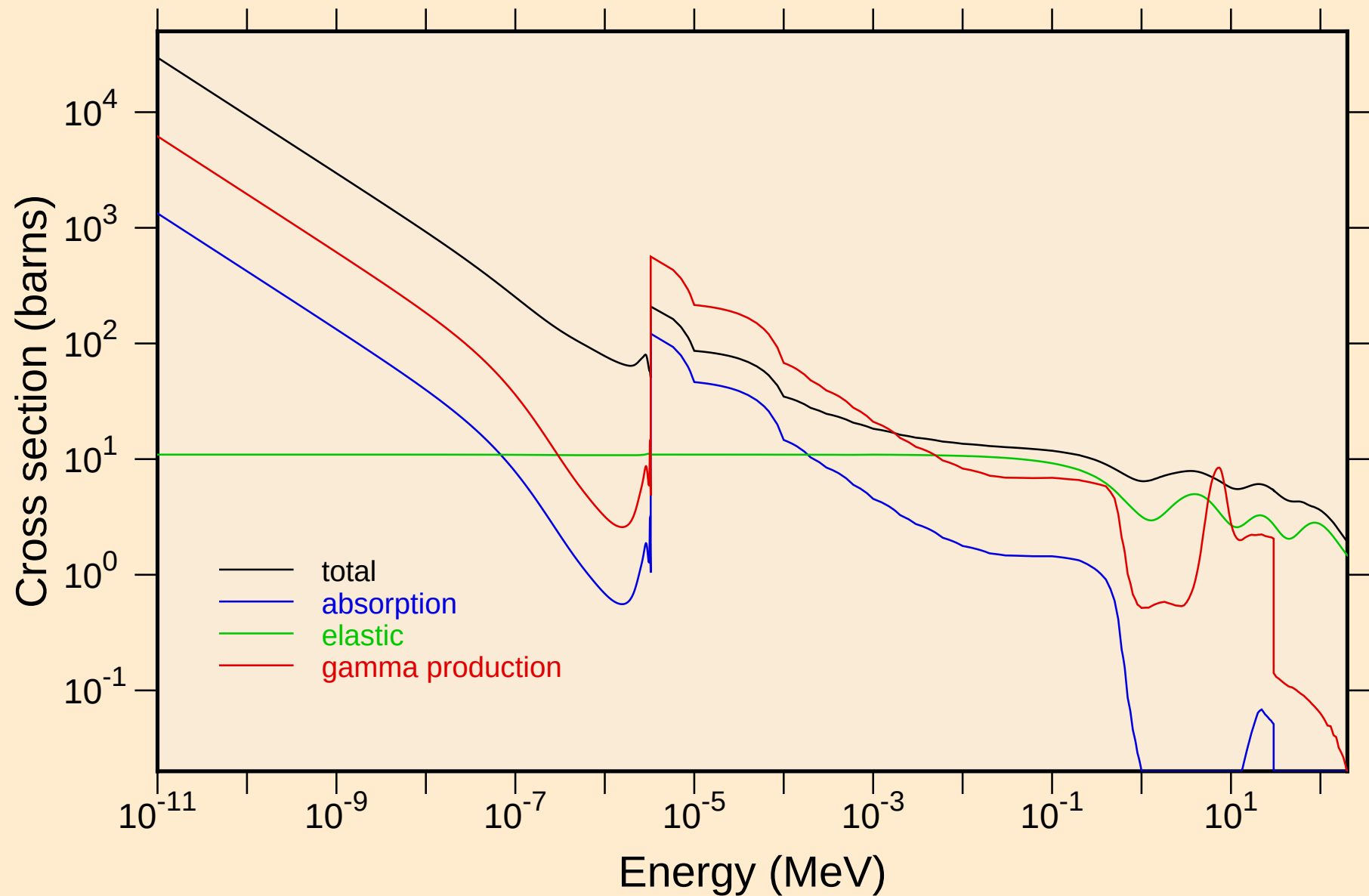


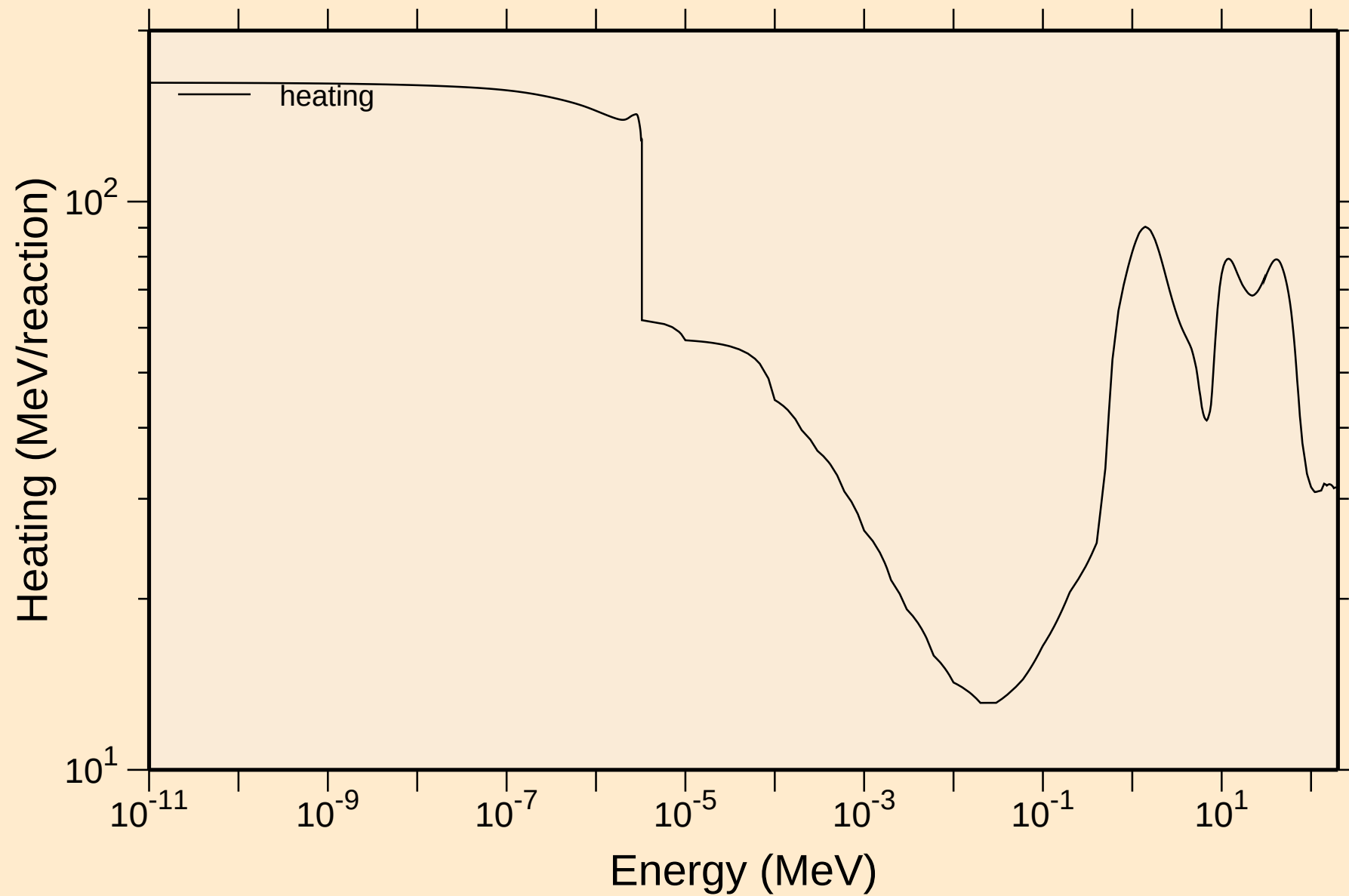
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



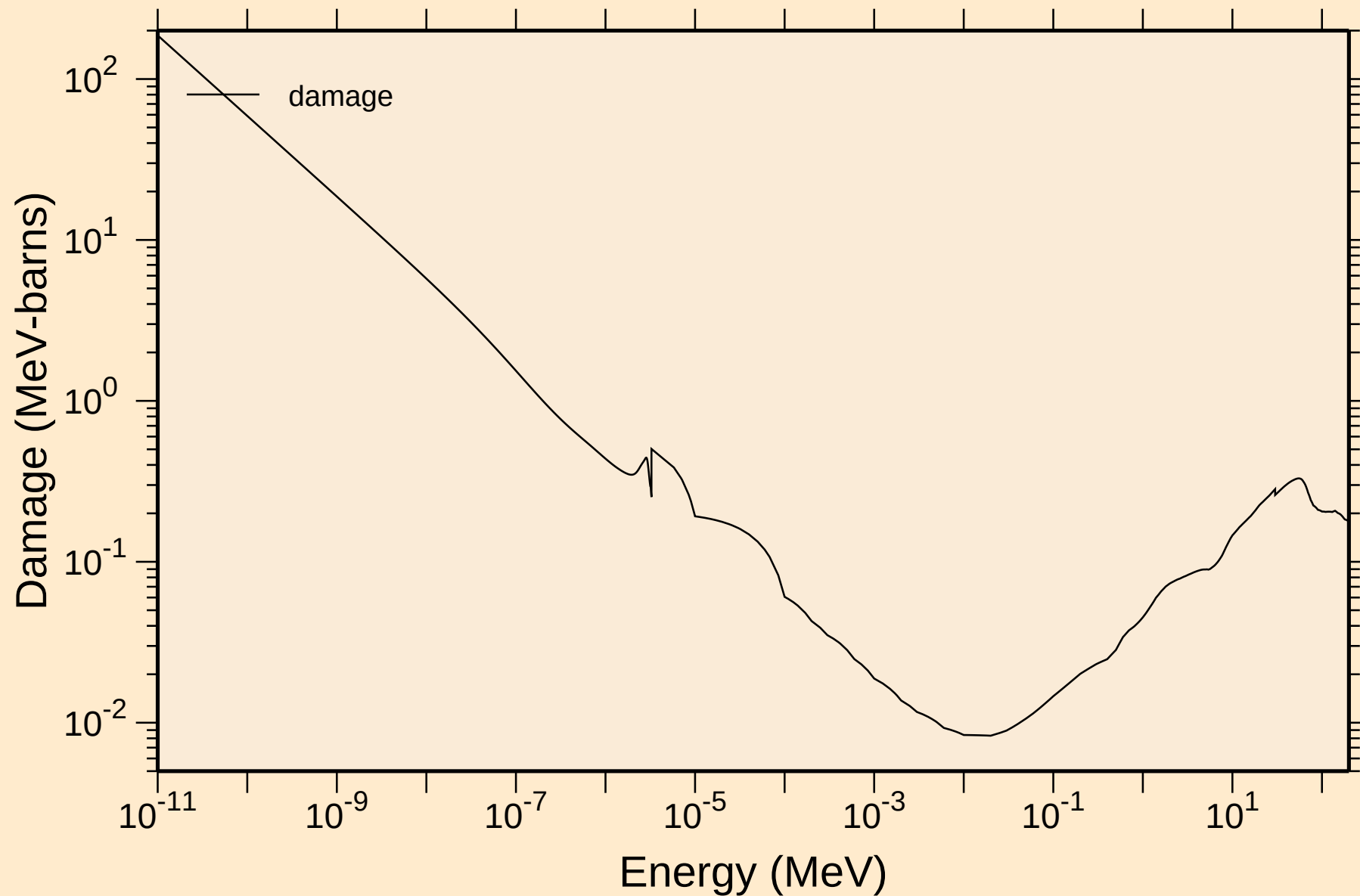
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

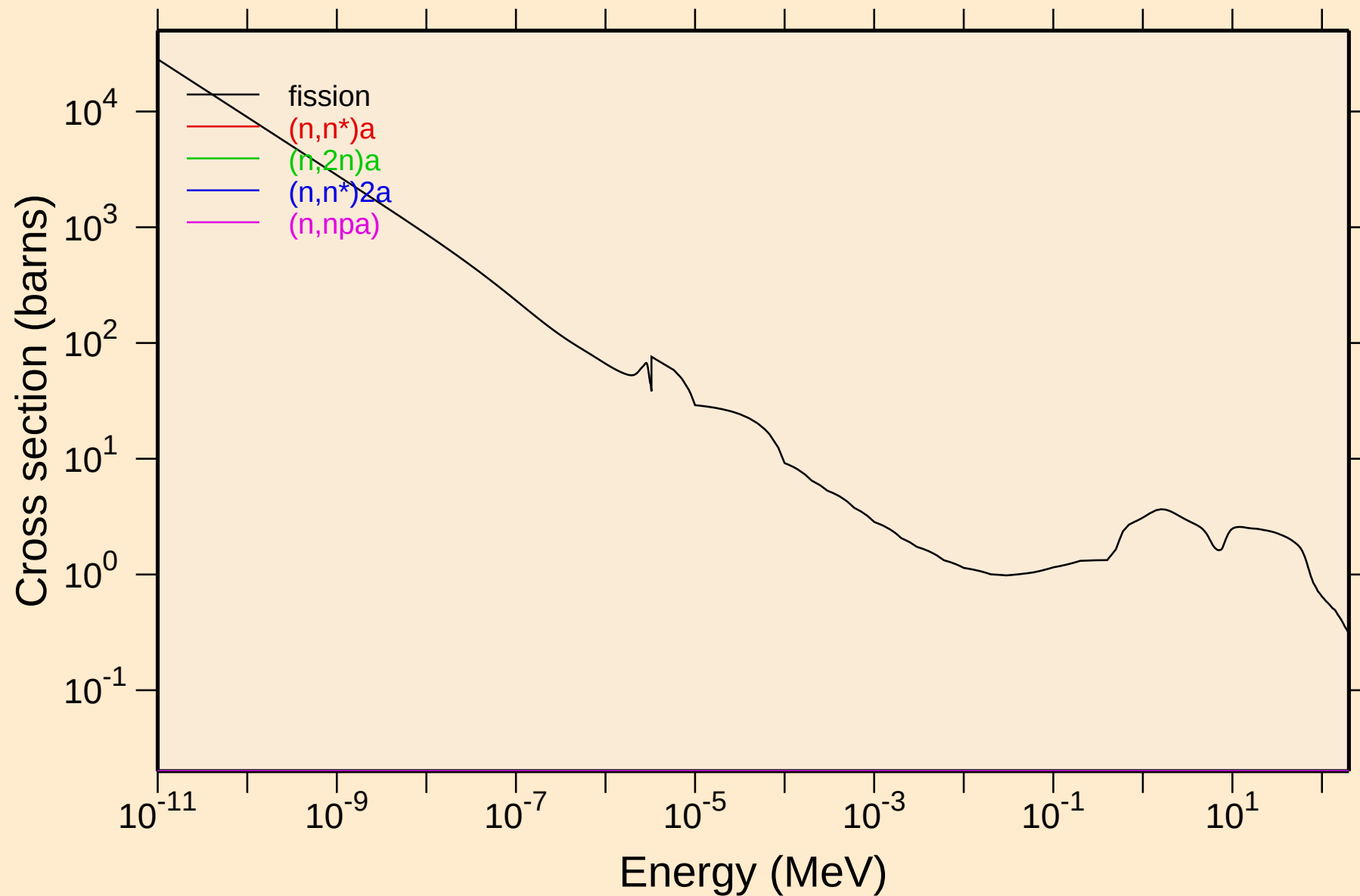


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

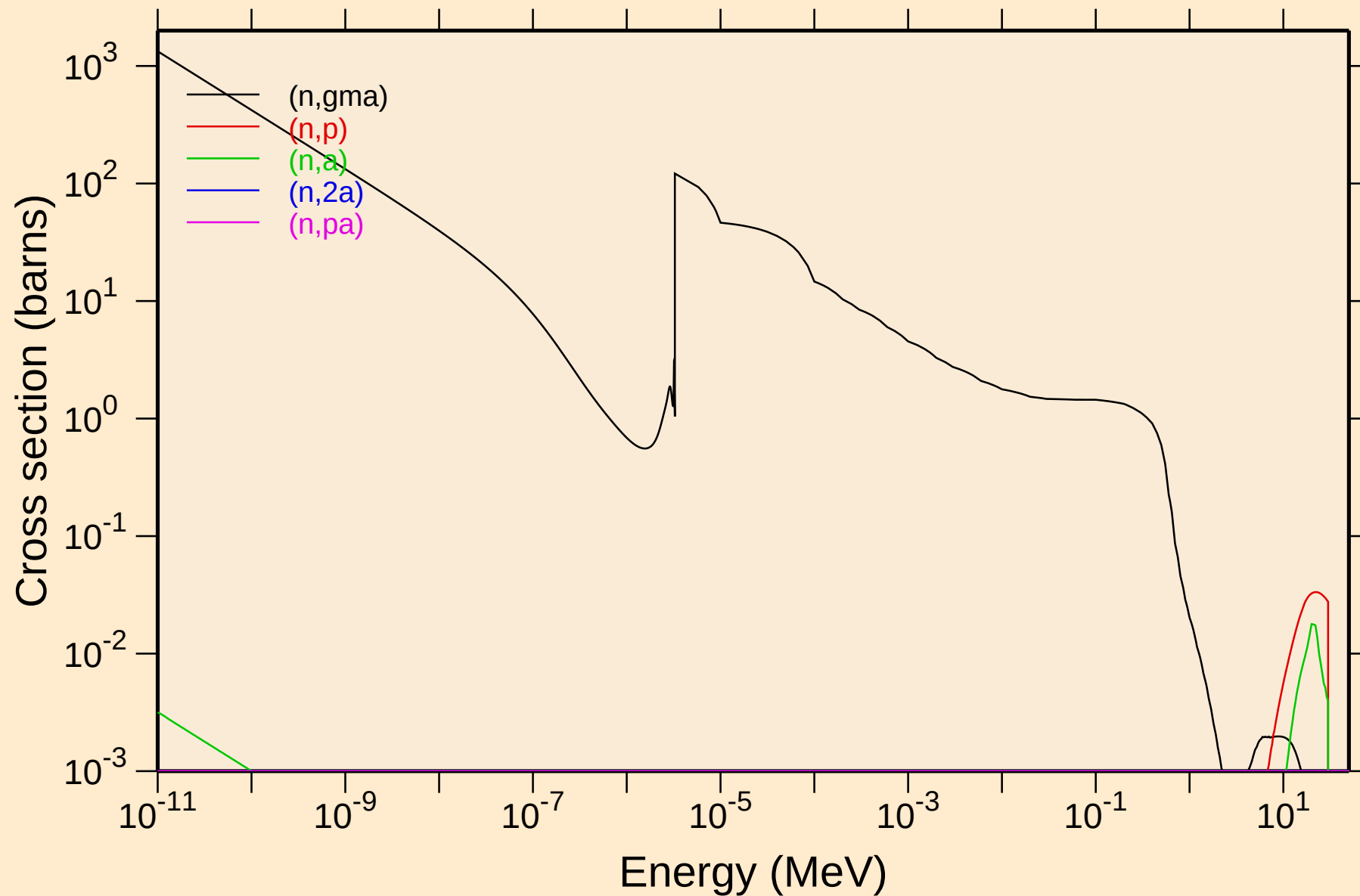
Damage



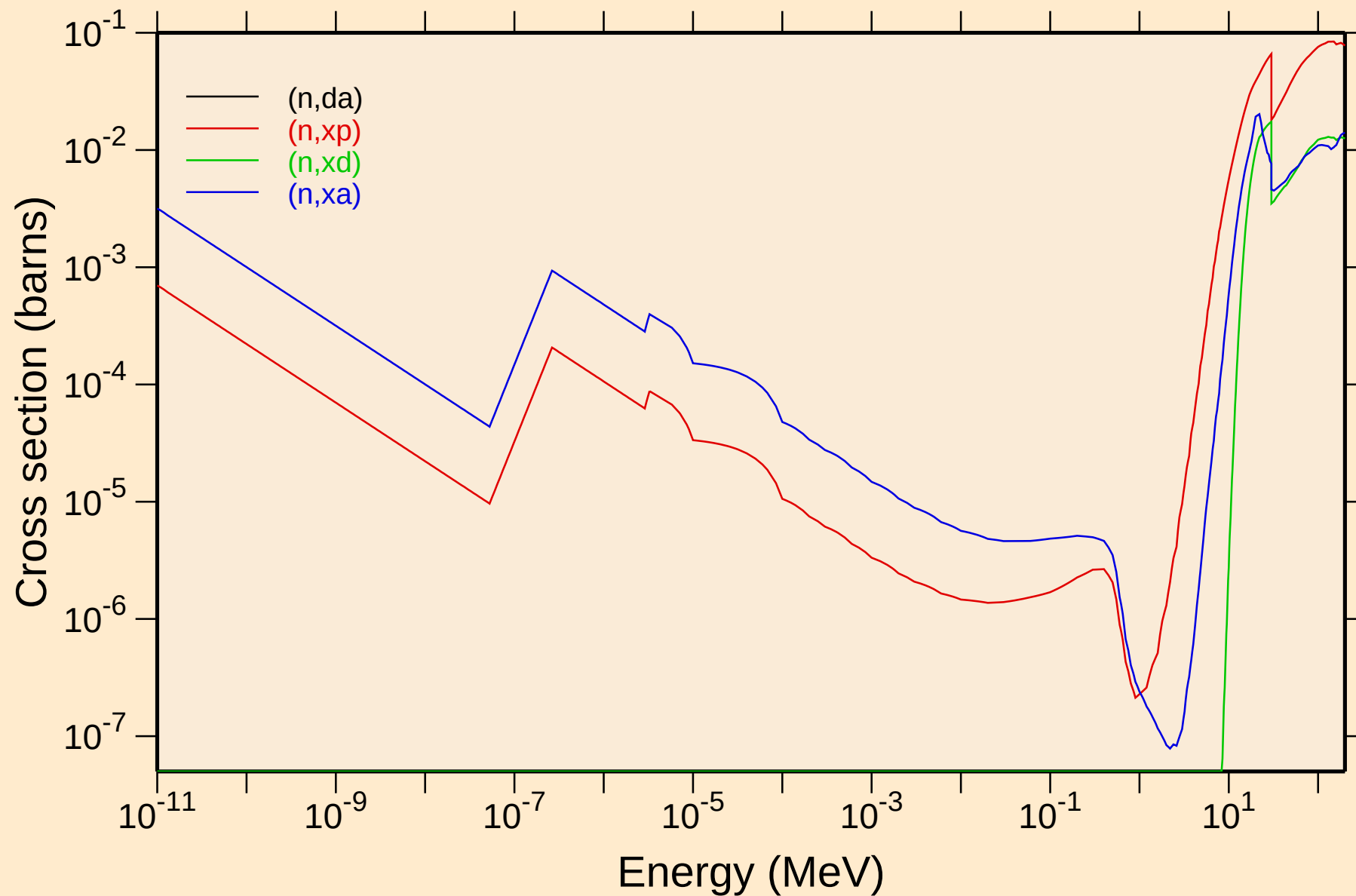
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

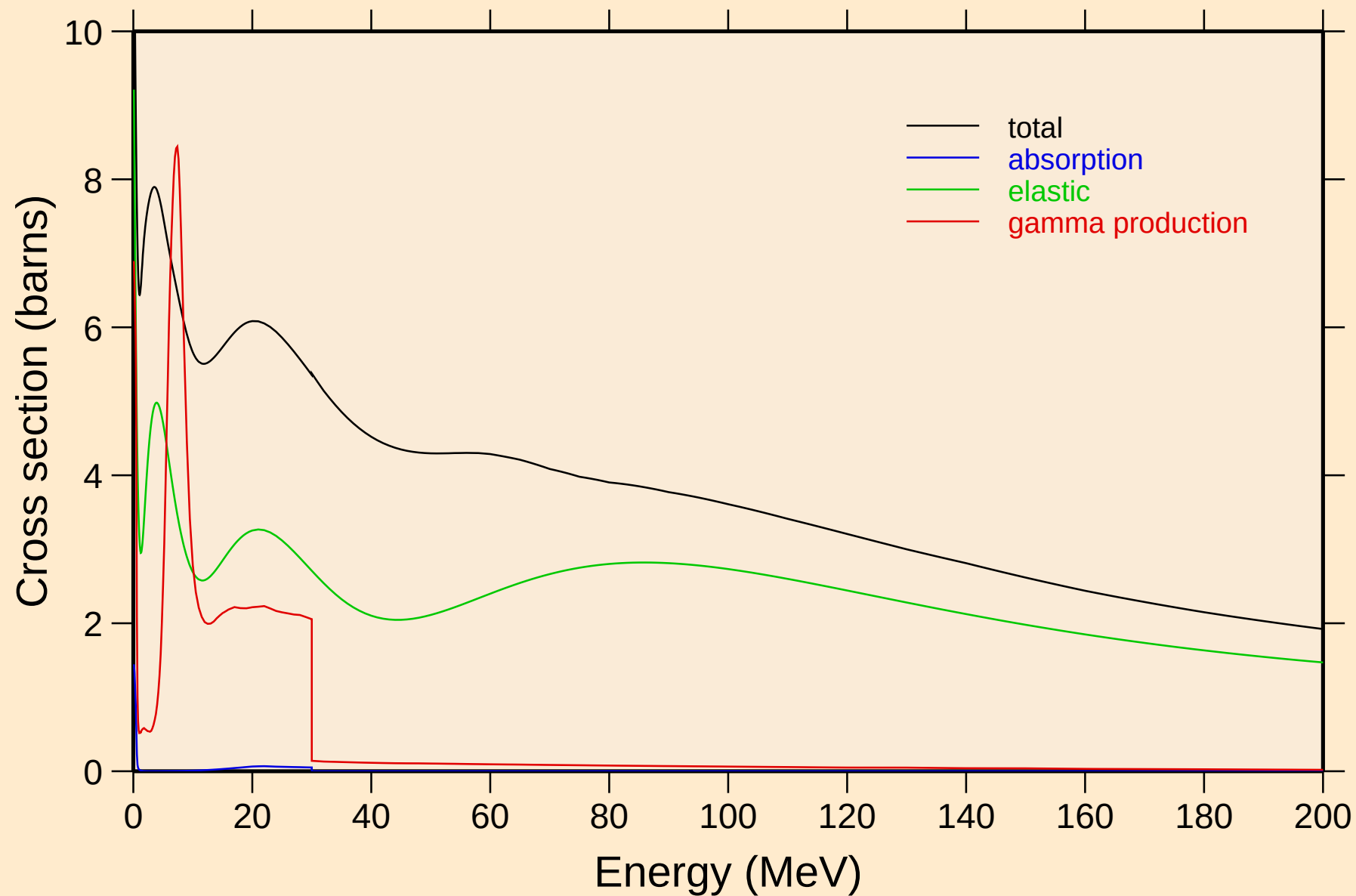


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



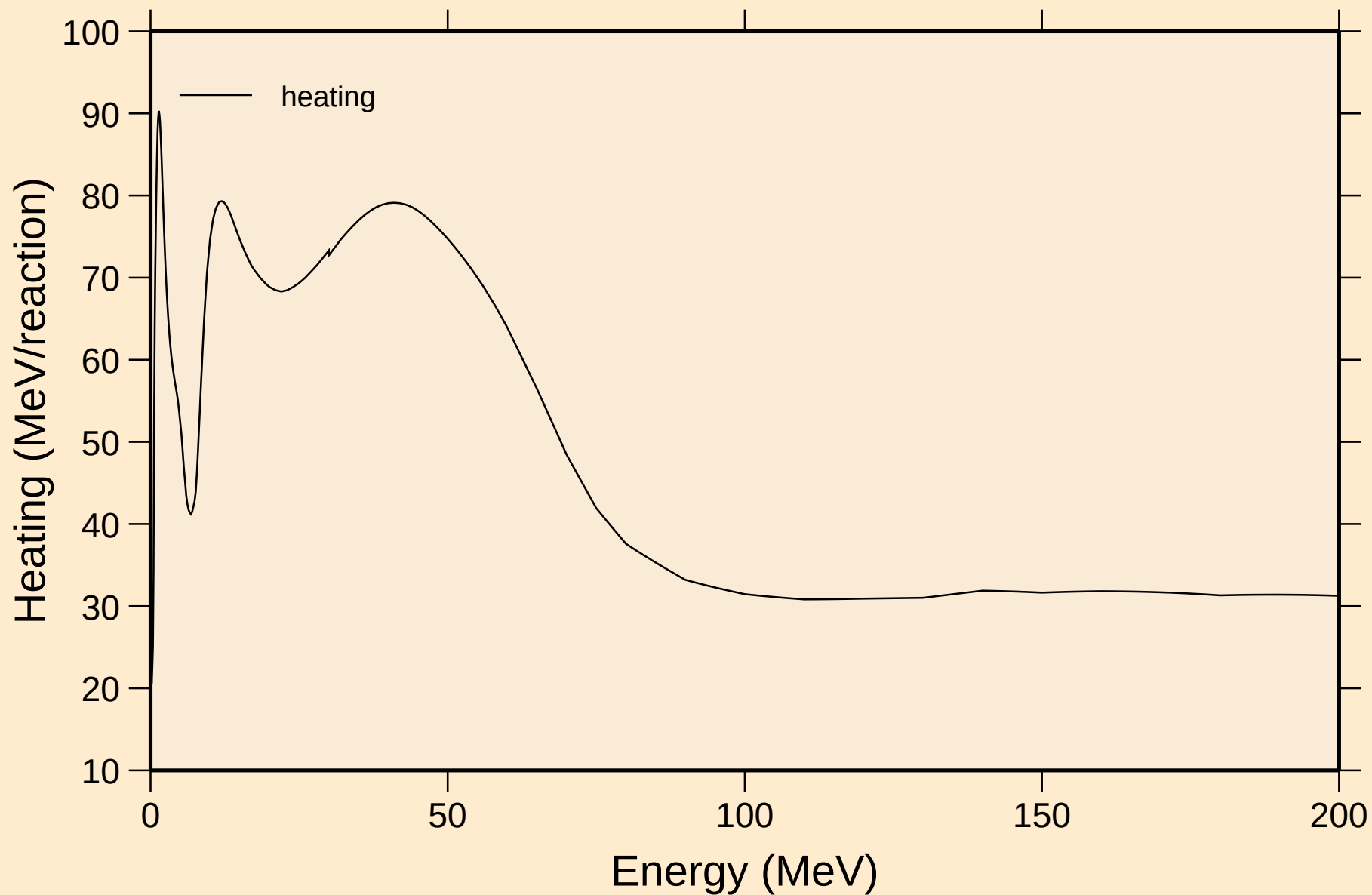
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



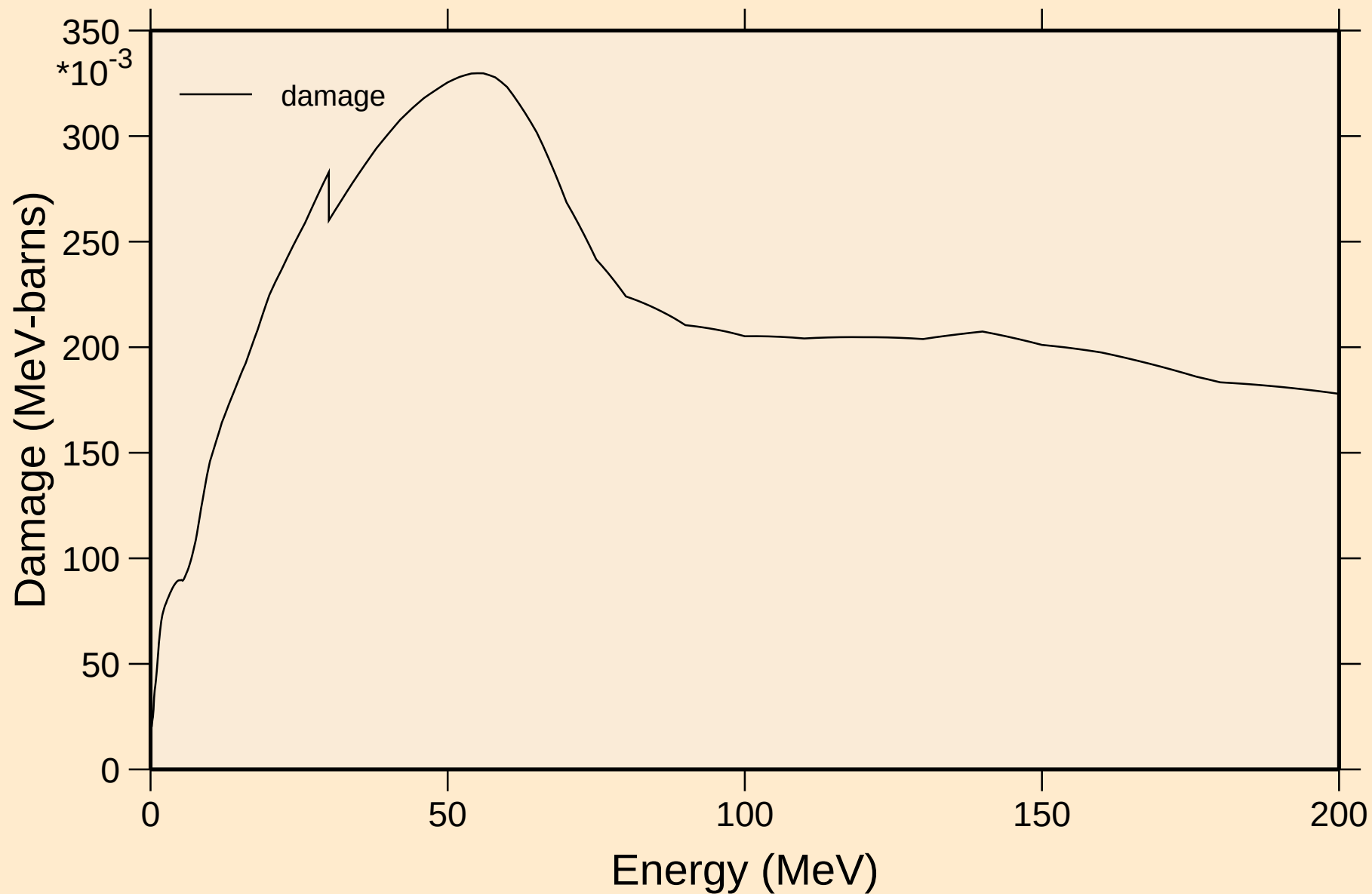
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

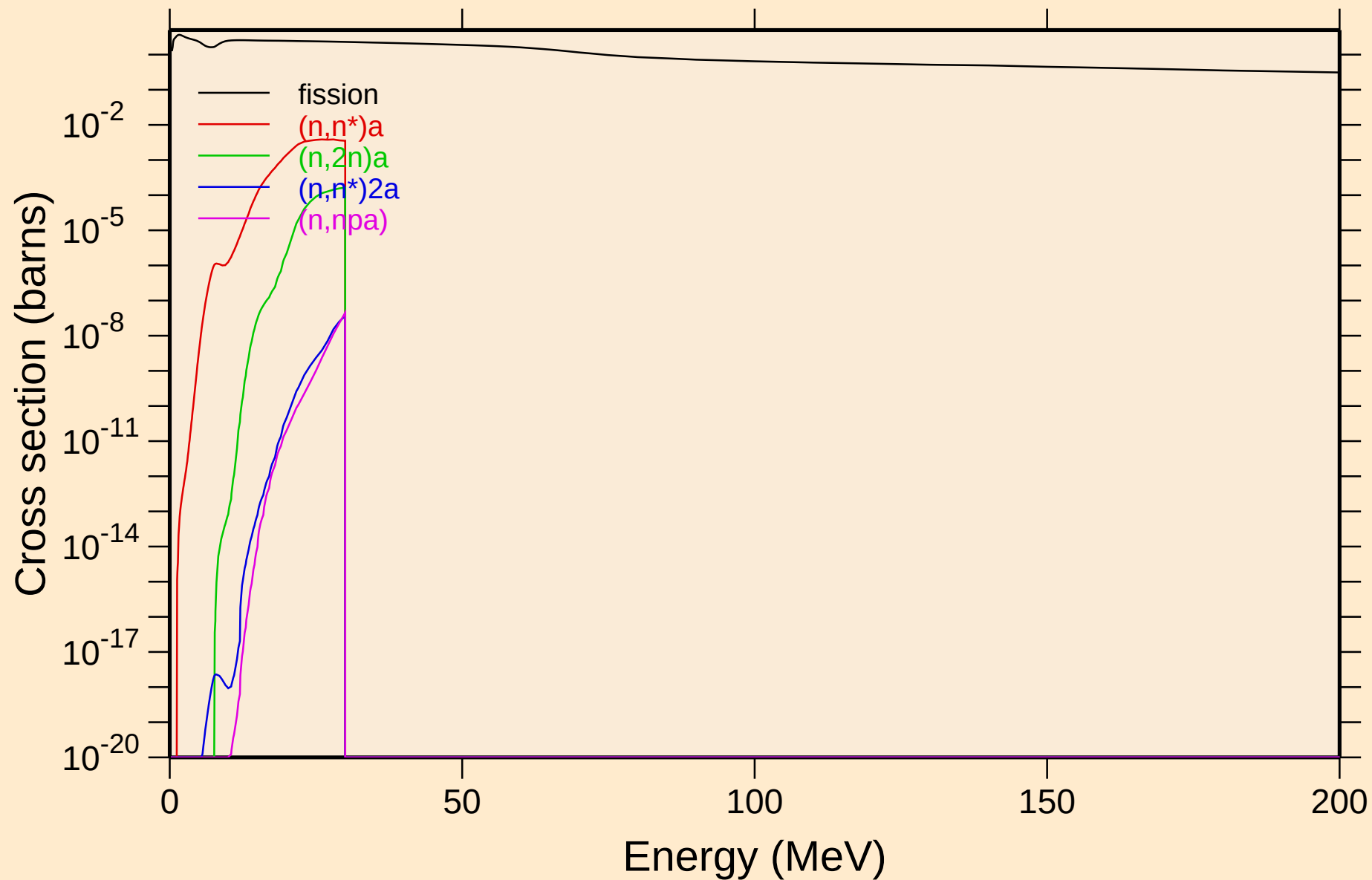


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

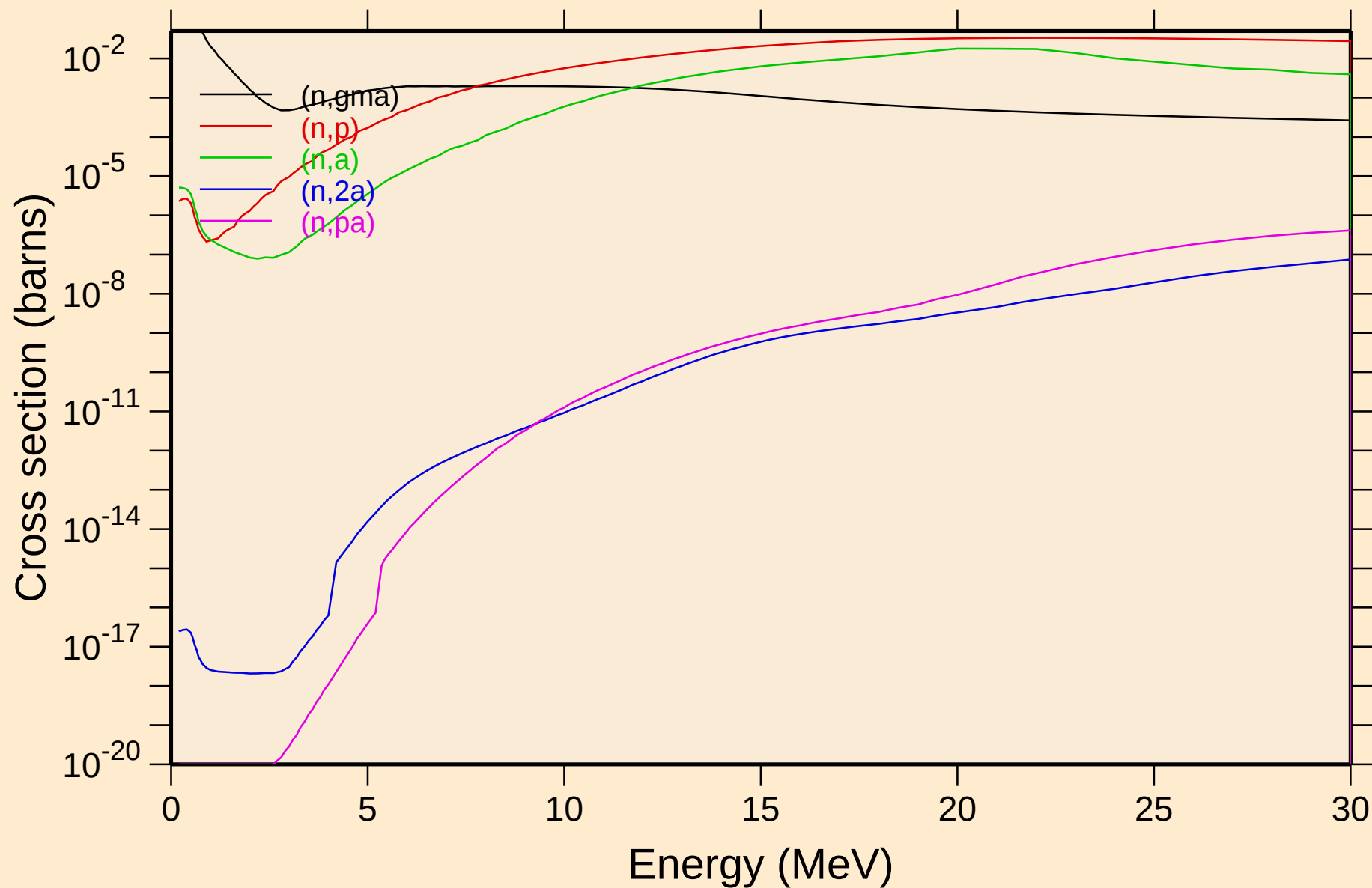
Damage



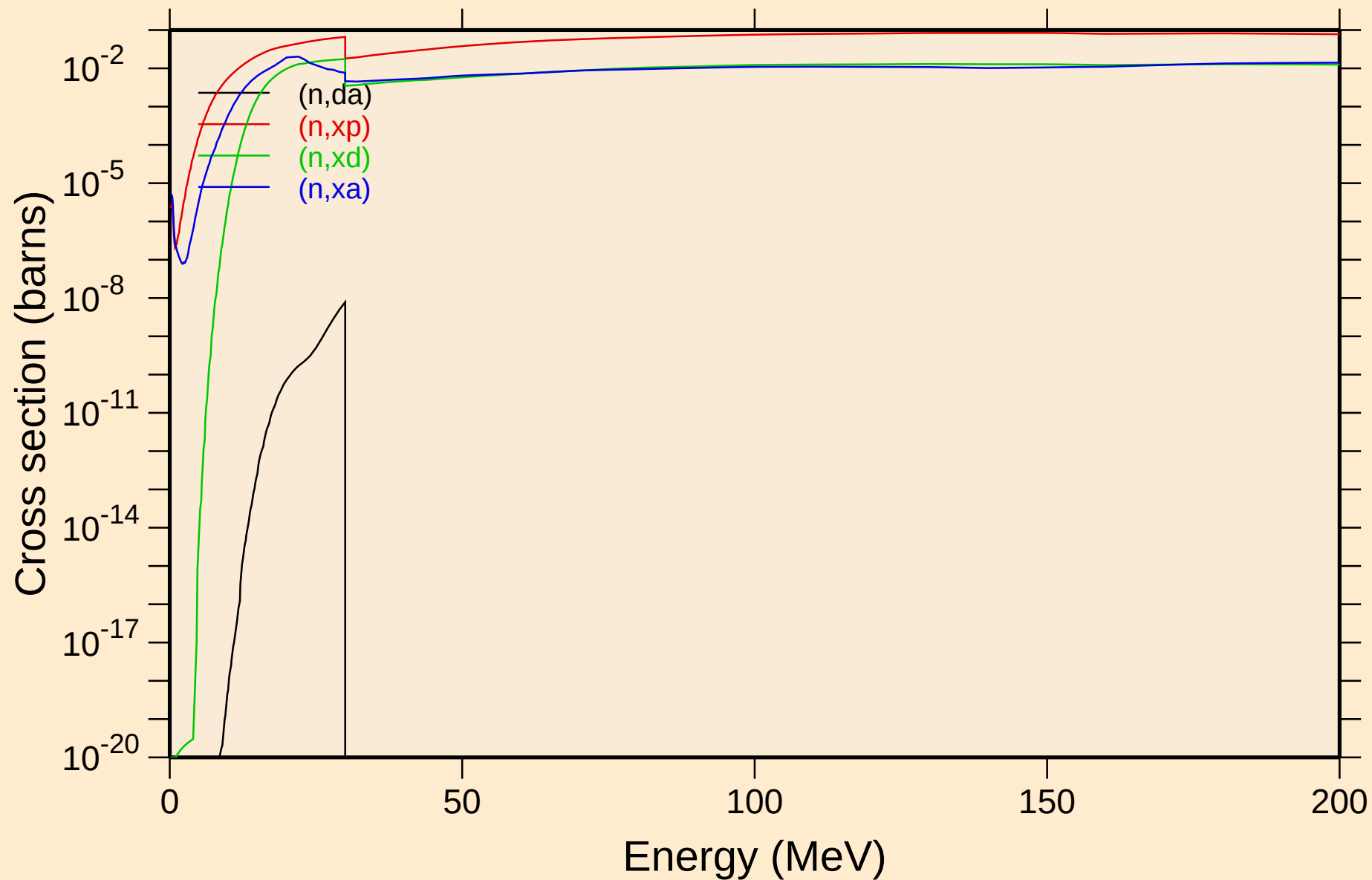
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

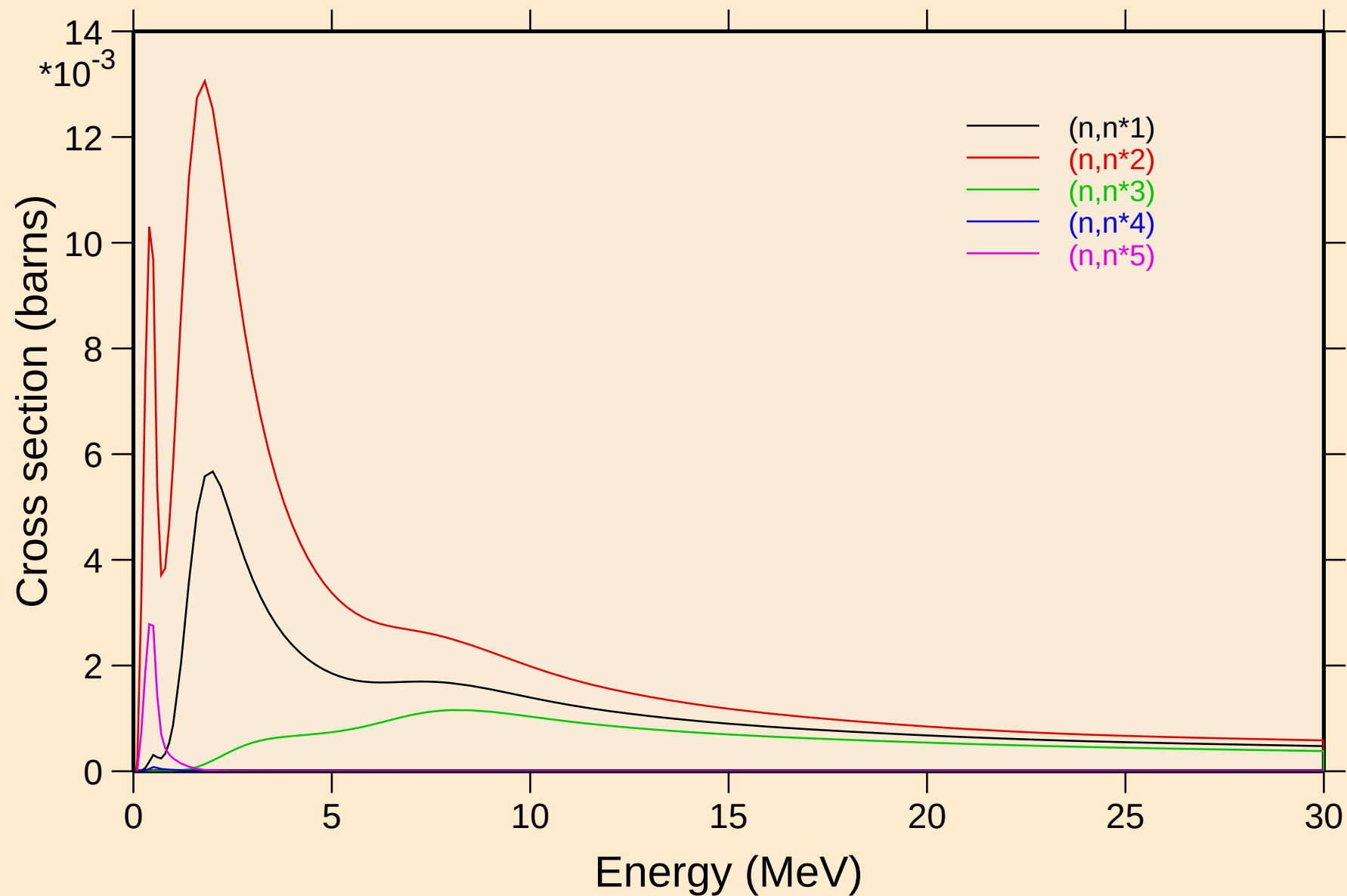


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



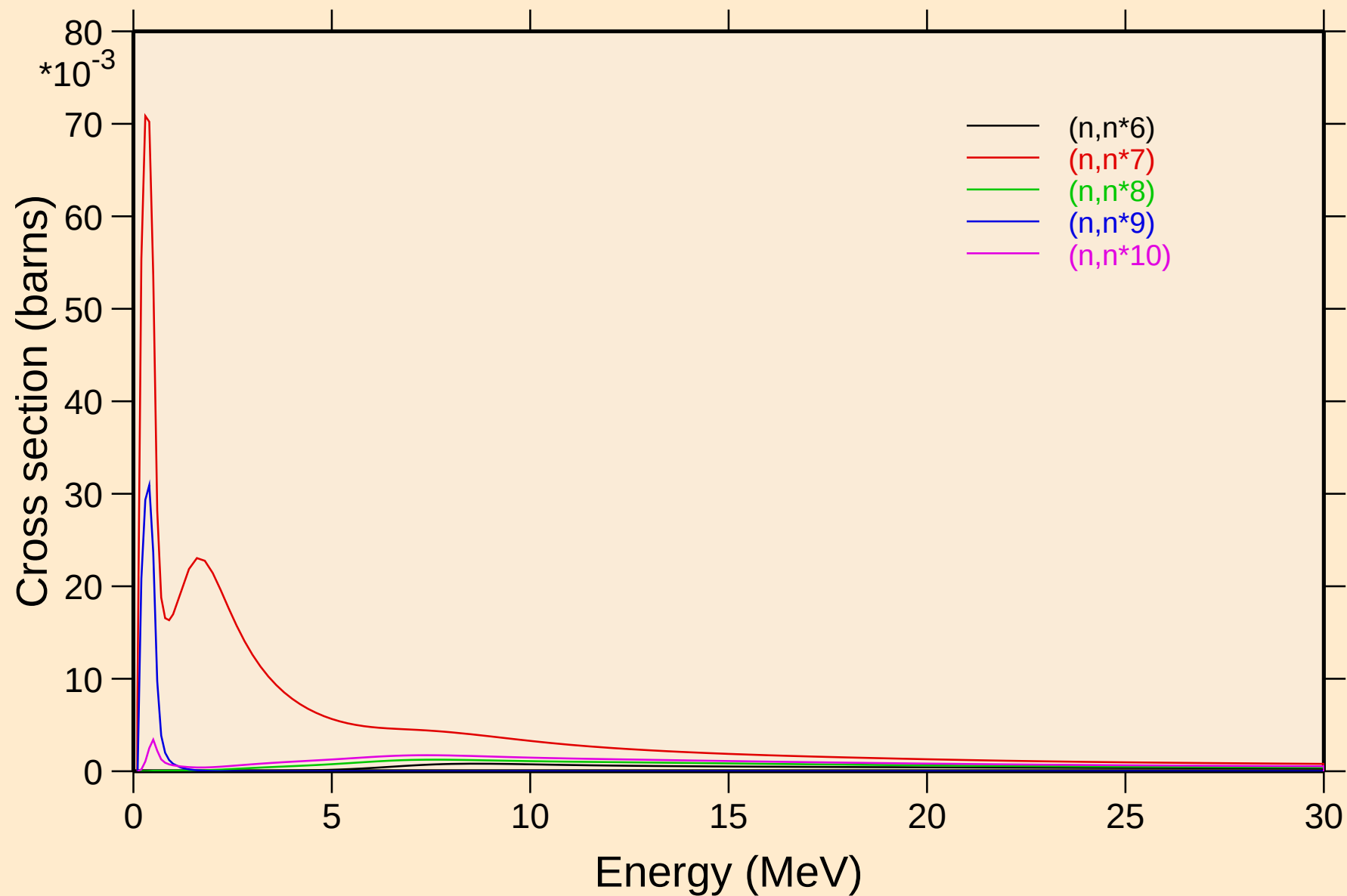
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



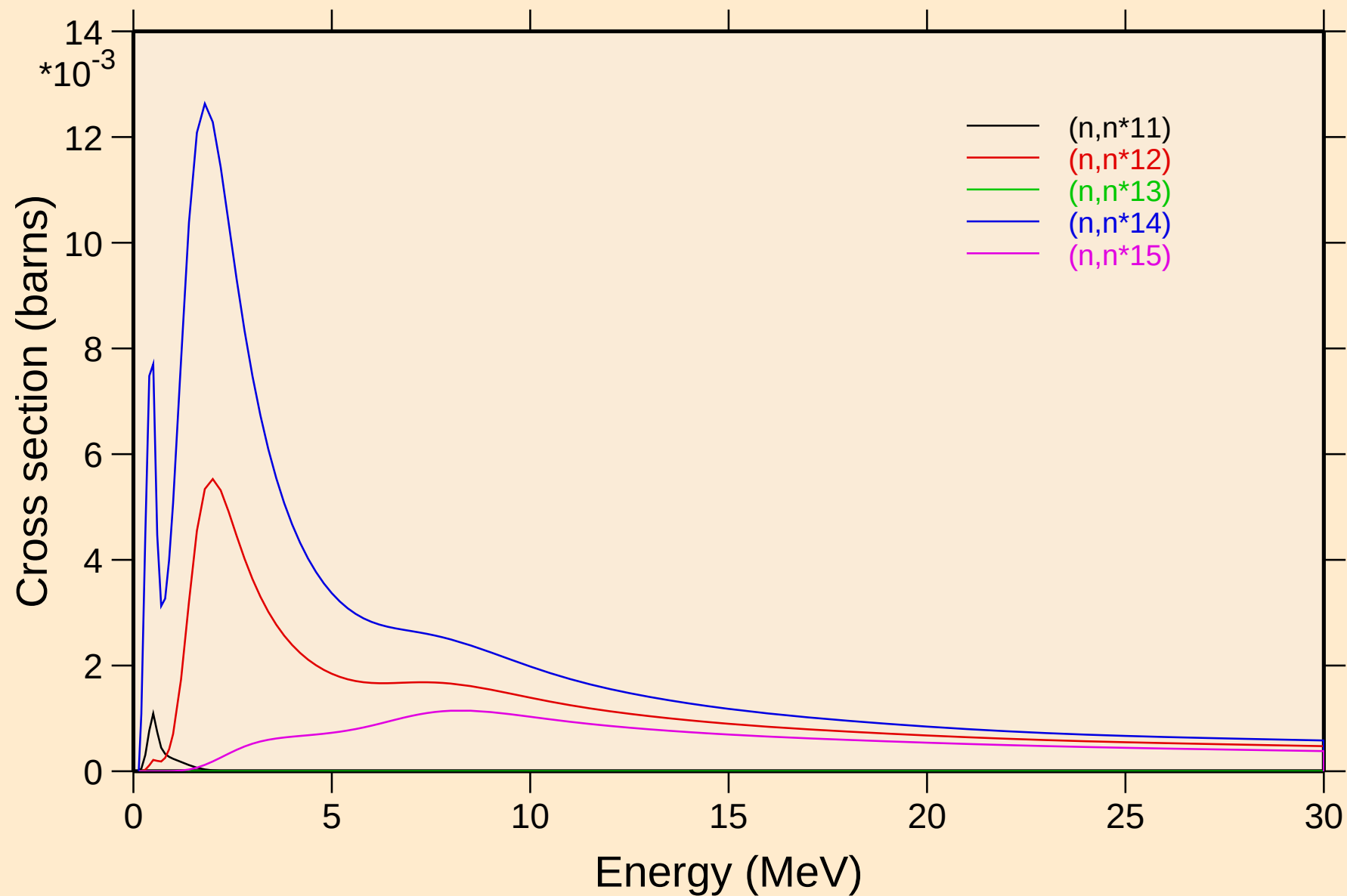
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



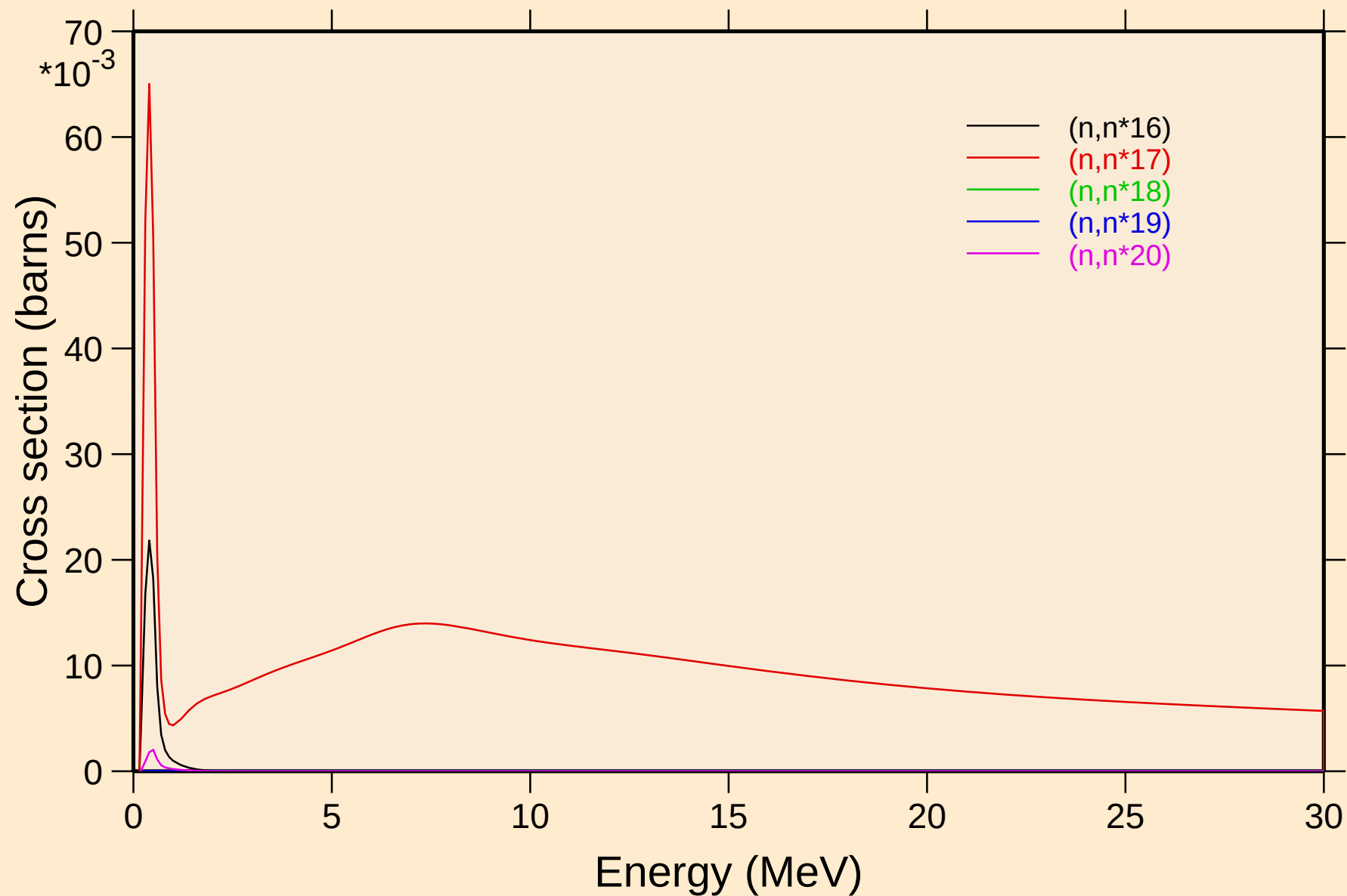
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



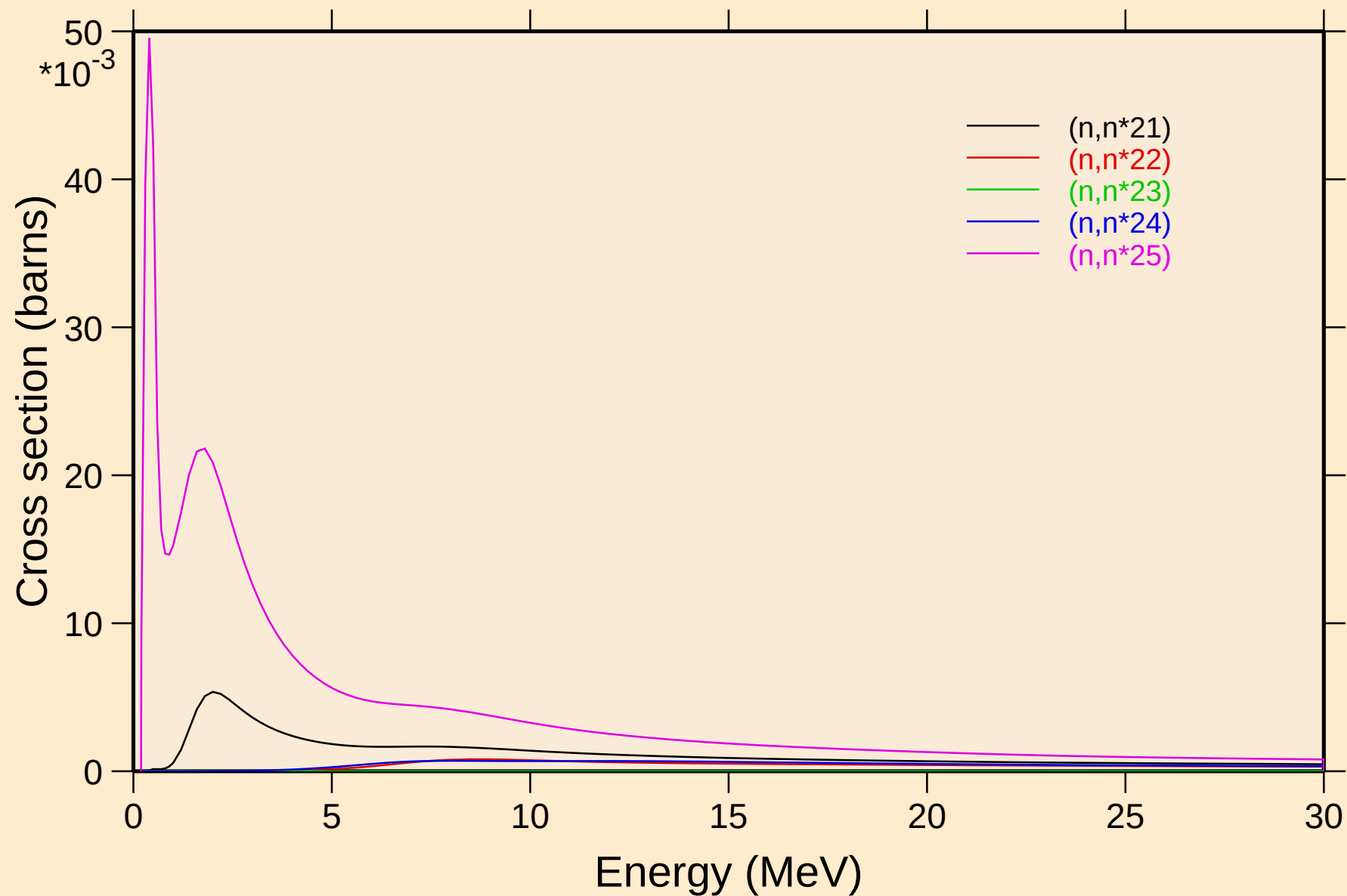
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



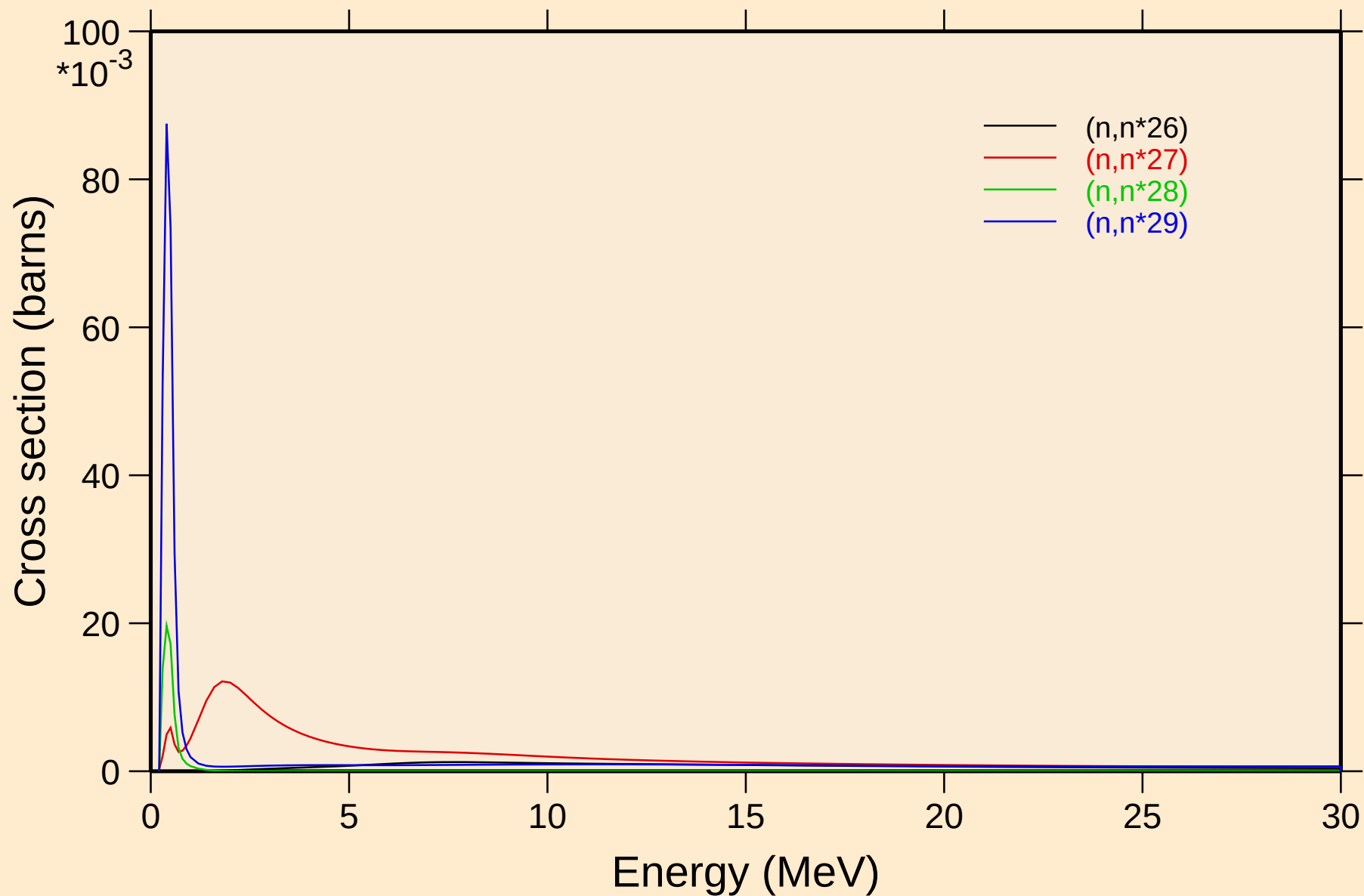
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



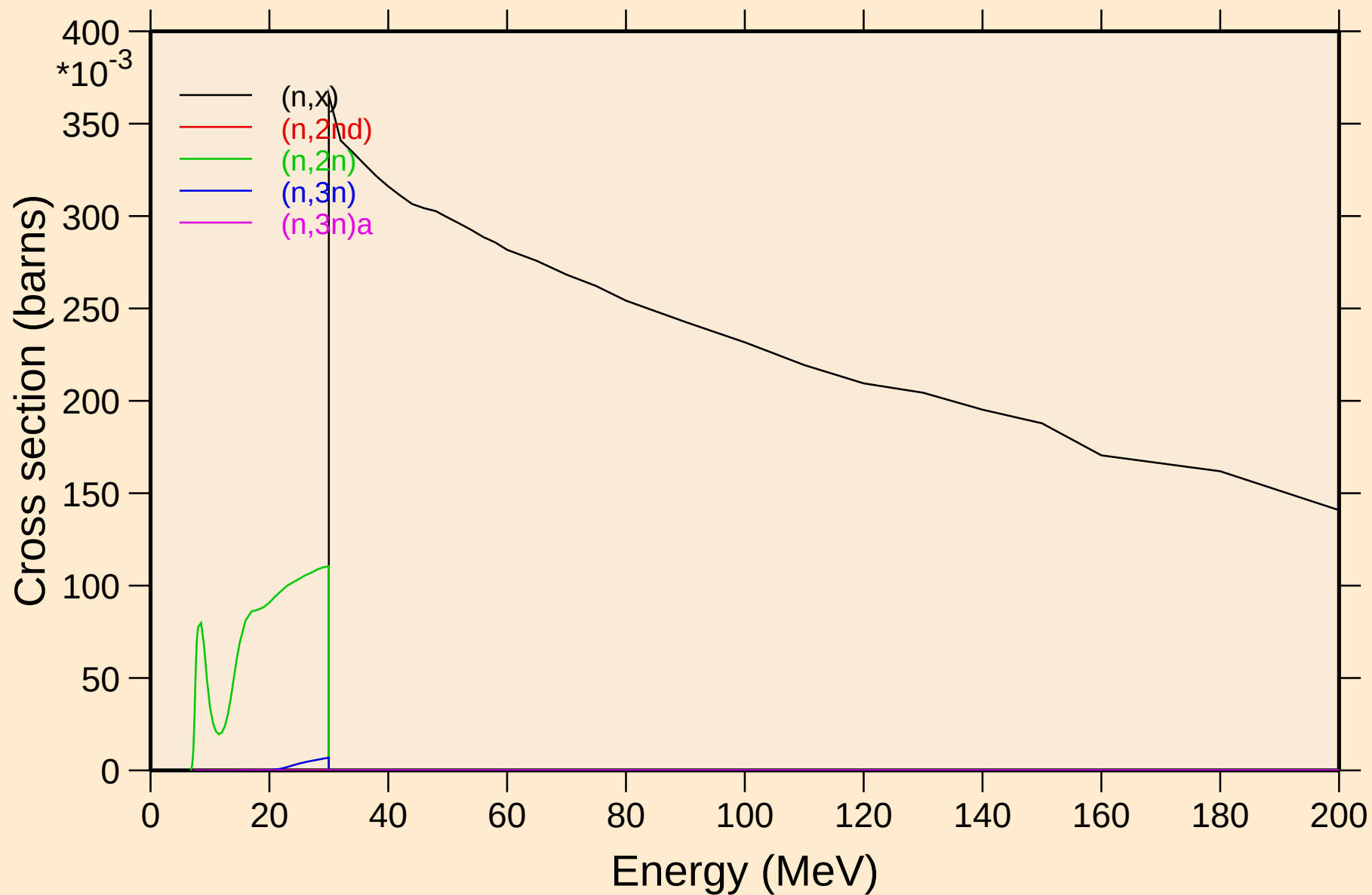
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



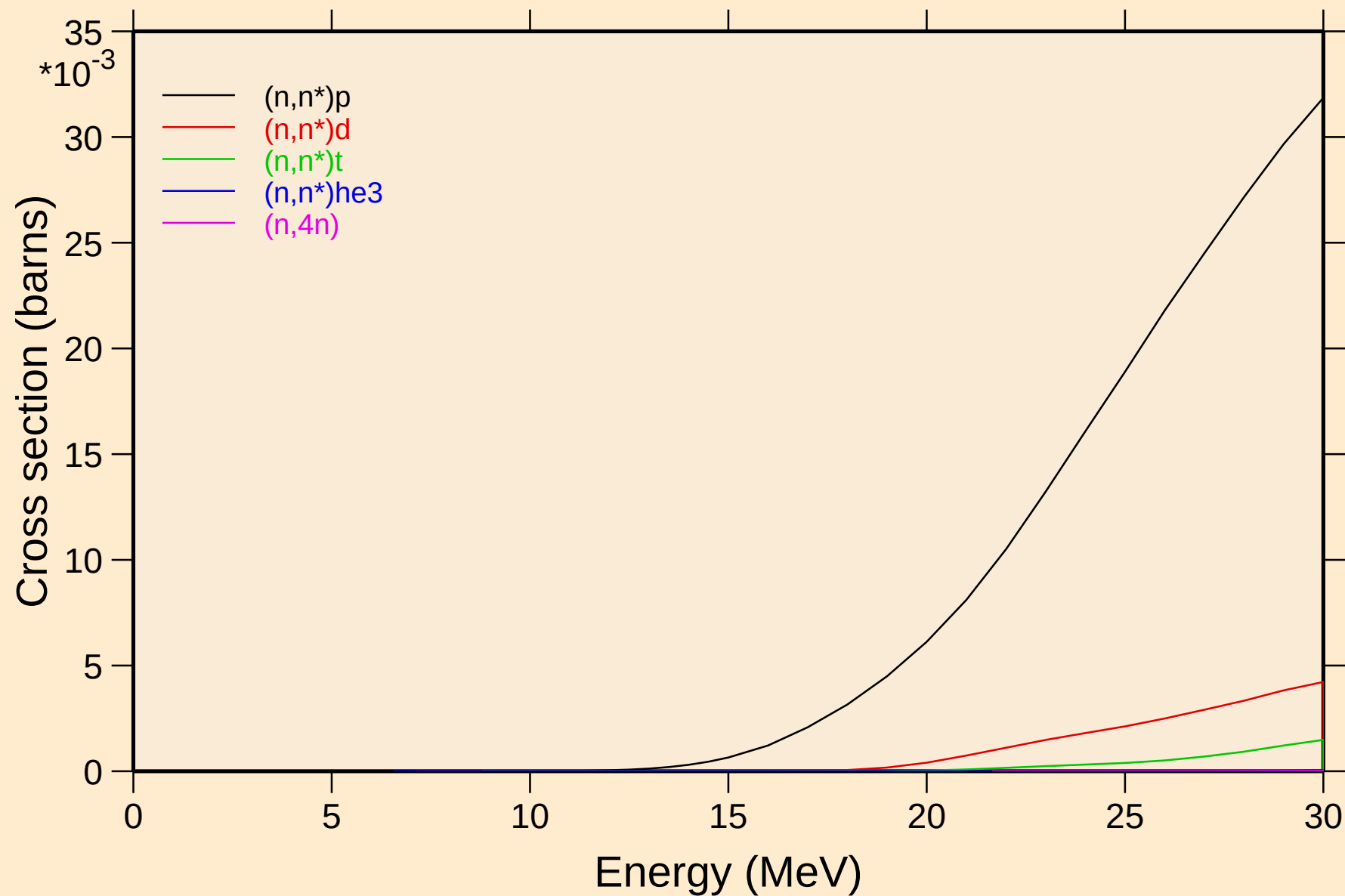
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

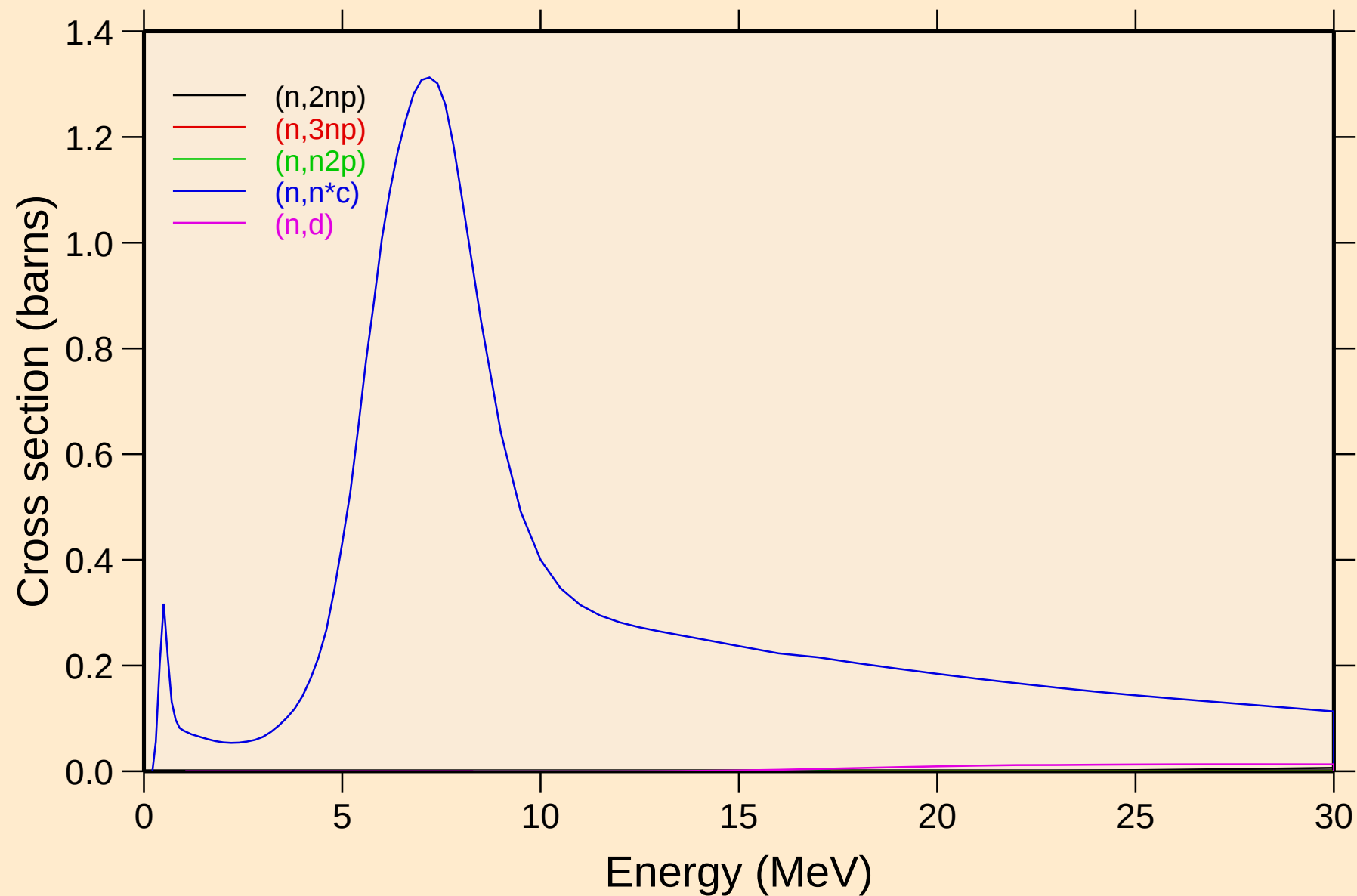


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

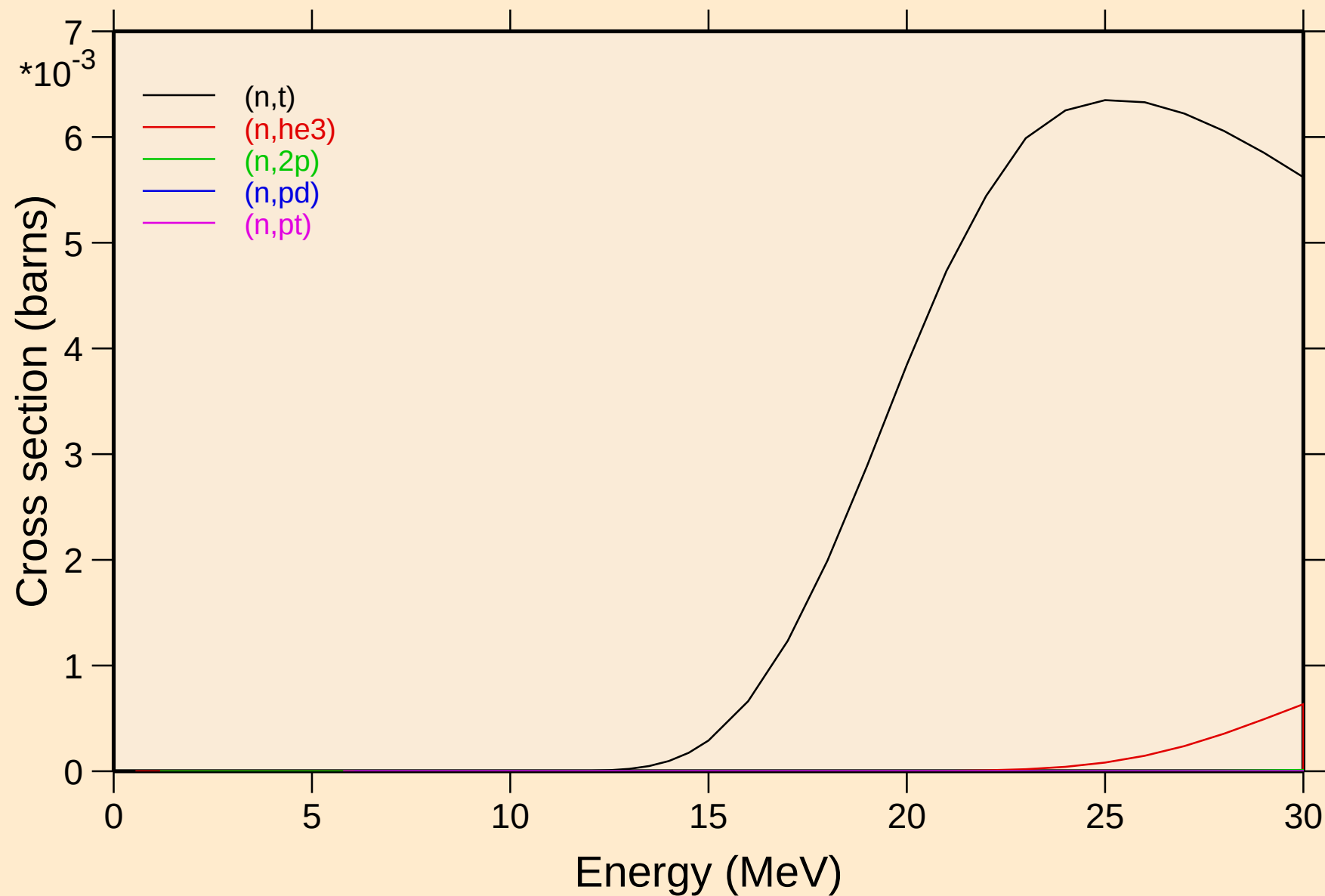


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



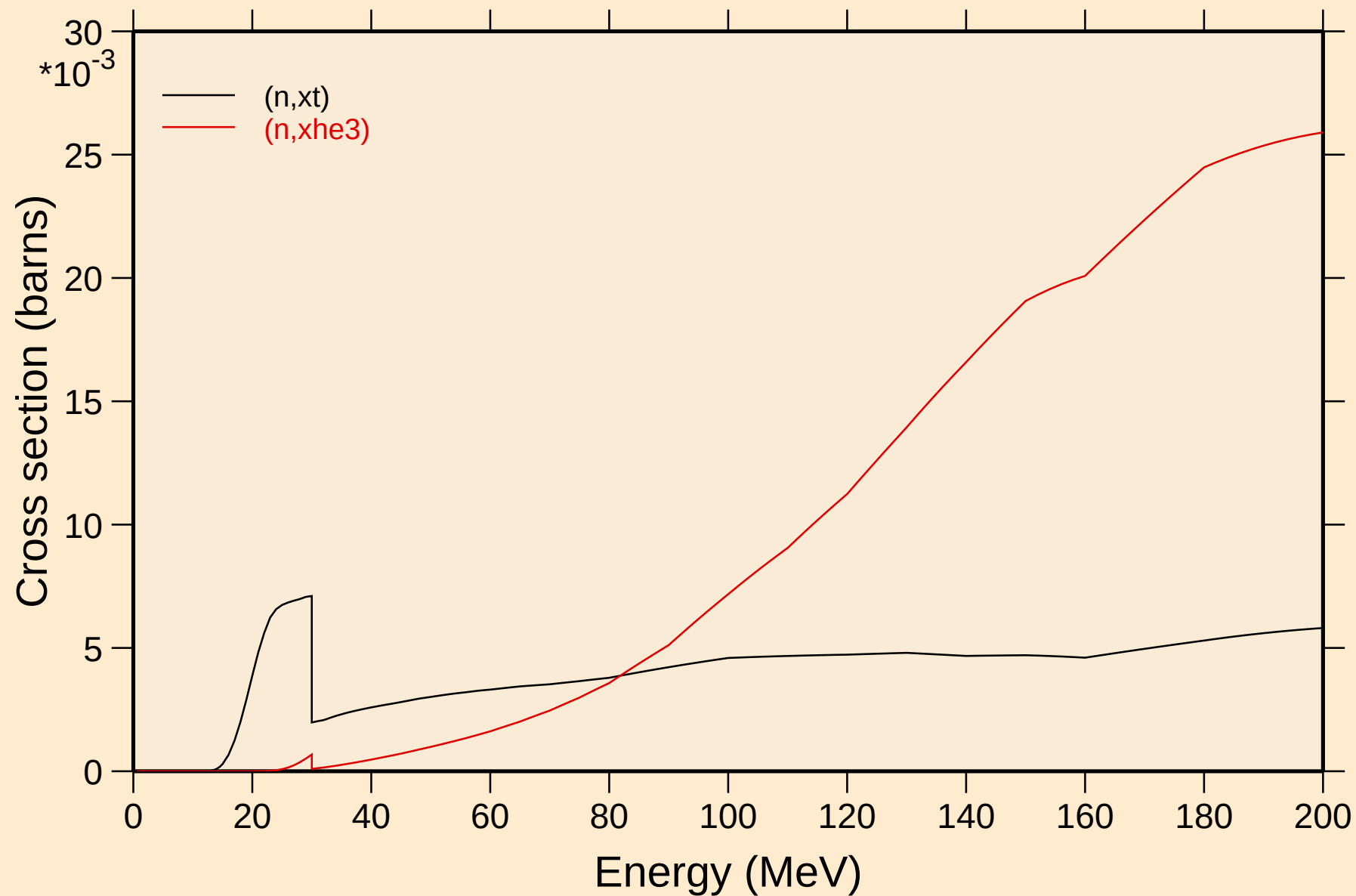
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

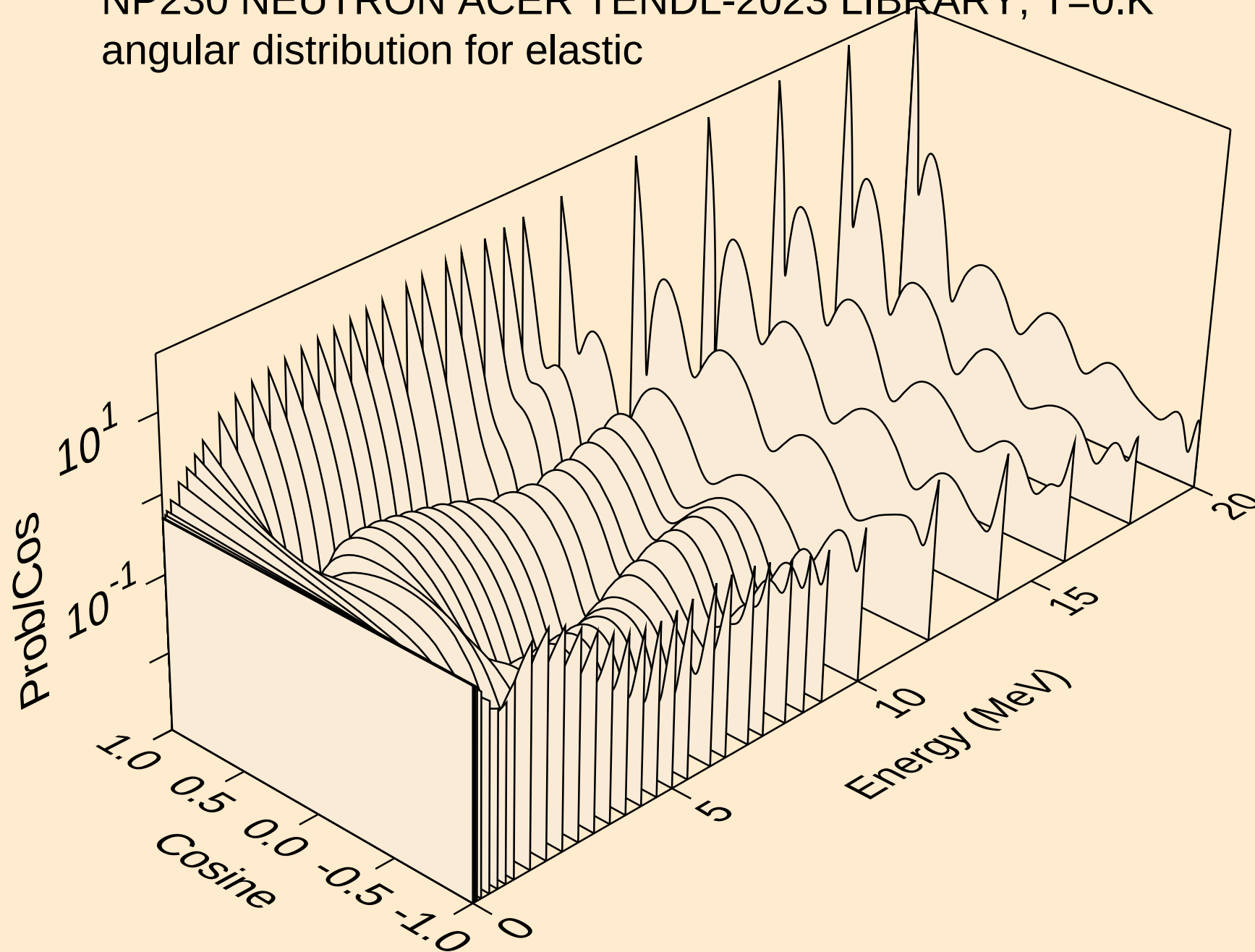


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

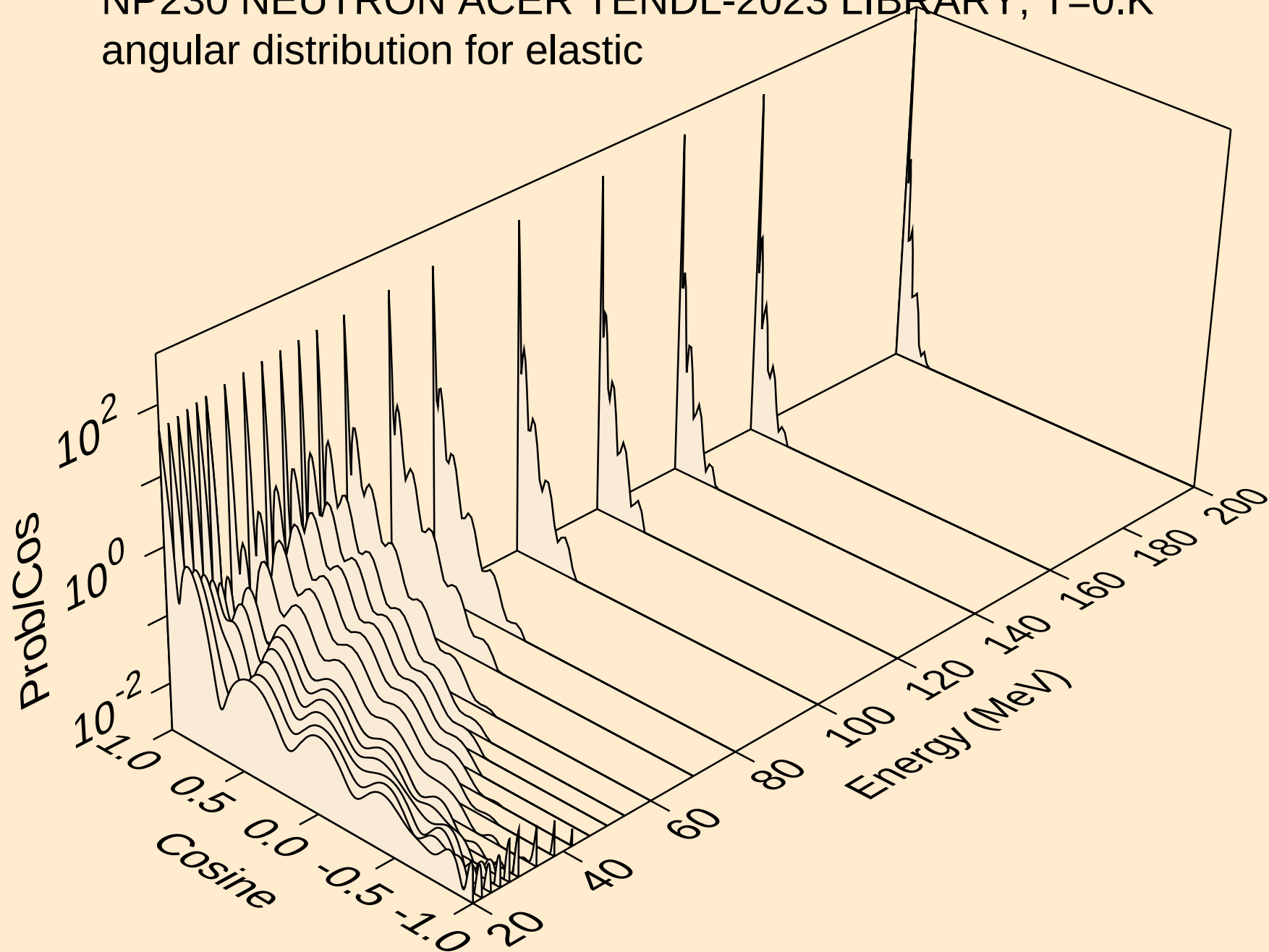
Threshold reactions



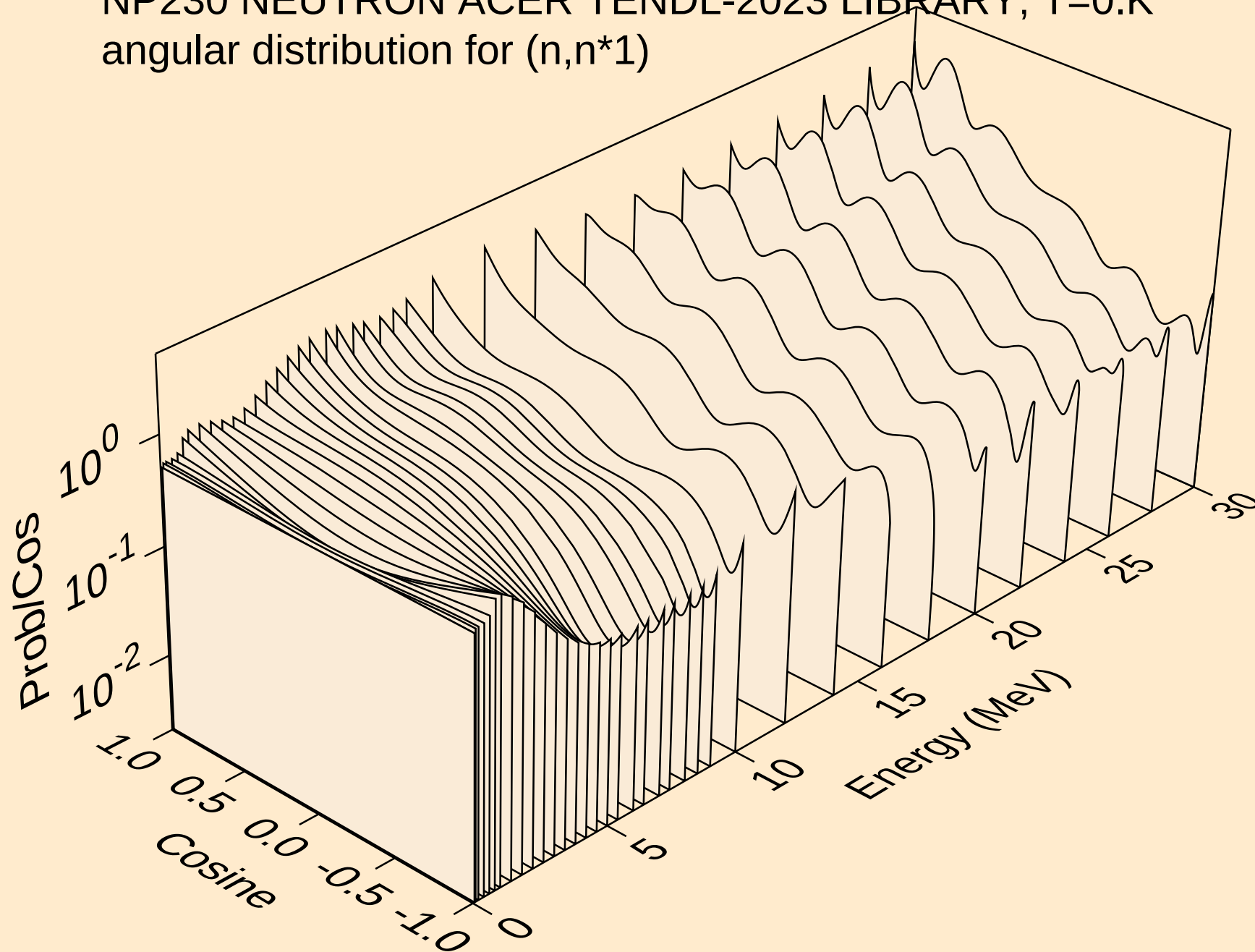
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



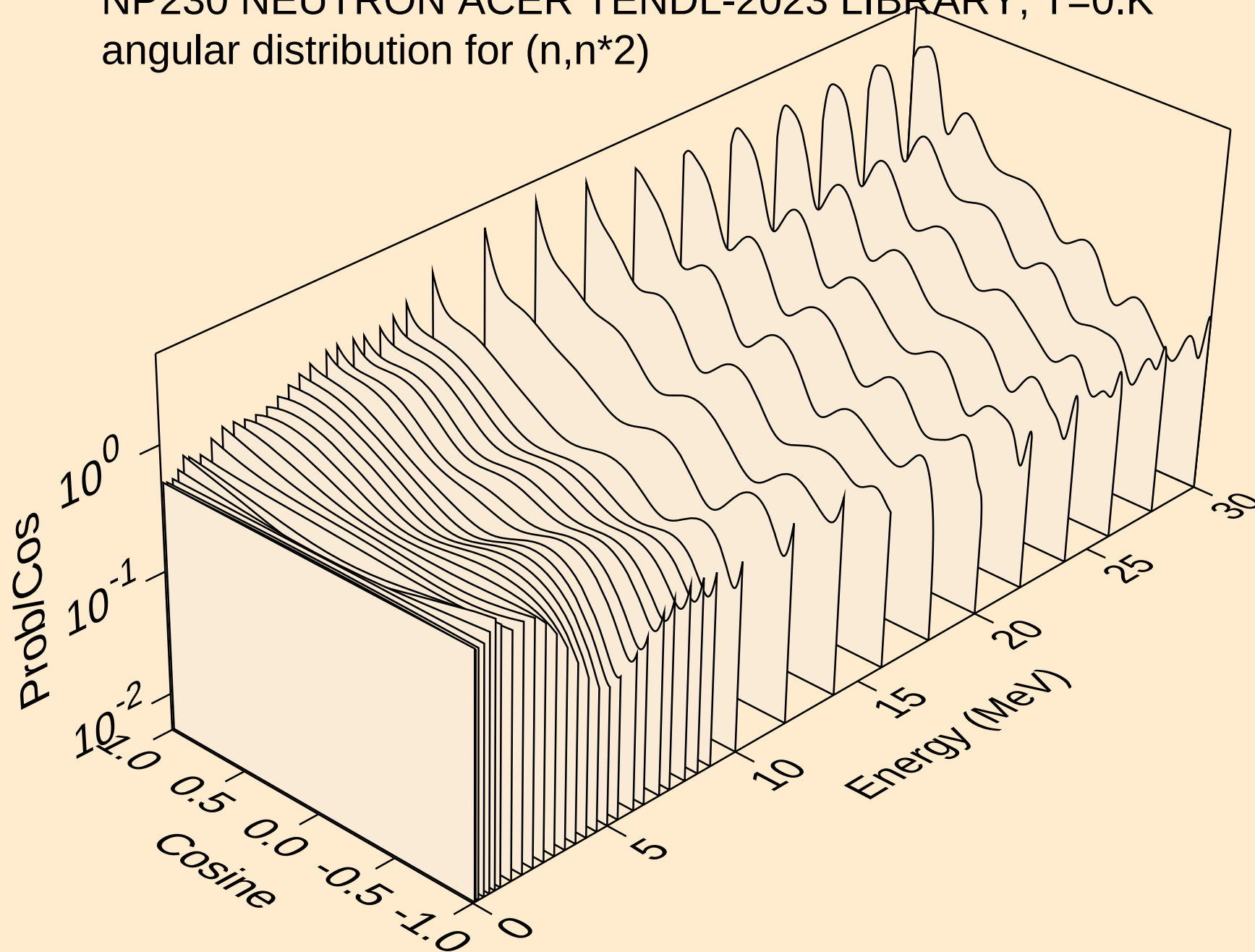
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



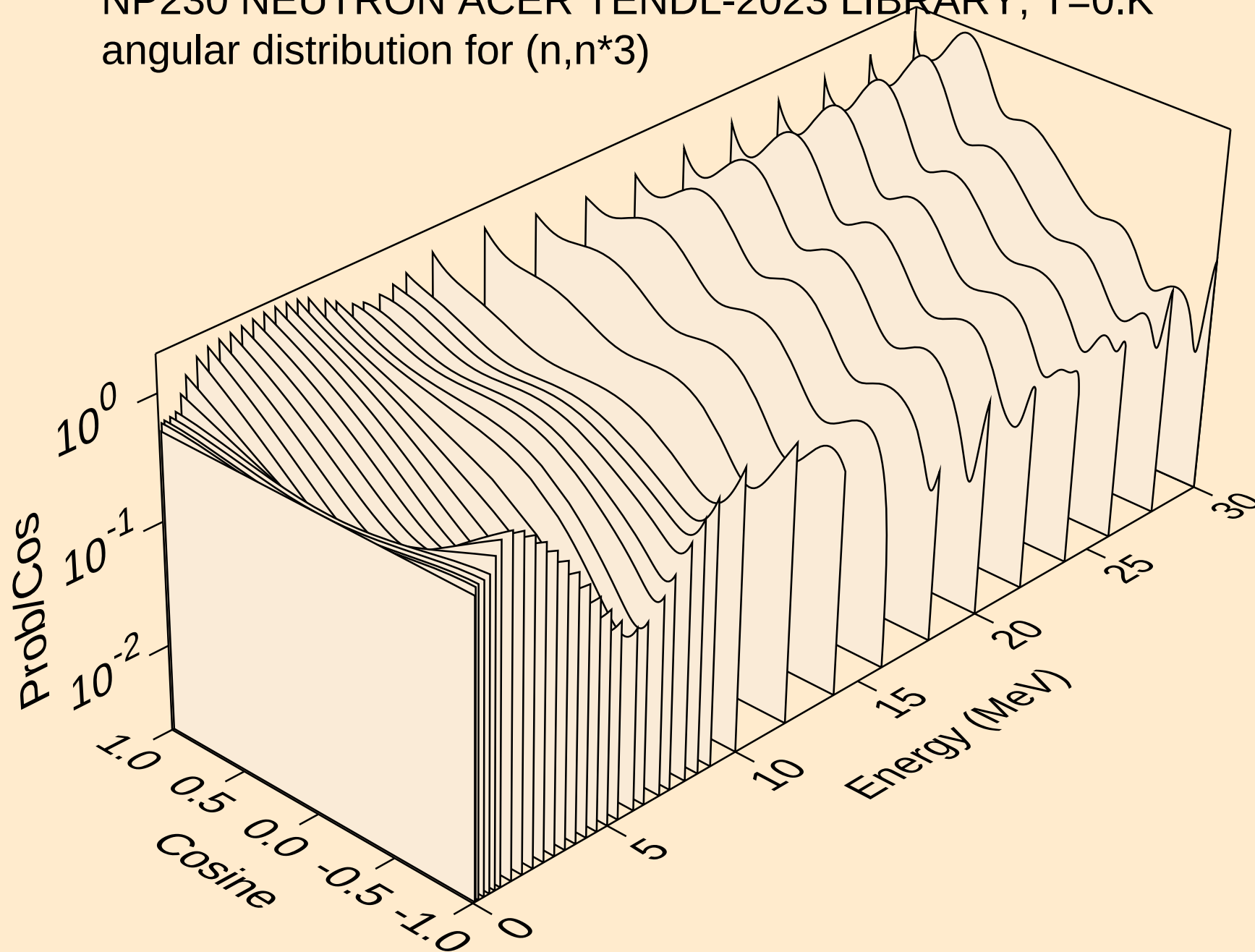
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



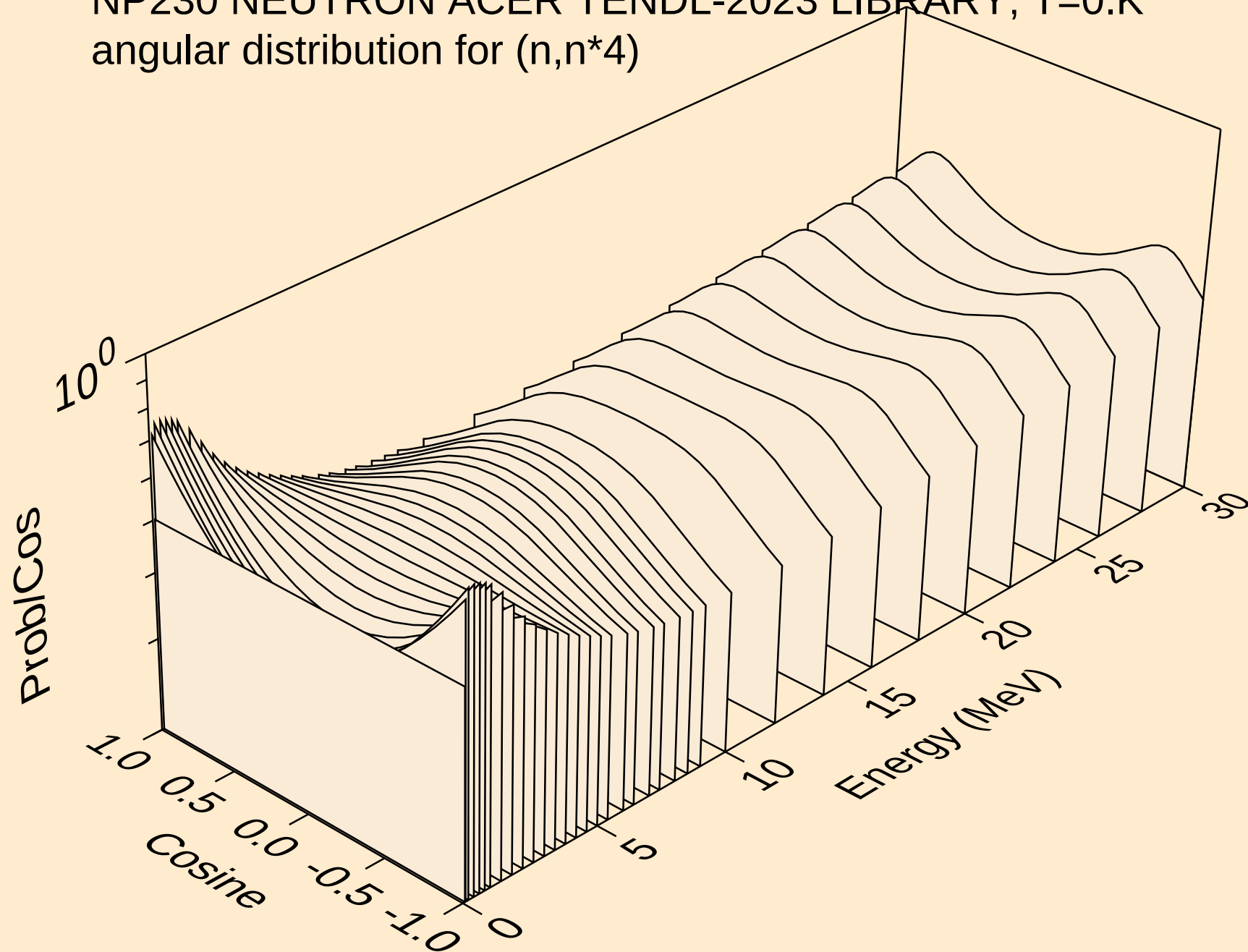
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



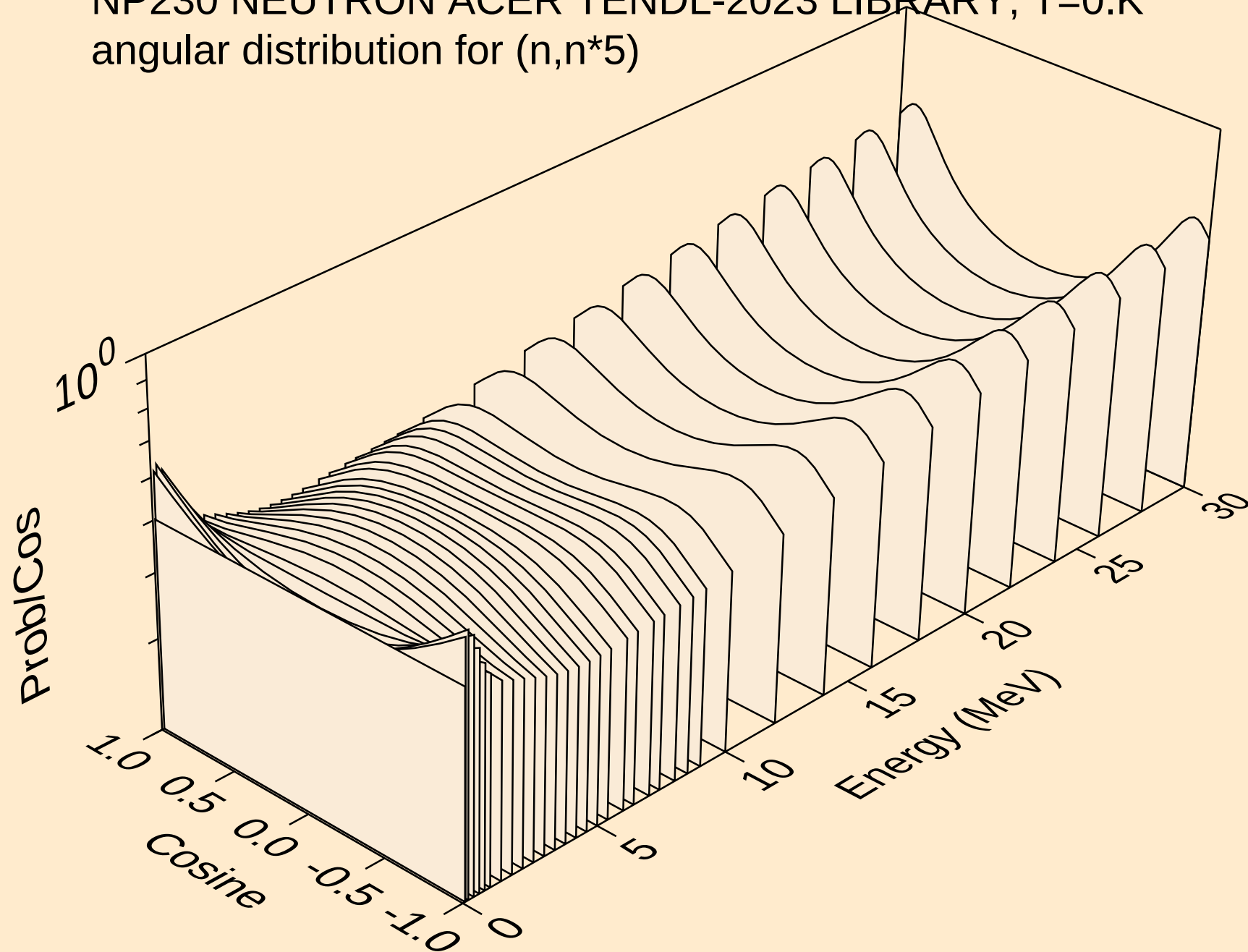
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



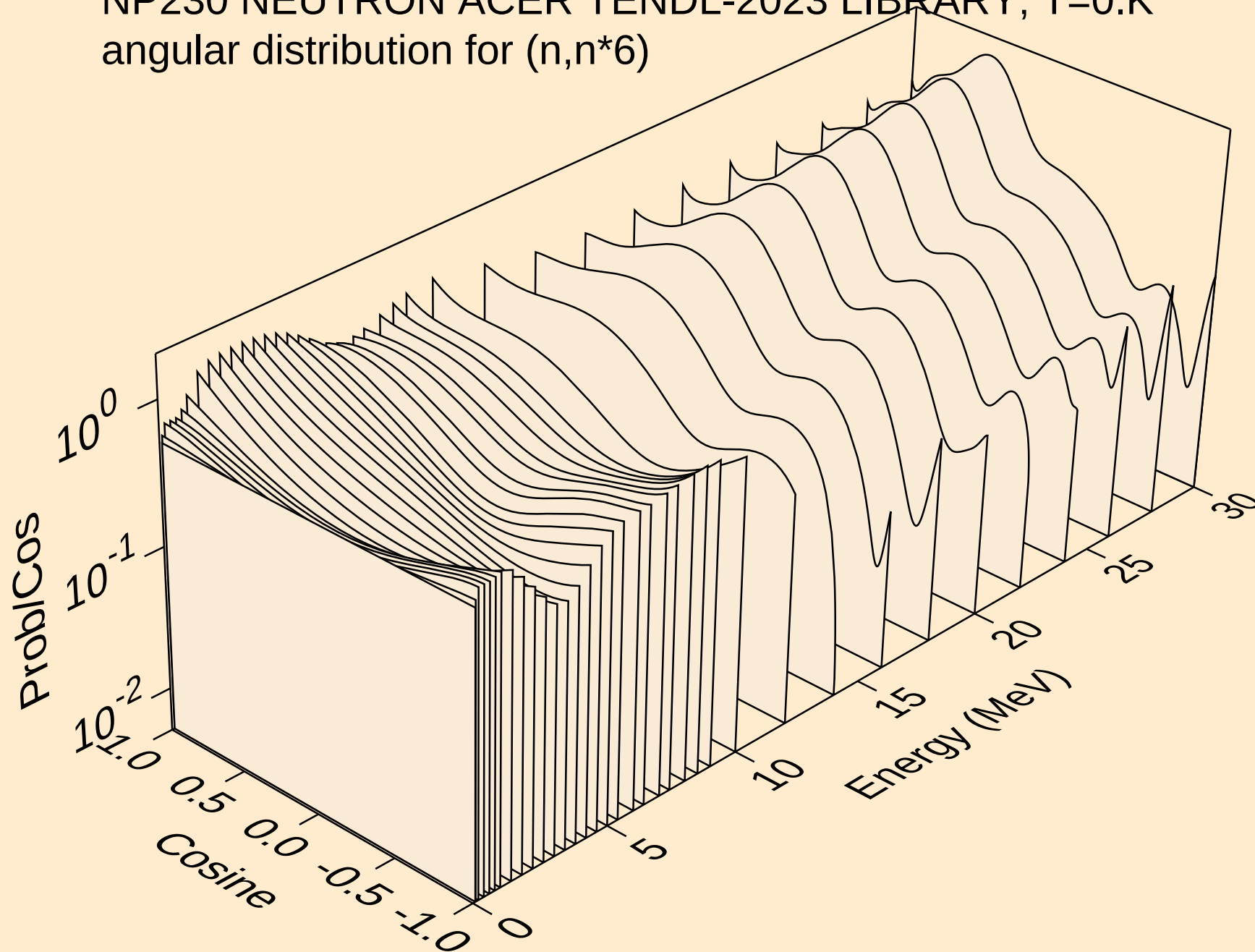
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



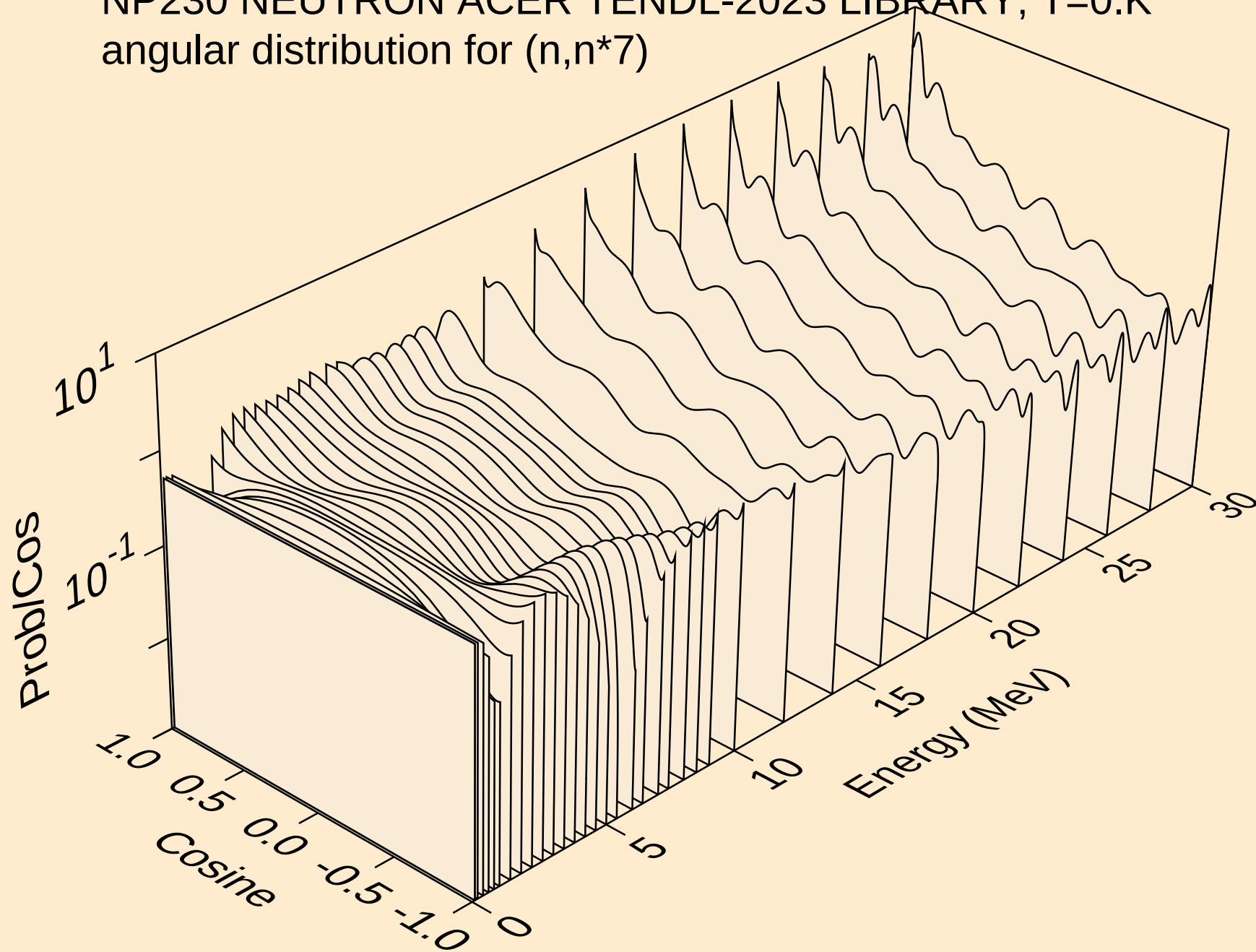
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



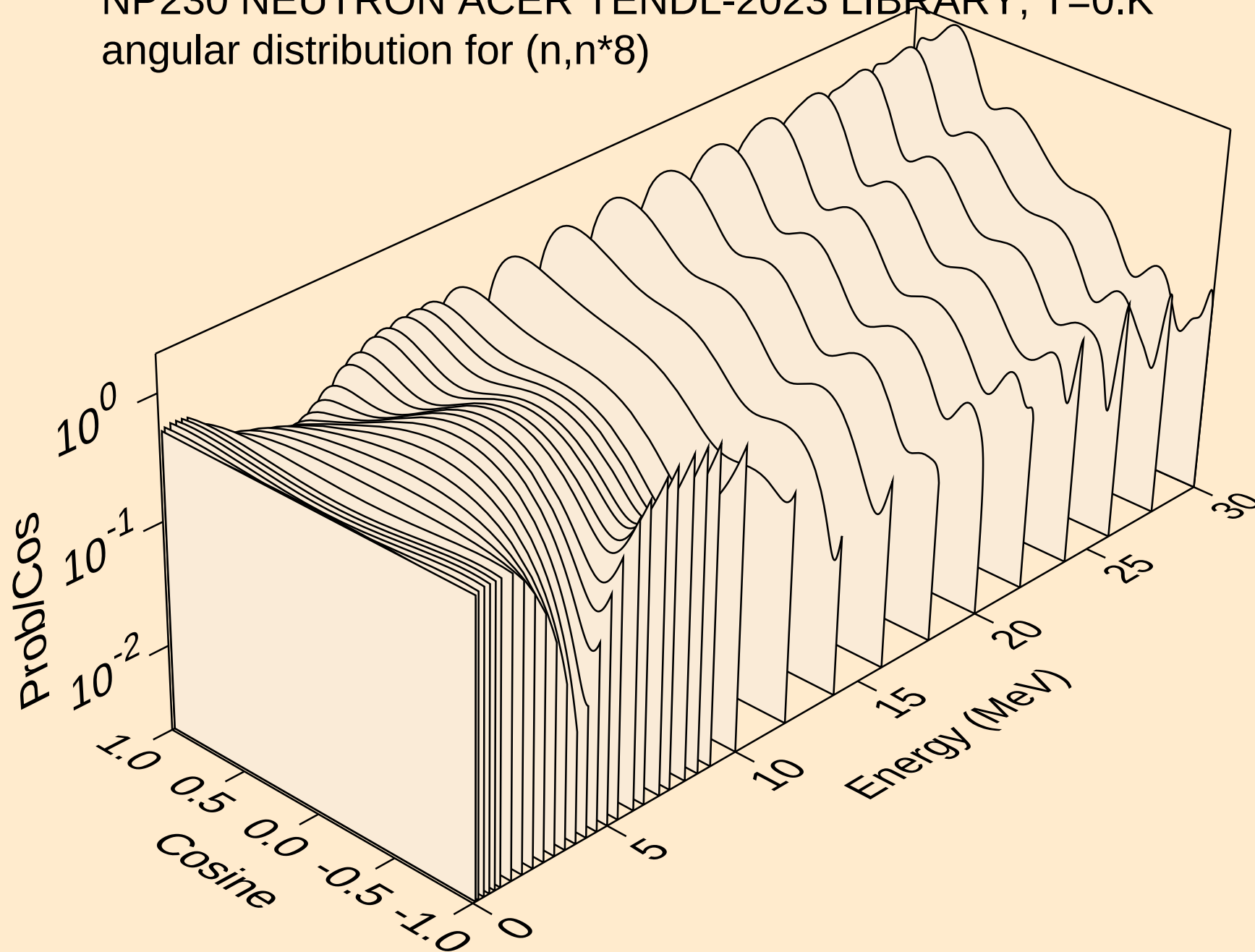
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



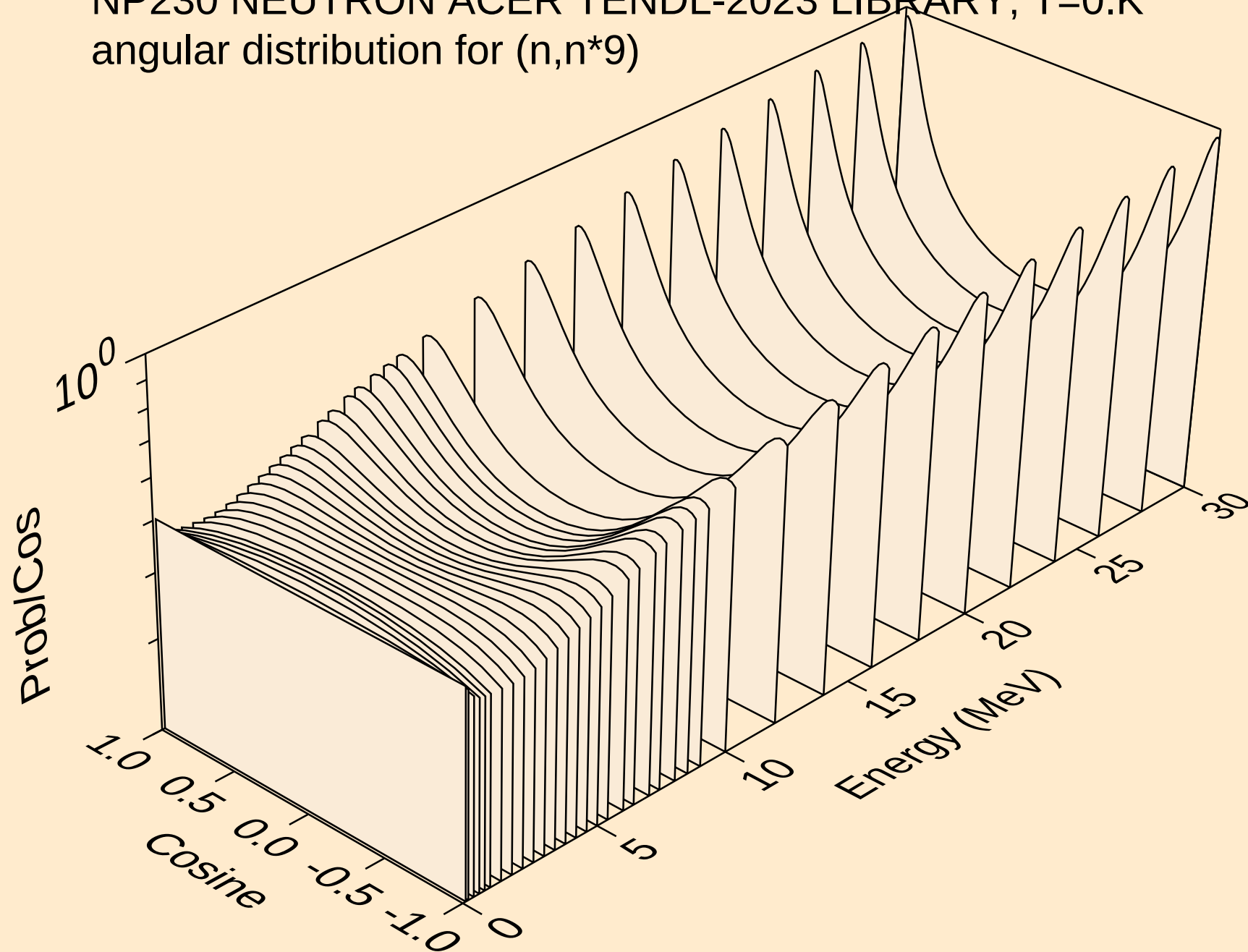
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



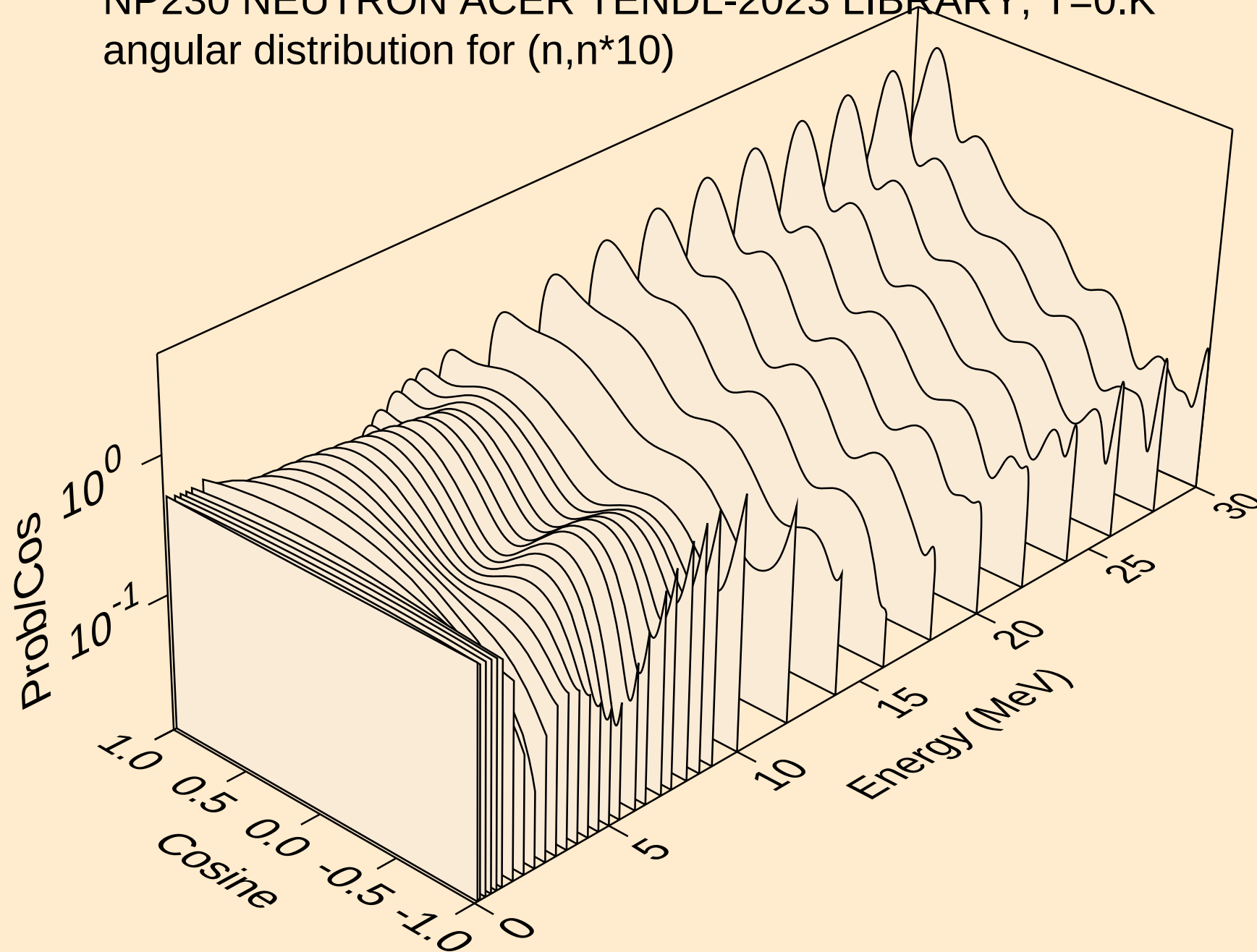
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



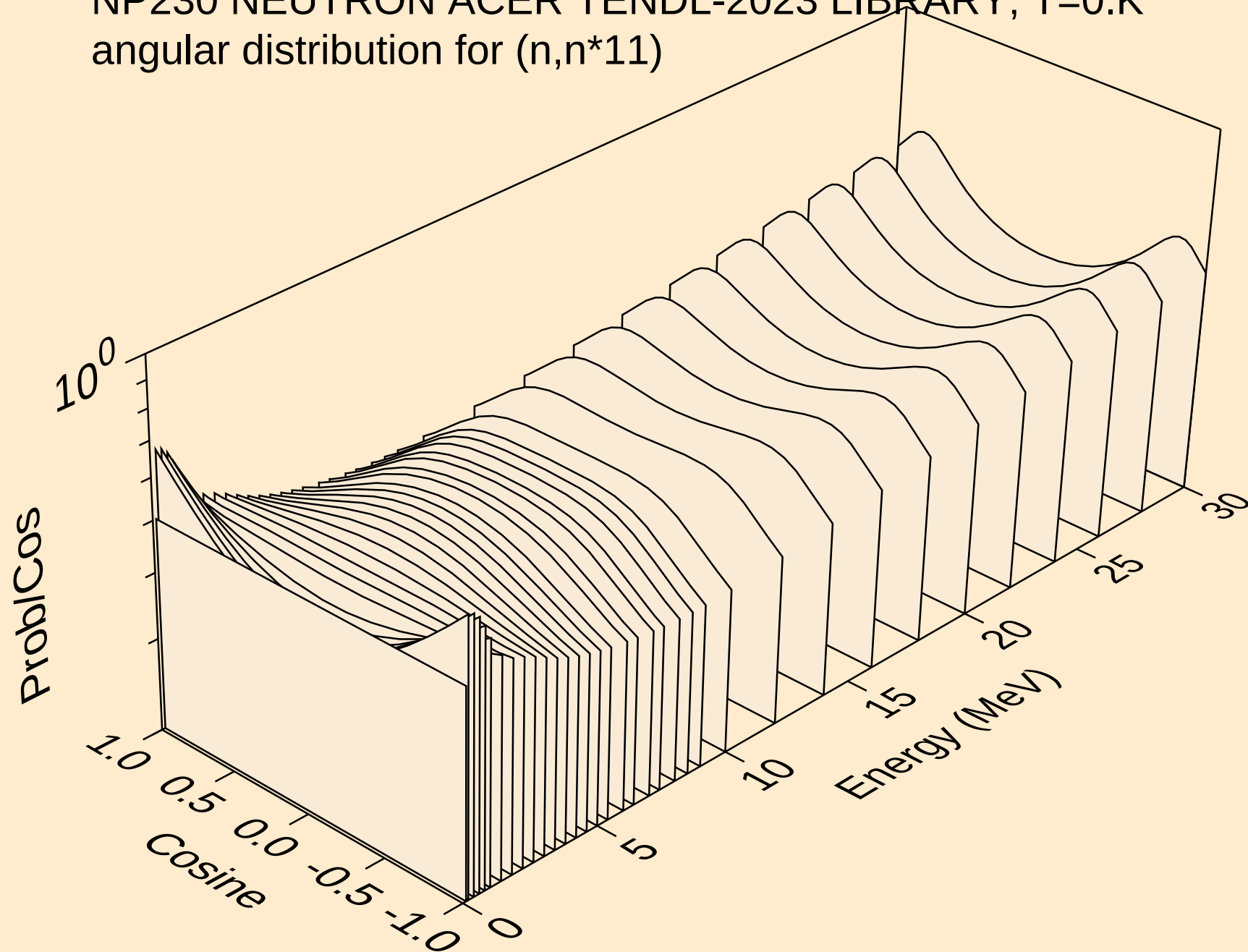
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



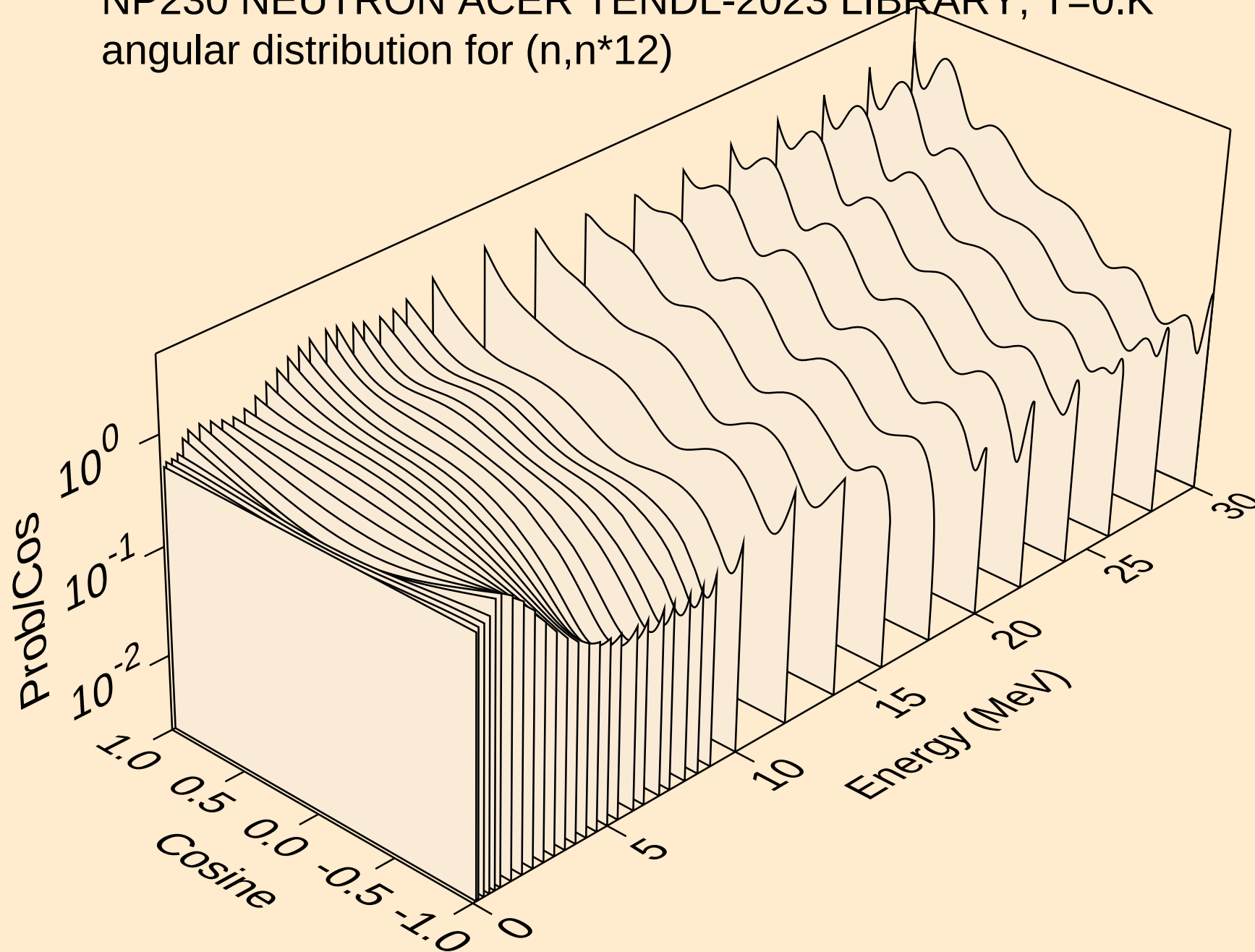
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



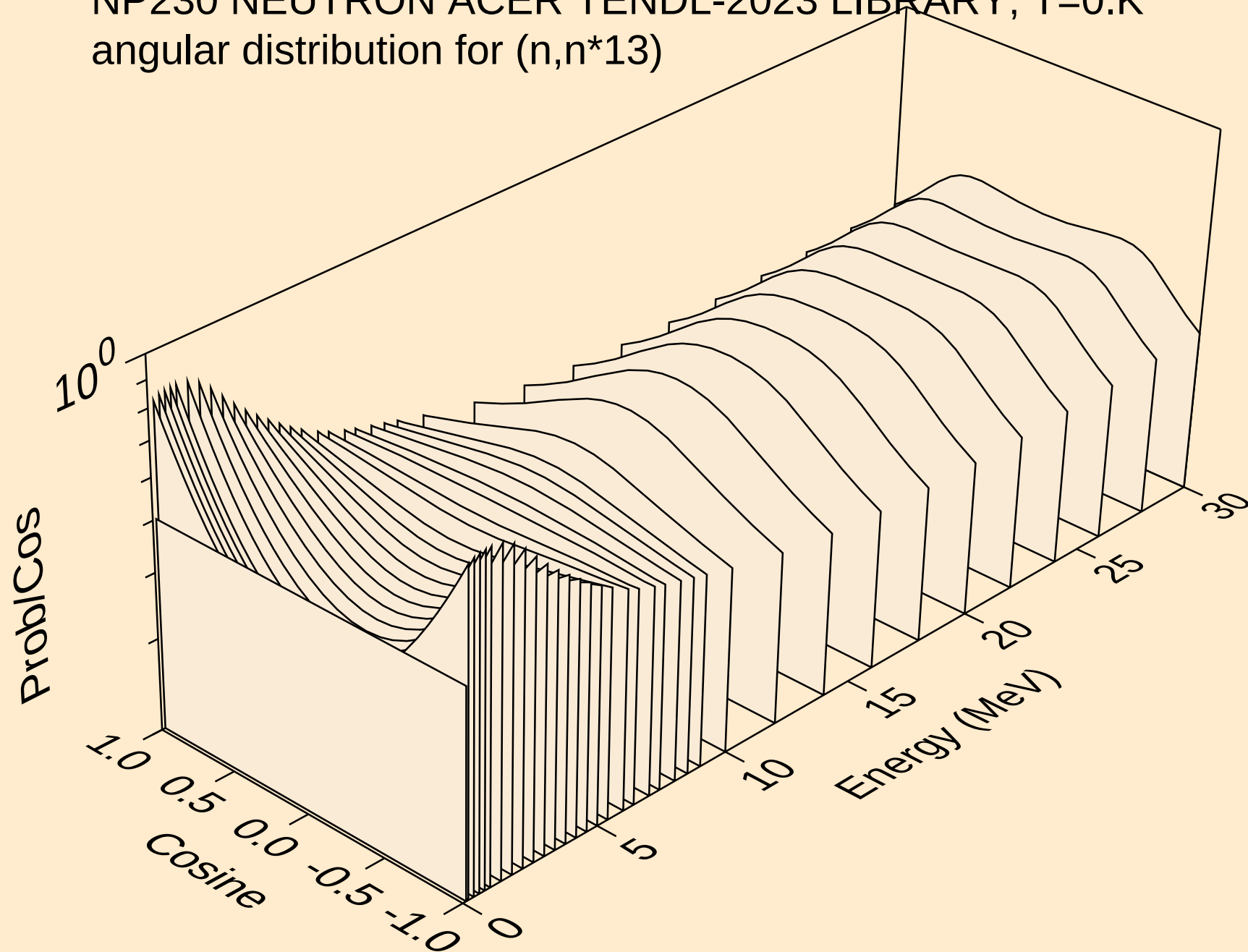
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



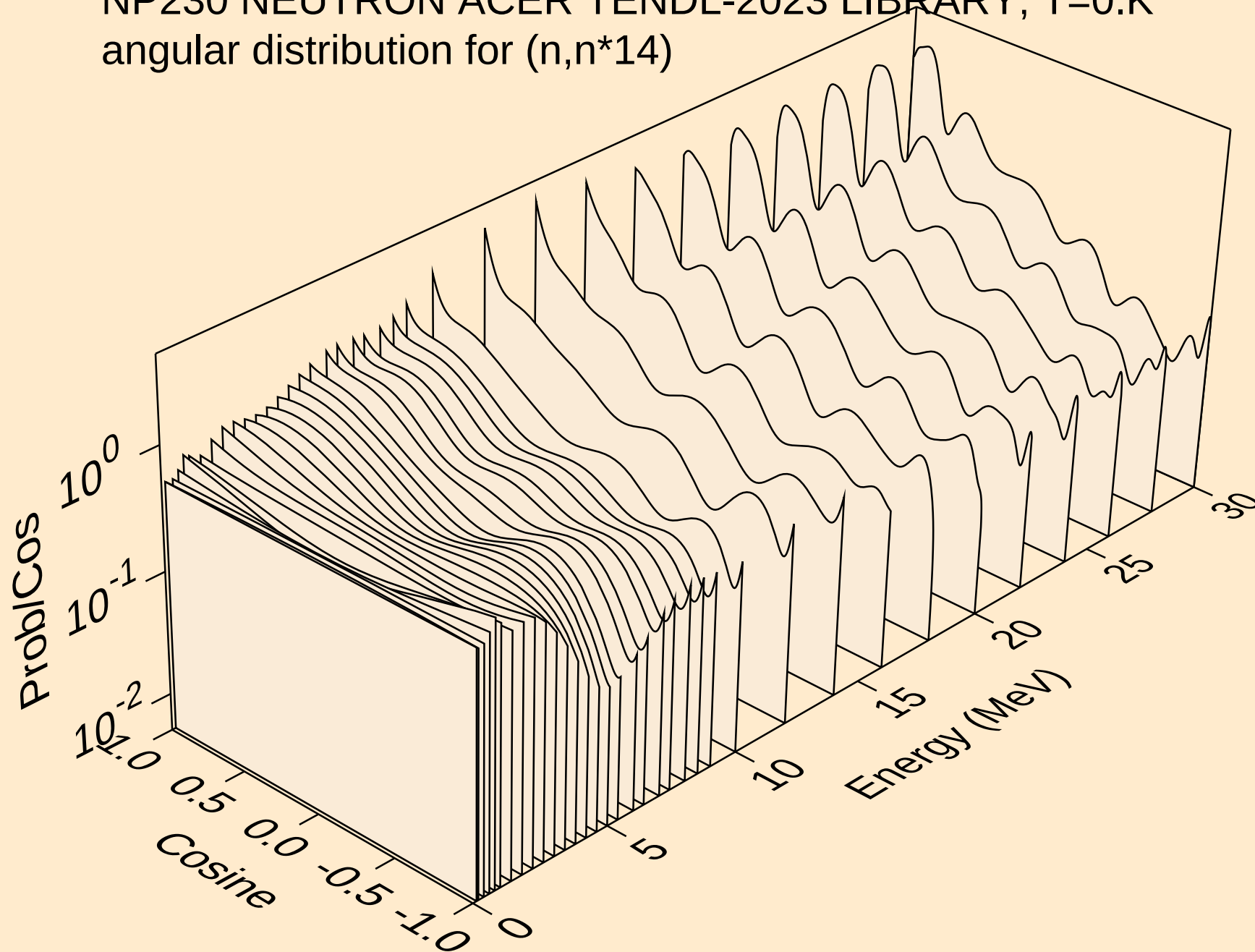
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



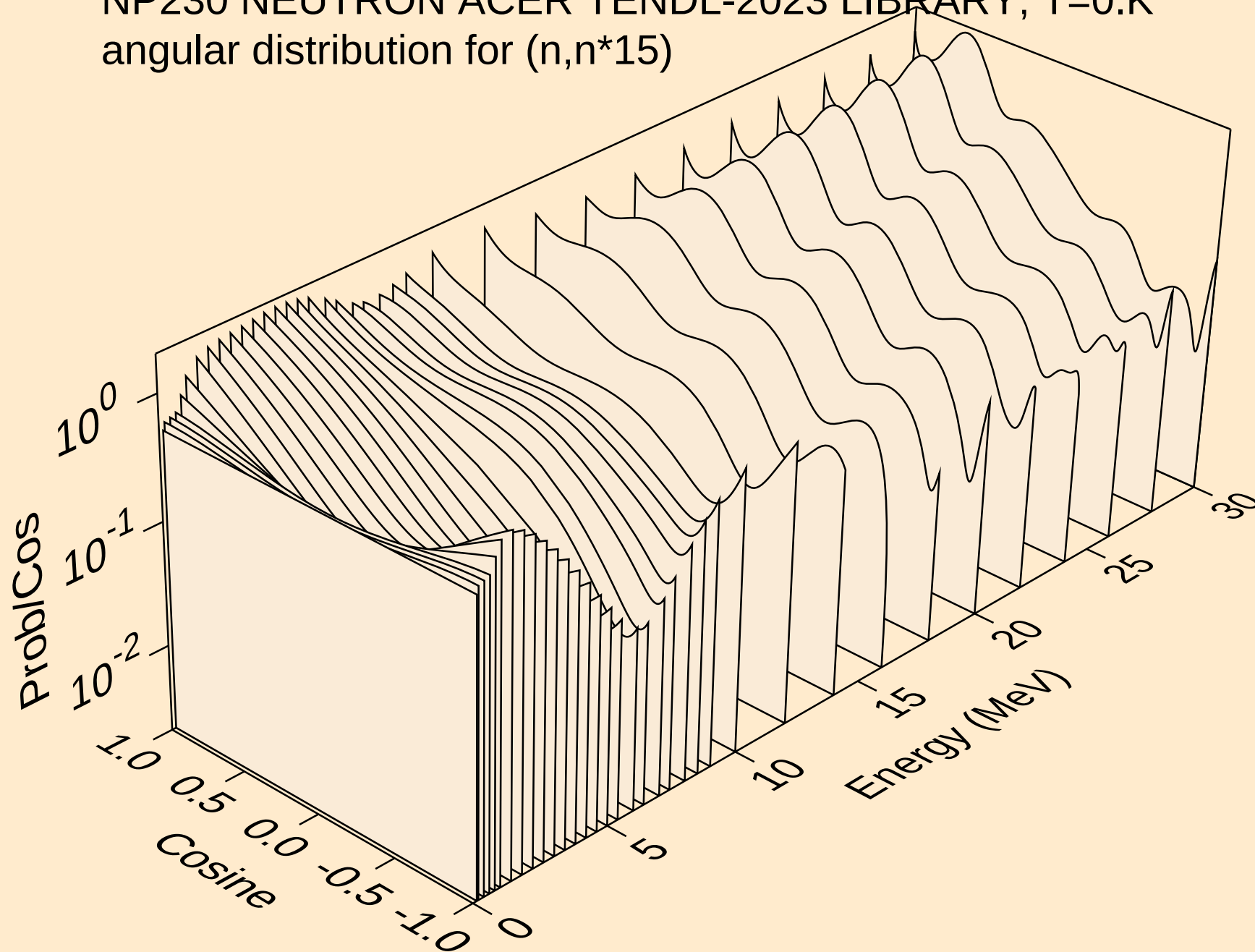
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



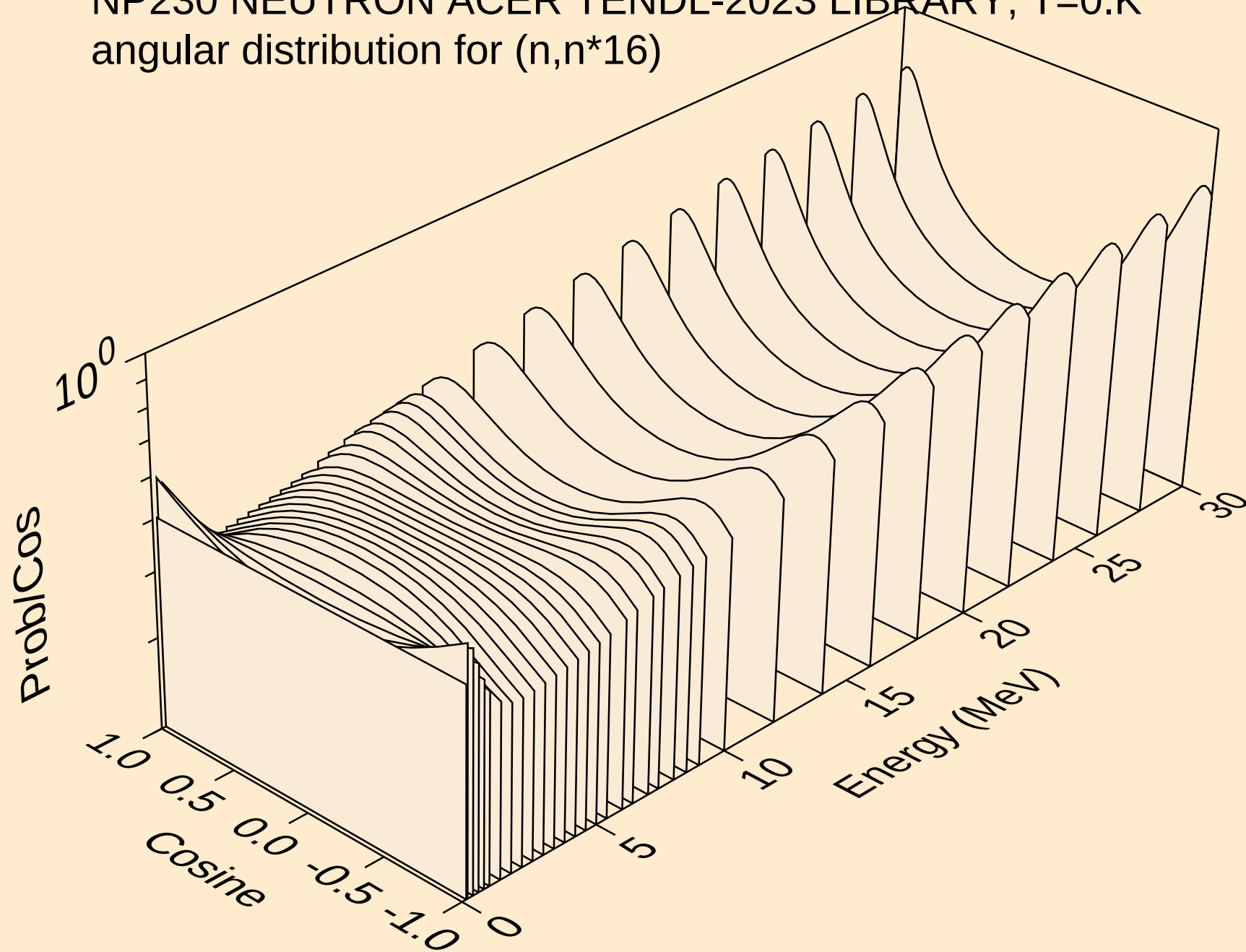
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



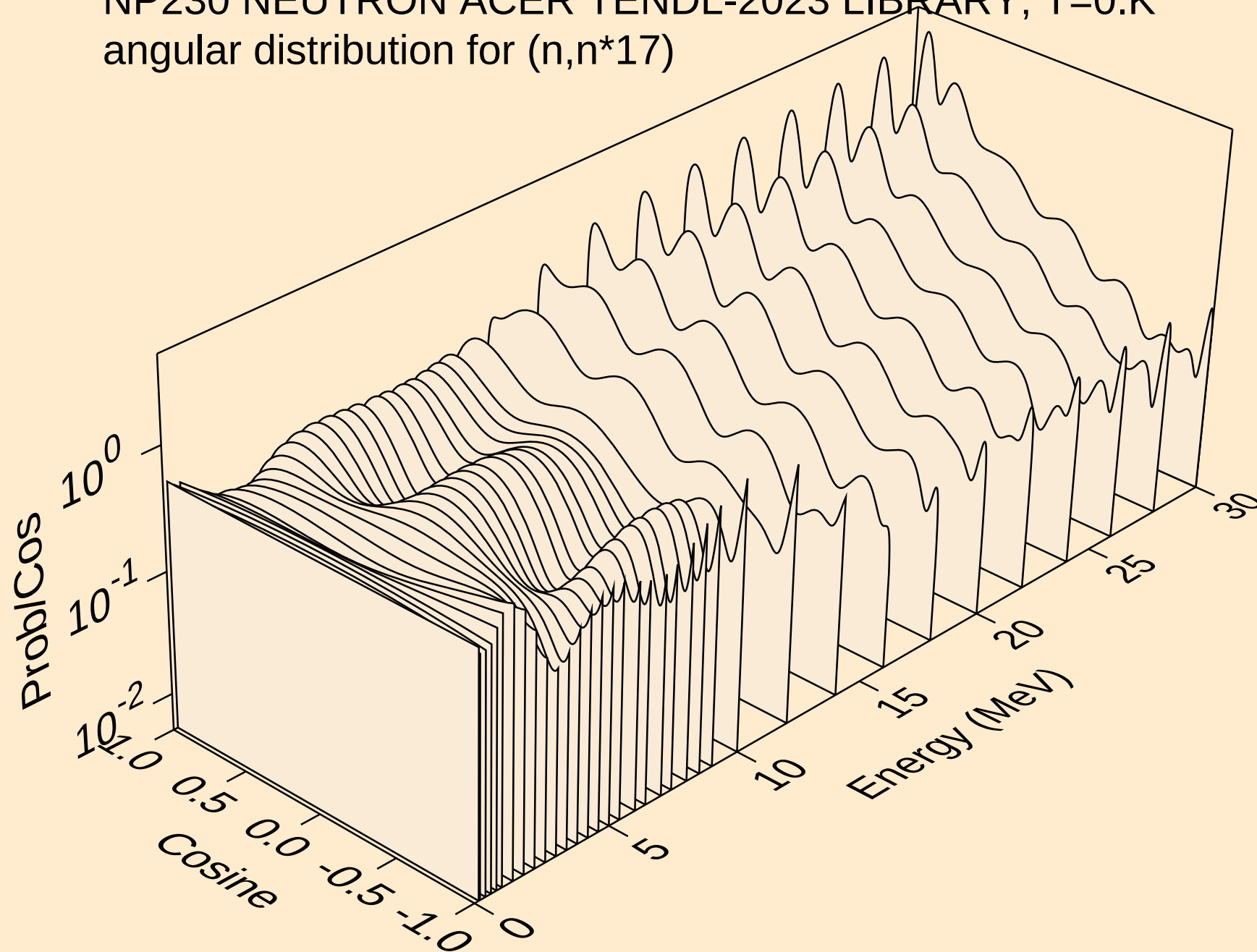
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



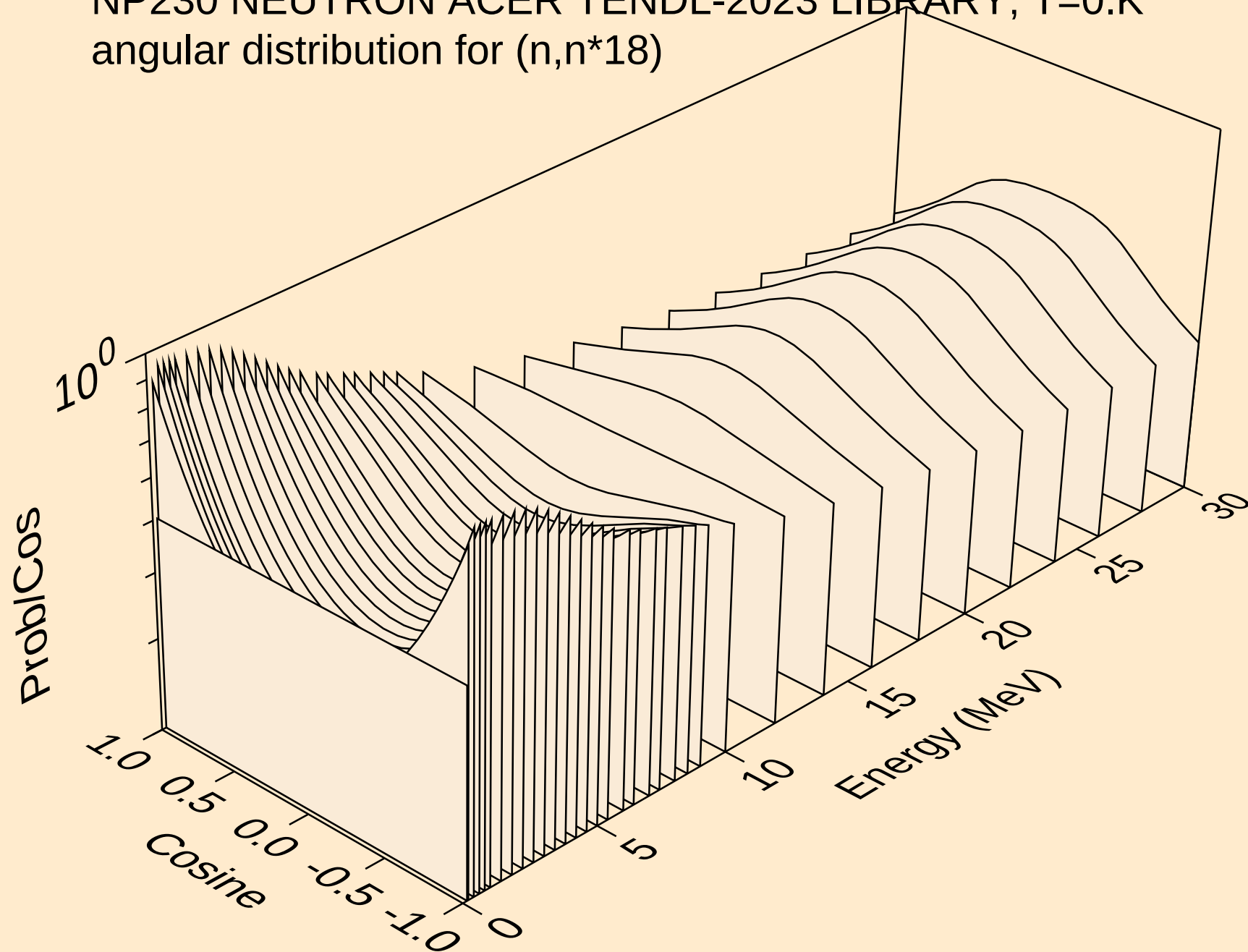
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



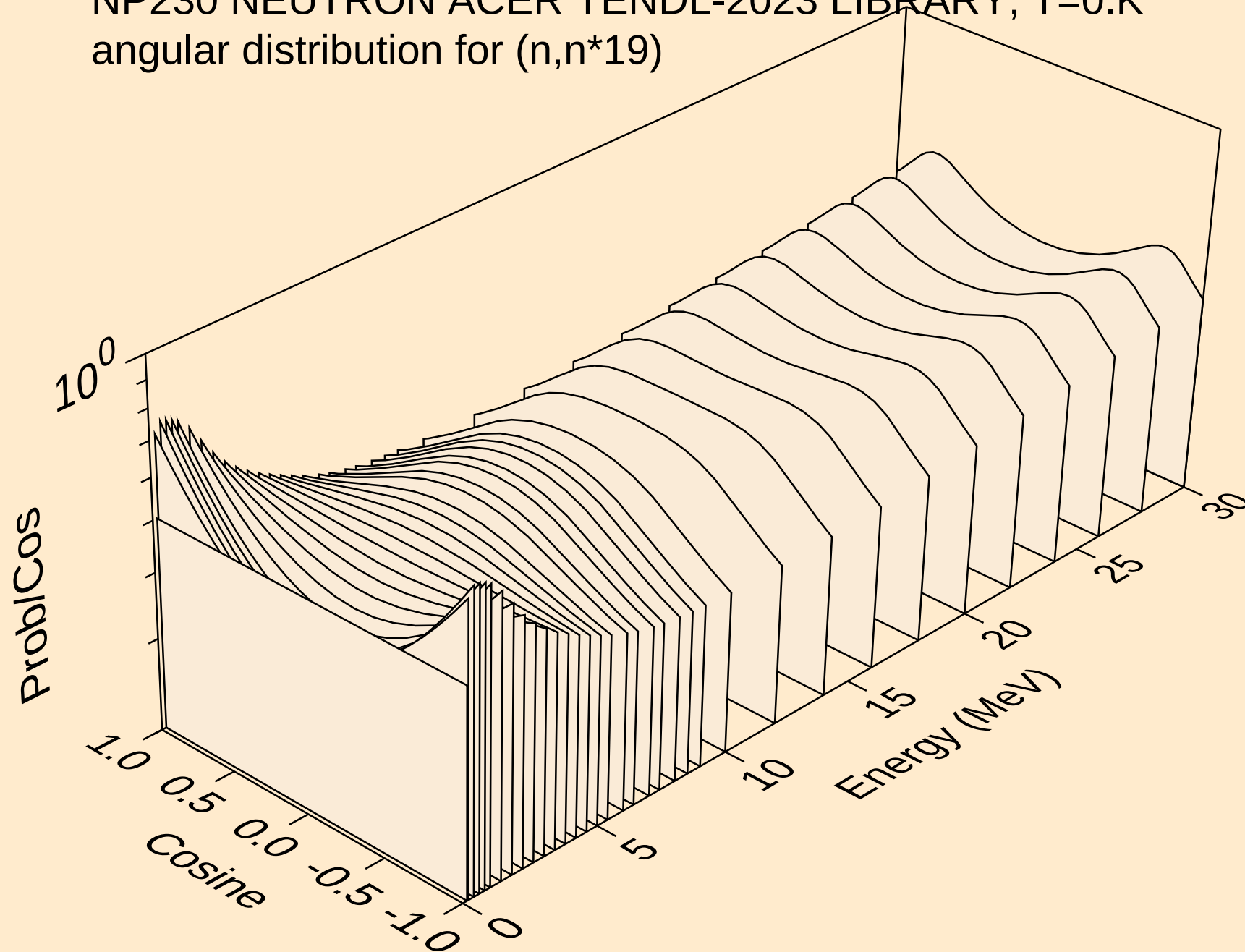
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*17)



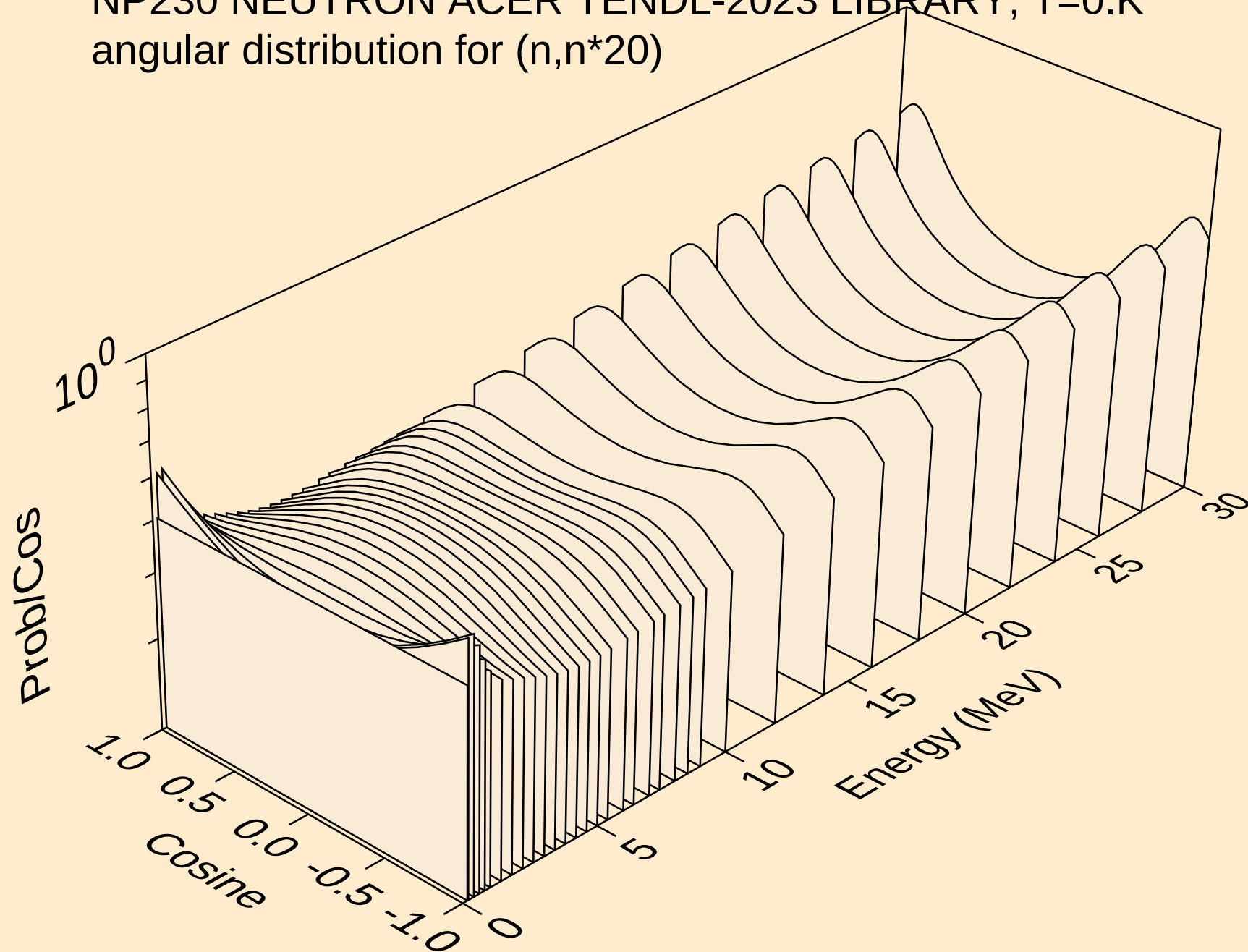
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*18)



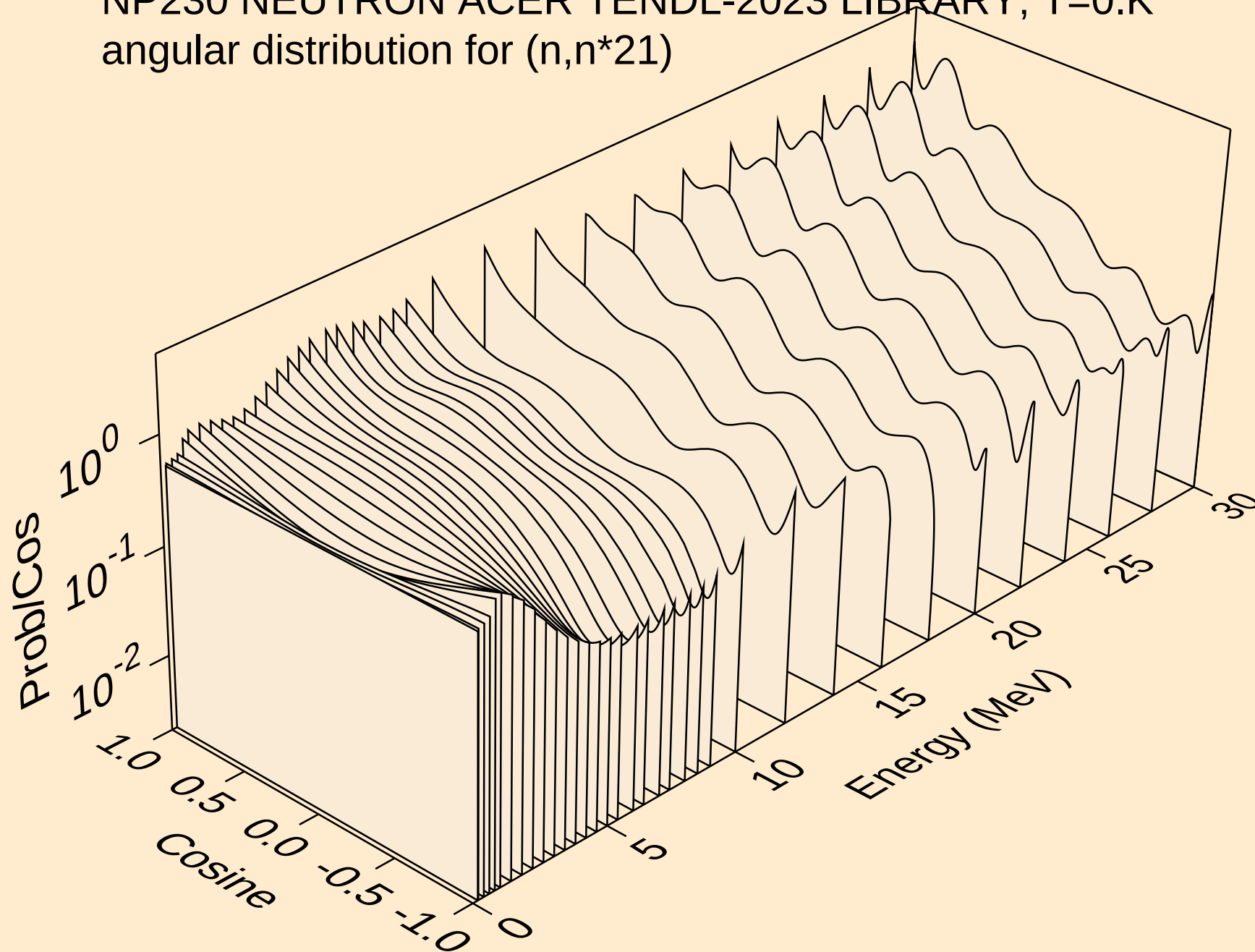
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*19)



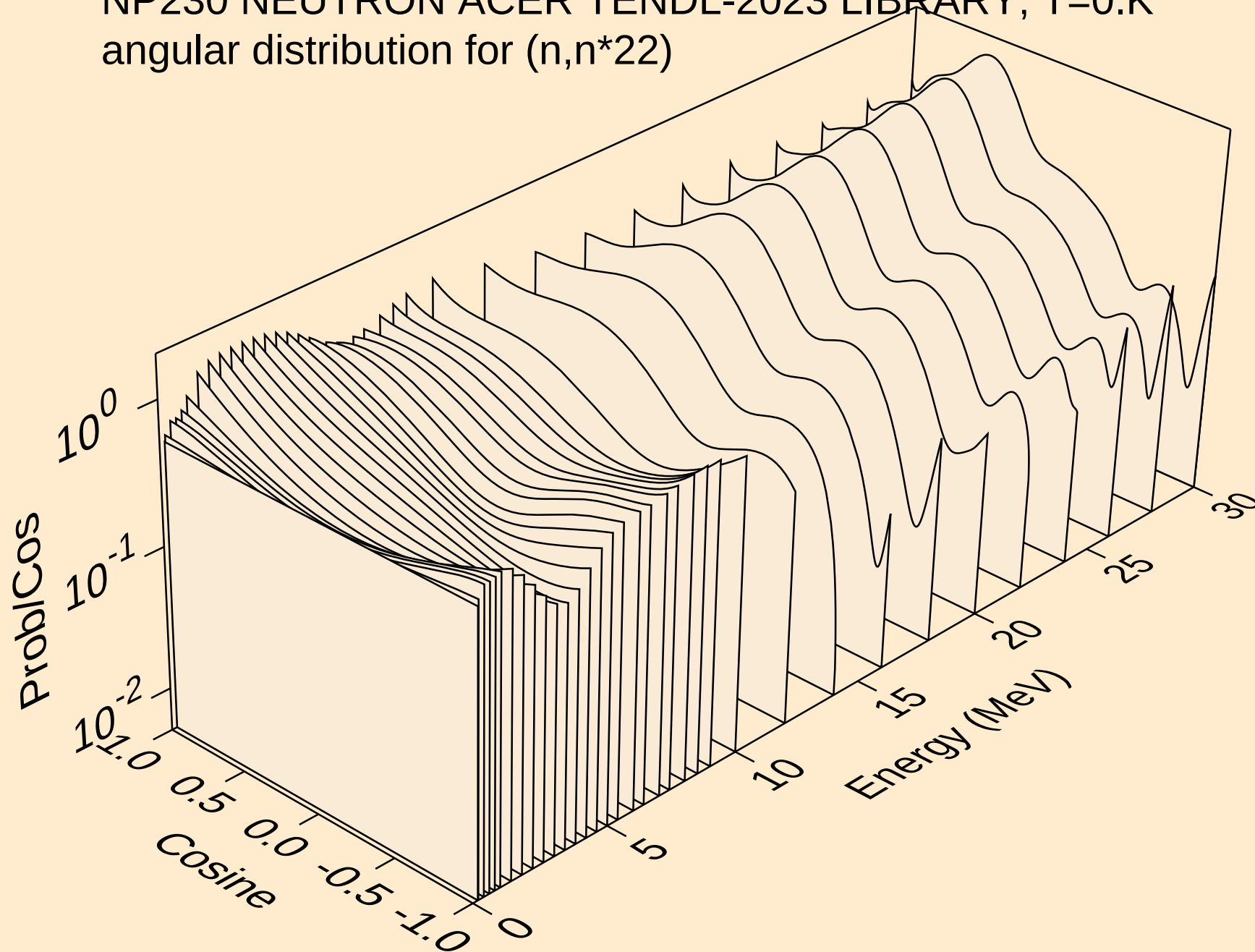
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*20)



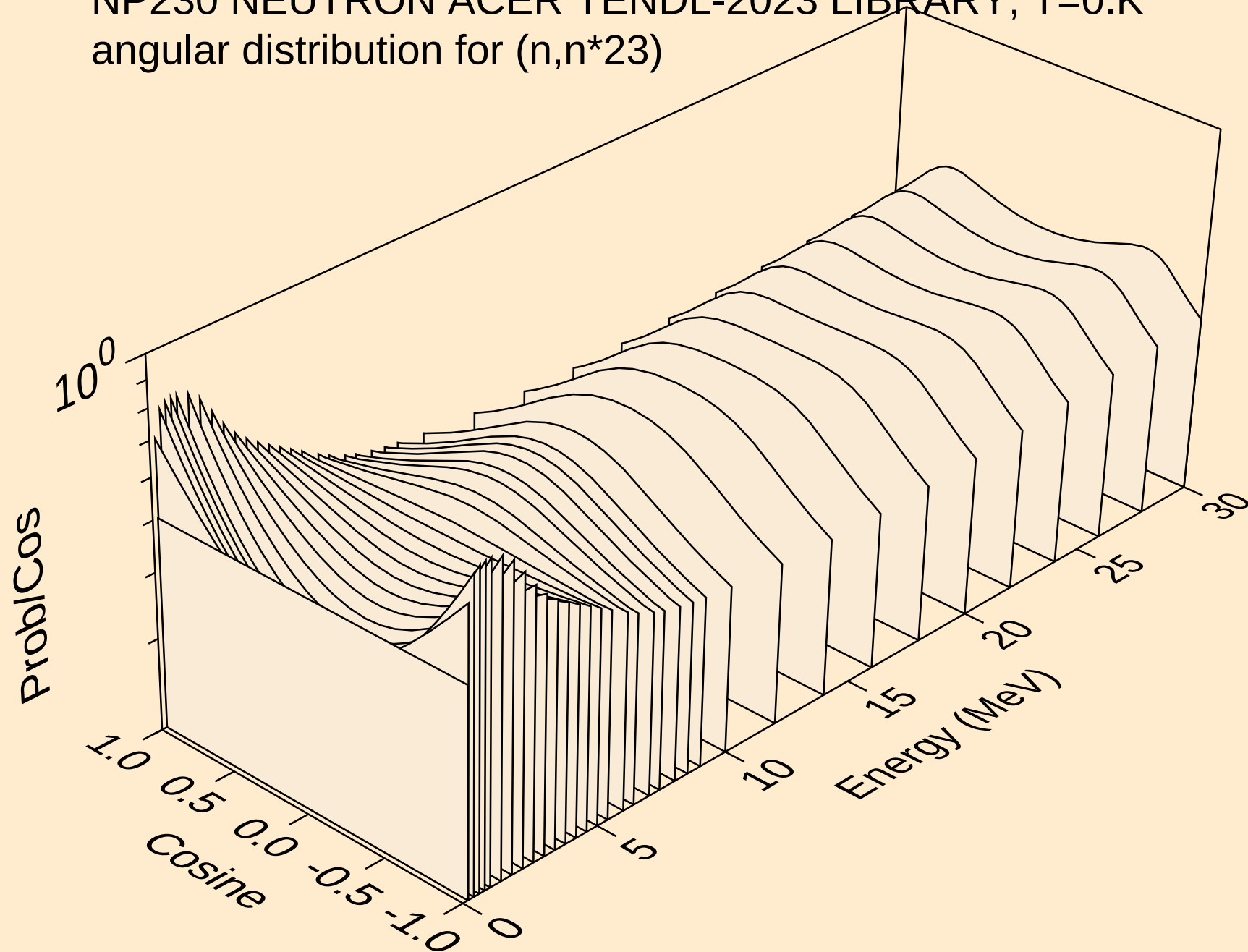
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*21)



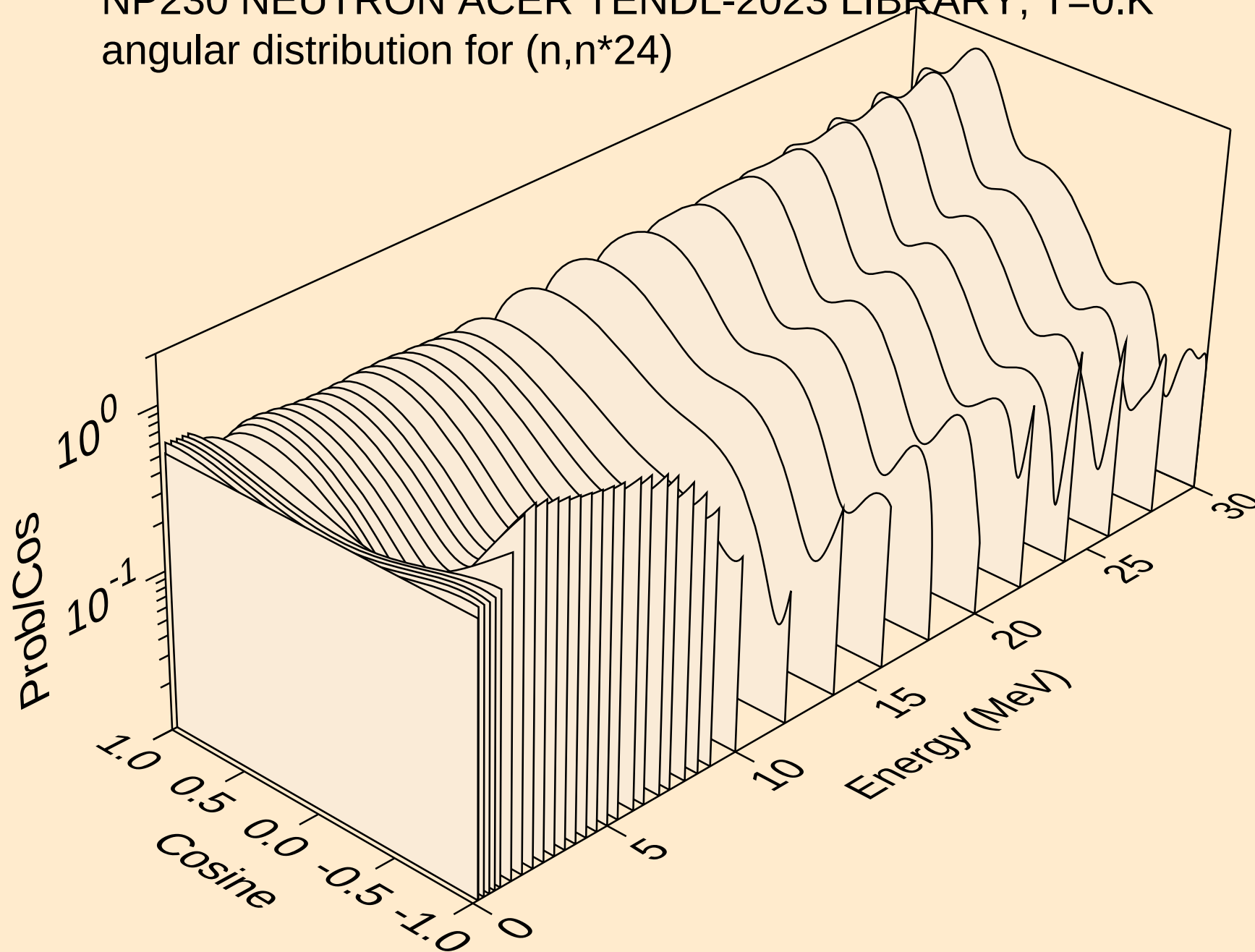
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*22)



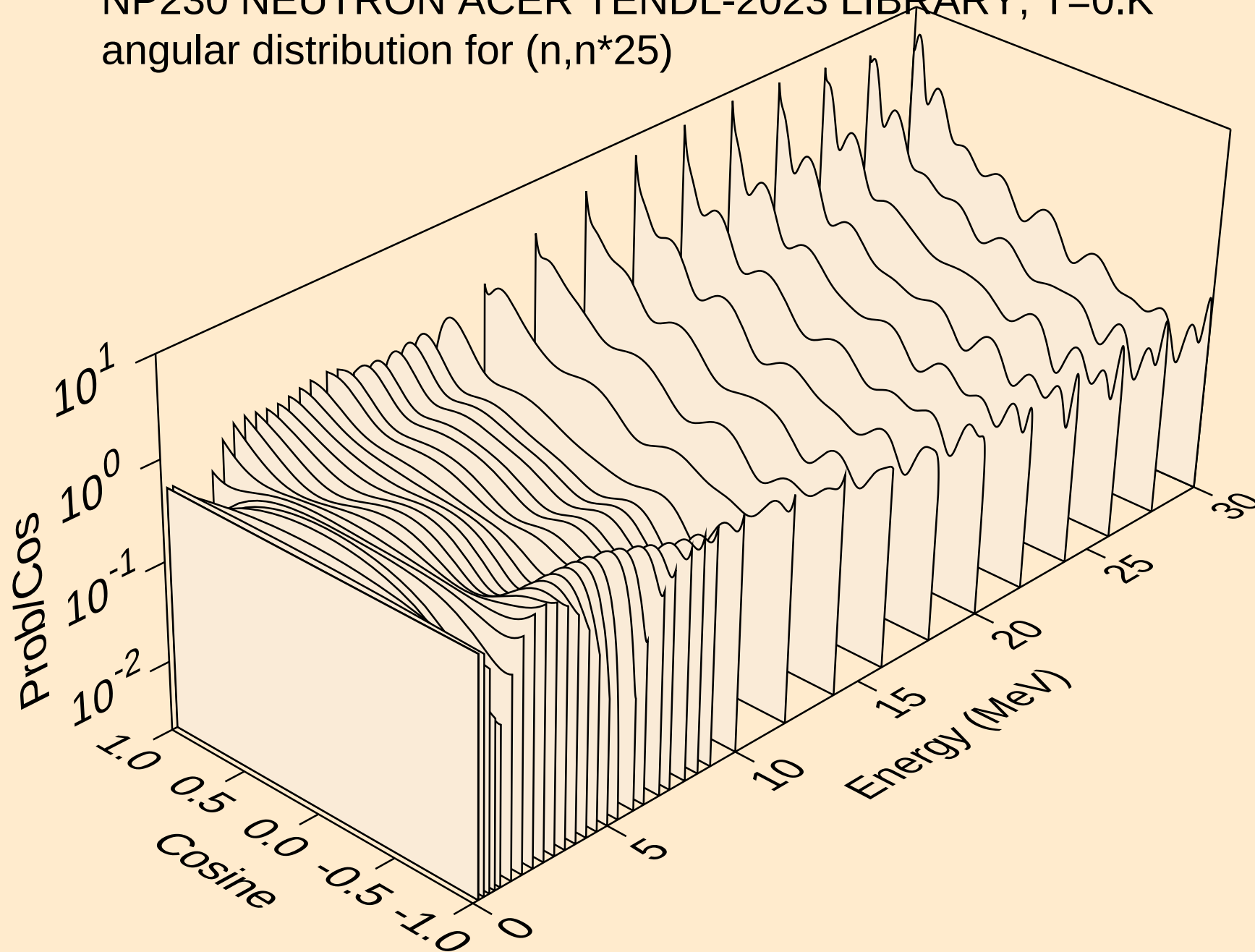
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*23)



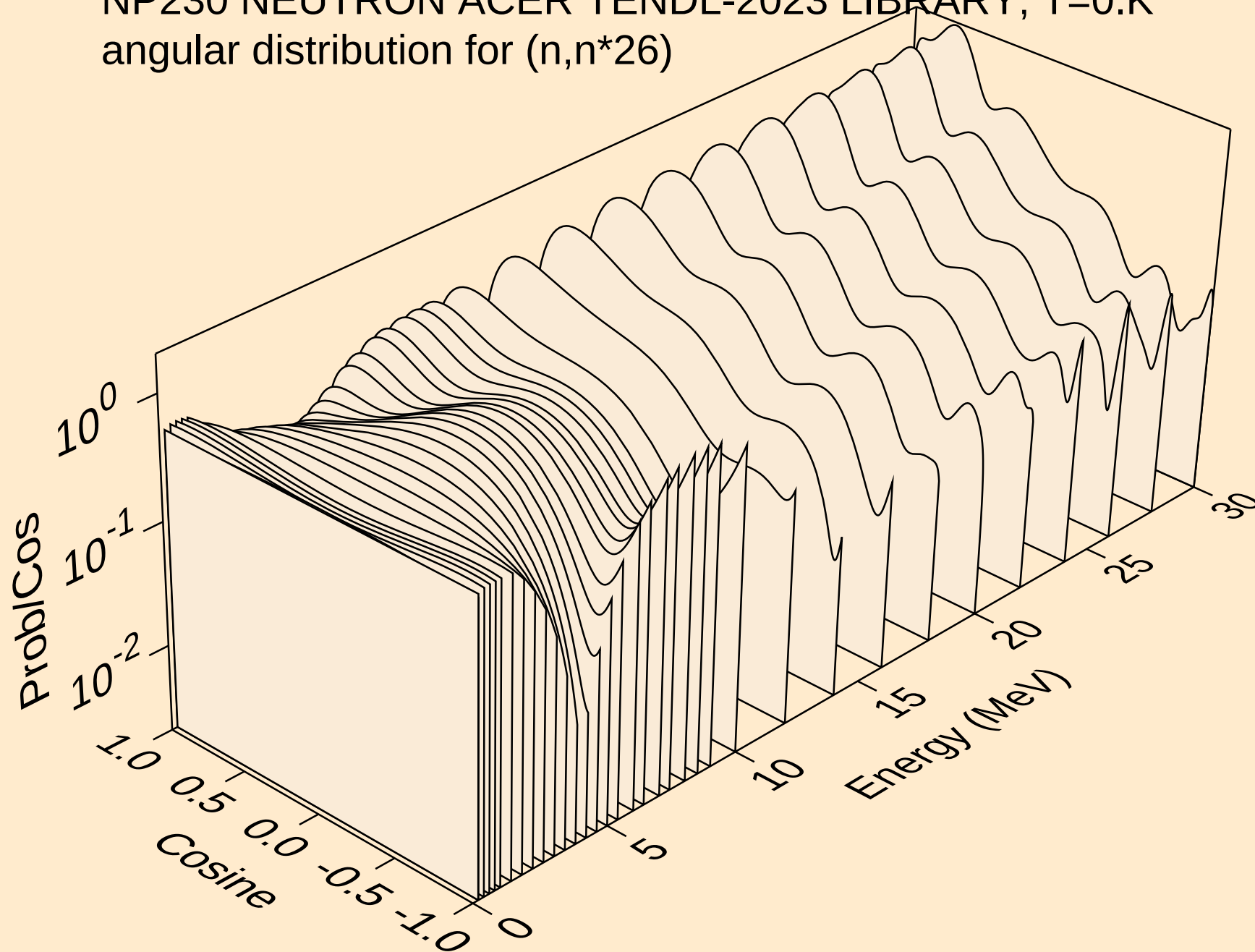
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*24)



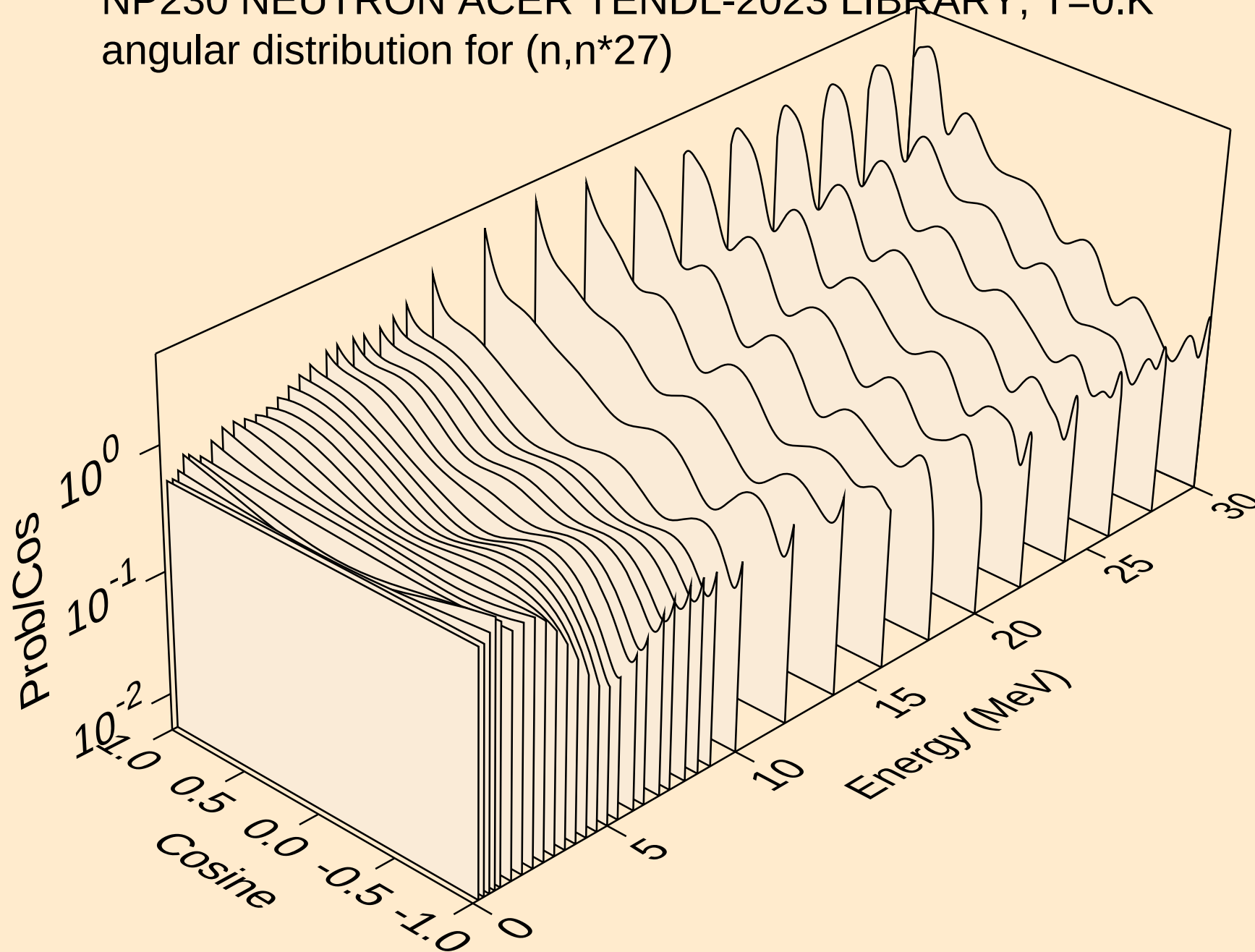
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*25)



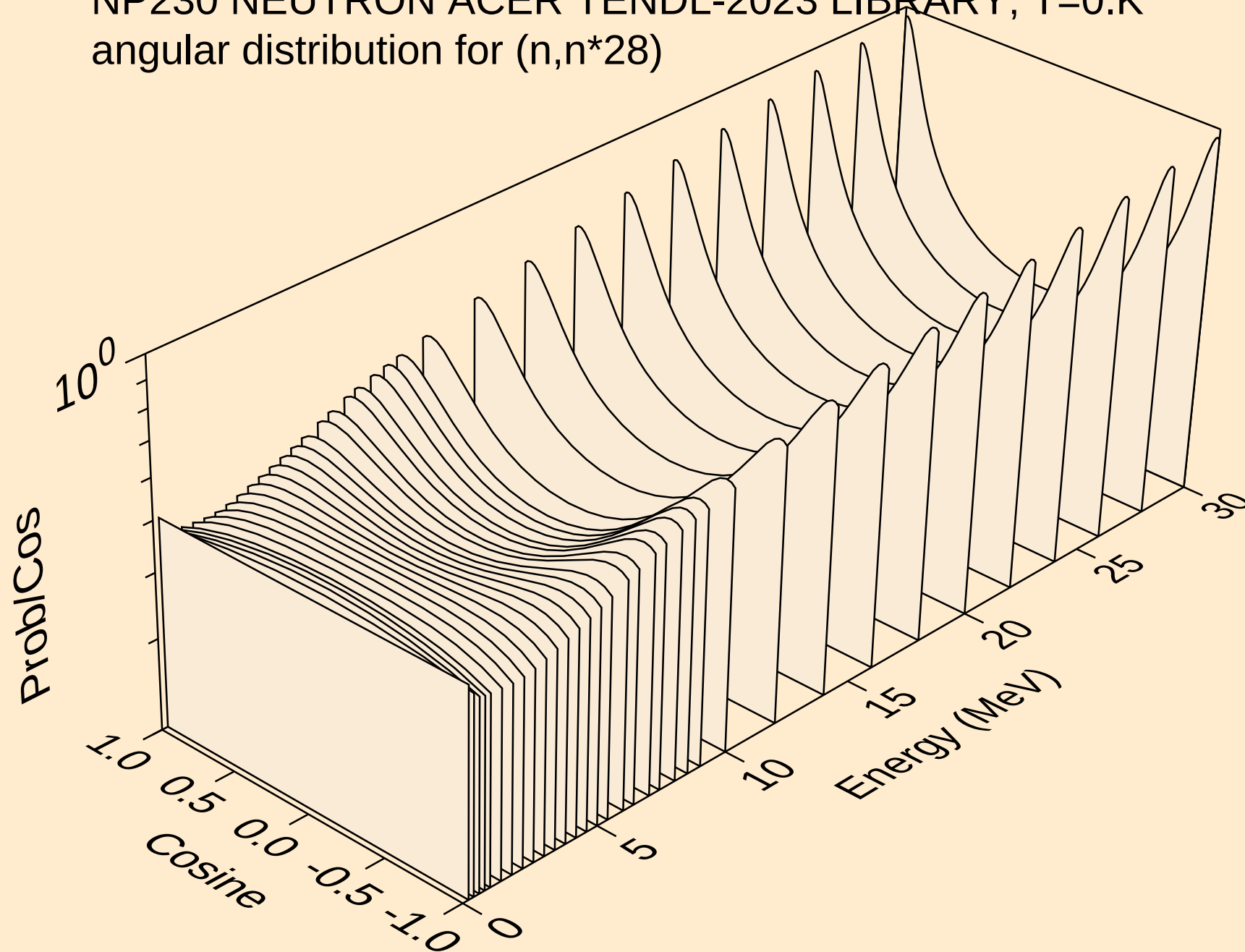
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*26)



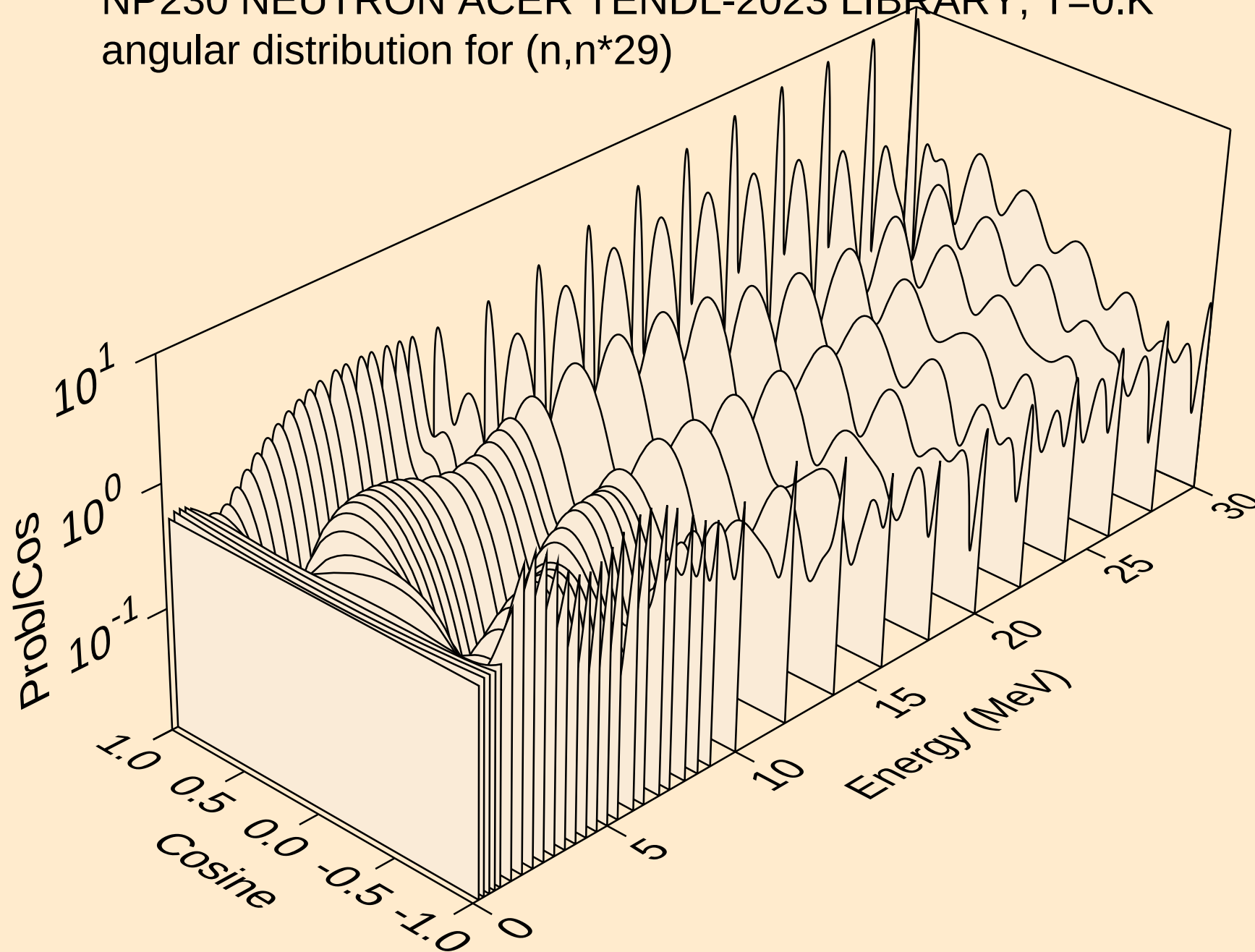
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*27)



NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*28)

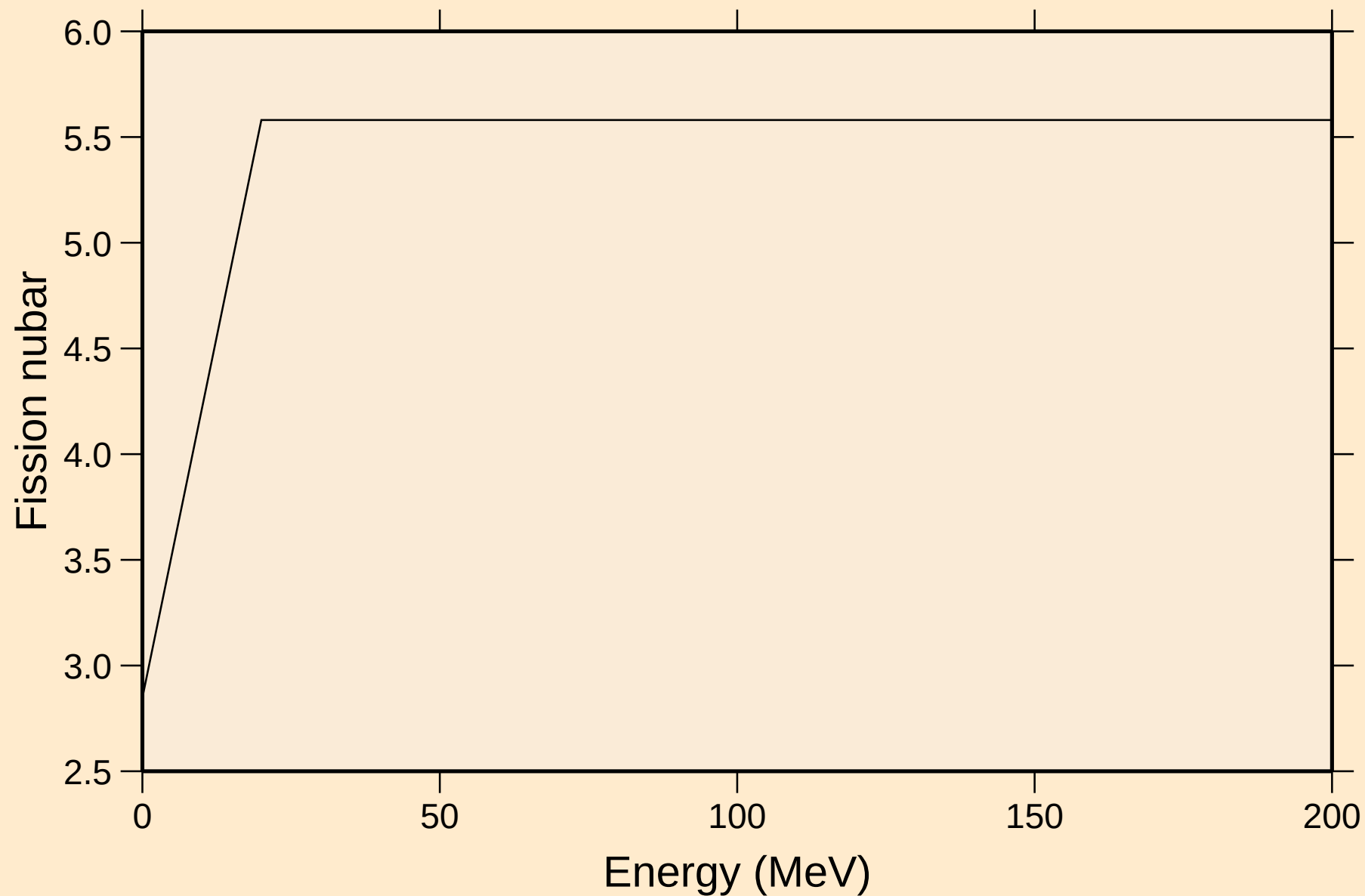


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*29)

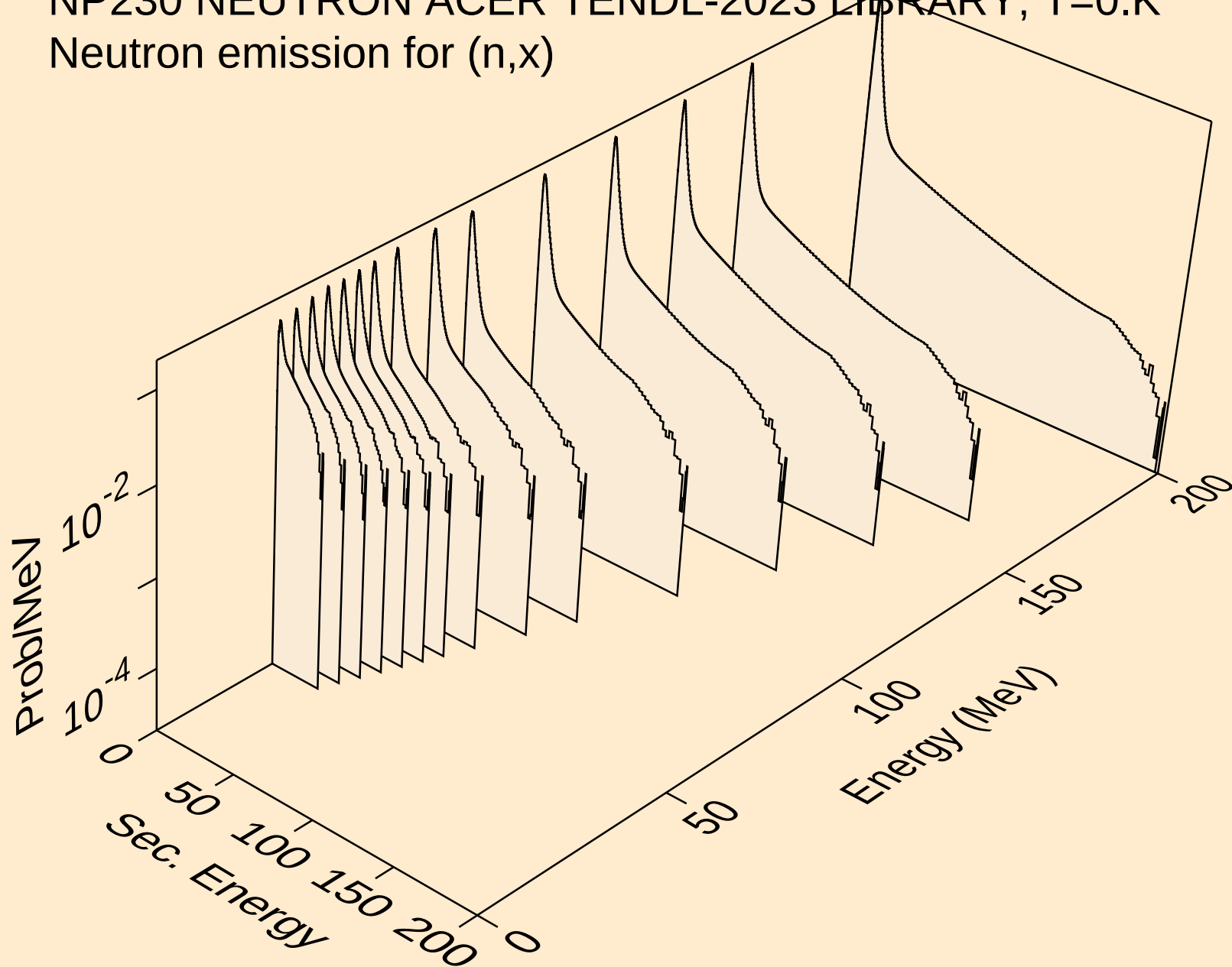


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

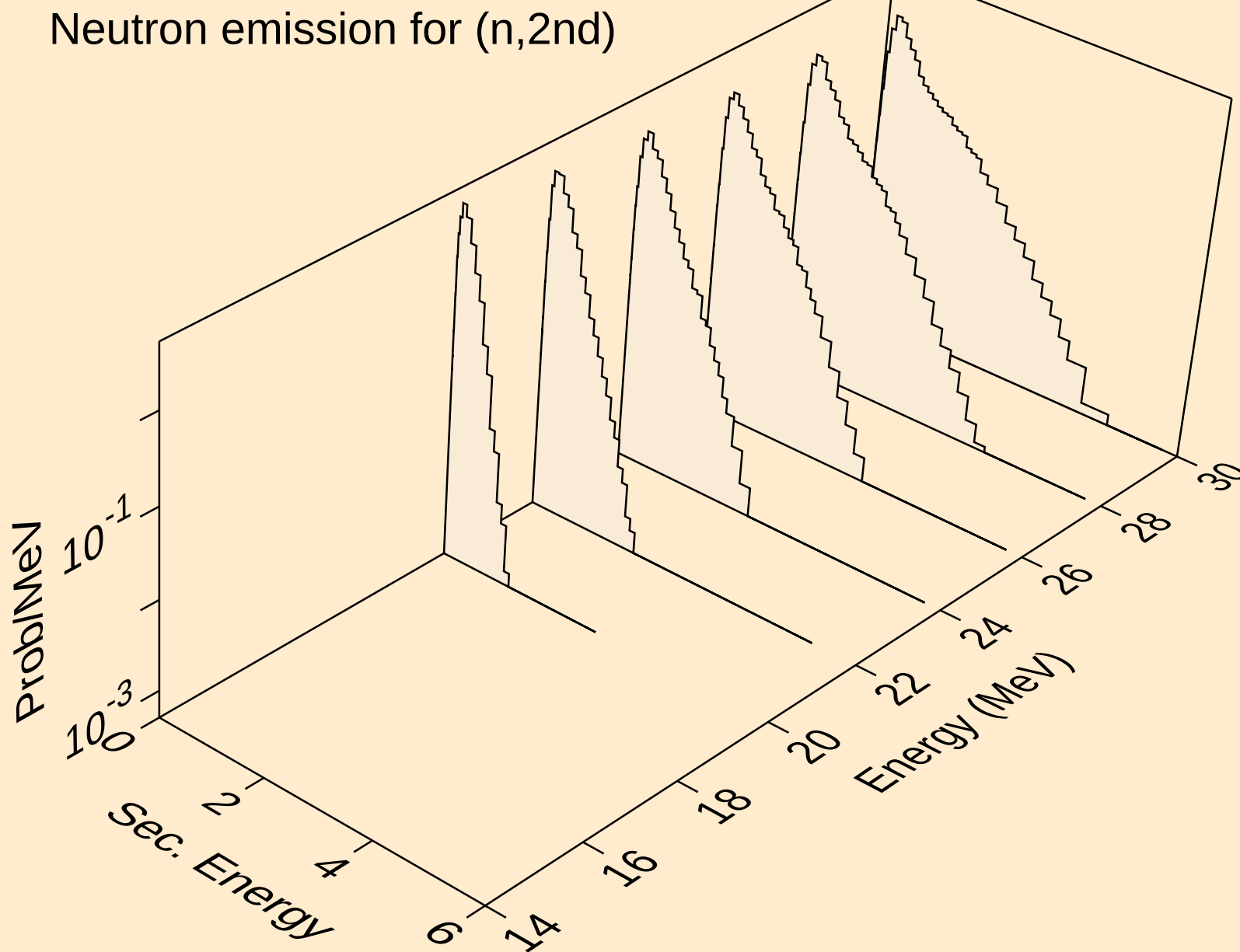
Total fission nubar



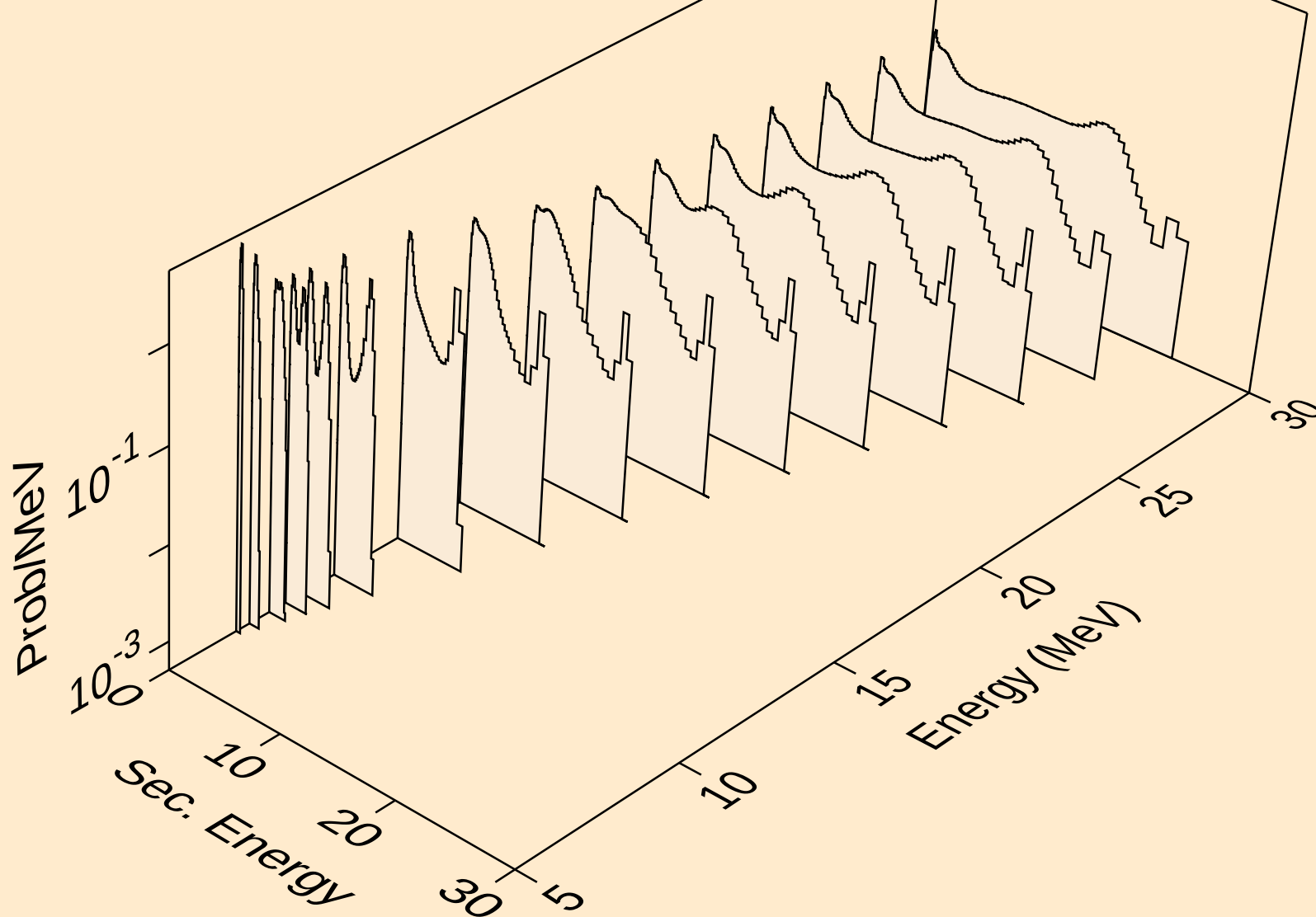
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



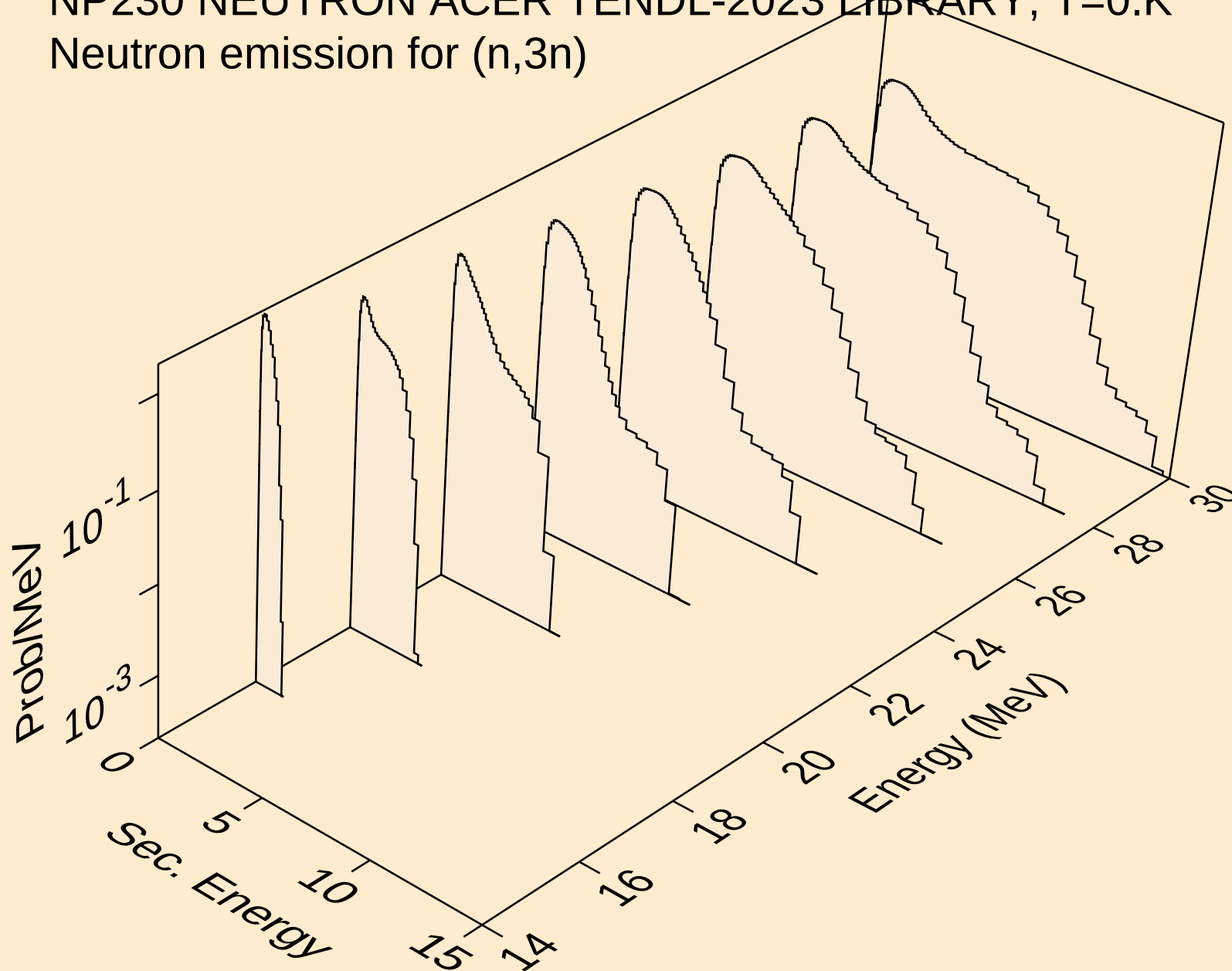
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



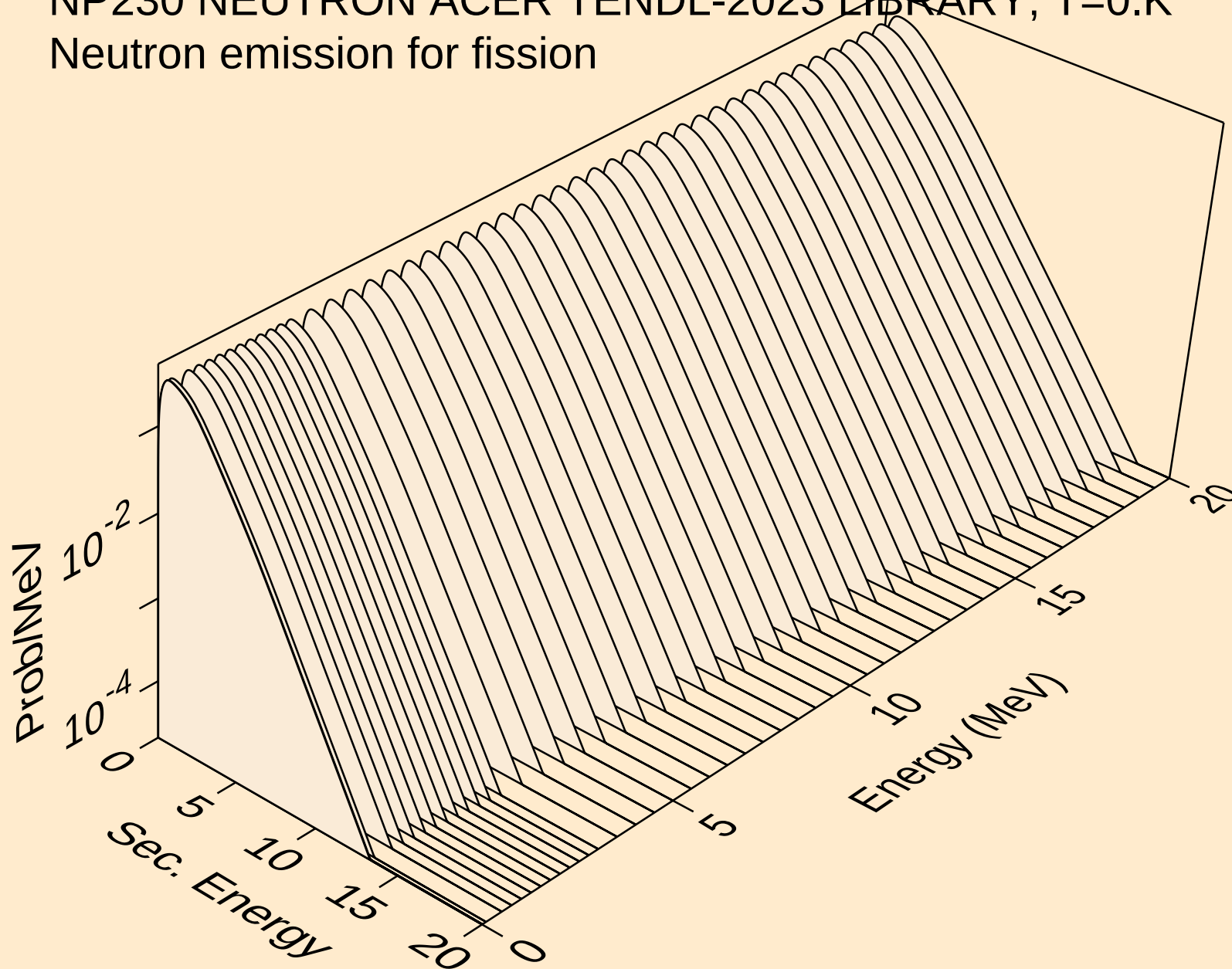
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



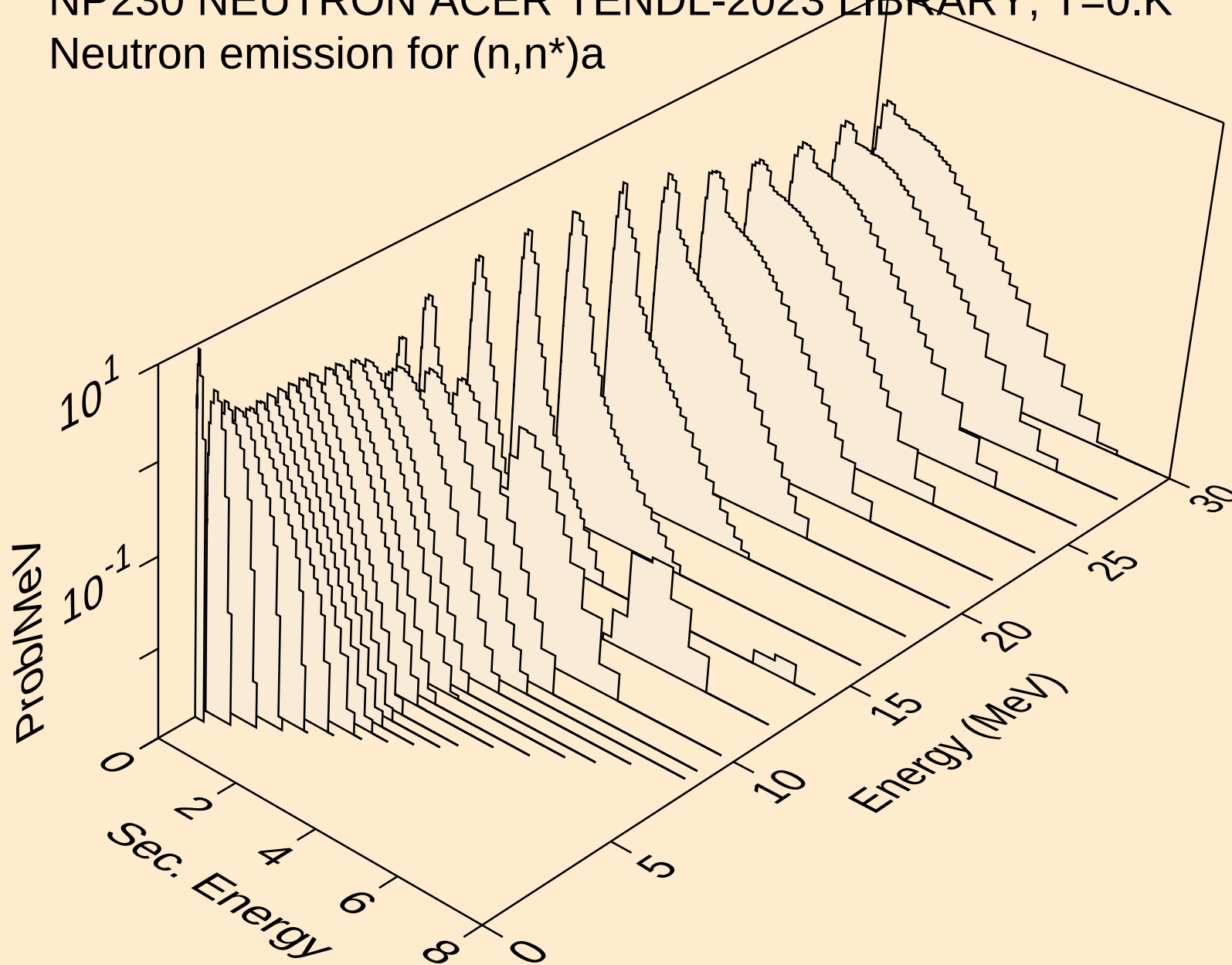
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



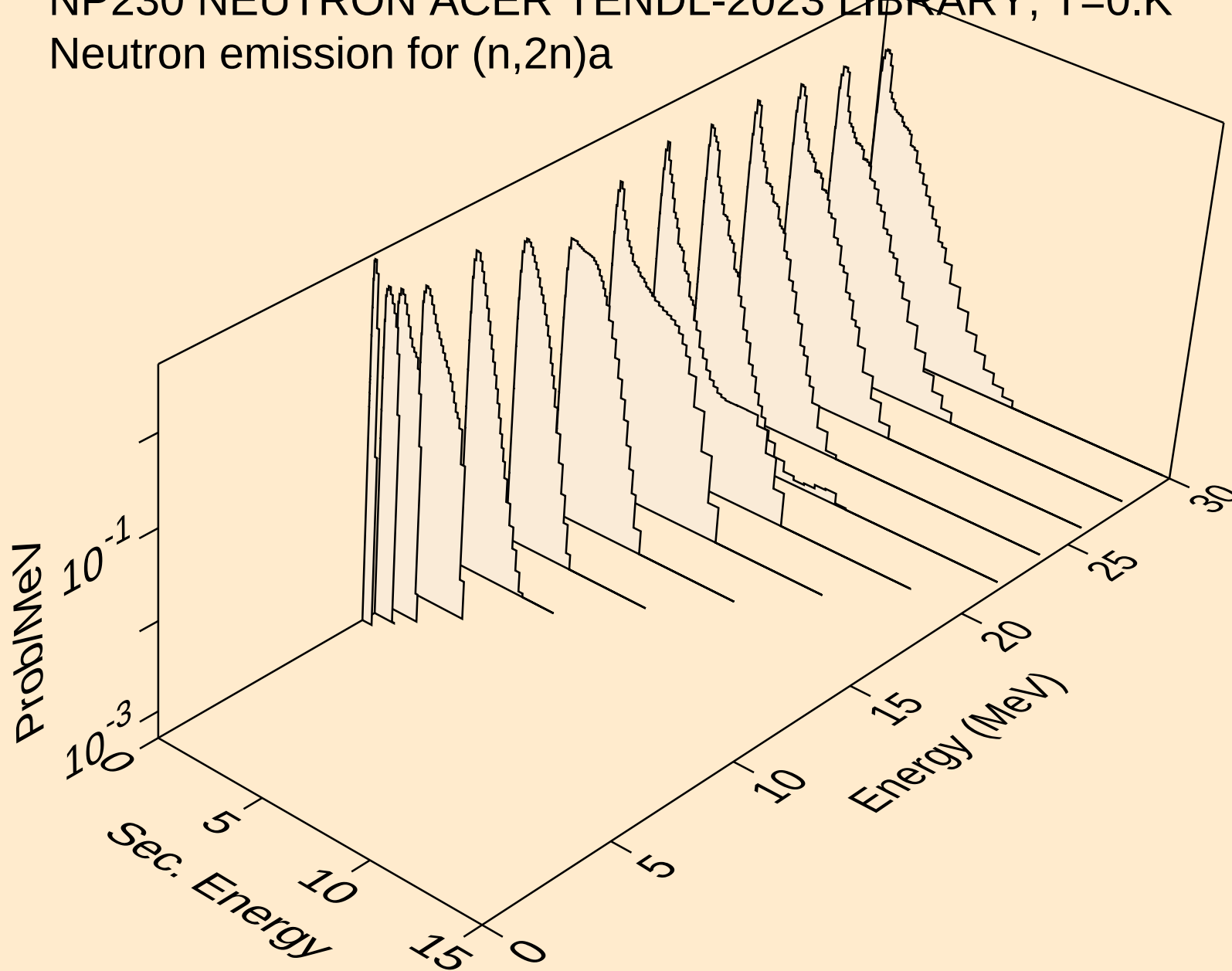
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission



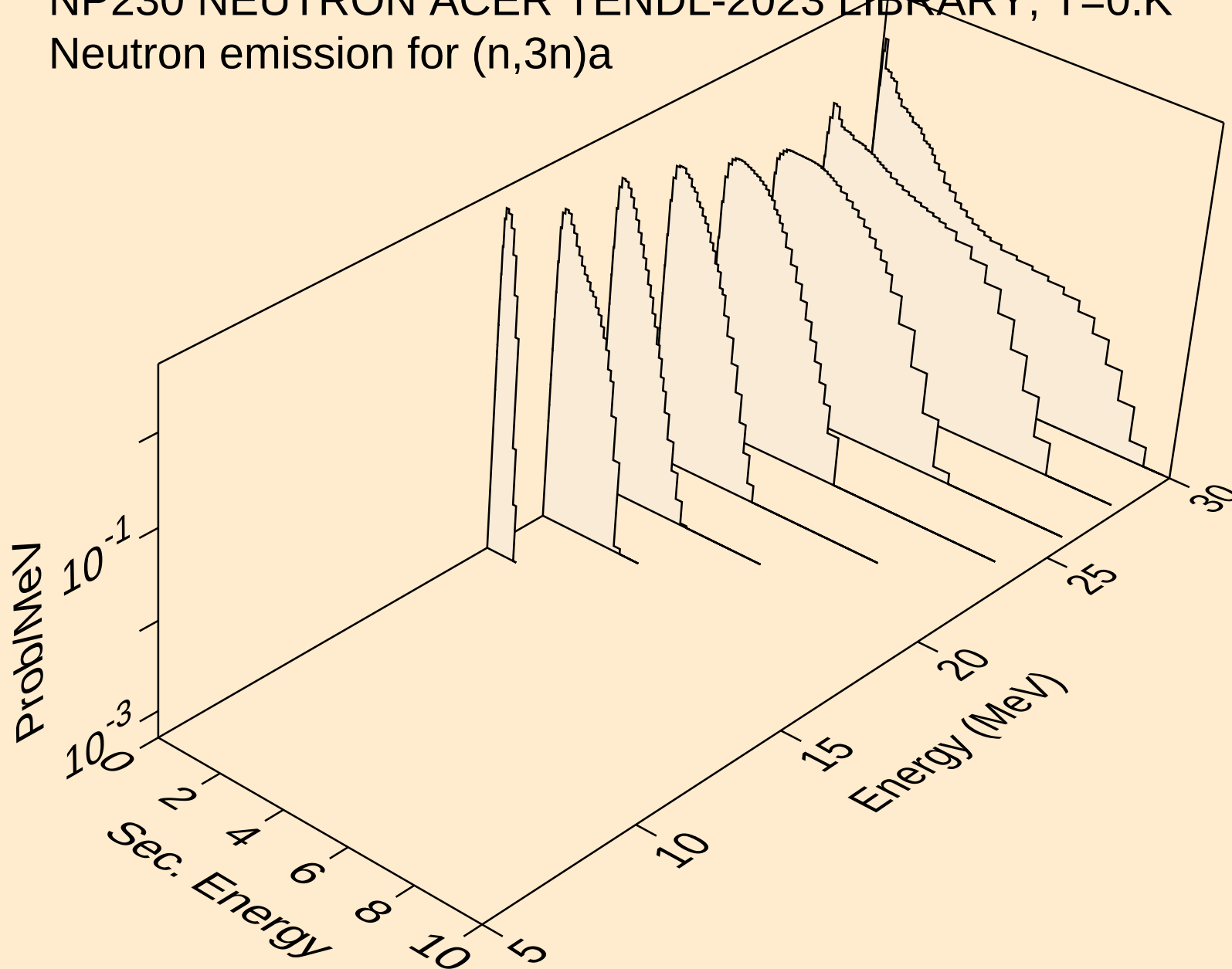
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



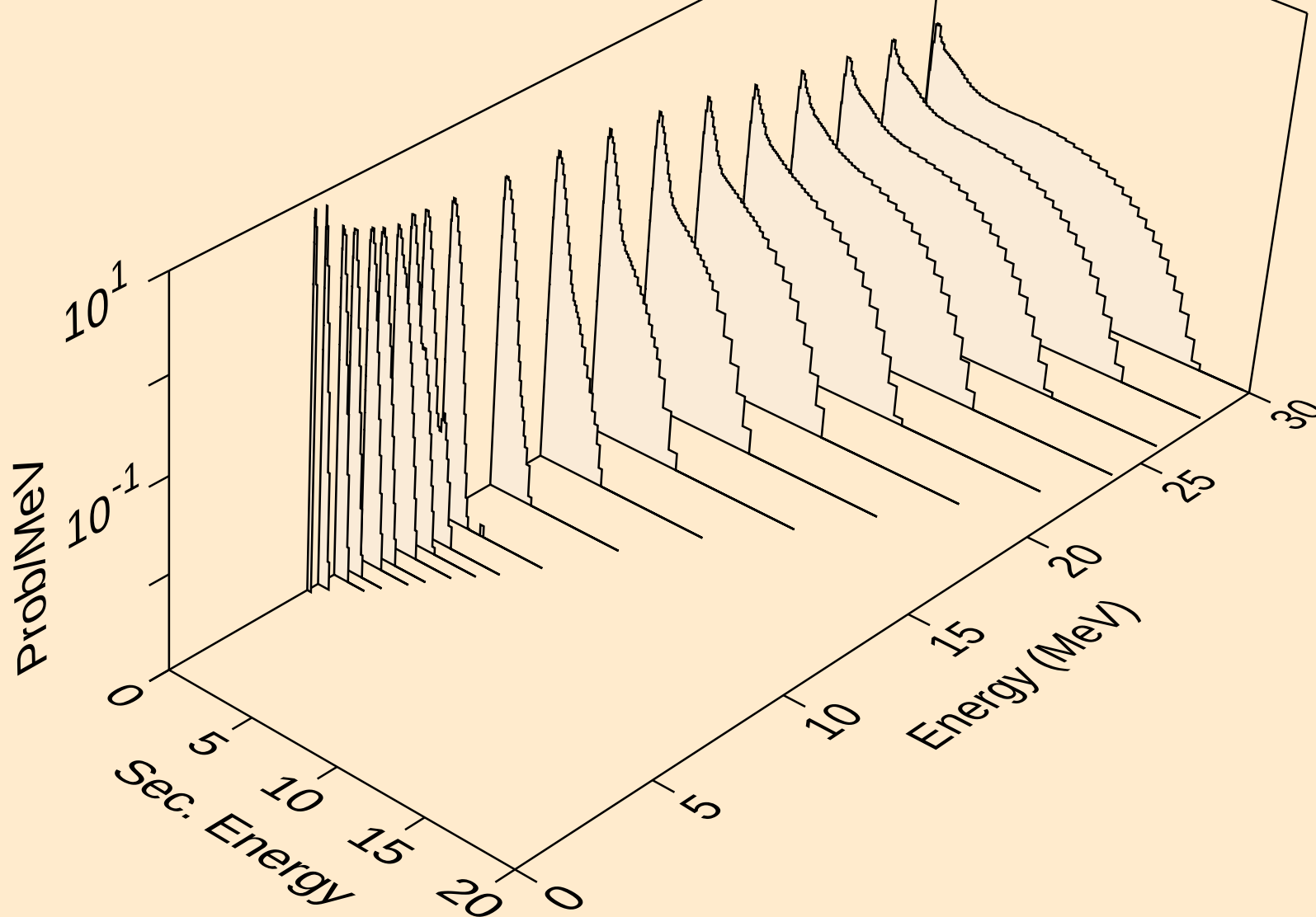
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



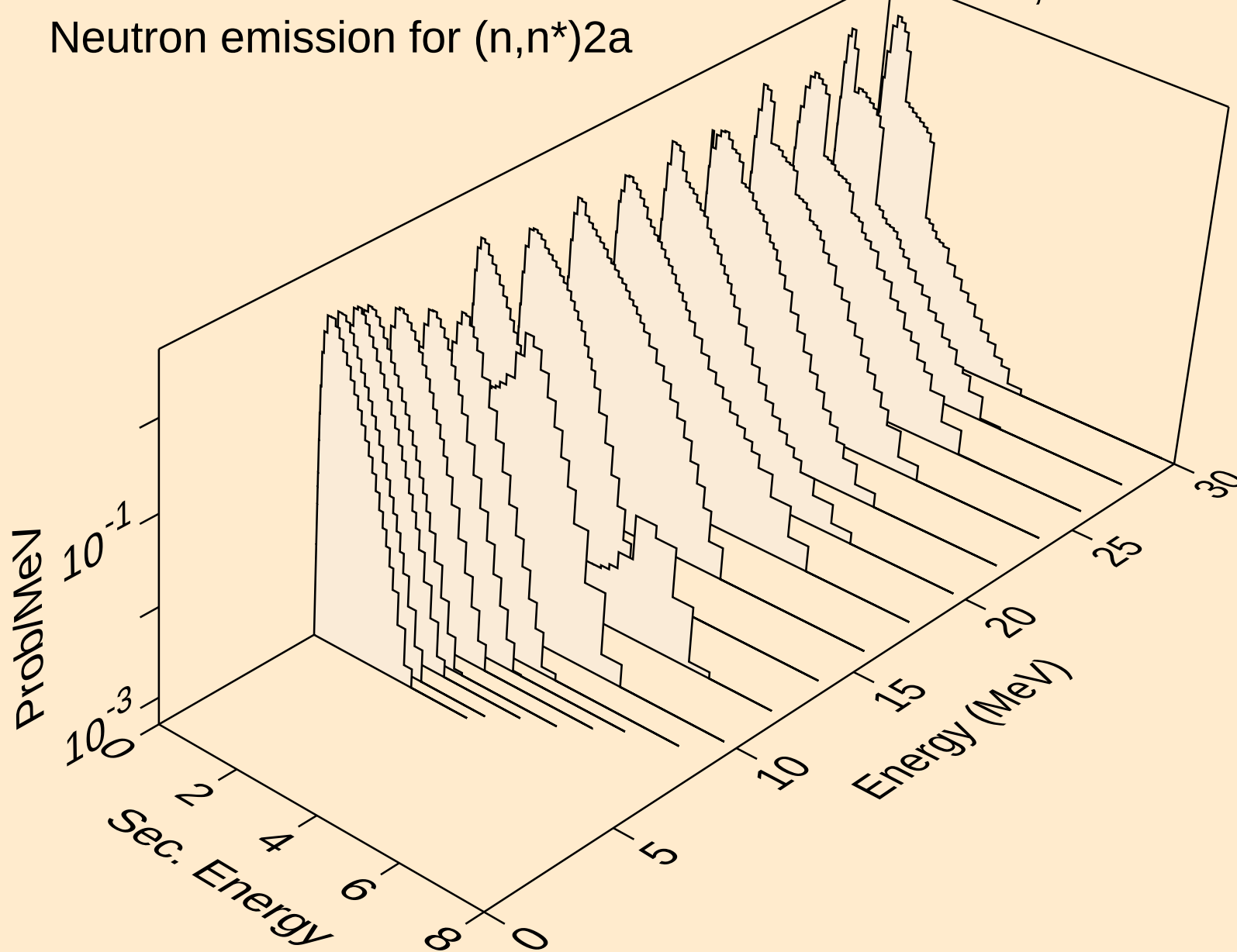
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



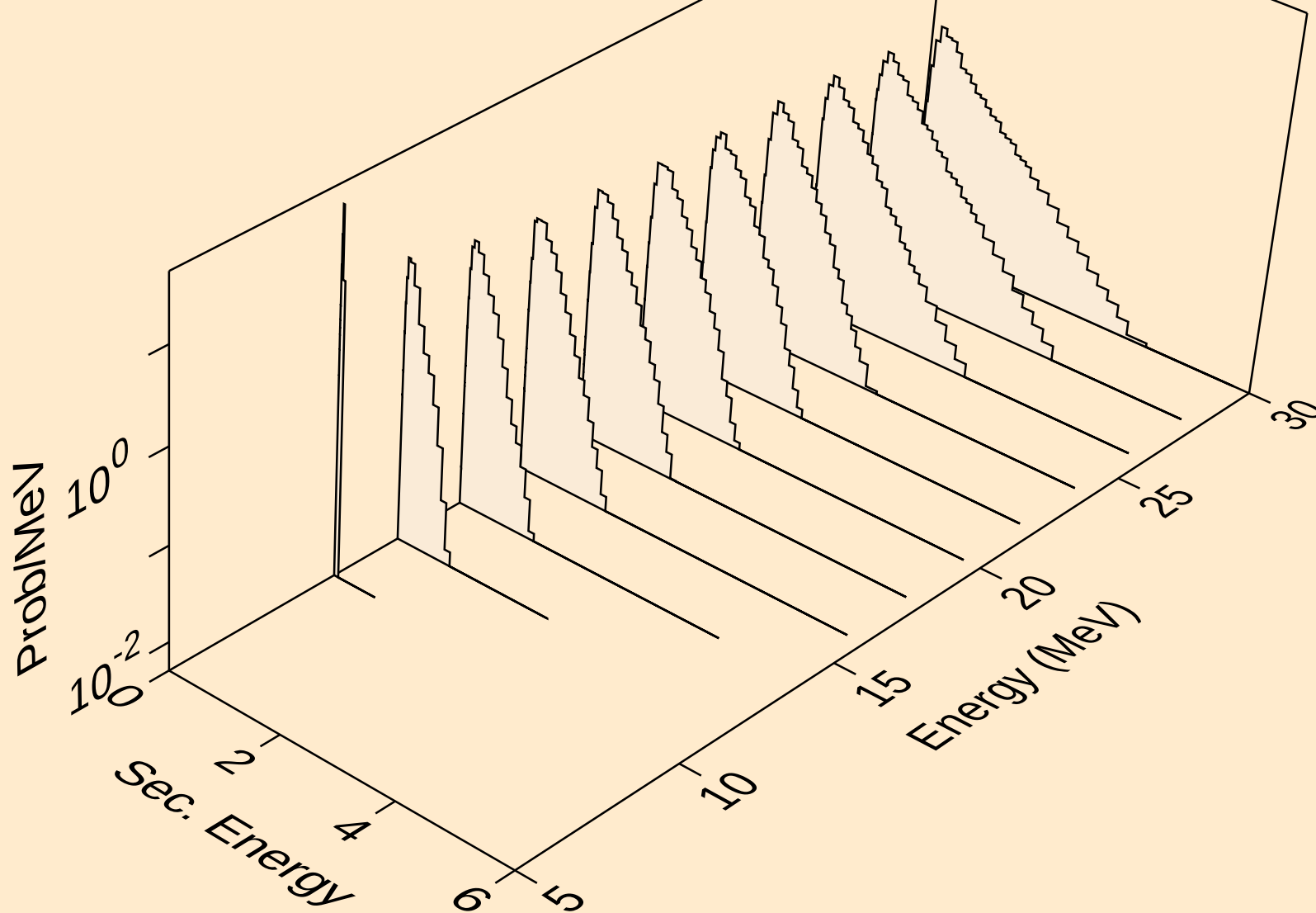
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a

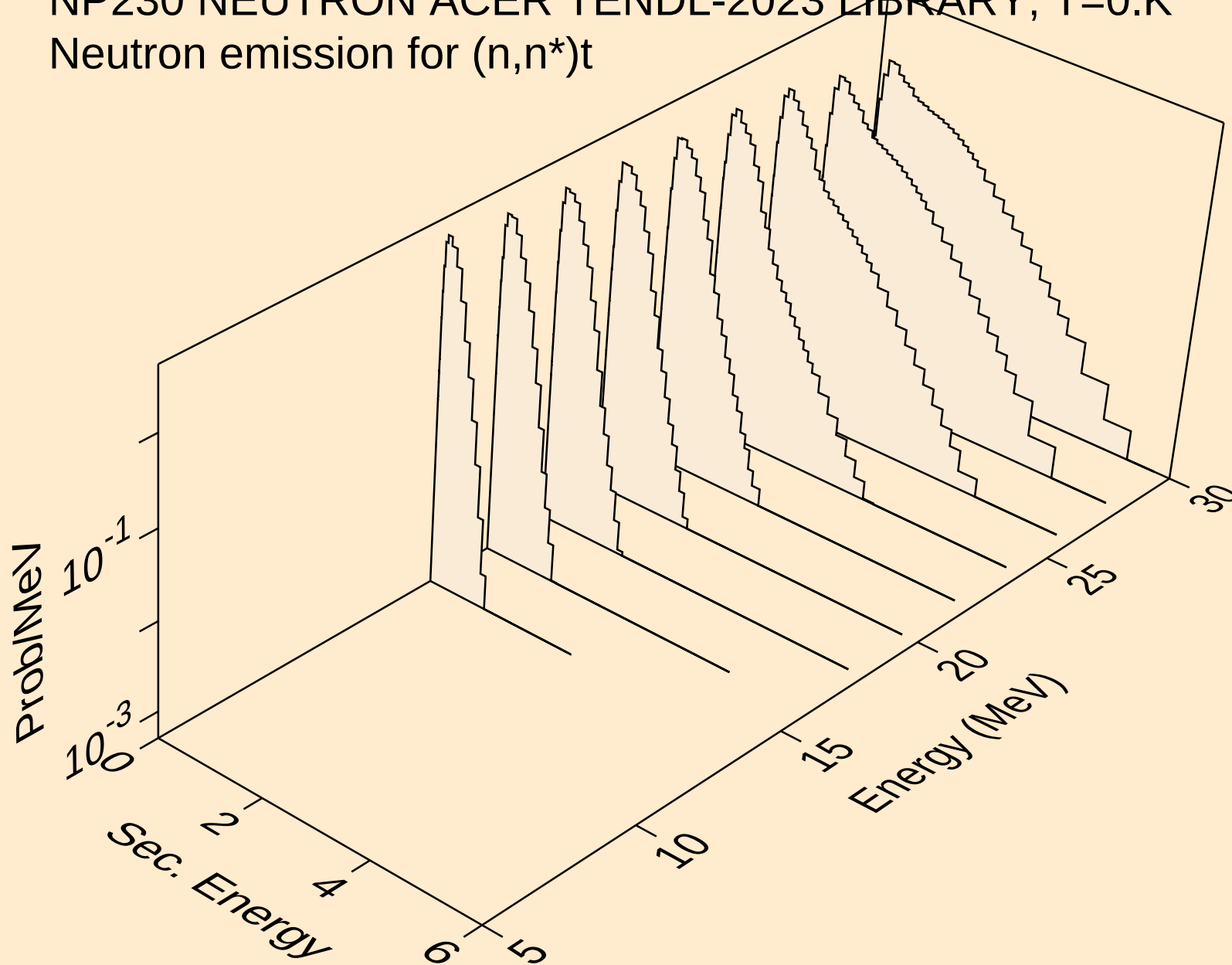


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d

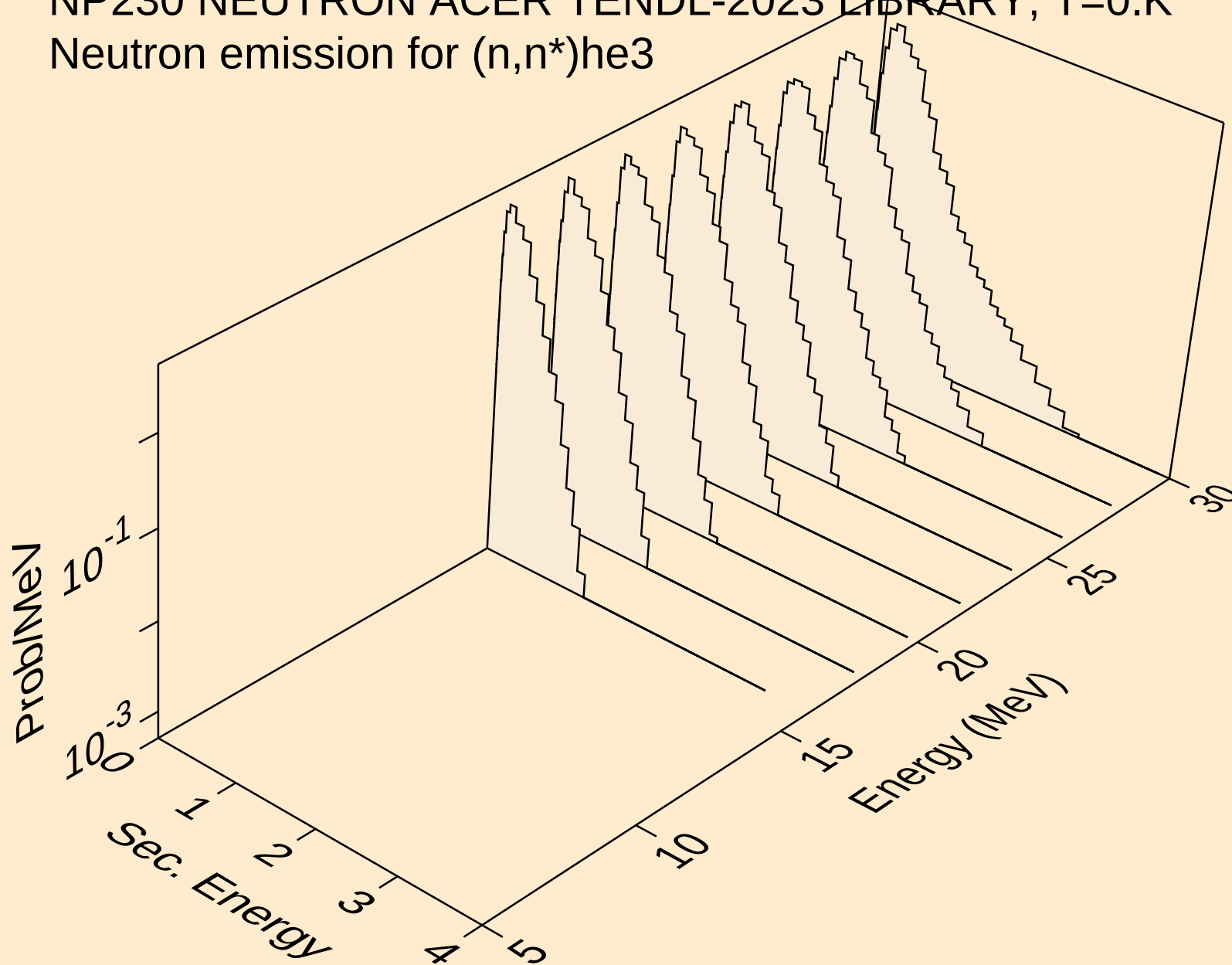


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

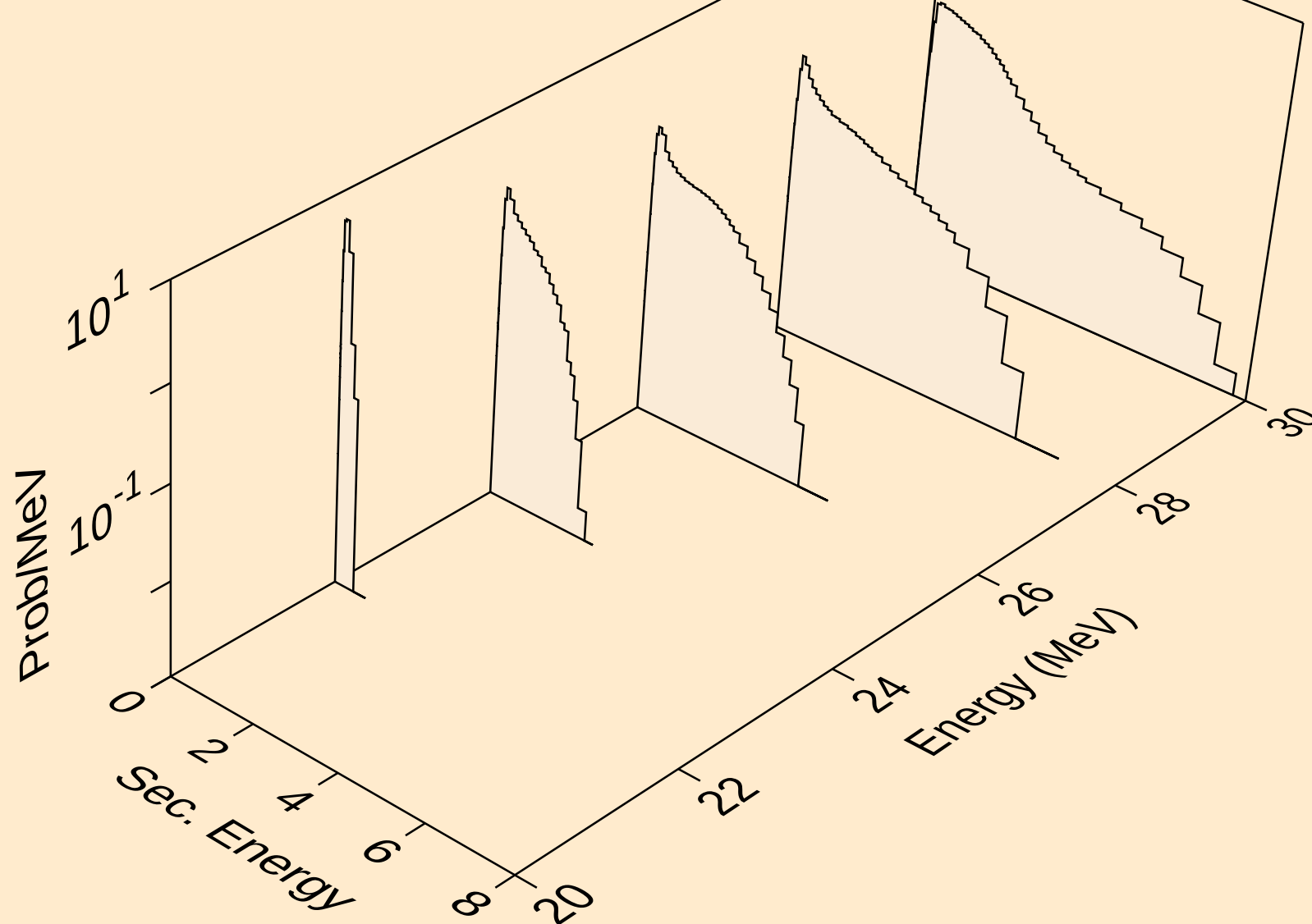
Neutron emission for (n,n*)t



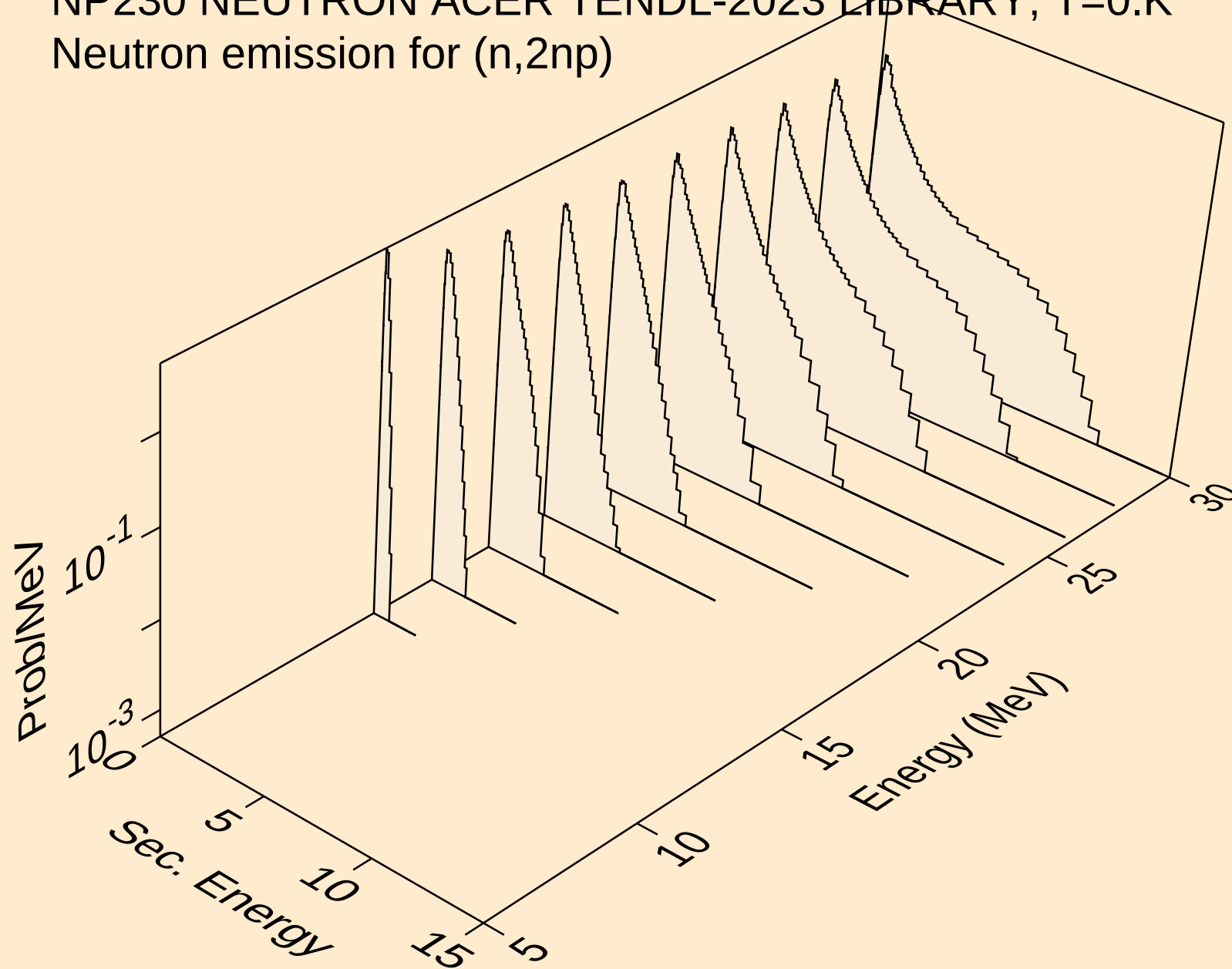
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



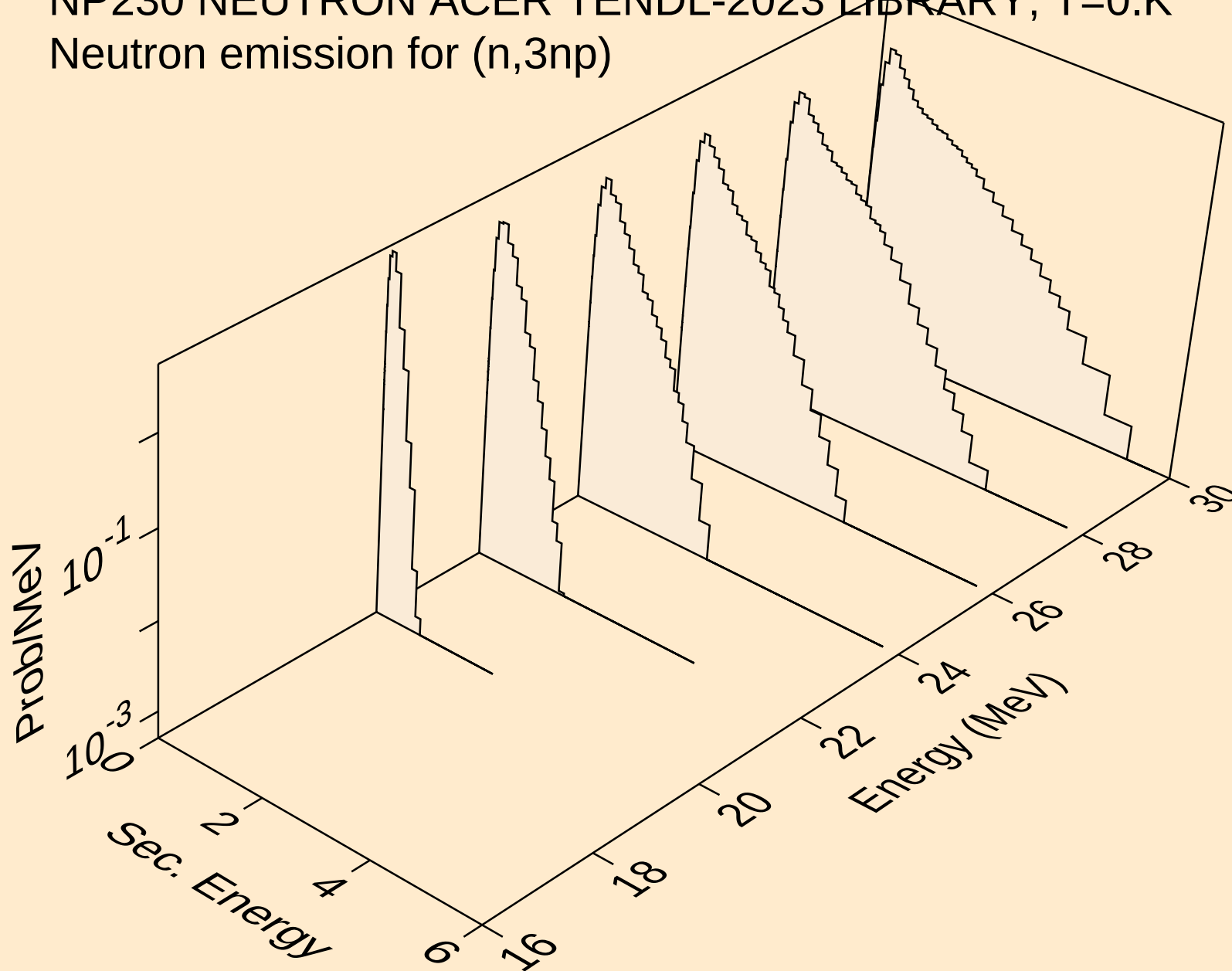
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



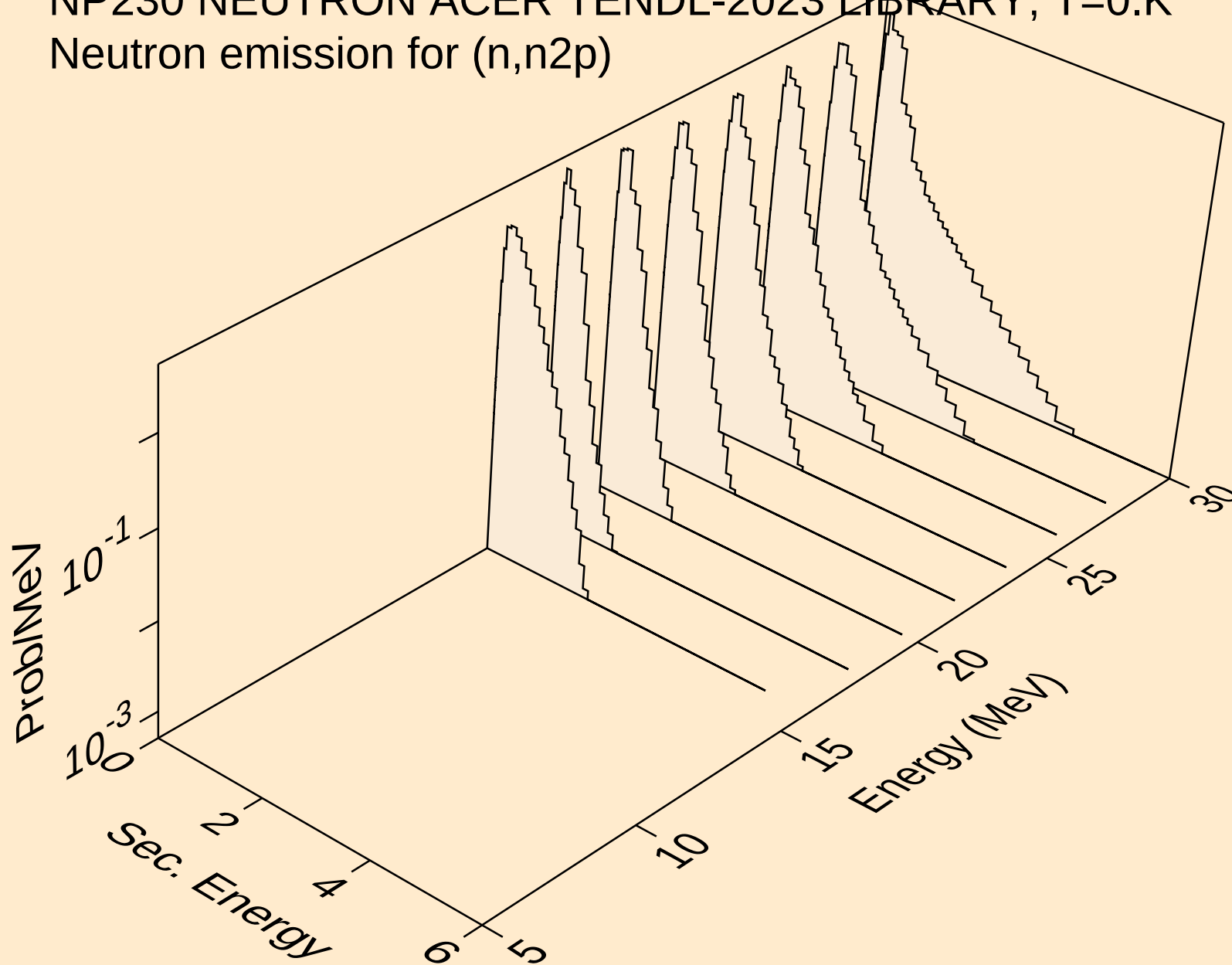
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



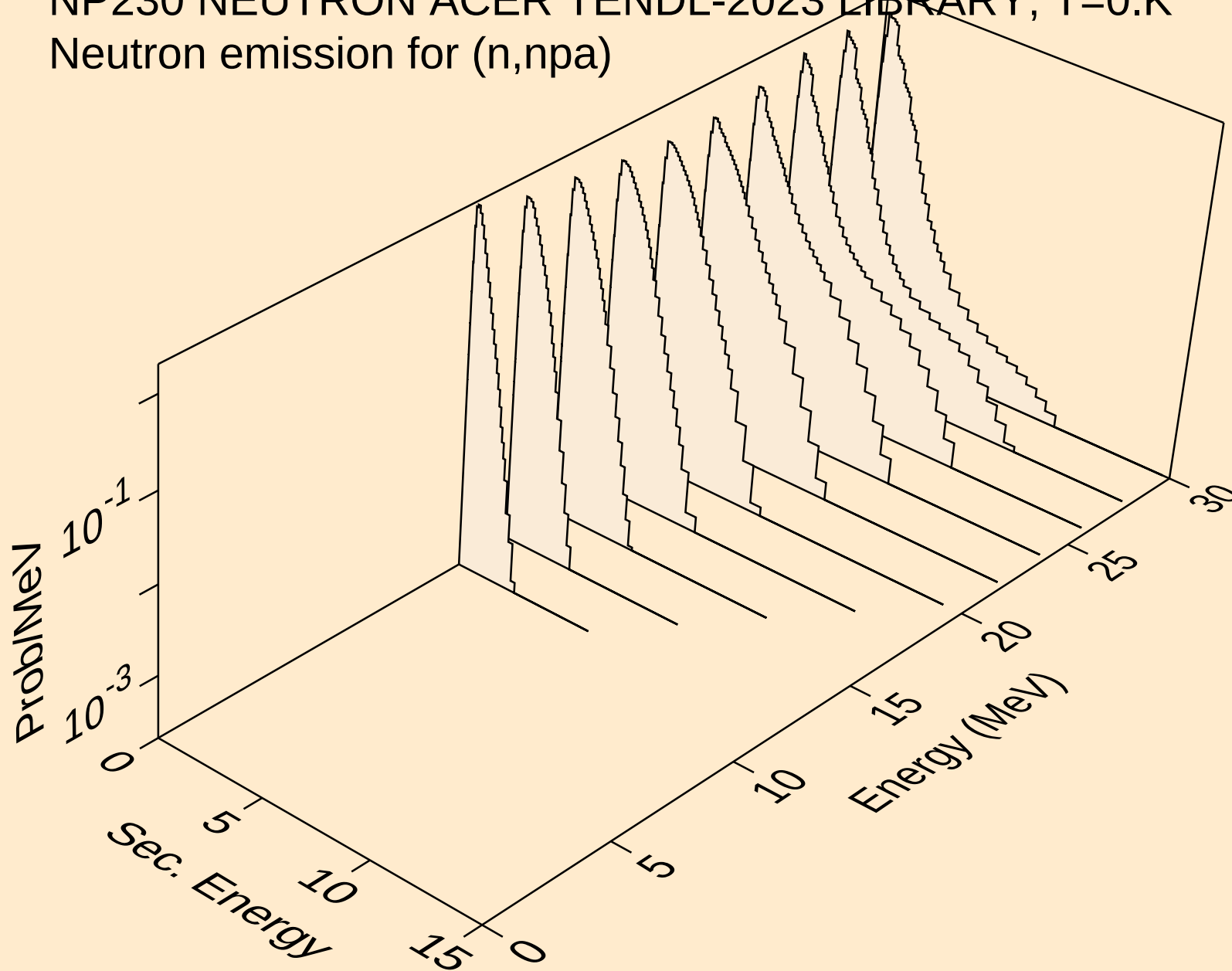
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



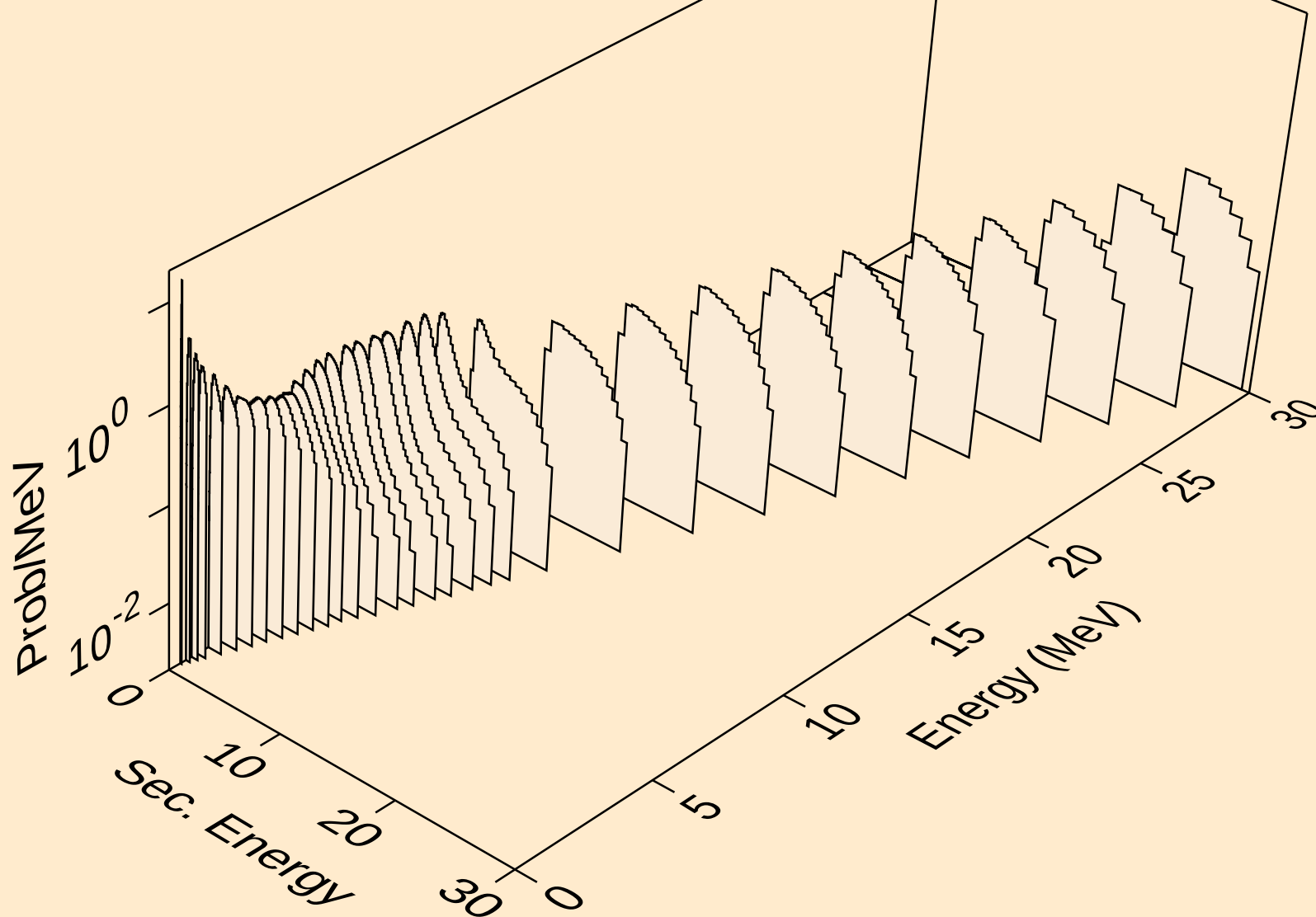
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)

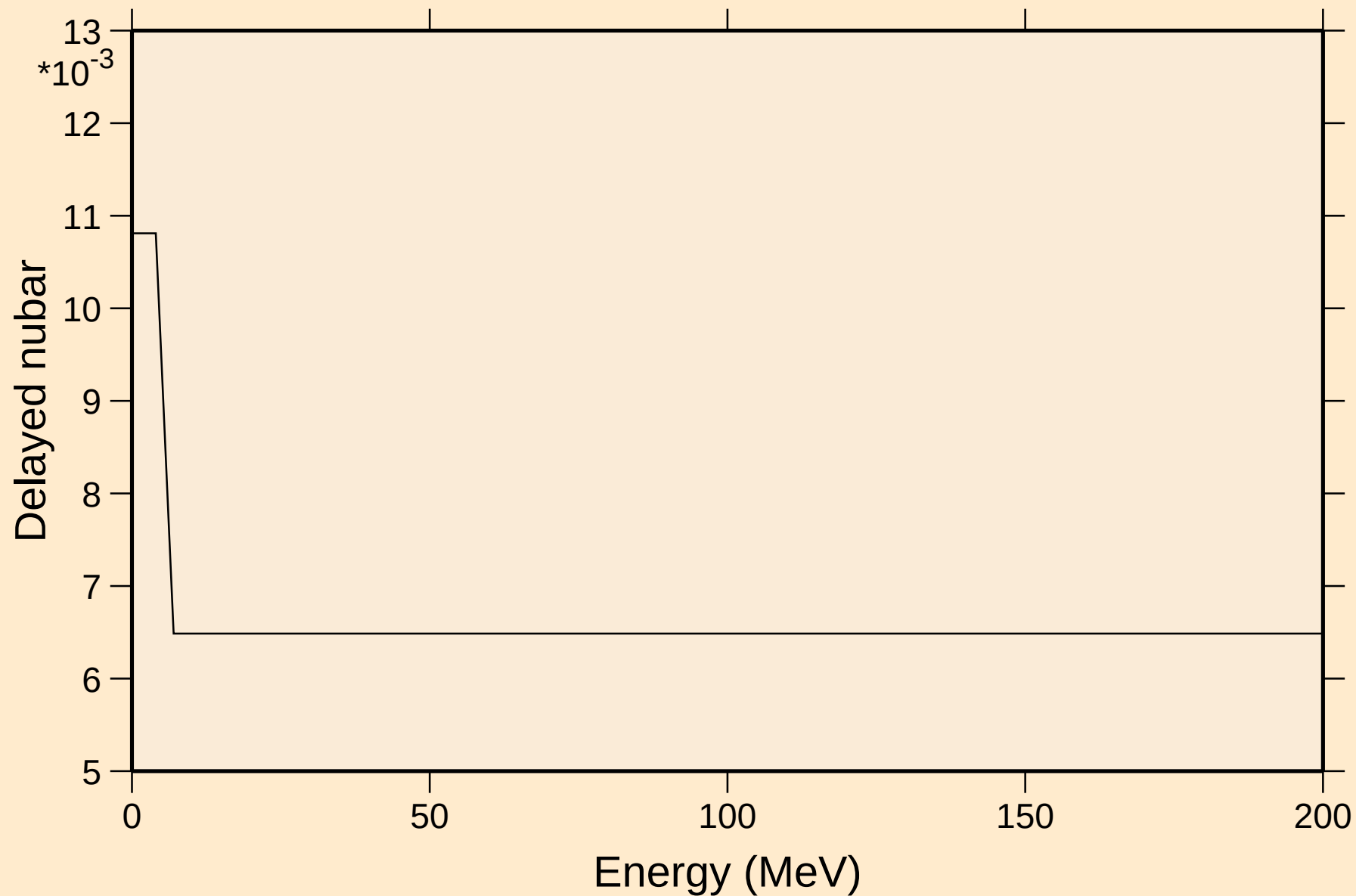


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



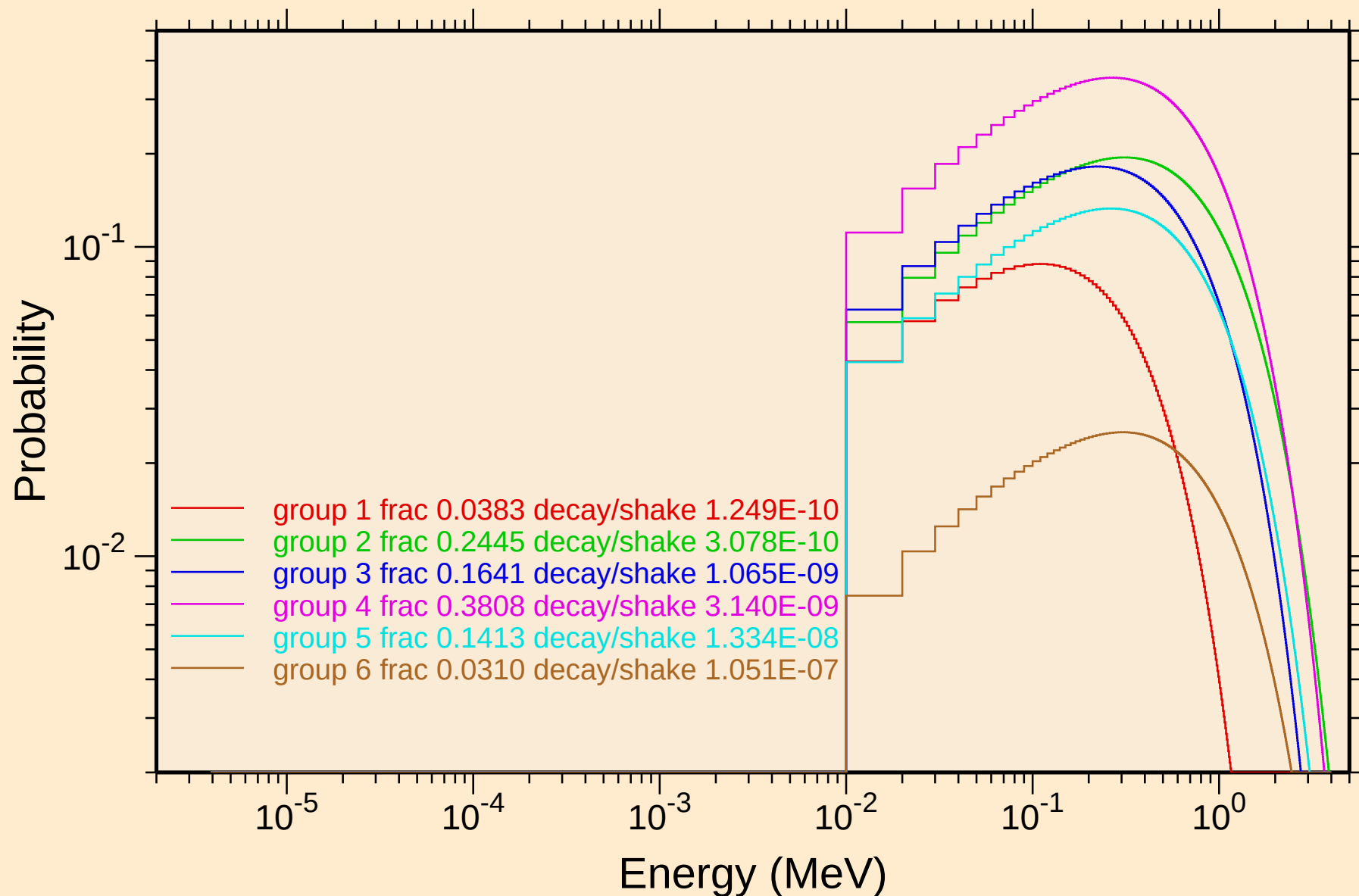
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

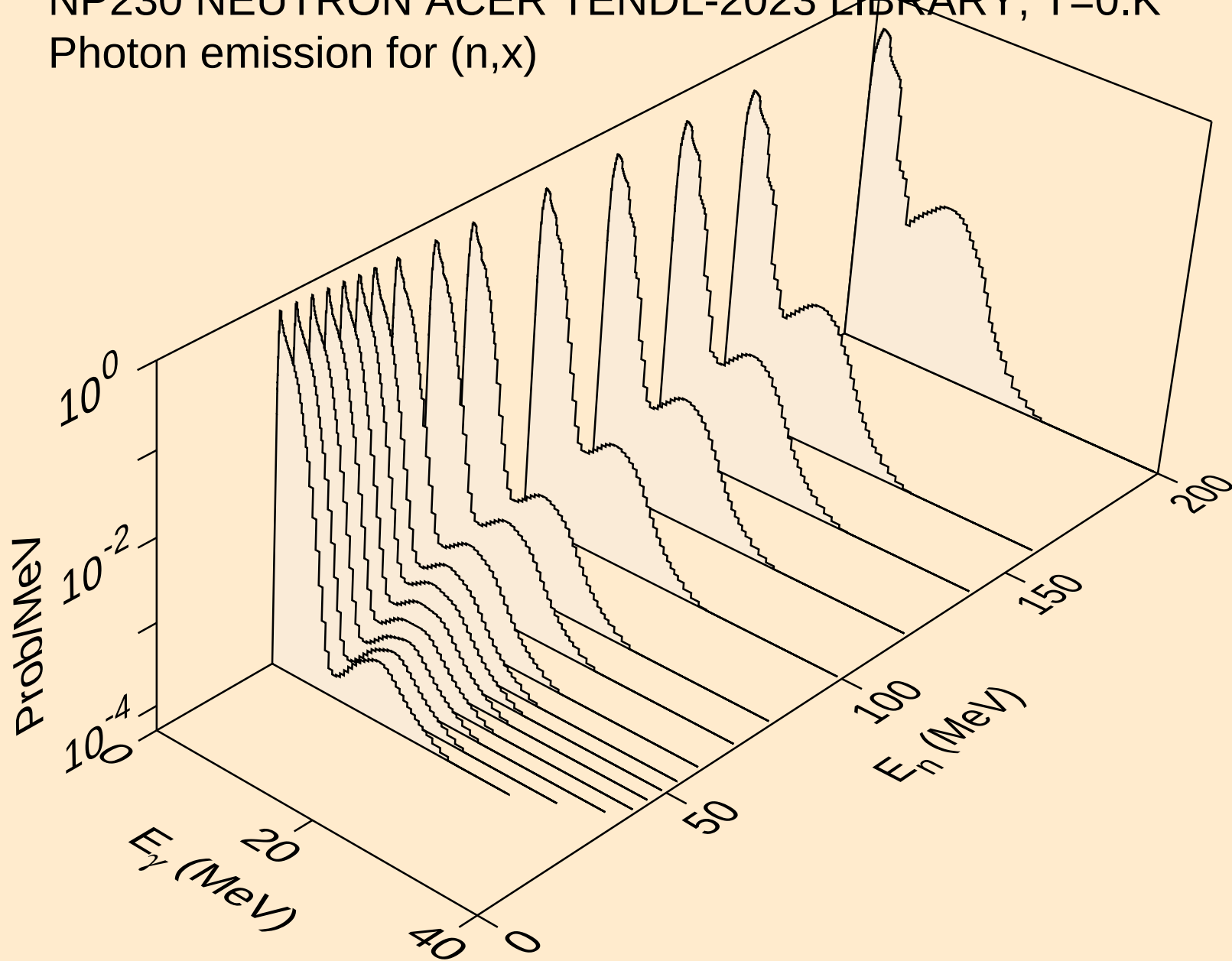


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

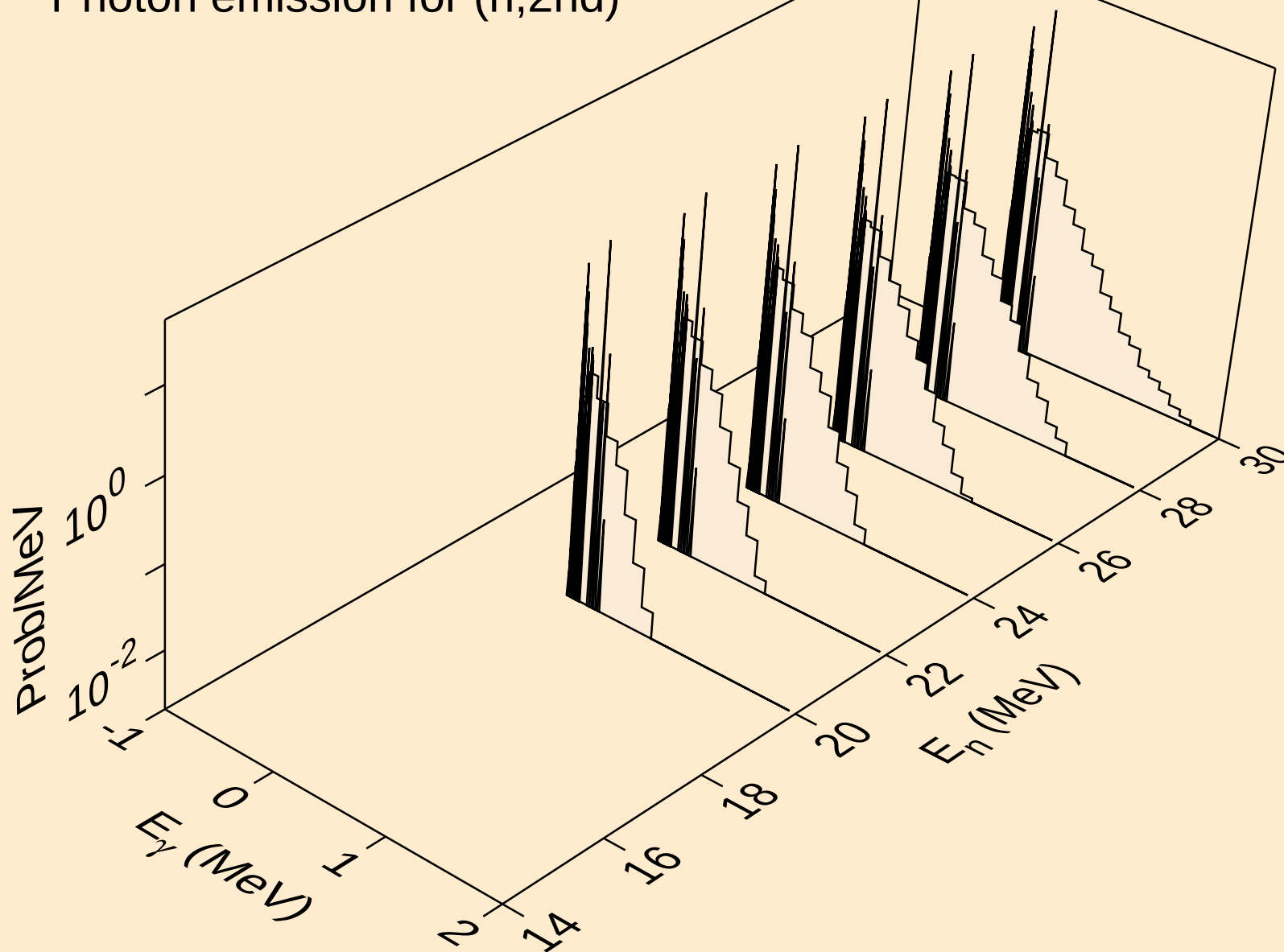
Delayed neutron spectra



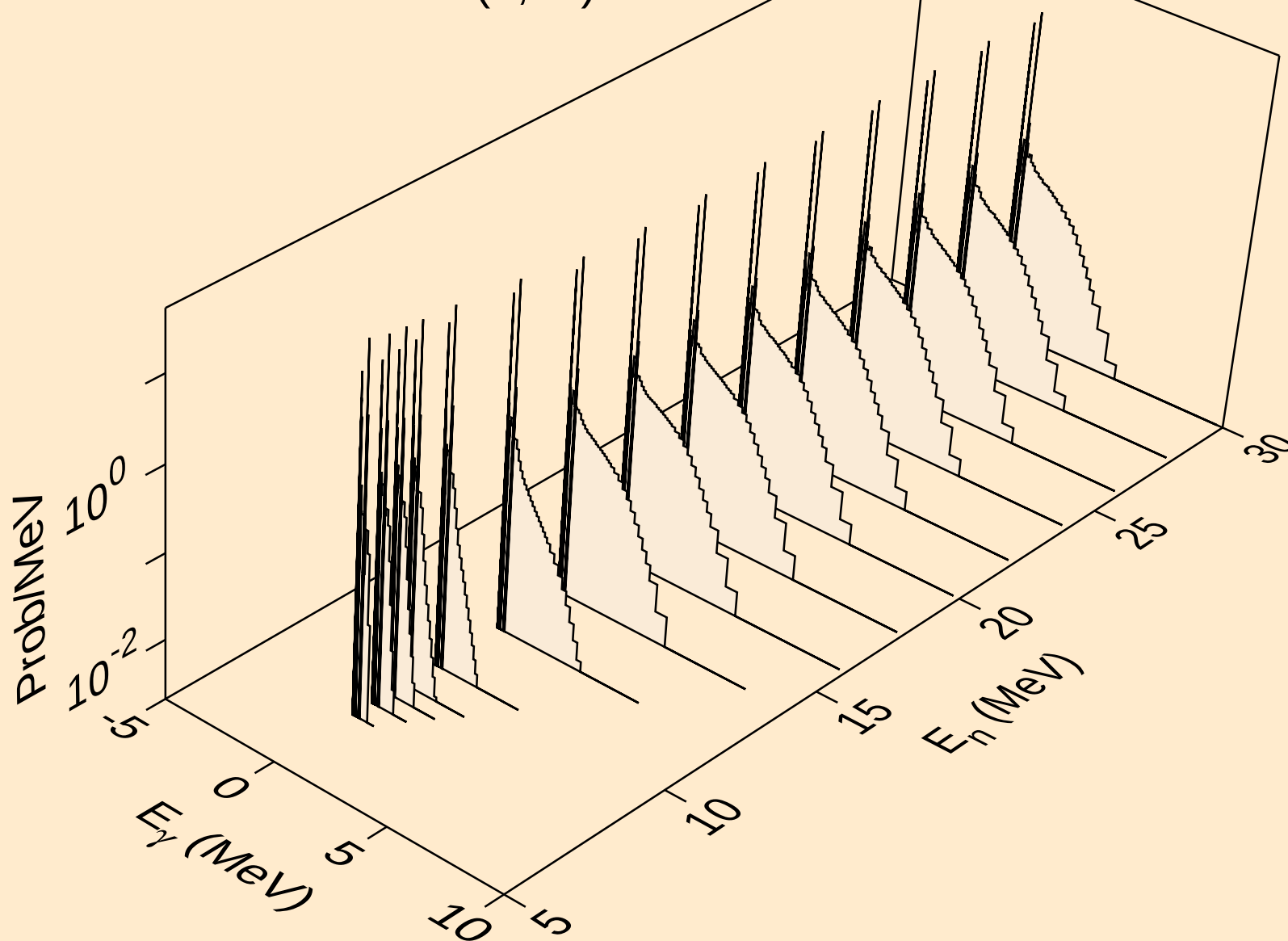
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



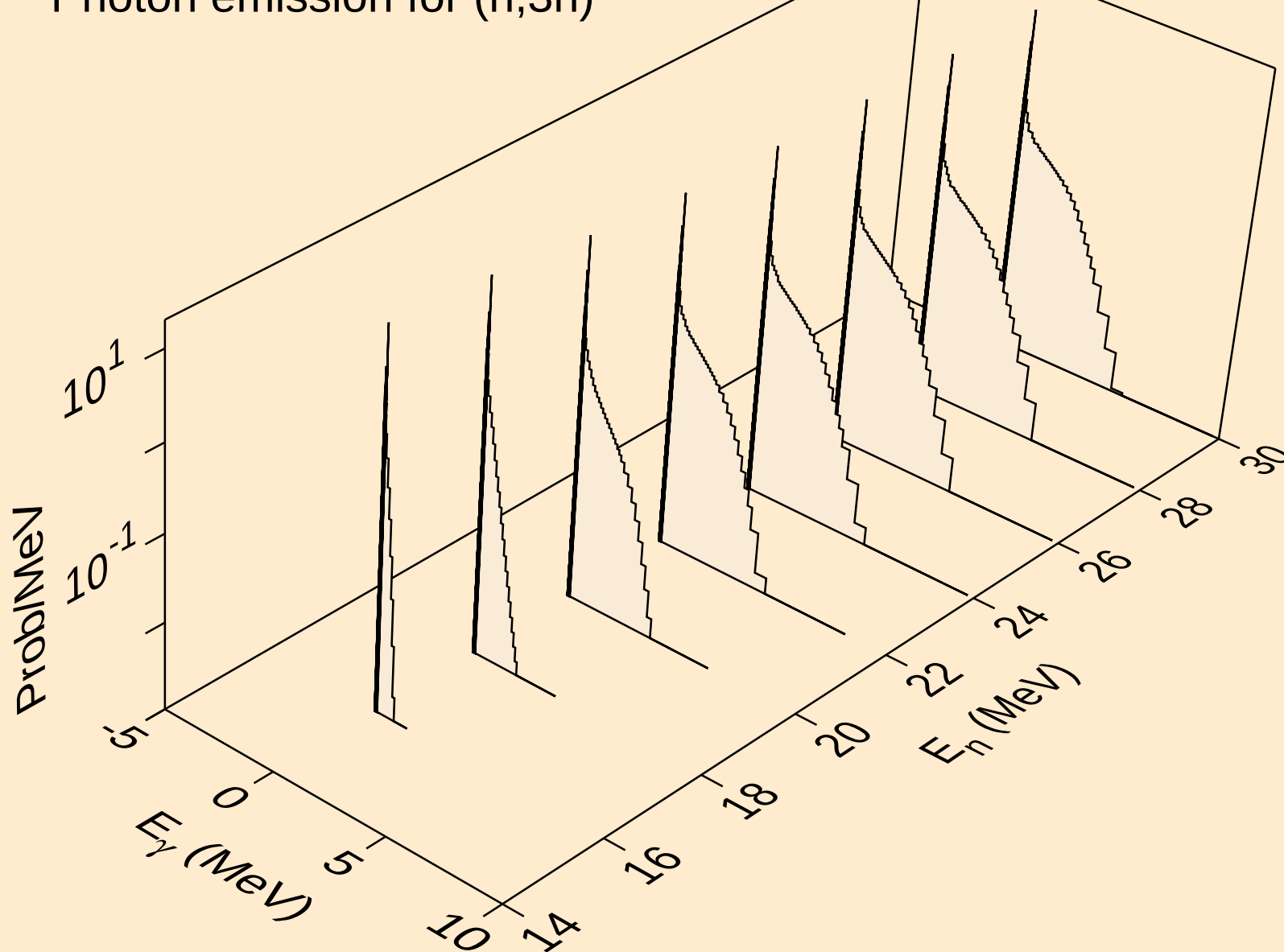
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



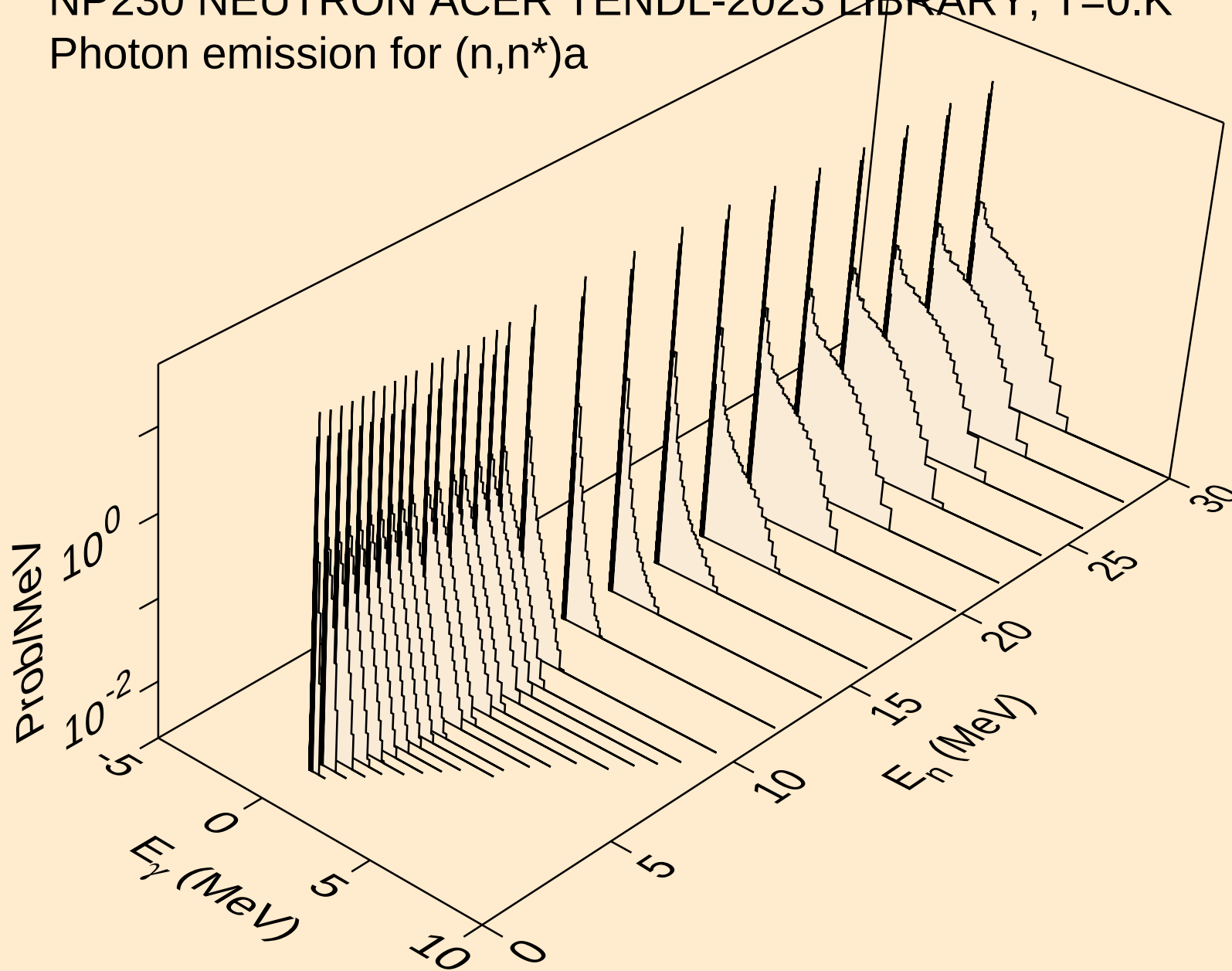
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



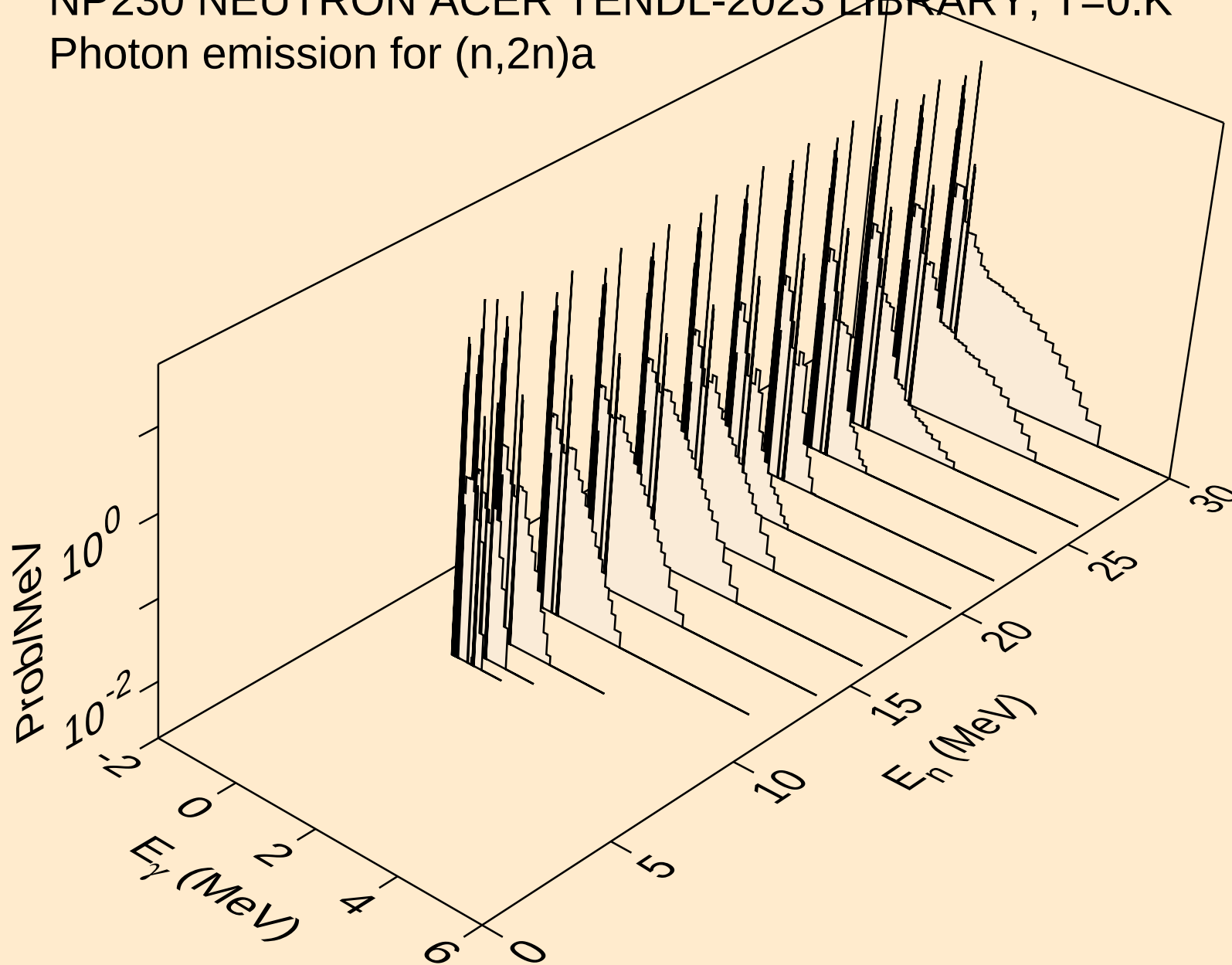
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



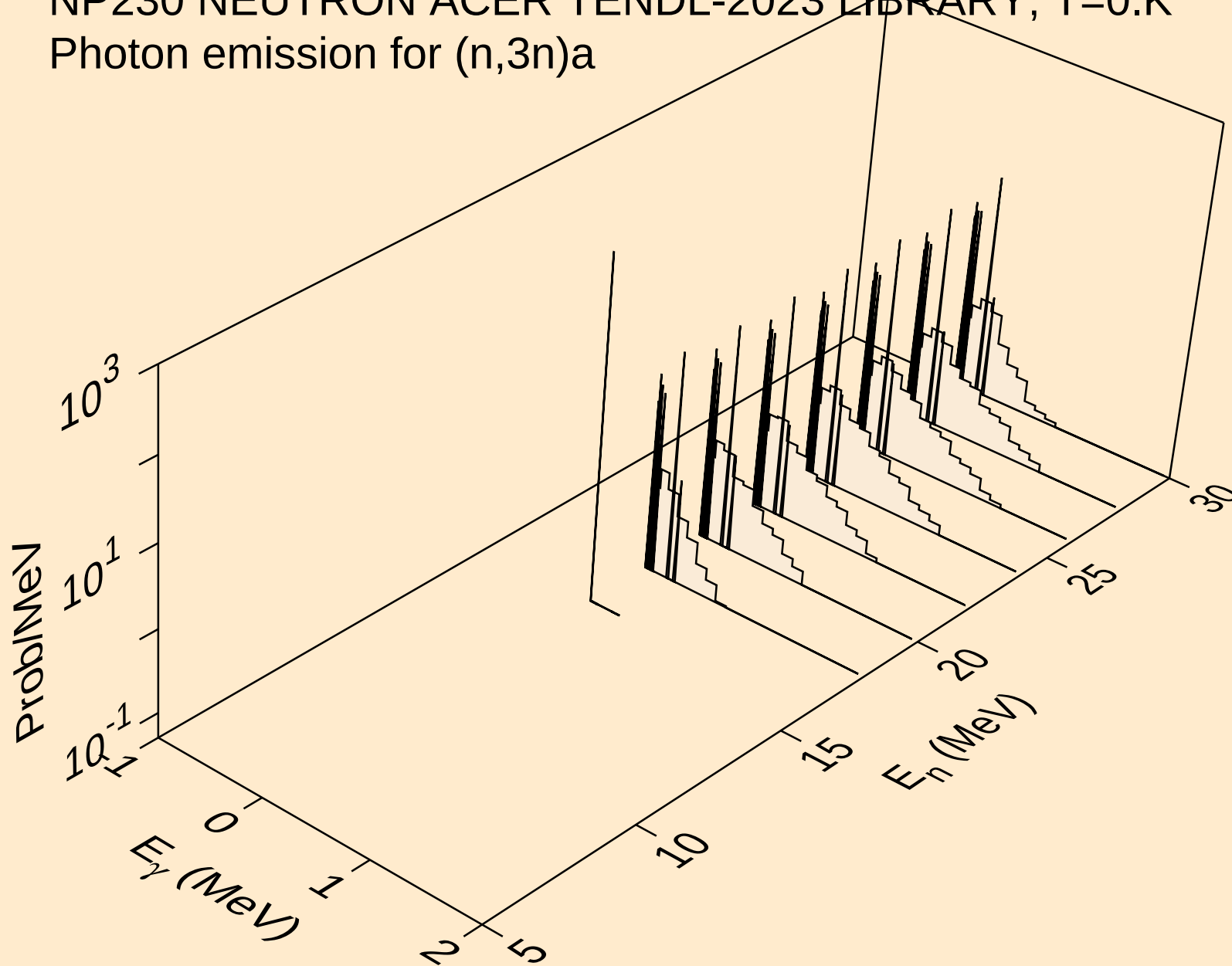
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α

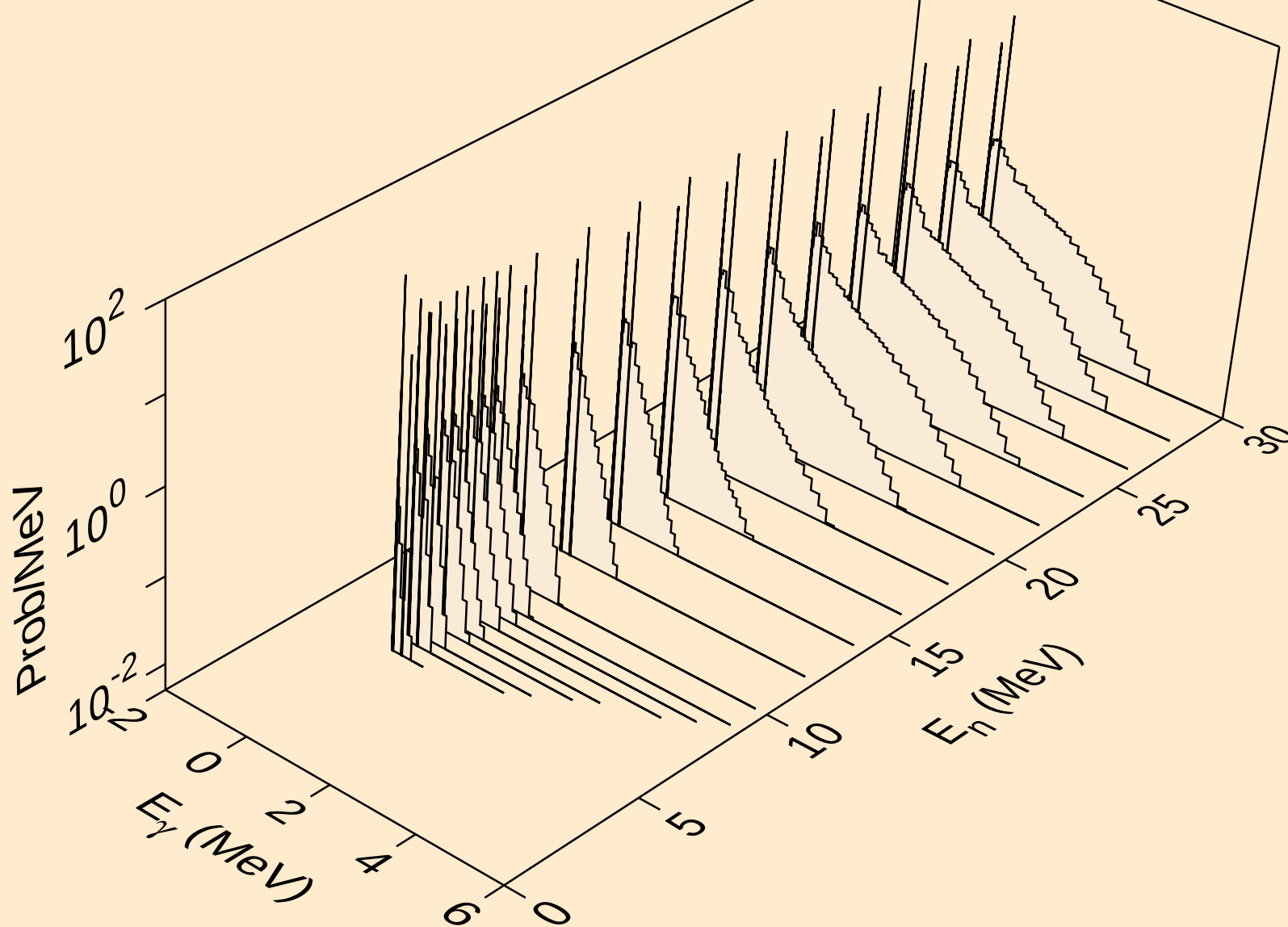


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n) α

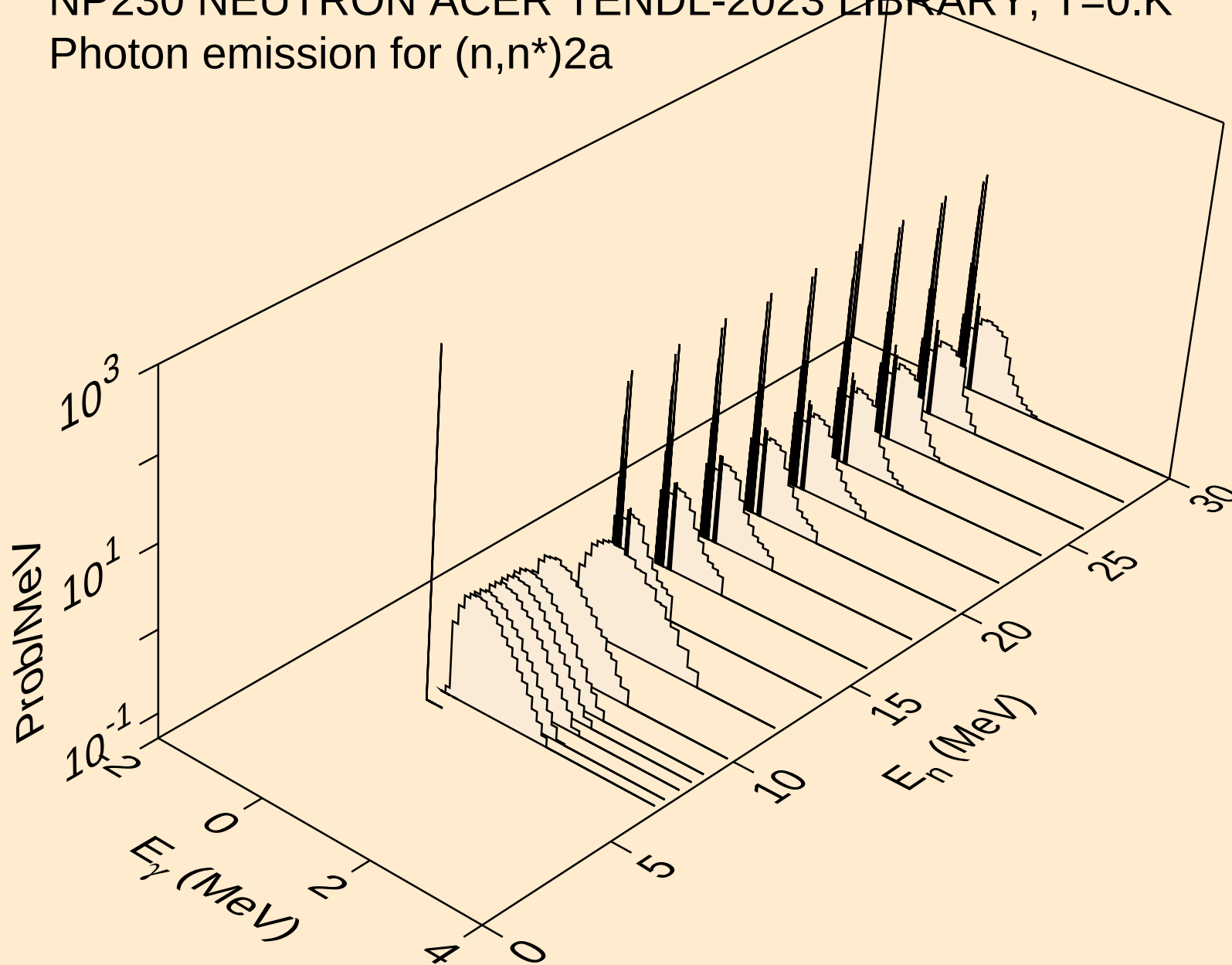


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

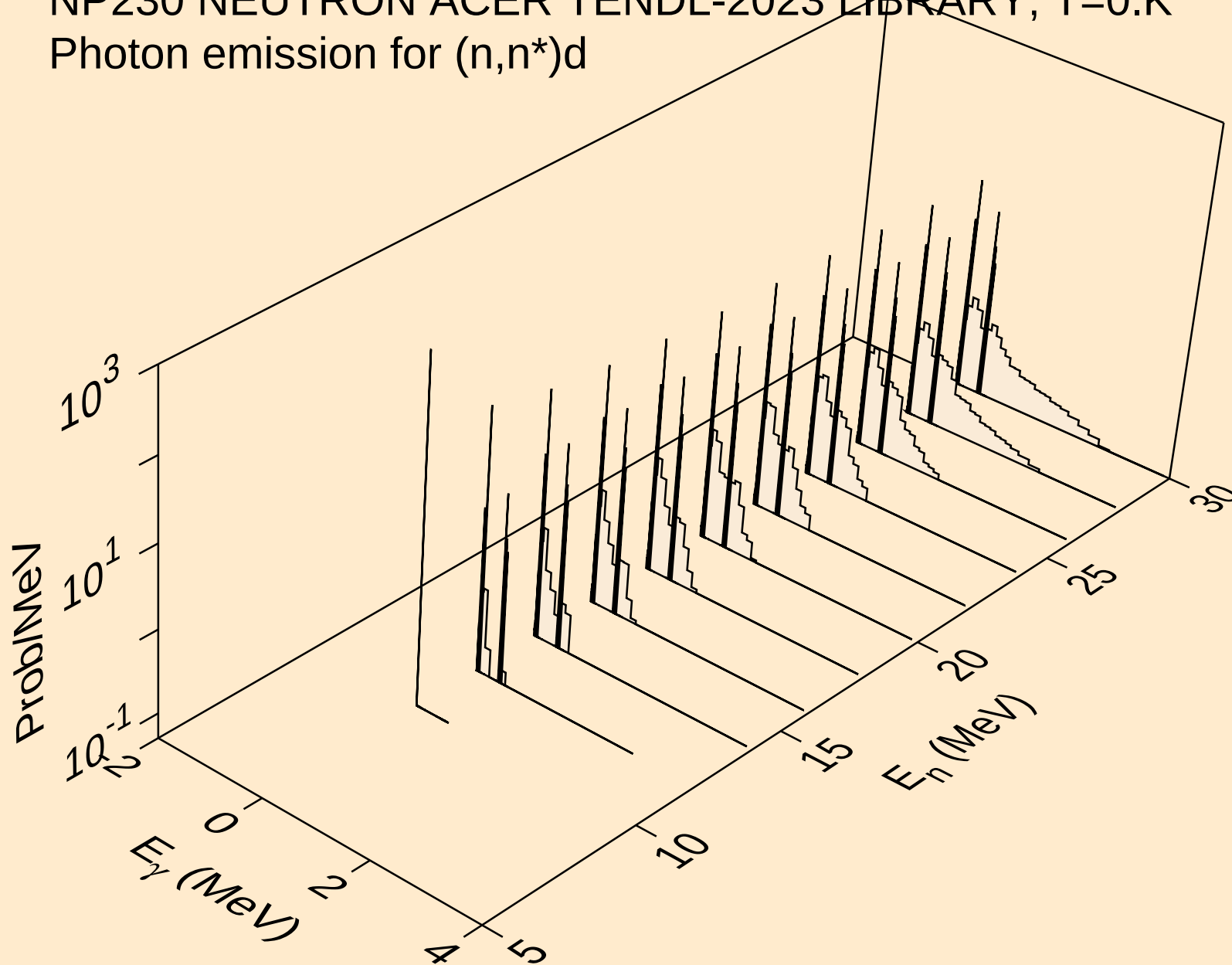
Photon emission for (n,n*)p



NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a

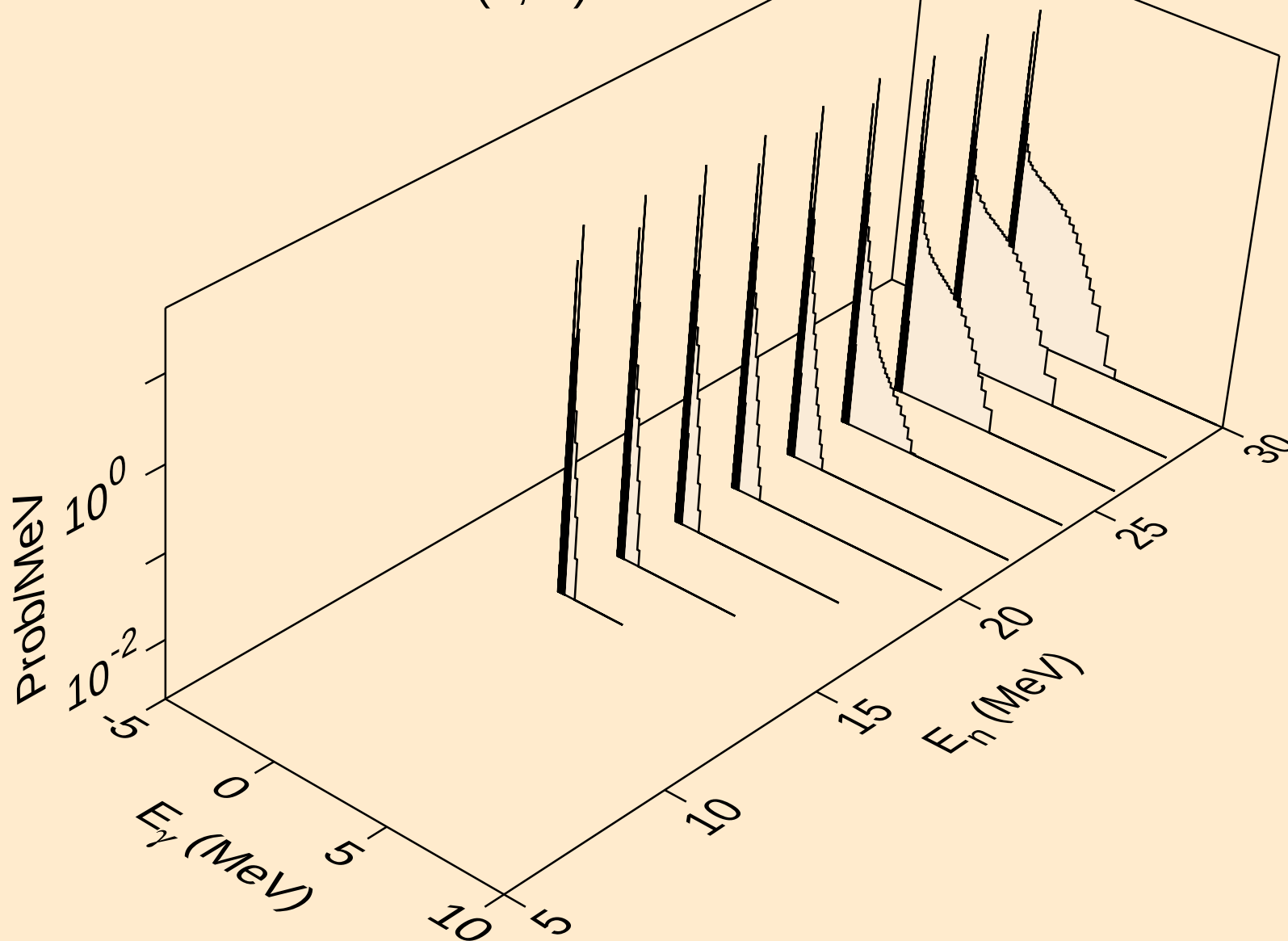


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d

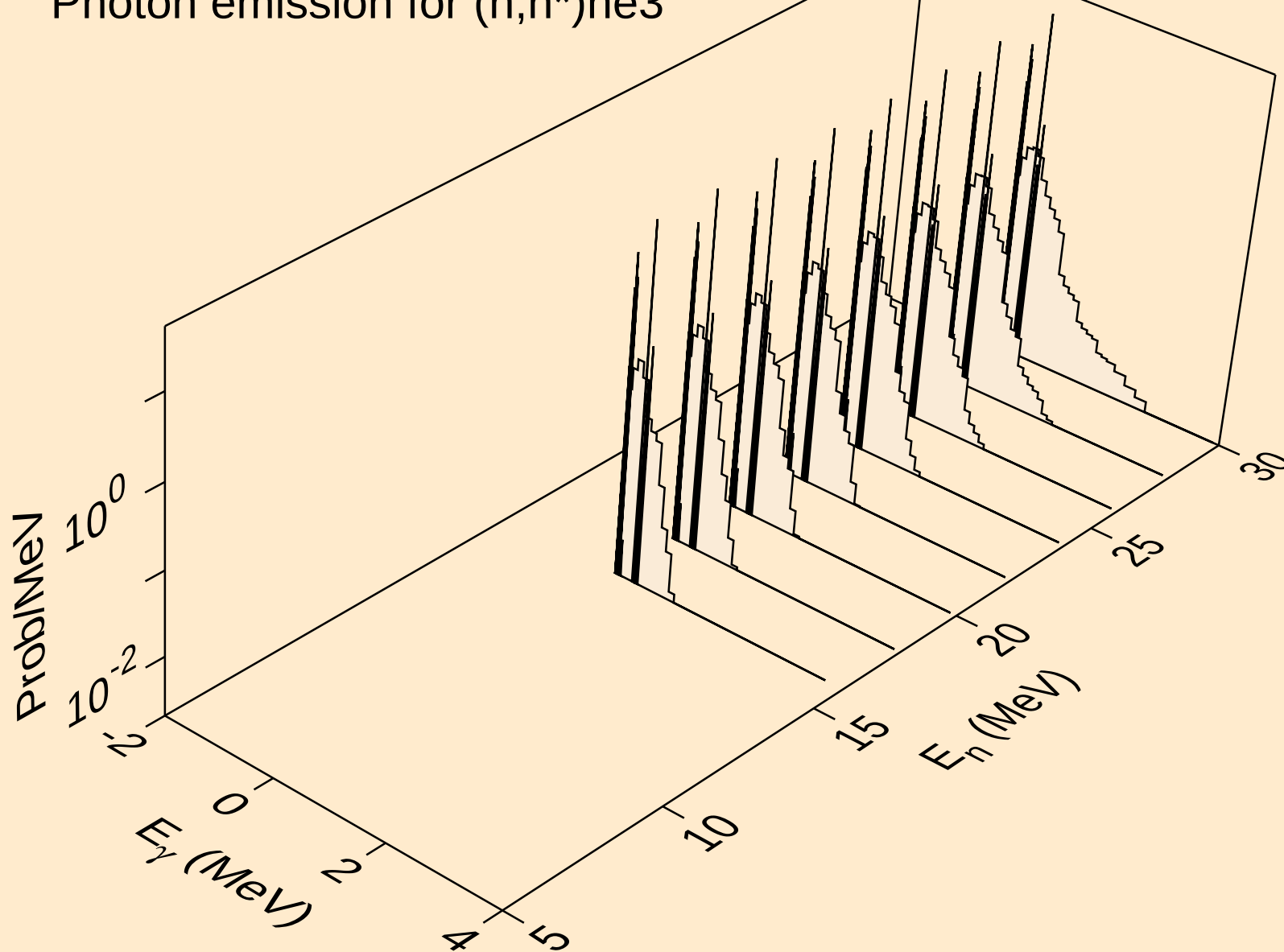


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

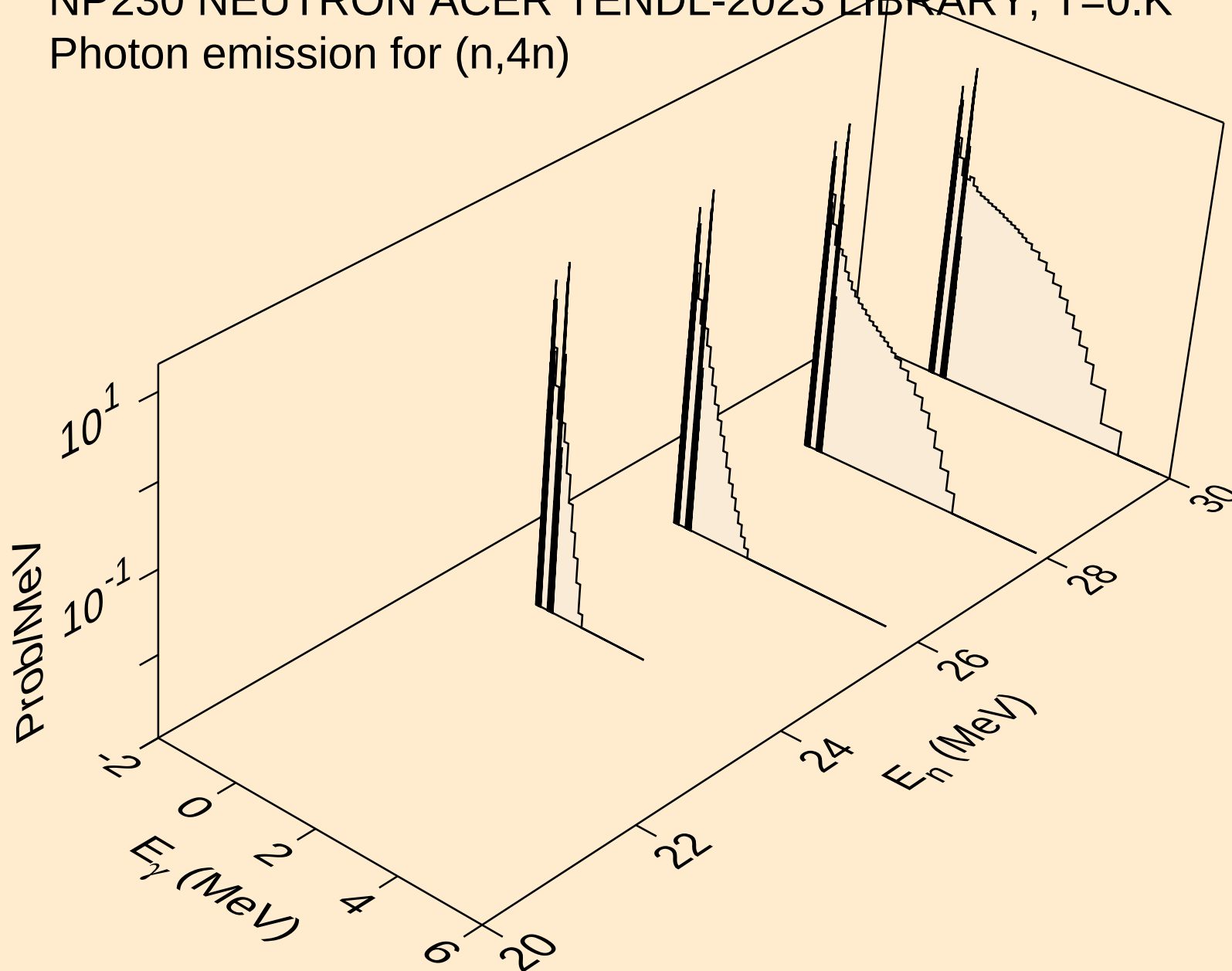
Photon emission for (n,n*)t



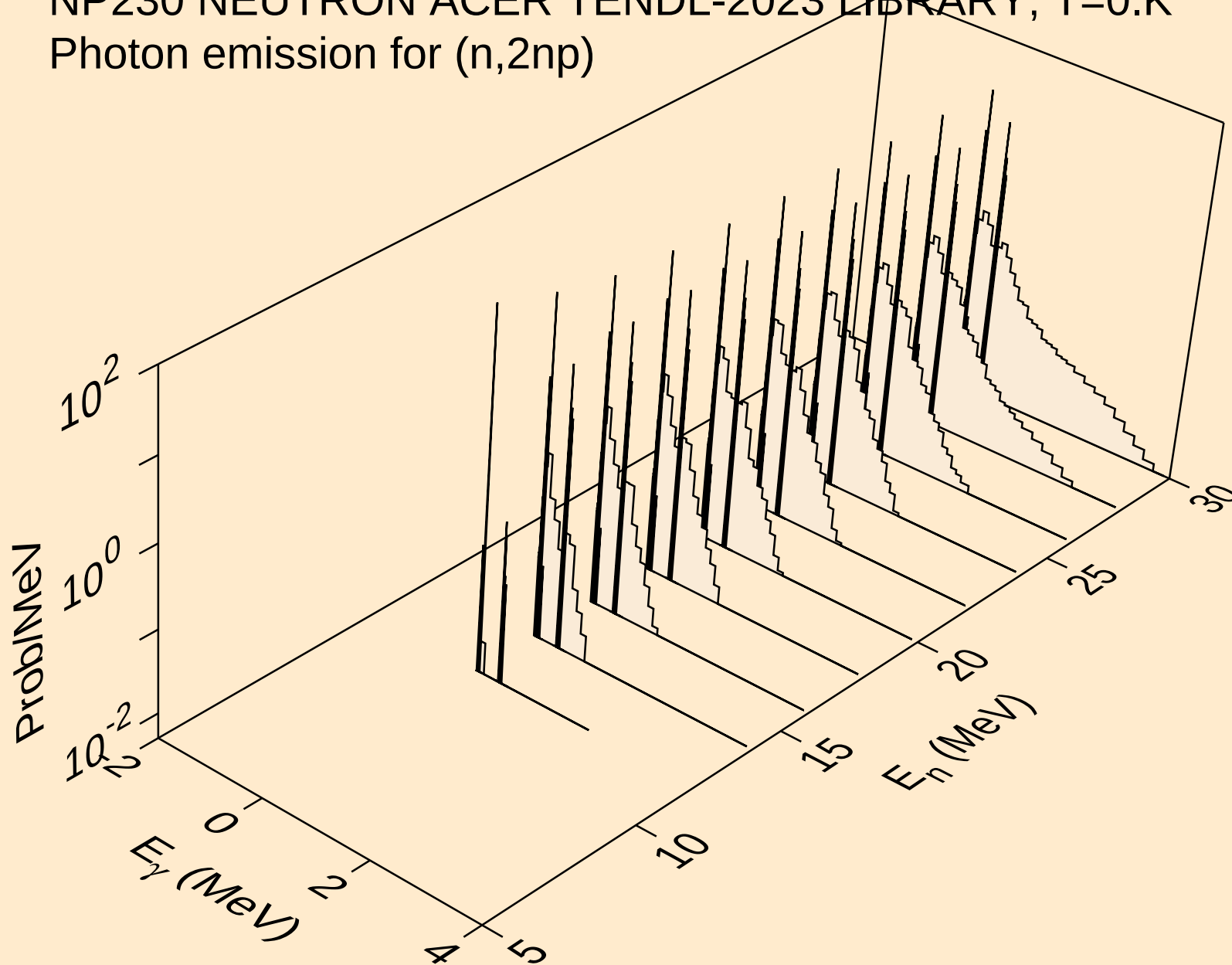
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



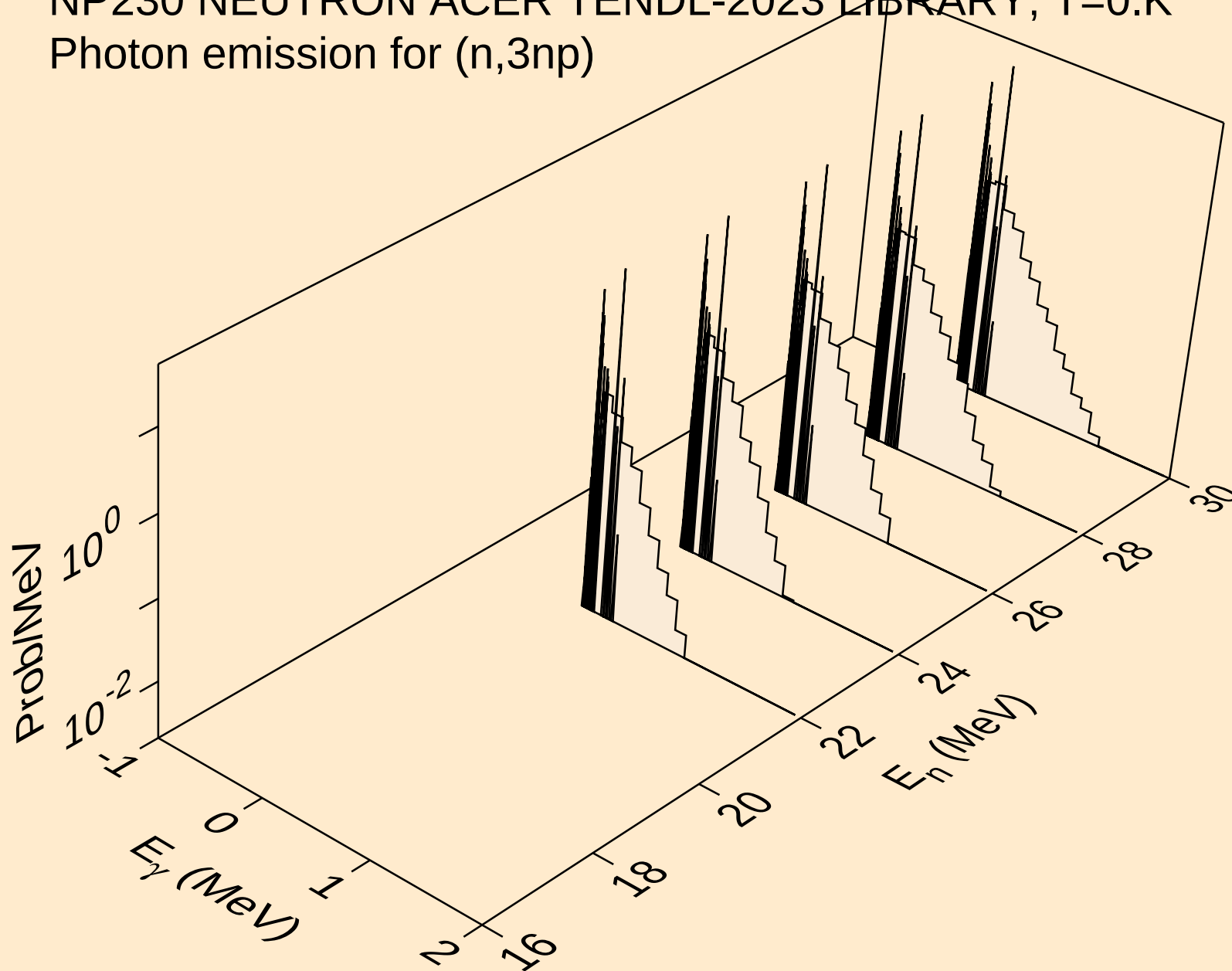
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



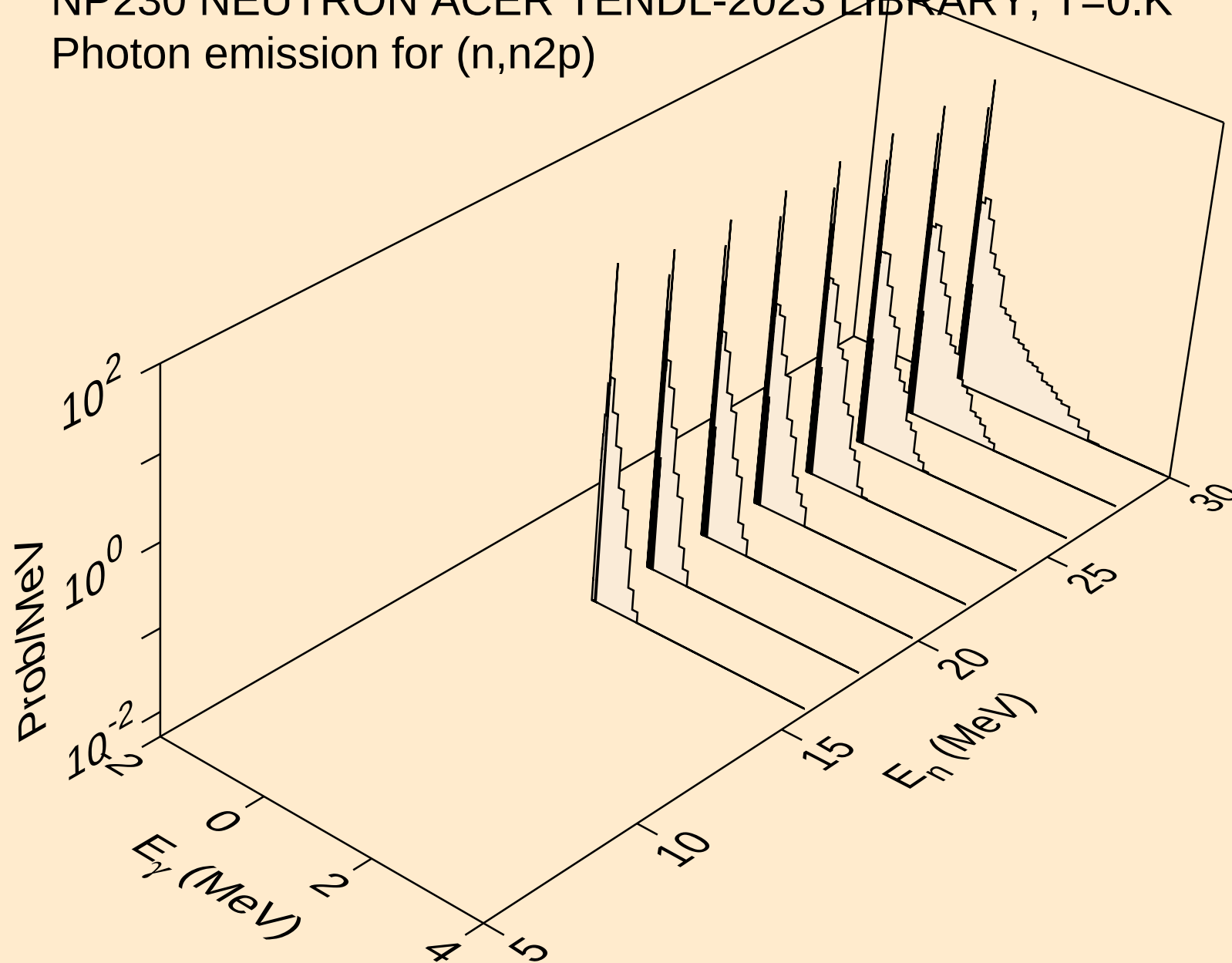
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



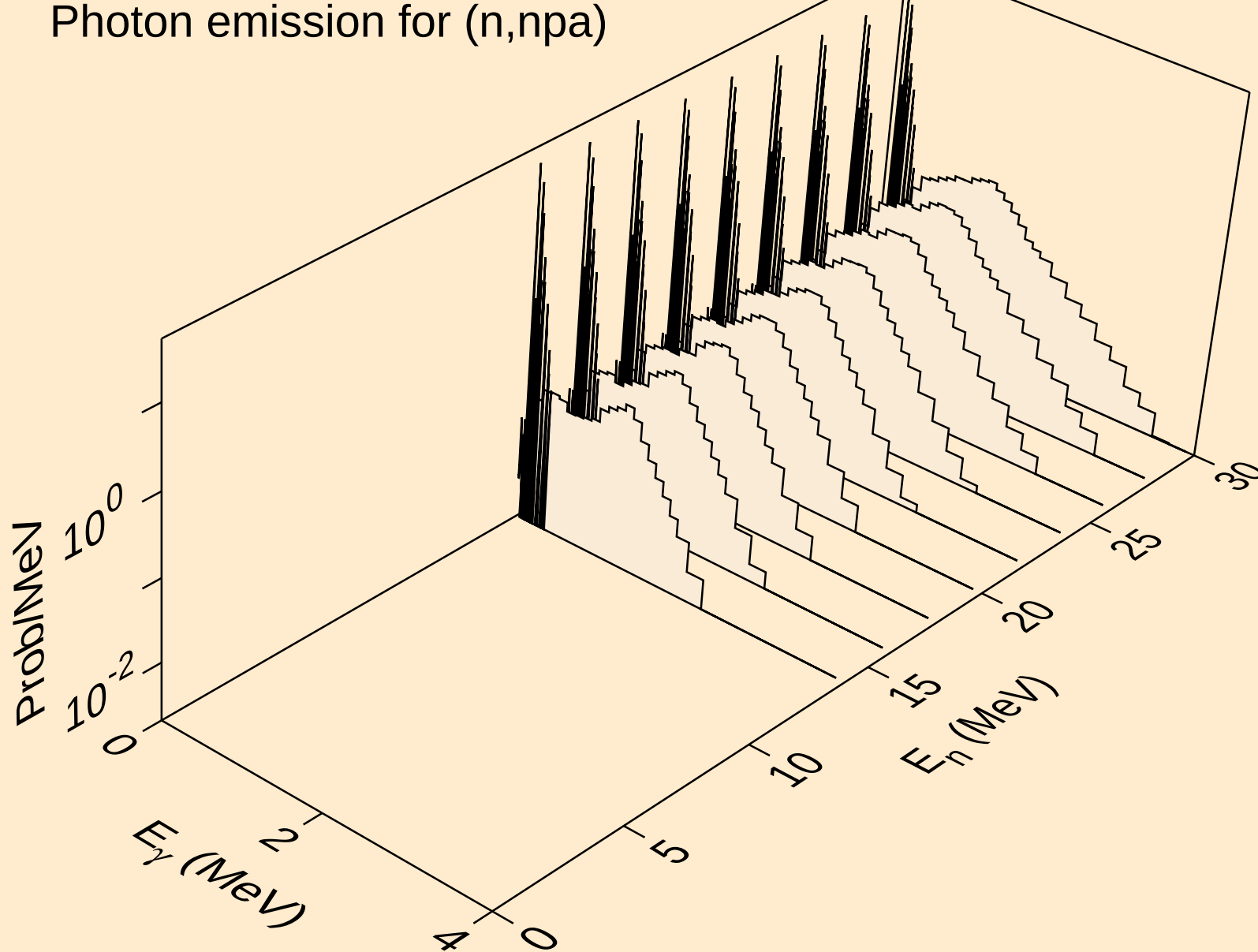
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



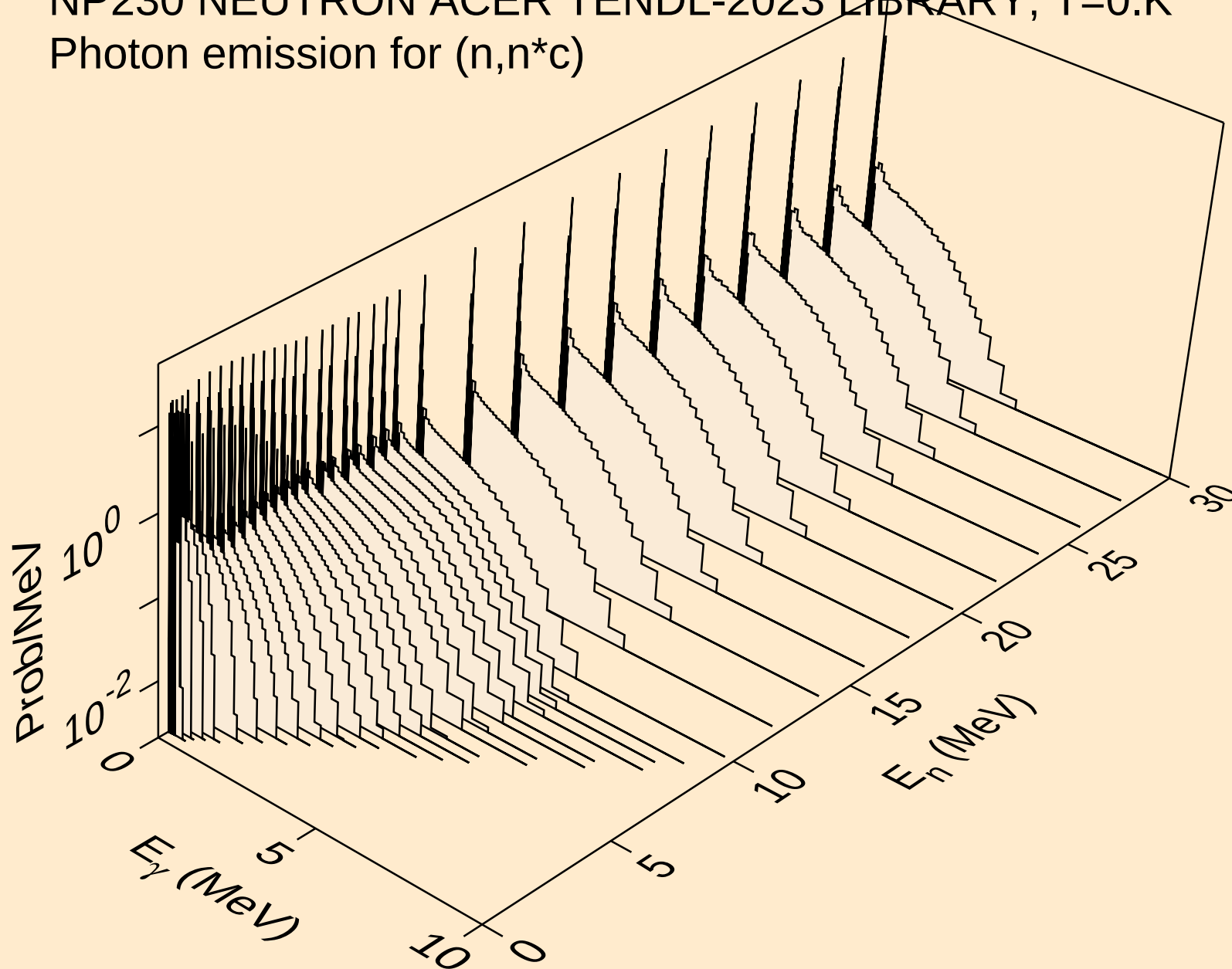
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



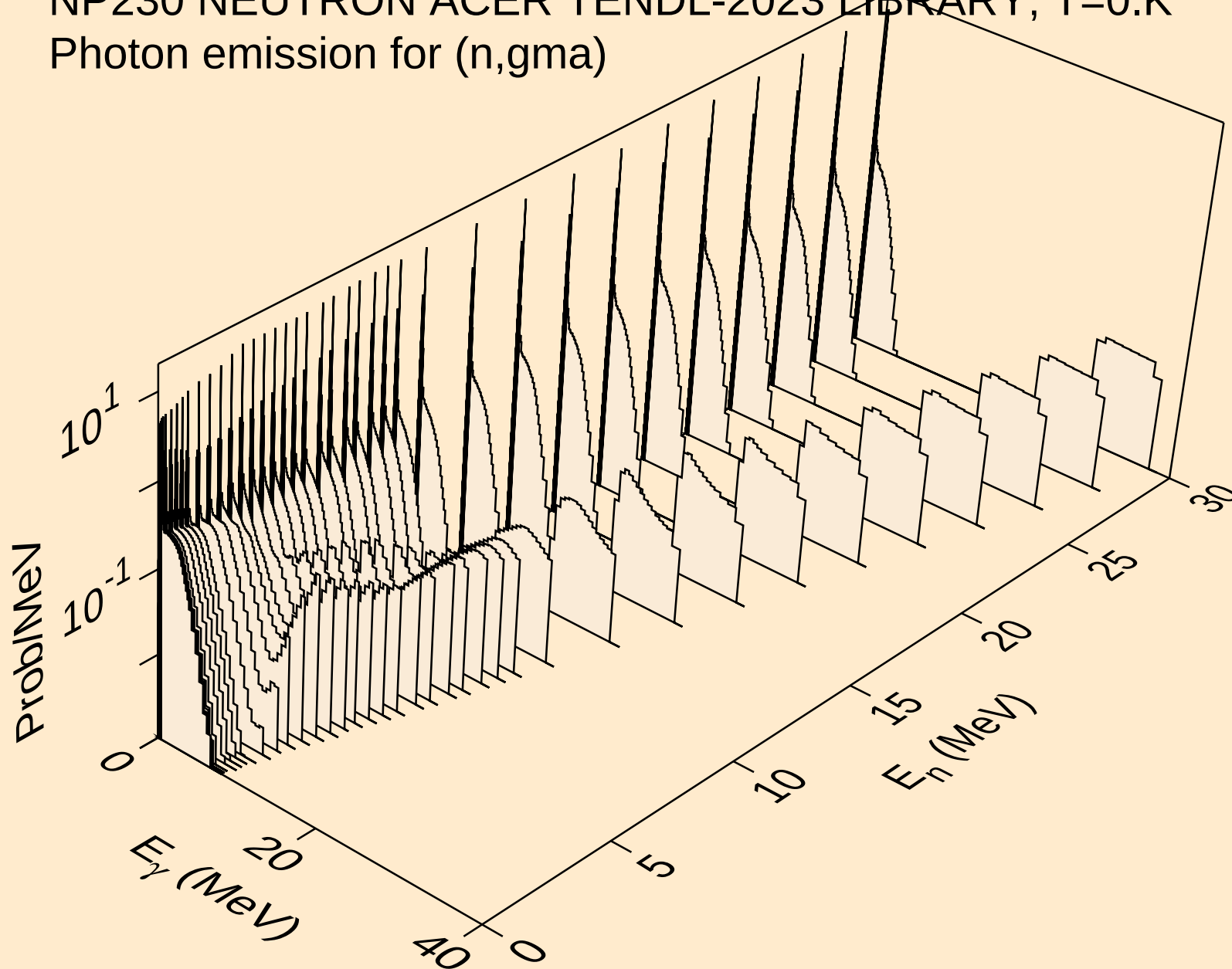
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



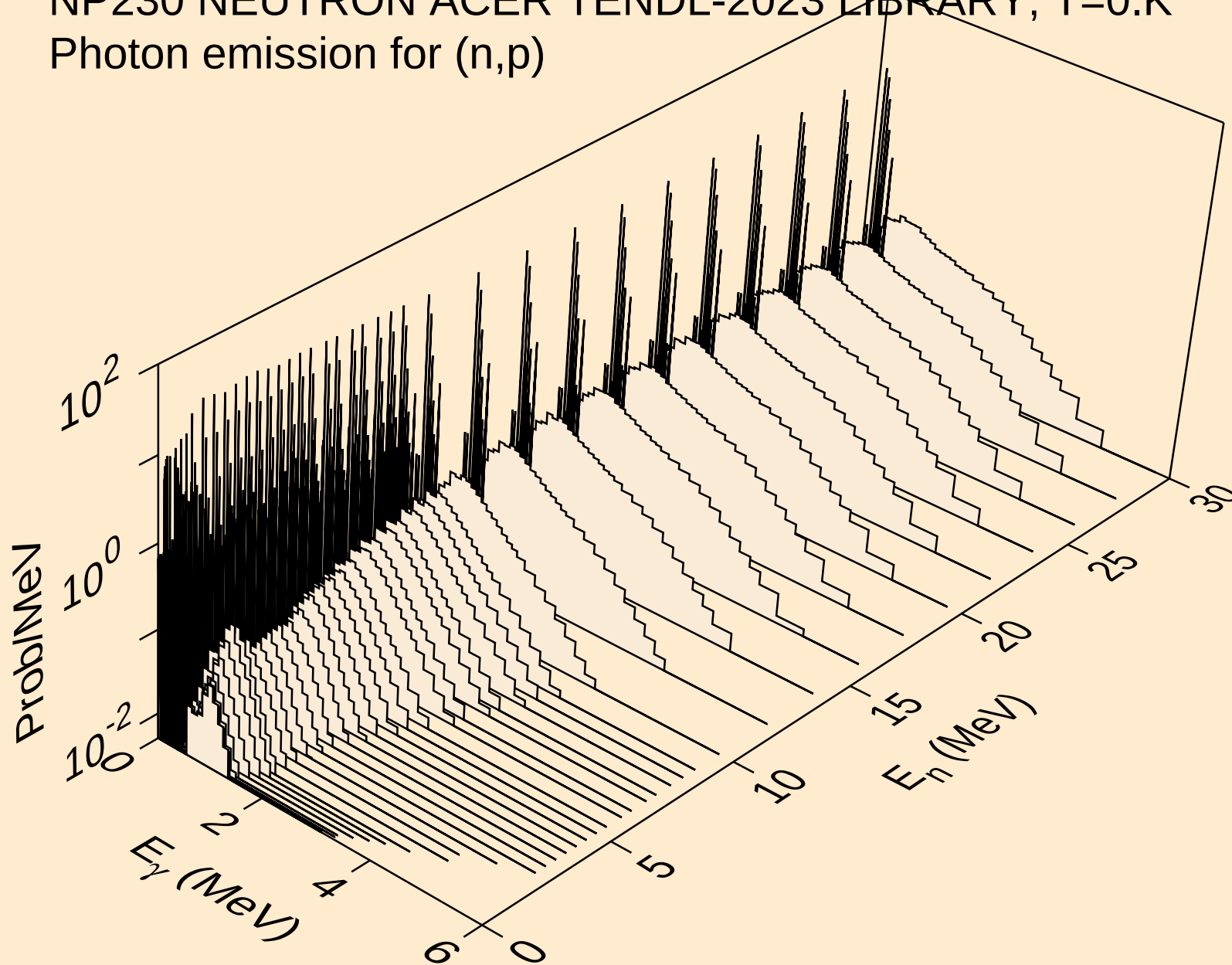
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



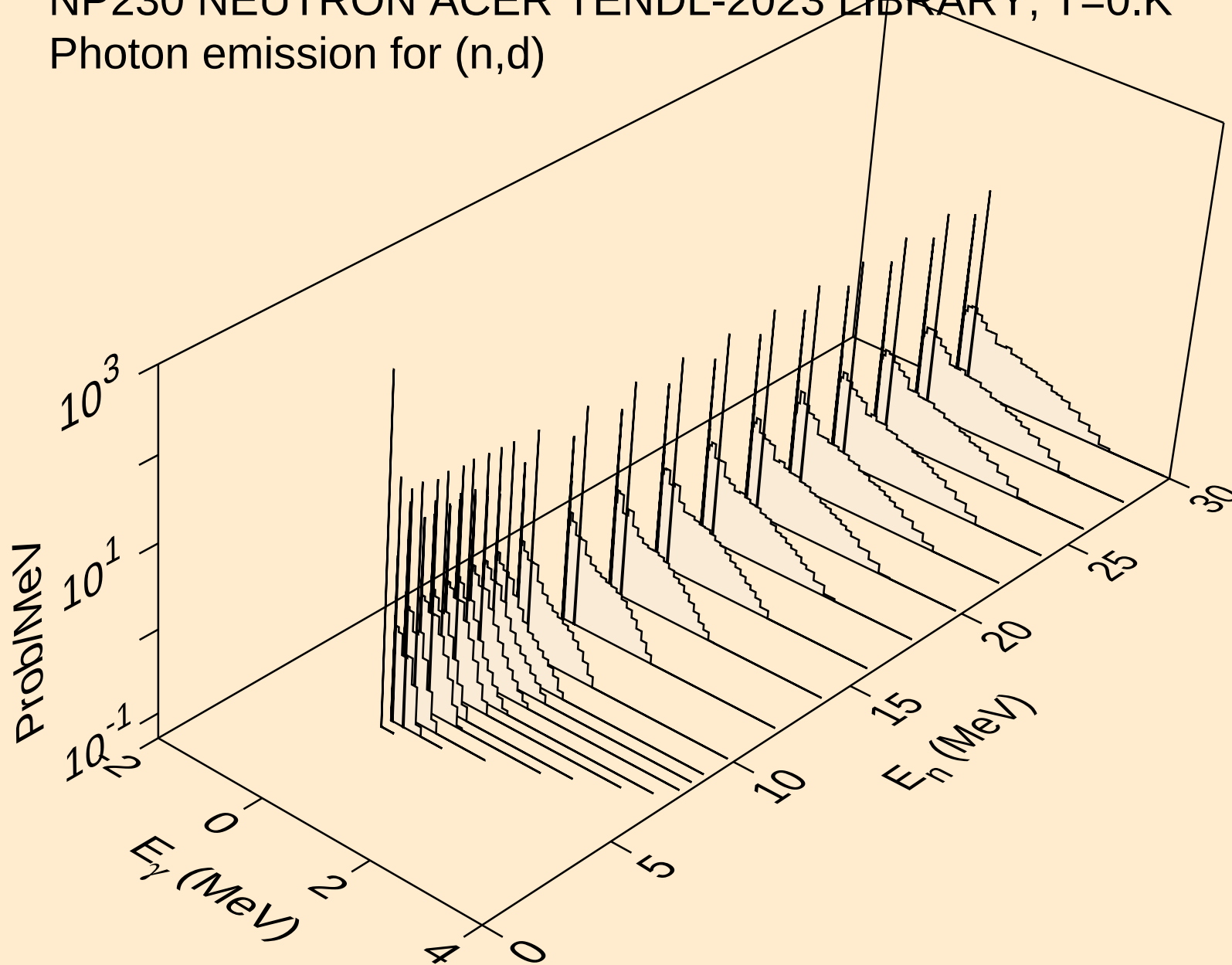
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



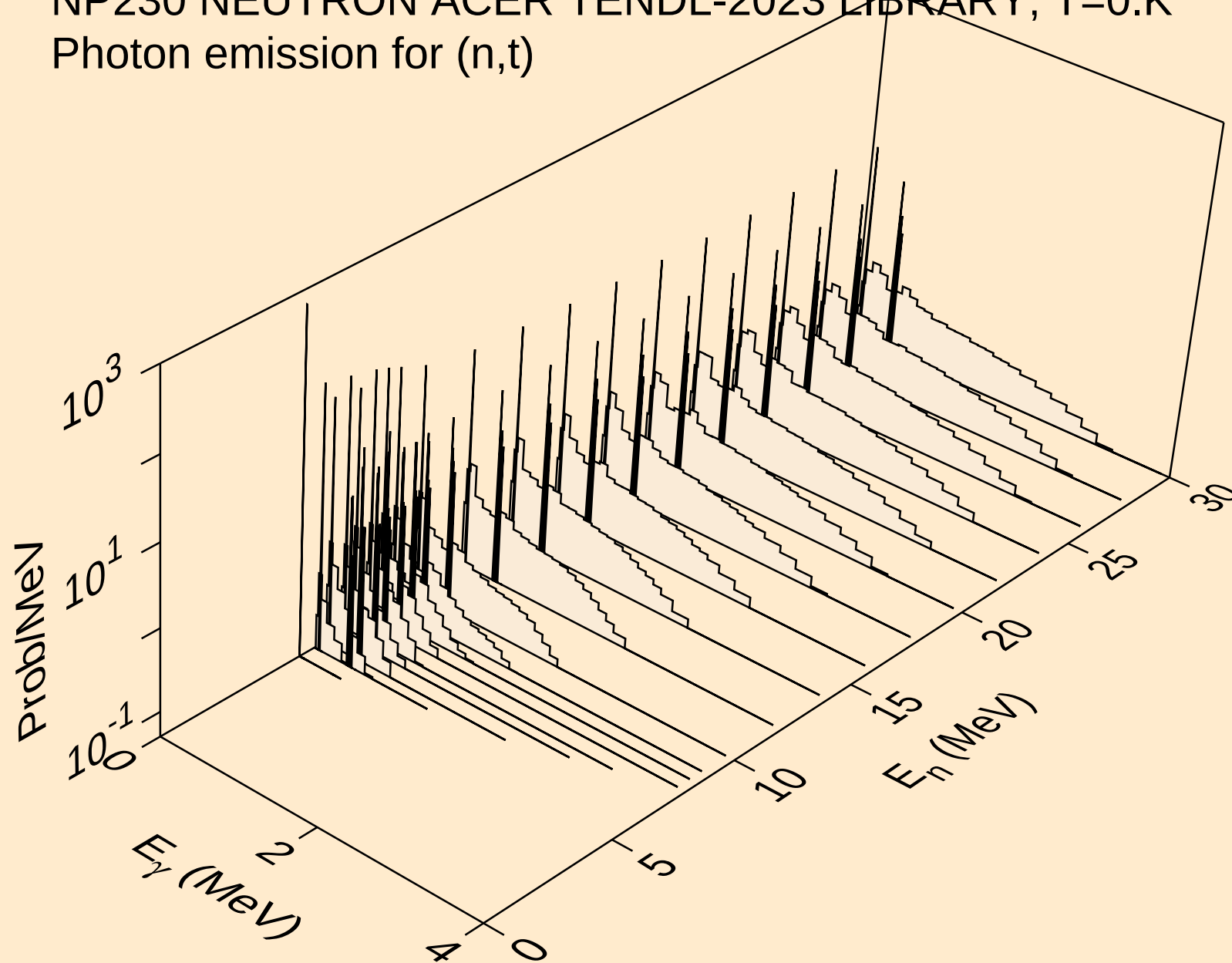
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



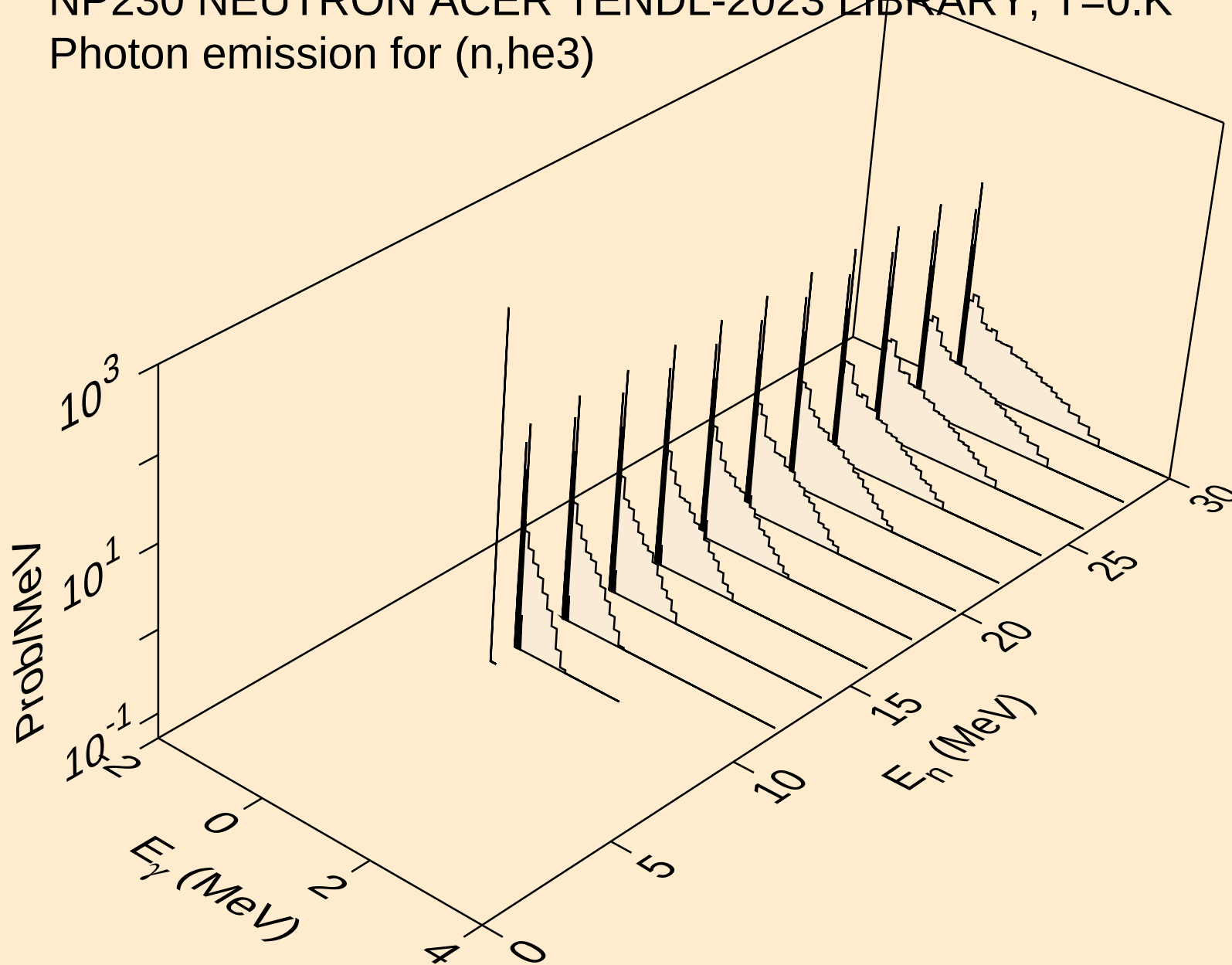
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



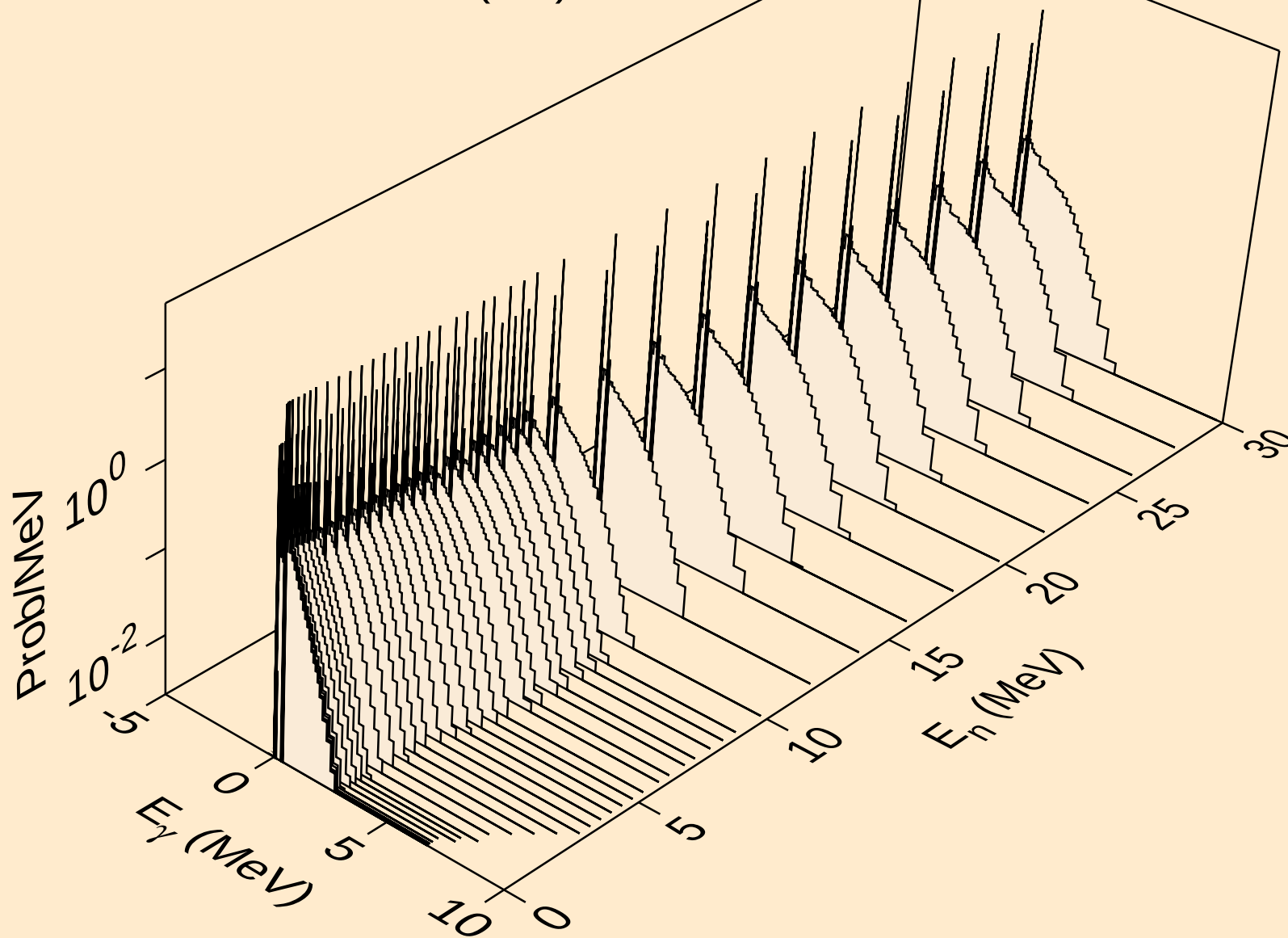
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



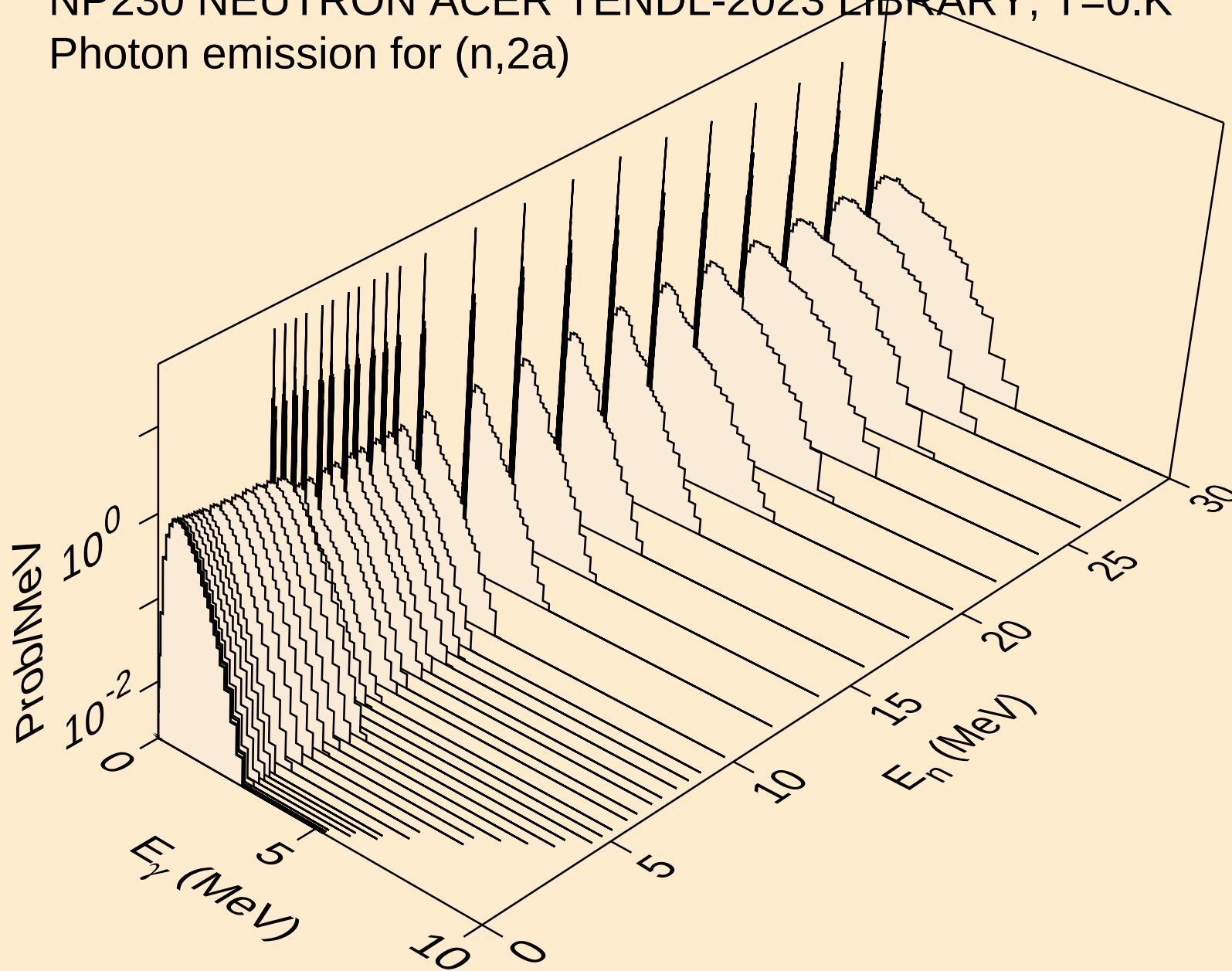
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



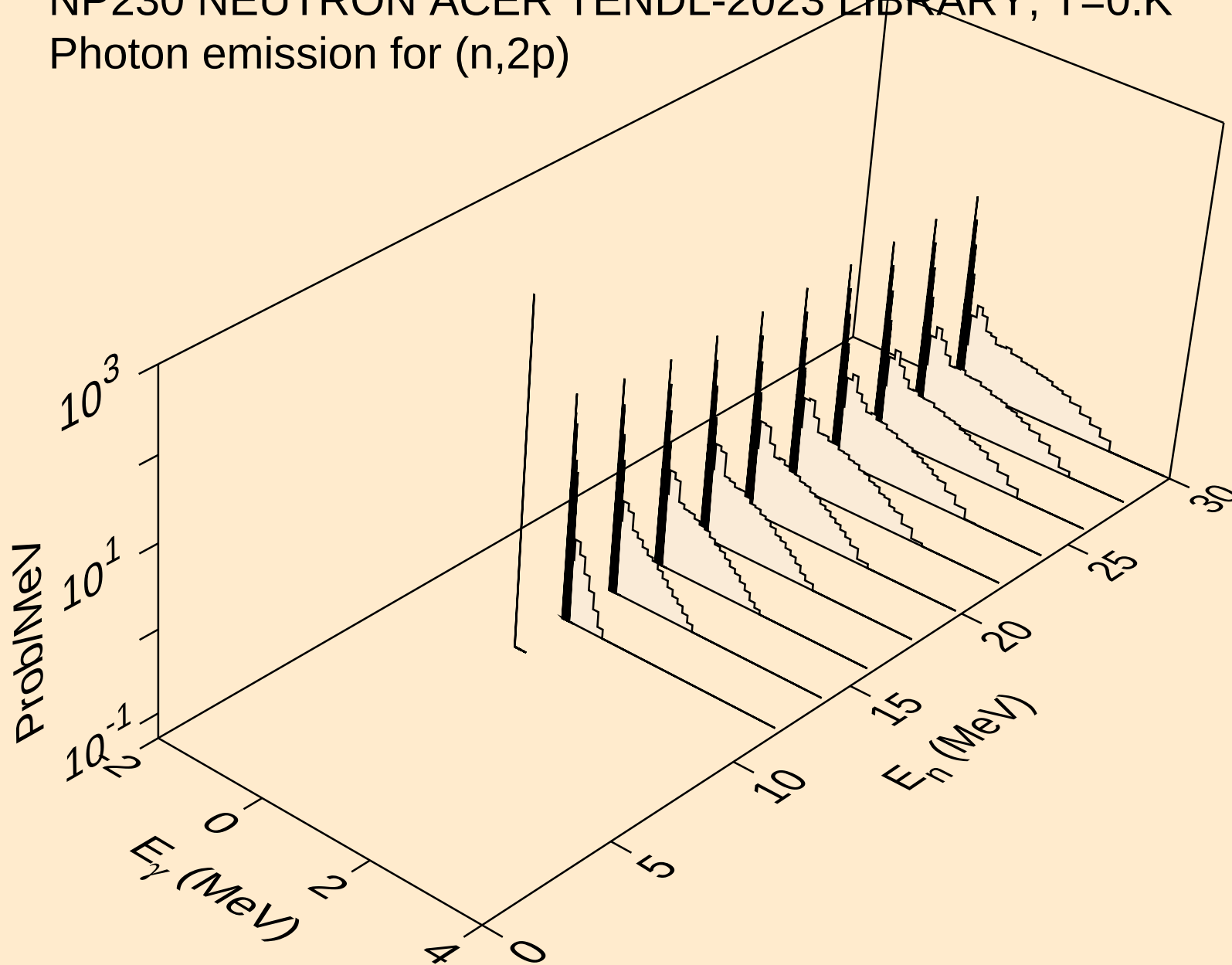
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



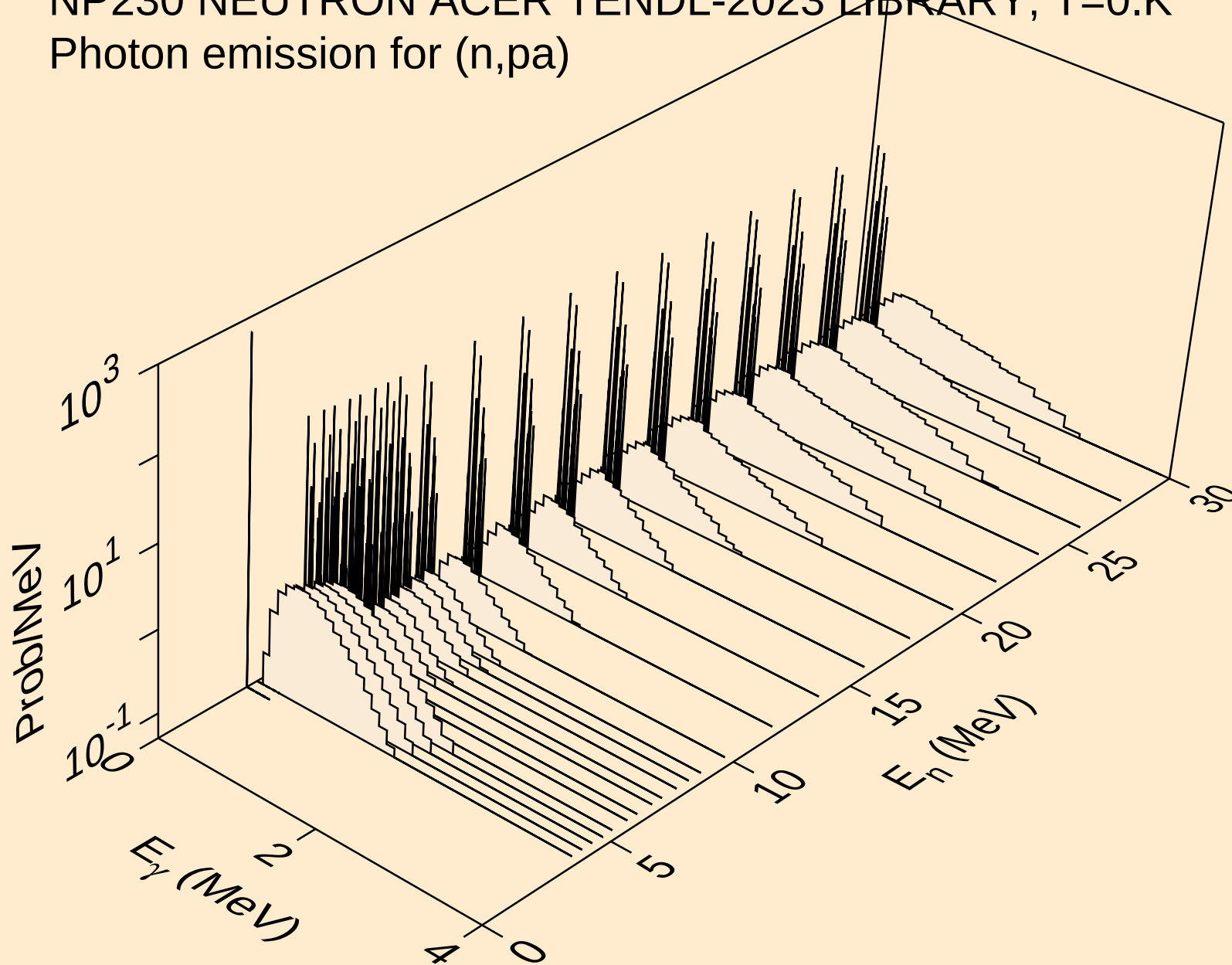
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



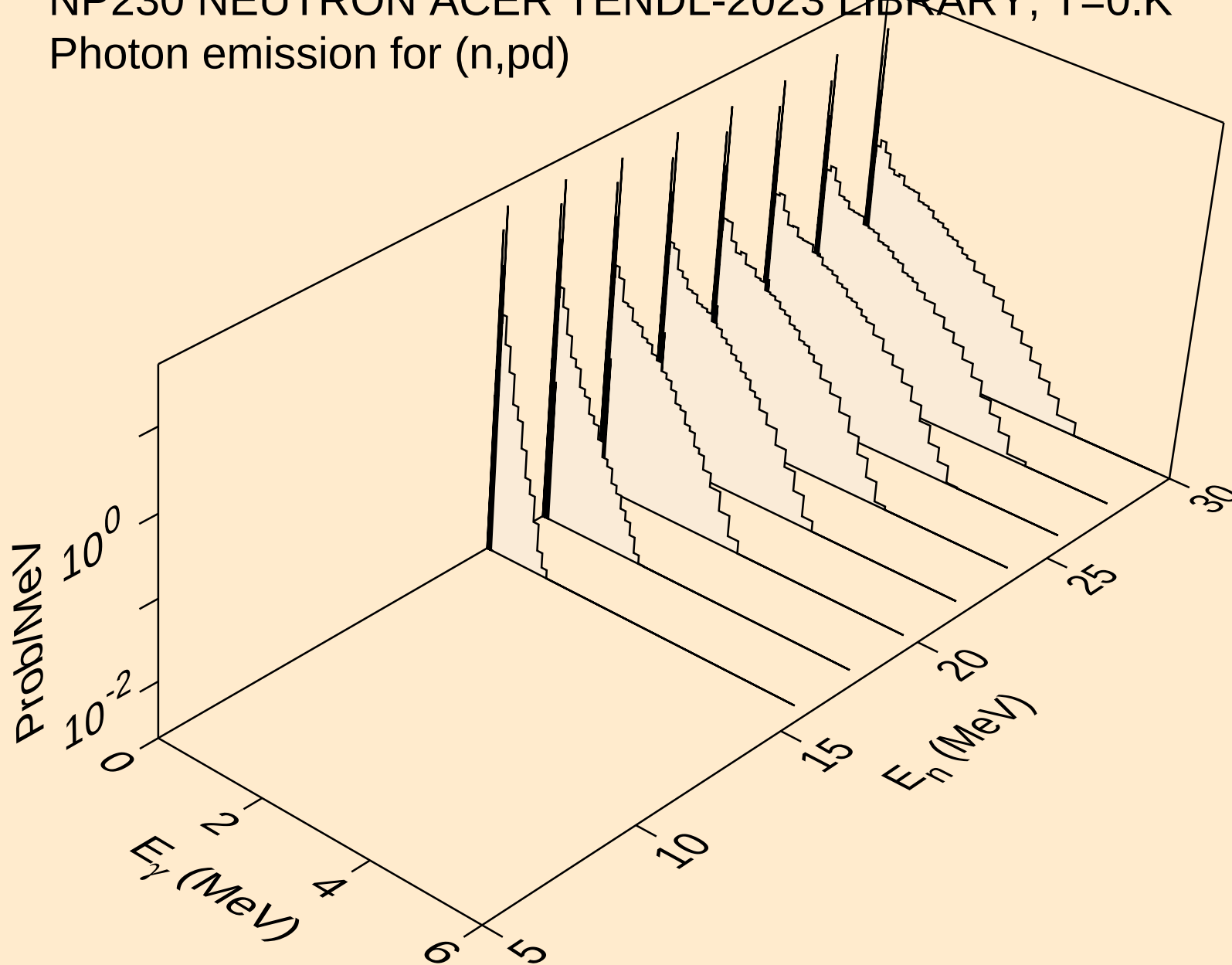
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)

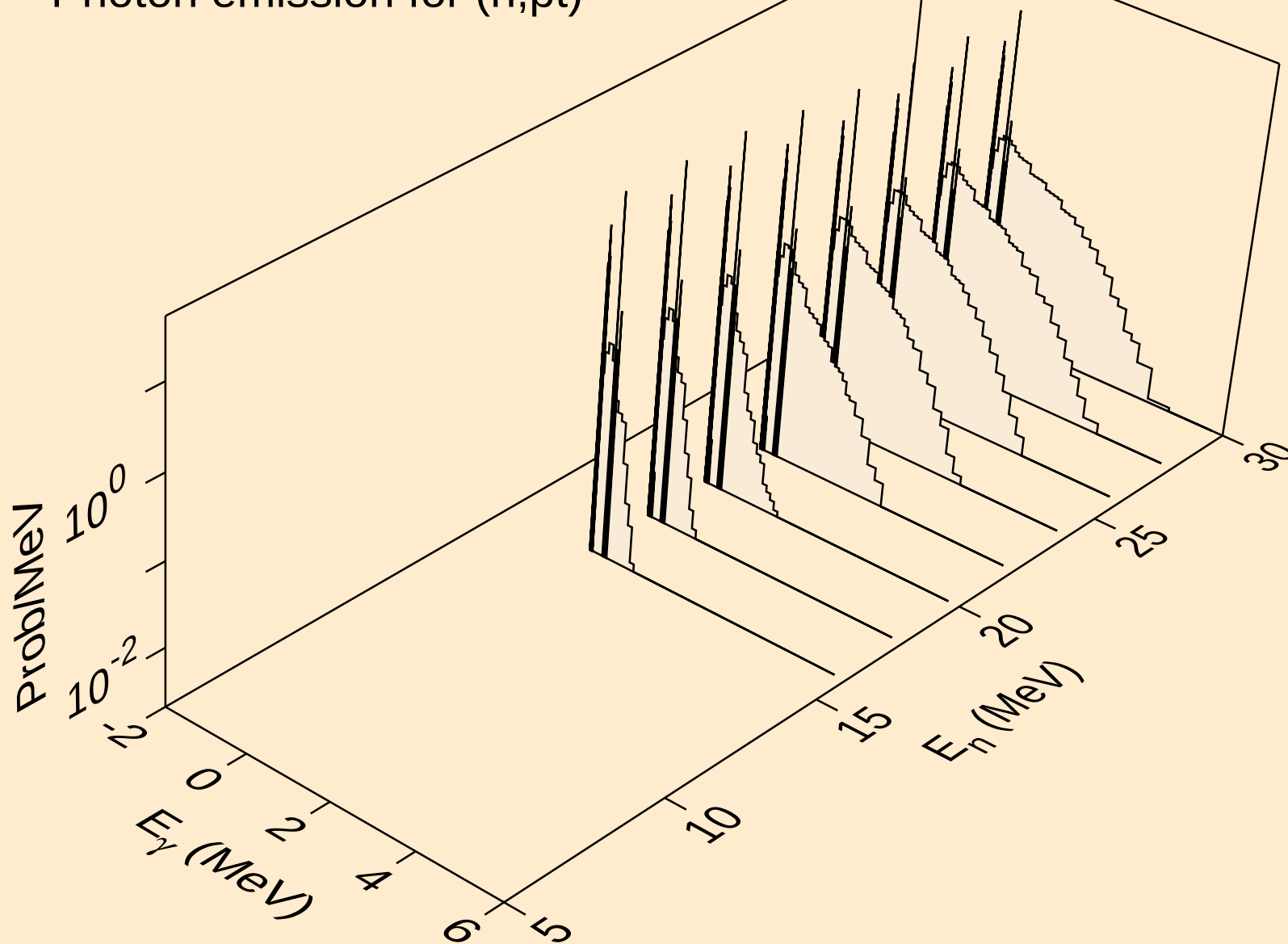


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)

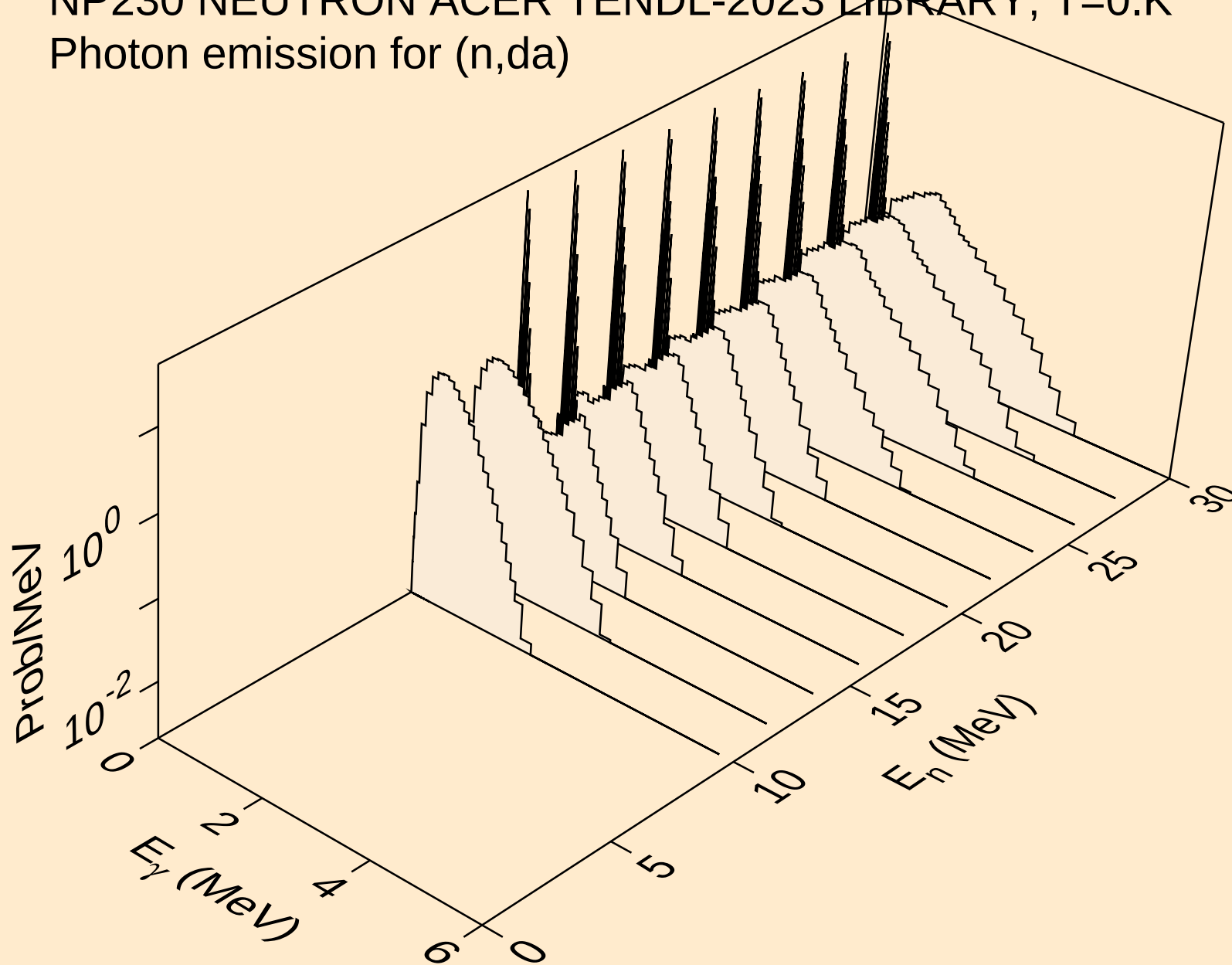


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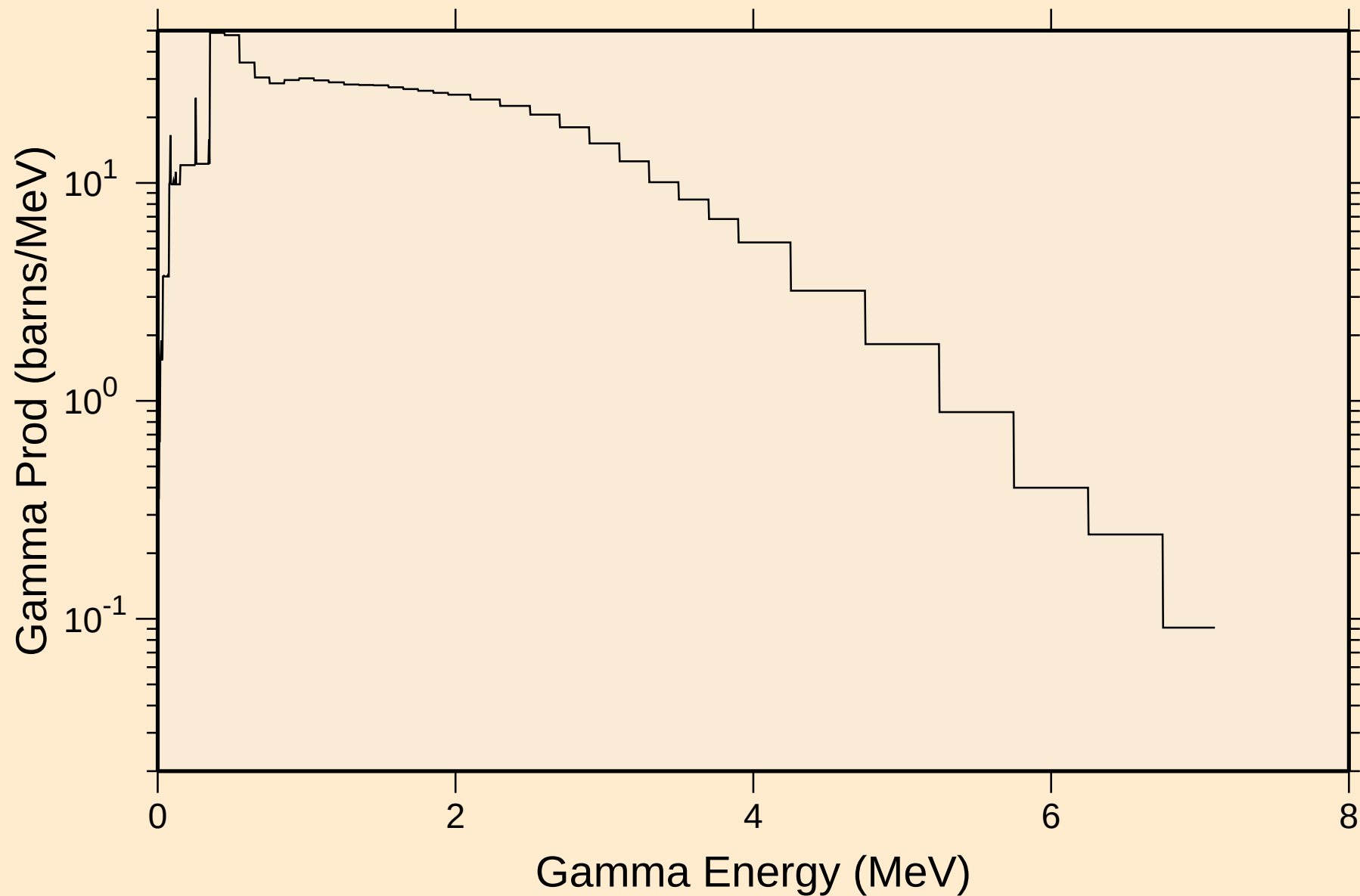
Photon emission for (n,pt)



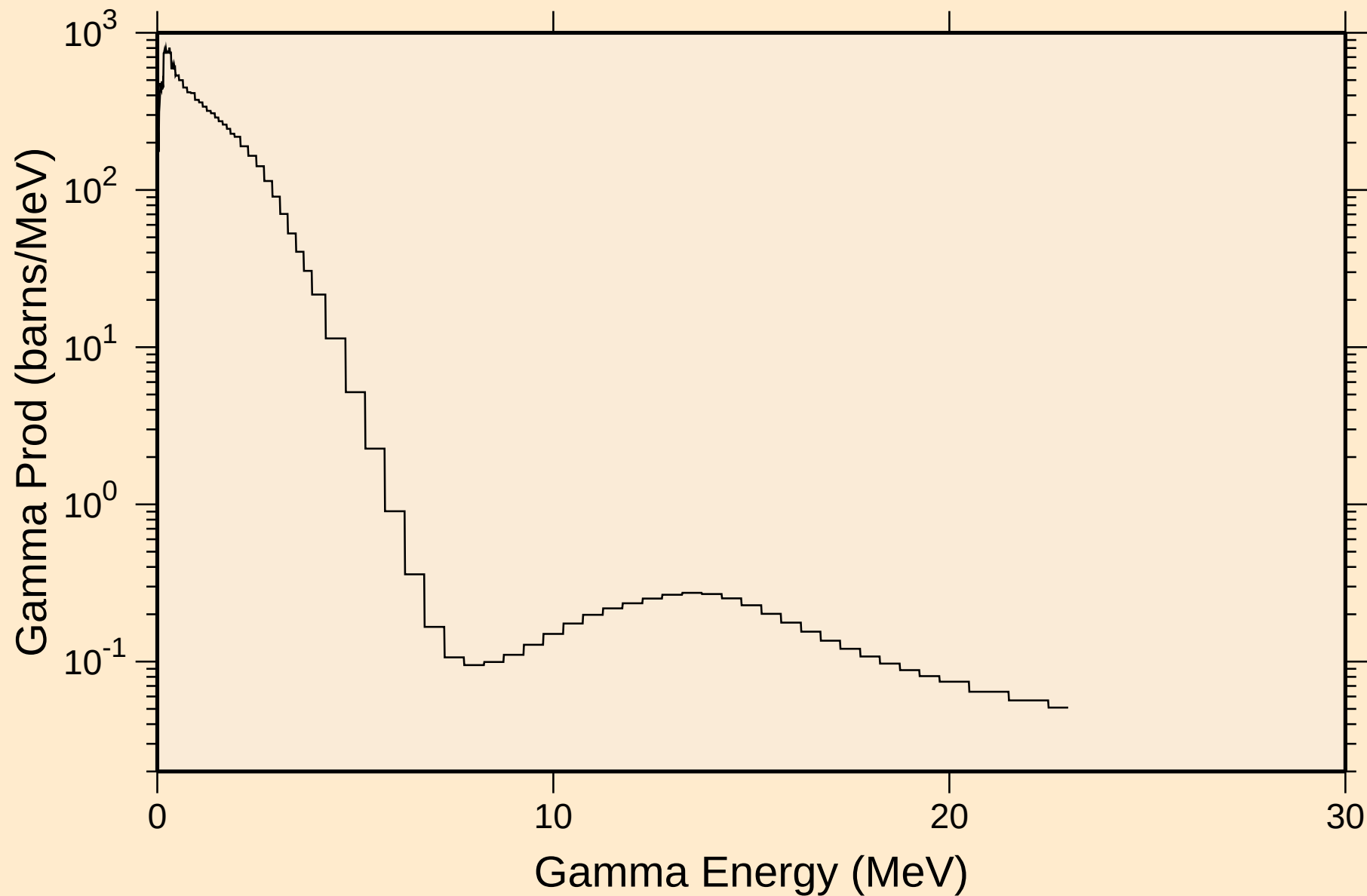
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

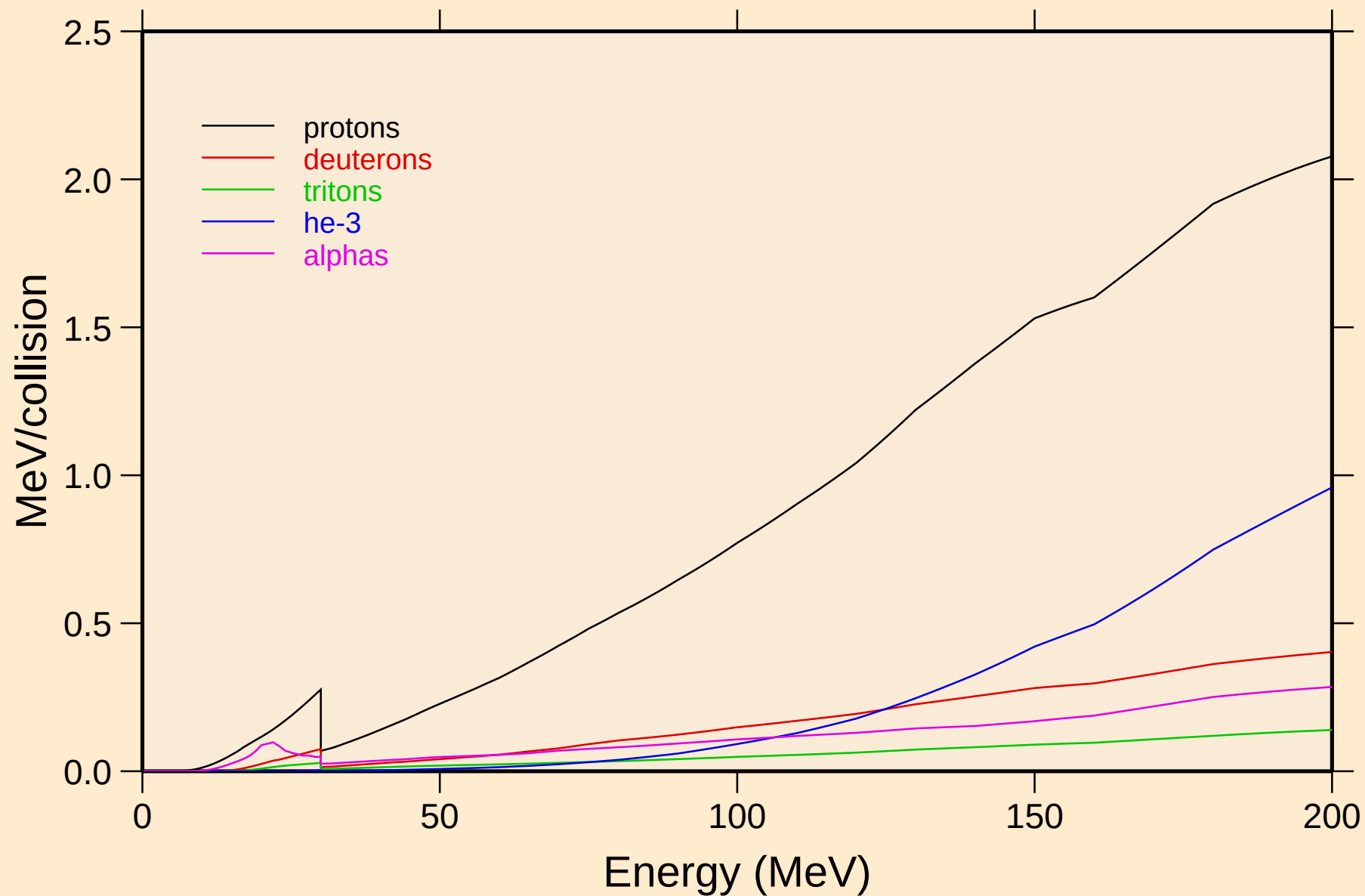


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

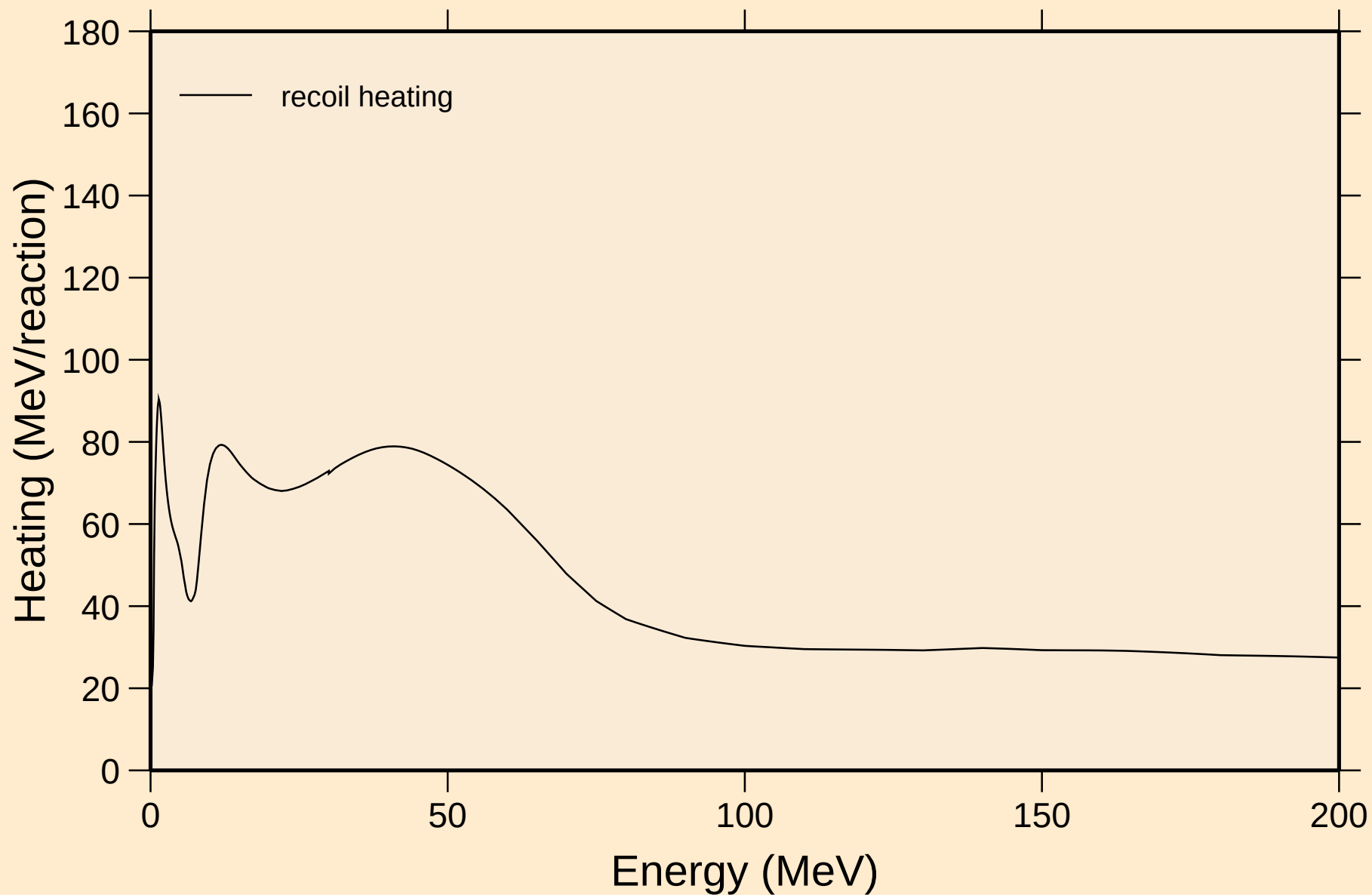


NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

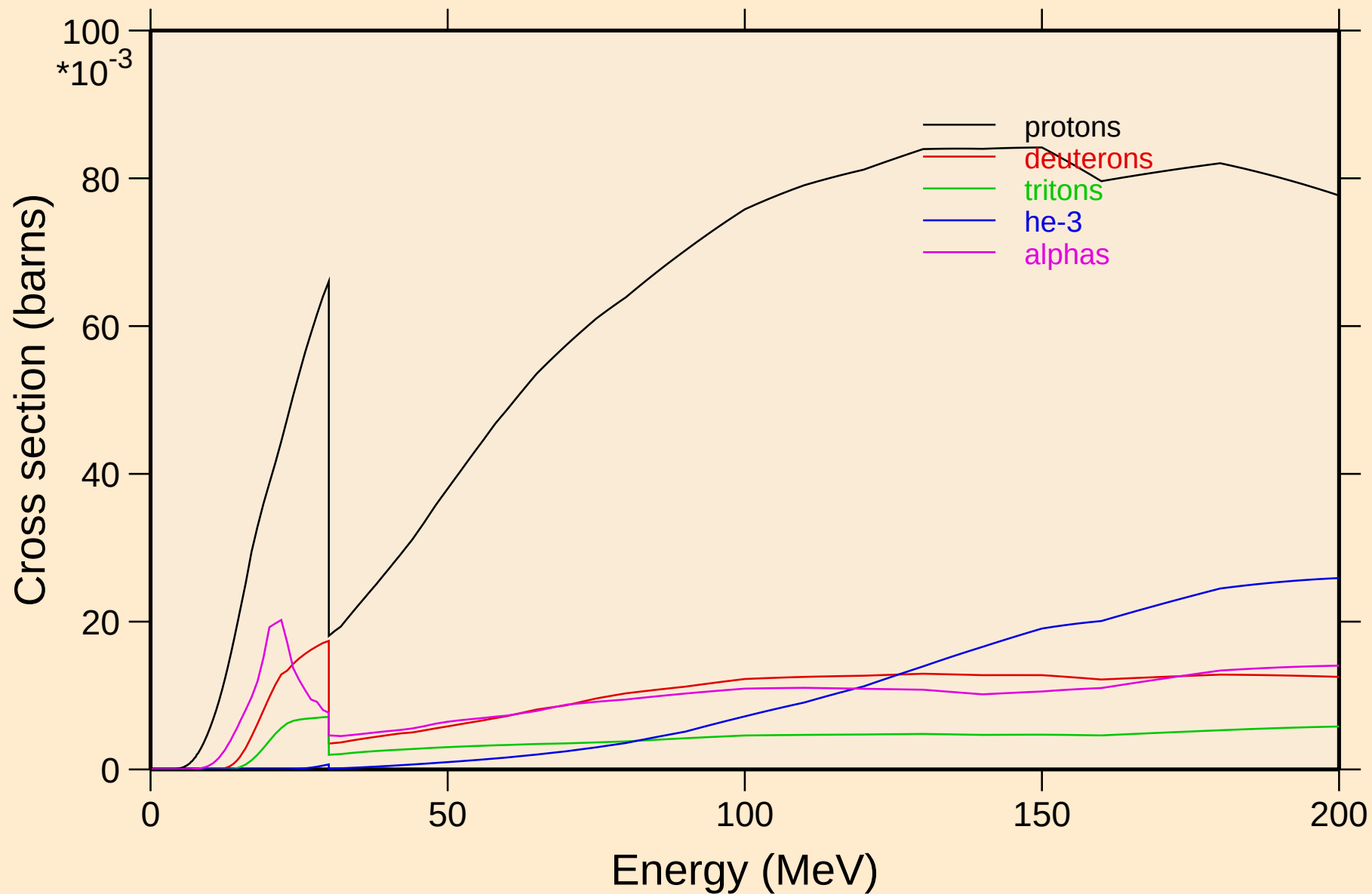
Particle heating contributions



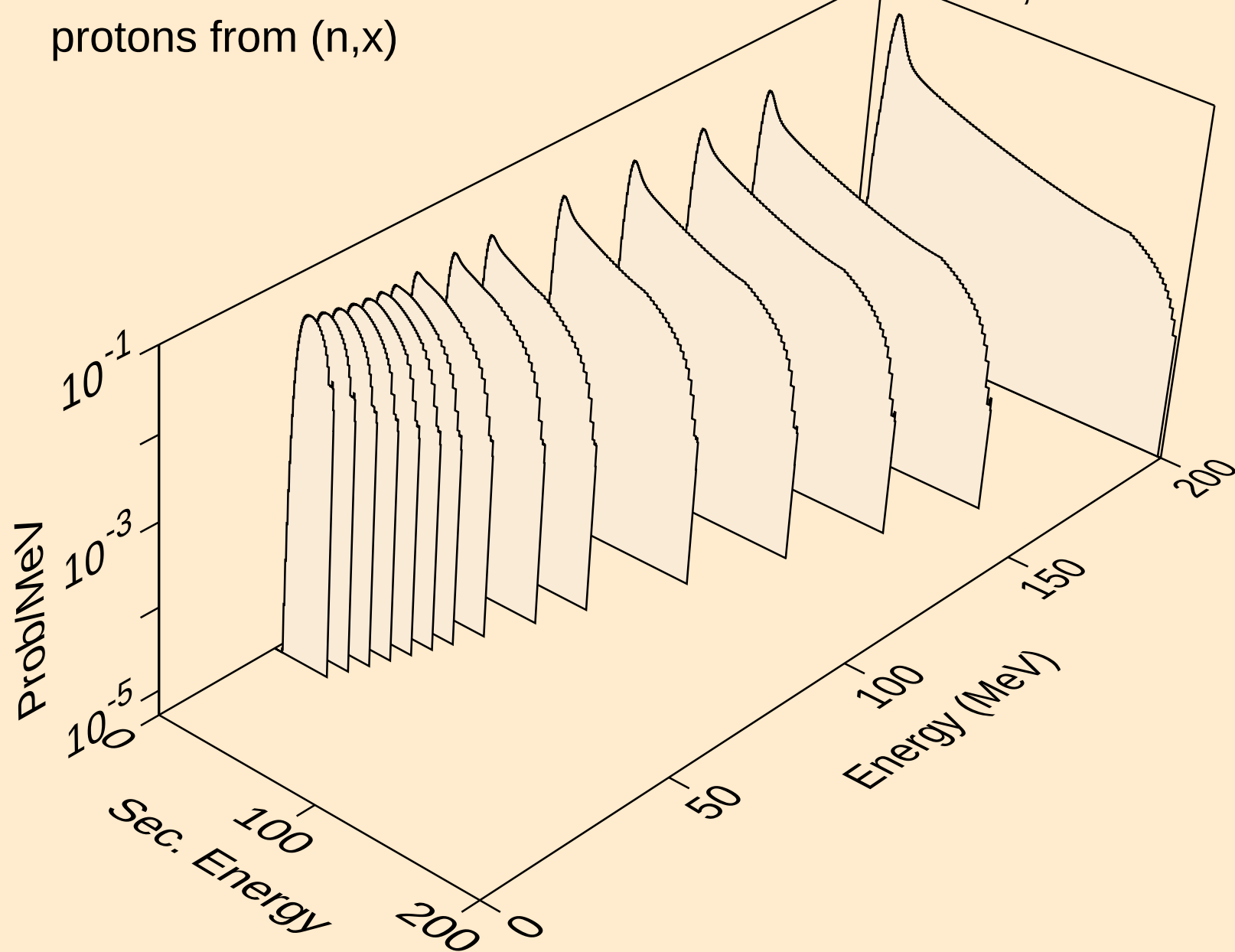
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating



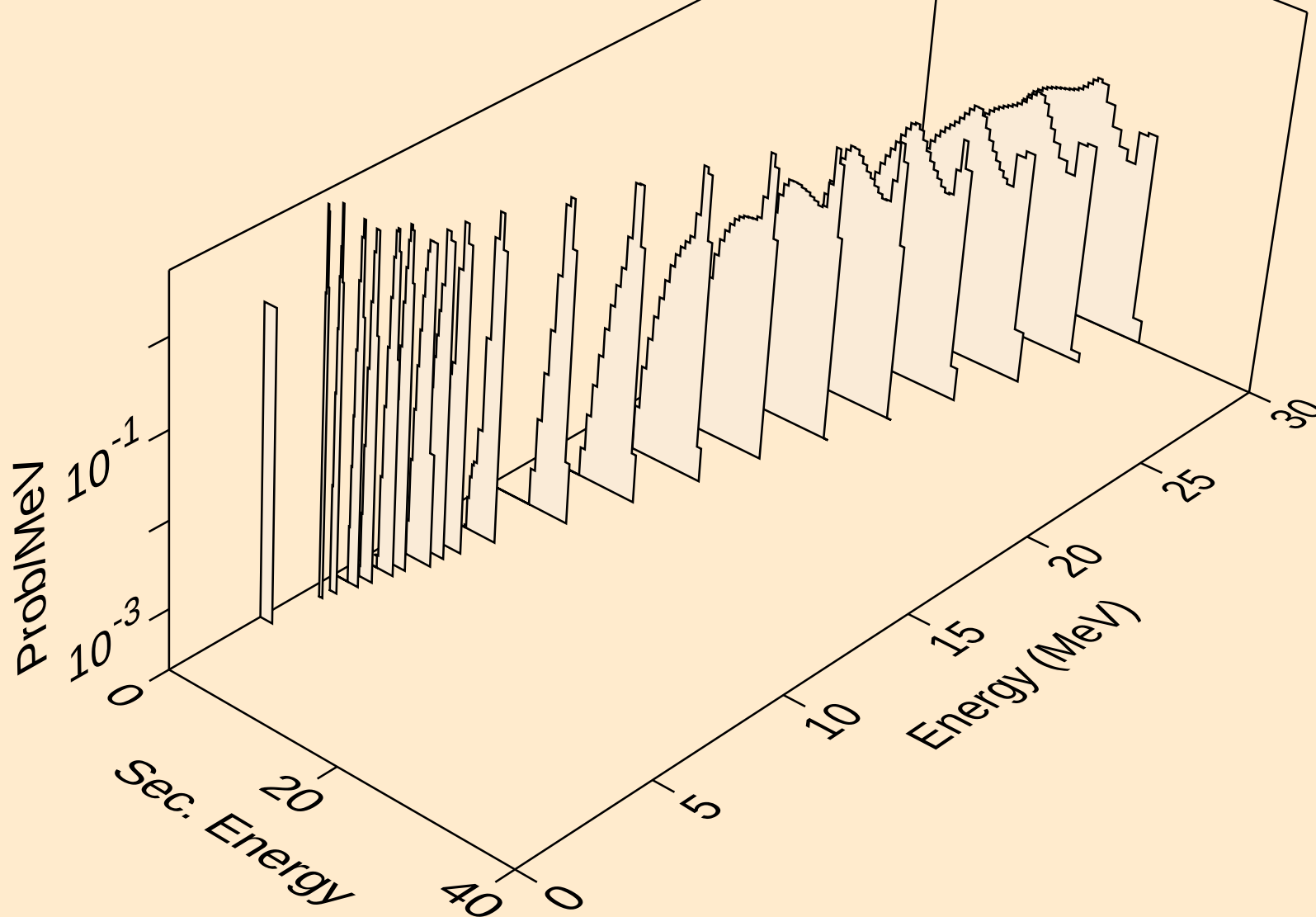
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



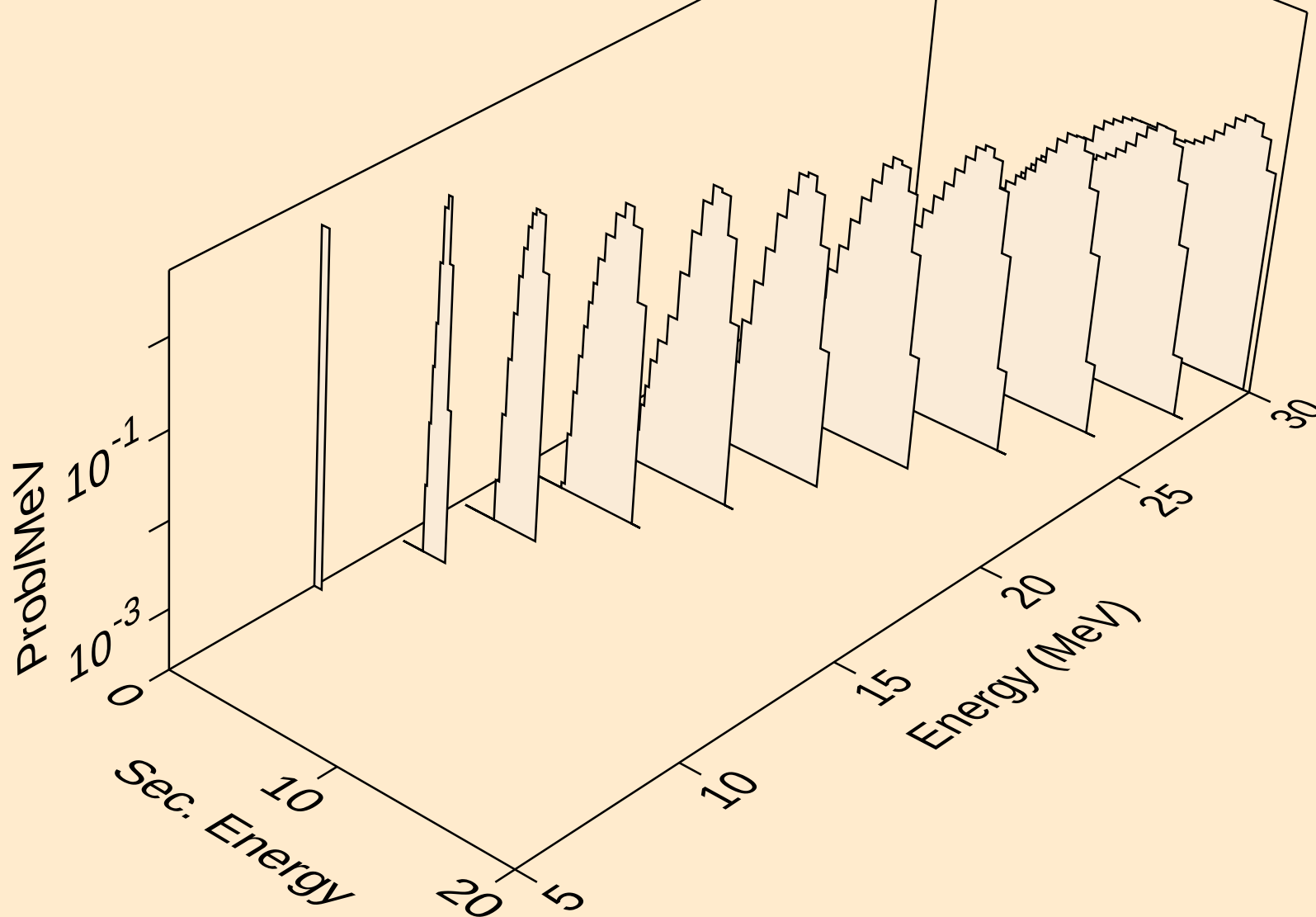
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



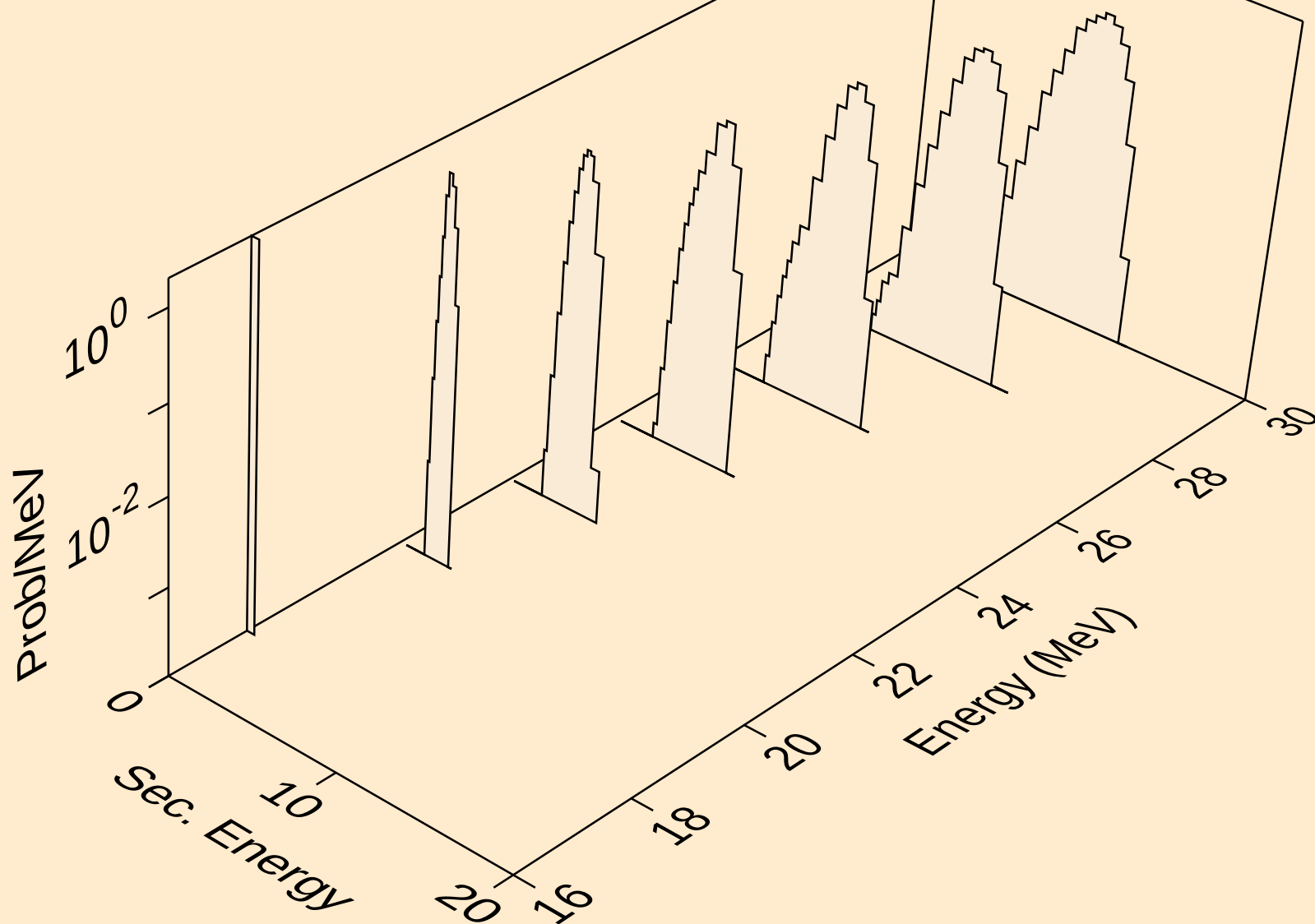
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



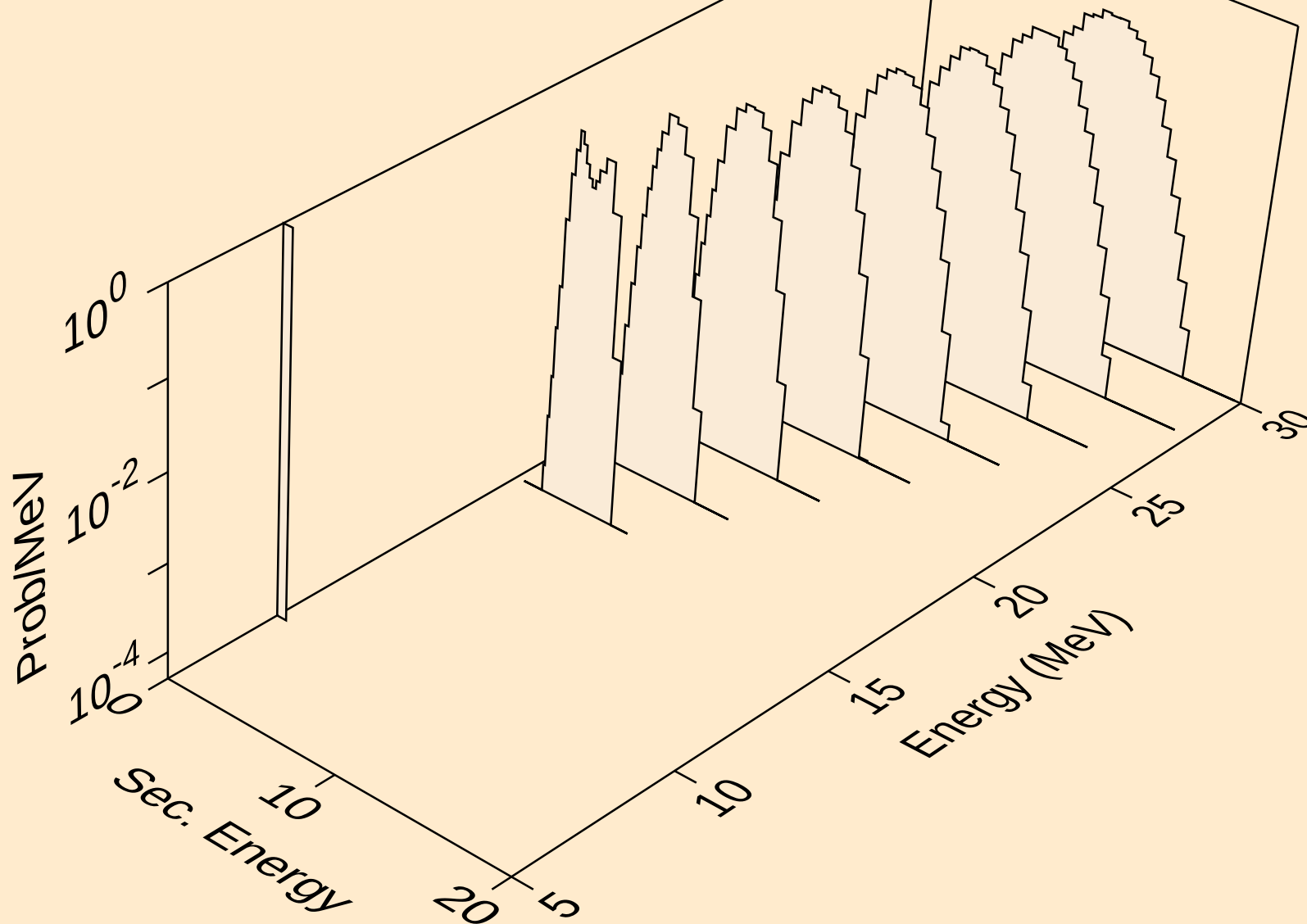
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



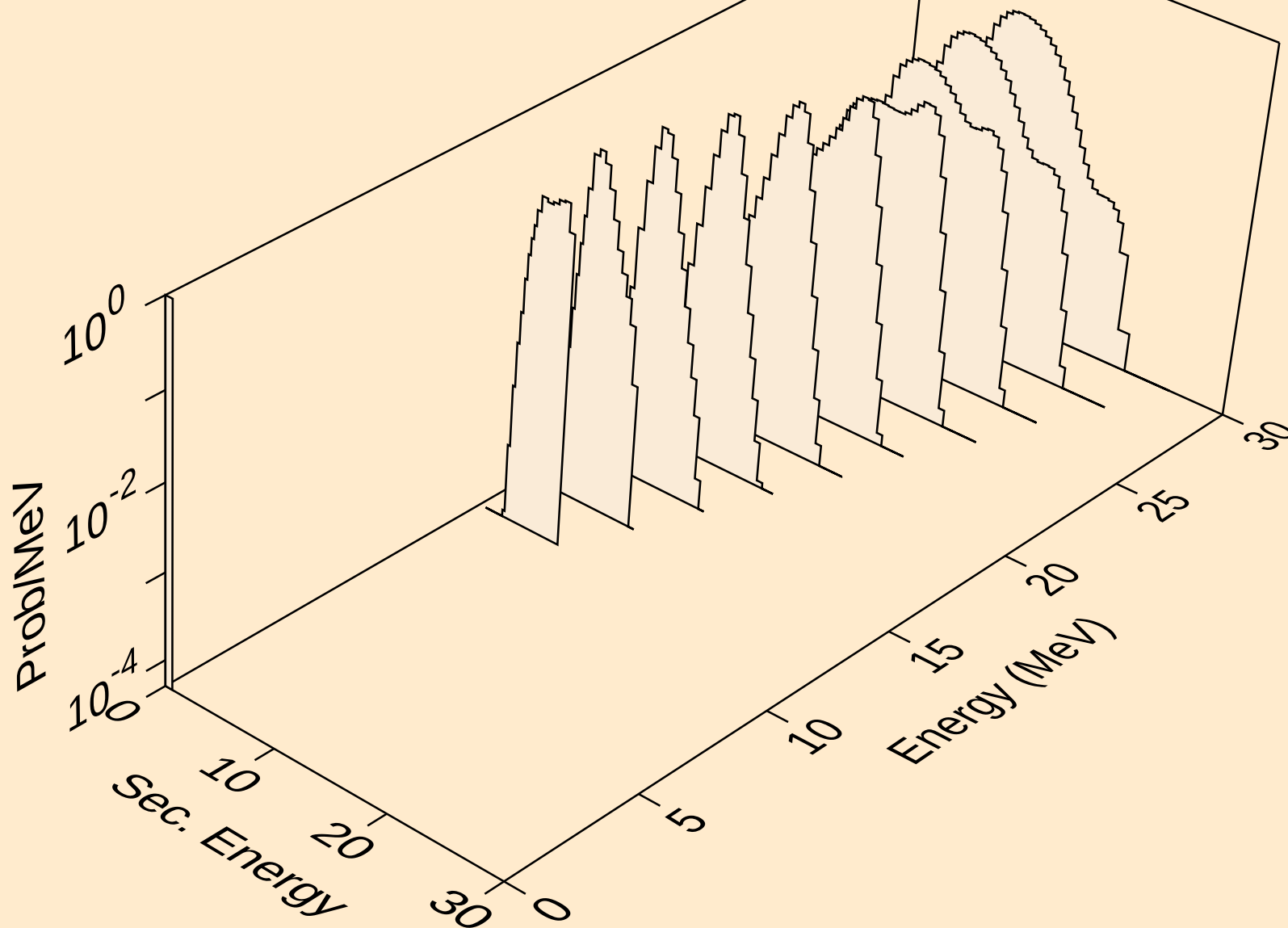
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,3np)



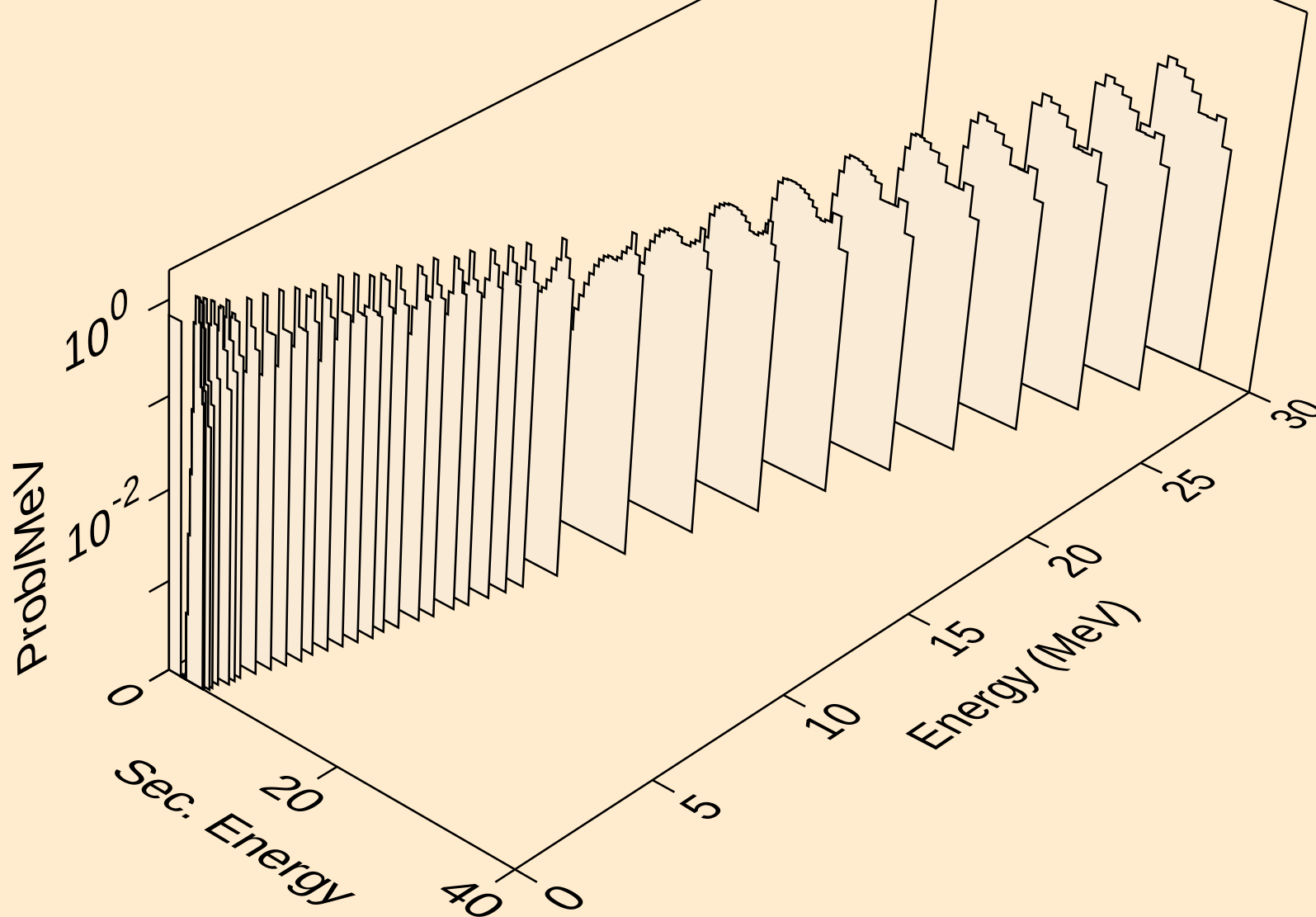
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



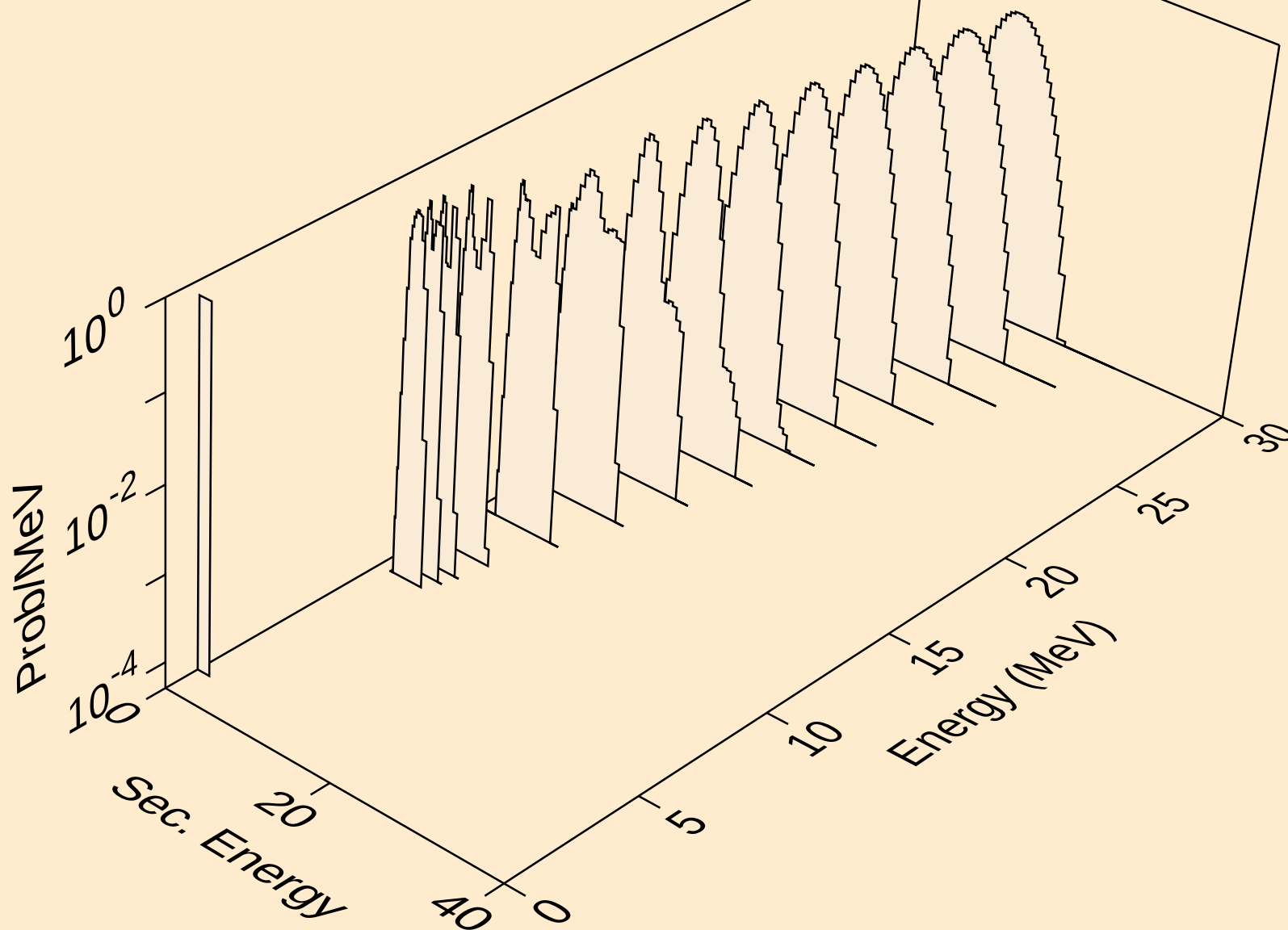
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,npa)



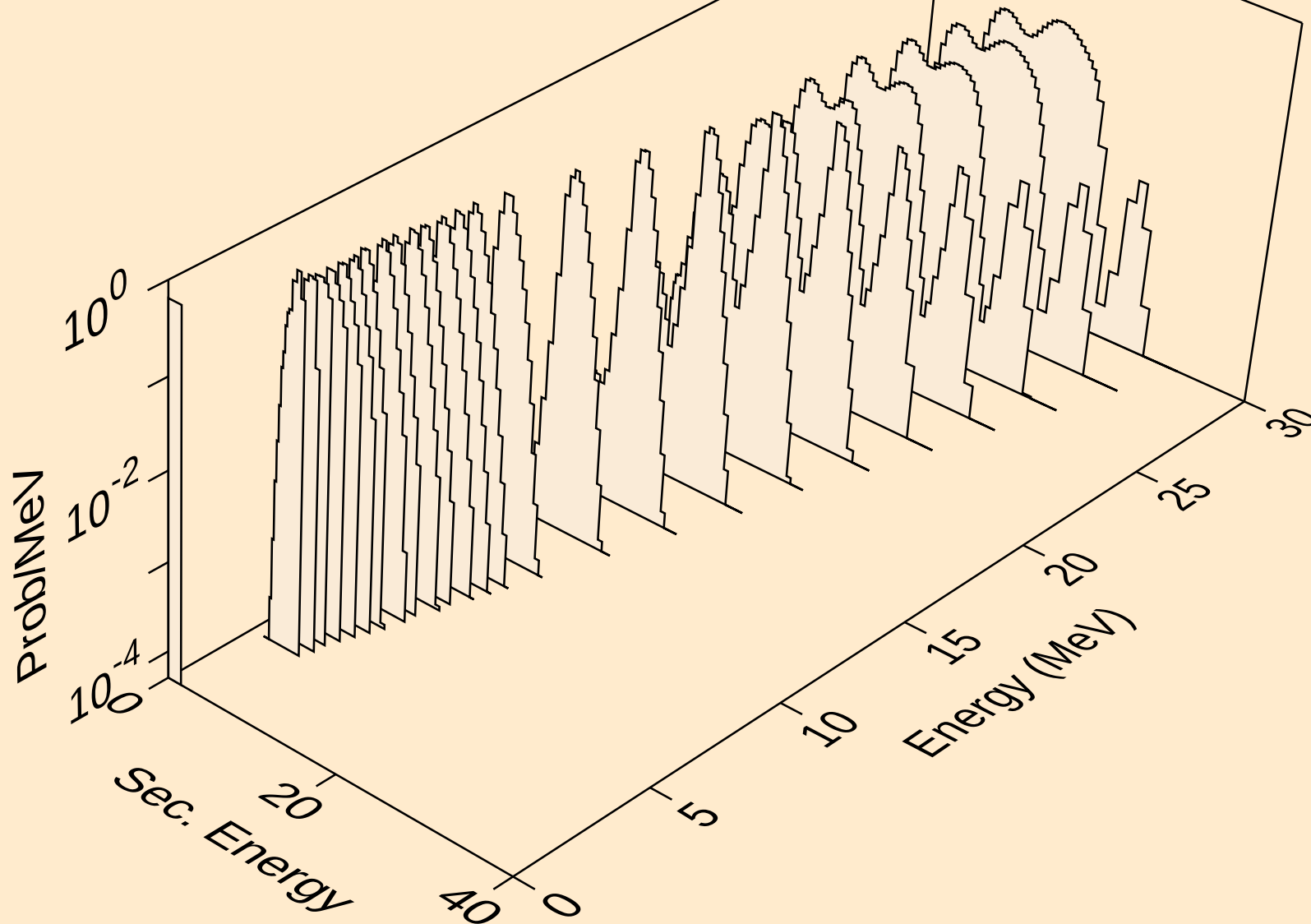
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



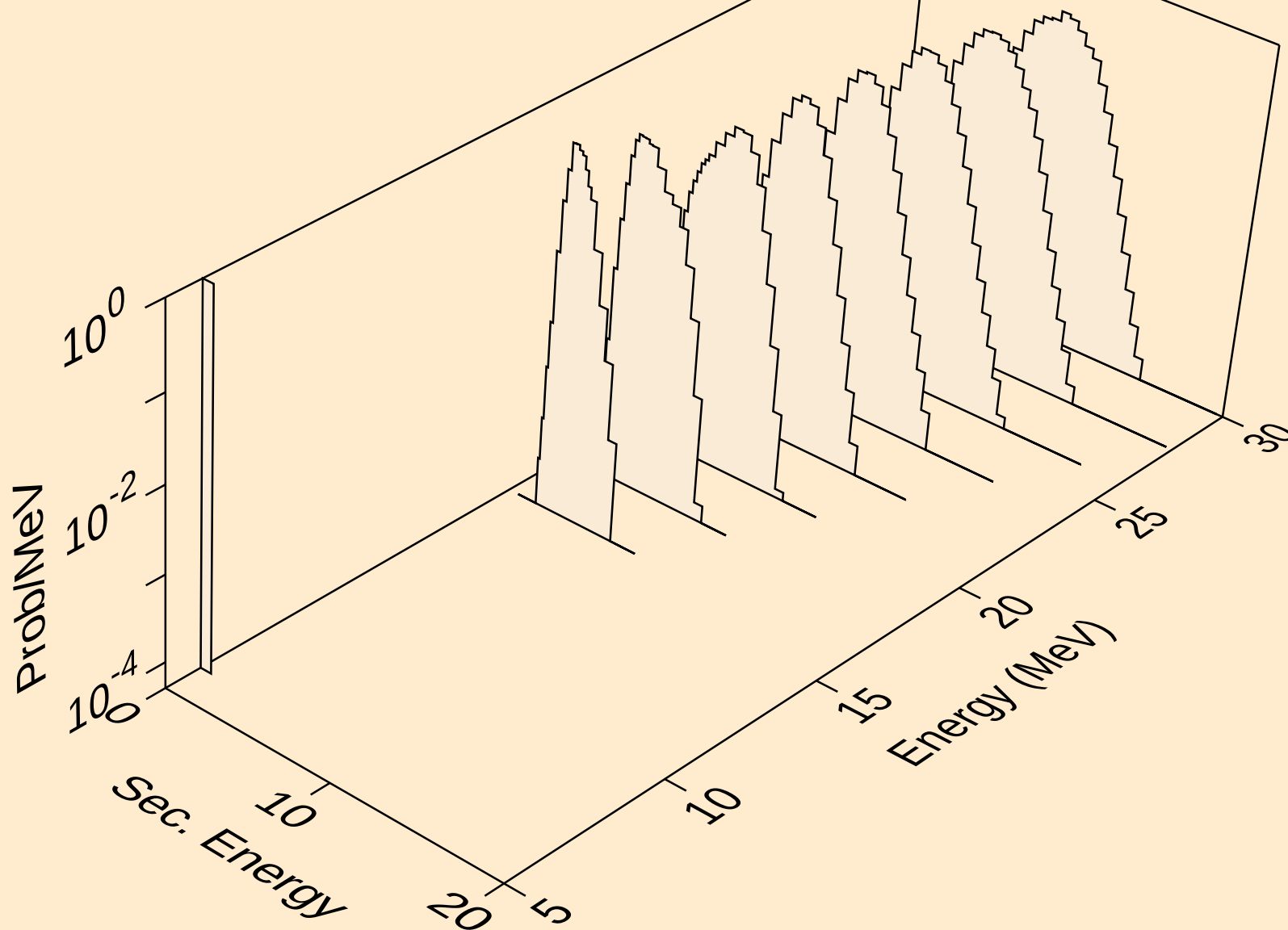
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2p)



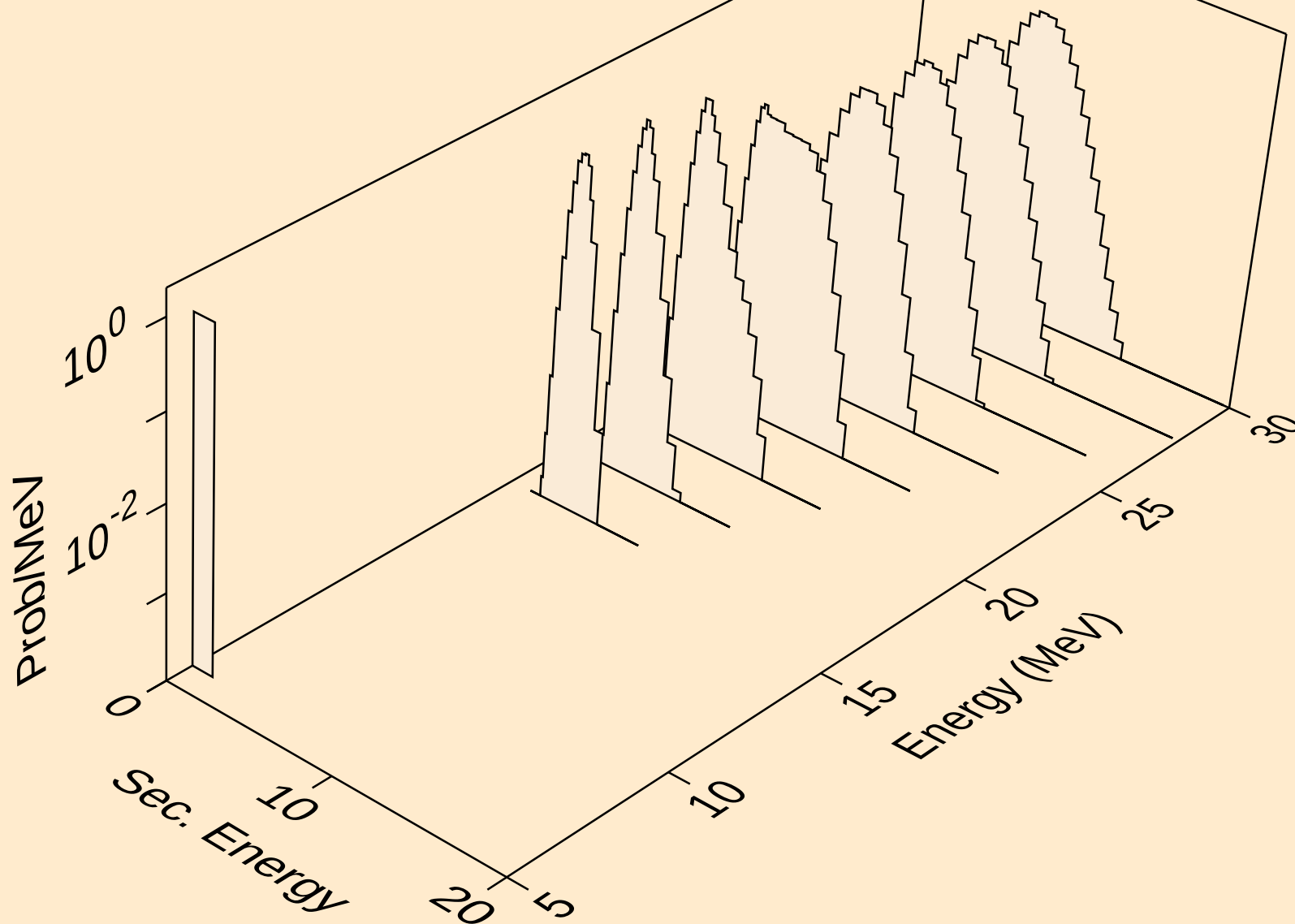
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



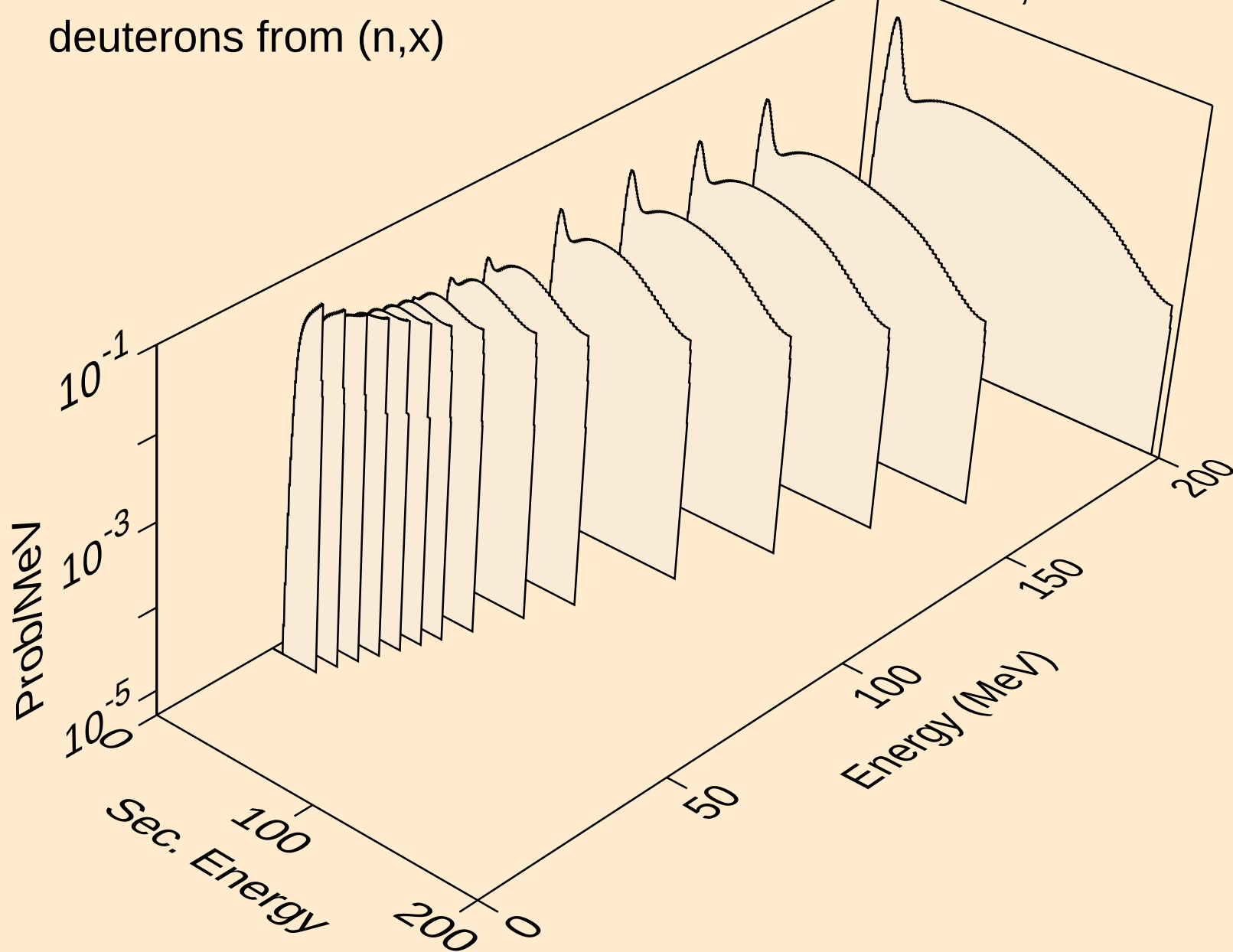
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



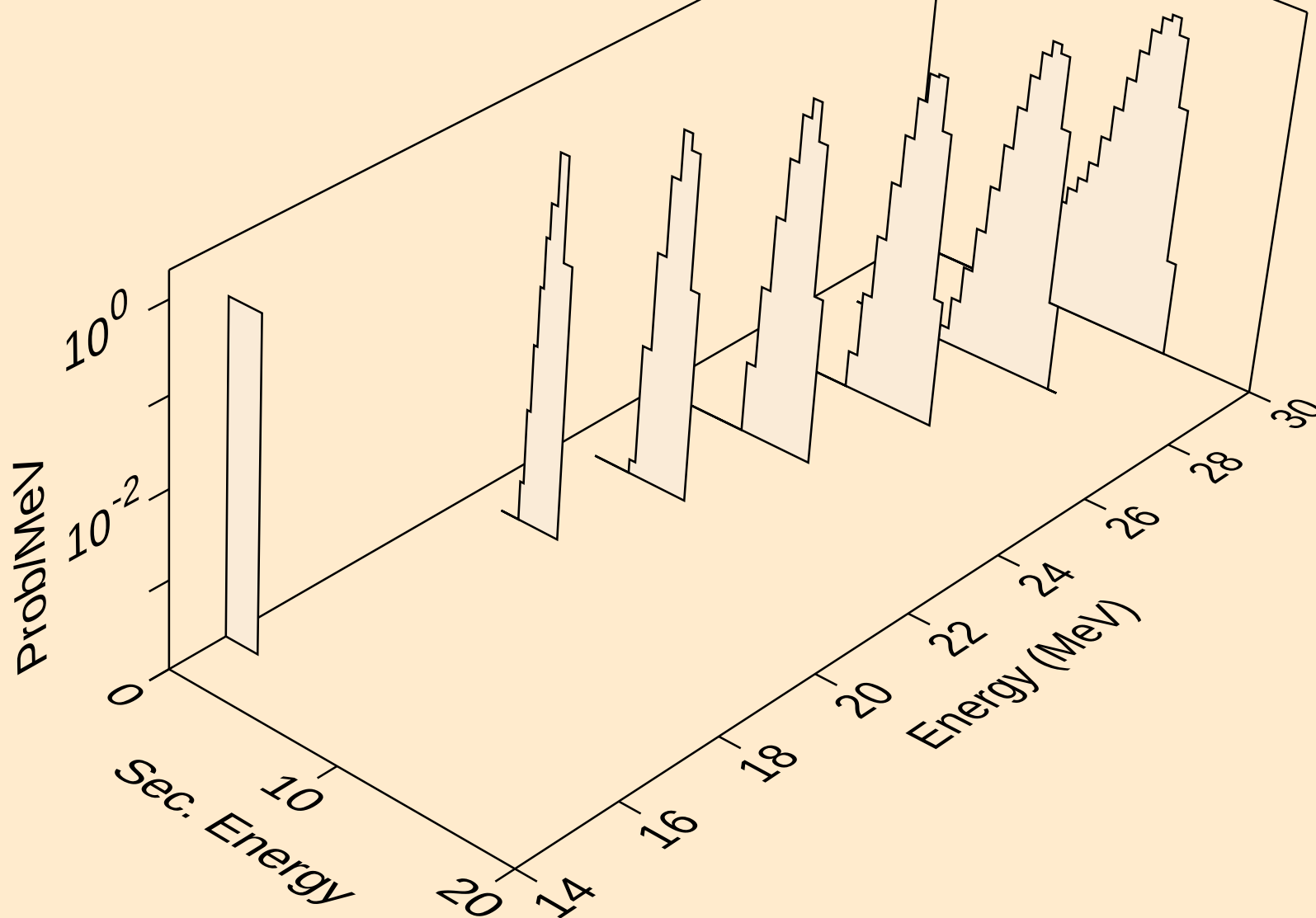
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pt)



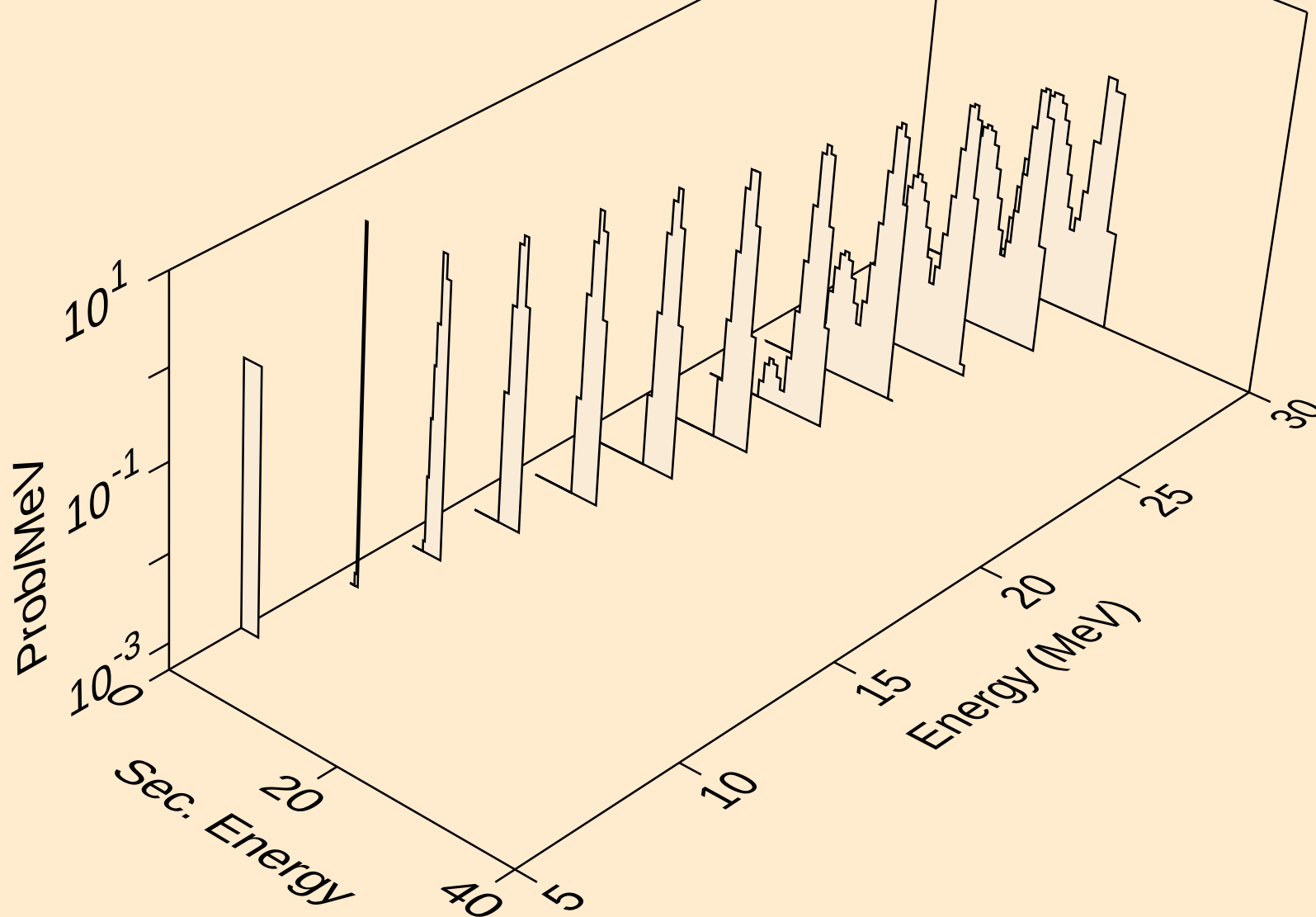
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



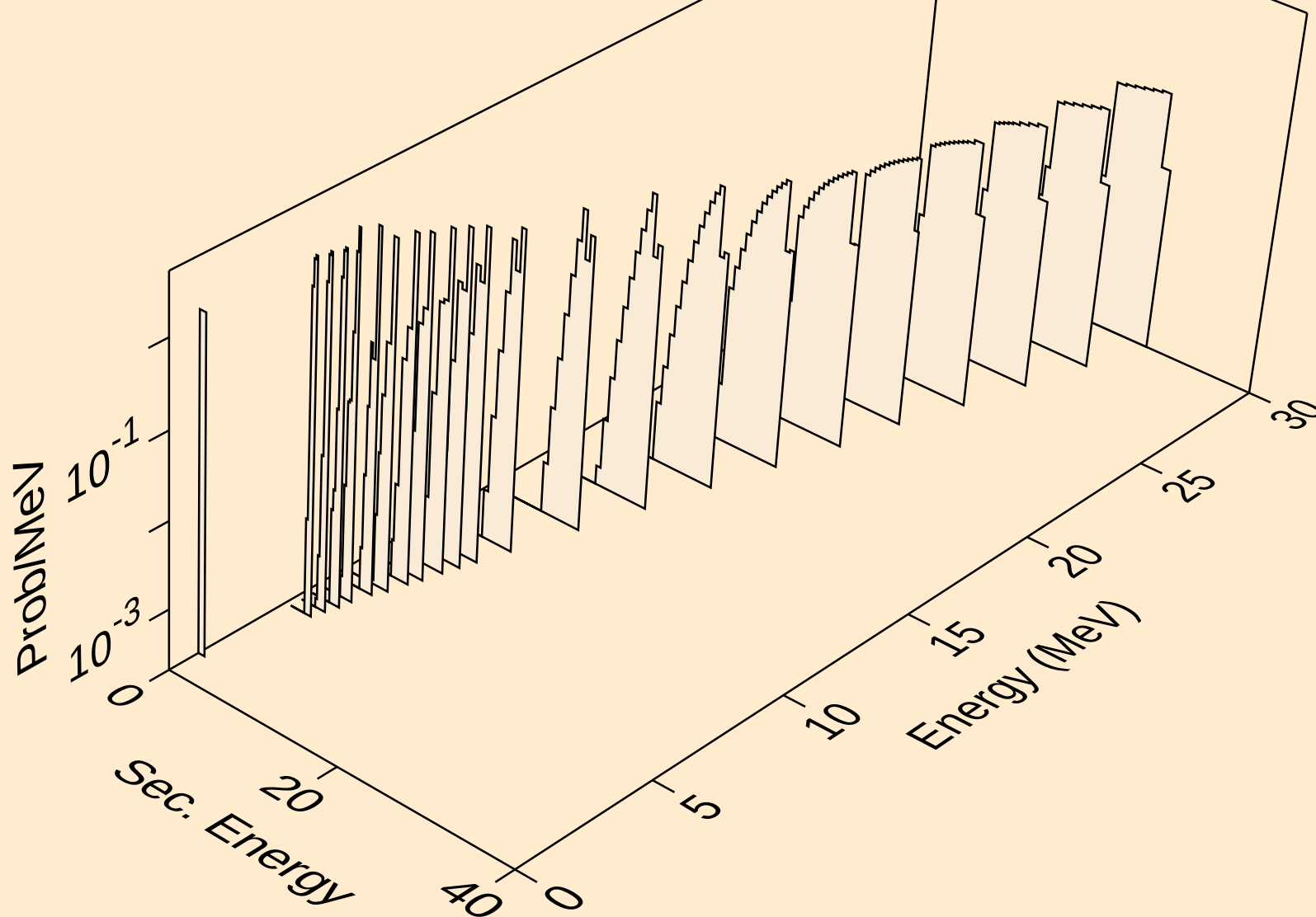
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,2nd)



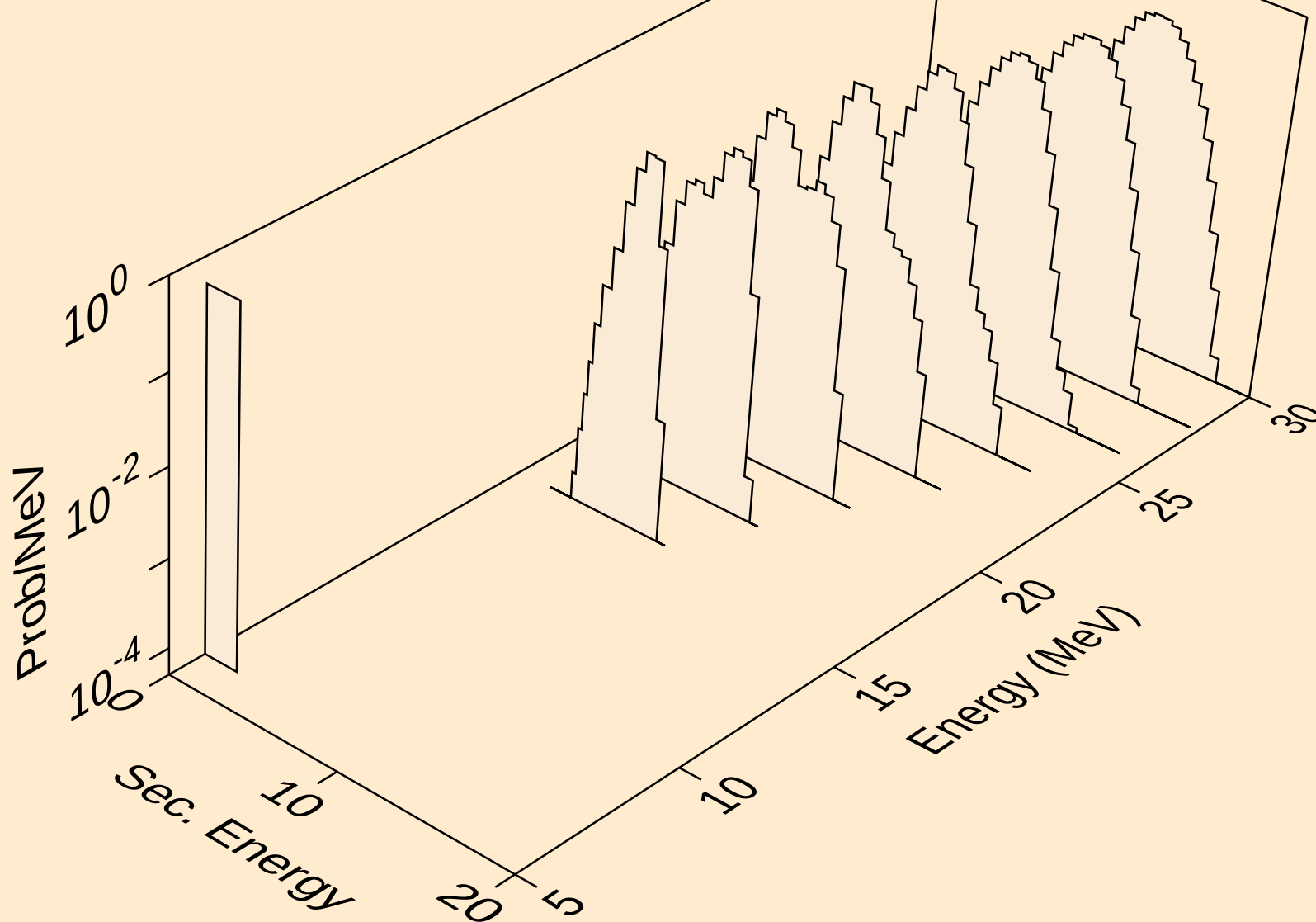
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



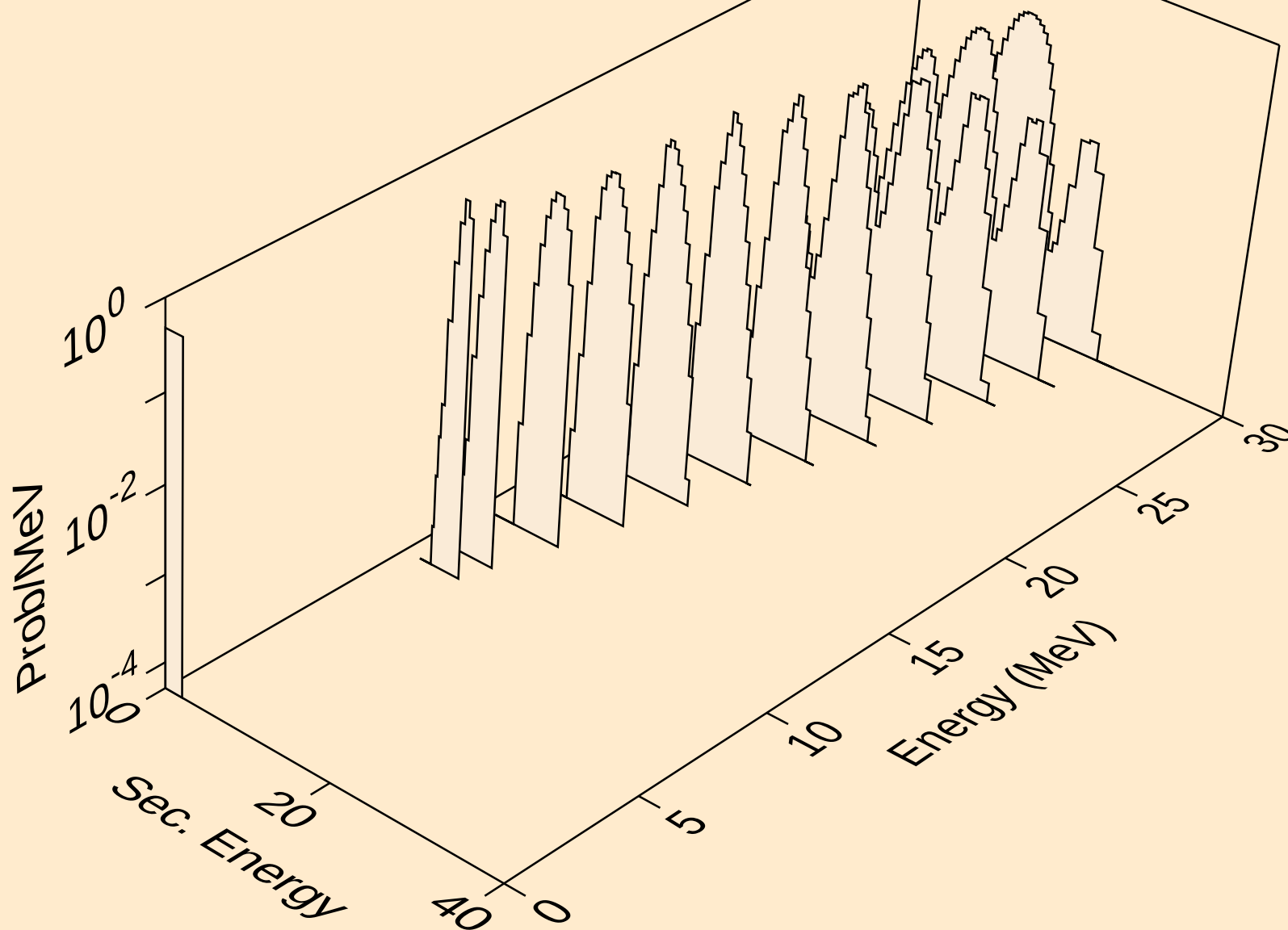
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d)



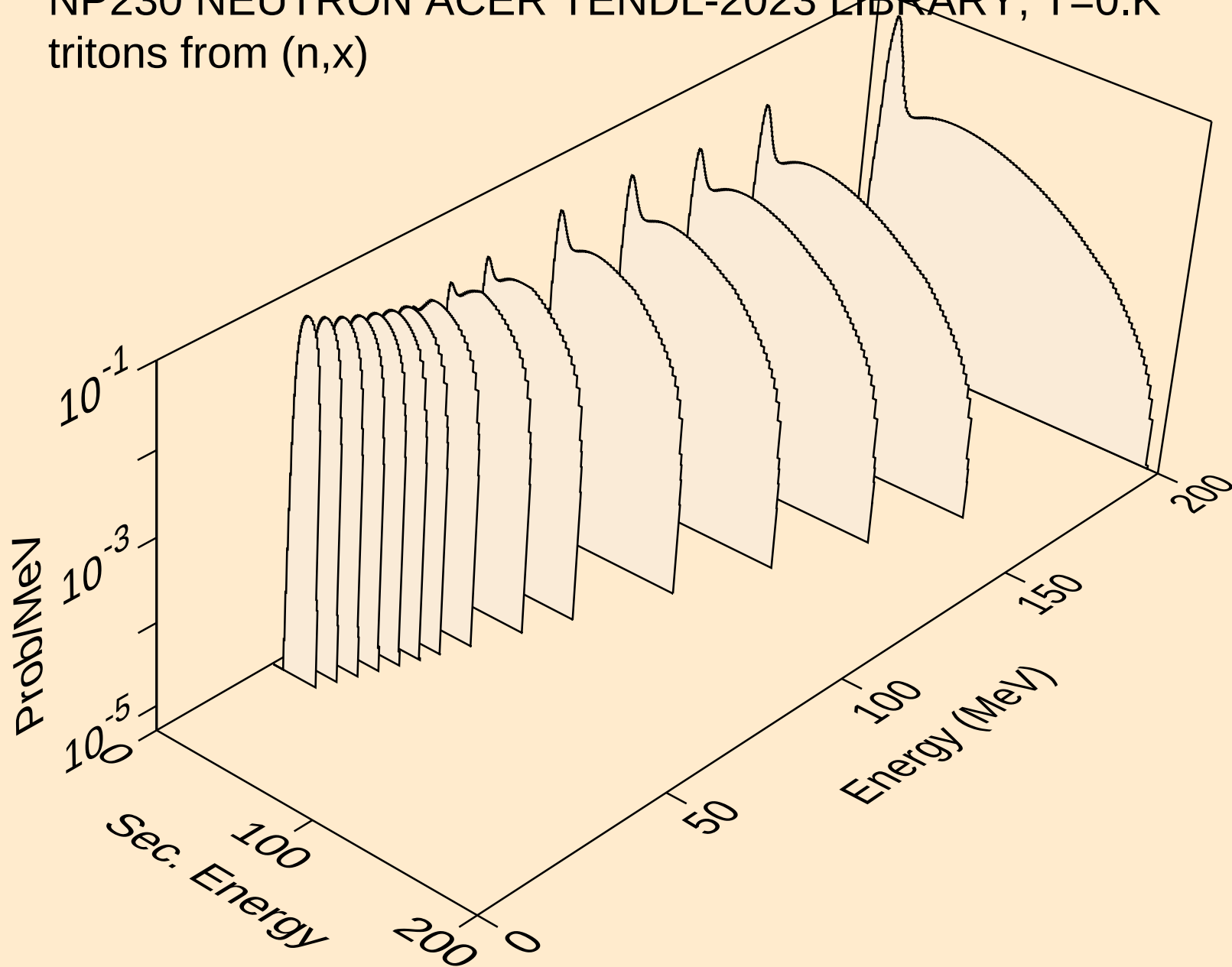
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



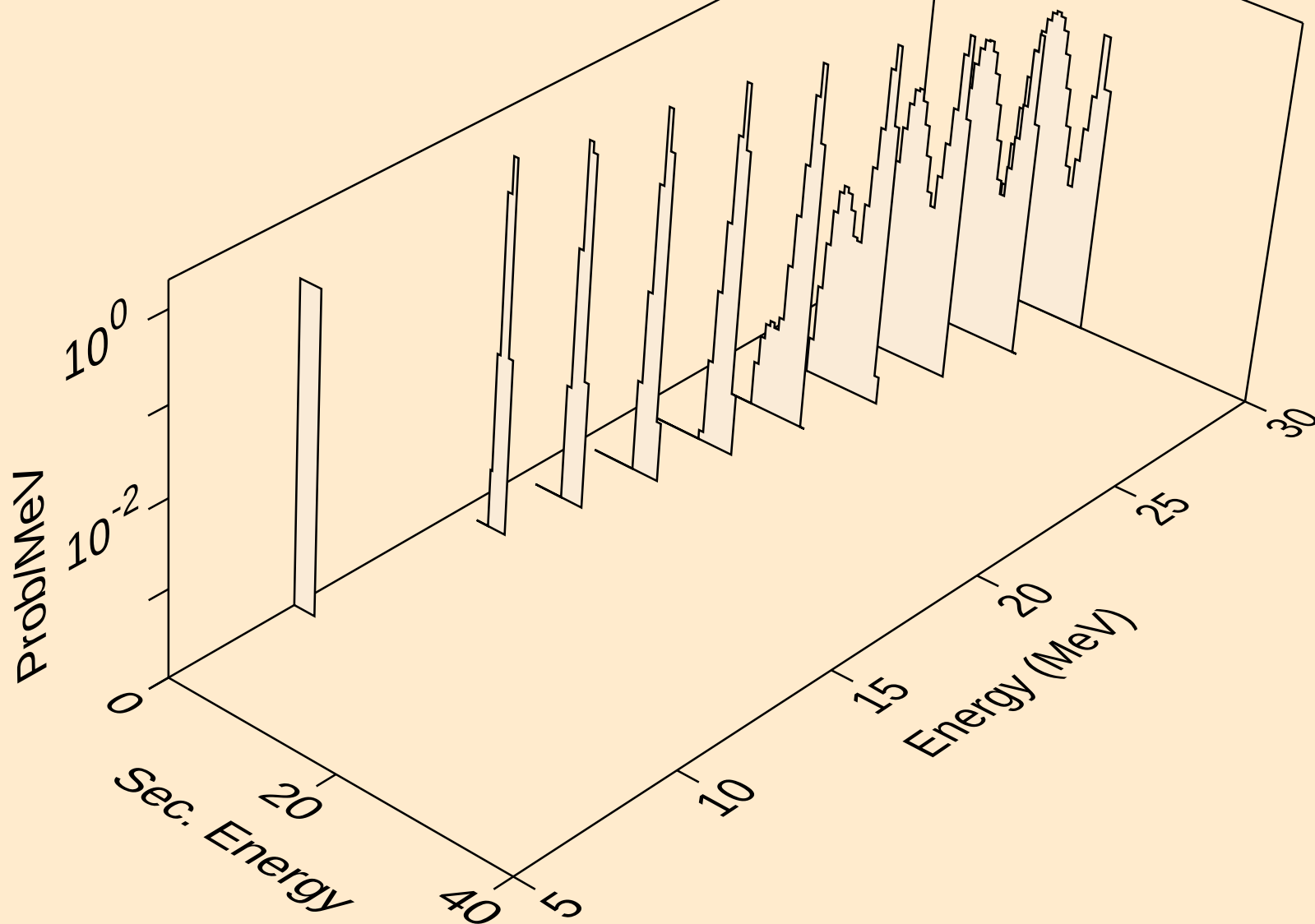
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deuterons from (n,da)



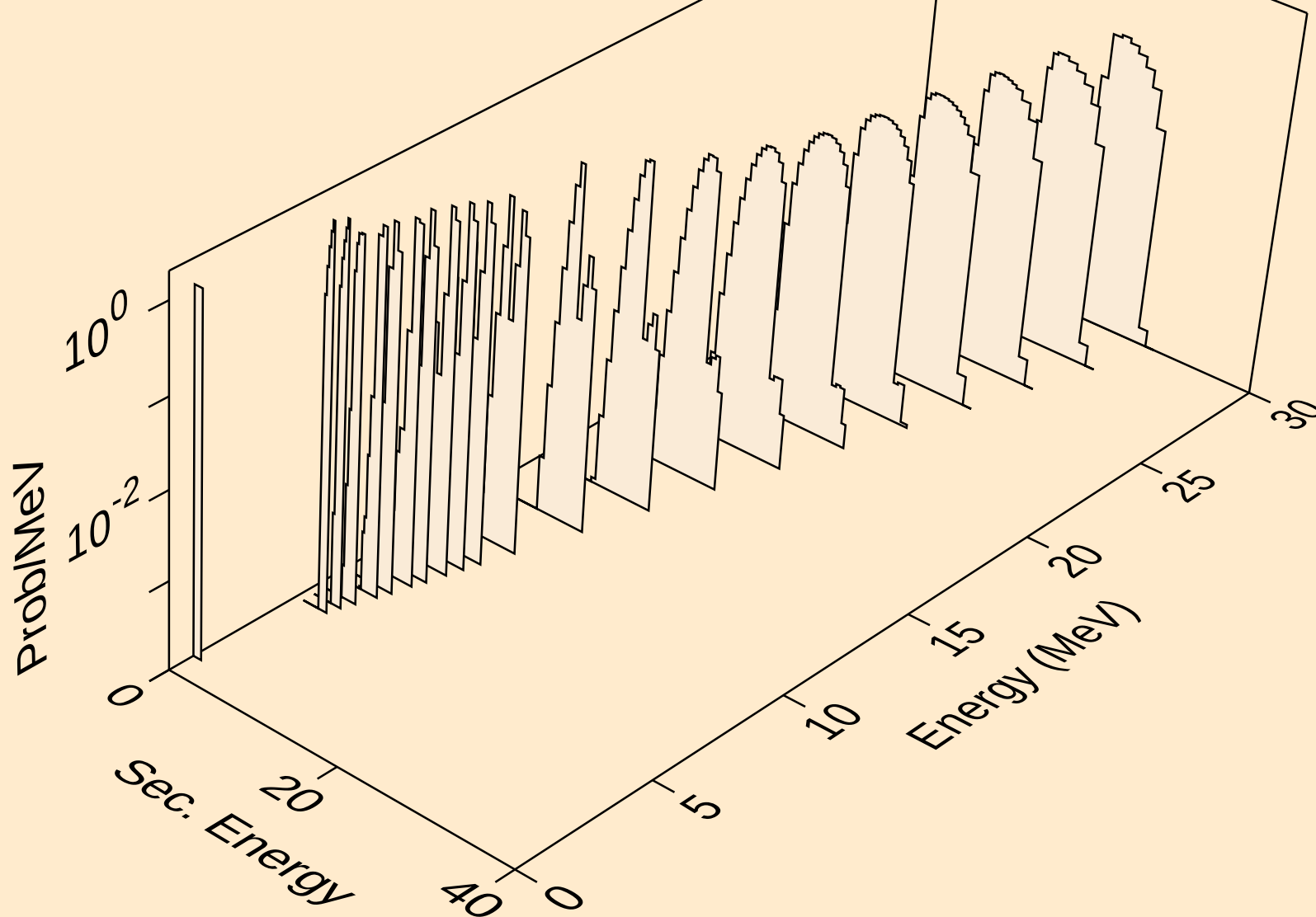
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



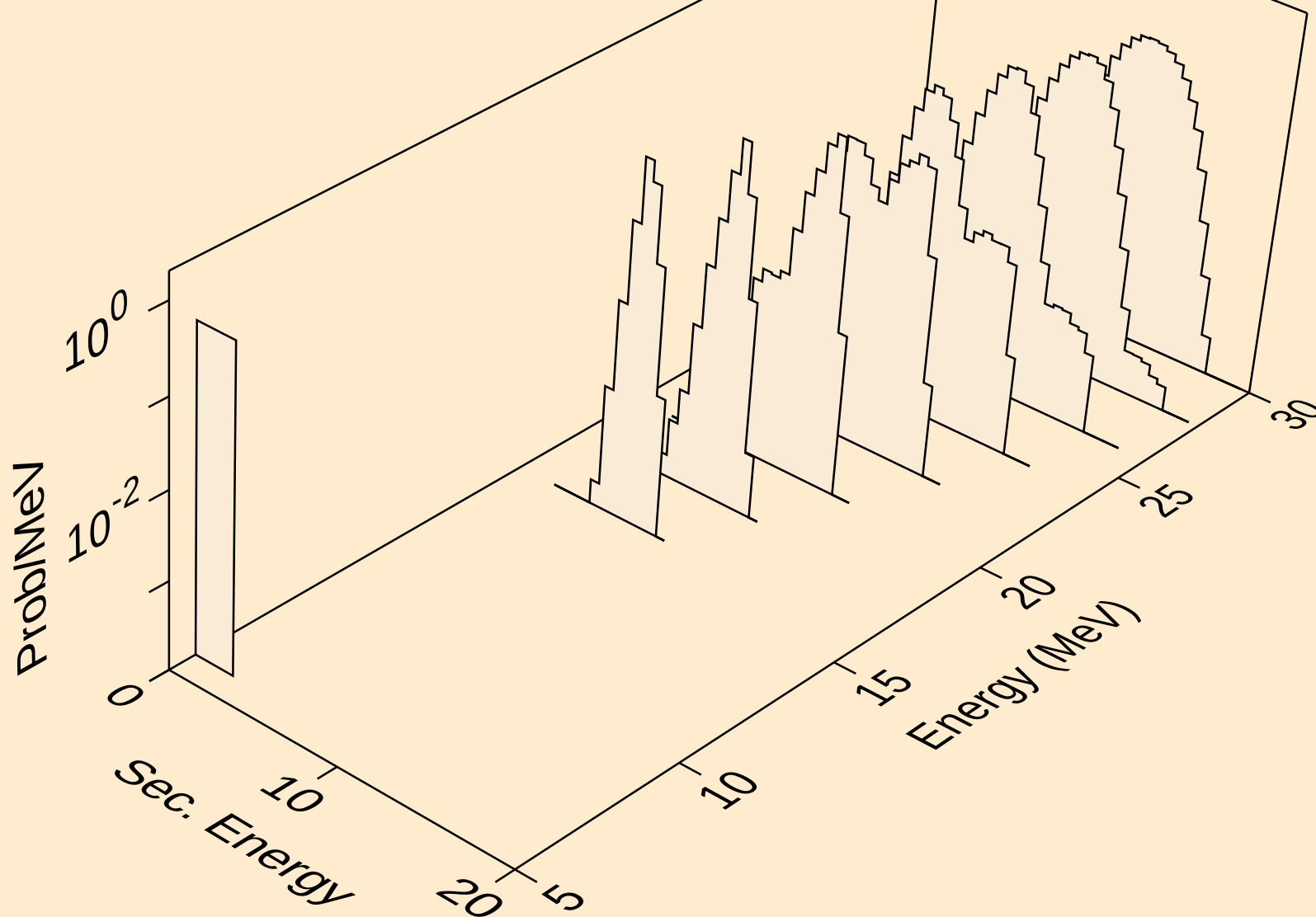
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



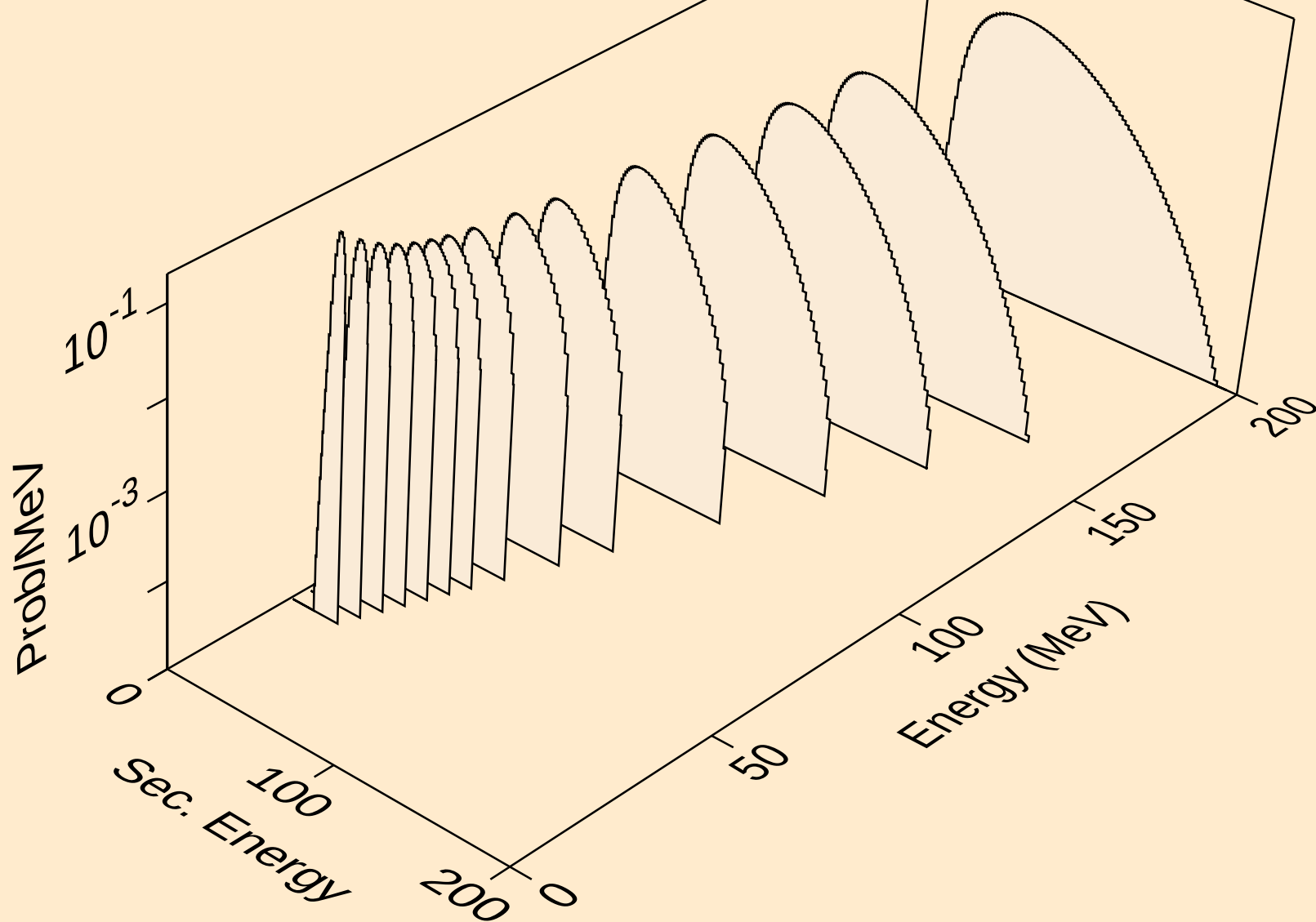
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tritons from (n,t)



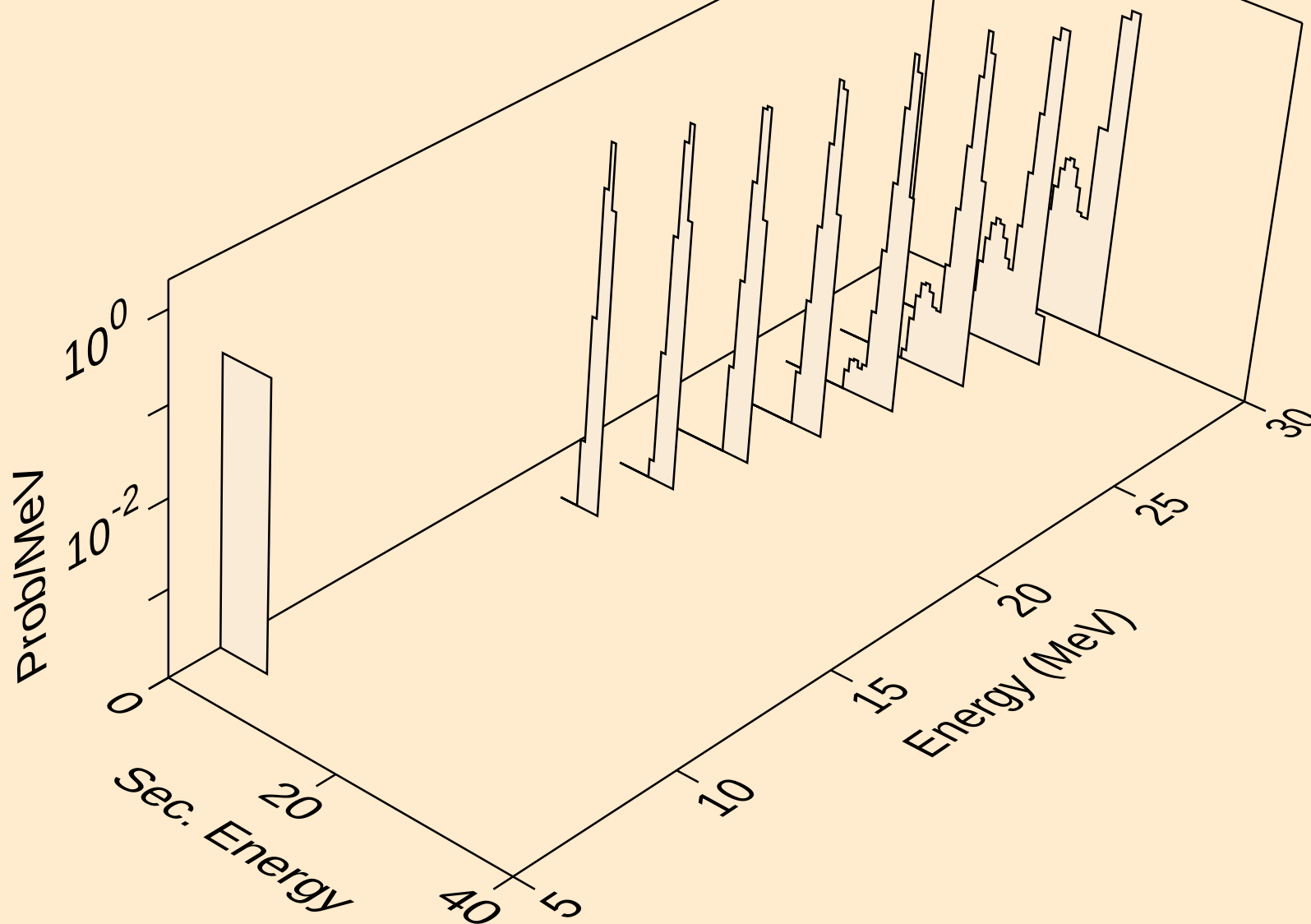
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,pt)



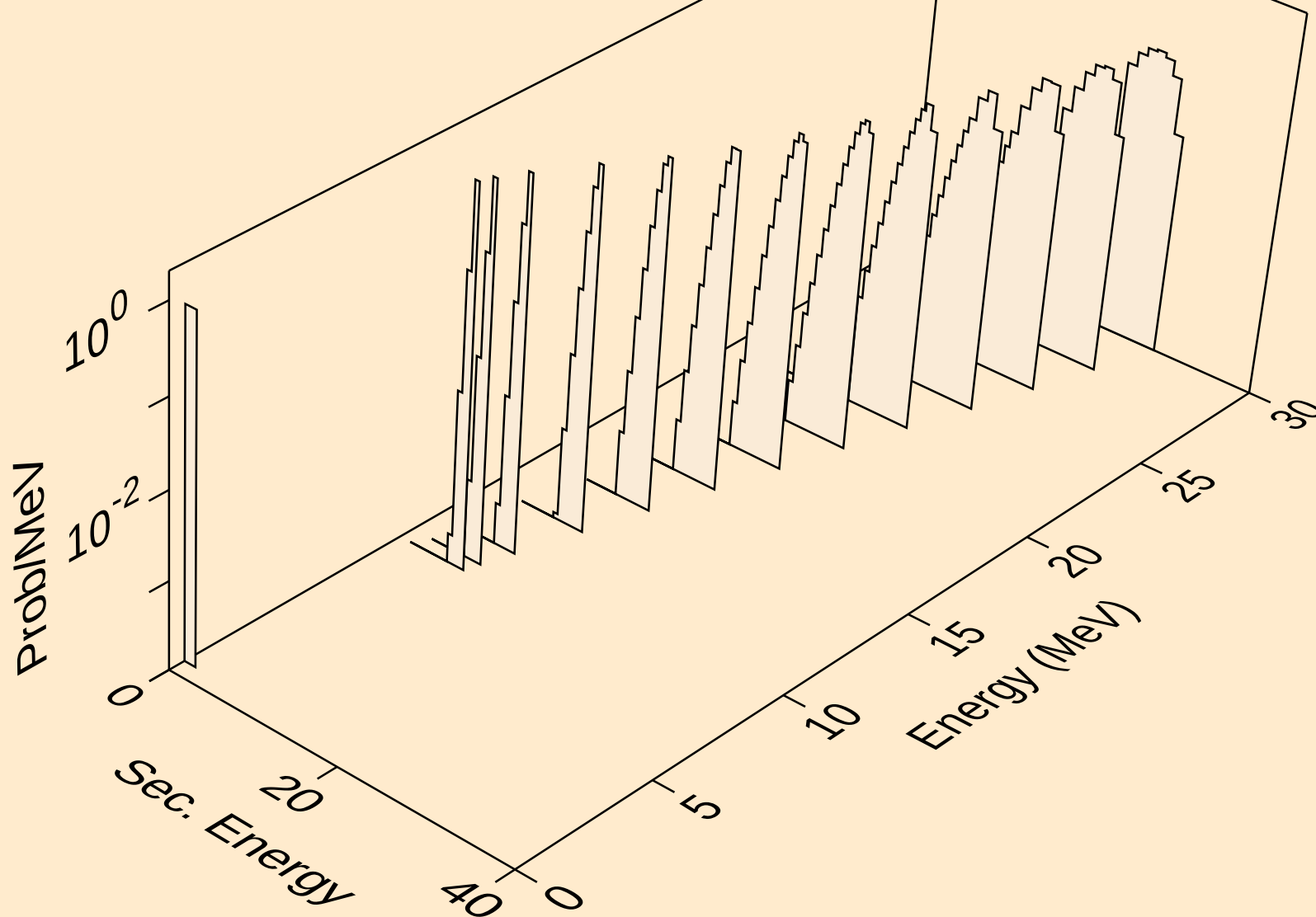
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



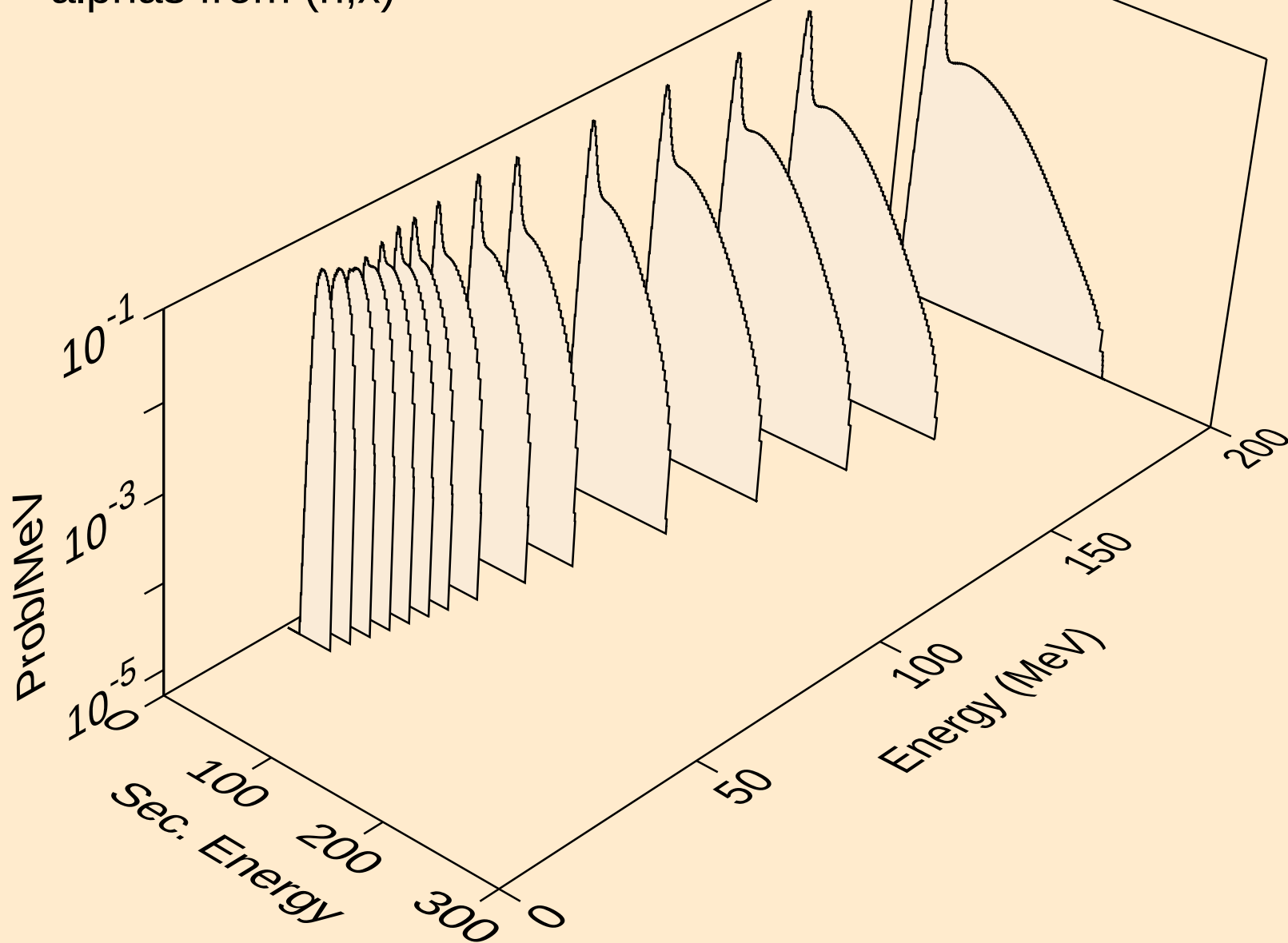
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



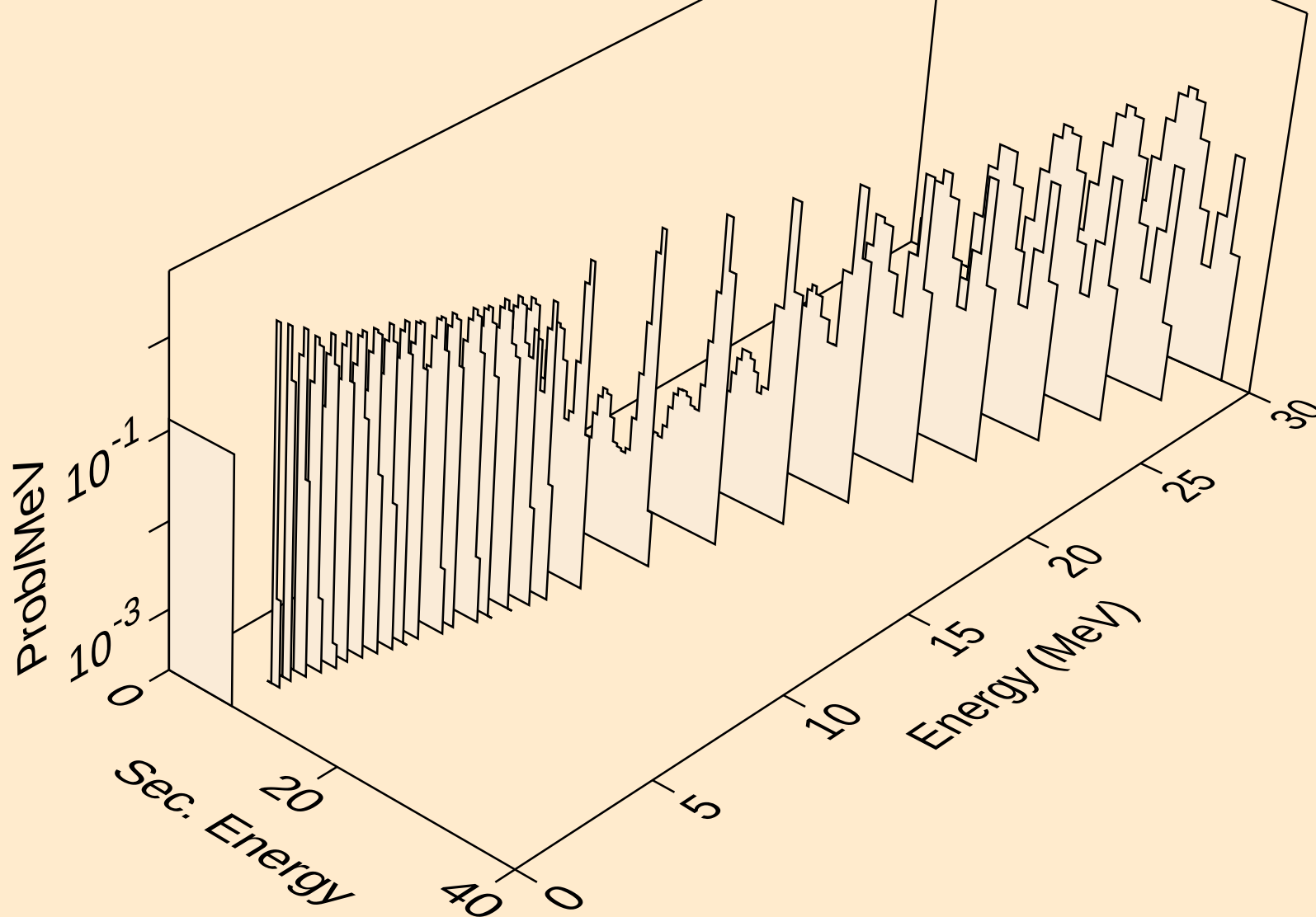
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



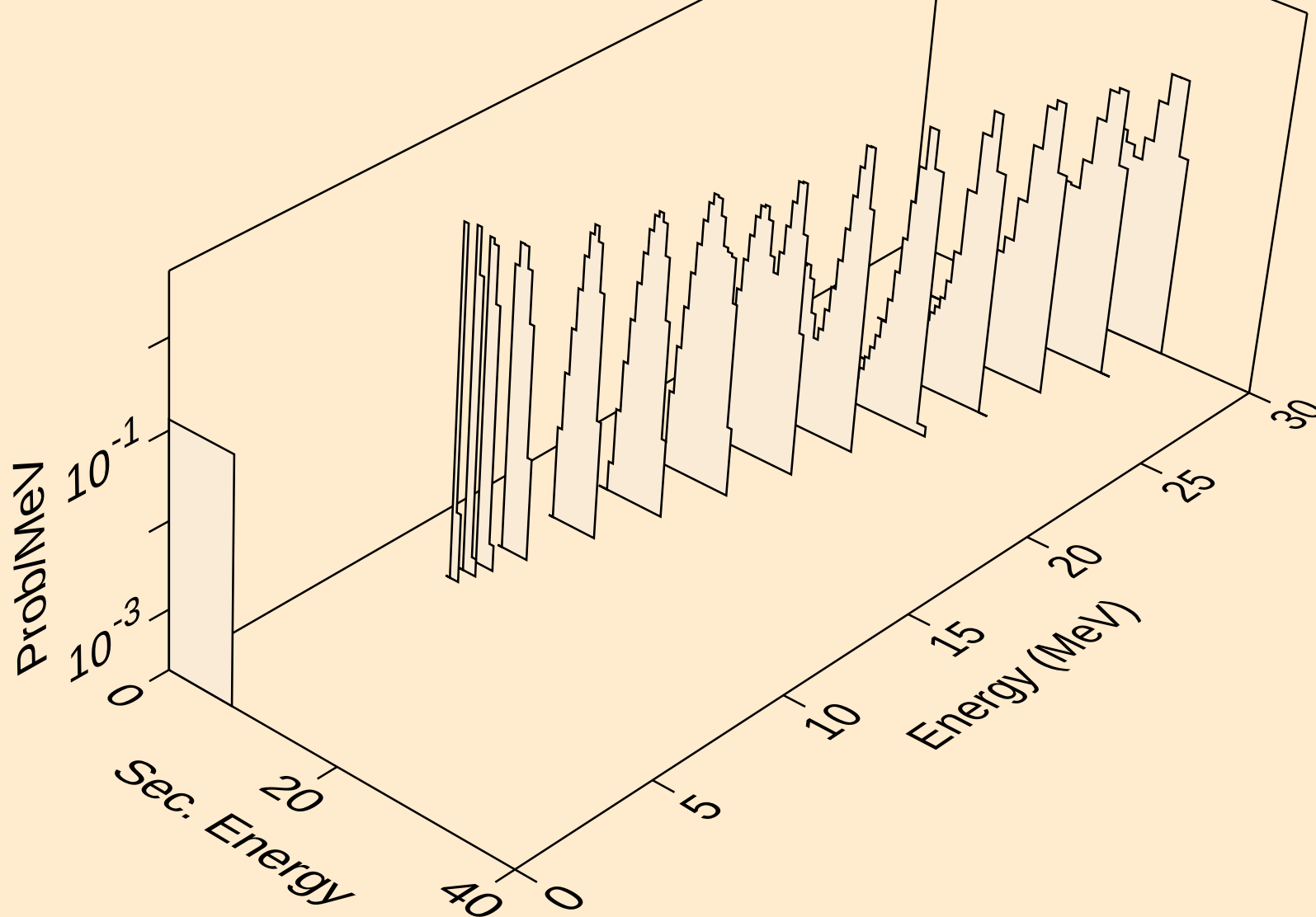
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



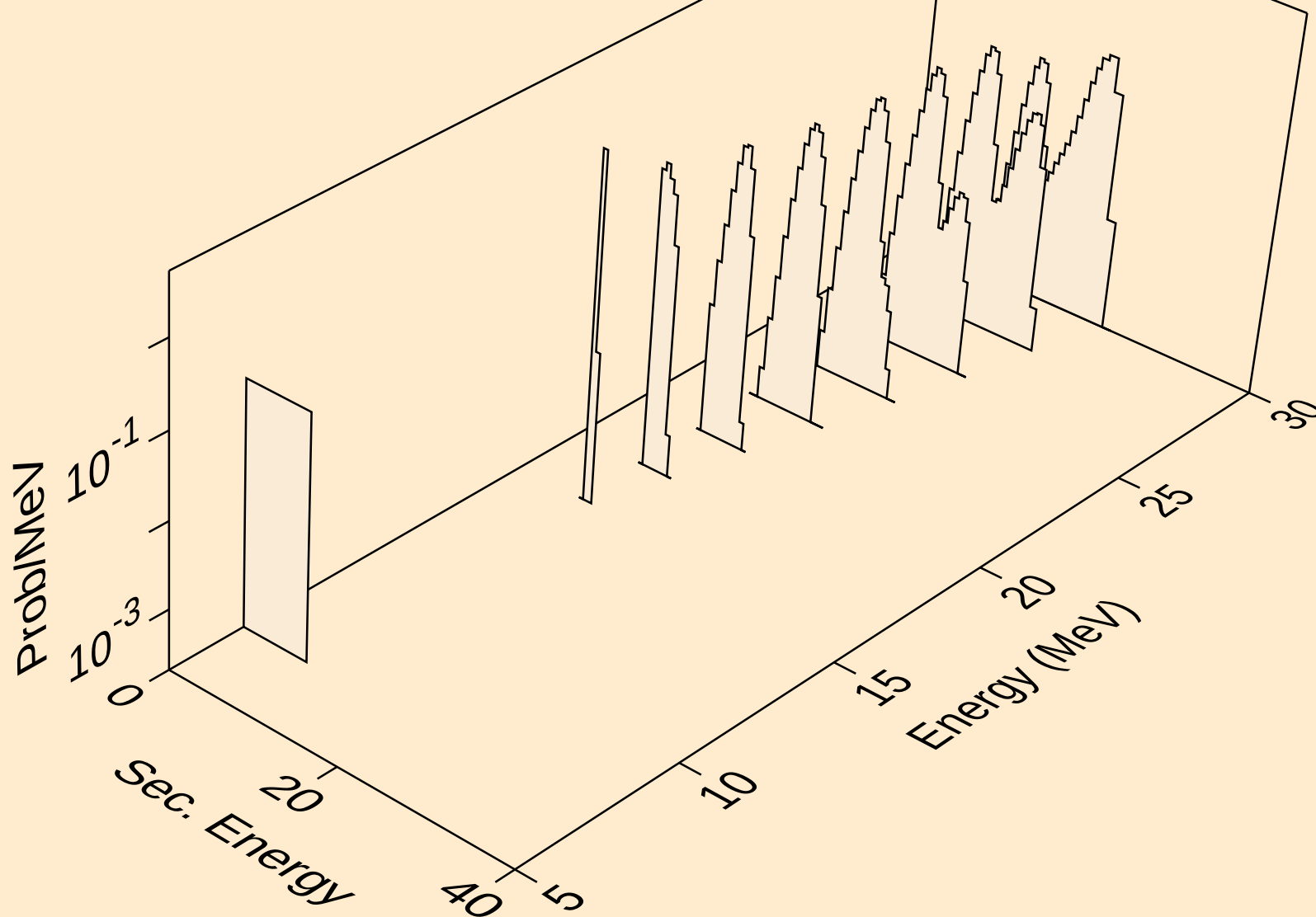
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



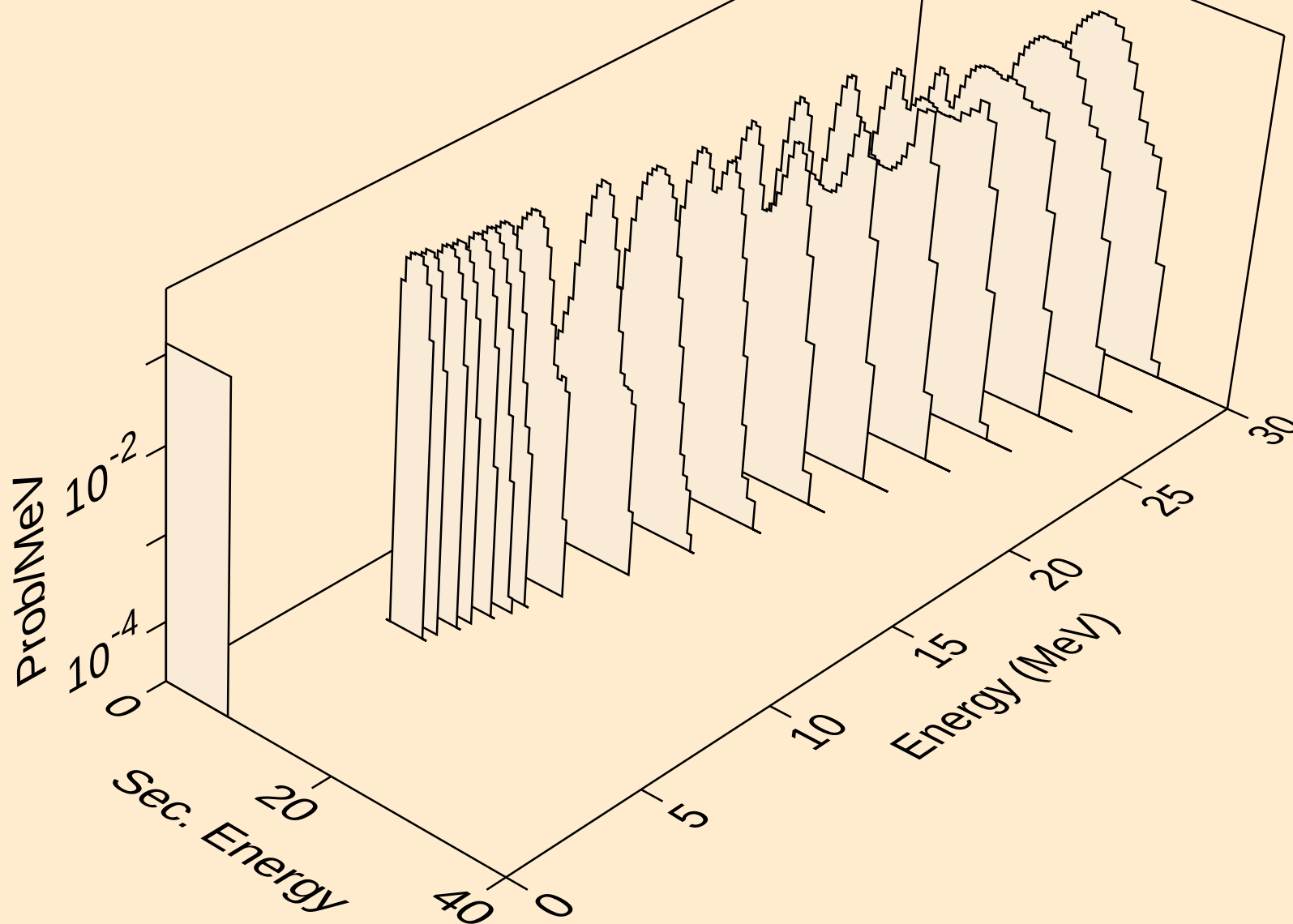
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



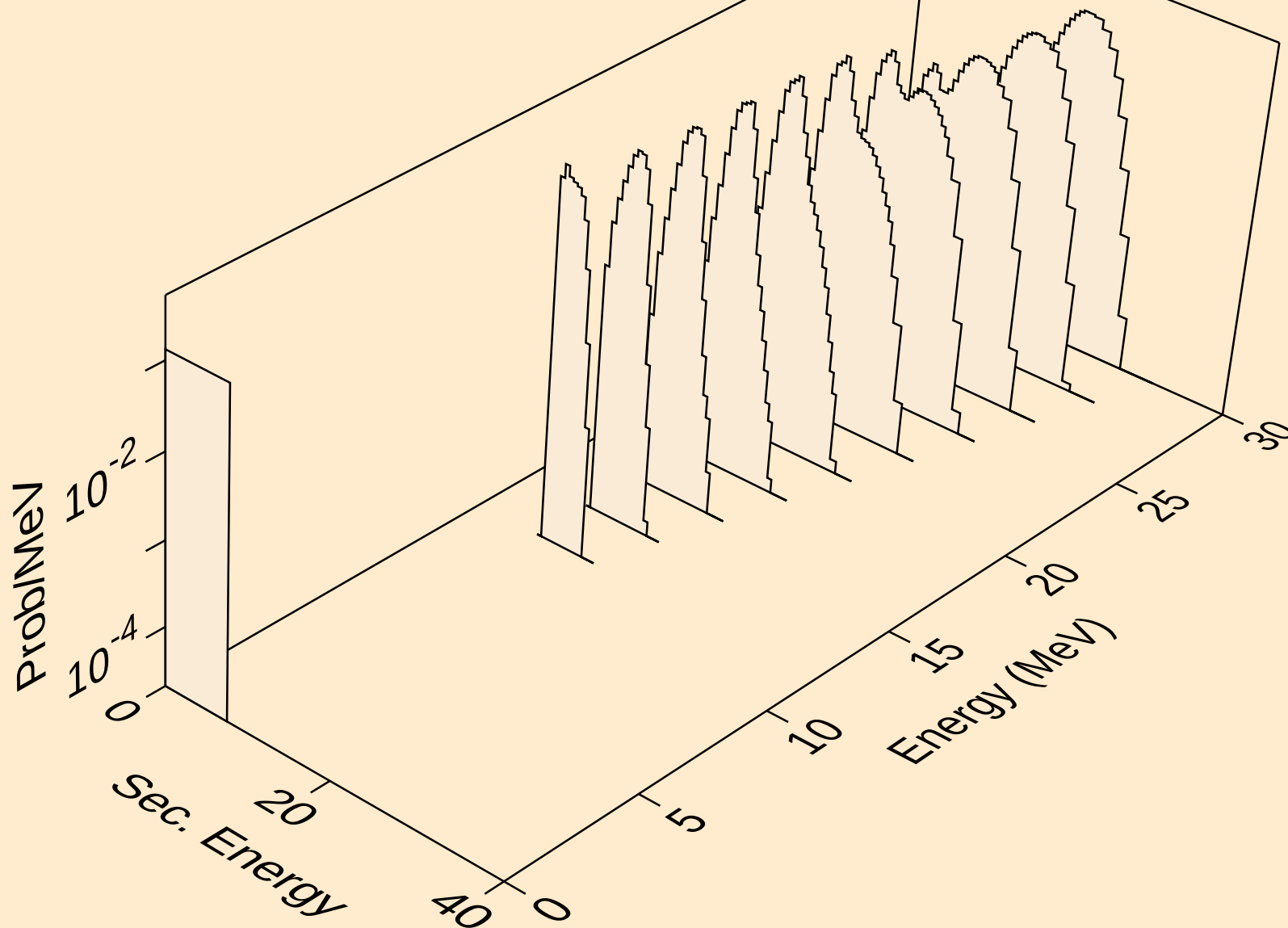
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



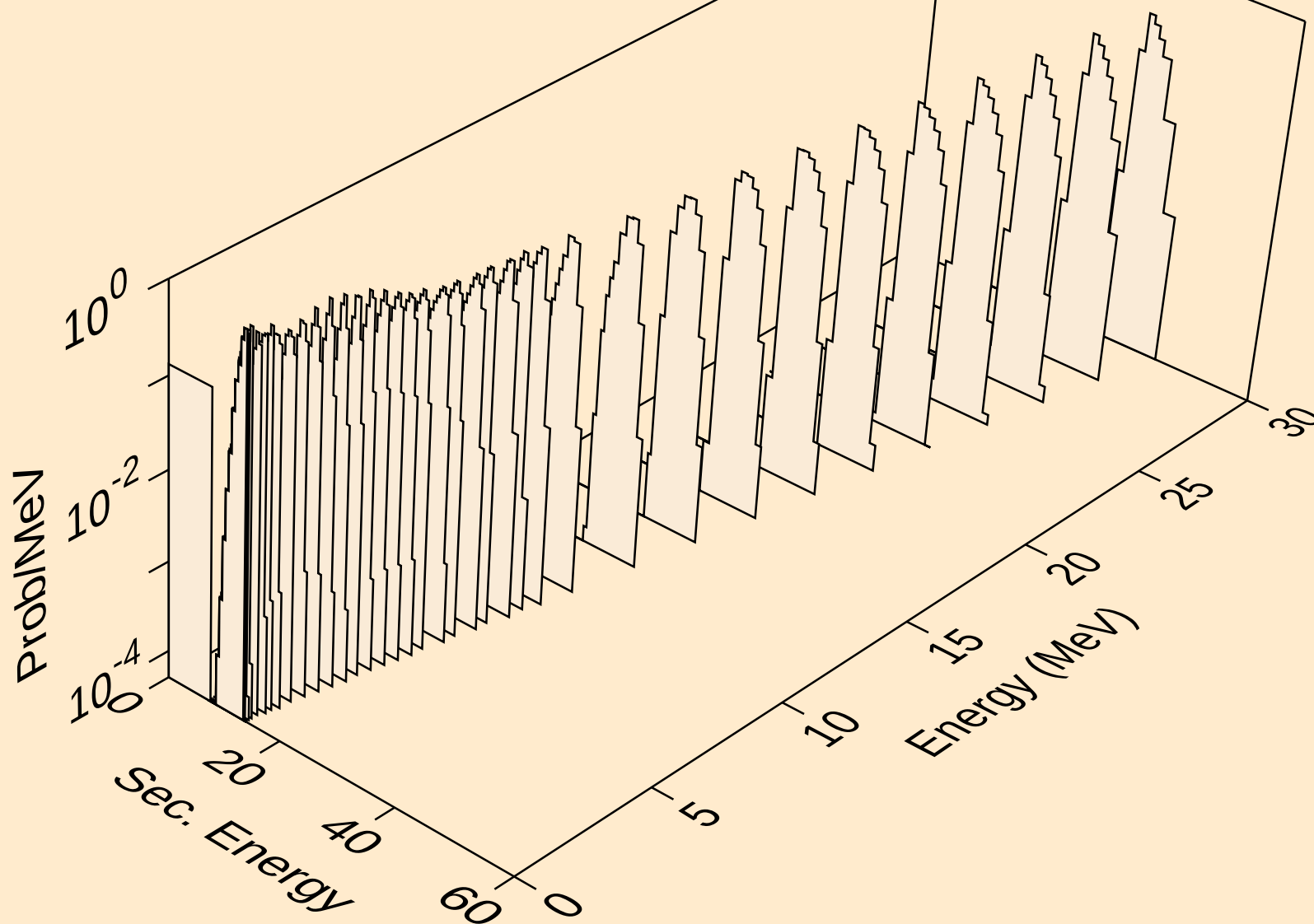
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



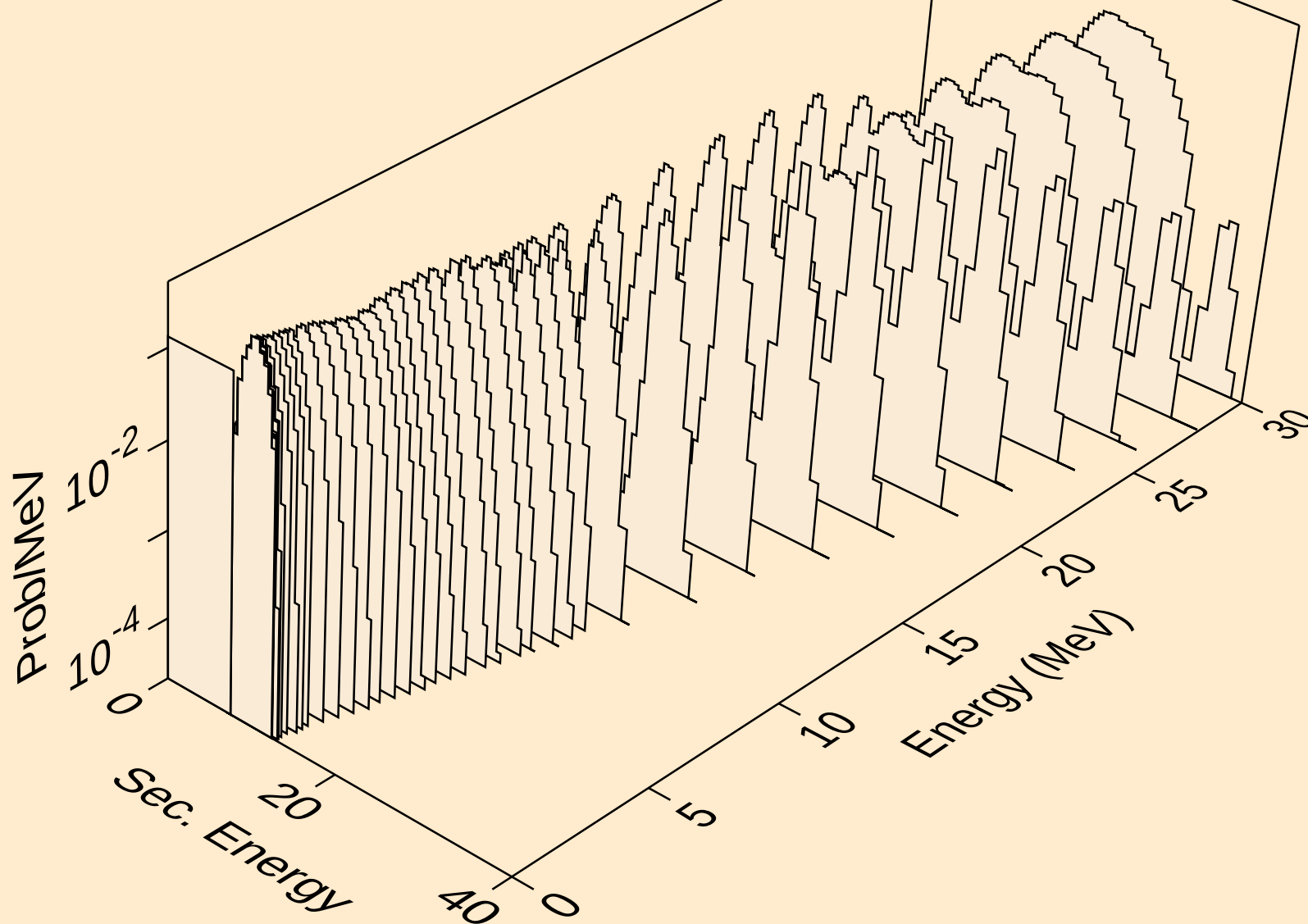
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



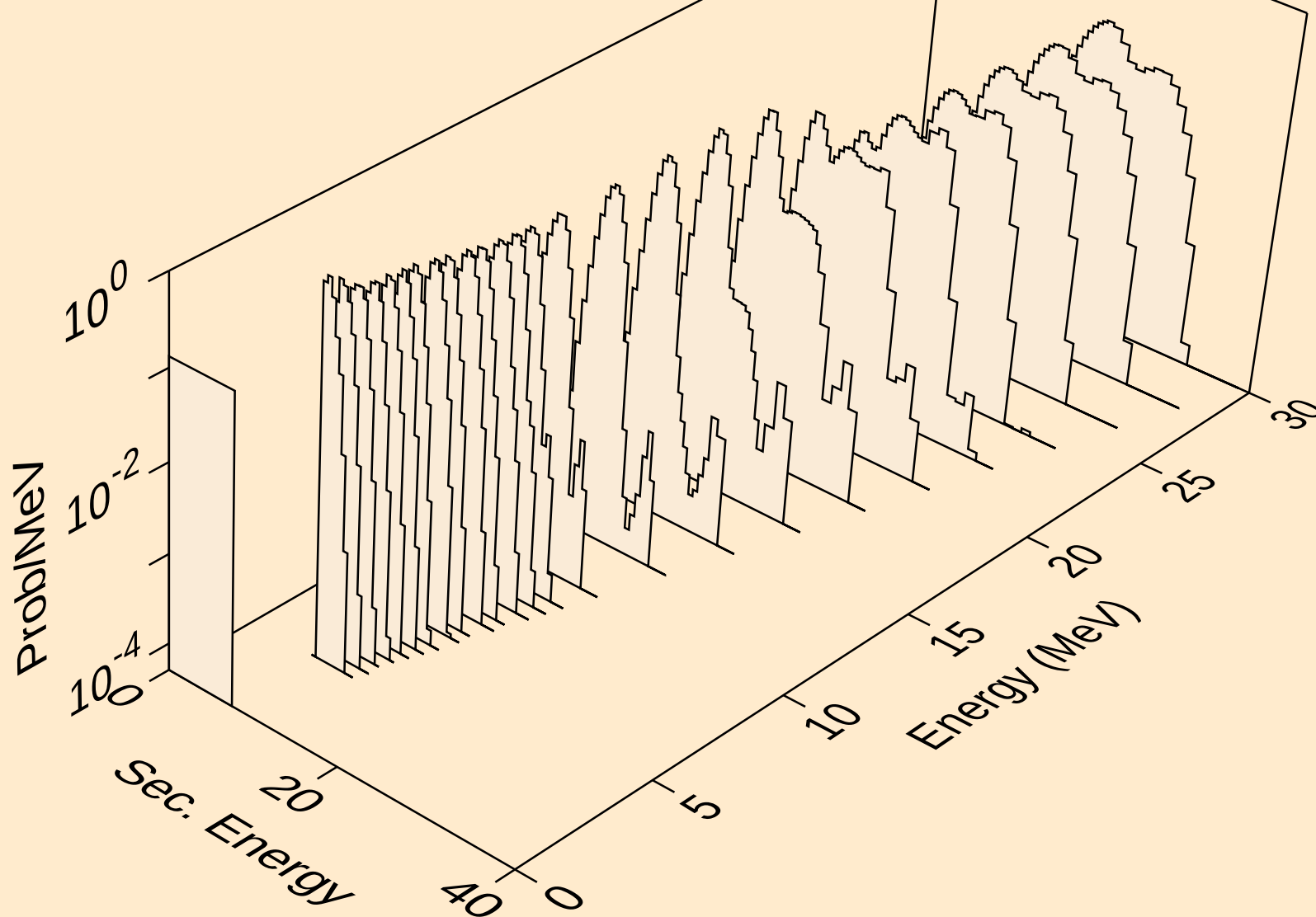
NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



NP230 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

