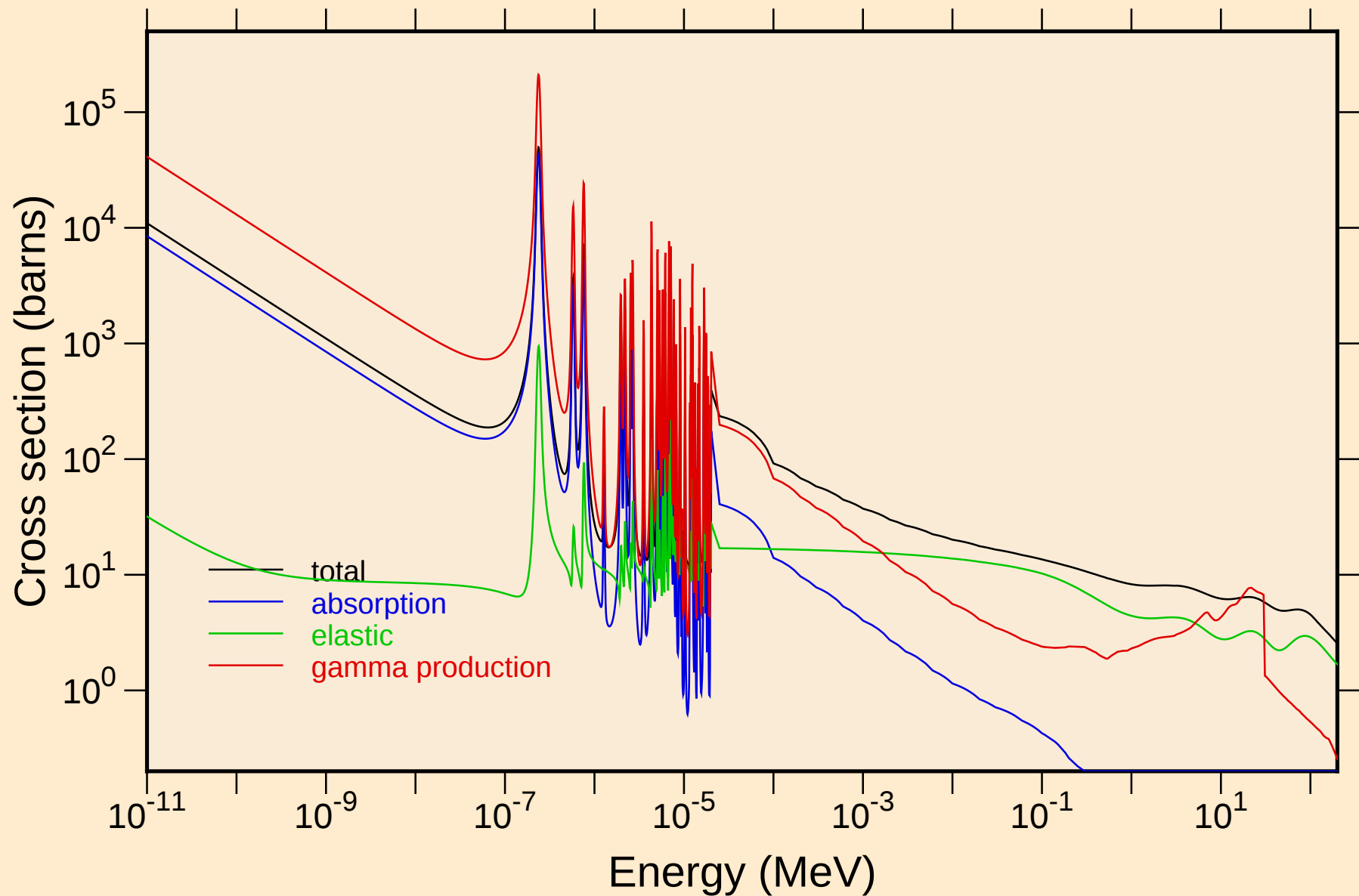
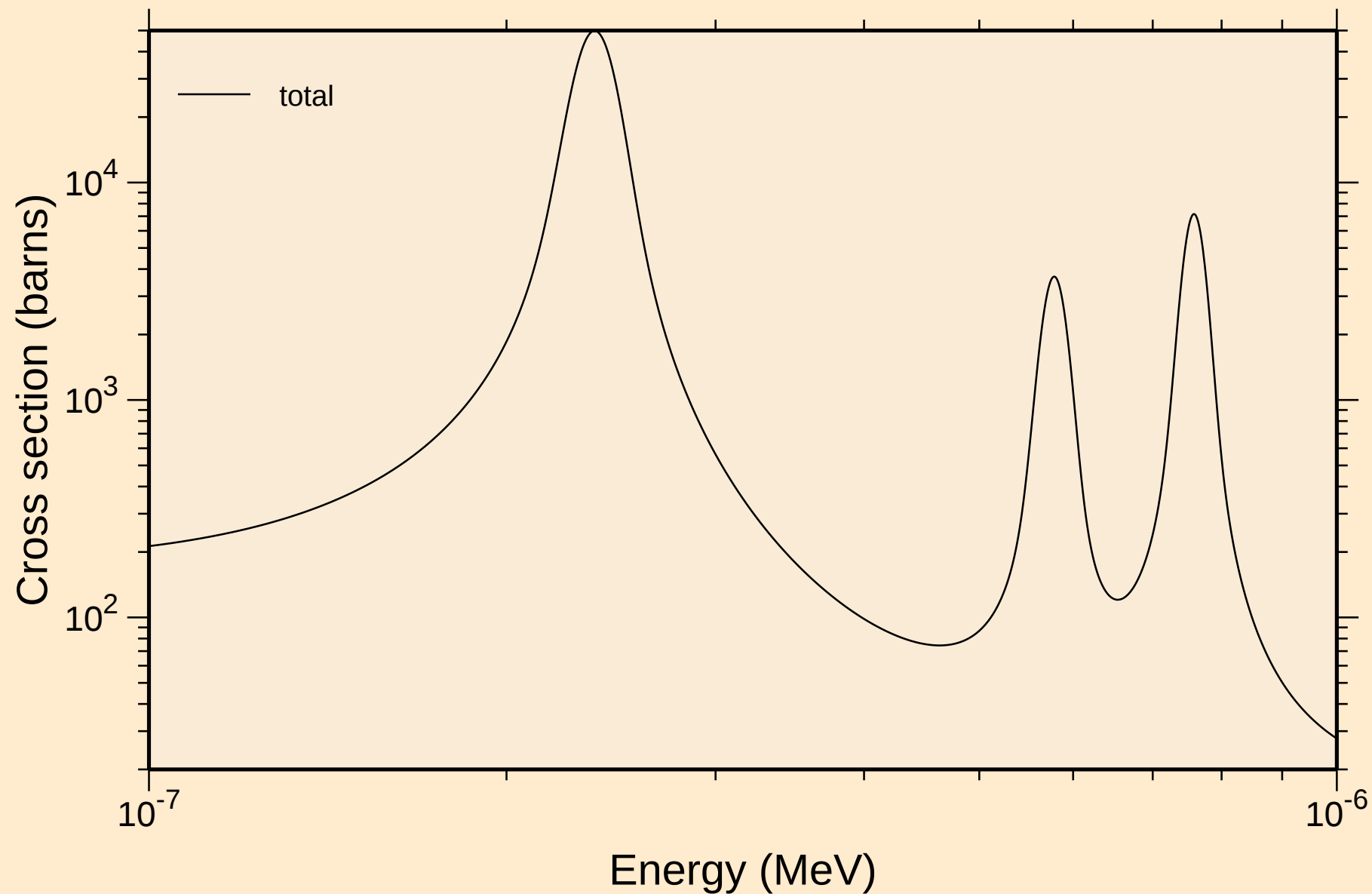


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

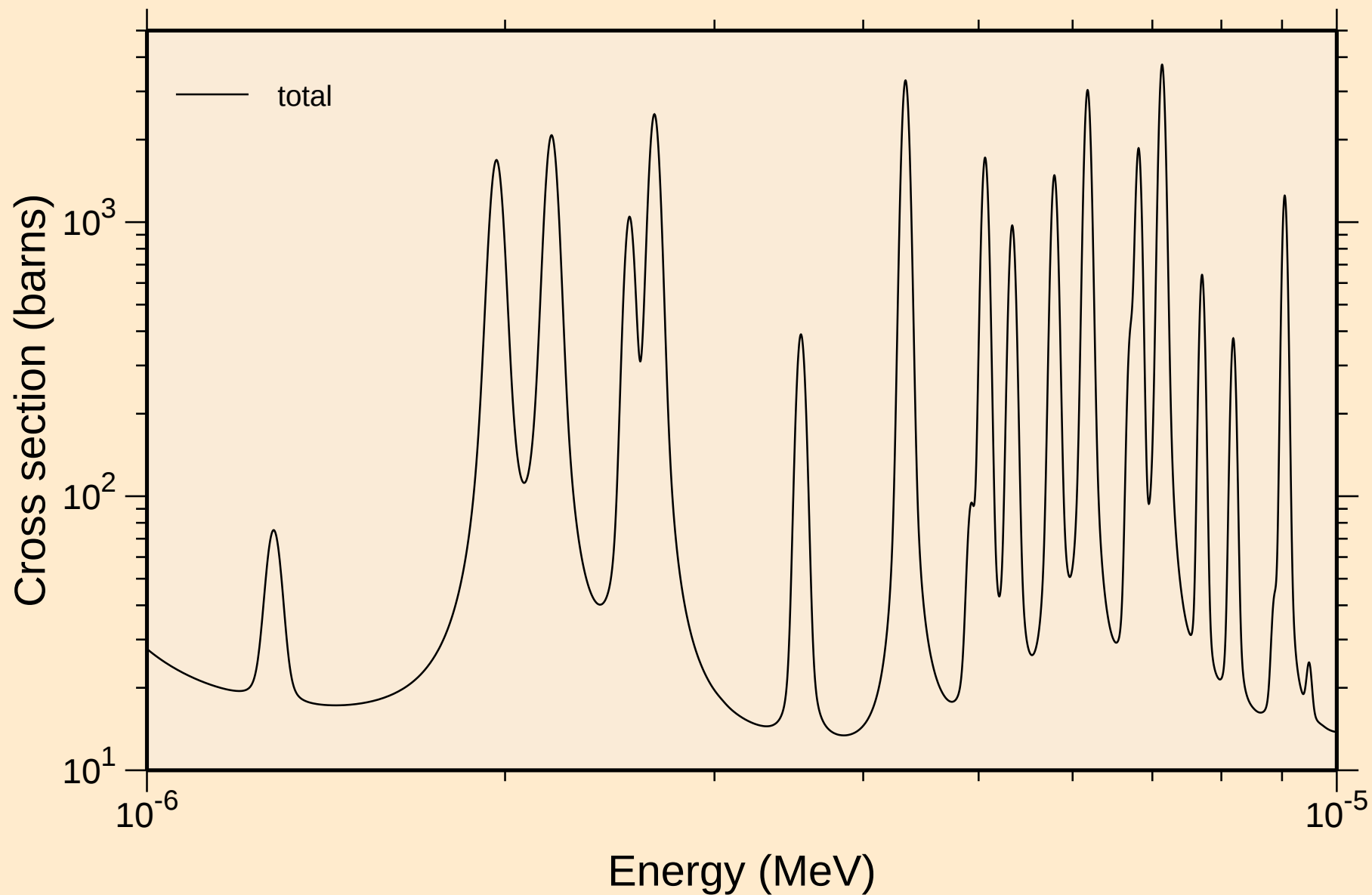
Principal cross sections



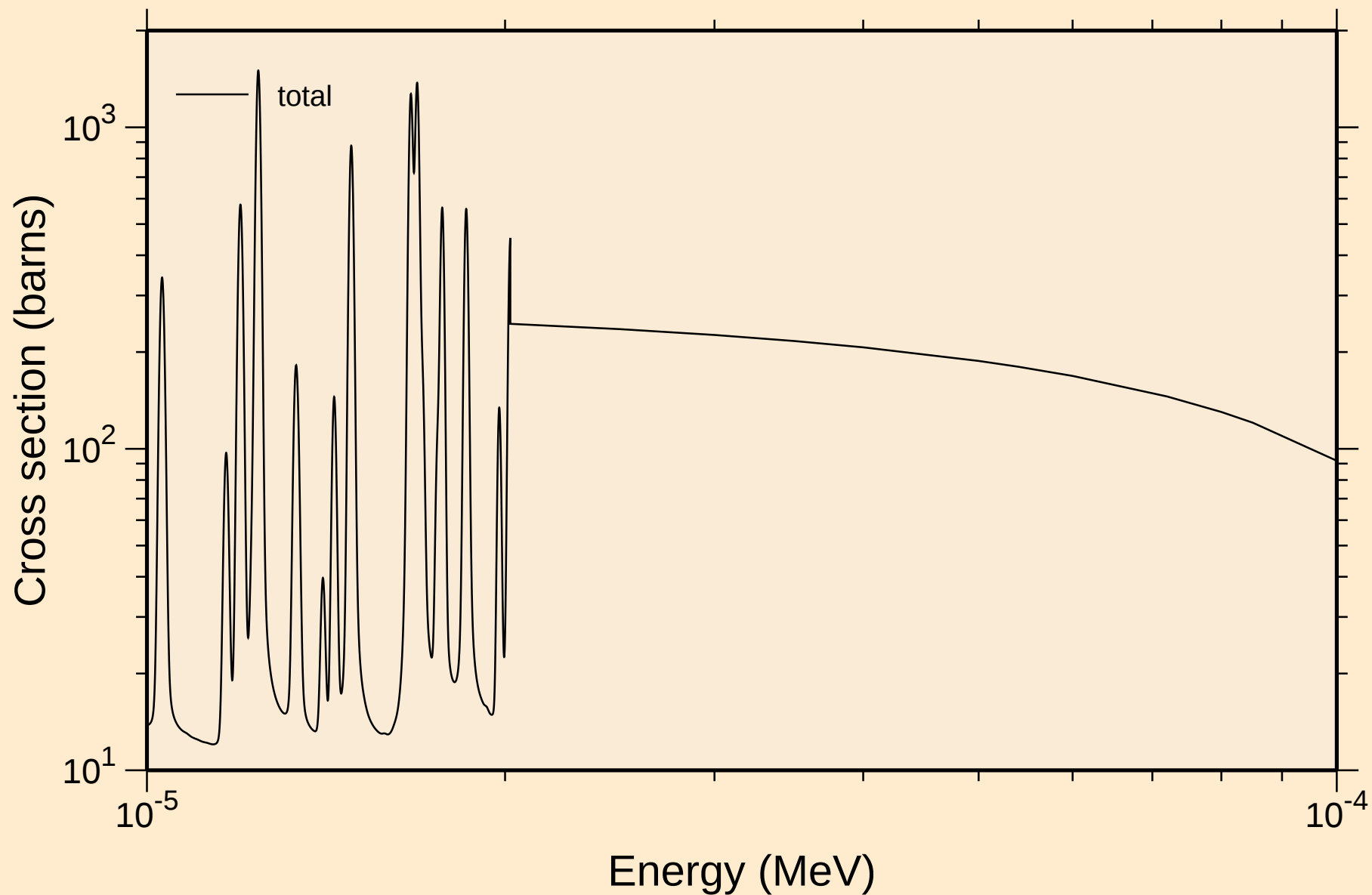
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



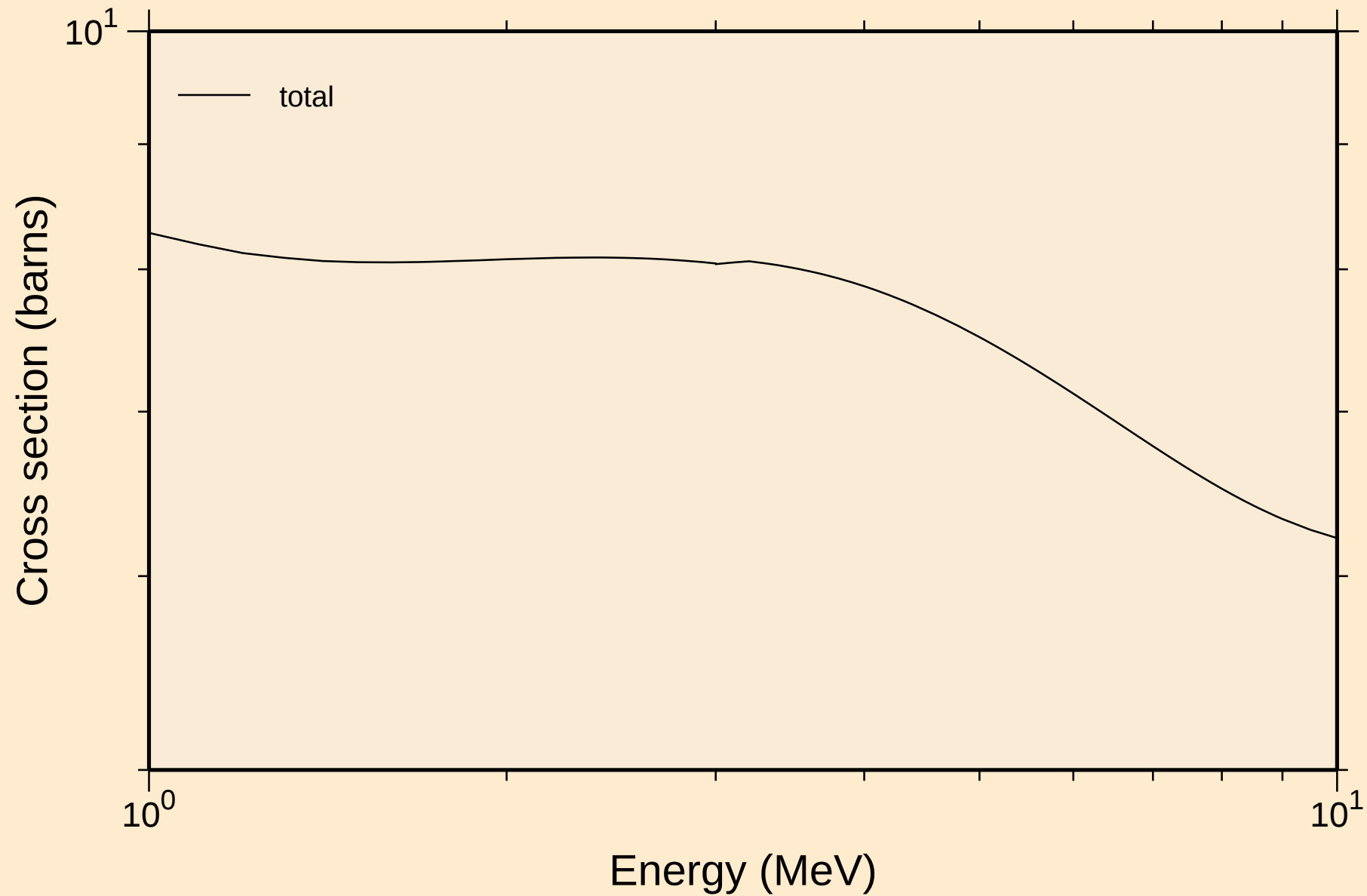
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



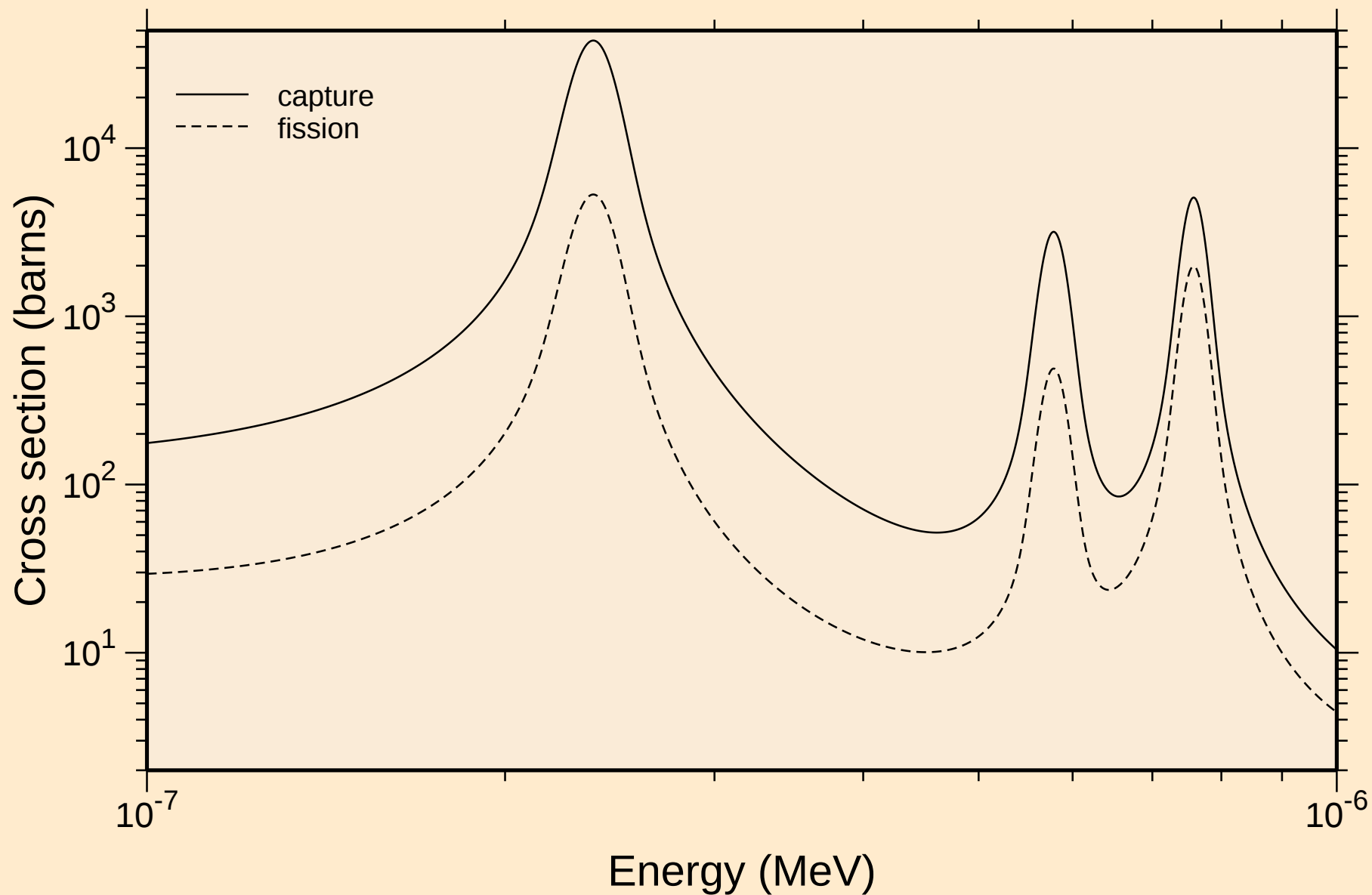
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



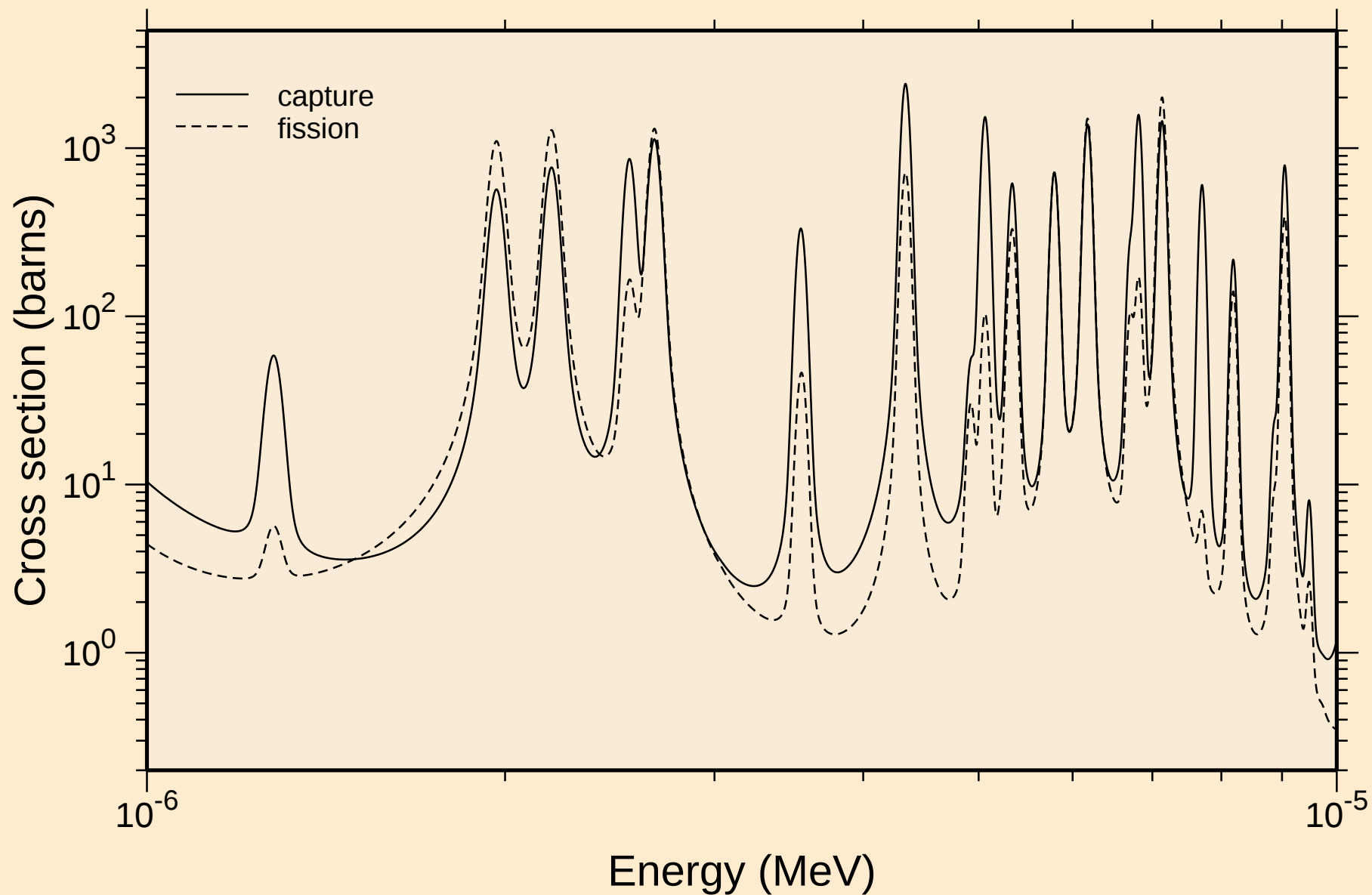
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



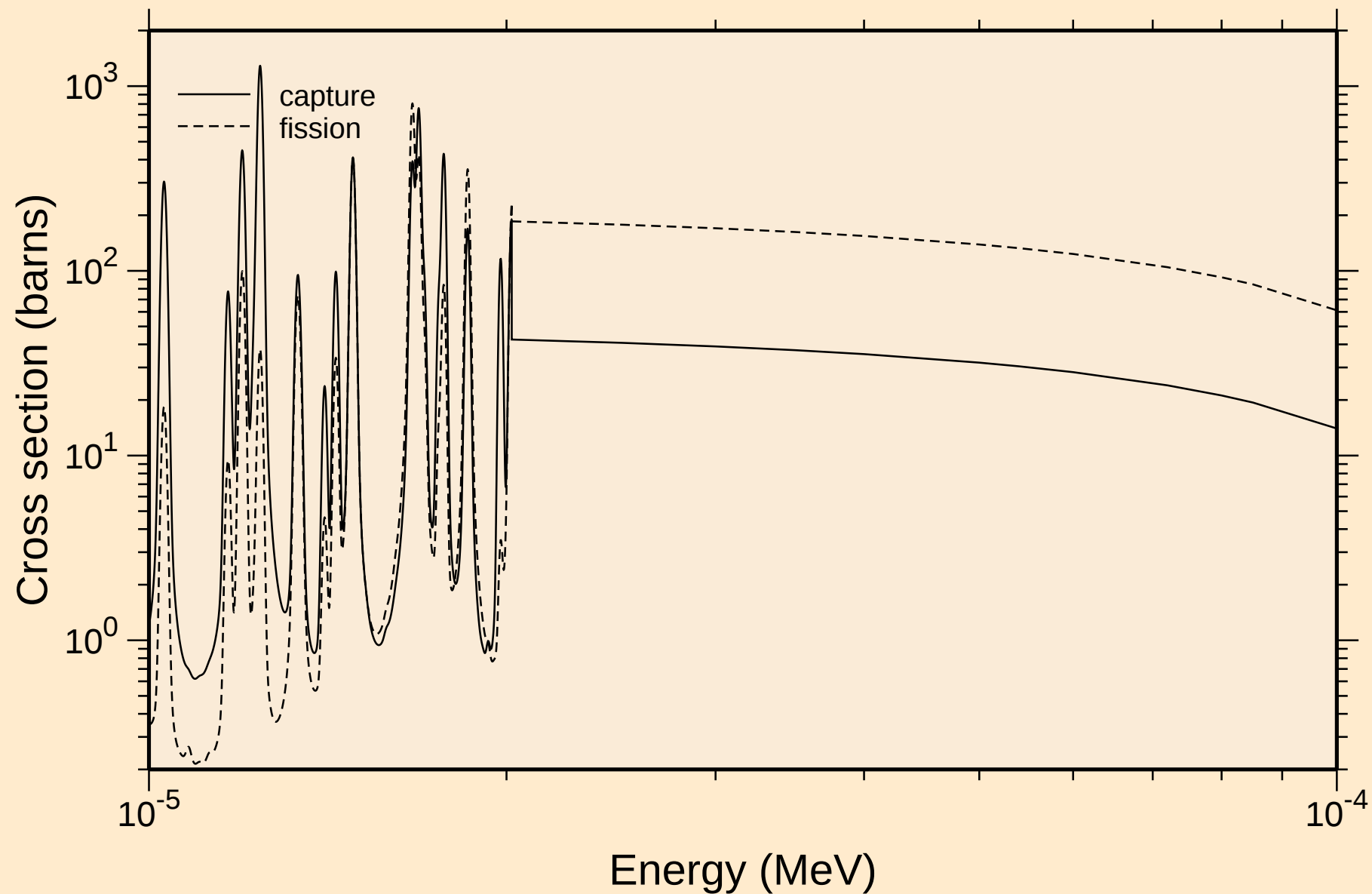
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



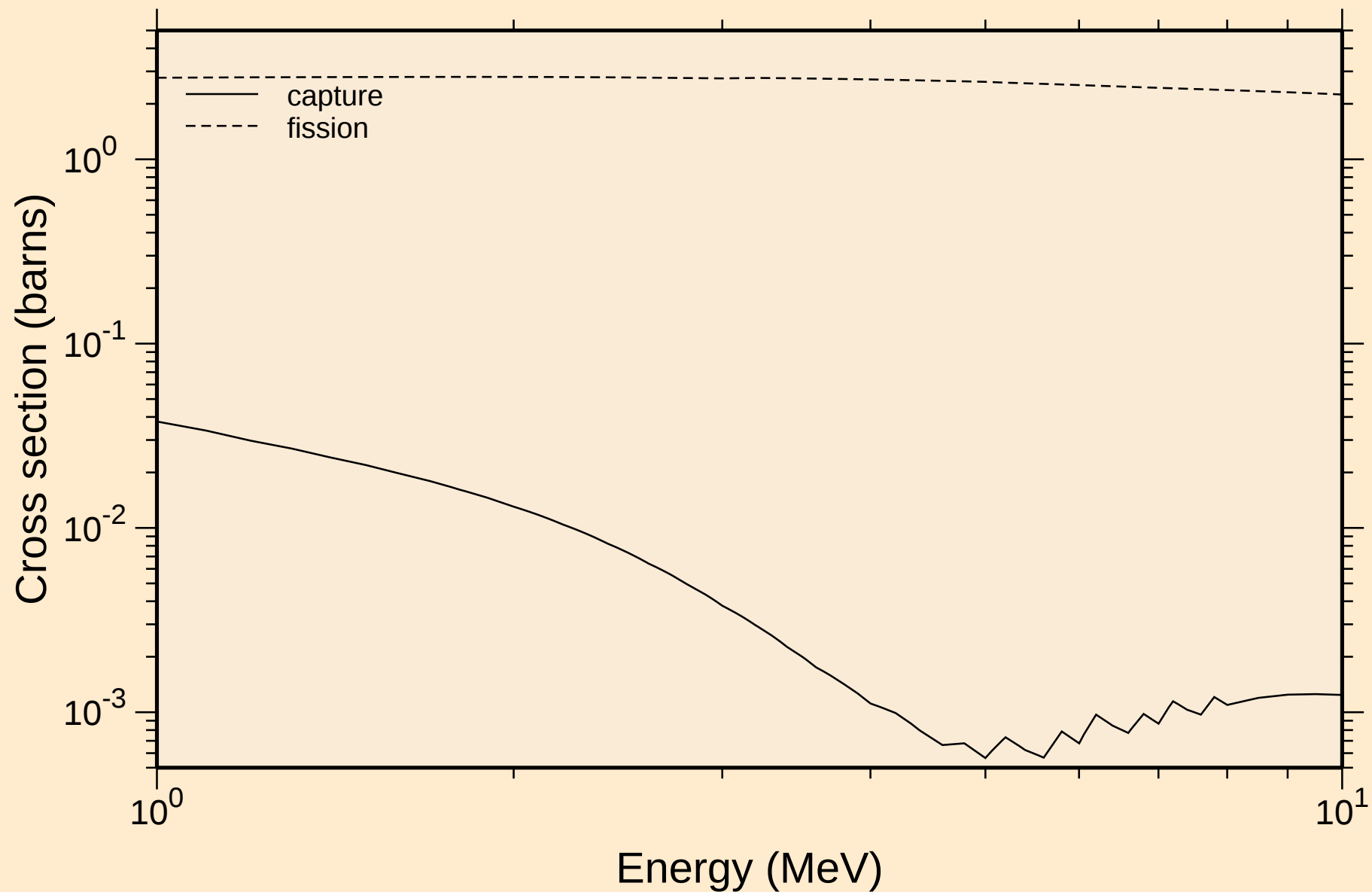
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

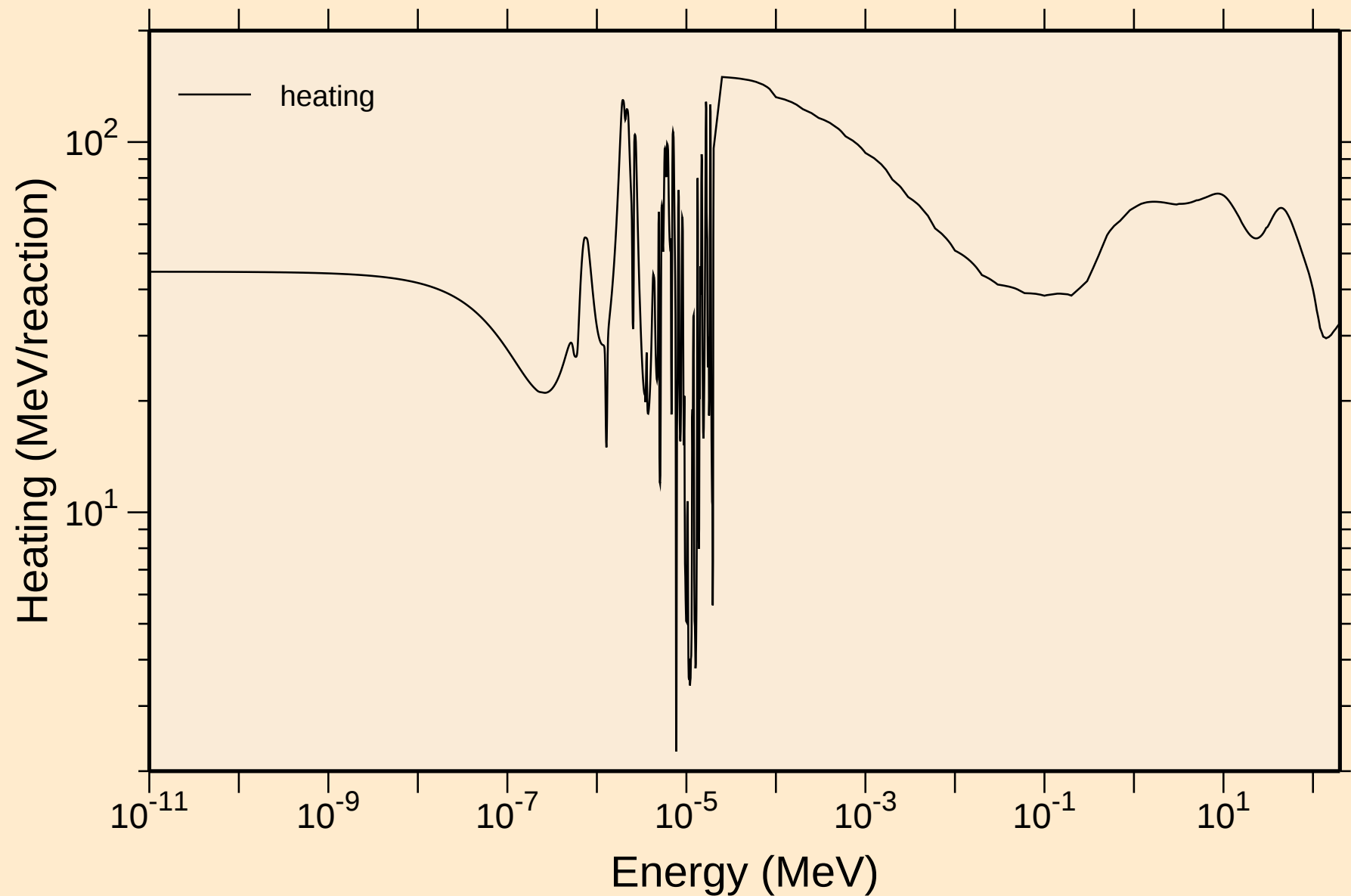


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



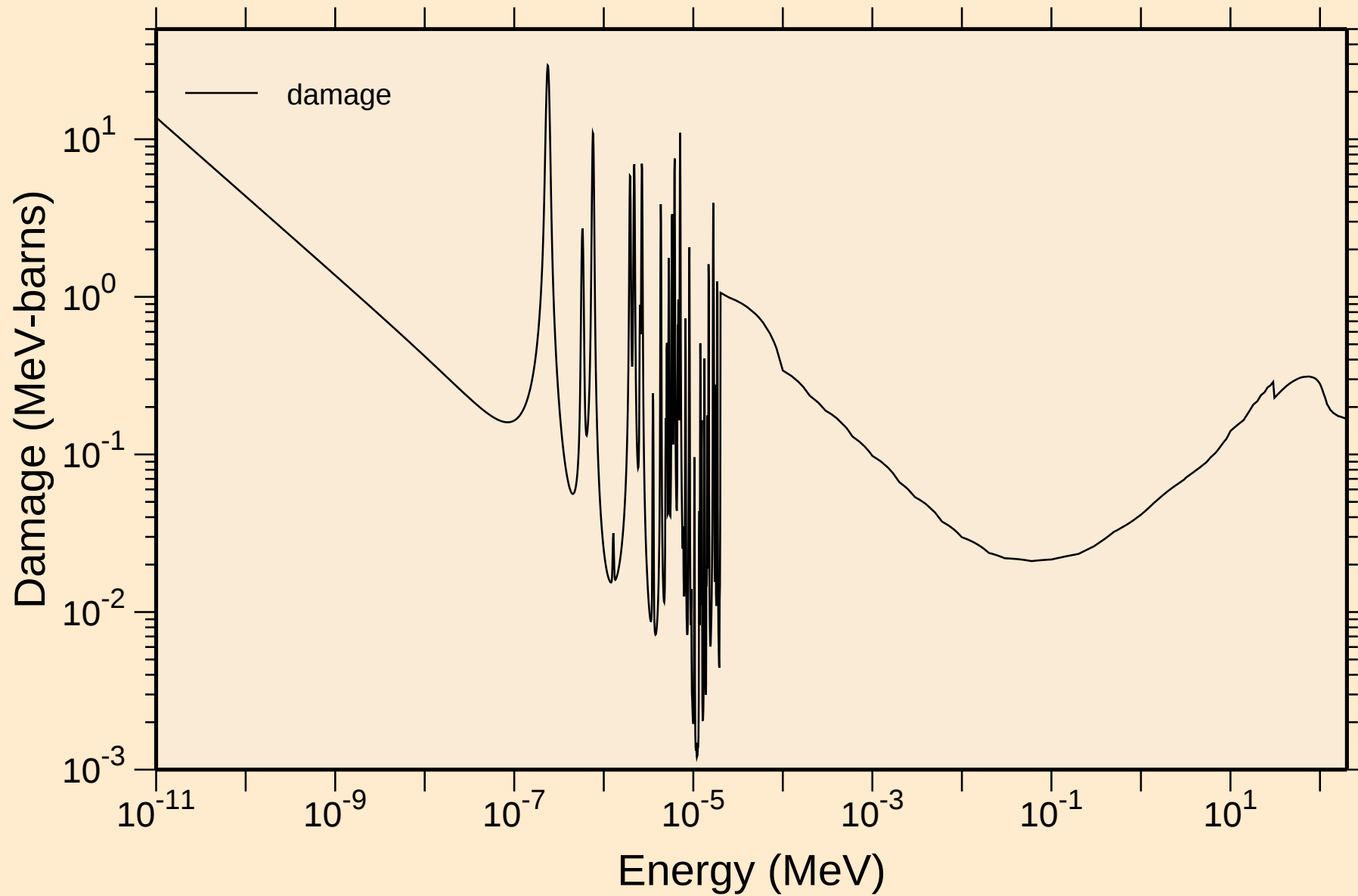
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

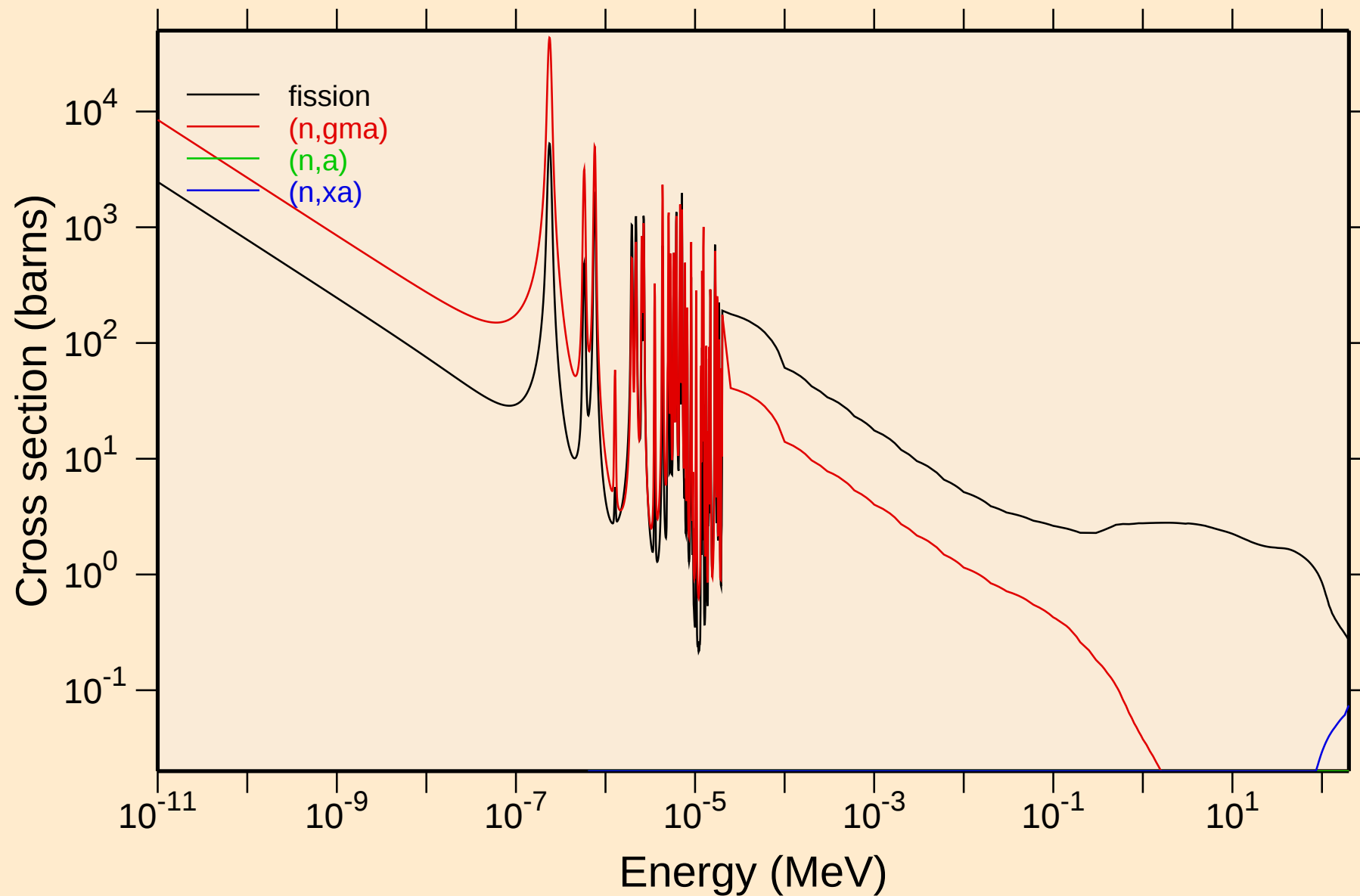


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Damage

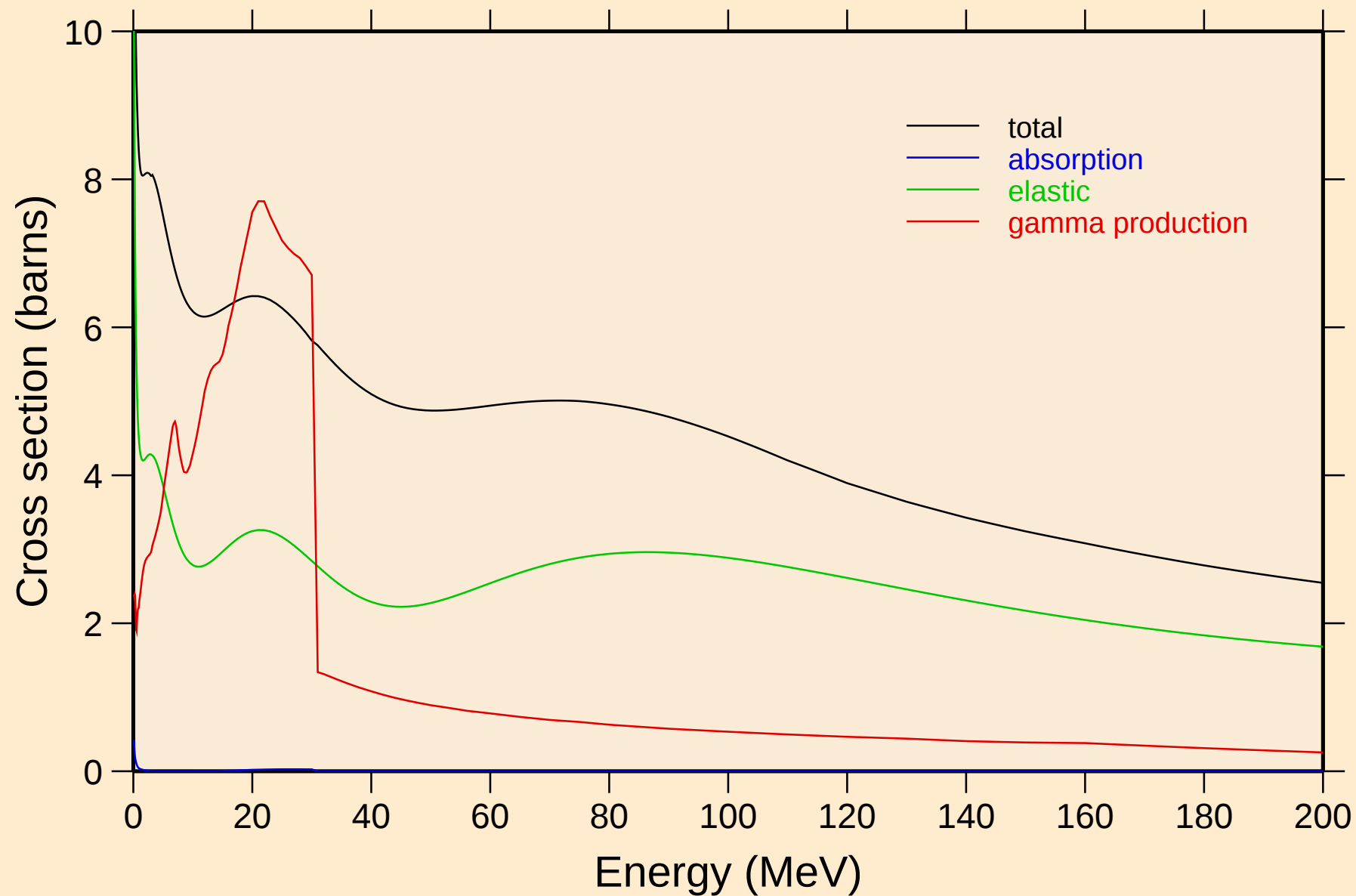


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



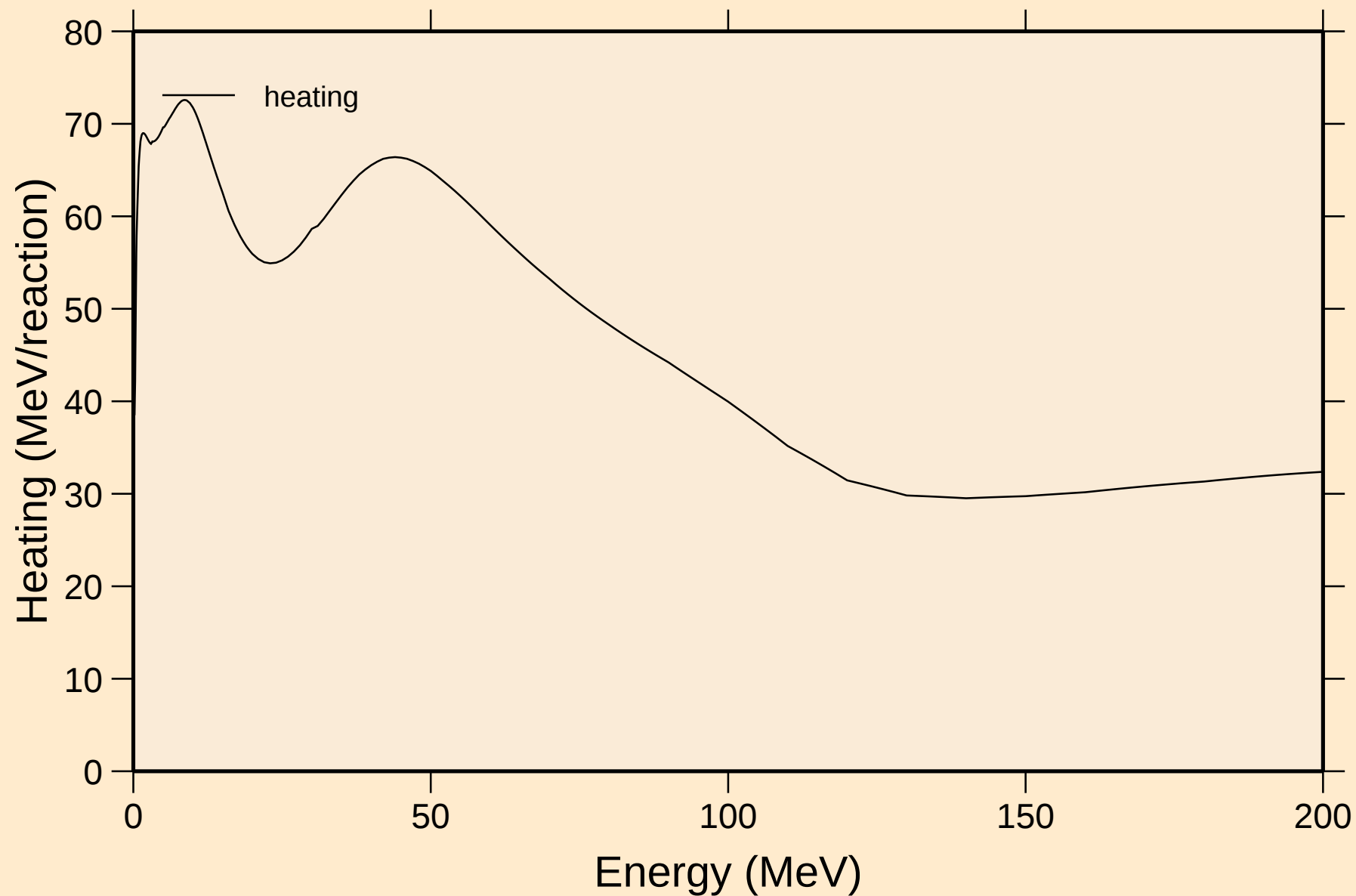
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections



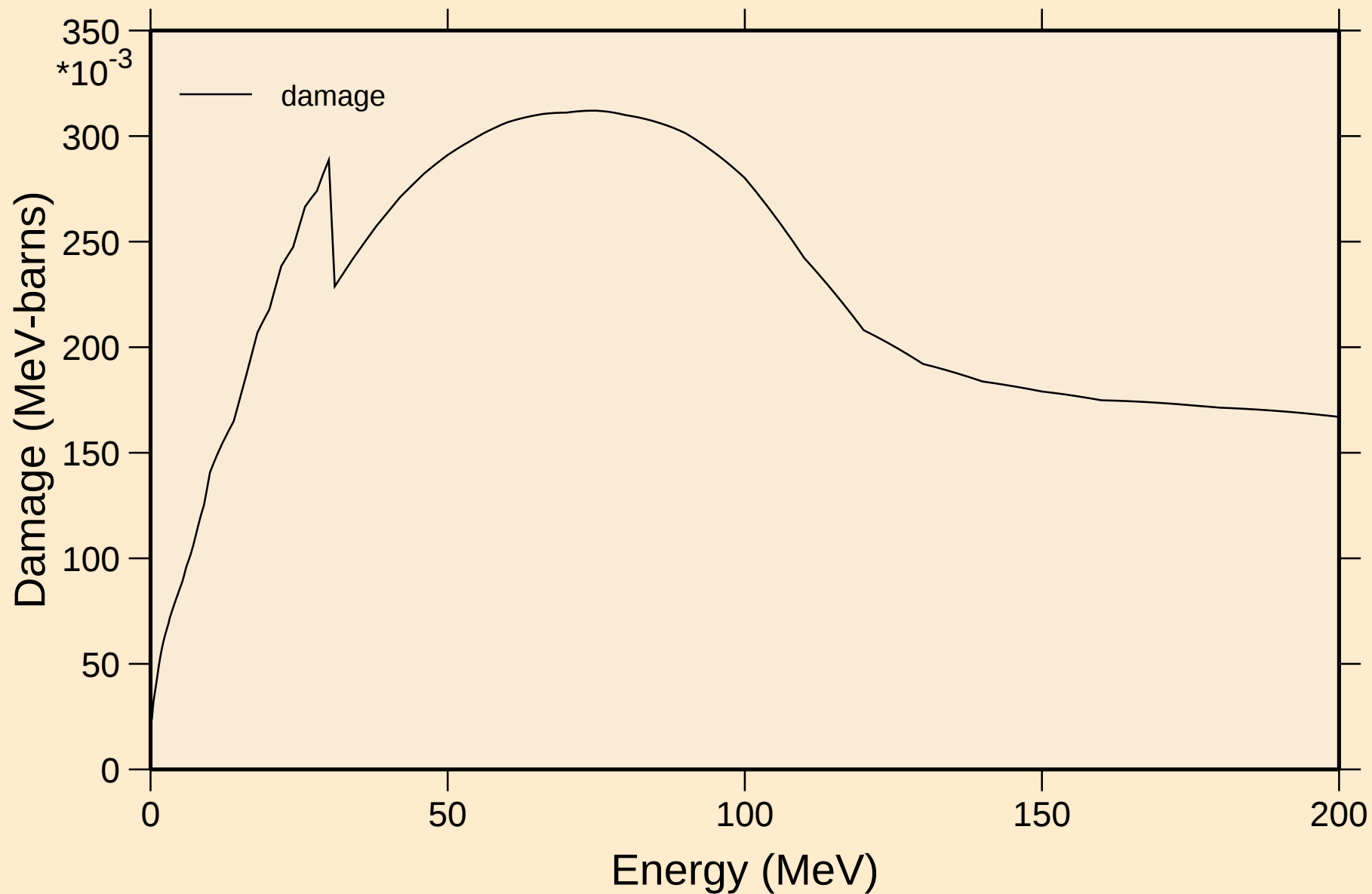
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

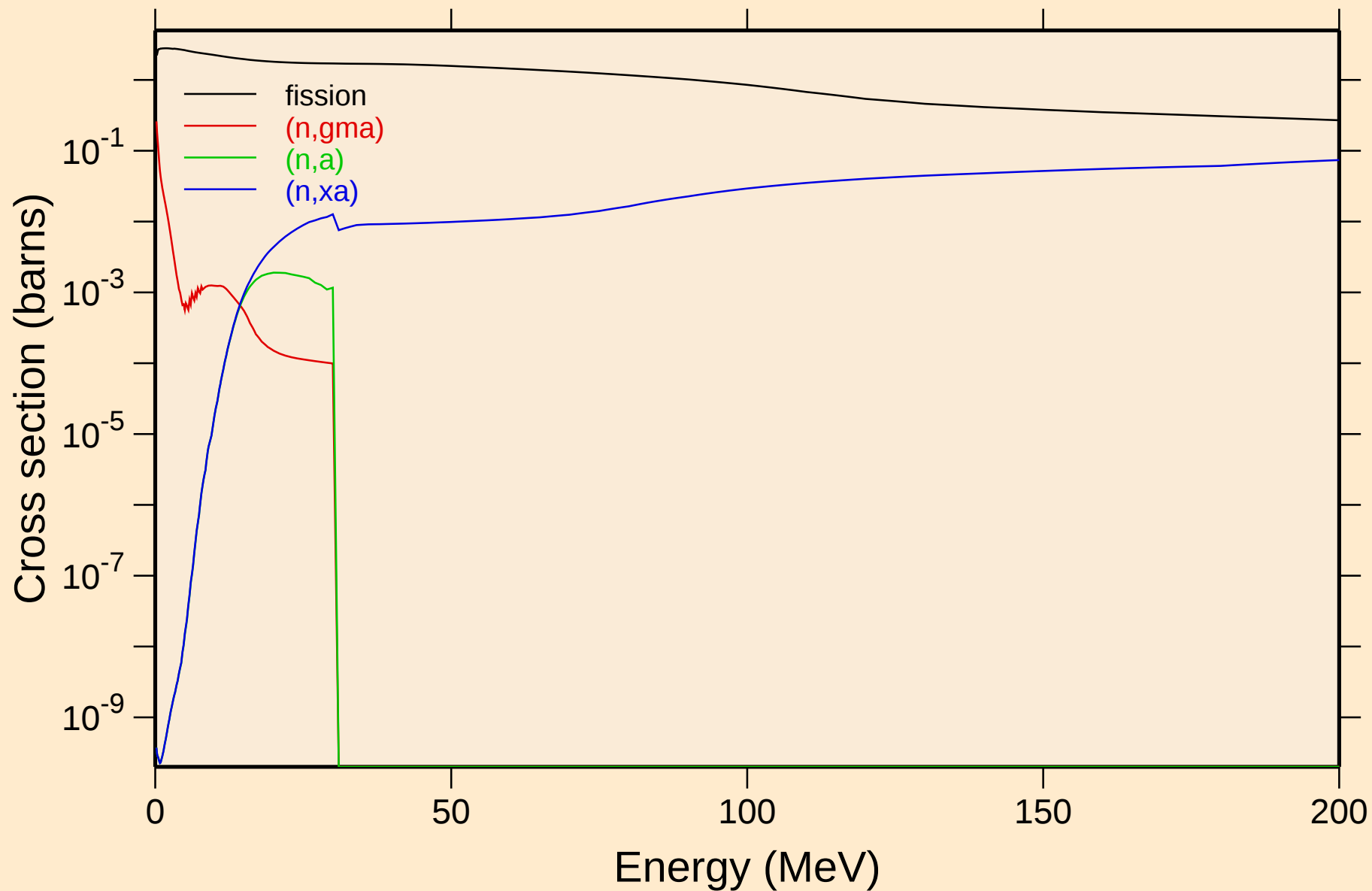


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

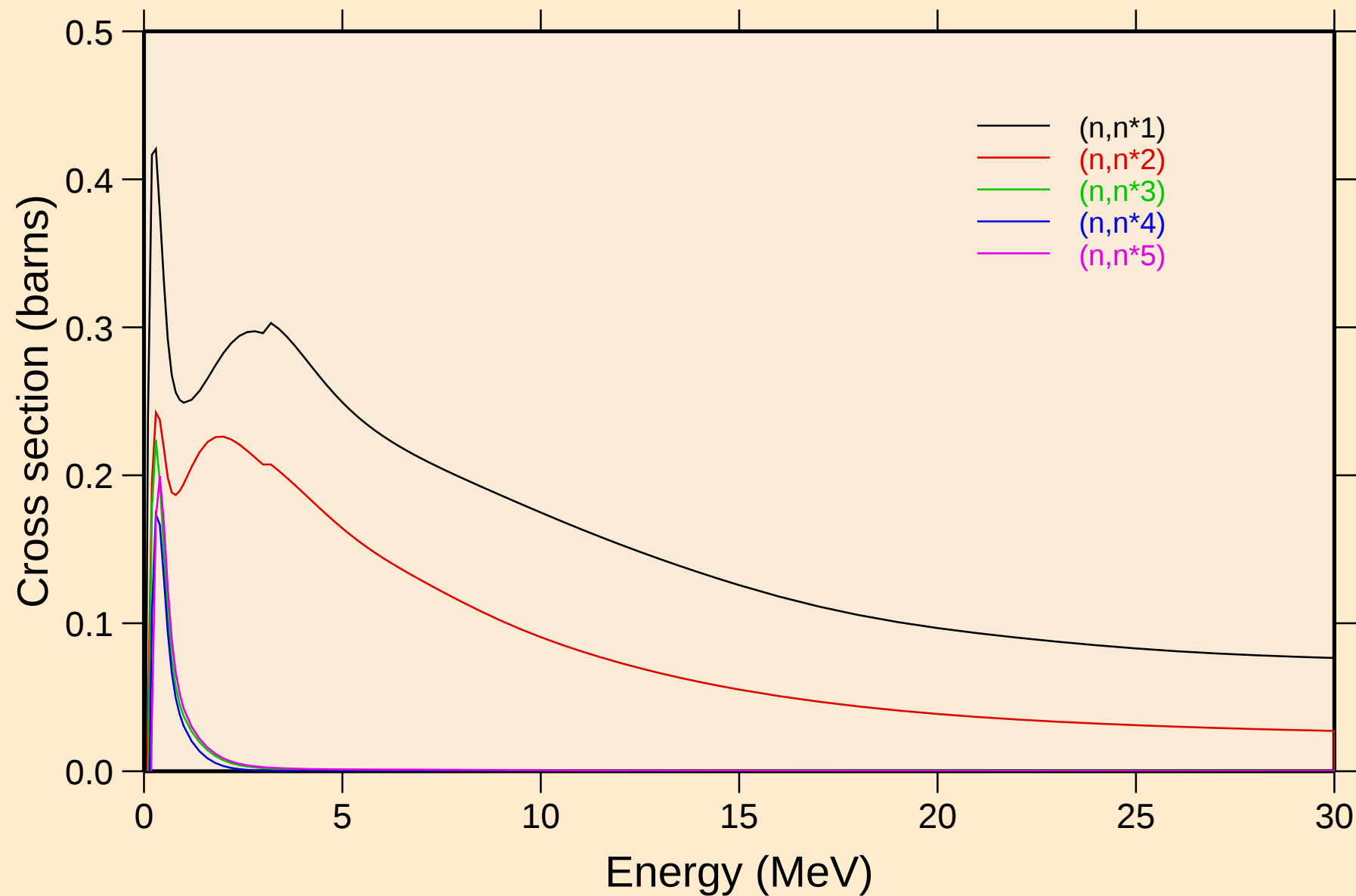
Damage



ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

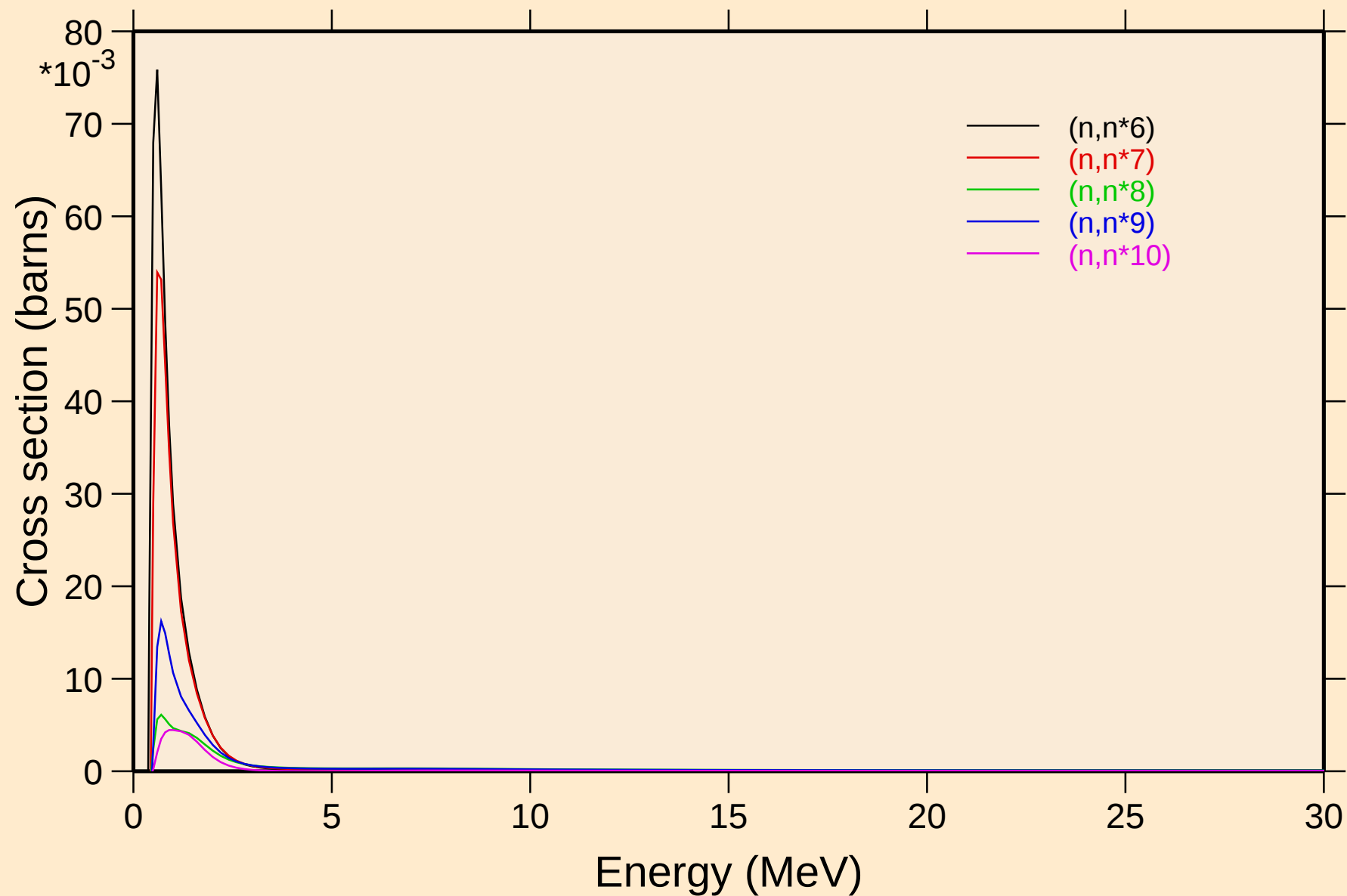


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



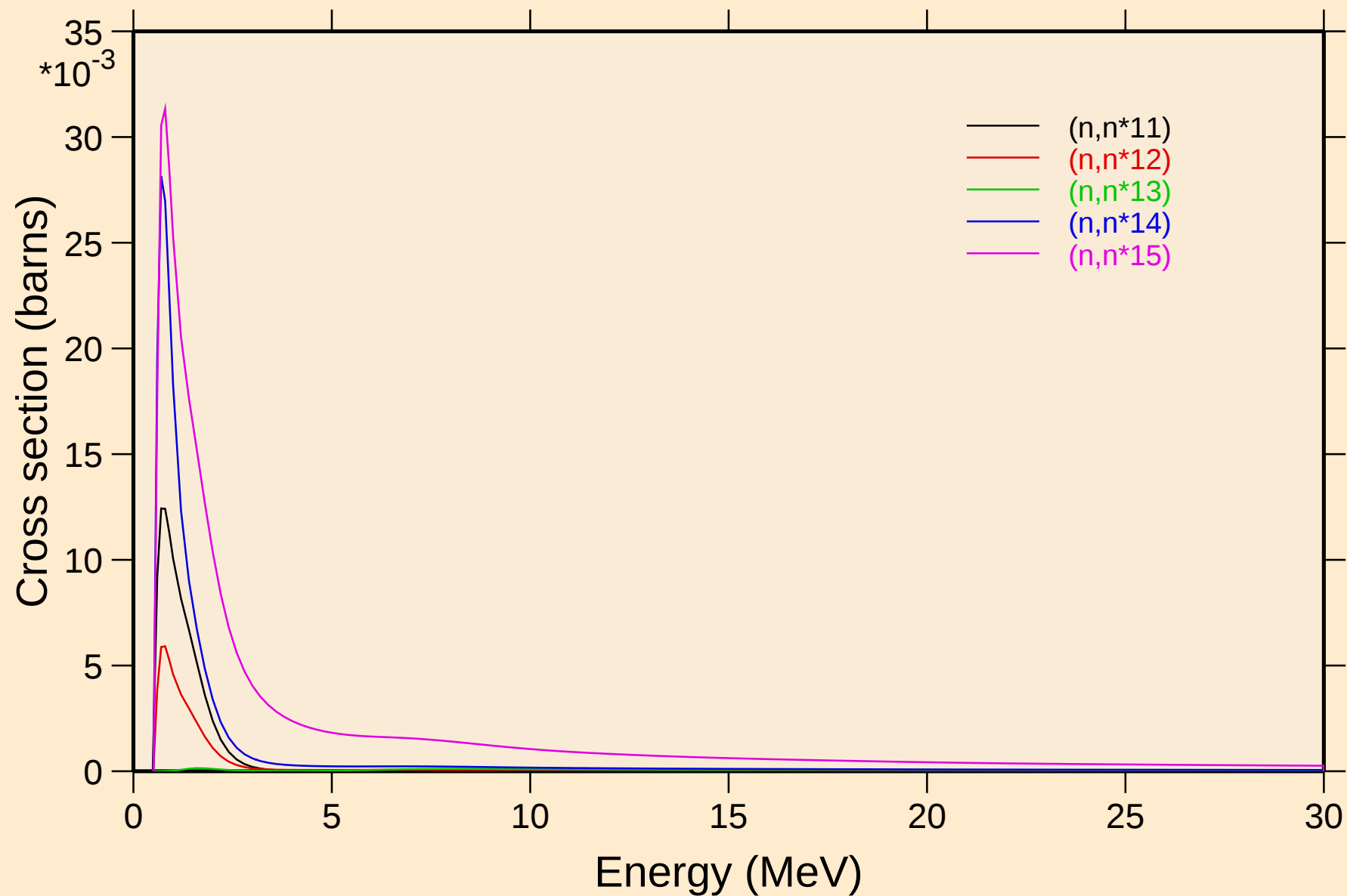
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



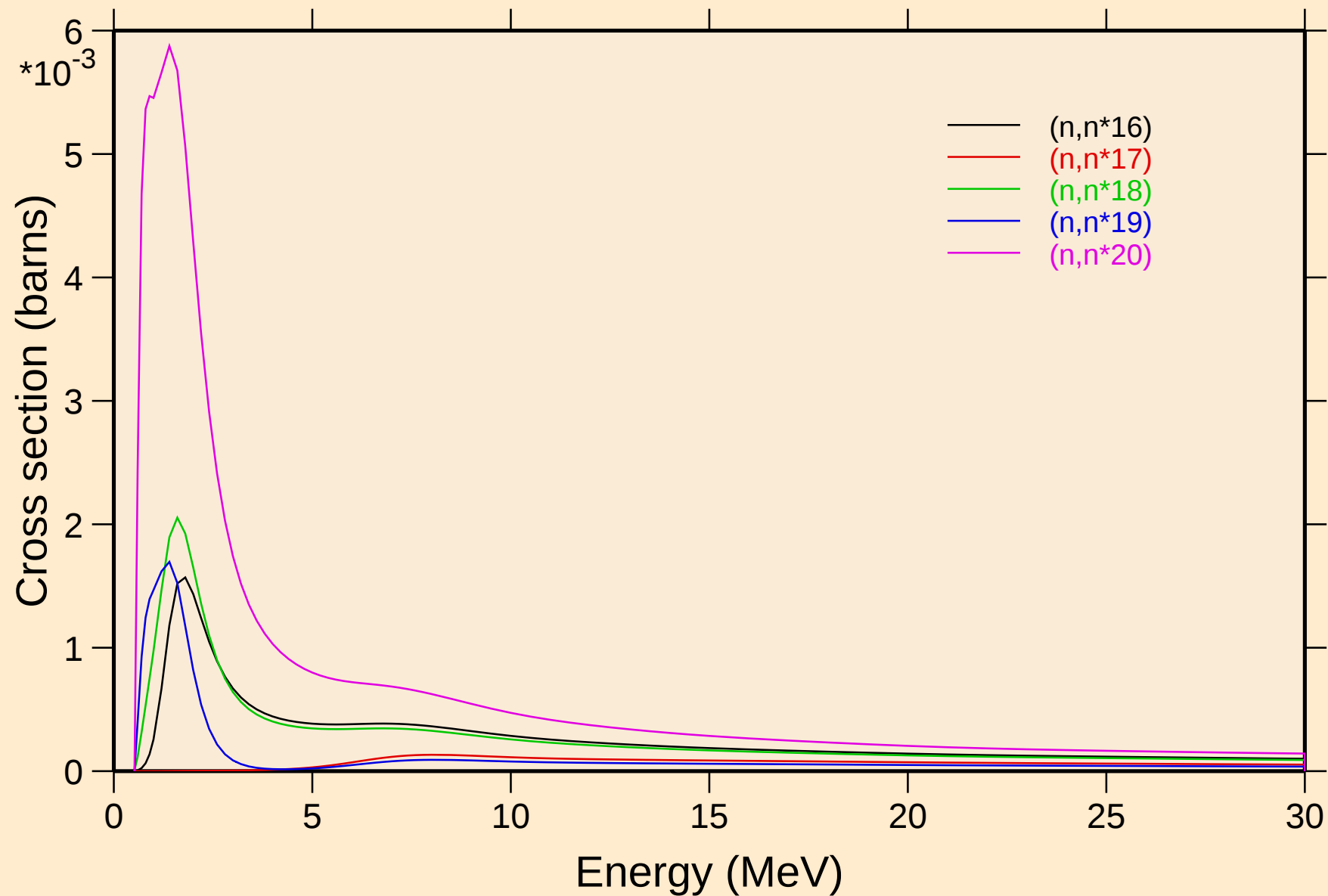
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



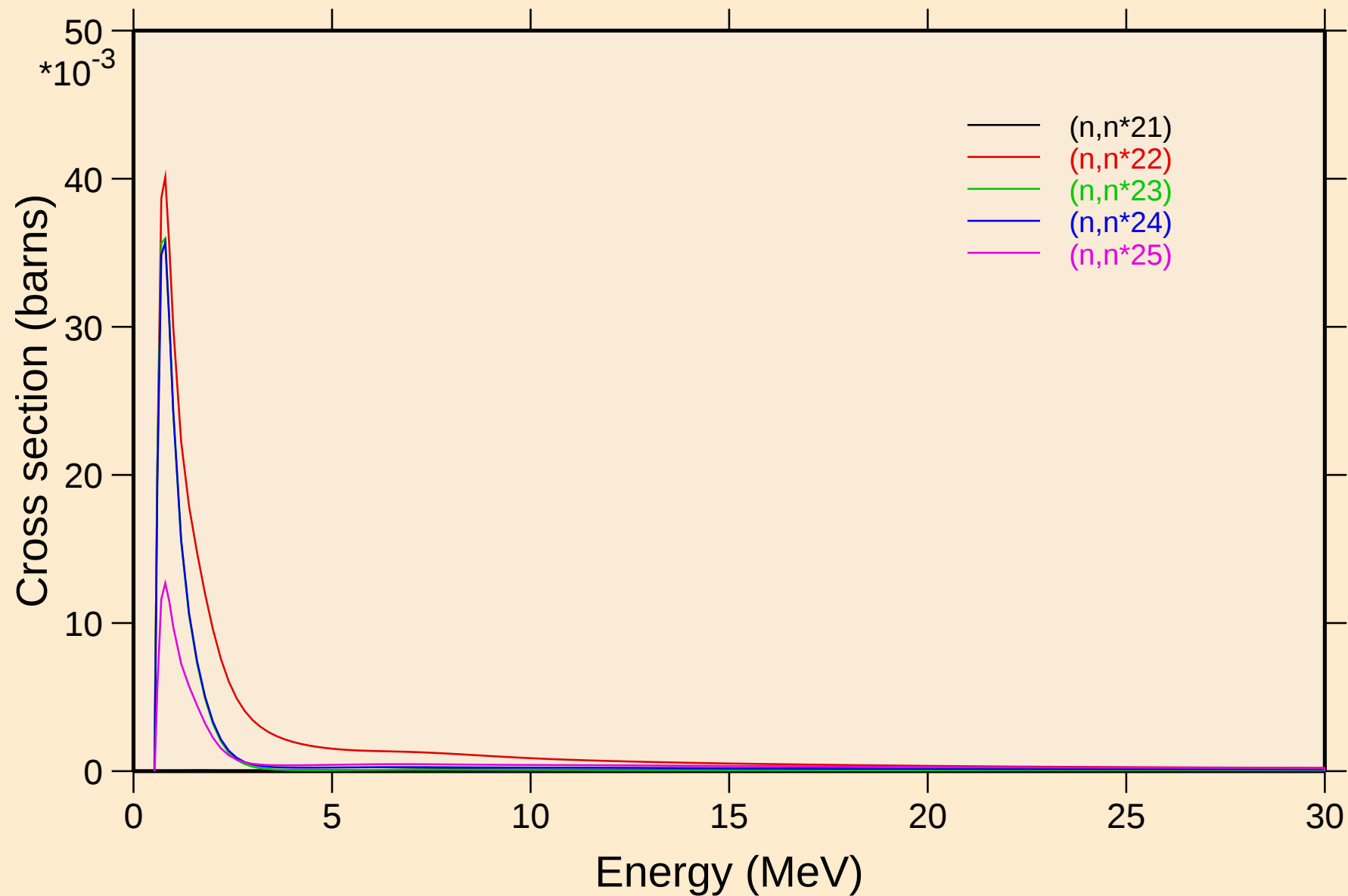
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels



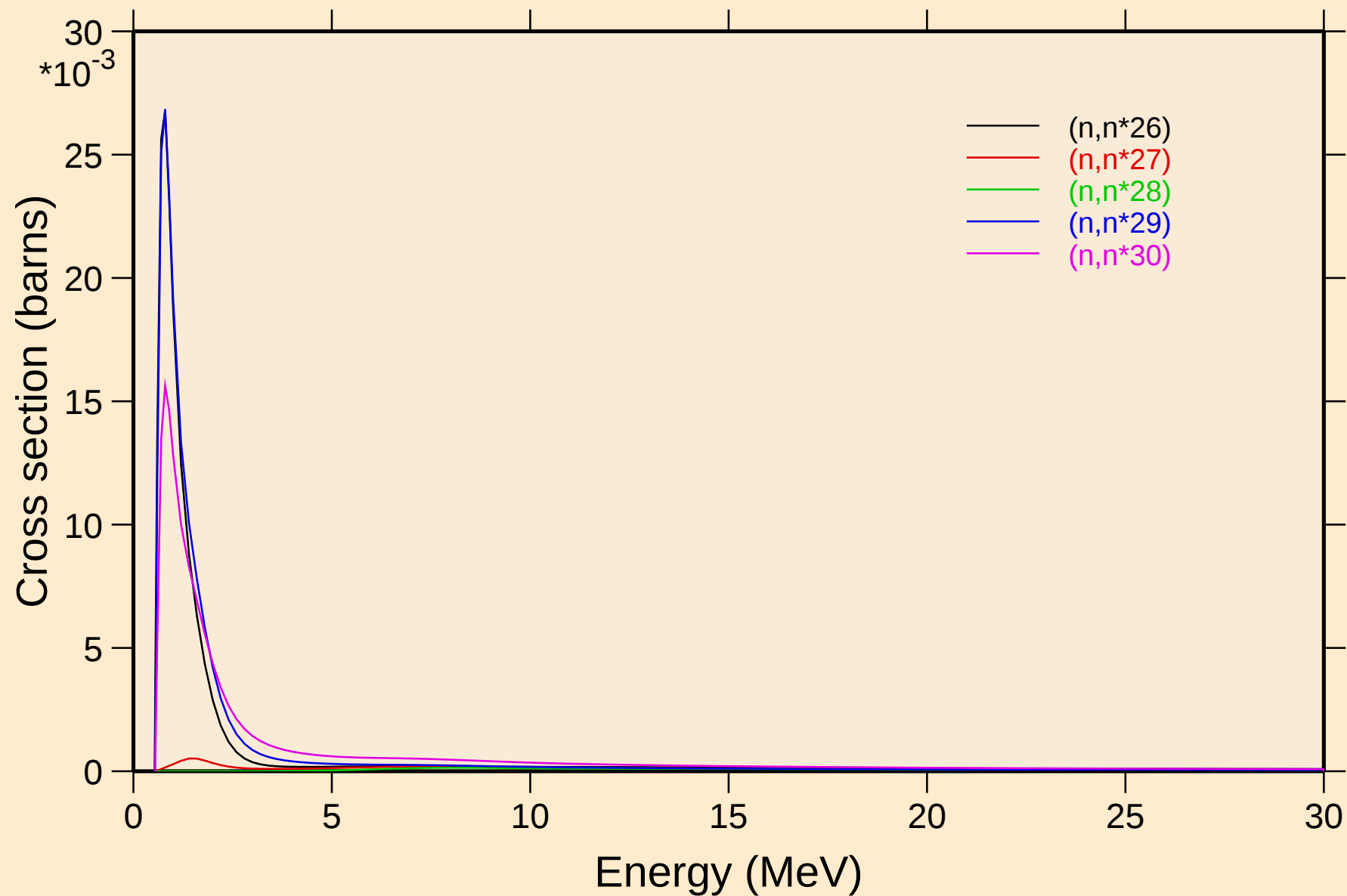
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

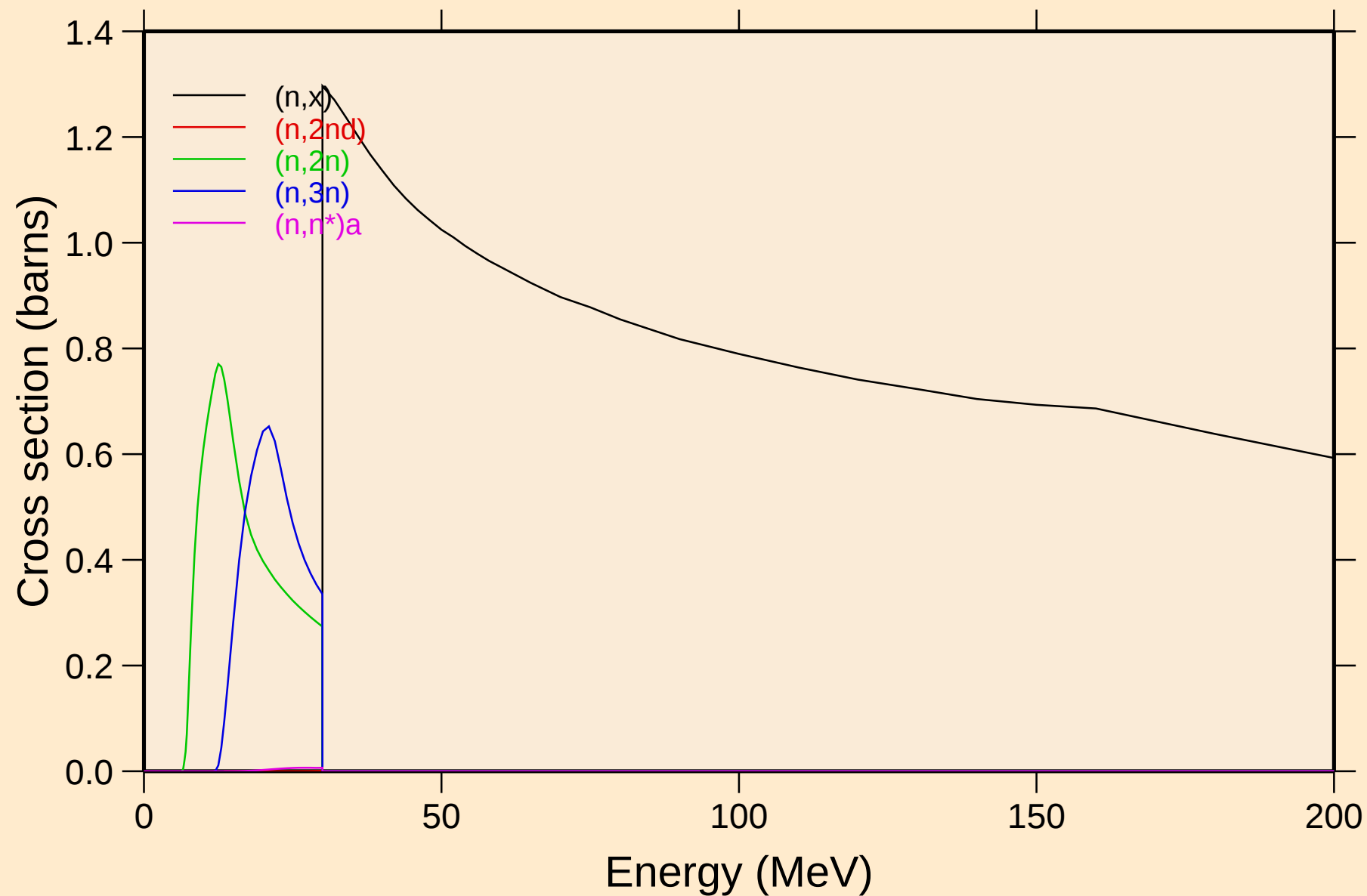


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

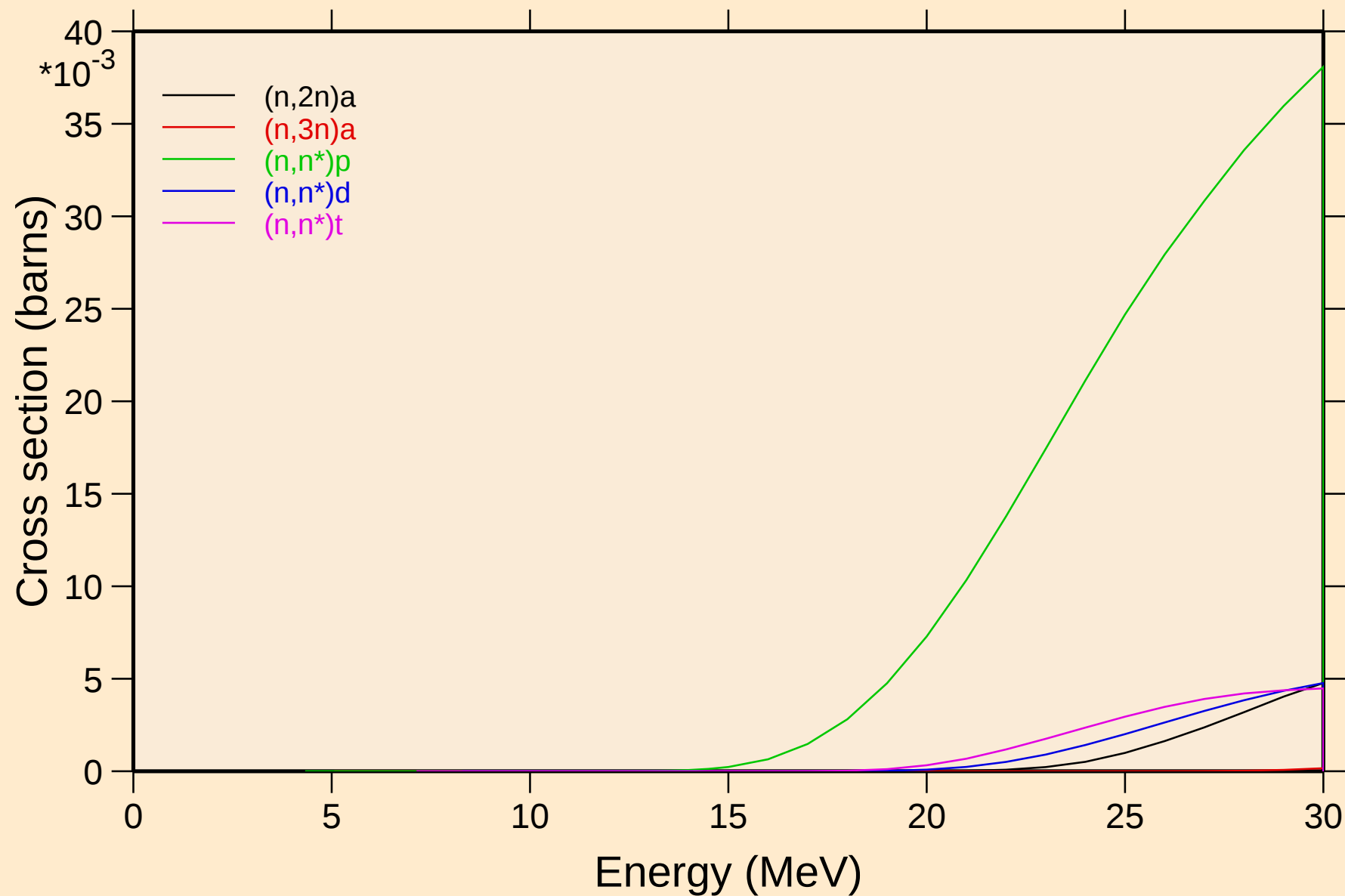


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

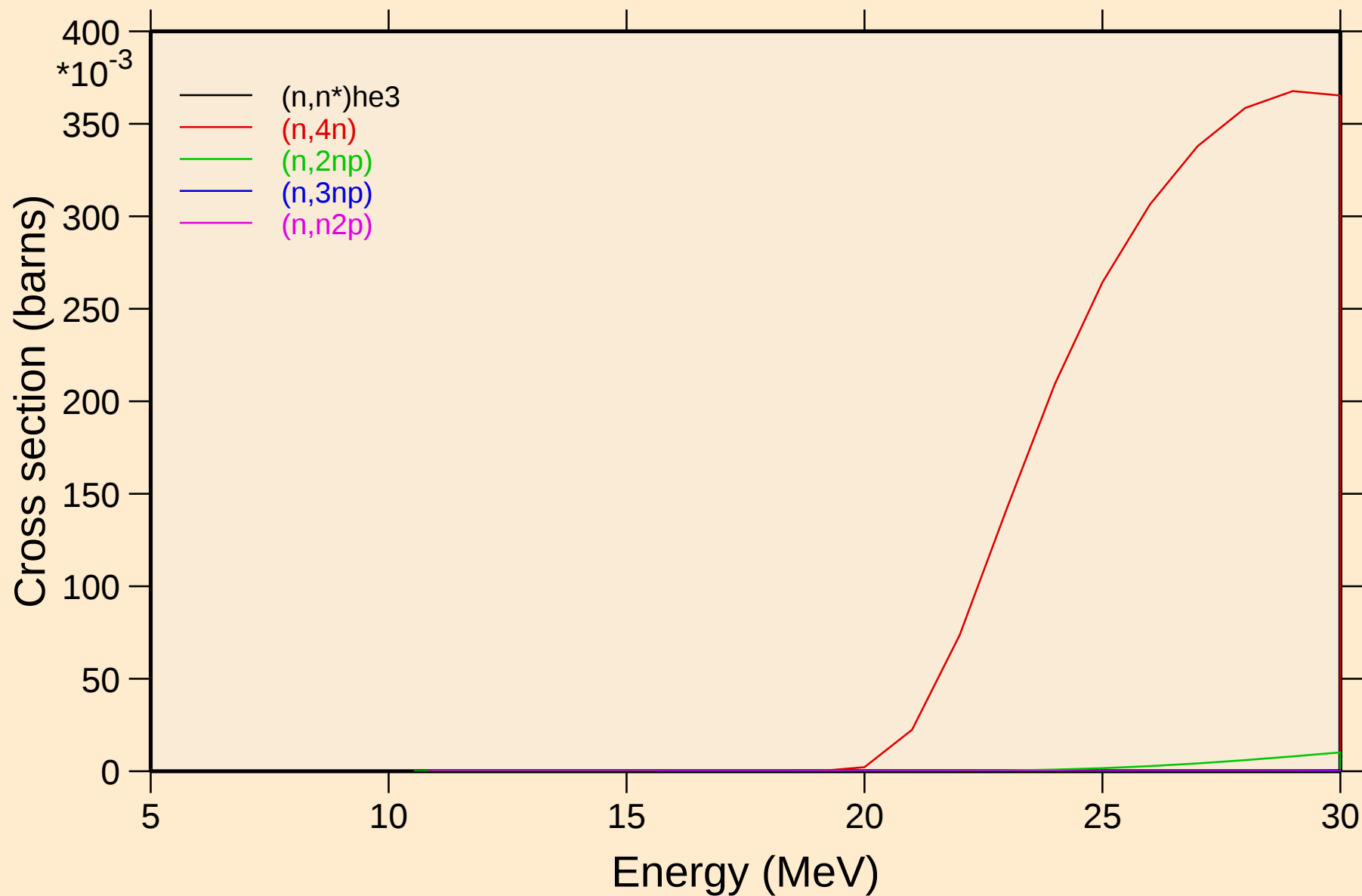


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

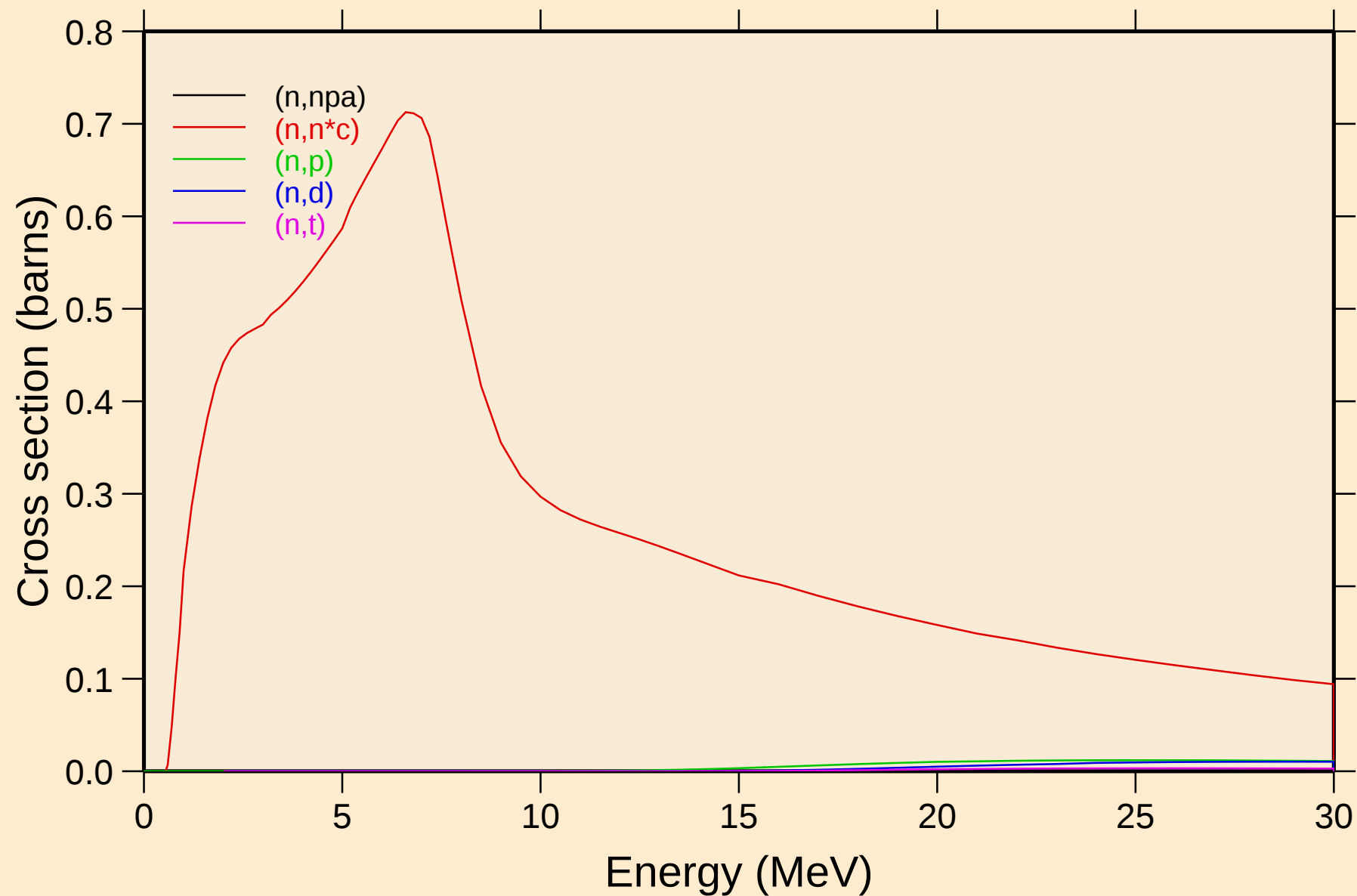


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



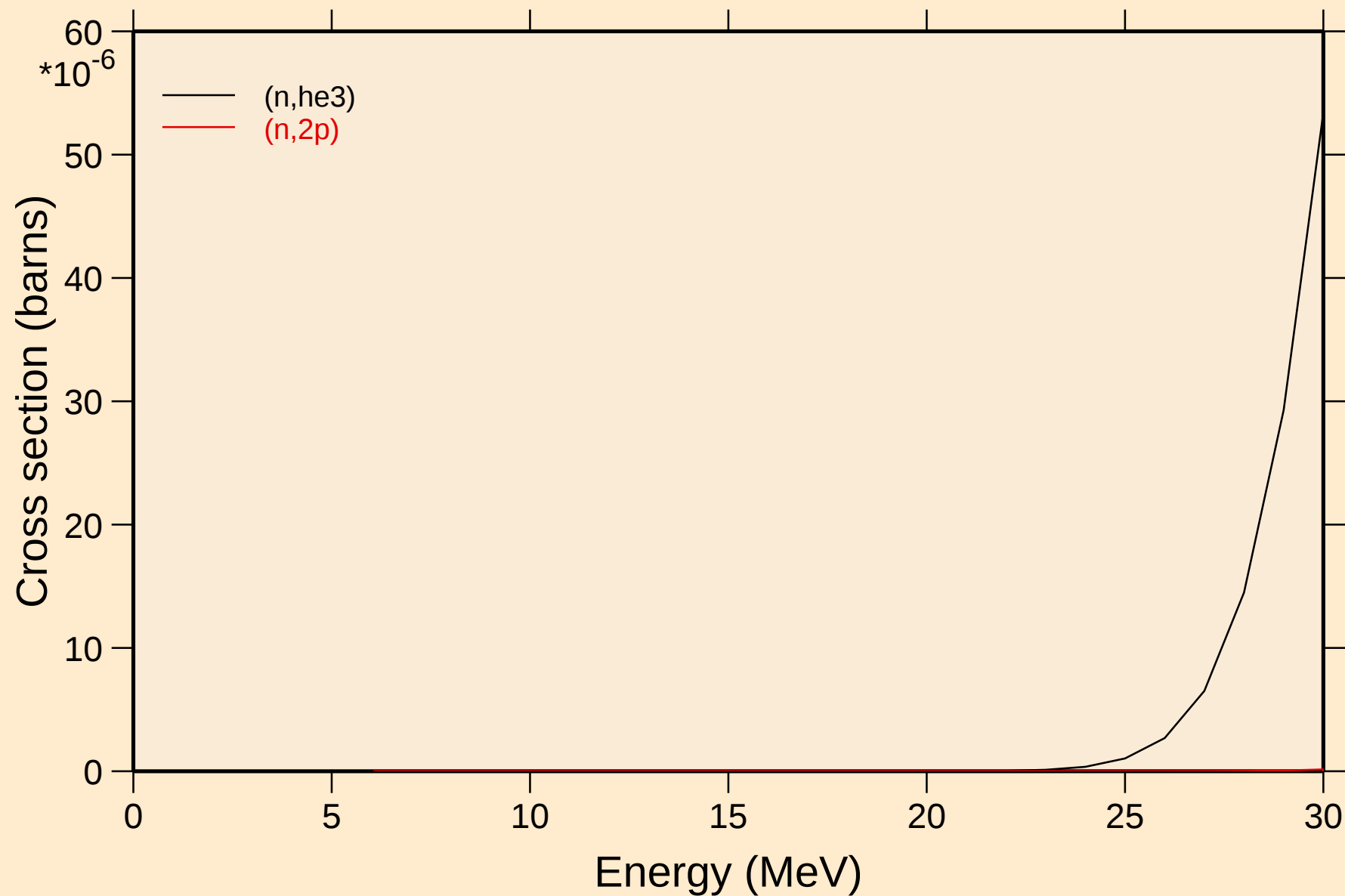
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions



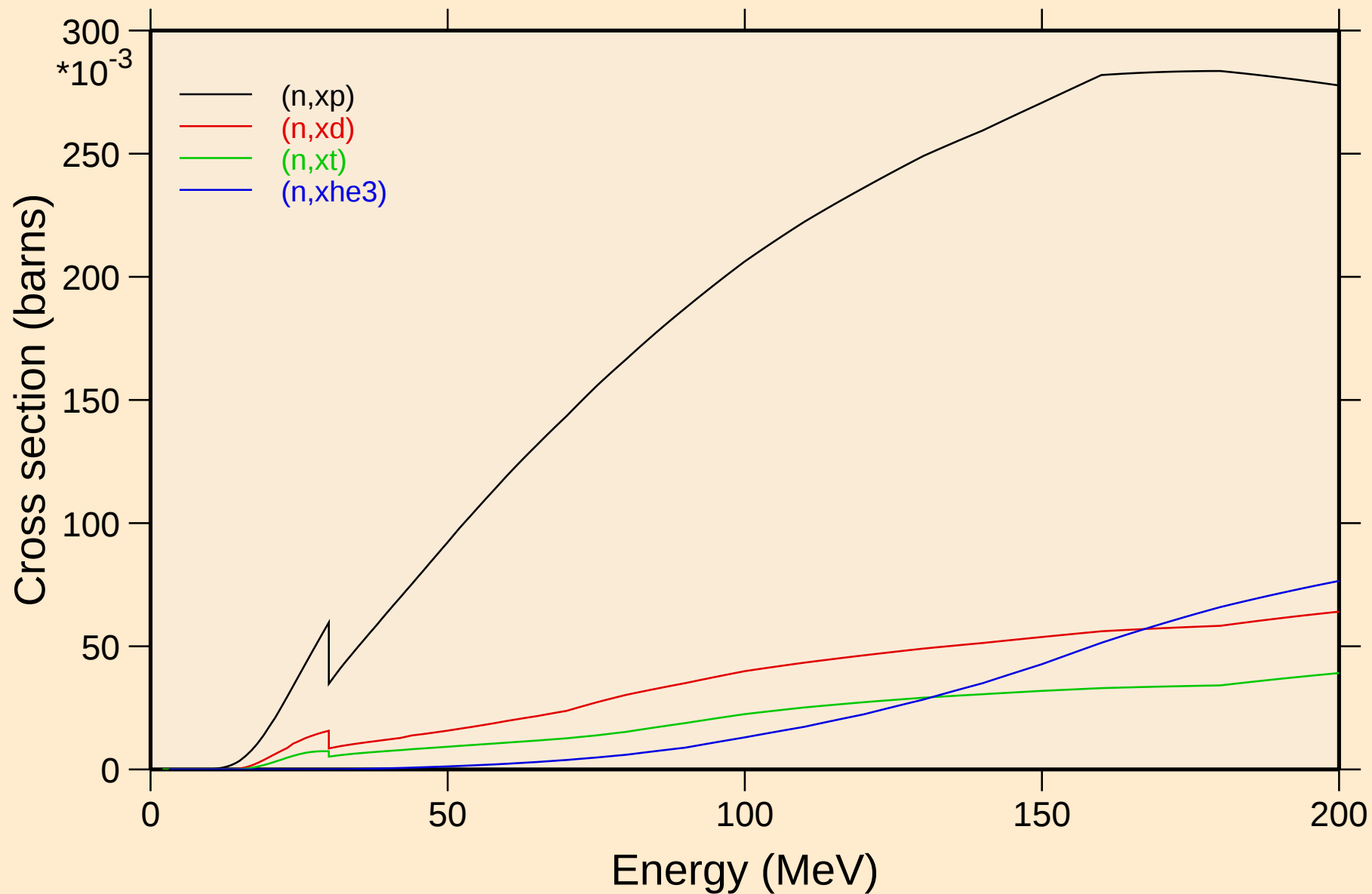
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

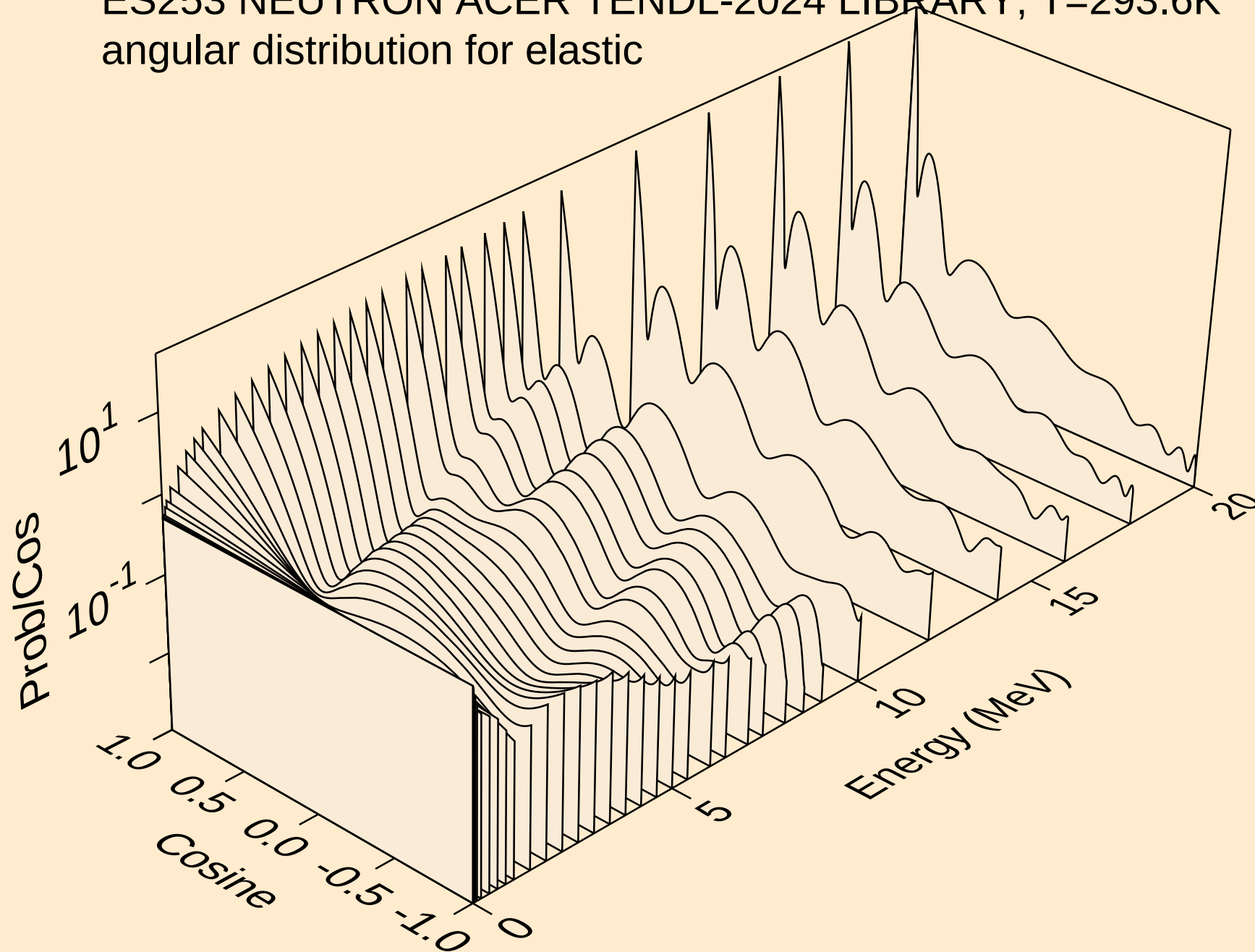


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

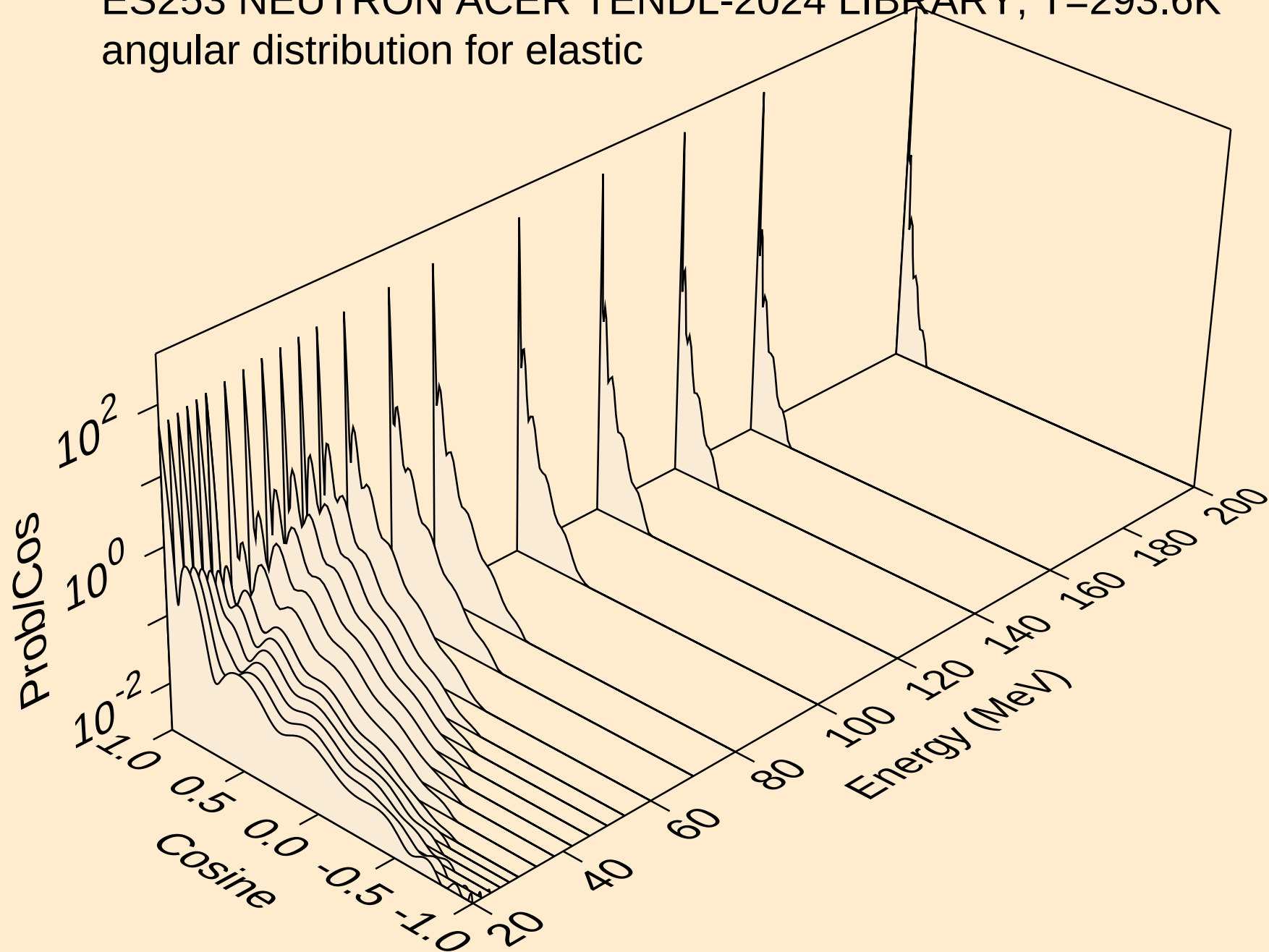
Threshold reactions



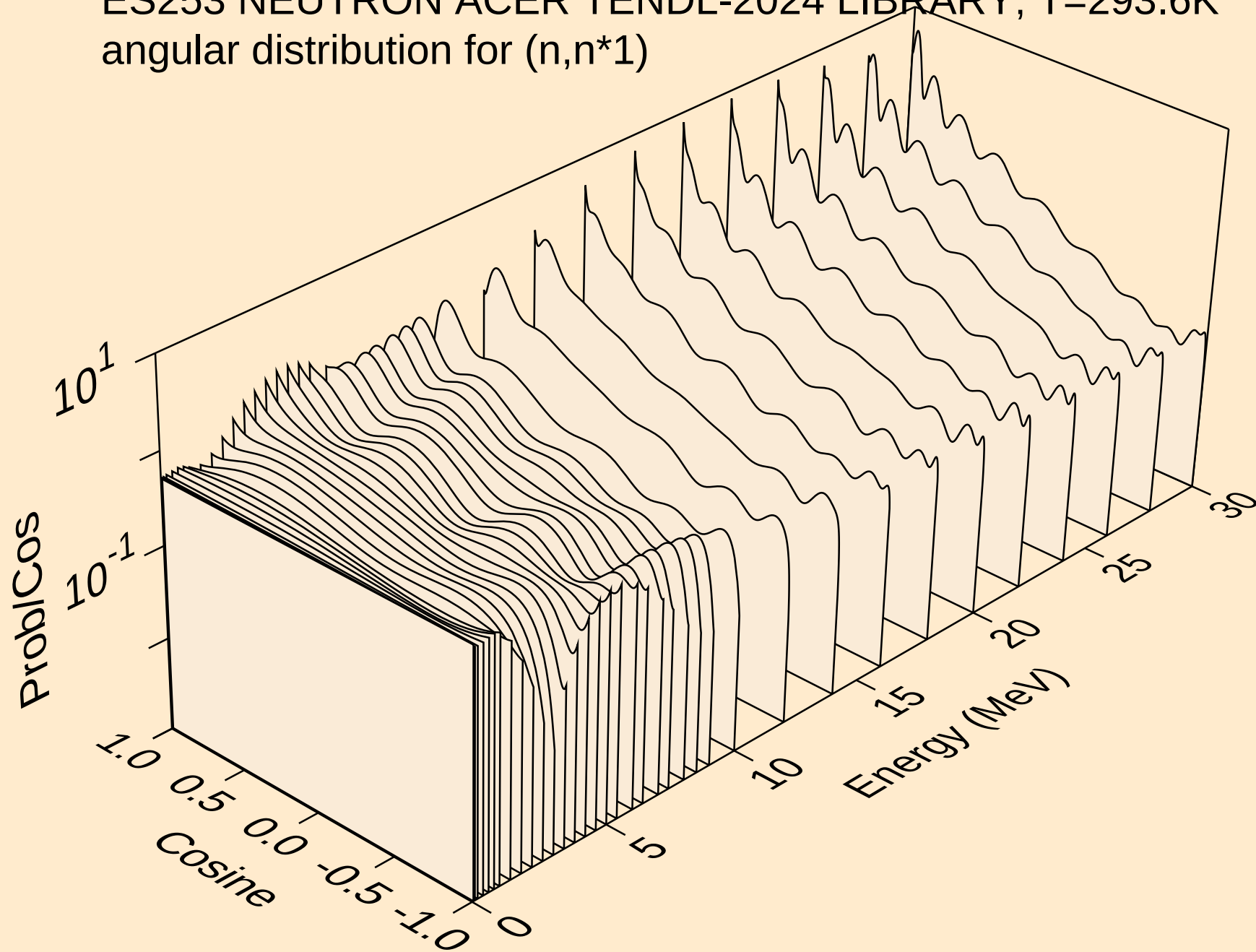
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



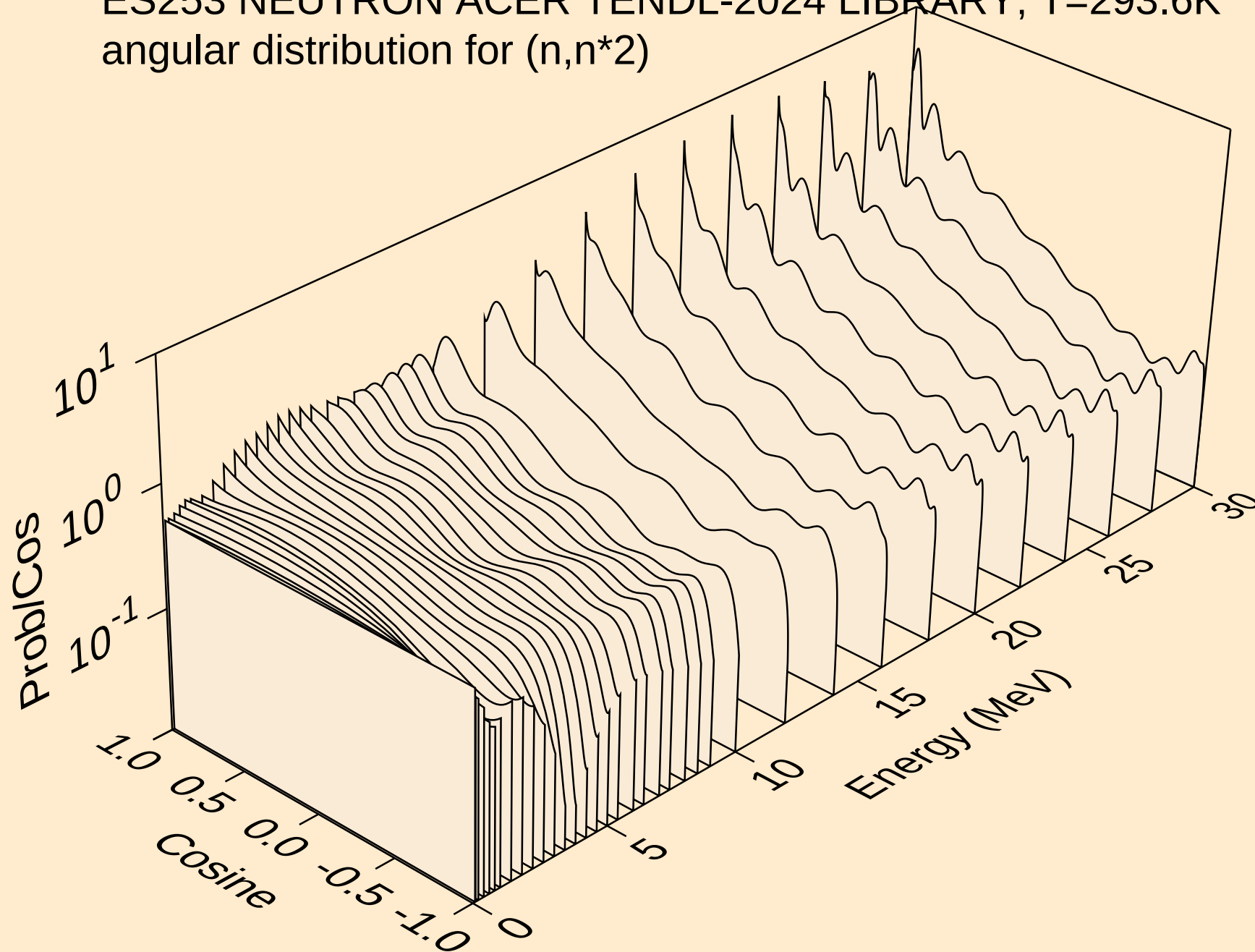
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



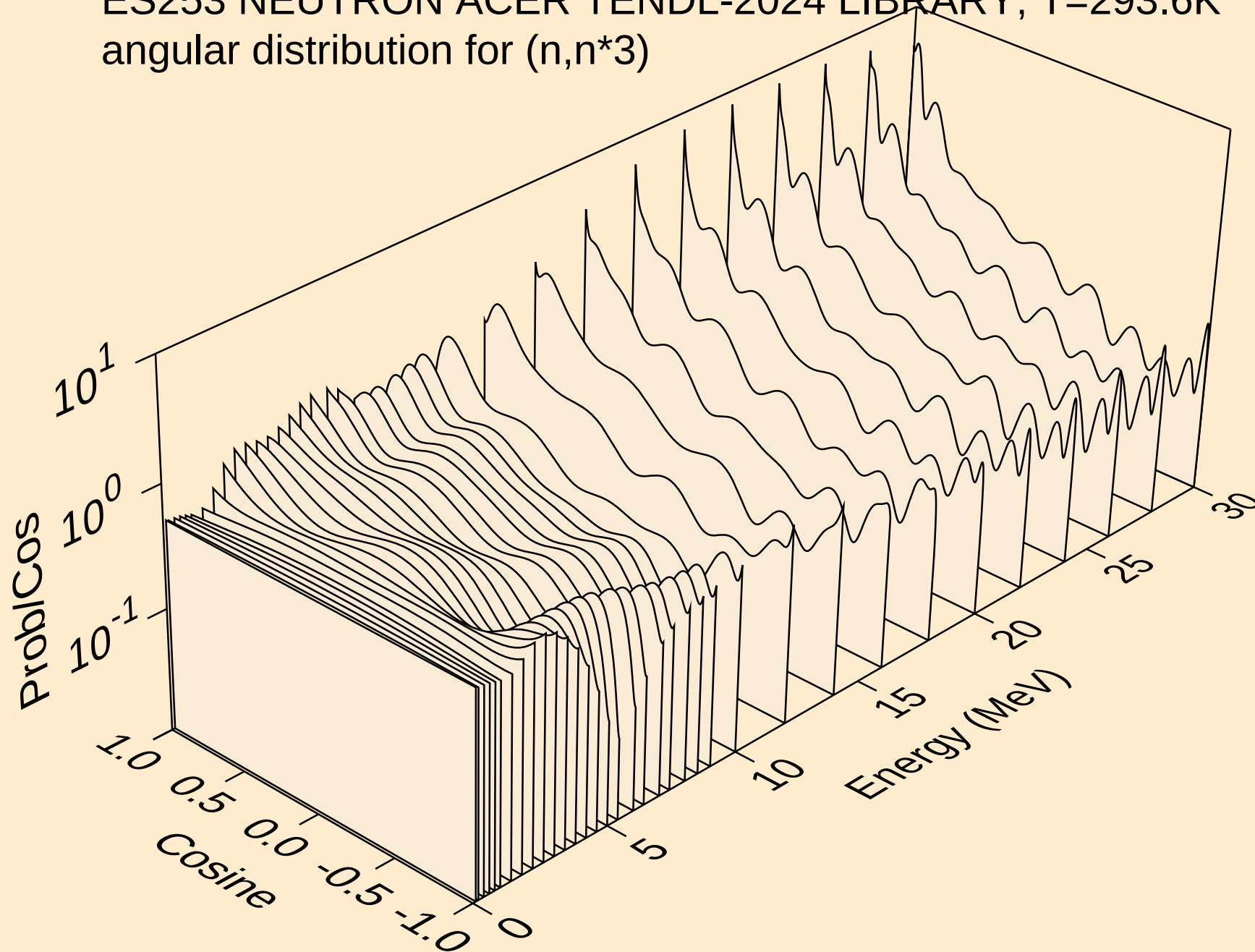
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



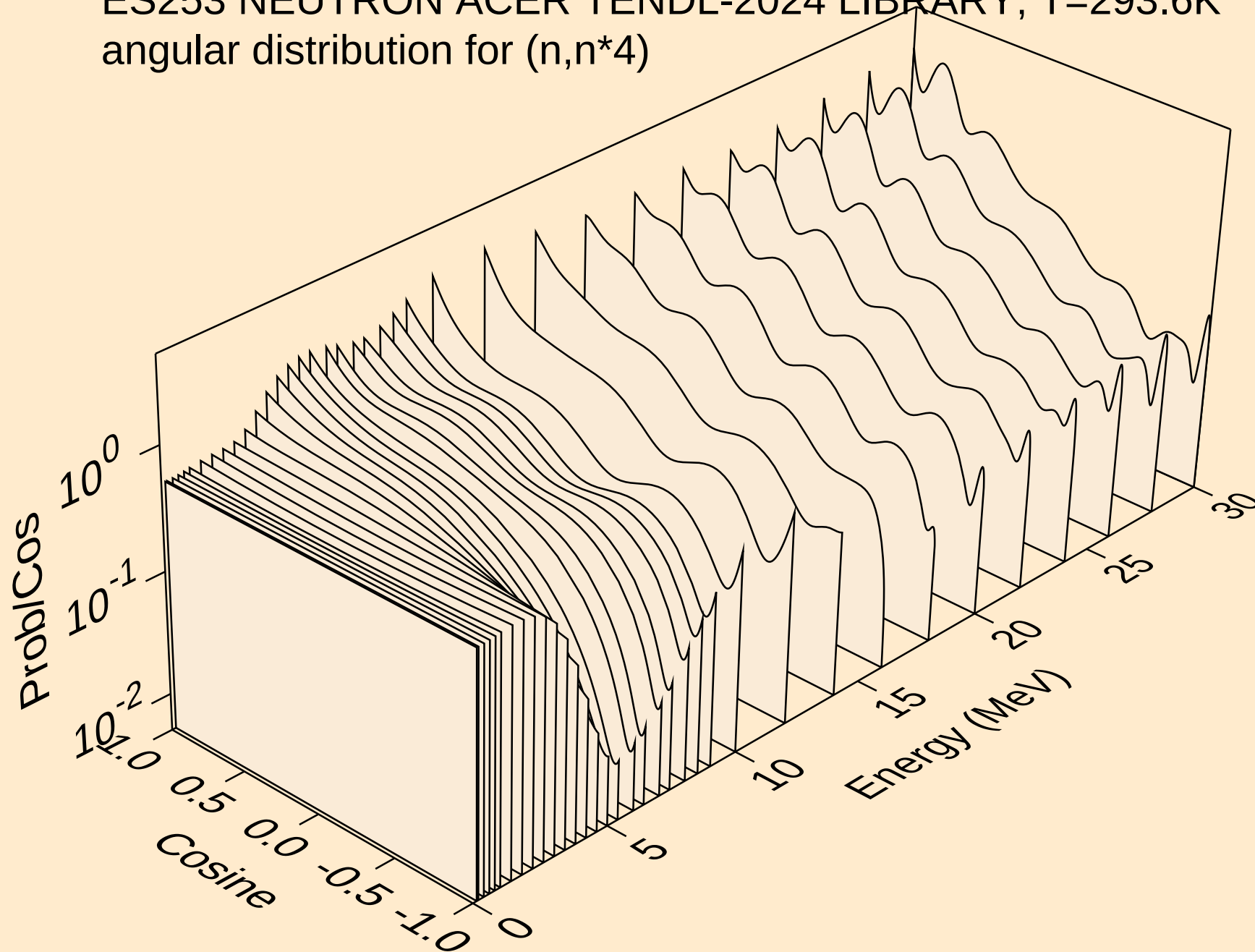
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



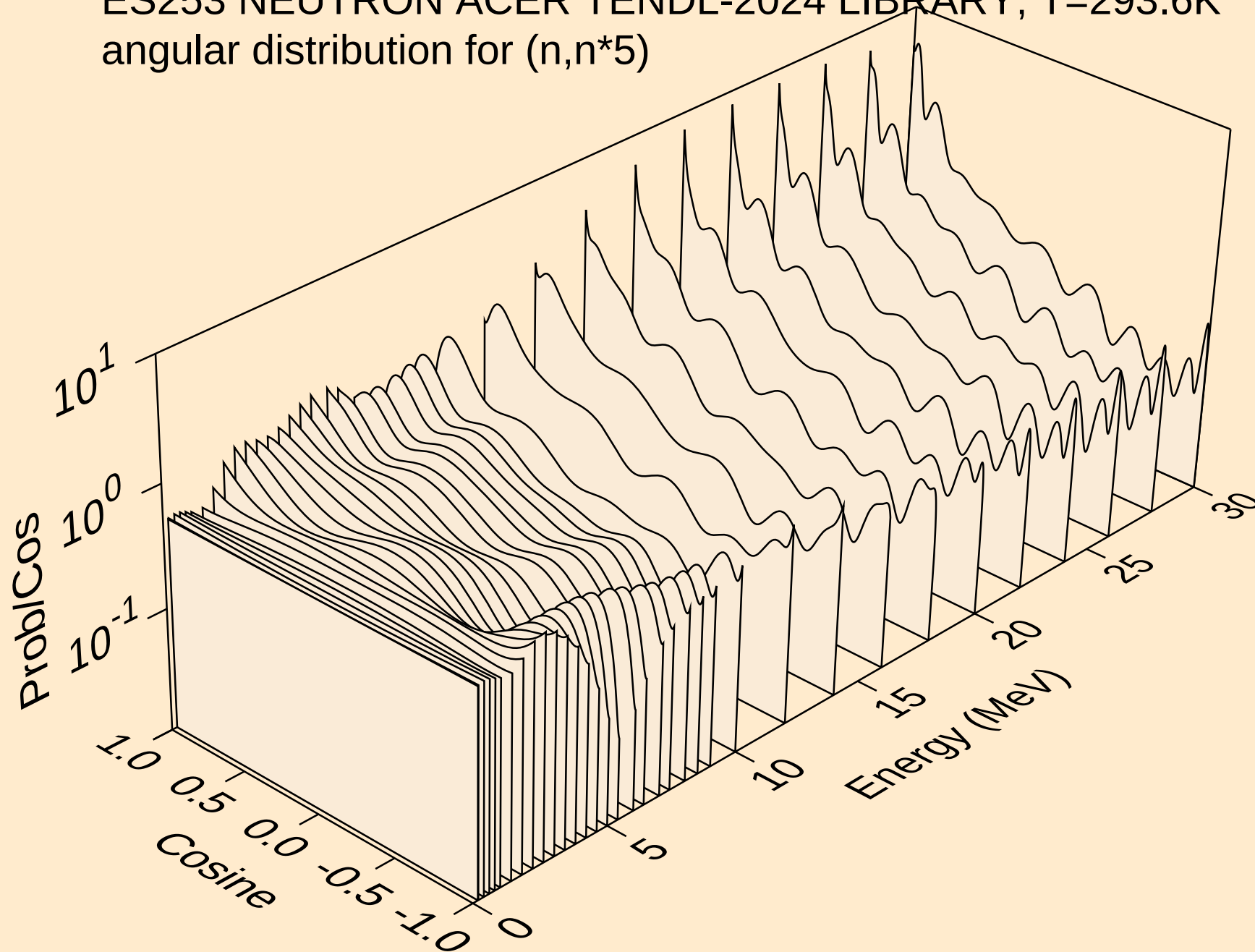
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



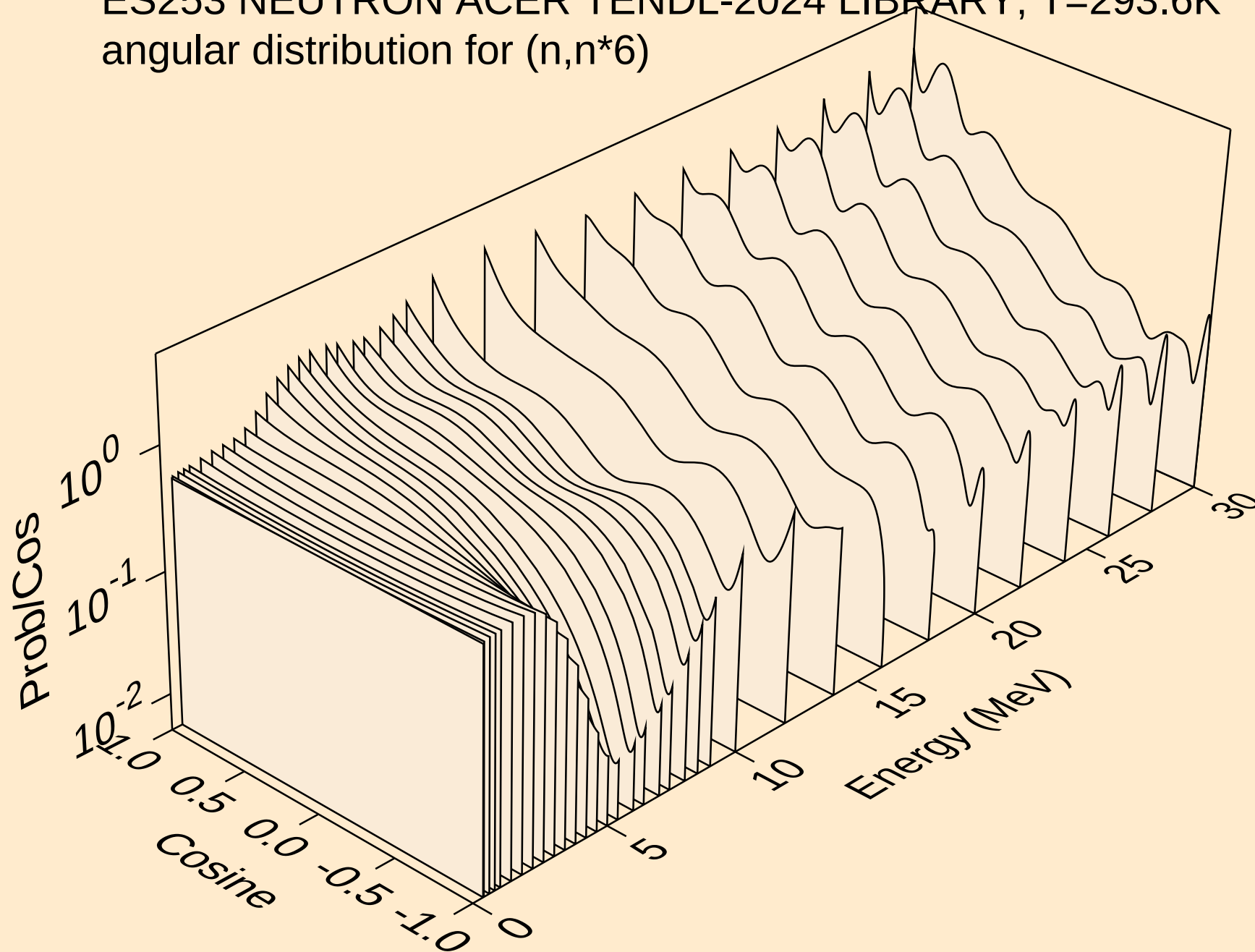
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



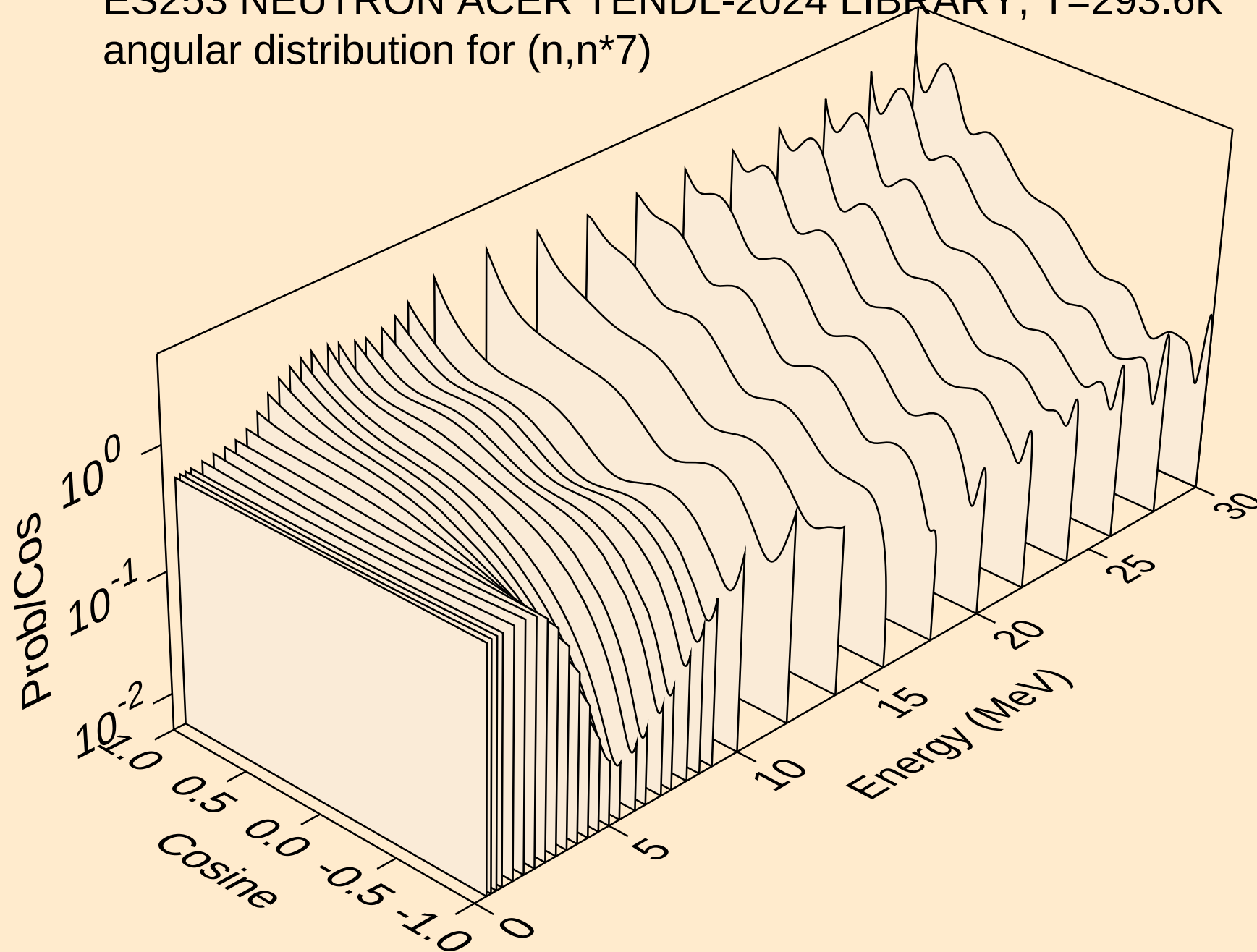
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



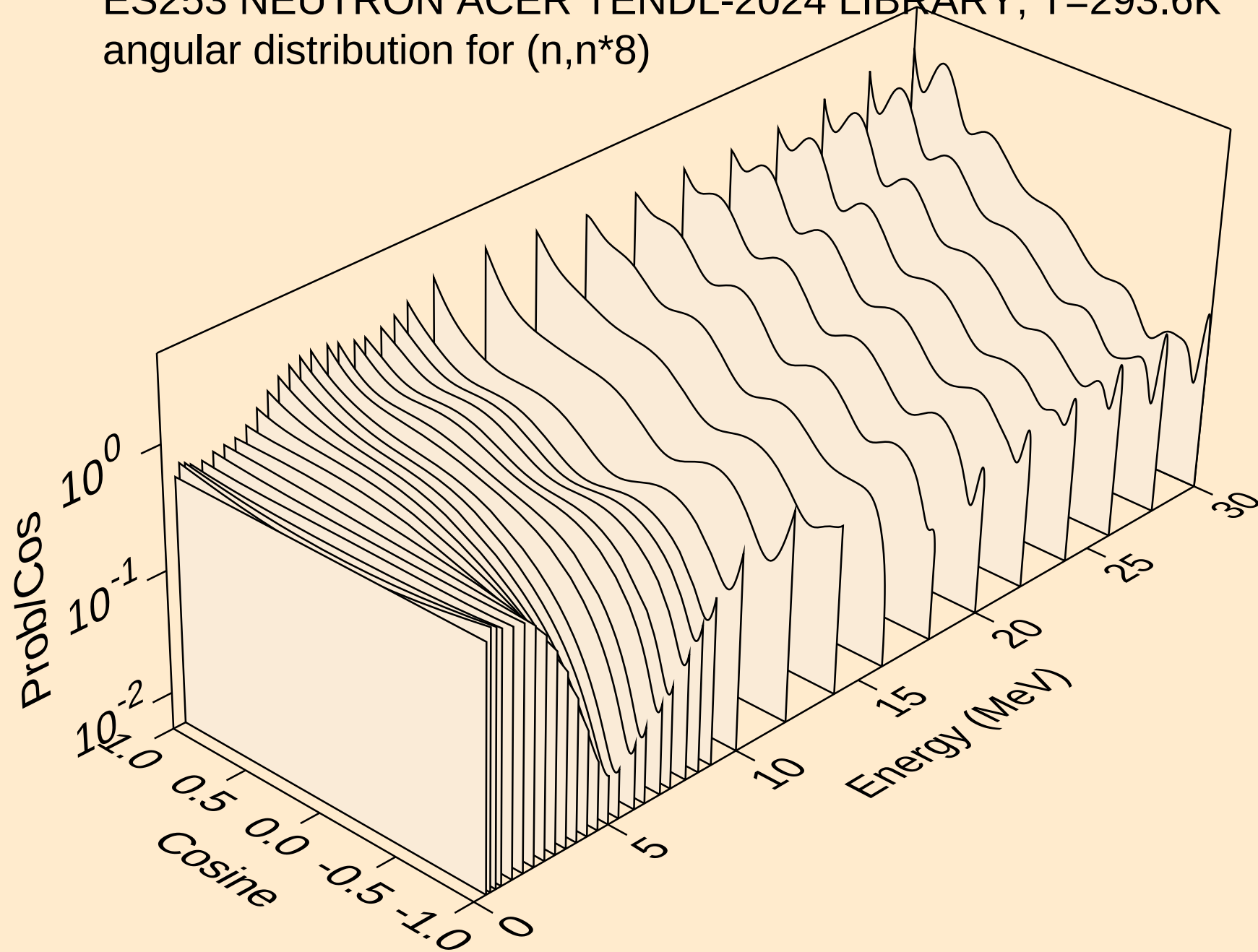
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



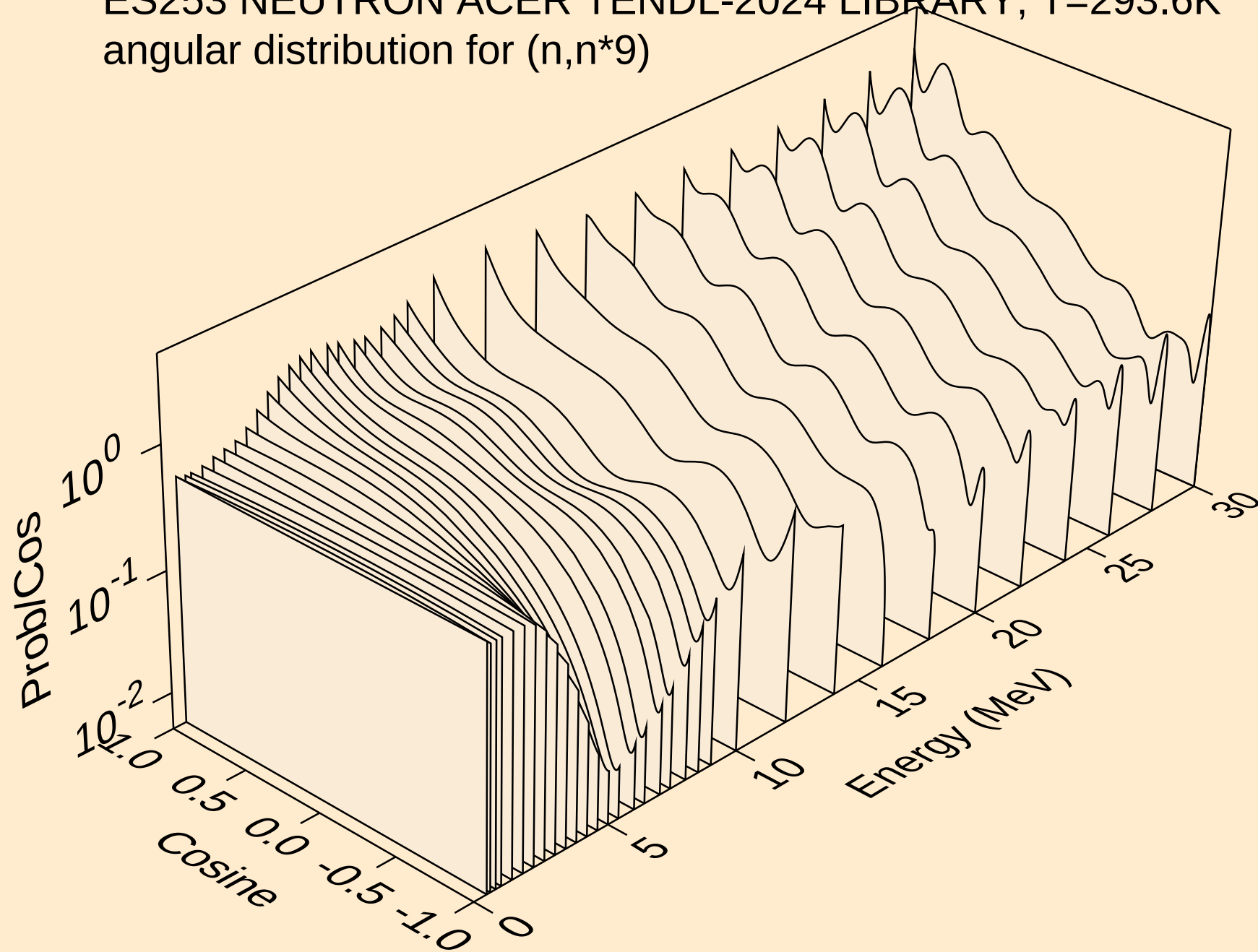
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*7)



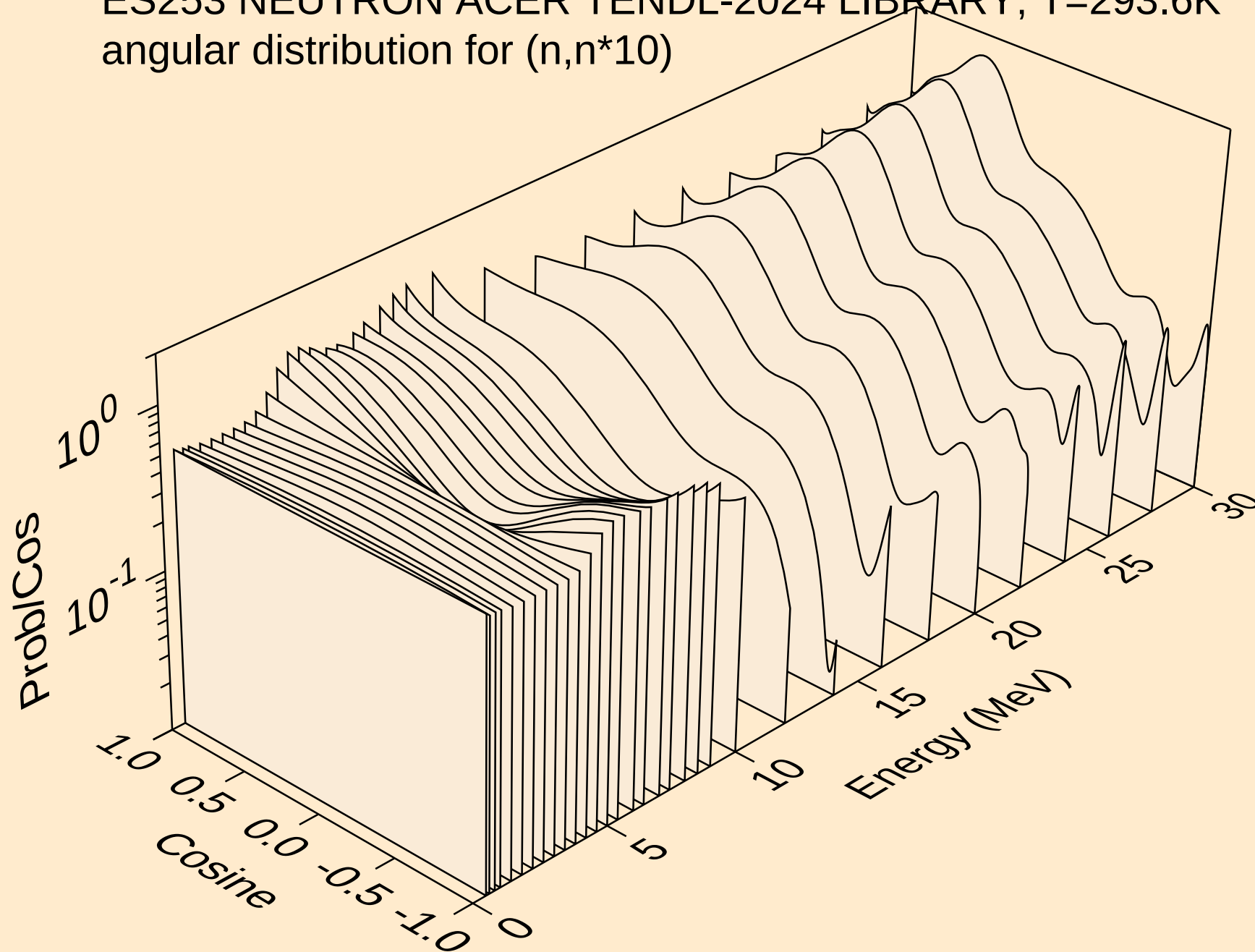
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*8)



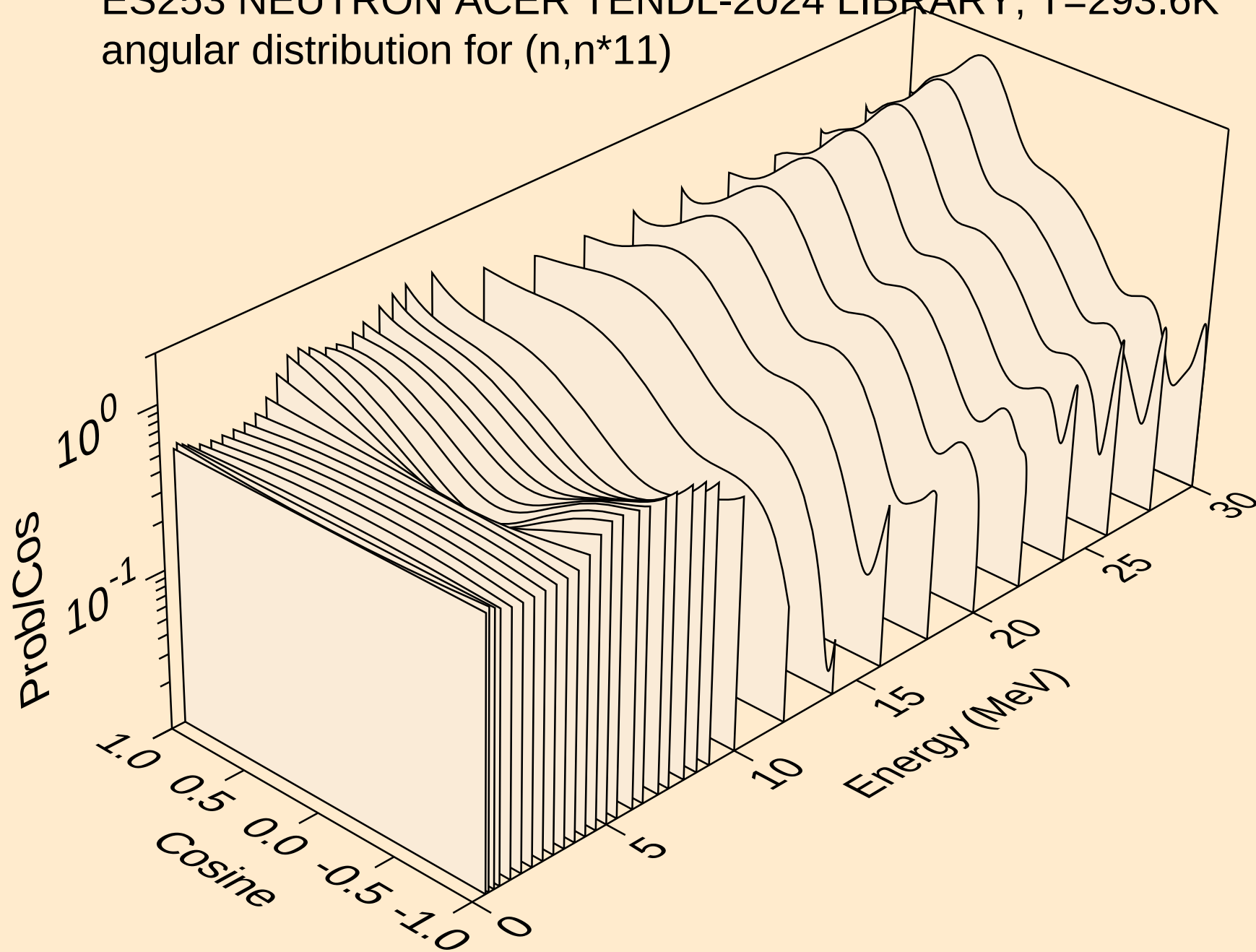
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*9)



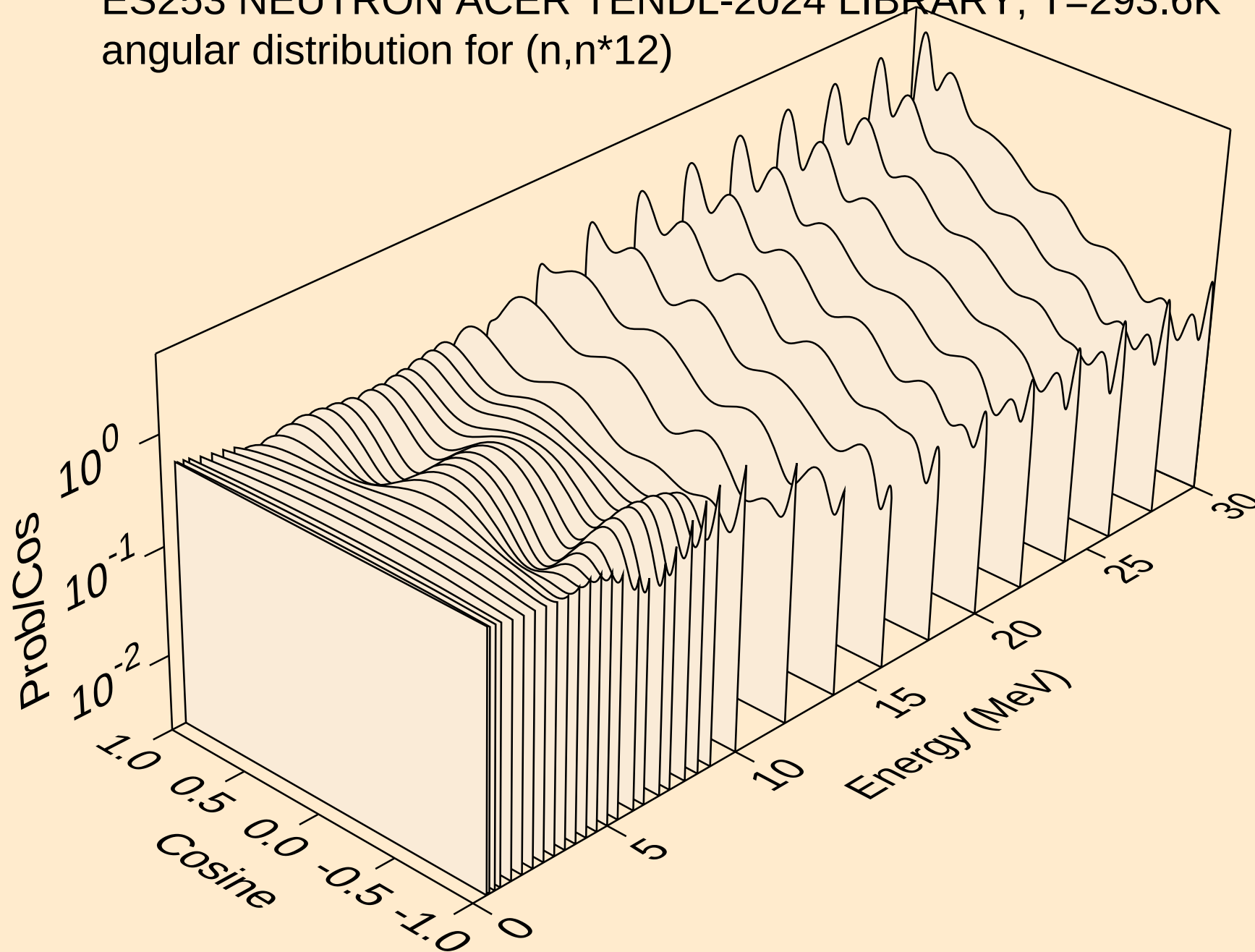
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*10)



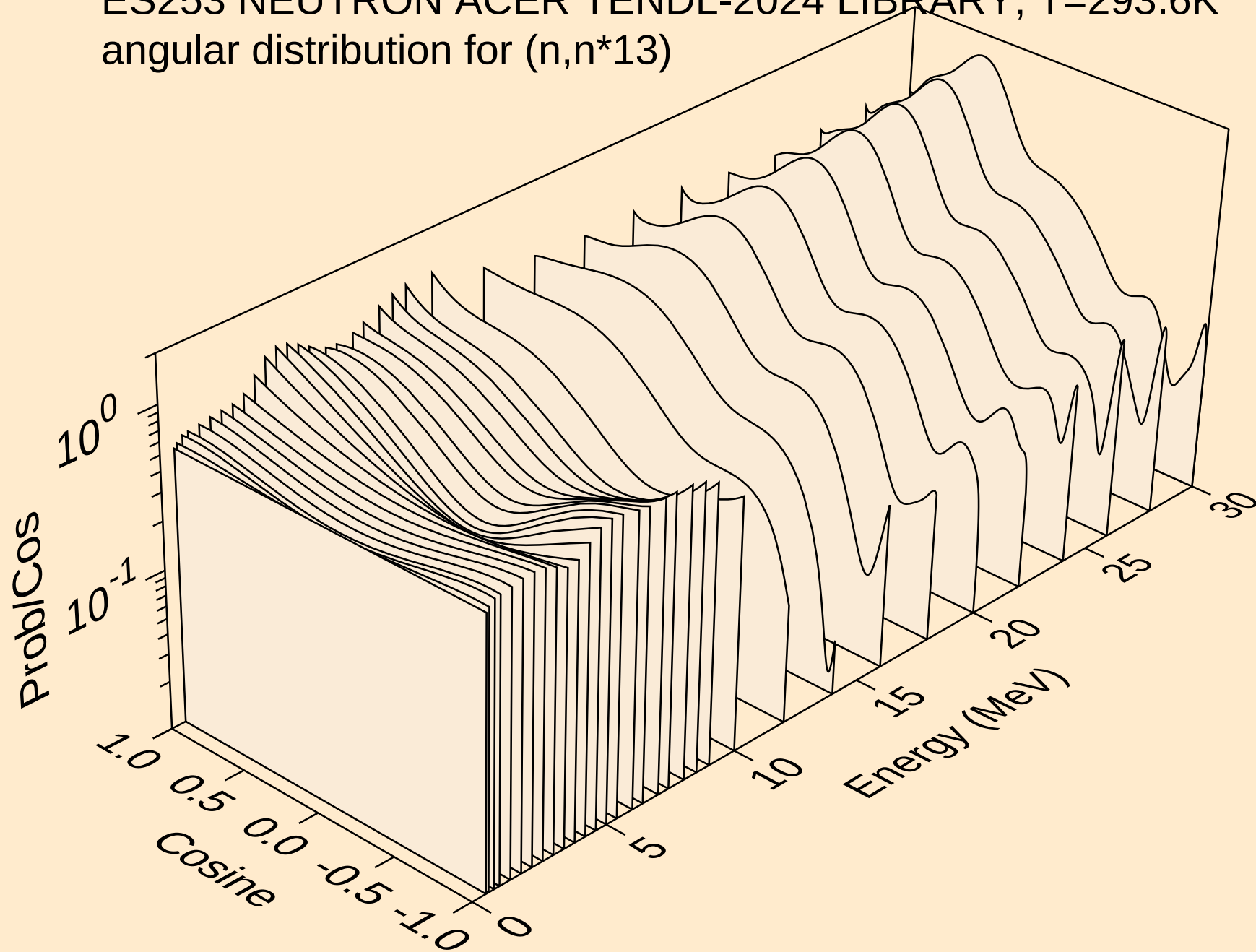
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*11)



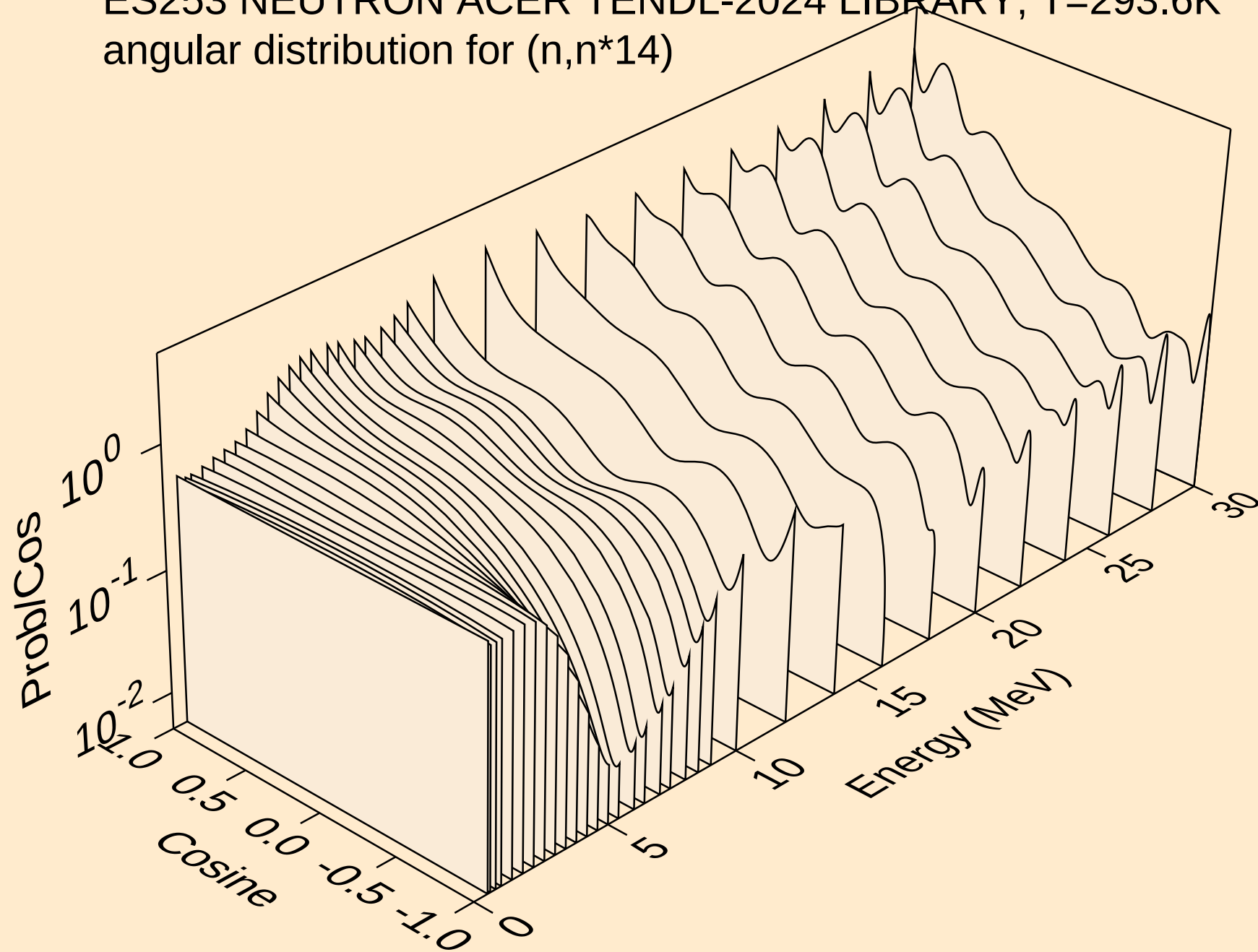
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*12)



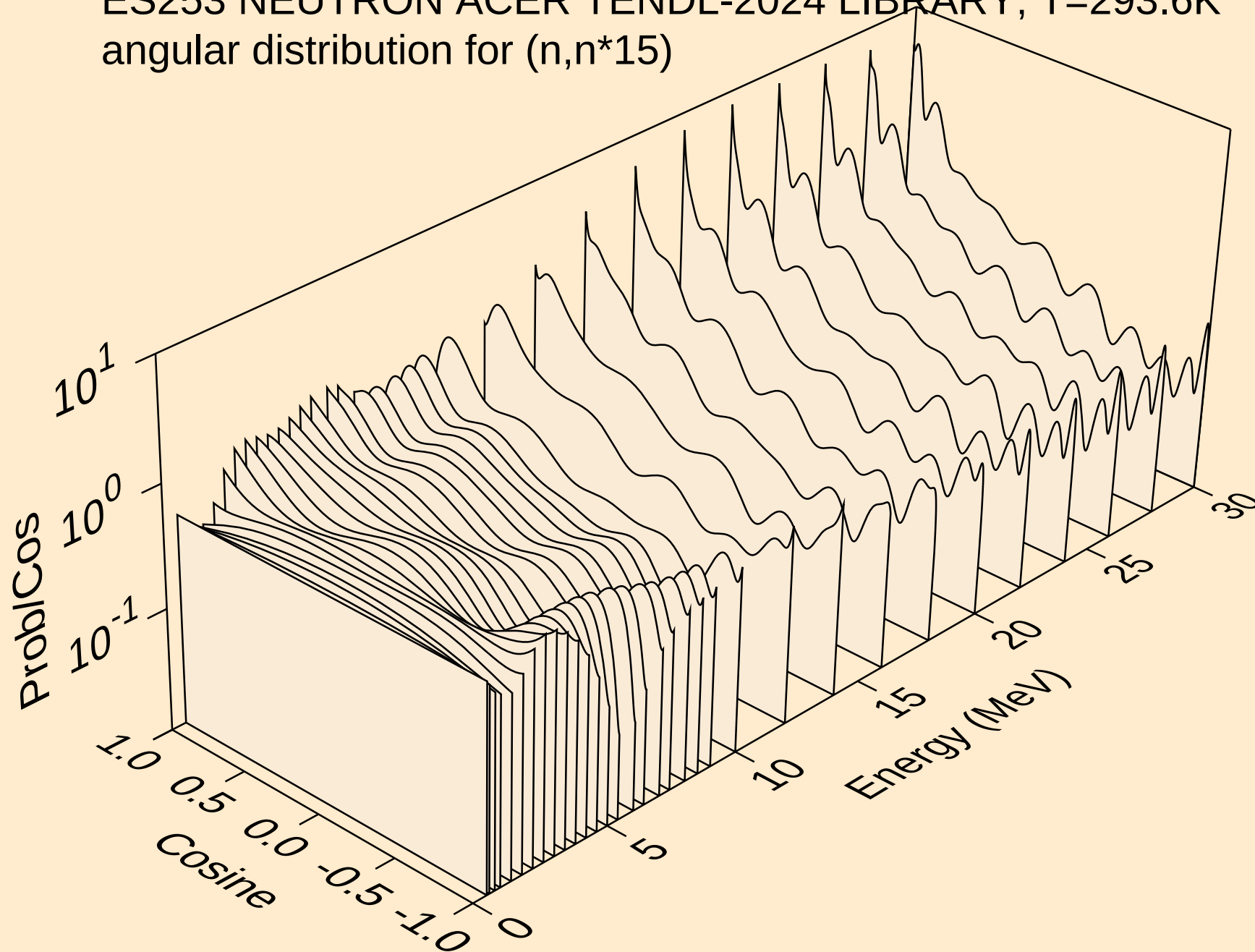
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*13)



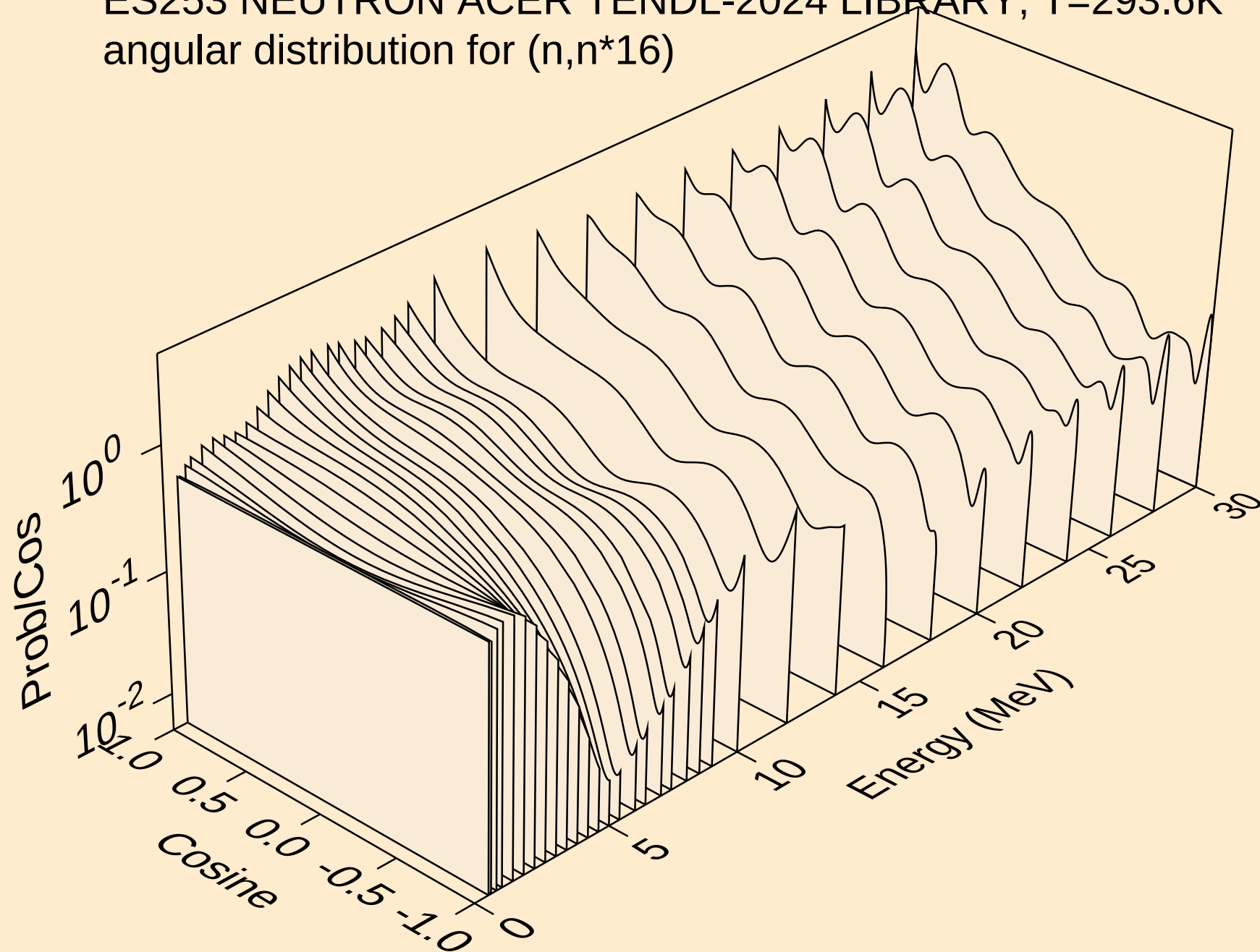
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*14)



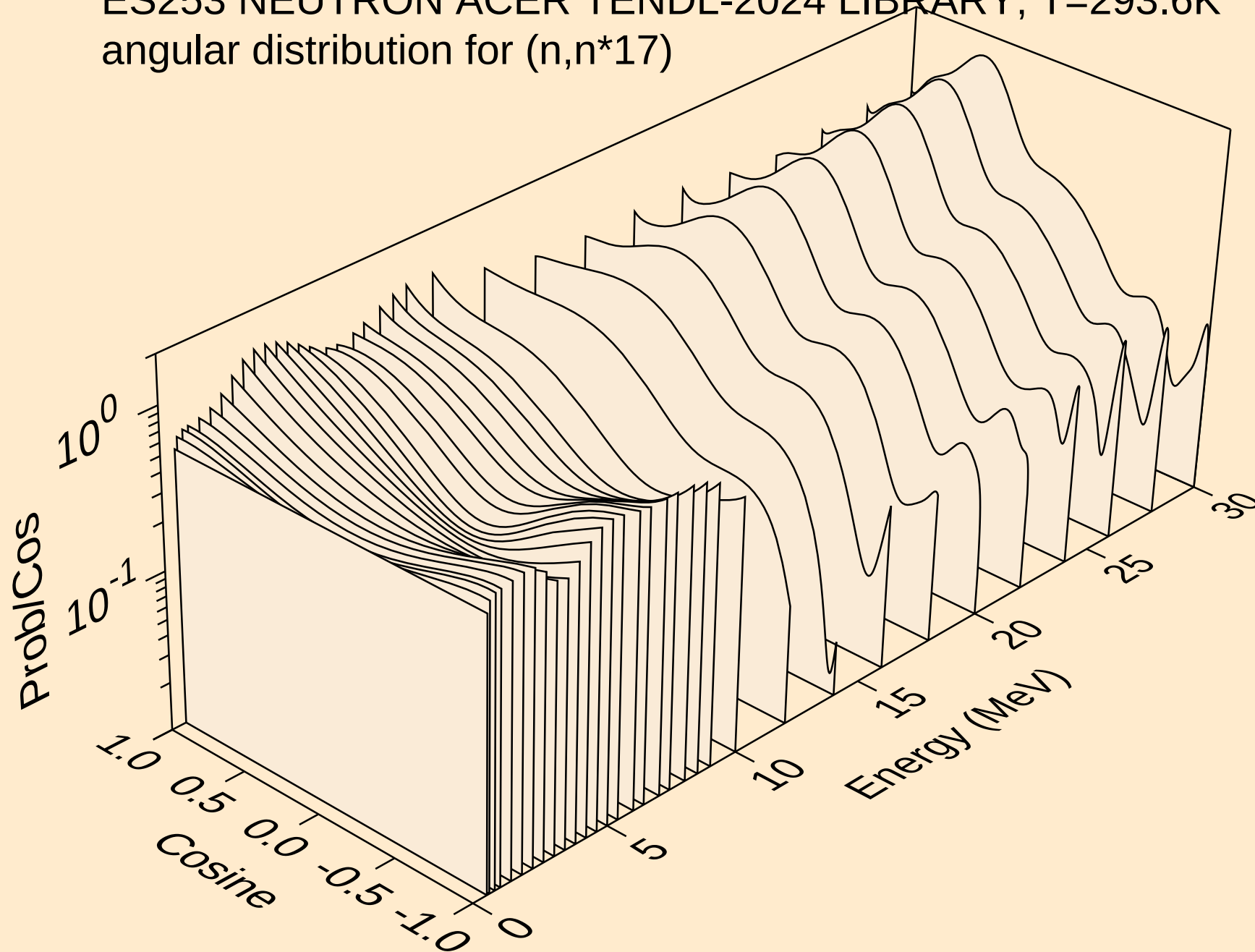
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*15)



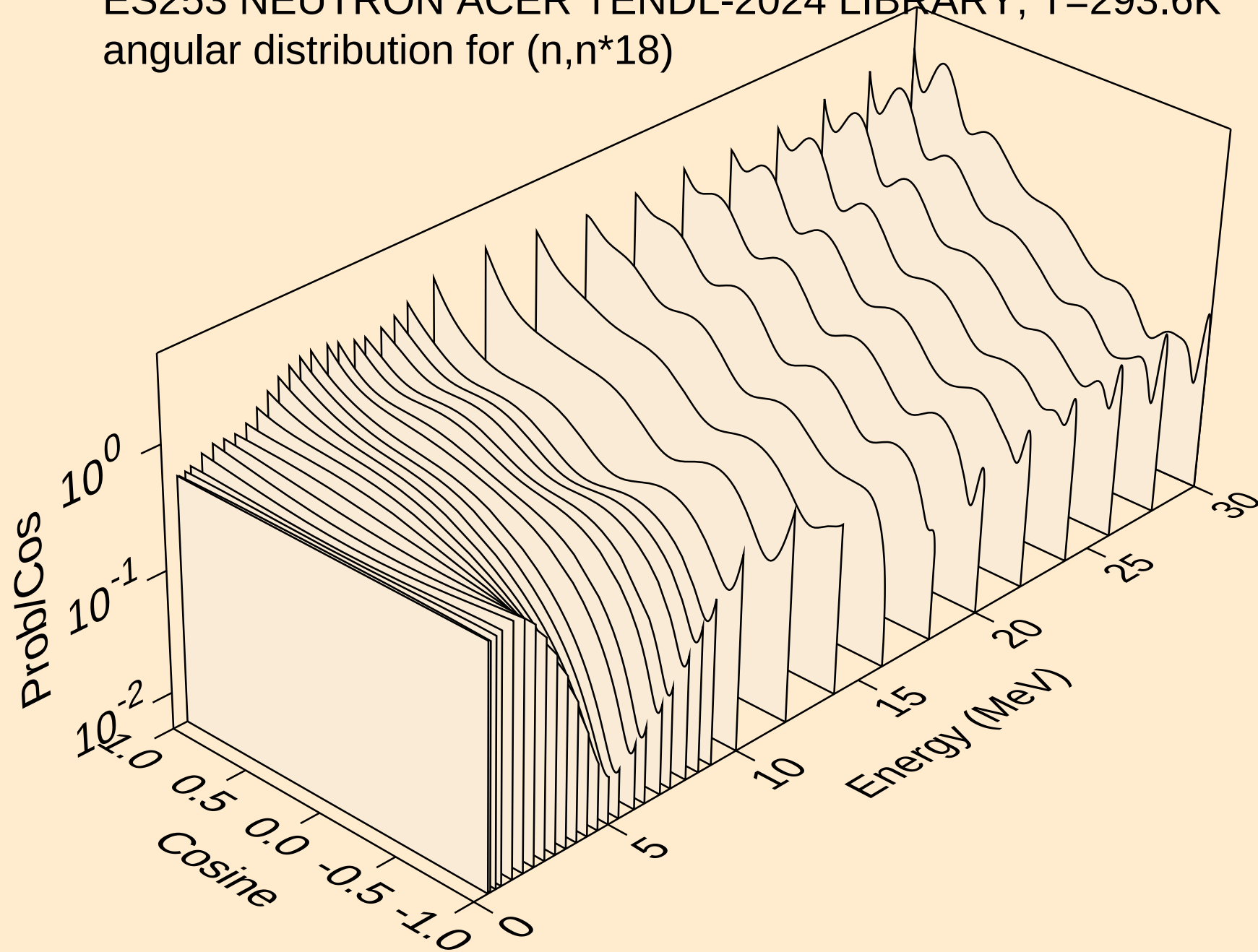
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*16)



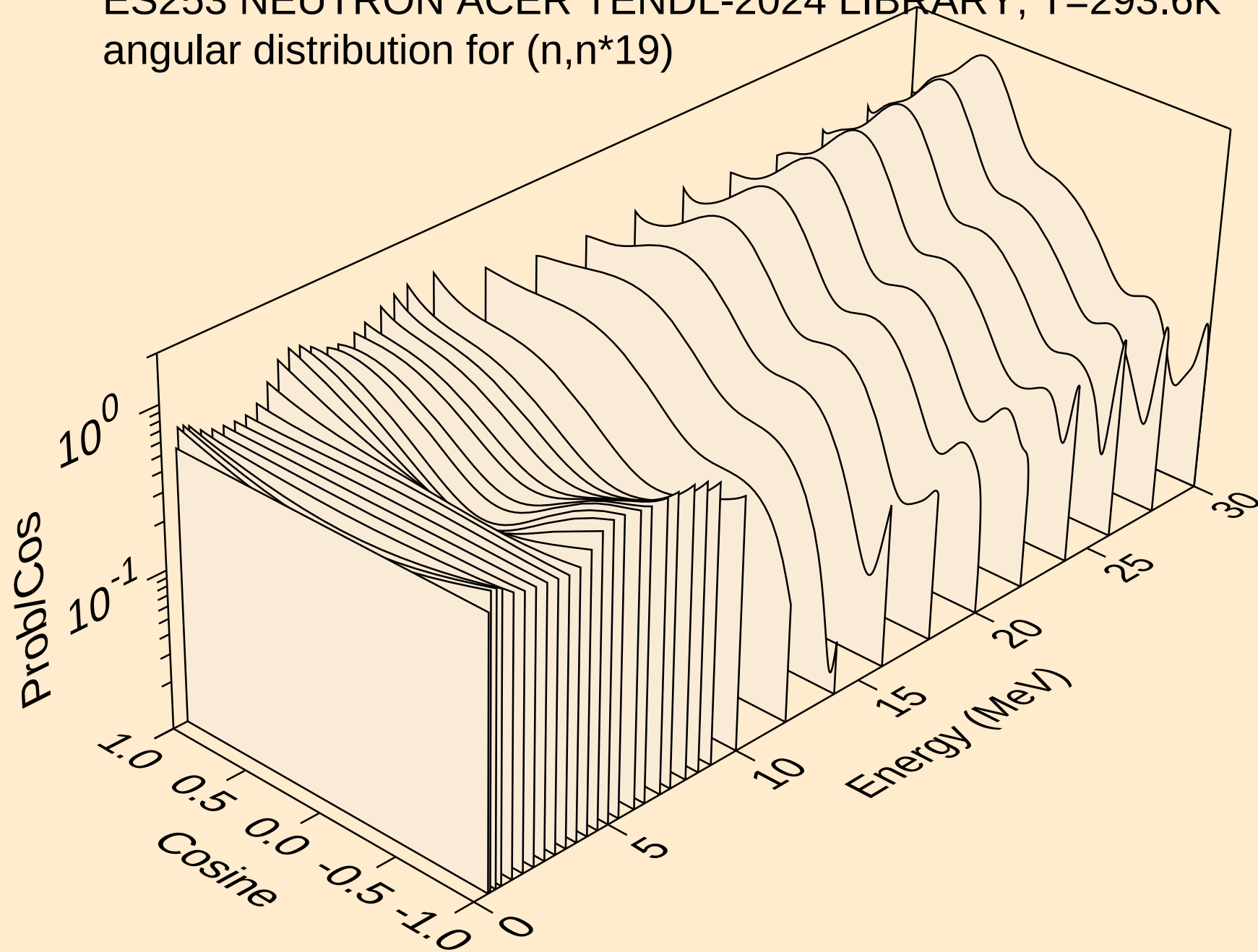
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*17)



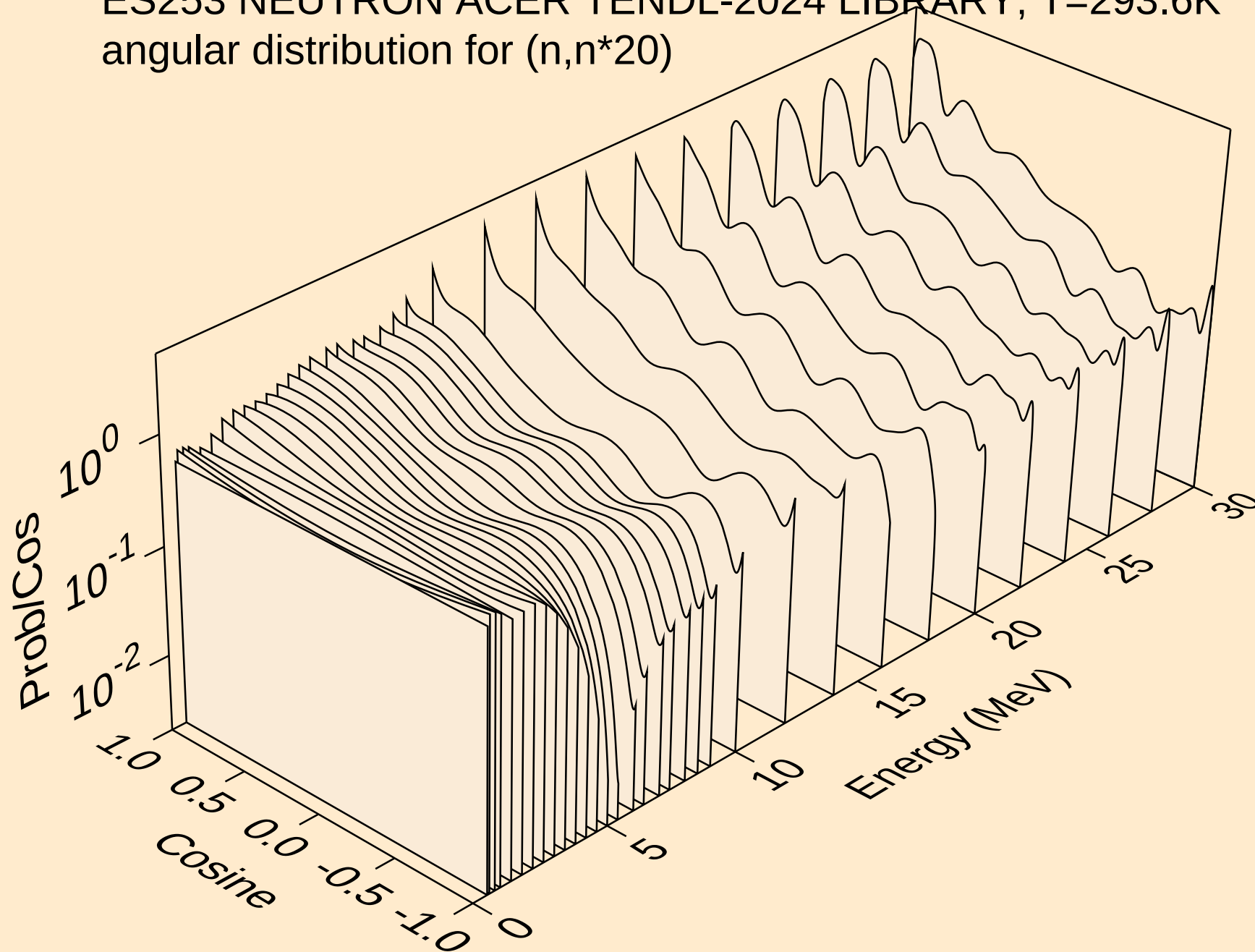
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*18)



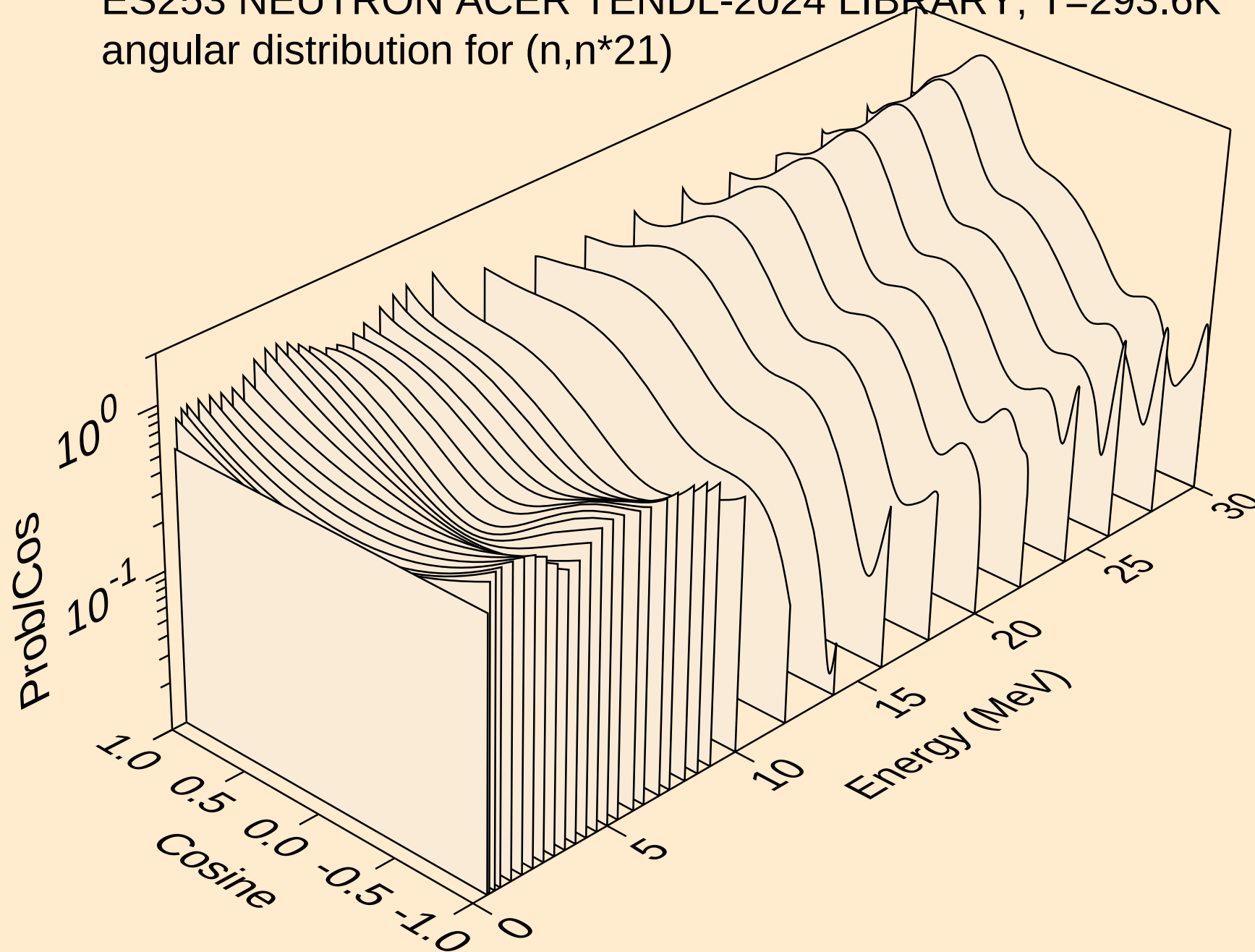
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*19)



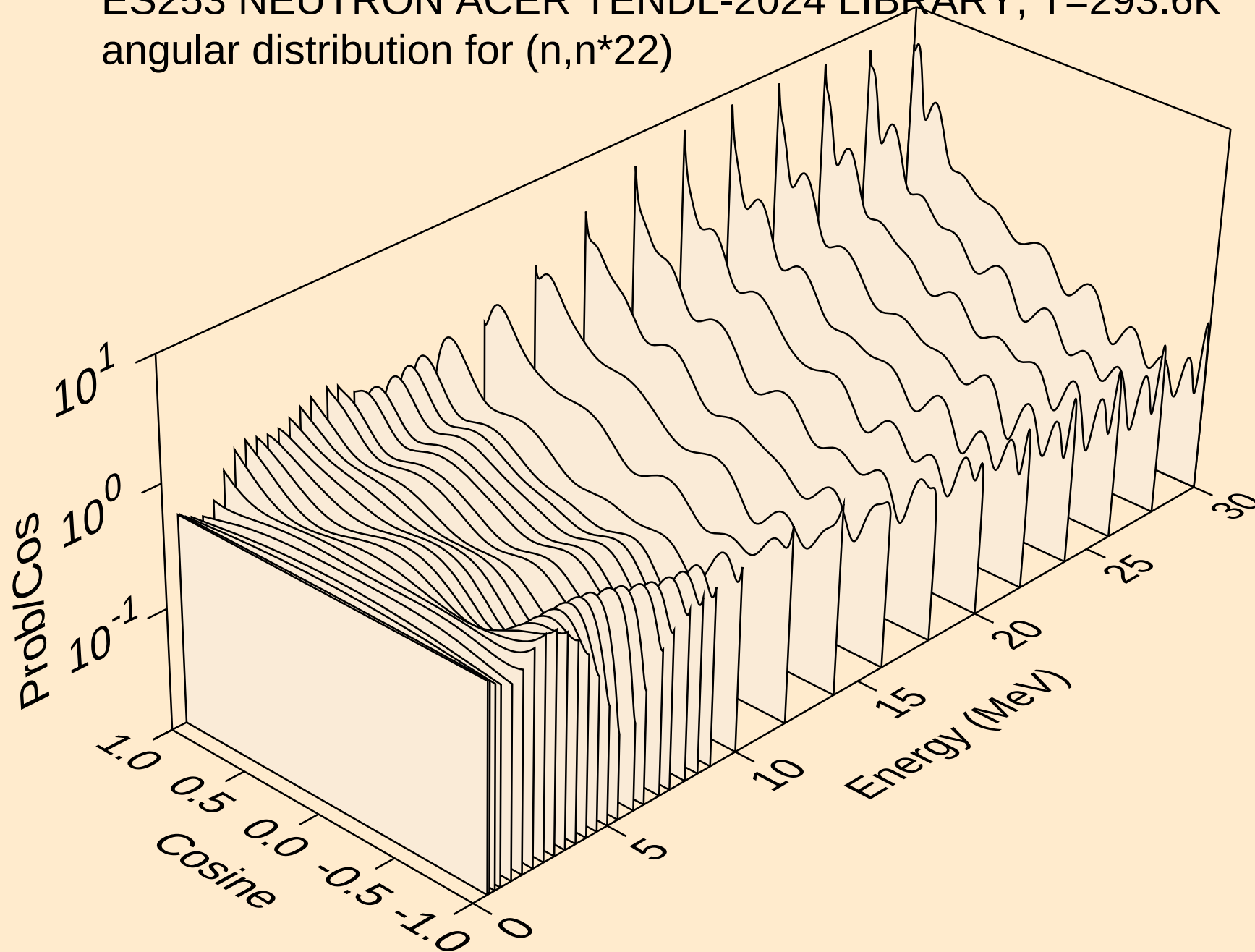
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*20)



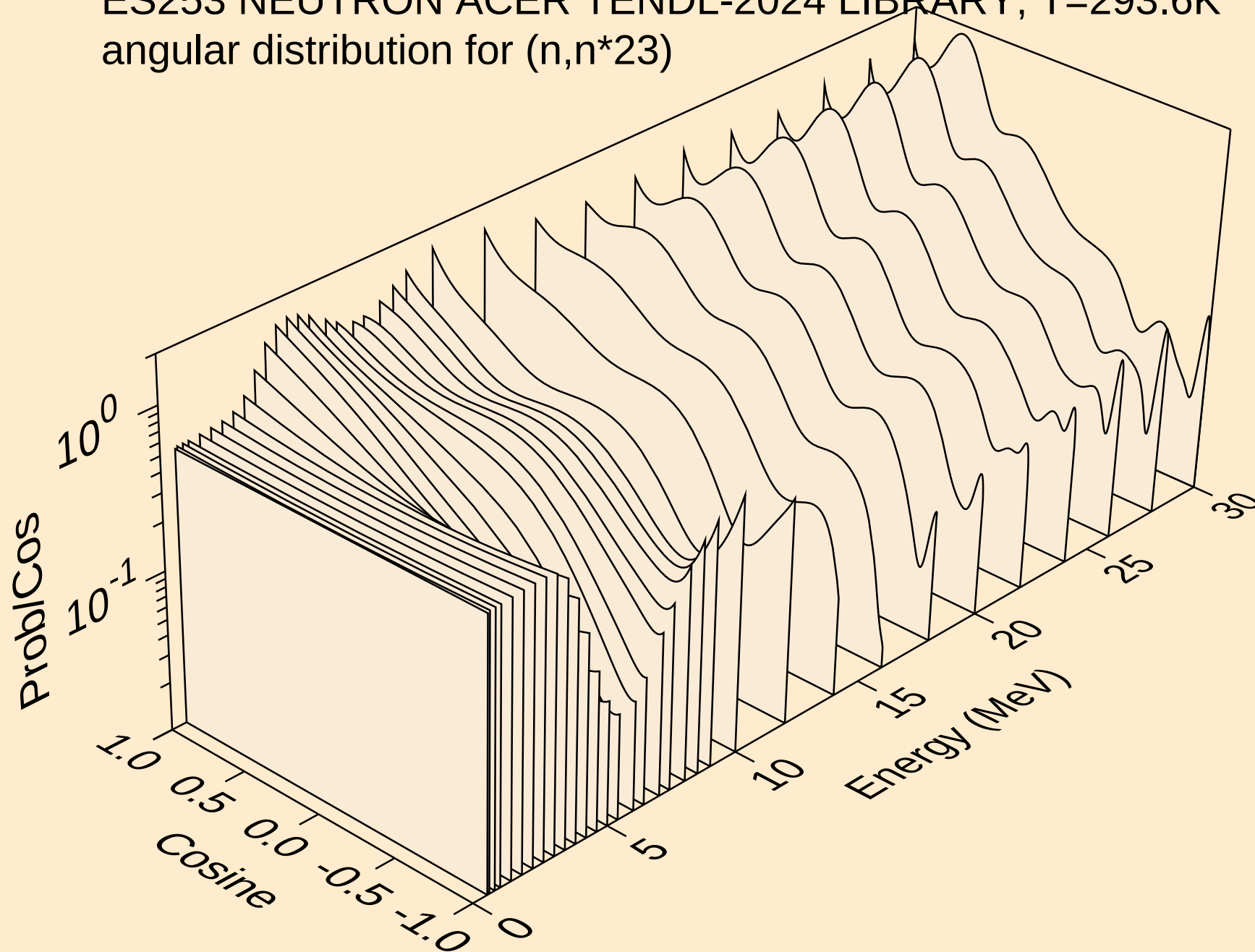
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*21)



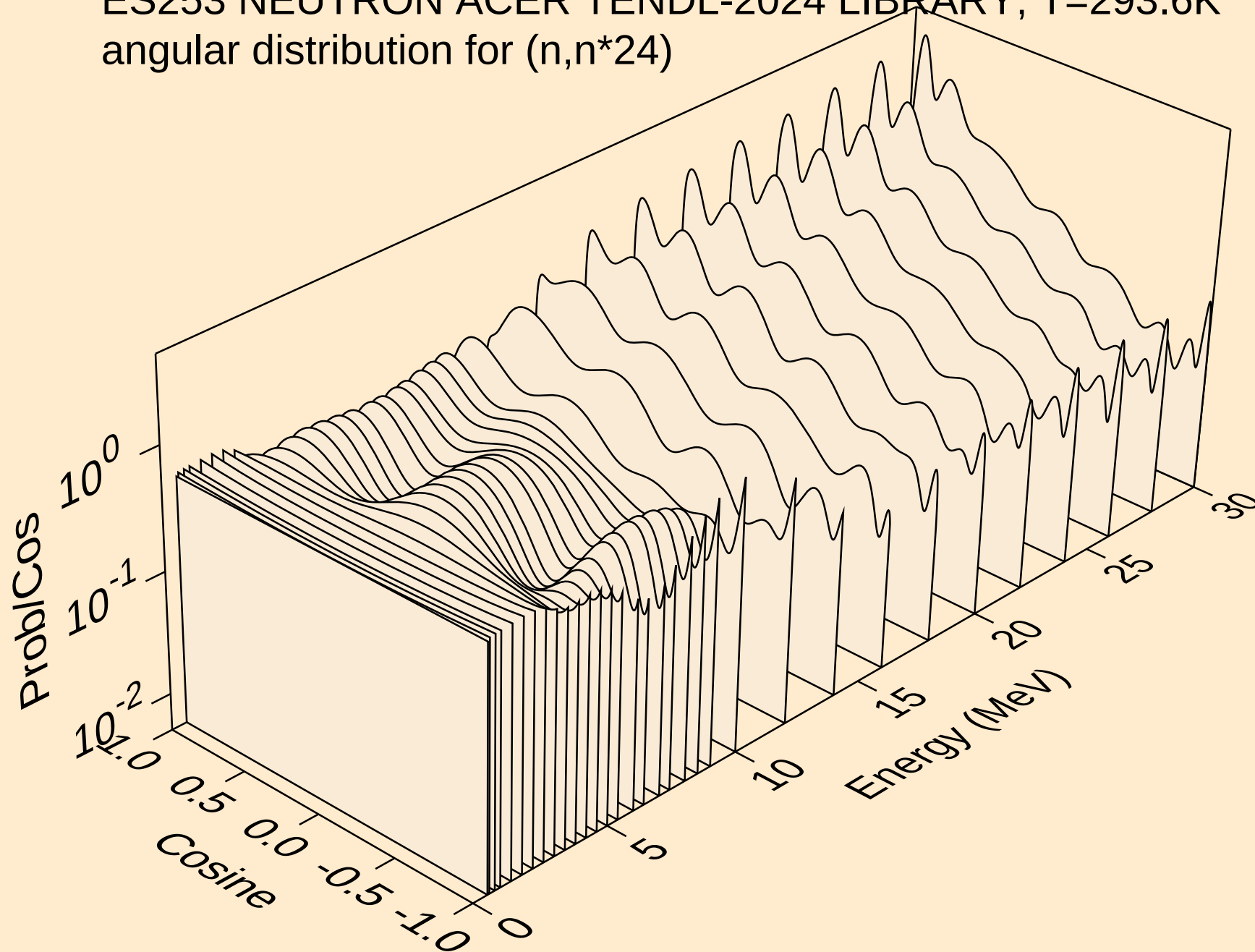
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*22)



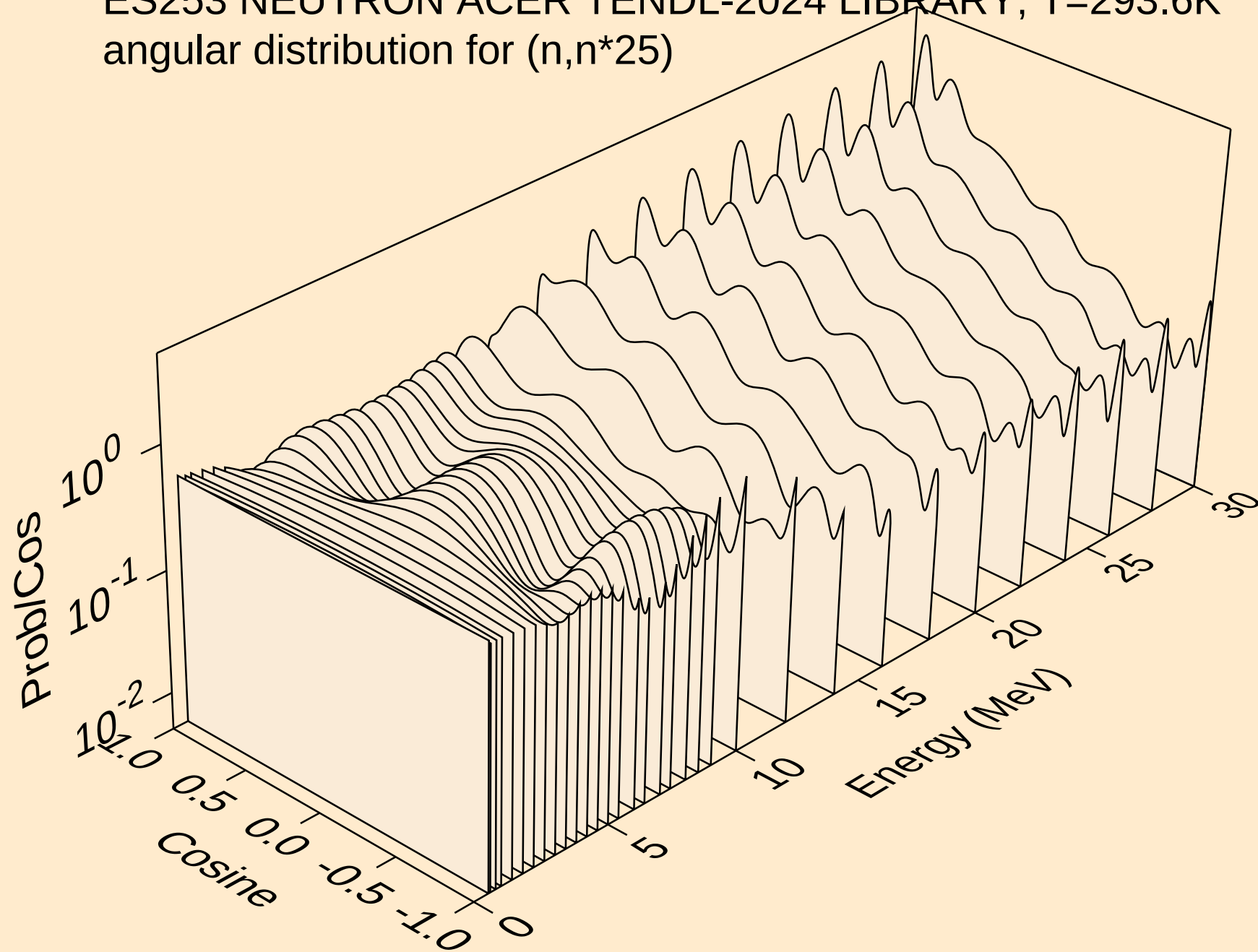
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*23)



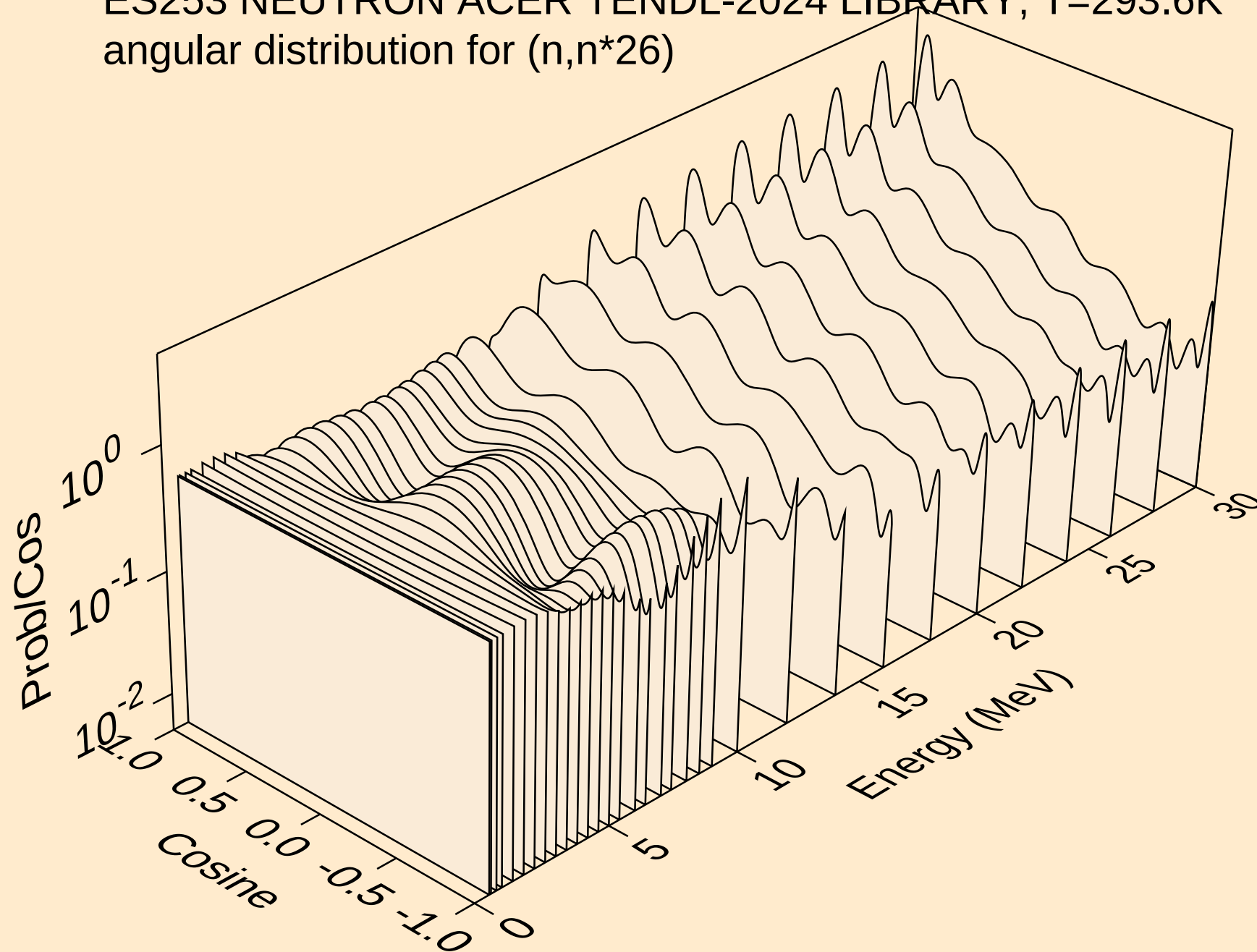
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*24)



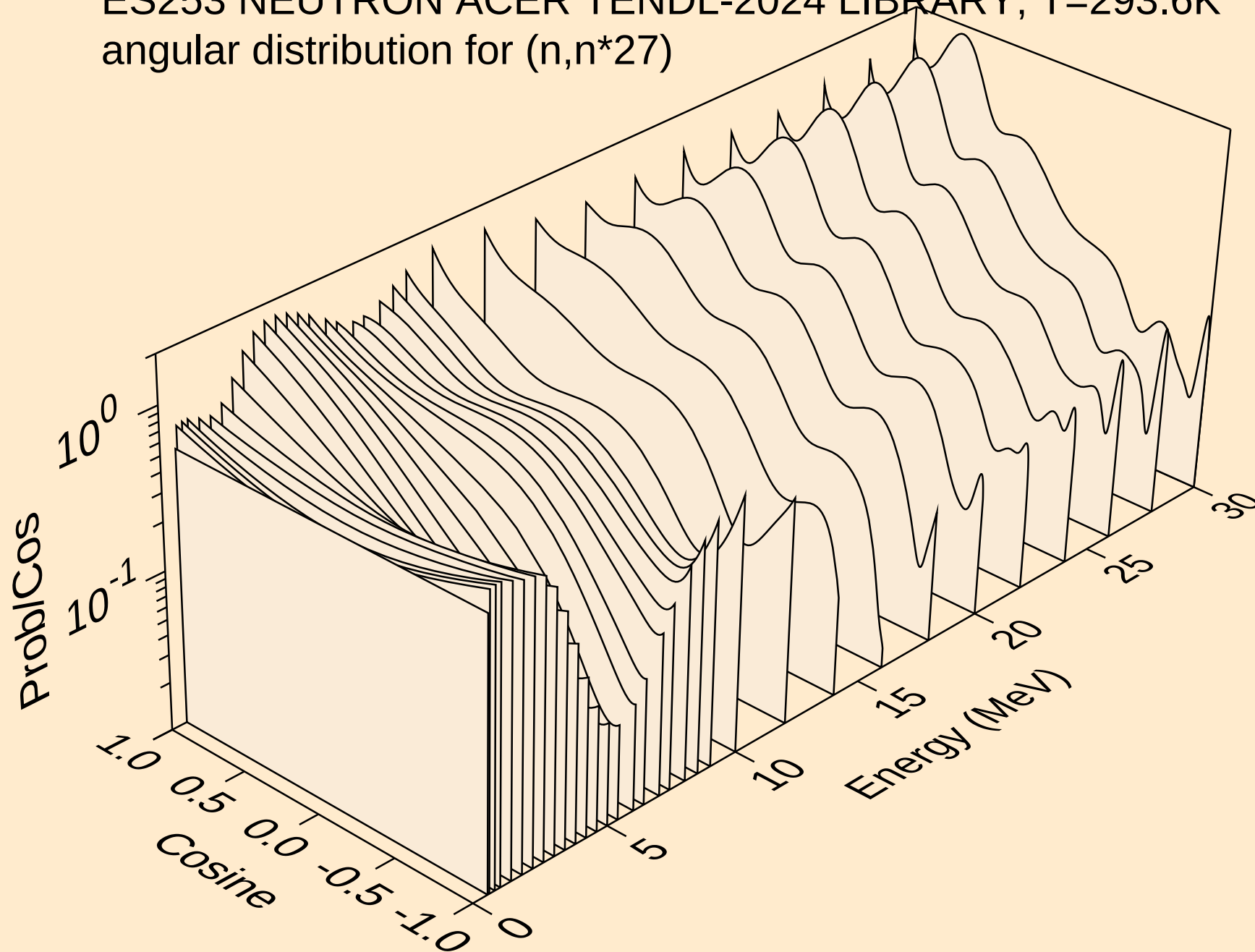
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*25)



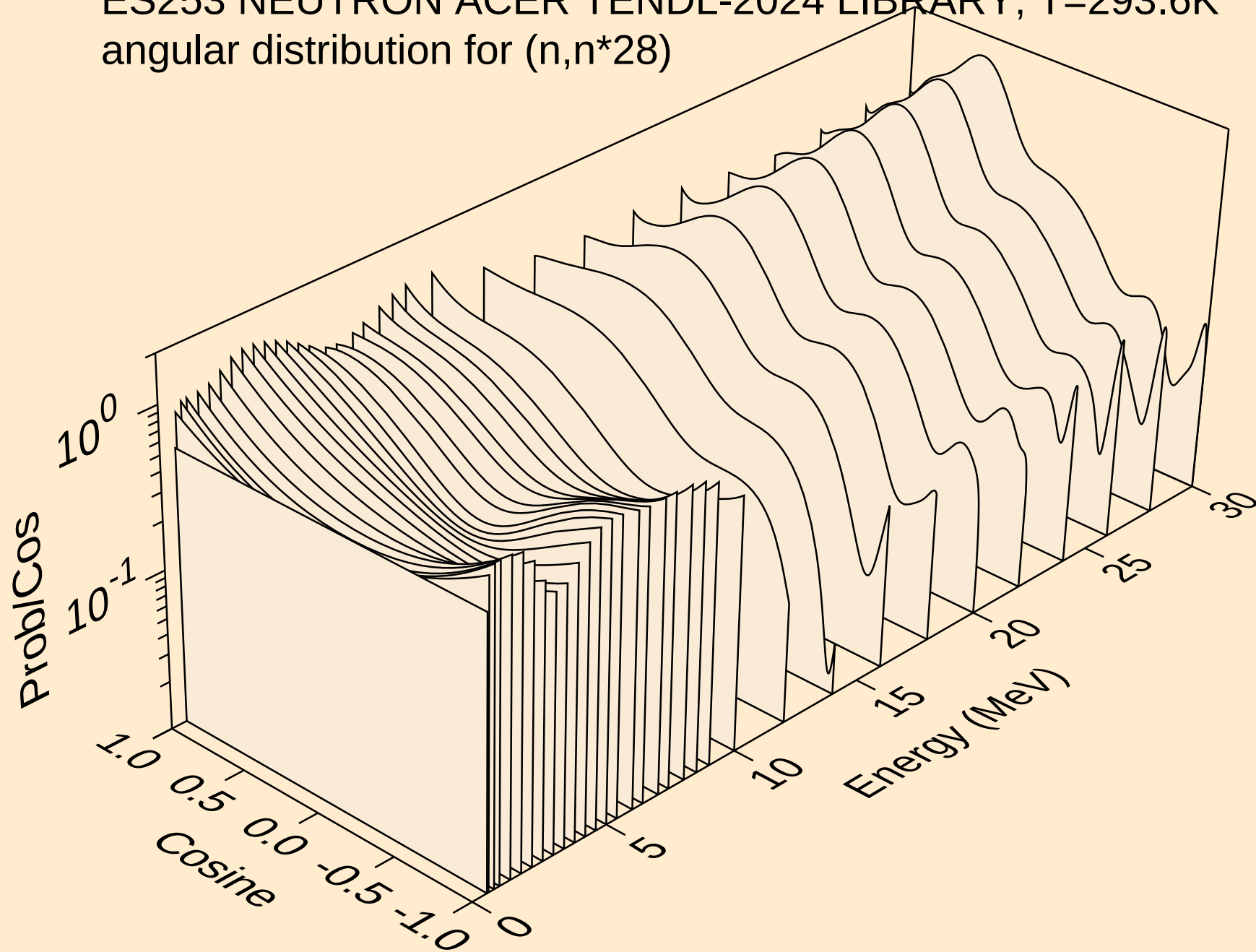
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*26)



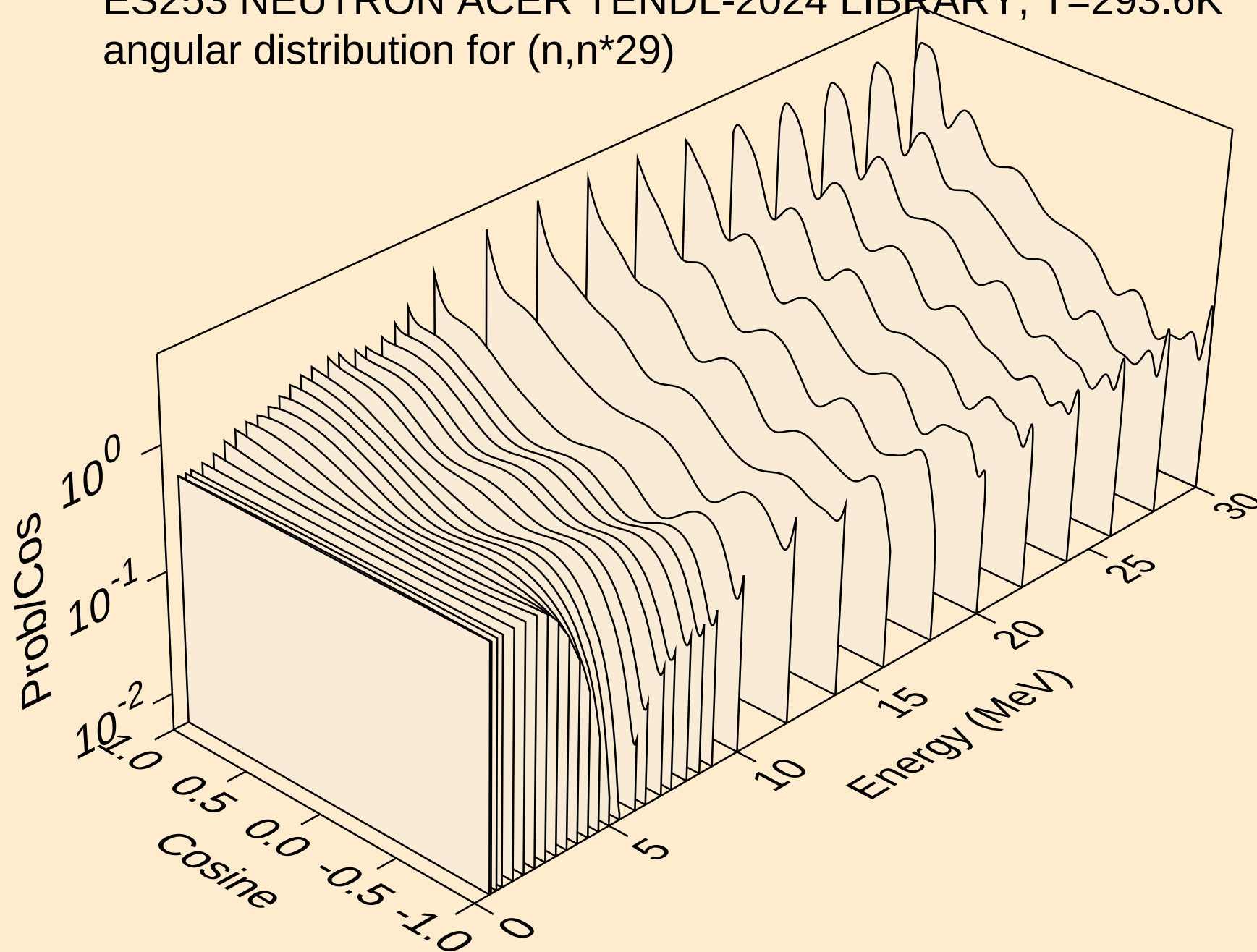
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*27)



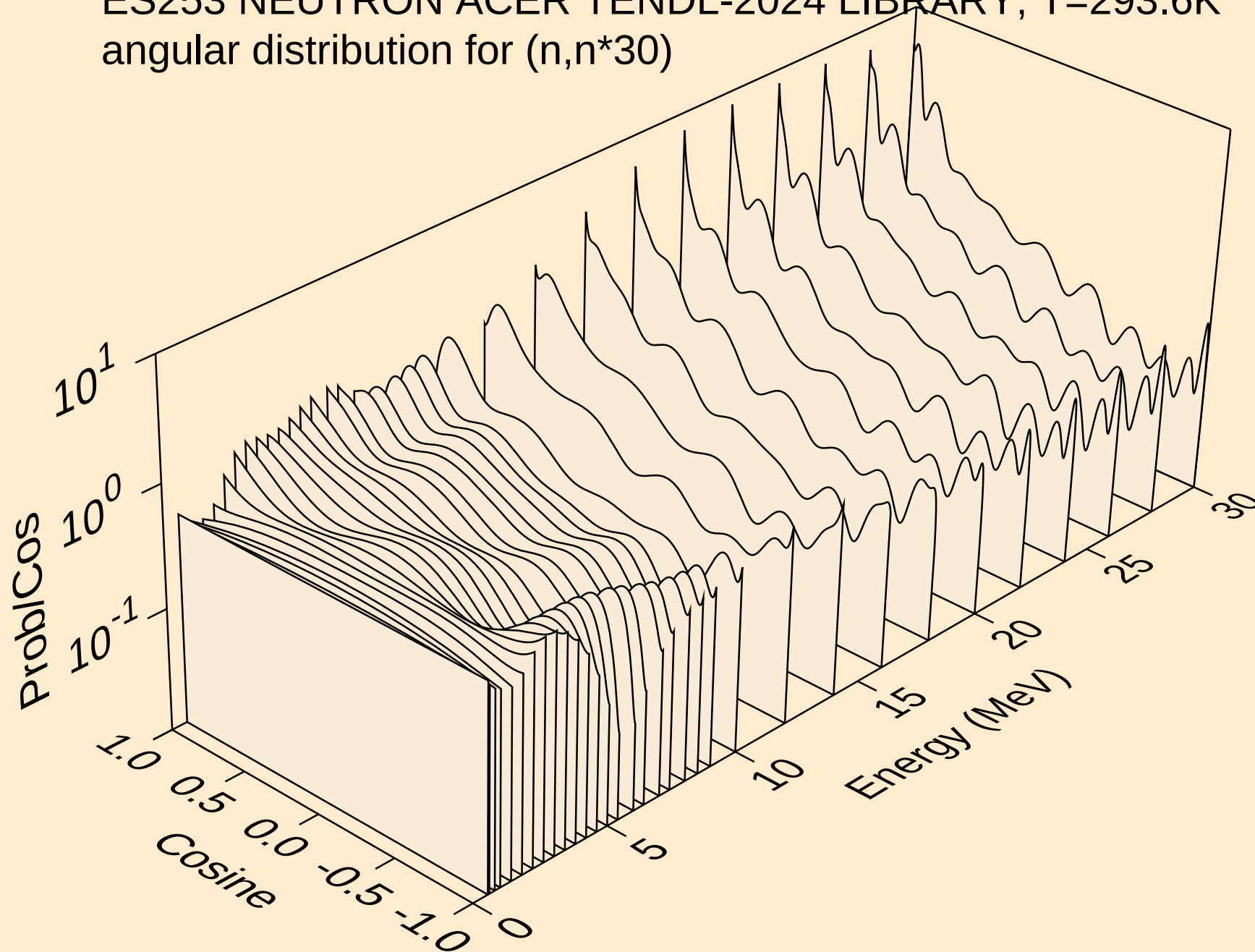
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*28)



ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*29)

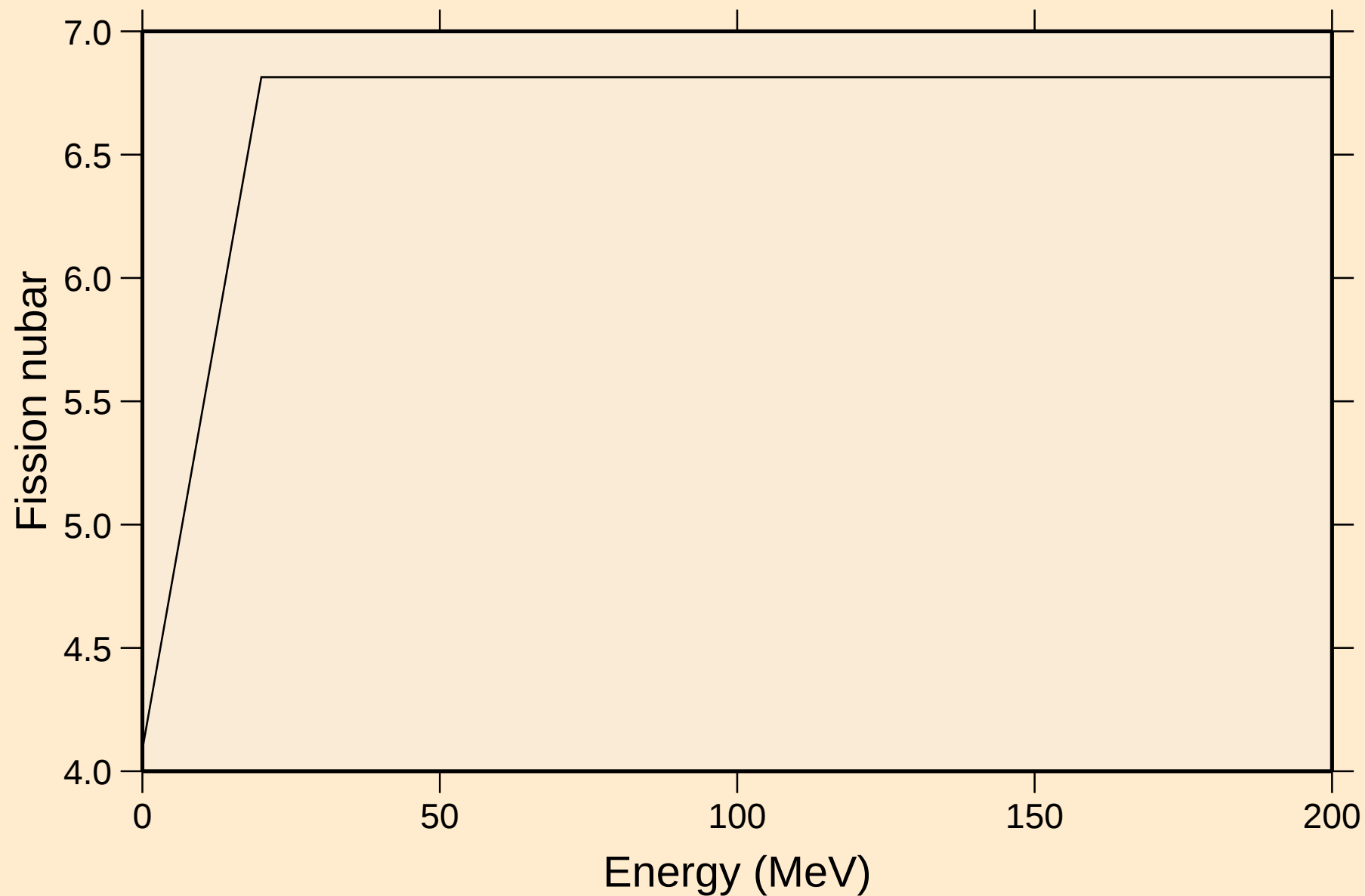


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*30)

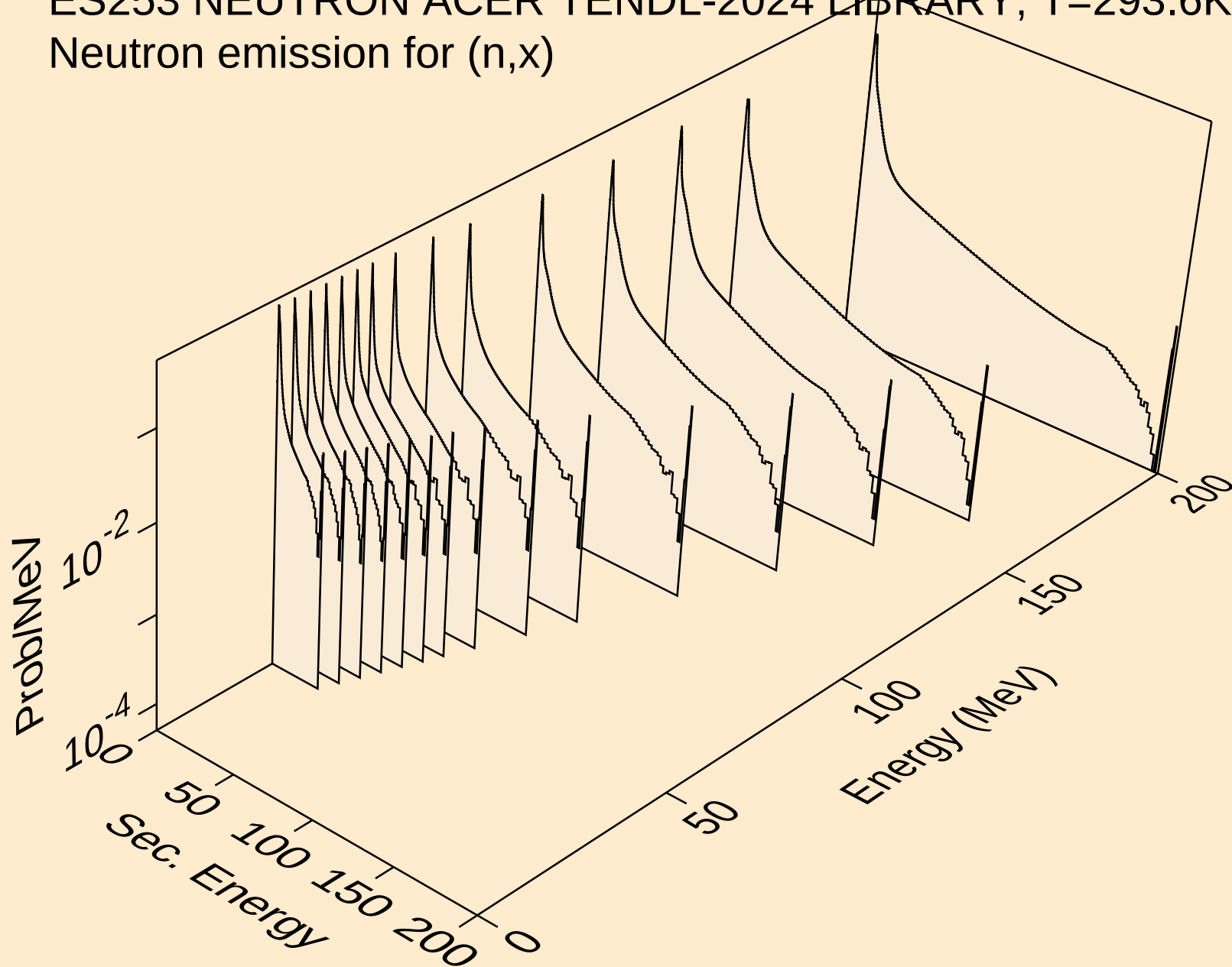


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

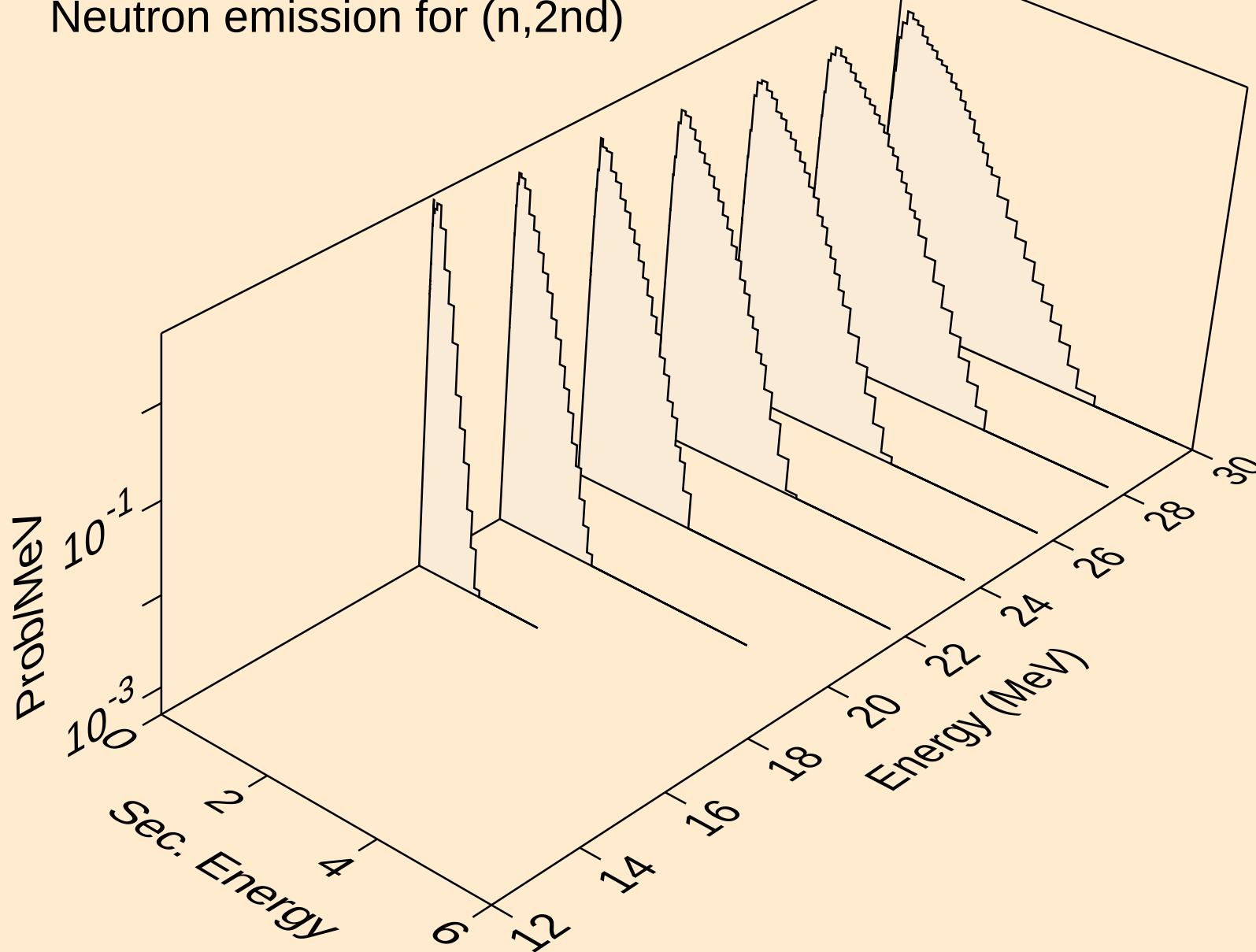
Total fission nubar



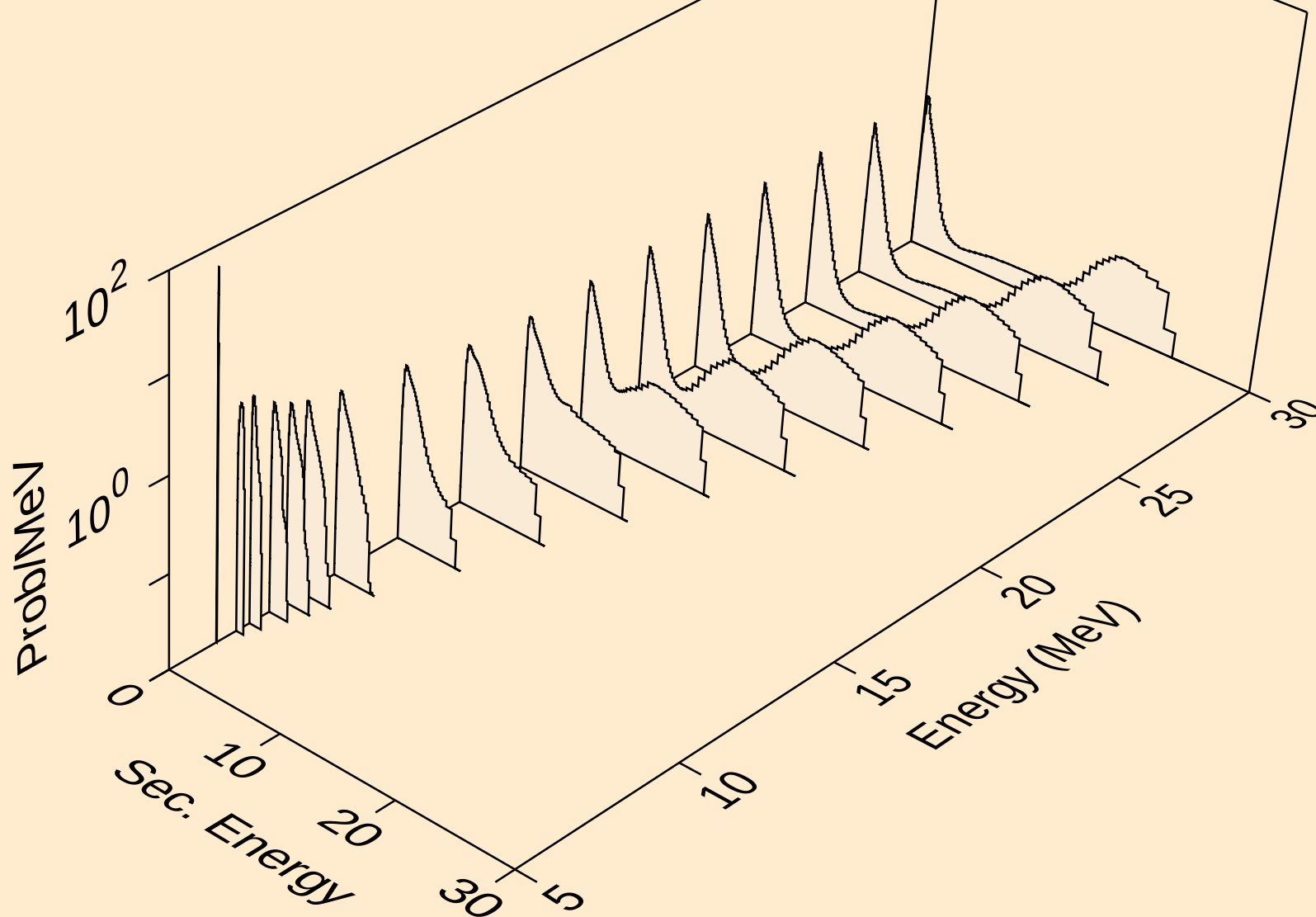
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



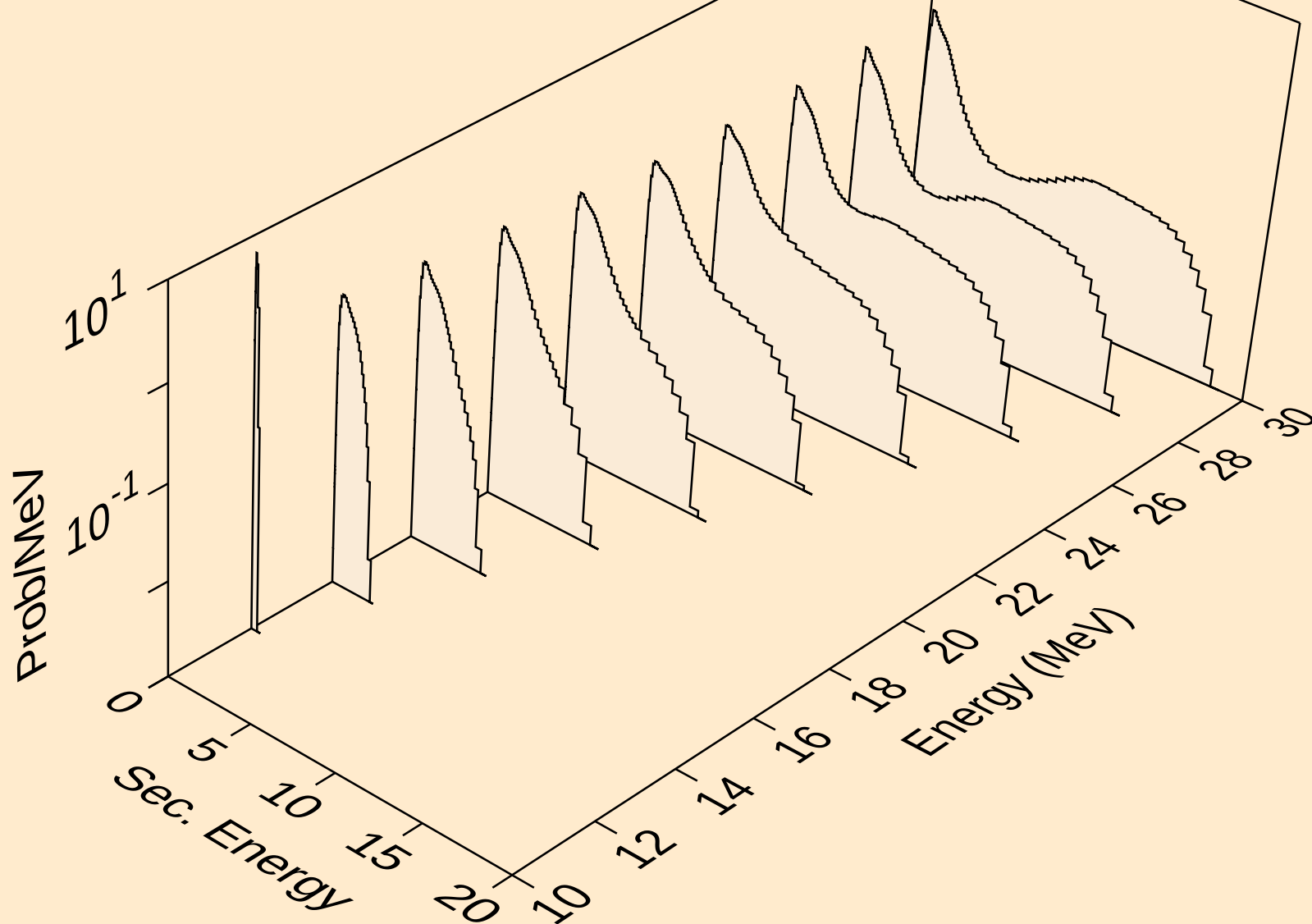
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



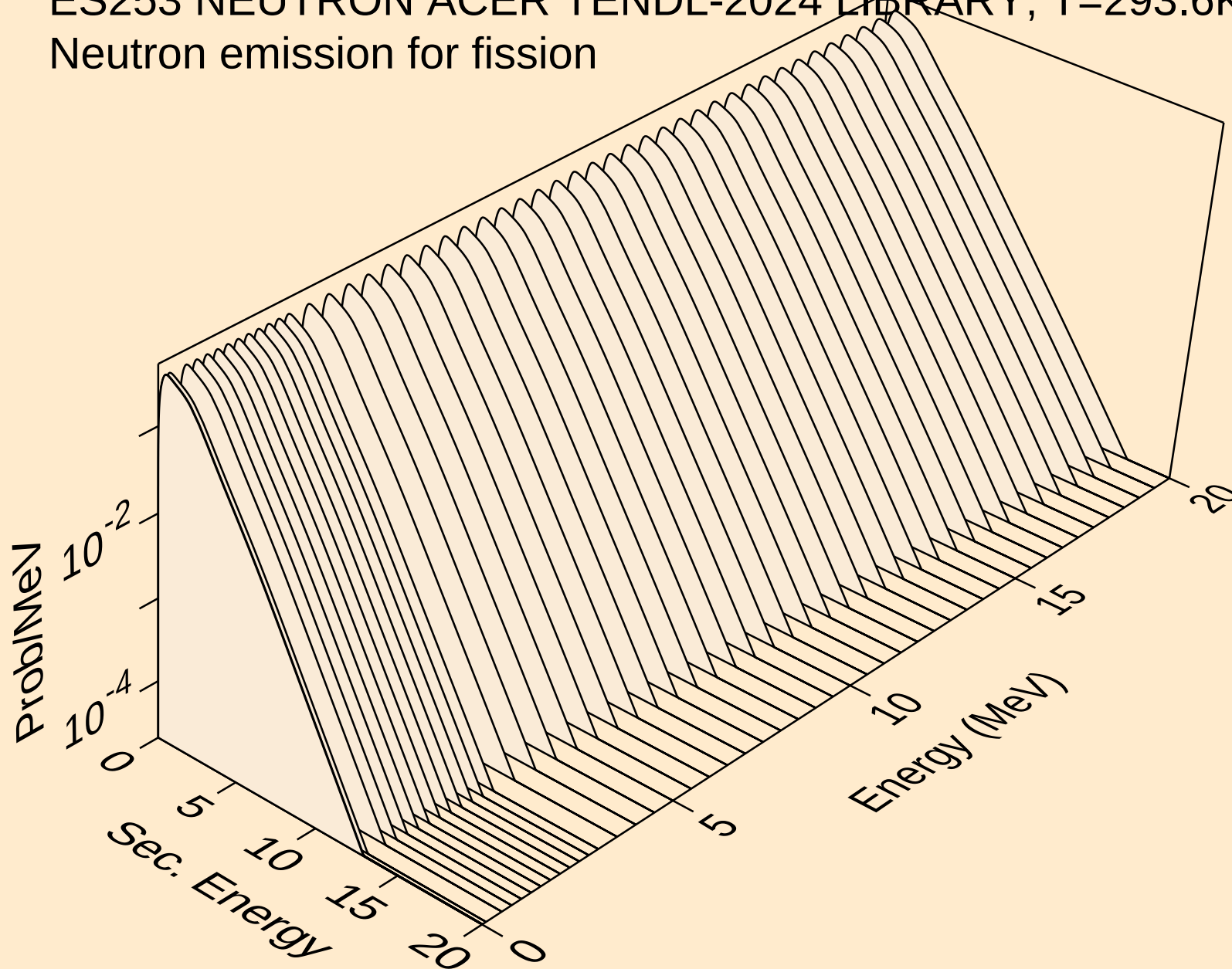
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)

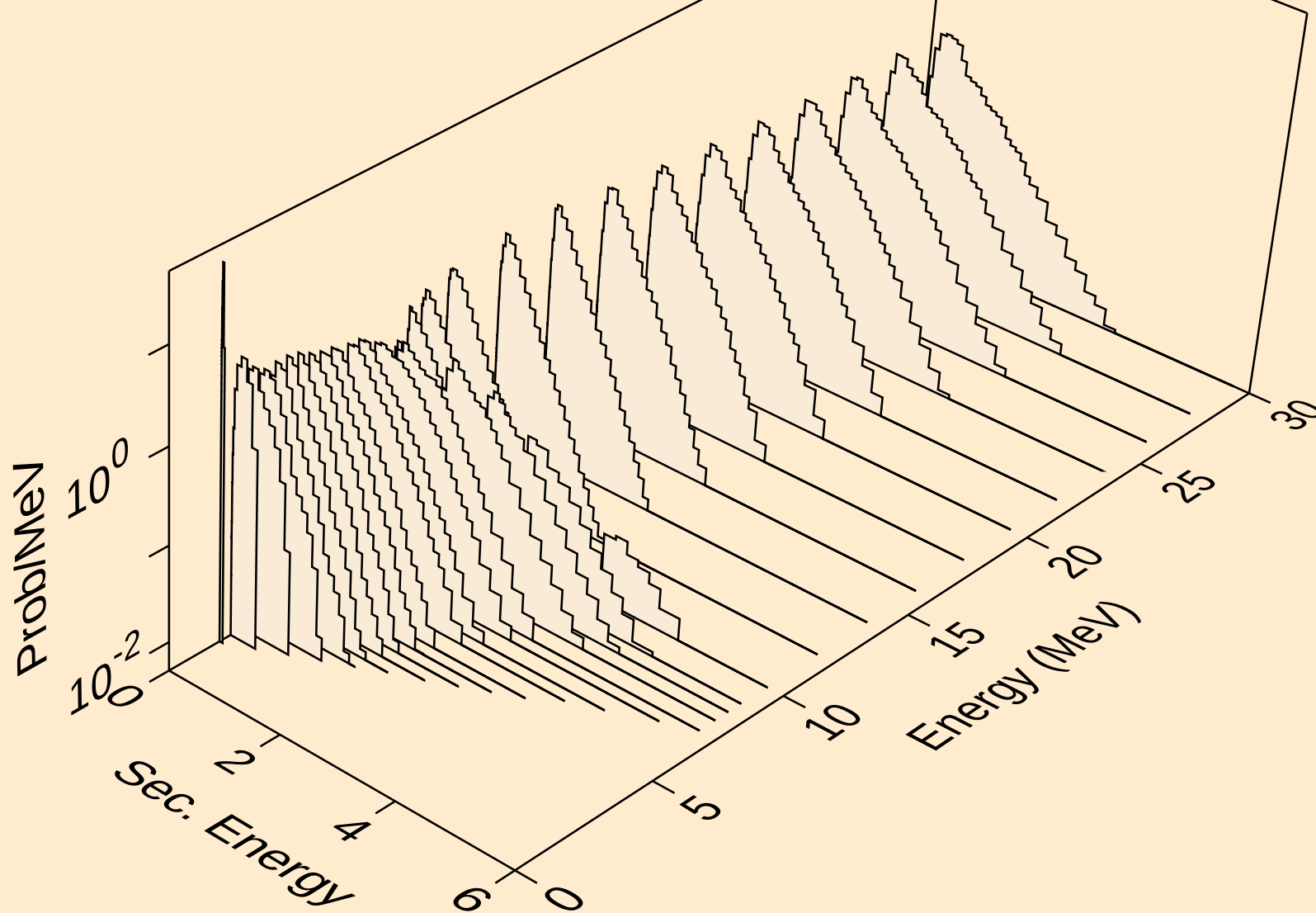


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for fission

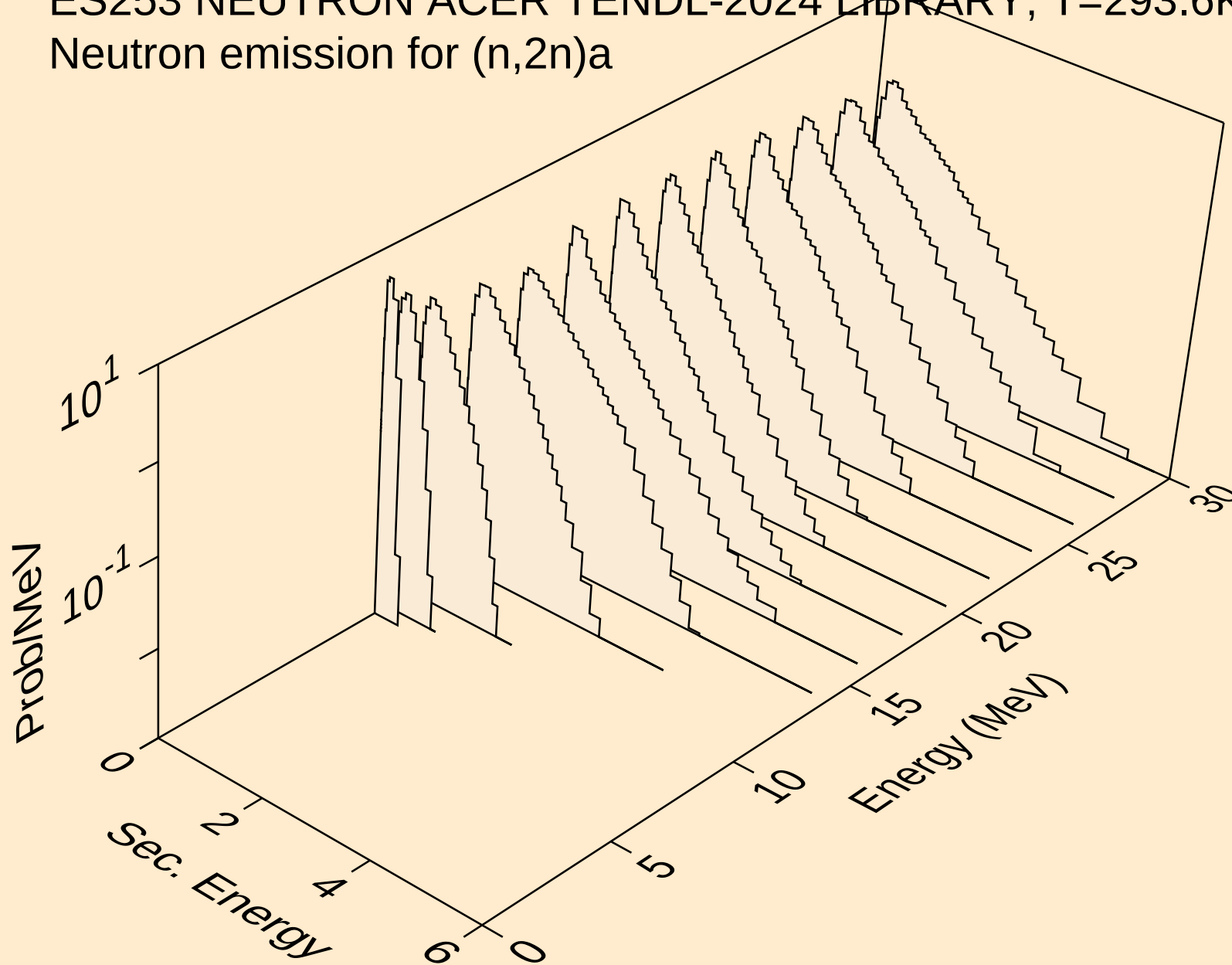


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

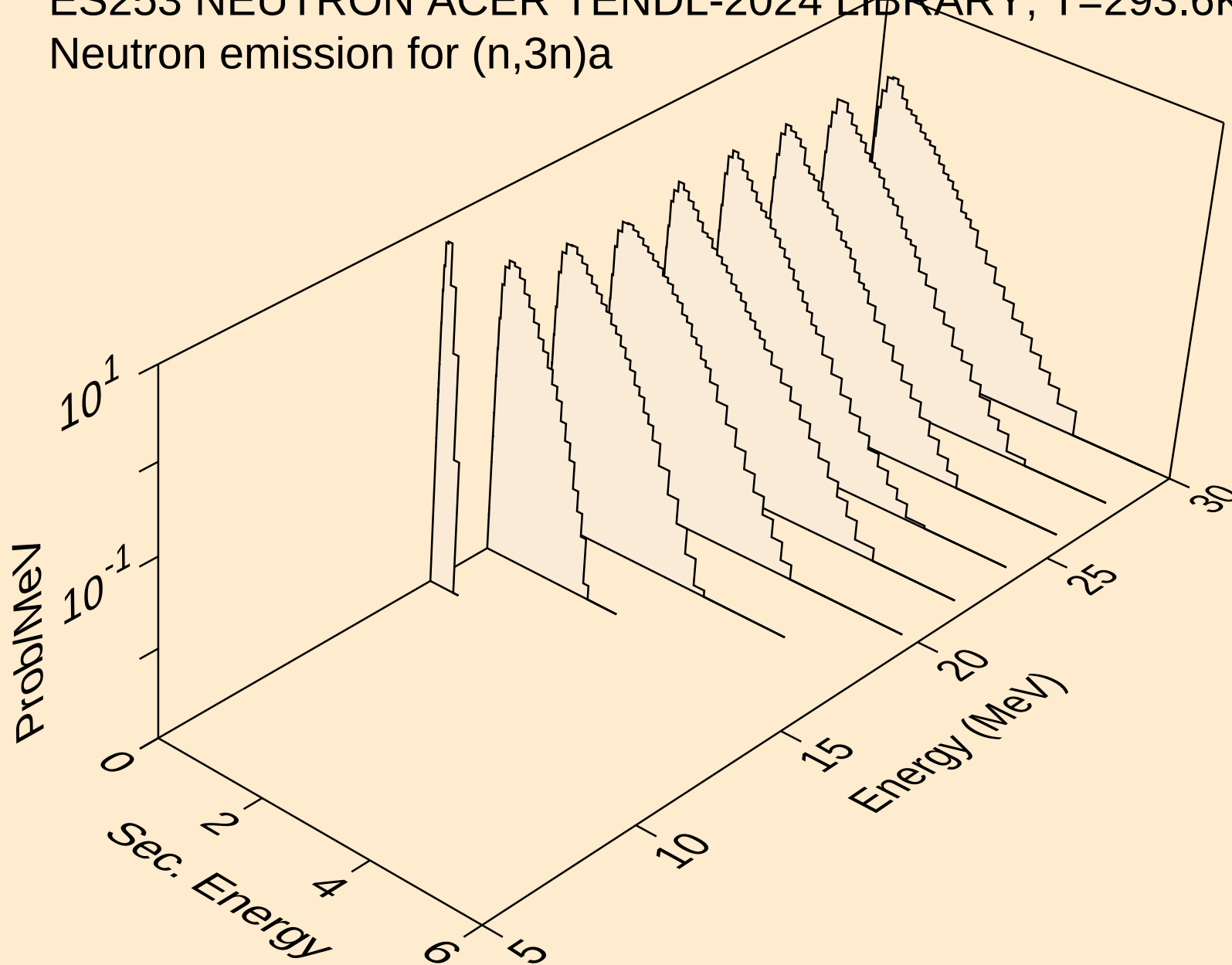
Neutron emission for (n,n*)a



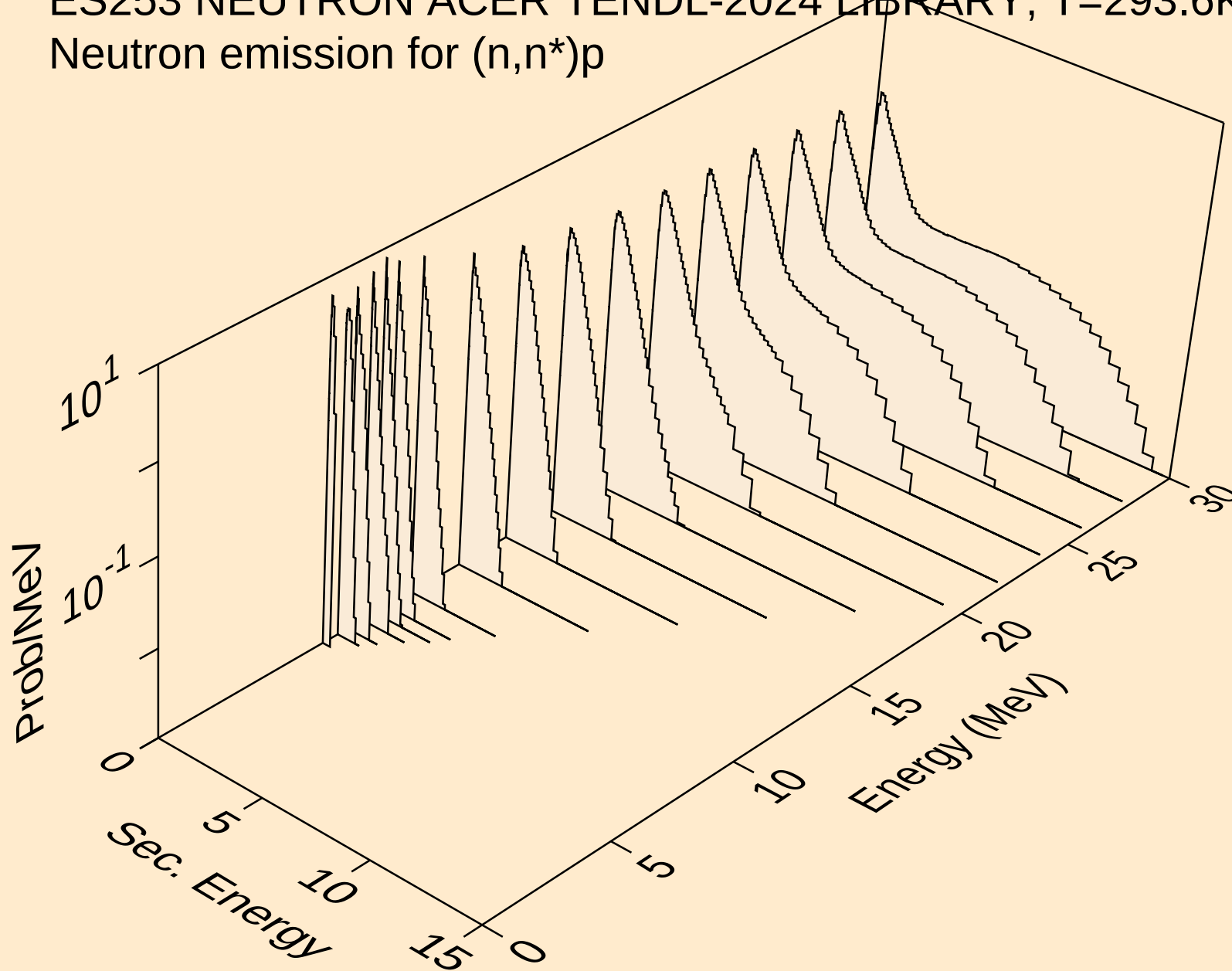
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)a

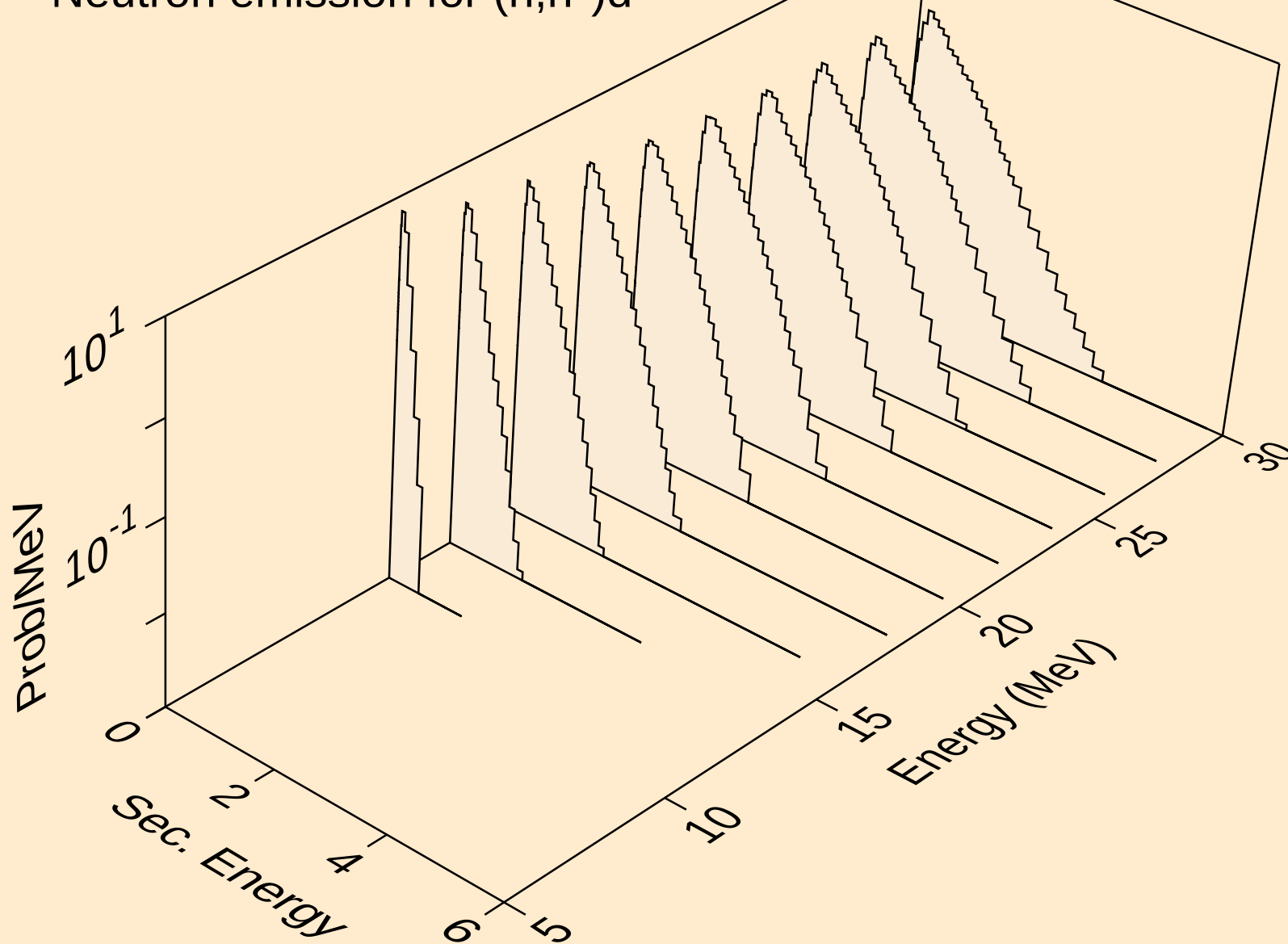


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



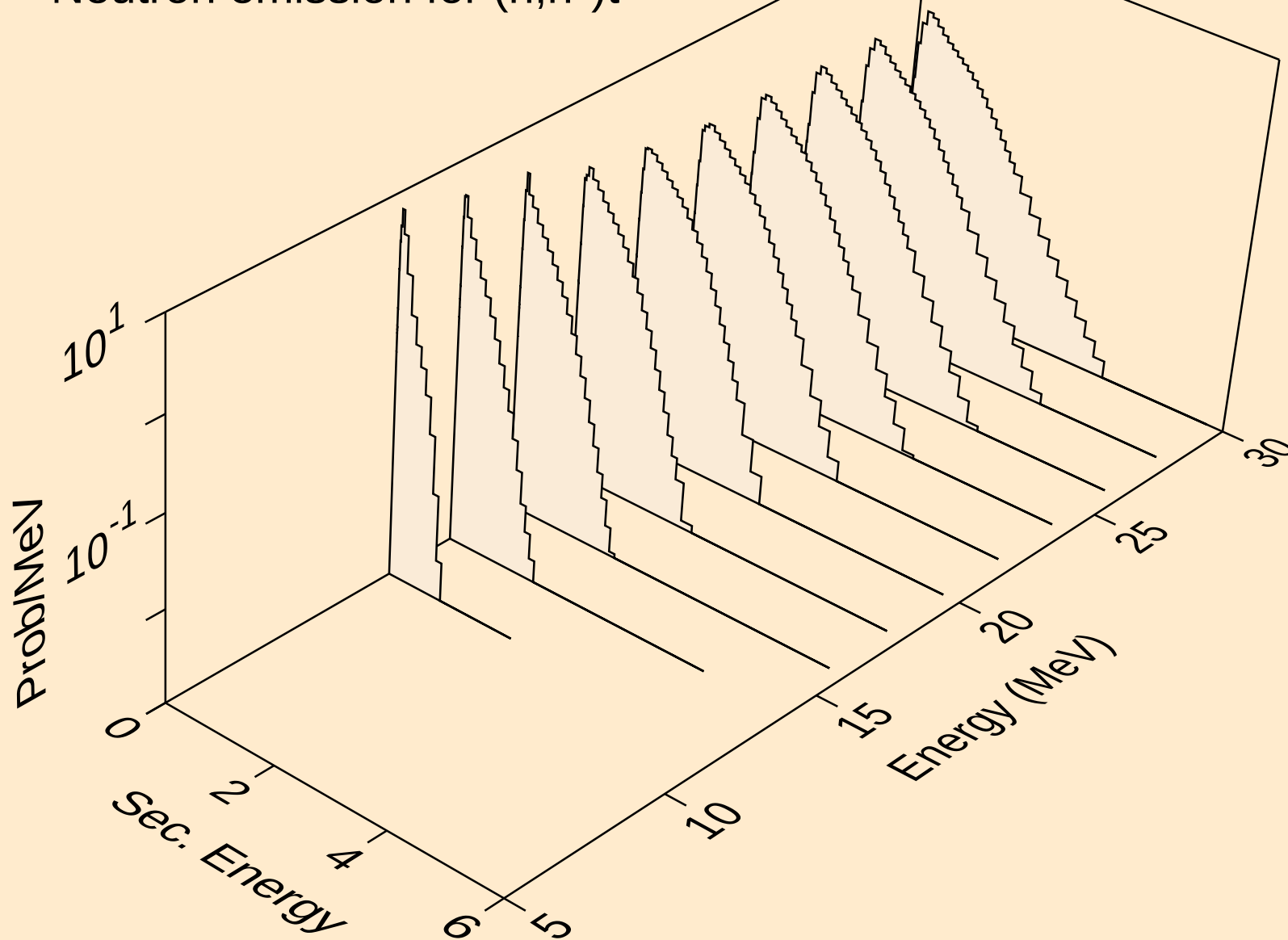
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Neutron emission for (n,n*)d



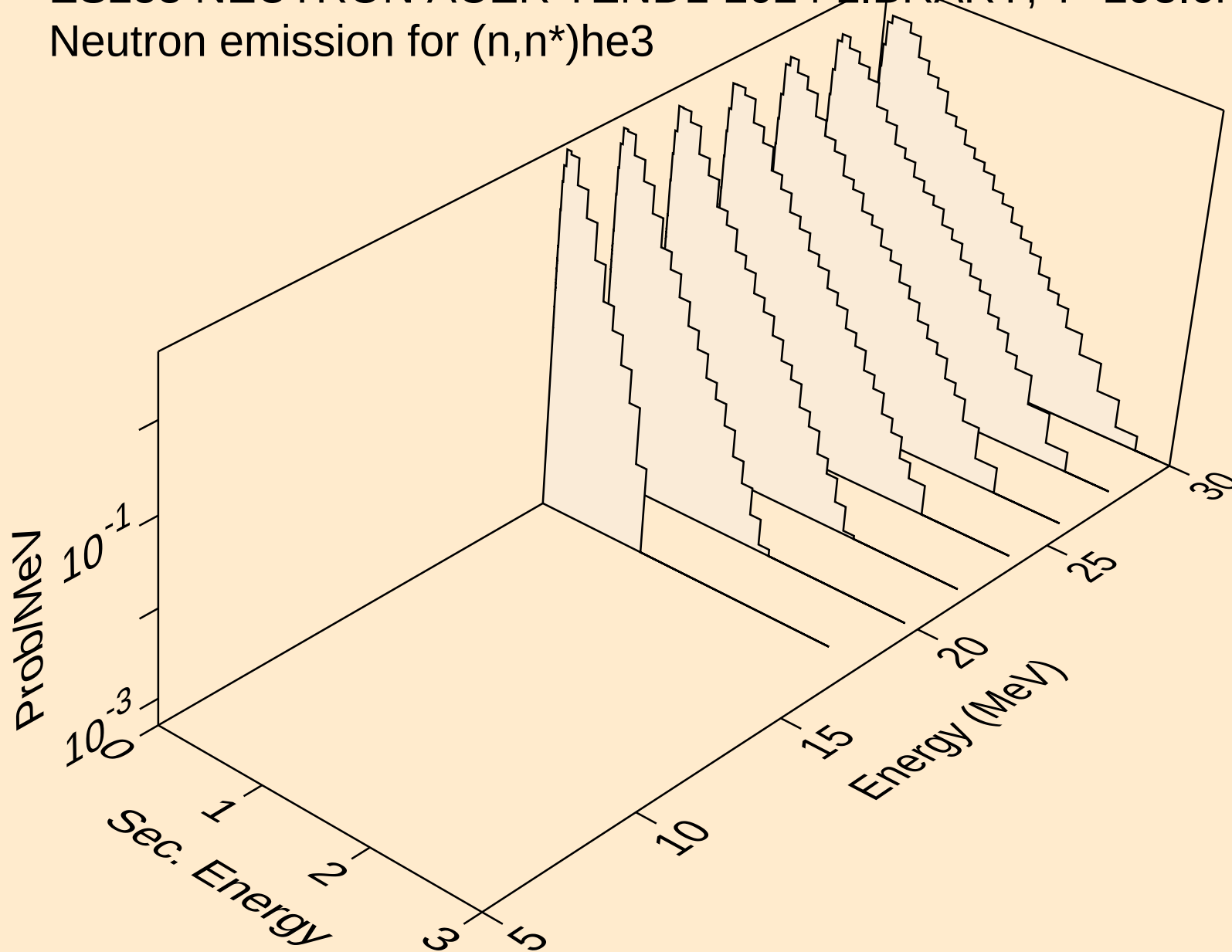
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Neutron emission for (n,n*)t

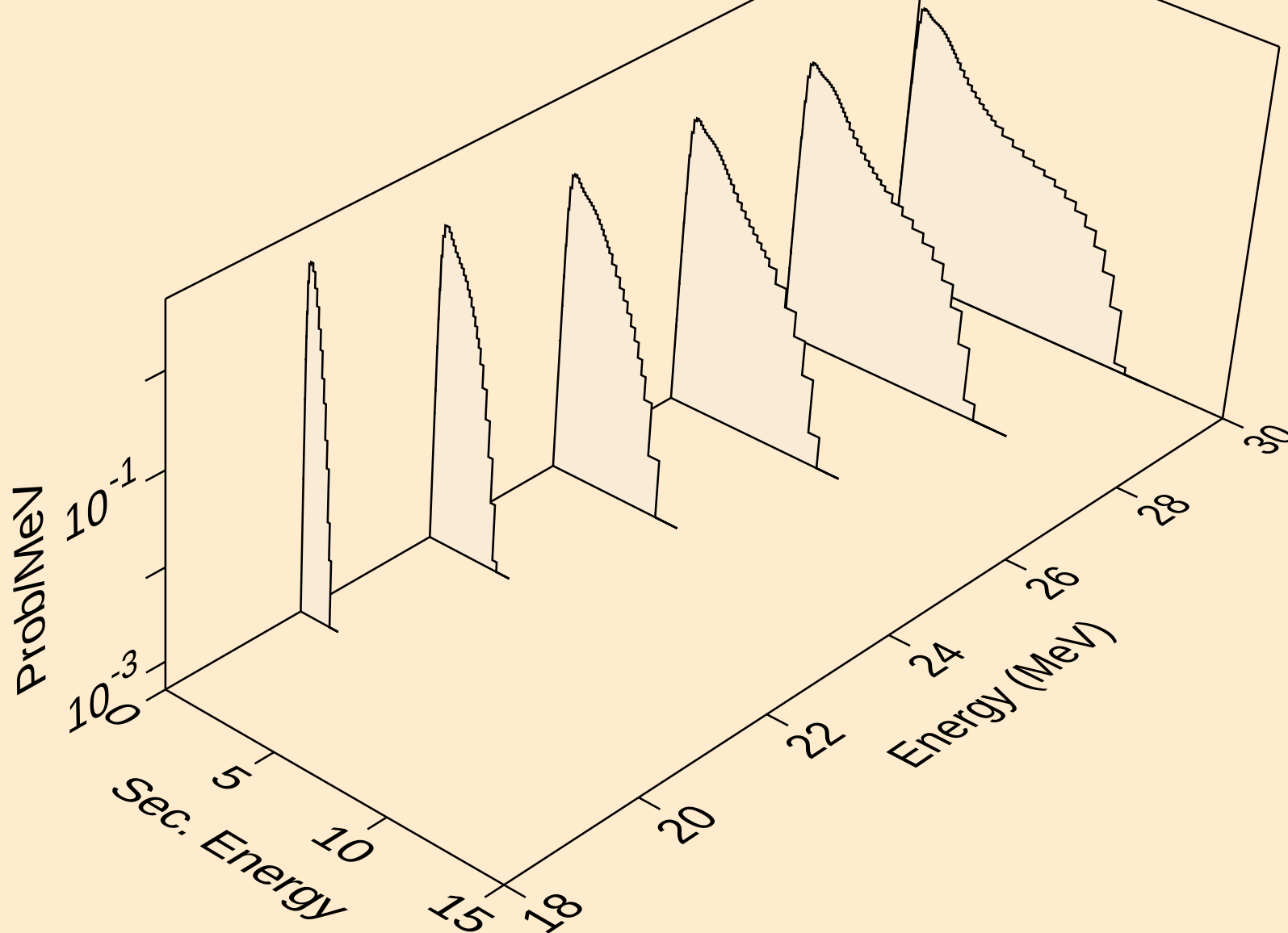


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

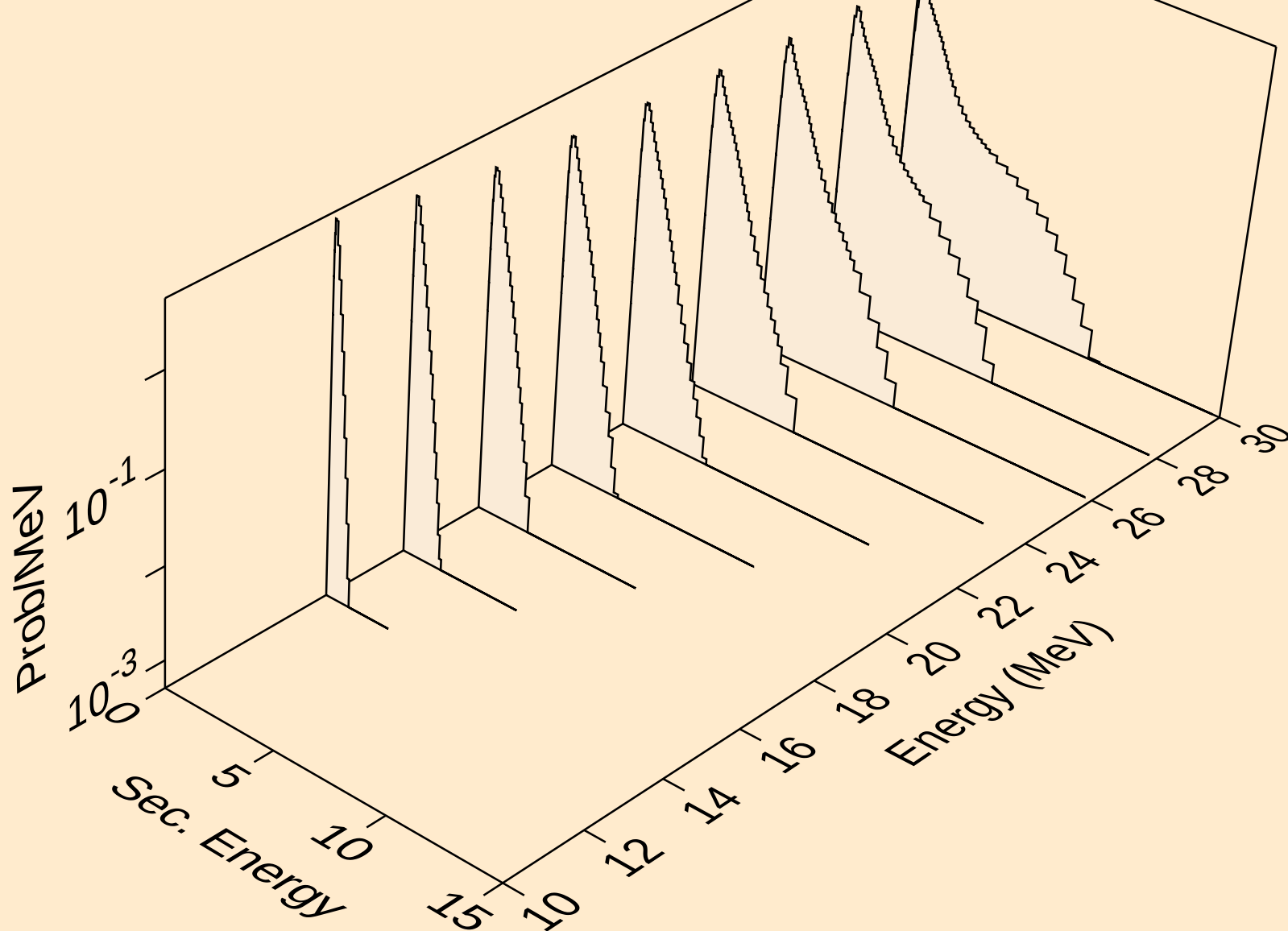
Neutron emission for (n,n*)he3



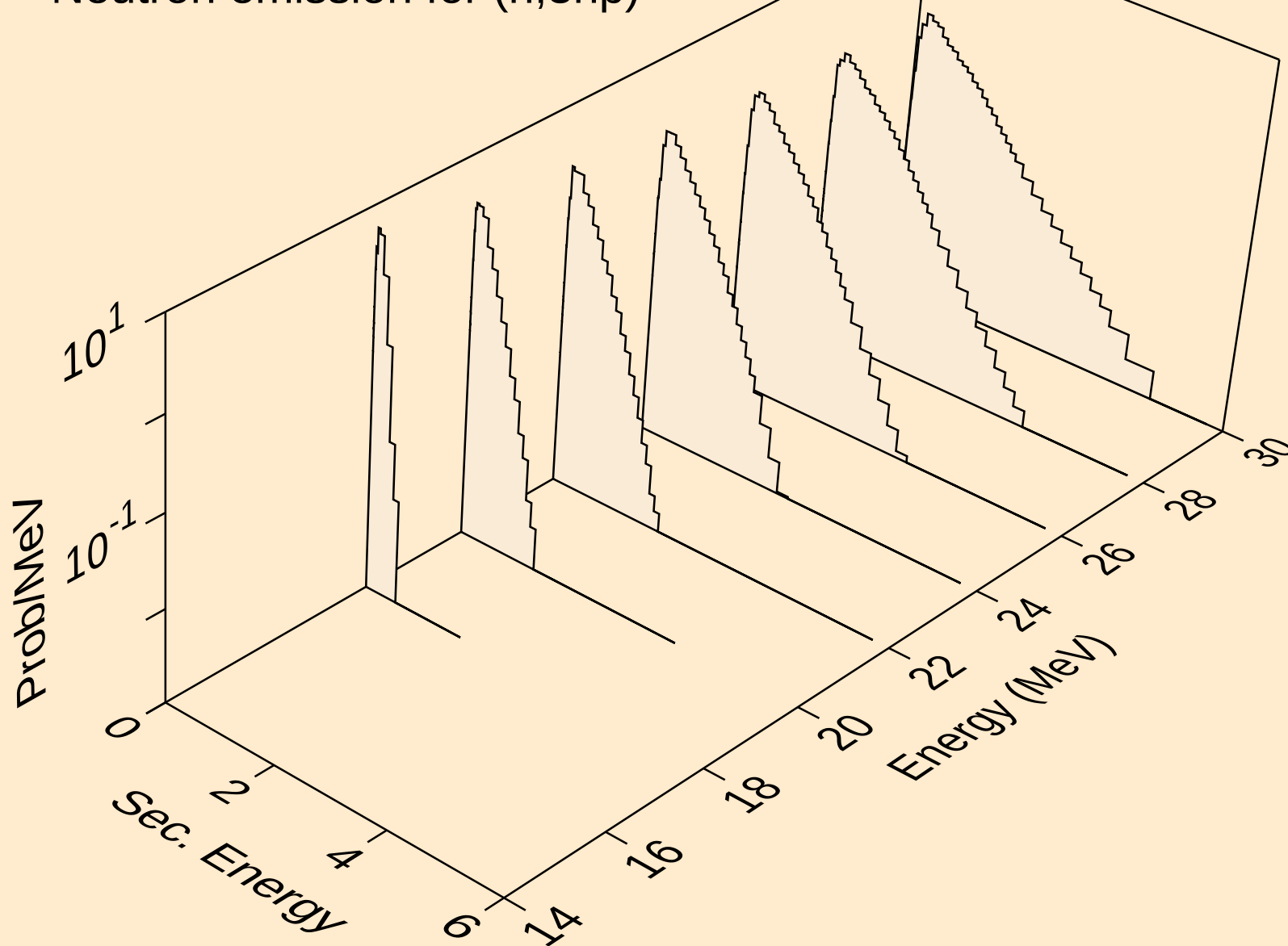
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,4n)



ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)

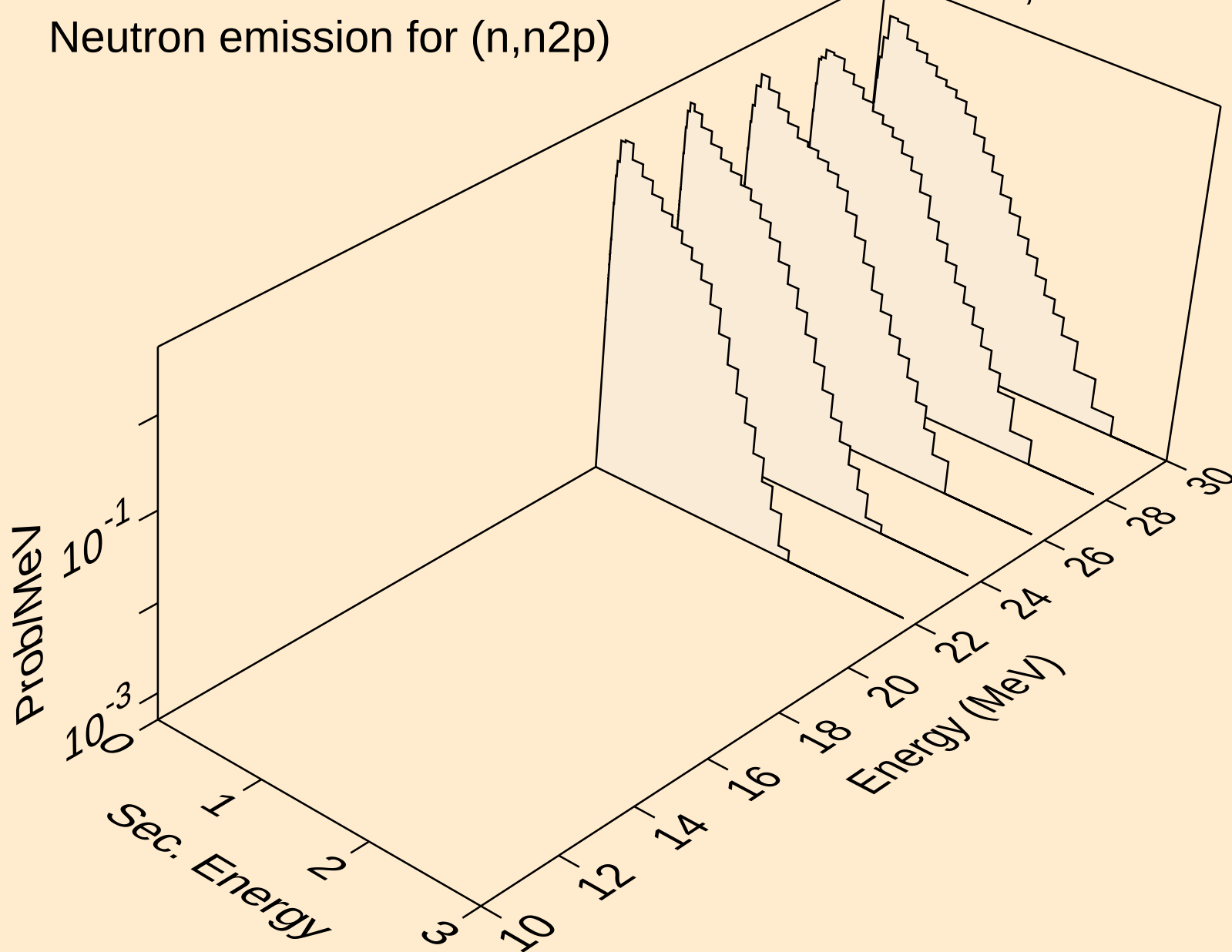


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)

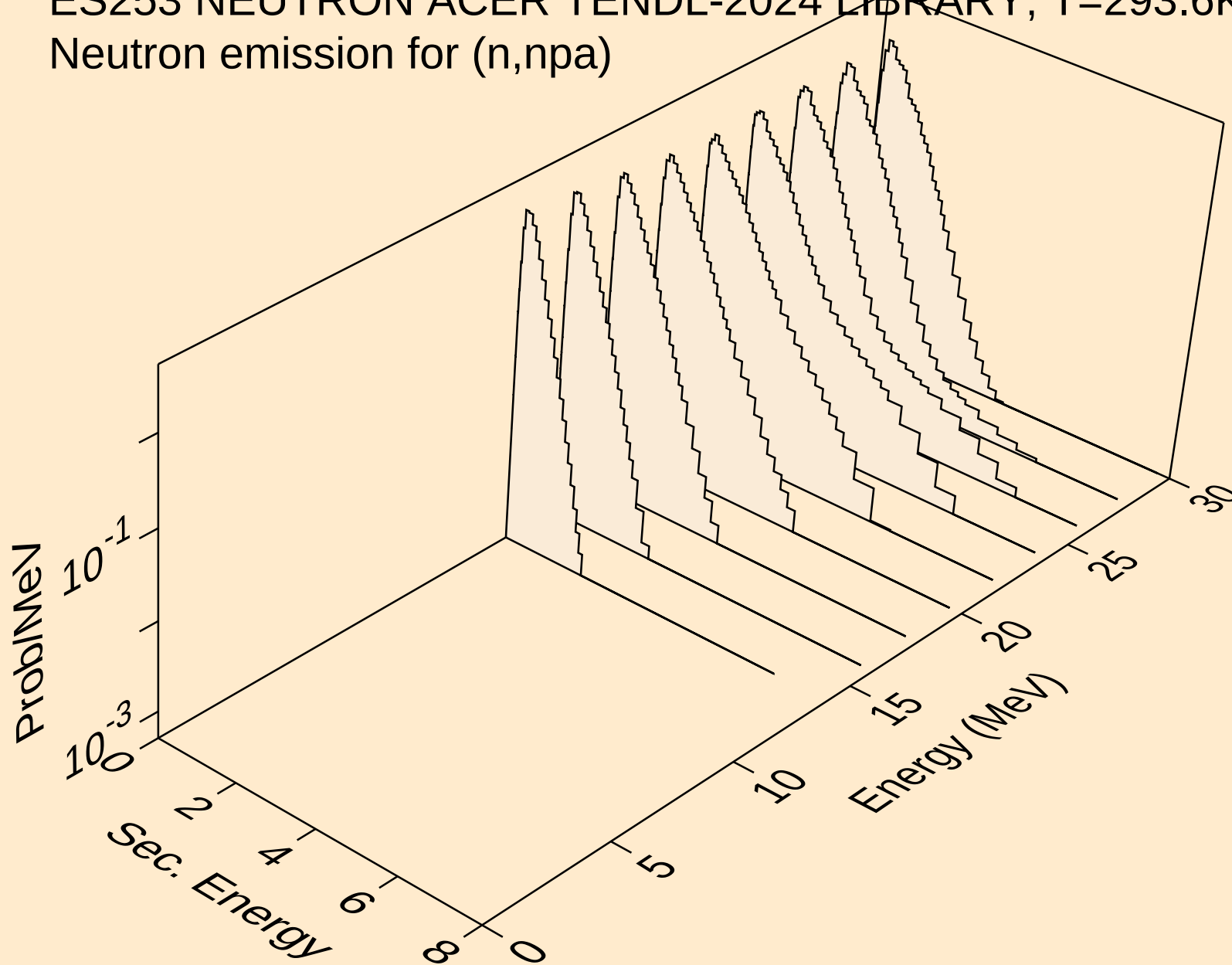


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

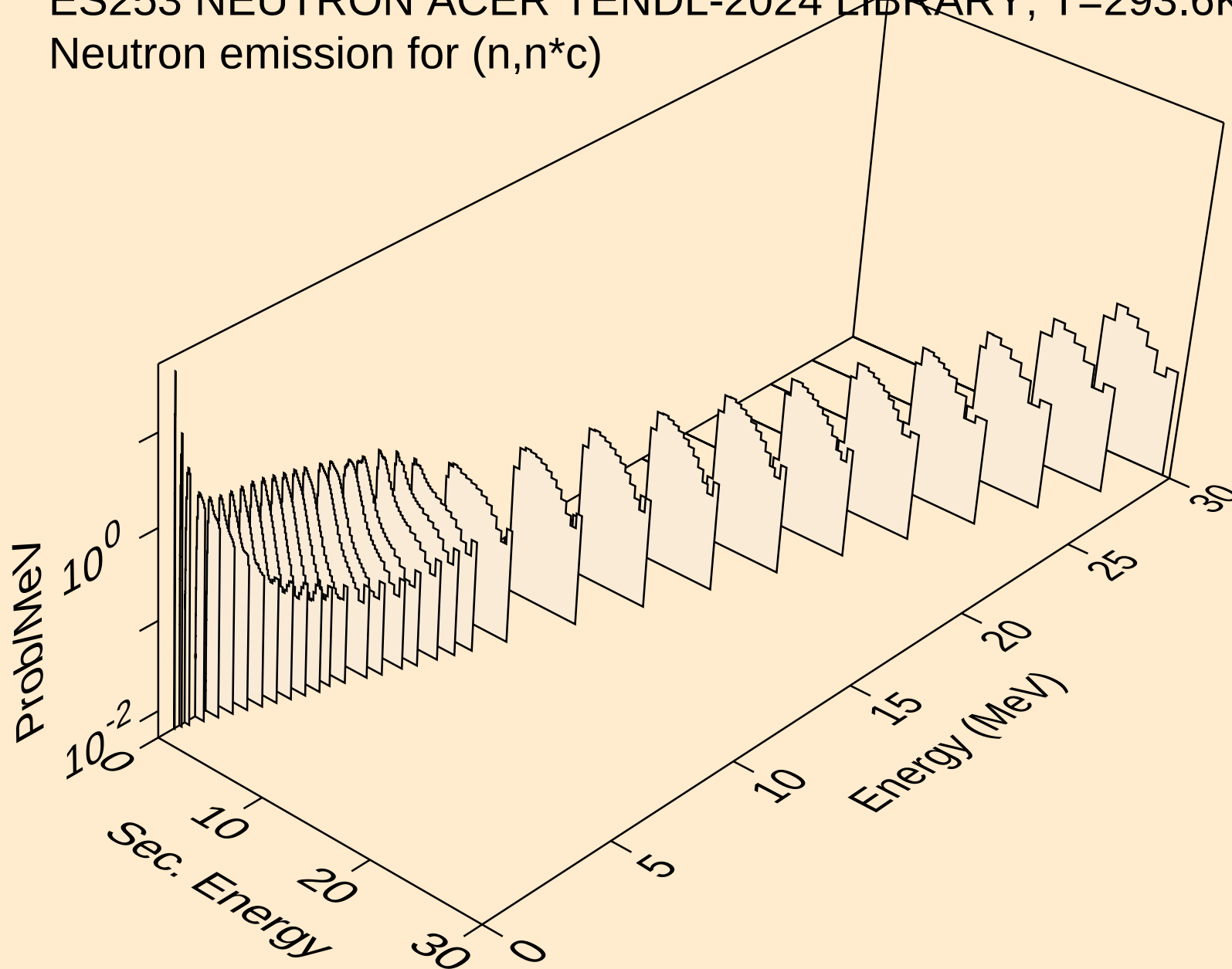
Neutron emission for (n,n2p)



ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)

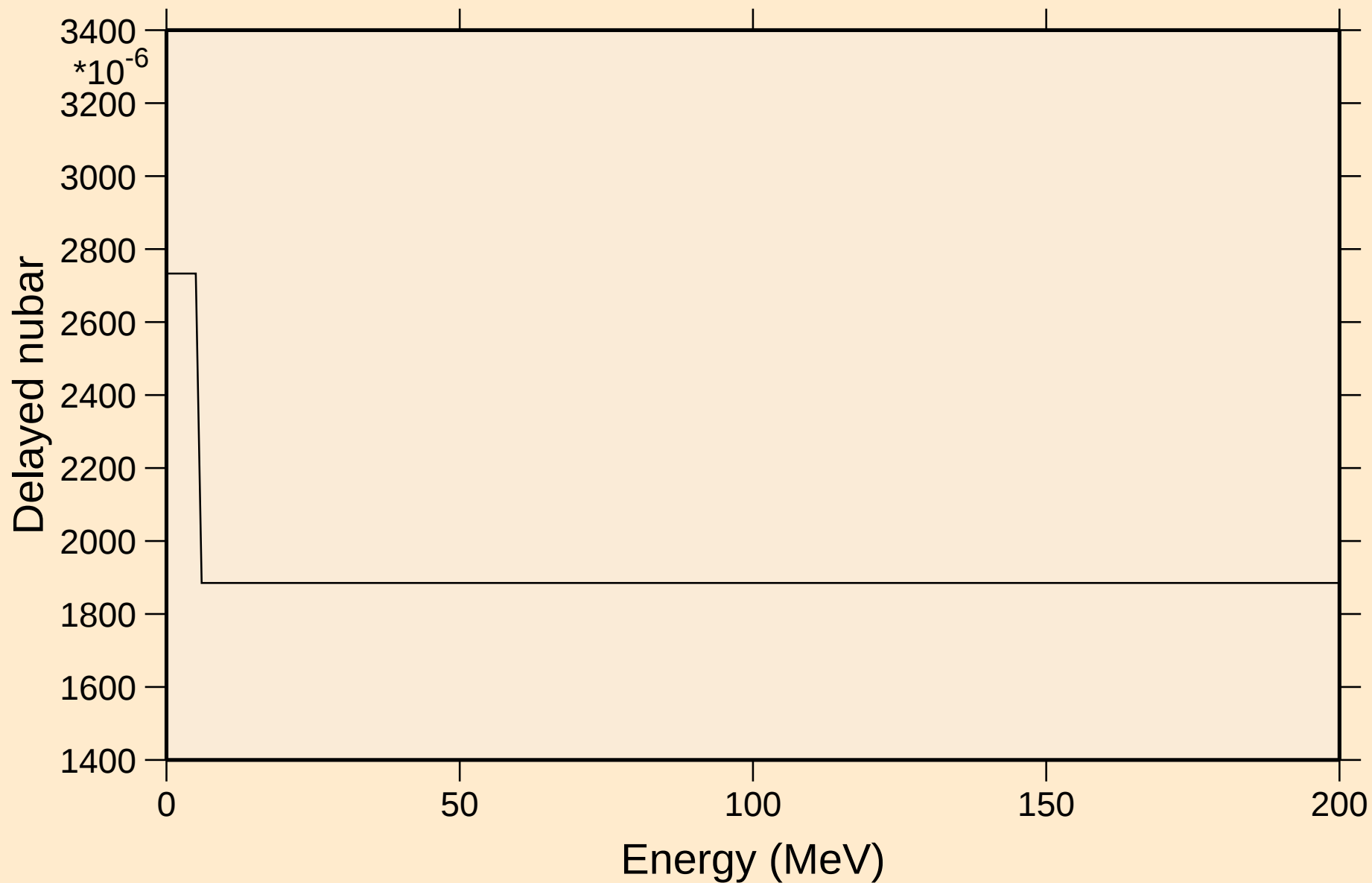


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



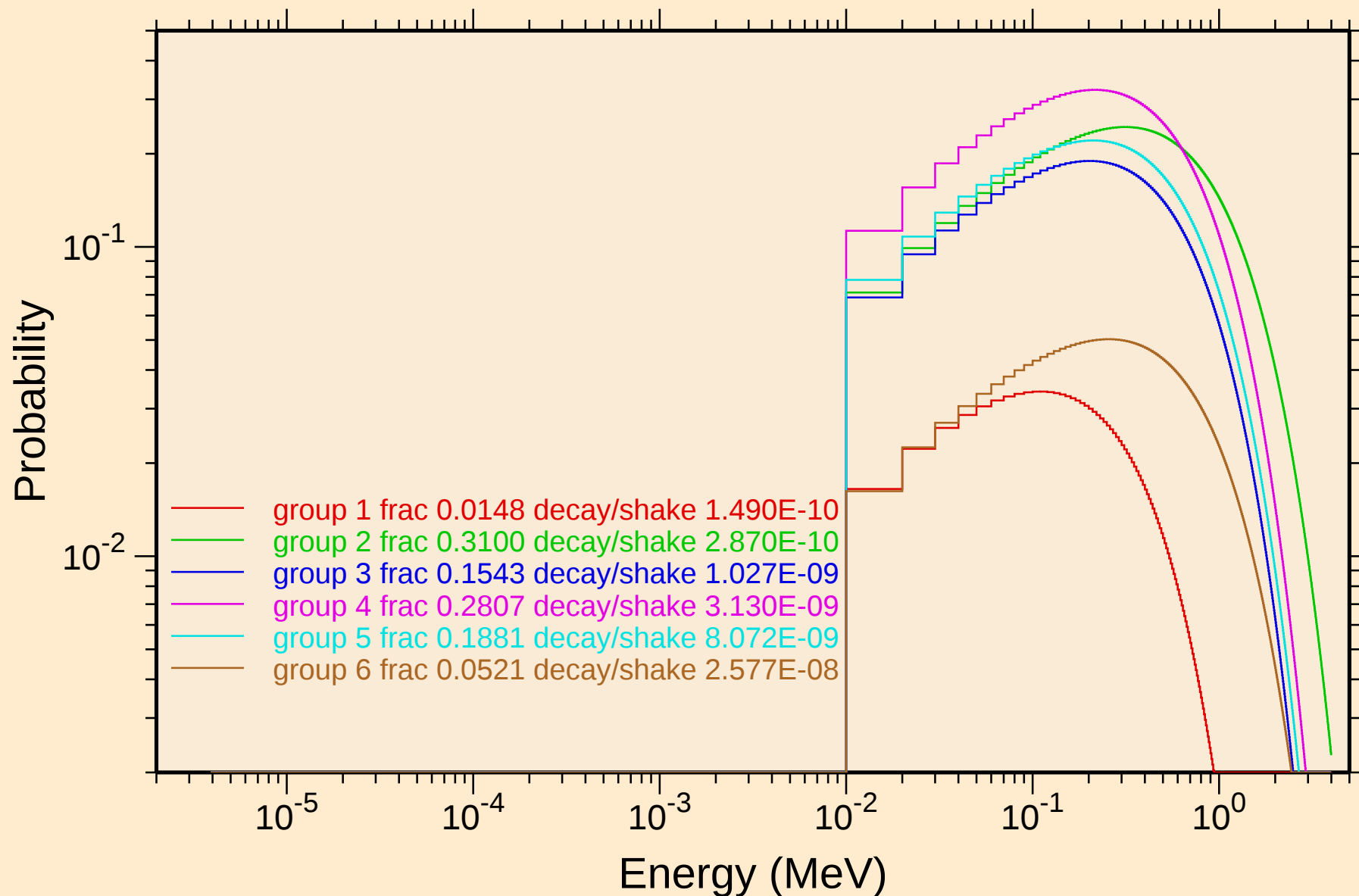
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Delayed nubar

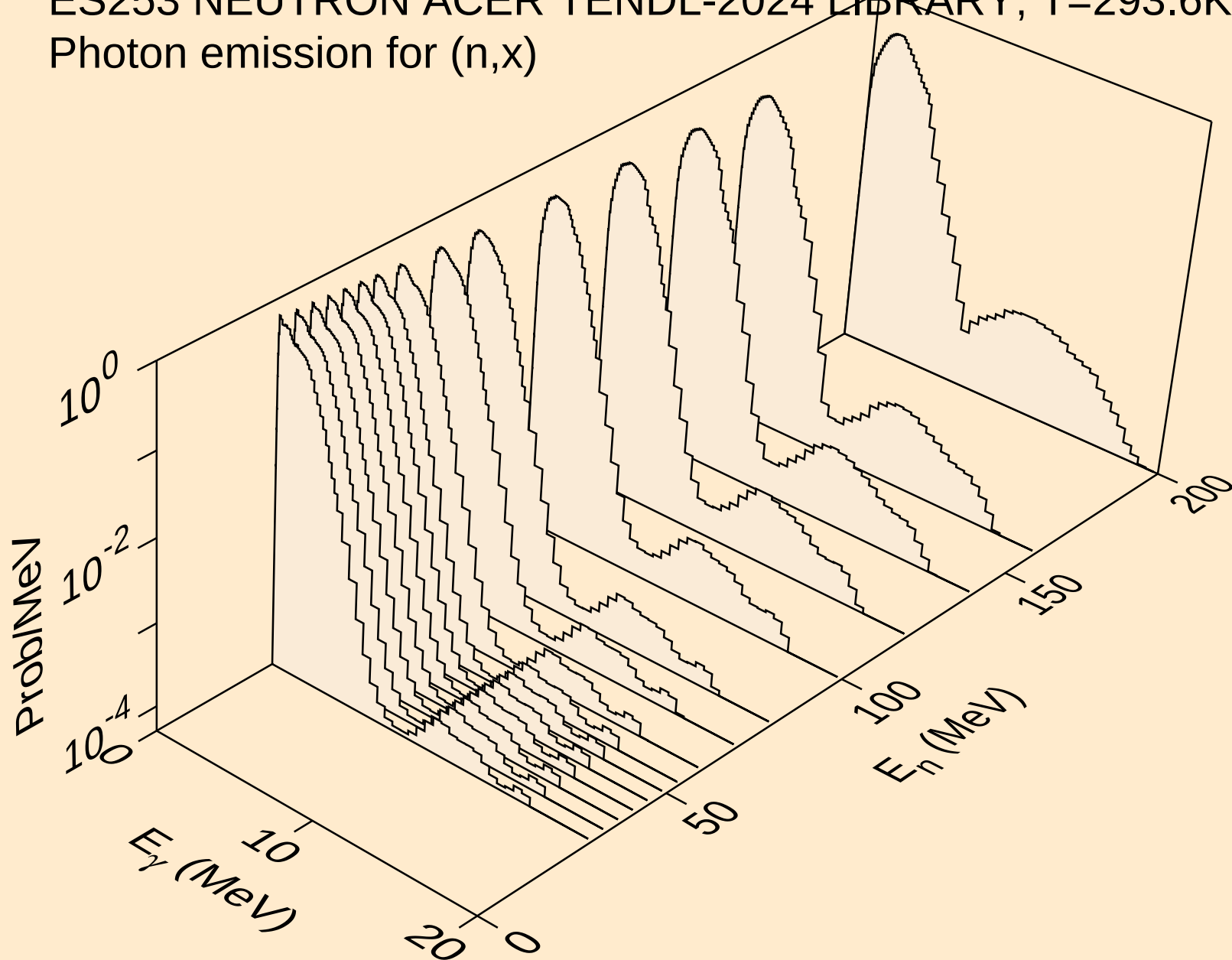


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

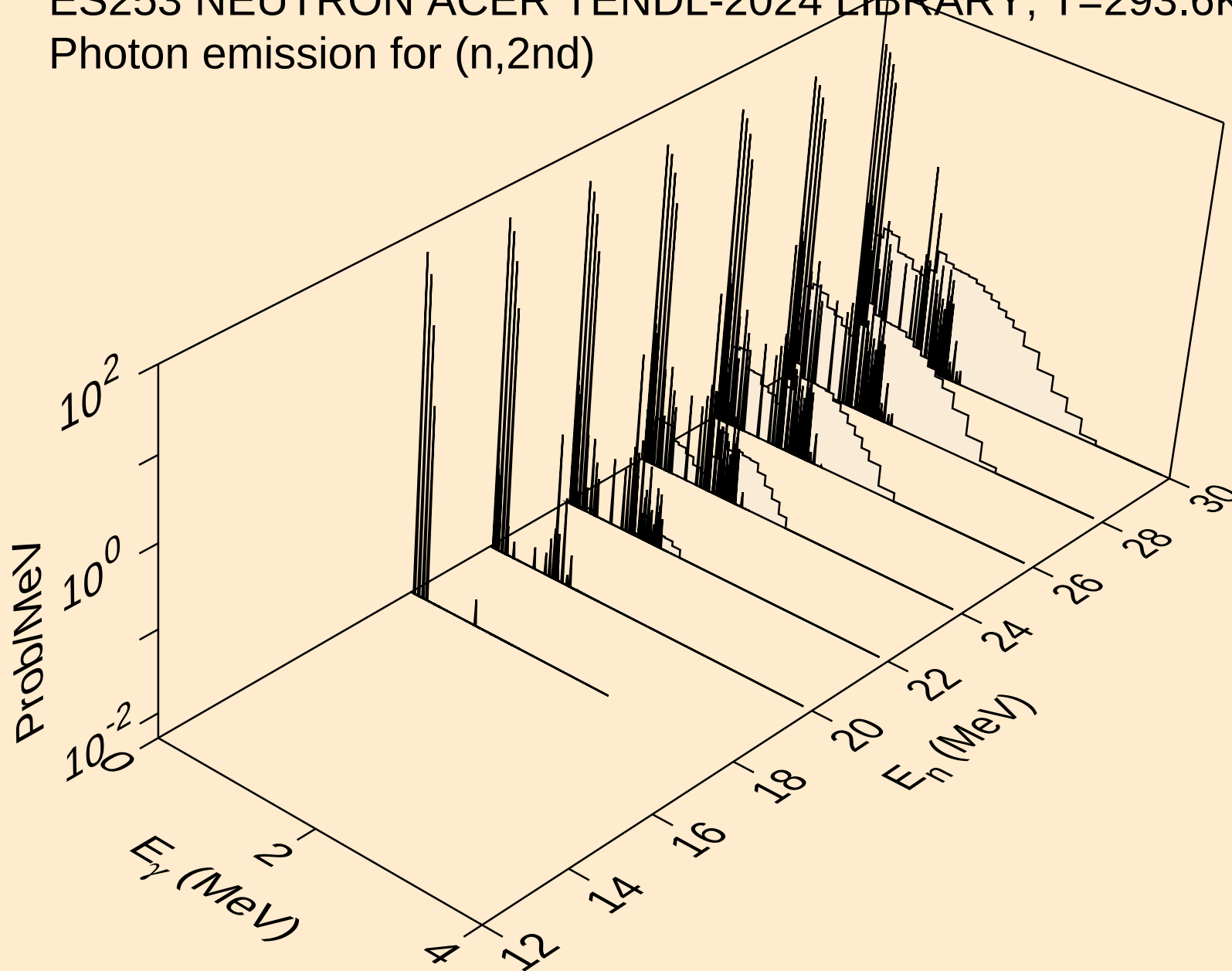
Delayed neutron spectra



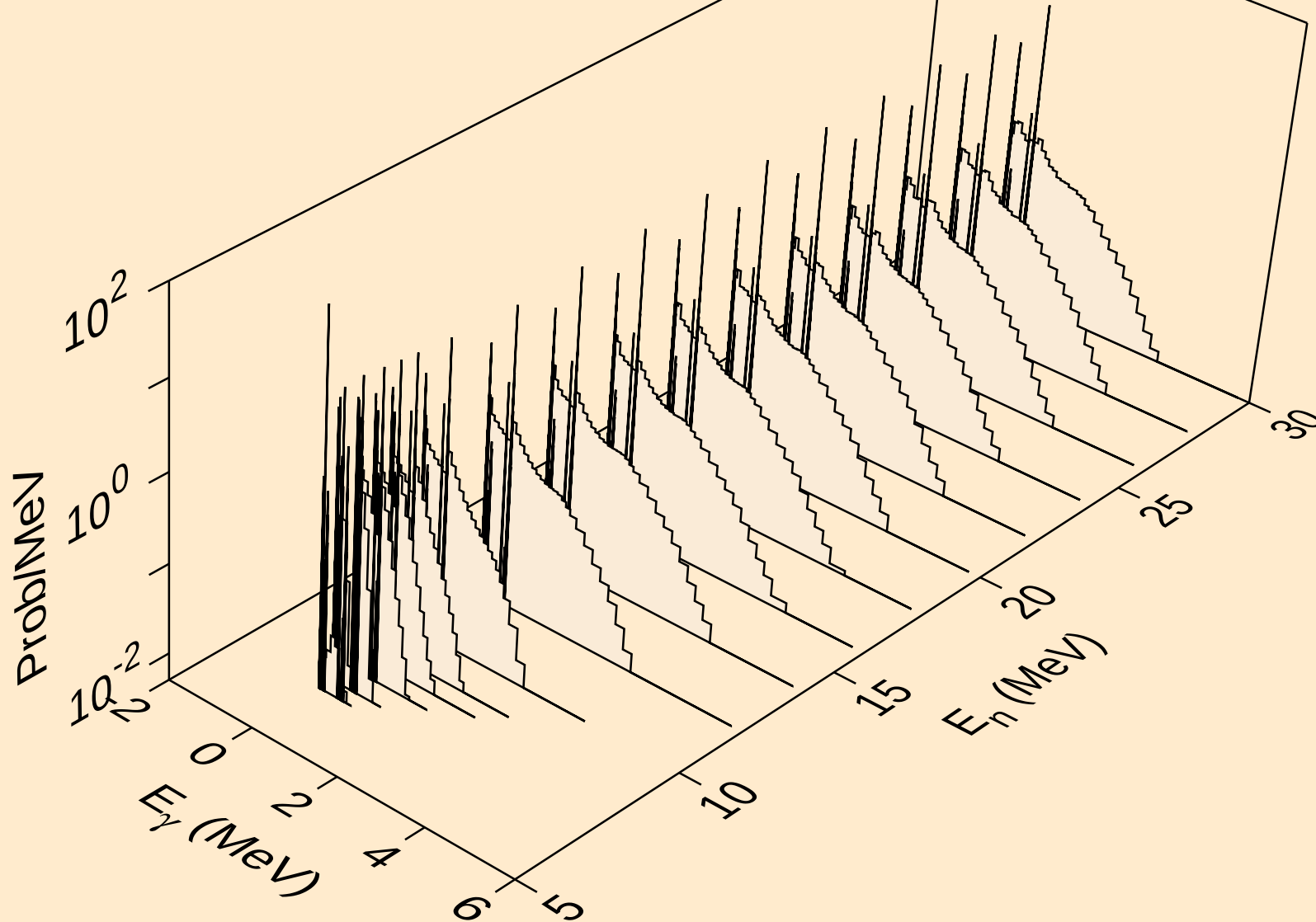
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



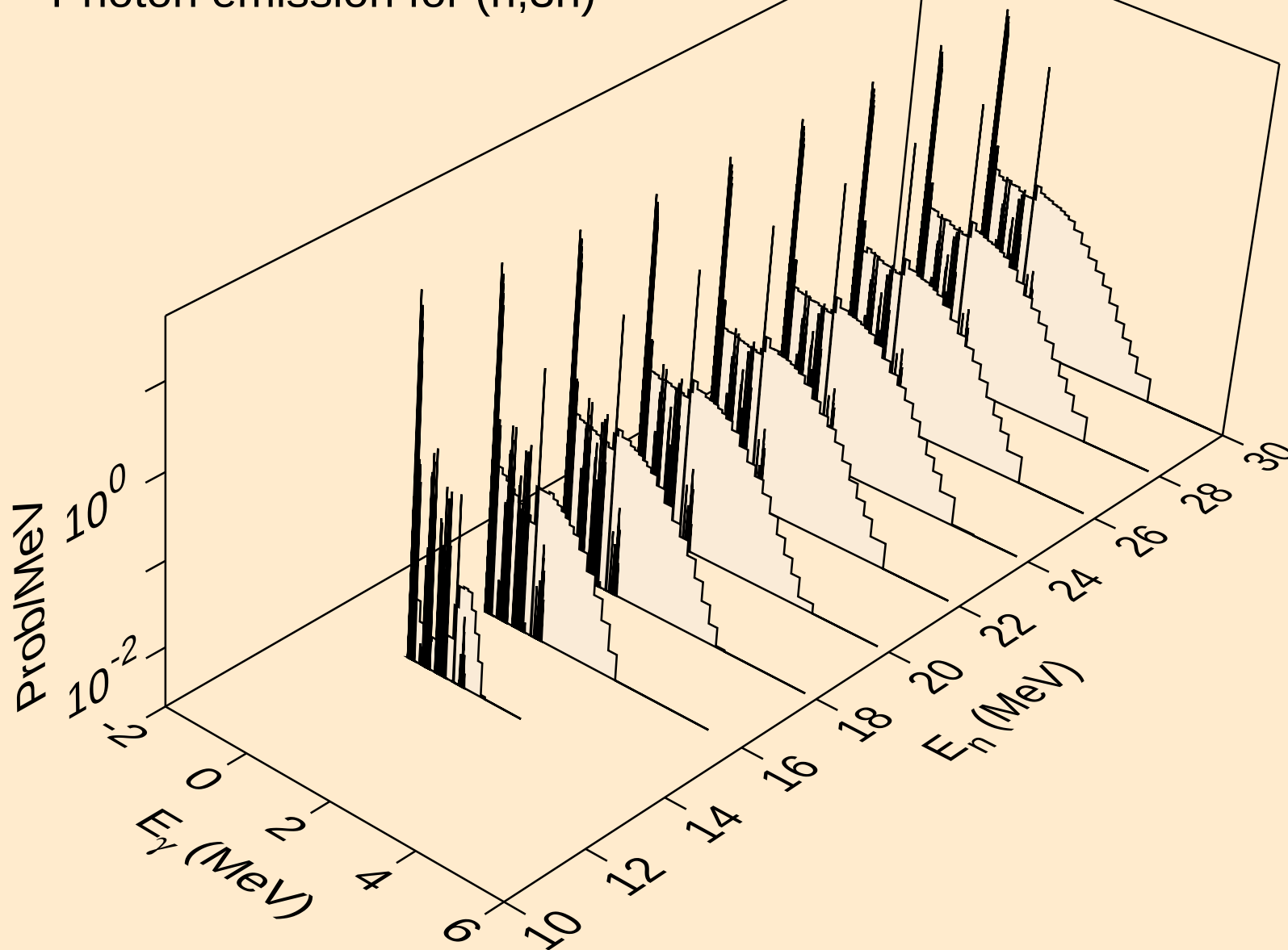
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)

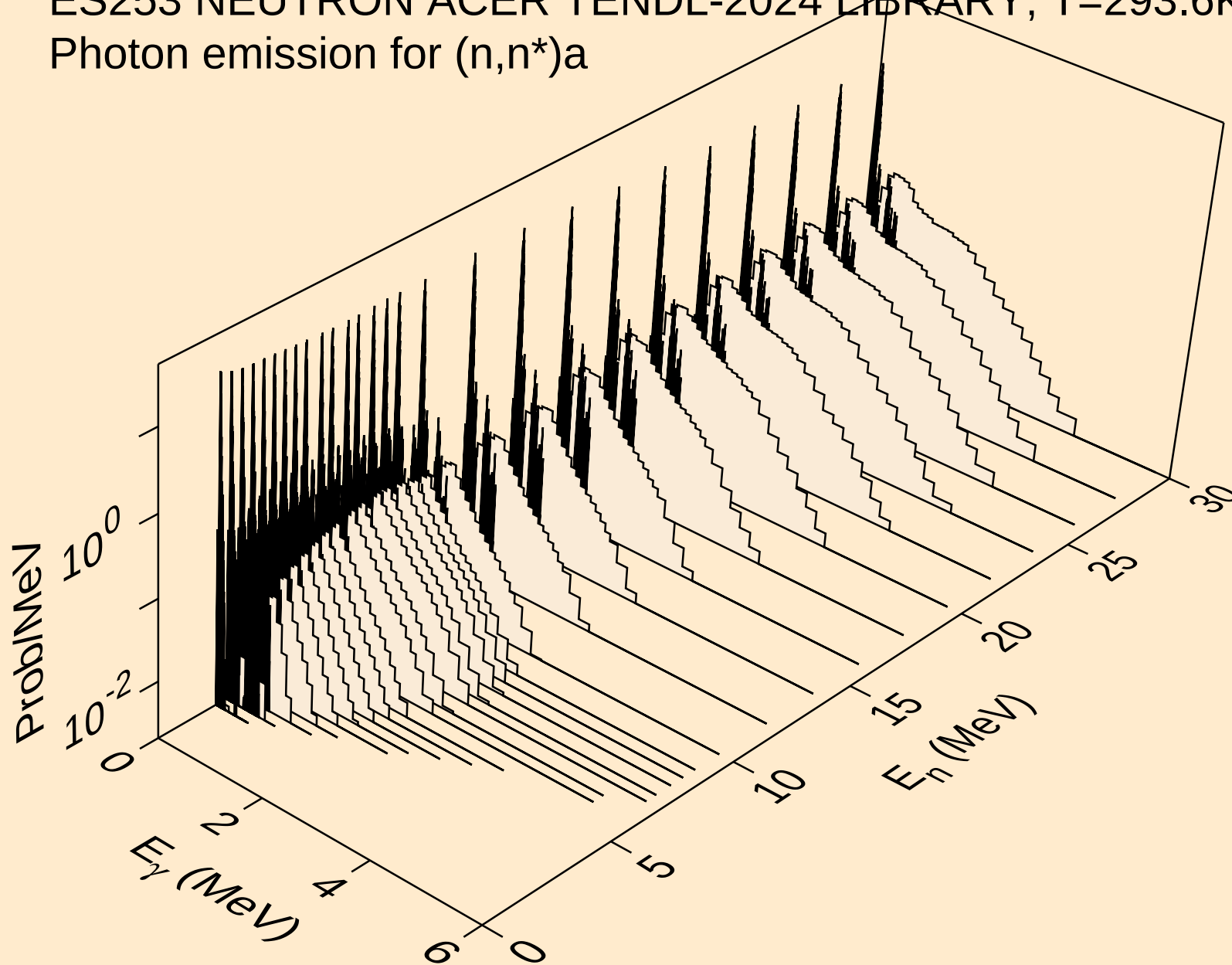


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



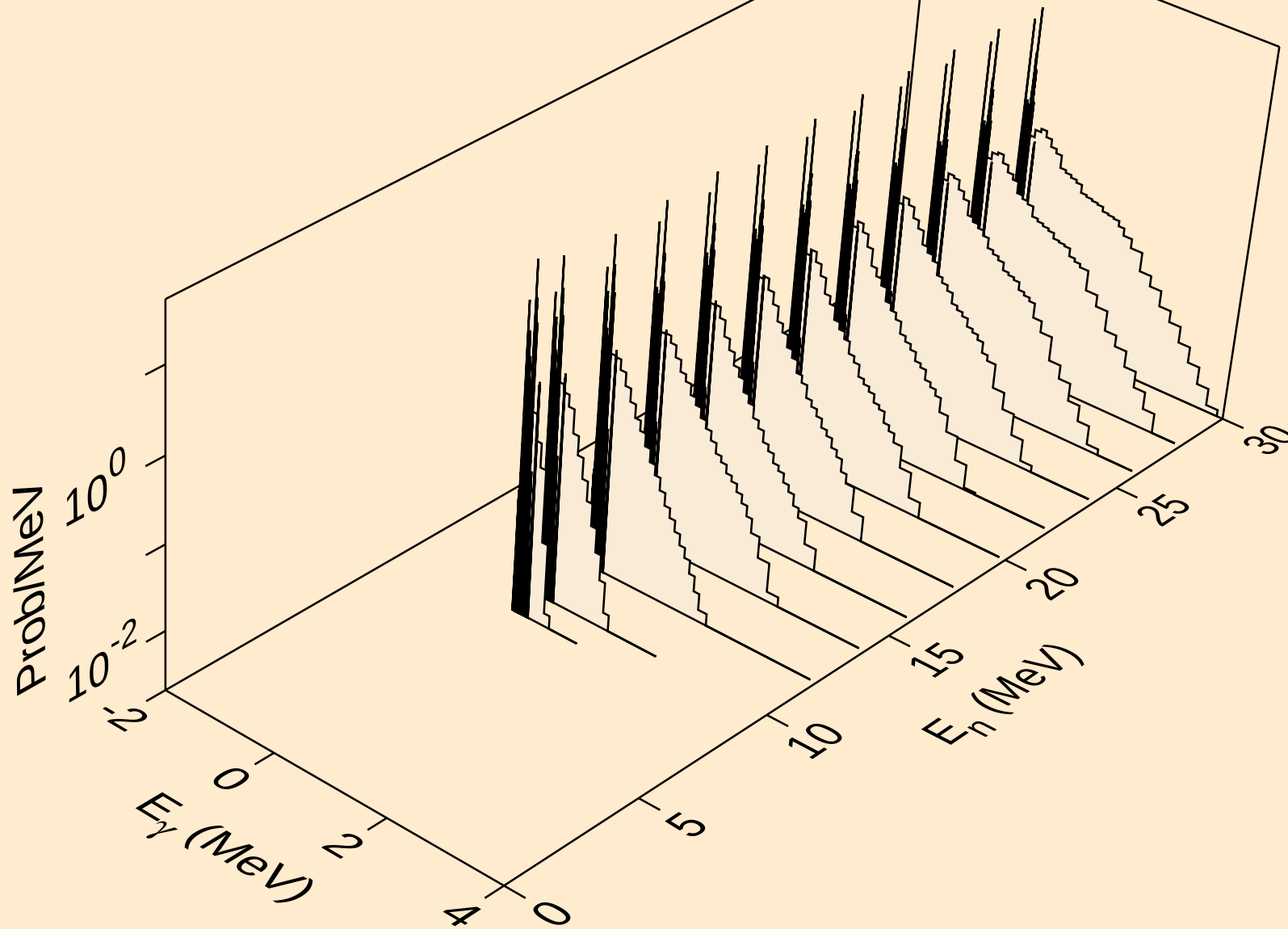
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n*)a



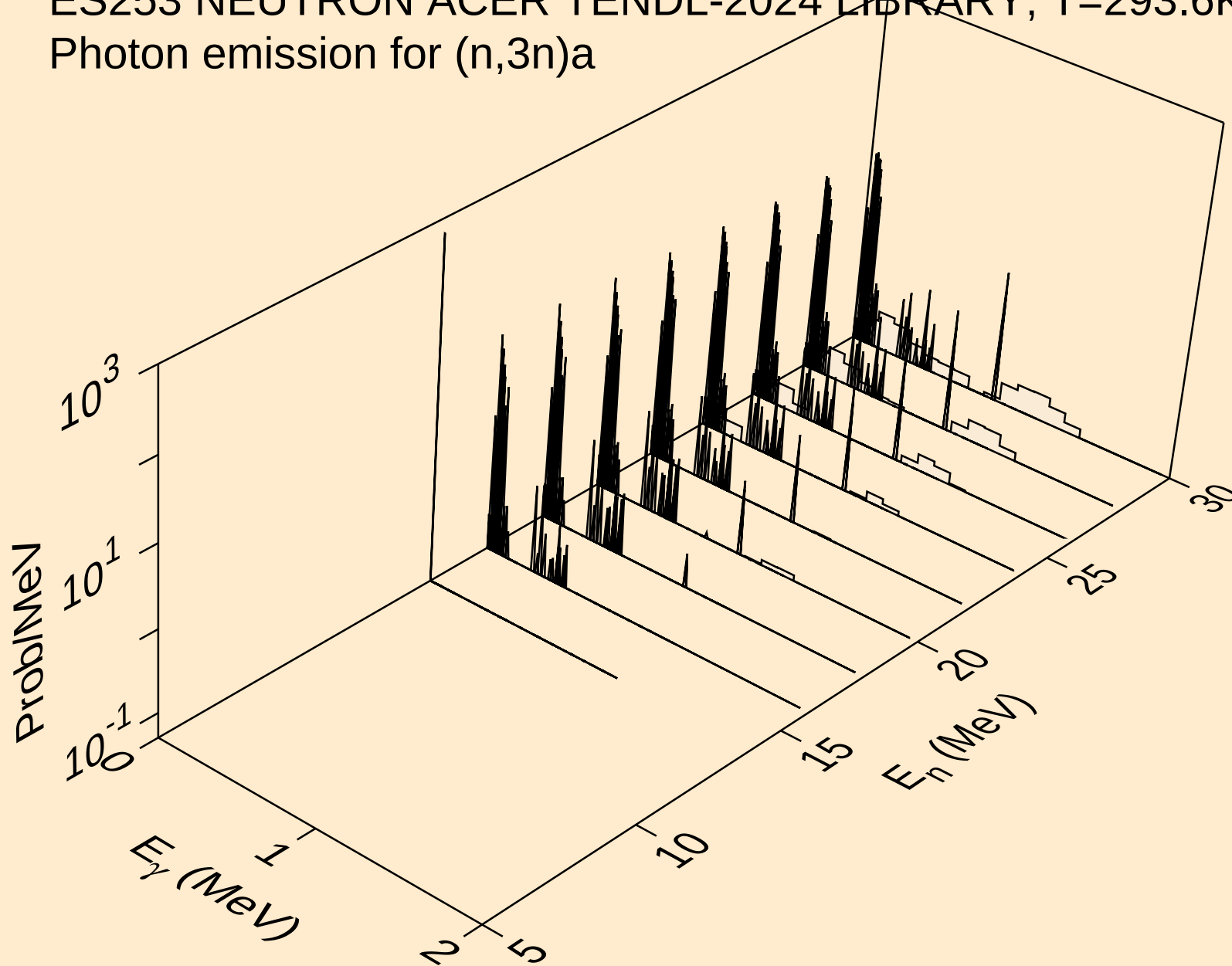
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,2n) α



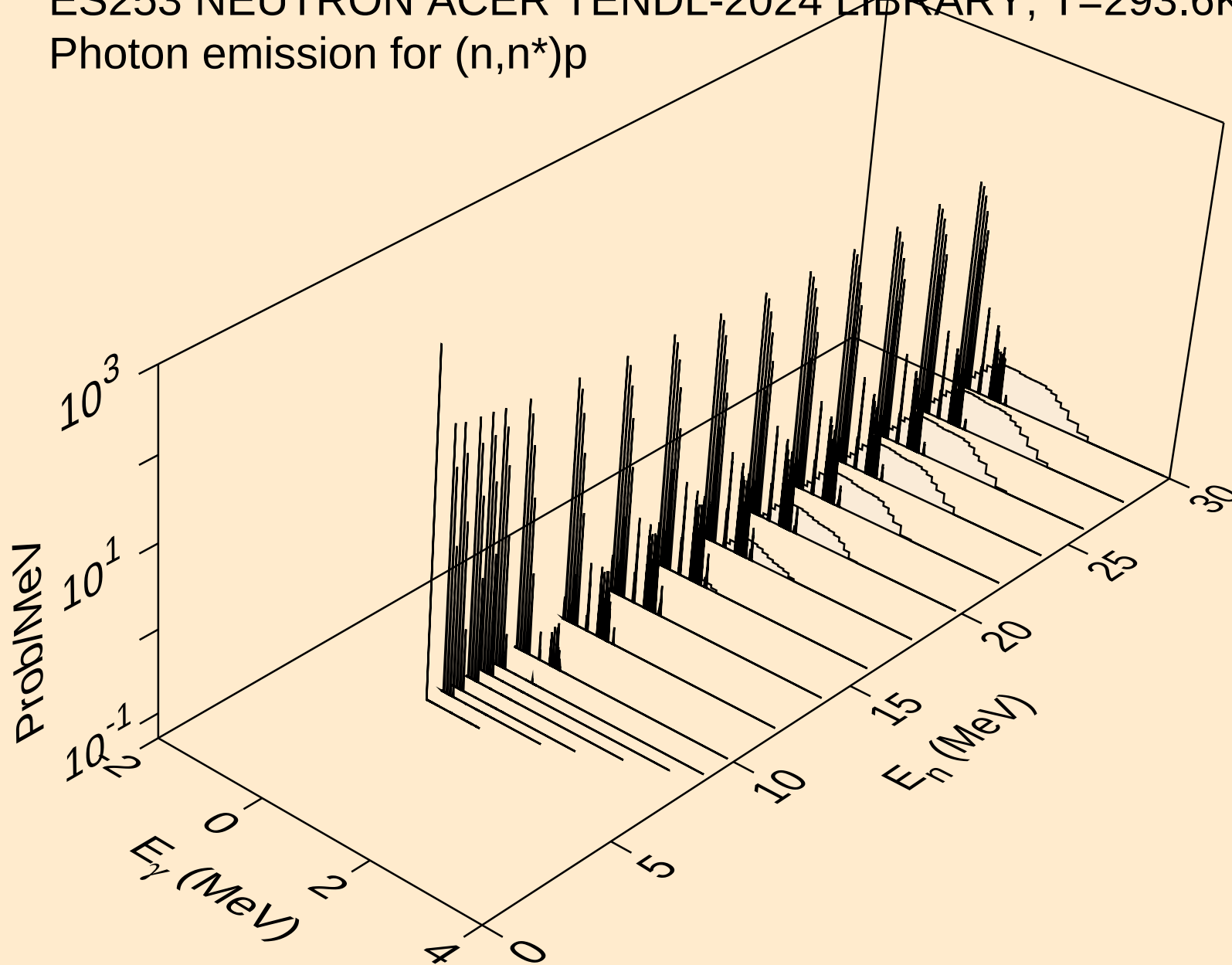
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,3n) α



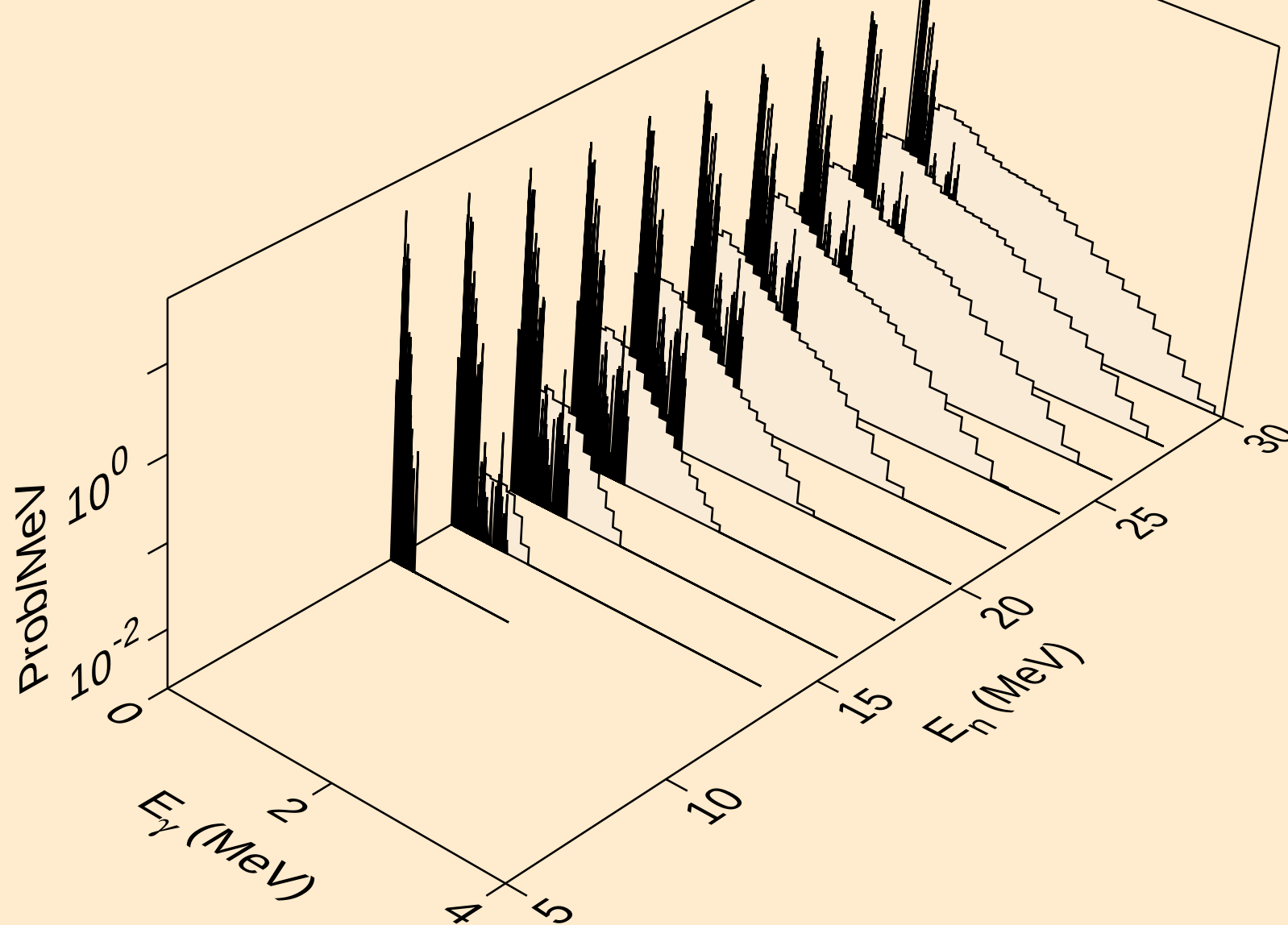
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n*)p



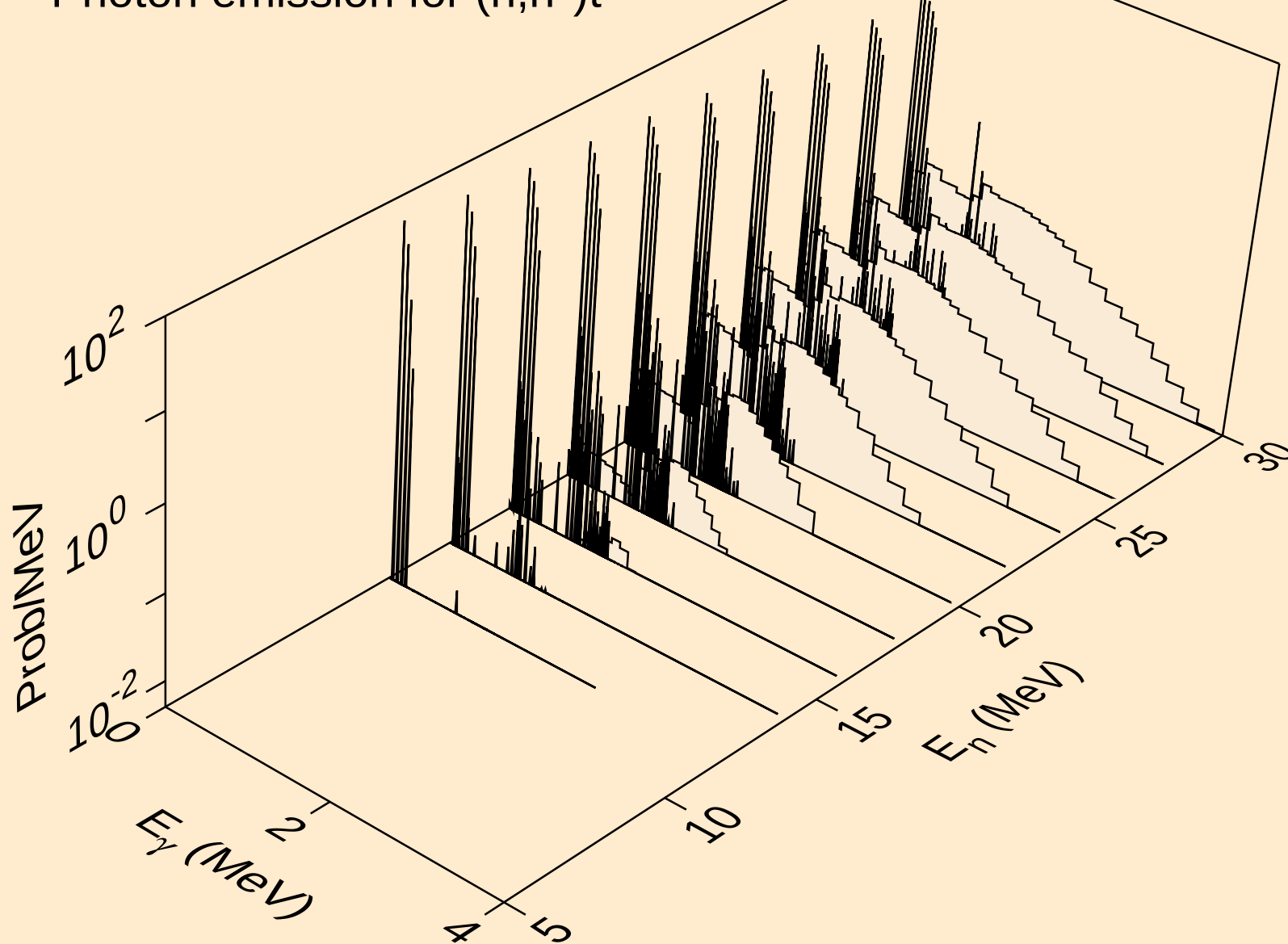
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n*)d



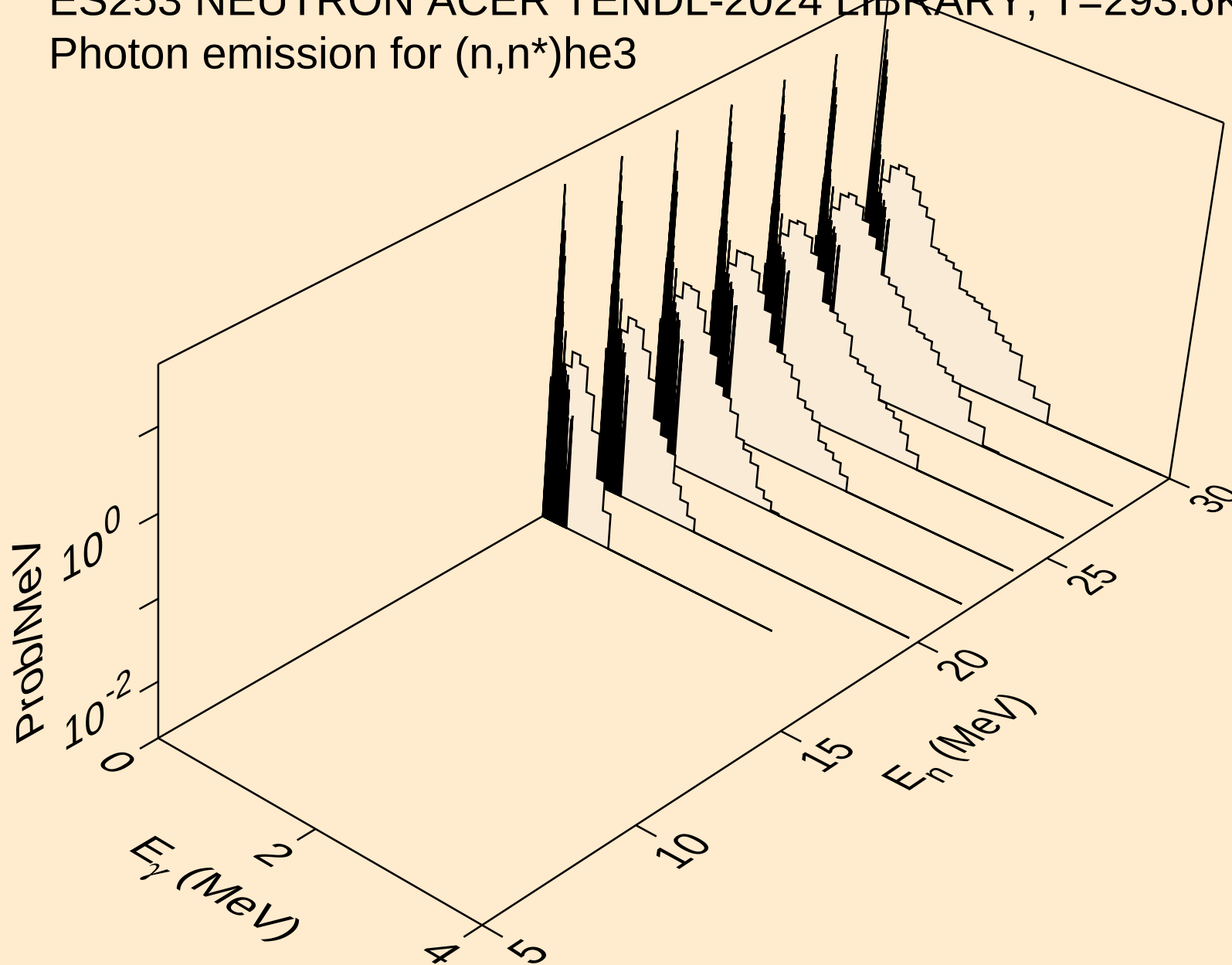
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n*)t

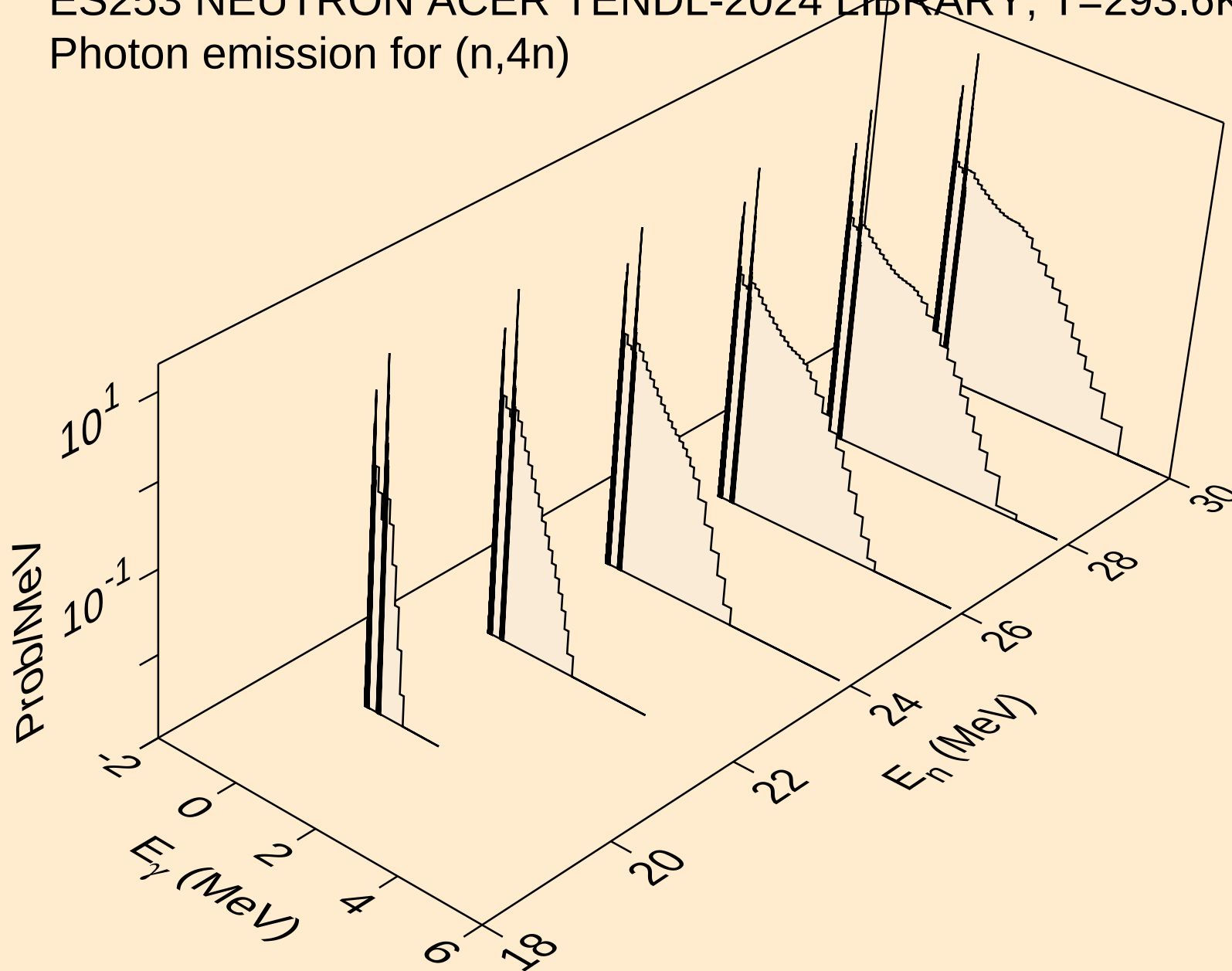


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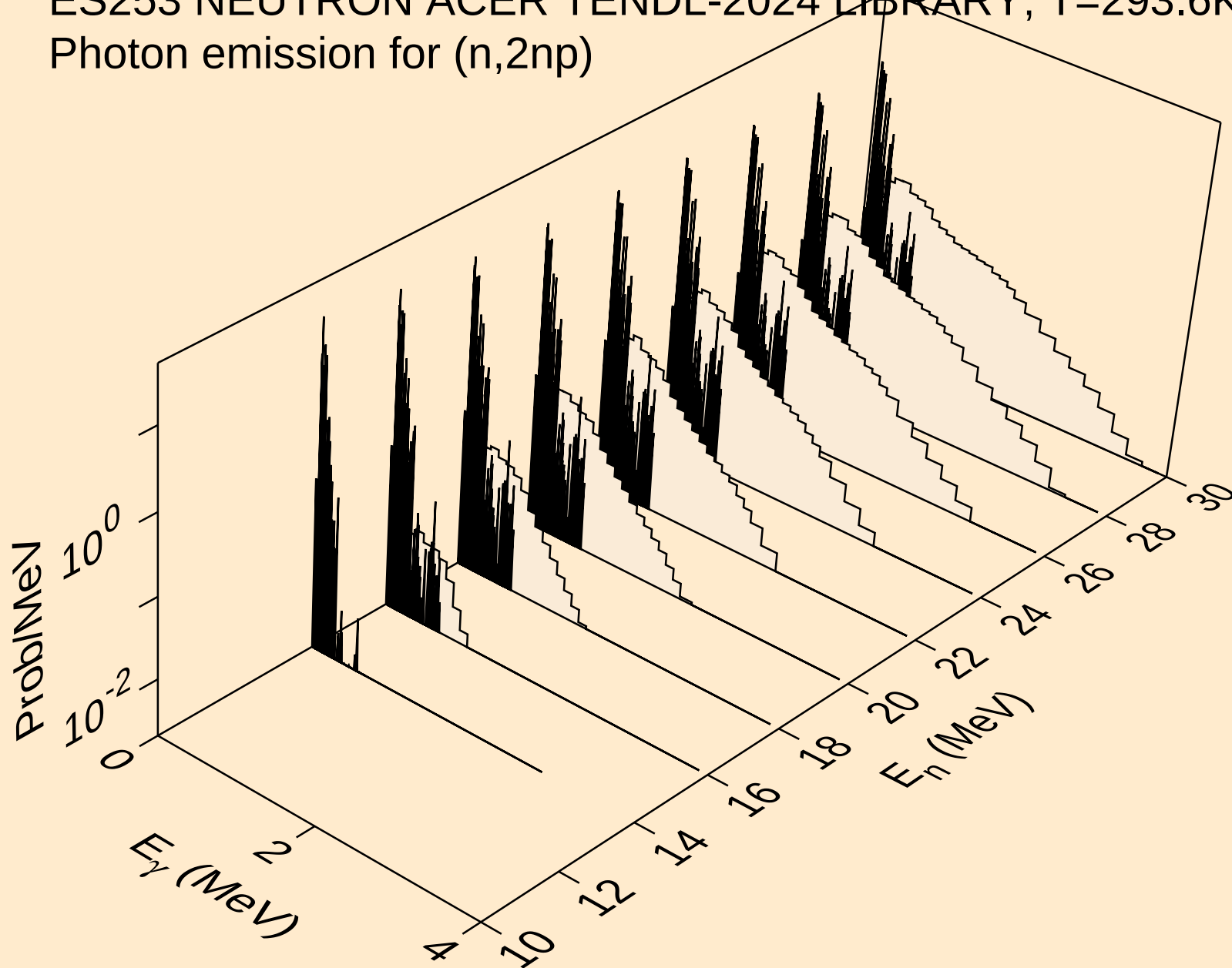
Photon emission for (n,n*)he3



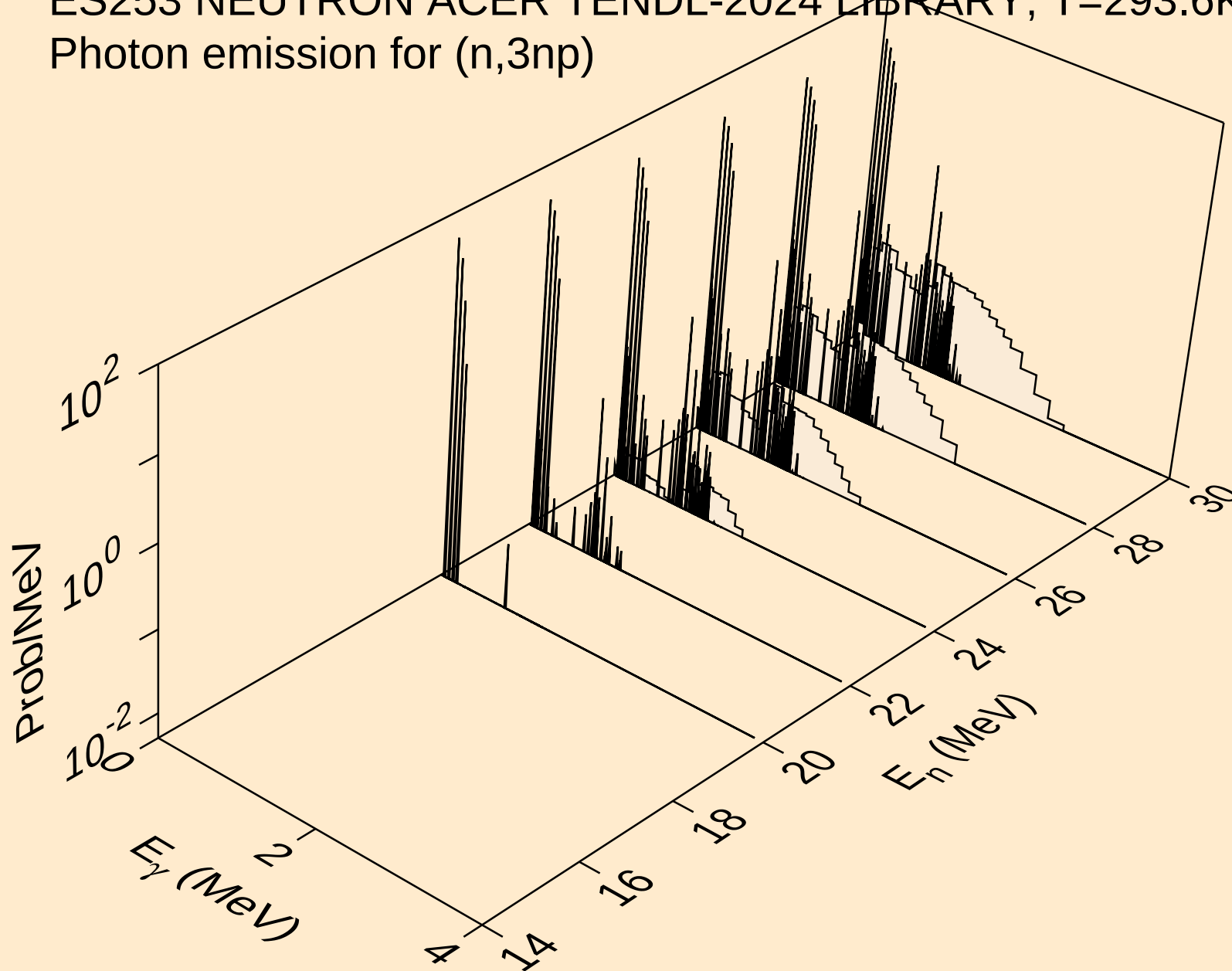
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,4n)



ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)

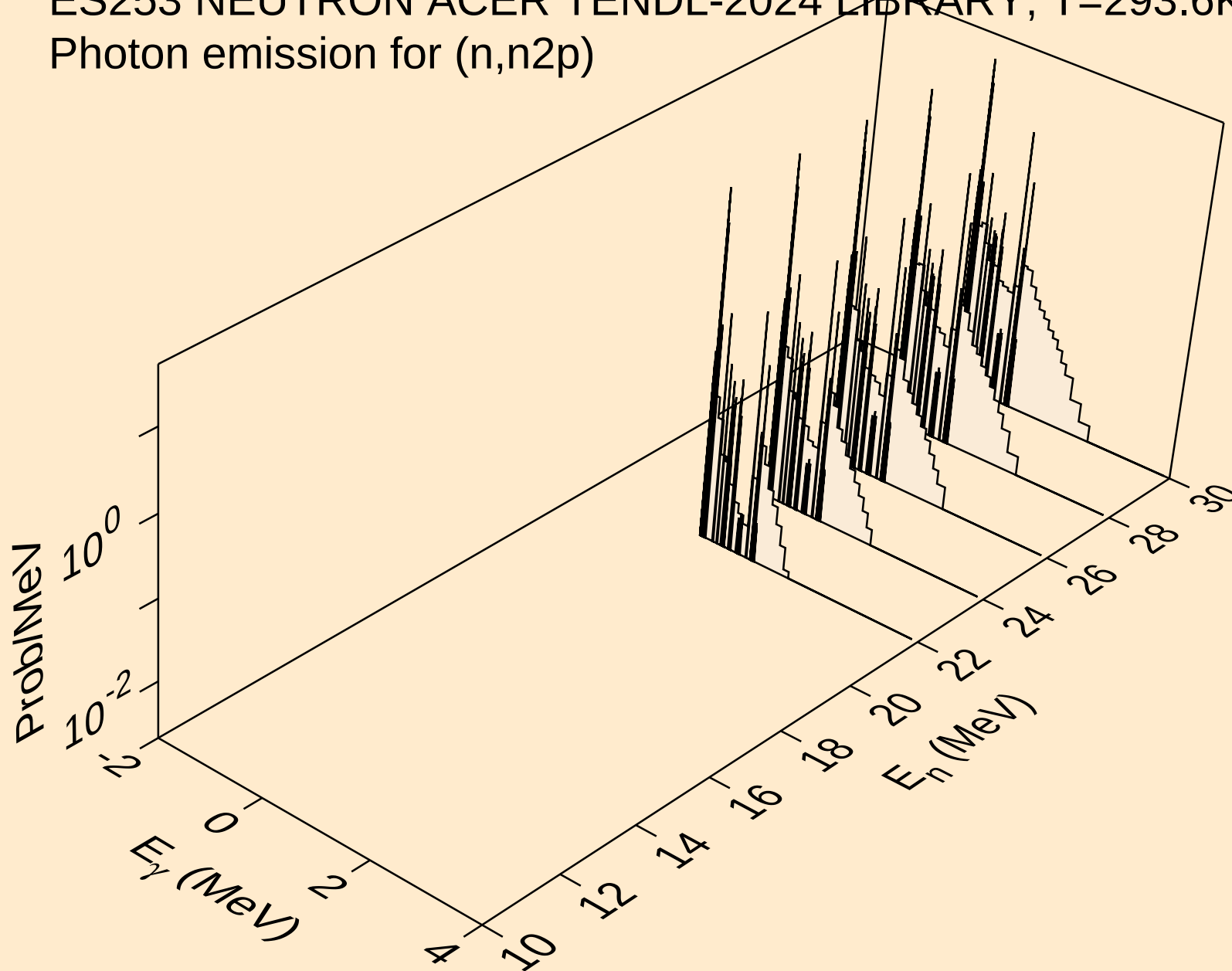


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)

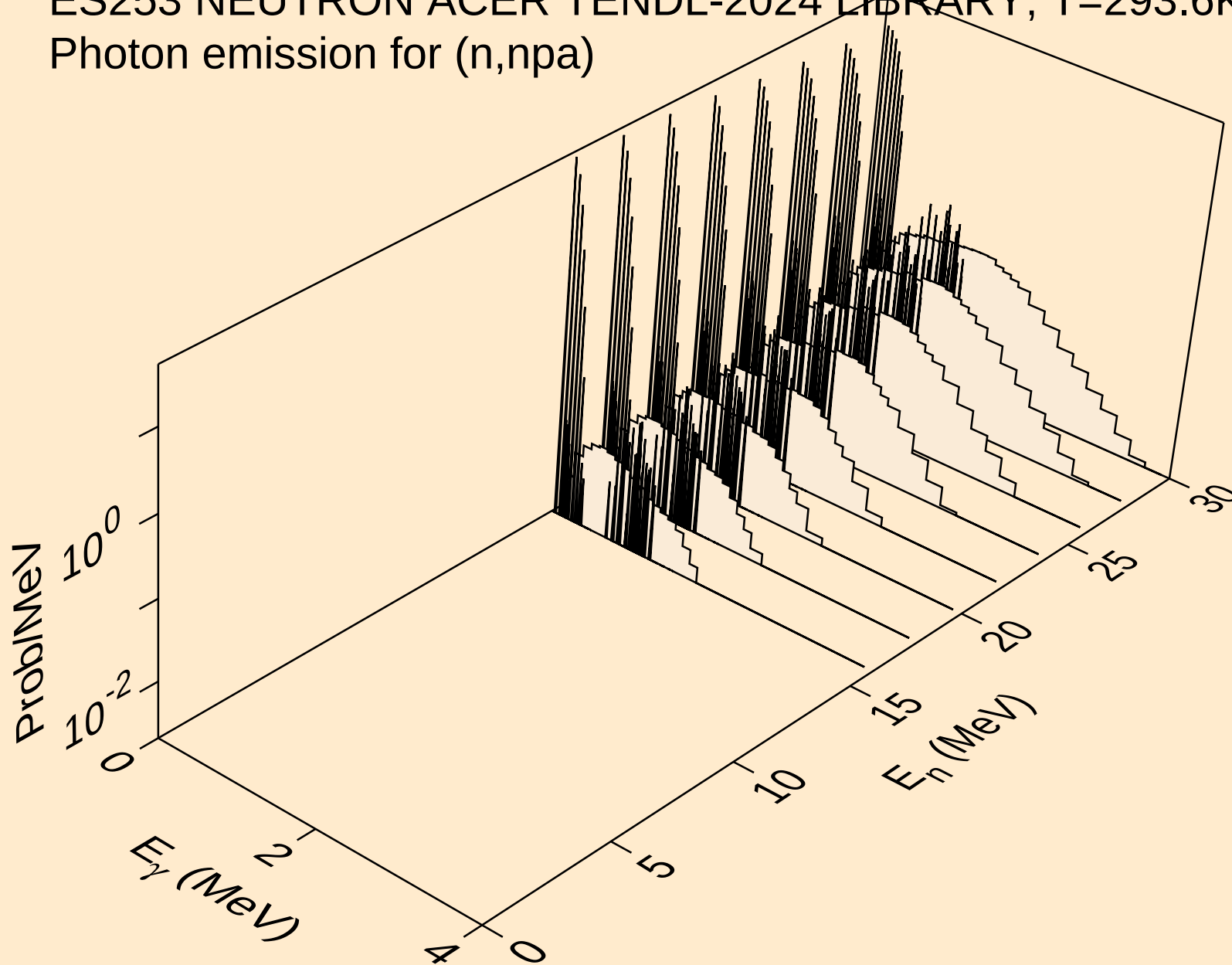


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,n2p)

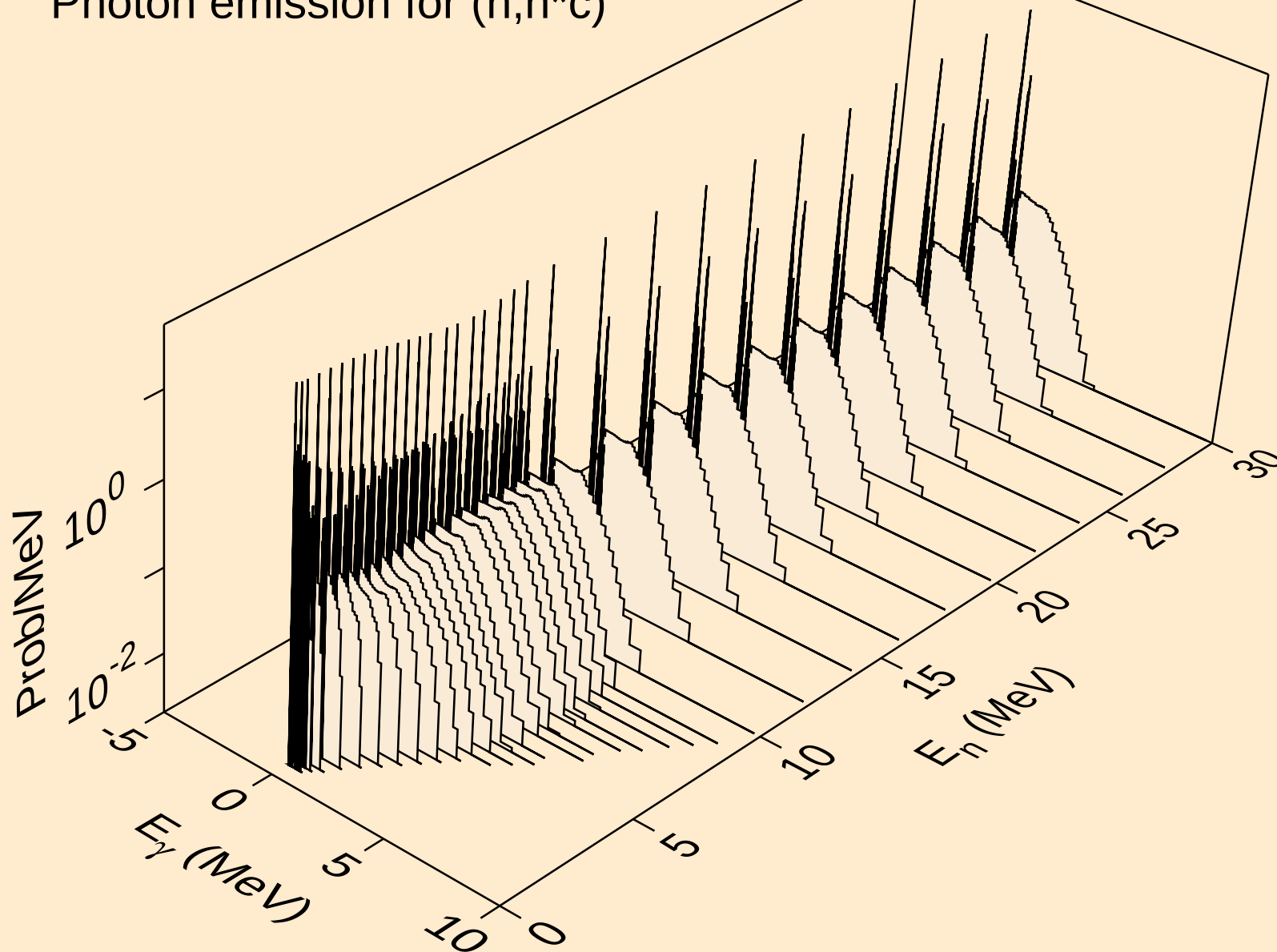


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)

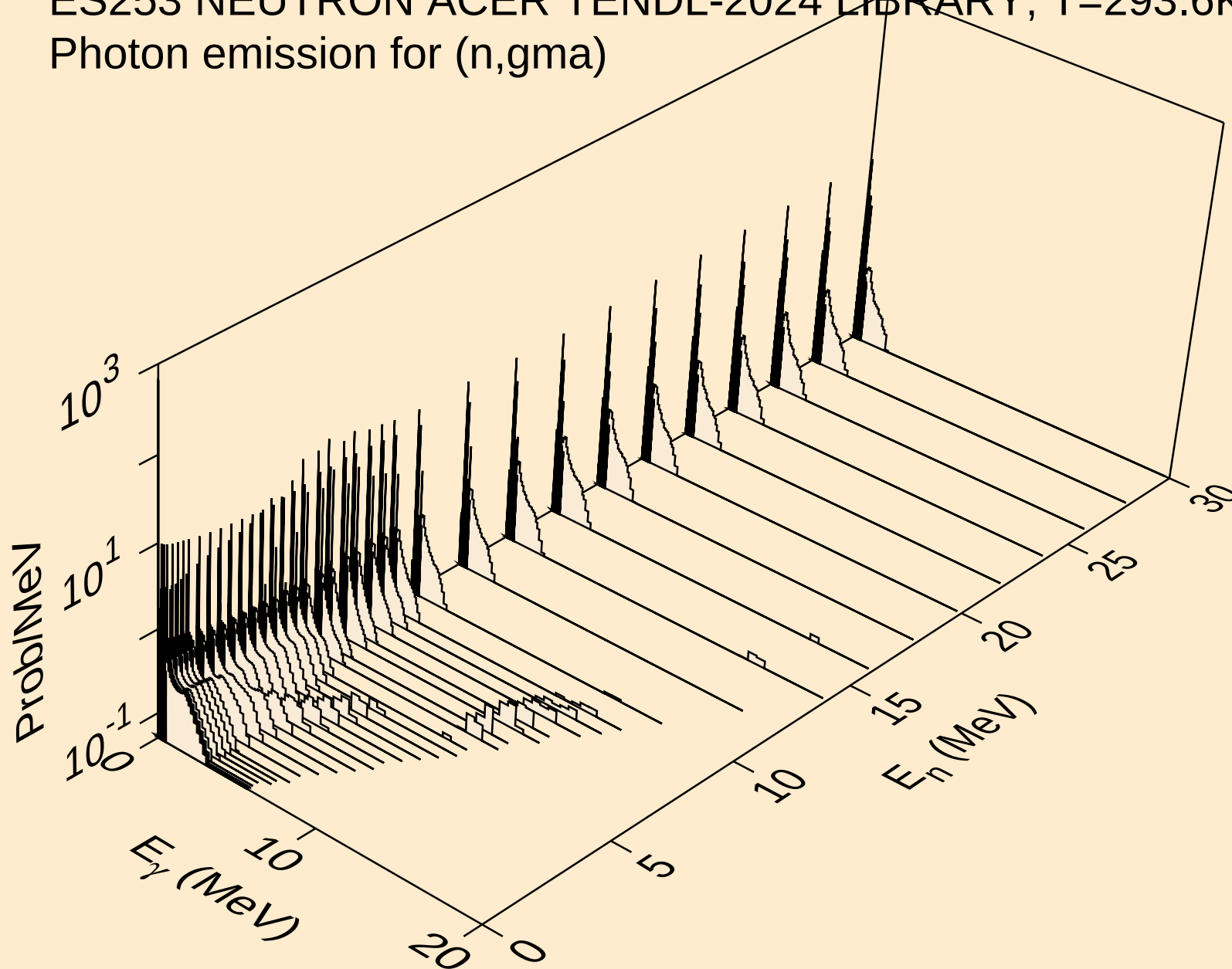


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

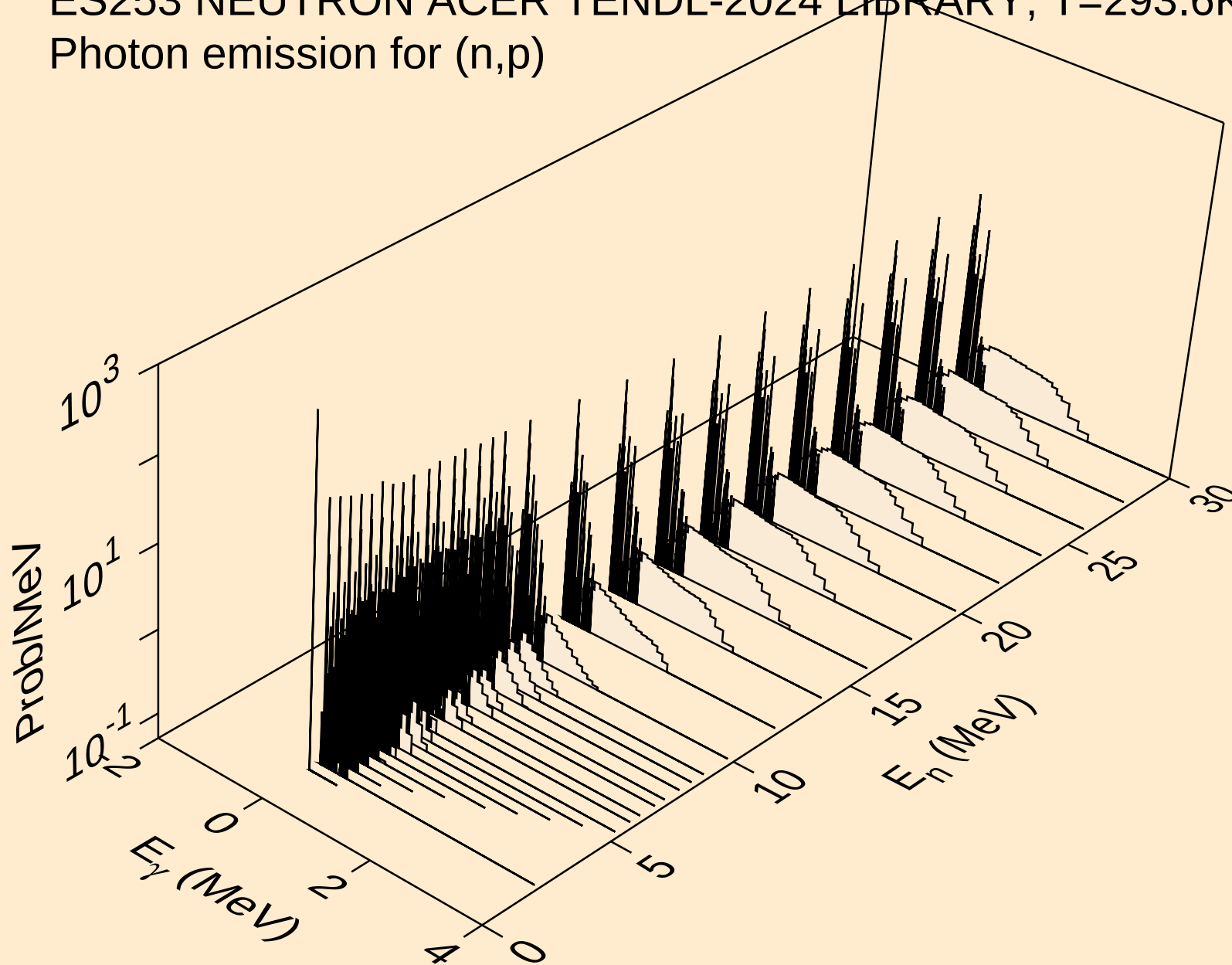
Photon emission for (n,n*c)



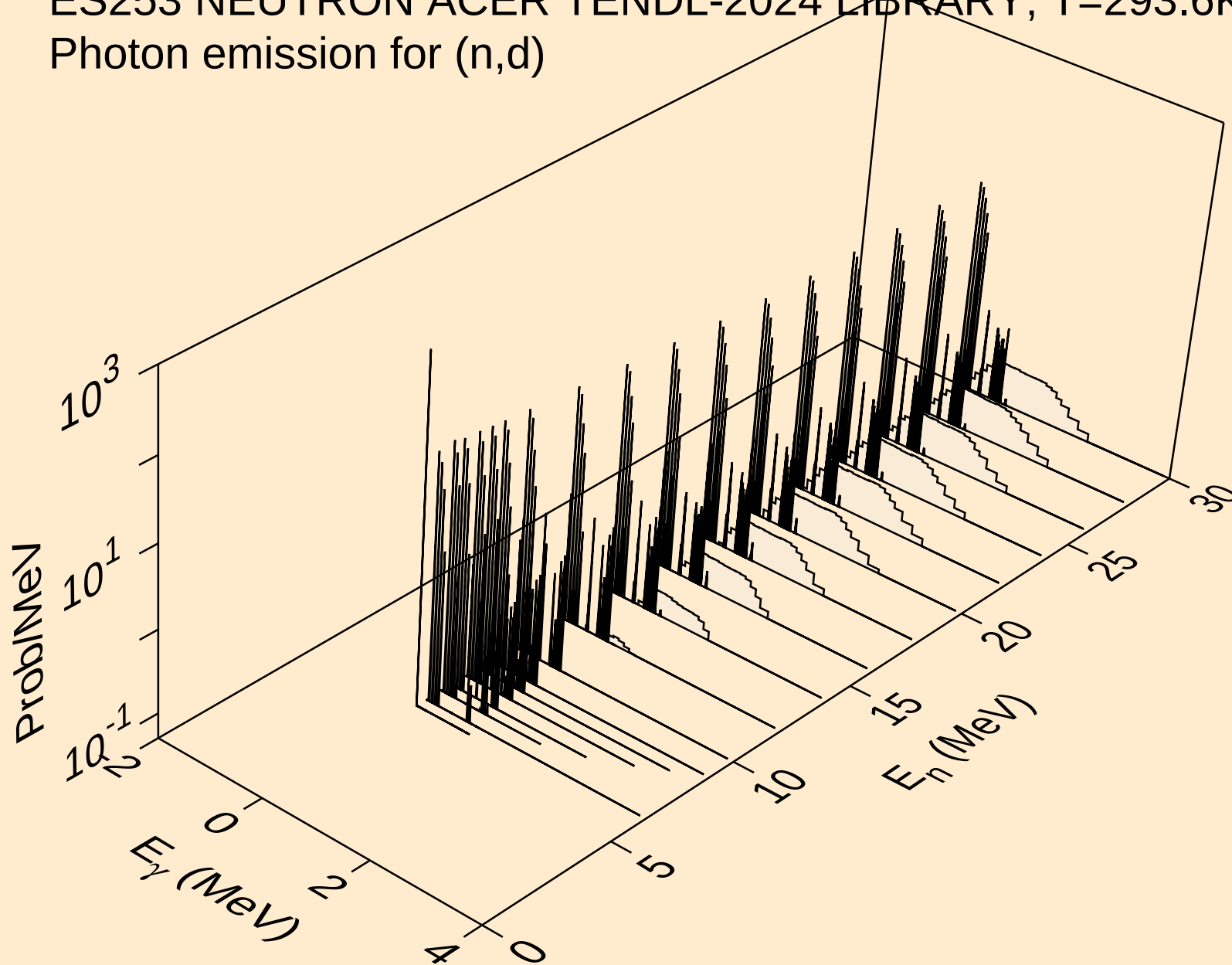
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



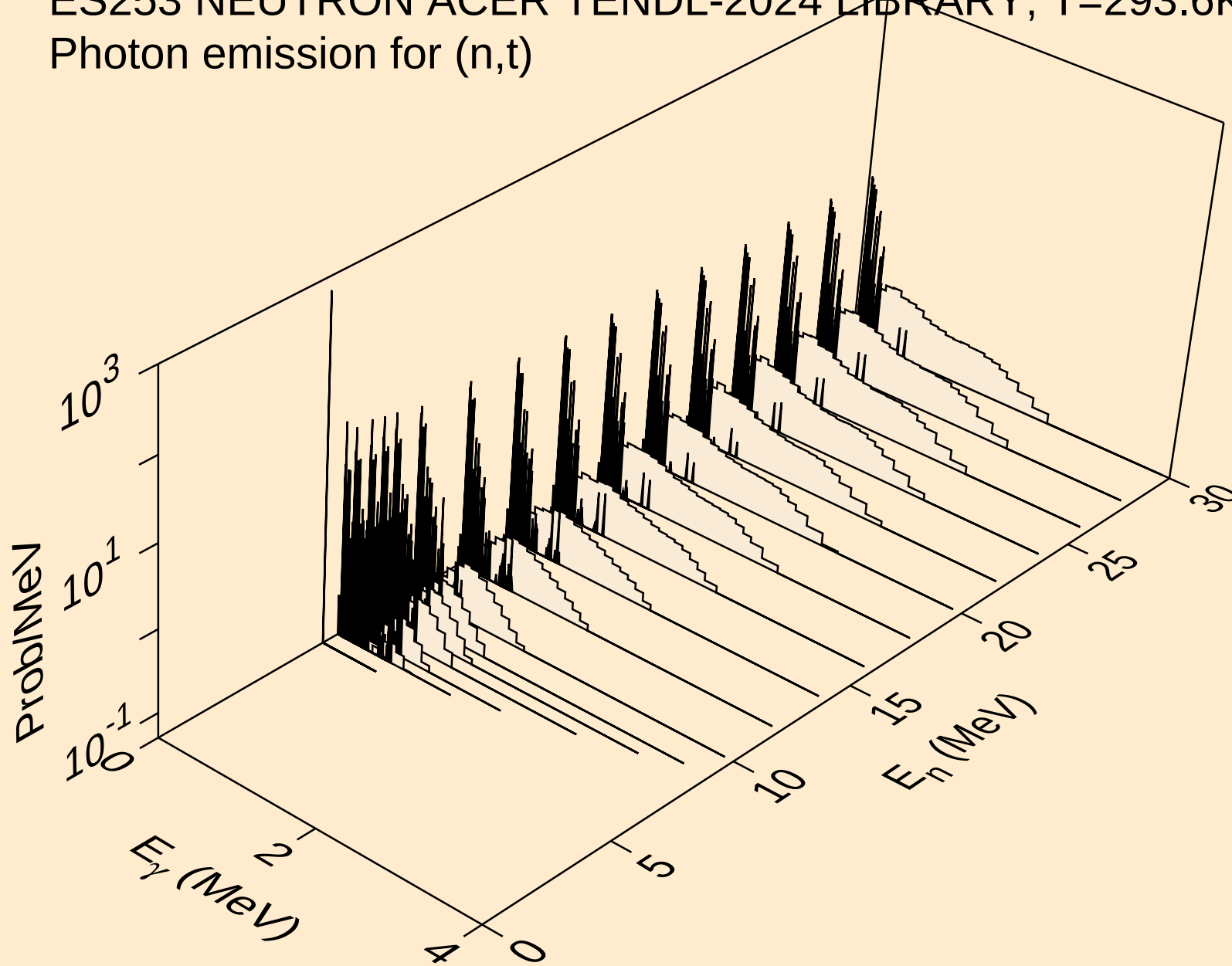
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



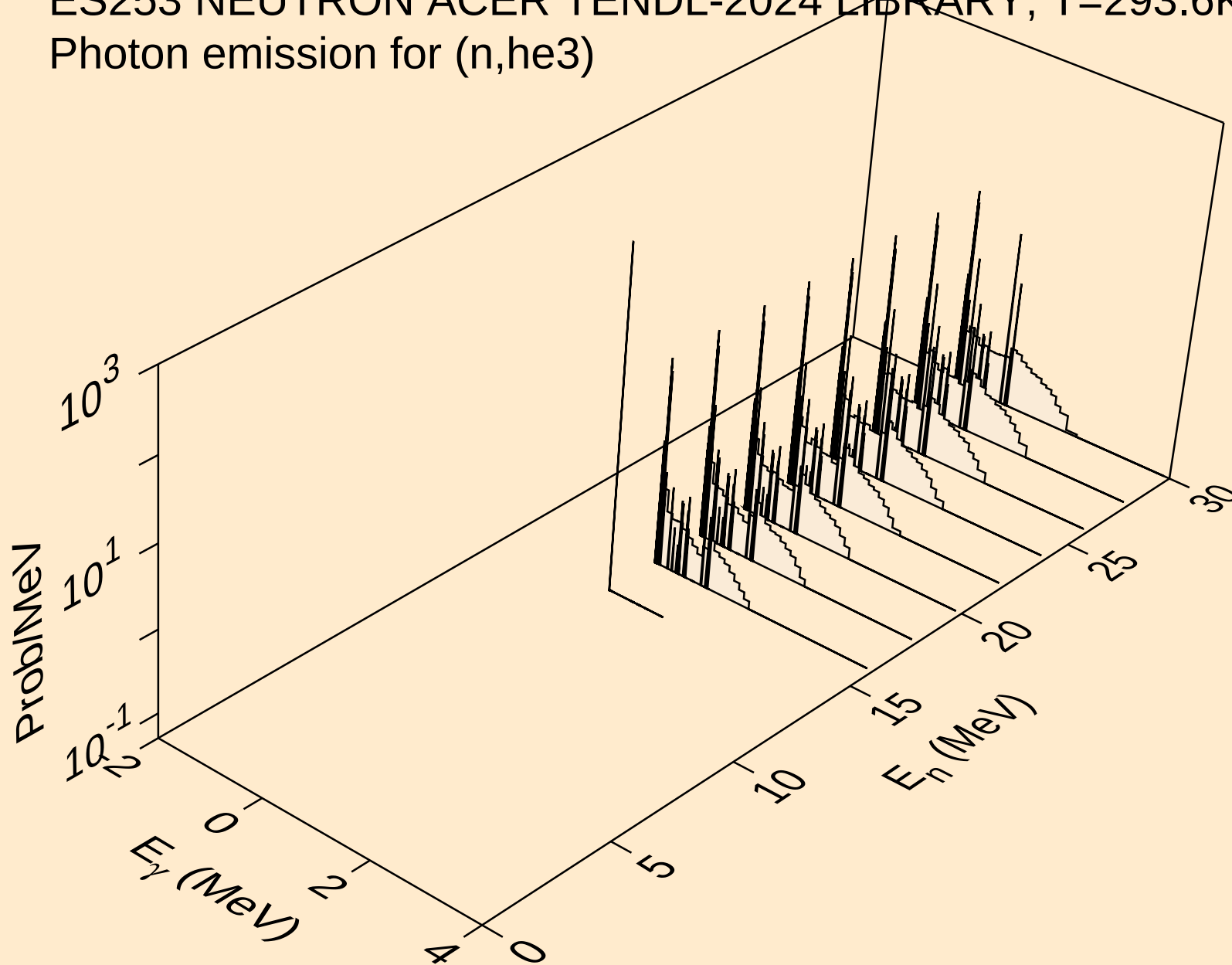
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



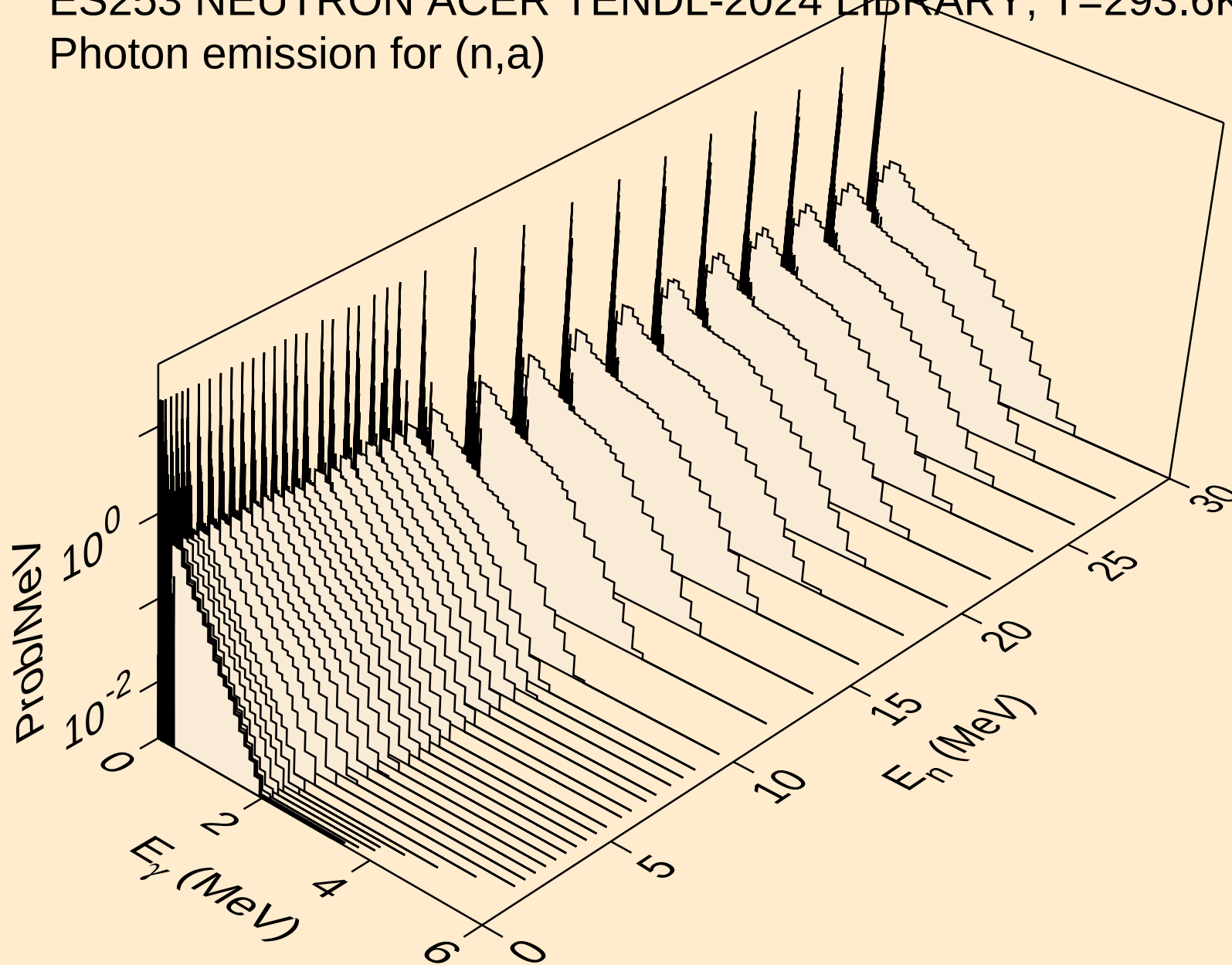
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



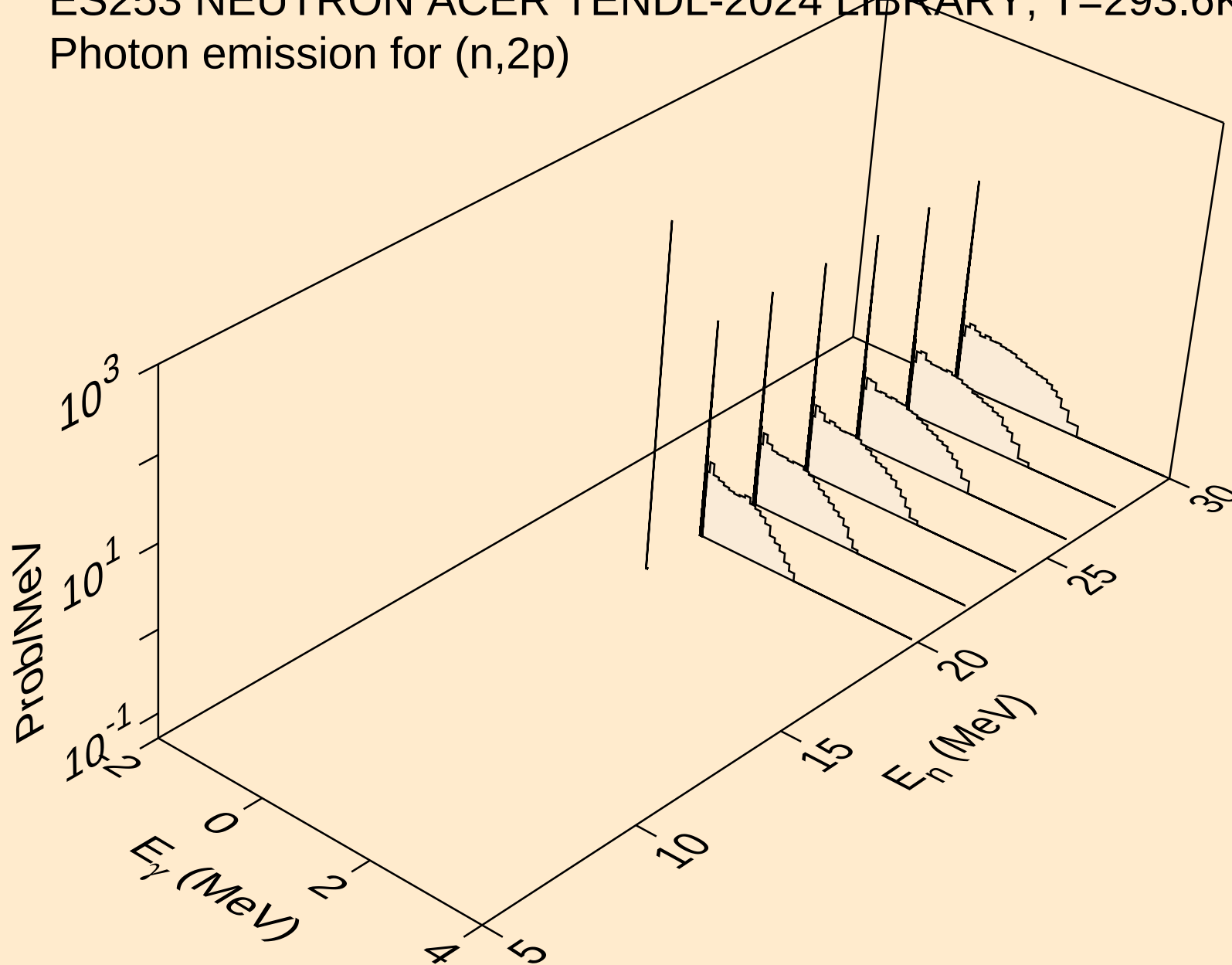
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



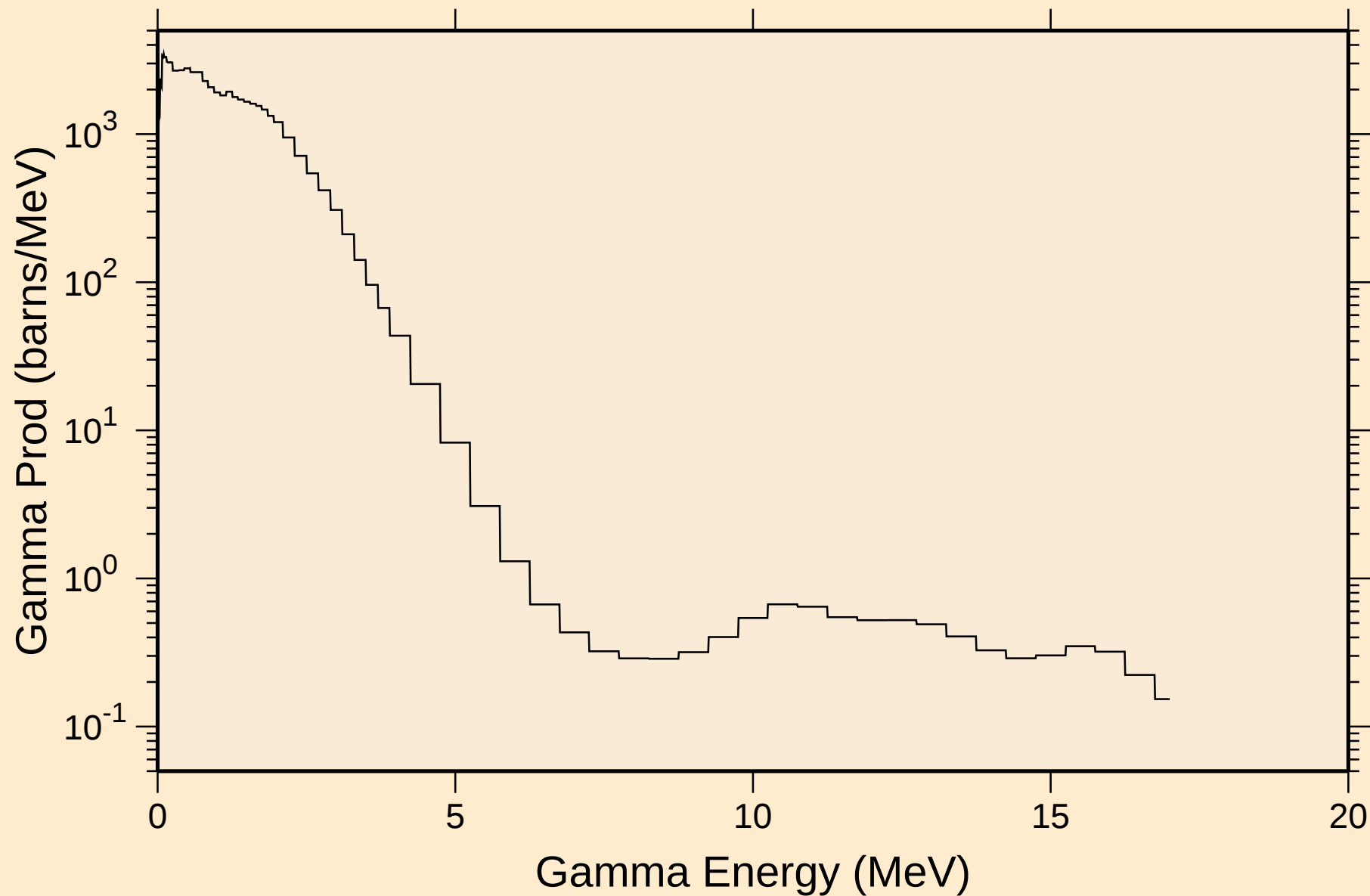
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)

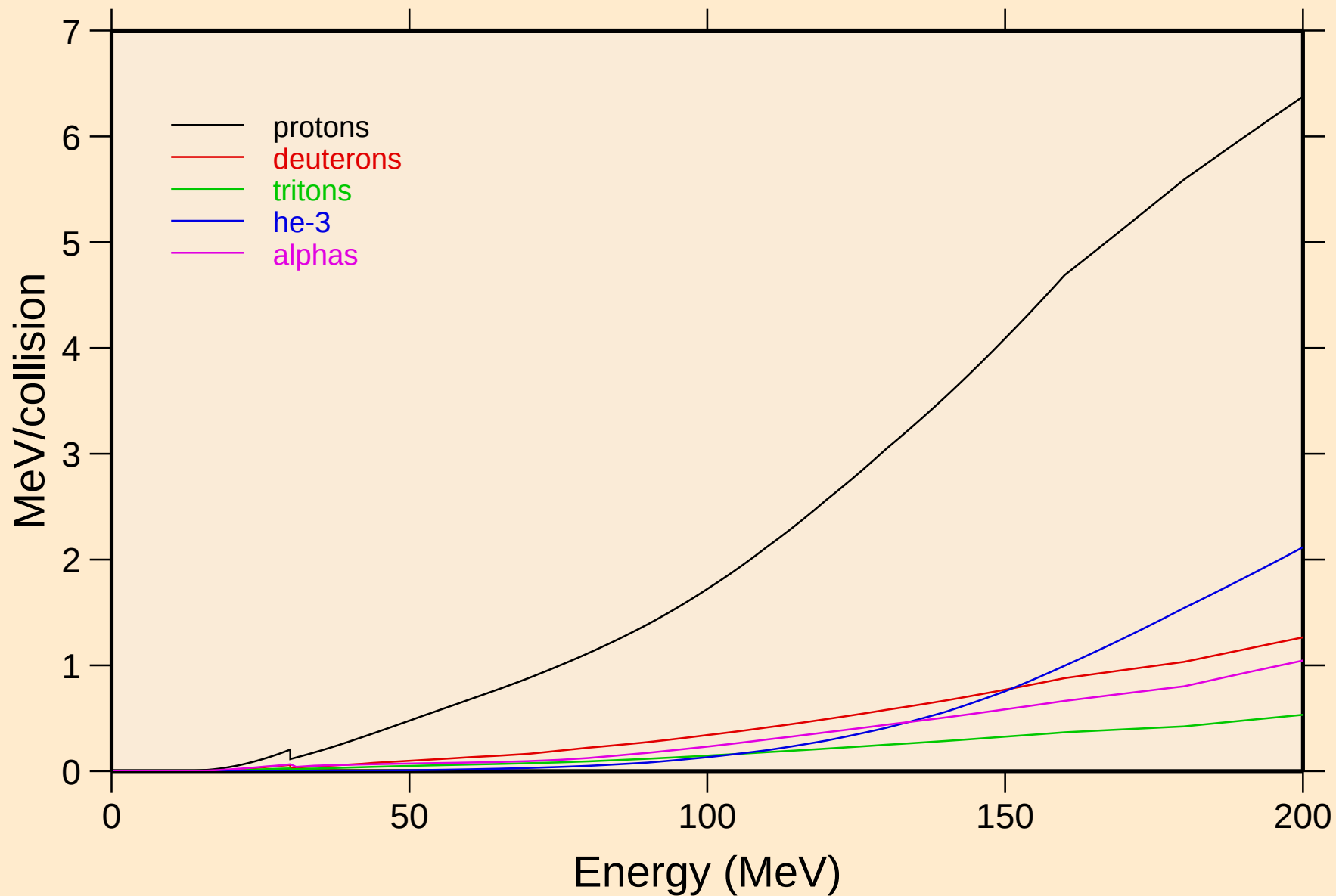


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum

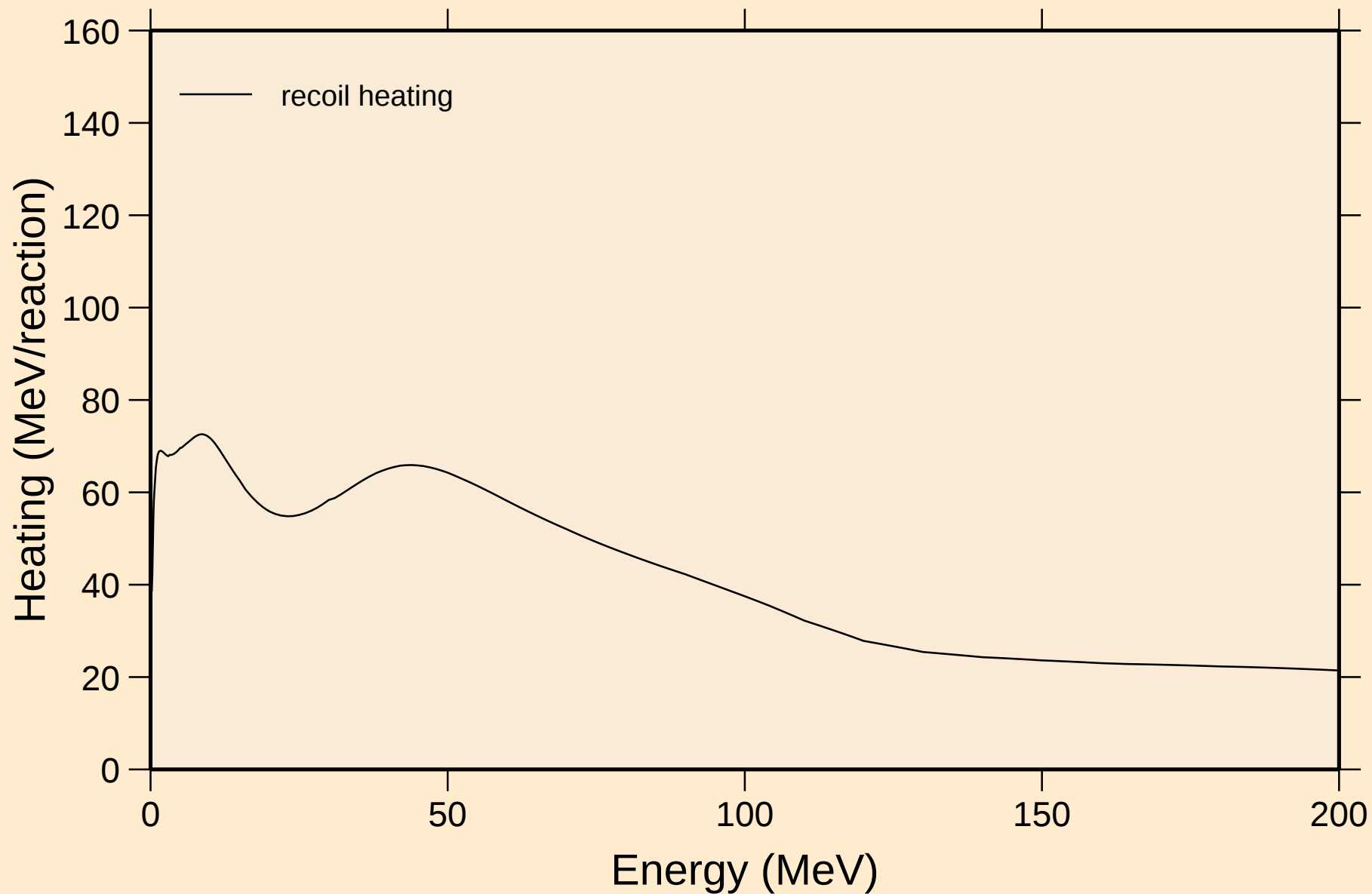


ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

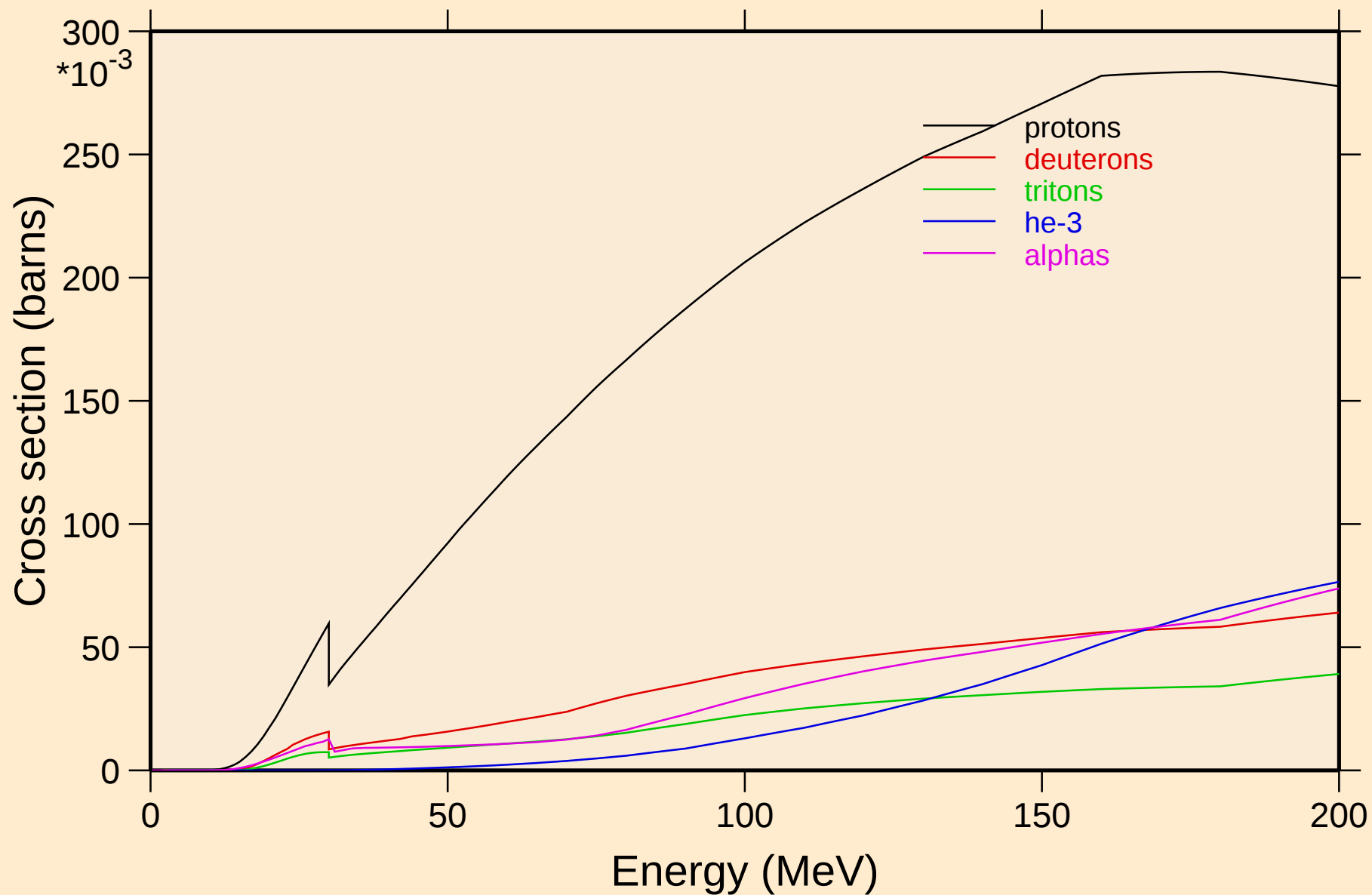
Particle heating contributions



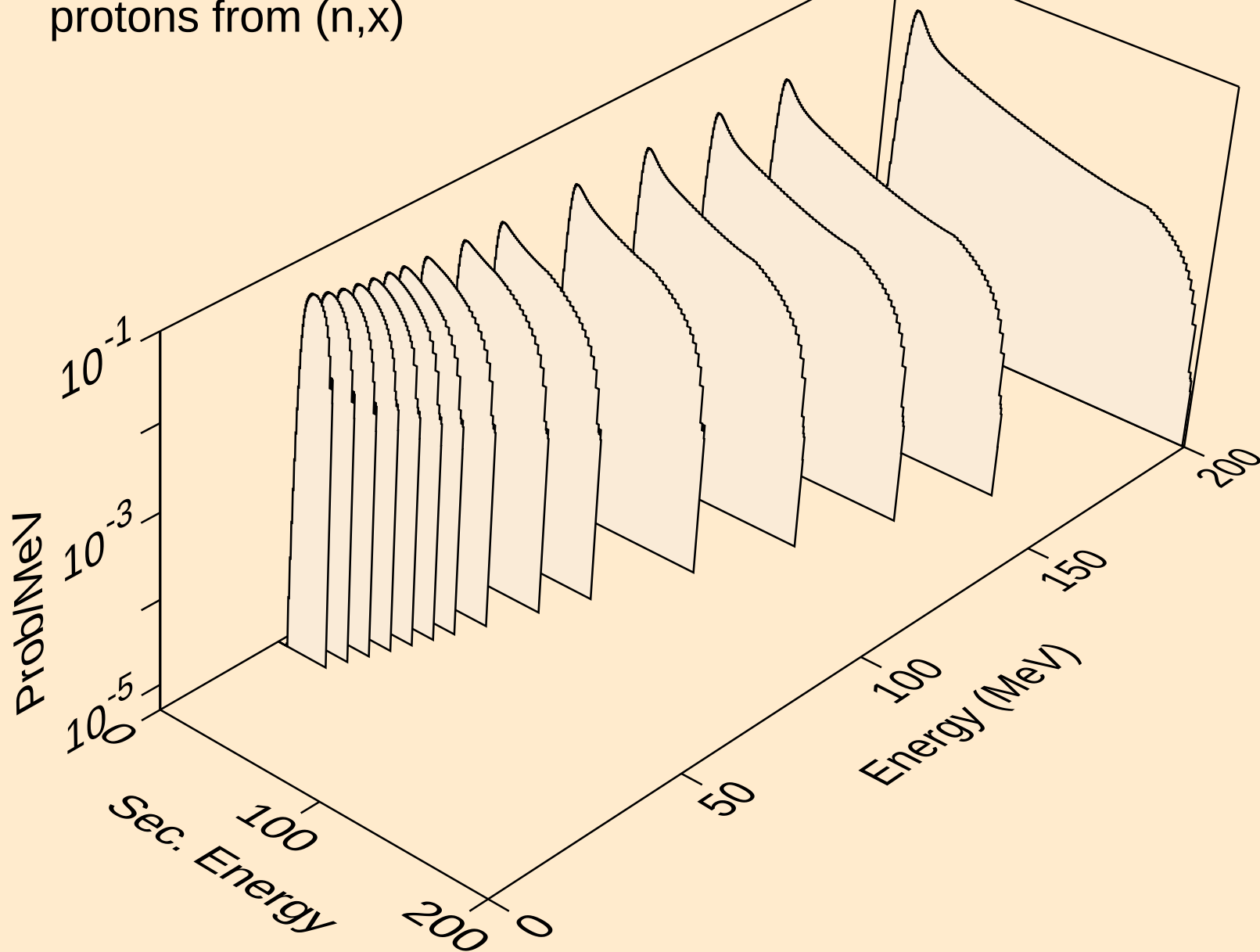
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



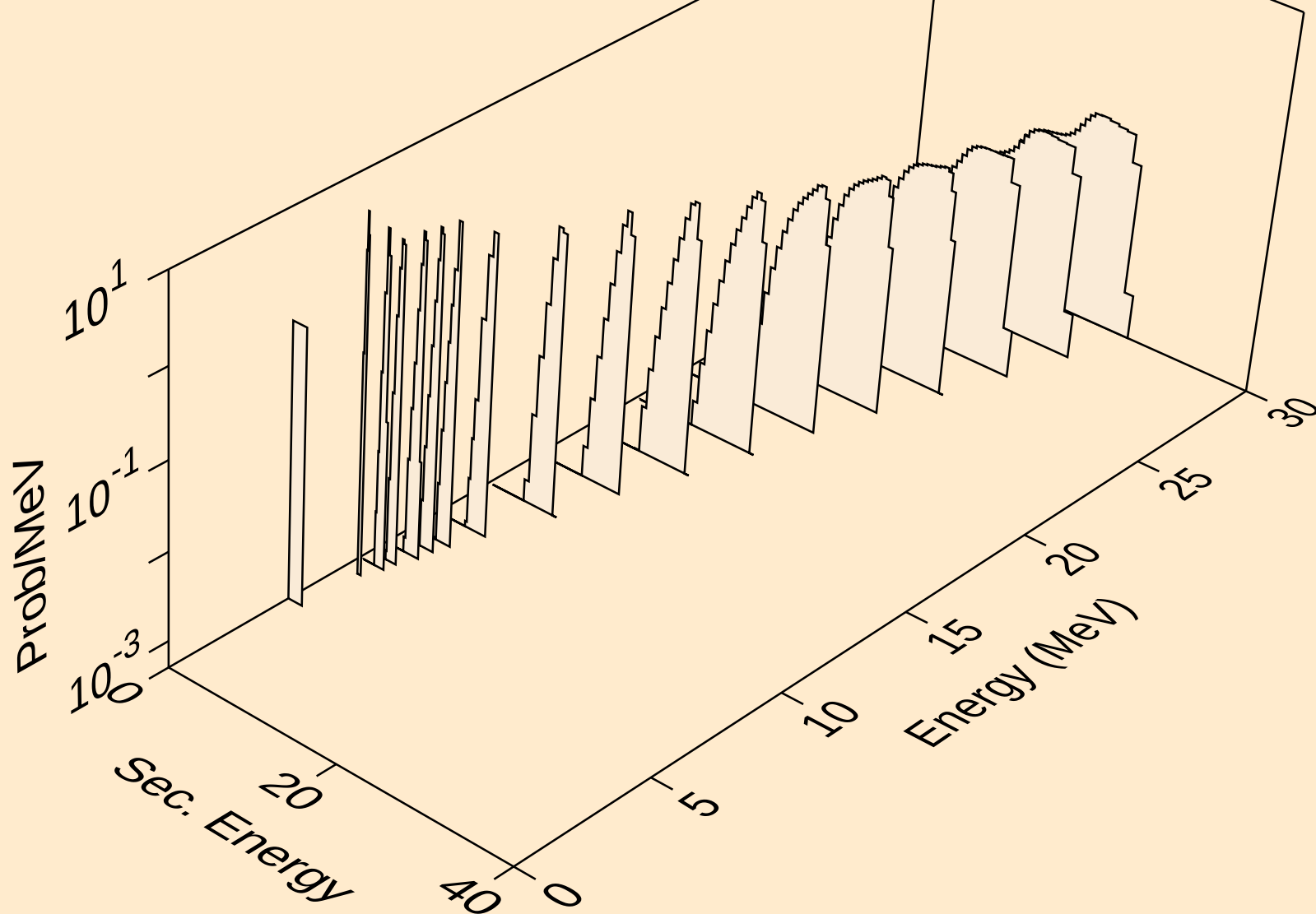
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



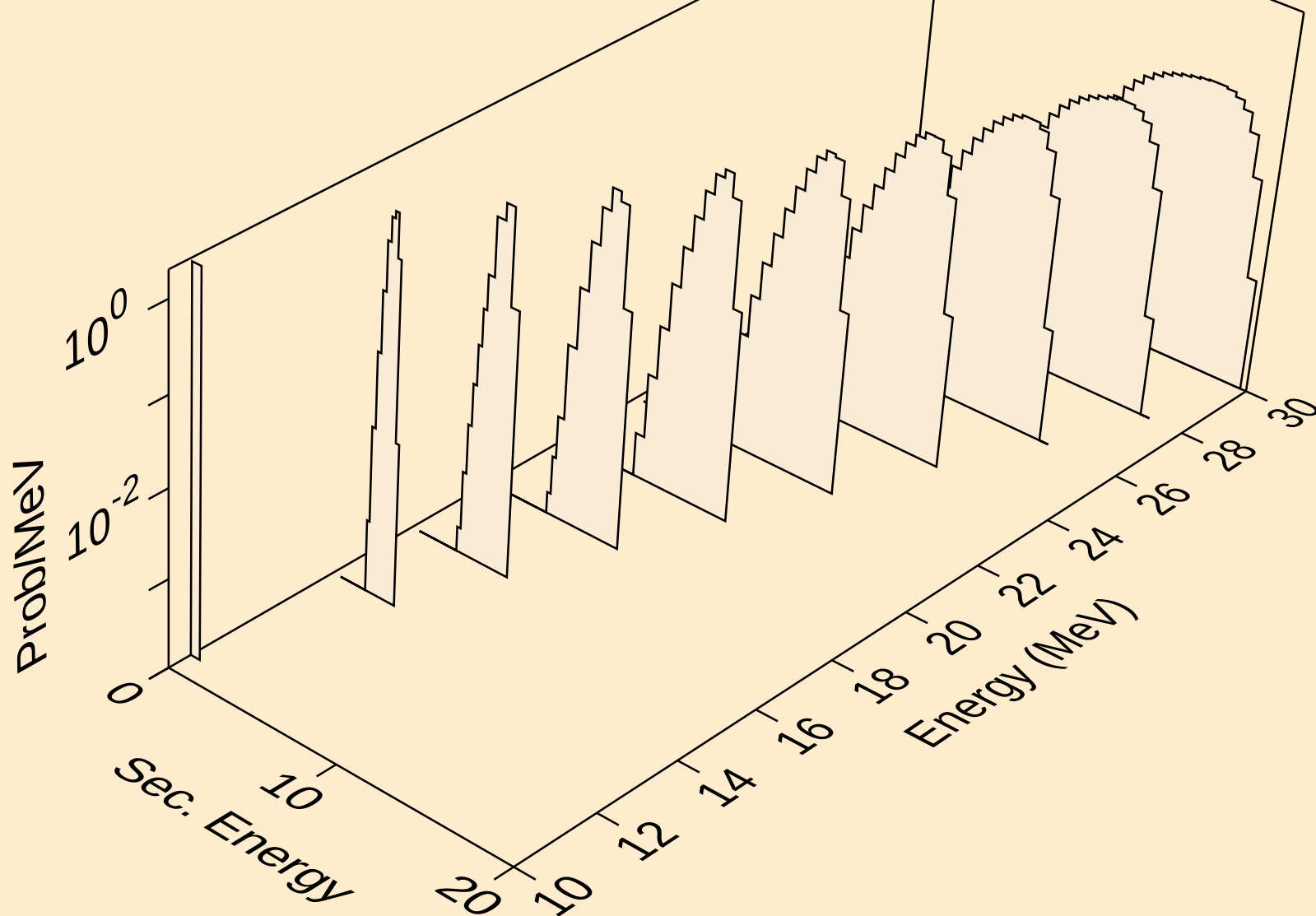
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



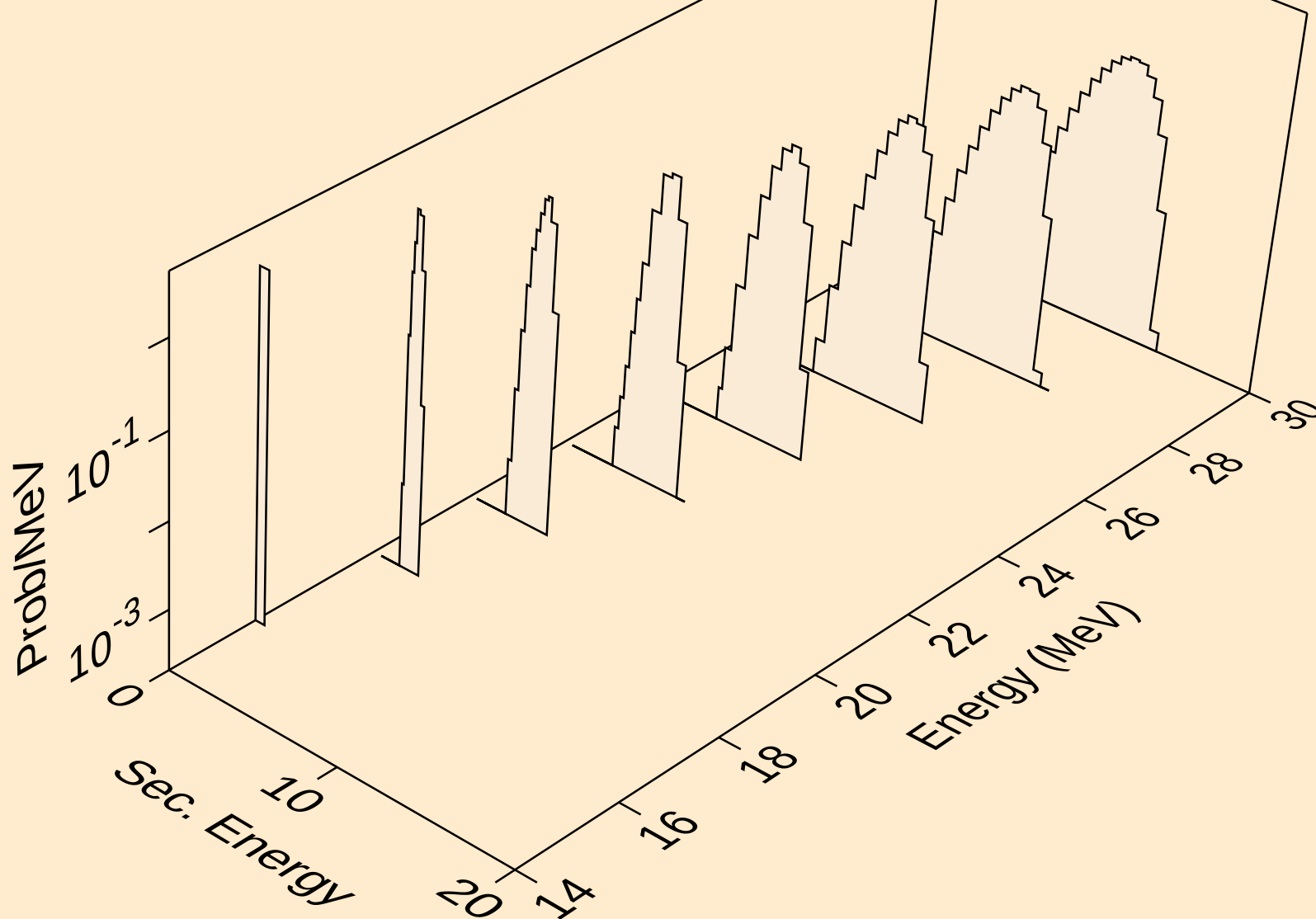
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



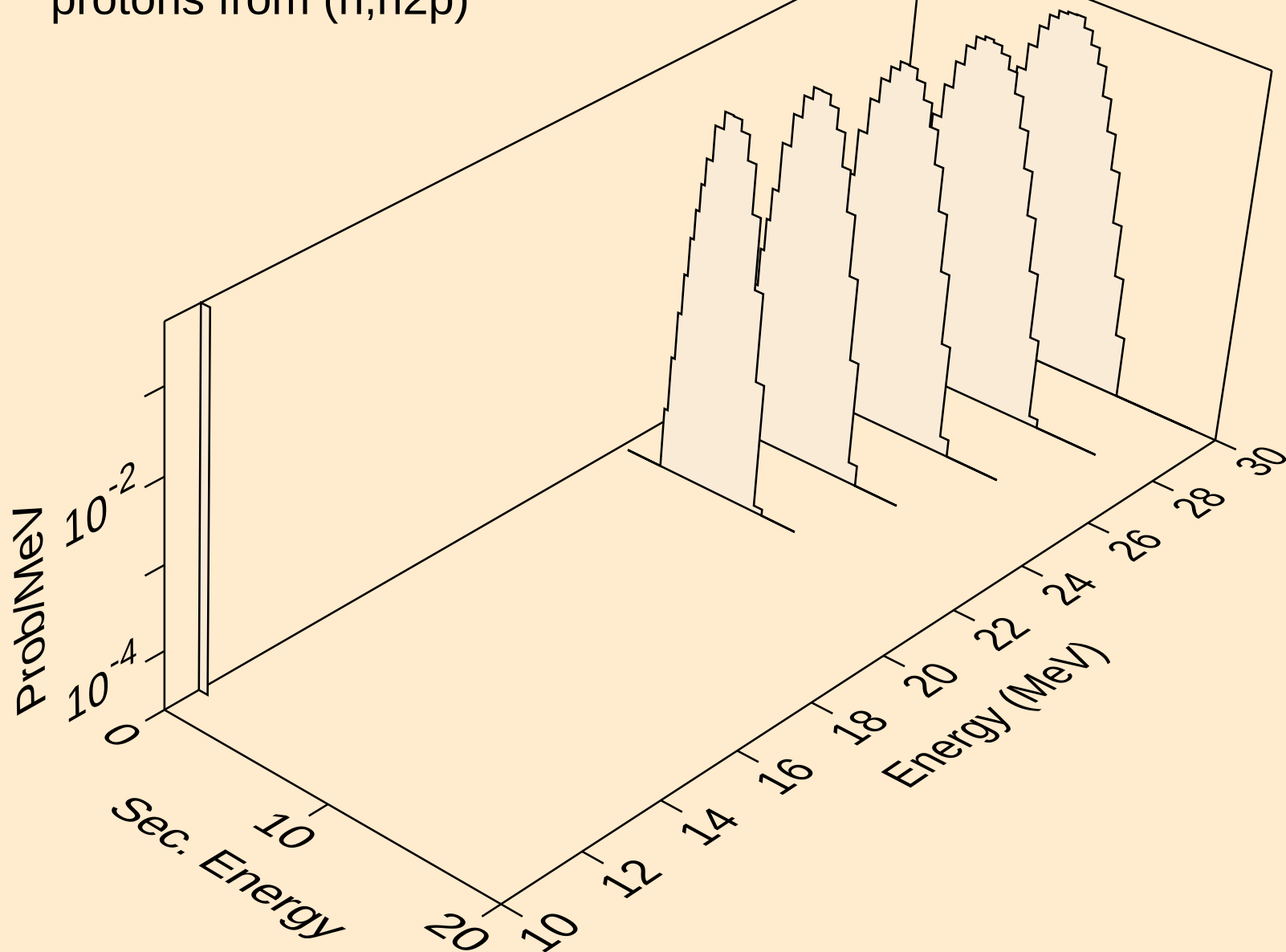
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2np)



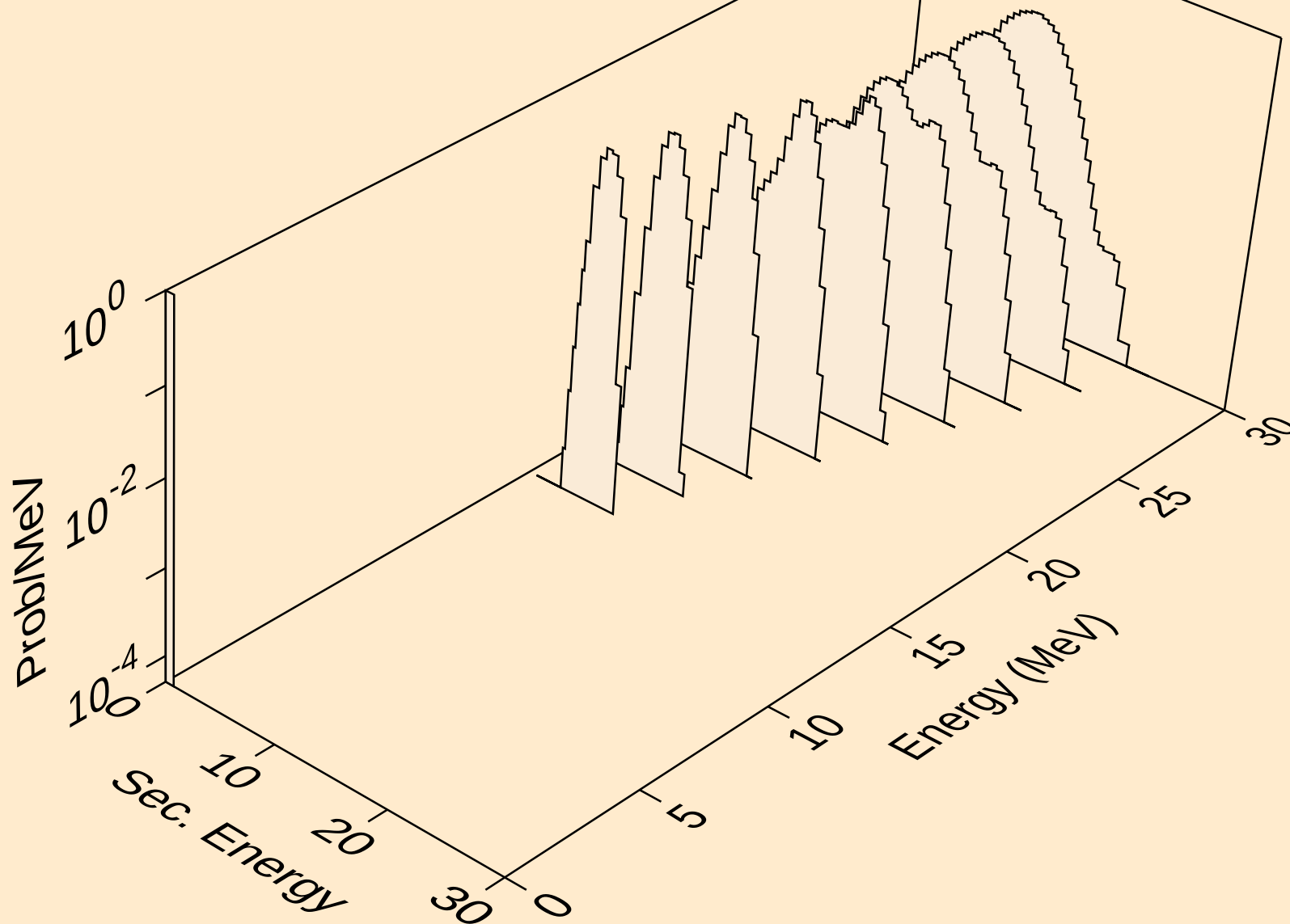
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,3np)



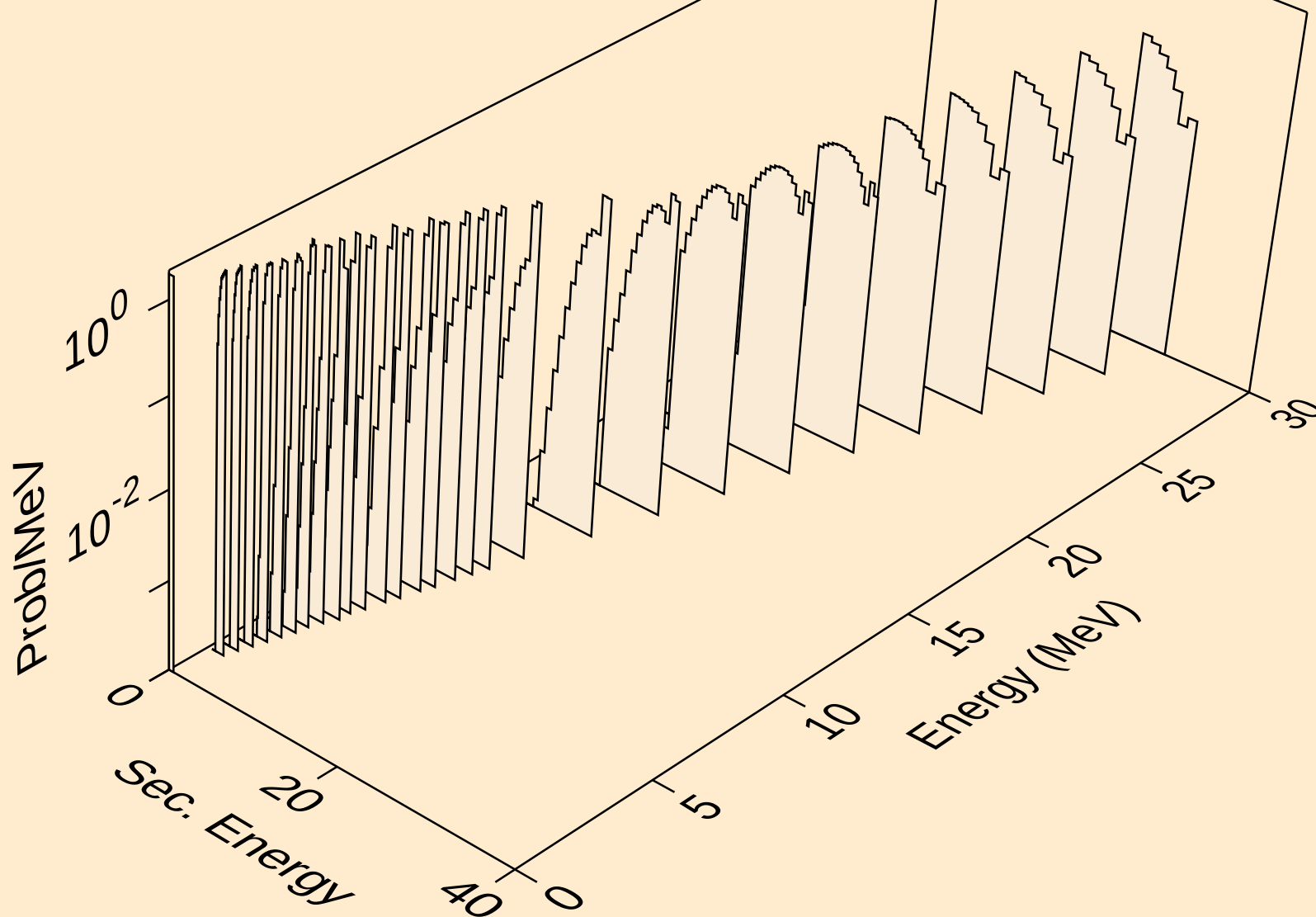
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protons from (n,n2p)



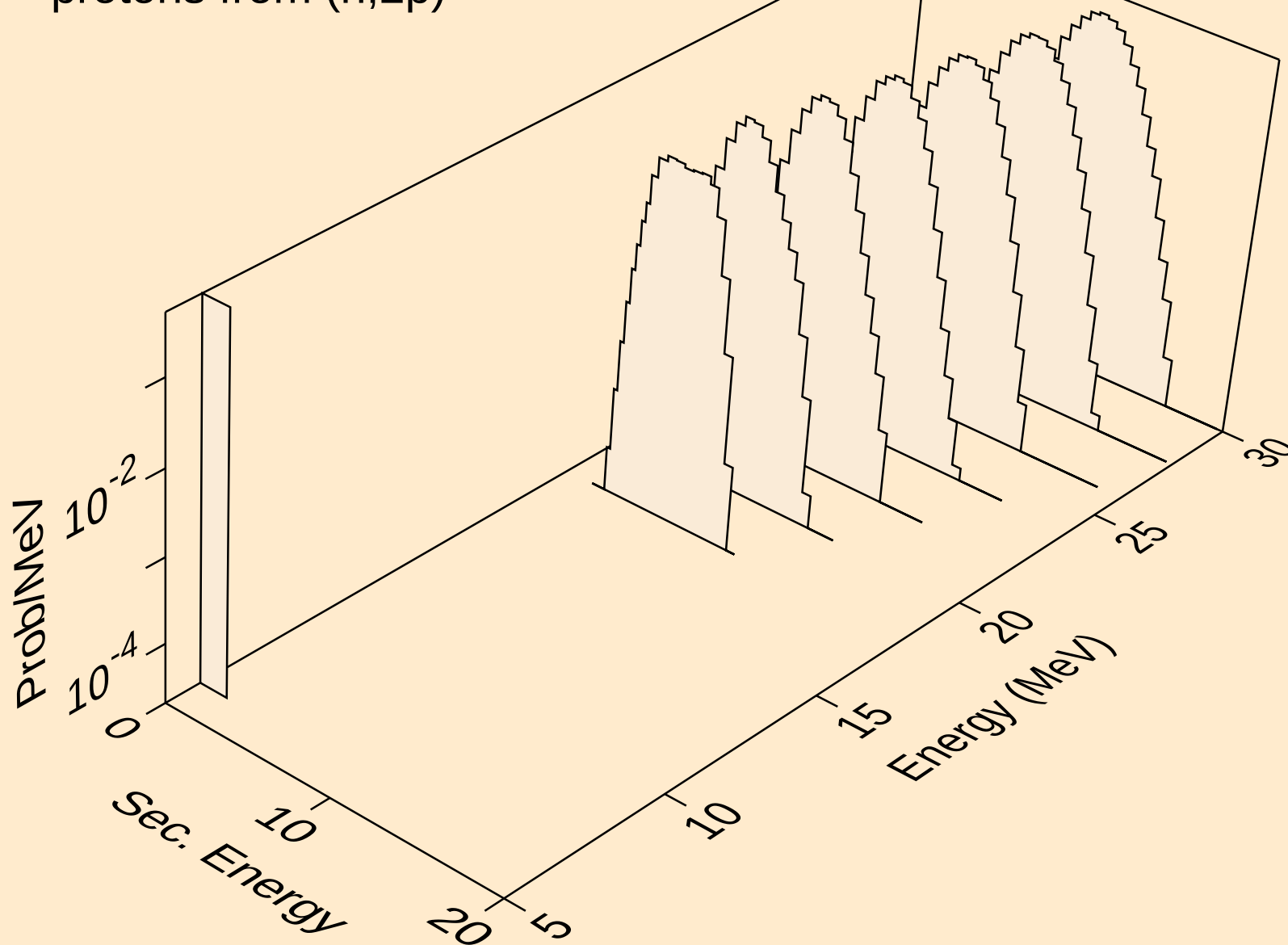
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,npa)



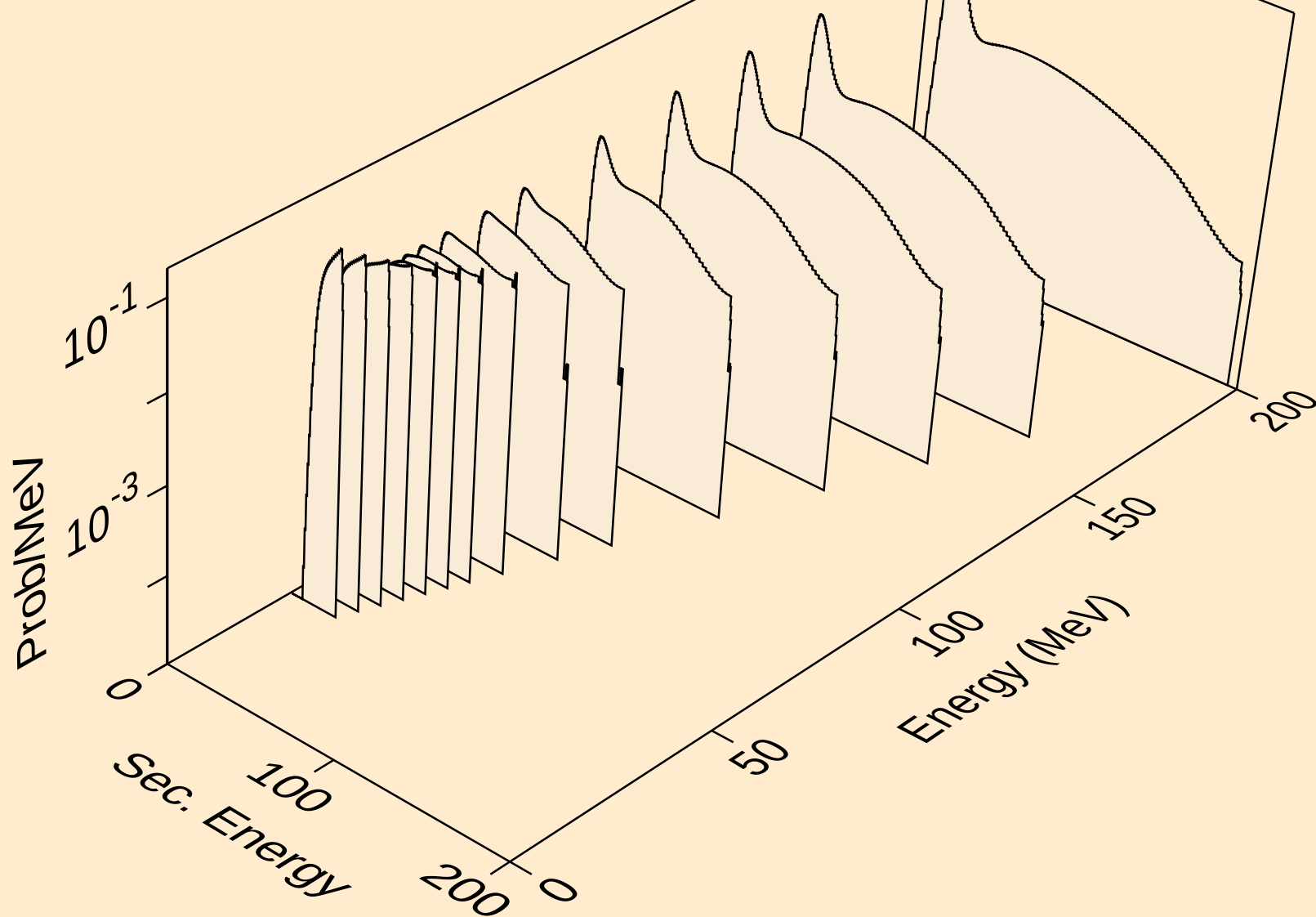
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protons from (n,p)



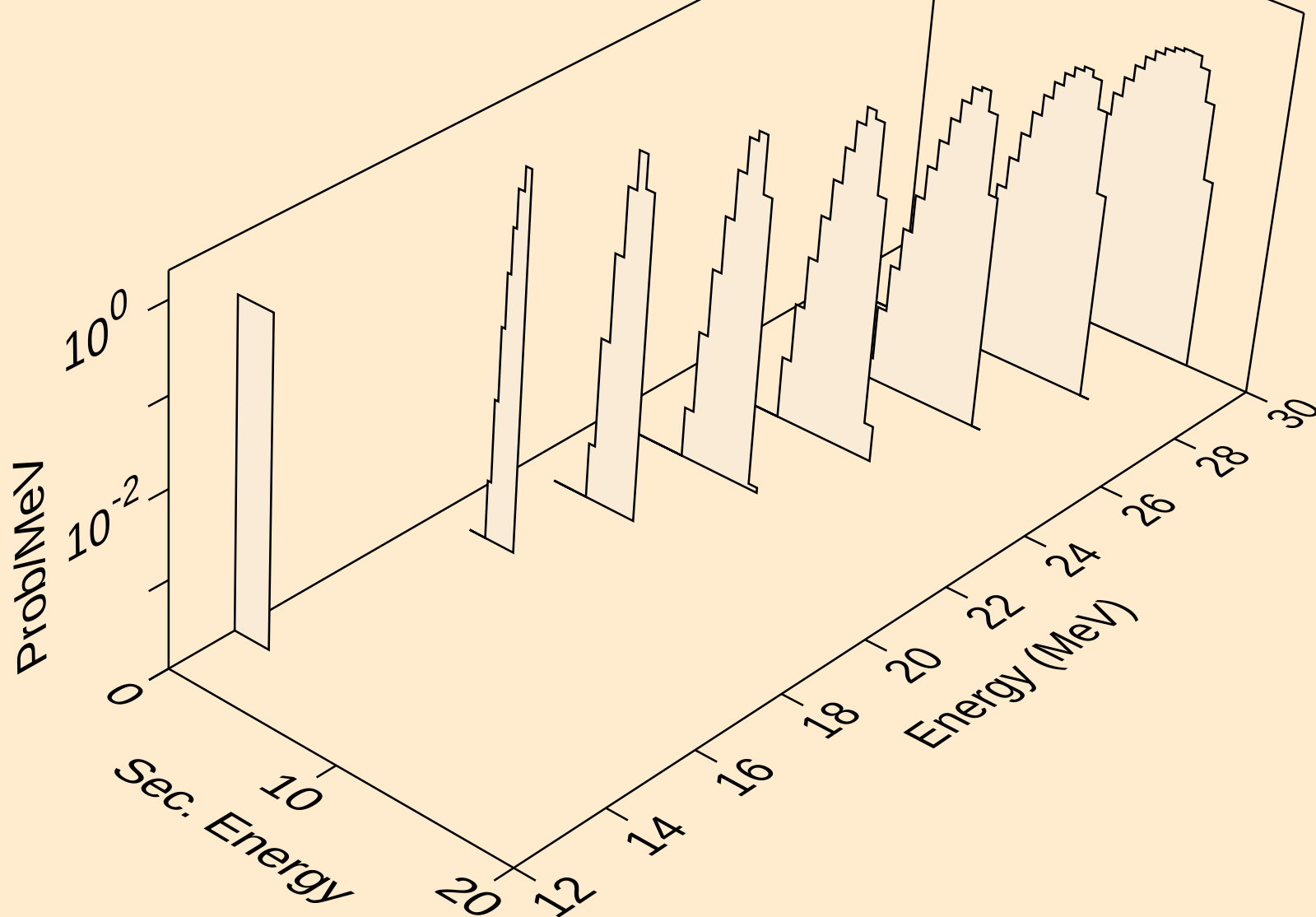
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protons from (n,2p)



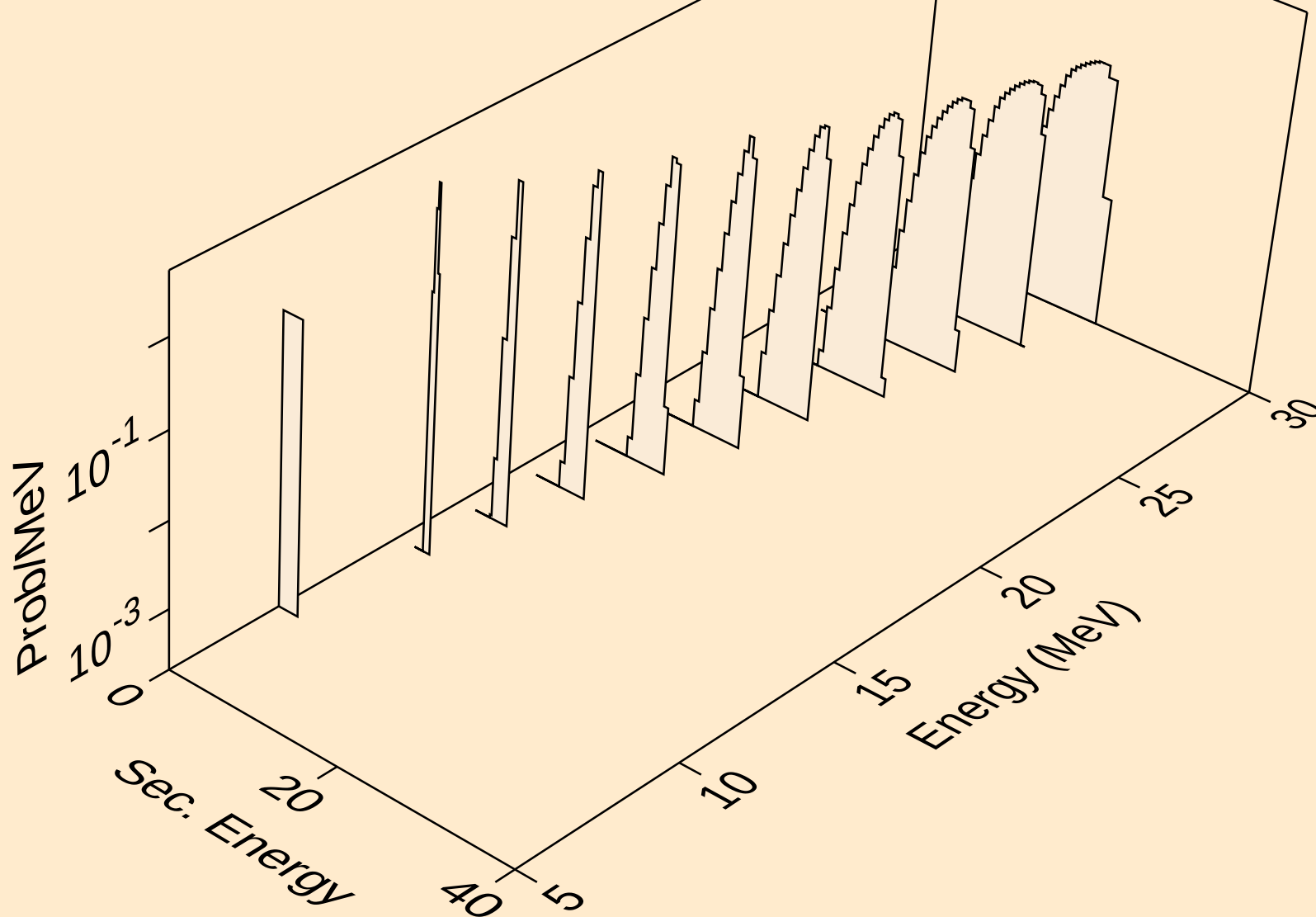
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



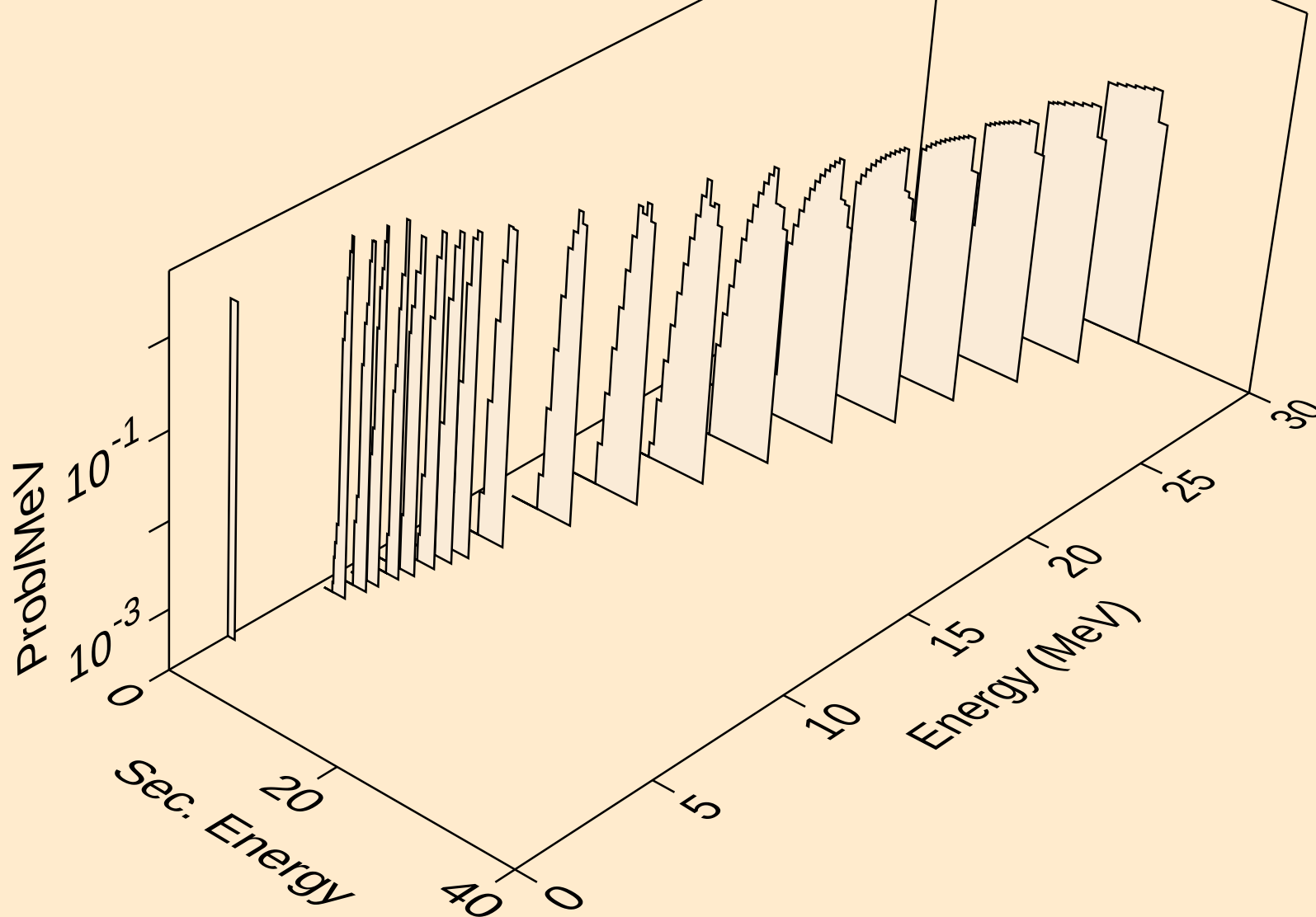
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,2nd)



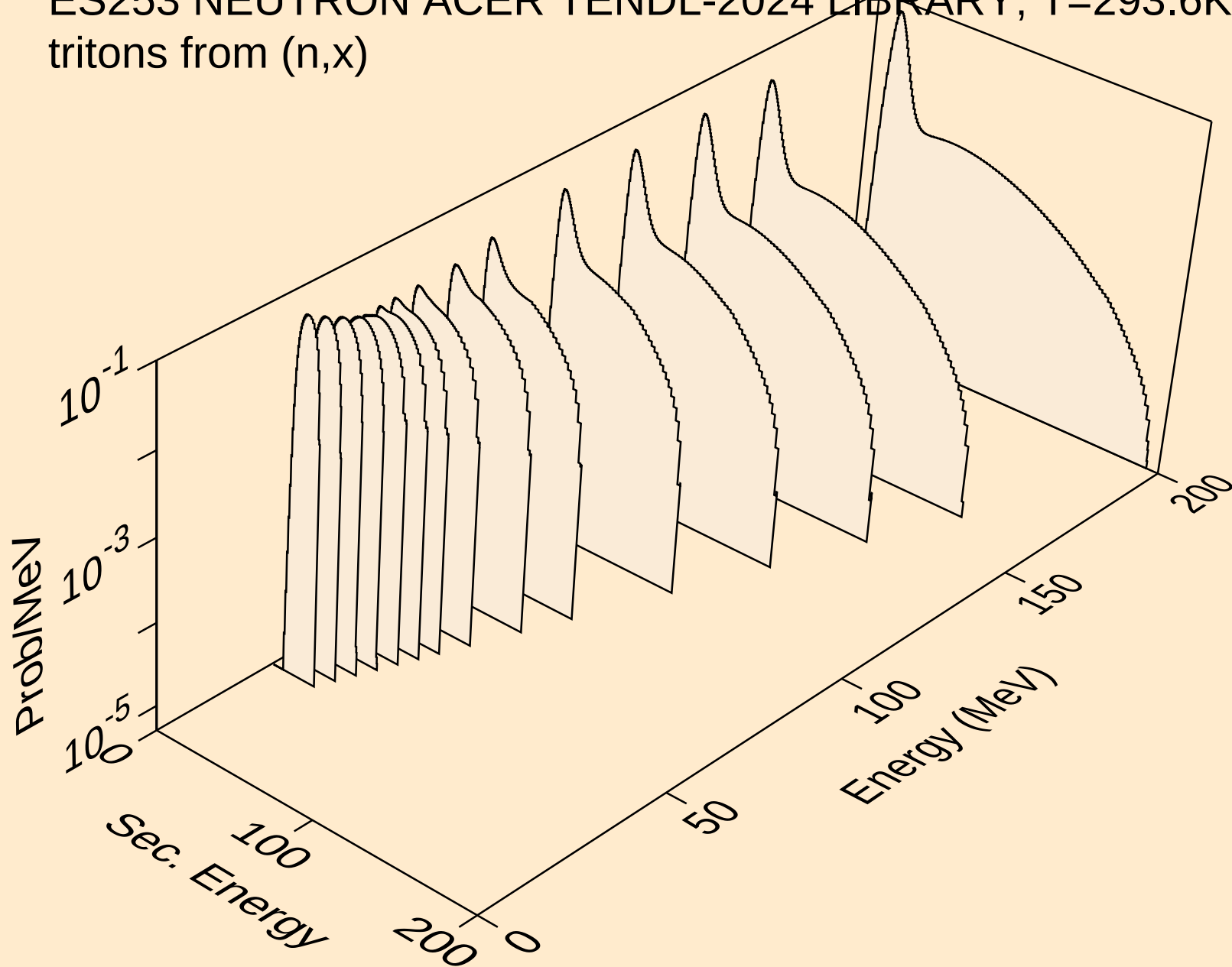
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



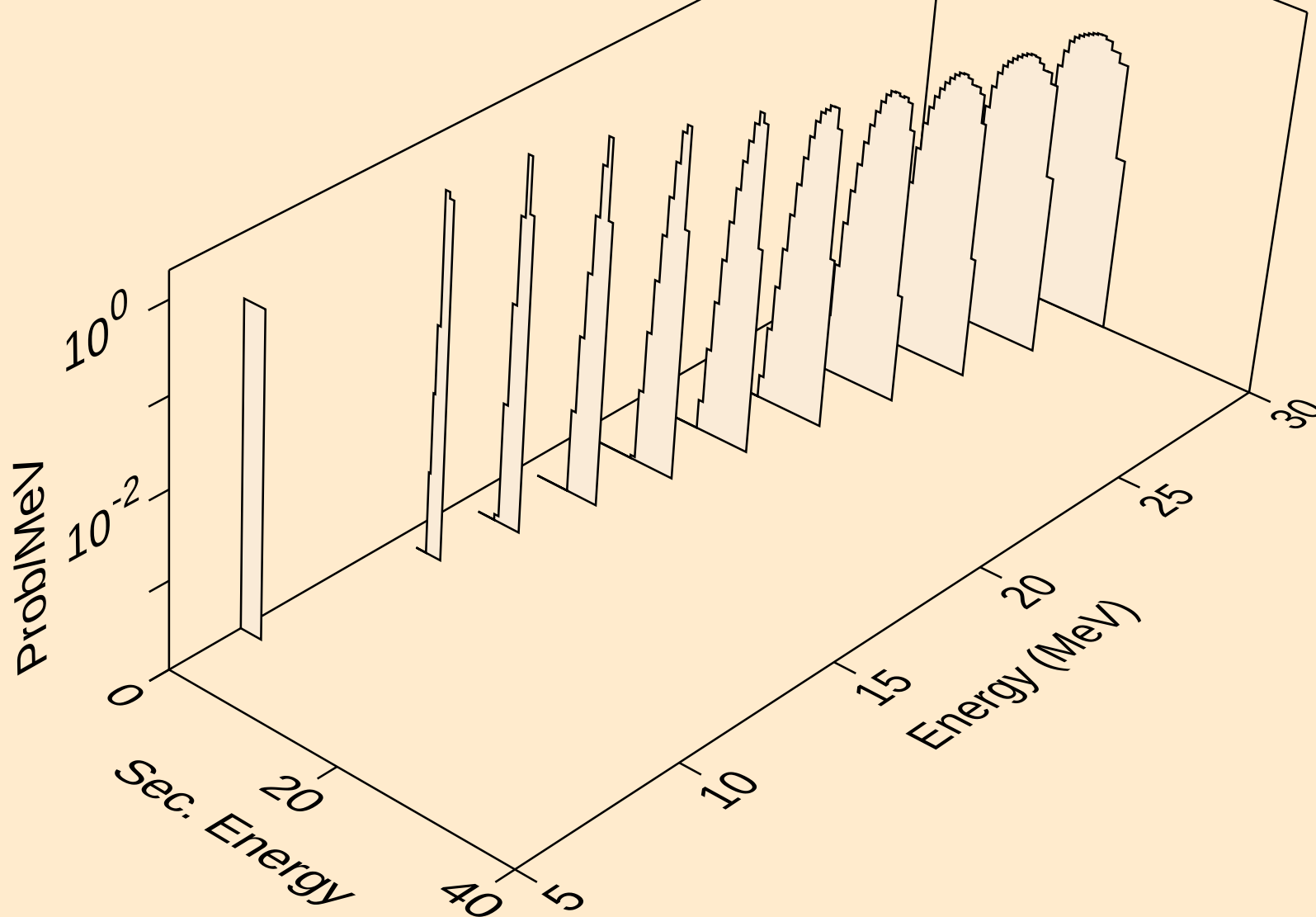
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,d)



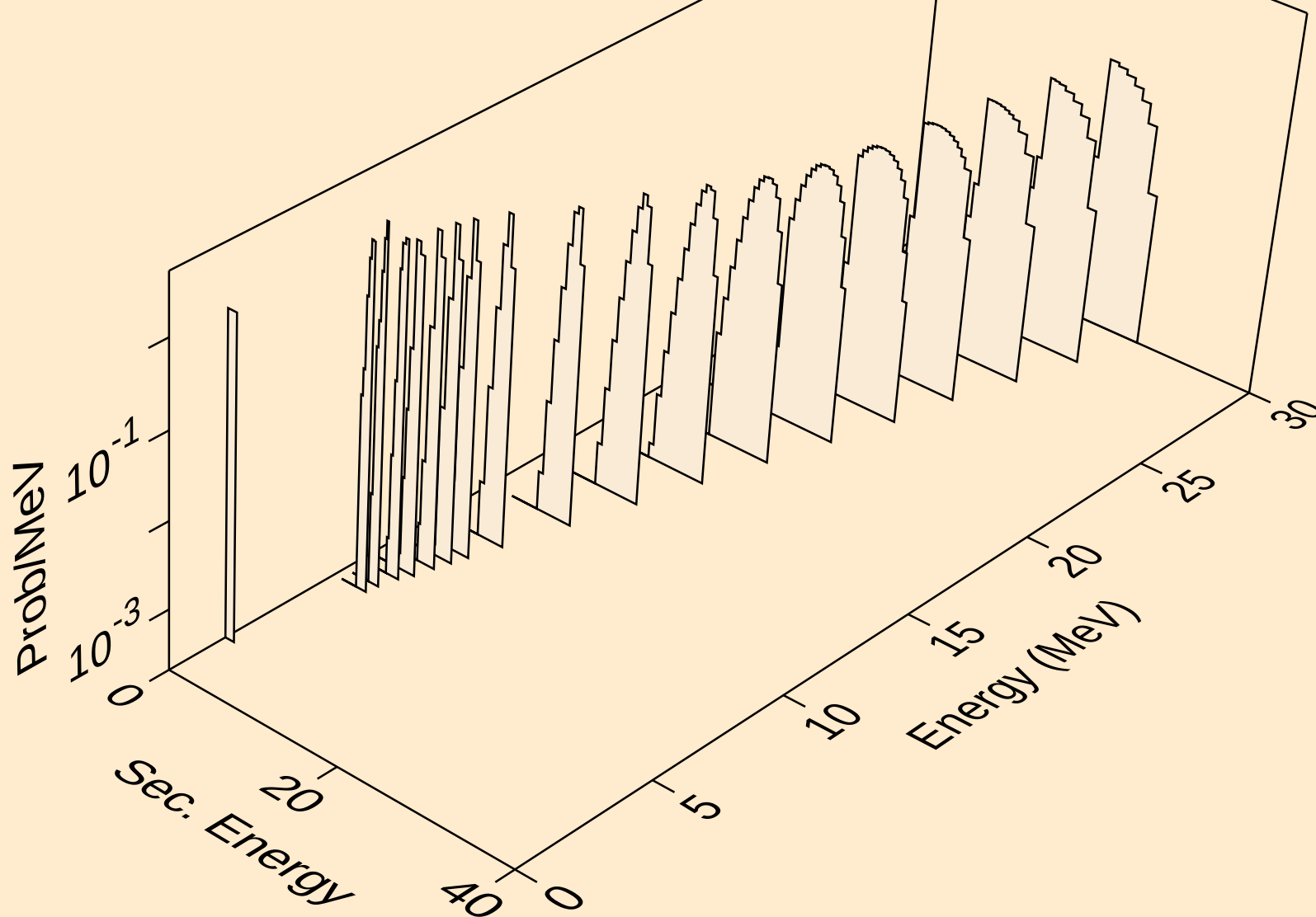
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



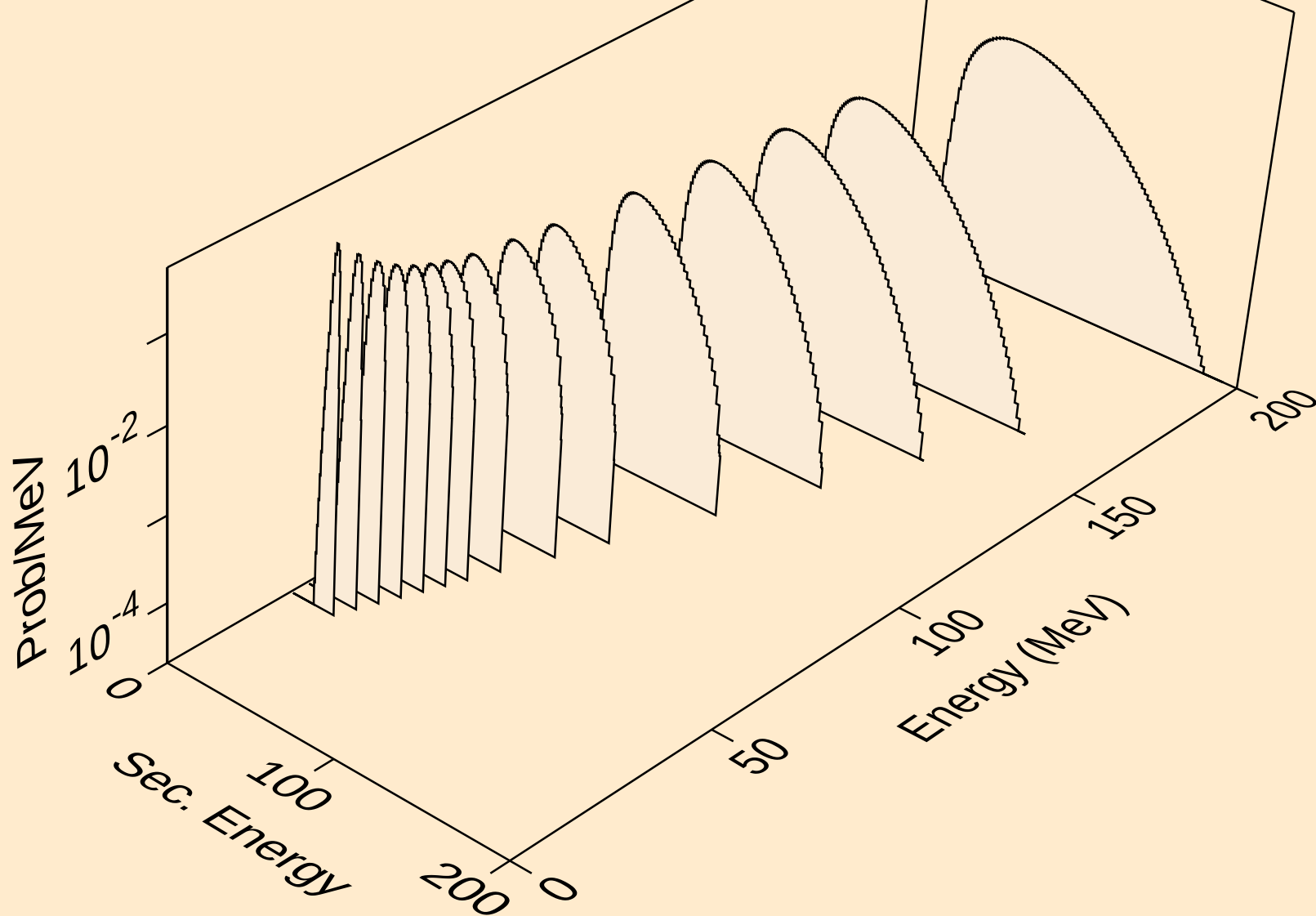
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



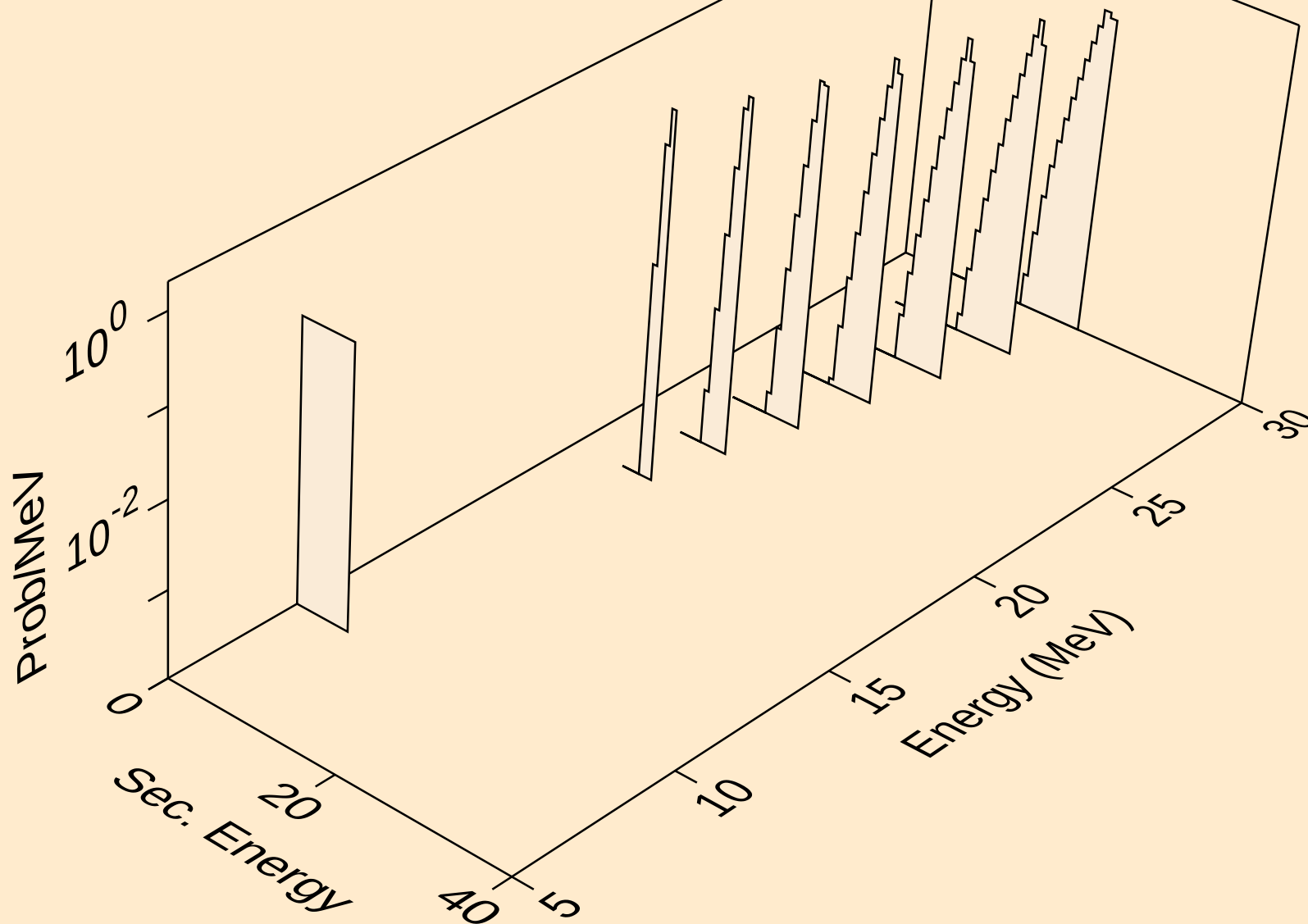
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,t)



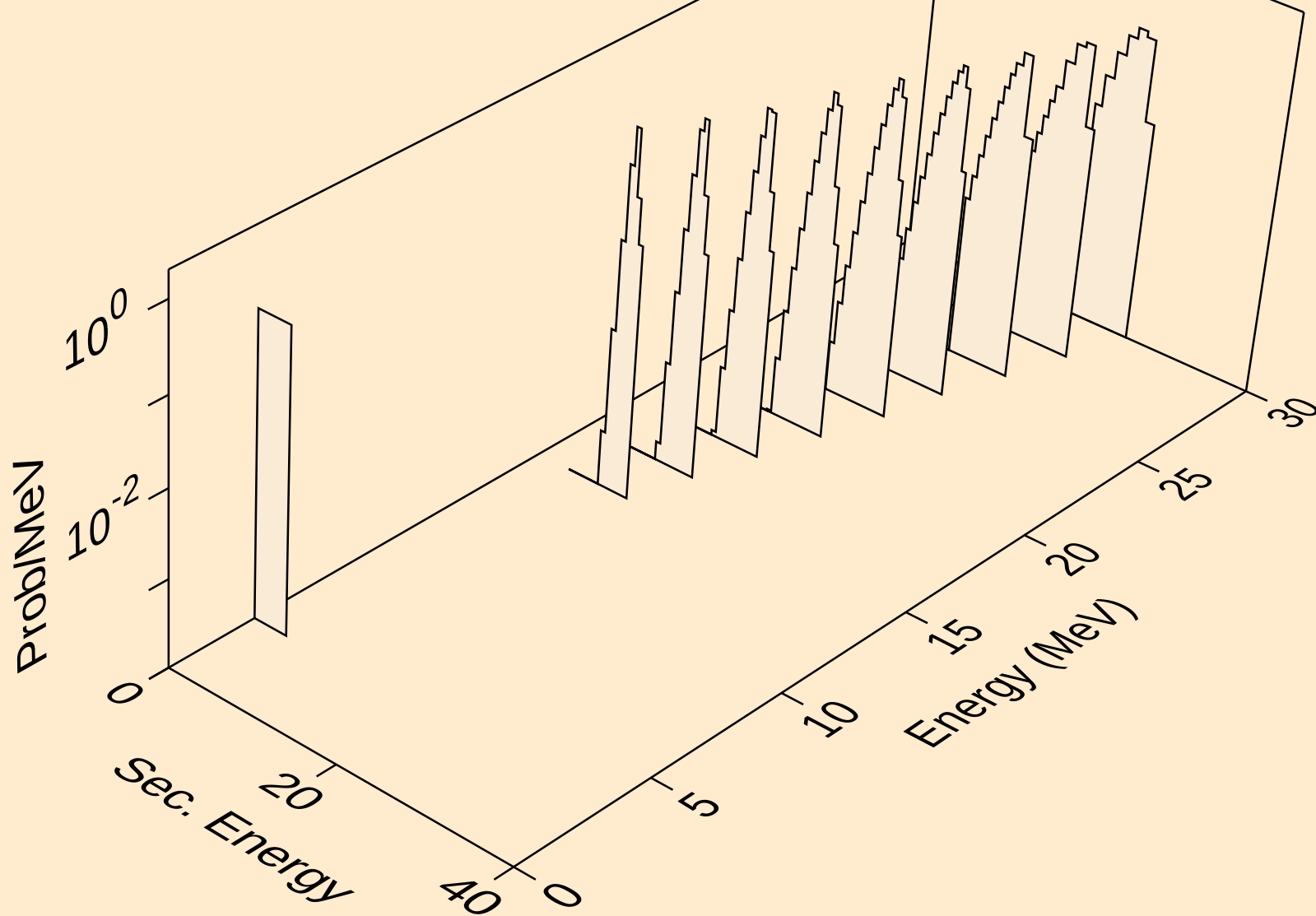
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



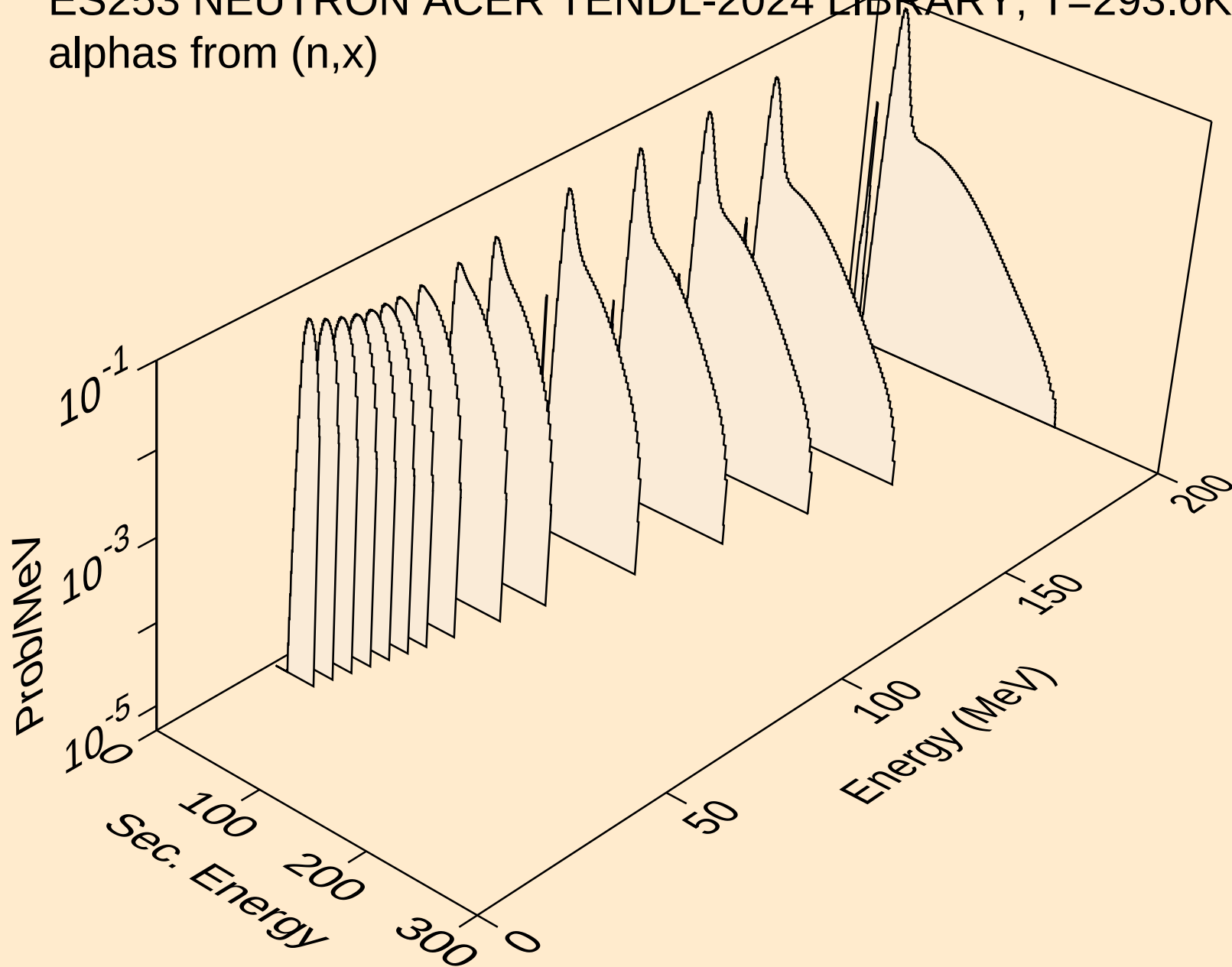
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



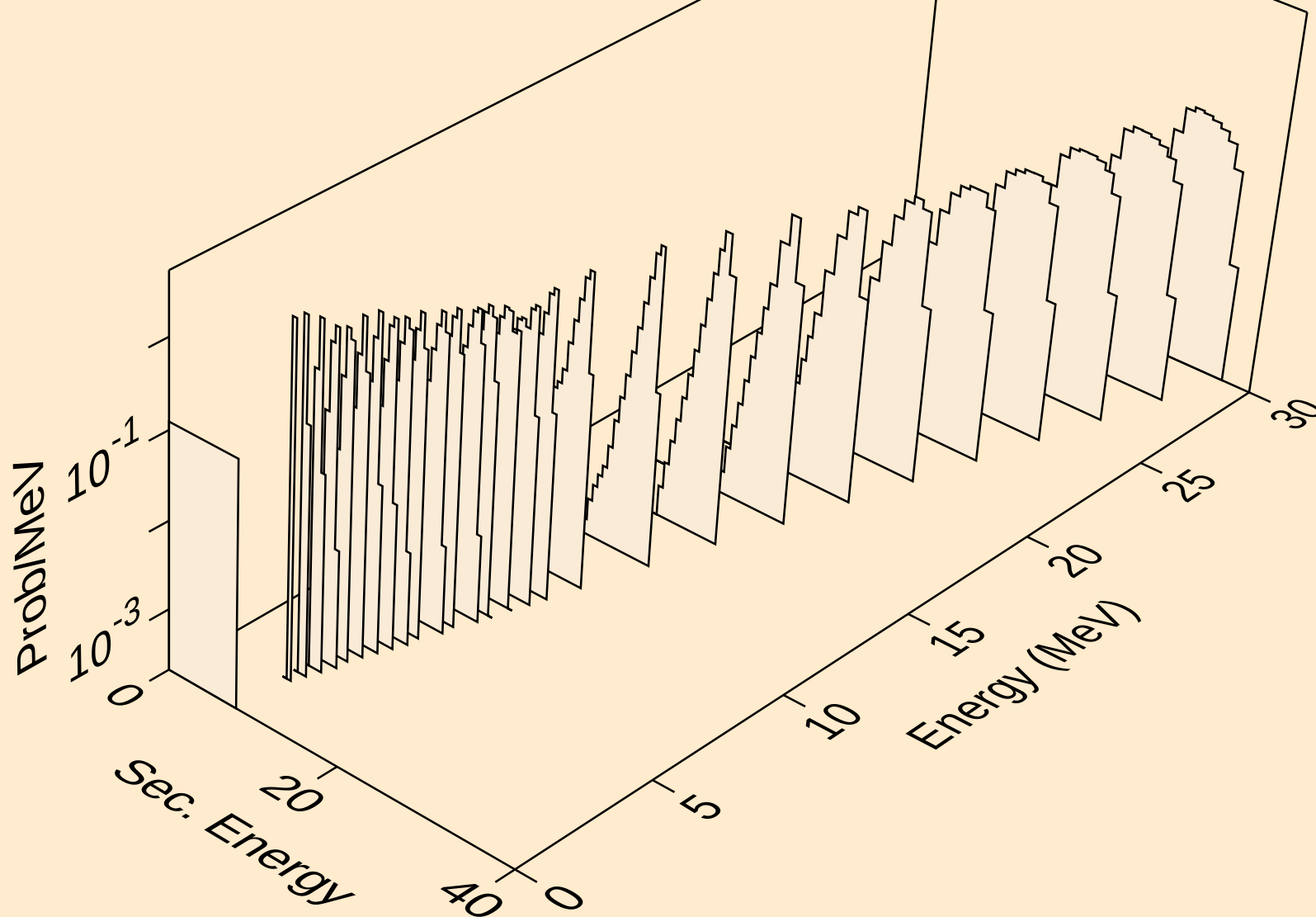
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,he3)



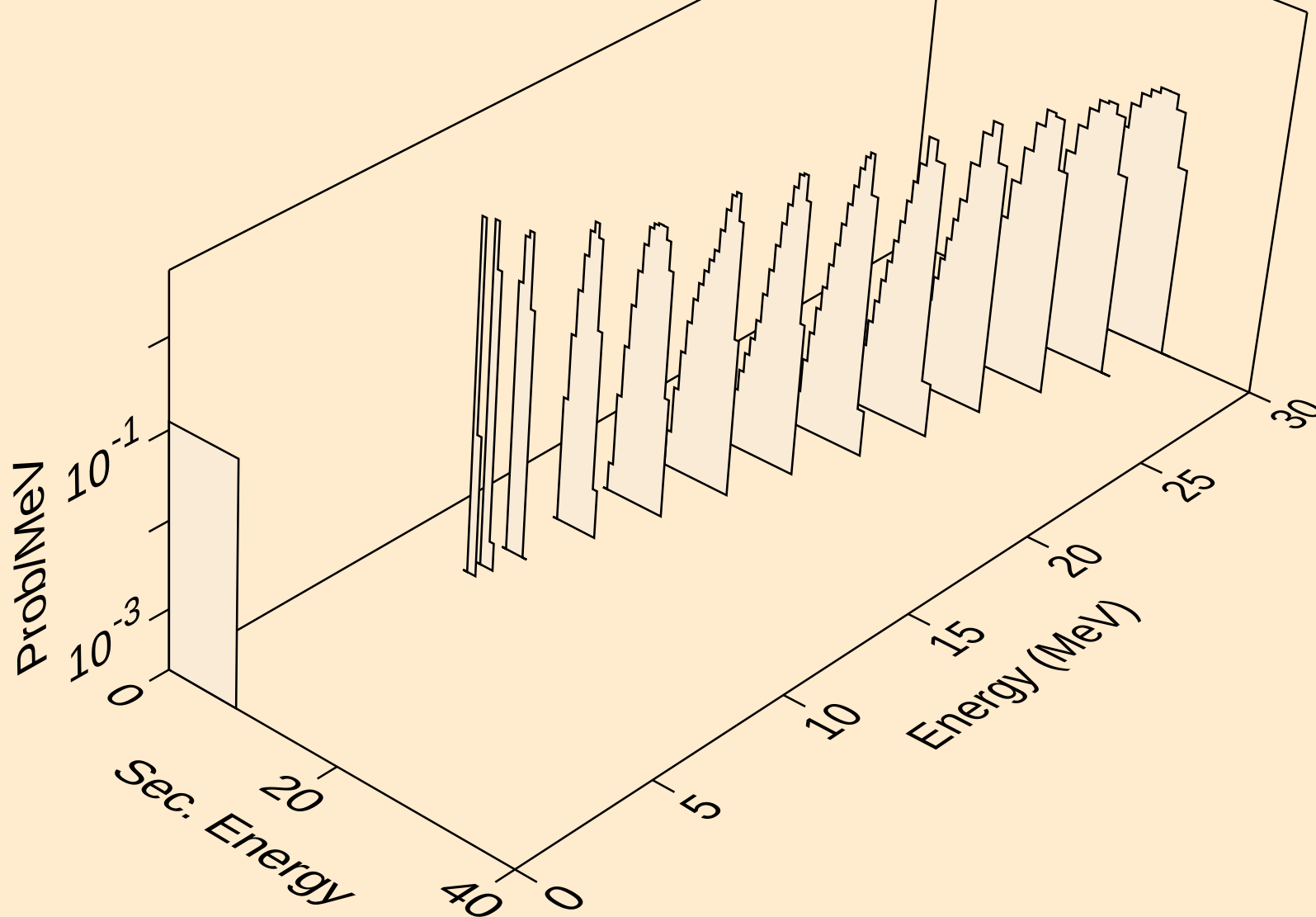
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



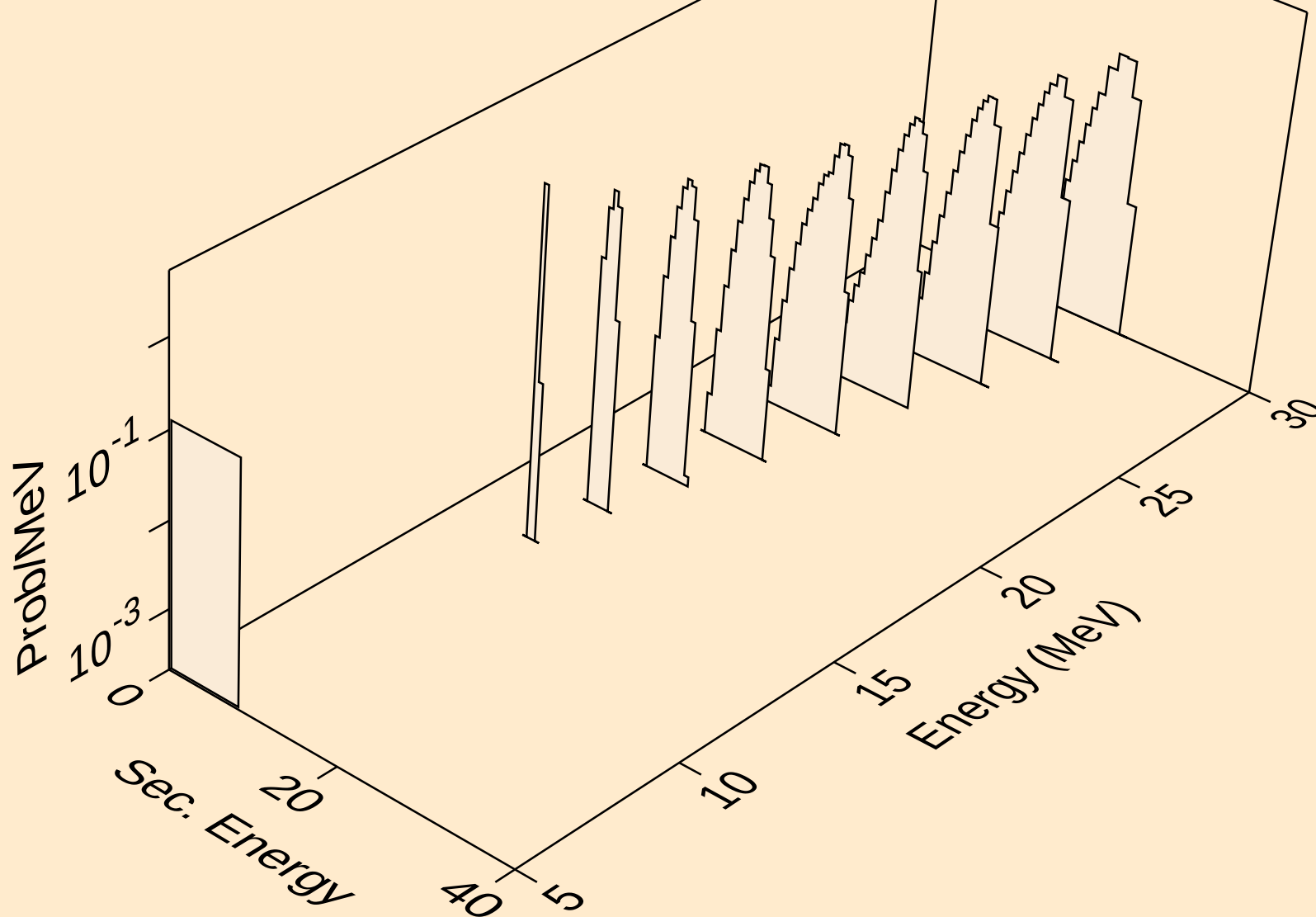
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



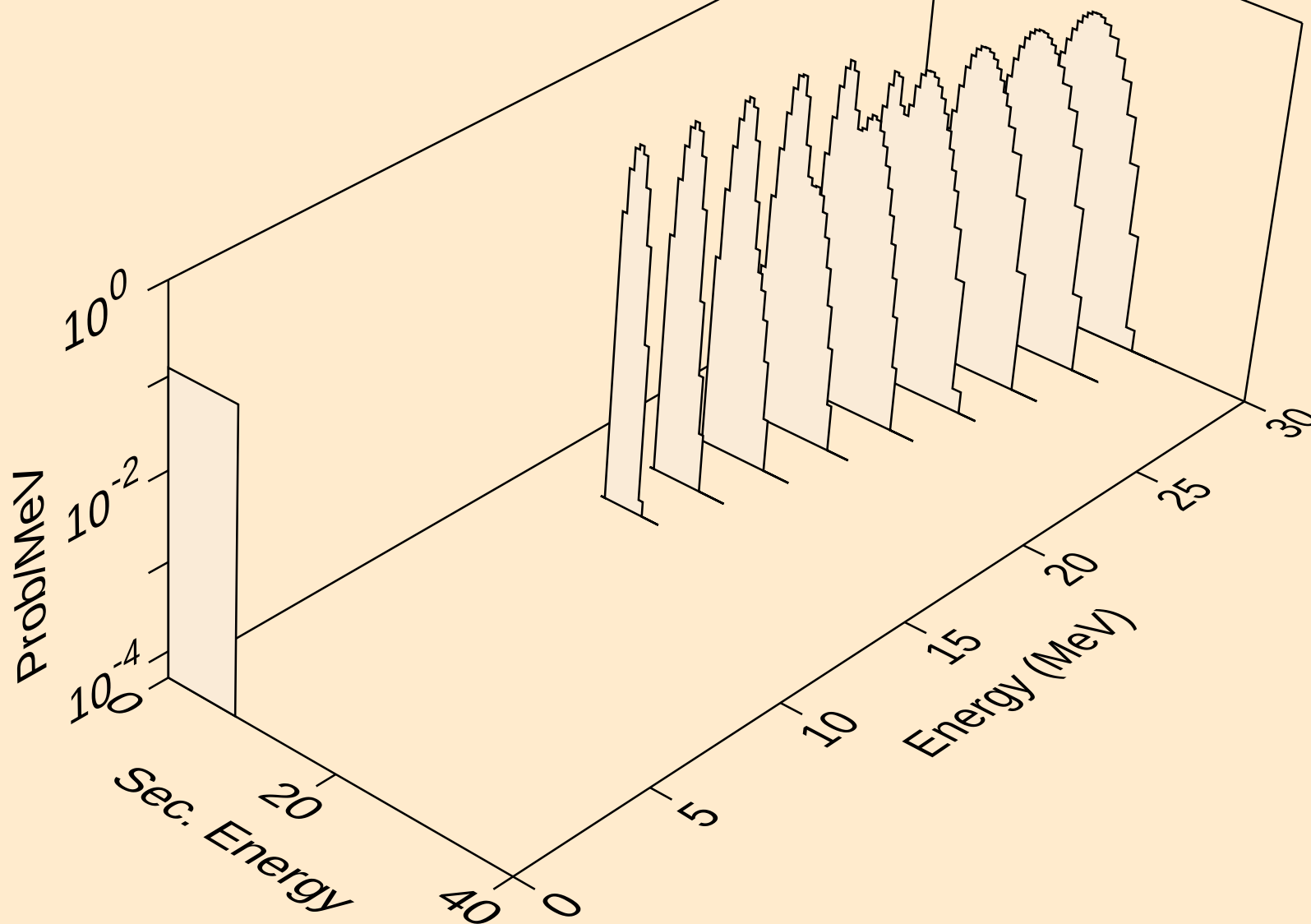
ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3n) α



ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



ES253 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)

