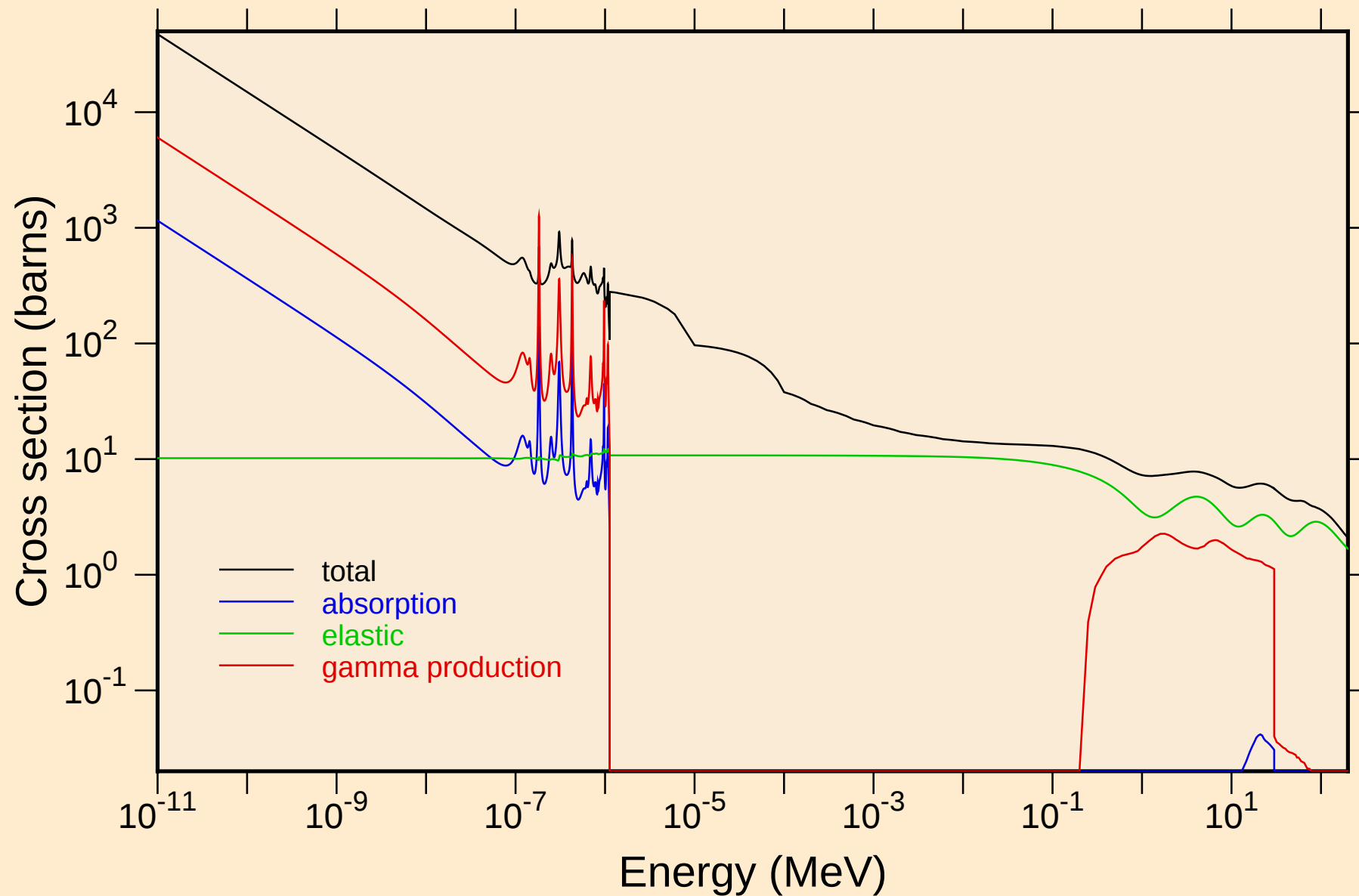


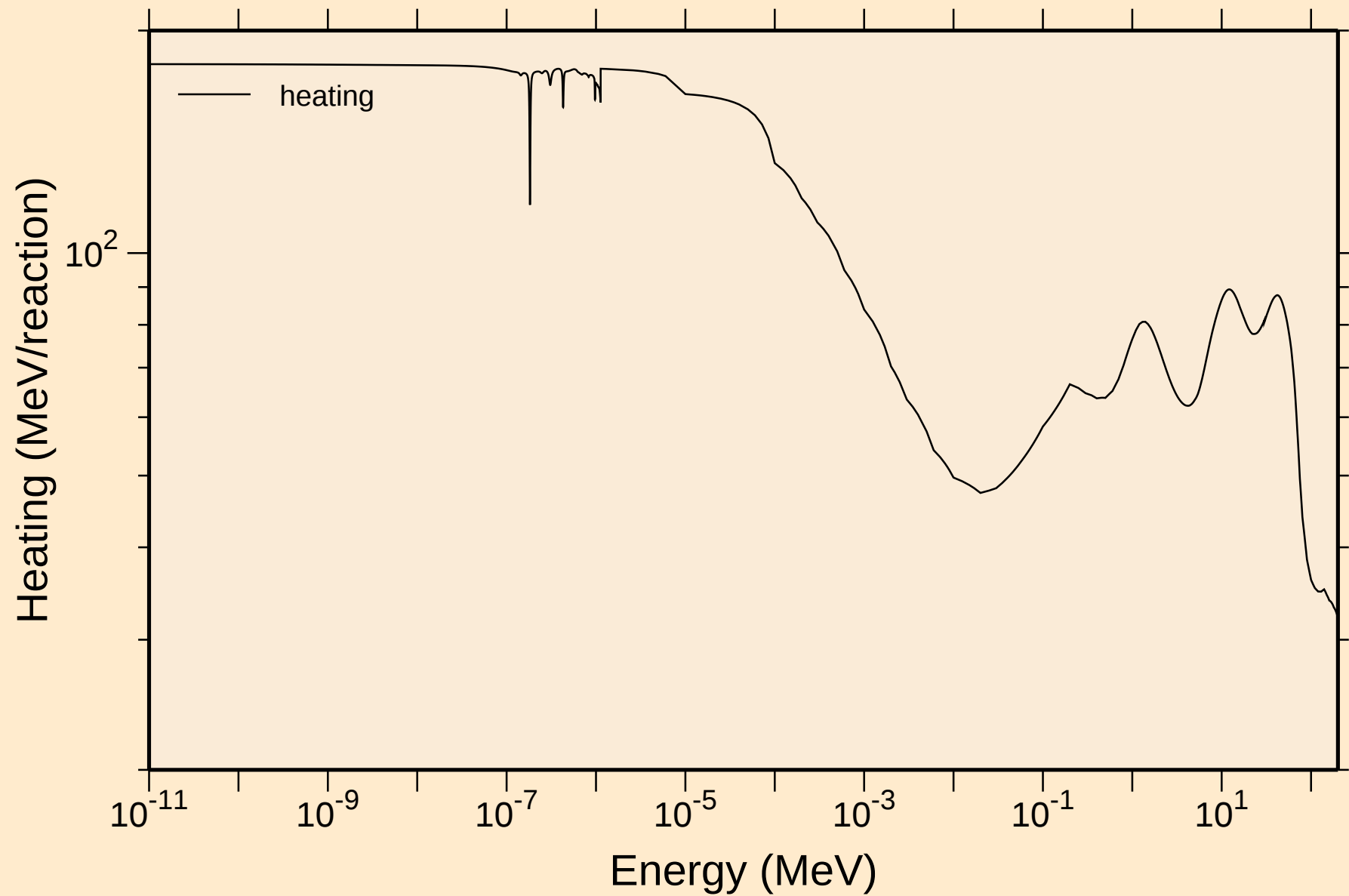
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



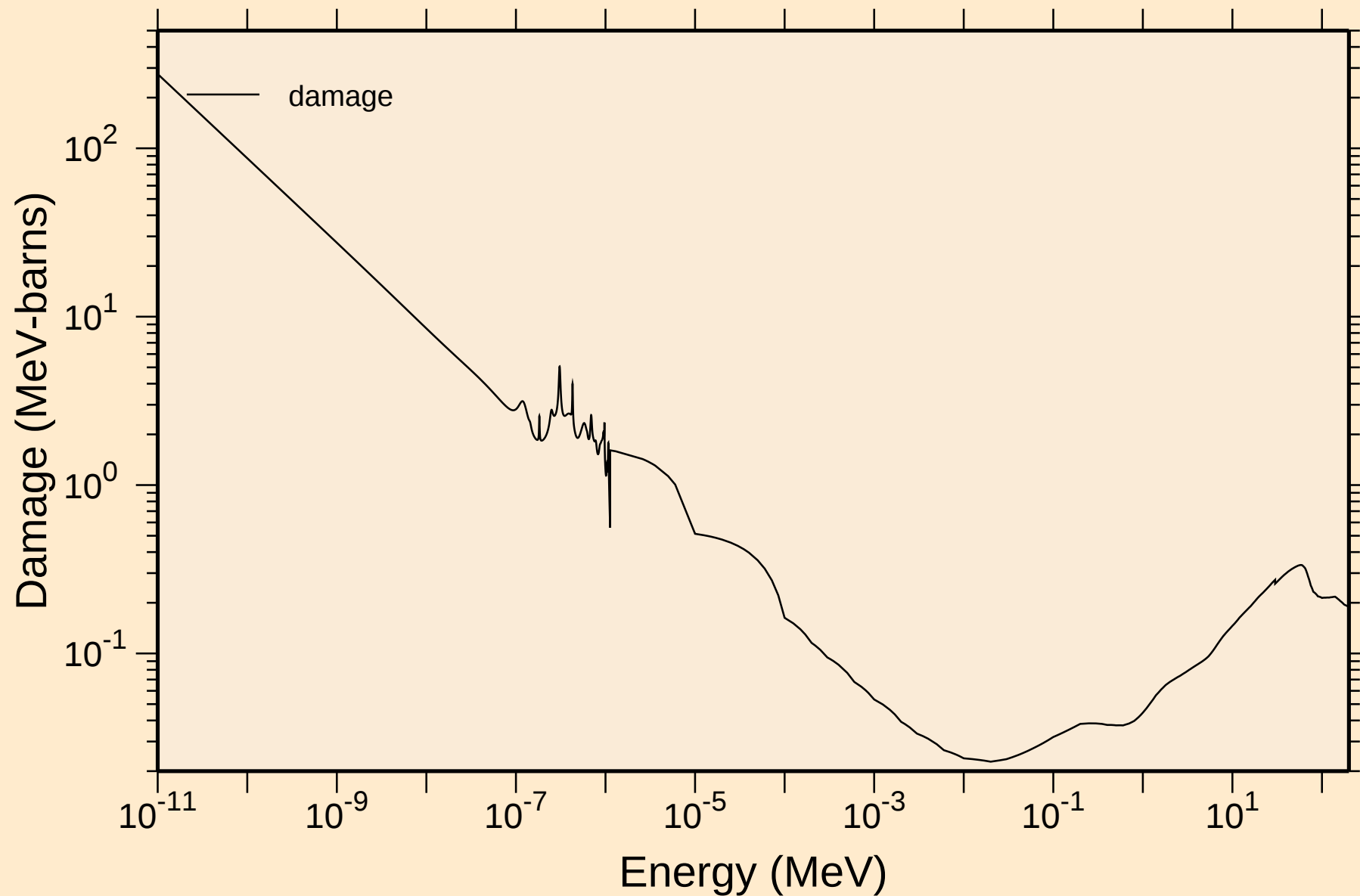
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



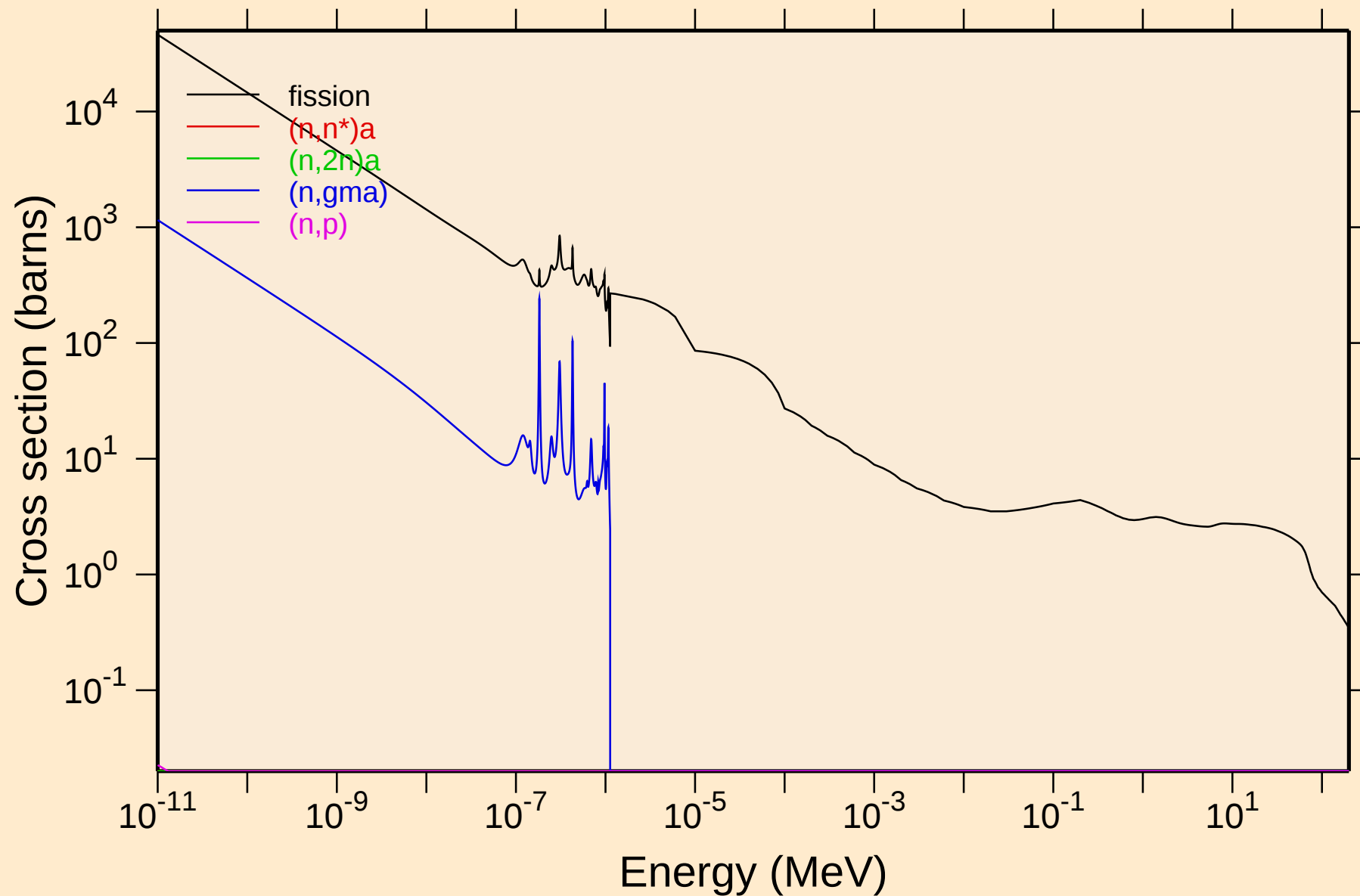
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



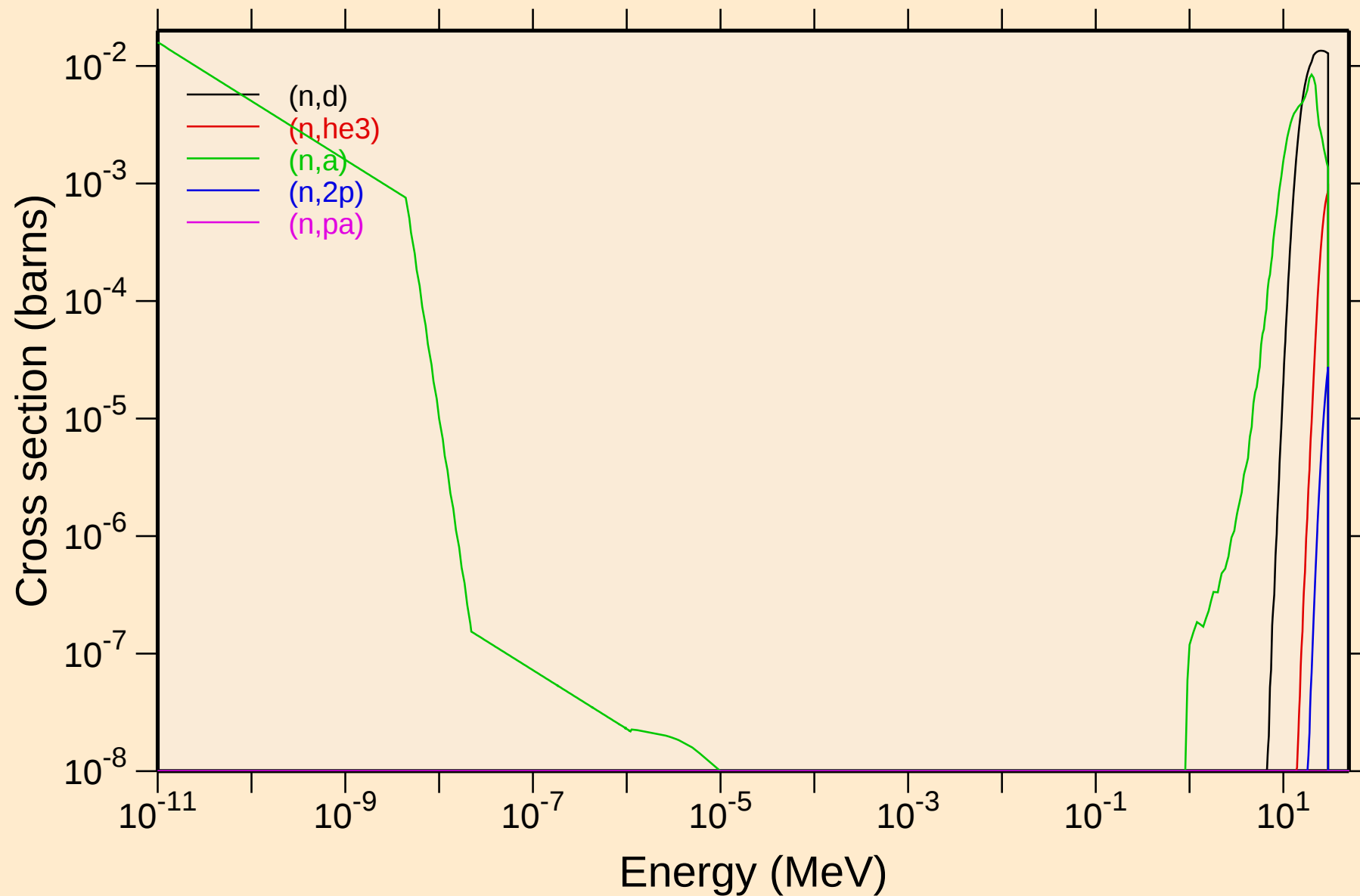
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

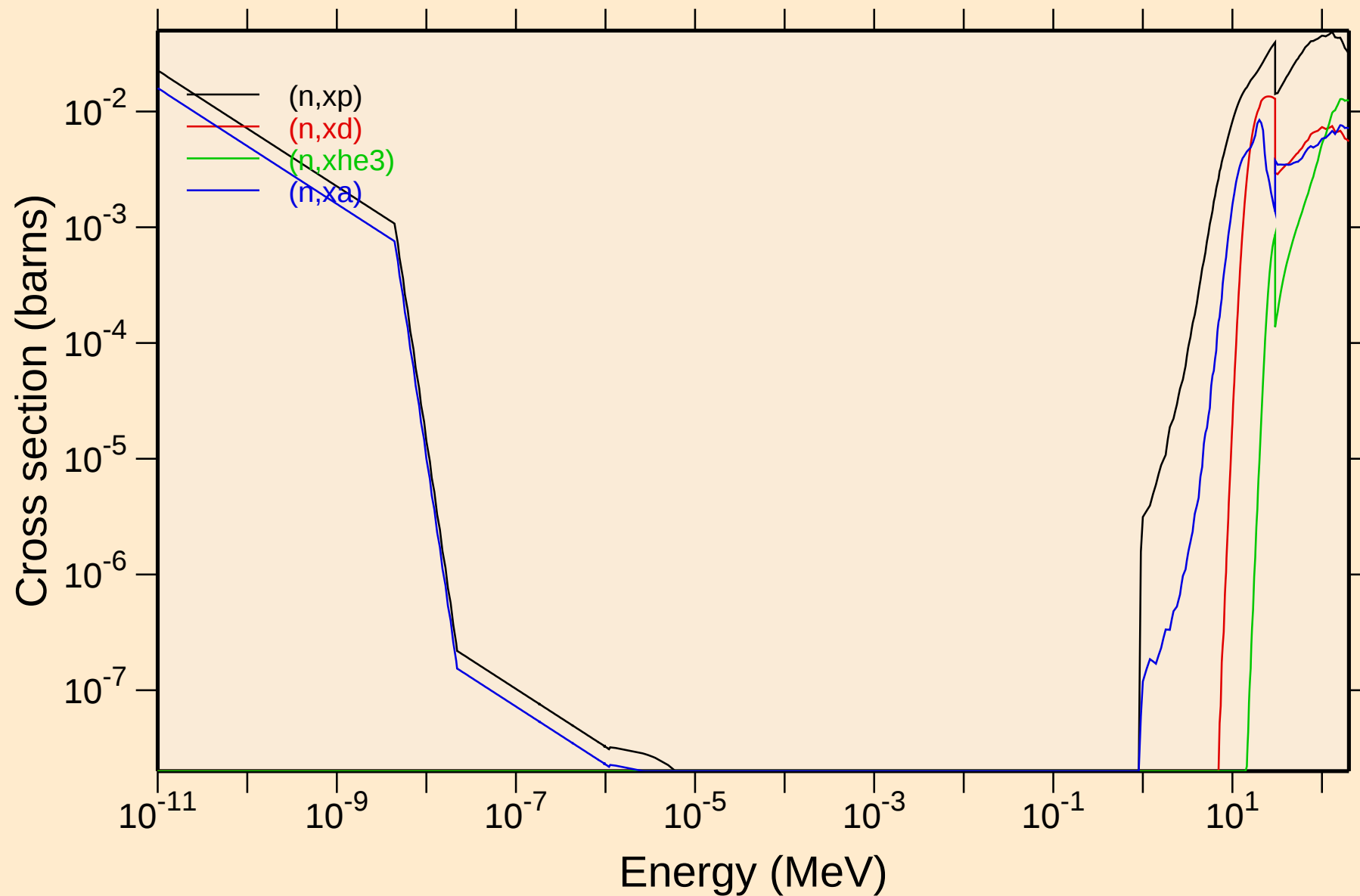


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

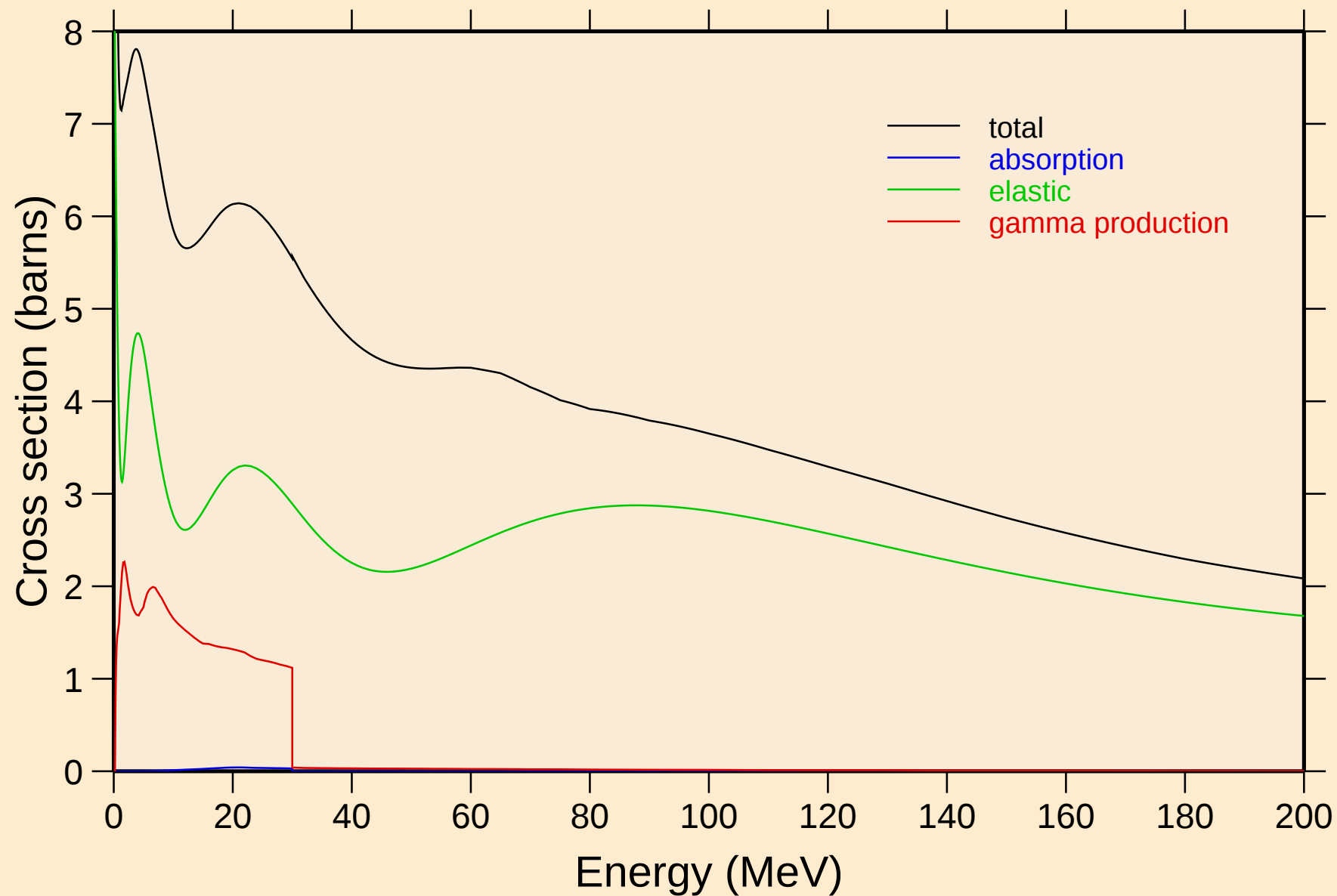


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



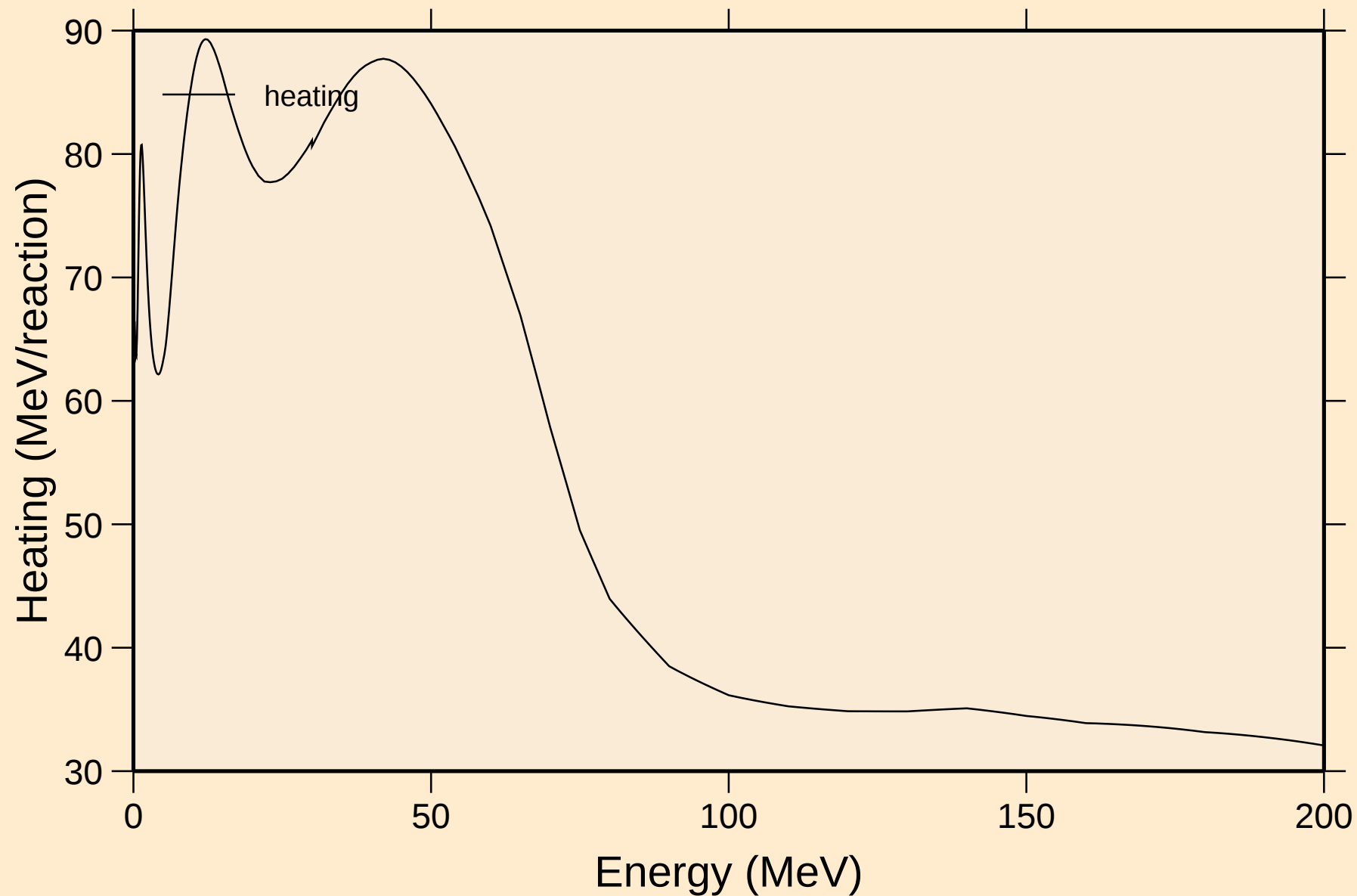
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



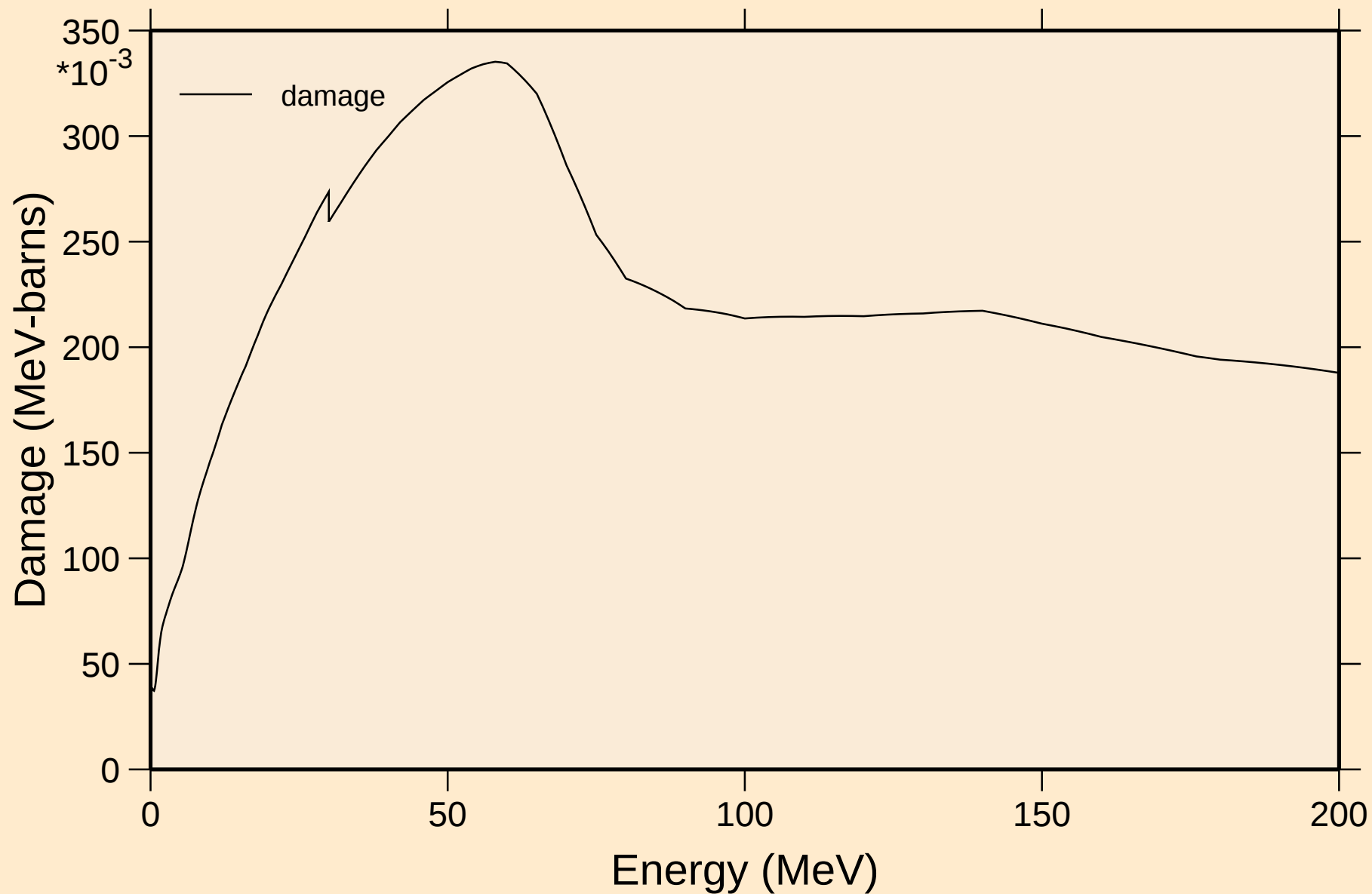
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating



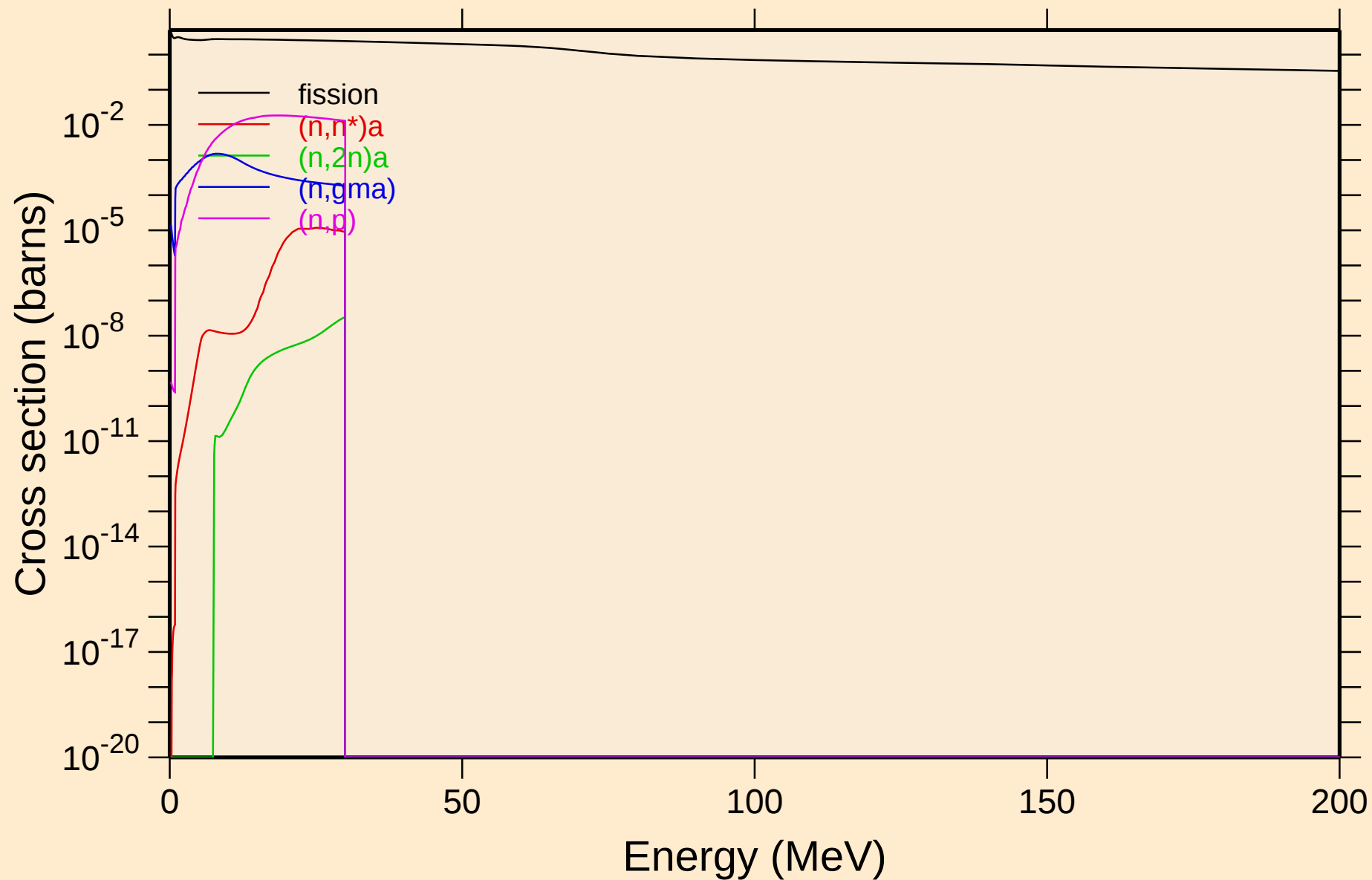
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Damage



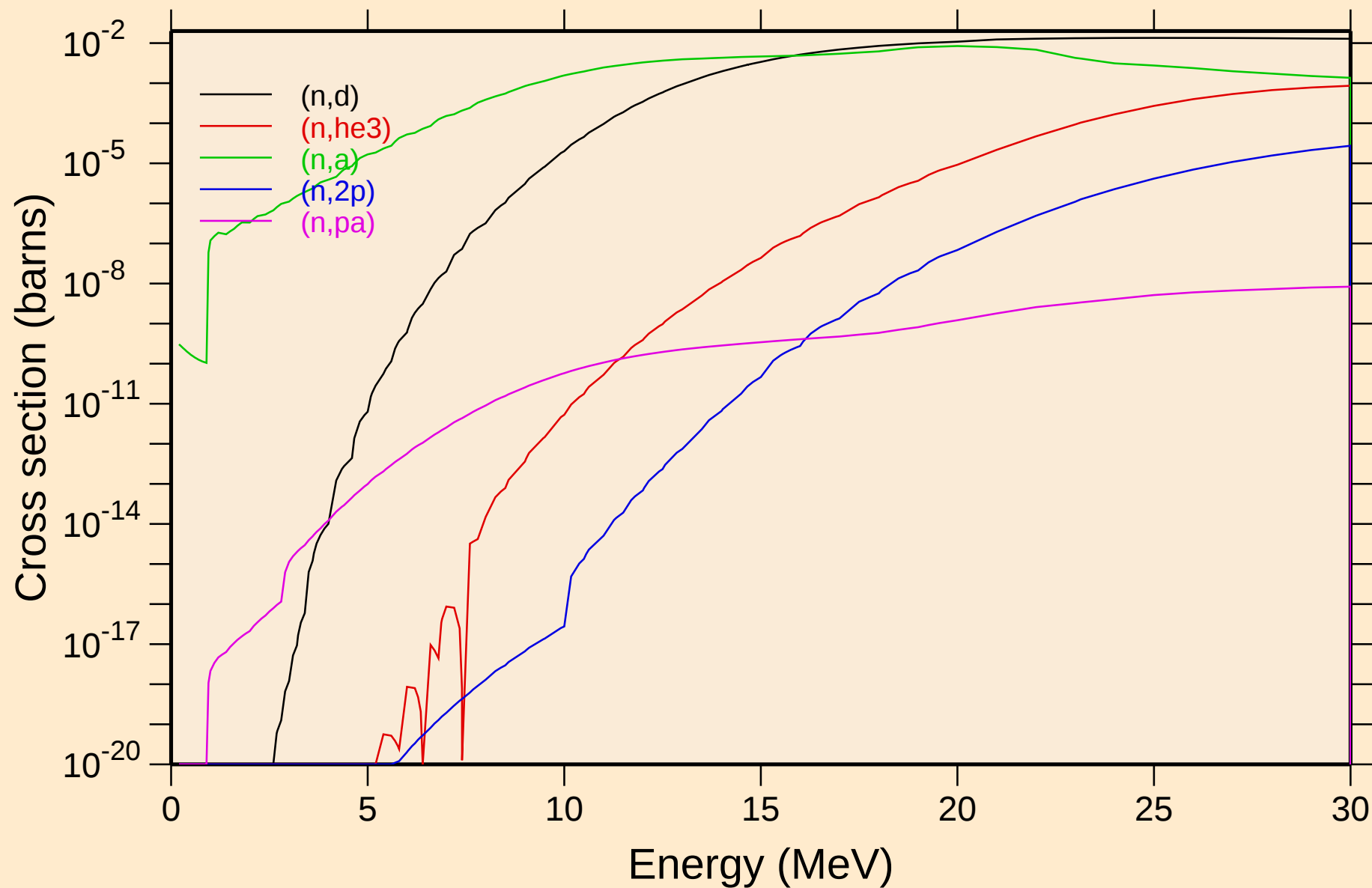
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

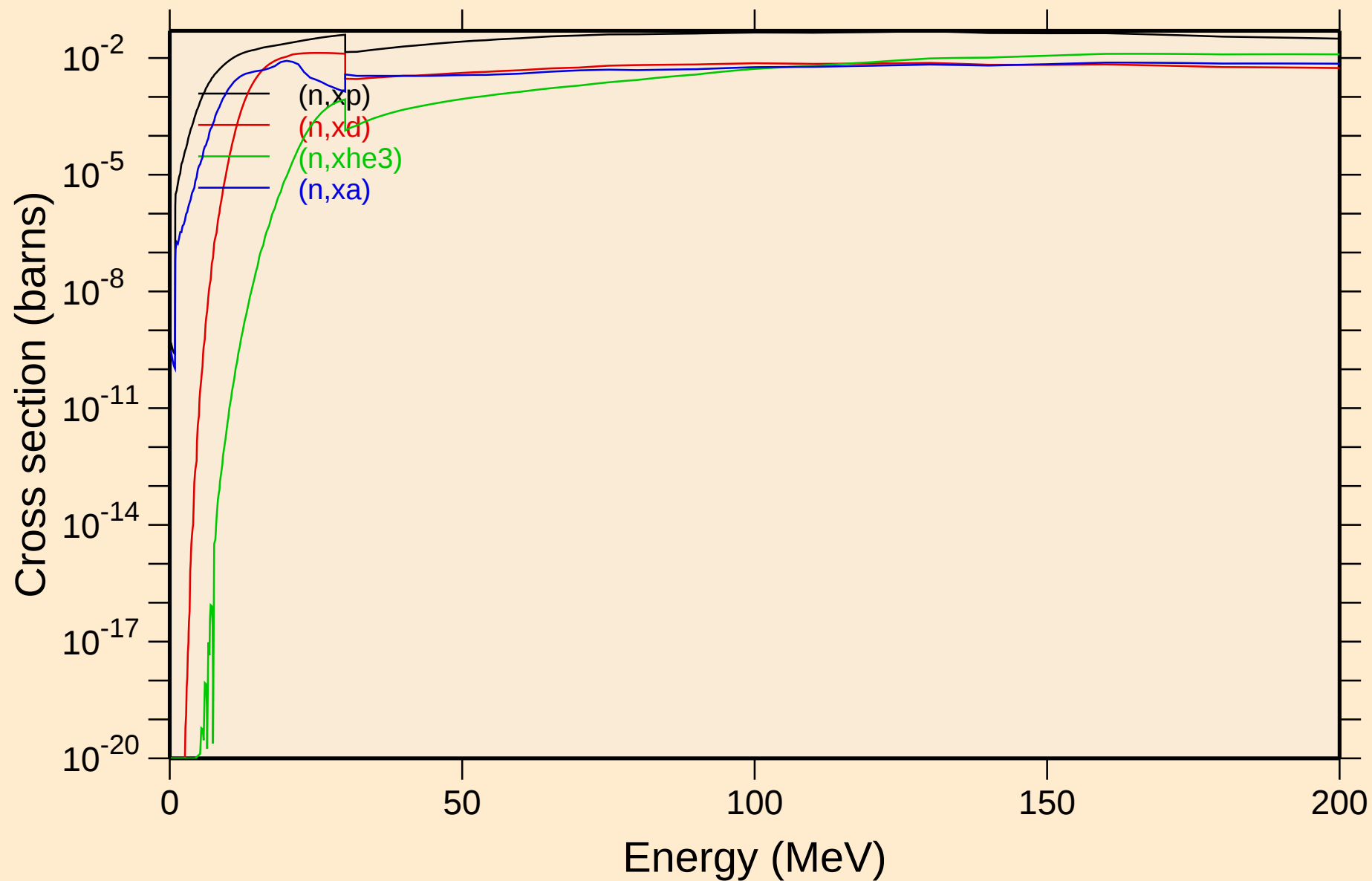


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Non-threshold reactions

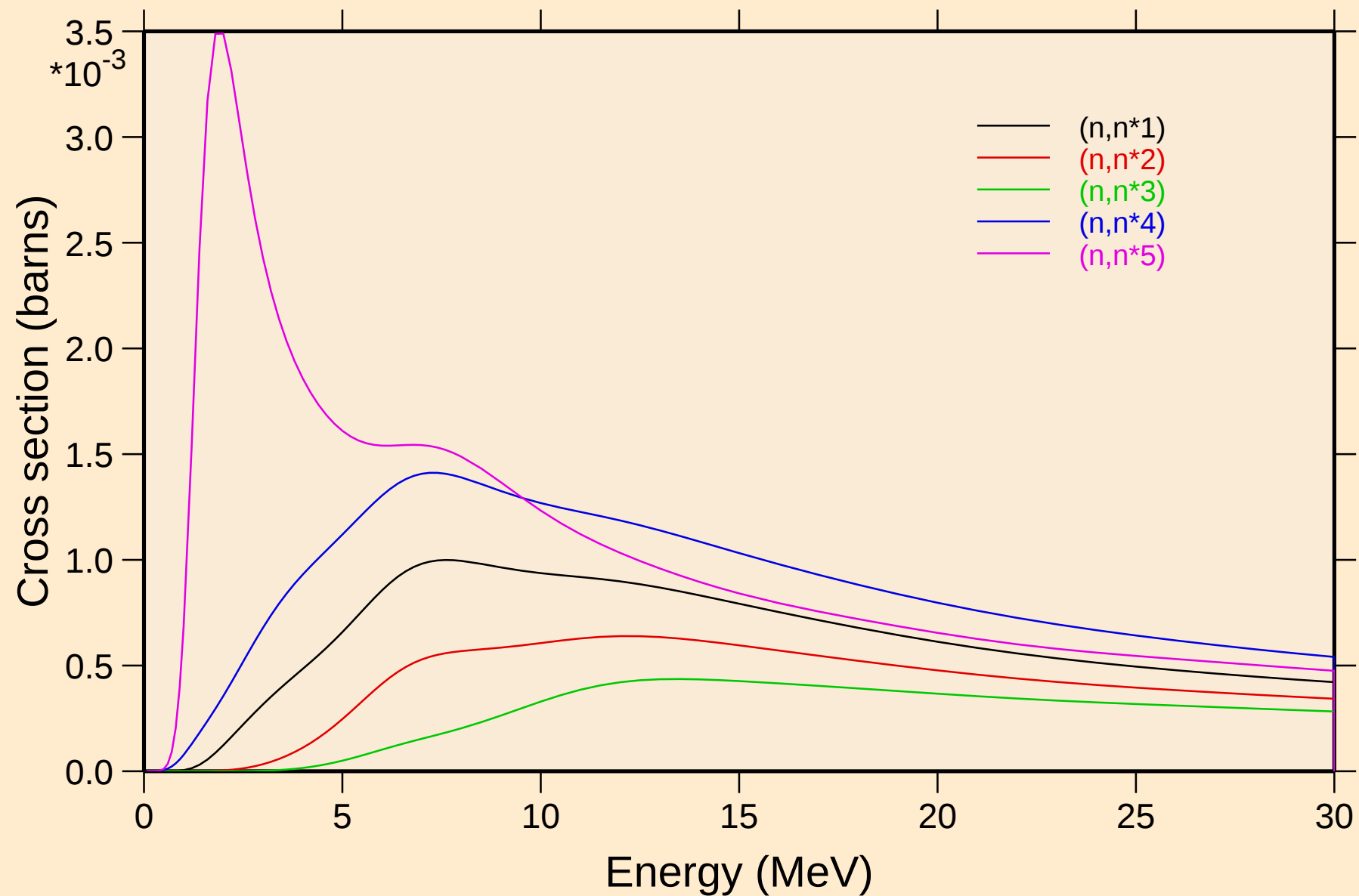


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



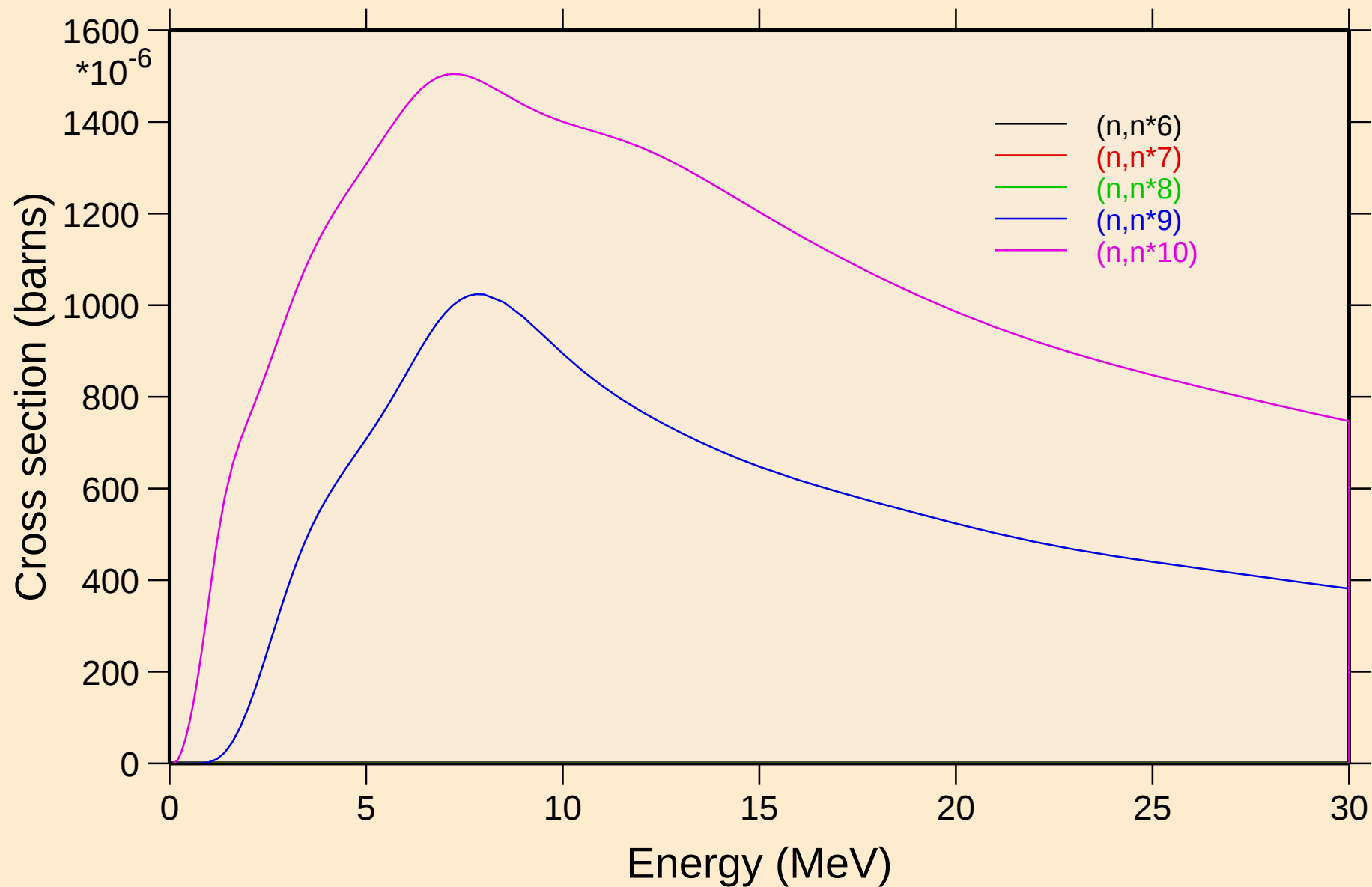
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



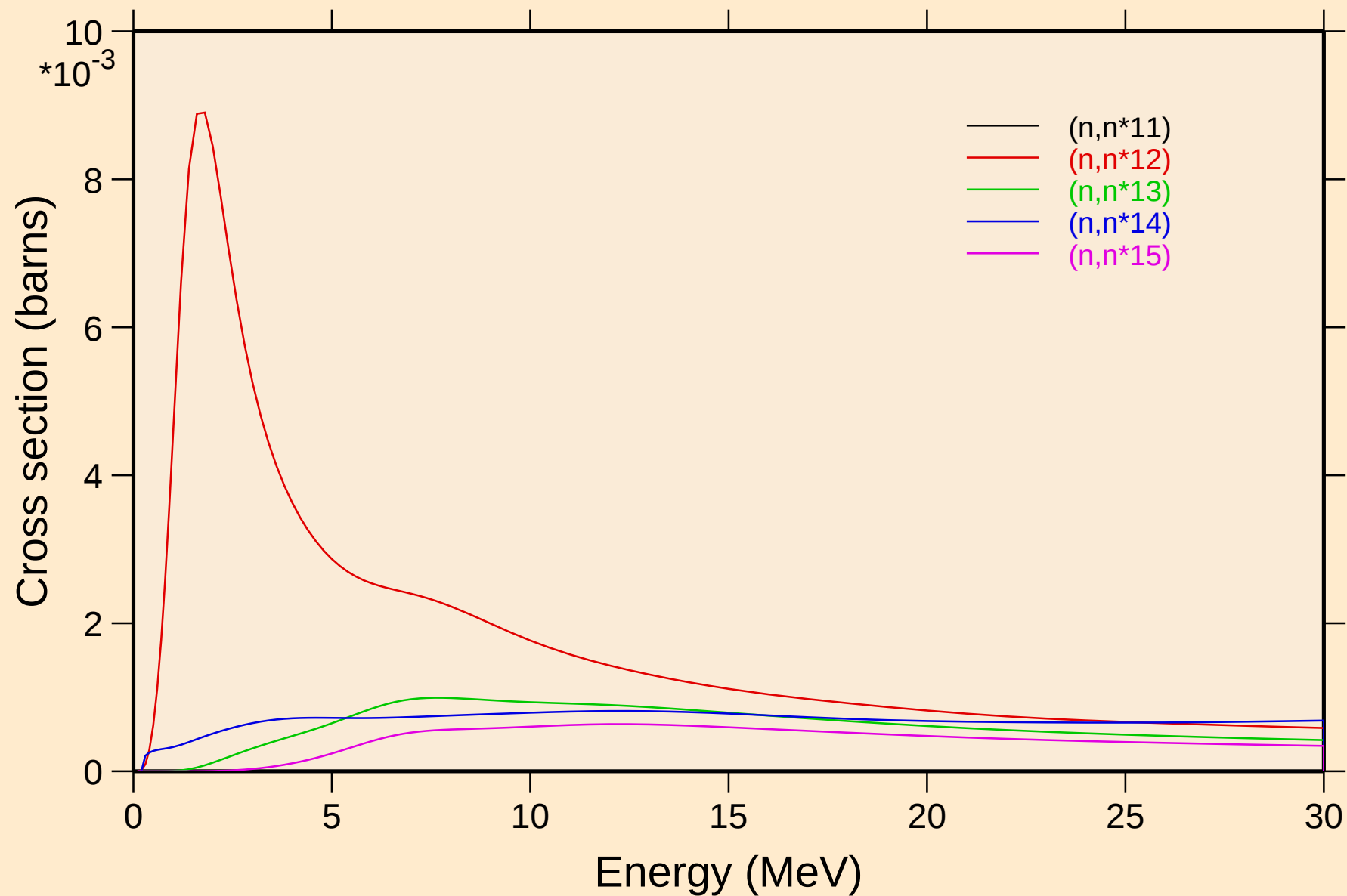
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



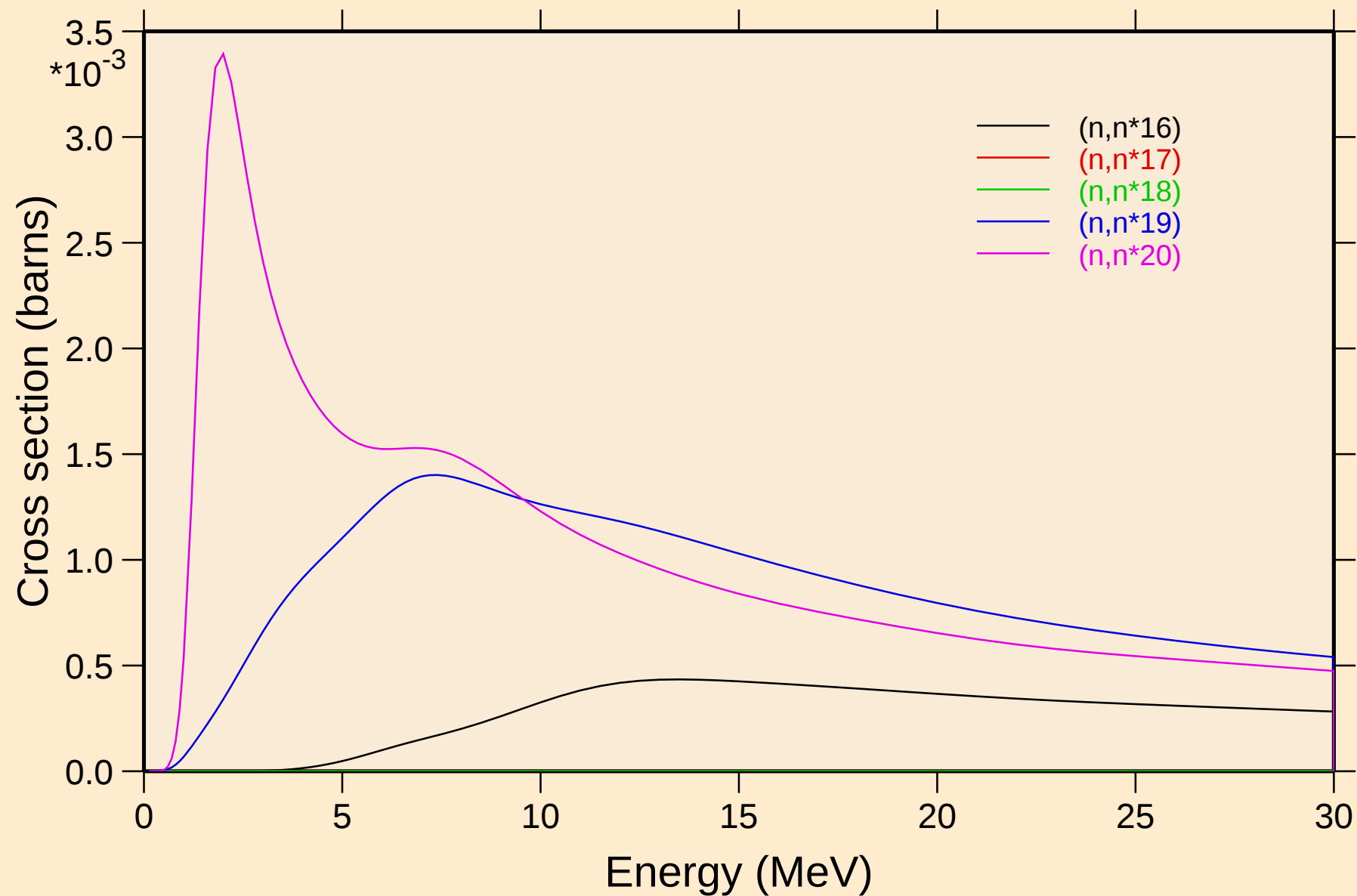
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



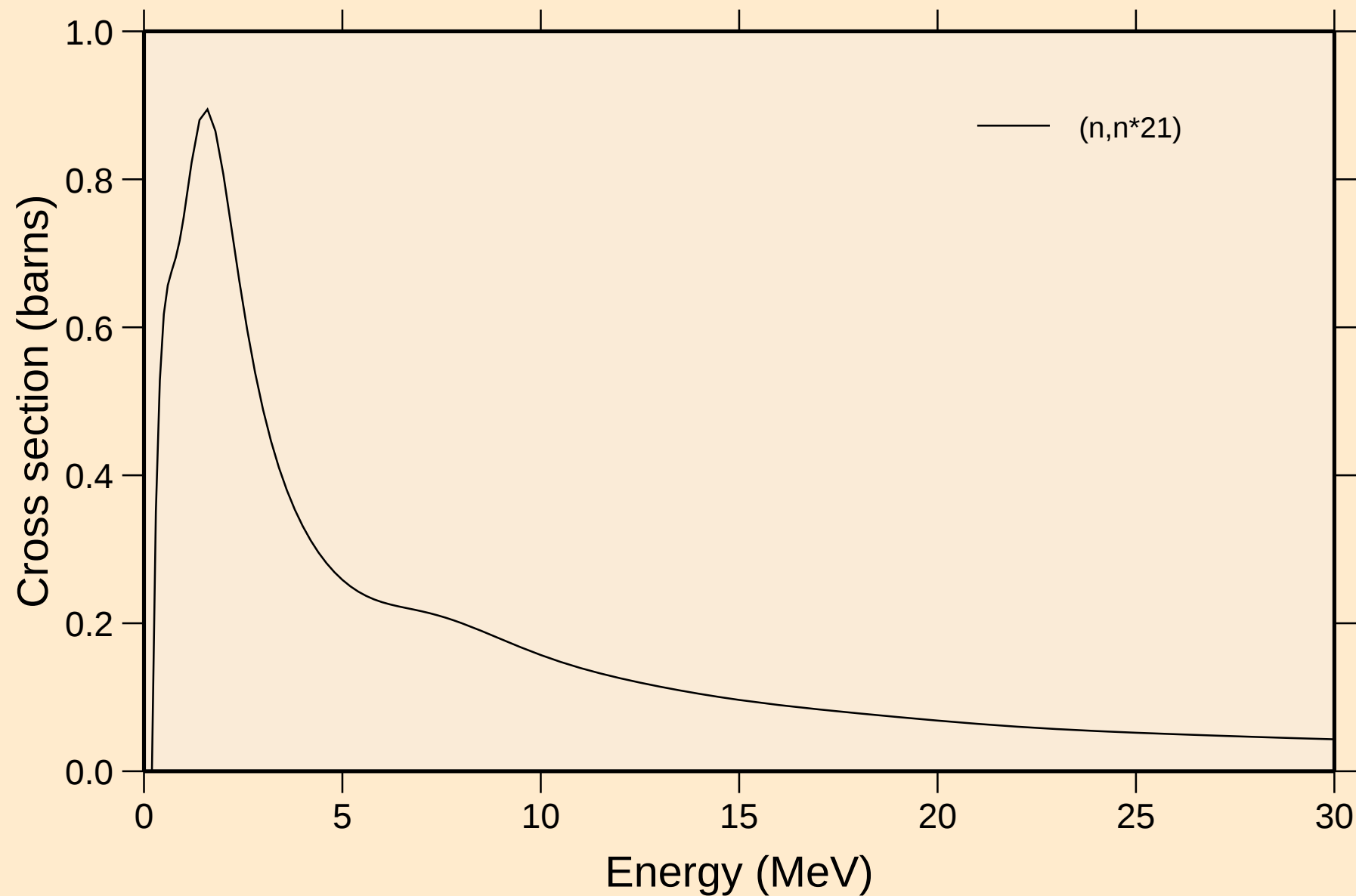
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



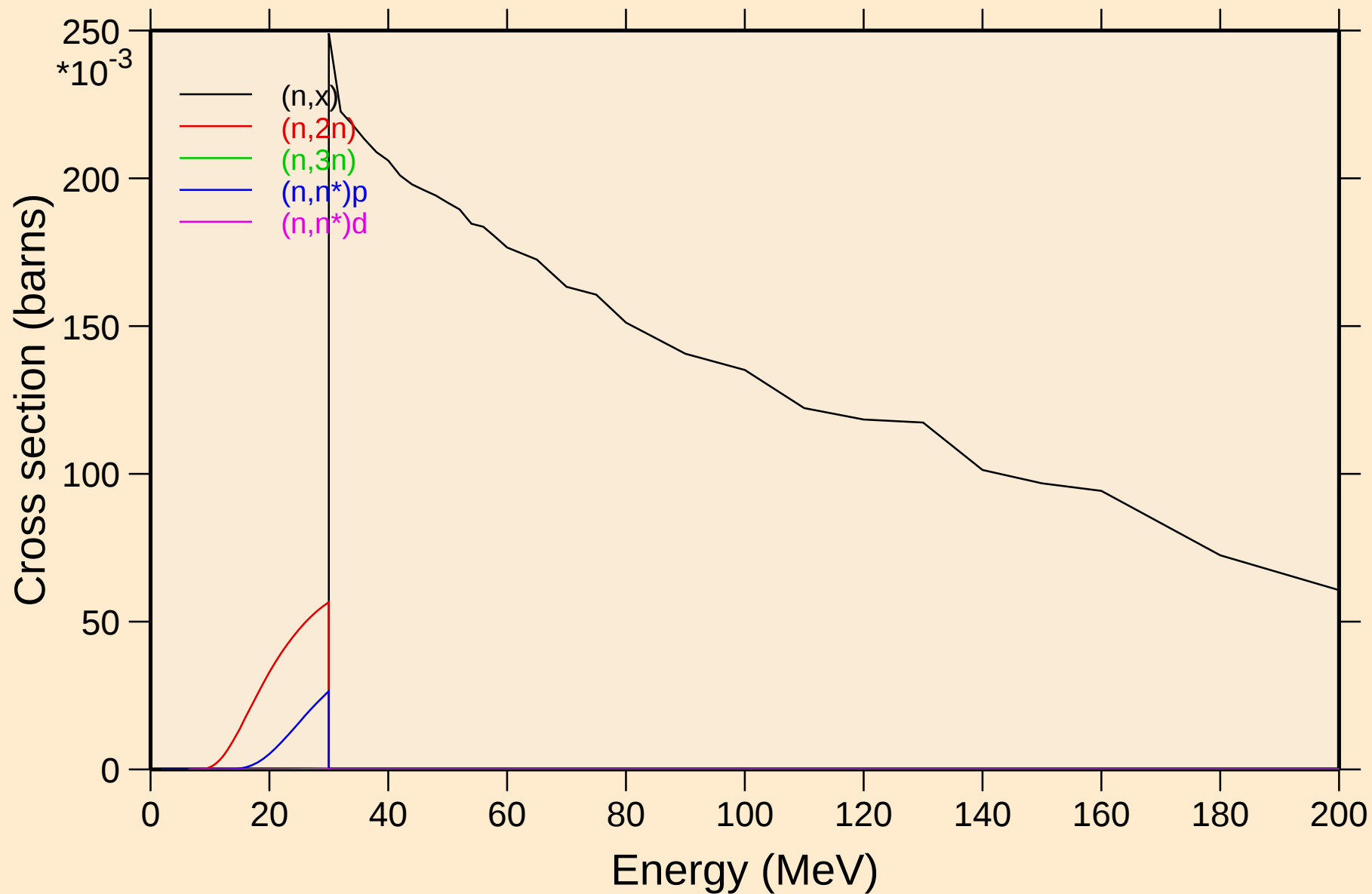
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



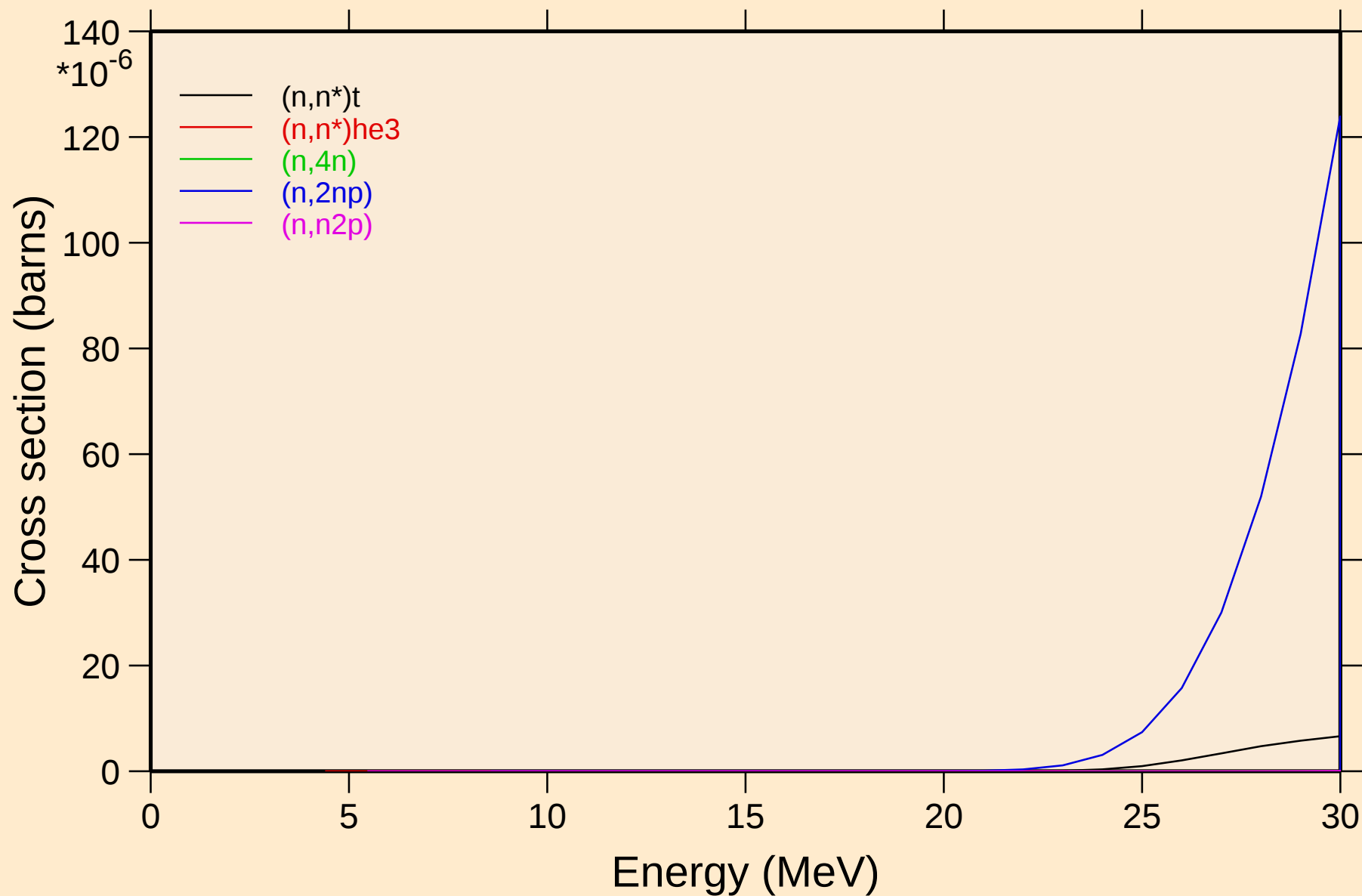
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



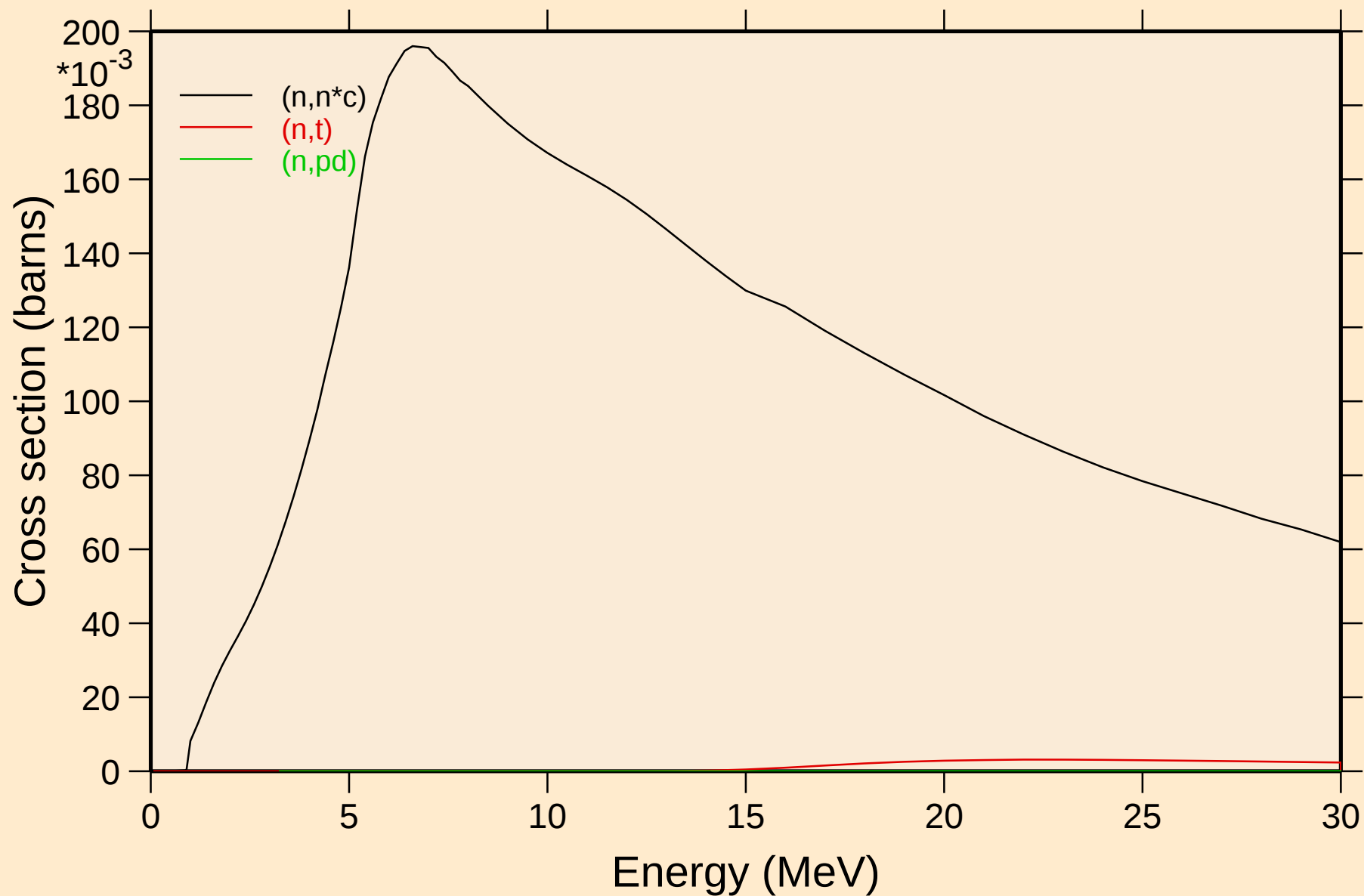
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



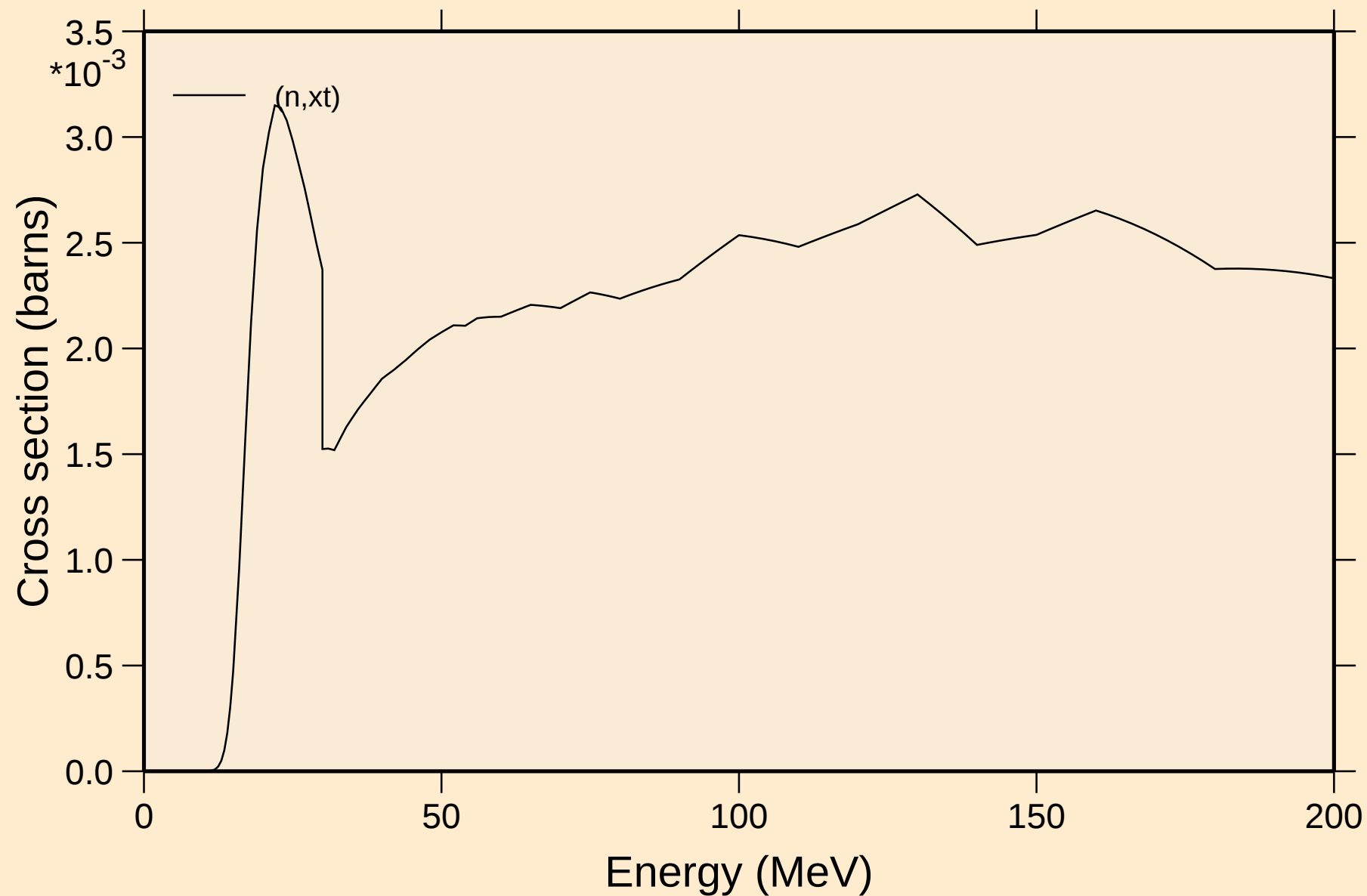
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

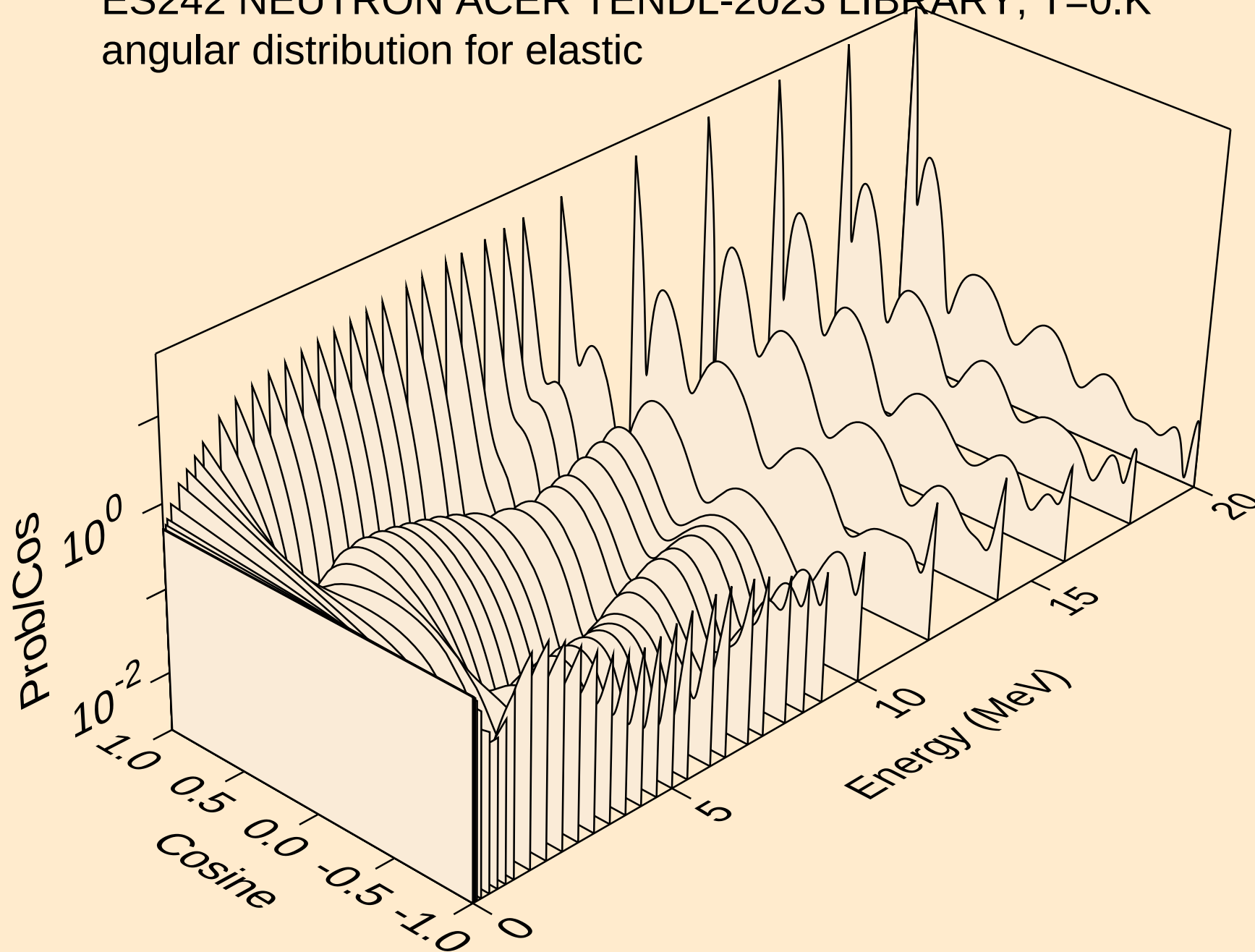


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

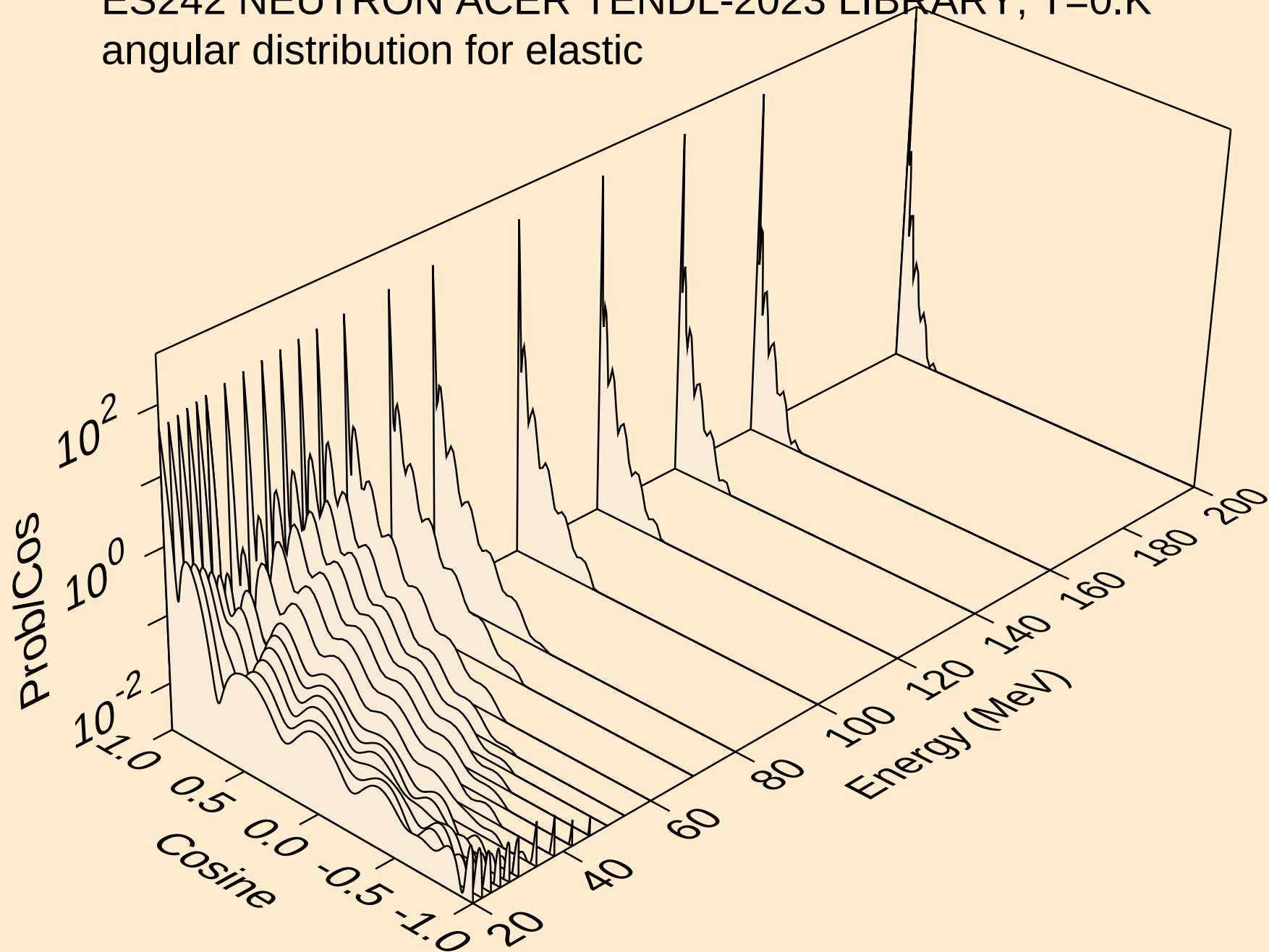
Threshold reactions



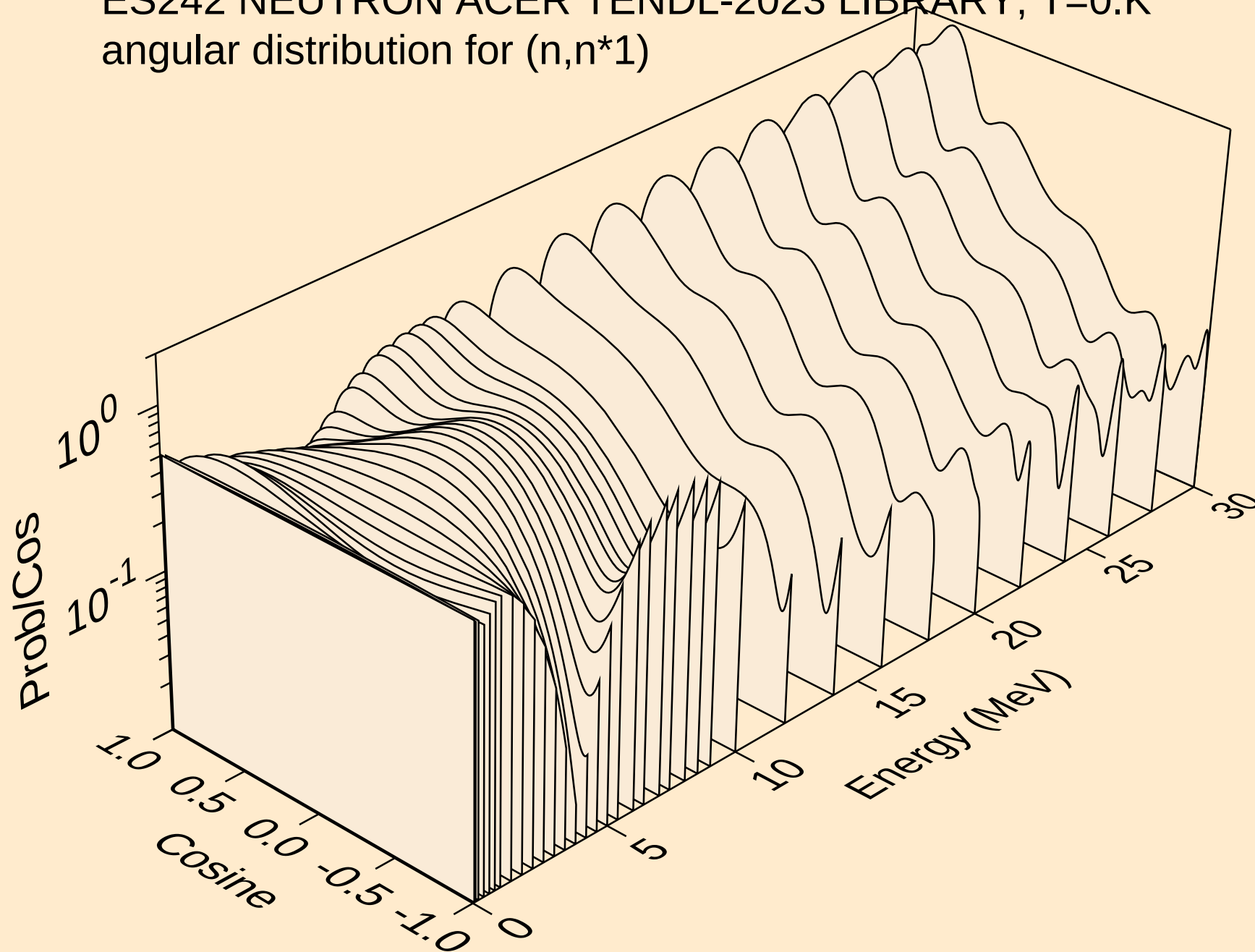
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



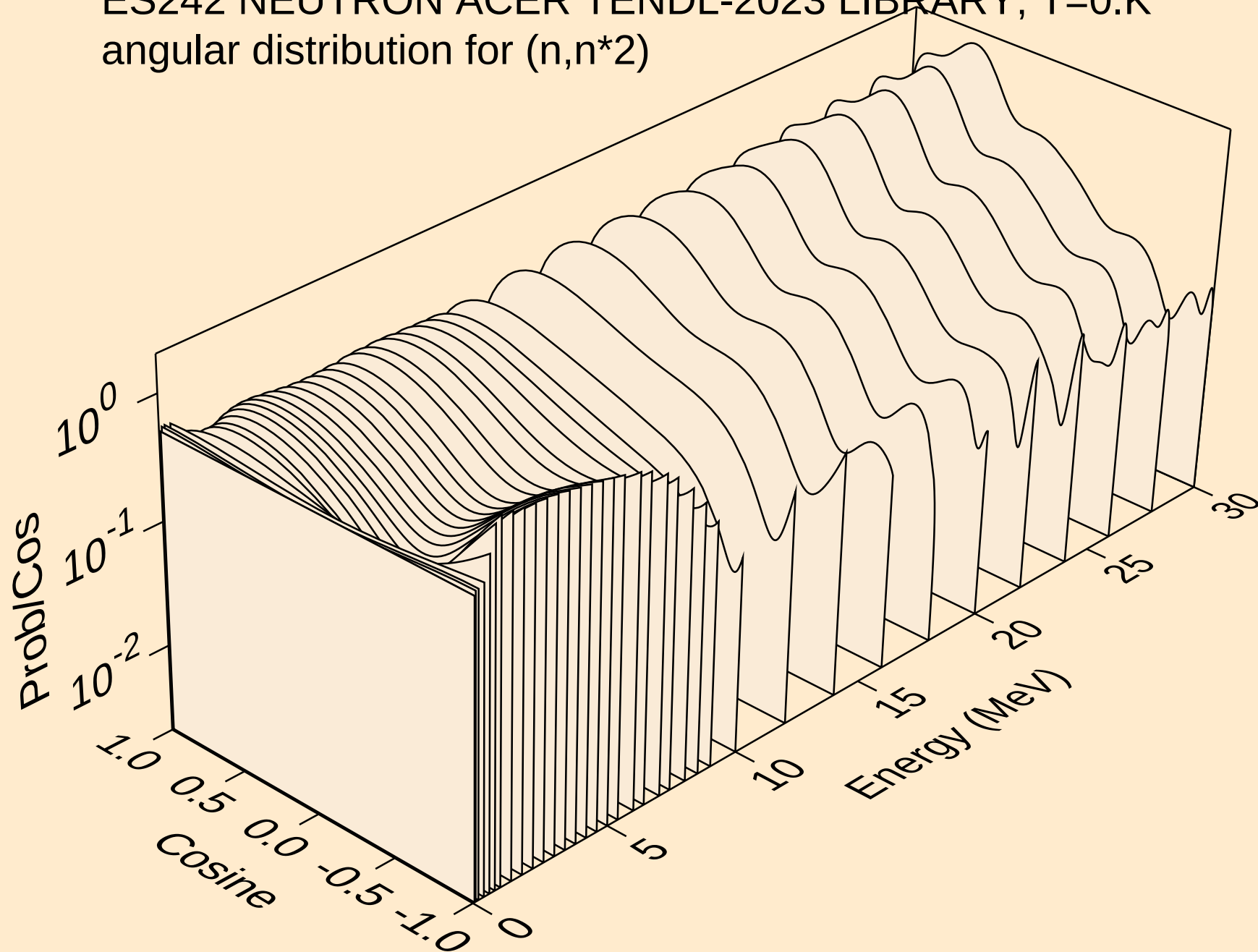
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



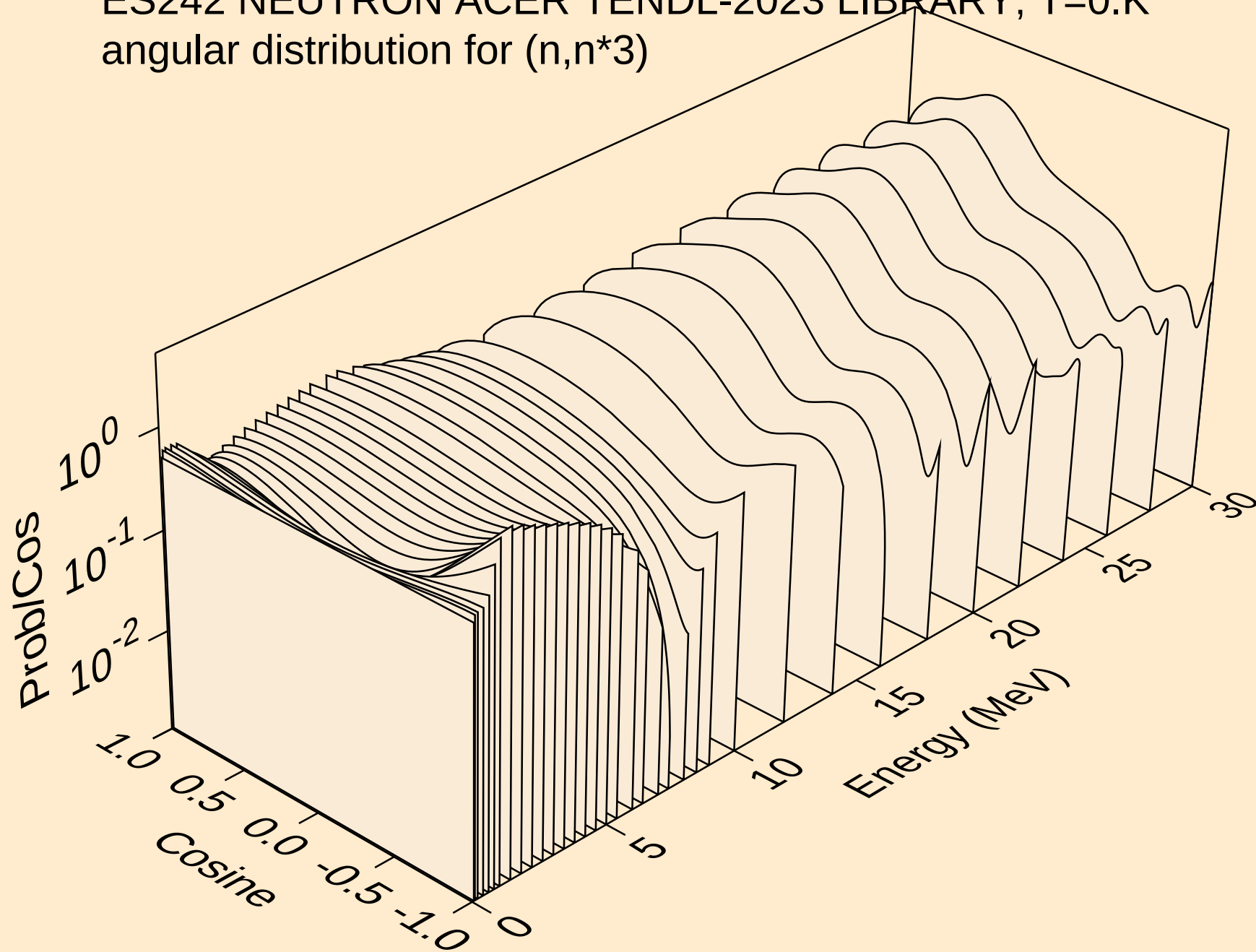
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



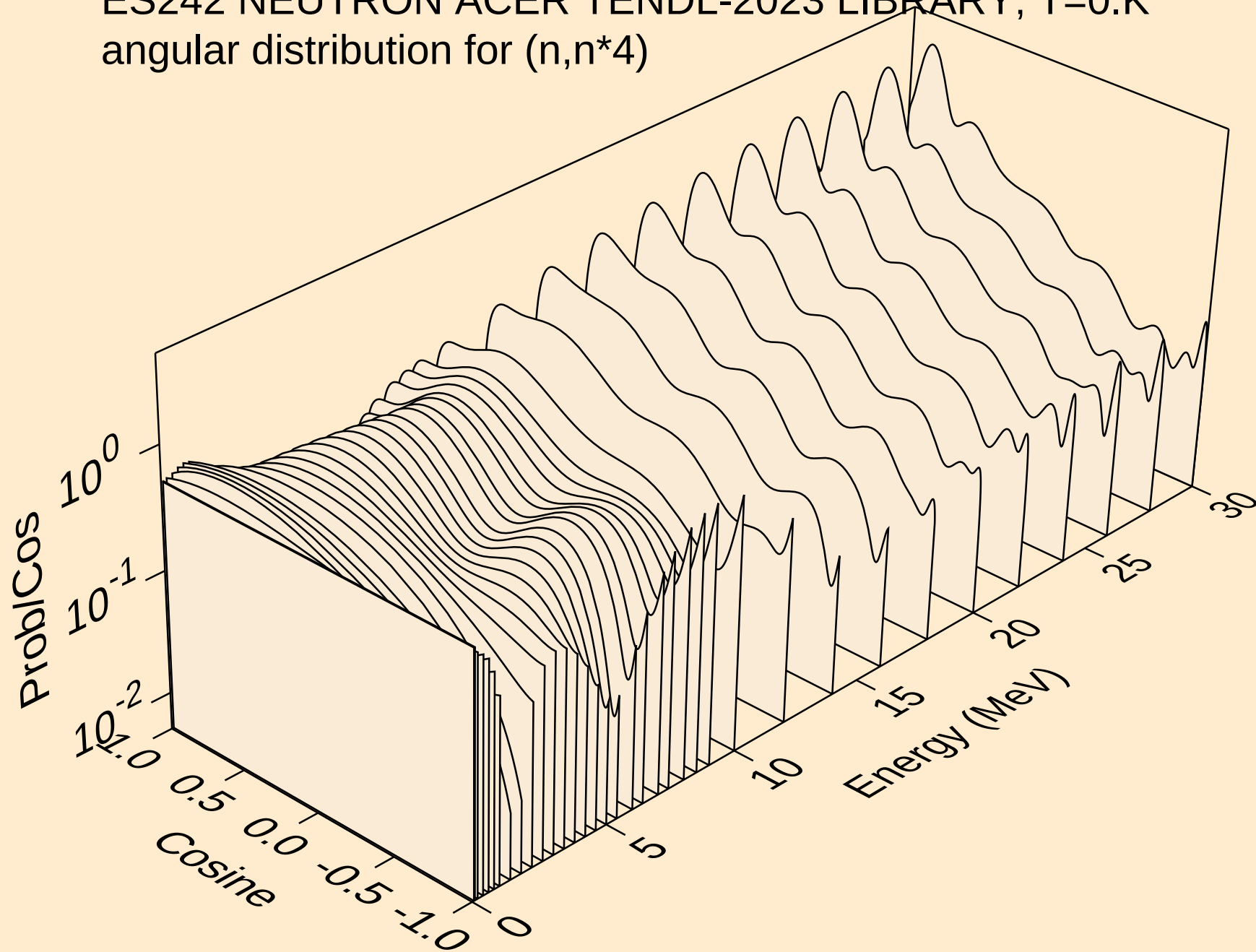
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



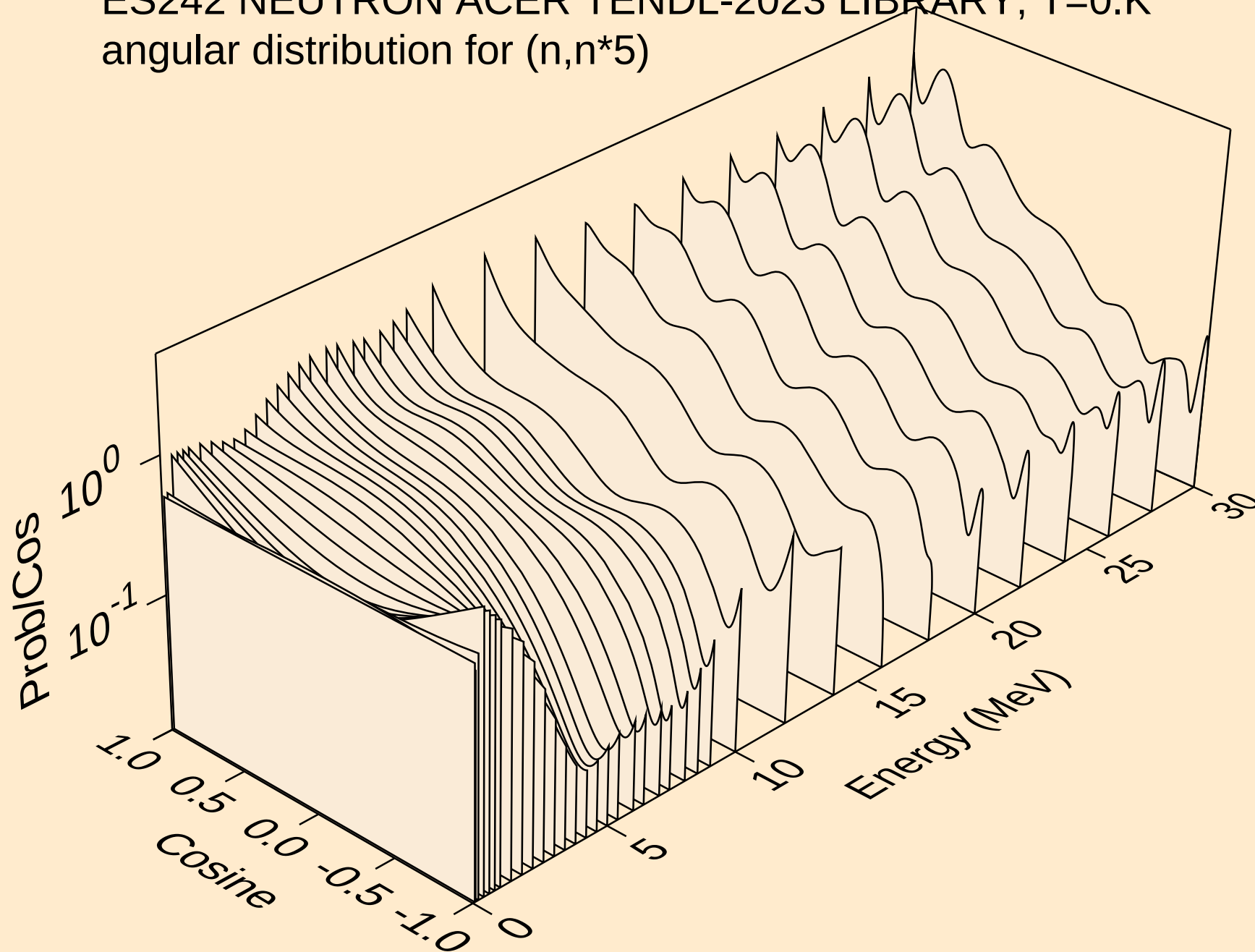
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



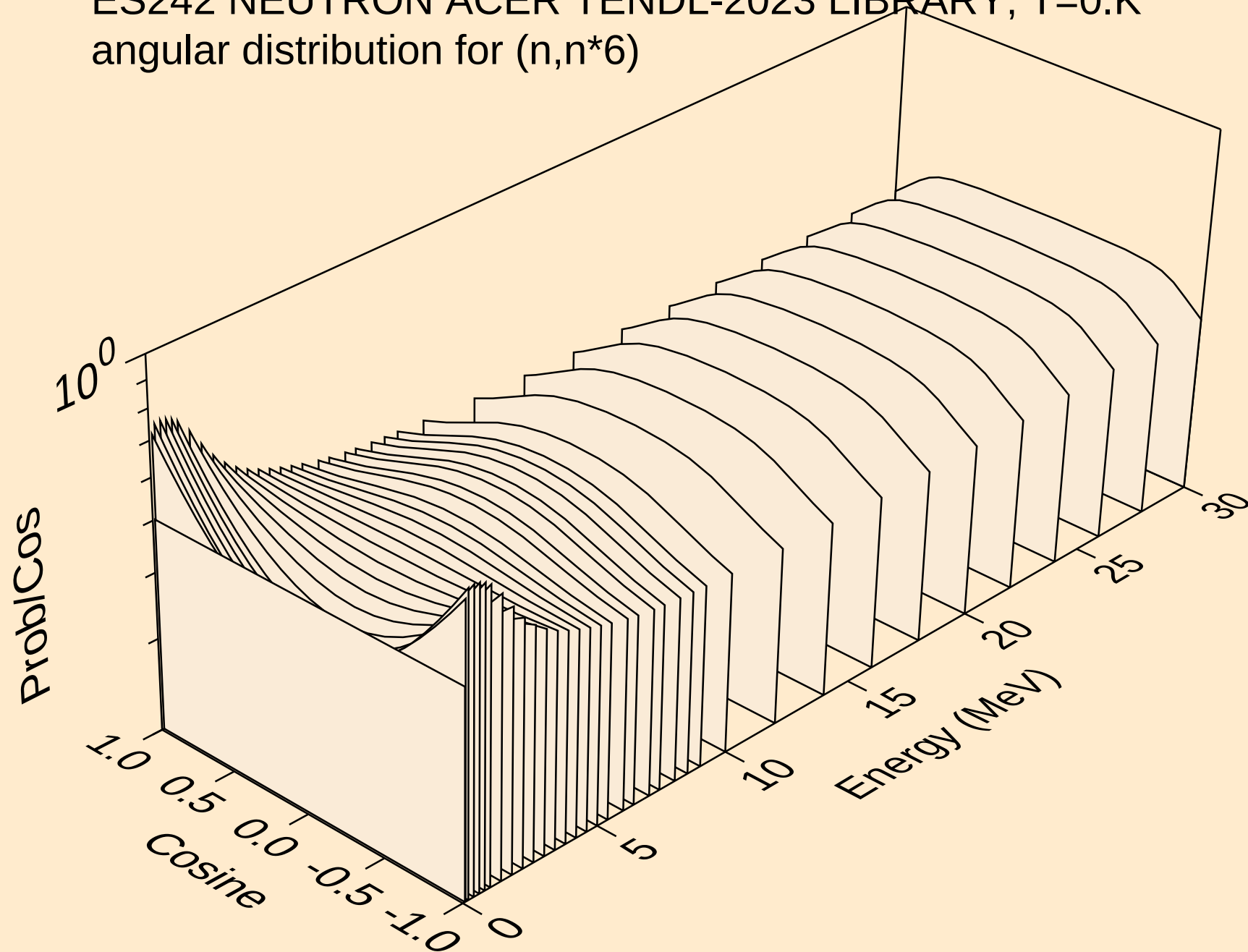
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



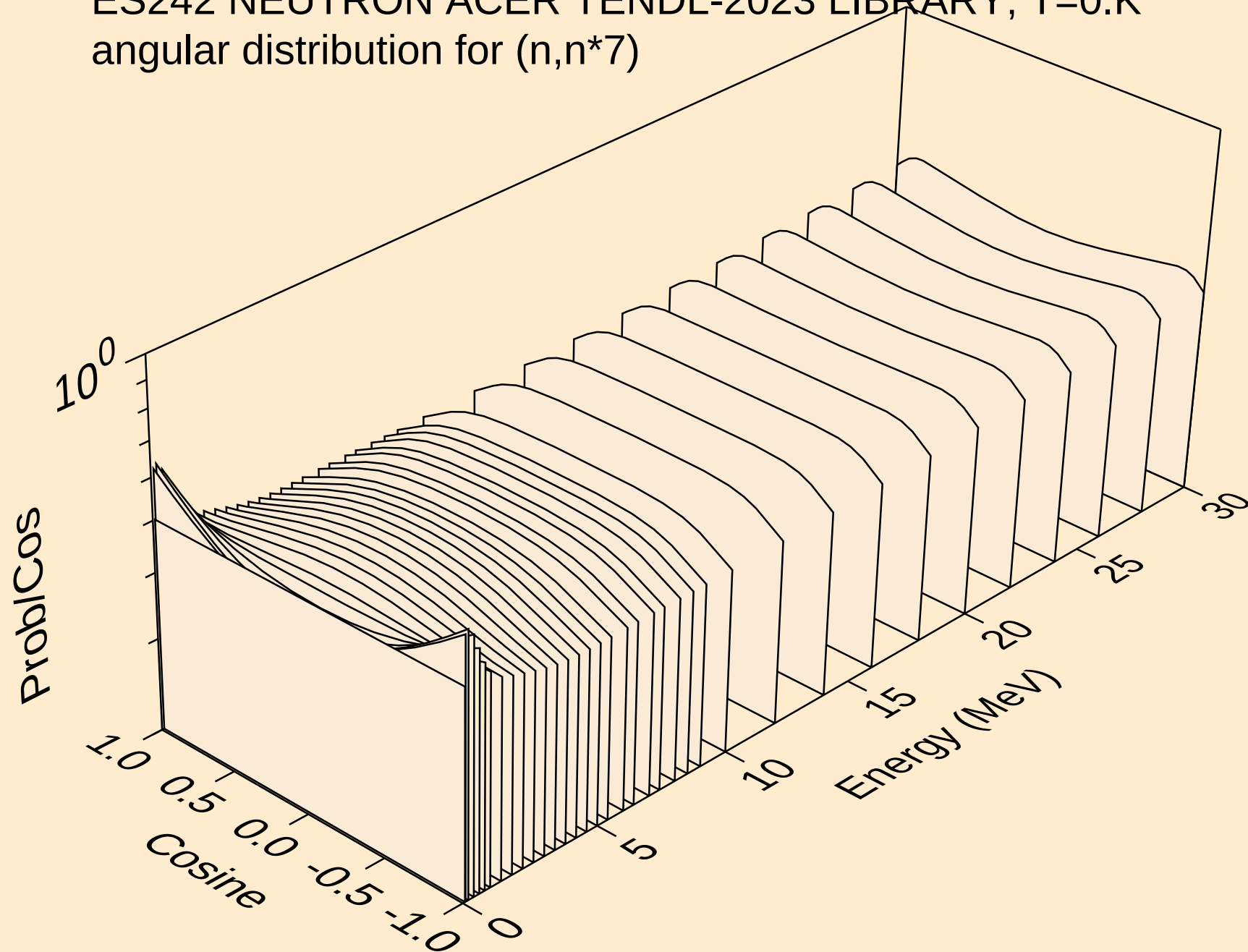
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



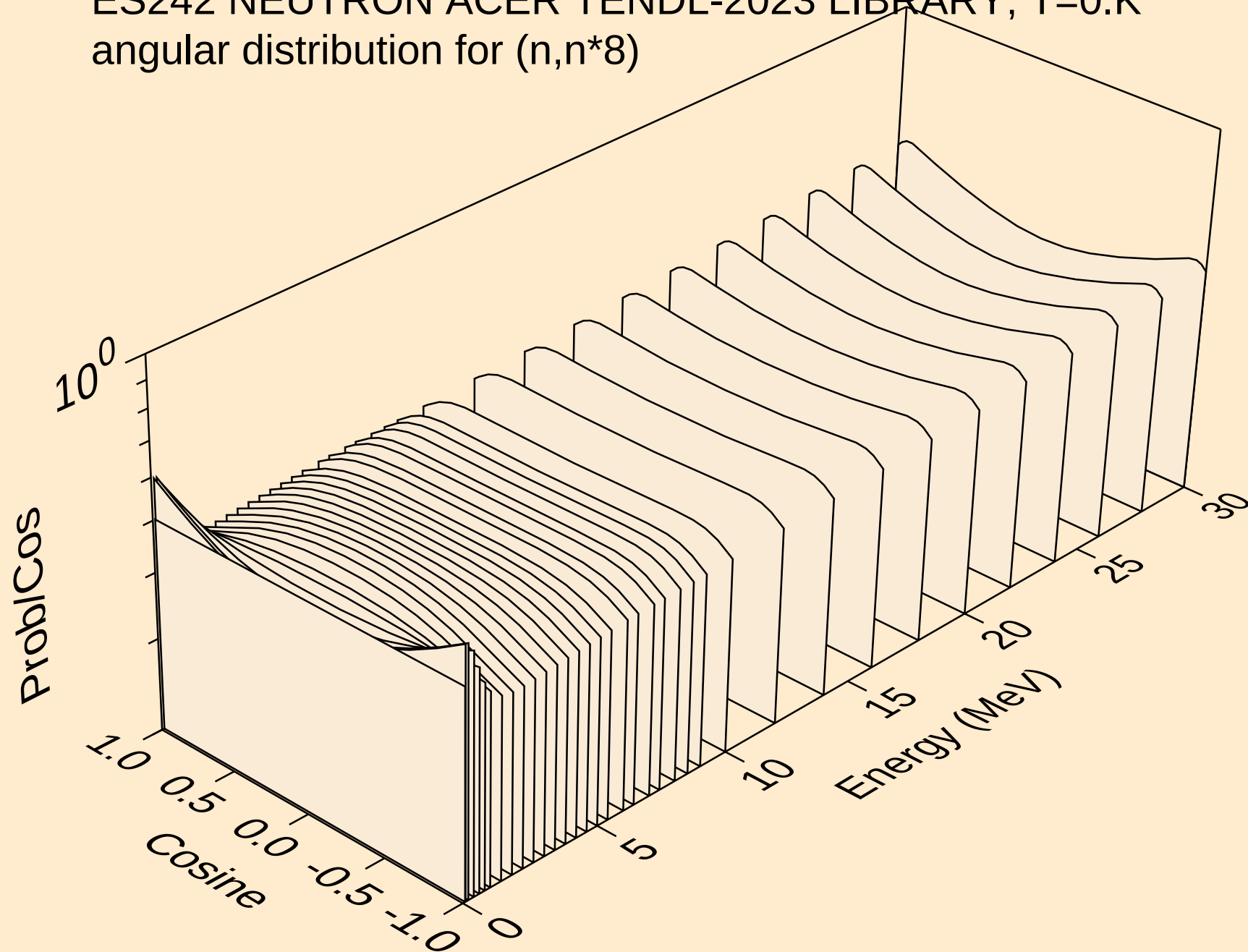
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



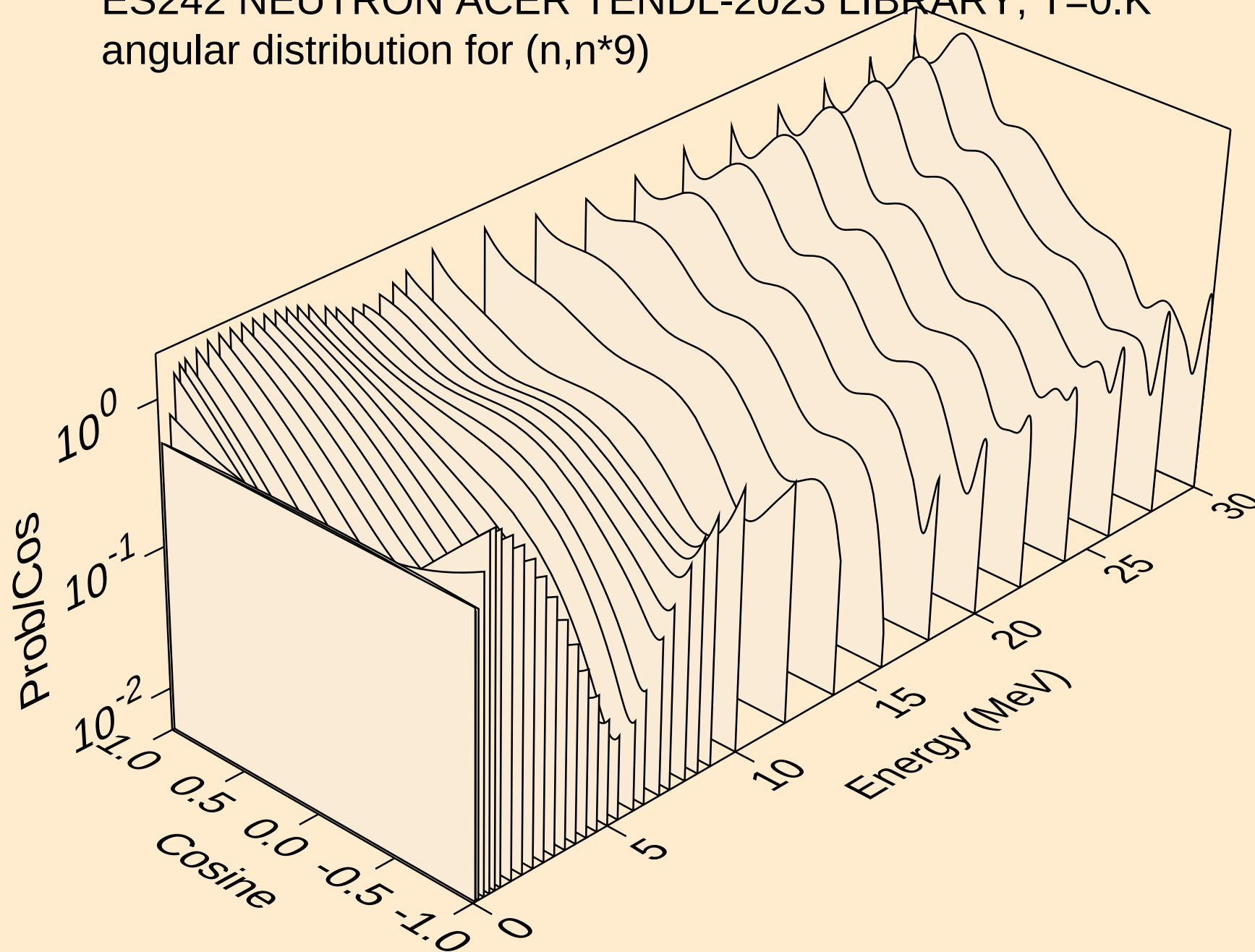
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



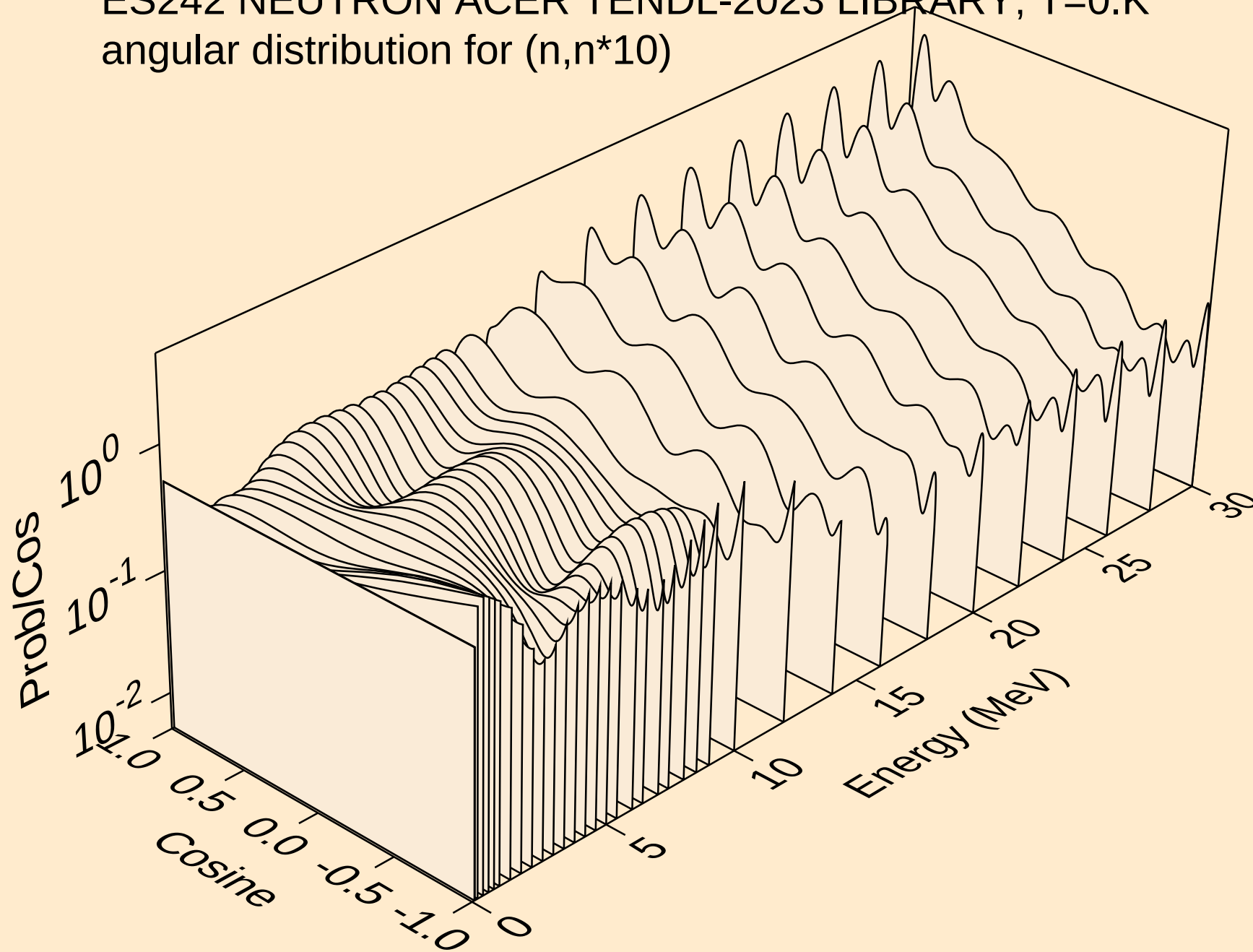
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



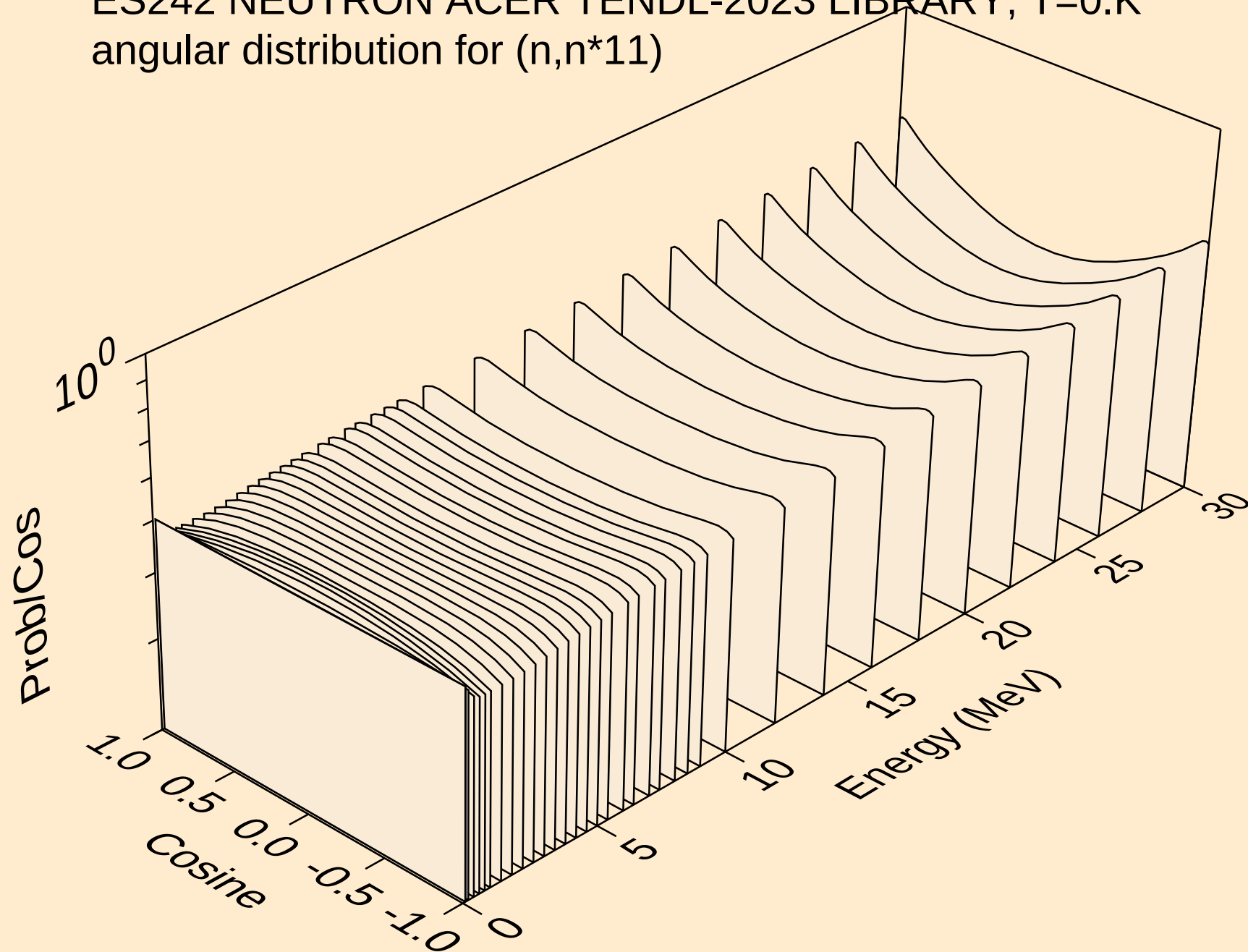
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



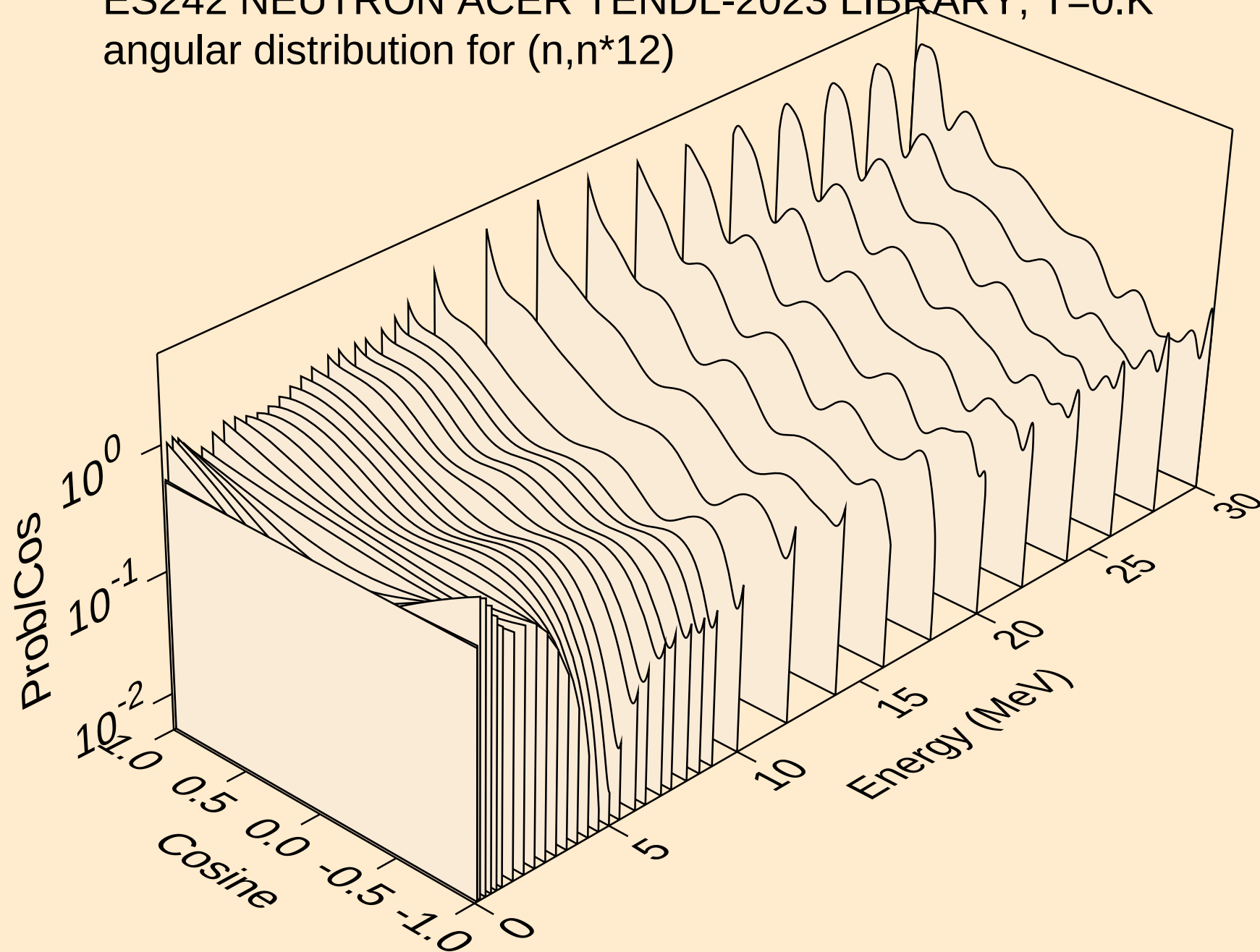
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



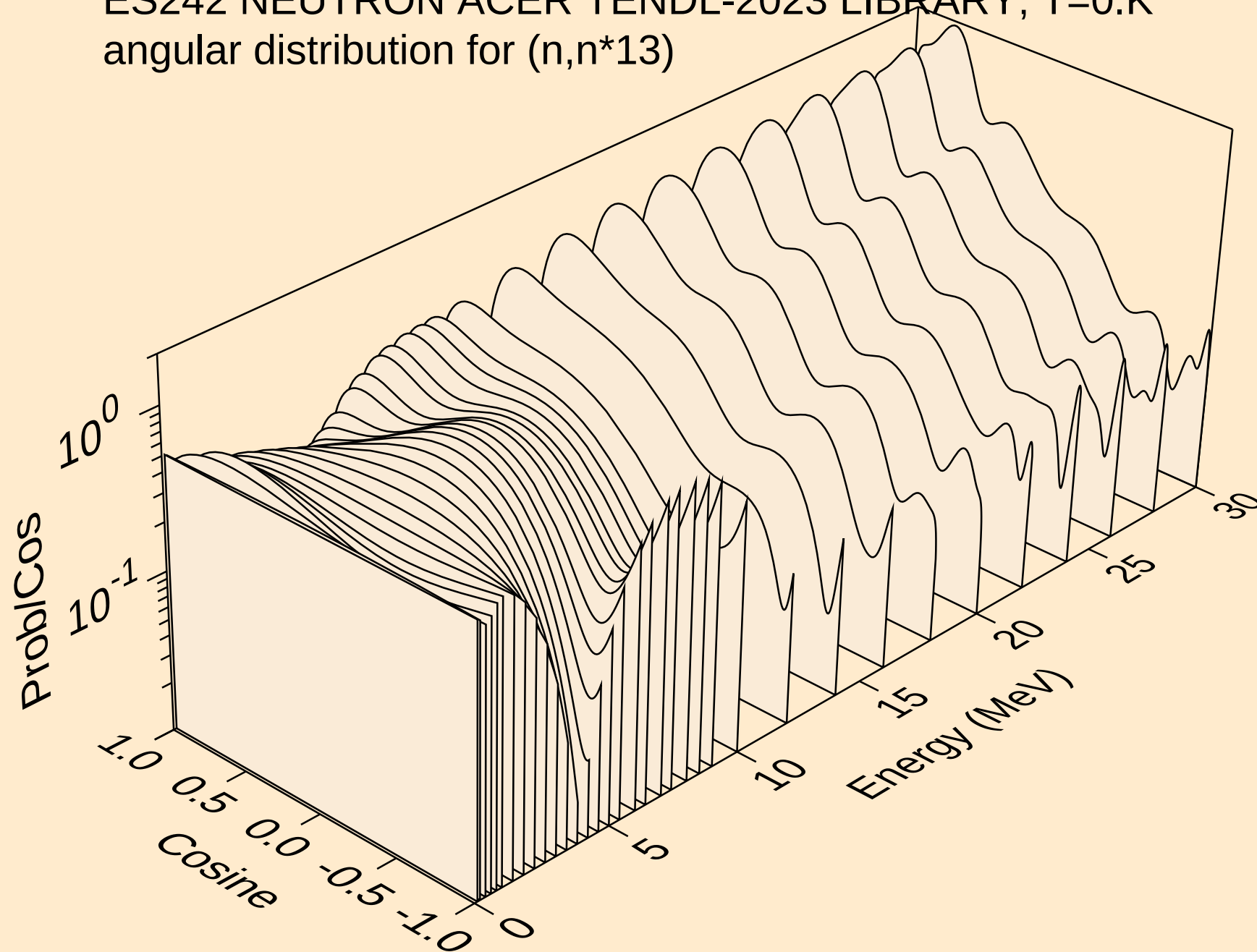
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



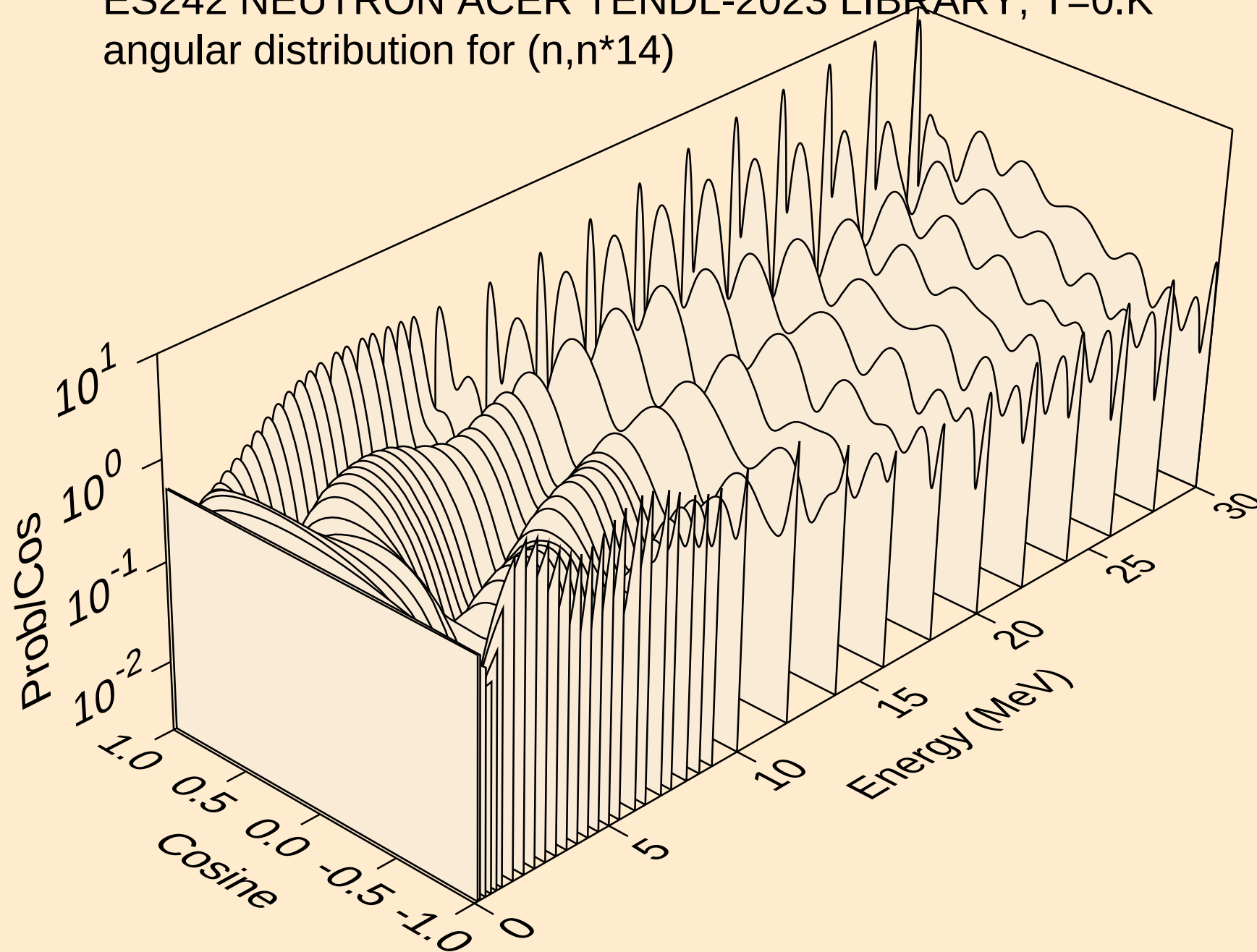
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



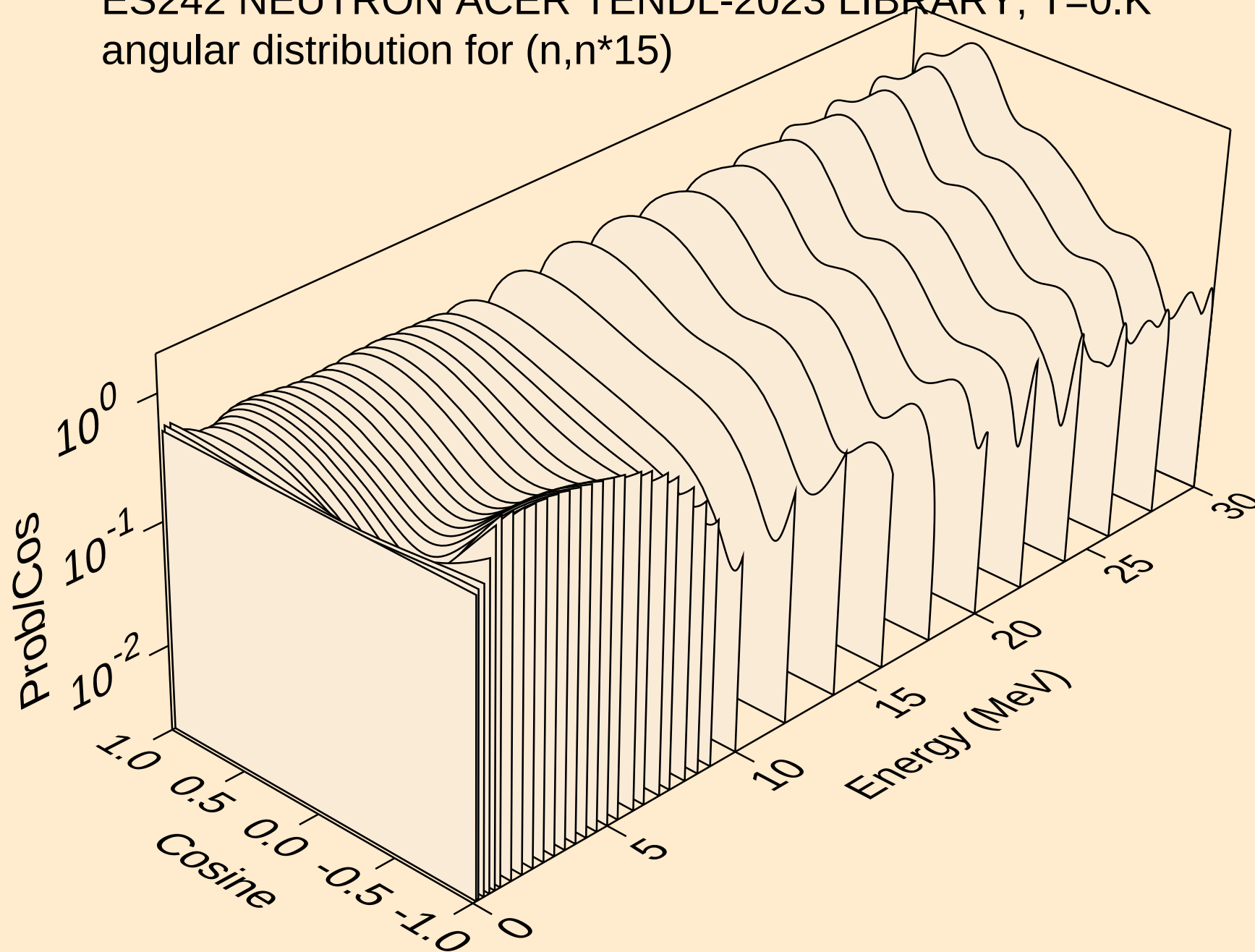
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



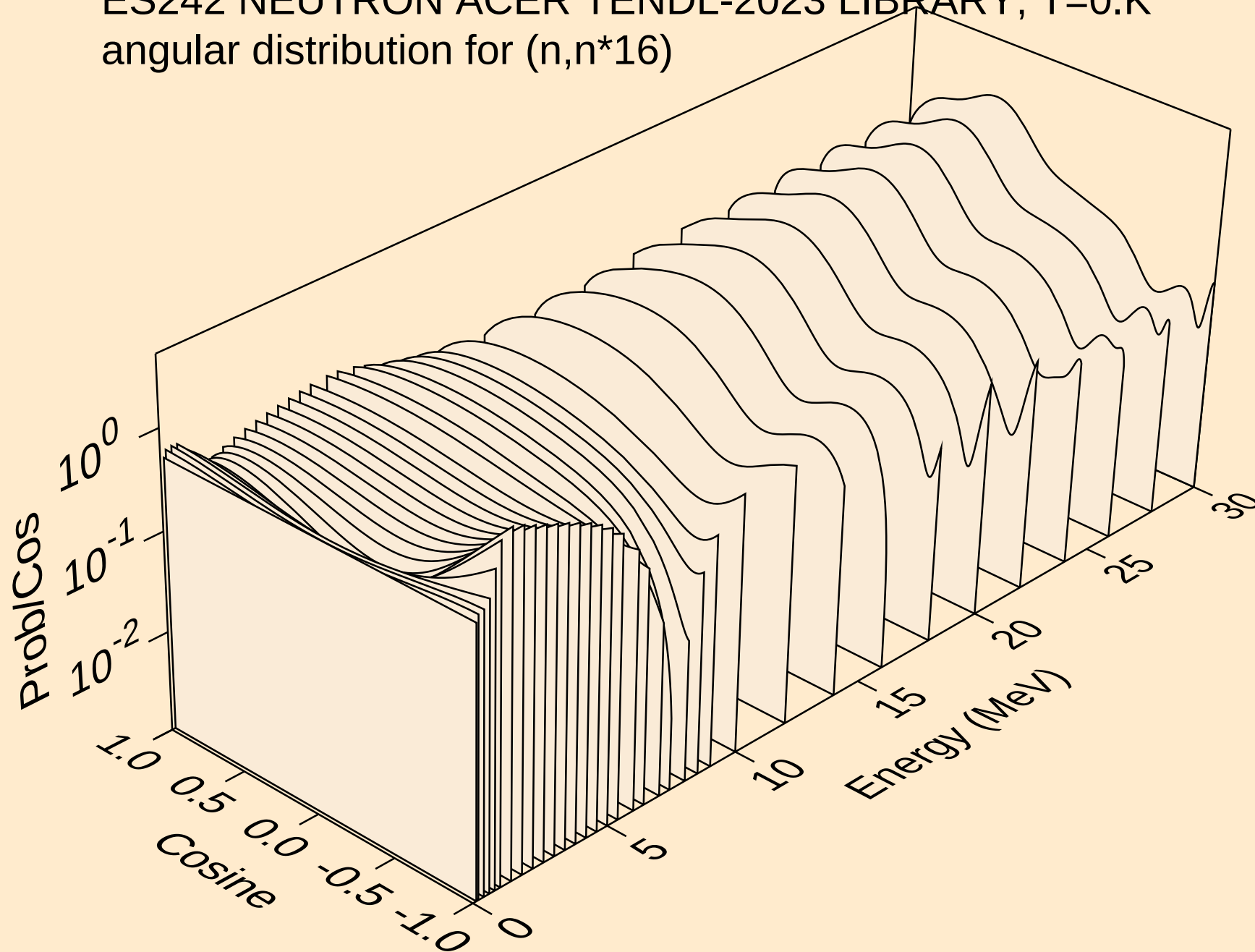
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



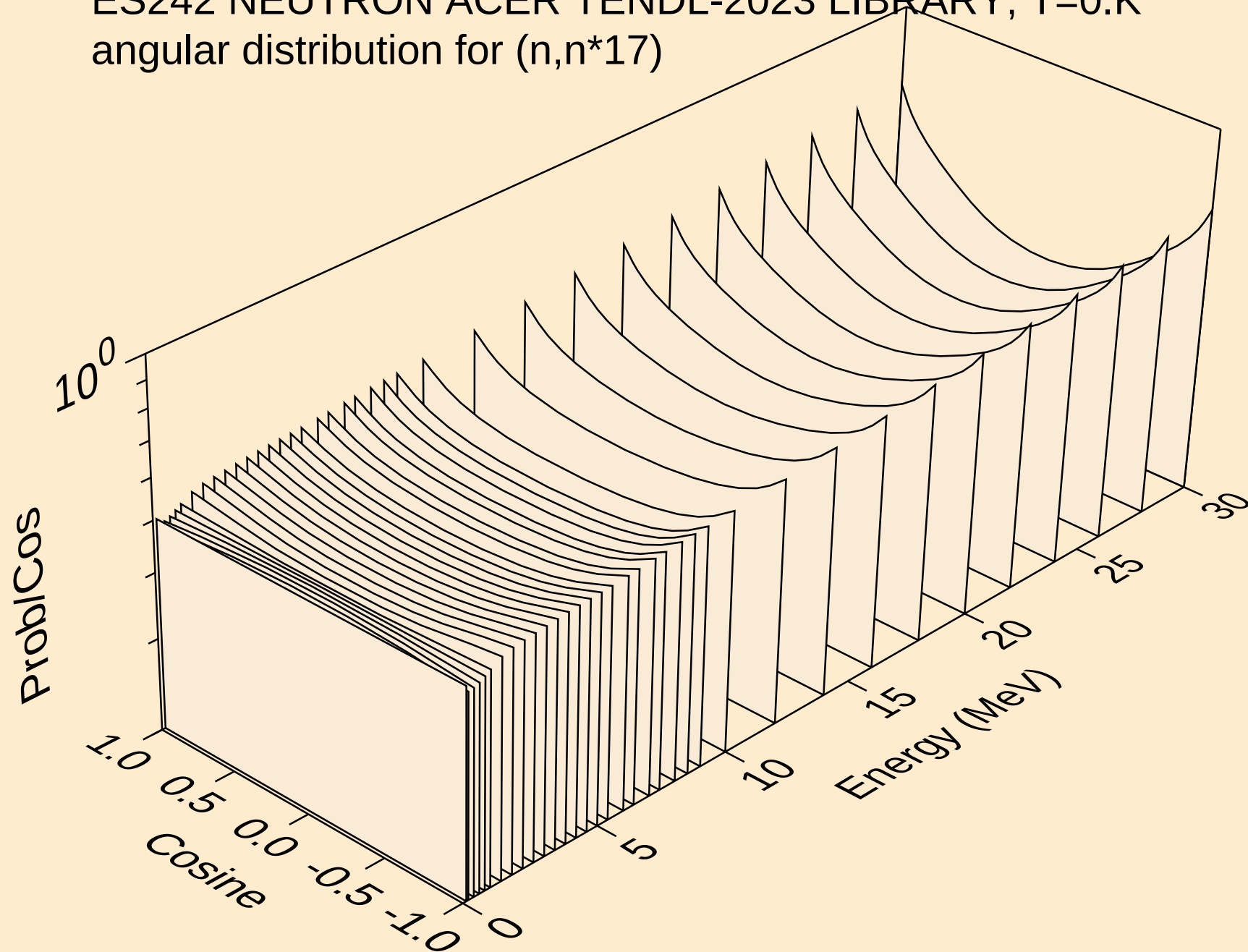
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



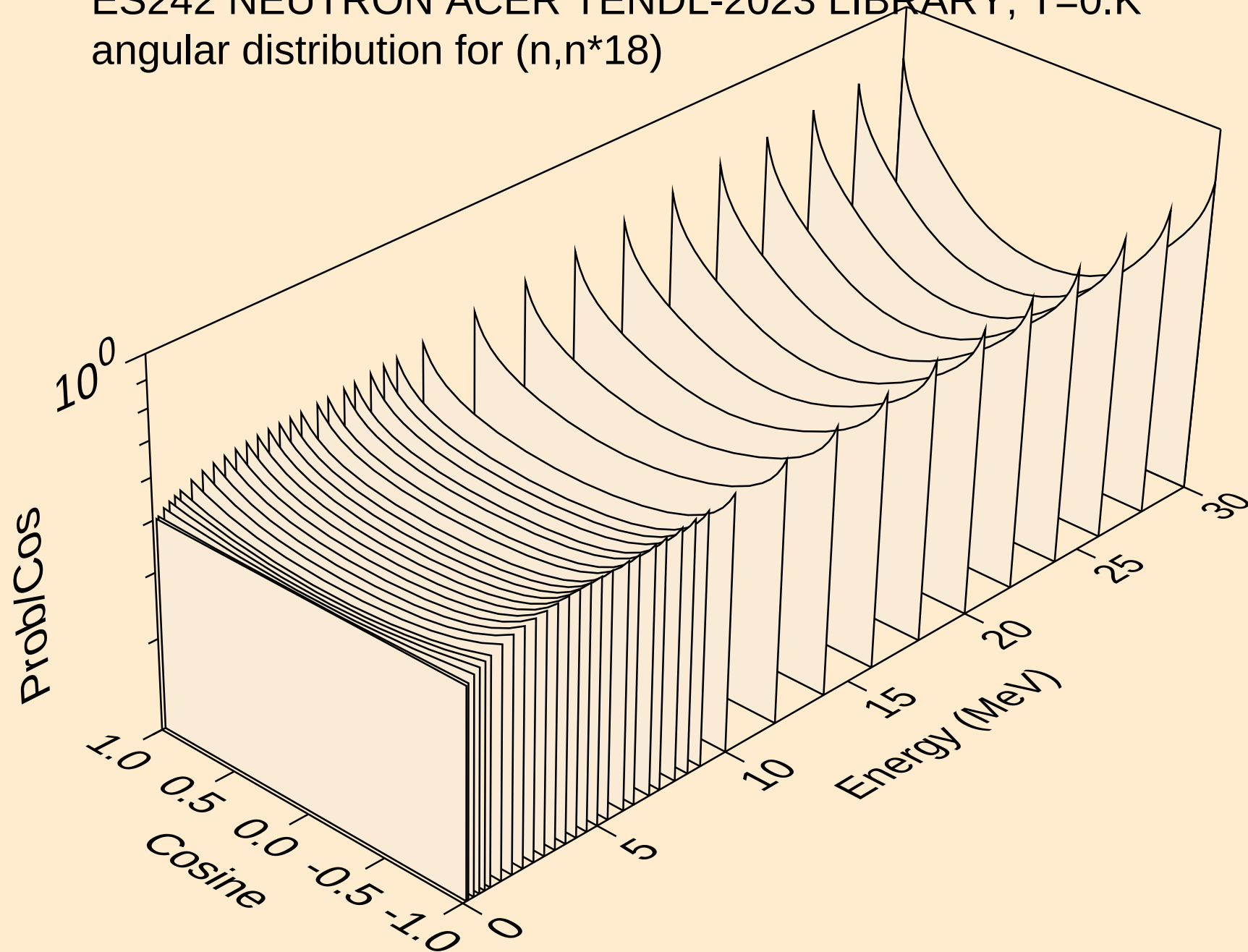
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



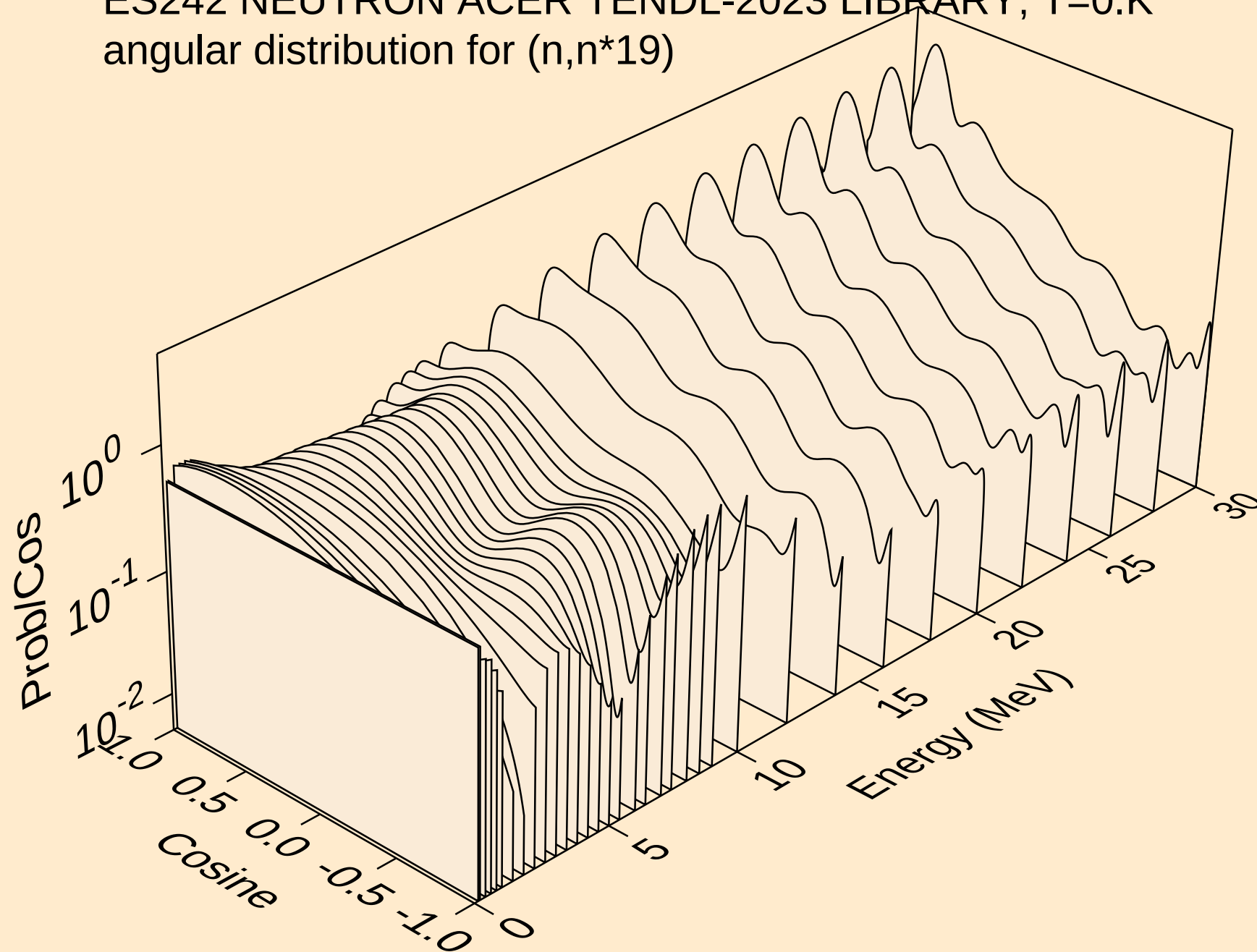
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*17)



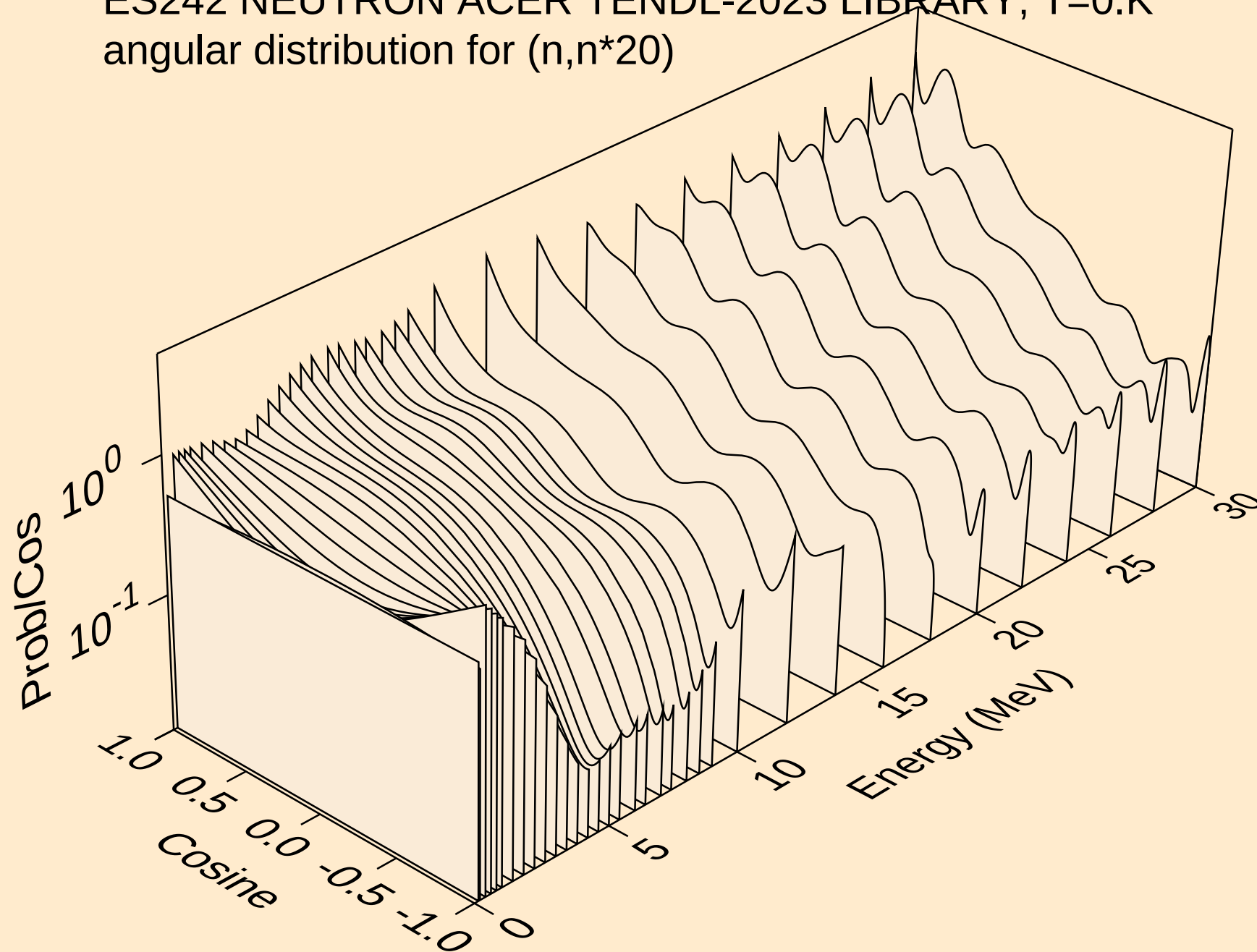
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*18)



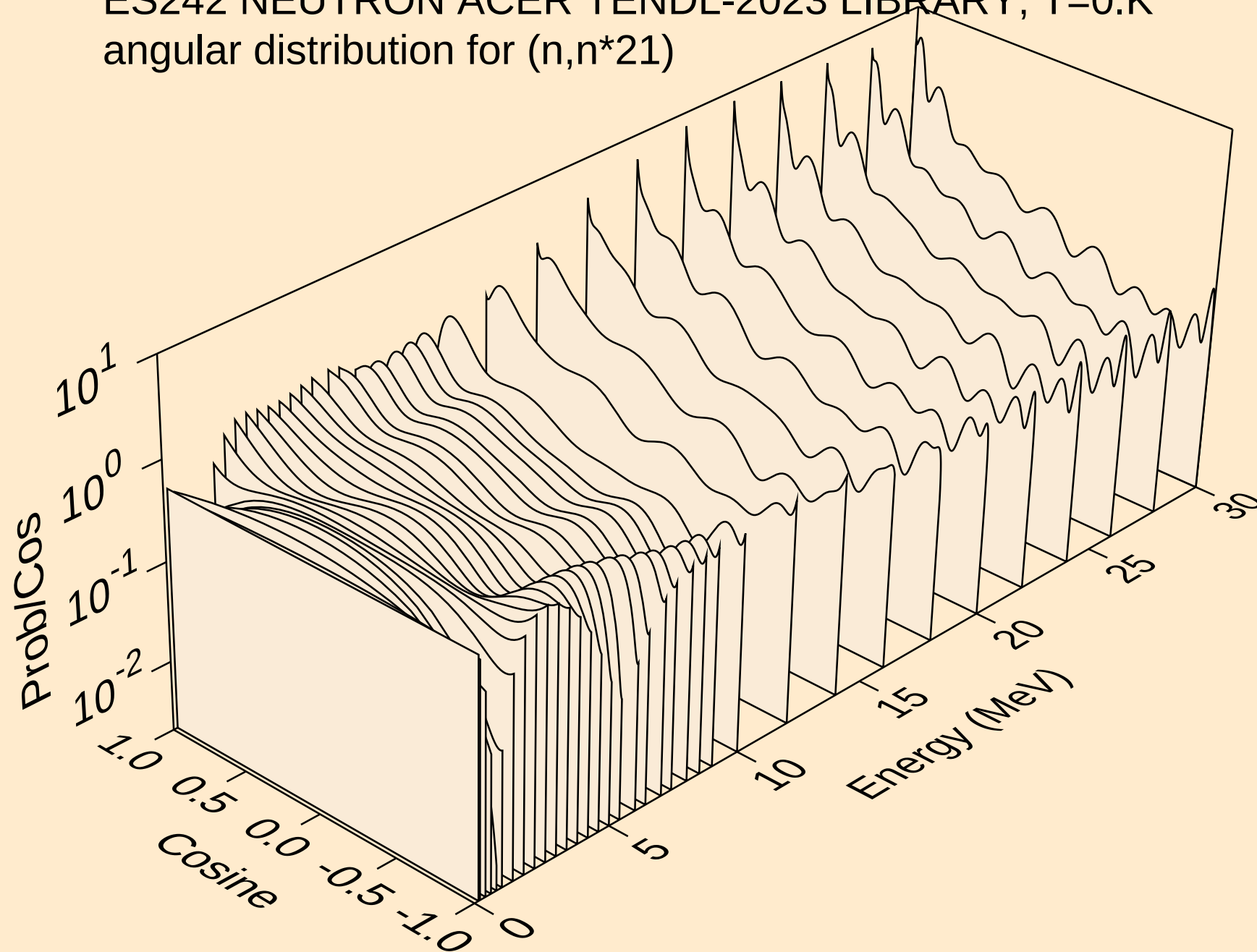
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*19)



ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*20)

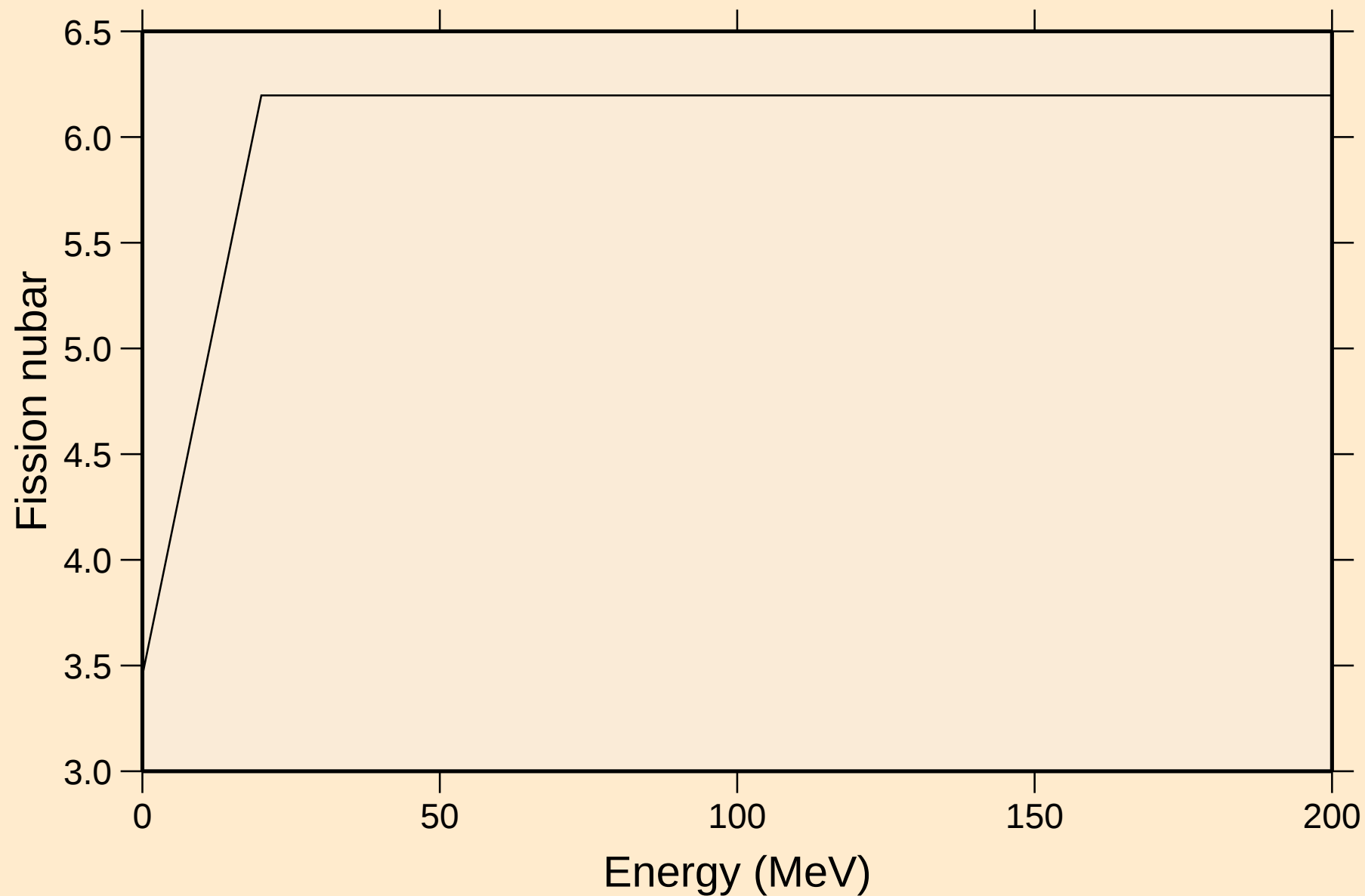


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*21)

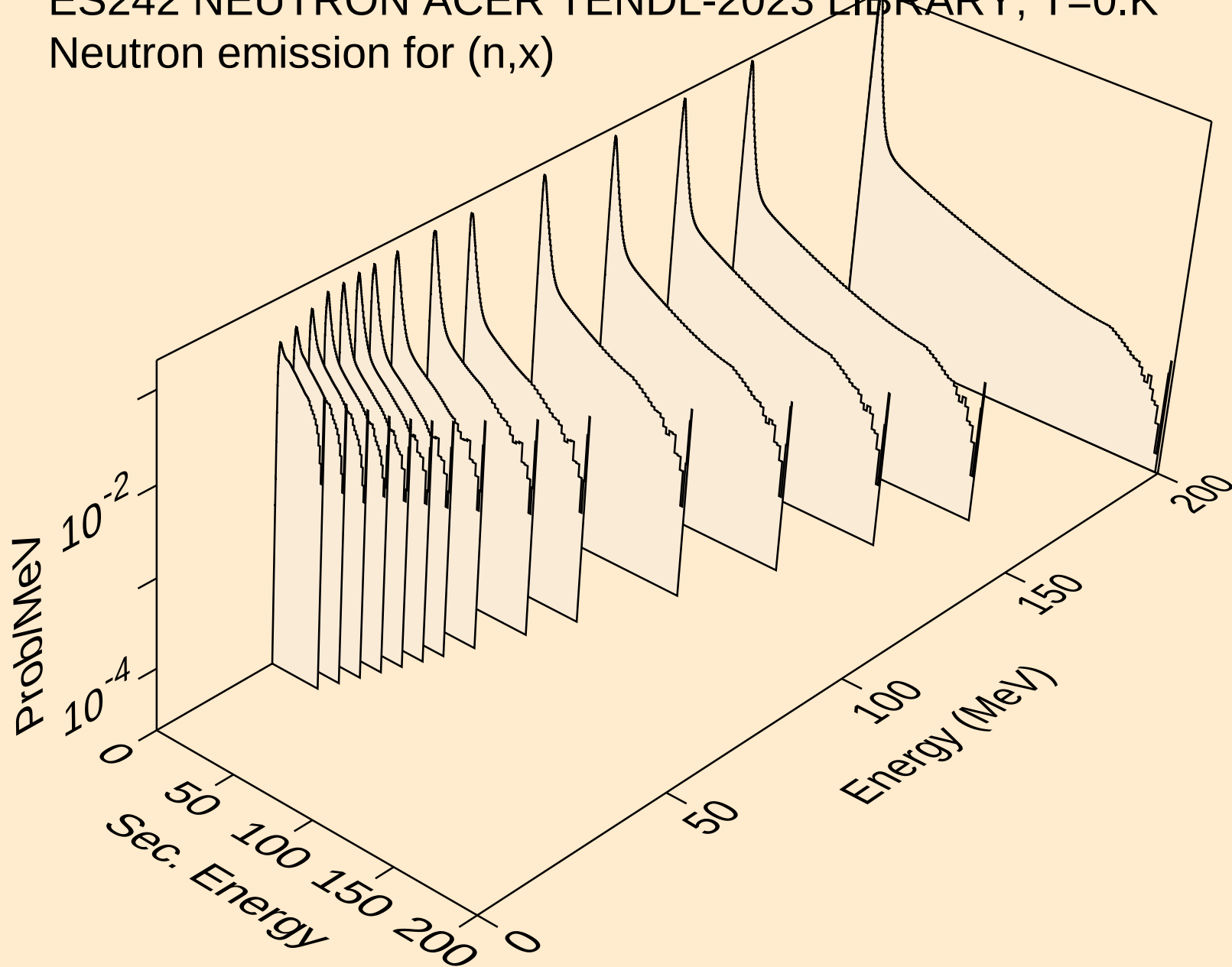


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

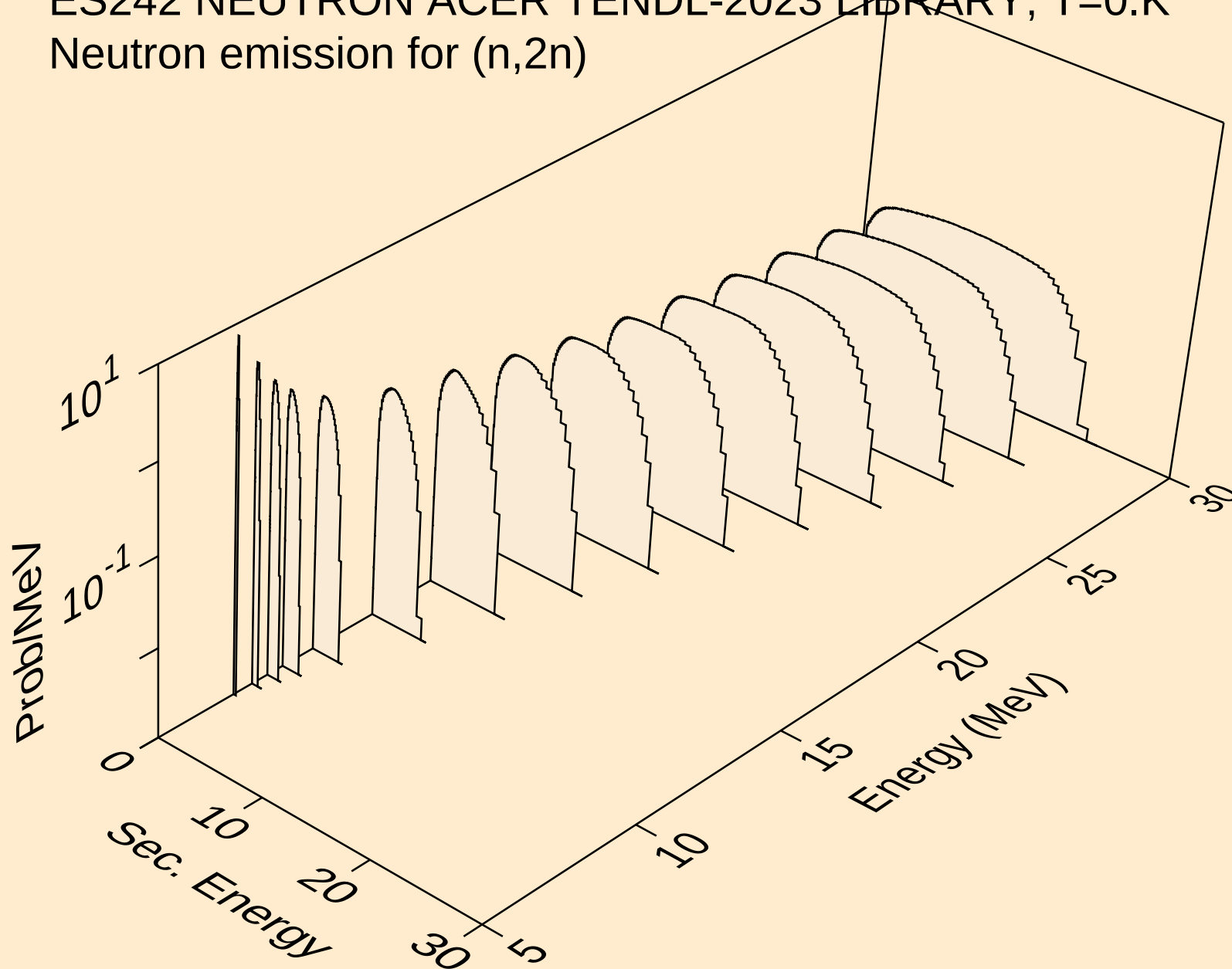
Total fission nubar



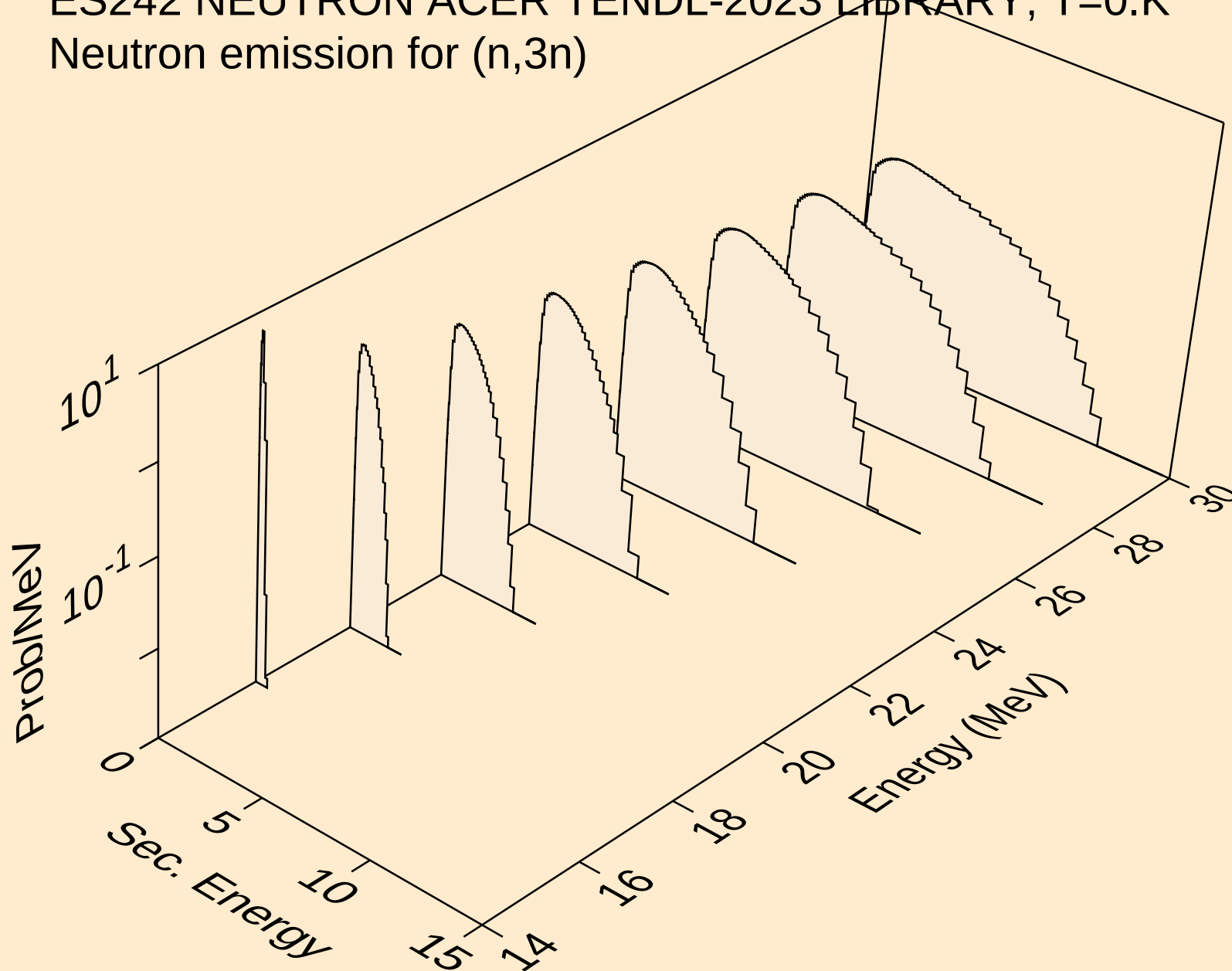
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



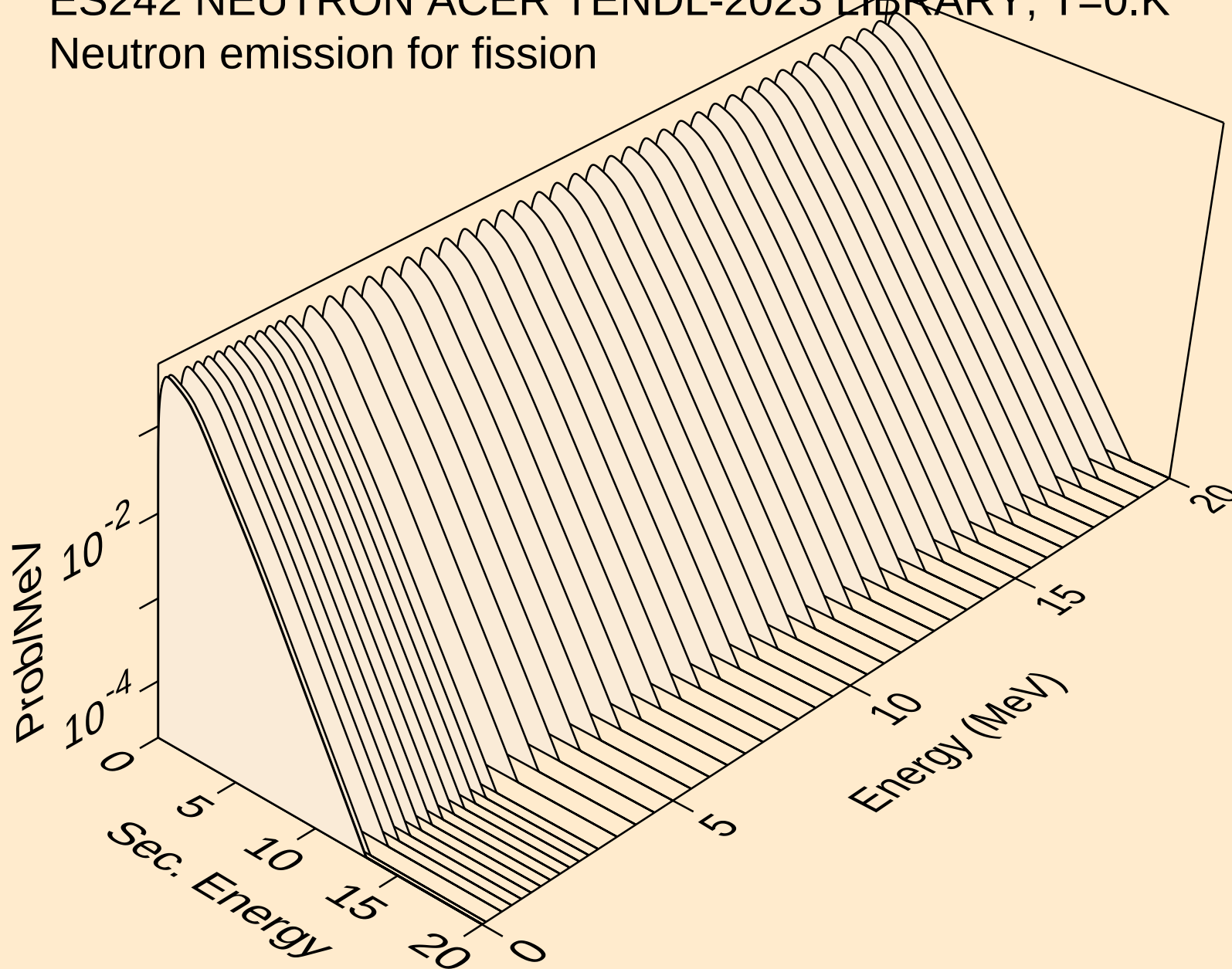
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)

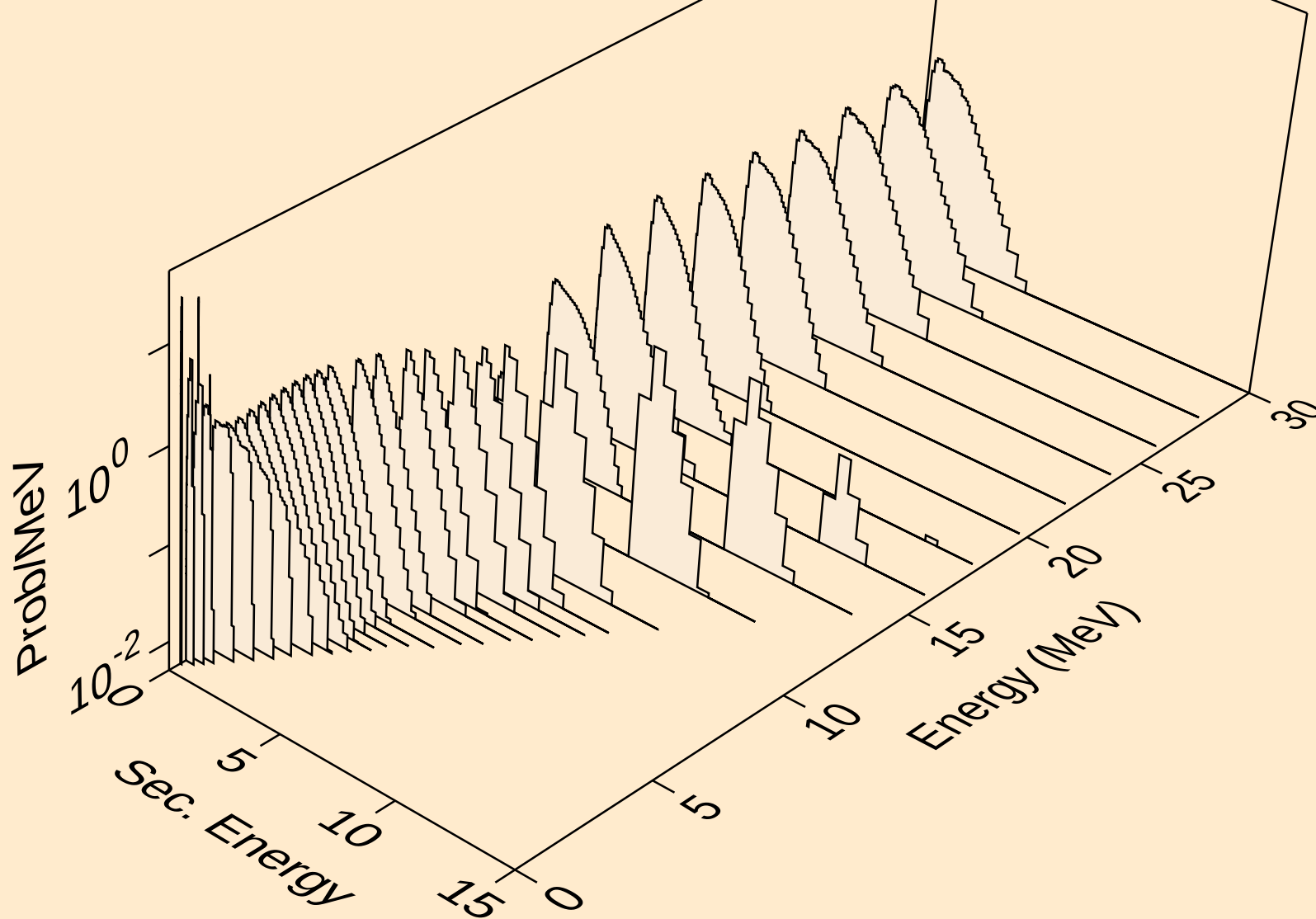


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for fission

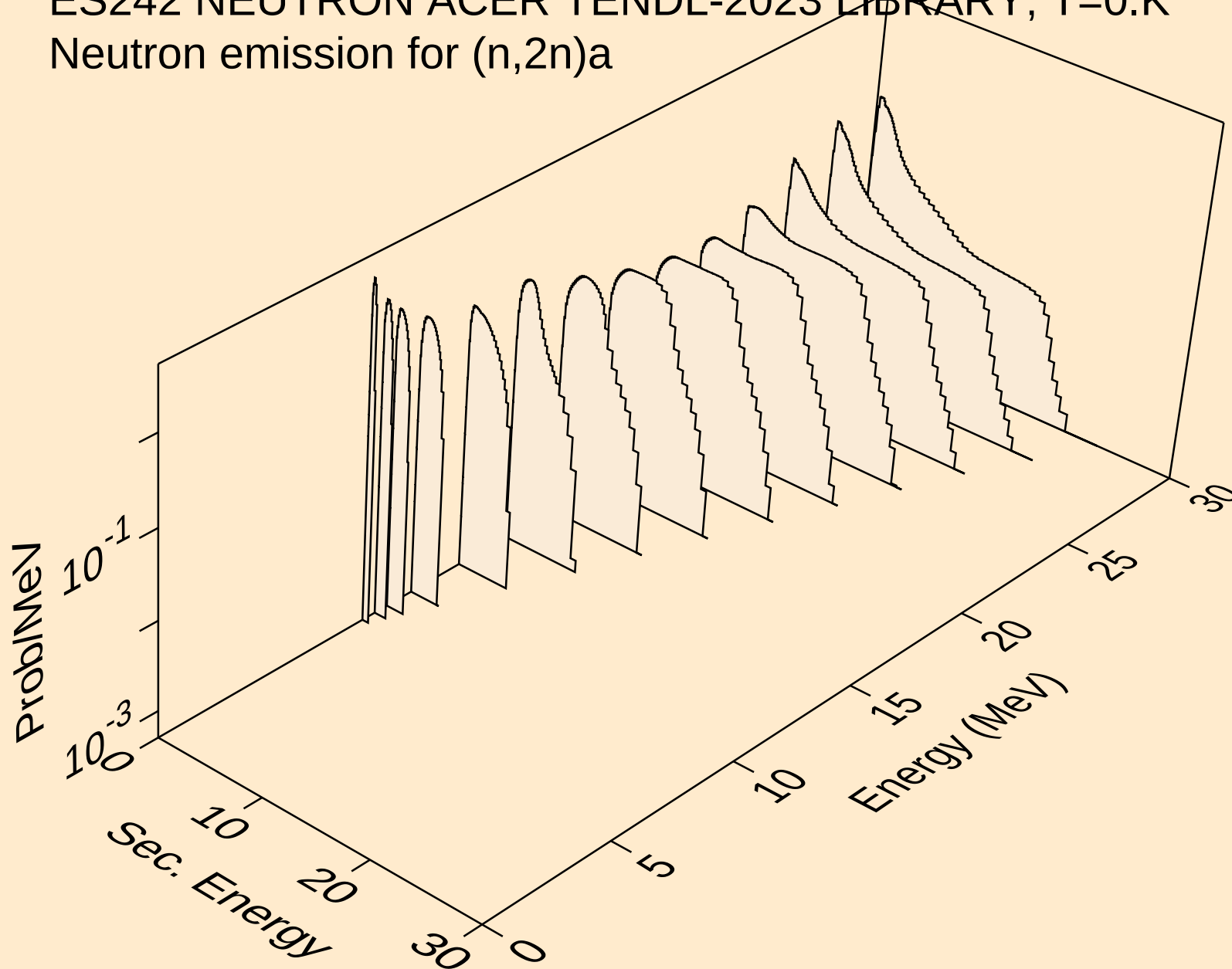


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)a

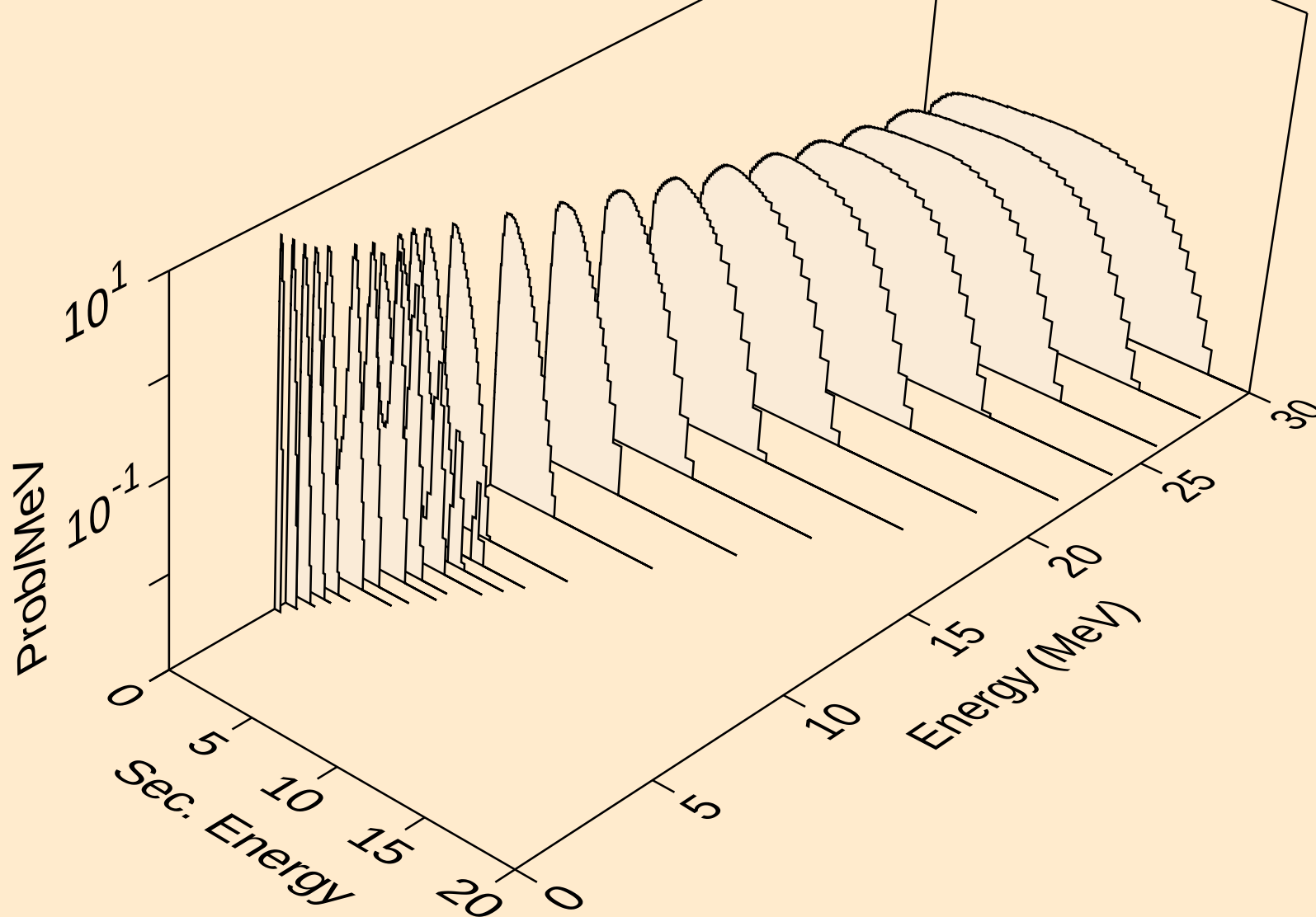


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)a



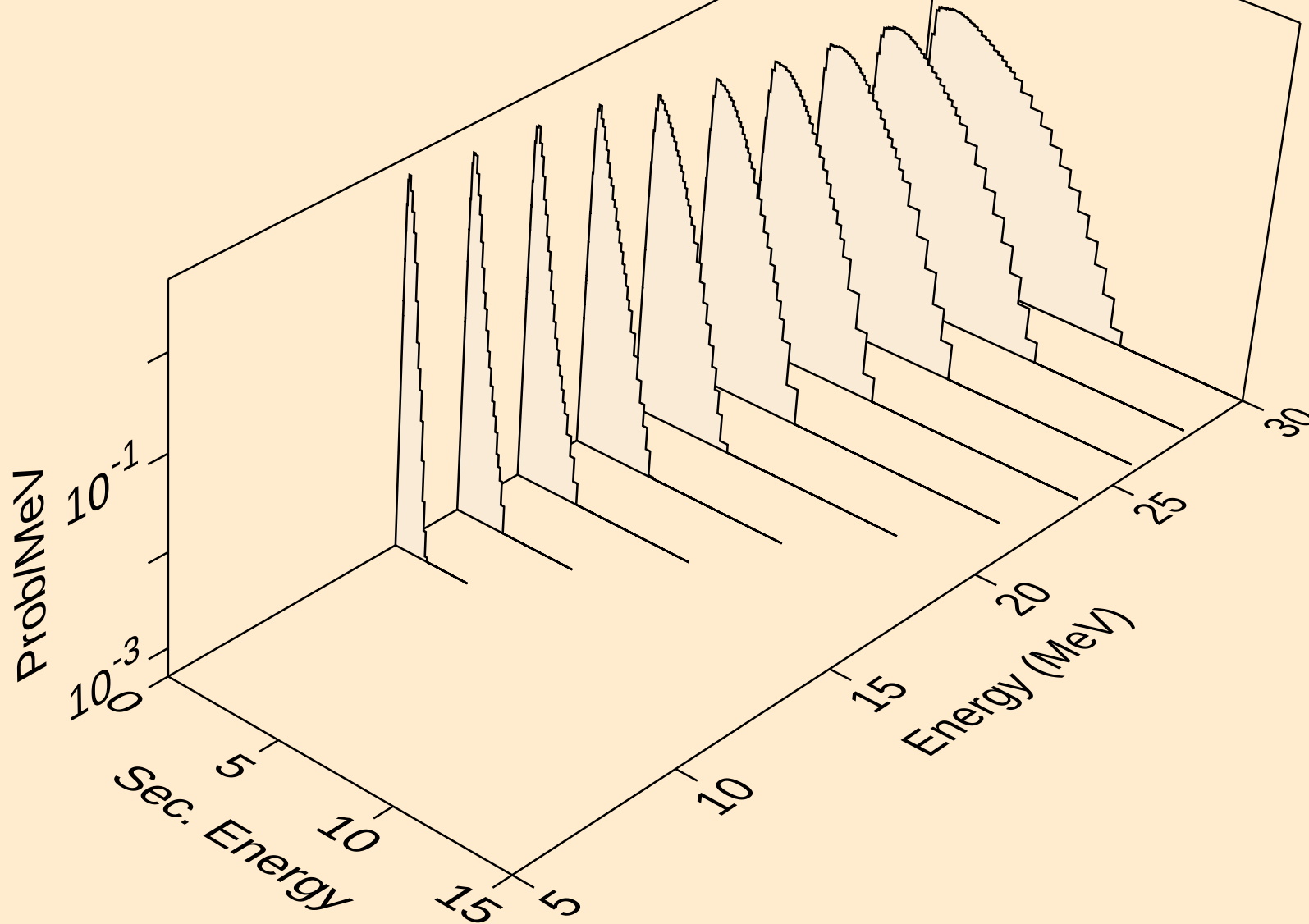
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)p



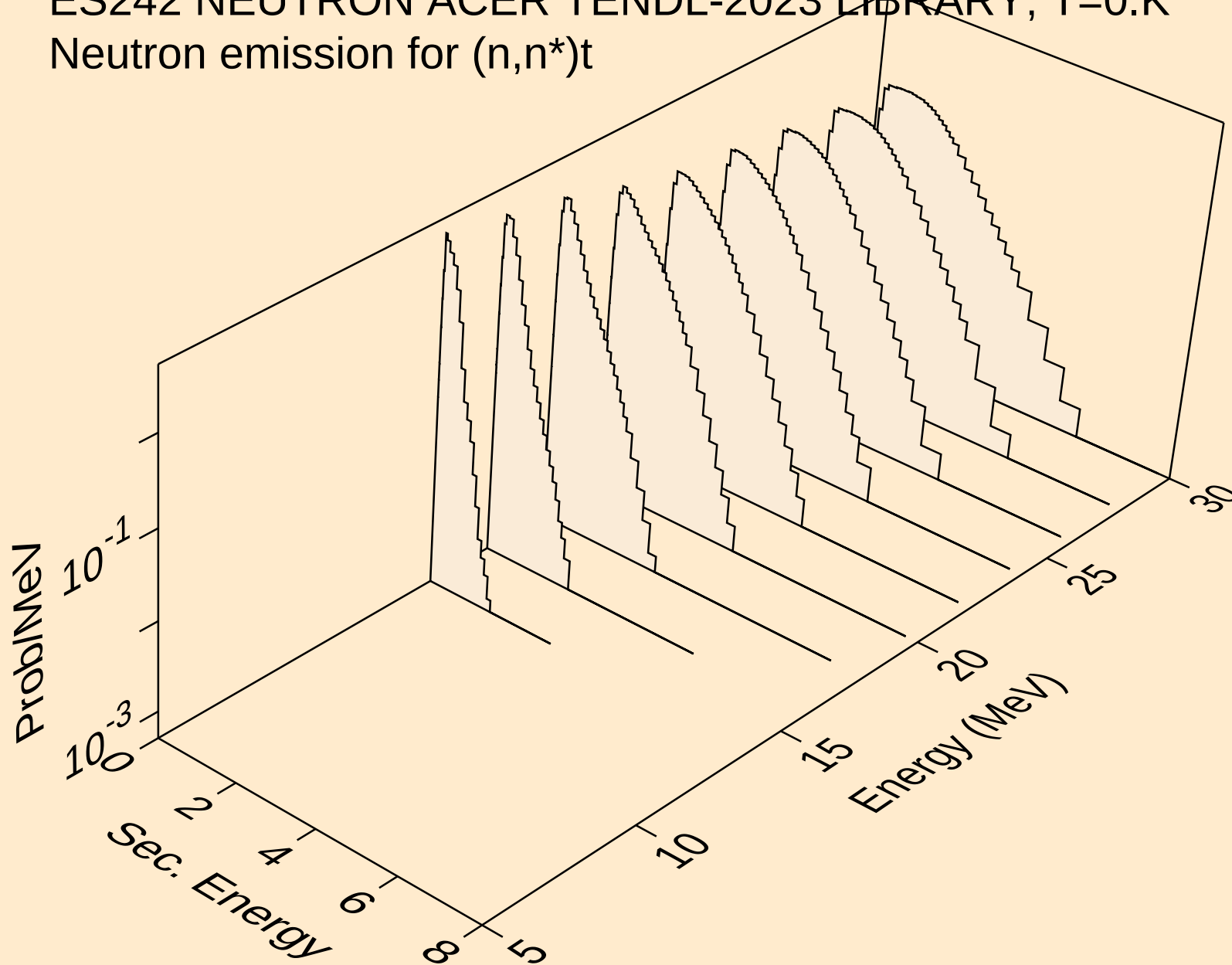
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)d



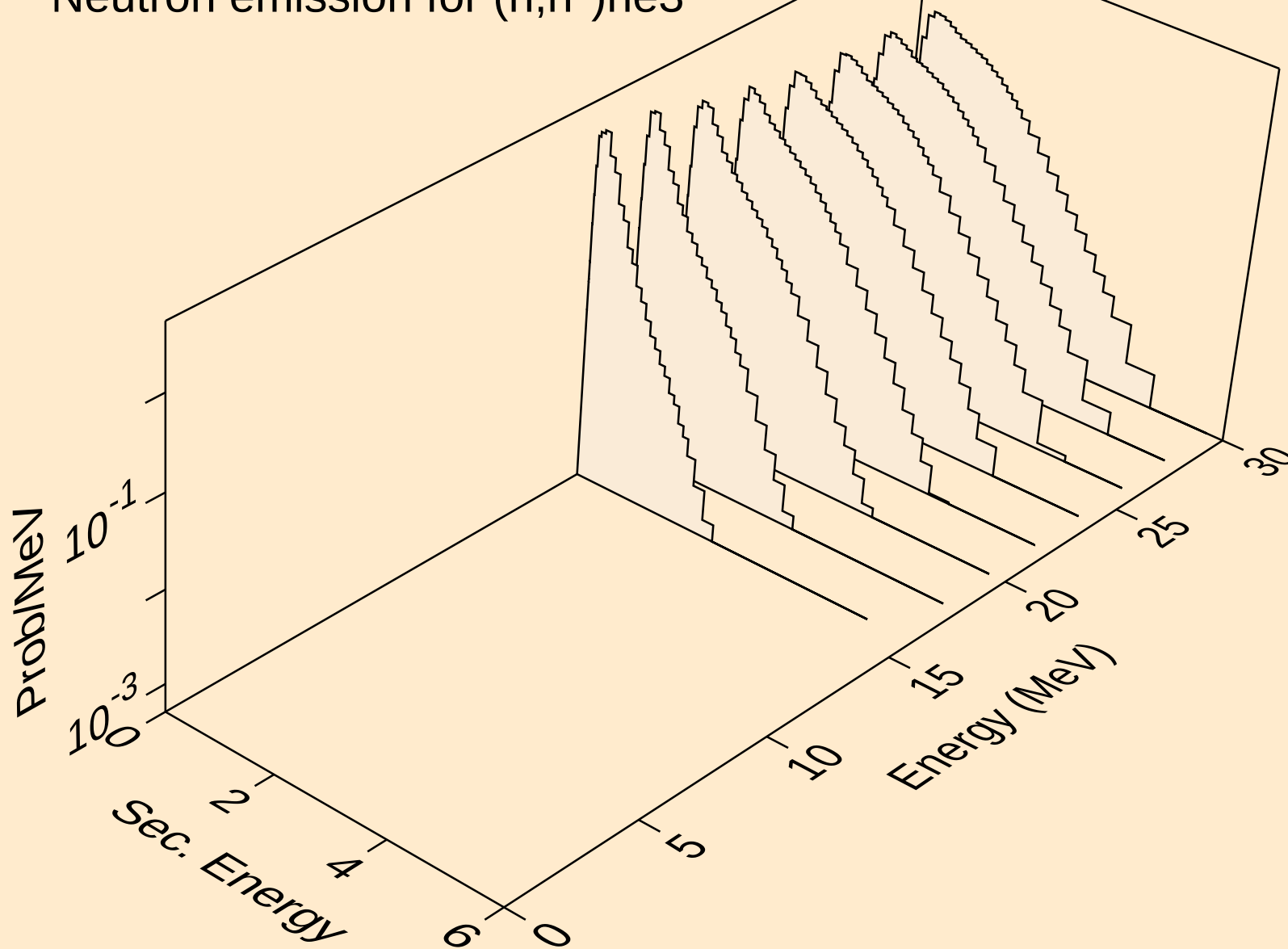
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n*)t

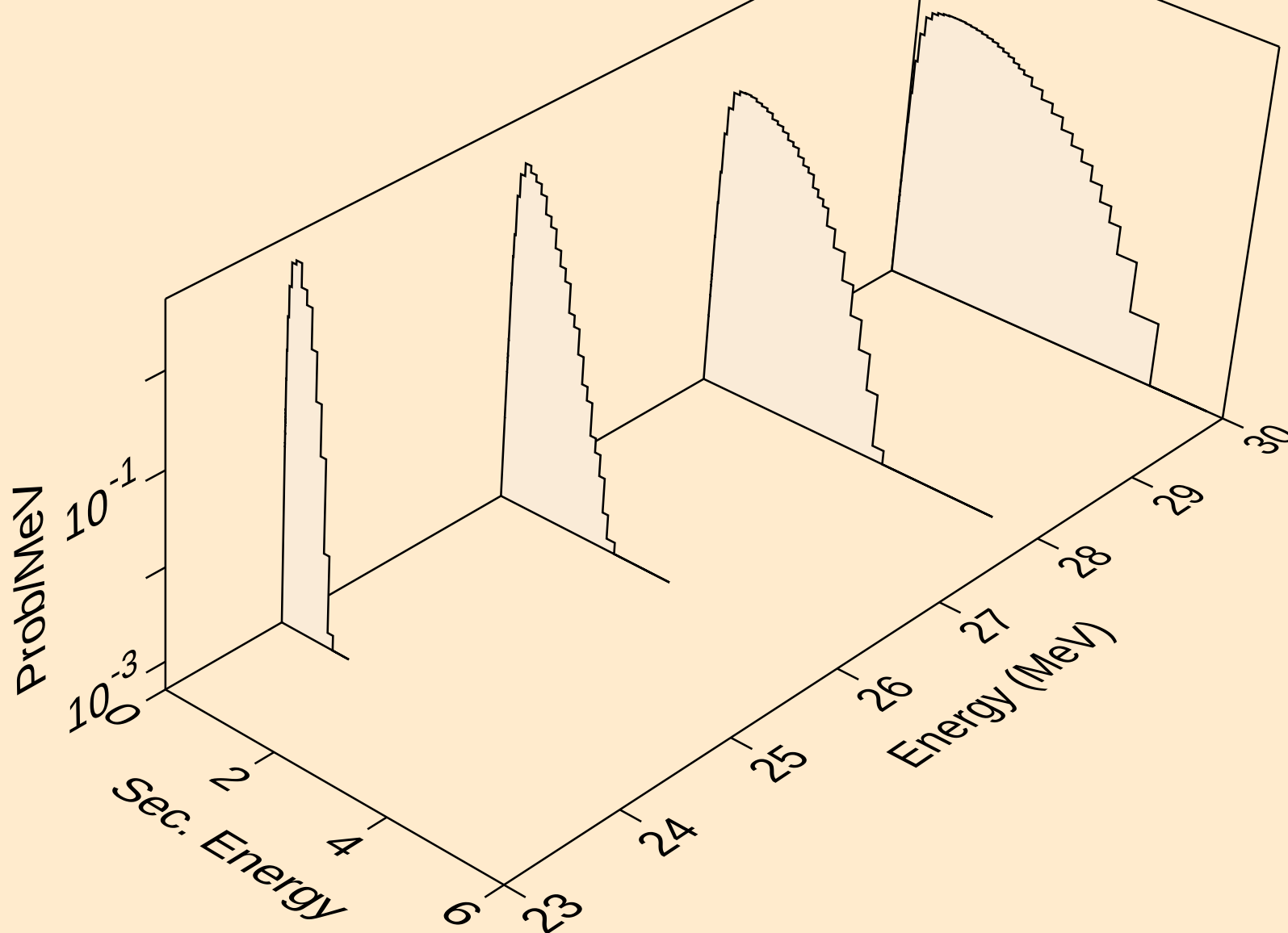


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

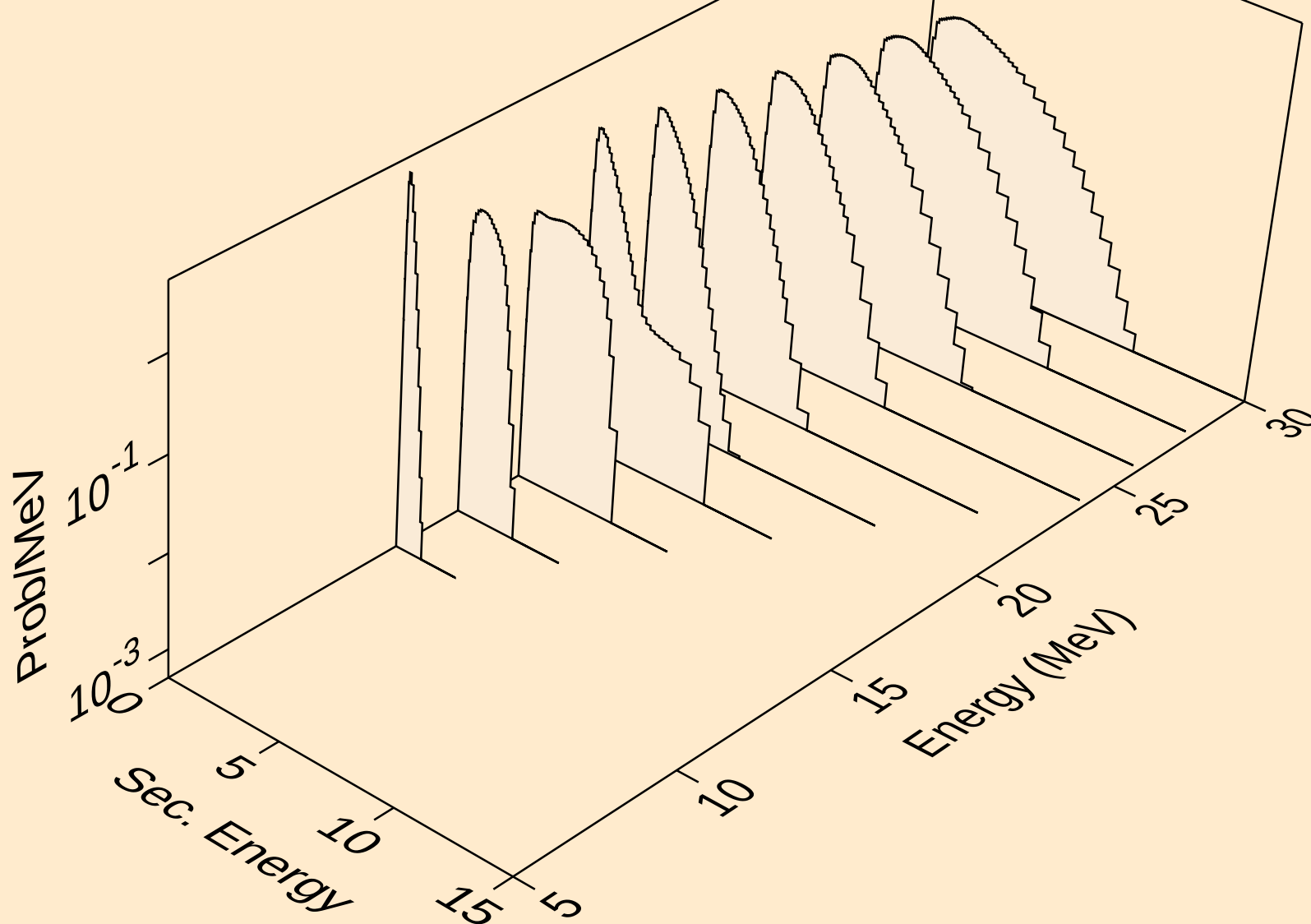
Neutron emission for (n,n*)he3



ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)

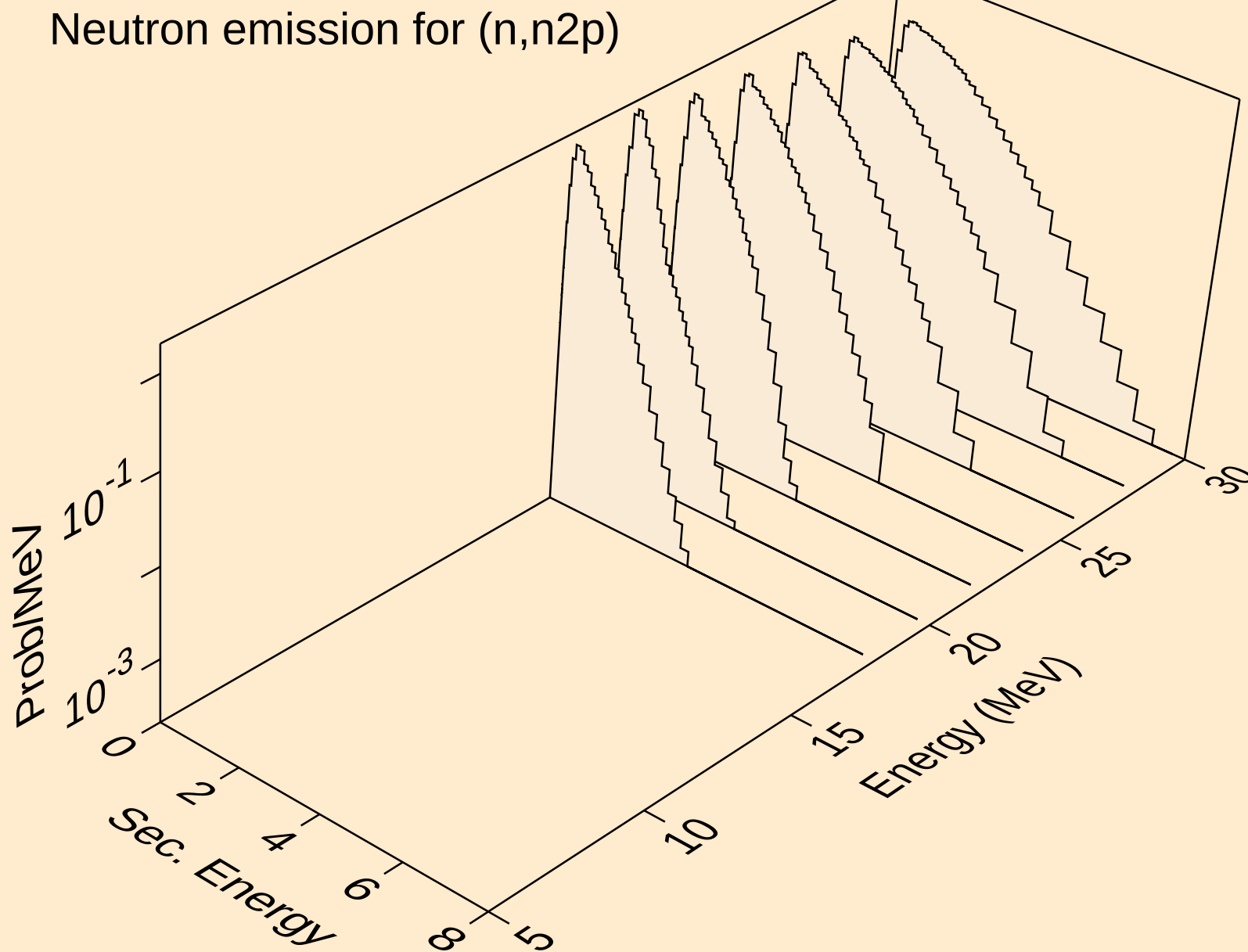


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)

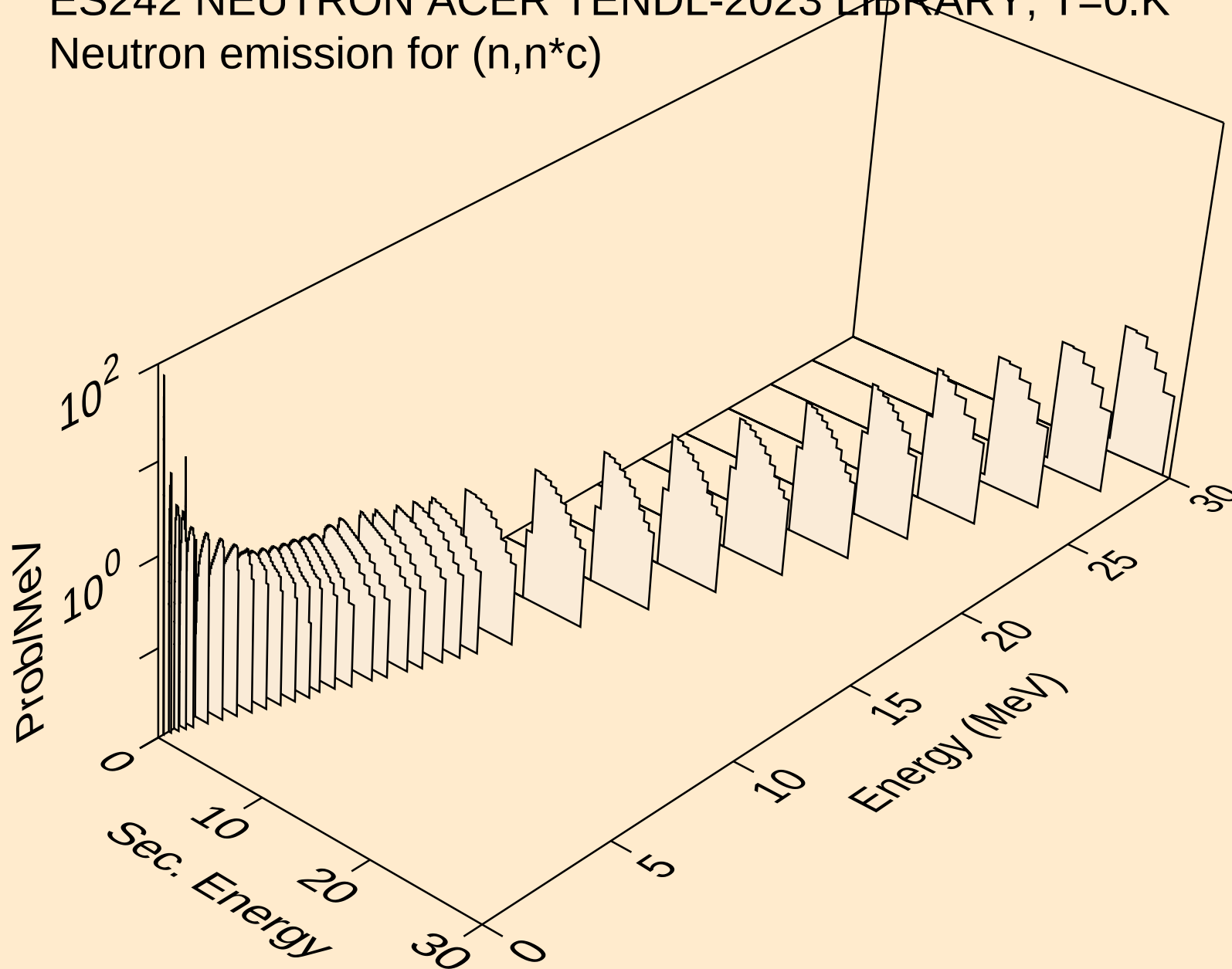


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Neutron emission for (n,n2p)

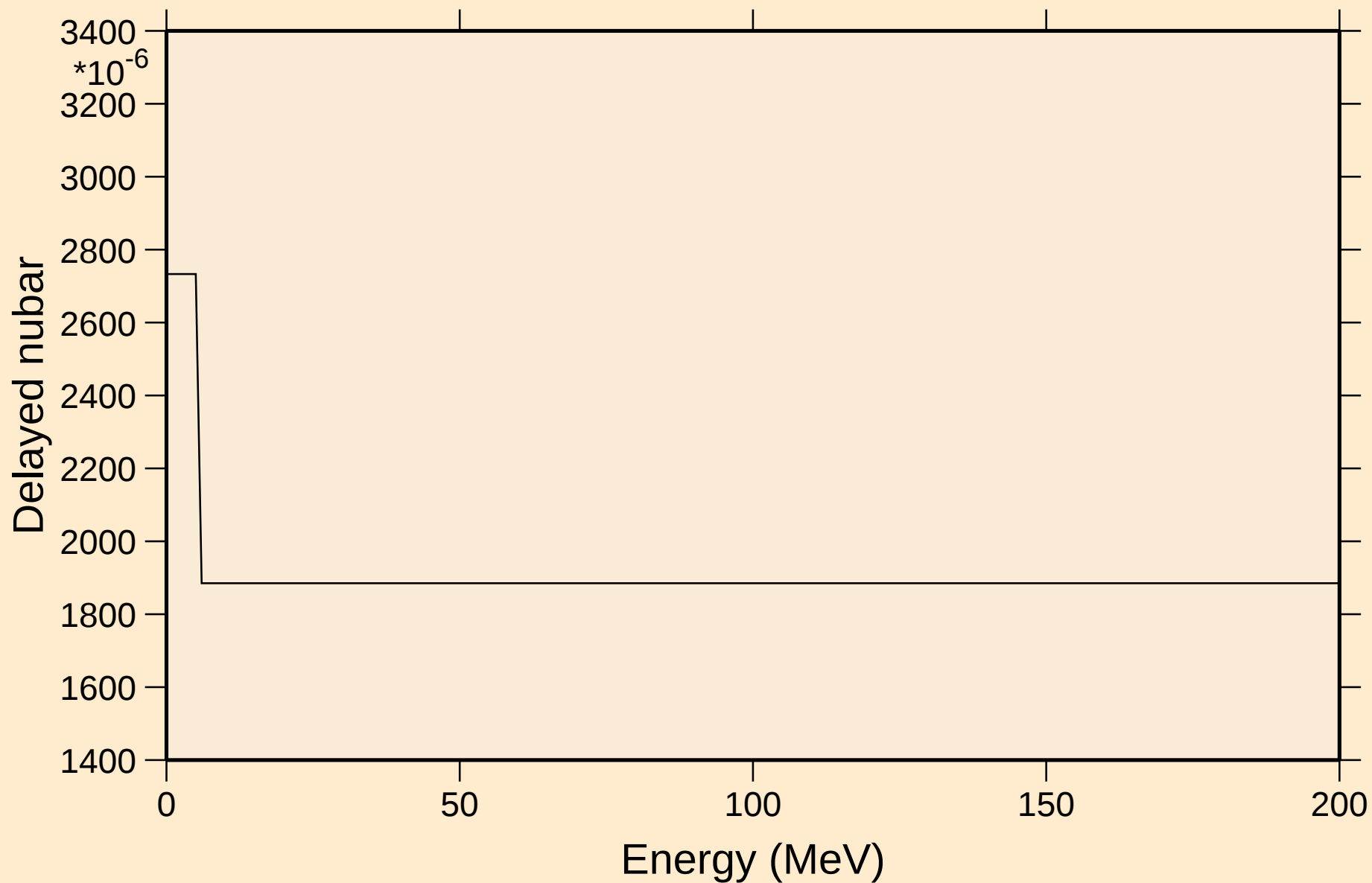


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



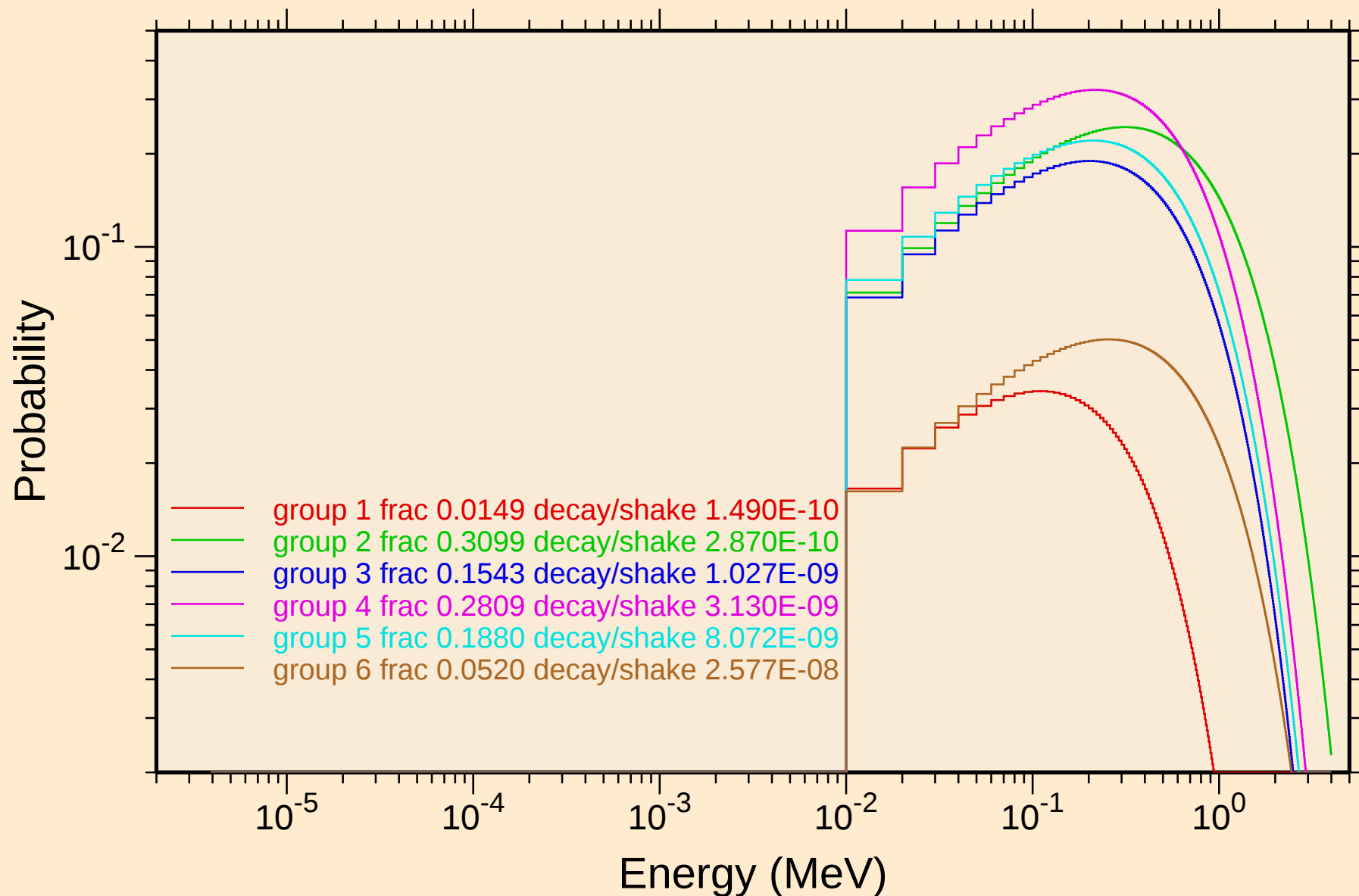
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Delayed nubar

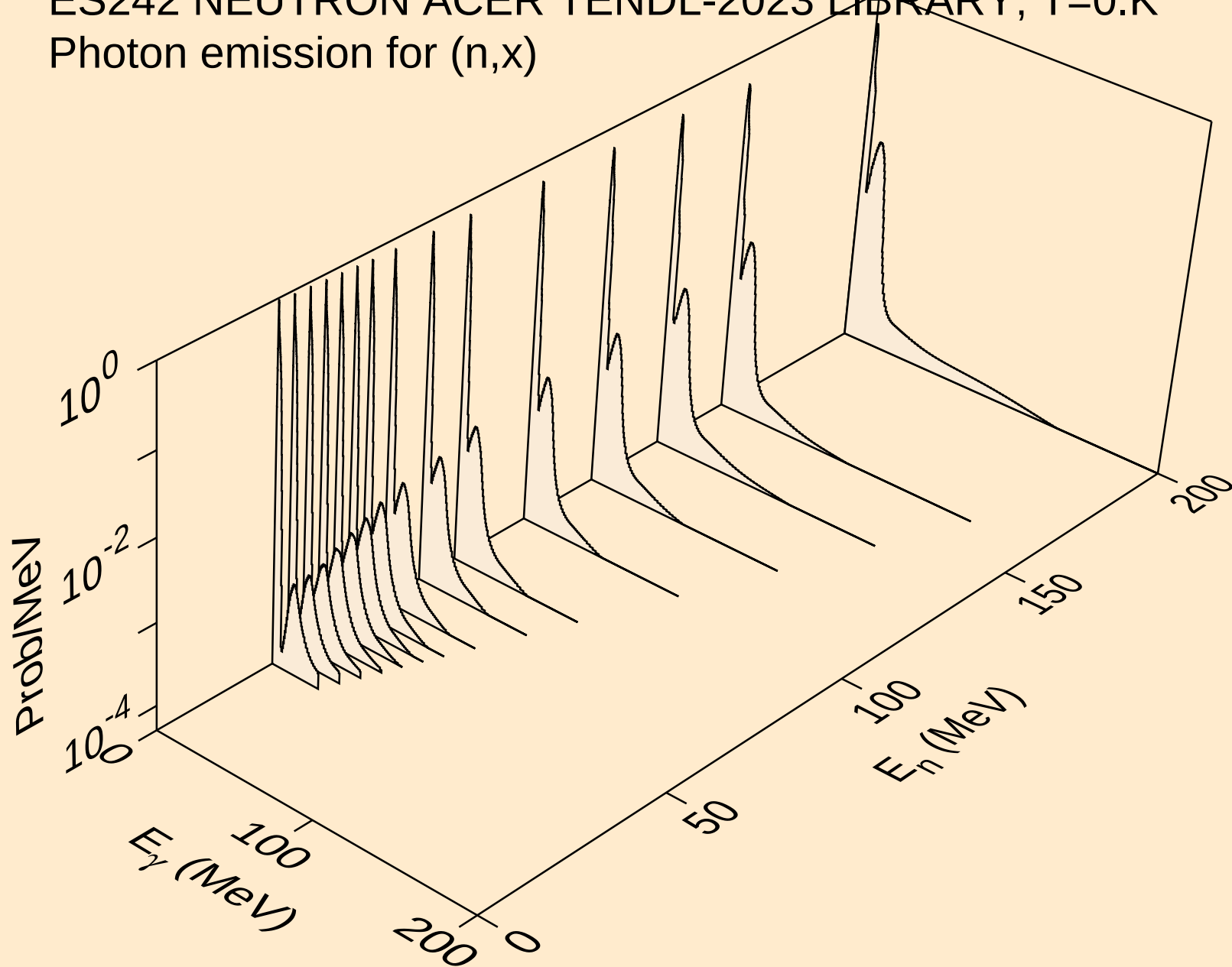


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

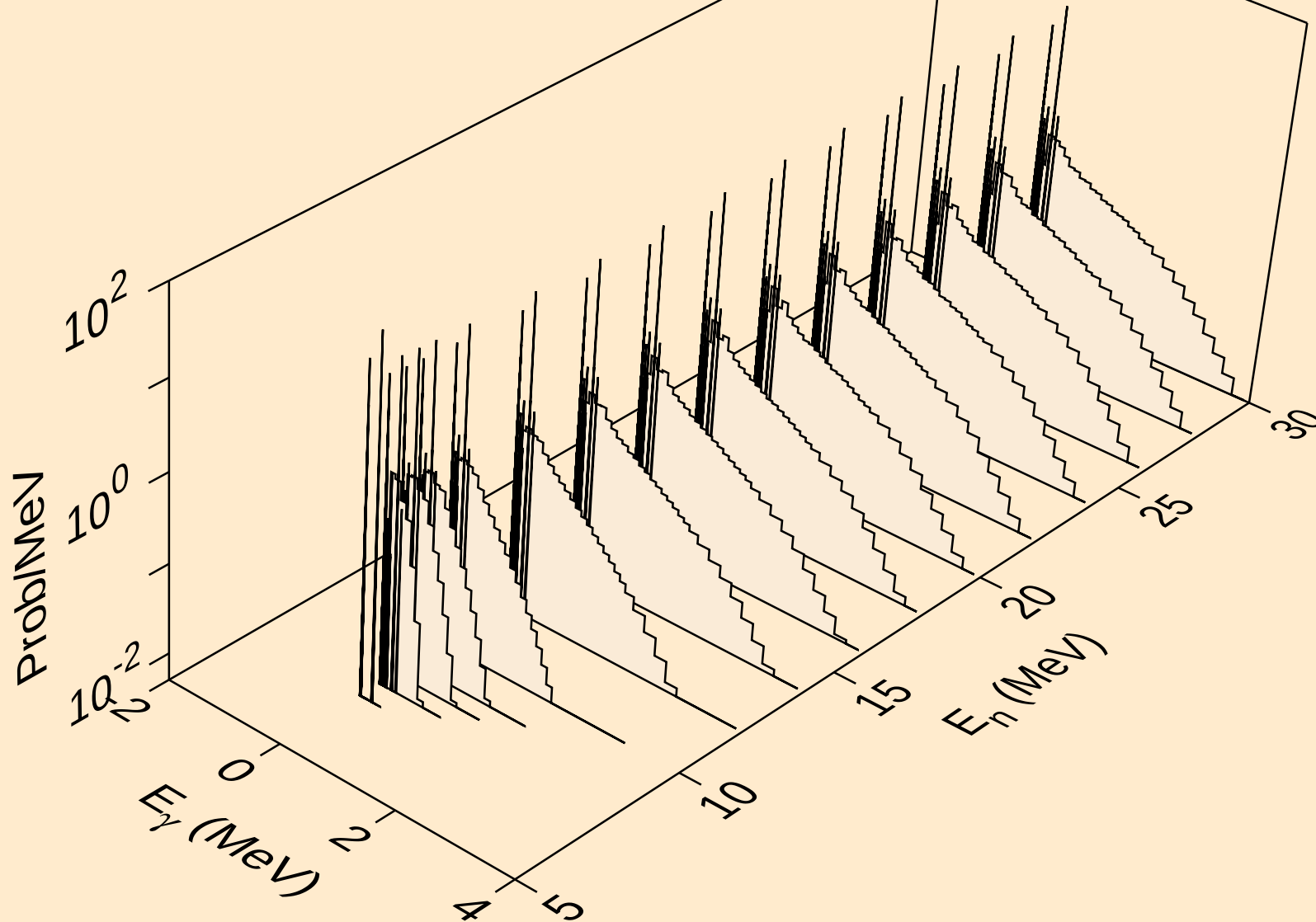
Delayed neutron spectra



ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)

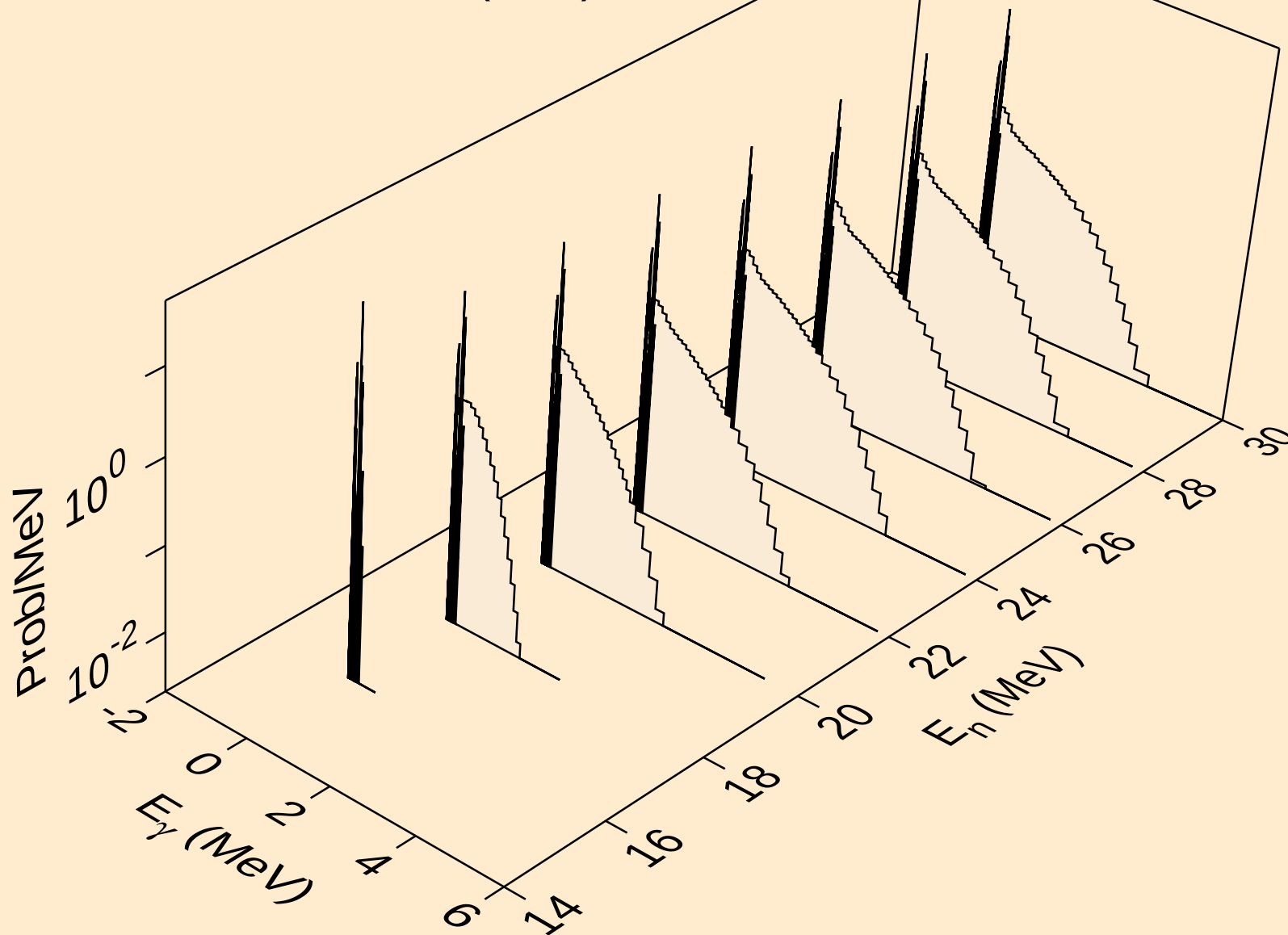


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



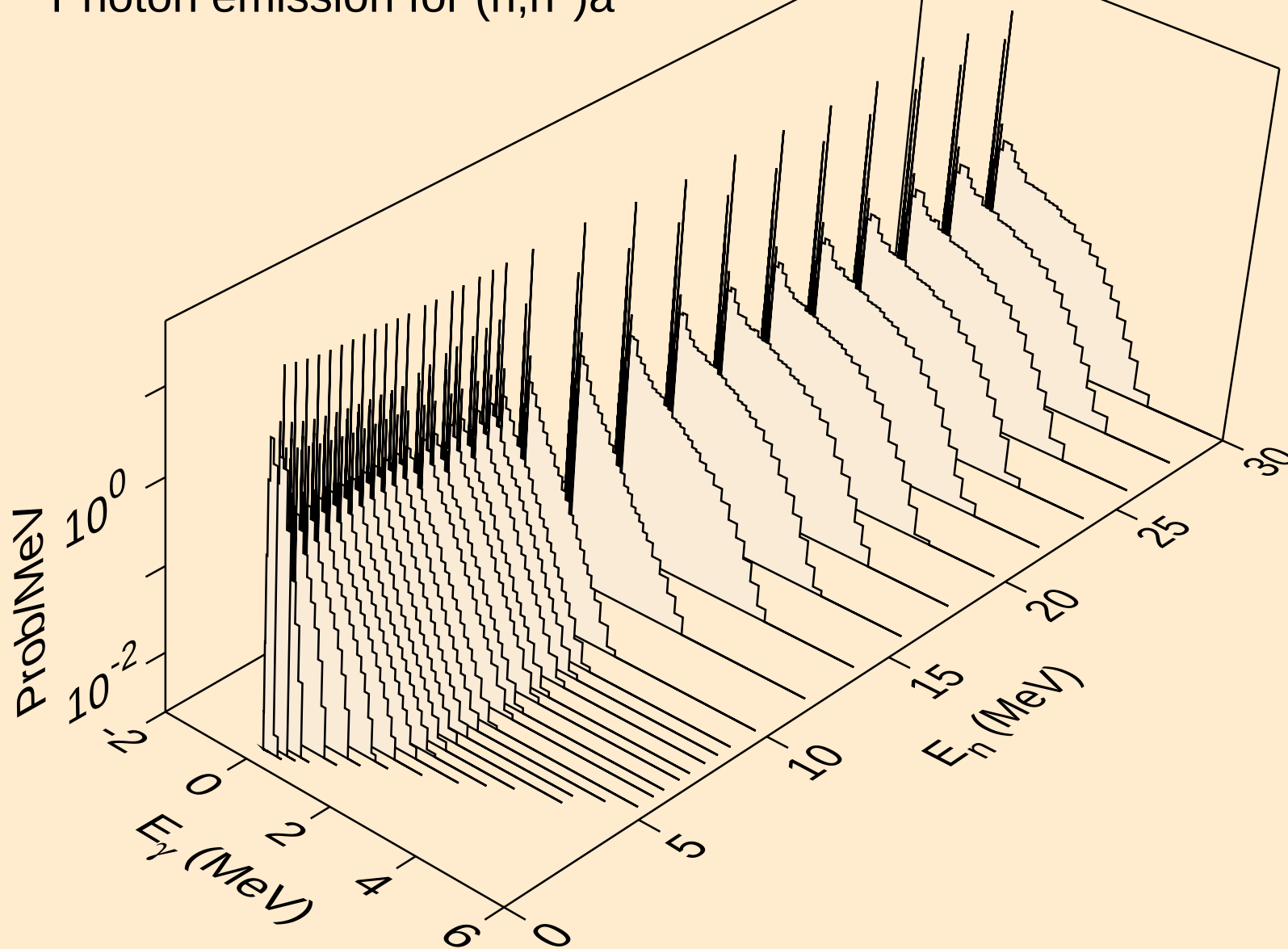
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n)



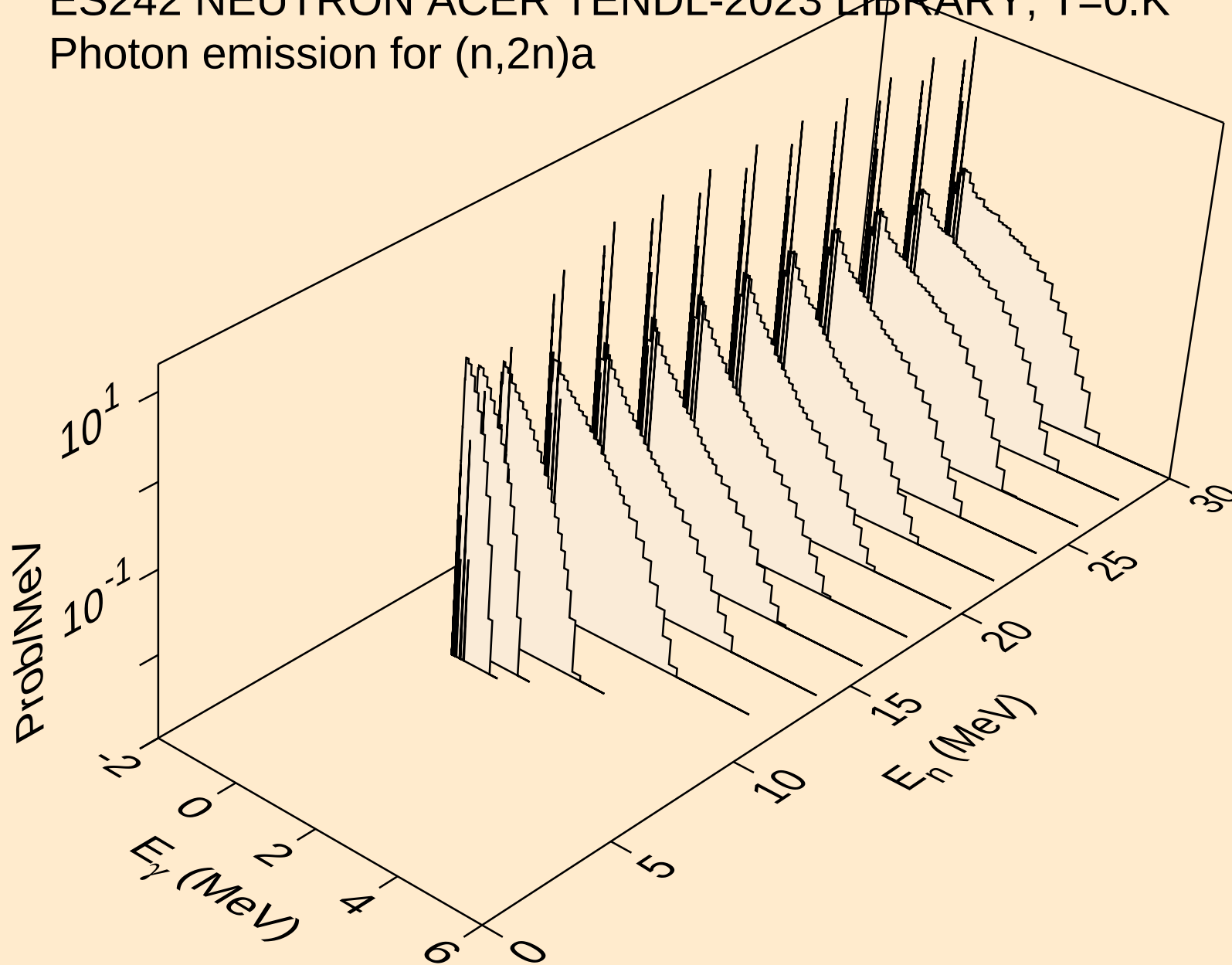
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



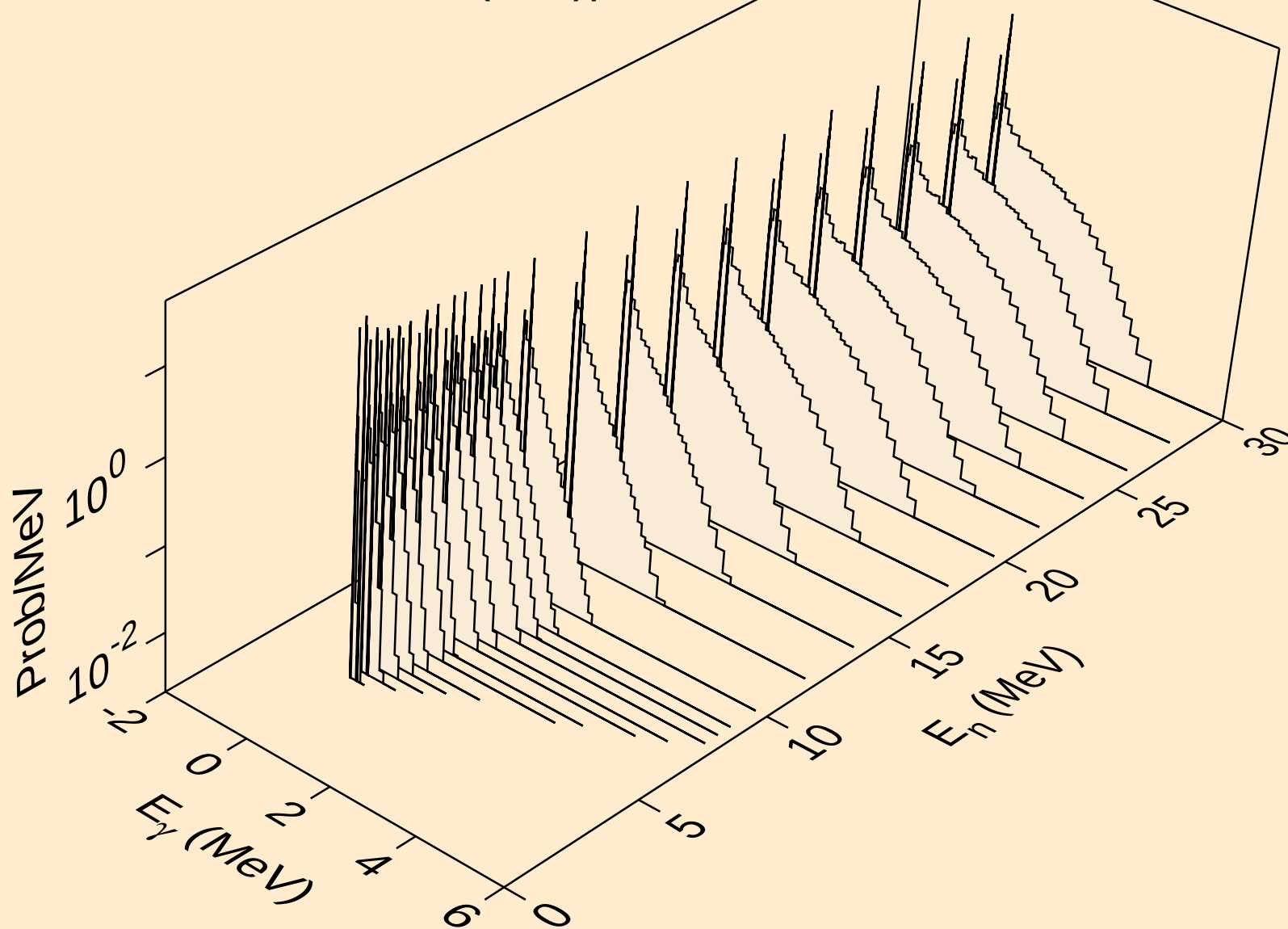
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



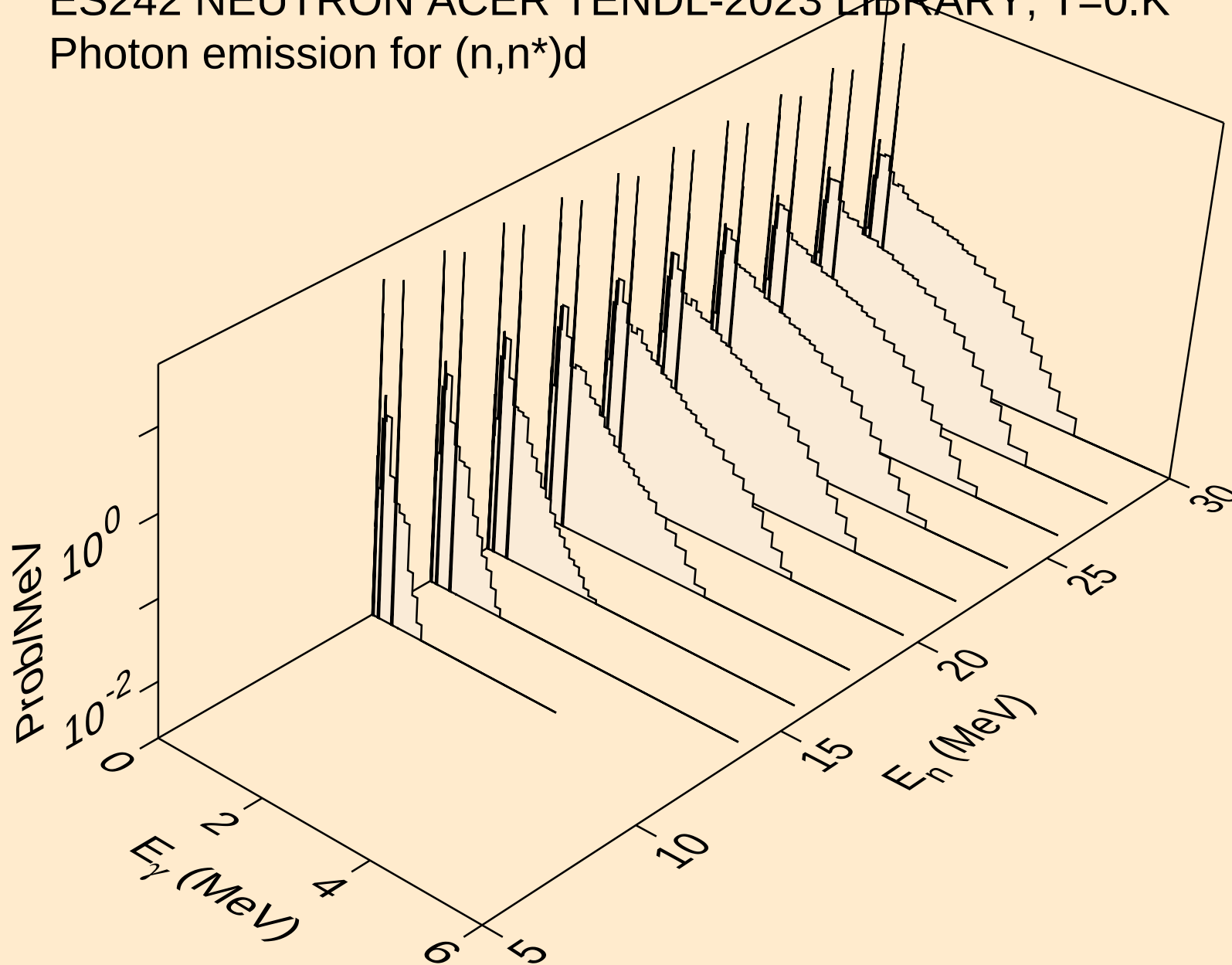
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



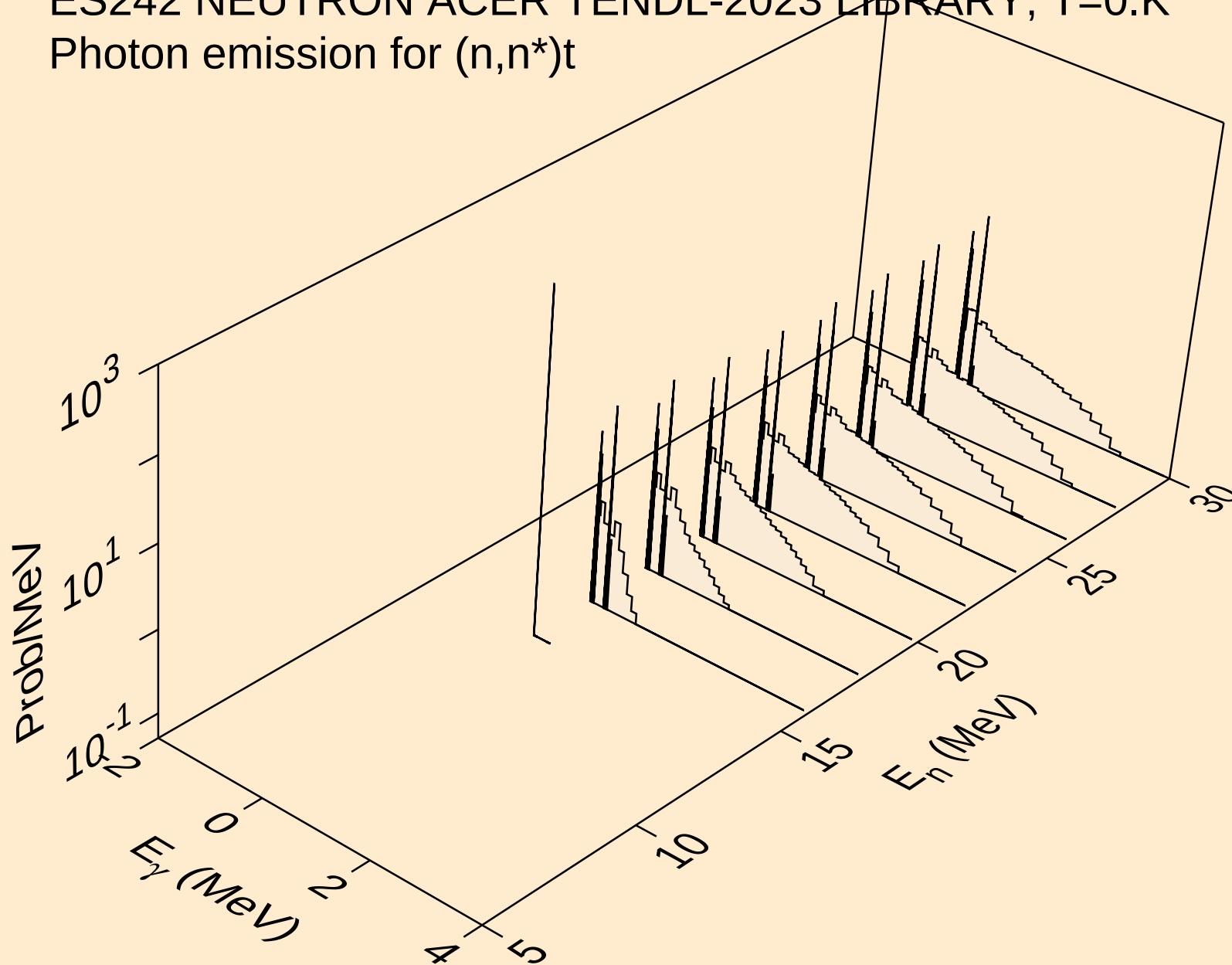
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d



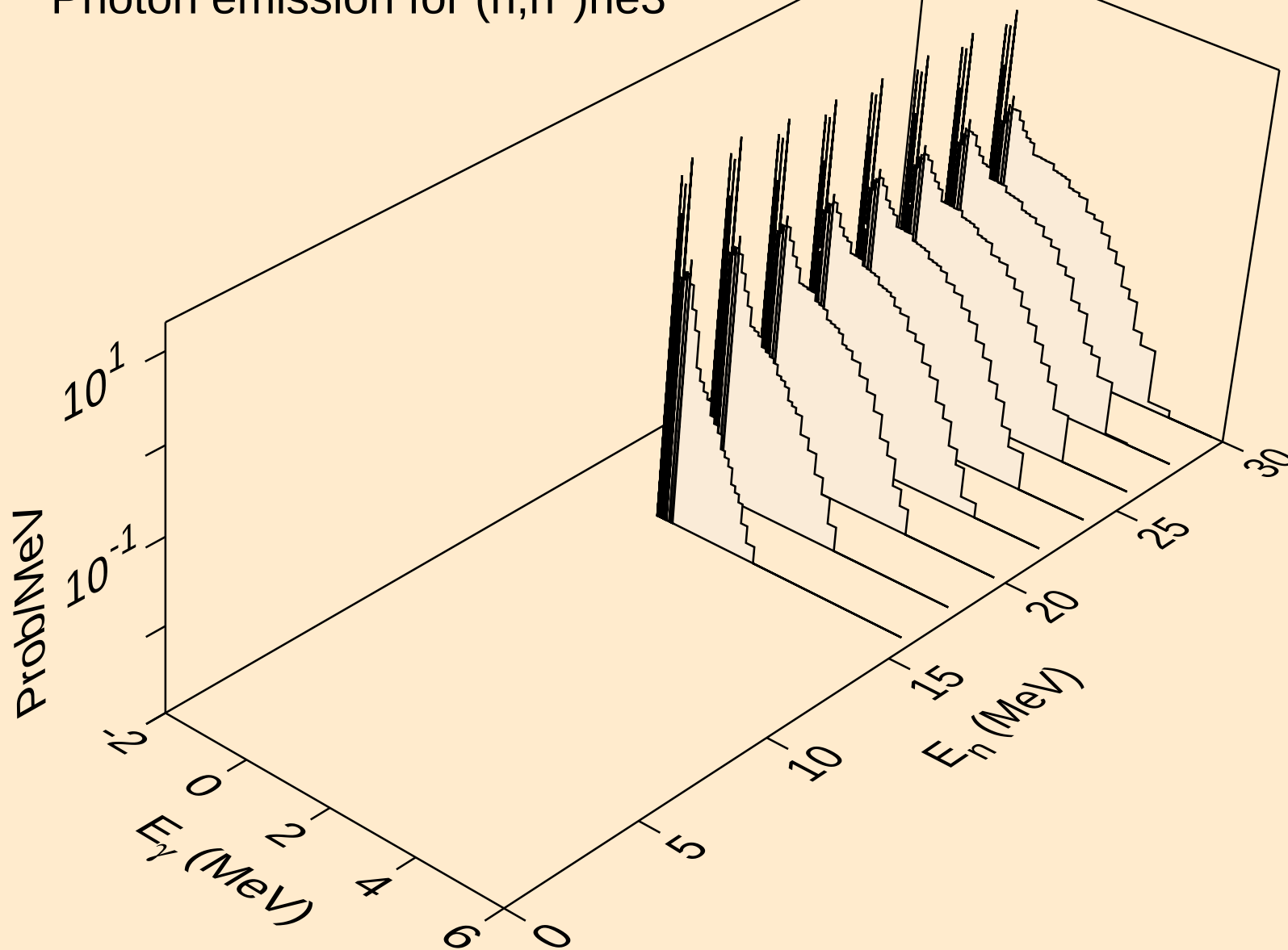
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)t

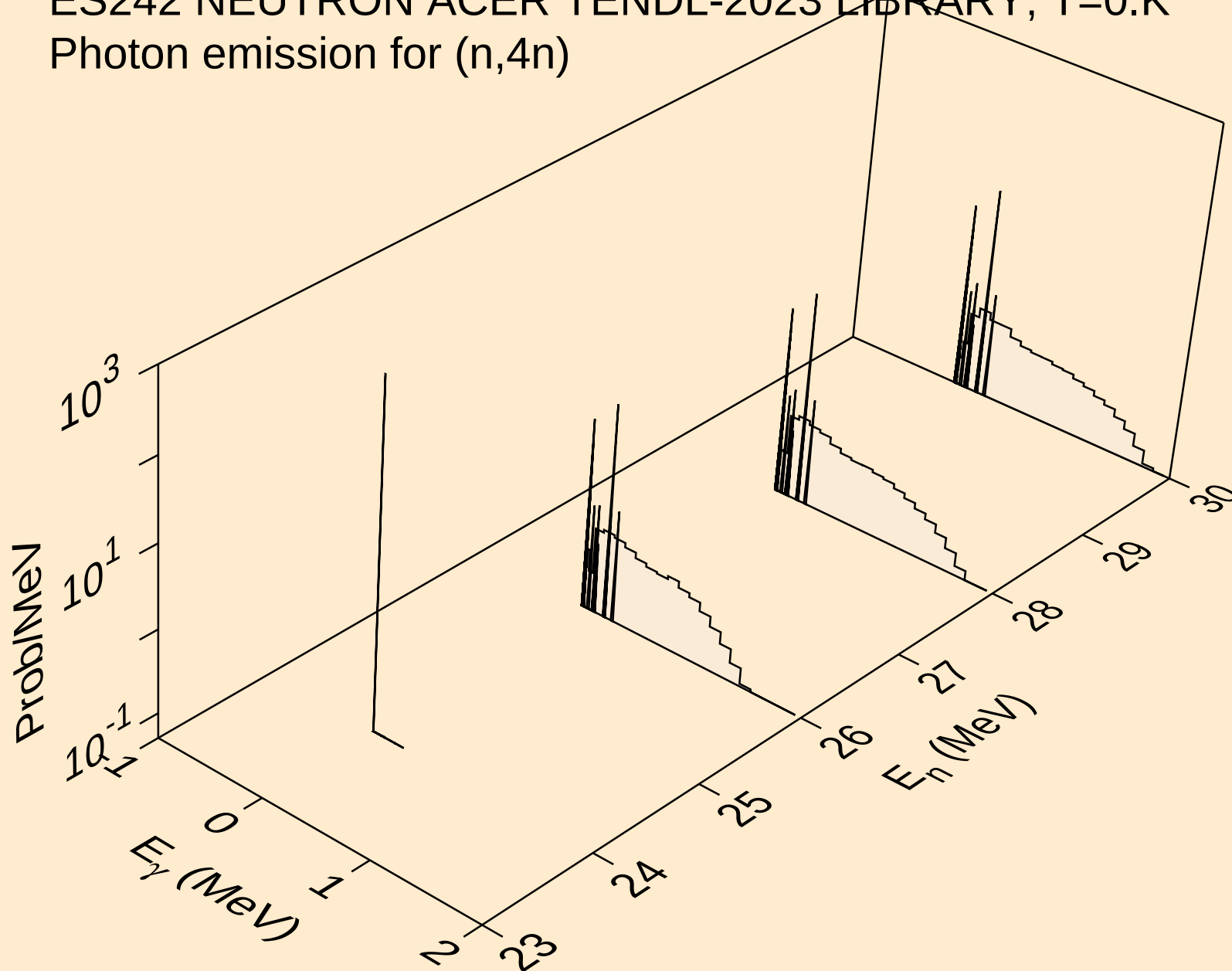


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)he3

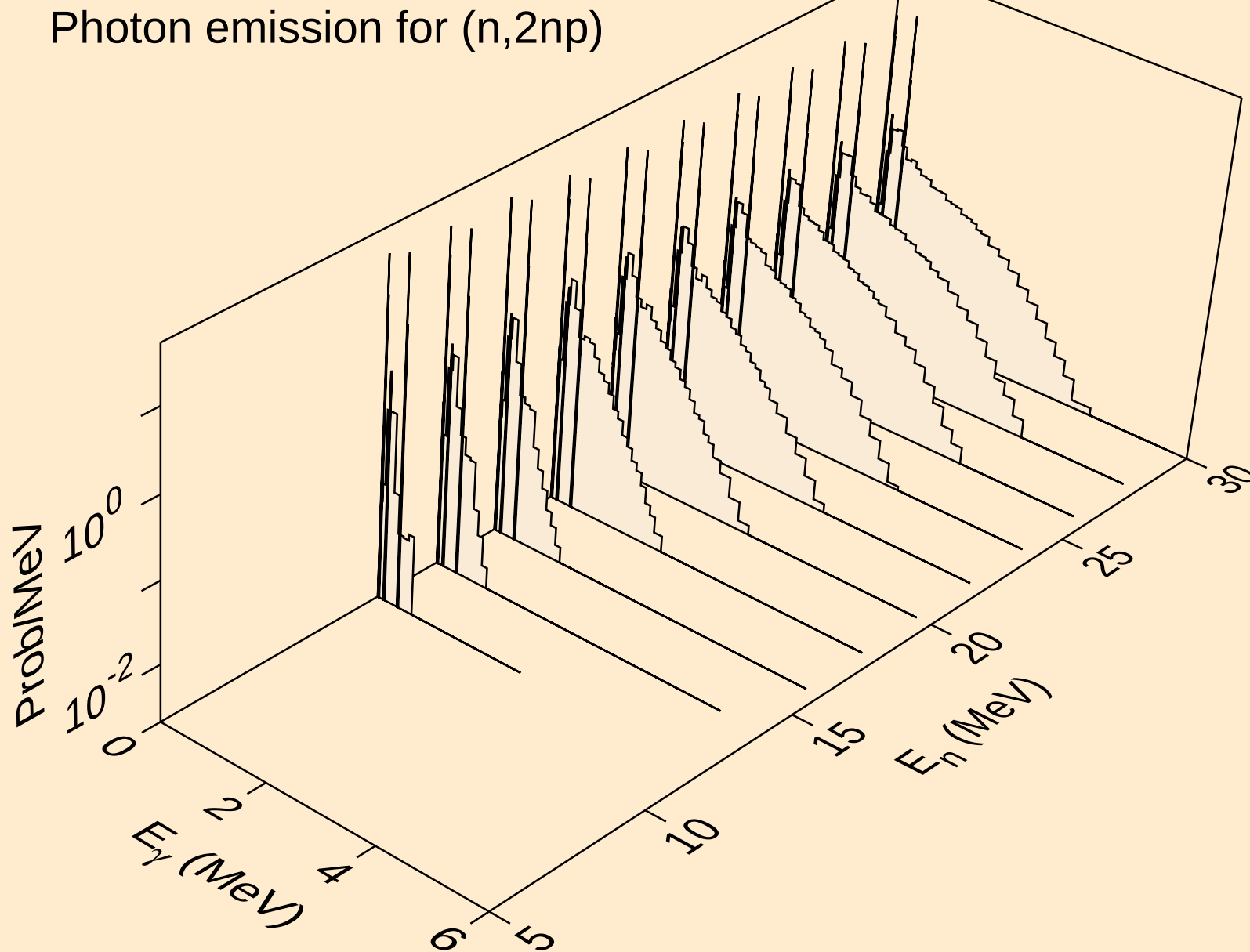


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



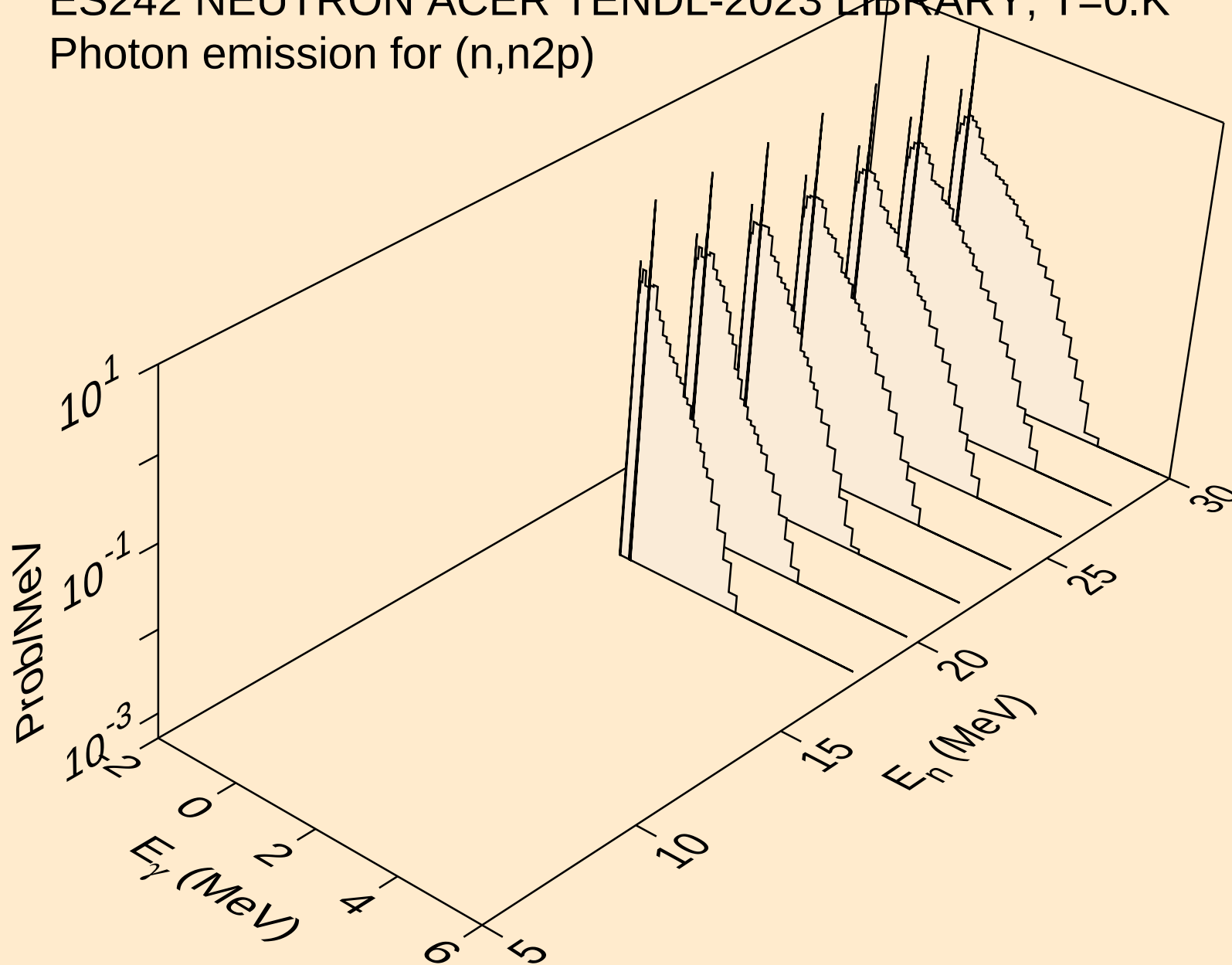
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2np)

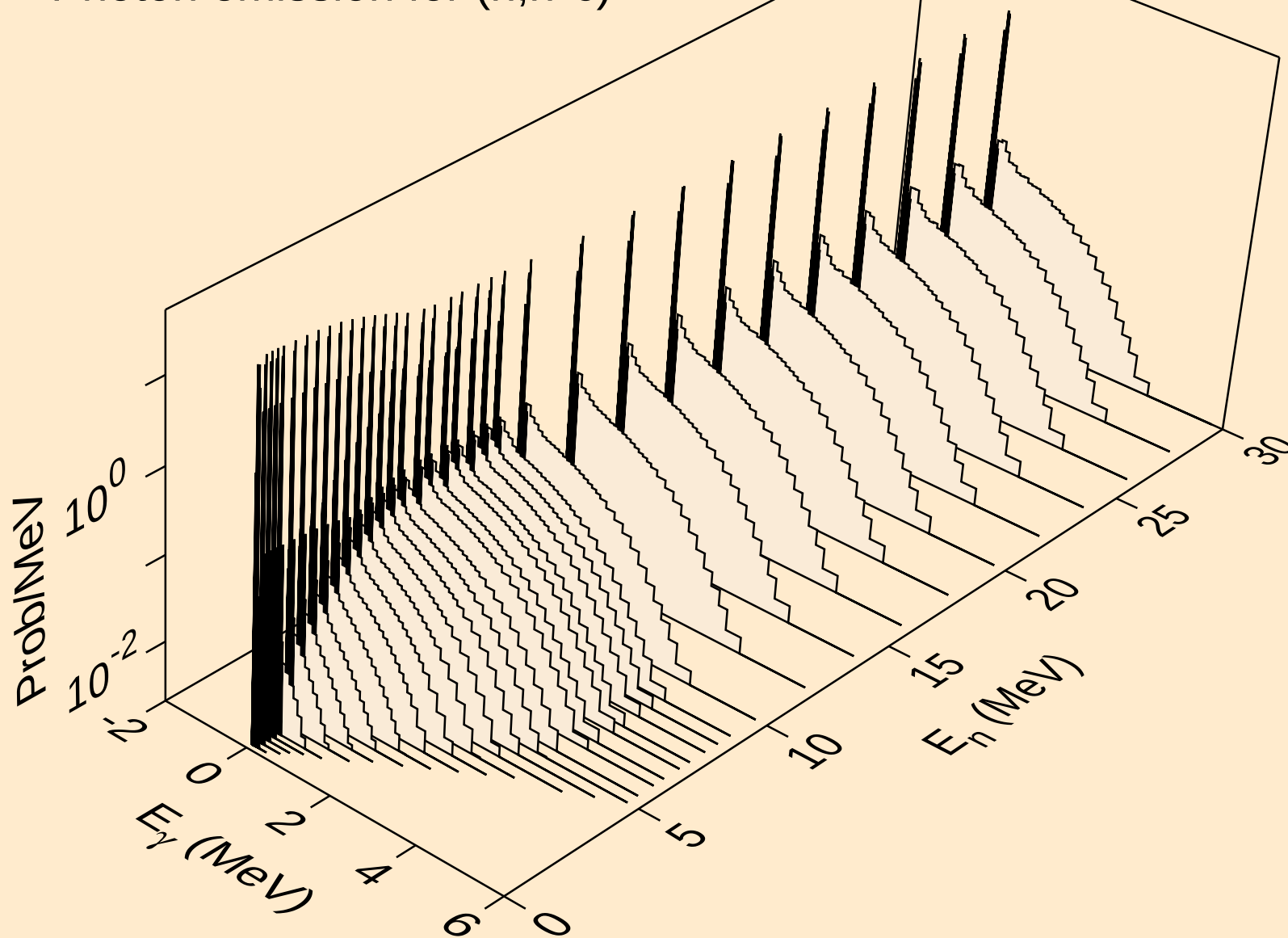


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

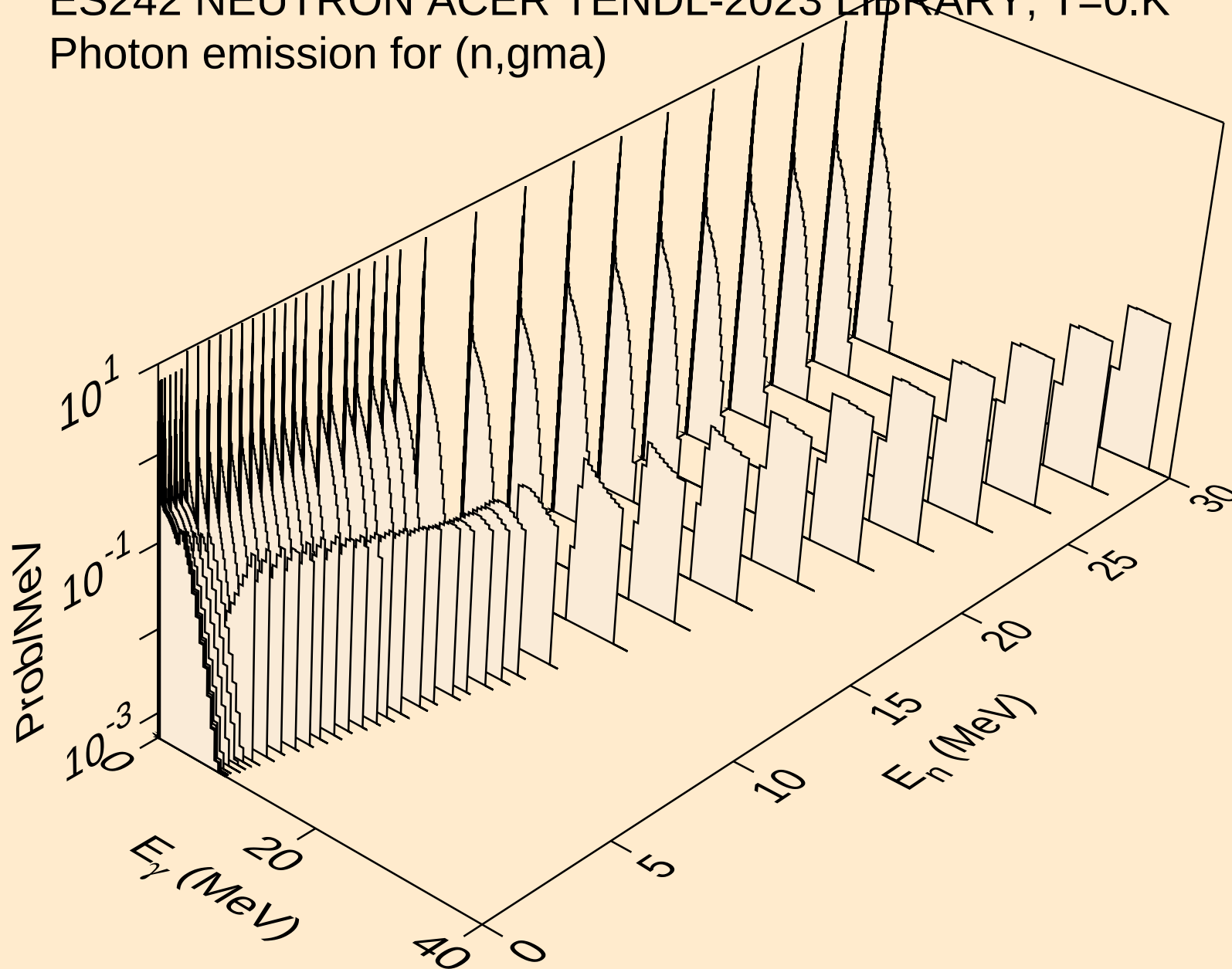
Photon emission for (n,n2p)



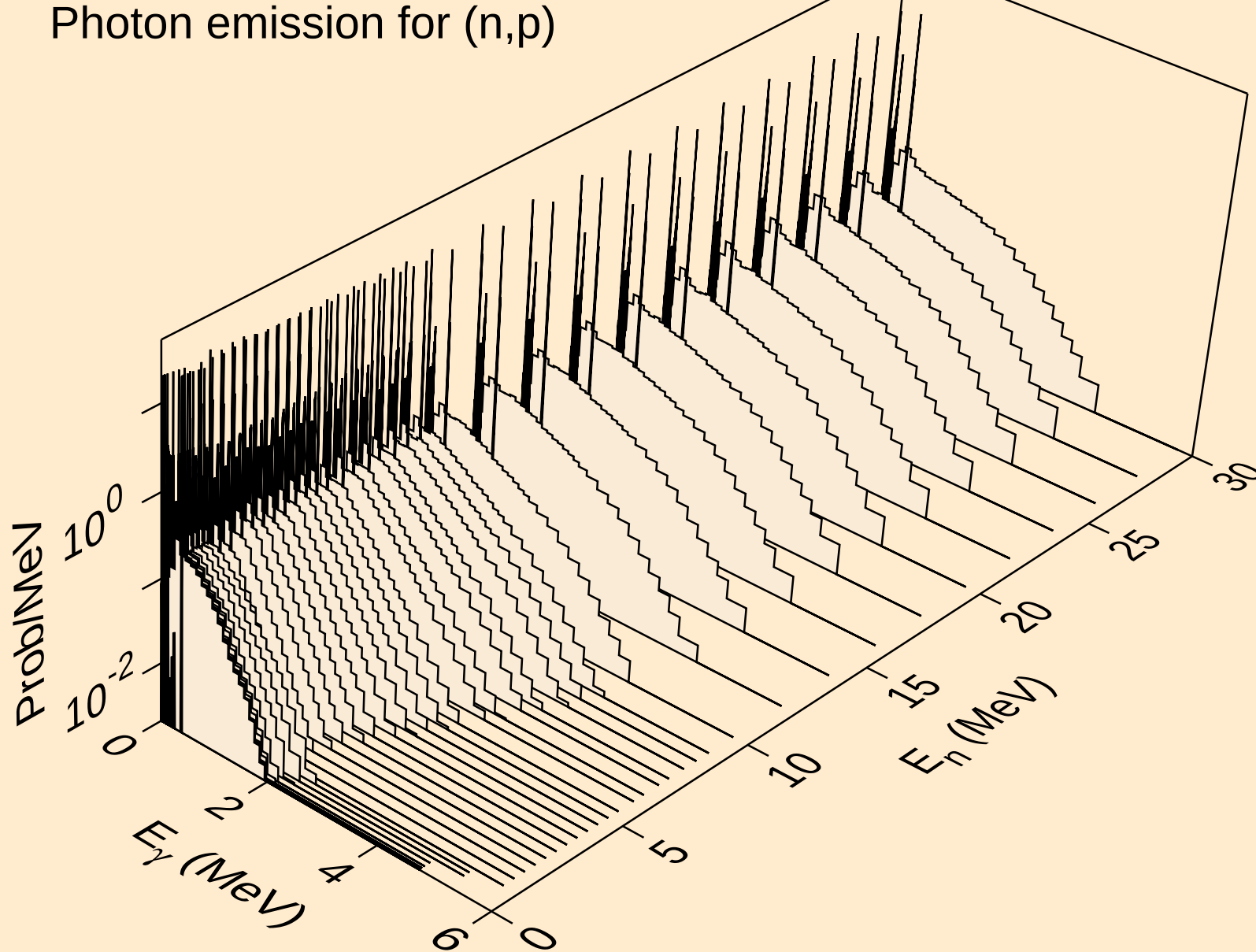
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



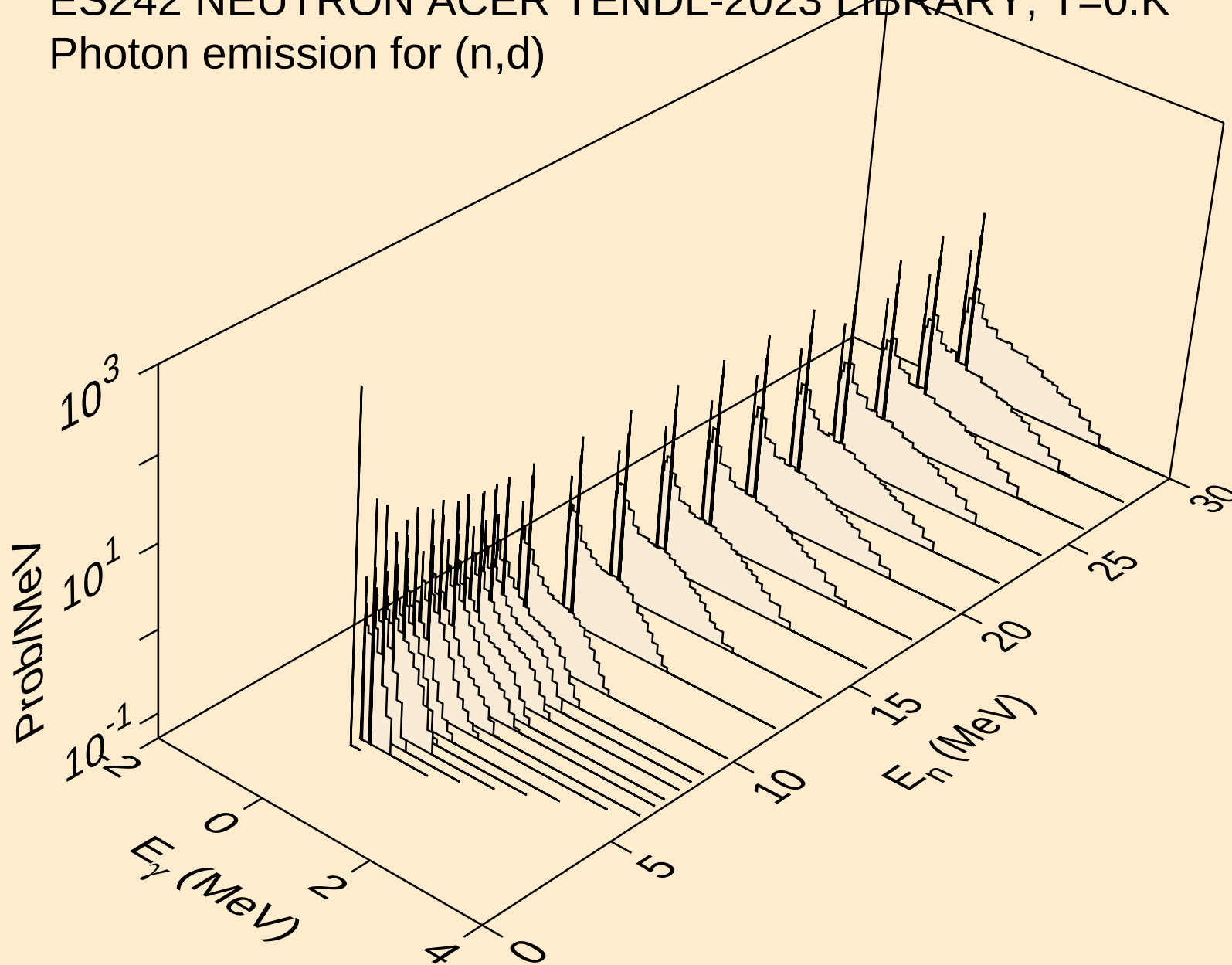
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



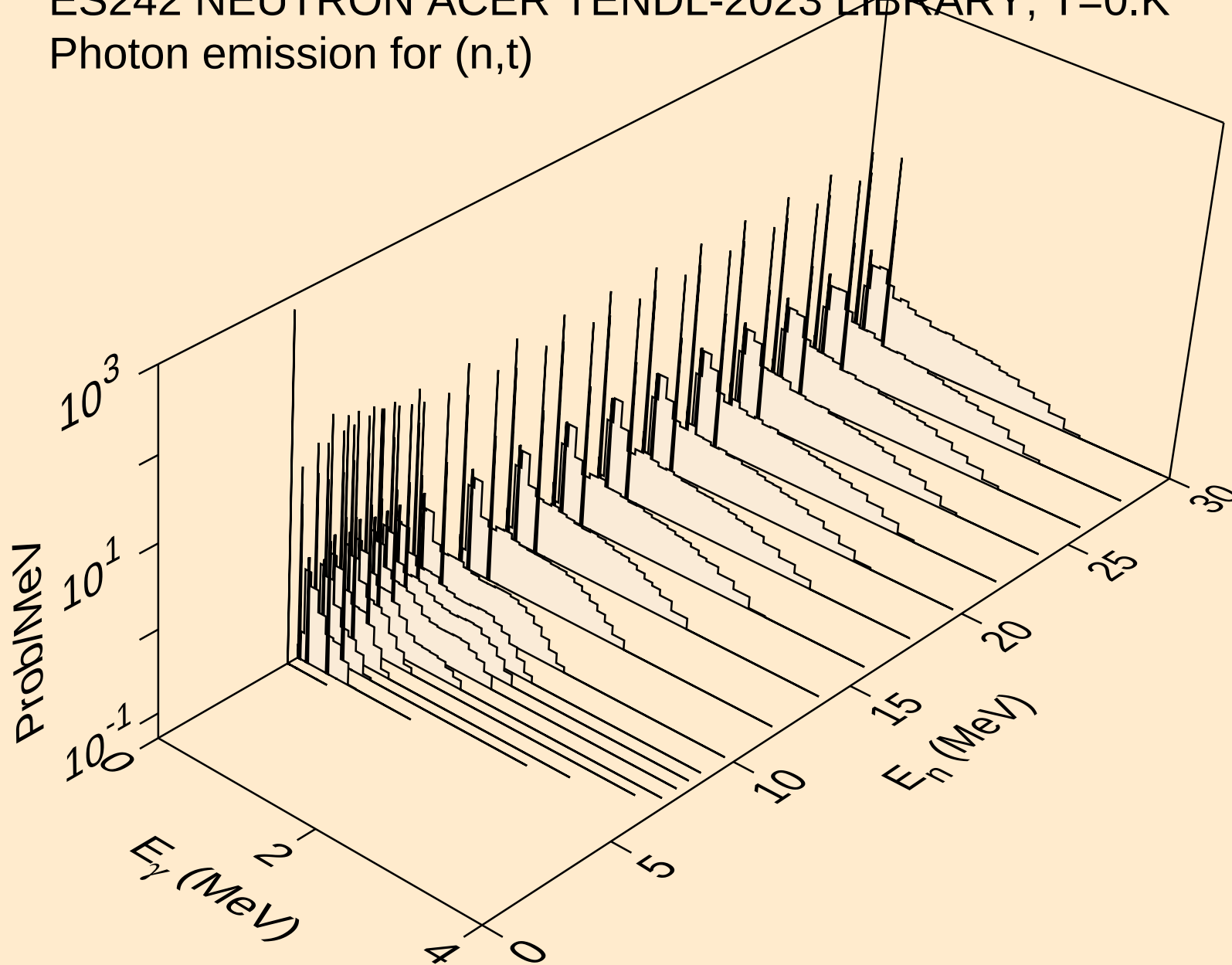
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



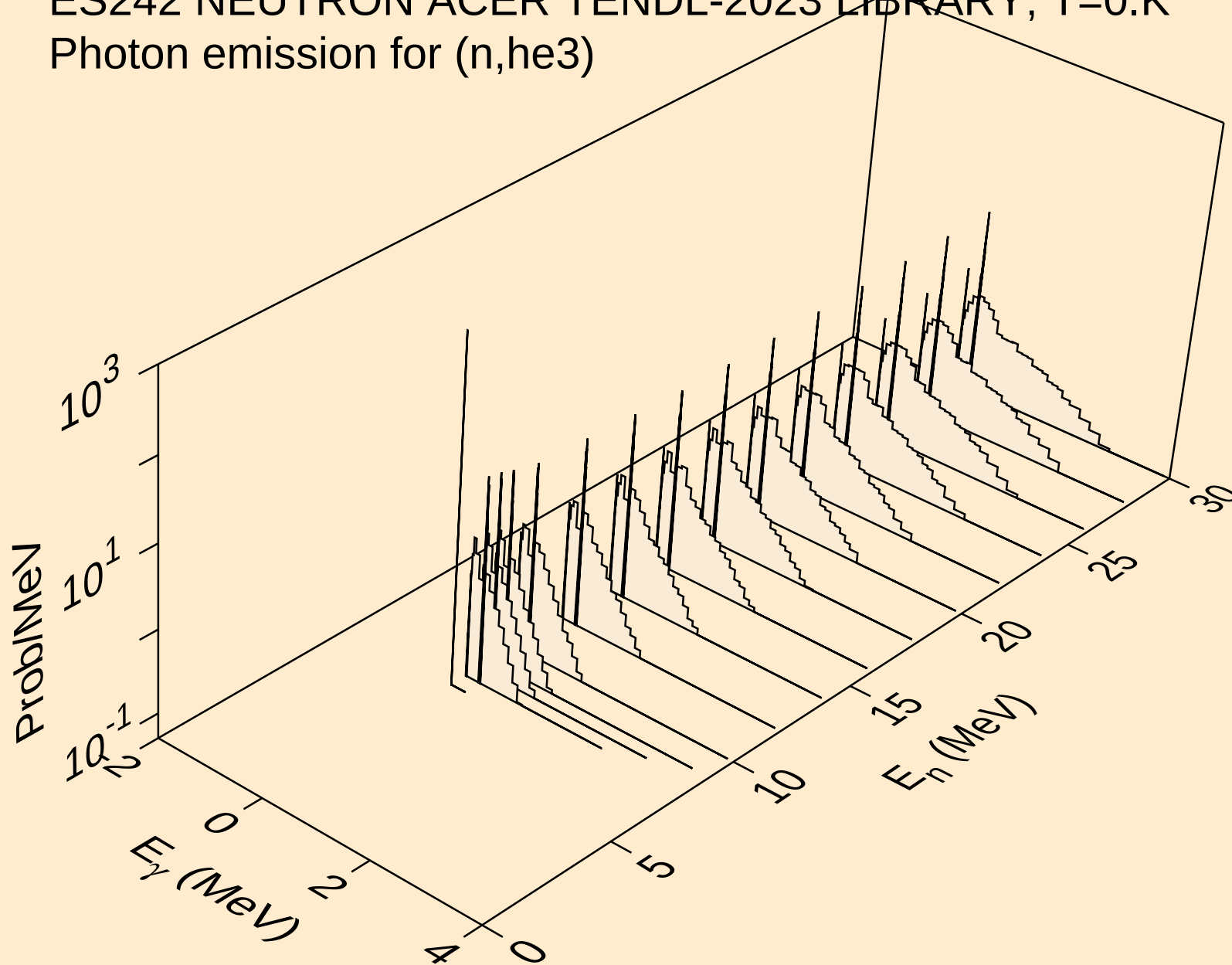
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



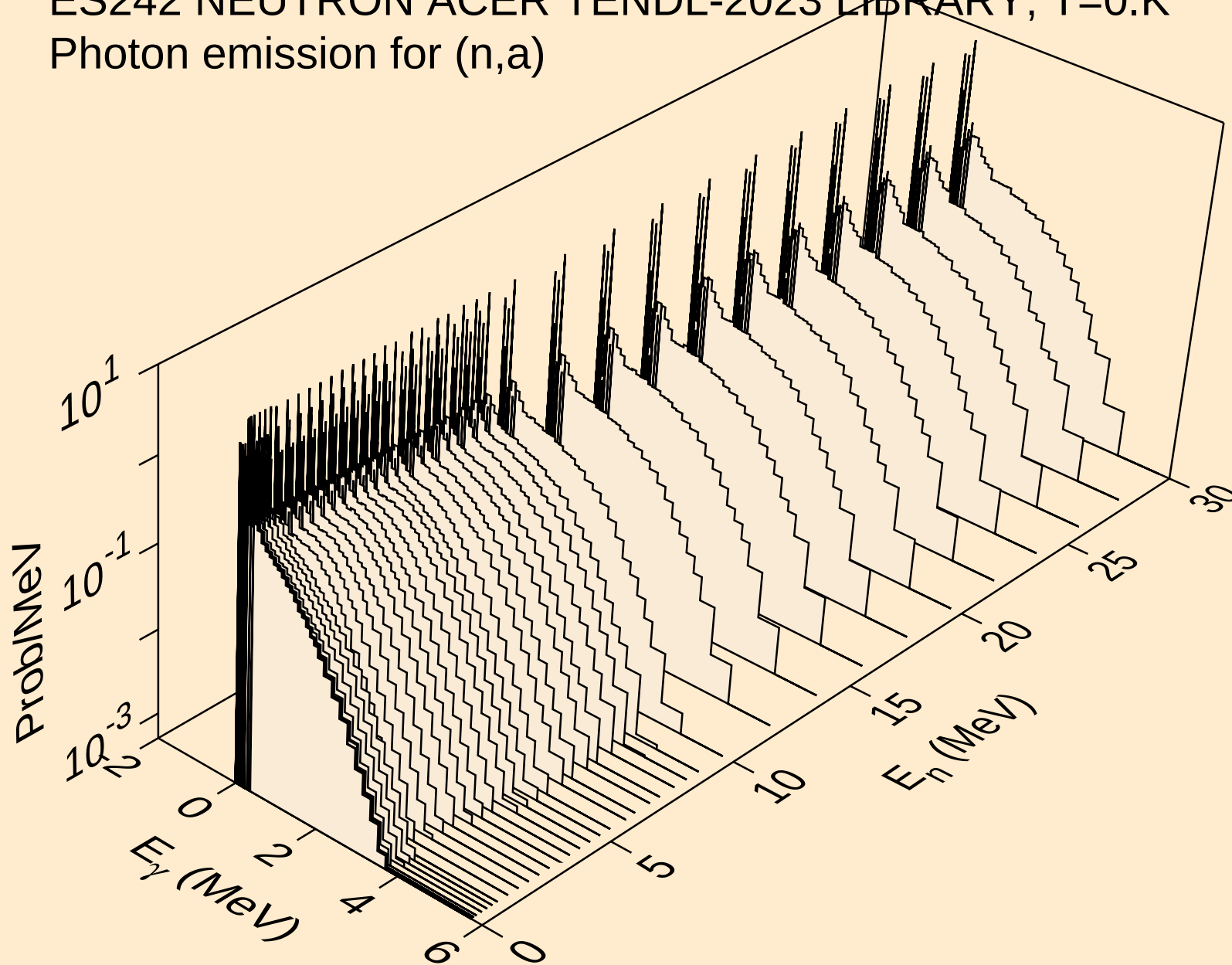
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



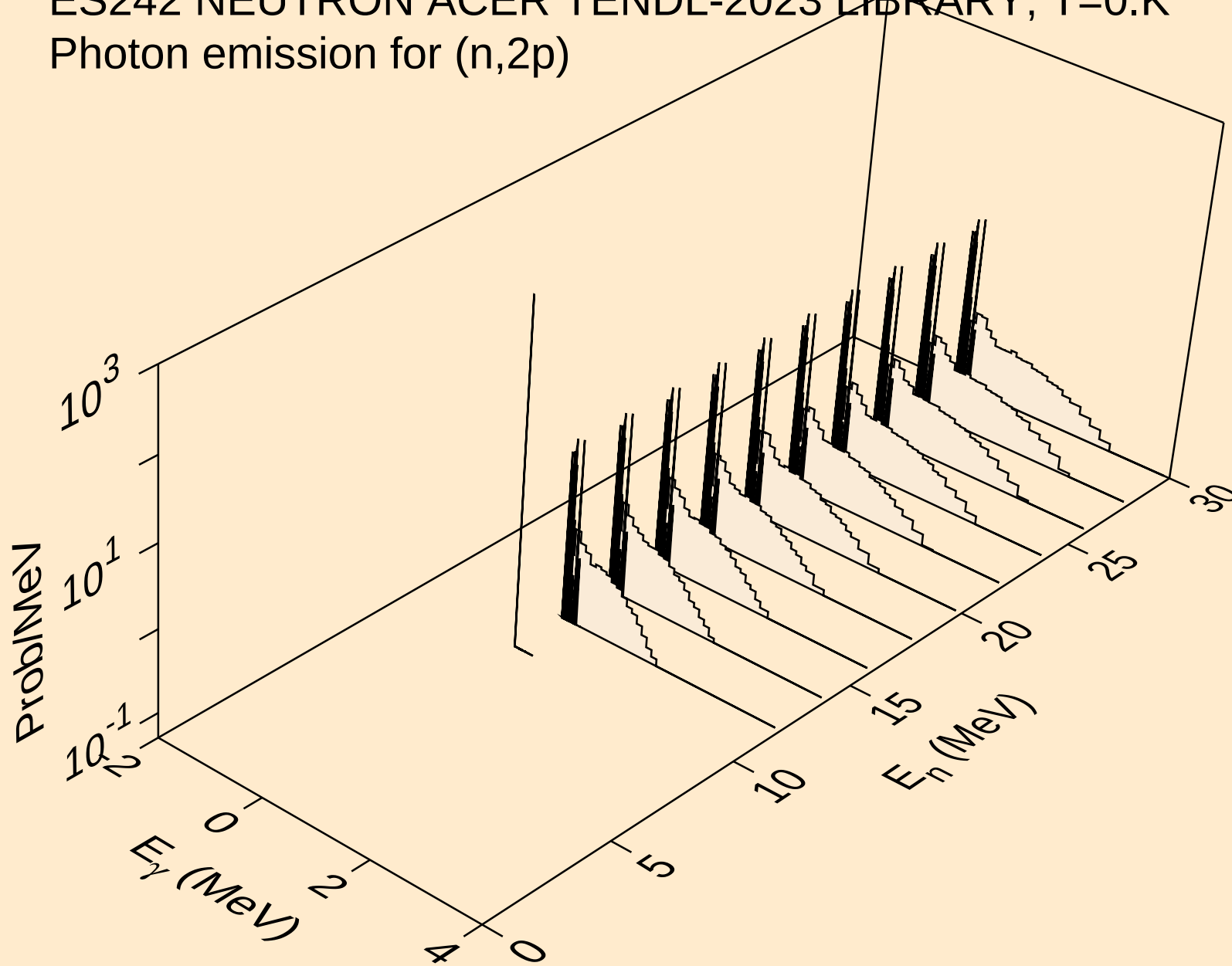
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



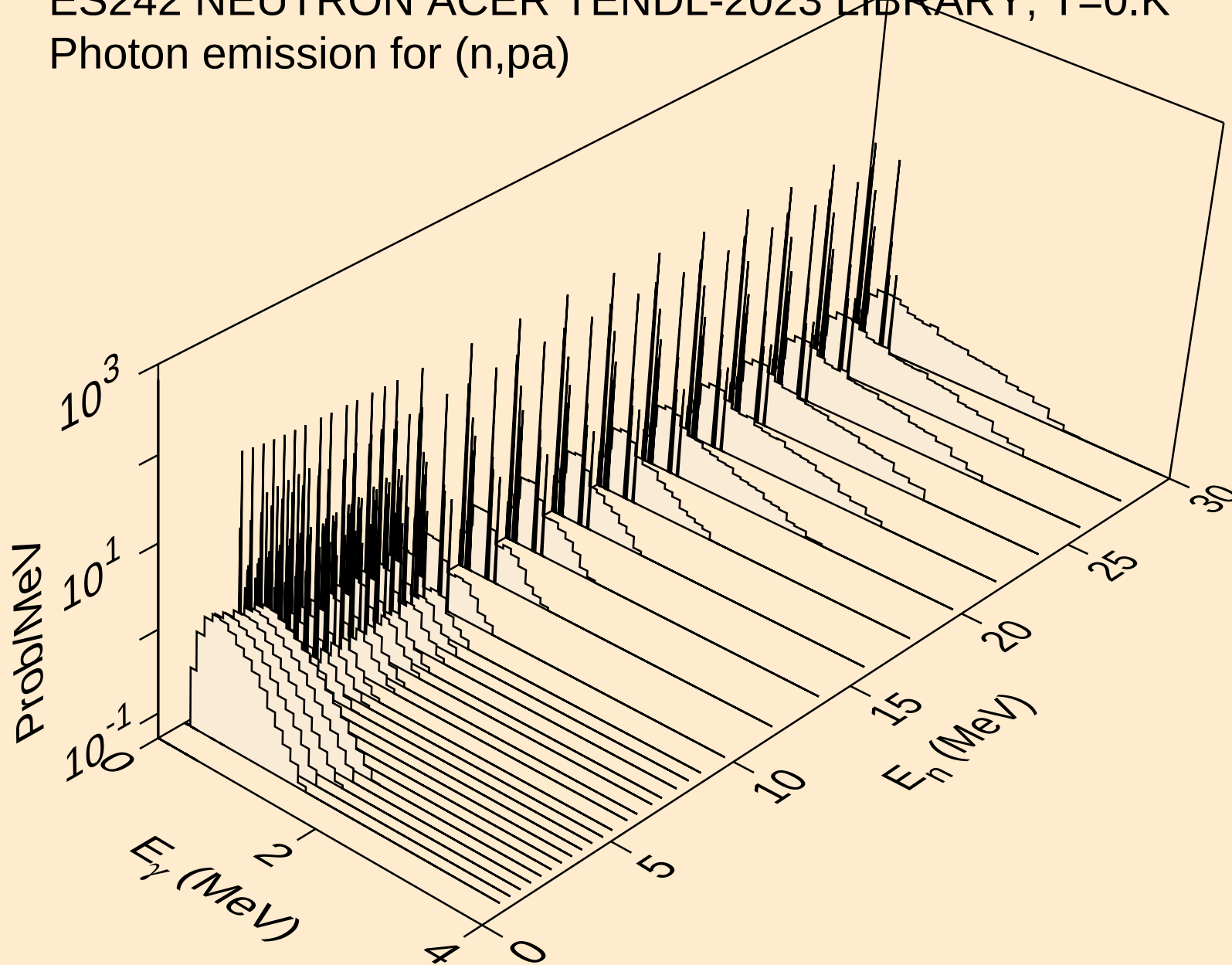
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)

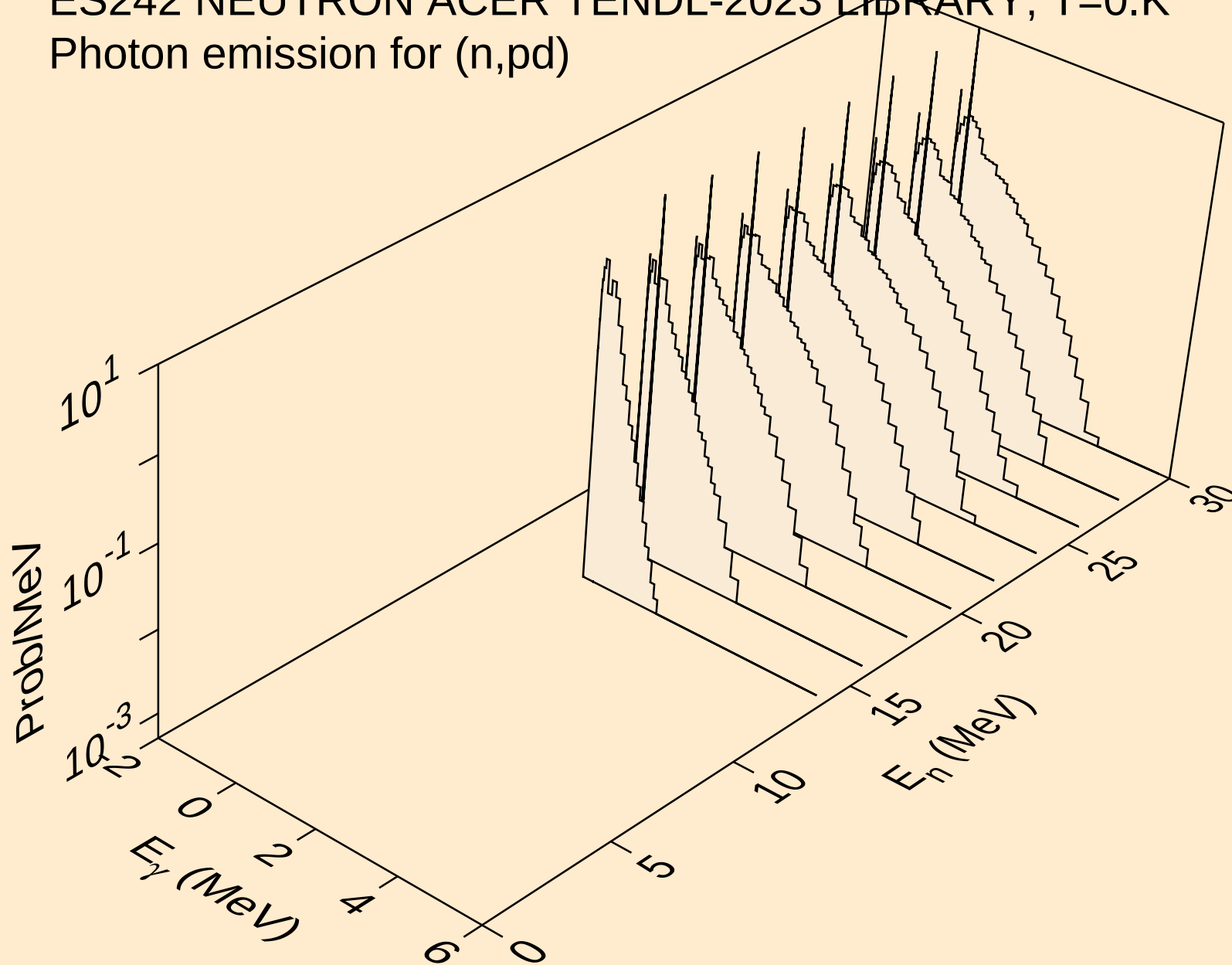


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)

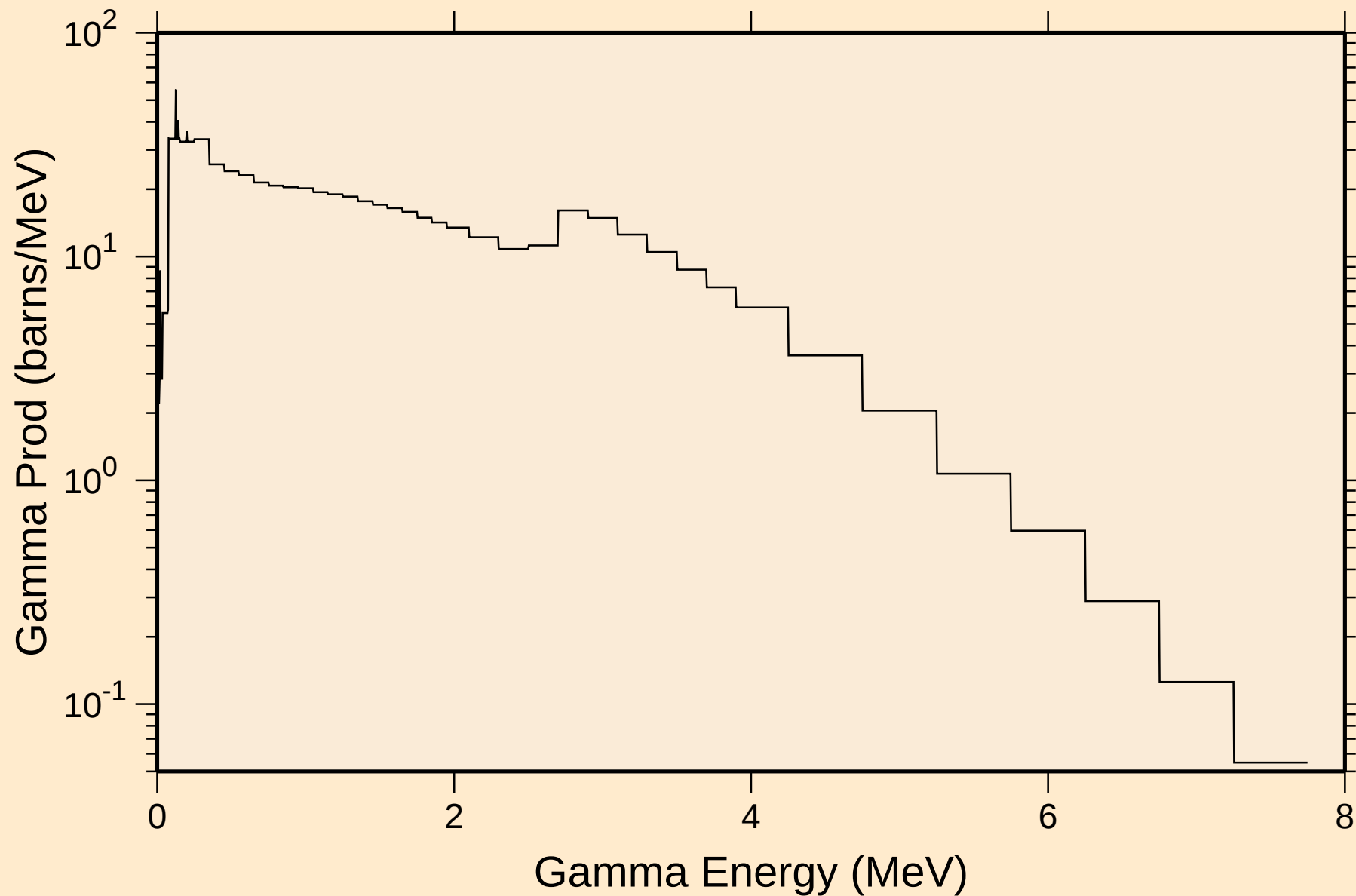


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

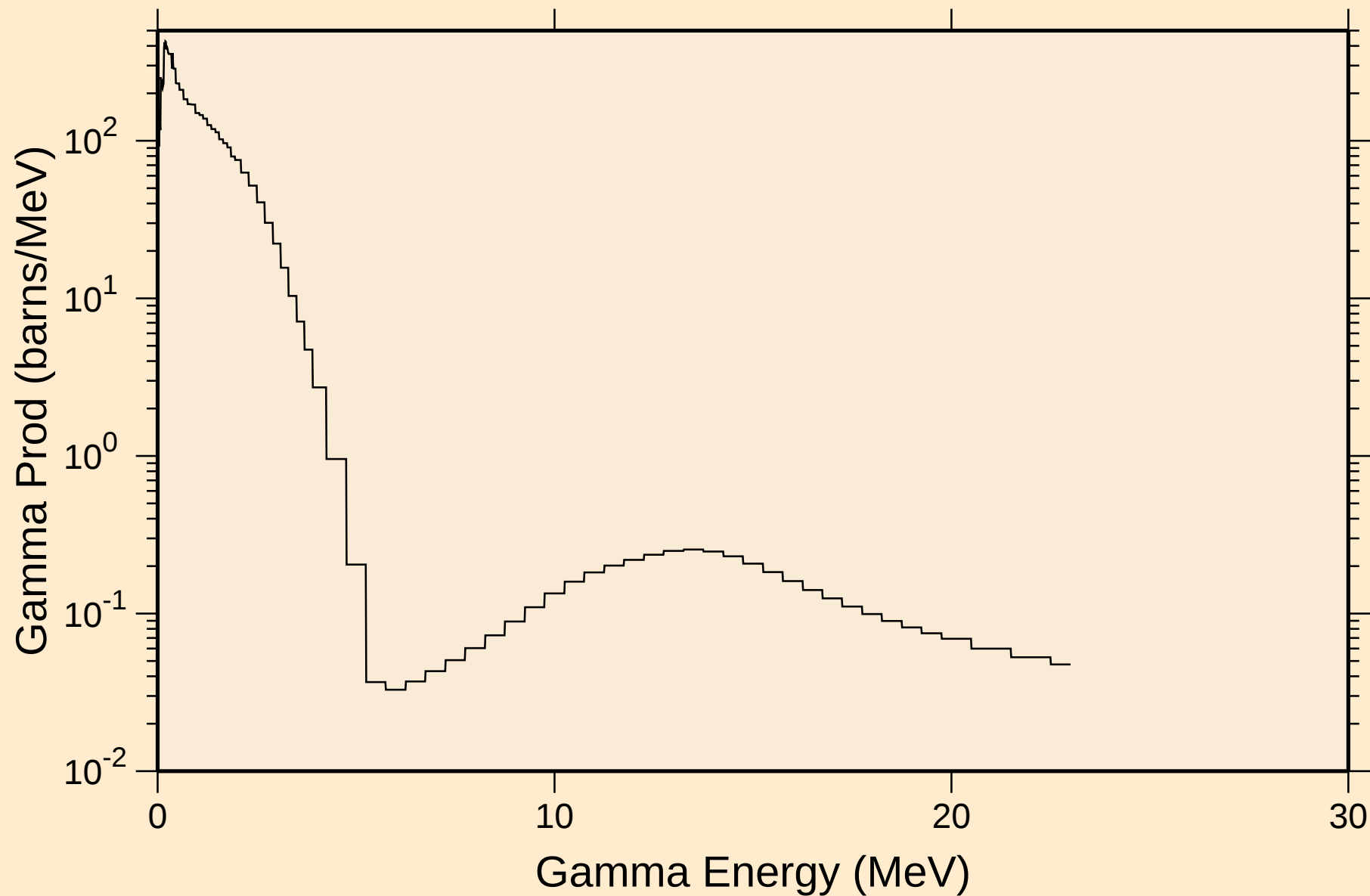
Photon emission for (n,pd)



ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

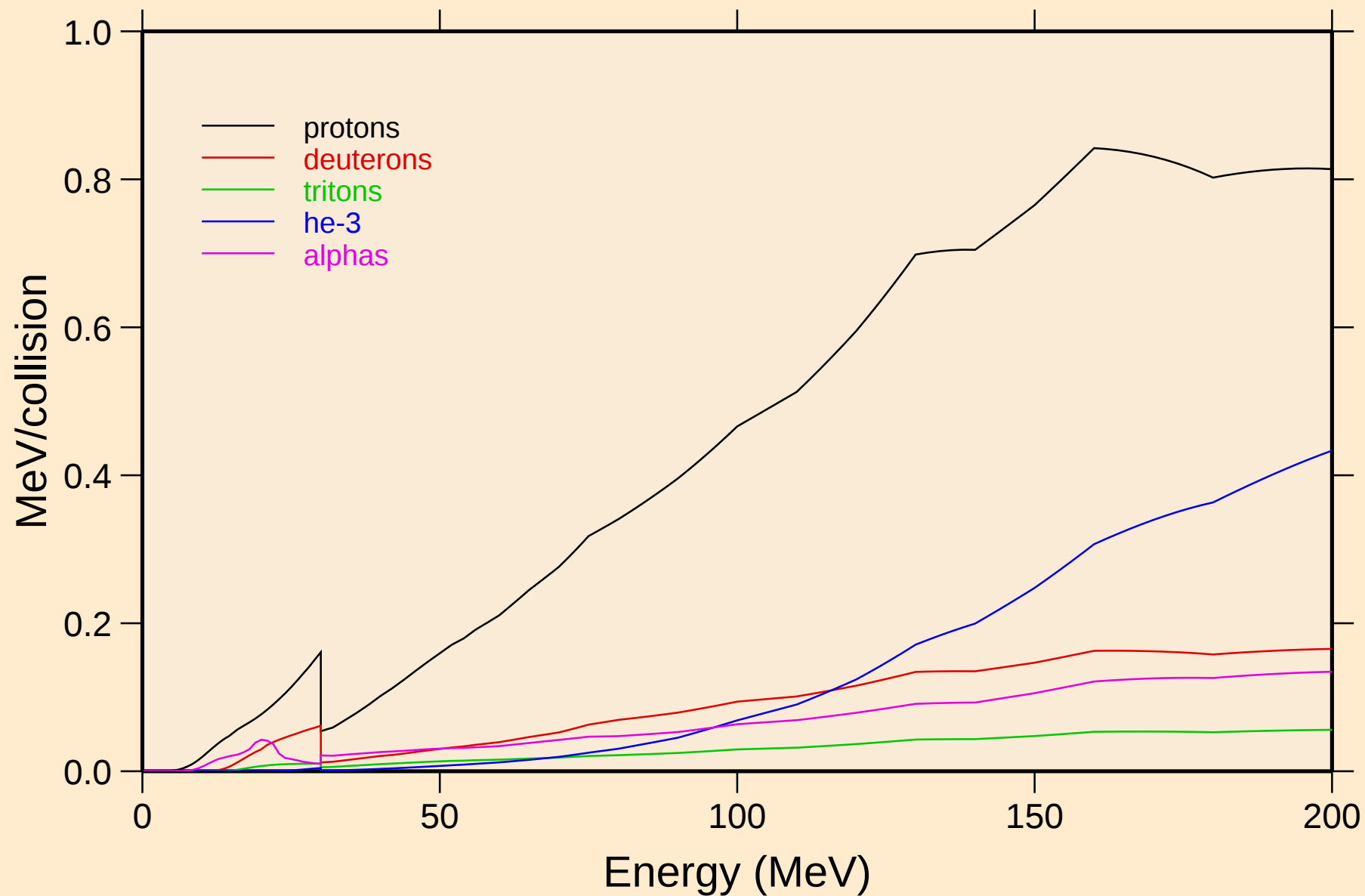


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



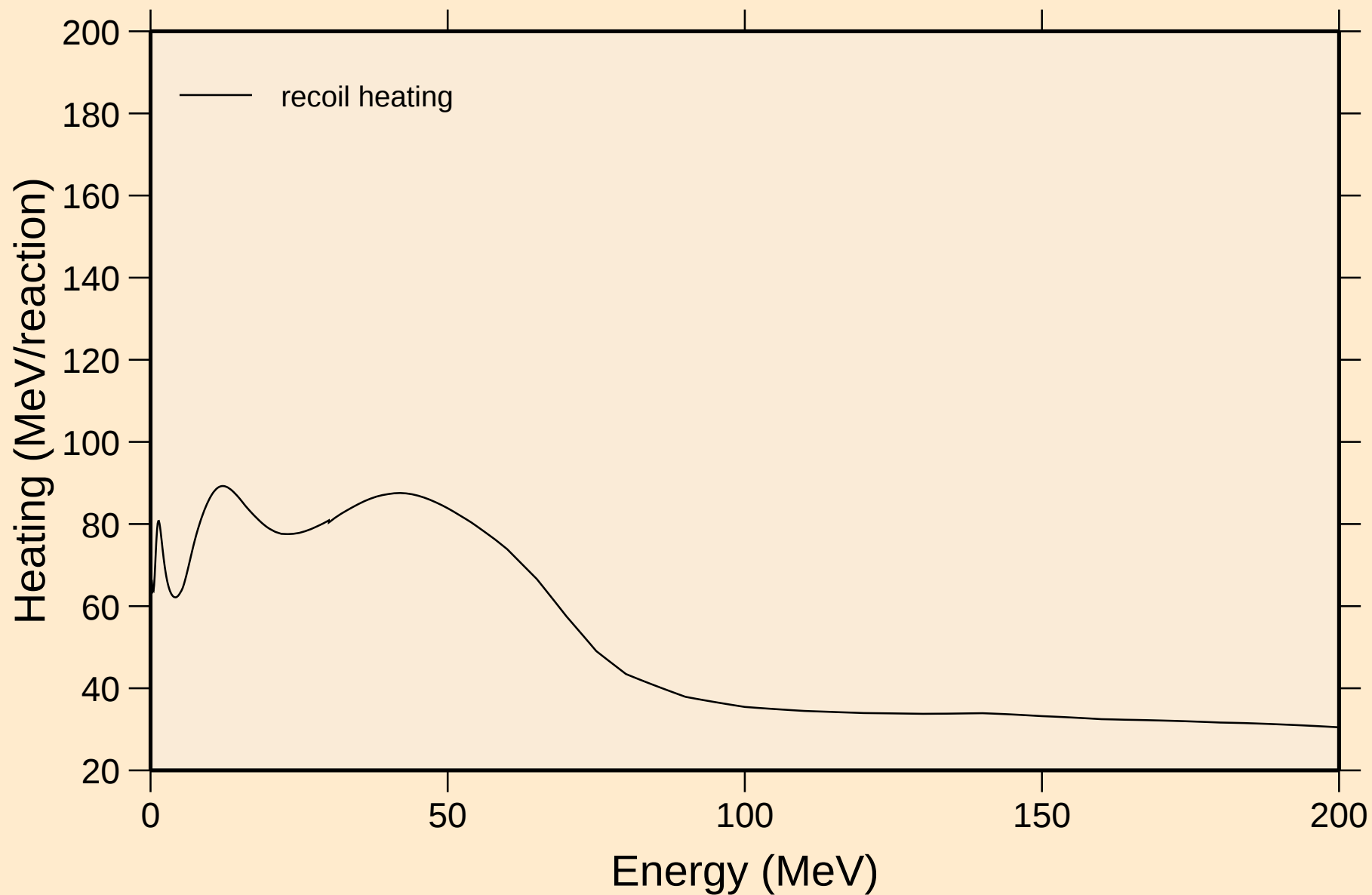
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



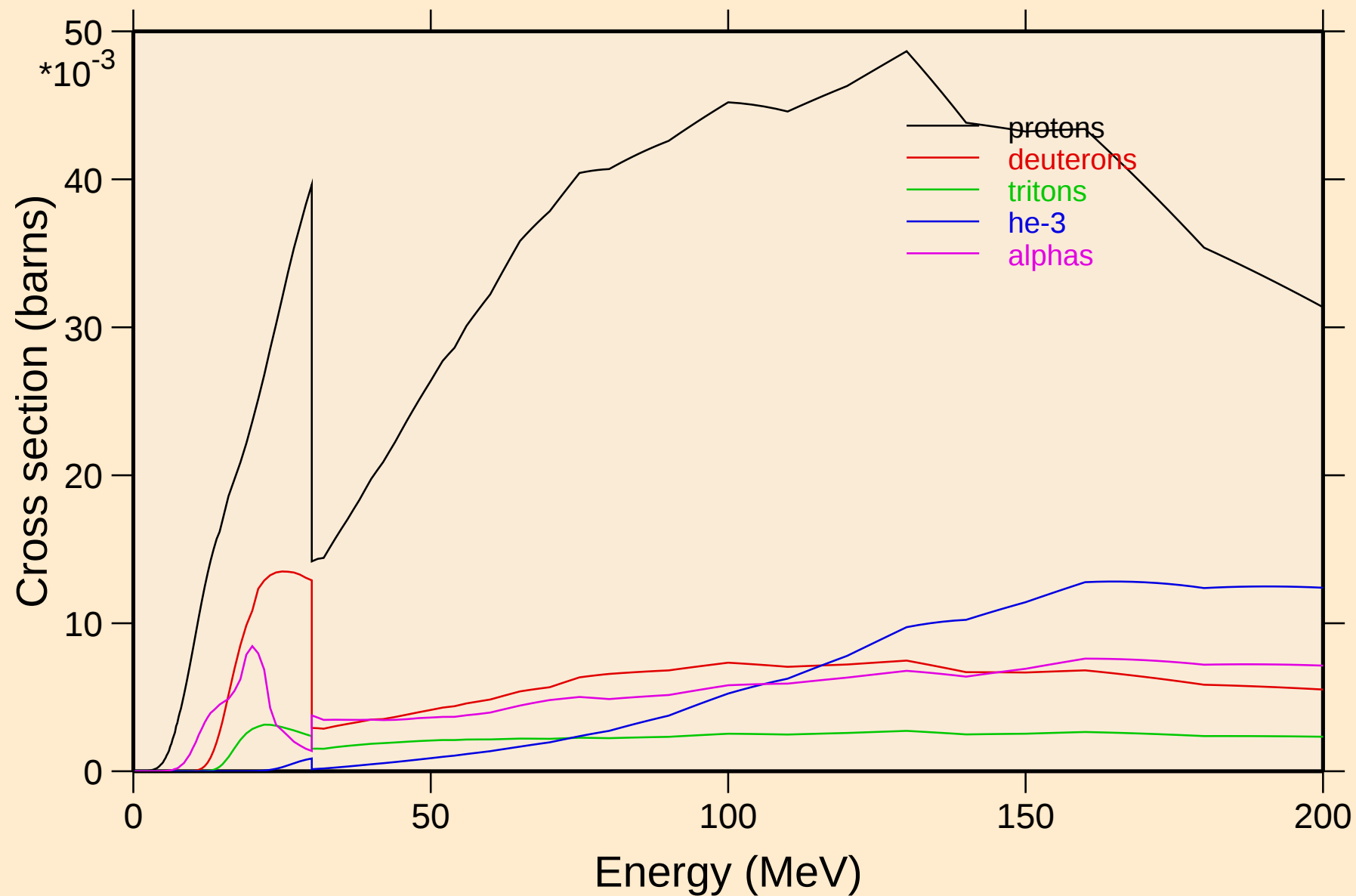
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

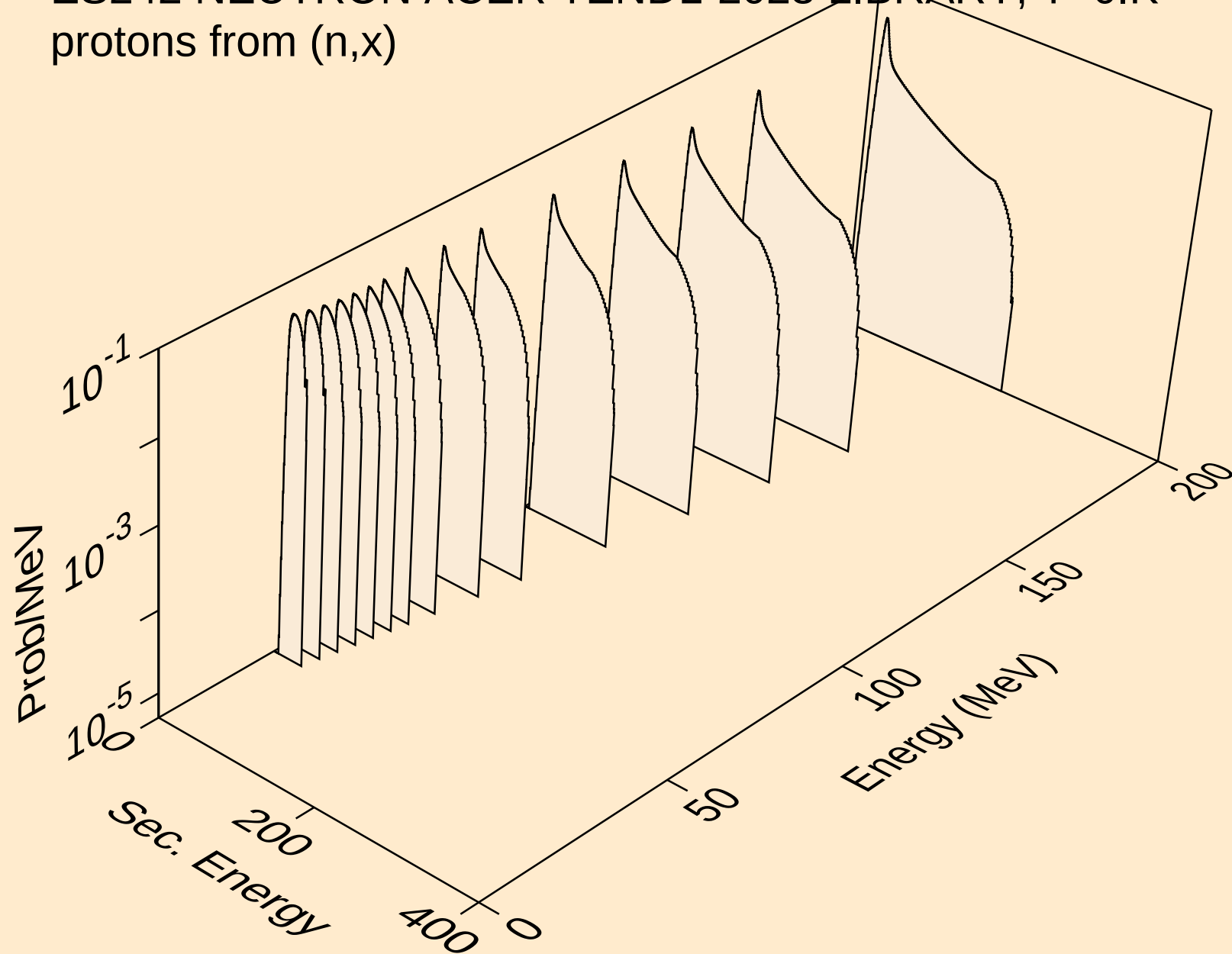


ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

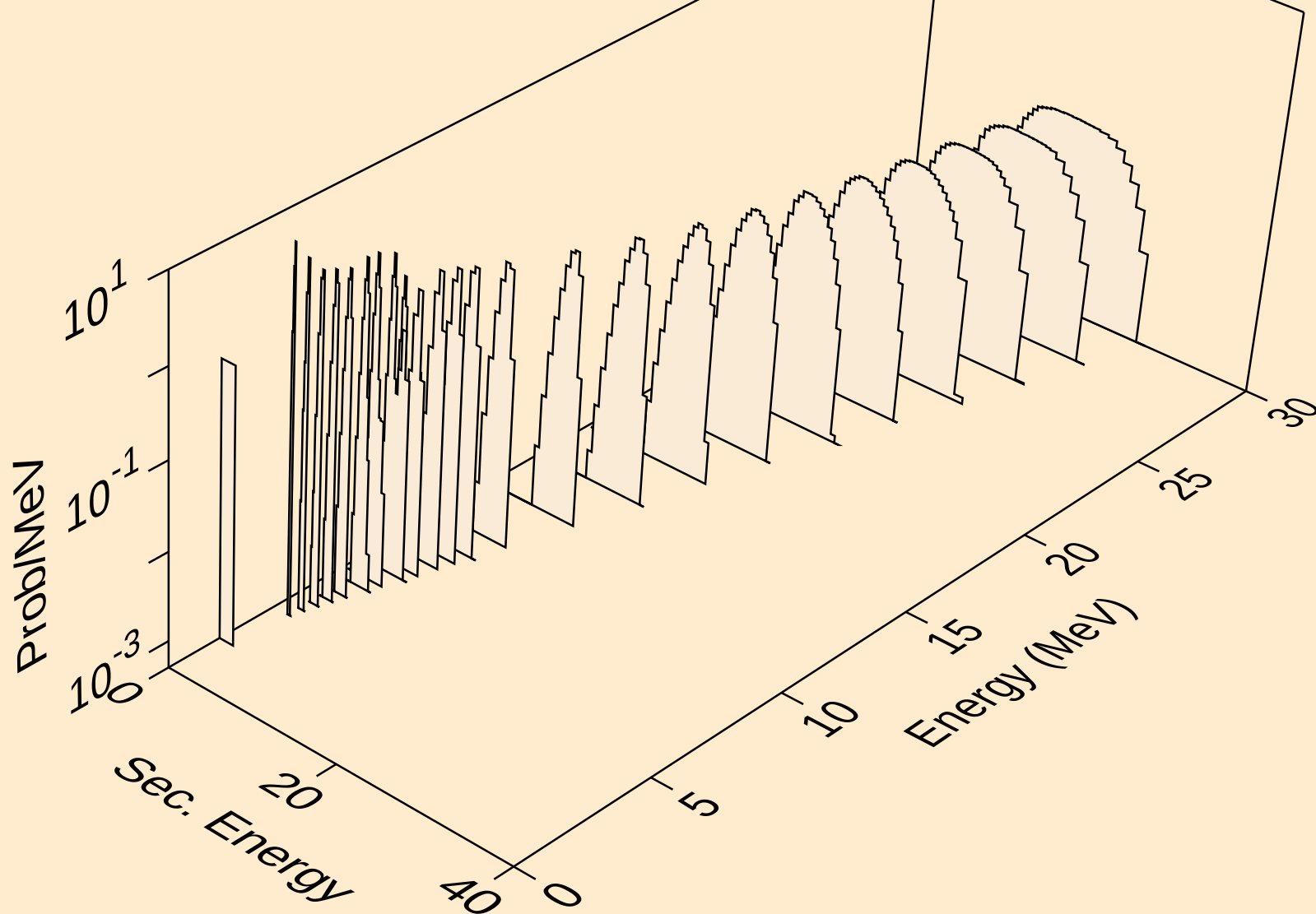
Particle production cross sections



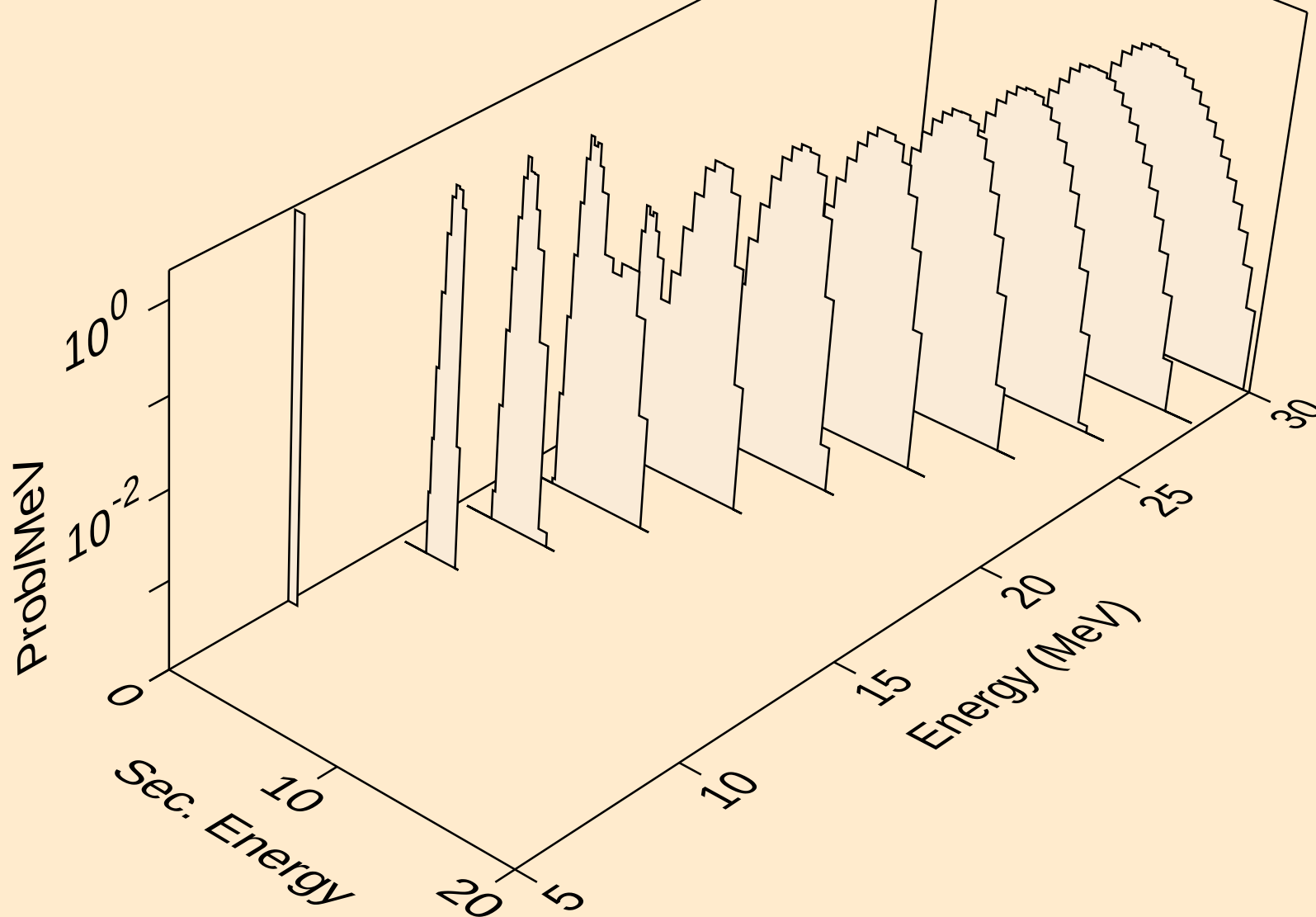
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



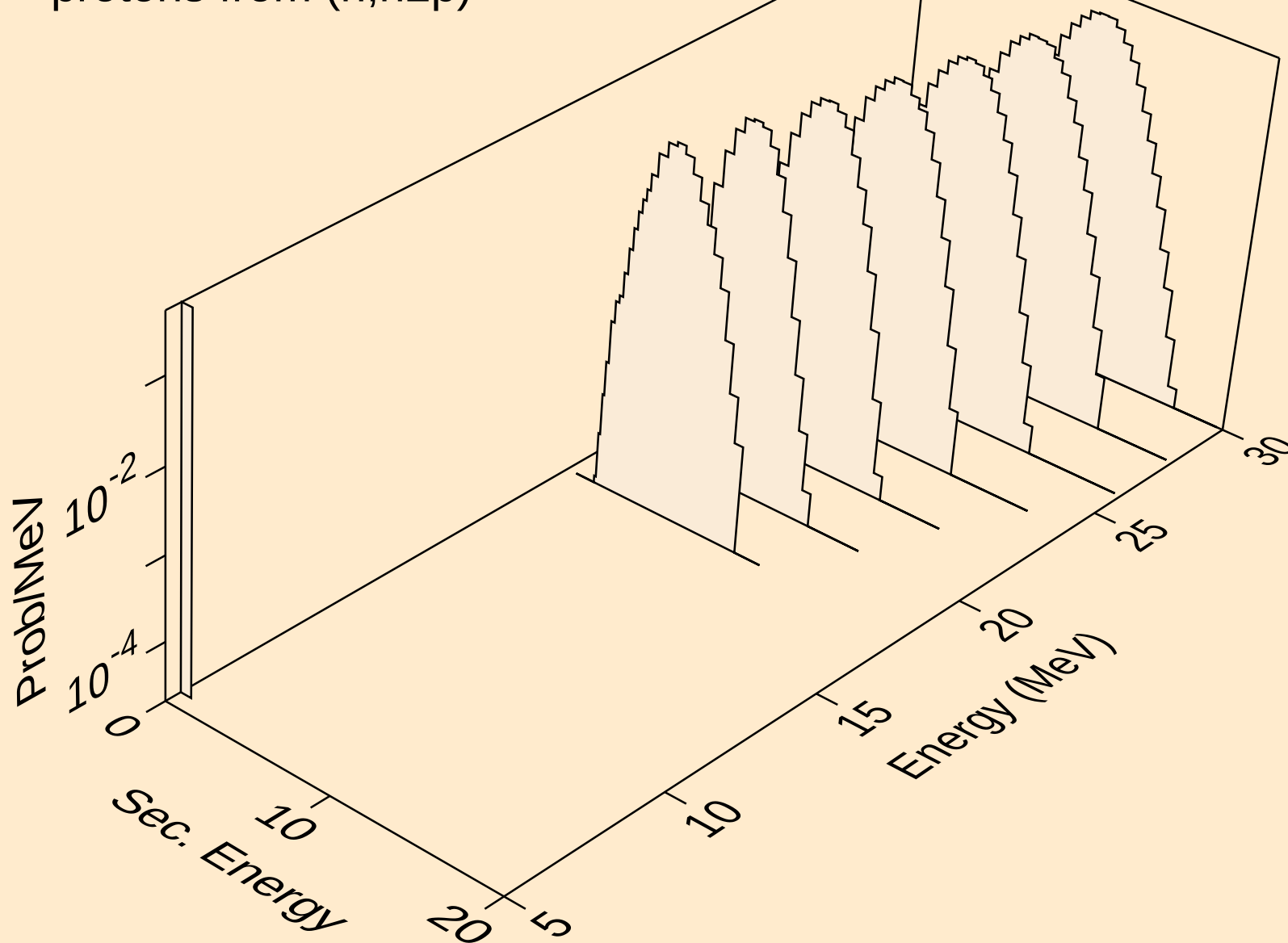
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



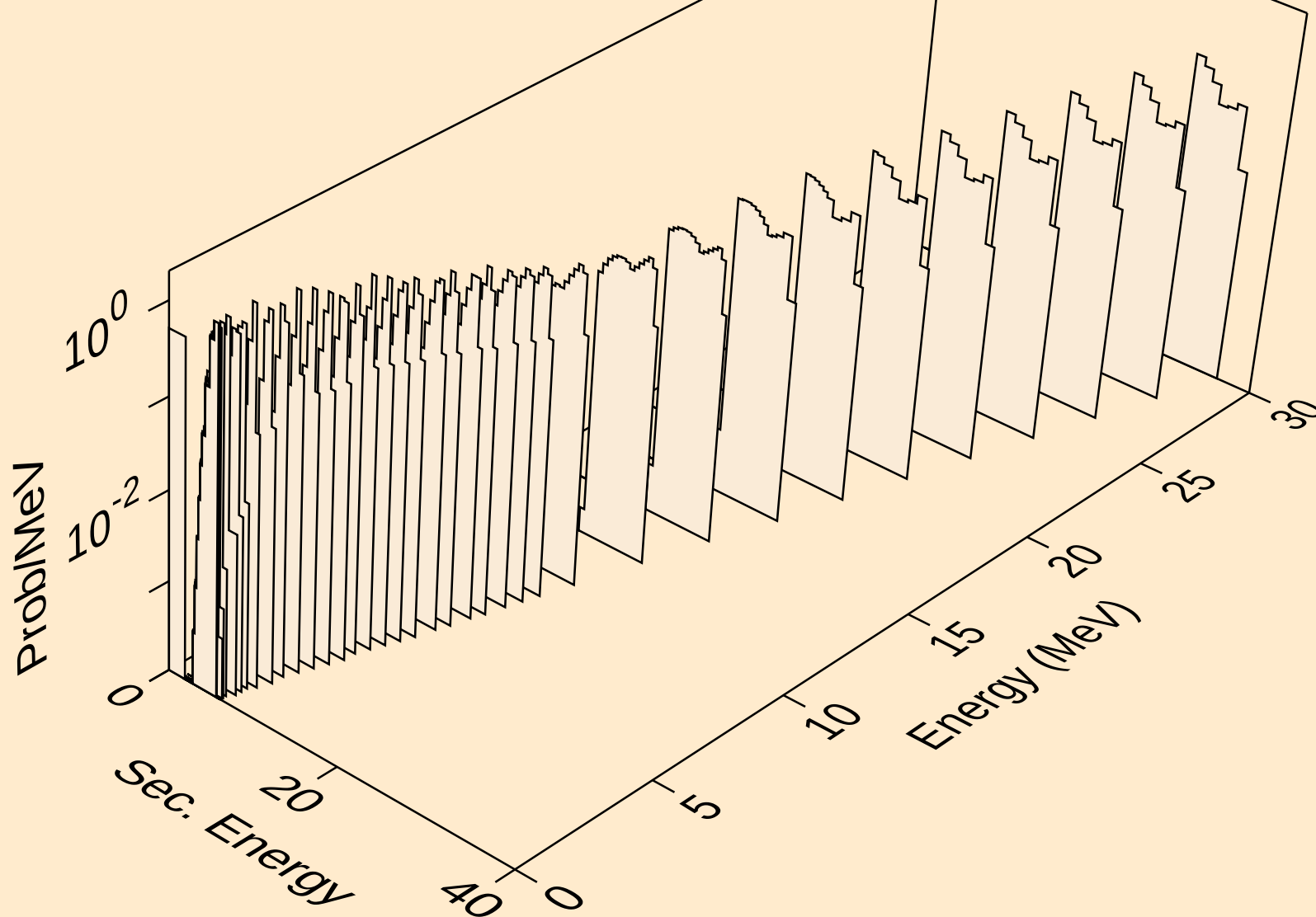
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



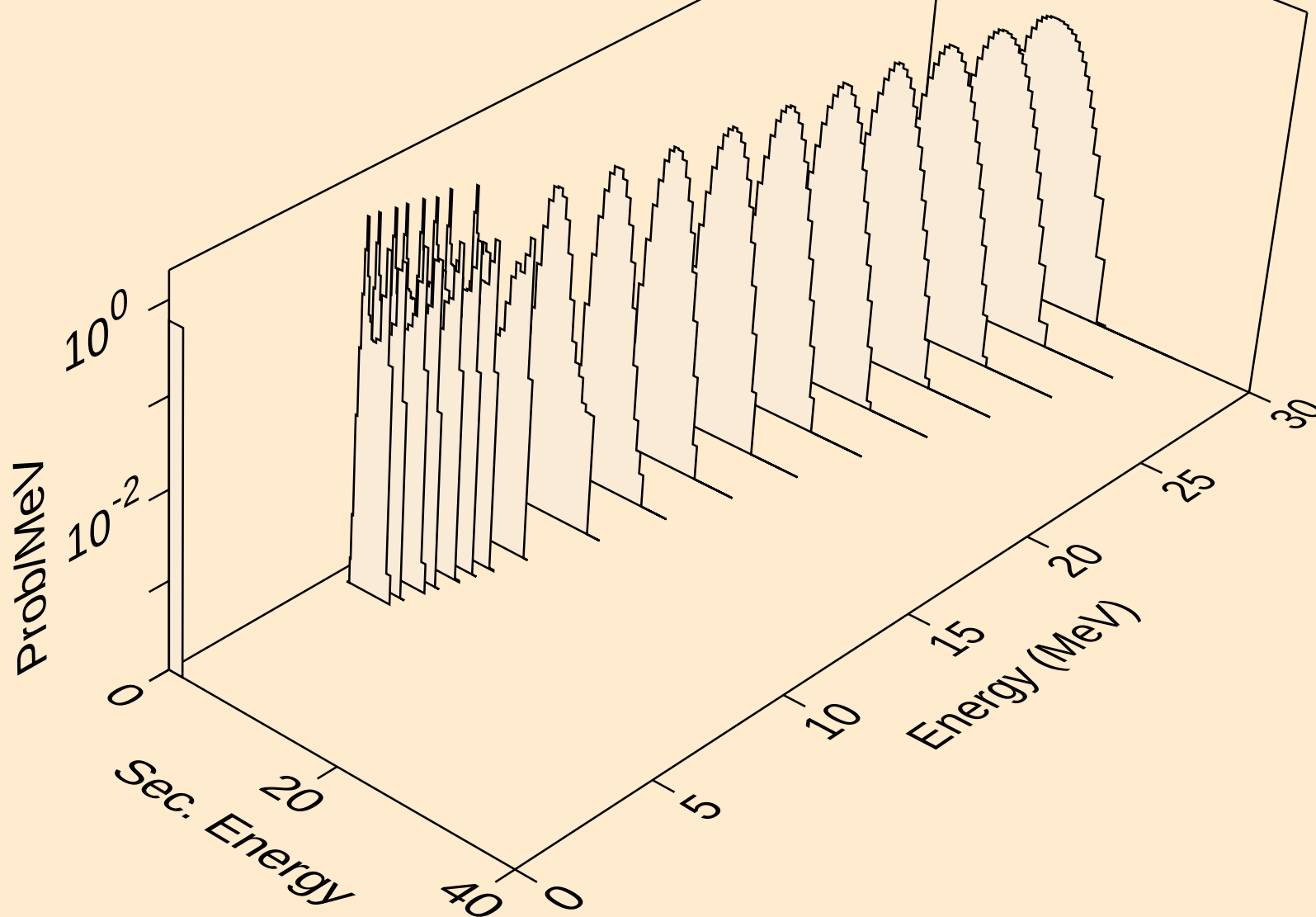
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



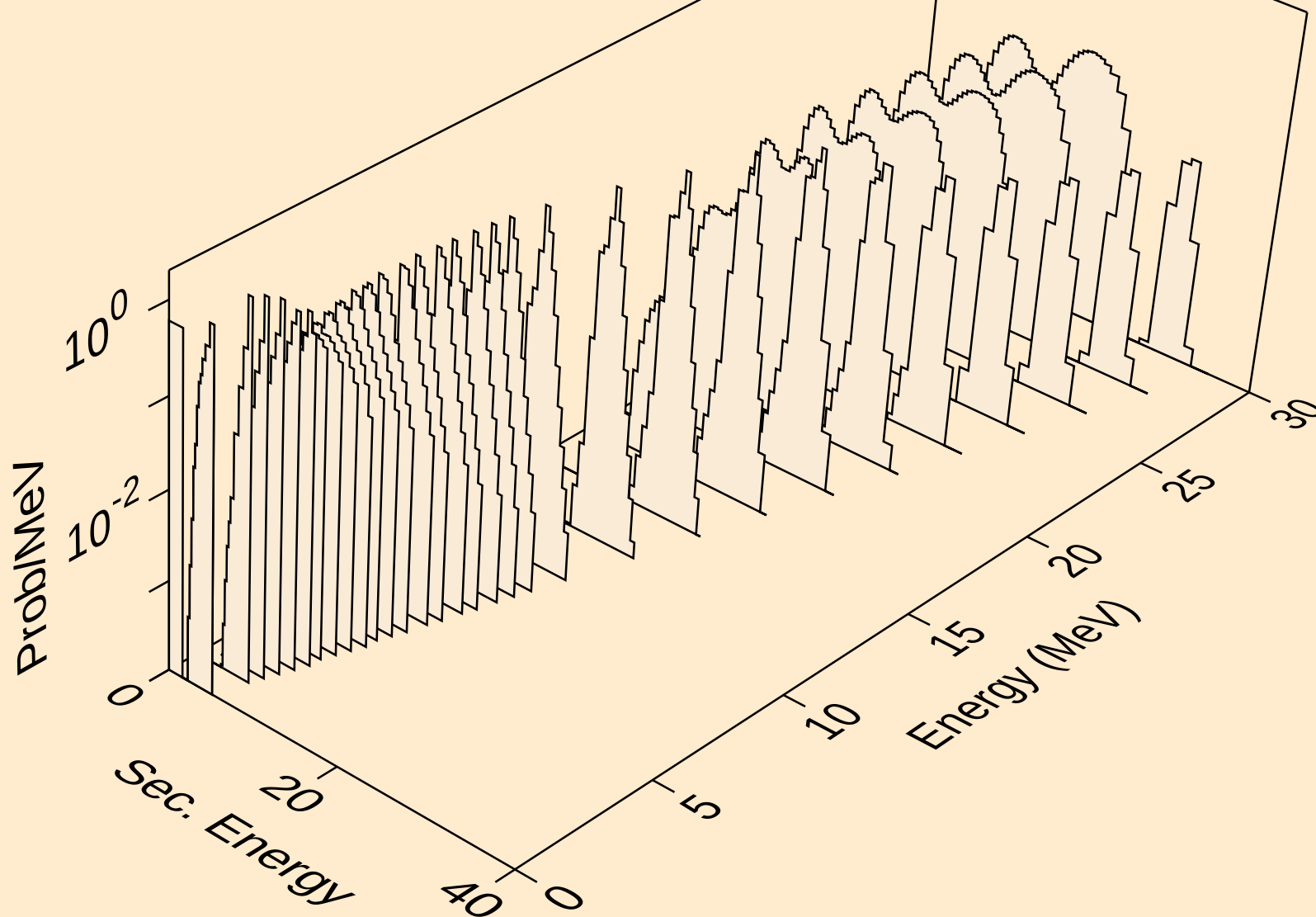
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



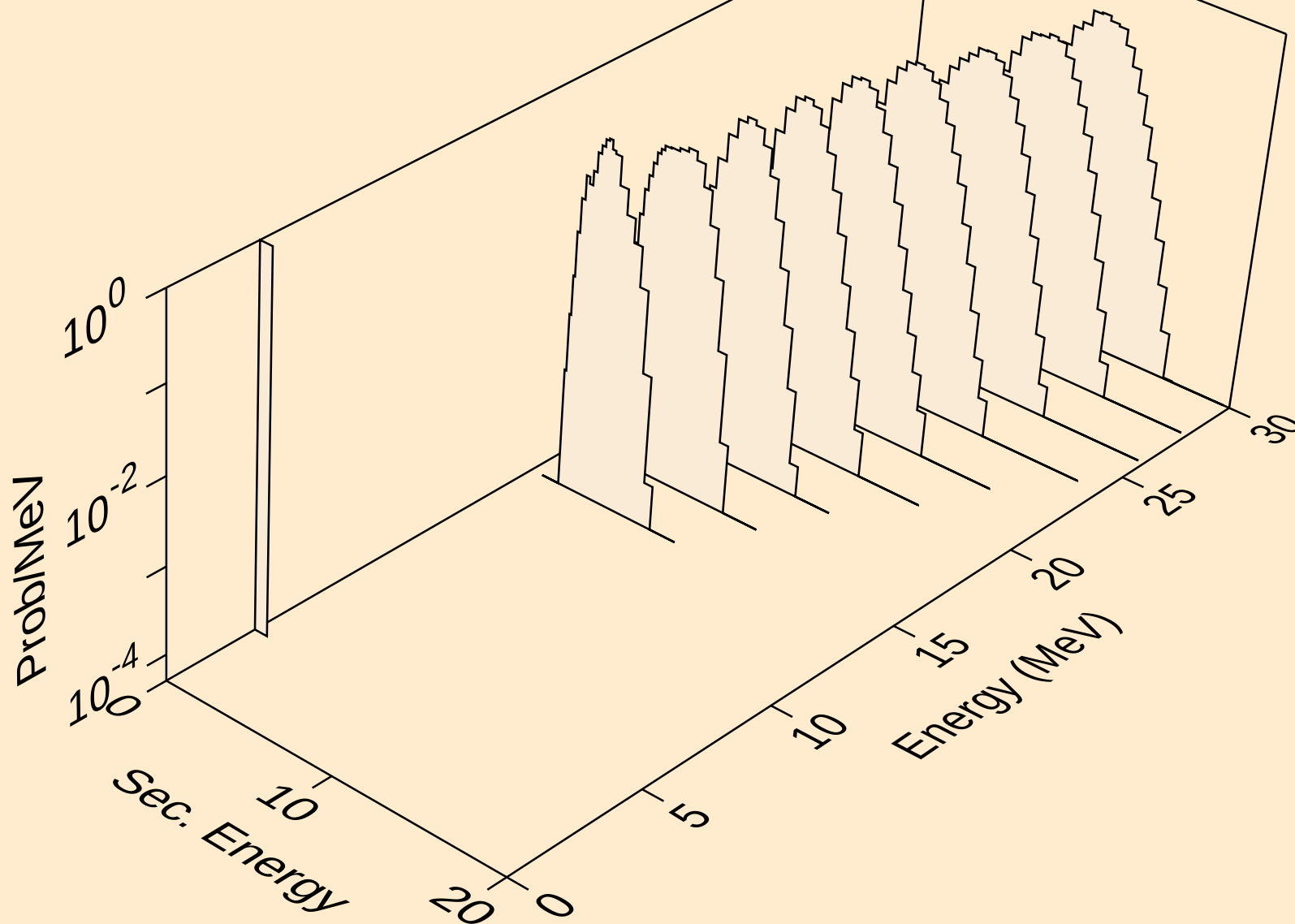
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protons from (n,2p)



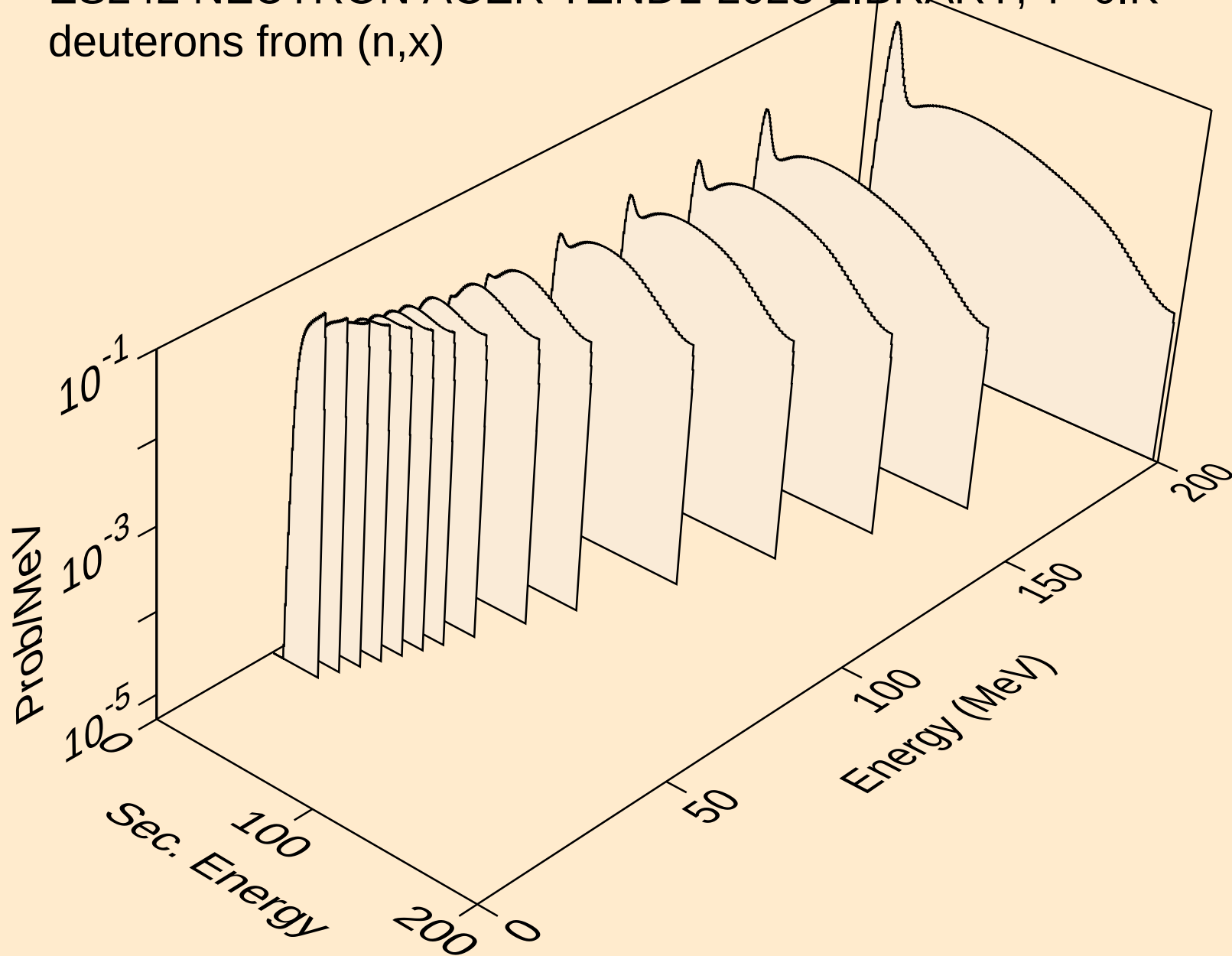
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



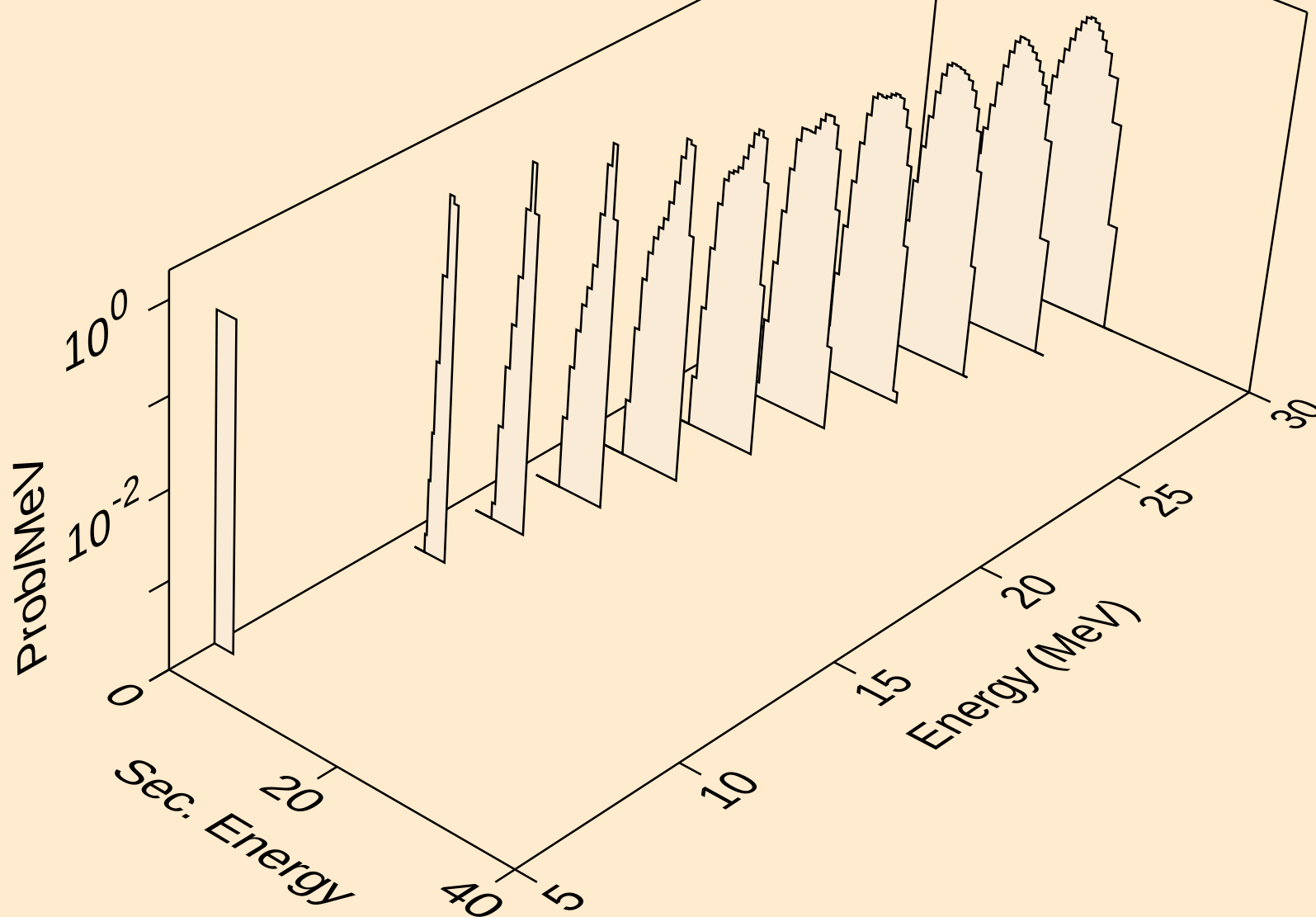
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



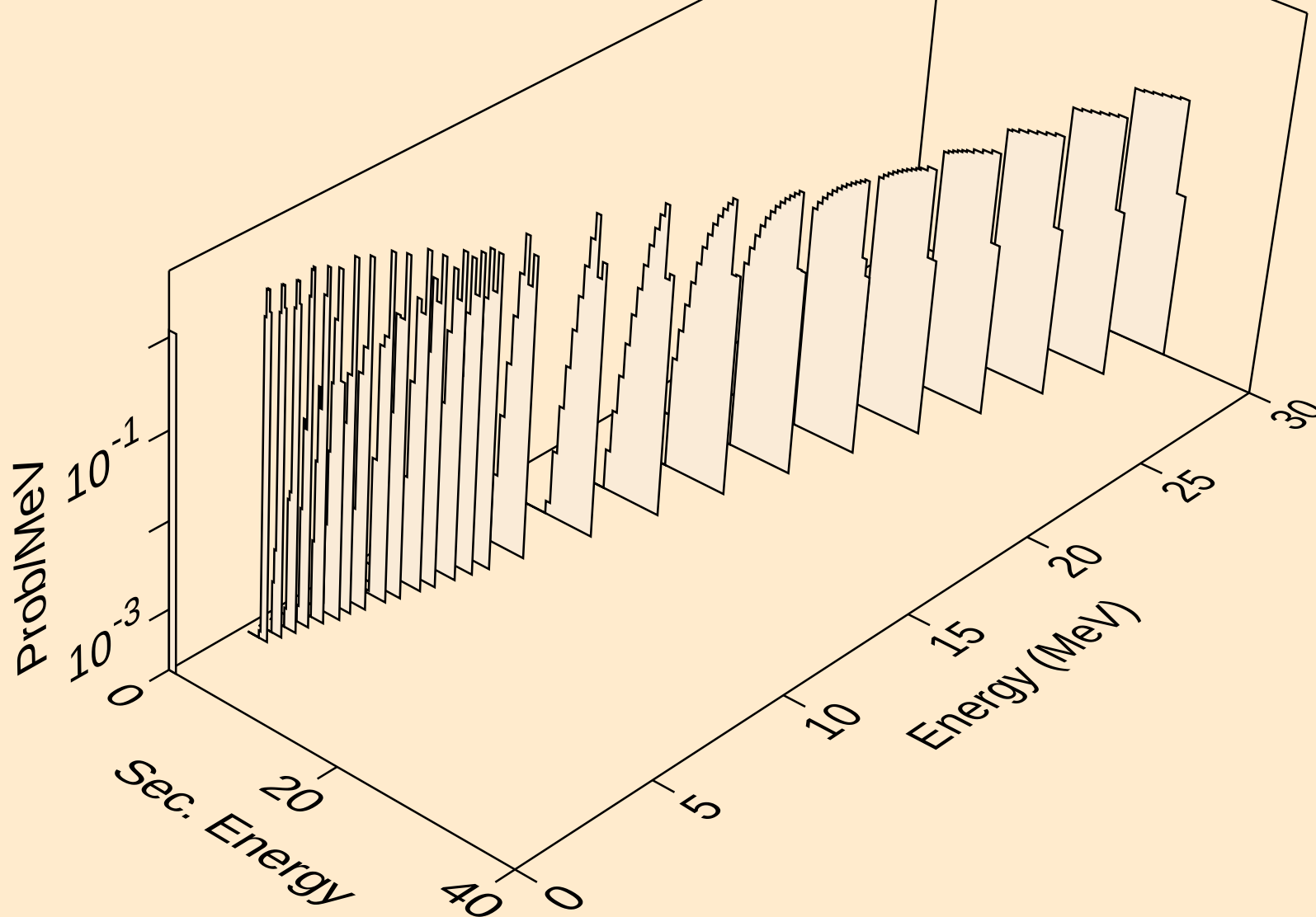
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



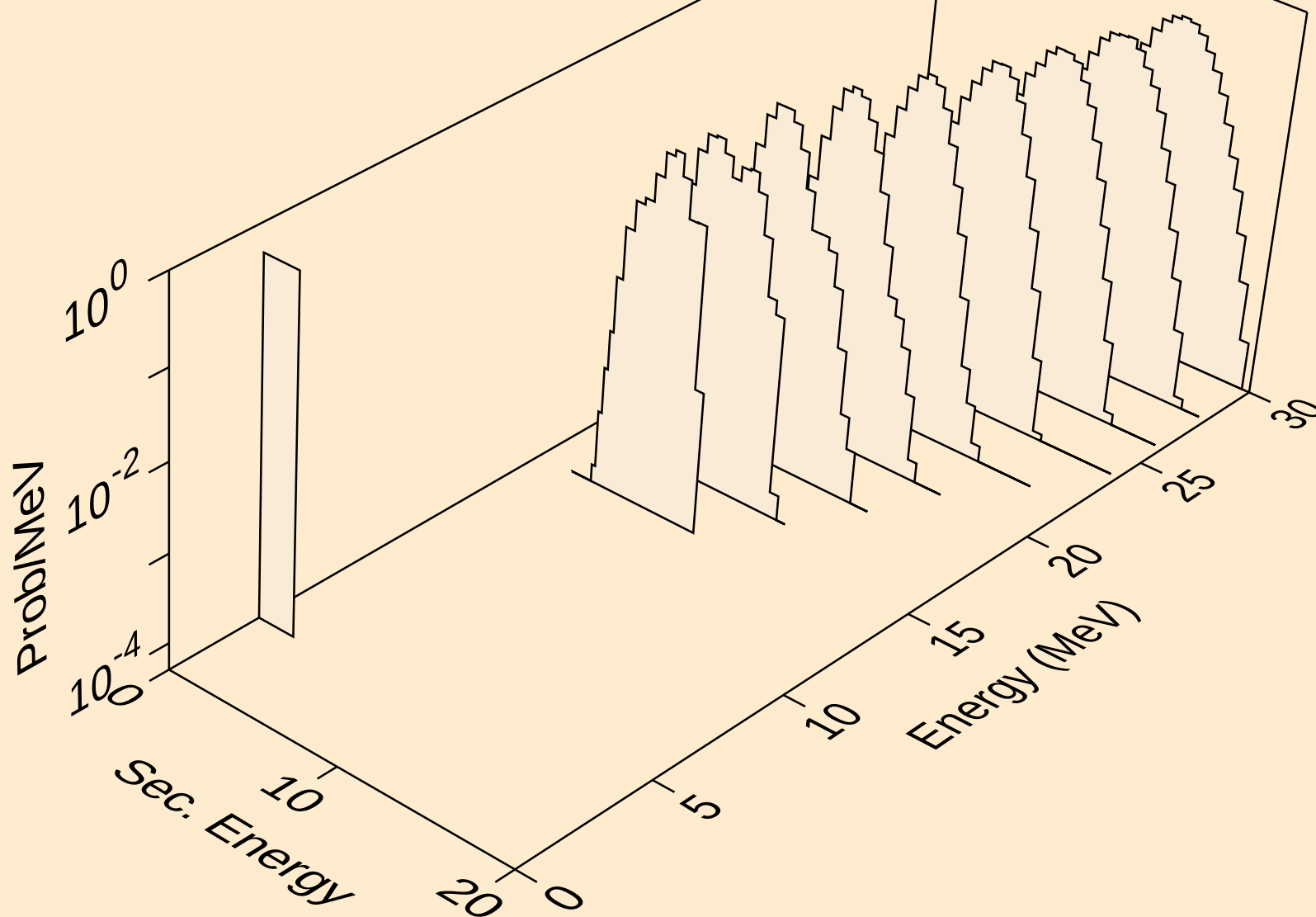
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



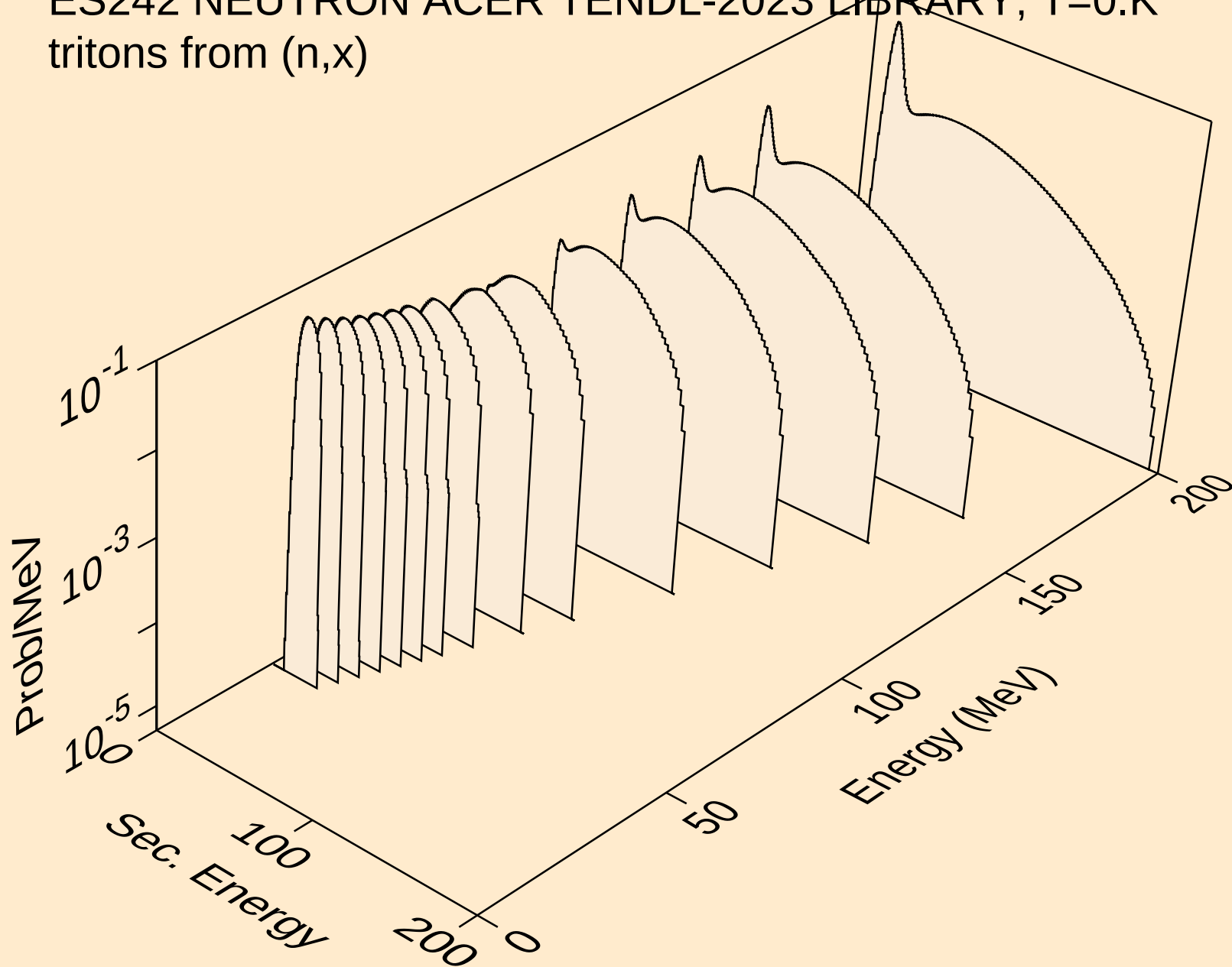
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deuterons from (n,d)



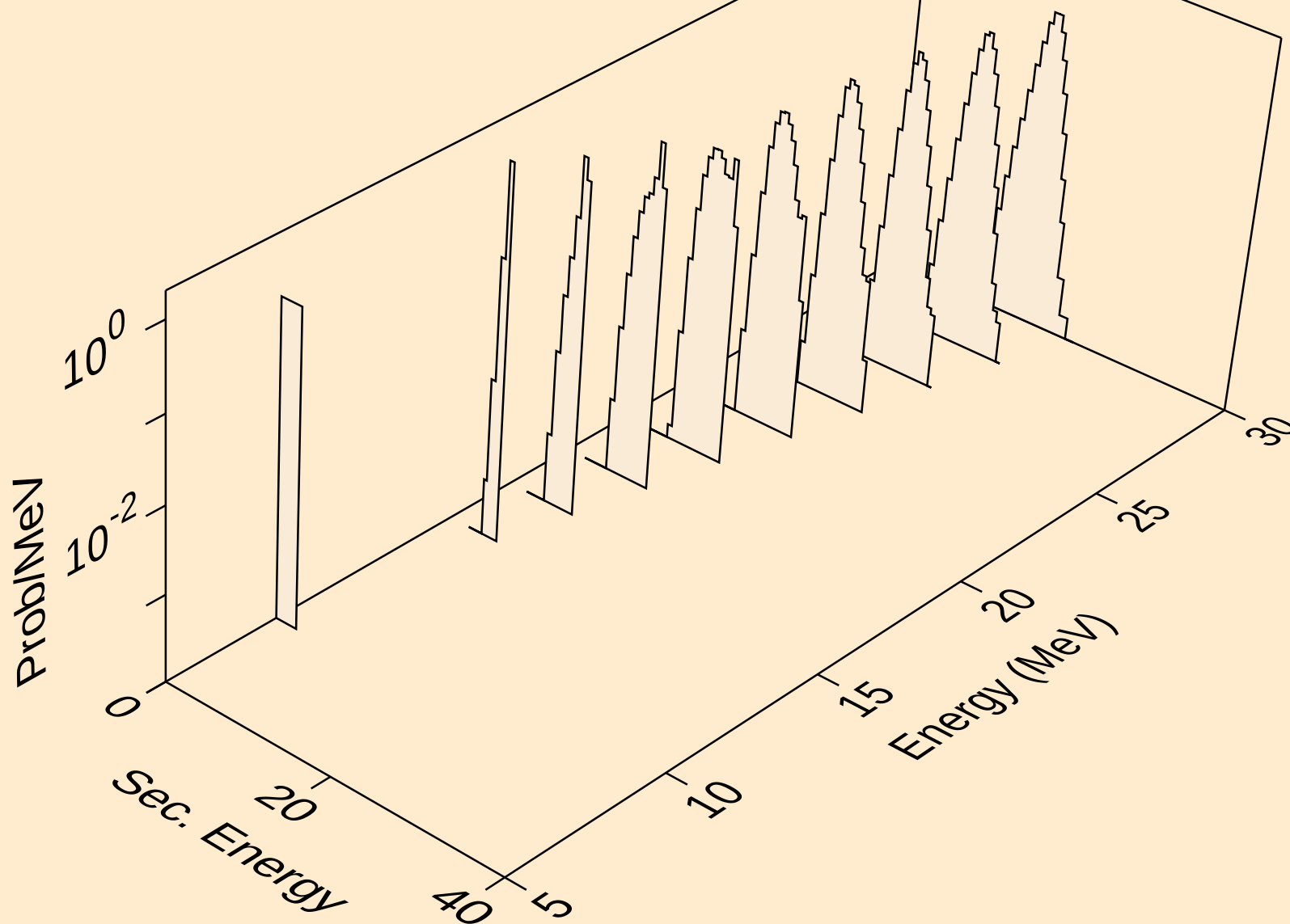
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



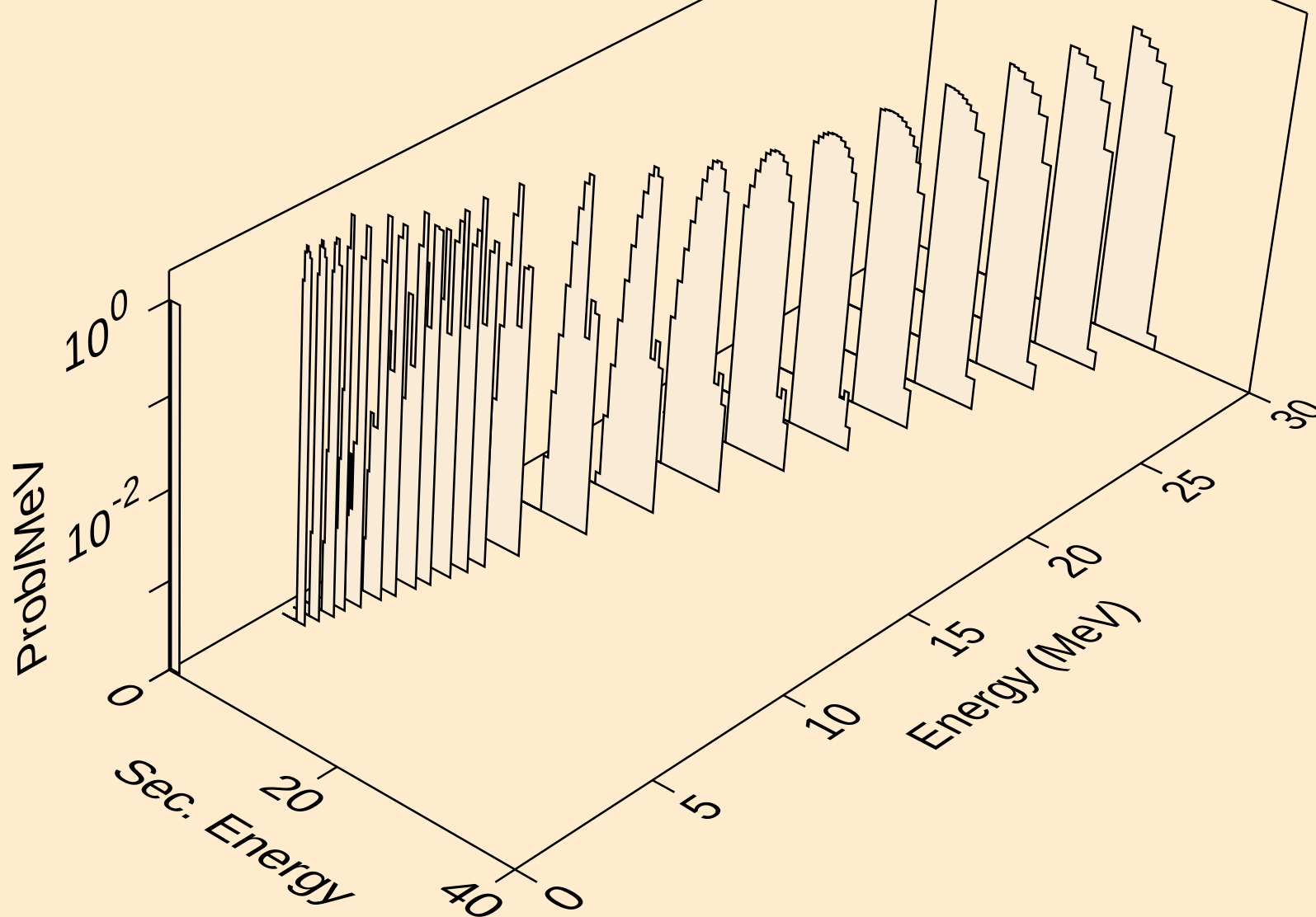
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



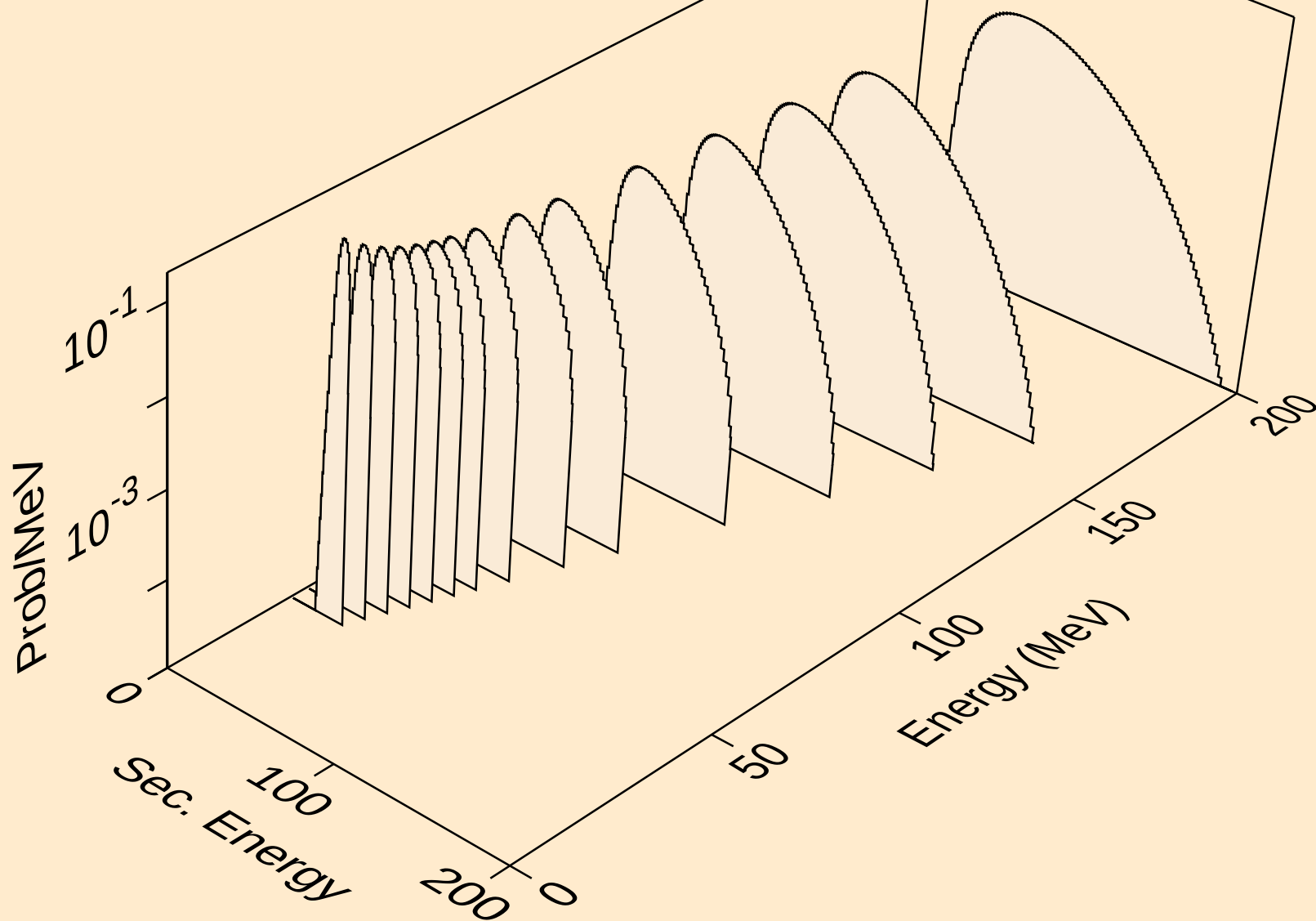
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



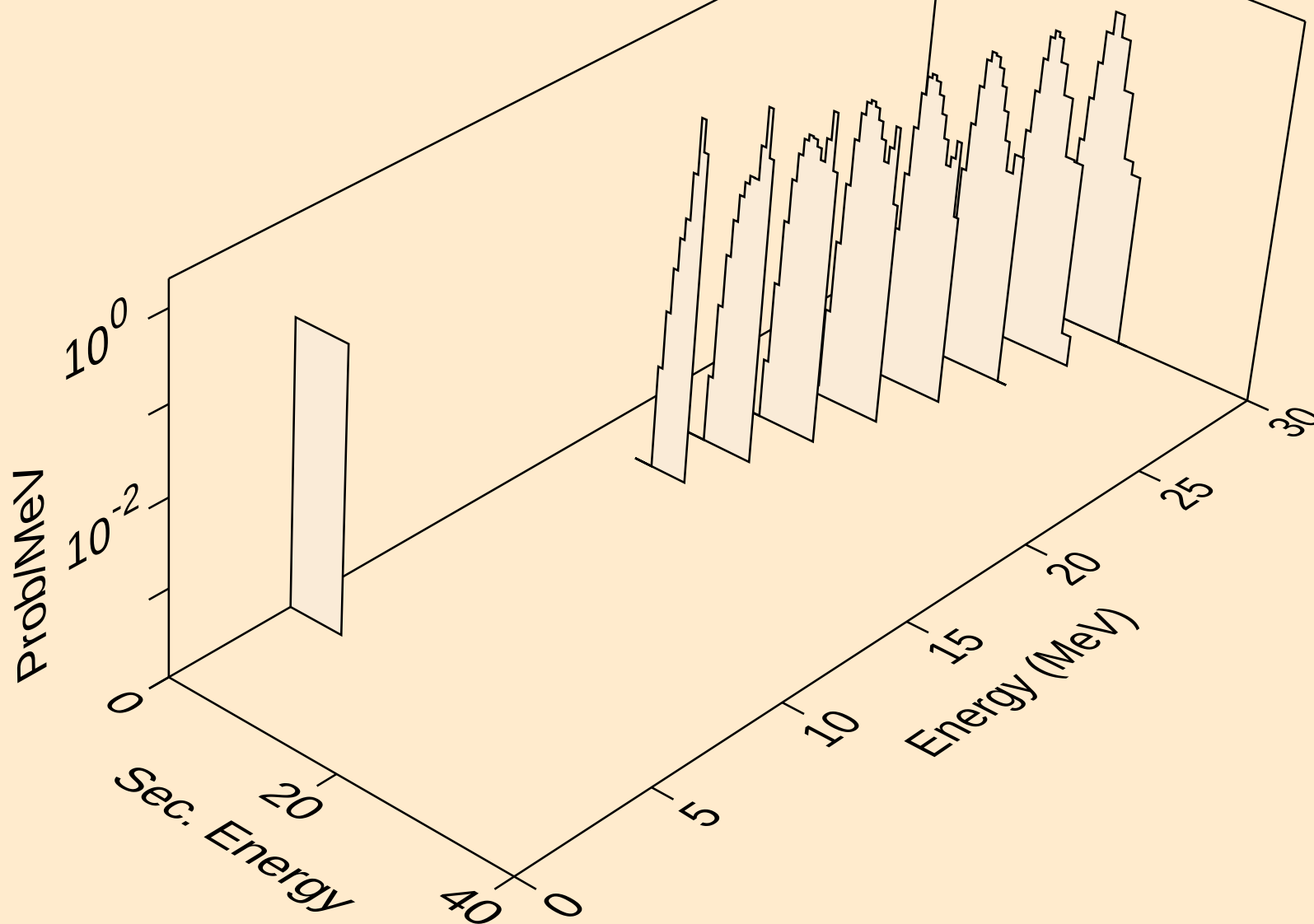
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tritons from (n,t)



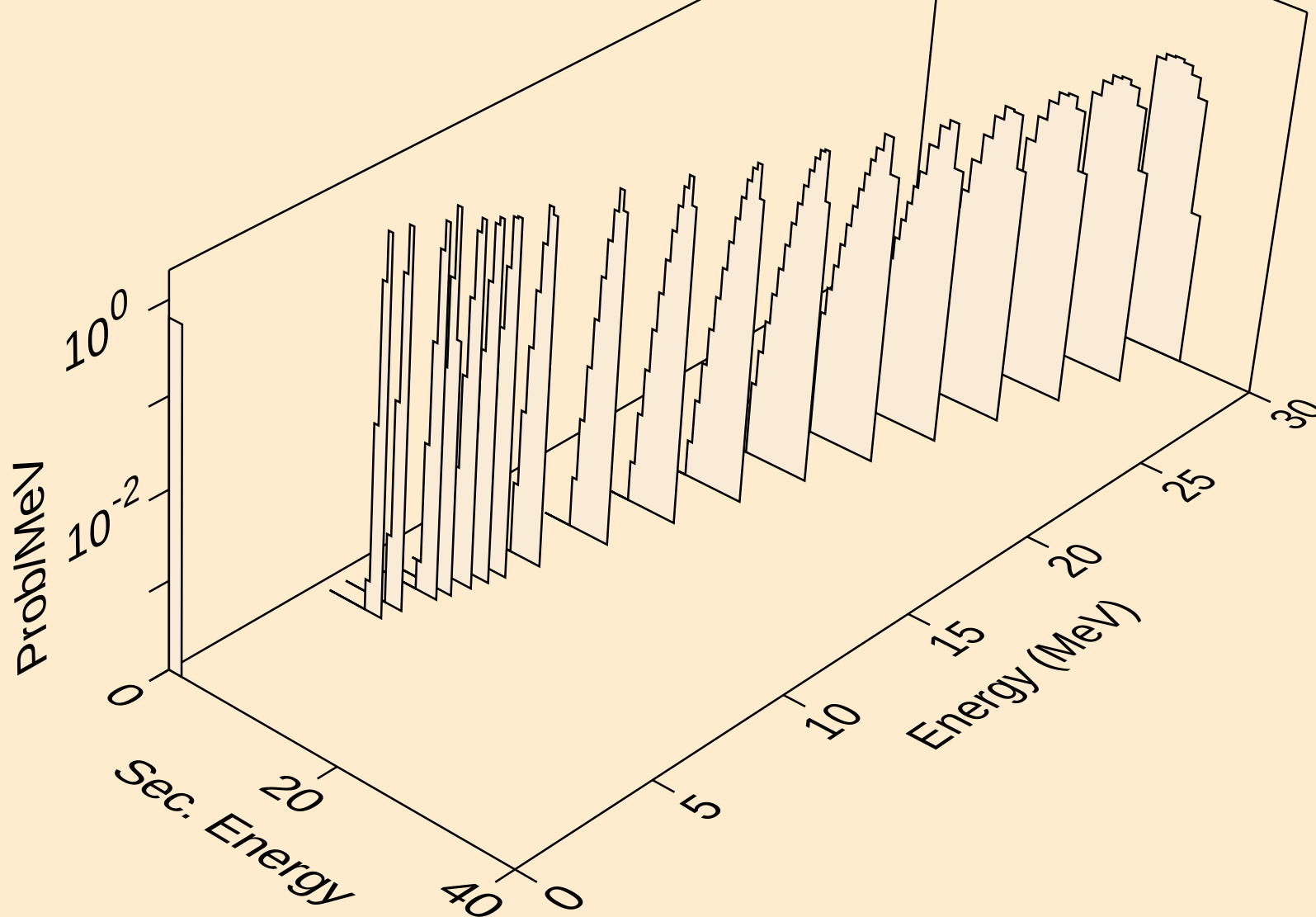
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



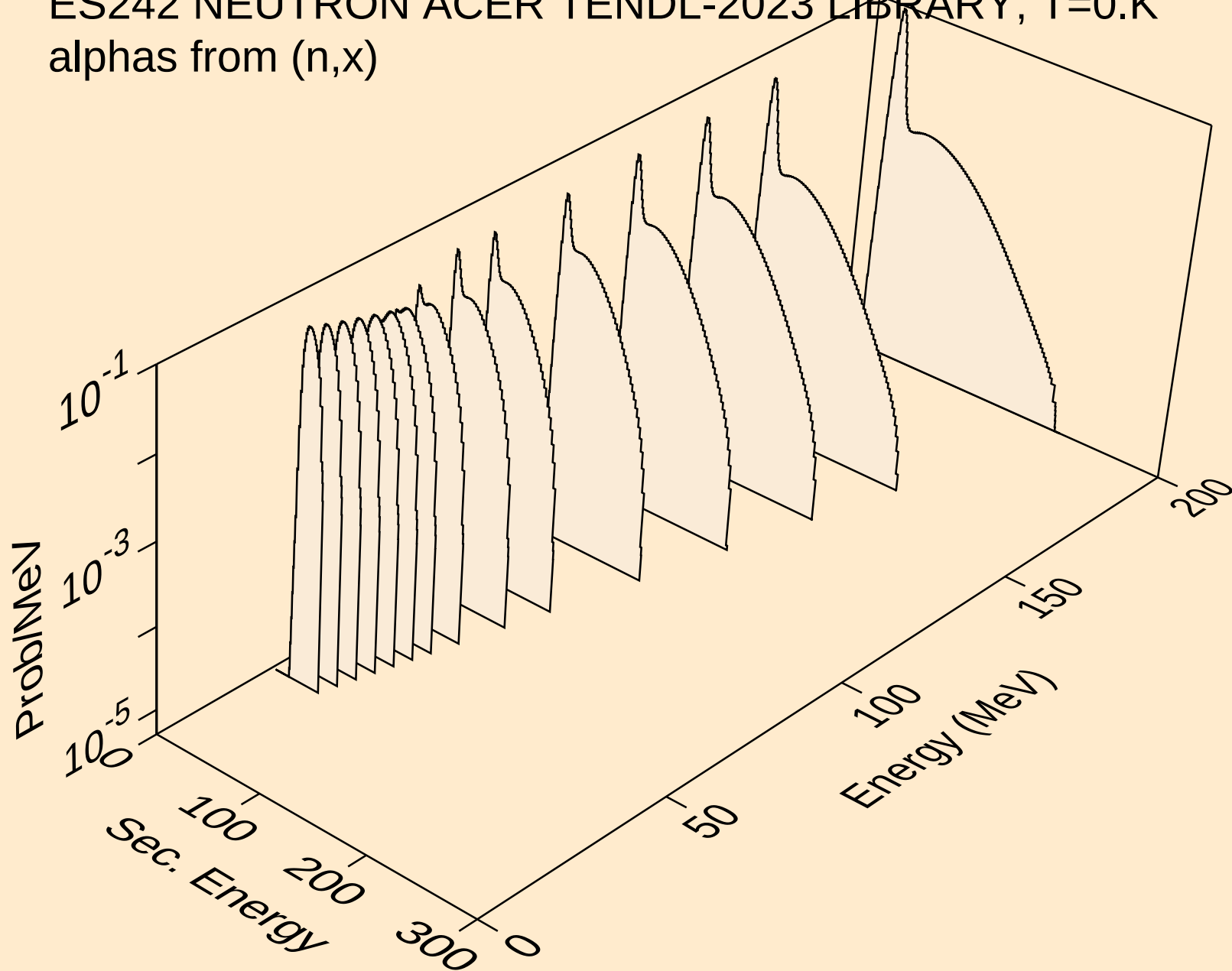
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



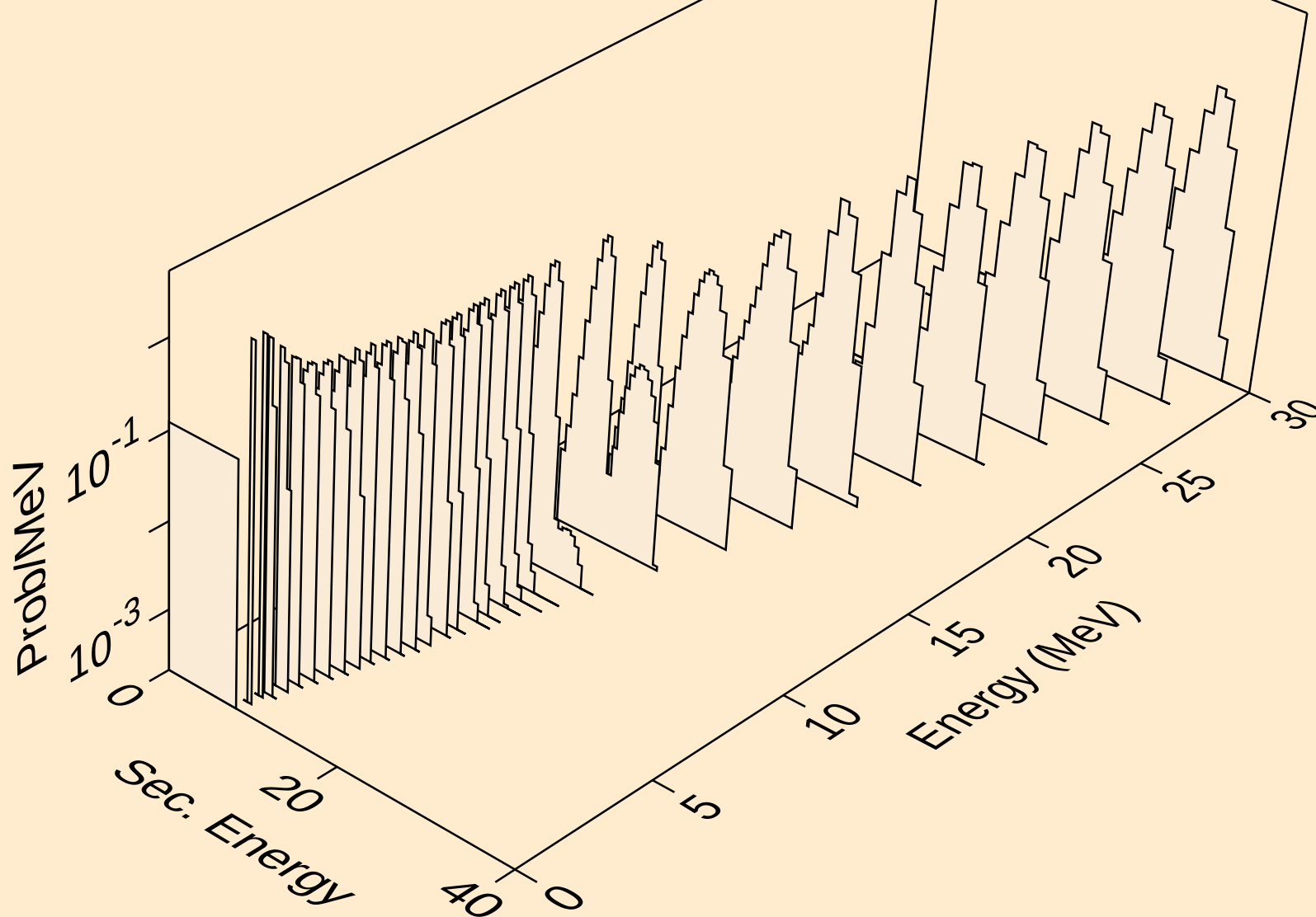
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



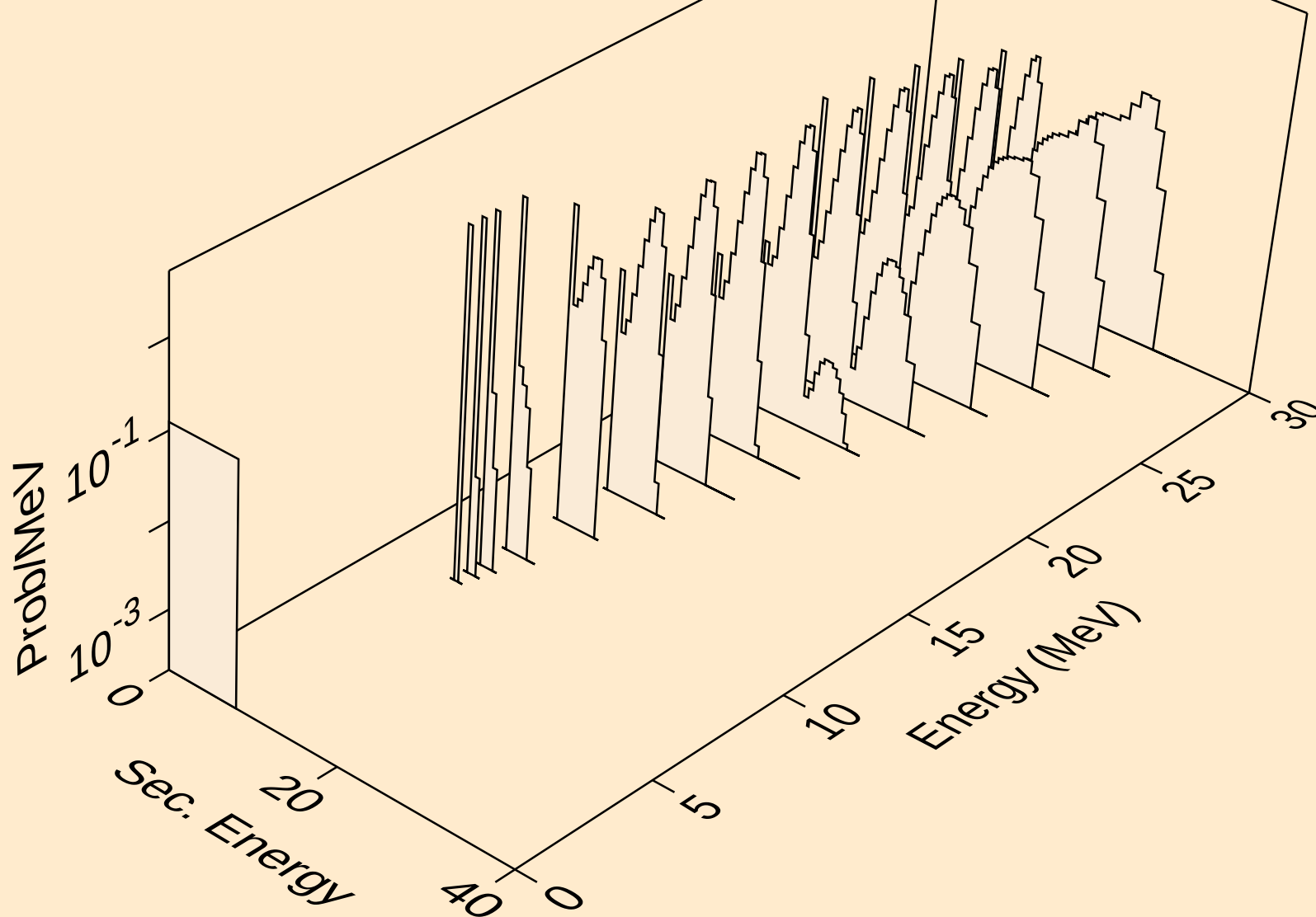
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



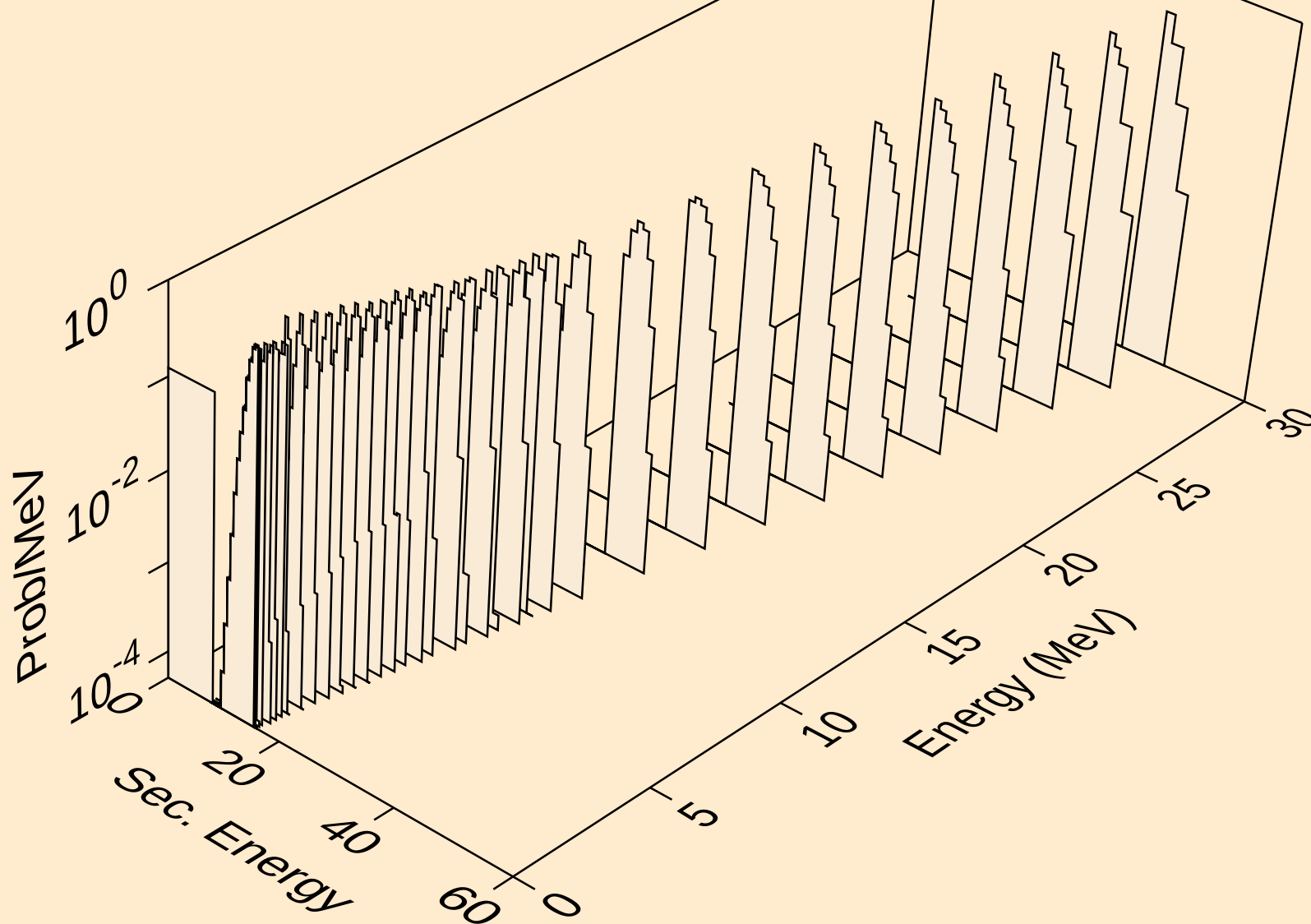
ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



ES242 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)

