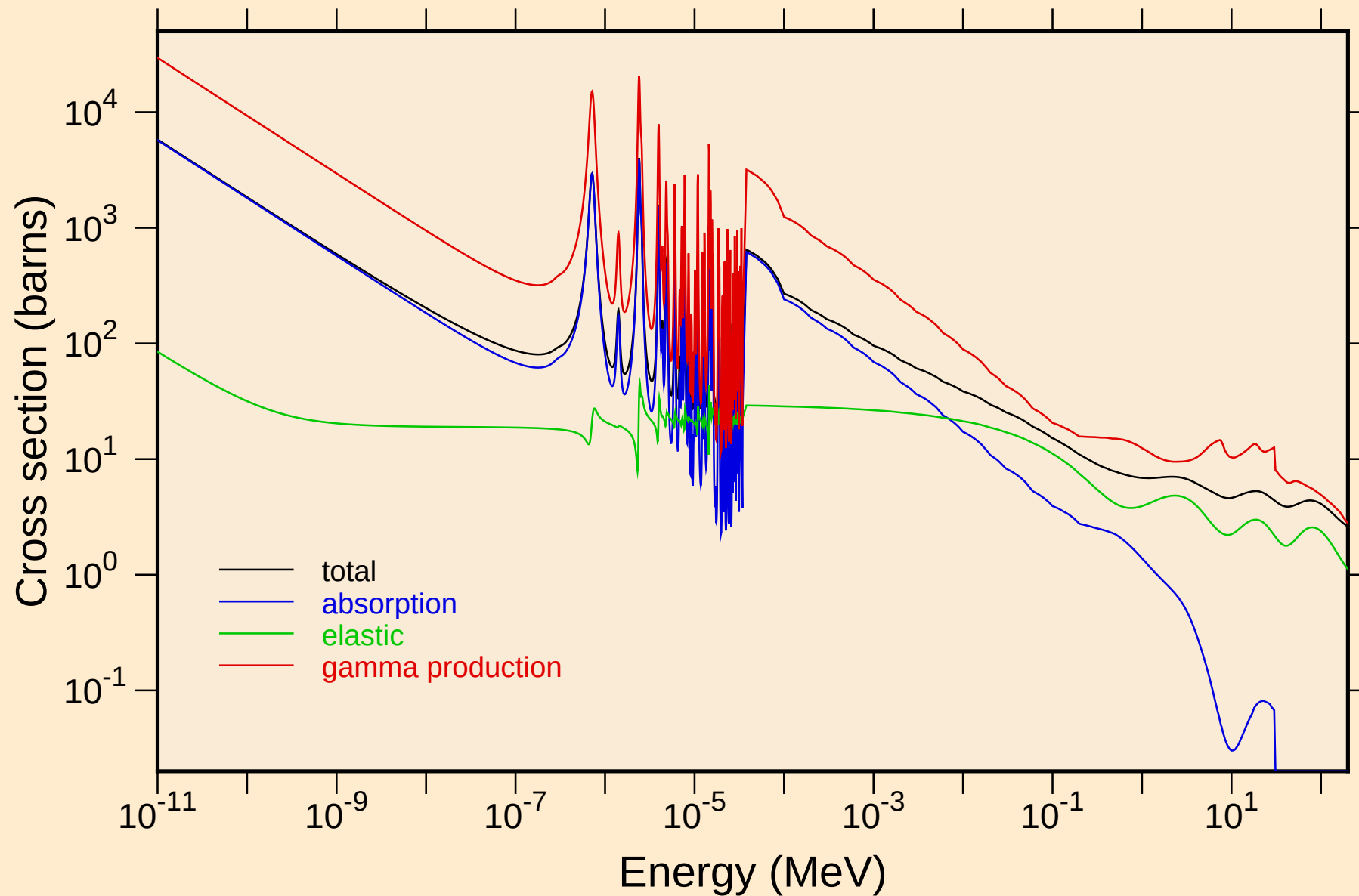
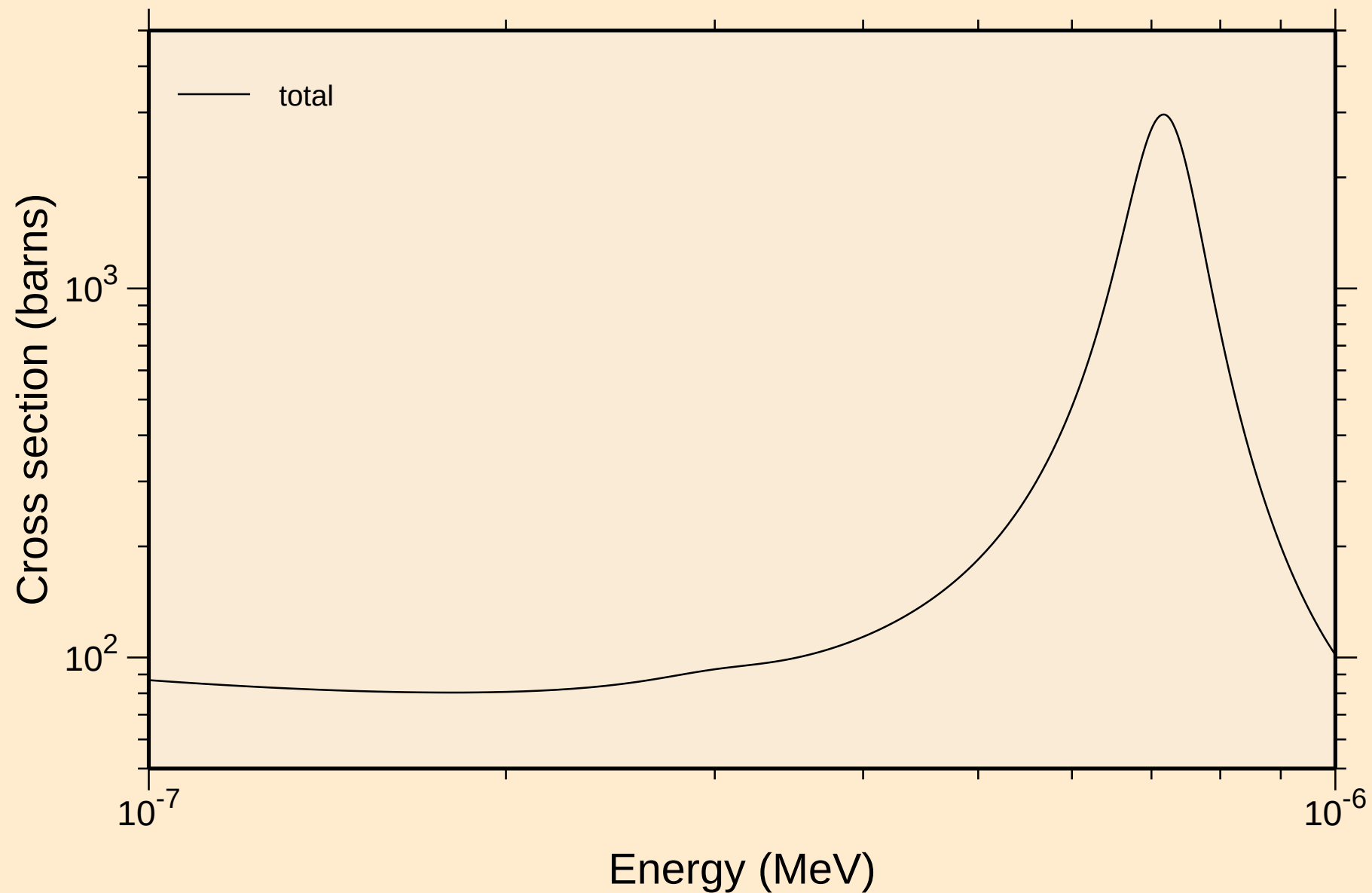


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

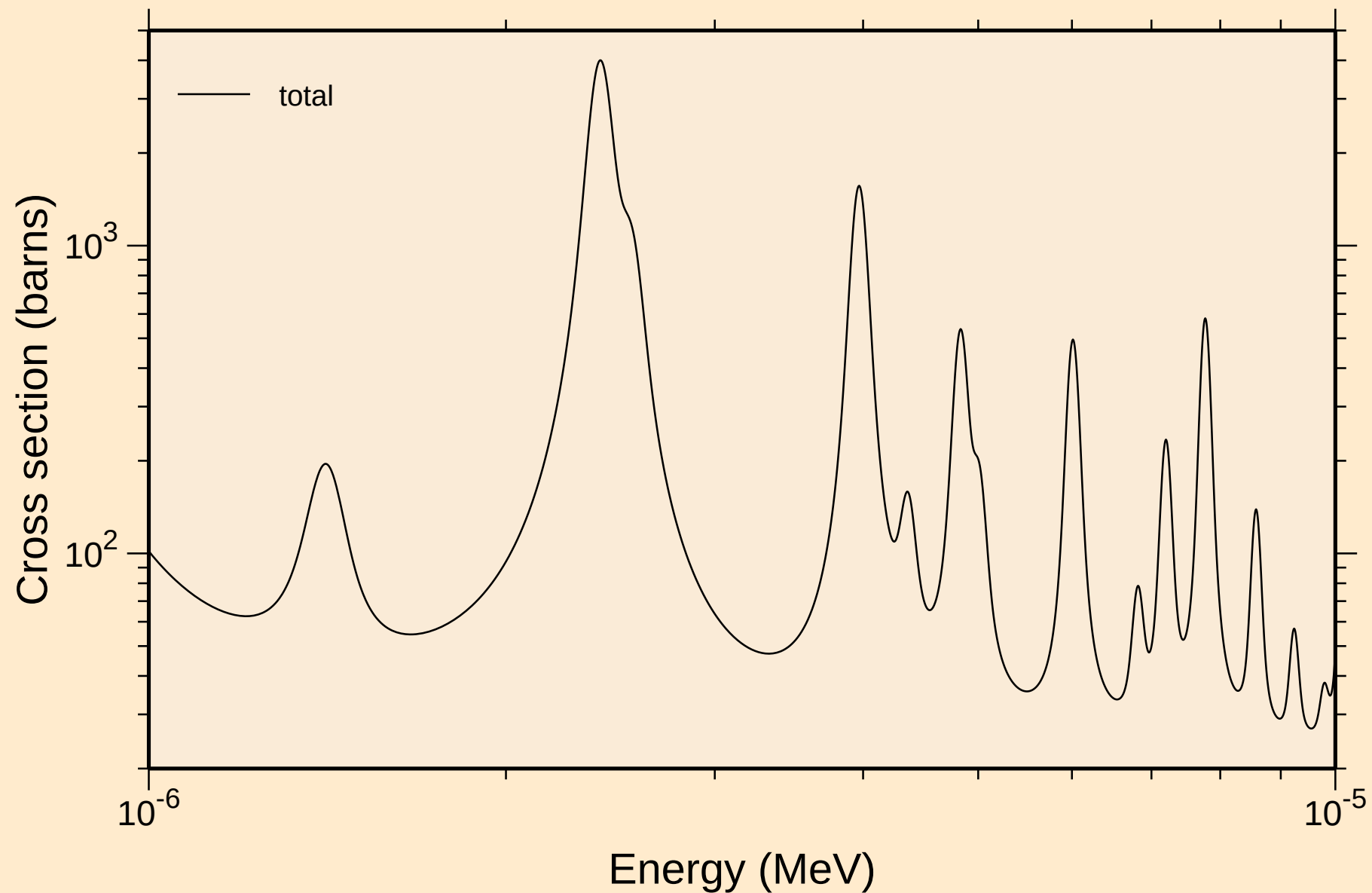
Principal cross sections



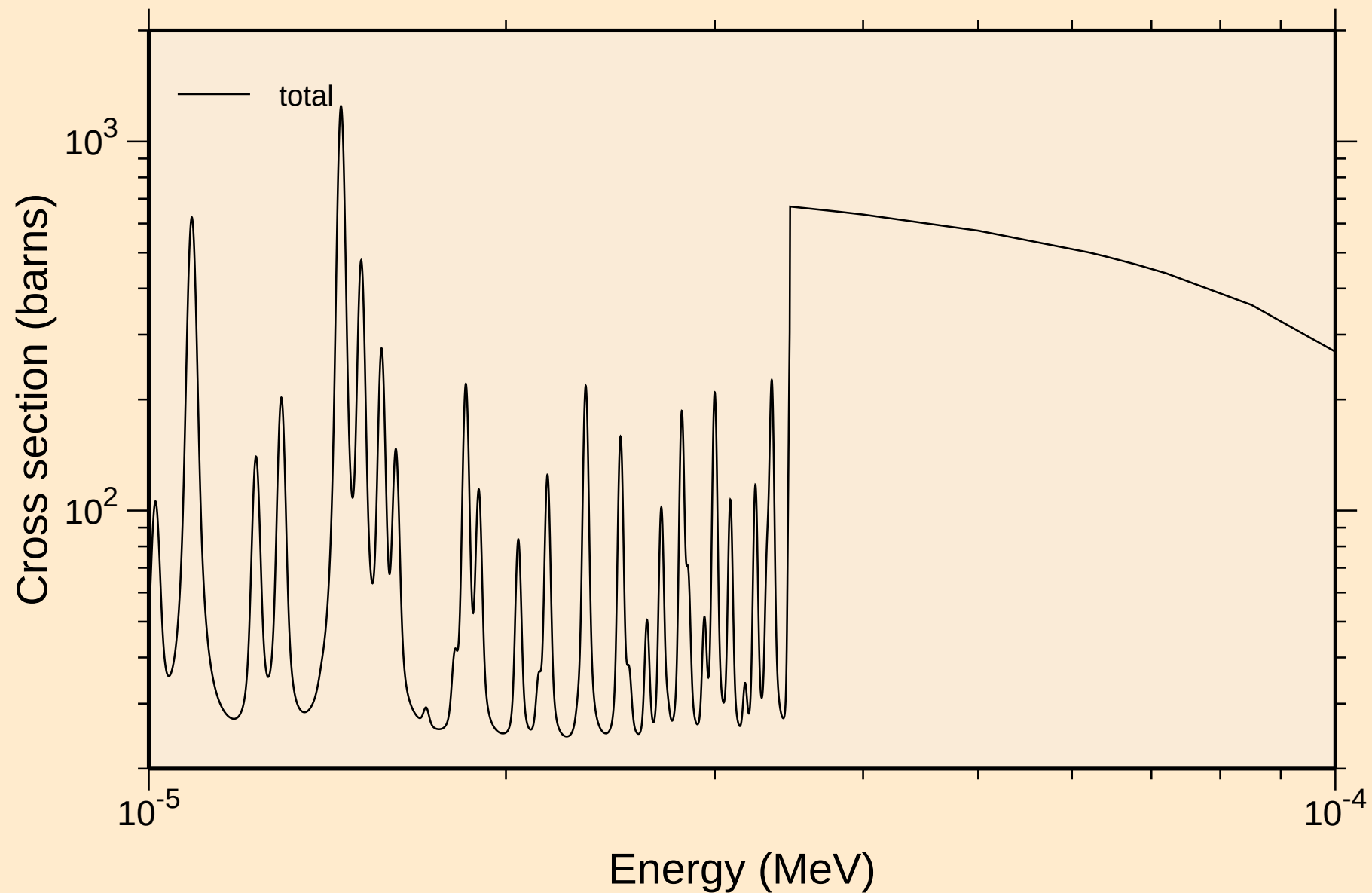
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



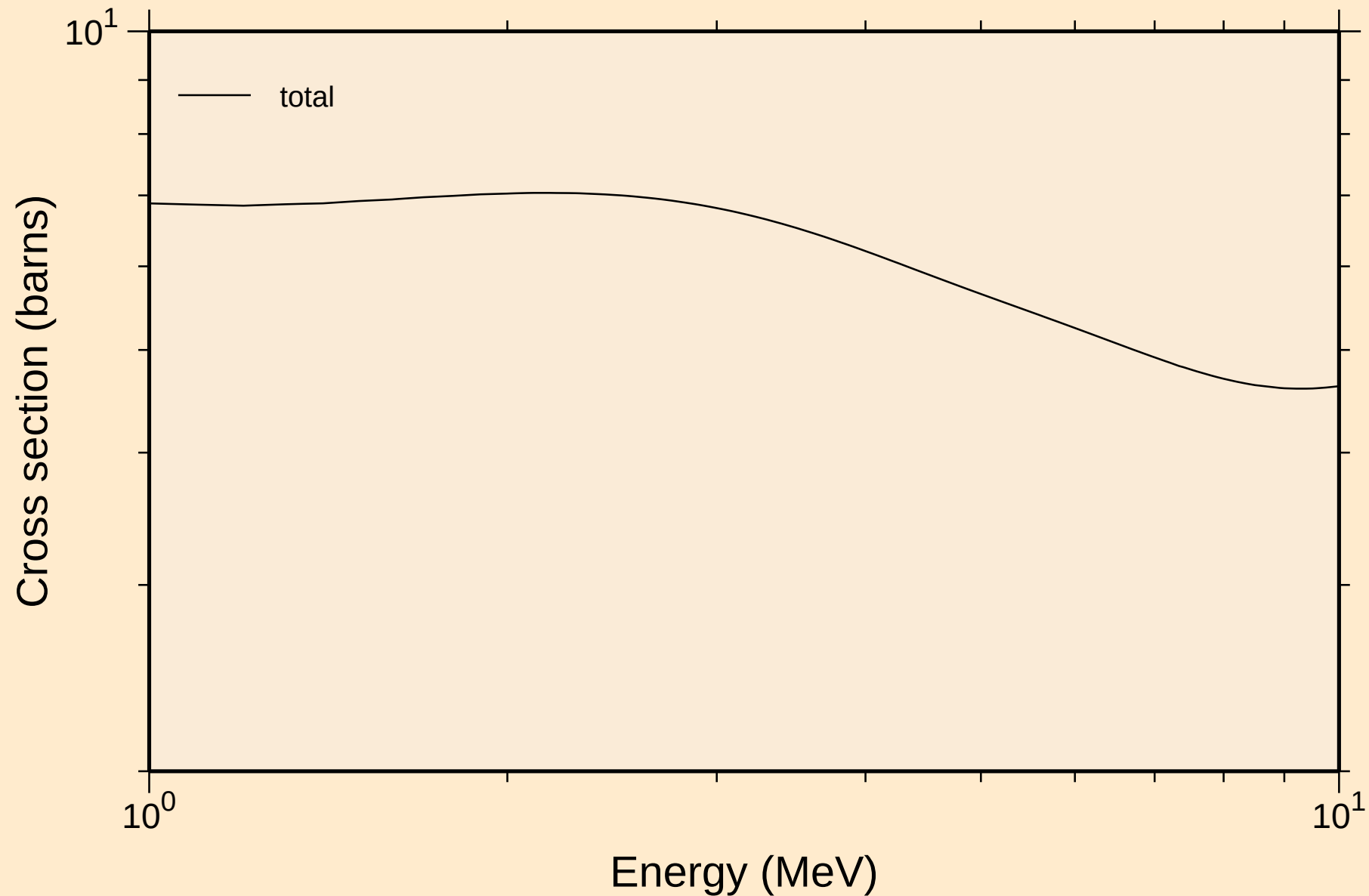
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



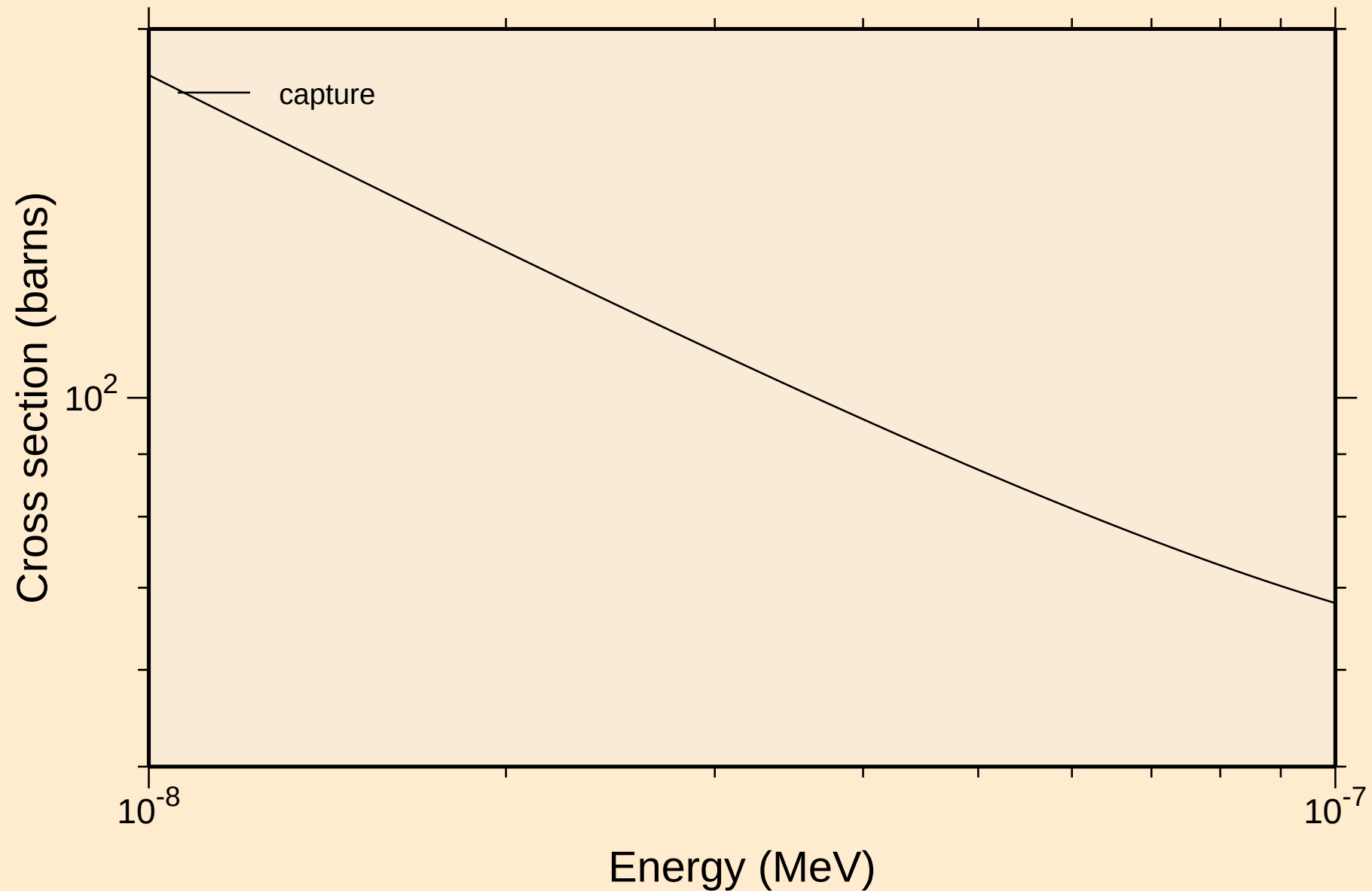
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



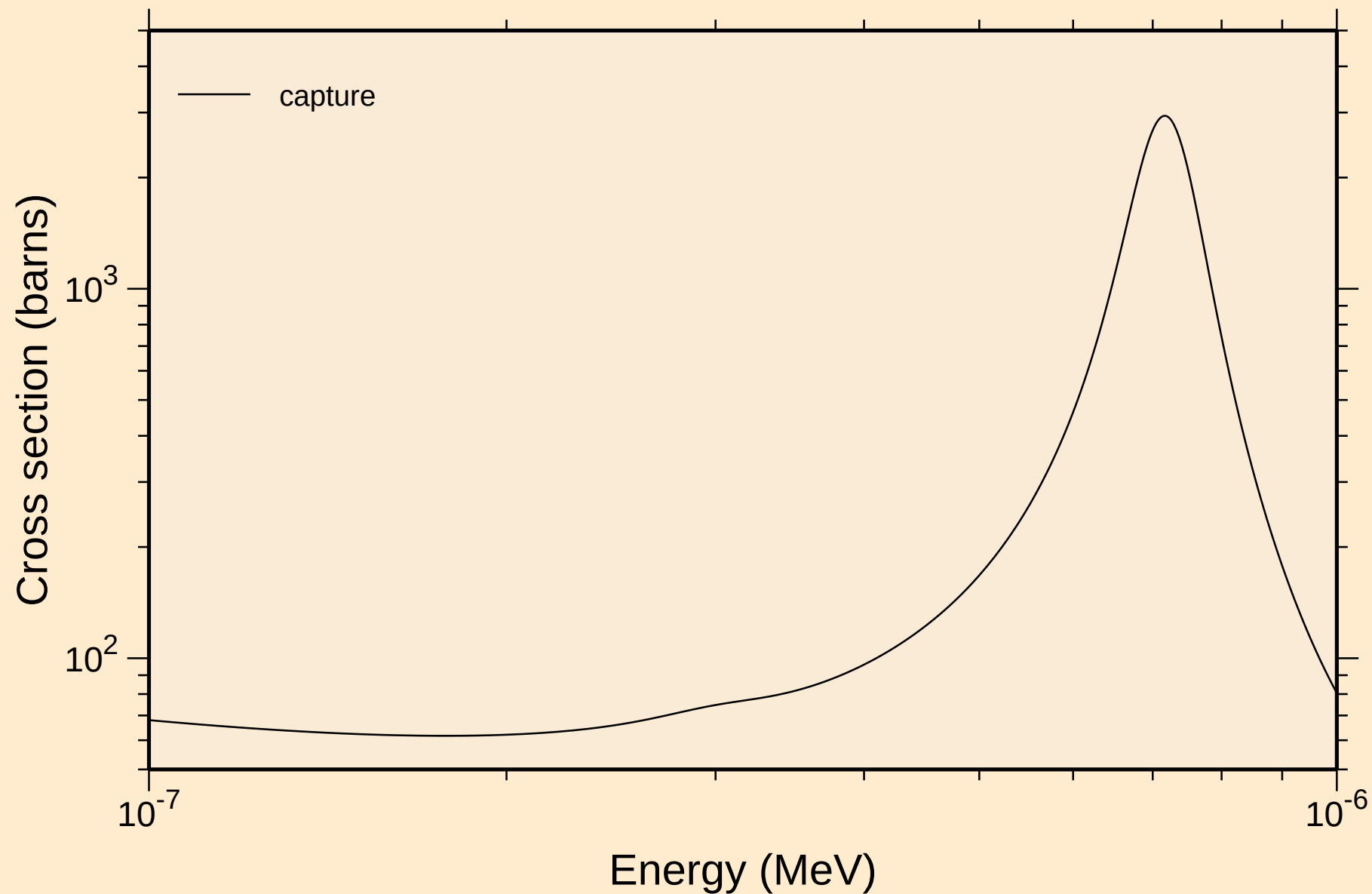
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



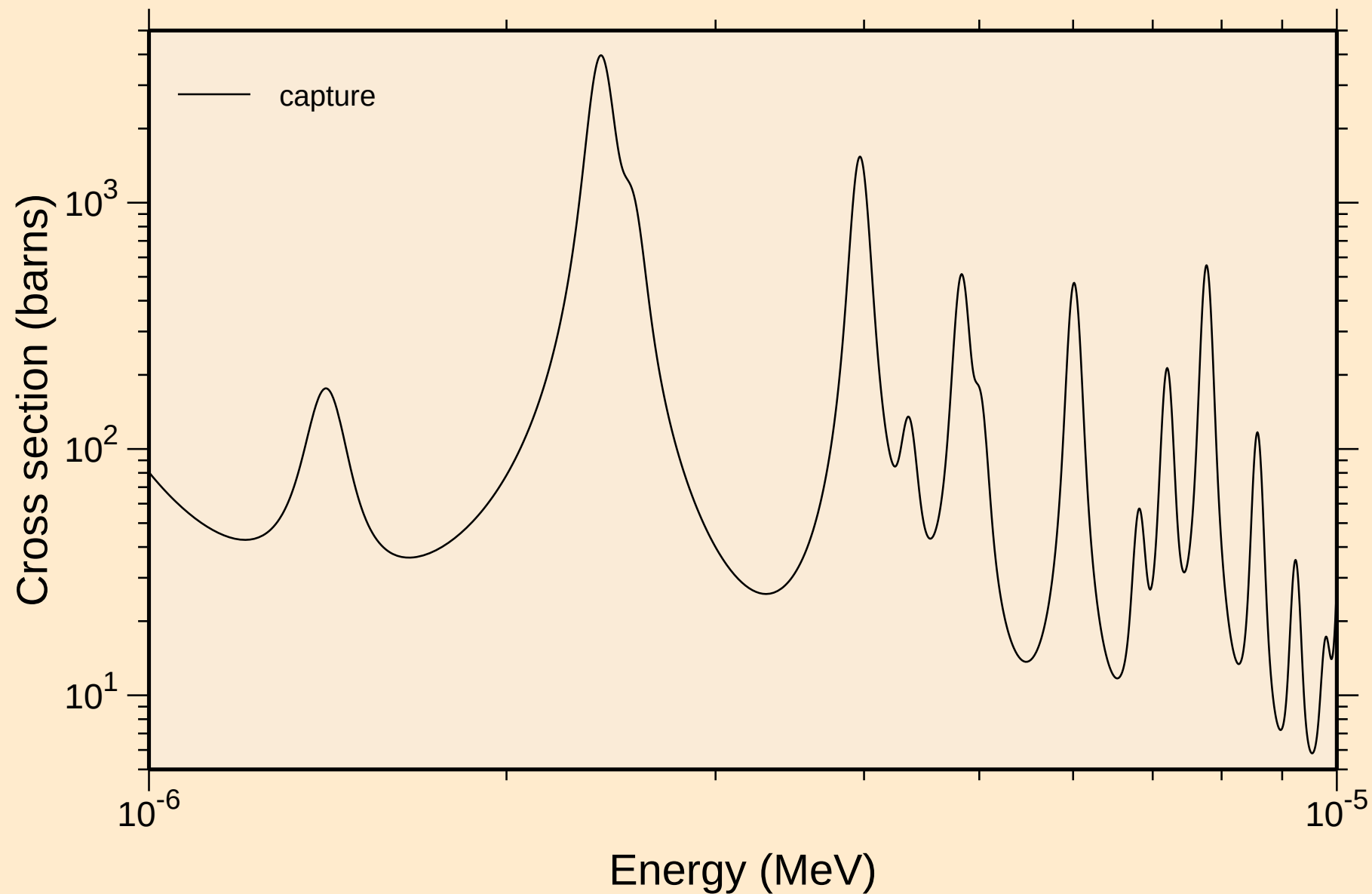
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



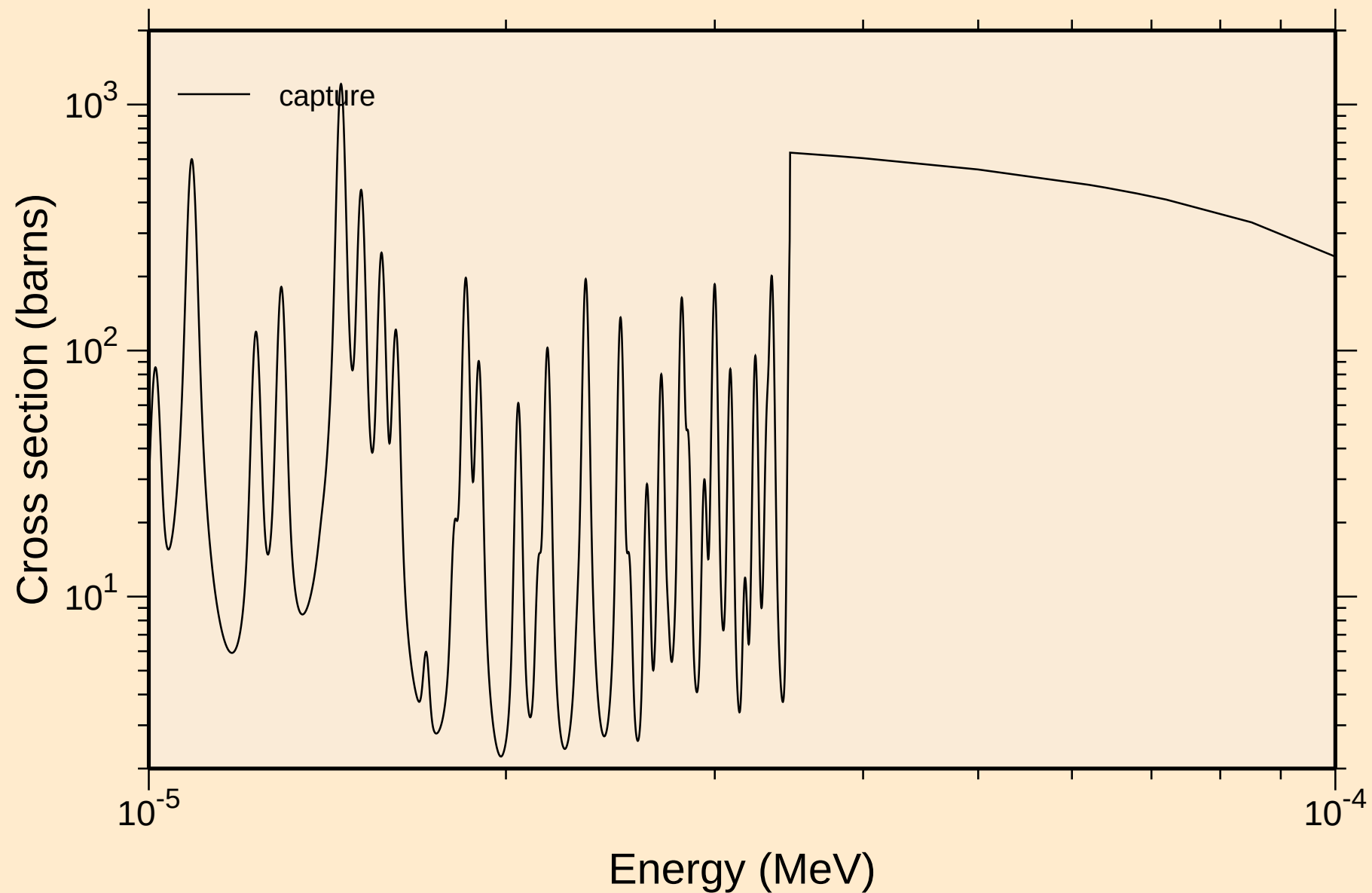
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



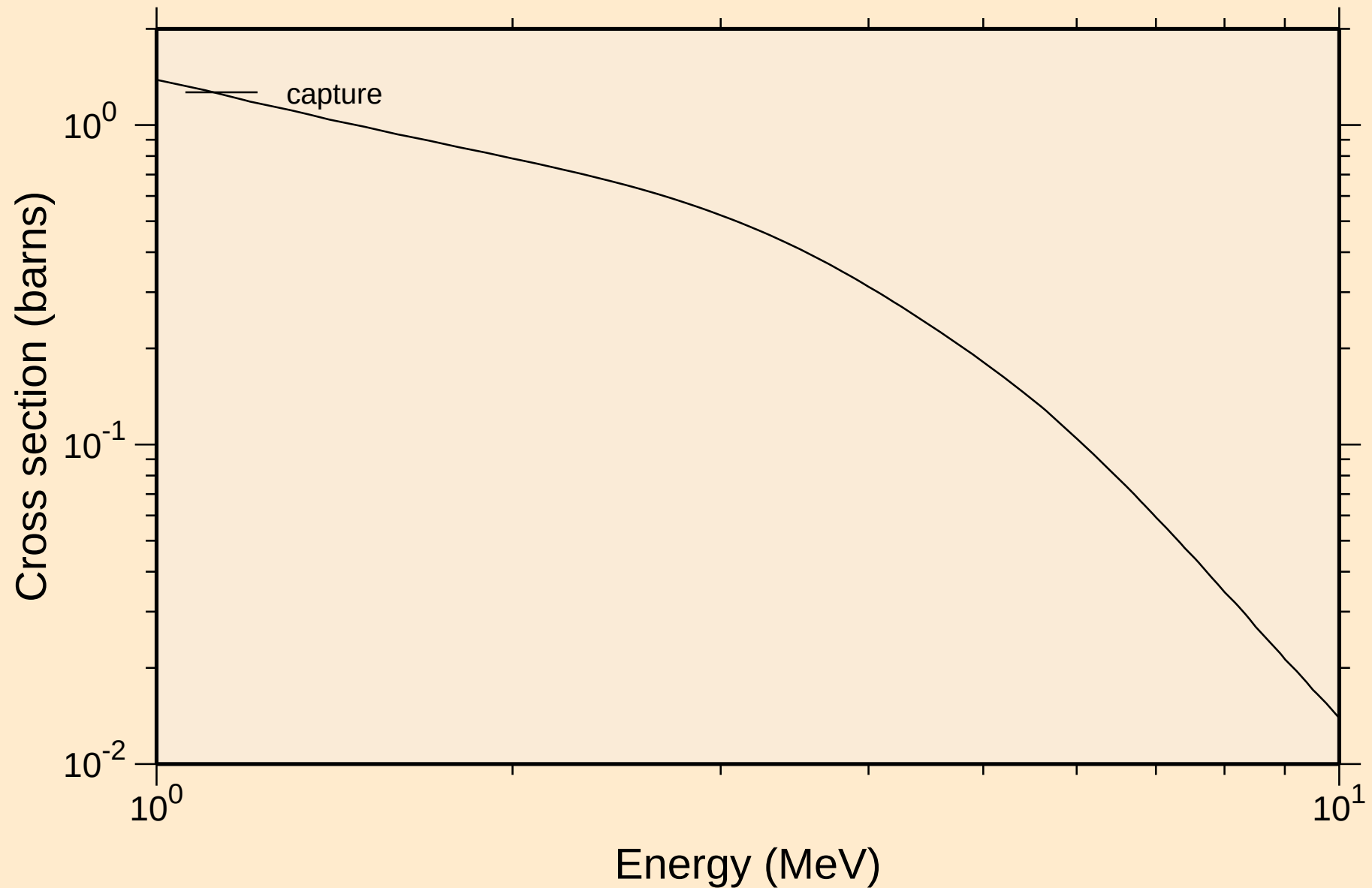
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

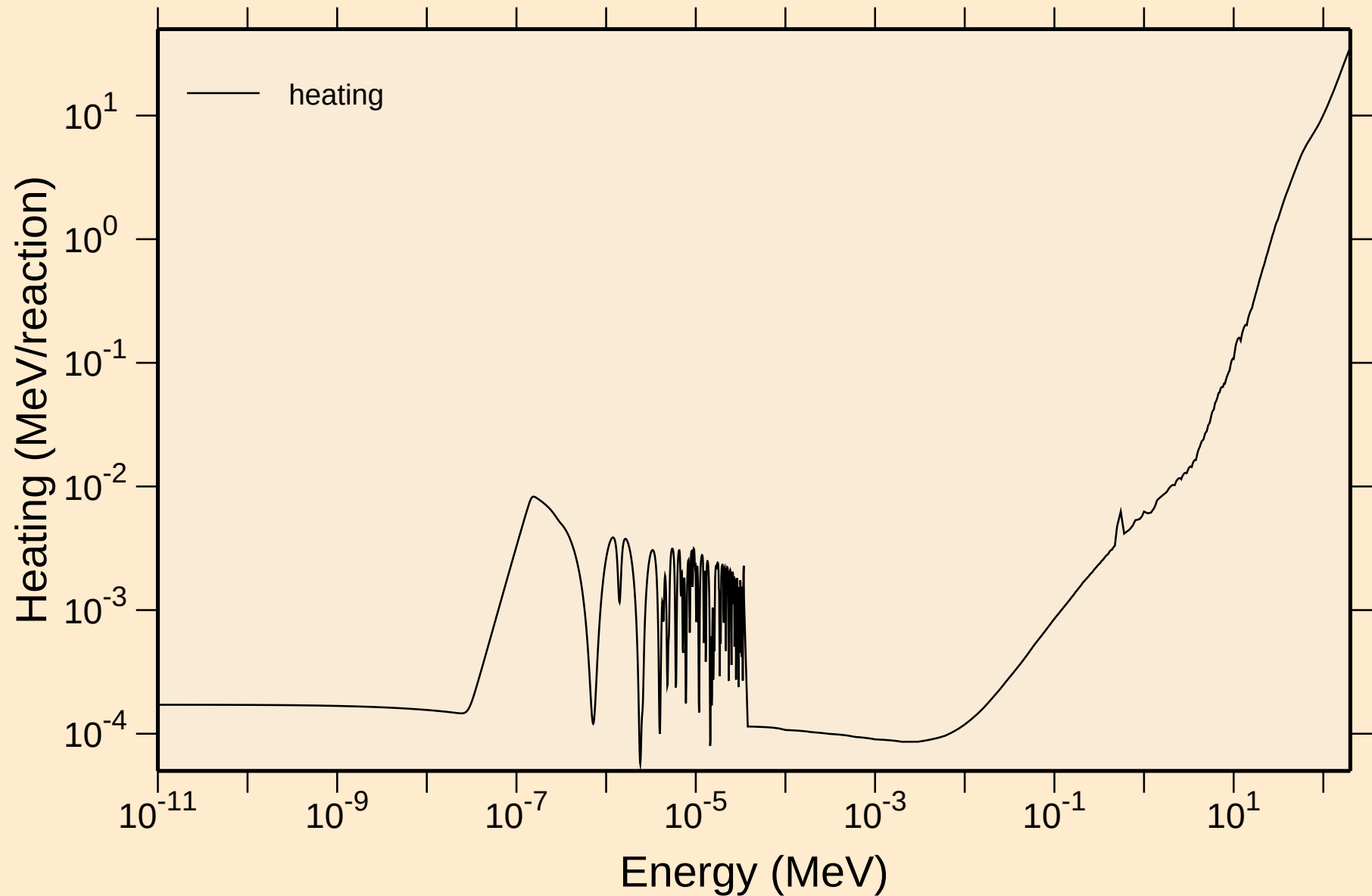


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



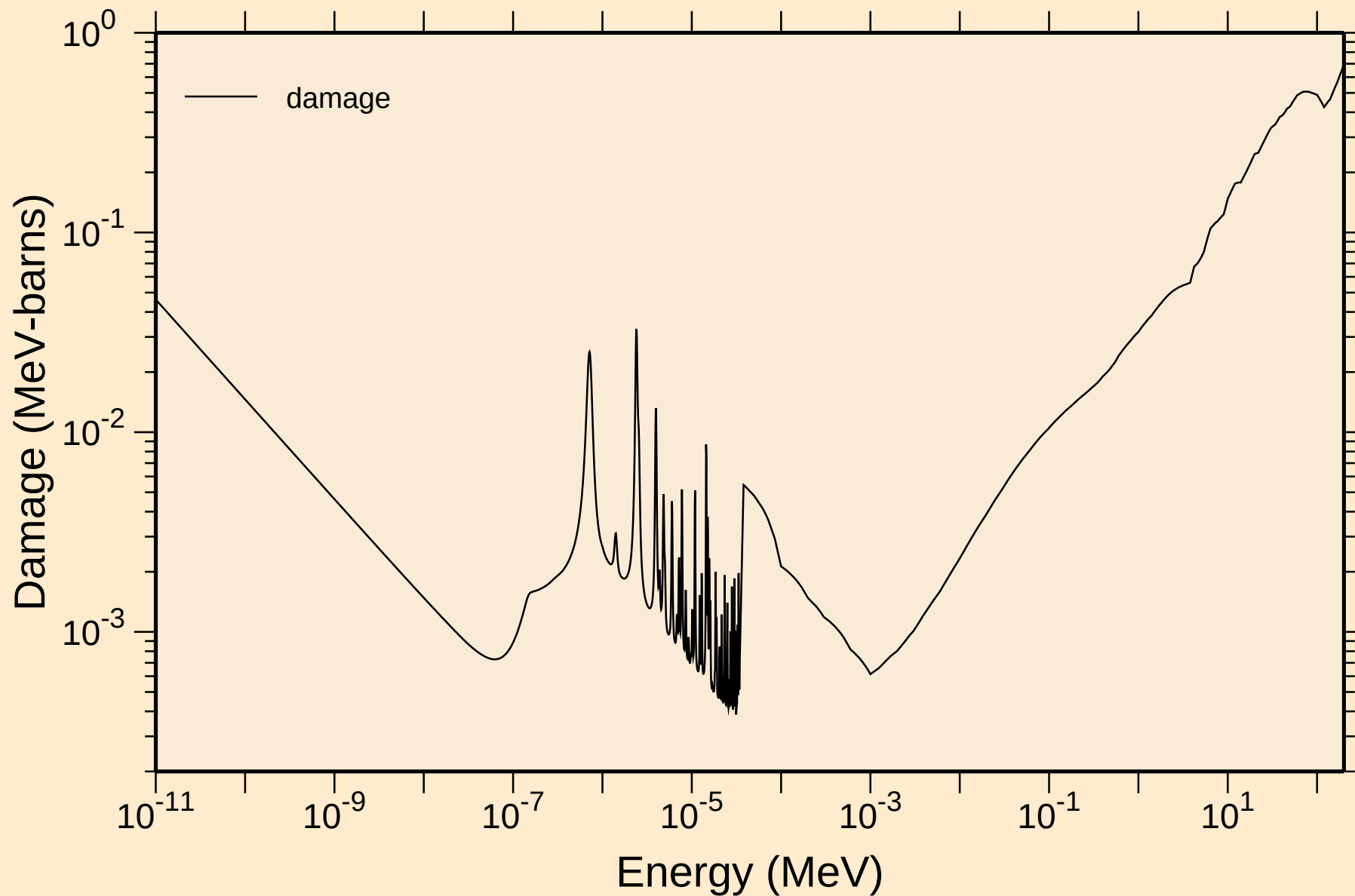
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

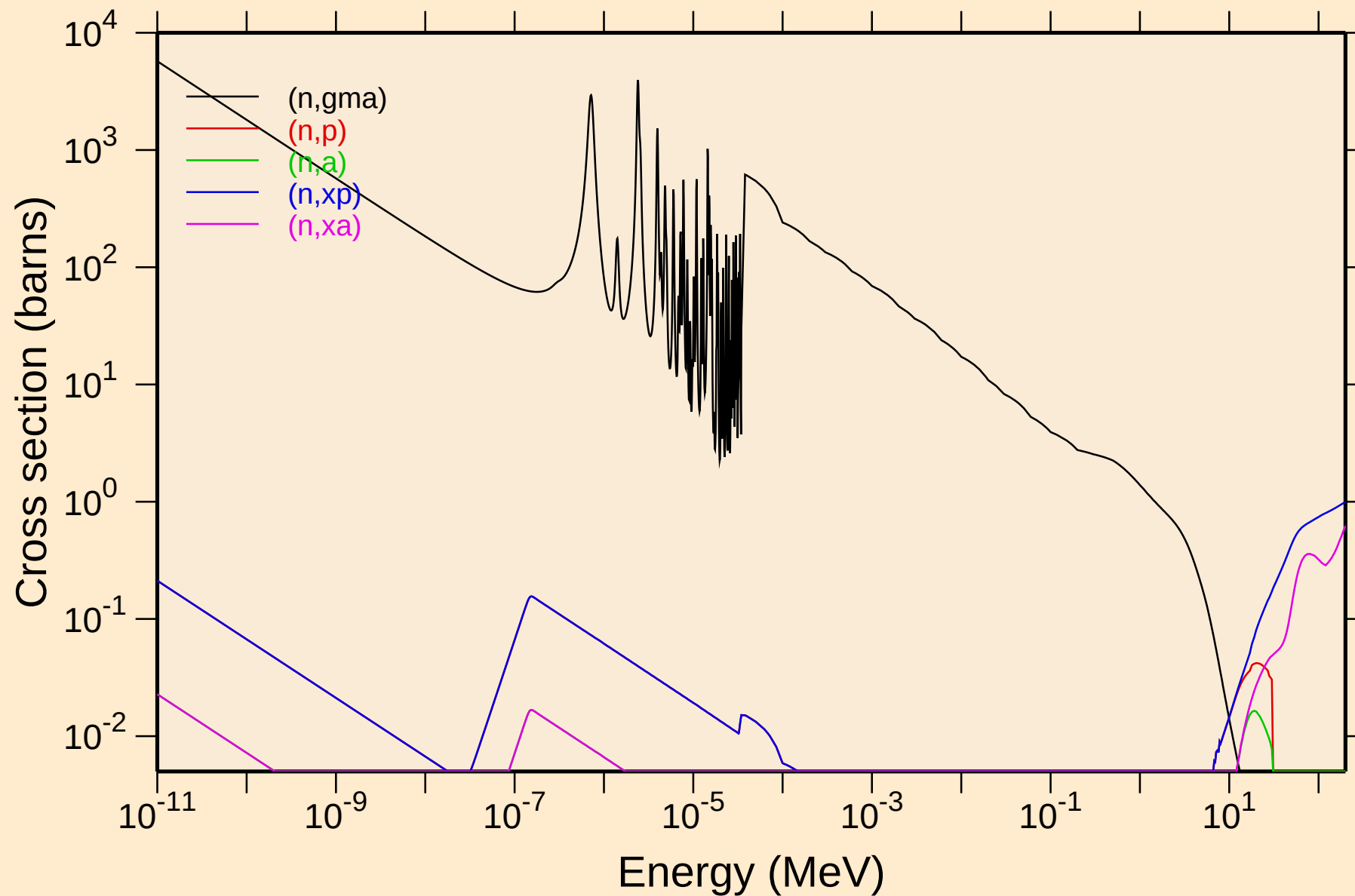


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage

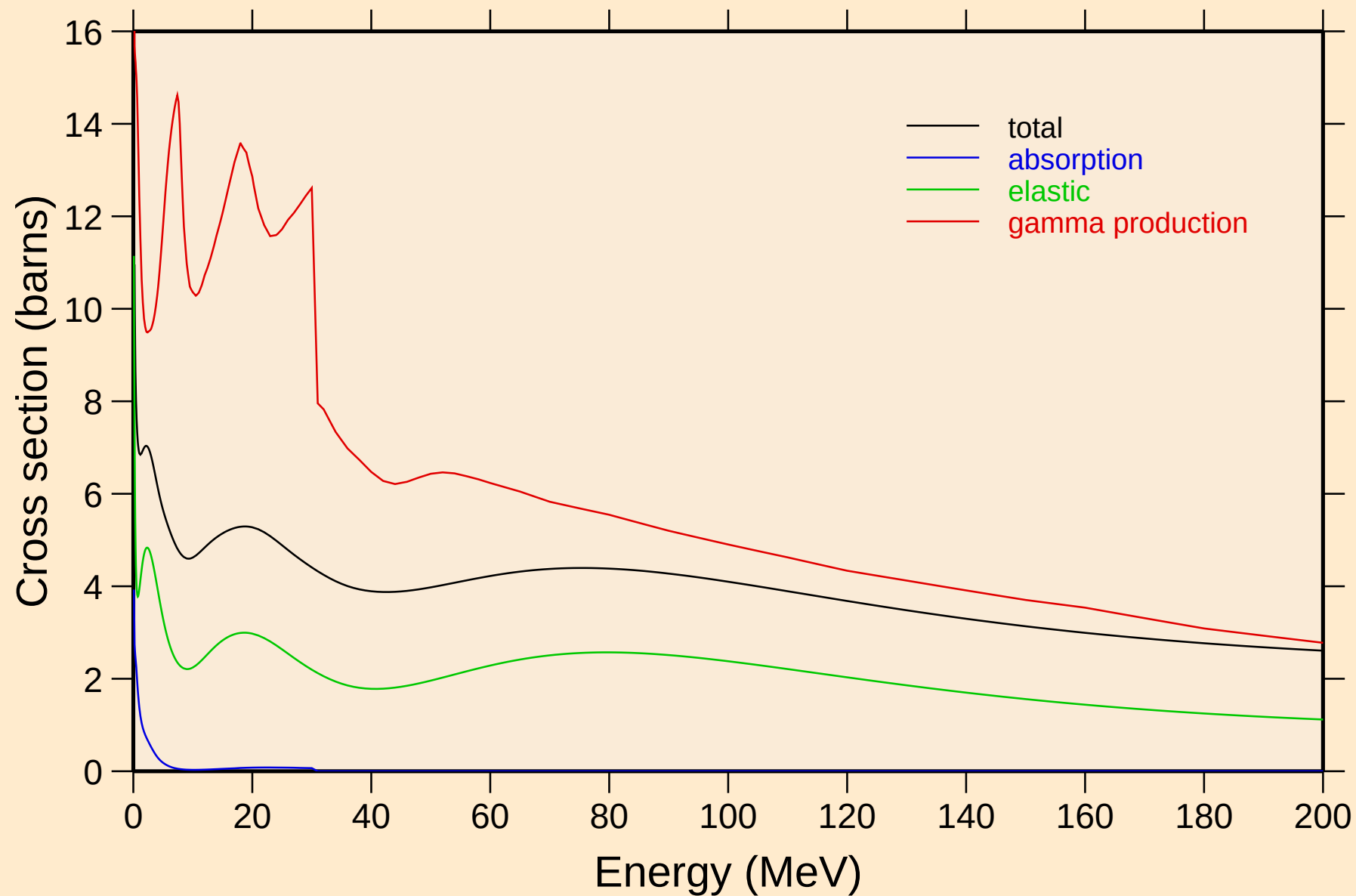


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



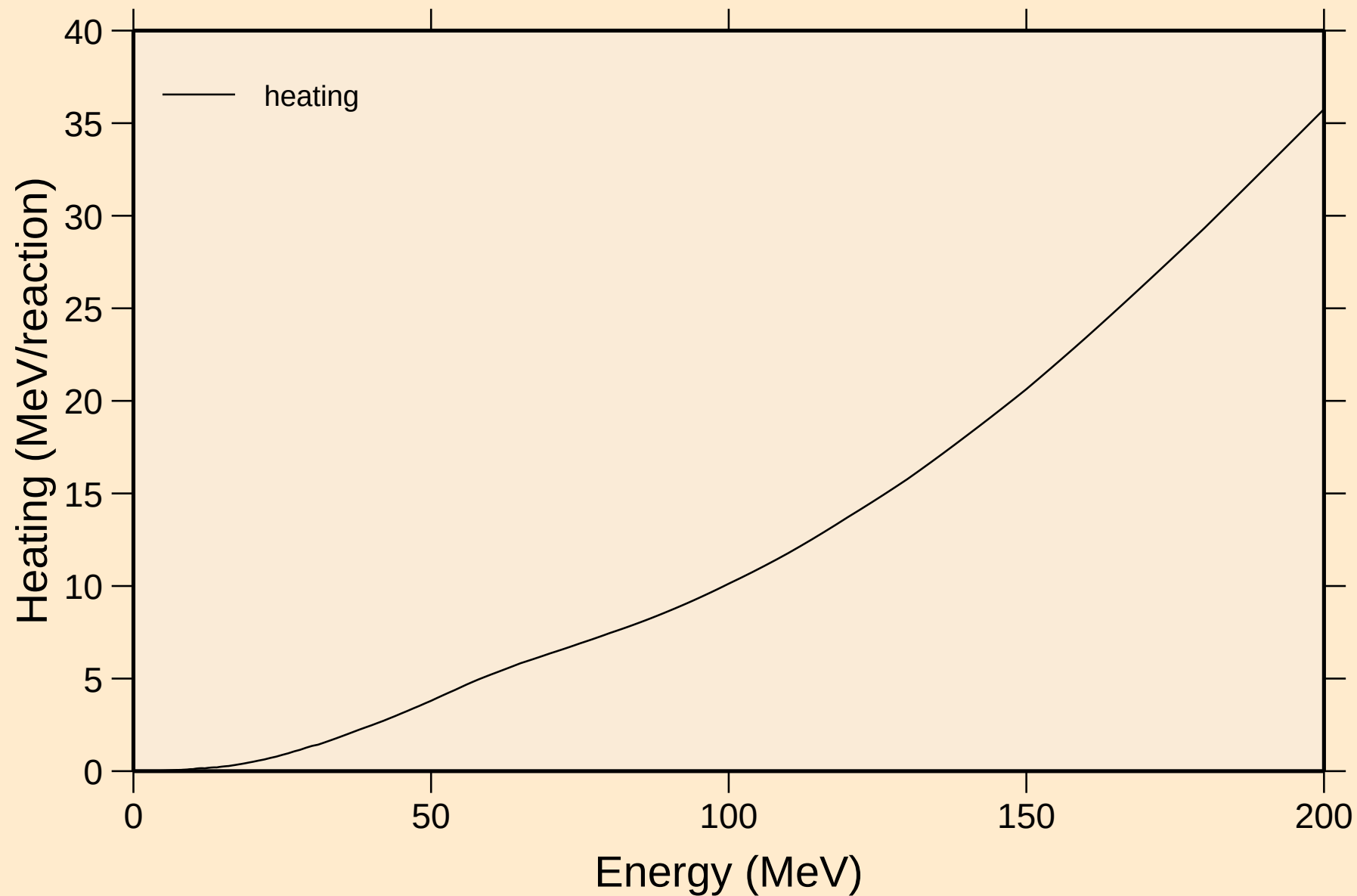
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections



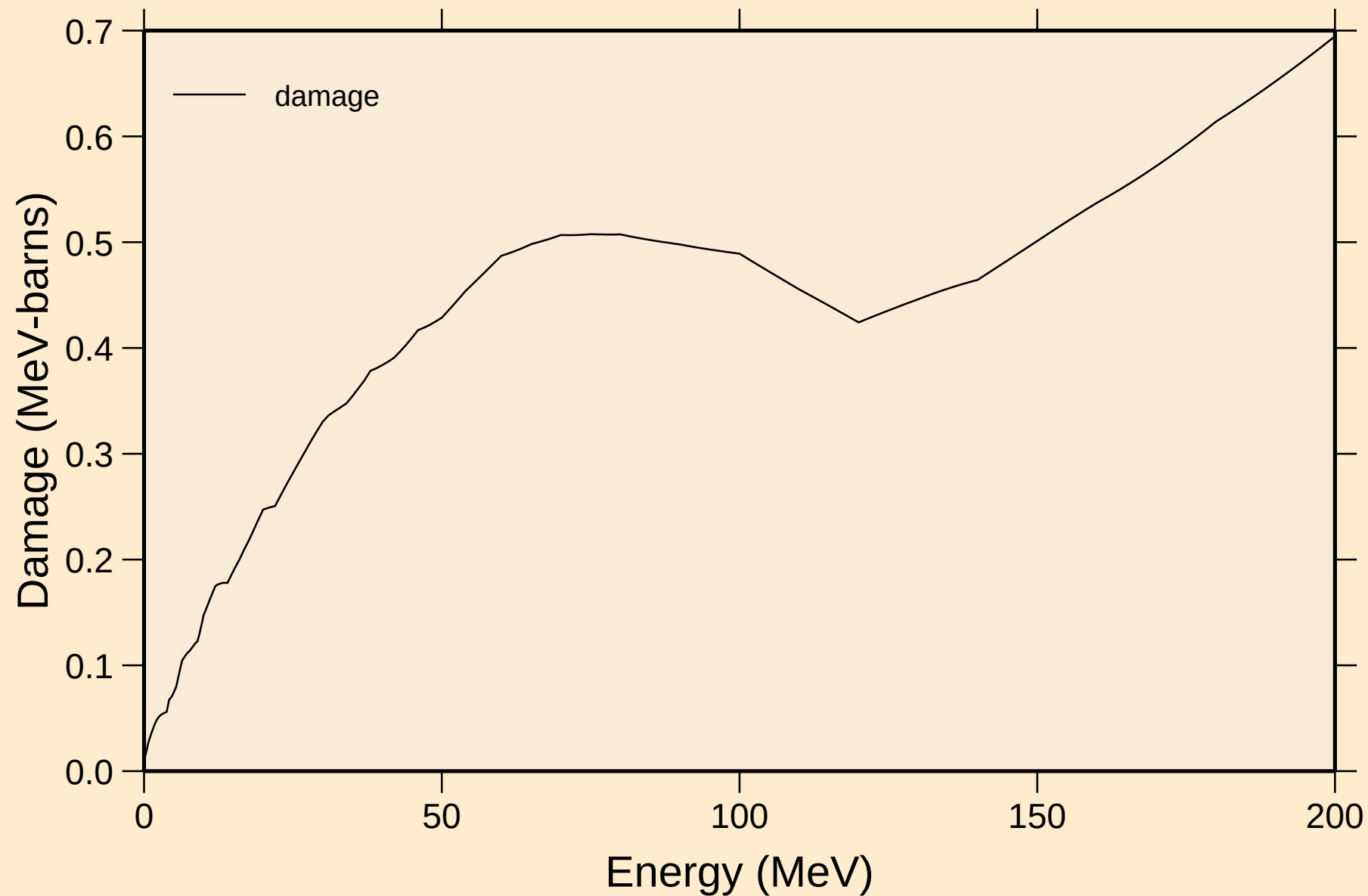
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

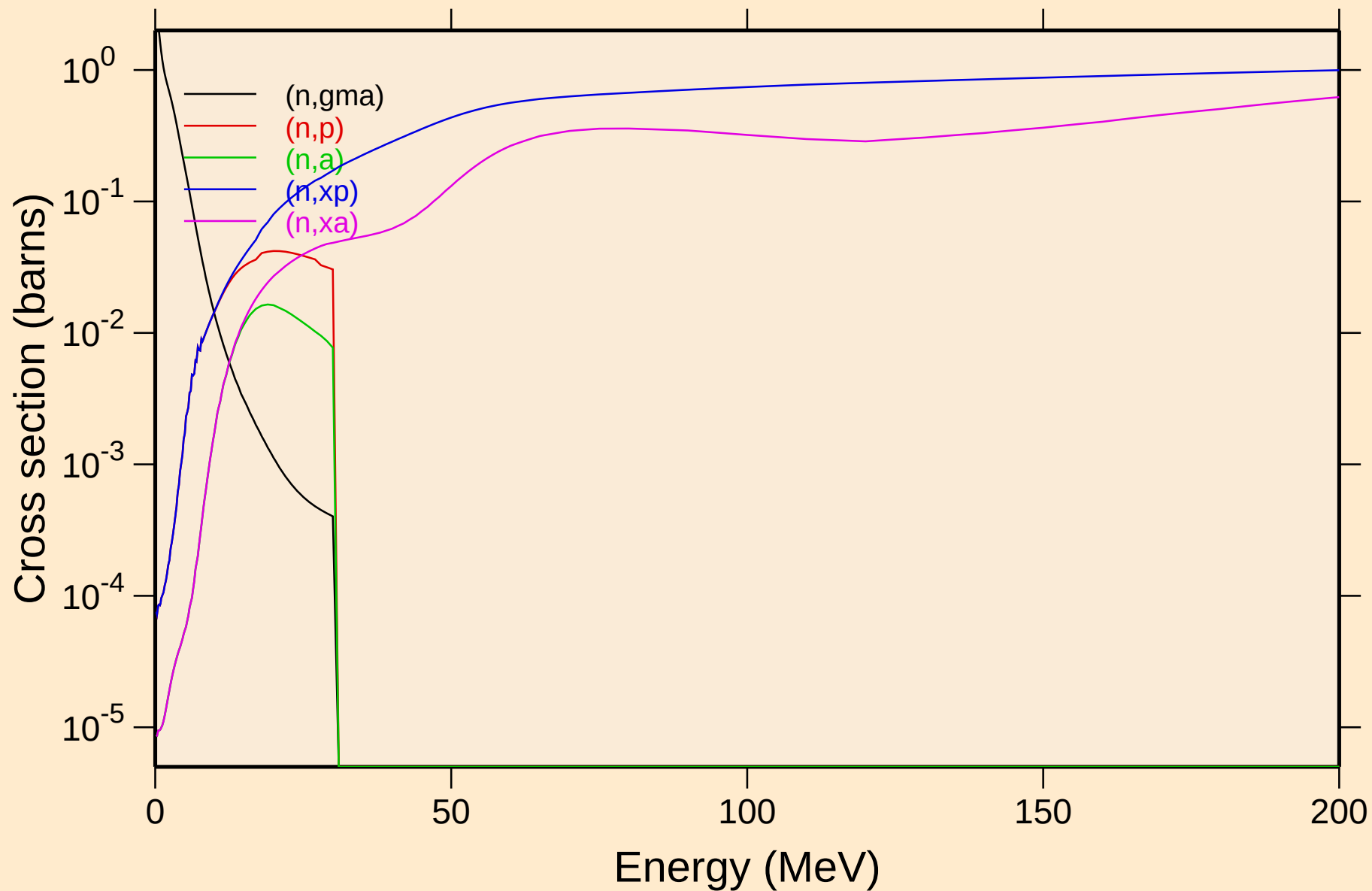


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage

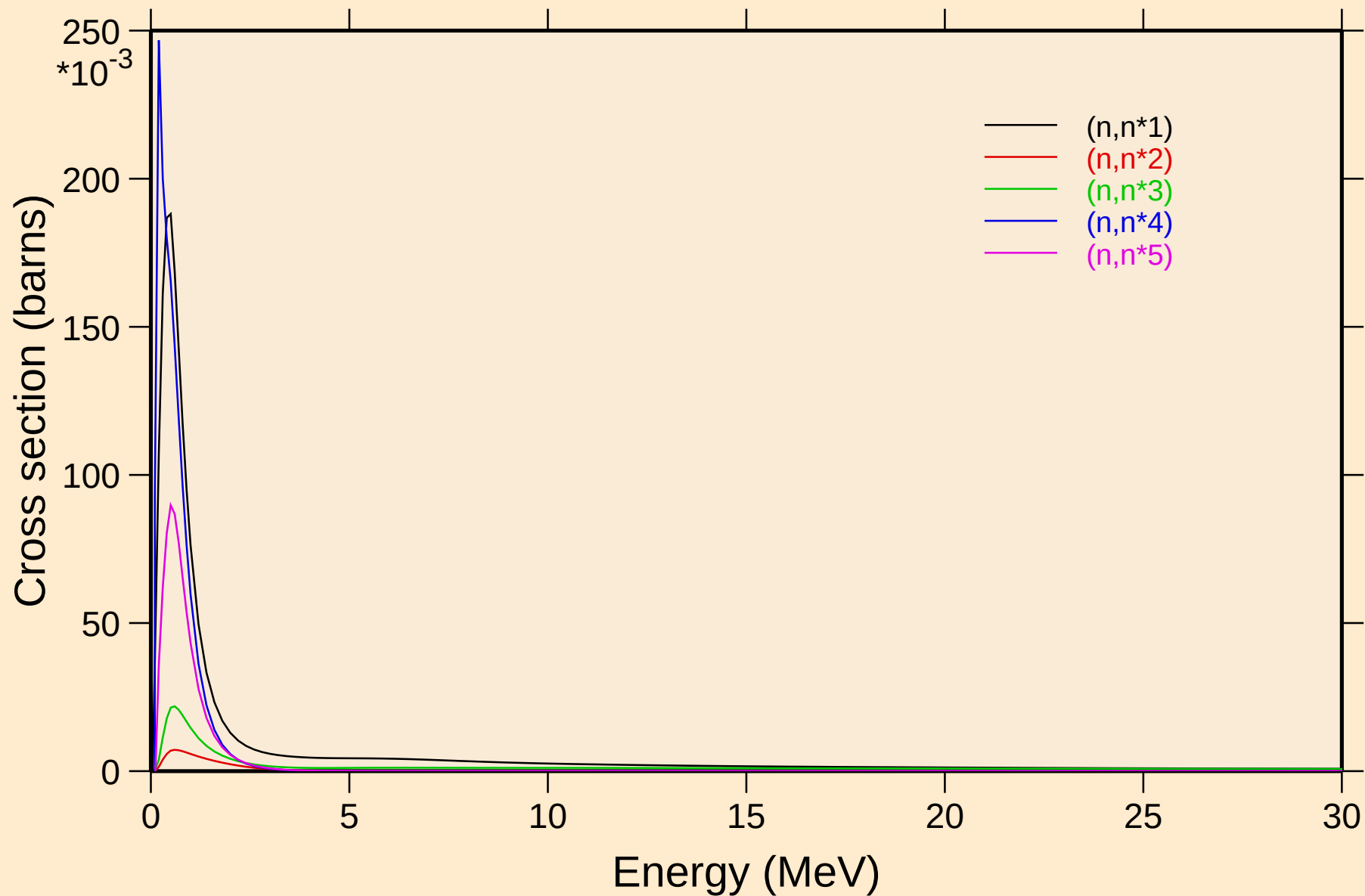


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



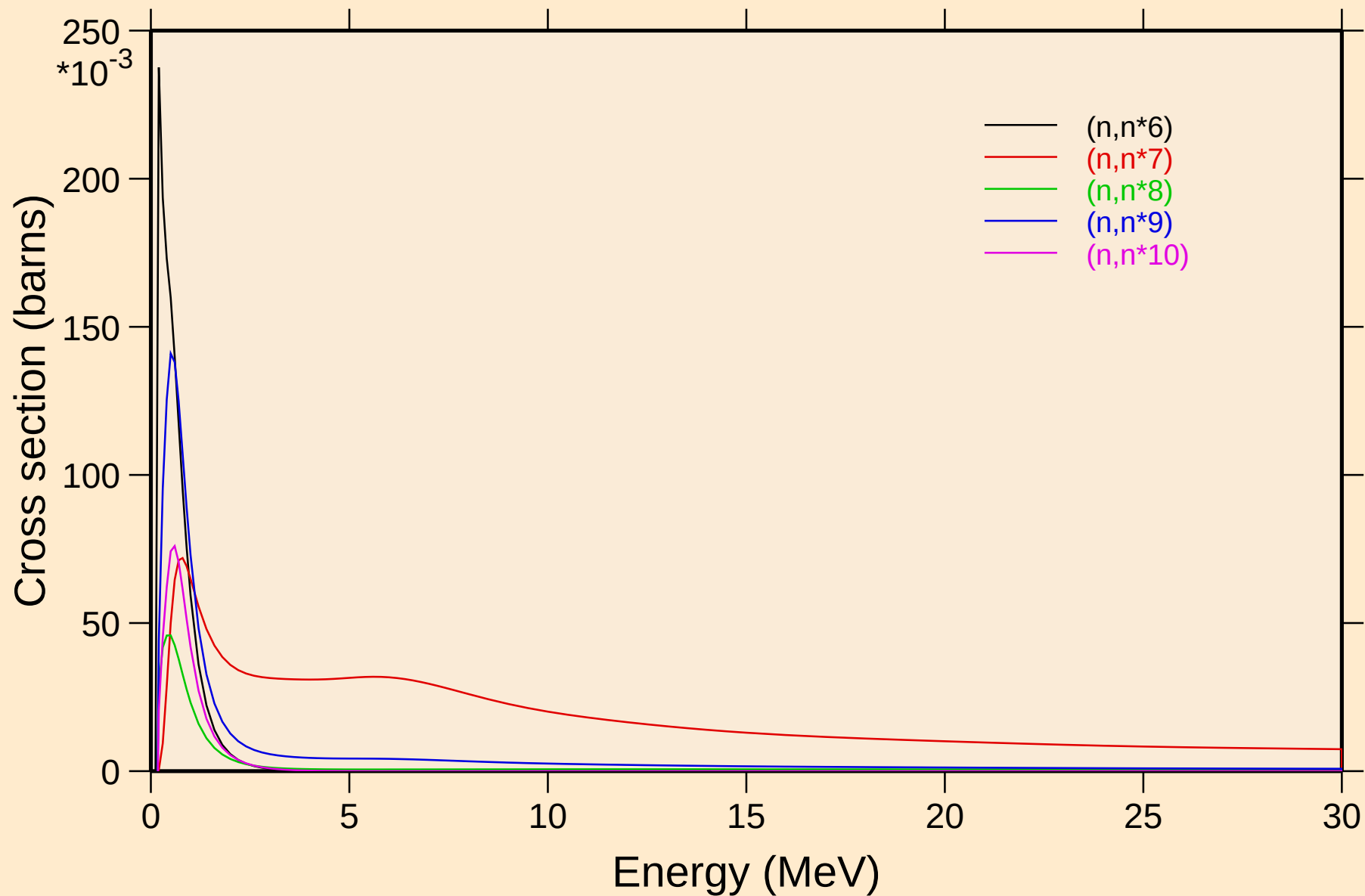
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



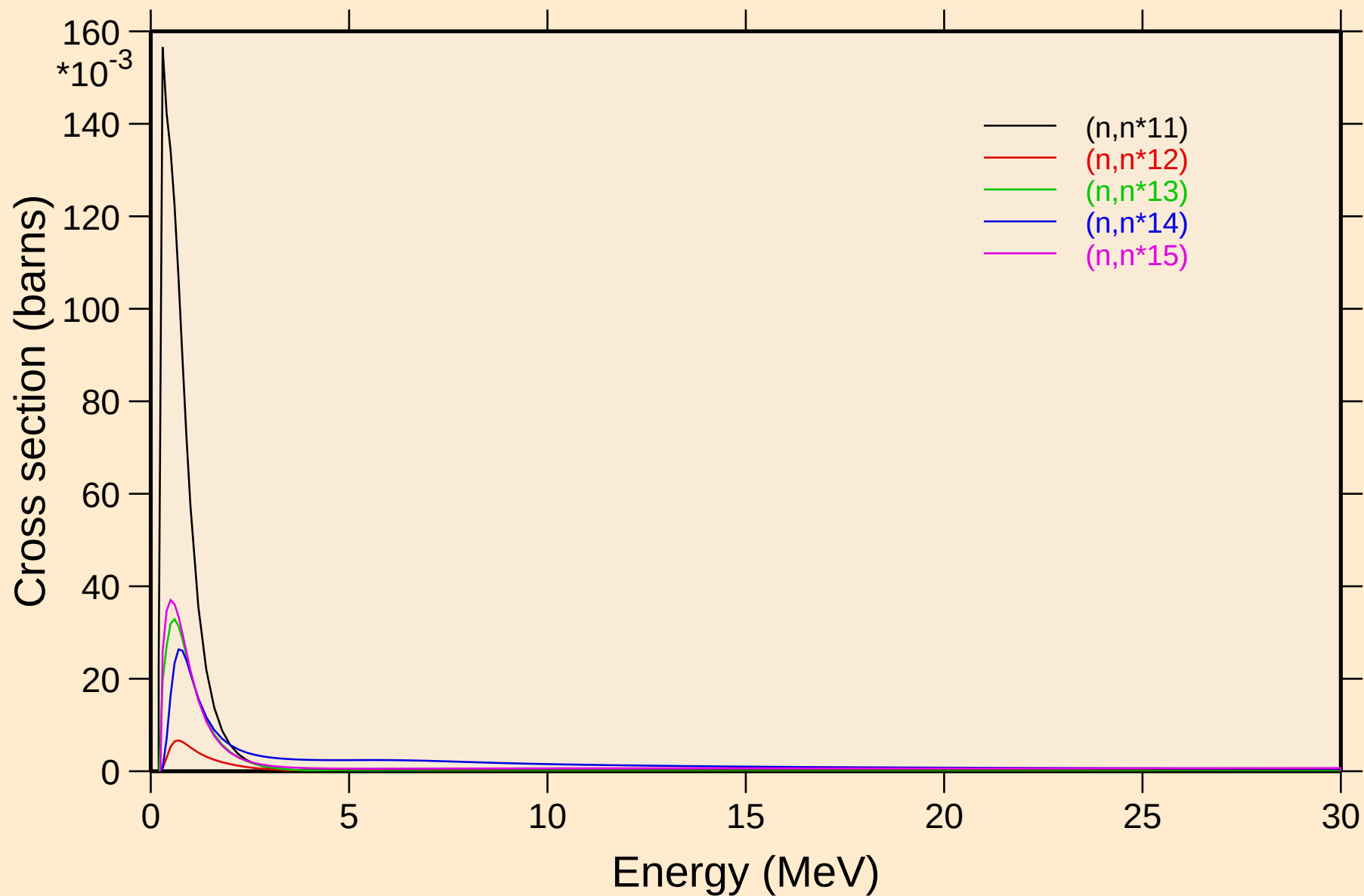
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



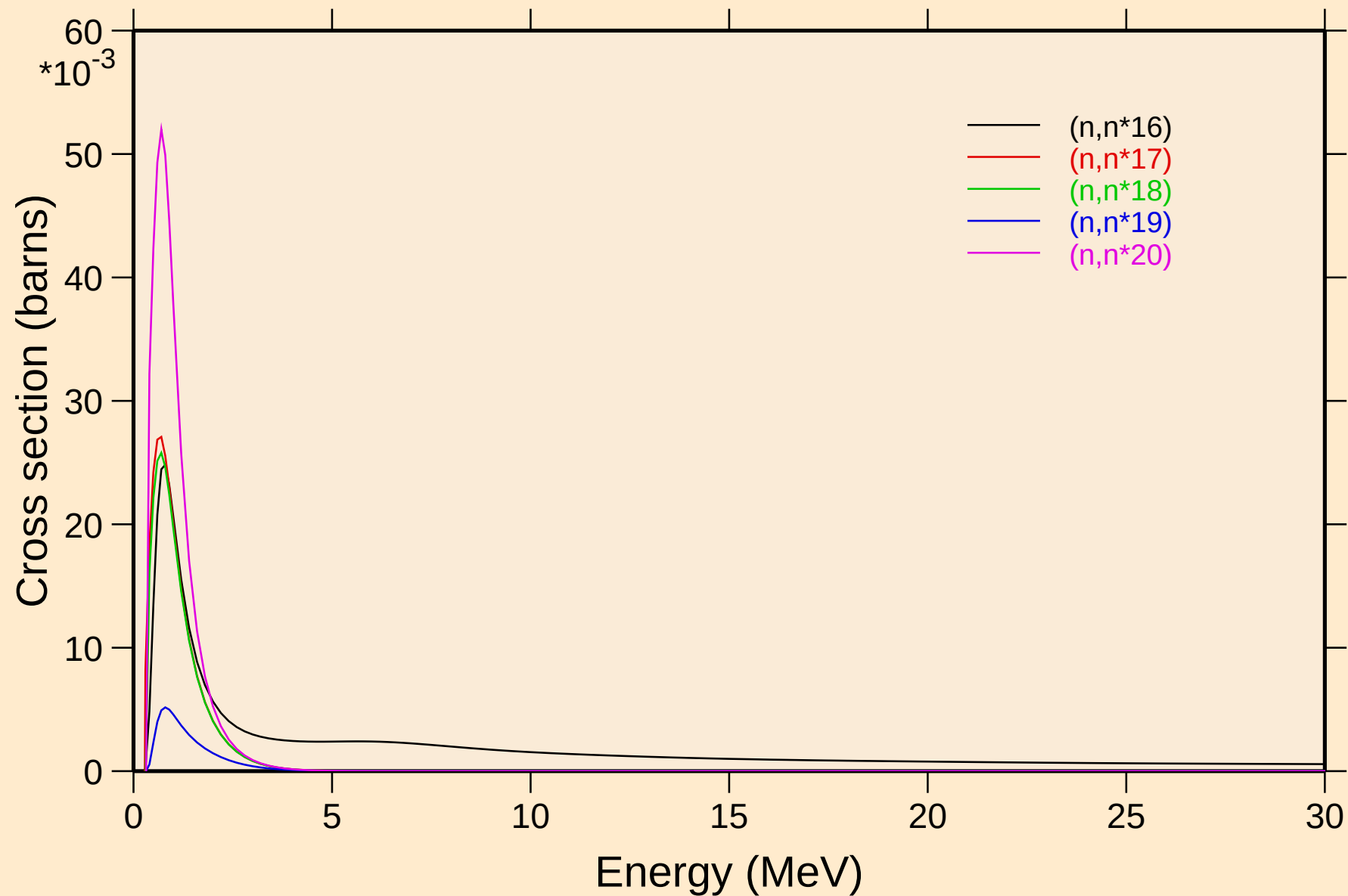
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



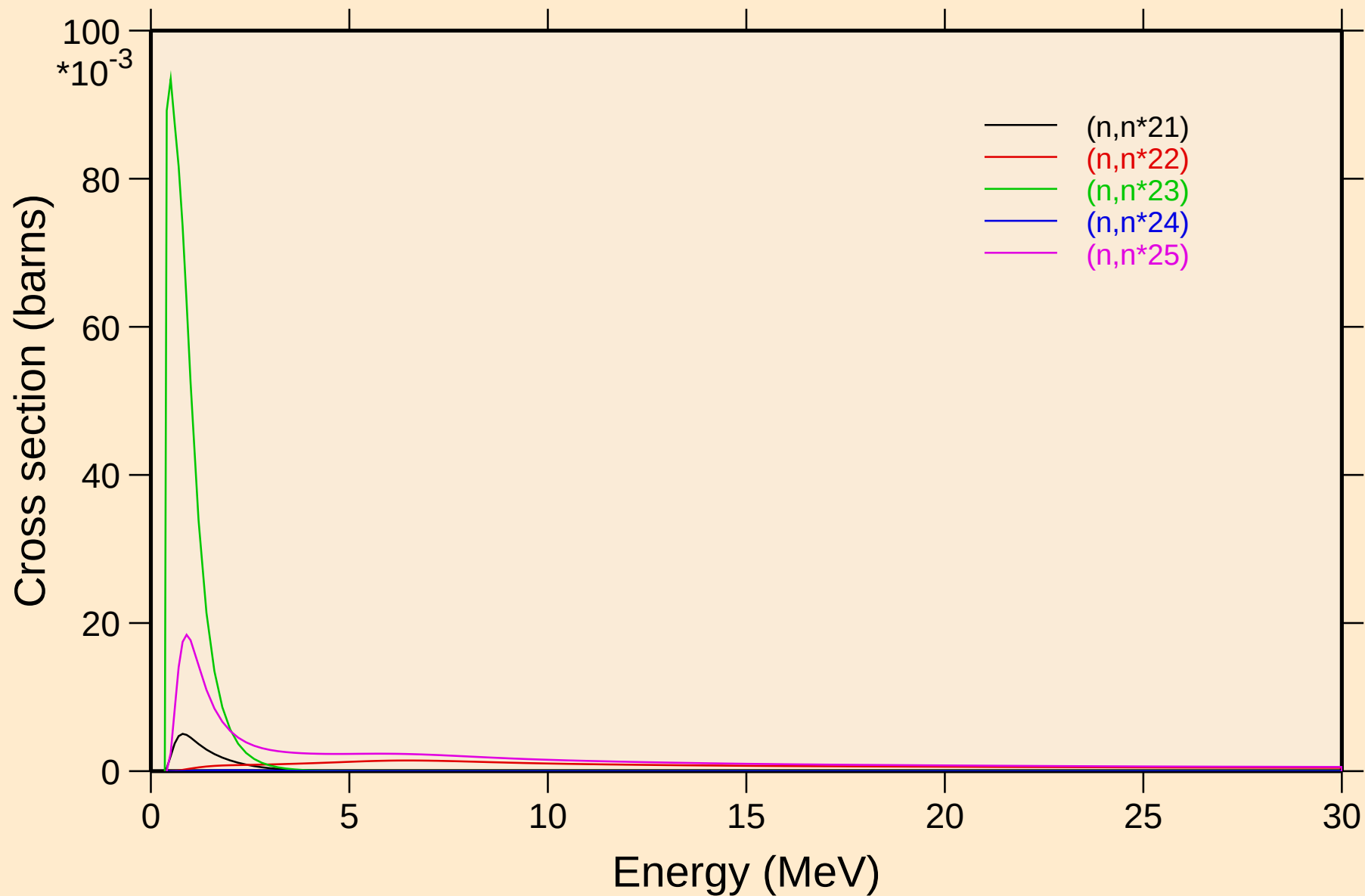
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



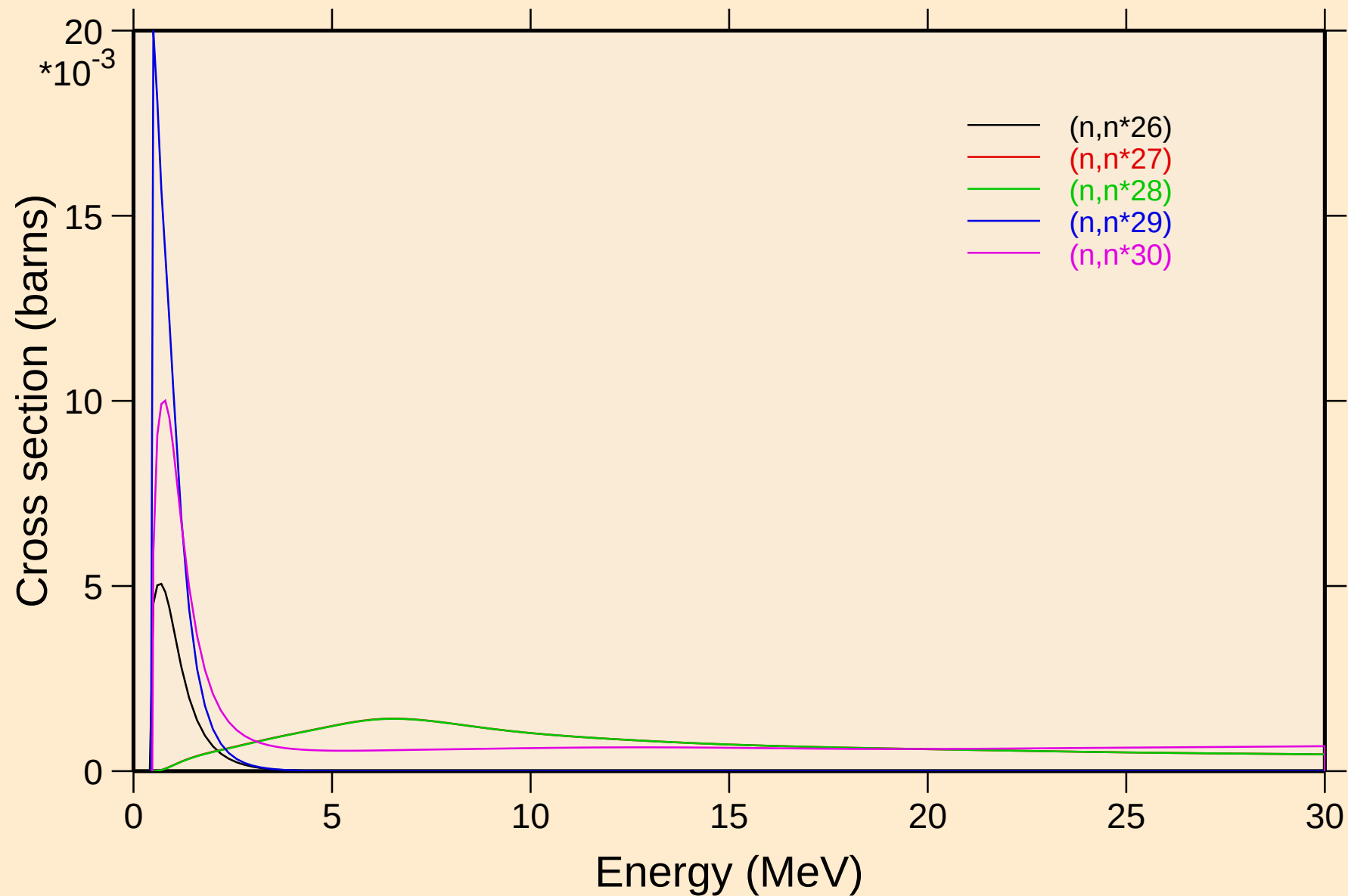
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



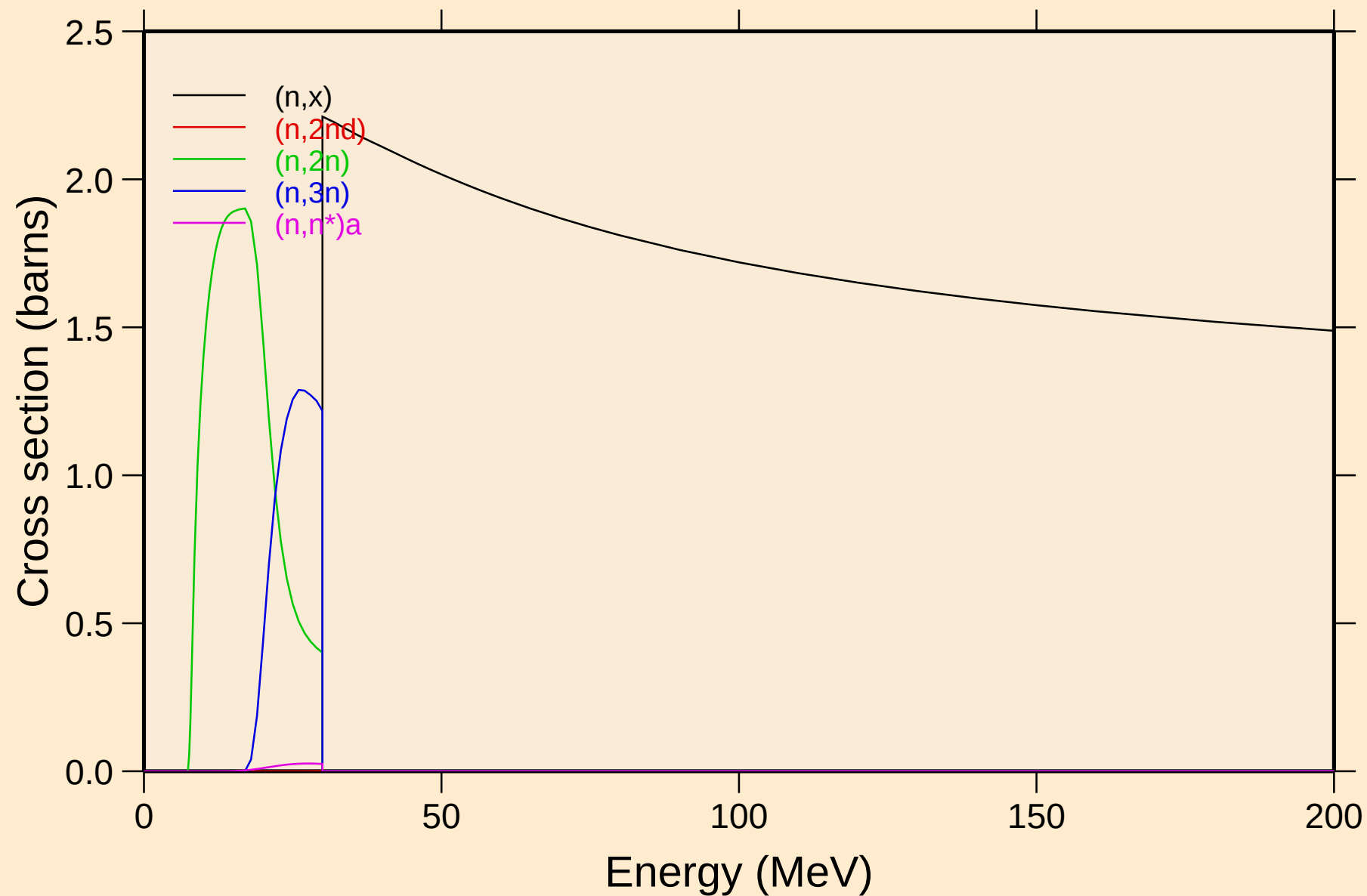
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



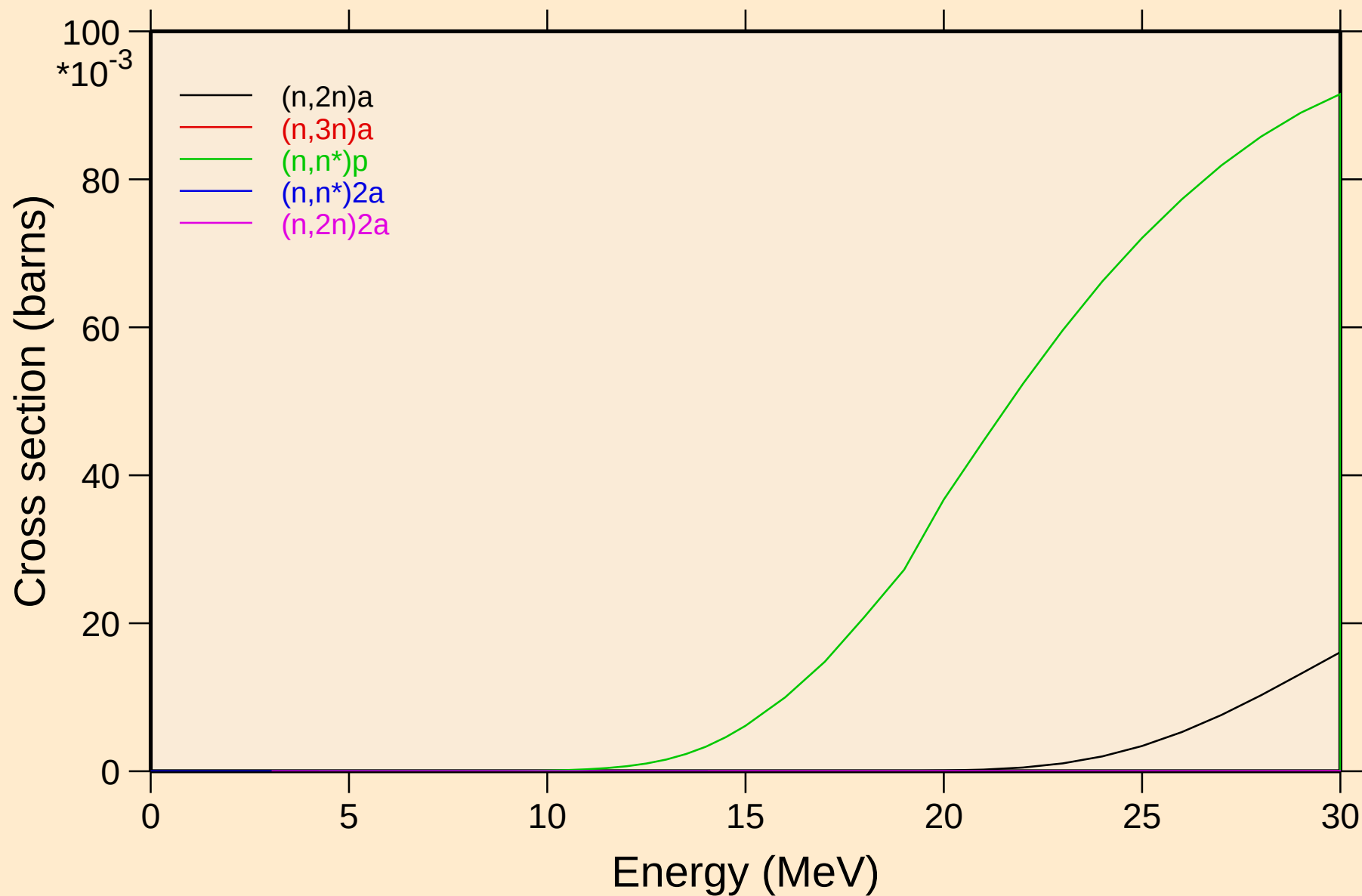
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

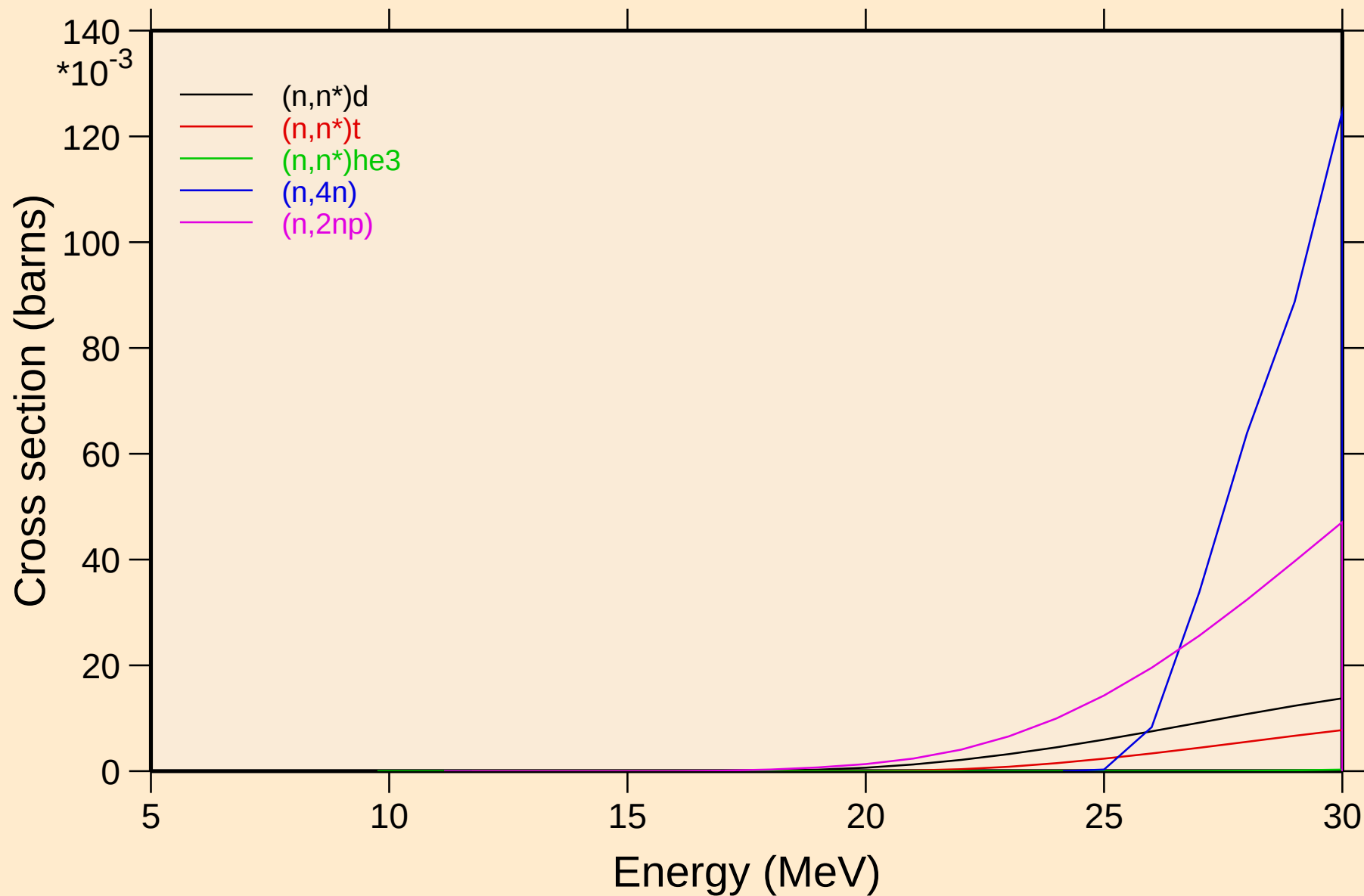


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

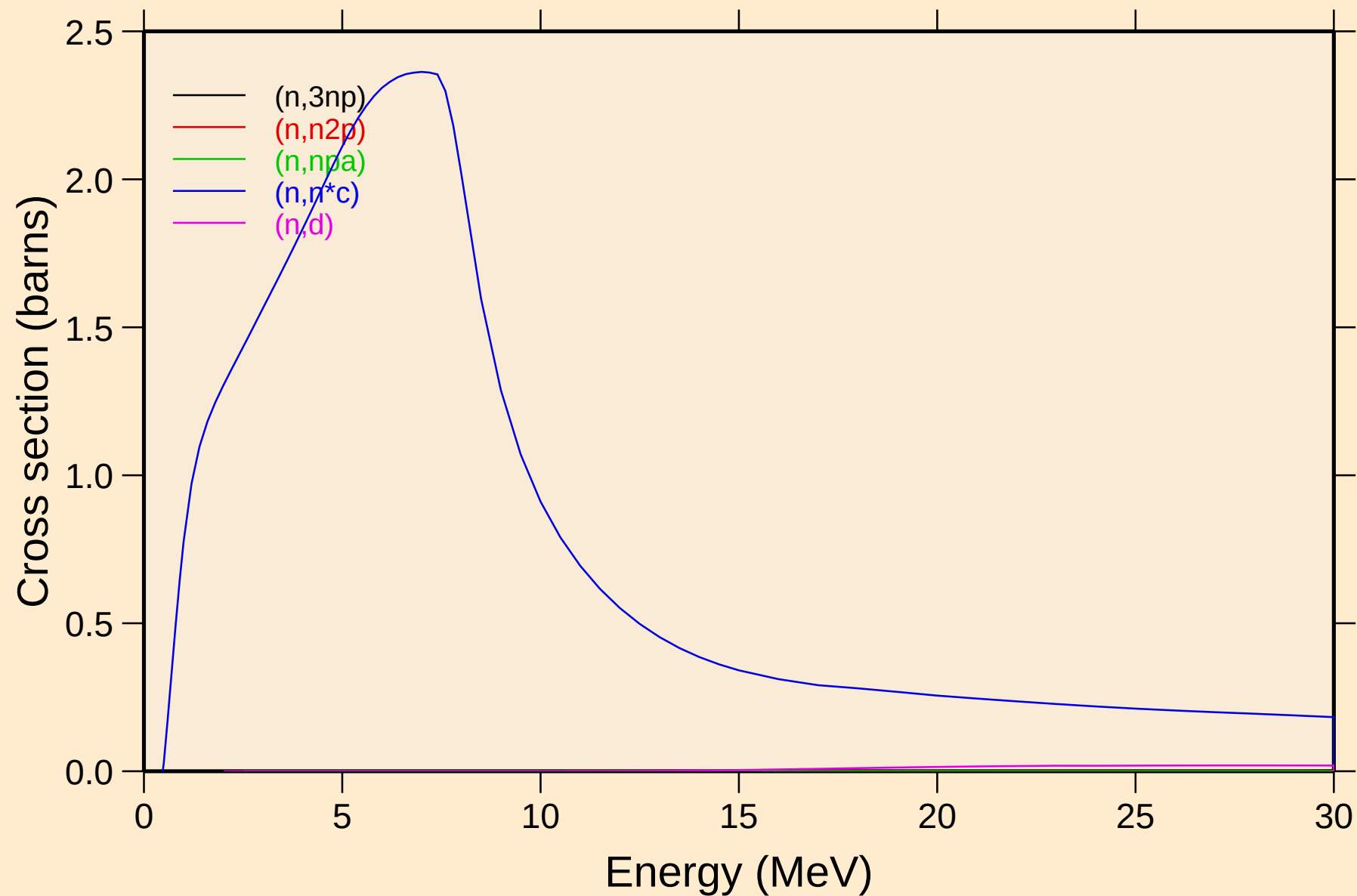


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



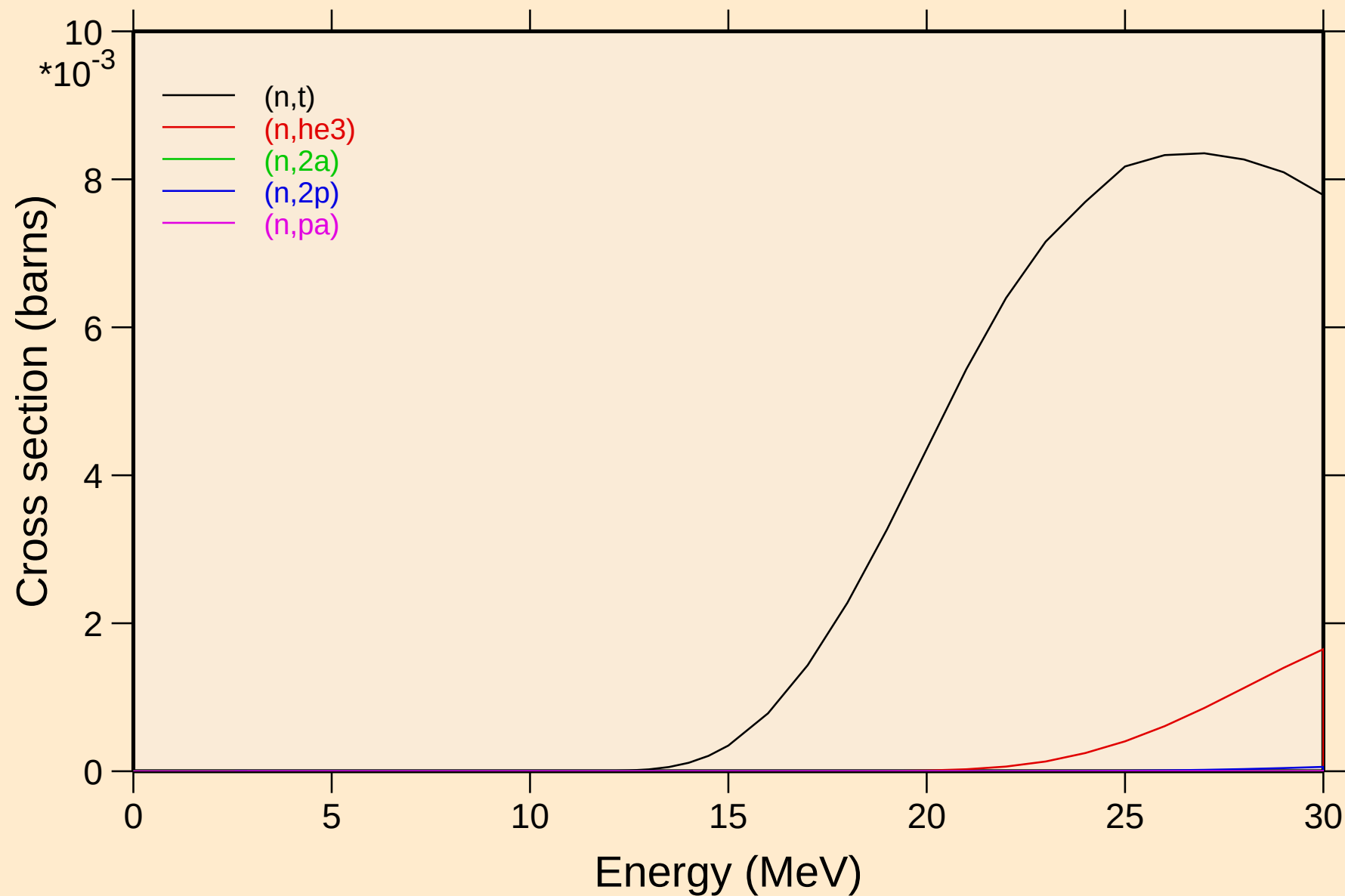
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

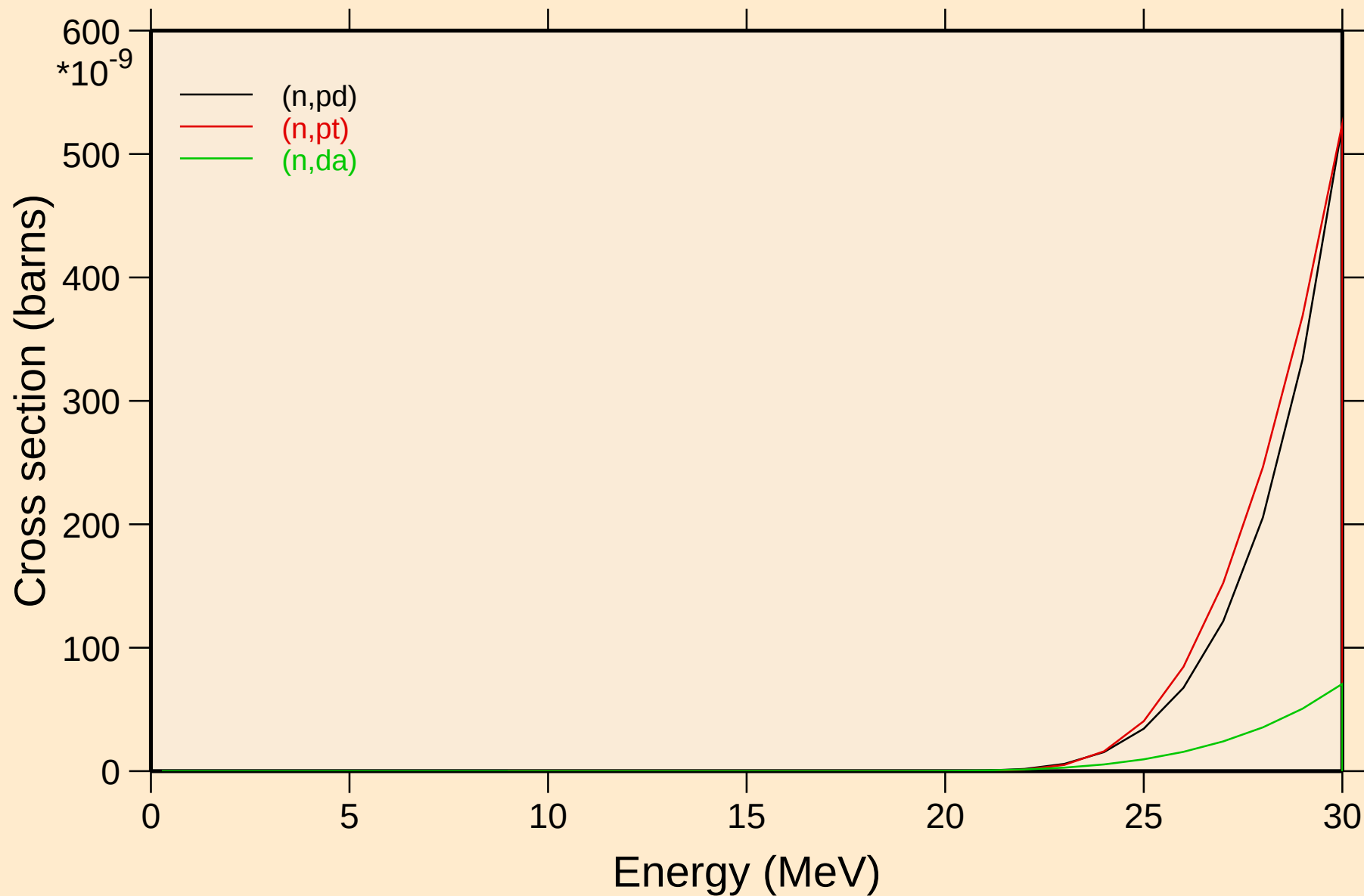


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

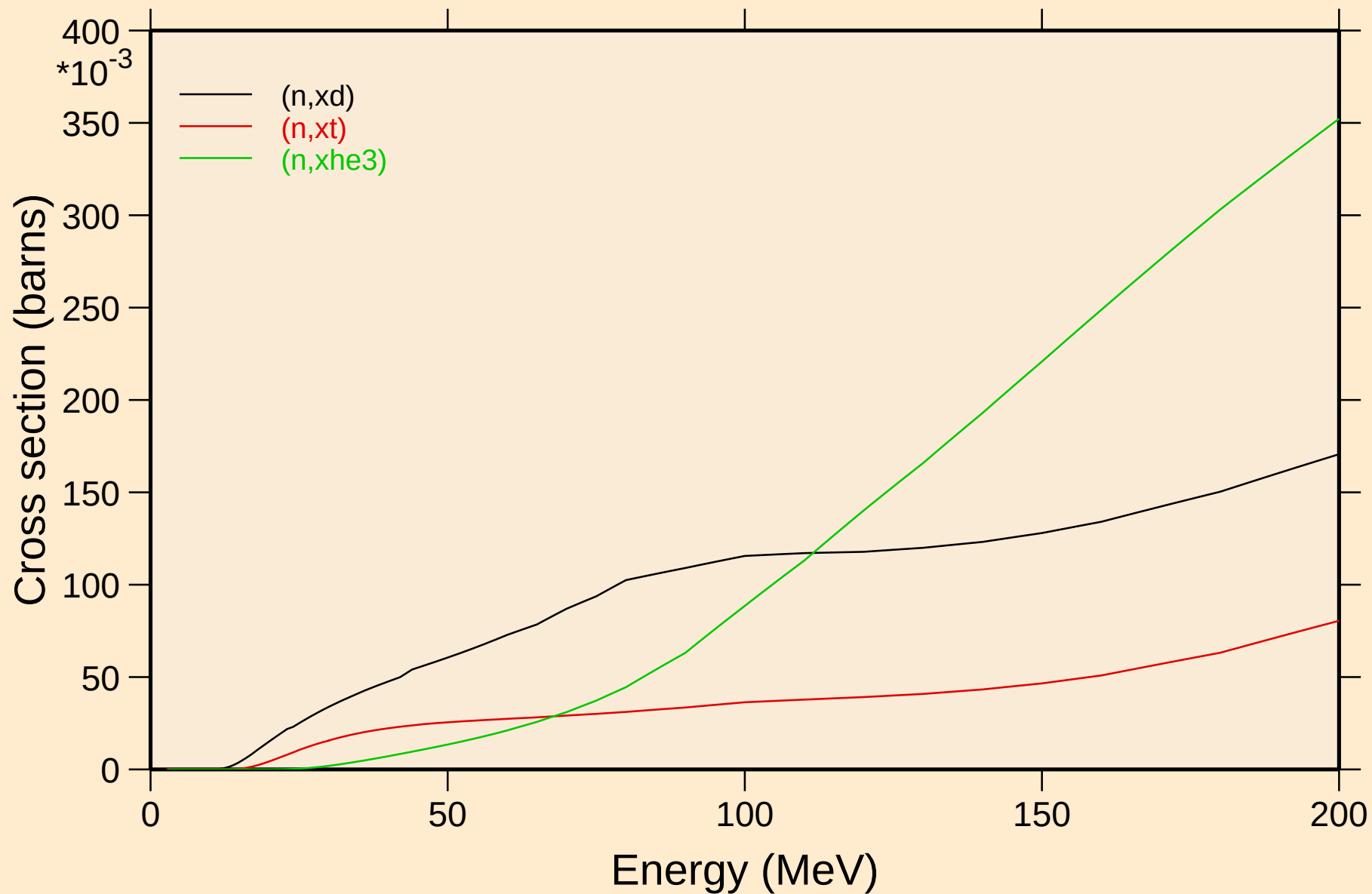
Threshold reactions



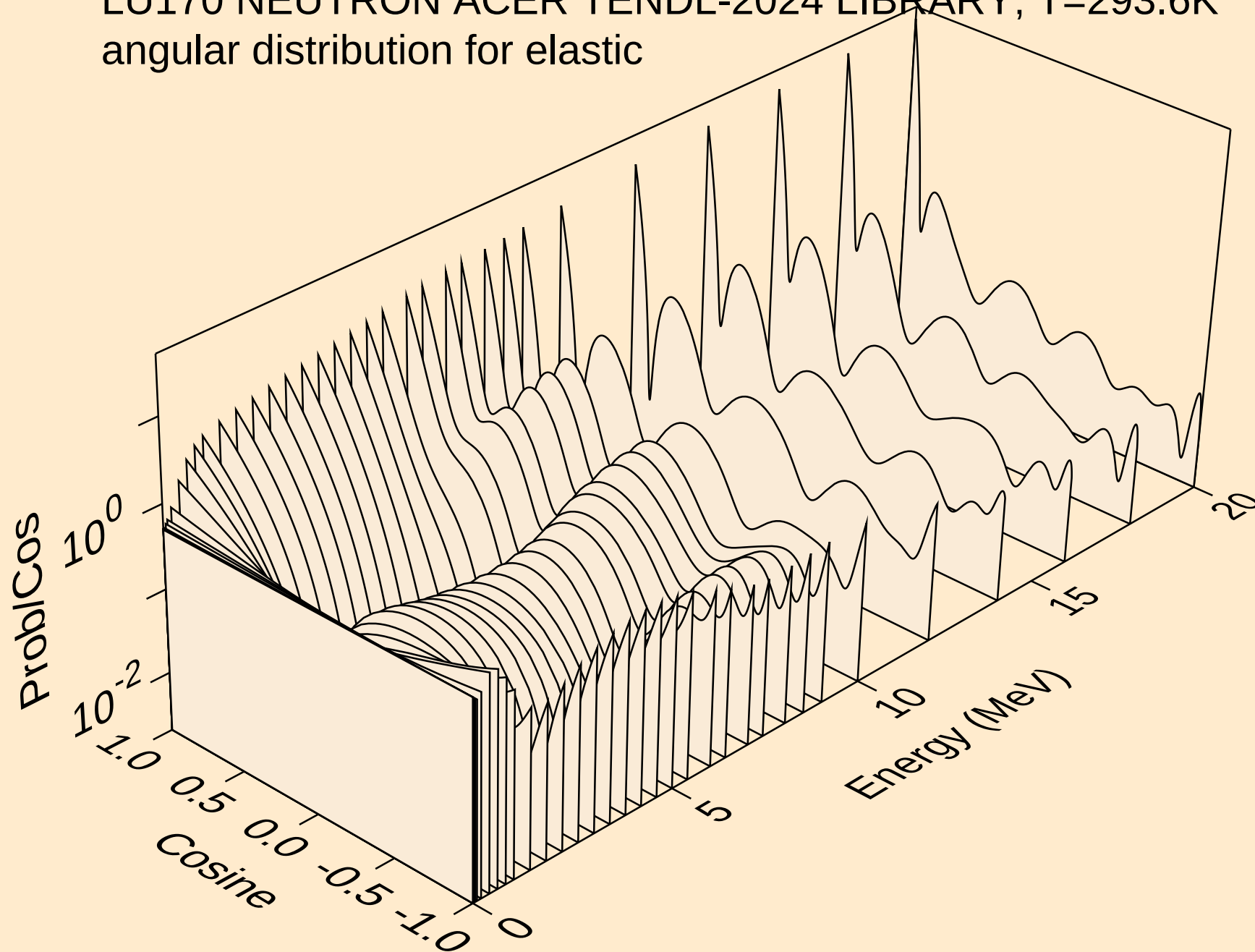
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



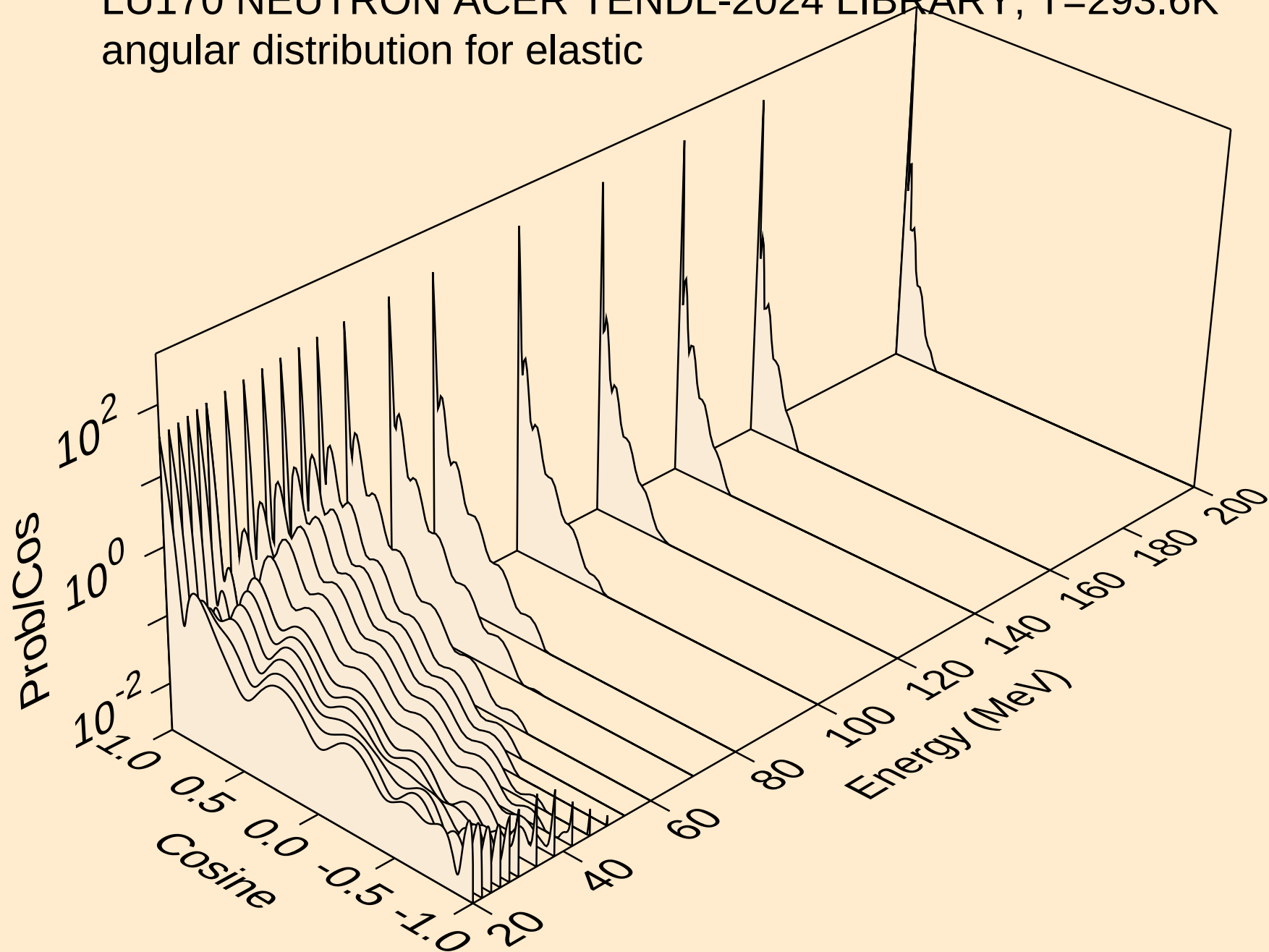
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



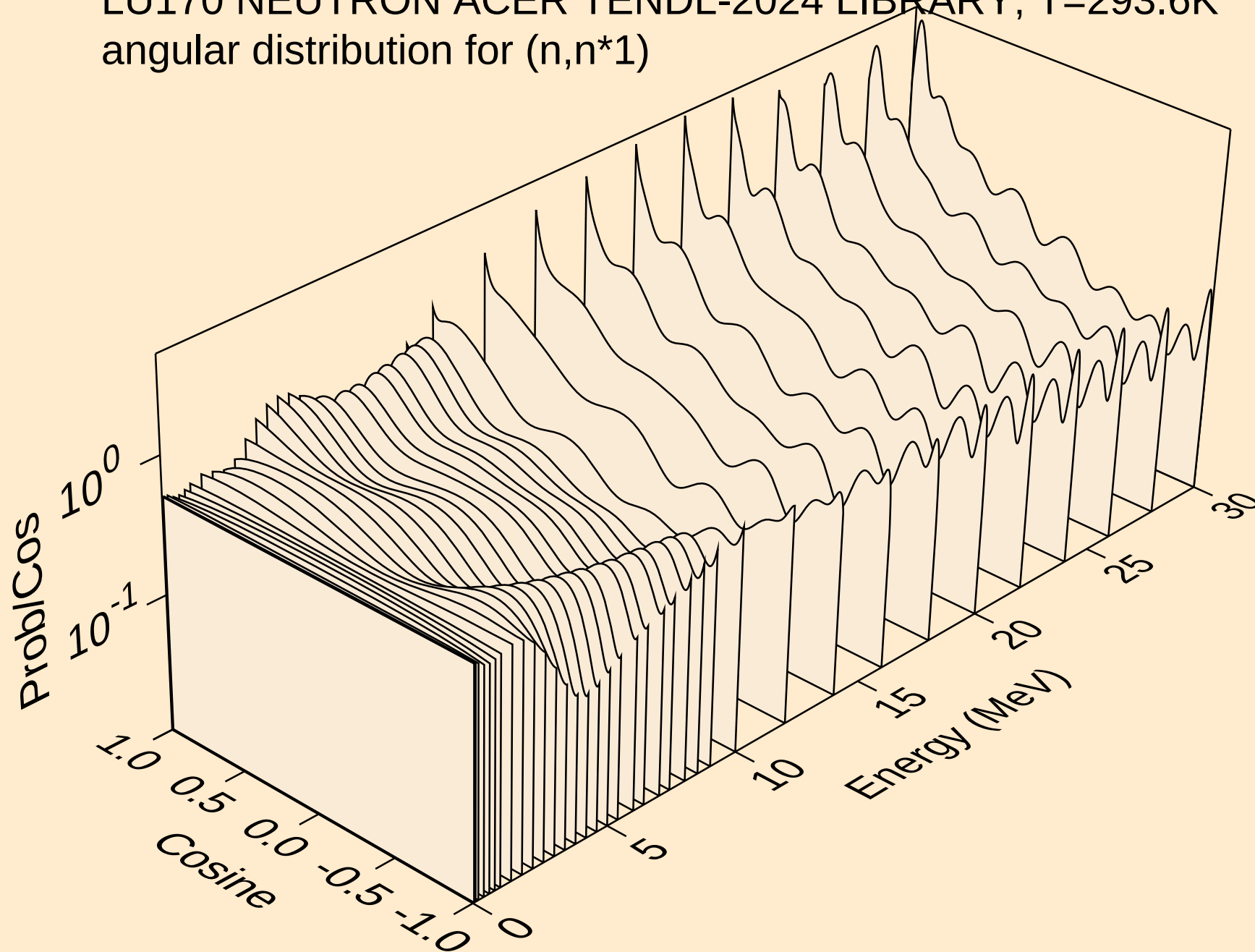
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



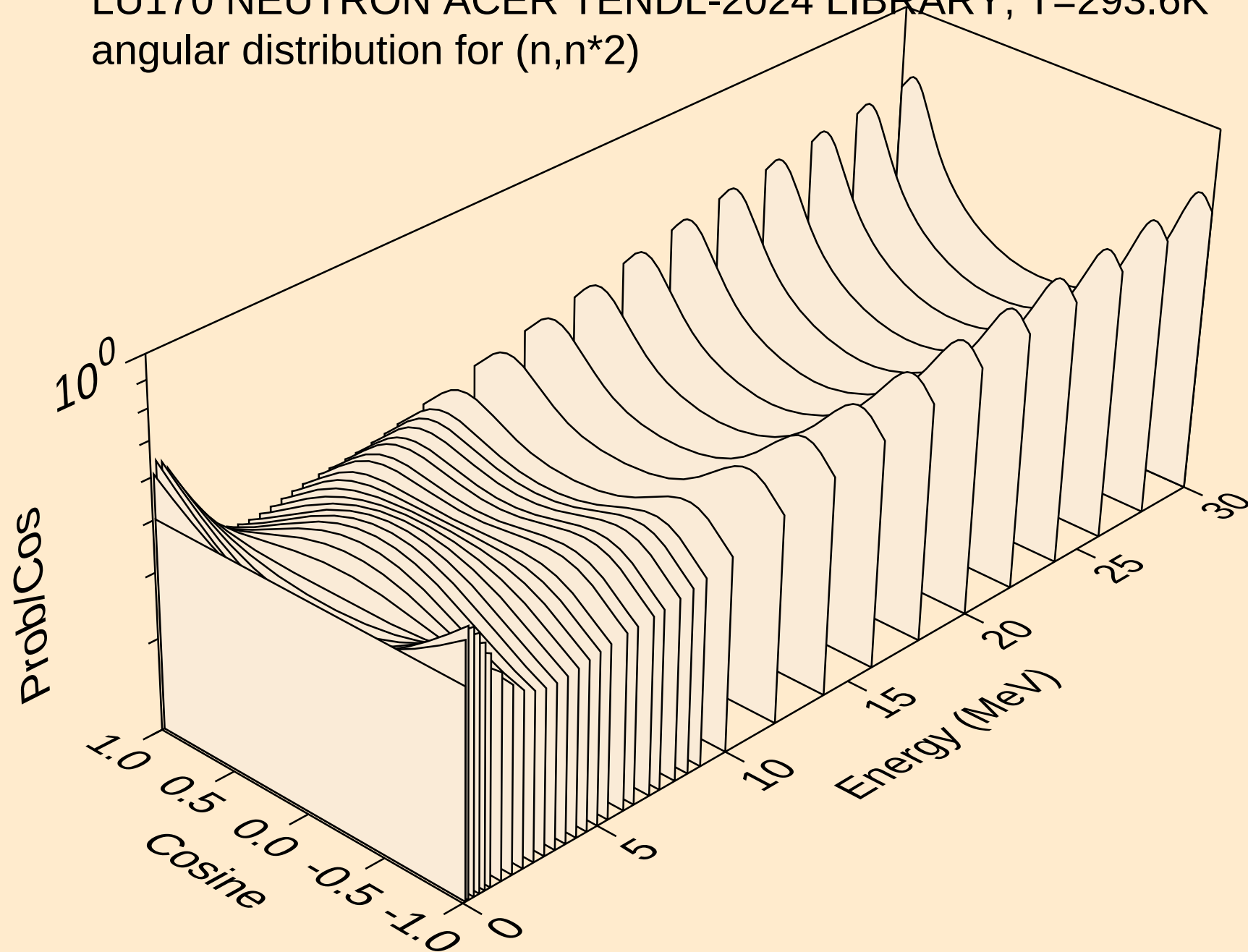
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



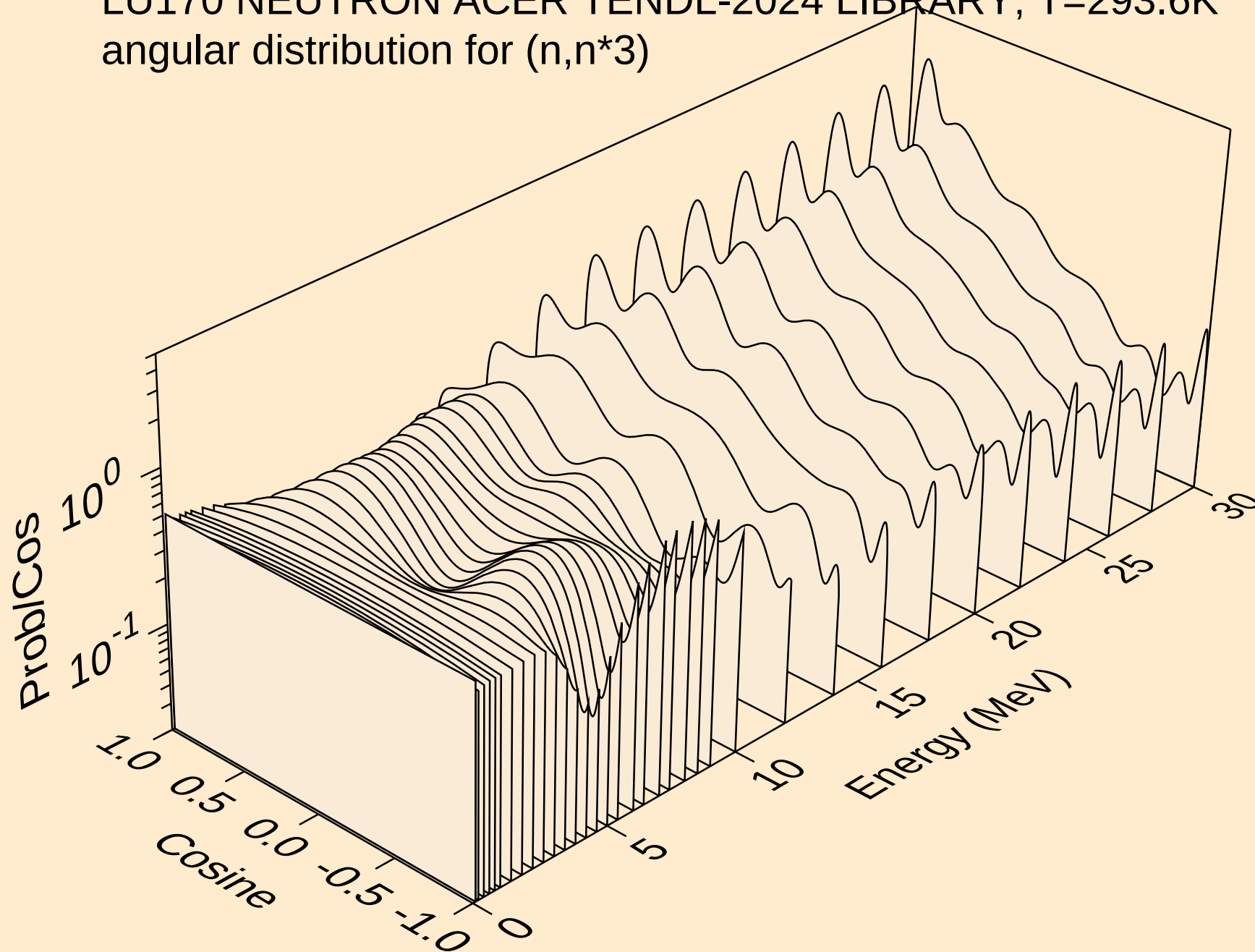
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



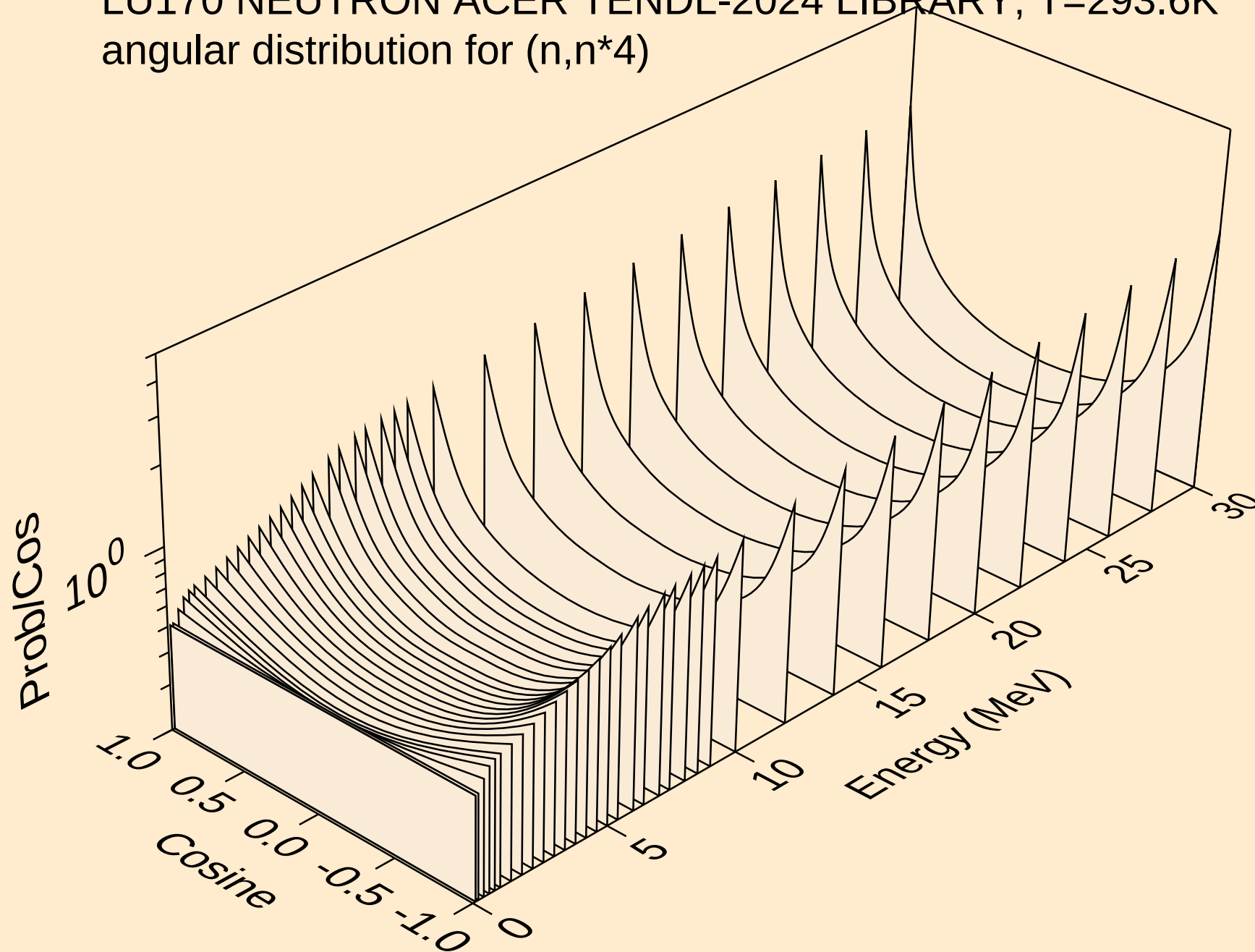
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



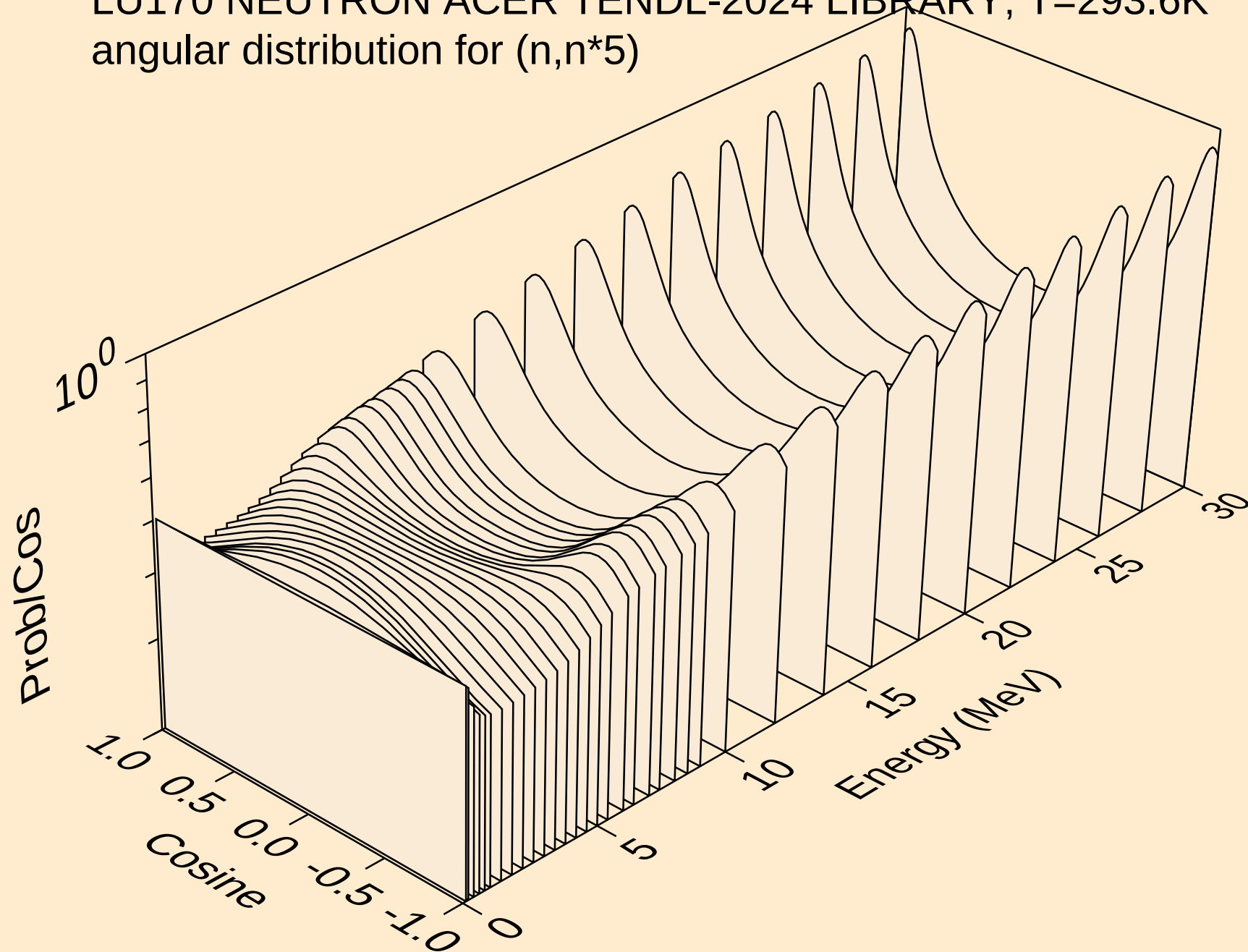
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



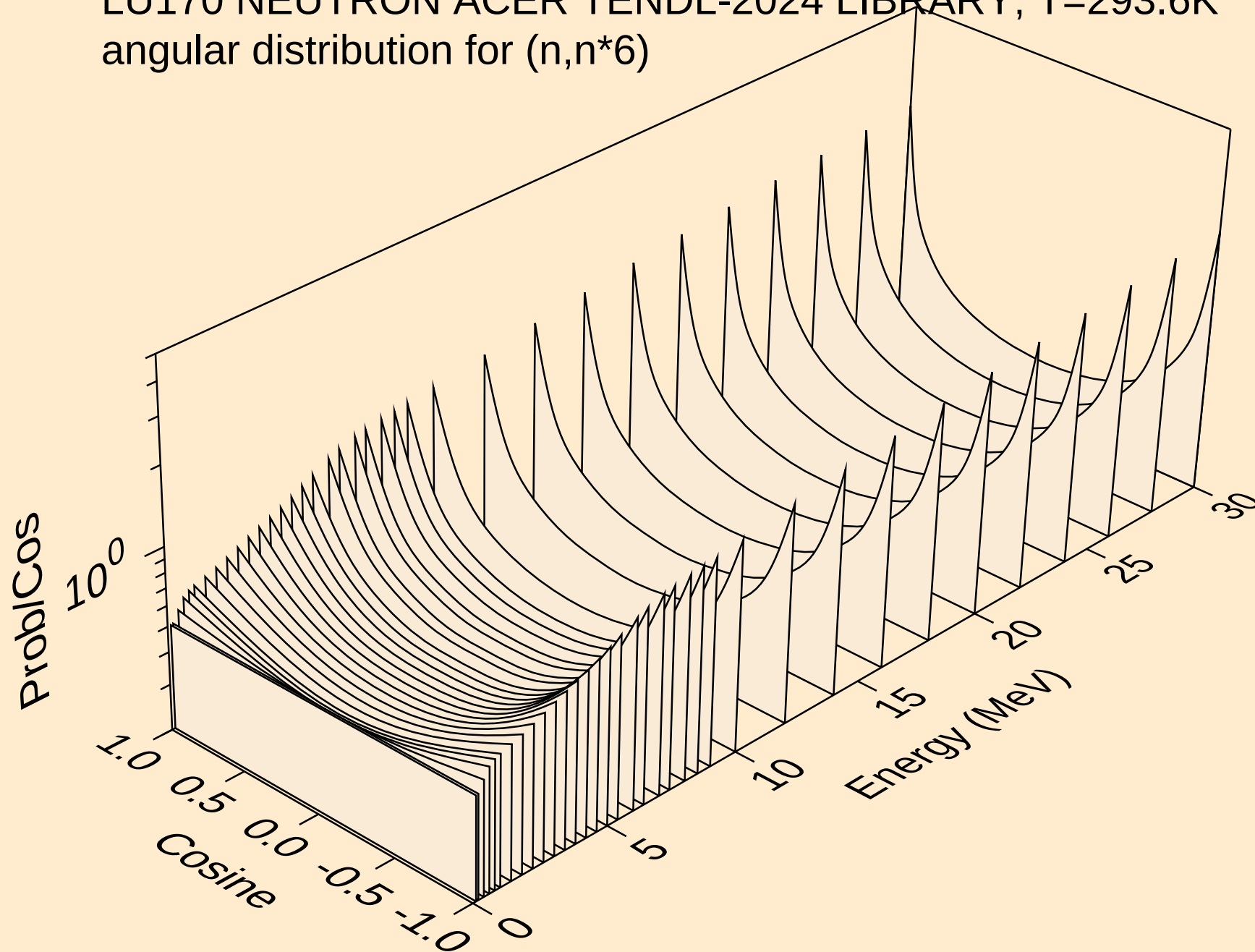
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



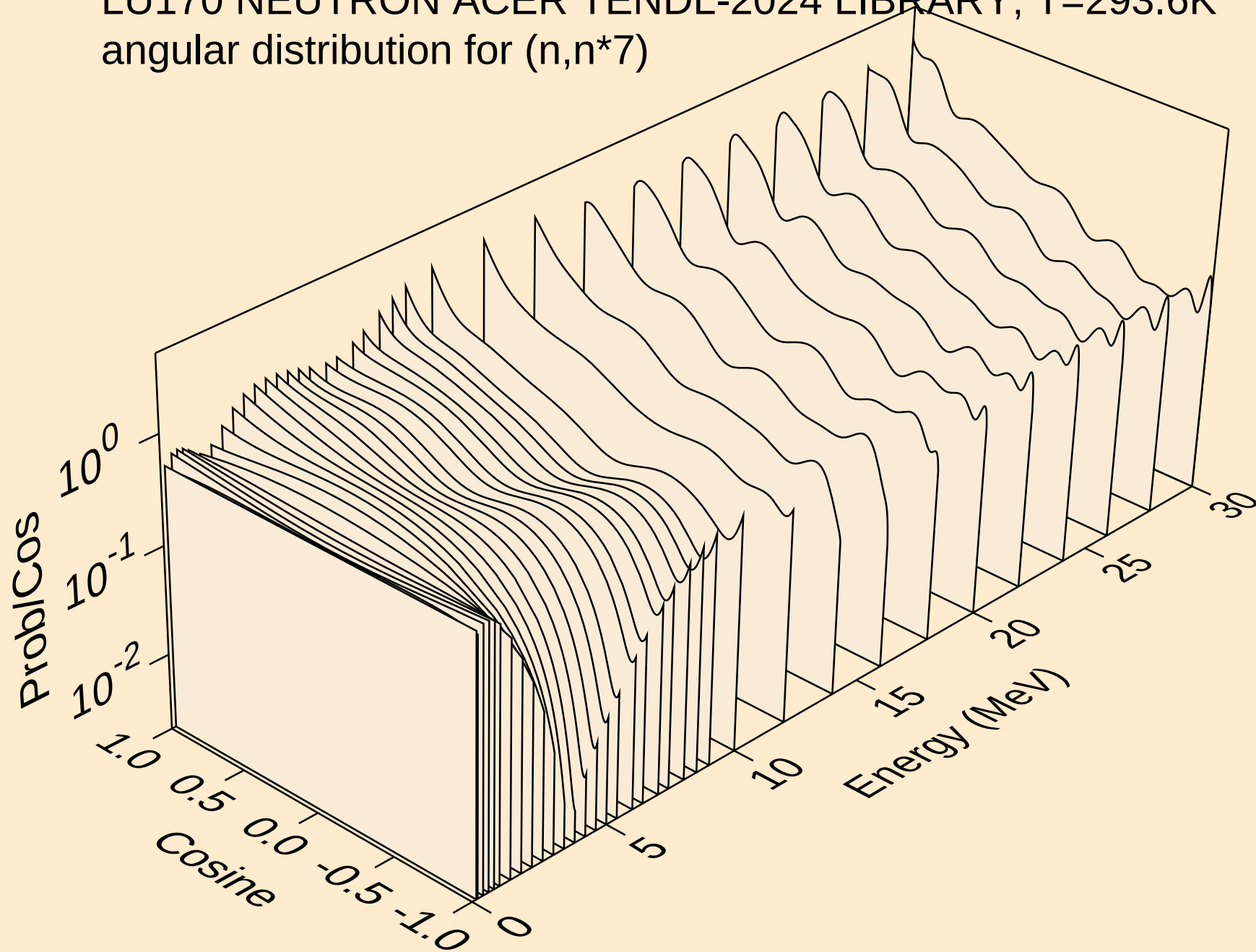
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



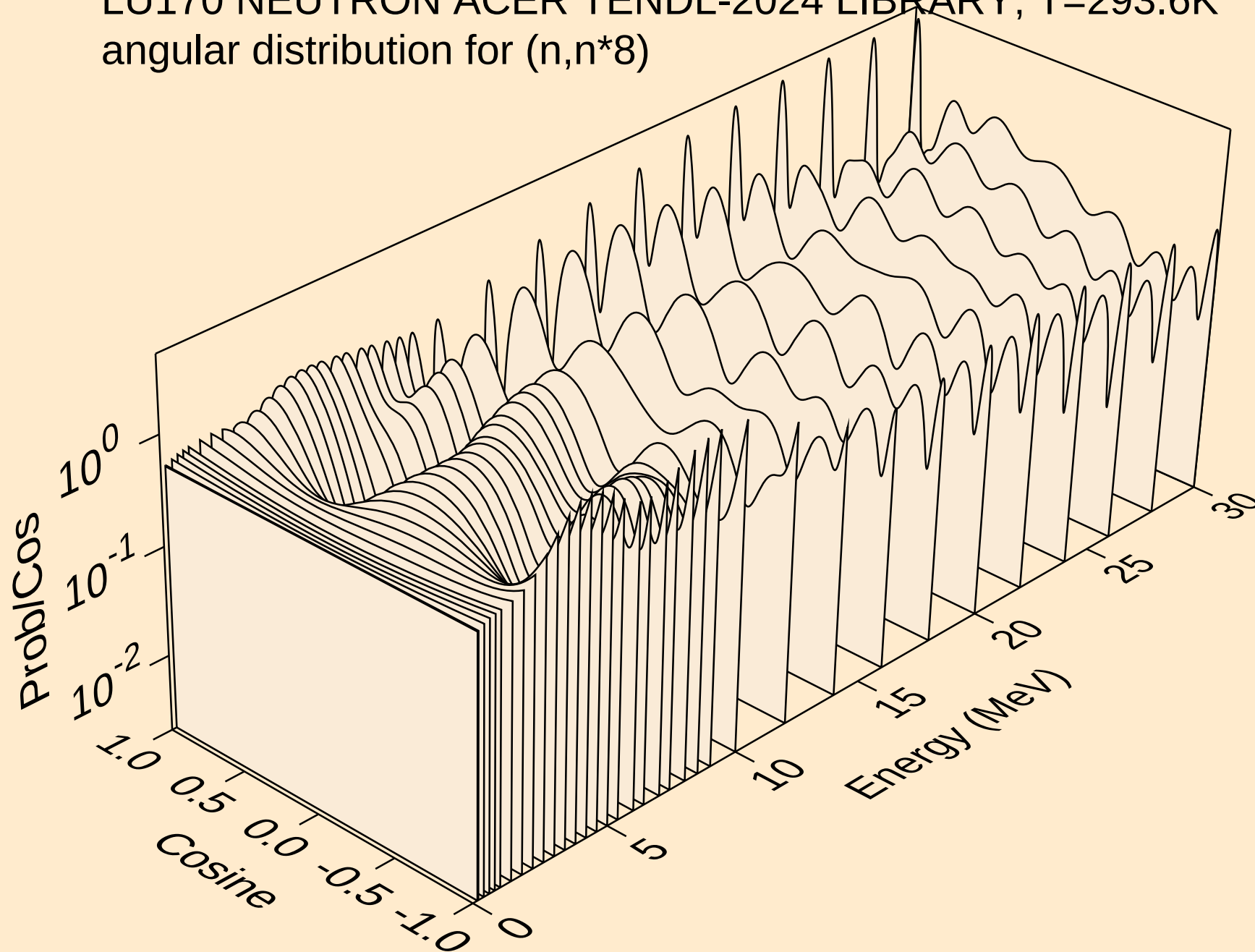
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



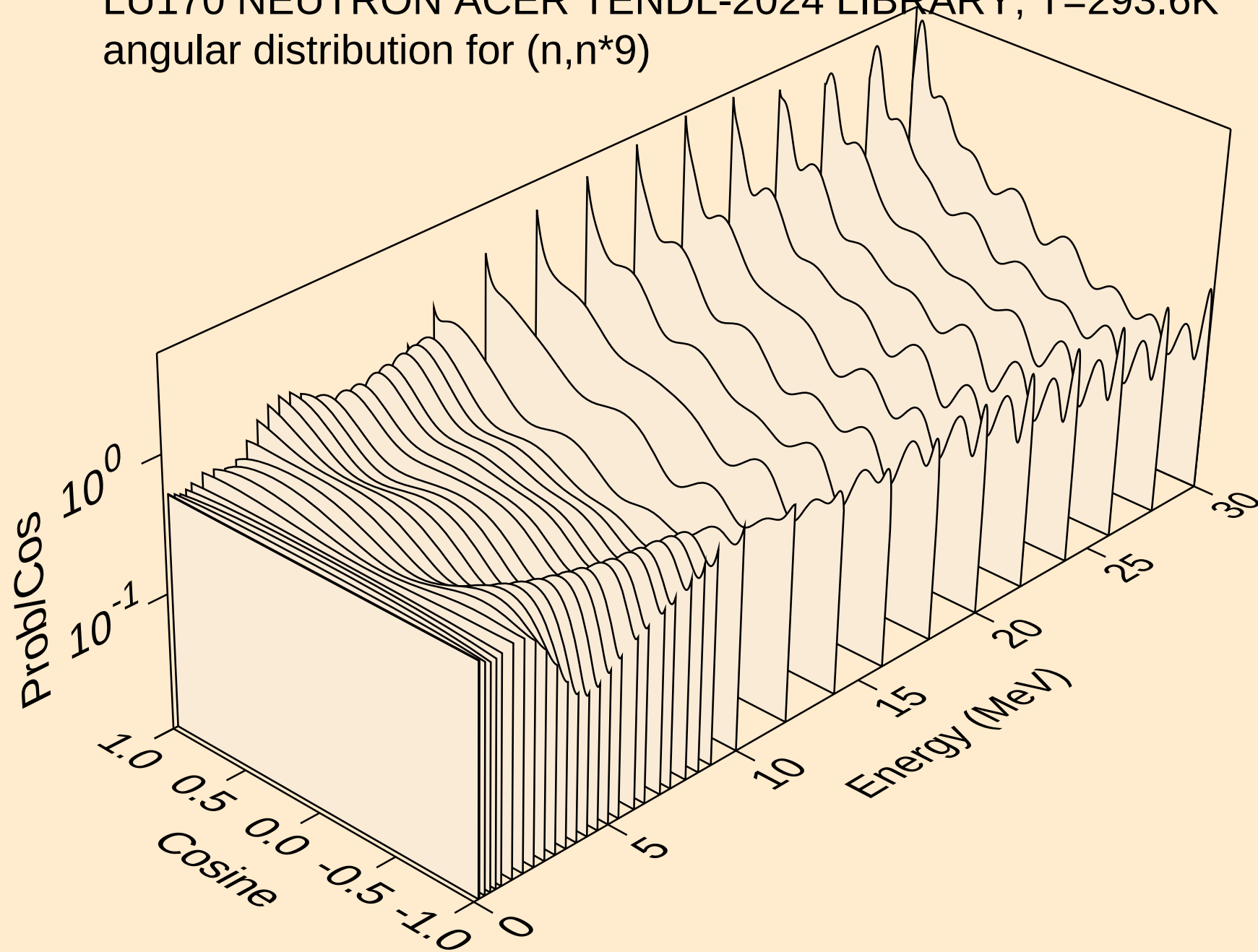
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*7)



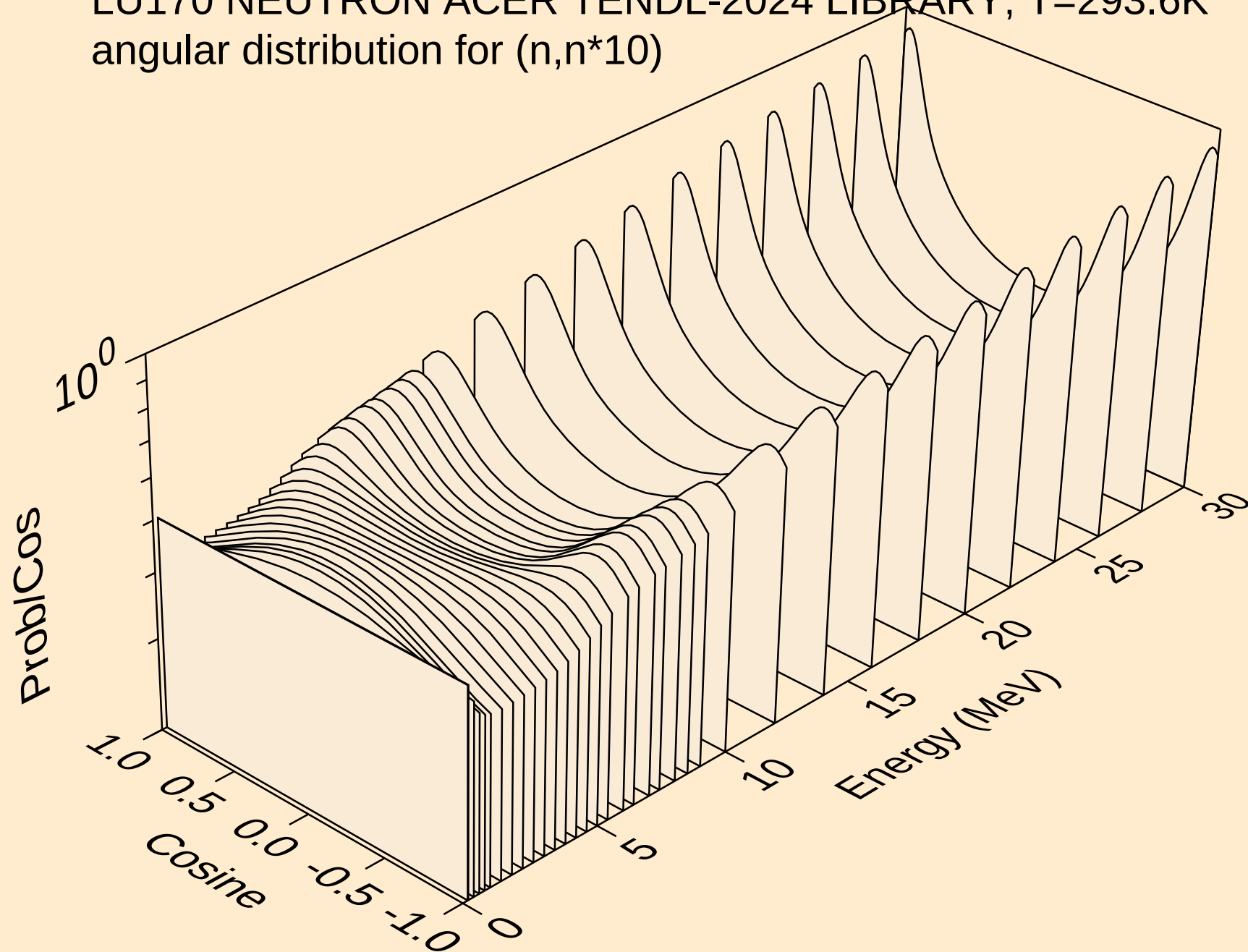
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*8)



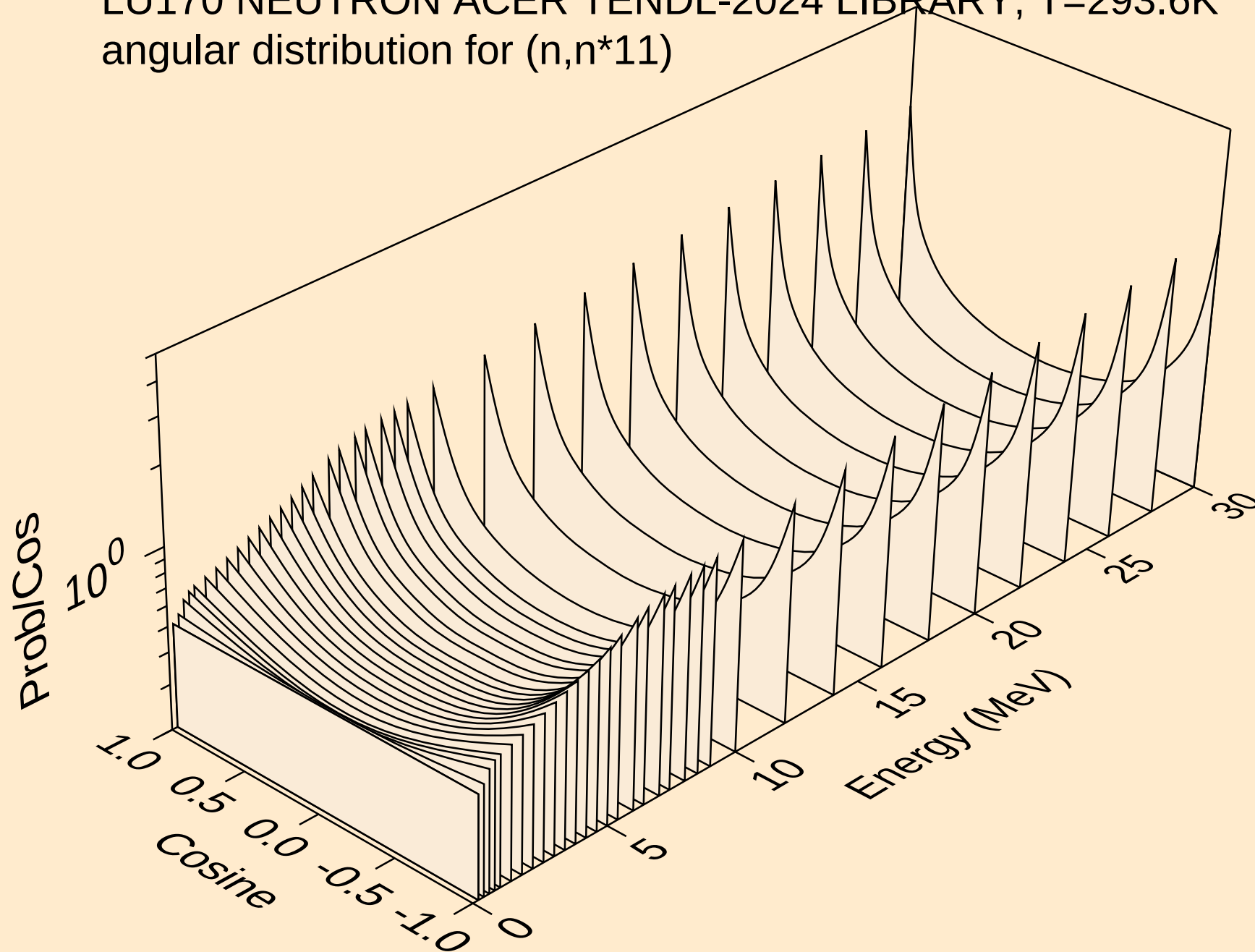
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*9)



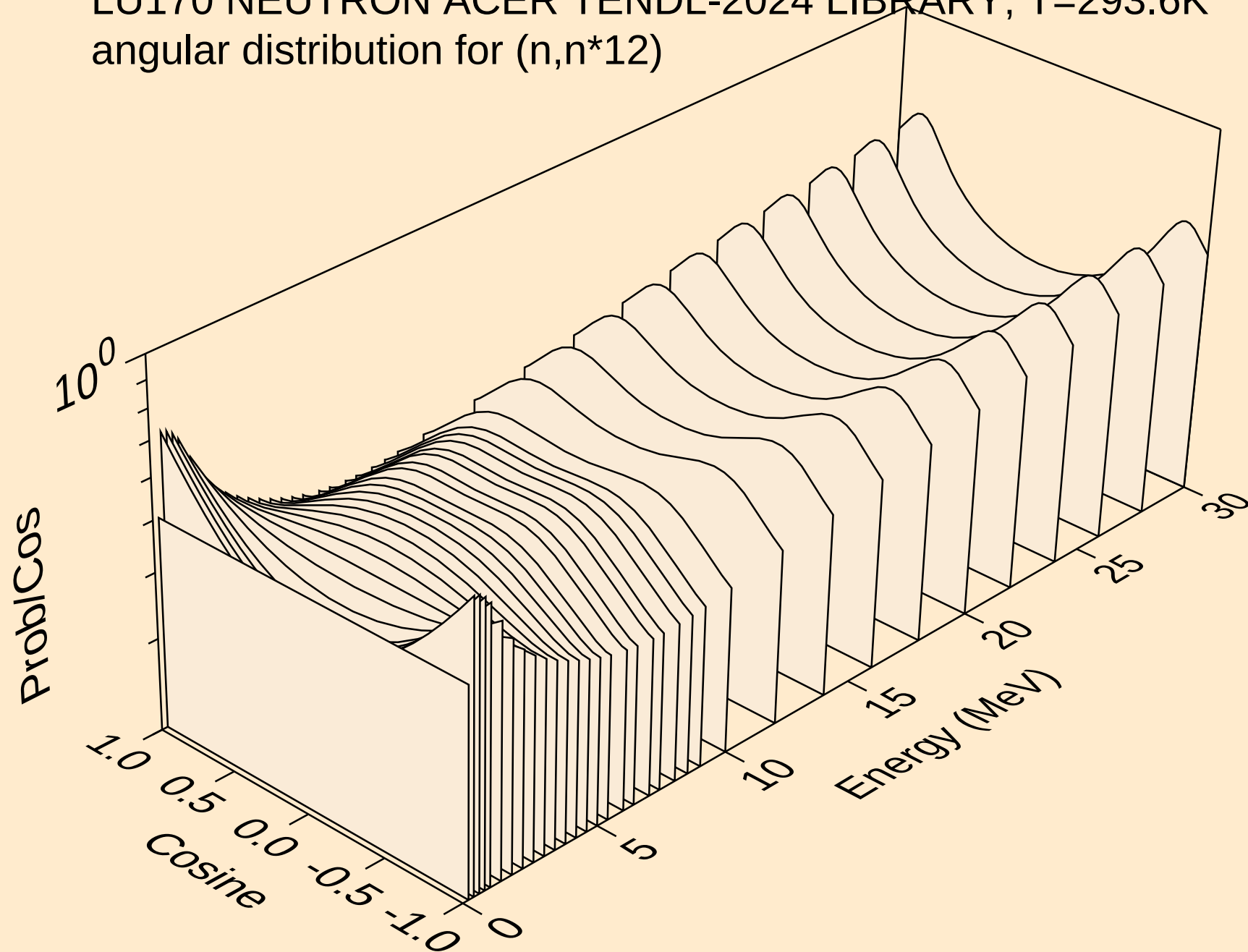
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*10)



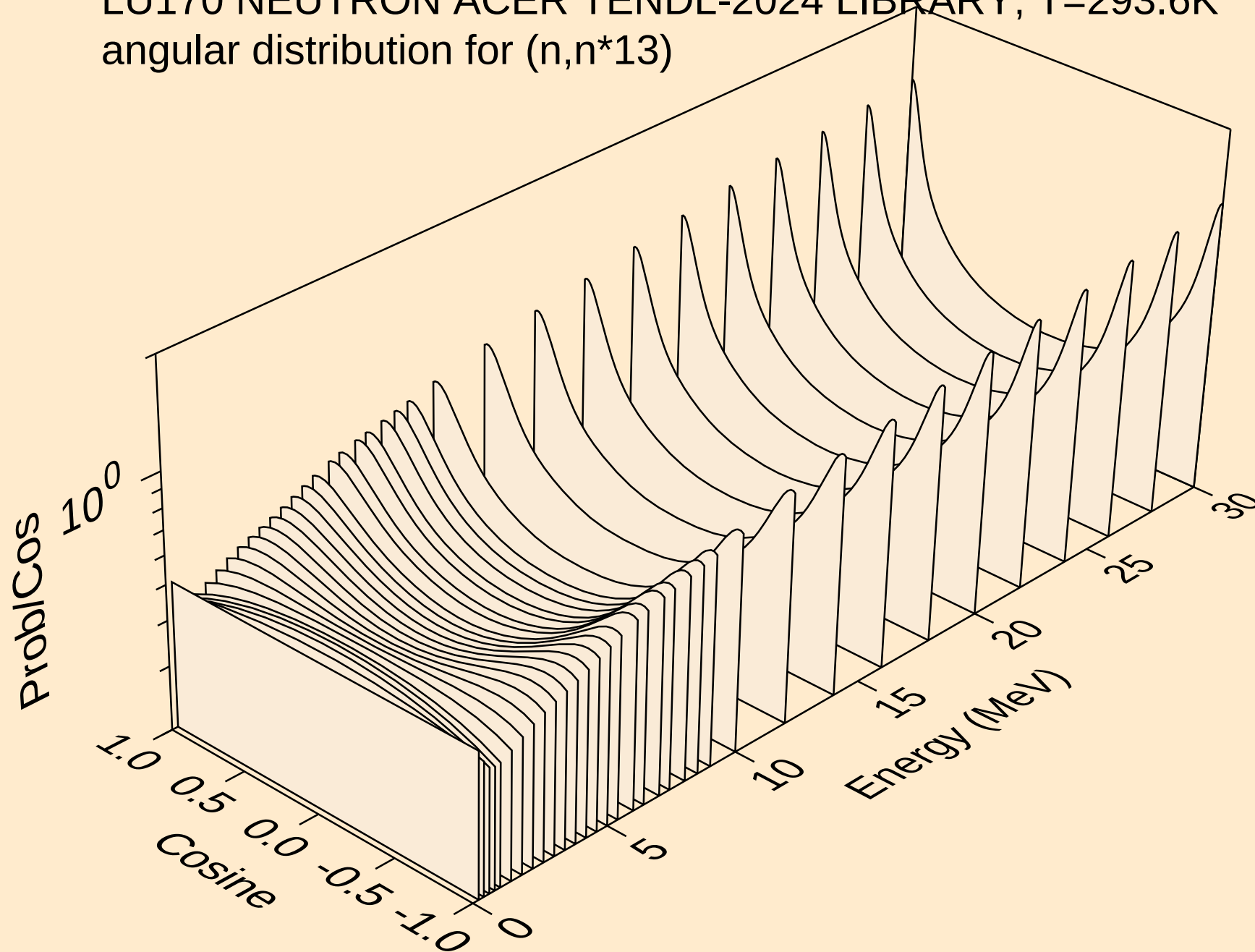
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*11)



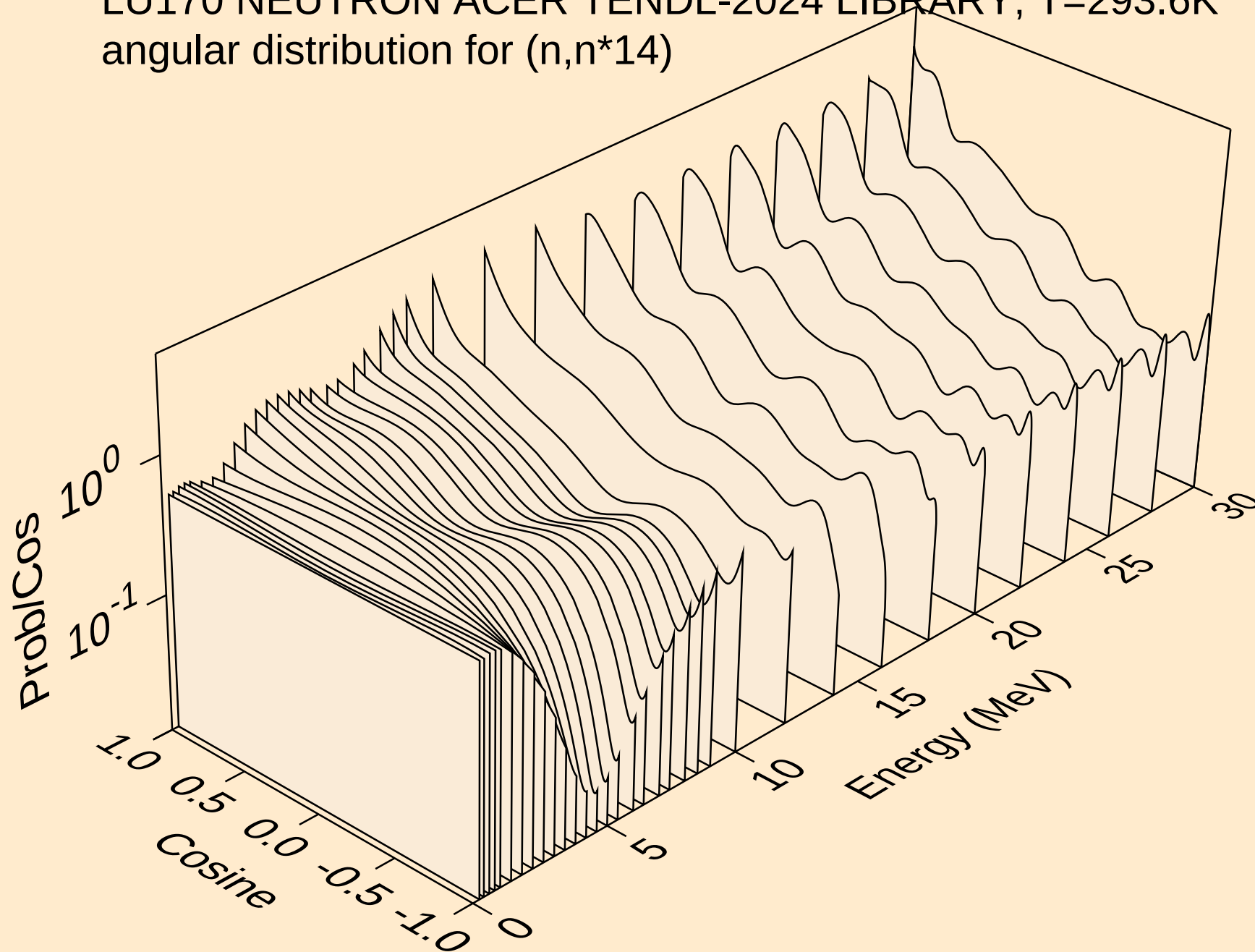
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*12)



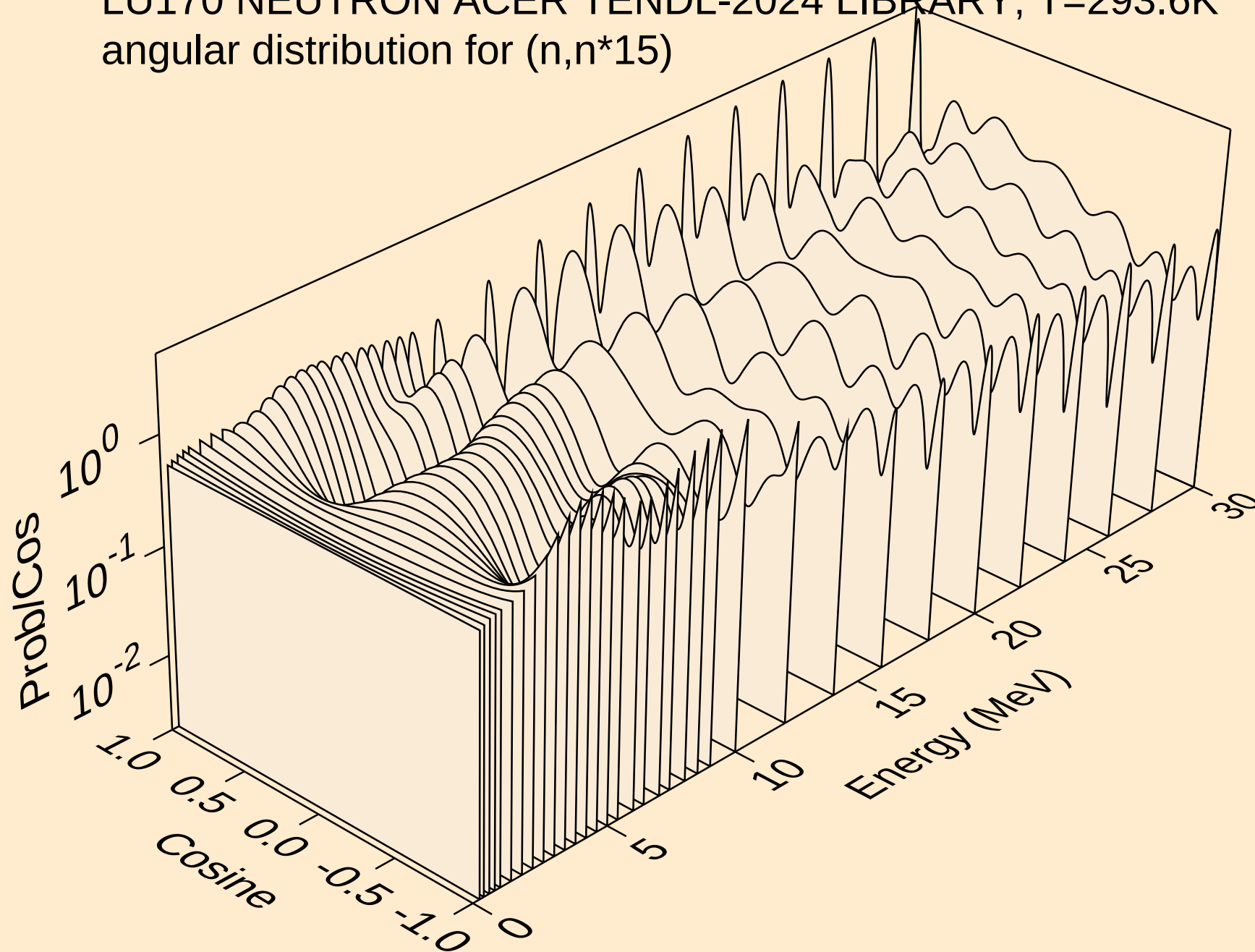
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*13)



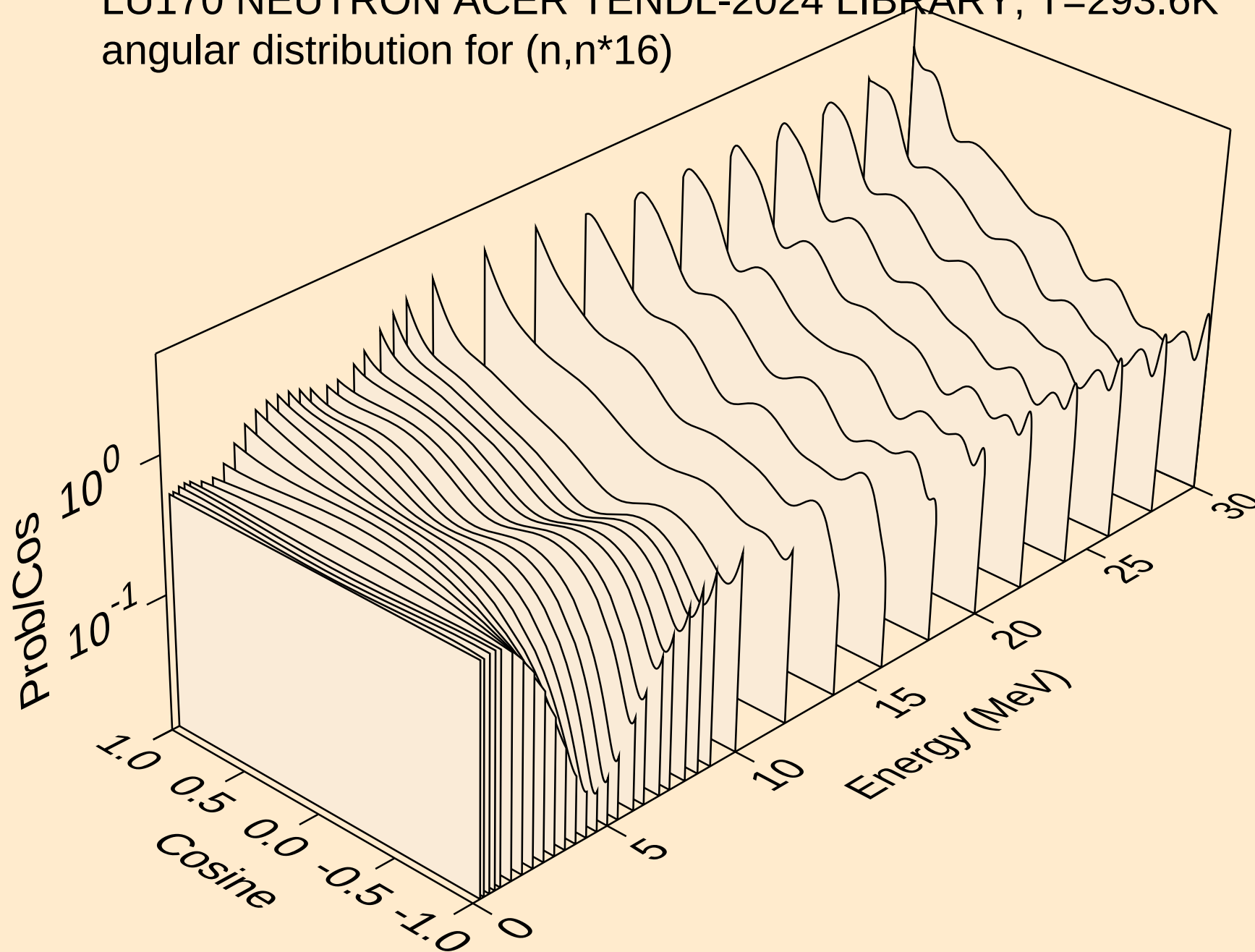
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*14)



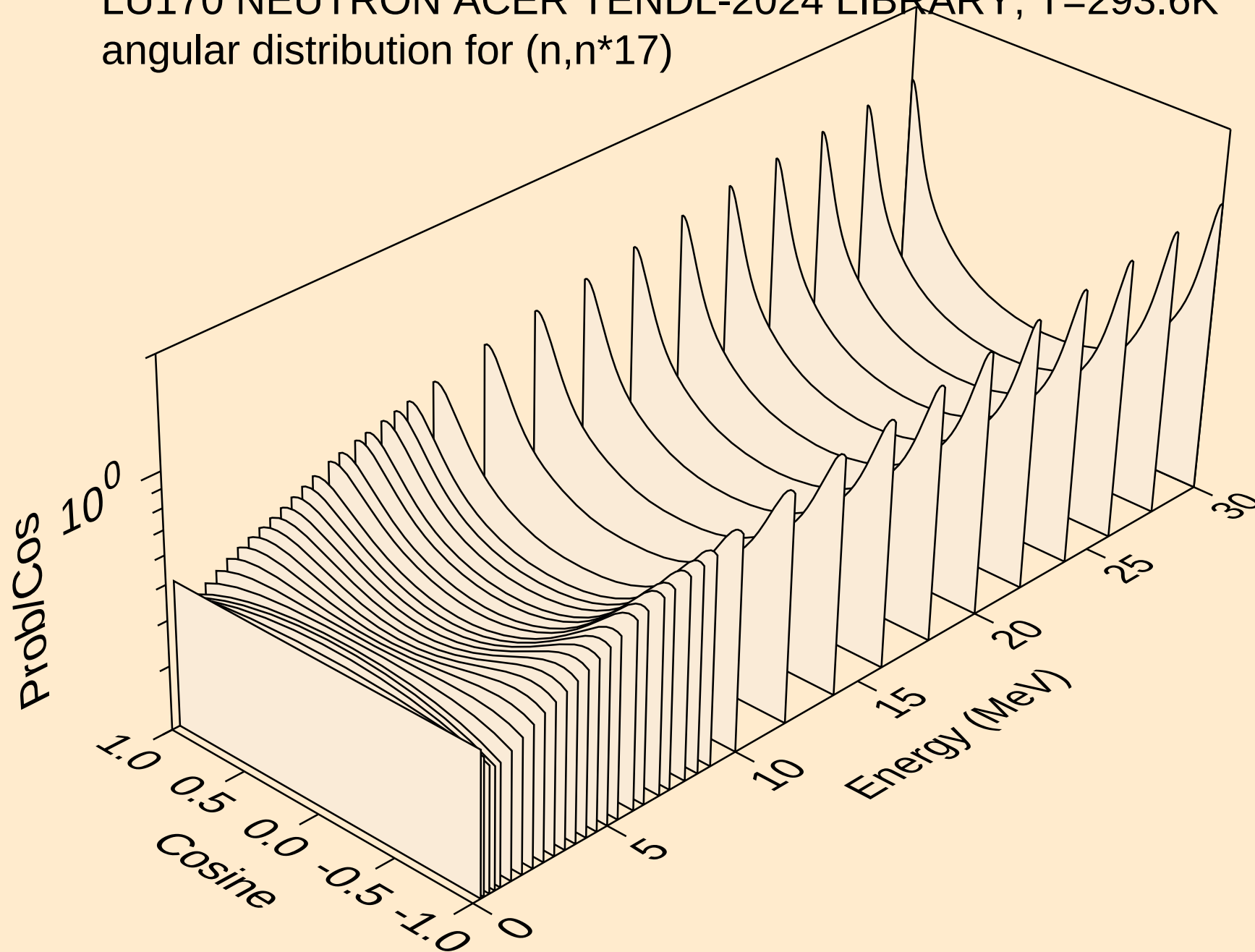
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*15)



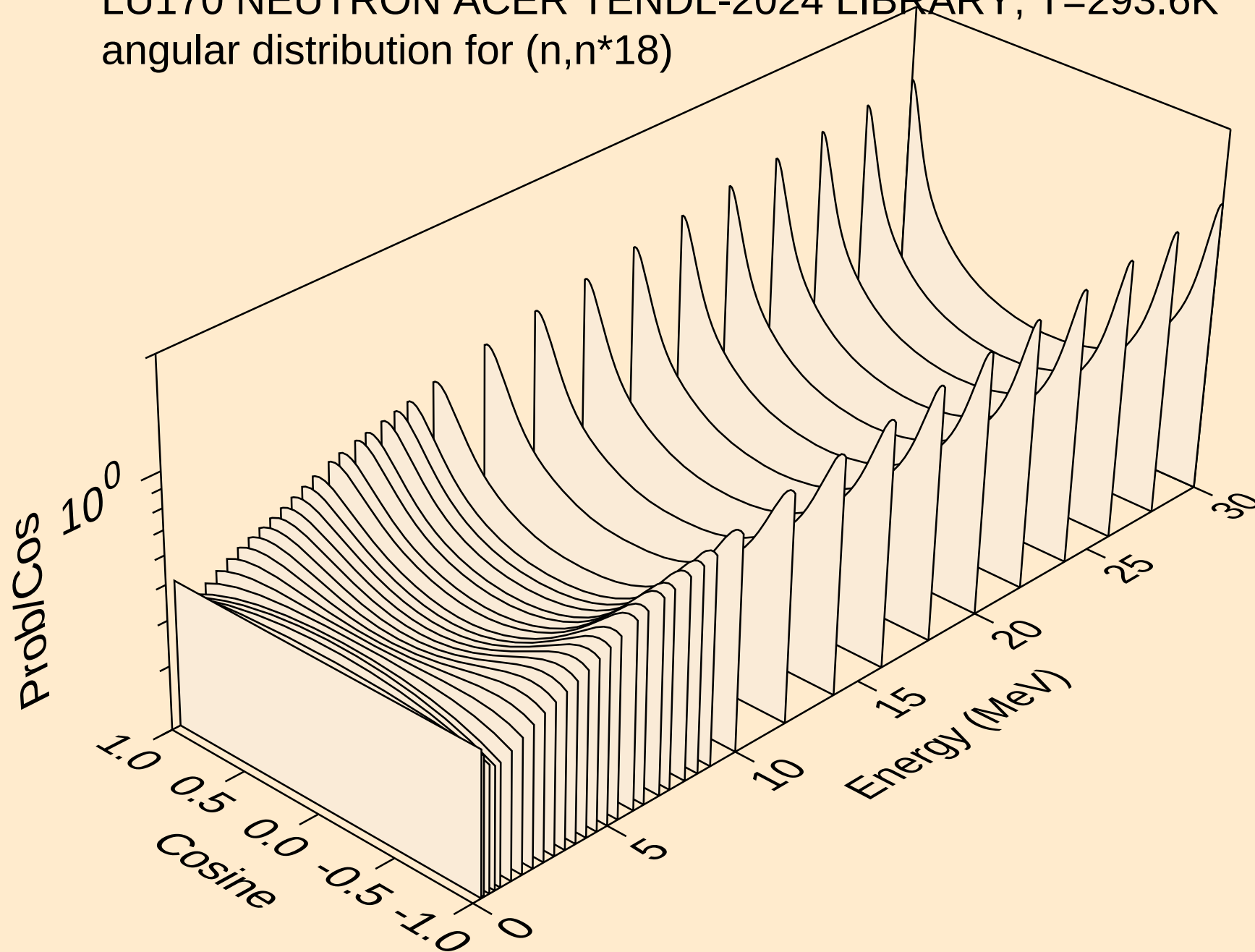
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*16)



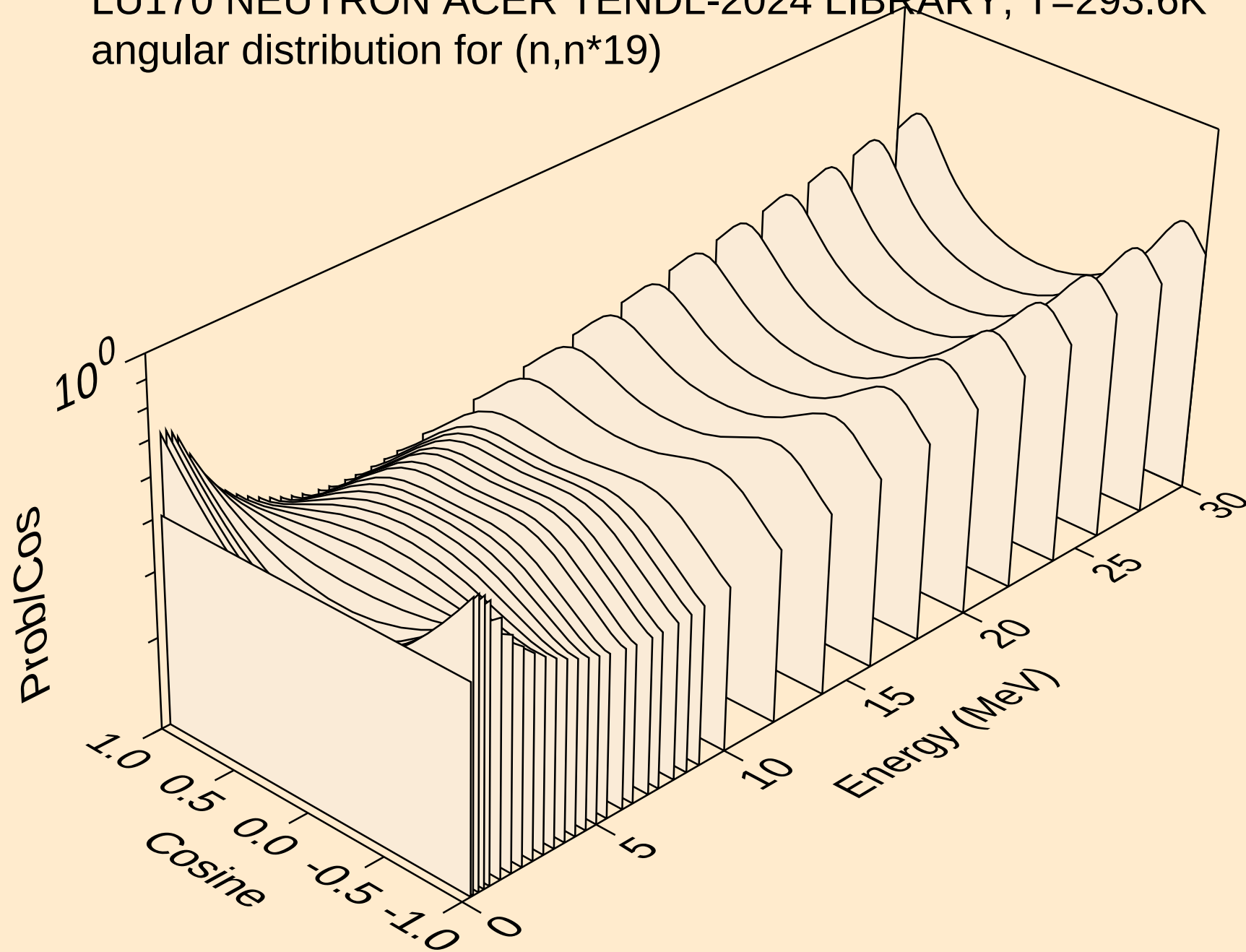
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*17)



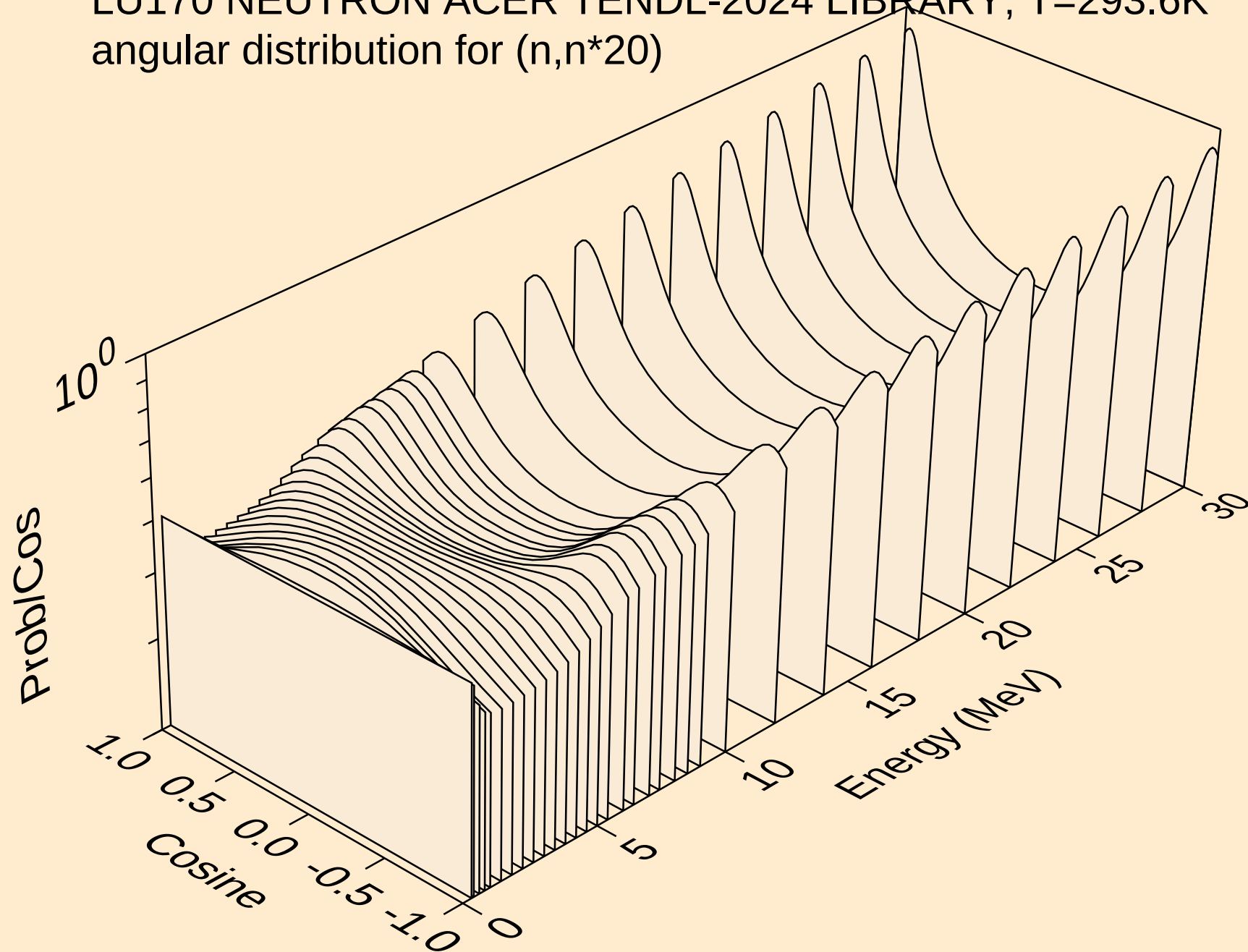
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*18)



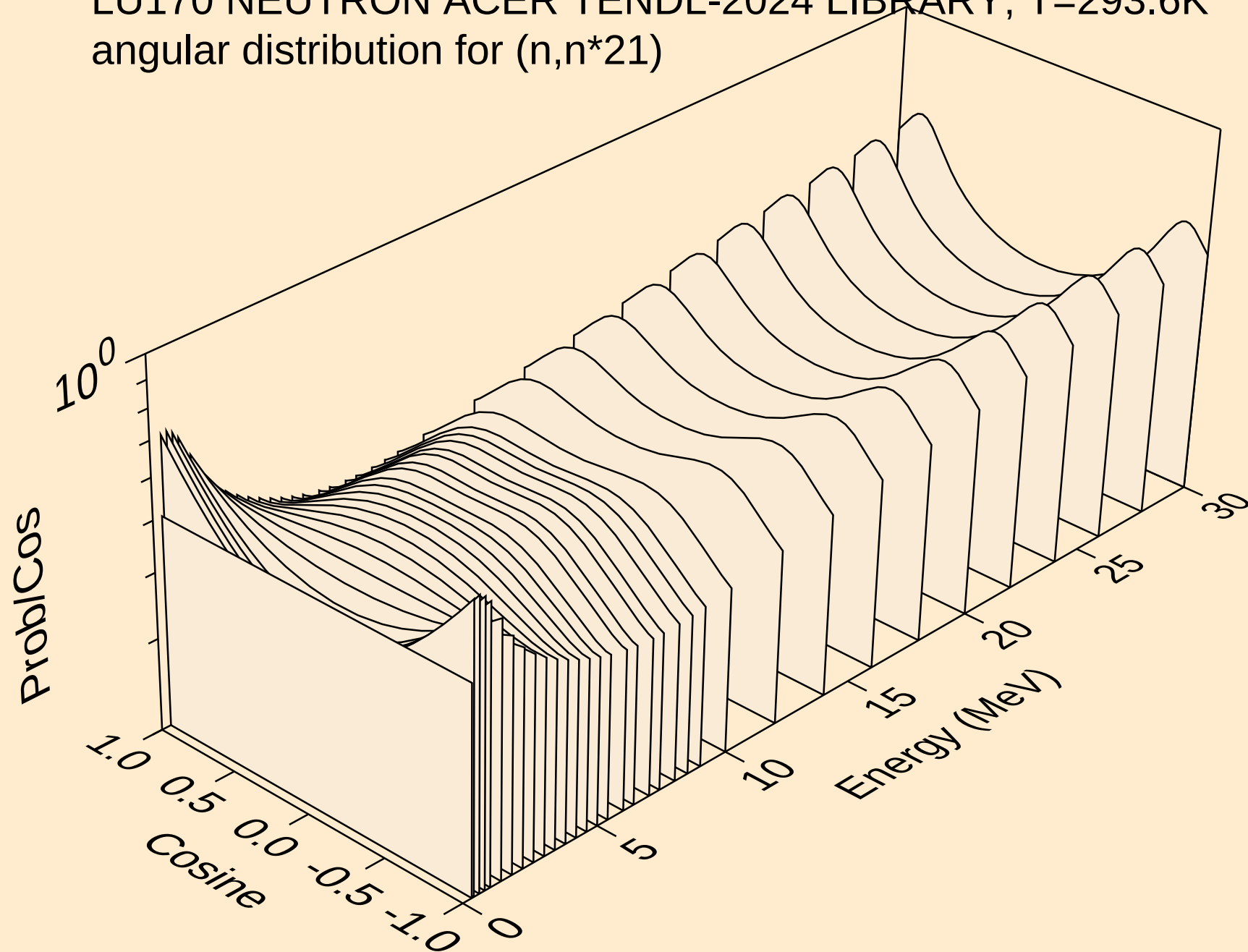
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*19)



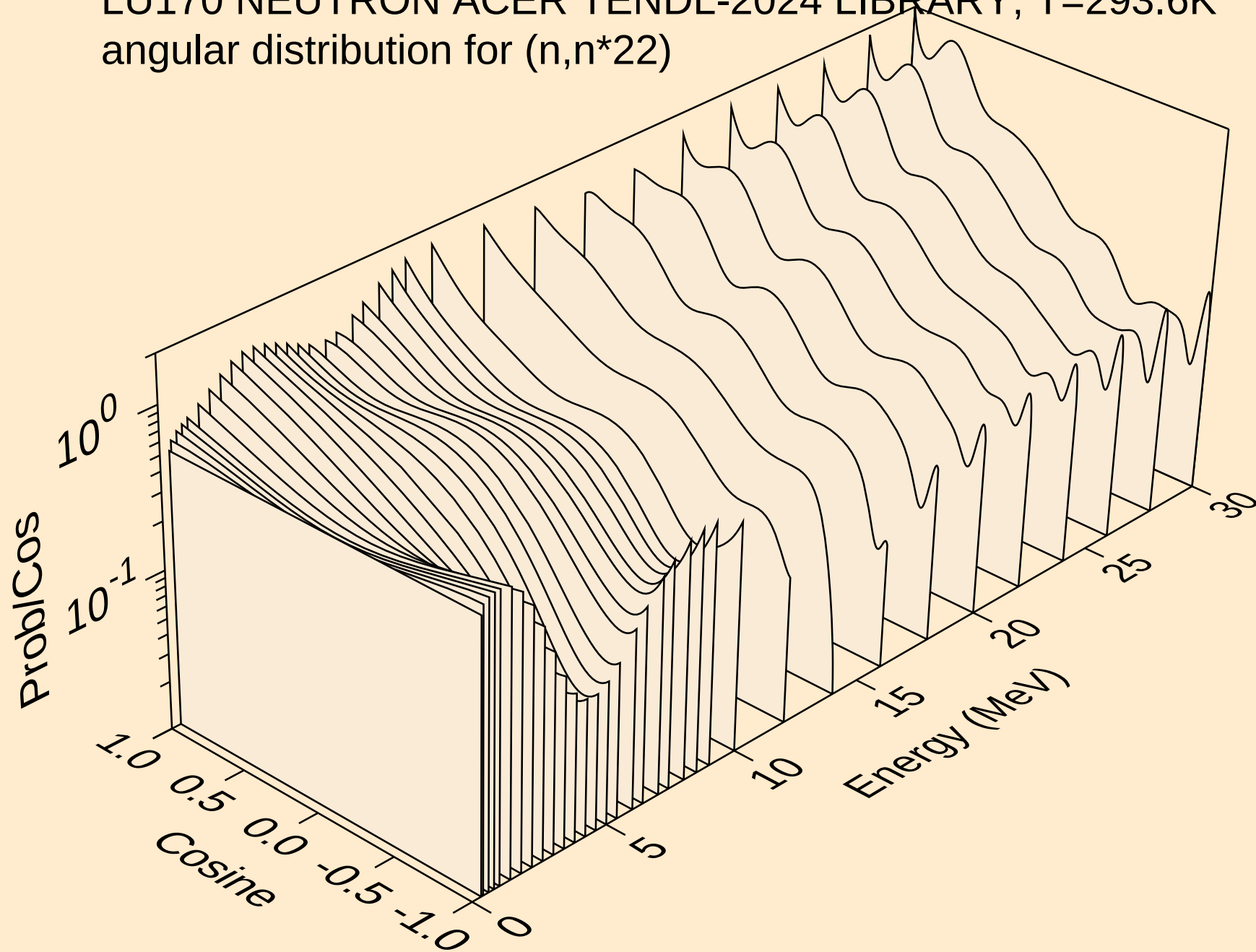
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*20)



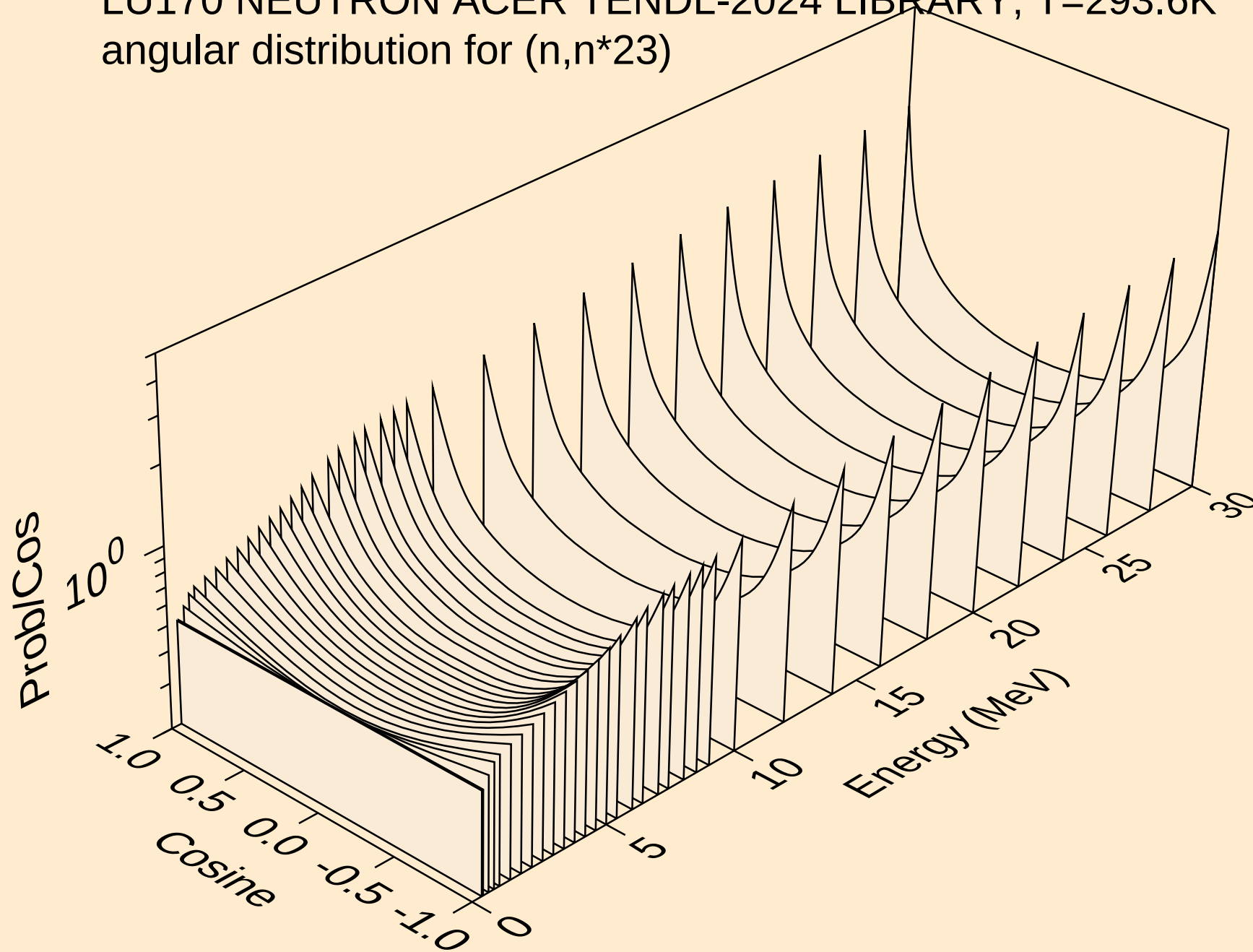
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*21)



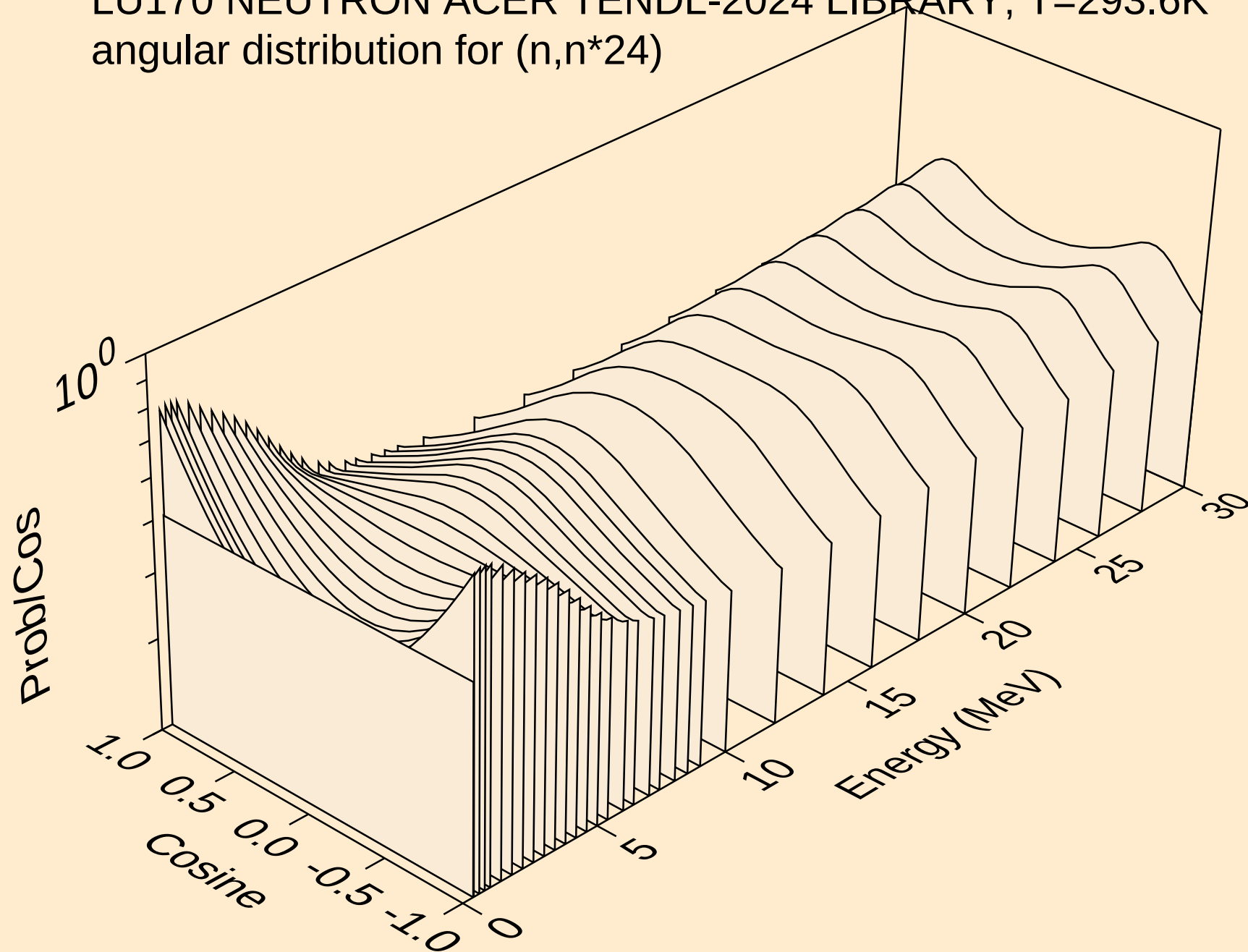
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*22)



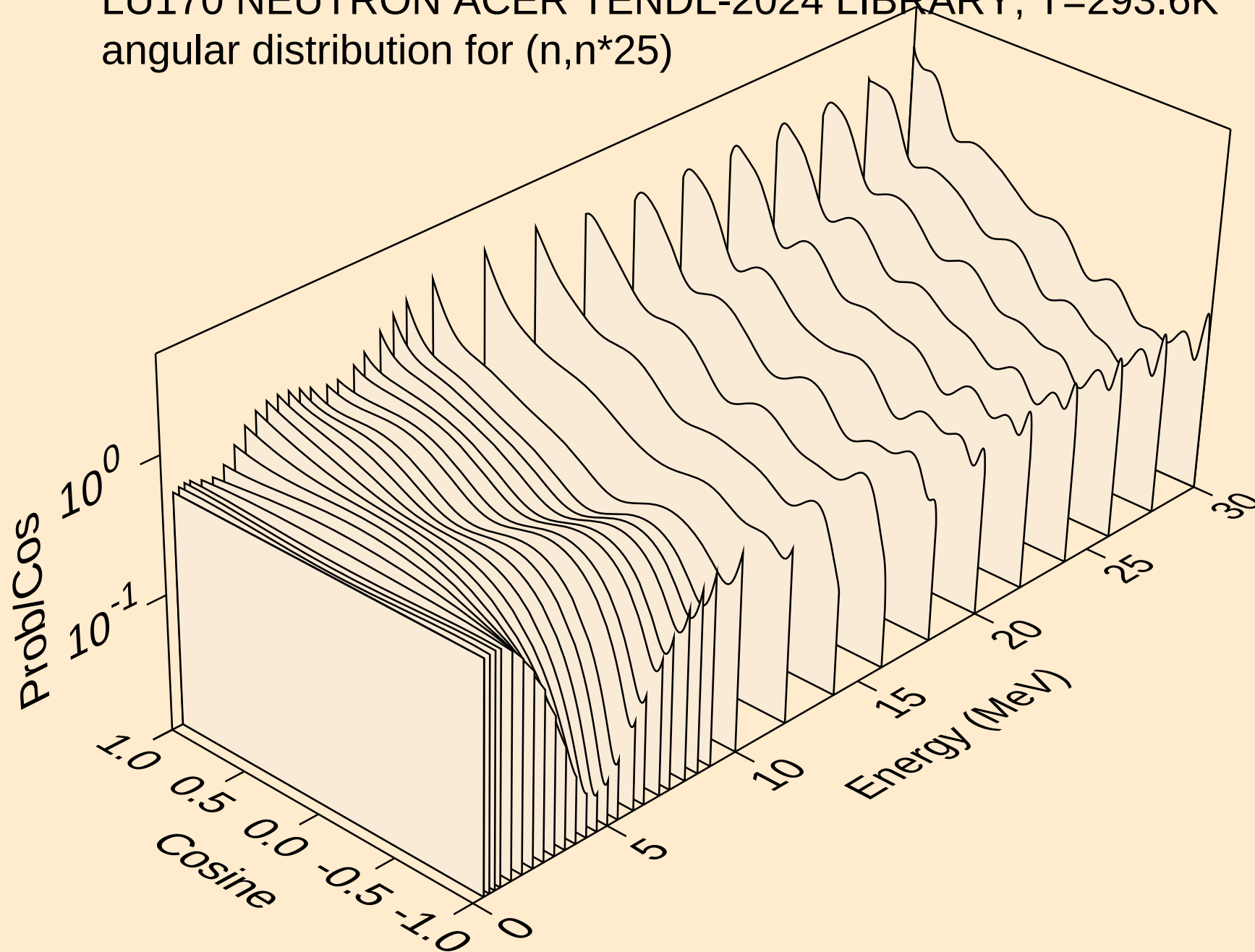
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*23)



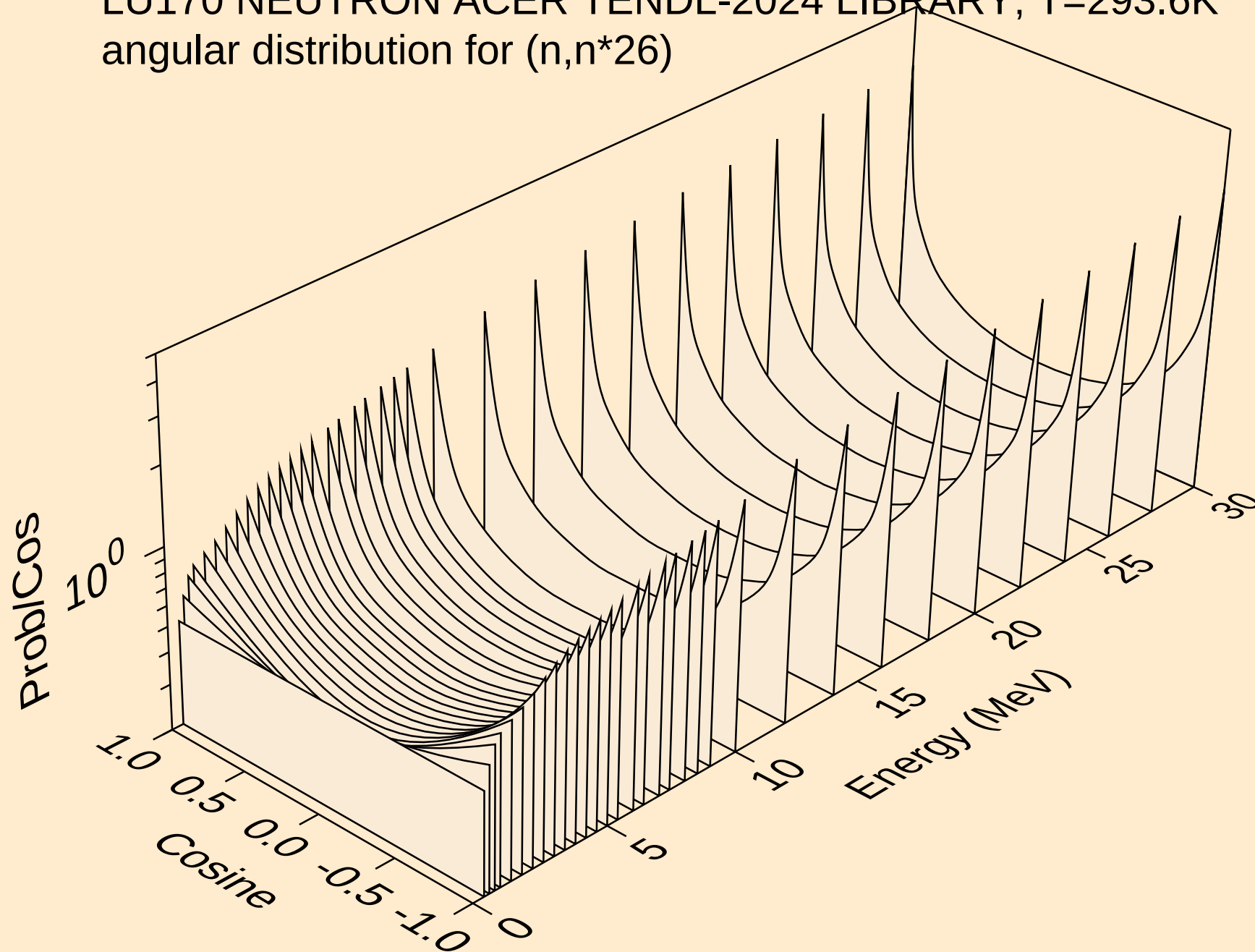
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*24)



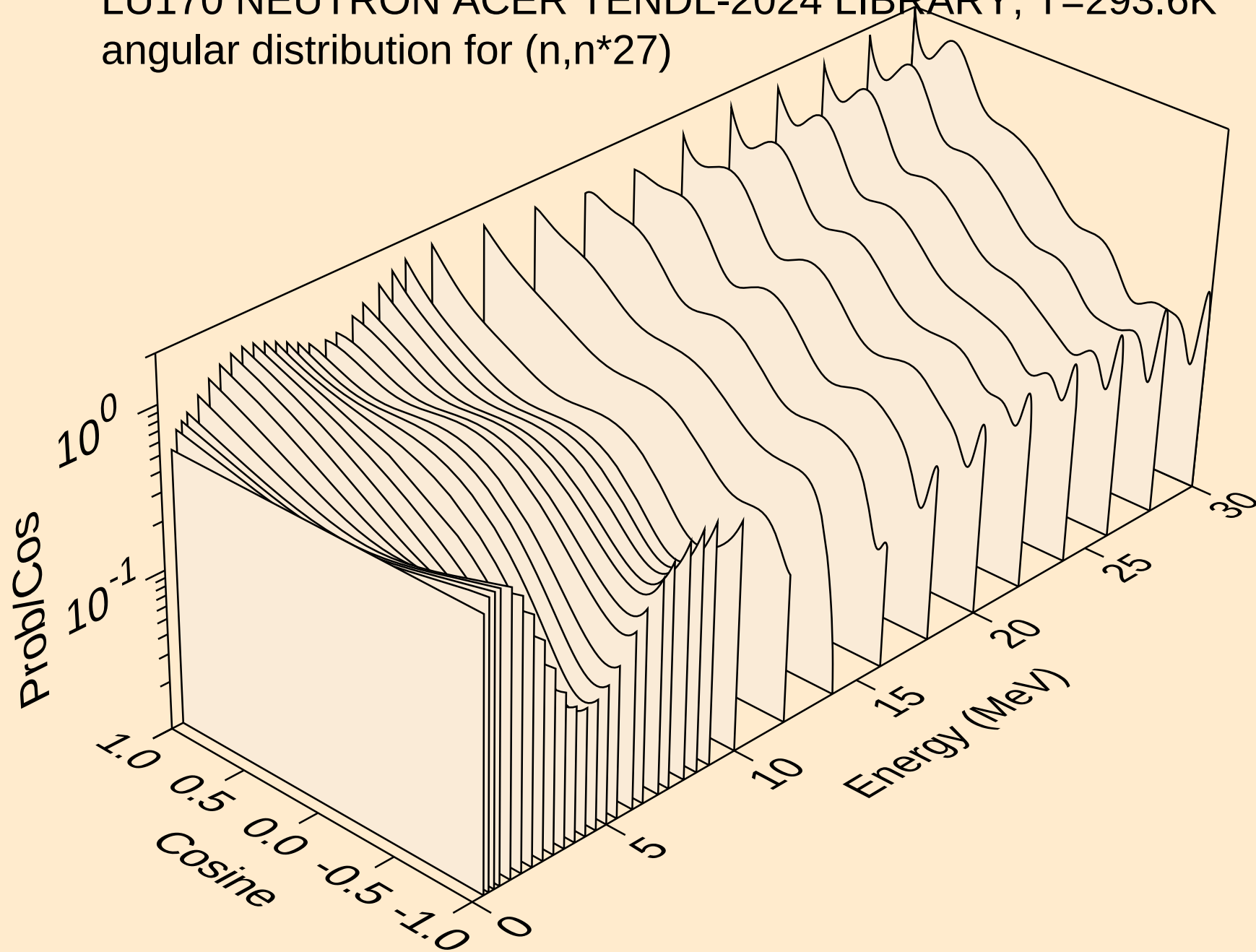
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*25)



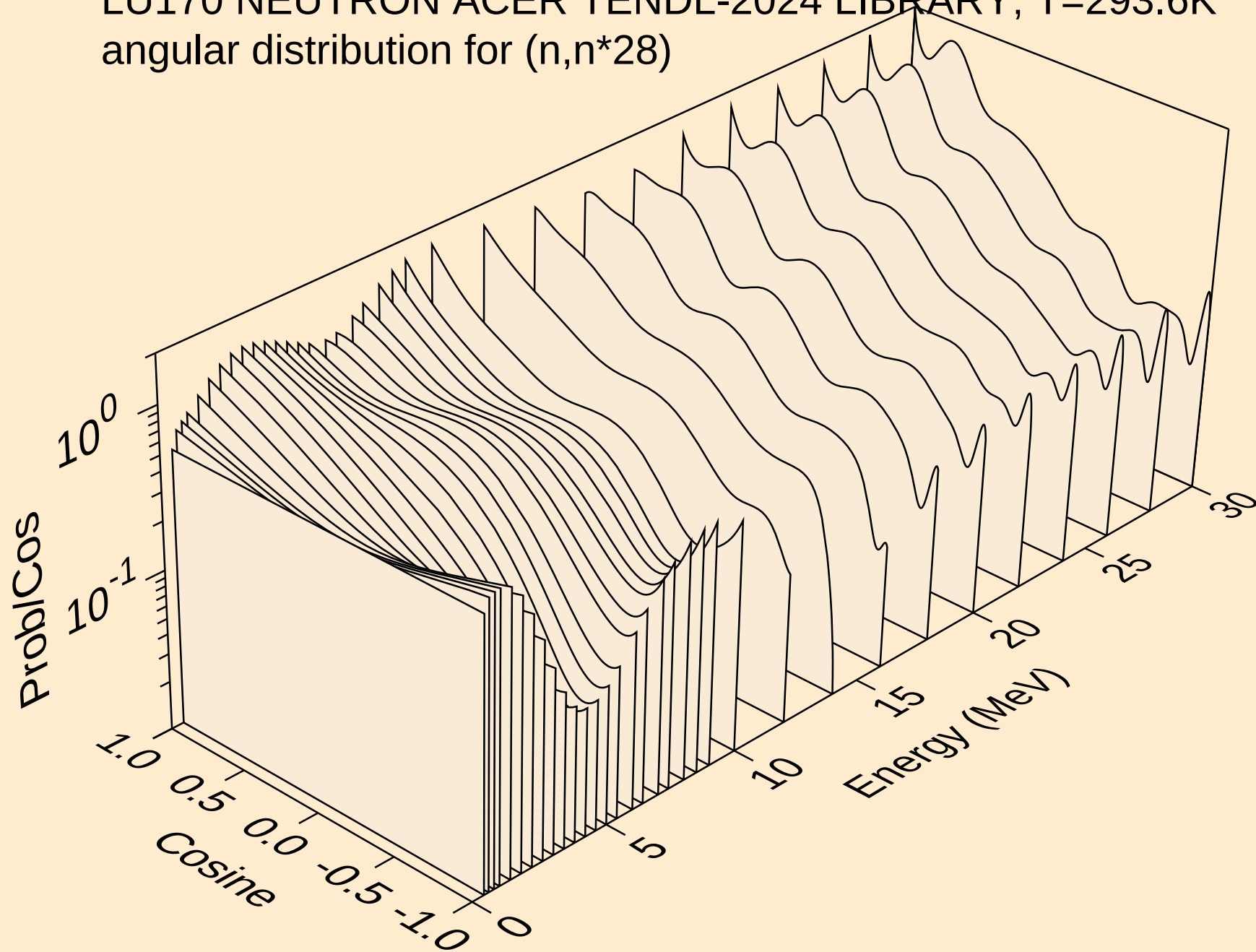
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*26)



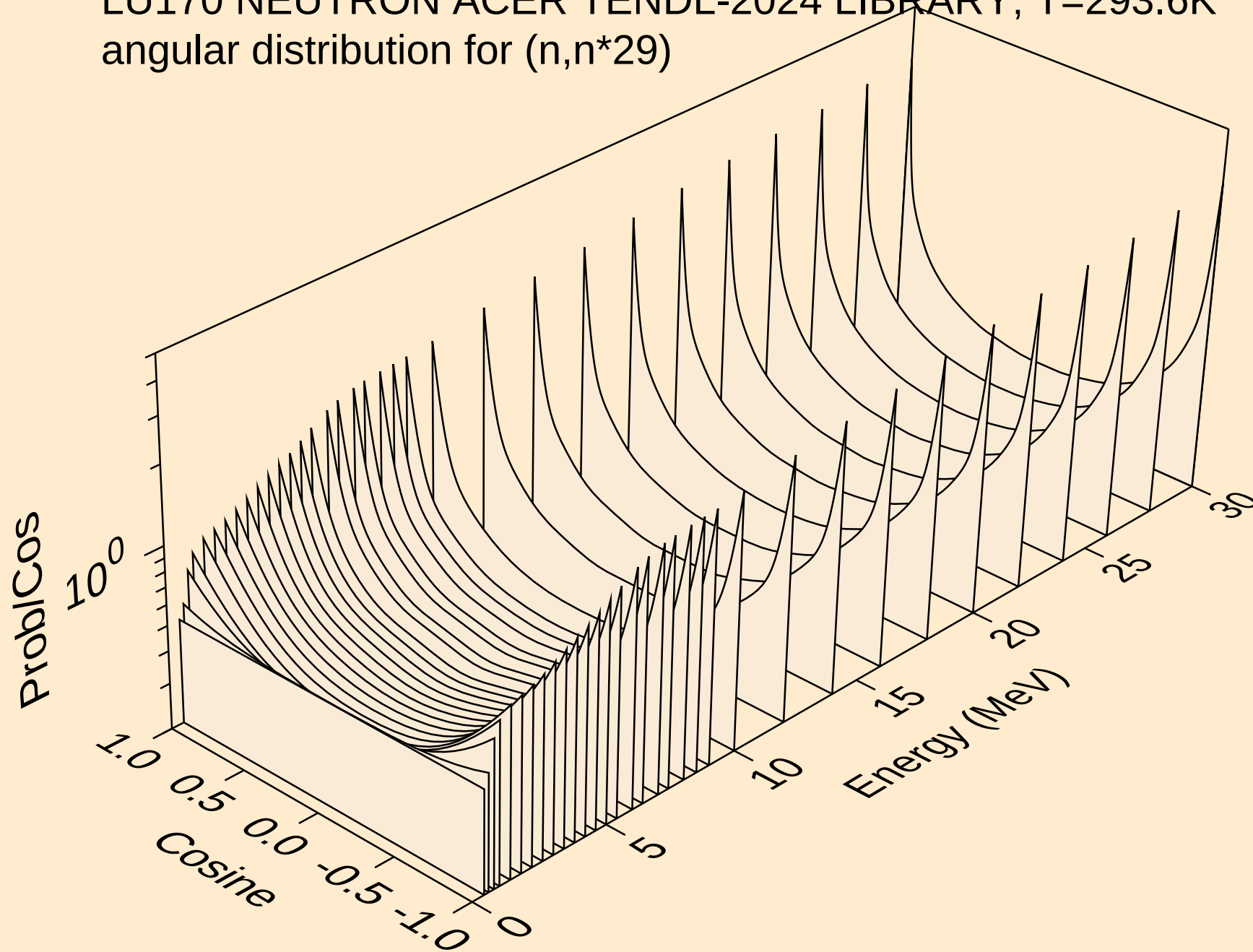
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*27)



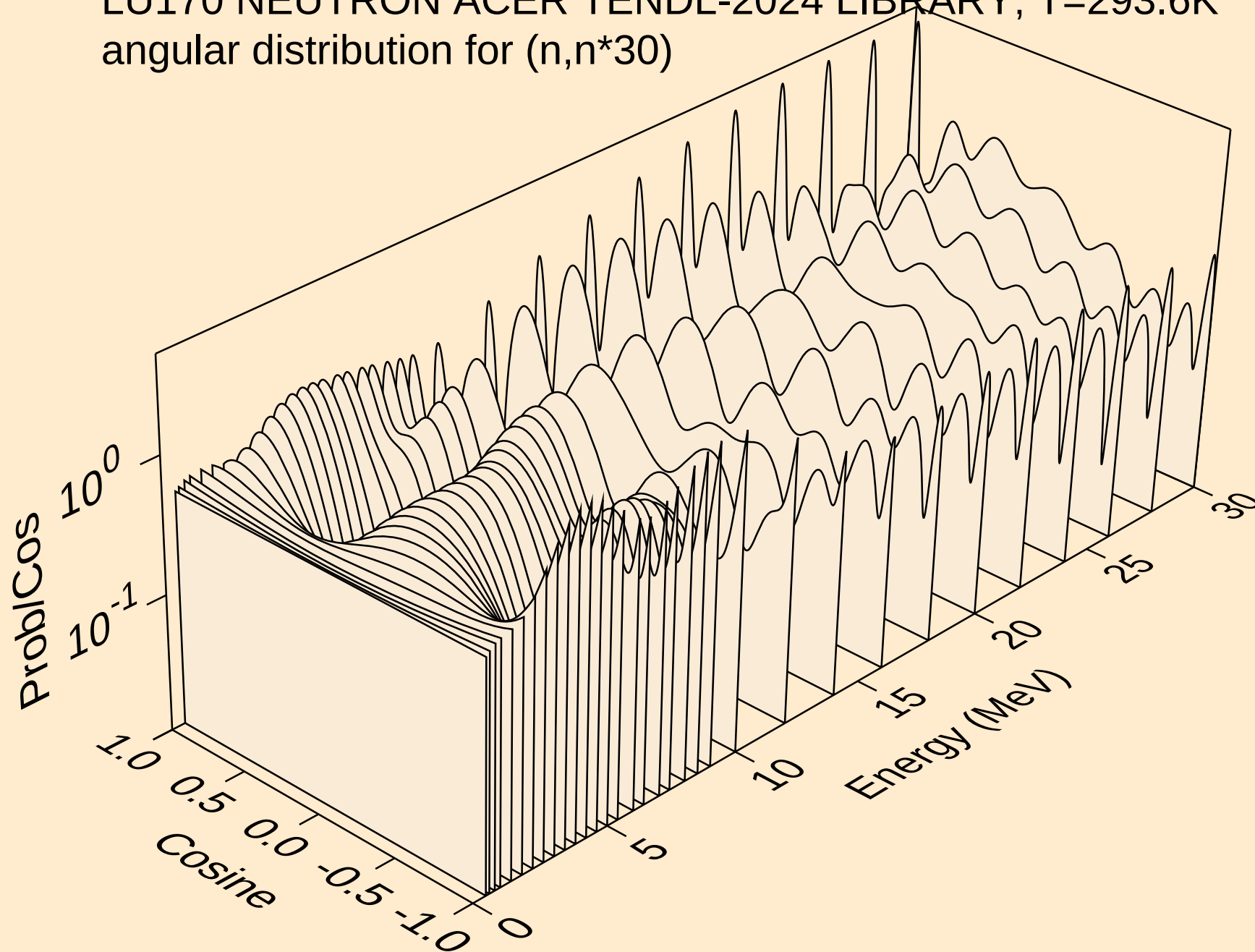
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*28)



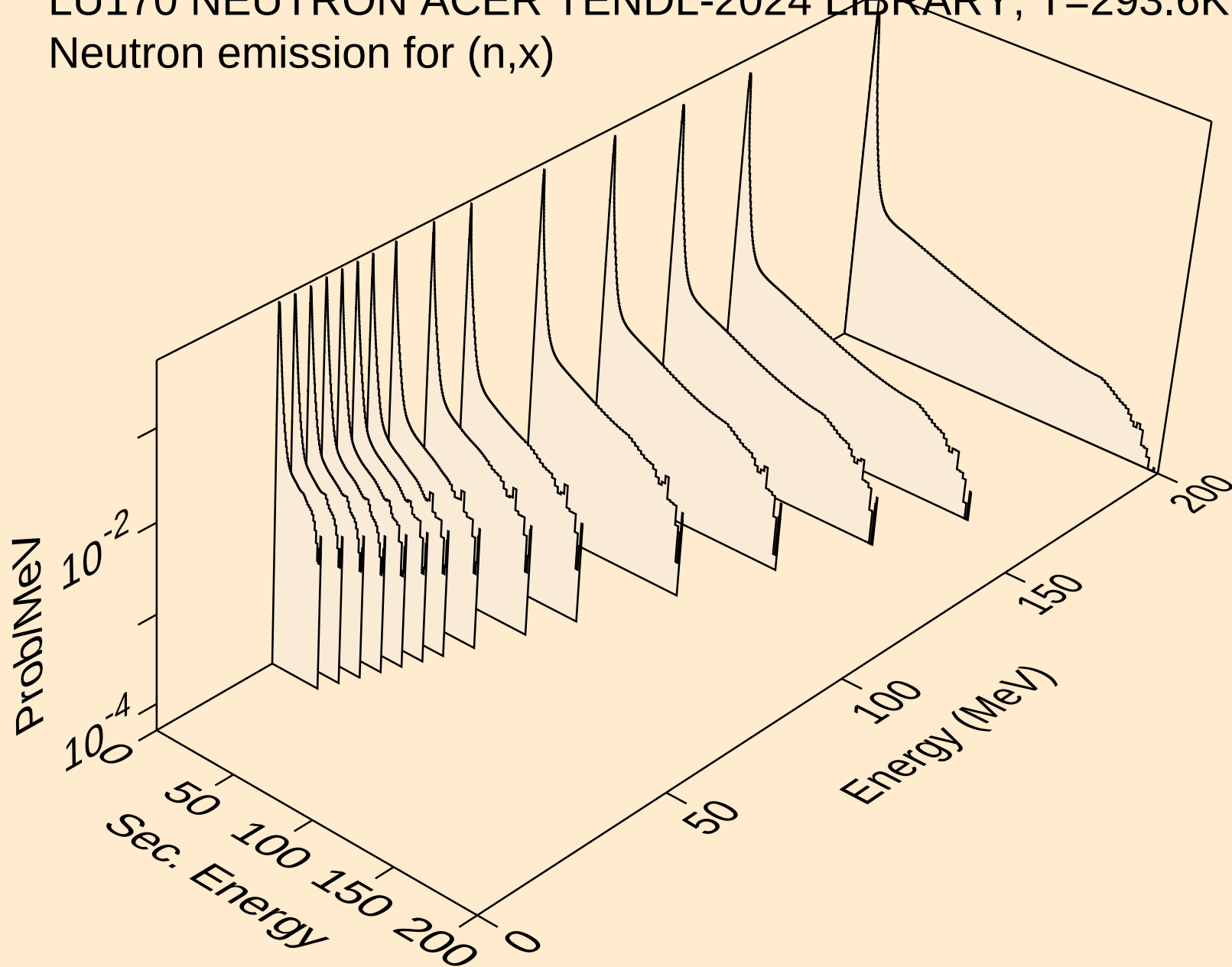
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*29)



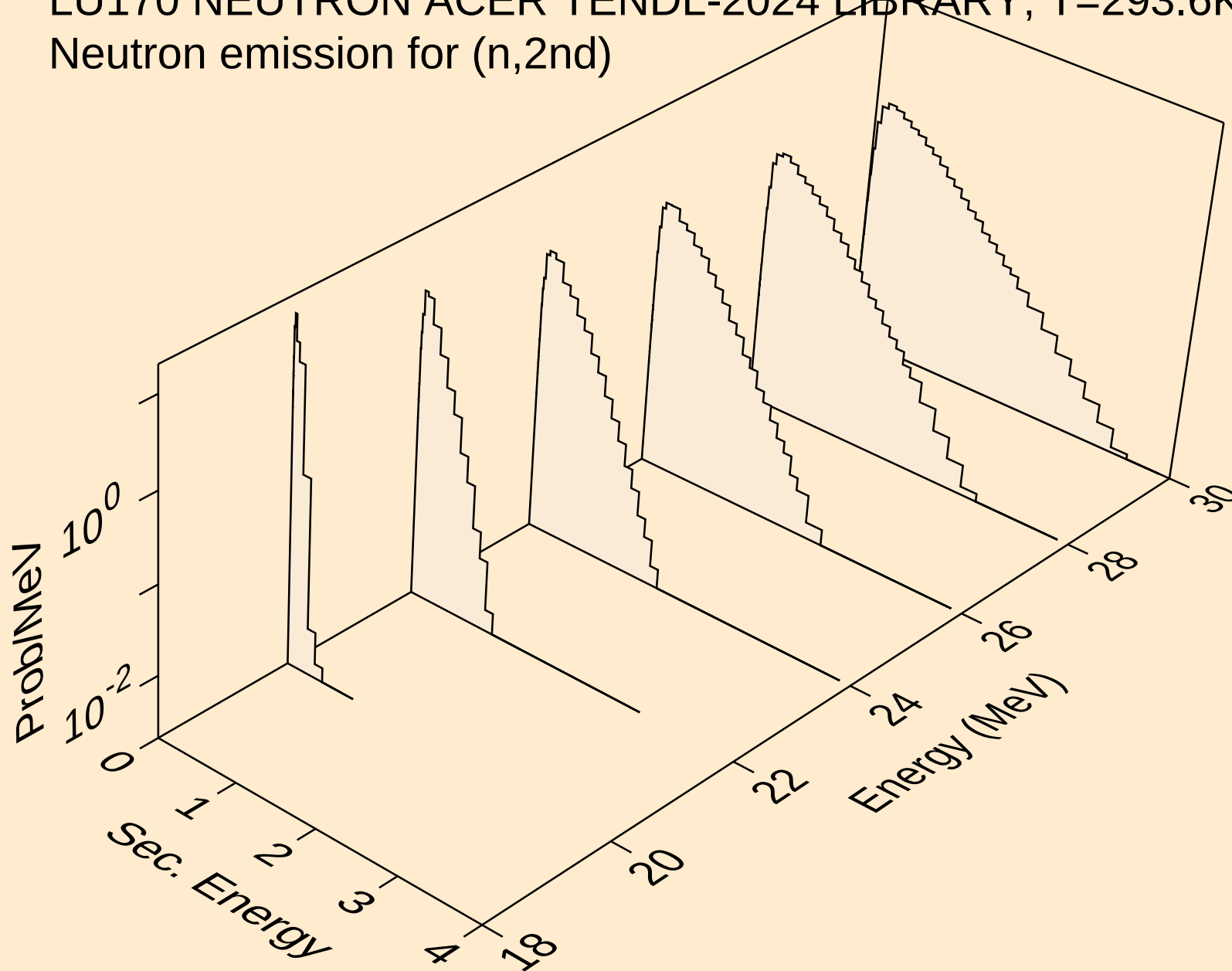
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*30)



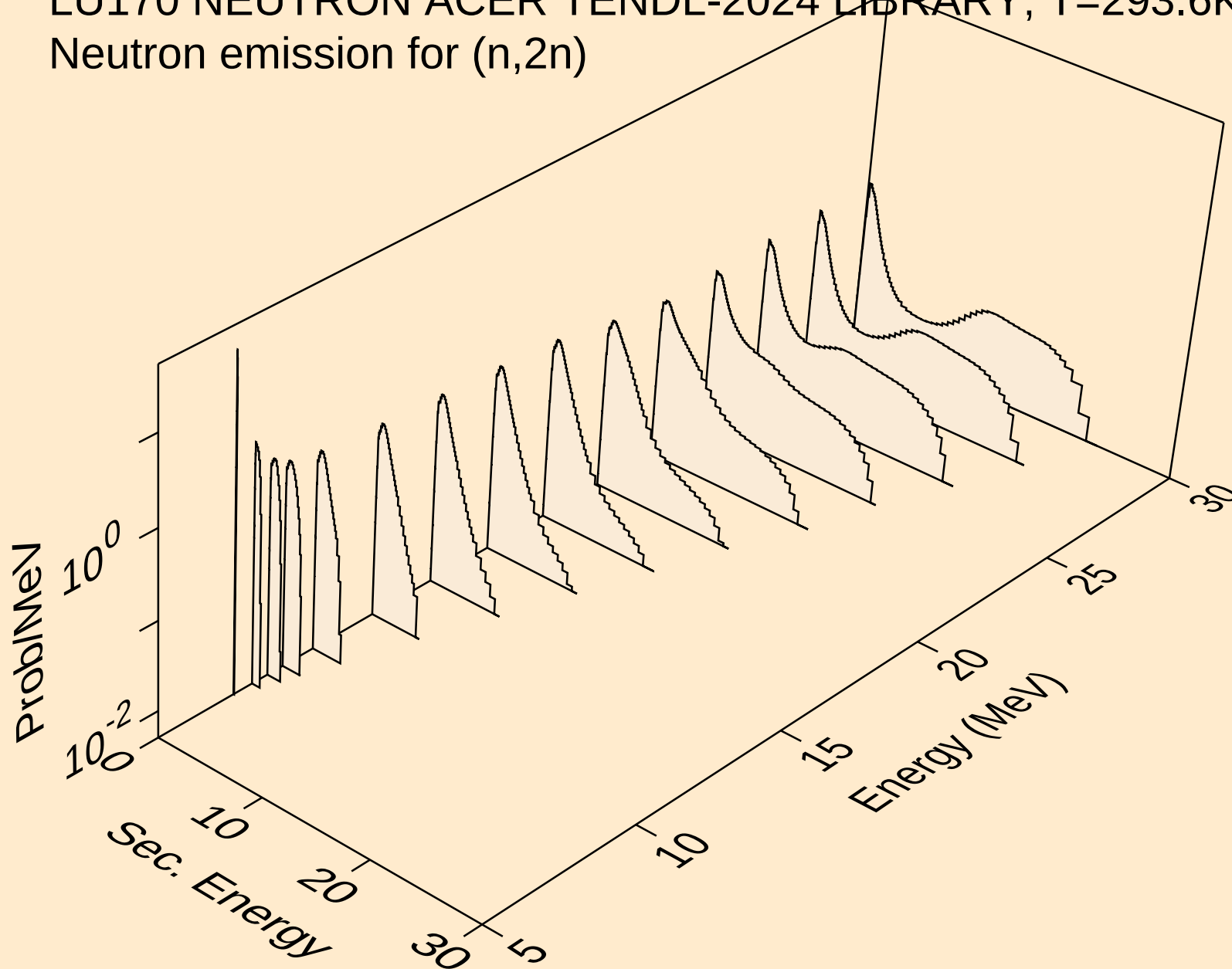
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



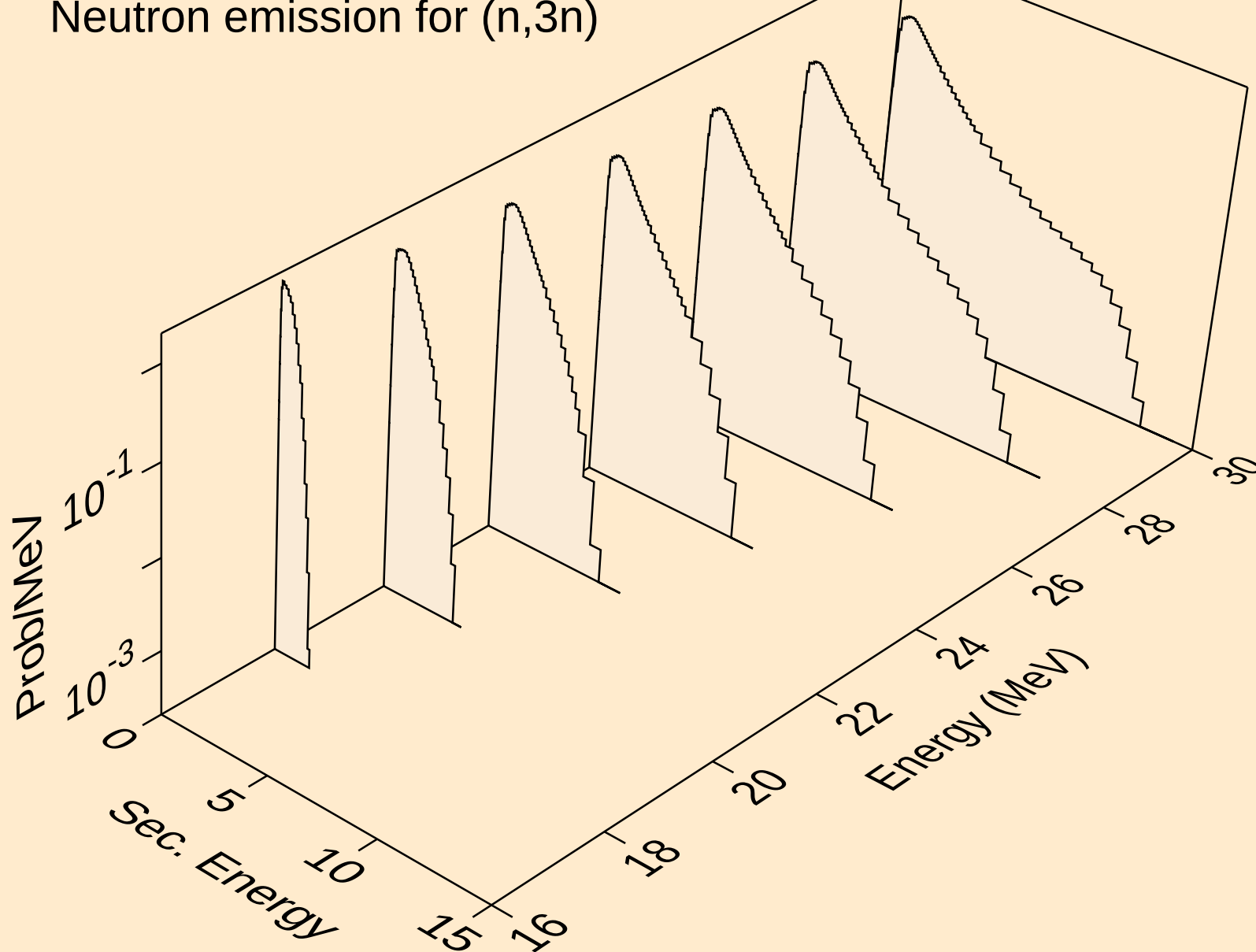
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



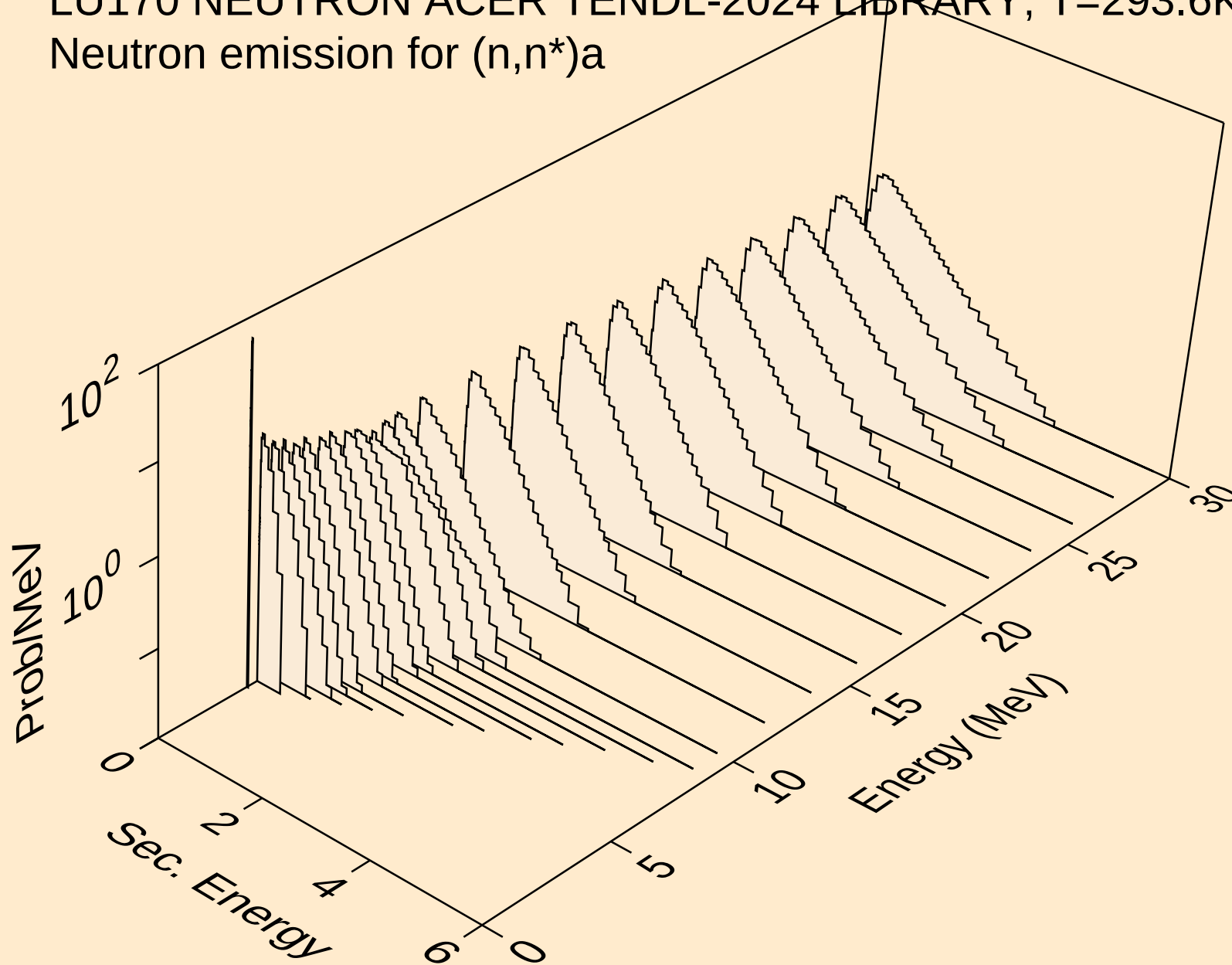
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



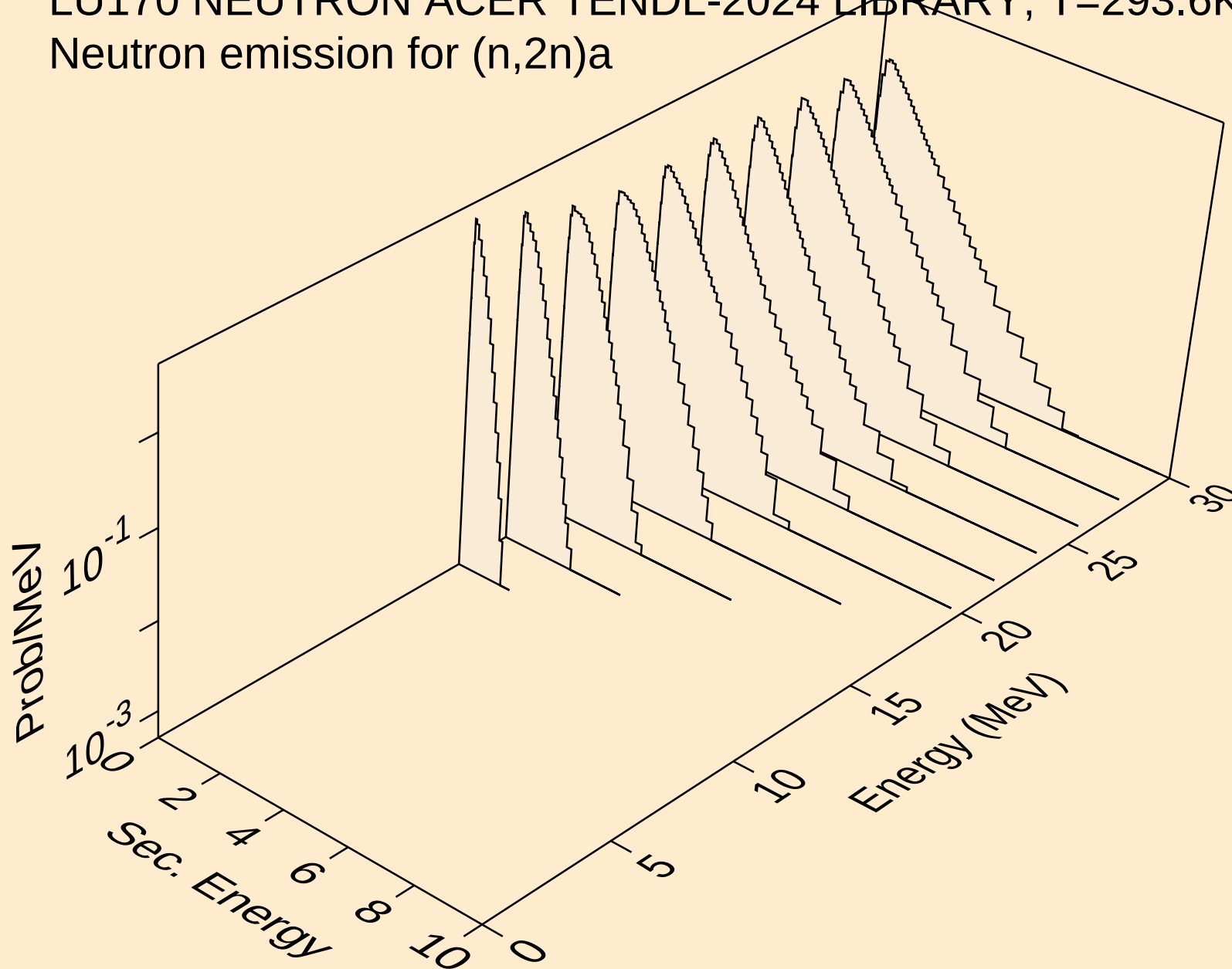
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



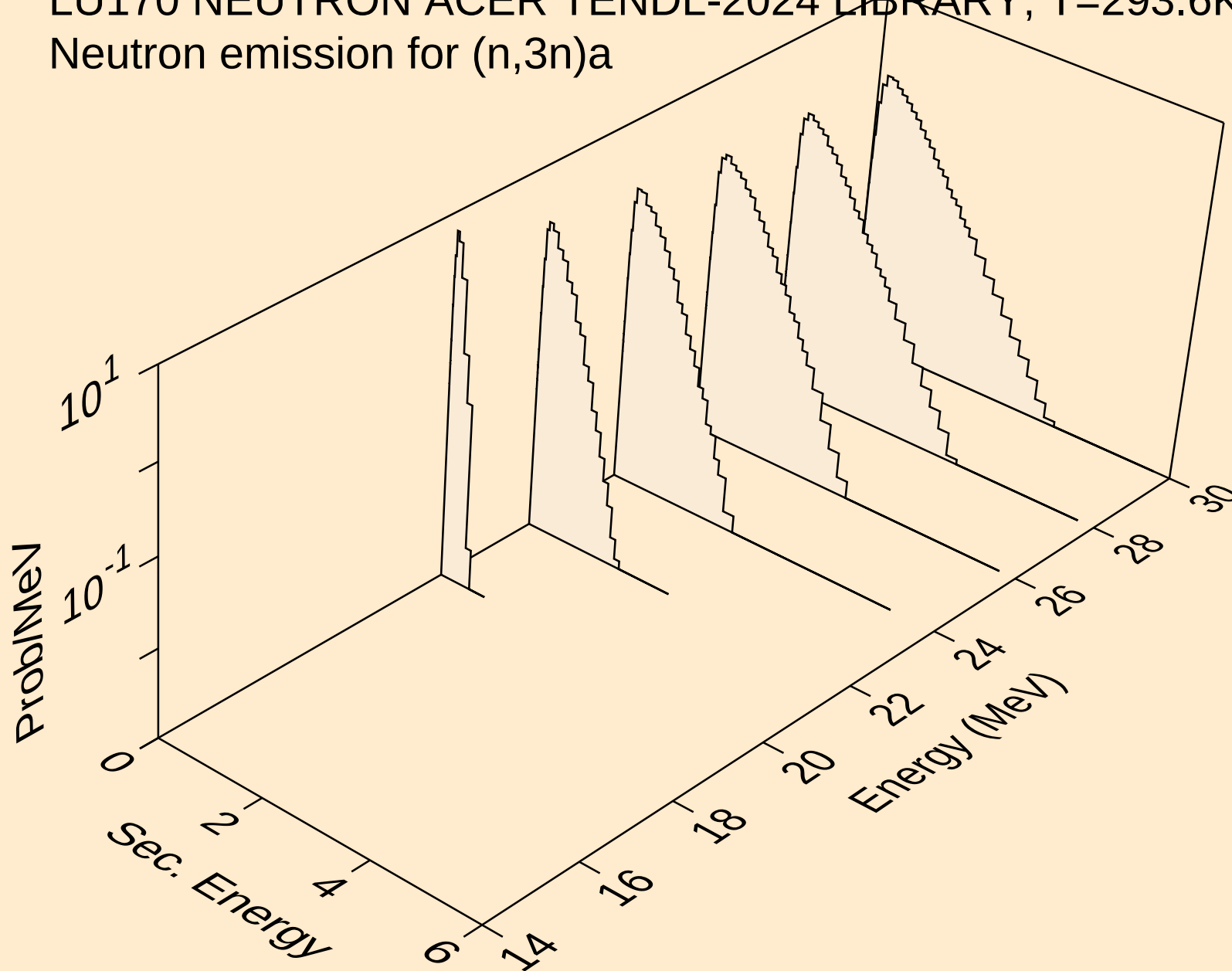
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



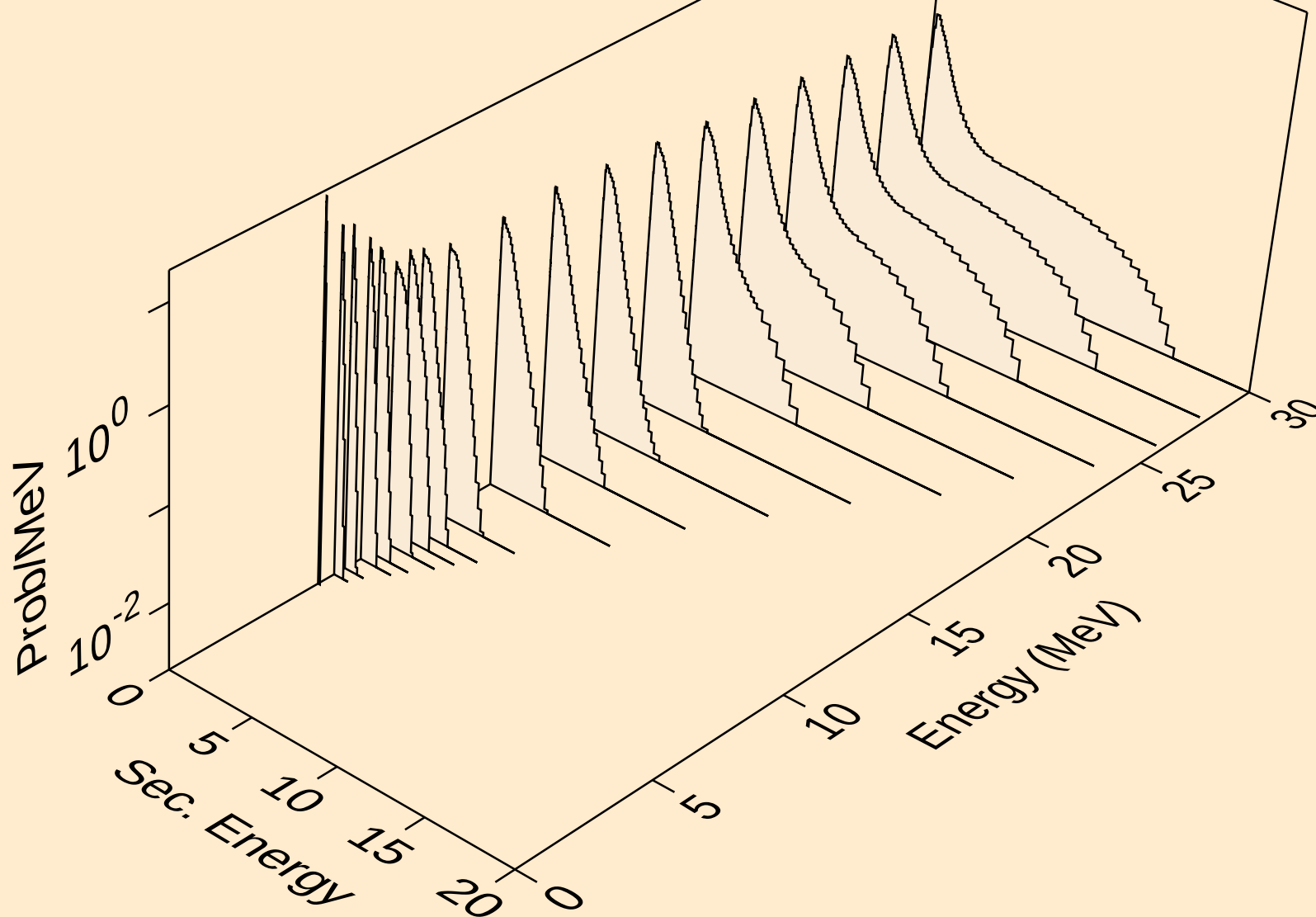
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



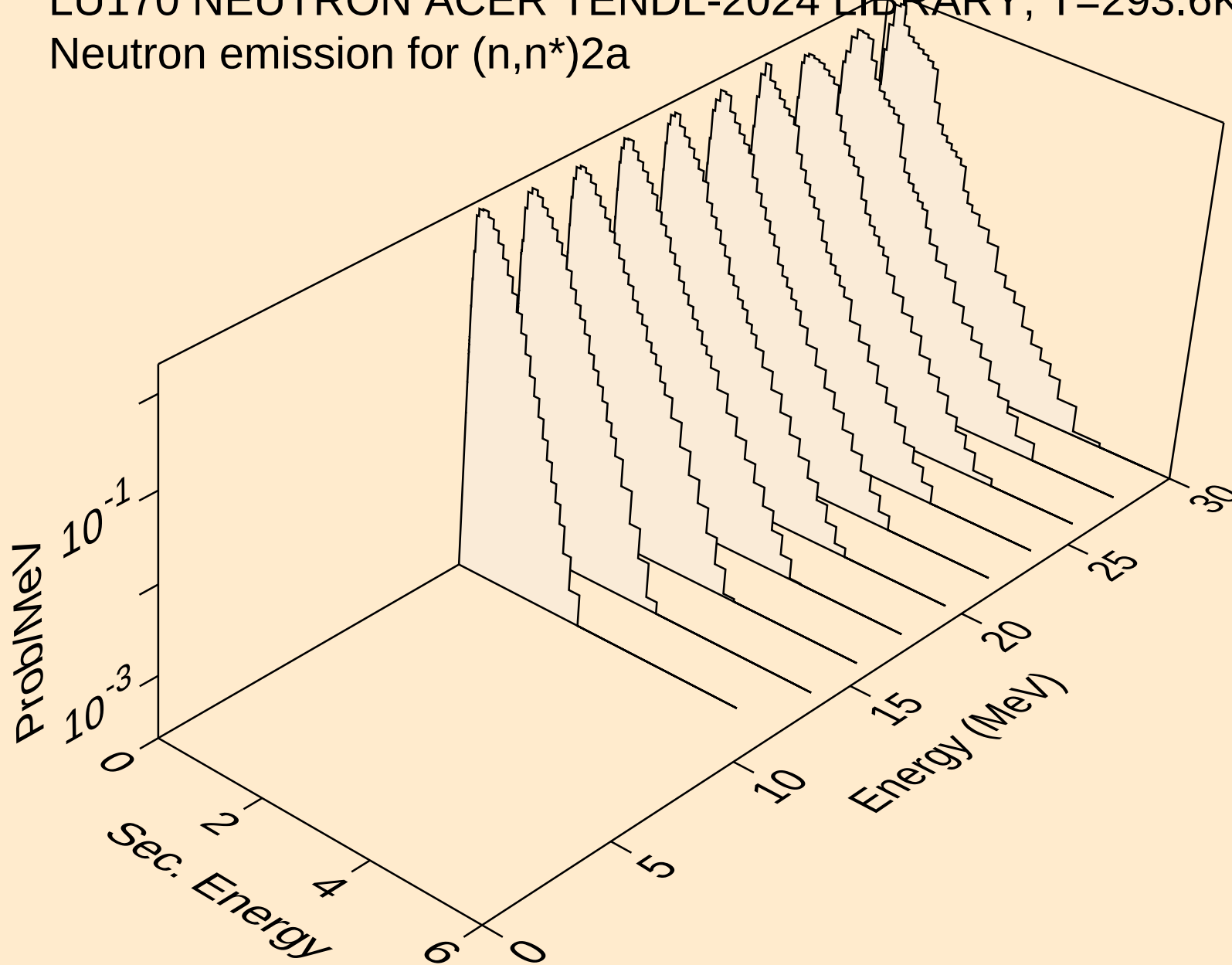
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



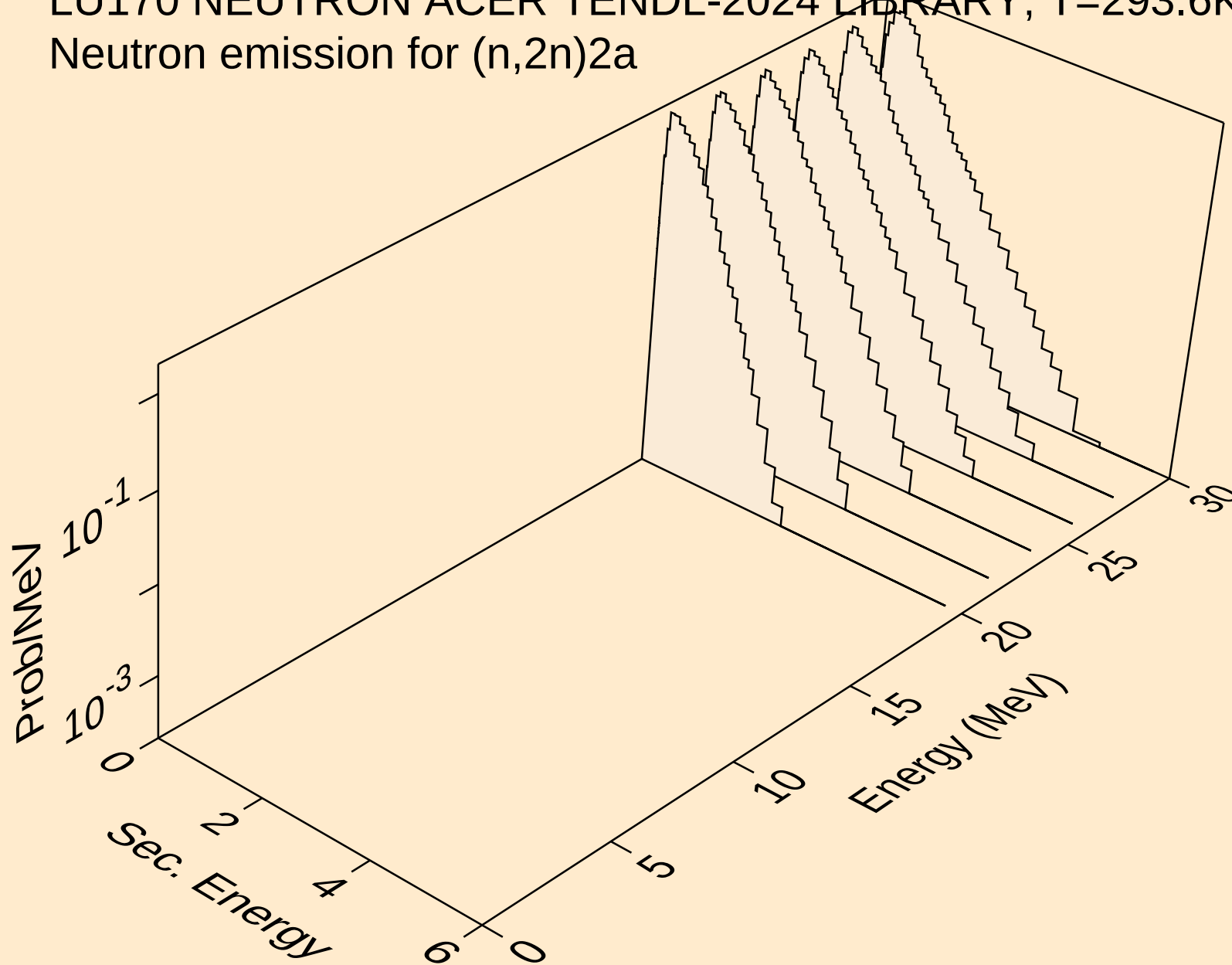
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



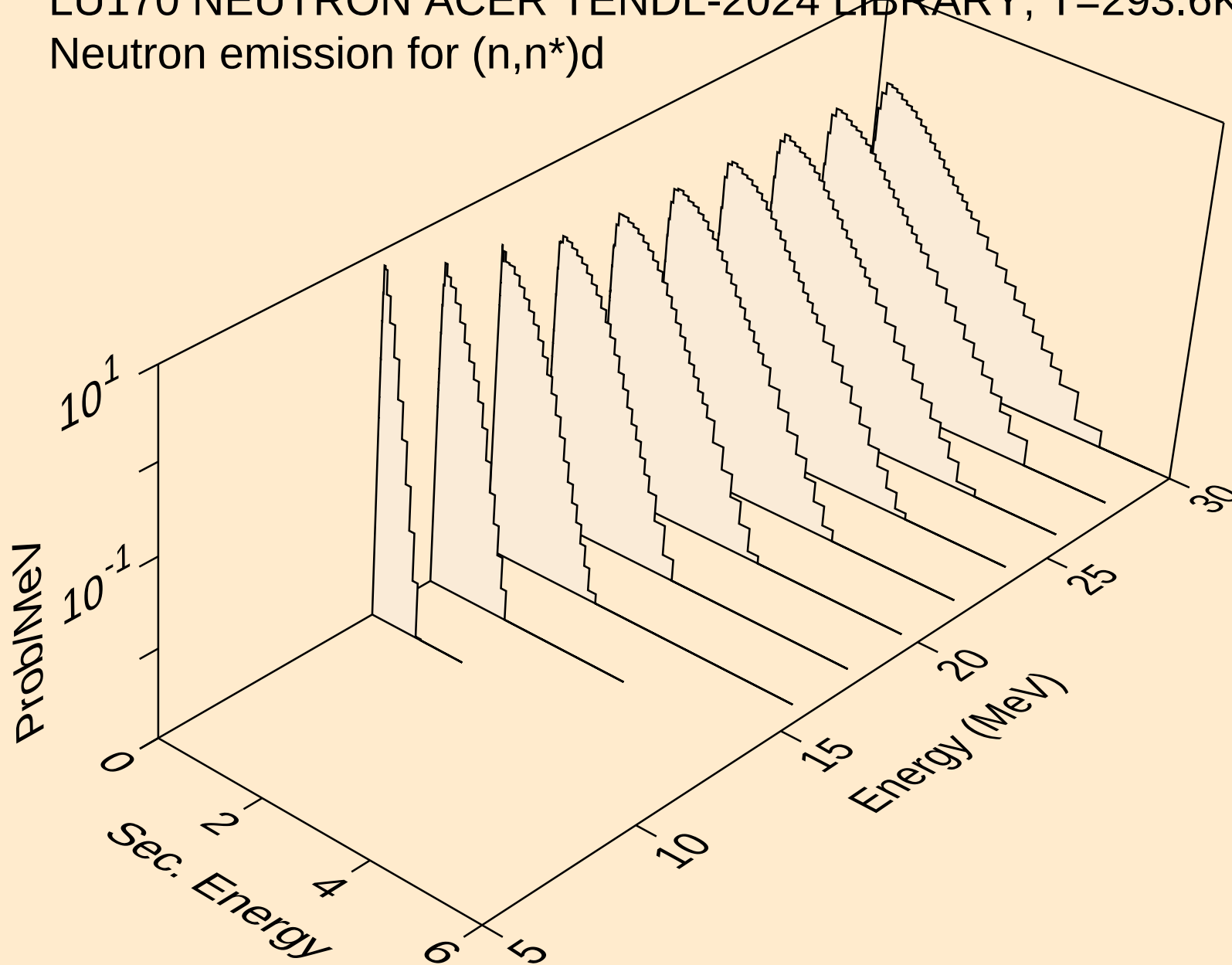
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



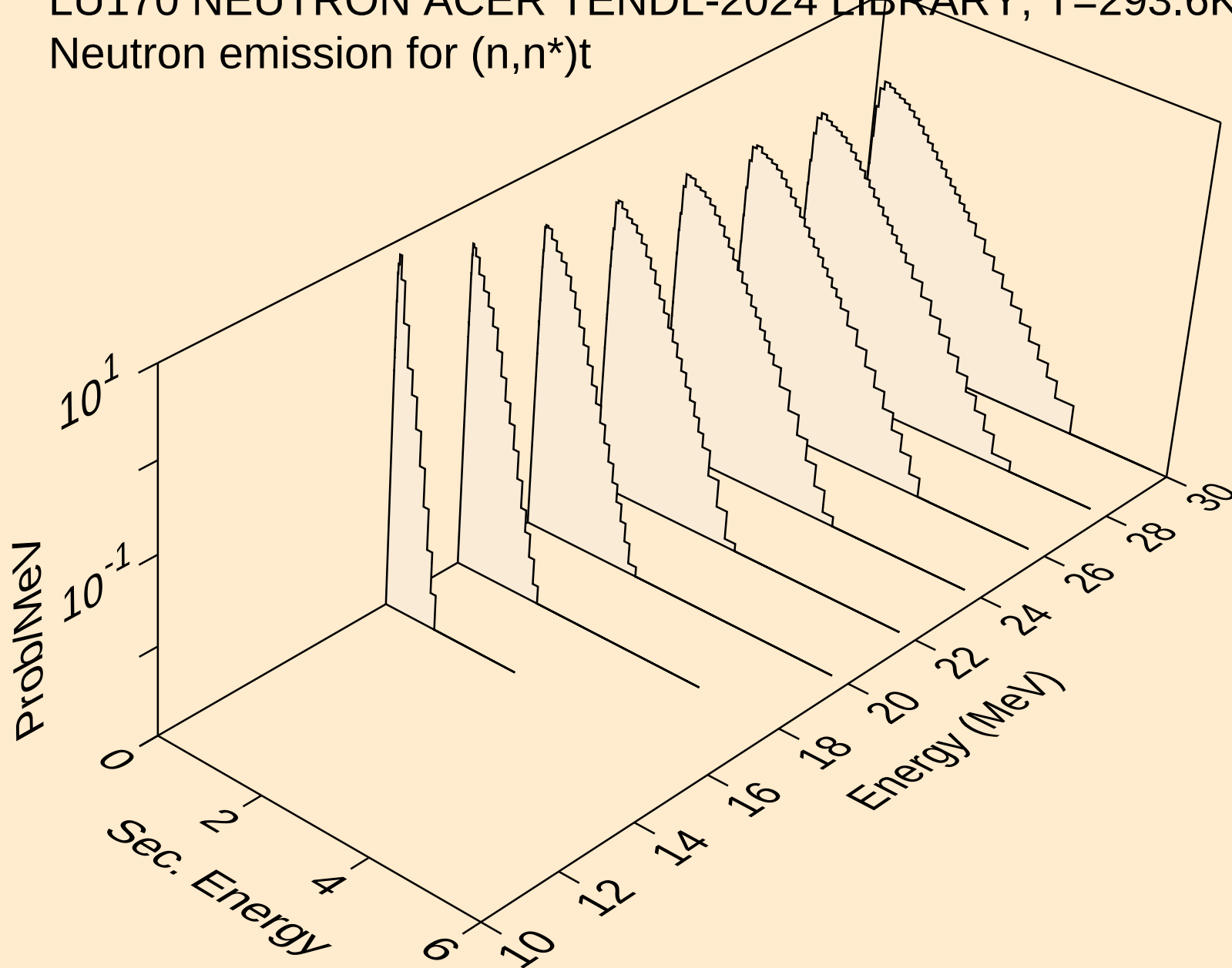
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)2a



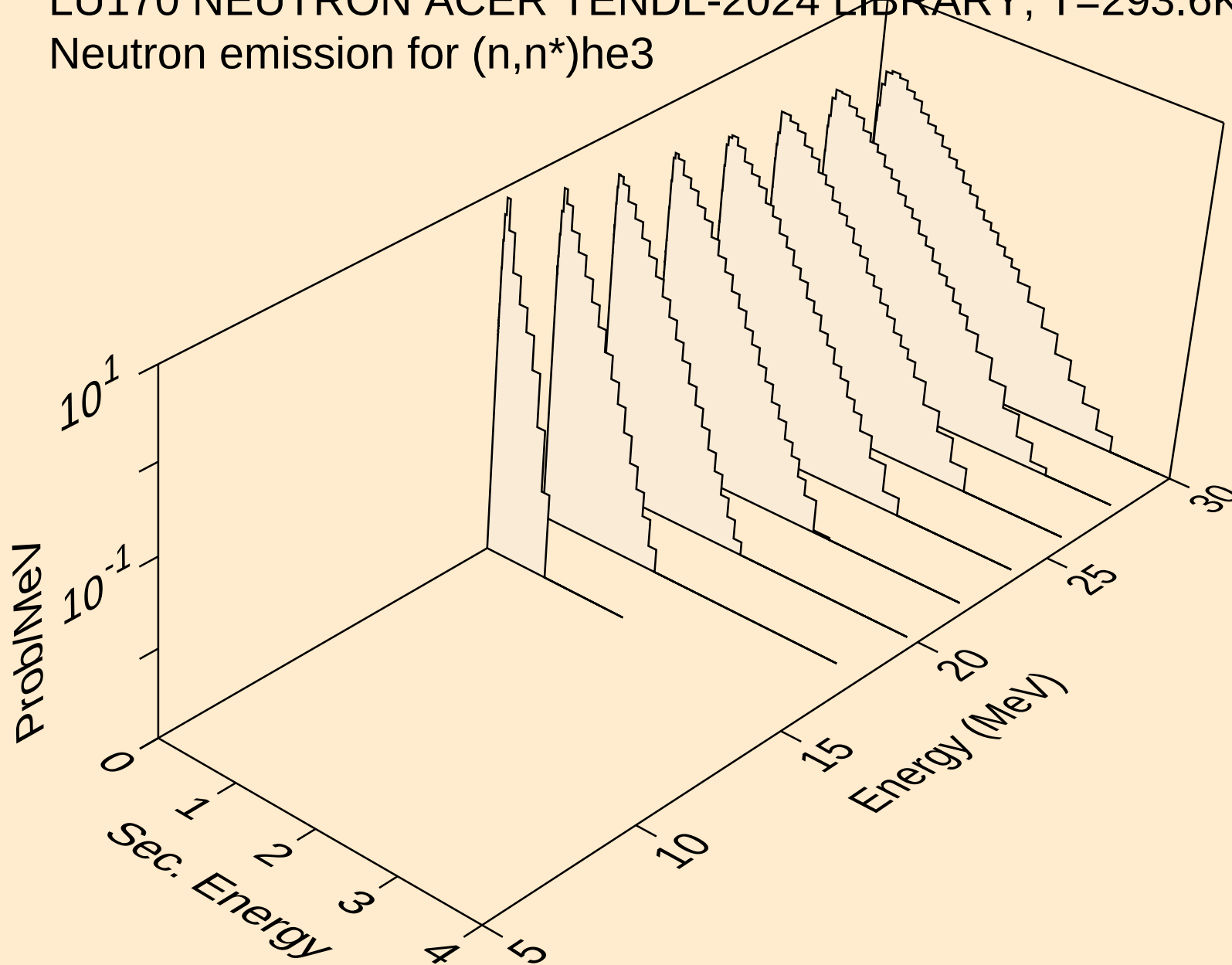
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



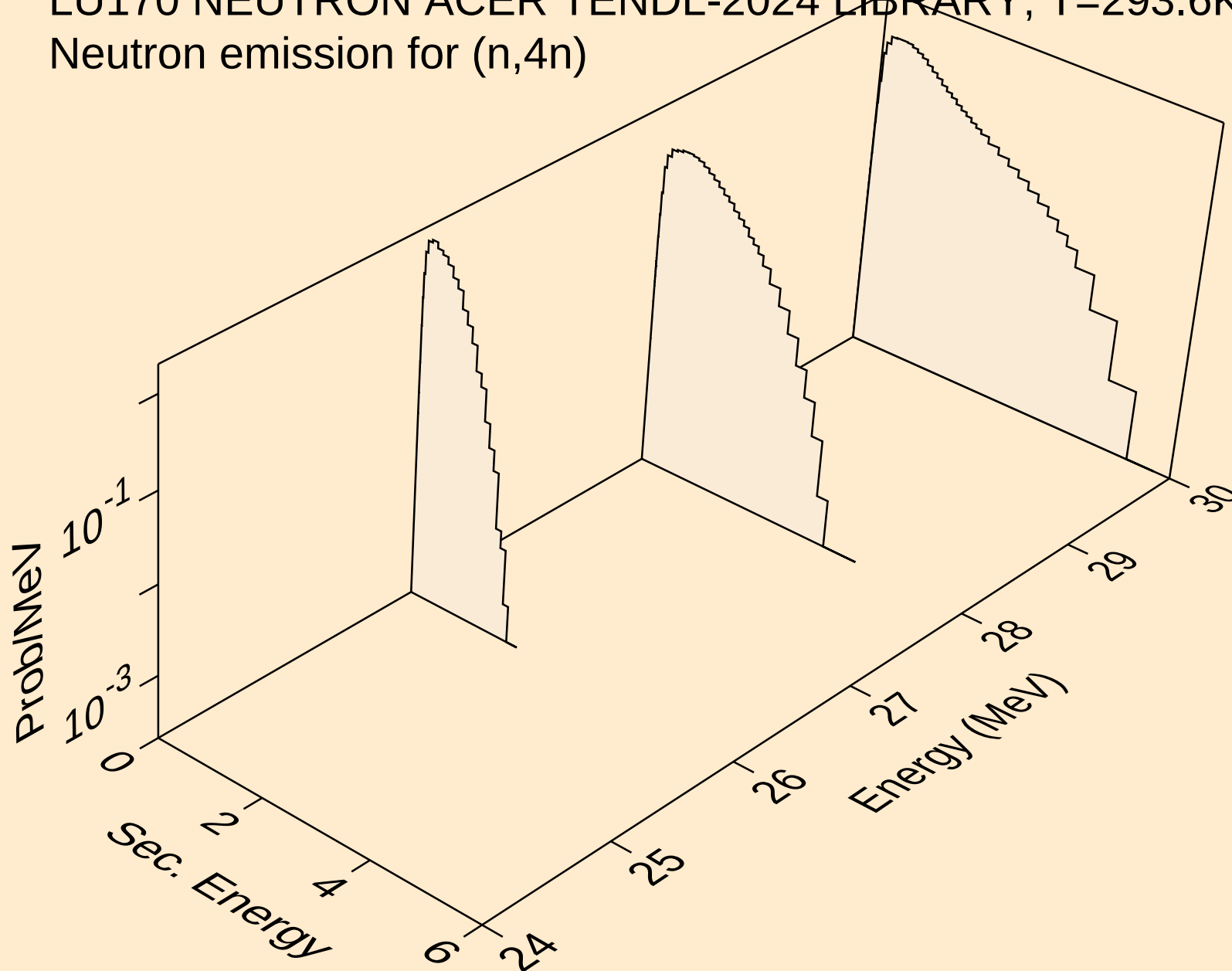
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



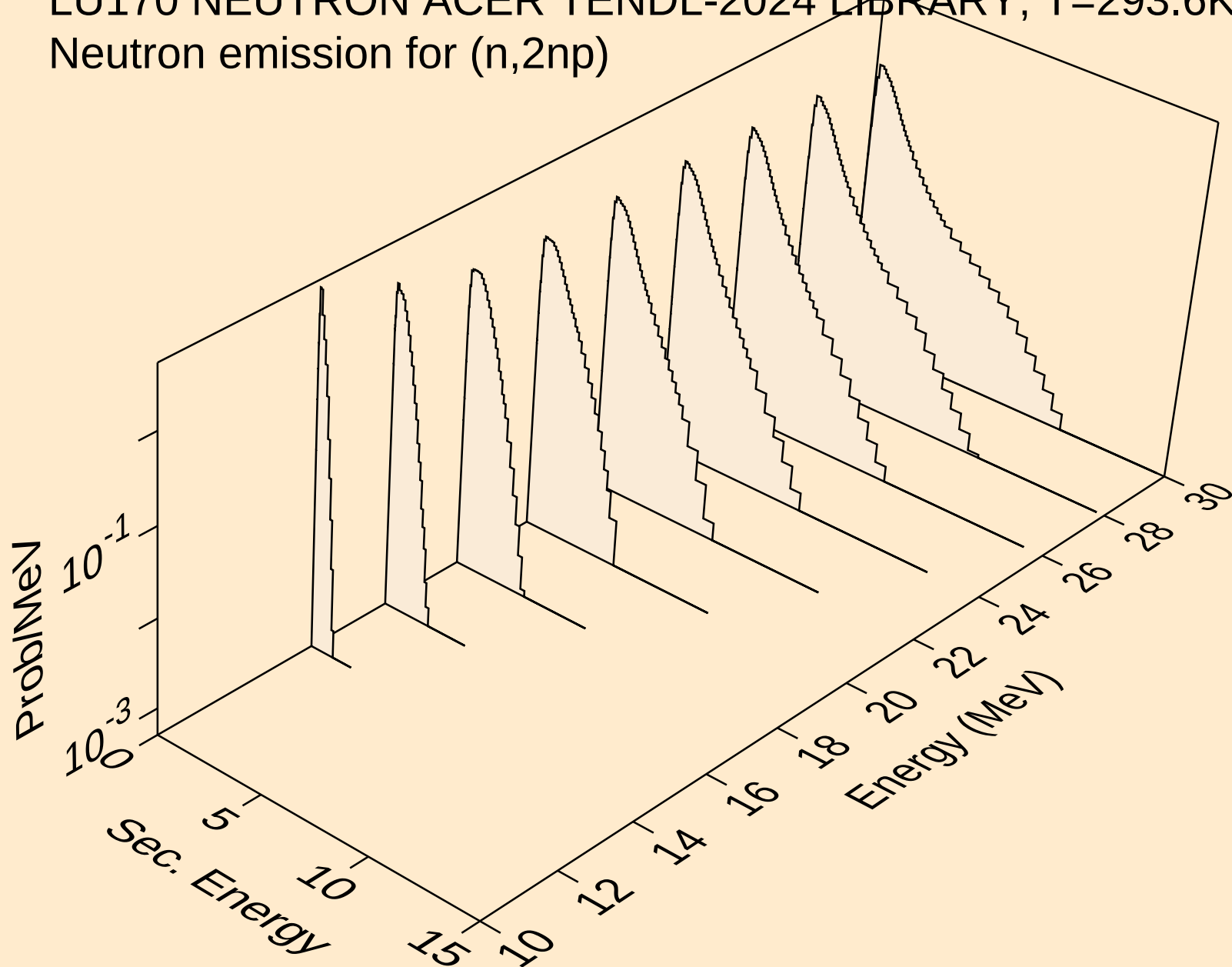
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



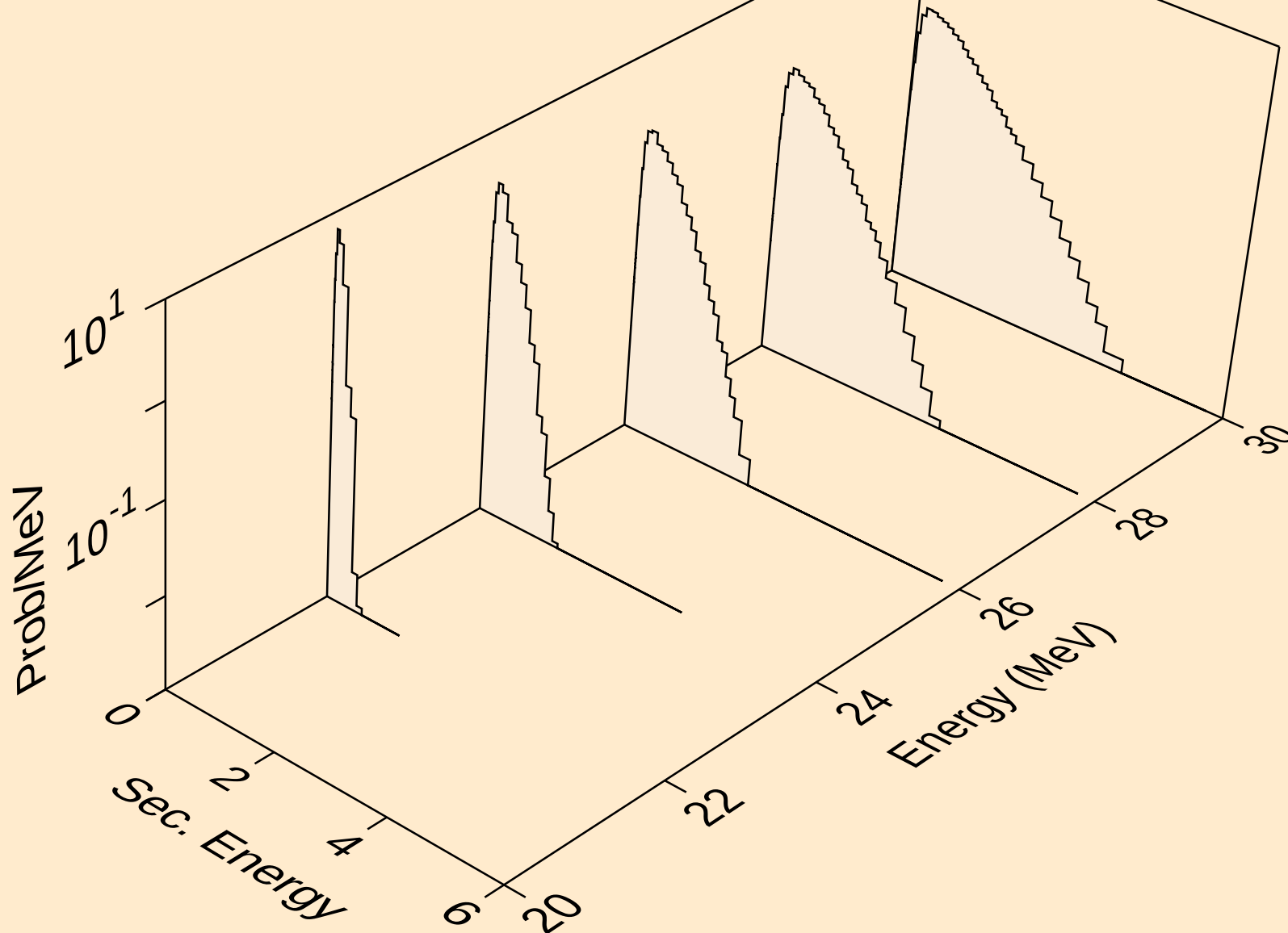
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,4n)



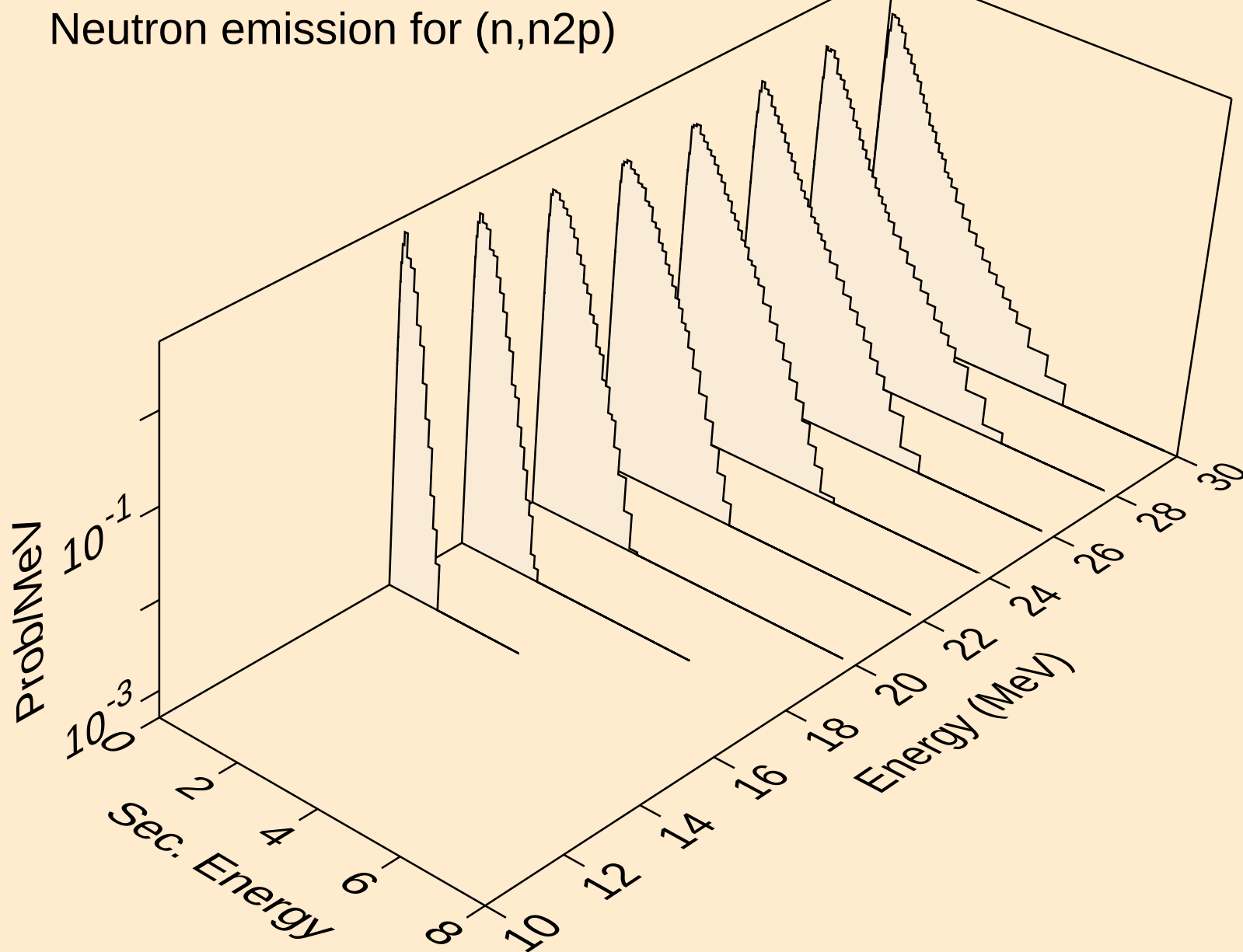
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



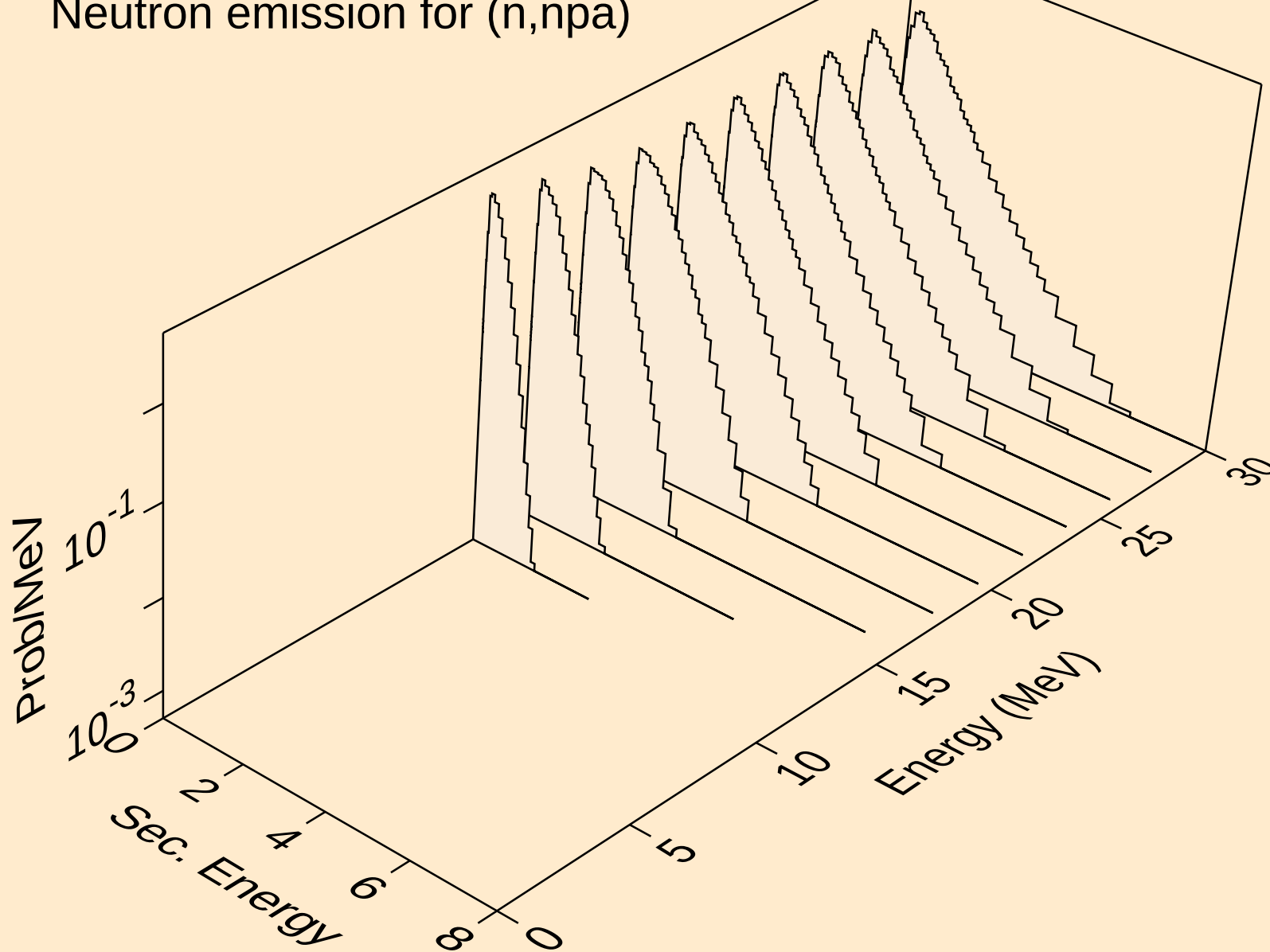
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)



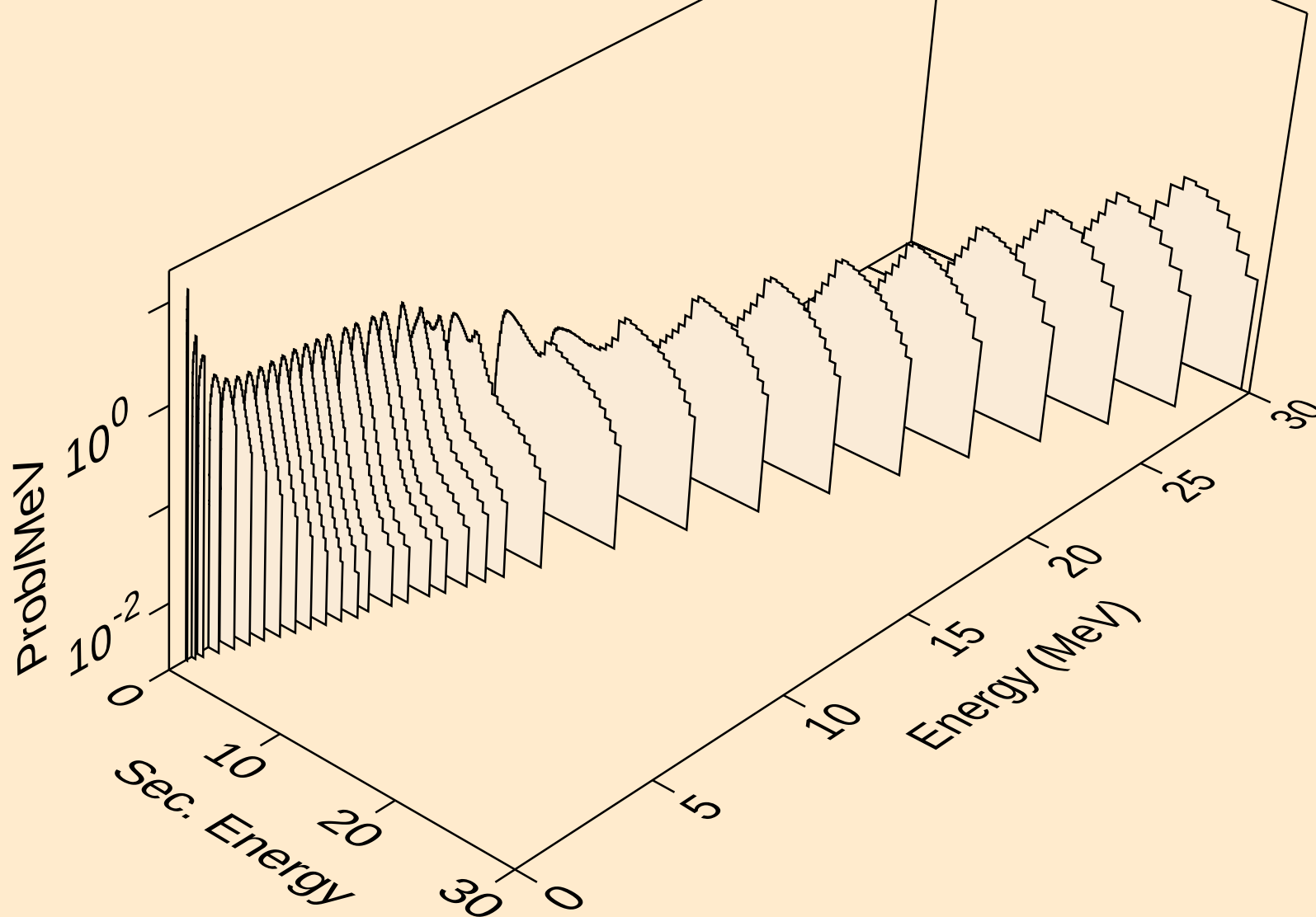
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



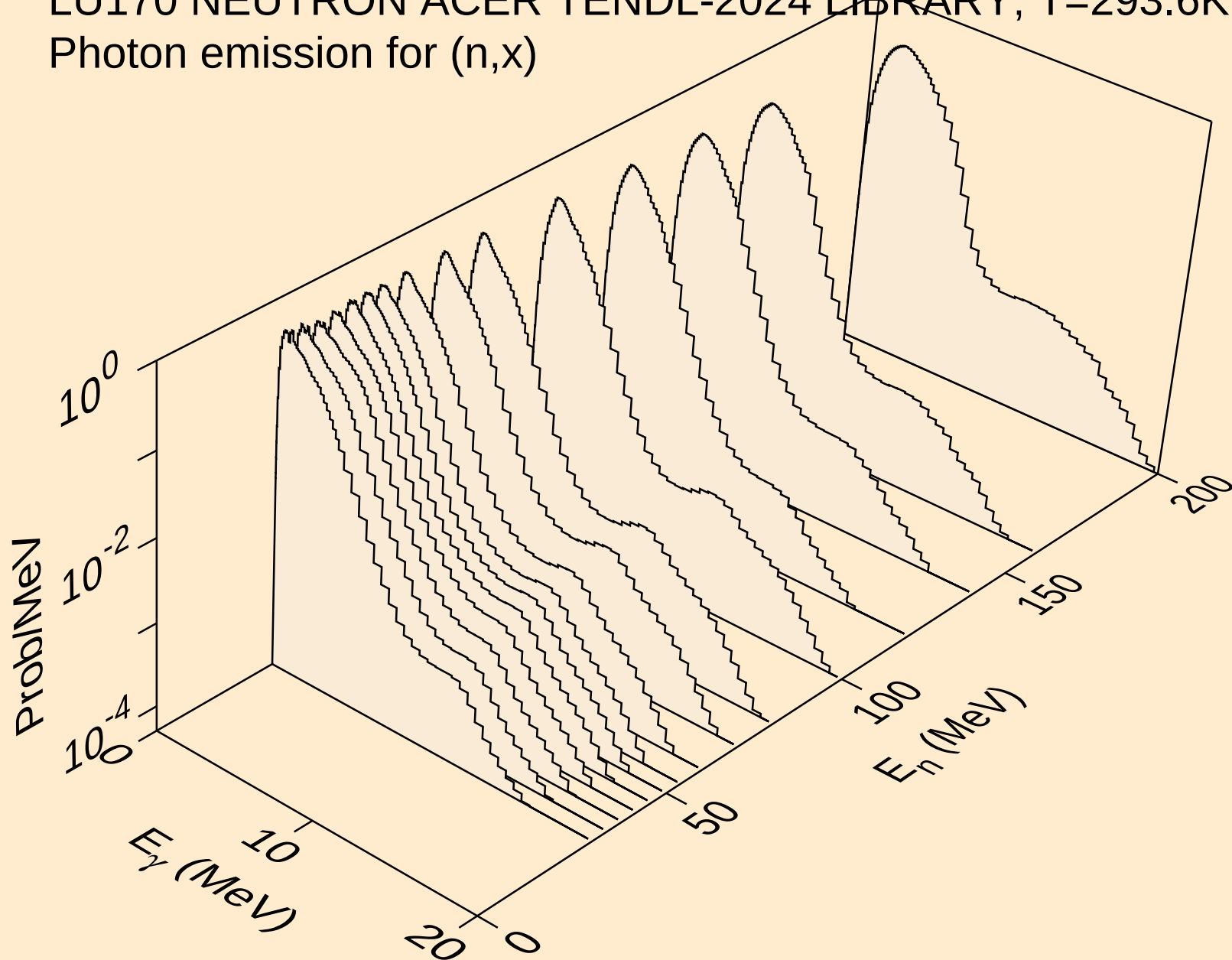
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



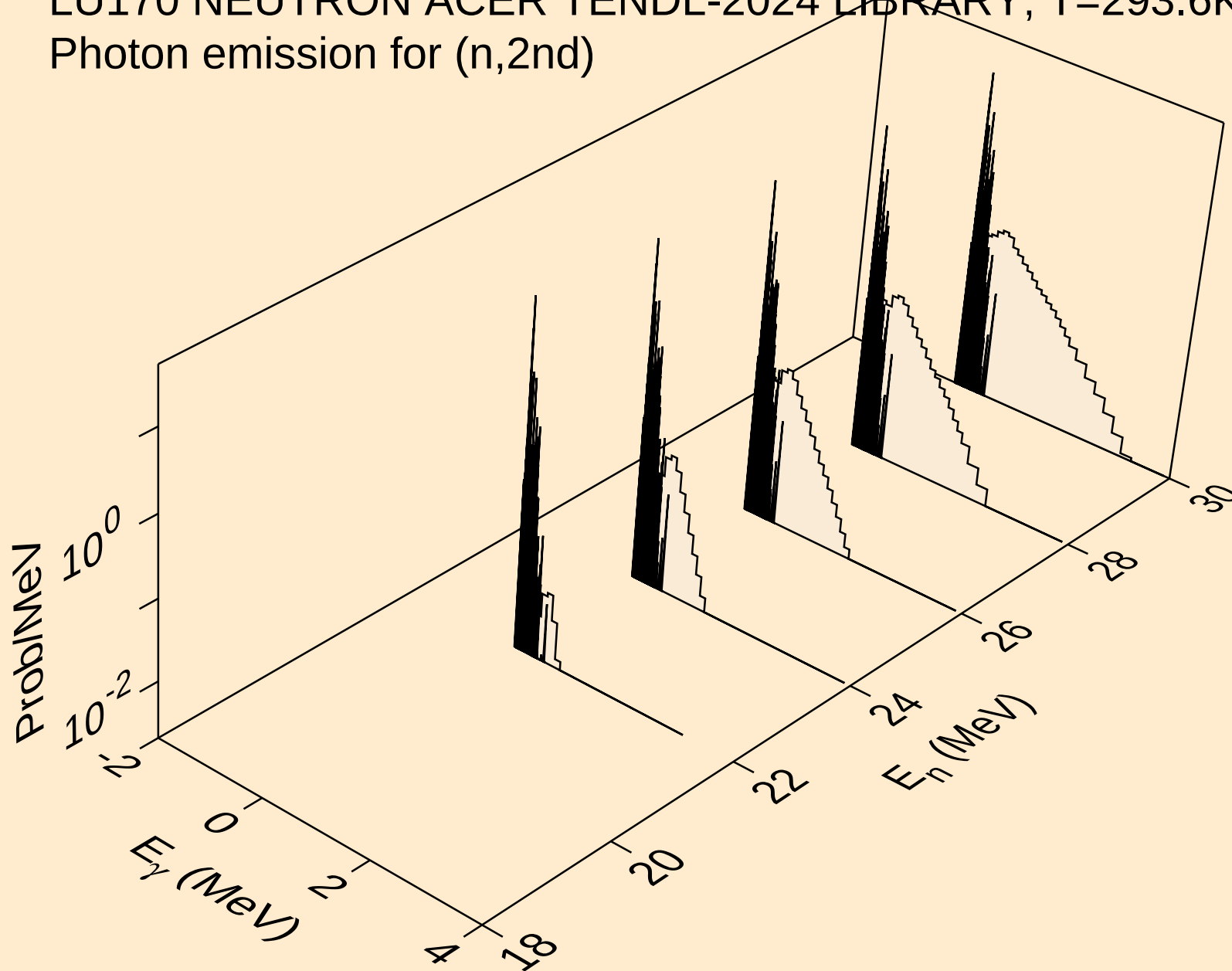
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



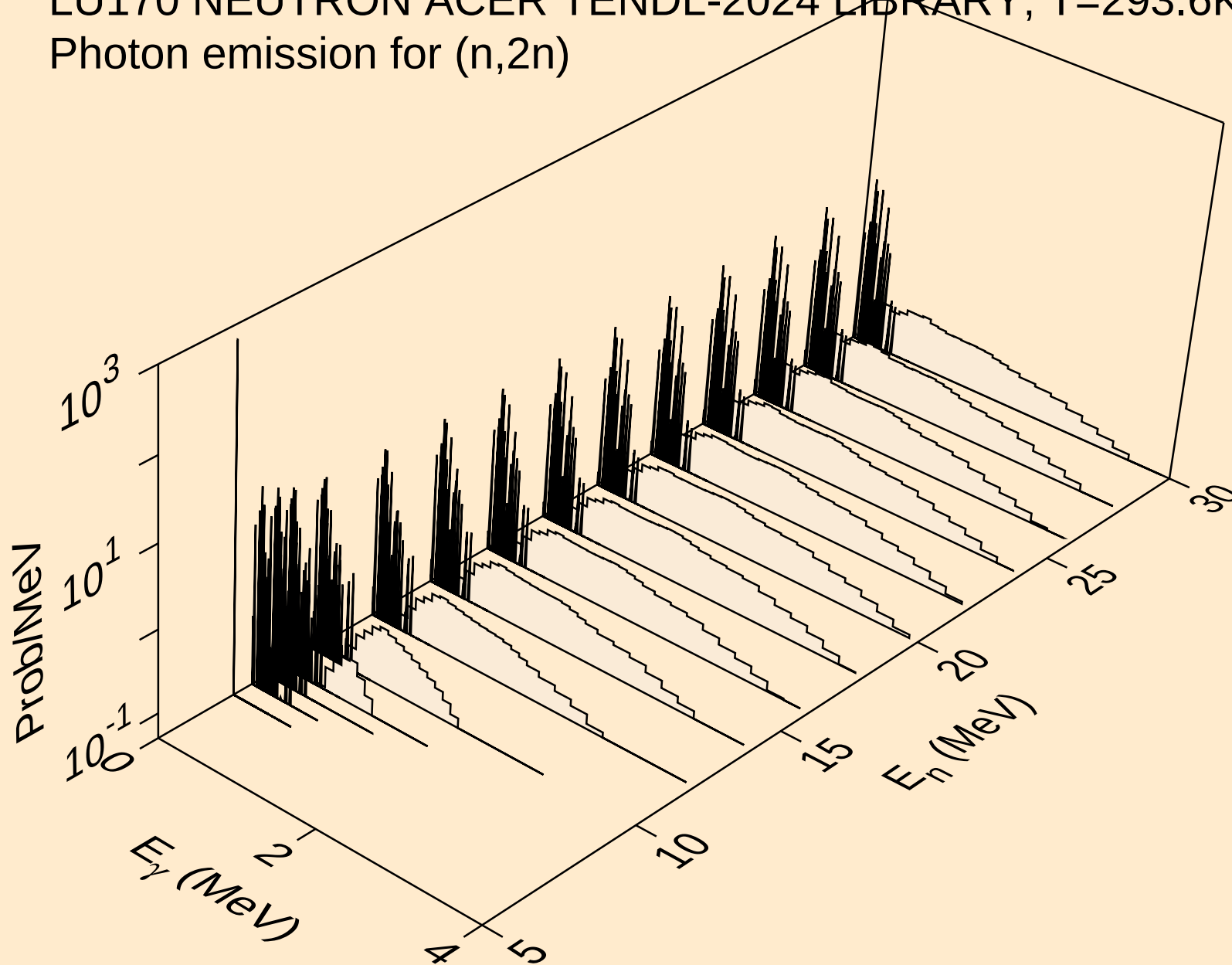
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



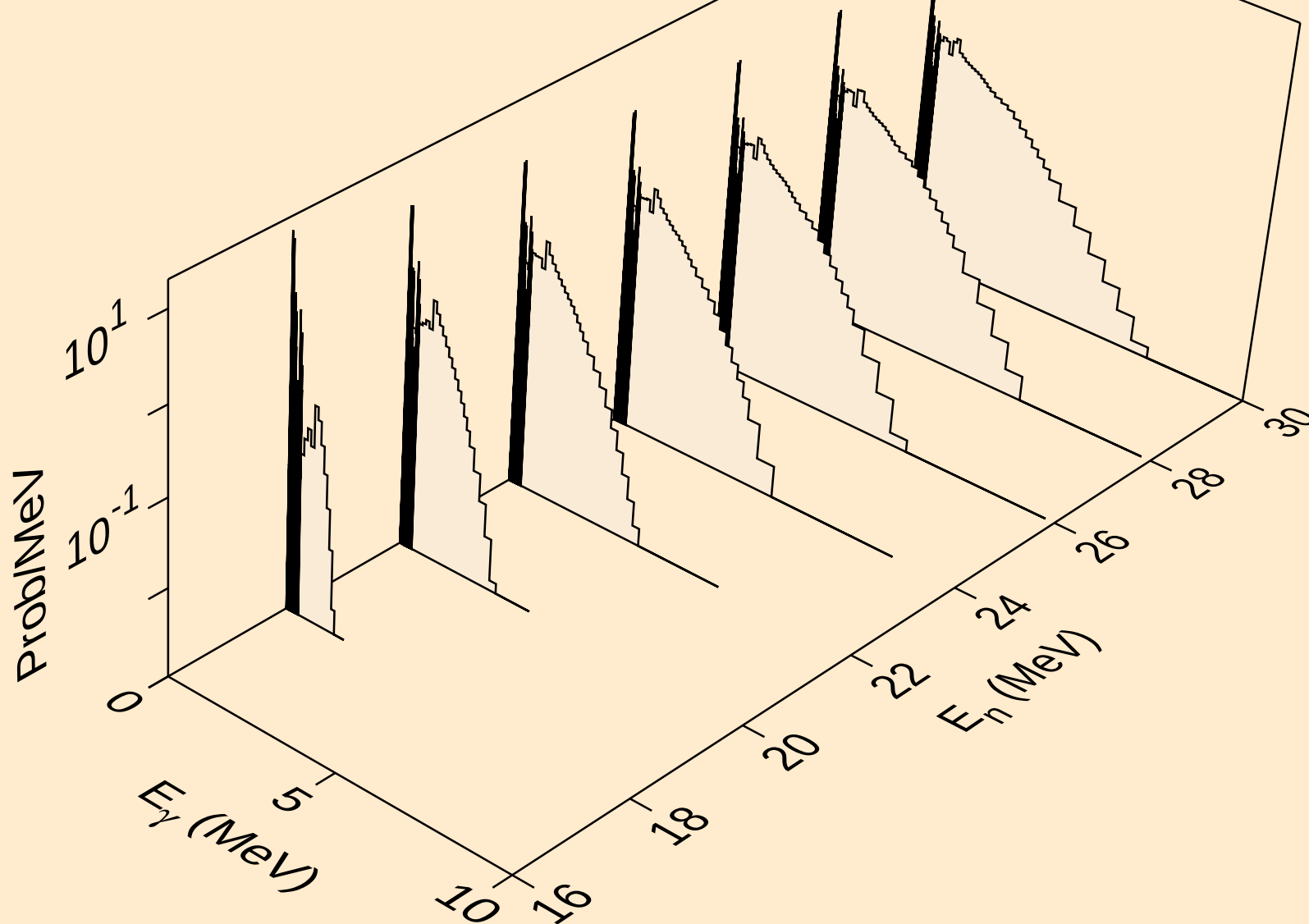
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)

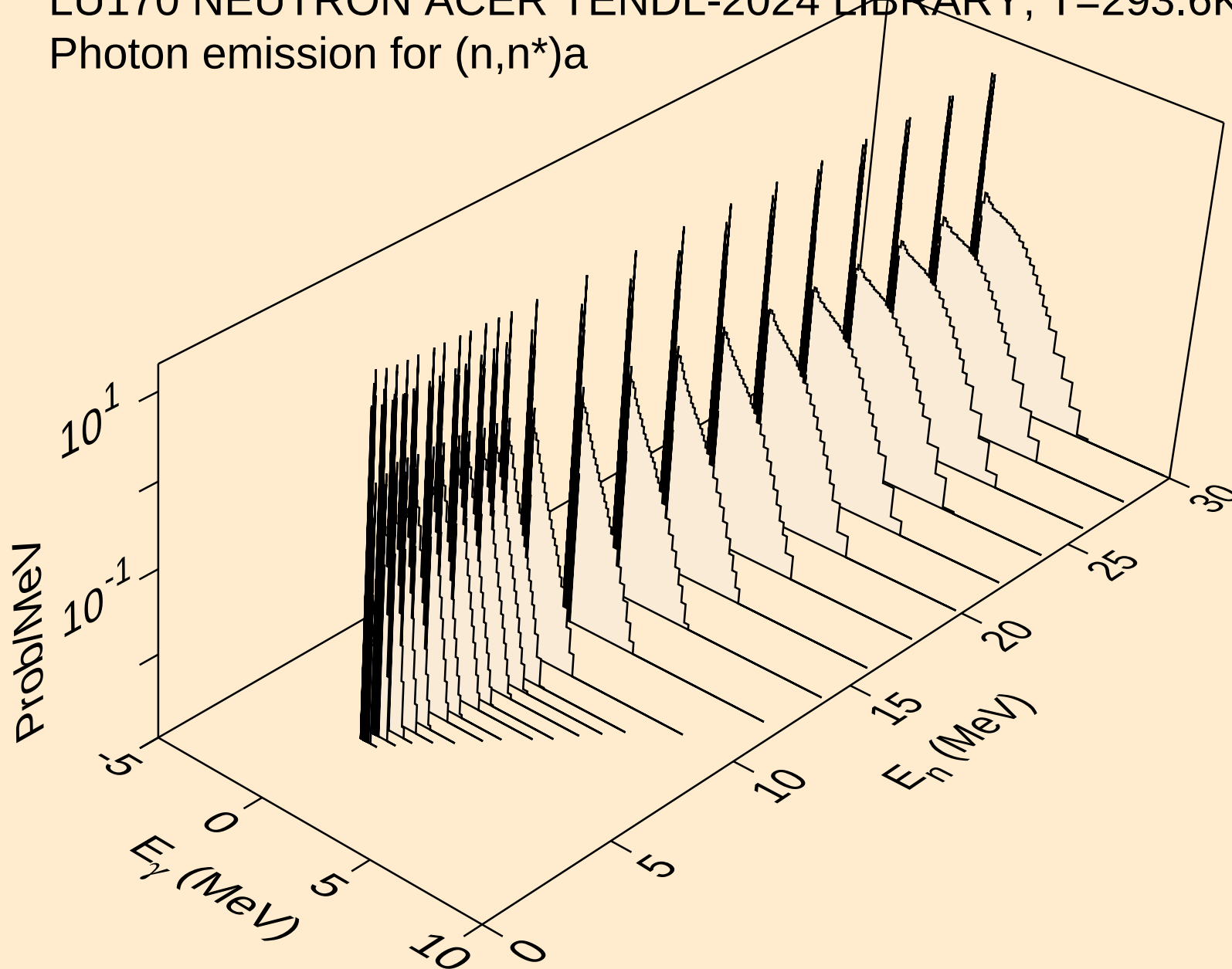


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)

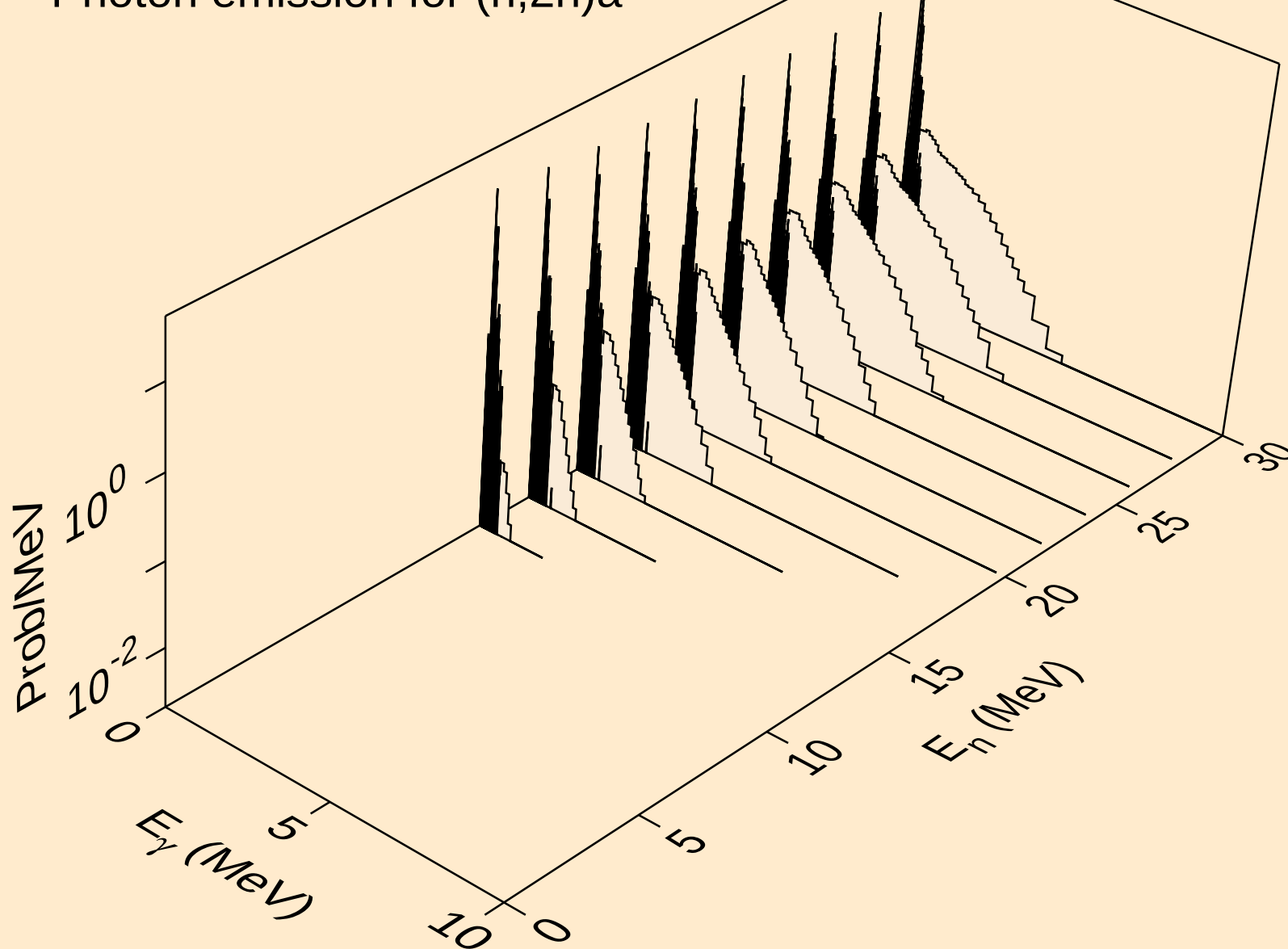


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

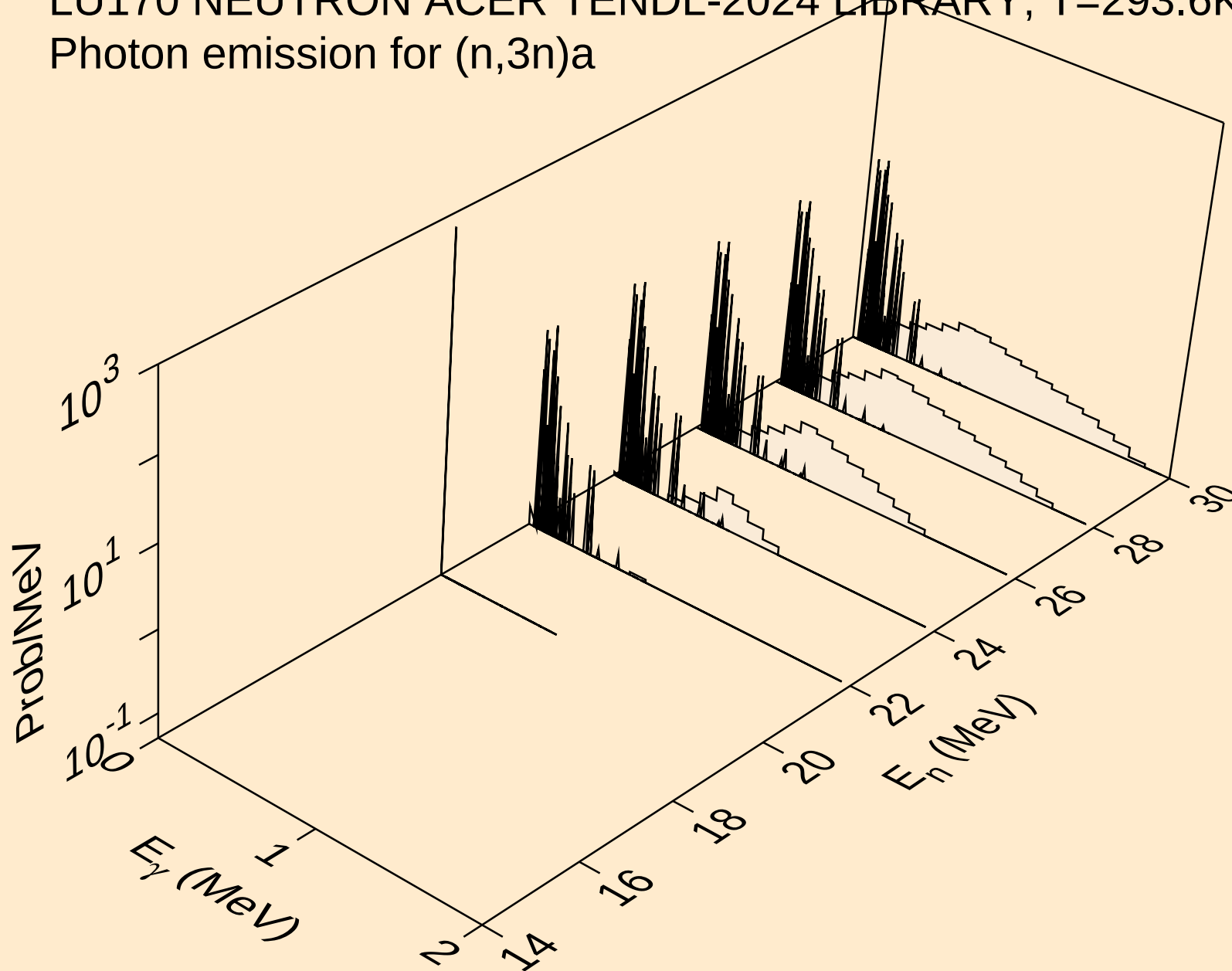
Photon emission for (n,n*)a



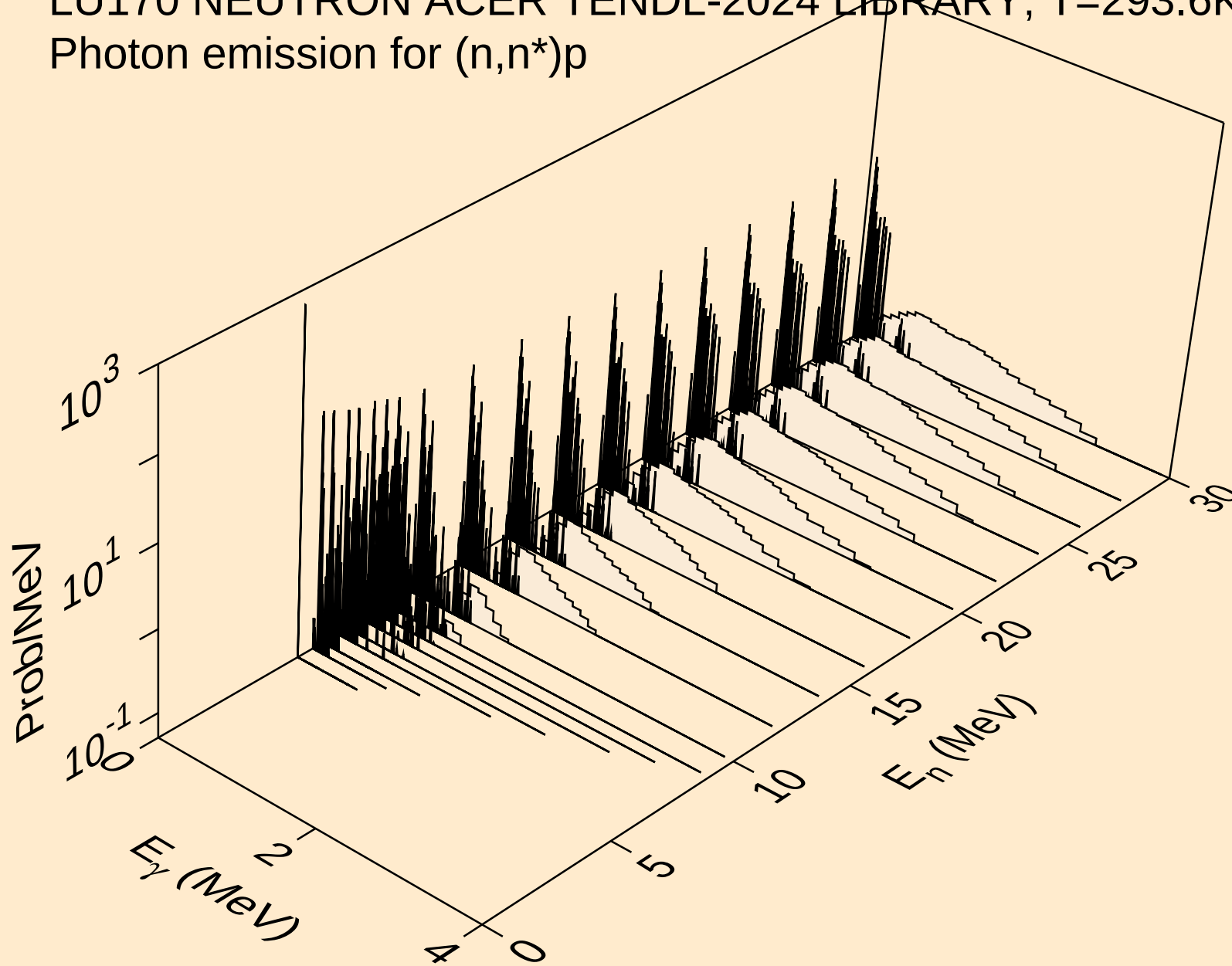
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n) α



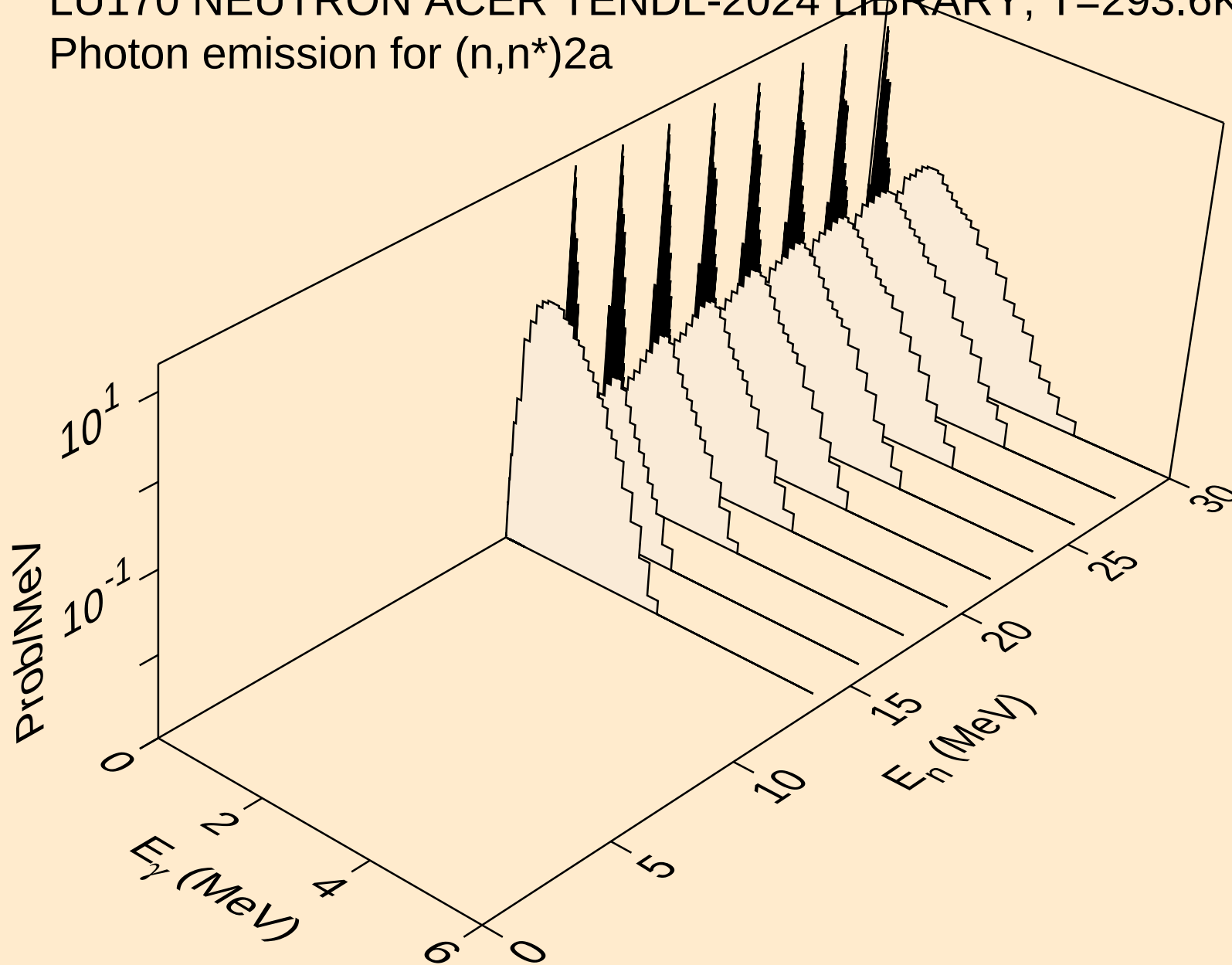
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n) α



LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p

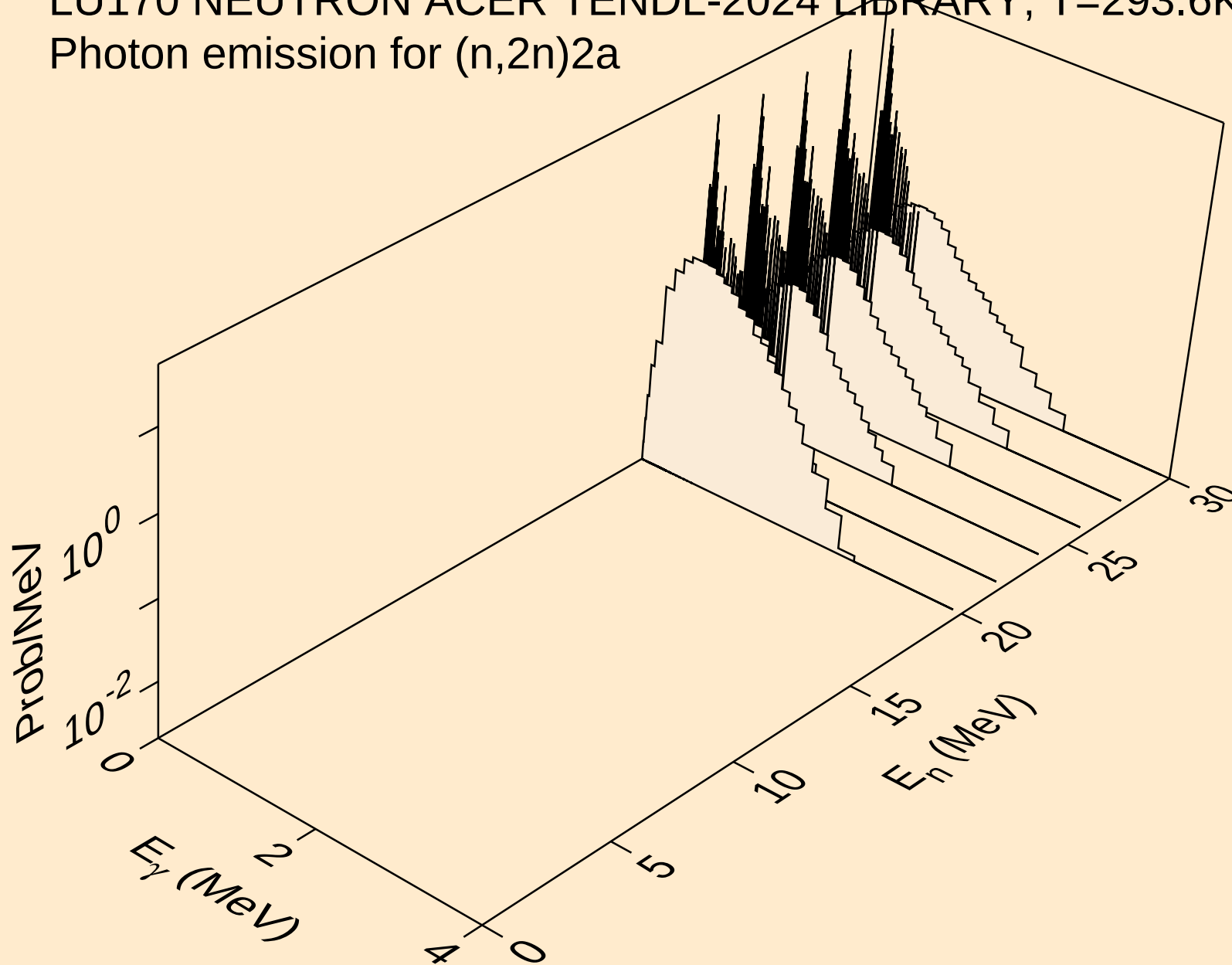


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a

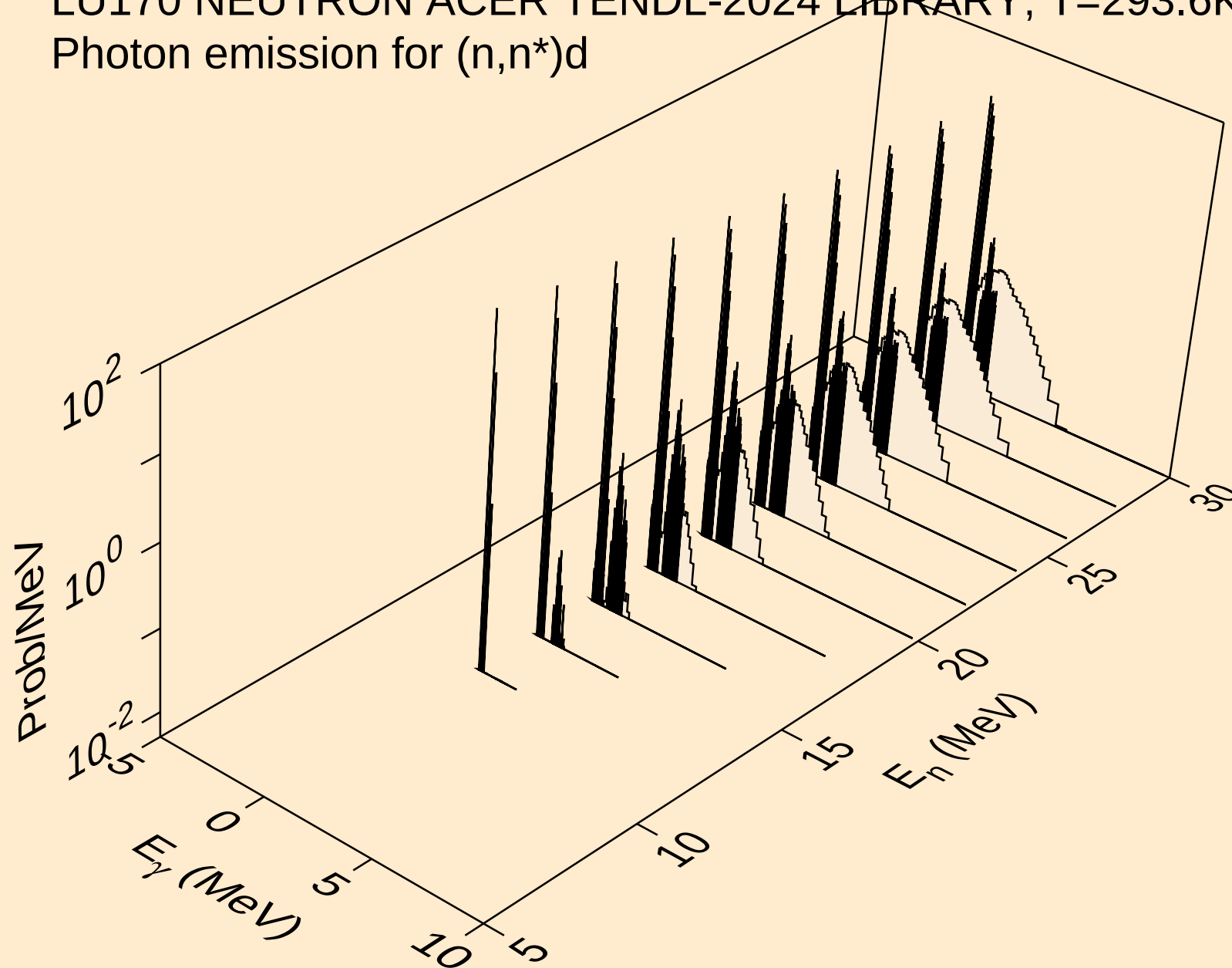


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,2n)2a

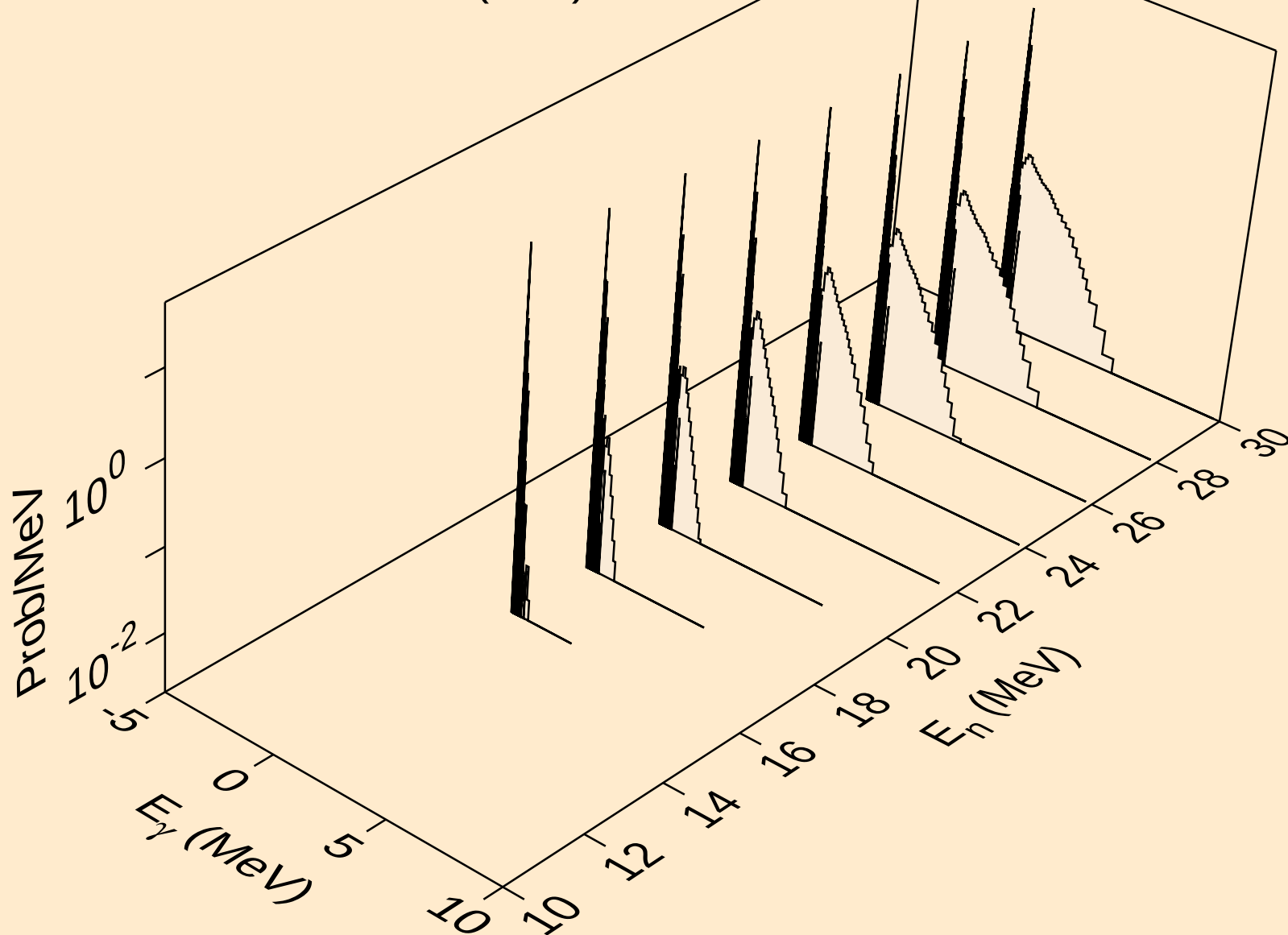


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d

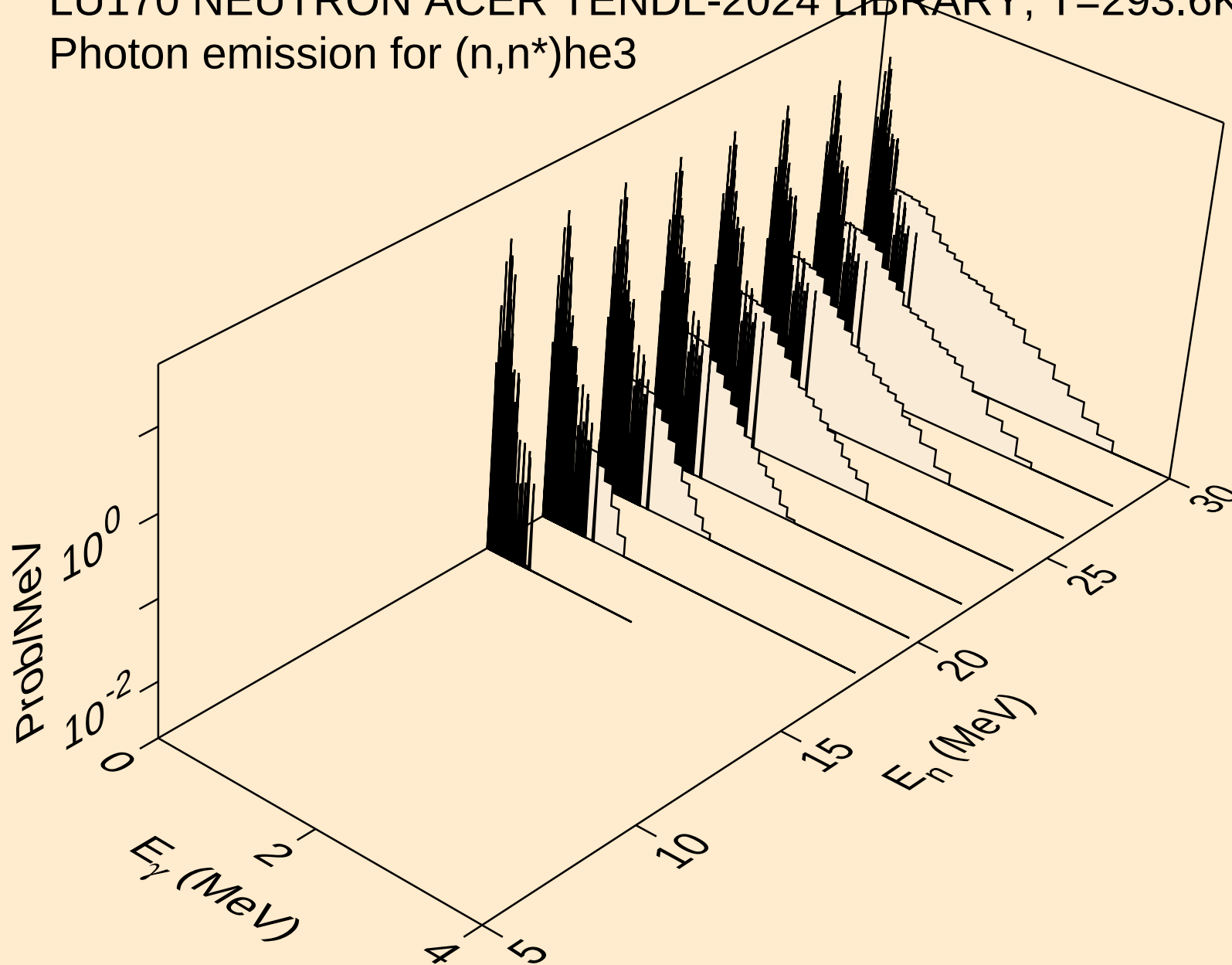


LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

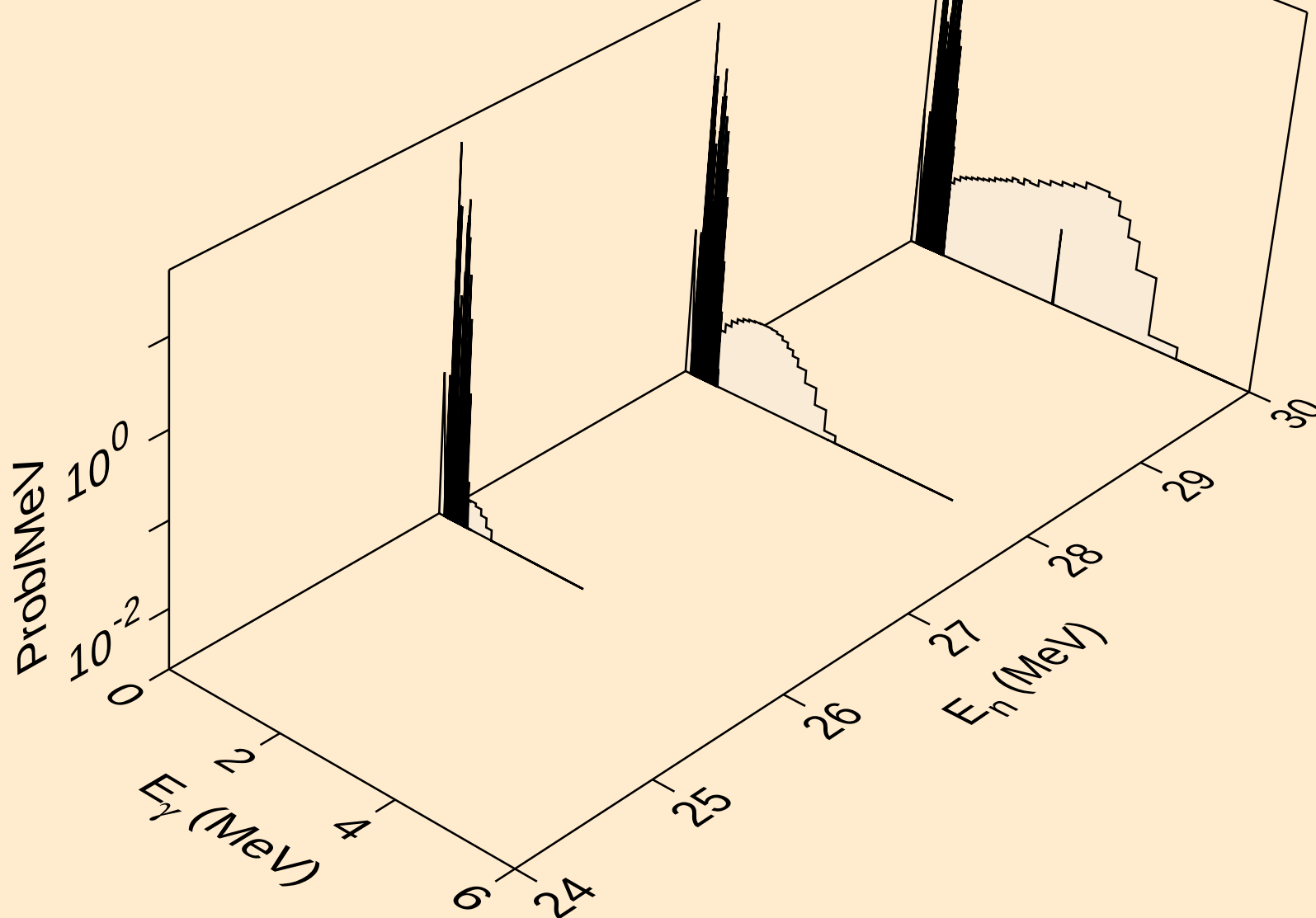
Photon emission for (n,n*)t



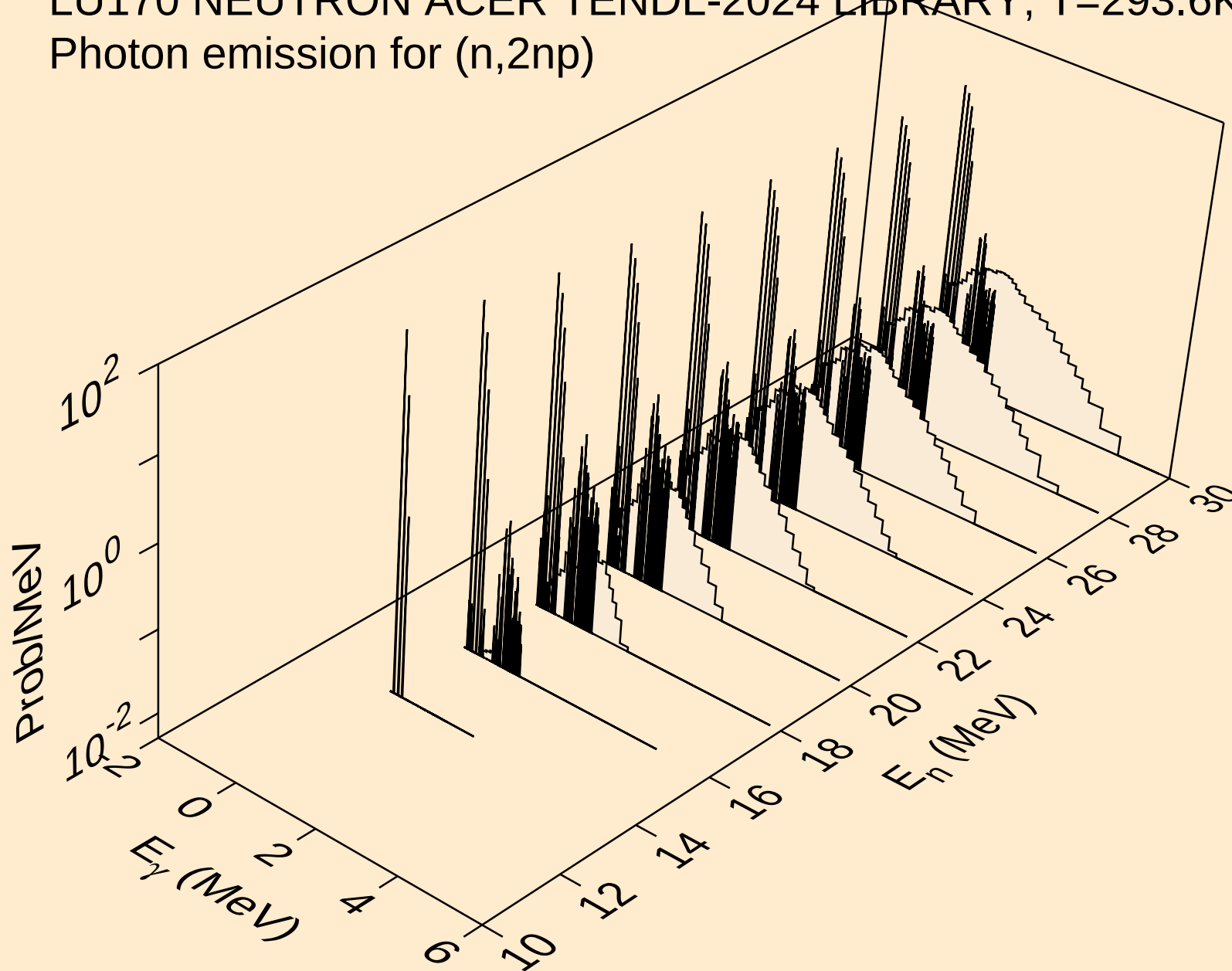
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



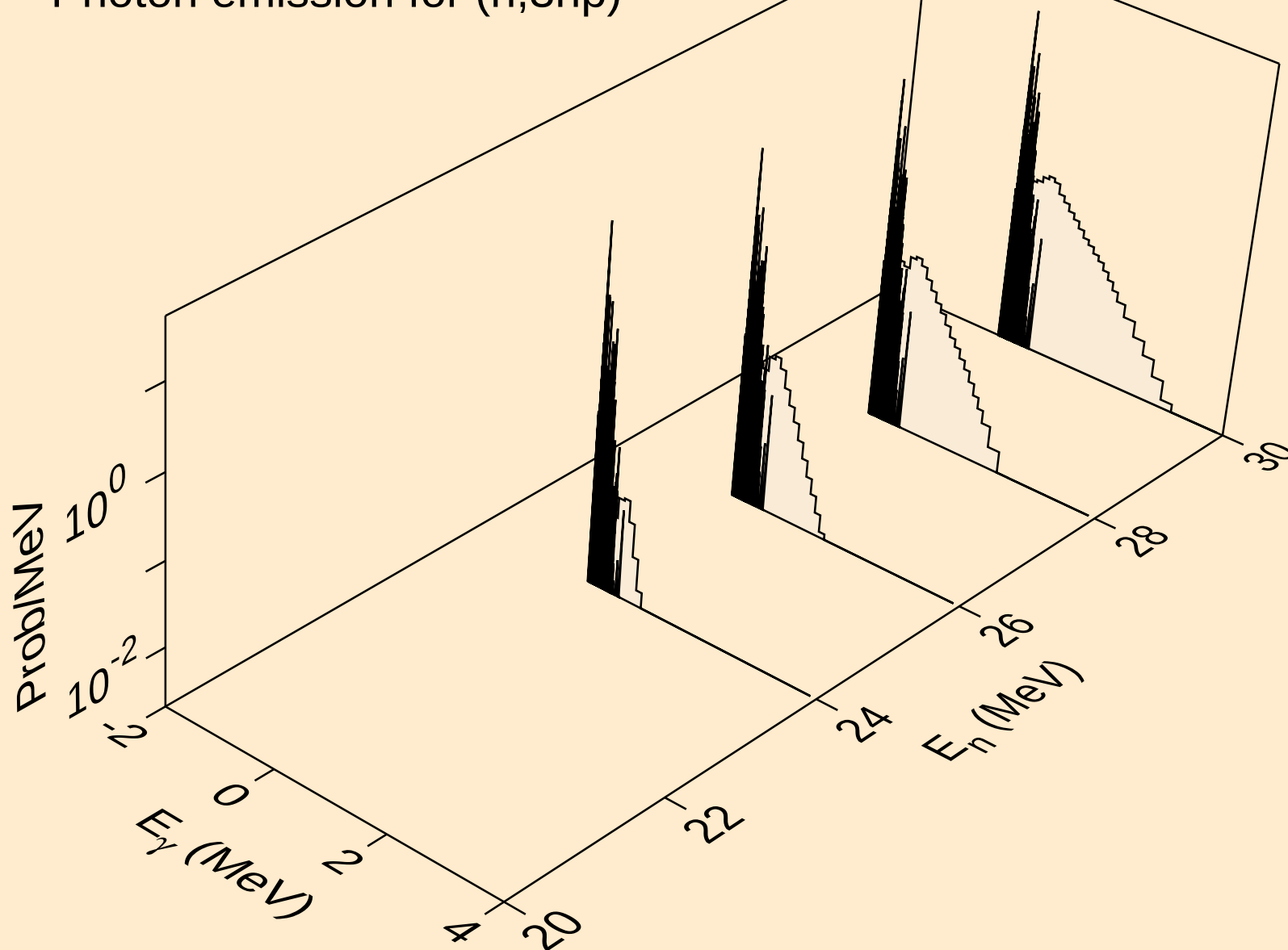
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,4n)



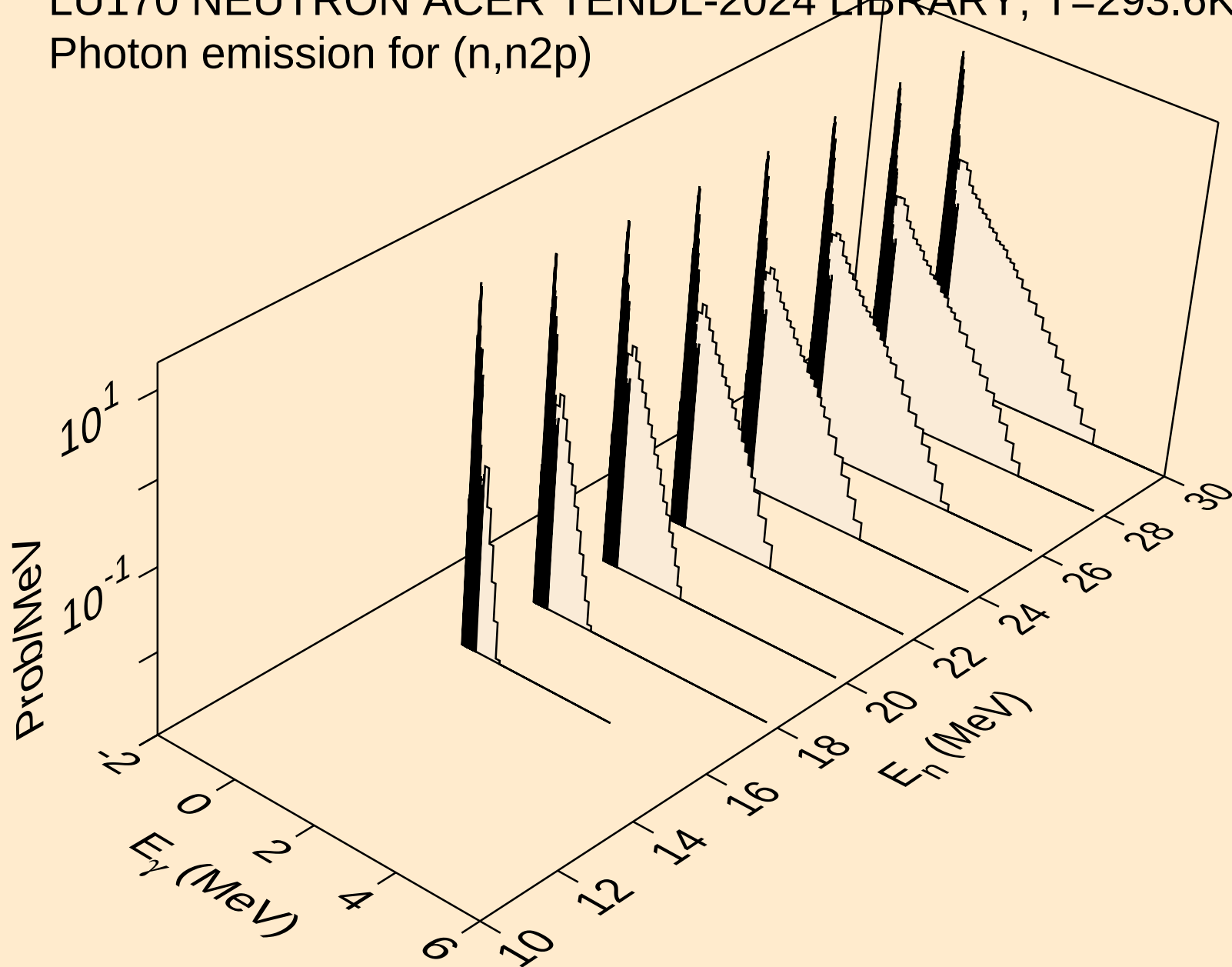
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



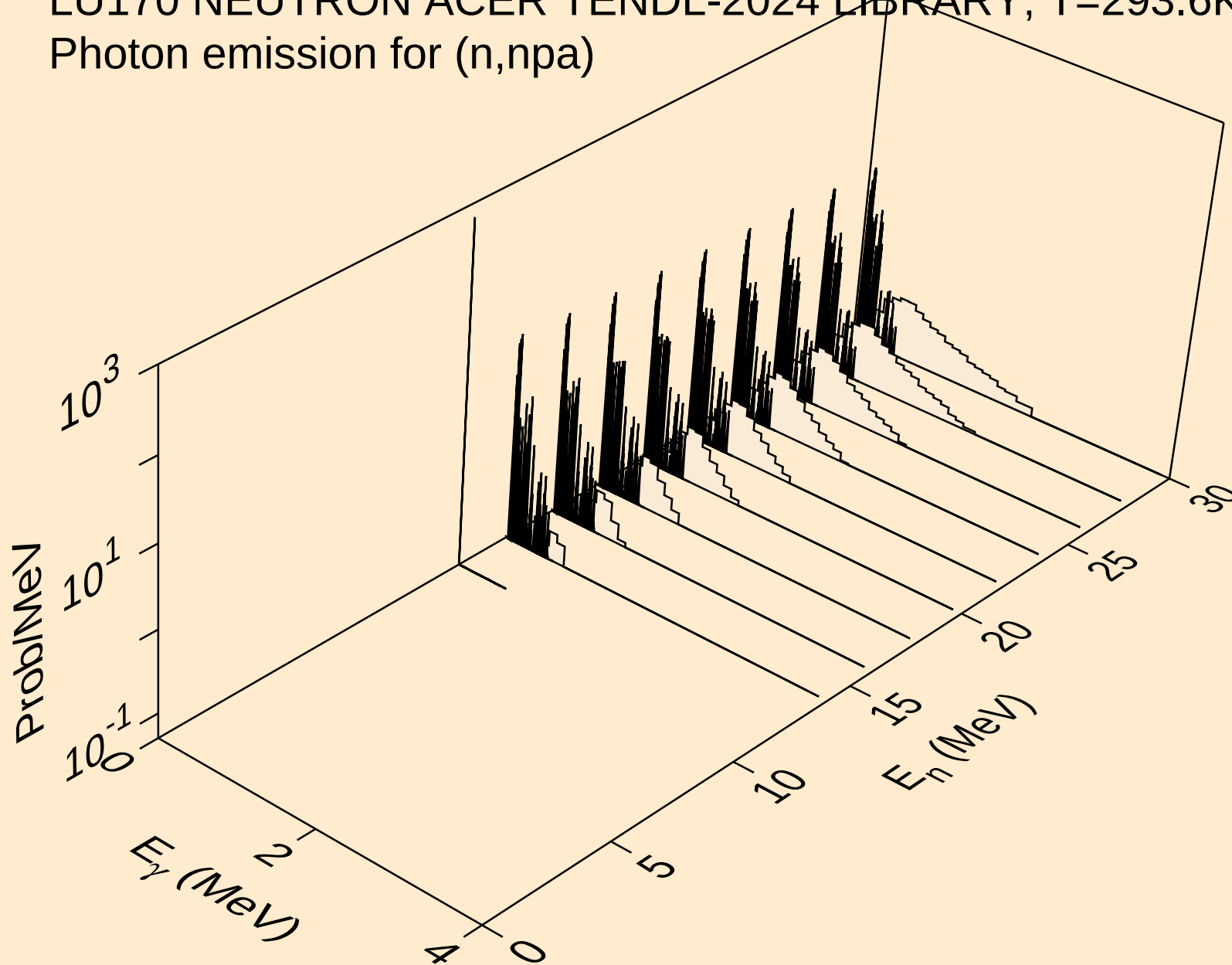
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



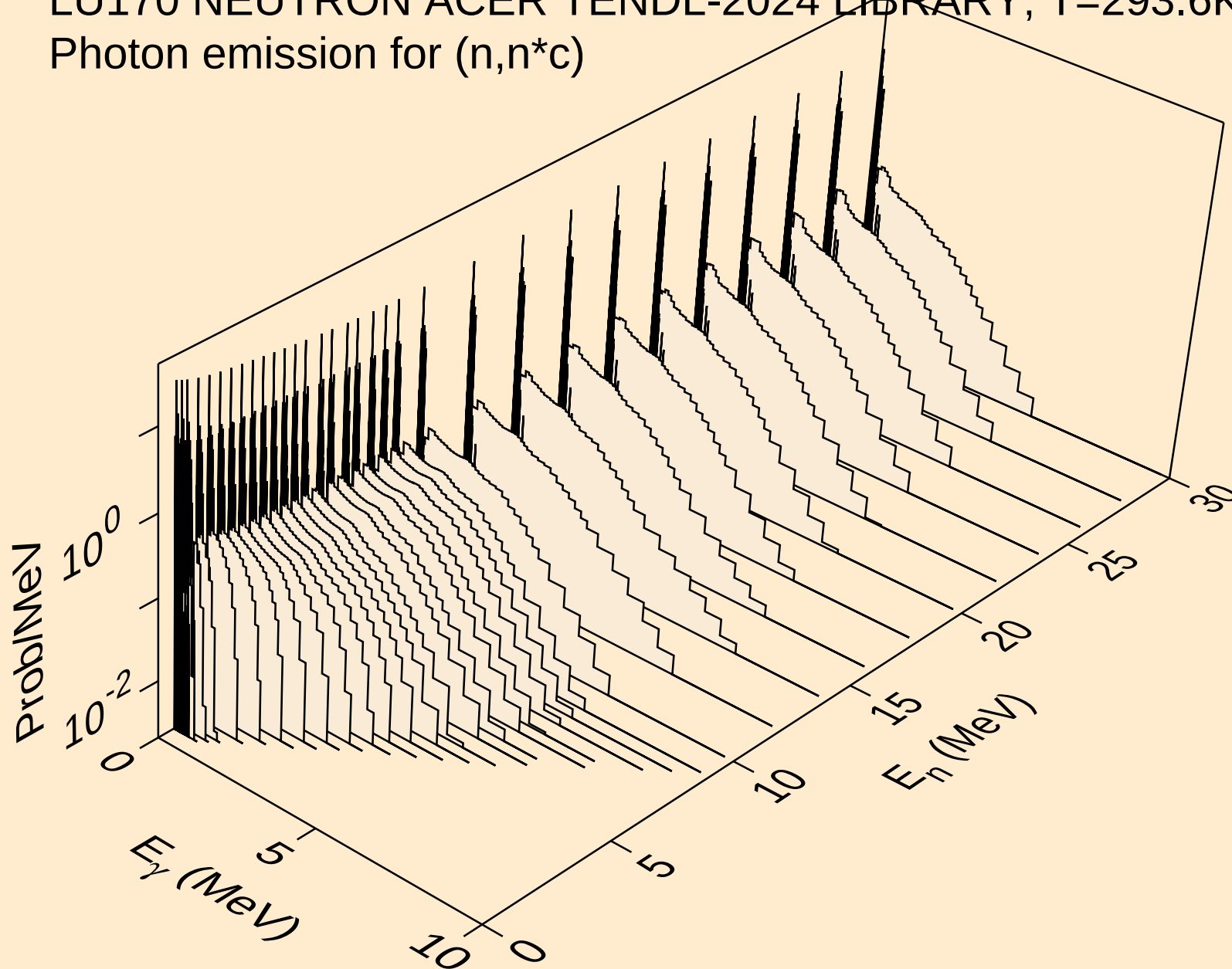
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



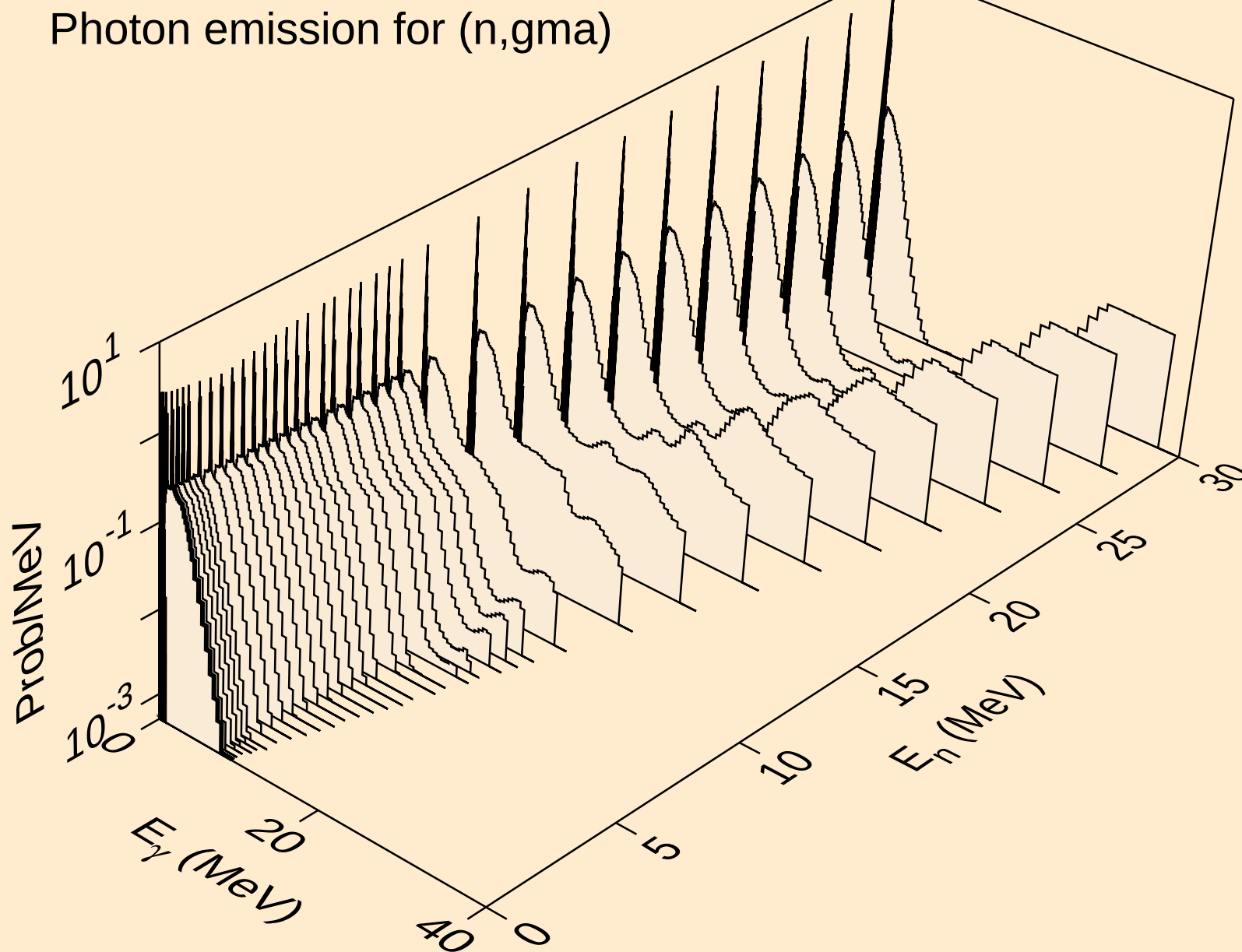
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



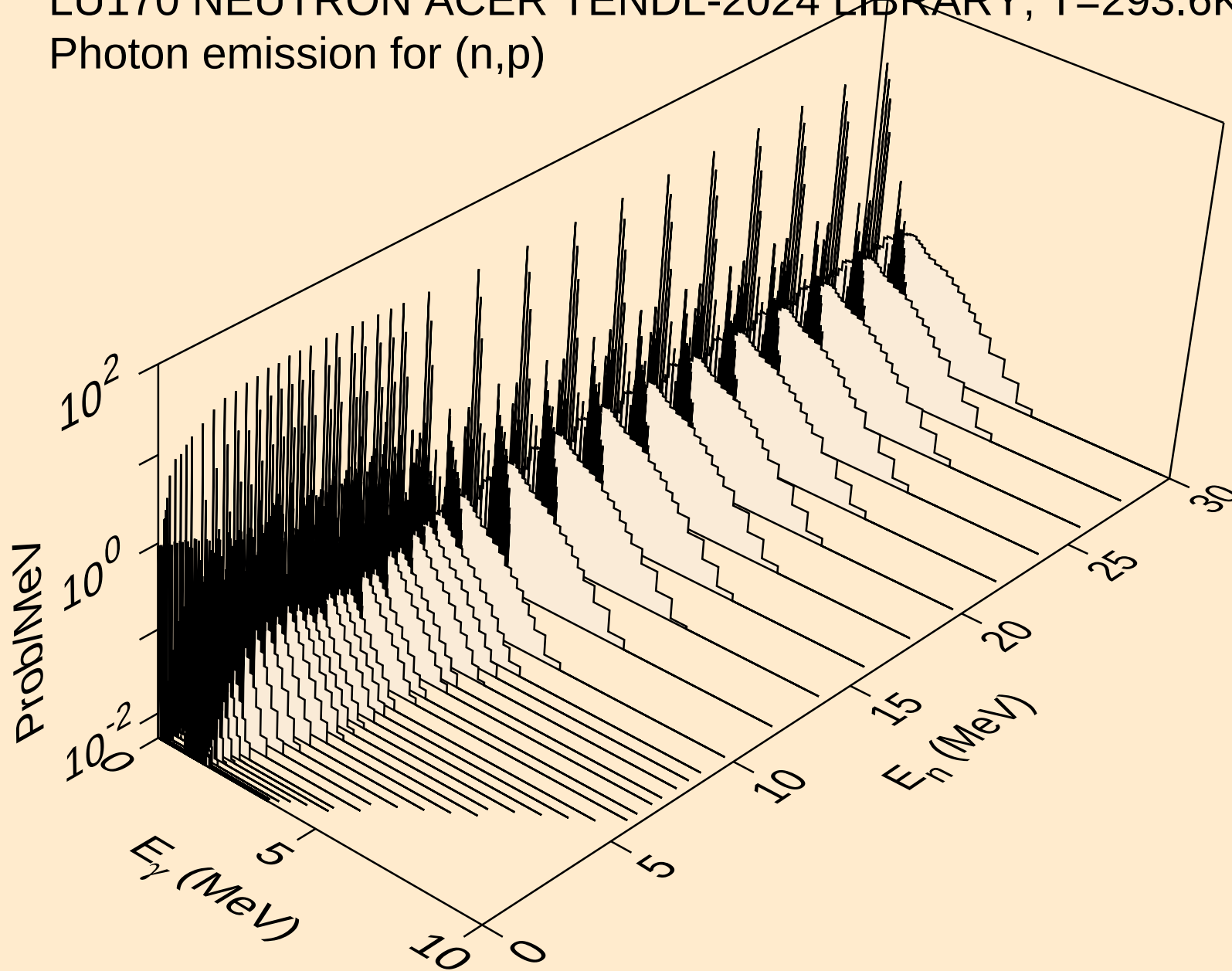
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



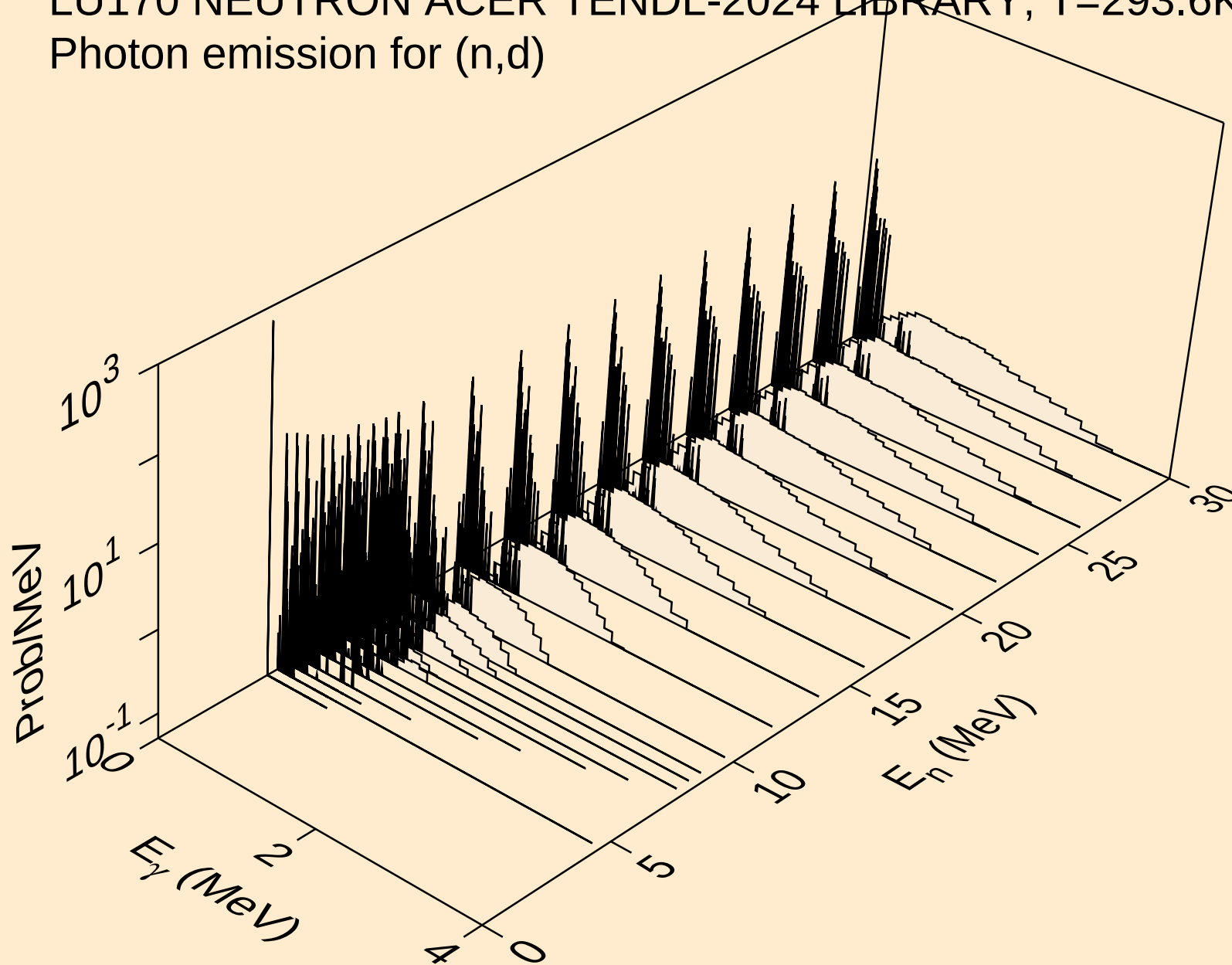
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



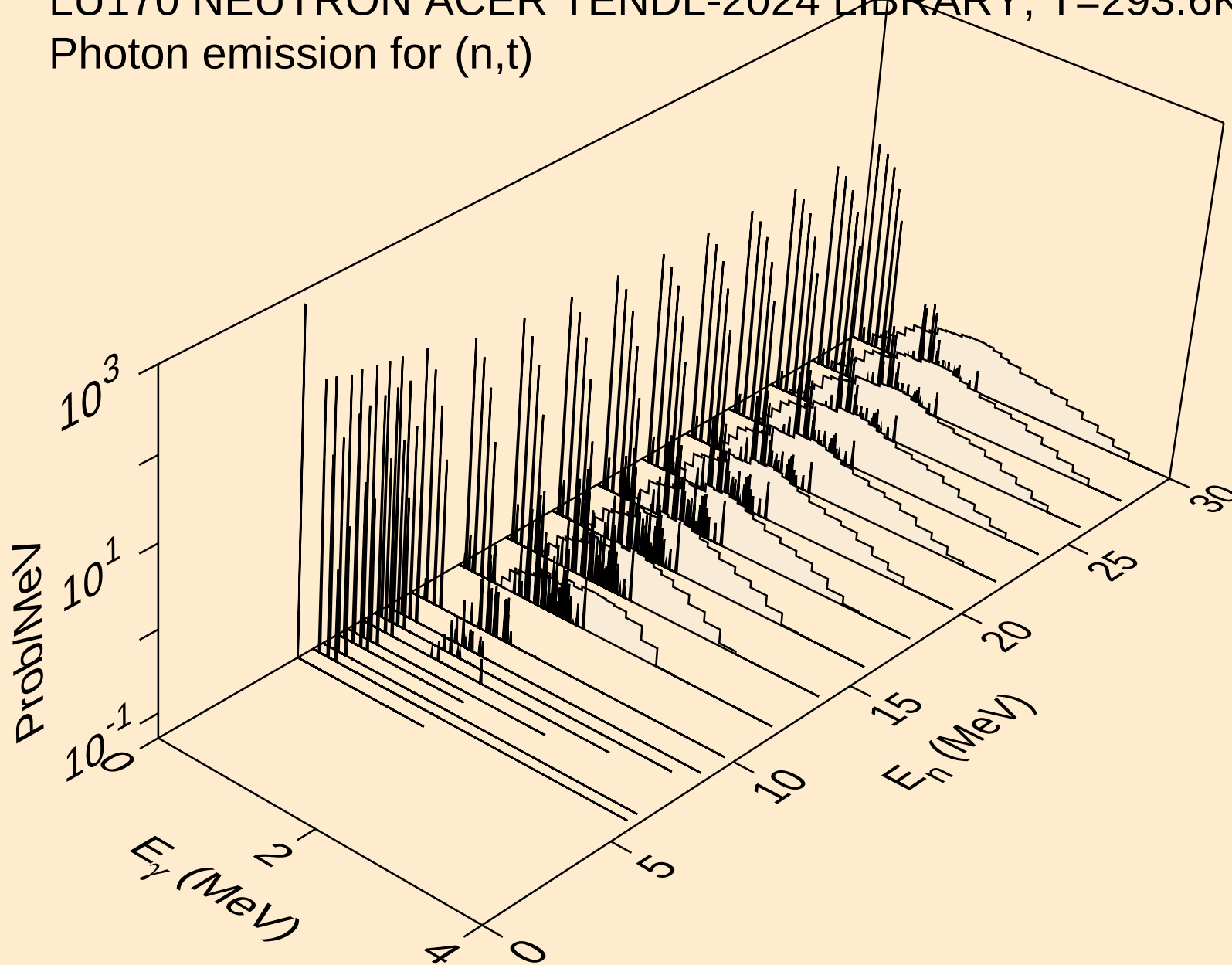
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



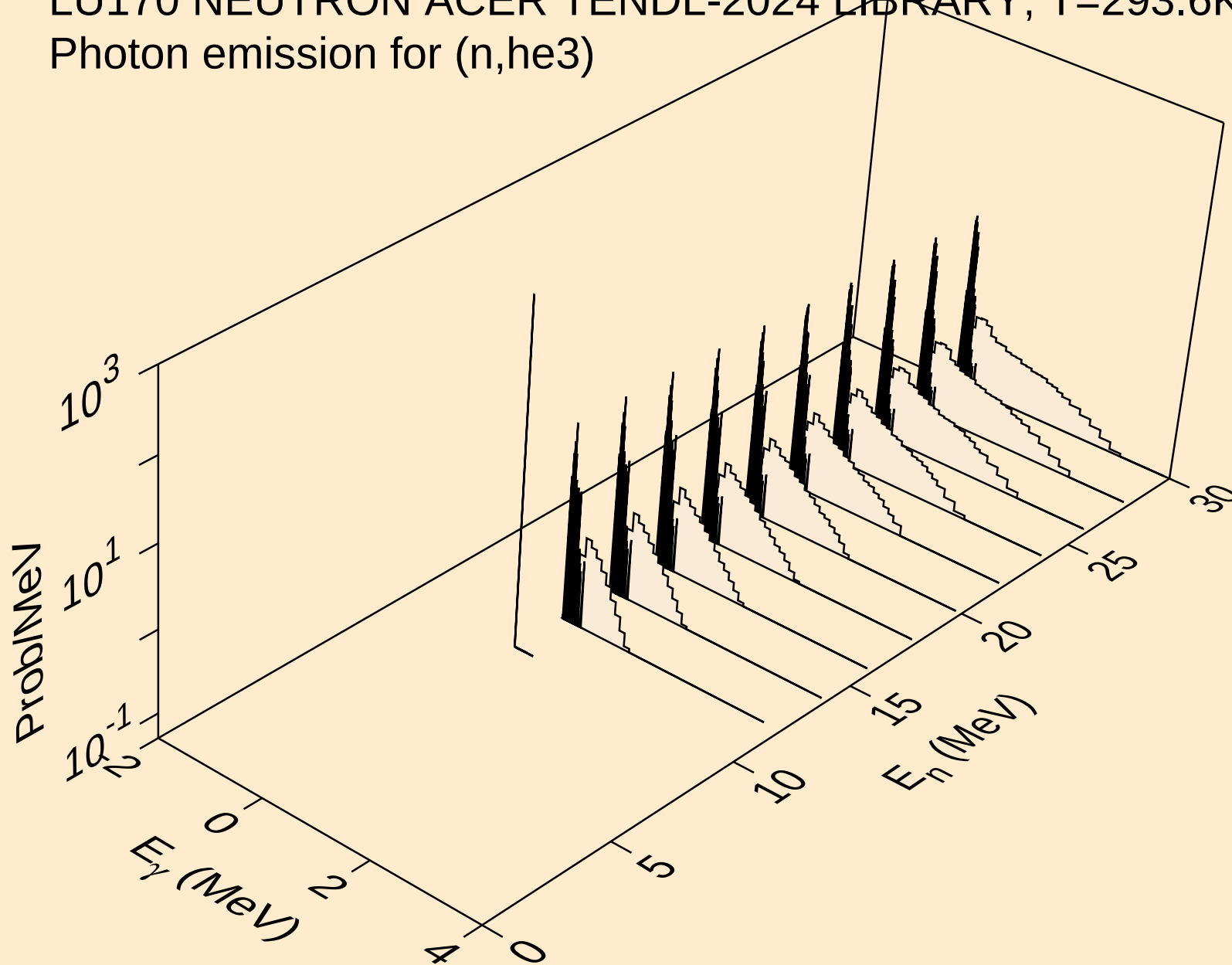
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



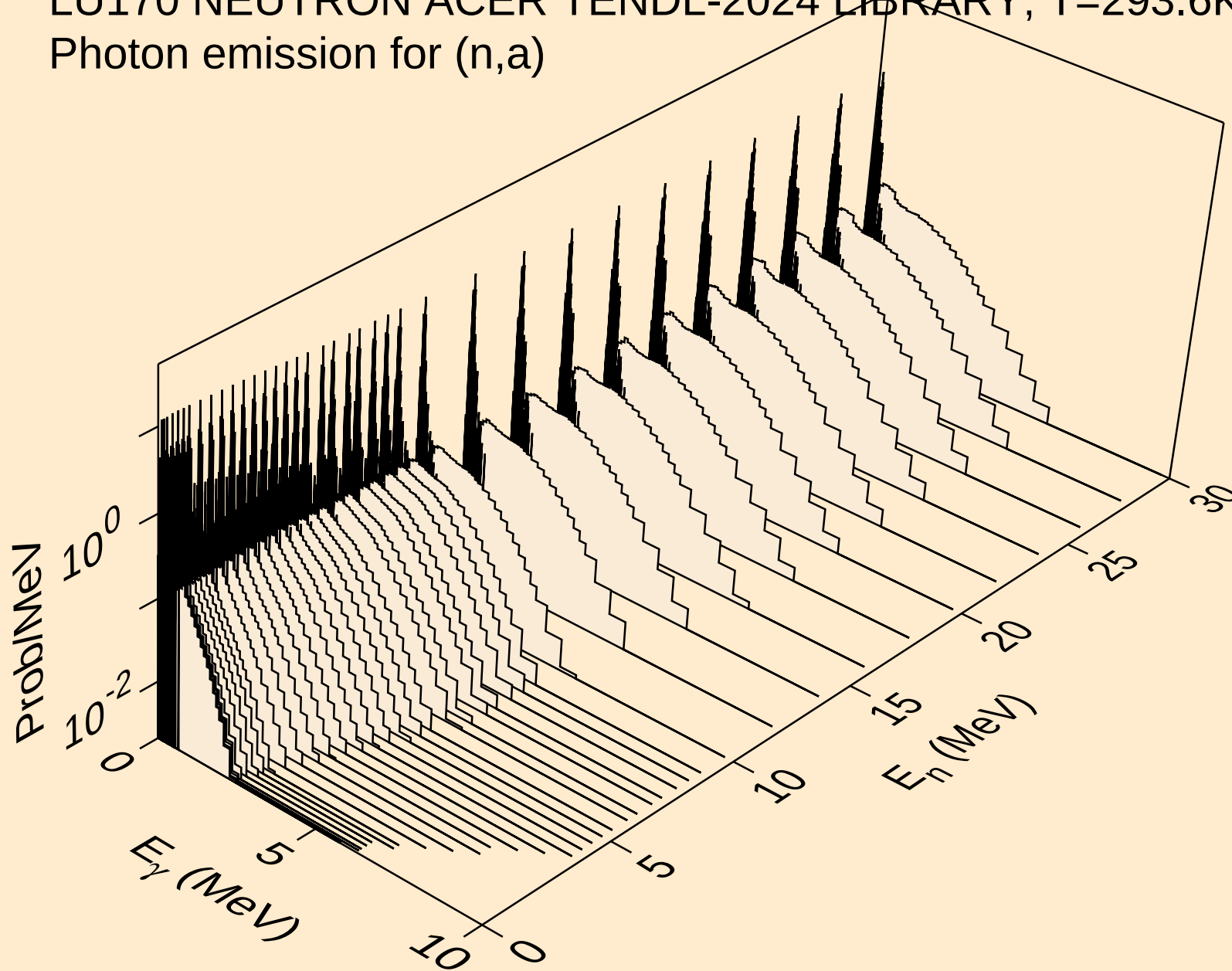
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



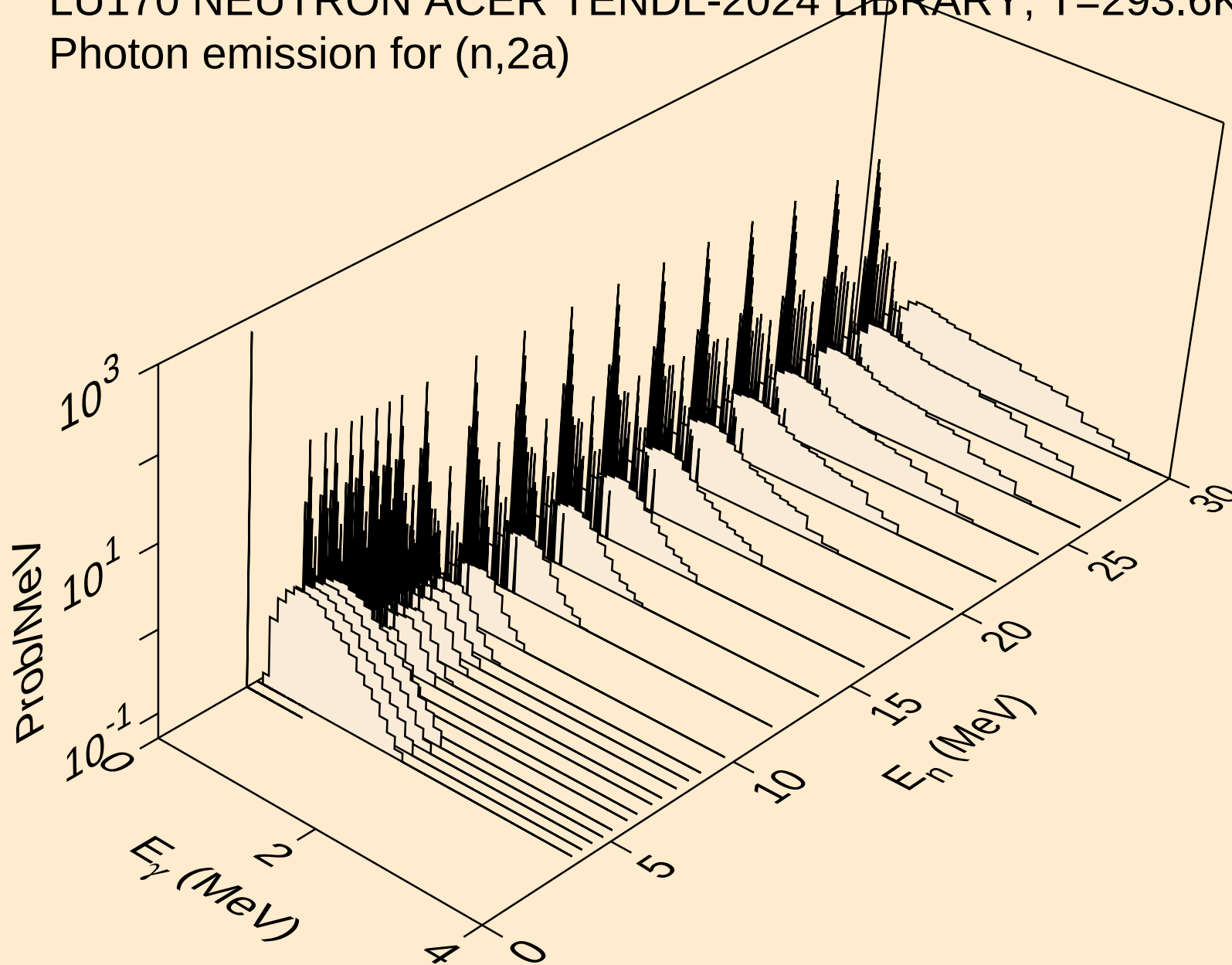
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



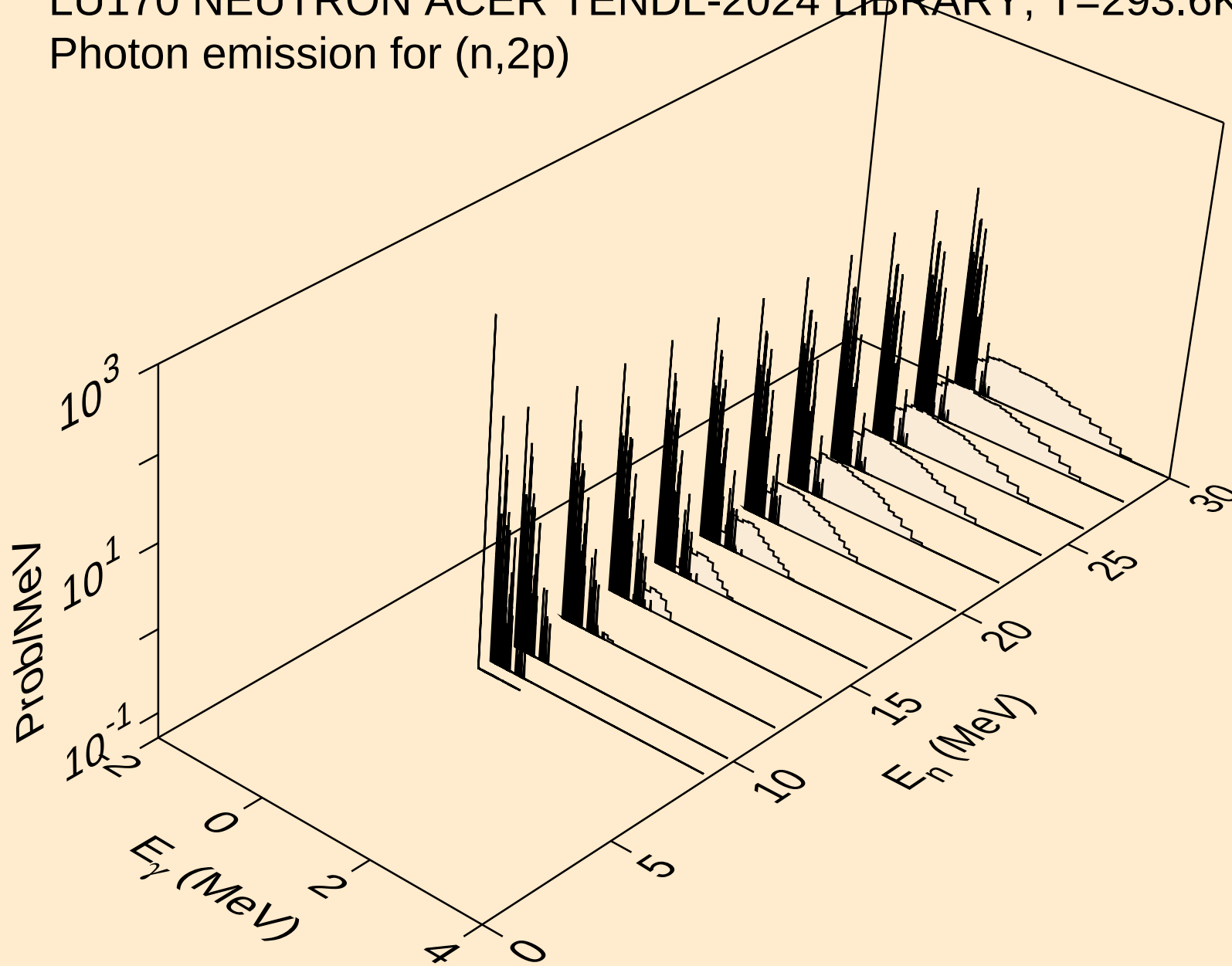
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



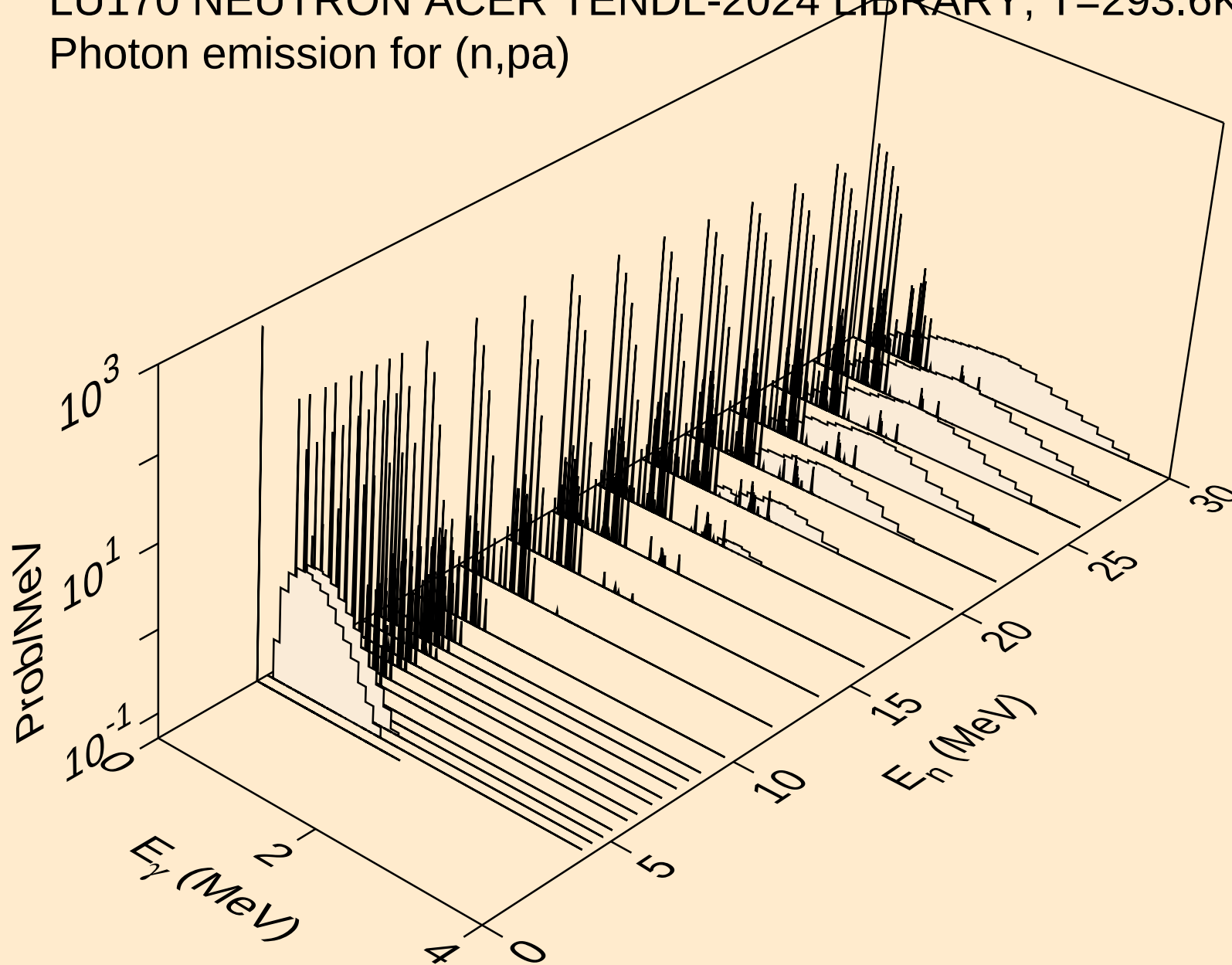
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



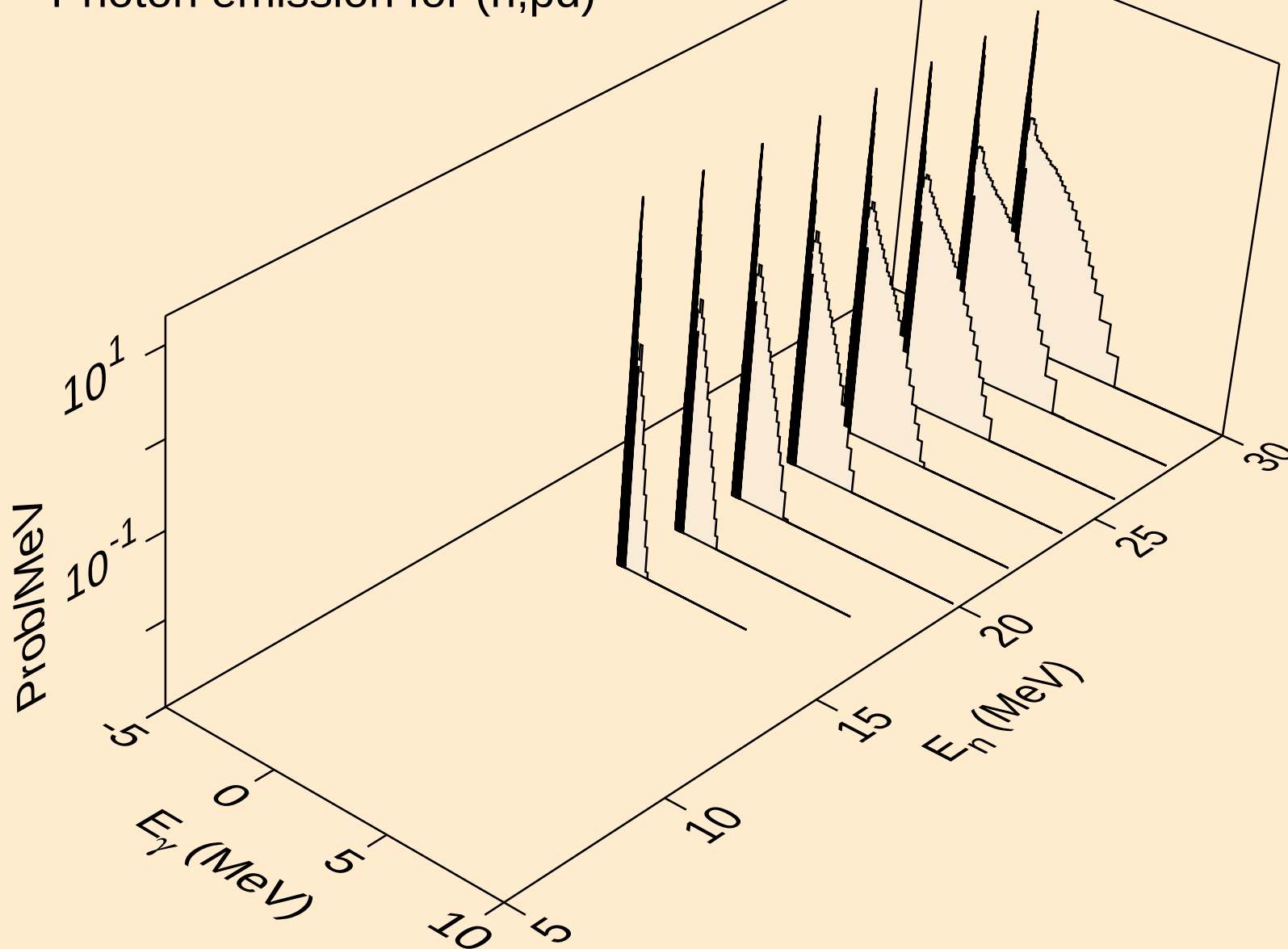
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



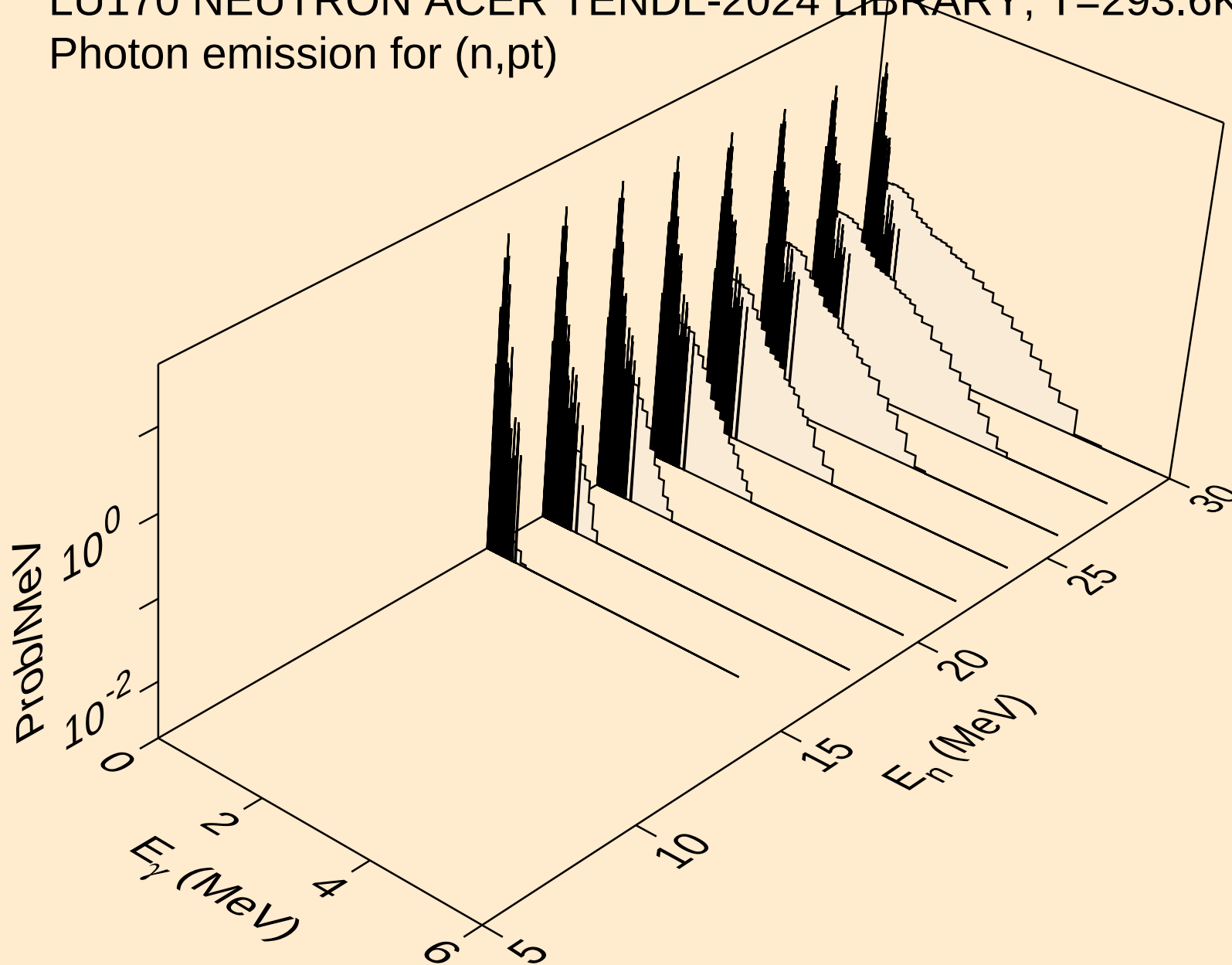
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



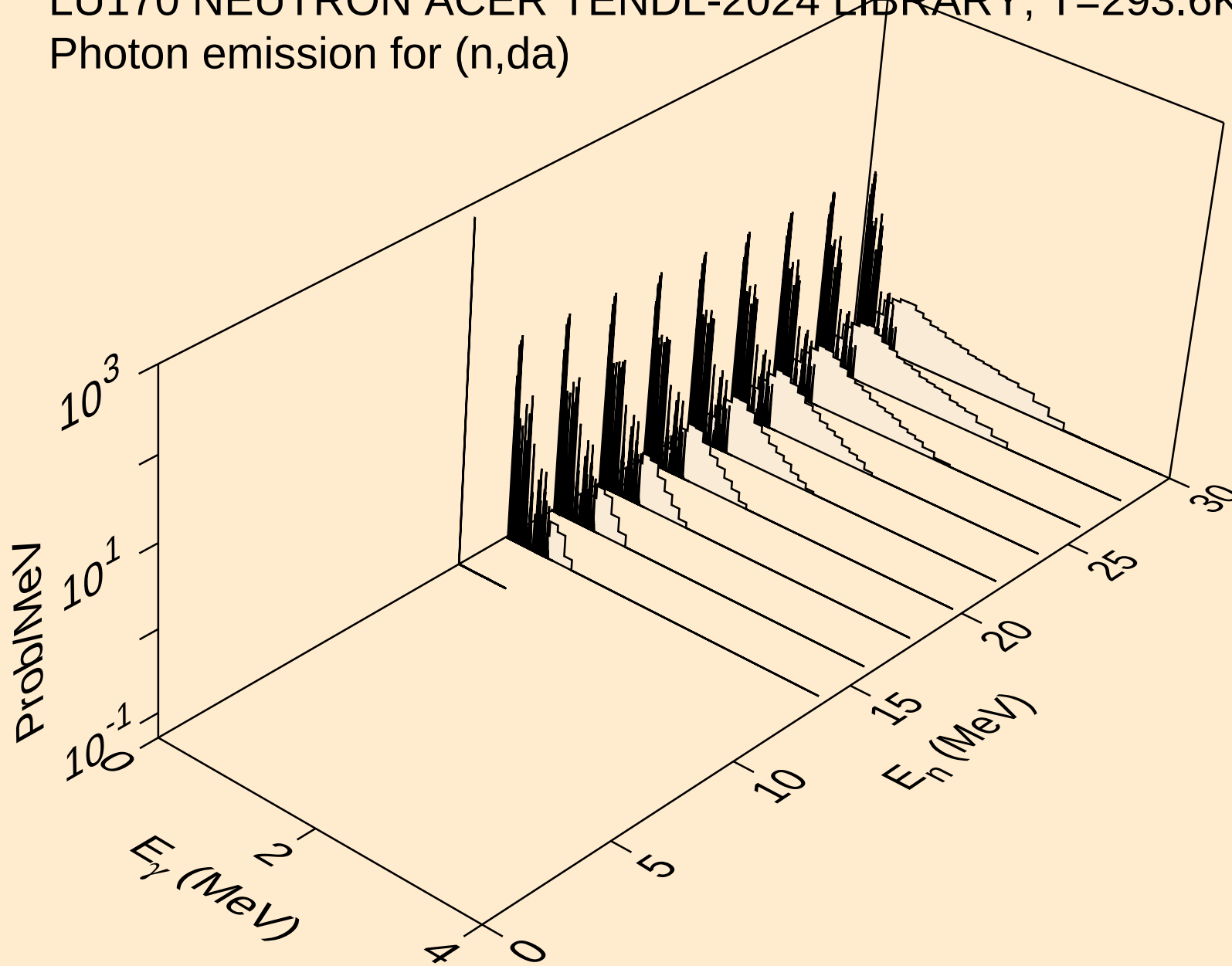
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



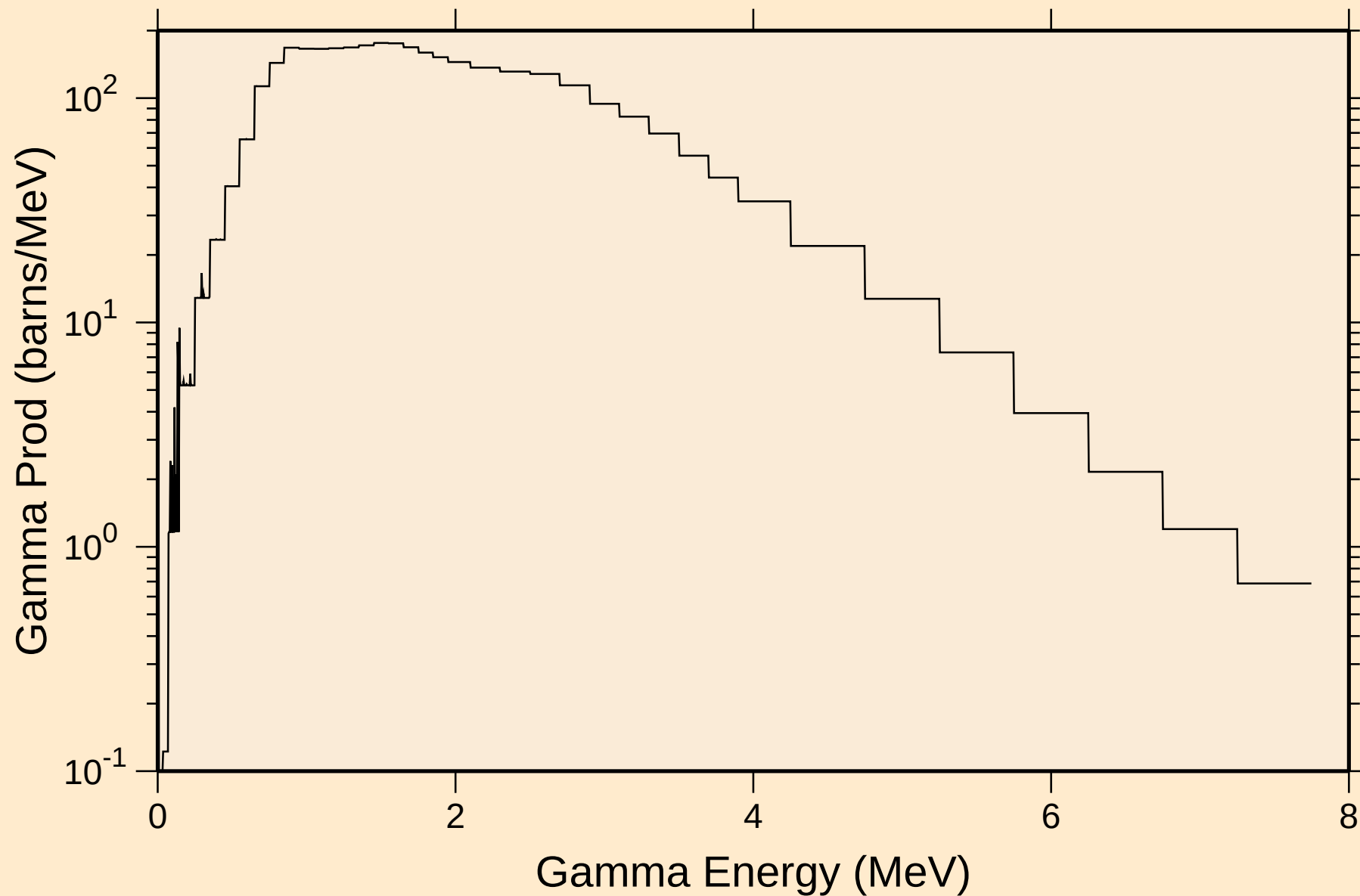
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



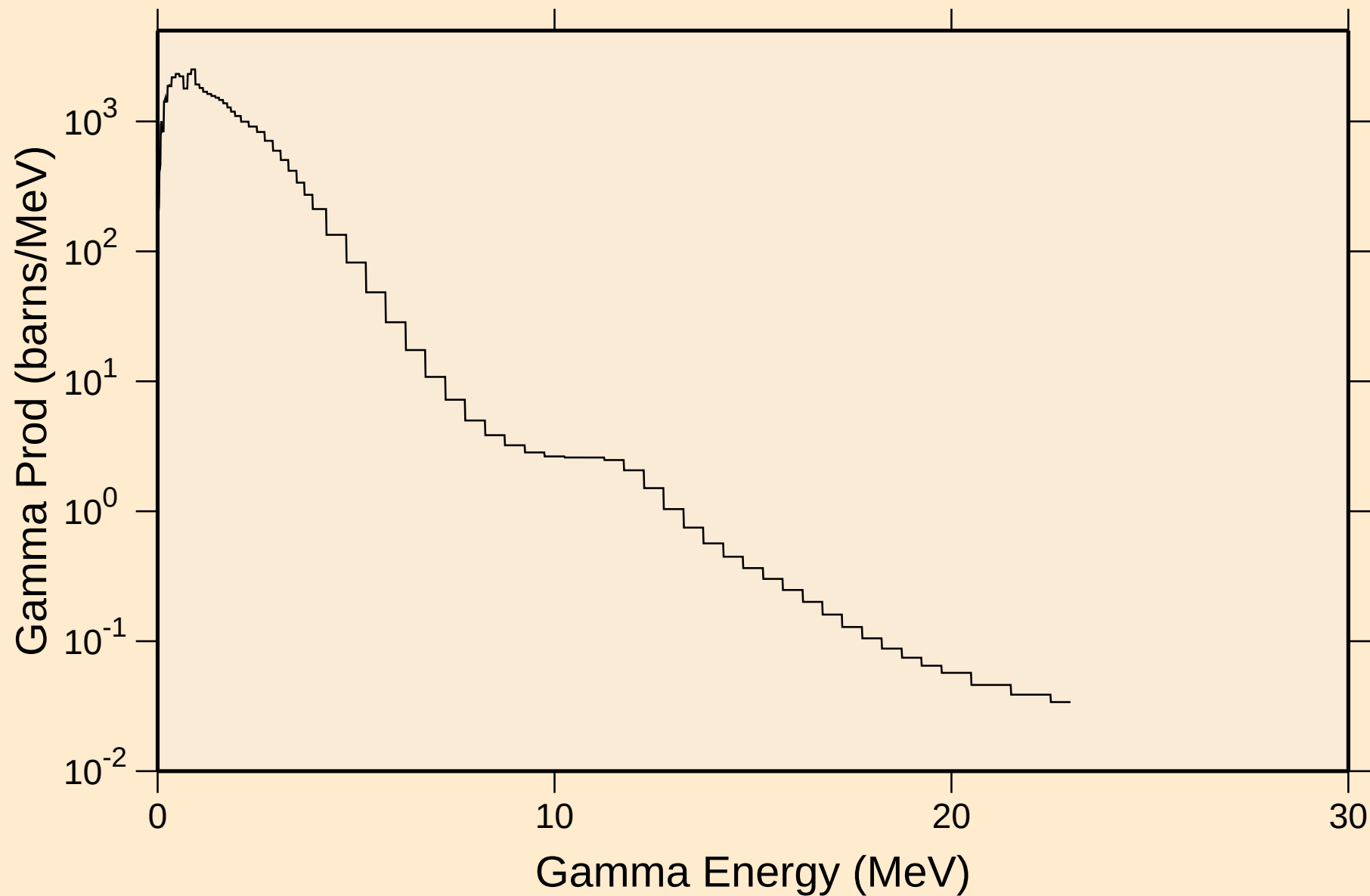
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



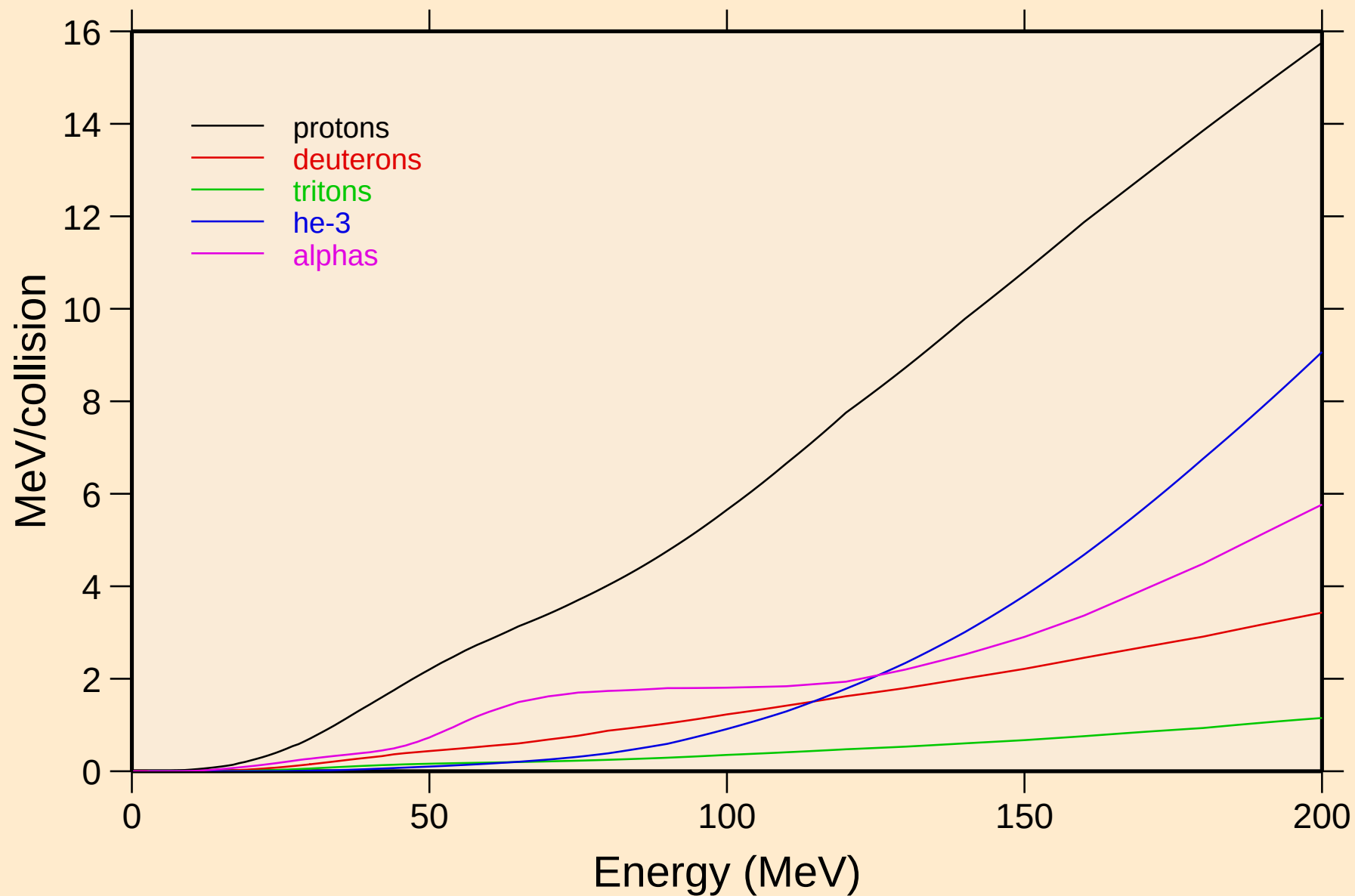
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



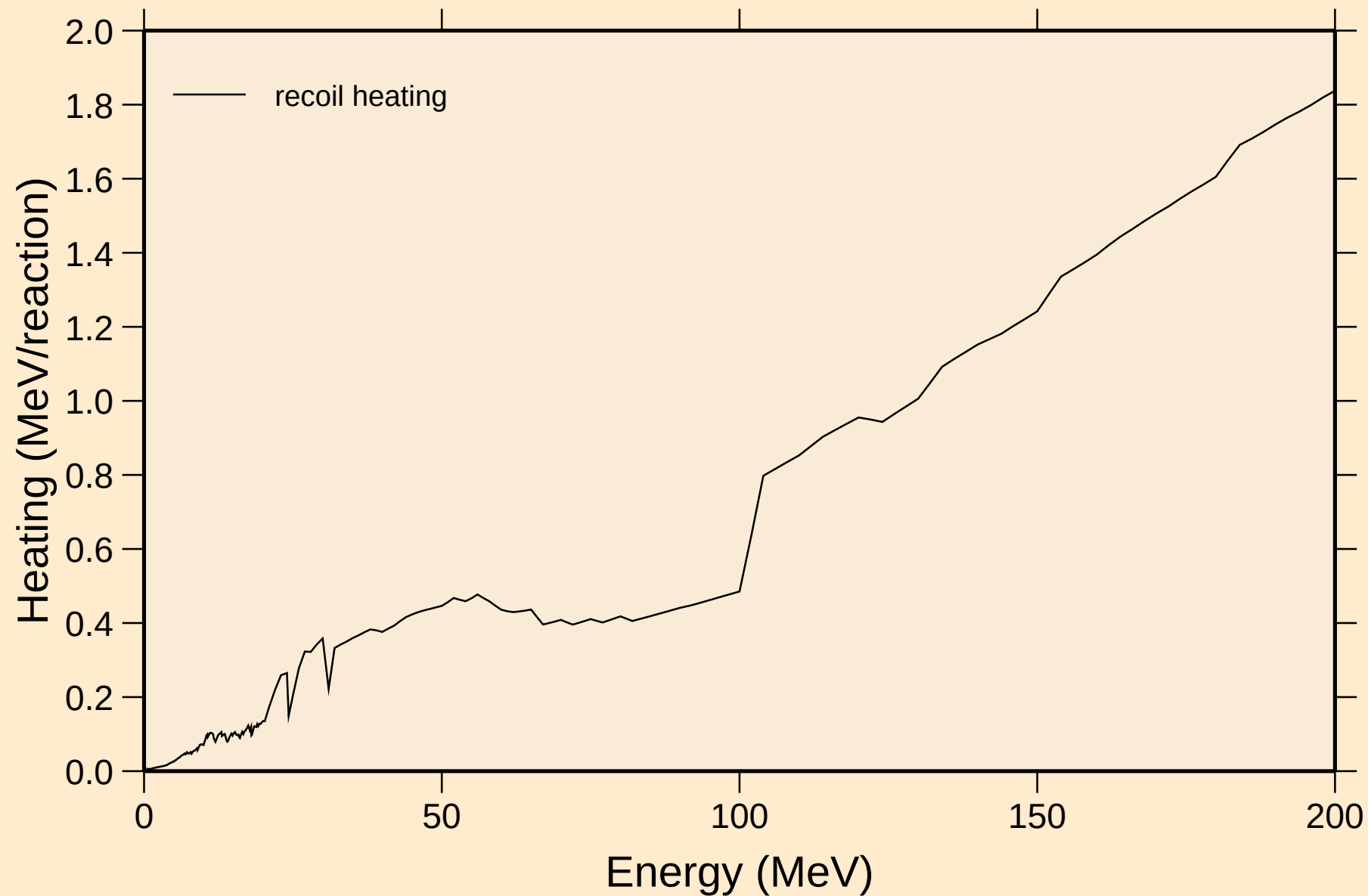
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



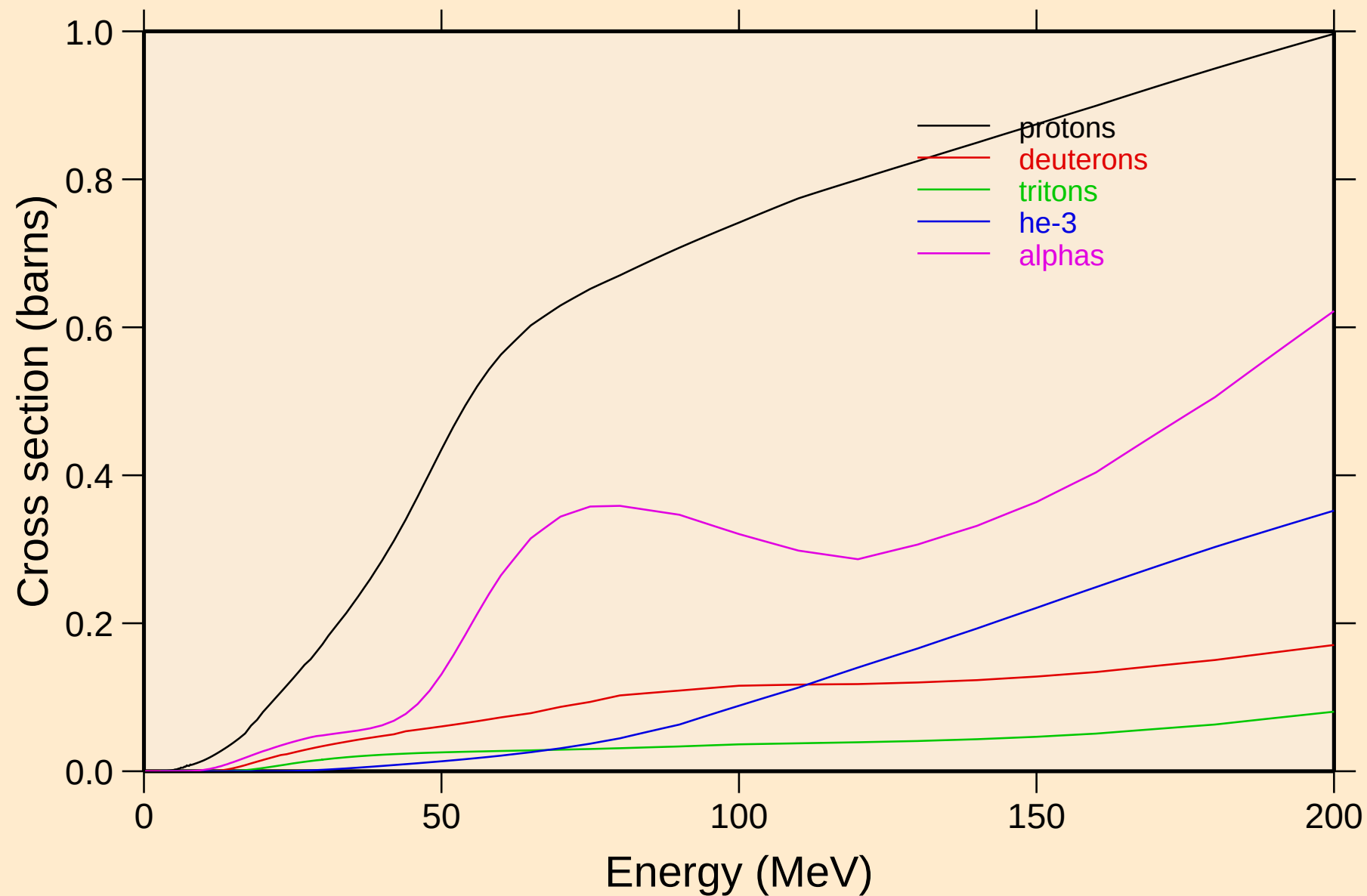
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions



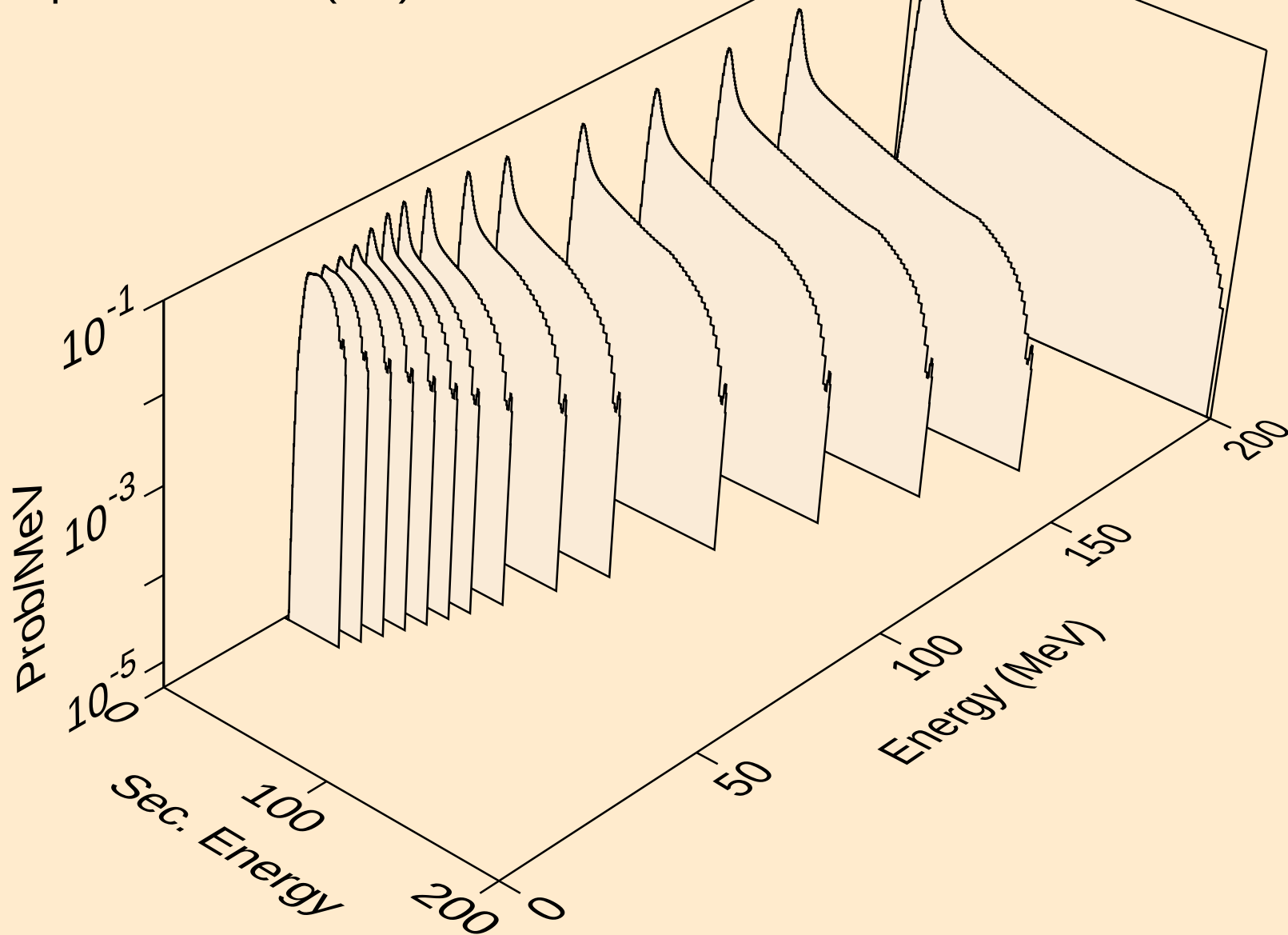
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



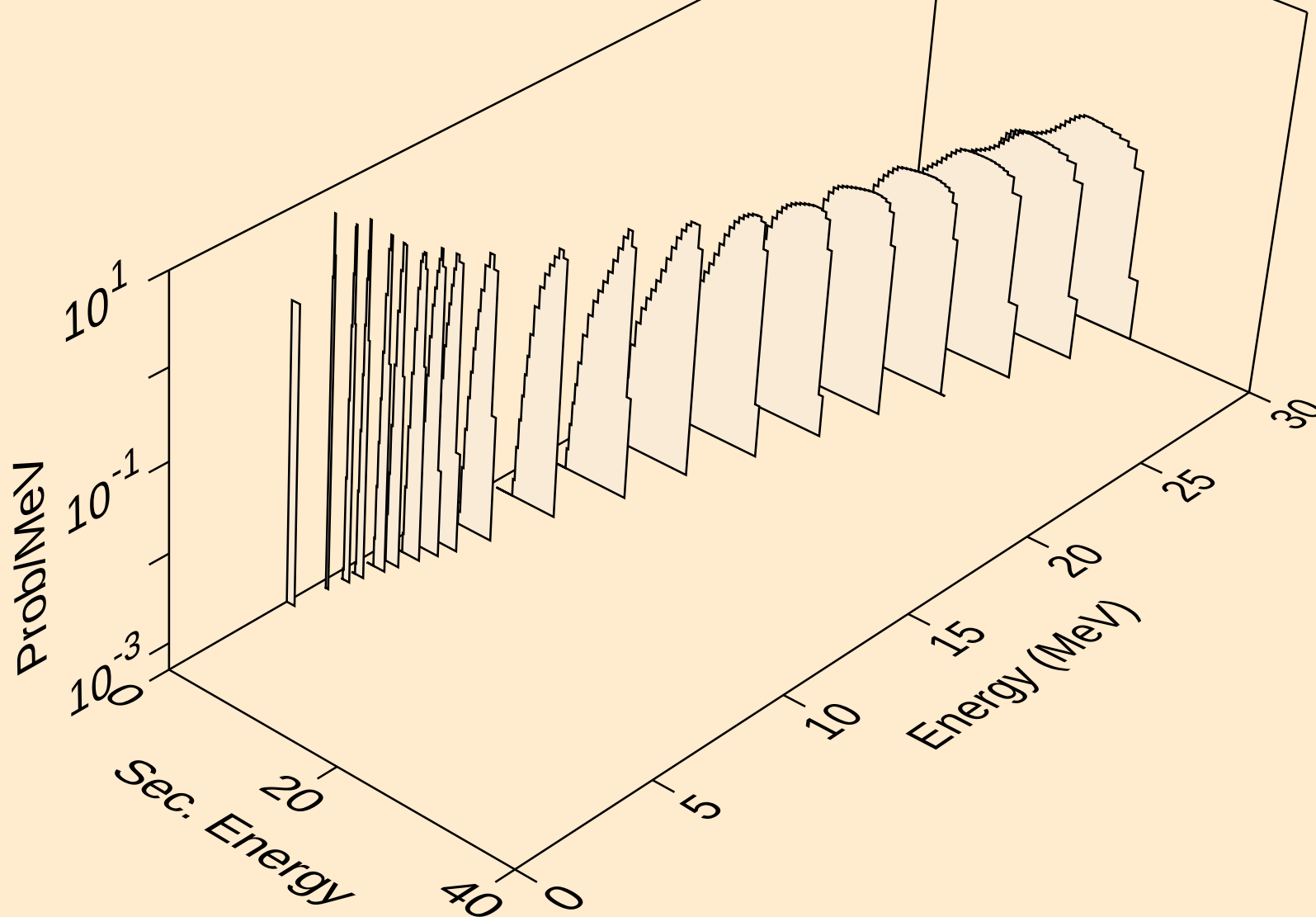
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



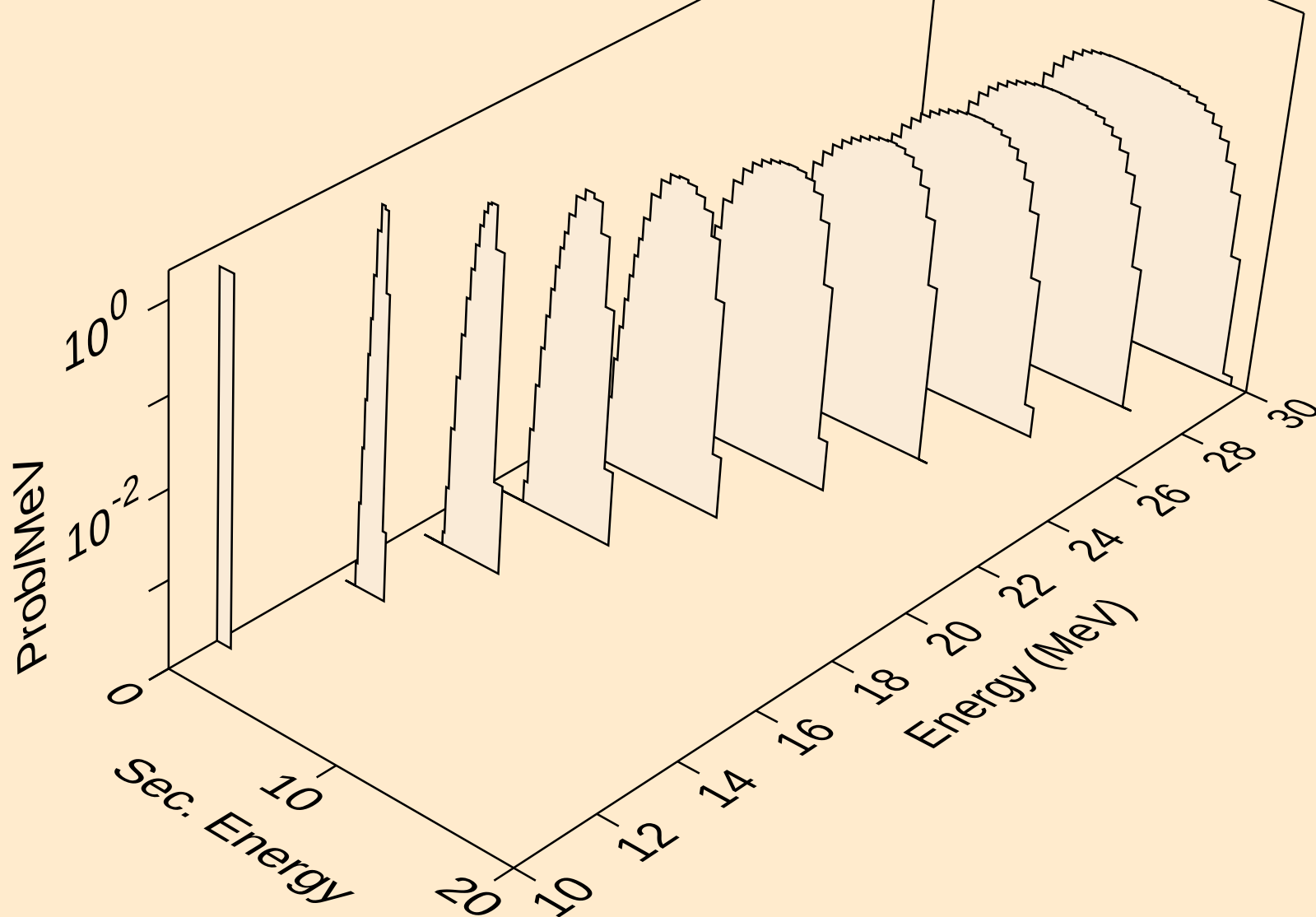
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



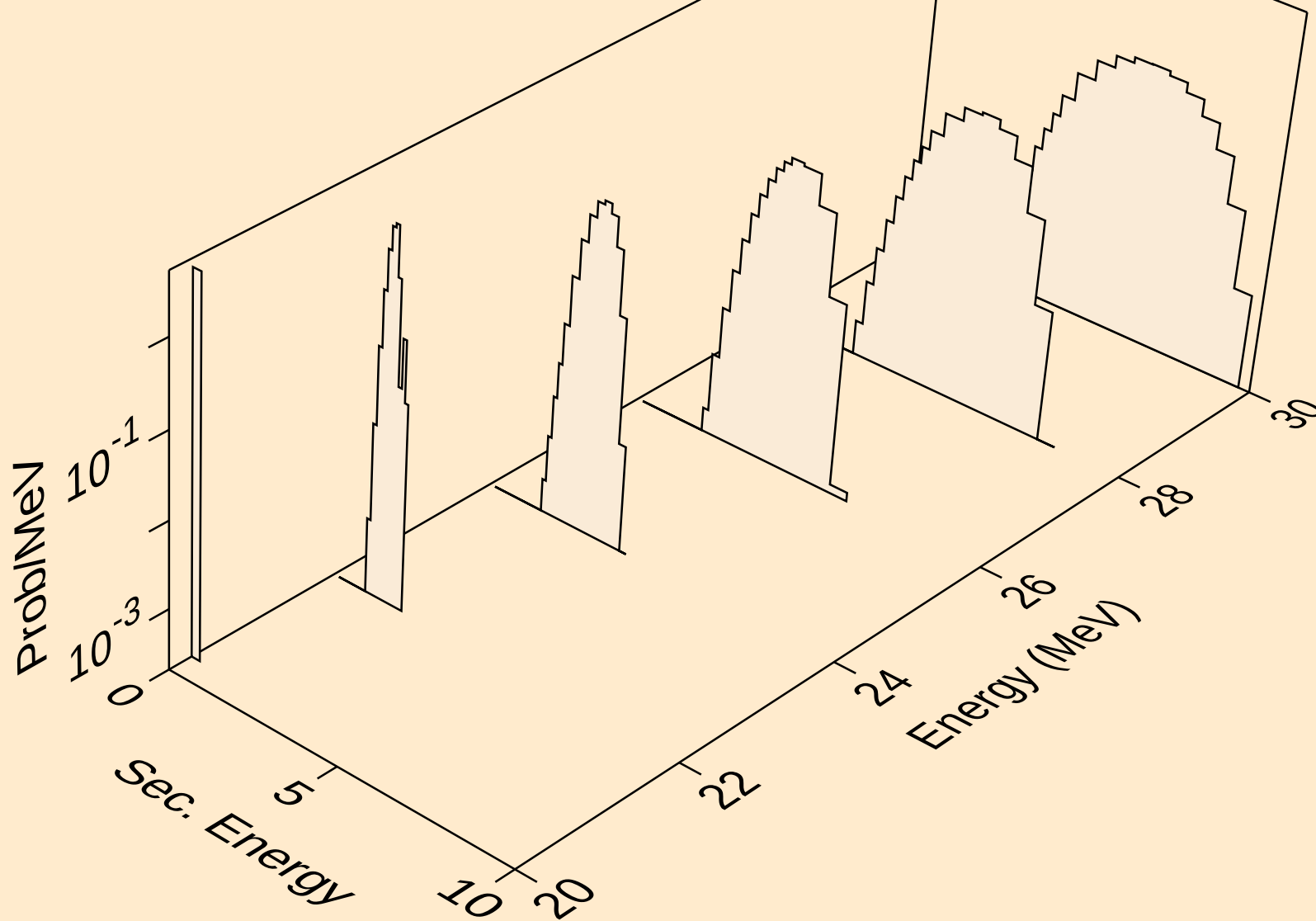
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



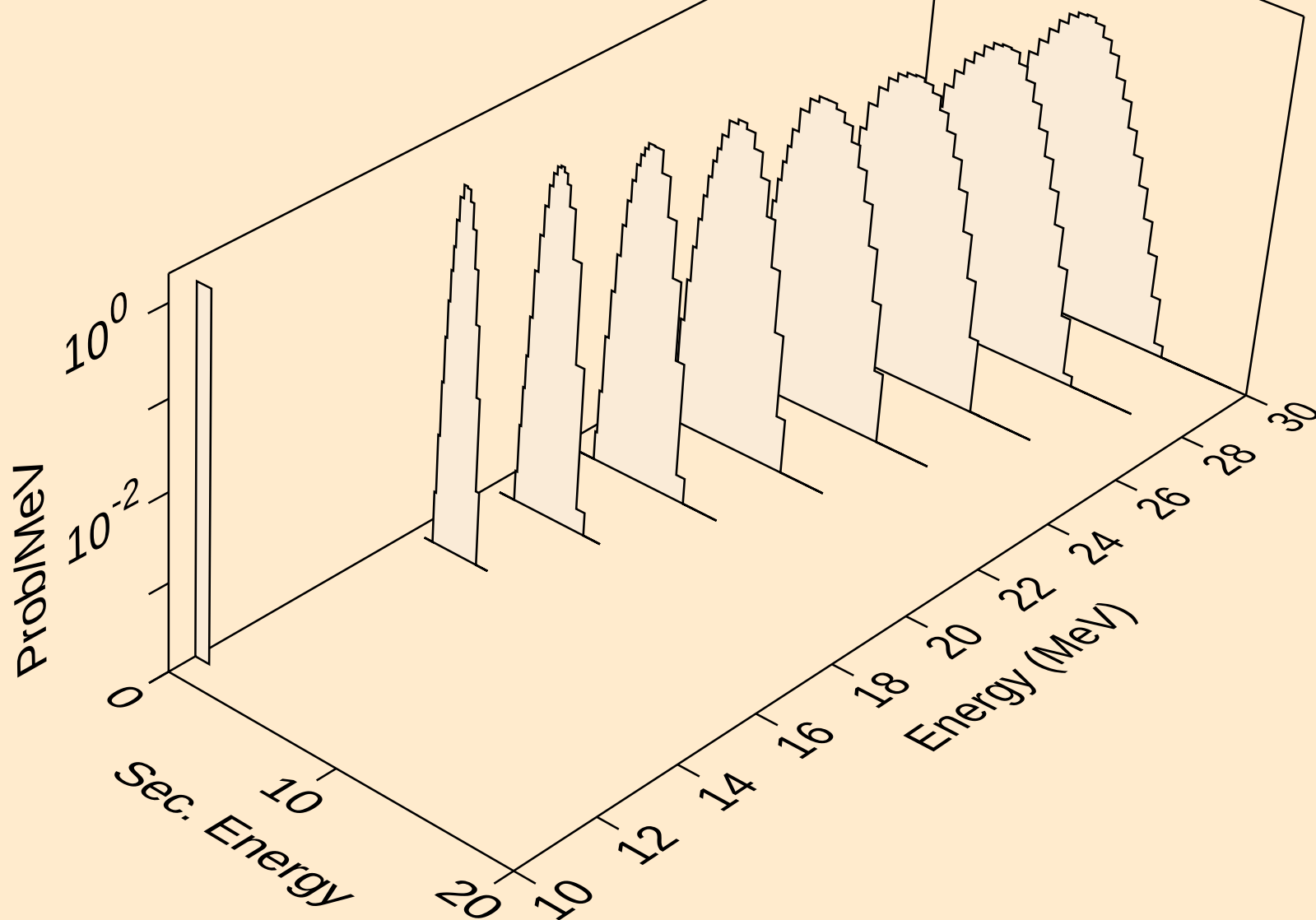
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2np)



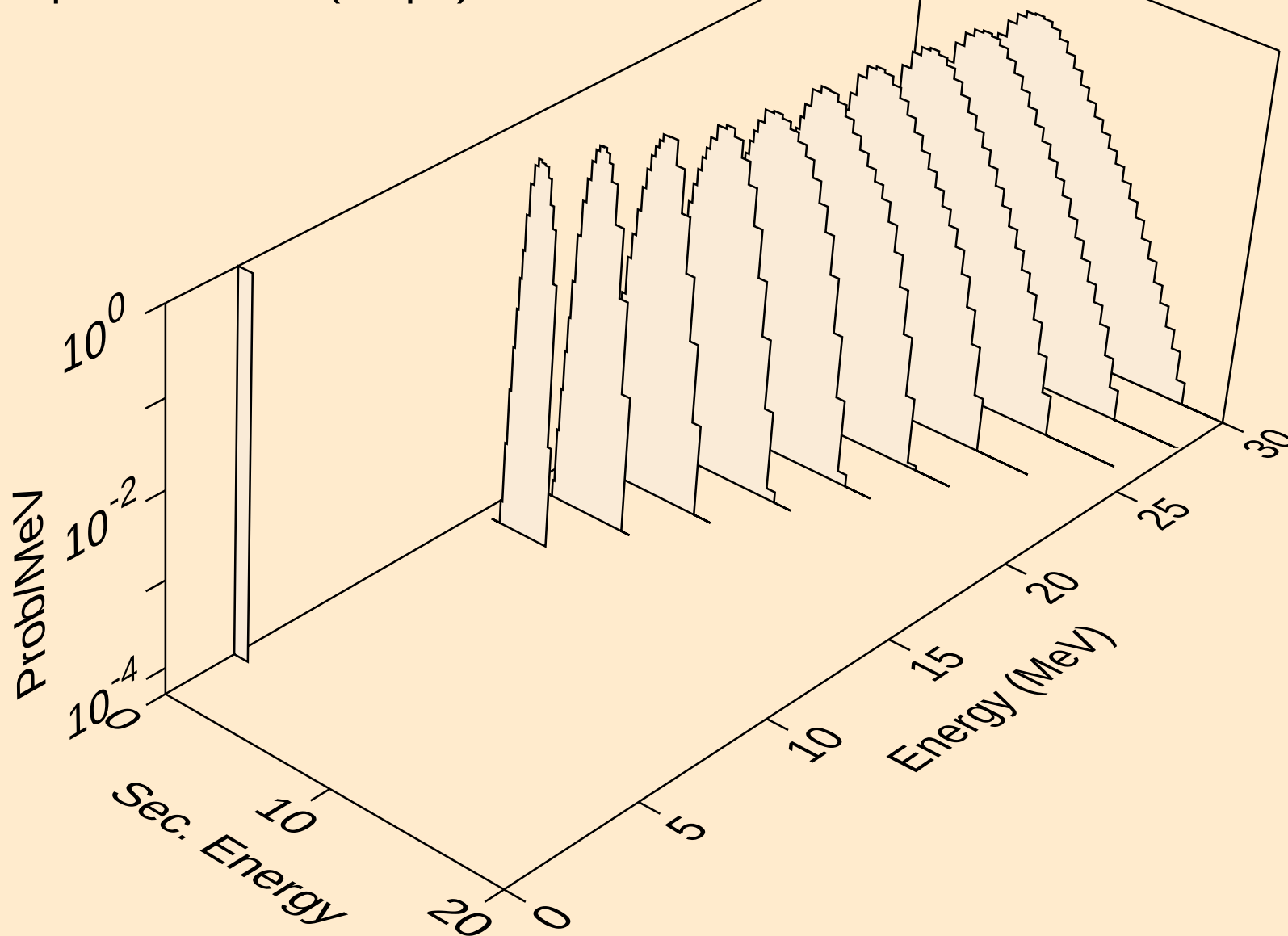
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,3np)



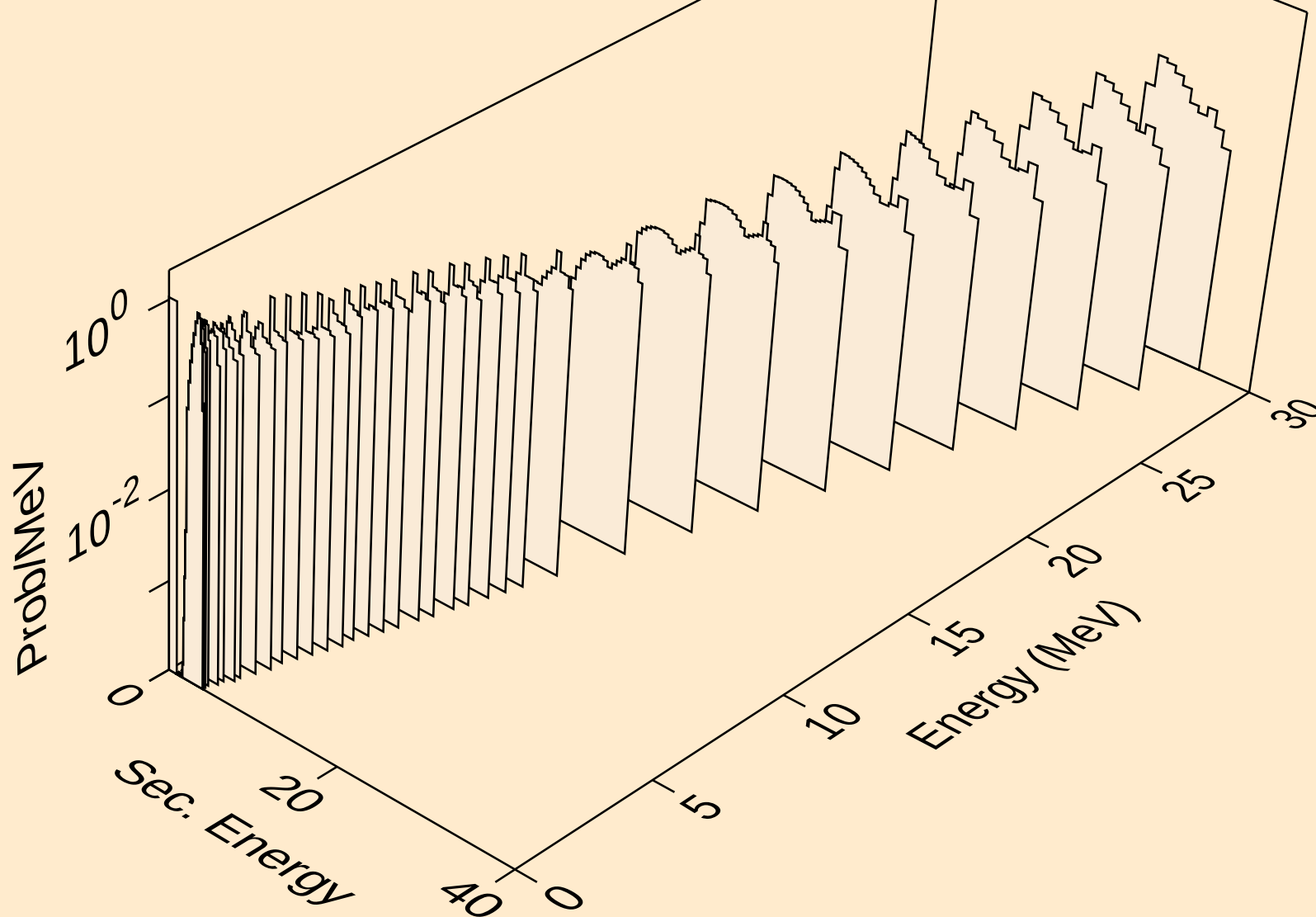
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n2p)



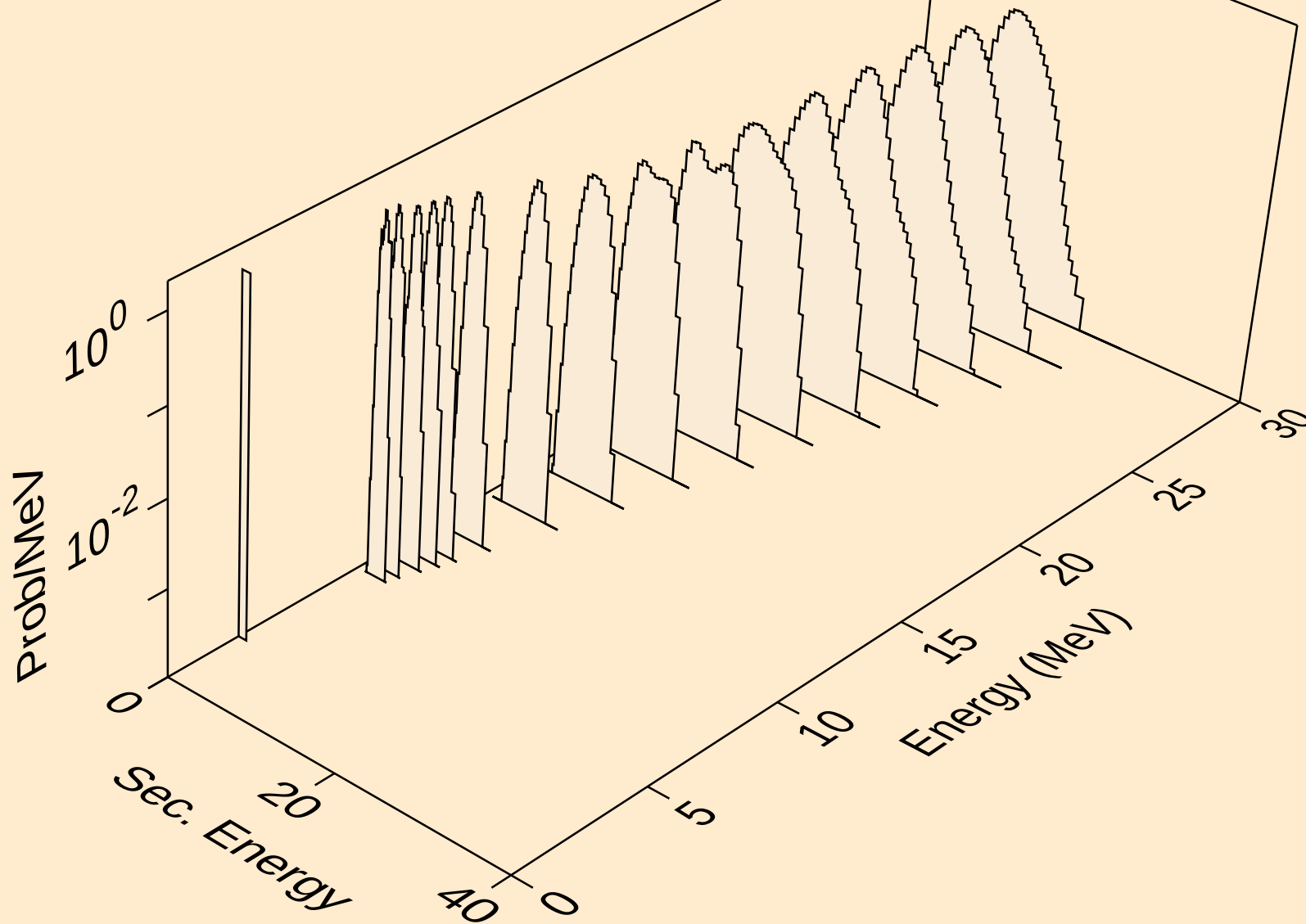
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,npa)



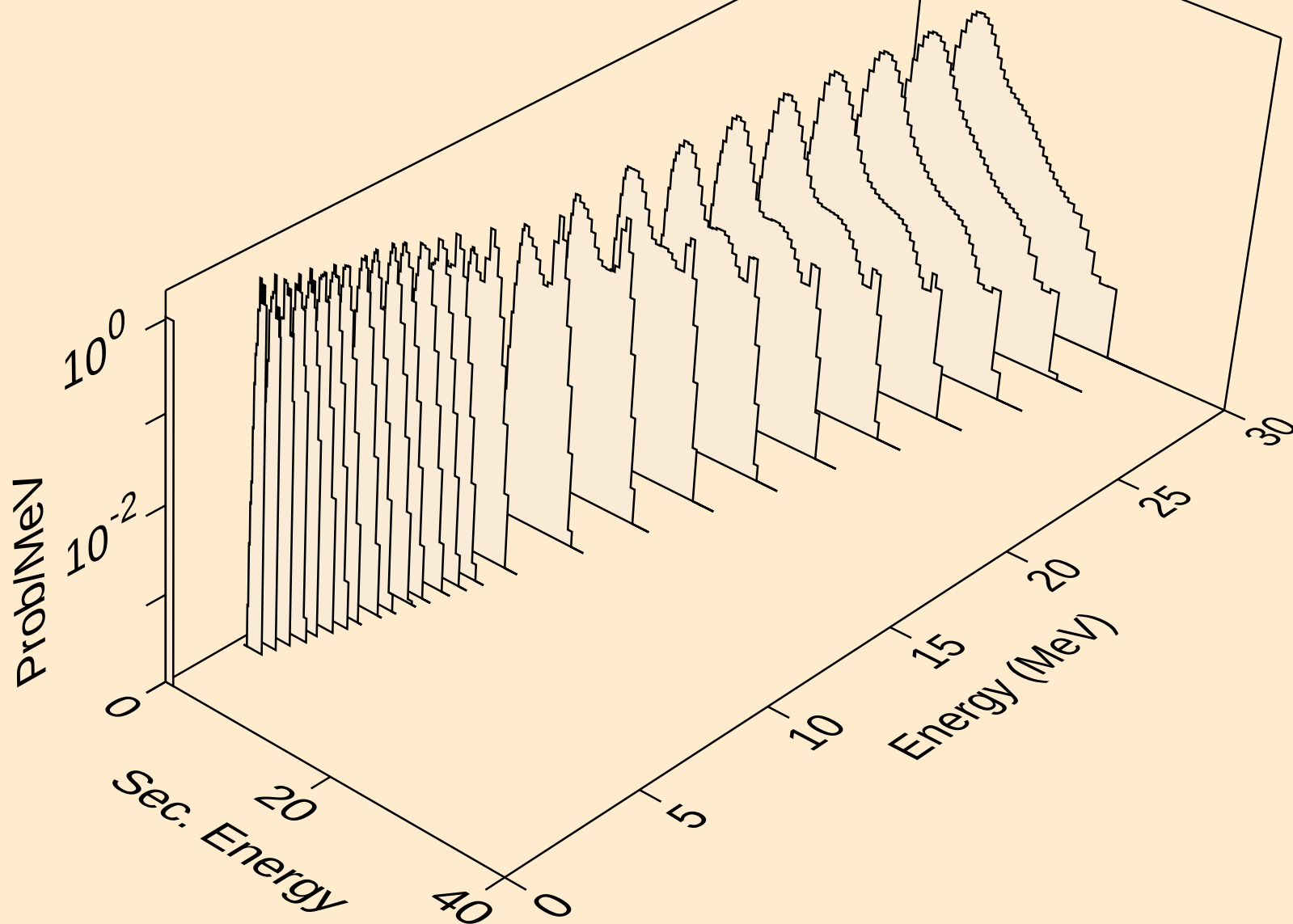
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



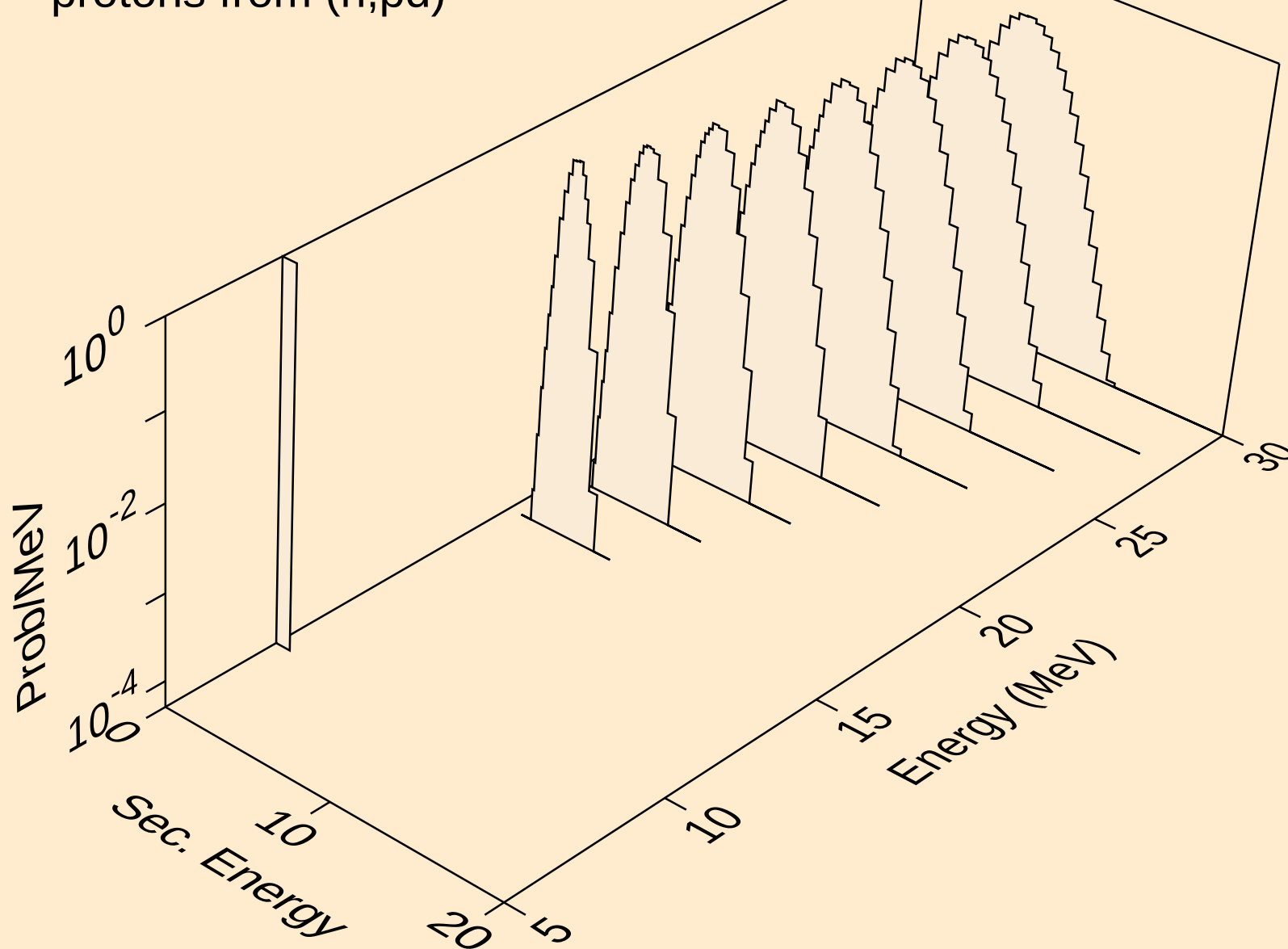
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2p)



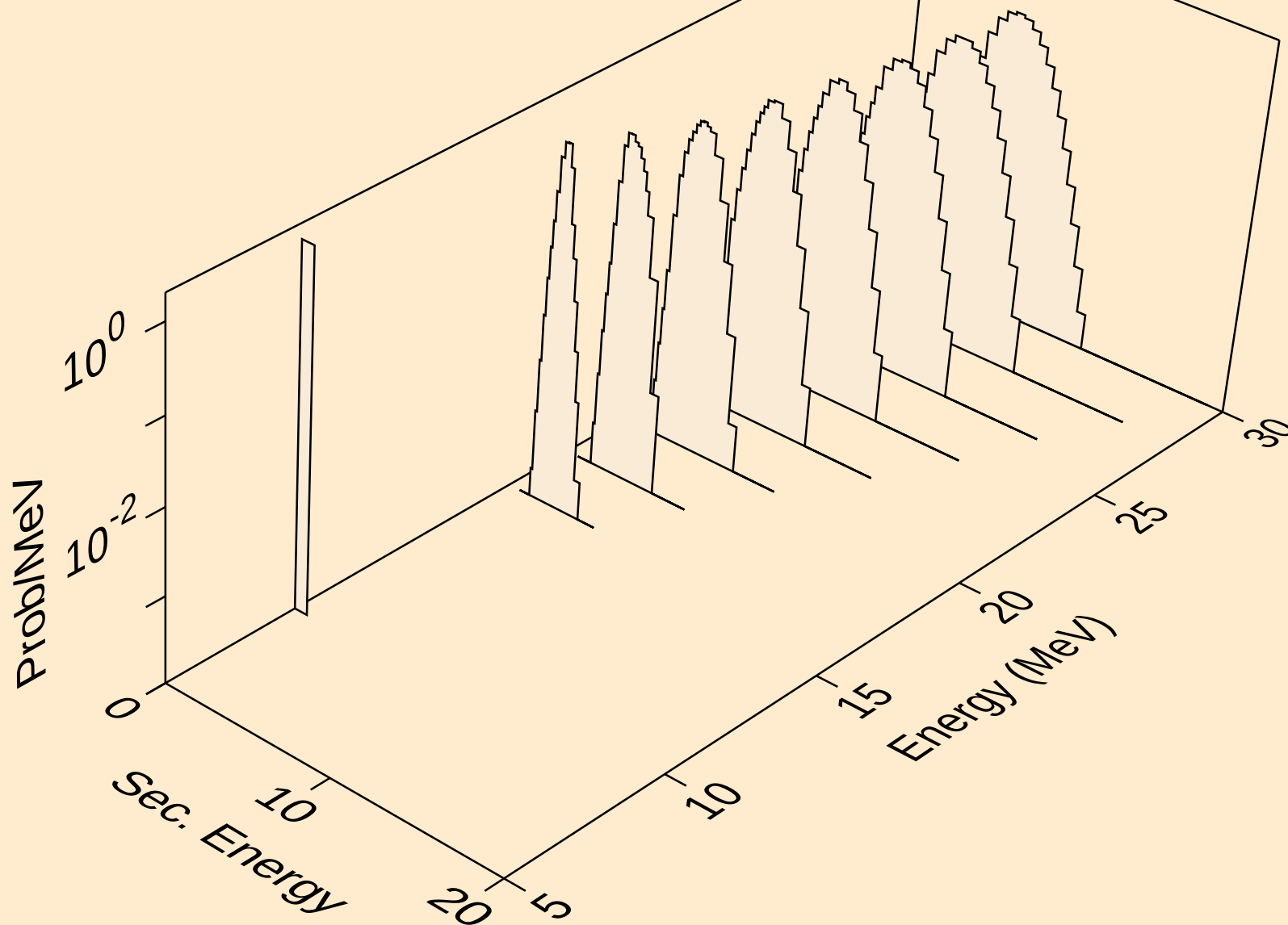
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



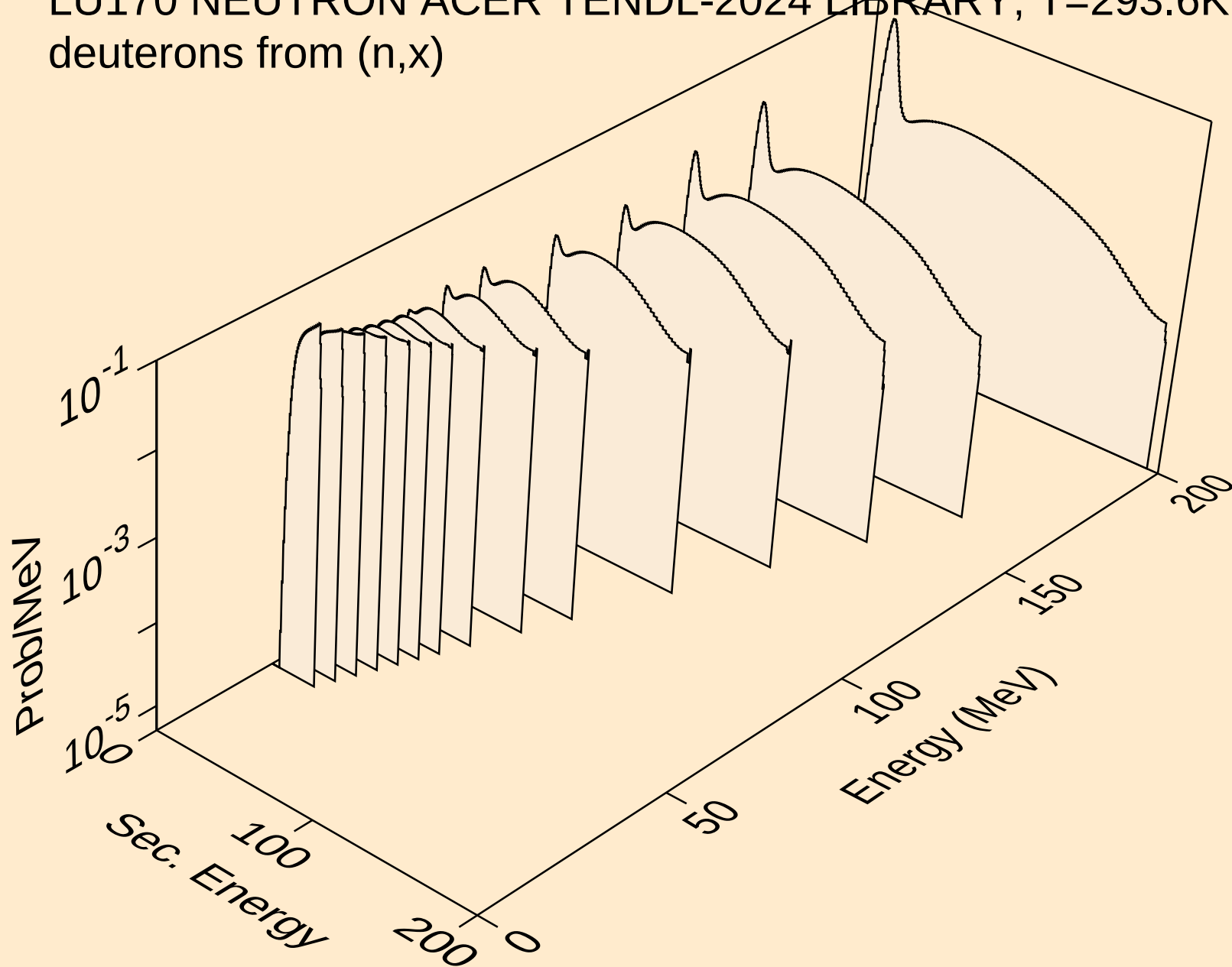
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pd)



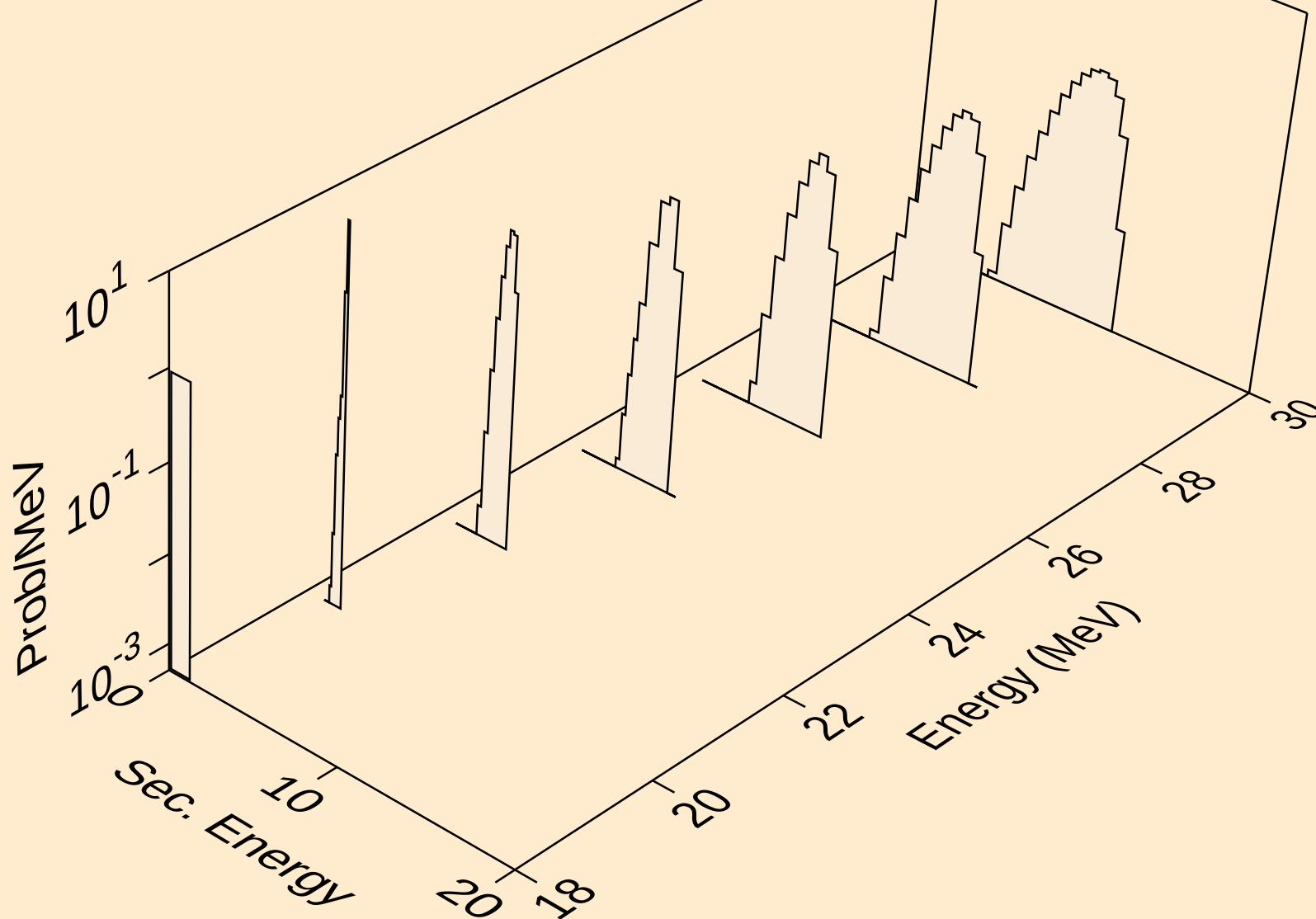
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pt)



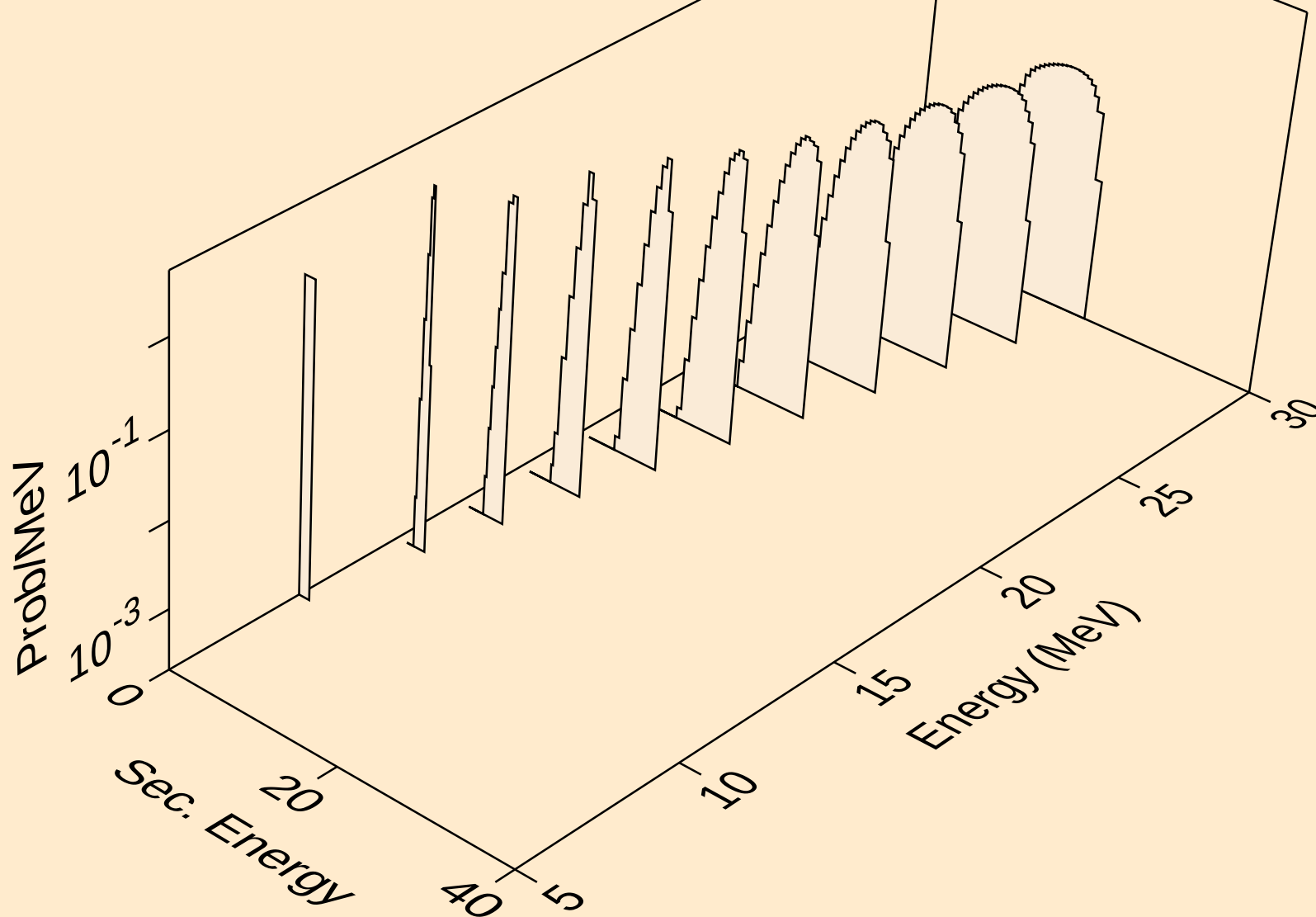
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



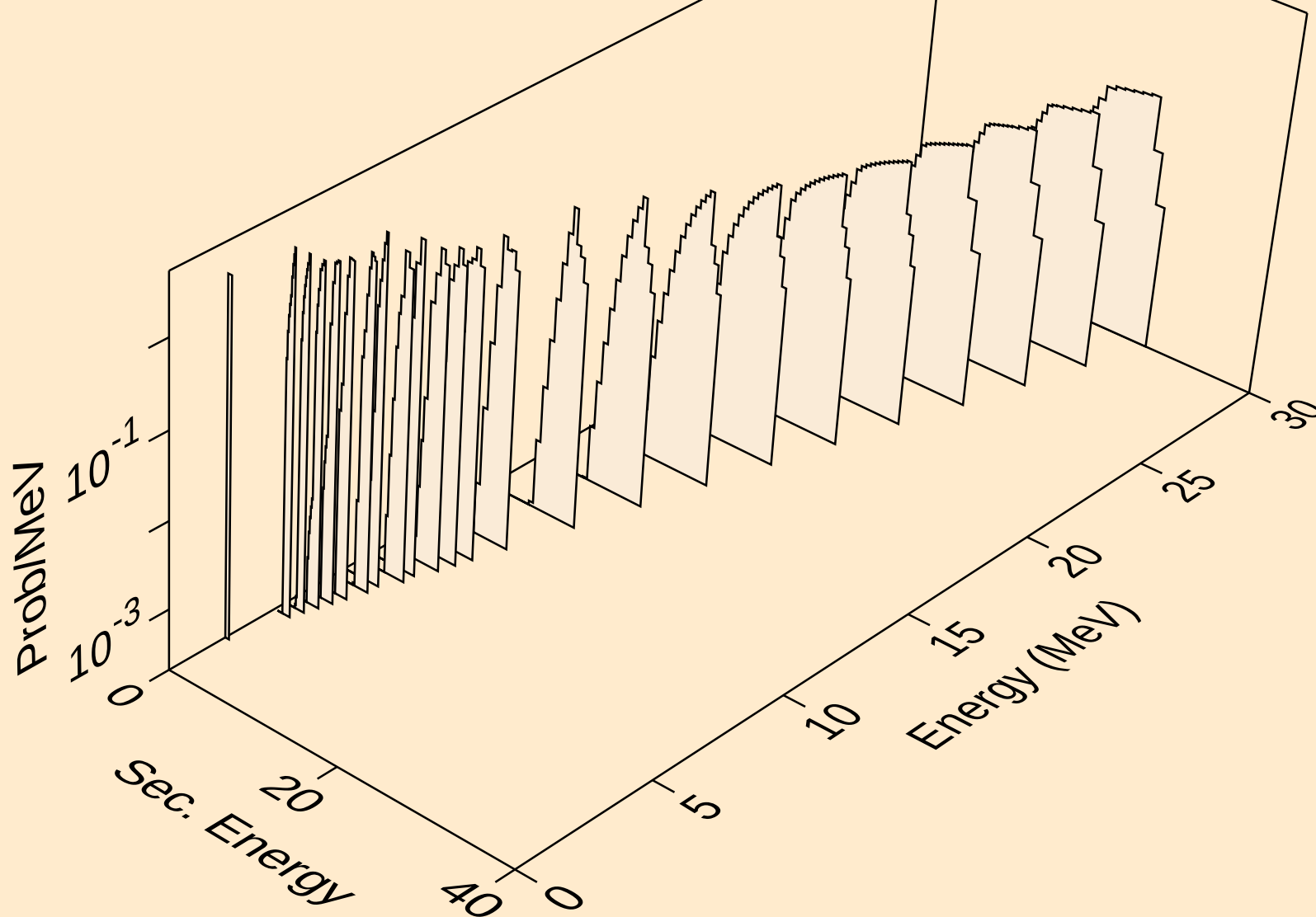
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,2nd)



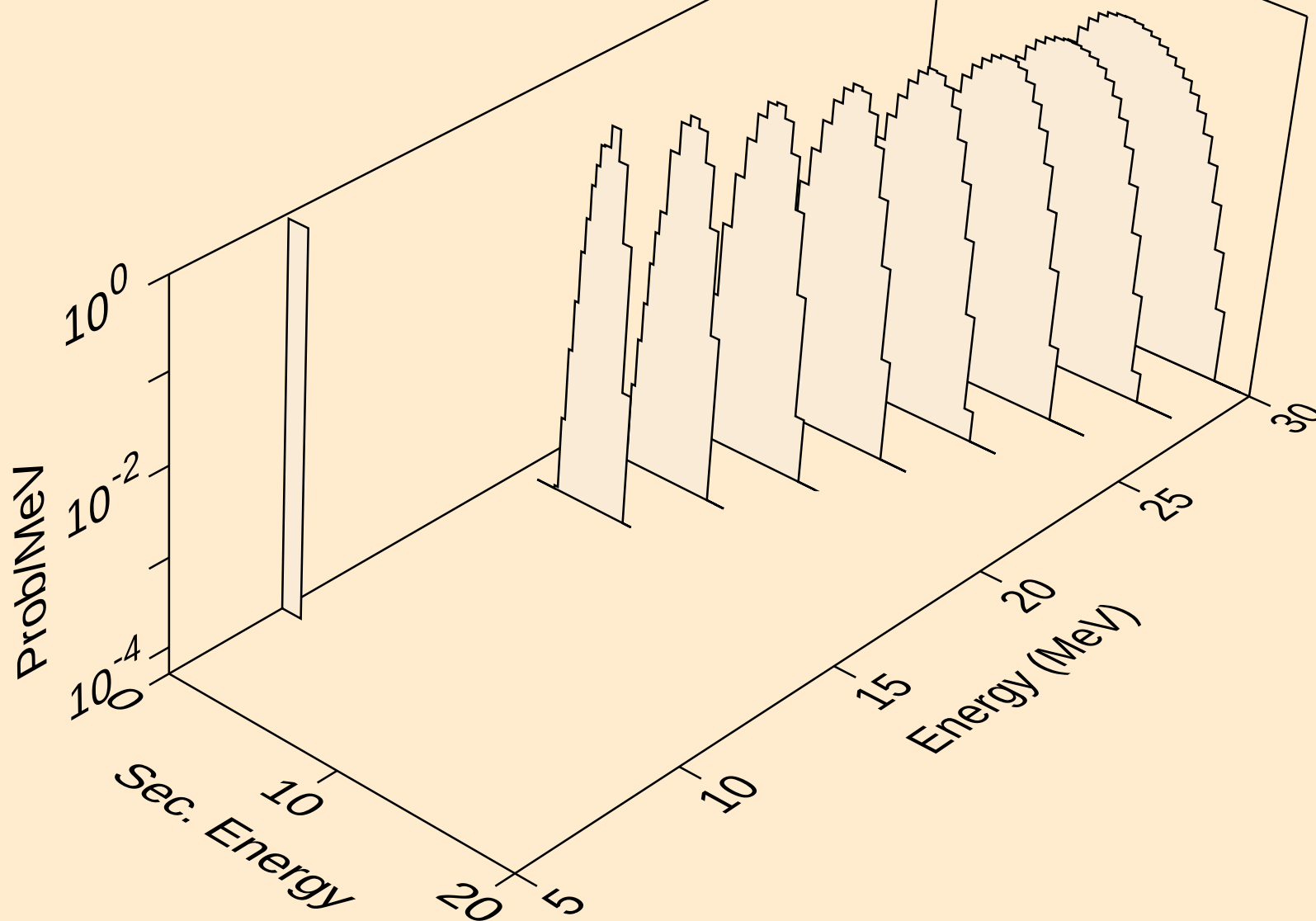
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



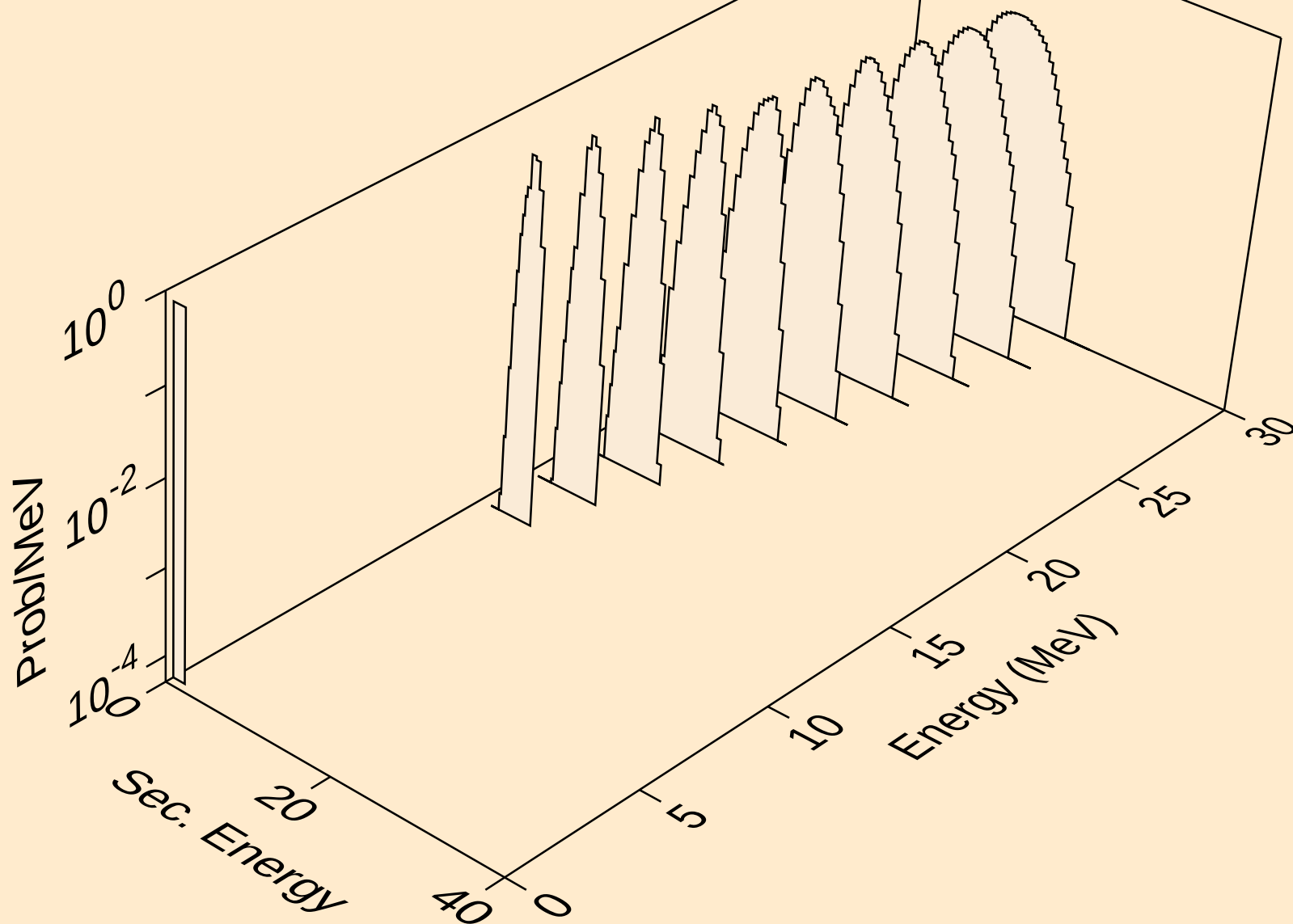
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,d)



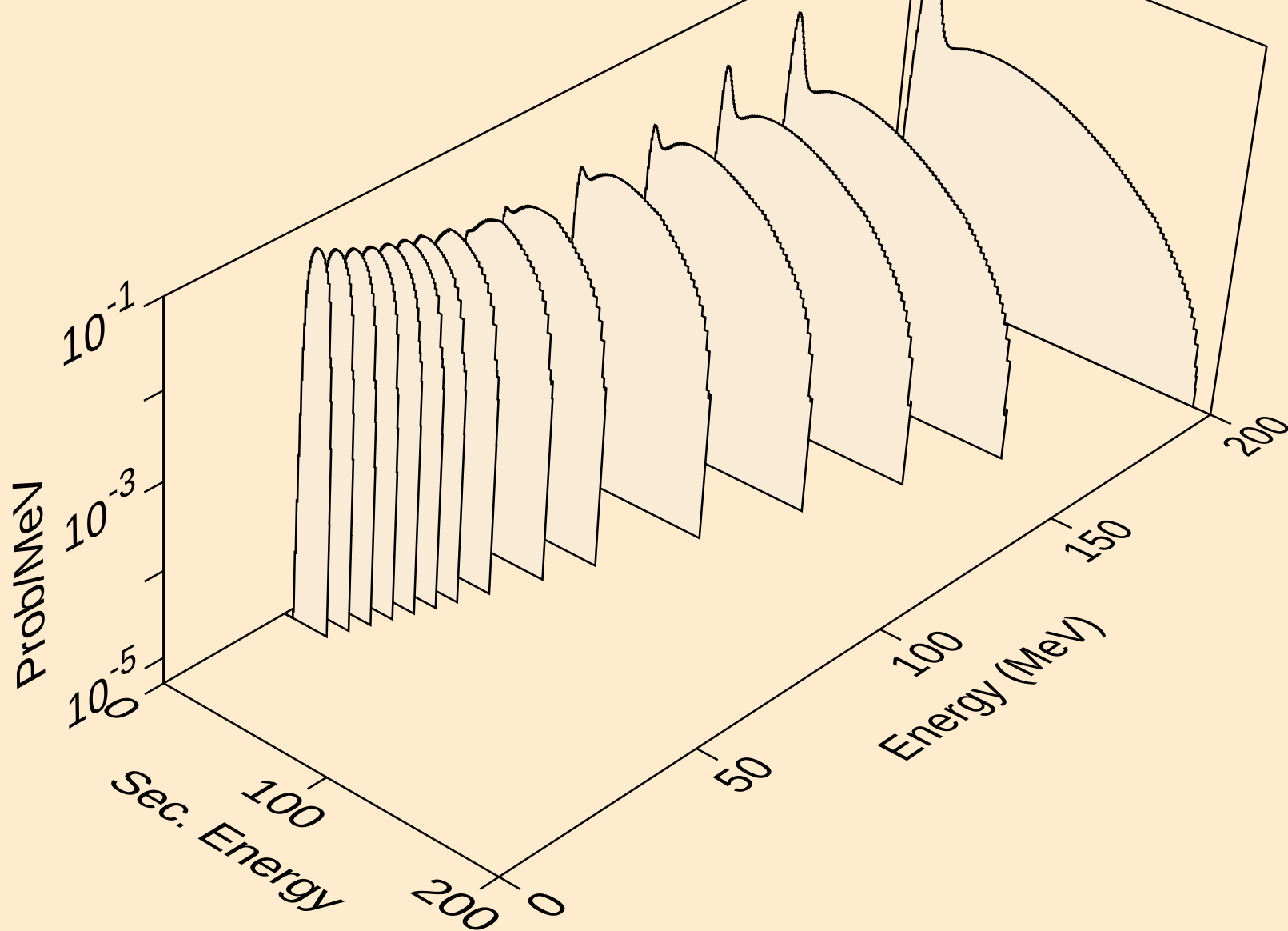
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,pd)



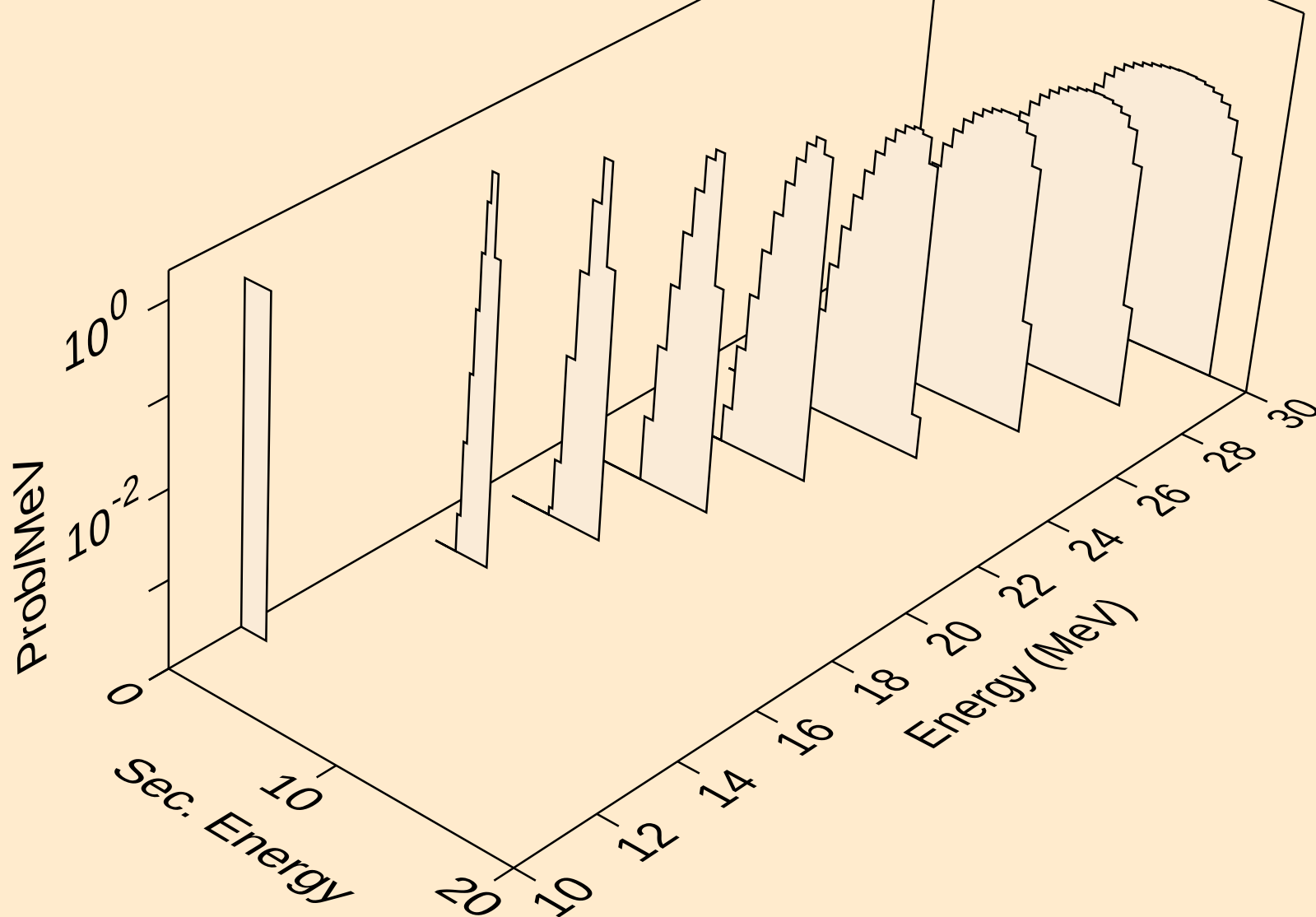
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,da)



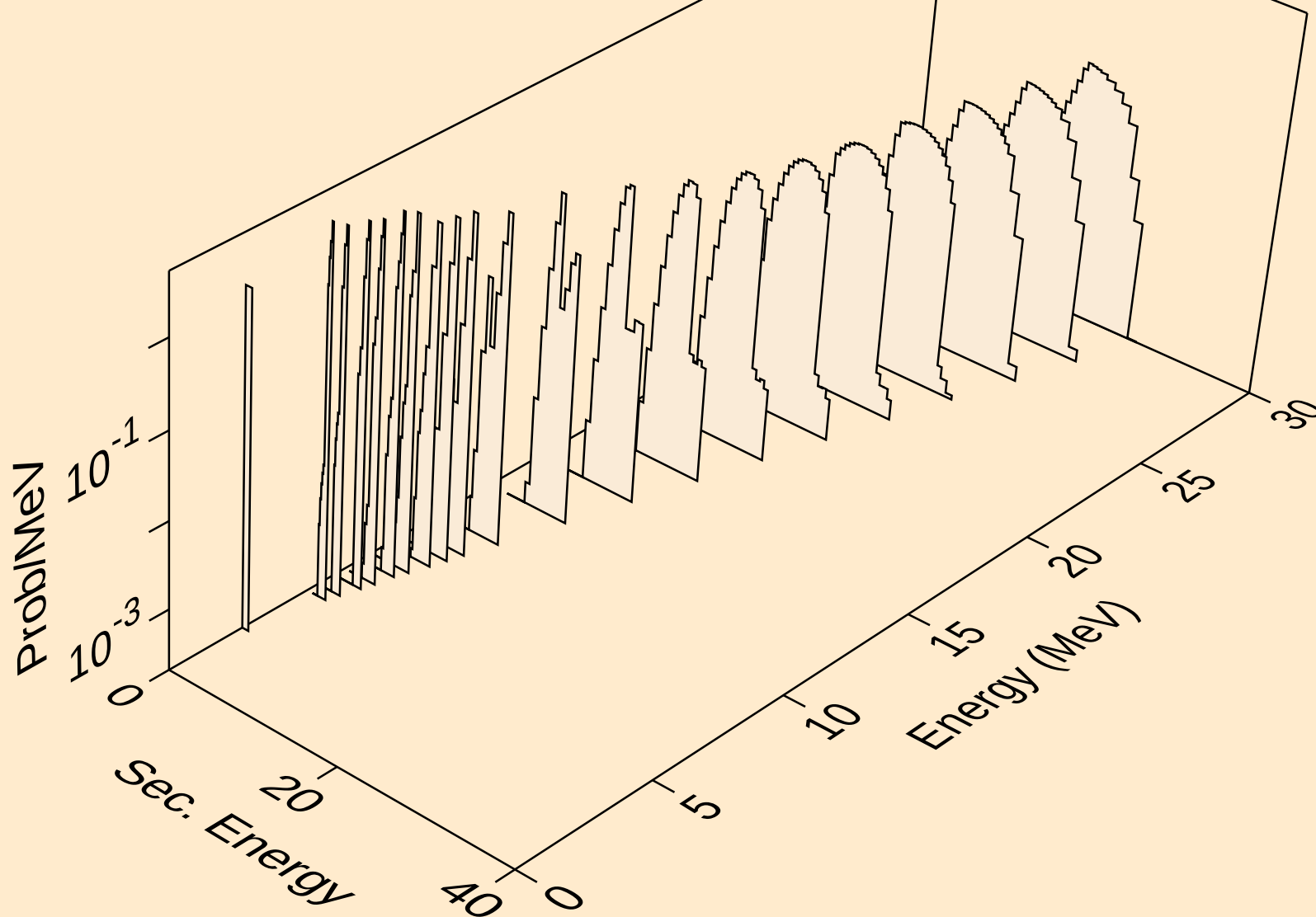
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



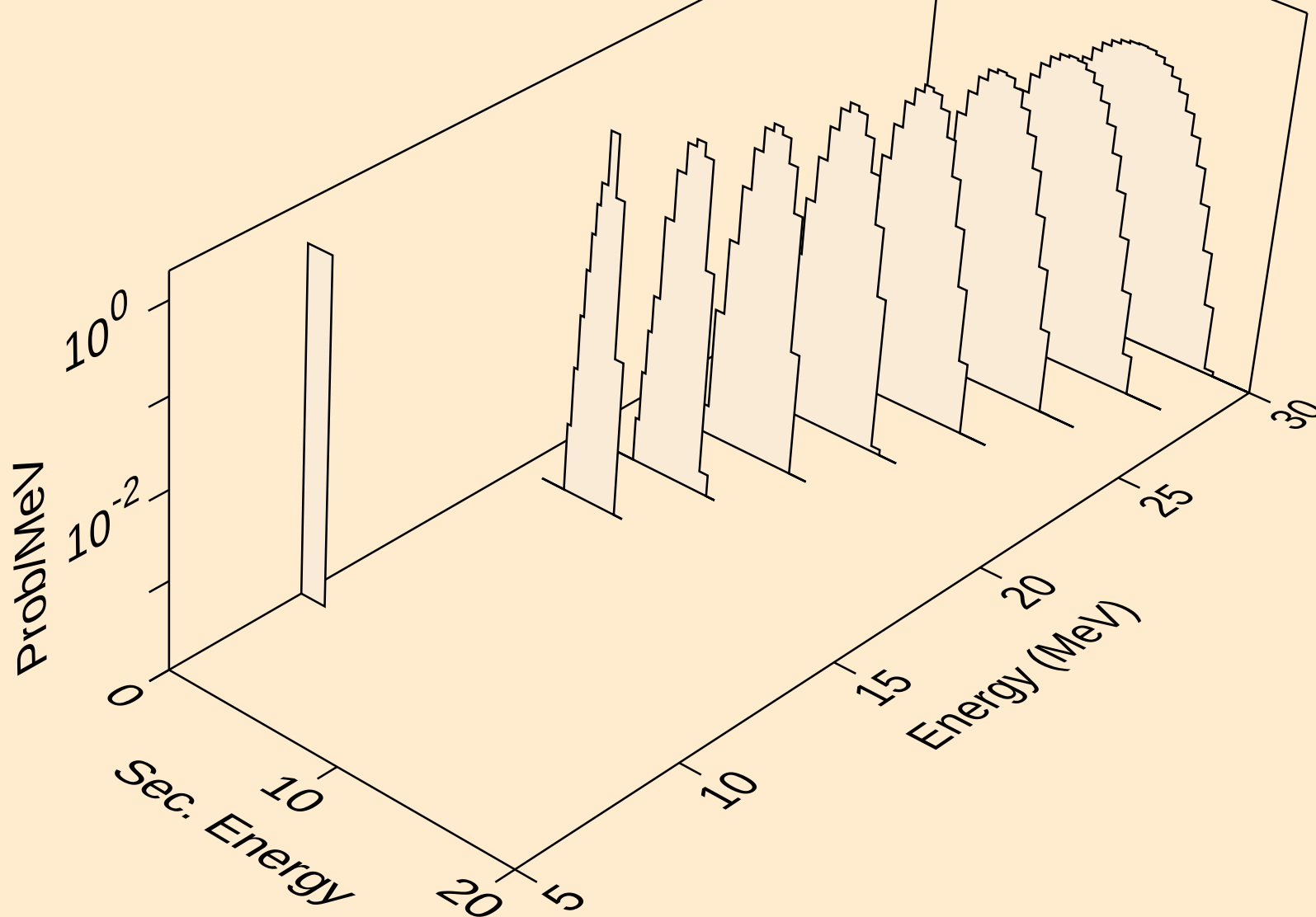
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



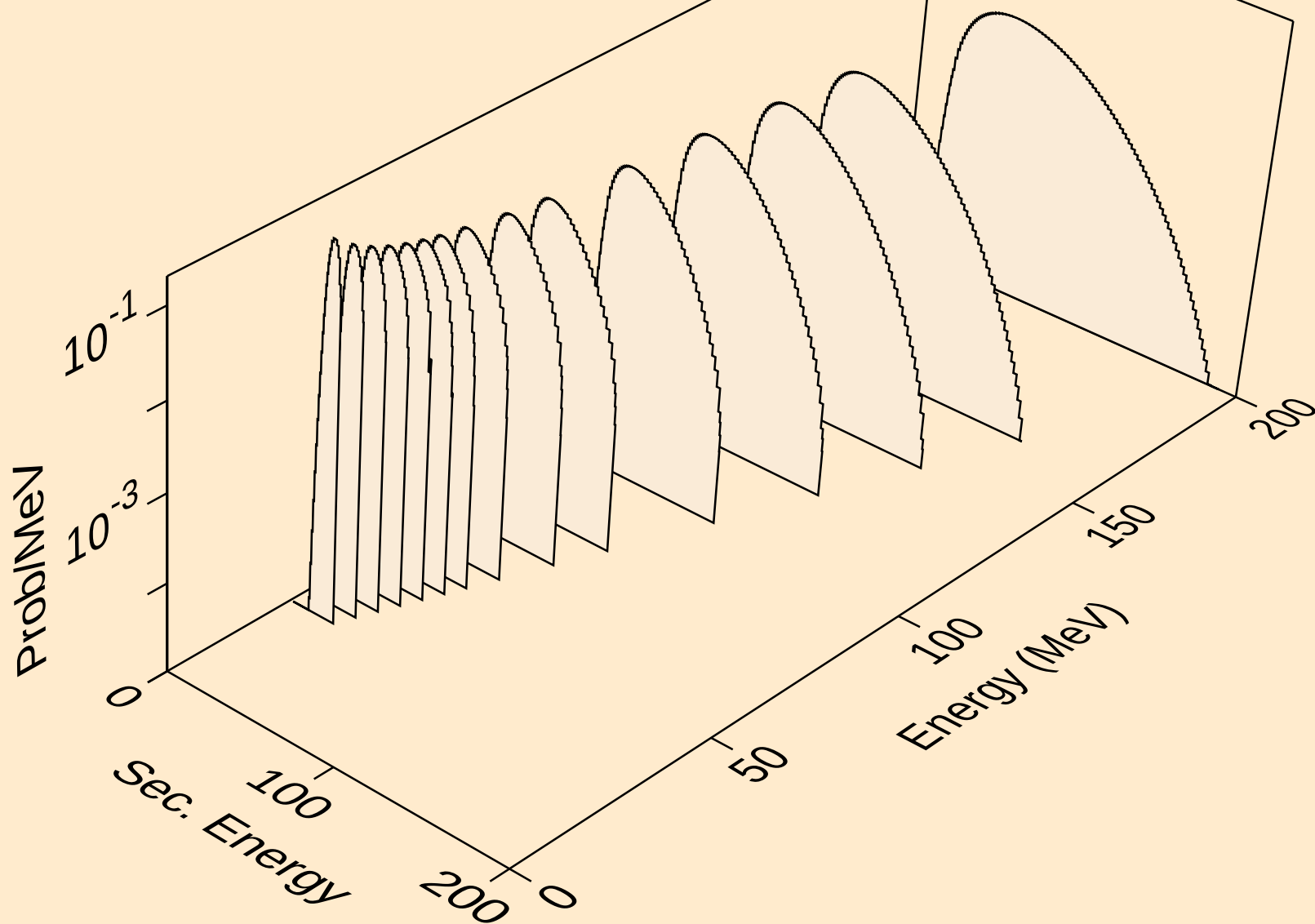
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,t)



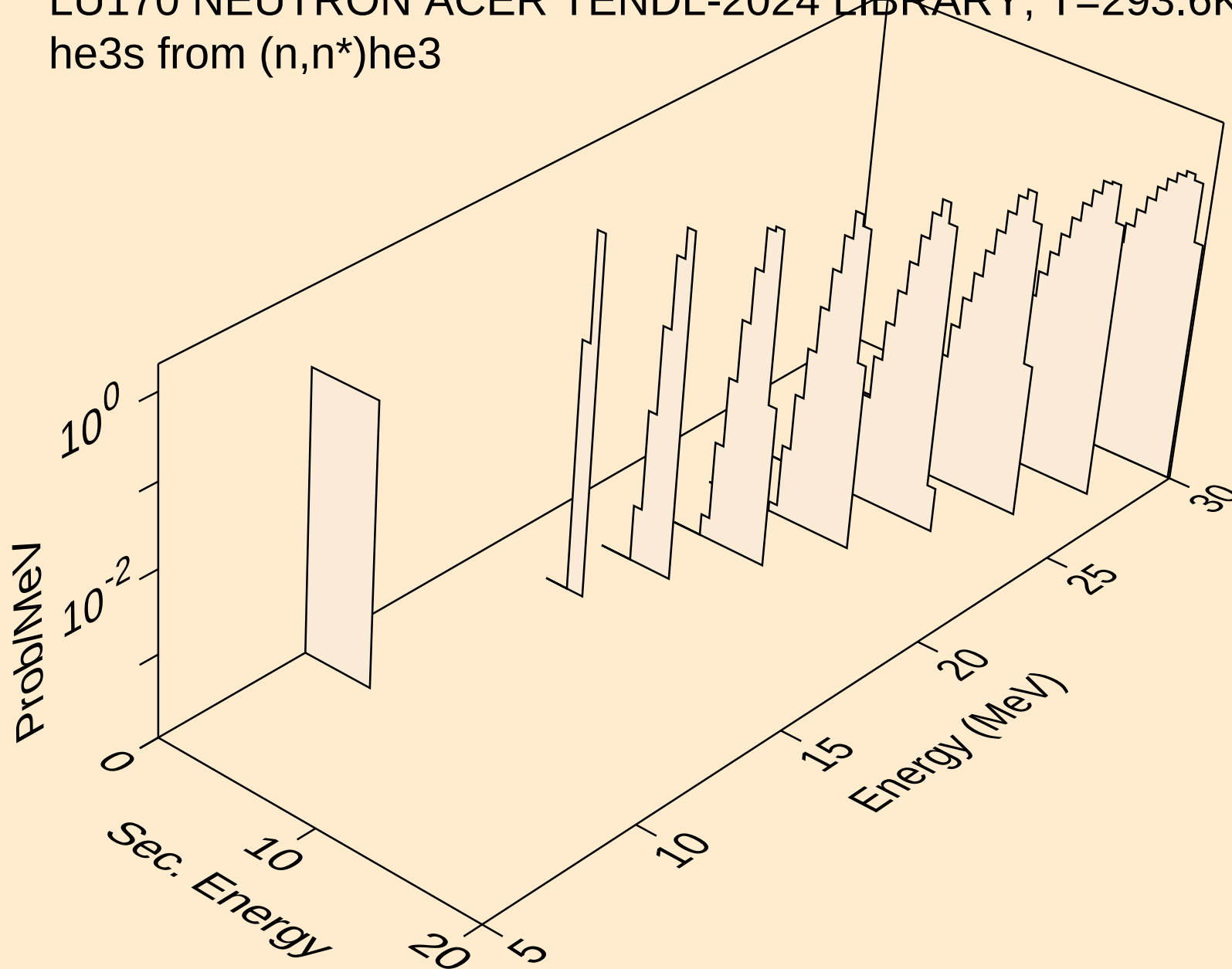
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,pt)



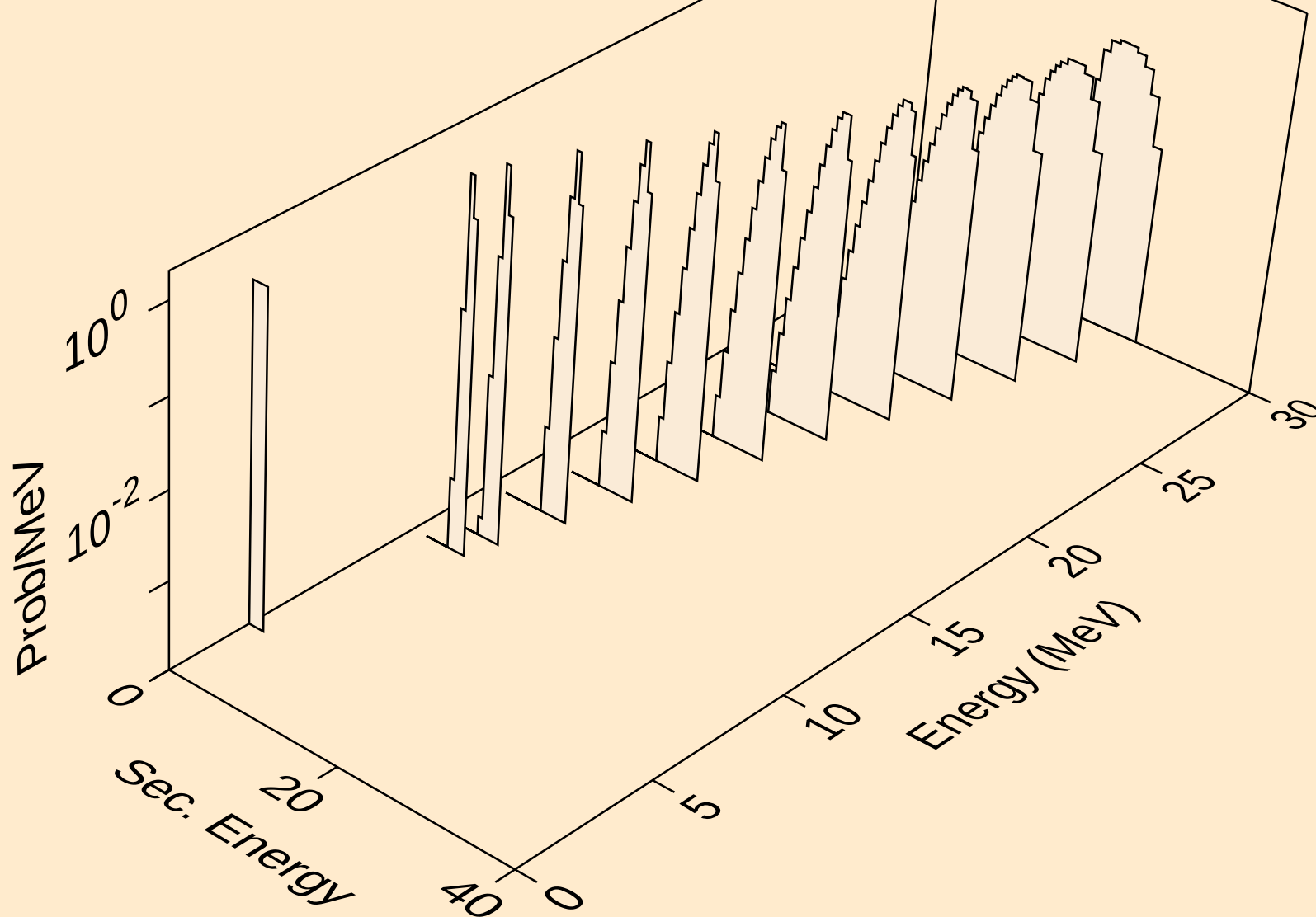
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



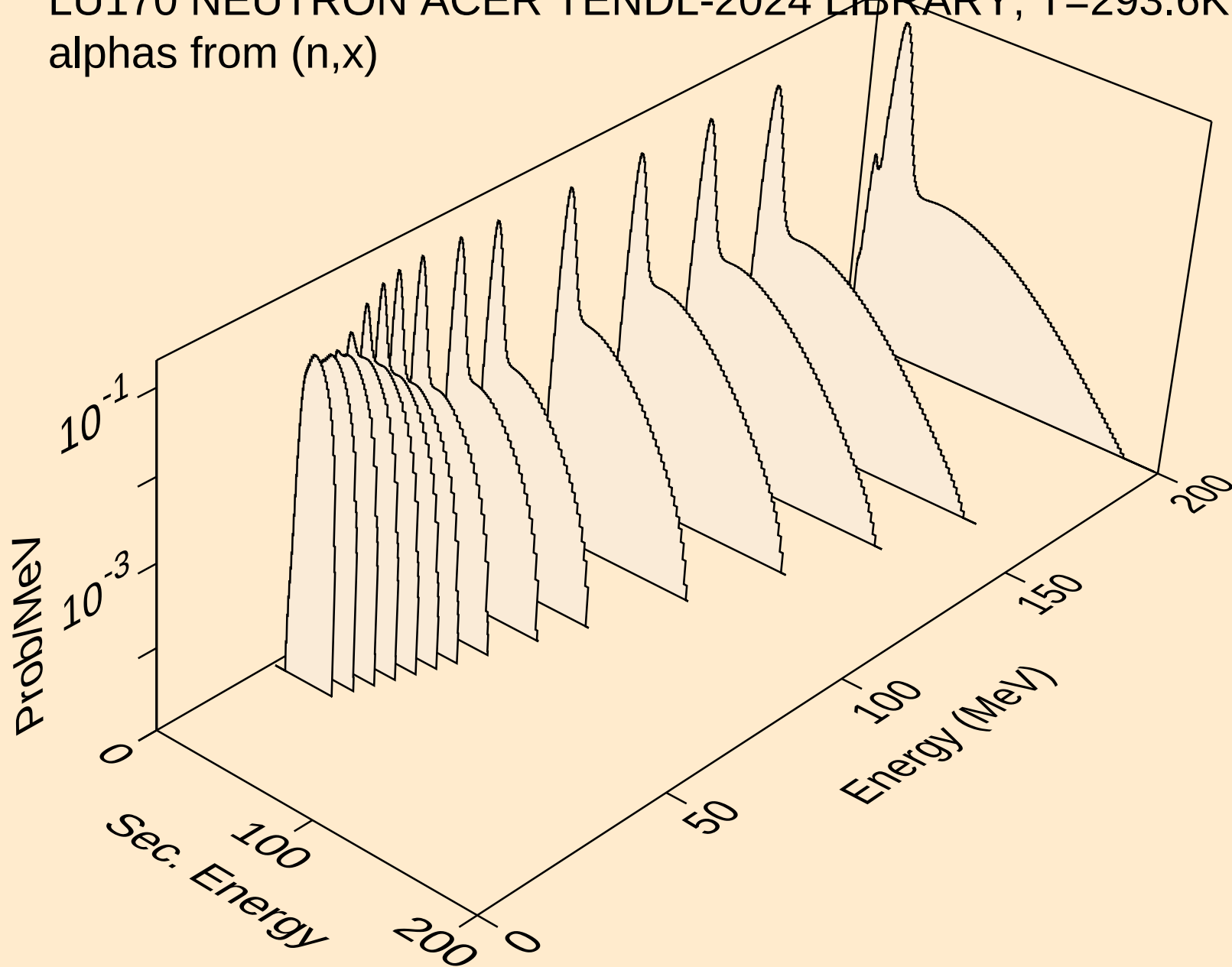
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



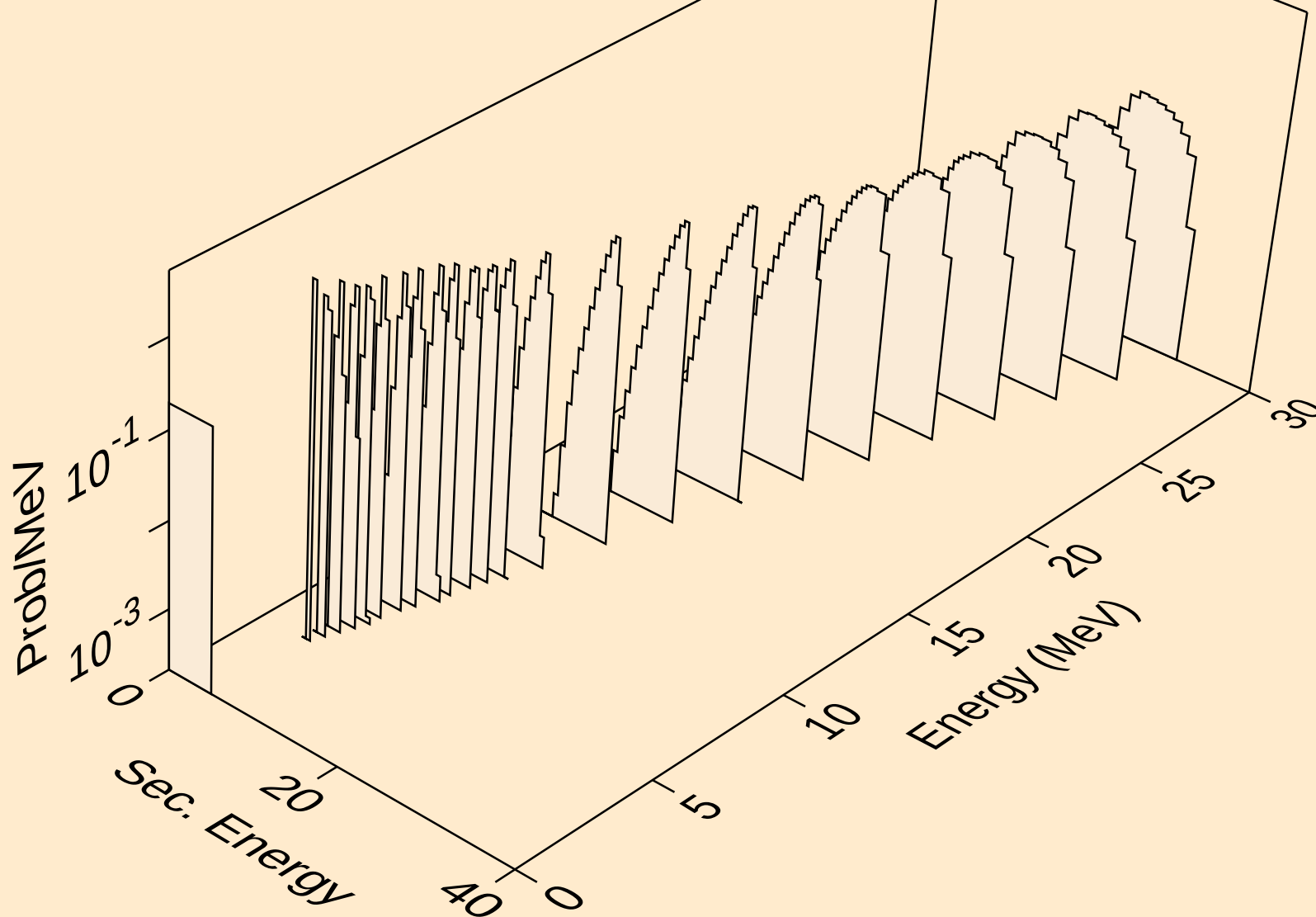
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,he3)



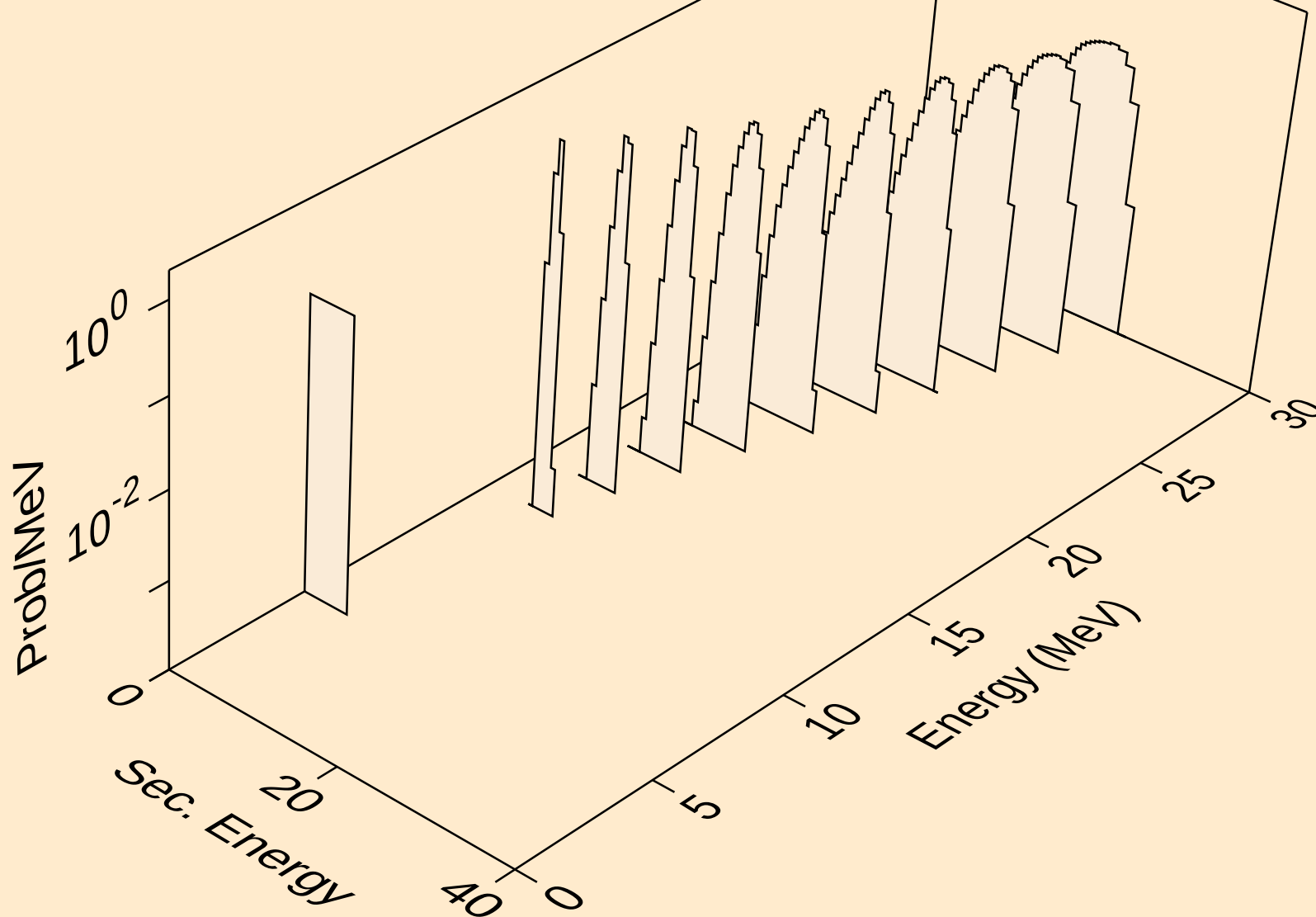
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



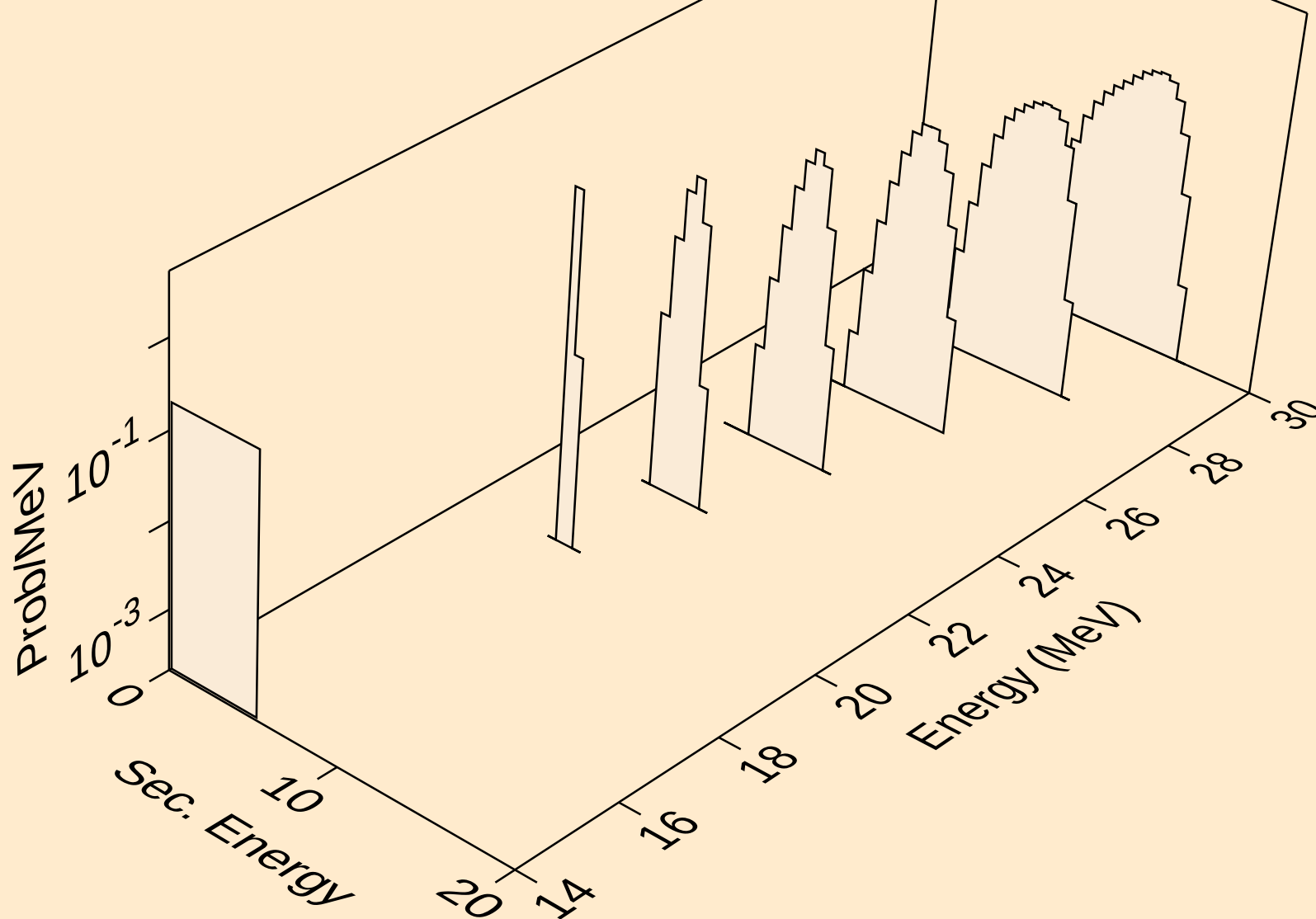
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



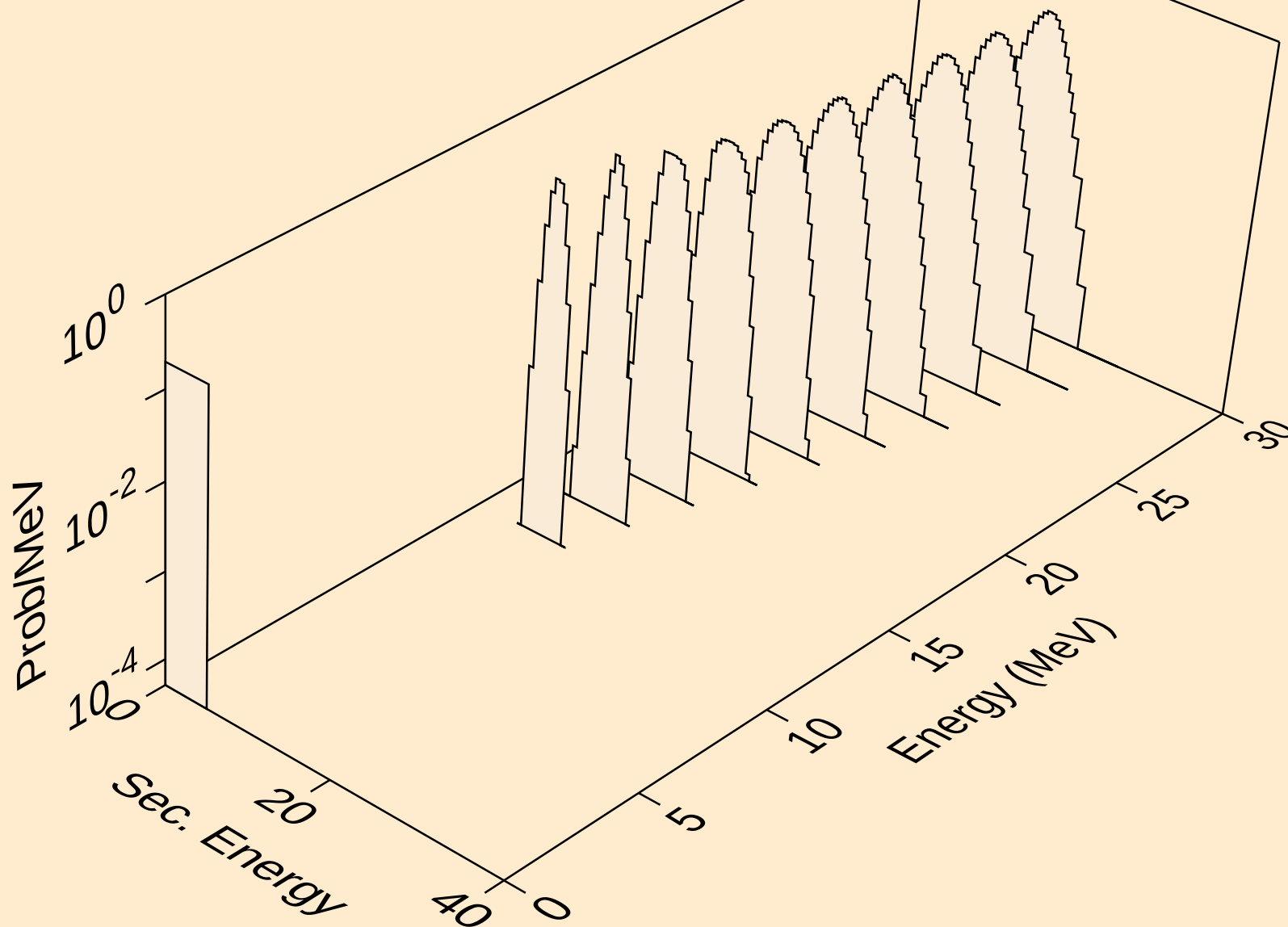
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



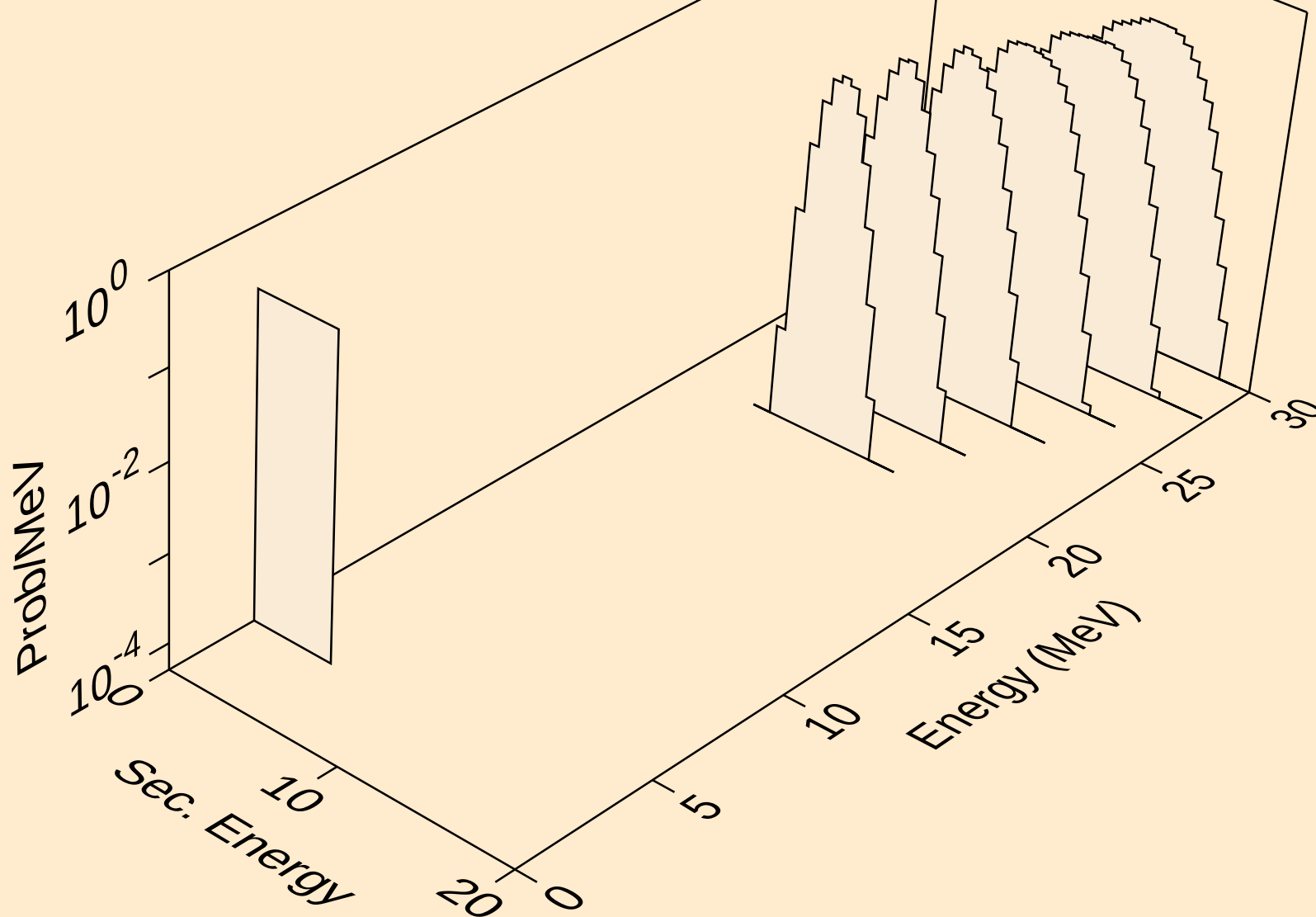
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3n)a



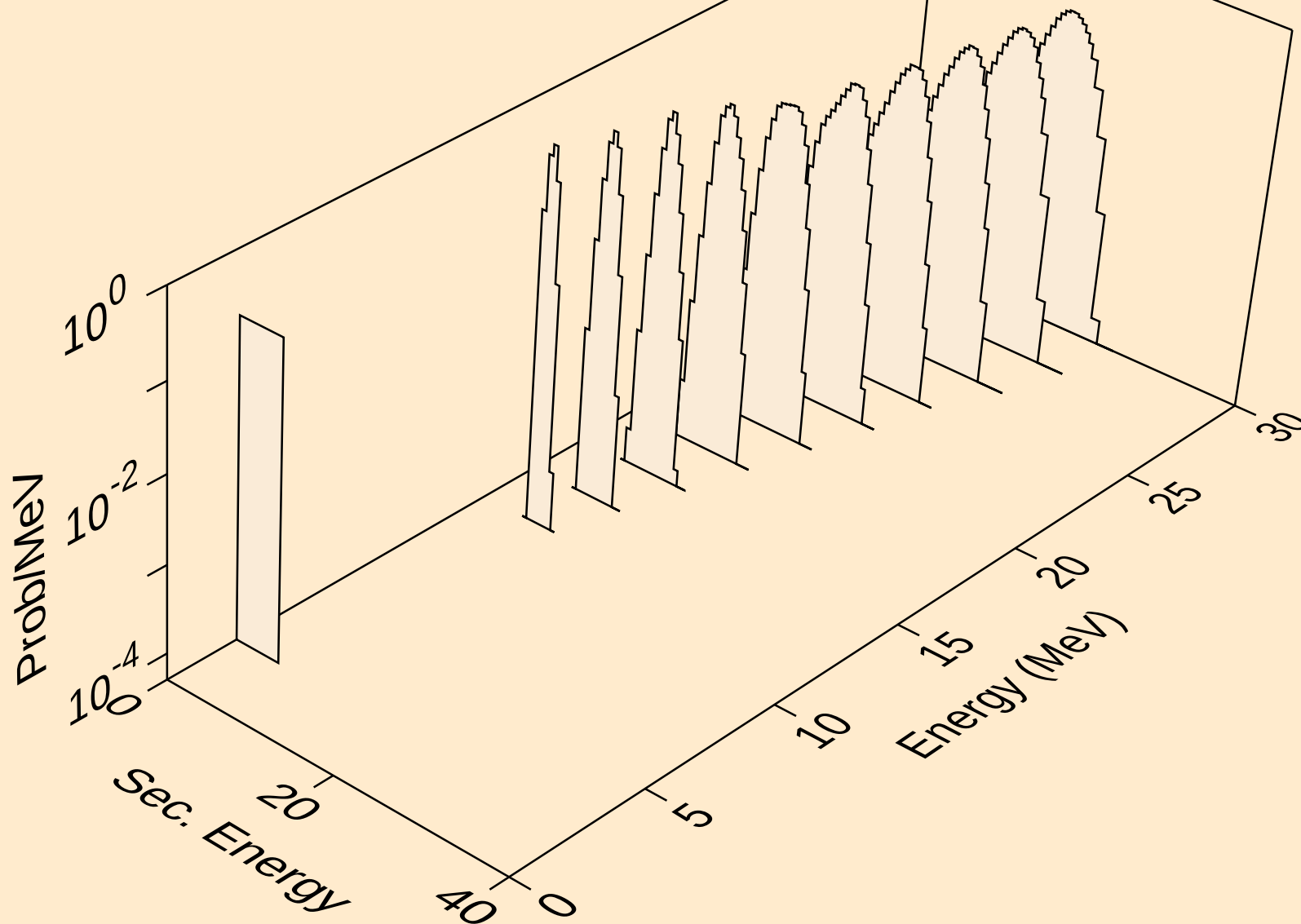
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



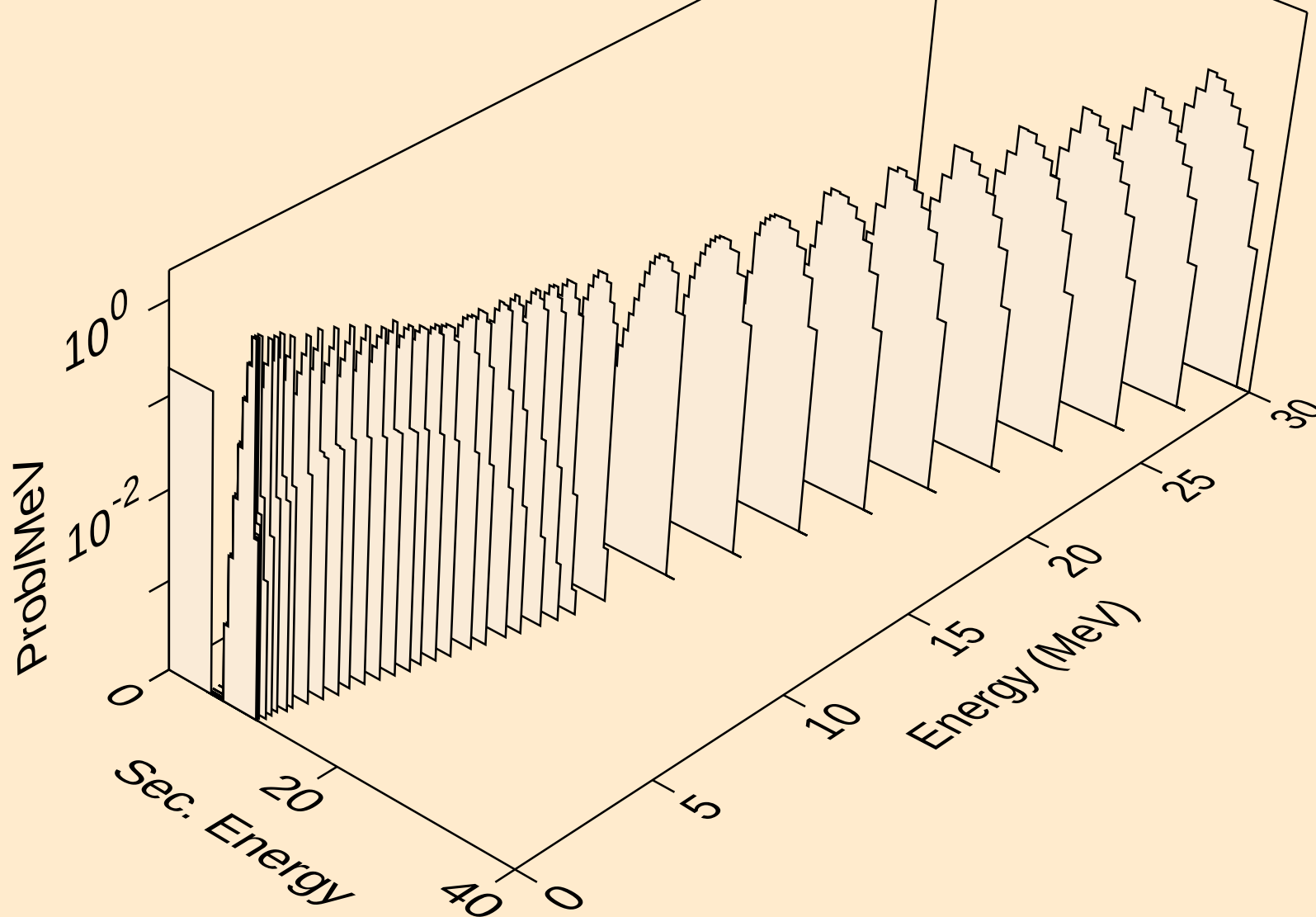
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)2a



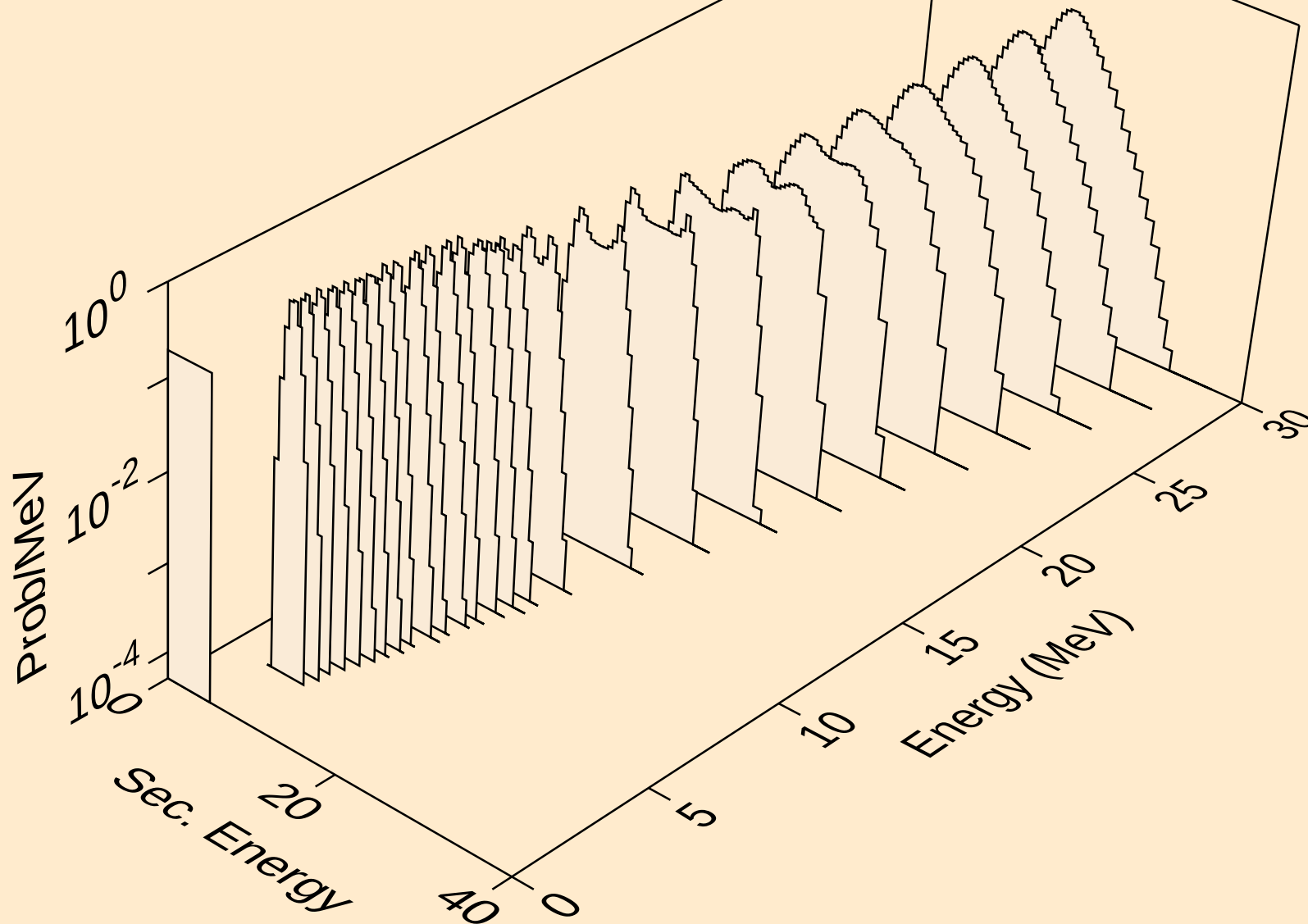
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



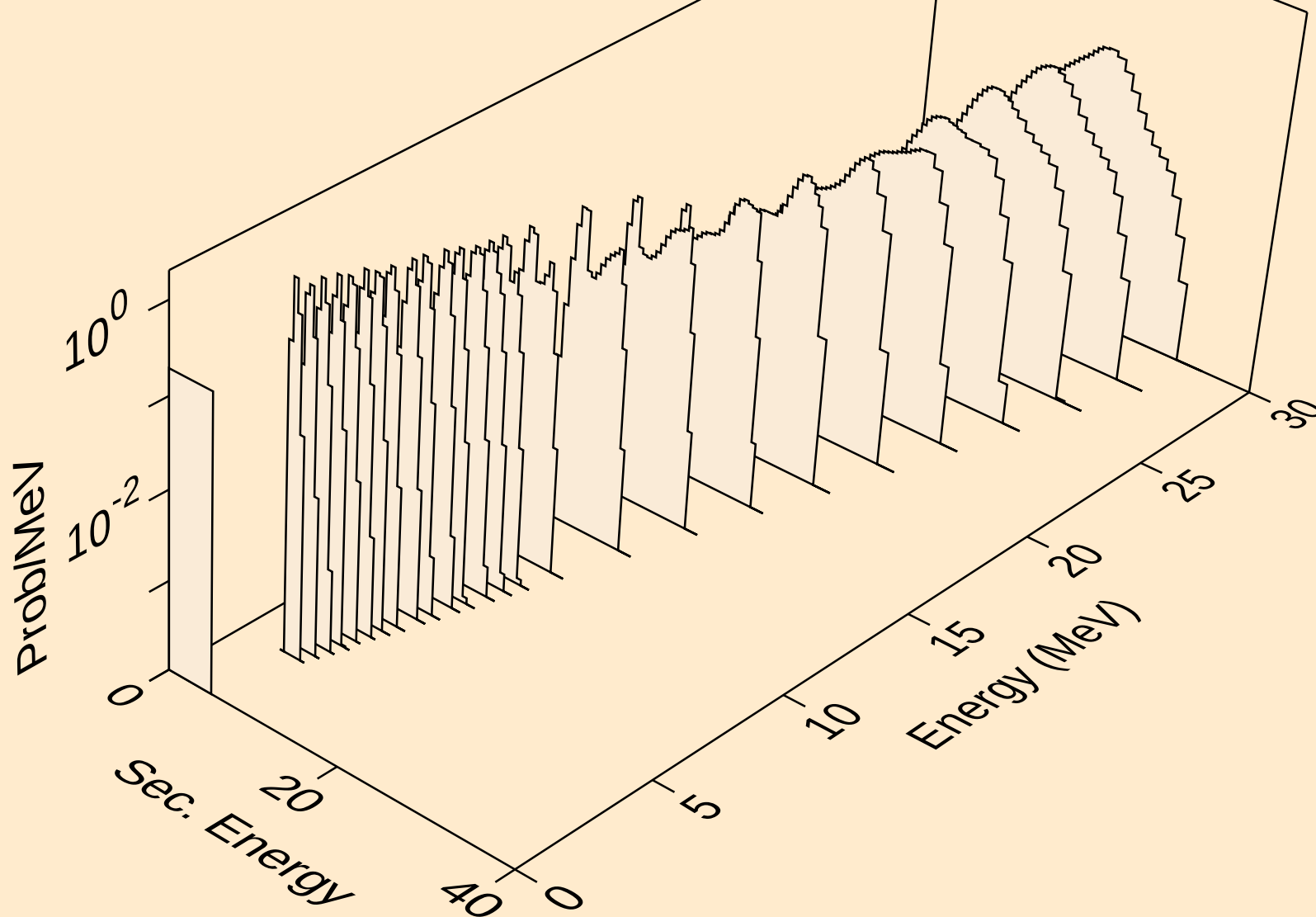
LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)



LU170 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

