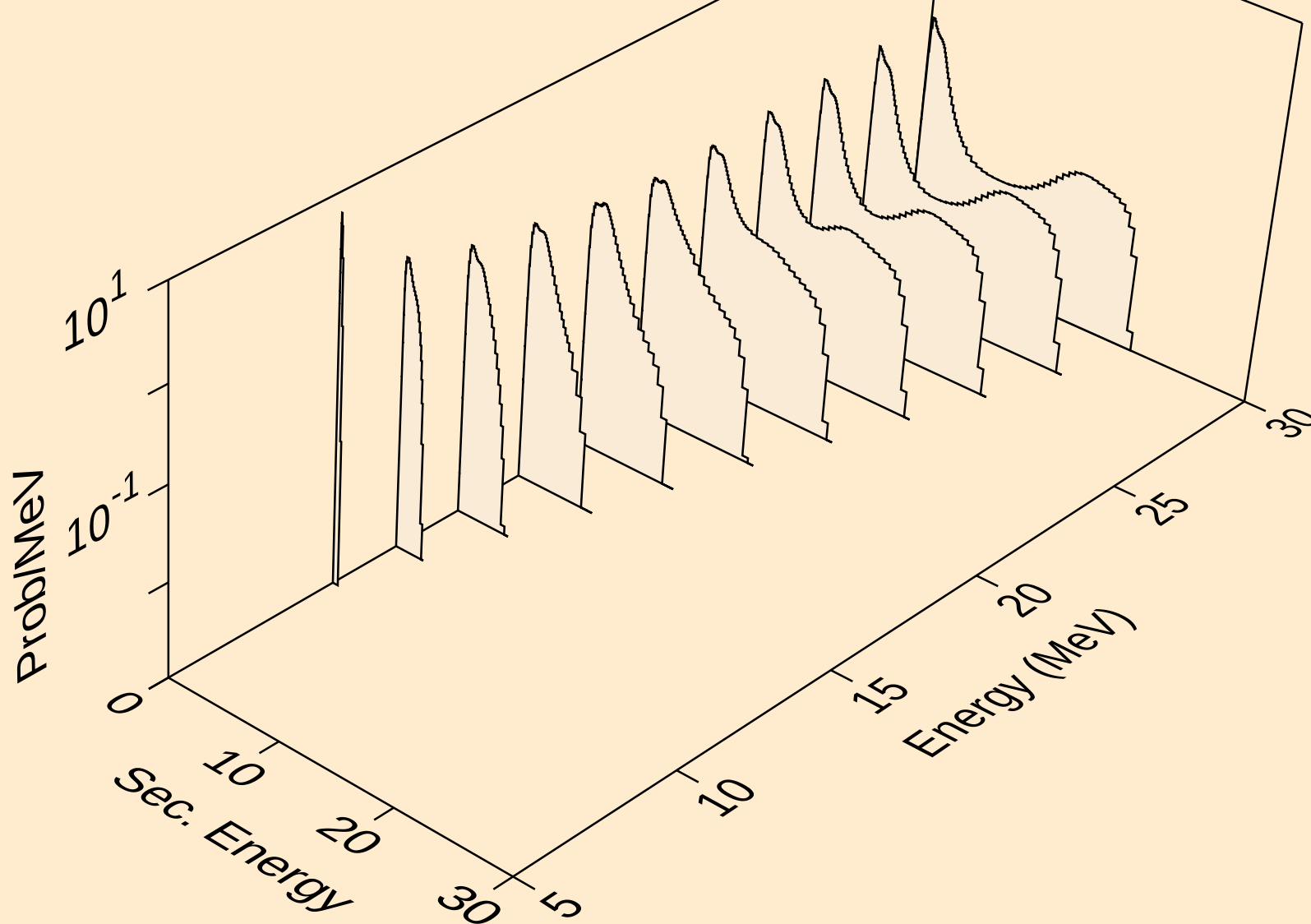
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



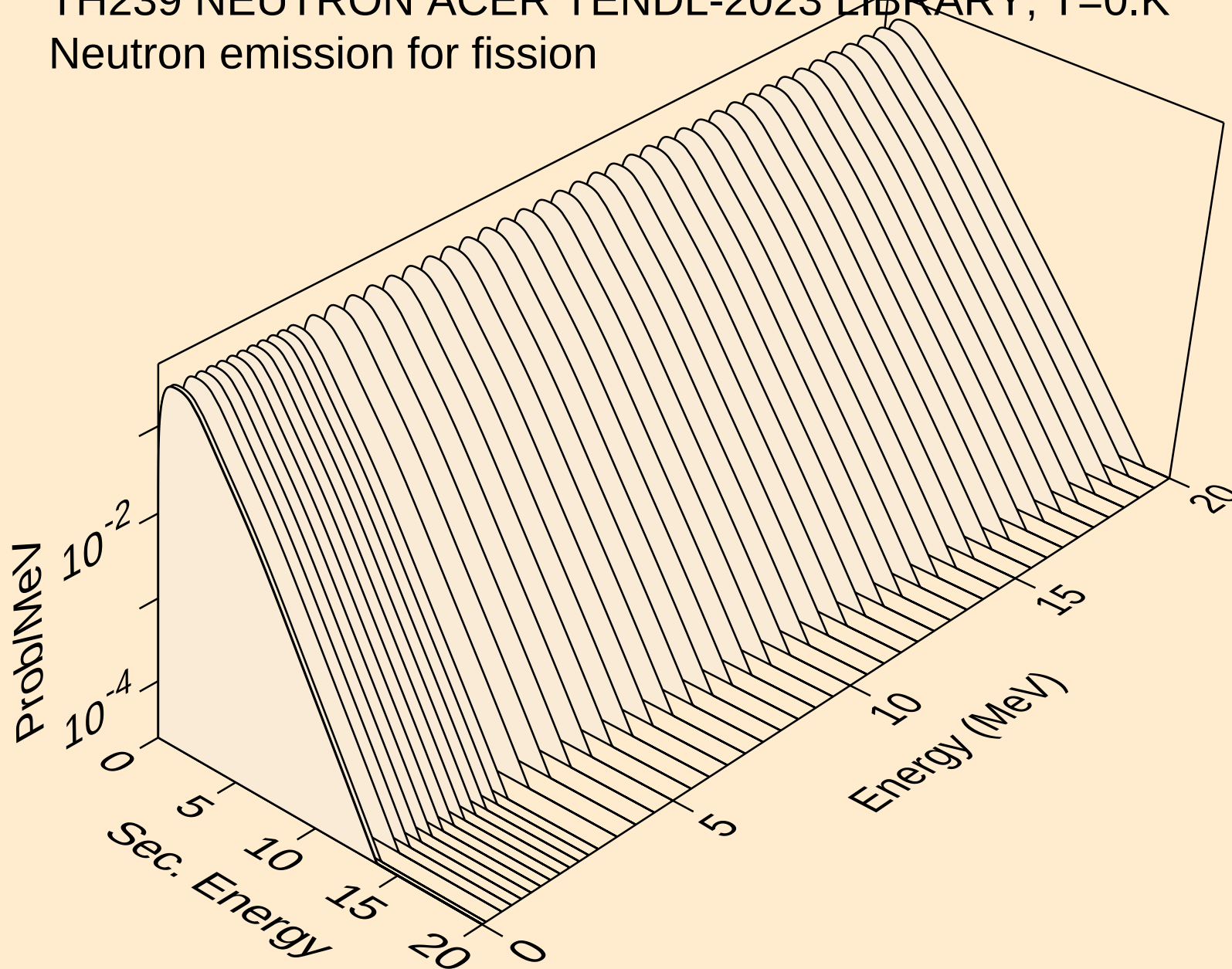
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)

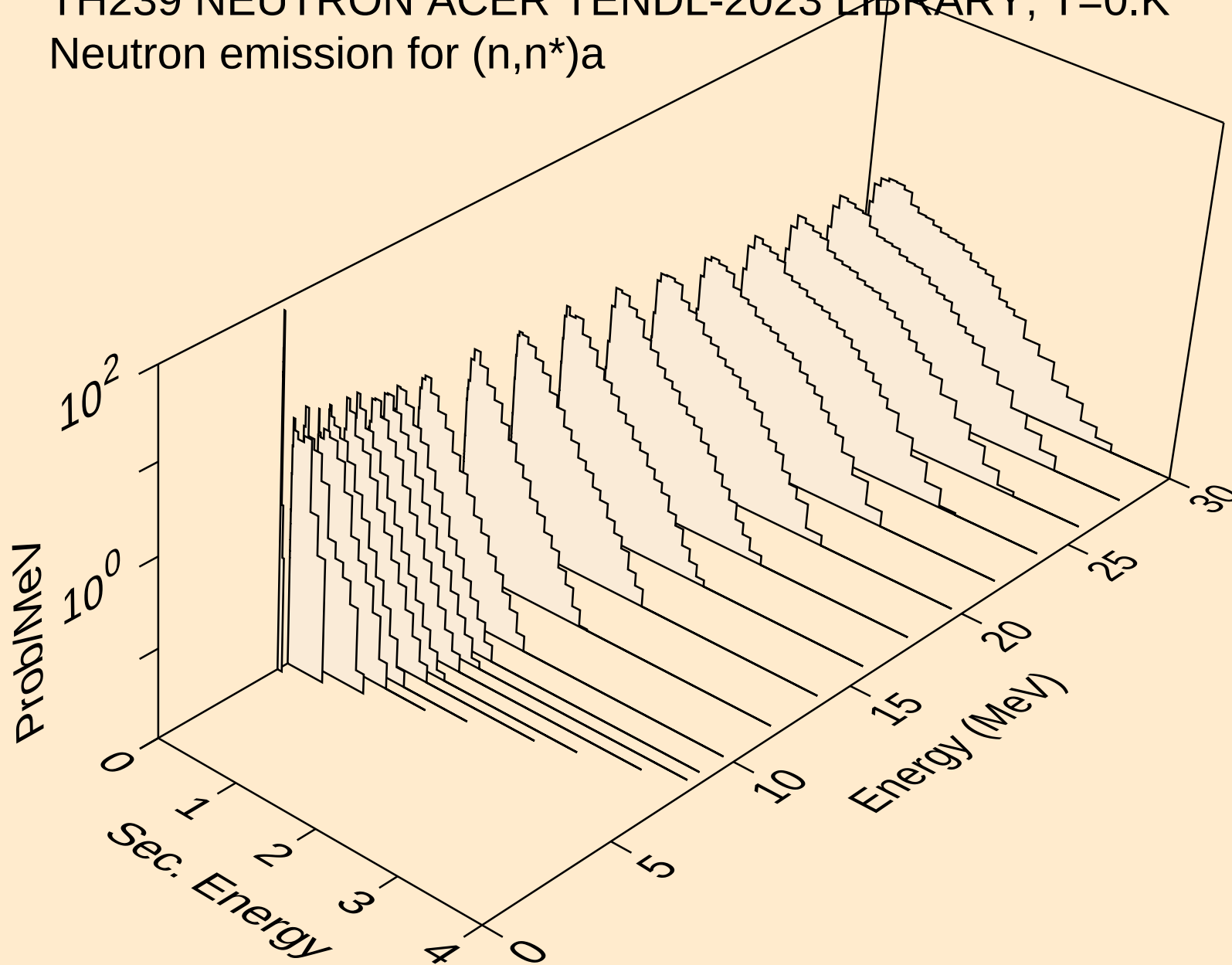


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission

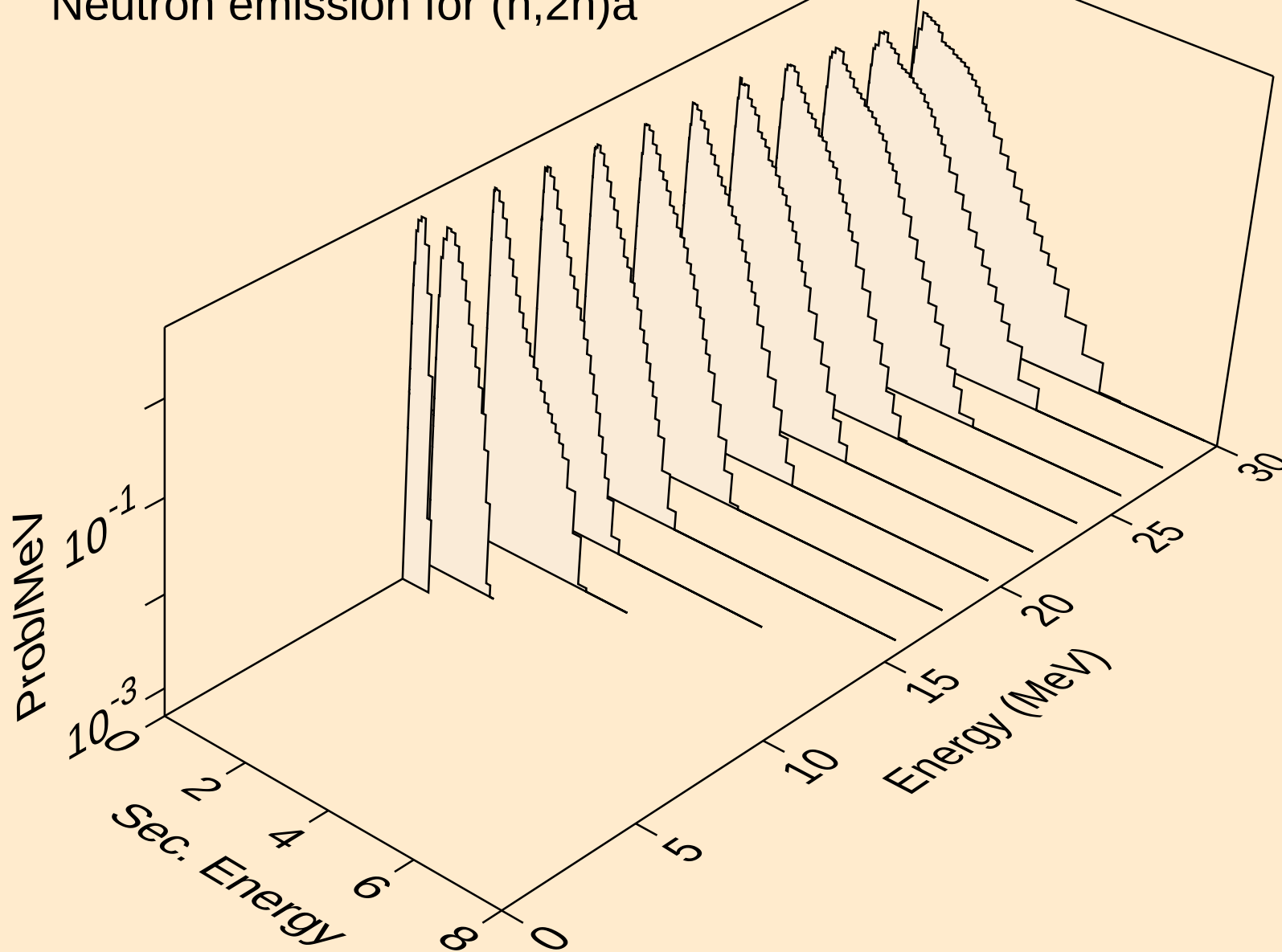


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

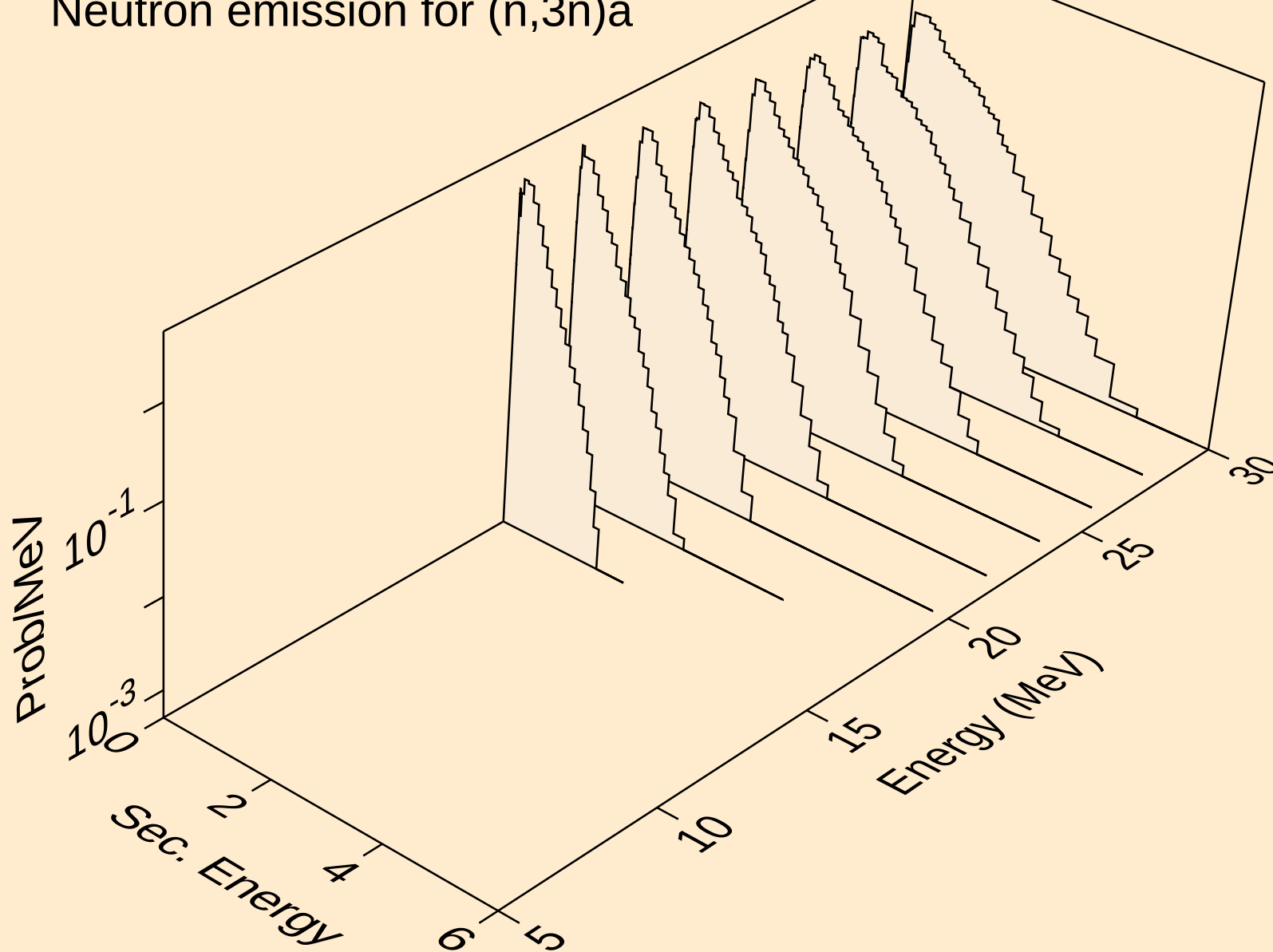
Neutron emission for (n,n*)a



TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a

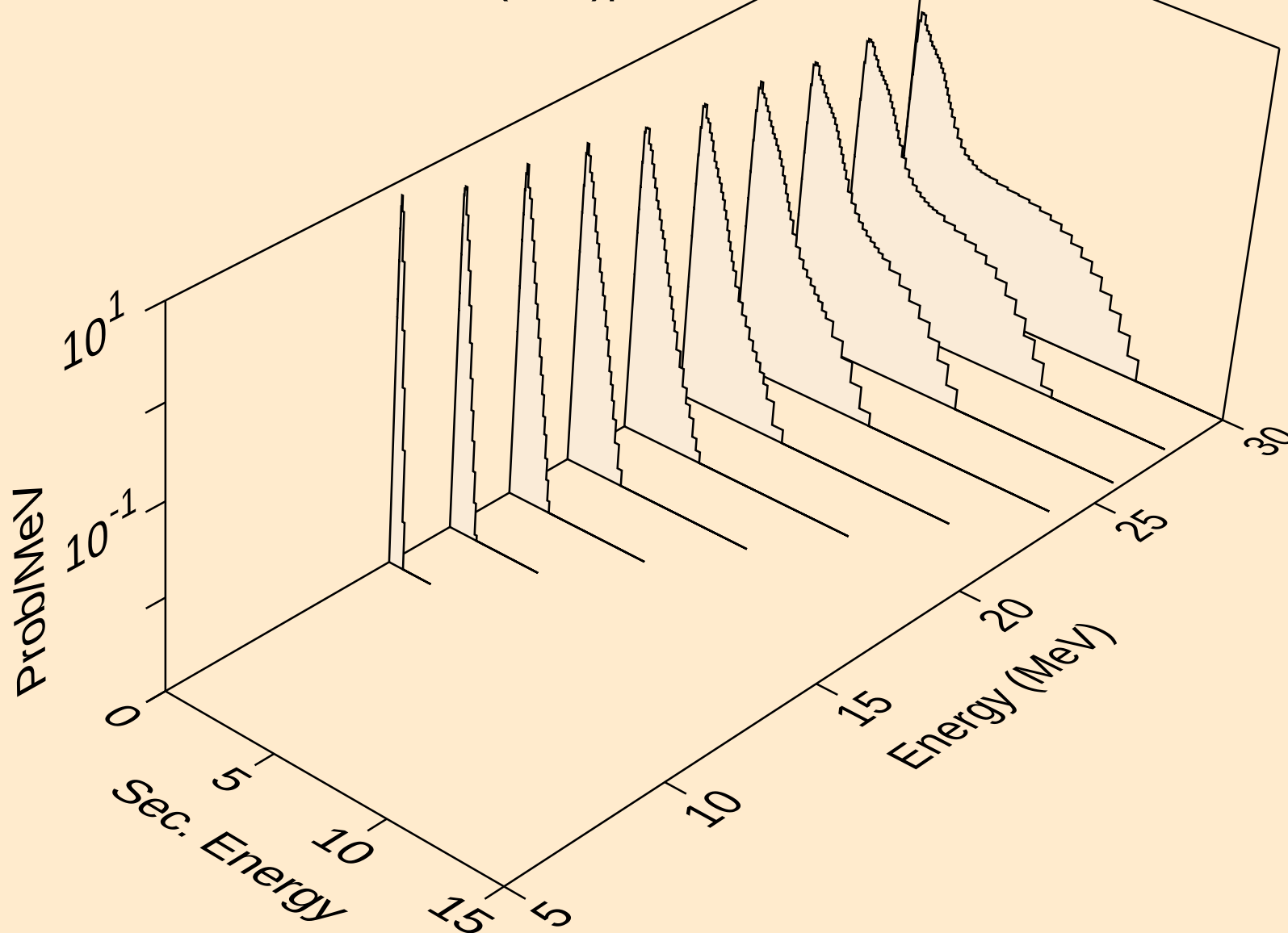


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



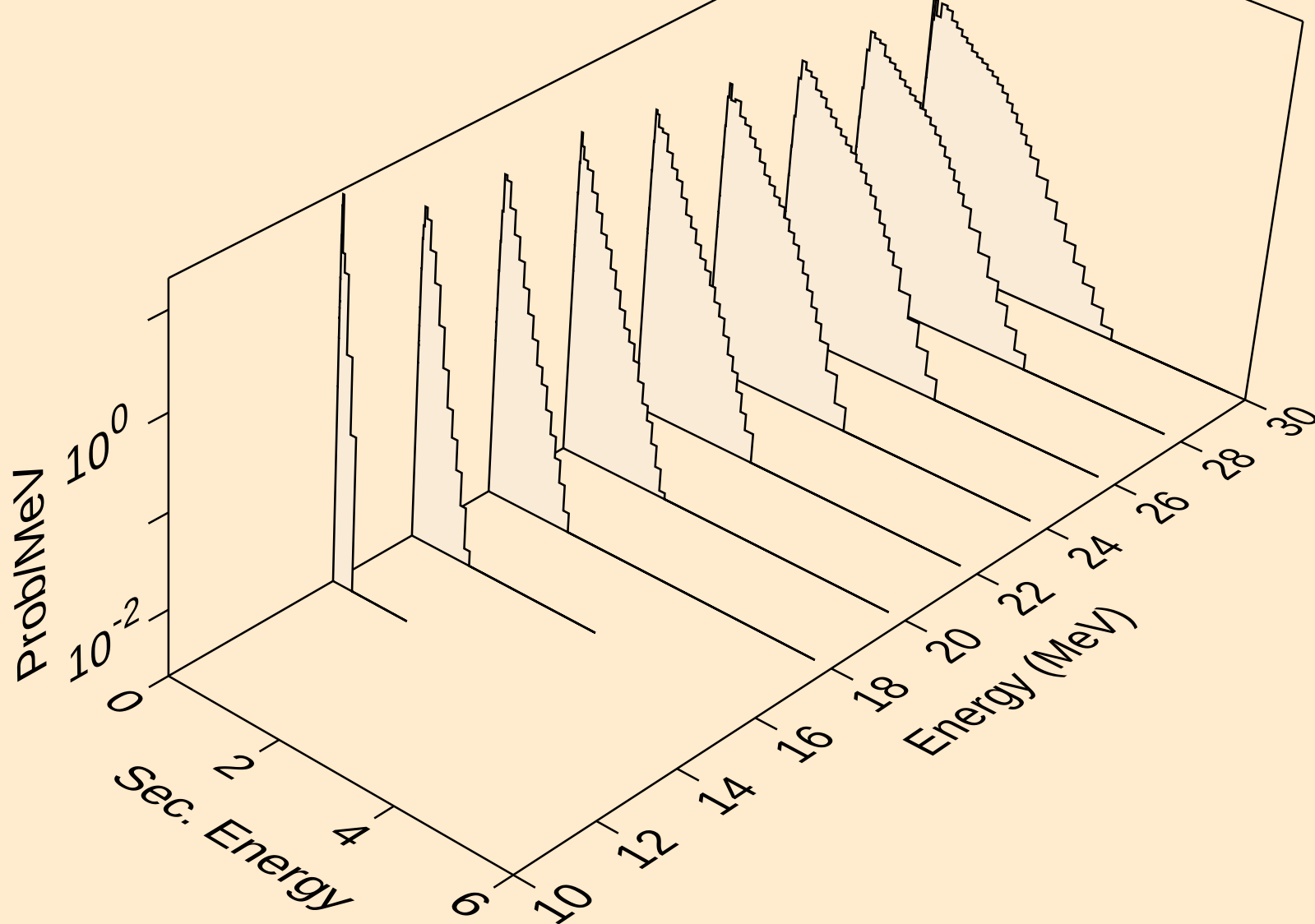
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)p



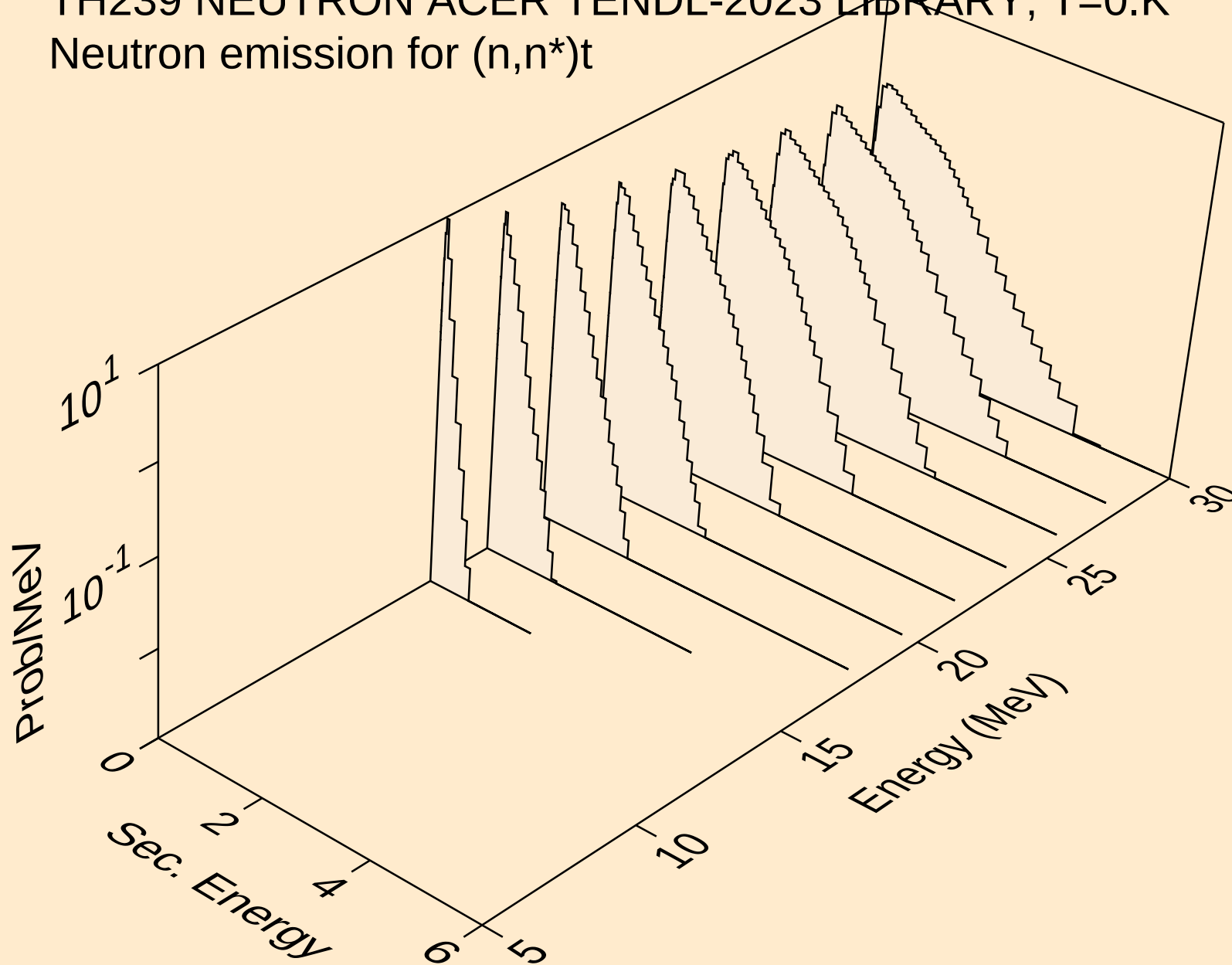
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)d

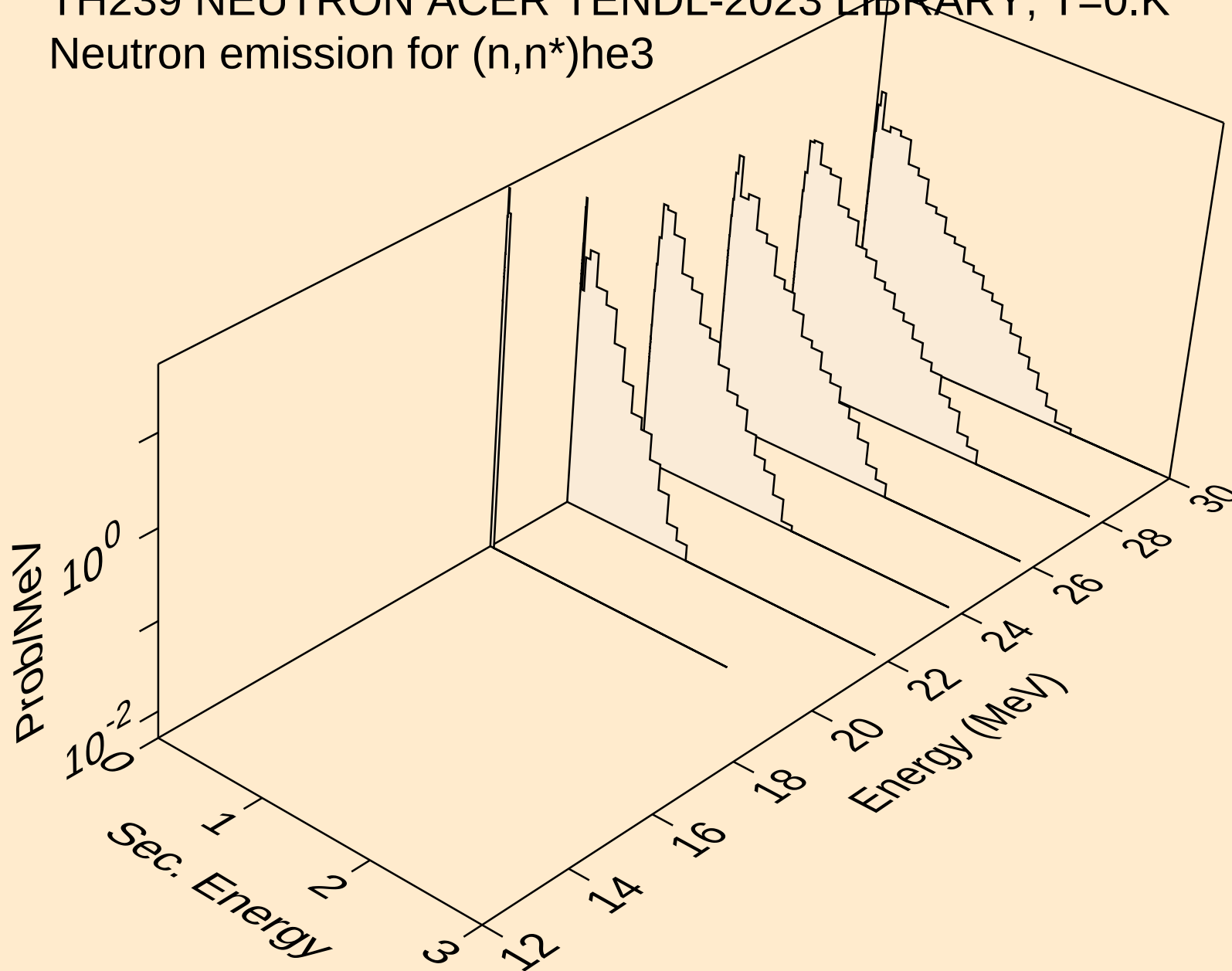


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

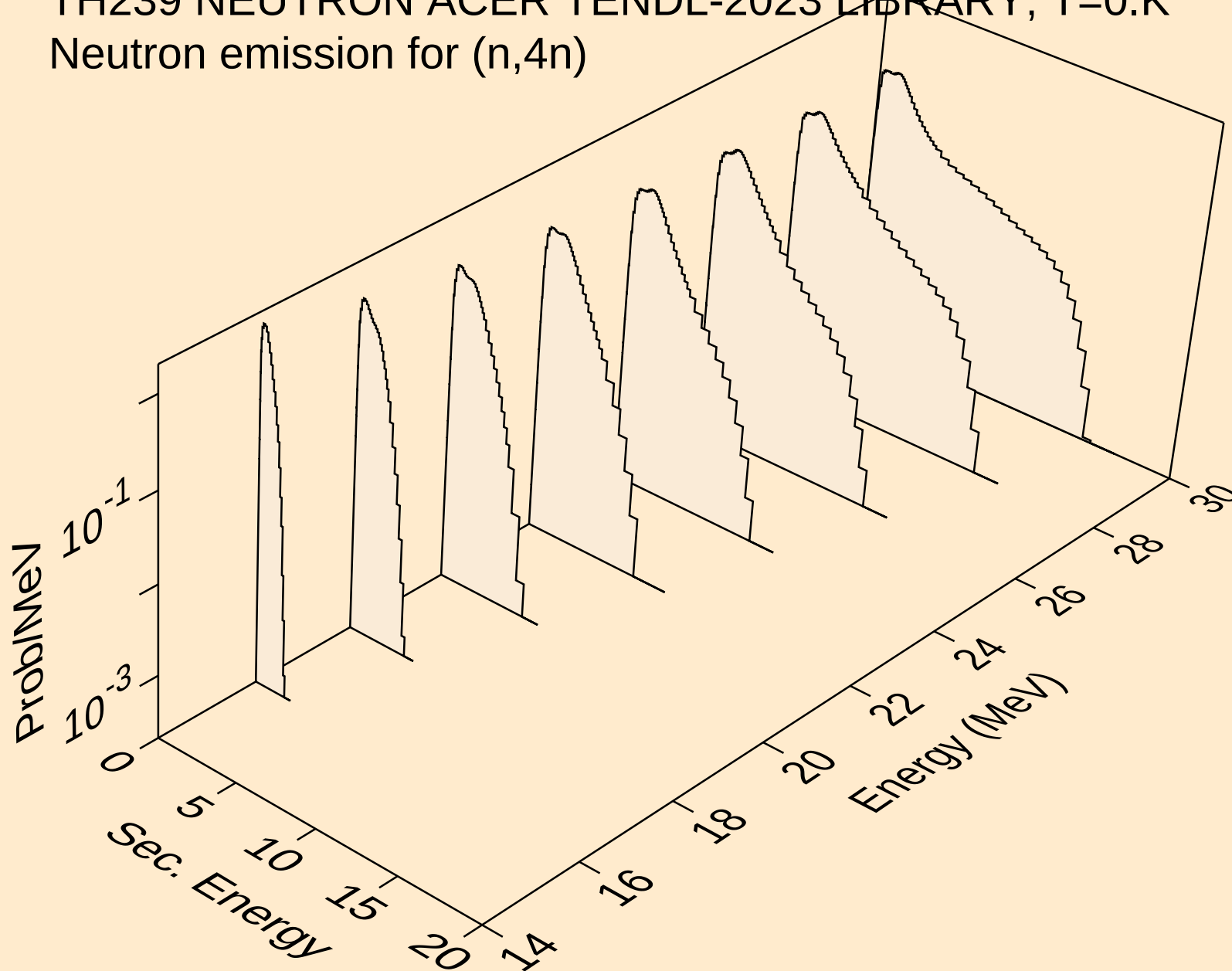
Neutron emission for (n,n*)t



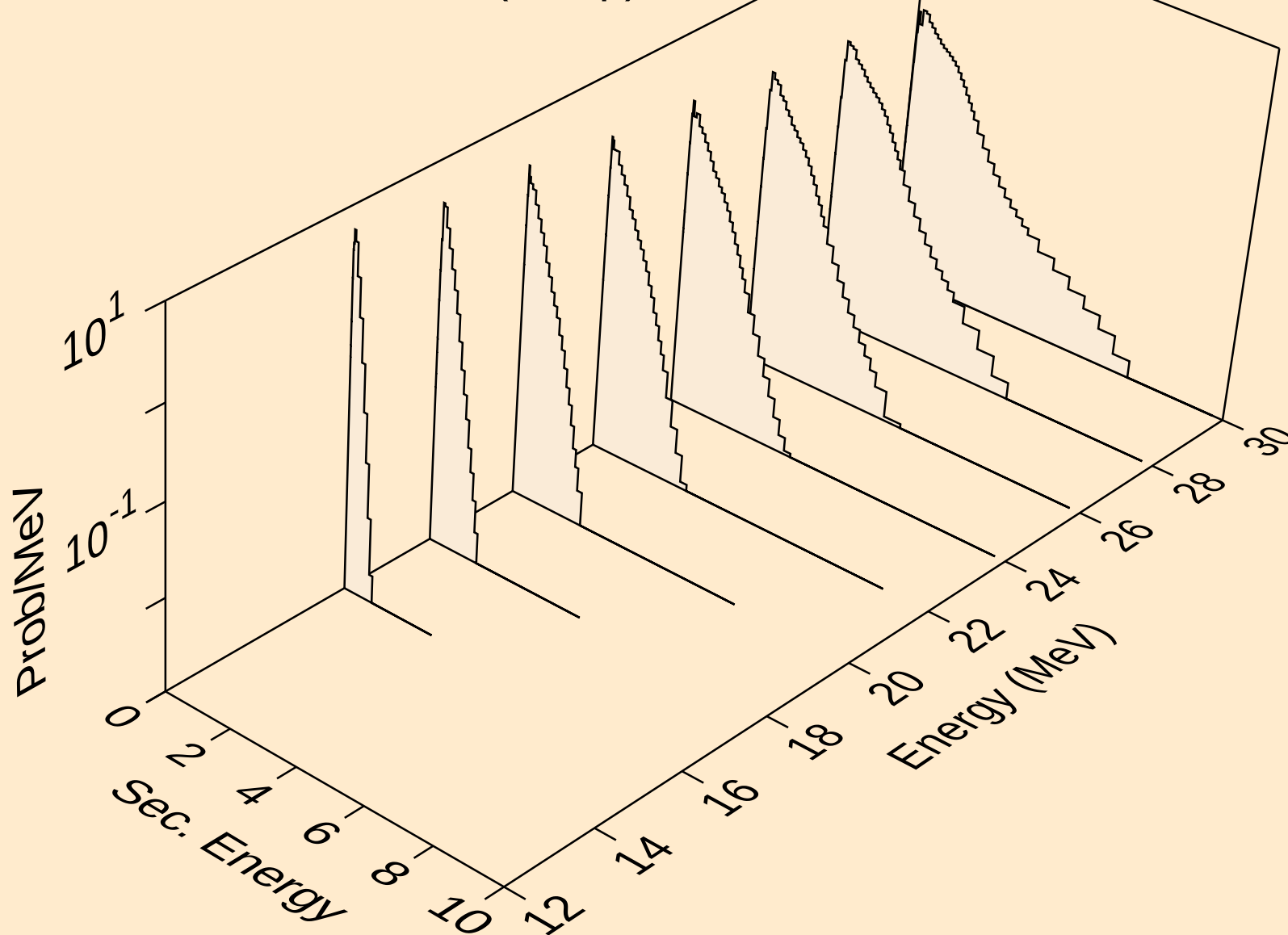
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



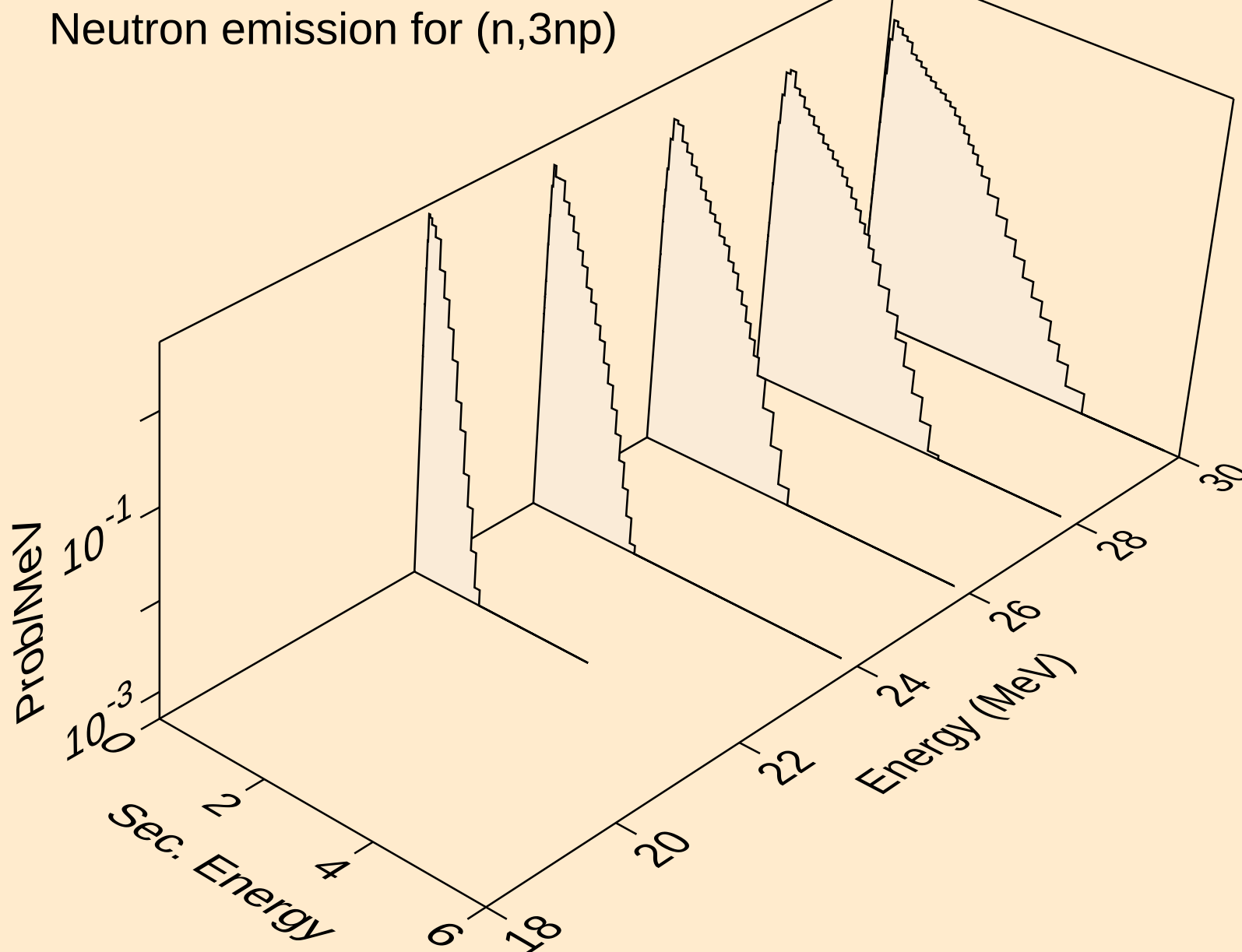
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



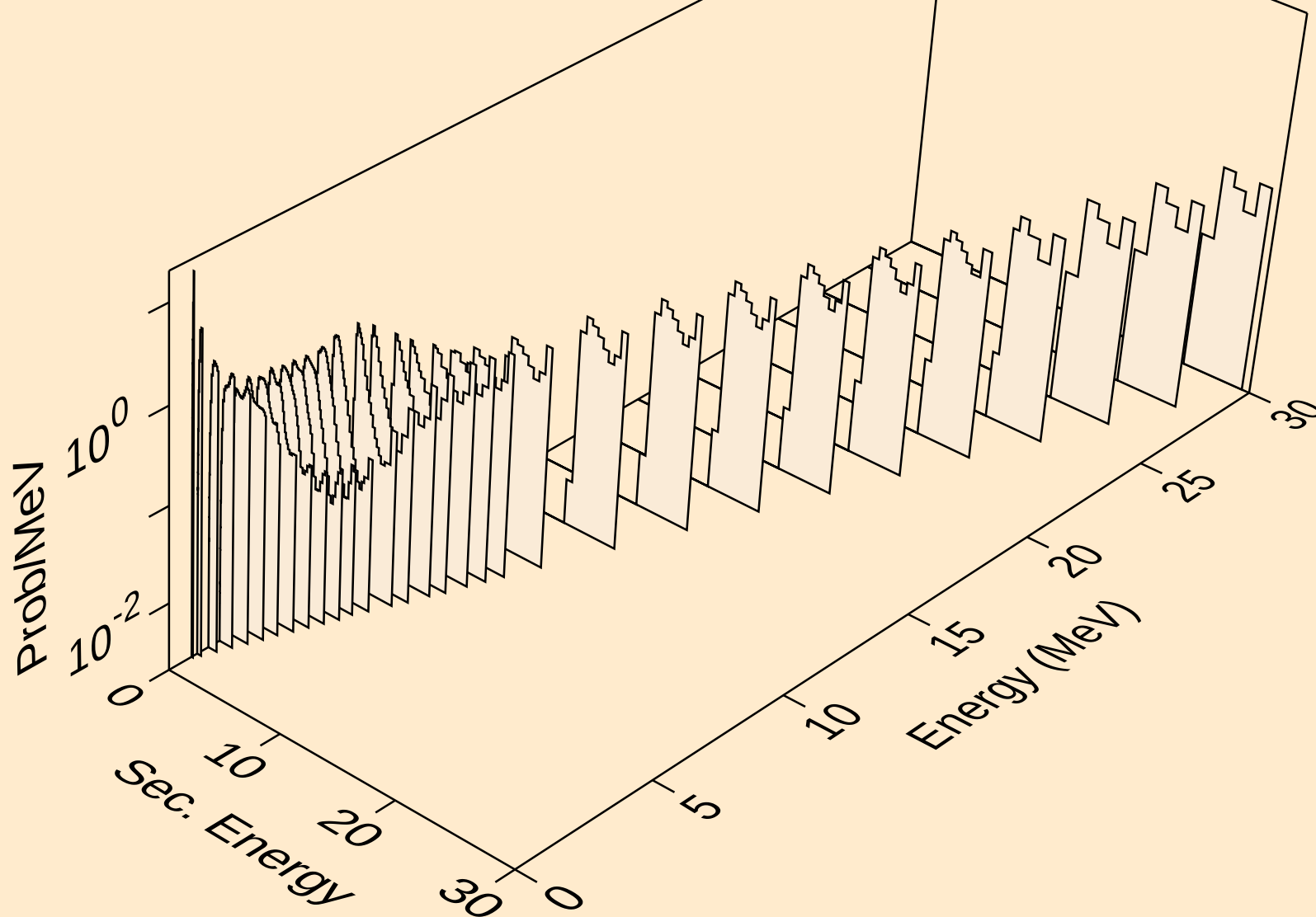
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)

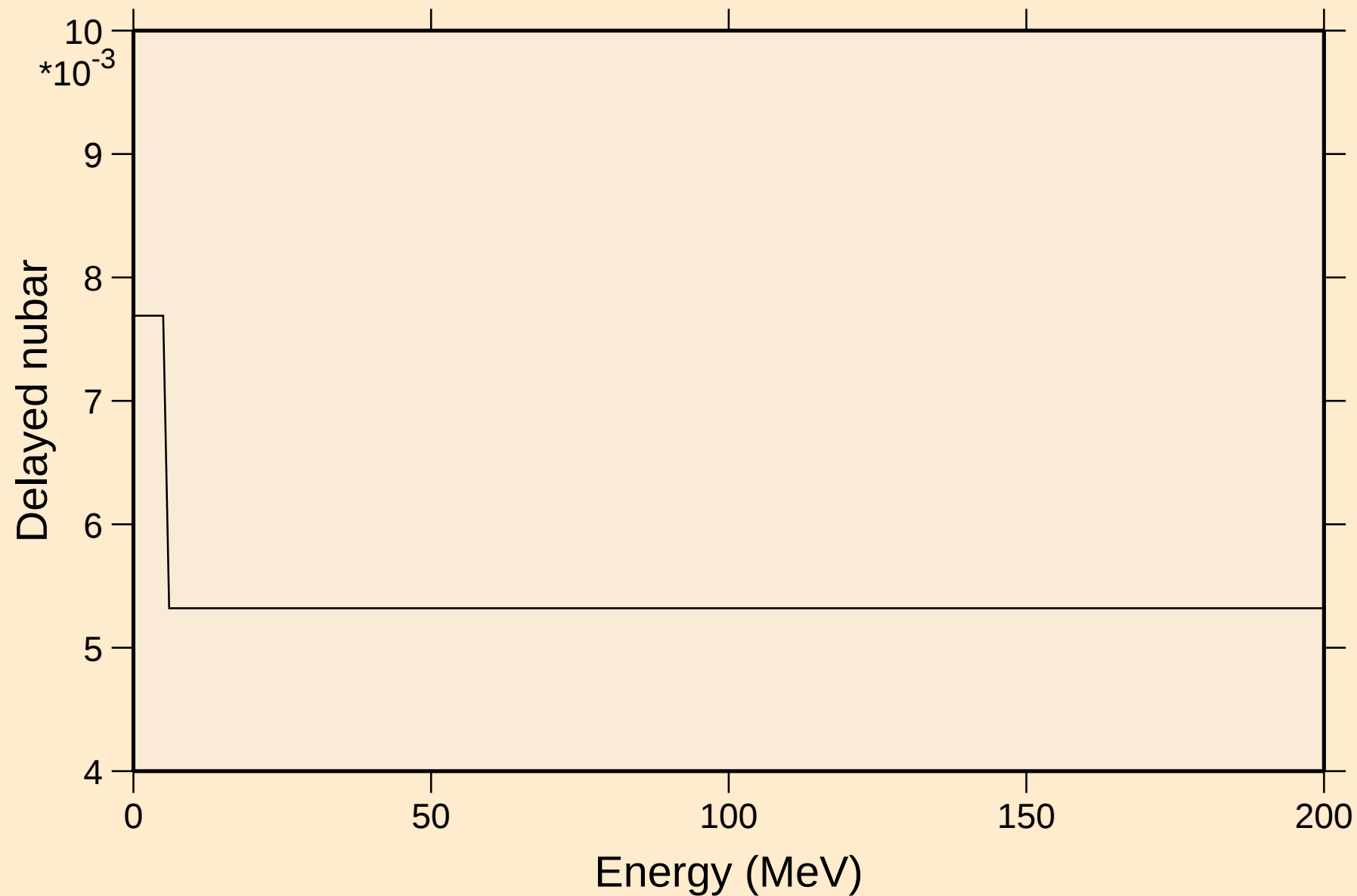


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



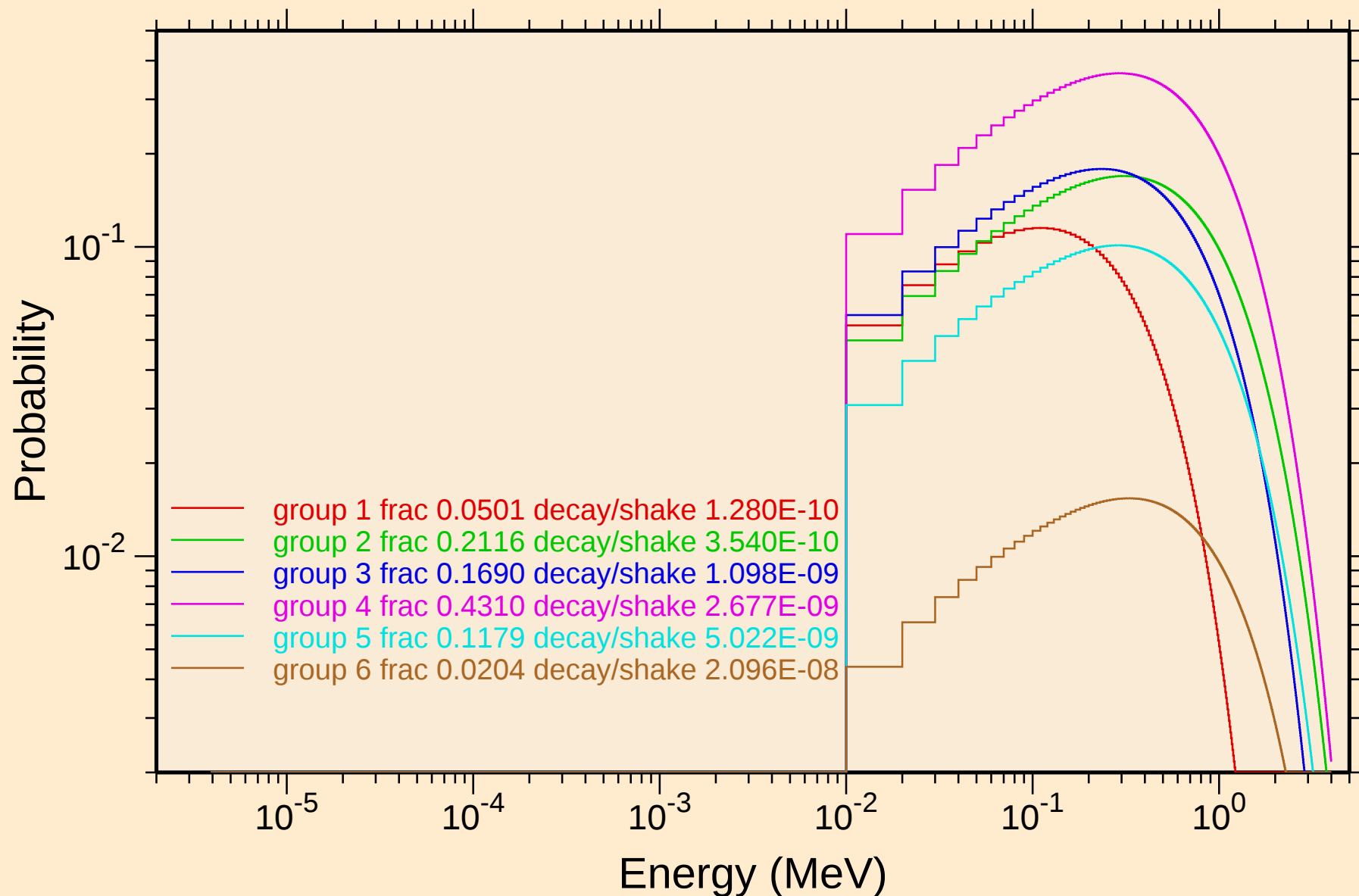
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

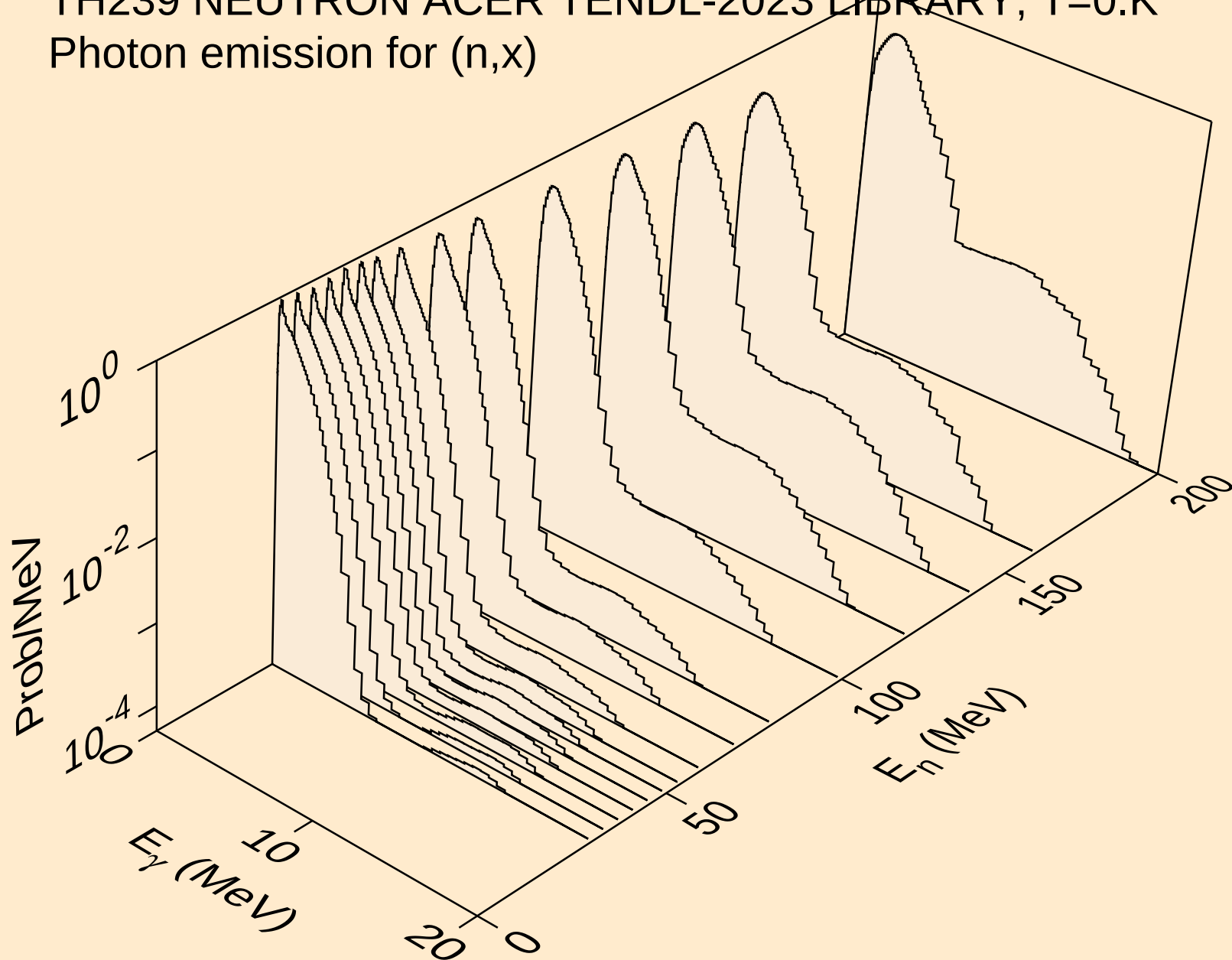


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

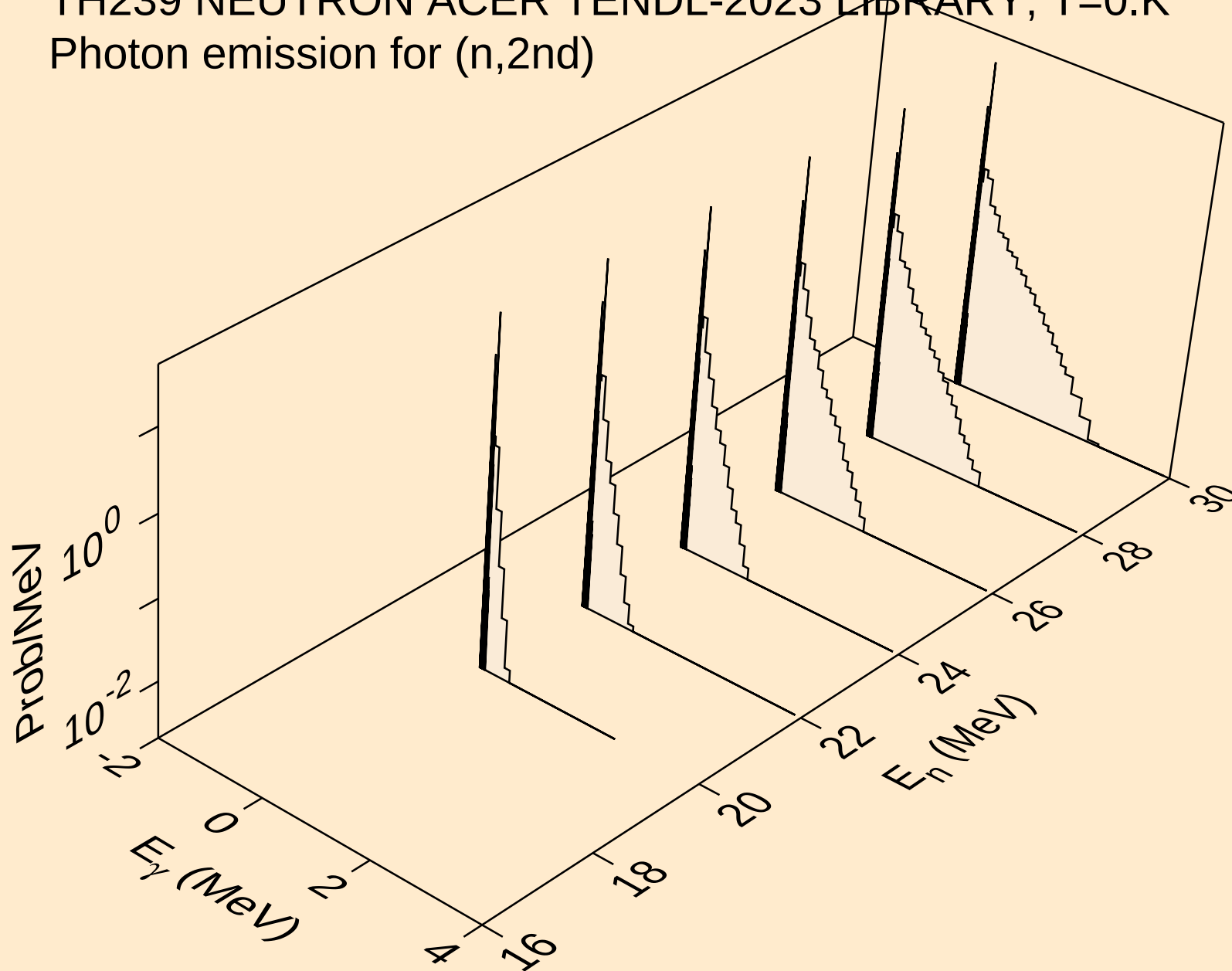
Delayed neutron spectra



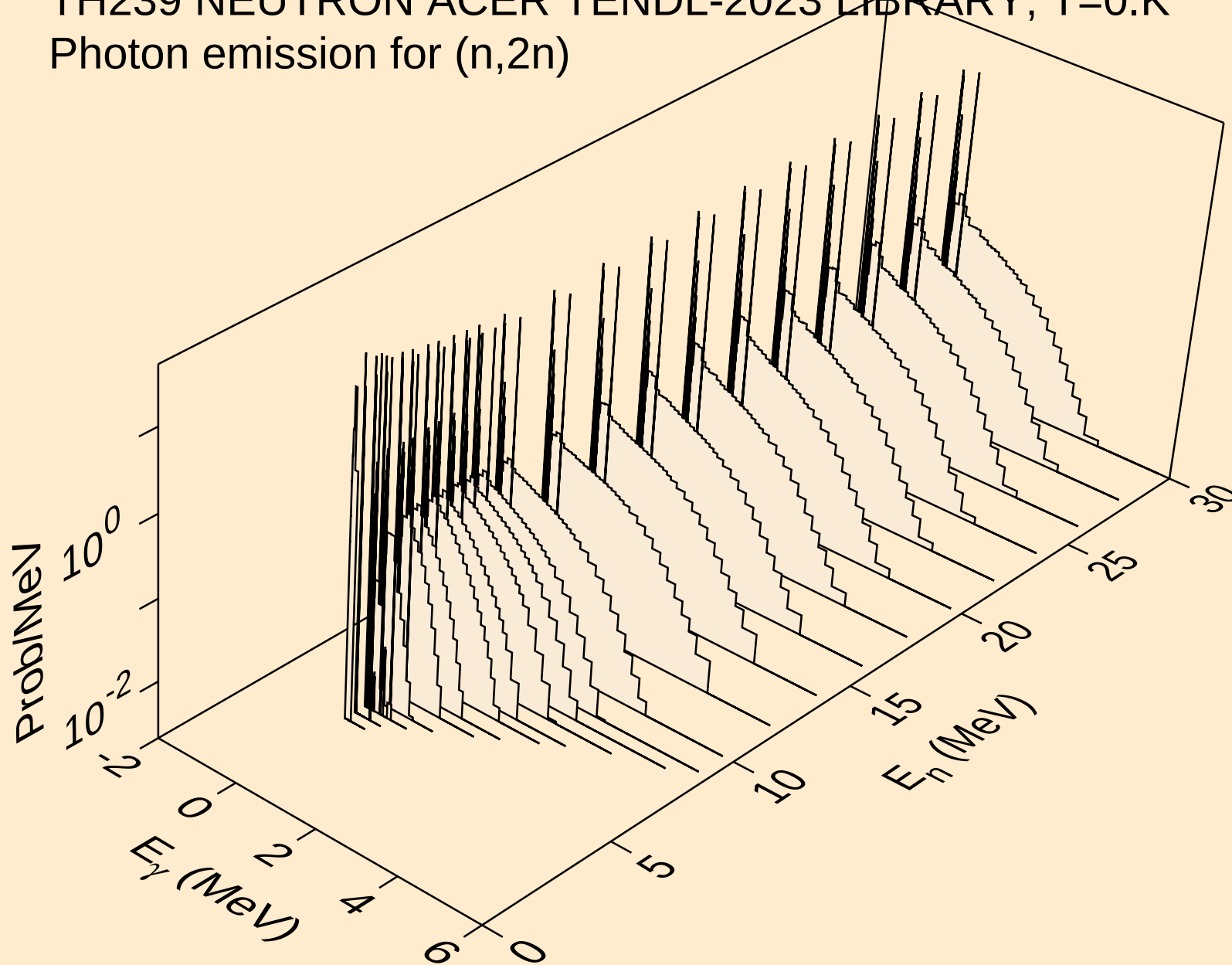
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



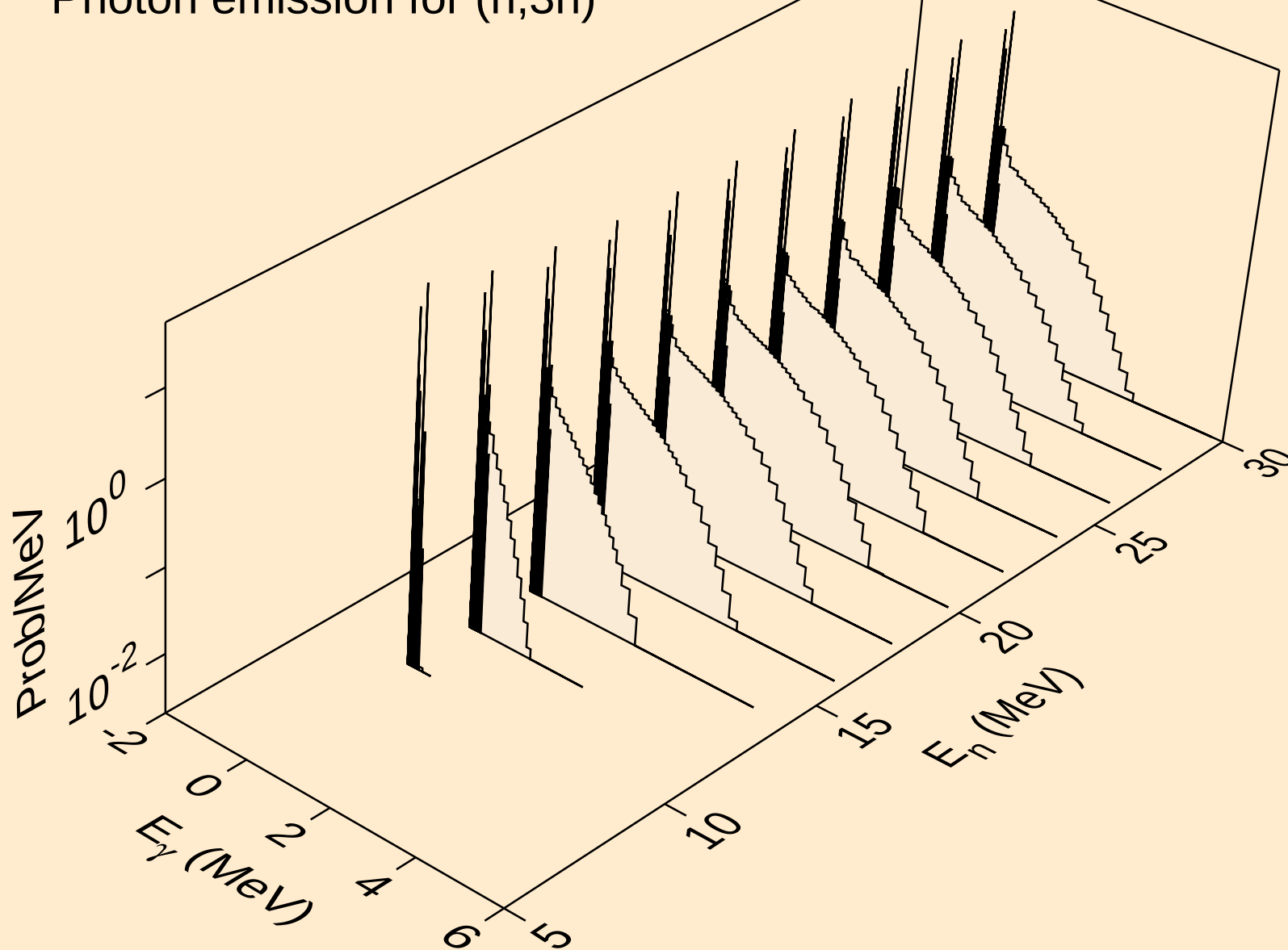
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

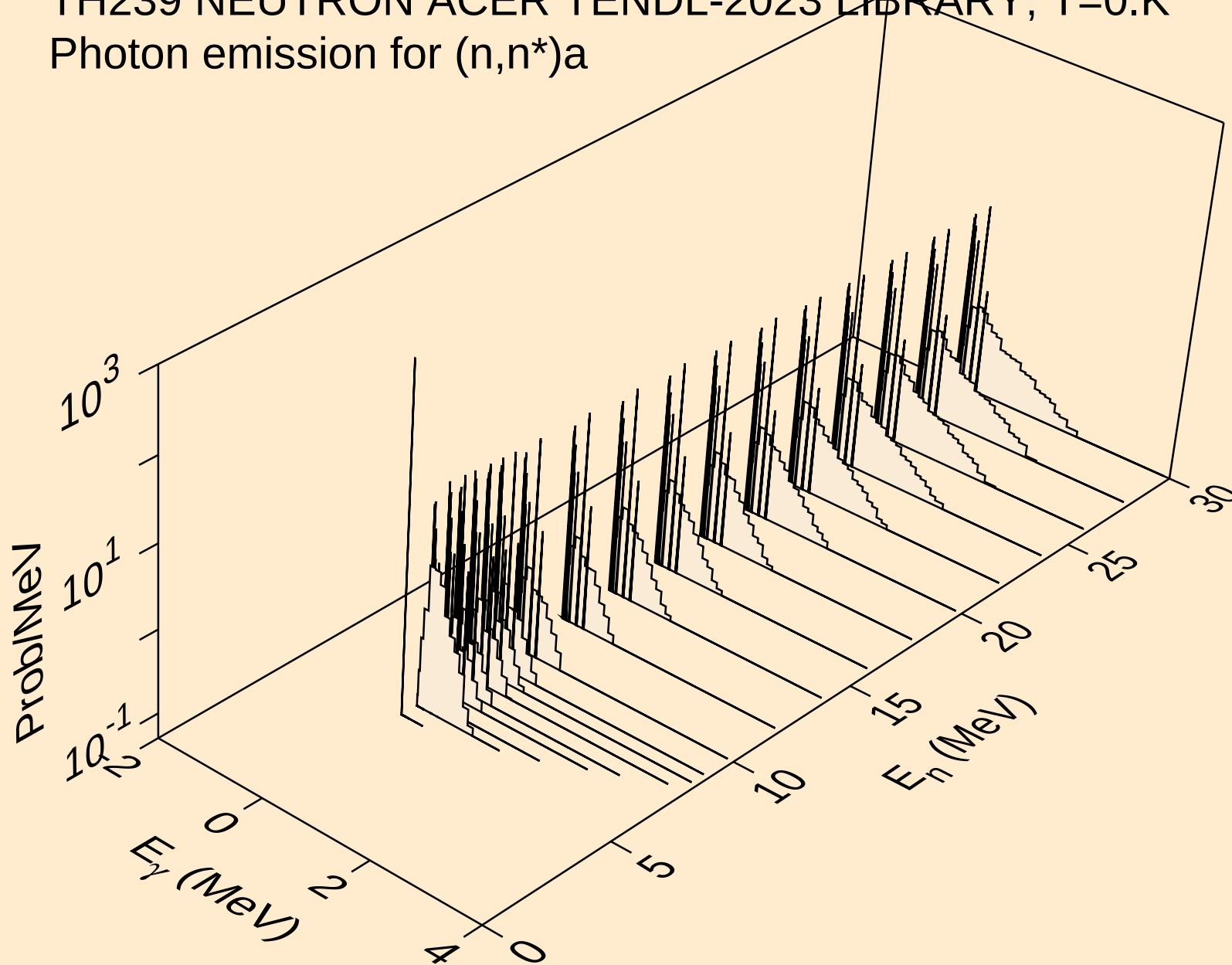


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)

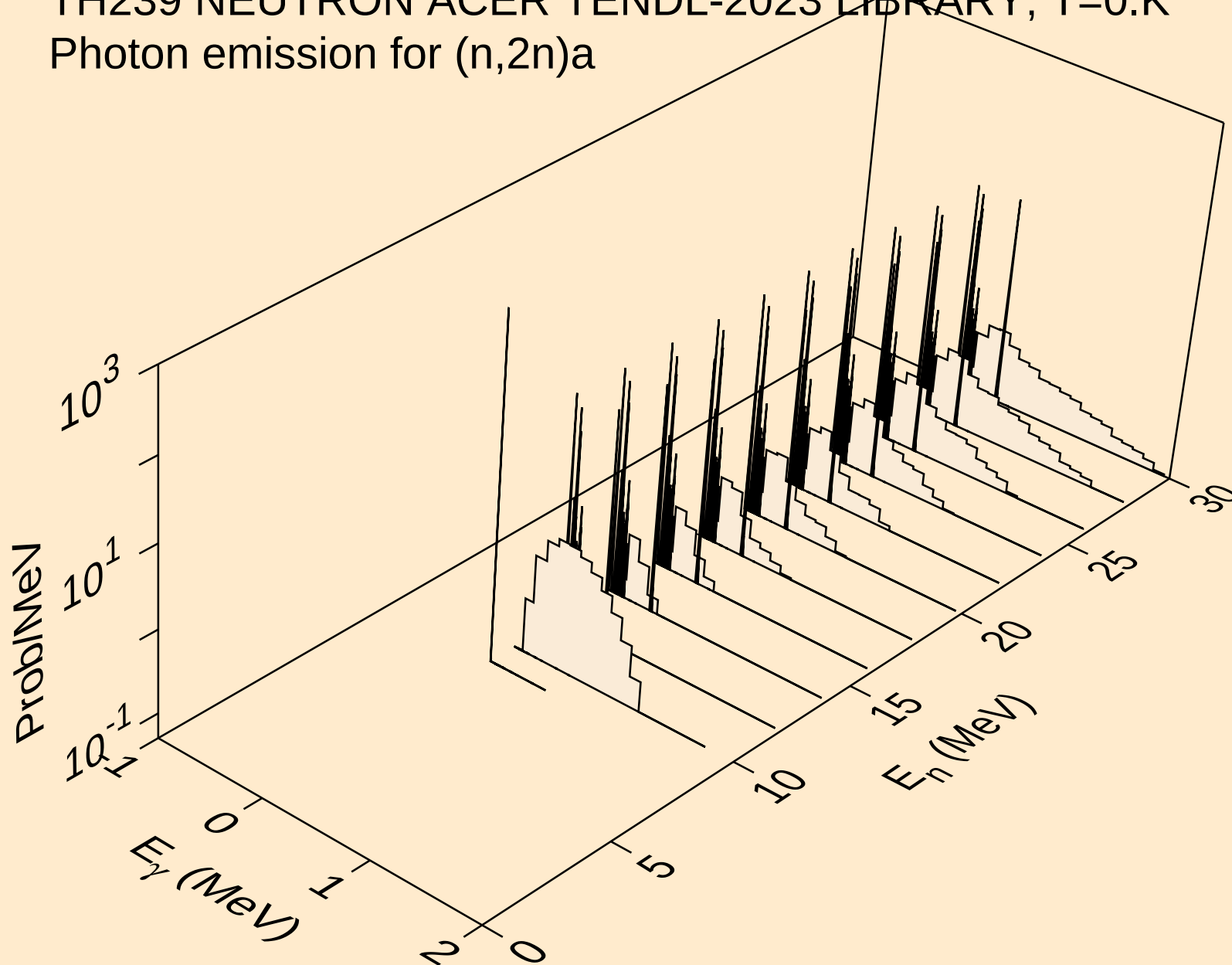


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a

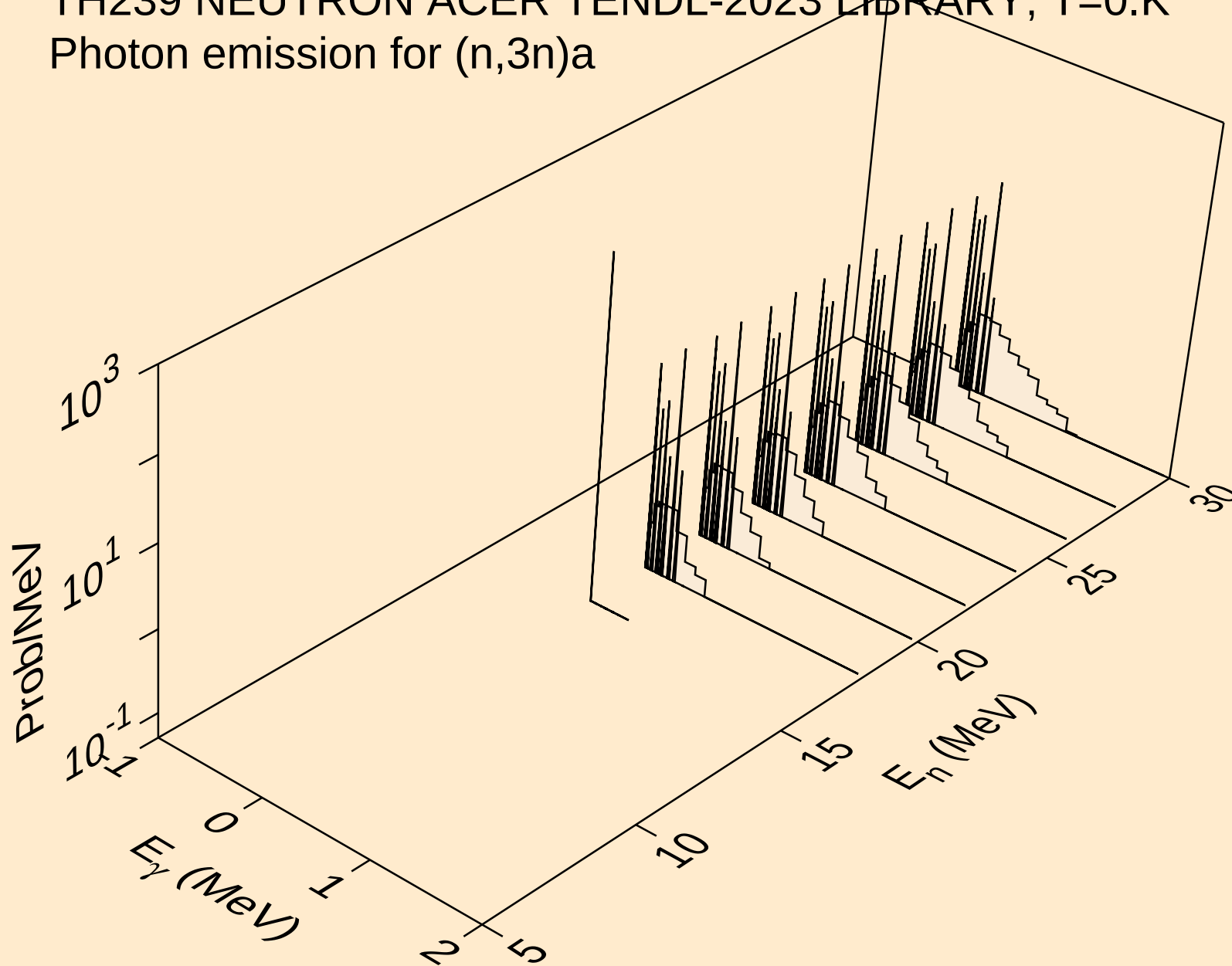


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α



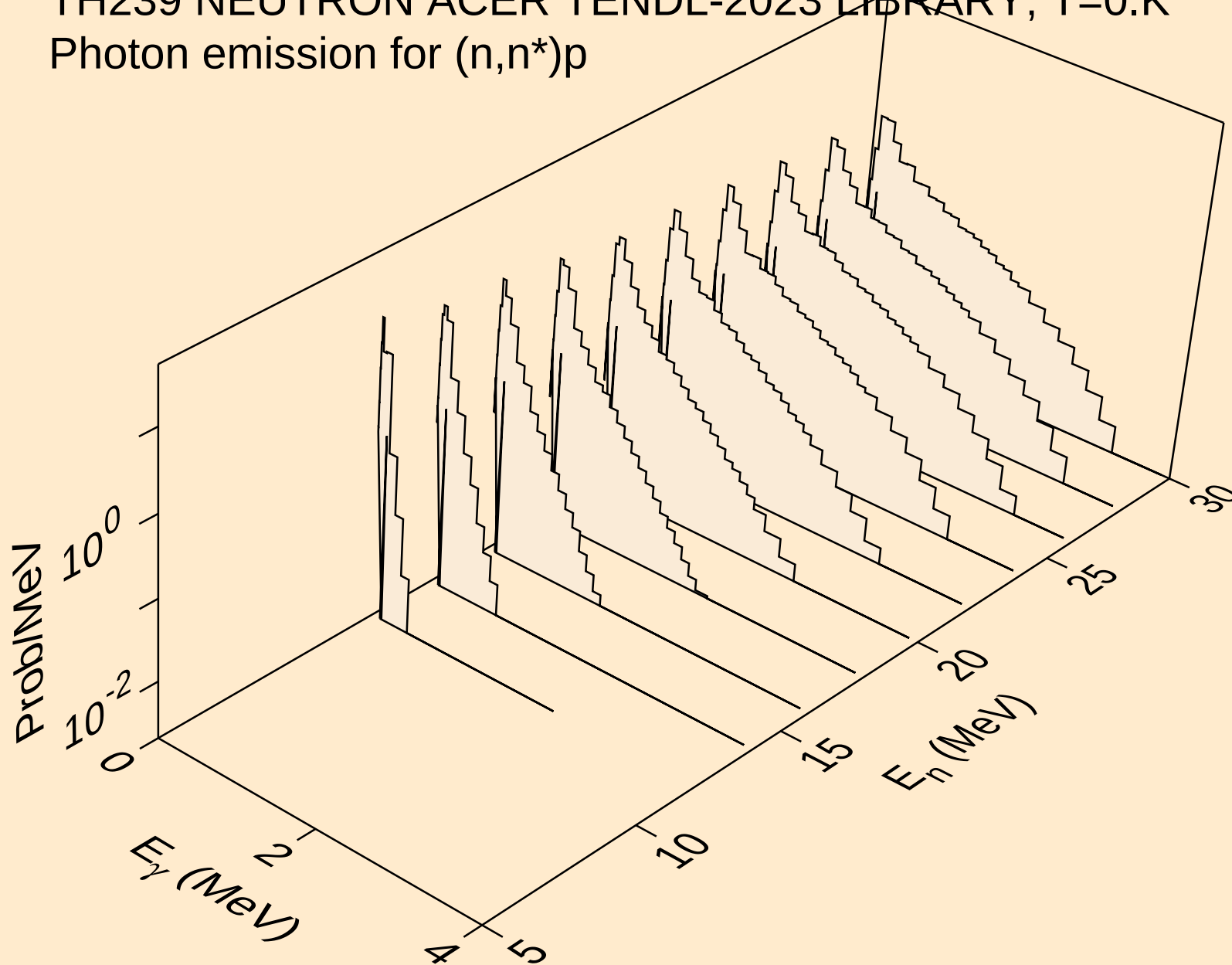
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n) α



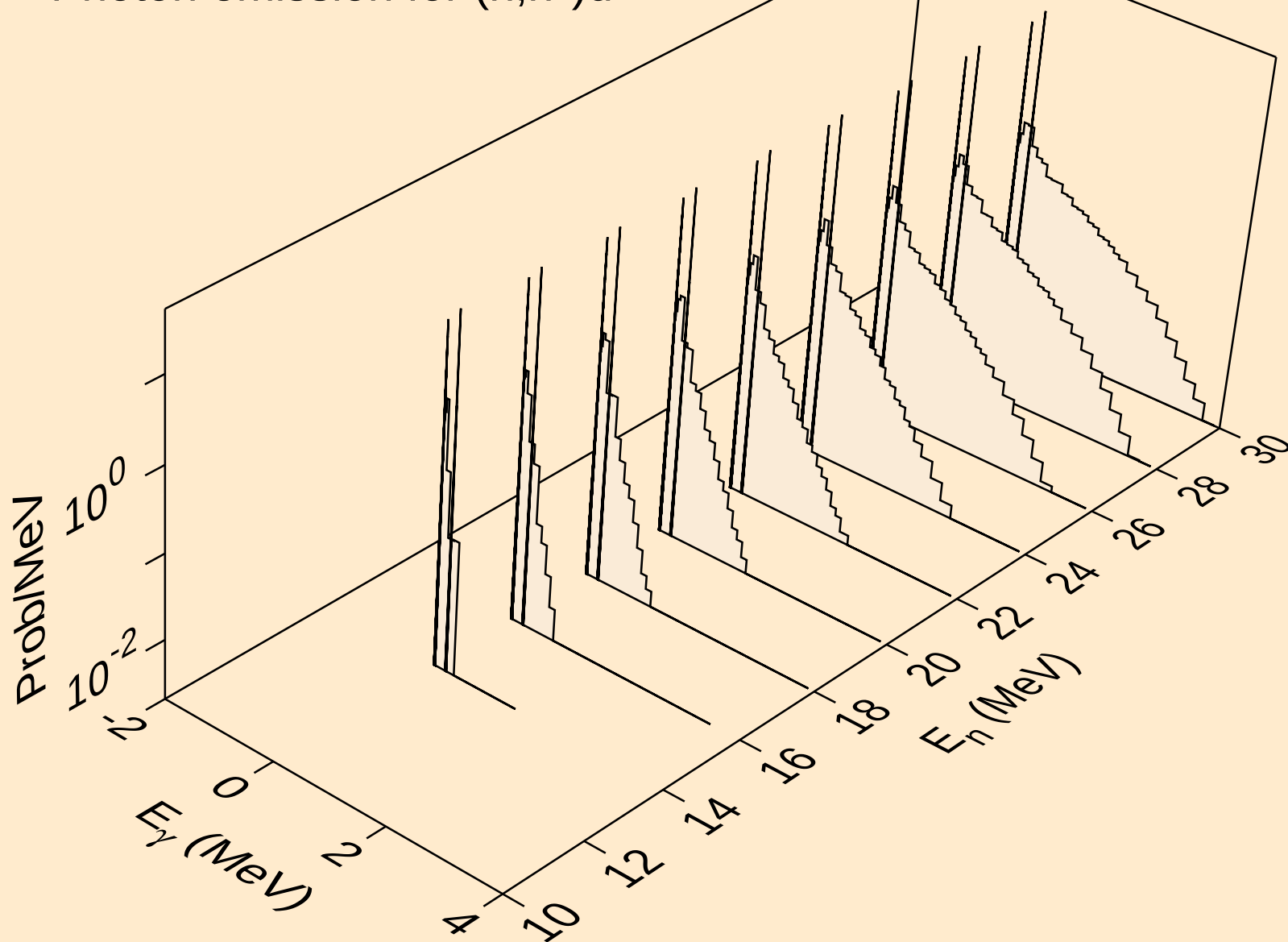
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



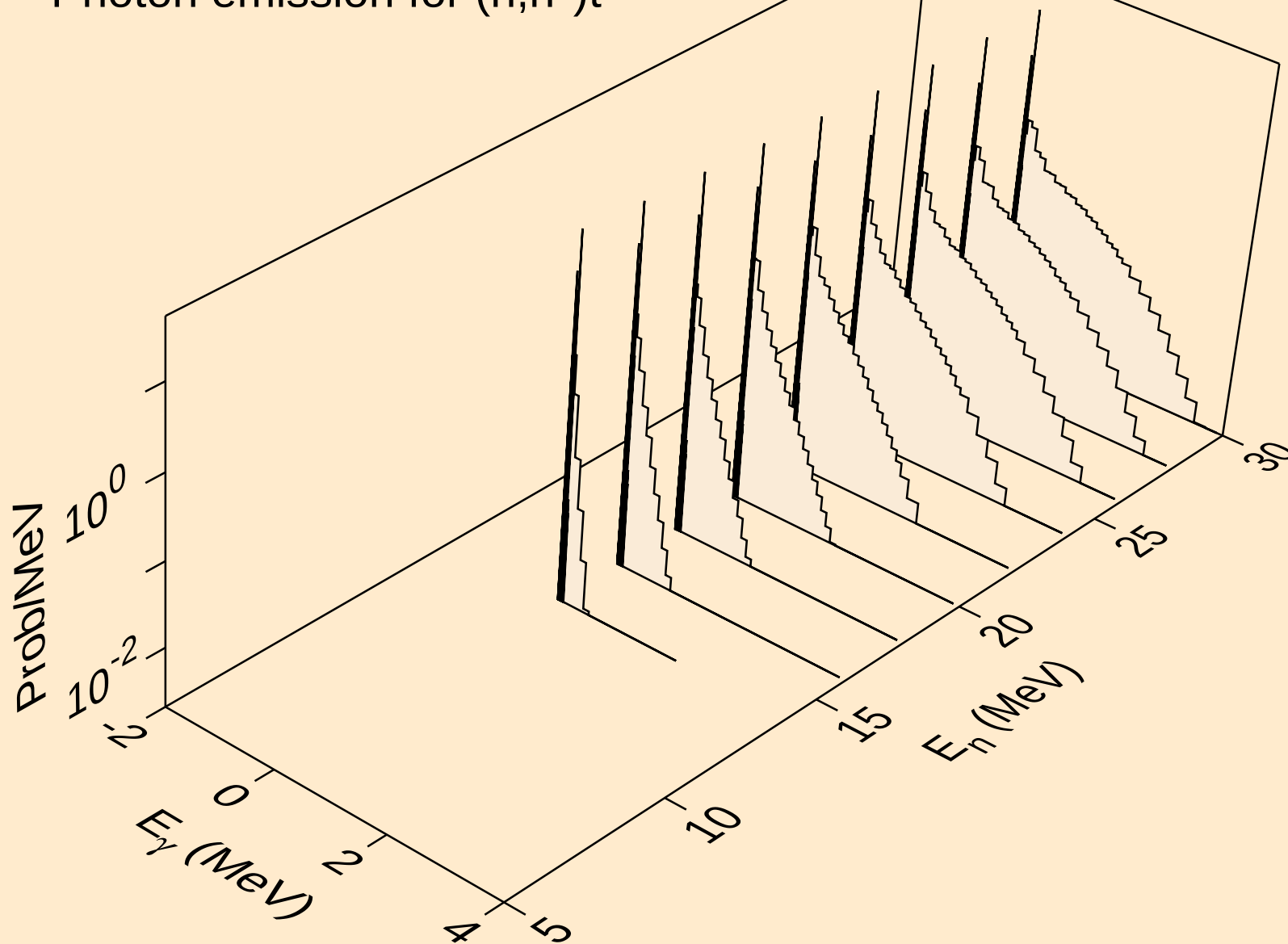
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d



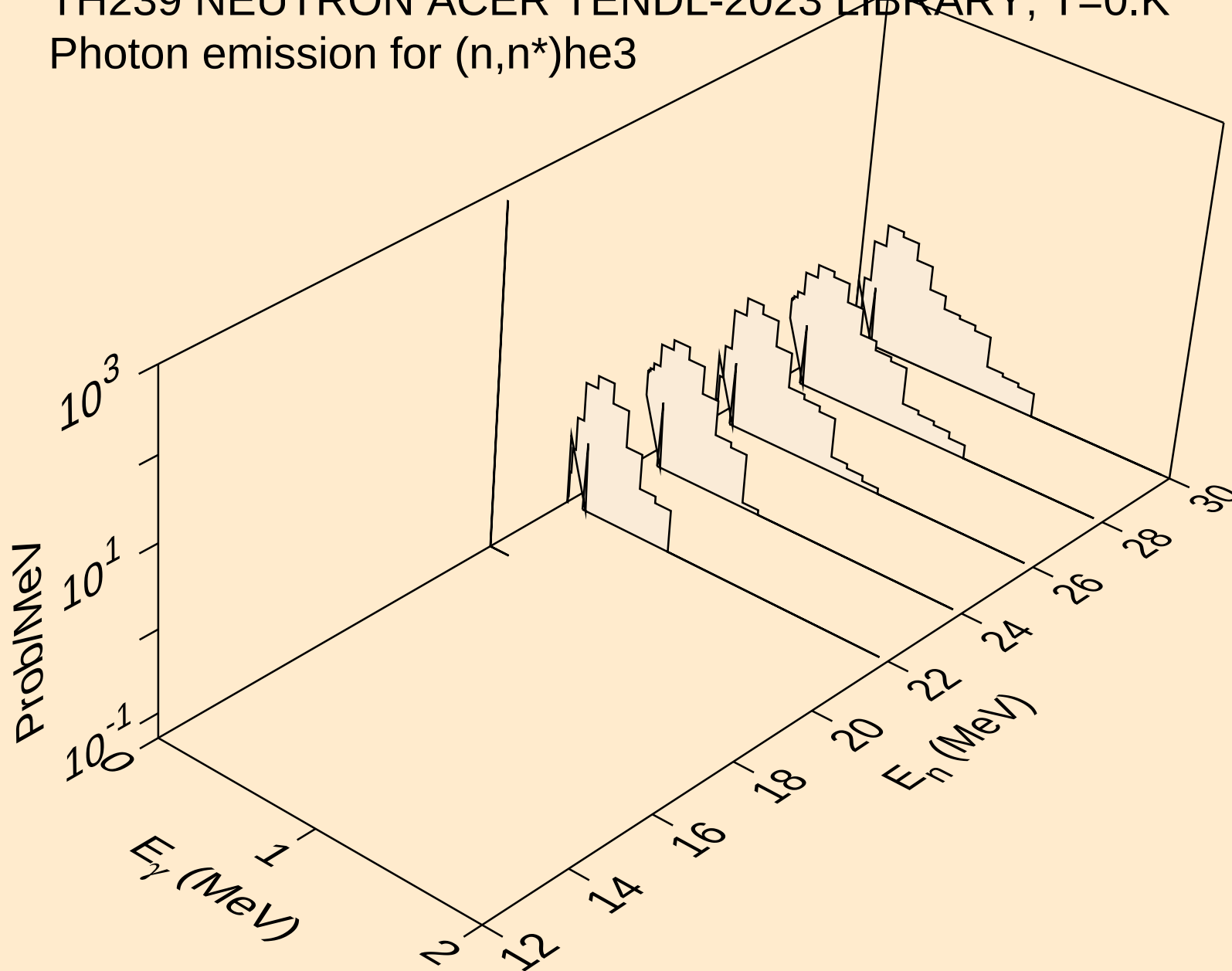
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)t

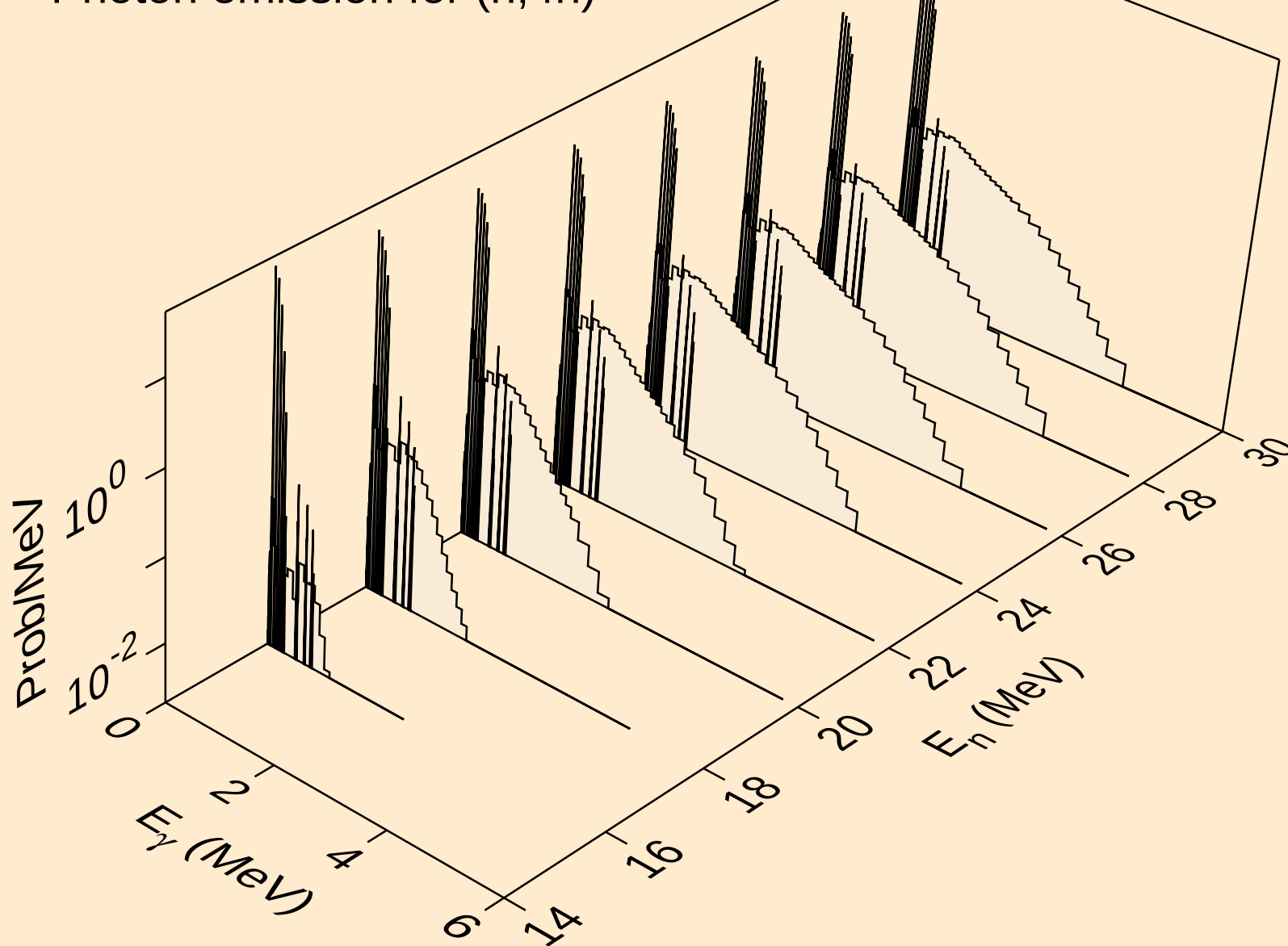


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

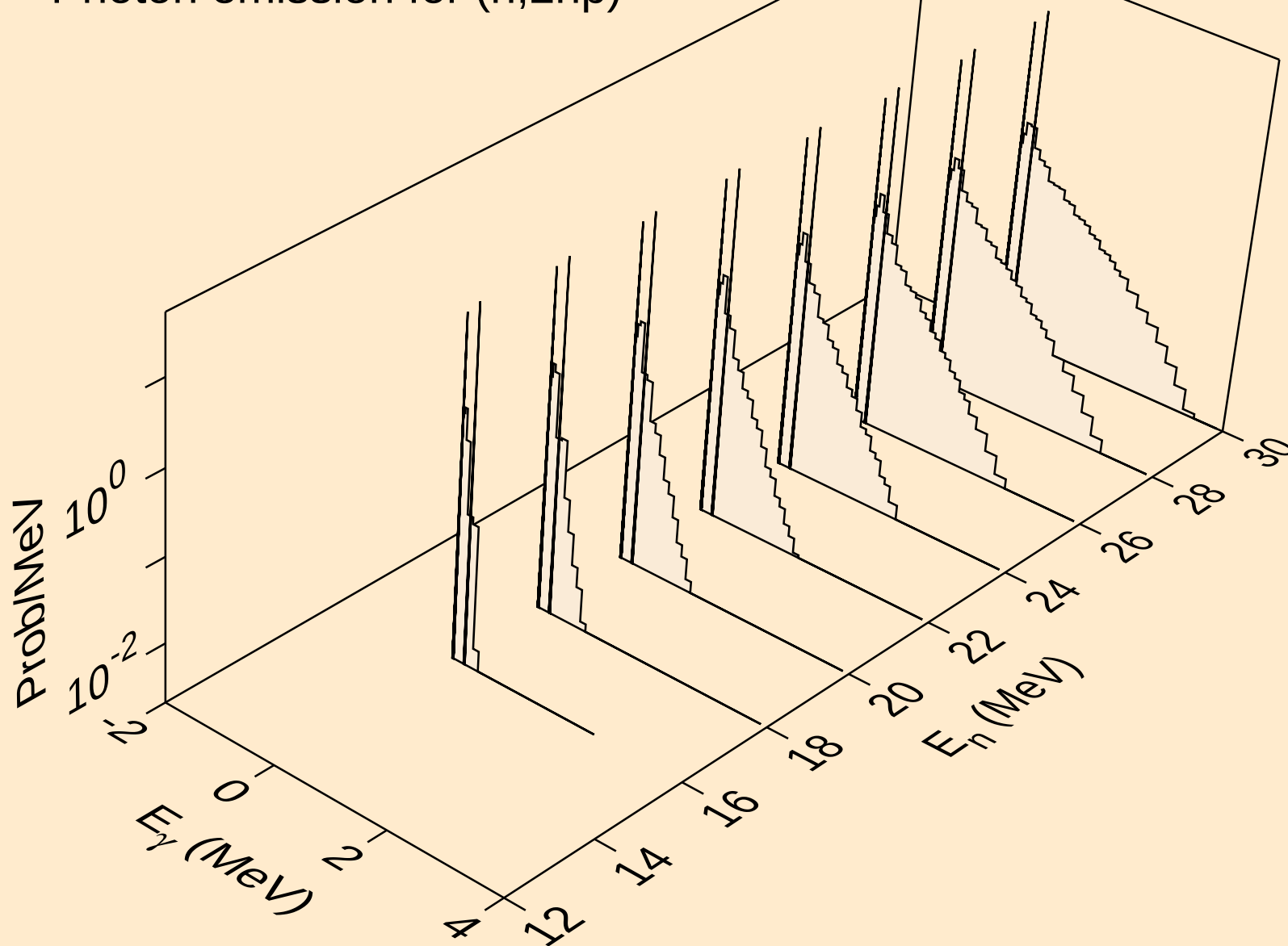
Photon emission for (n,n*)he3



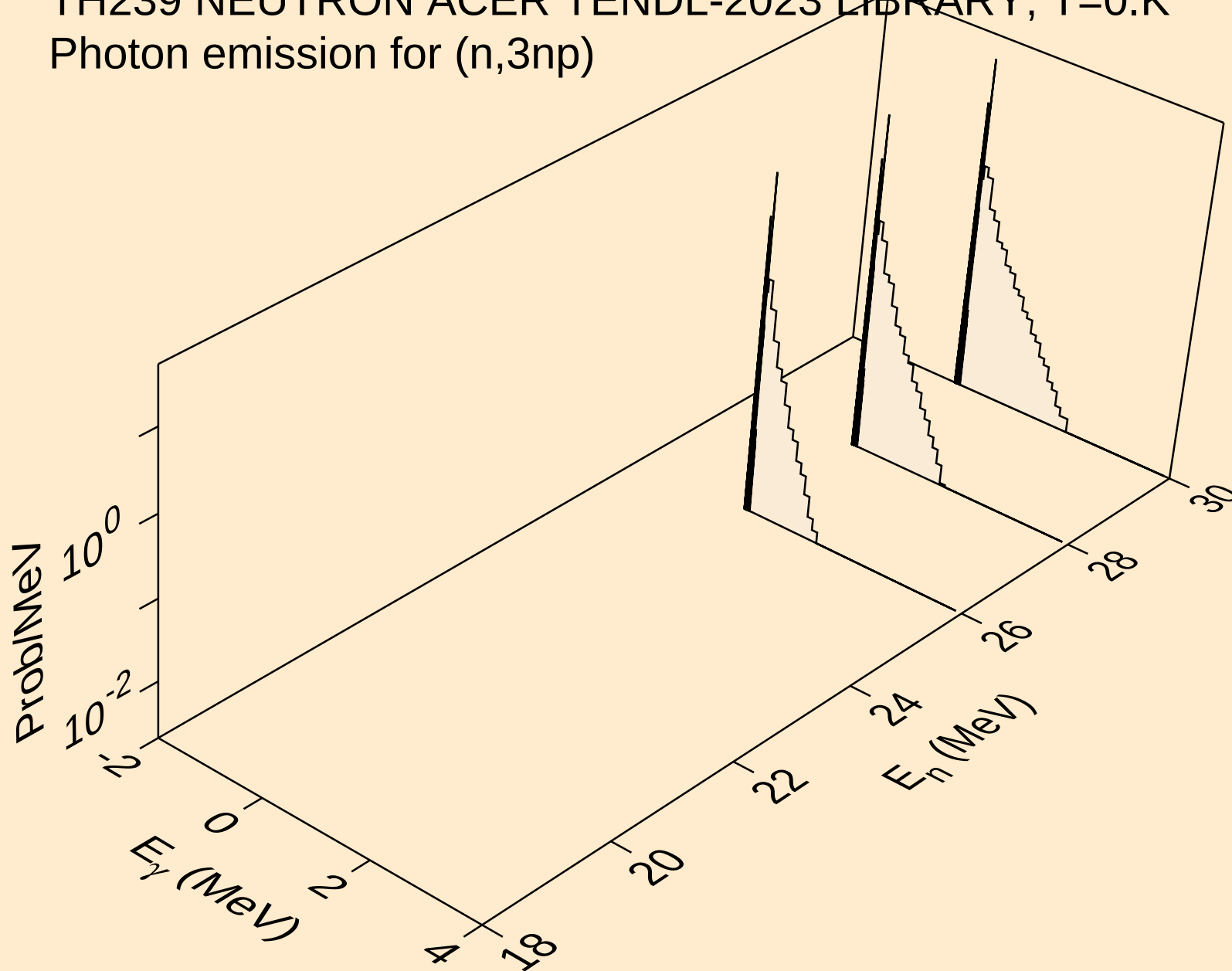
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



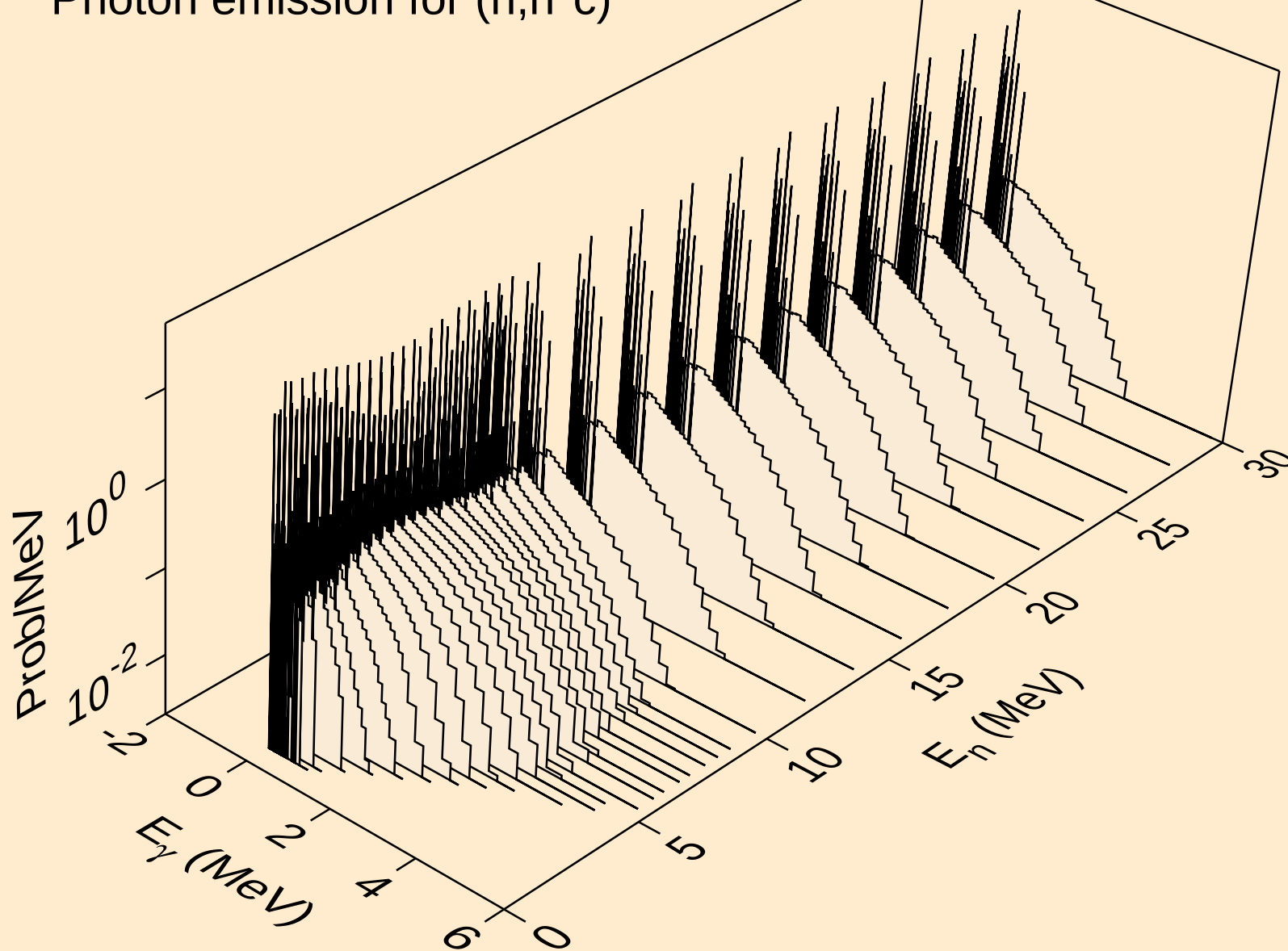
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



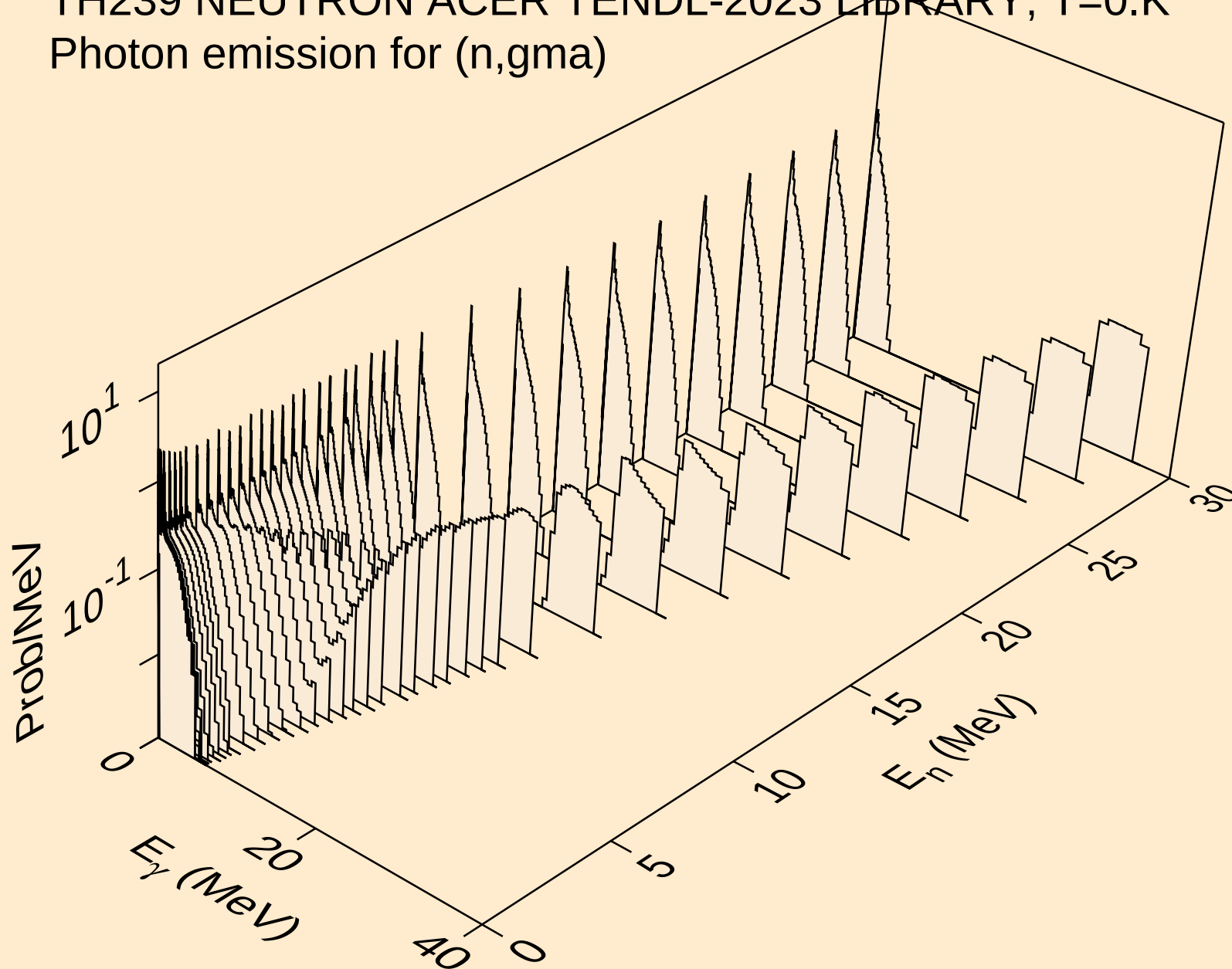
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



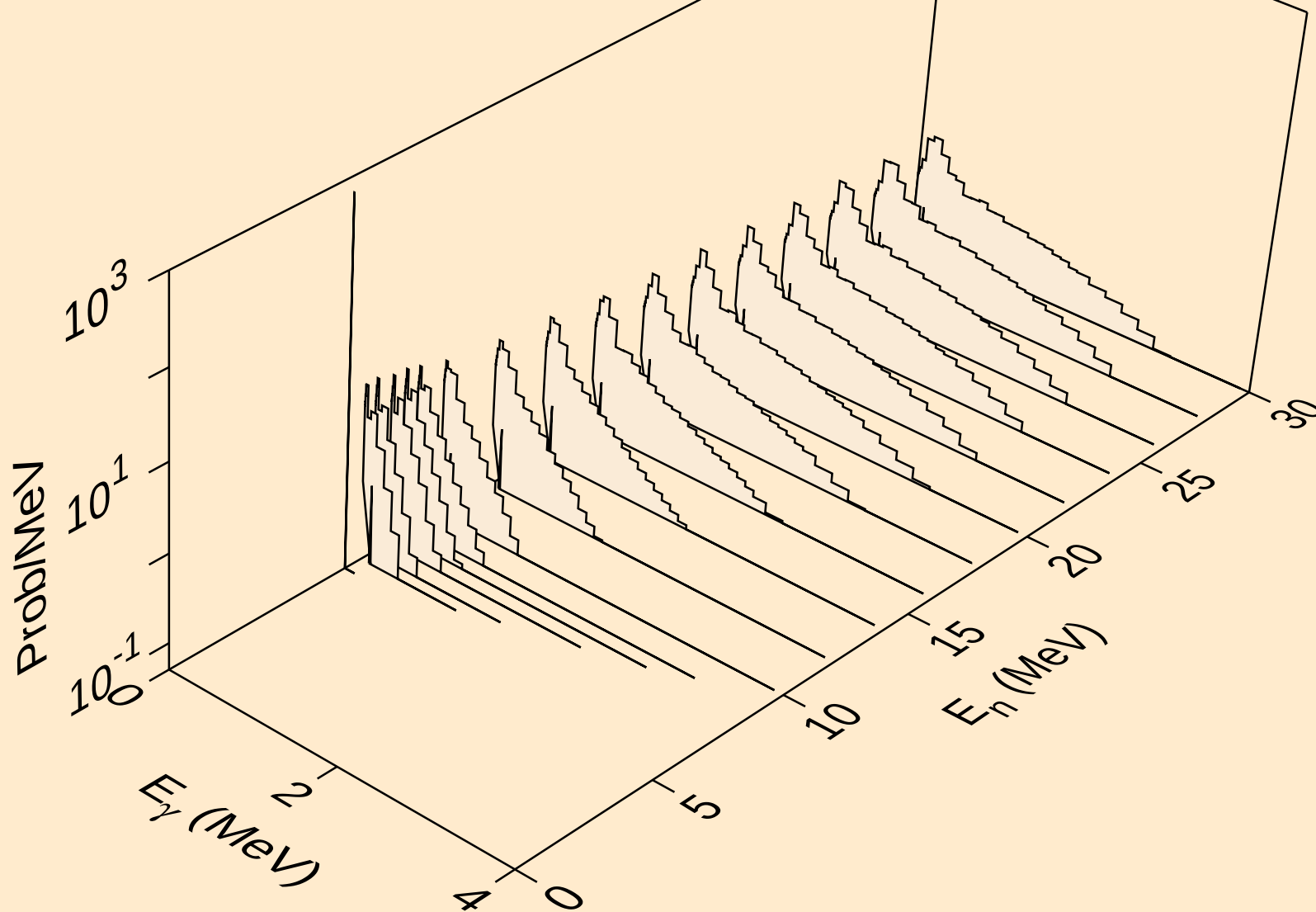
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



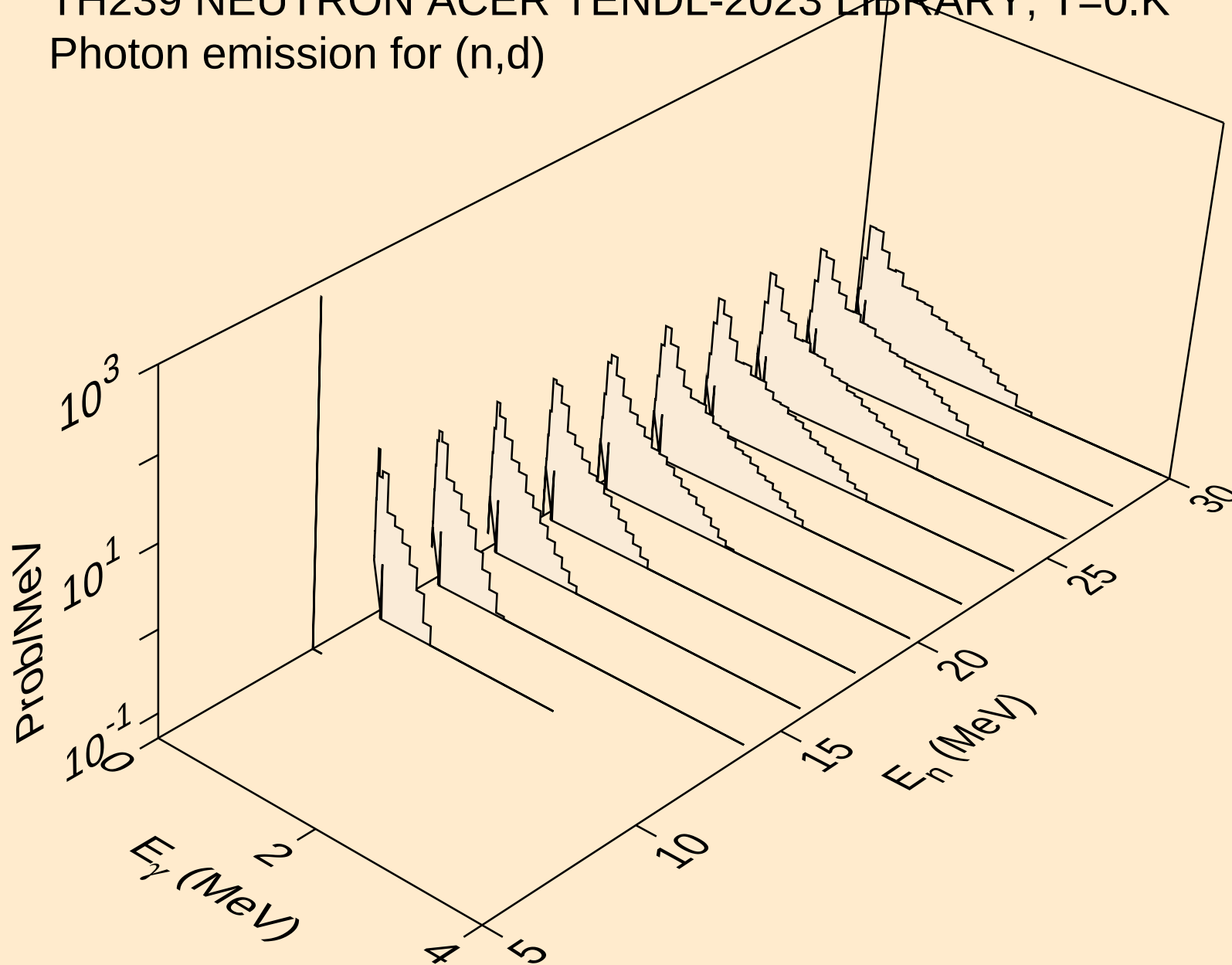
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



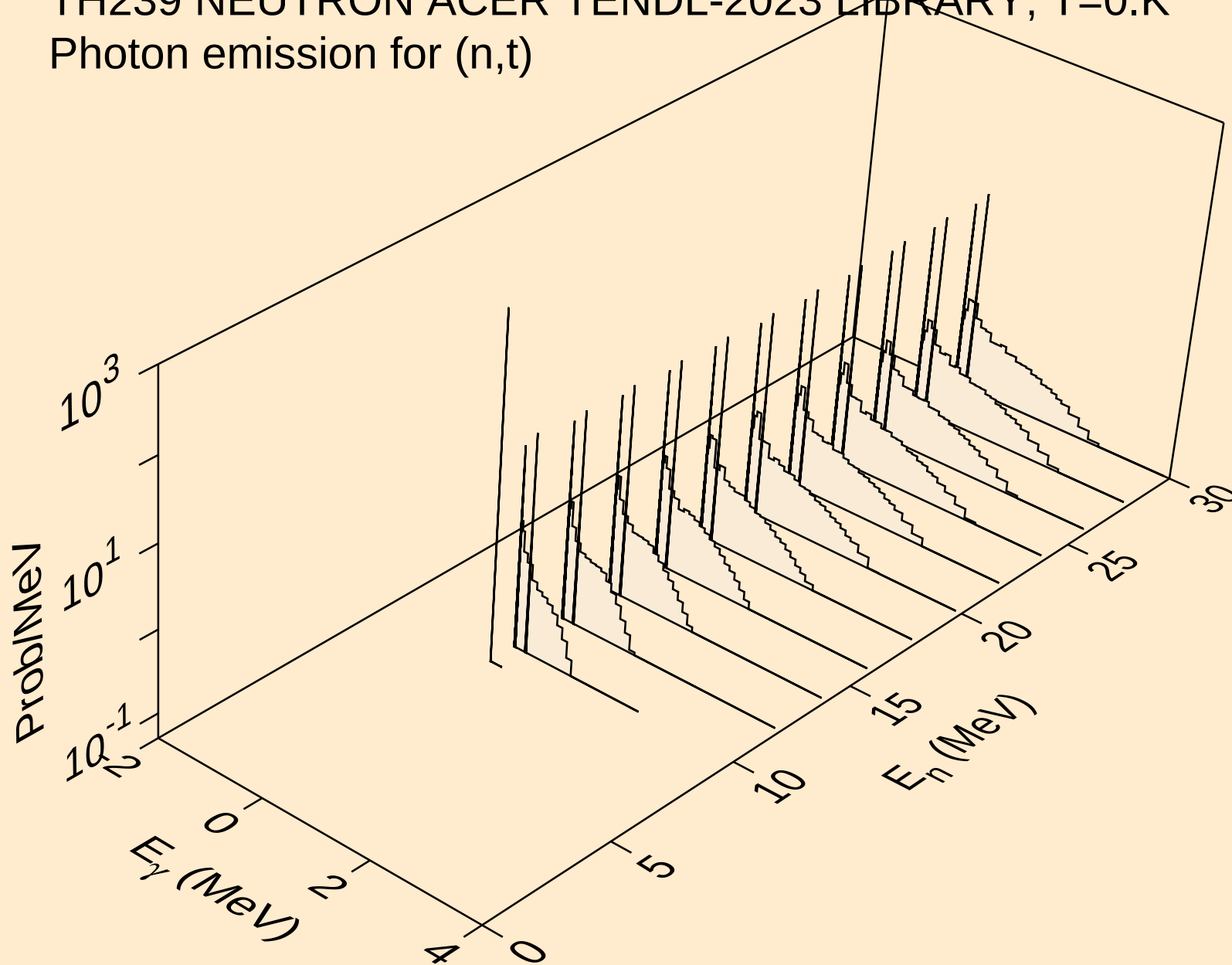
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



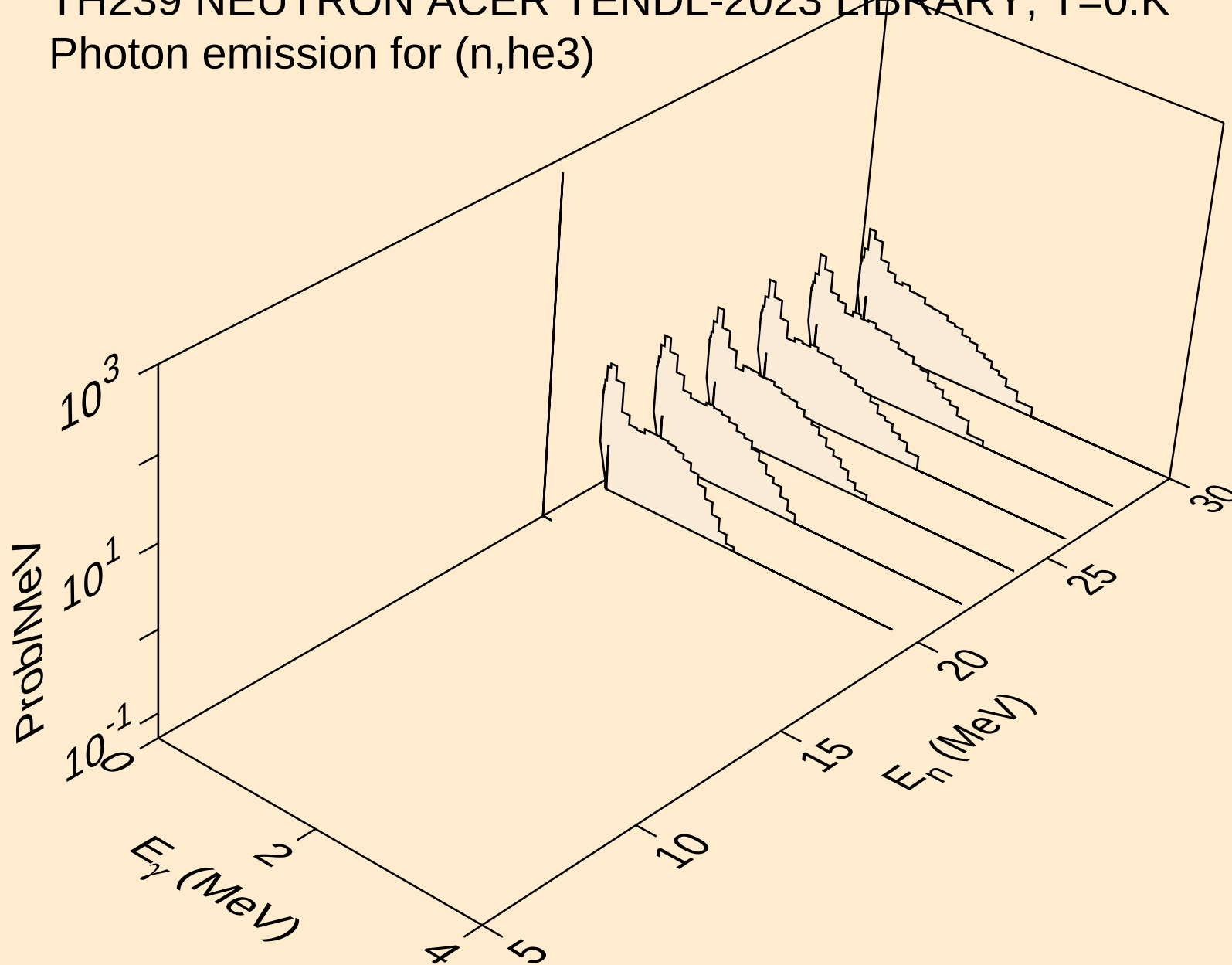
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



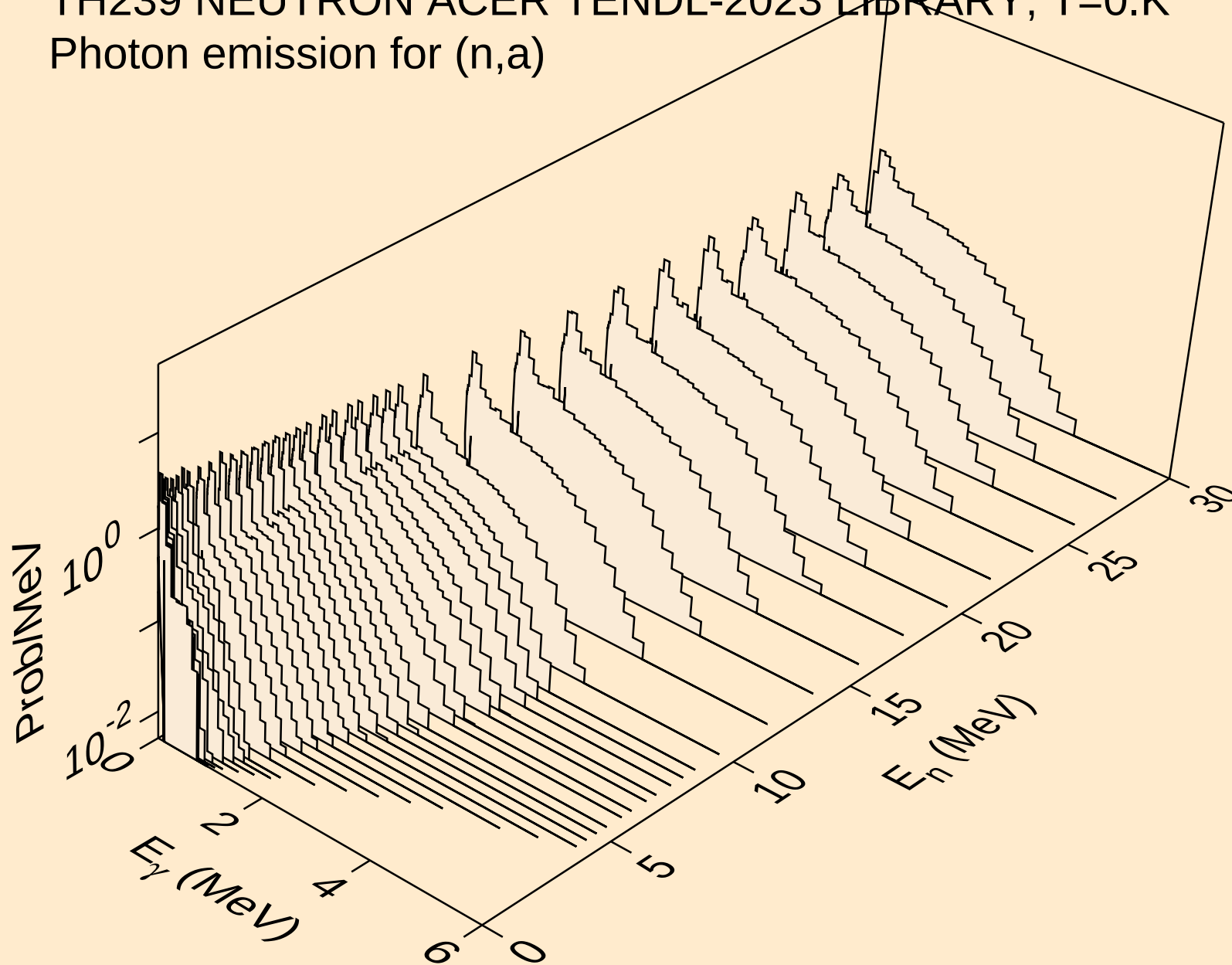
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)

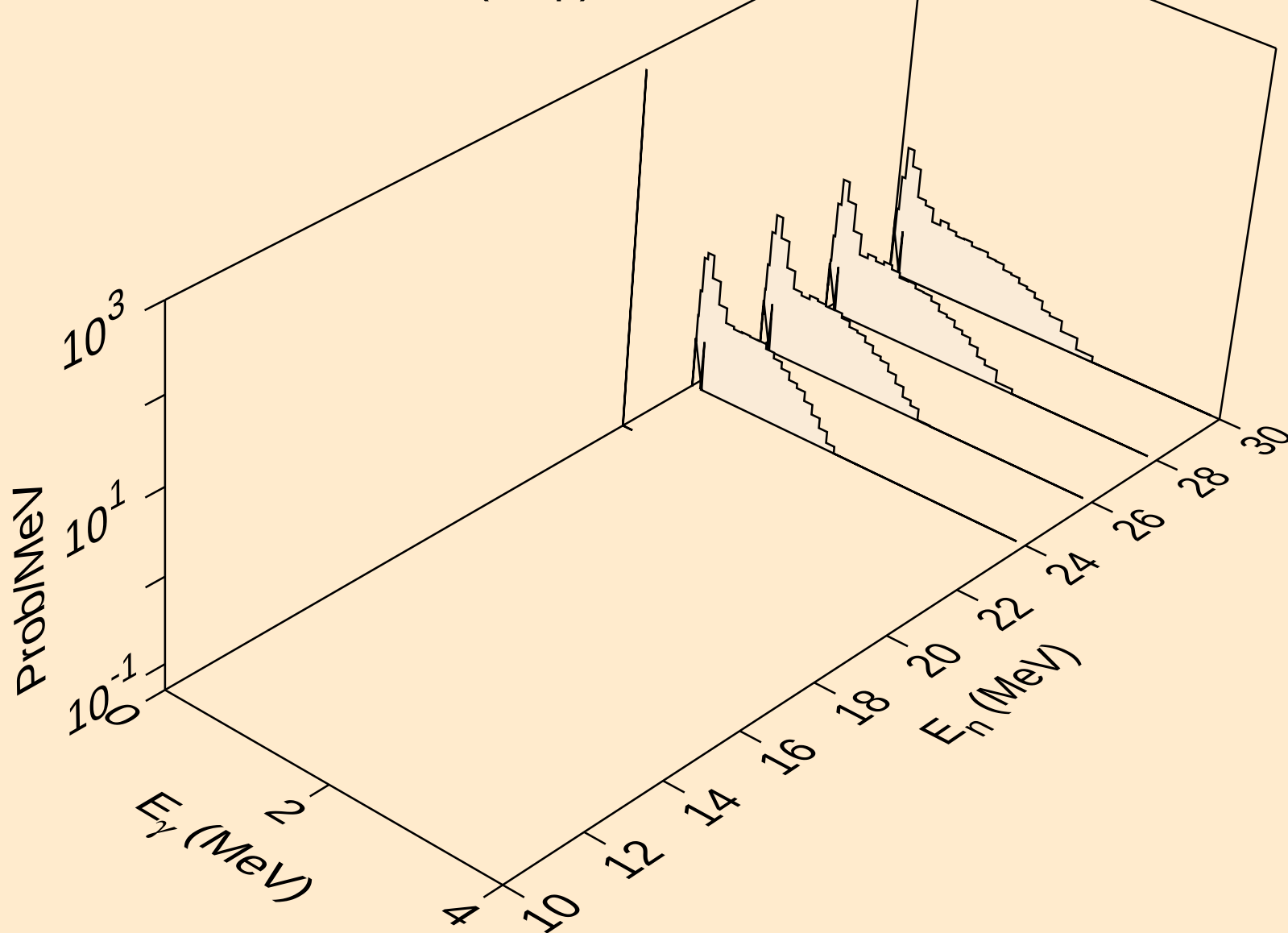


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)

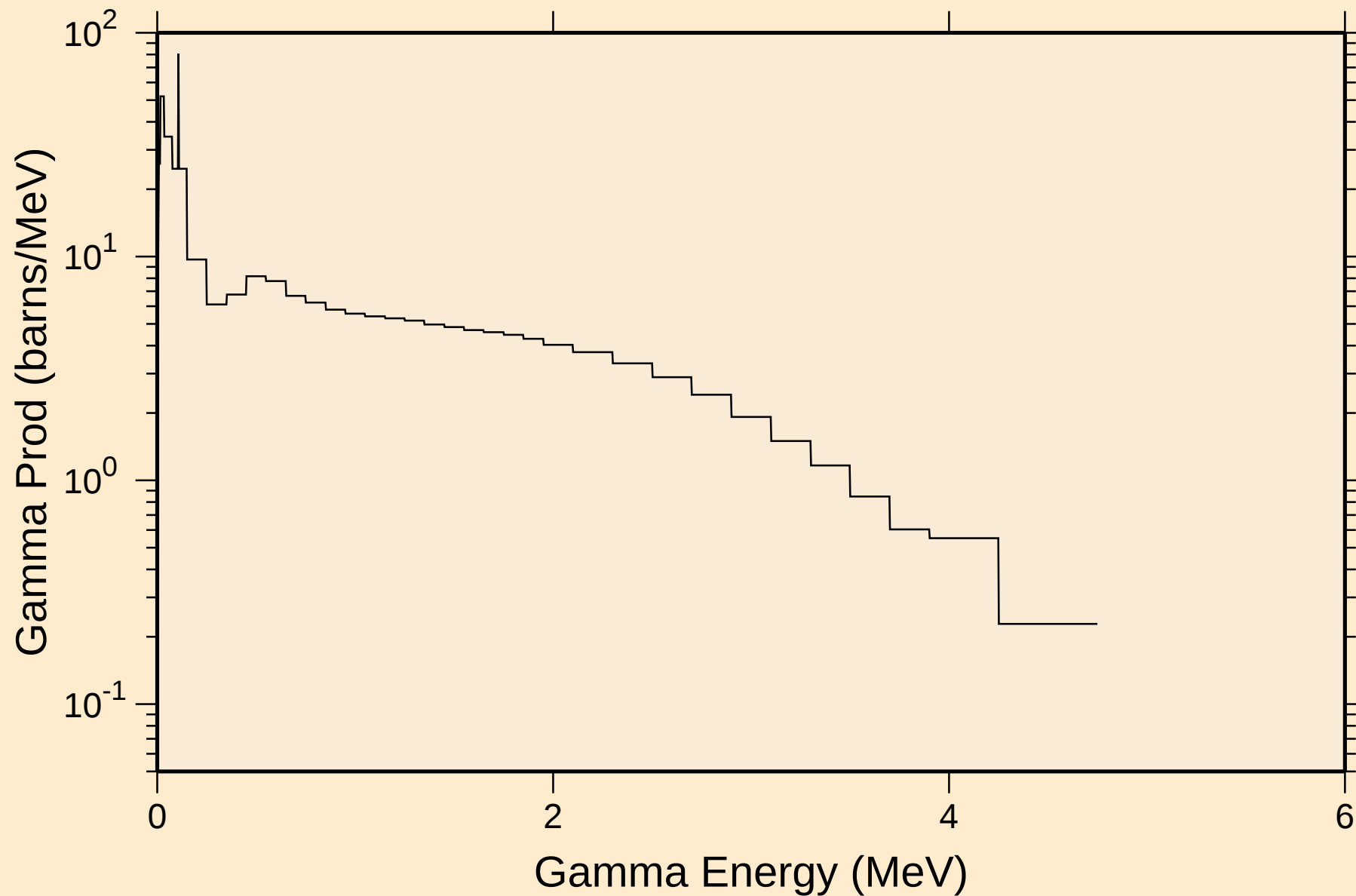


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

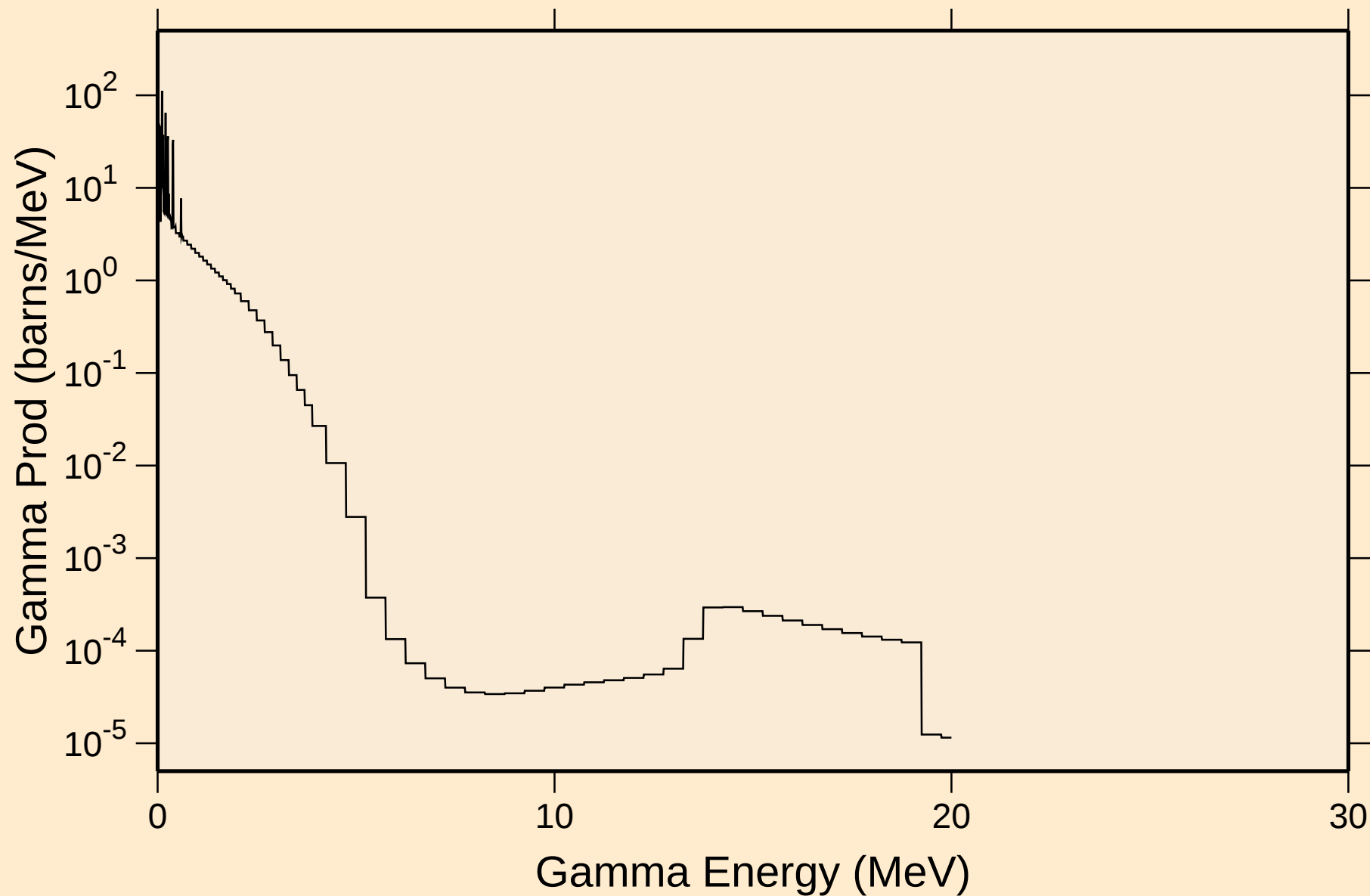
Photon emission for (n,2p)



TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

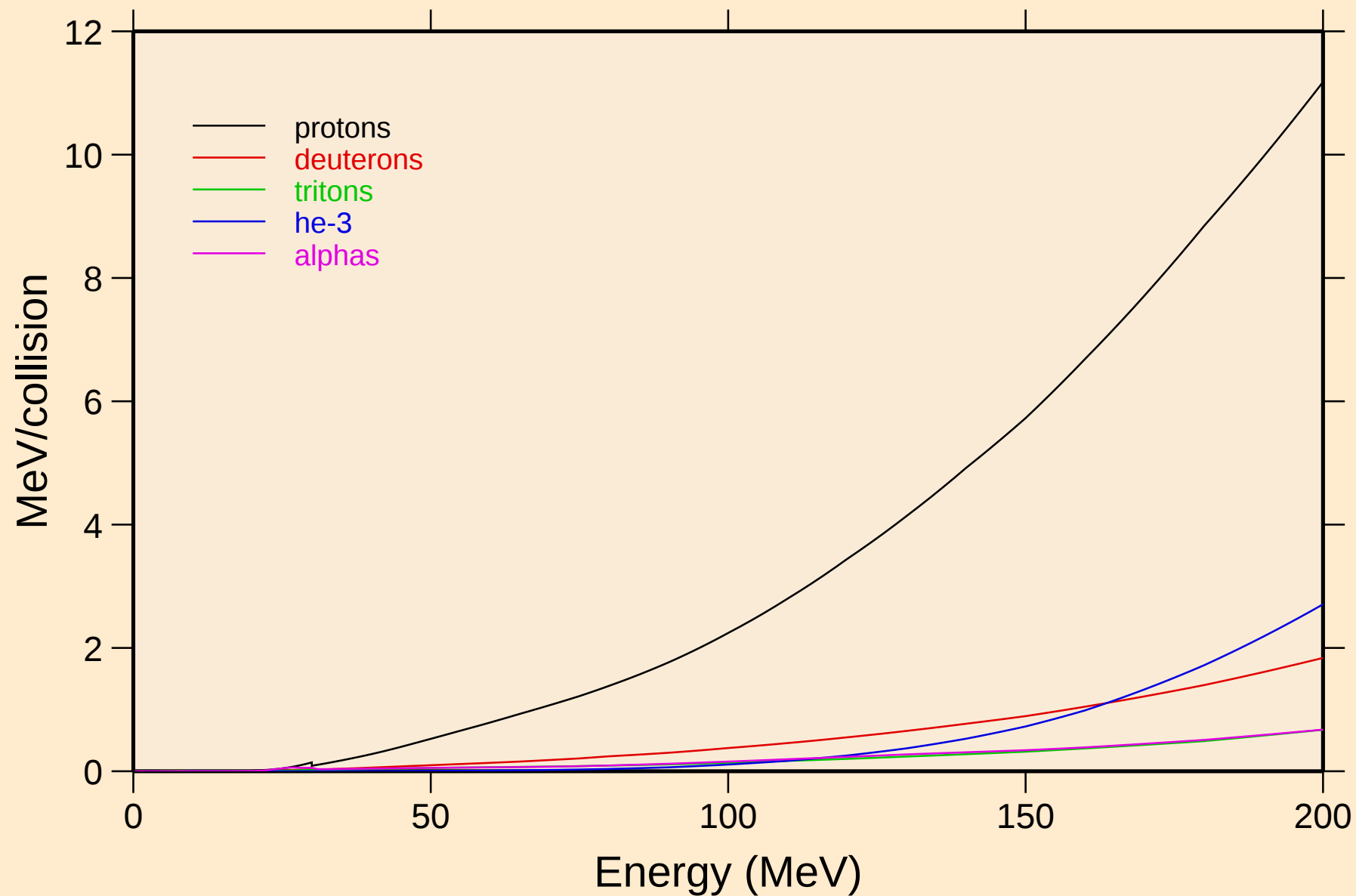


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

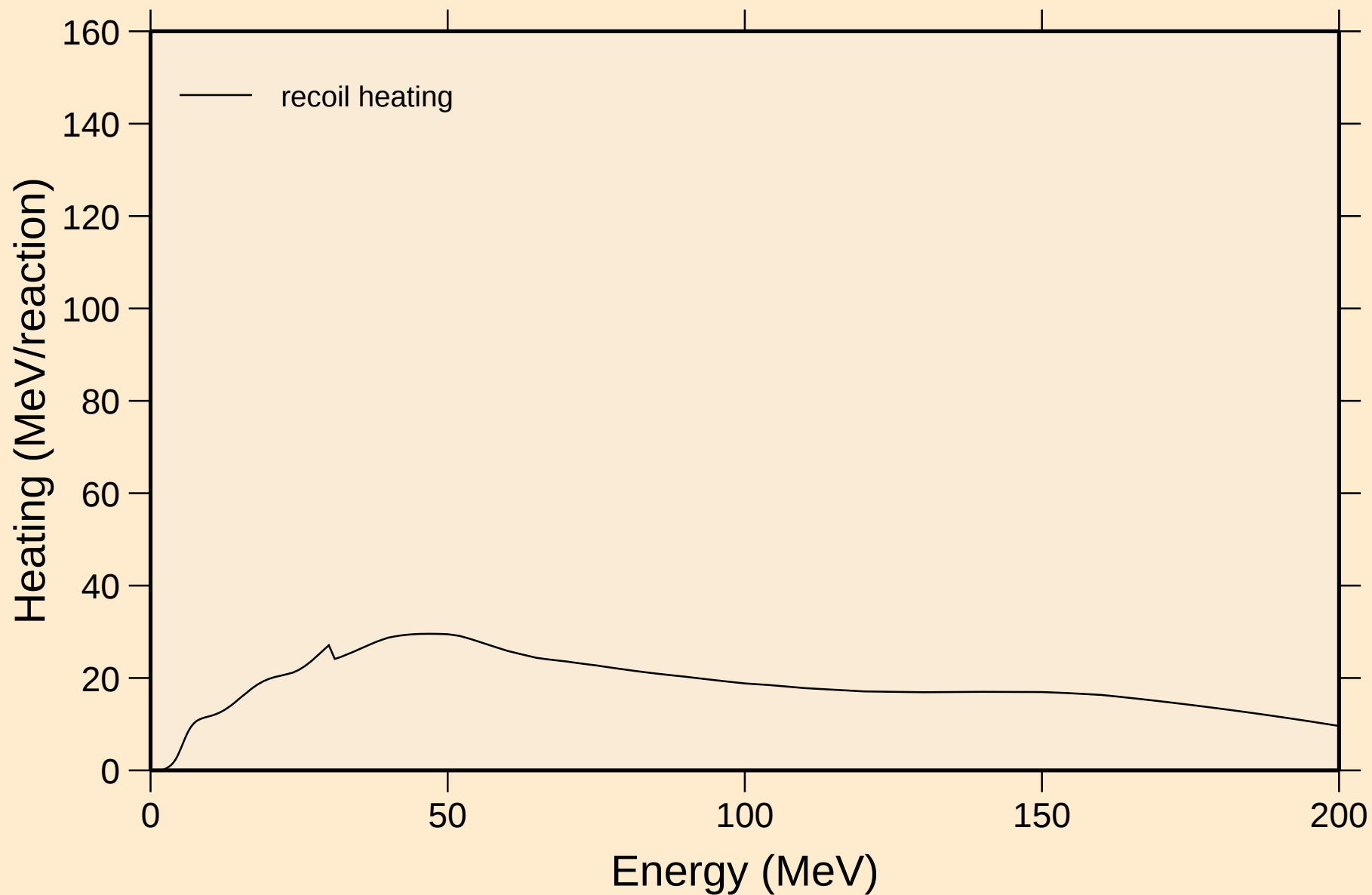


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions

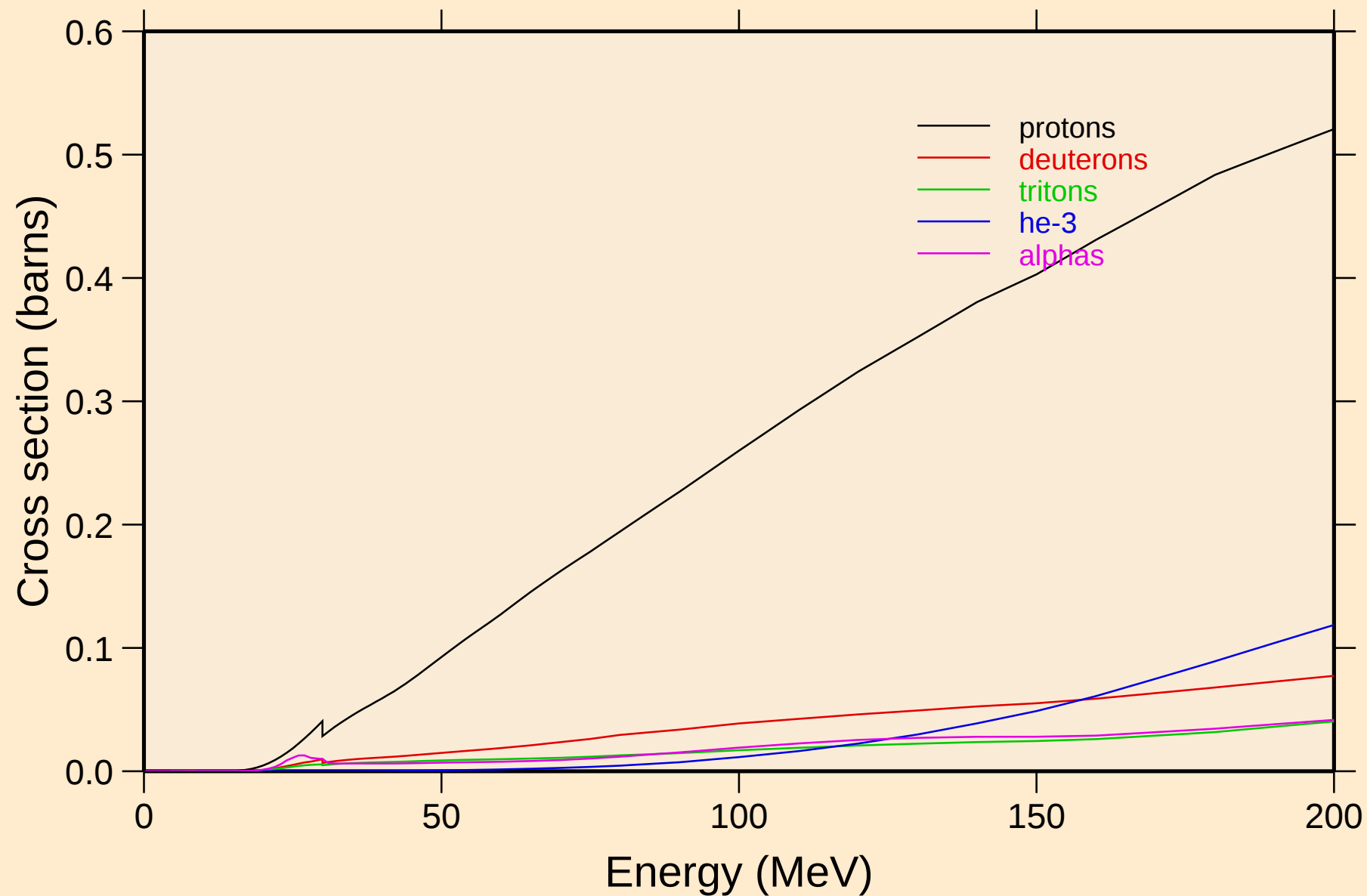


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

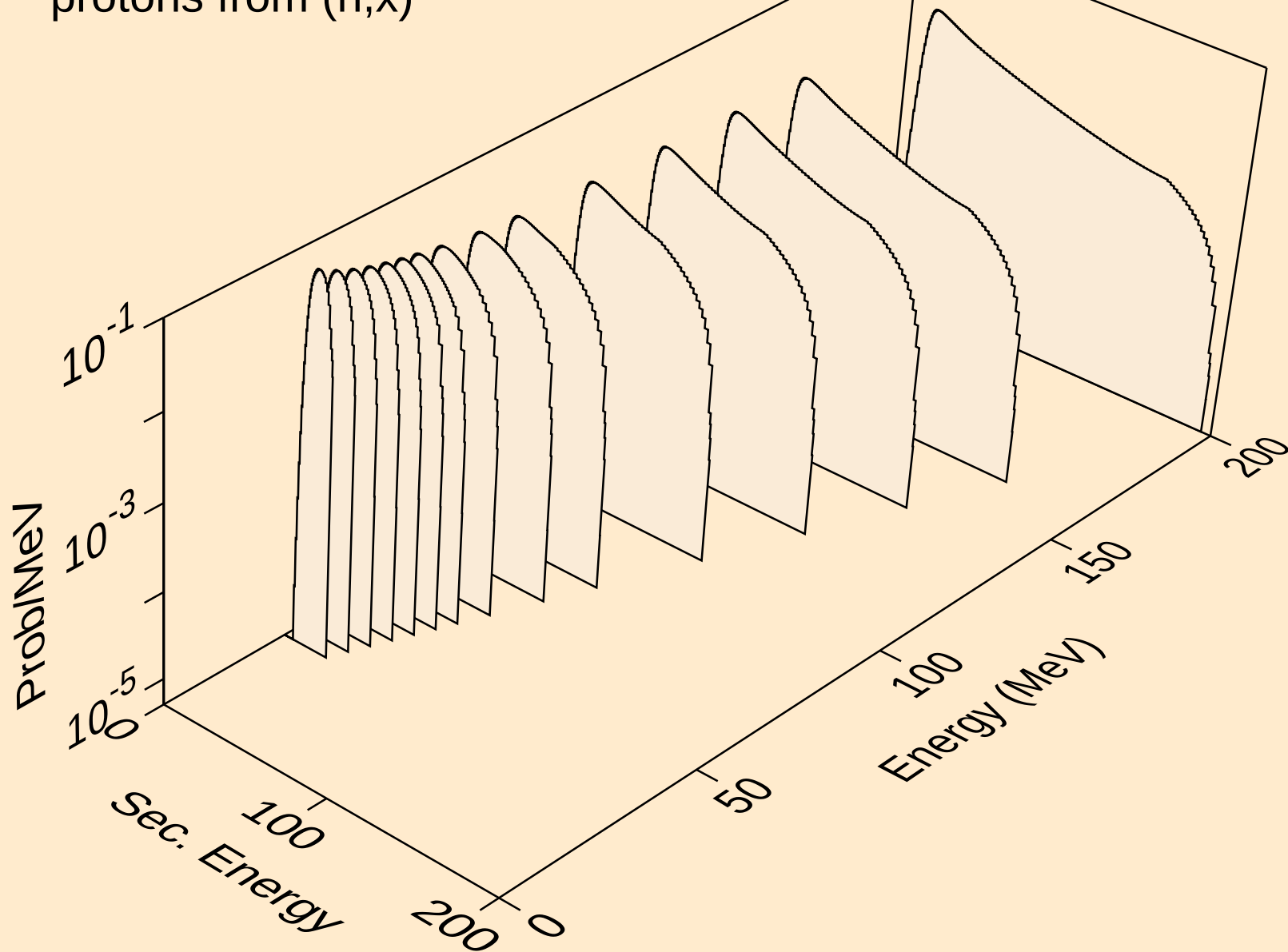


TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

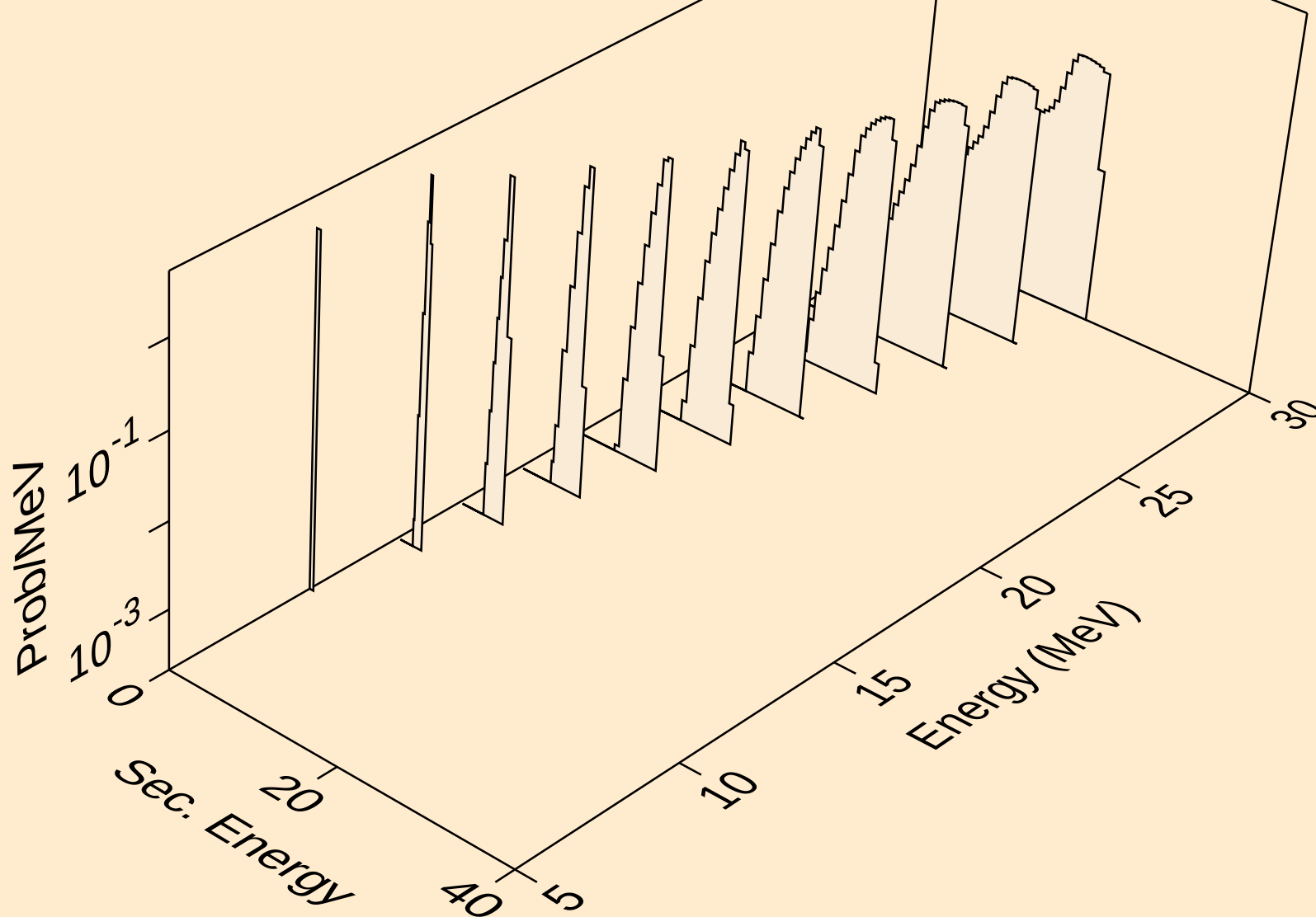
Particle production cross sections



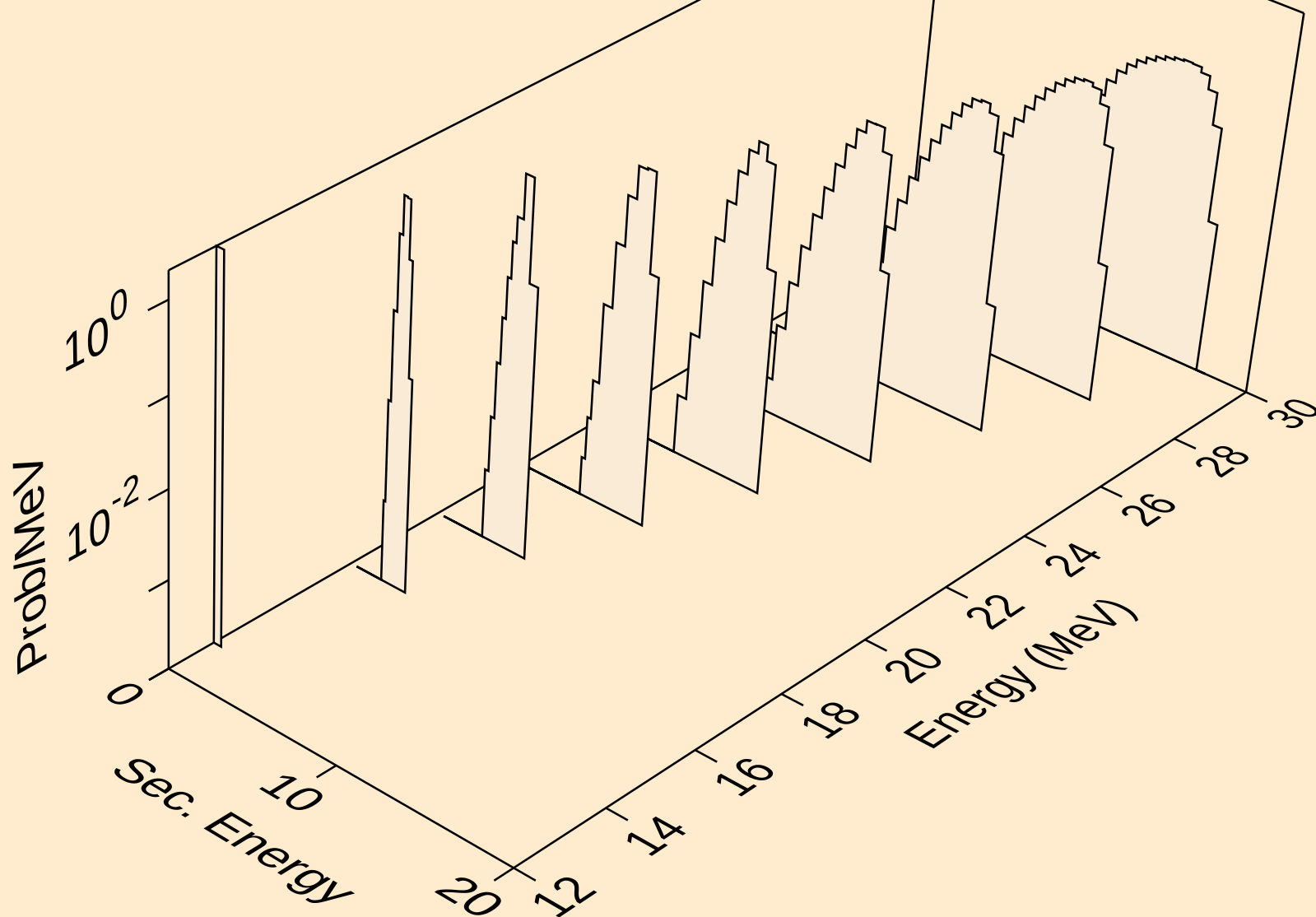
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



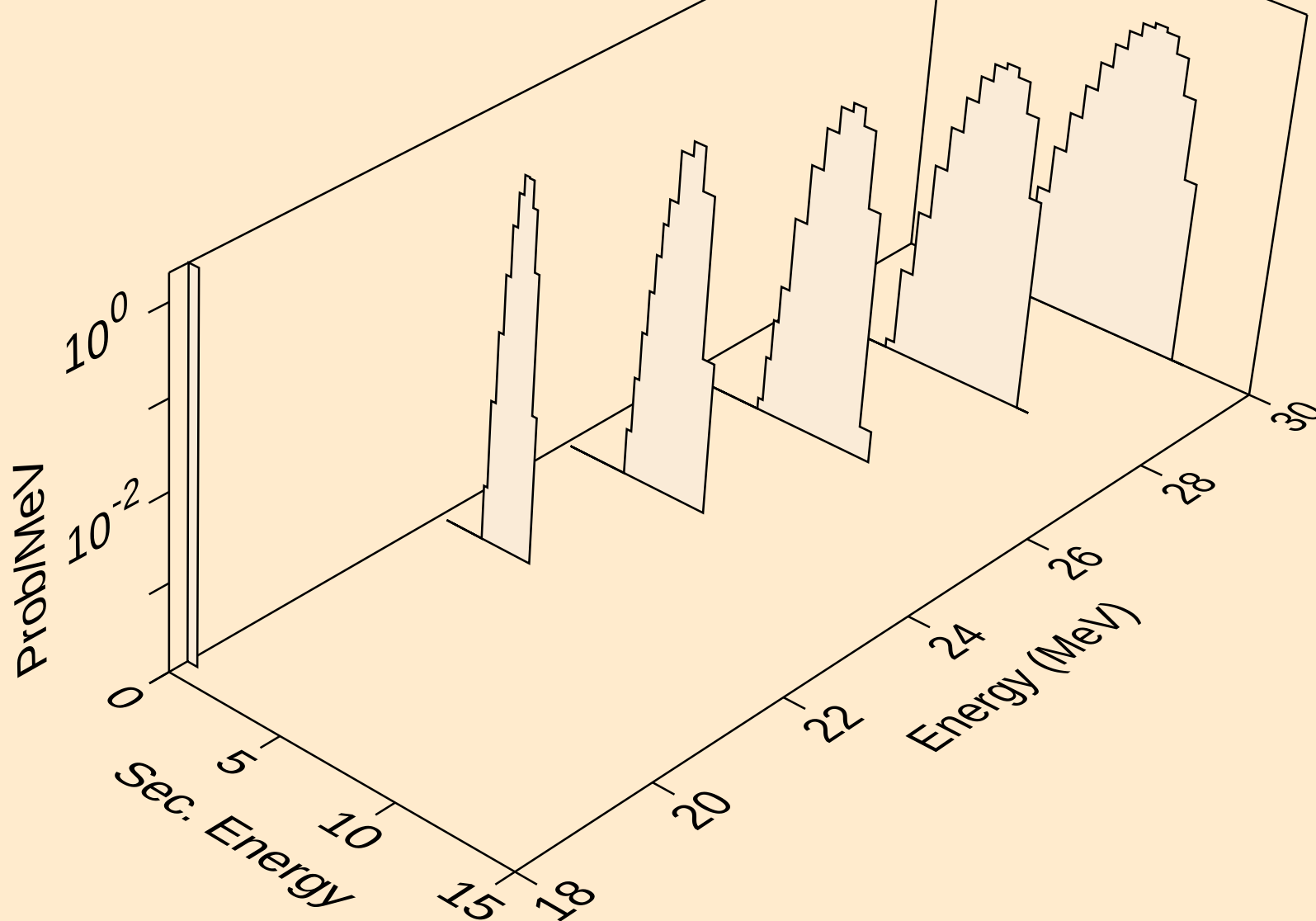
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



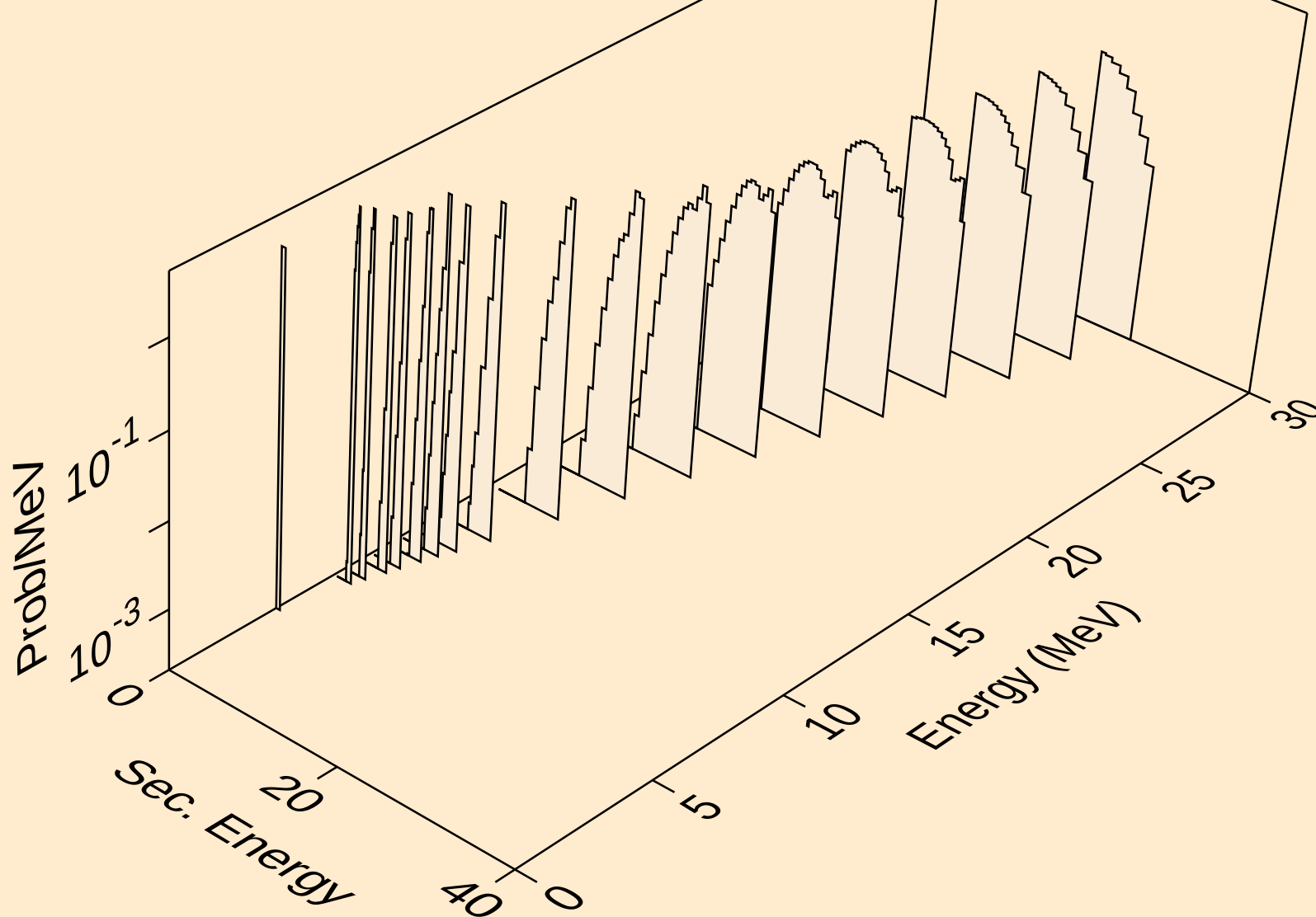
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



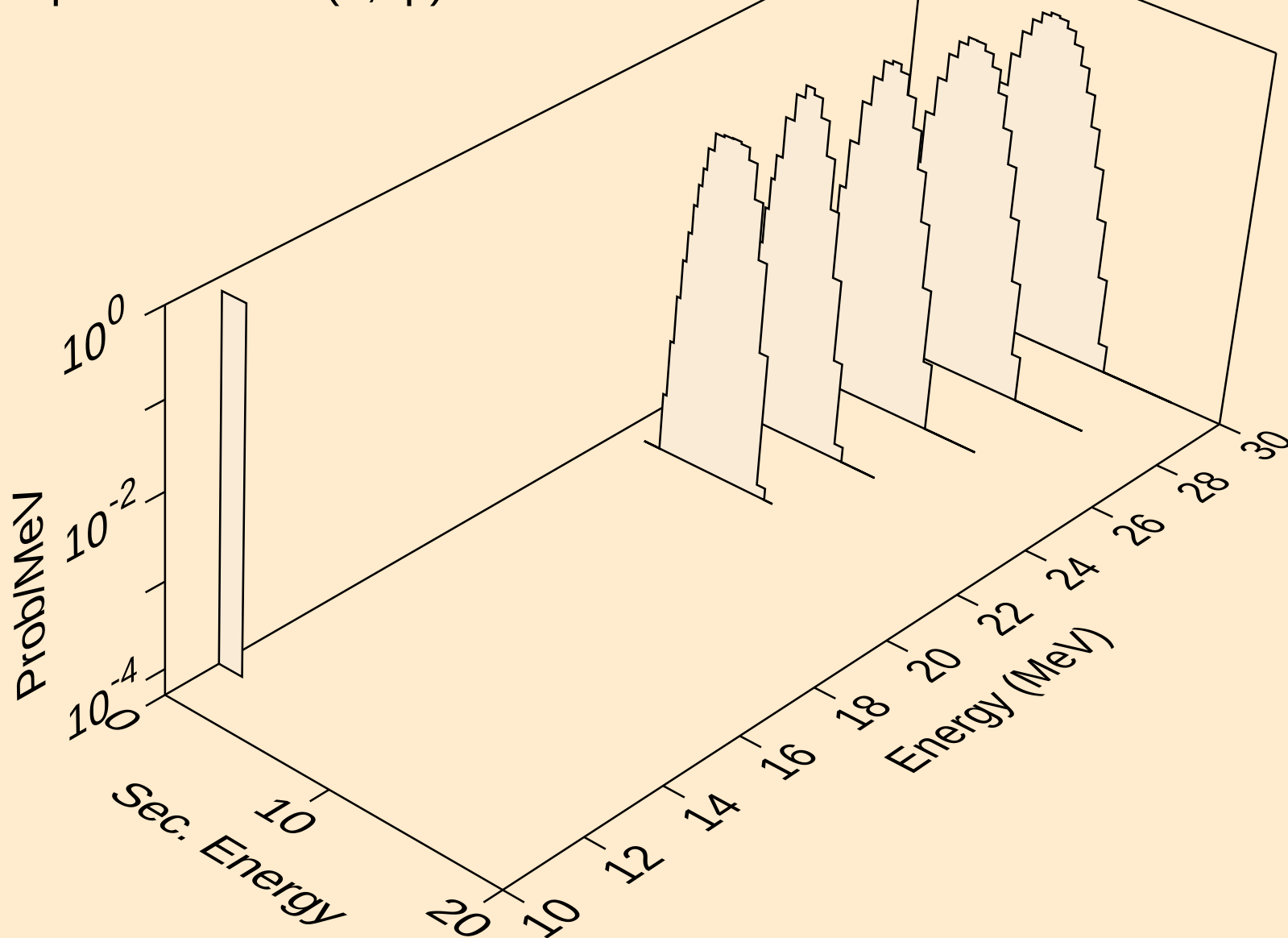
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protons from (n,3np)



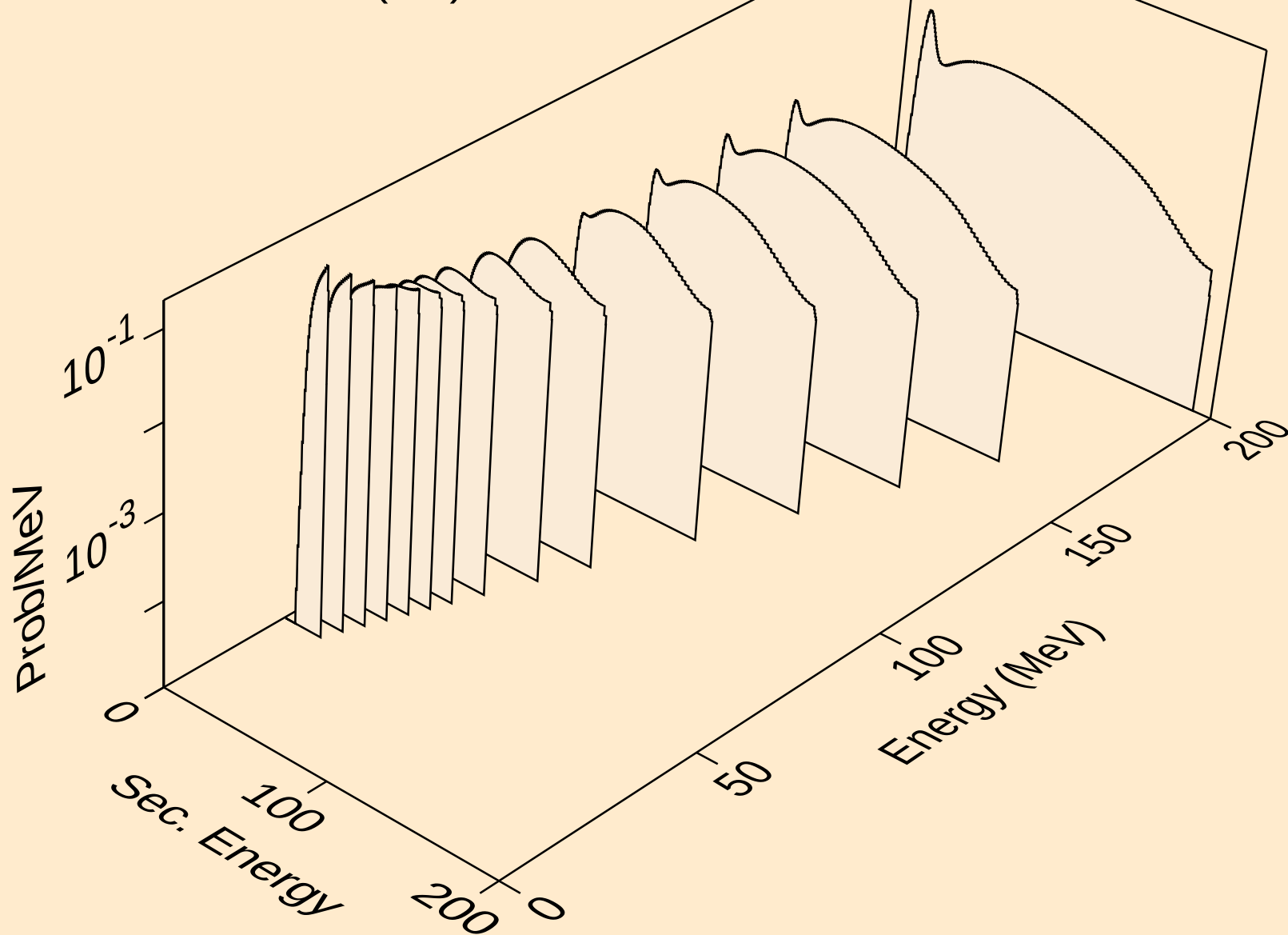
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protons from (n,p)



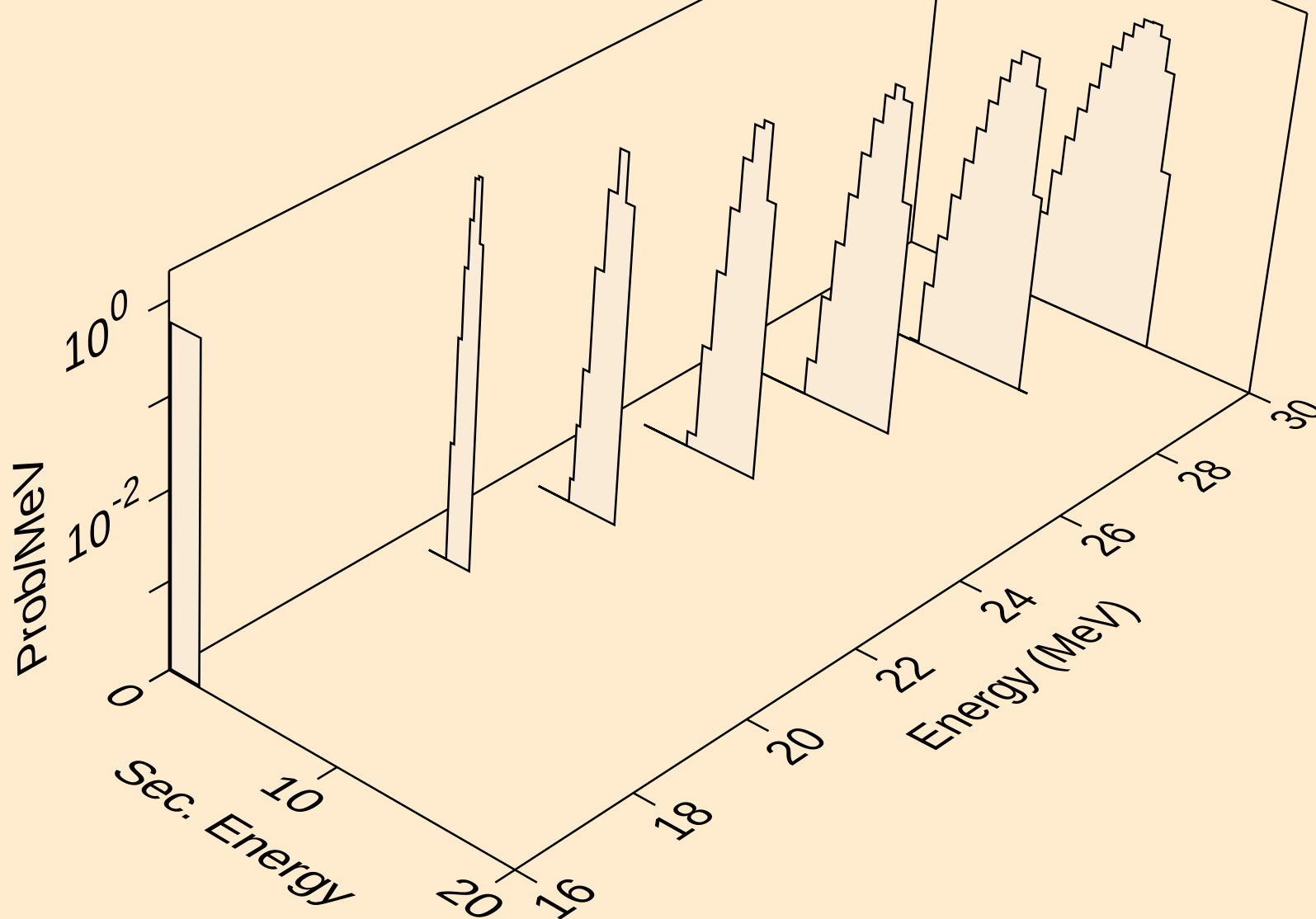
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protons from (n,2p)



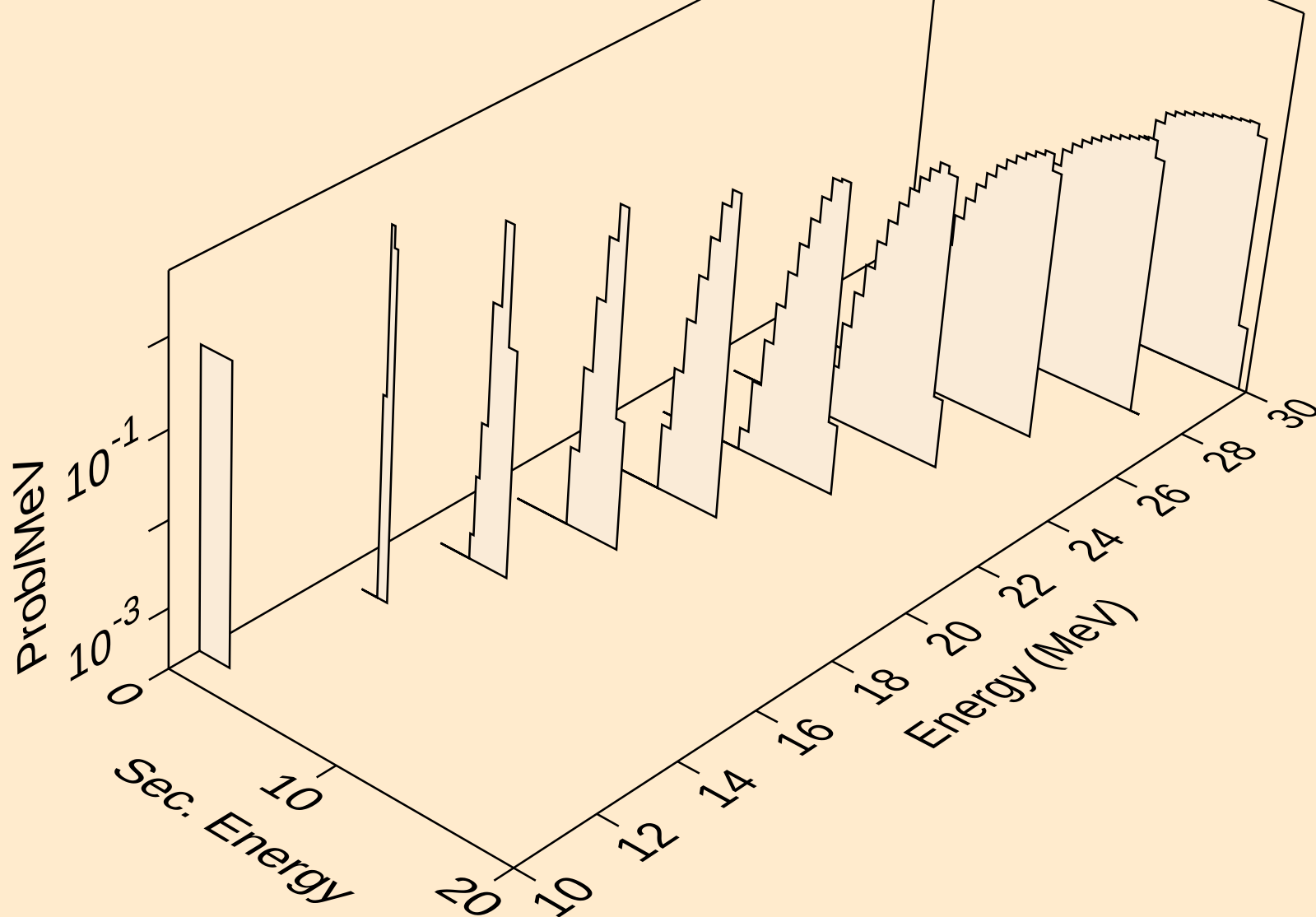
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



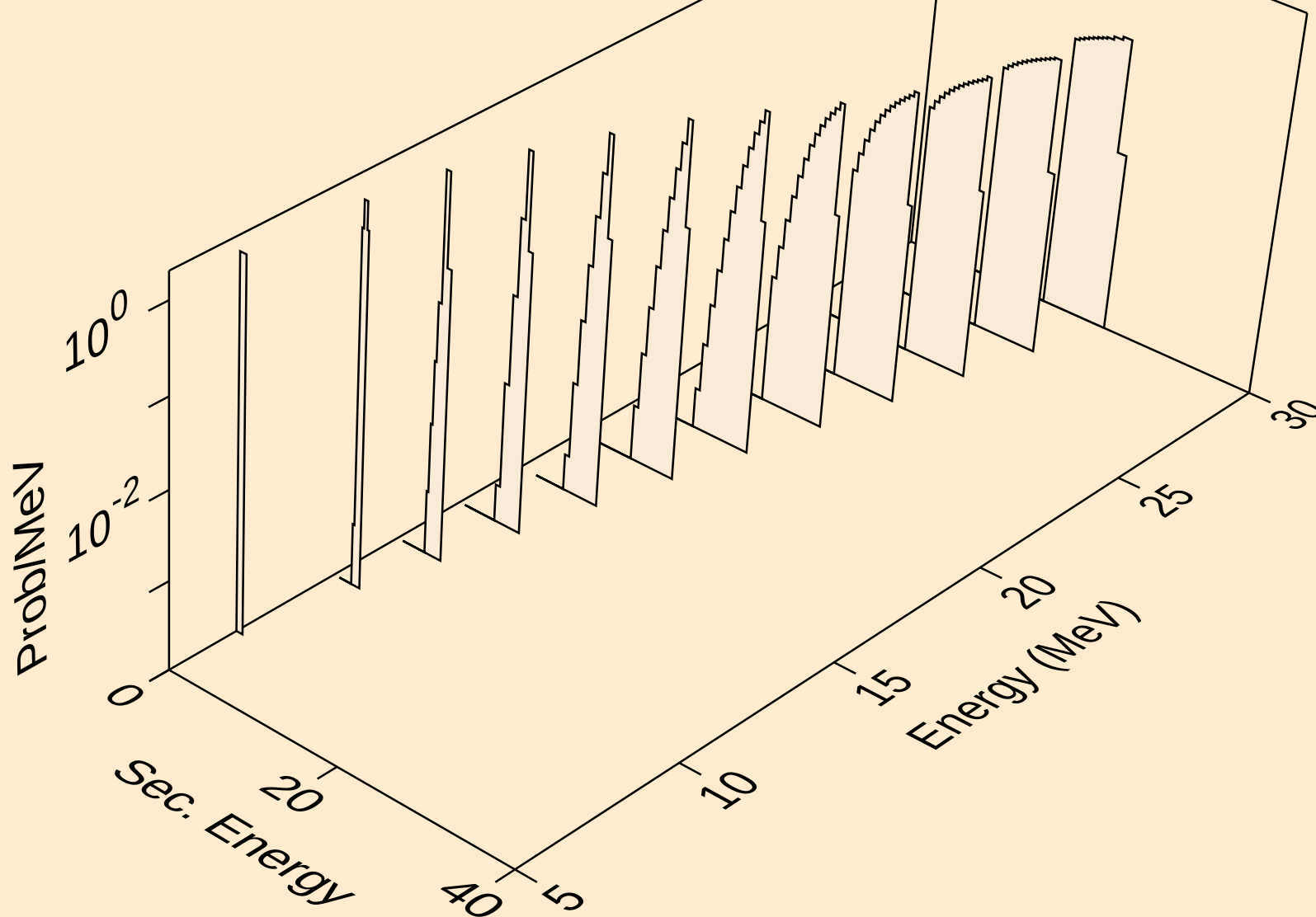
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,2nd)



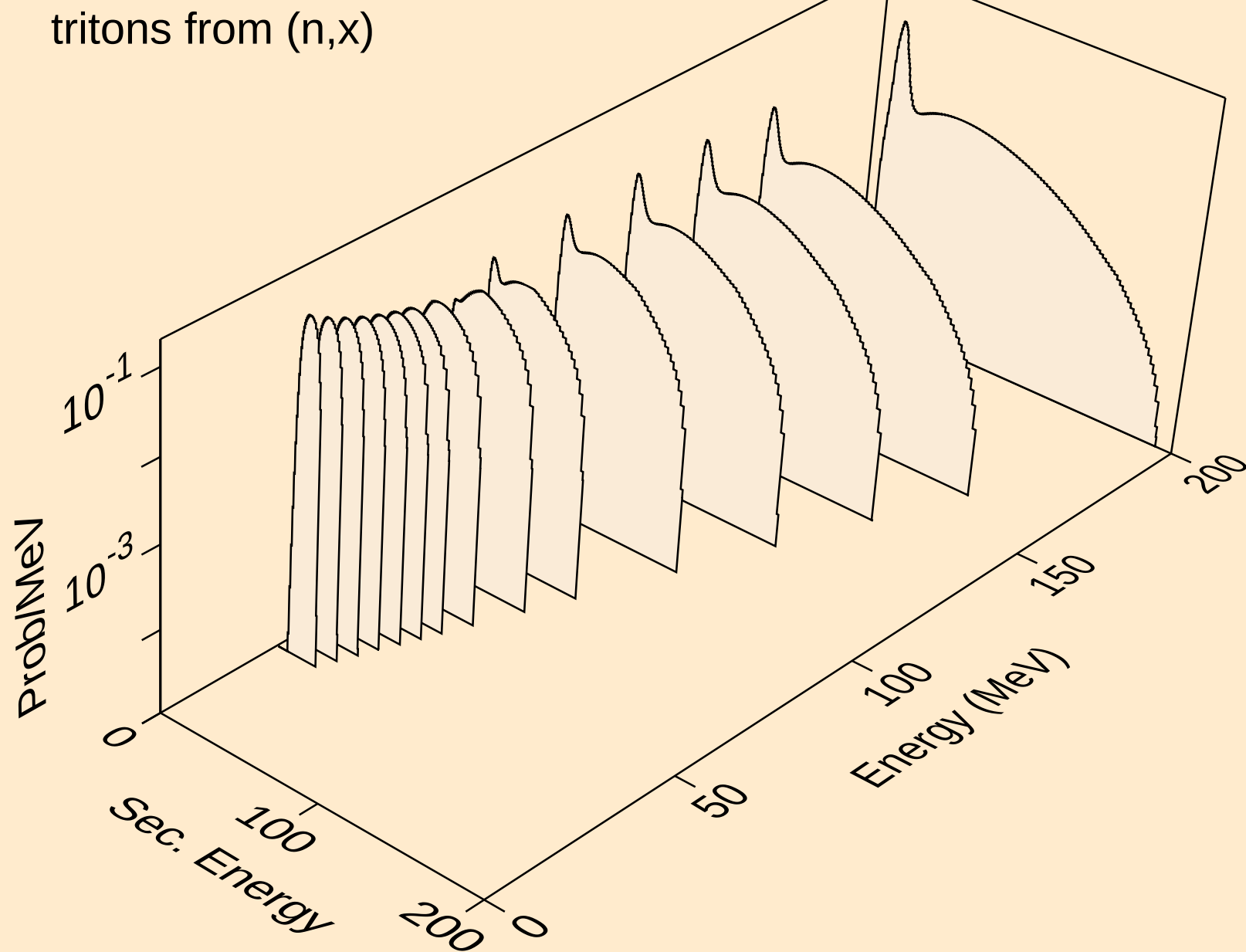
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



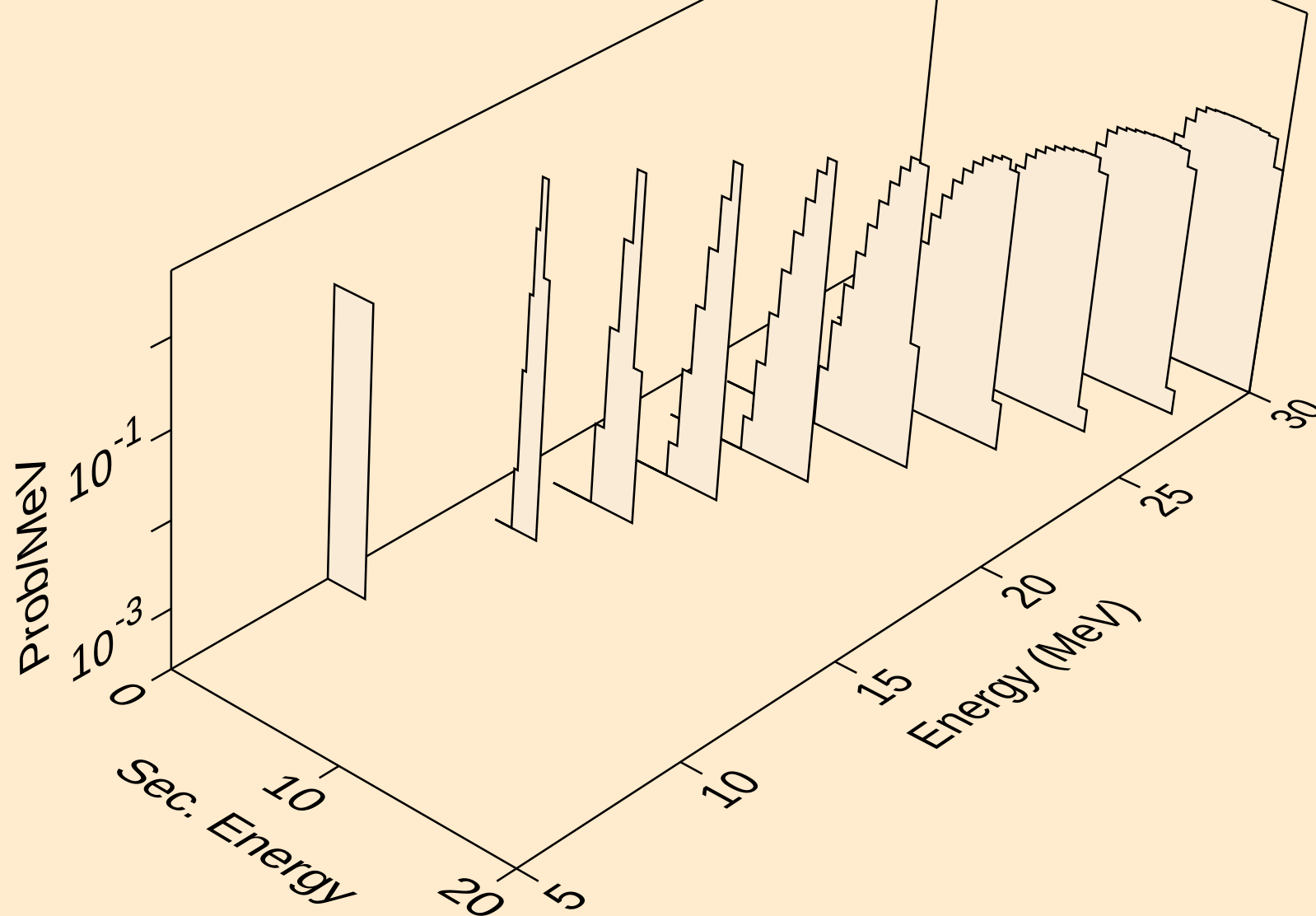
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deuterons from (n,d)



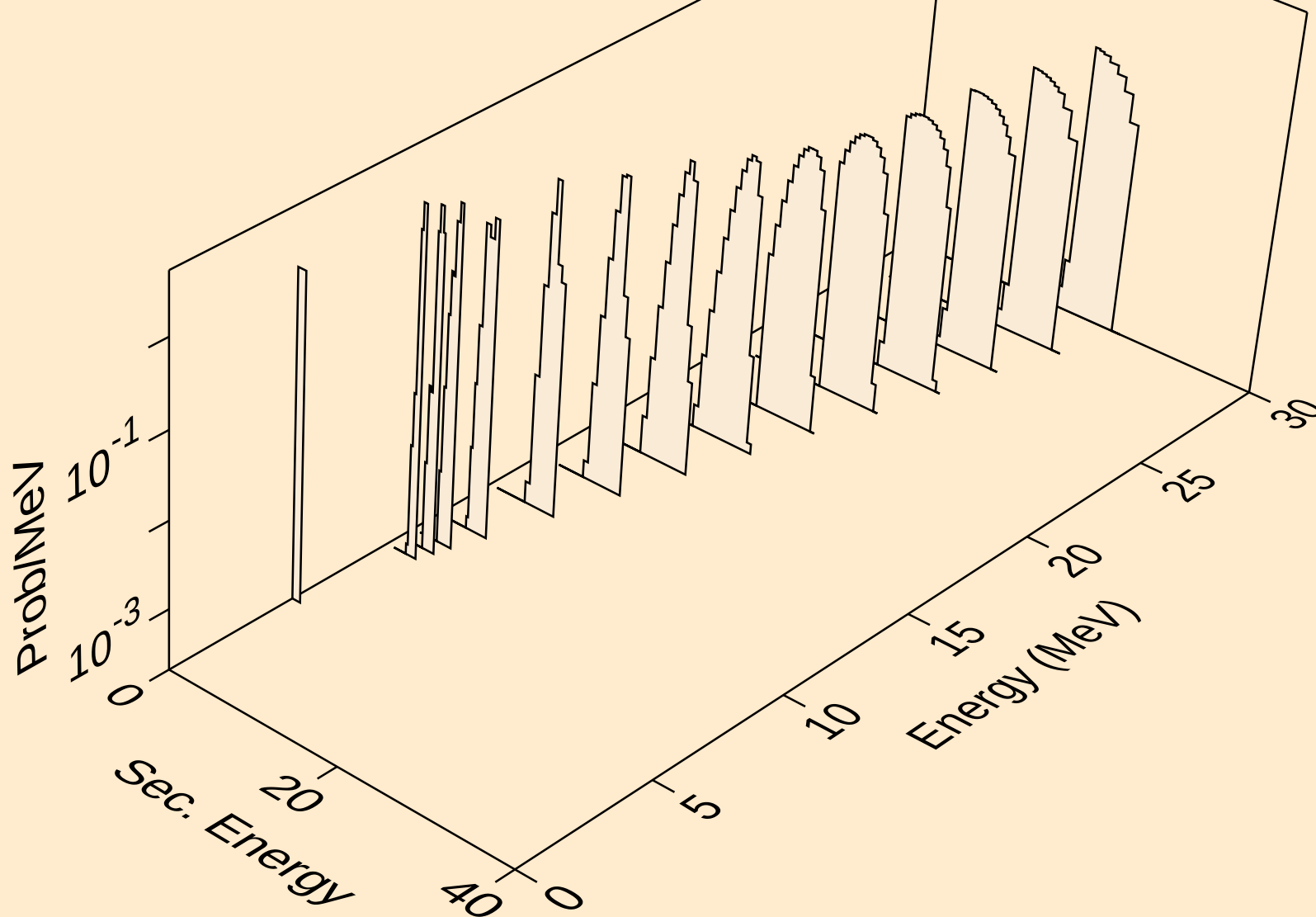
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



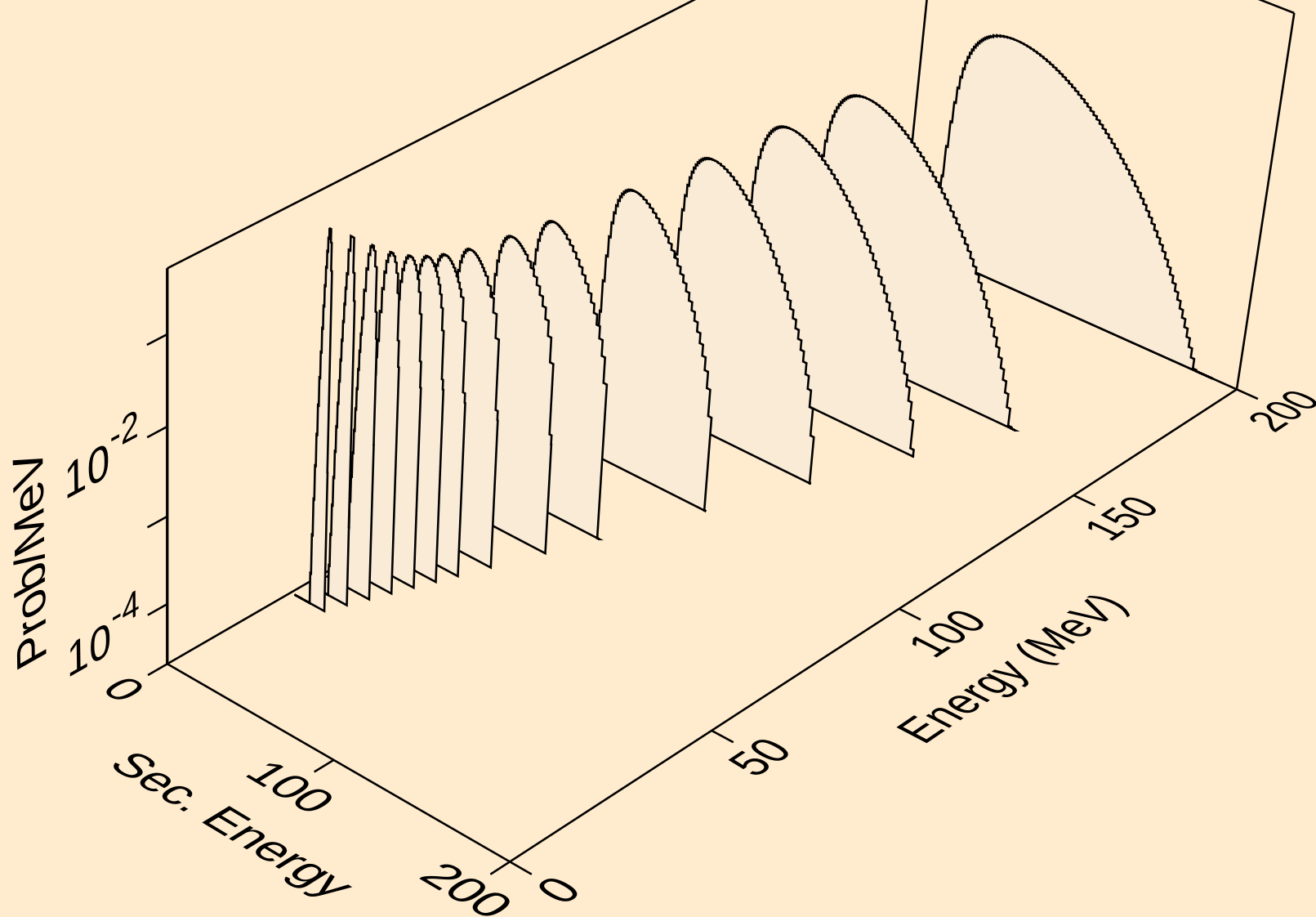
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



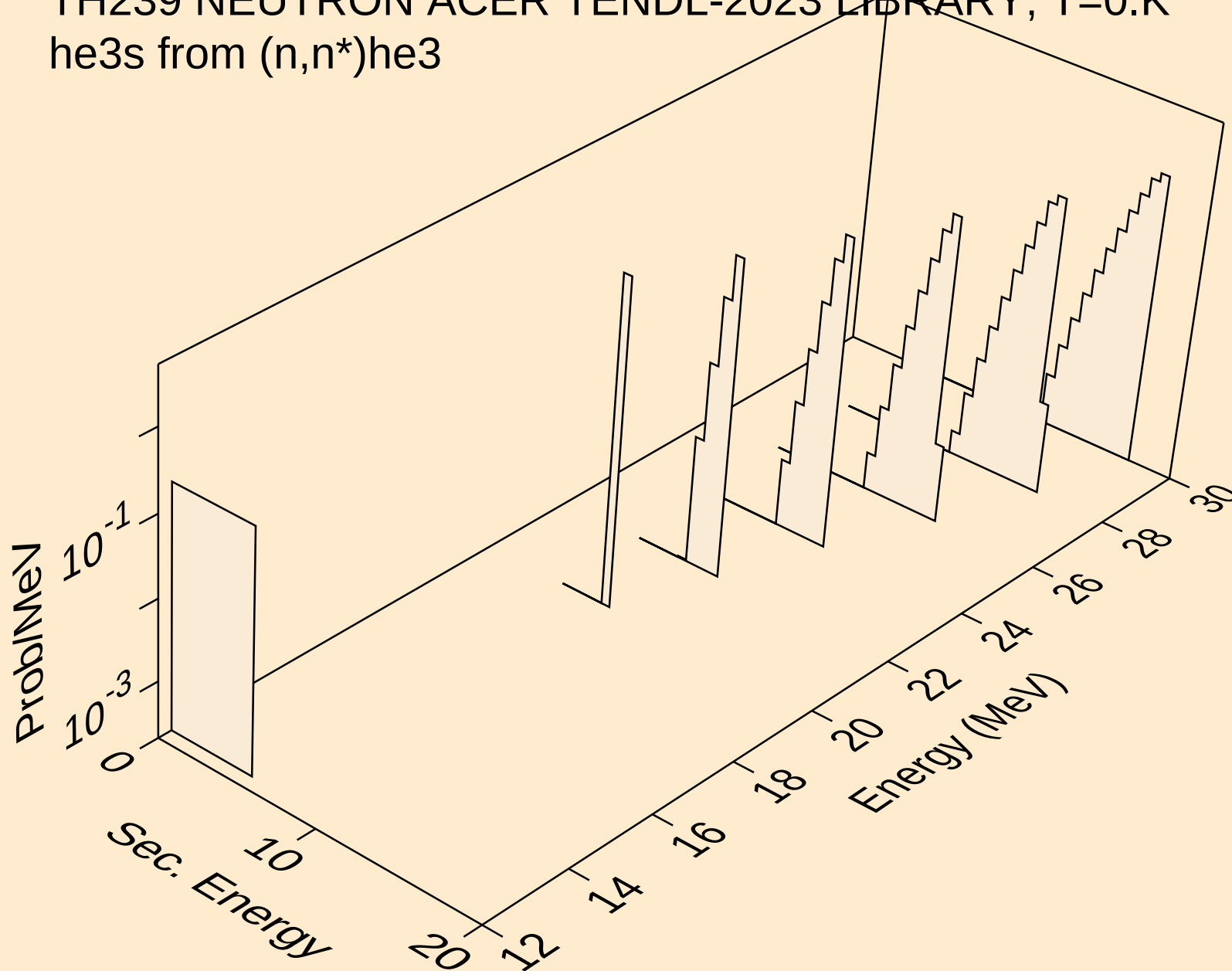
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tritons from (n,t)



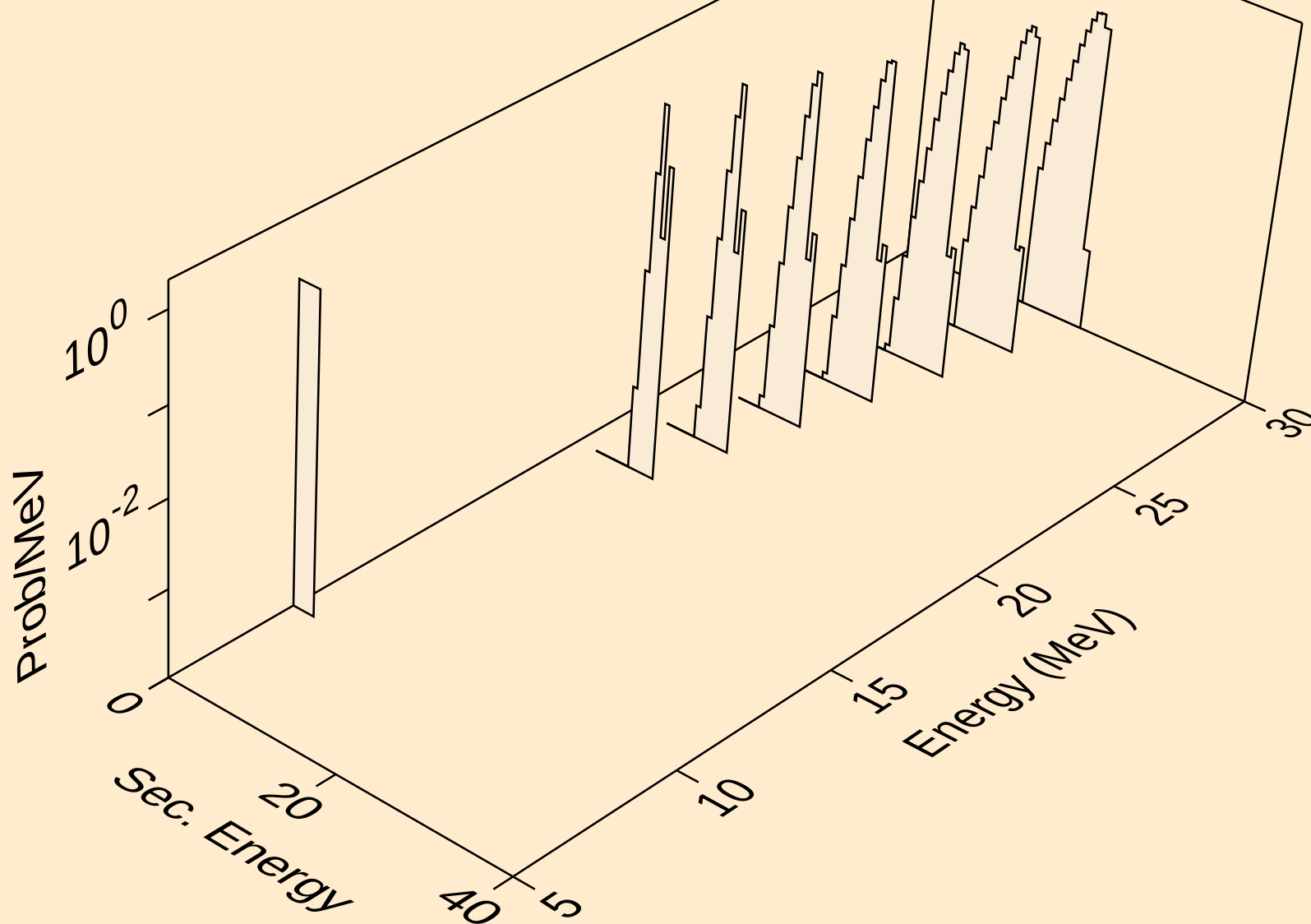
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



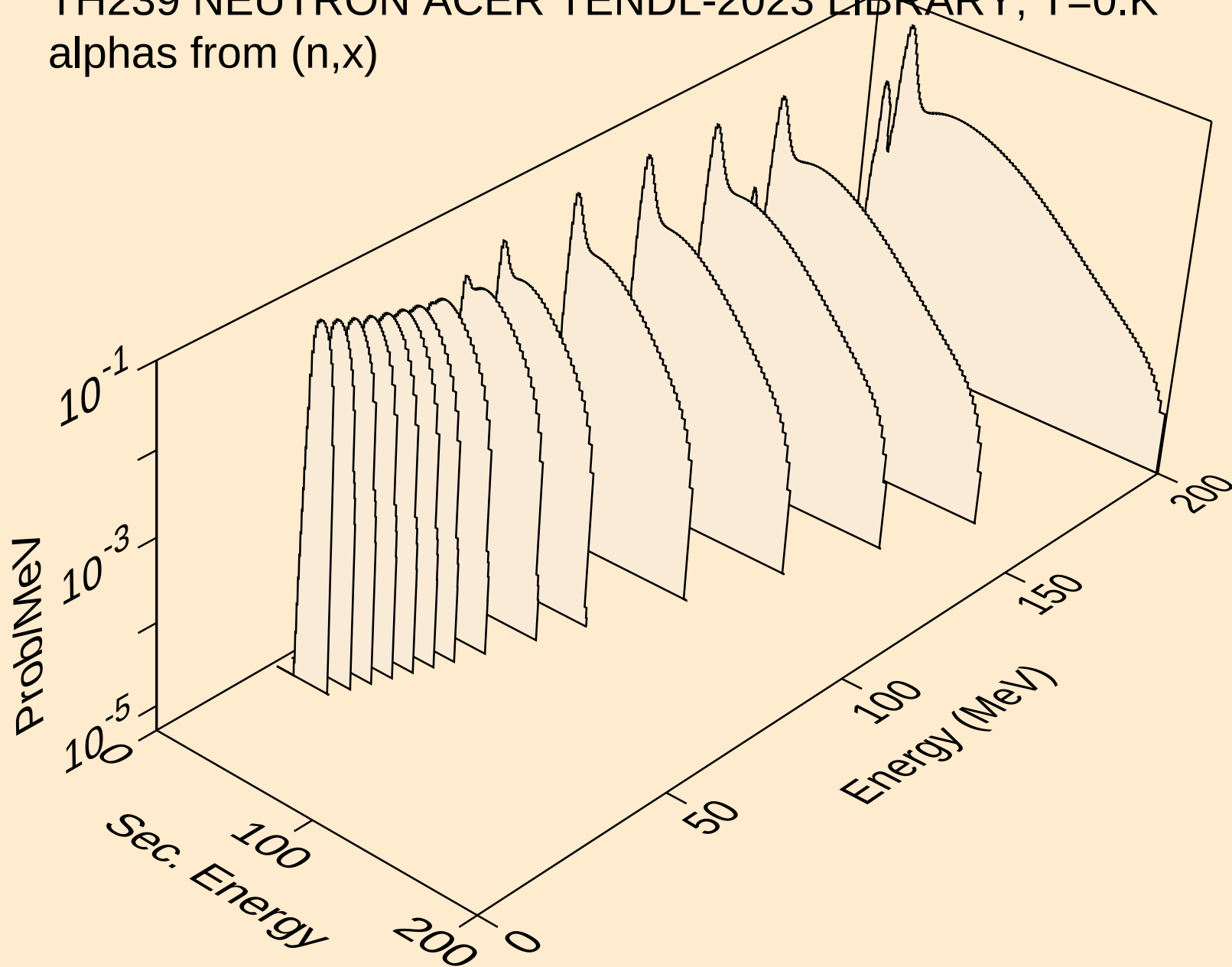
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



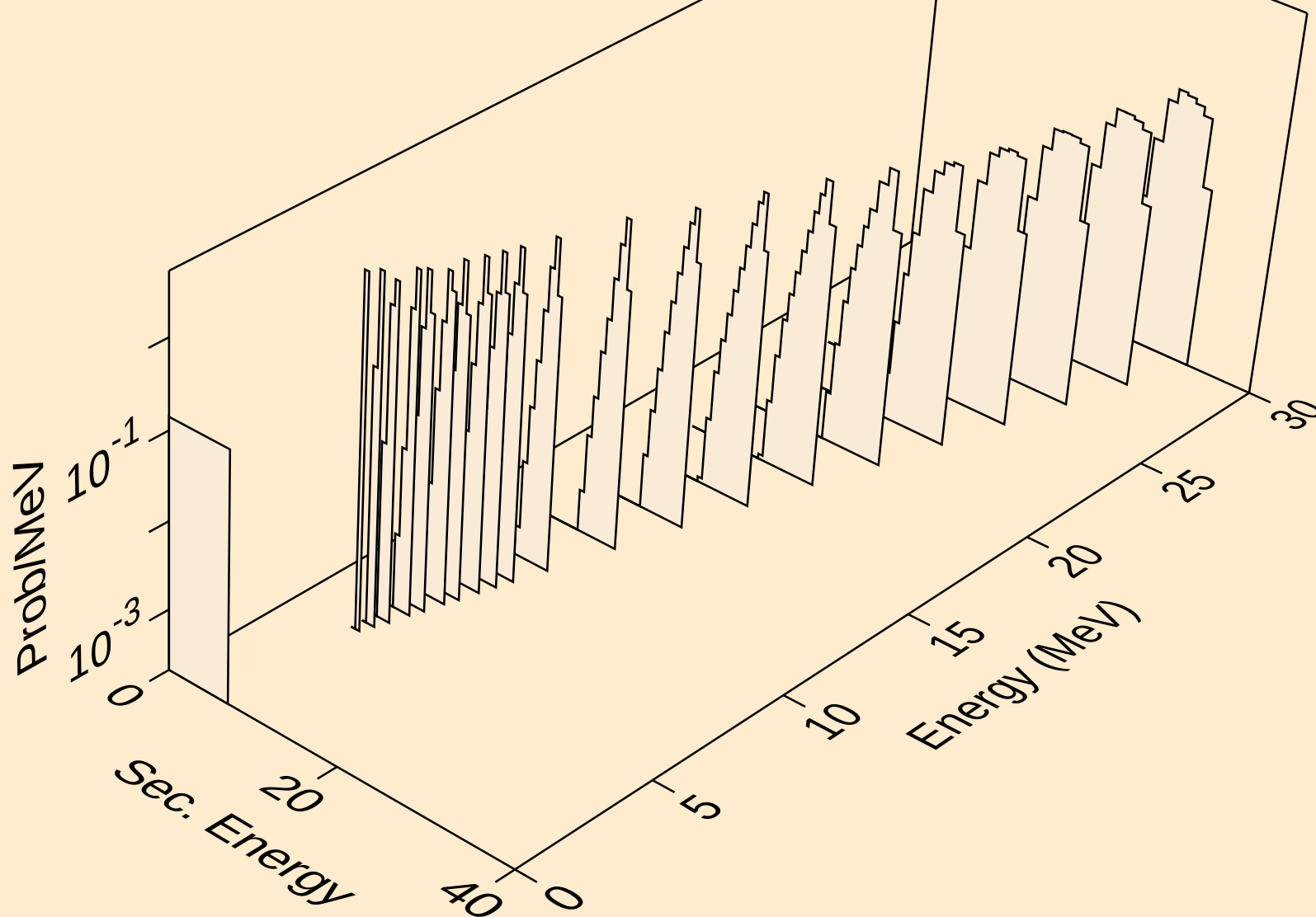
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



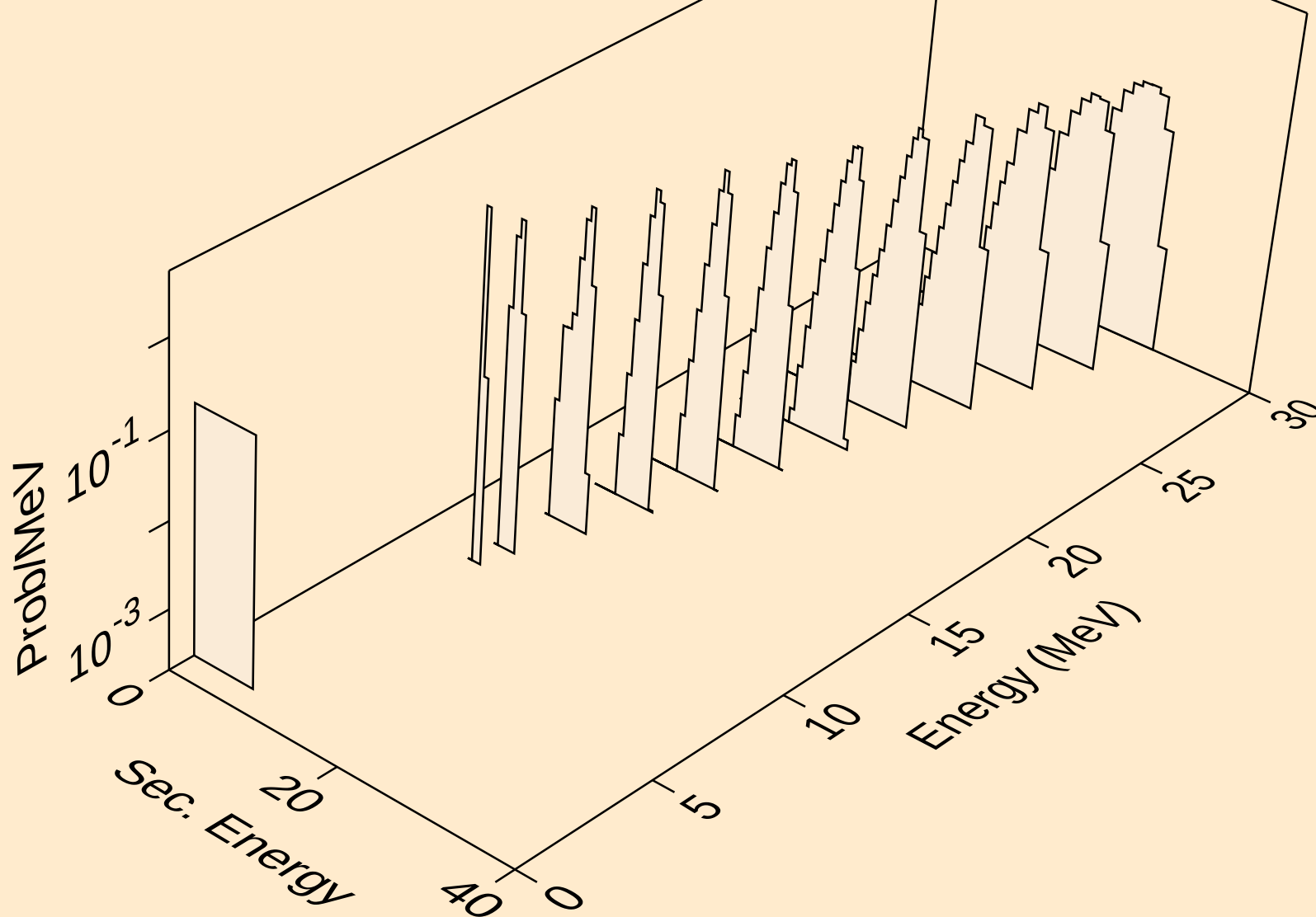
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



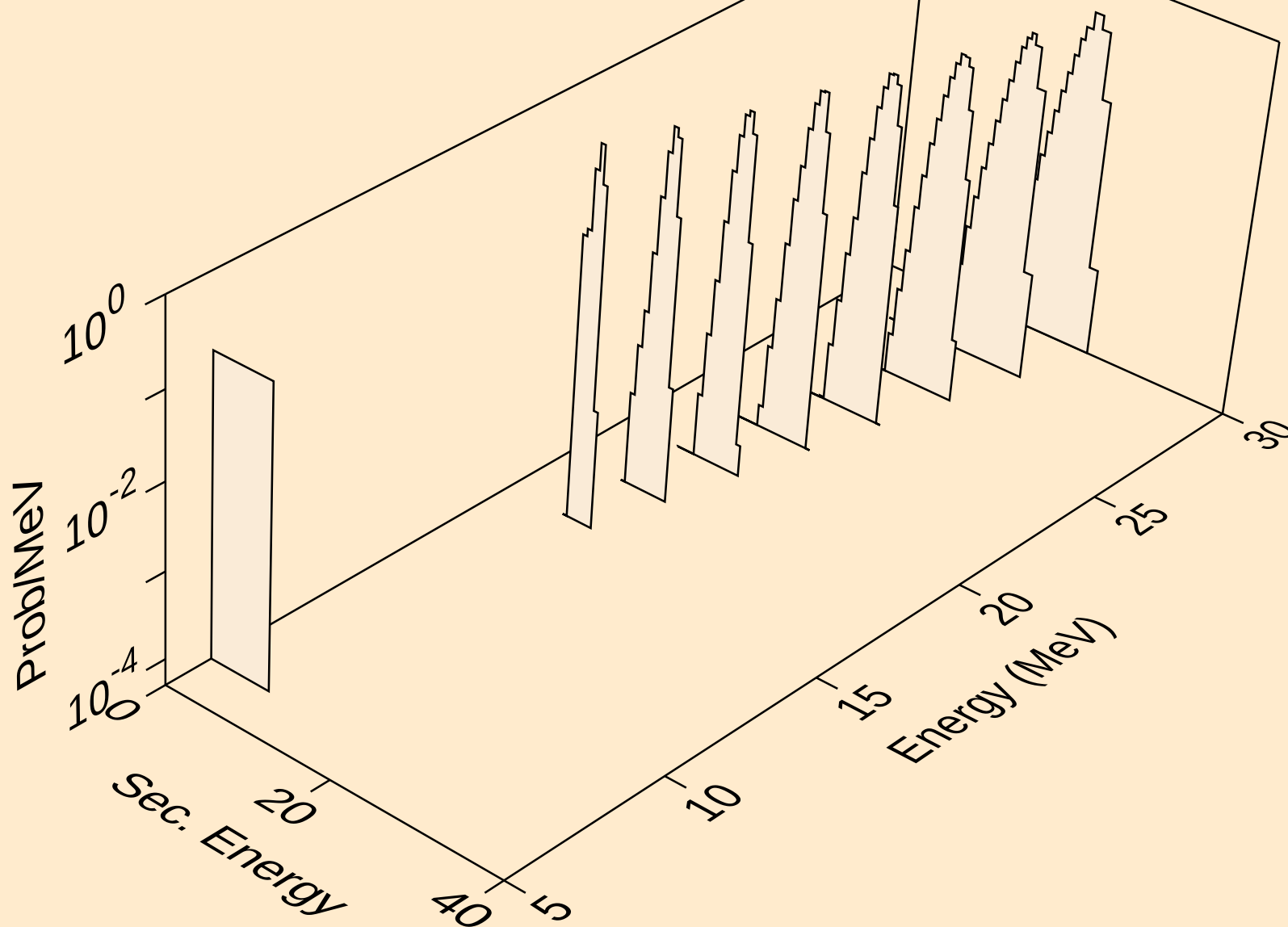
TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



TH239 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)

