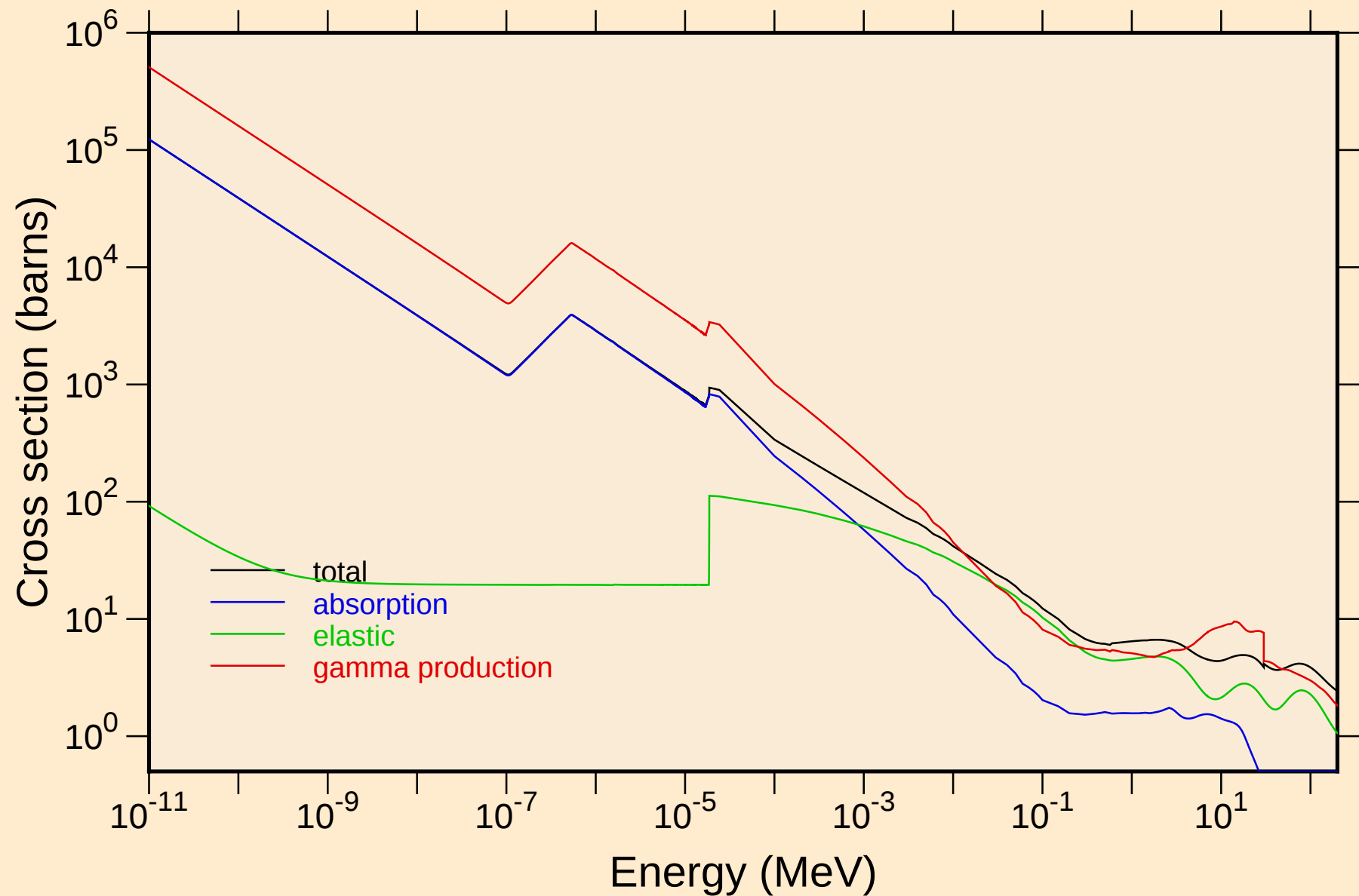
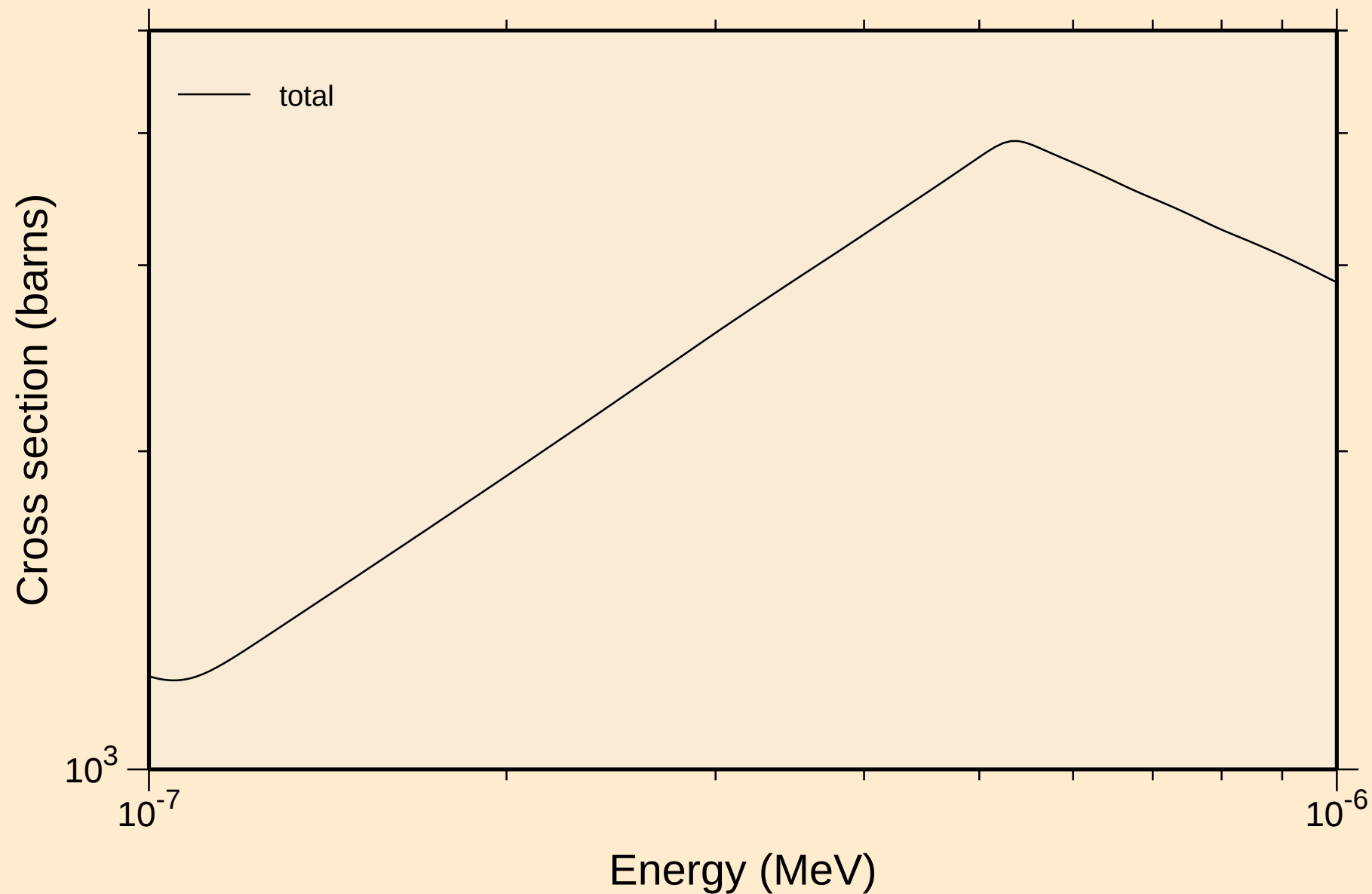


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

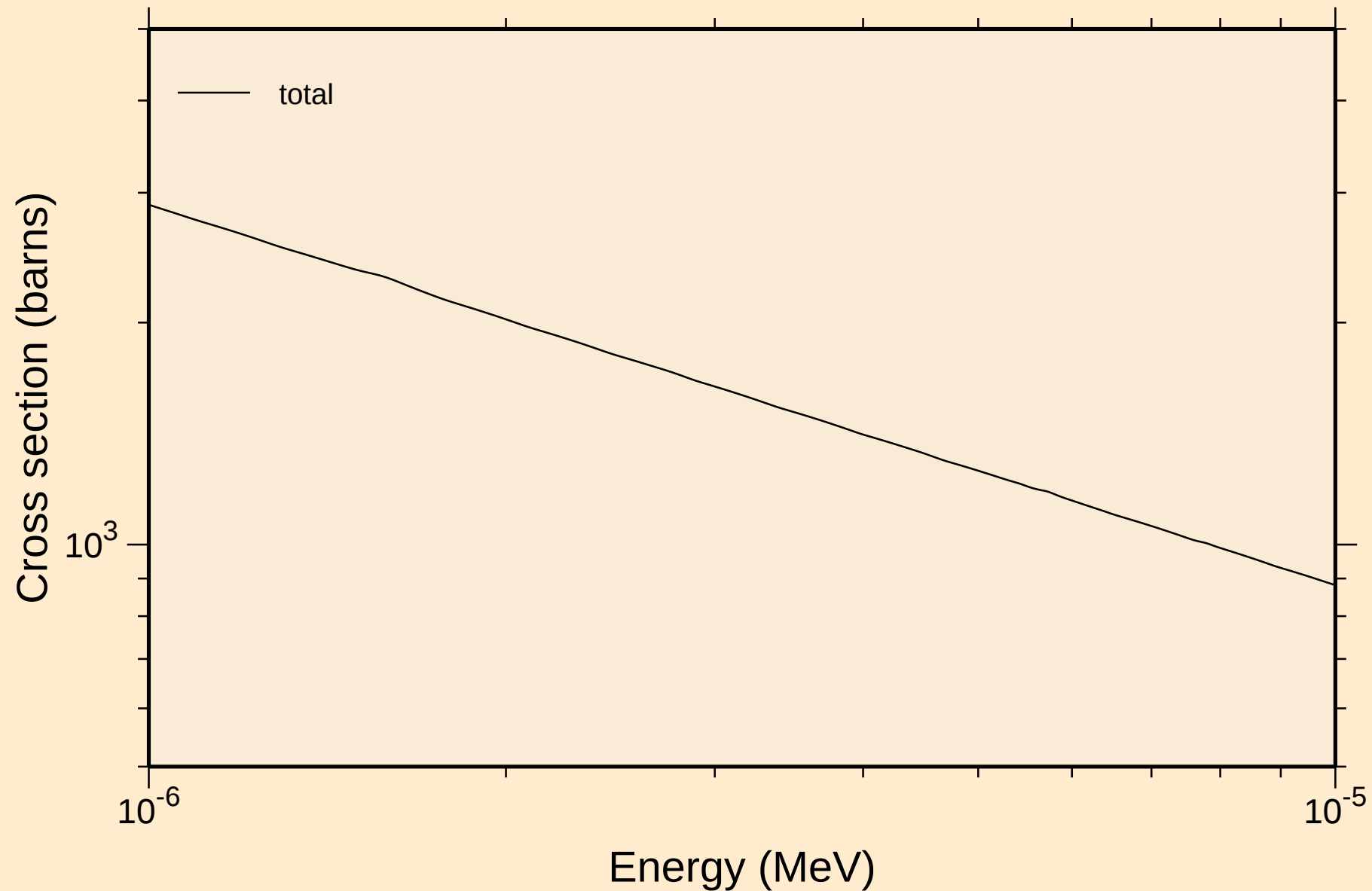
Principal cross sections



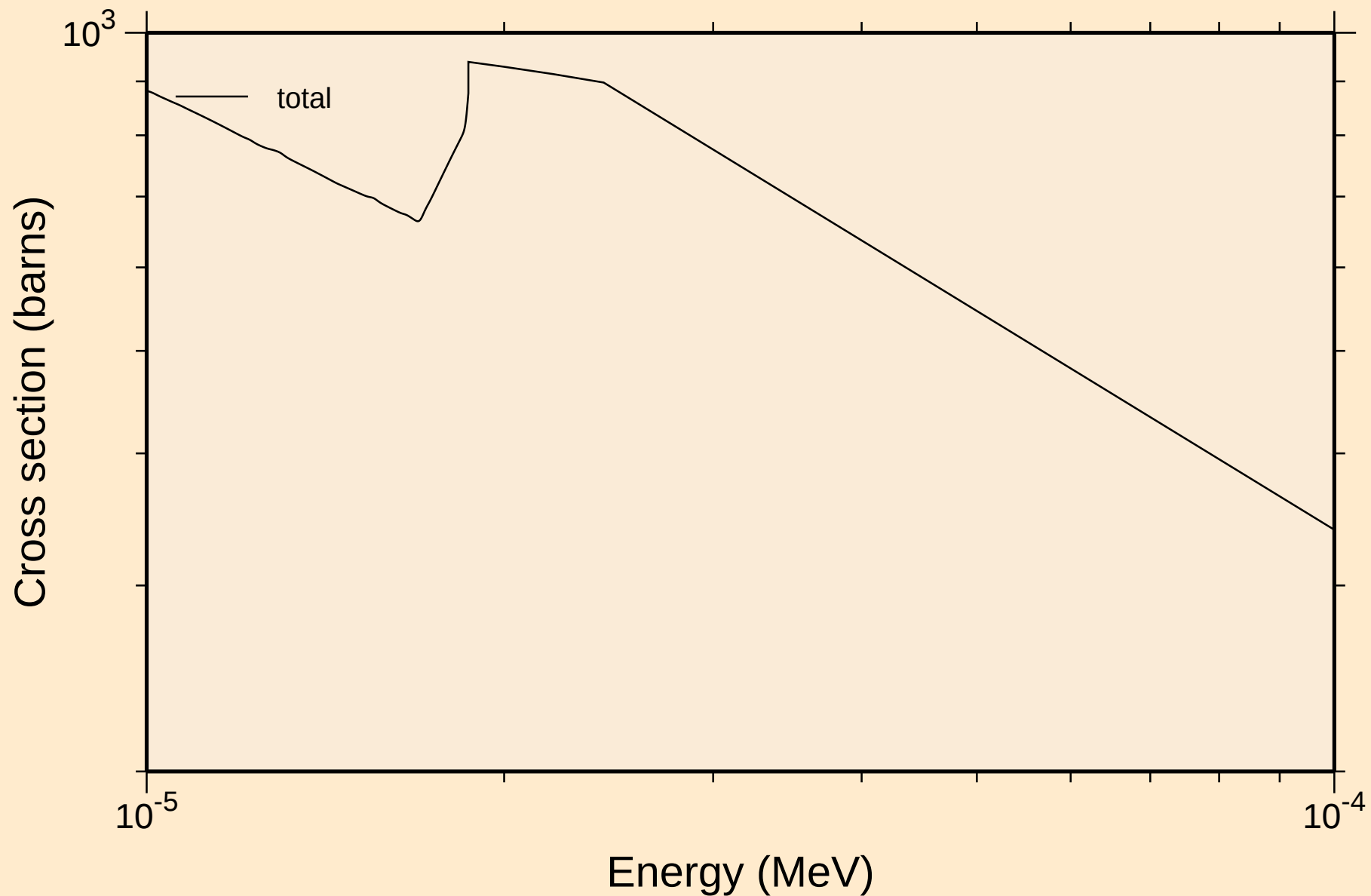
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



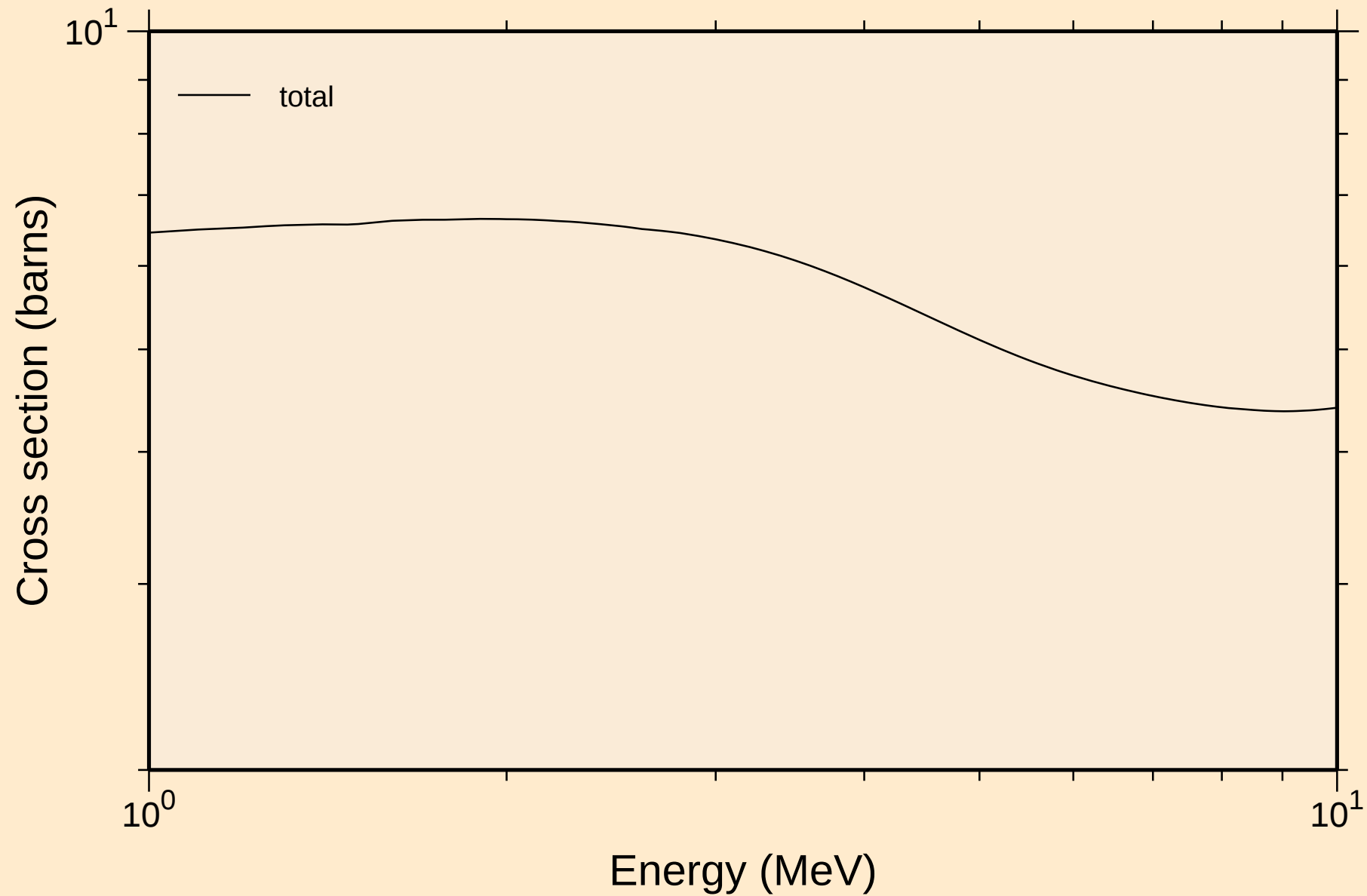
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



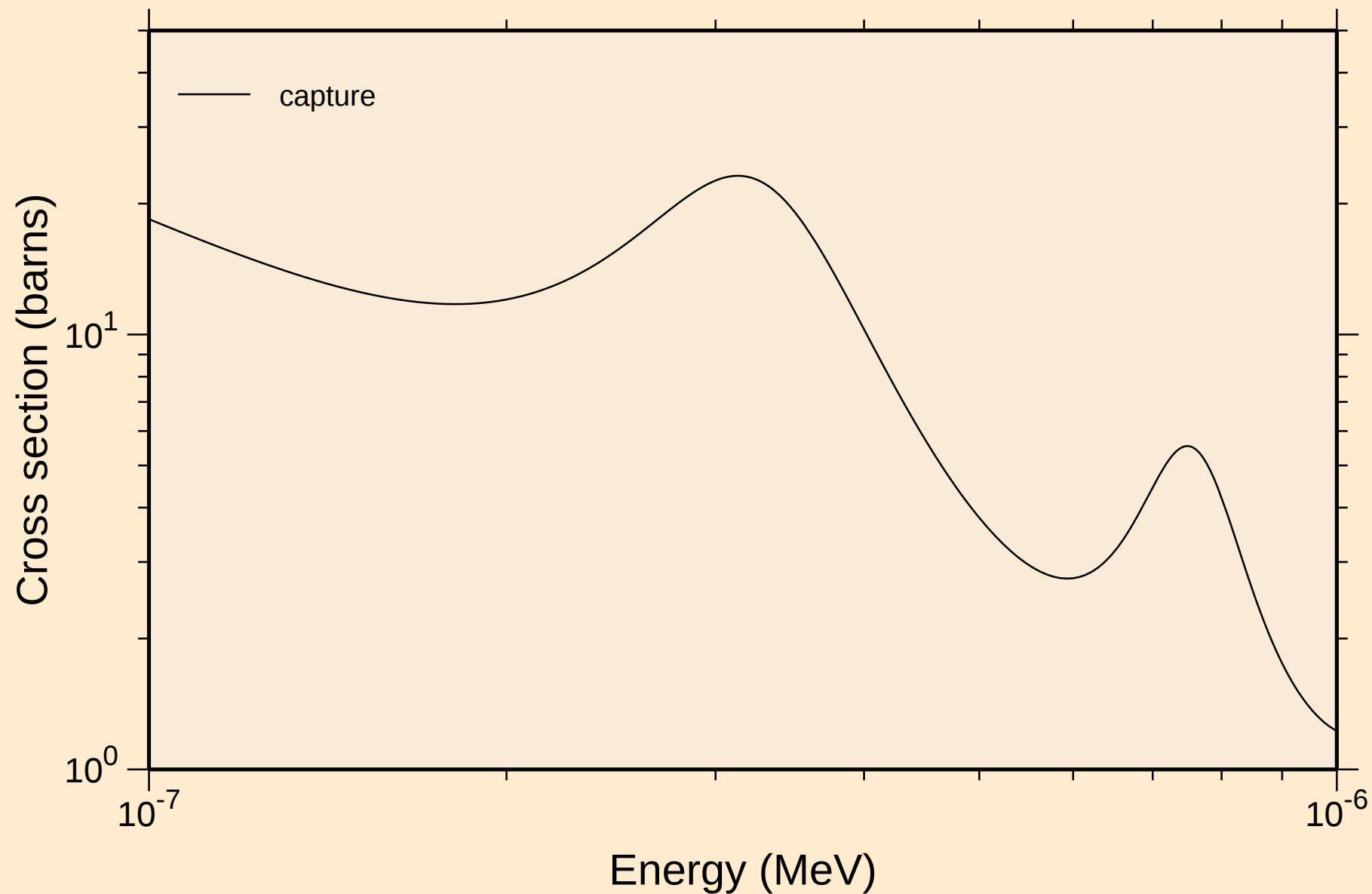
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



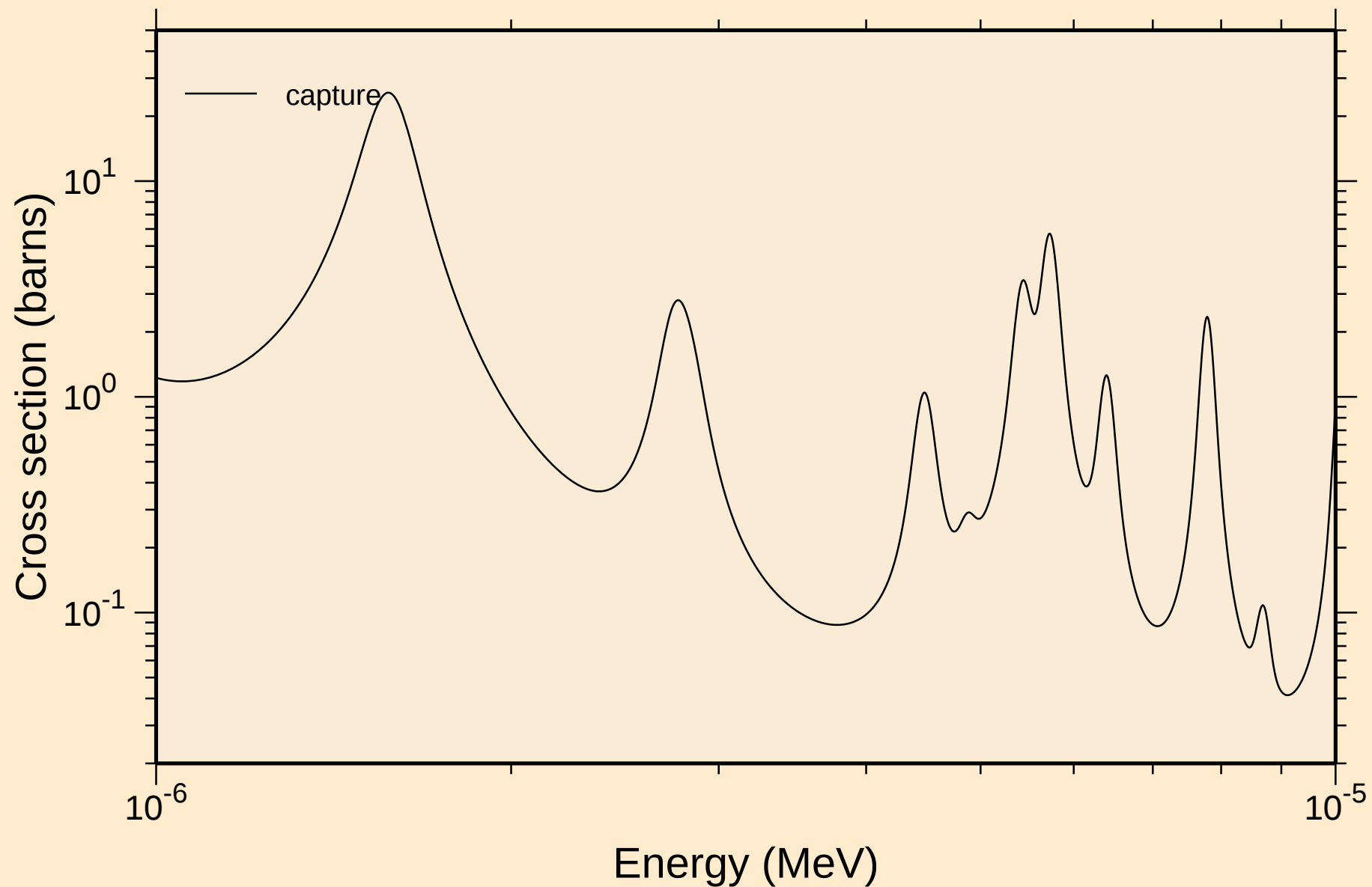
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



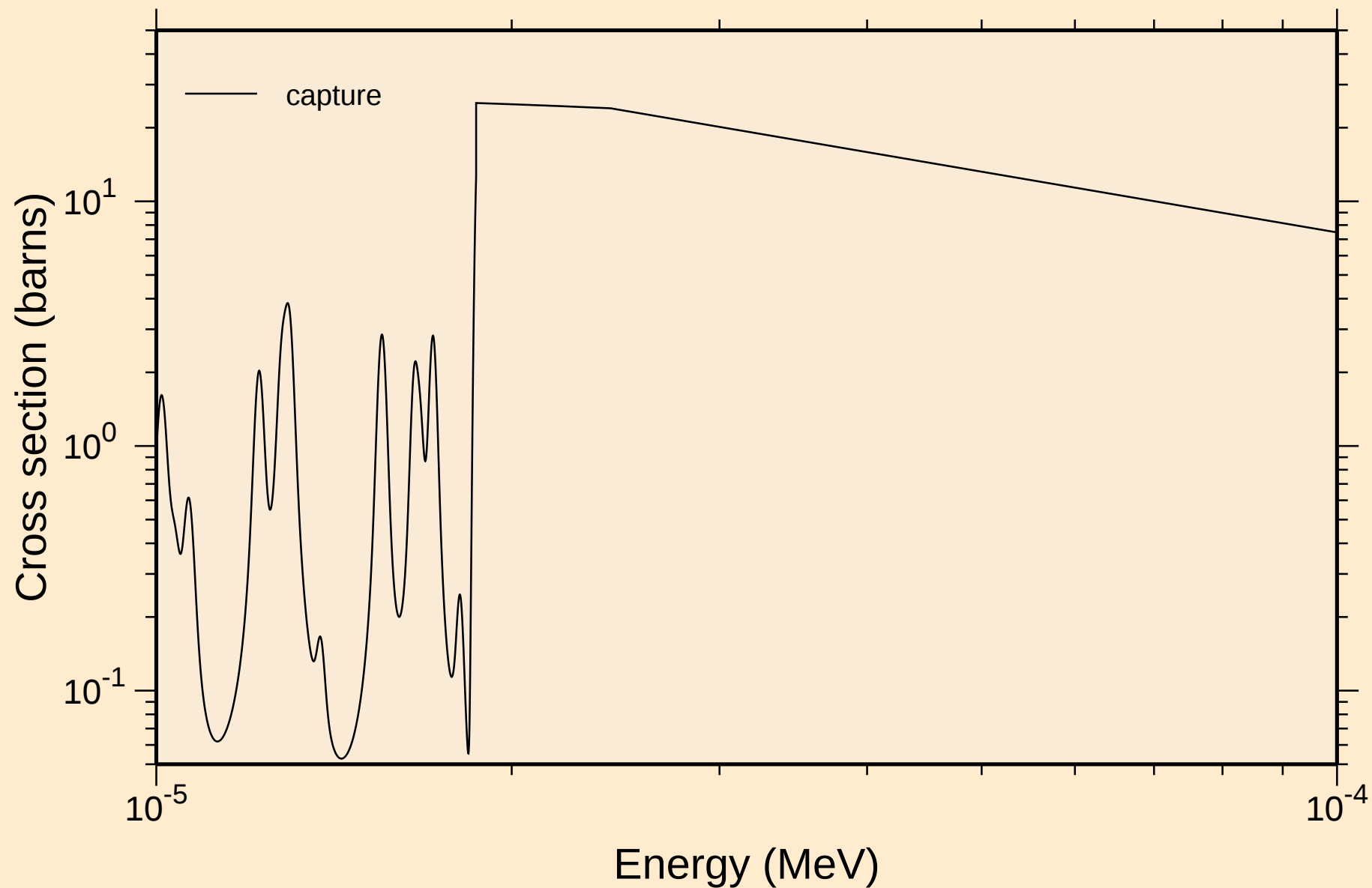
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



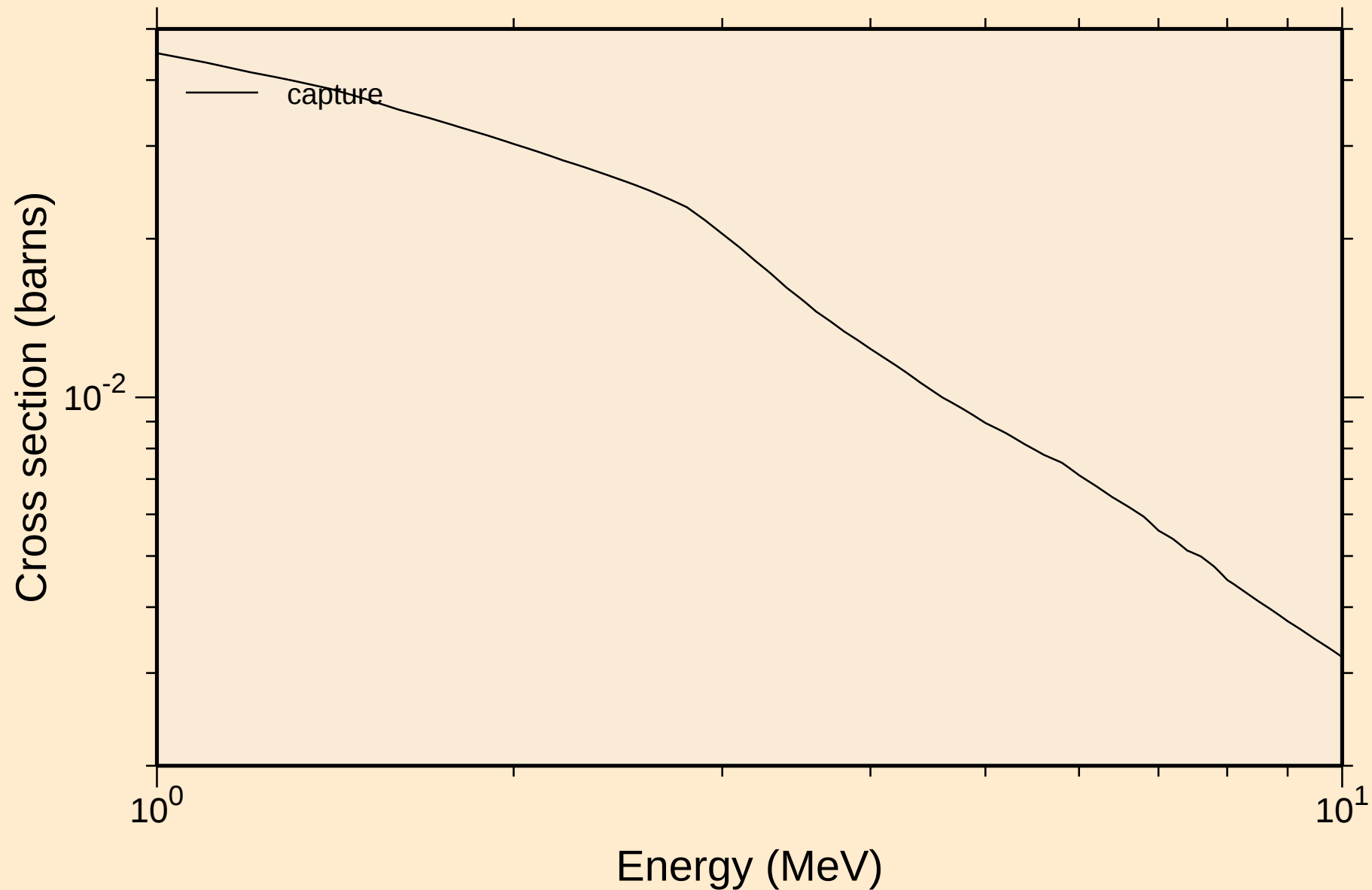
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

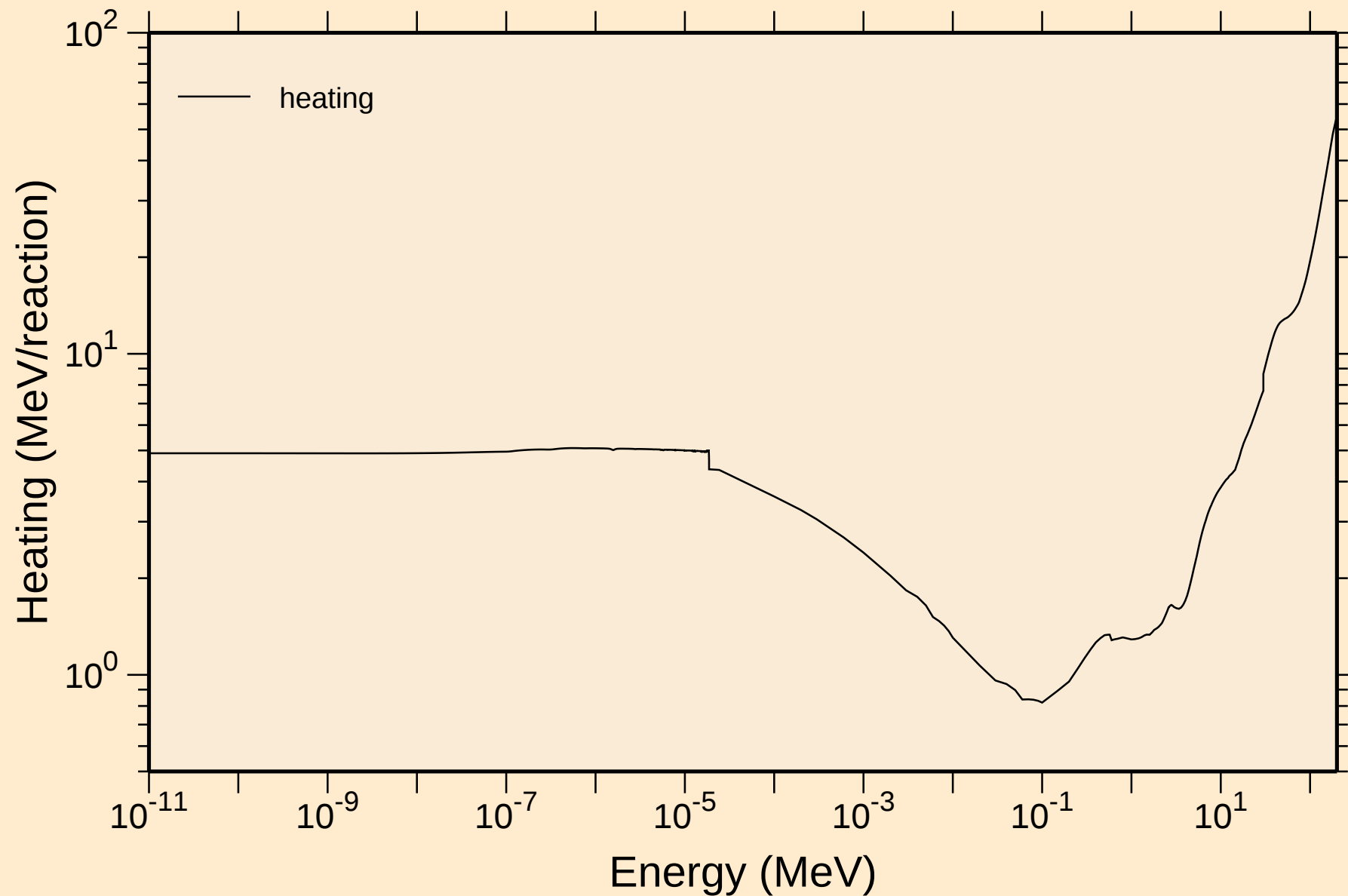


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



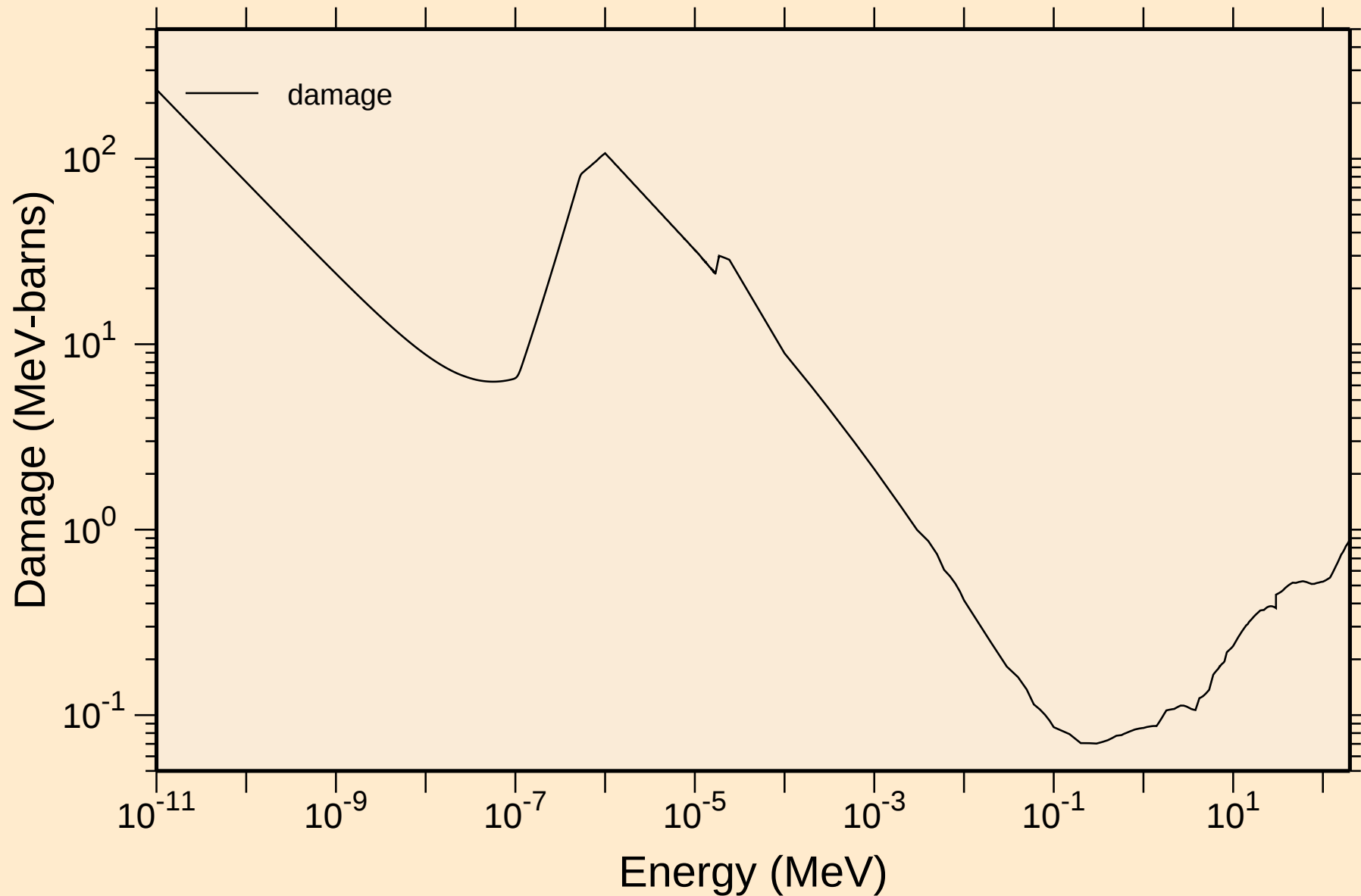
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

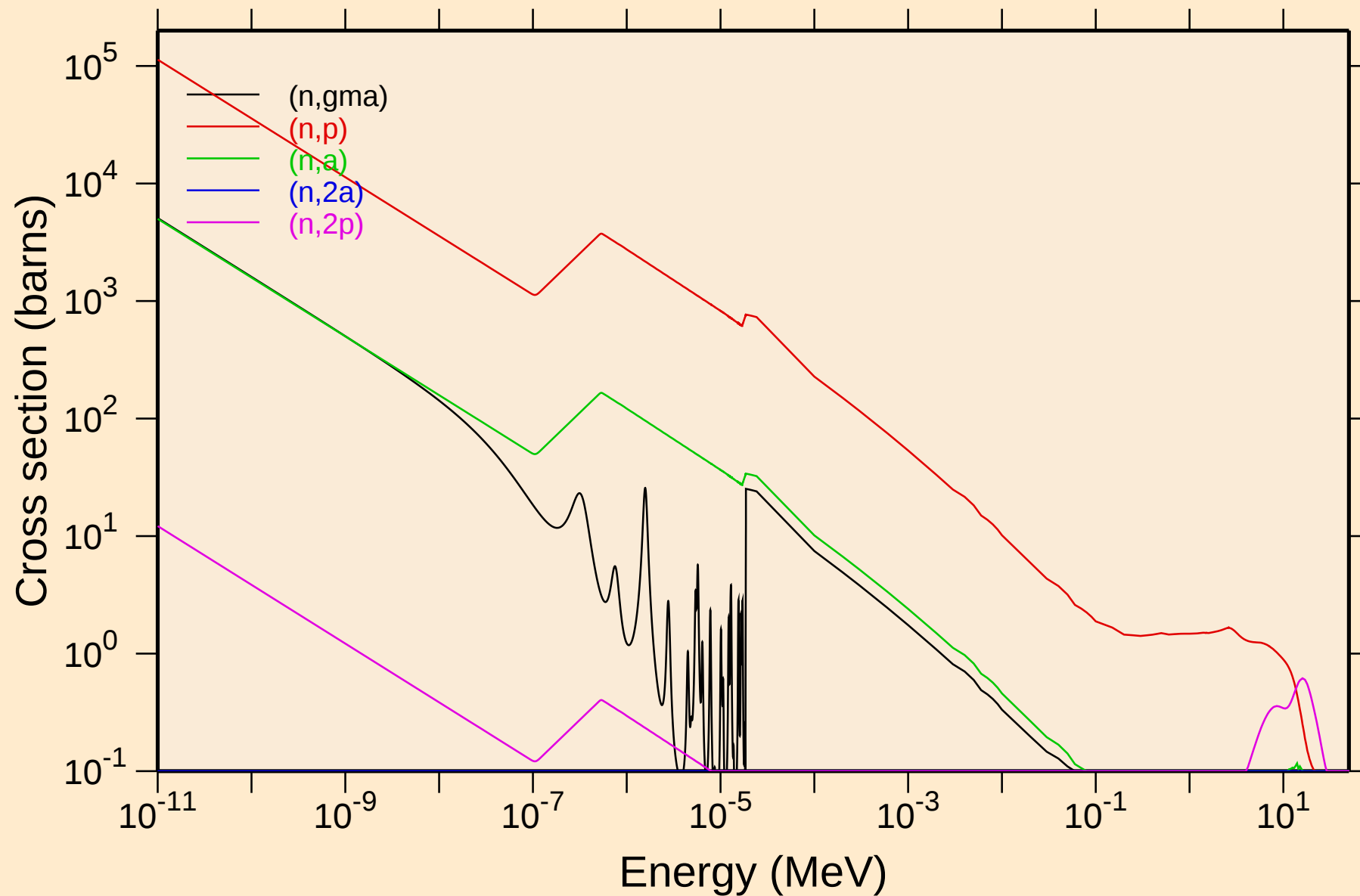


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

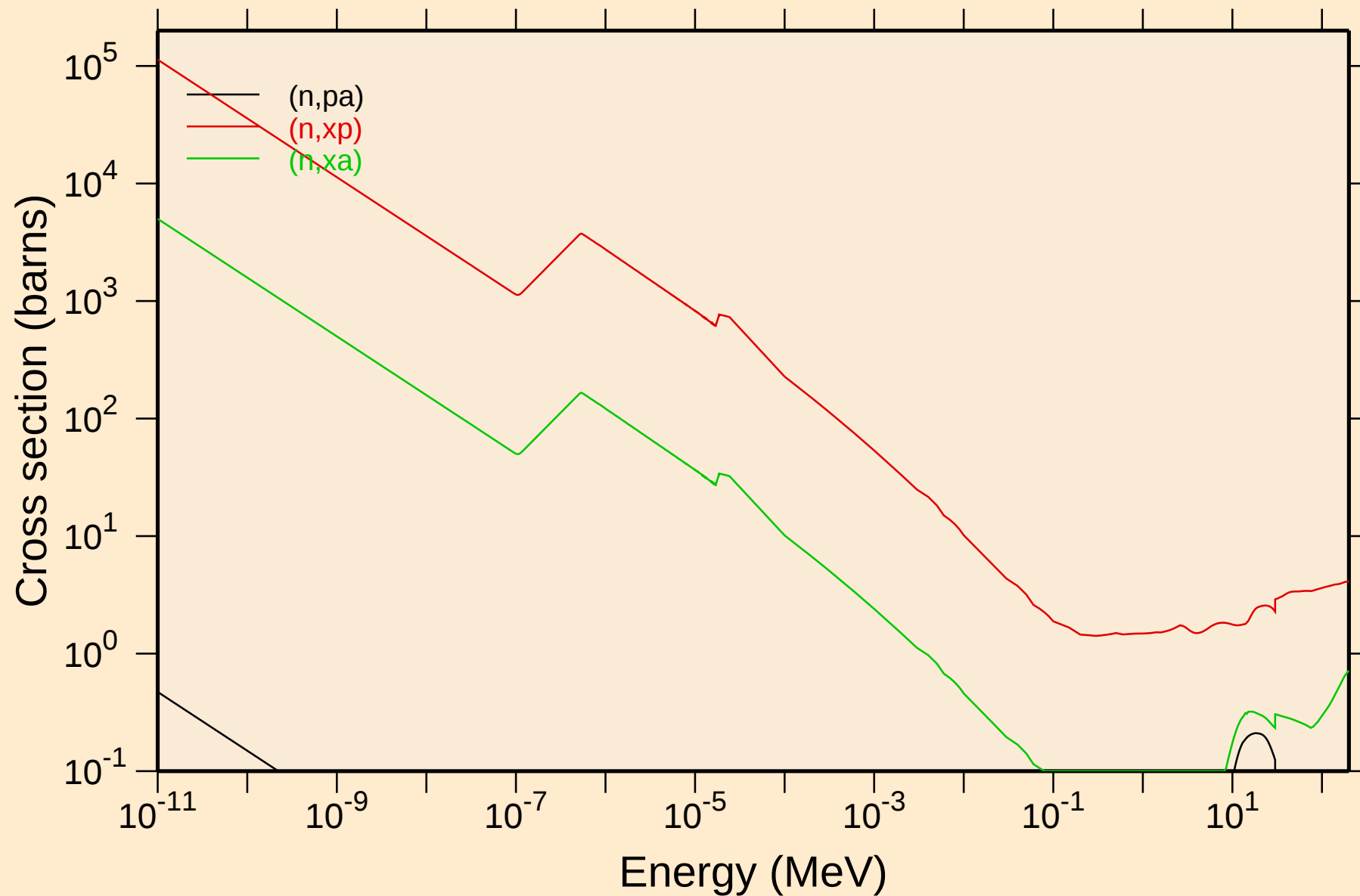
Damage



YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

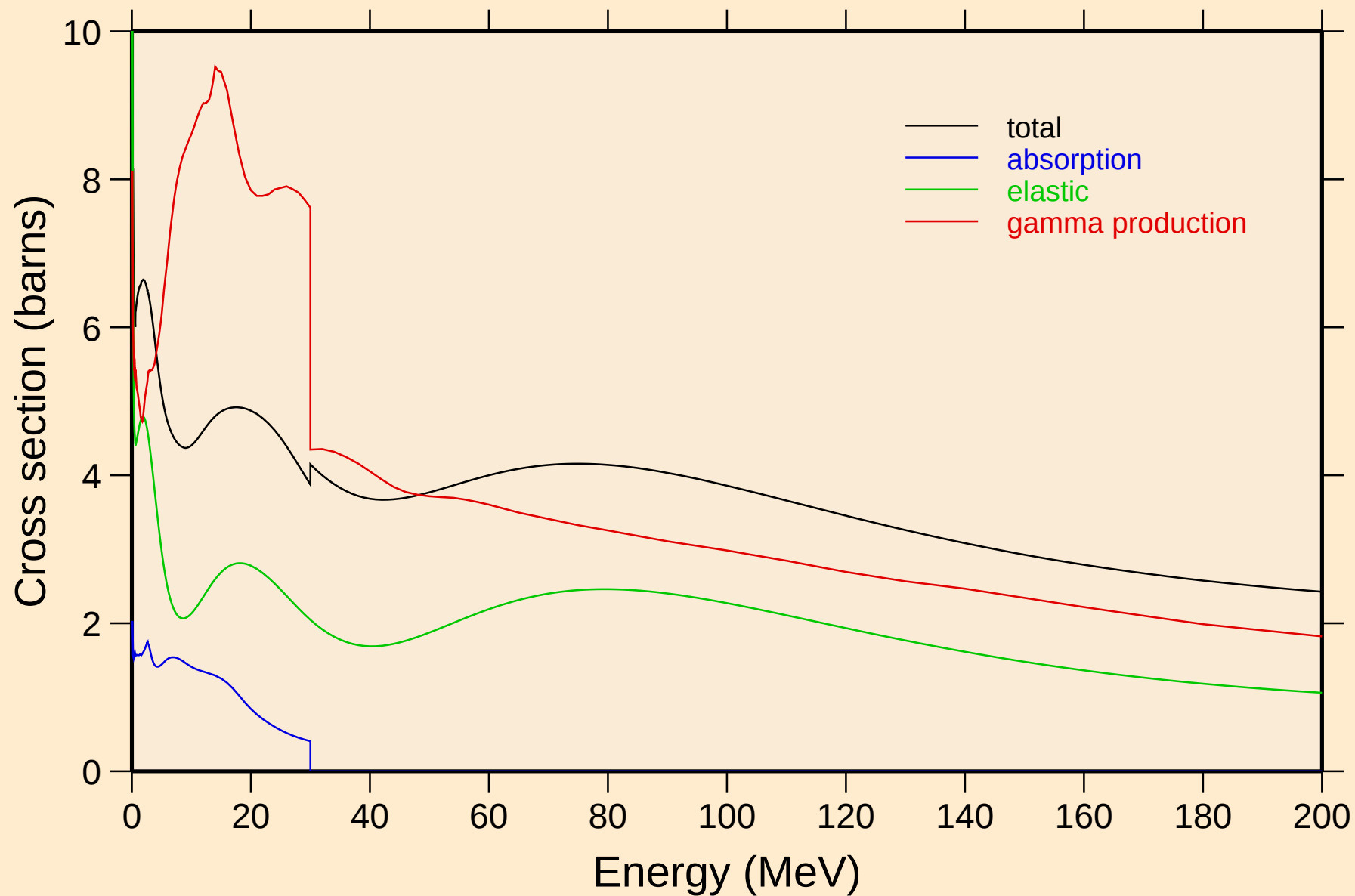


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



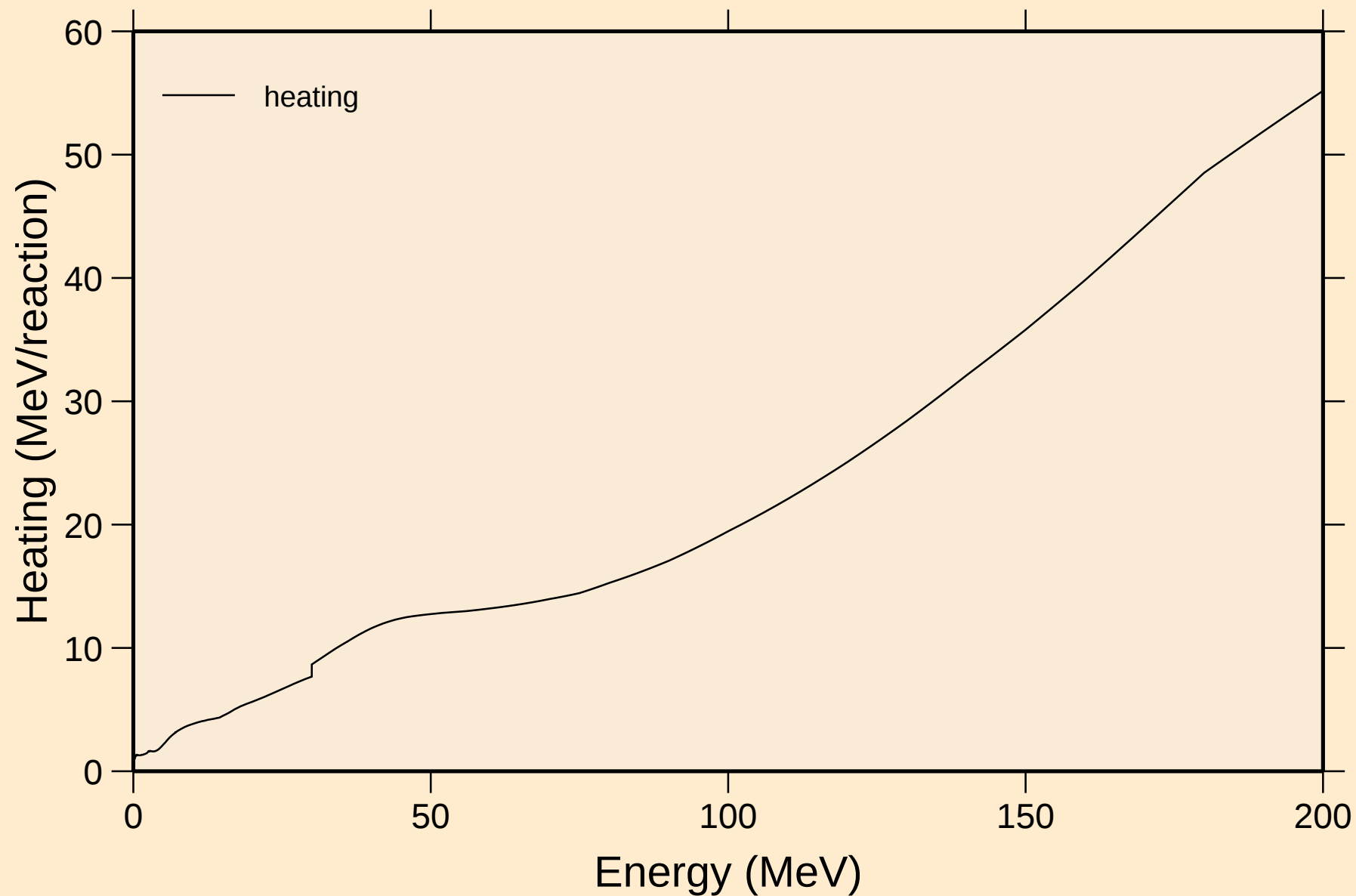
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections

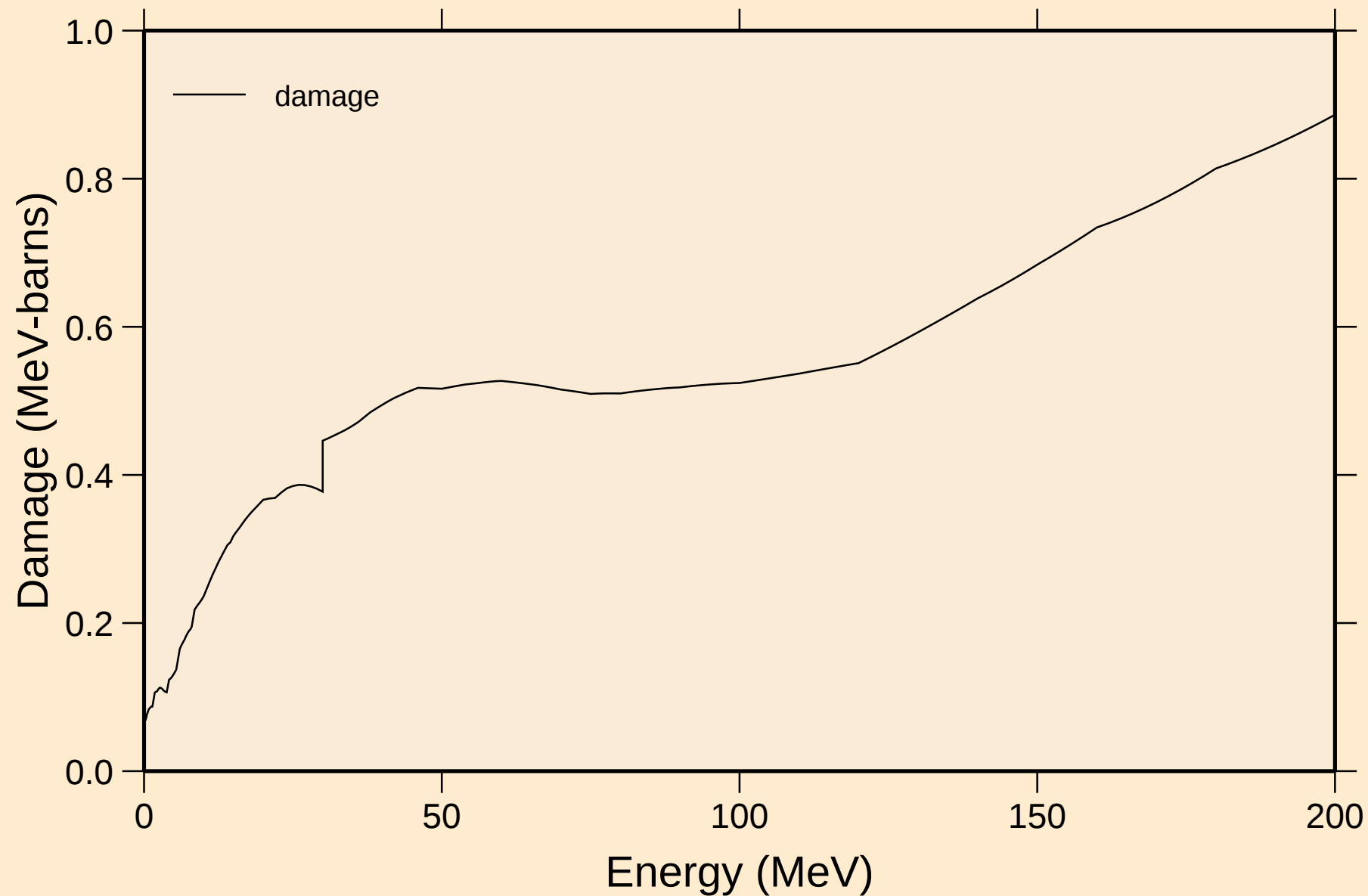


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

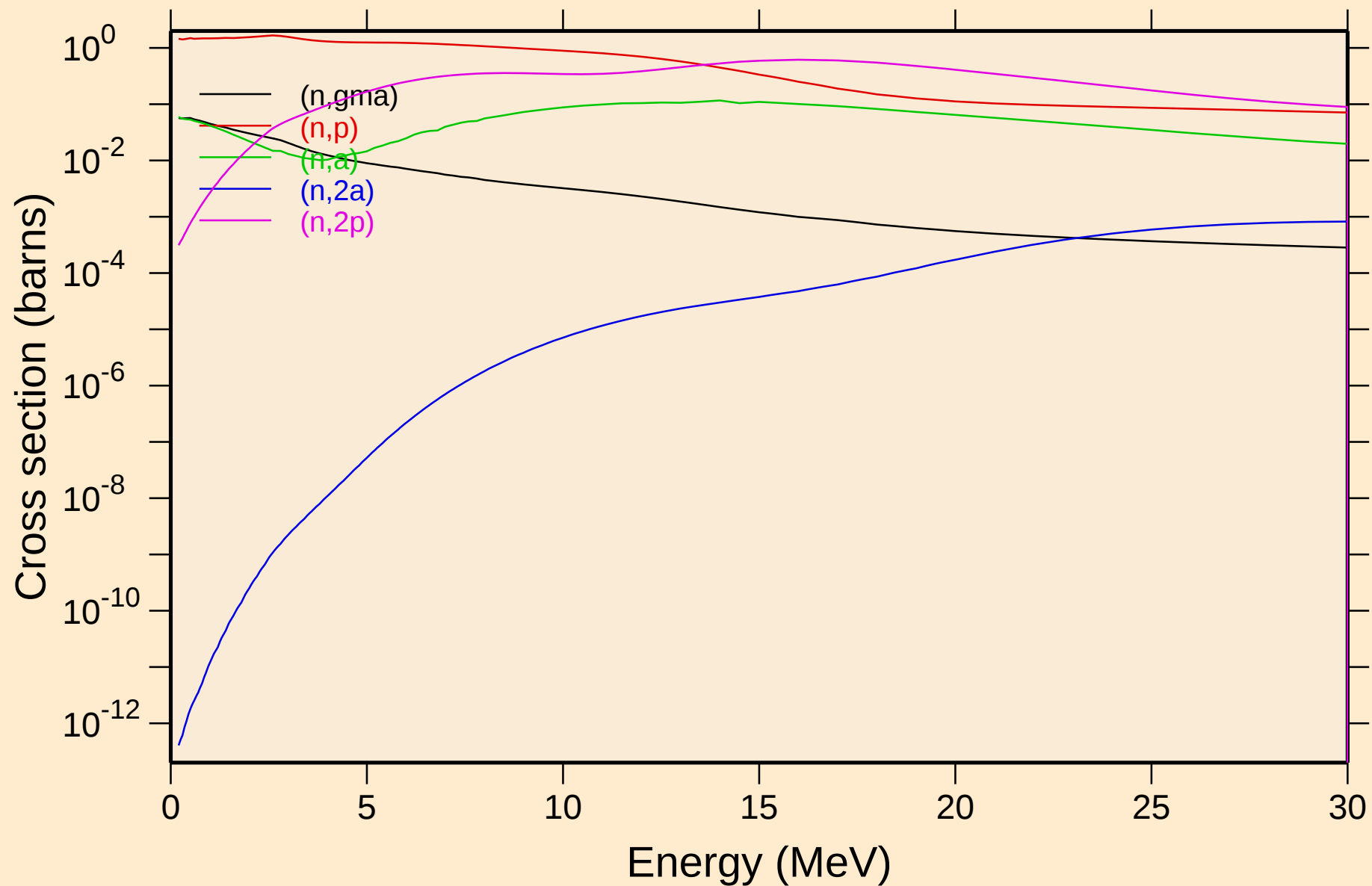
Heating



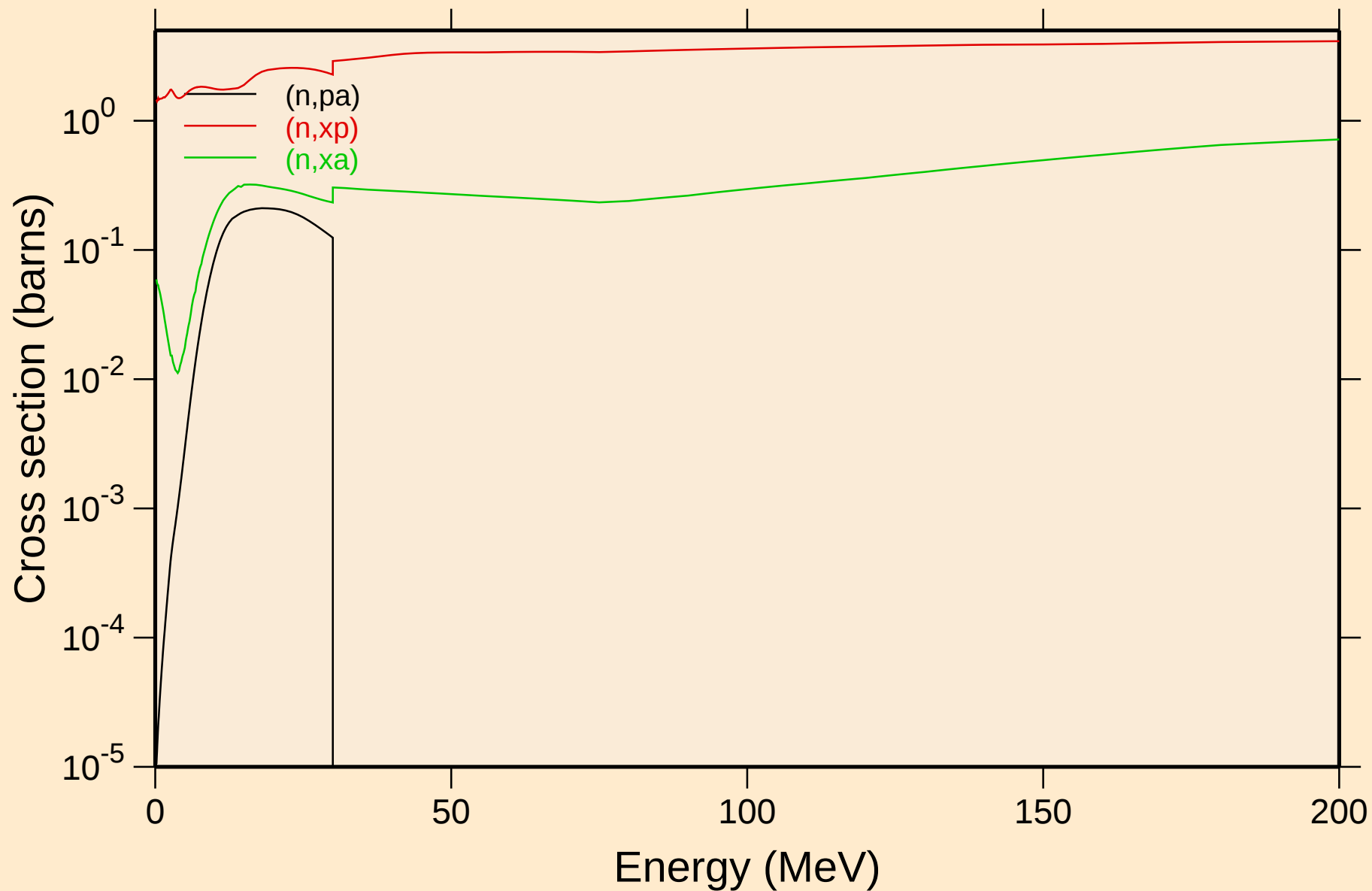
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage



YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

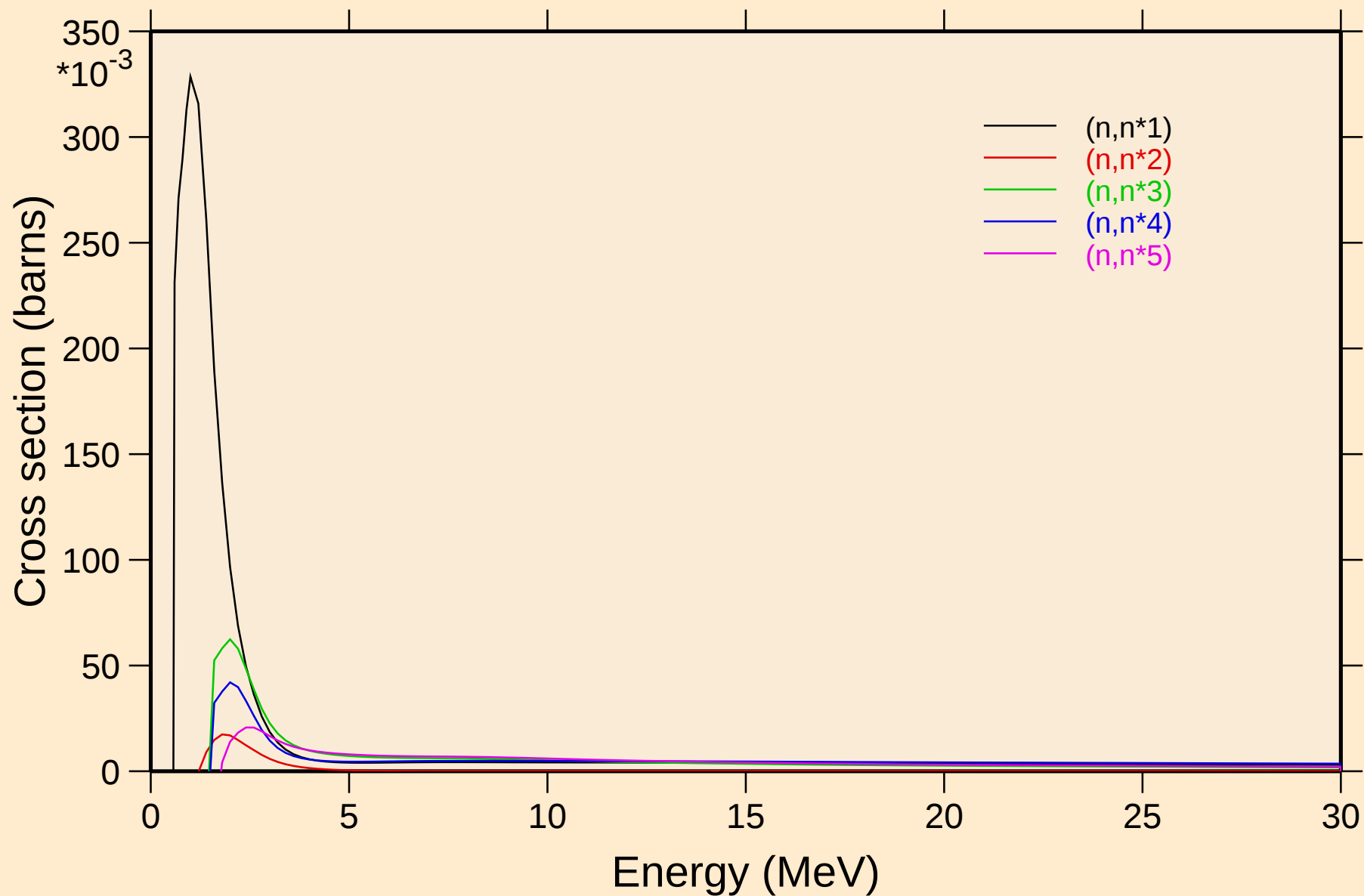


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



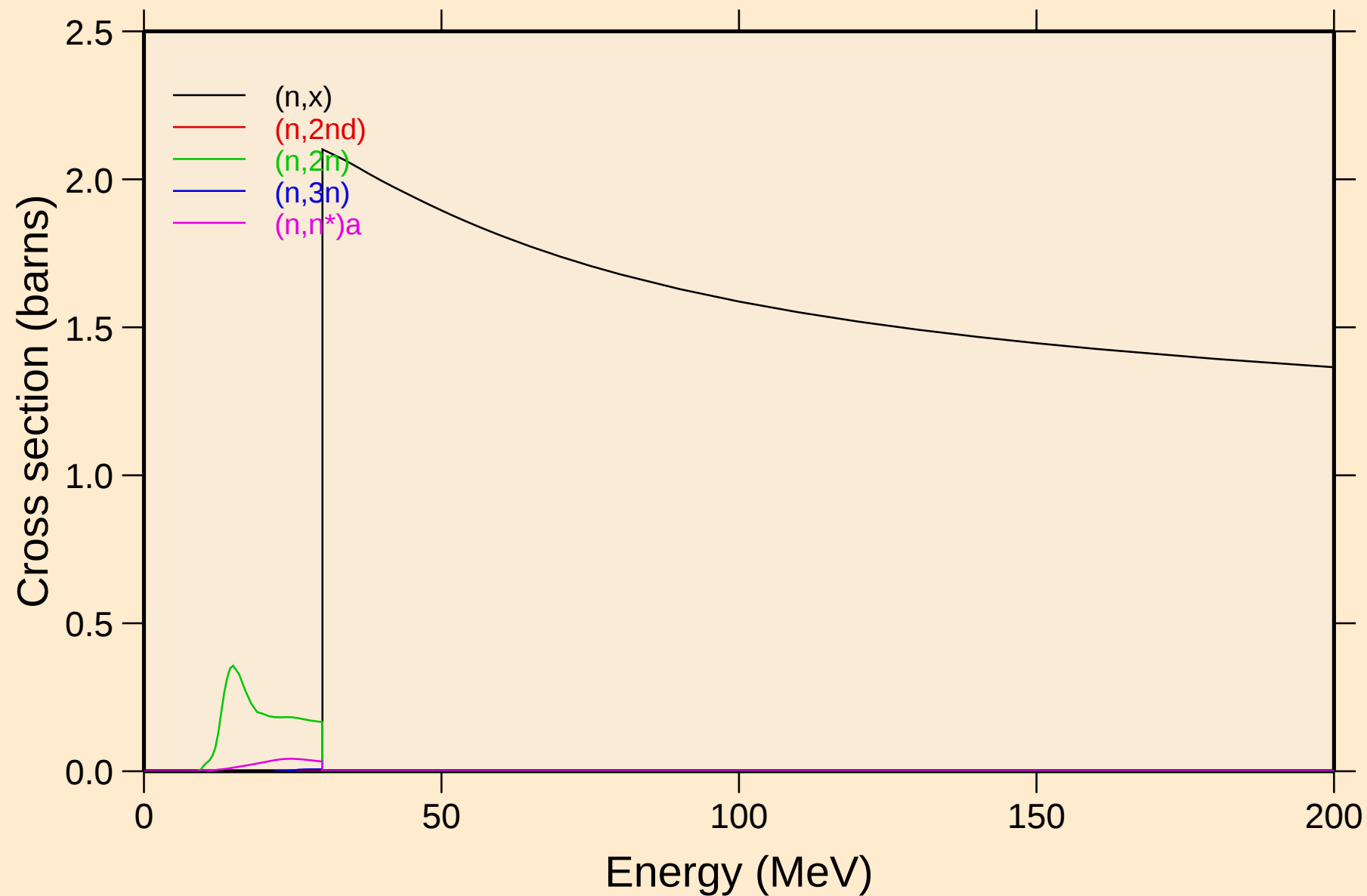
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

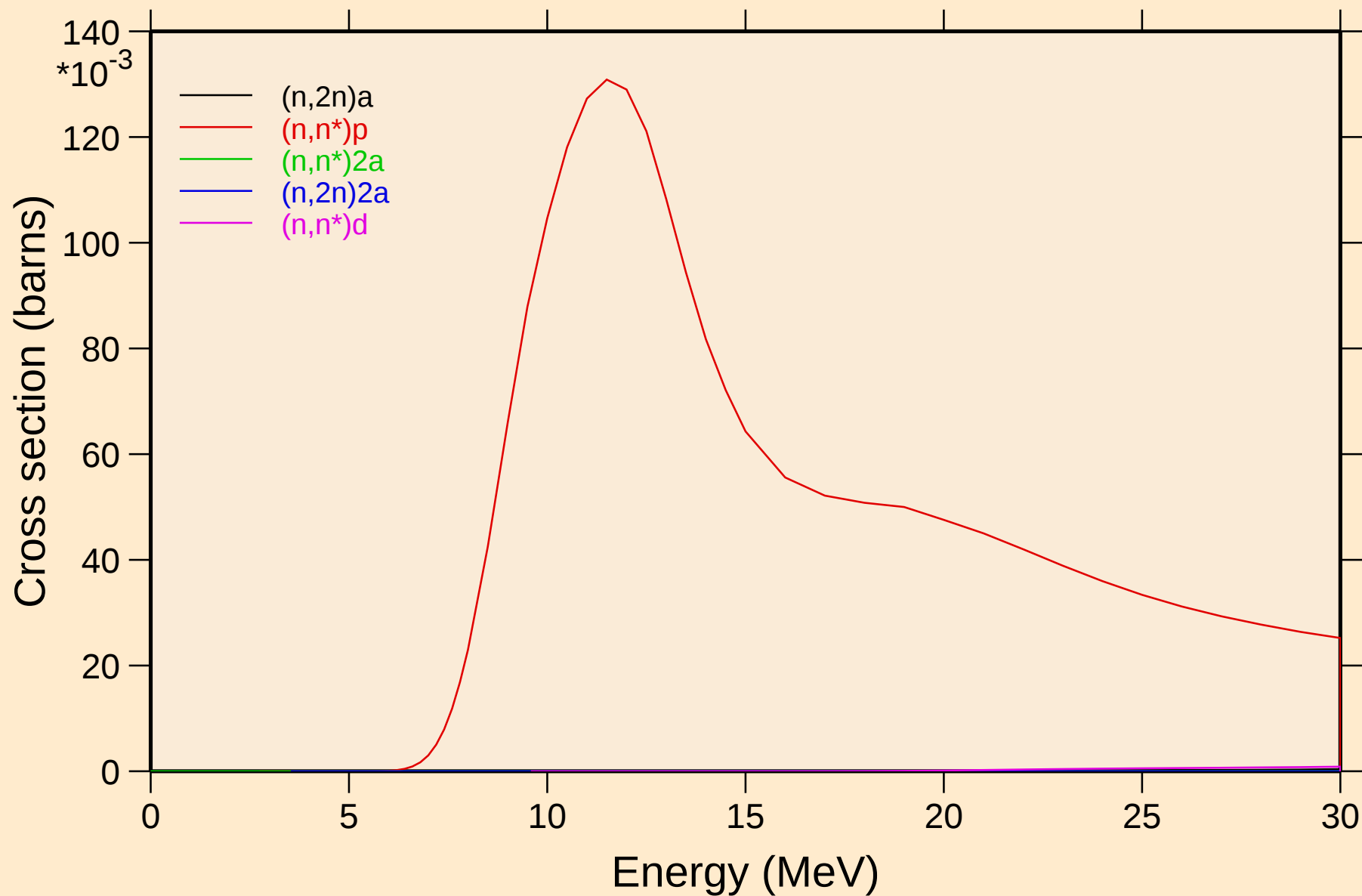


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

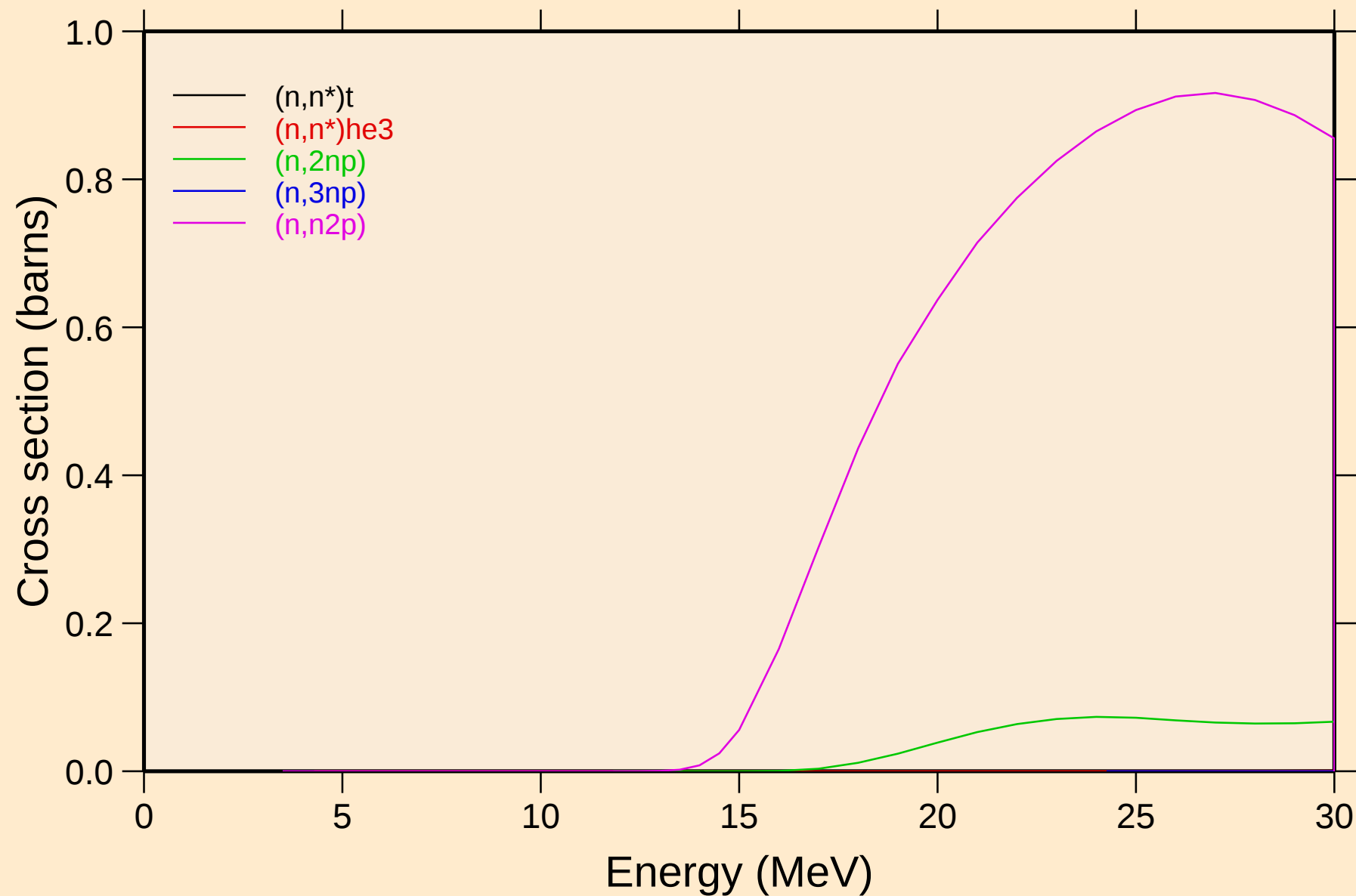
Threshold reactions



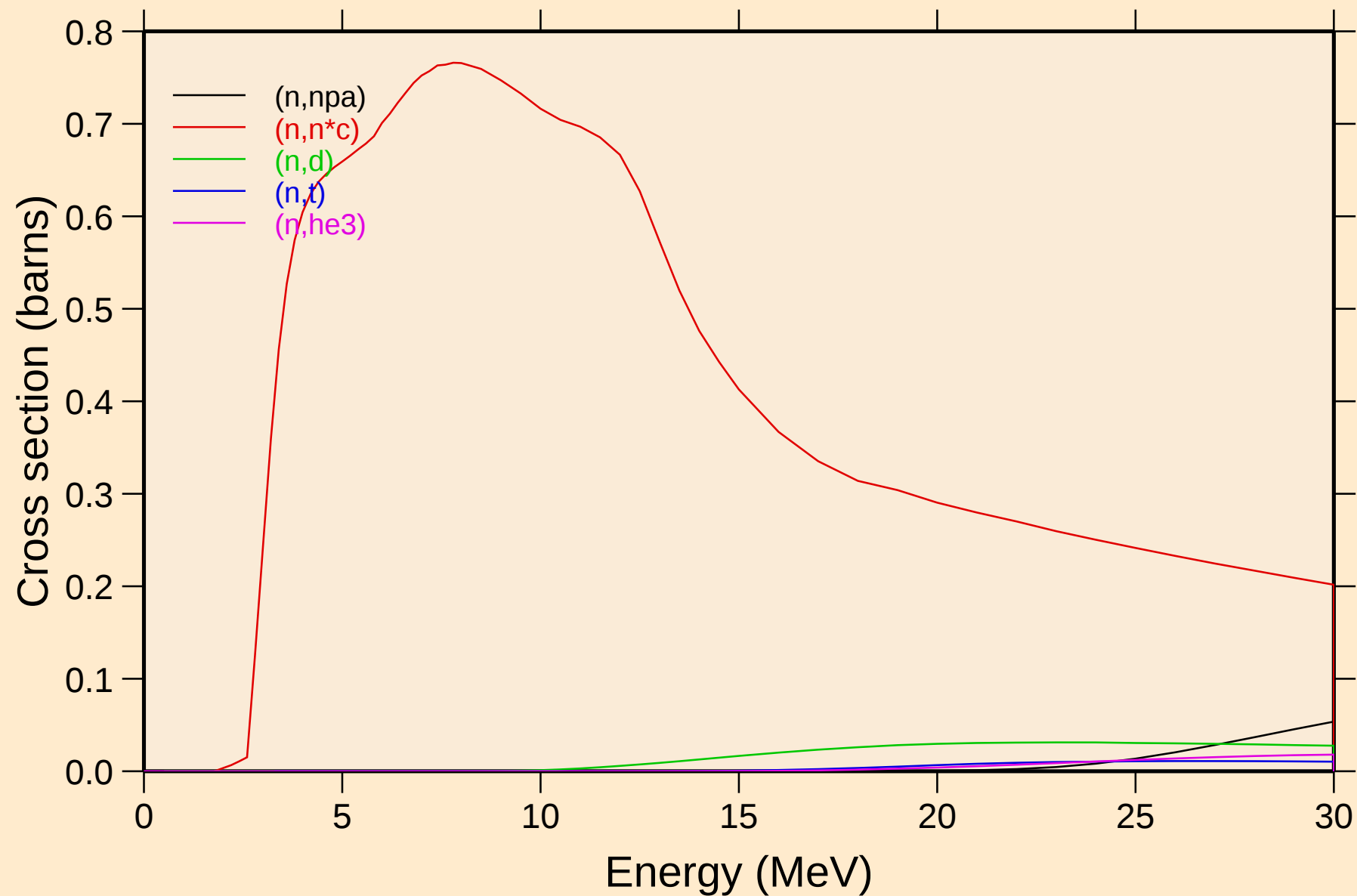
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

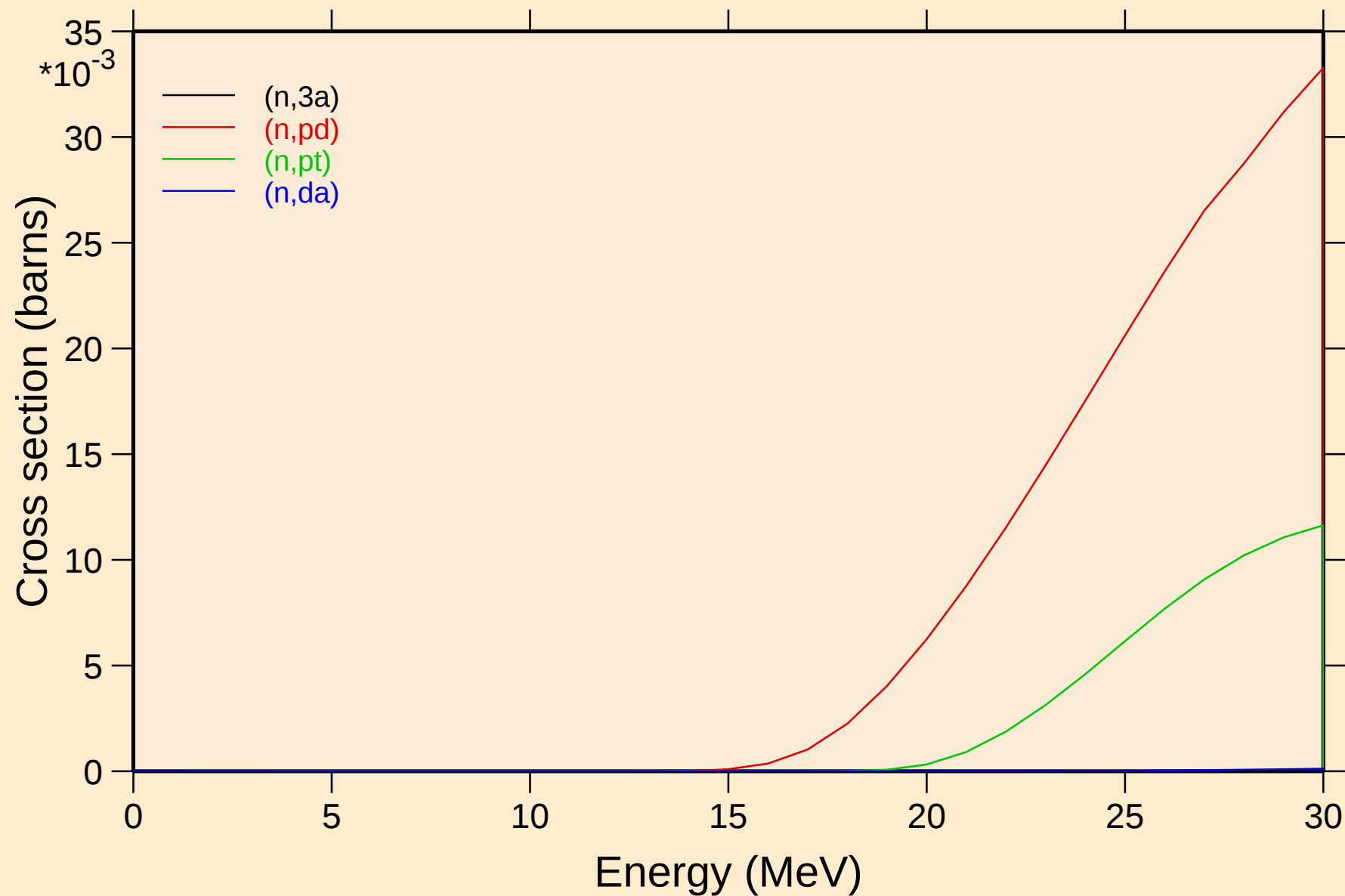


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

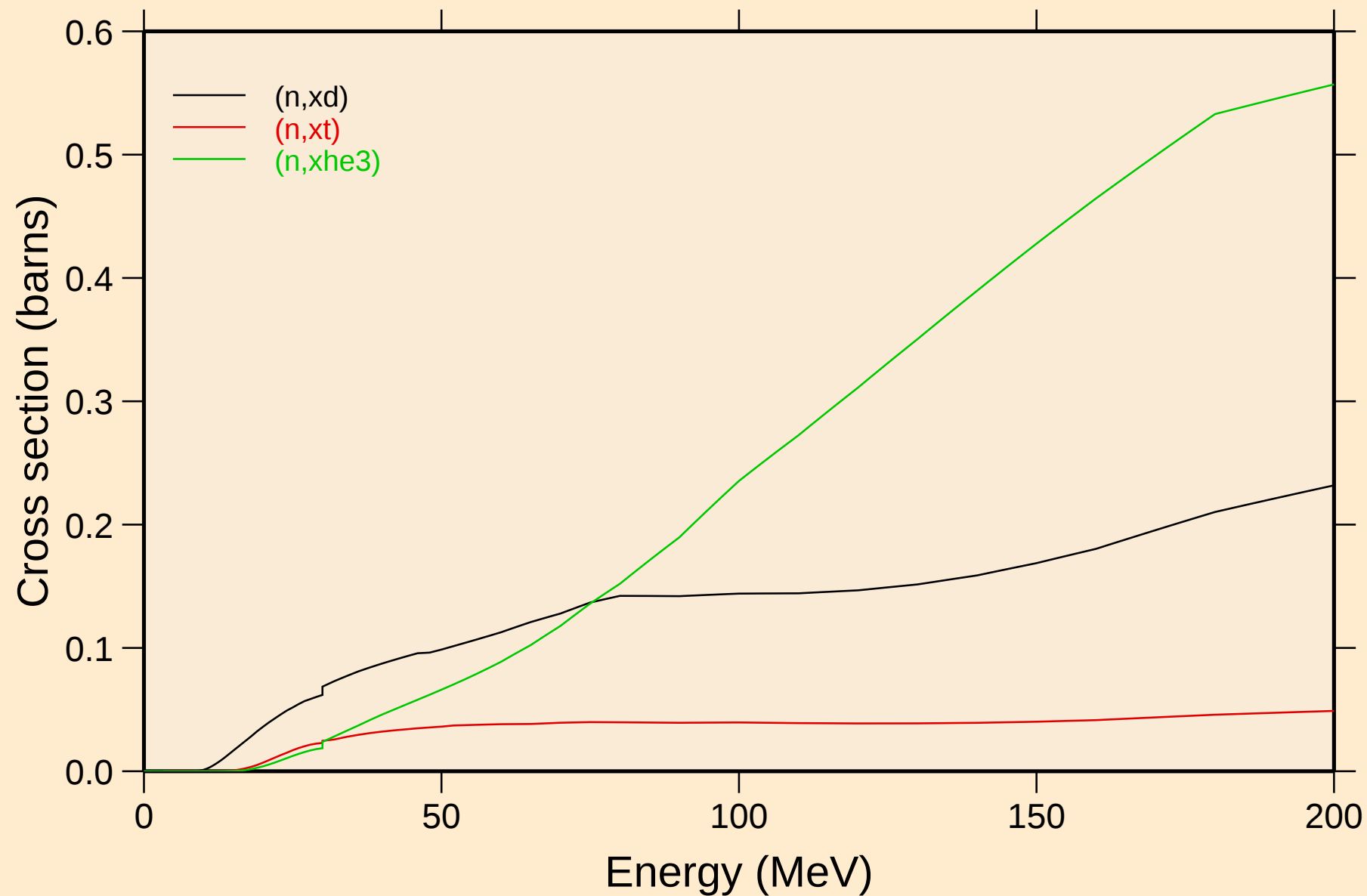


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

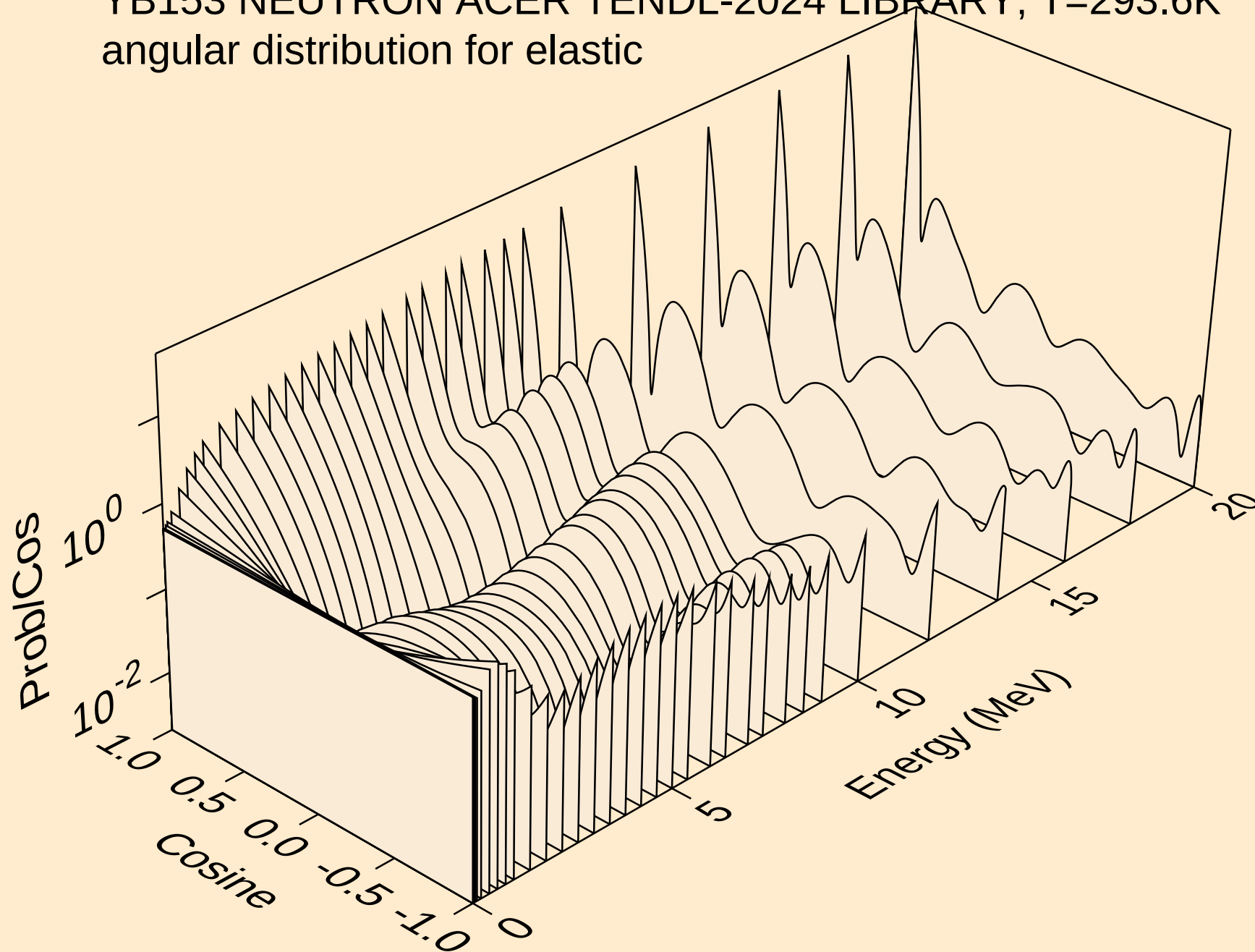
Threshold reactions



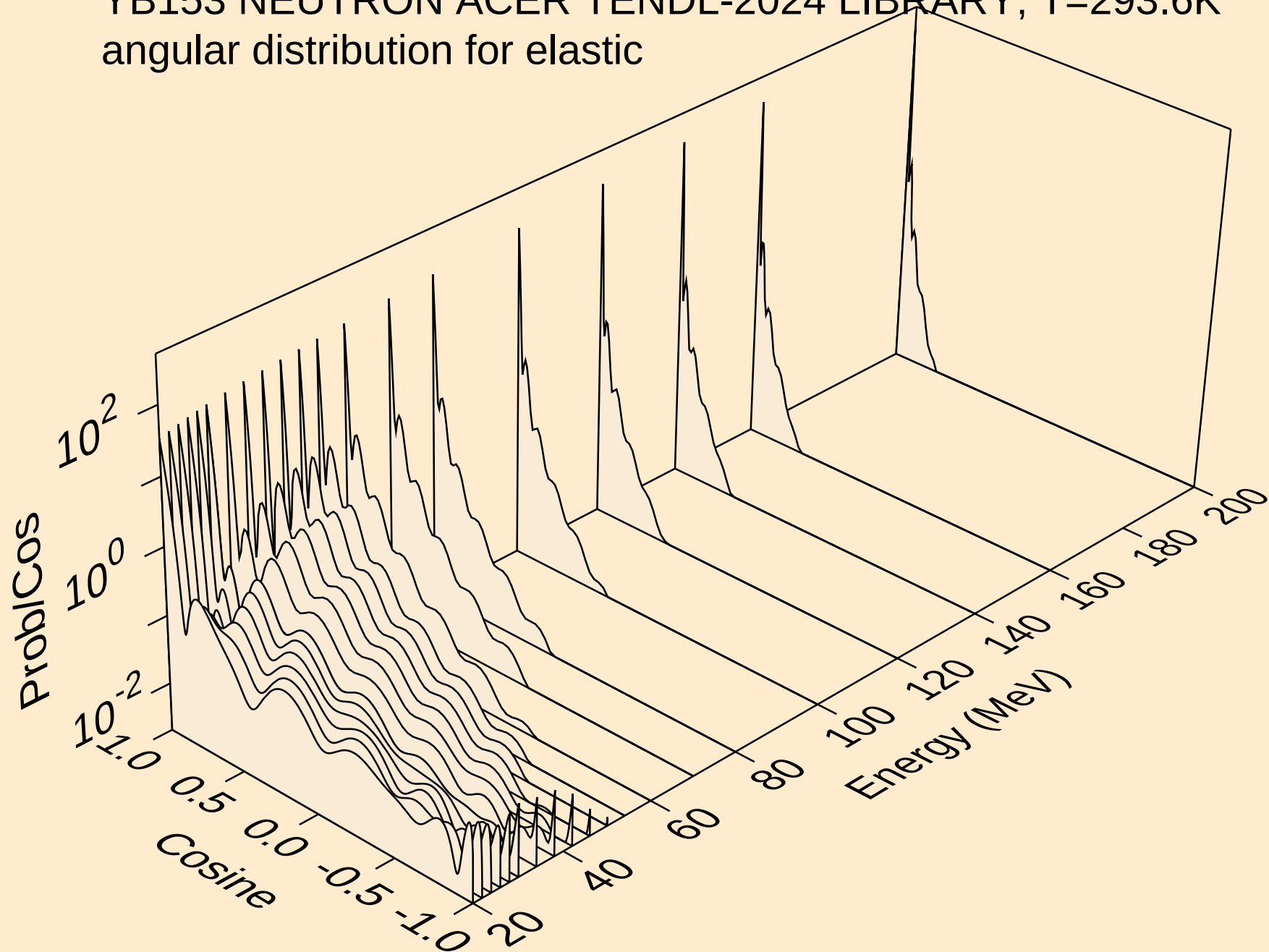
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



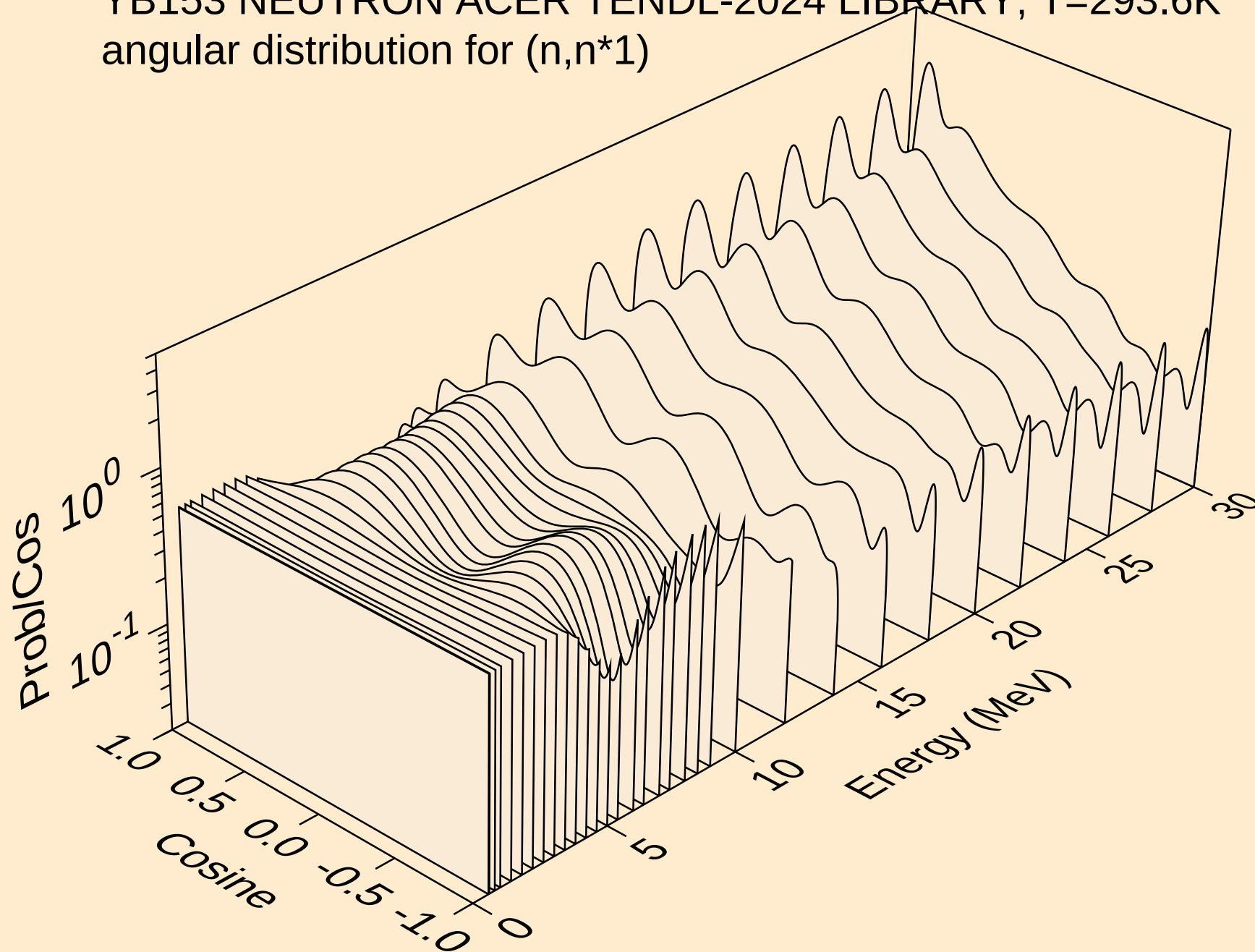
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



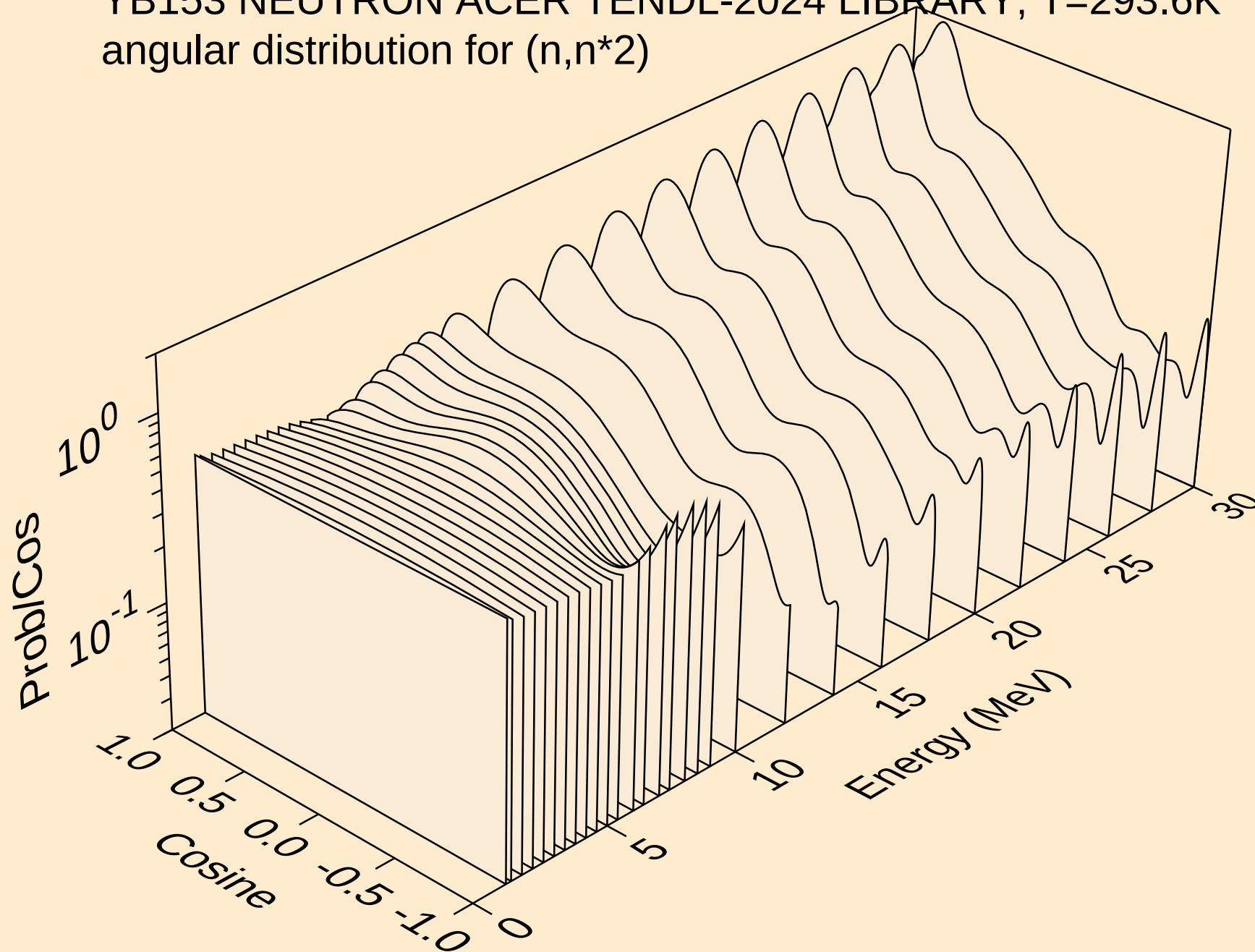
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



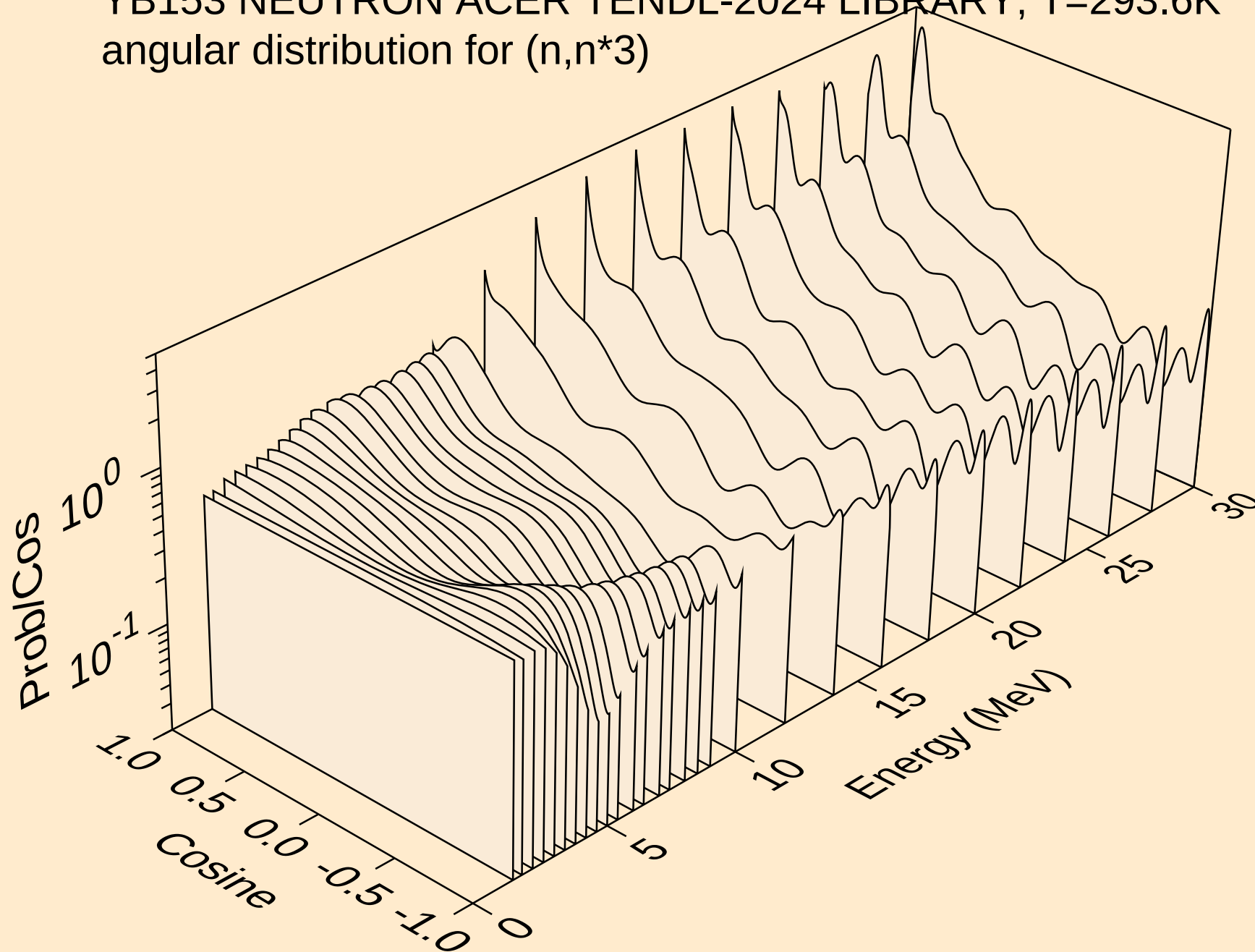
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



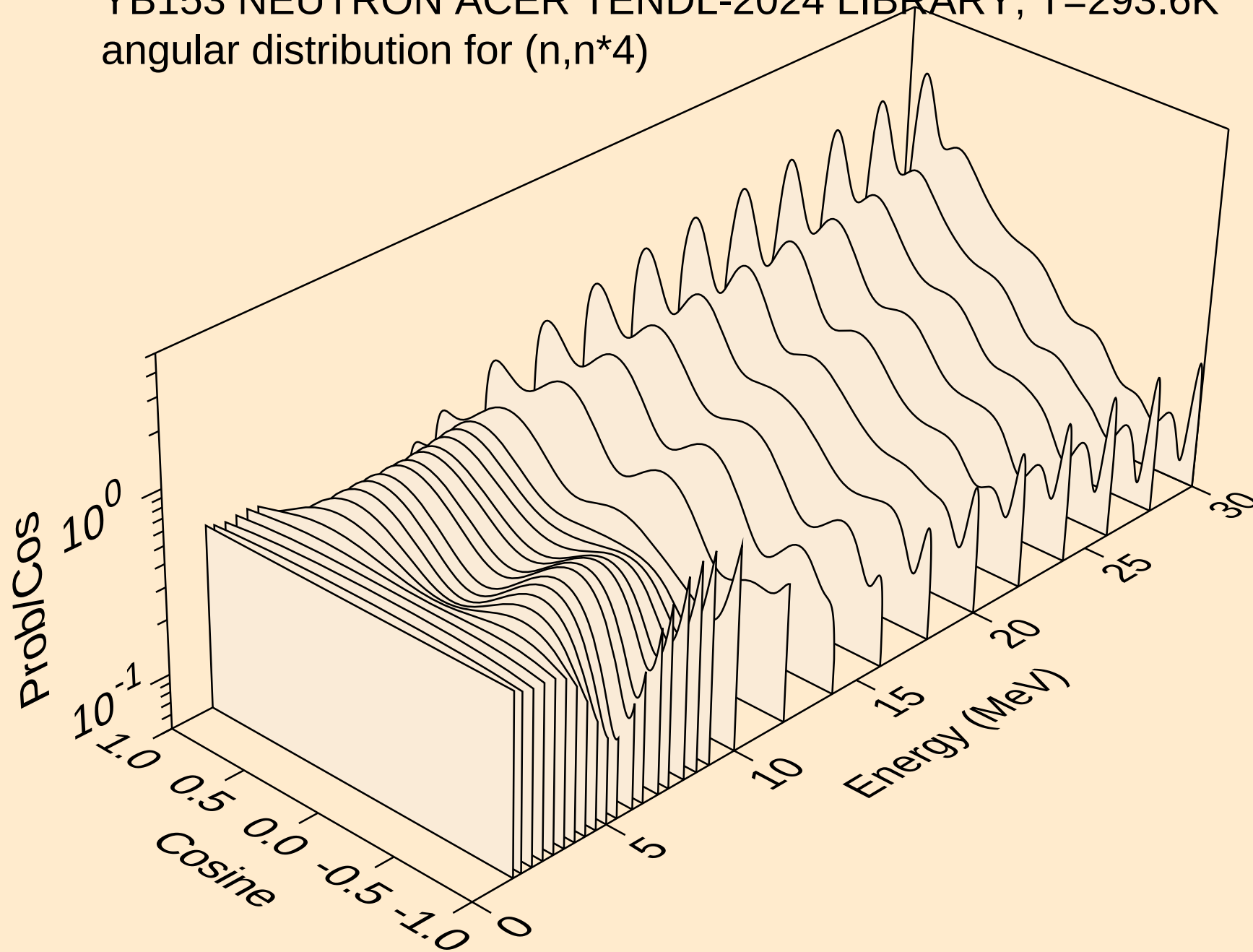
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



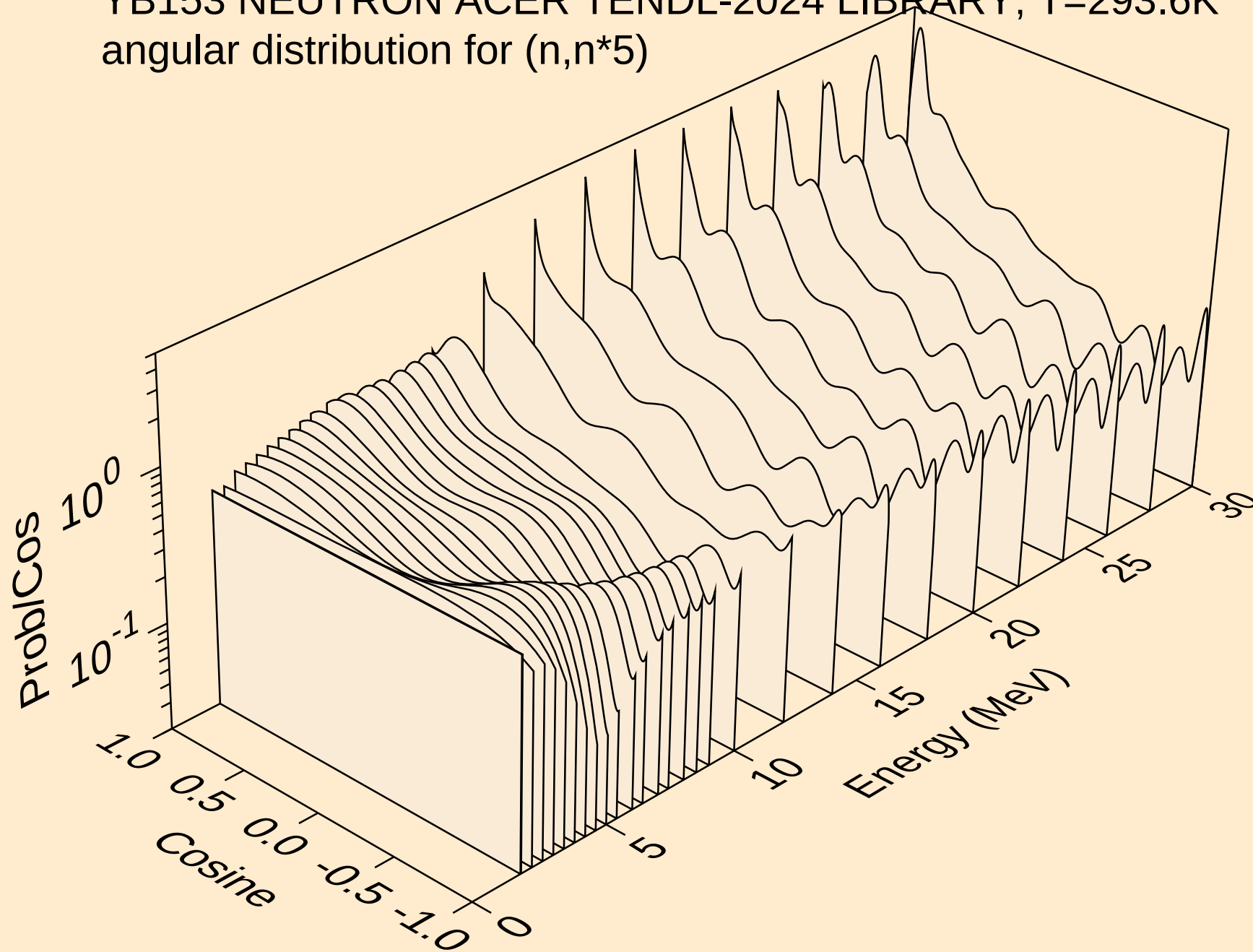
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



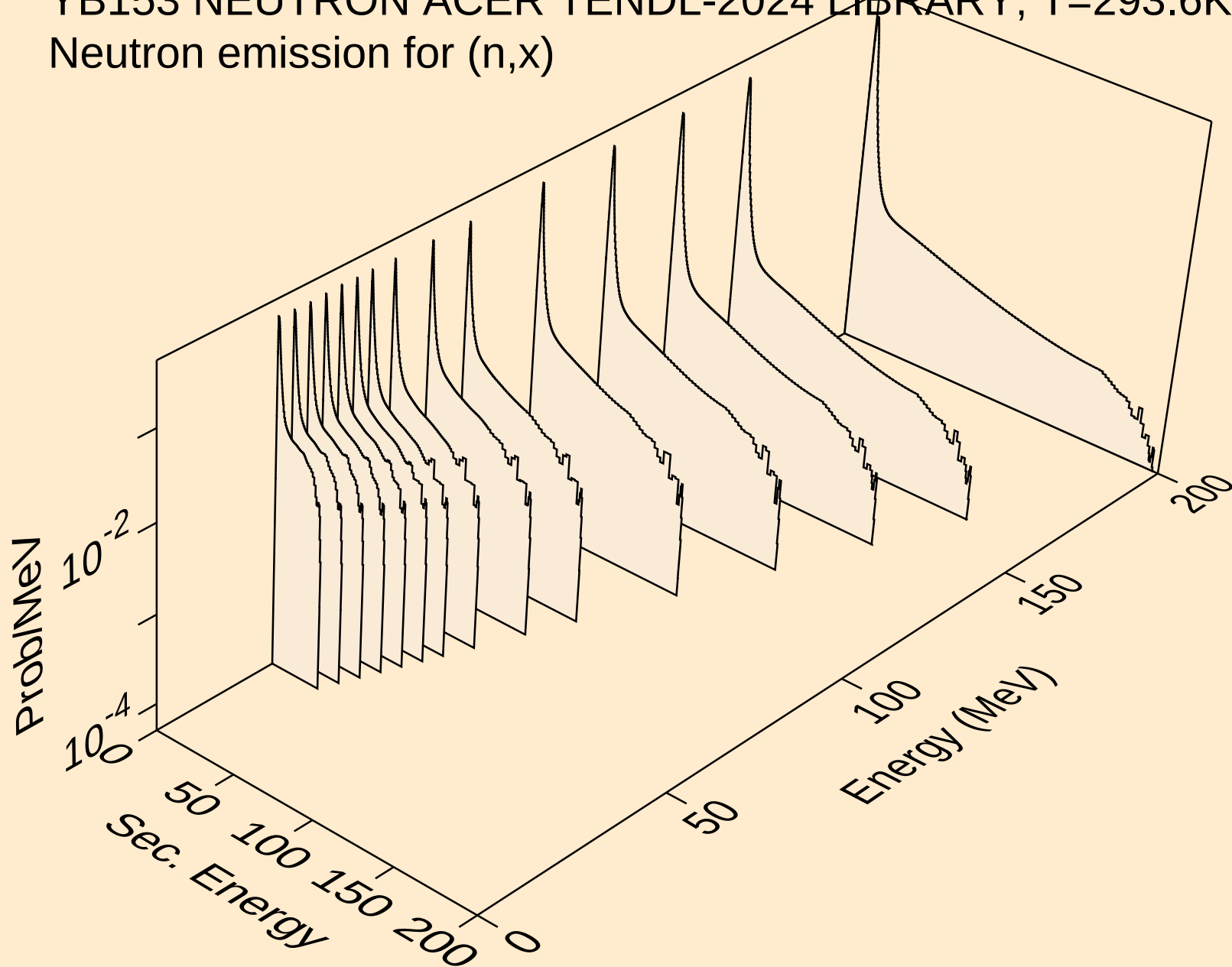
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



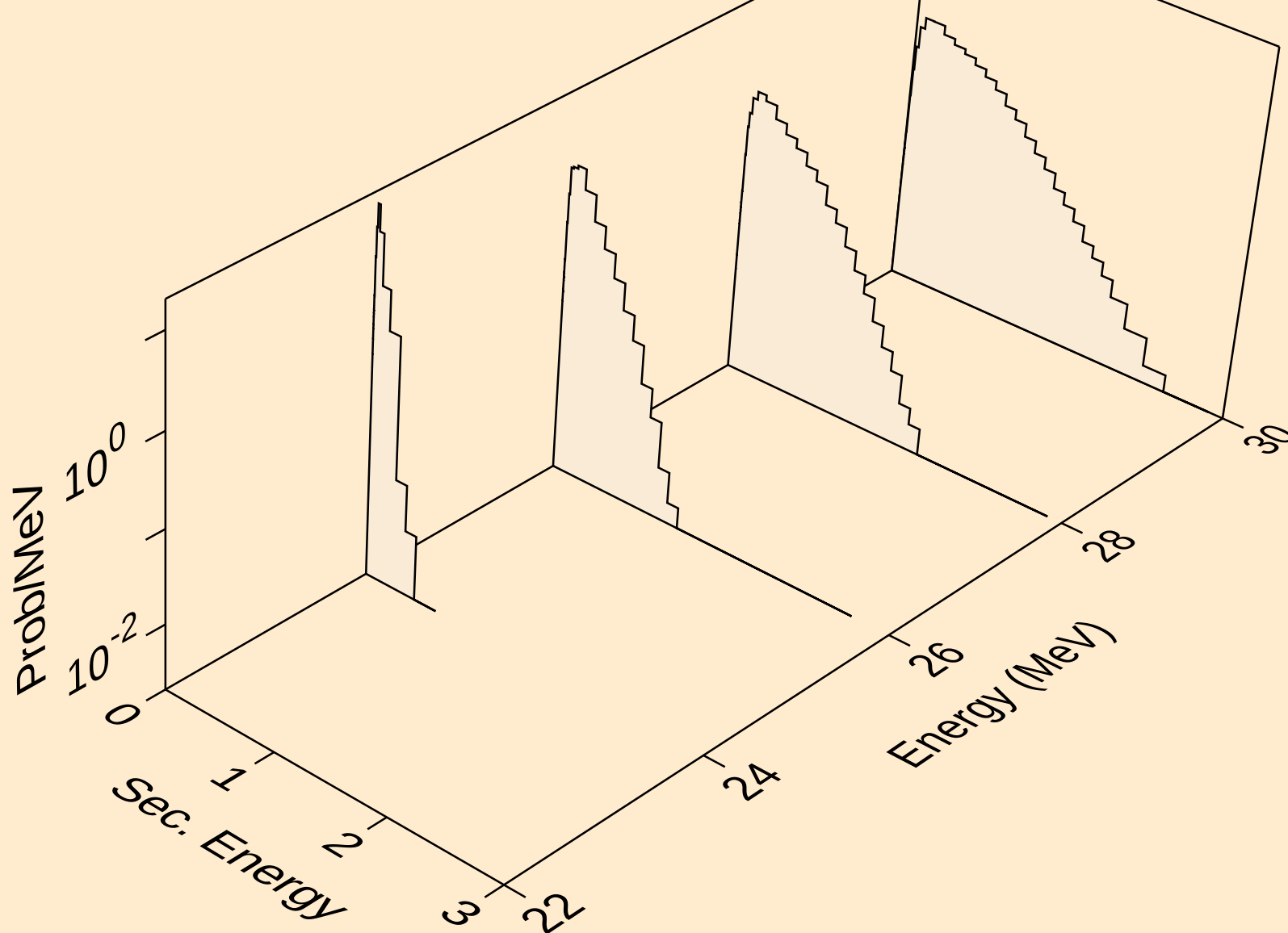
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



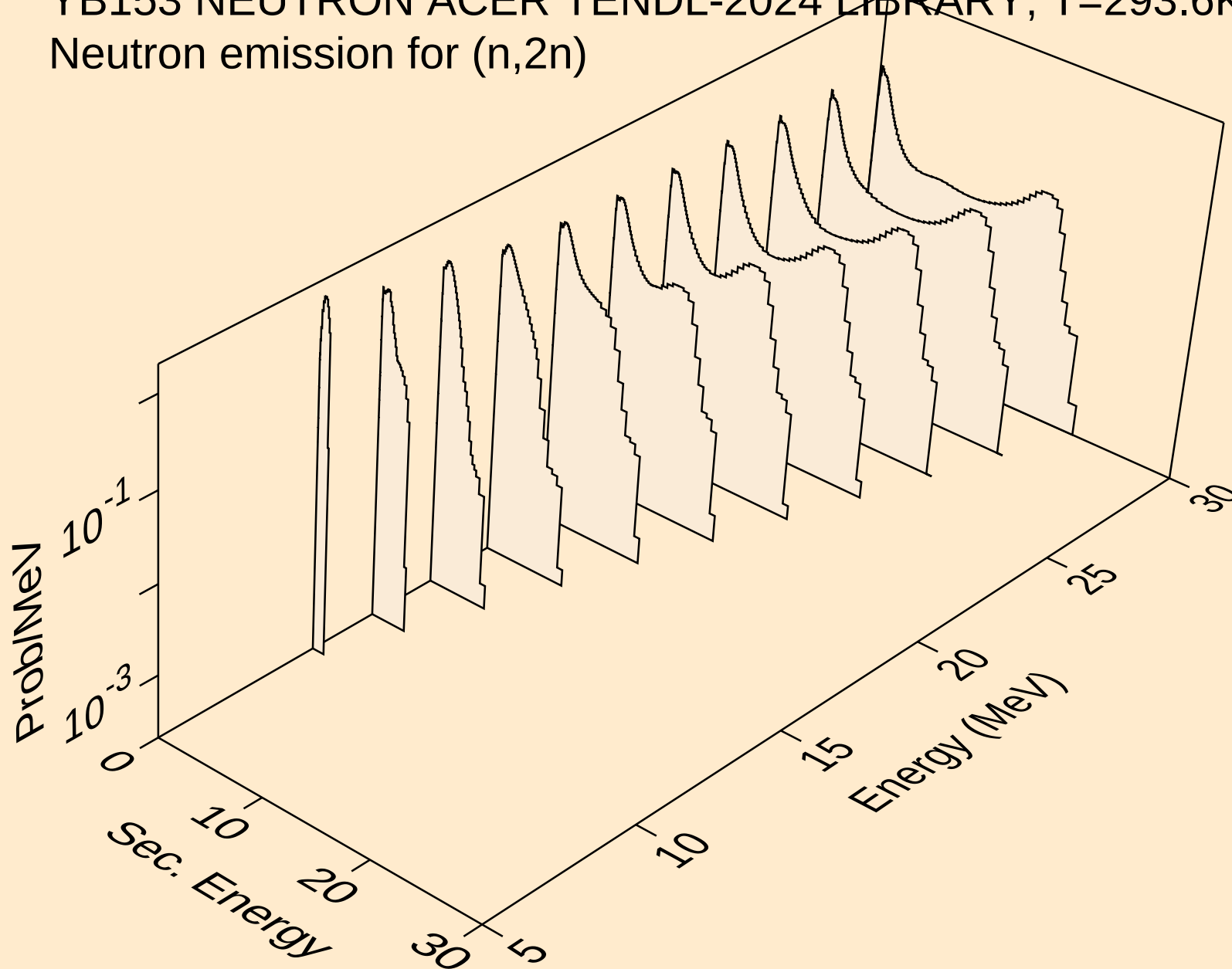
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



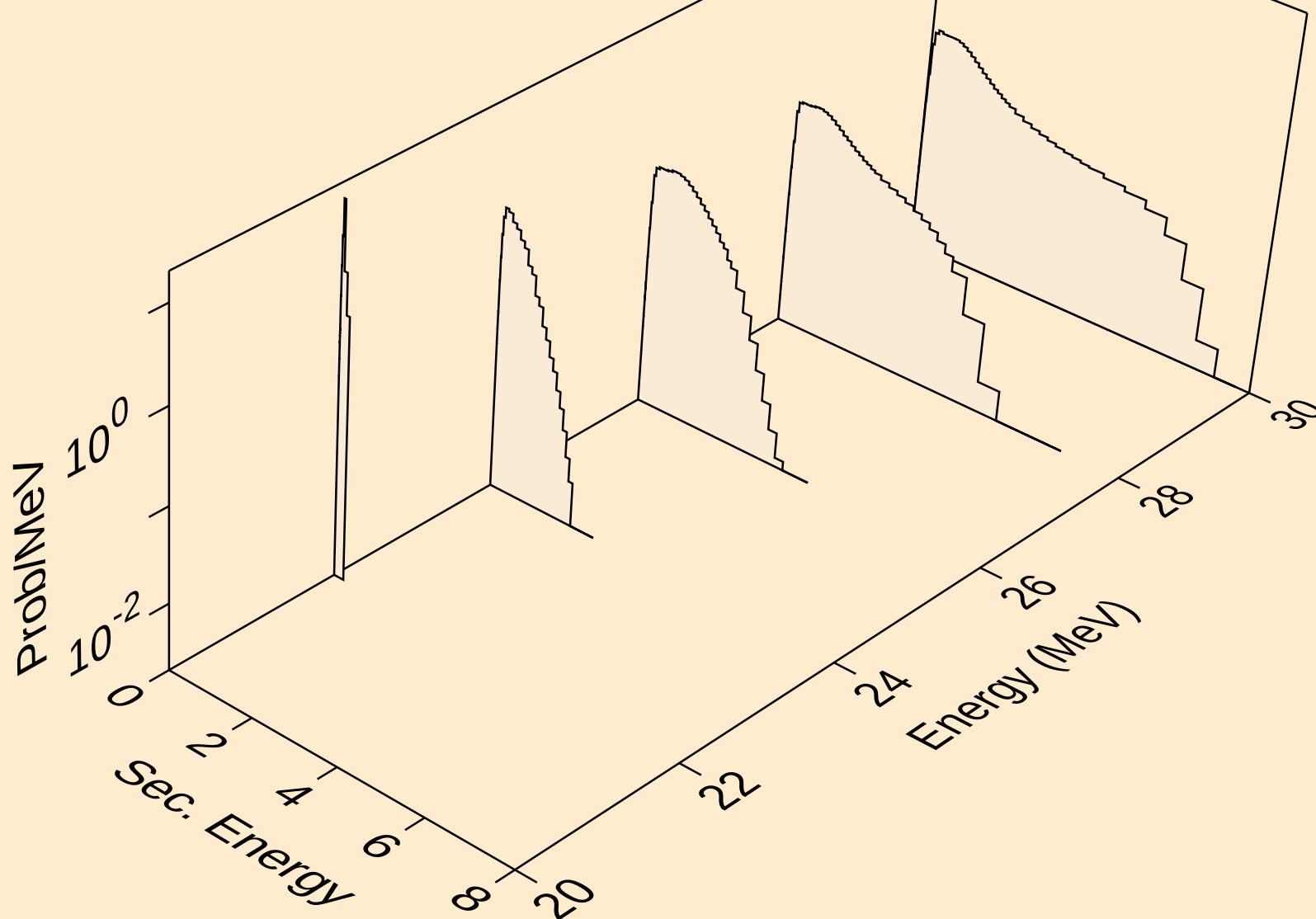
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



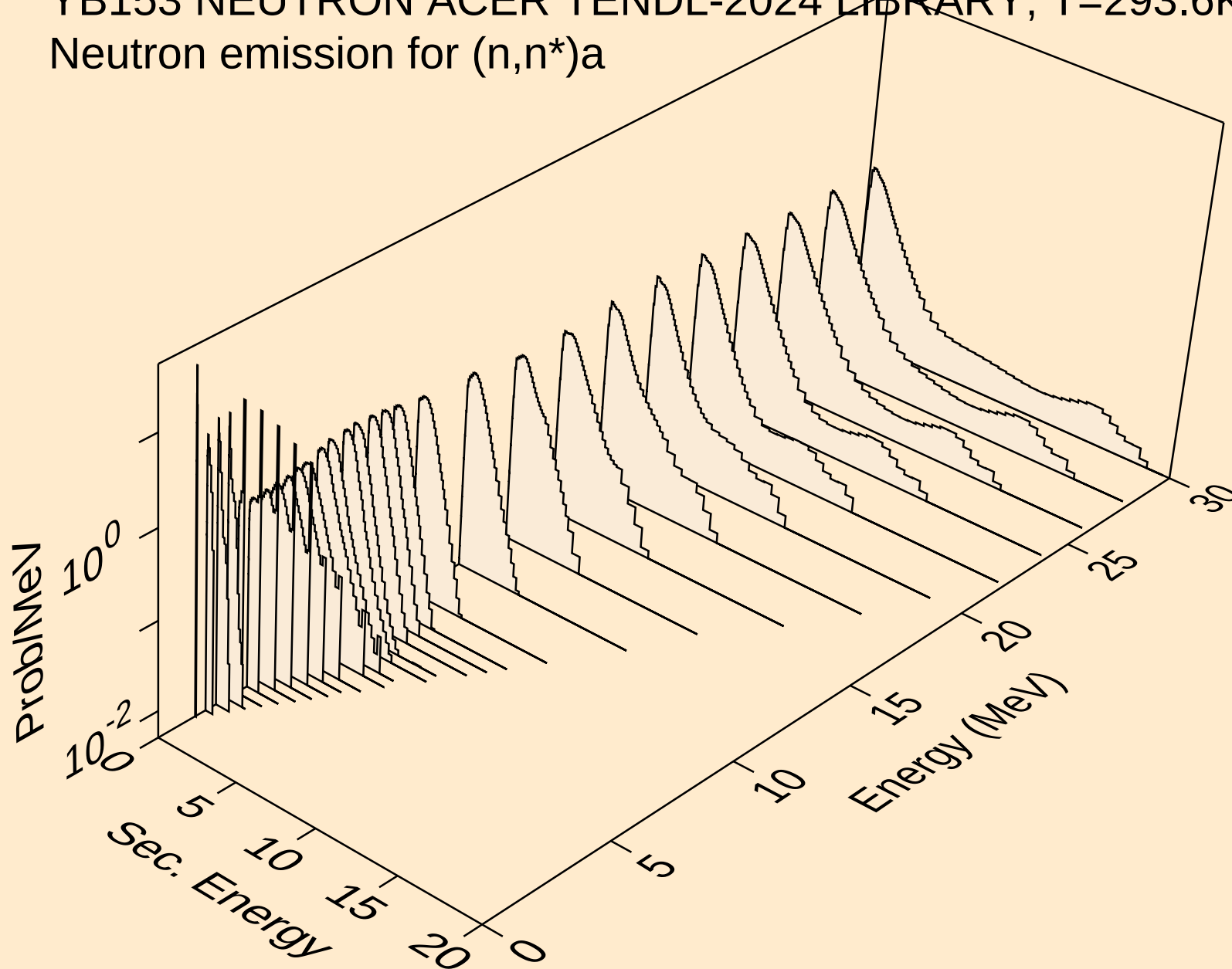
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



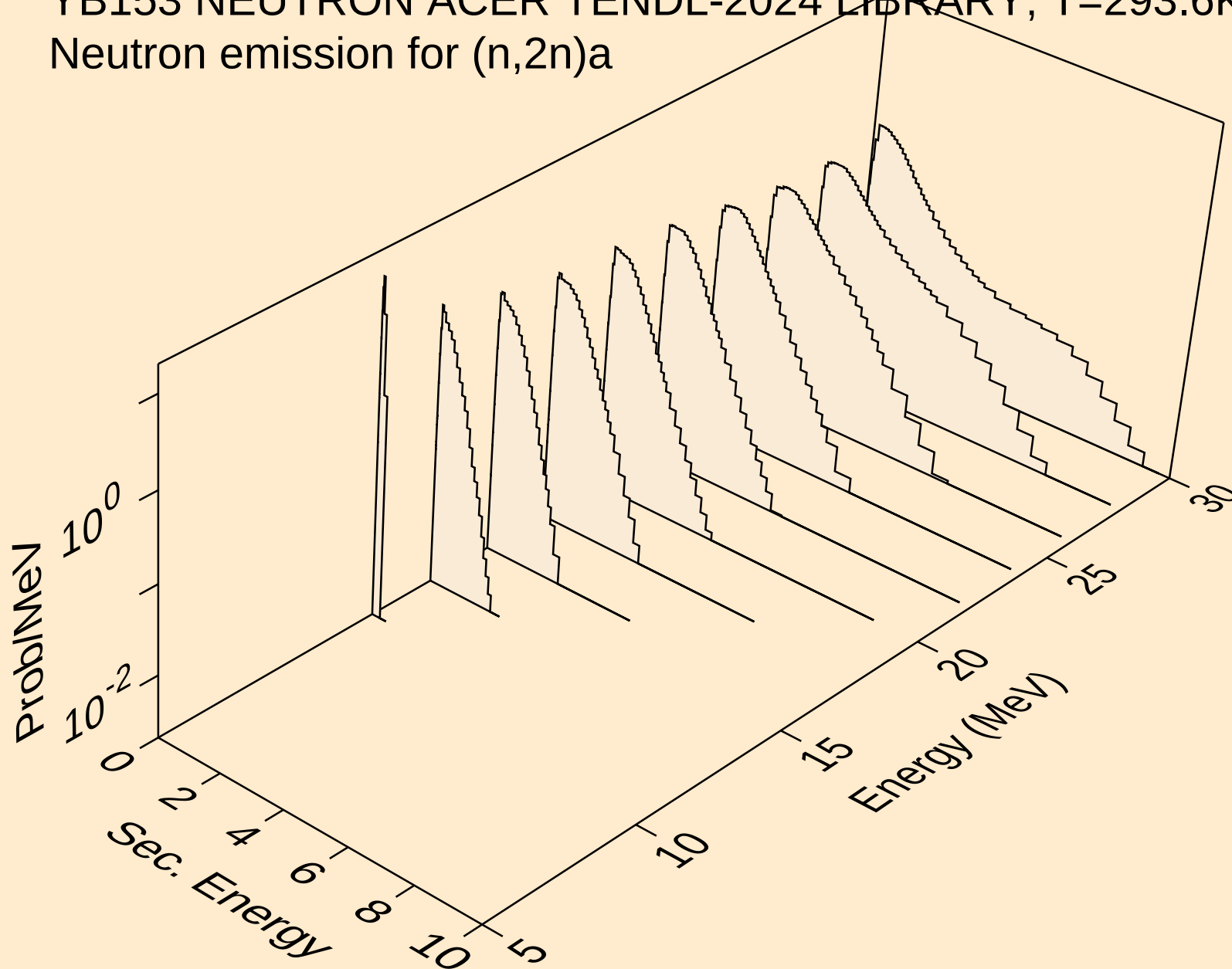
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



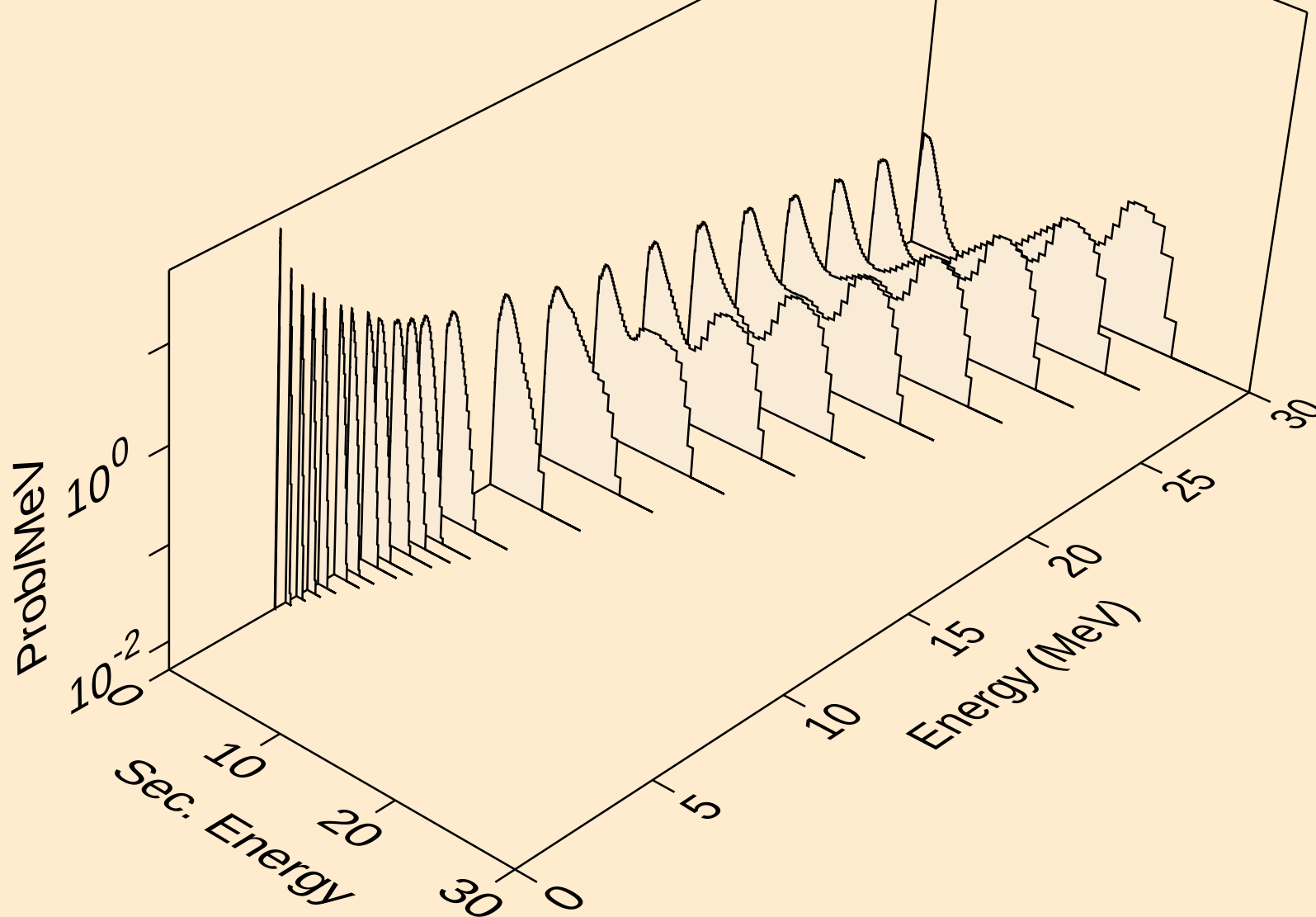
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



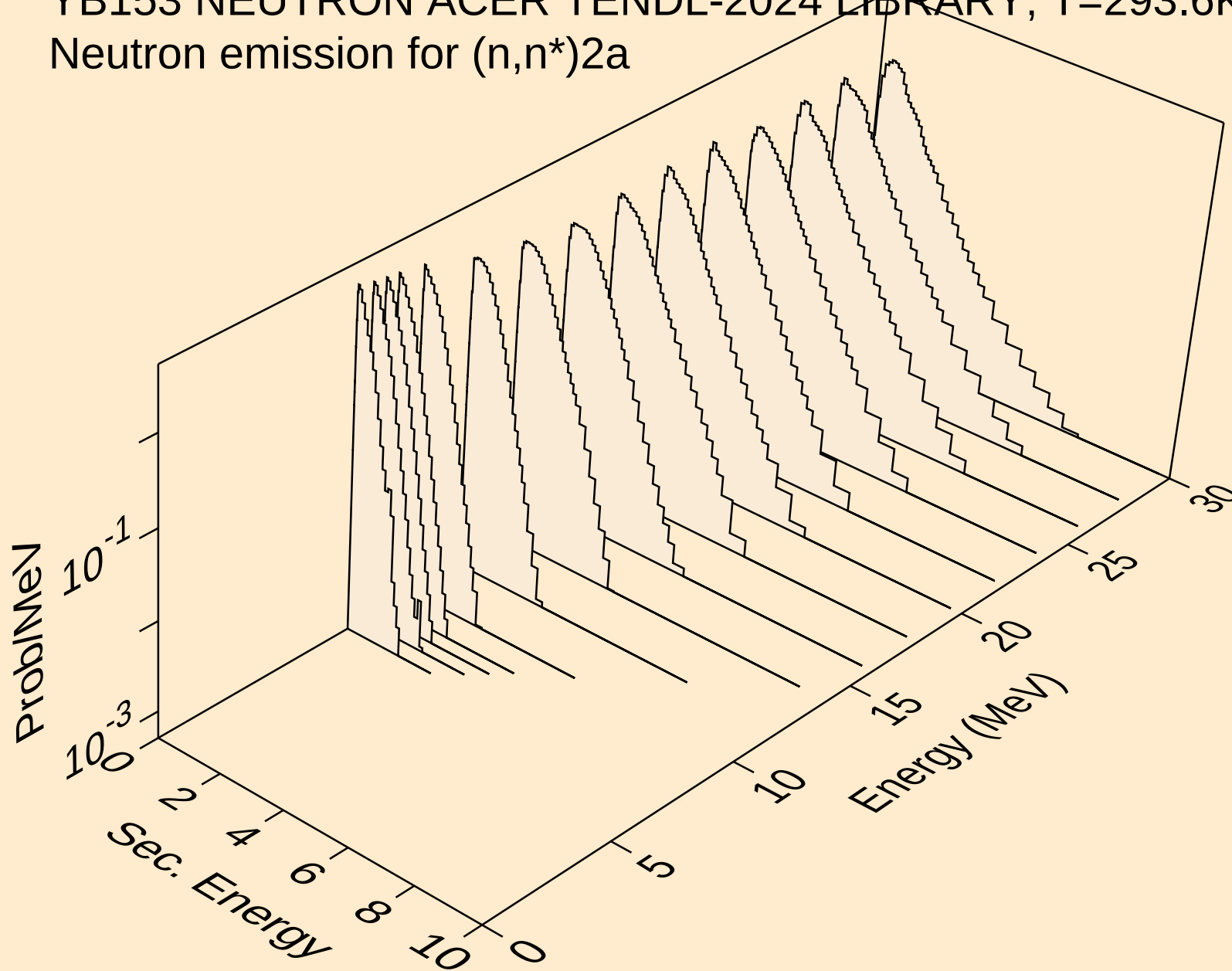
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p

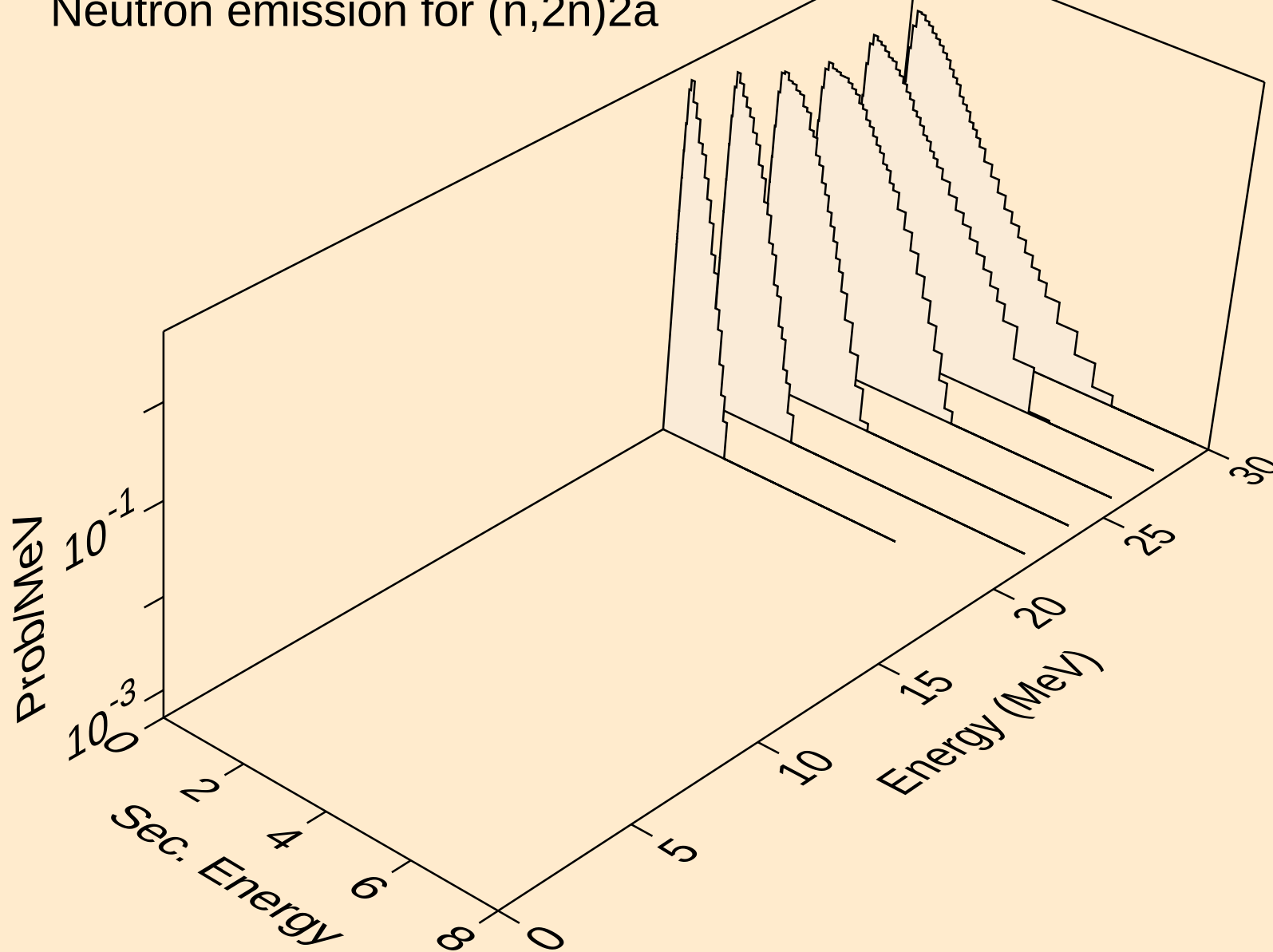


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a

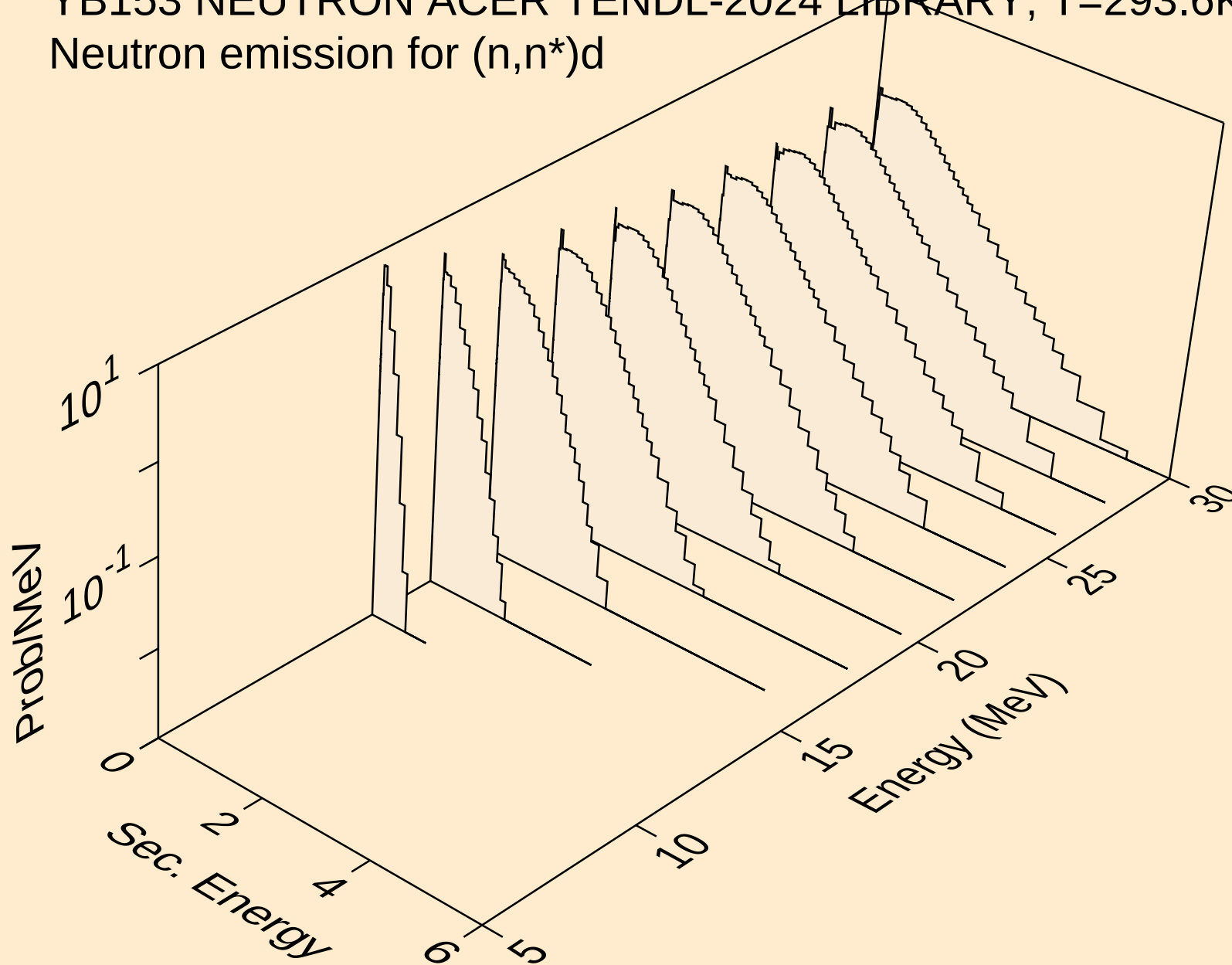


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

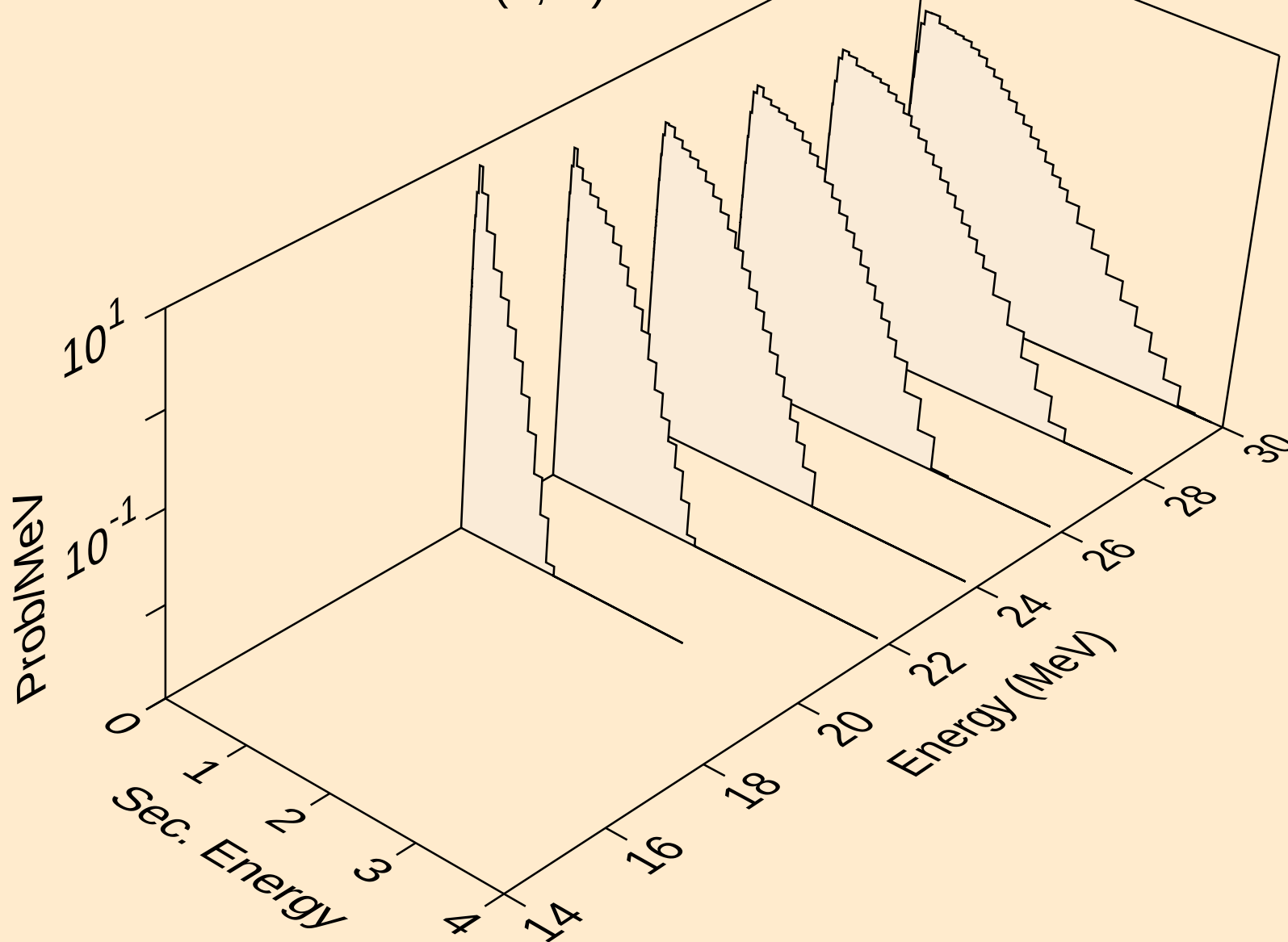
Neutron emission for (n,2n)2a



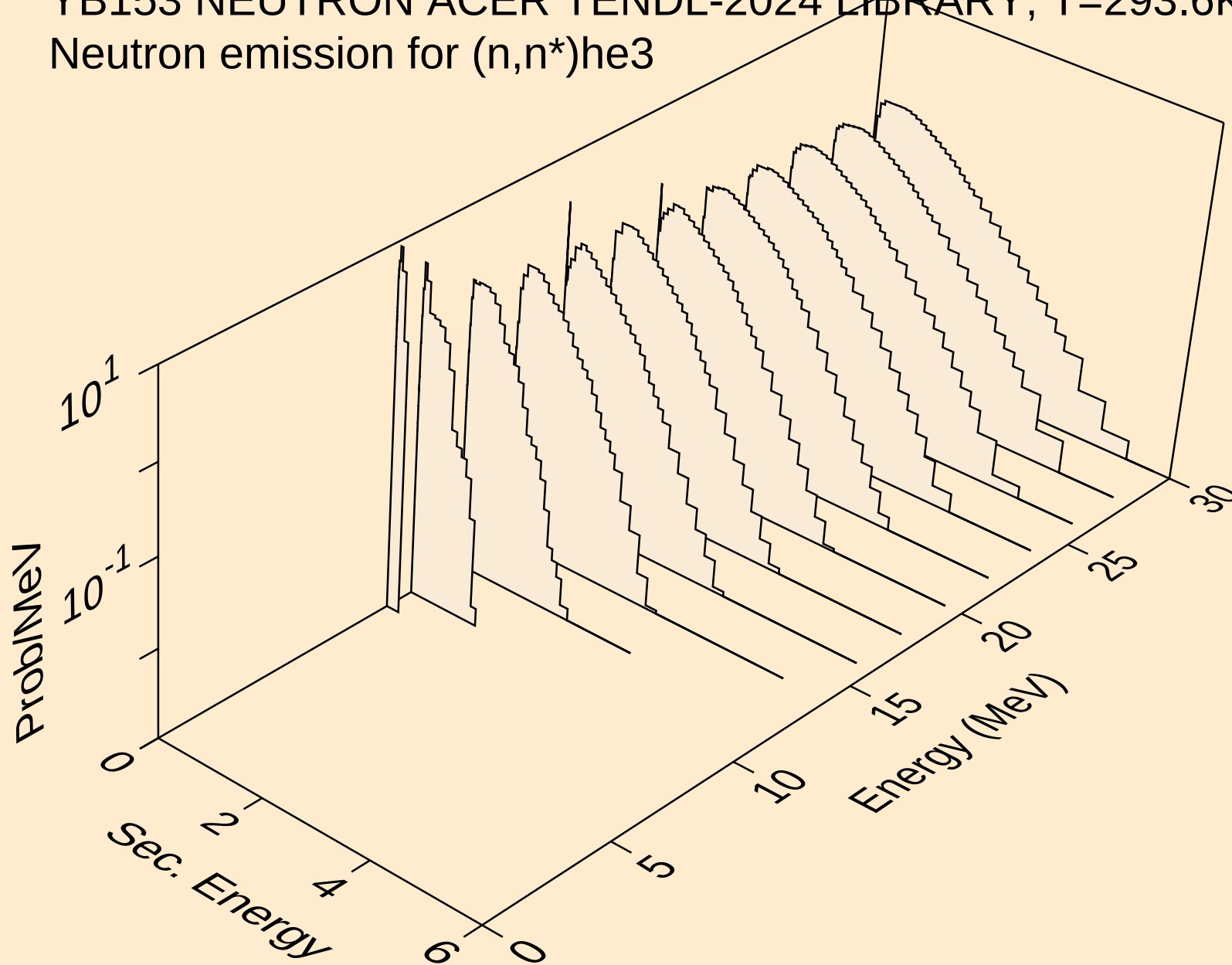
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



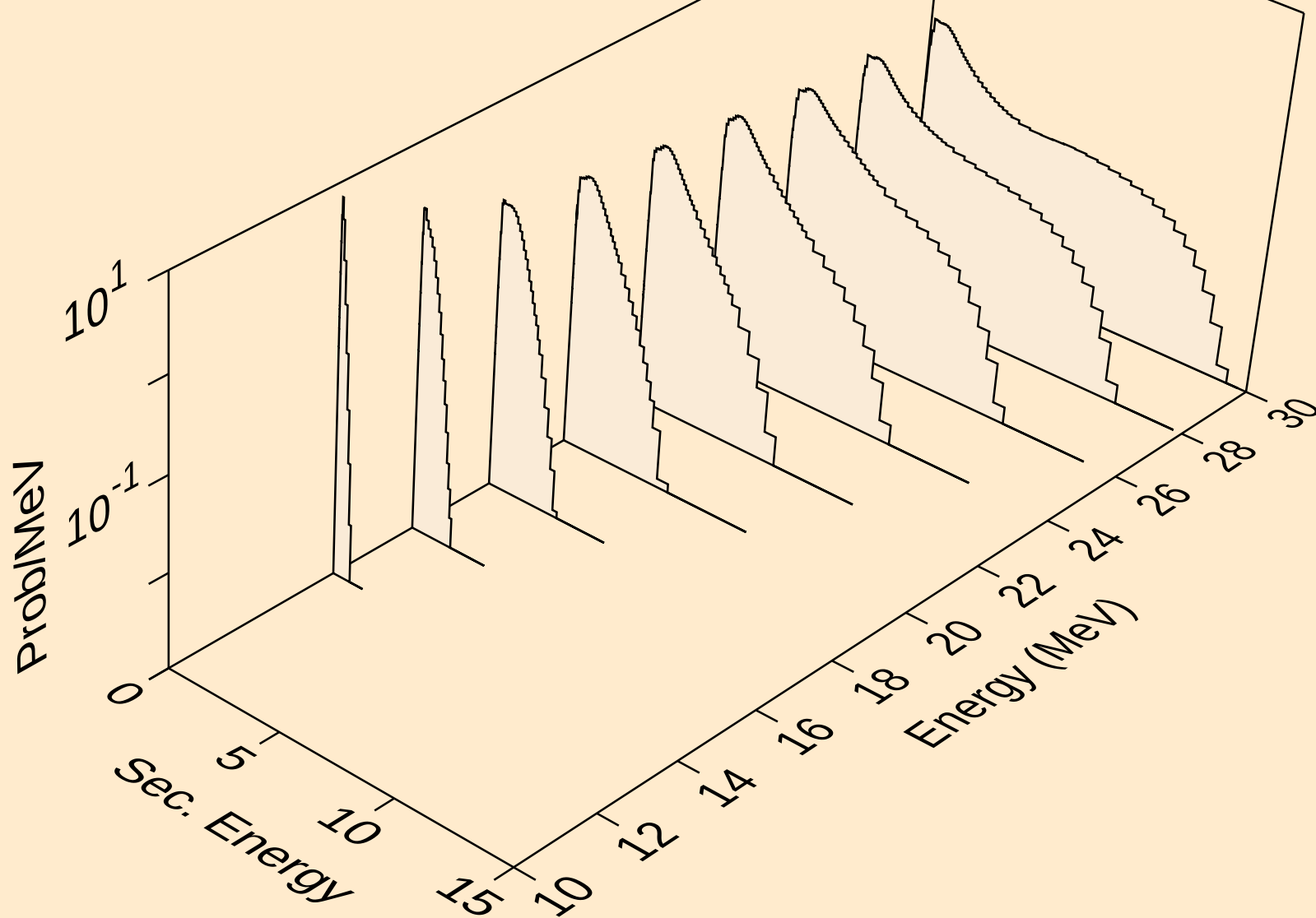
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



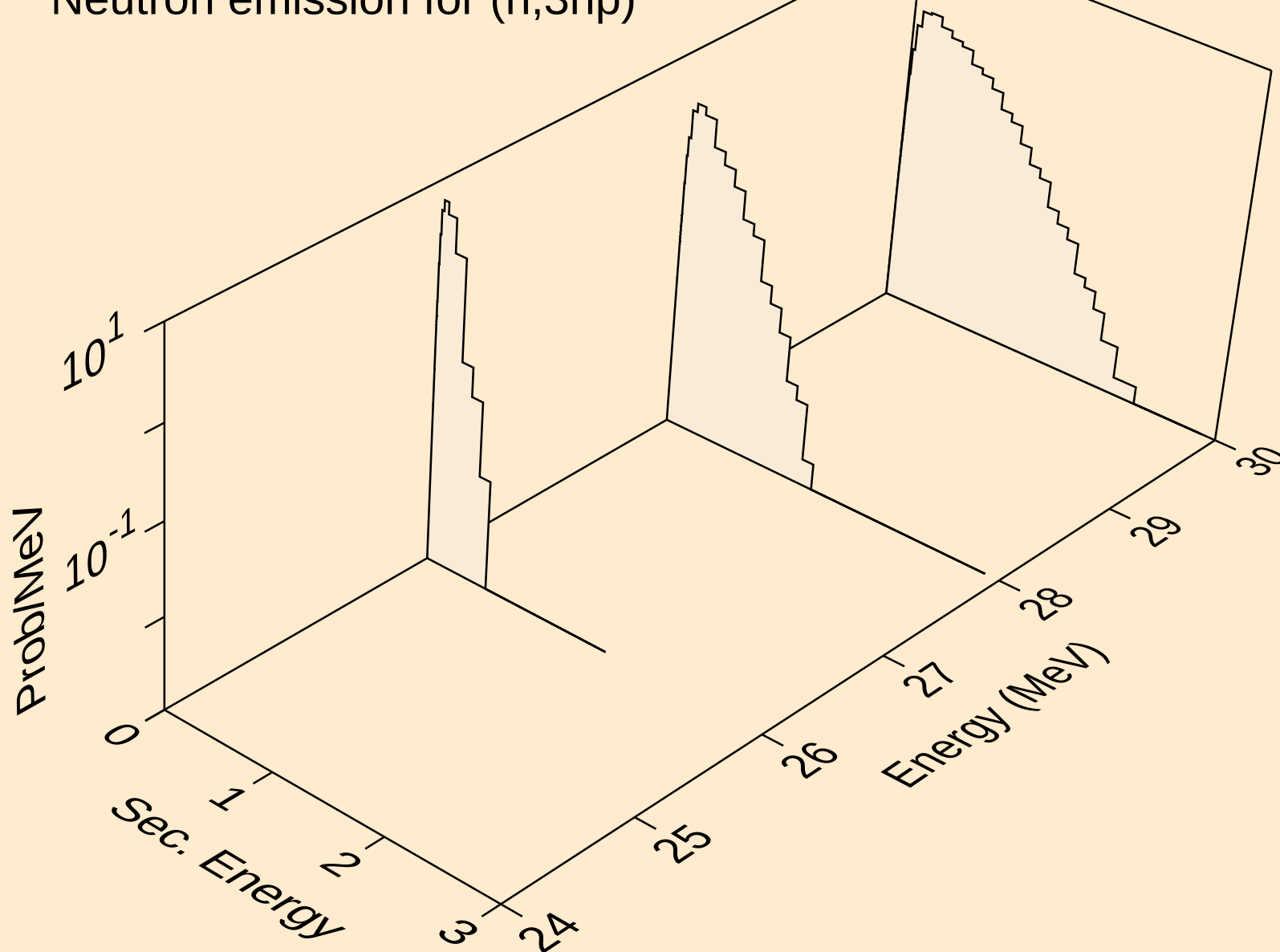
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



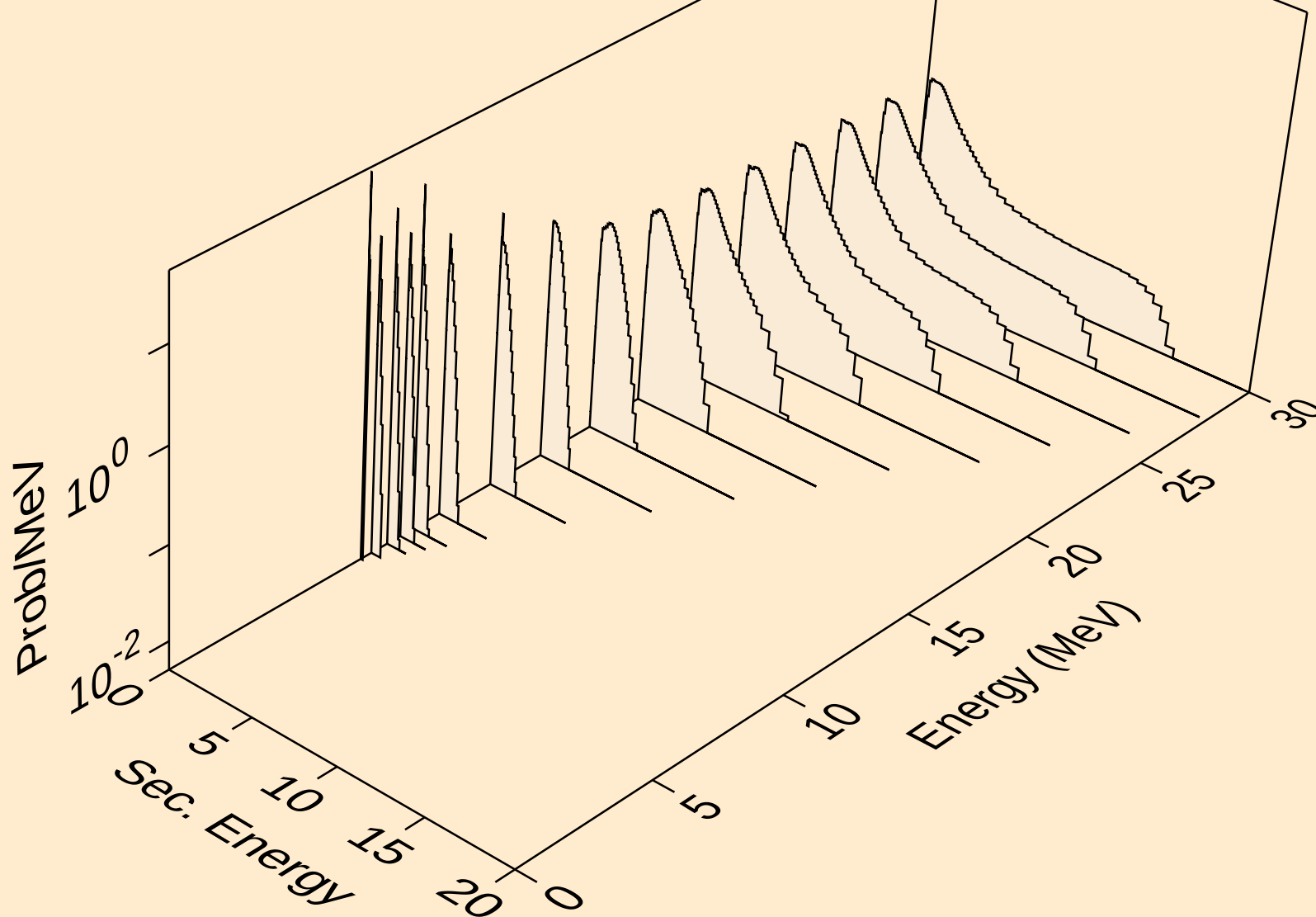
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



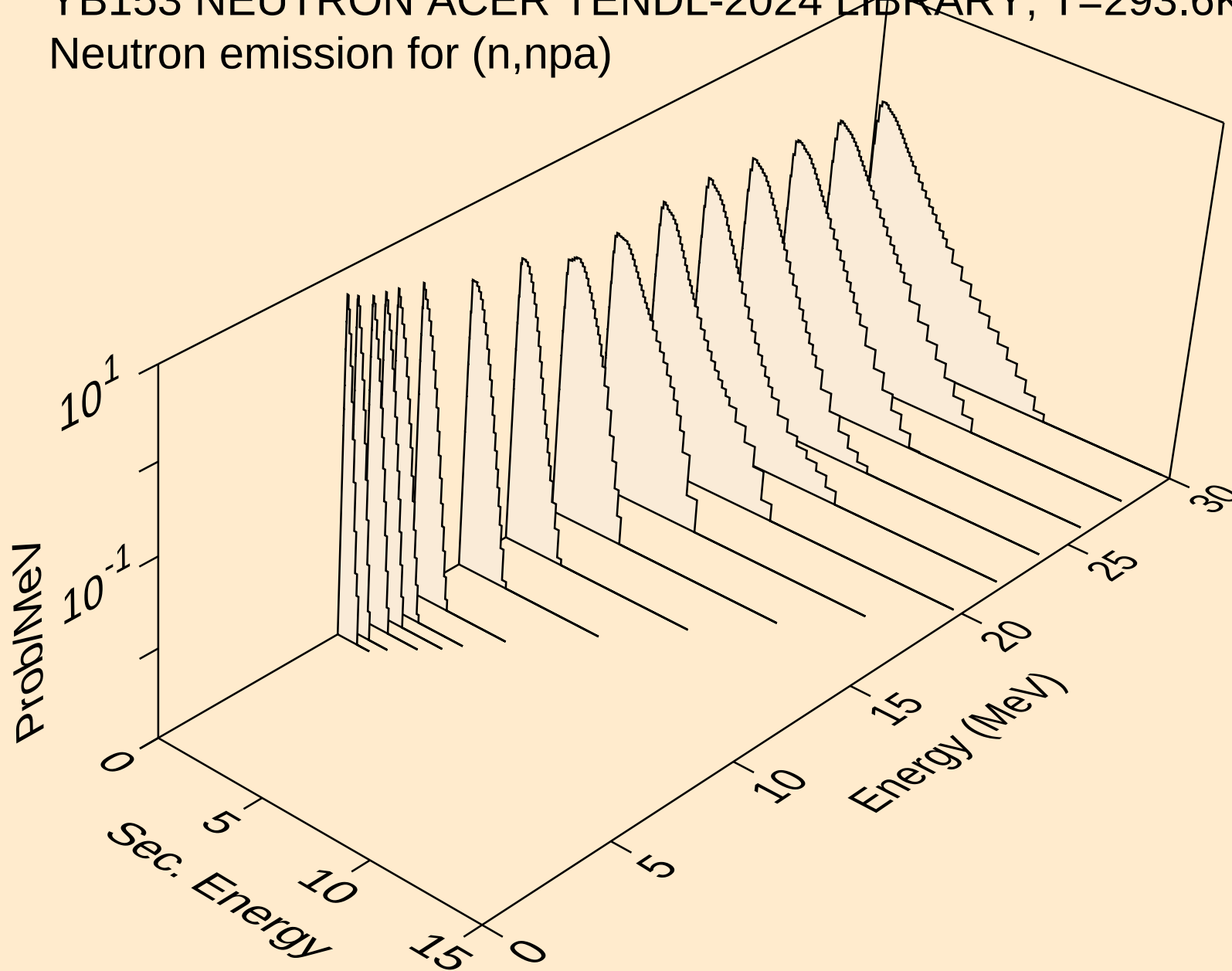
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)



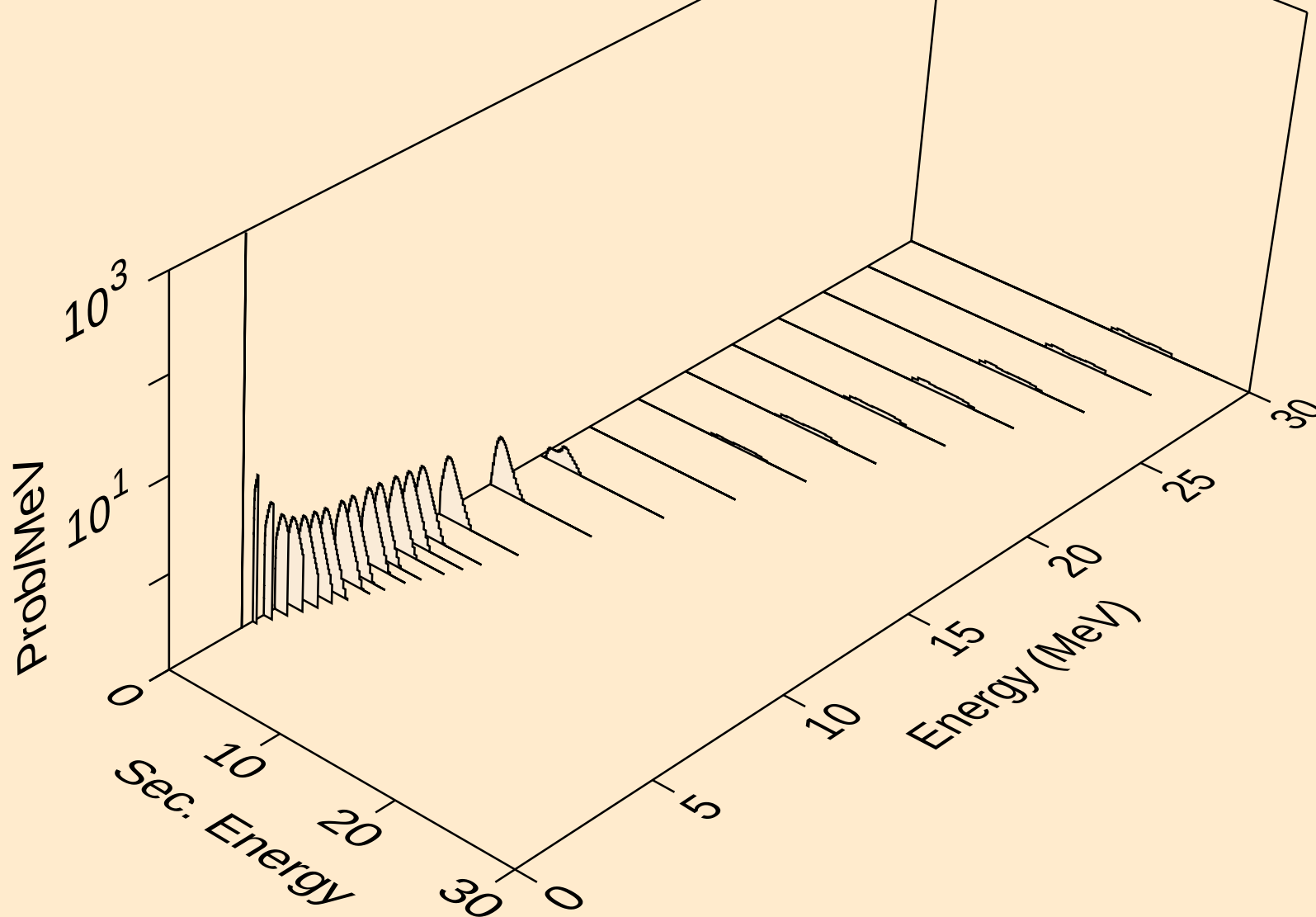
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



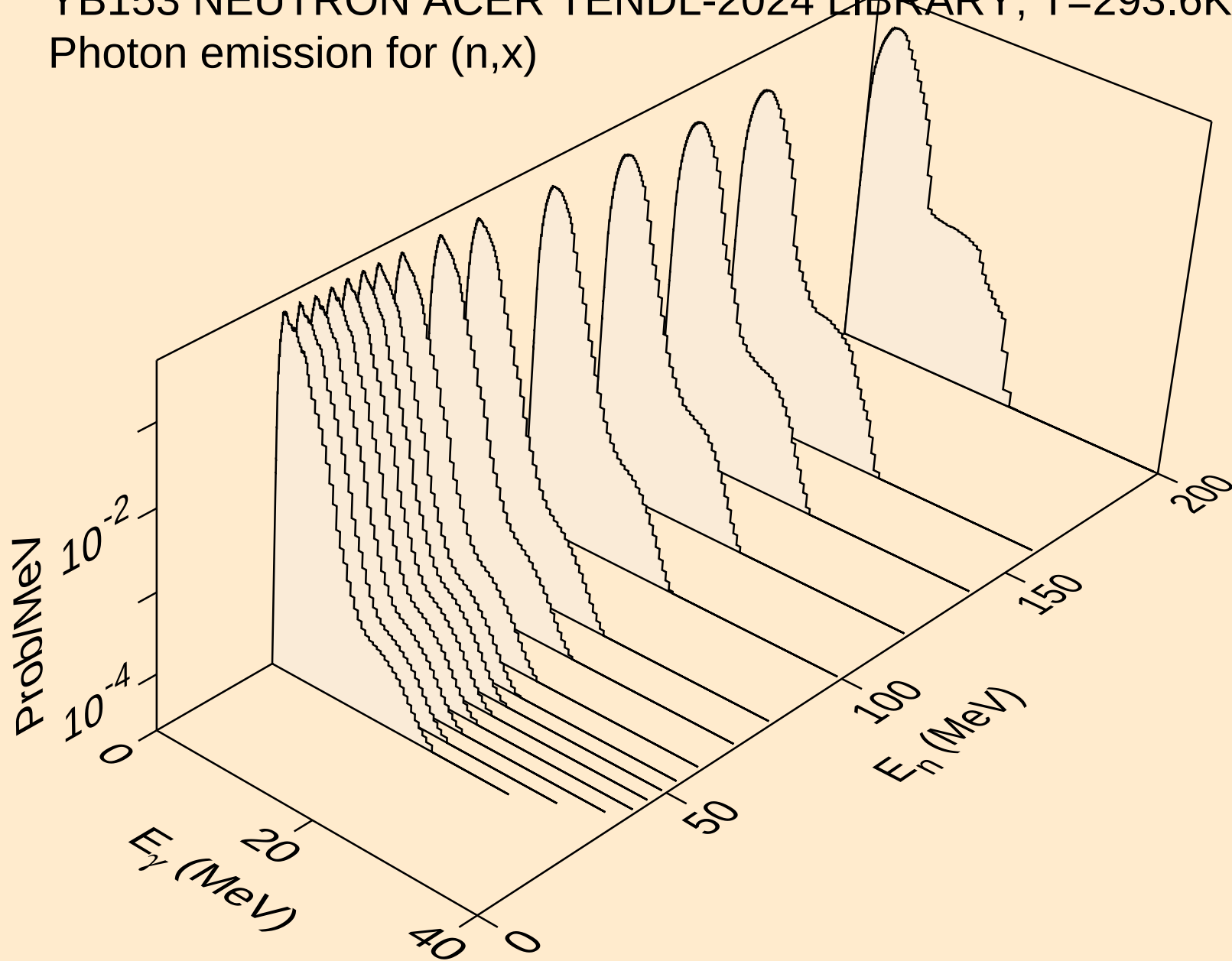
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



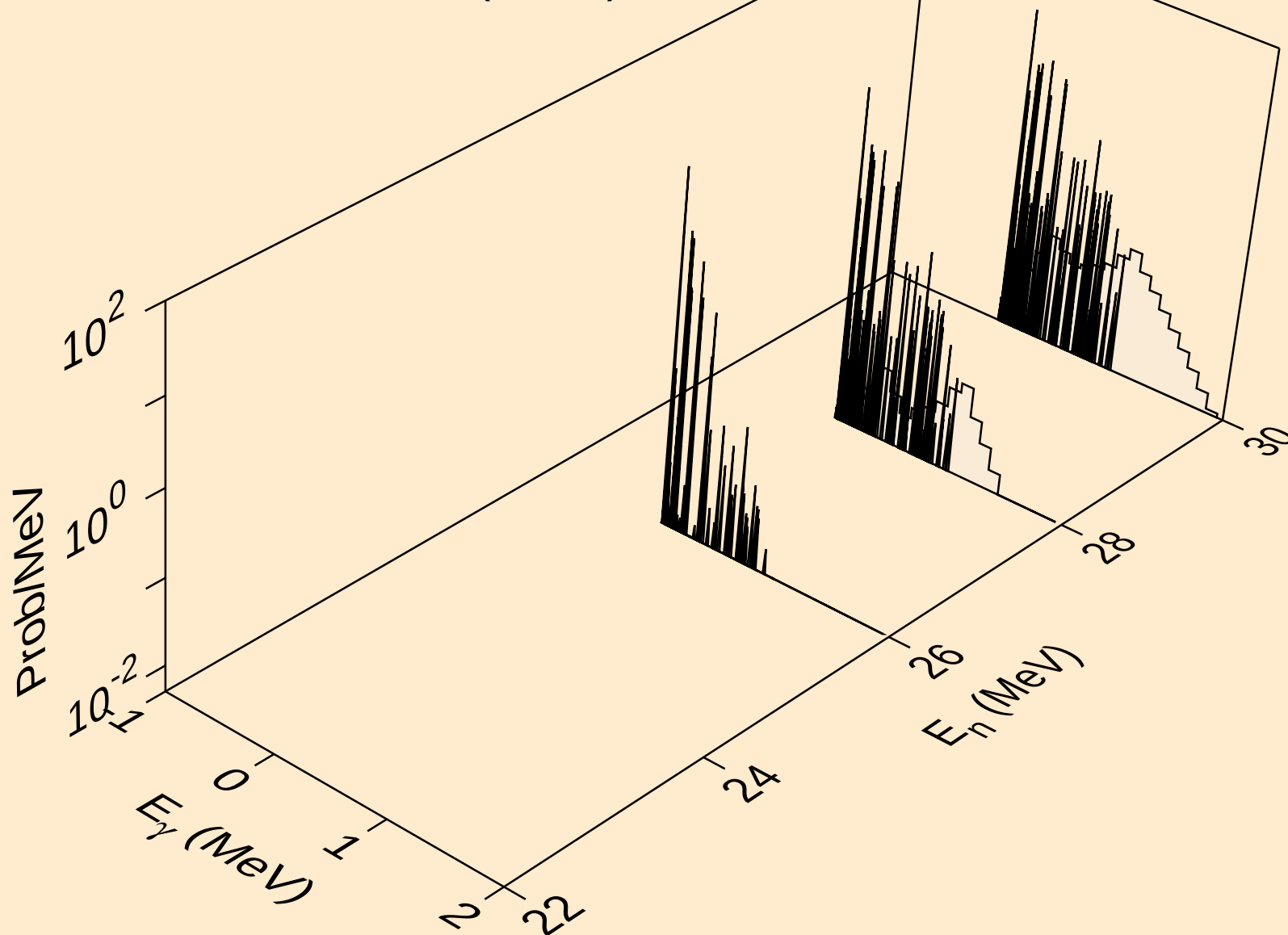
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



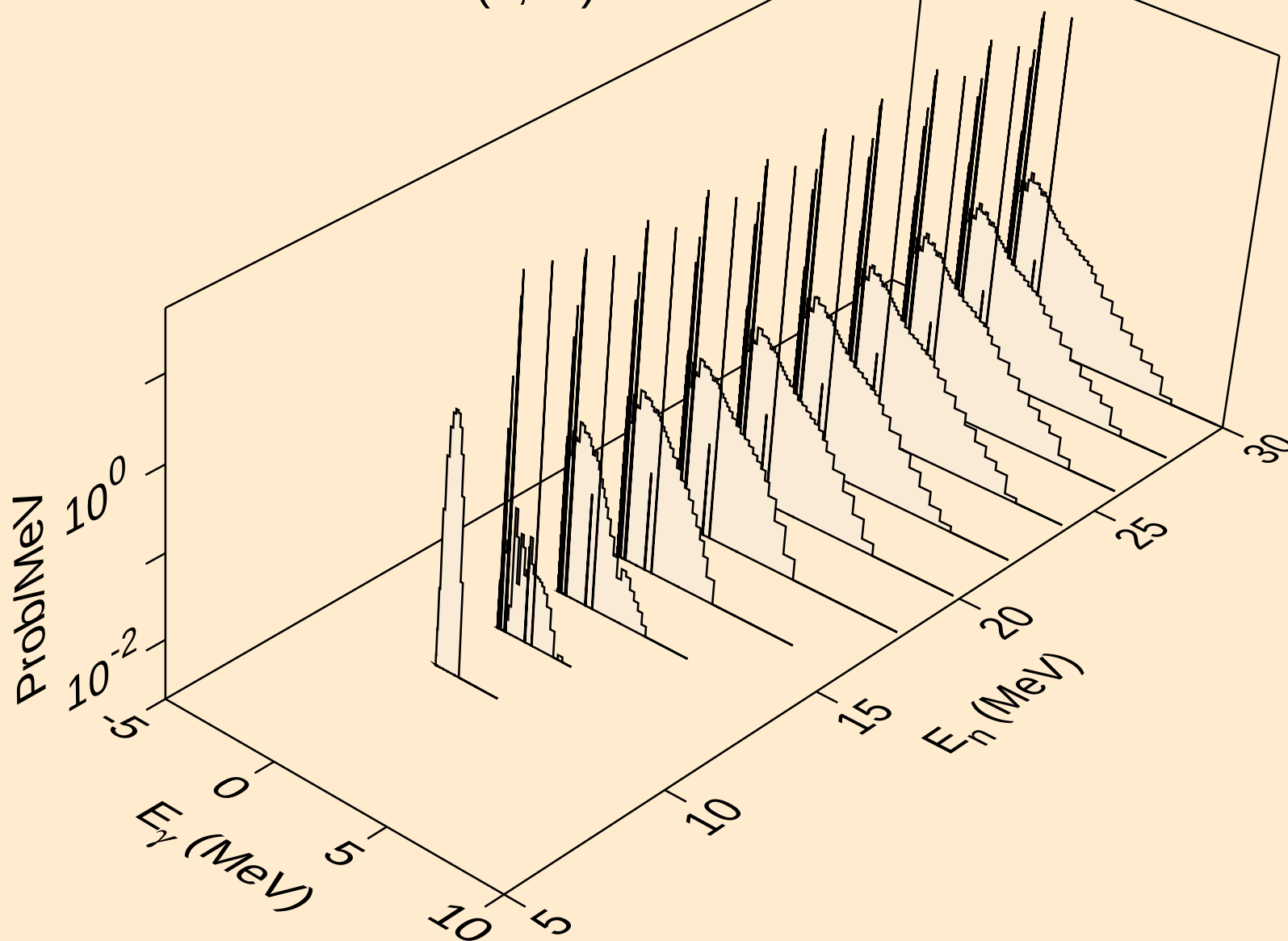
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



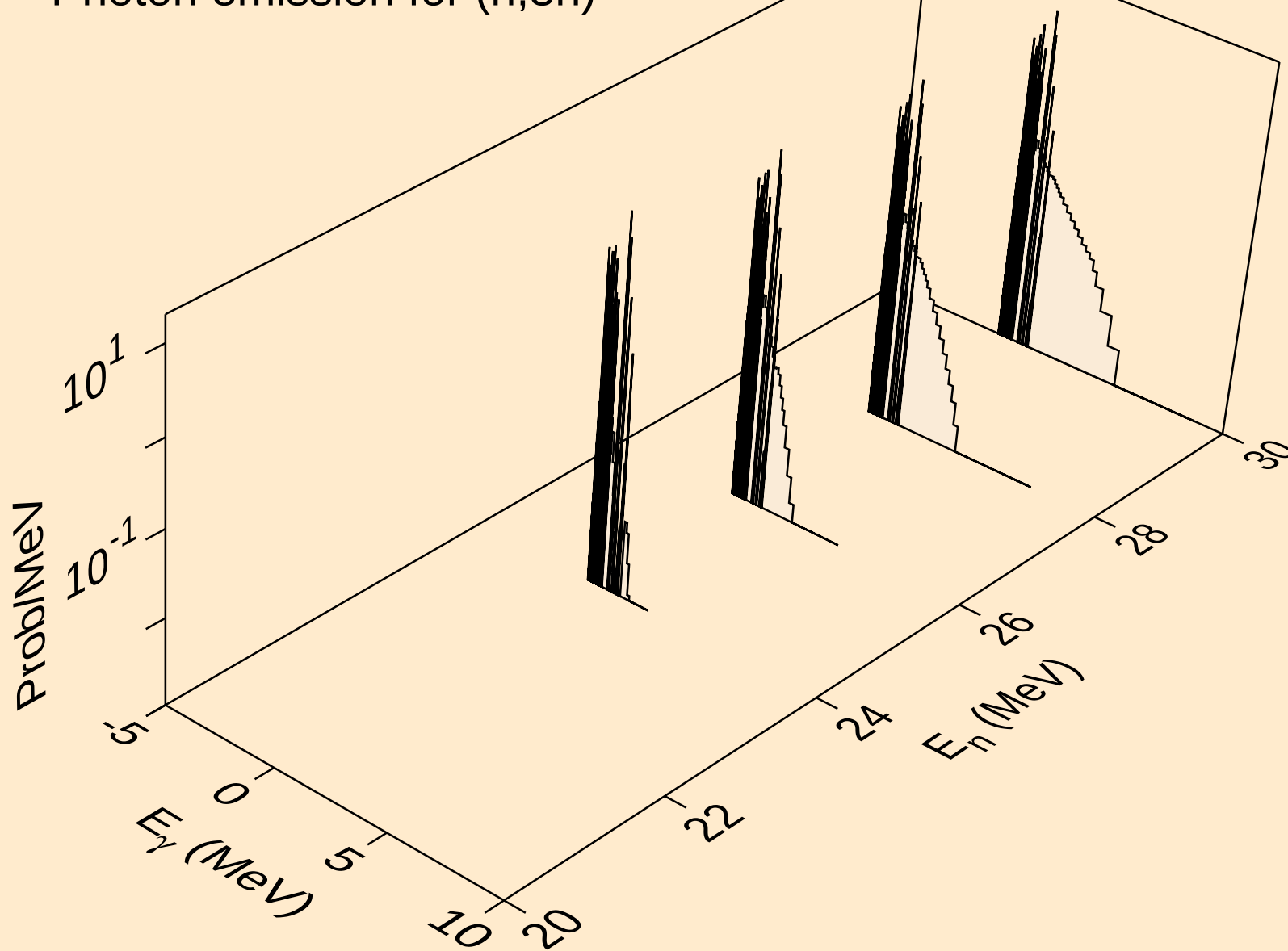
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



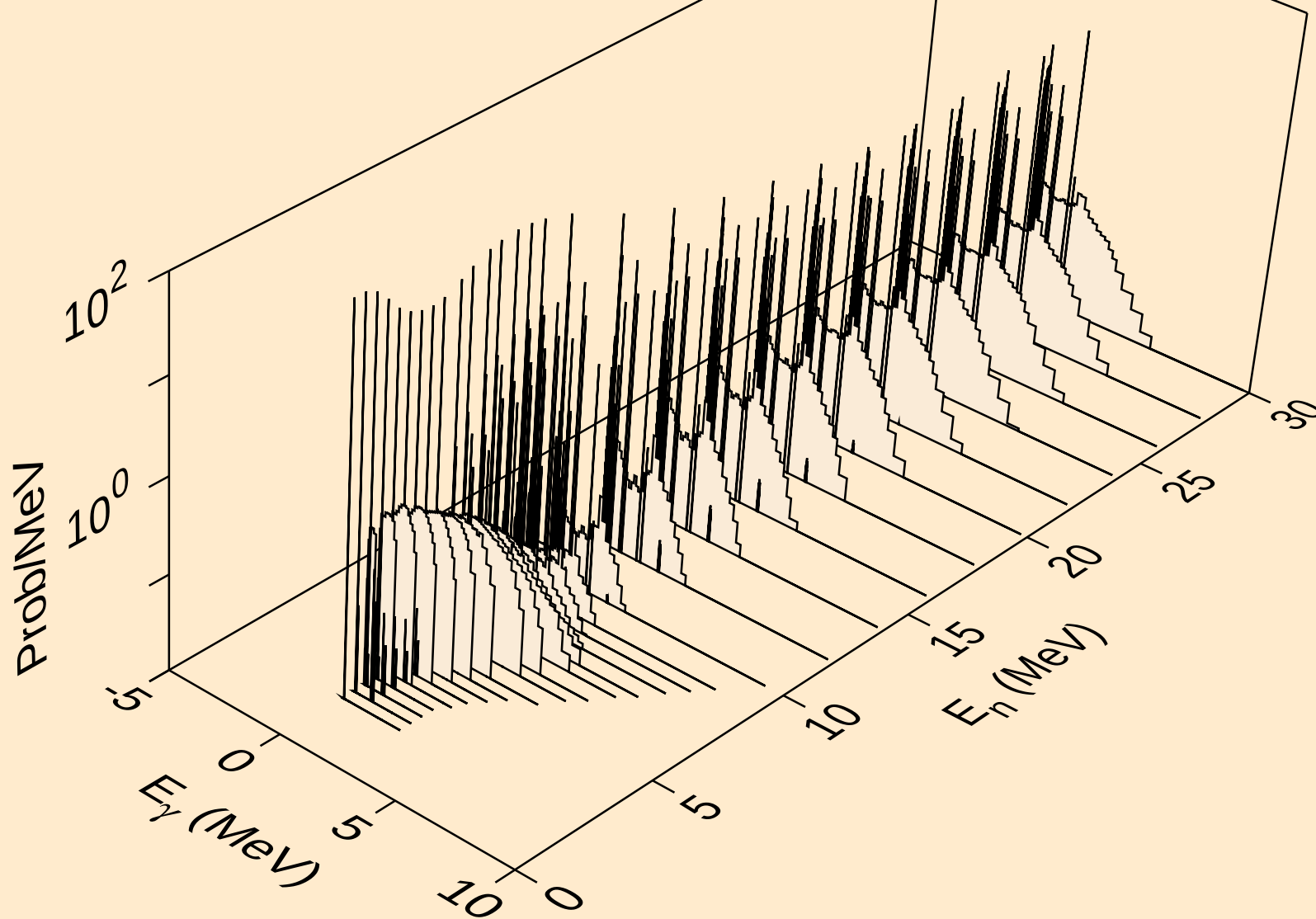
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)



YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)

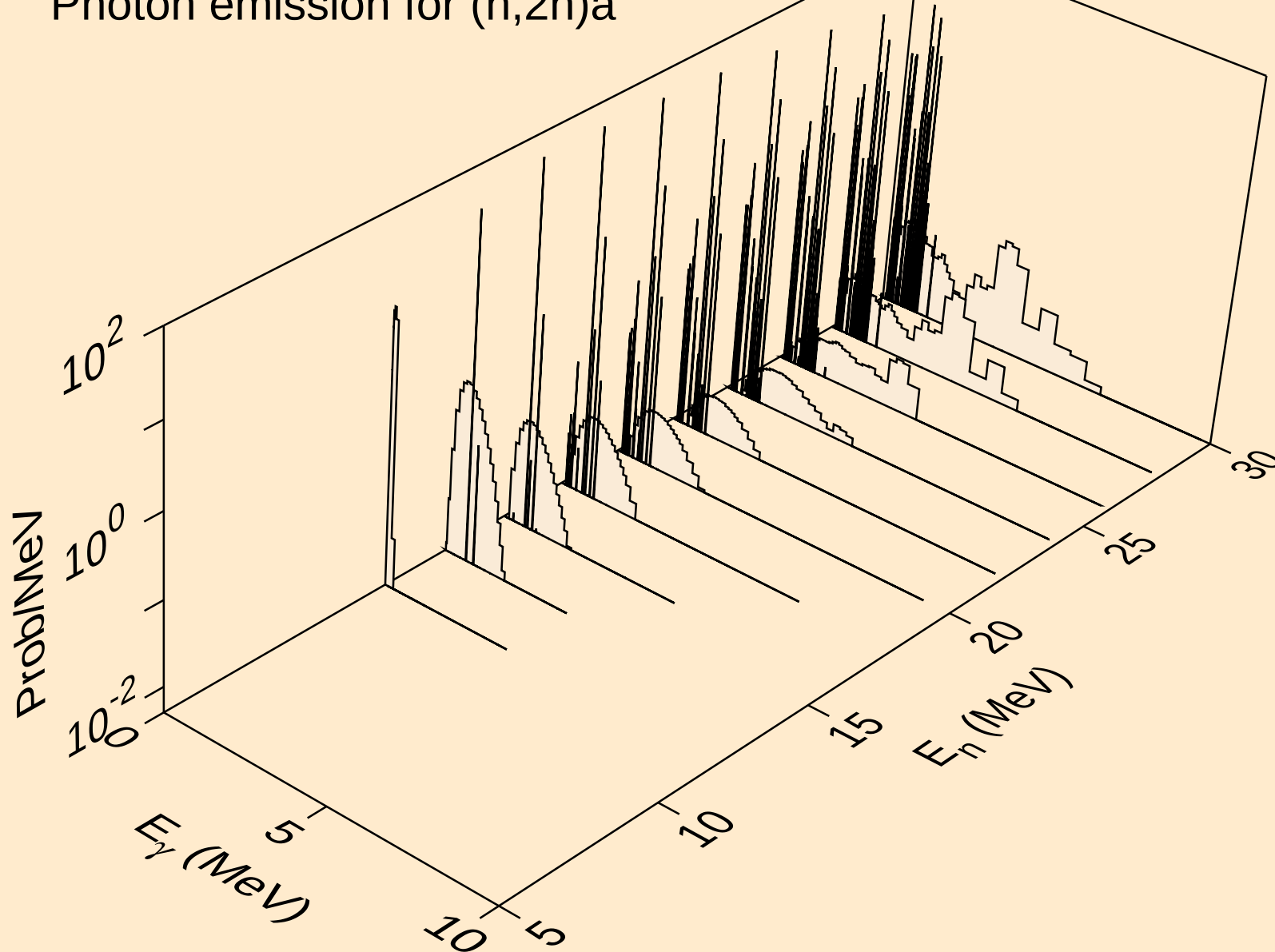


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a

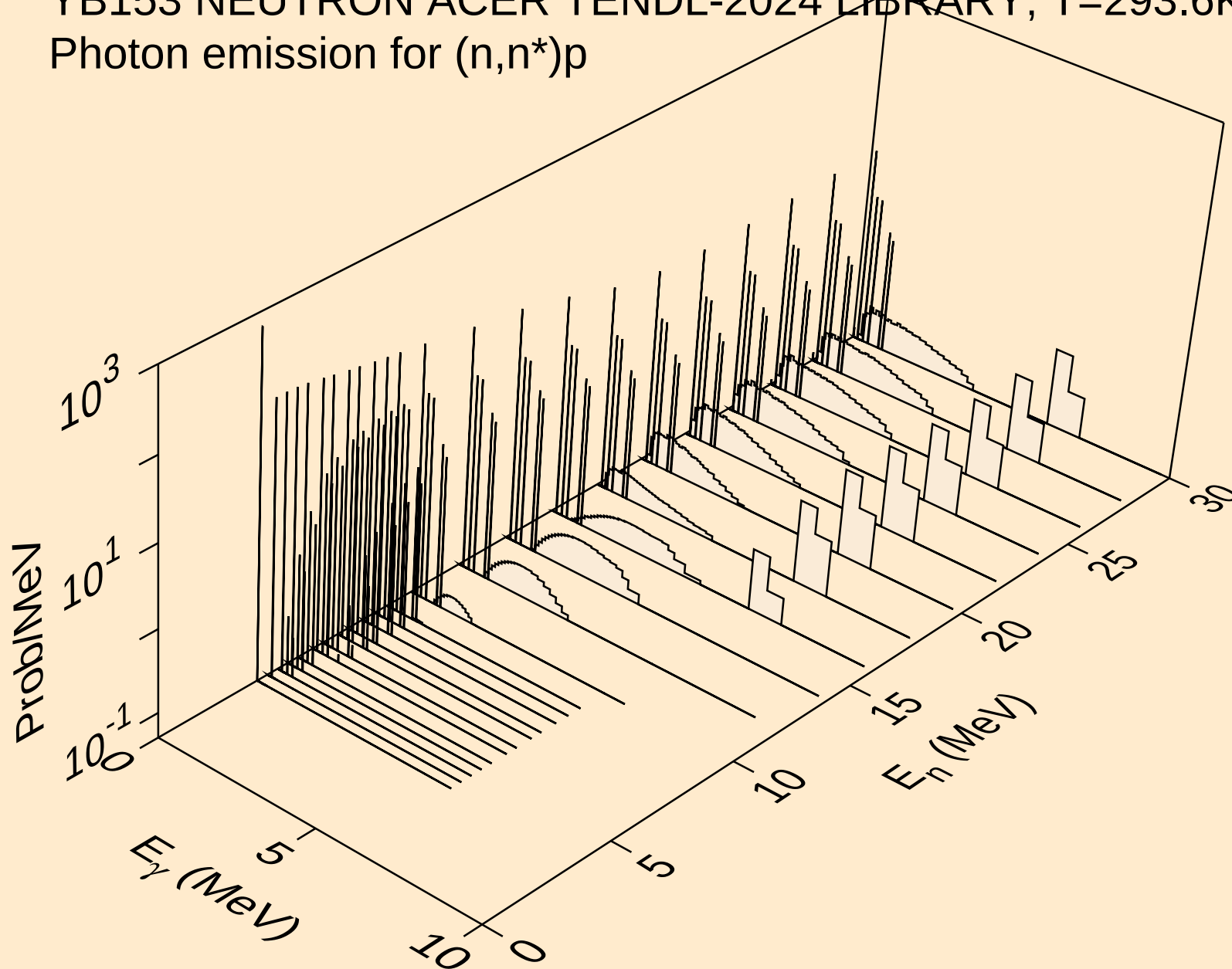


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

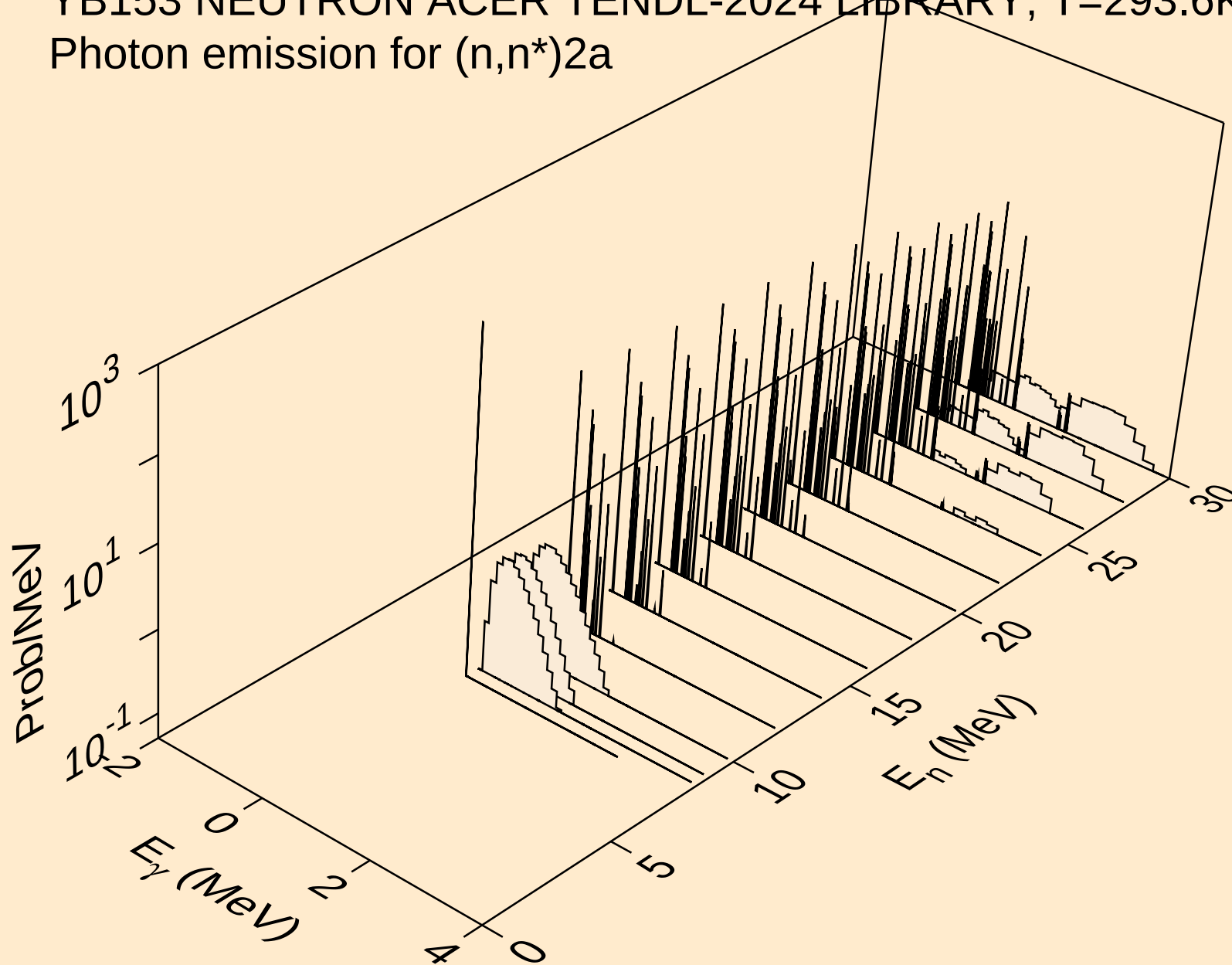
Photon emission for (n,2n) α



YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p

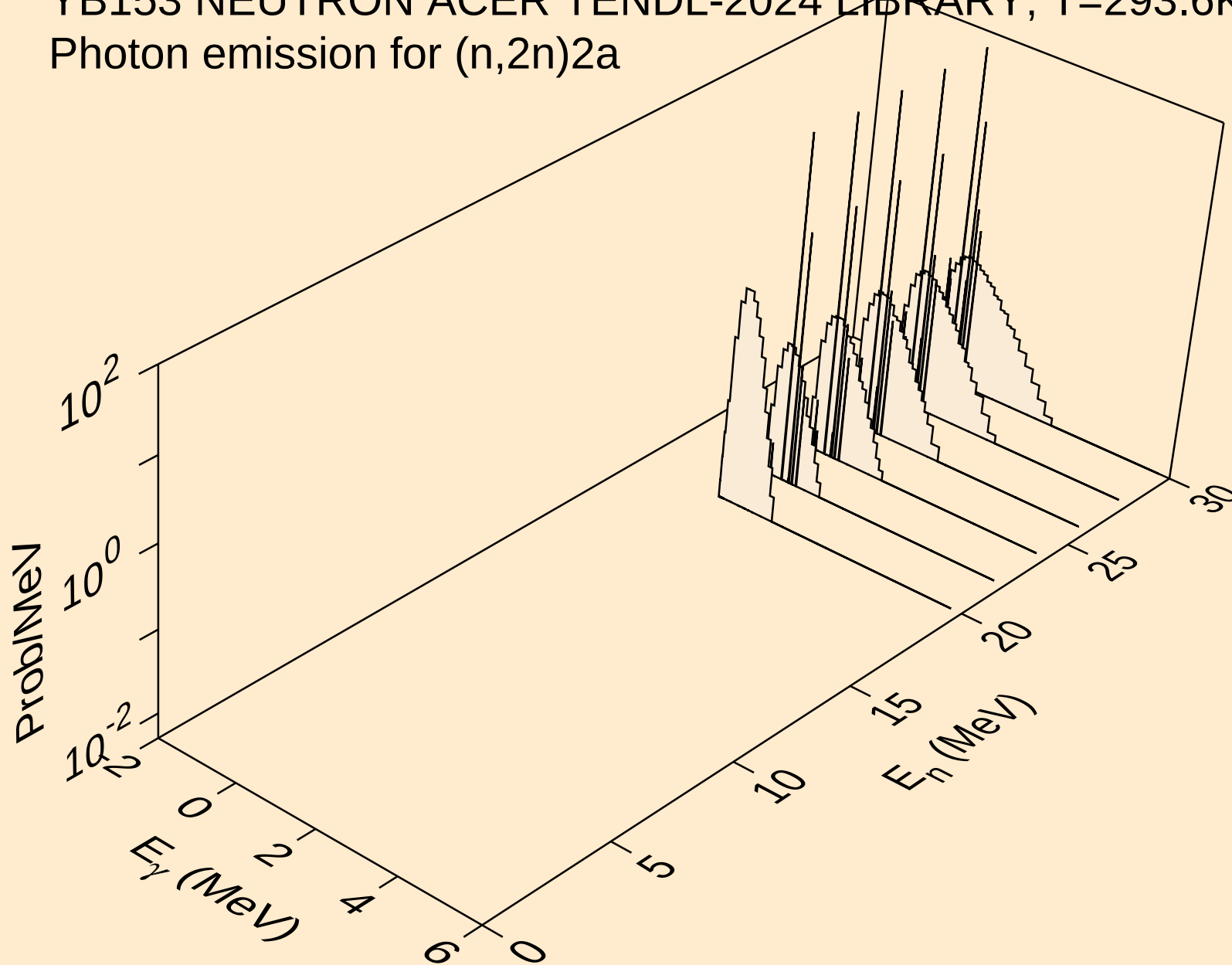


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



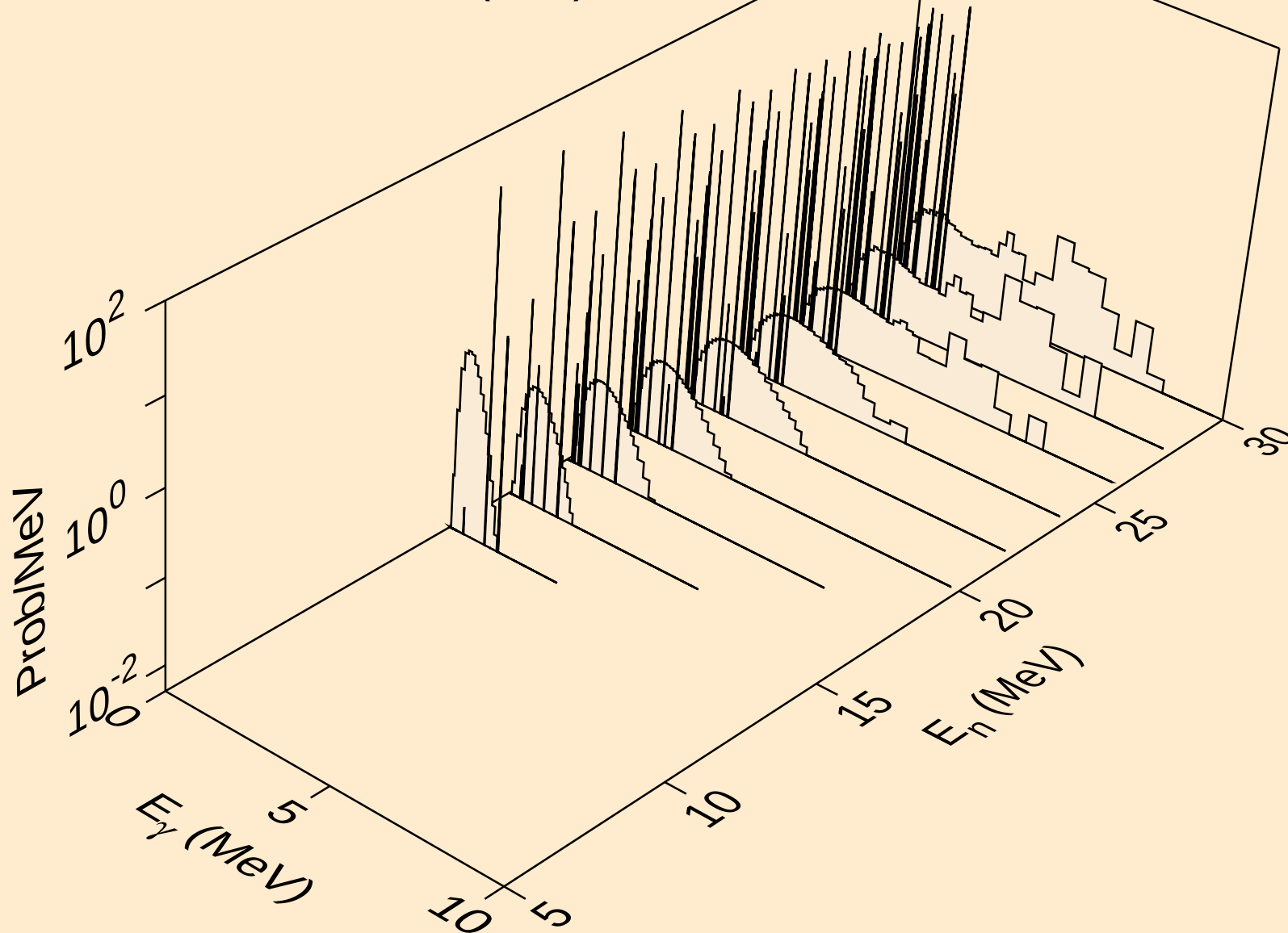
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Photon emission for (n,2n)2a

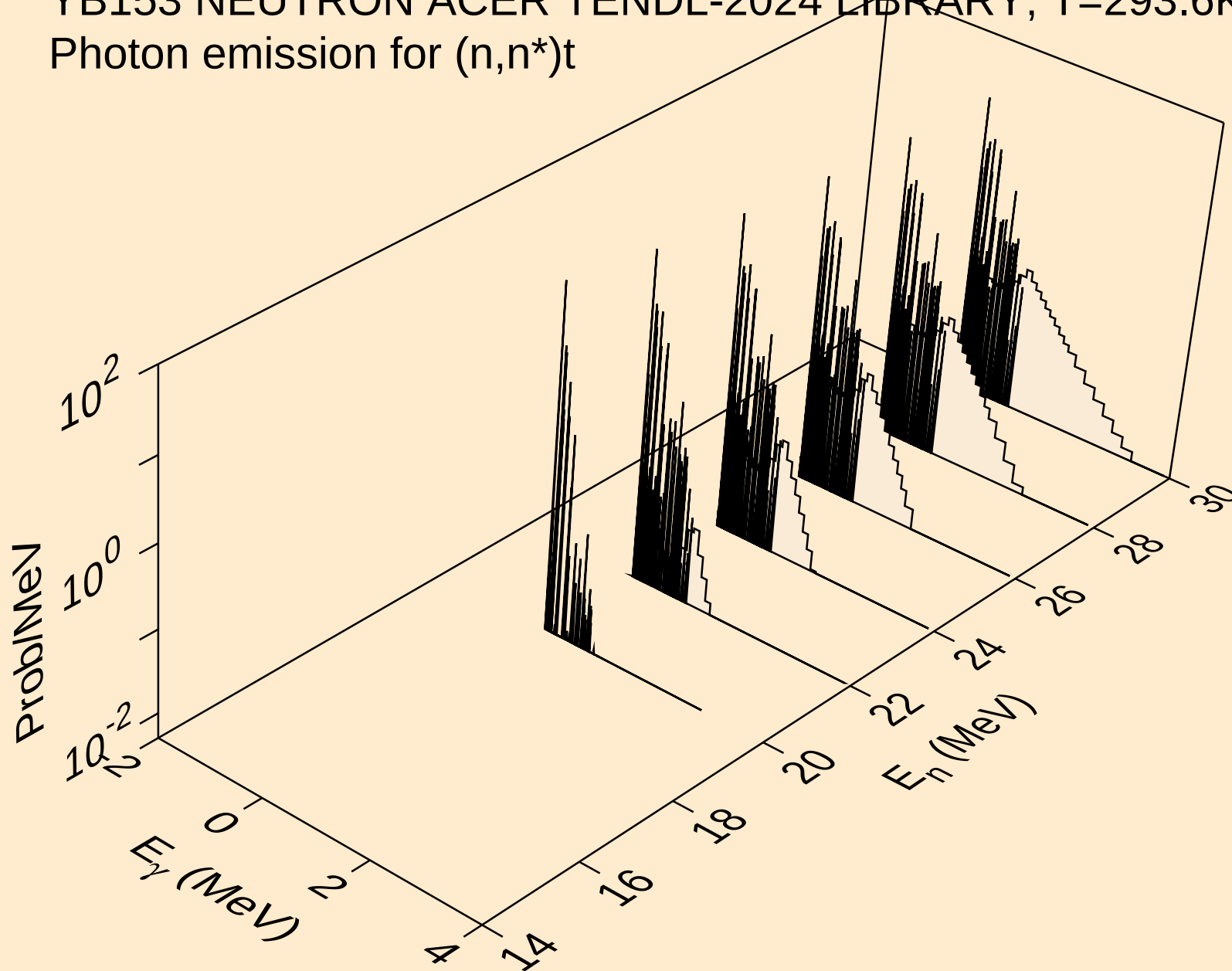


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

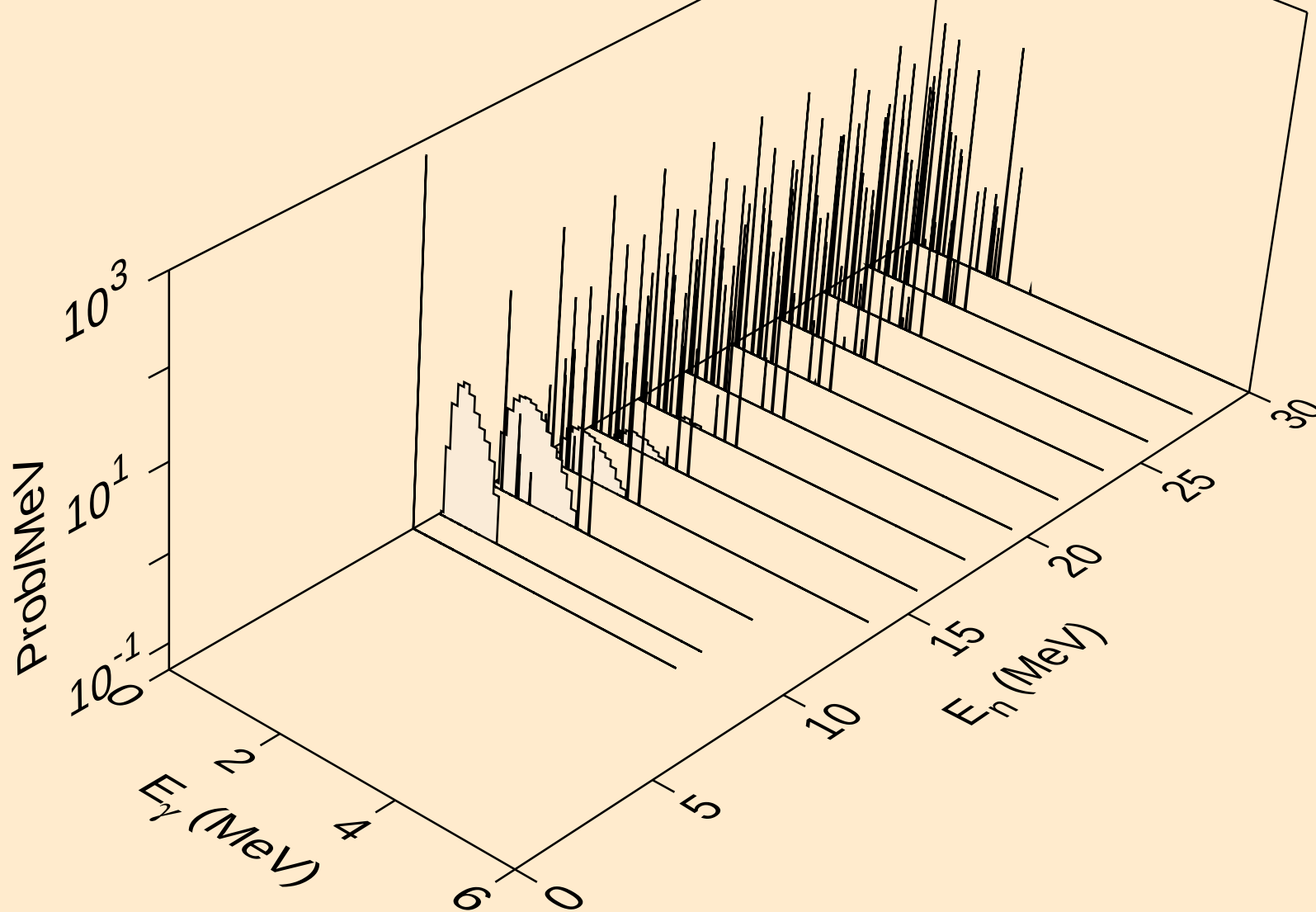
Photon emission for (n,n*)d



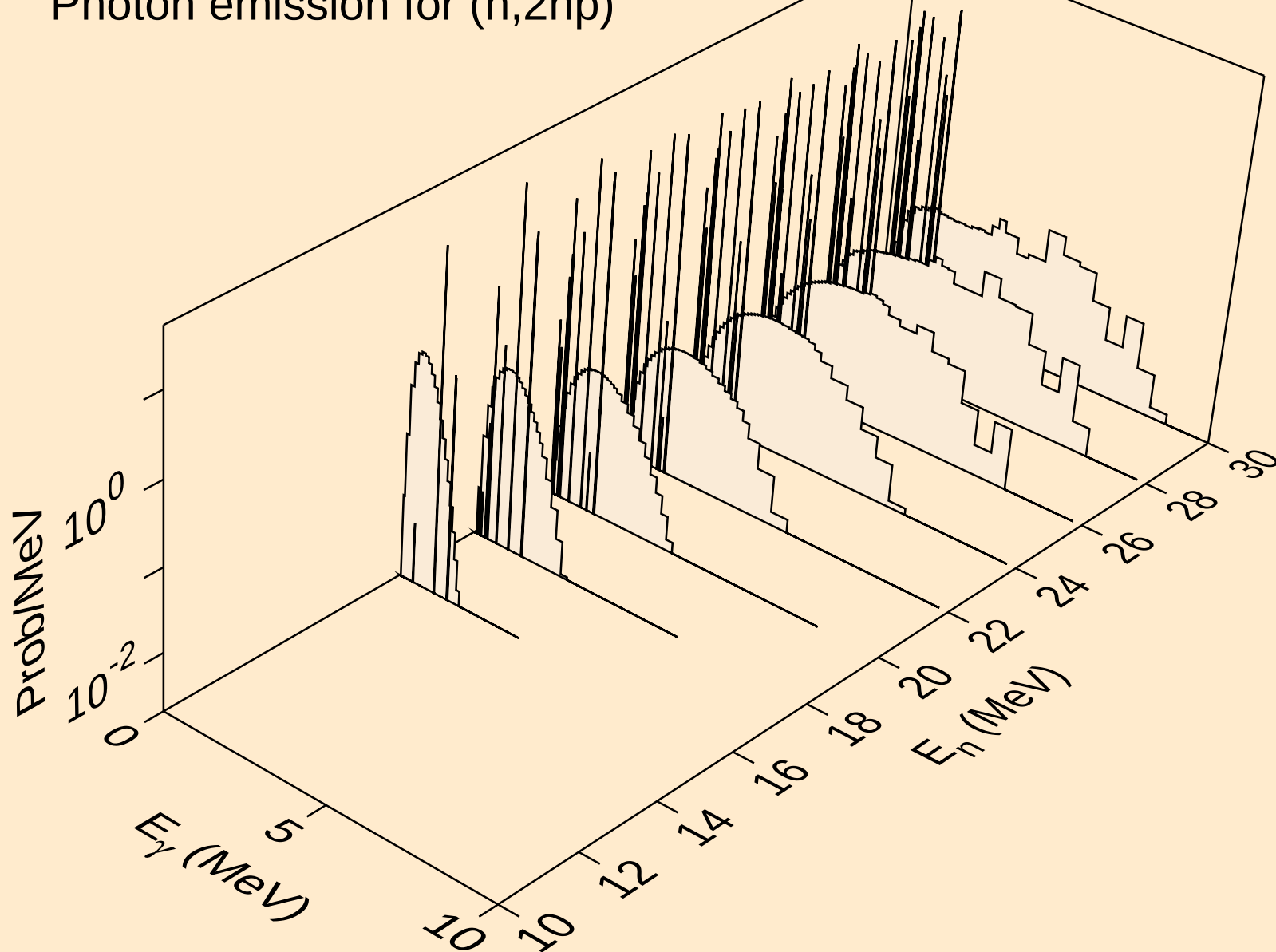
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



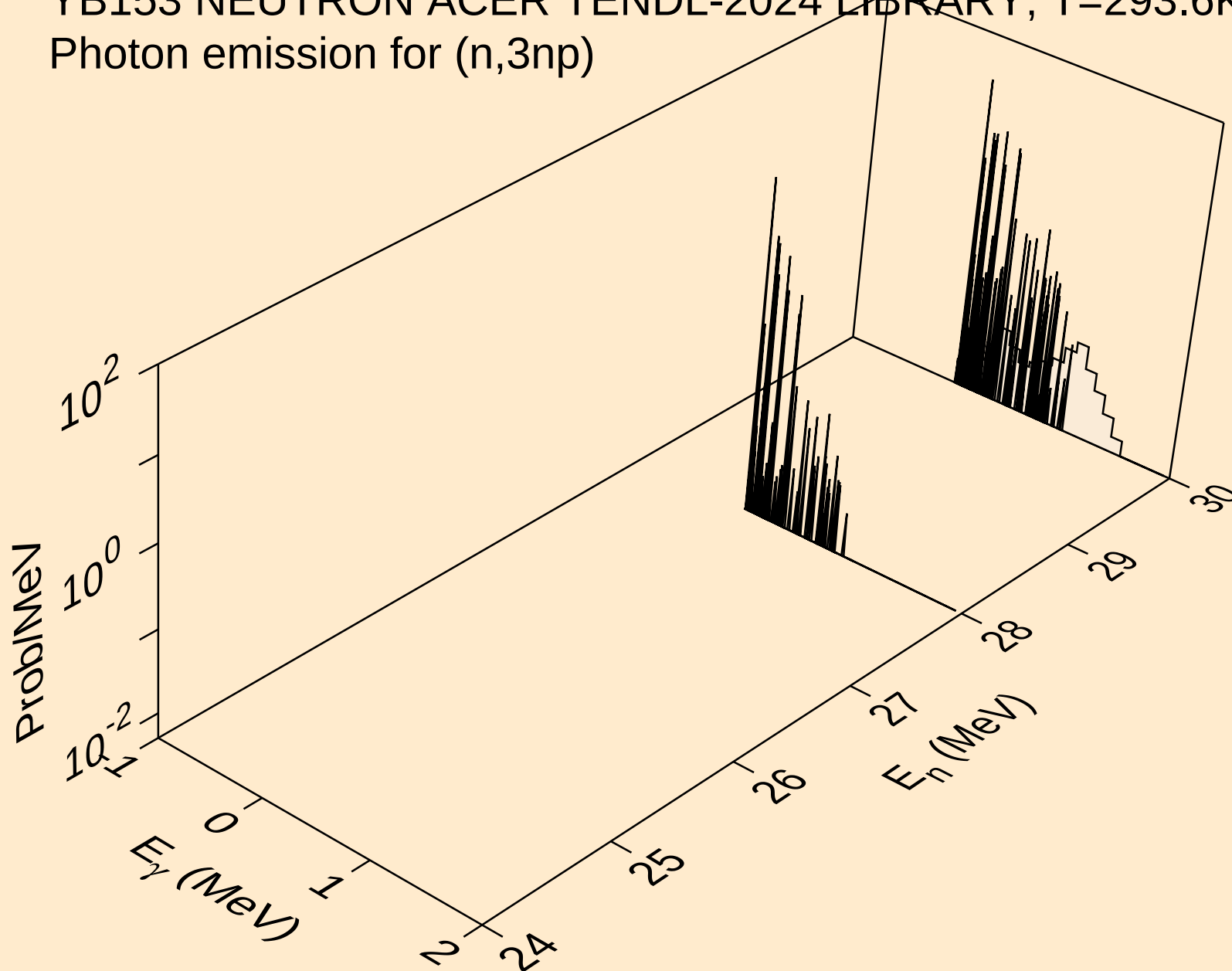
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



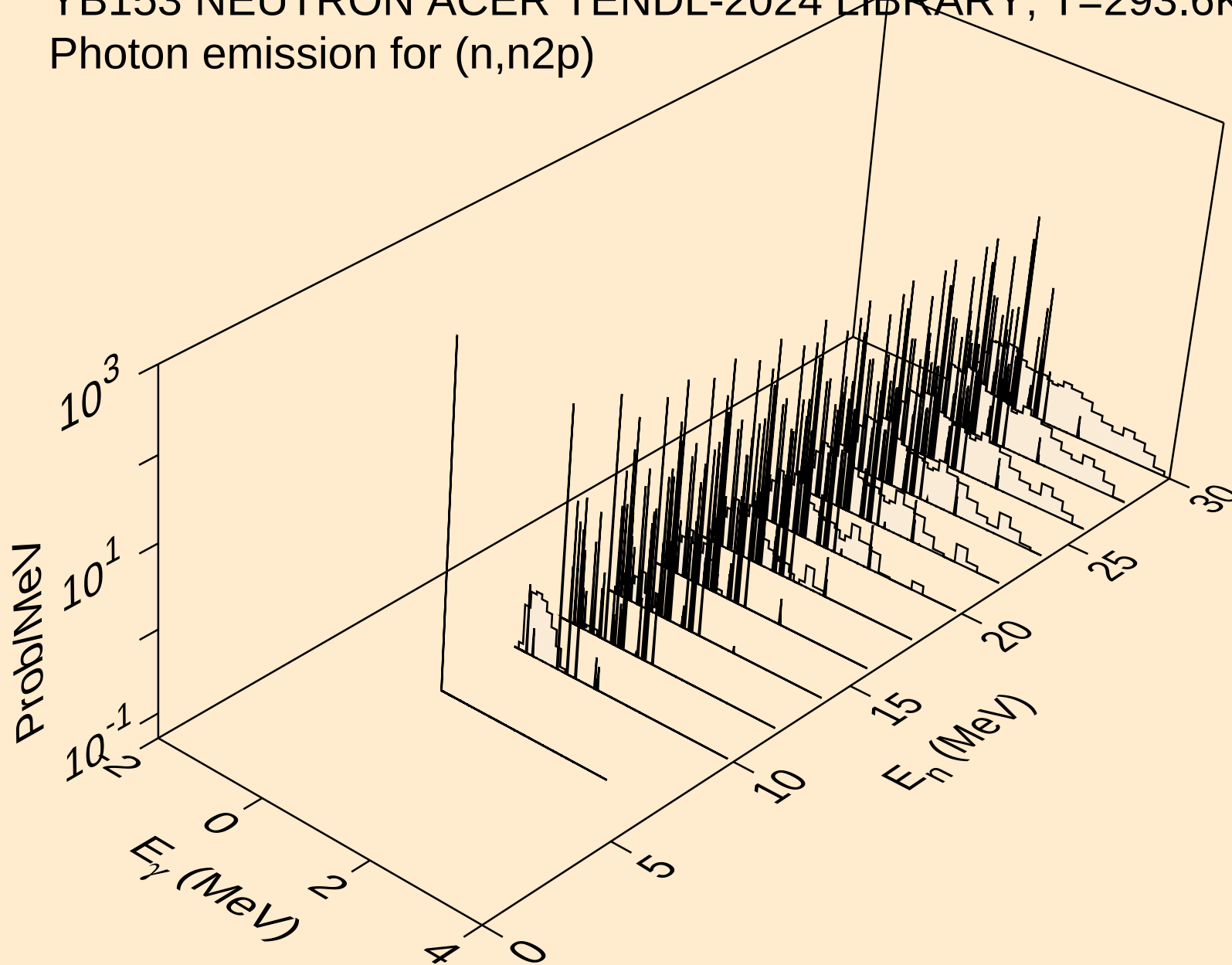
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



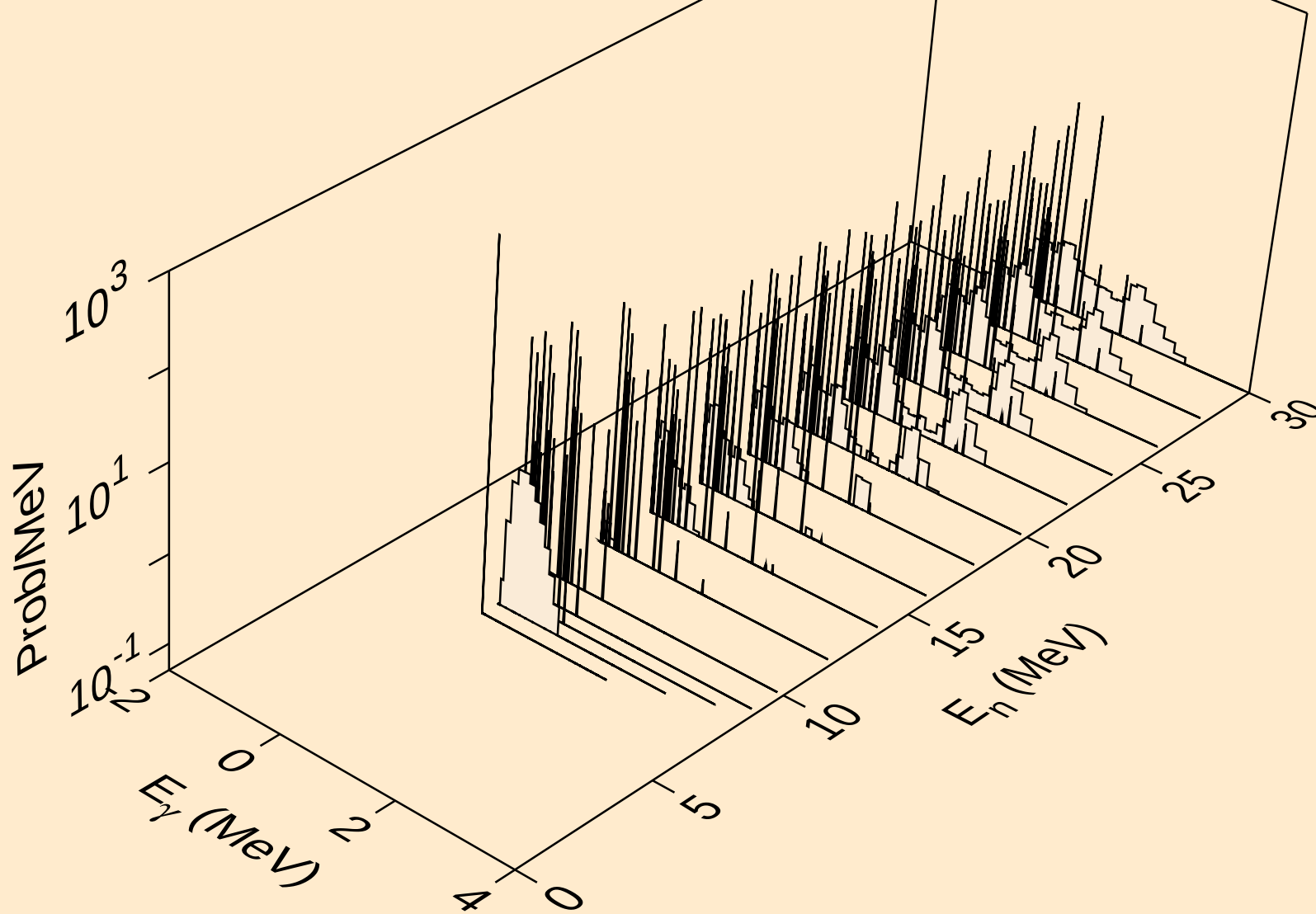
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



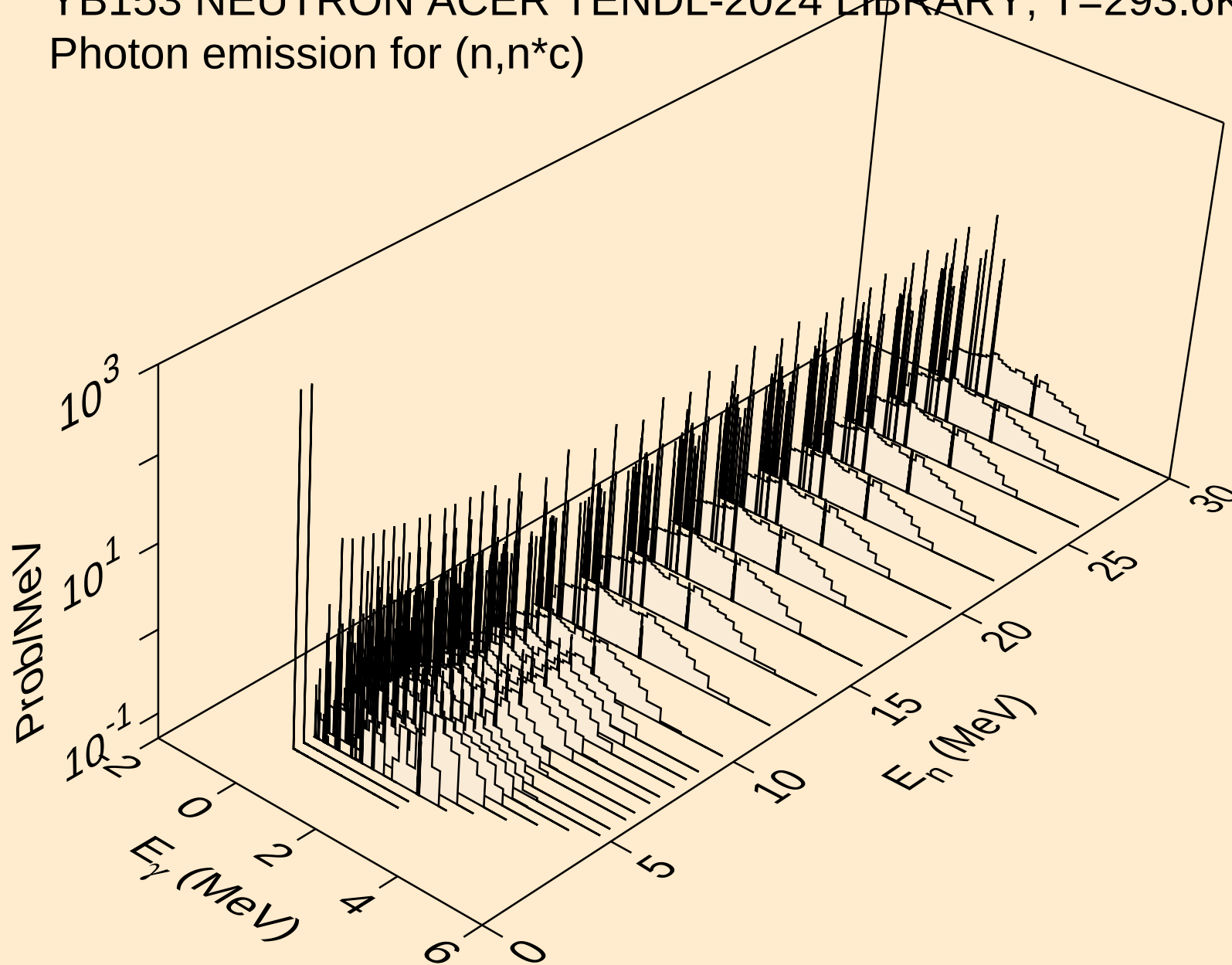
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



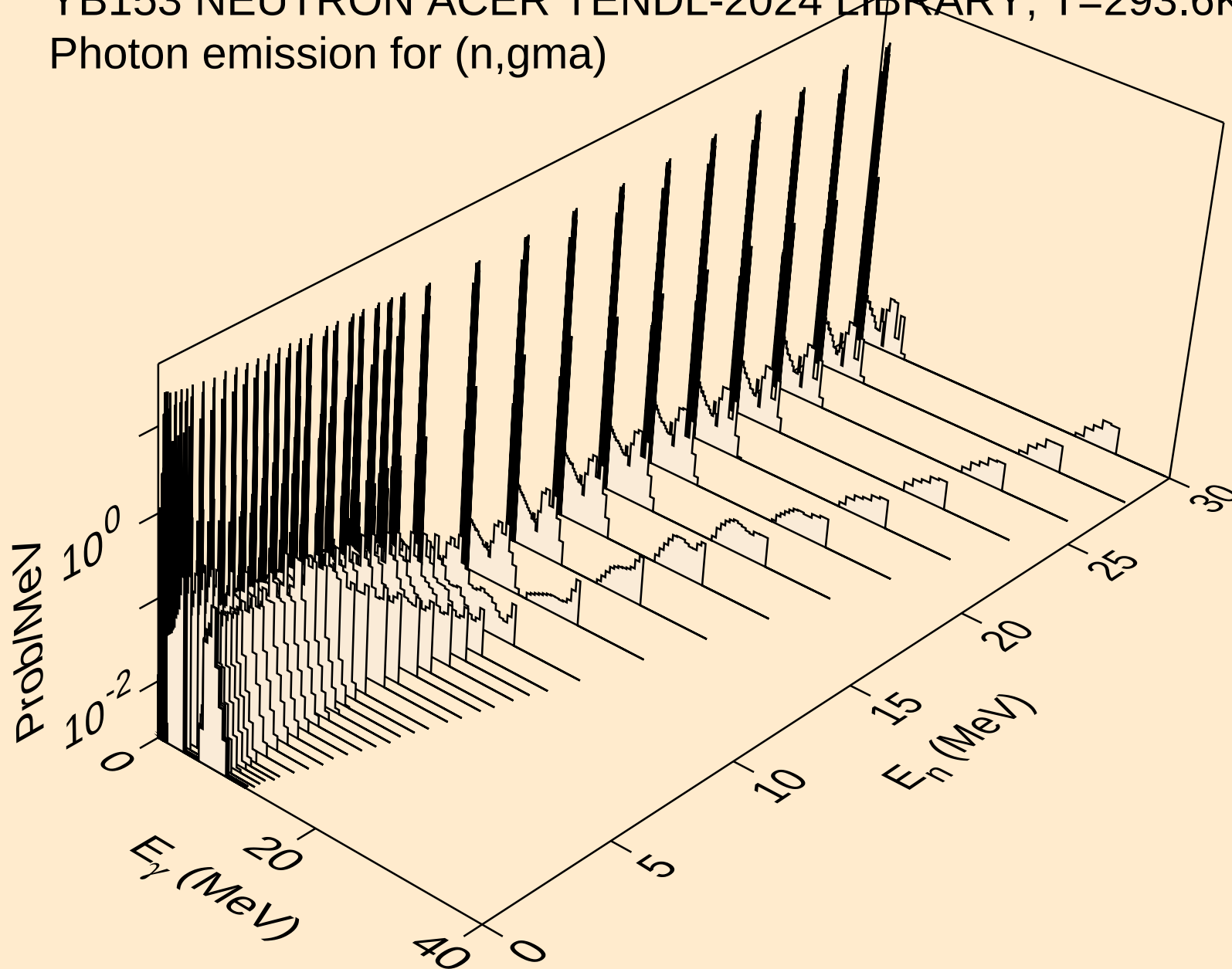
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



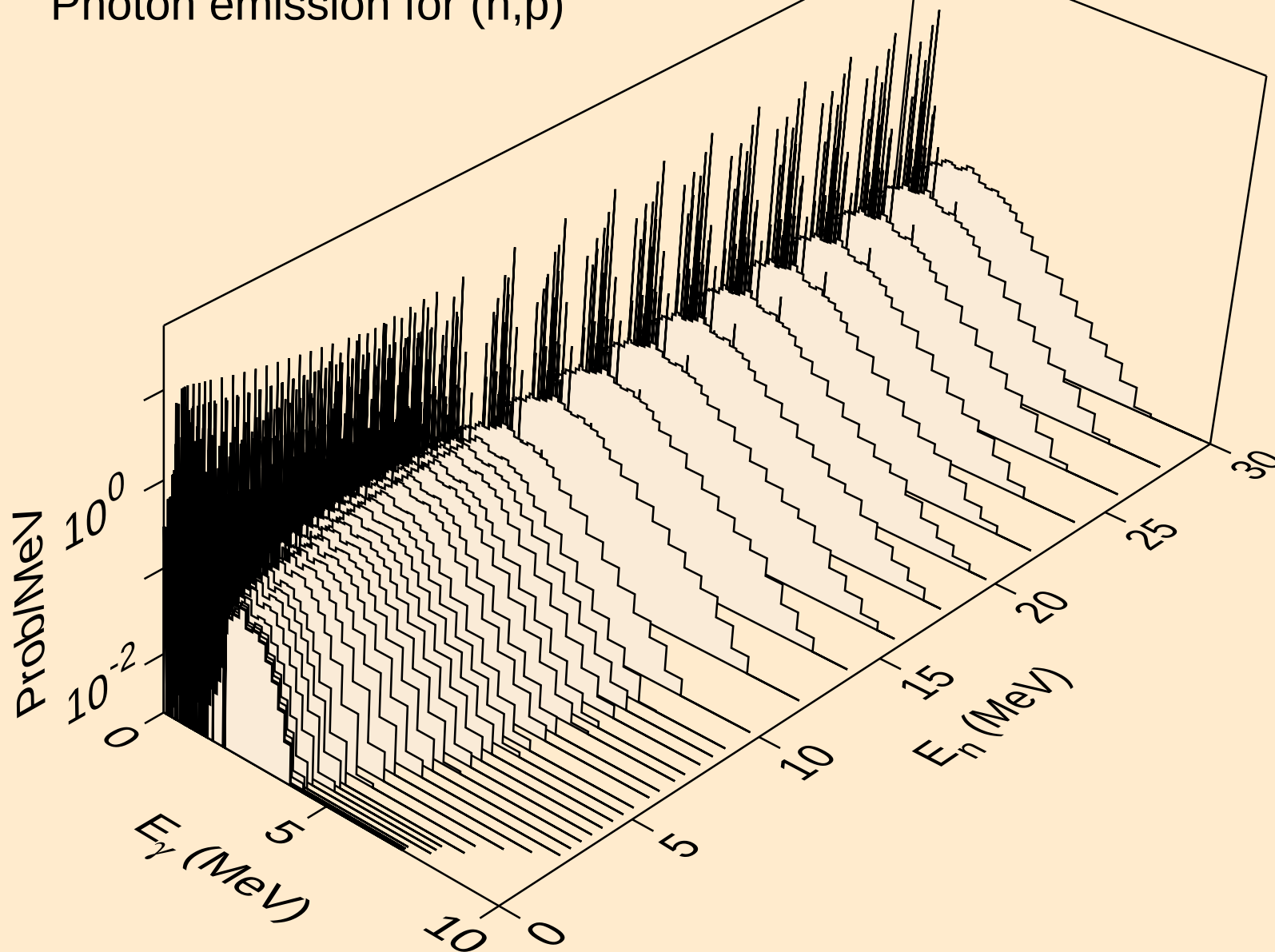
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



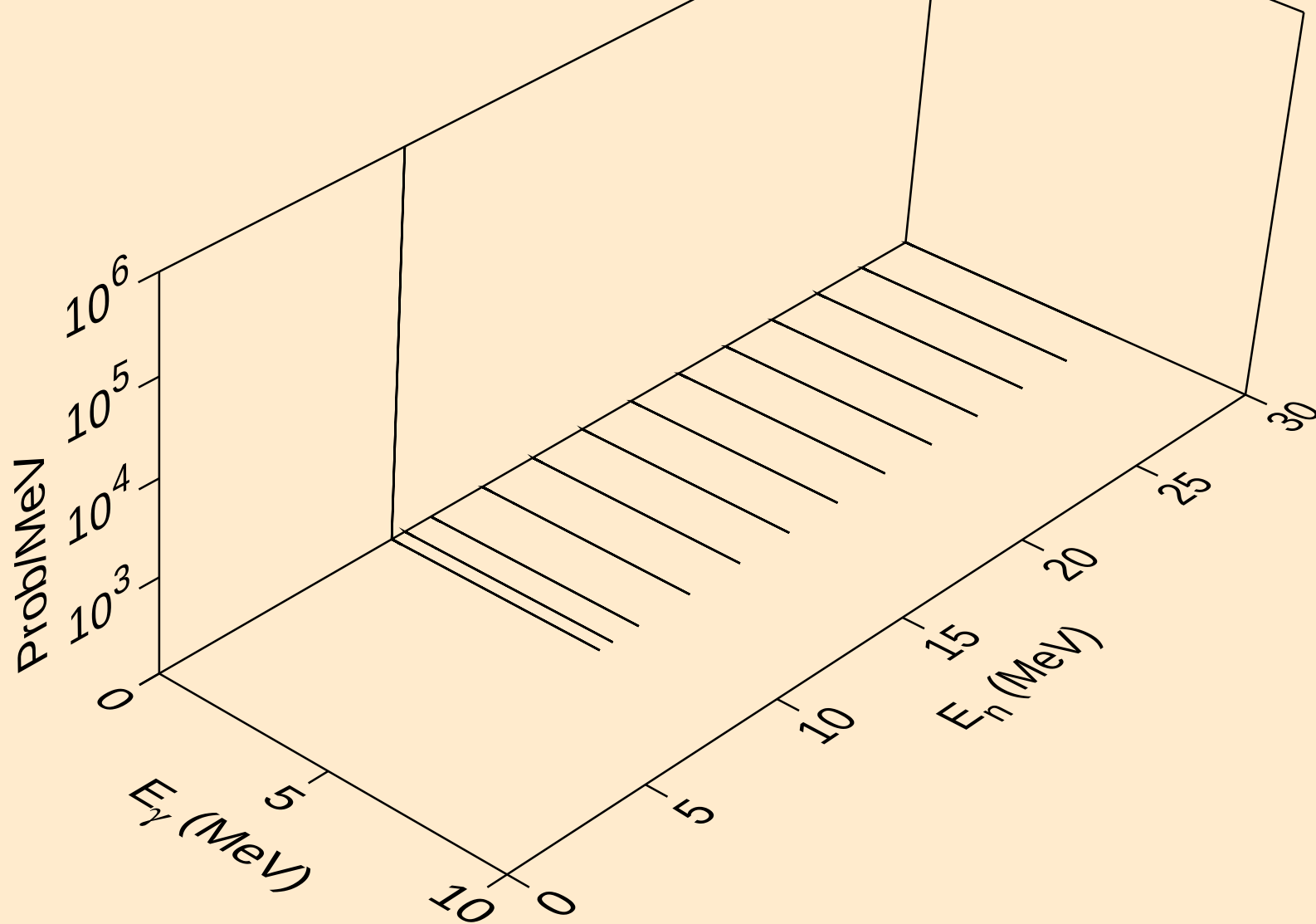
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



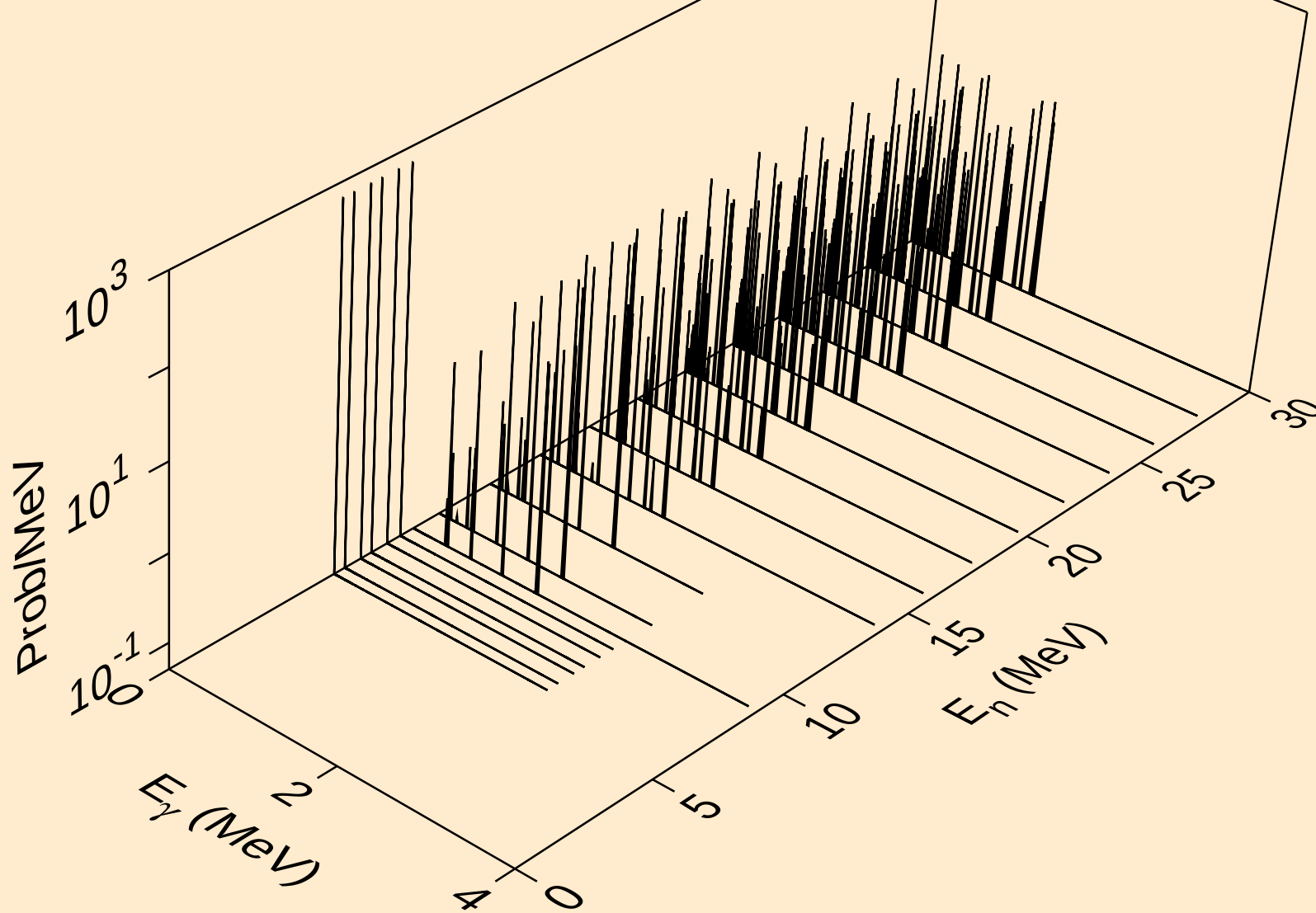
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



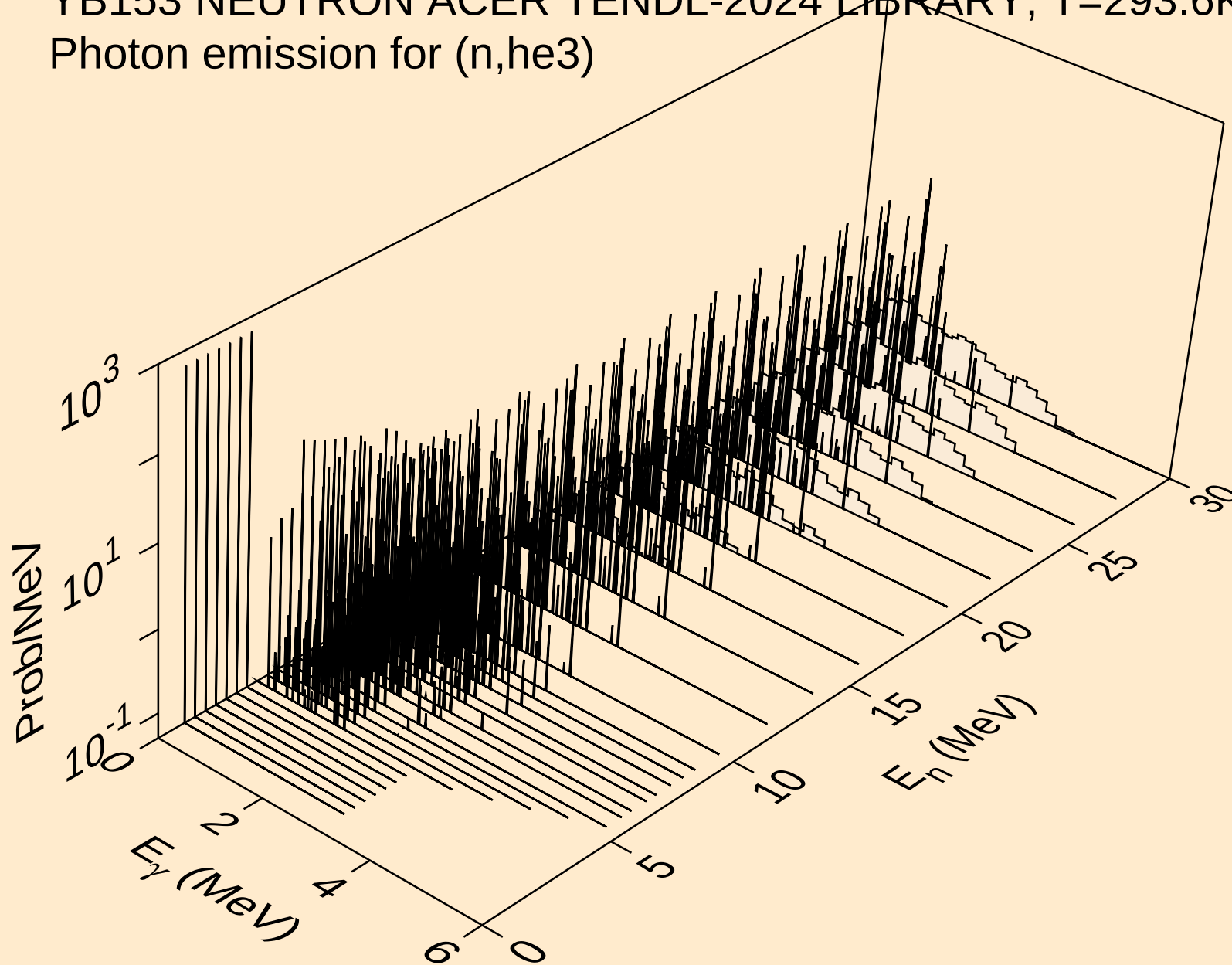
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



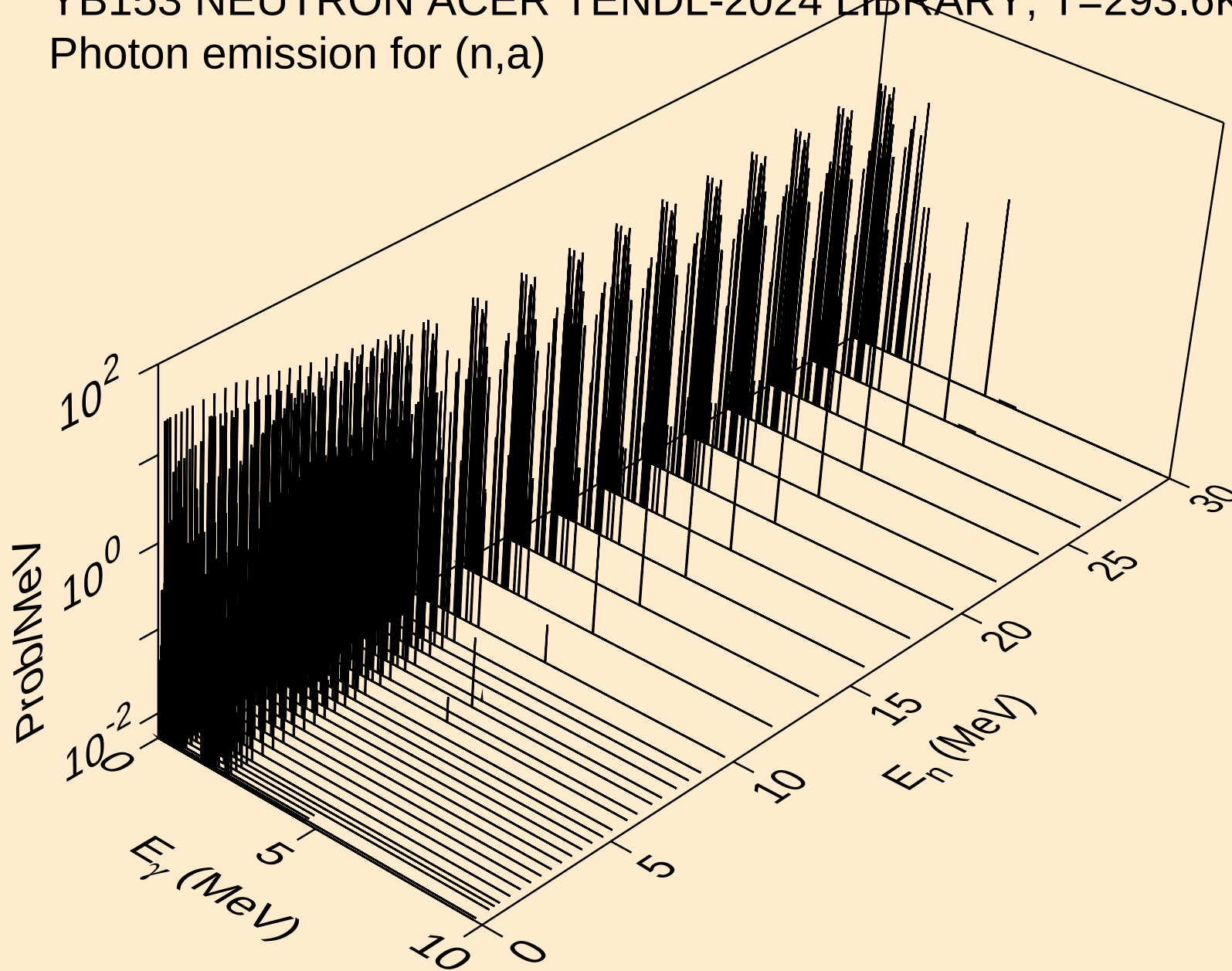
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



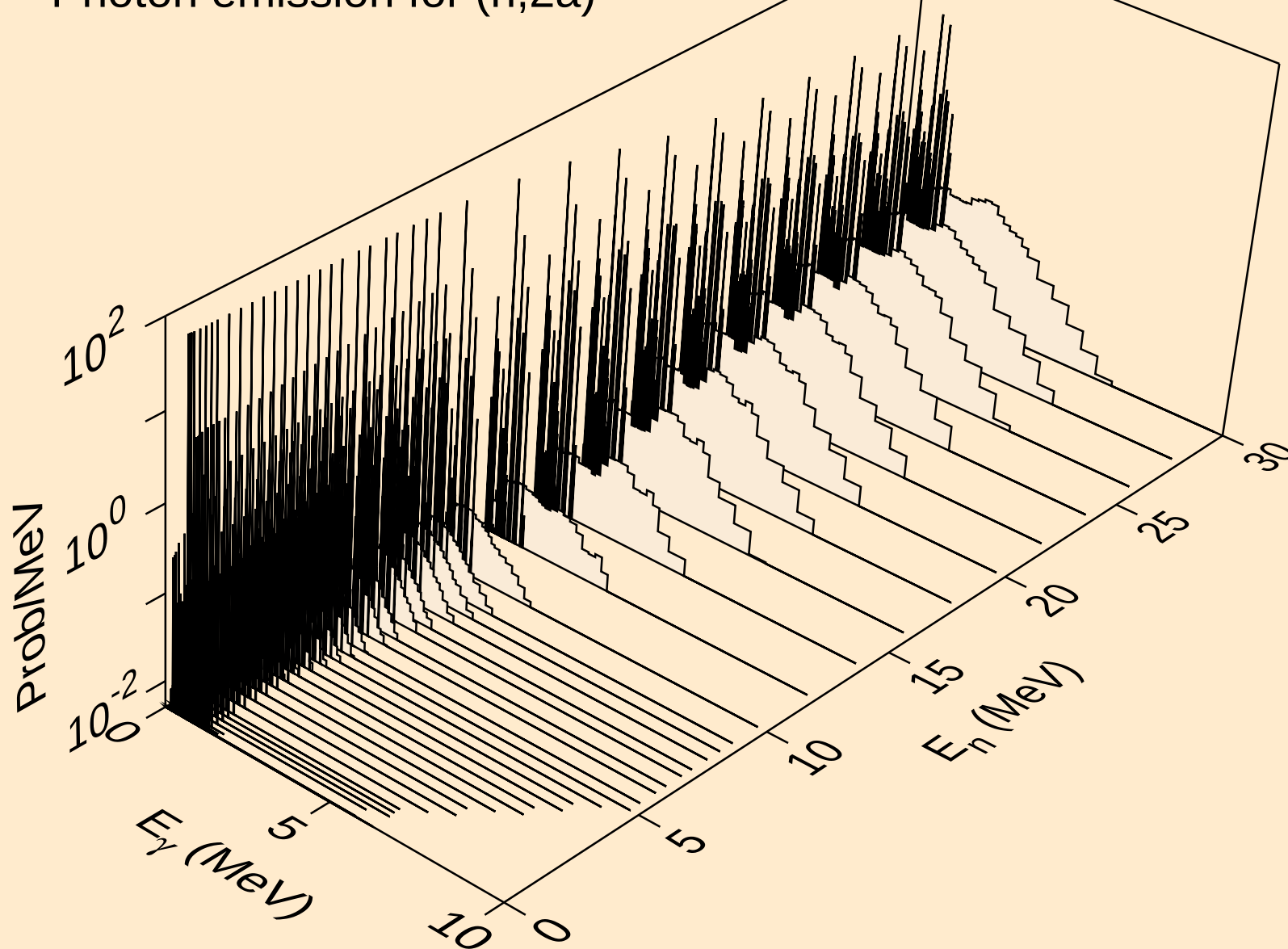
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



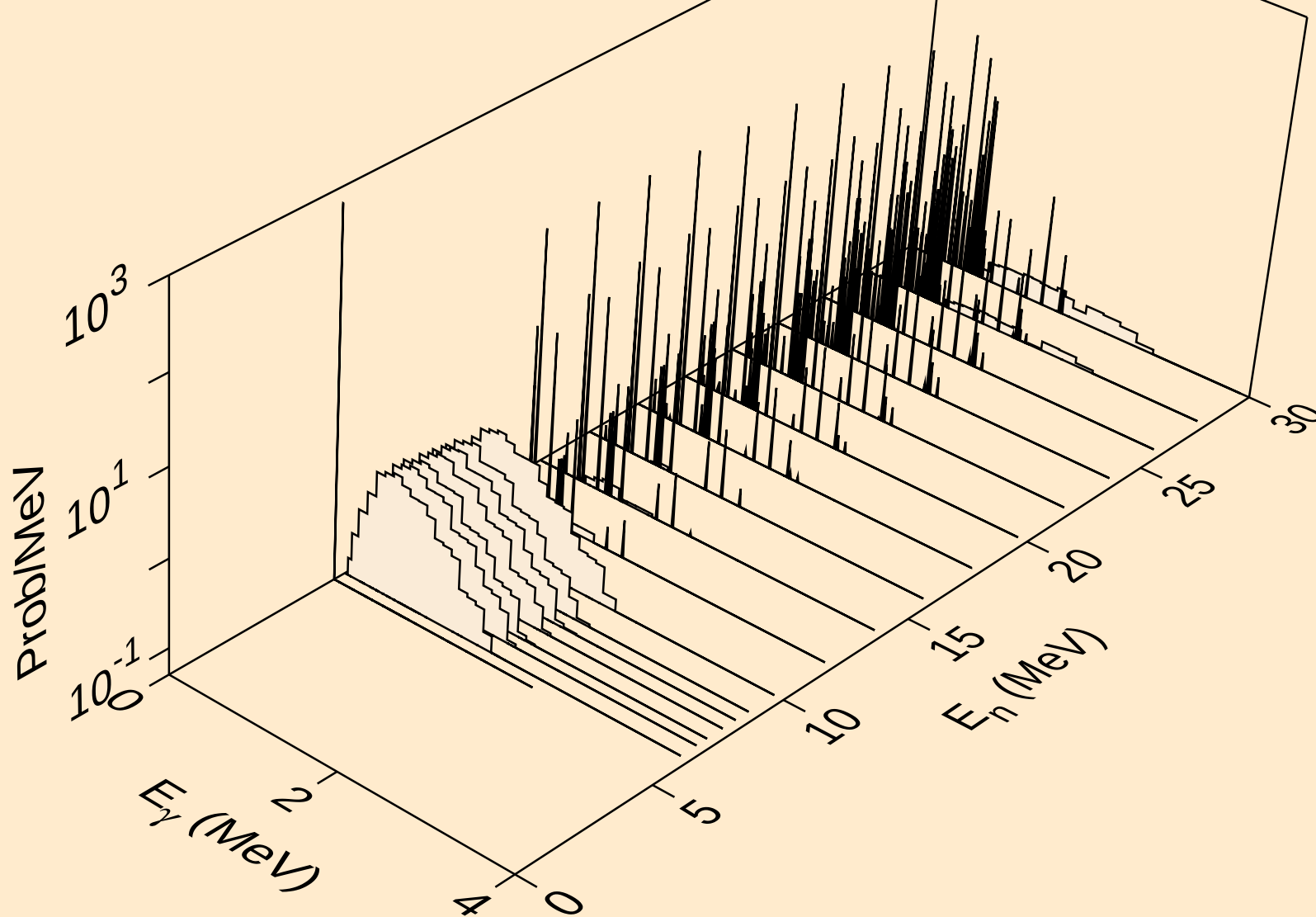
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



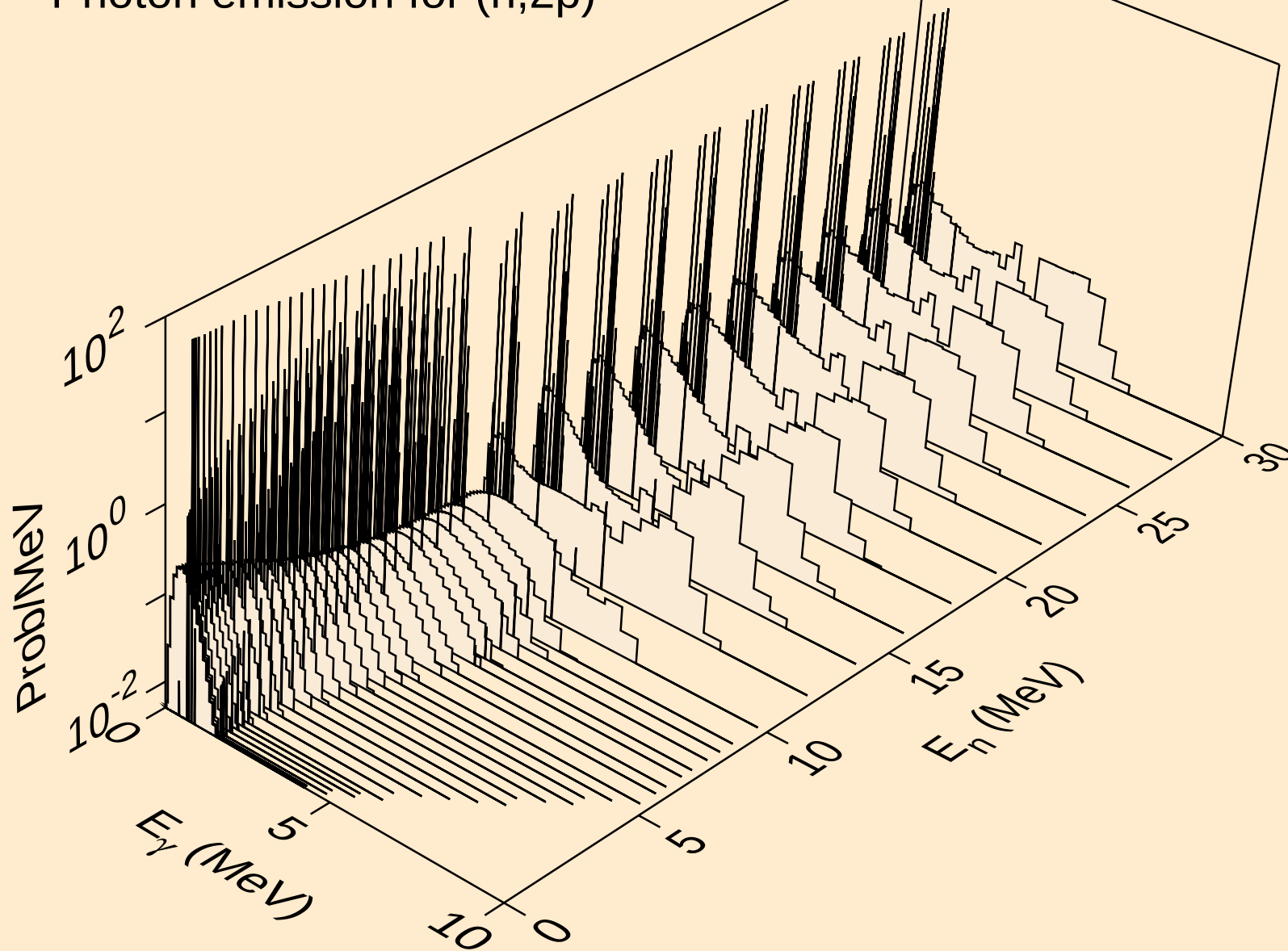
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



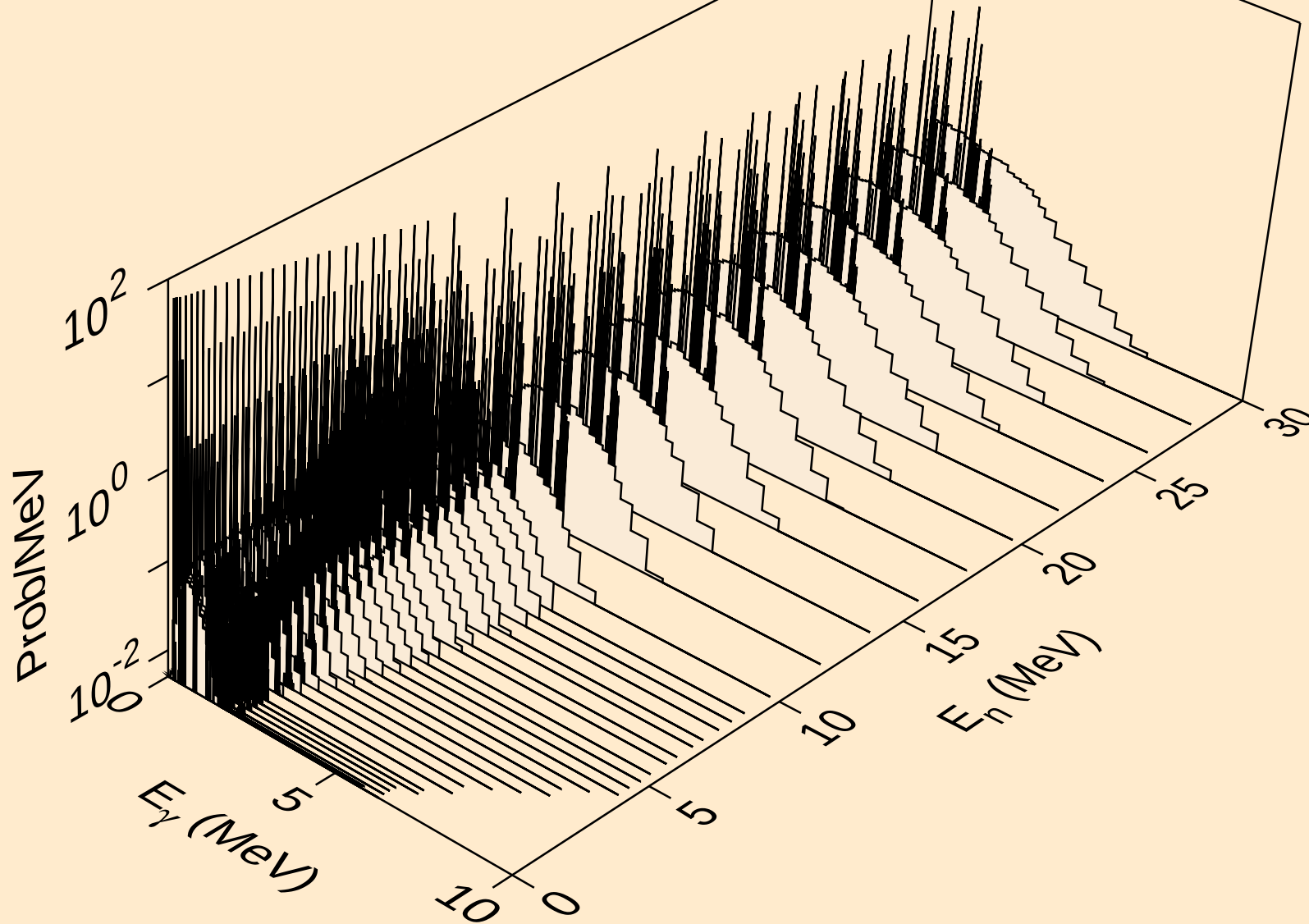
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3a)



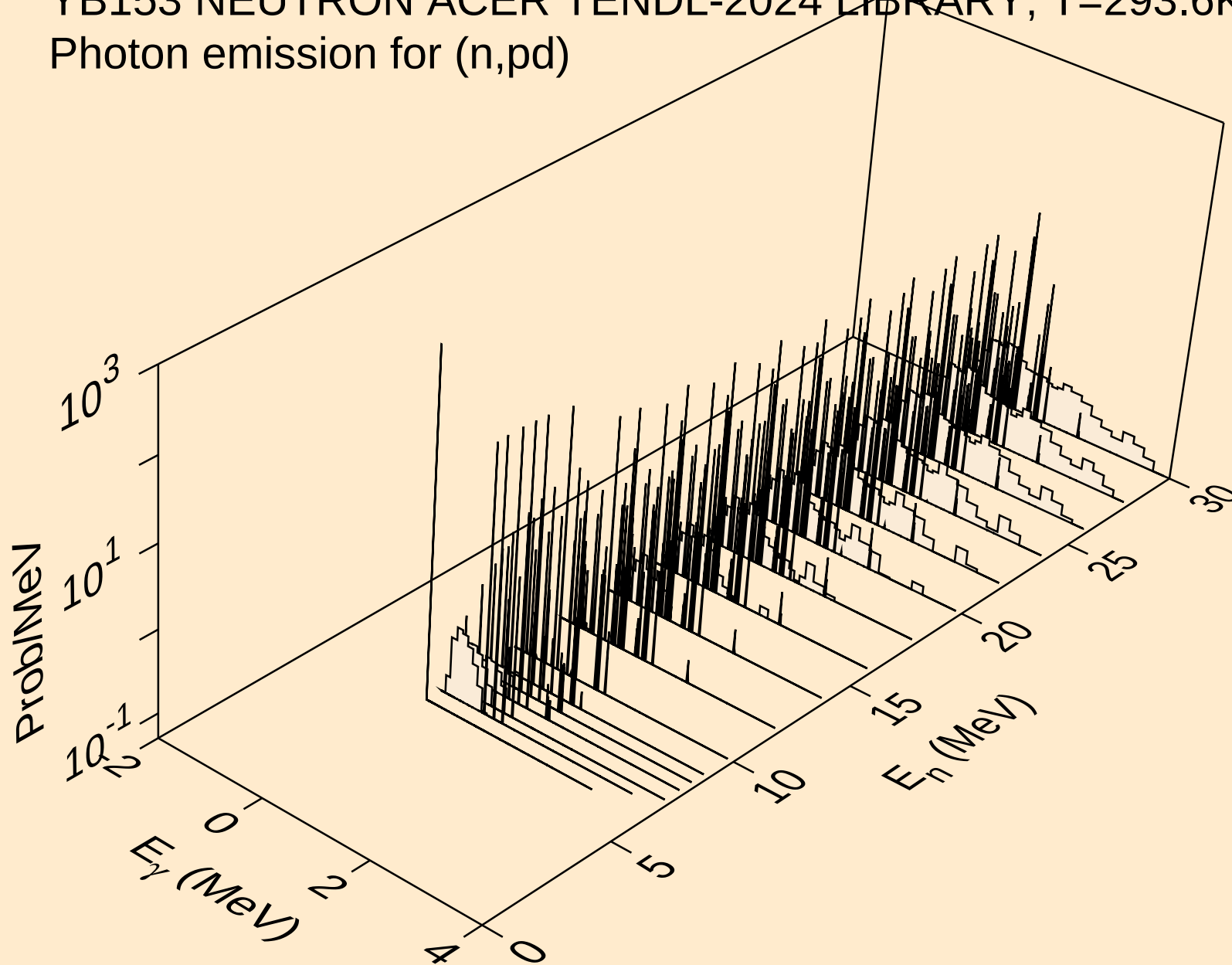
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



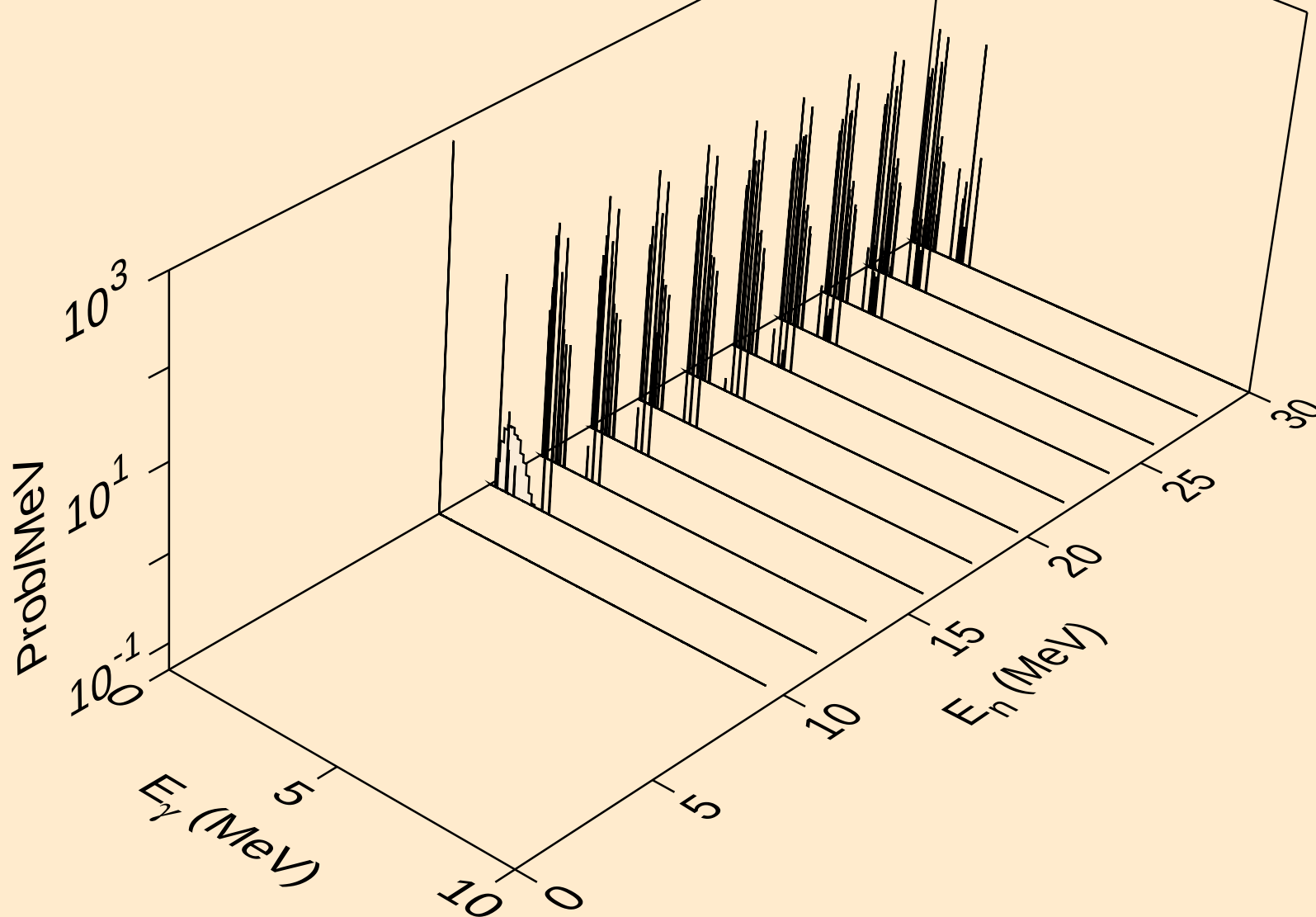
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



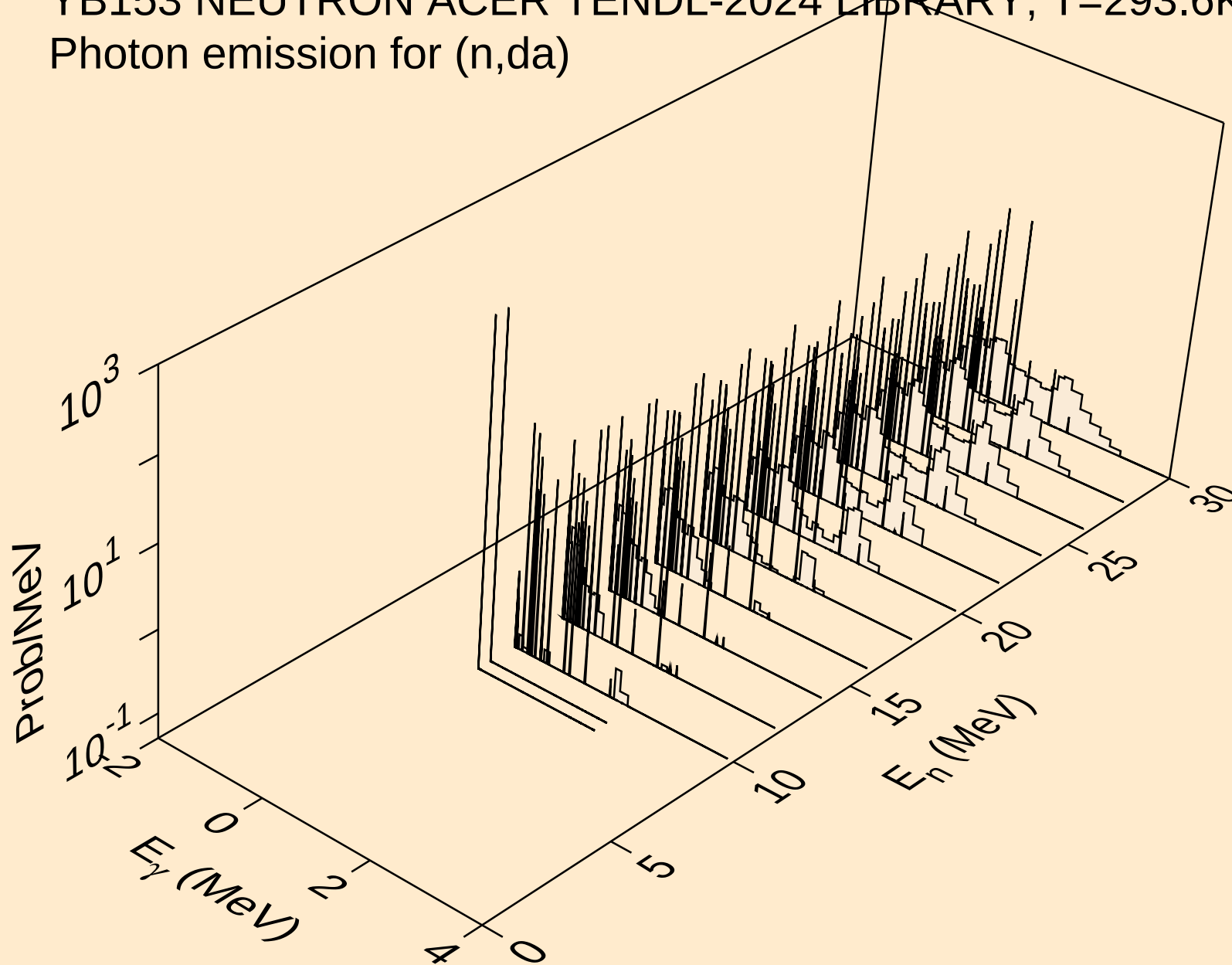
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



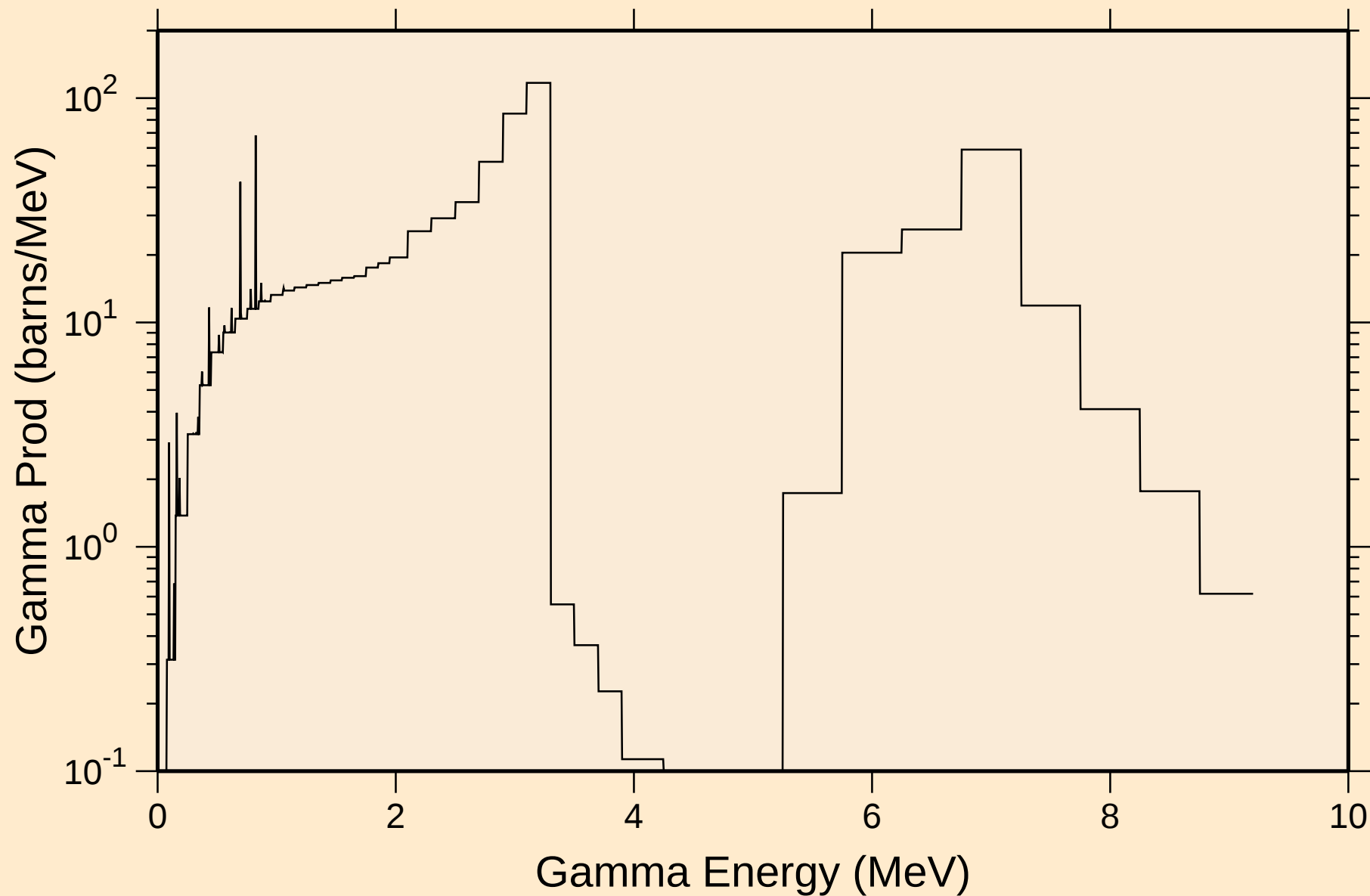
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



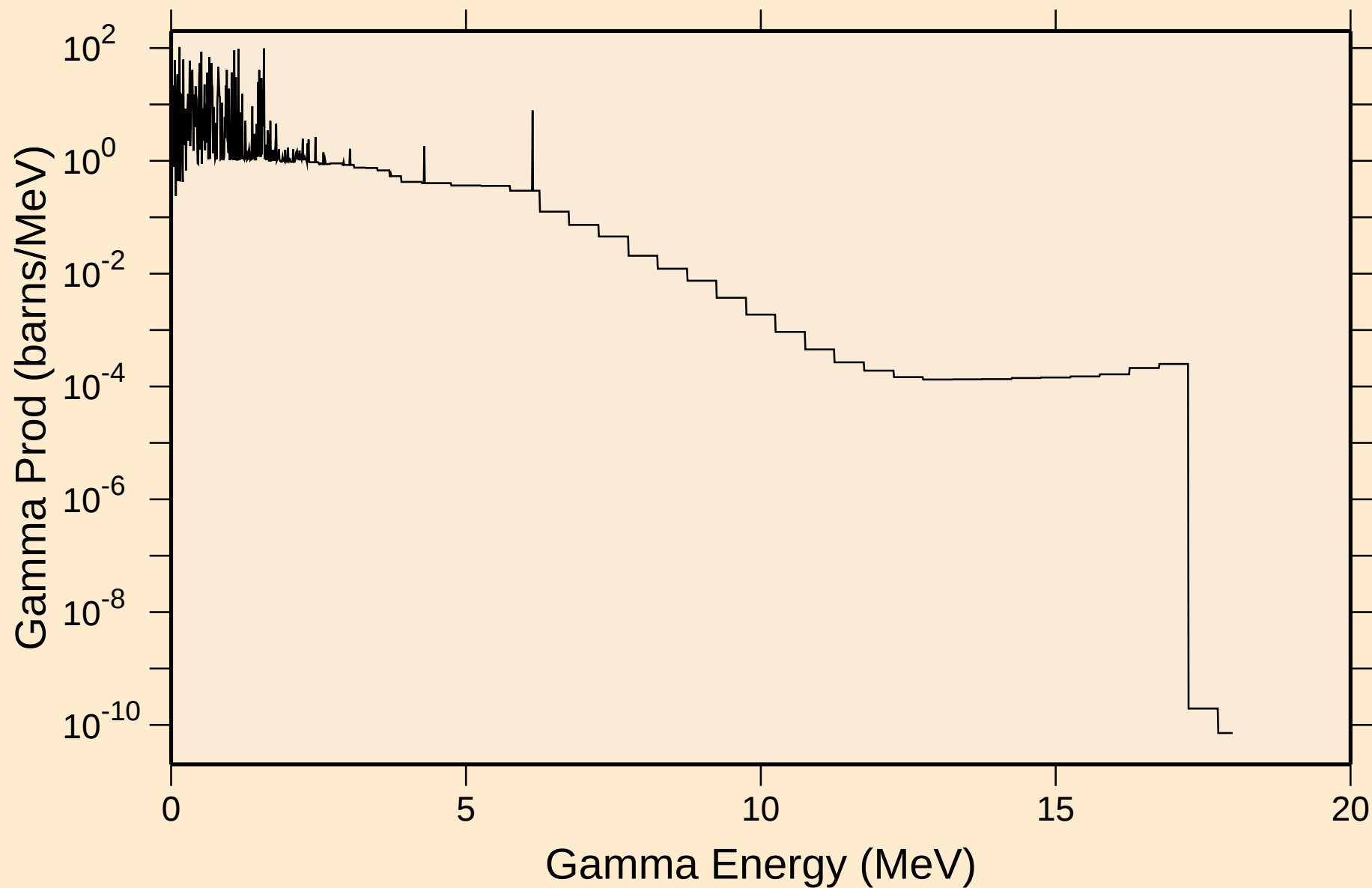
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



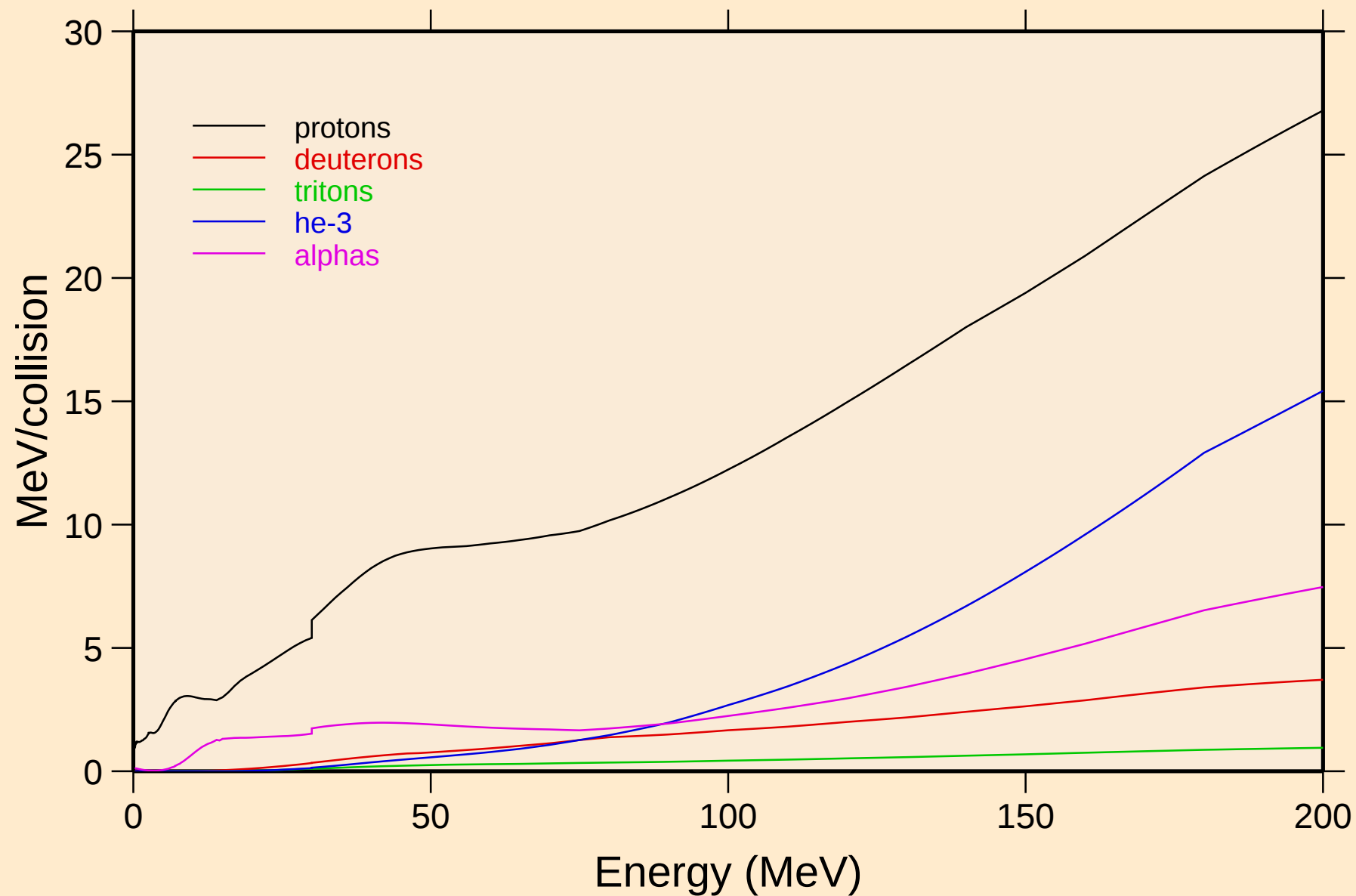
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



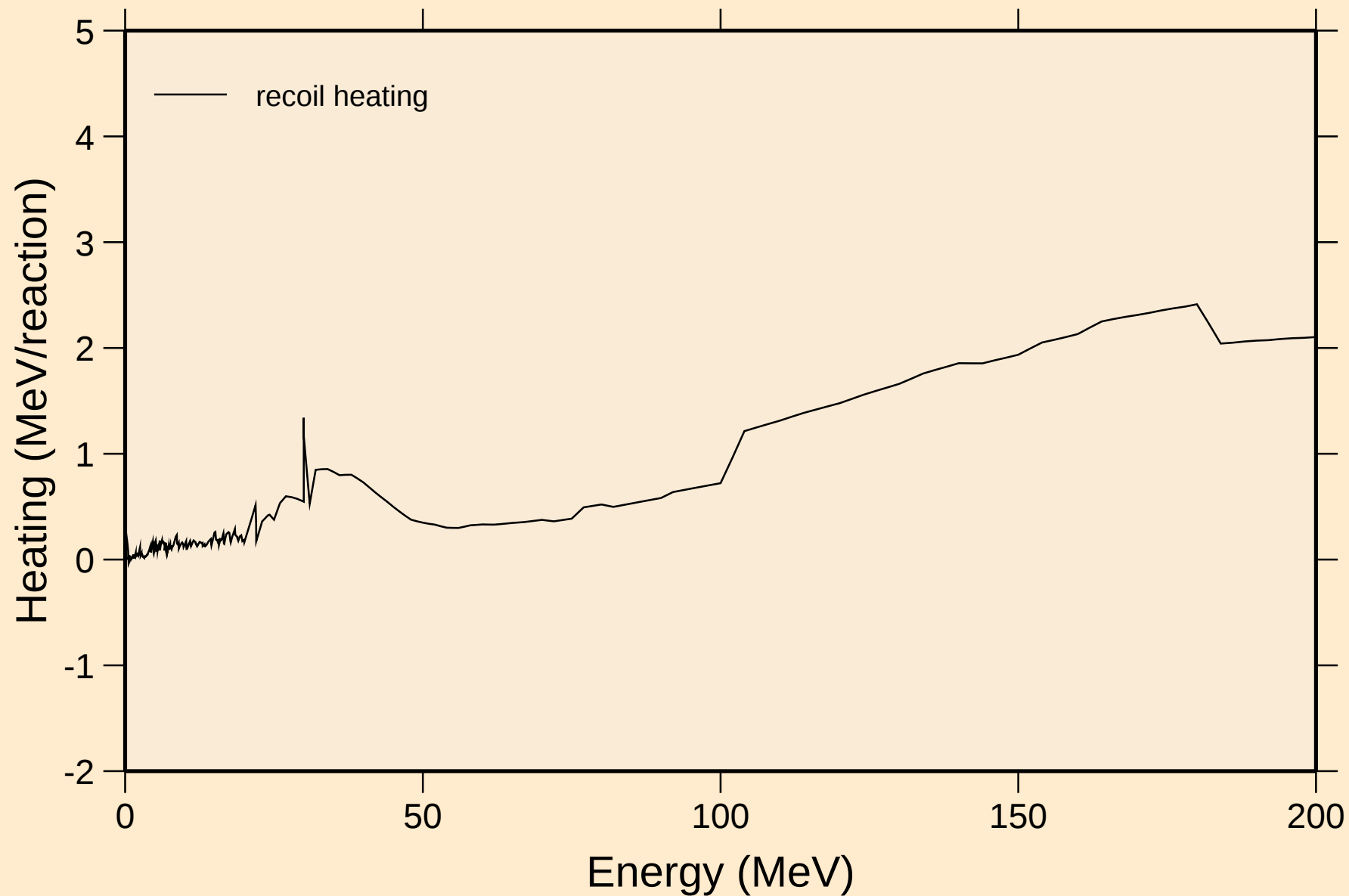
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions

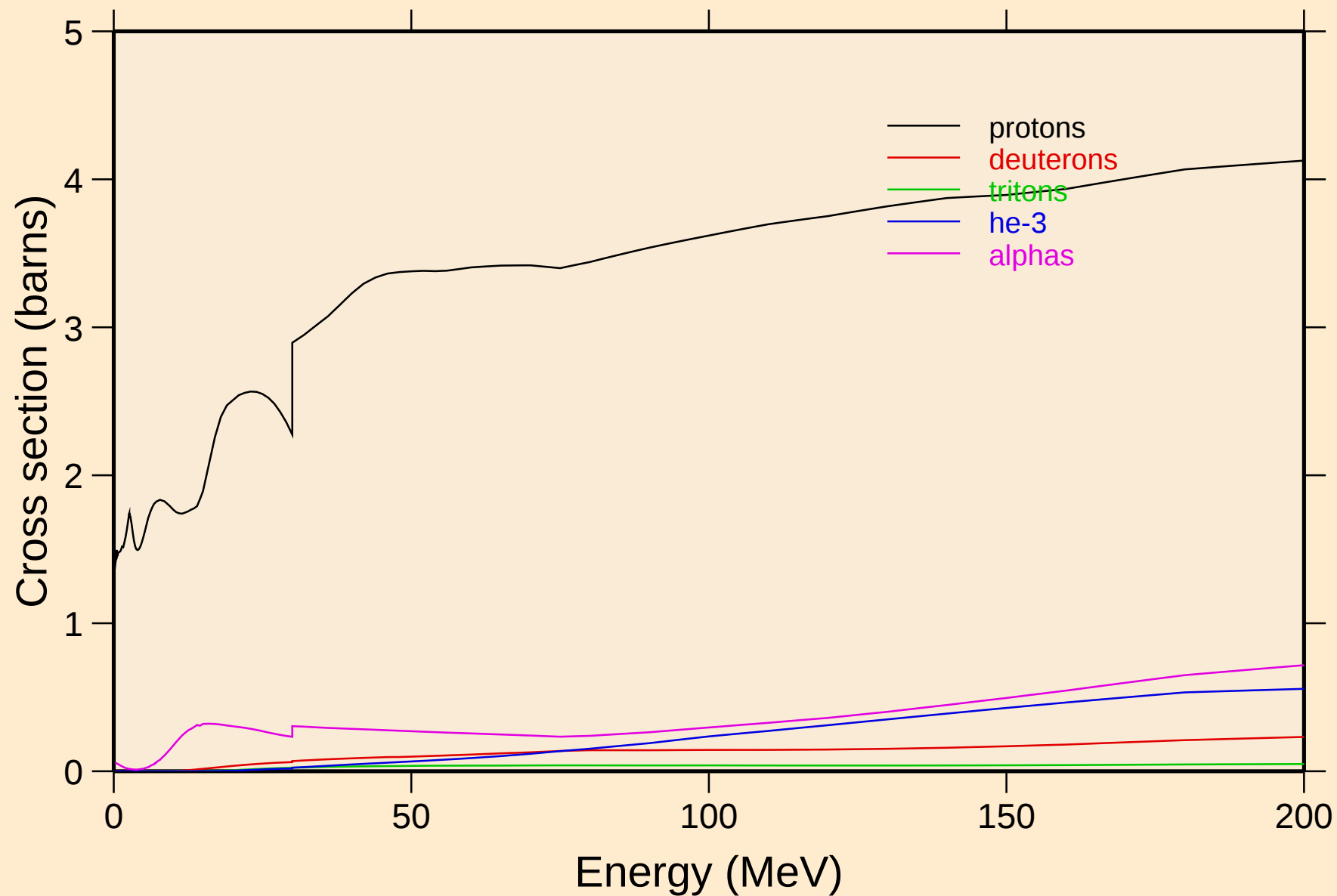


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating

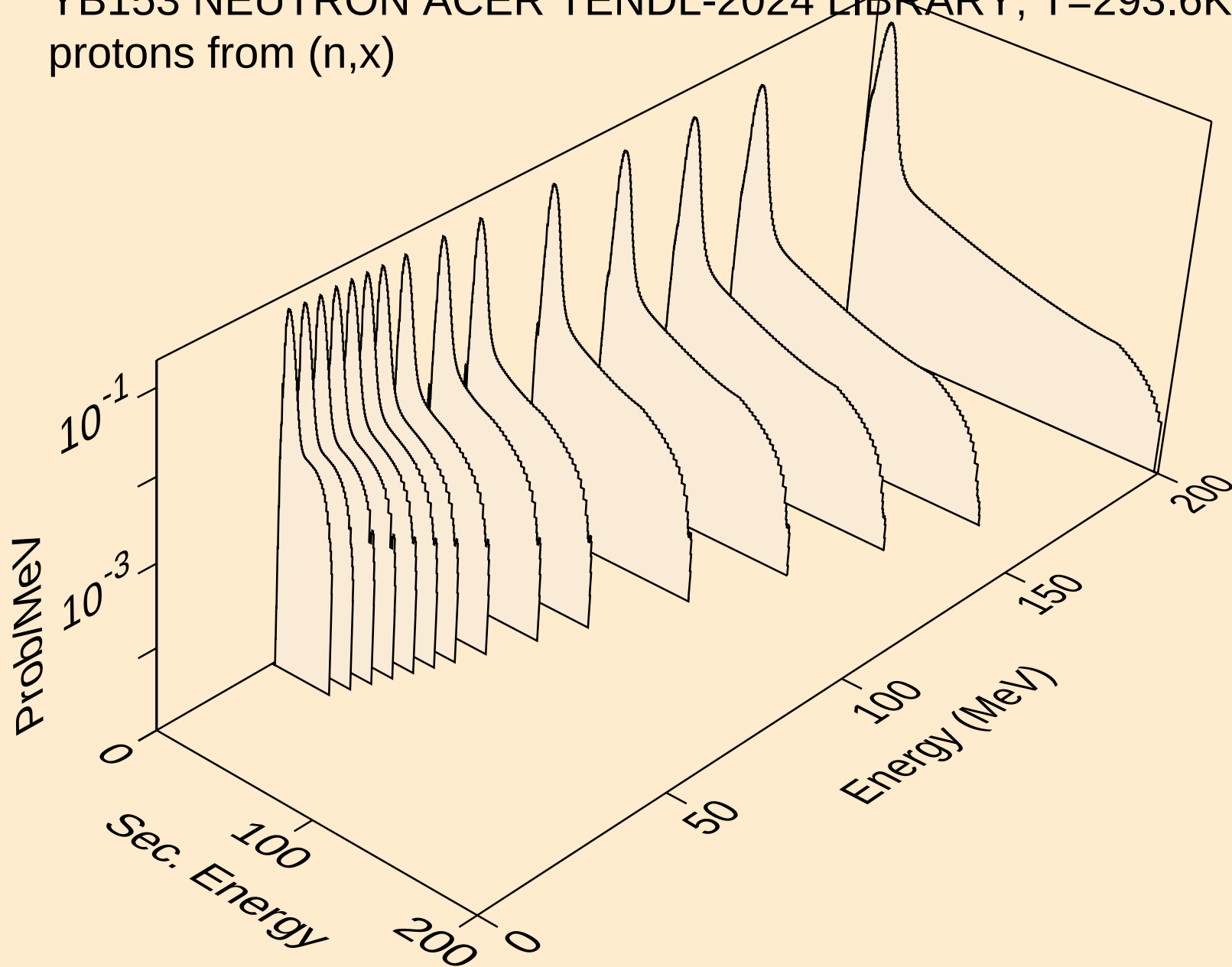


YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

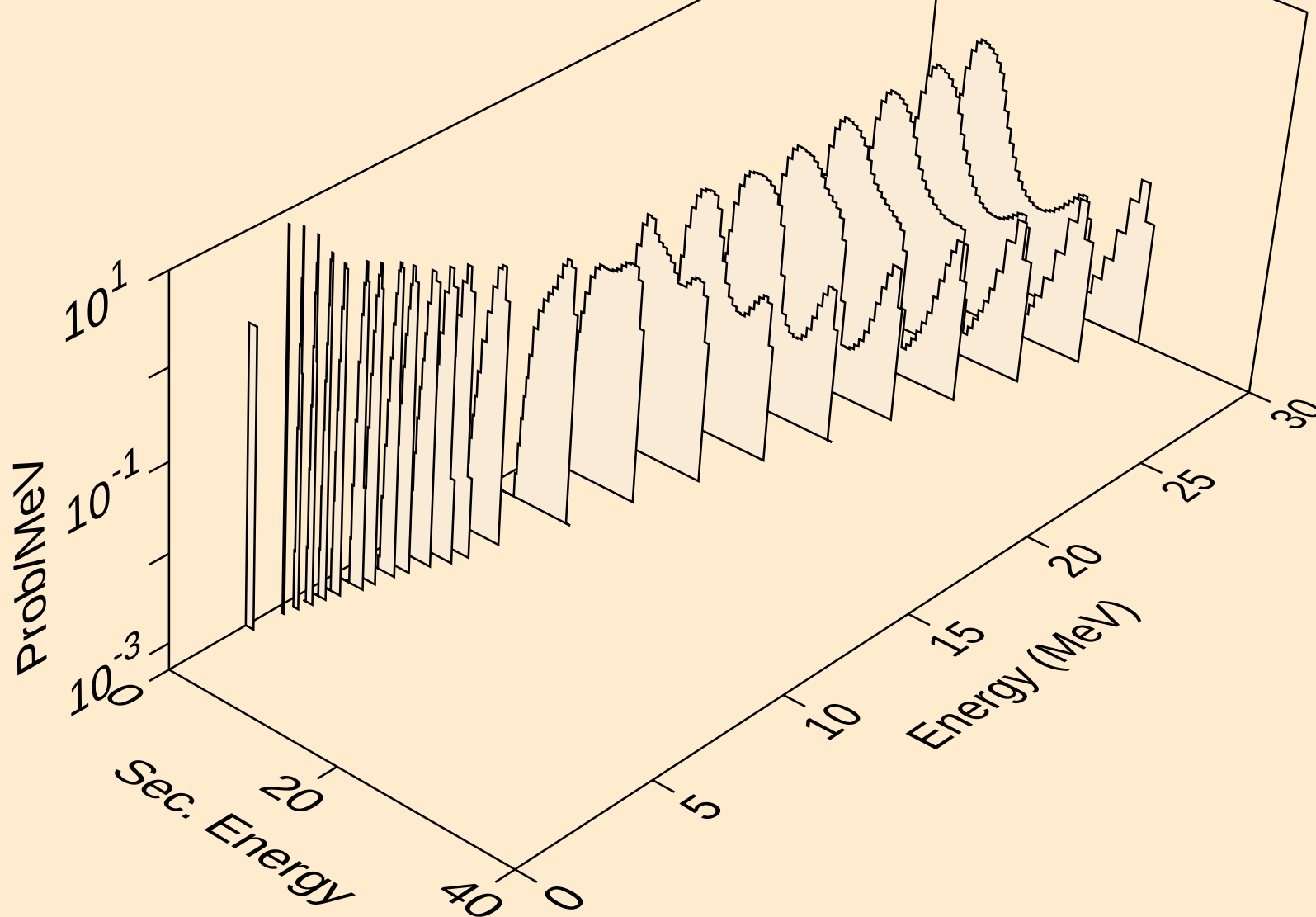
Particle production cross sections



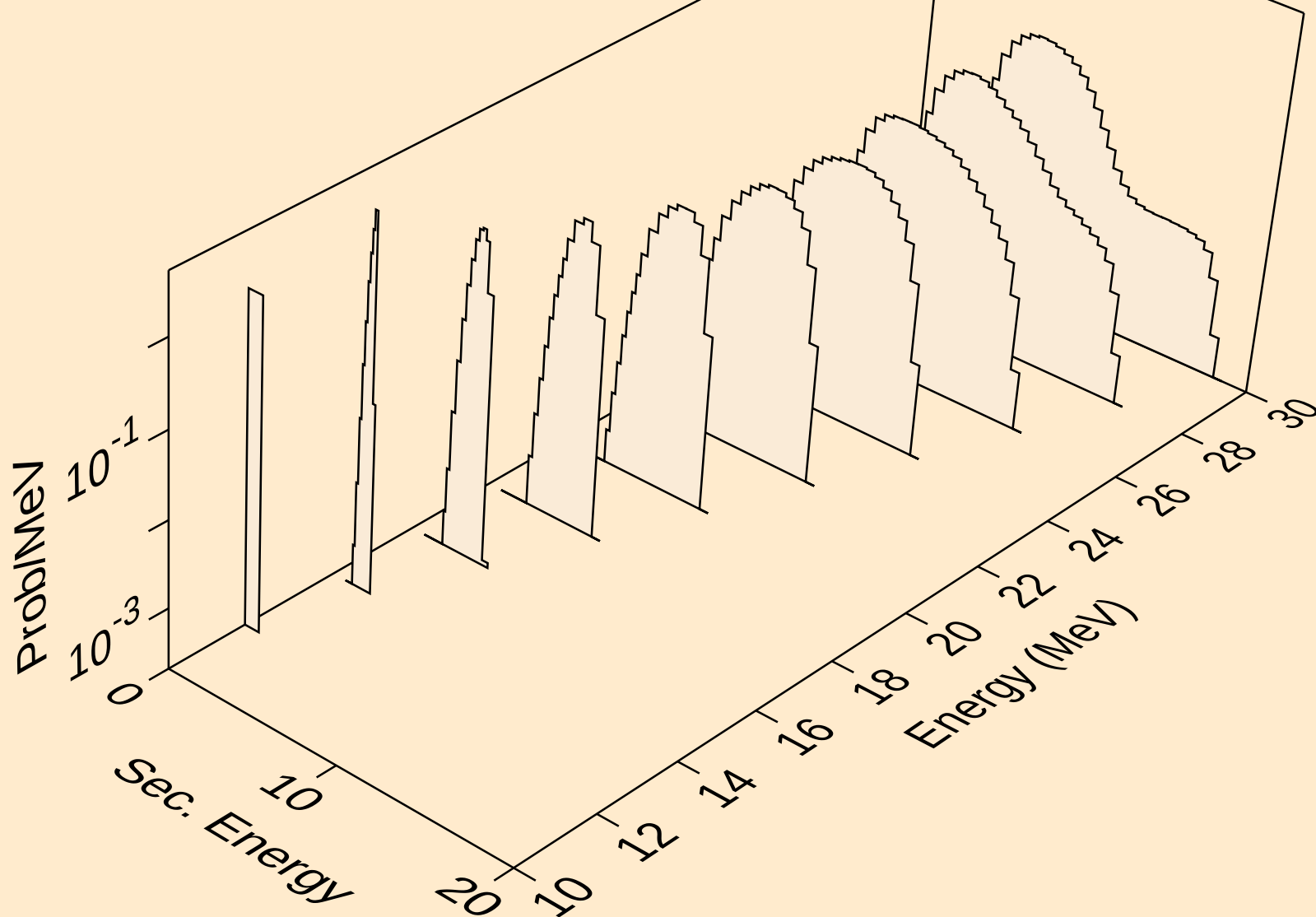
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



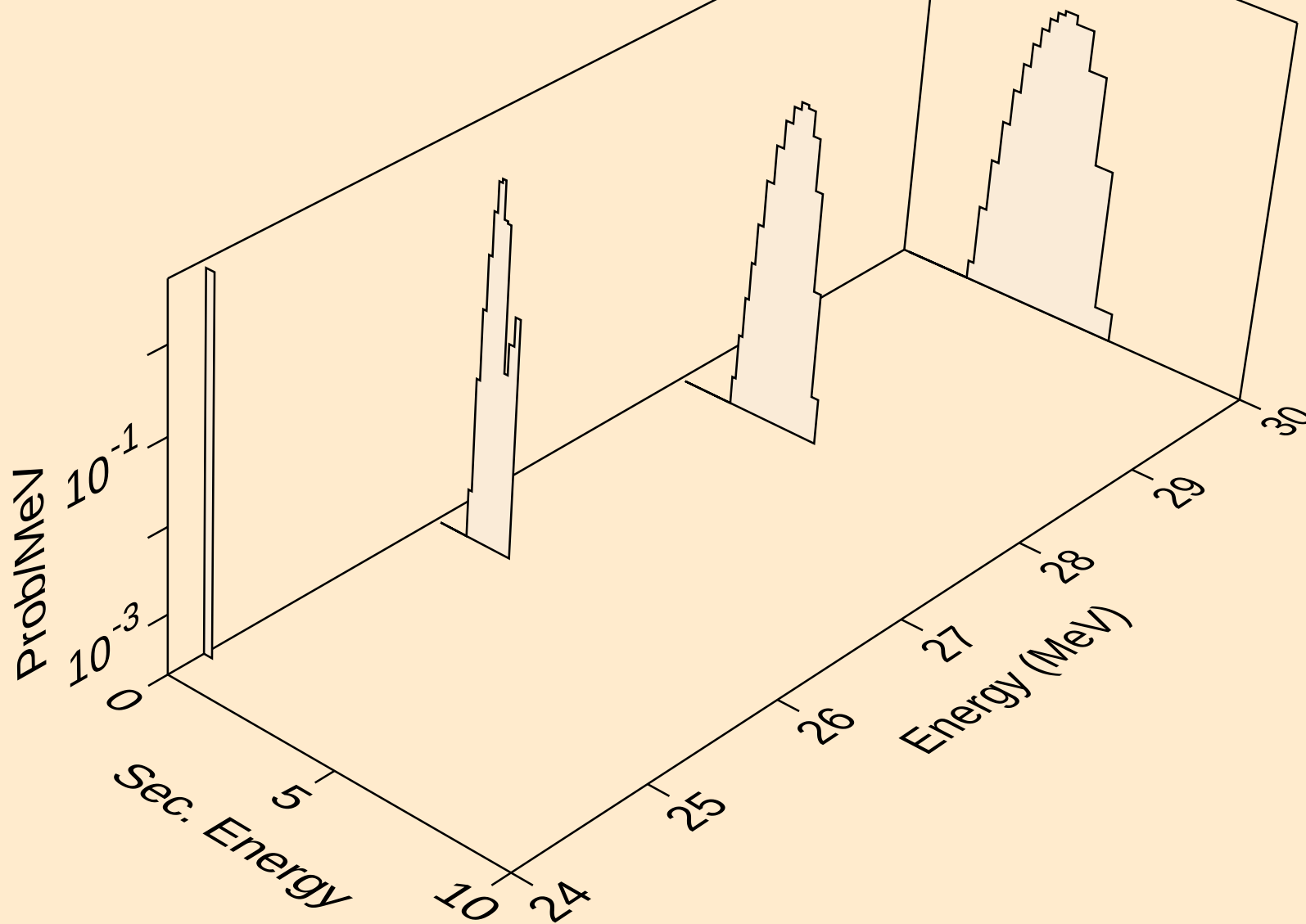
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



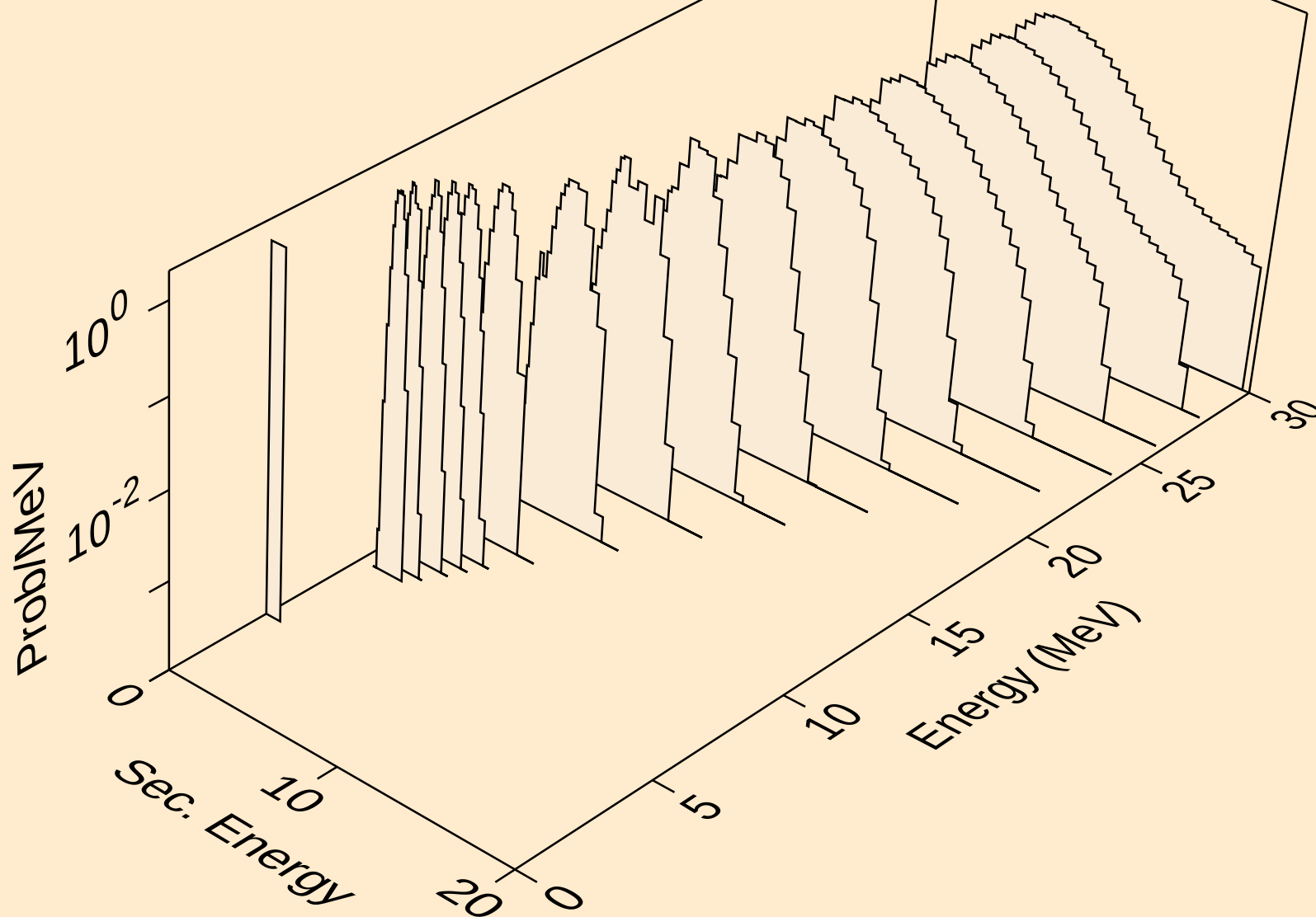
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2np)



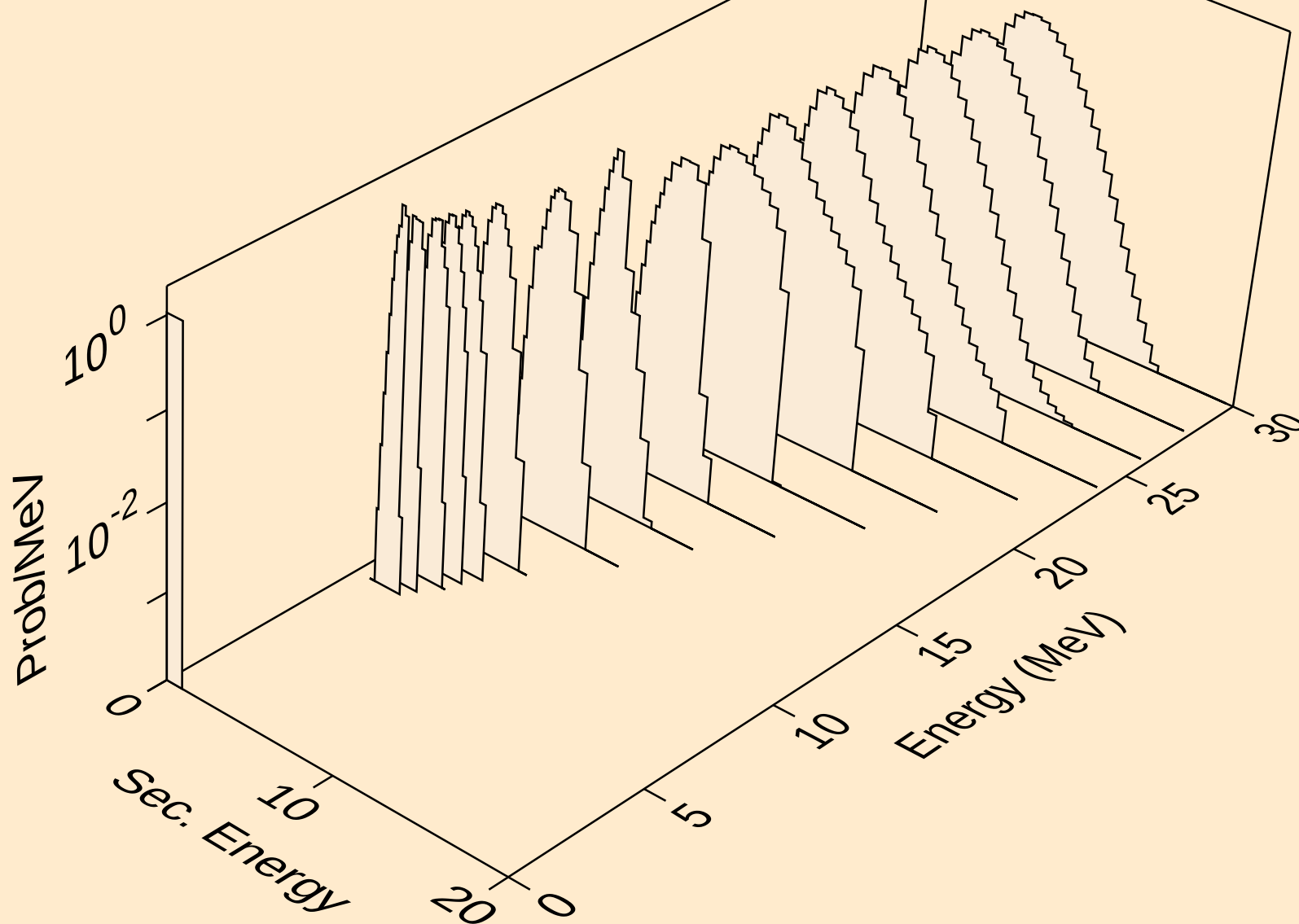
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,3np)



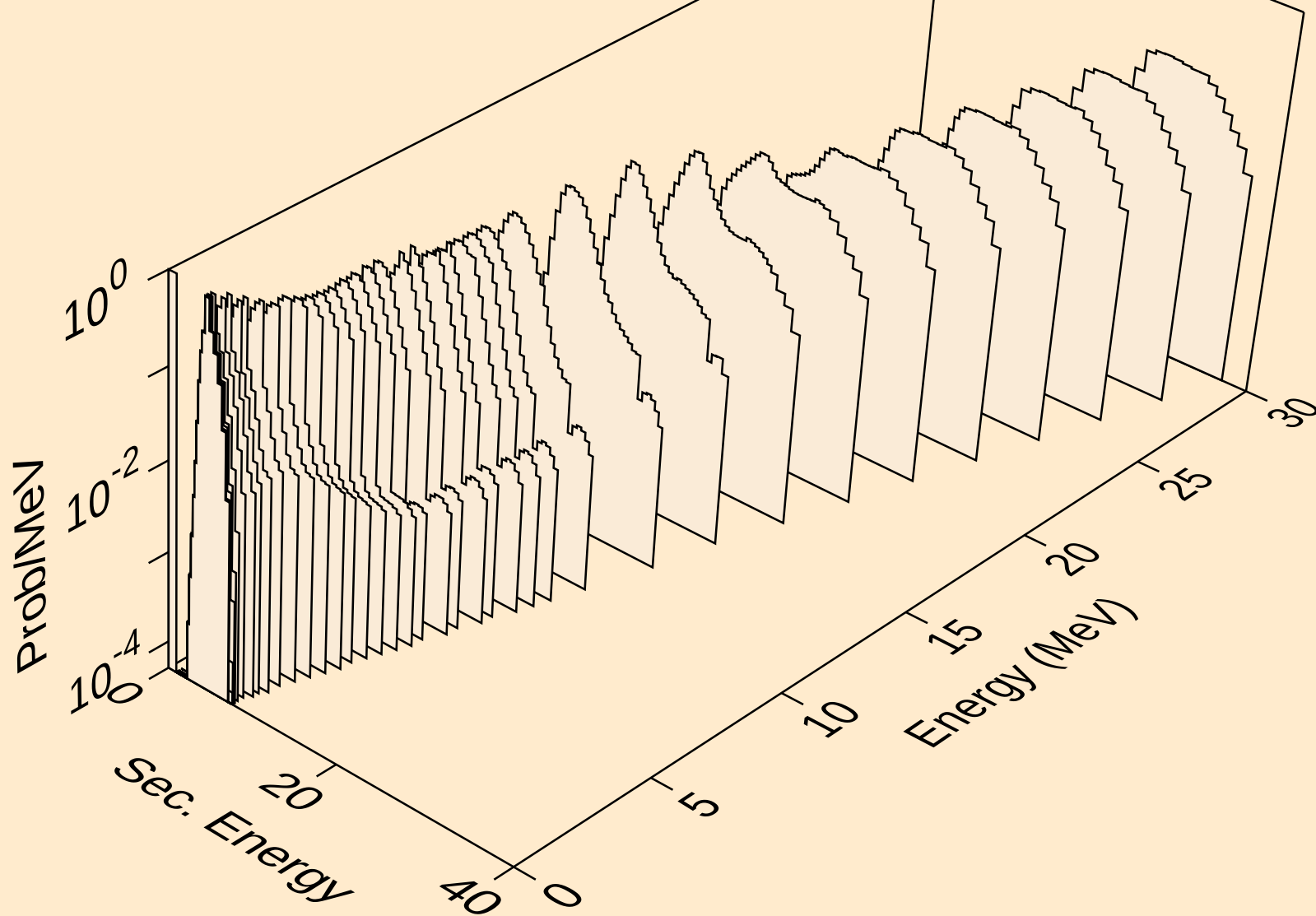
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n2p)



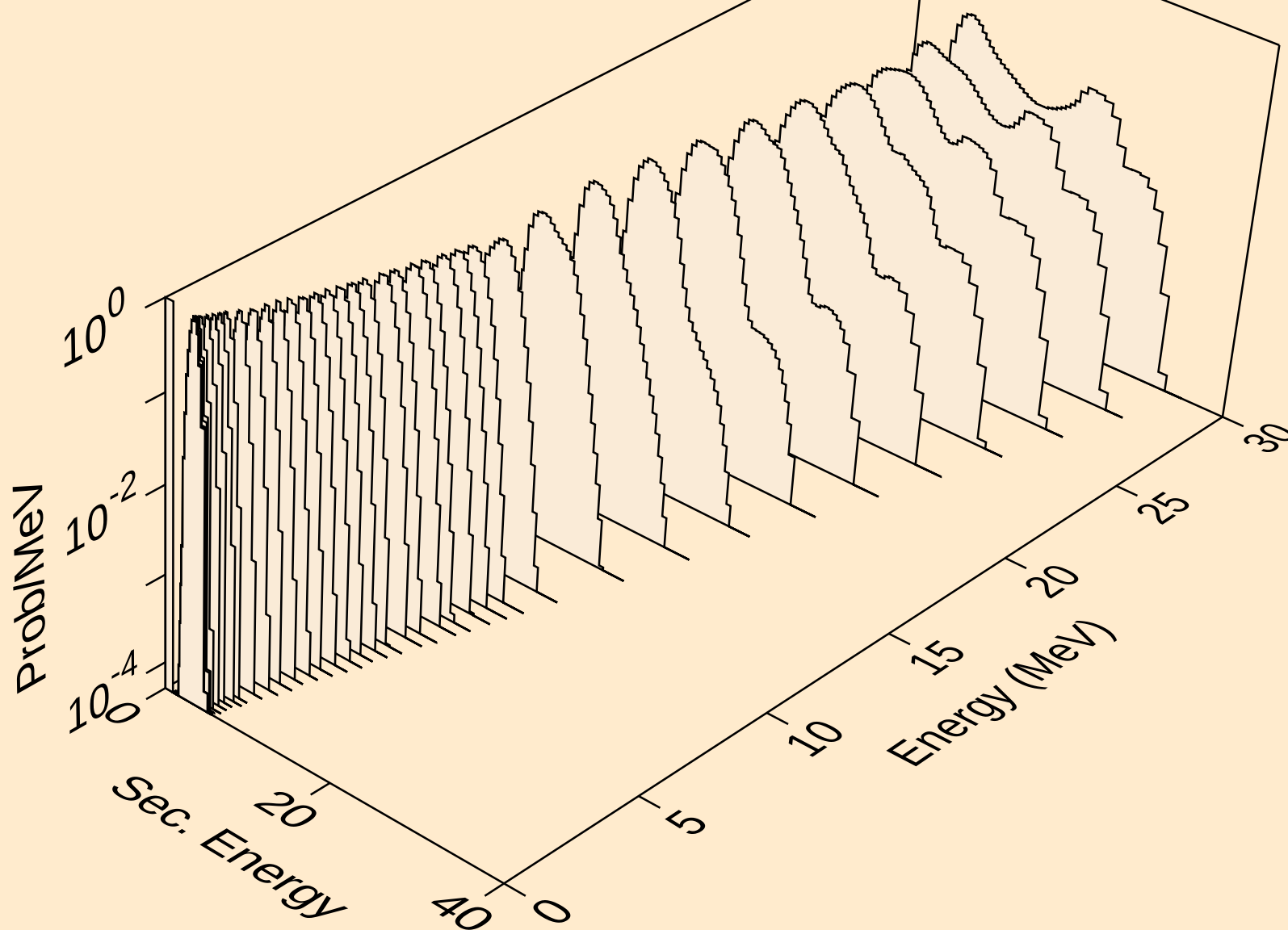
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,npa)



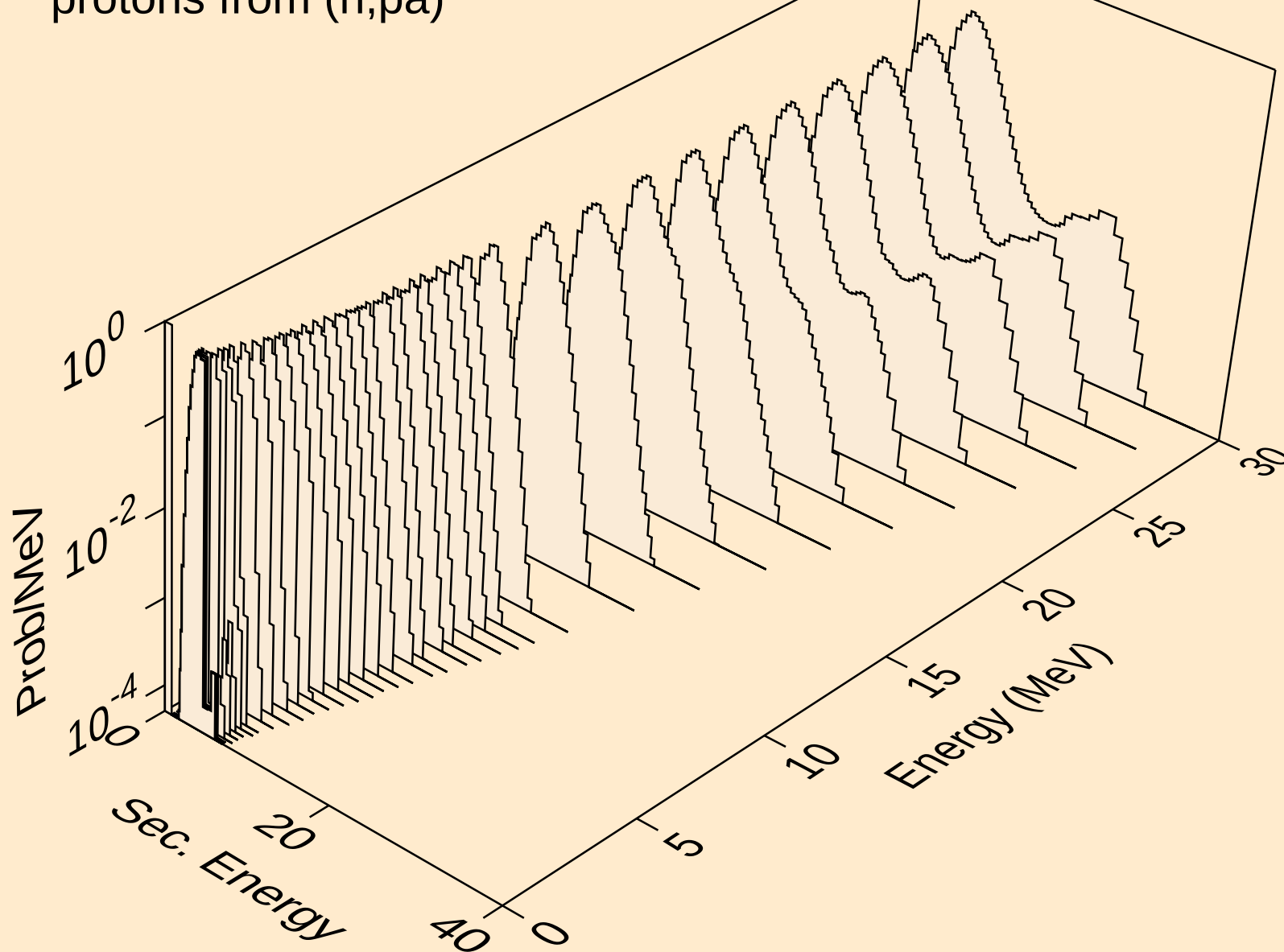
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



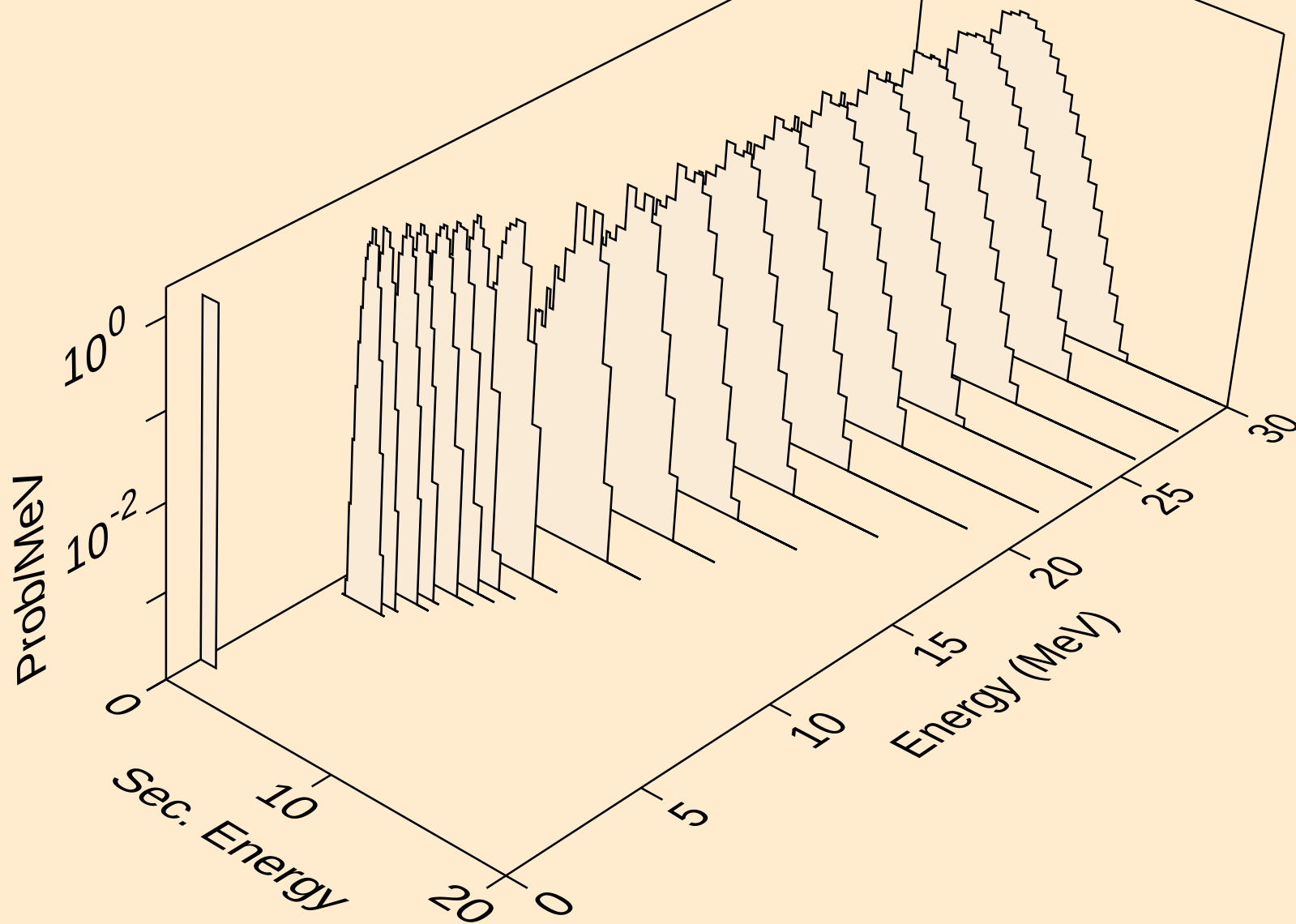
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2p)



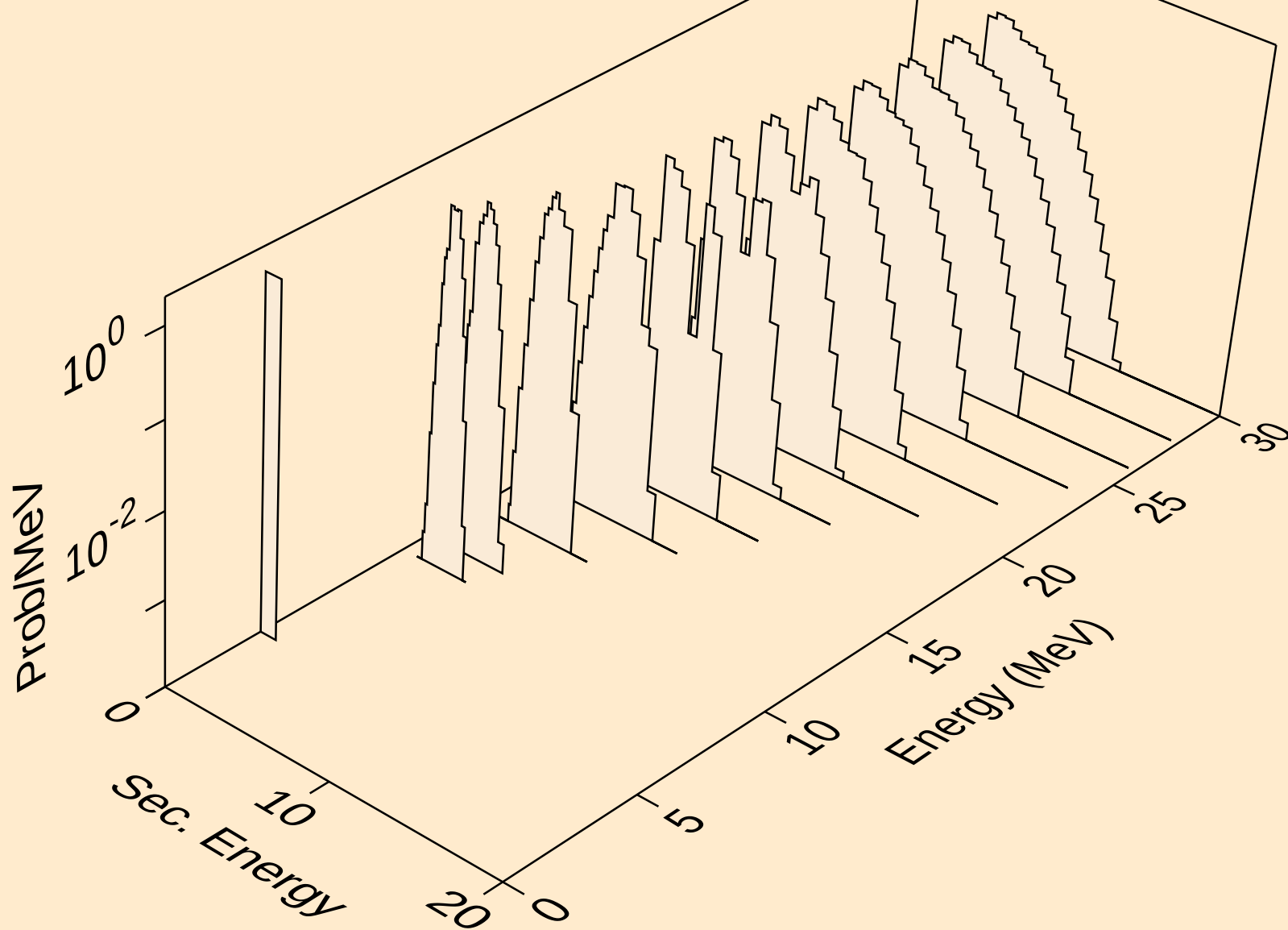
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protons from (n,p)



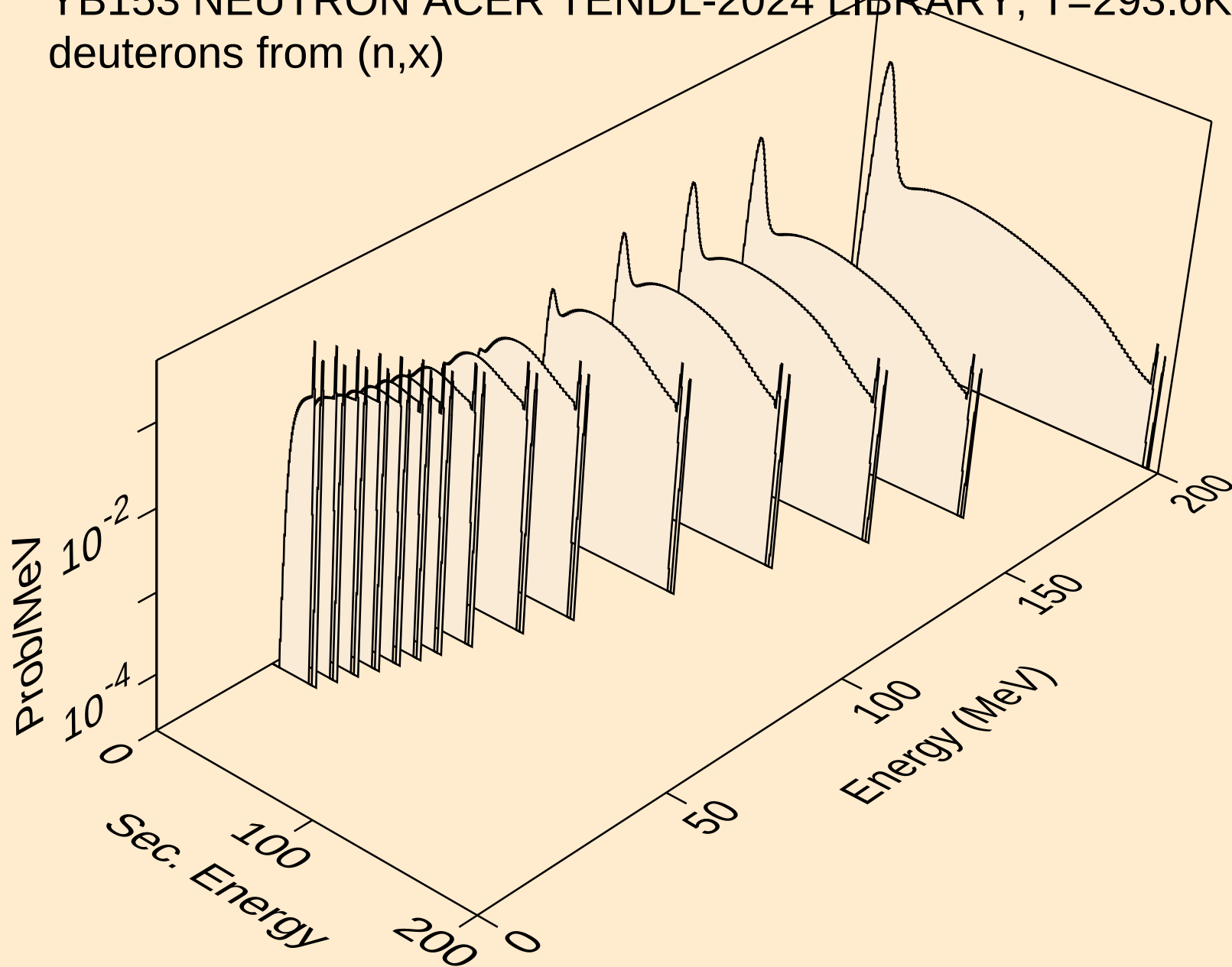
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pd)



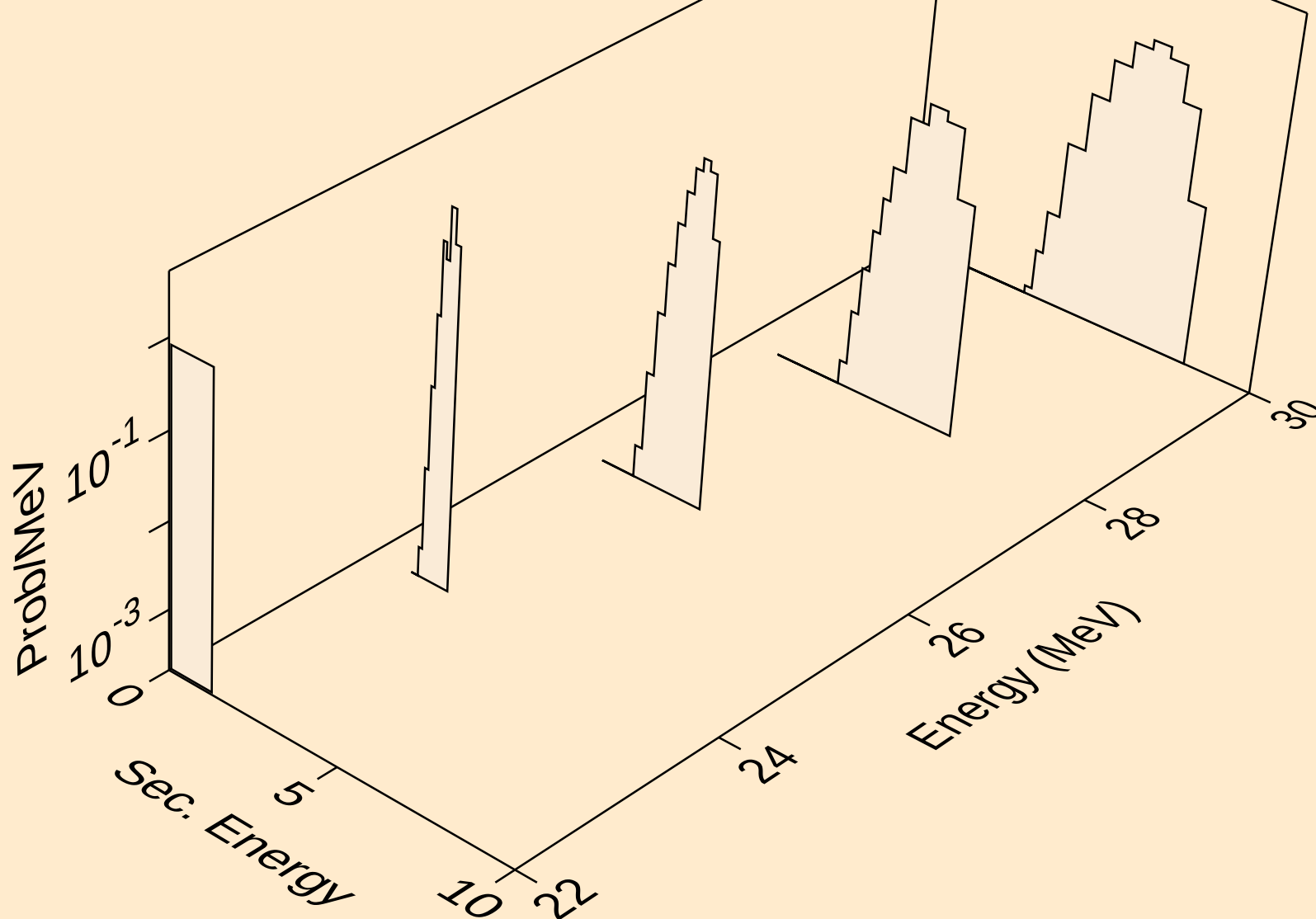
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protons from (n,pt)



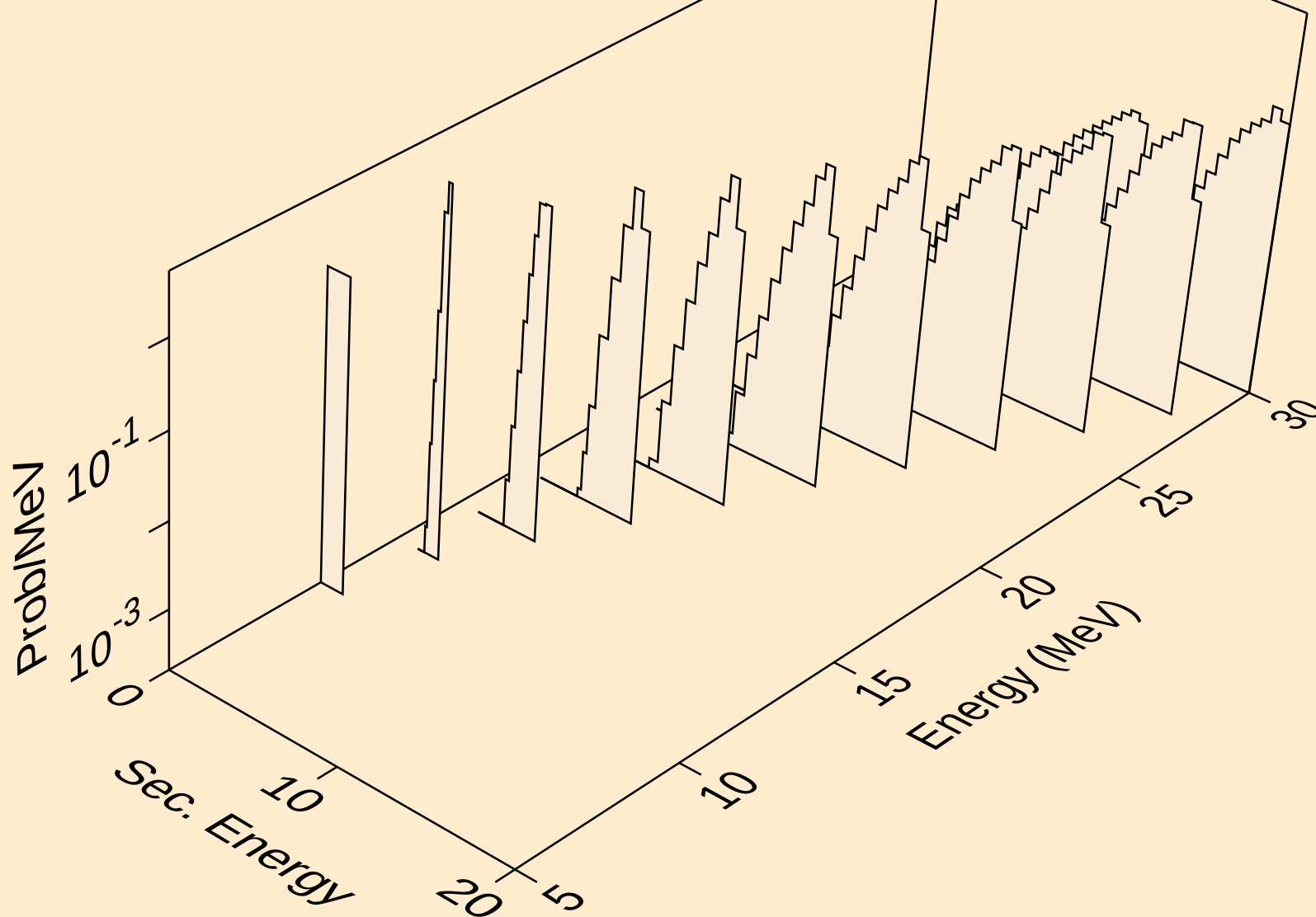
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



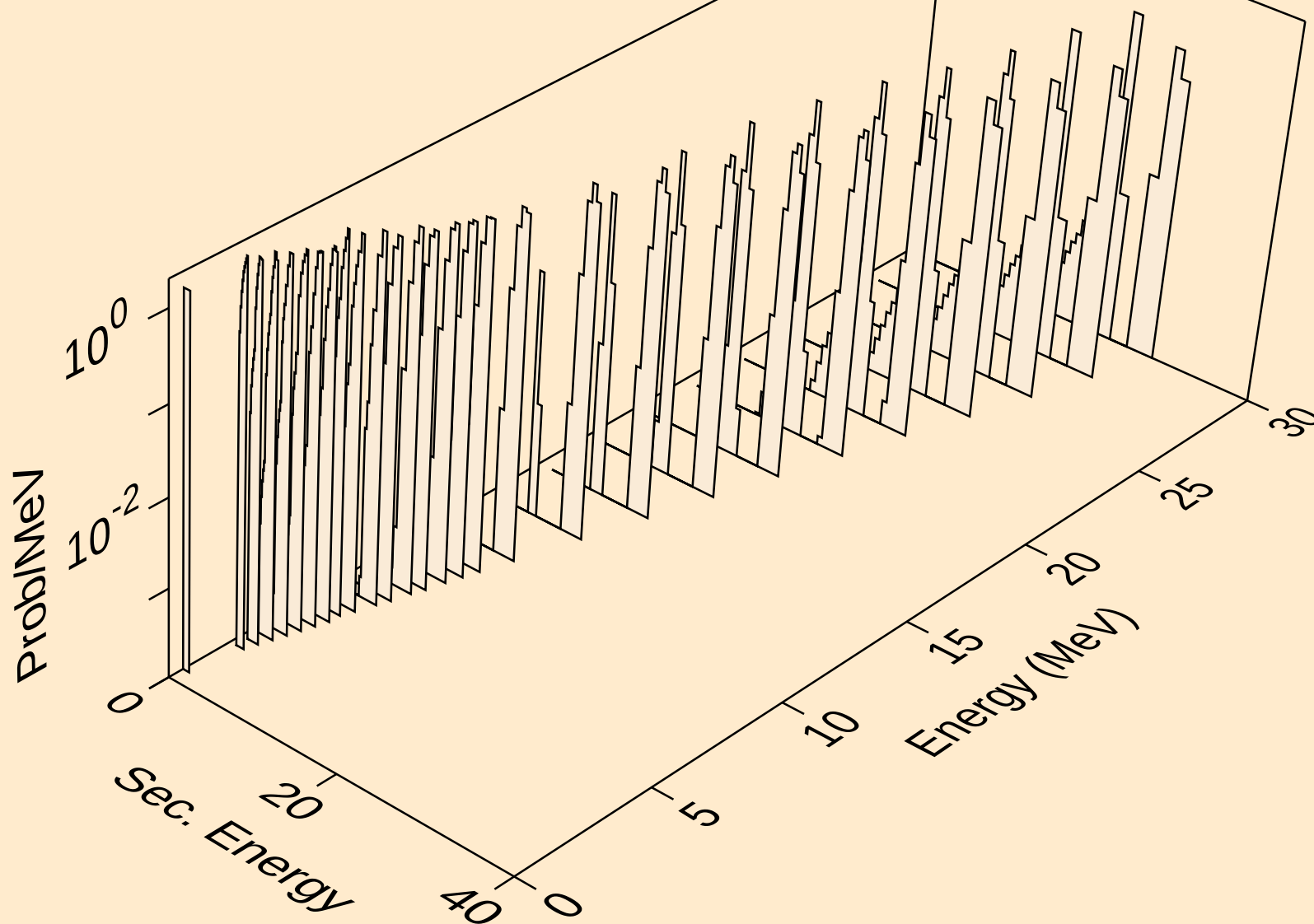
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,2nd)



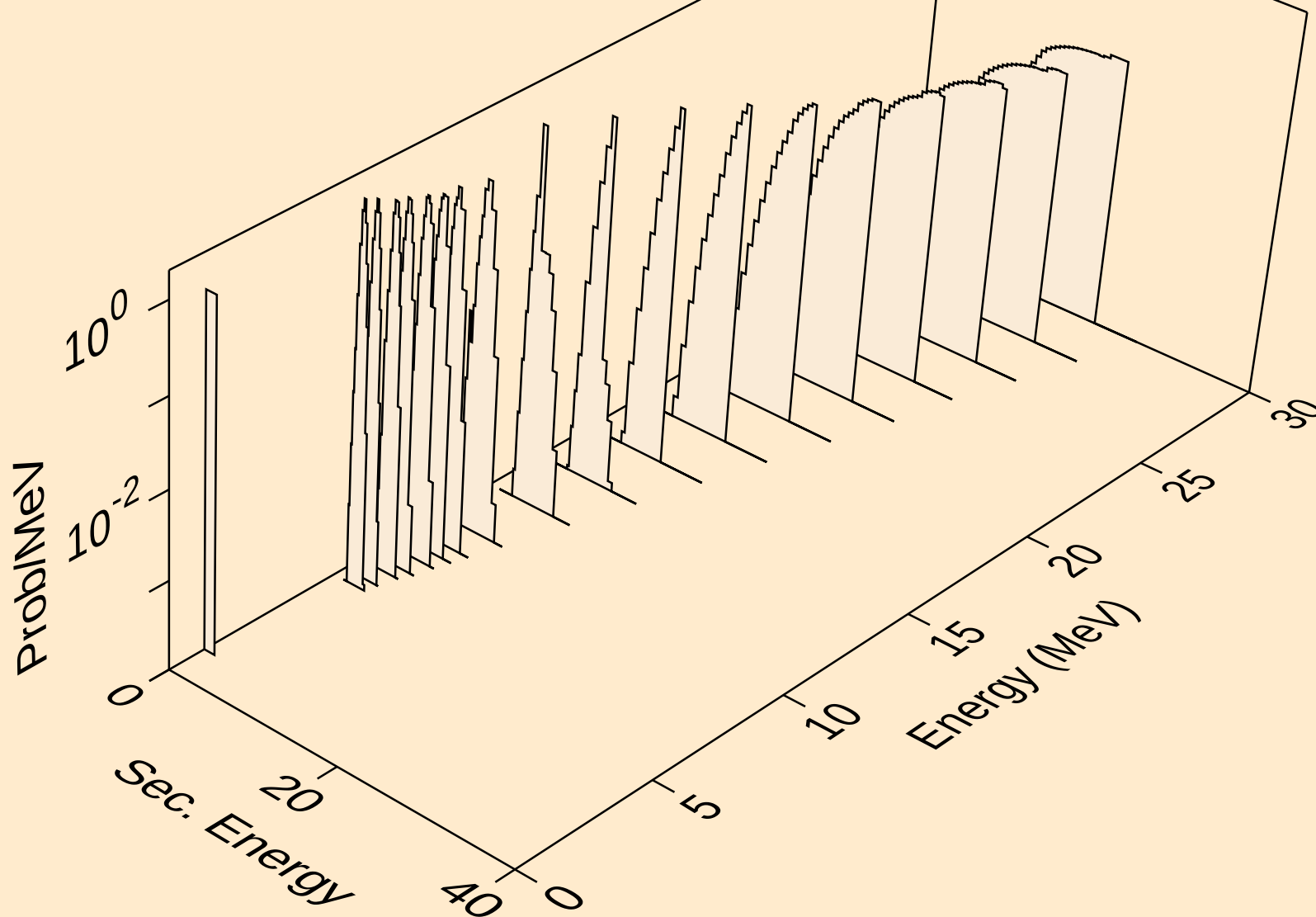
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



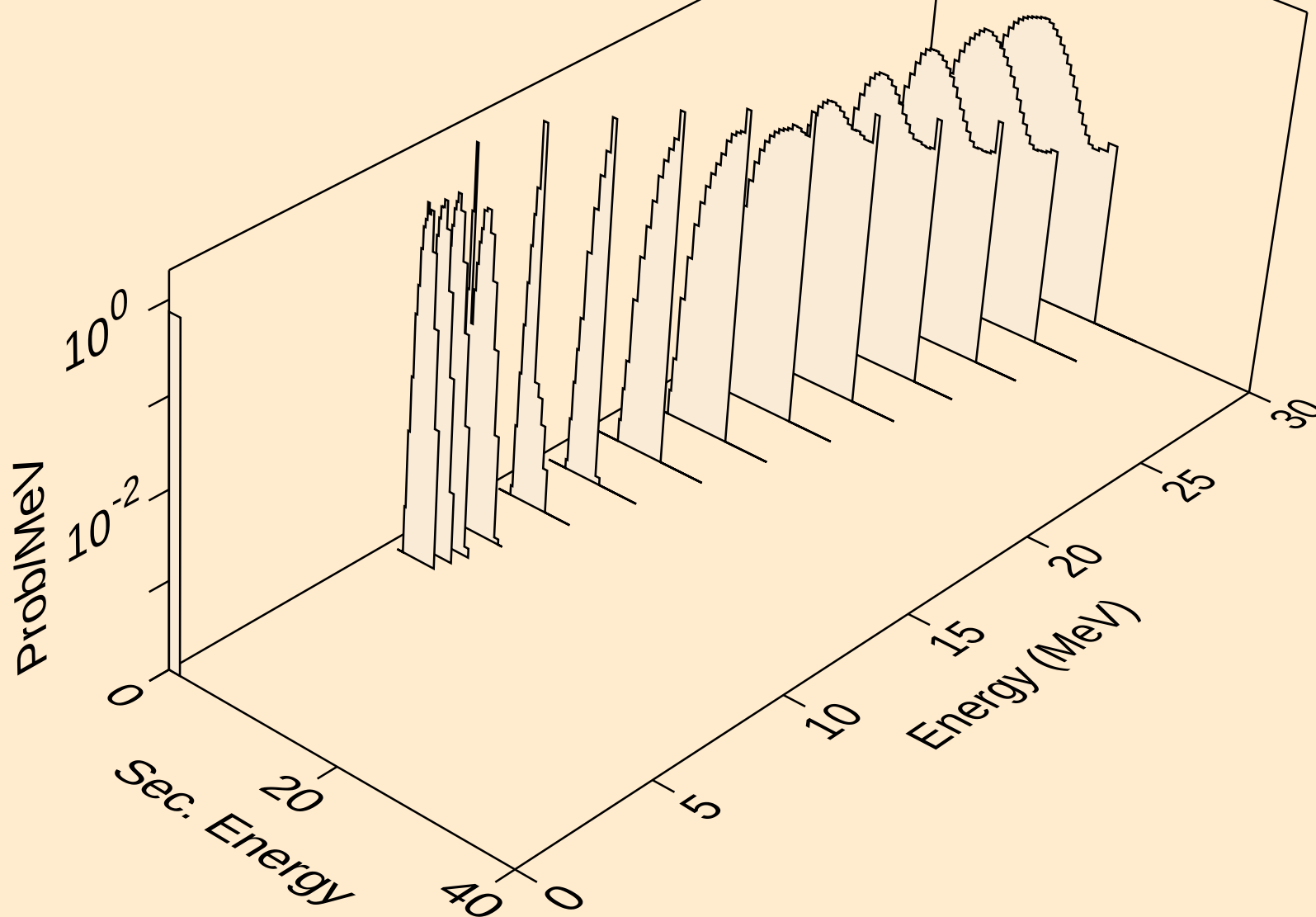
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,d)



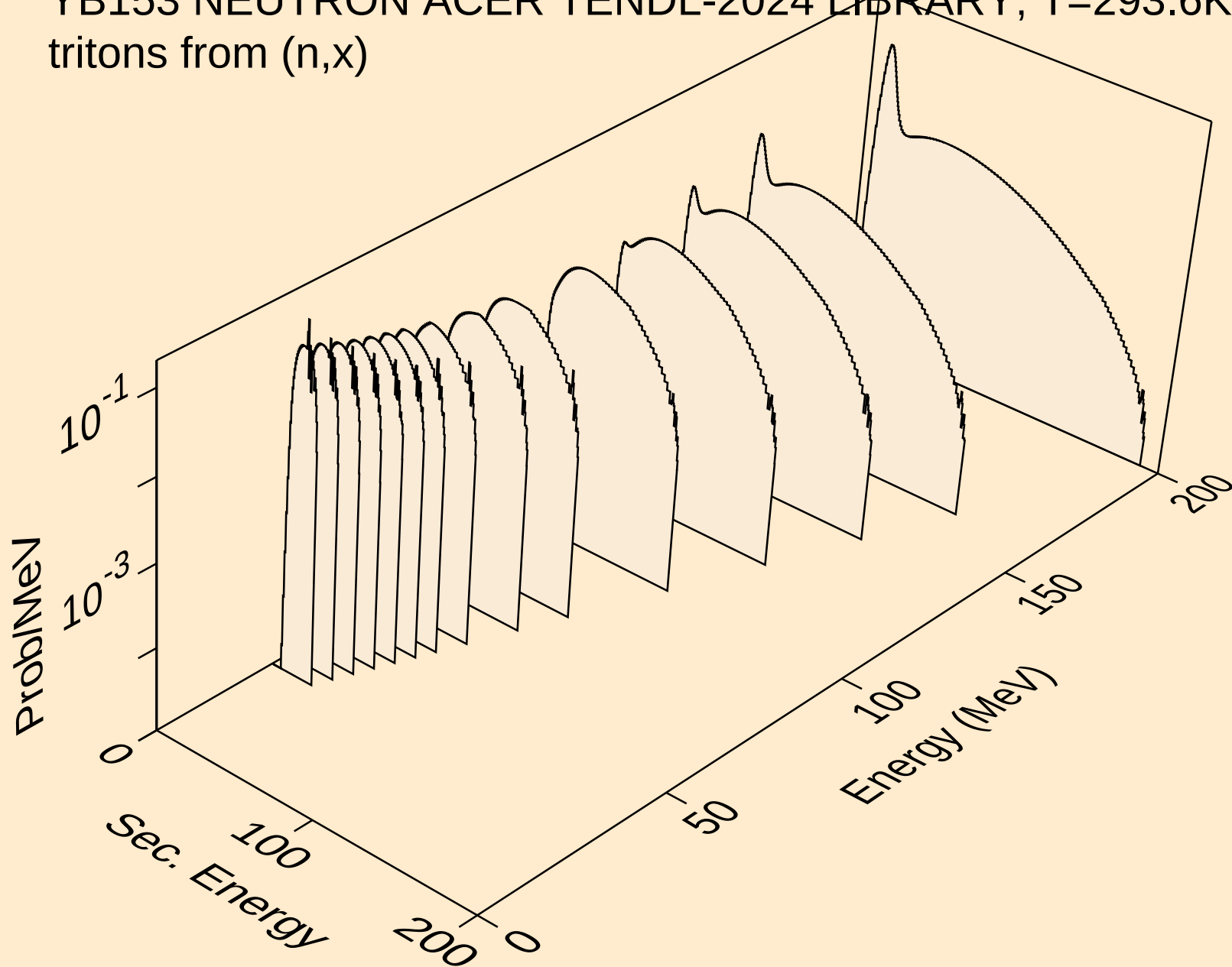
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,pd)



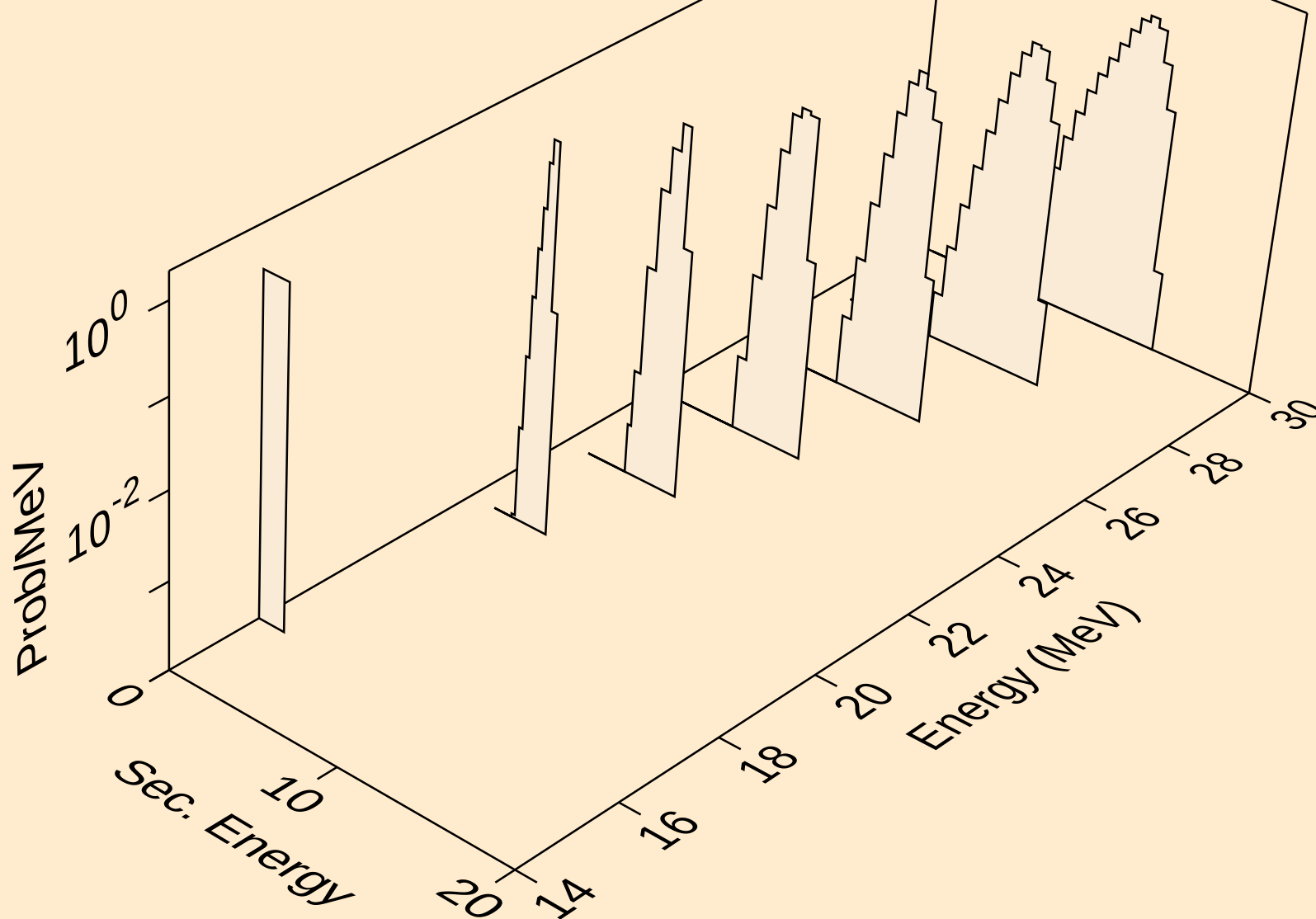
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,da)



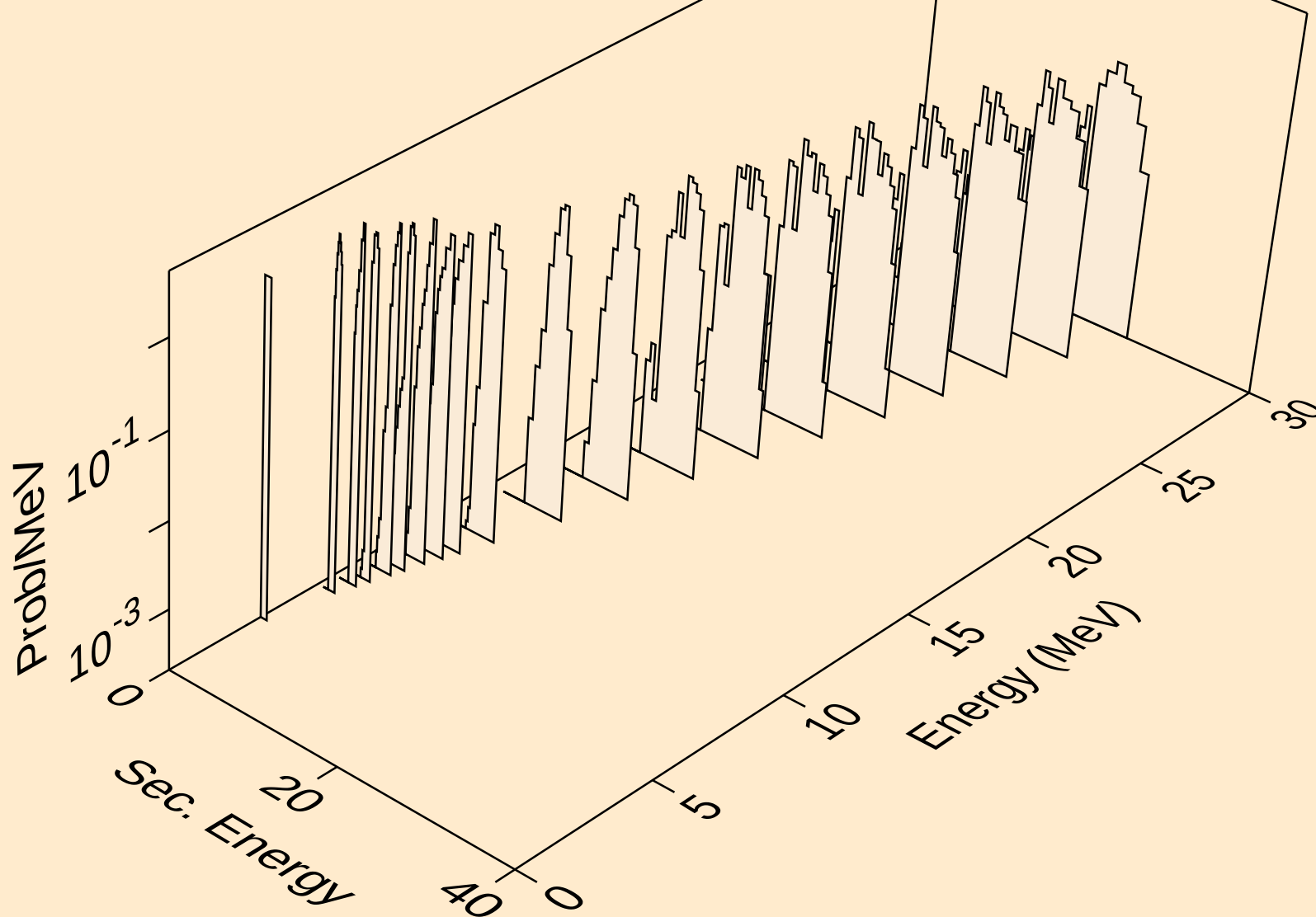
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



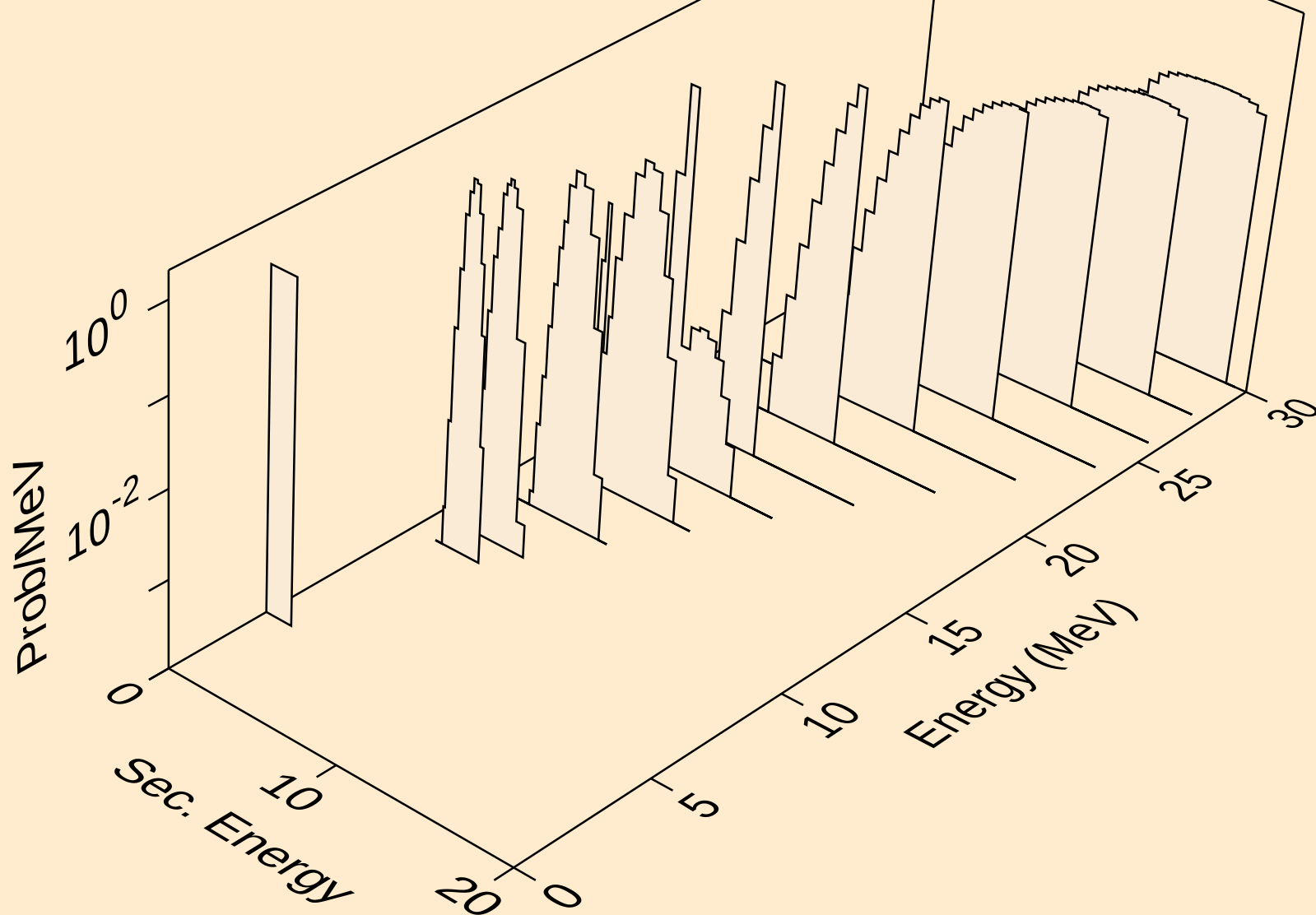
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



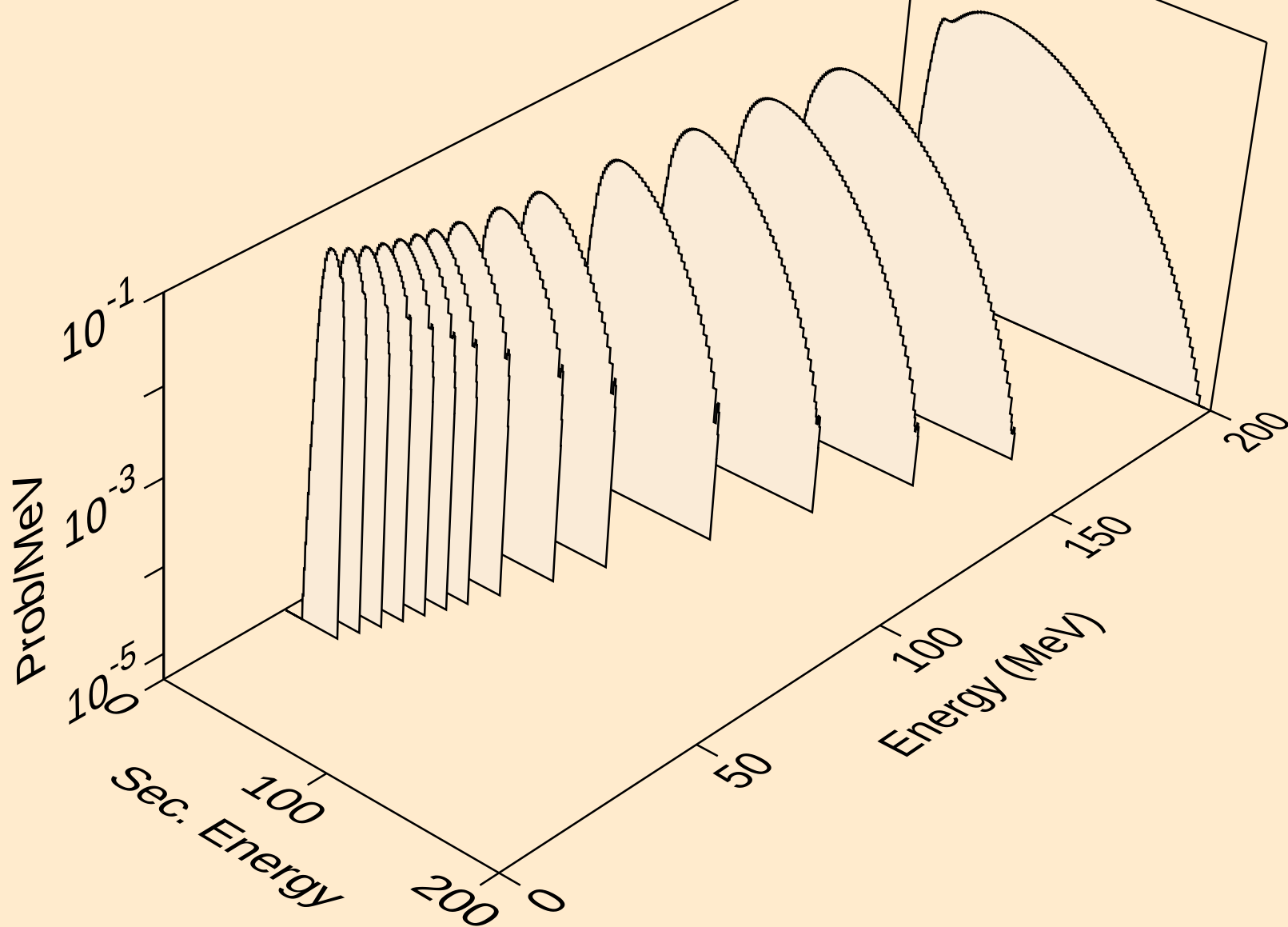
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,t)



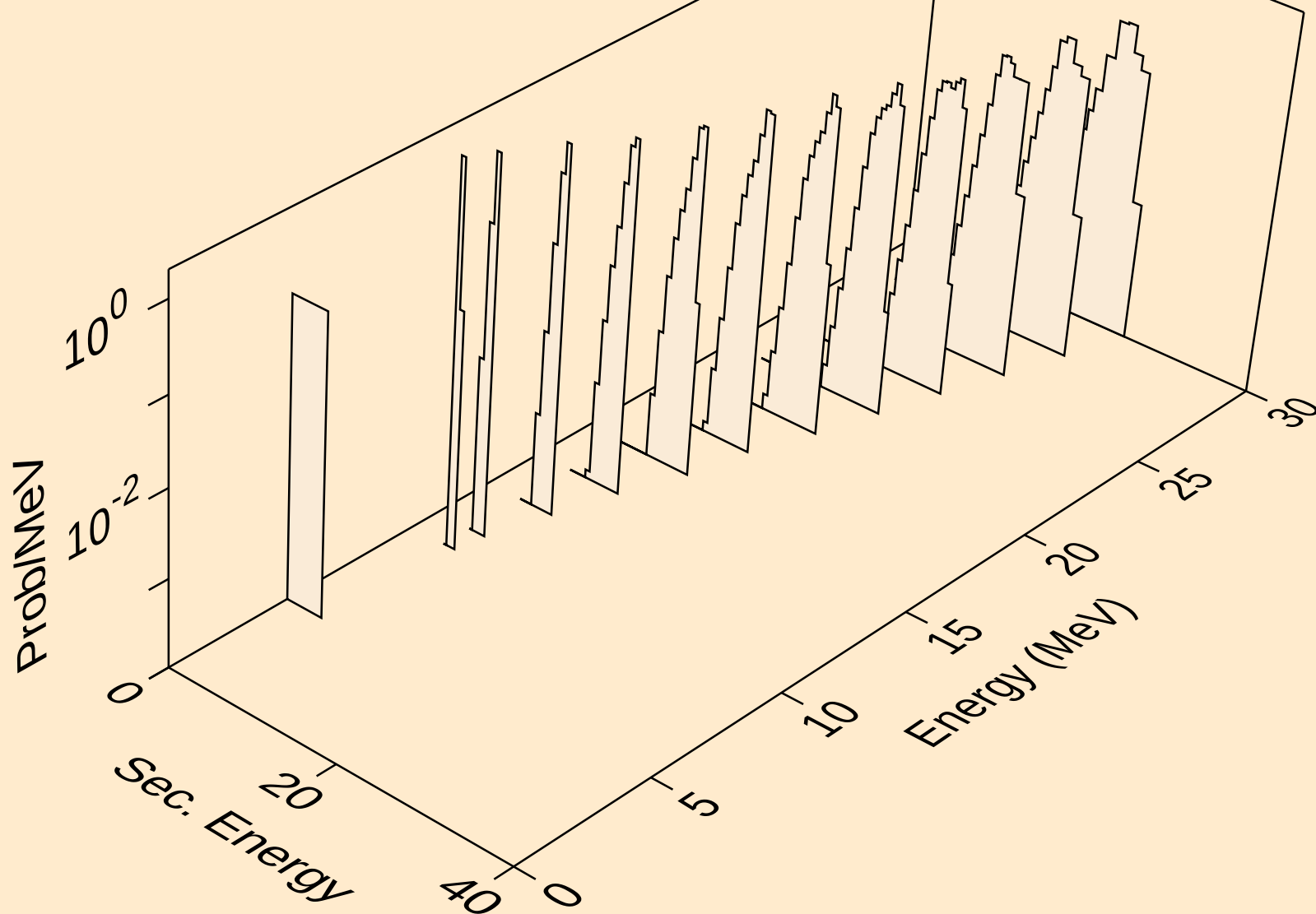
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,pt)



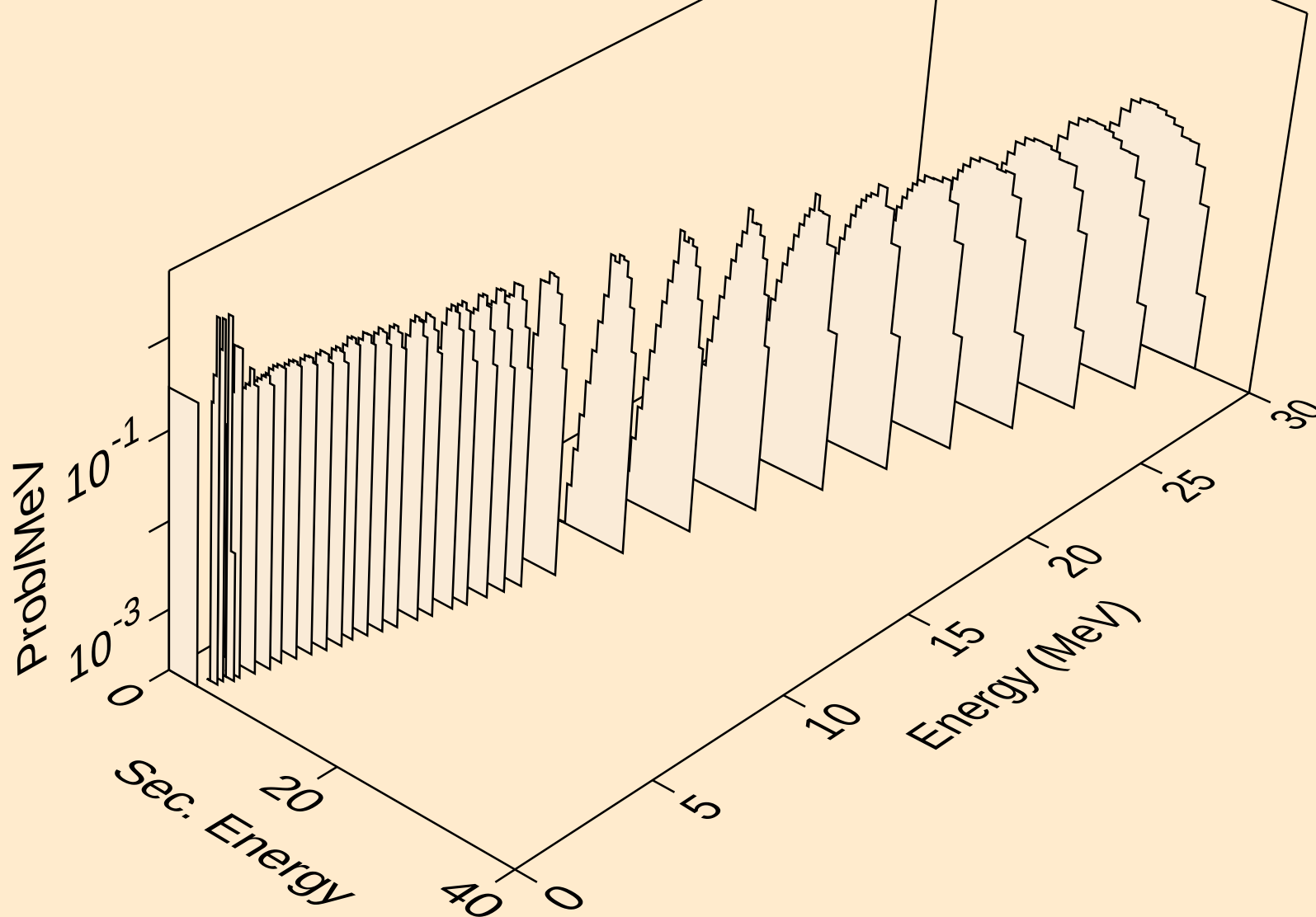
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



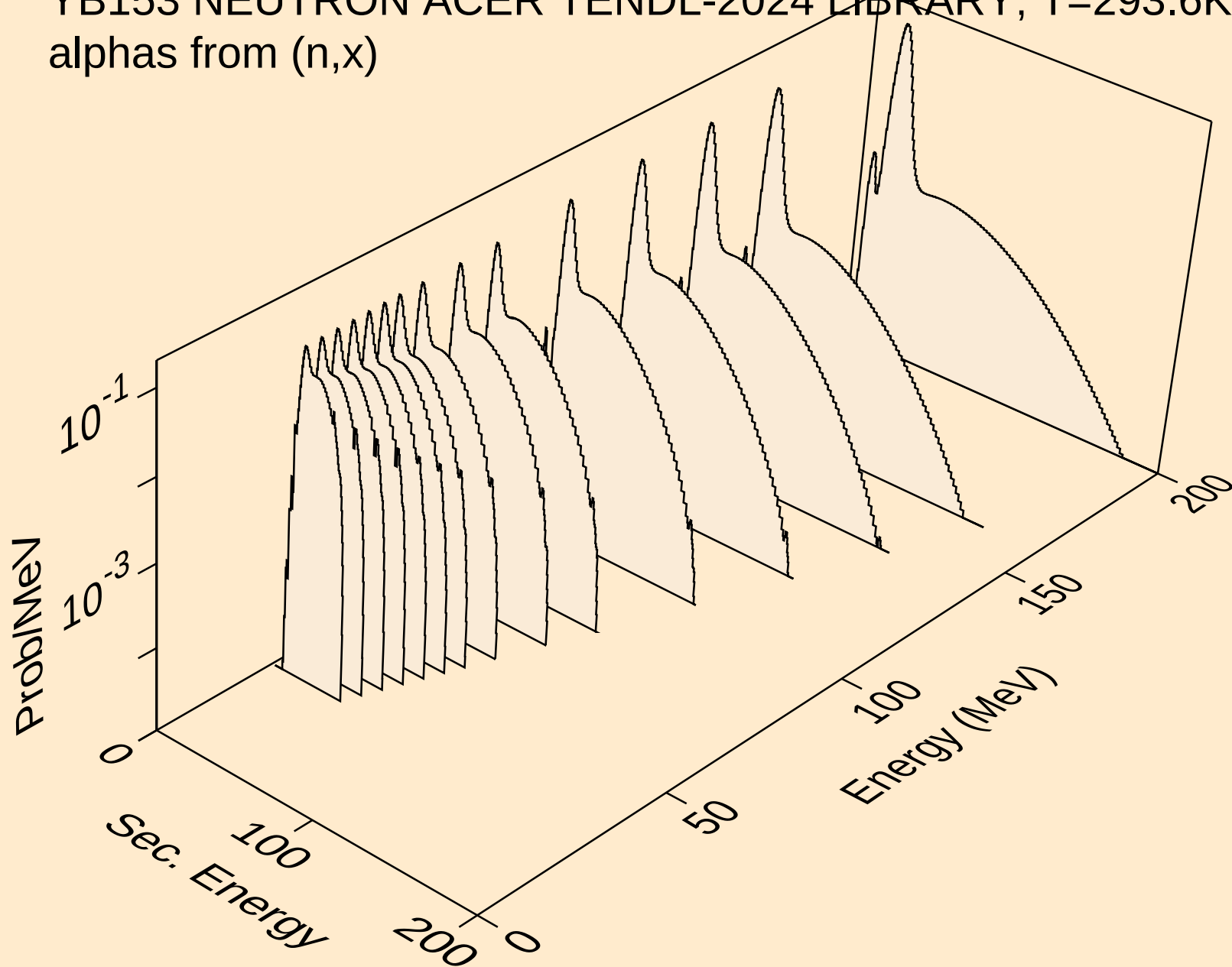
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



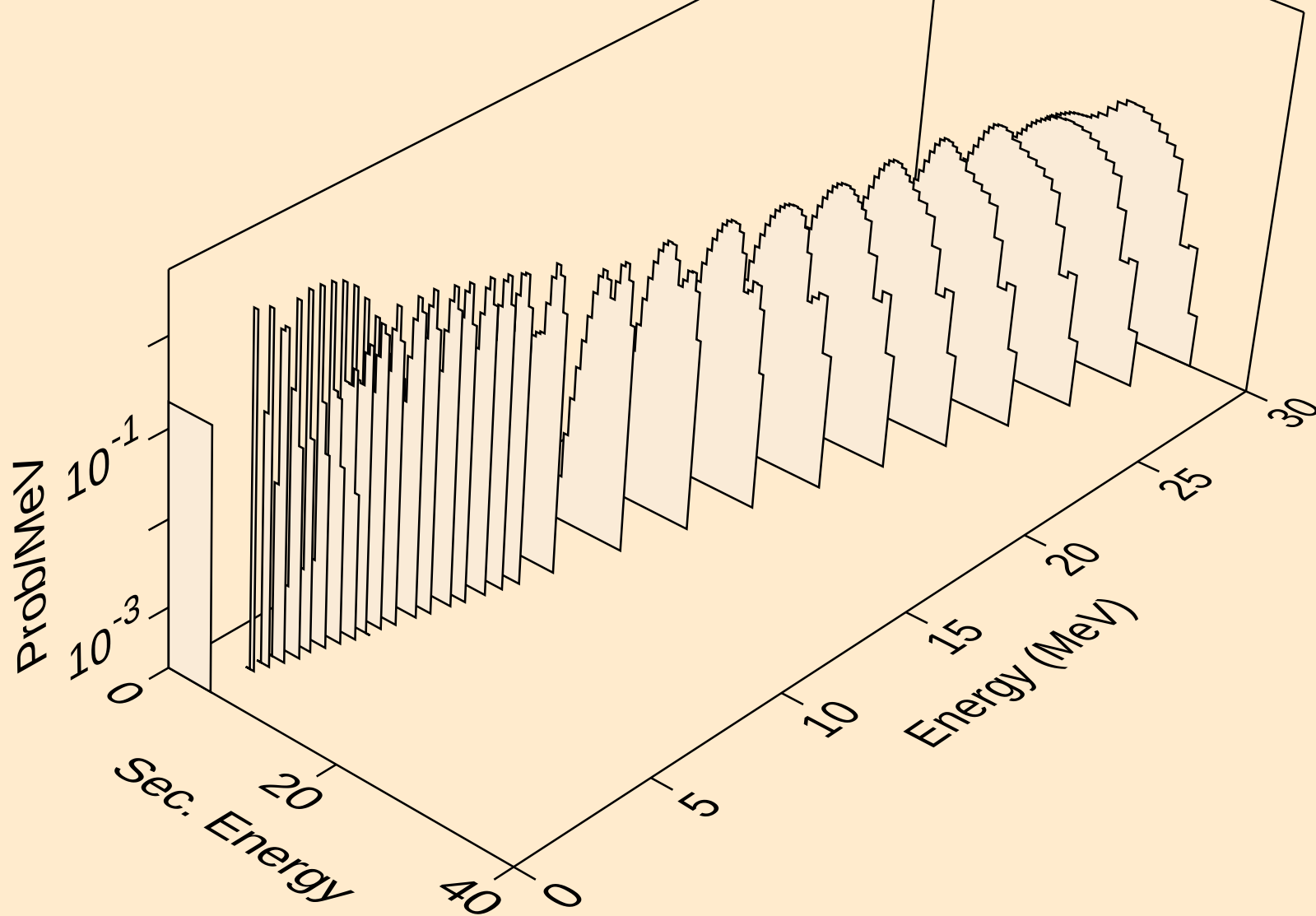
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,he3)



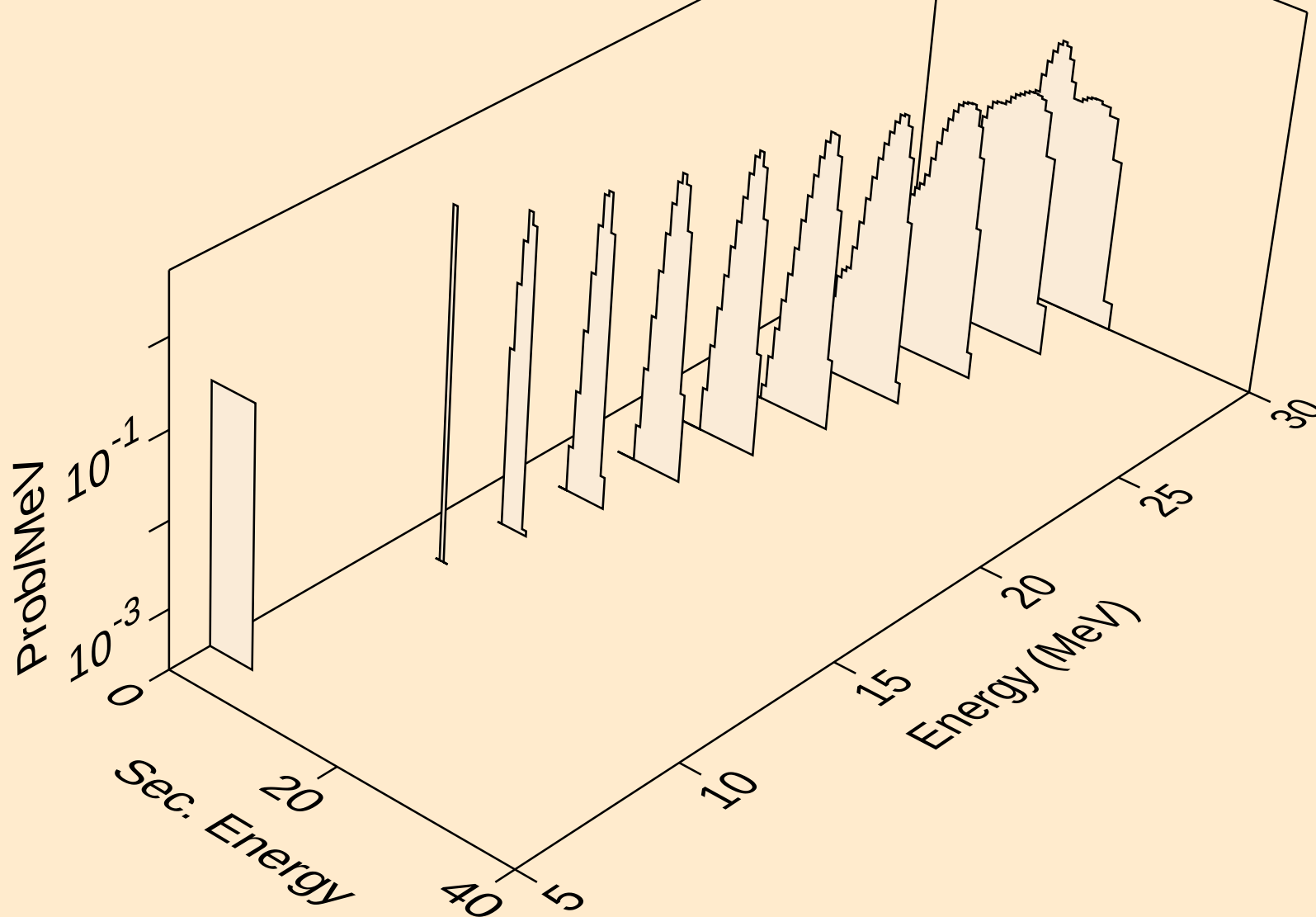
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



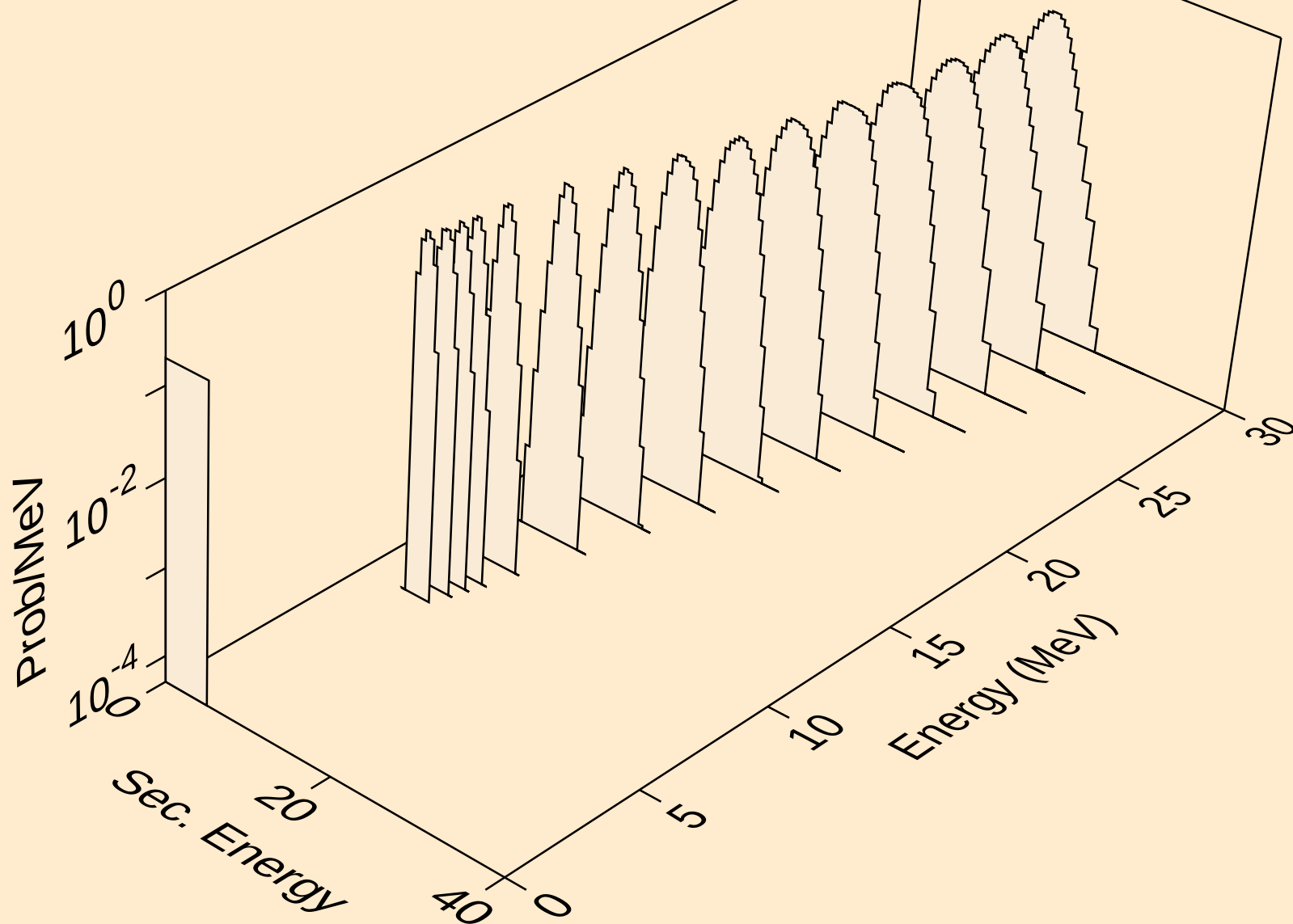
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



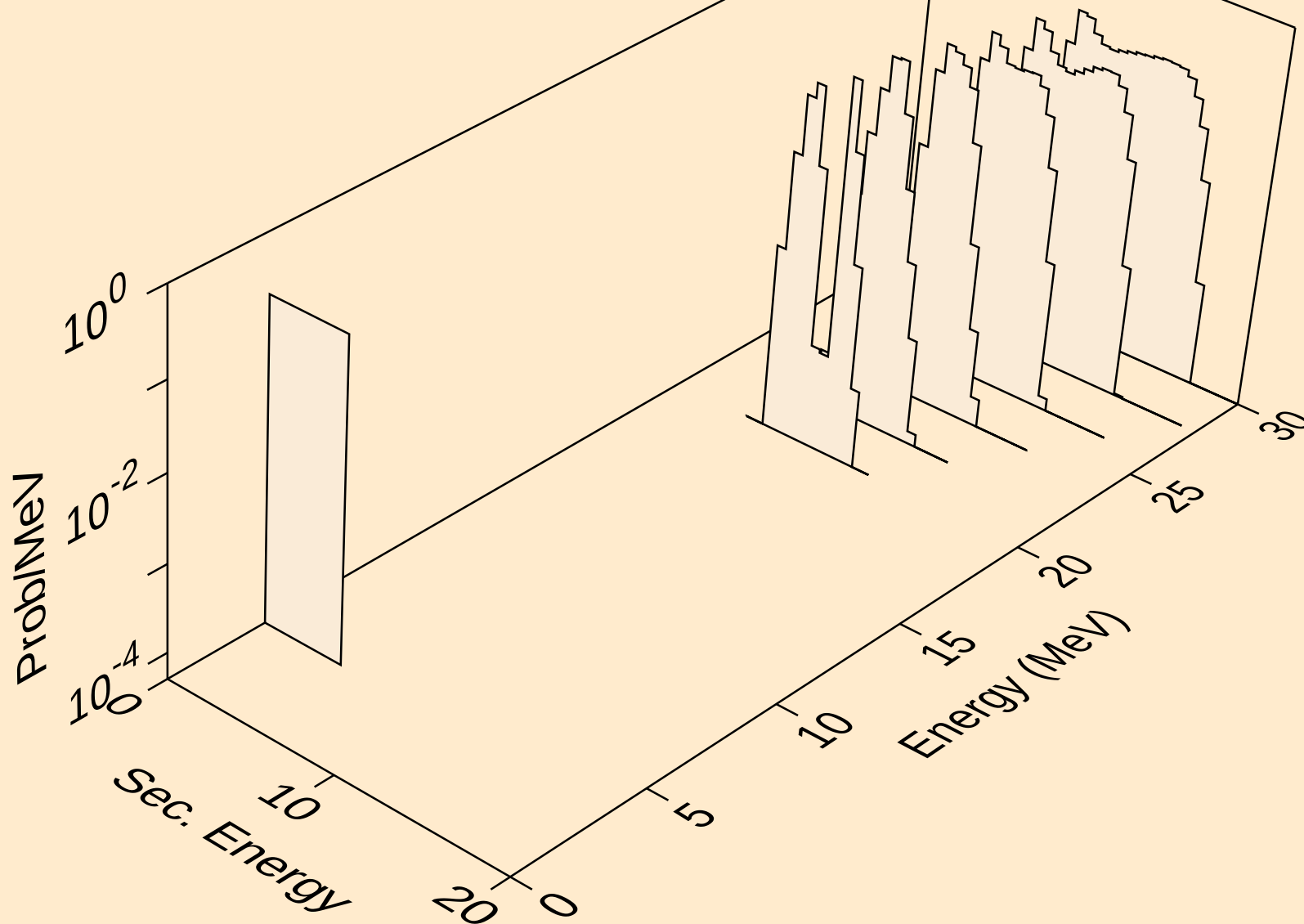
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



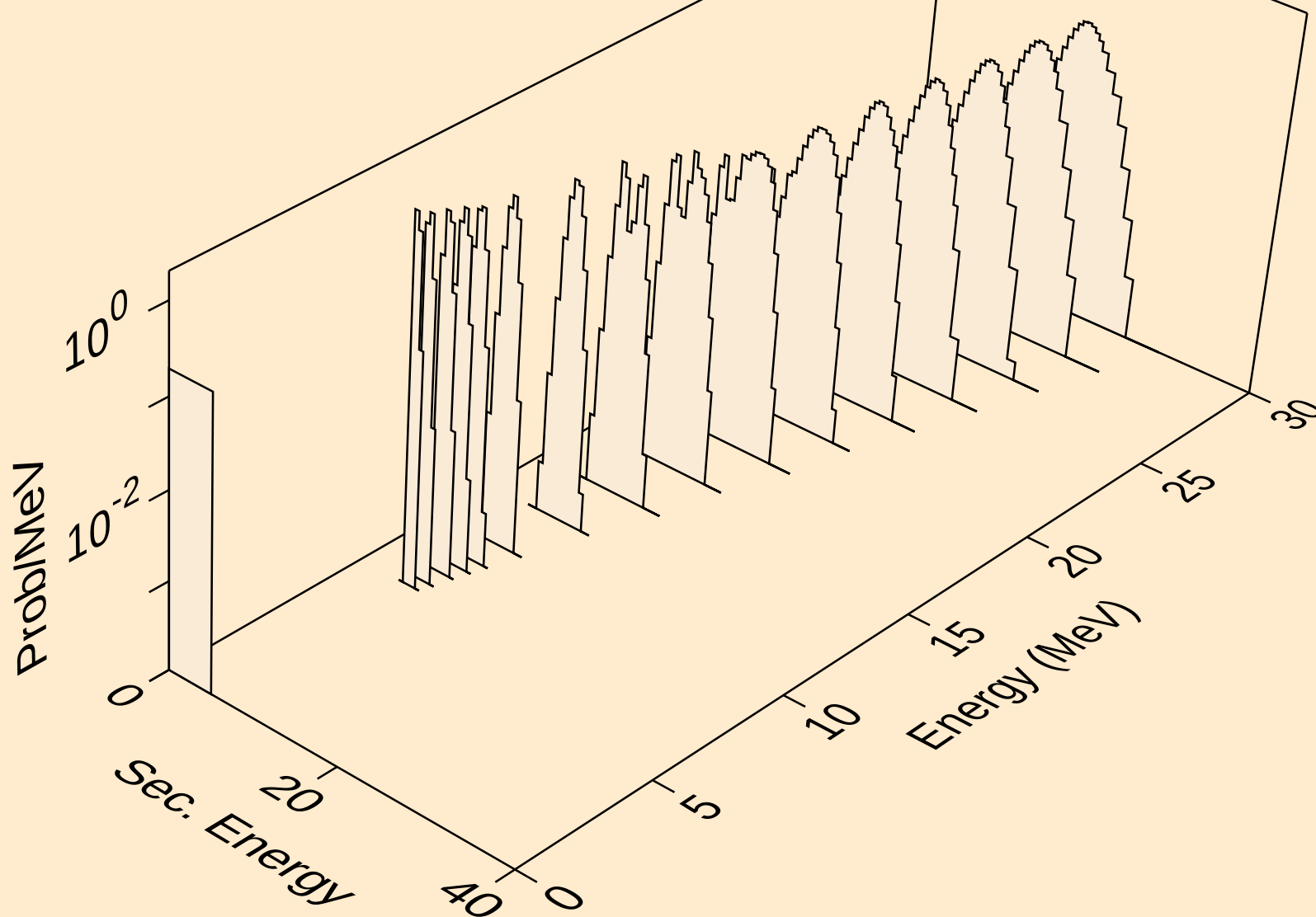
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



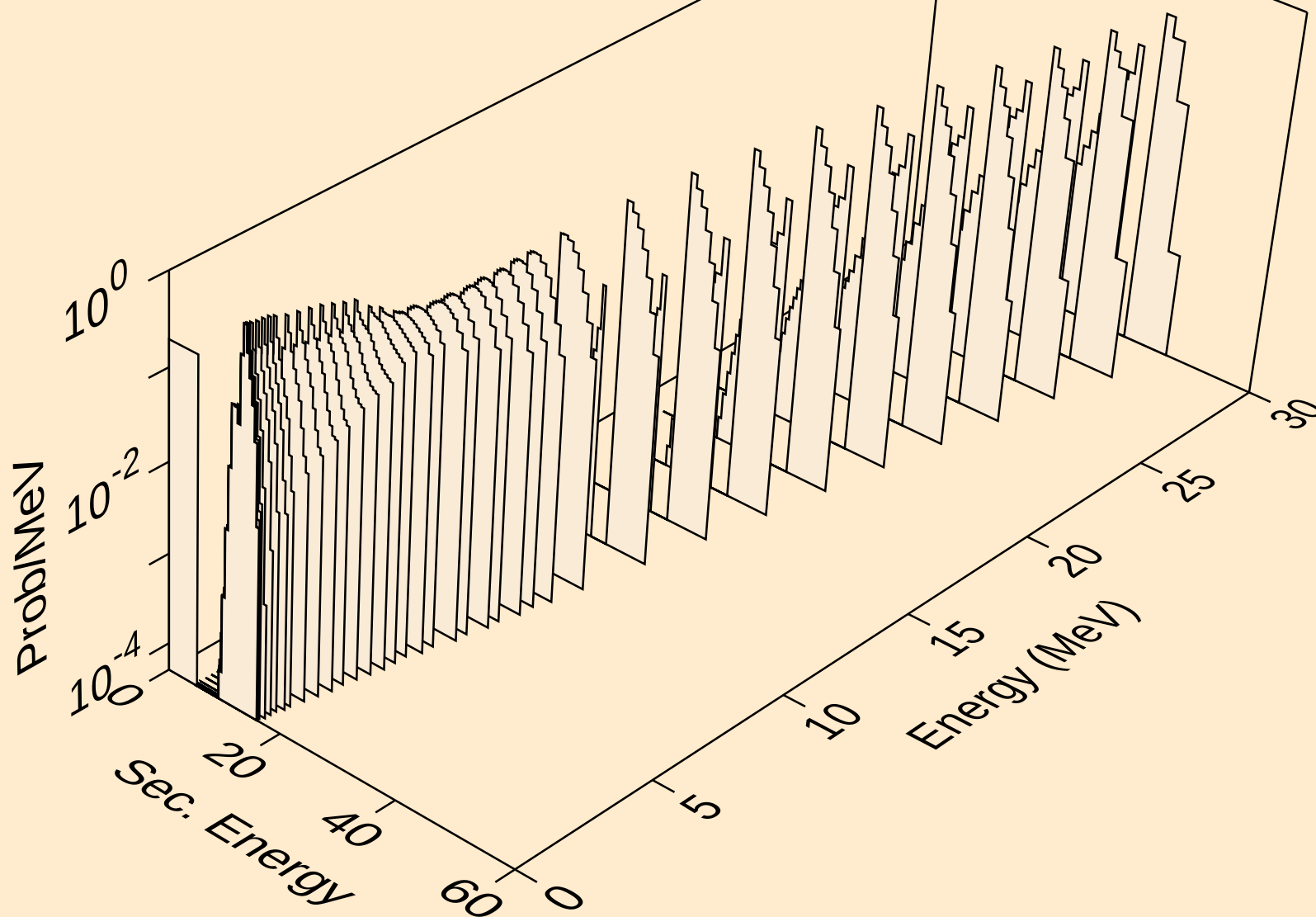
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)2a



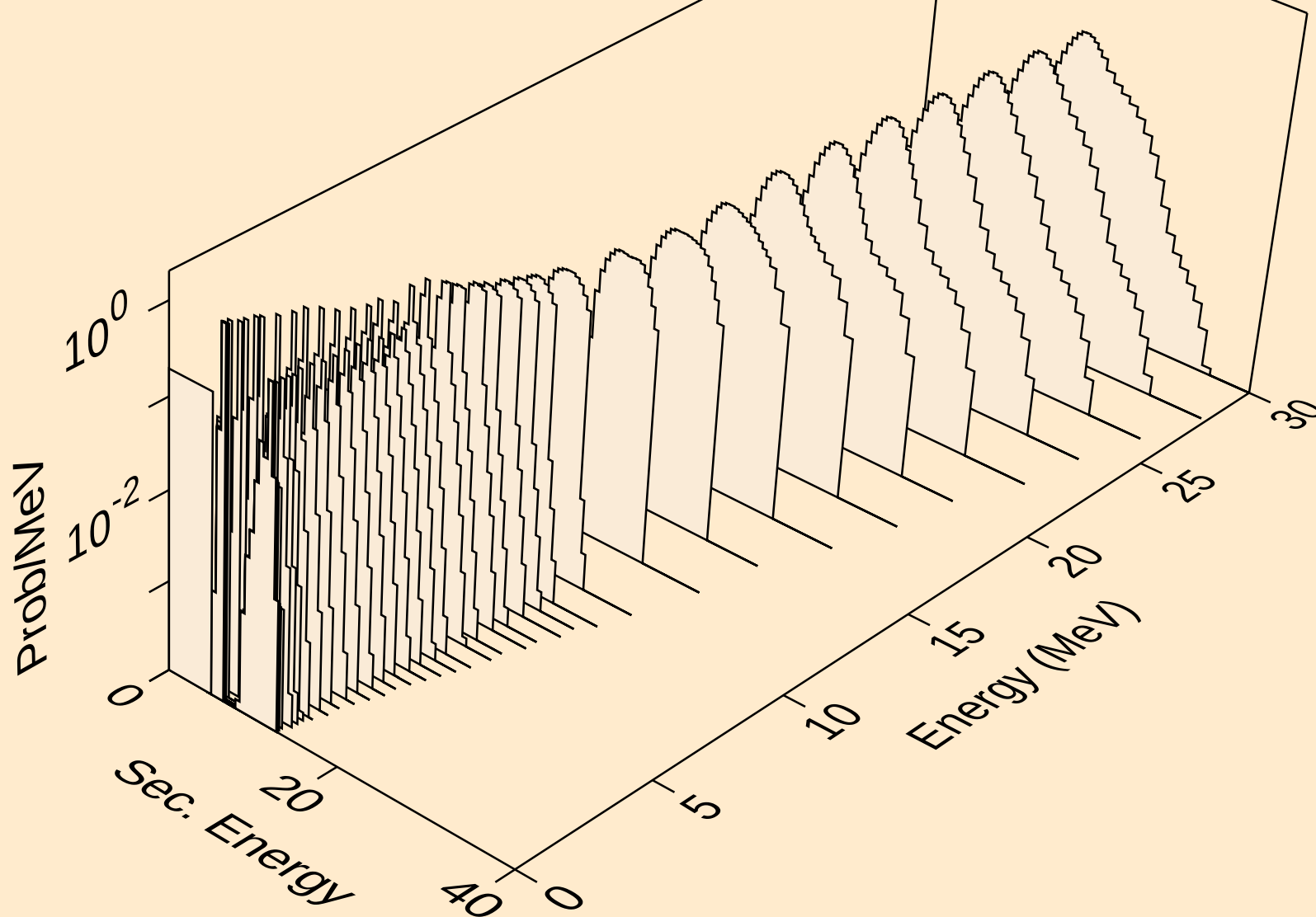
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



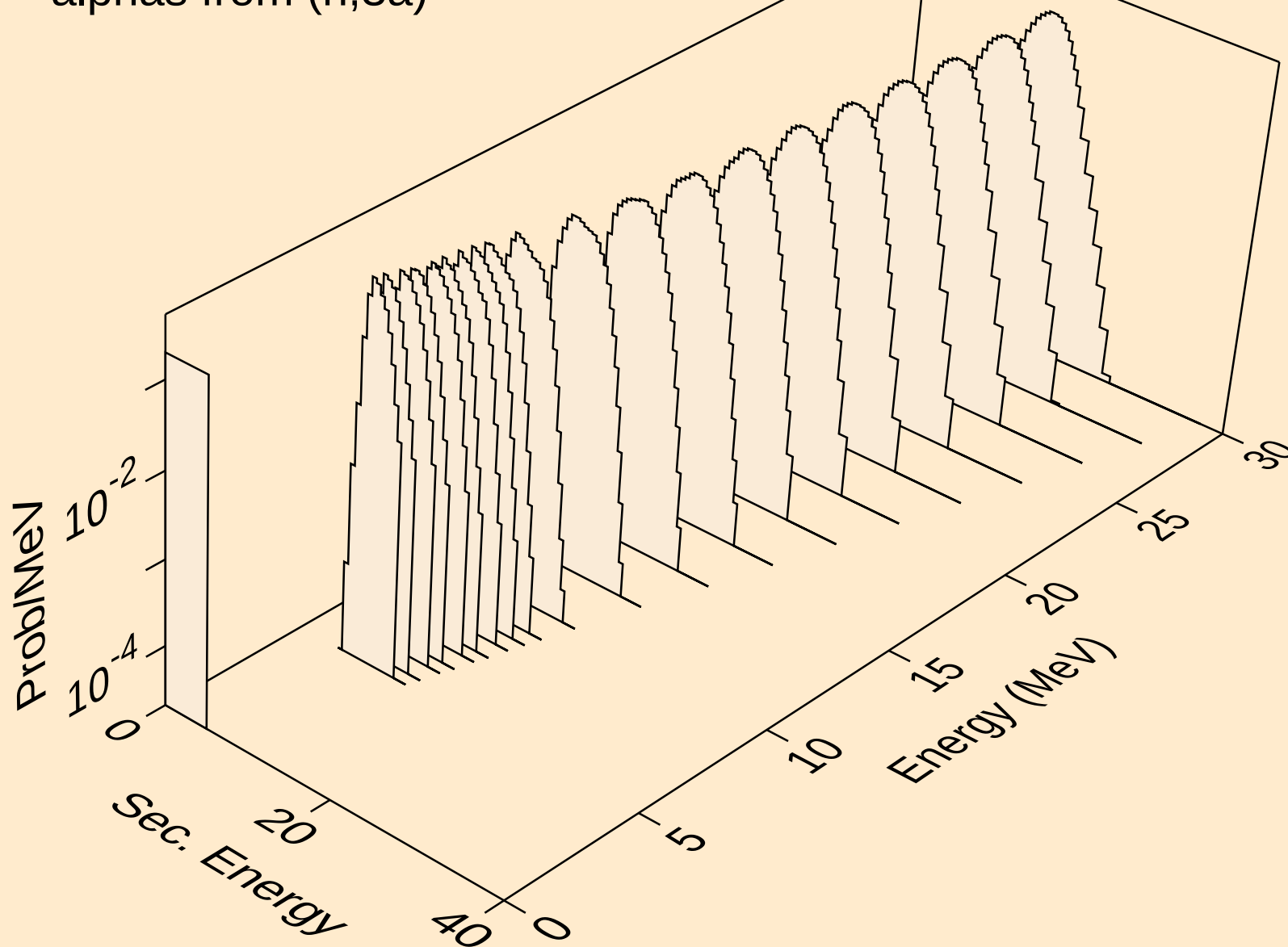
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



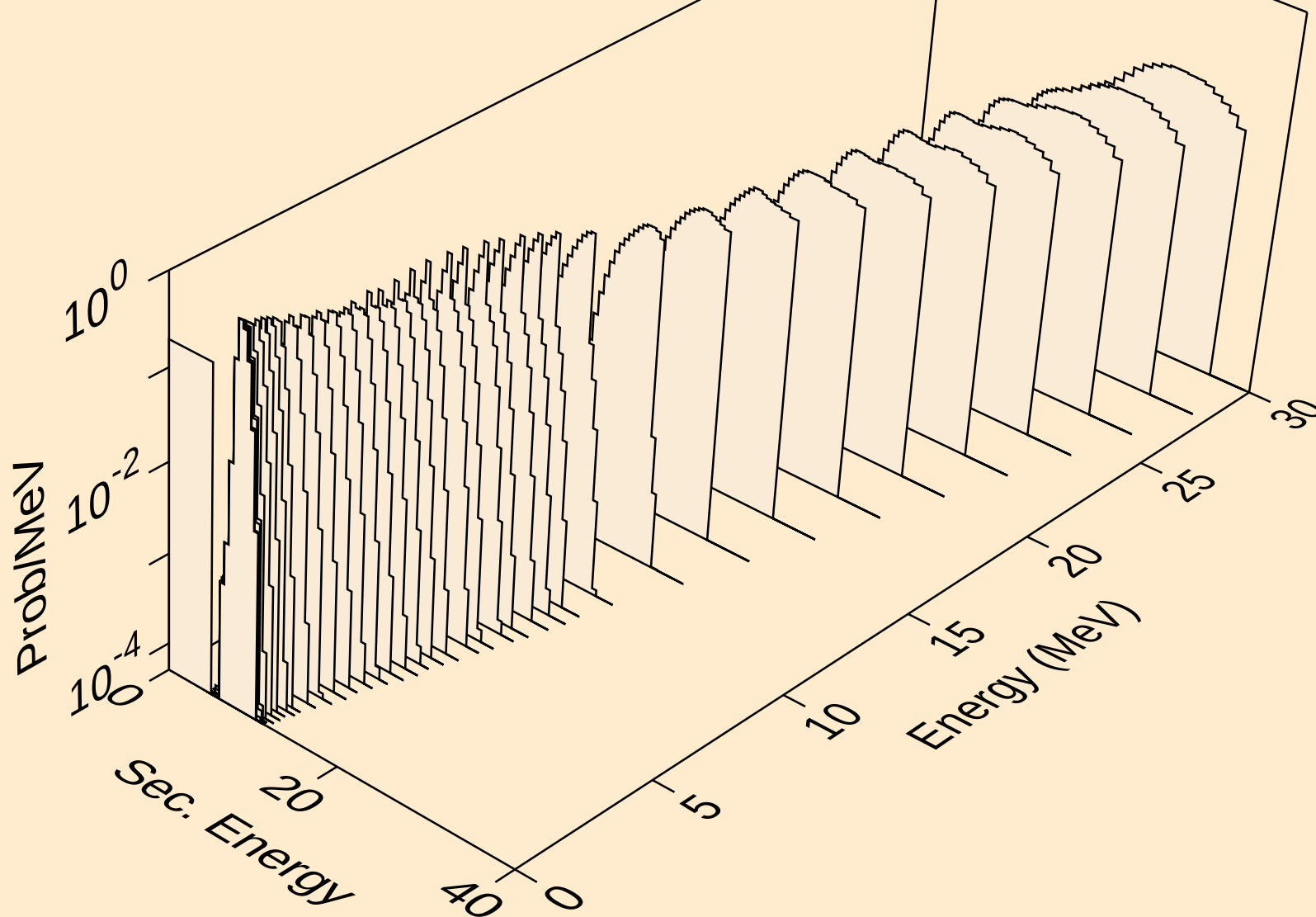
YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3a)



YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)



YB153 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

