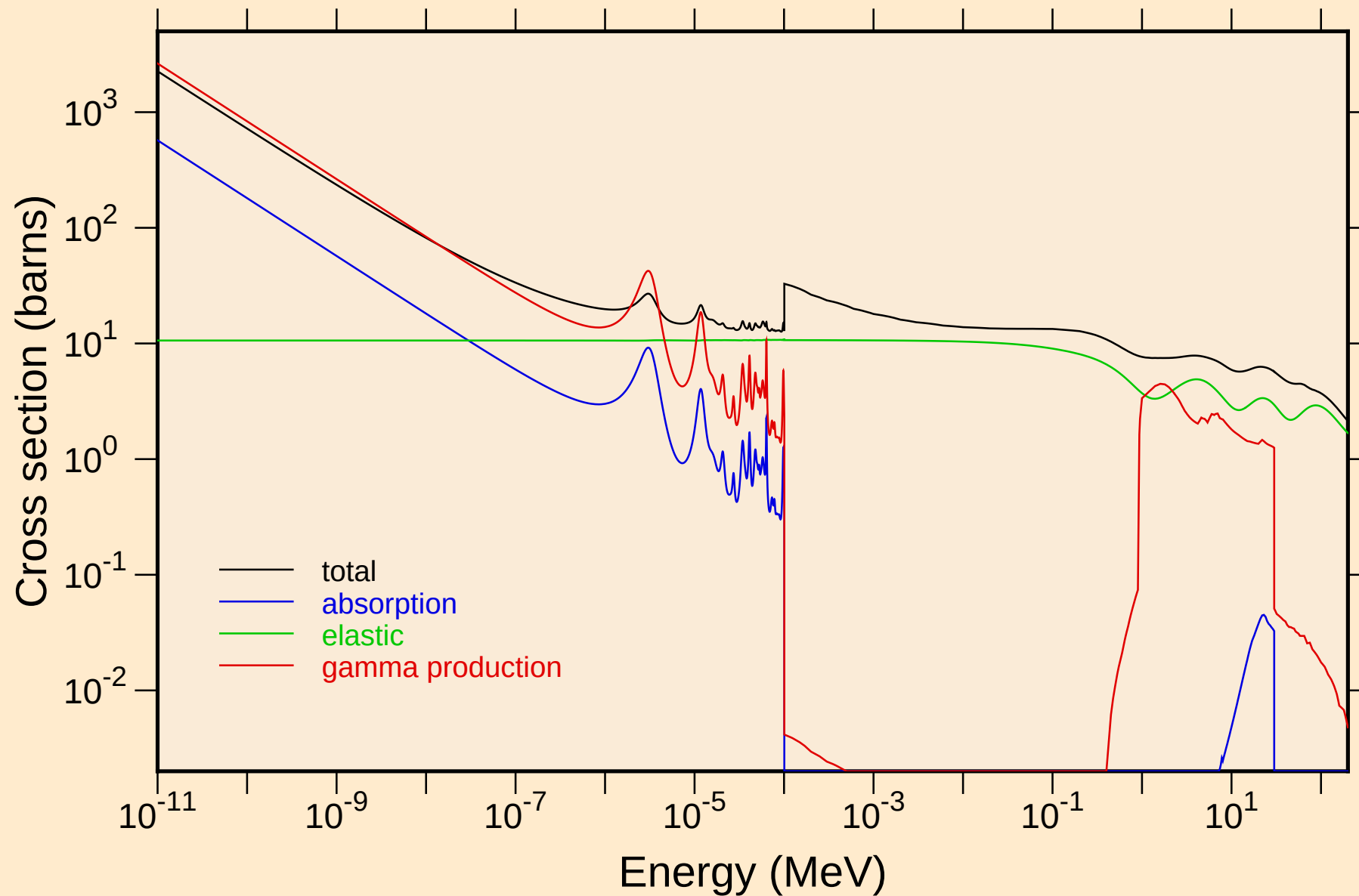


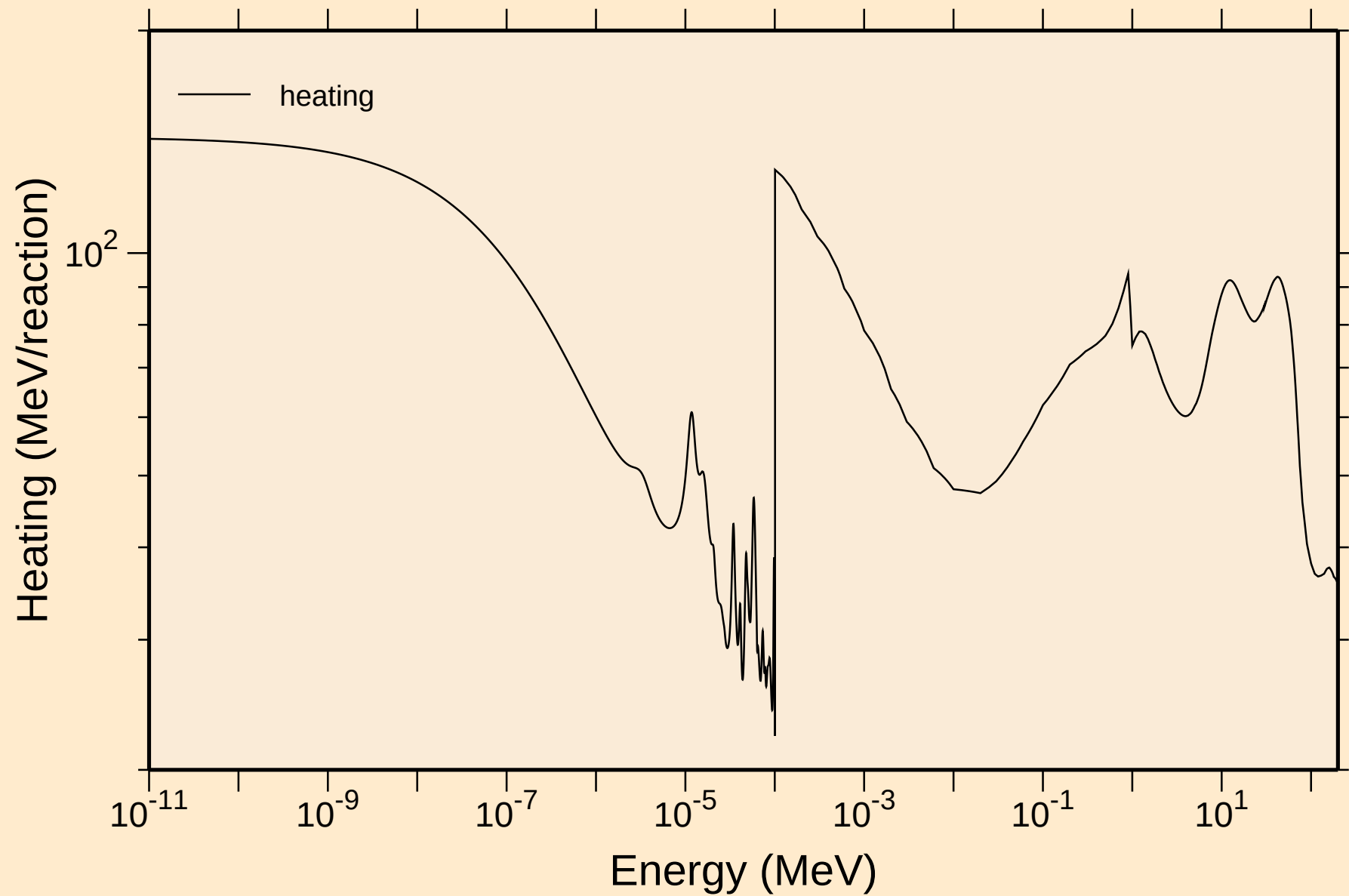
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



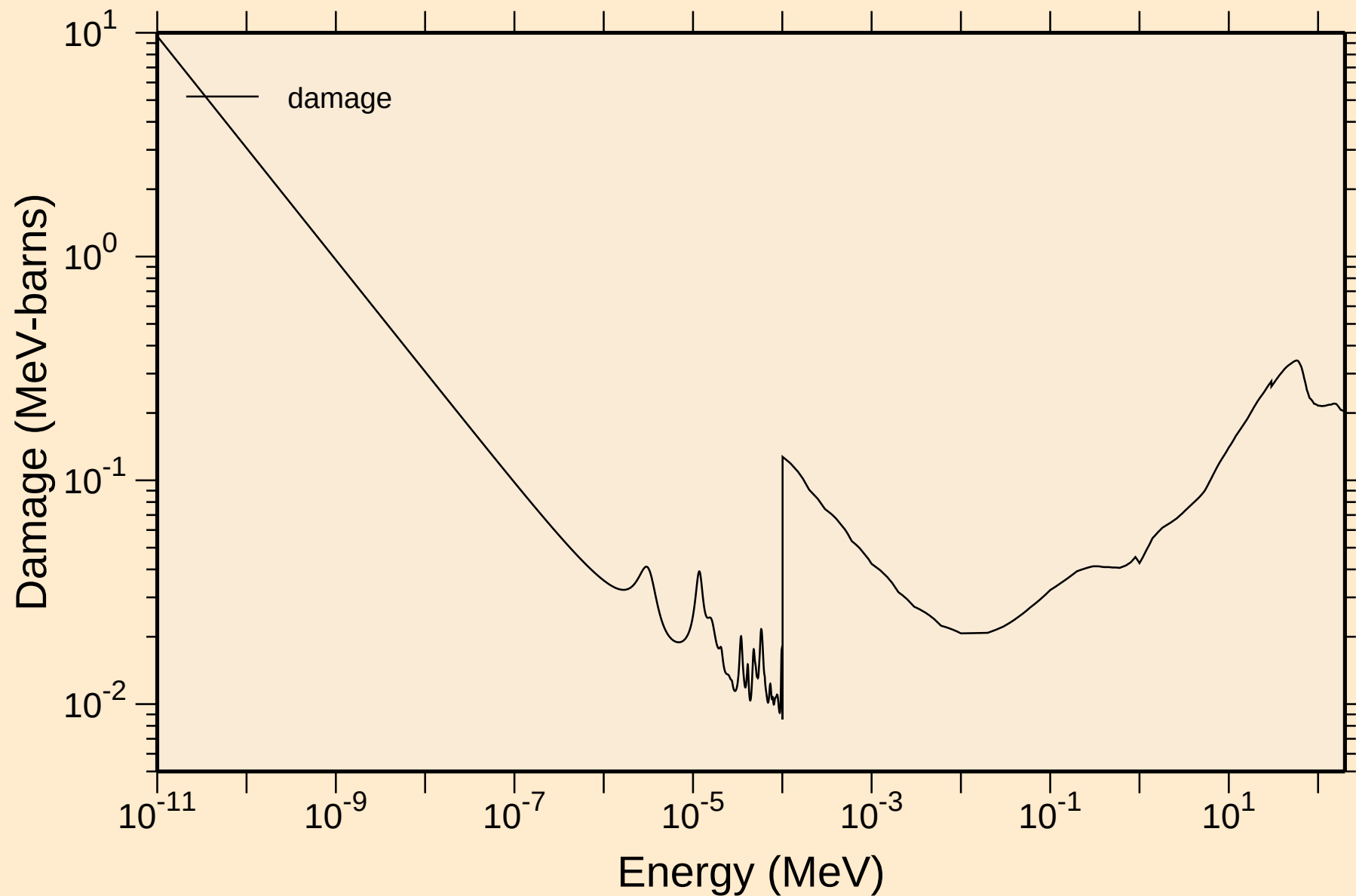
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating



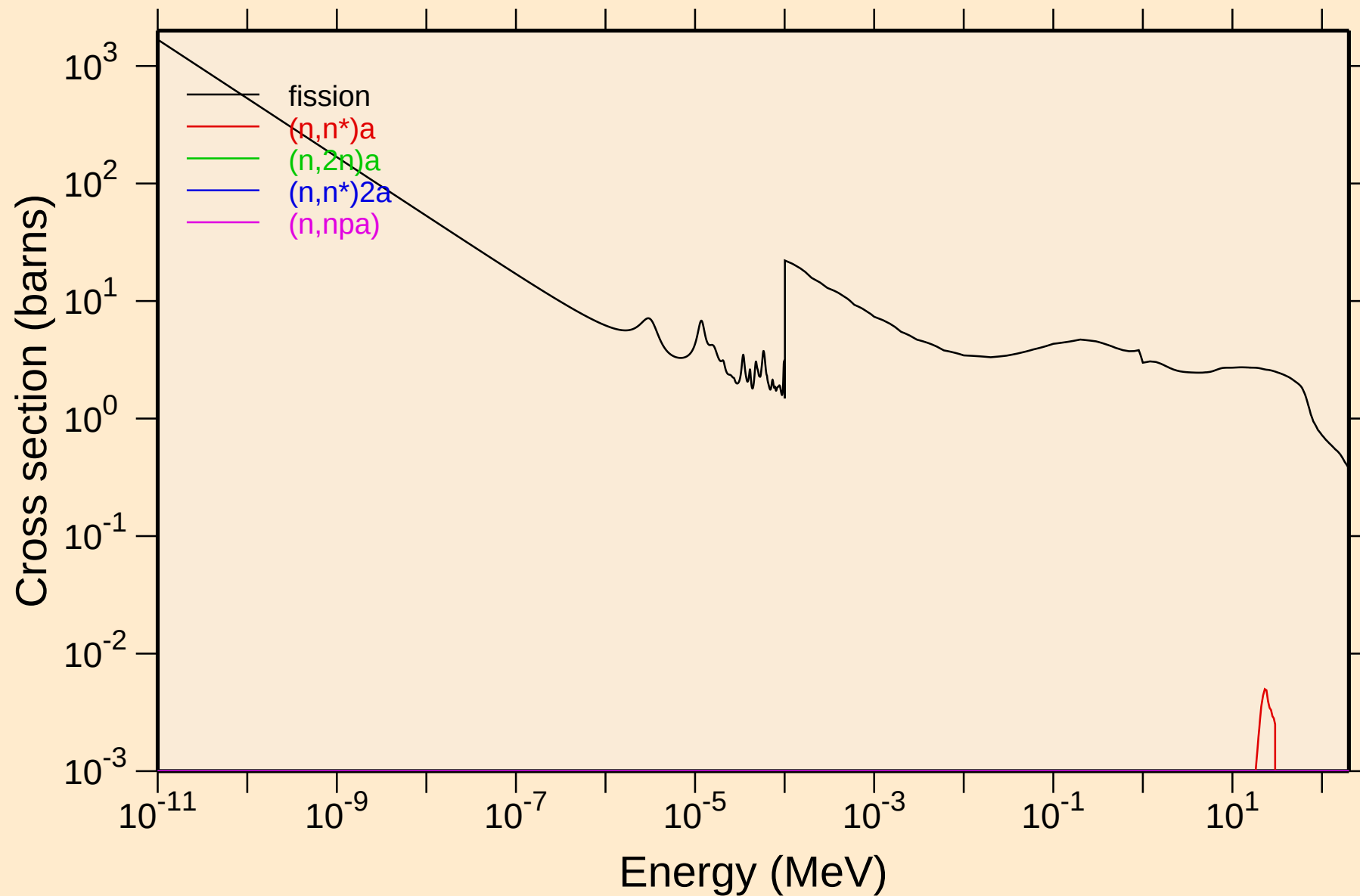
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage



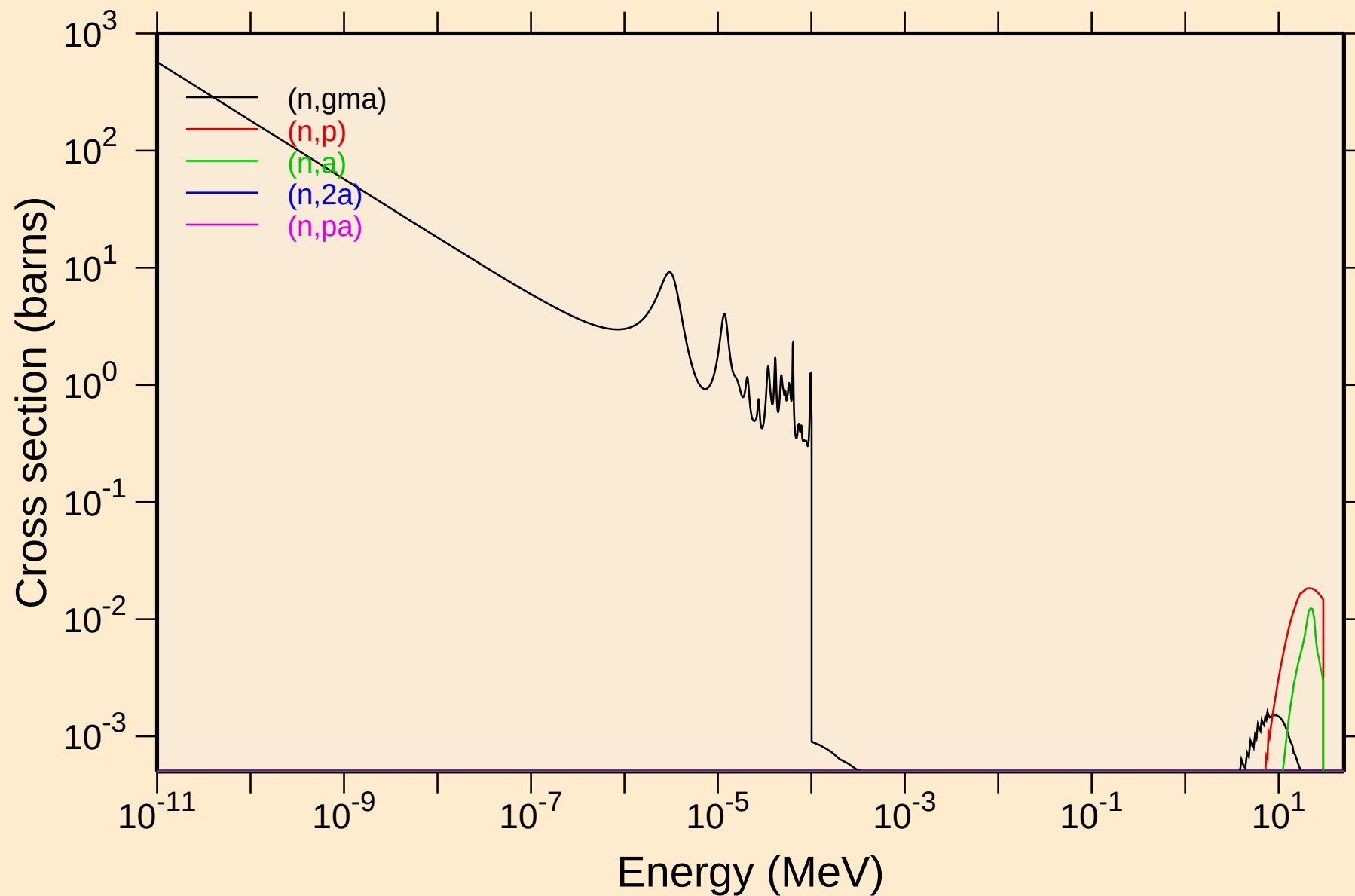
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



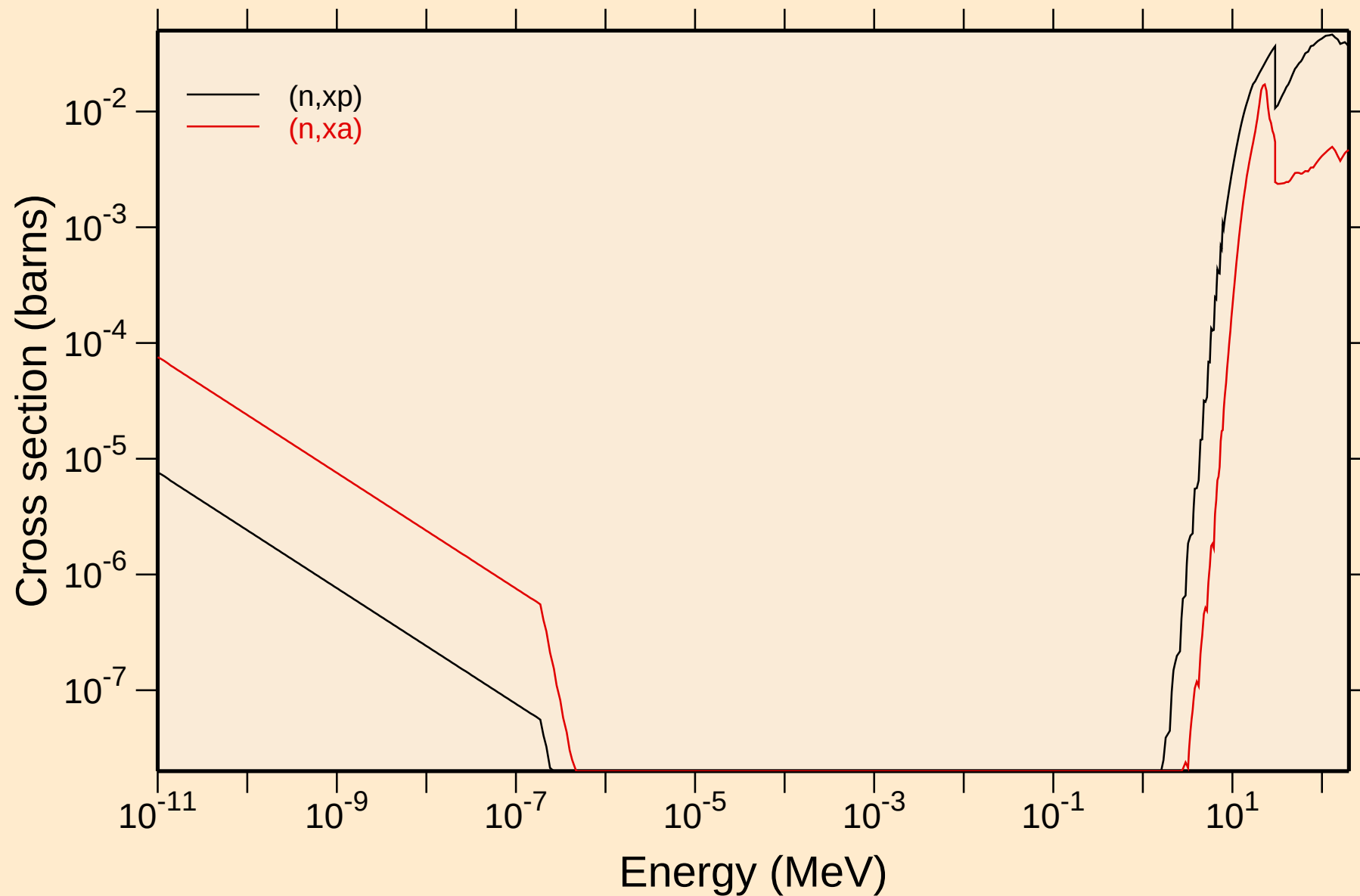
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



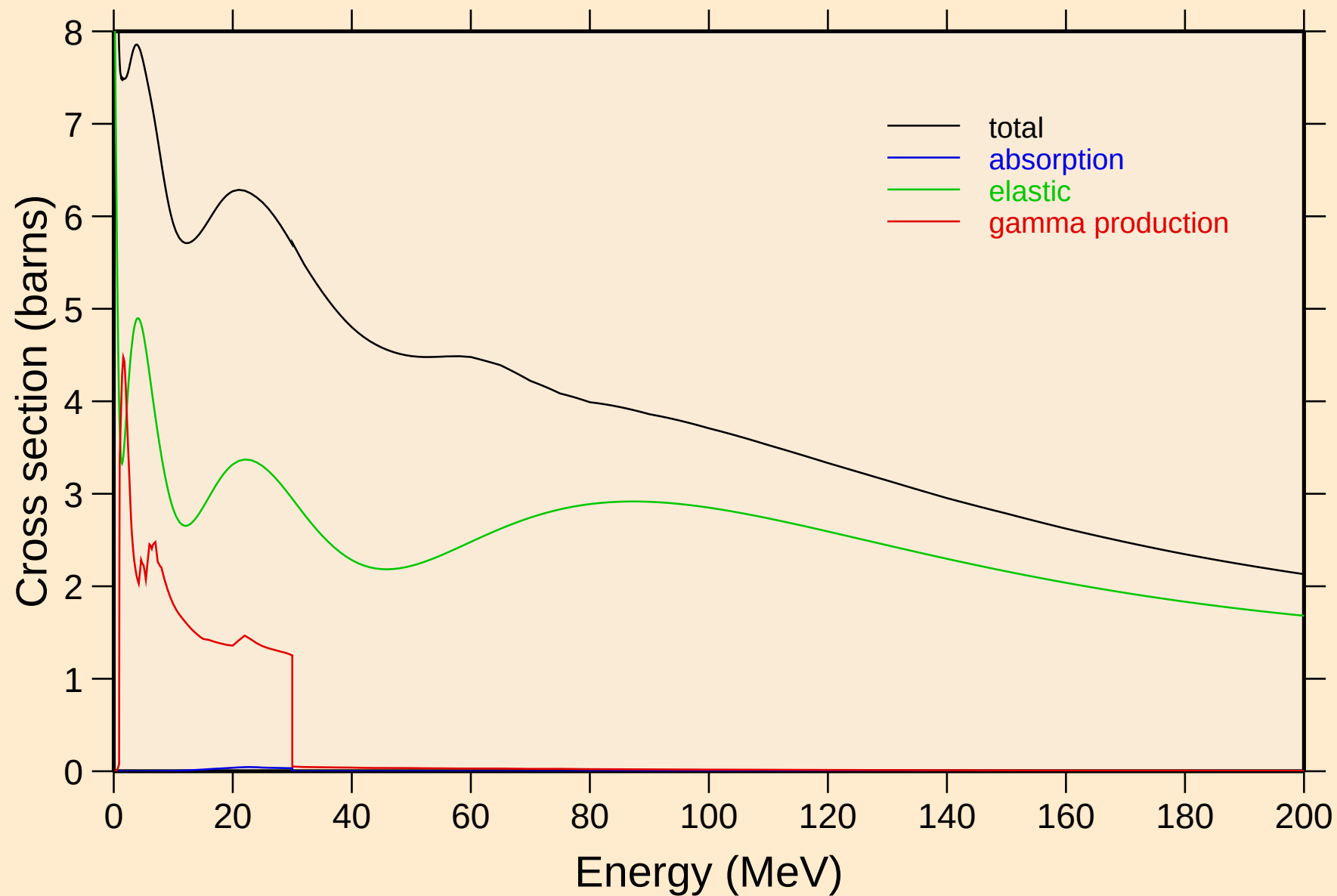
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



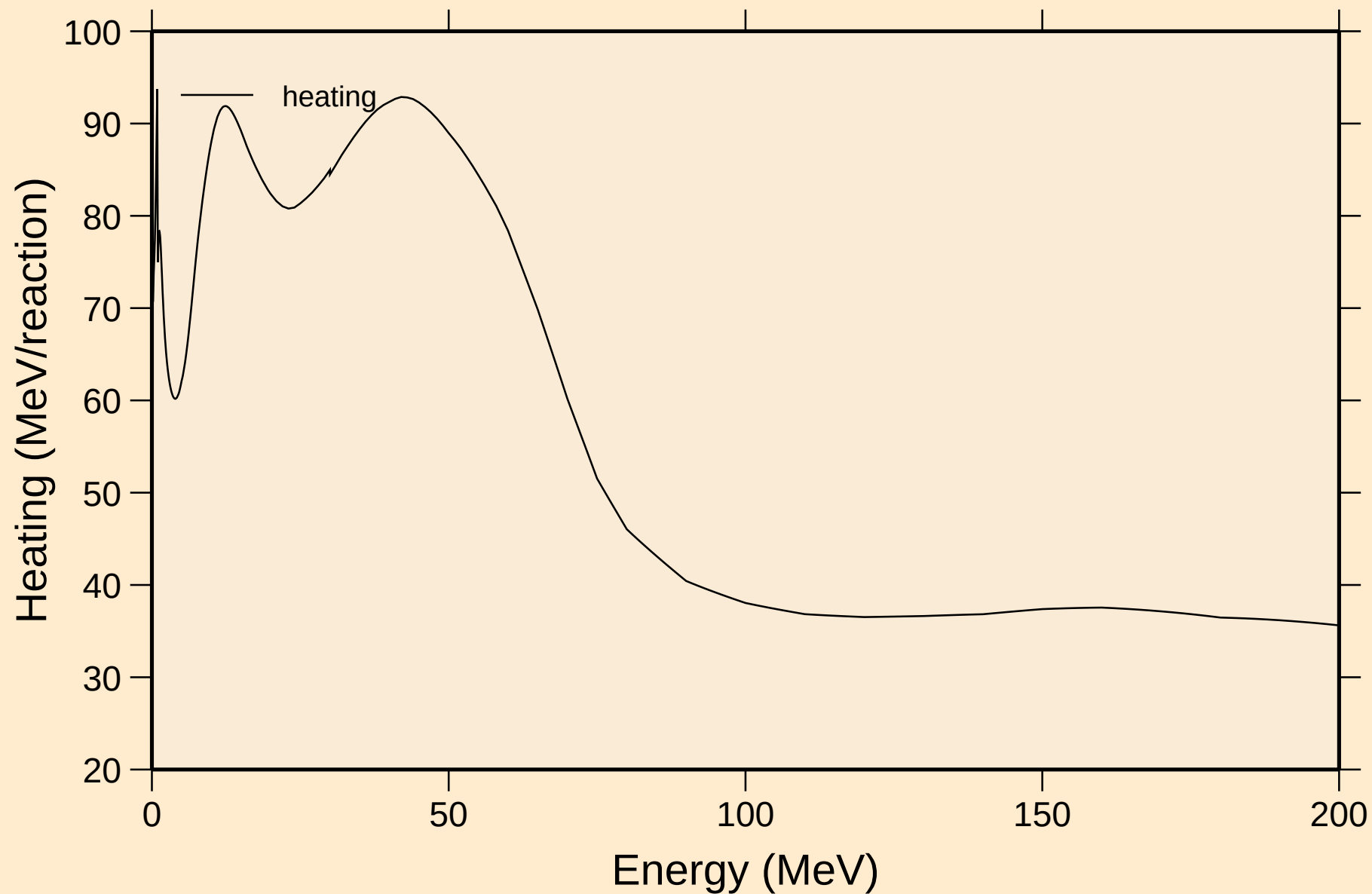
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



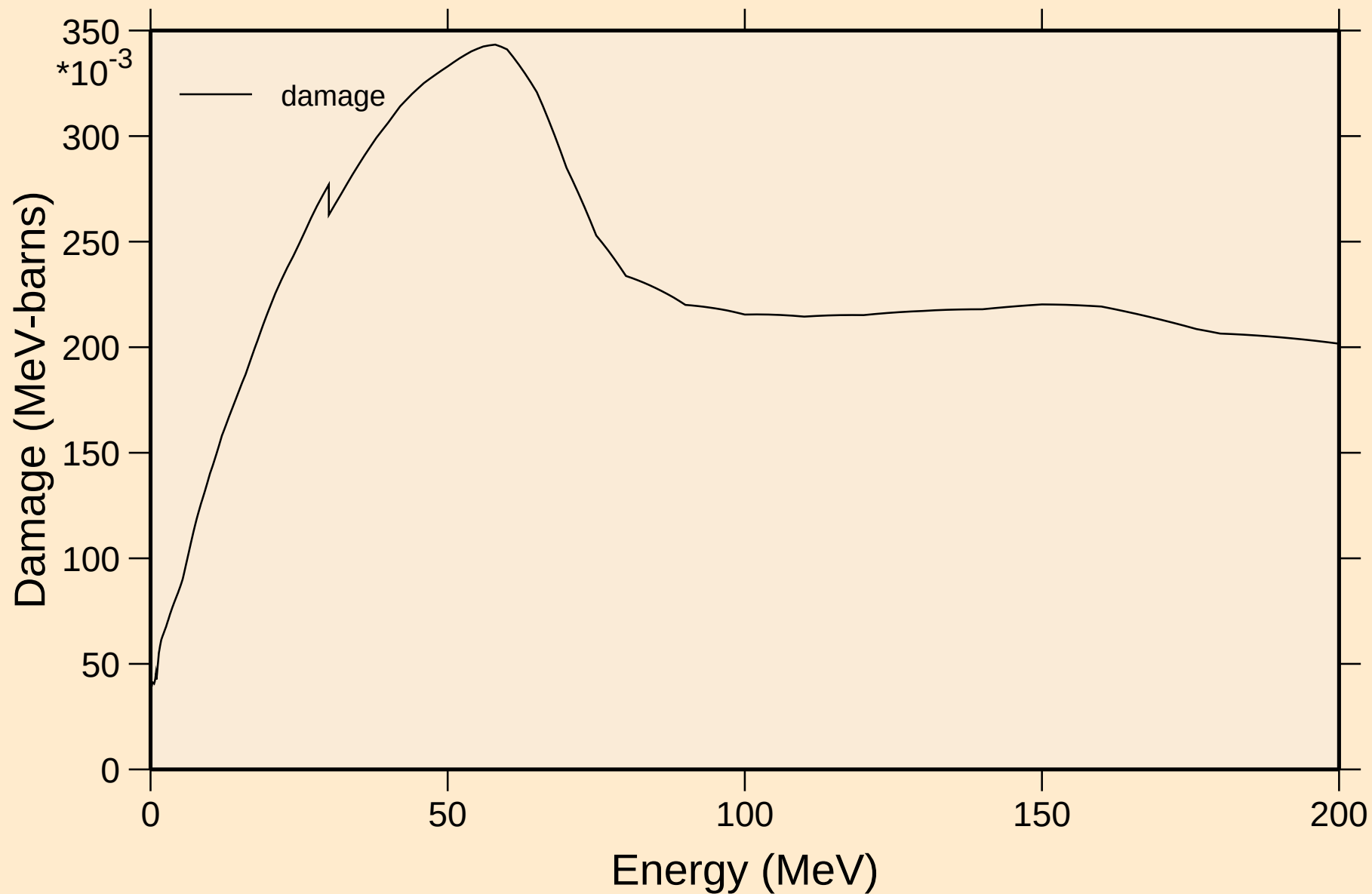
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating



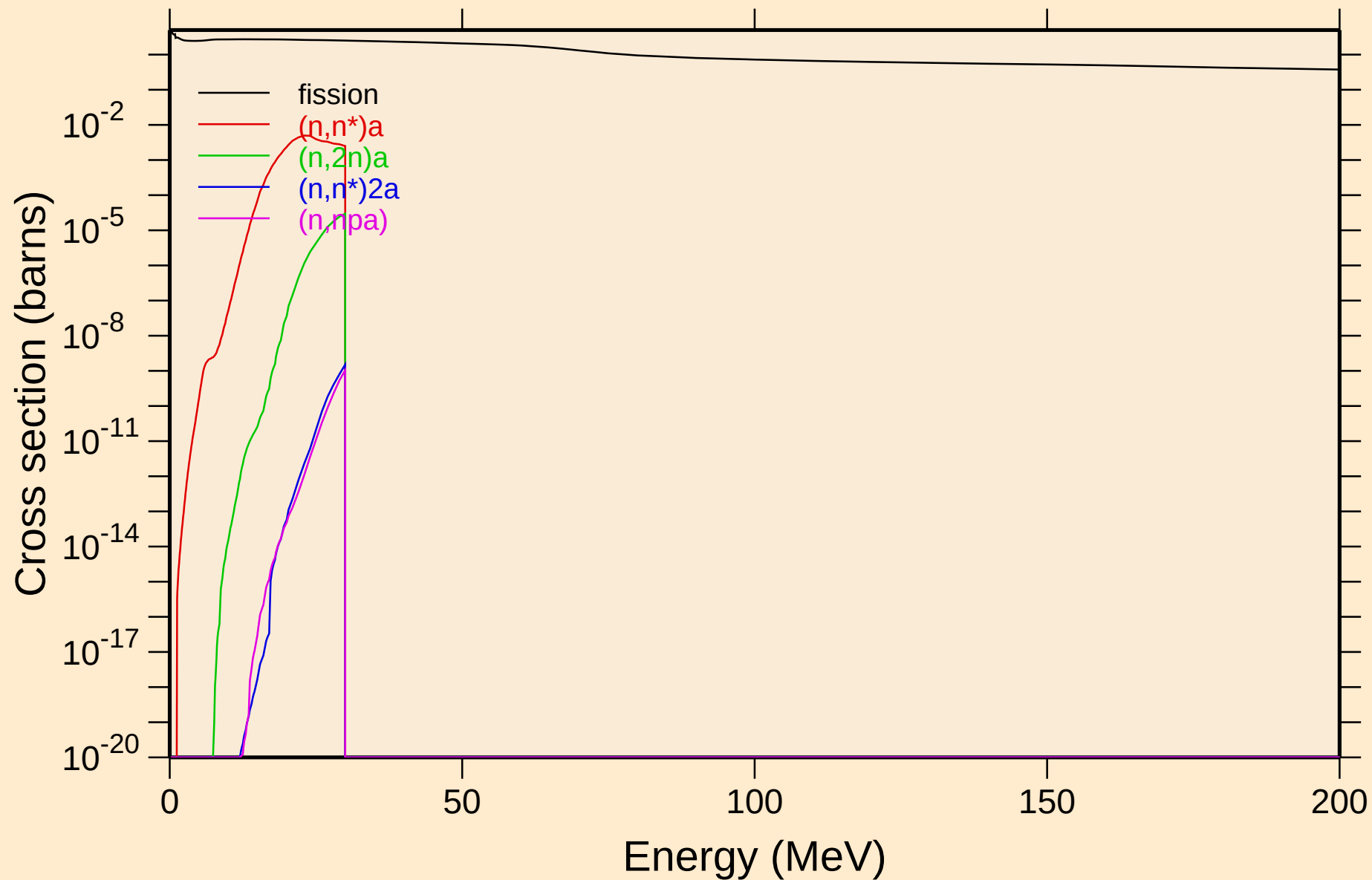
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

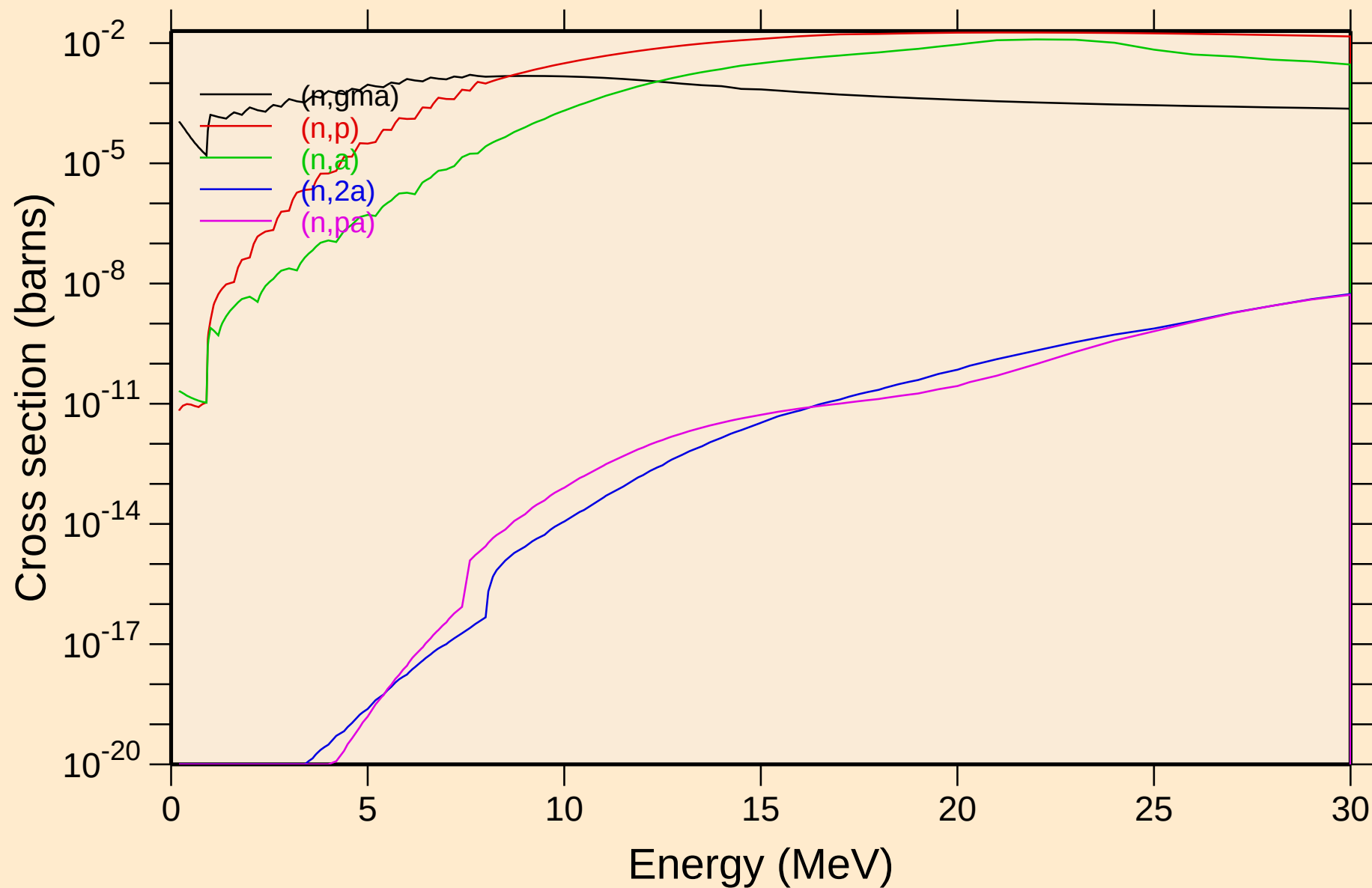


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

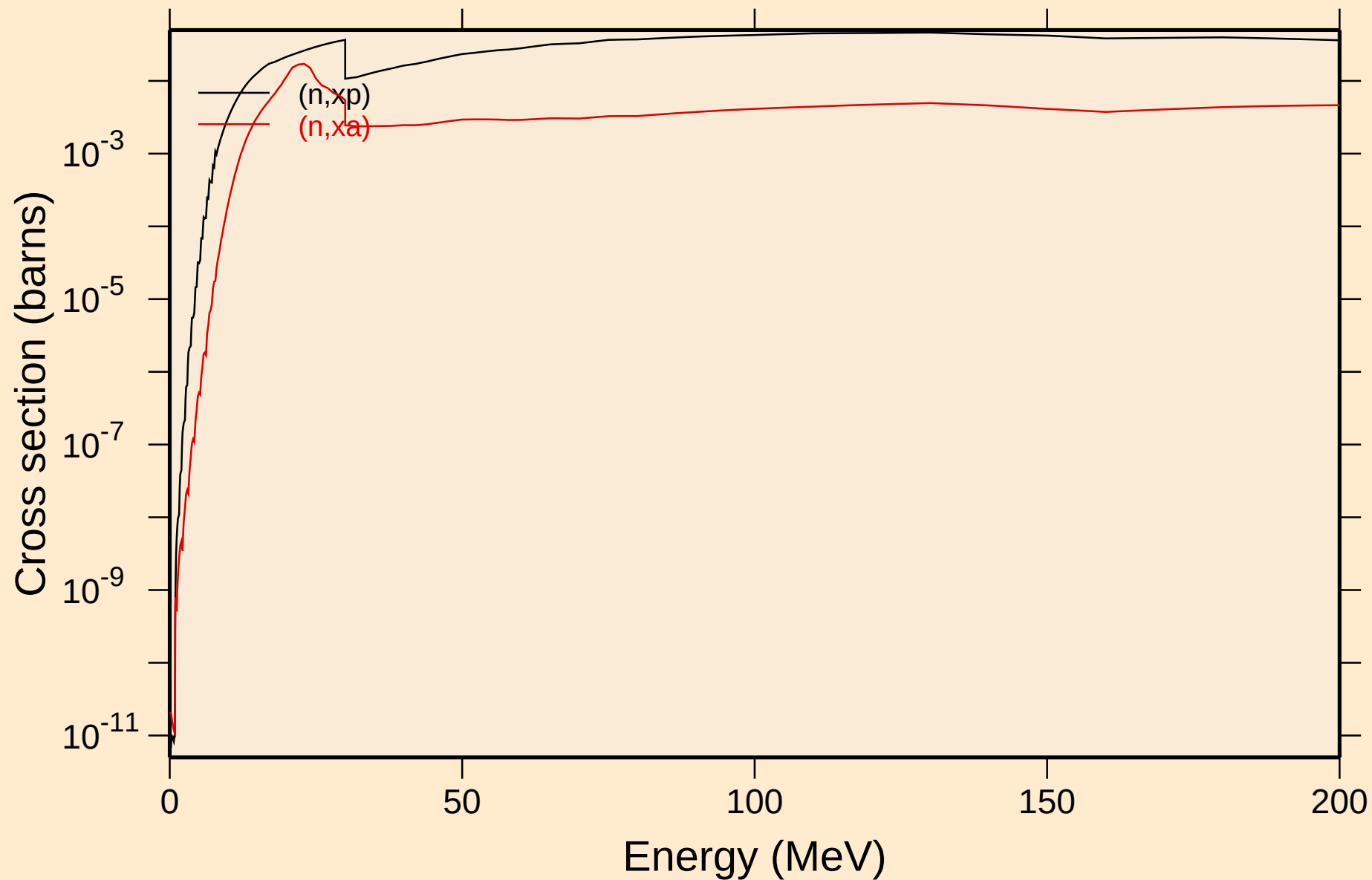


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



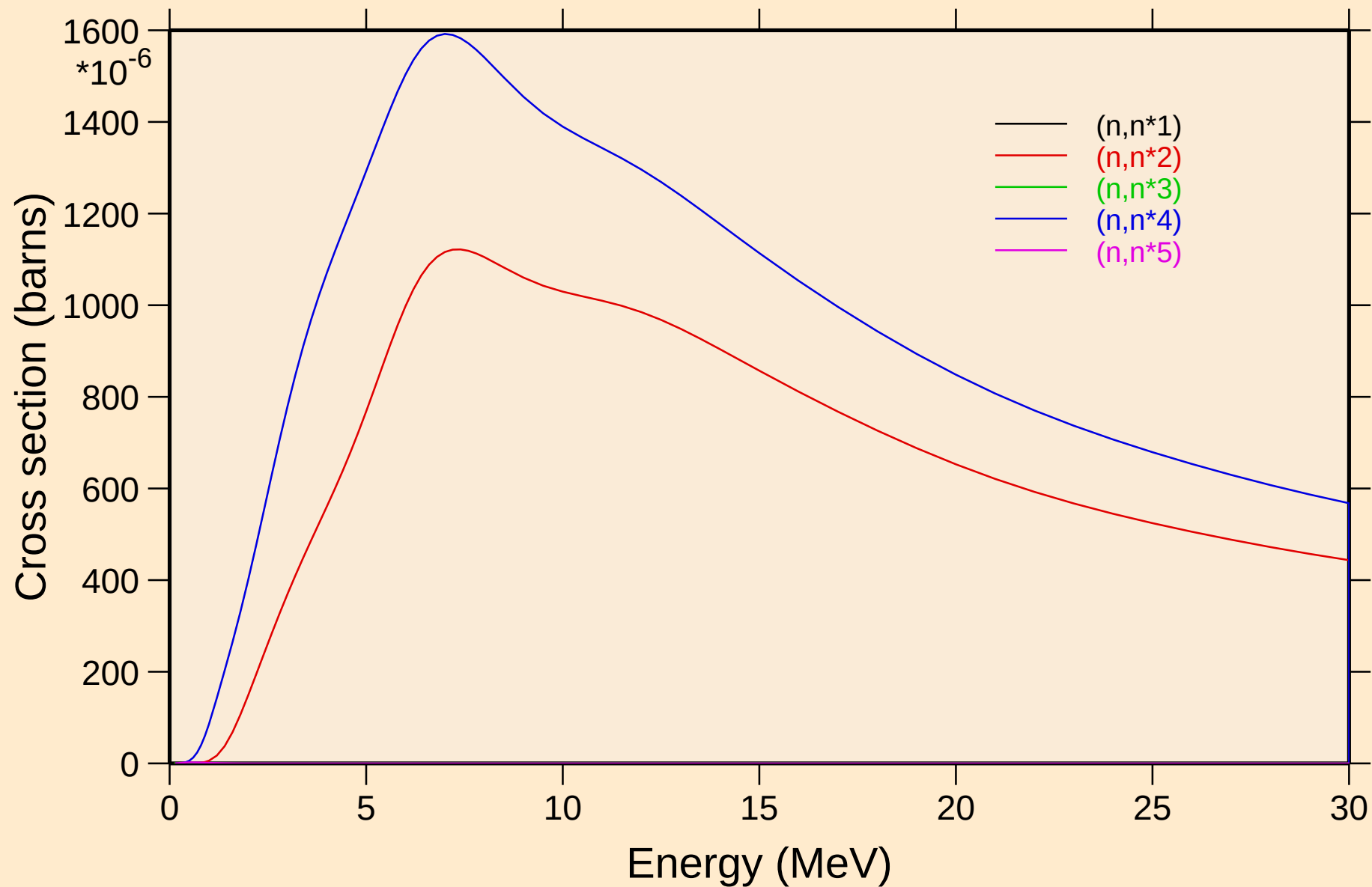
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



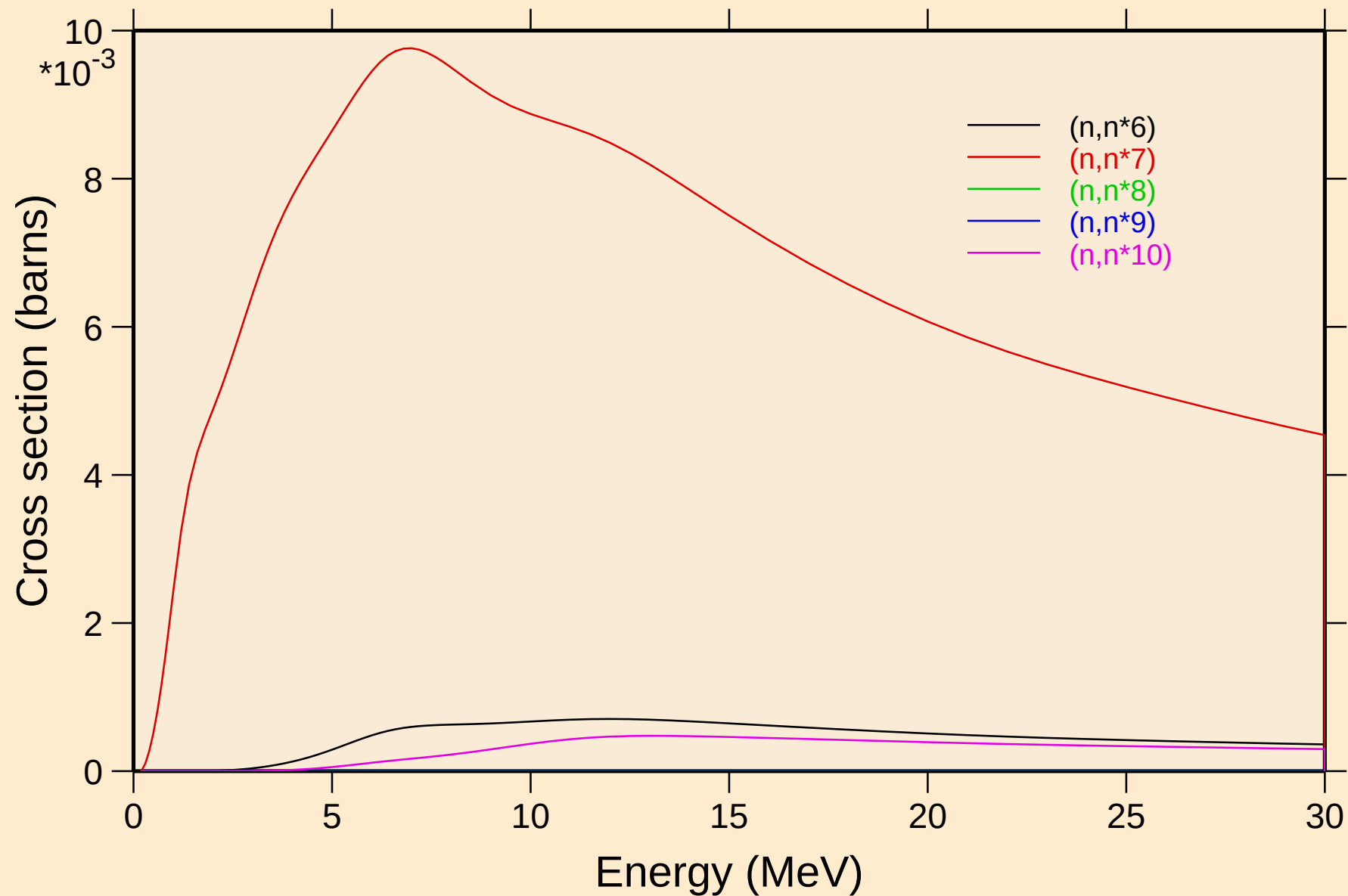
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



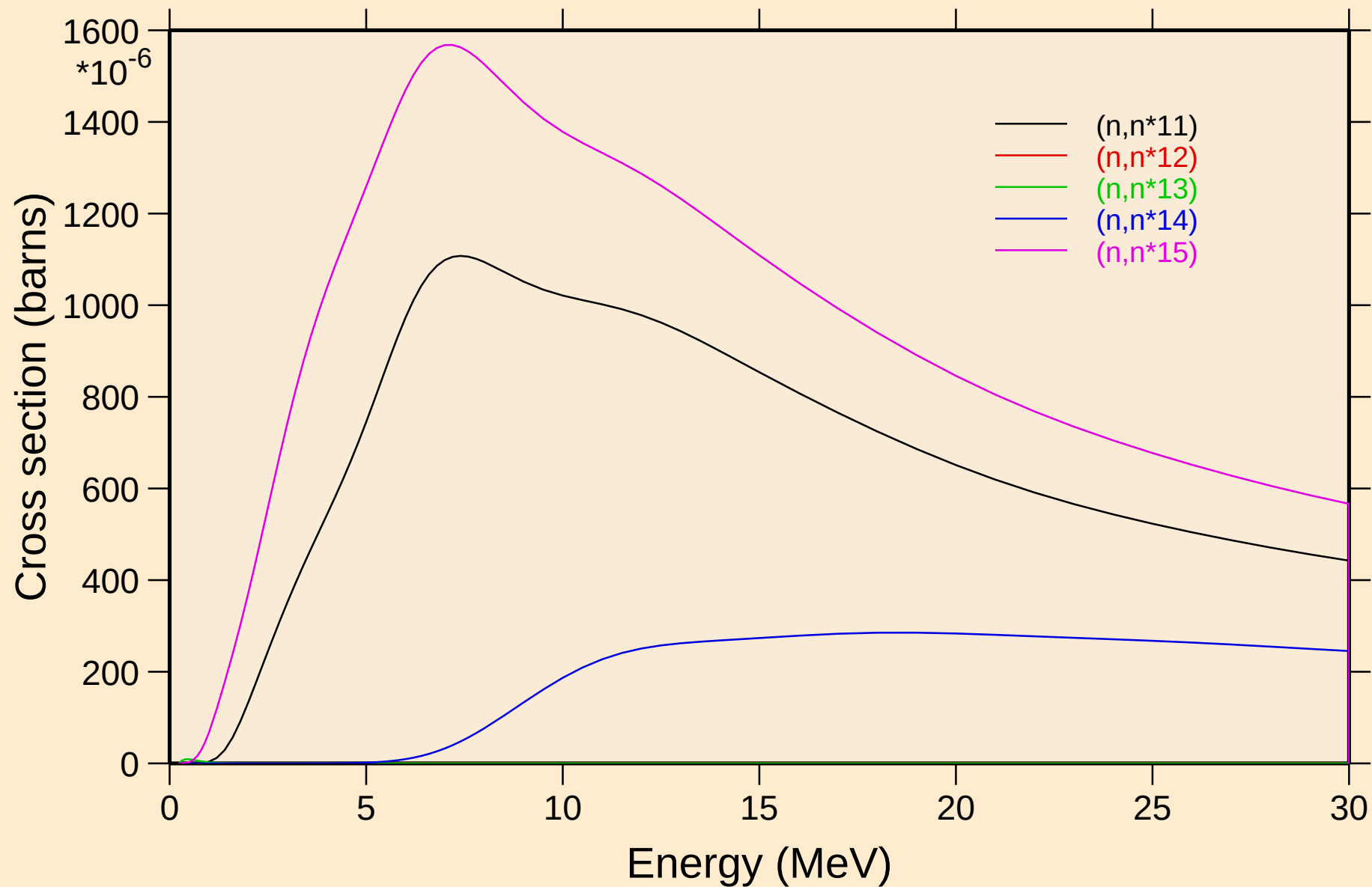
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



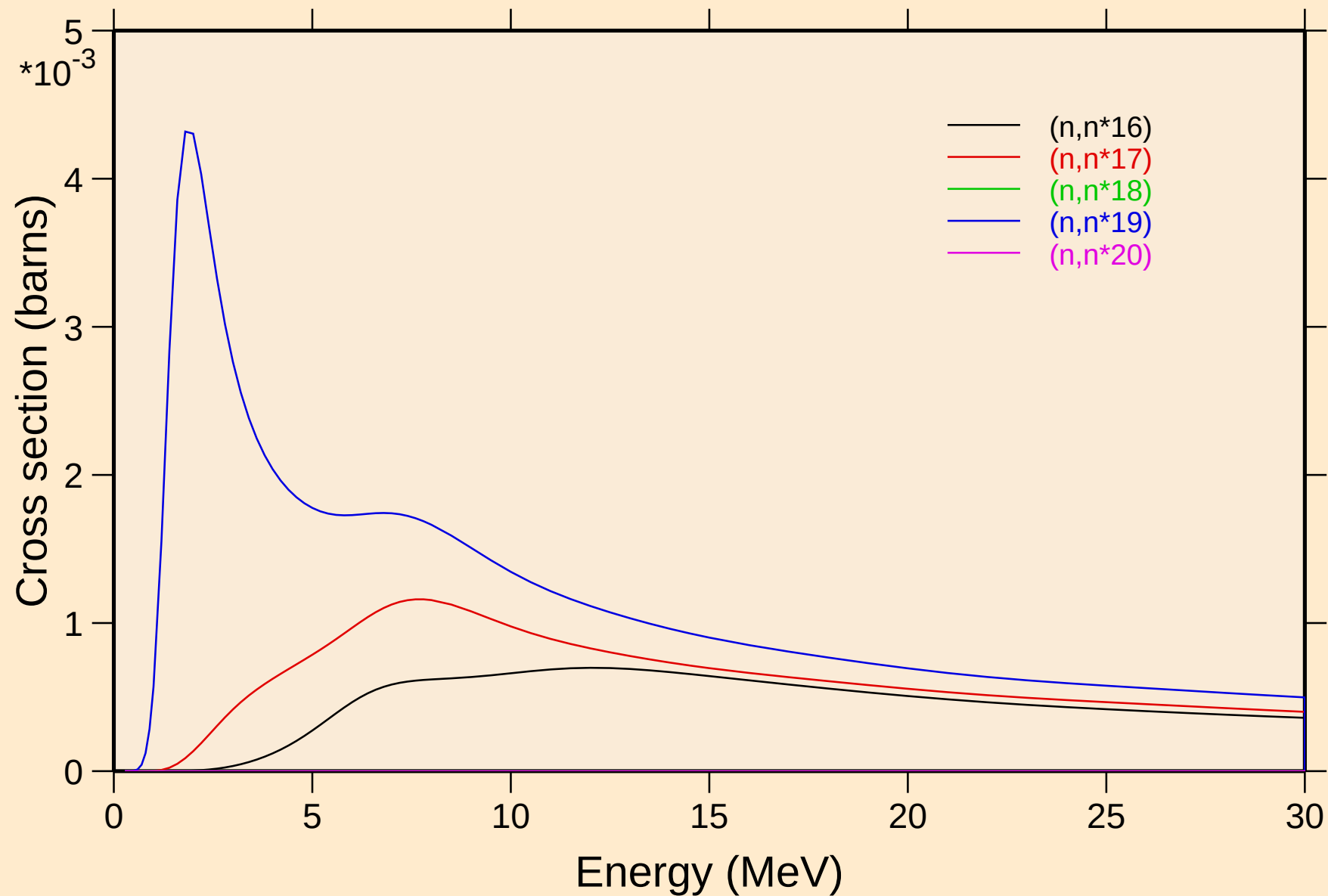
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



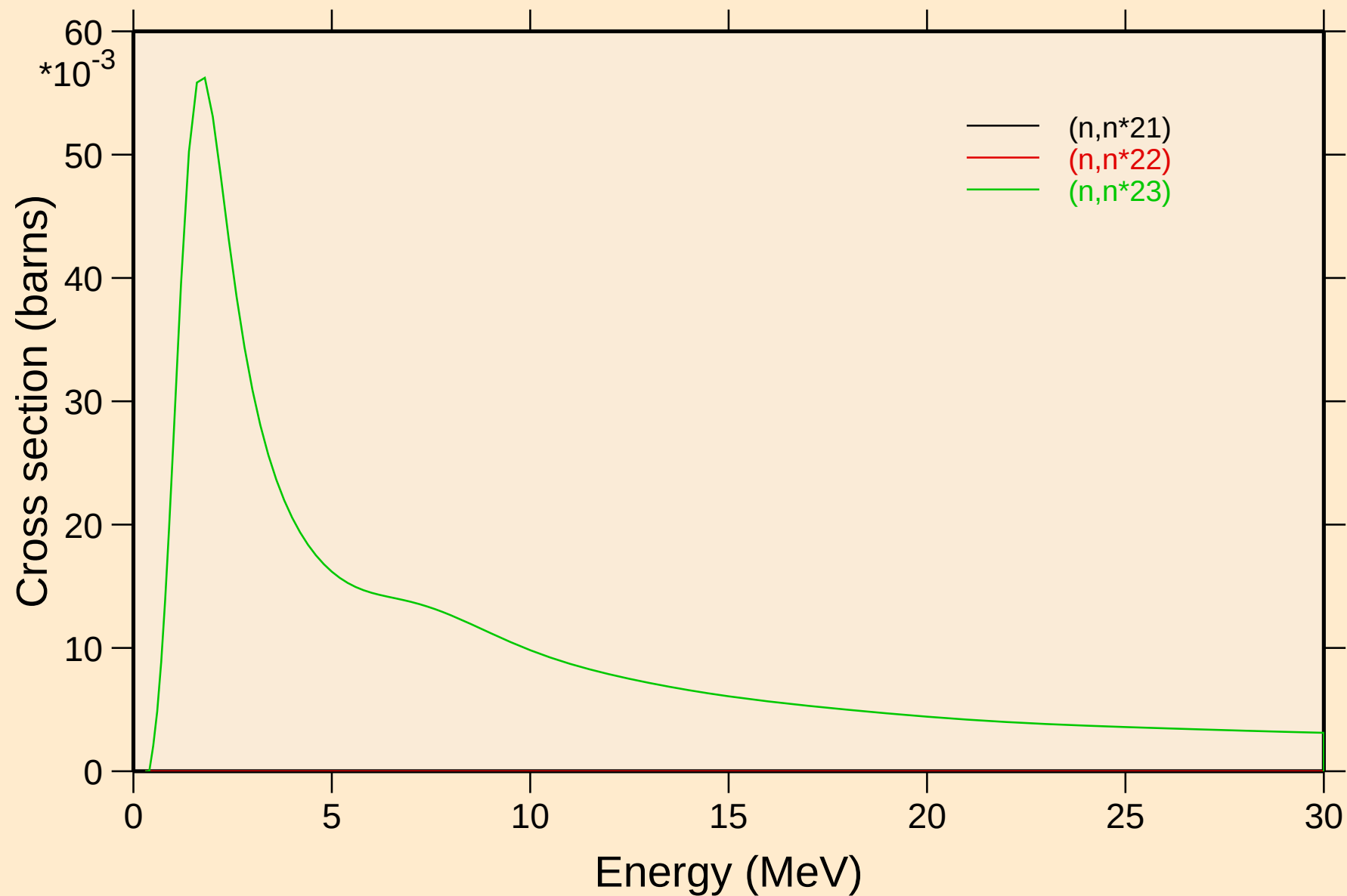
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



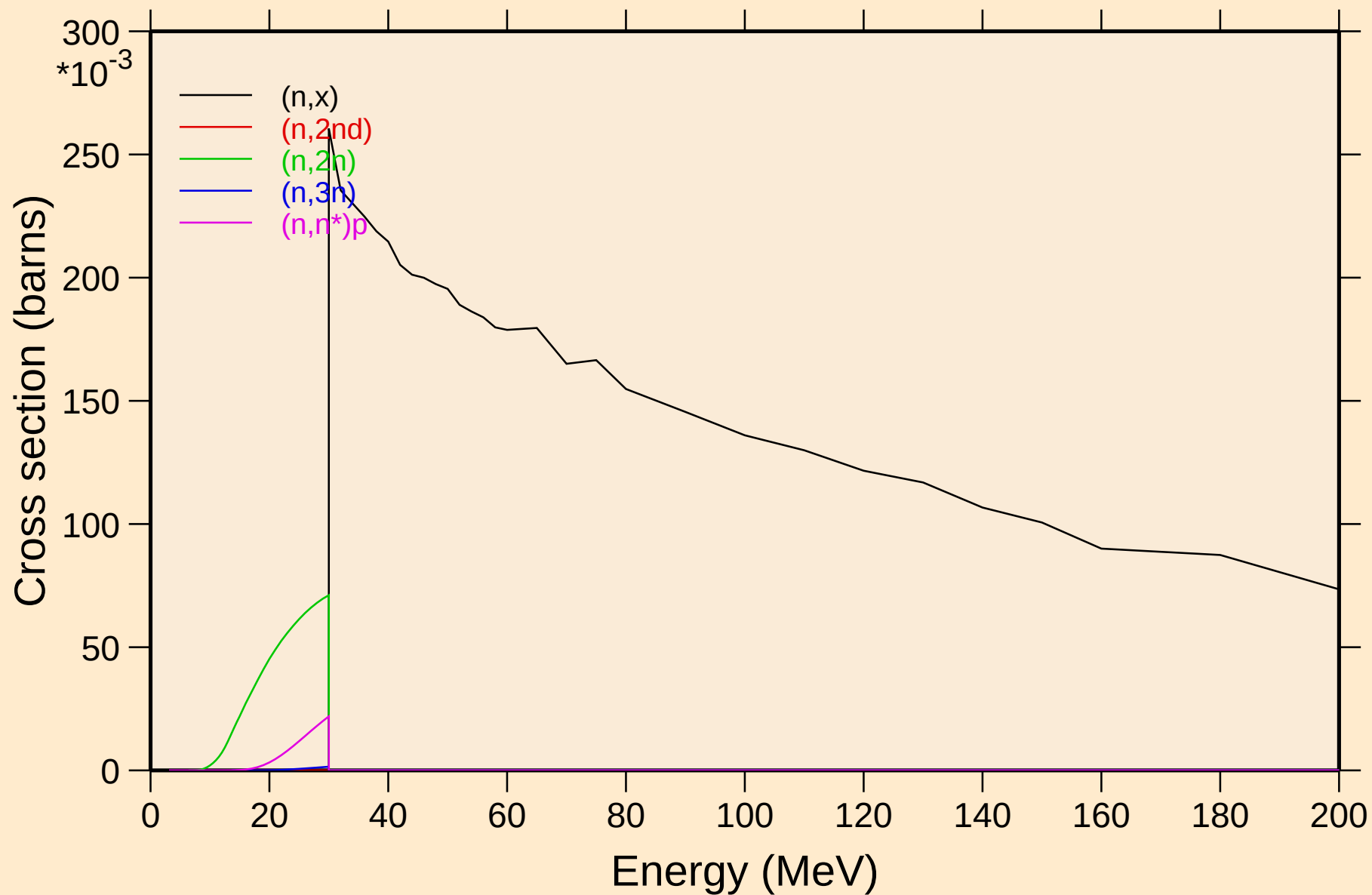
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



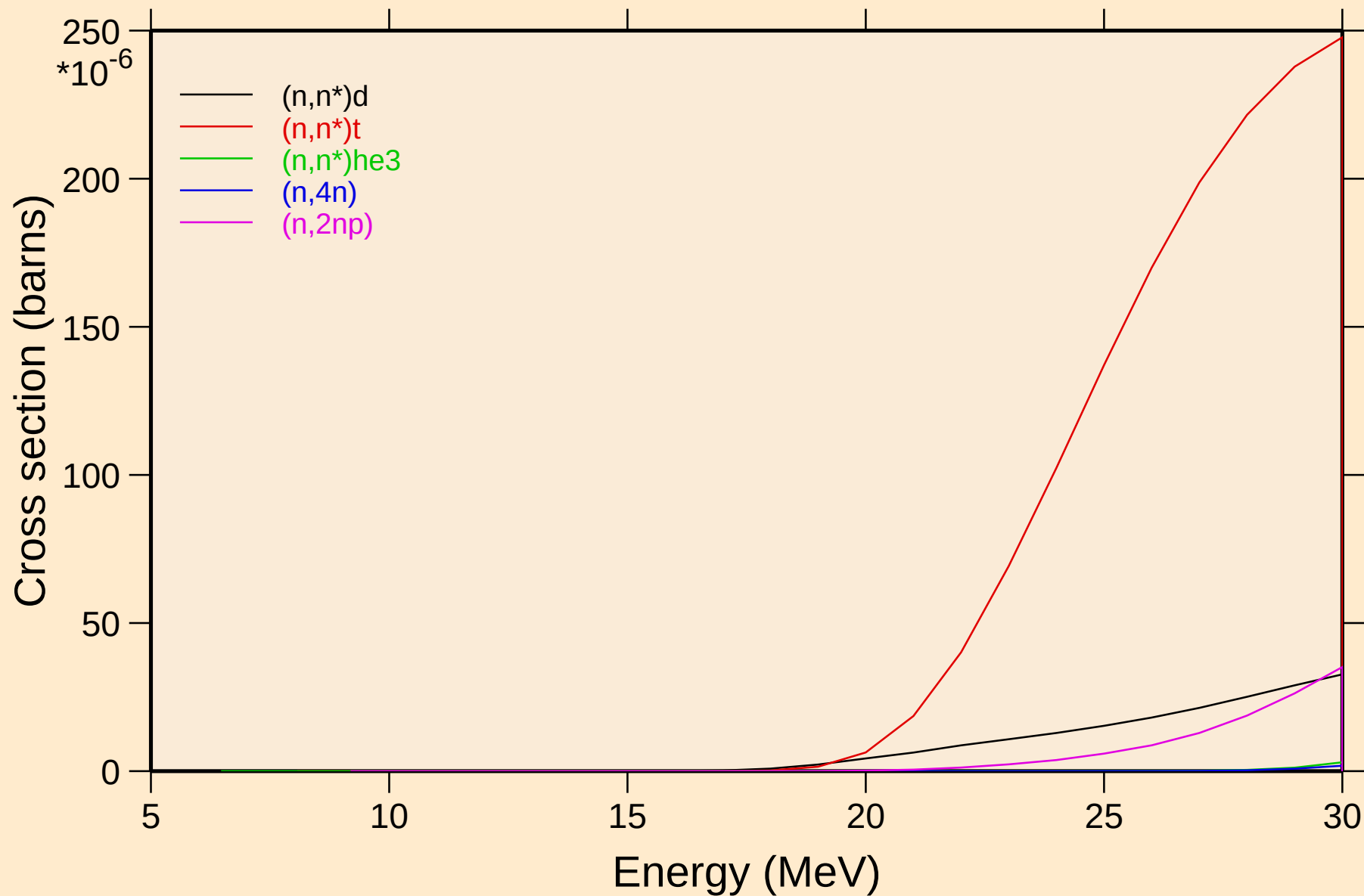
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



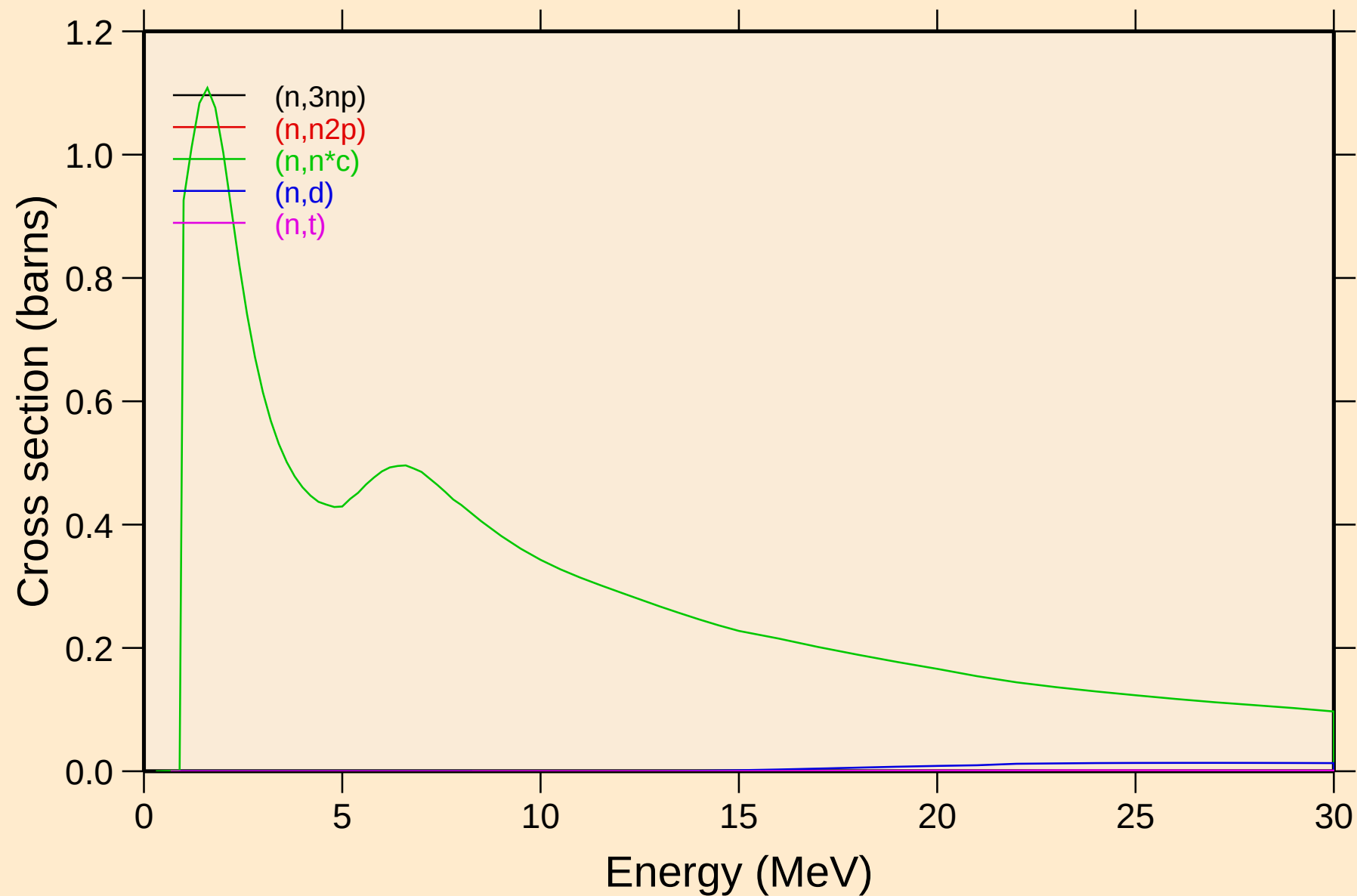
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



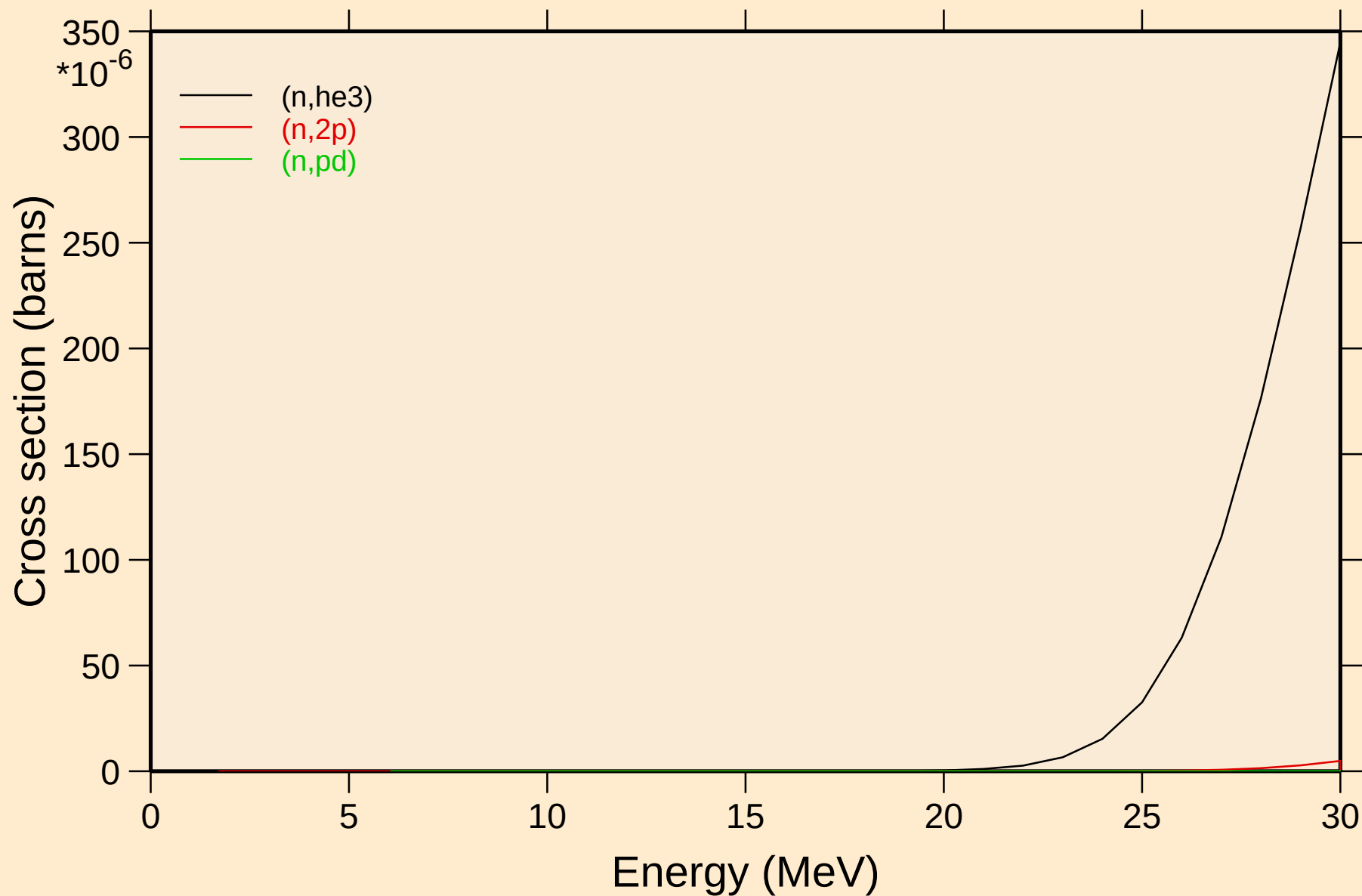
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



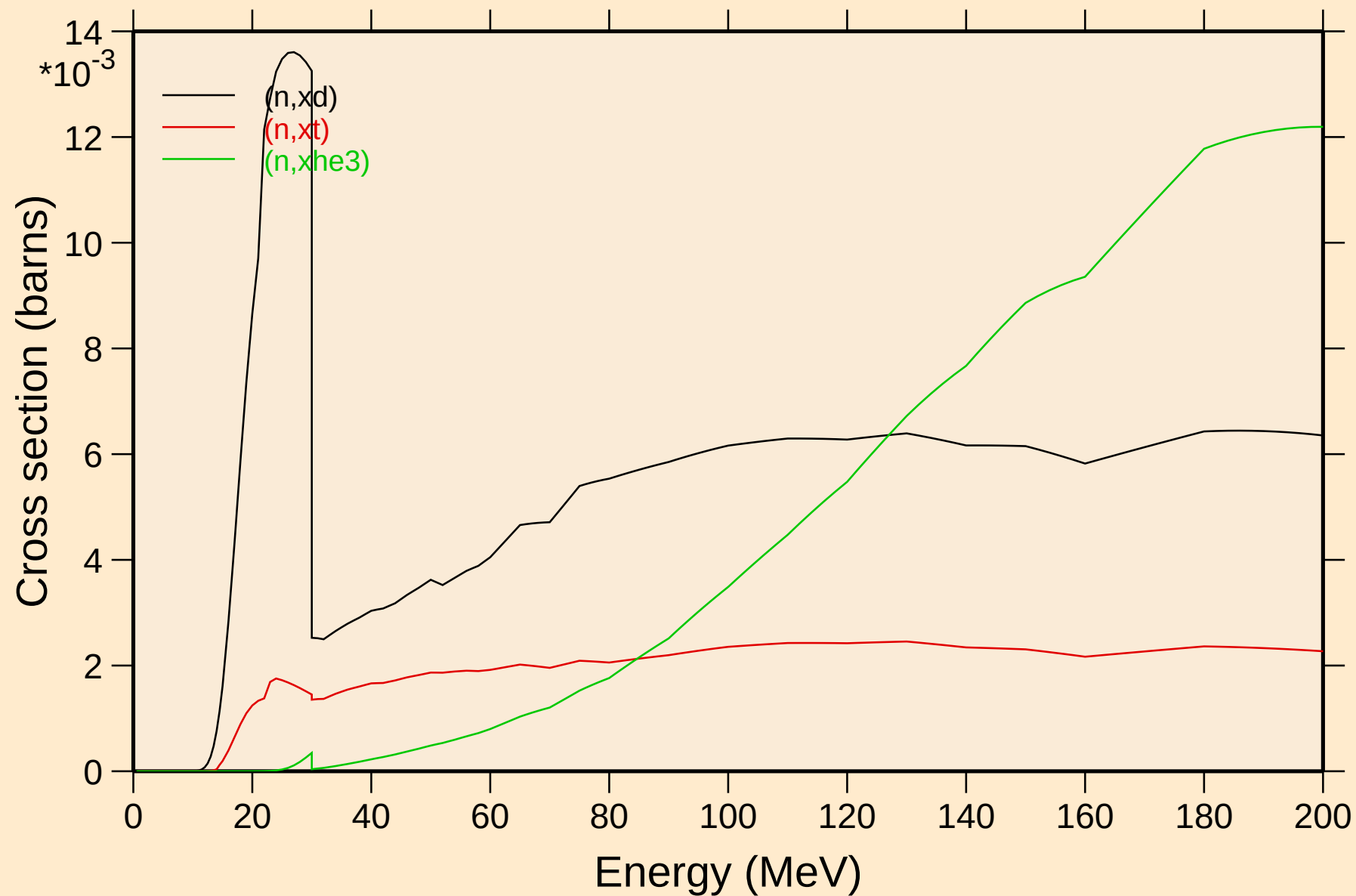
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

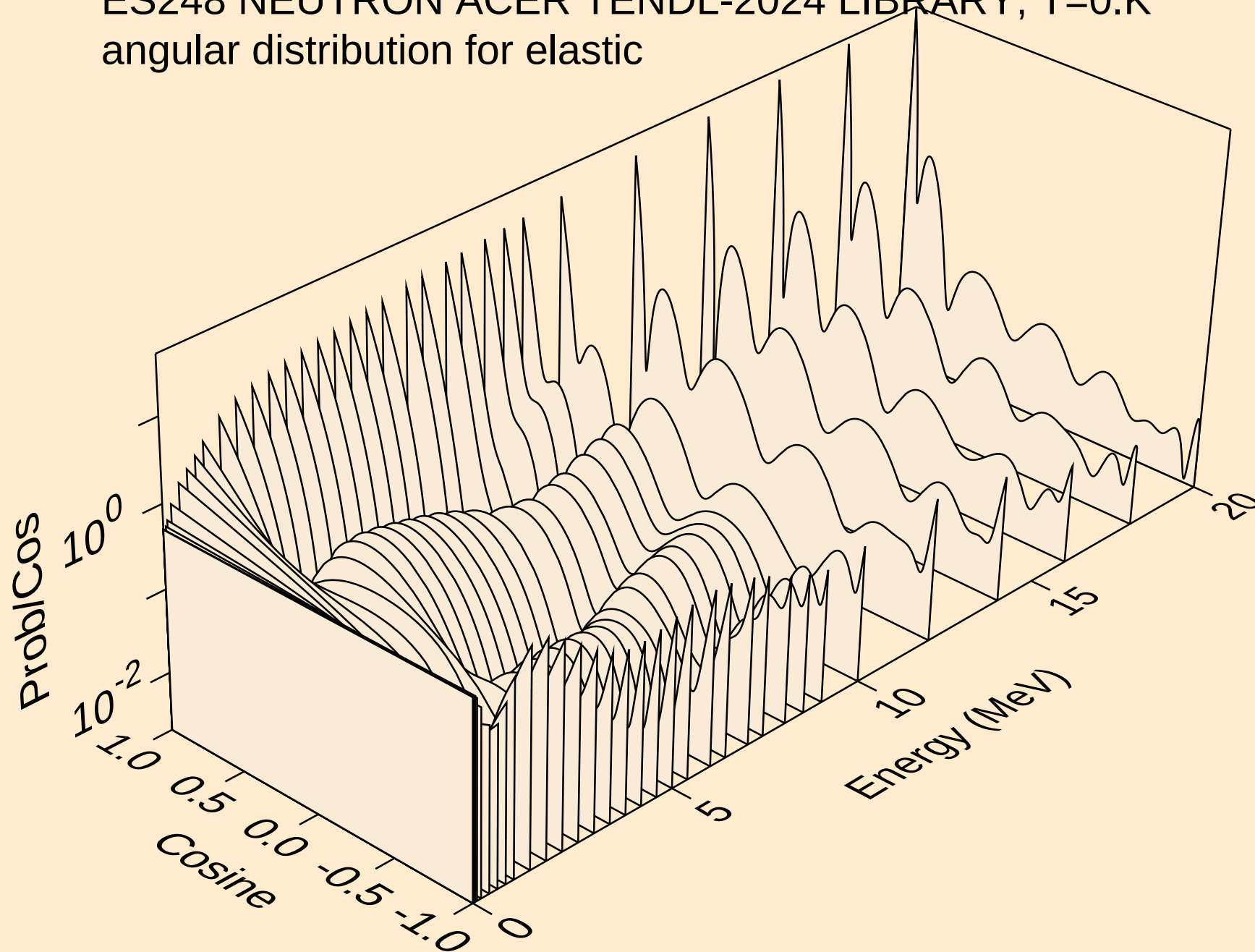


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

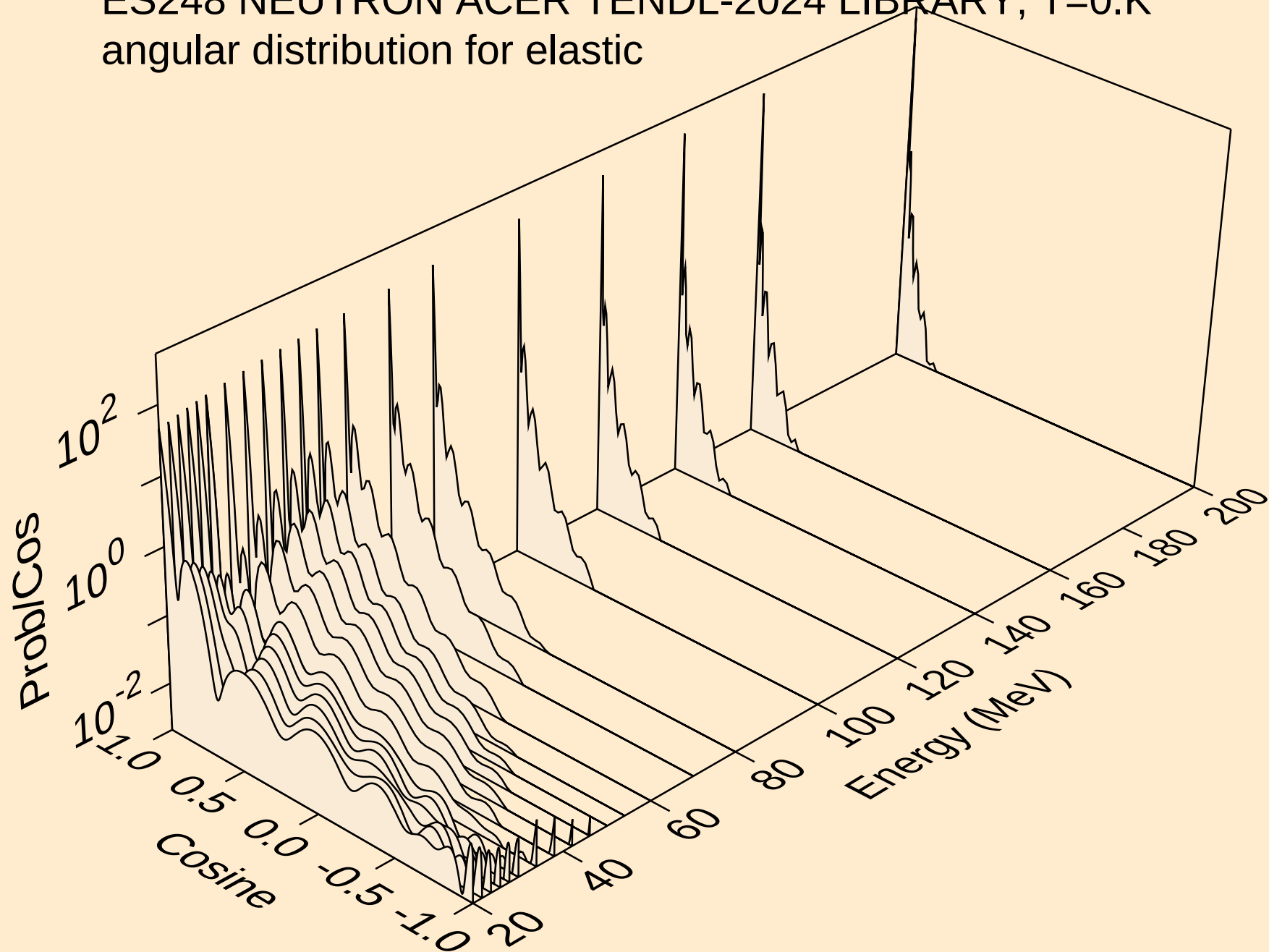
Threshold reactions



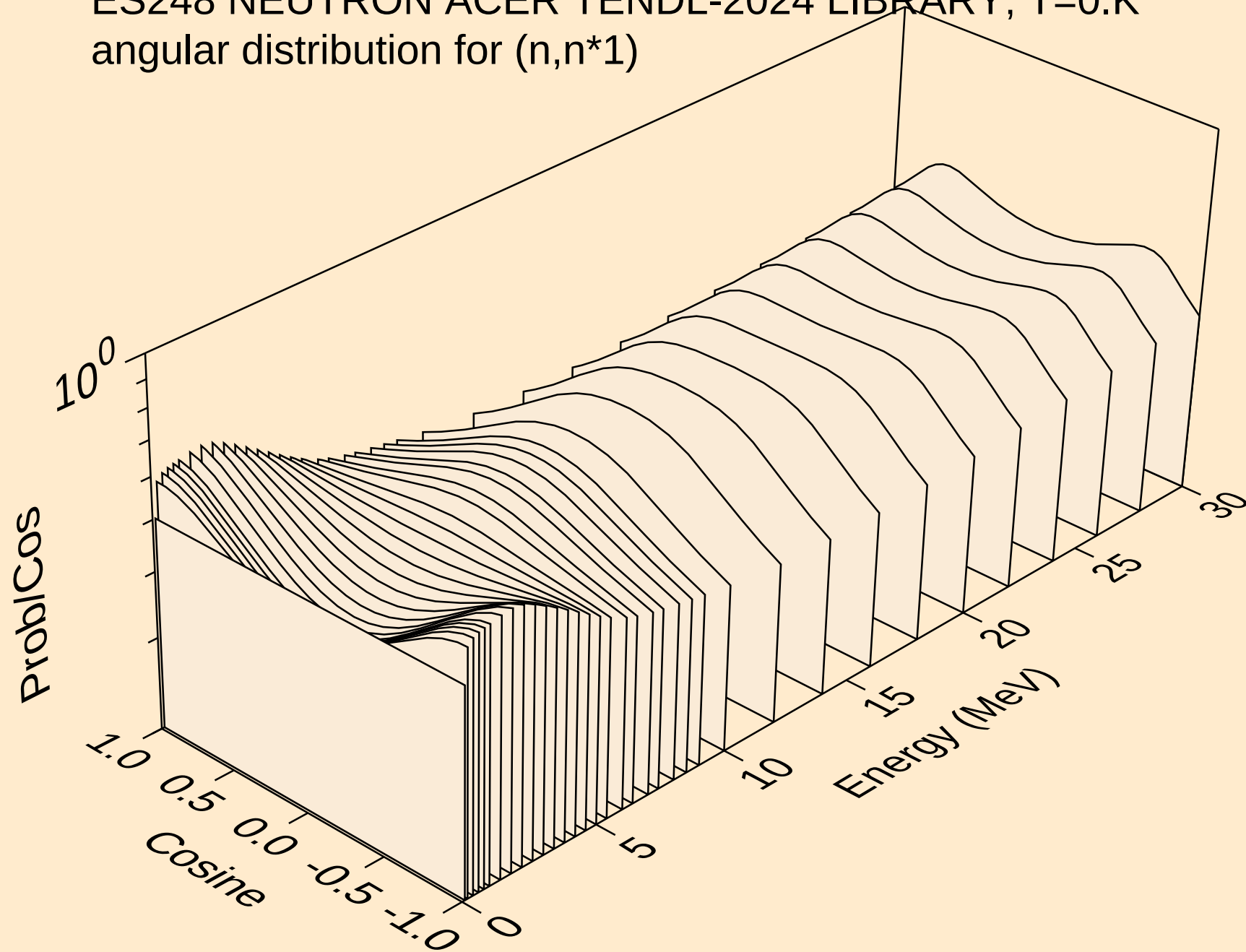
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



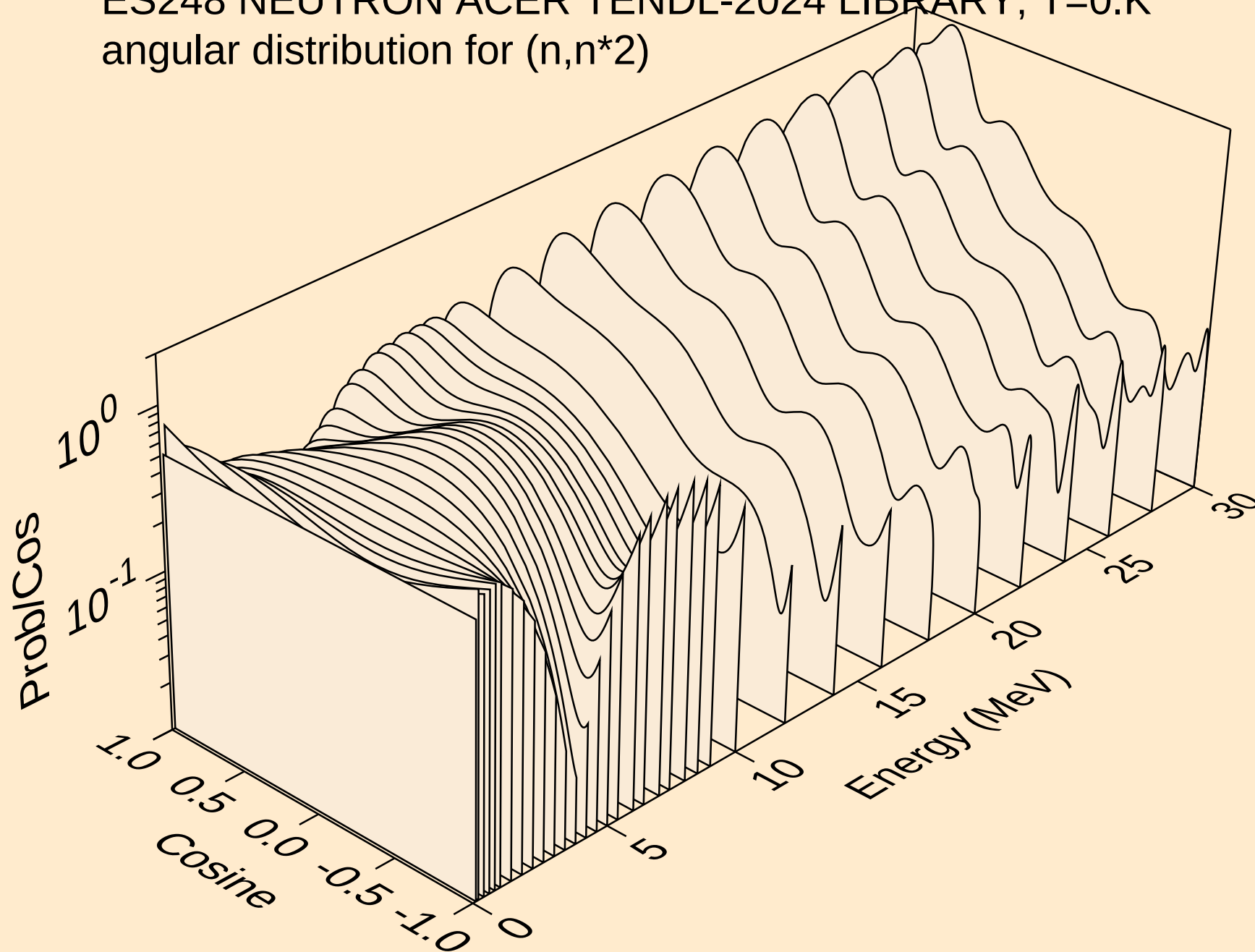
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



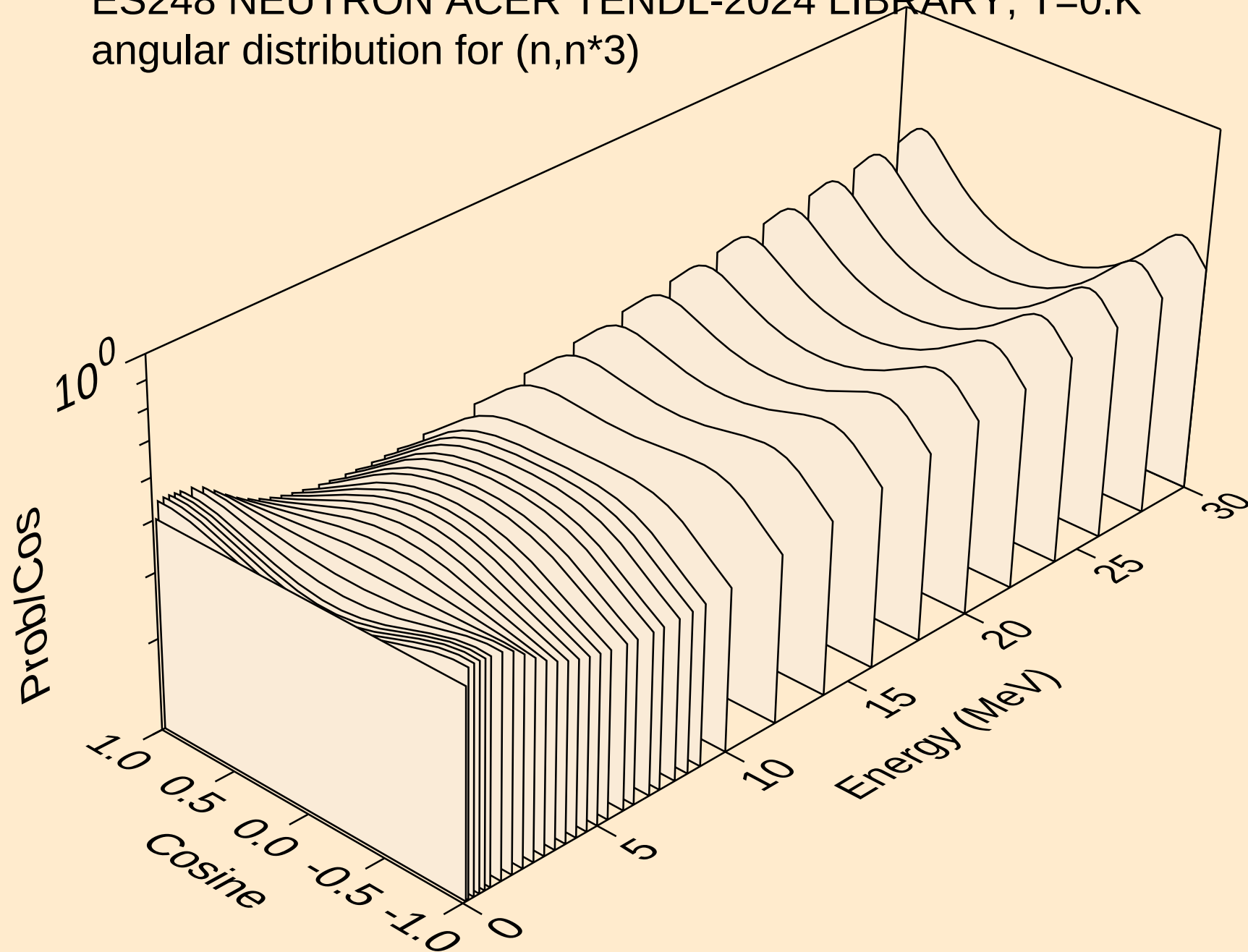
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



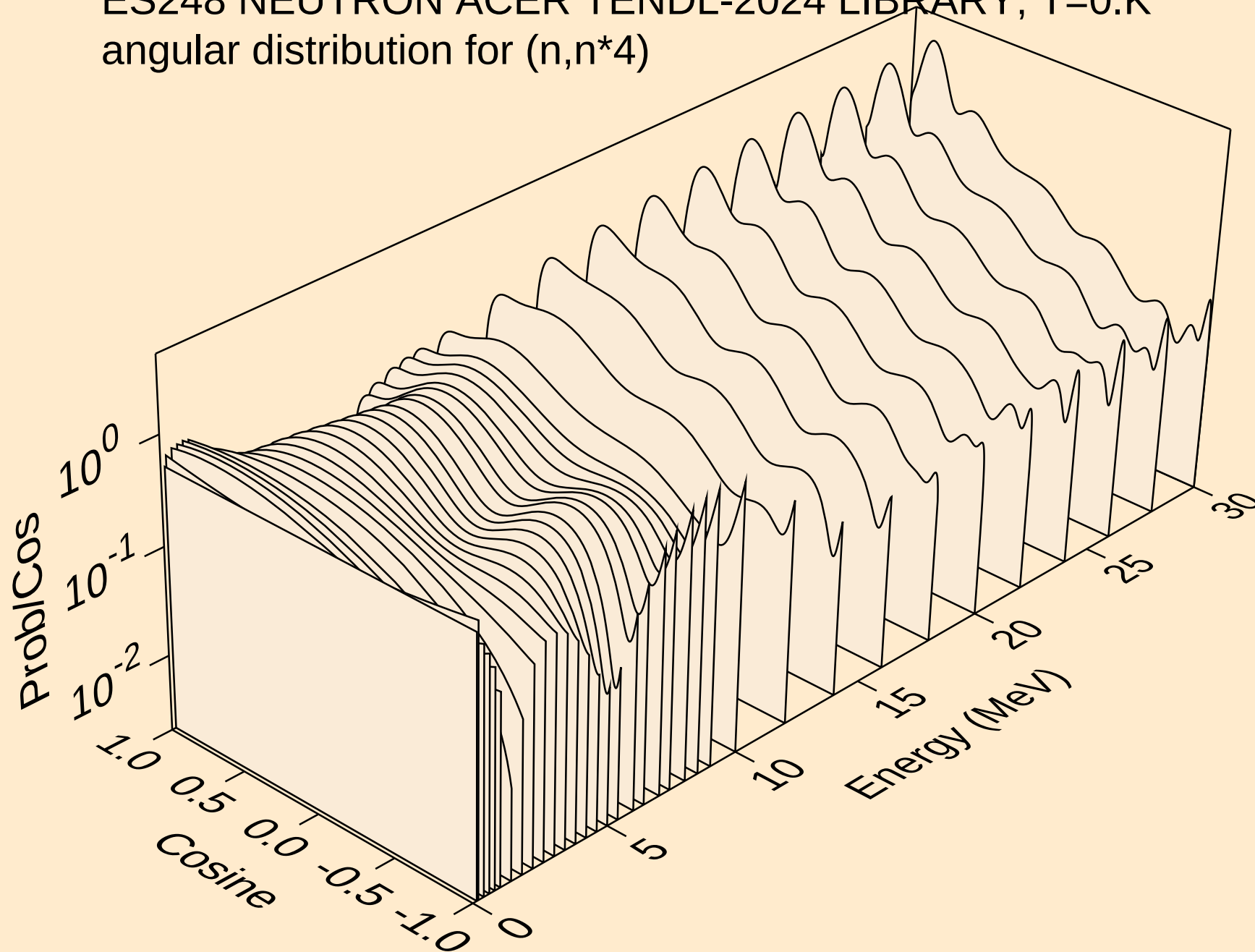
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



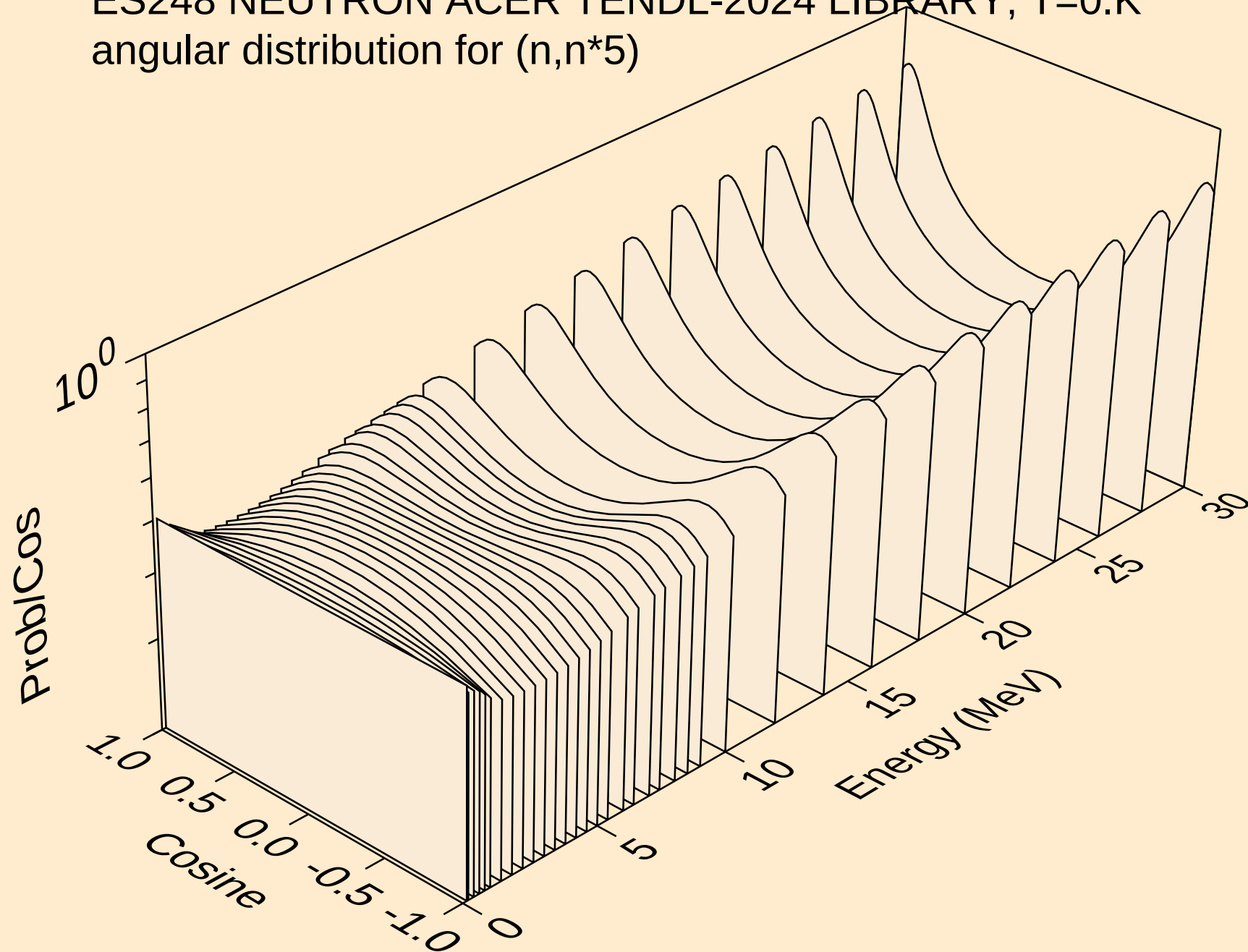
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



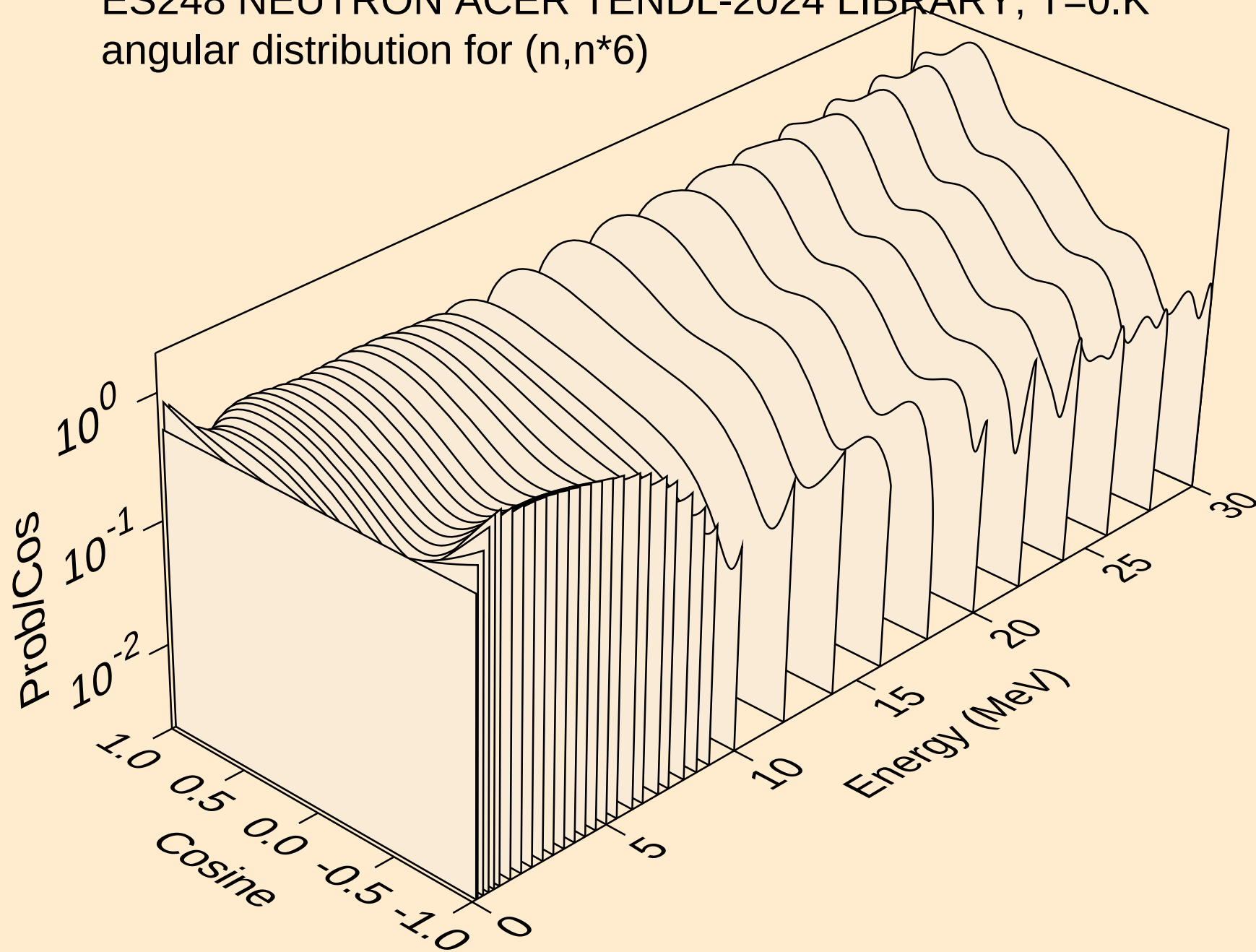
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



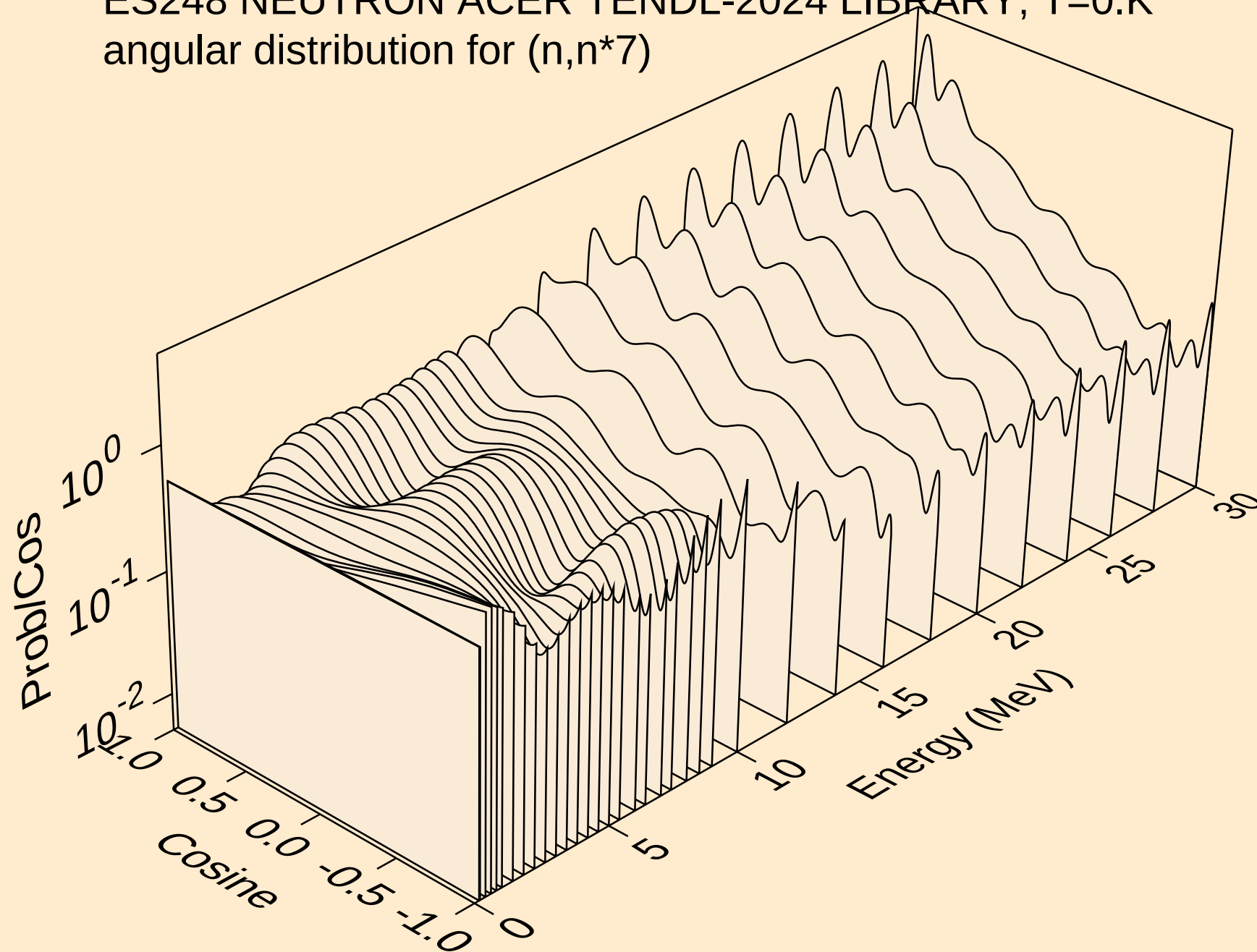
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



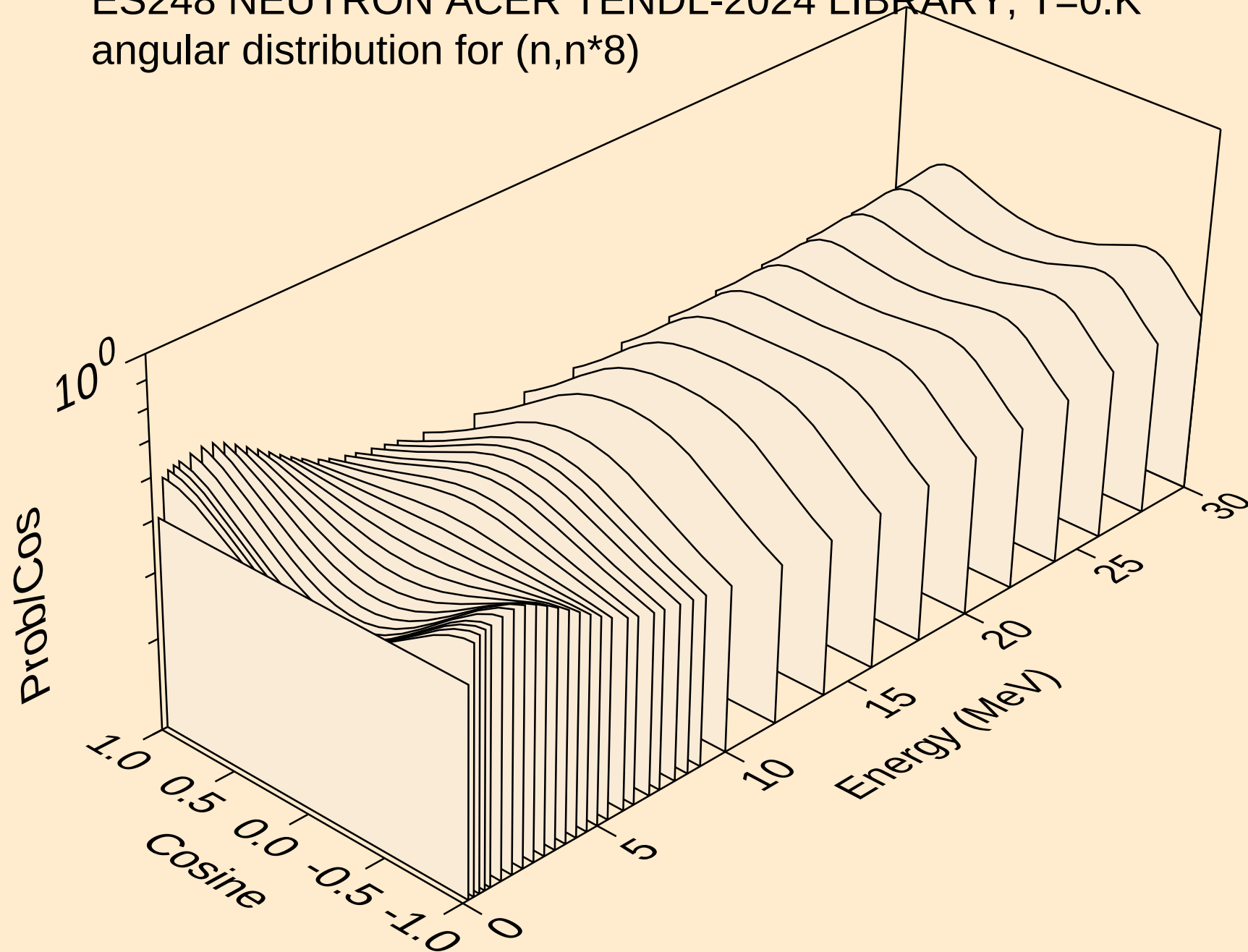
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*6)



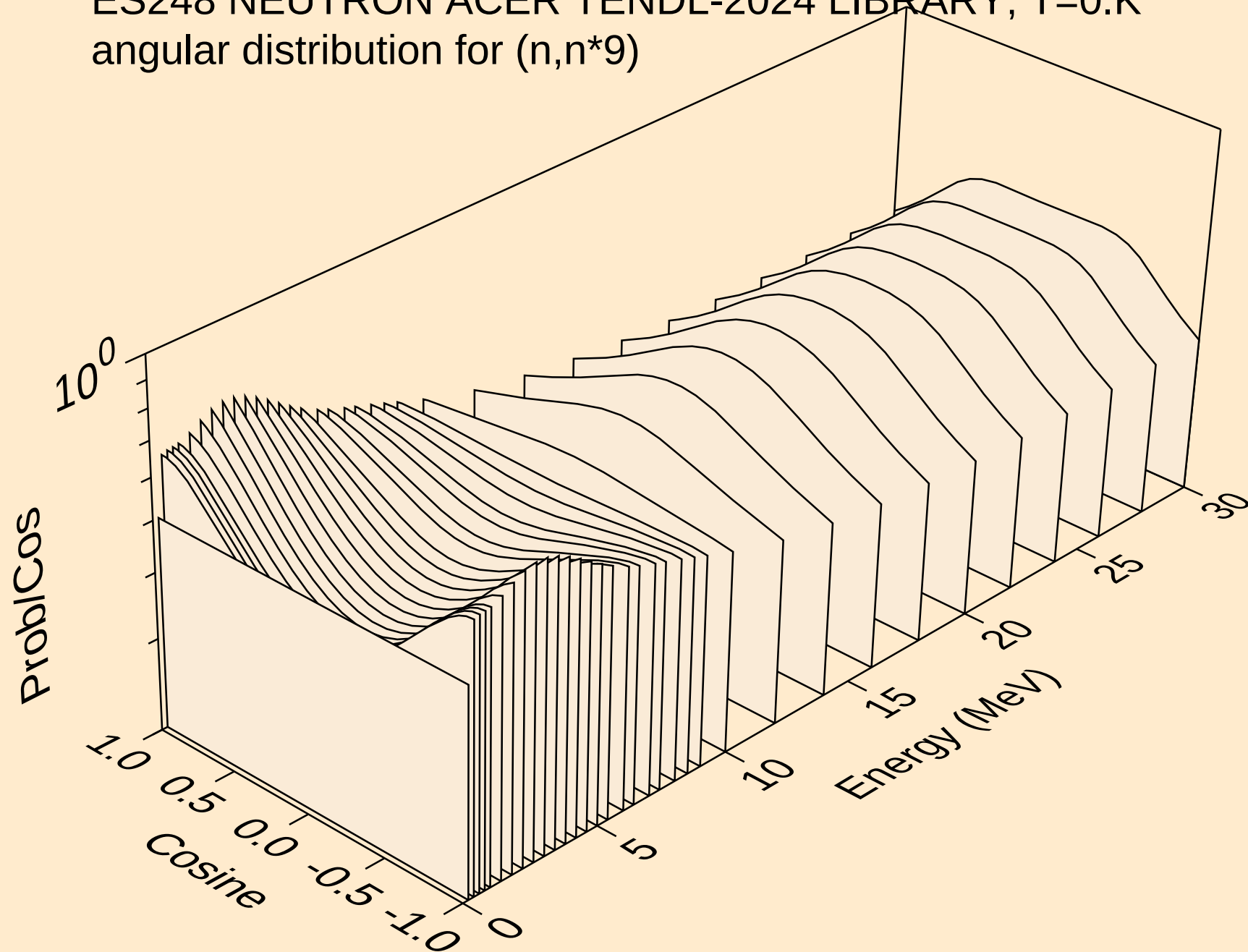
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*7)



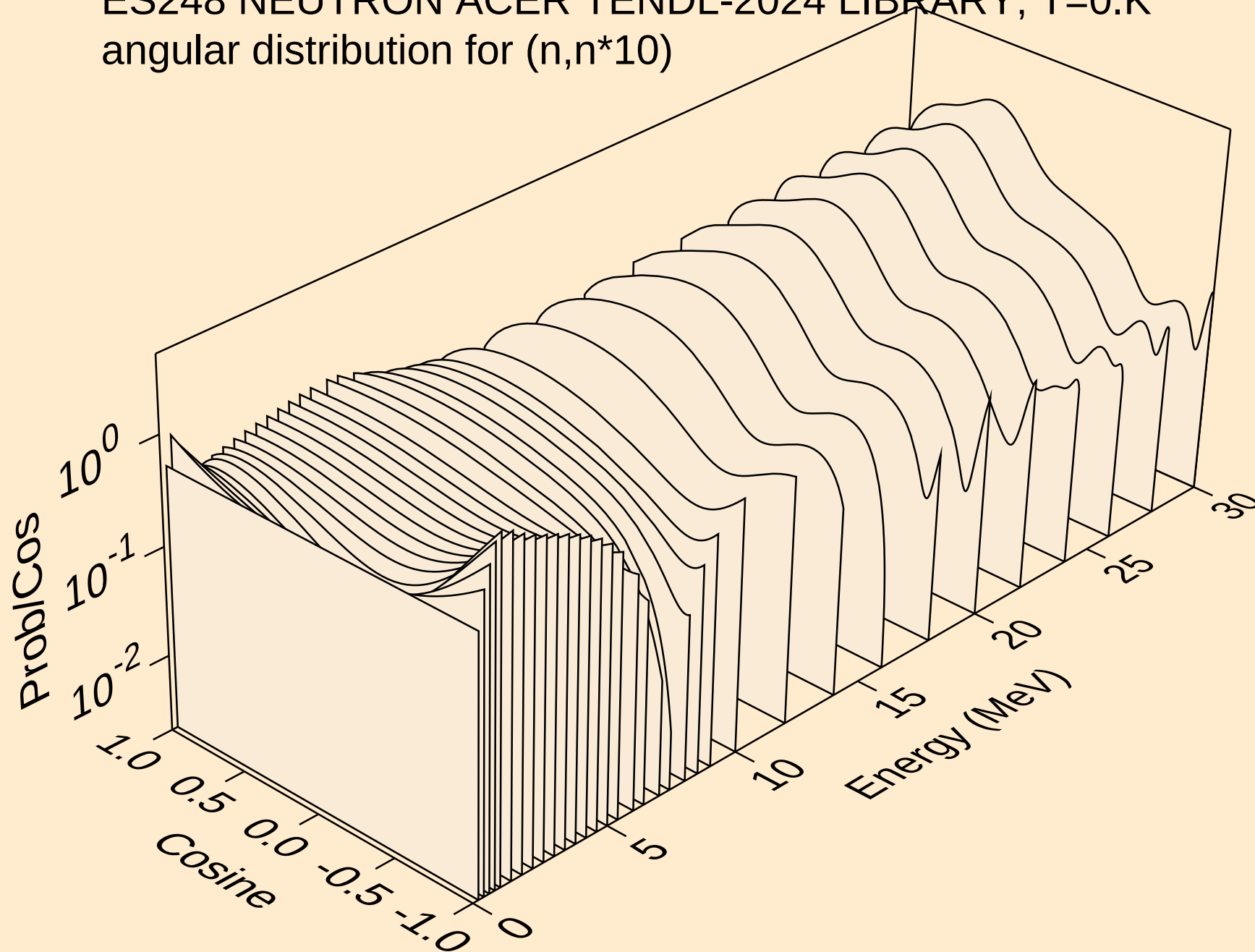
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*8)



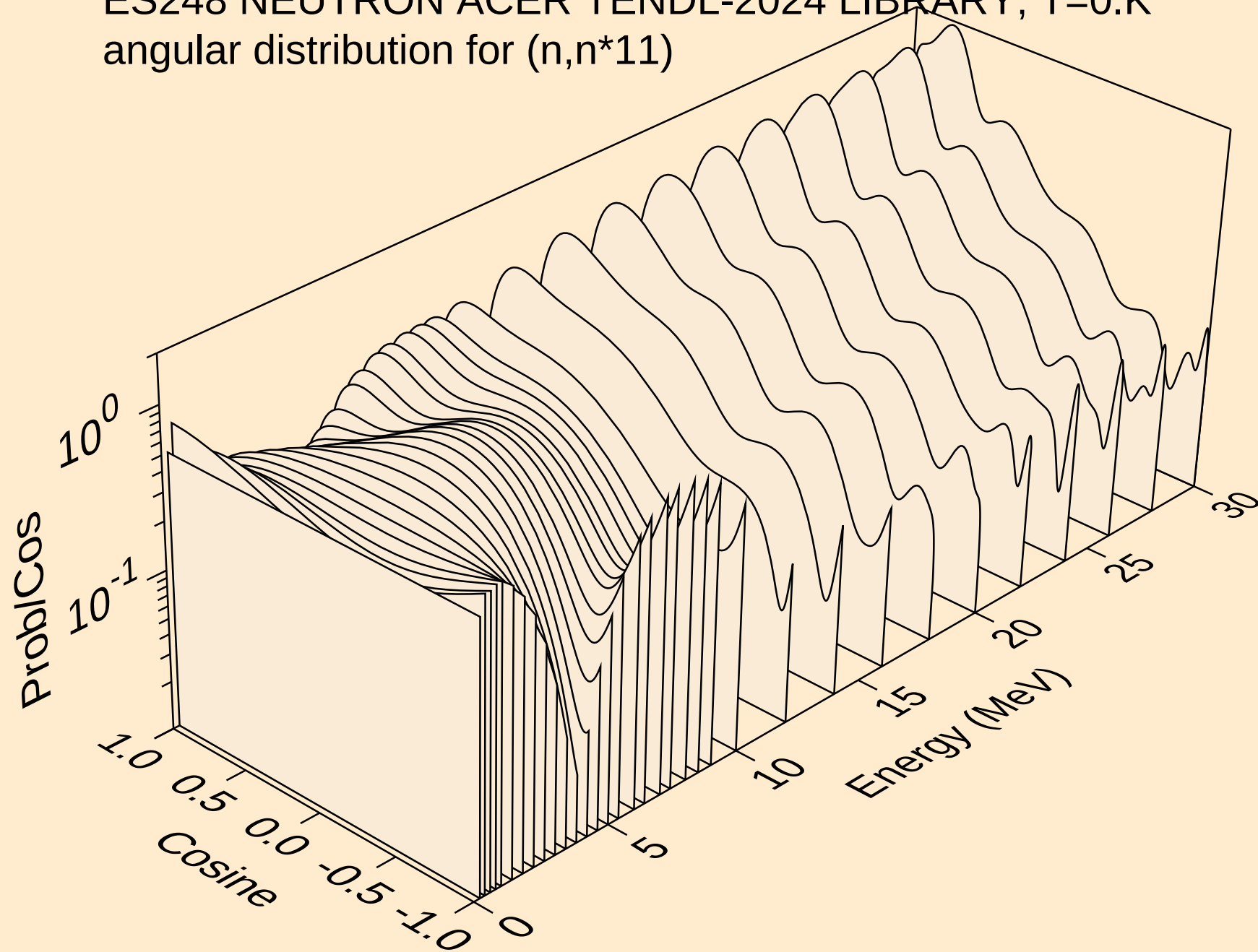
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*9)



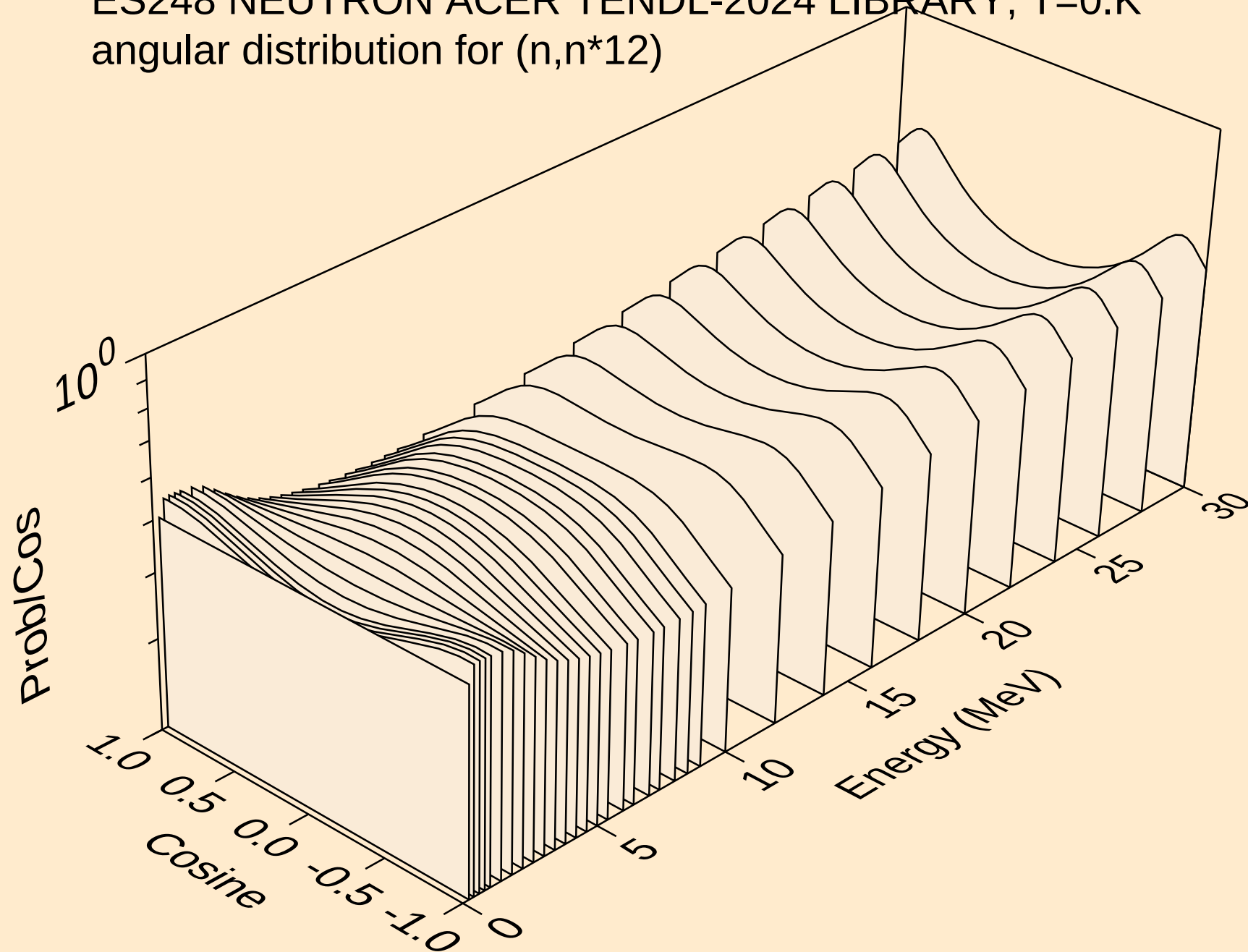
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*10)



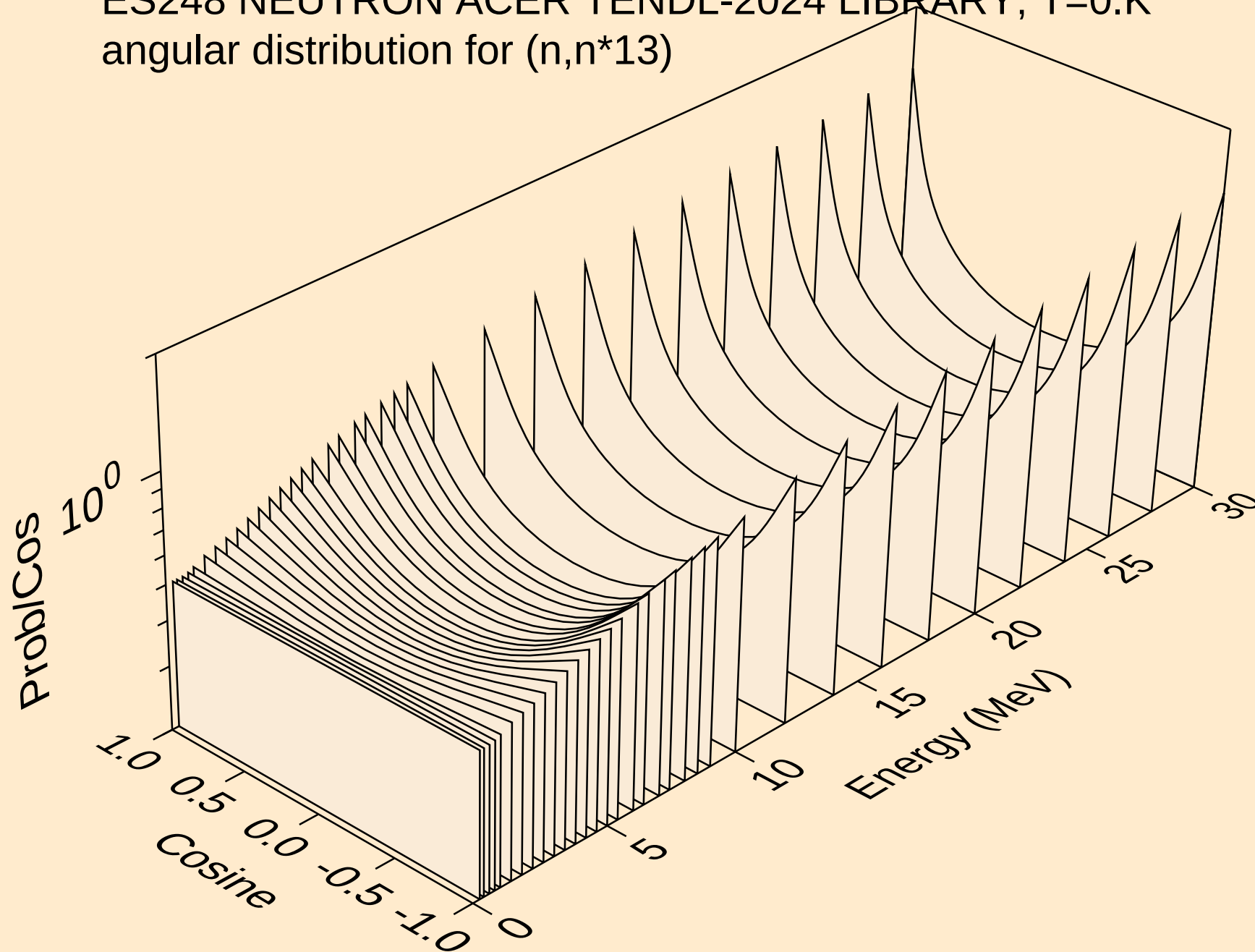
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*11)



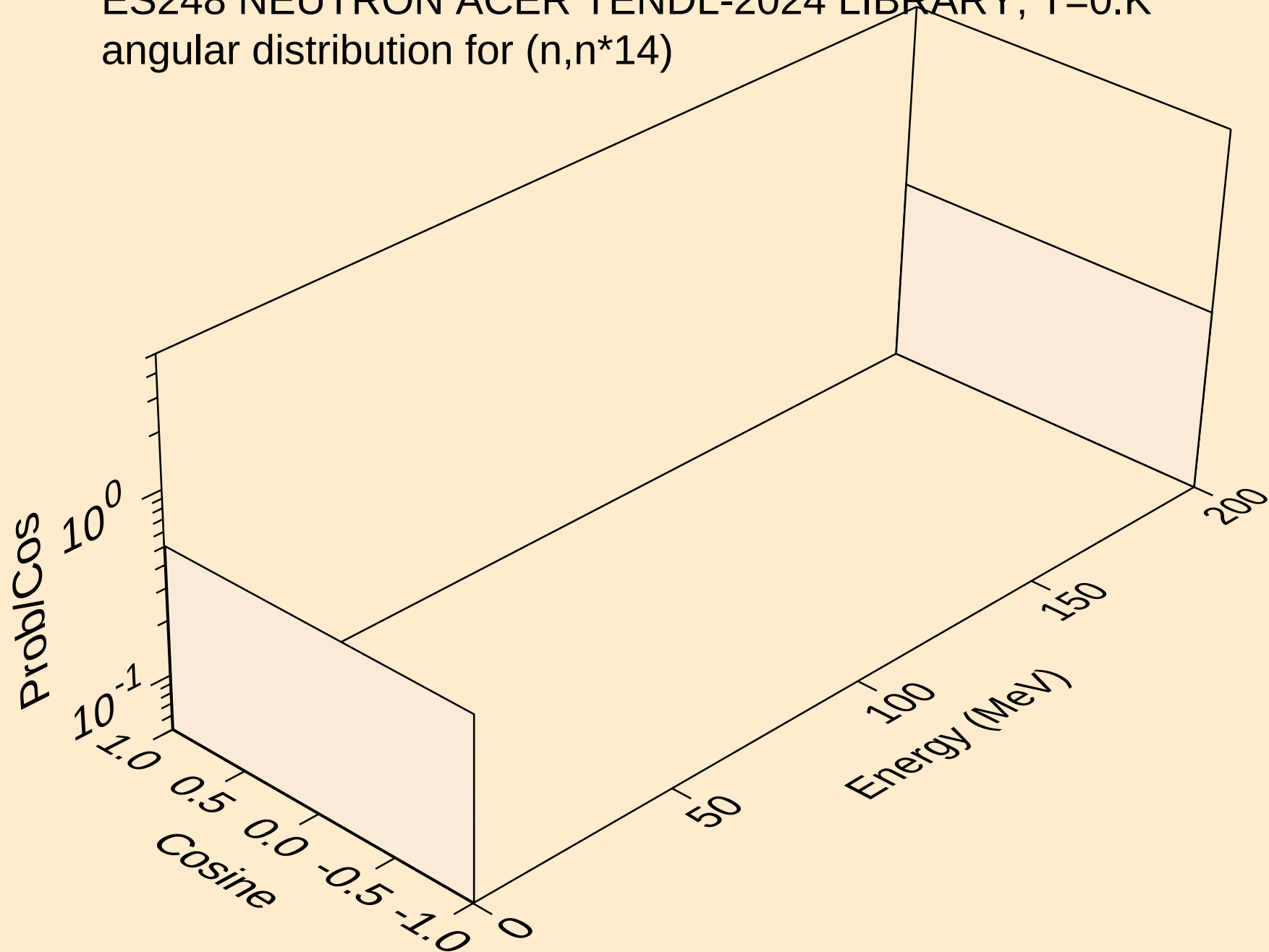
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*12)



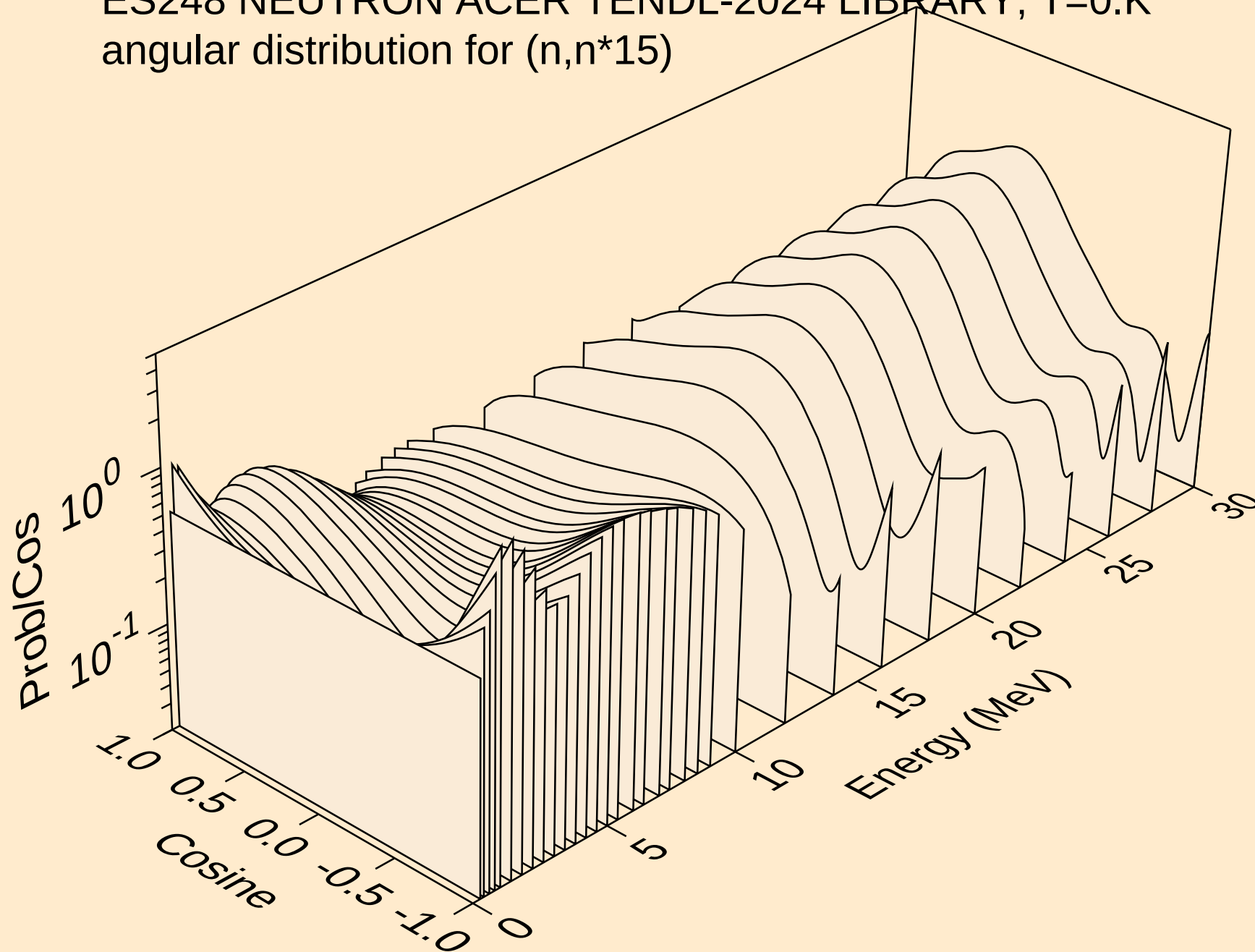
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*13)



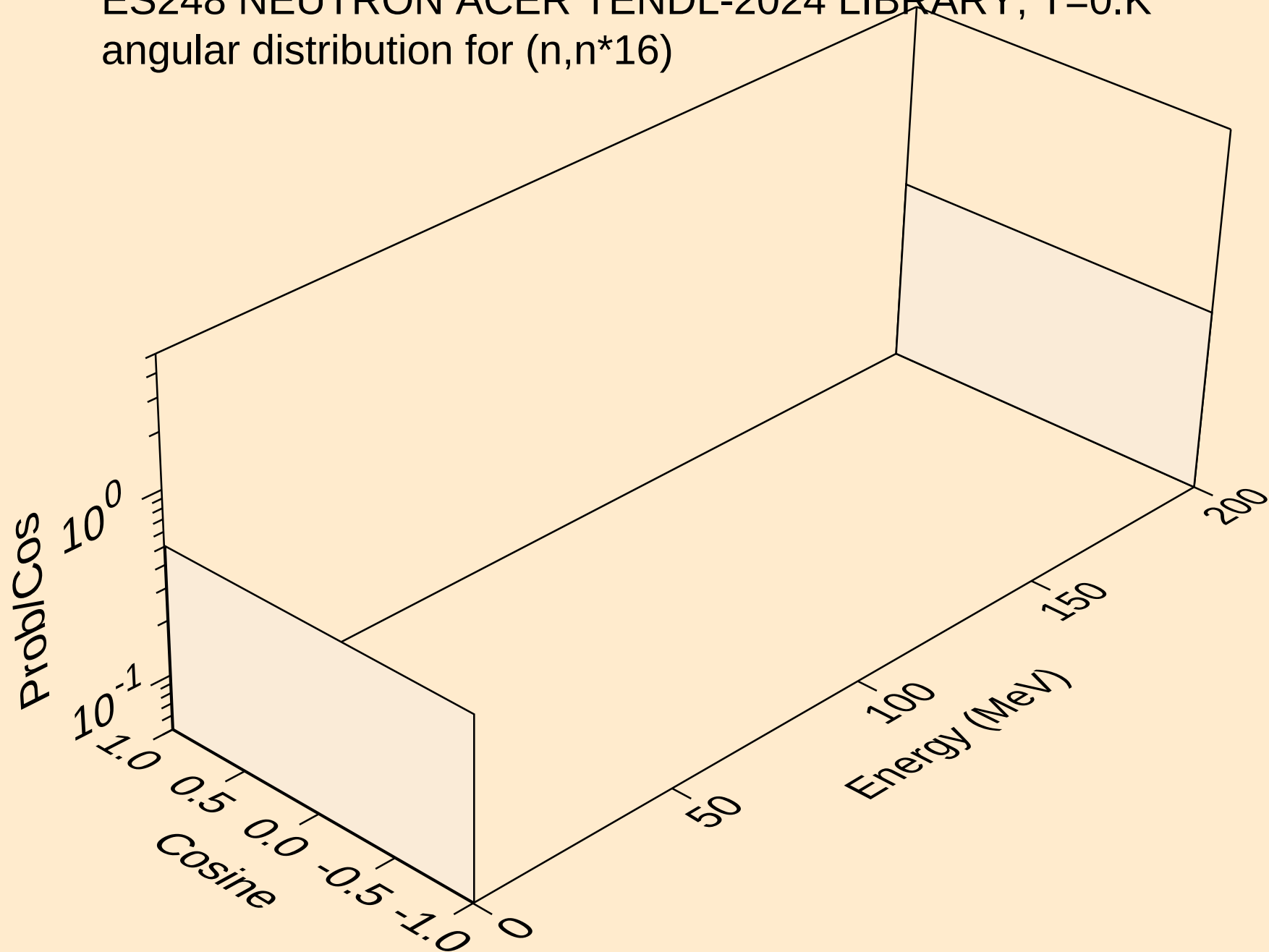
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*14)



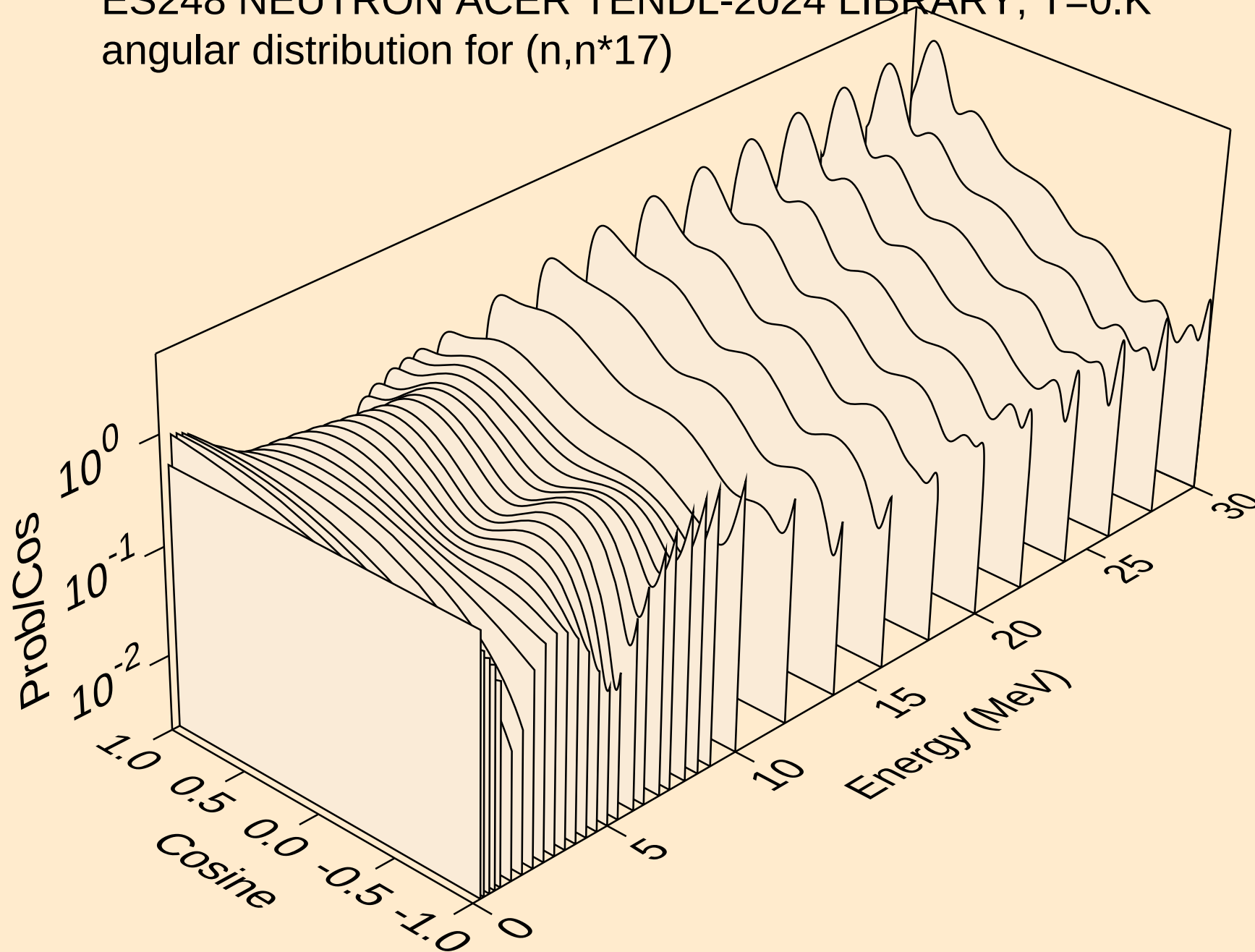
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*15)



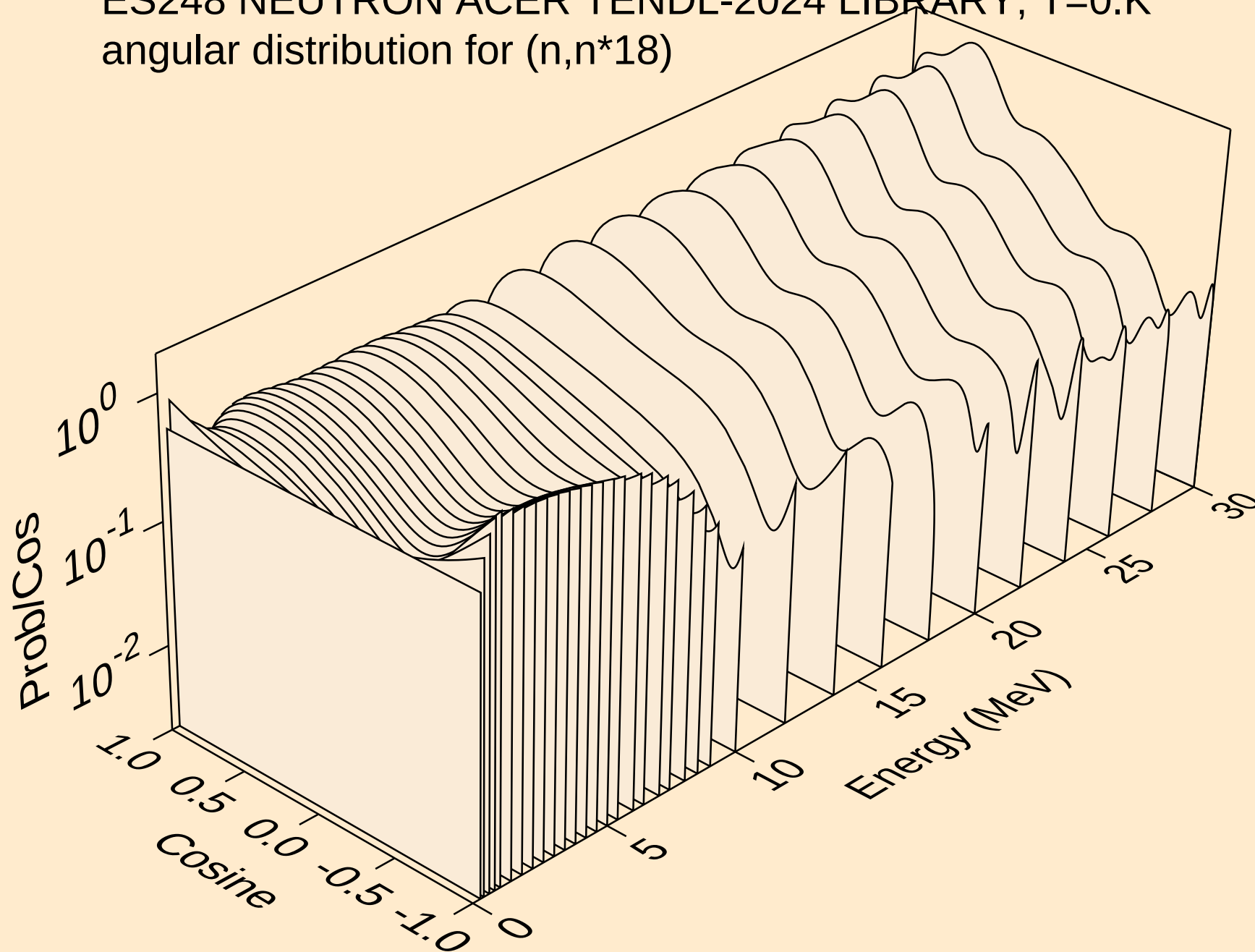
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*16)



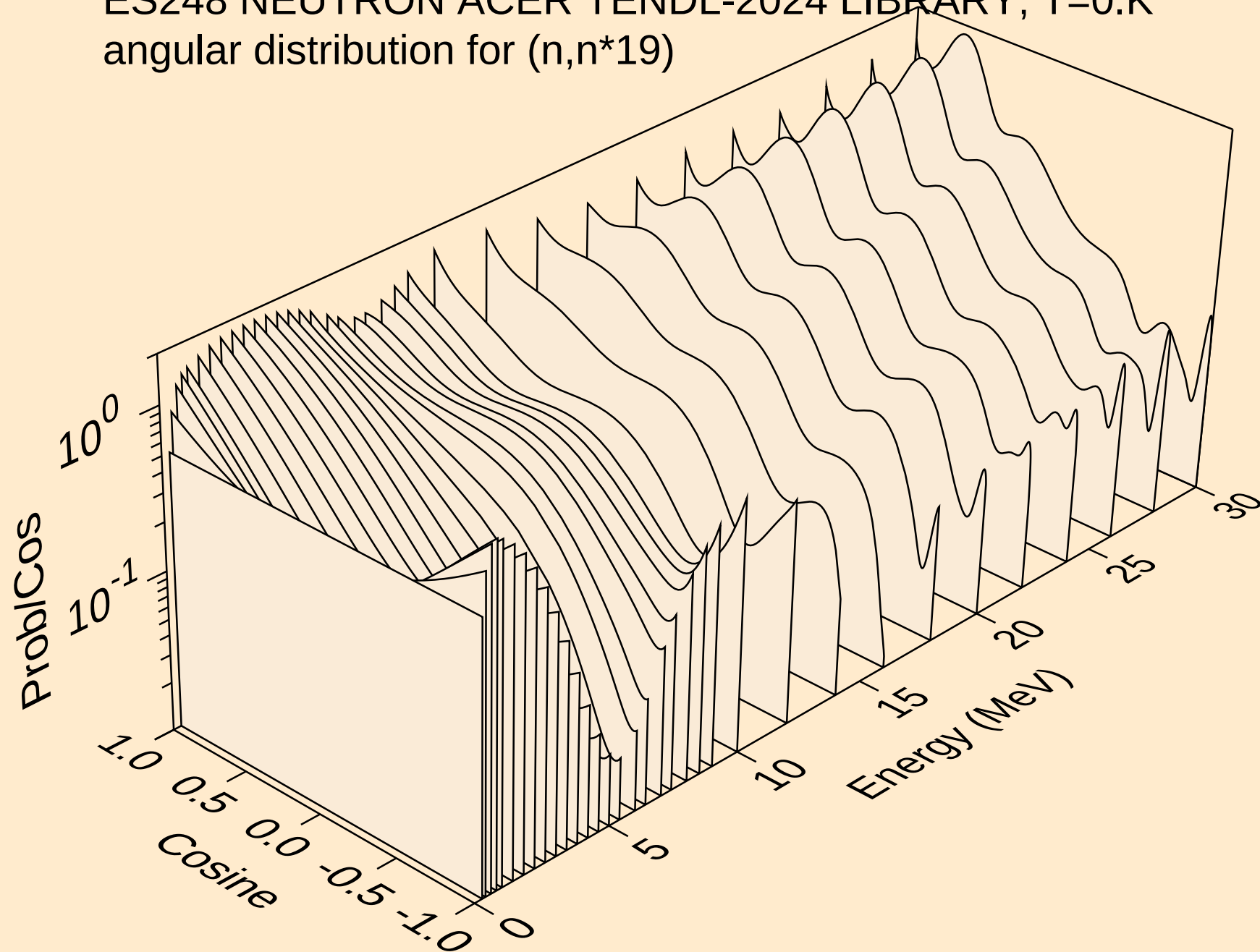
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*17)



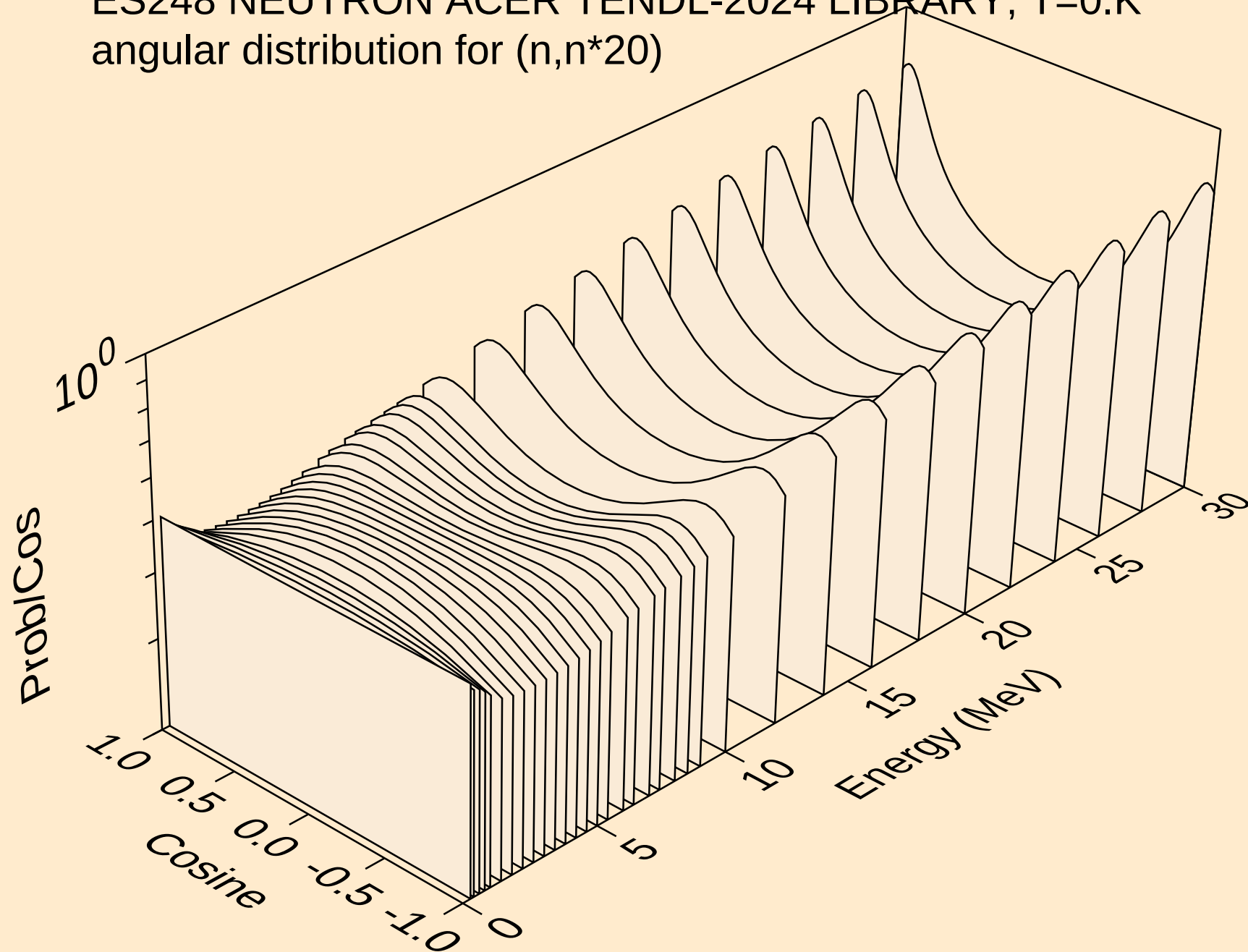
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*18)



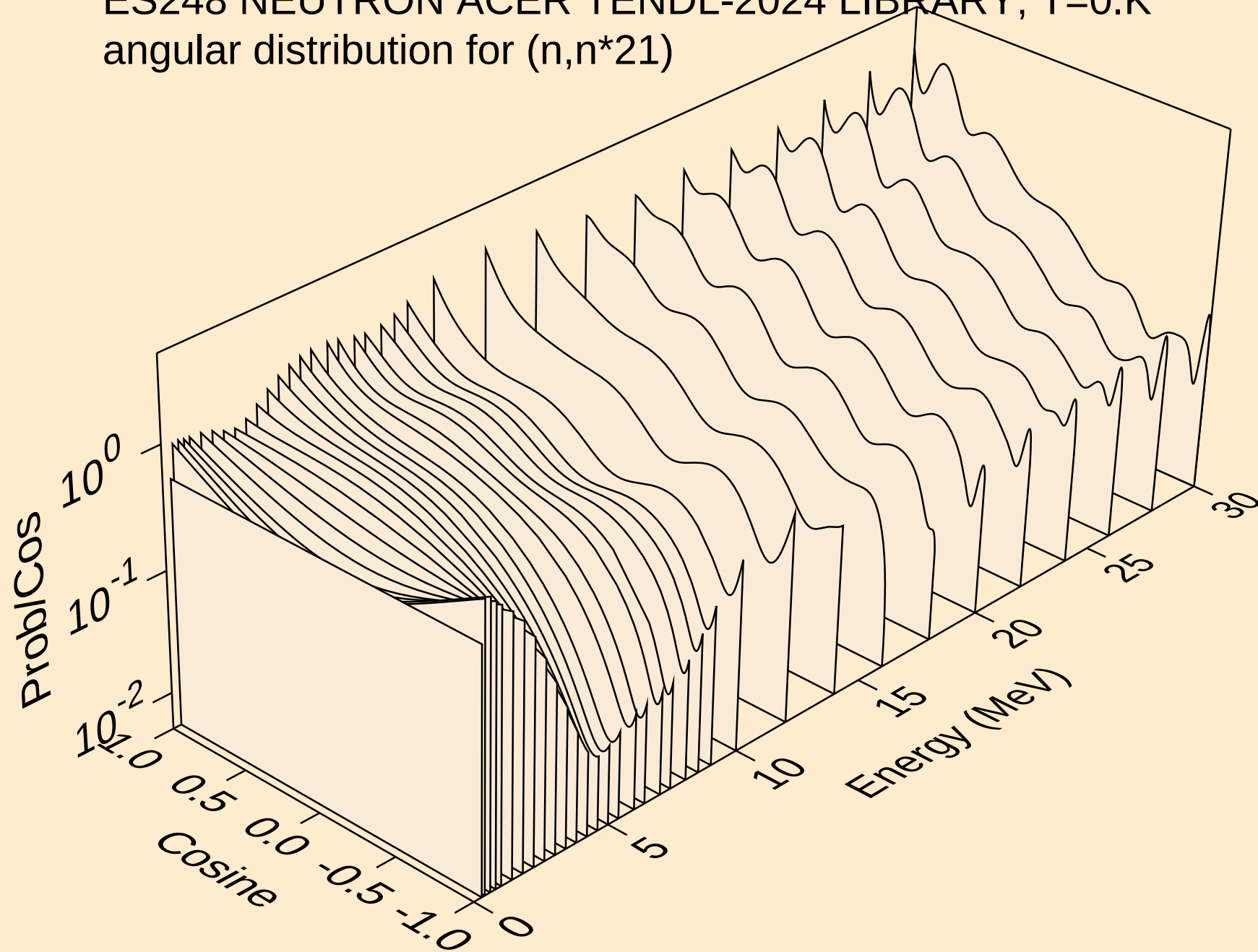
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*19)



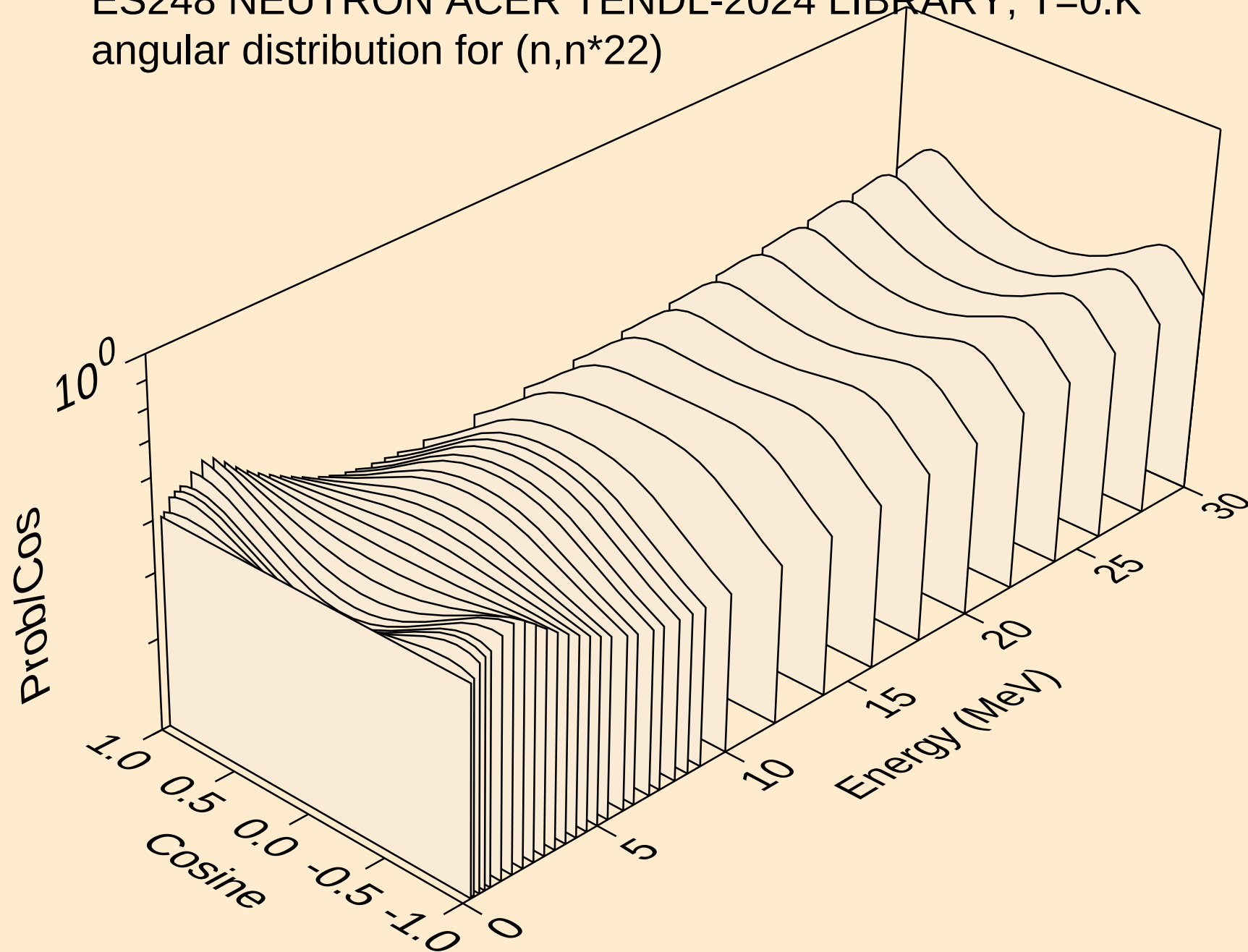
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*20)



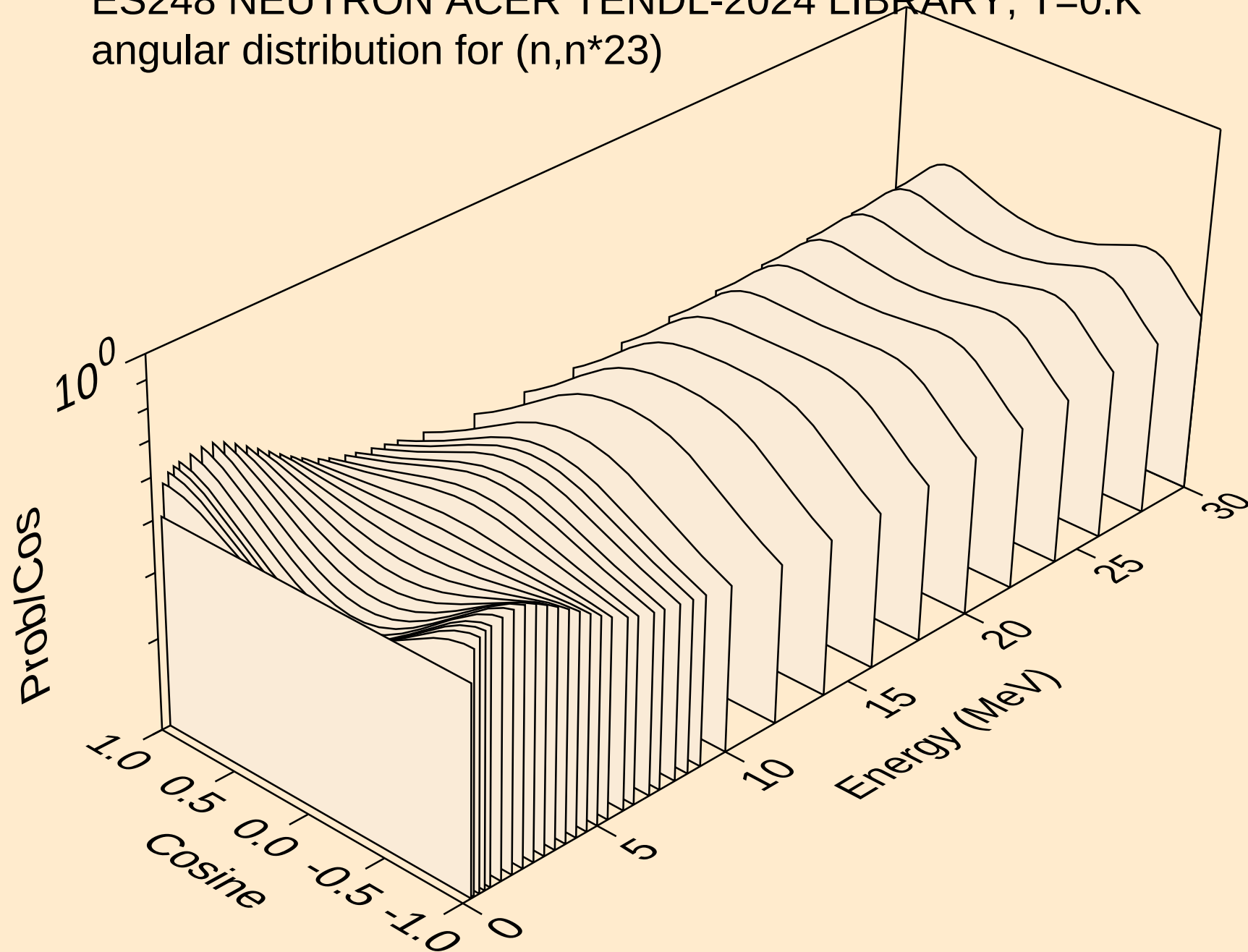
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*21)



ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*22)

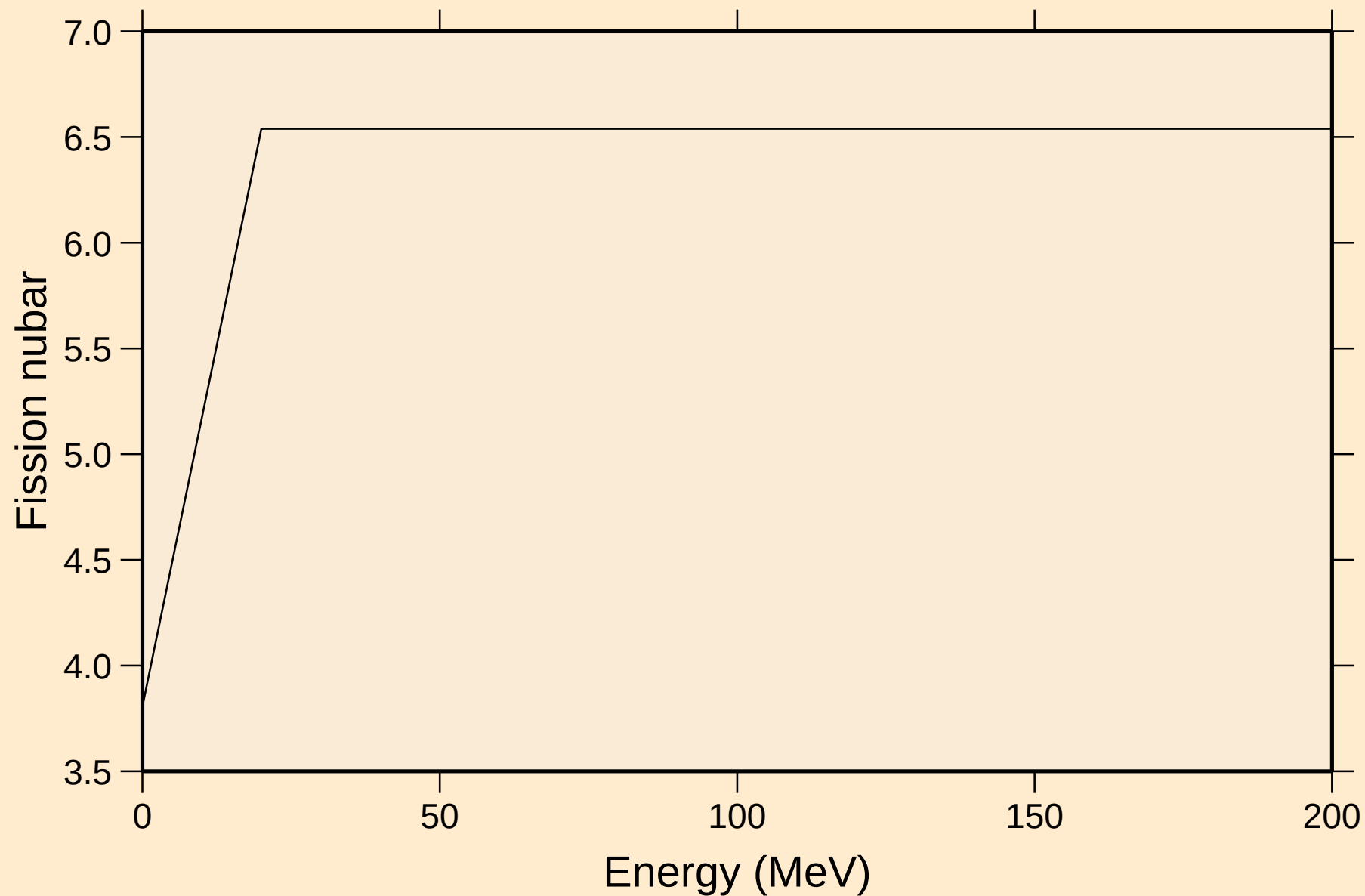


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*23)

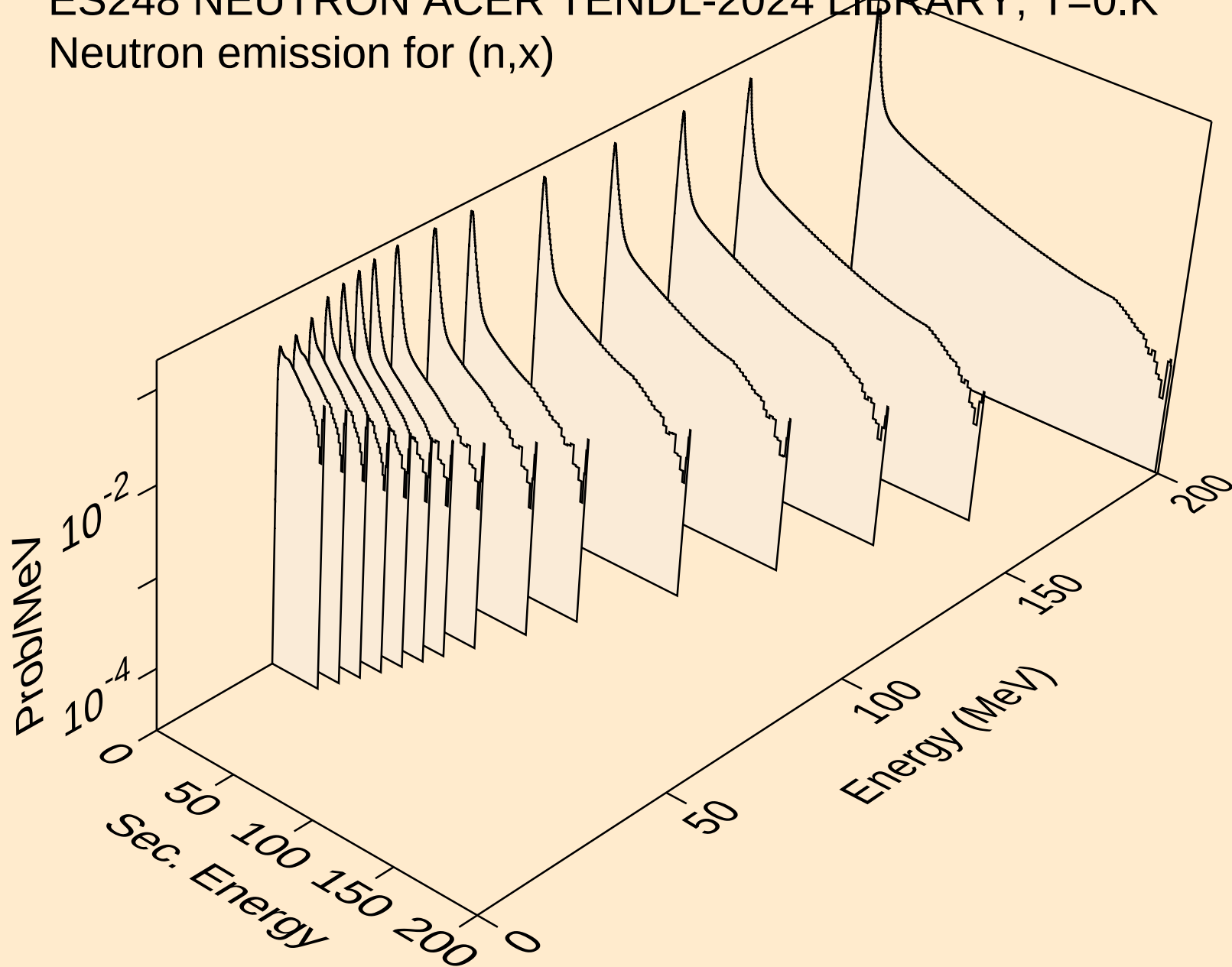


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

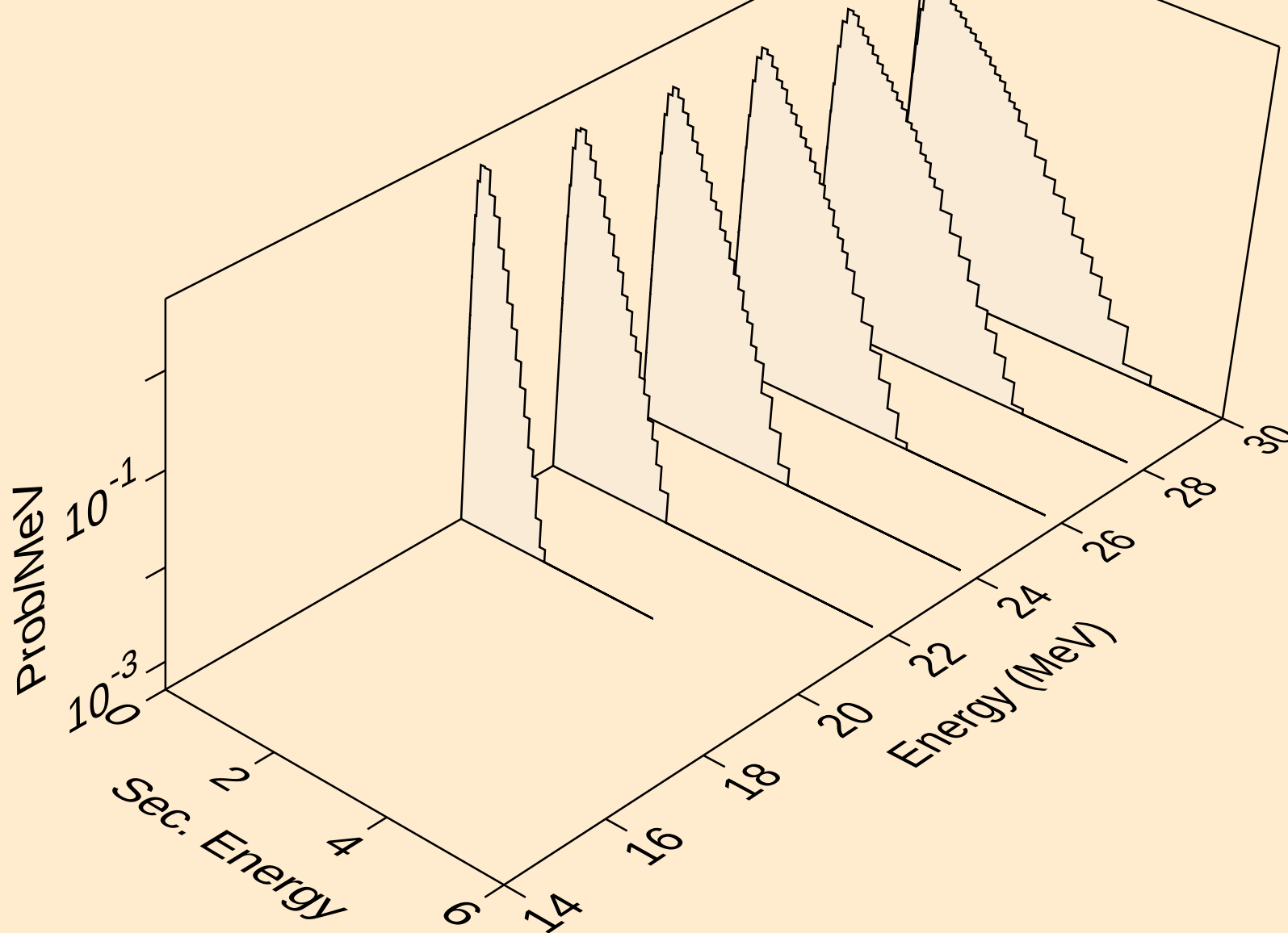
Total fission nubar



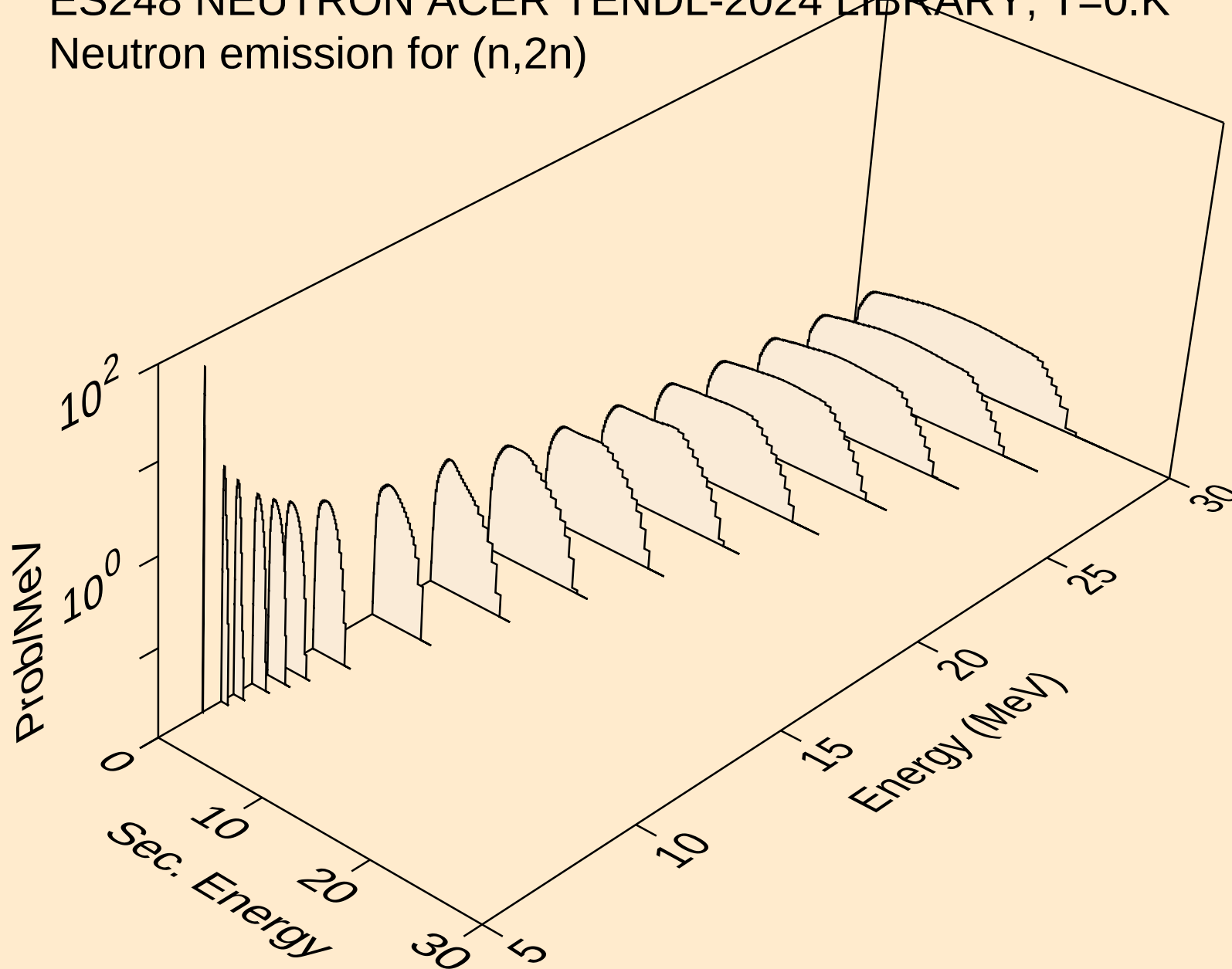
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



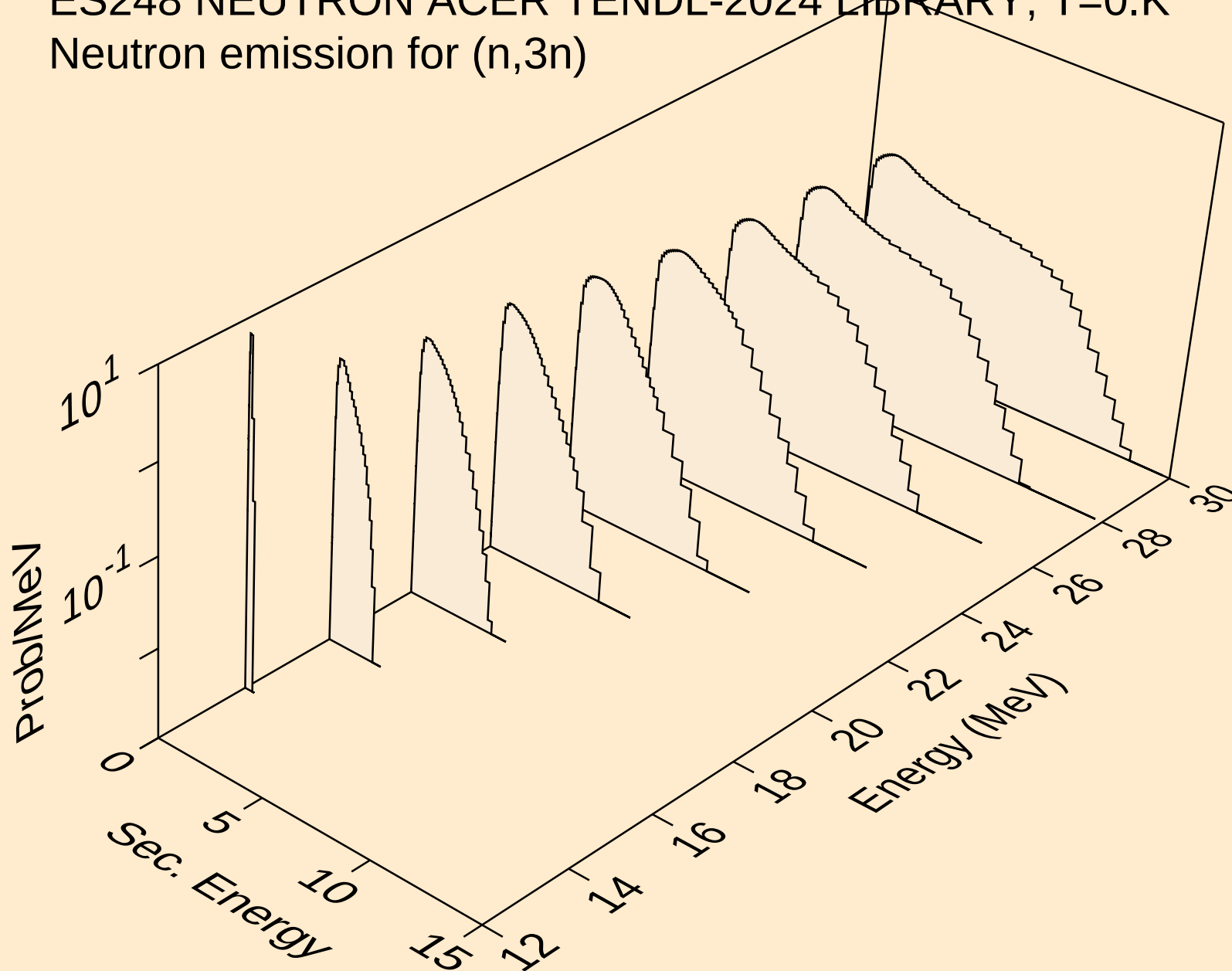
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



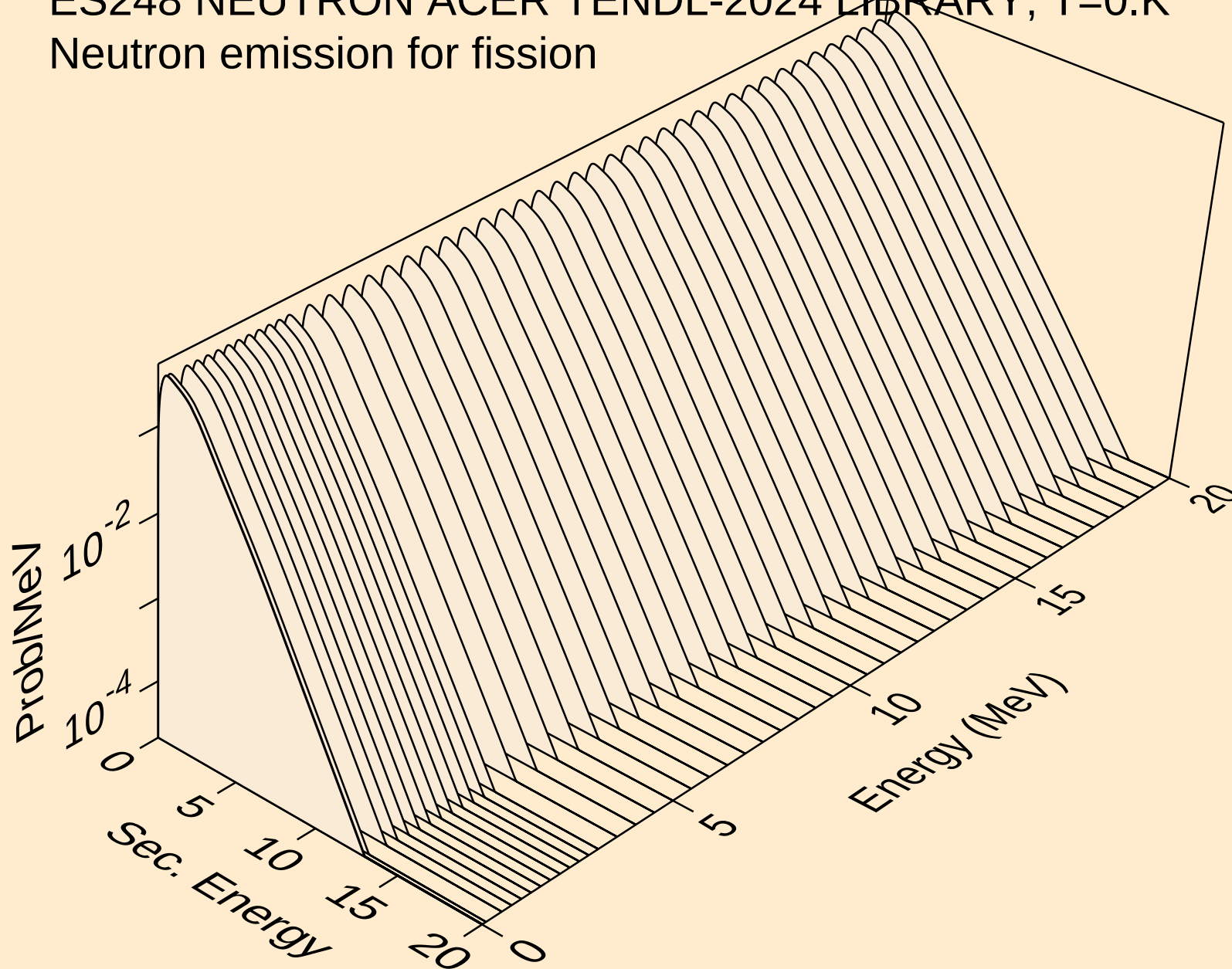
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)

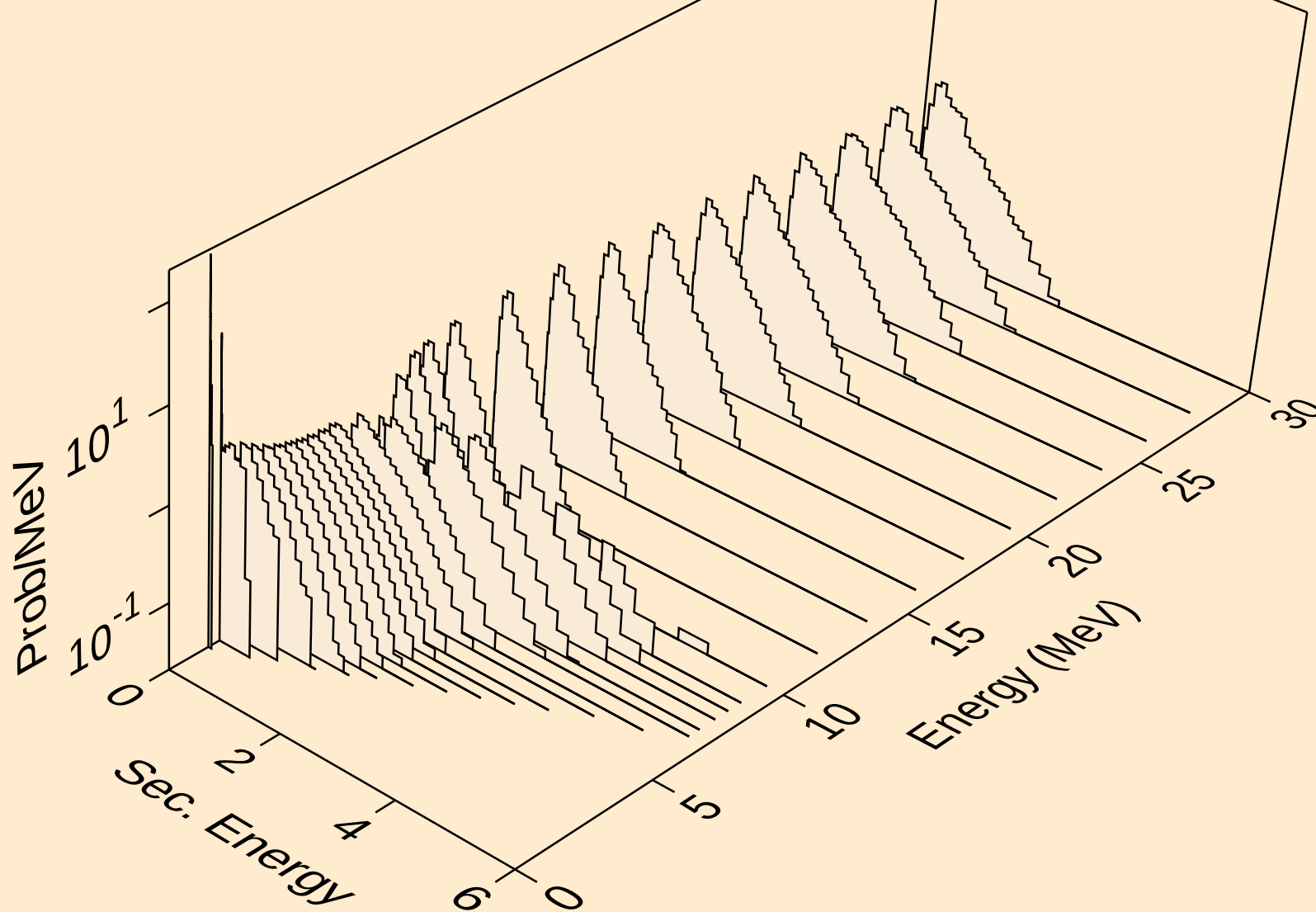


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for fission

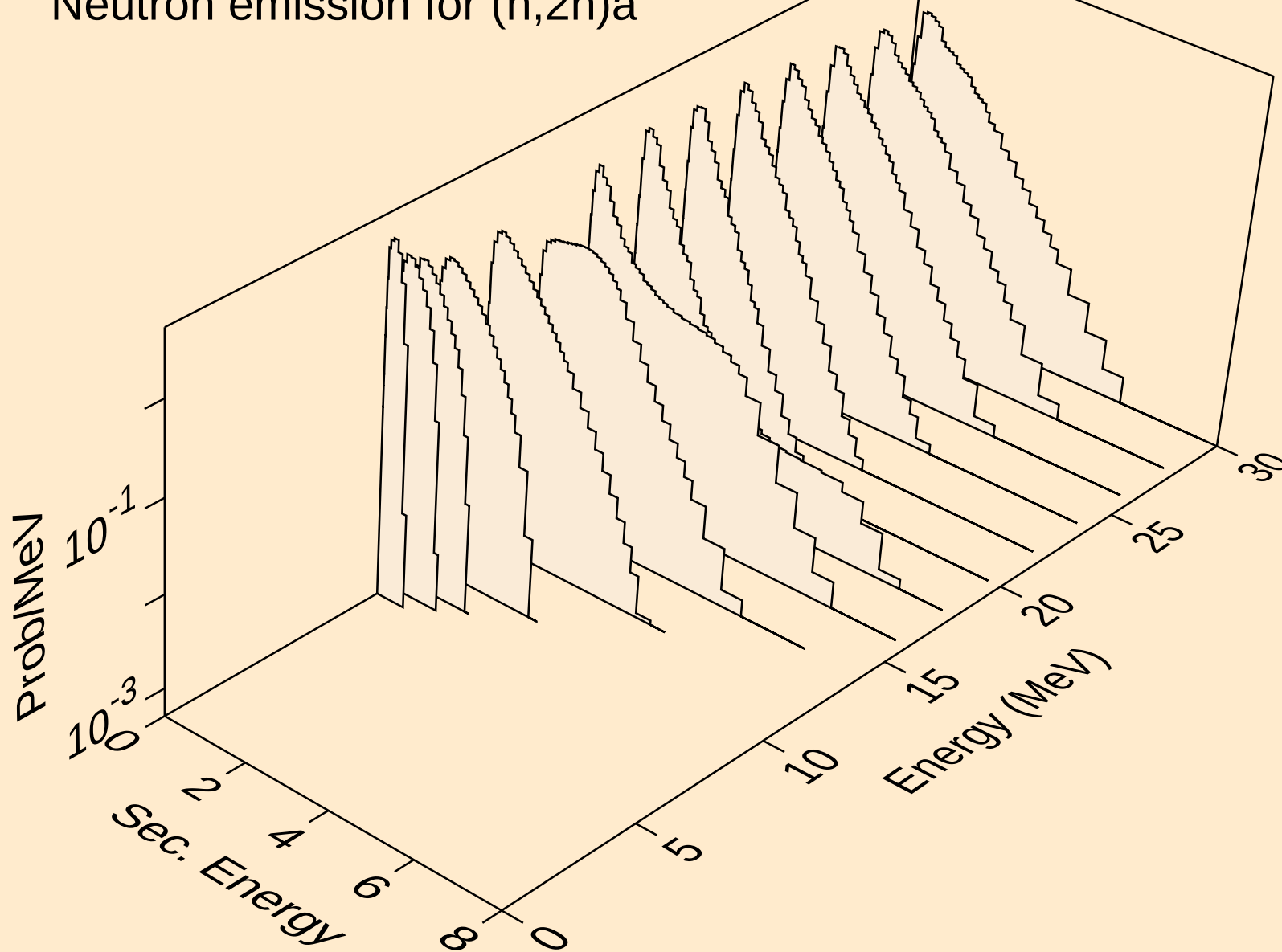


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Neutron emission for (n,n*)a

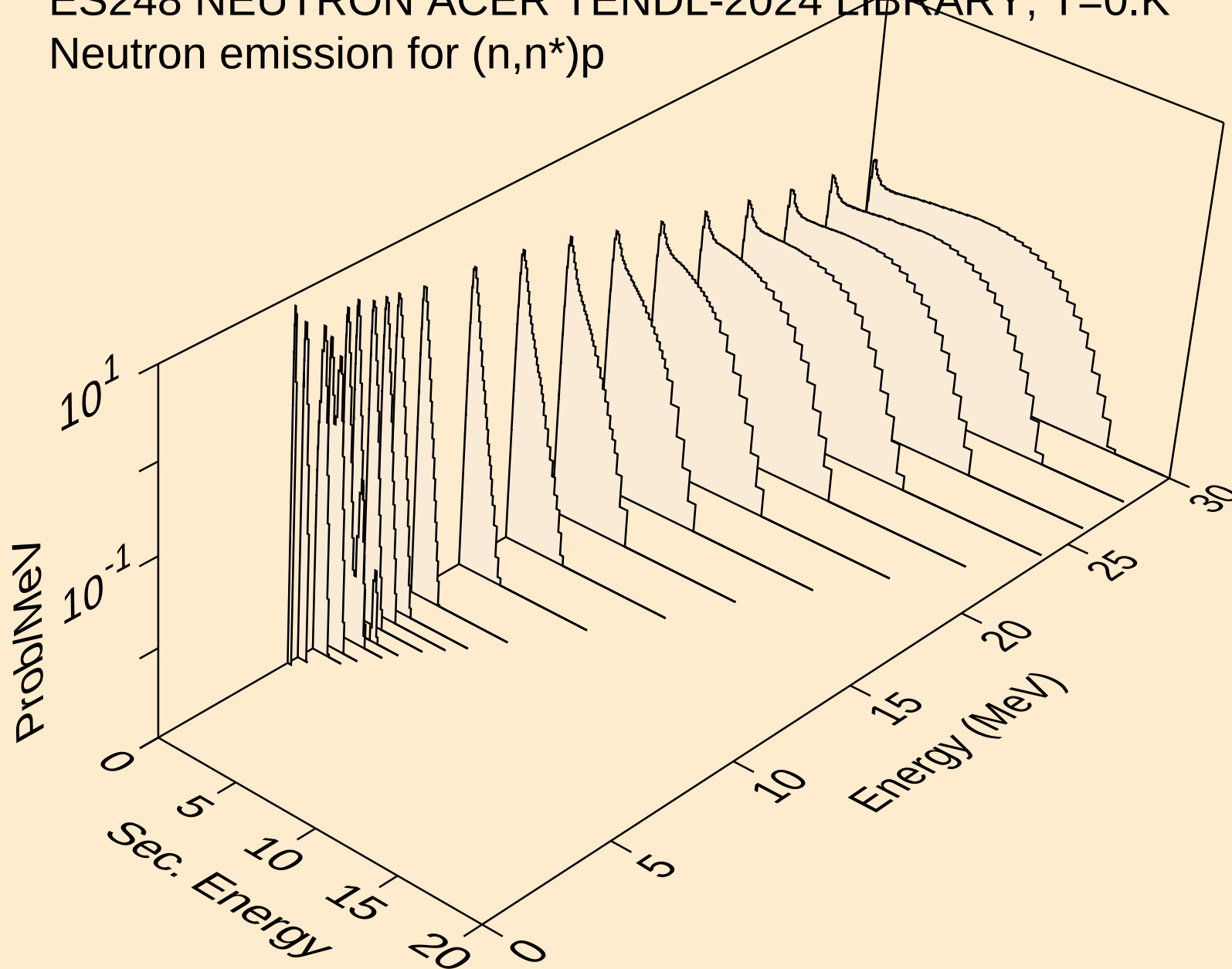


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)a



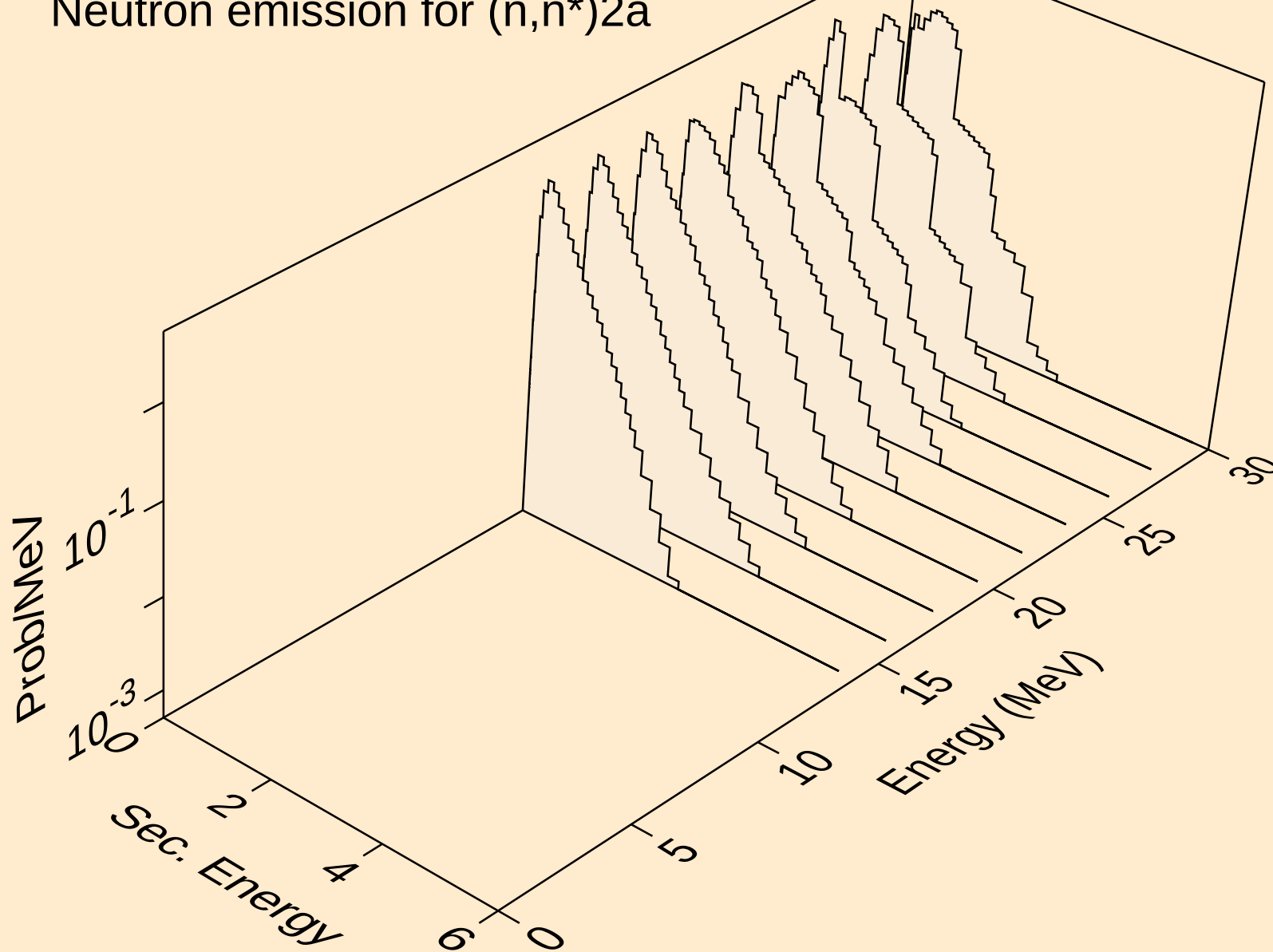
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Neutron emission for (n,n*)p



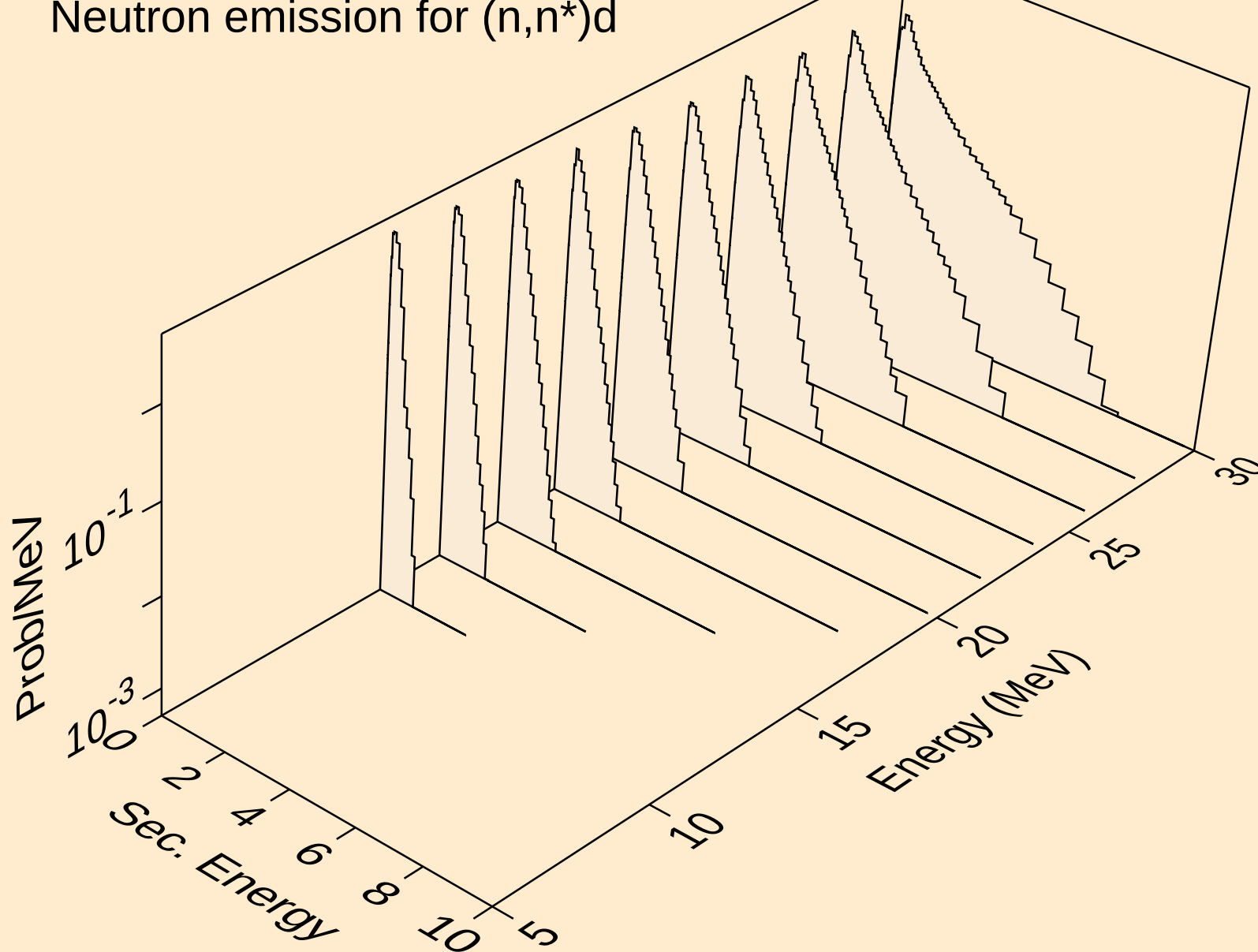
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Neutron emission for (n,n*)2a



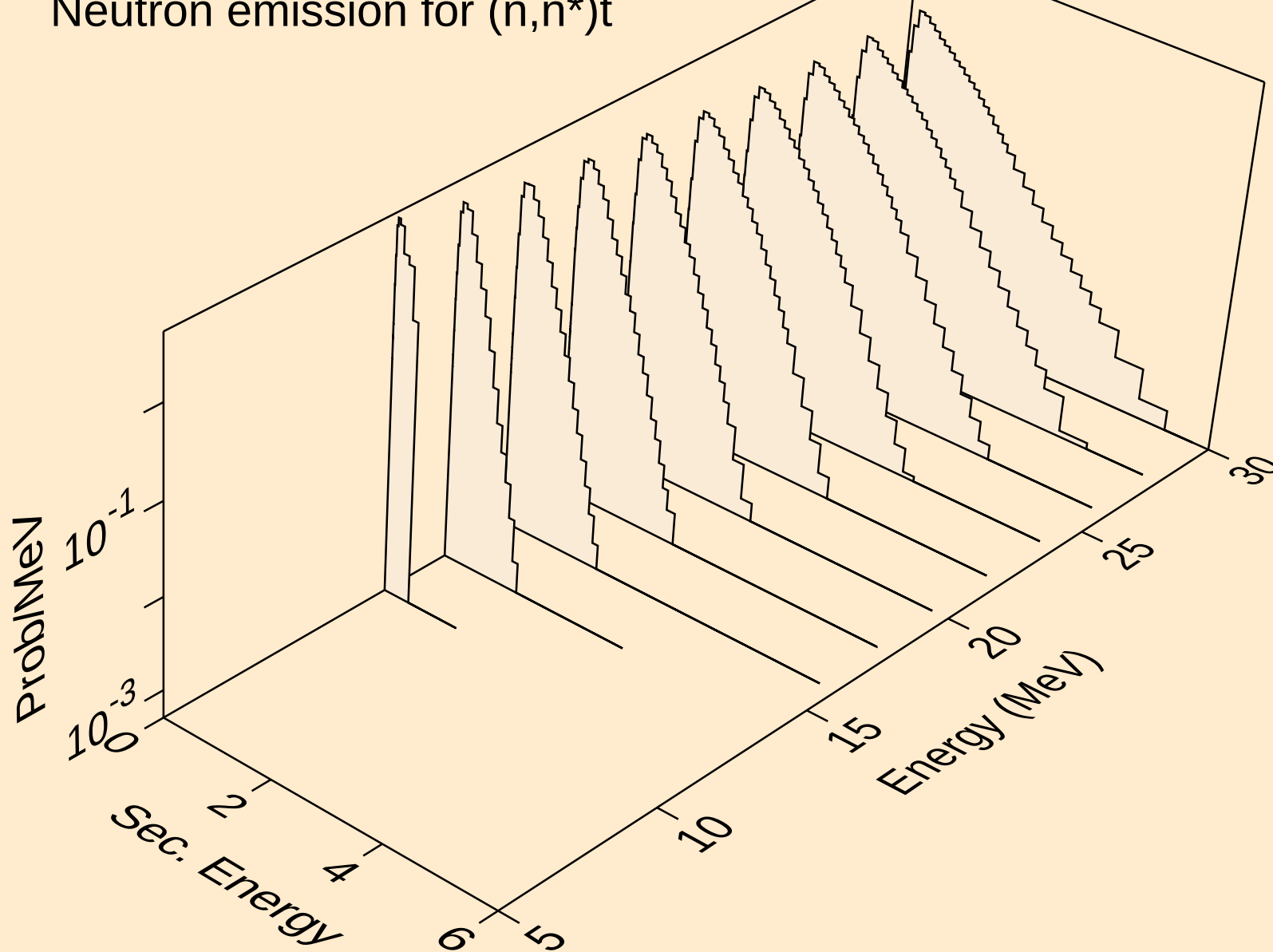
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Neutron emission for (n,n*)d



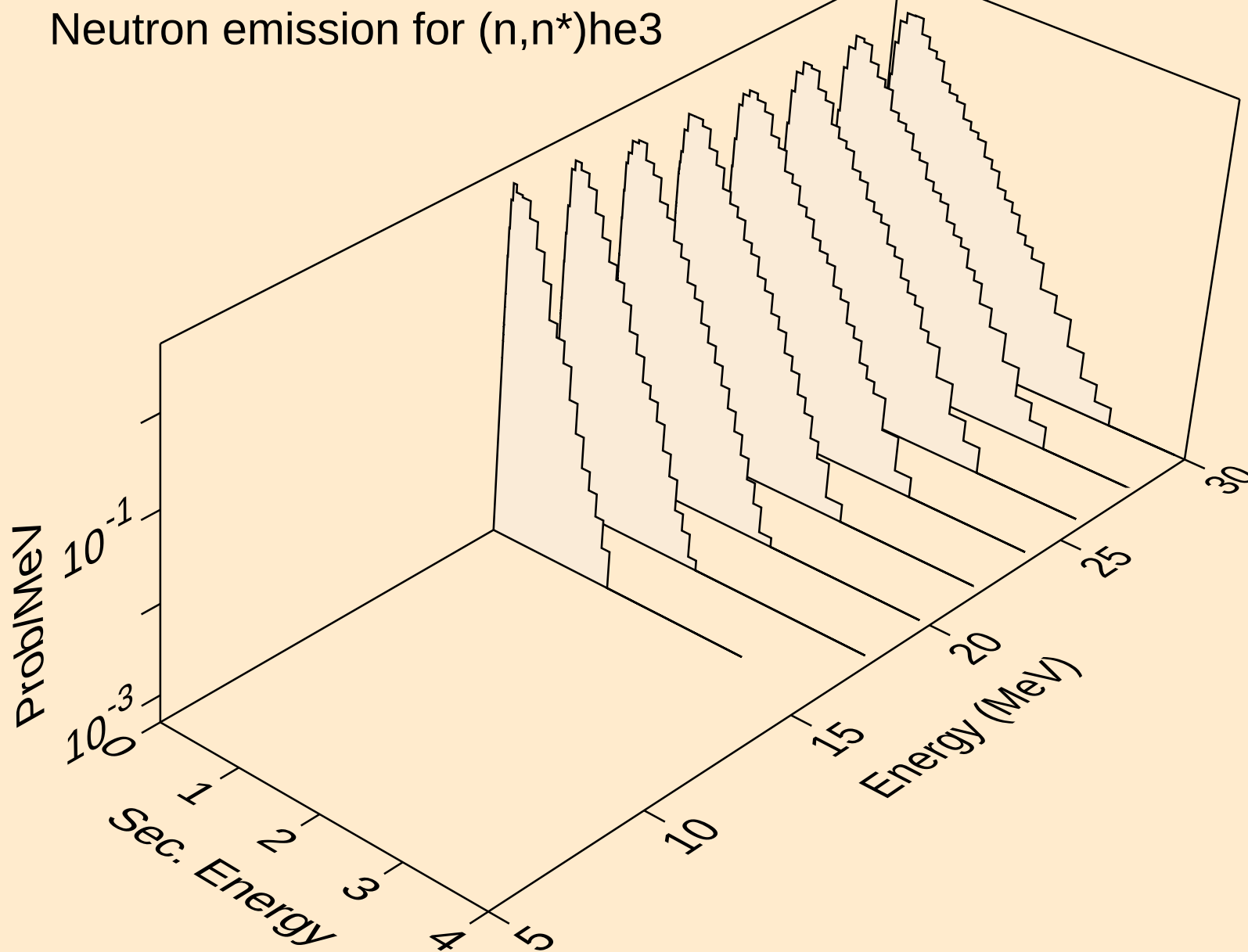
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Neutron emission for (n,n*)t

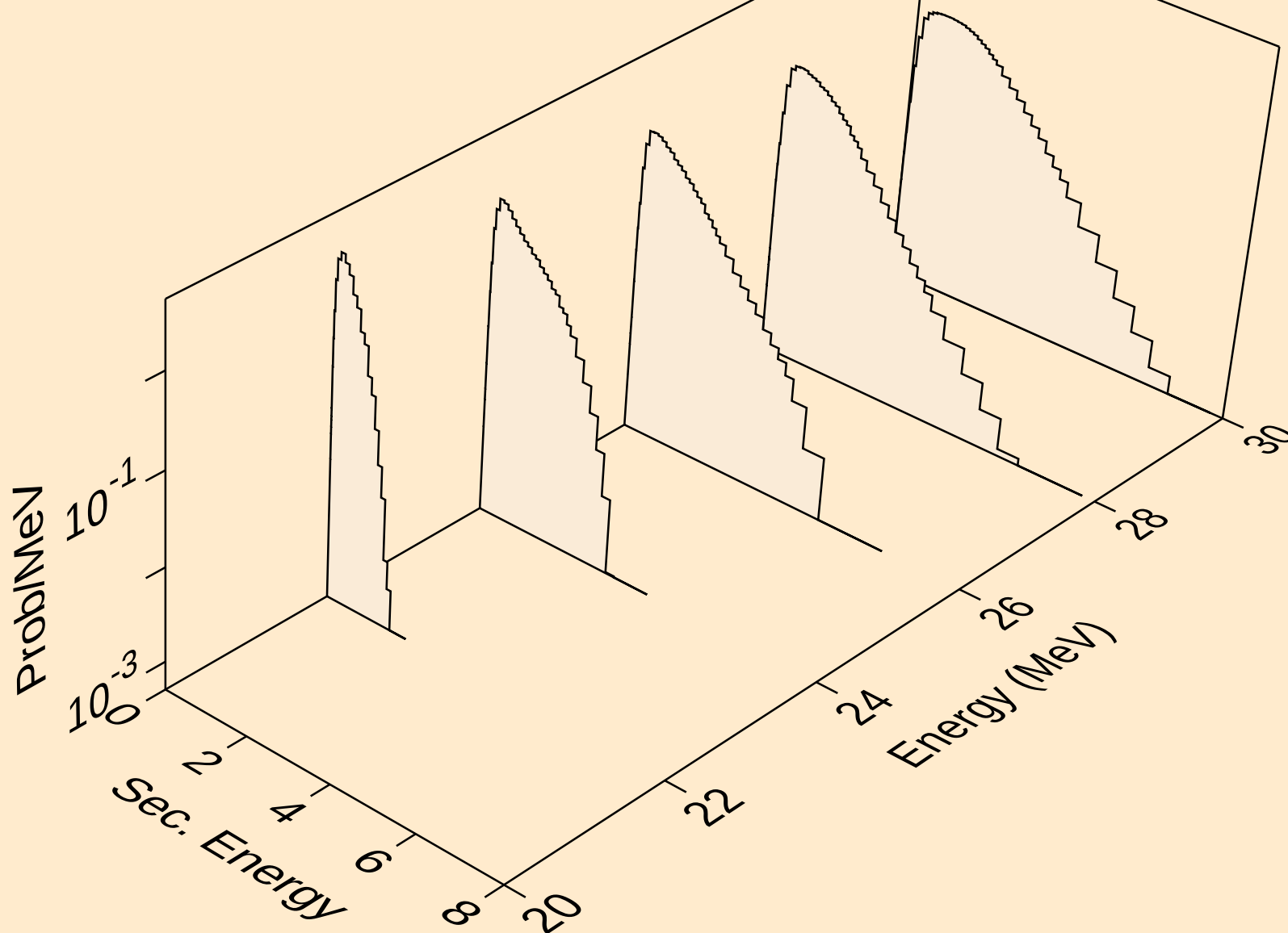


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

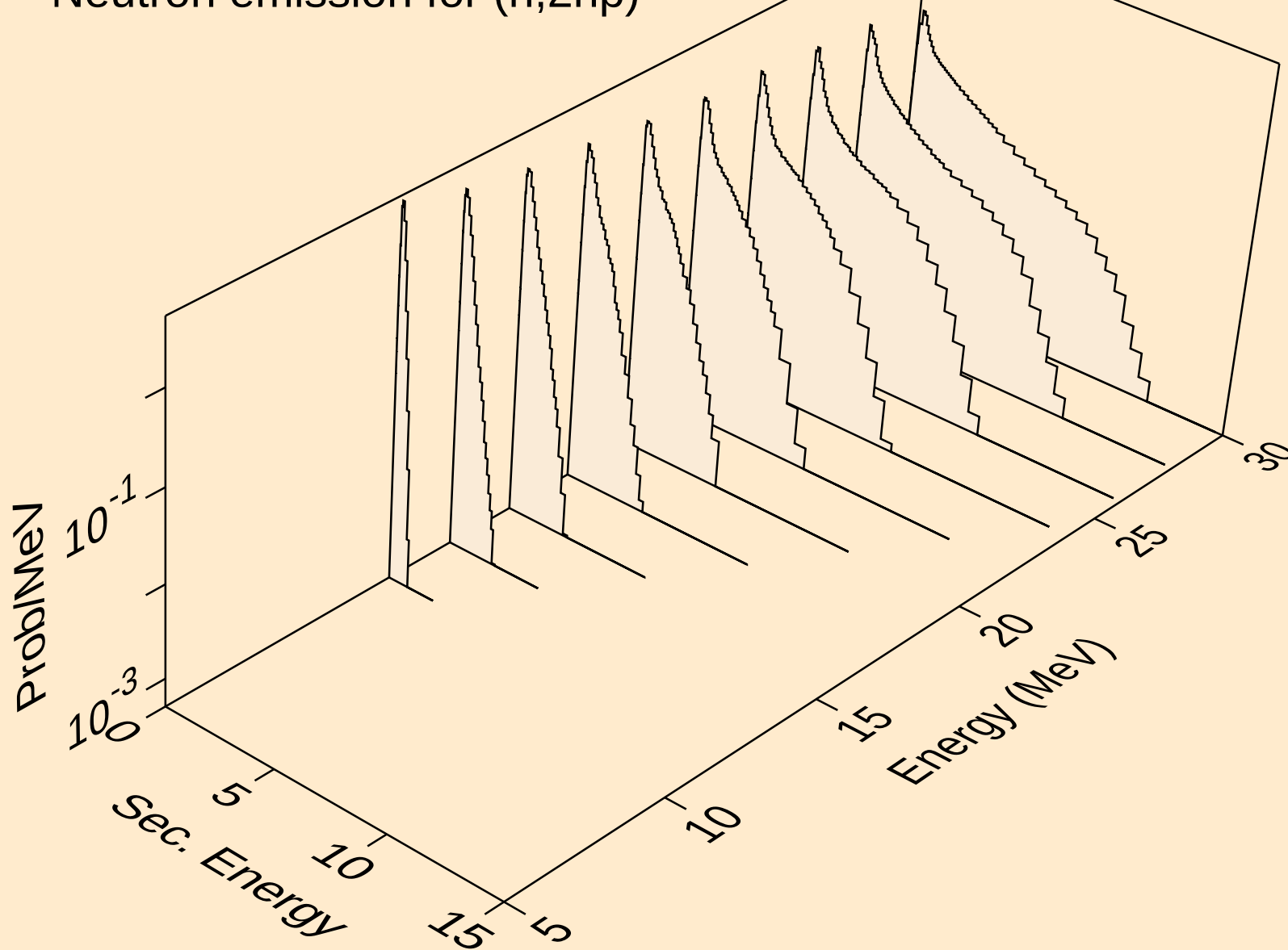
Neutron emission for (n,n*)he3



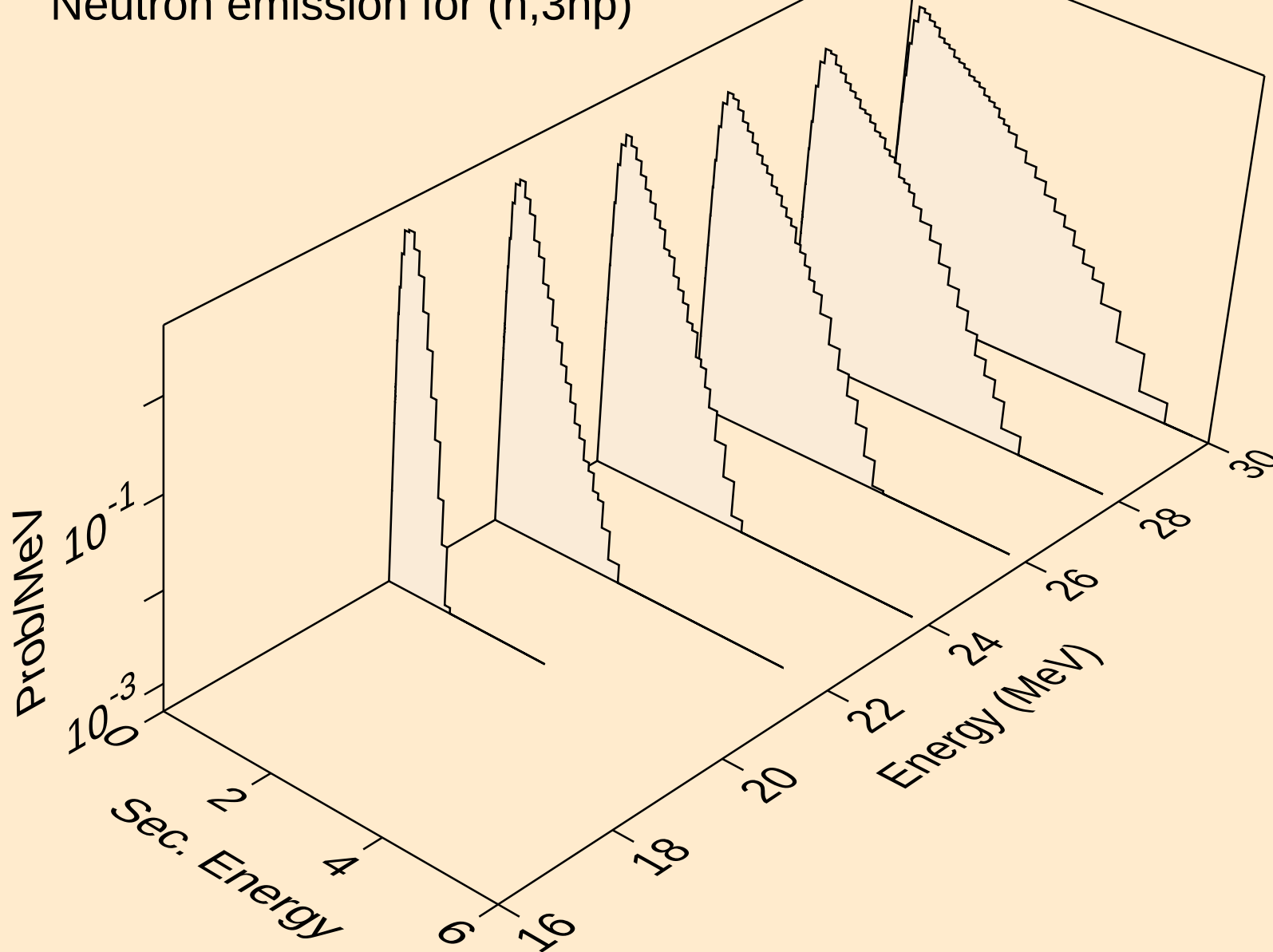
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,4n)



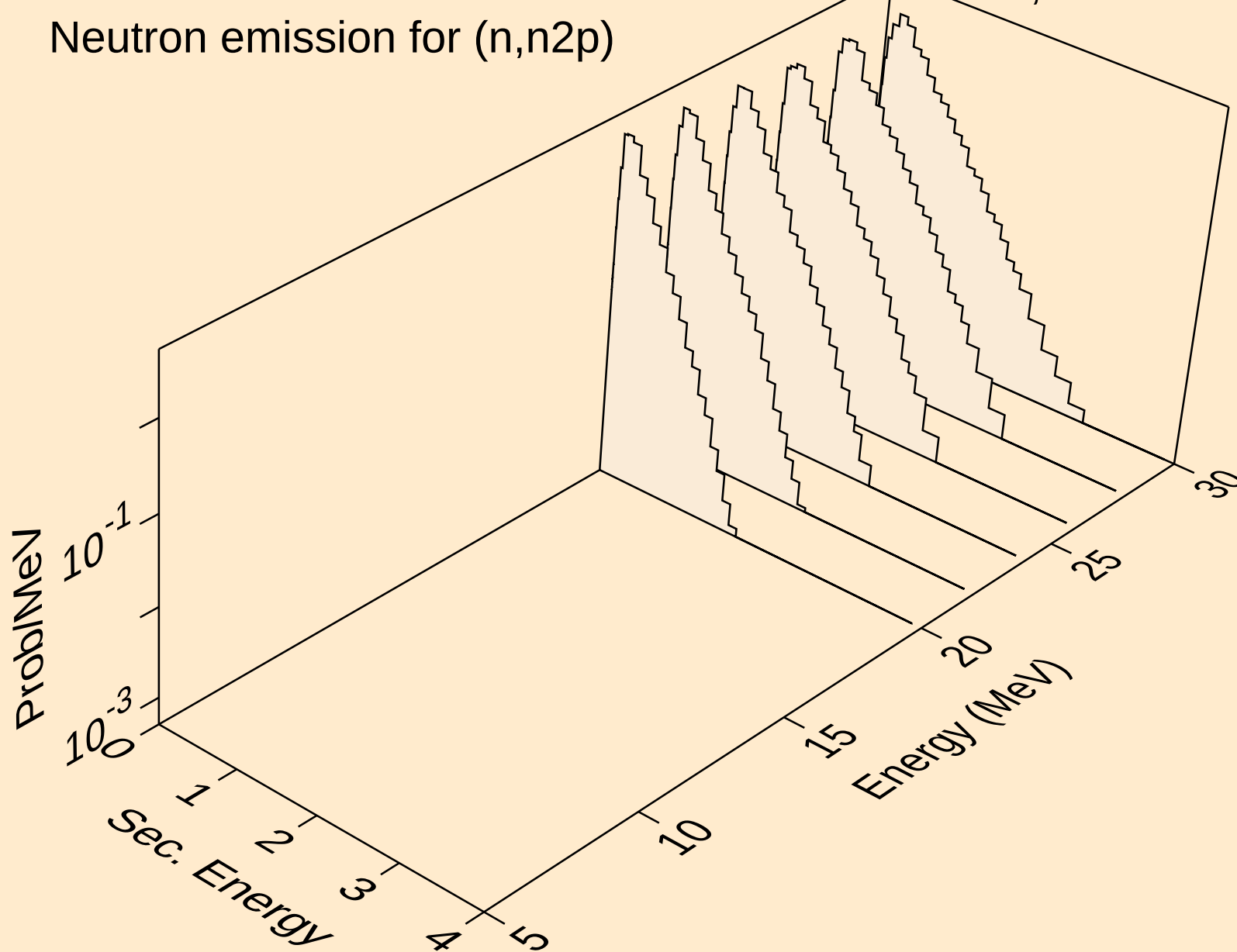
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



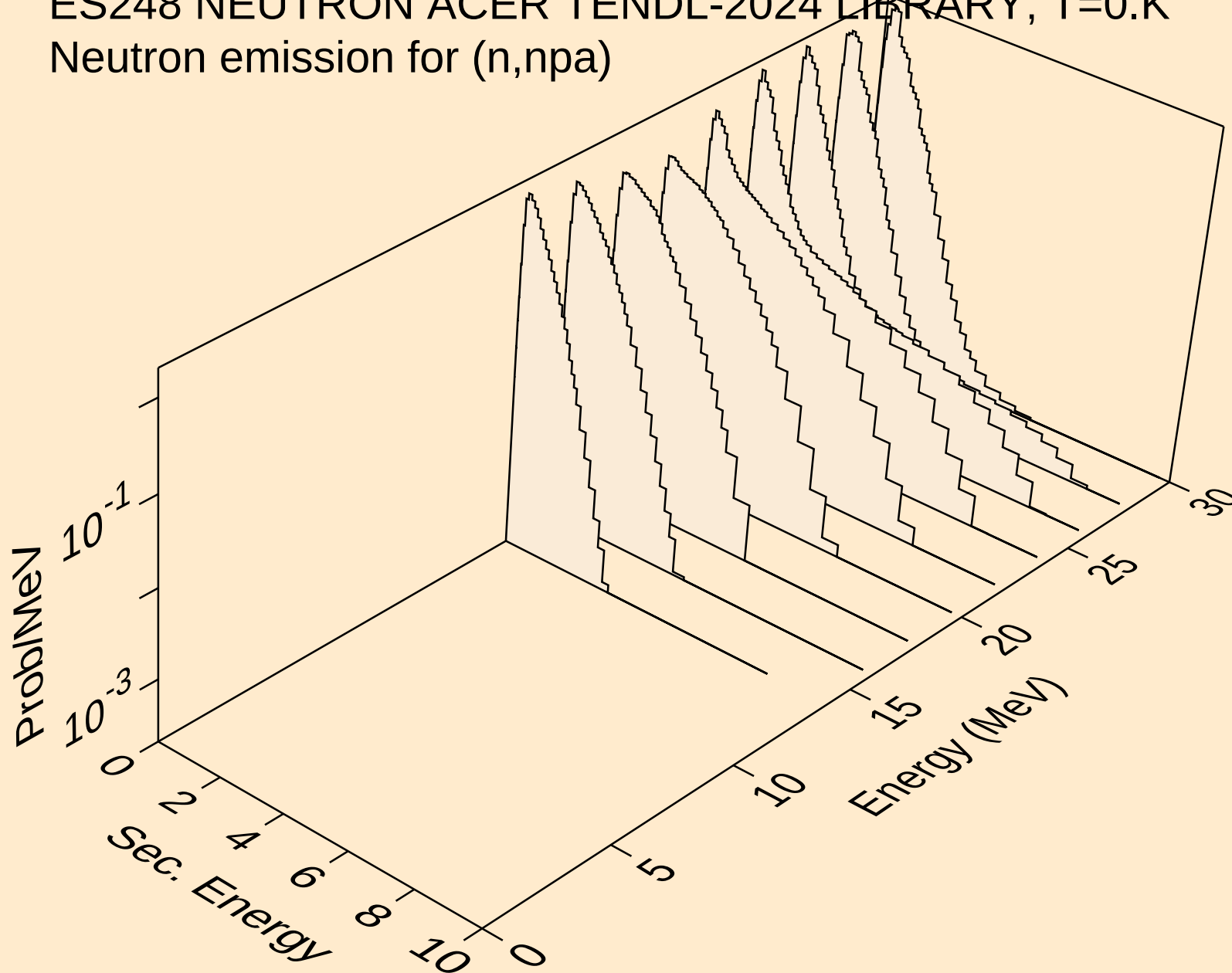
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



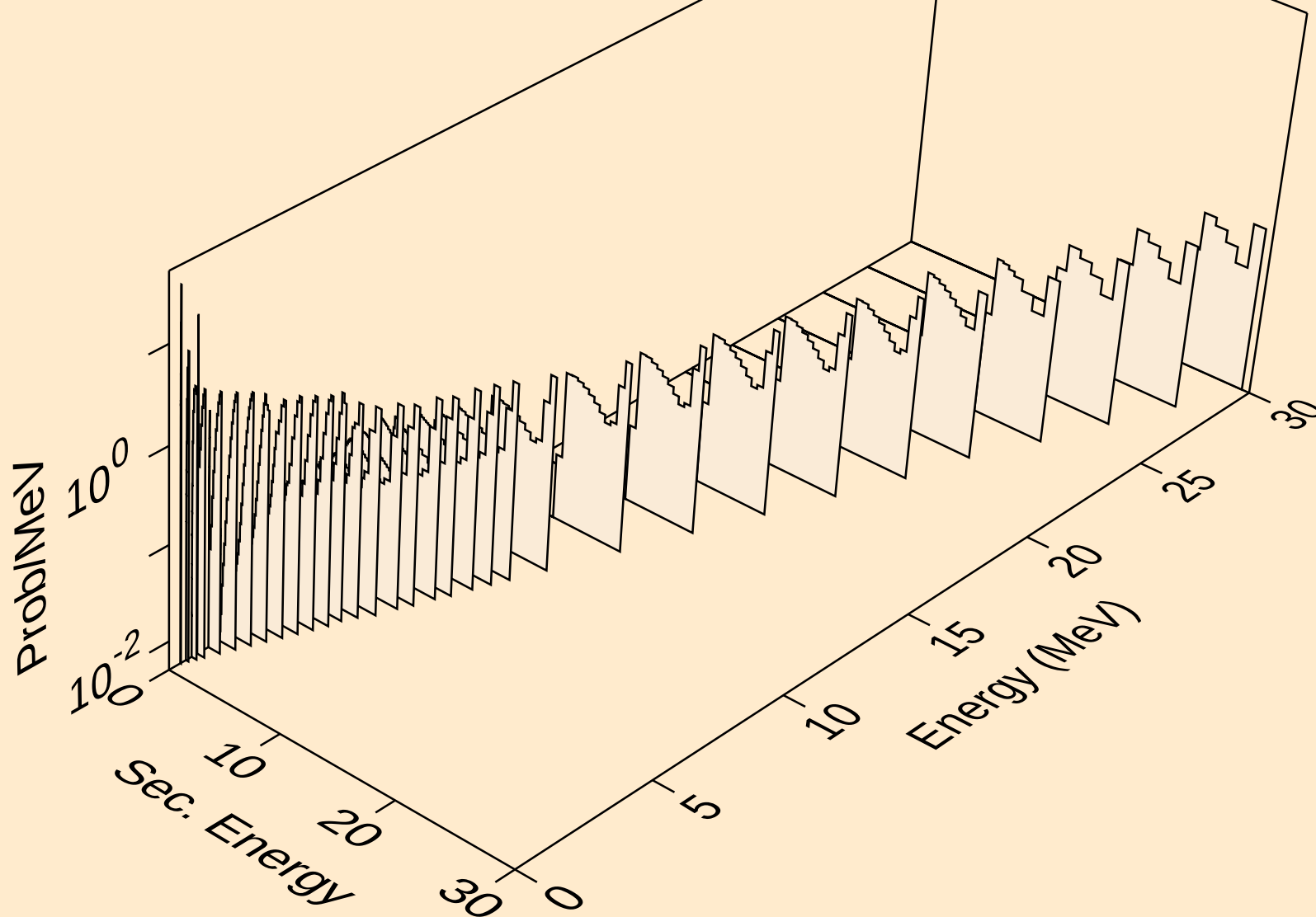
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)

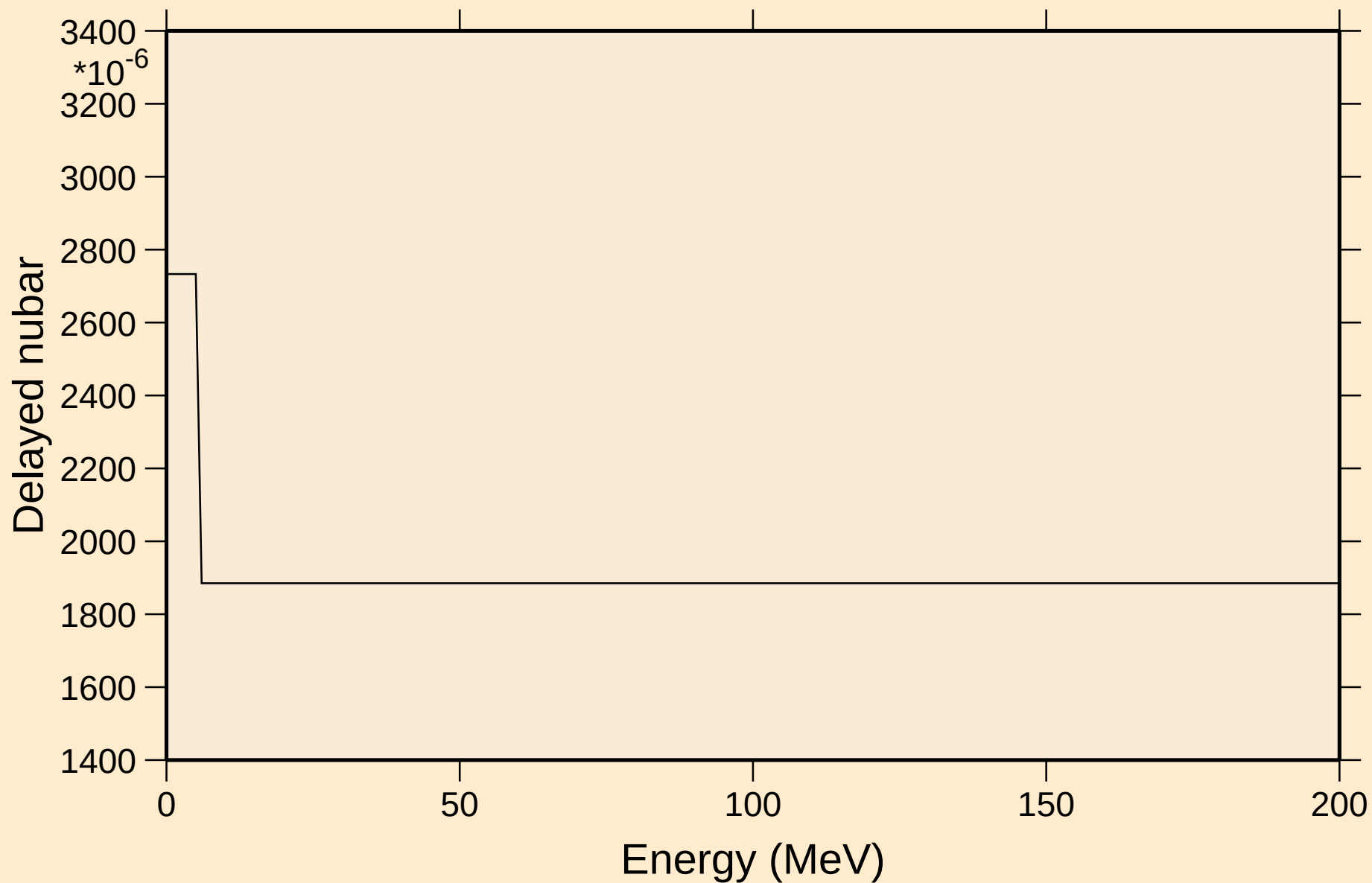


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



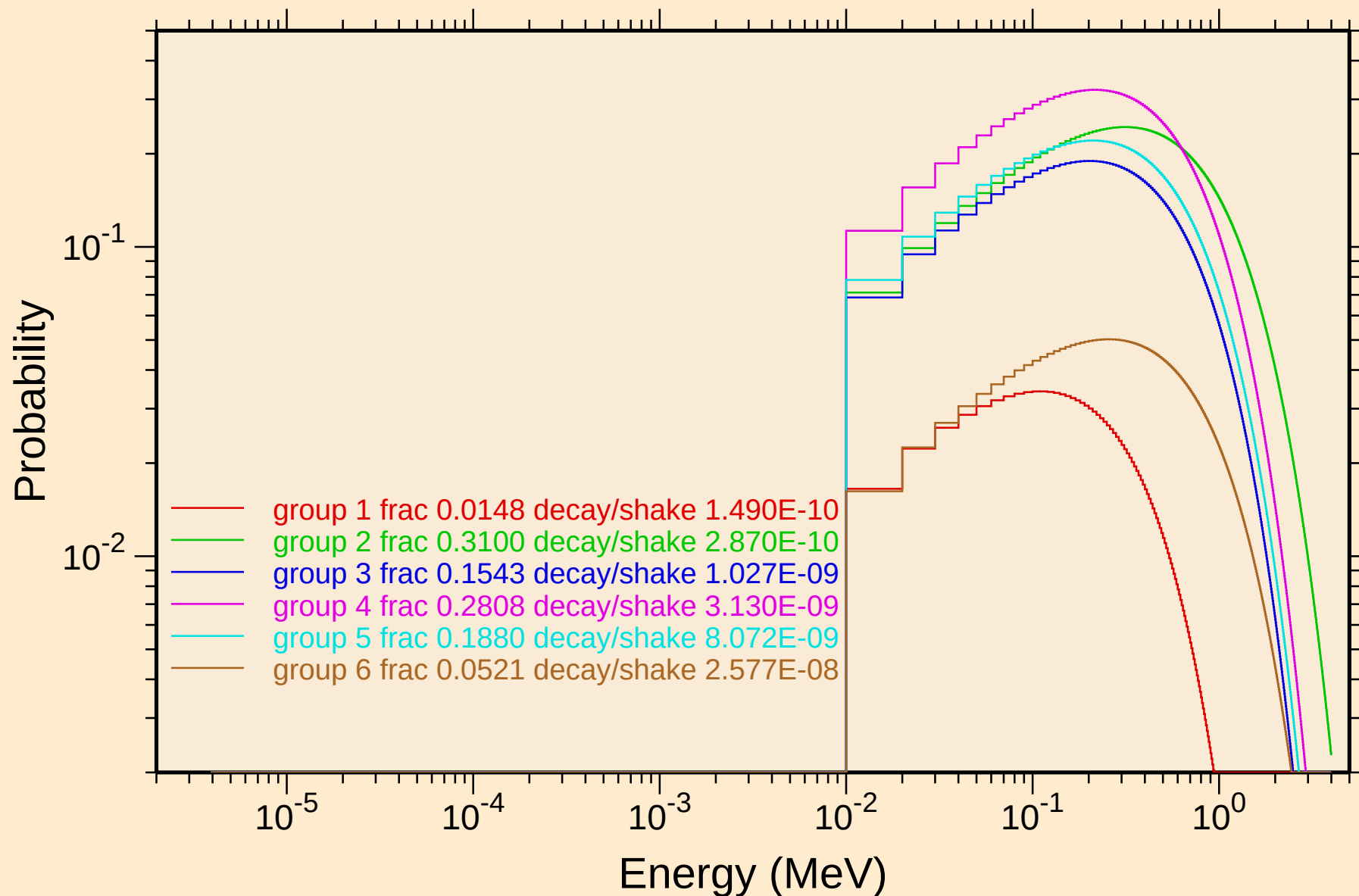
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Delayed nubar



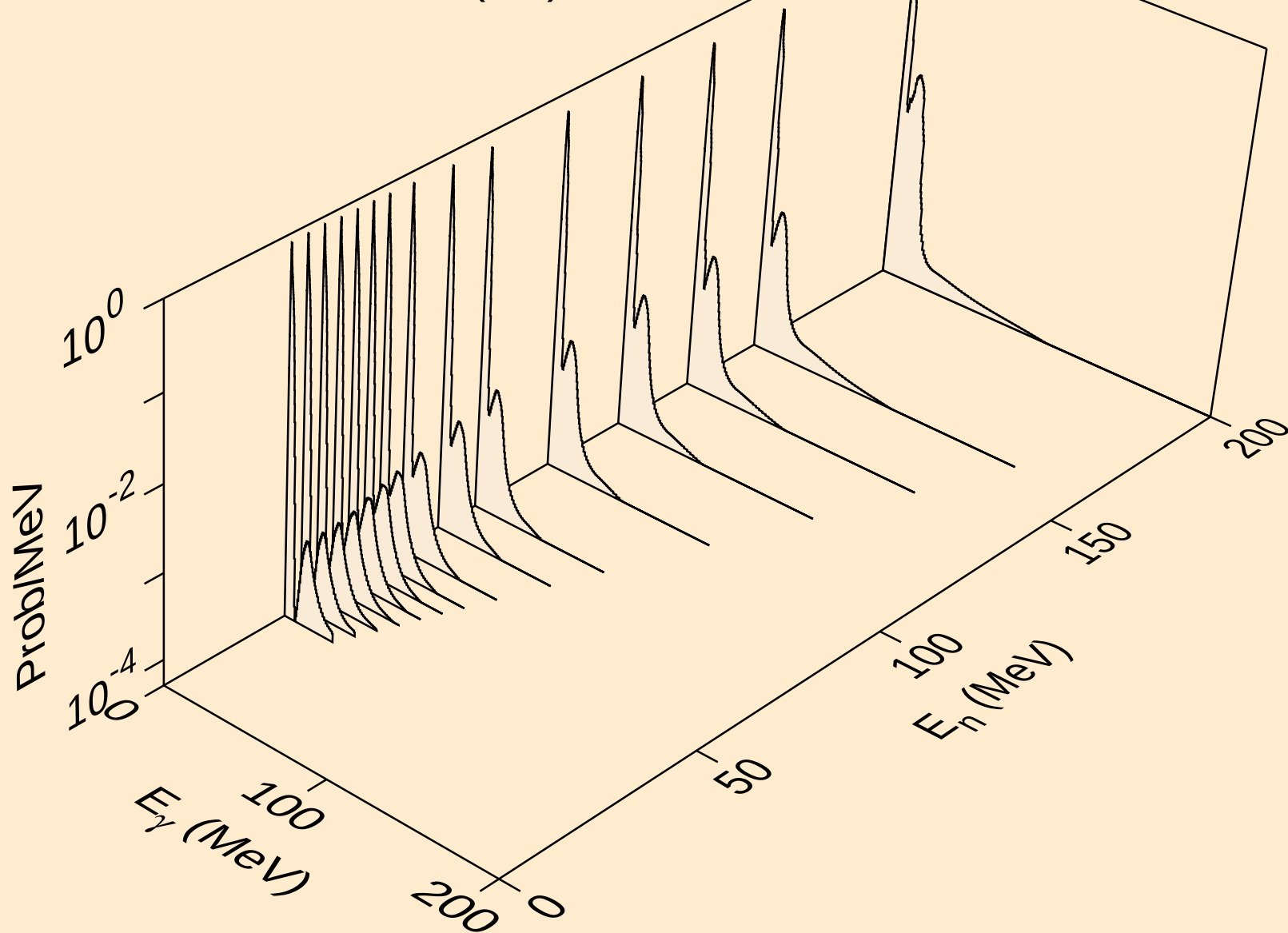
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Delayed neutron spectra

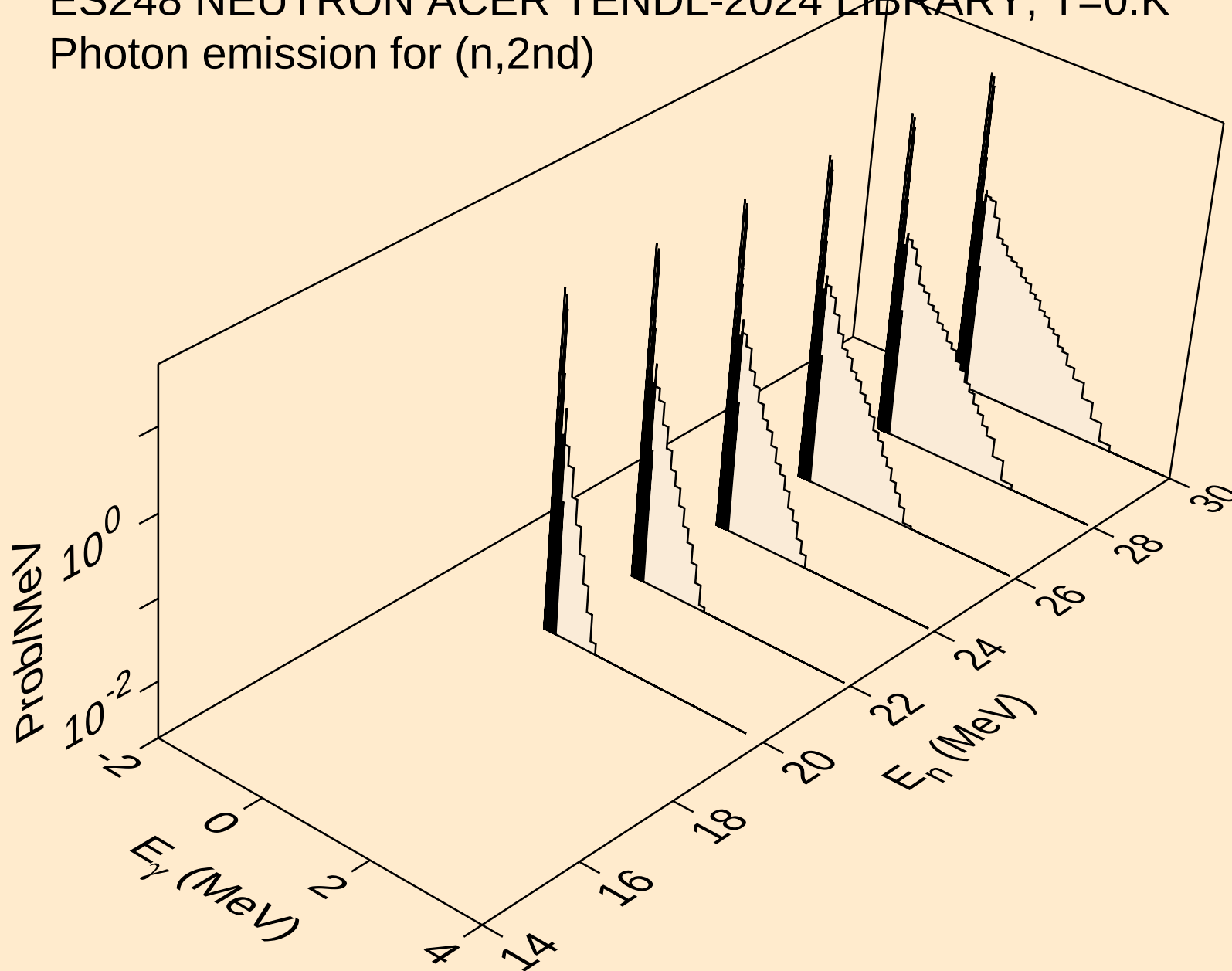


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

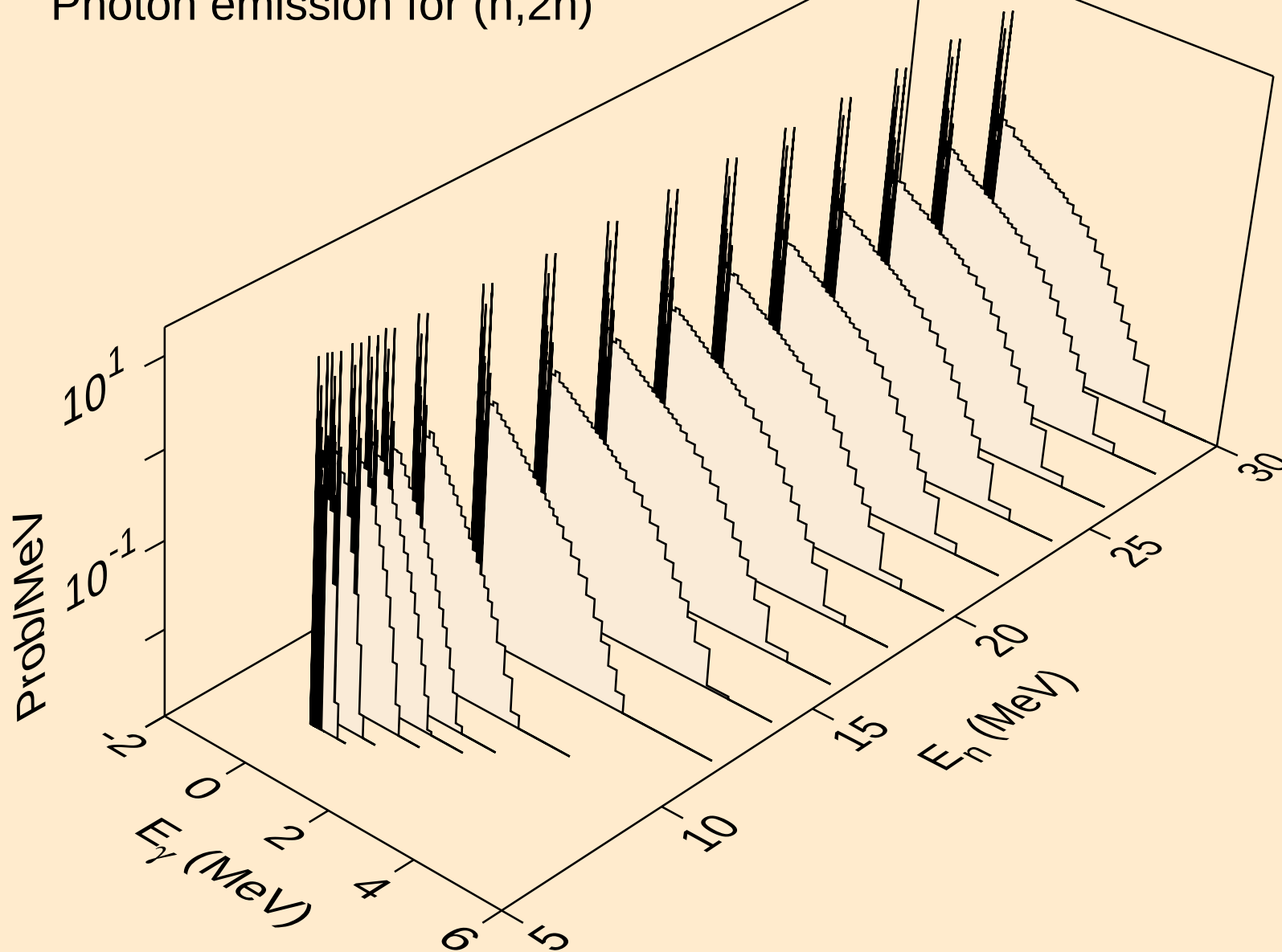
Photon emission for (n,x)



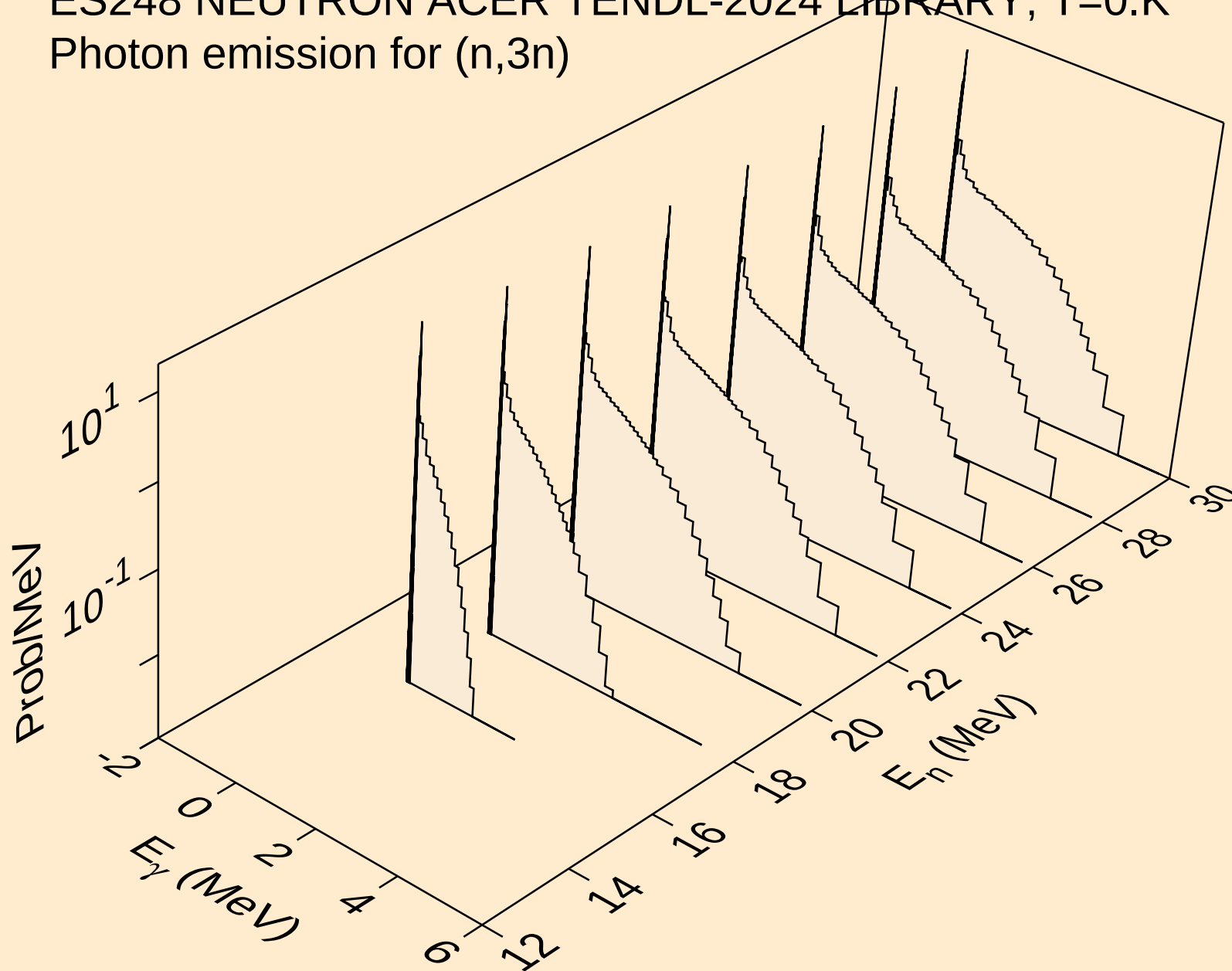
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)

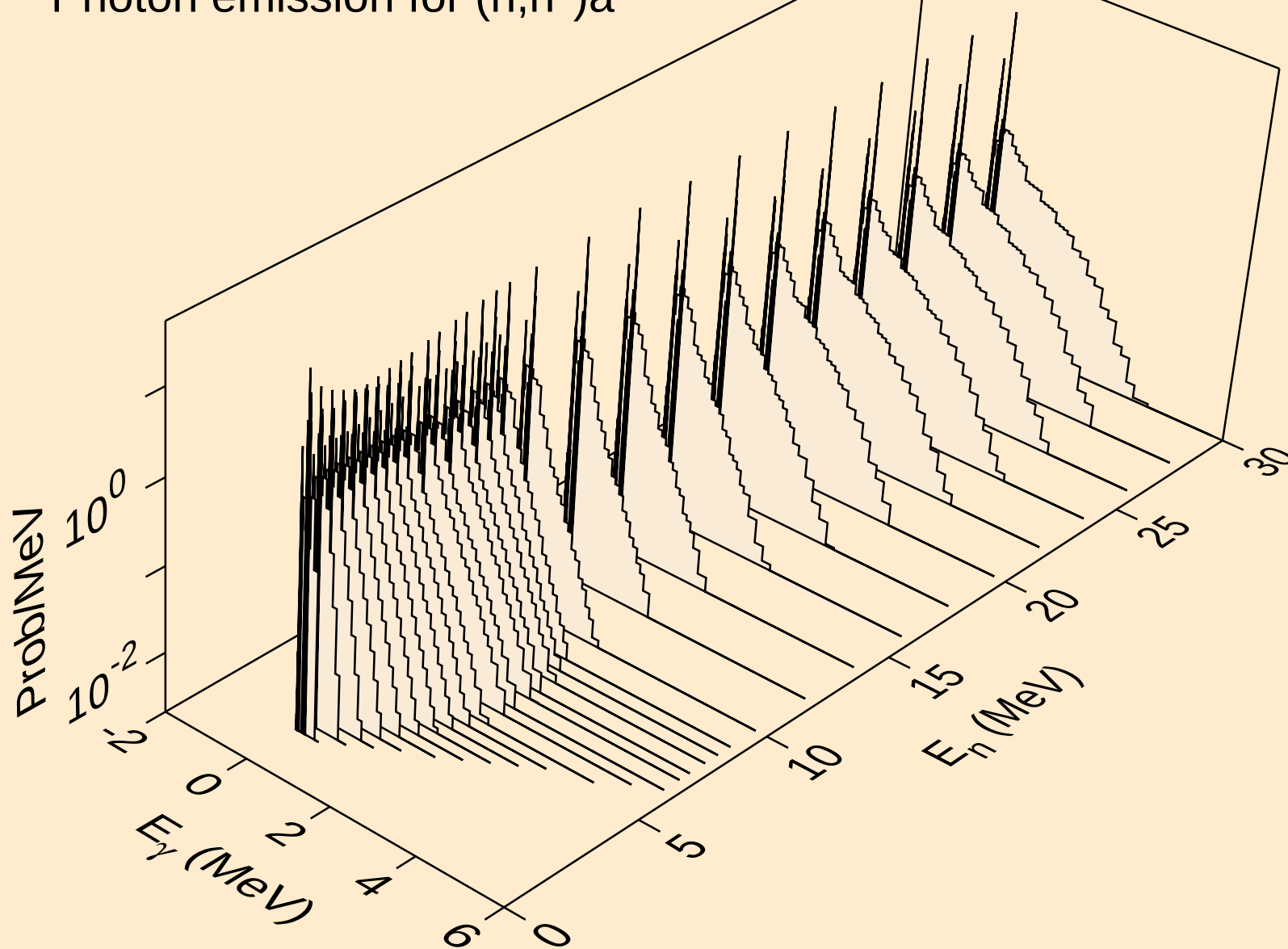


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



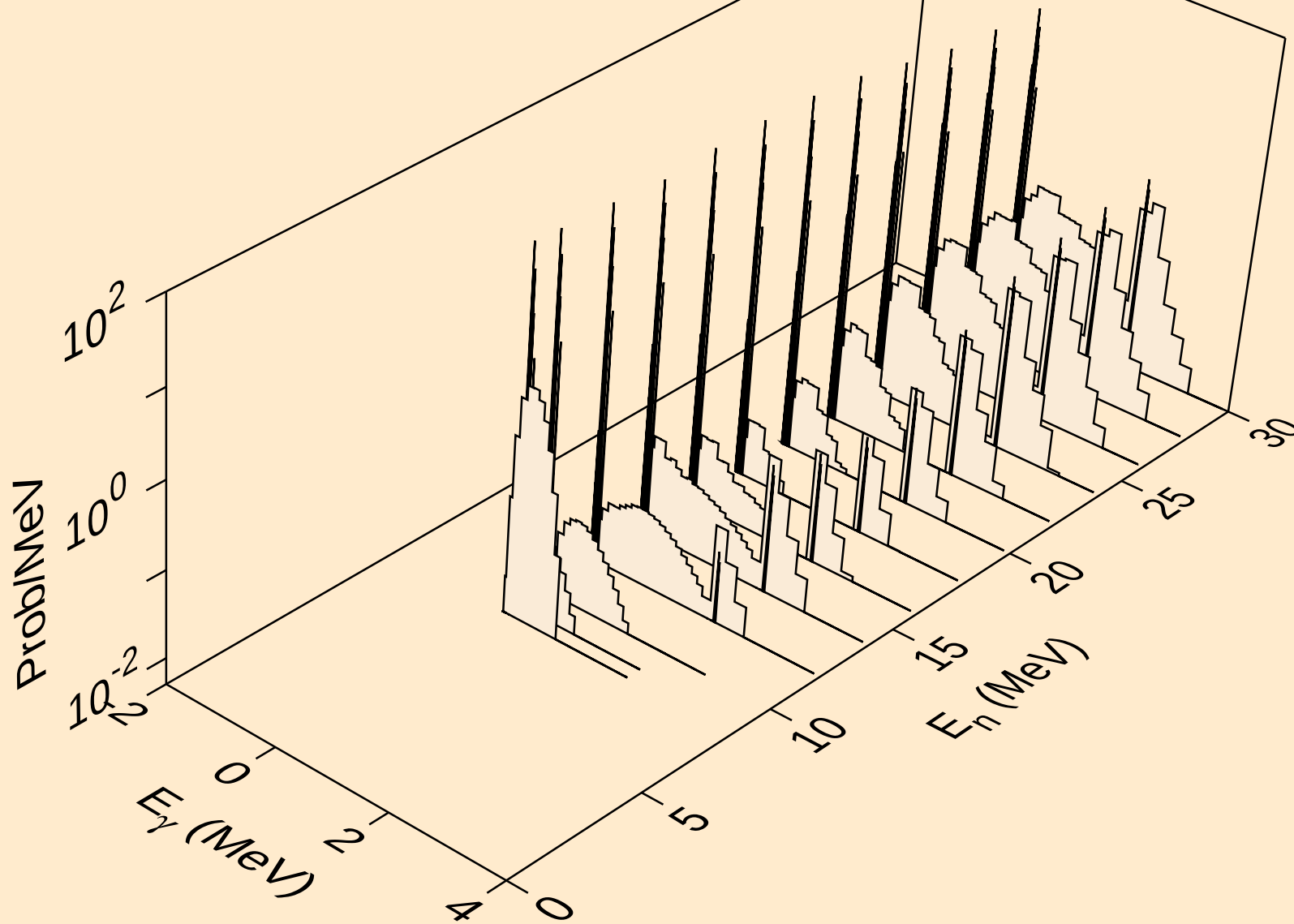
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



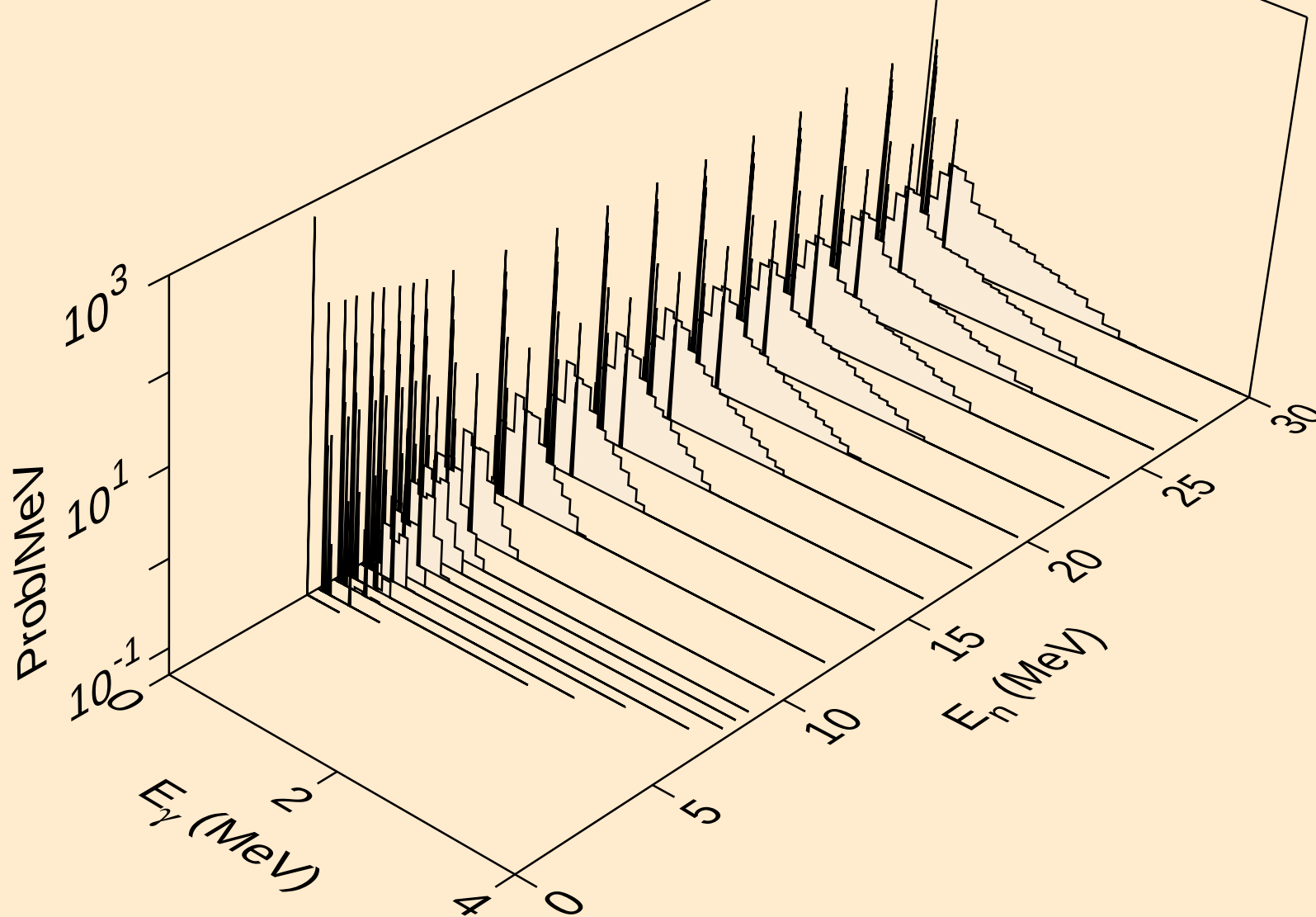
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



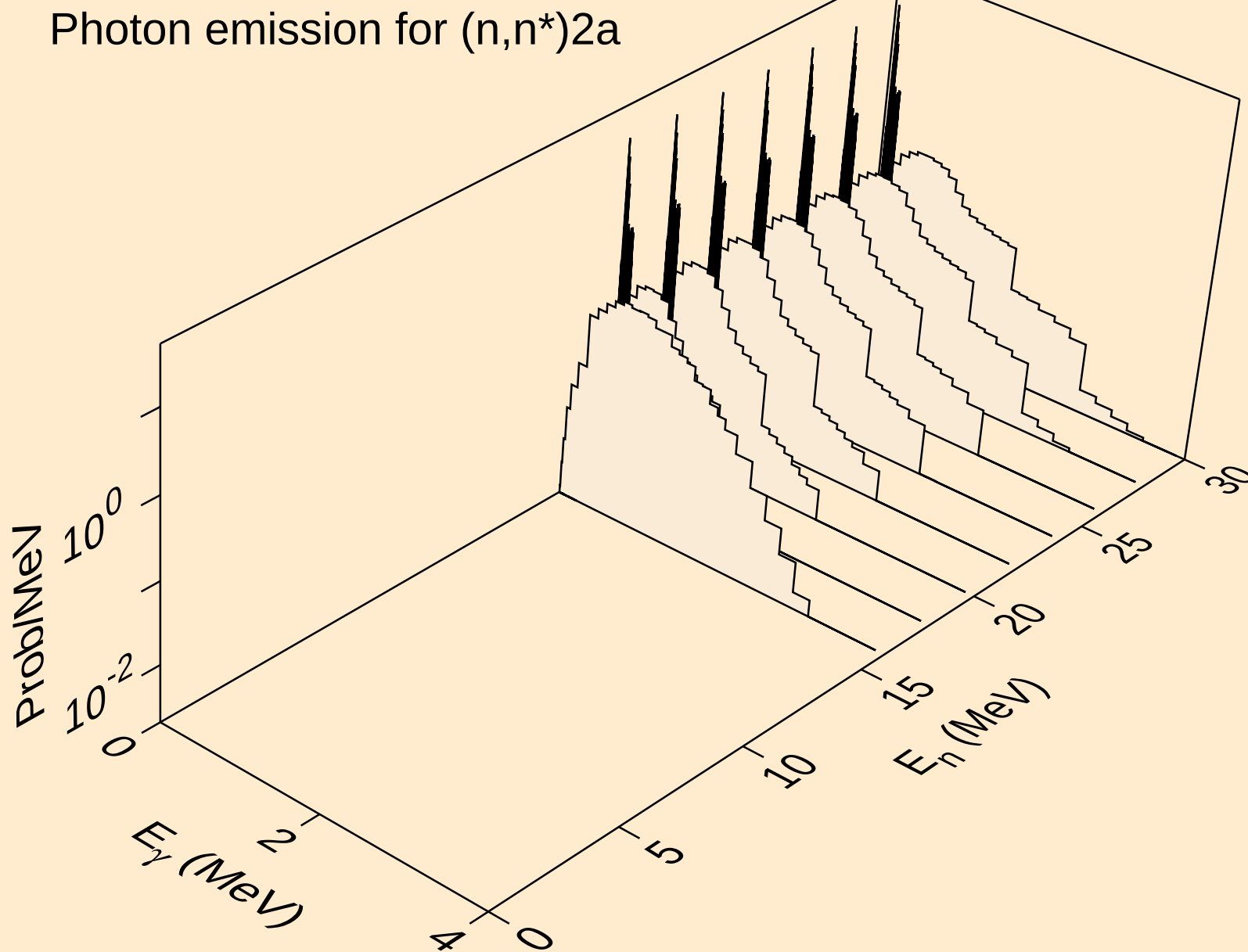
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p



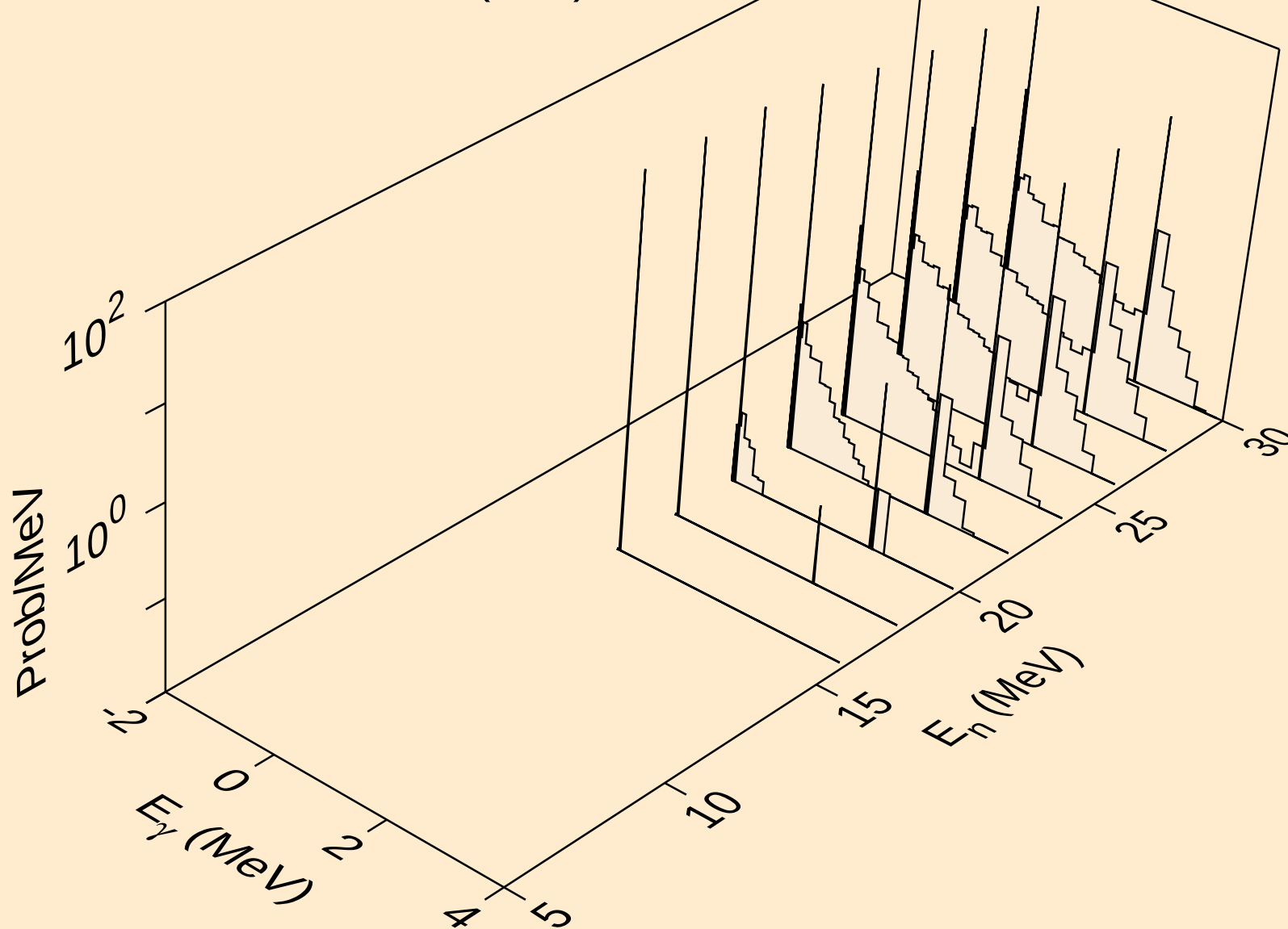
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)2a



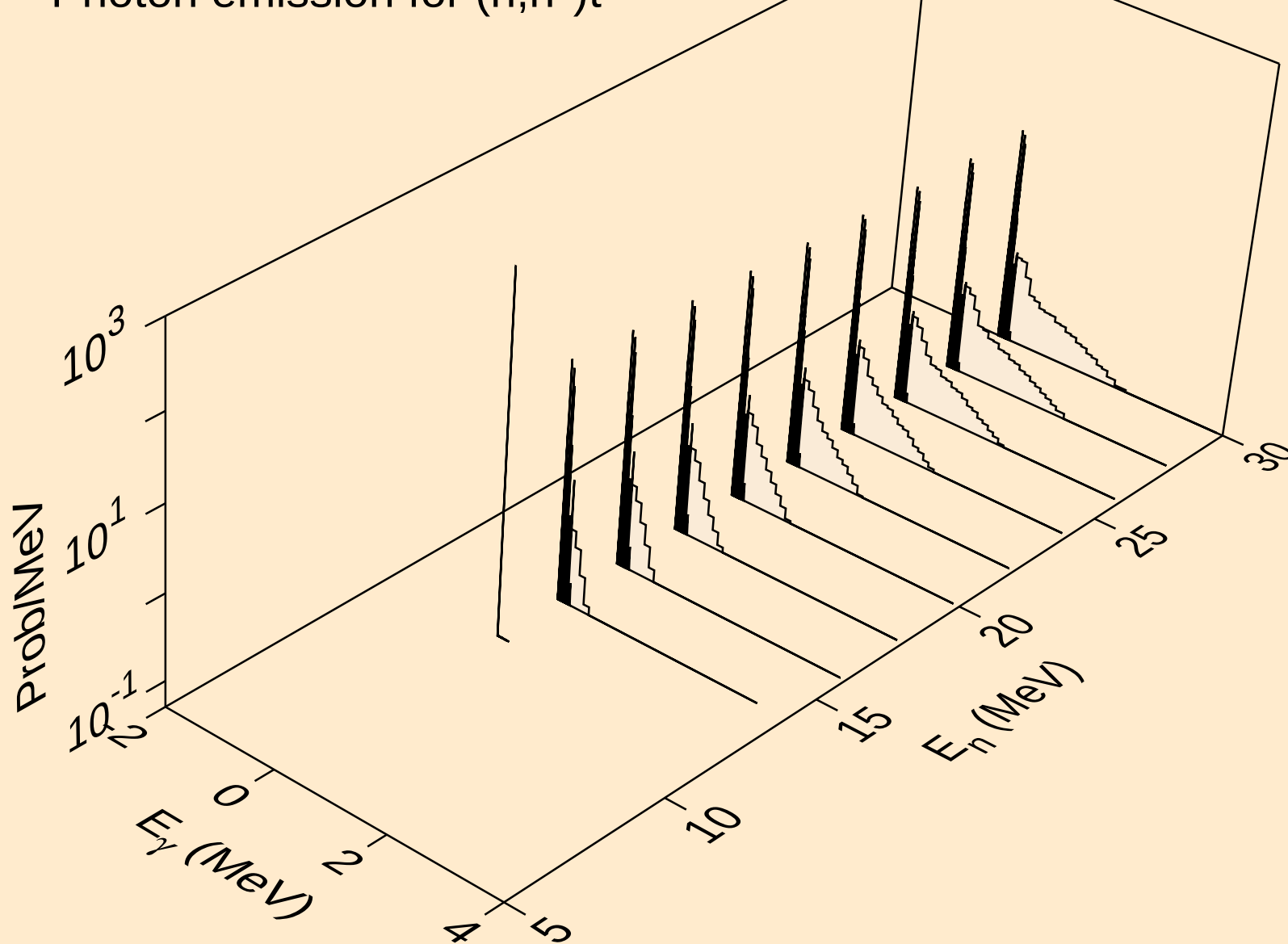
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)d

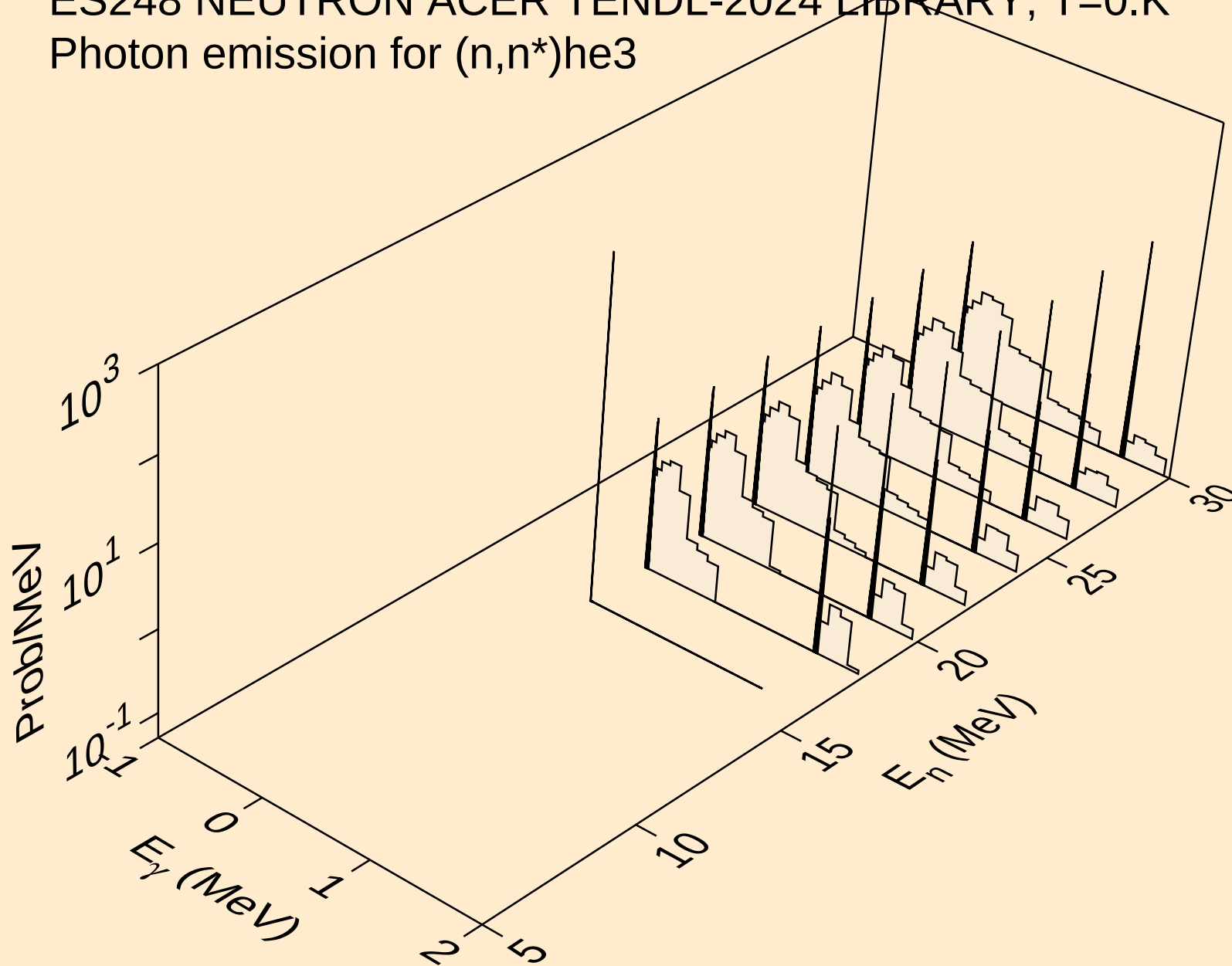


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

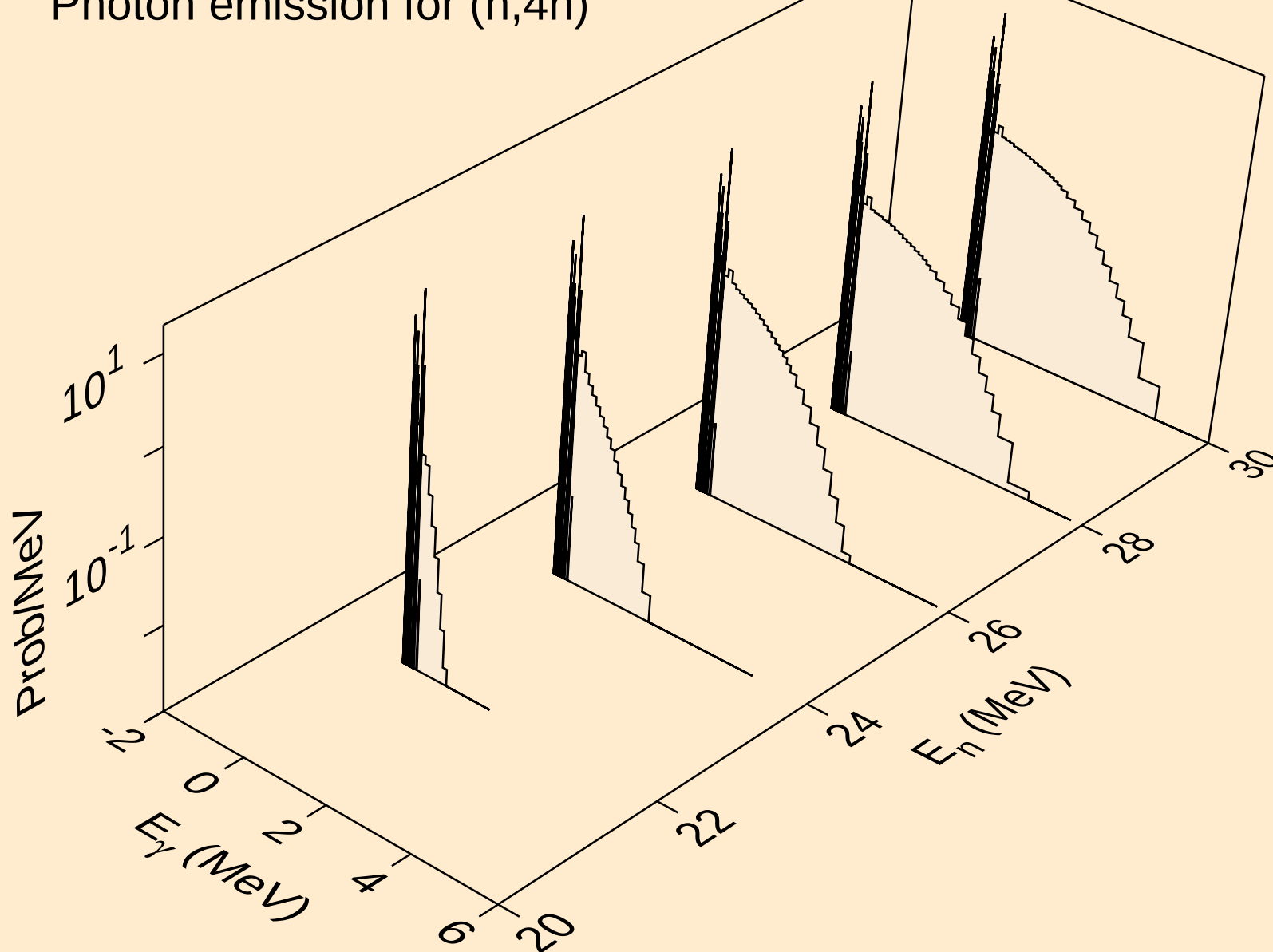
Photon emission for (n,n*)t



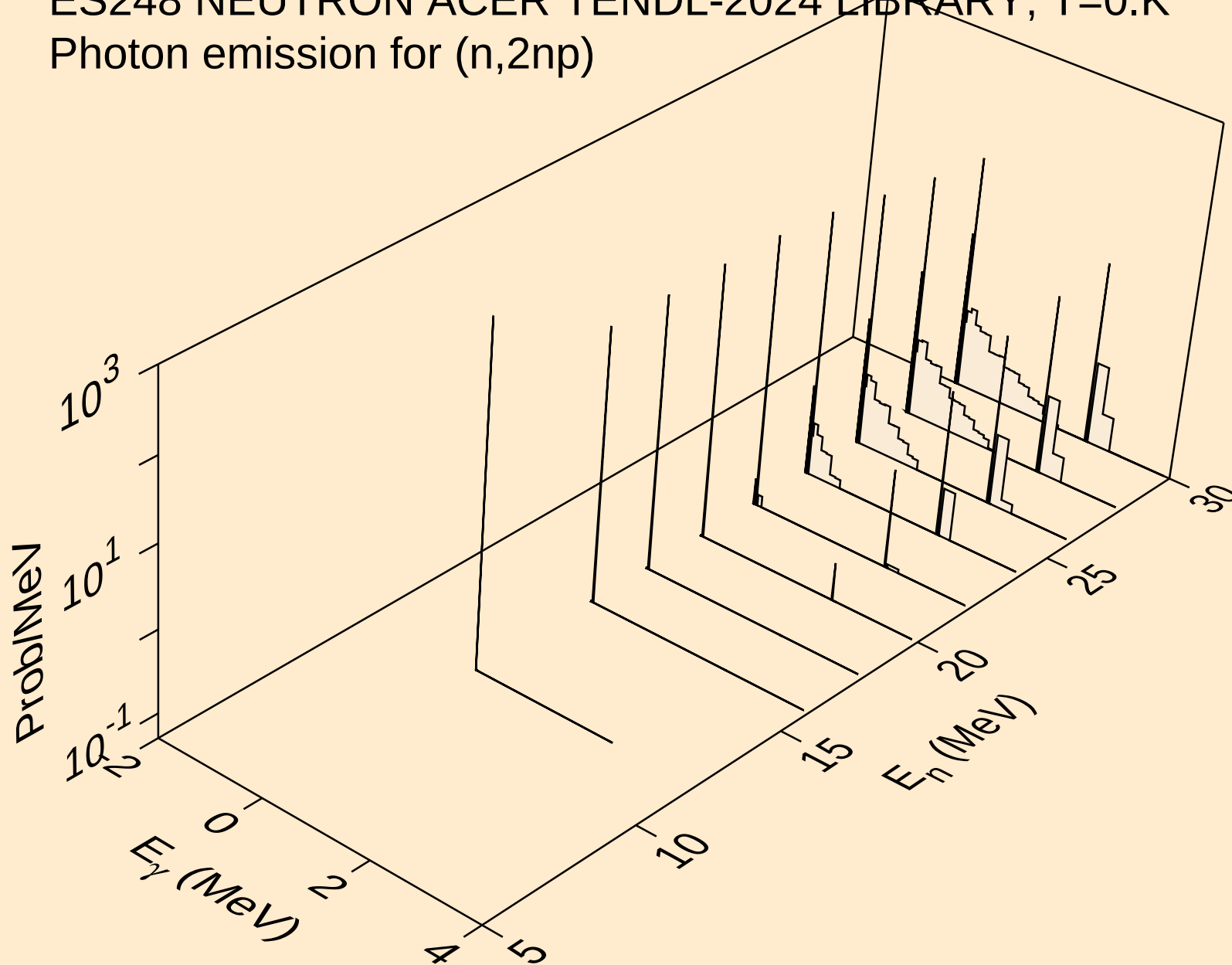
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



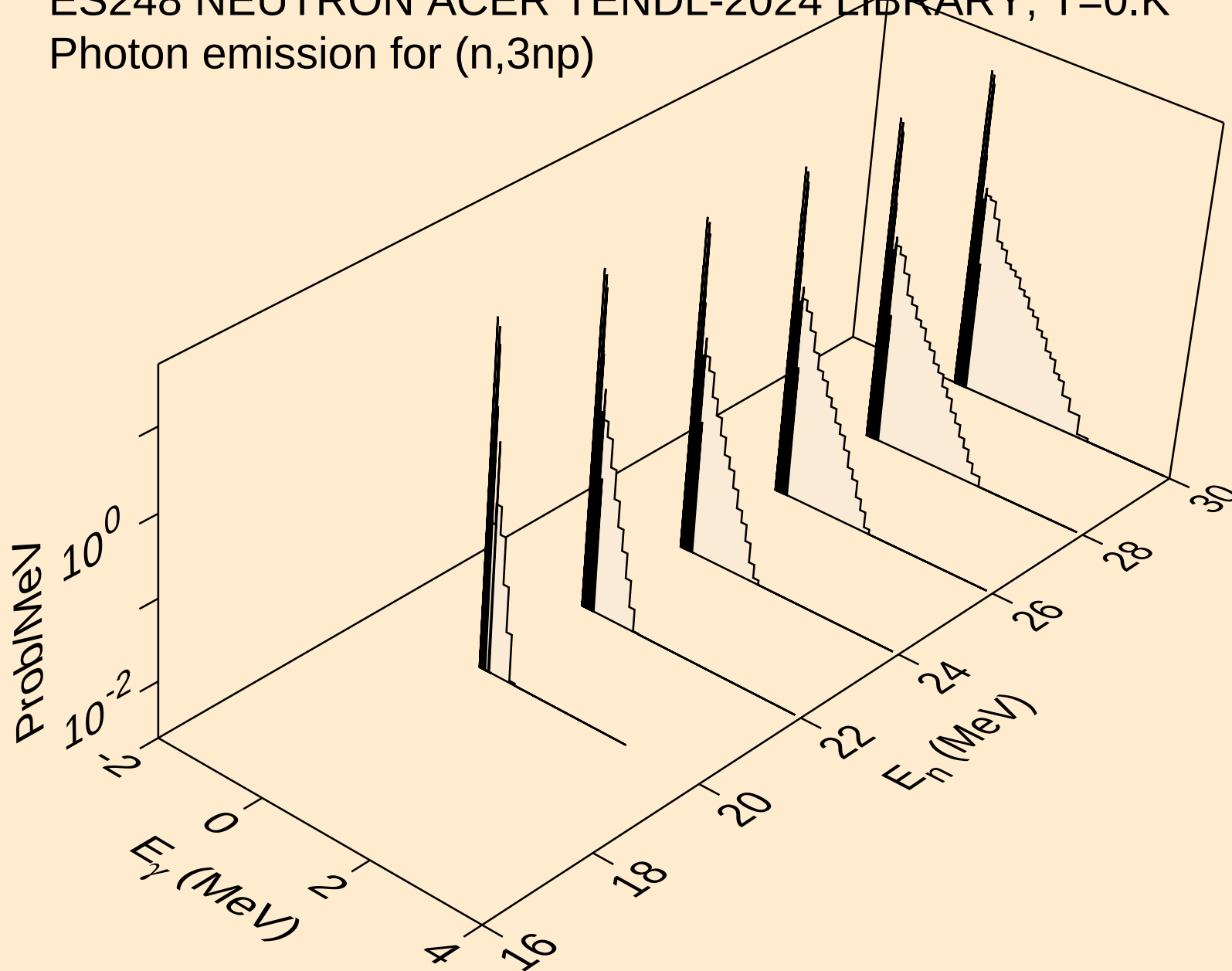
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



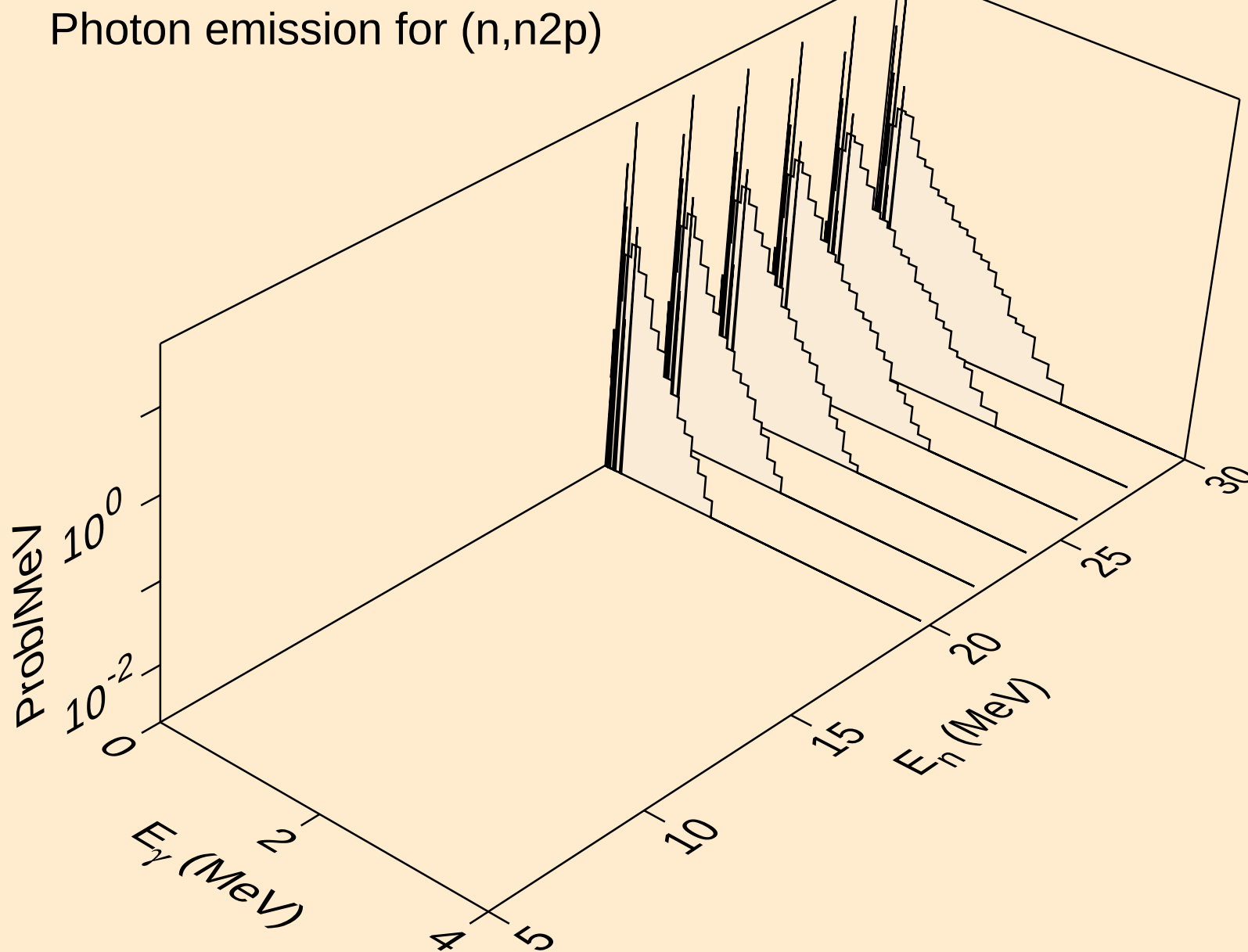
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)

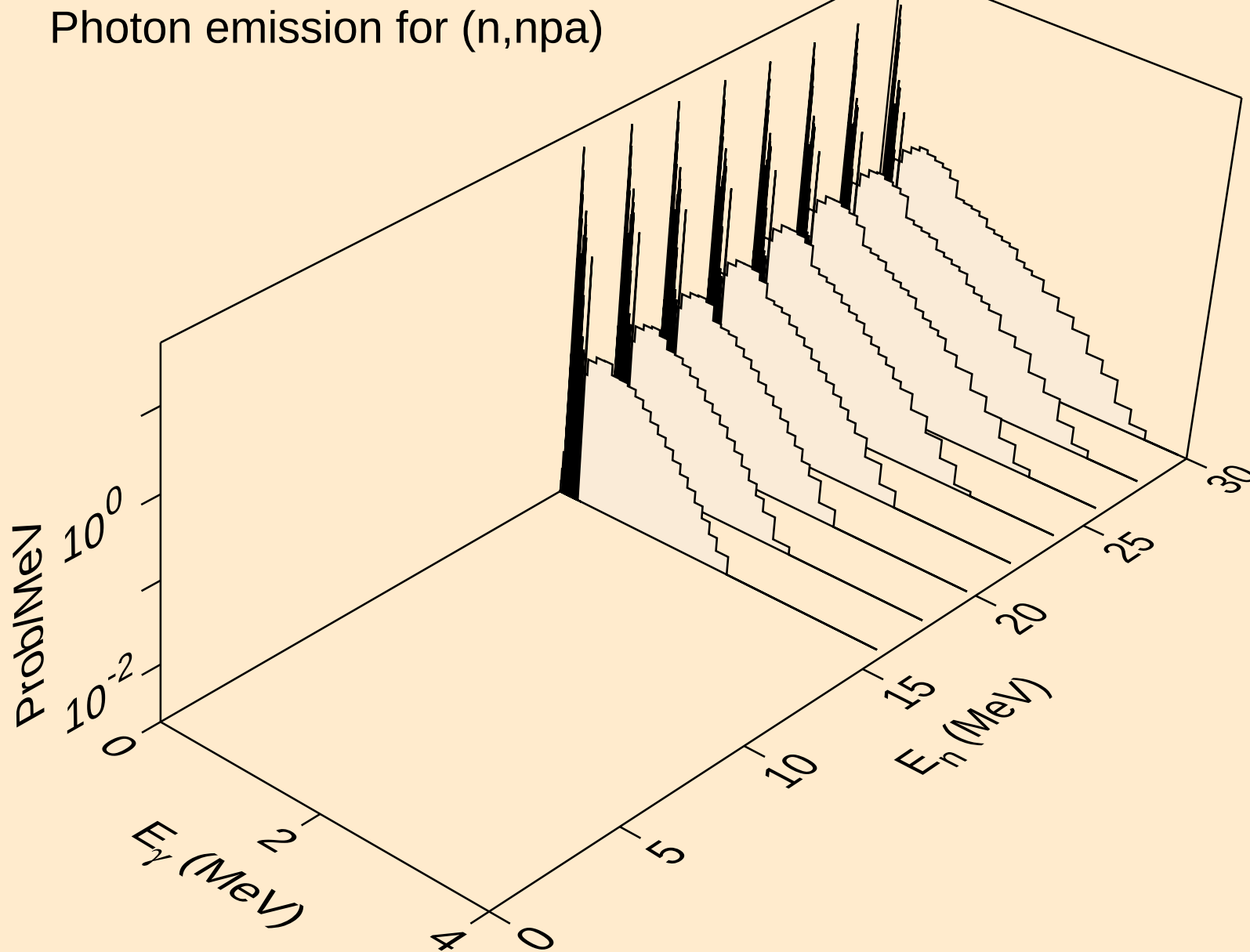


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)

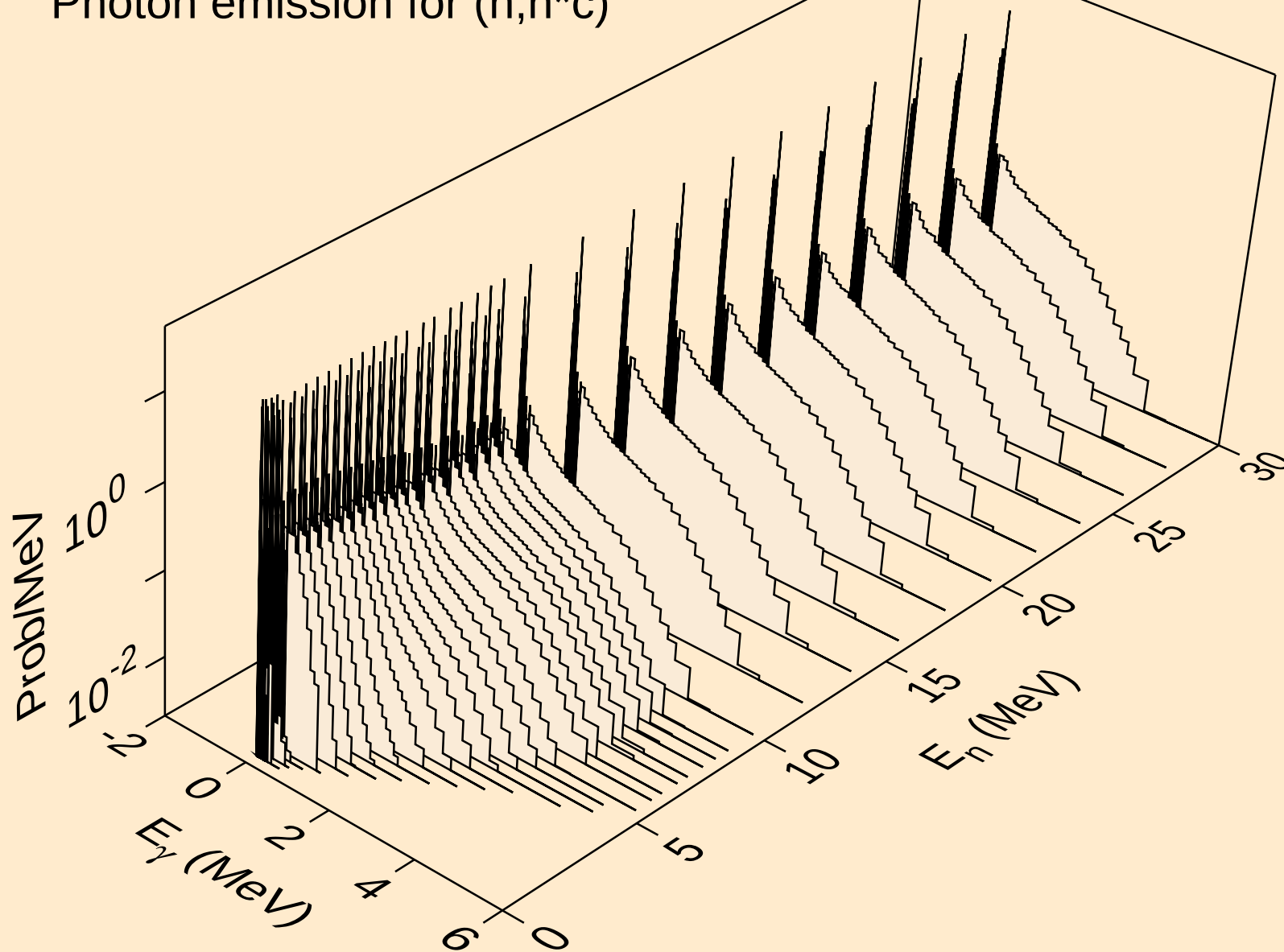


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

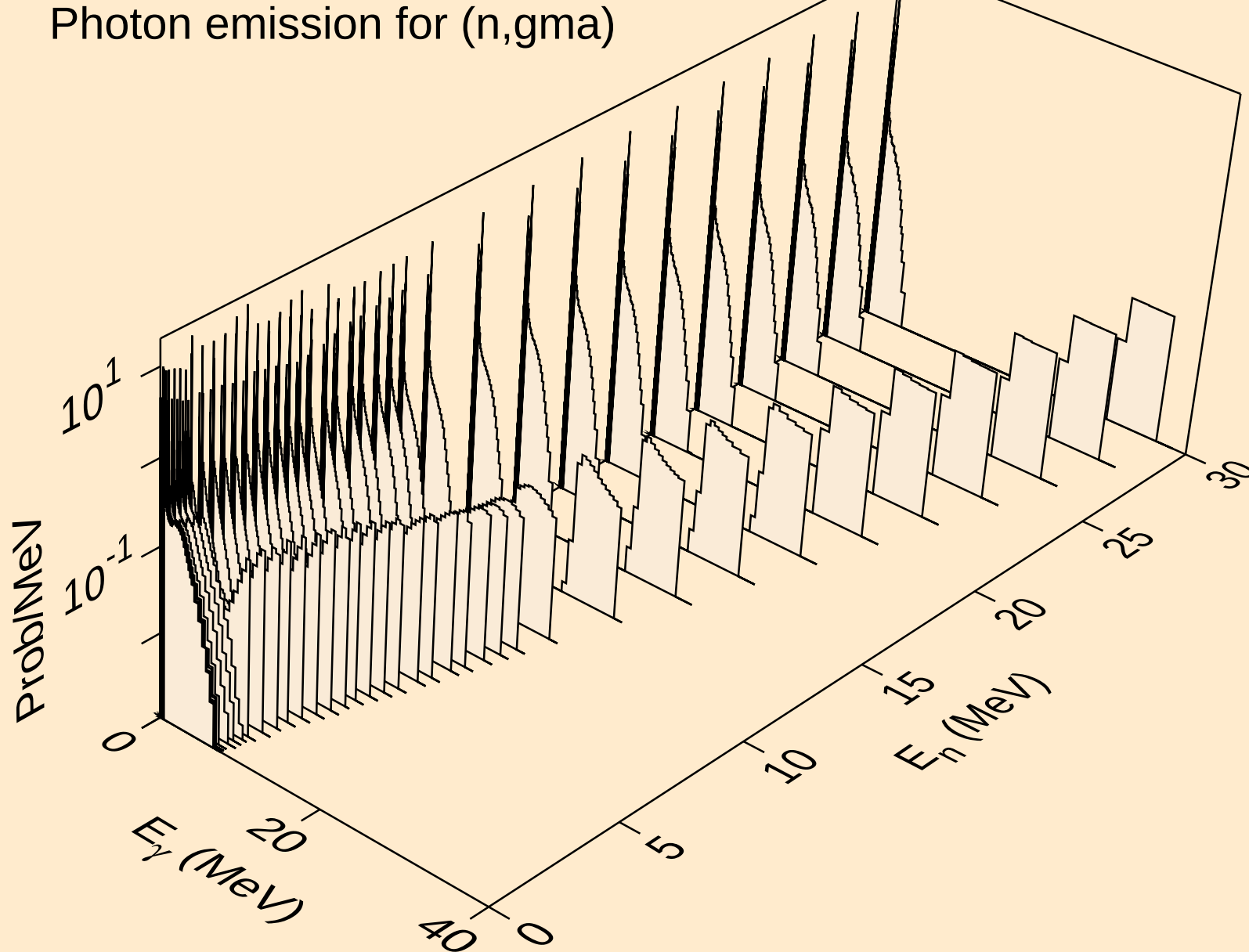
Photon emission for (n,npa)



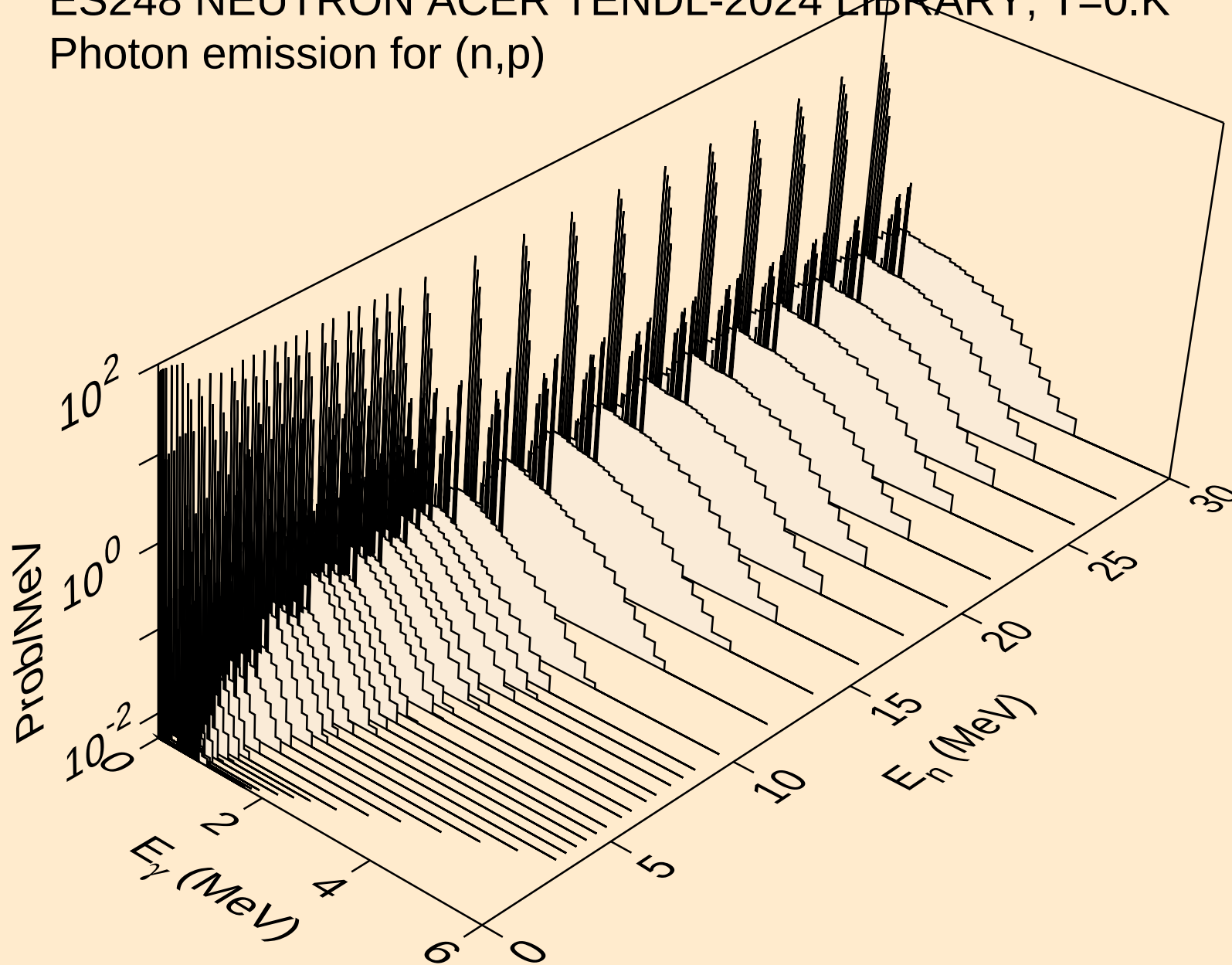
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*c)



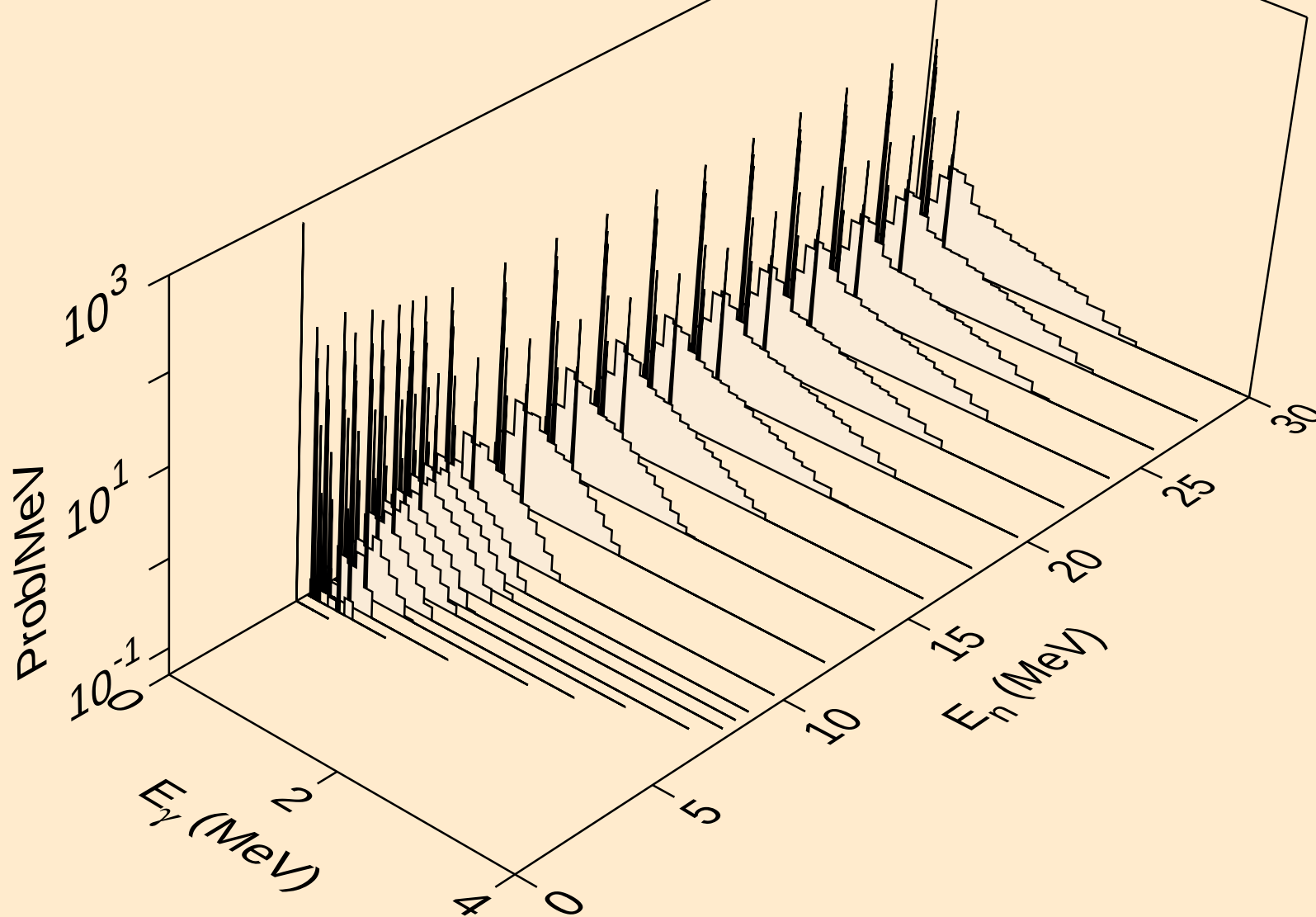
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



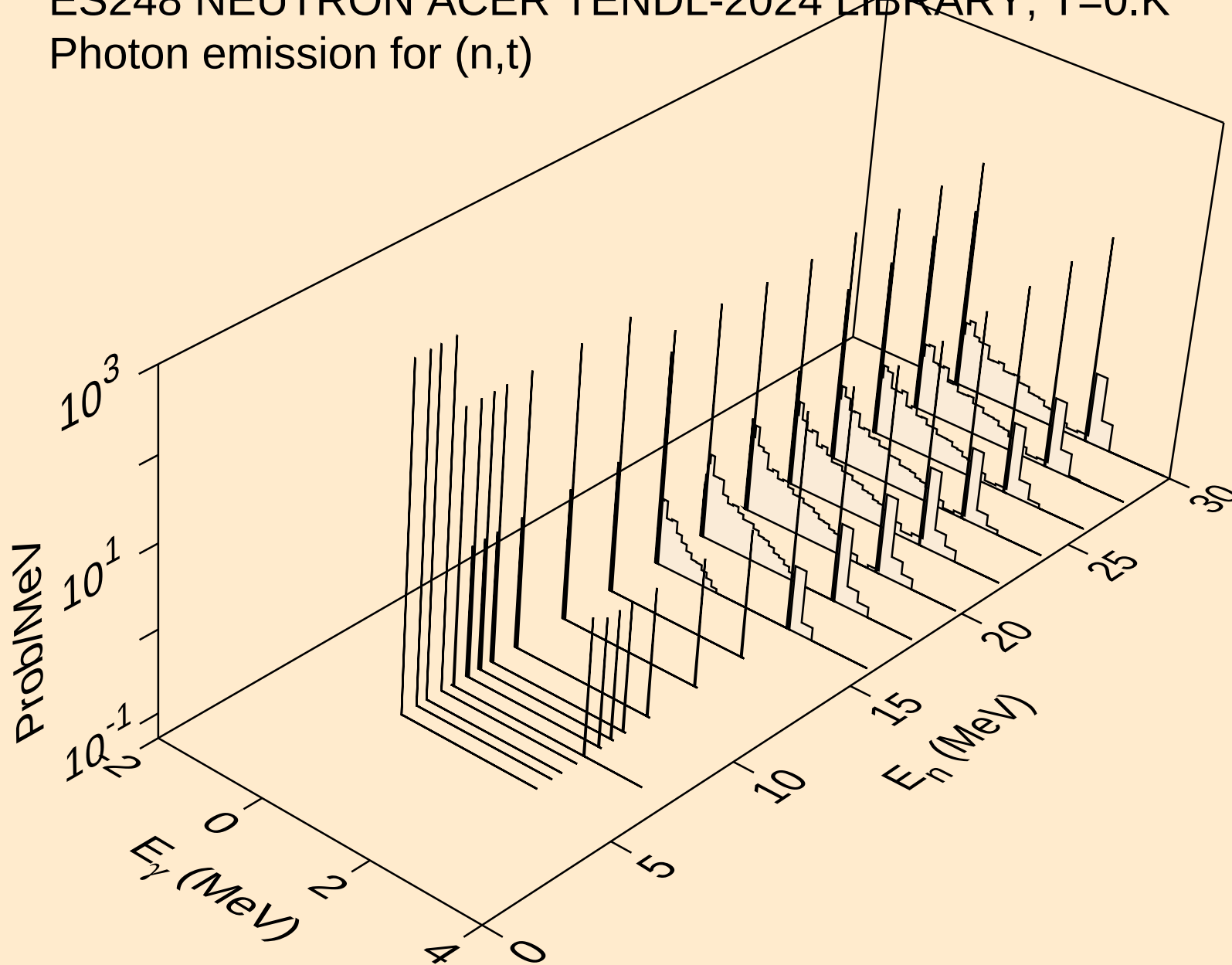
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



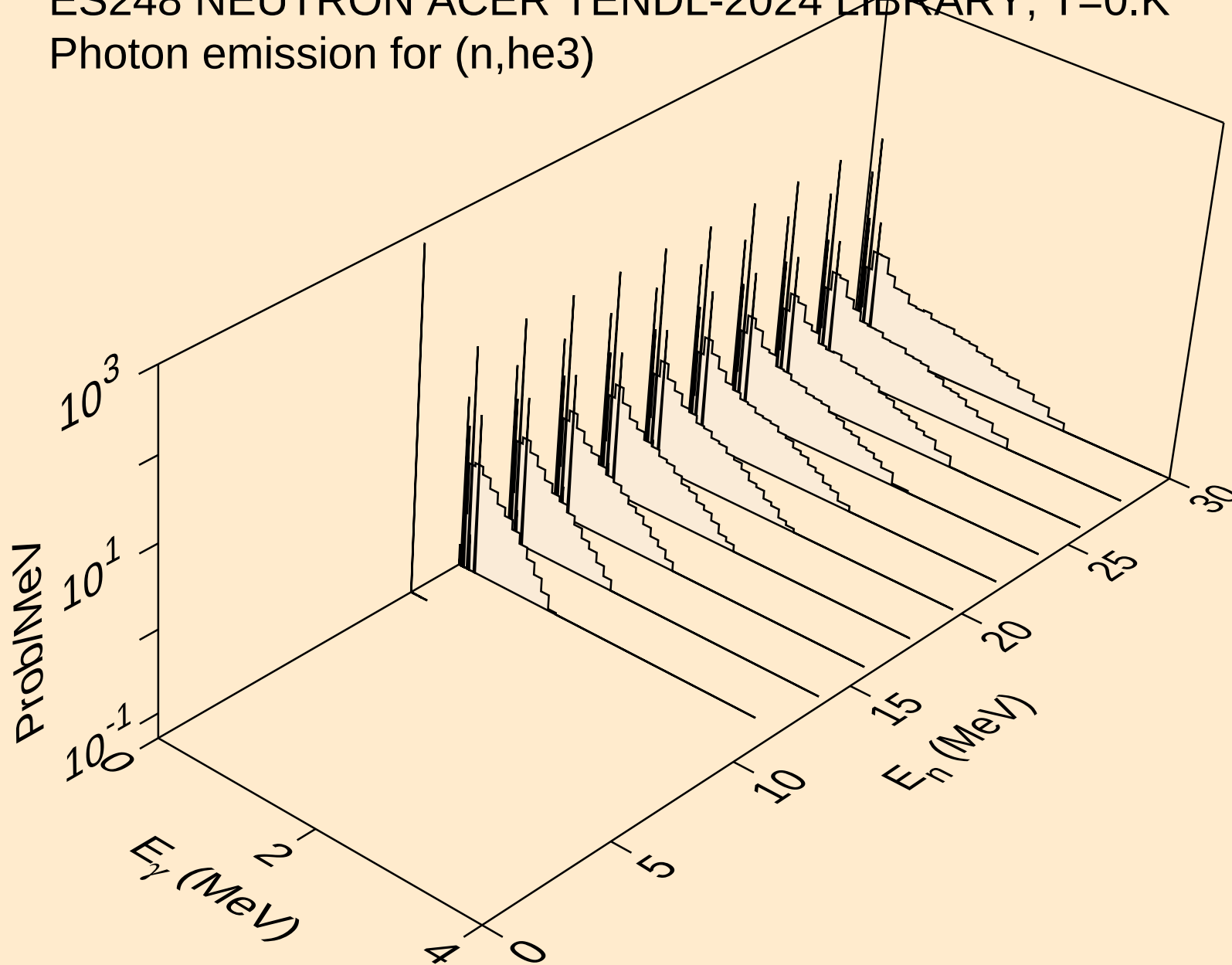
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



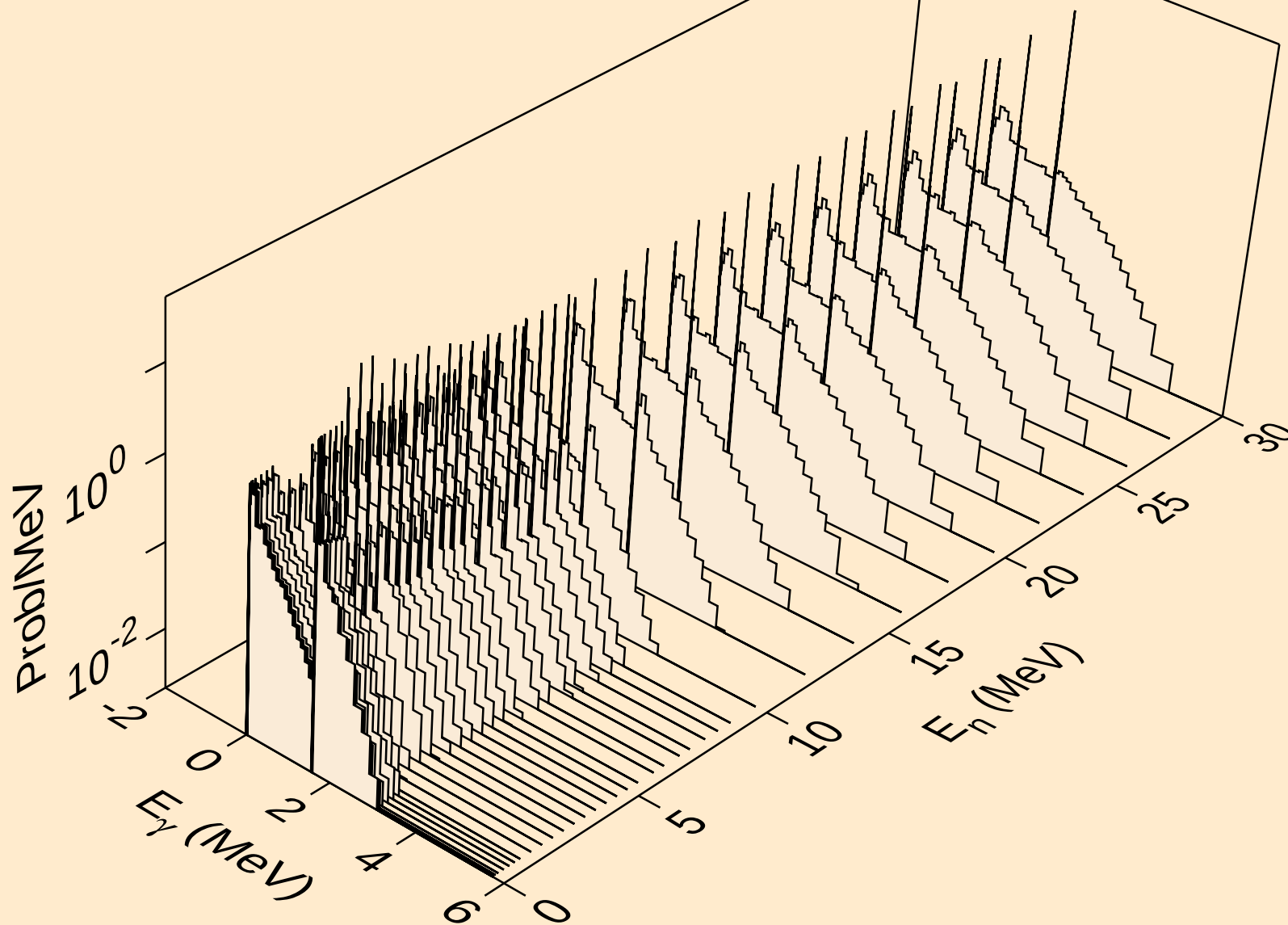
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



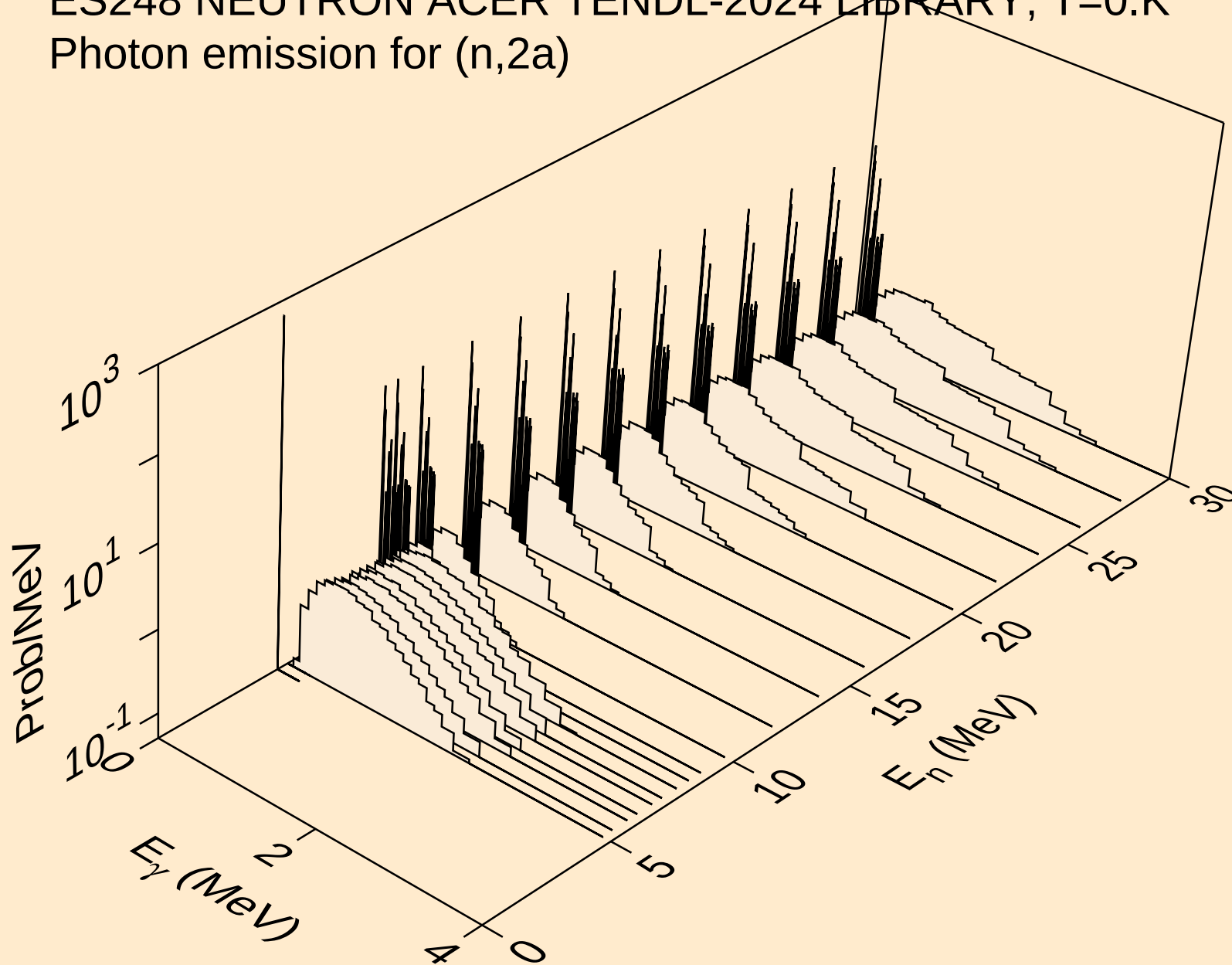
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



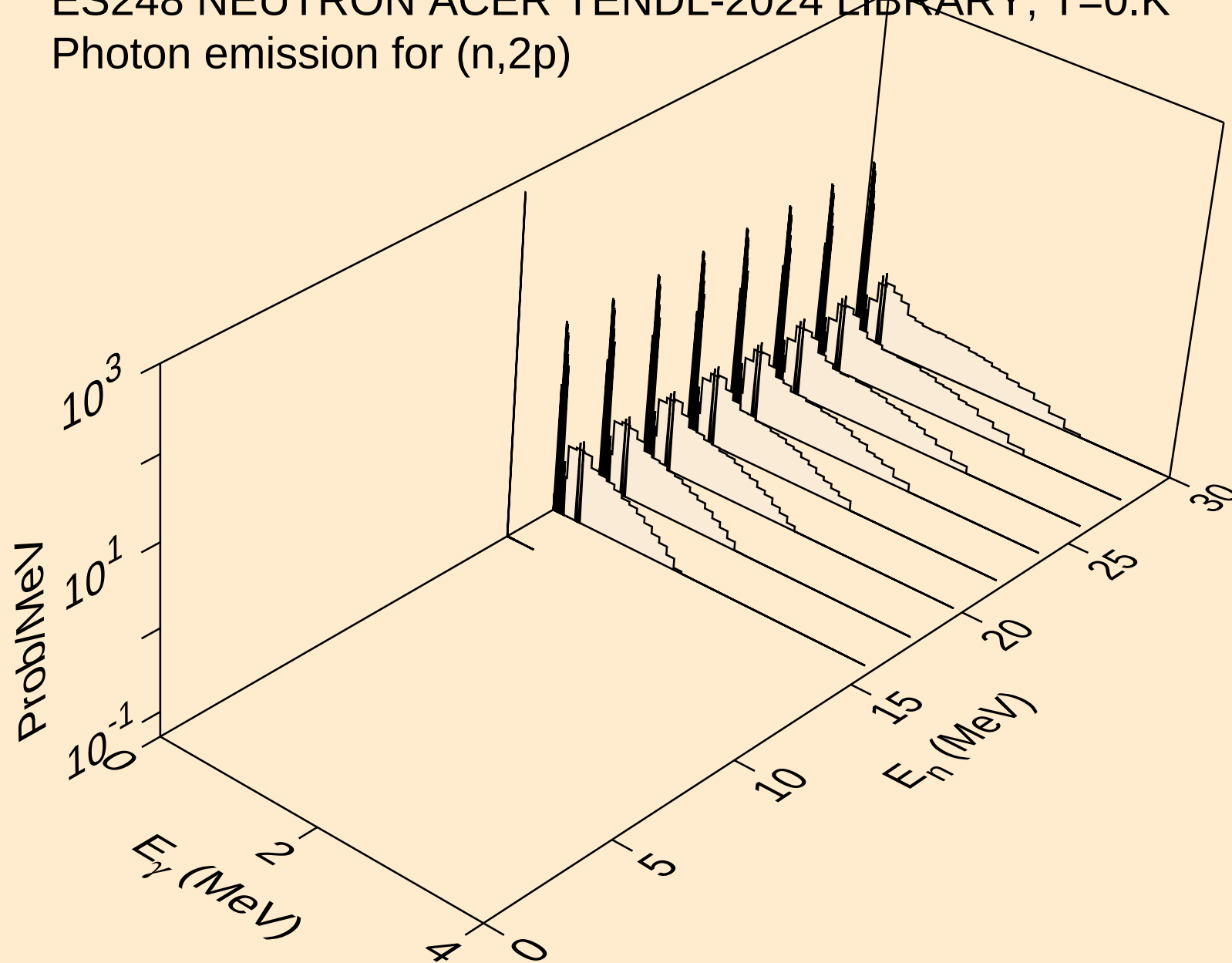
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



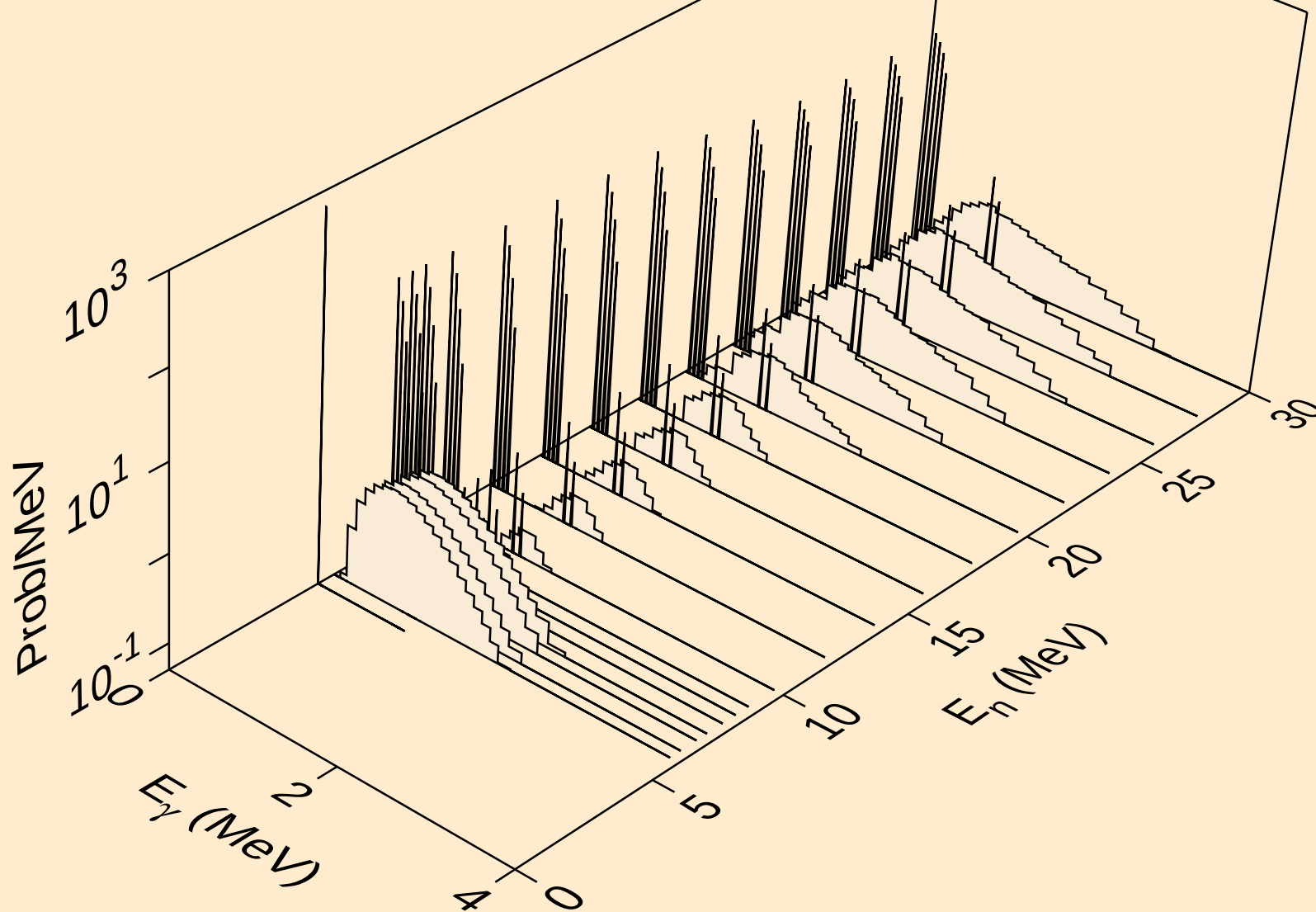
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



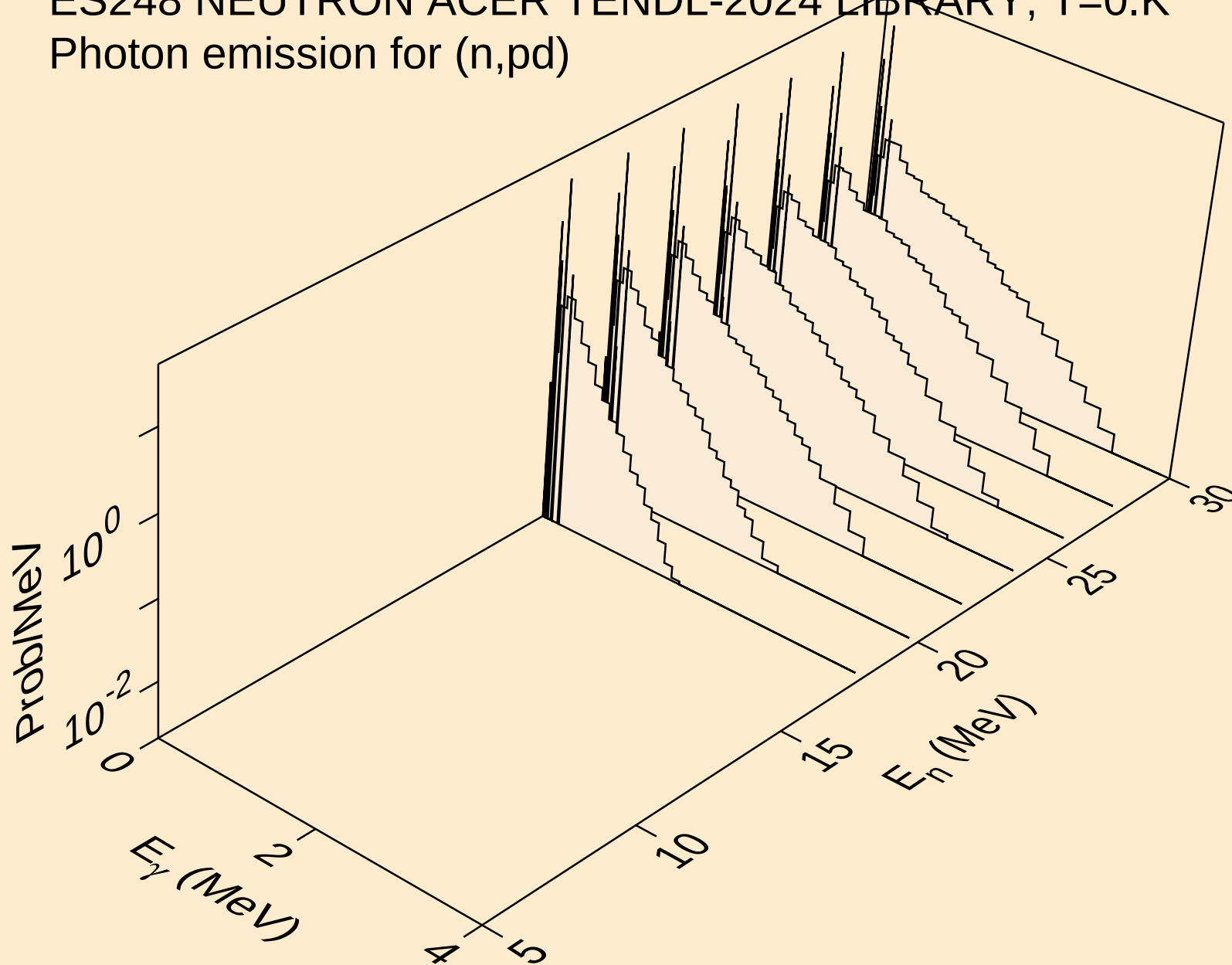
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



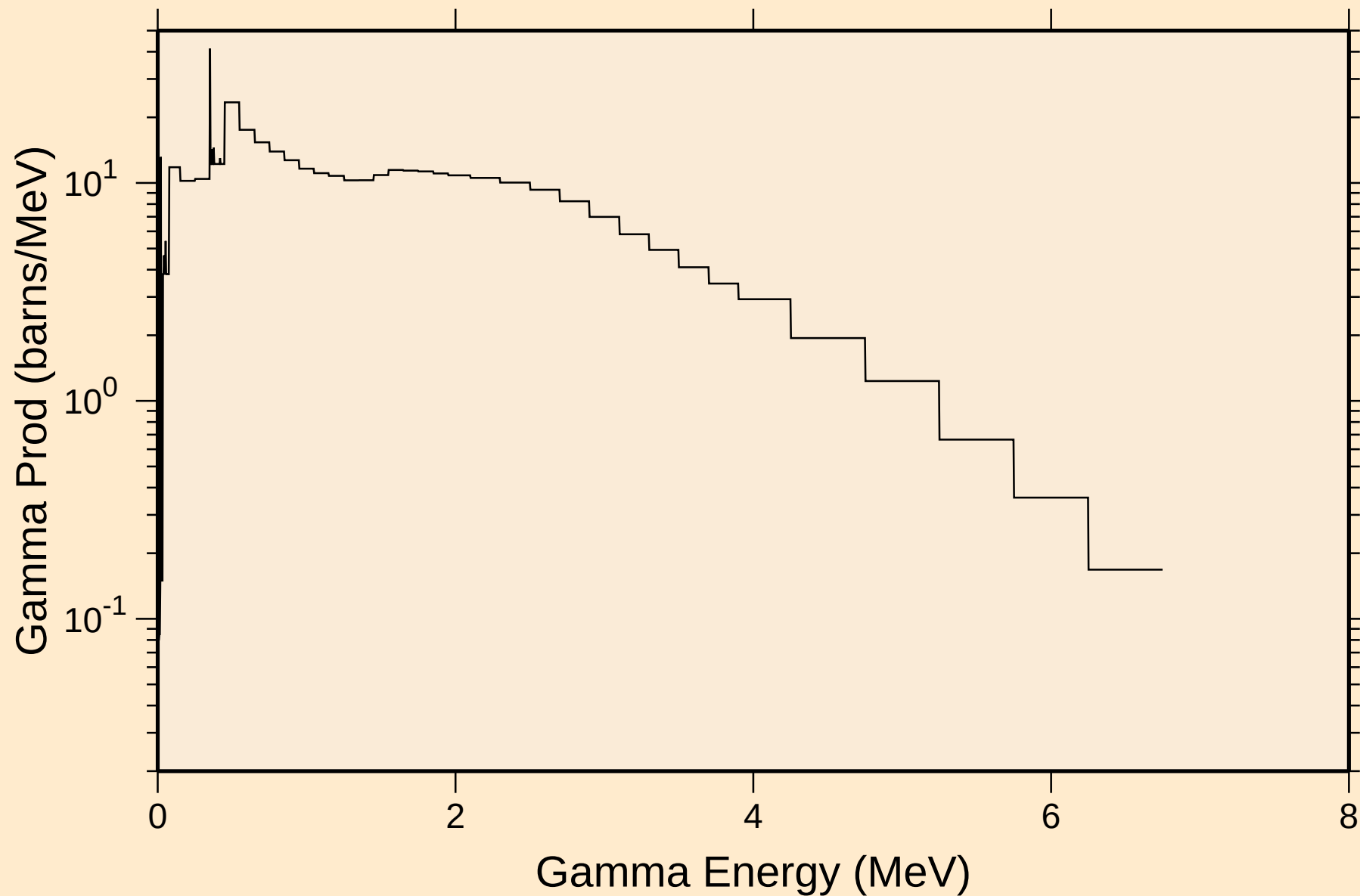
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p α)



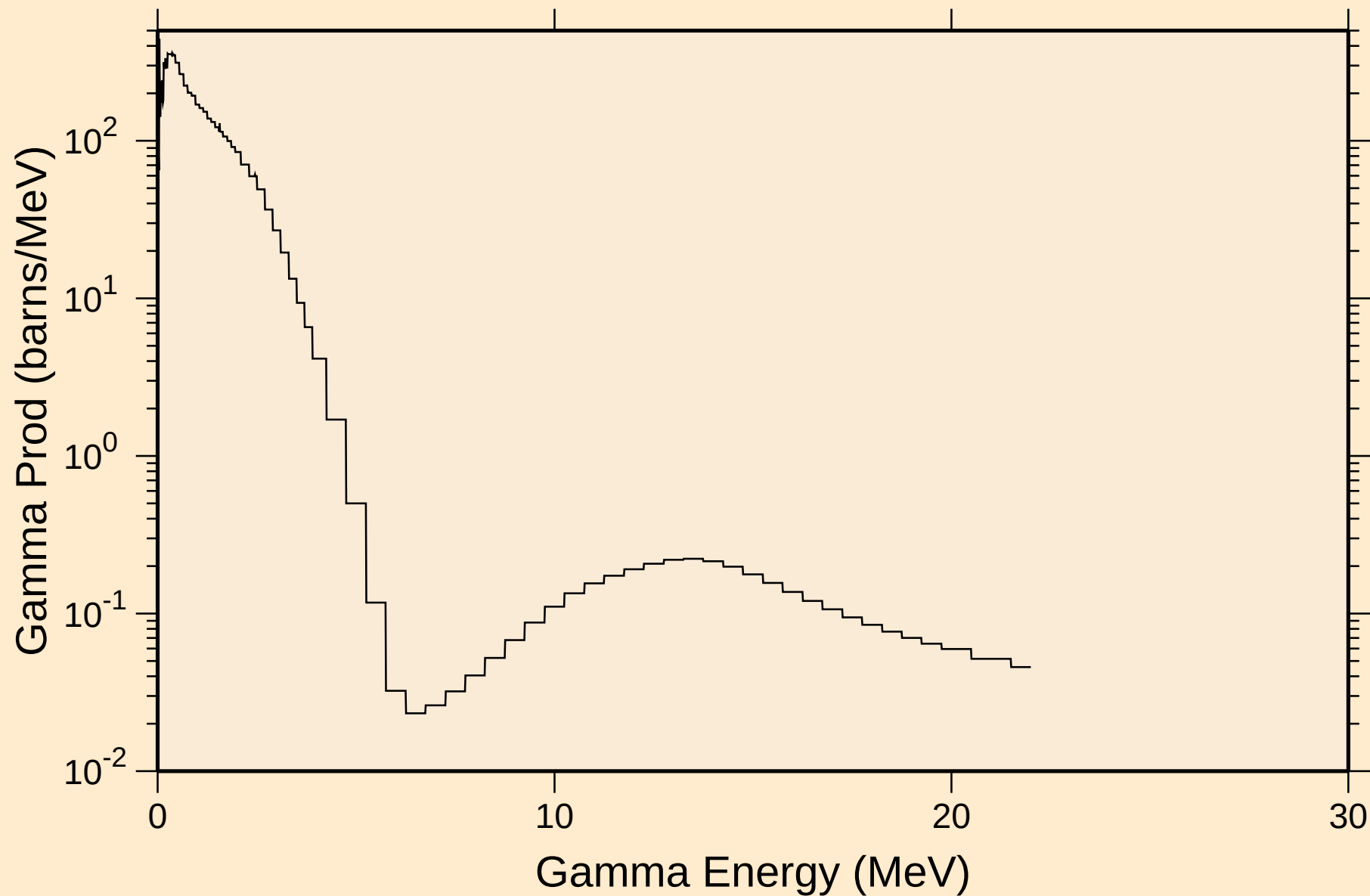
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

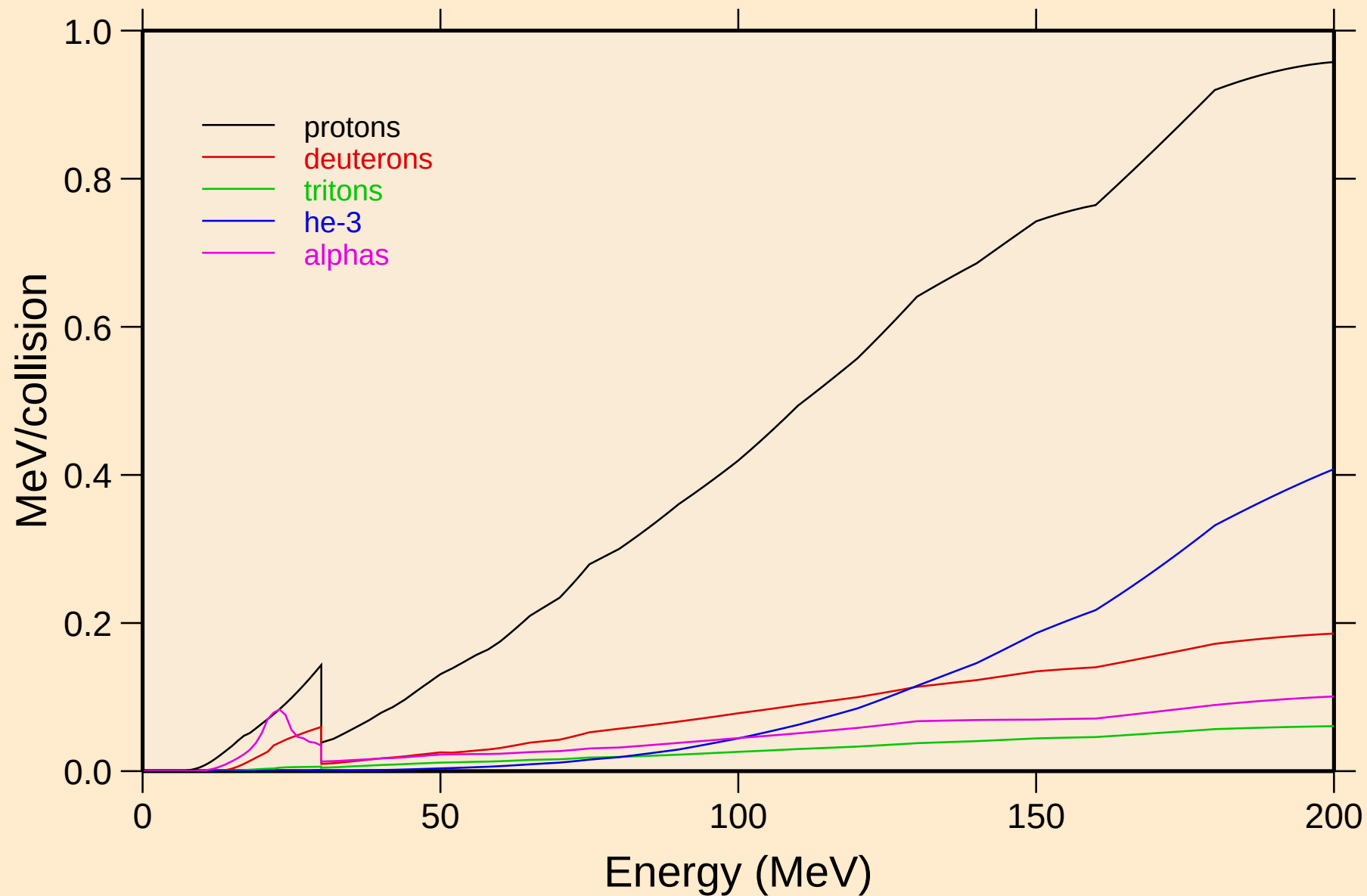


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum



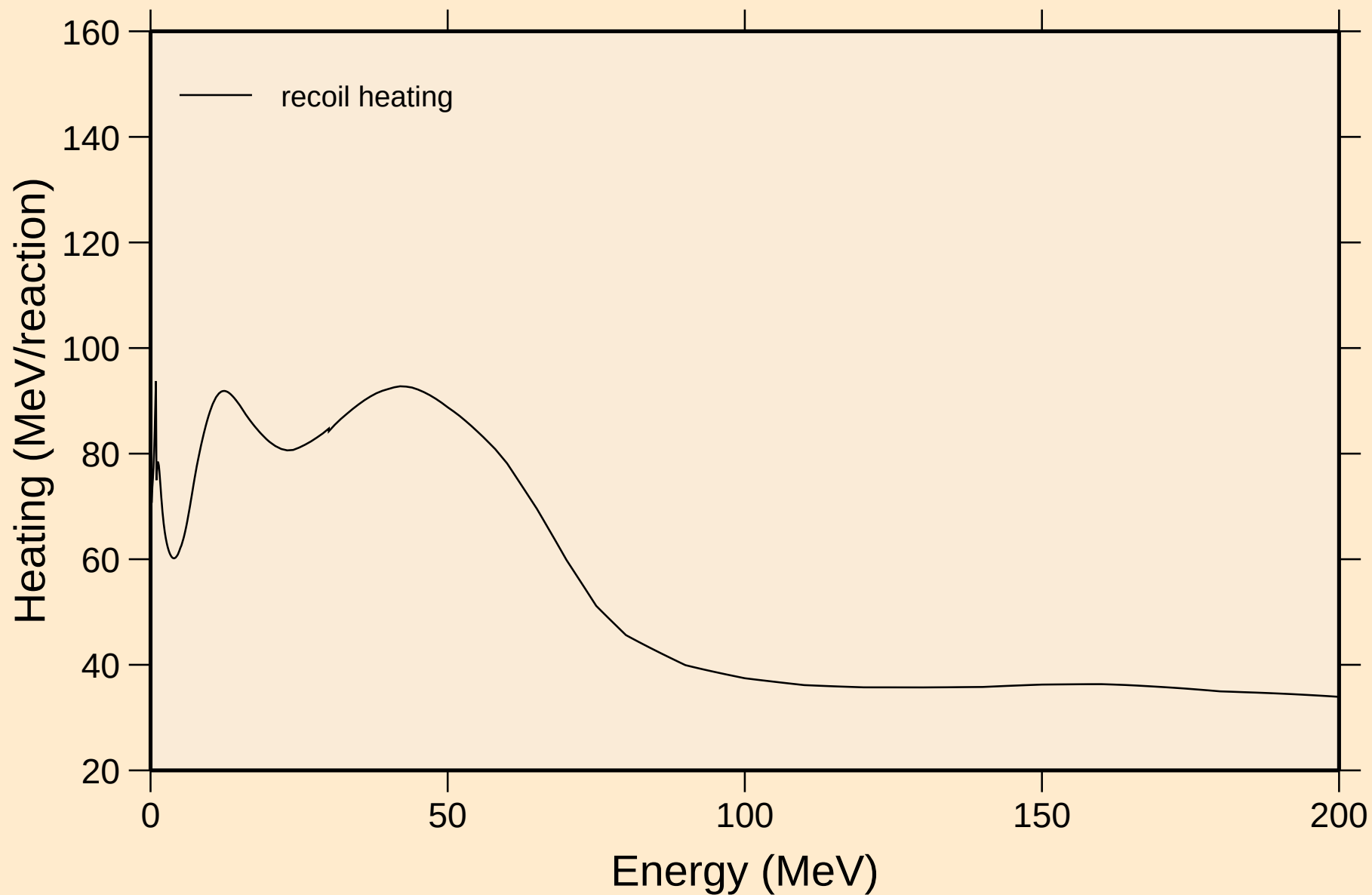
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



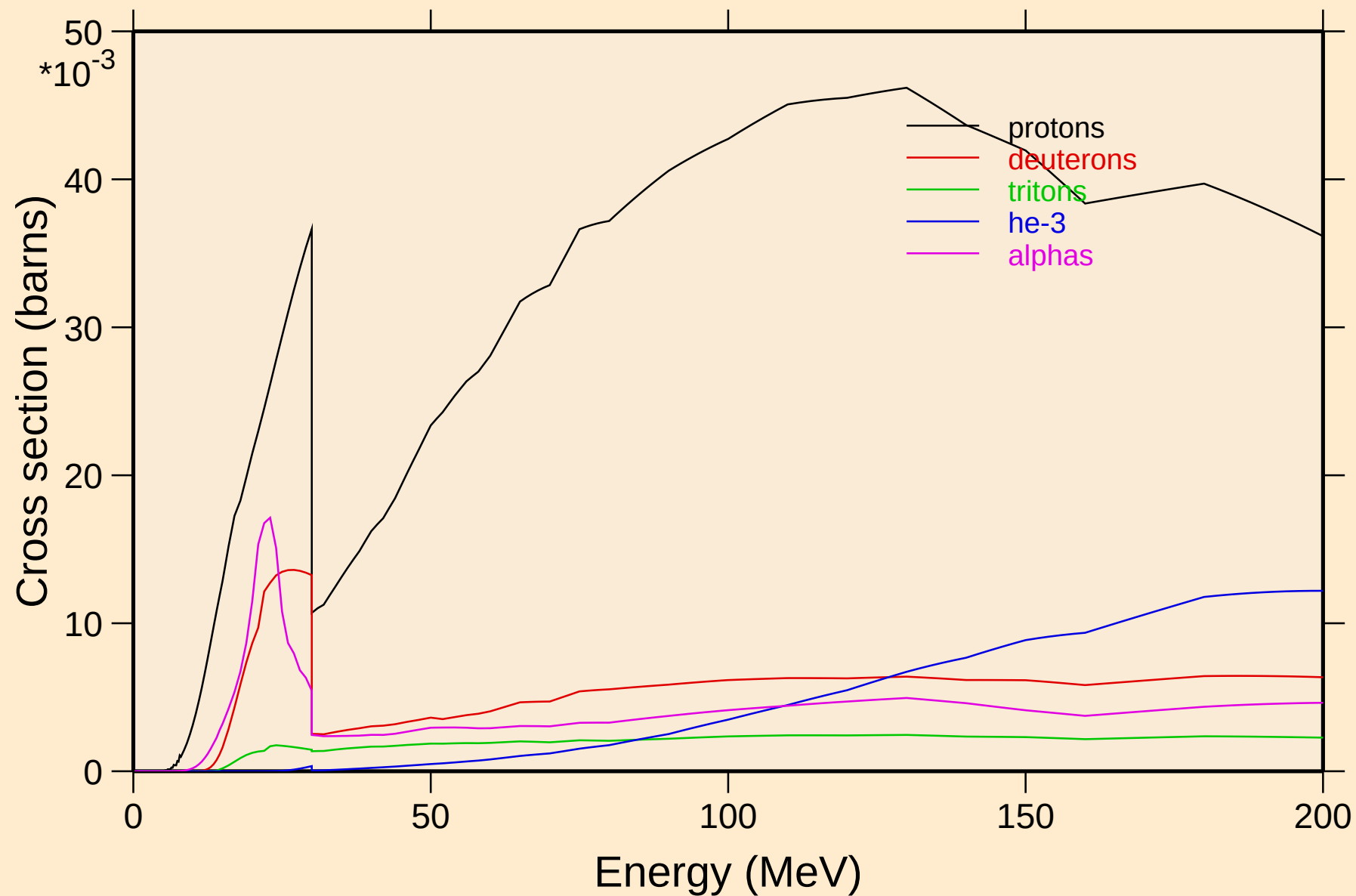
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

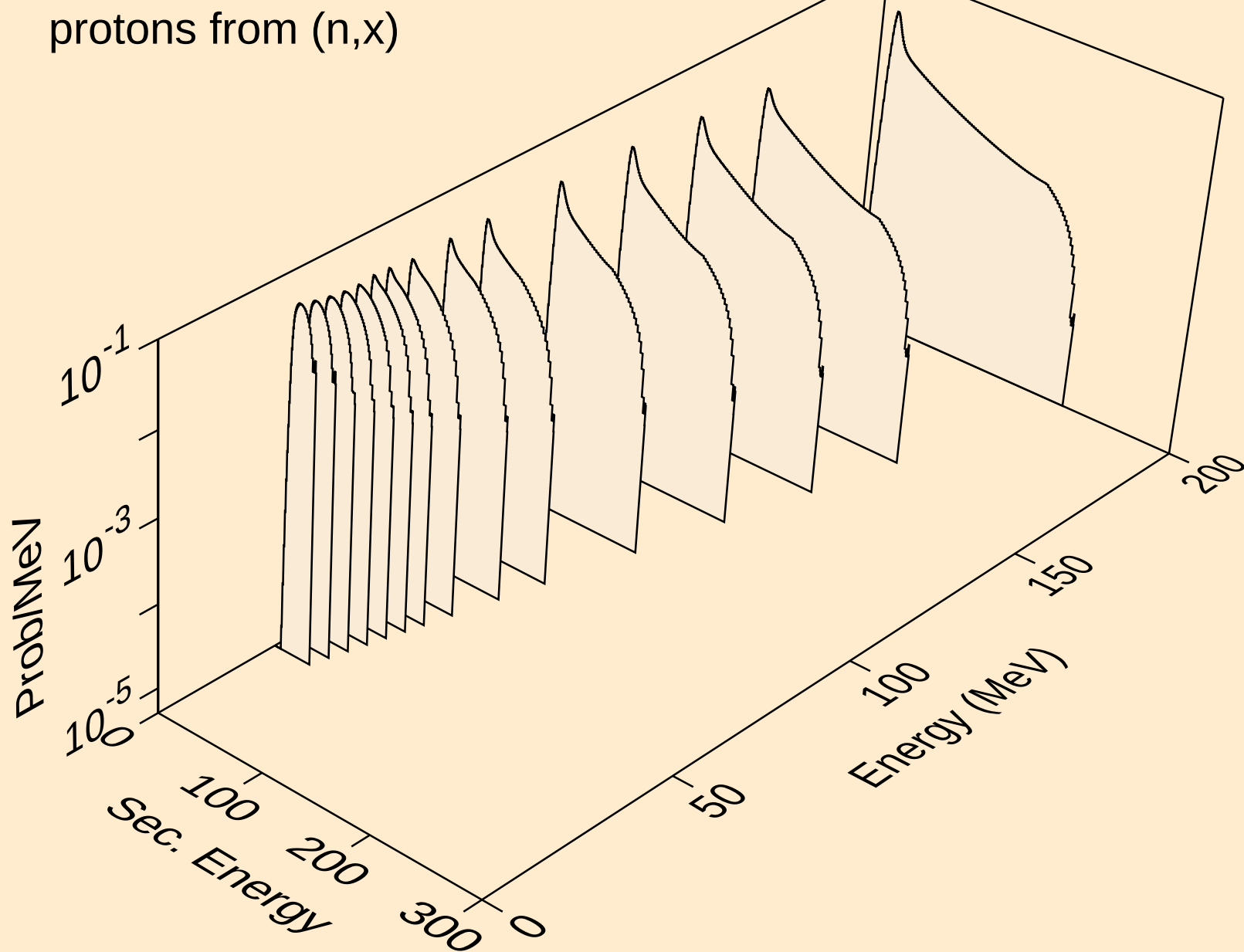


ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

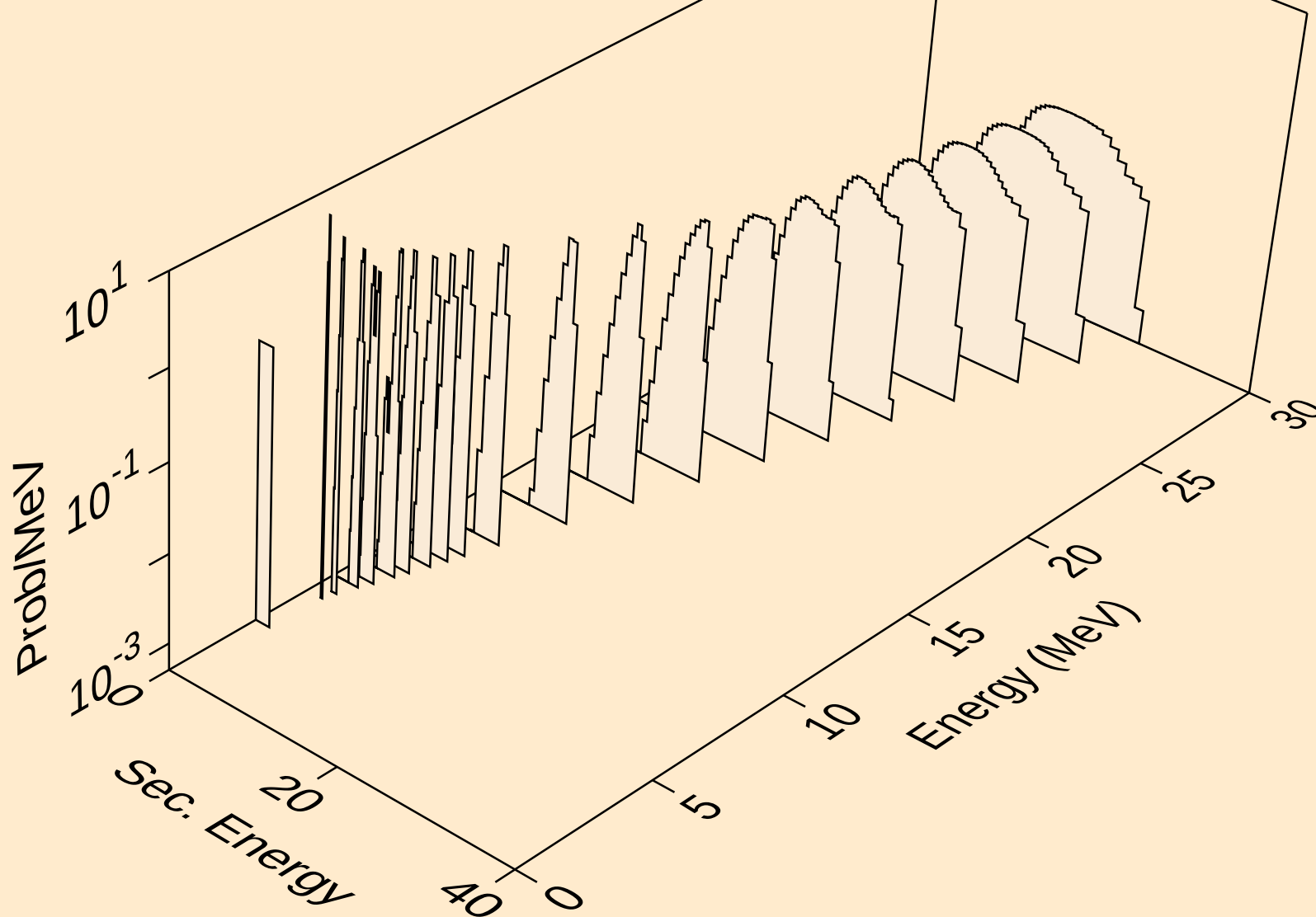
Particle production cross sections



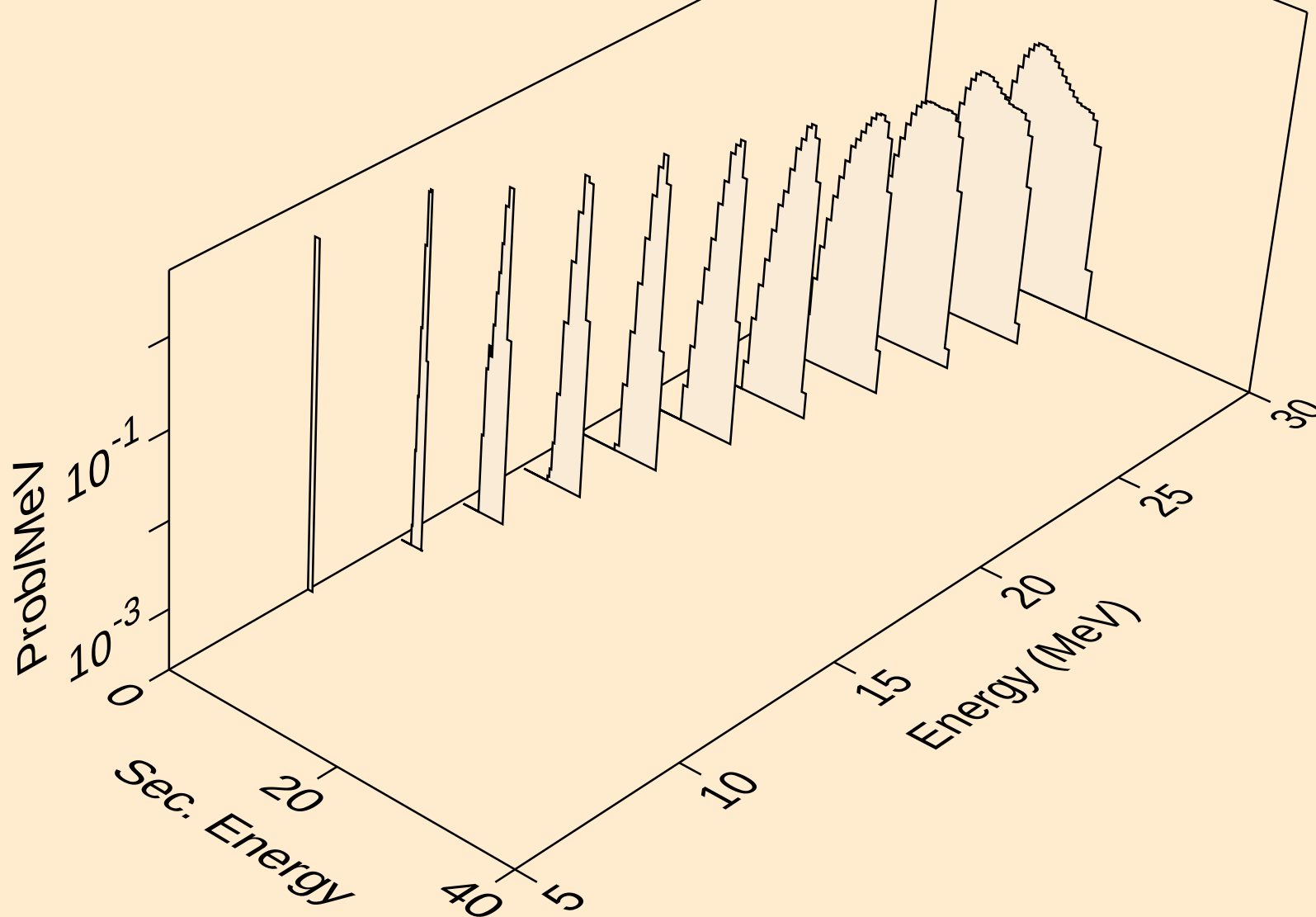
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



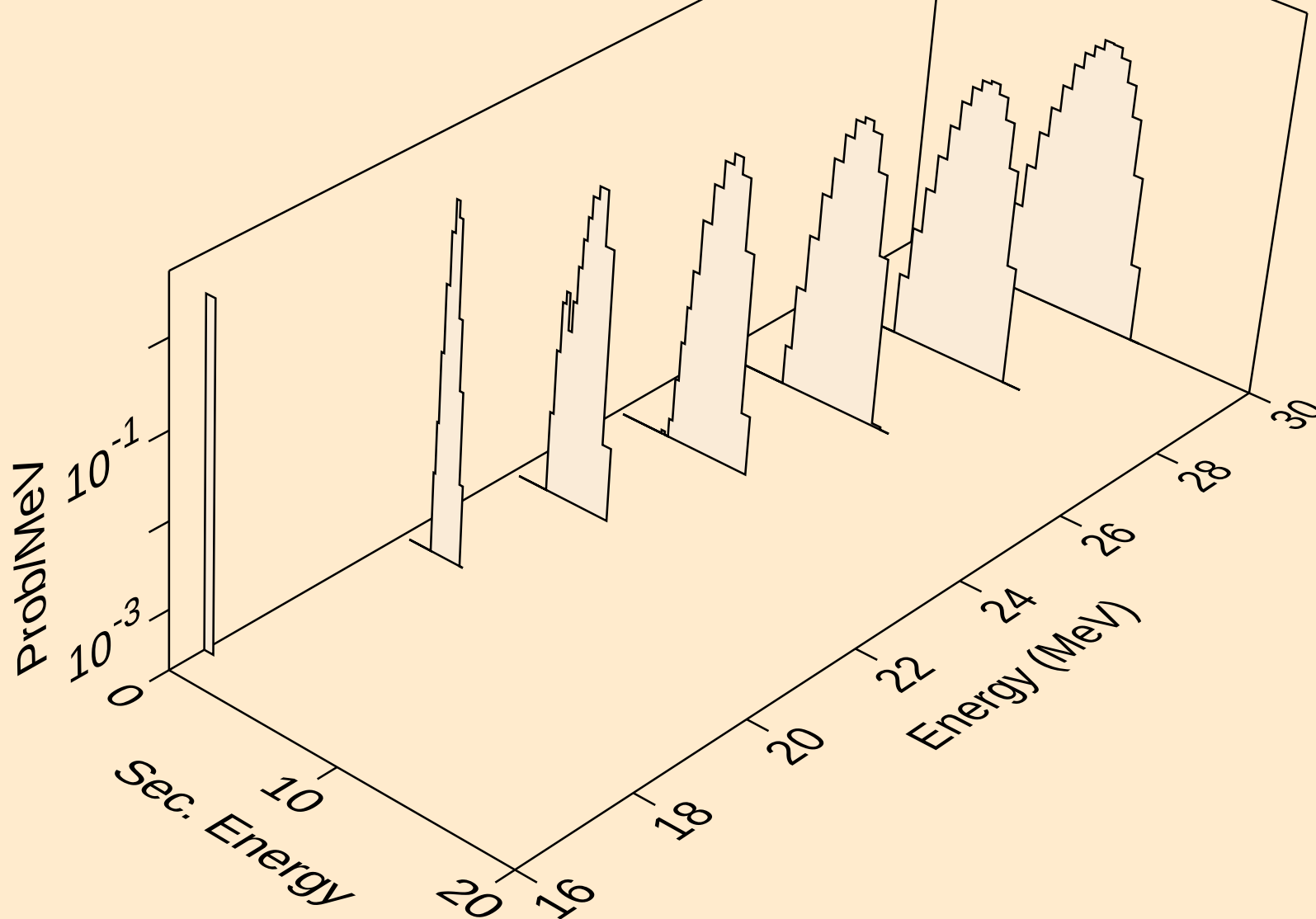
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



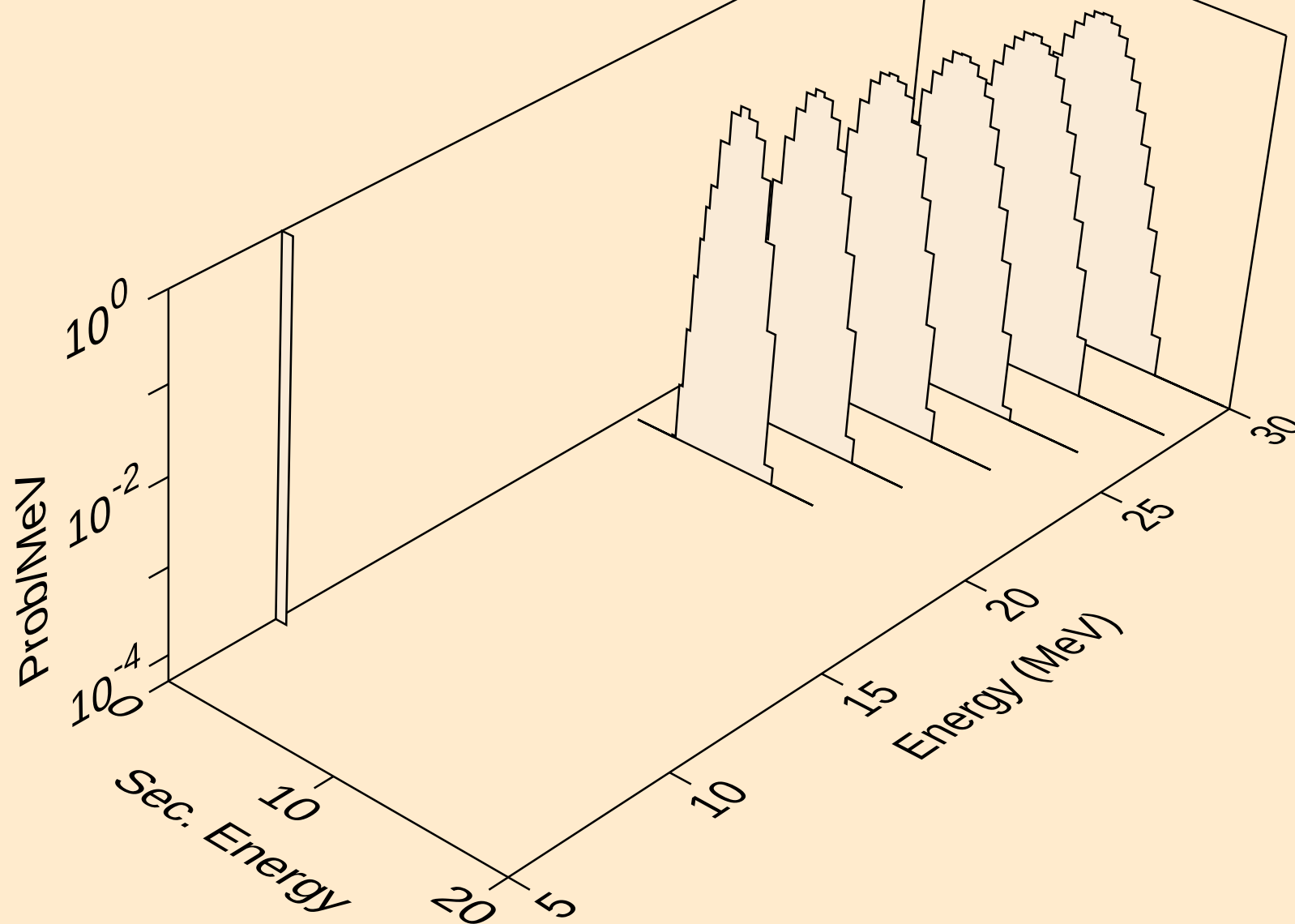
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



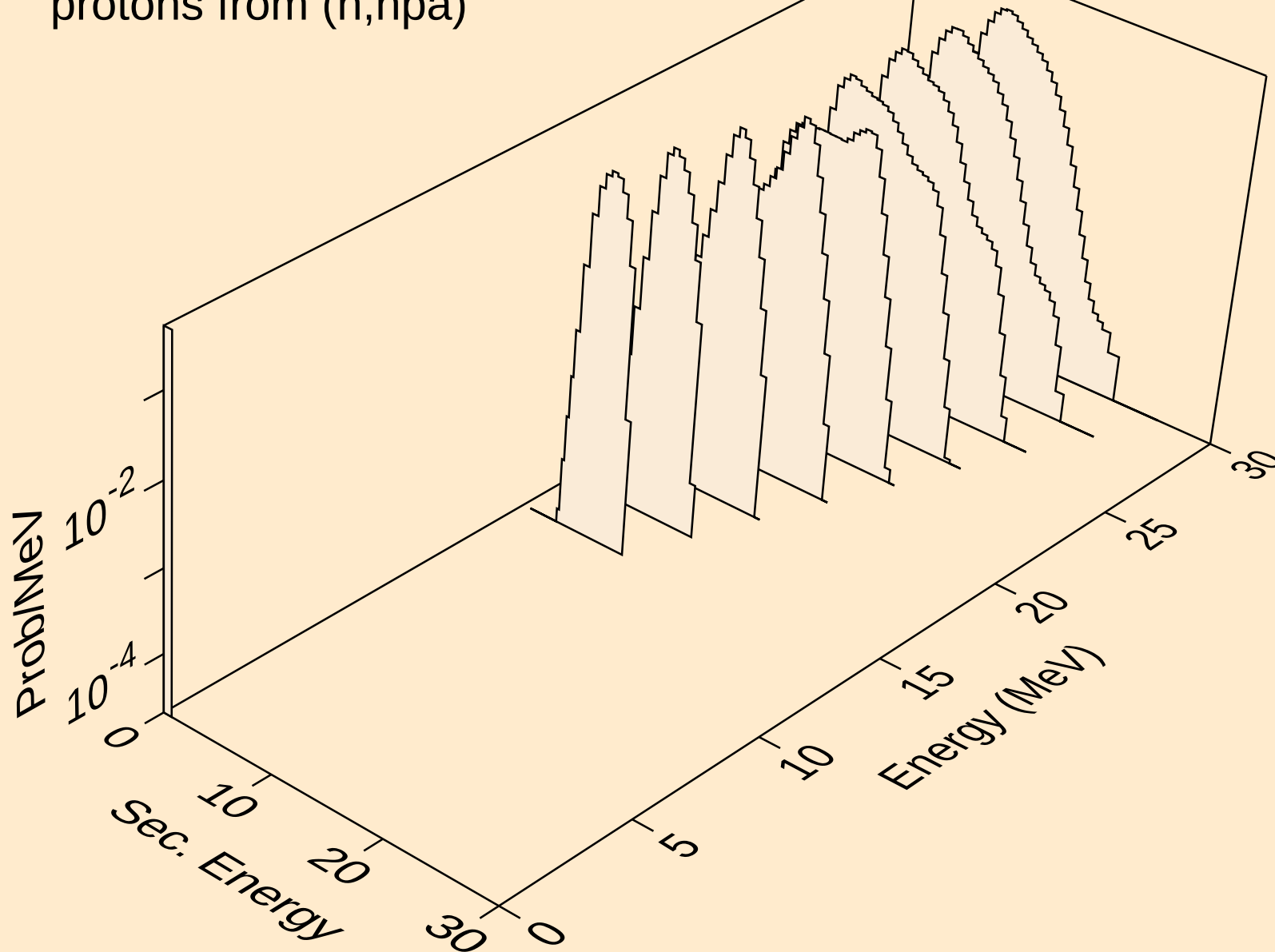
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,3np)



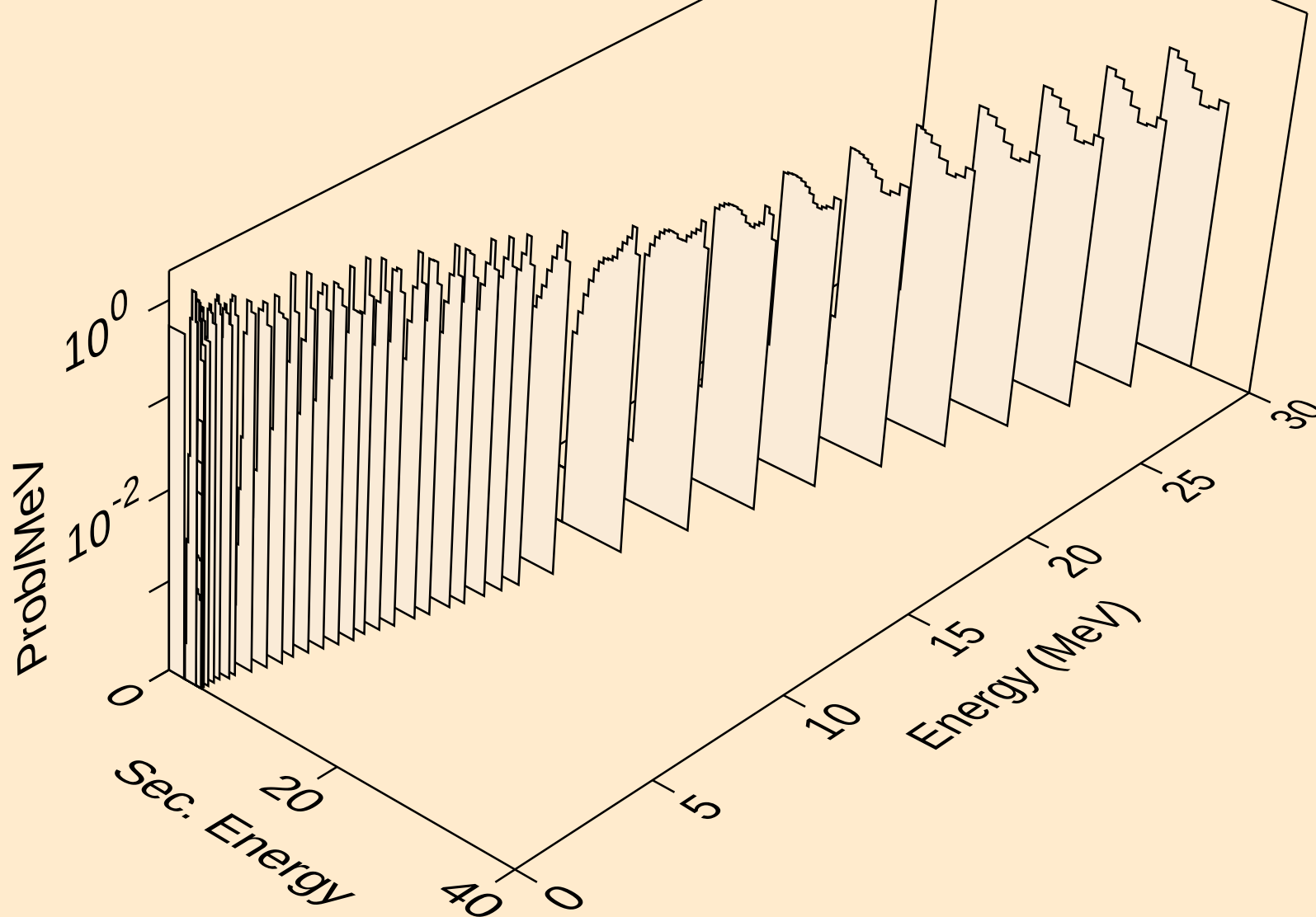
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n2p)



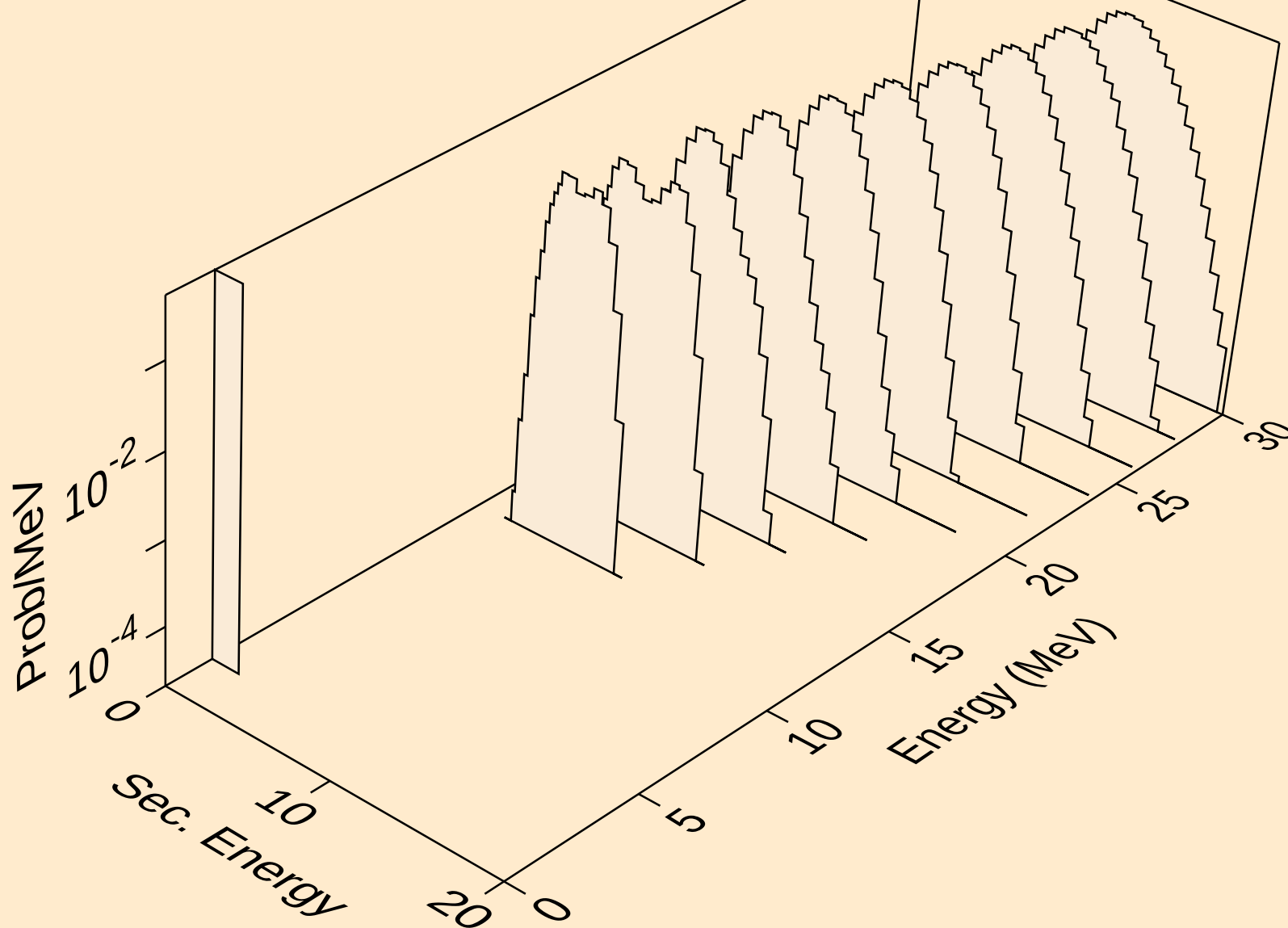
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,npa)



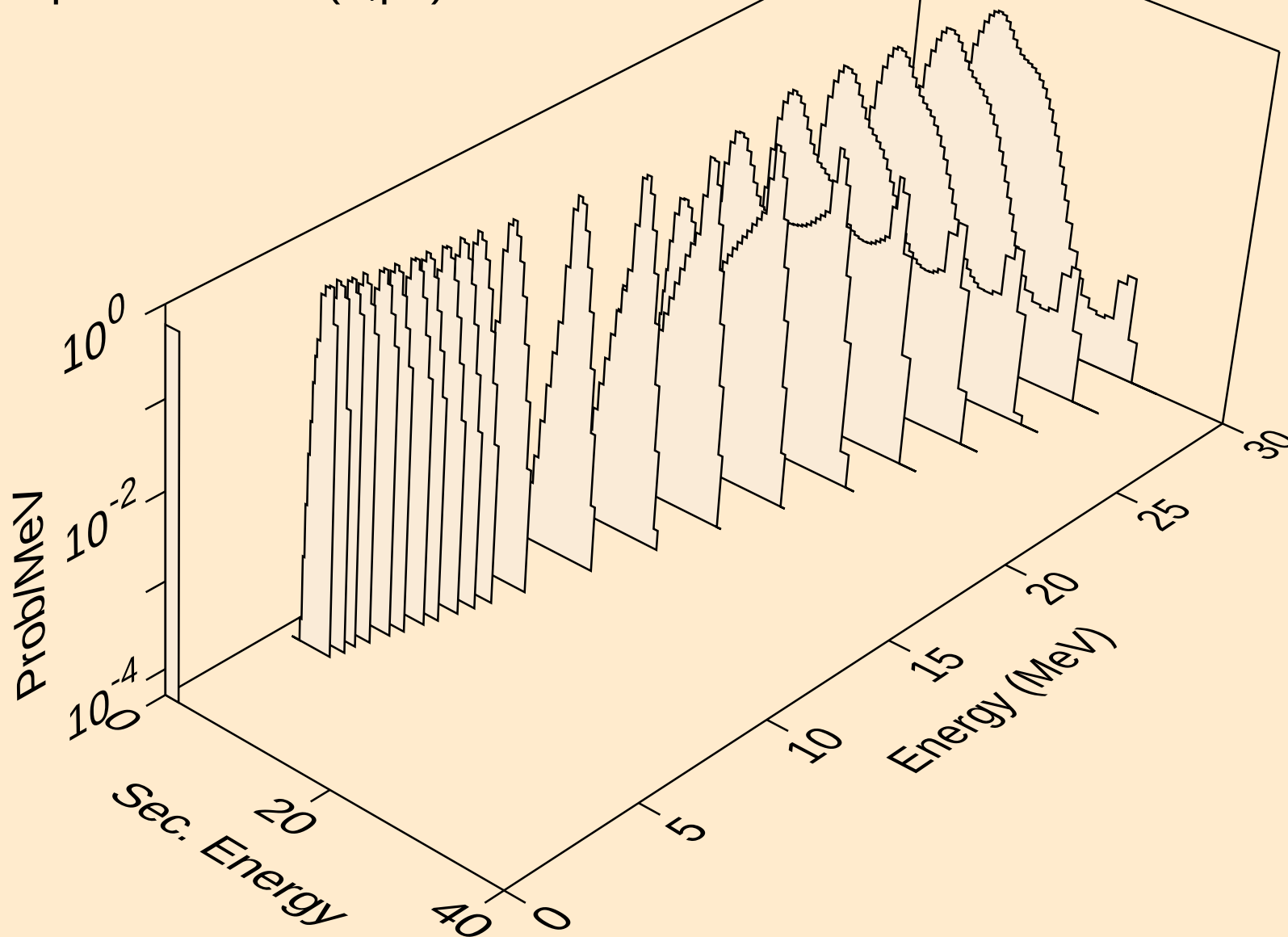
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



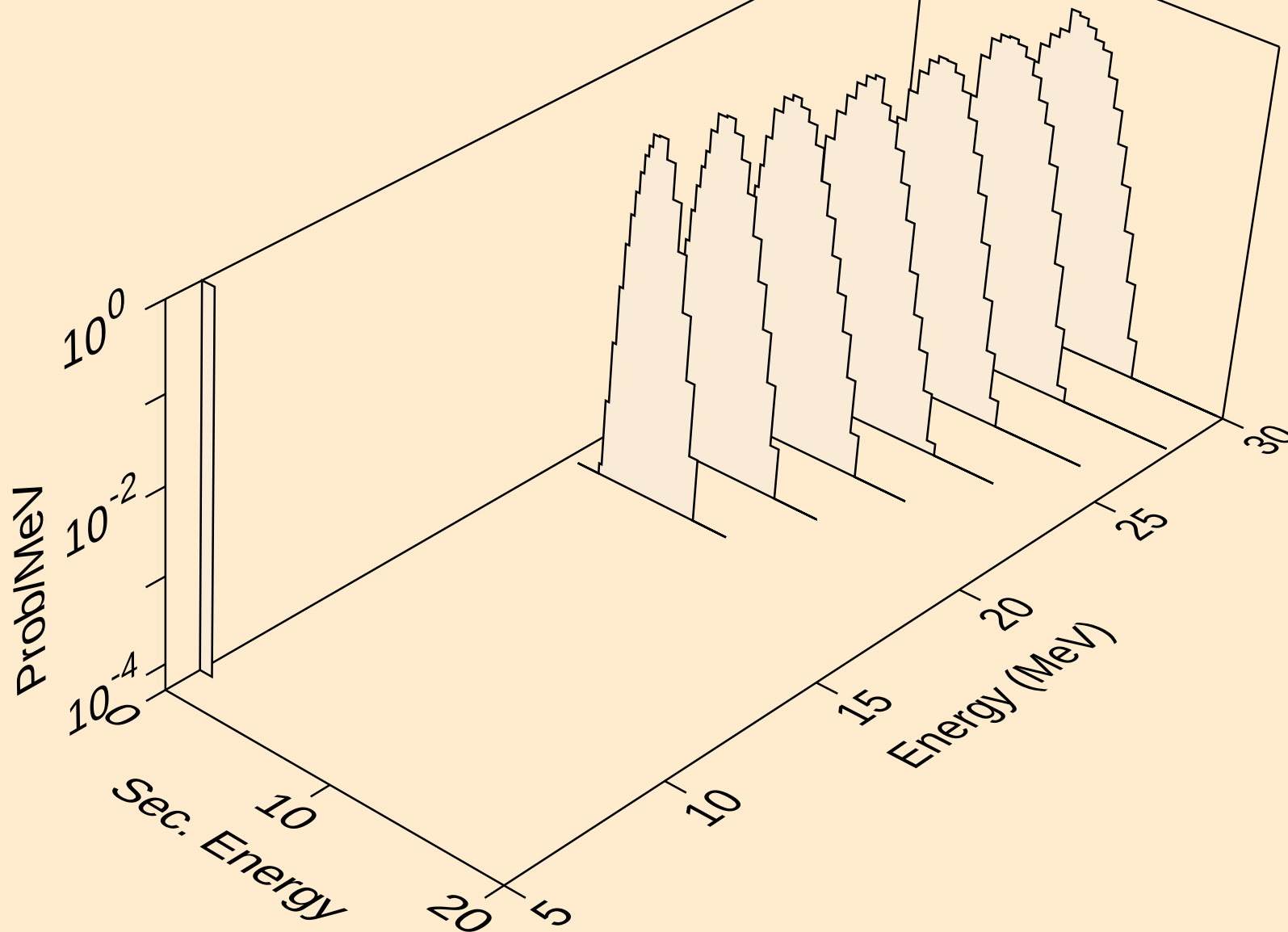
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2p)



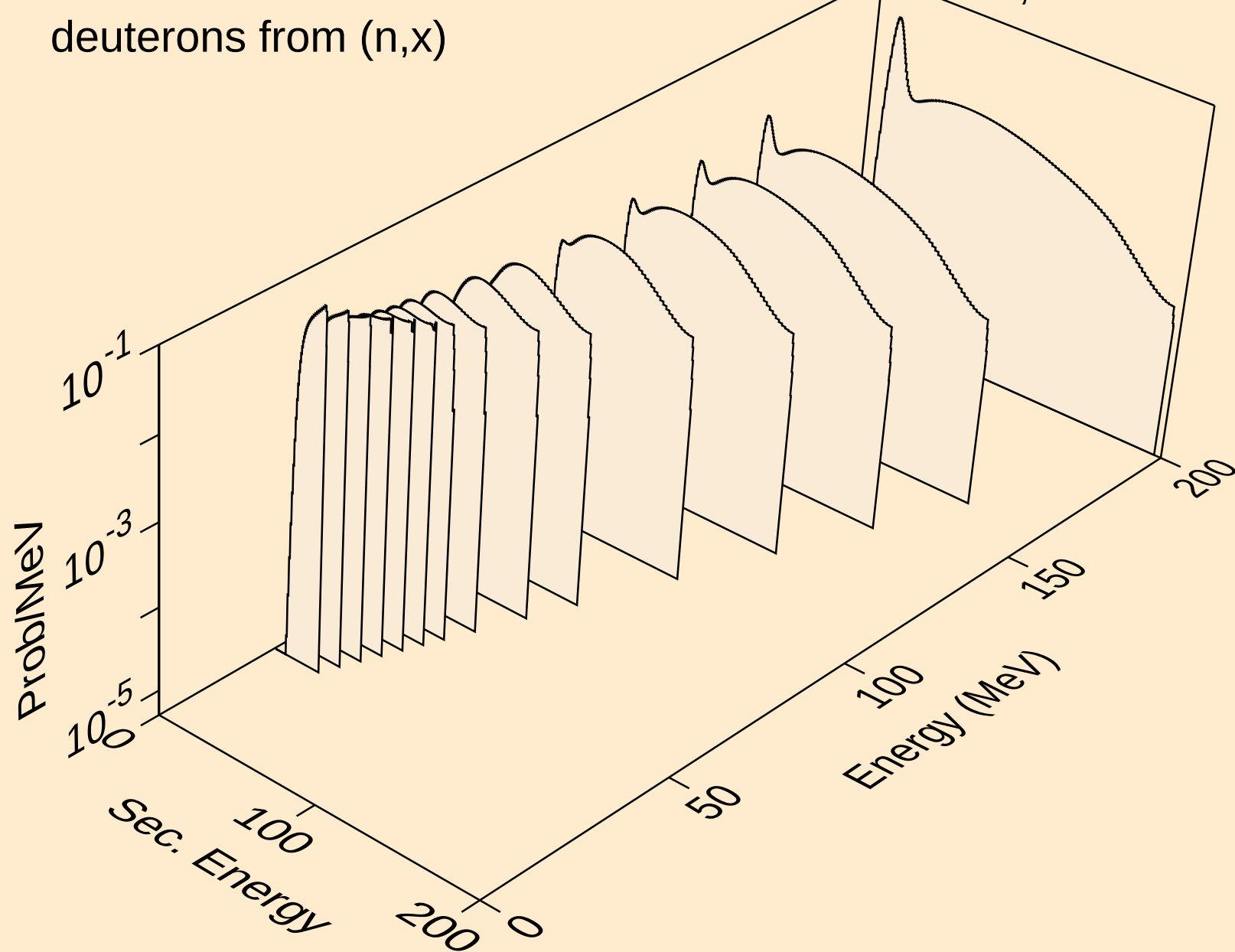
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



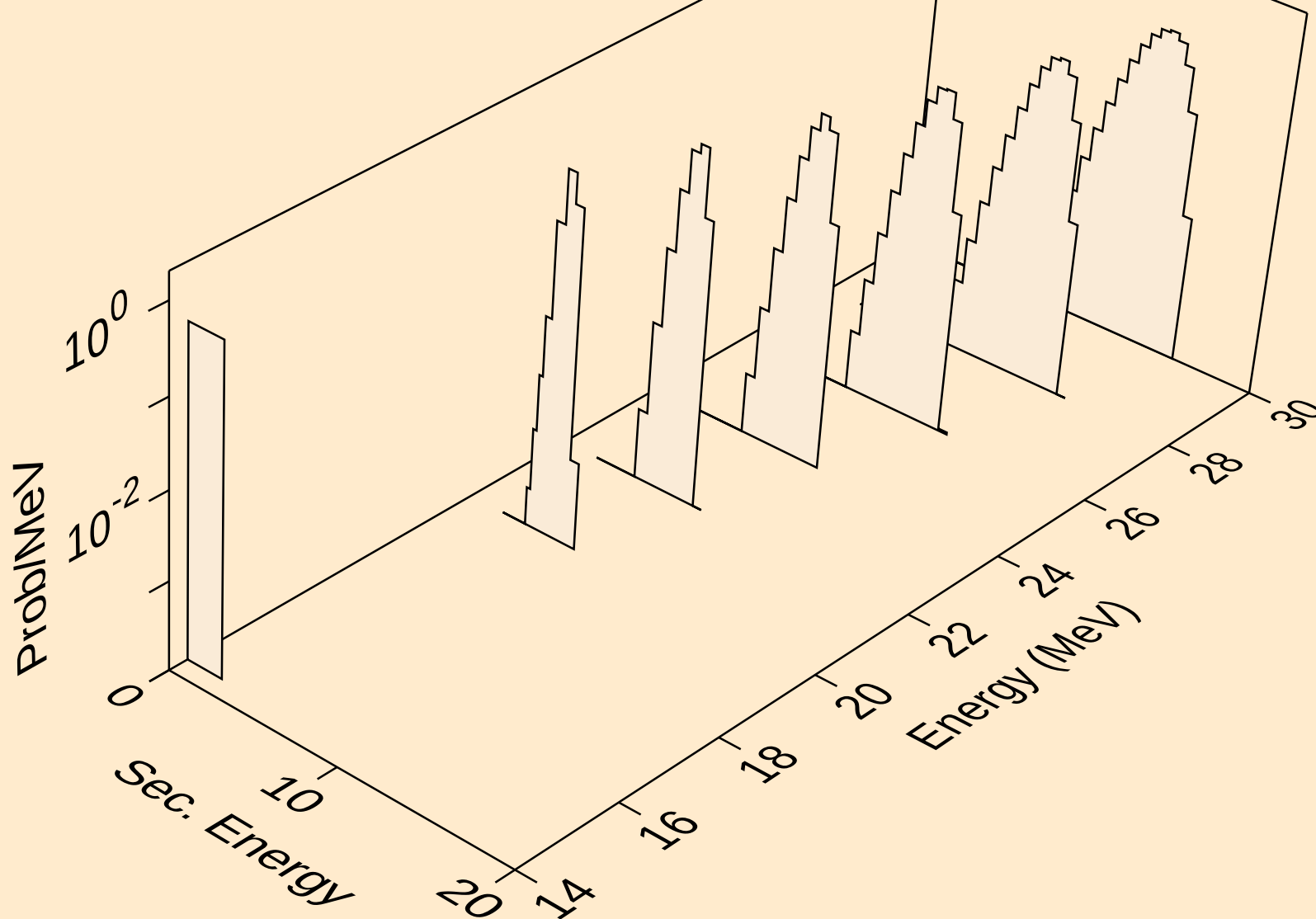
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pd)



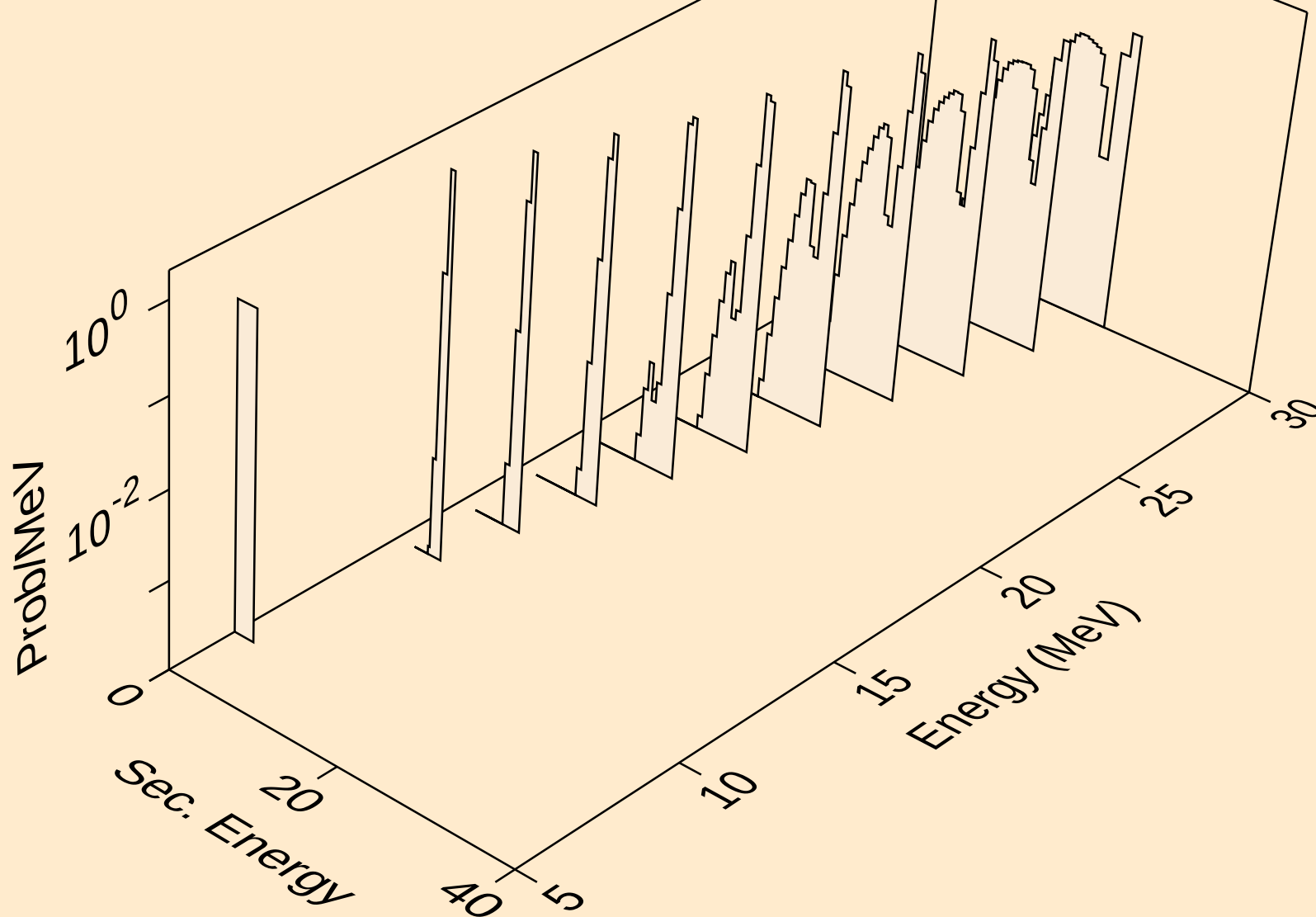
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



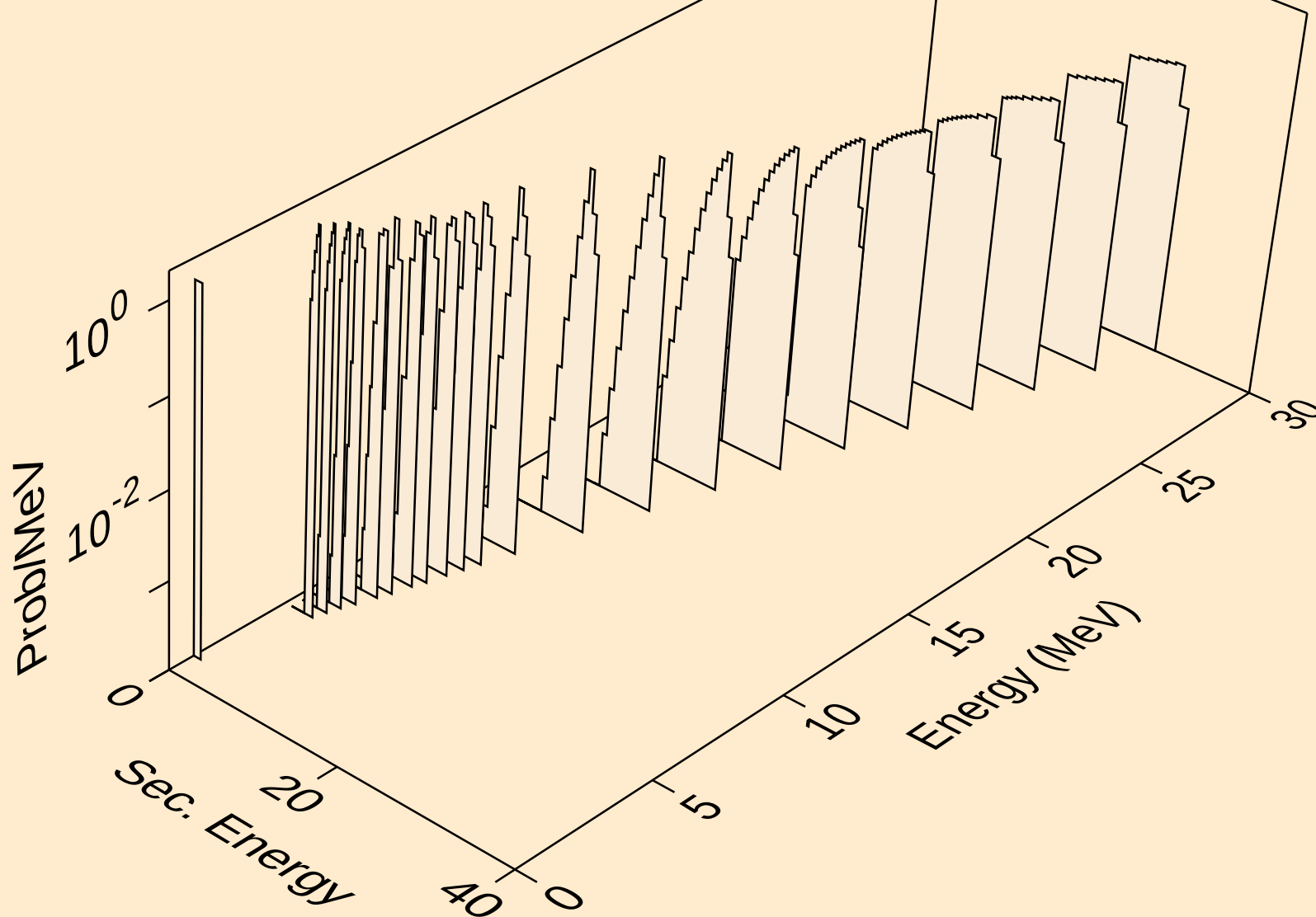
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,2nd)



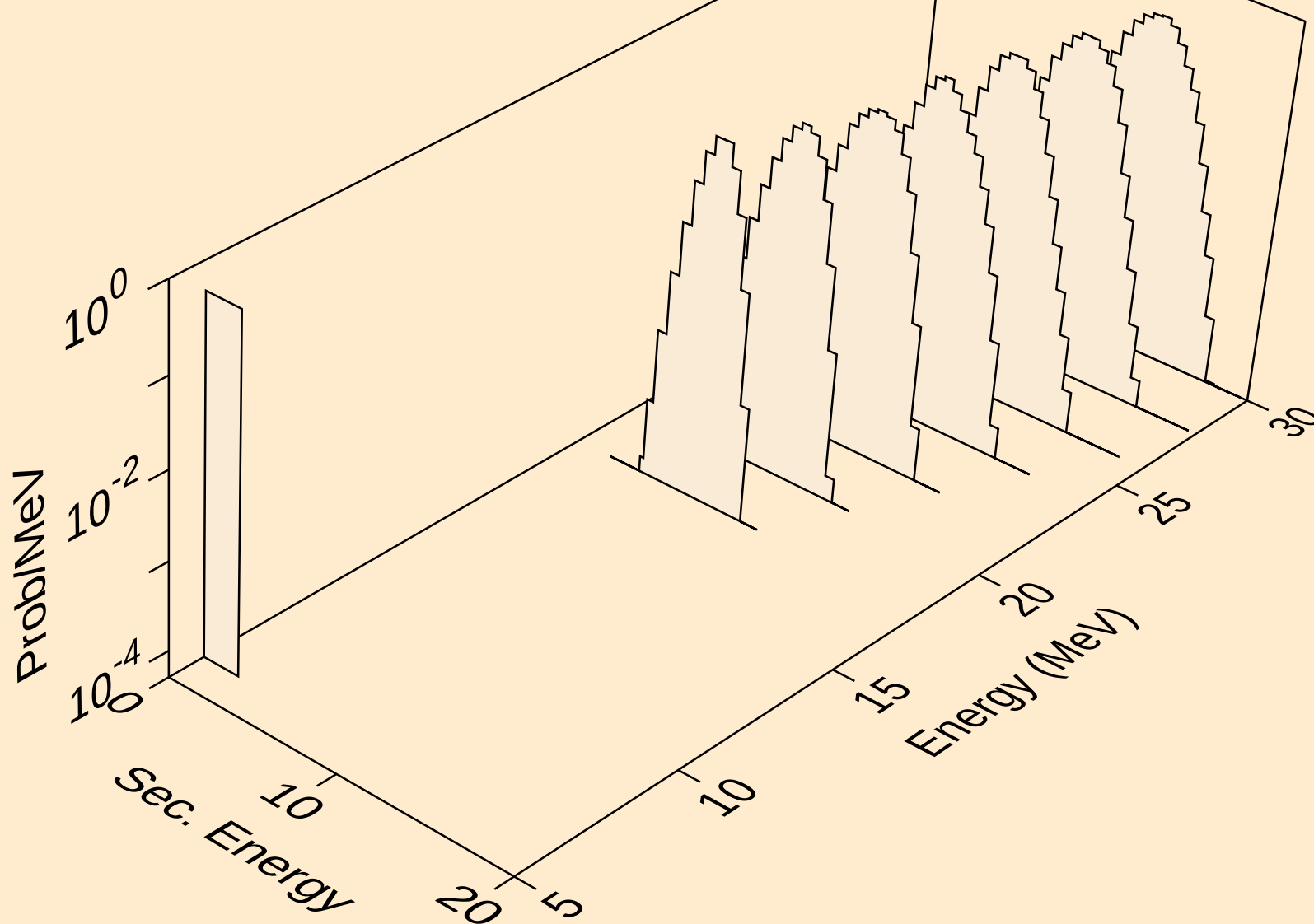
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



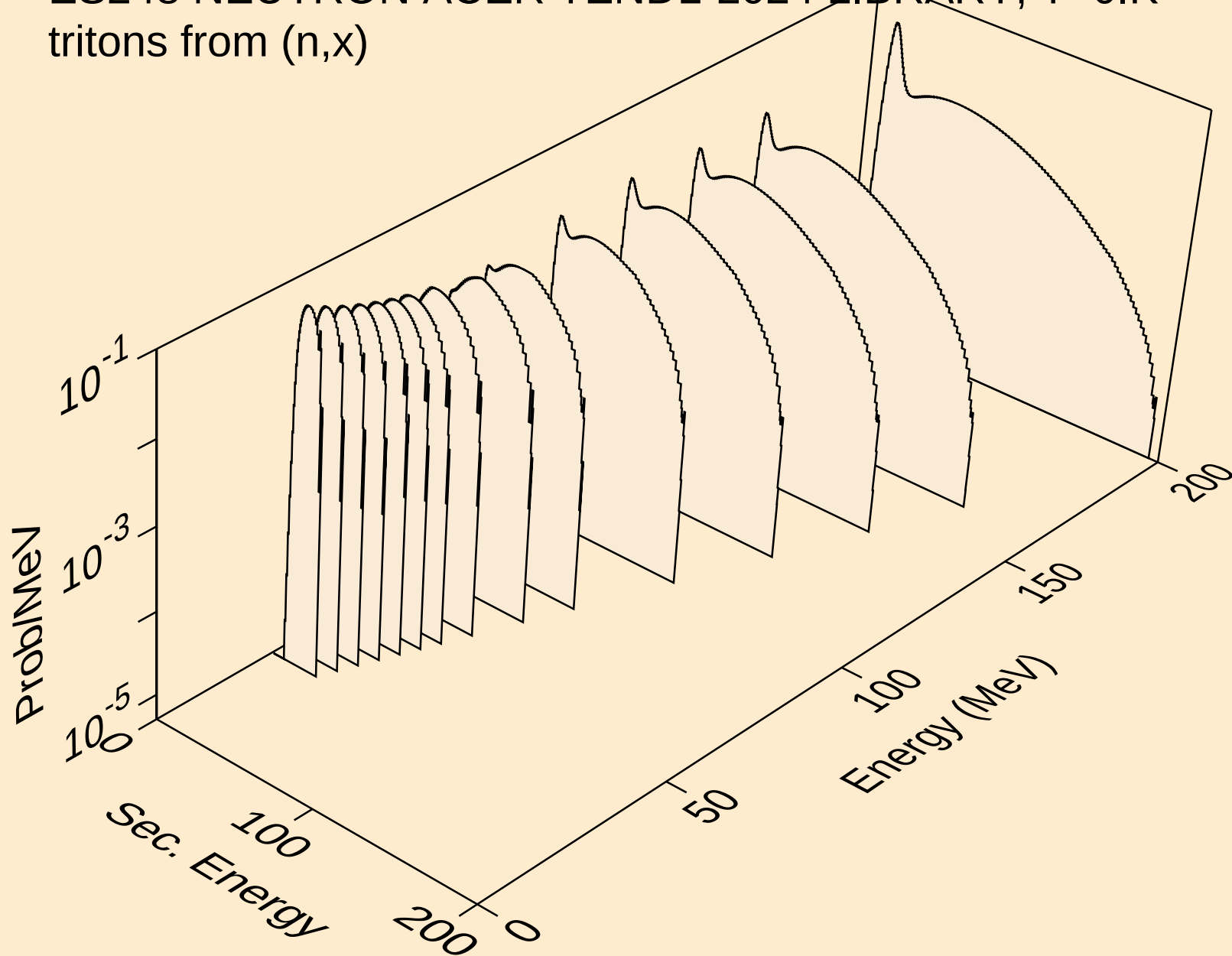
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,d)



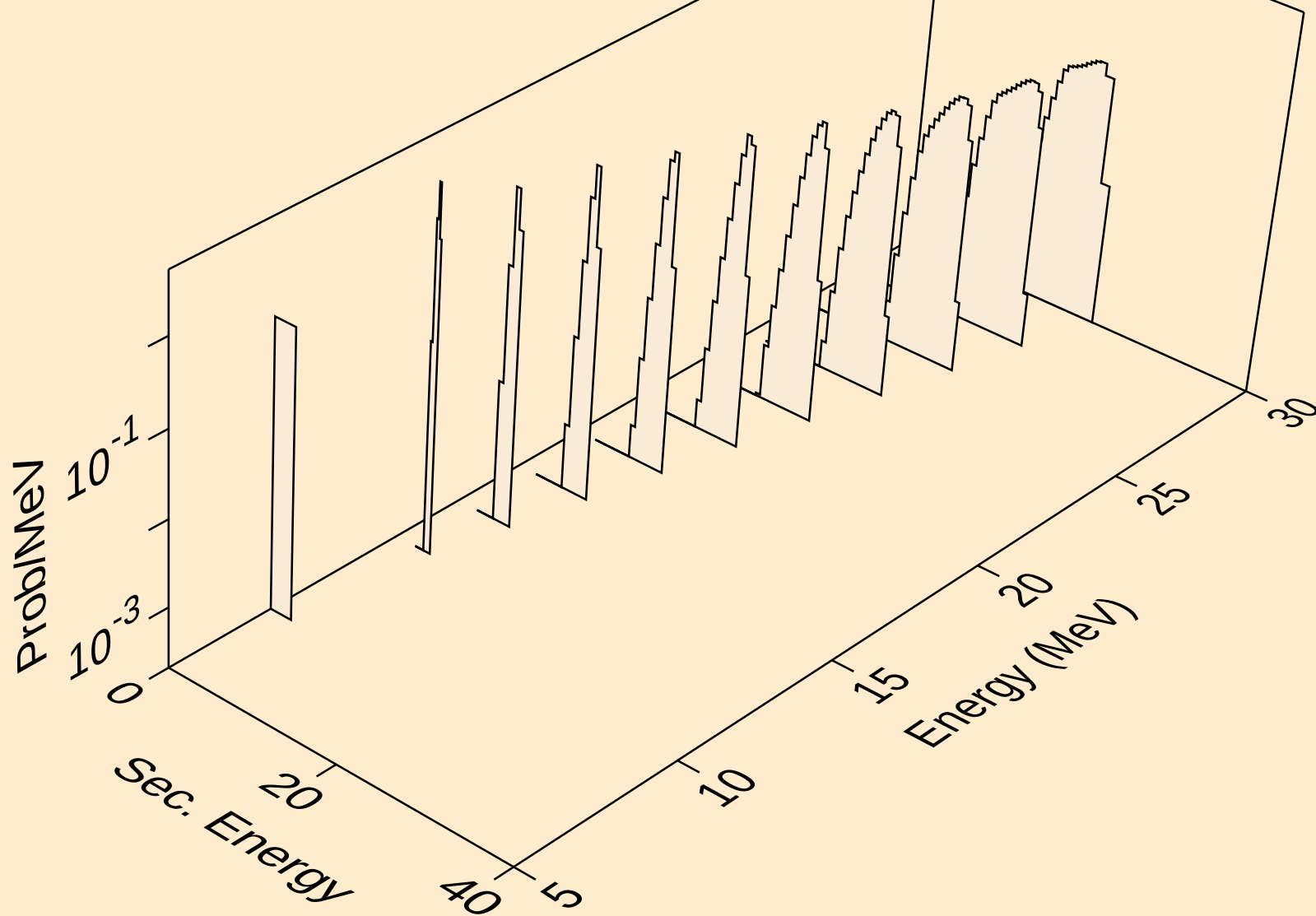
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,pd)



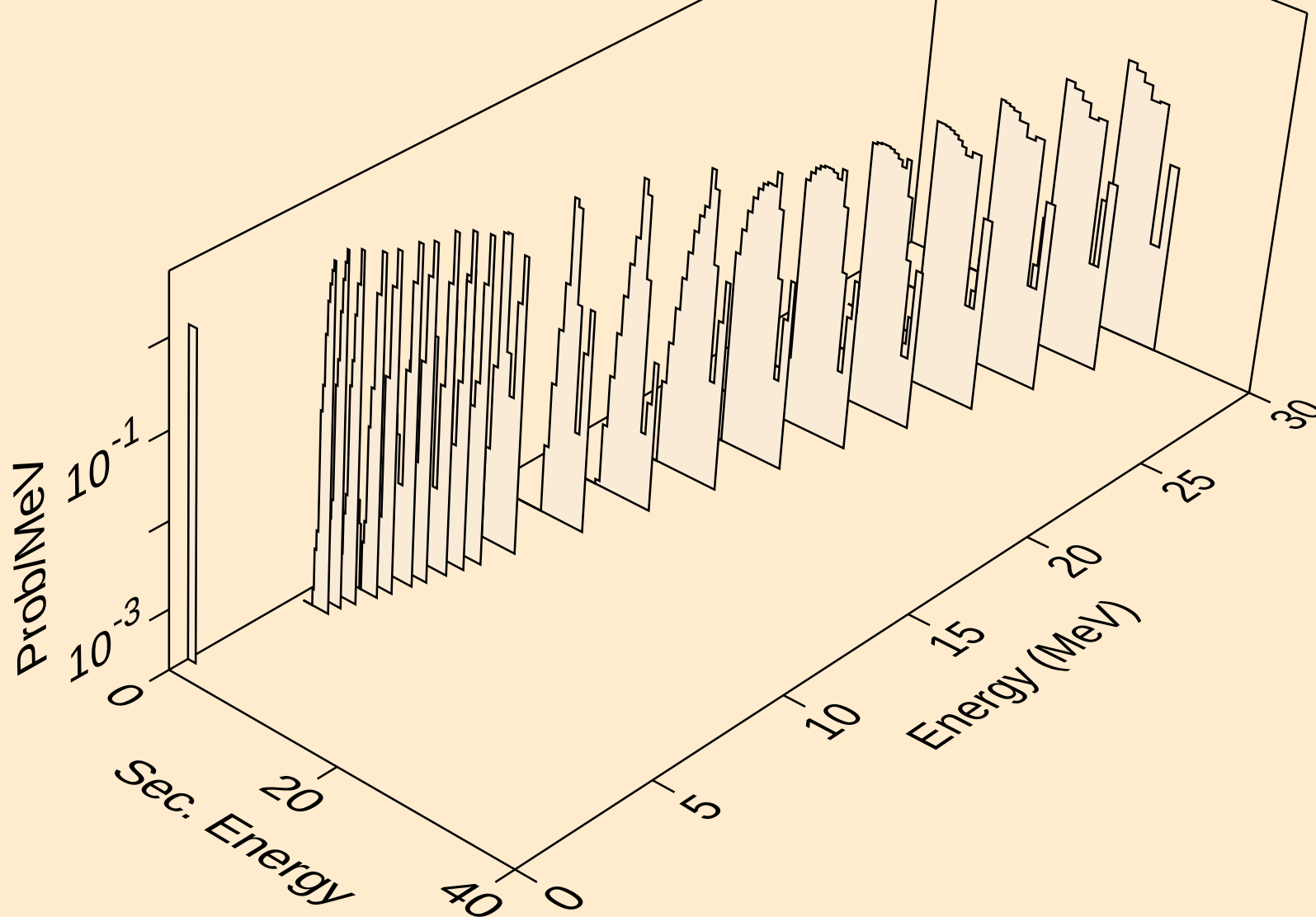
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,x)



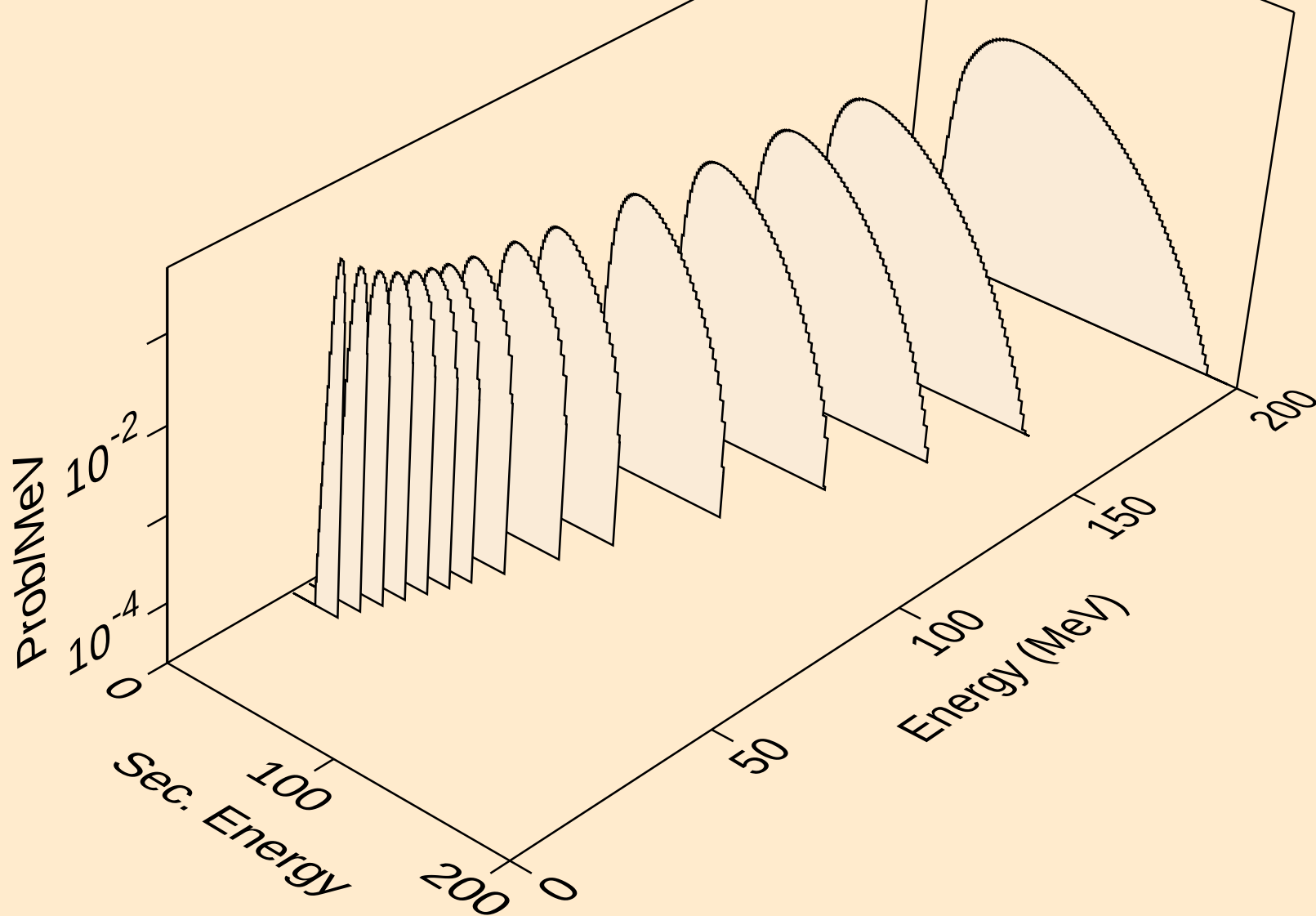
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



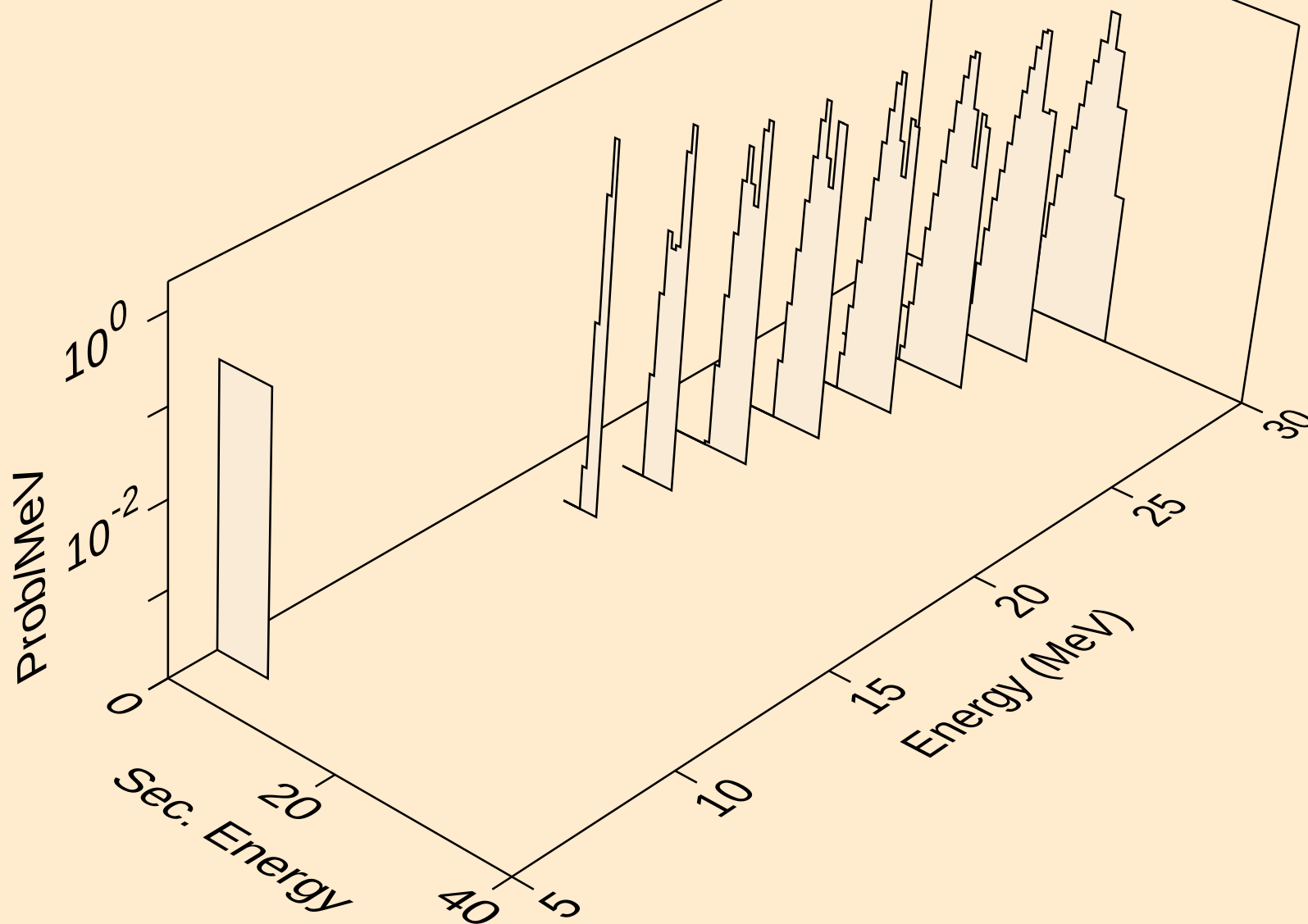
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t)



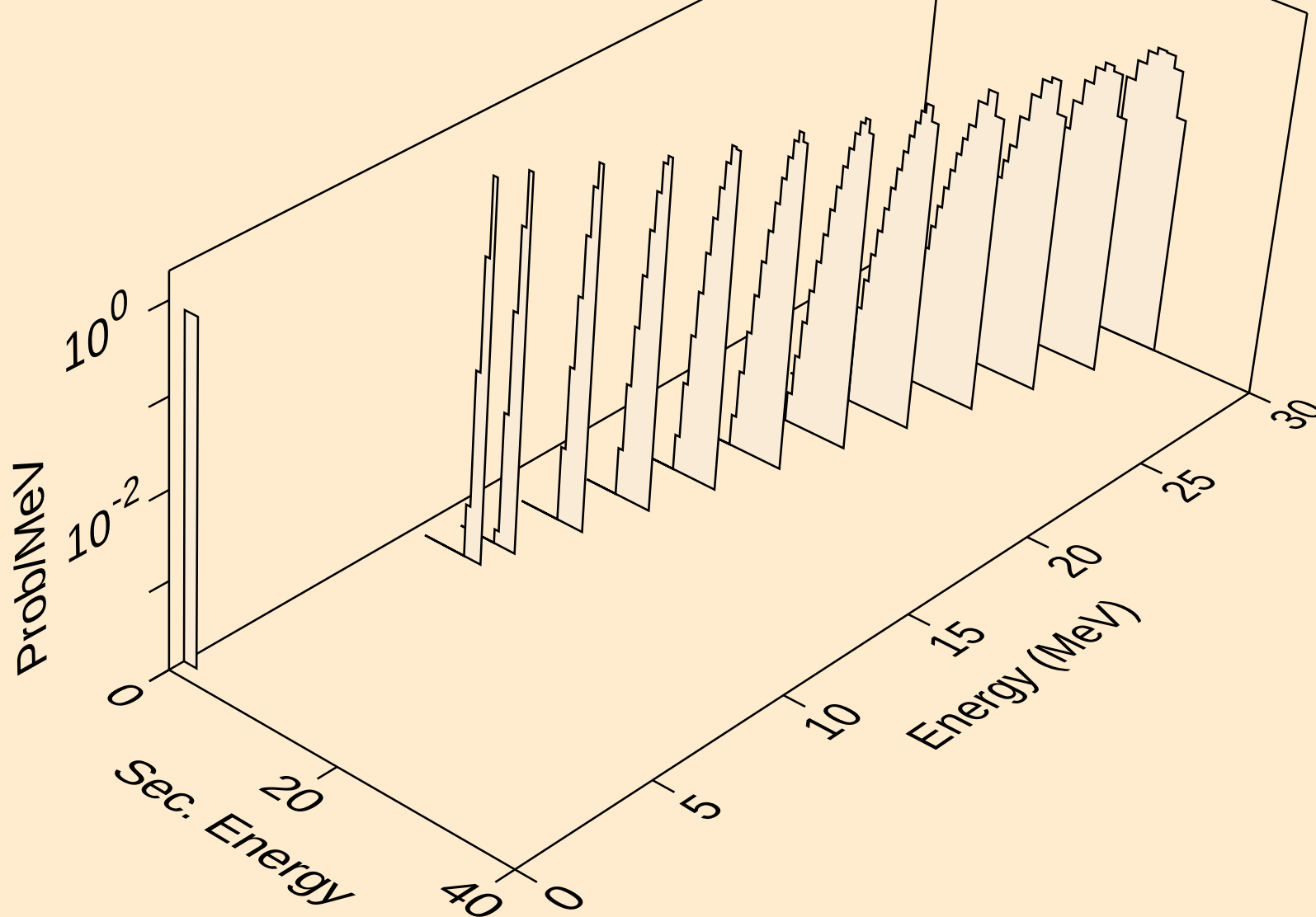
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



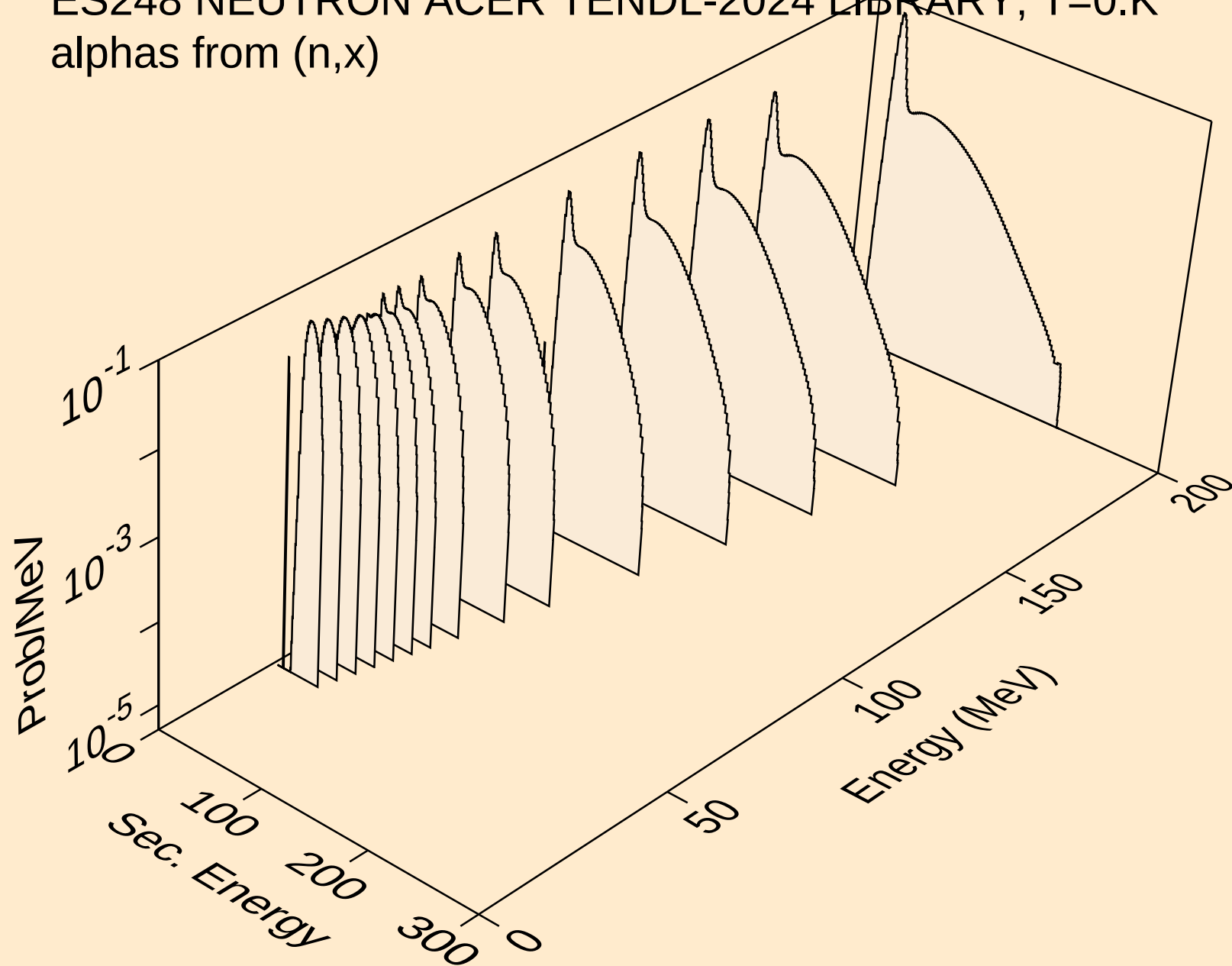
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



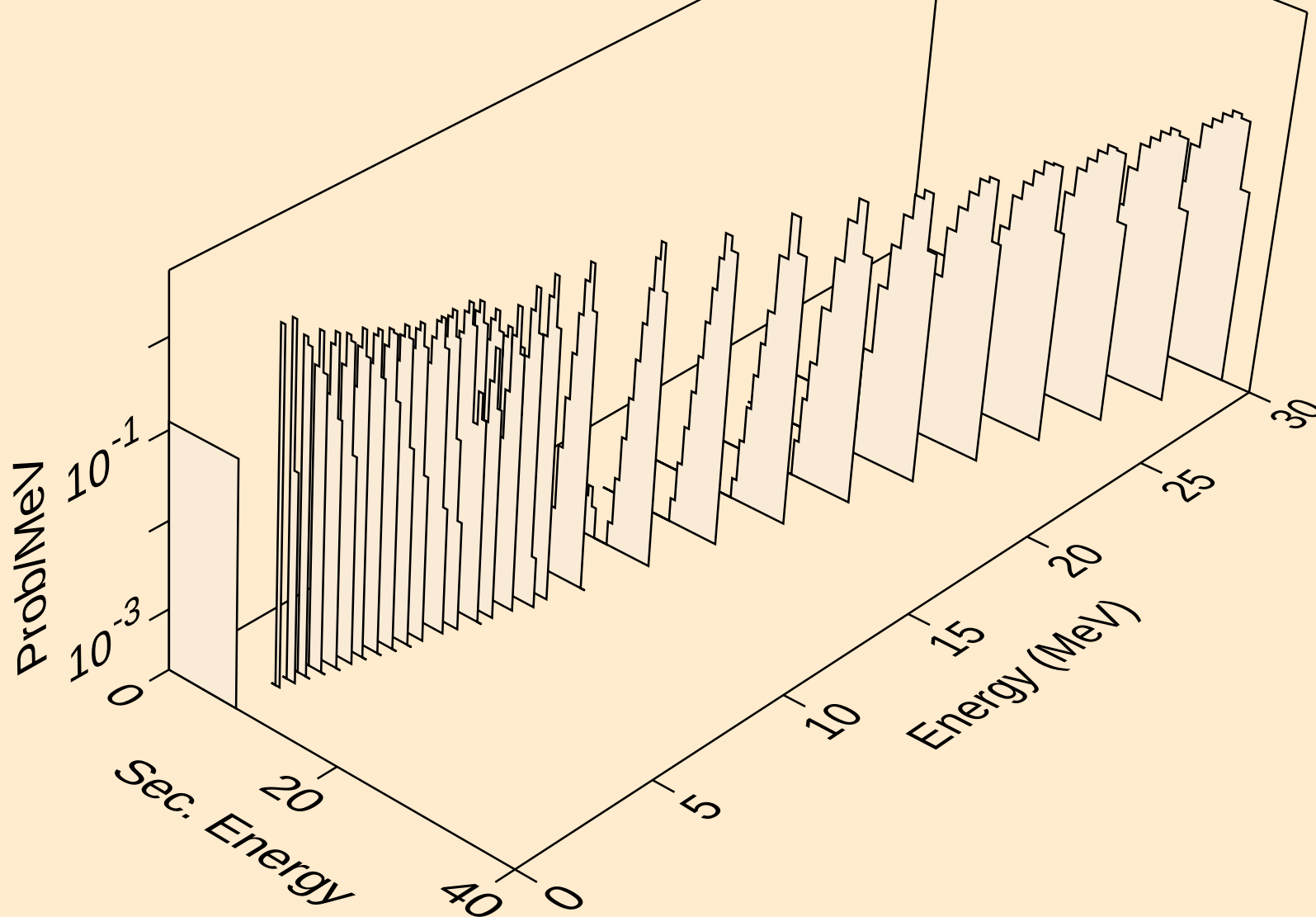
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



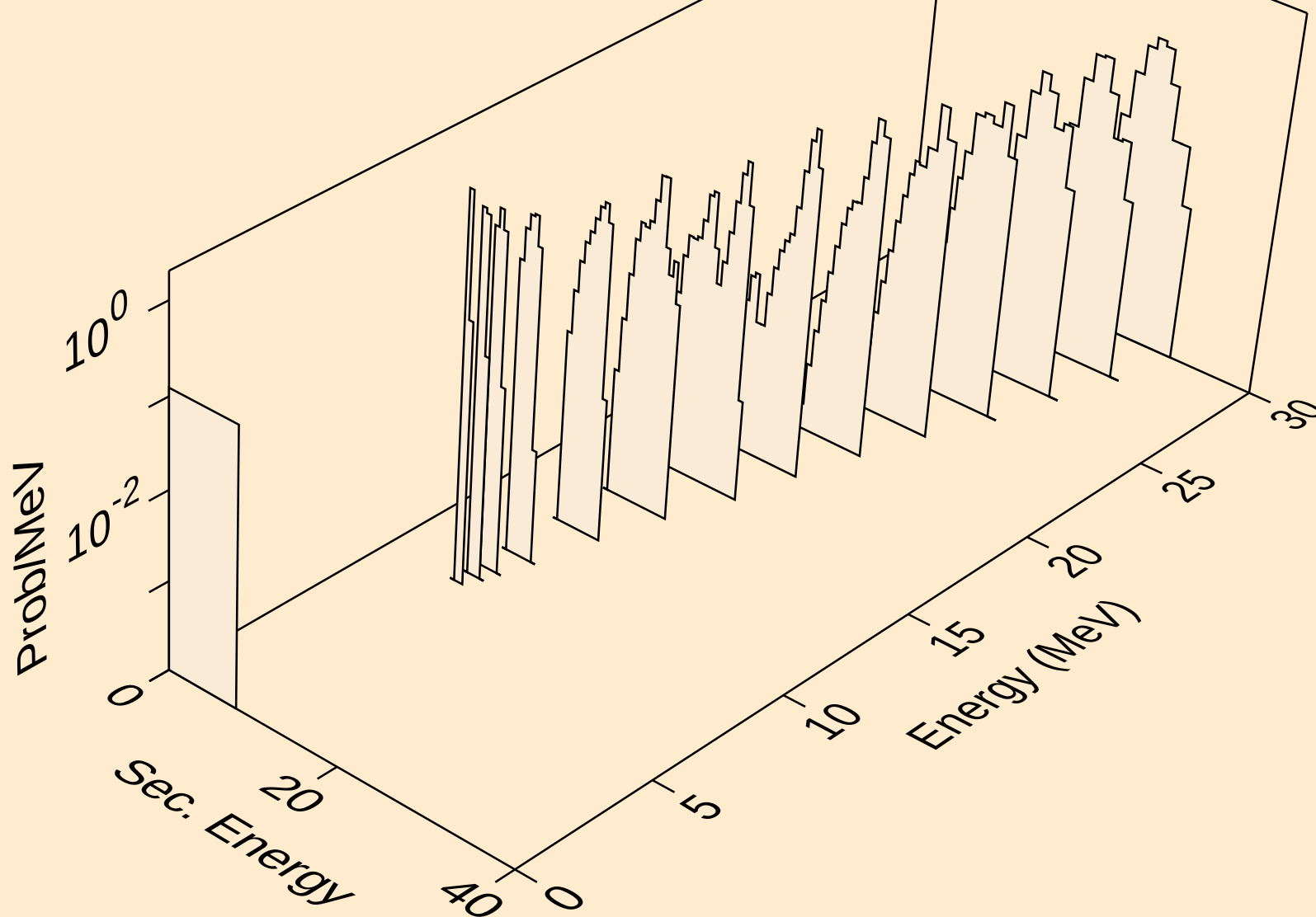
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



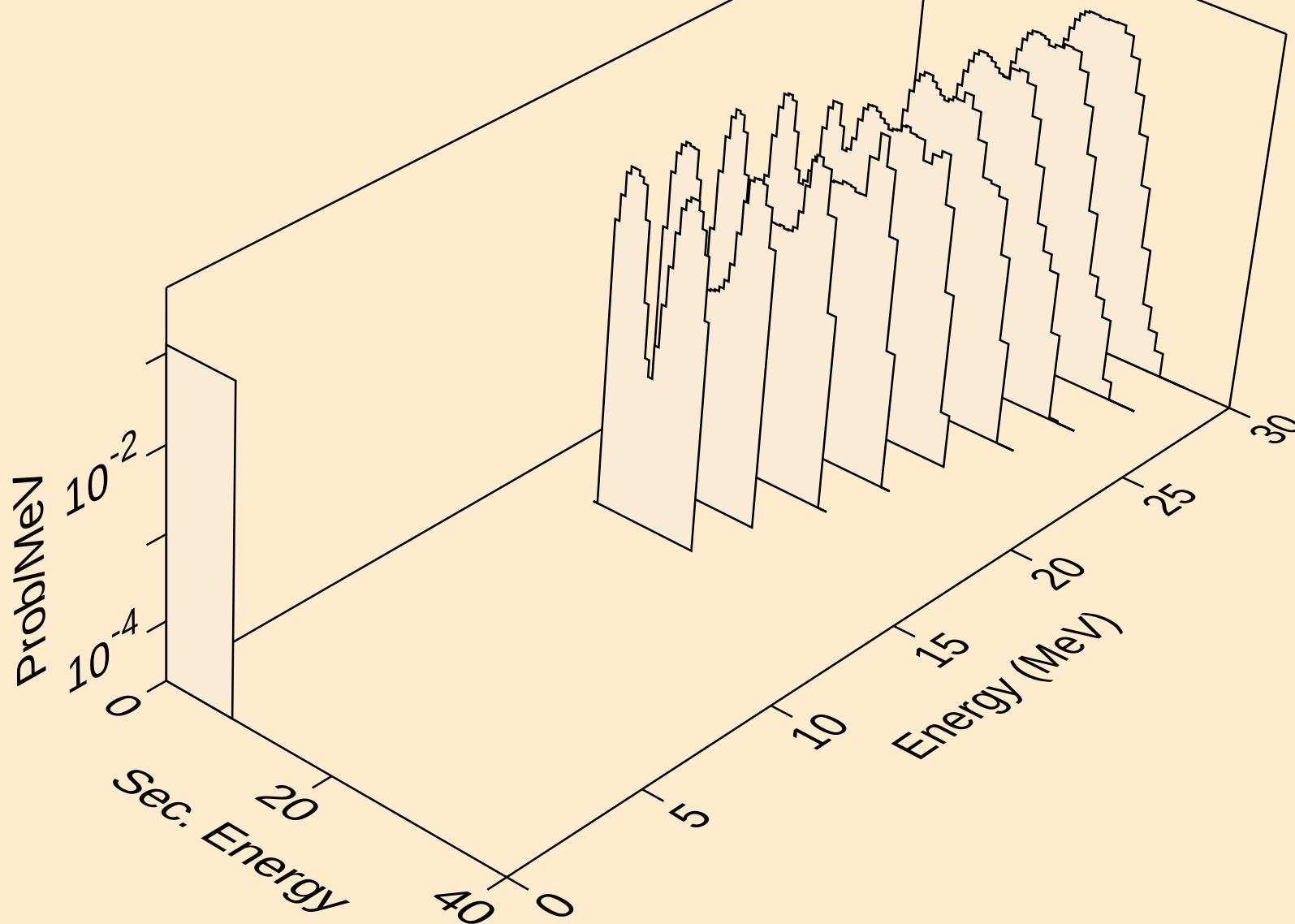
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



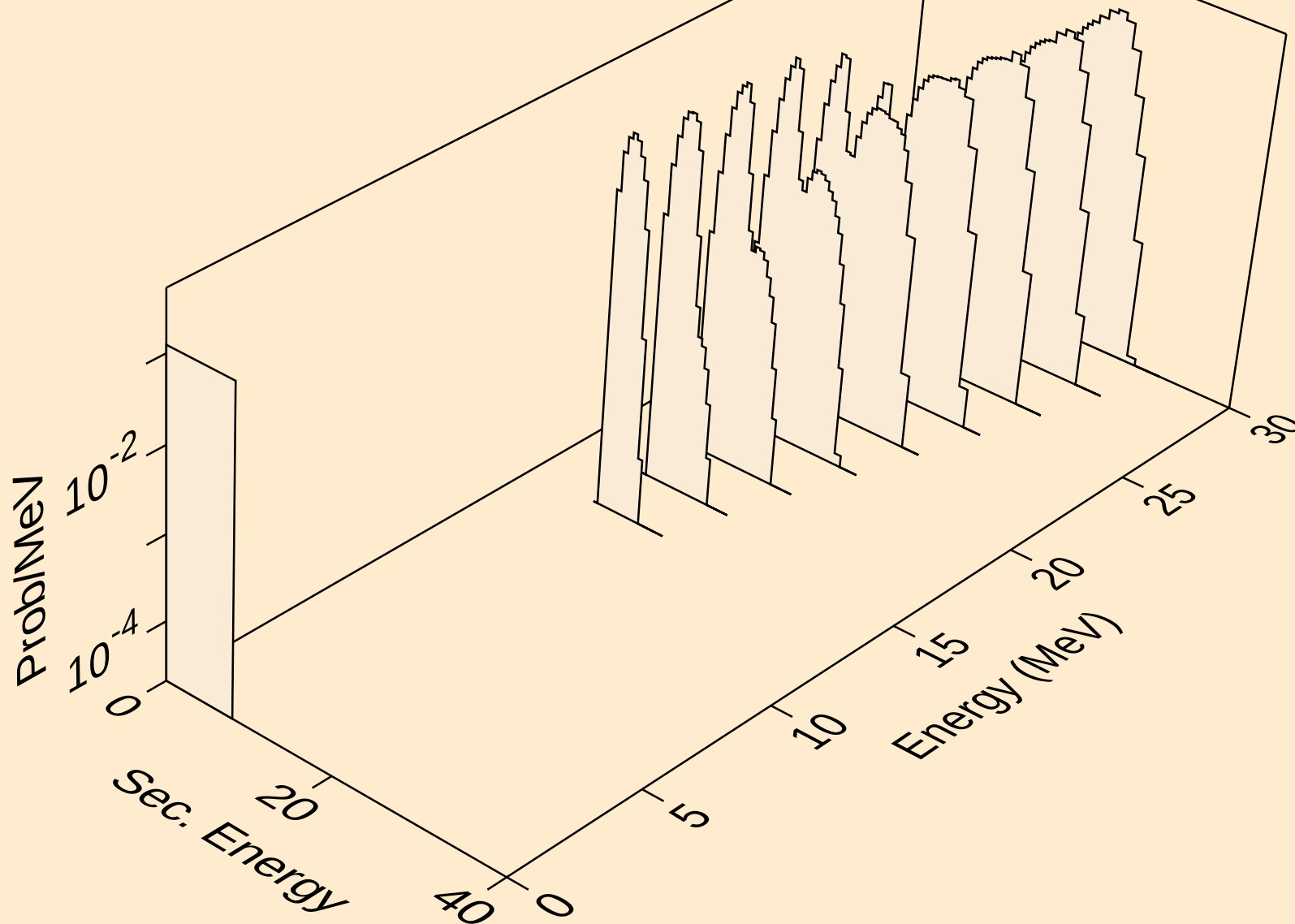
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



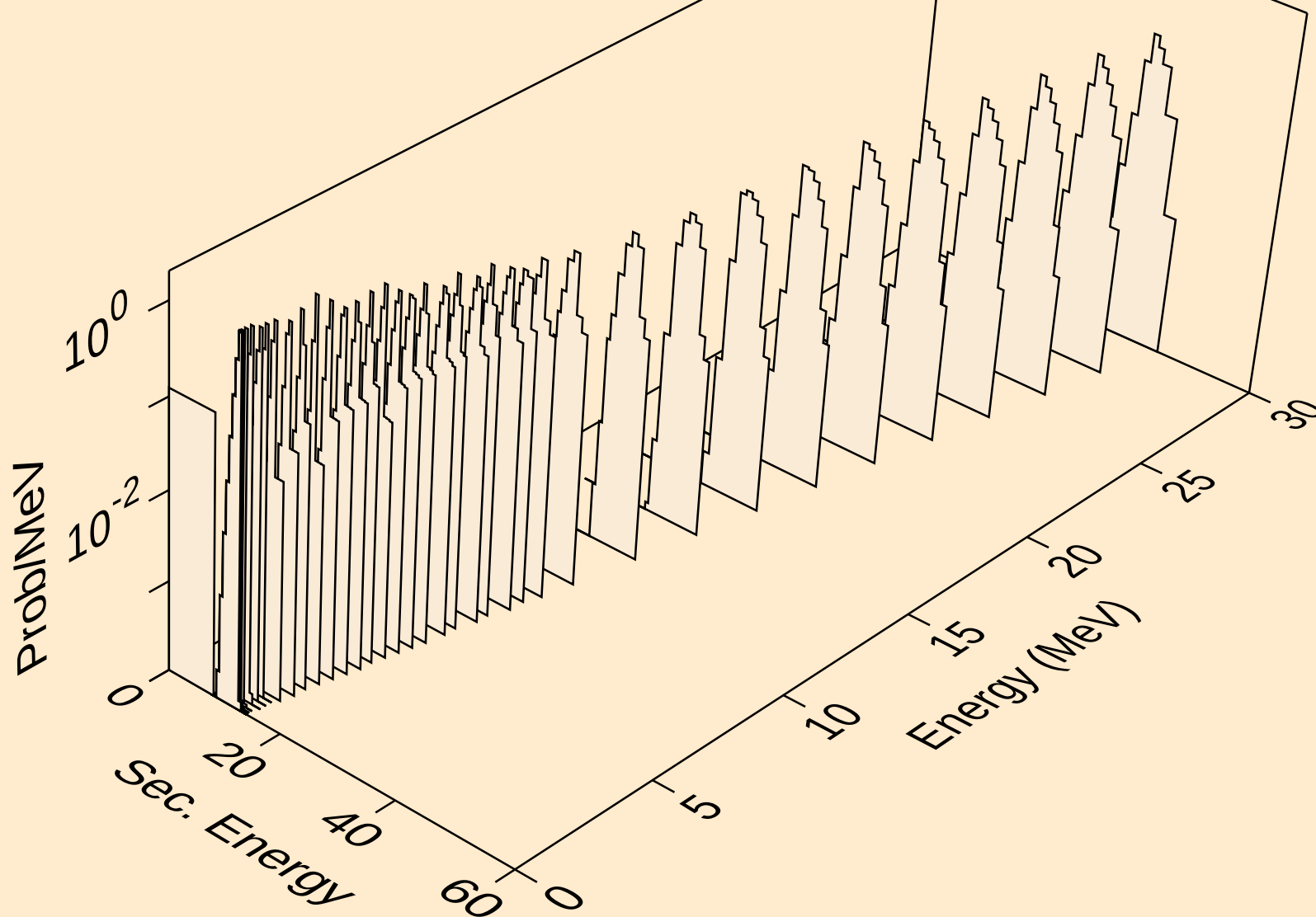
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



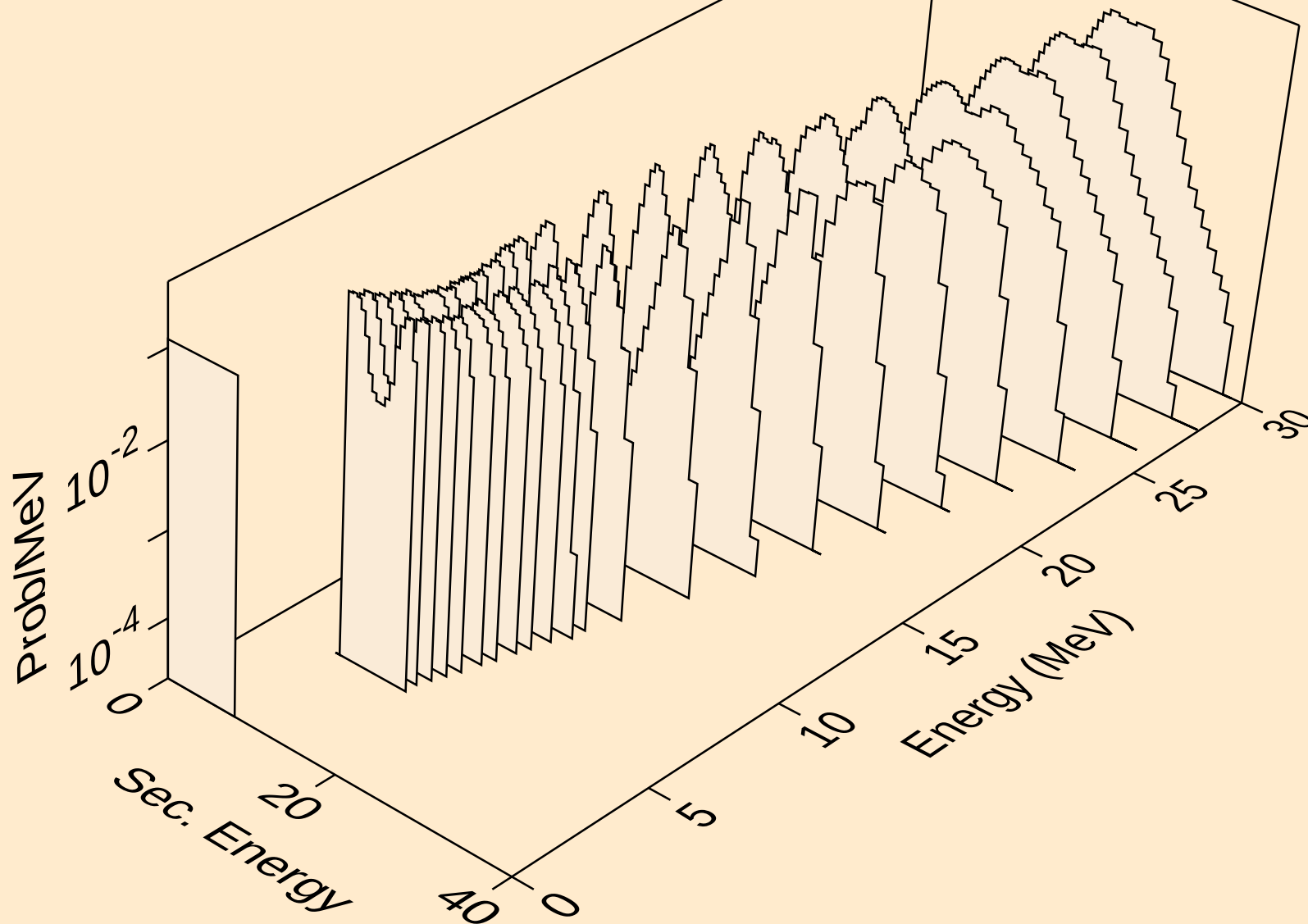
ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



ES248 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)

