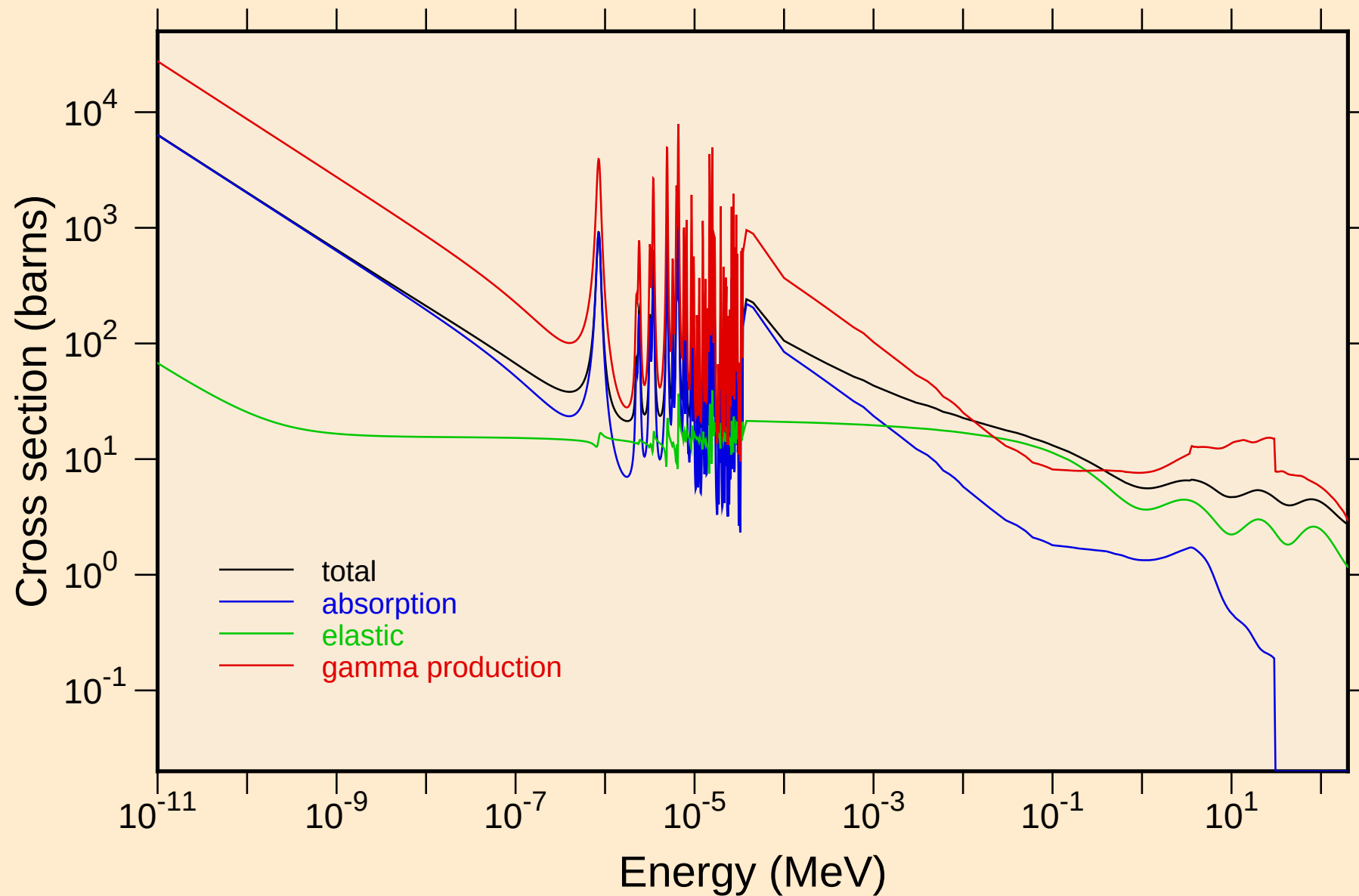
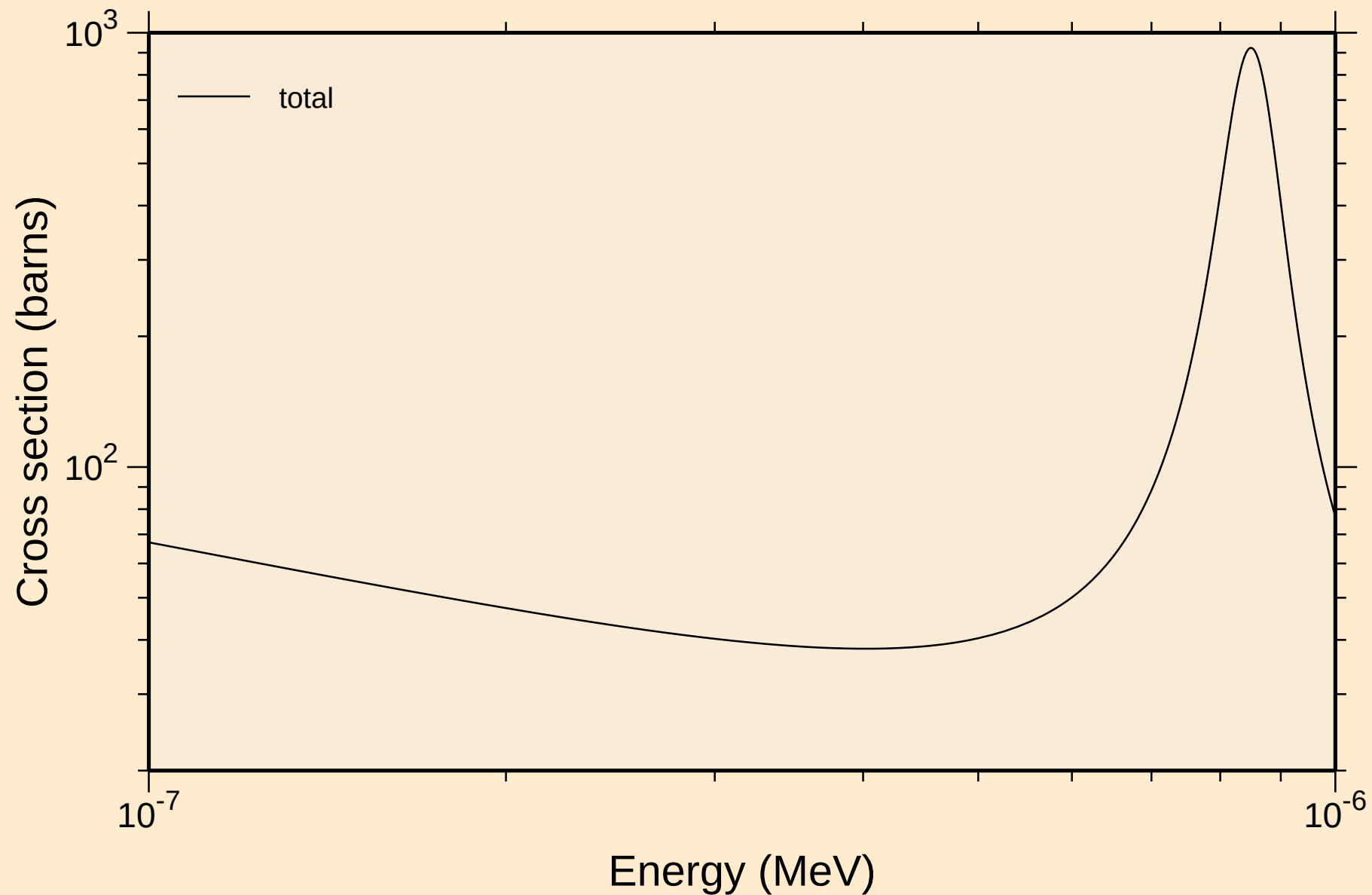


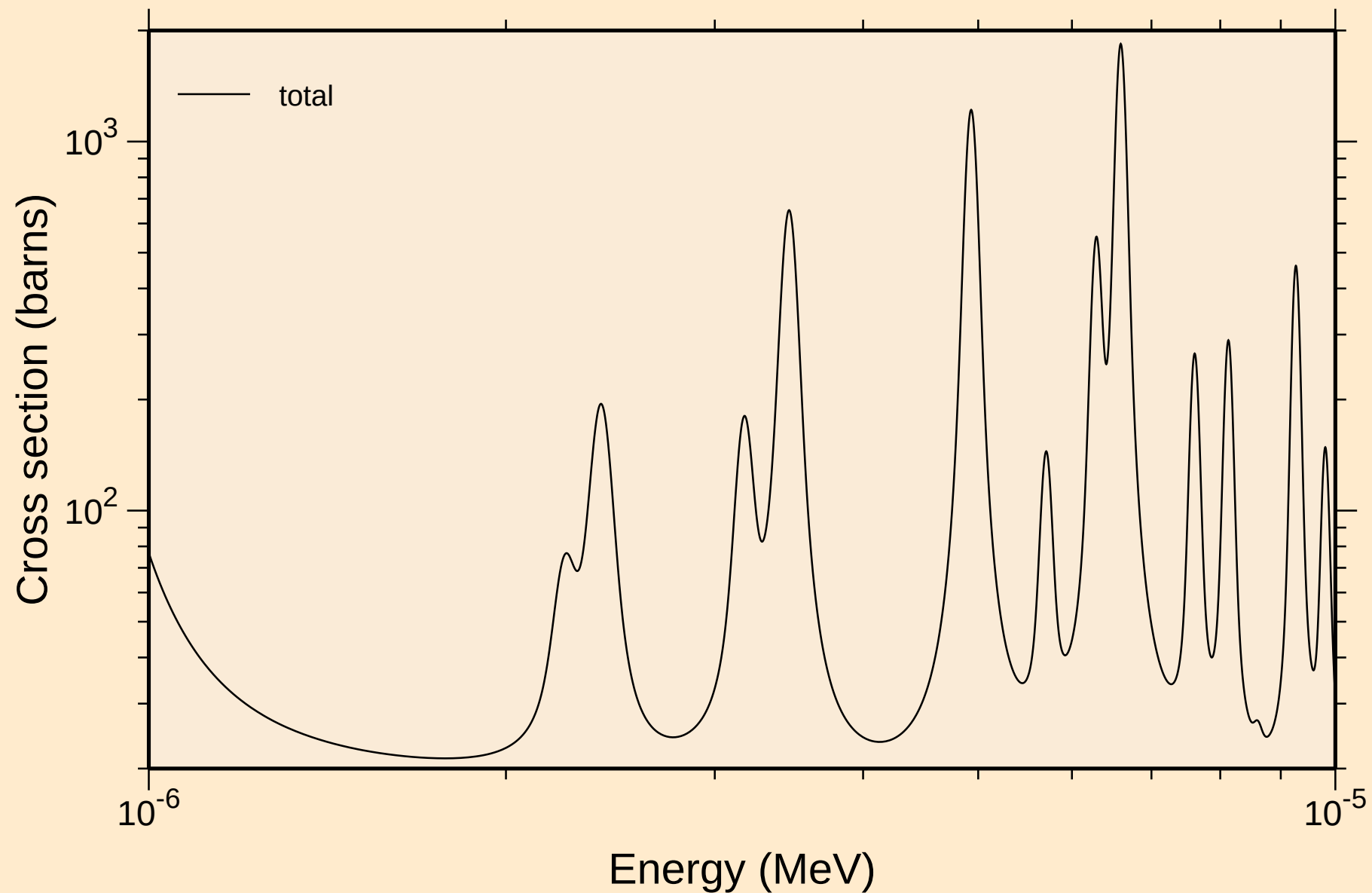
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Principal cross sections



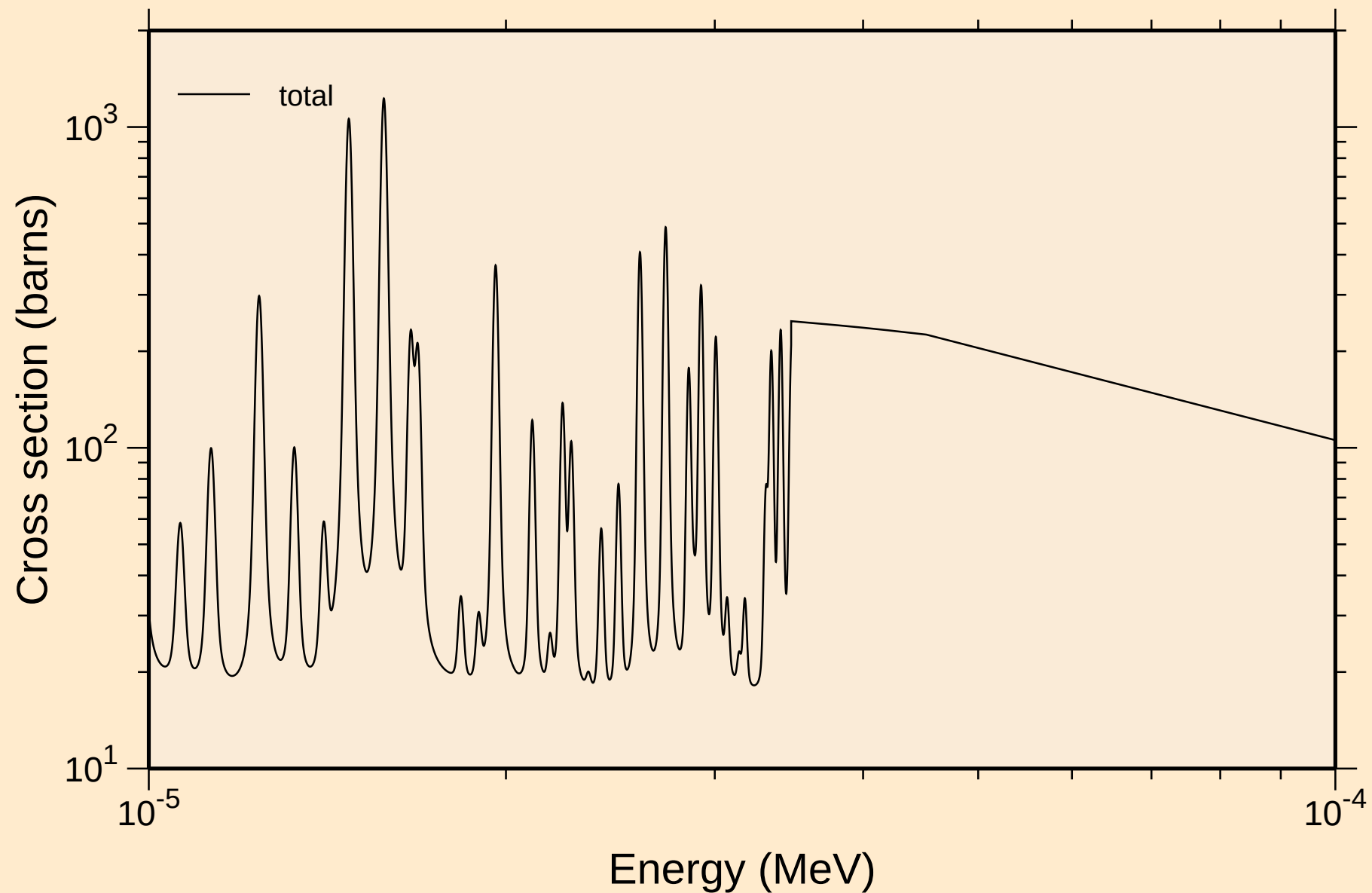
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



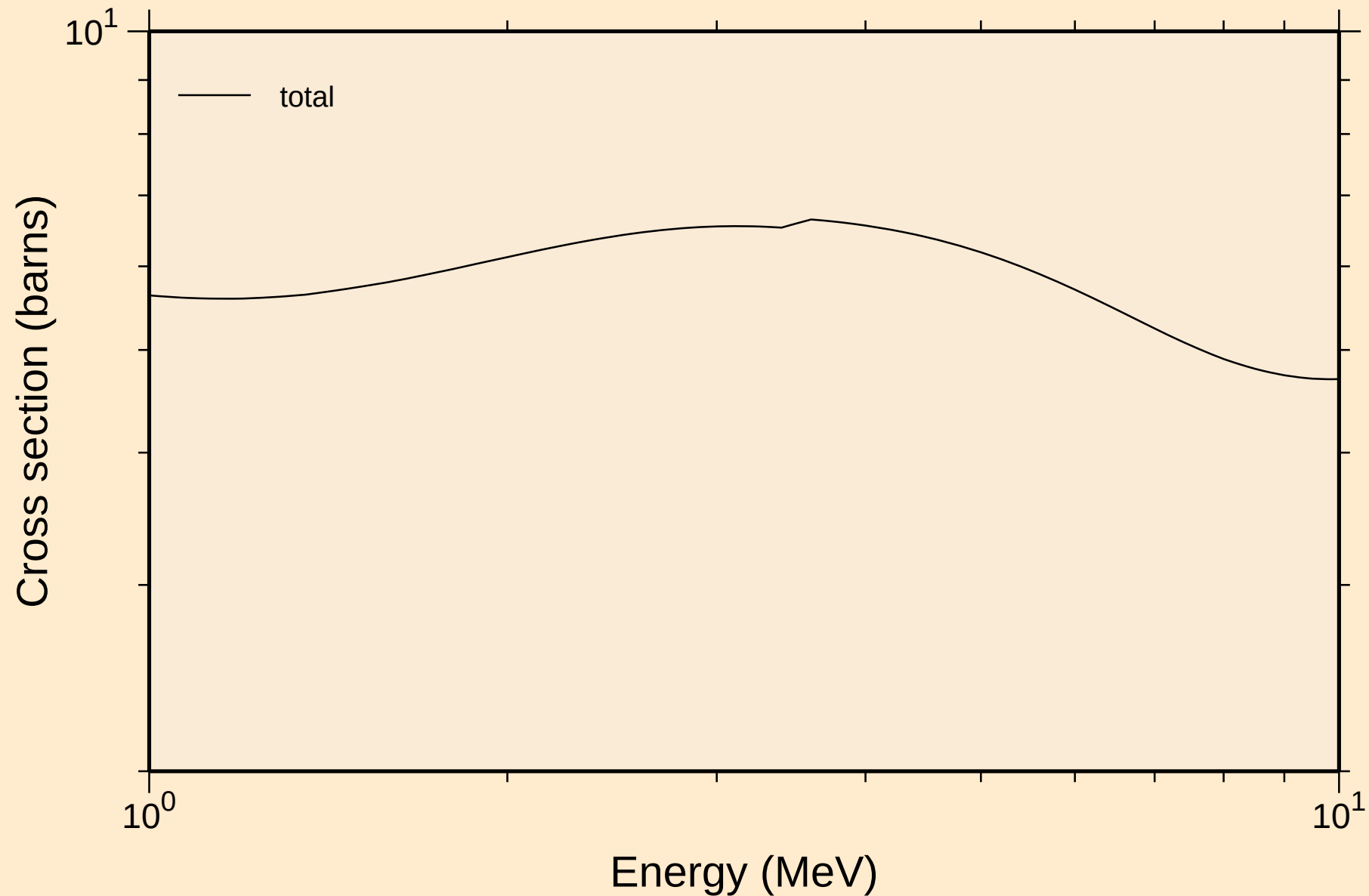
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



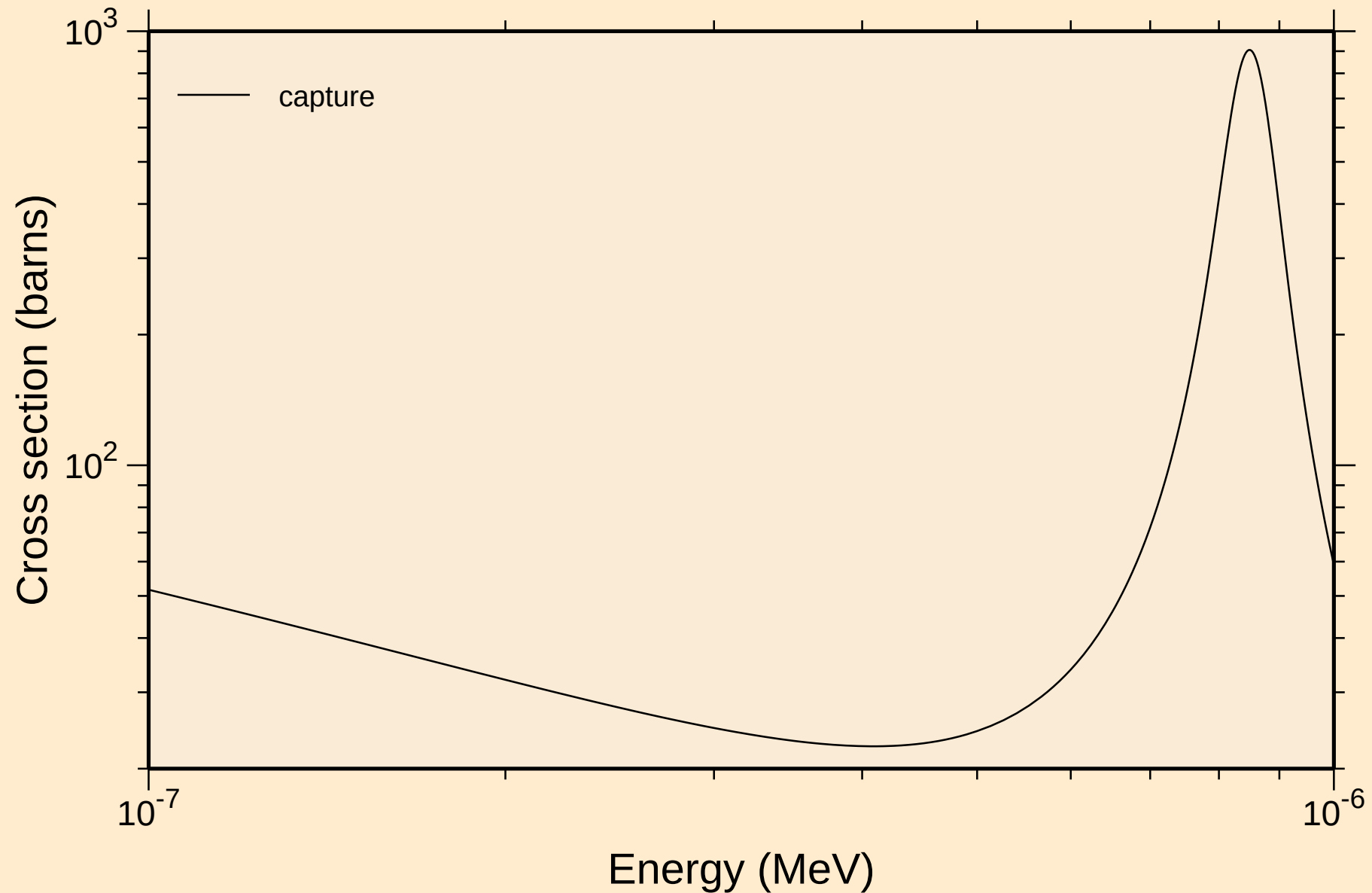
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



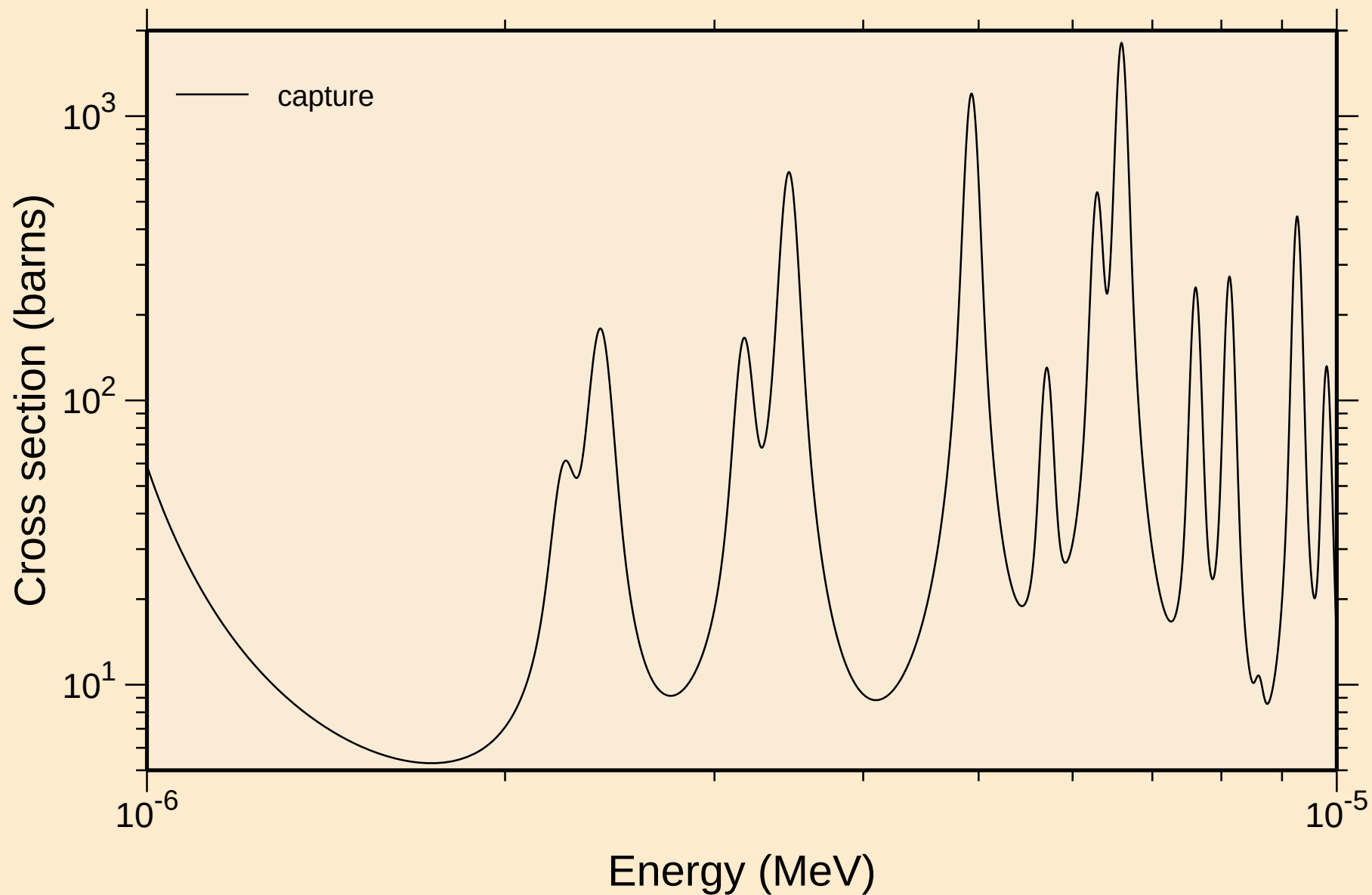
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance total cross section



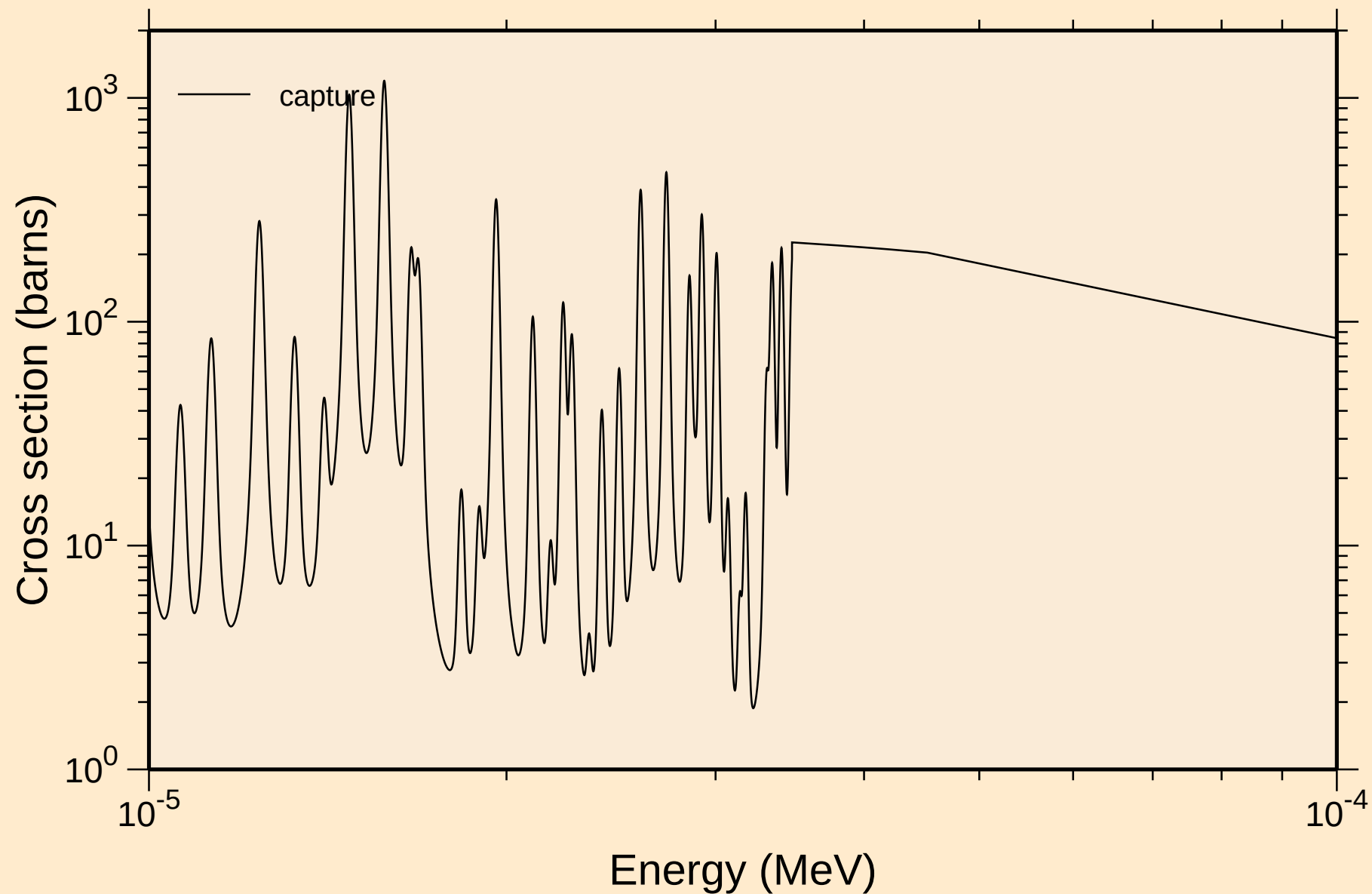
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



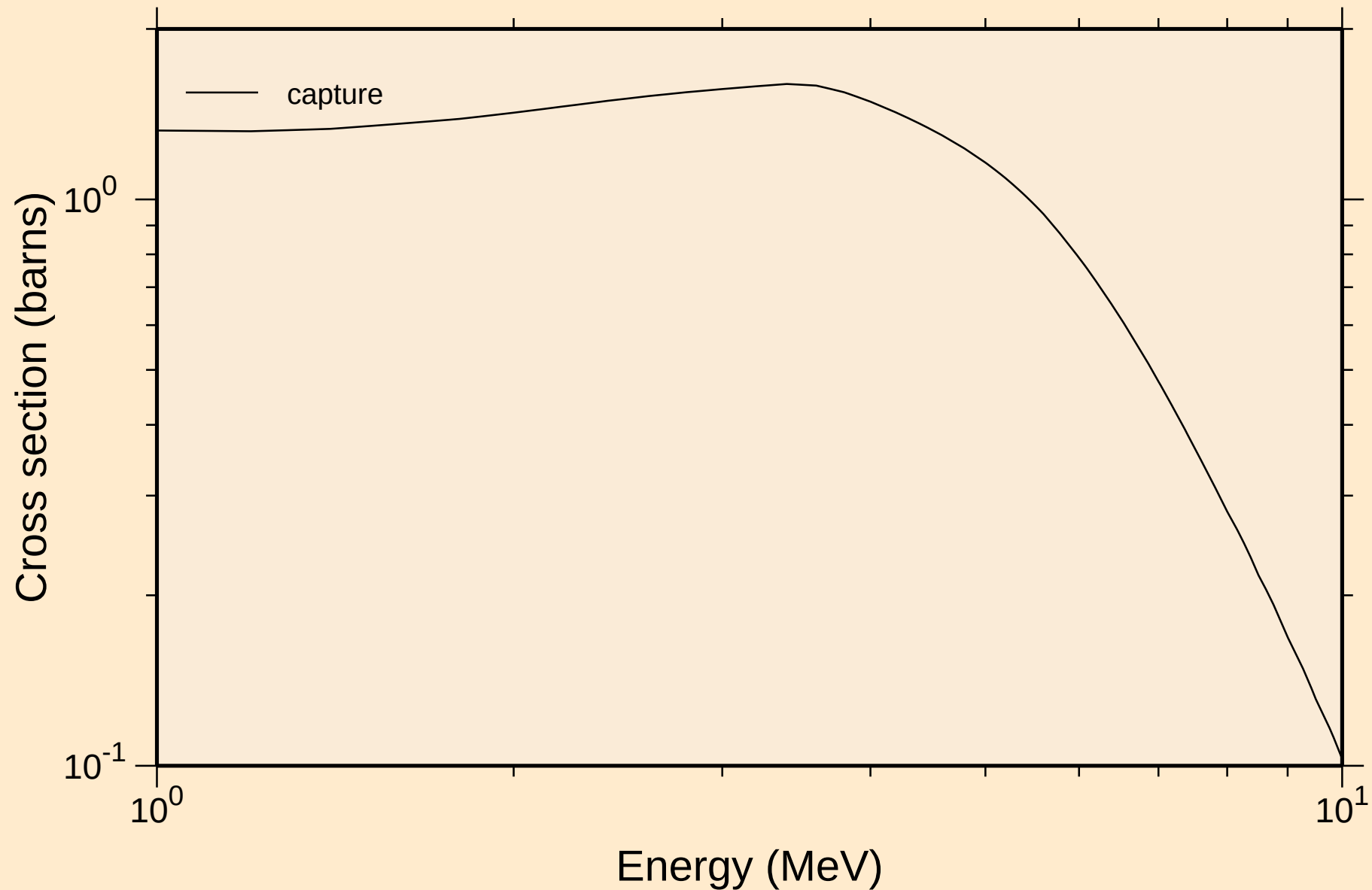
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections

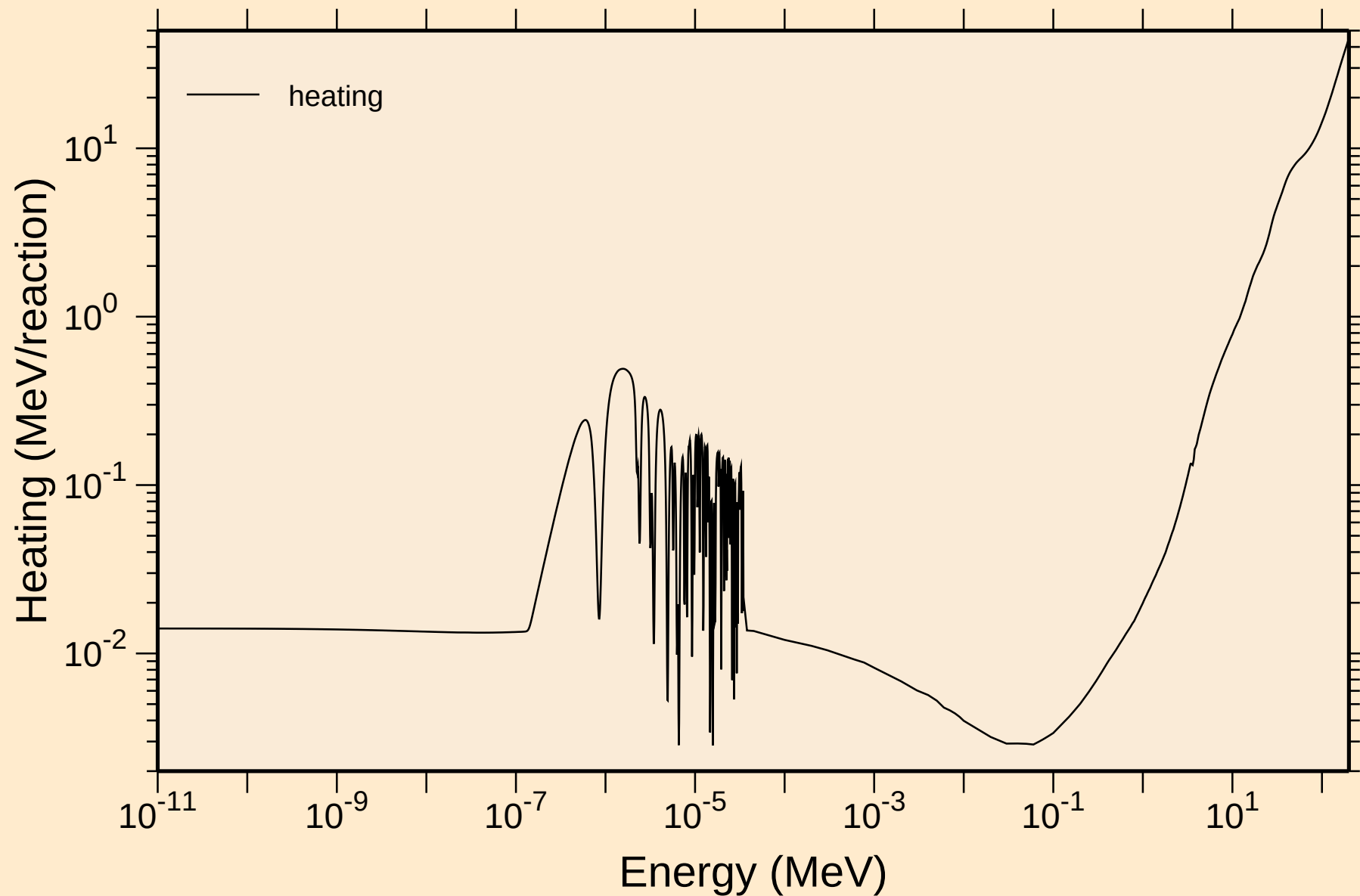


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
resonance absorption cross sections



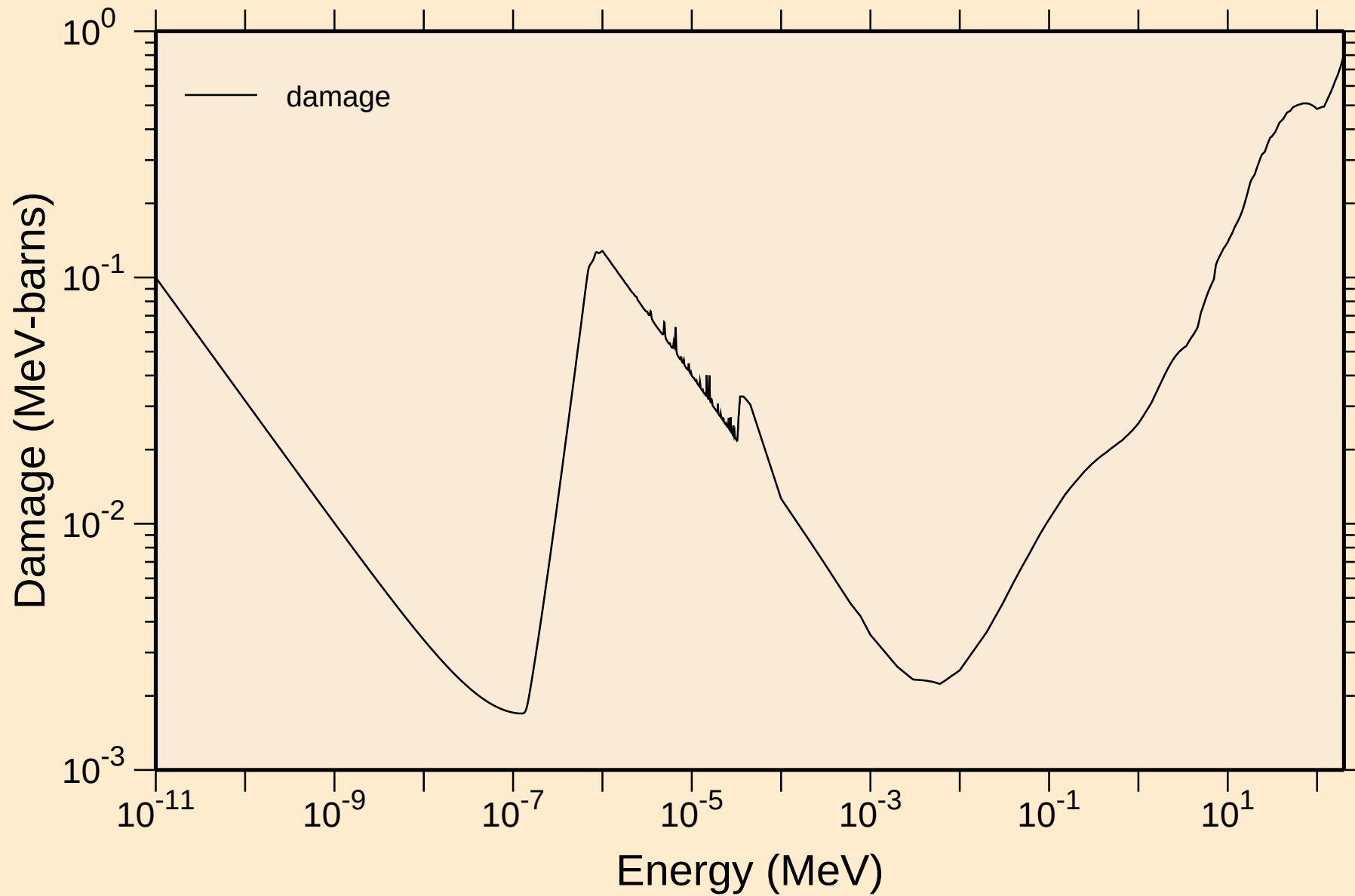
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

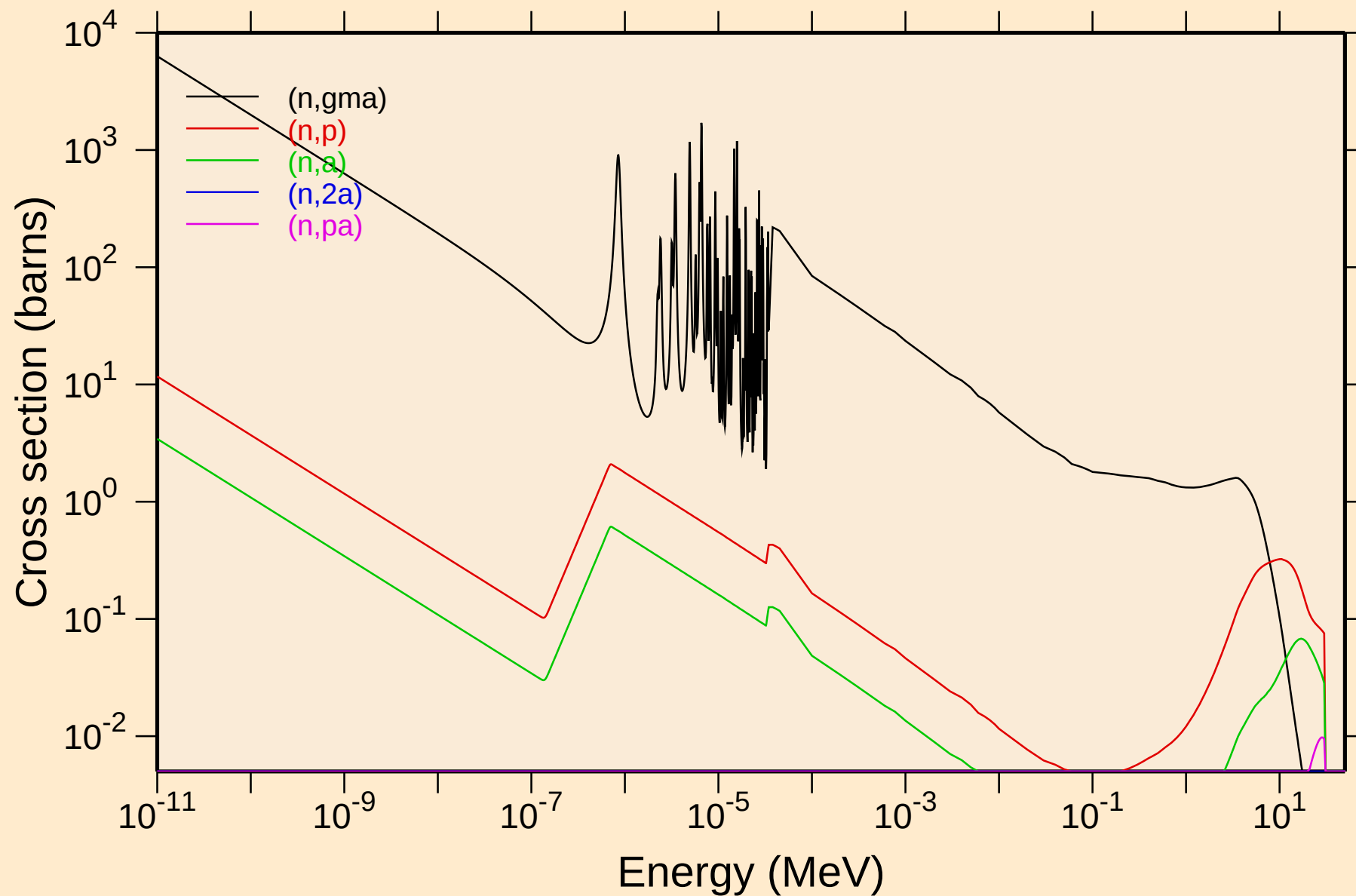


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

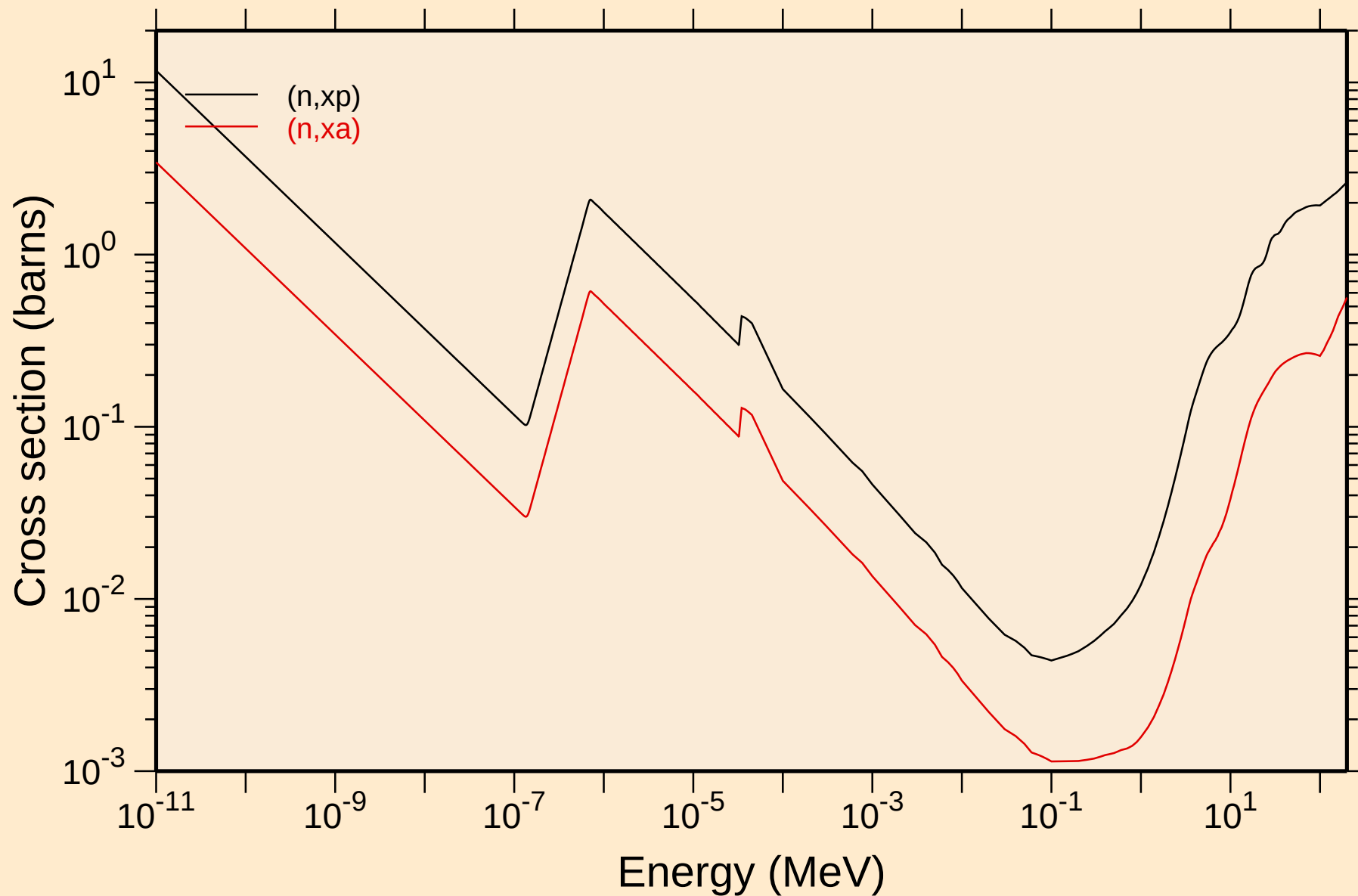
Damage



PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

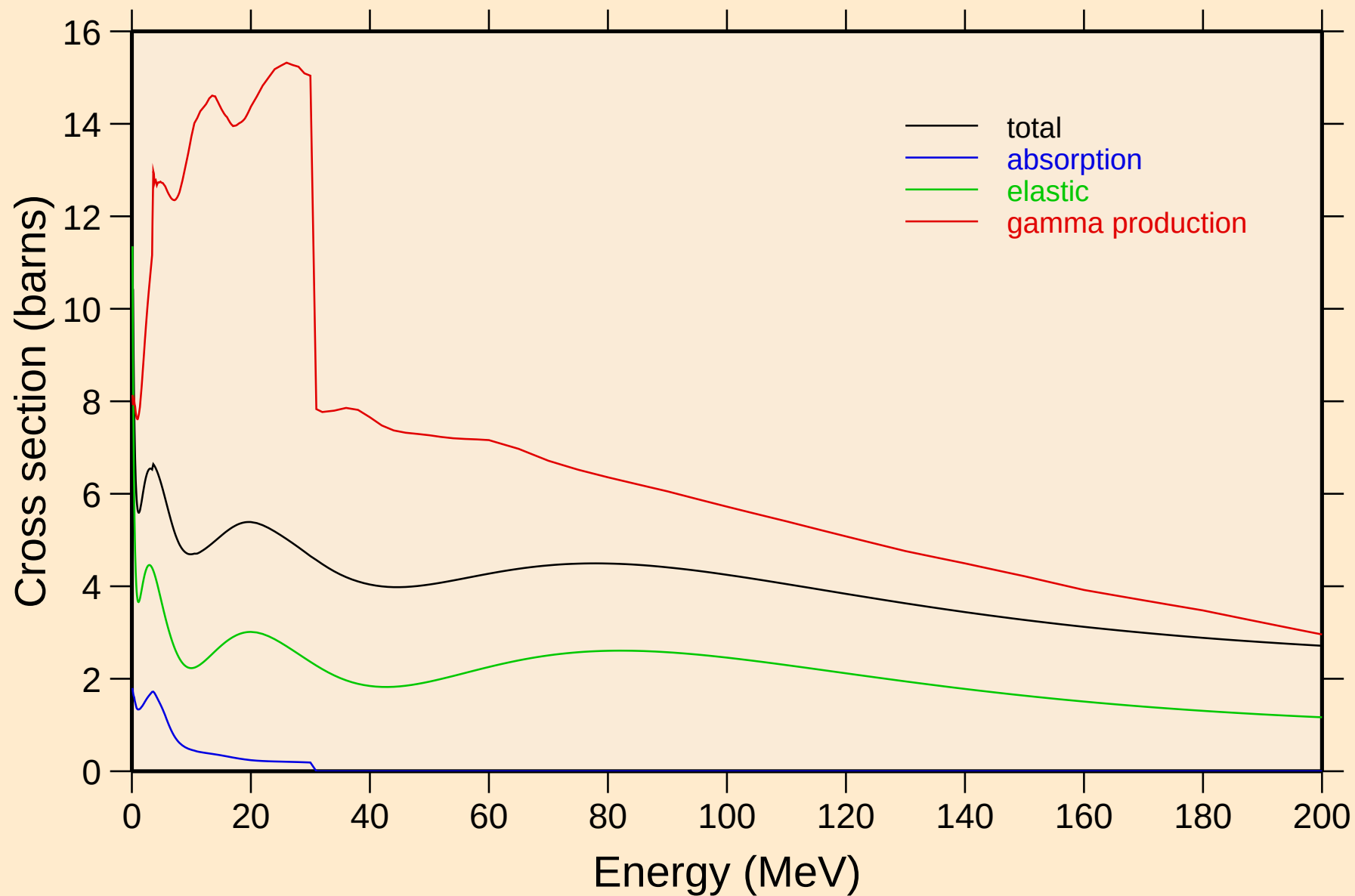


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



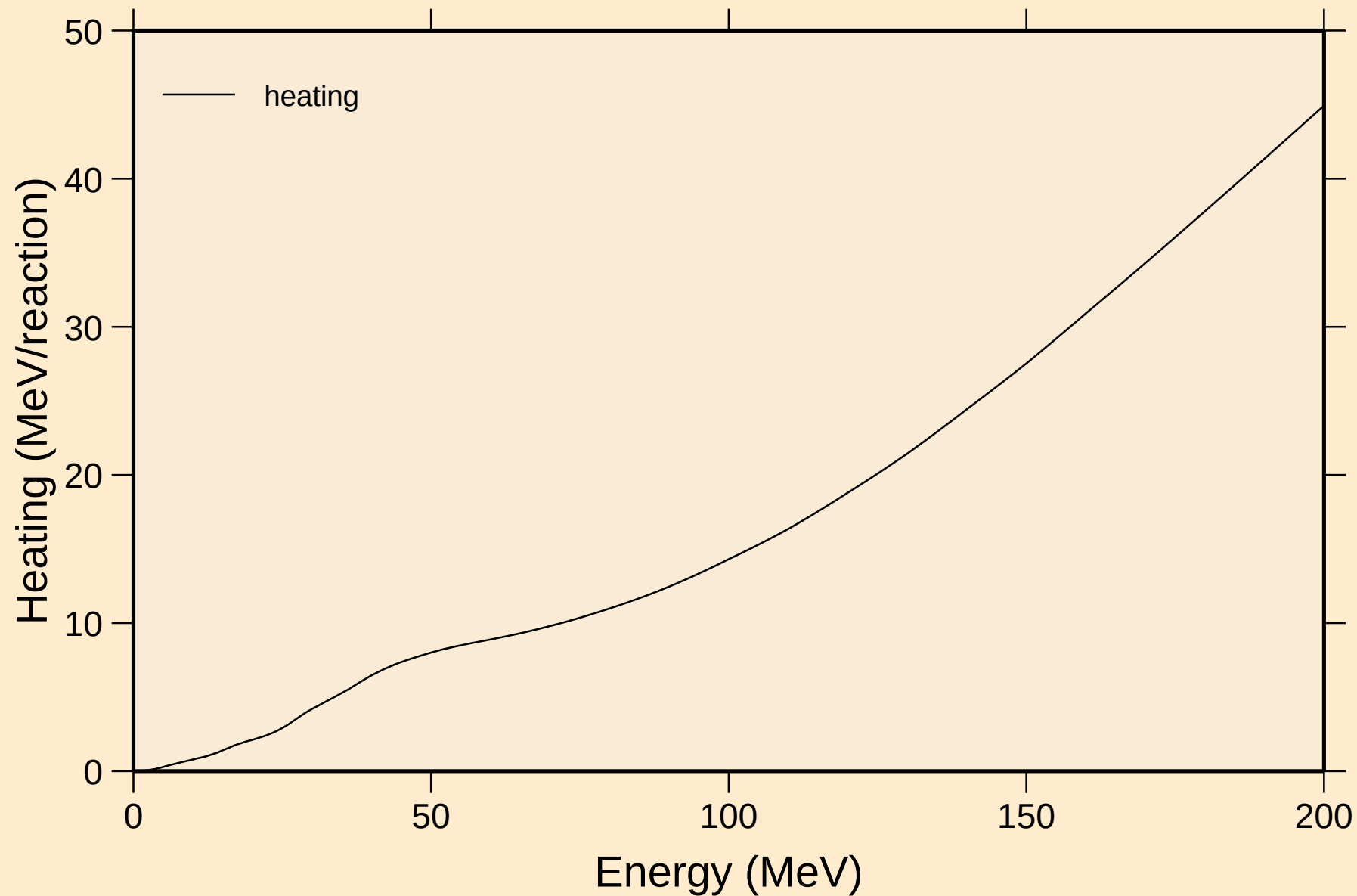
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Principal cross sections



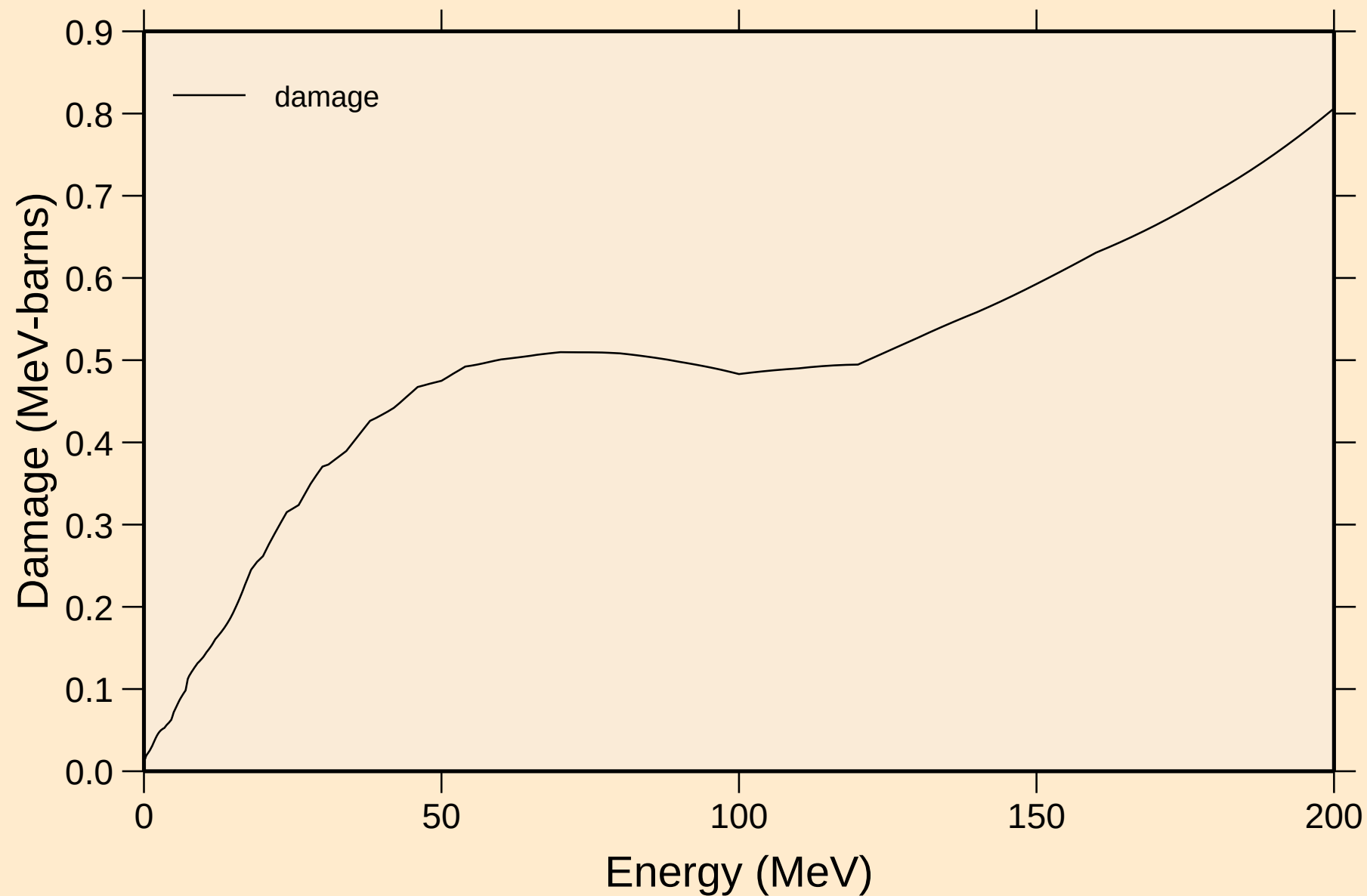
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Heating

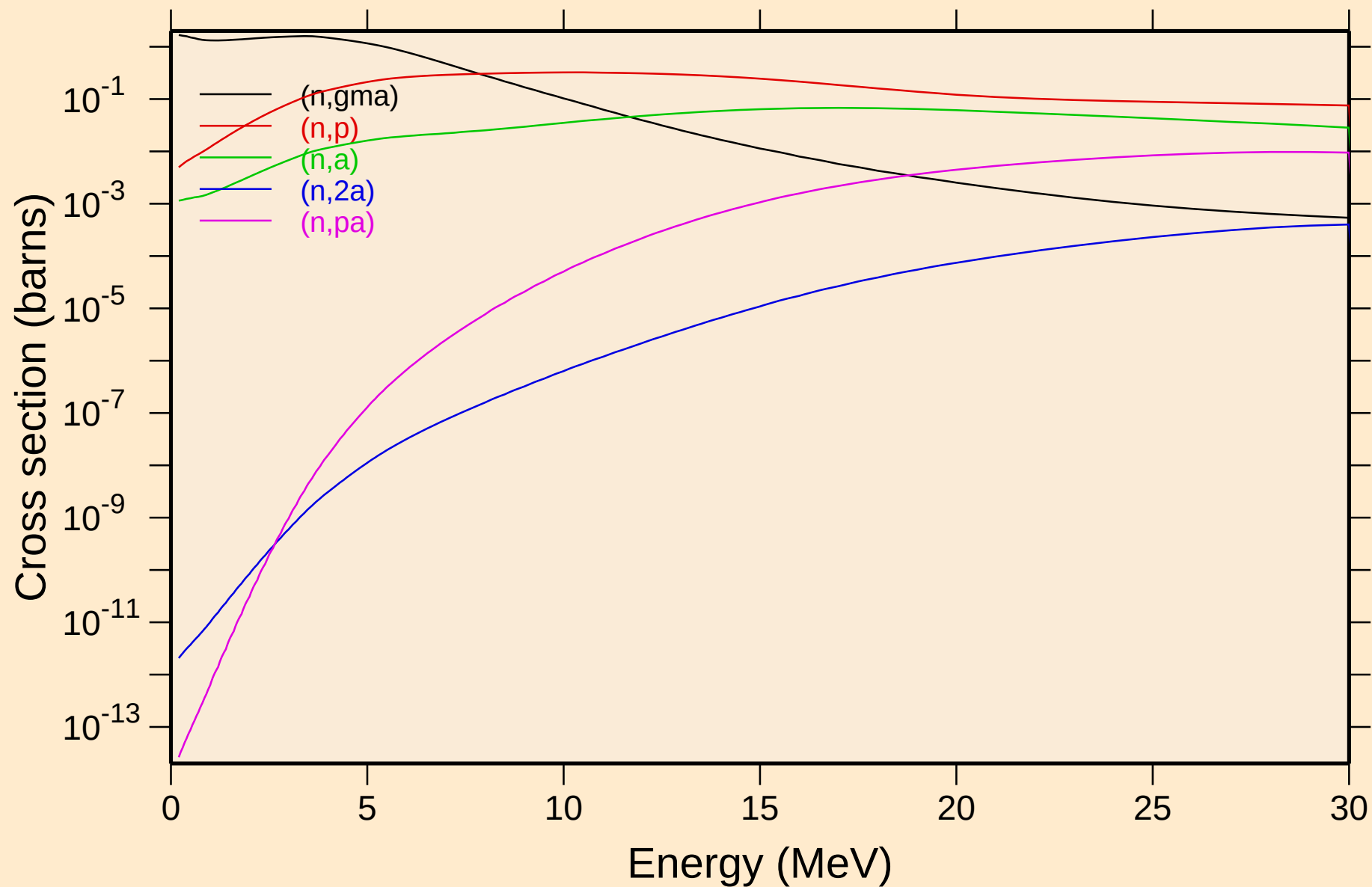


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

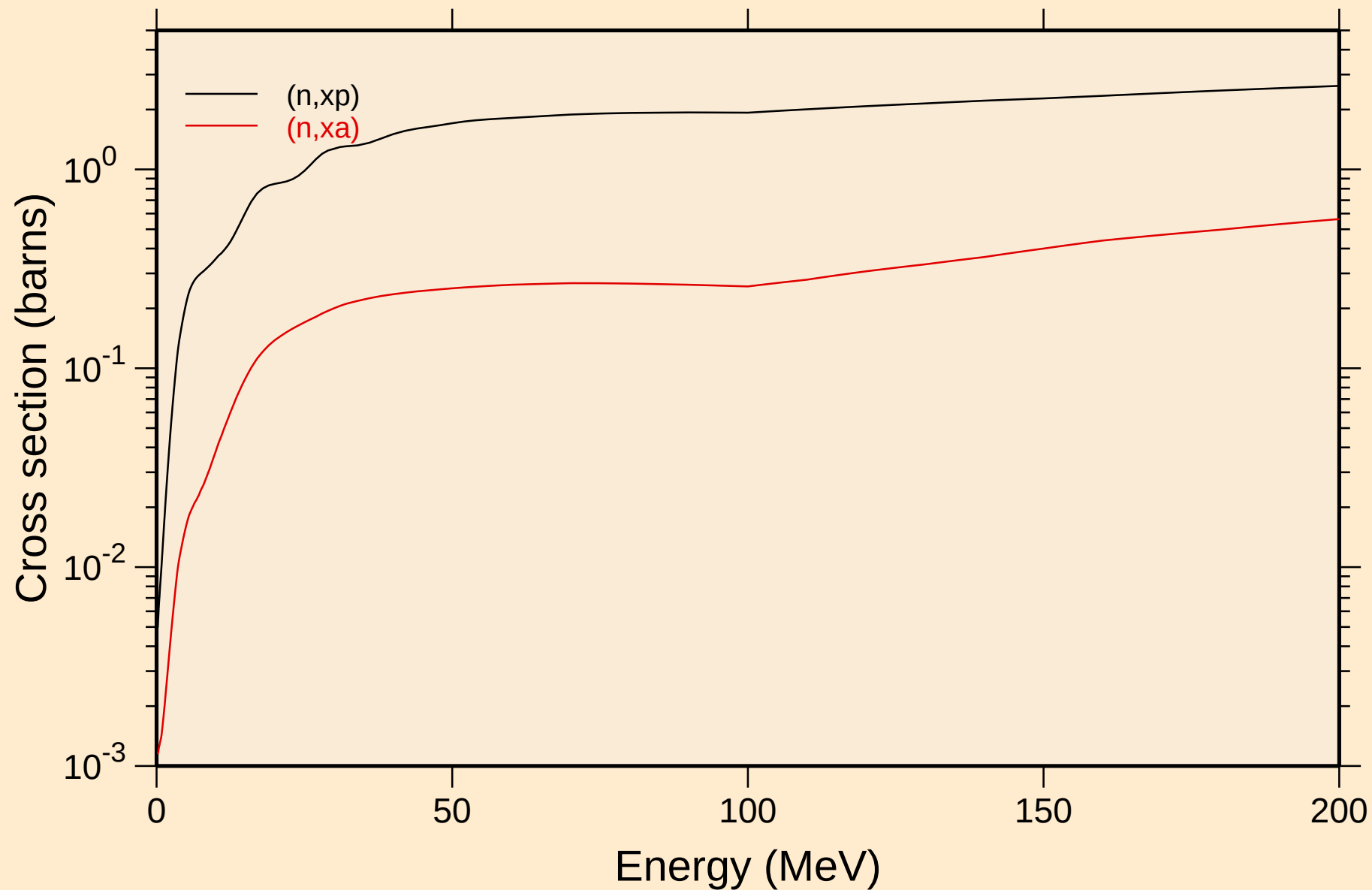
Damage



PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

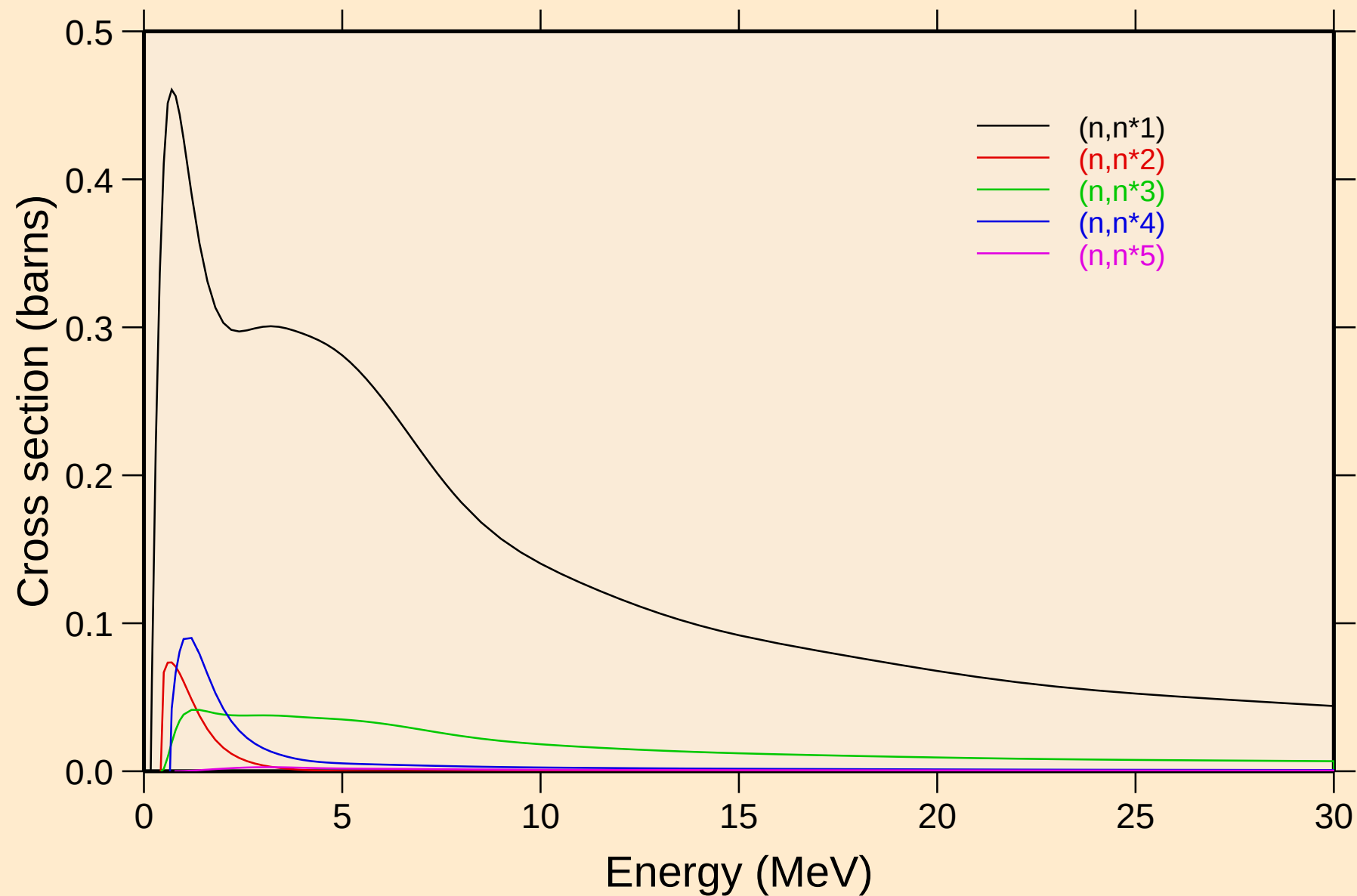


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



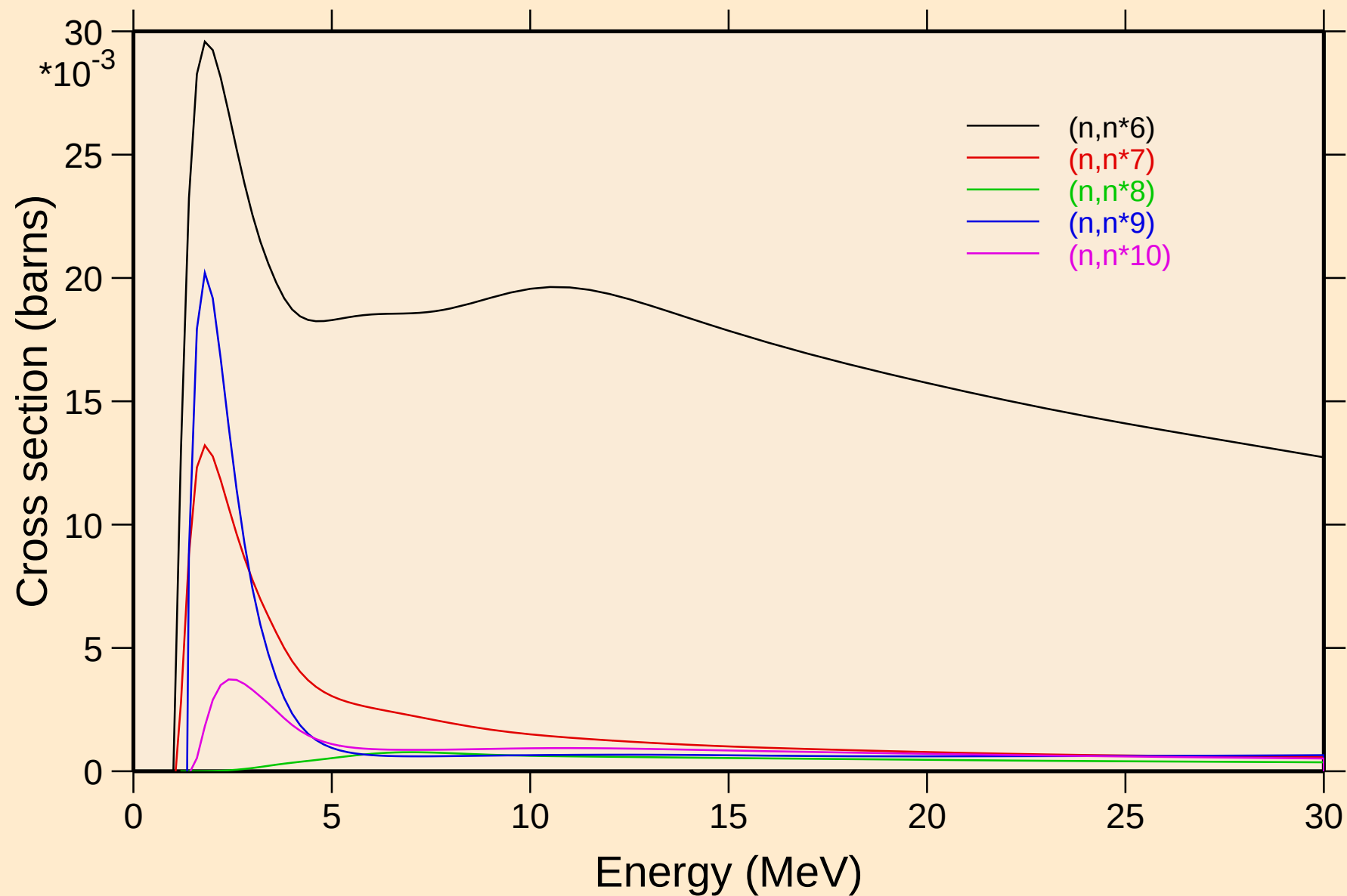
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

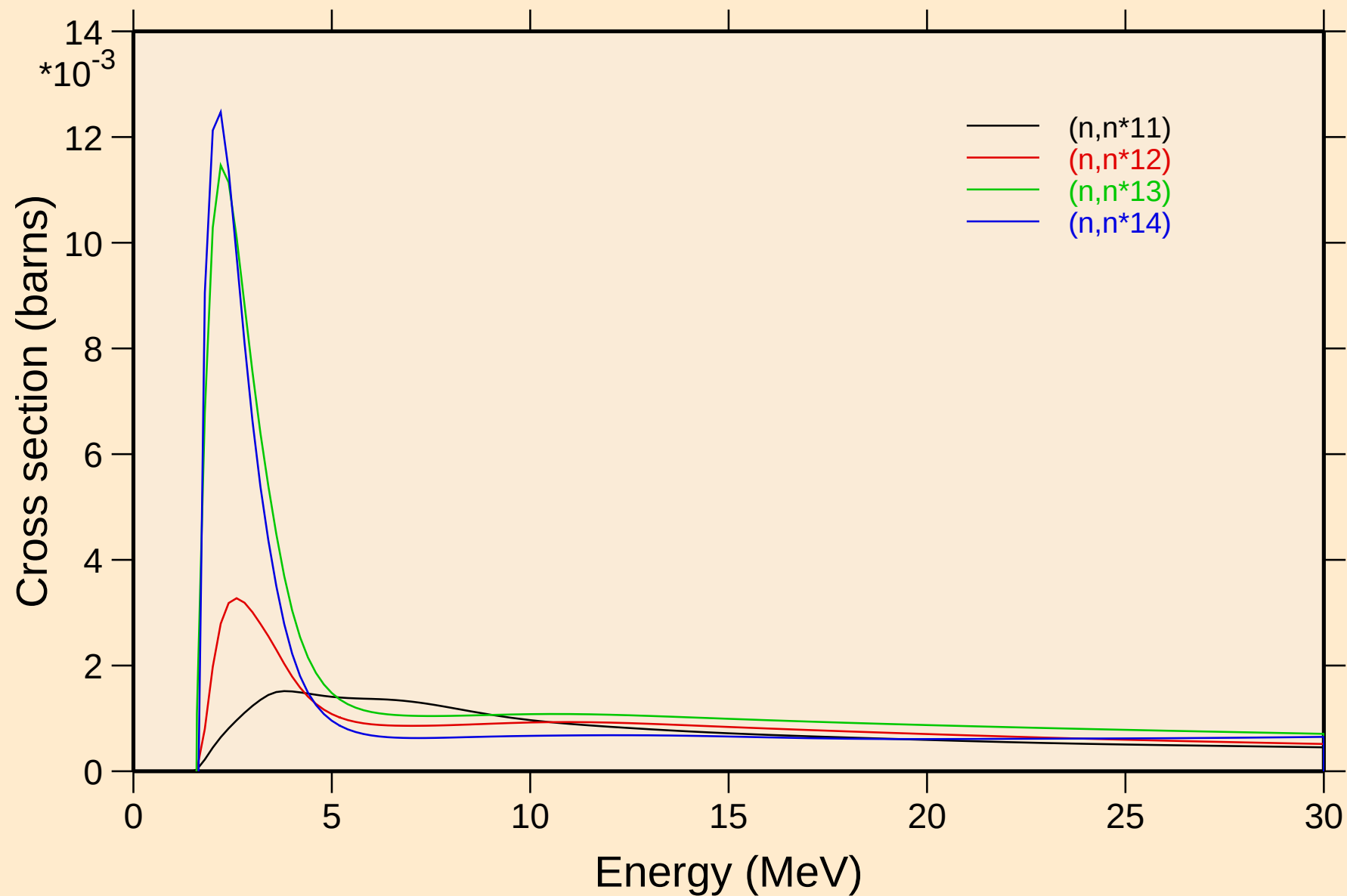


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Inelastic levels

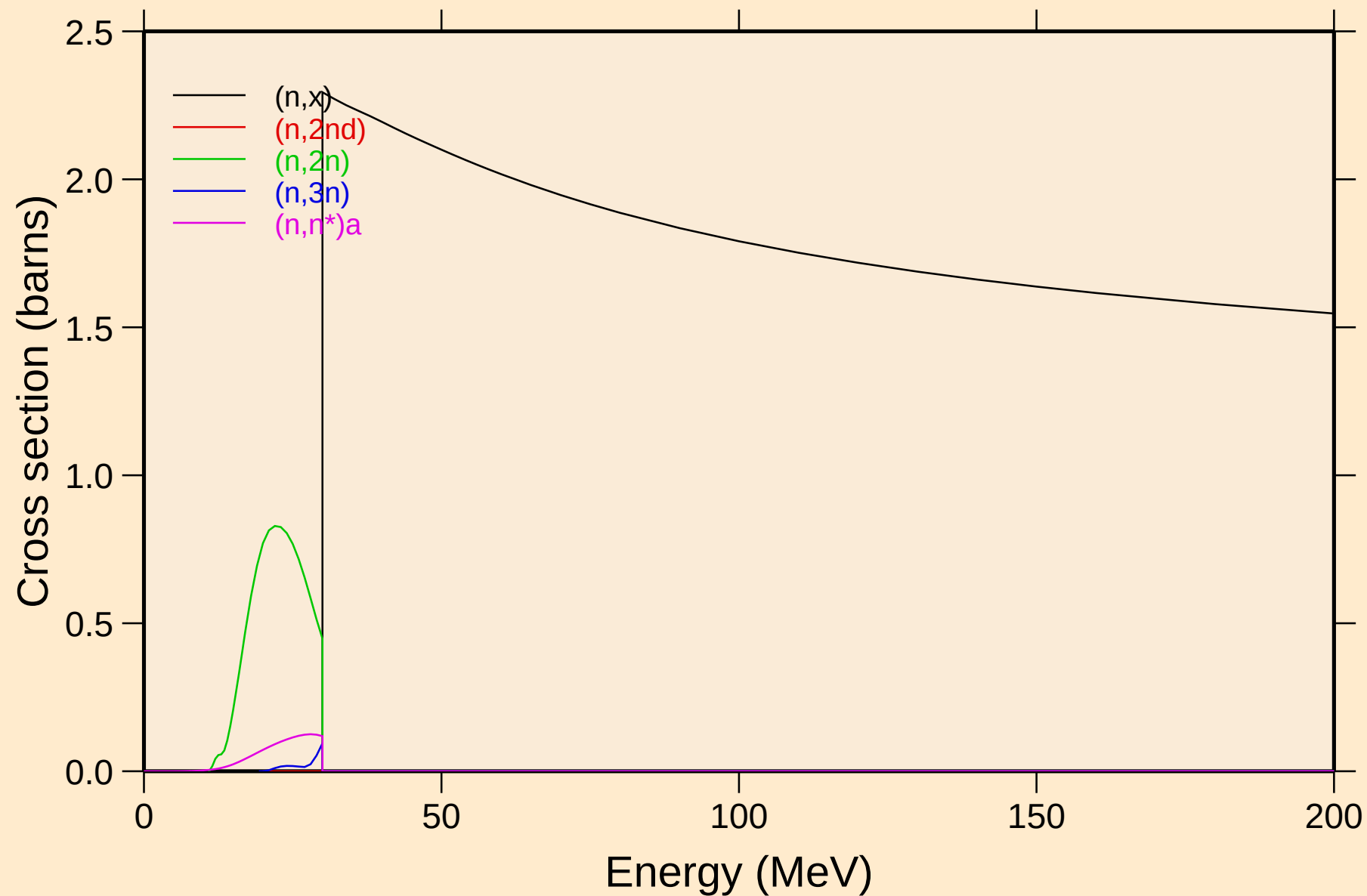


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels

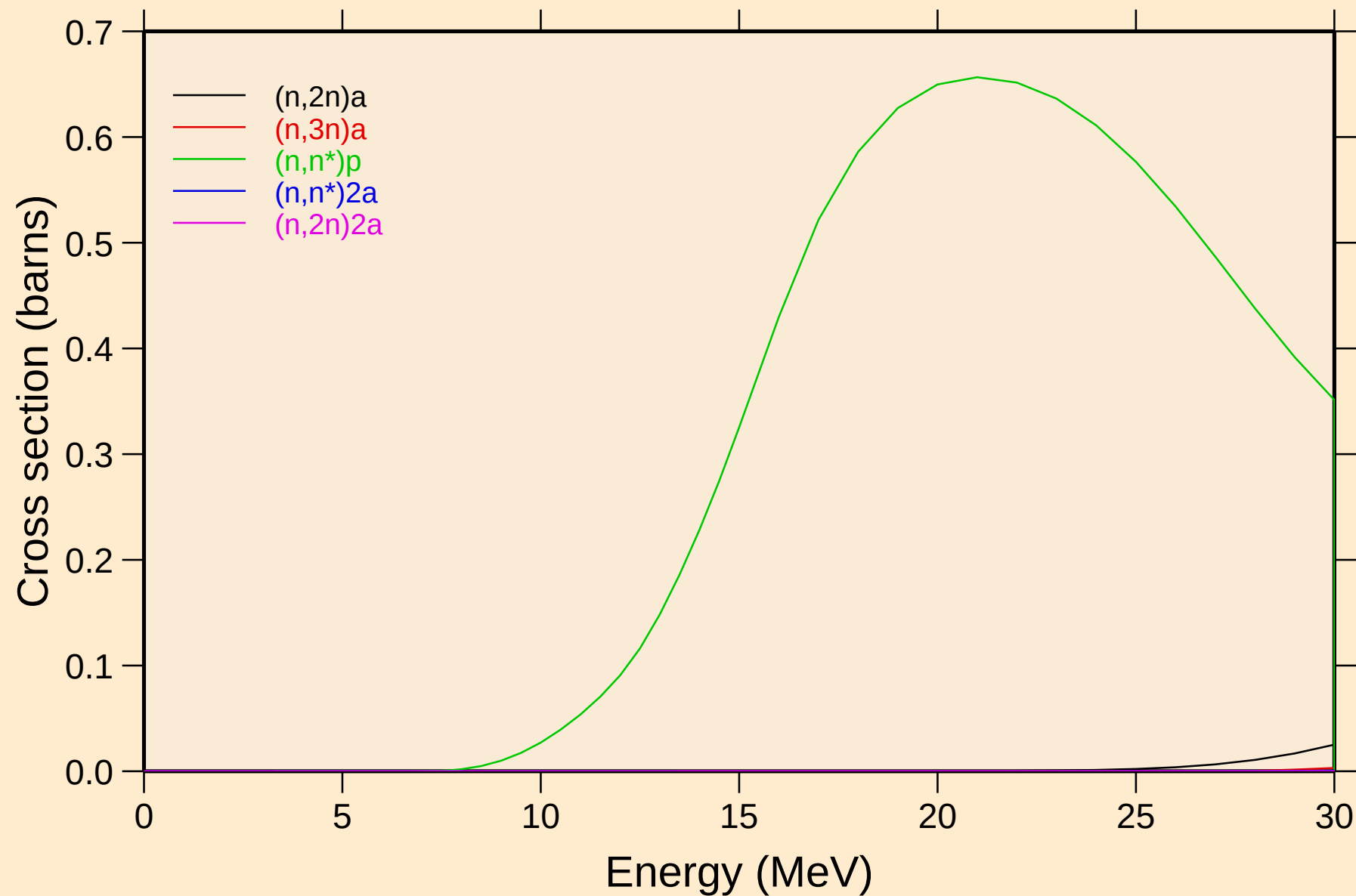


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

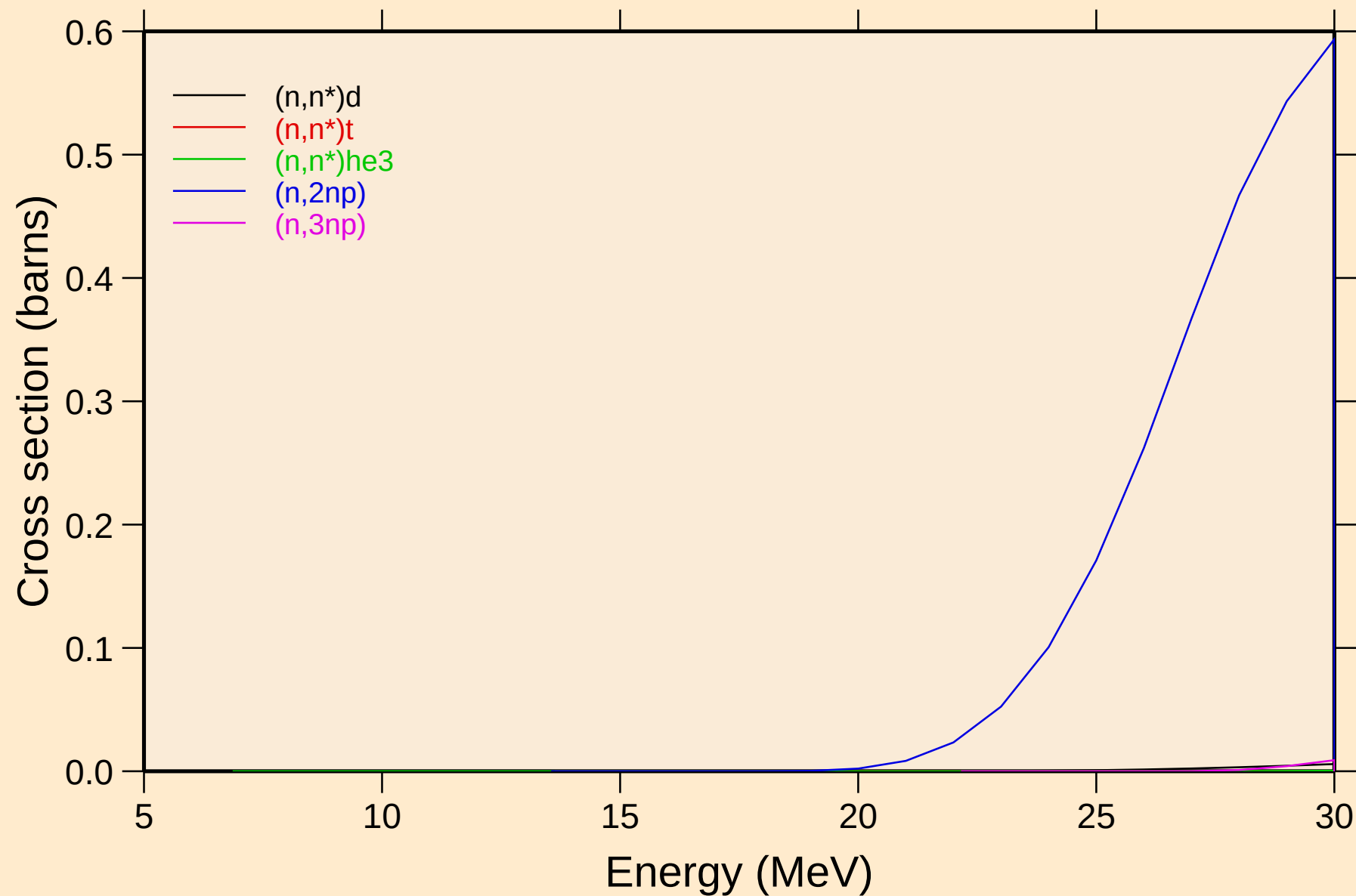
Threshold reactions



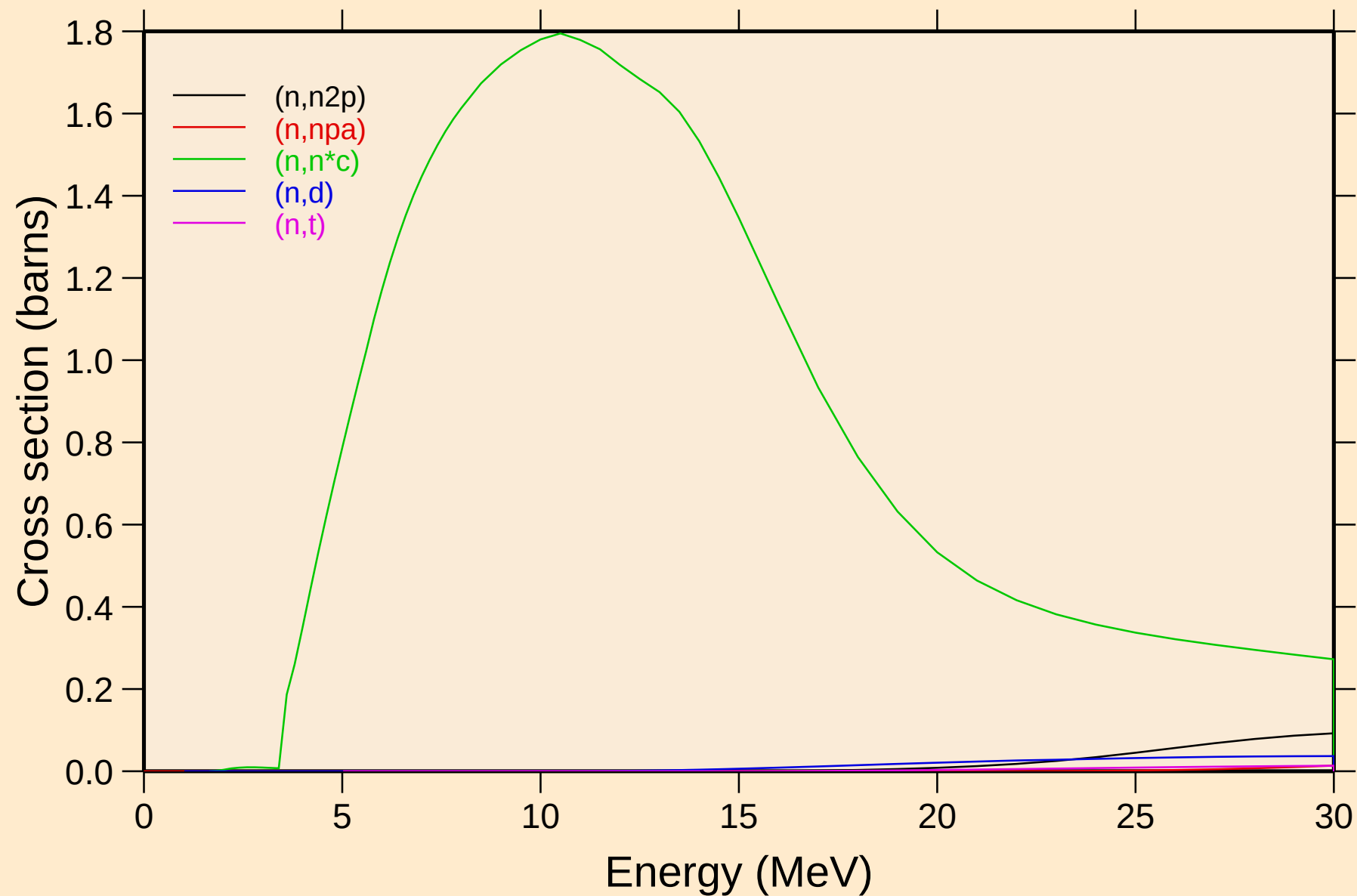
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

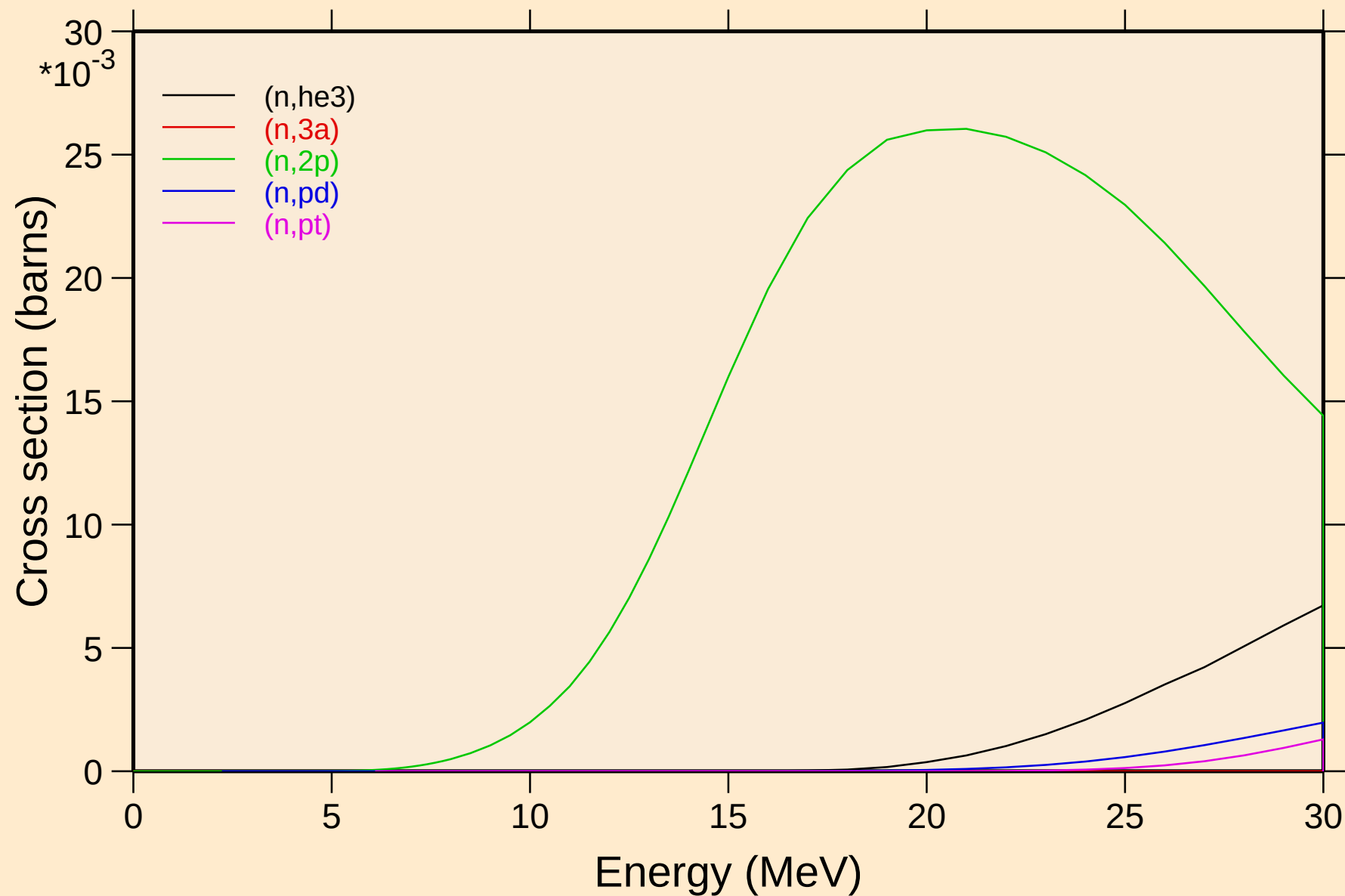


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



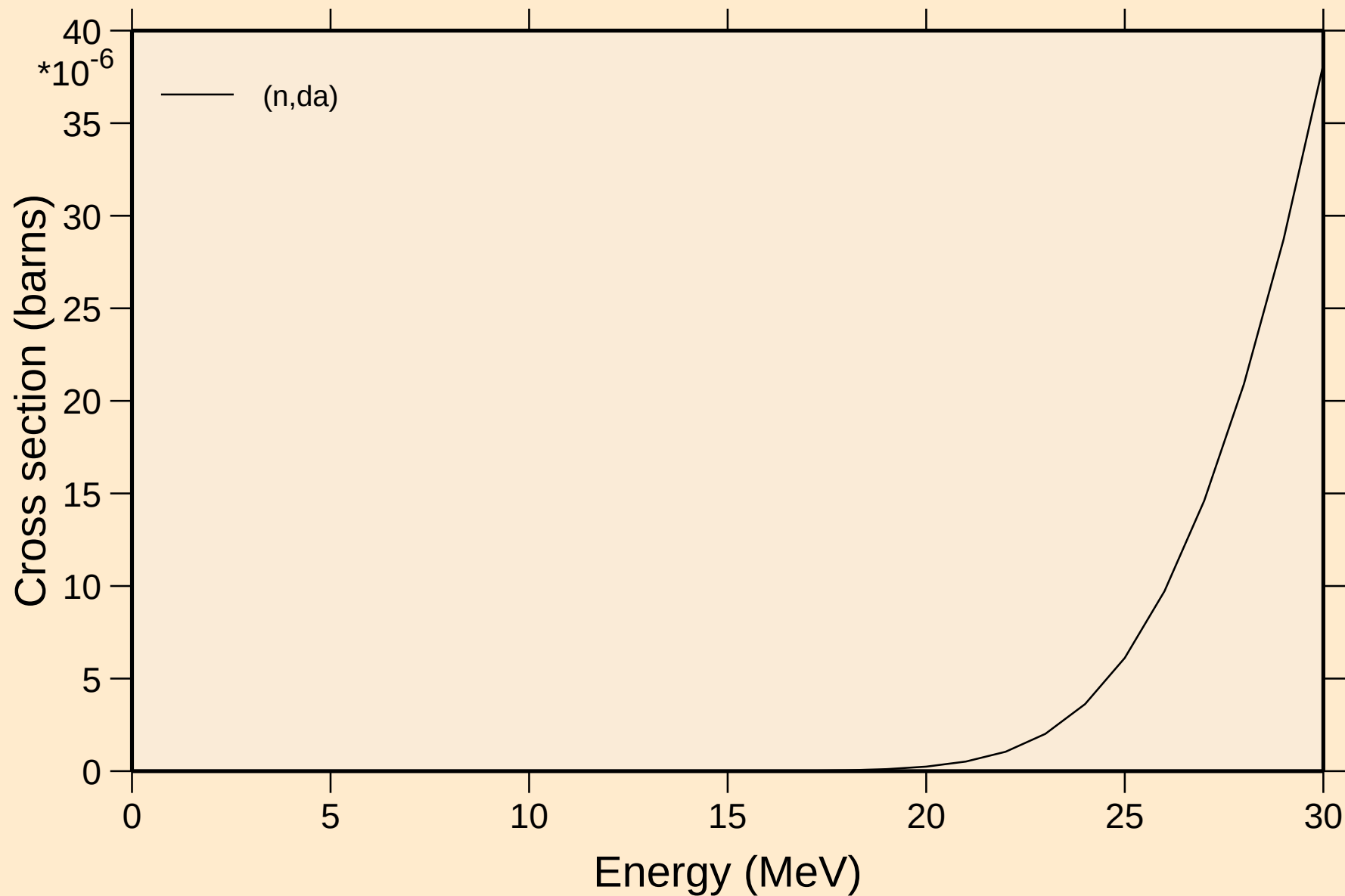
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

Threshold reactions

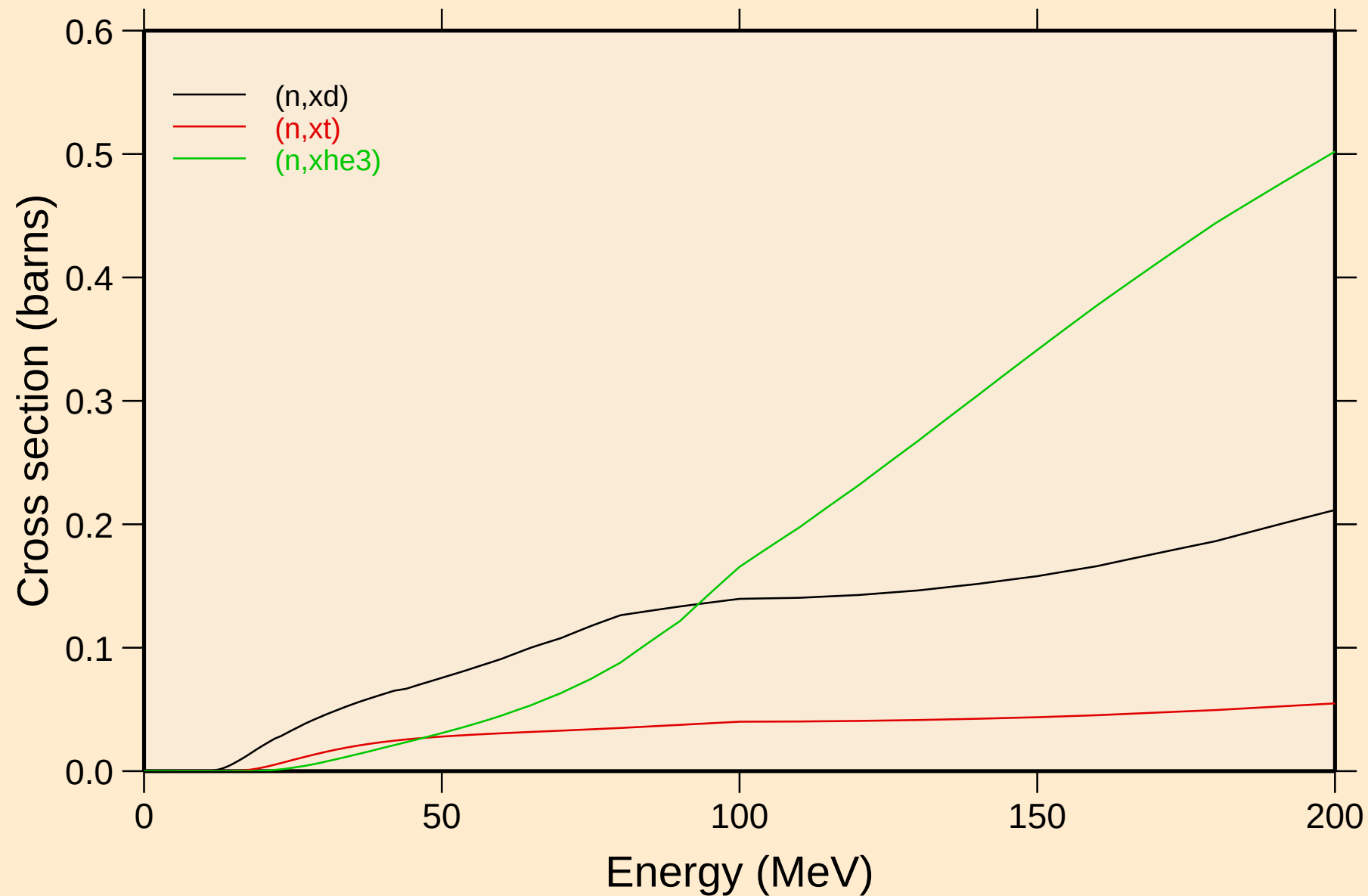


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

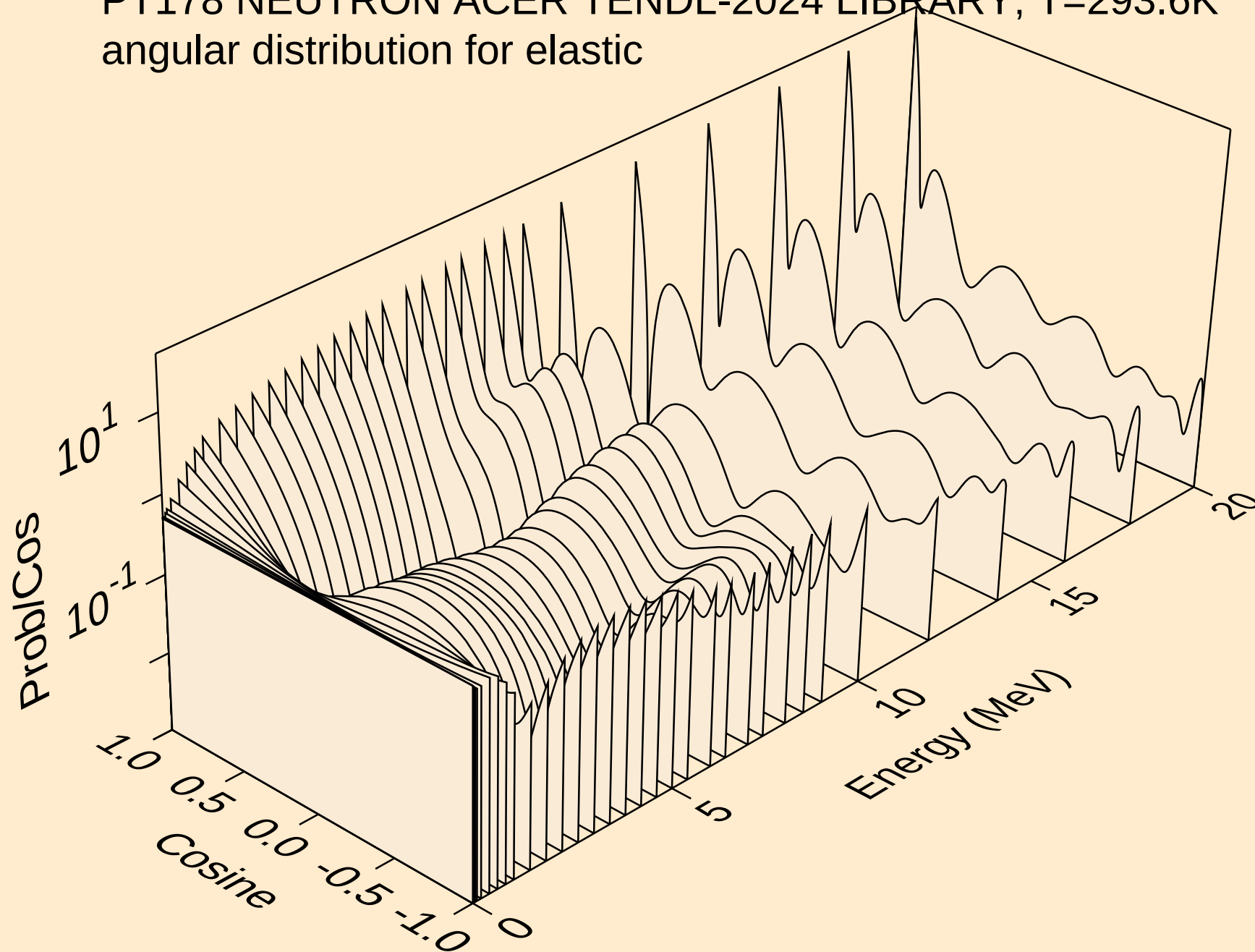
Threshold reactions



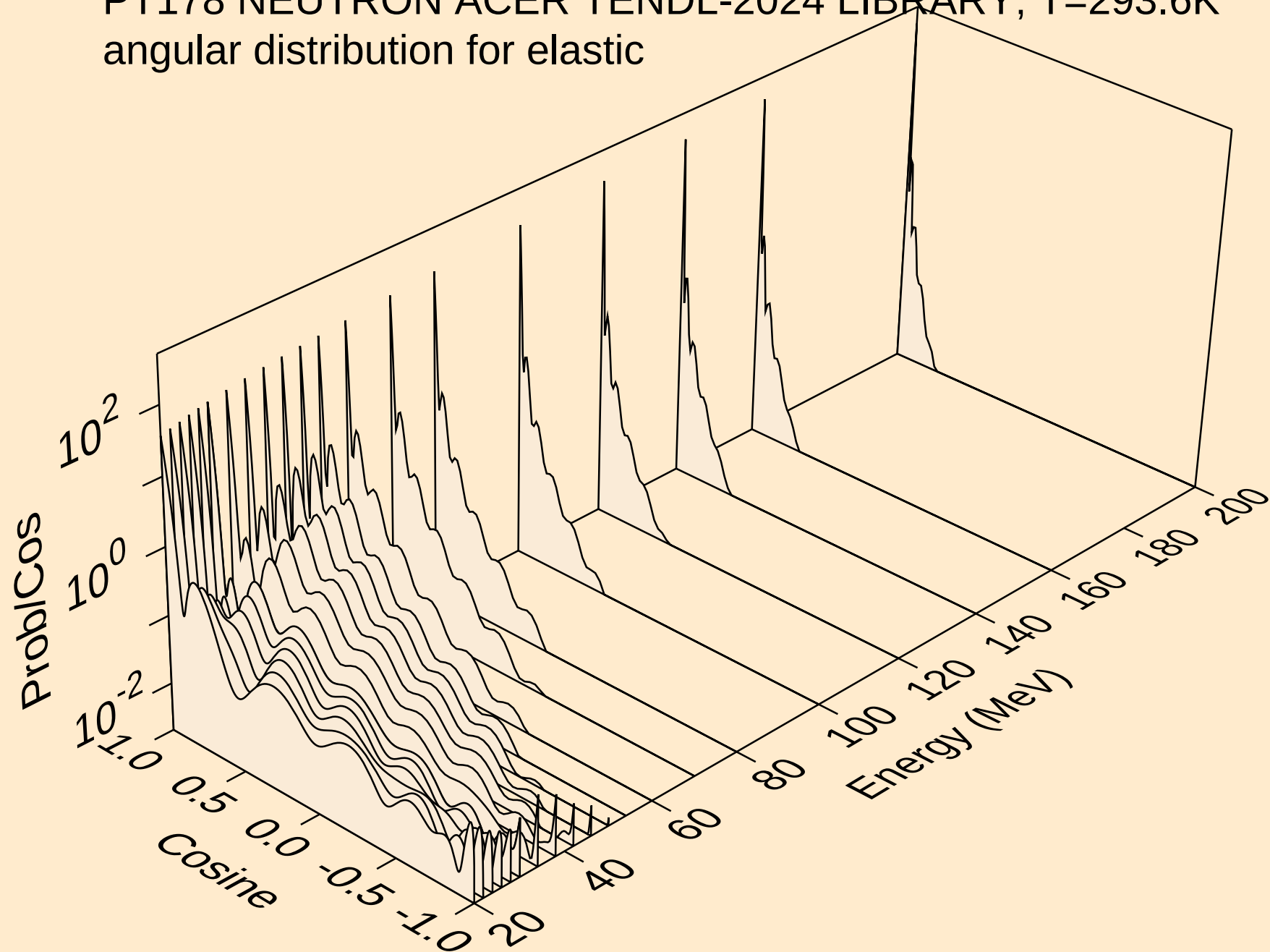
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



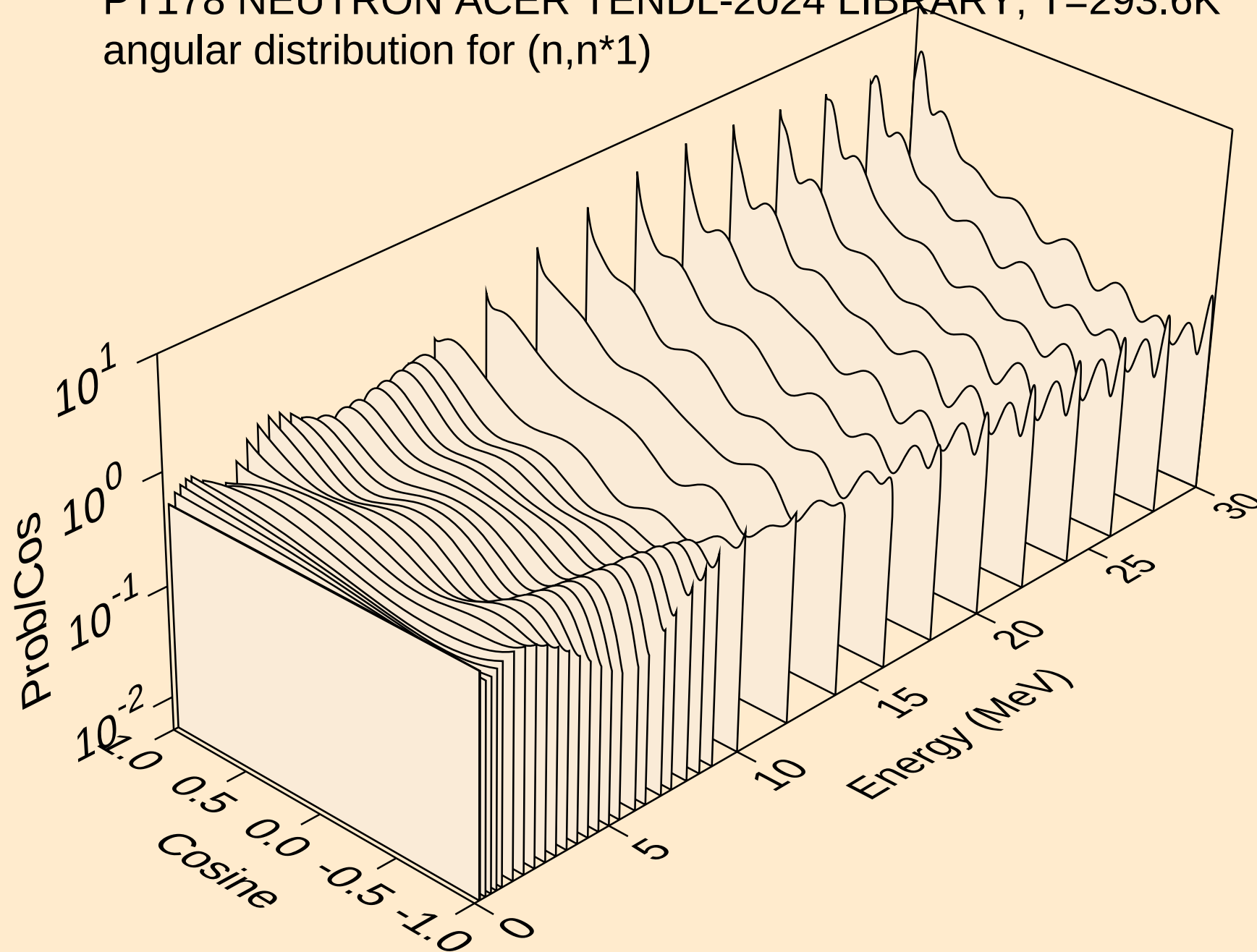
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



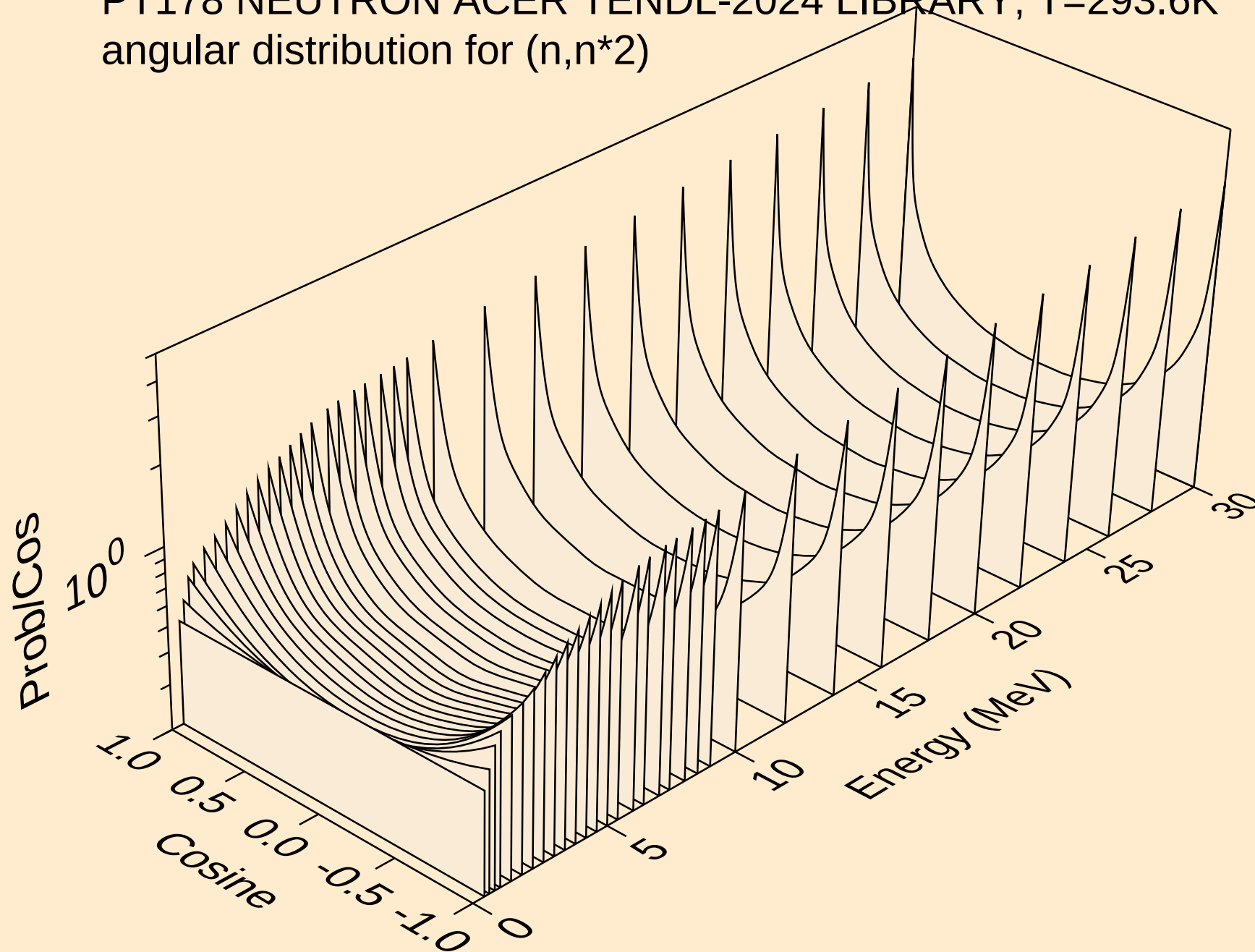
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



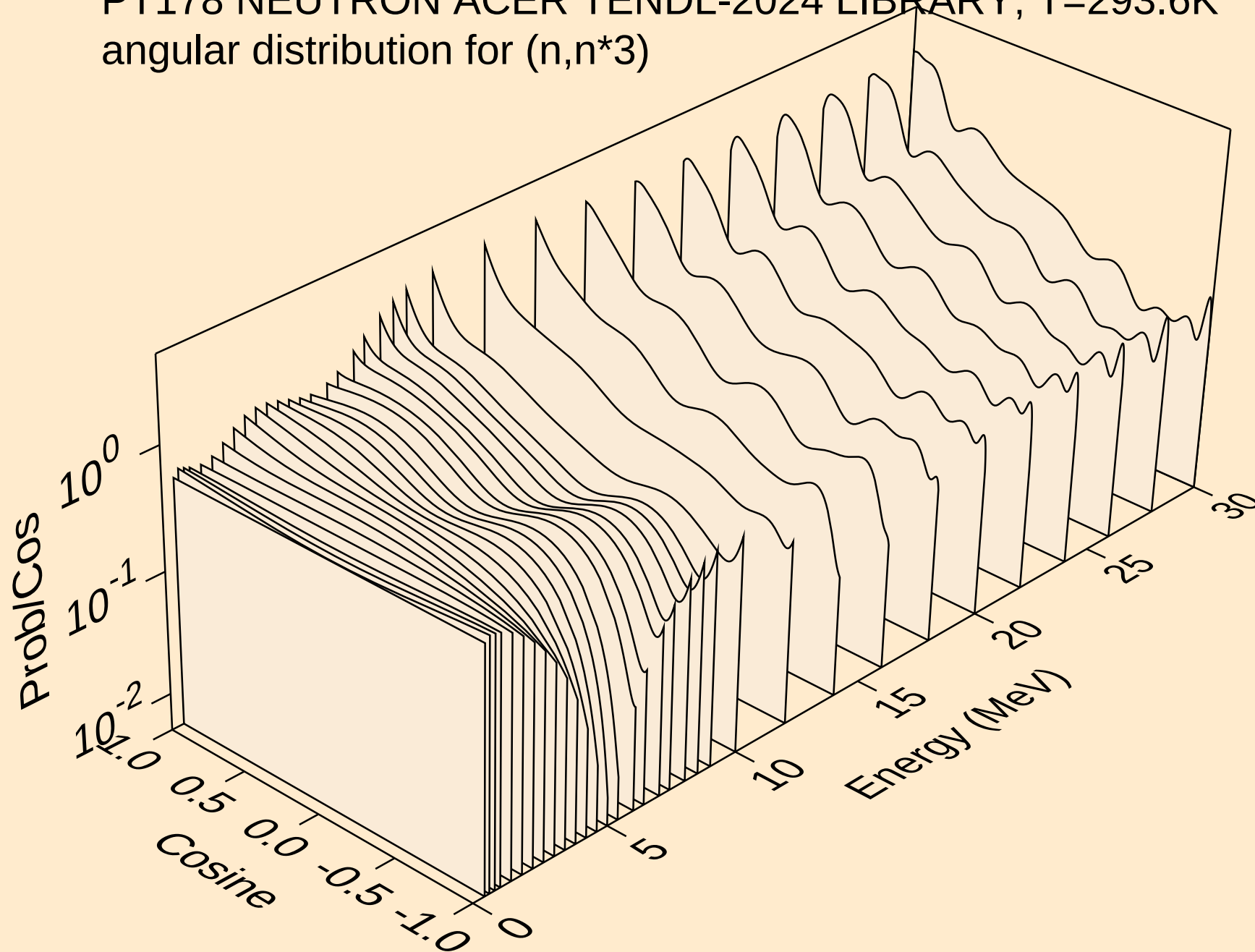
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



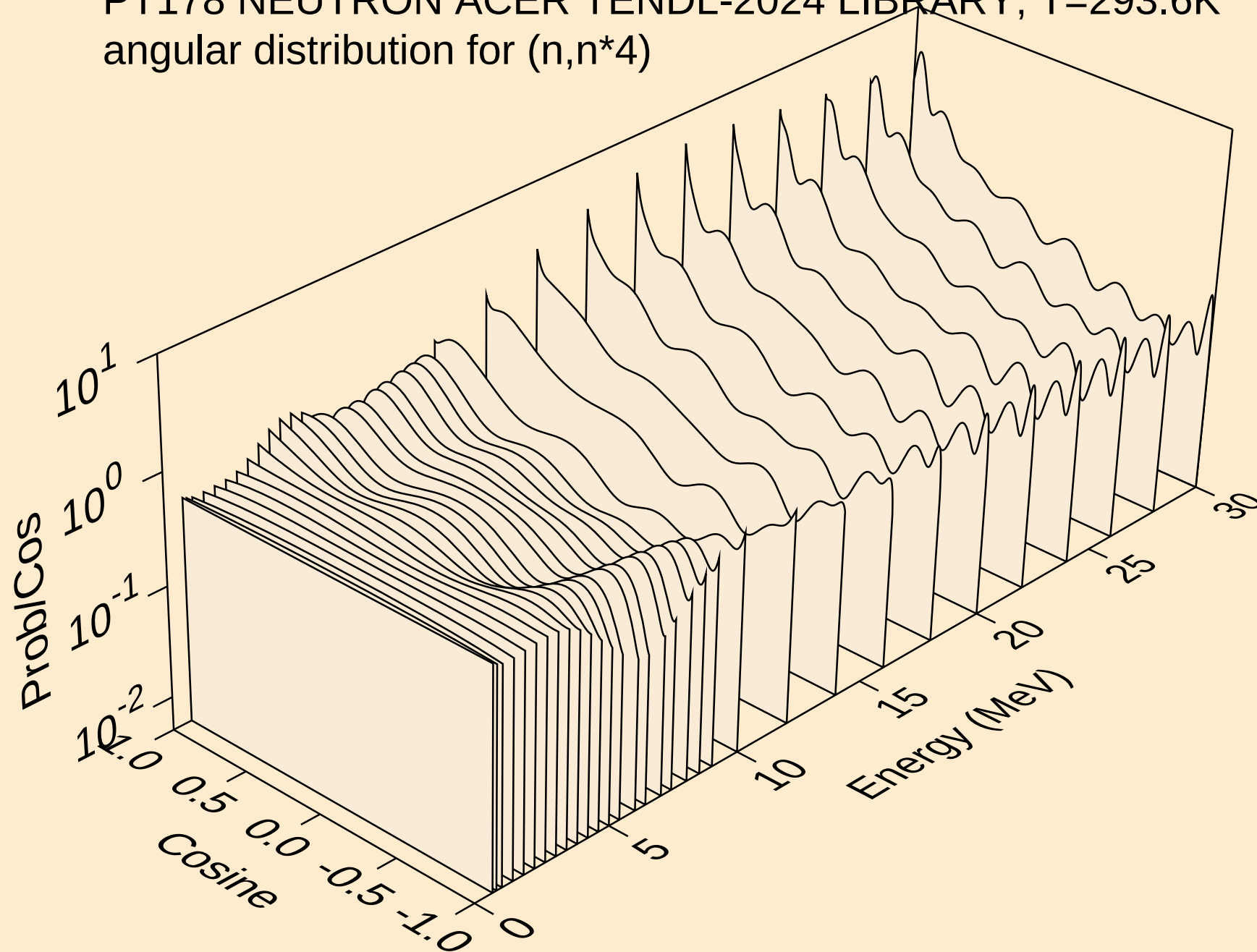
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



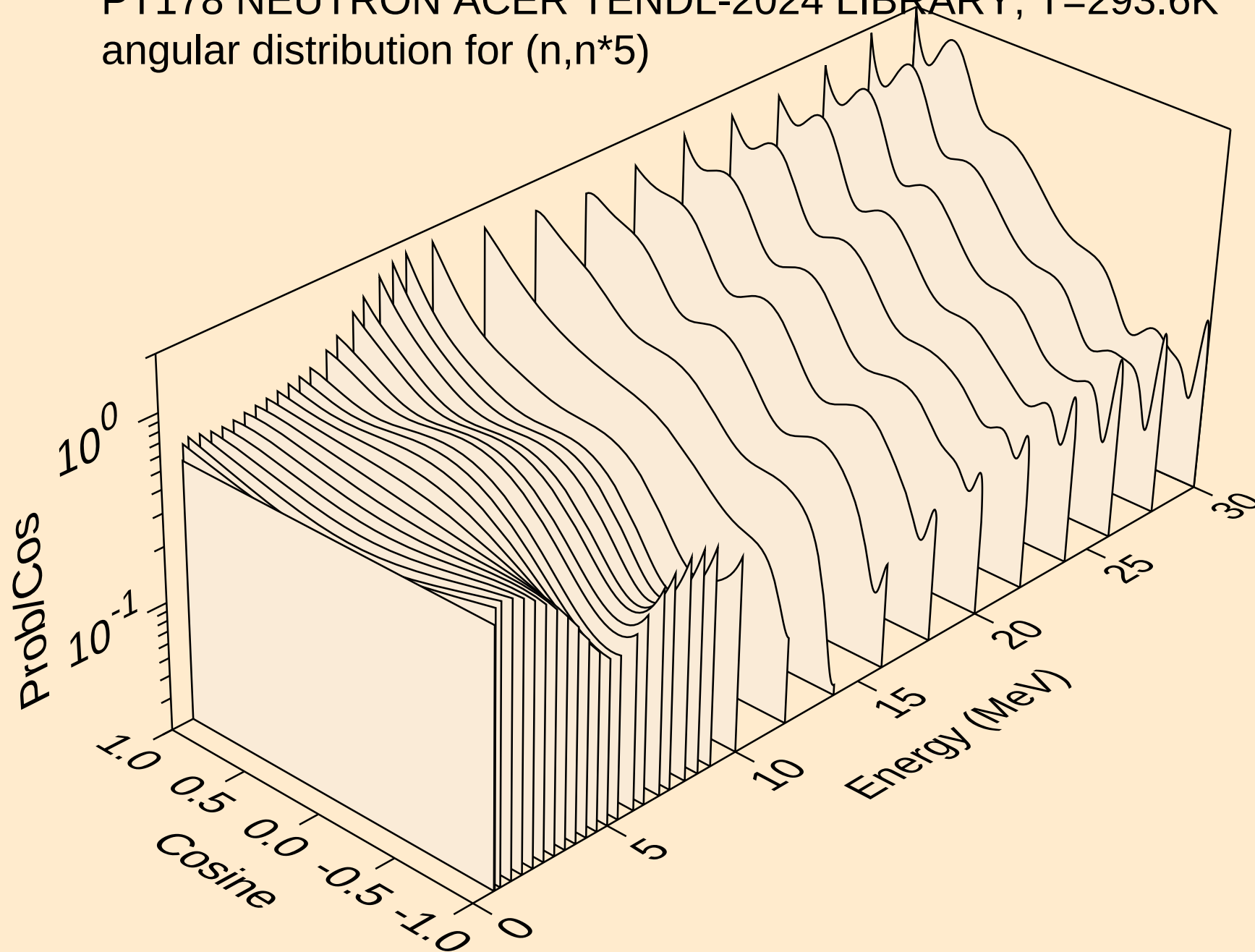
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



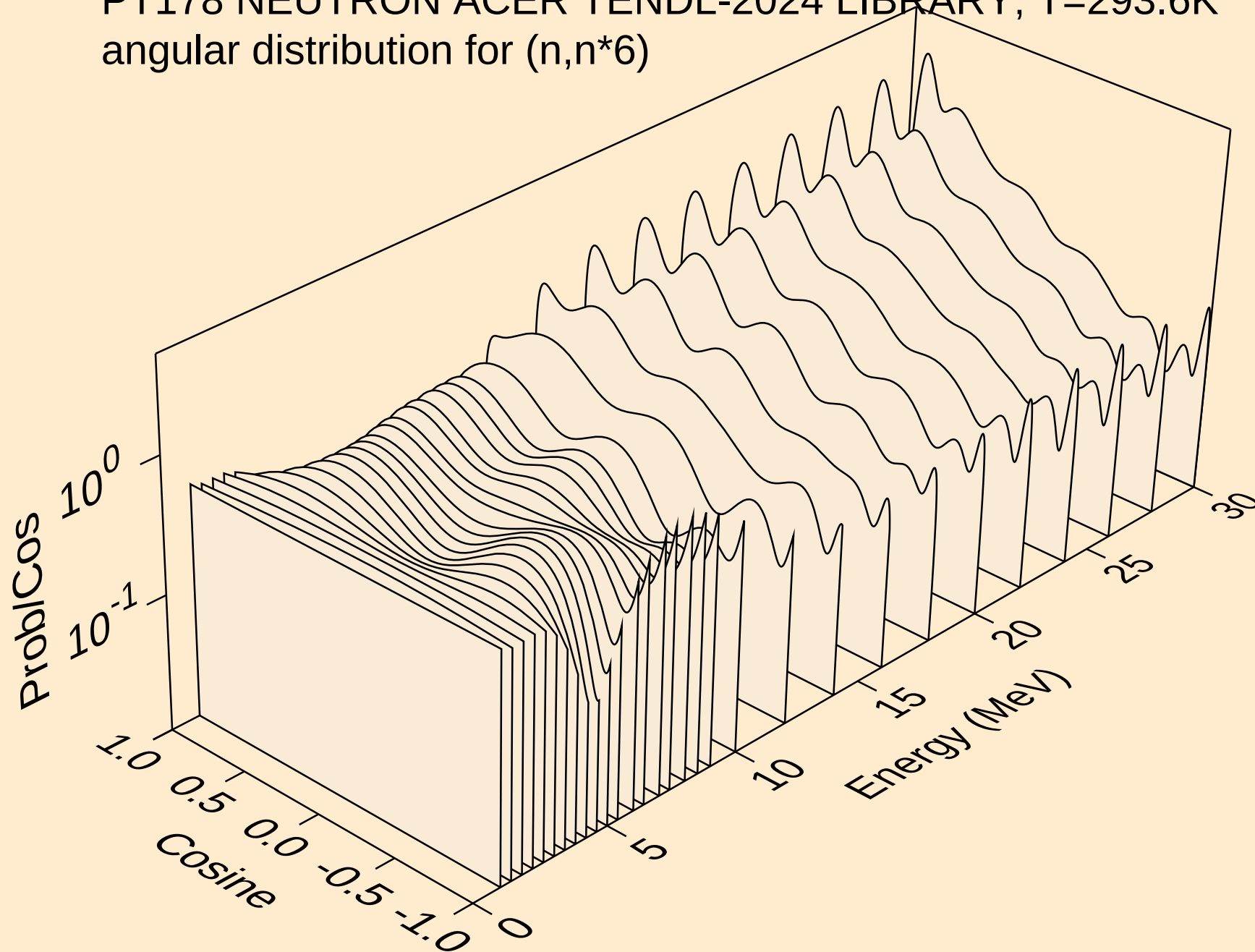
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



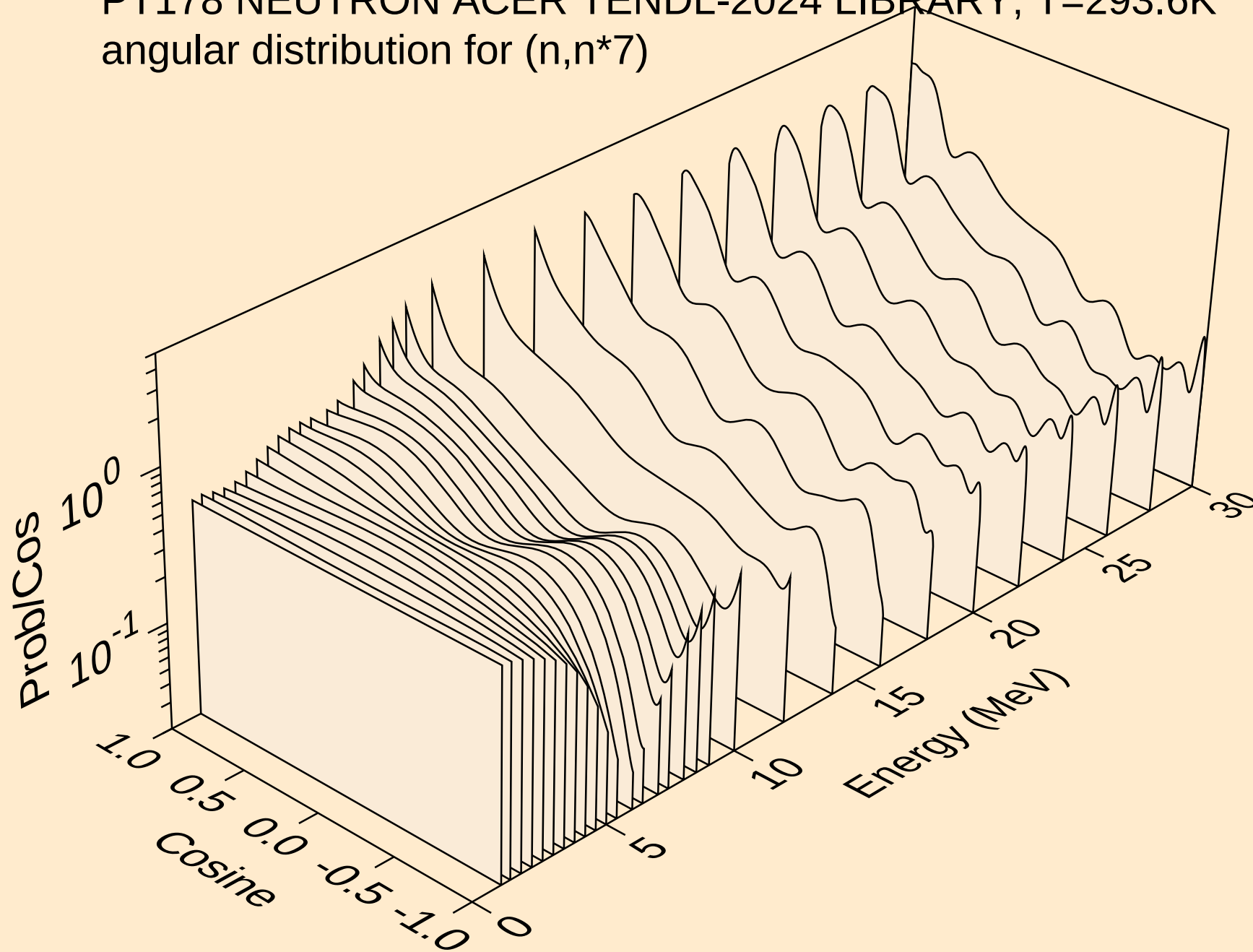
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



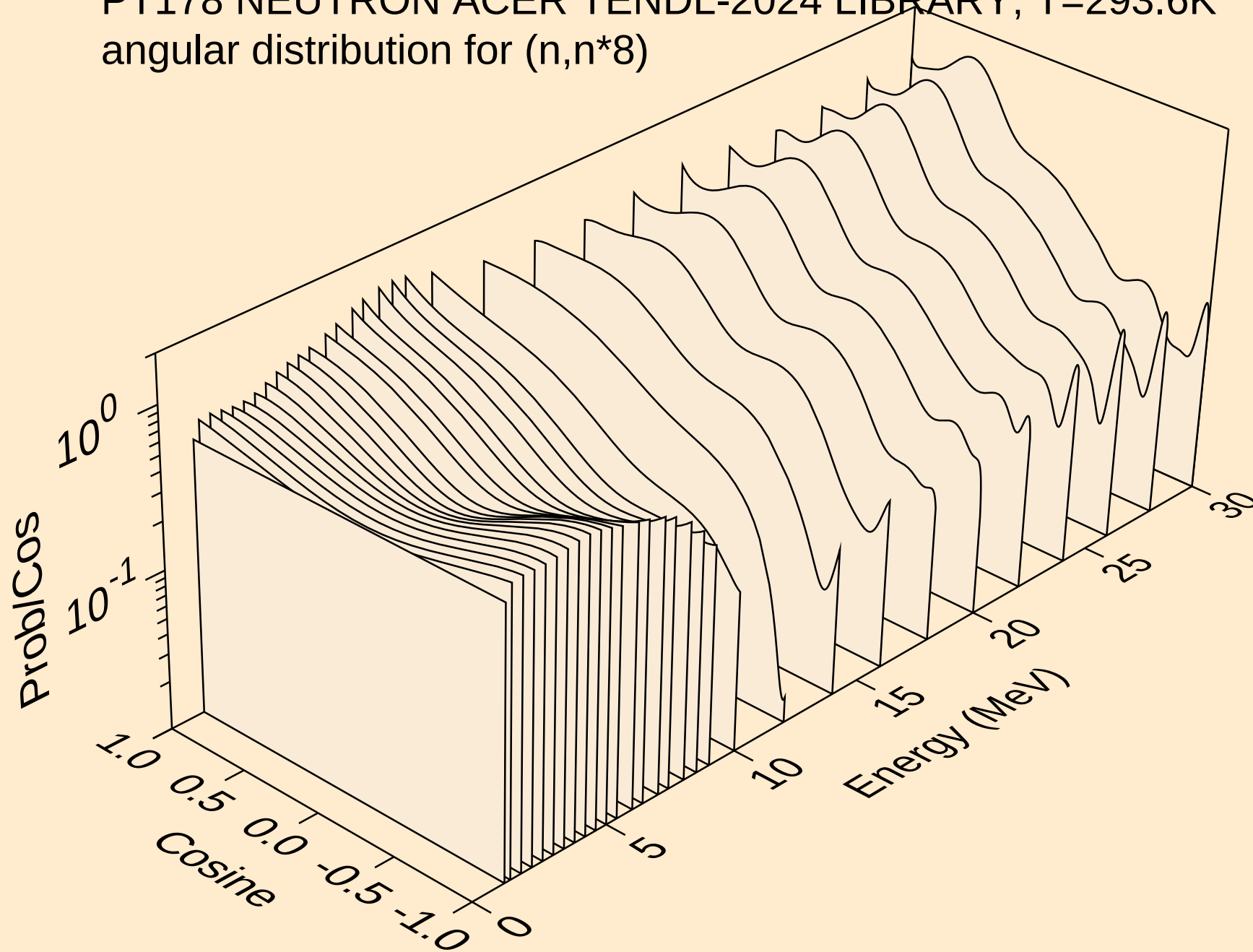
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



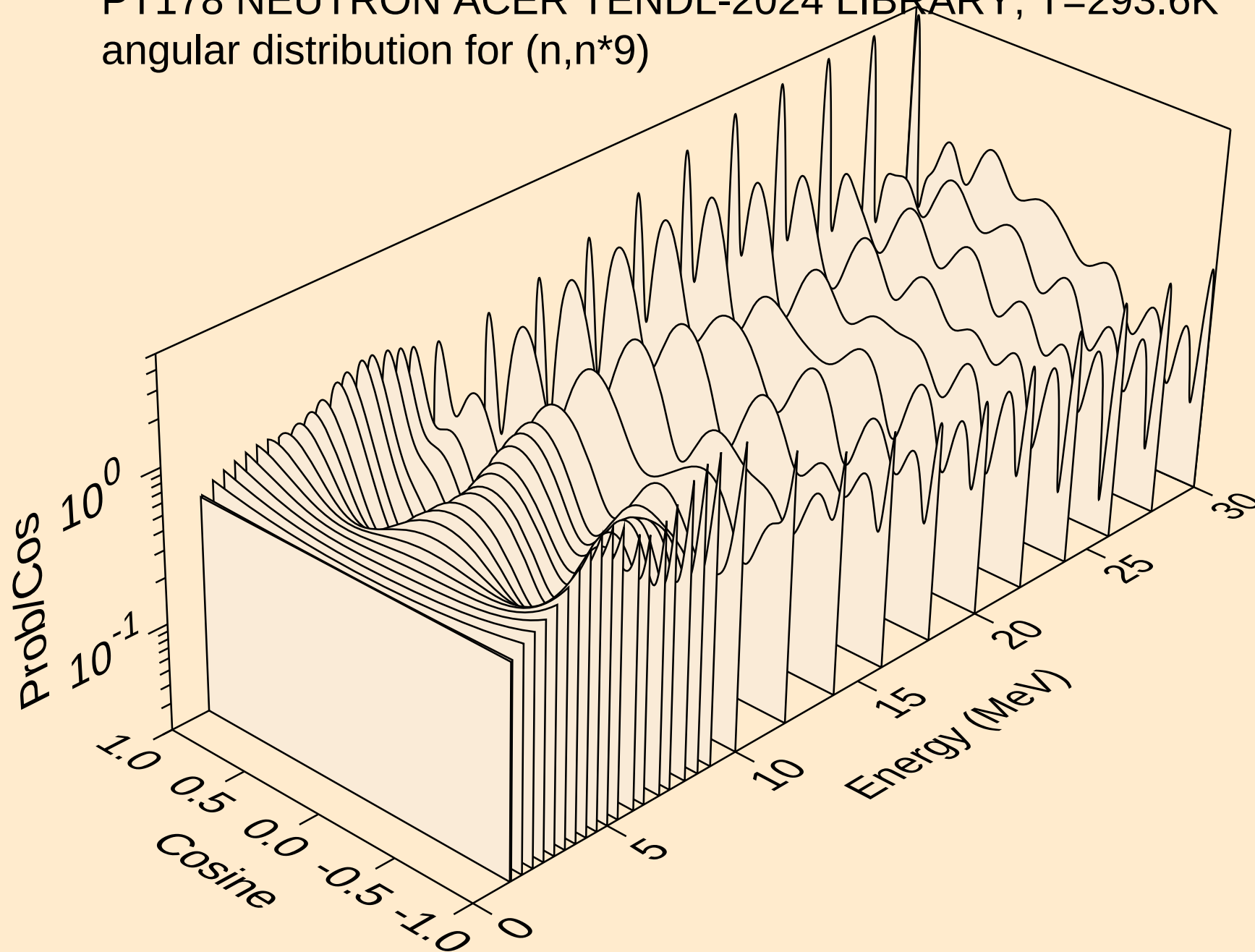
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*7)



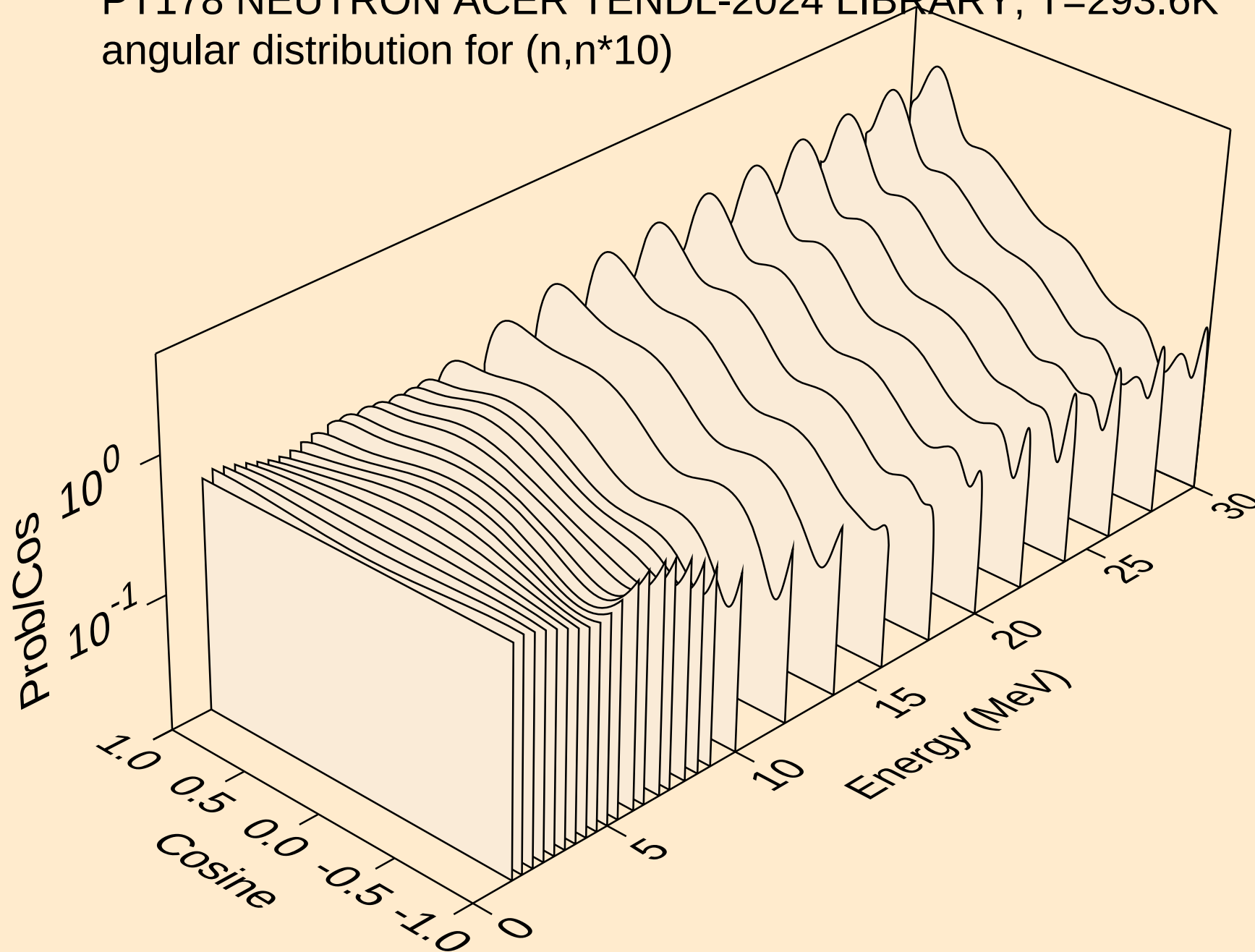
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*8)



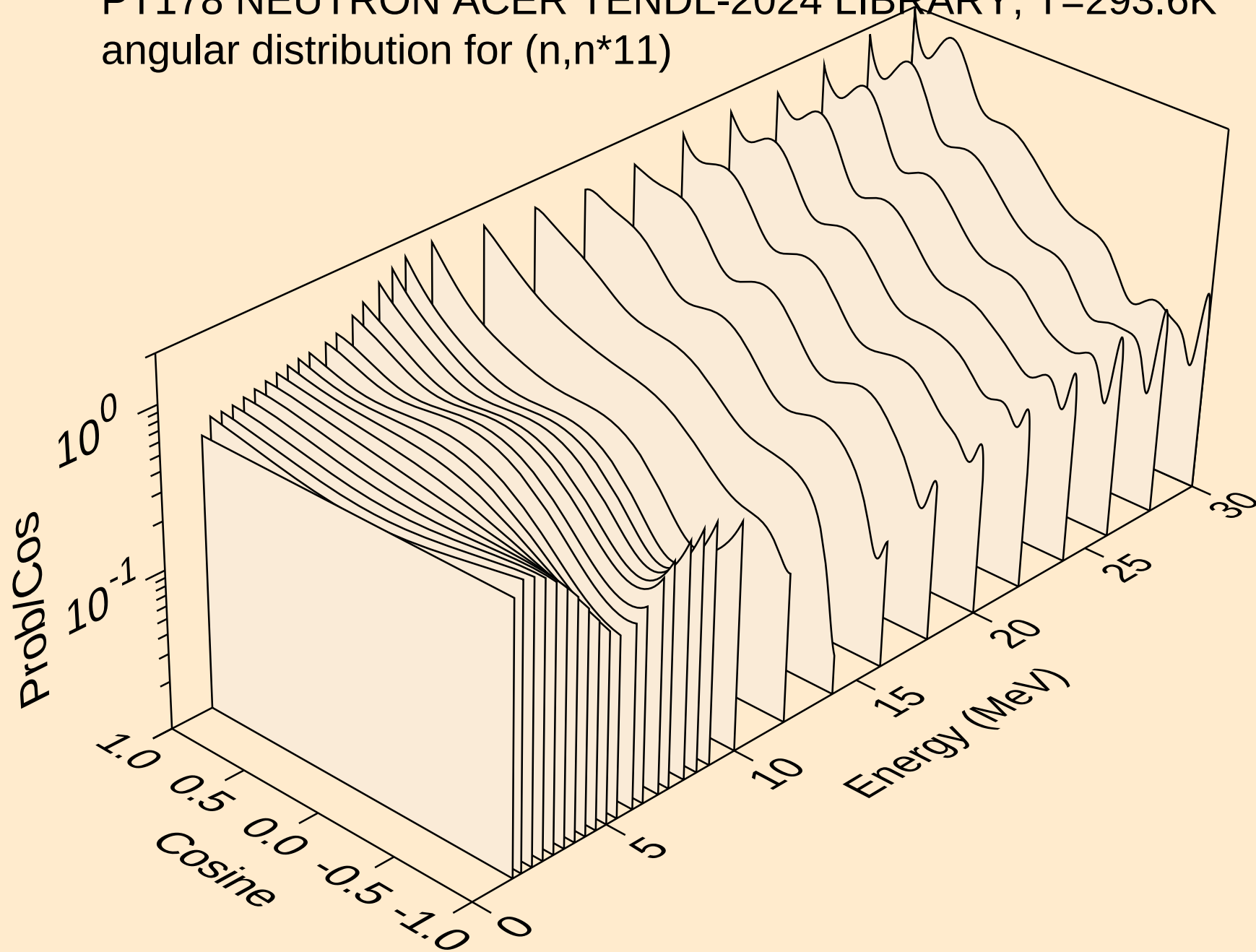
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*9)



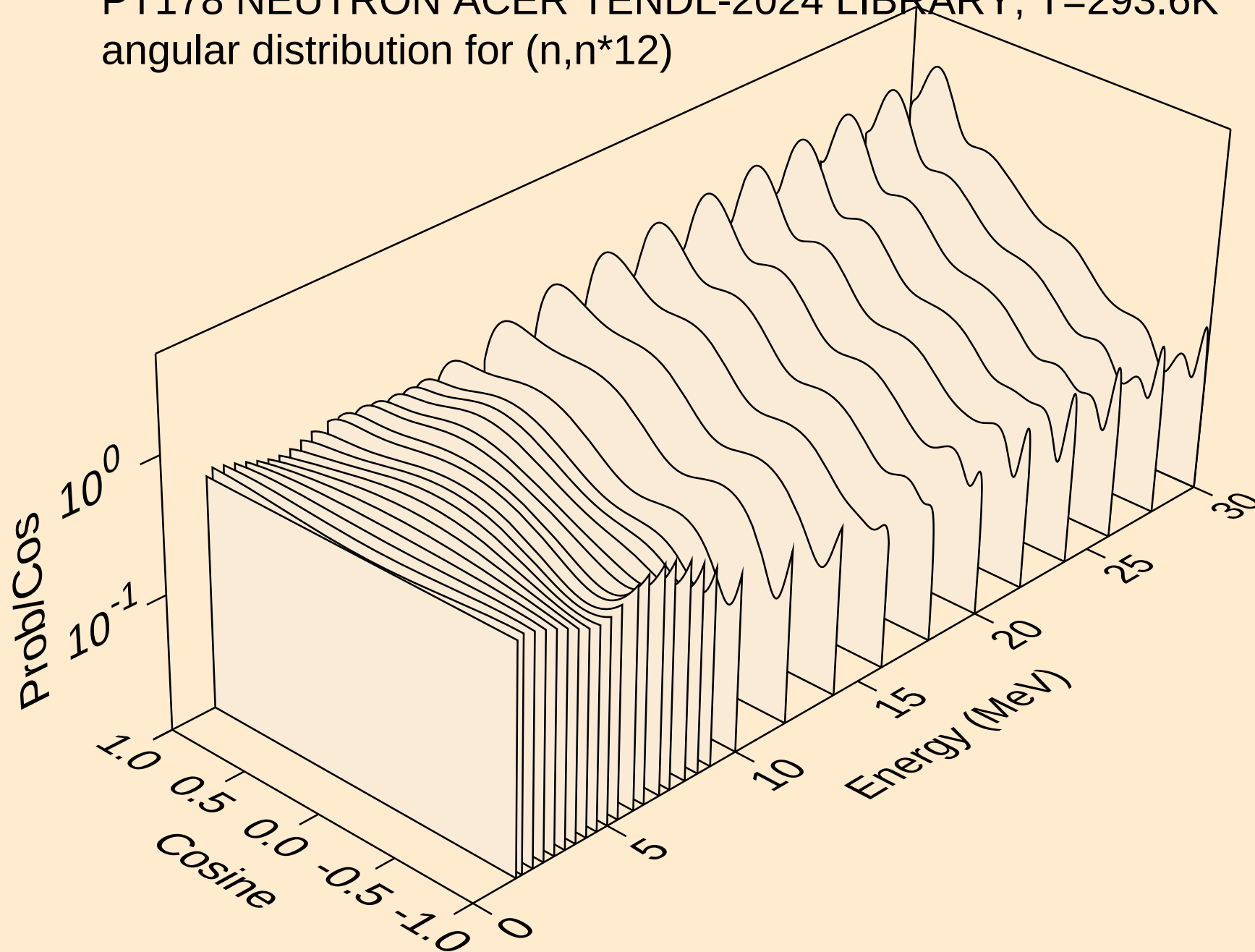
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*10)



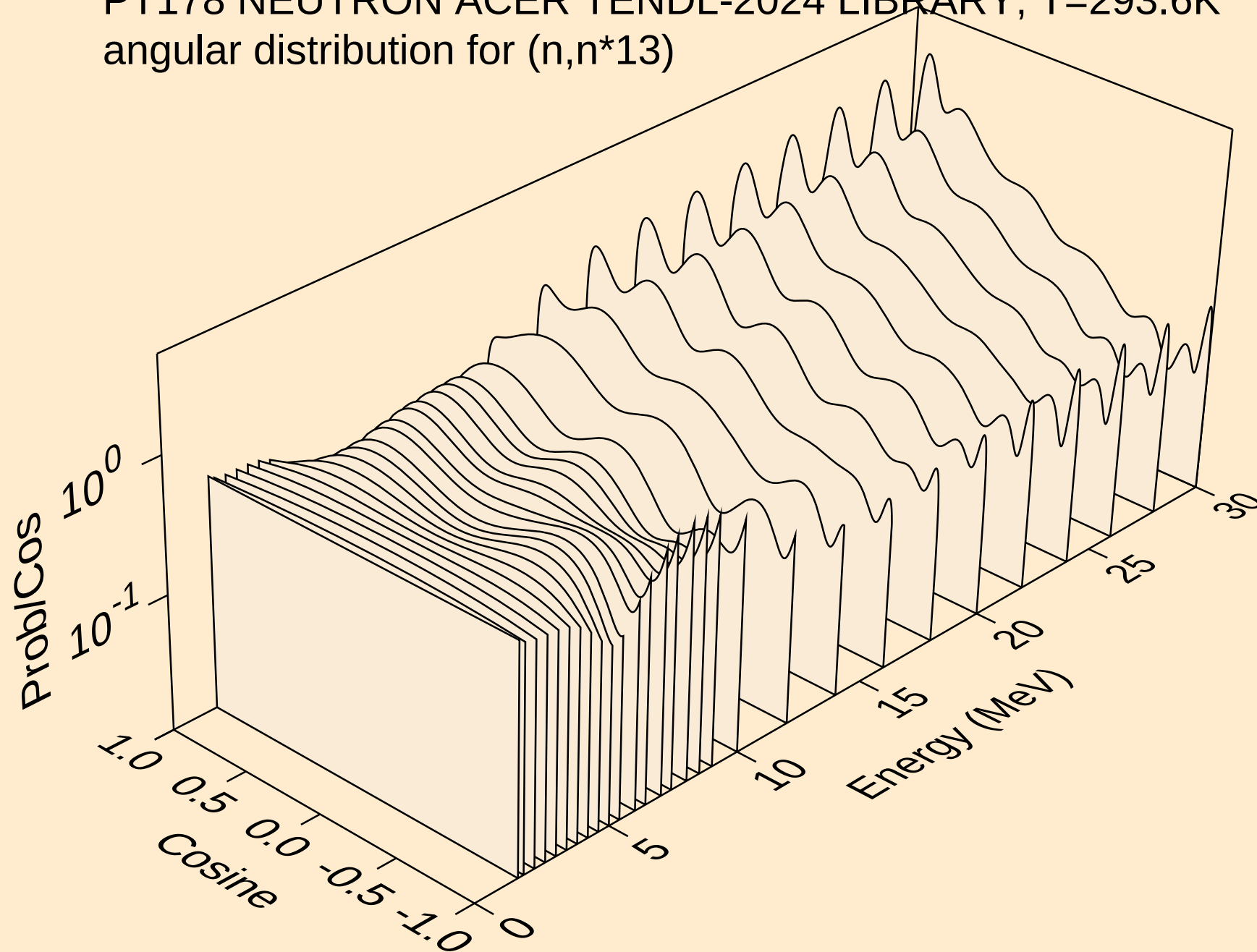
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*11)



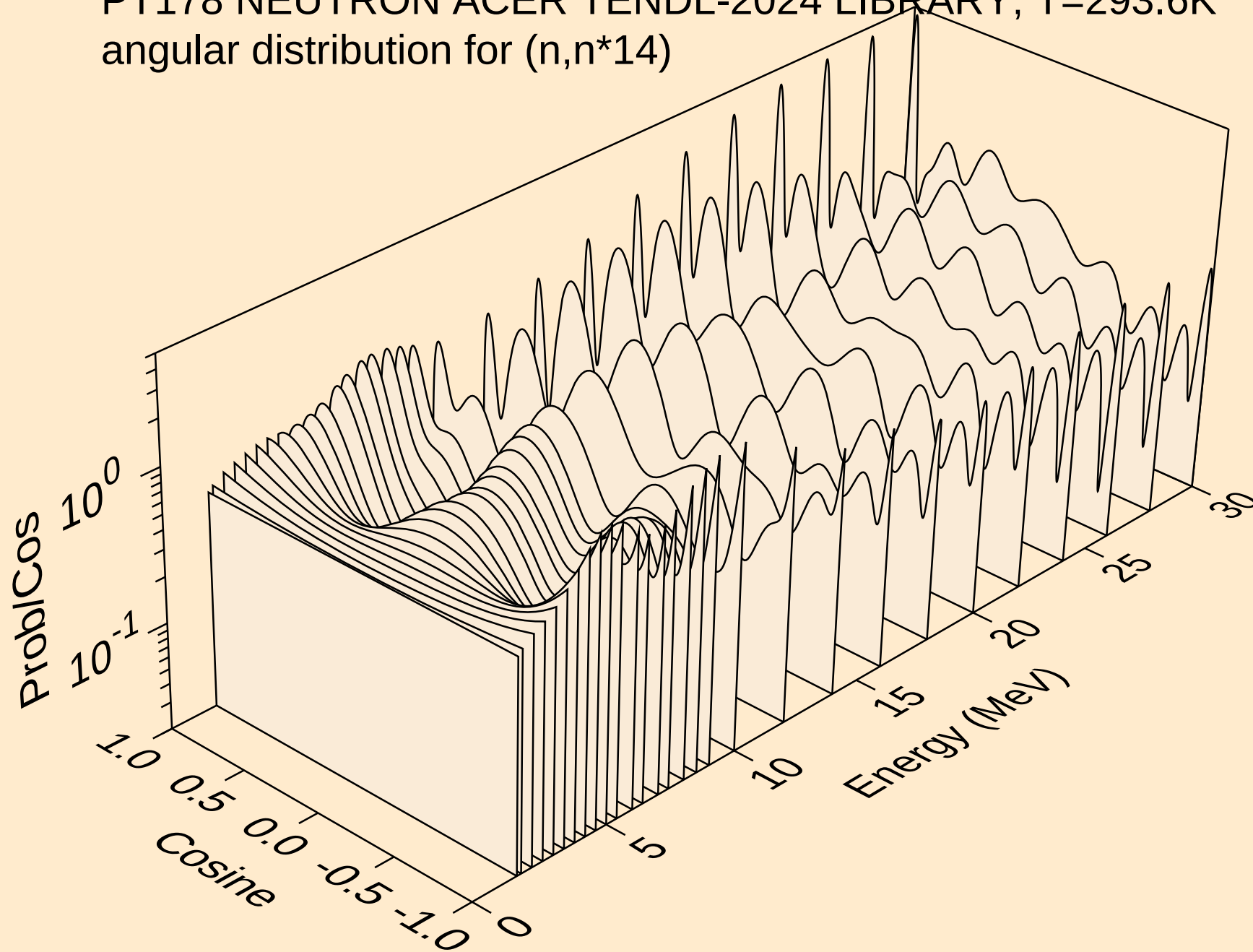
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*12)



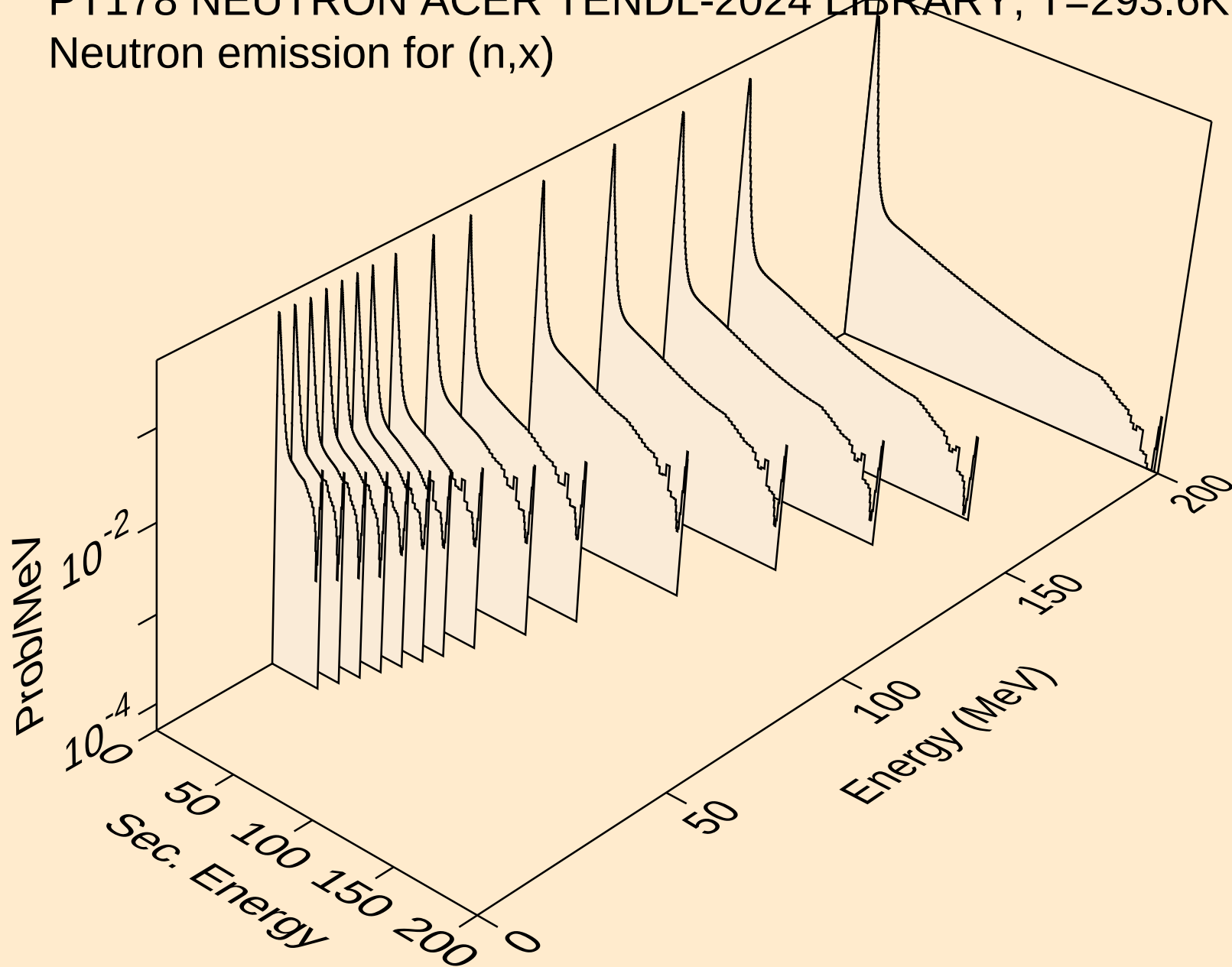
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*13)



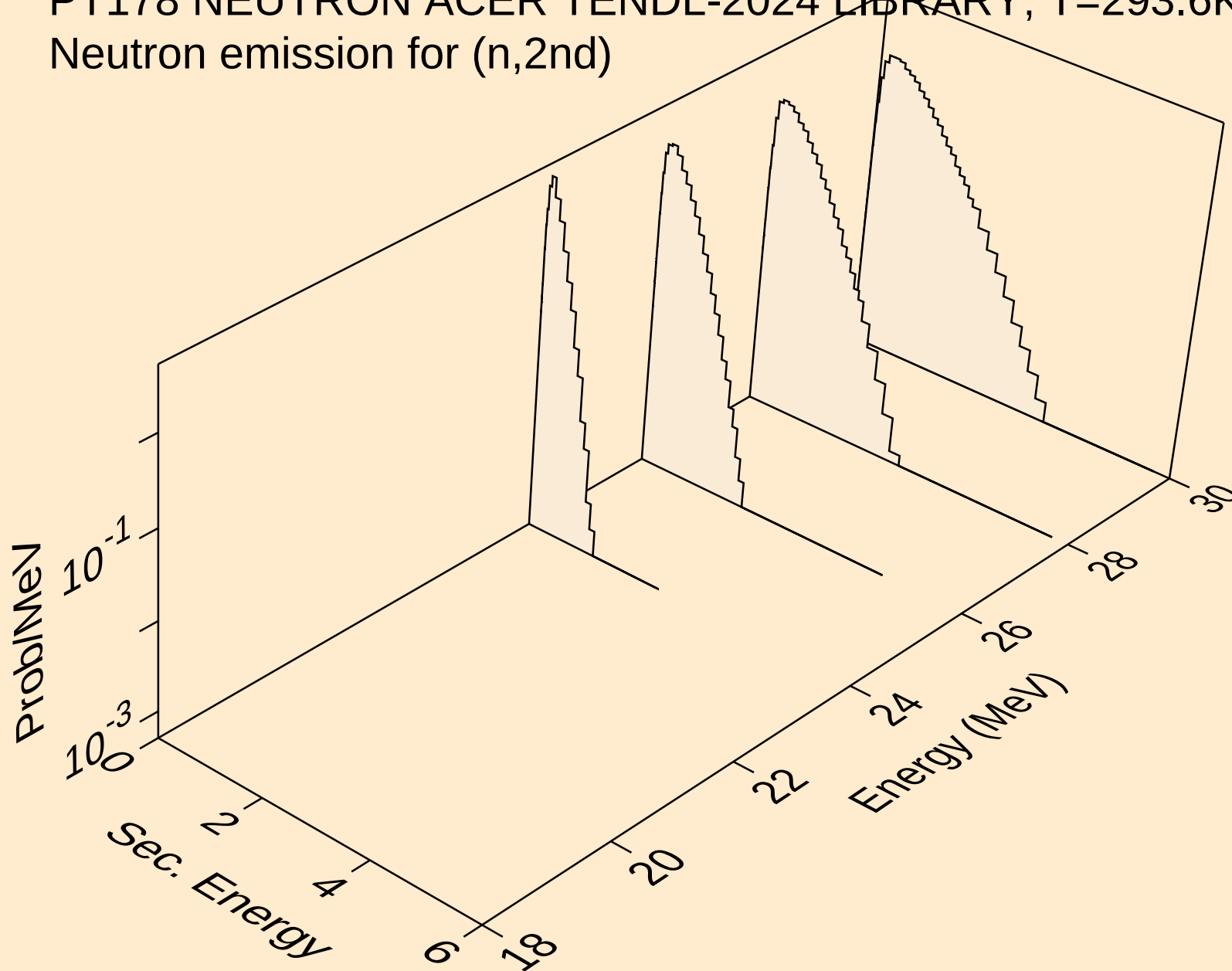
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*14)



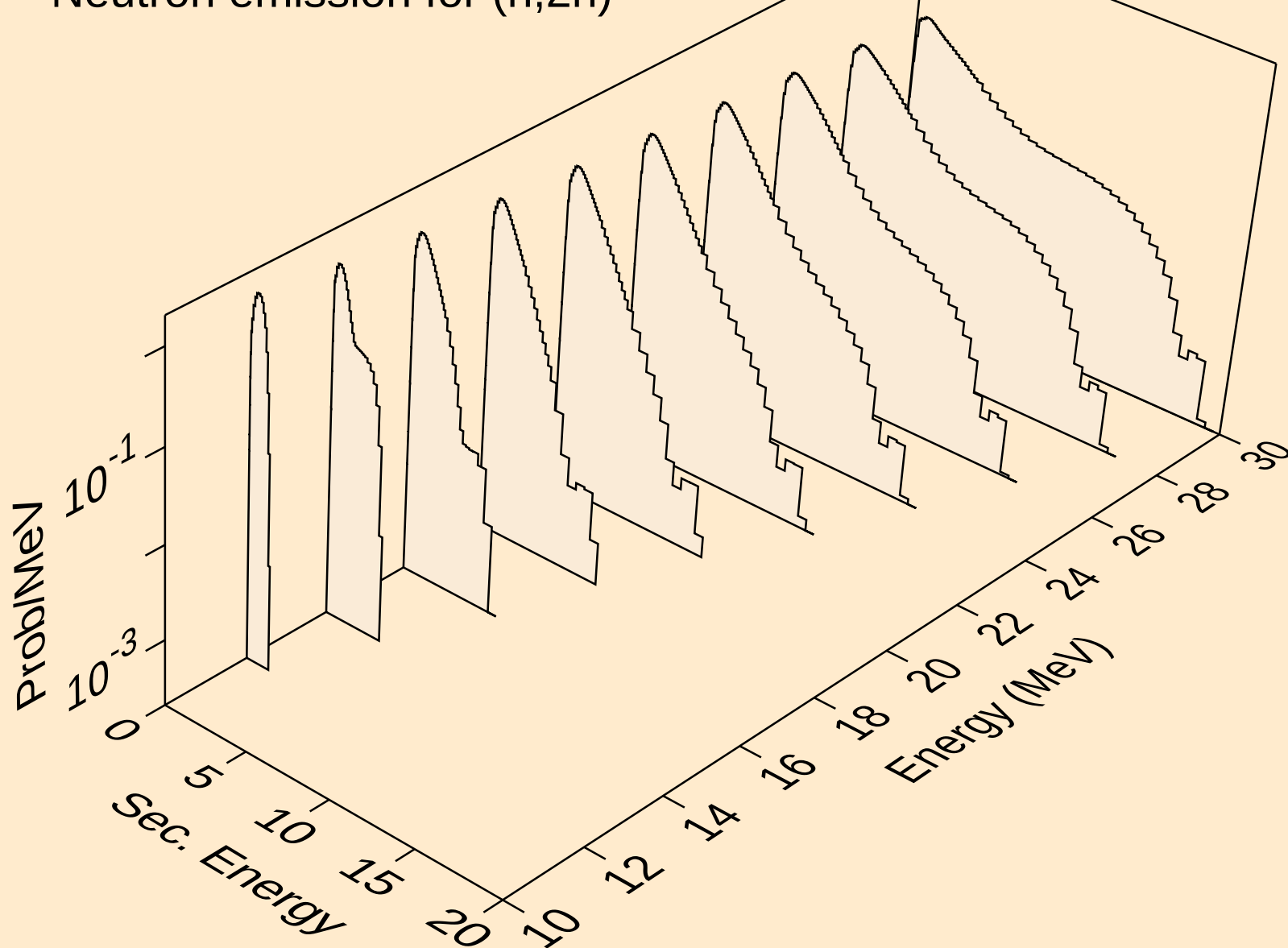
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



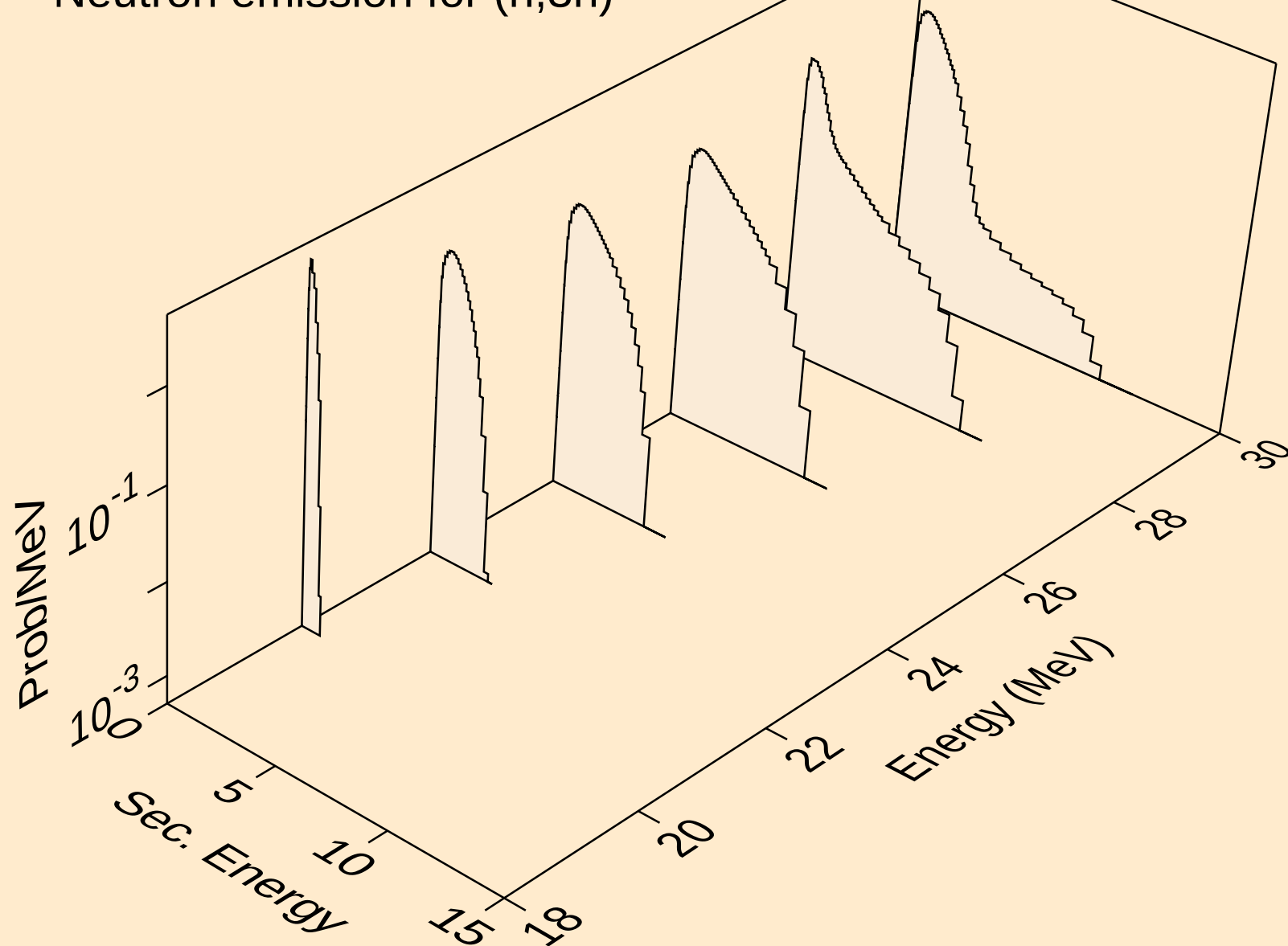
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



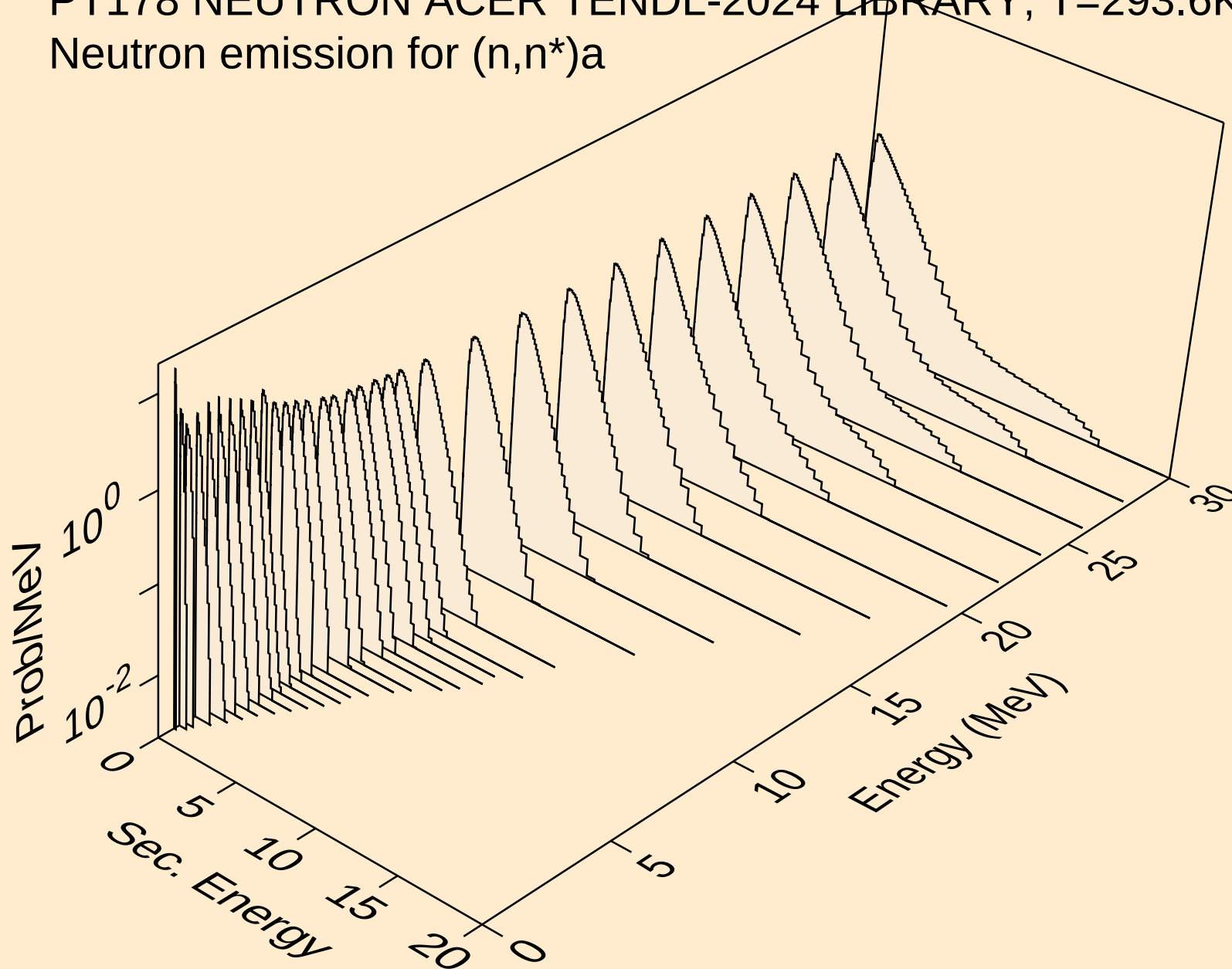
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



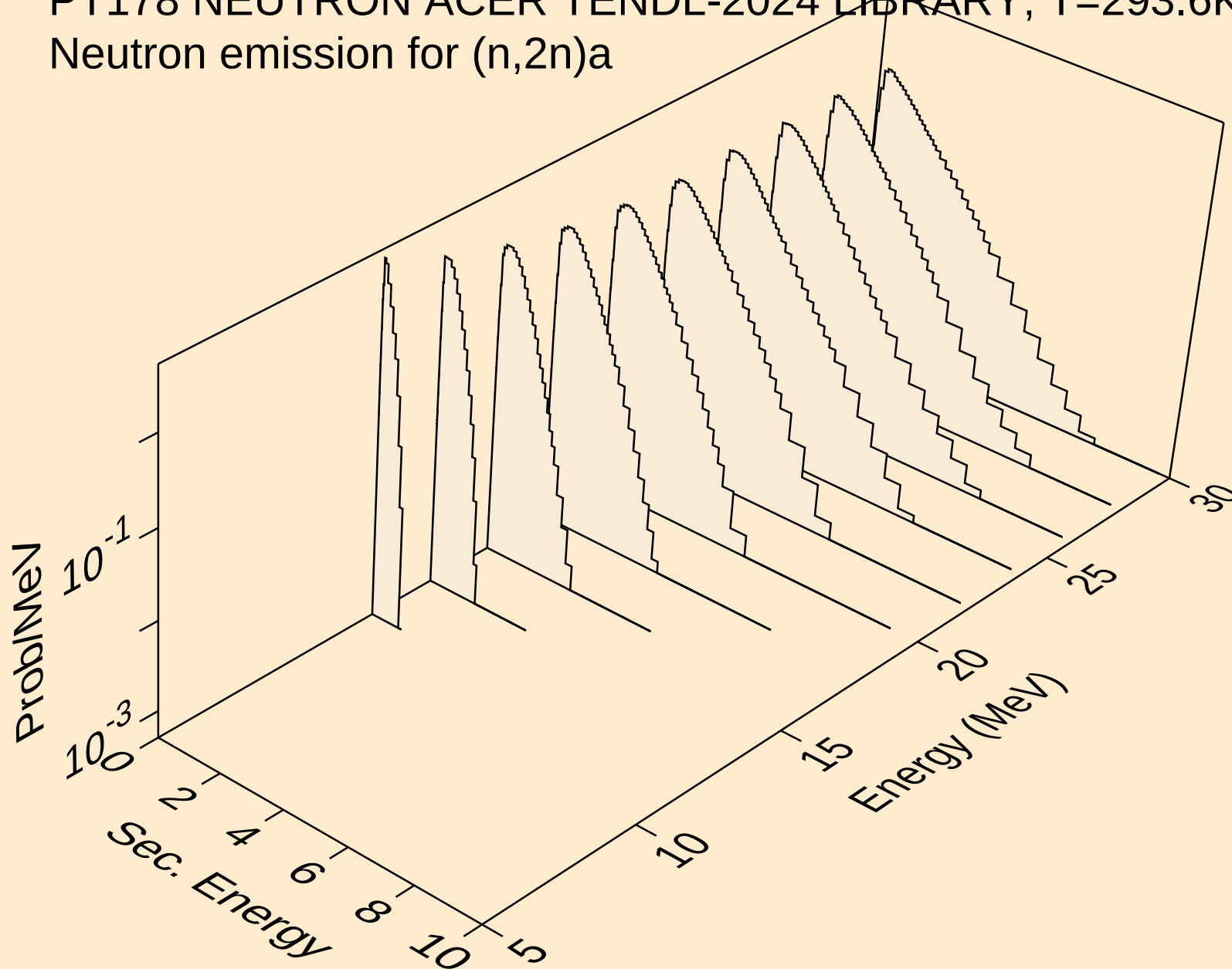
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



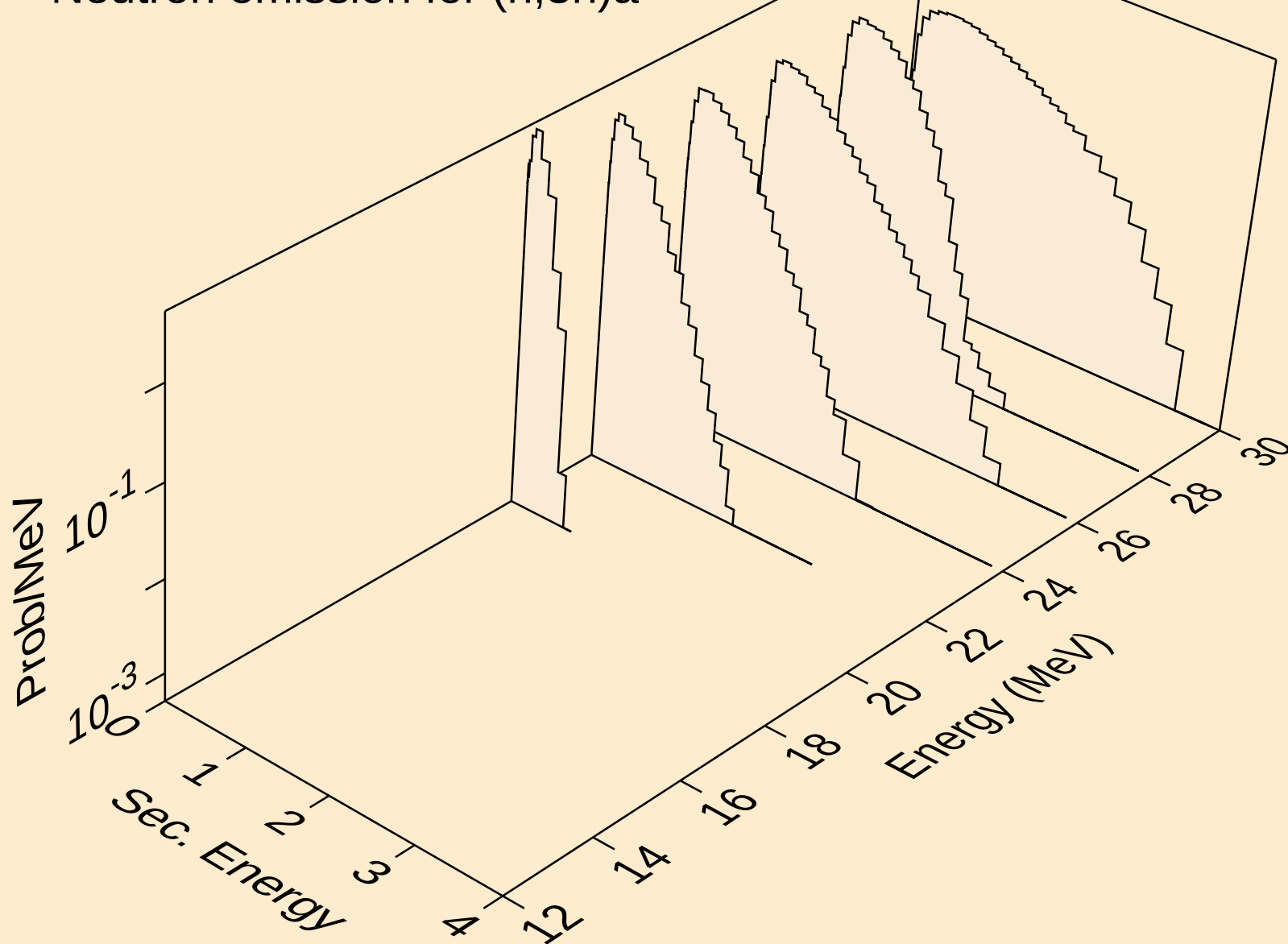
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



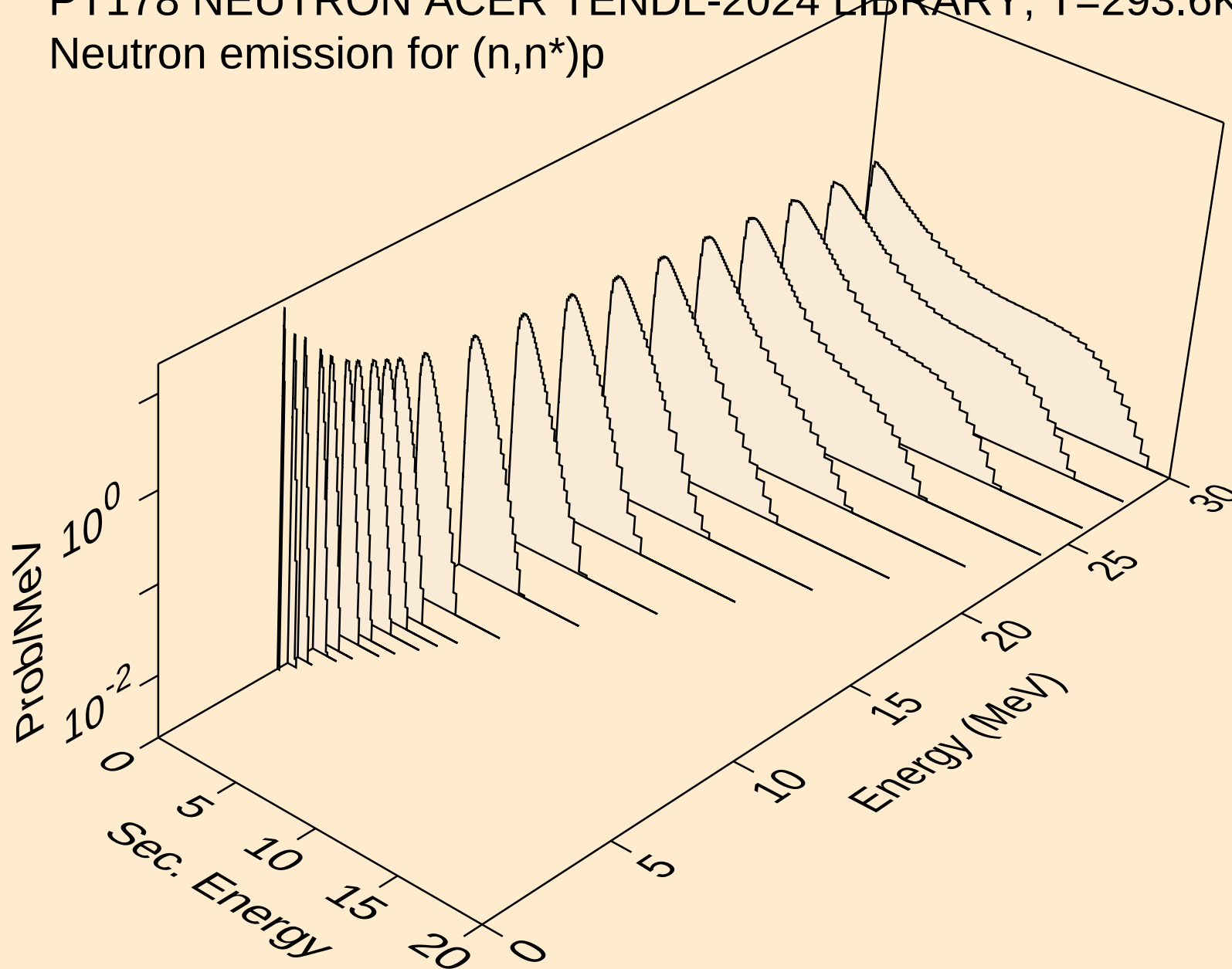
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



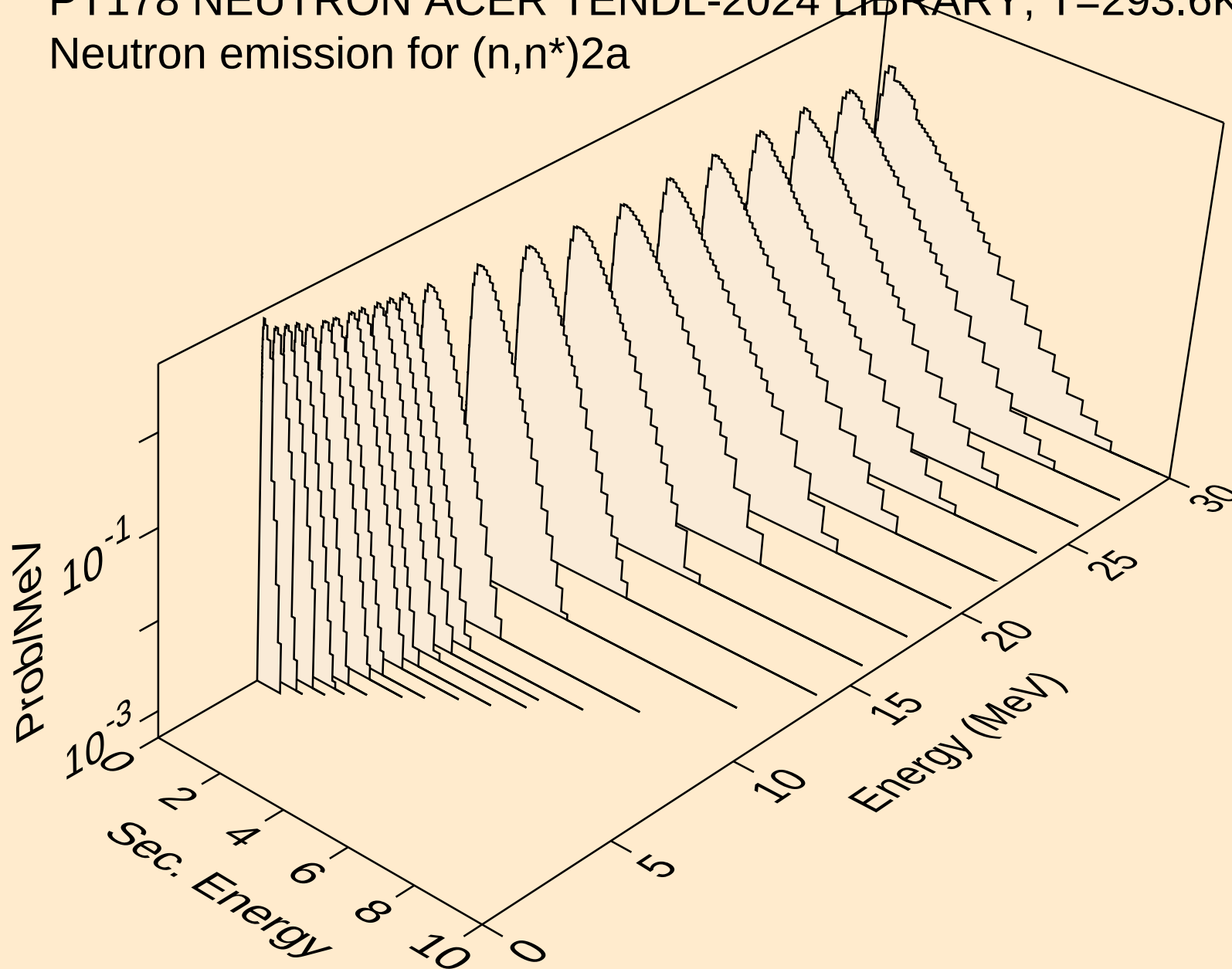
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



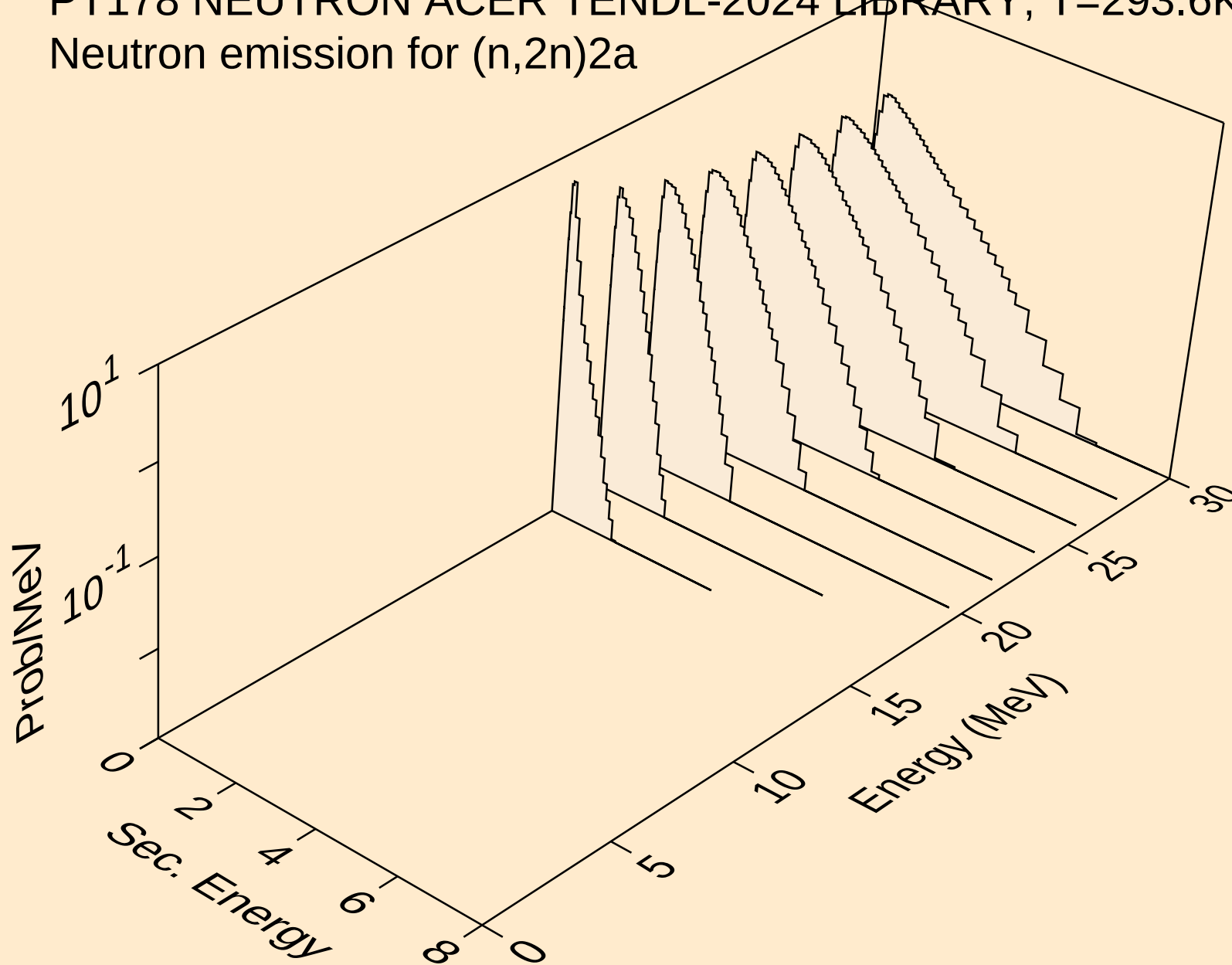
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



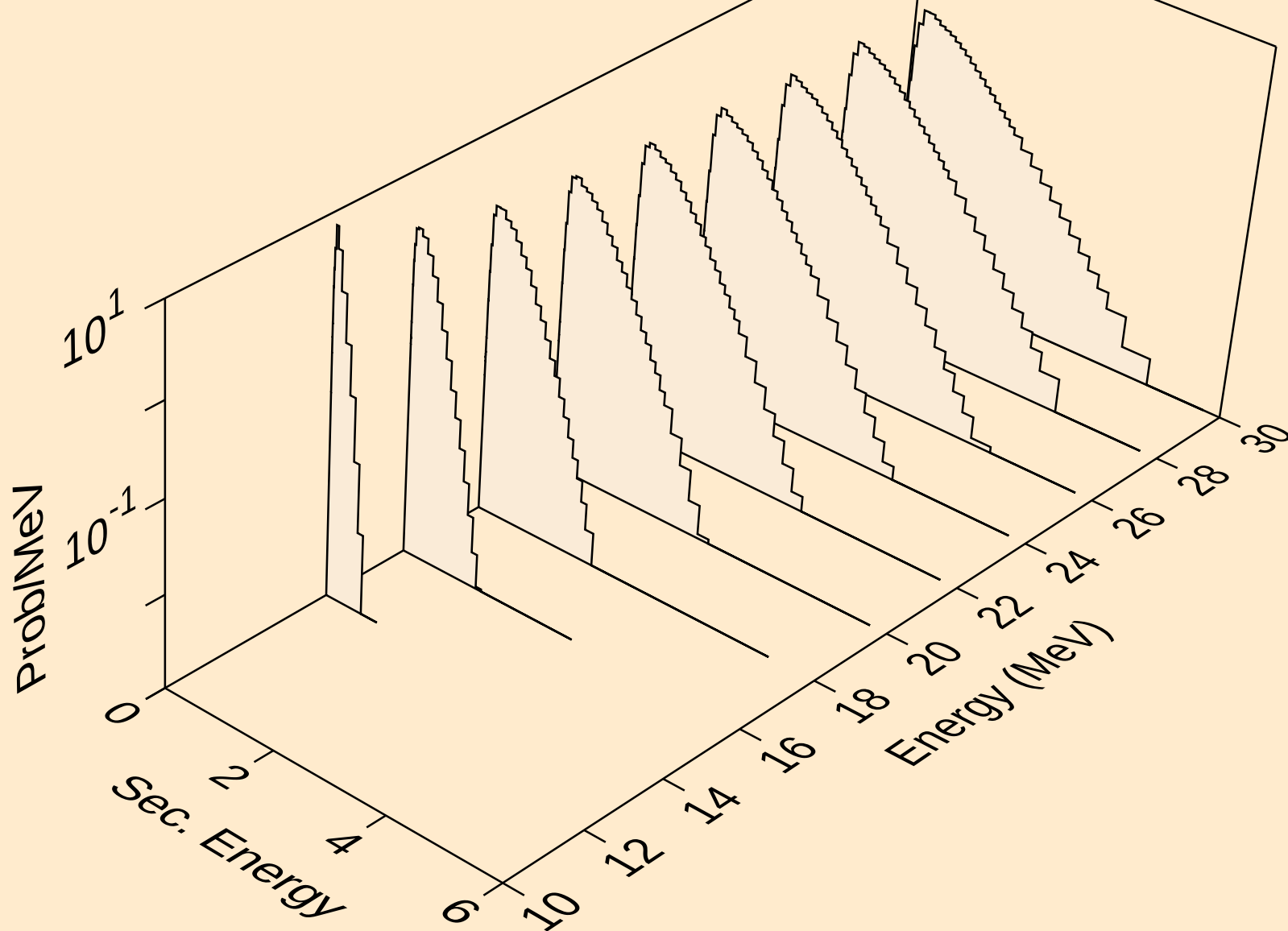
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



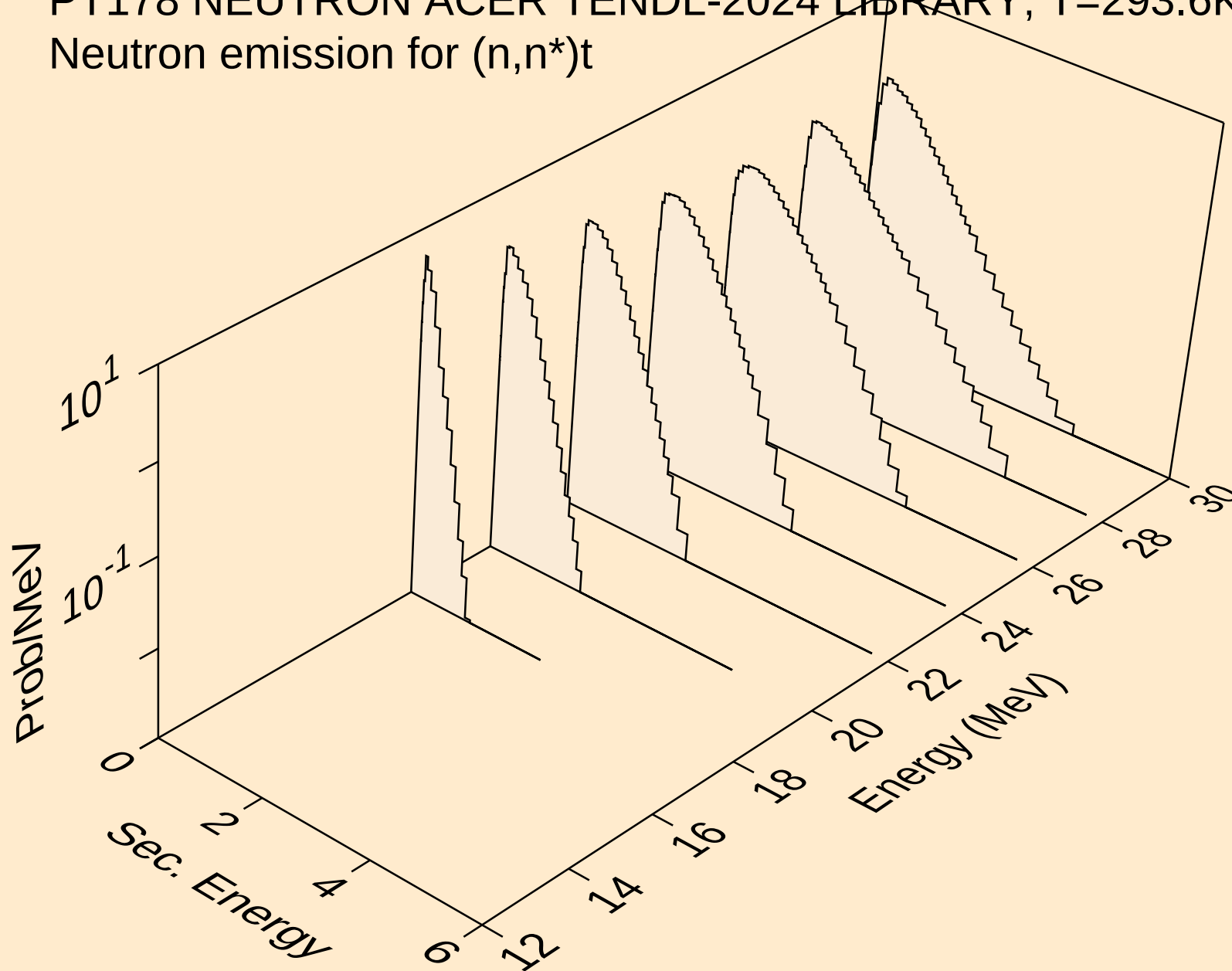
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)2a



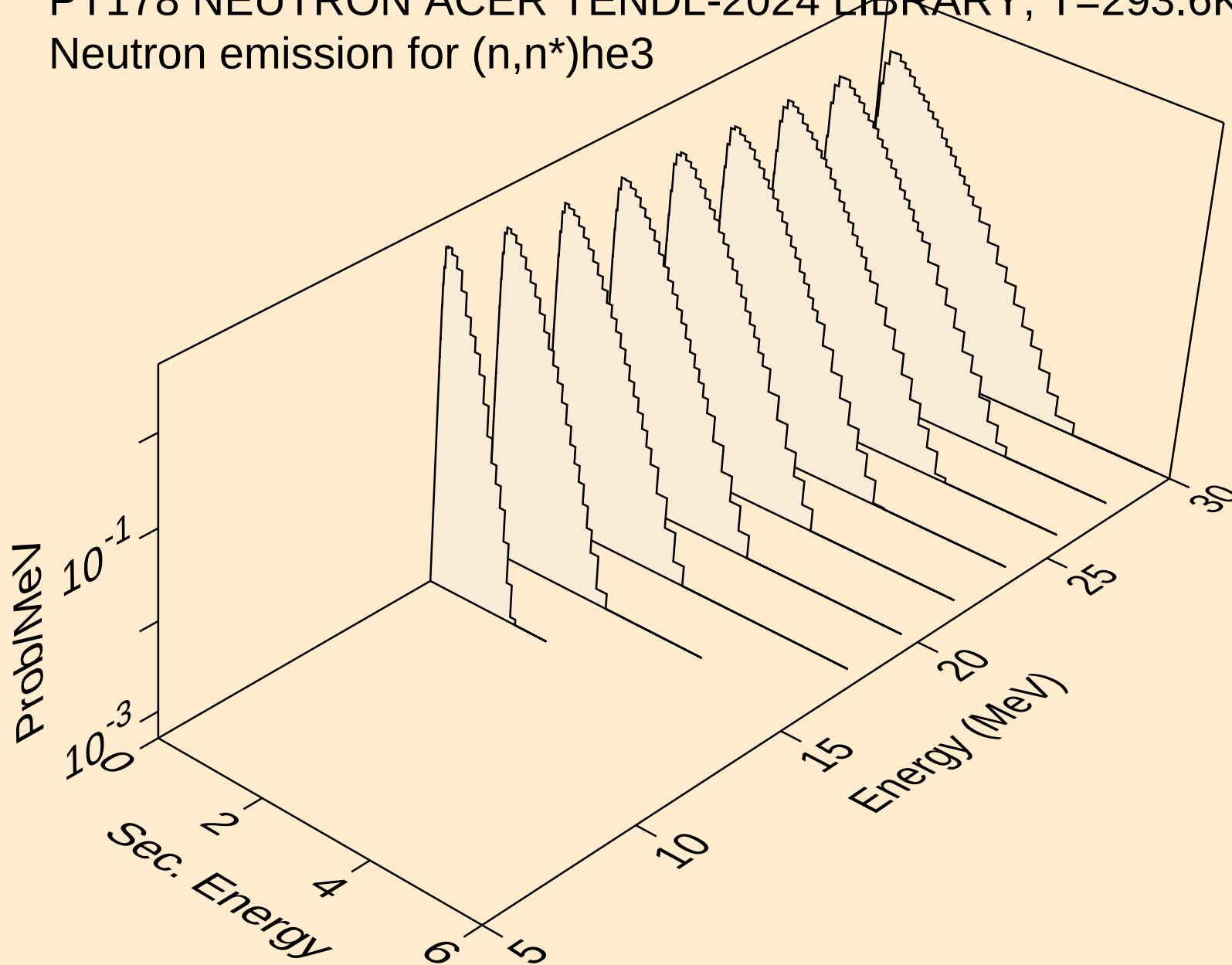
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



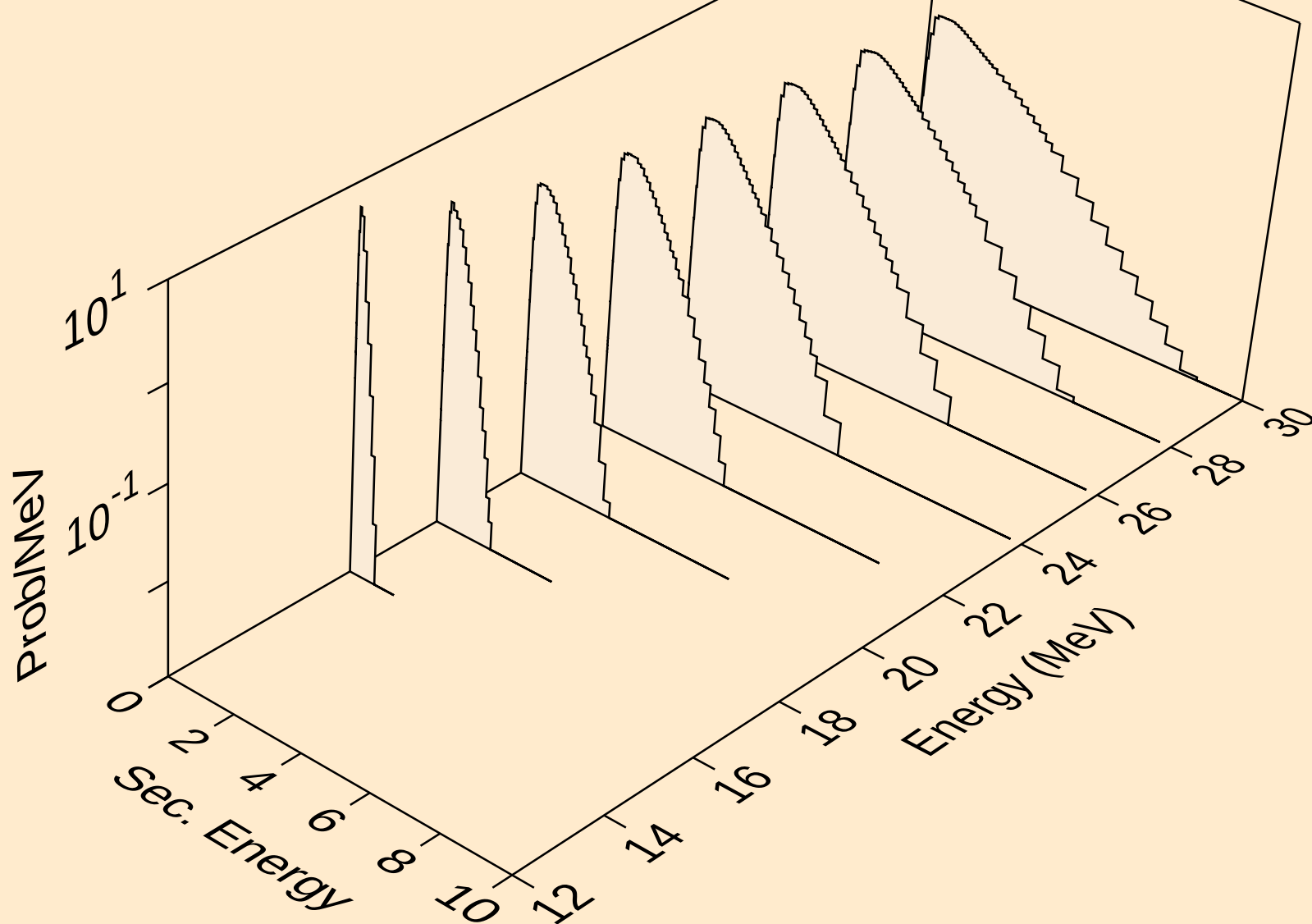
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



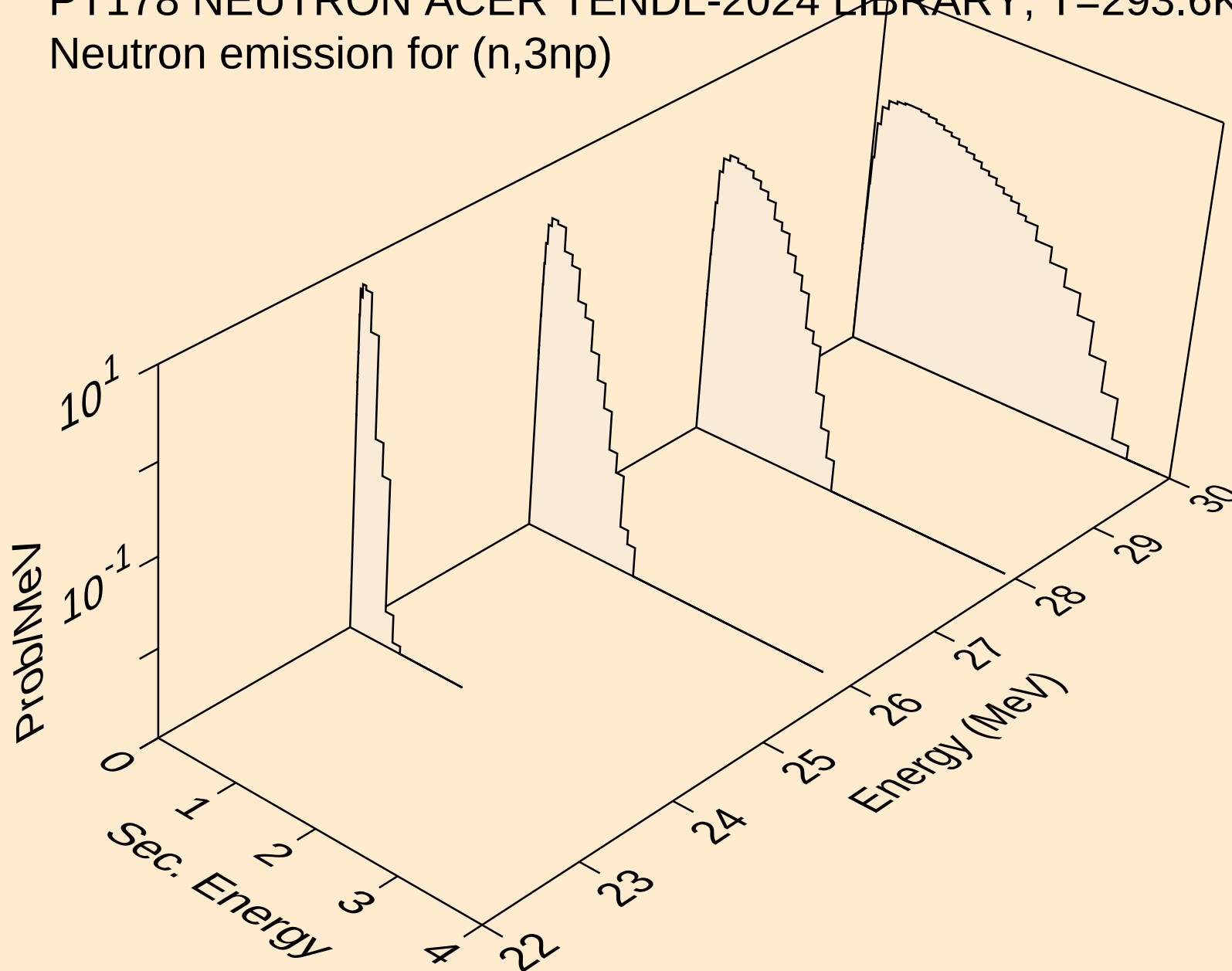
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



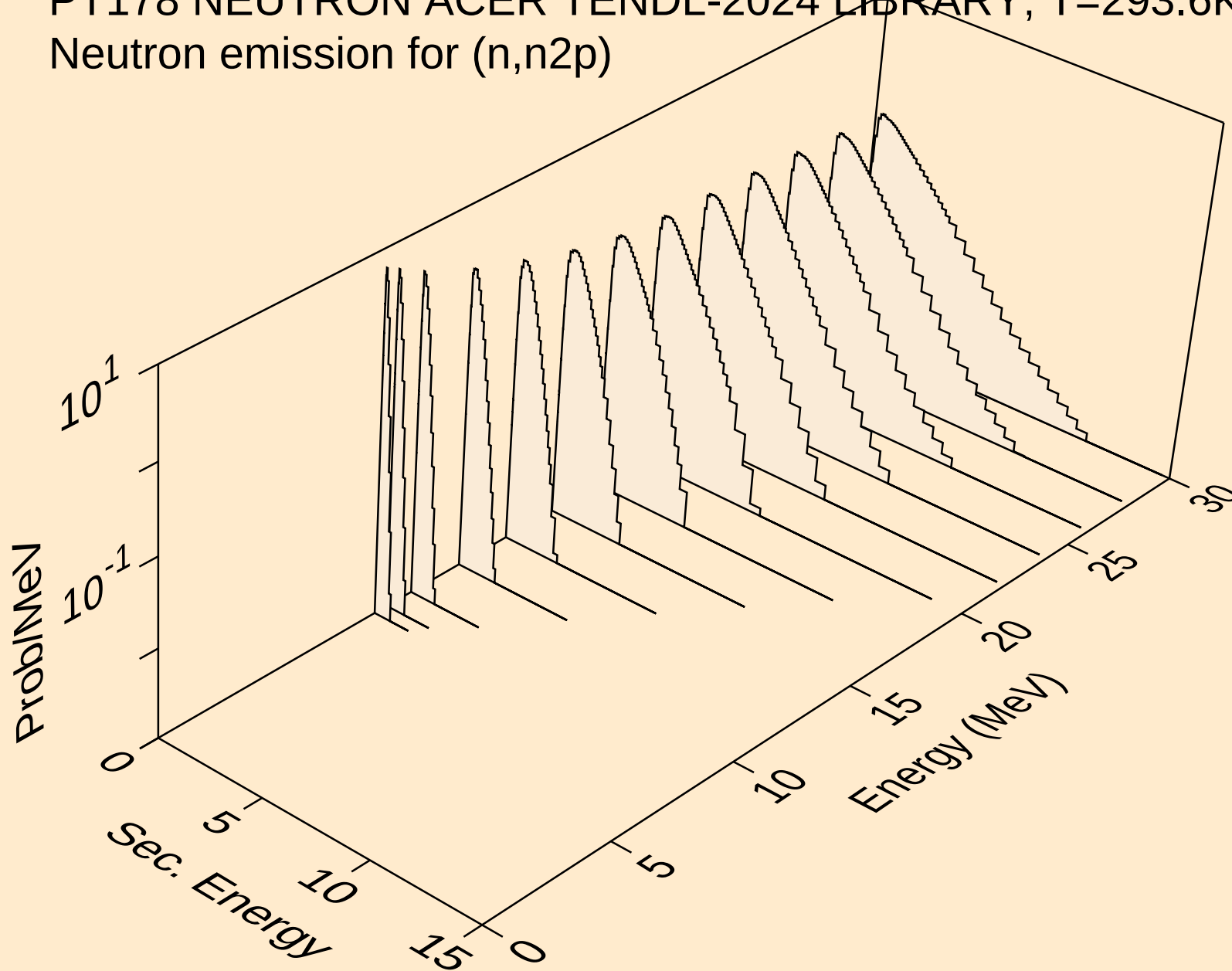
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



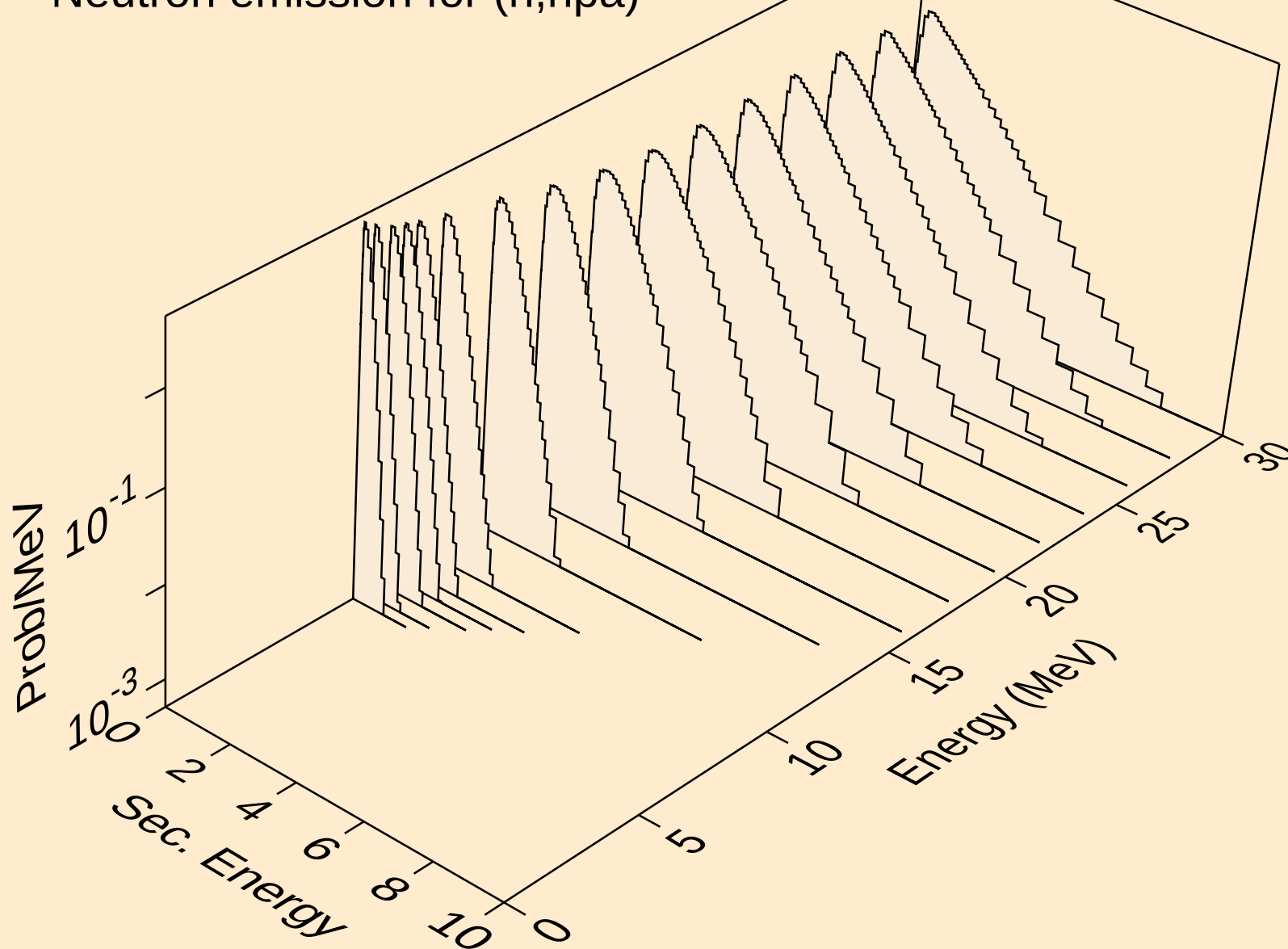
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)



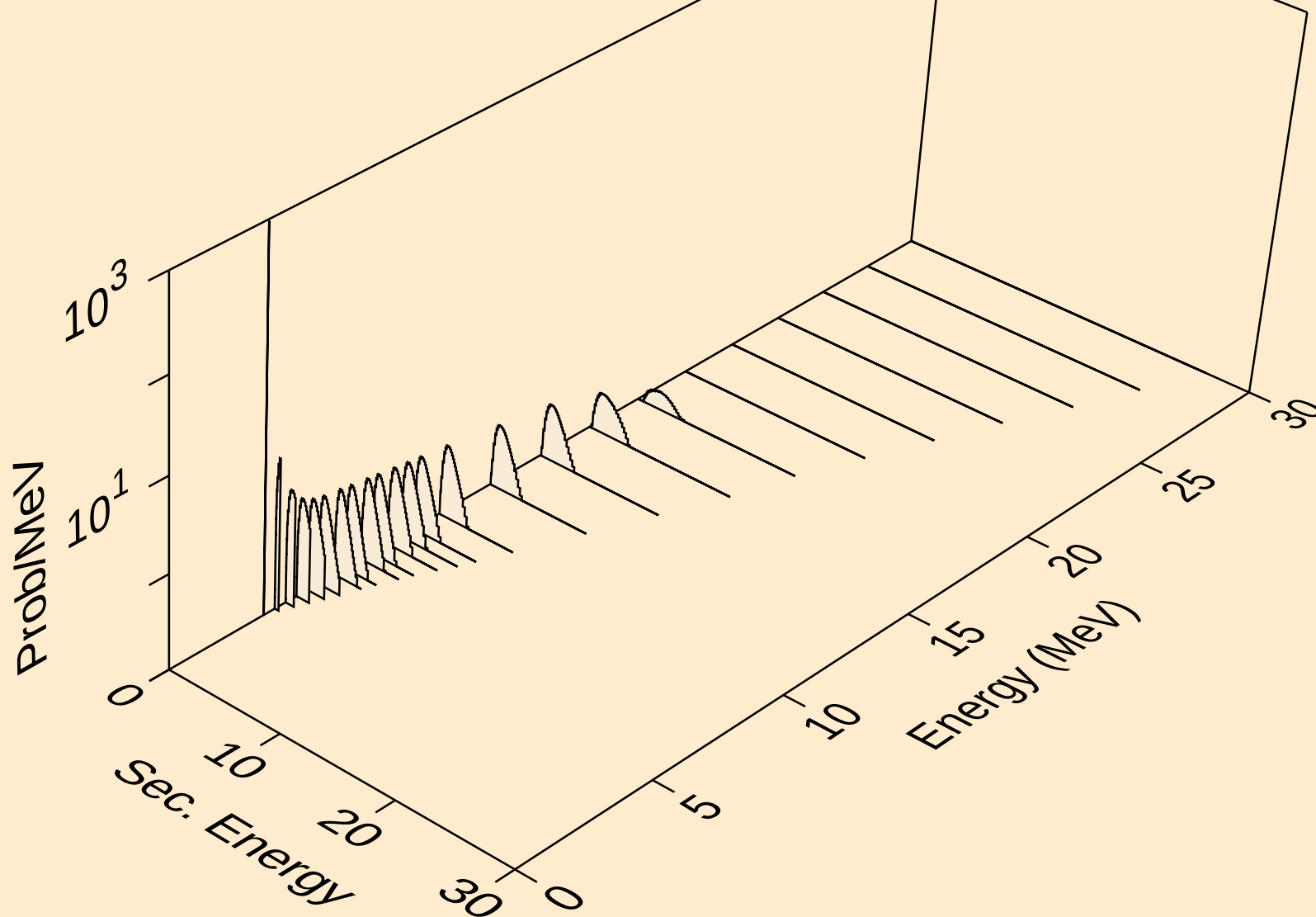
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



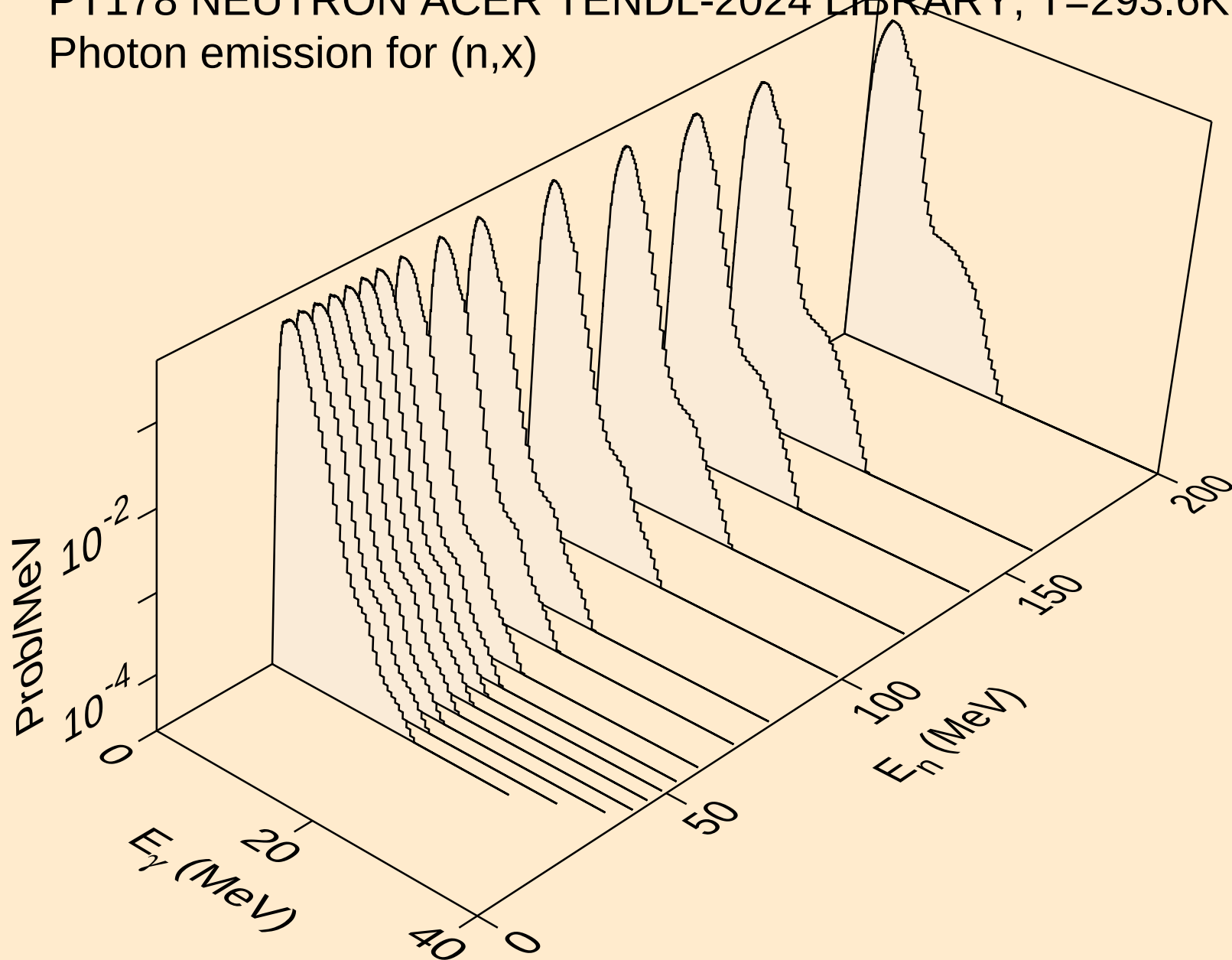
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



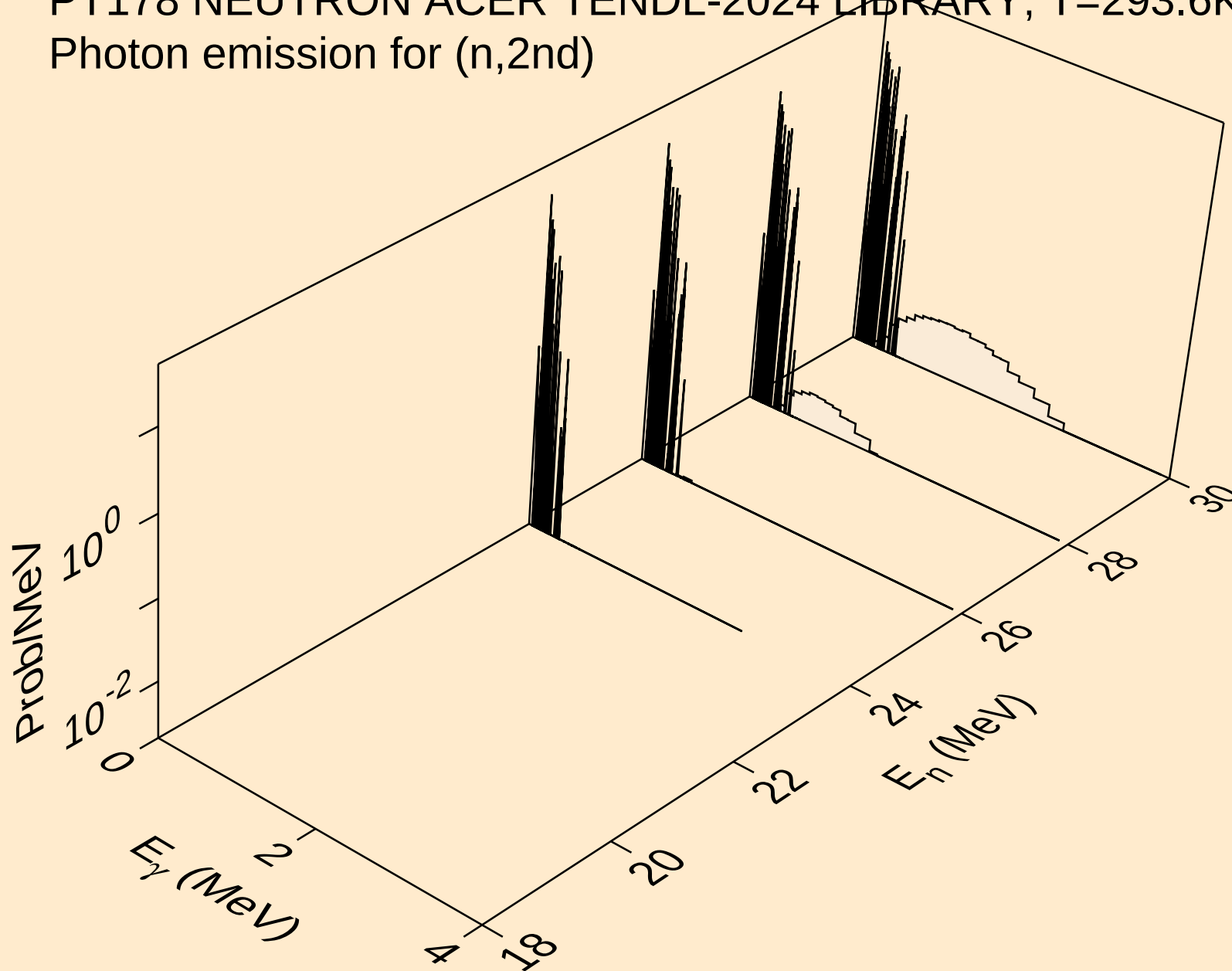
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



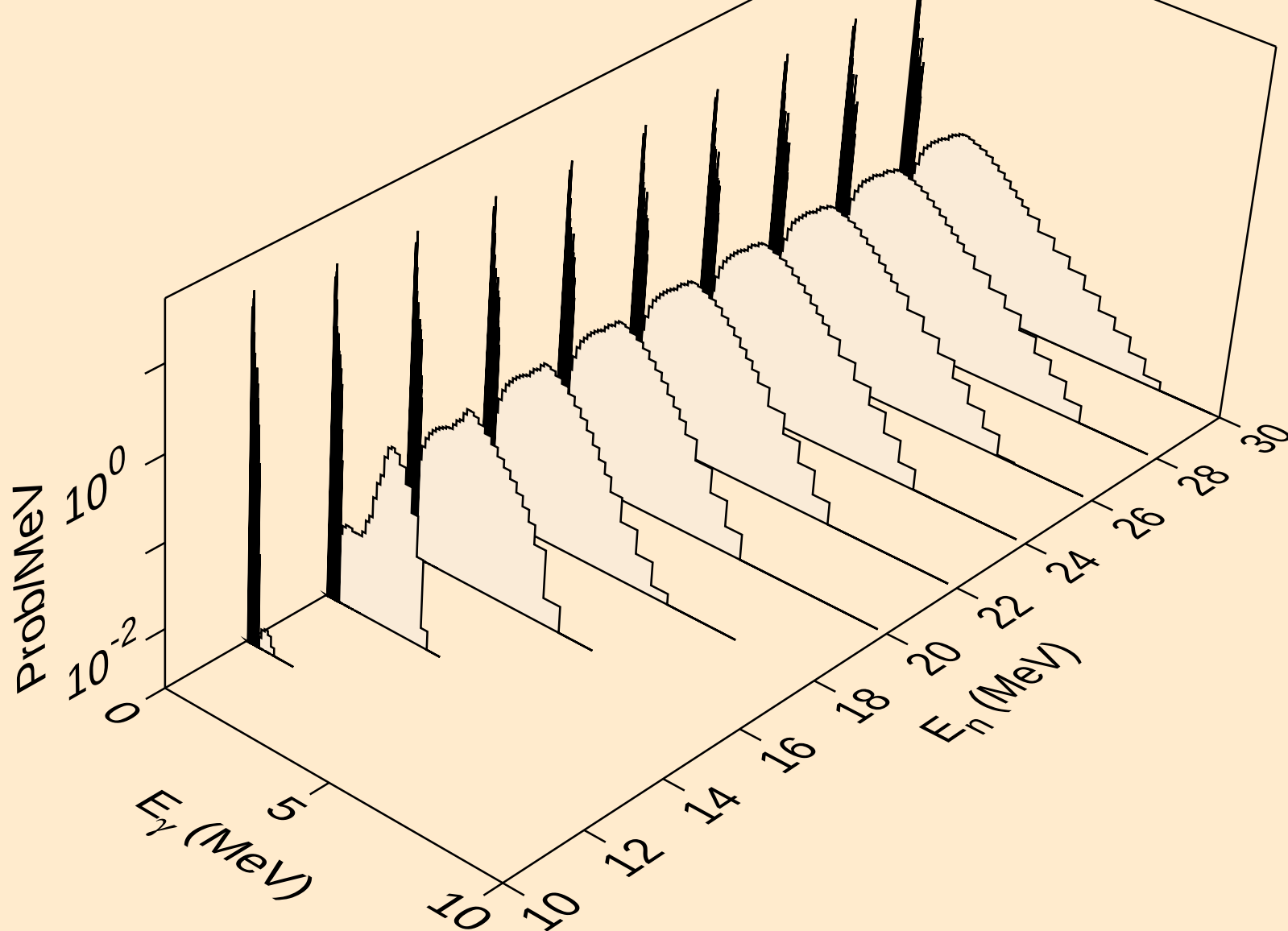
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



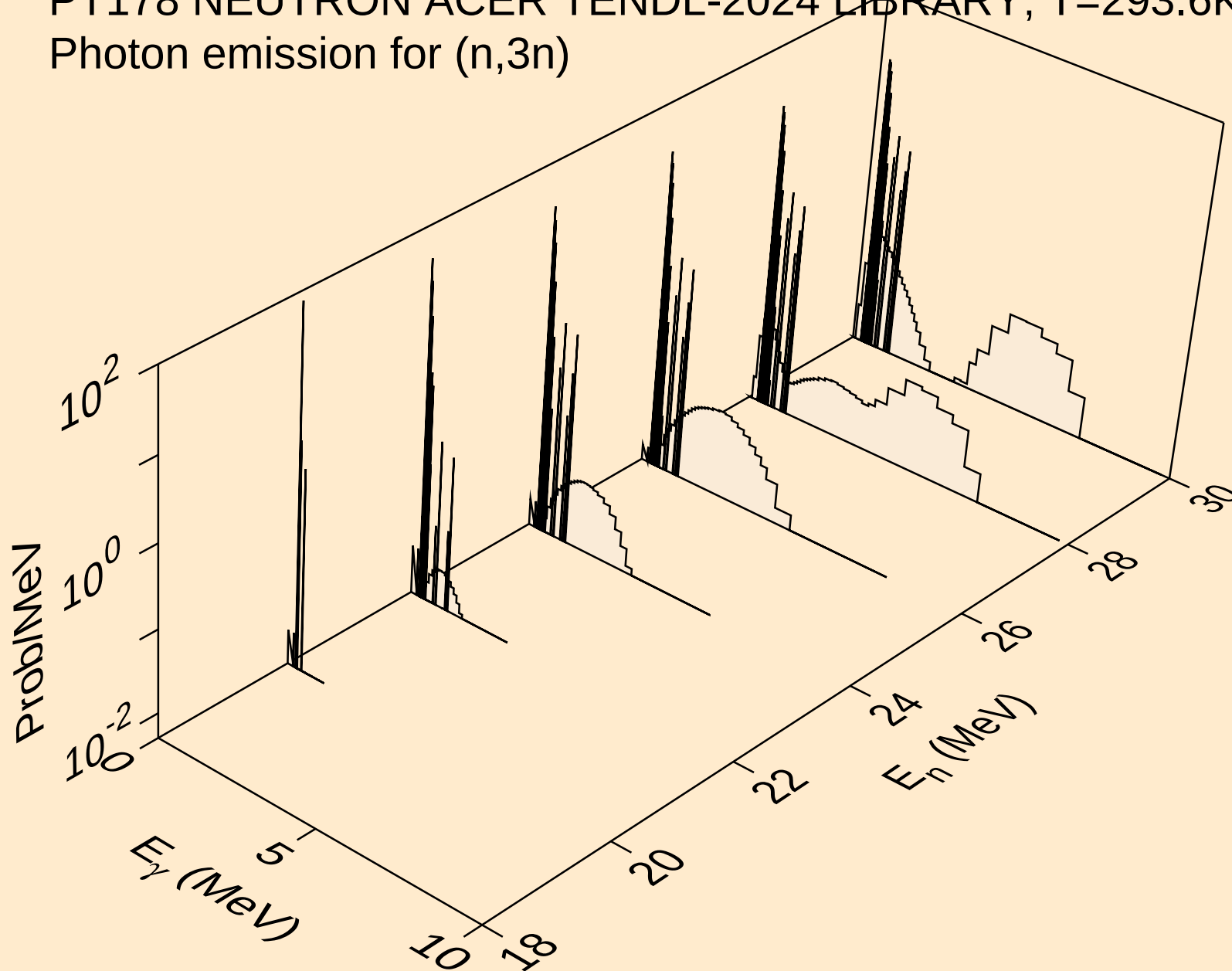
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



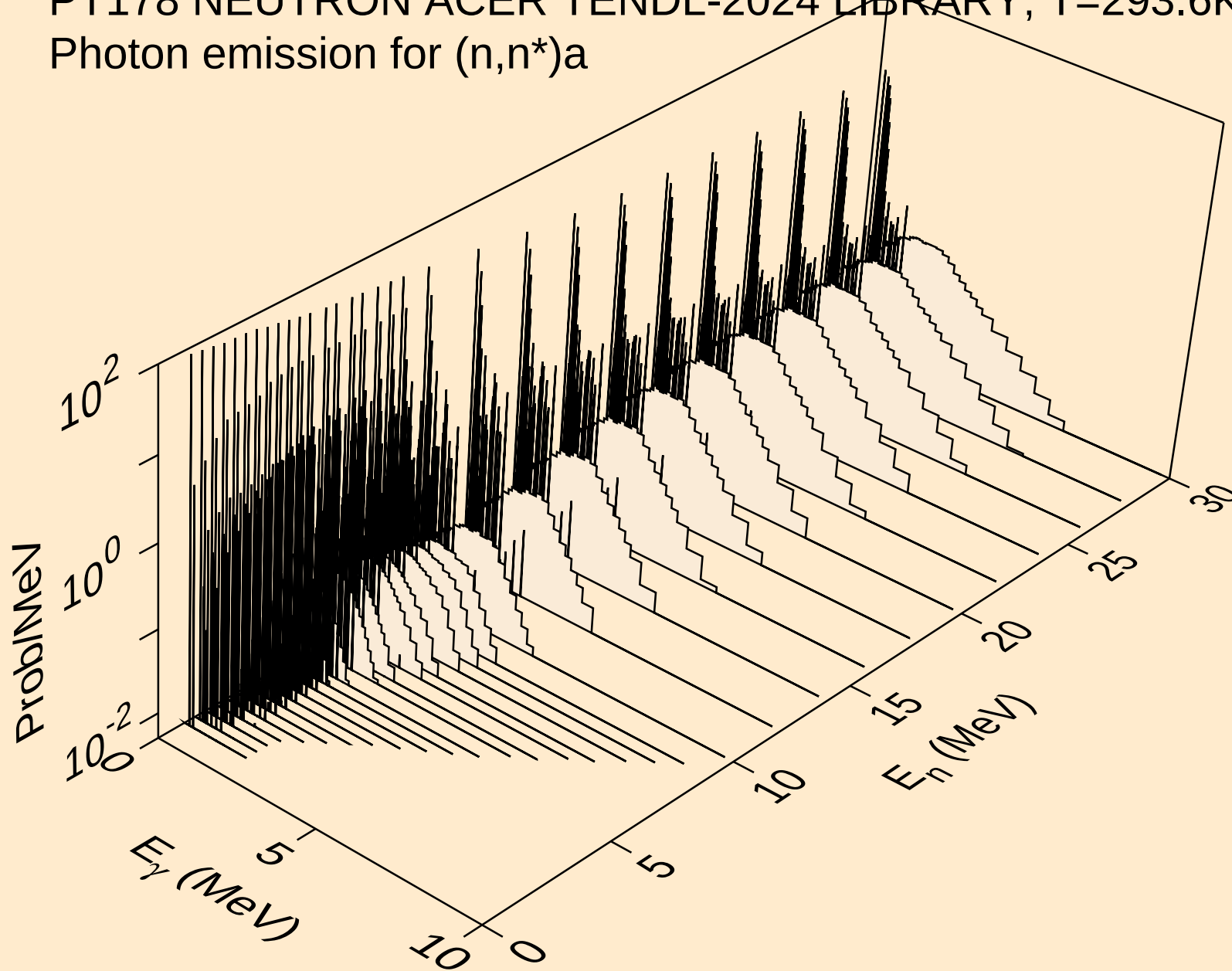
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)



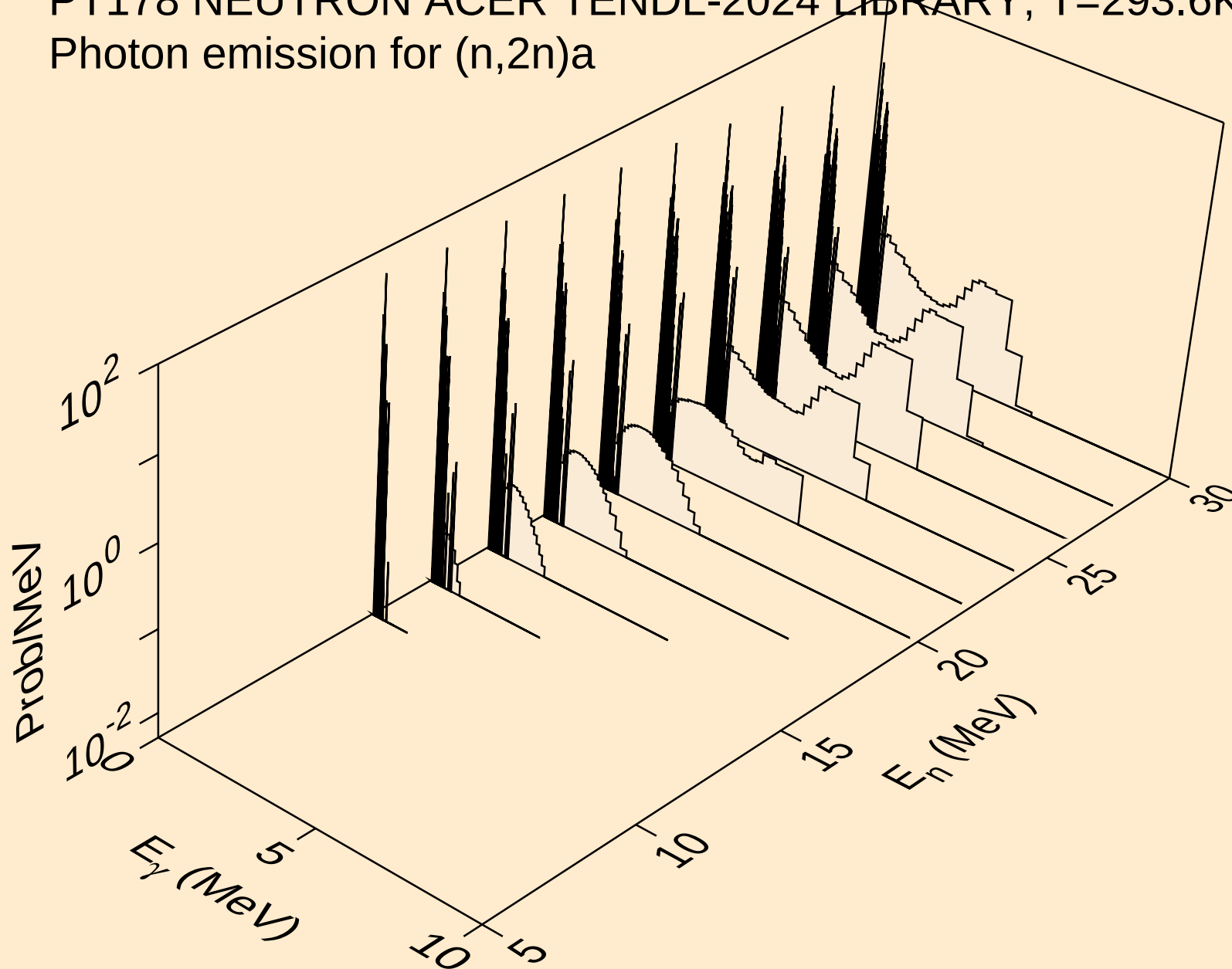
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



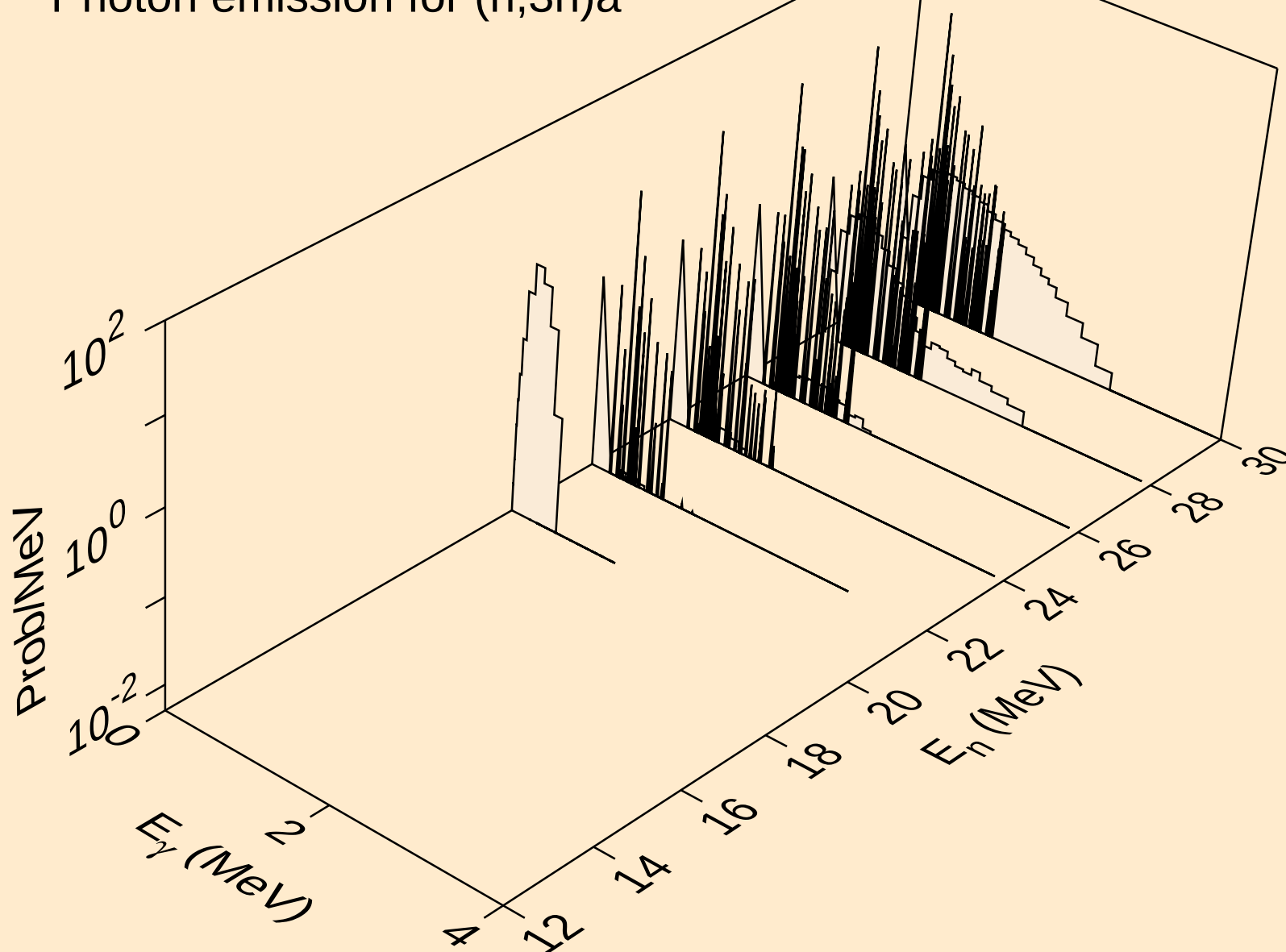
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)a

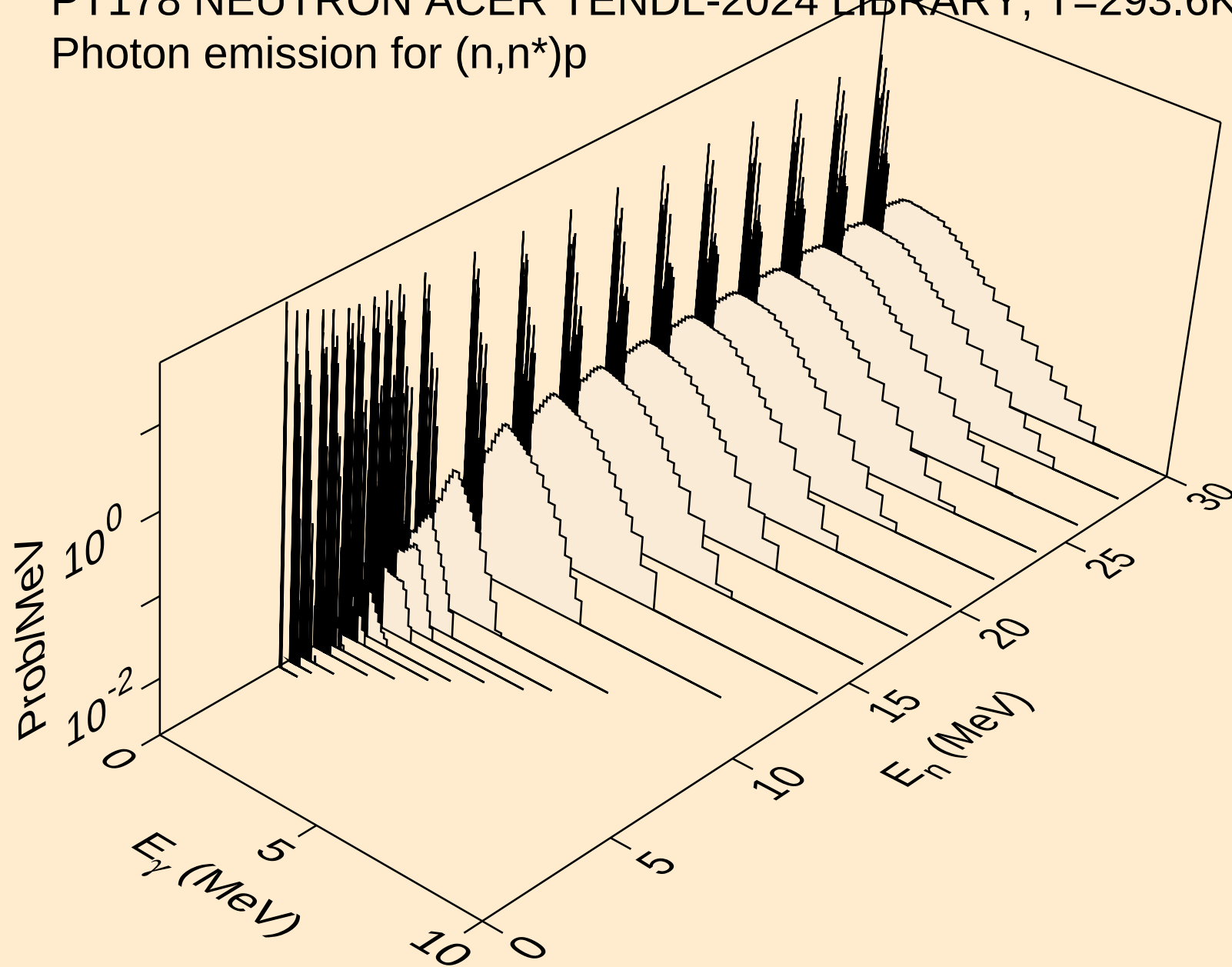


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n) α

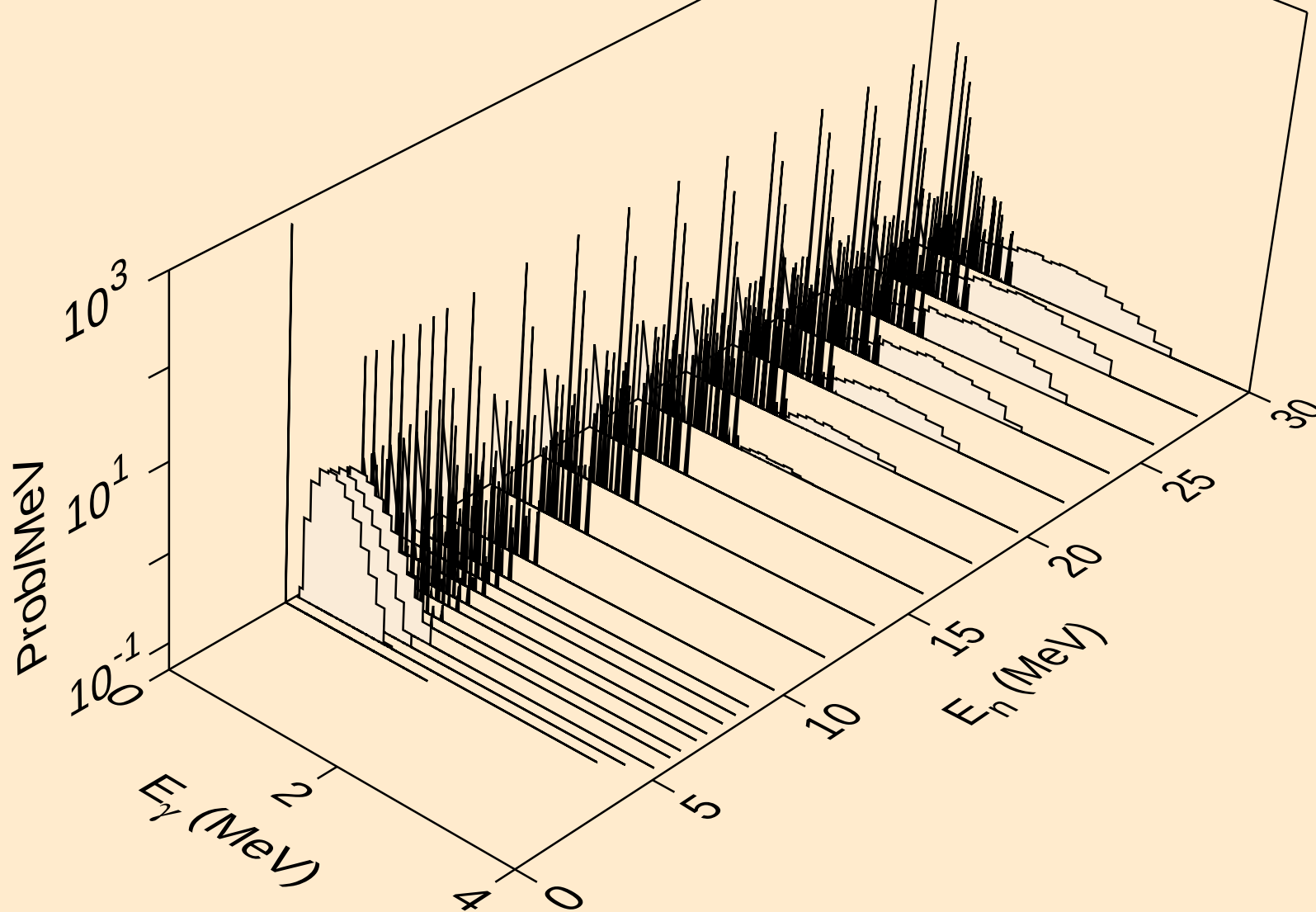


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

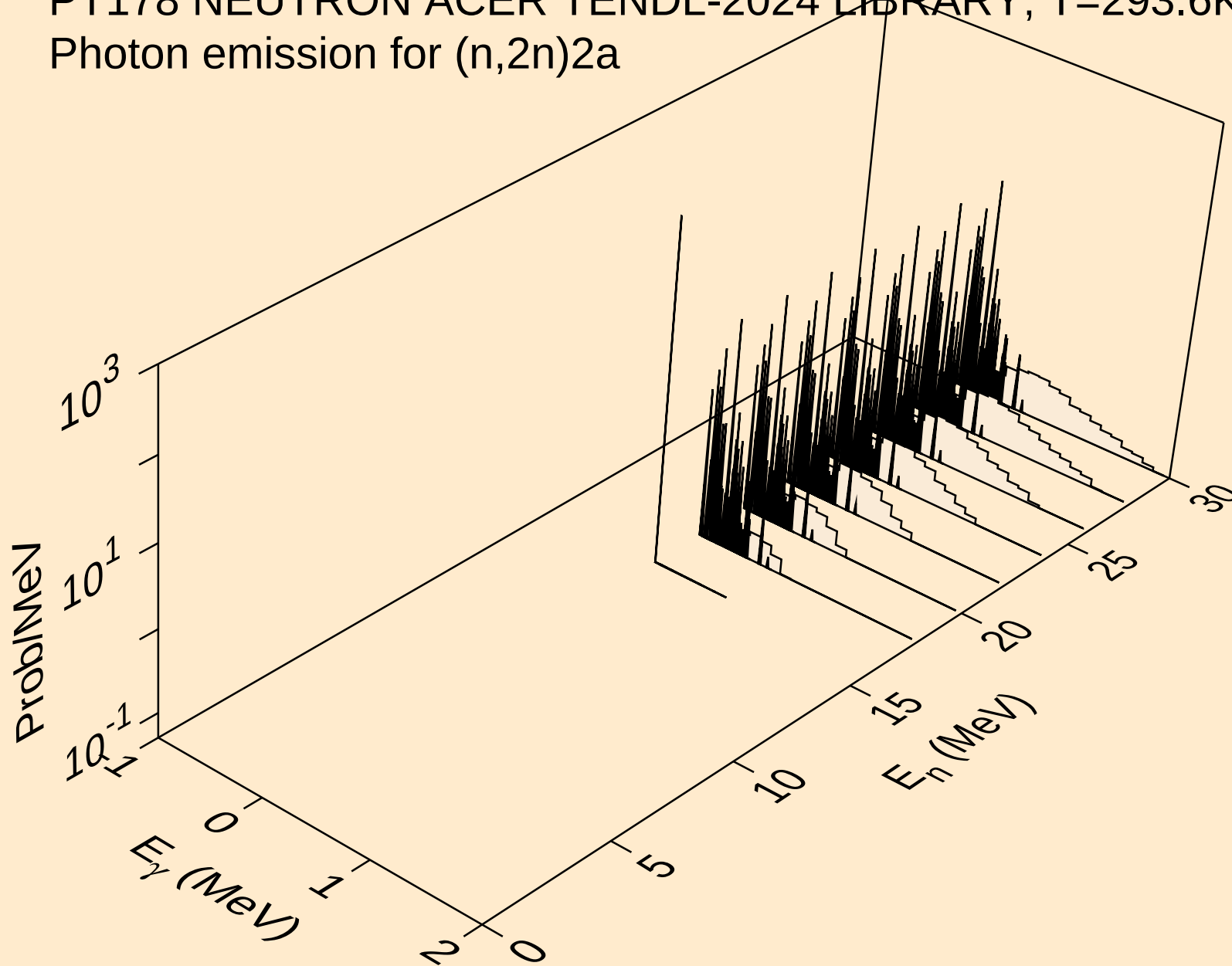
Photon emission for (n,n*)p



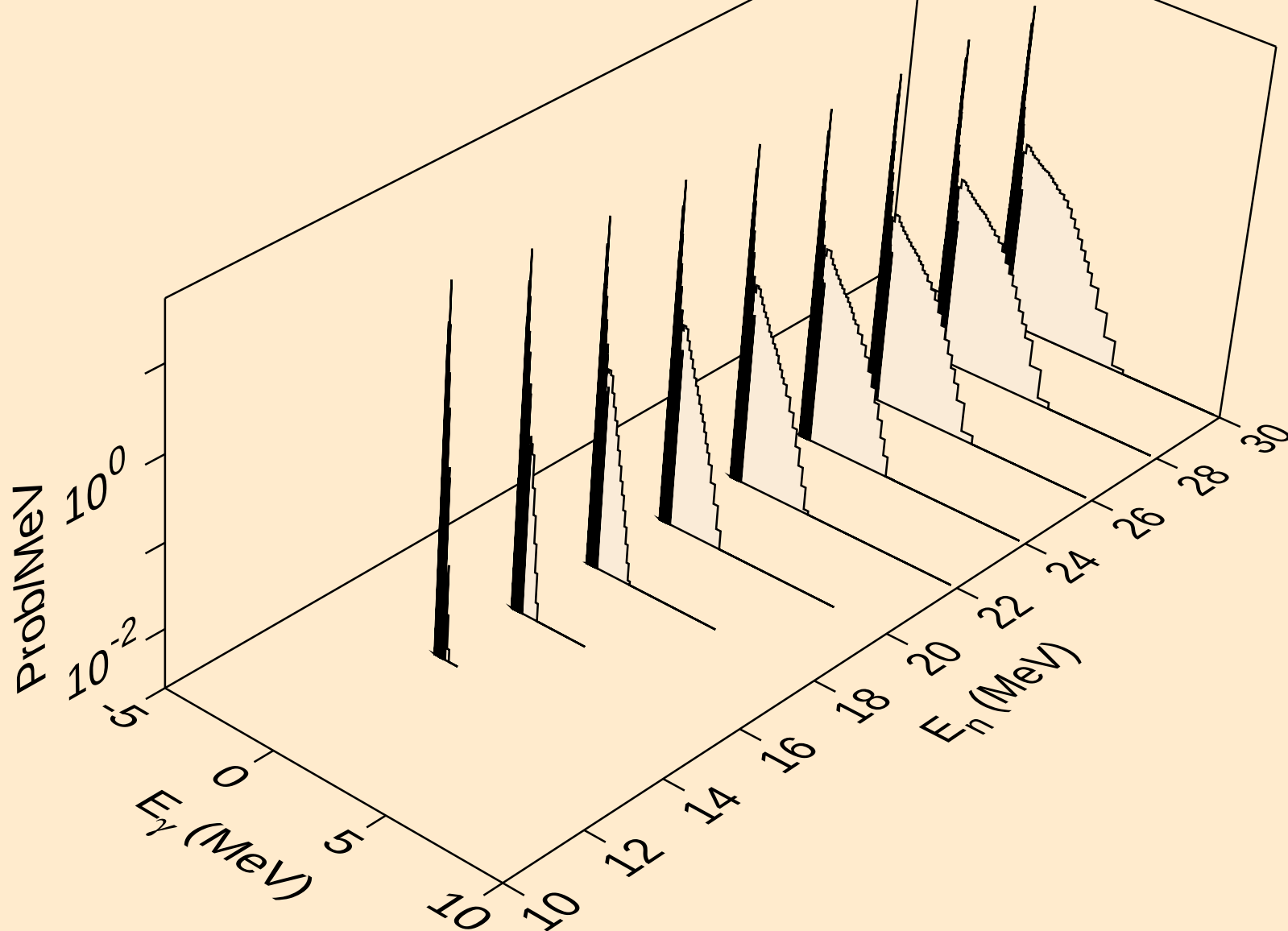
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)2a

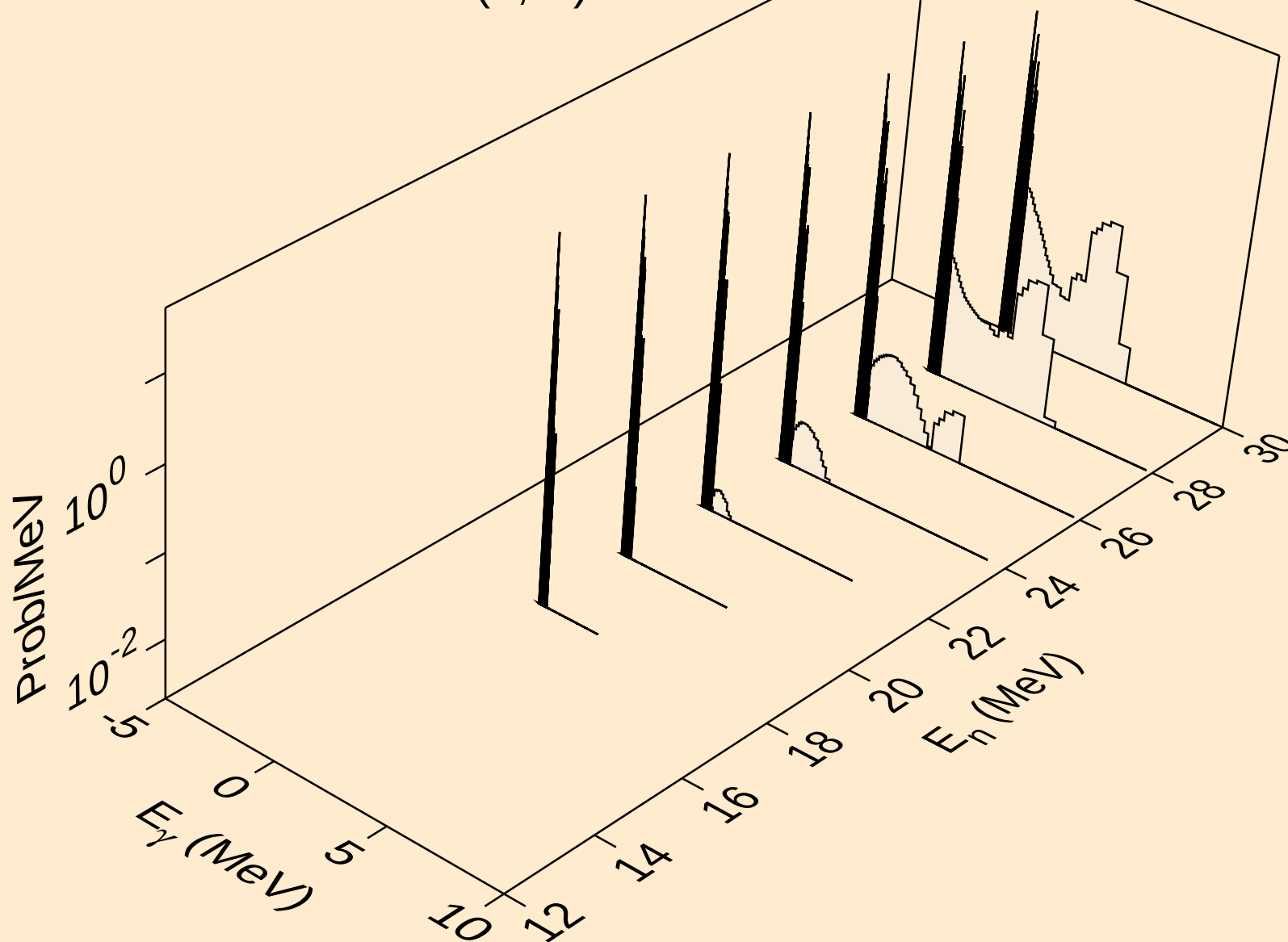


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d

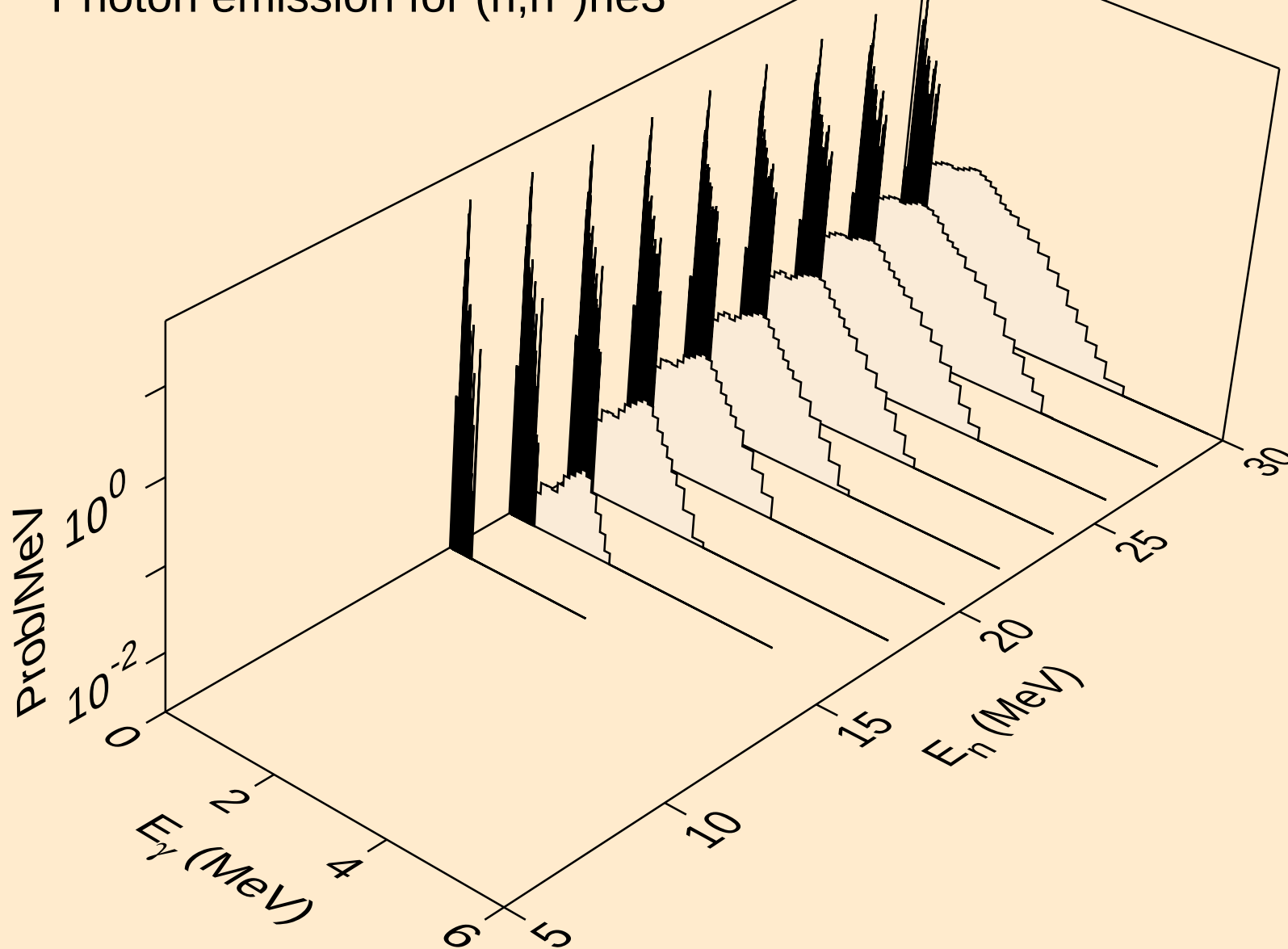


PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

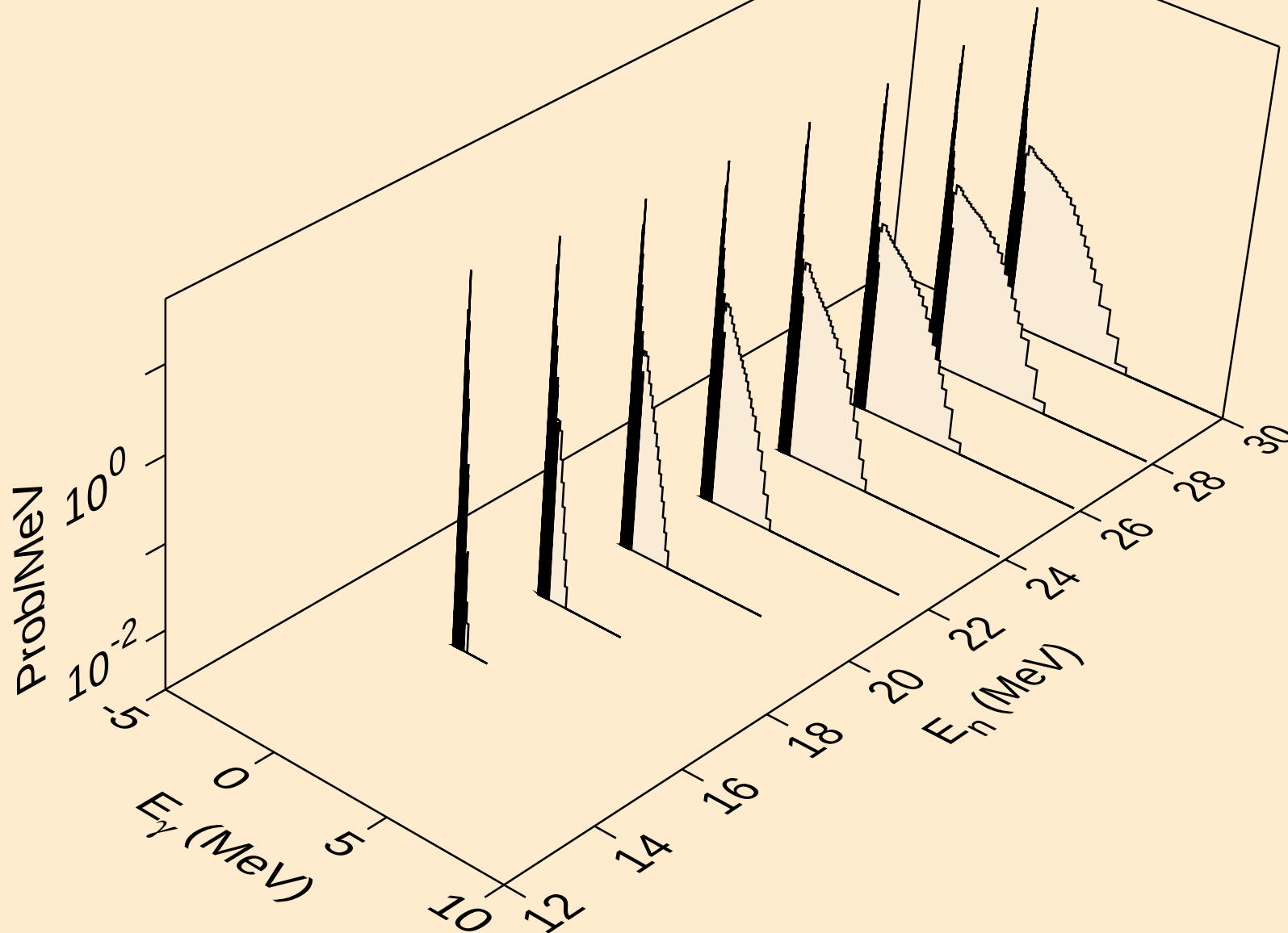
Photon emission for (n,n*)t



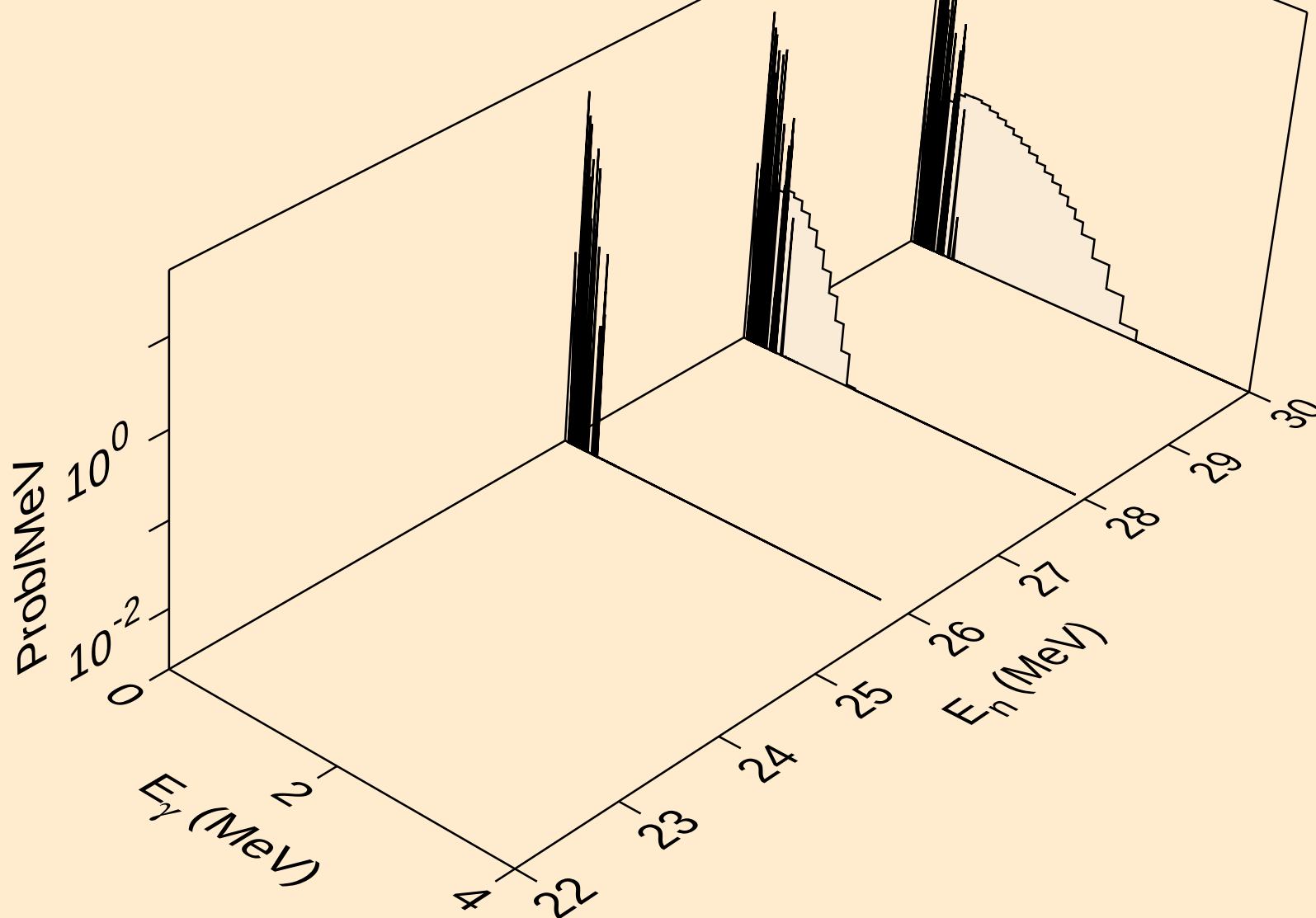
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



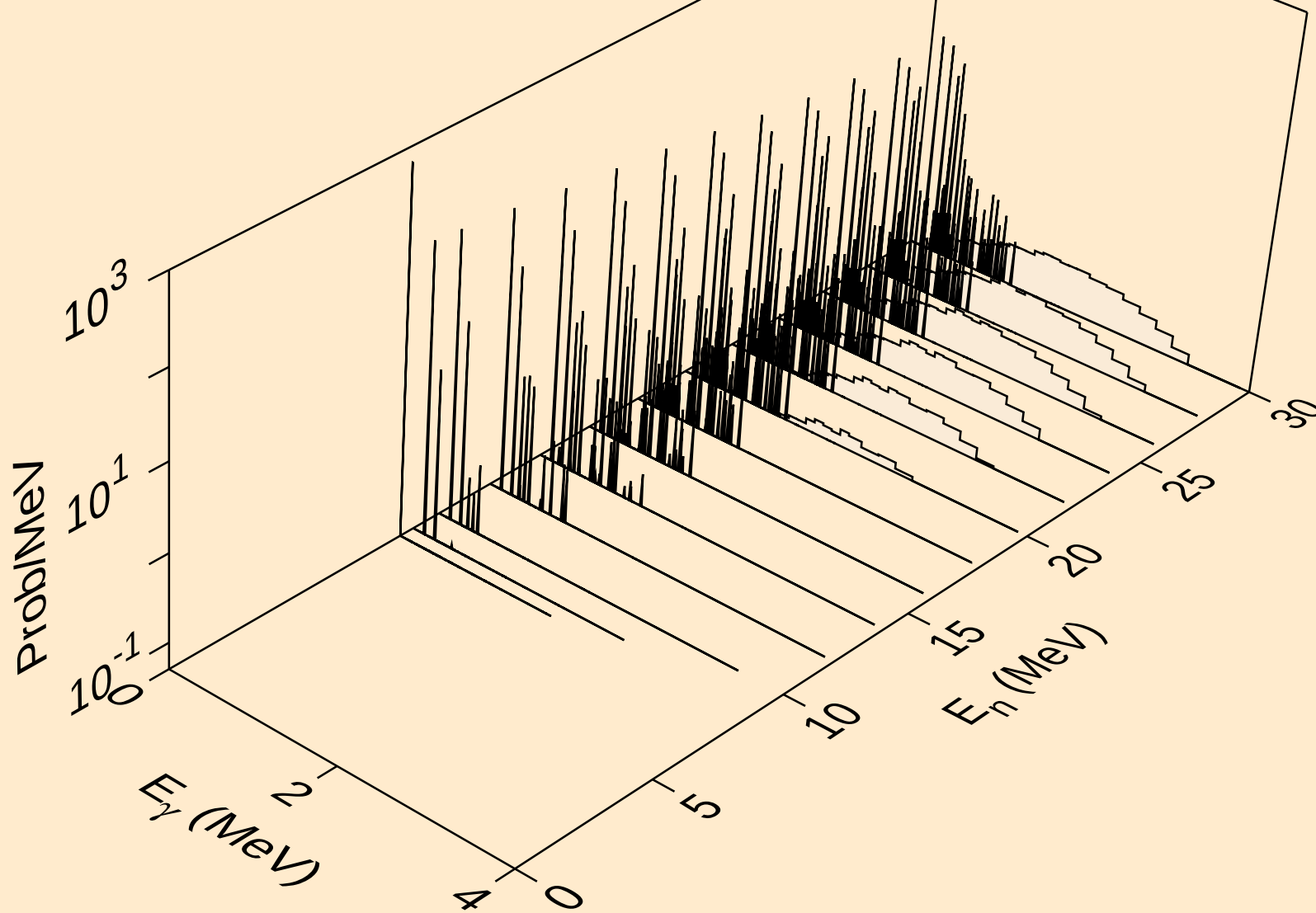
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



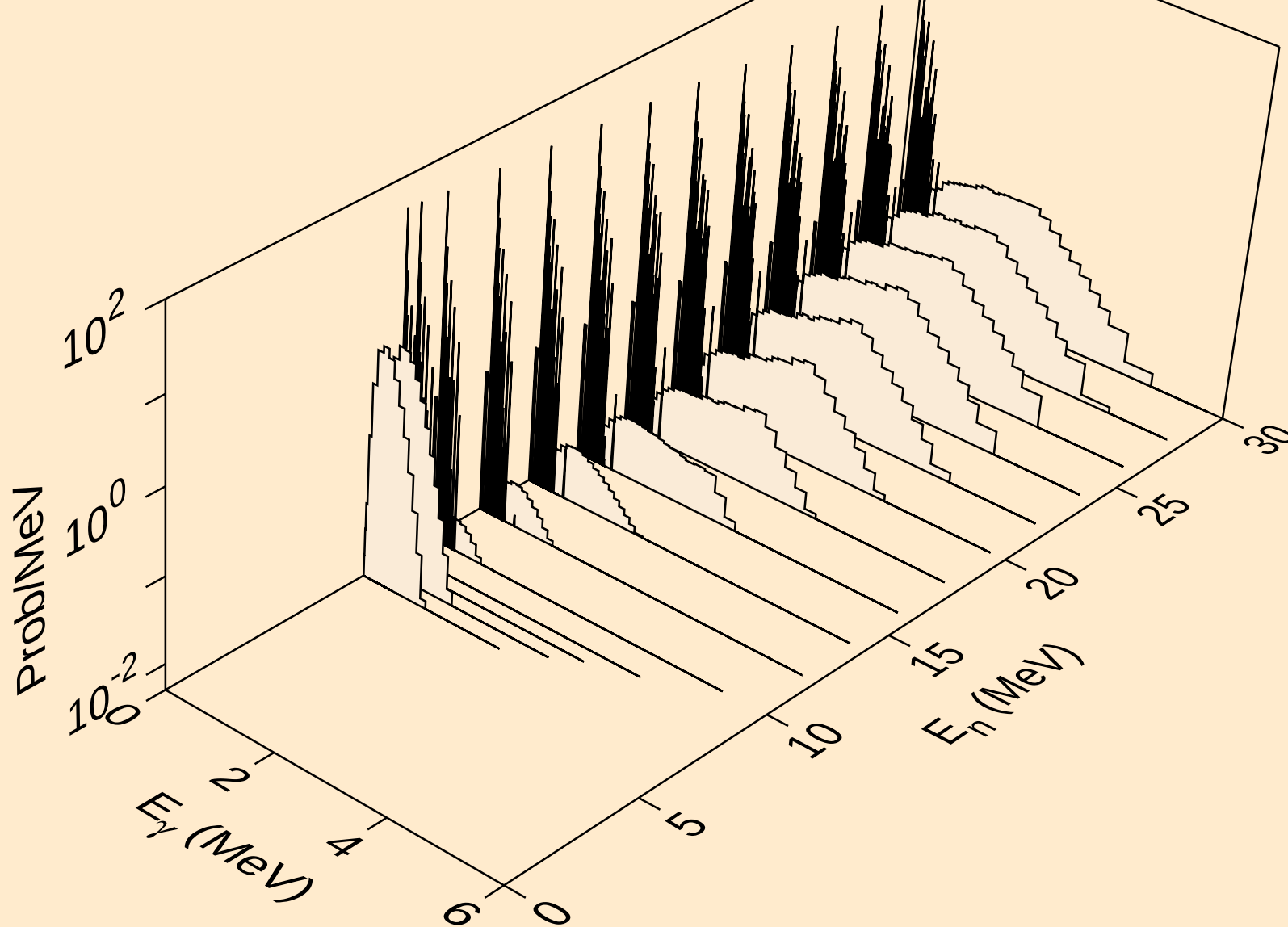
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



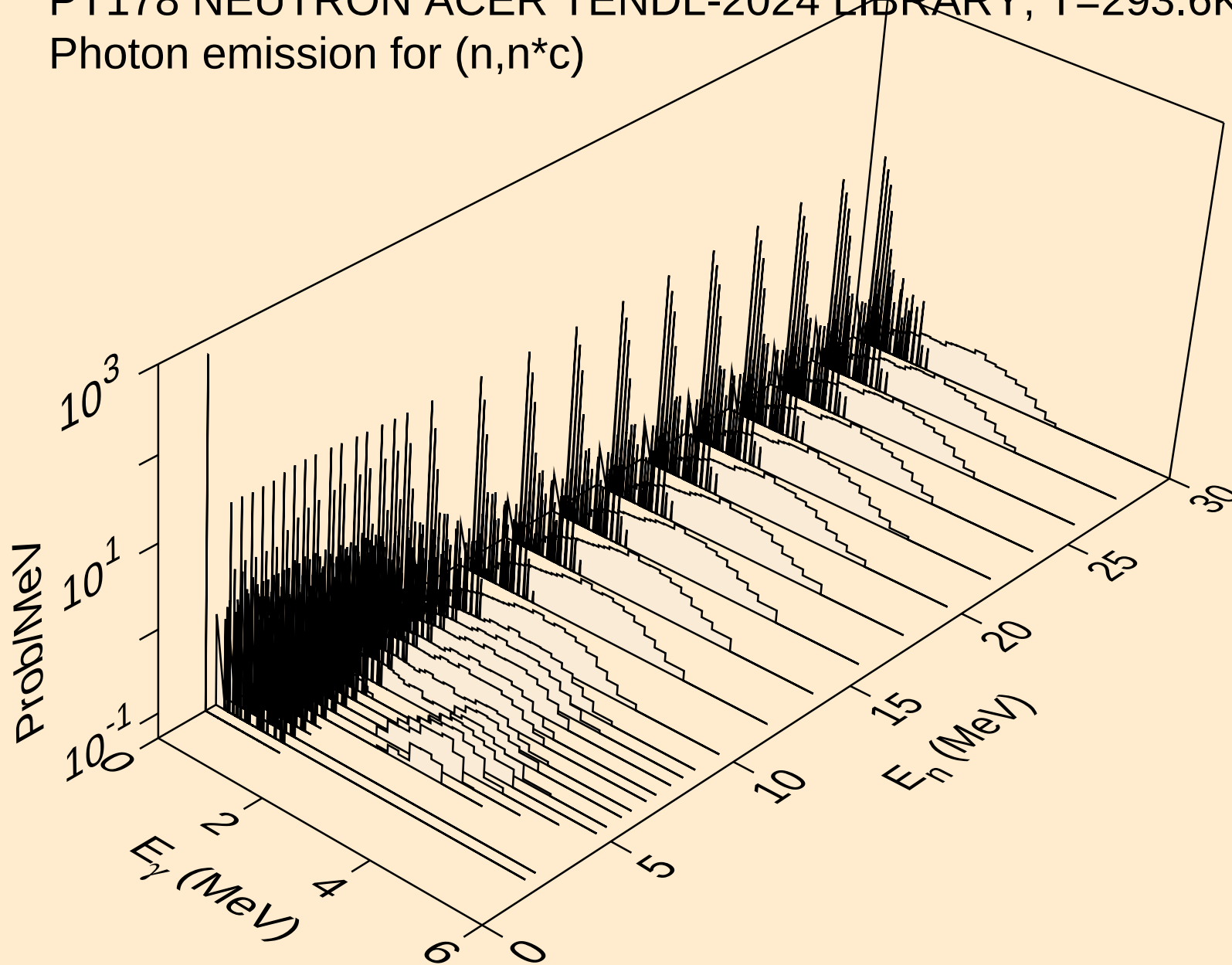
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



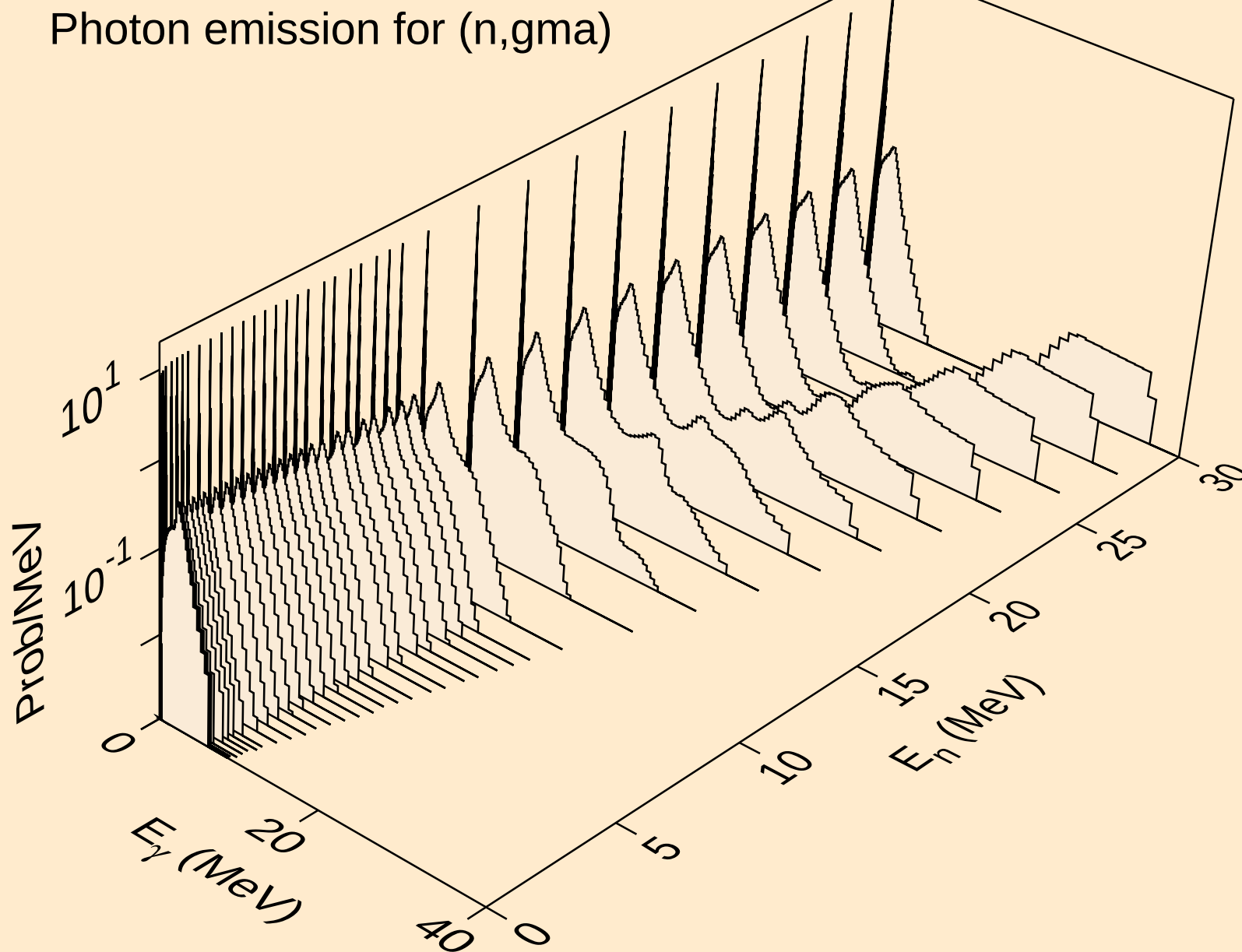
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



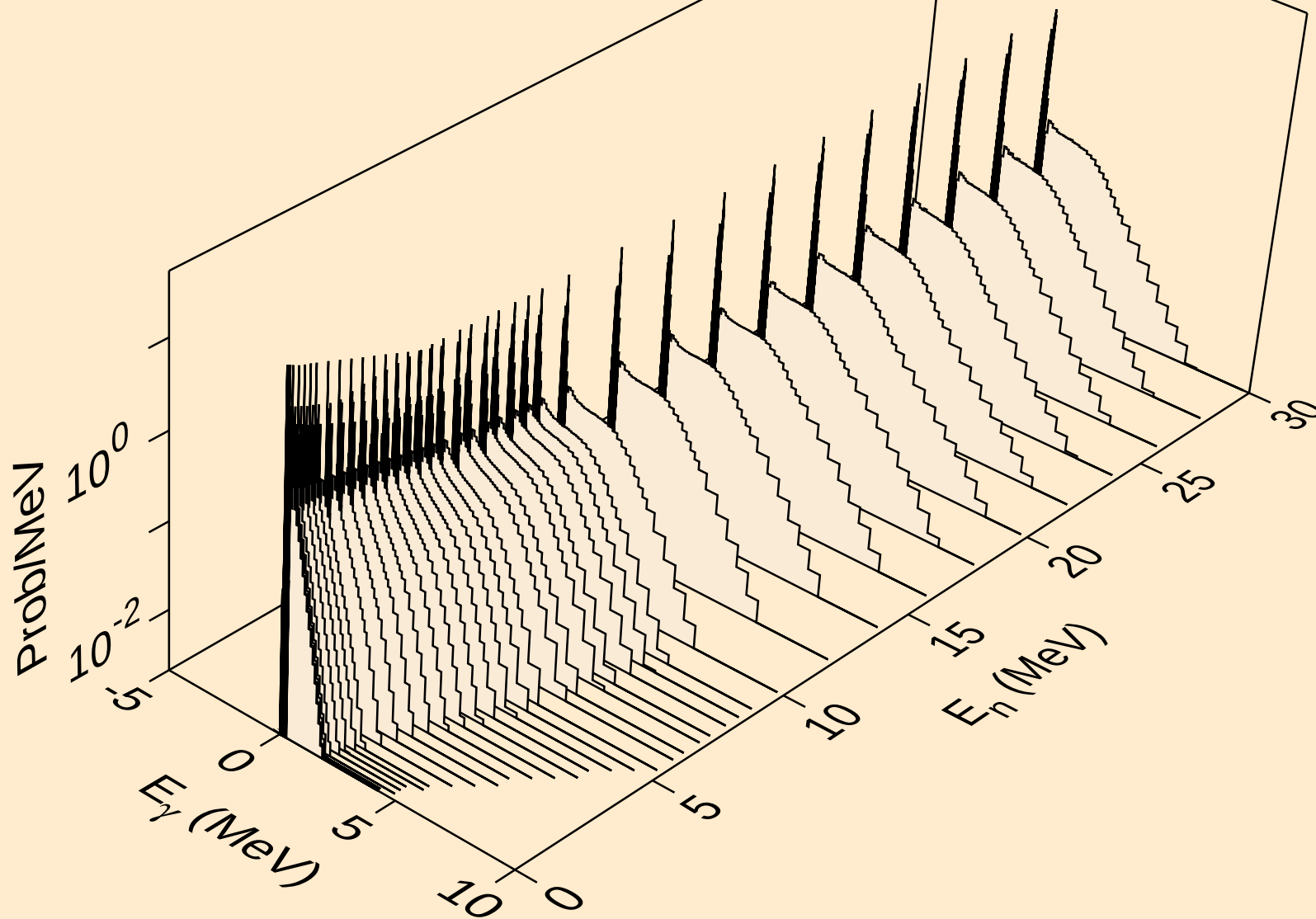
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



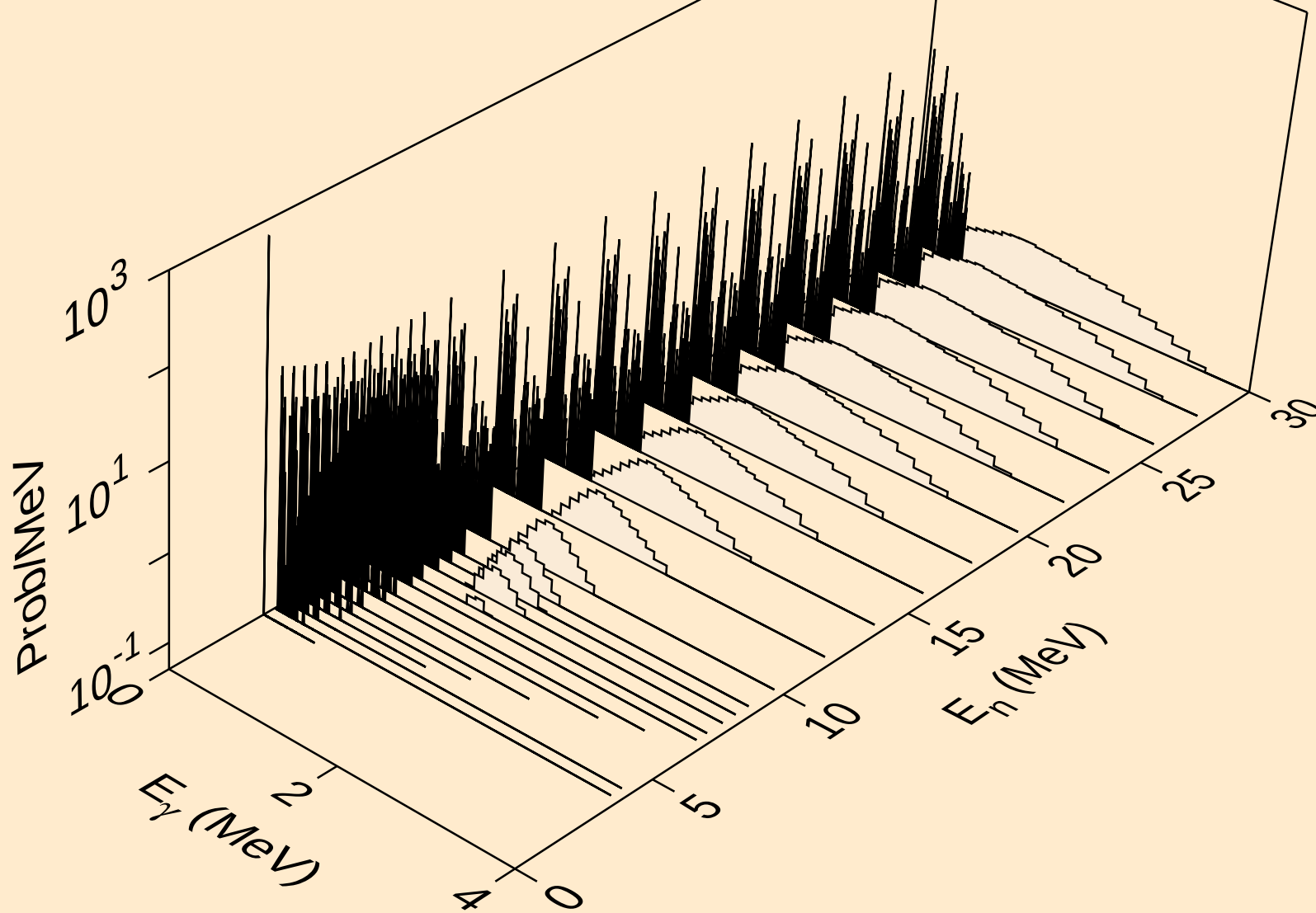
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



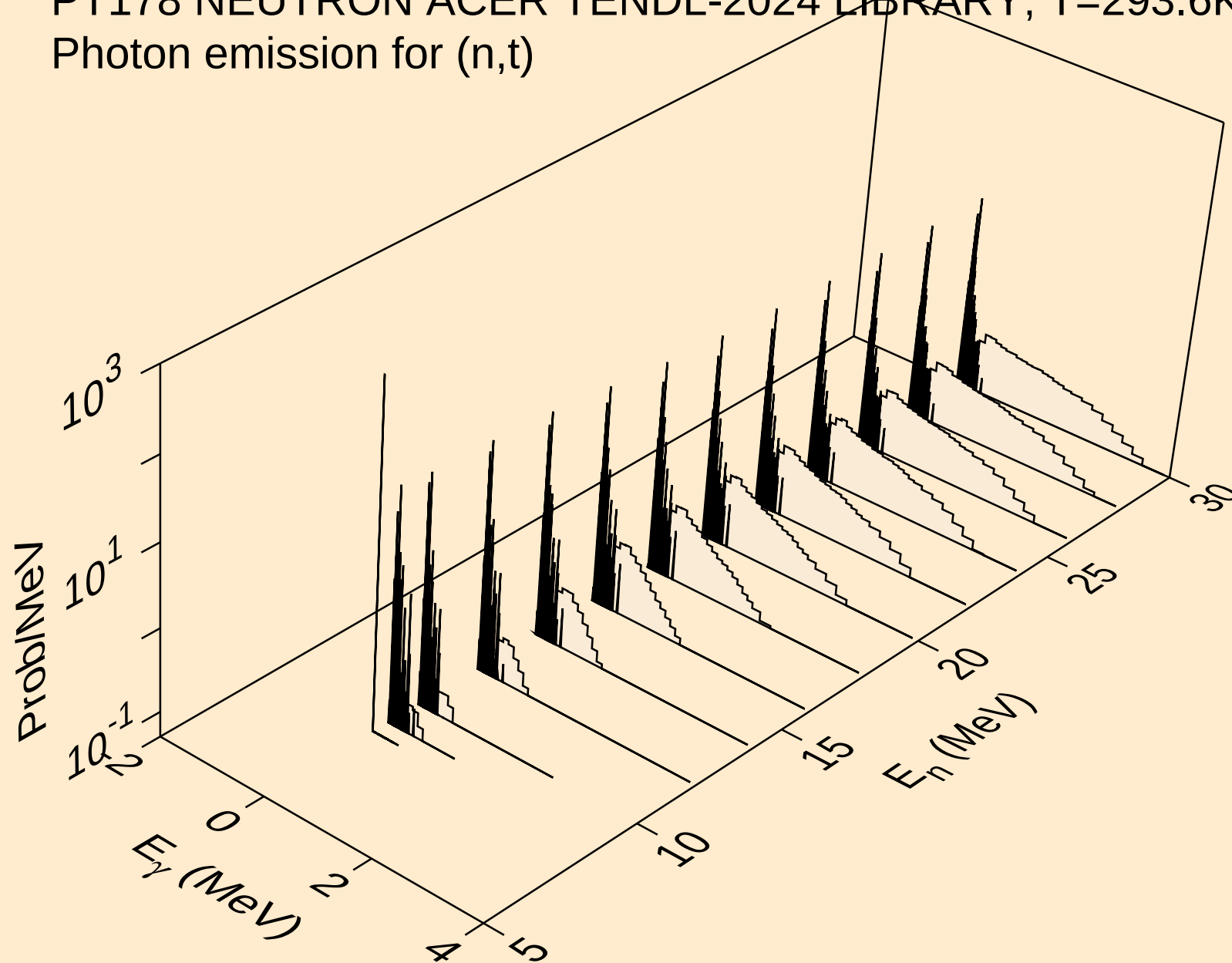
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



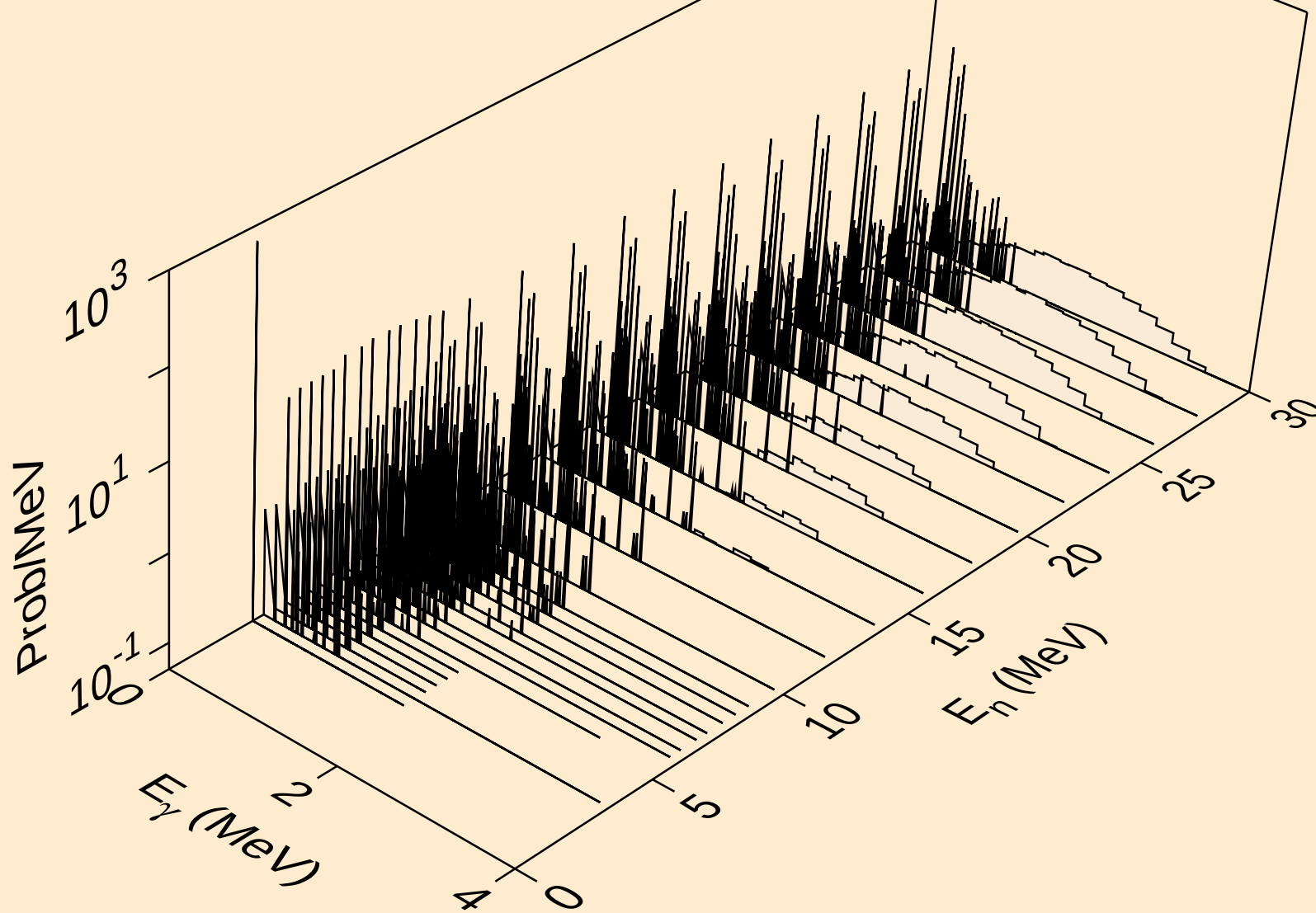
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



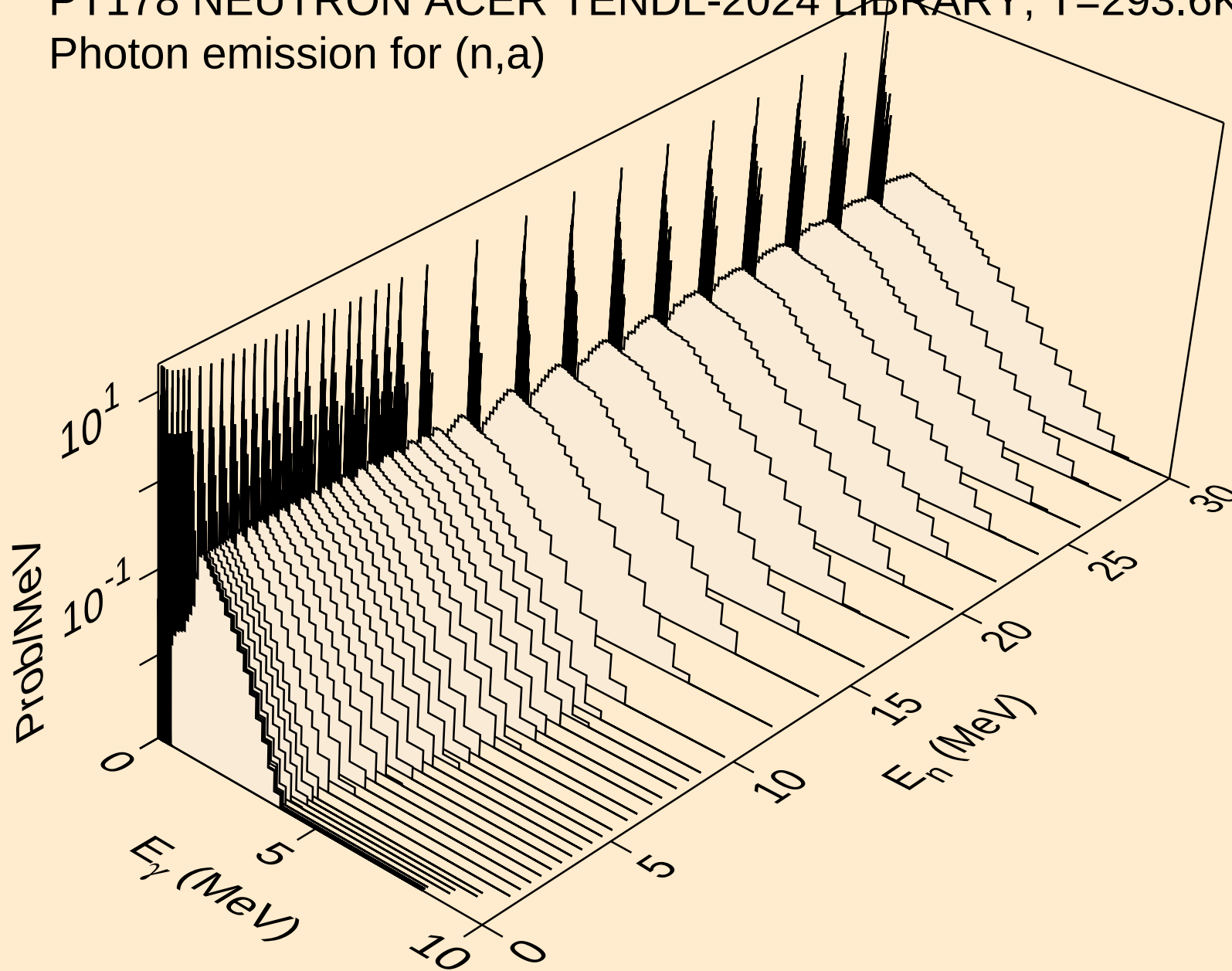
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



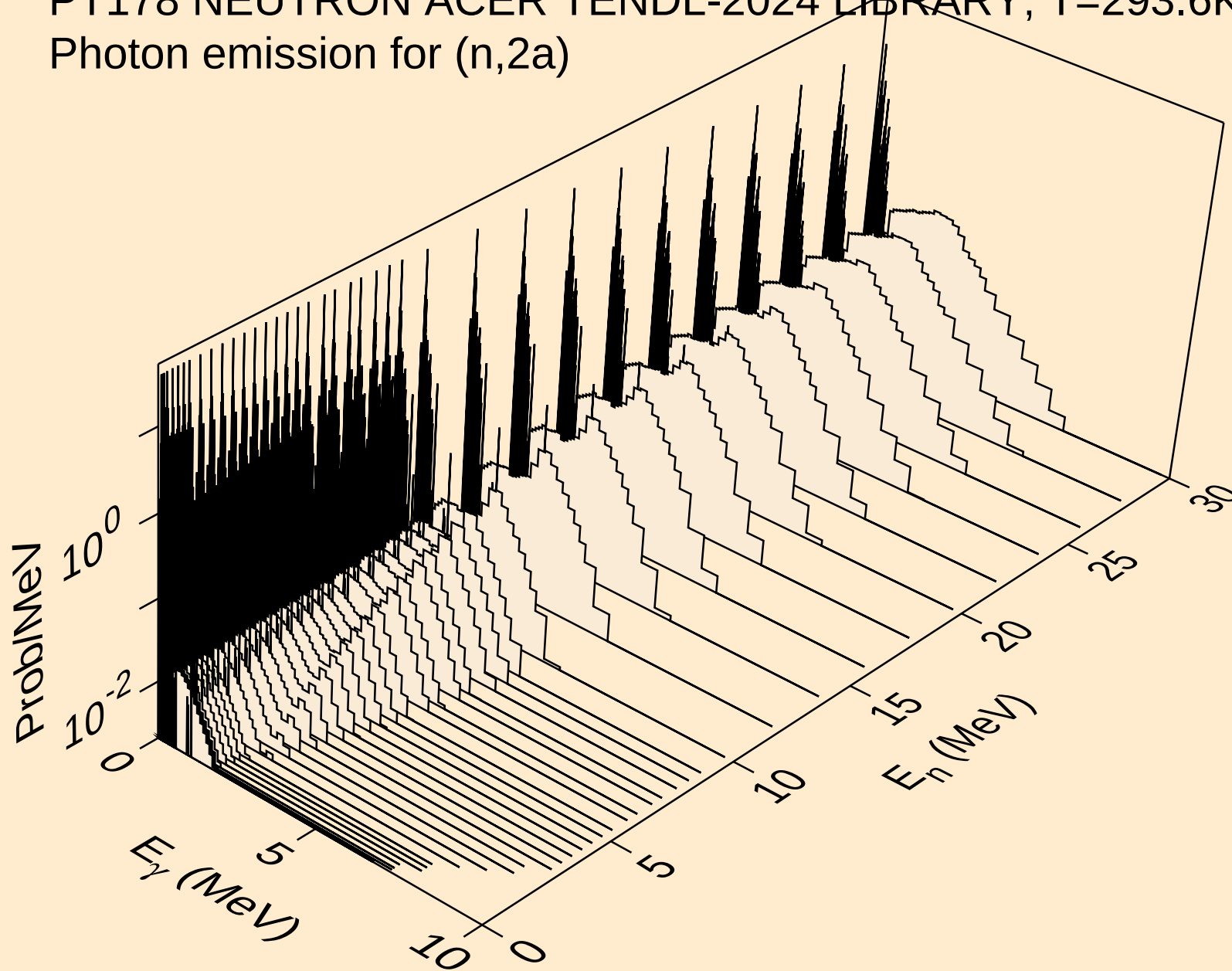
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



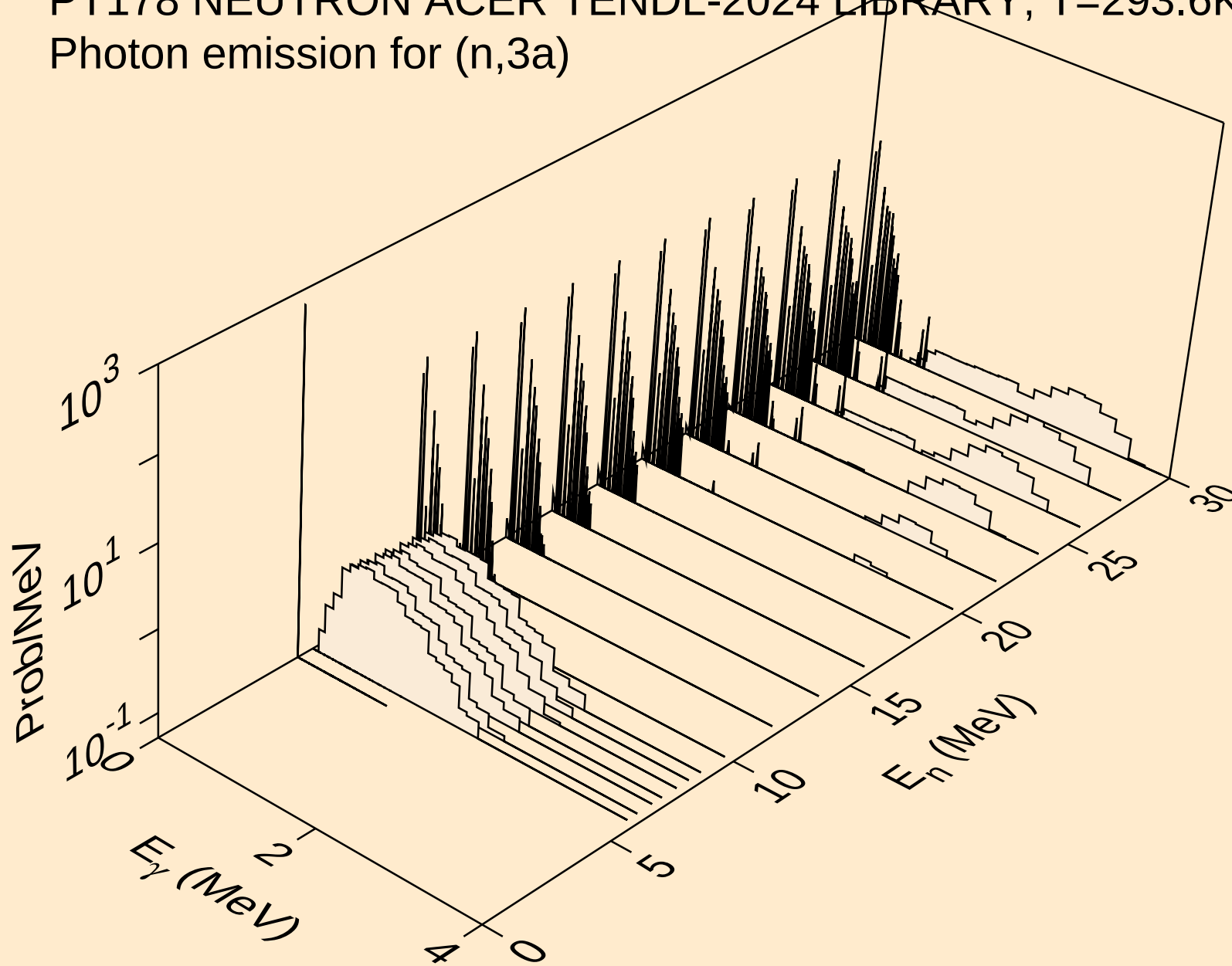
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



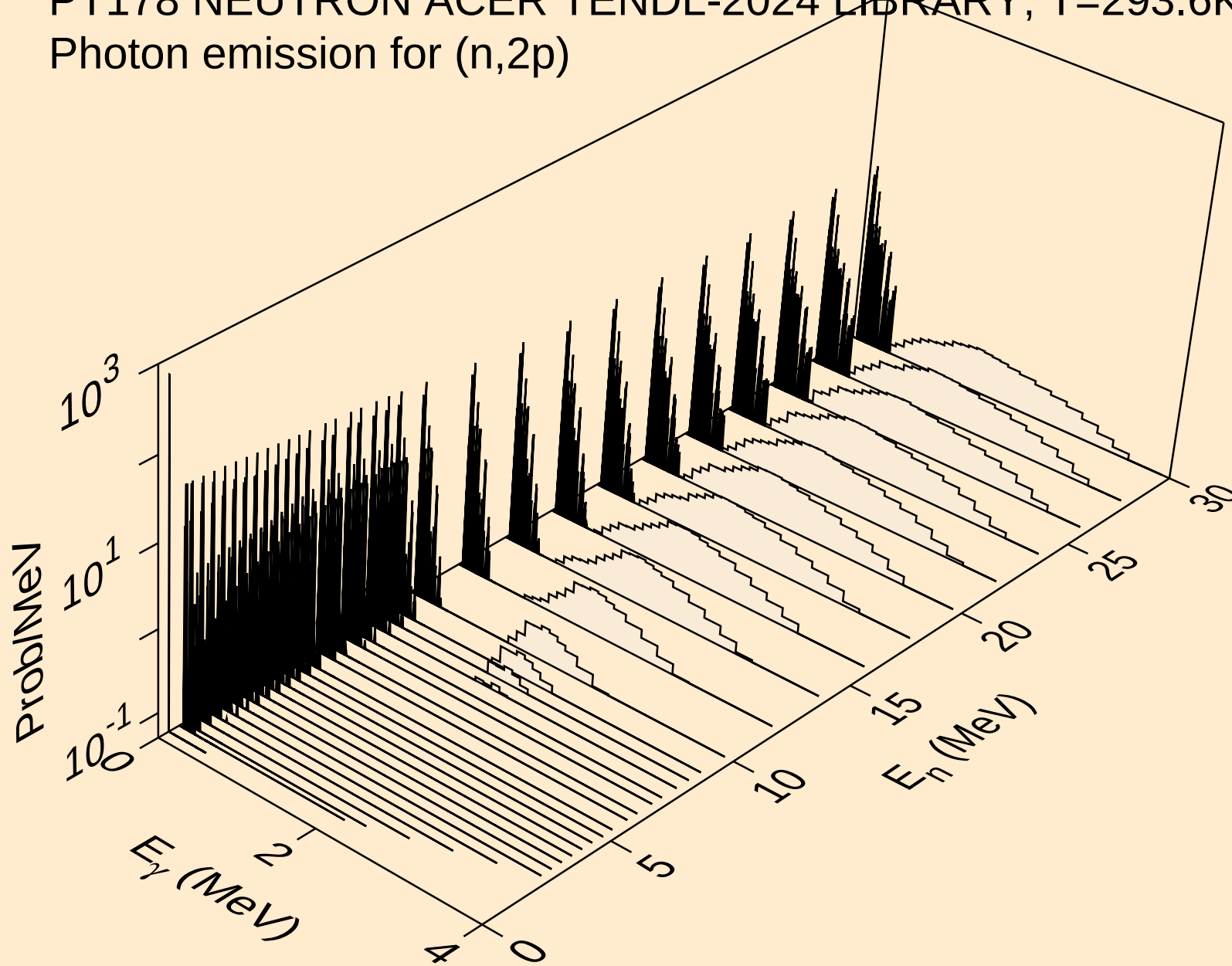
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



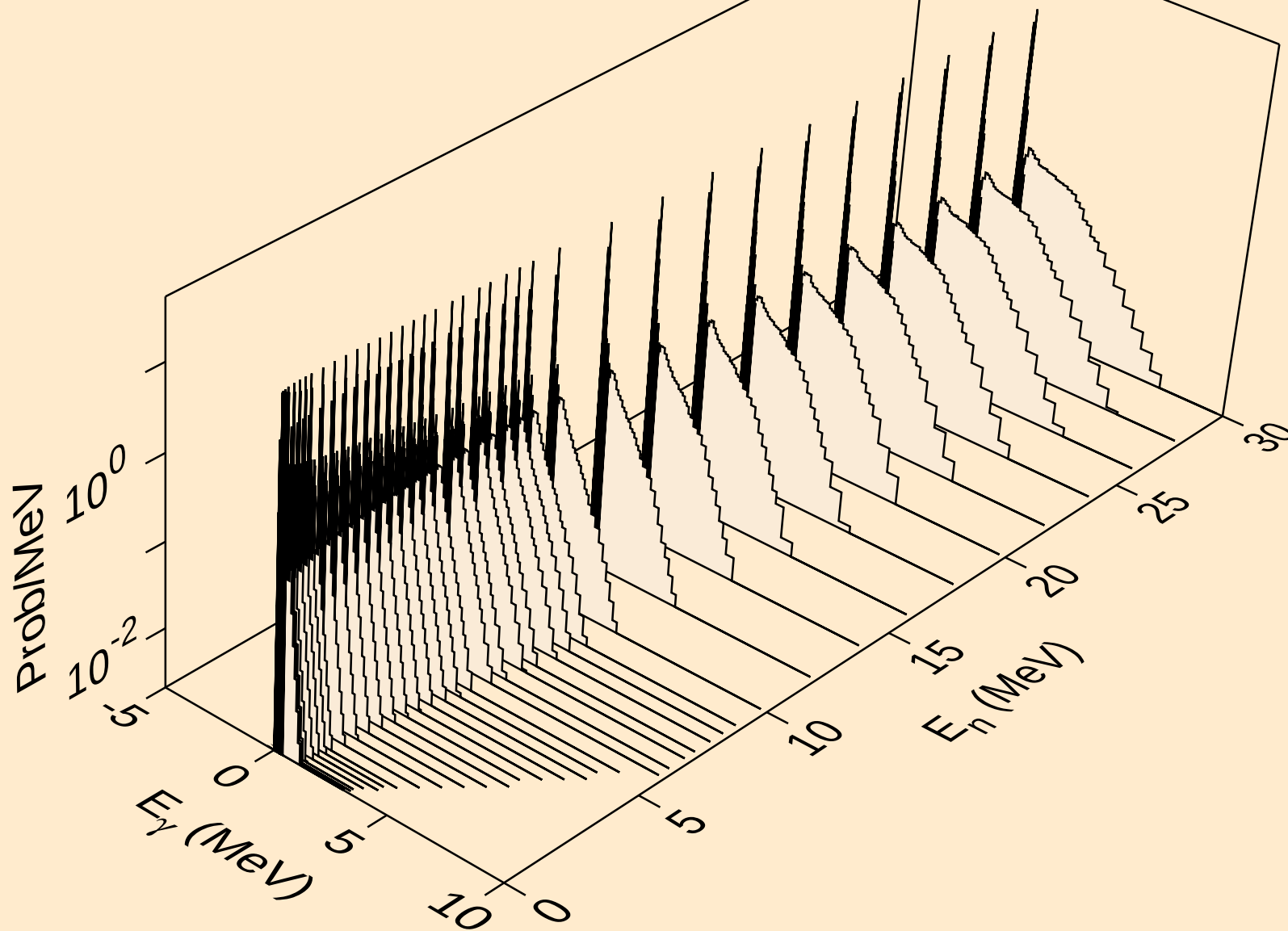
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3a)



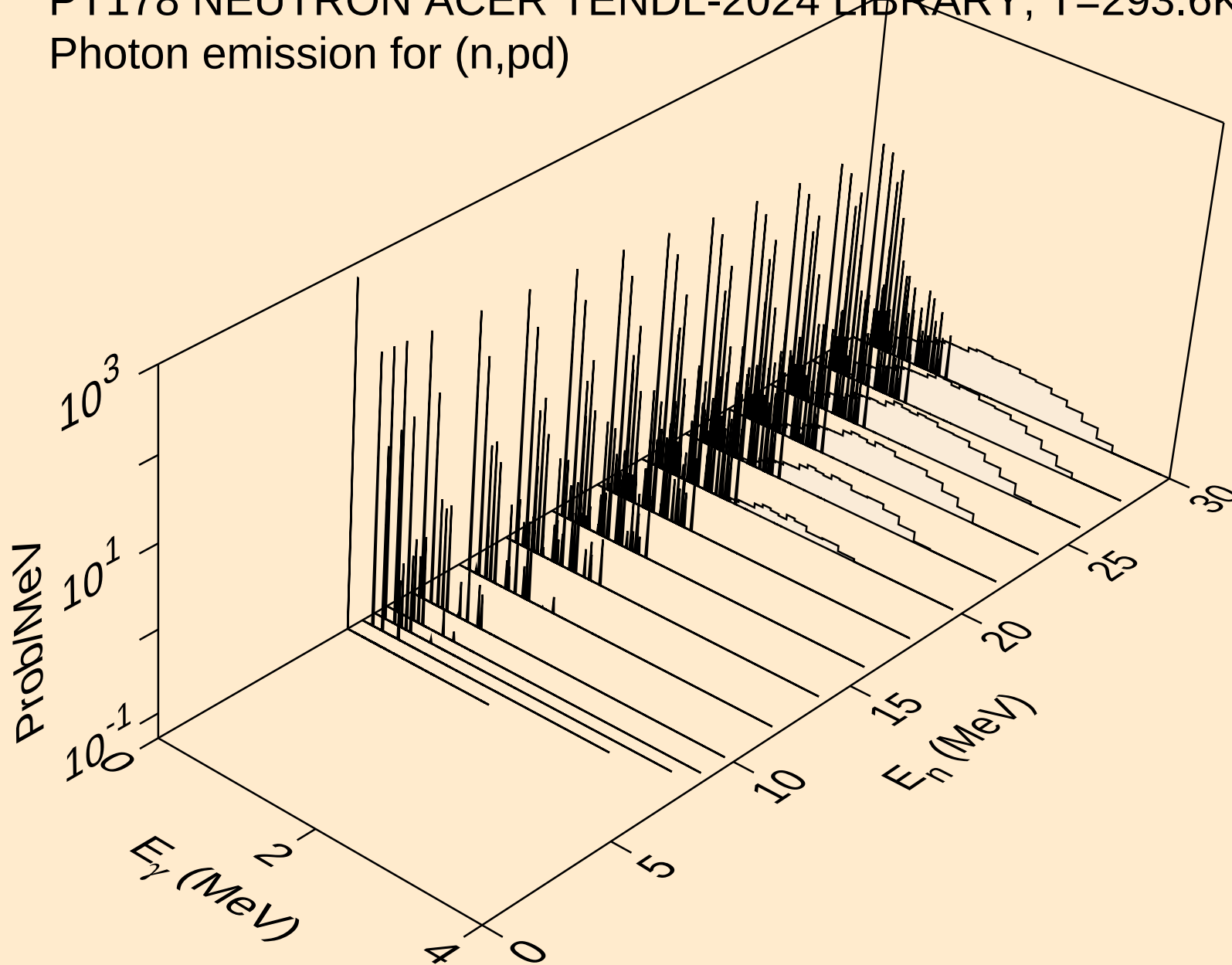
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



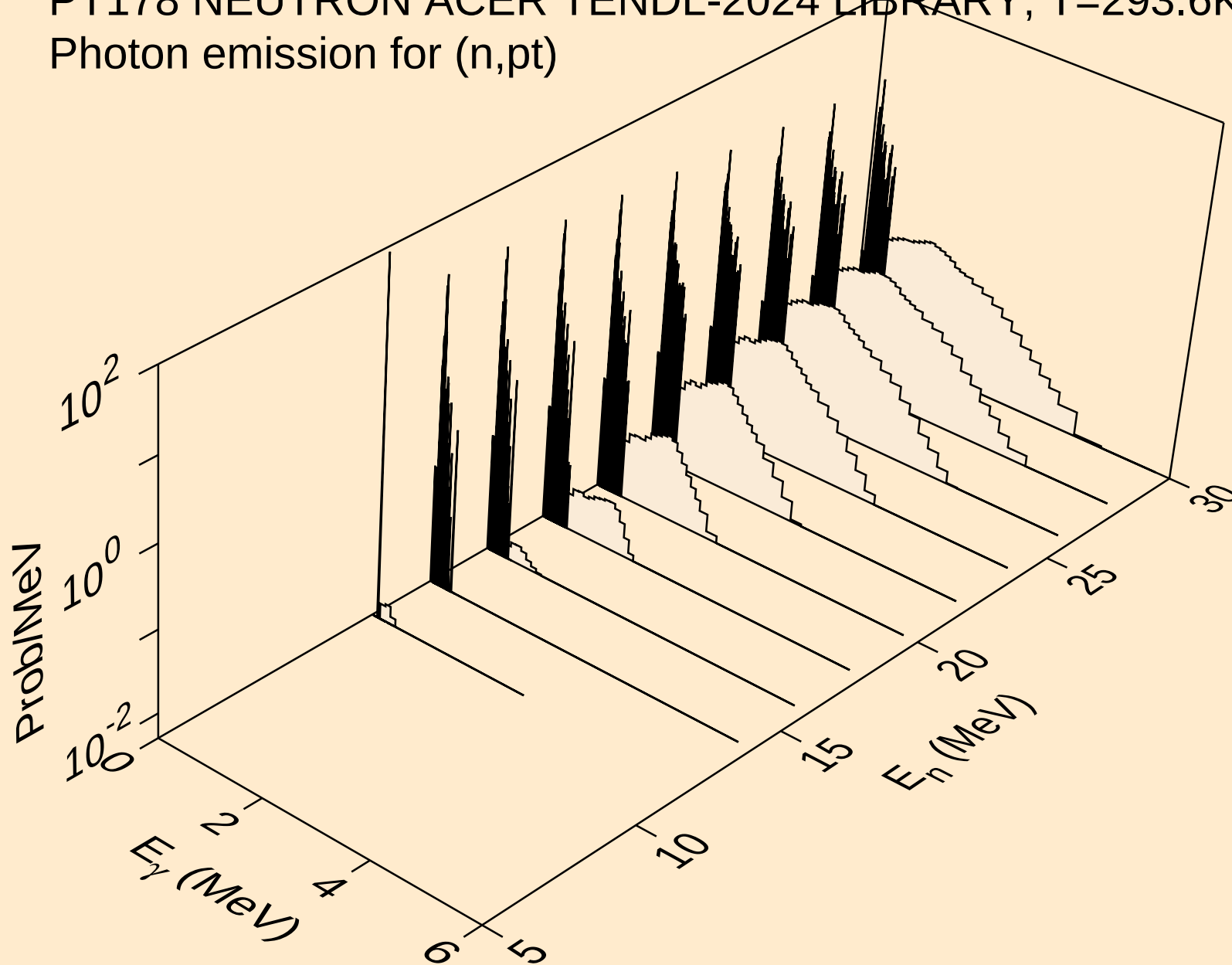
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



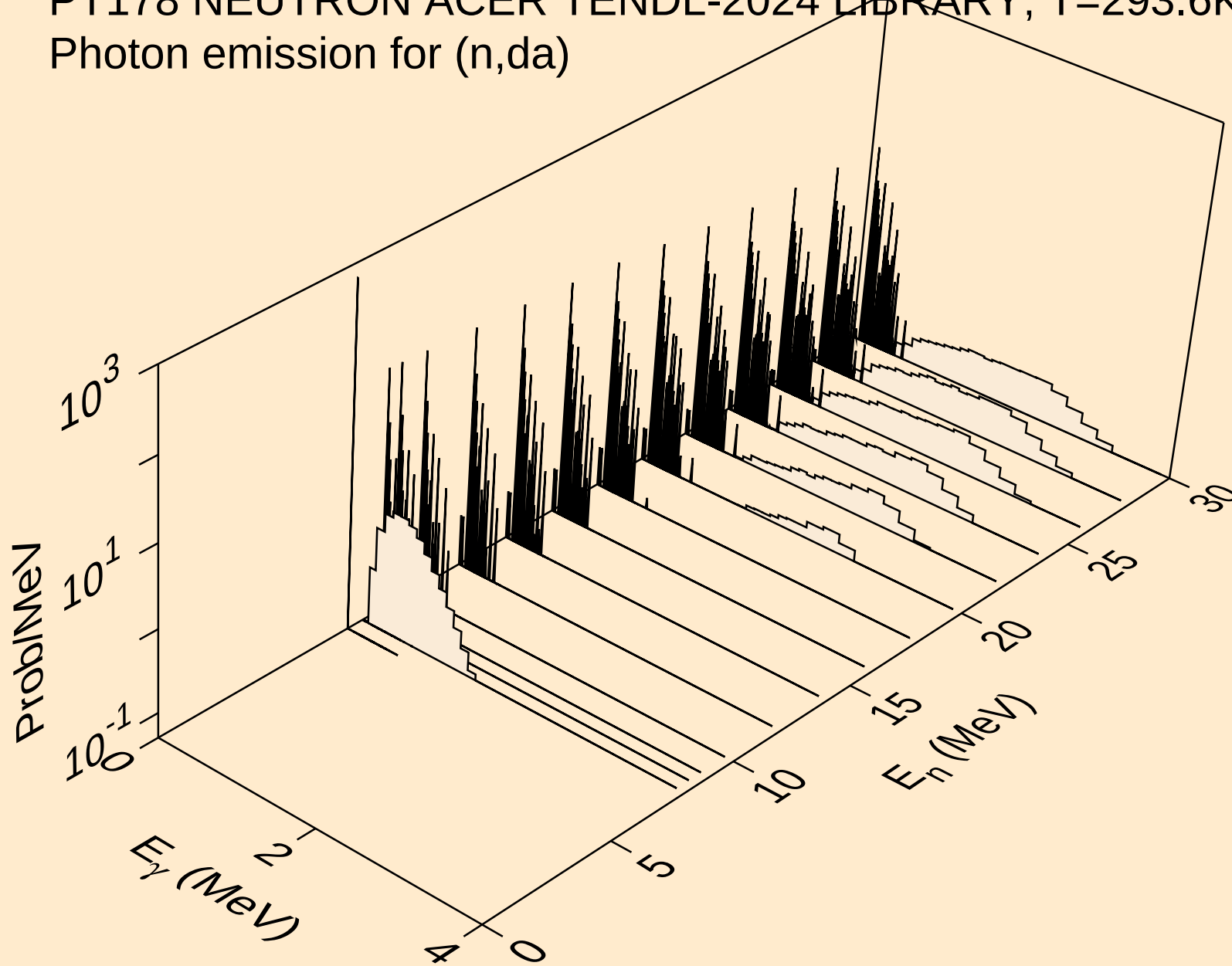
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



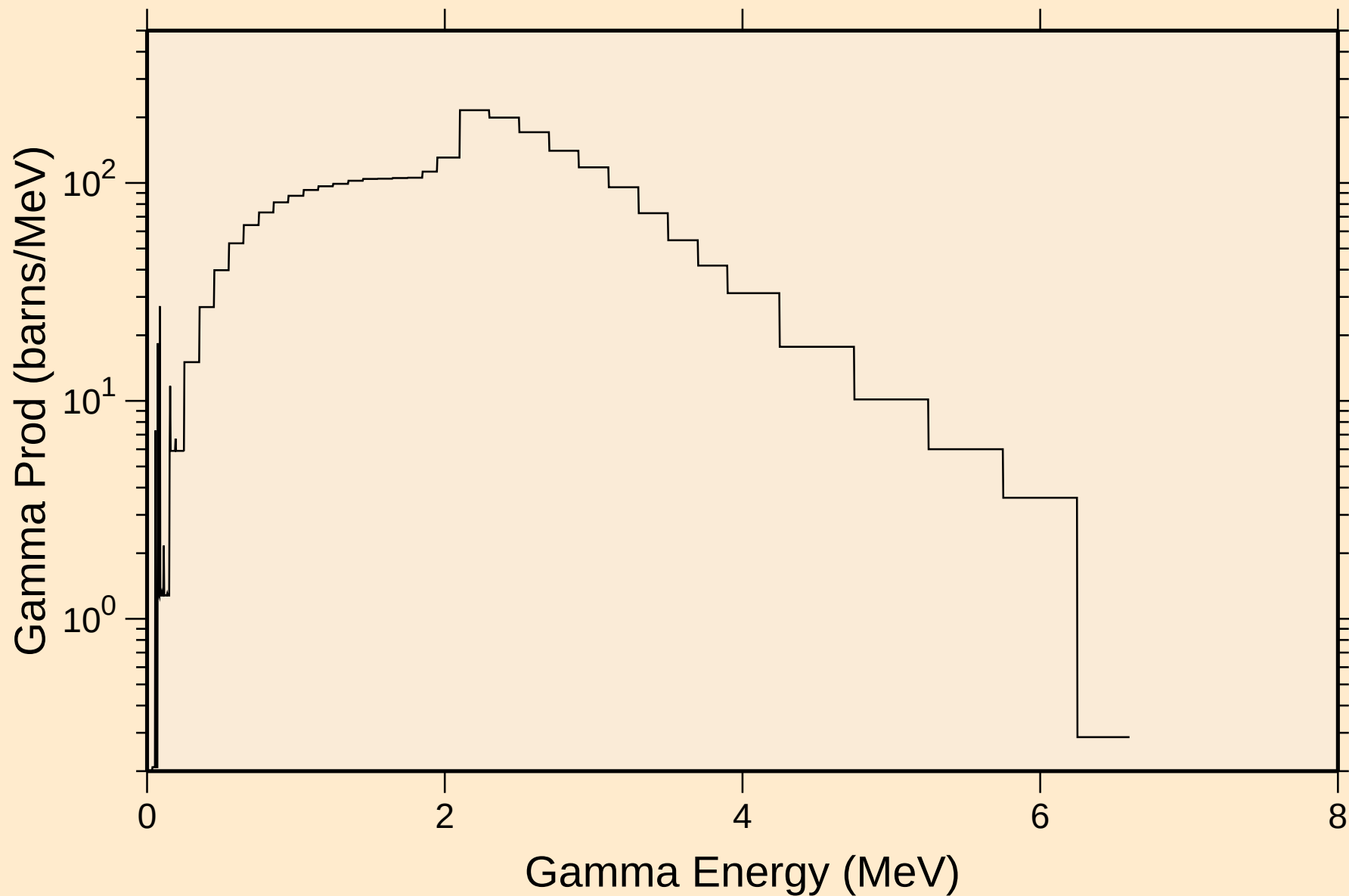
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



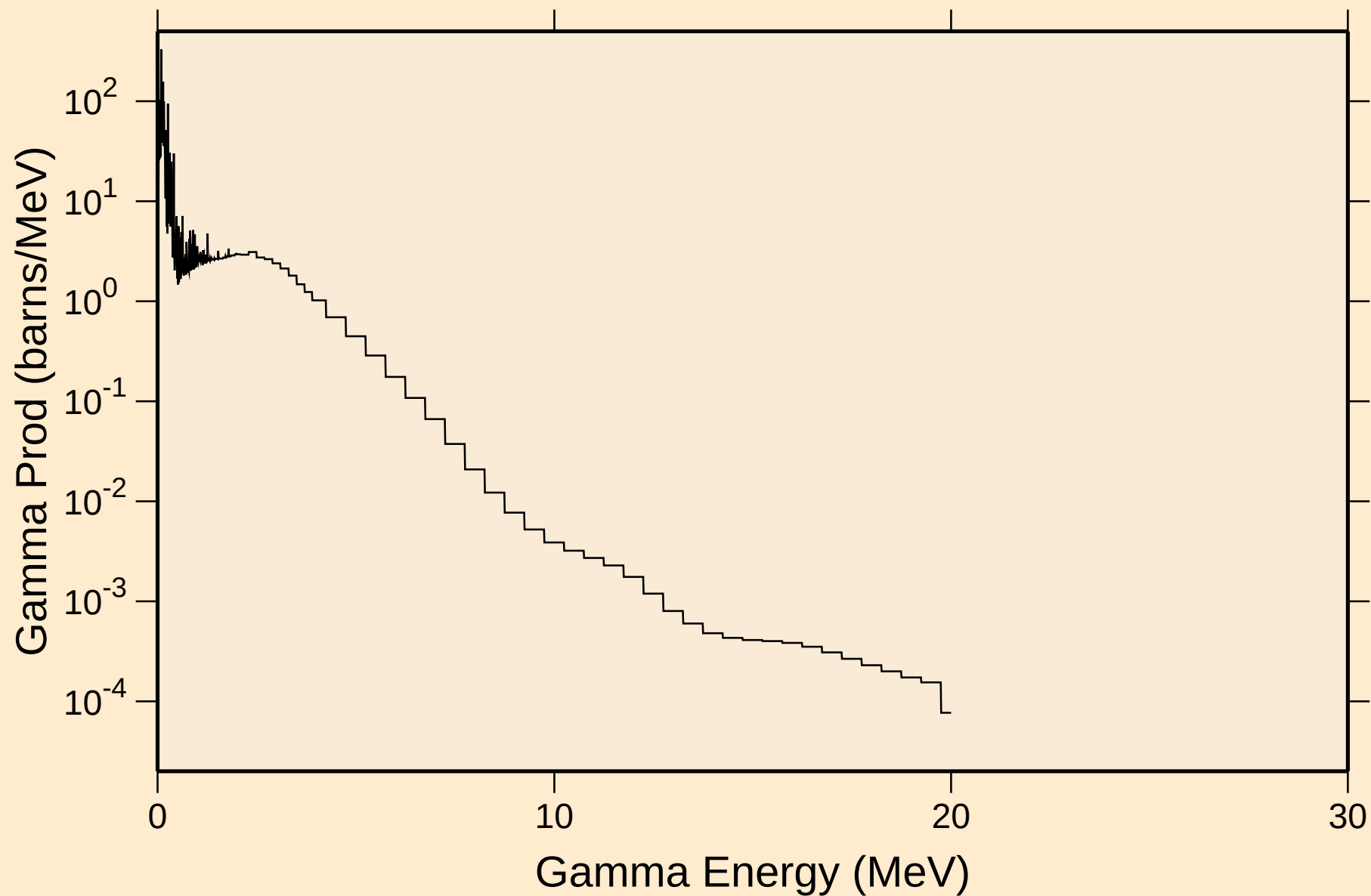
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



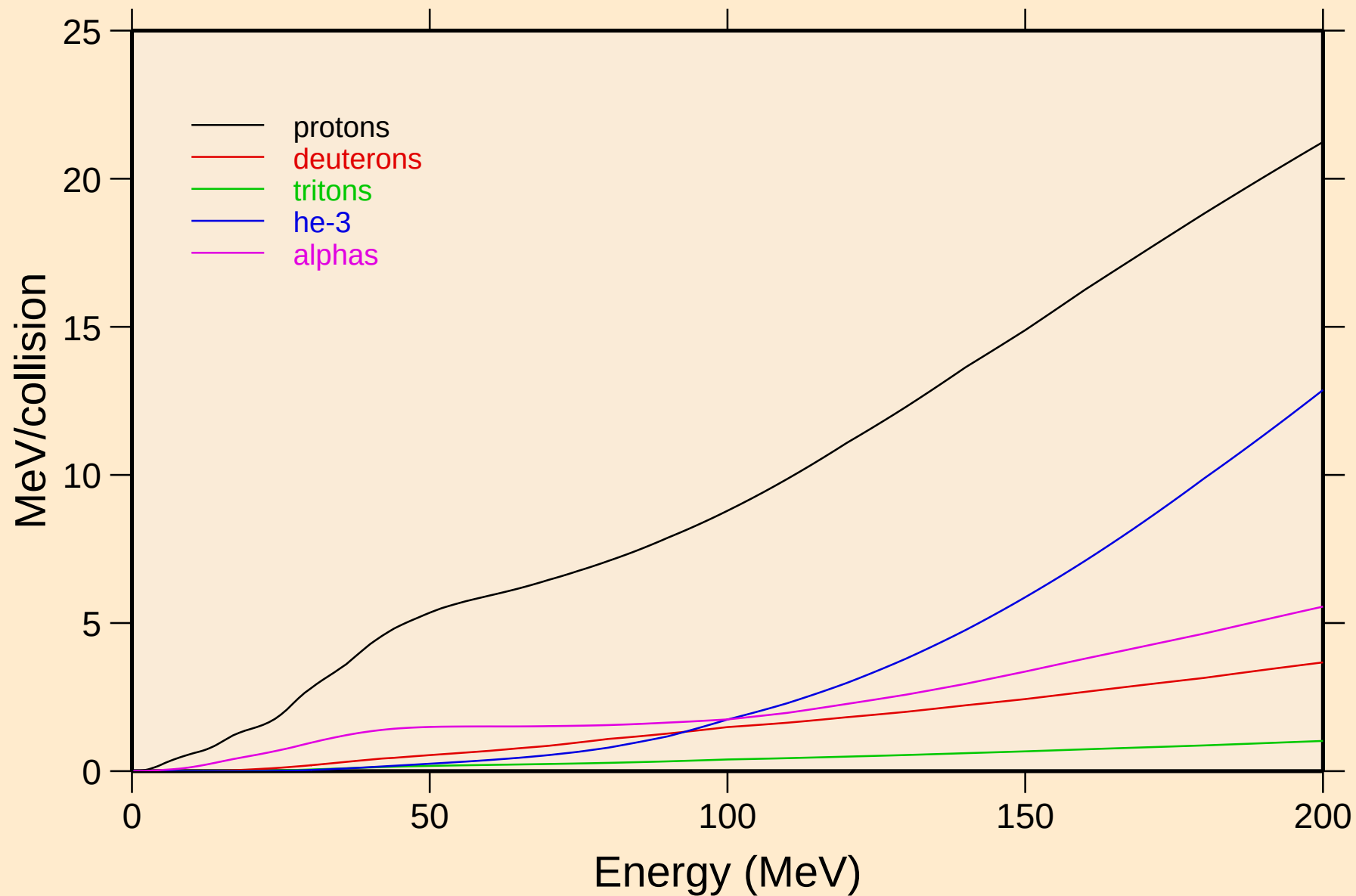
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



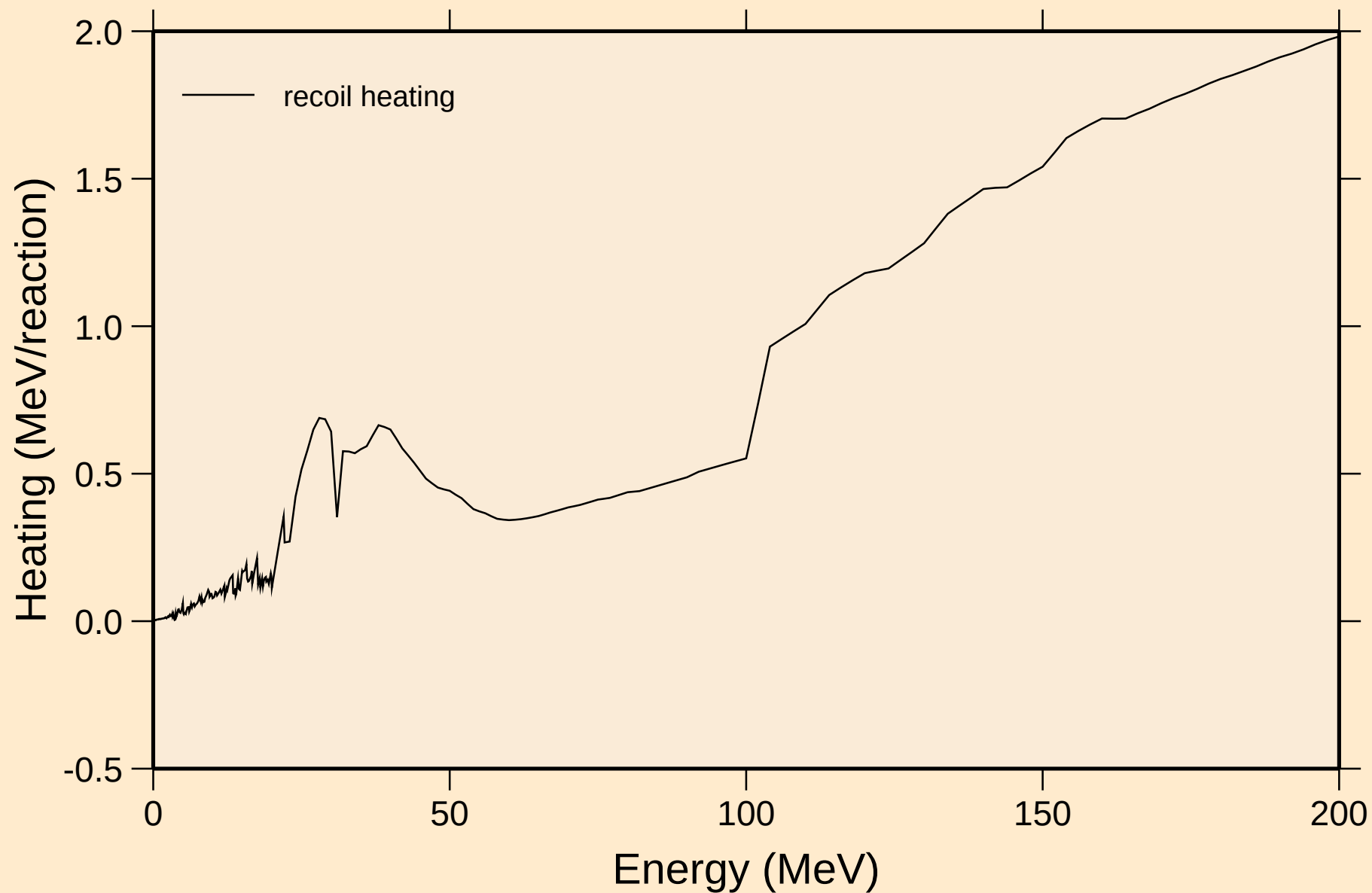
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



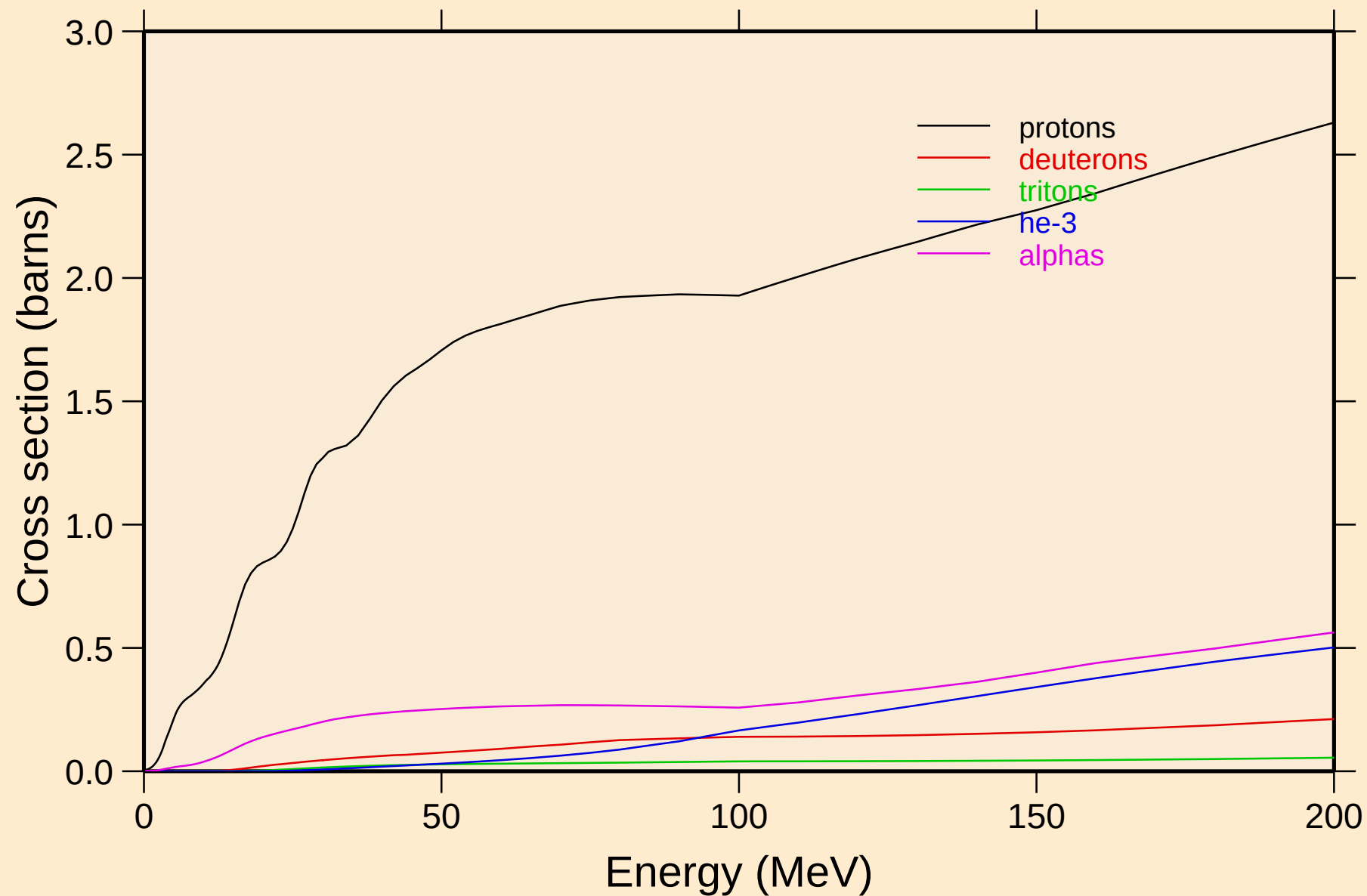
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions



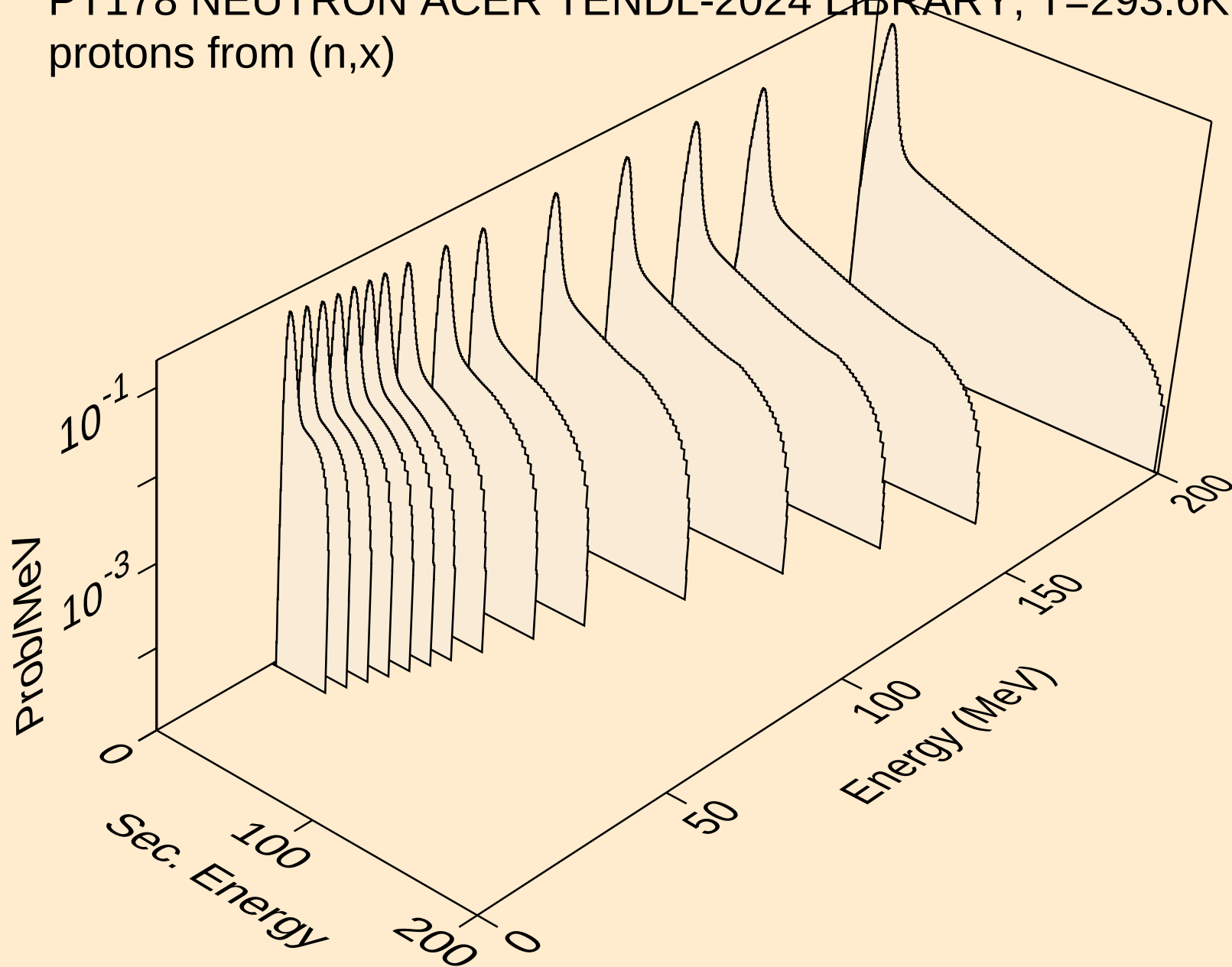
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



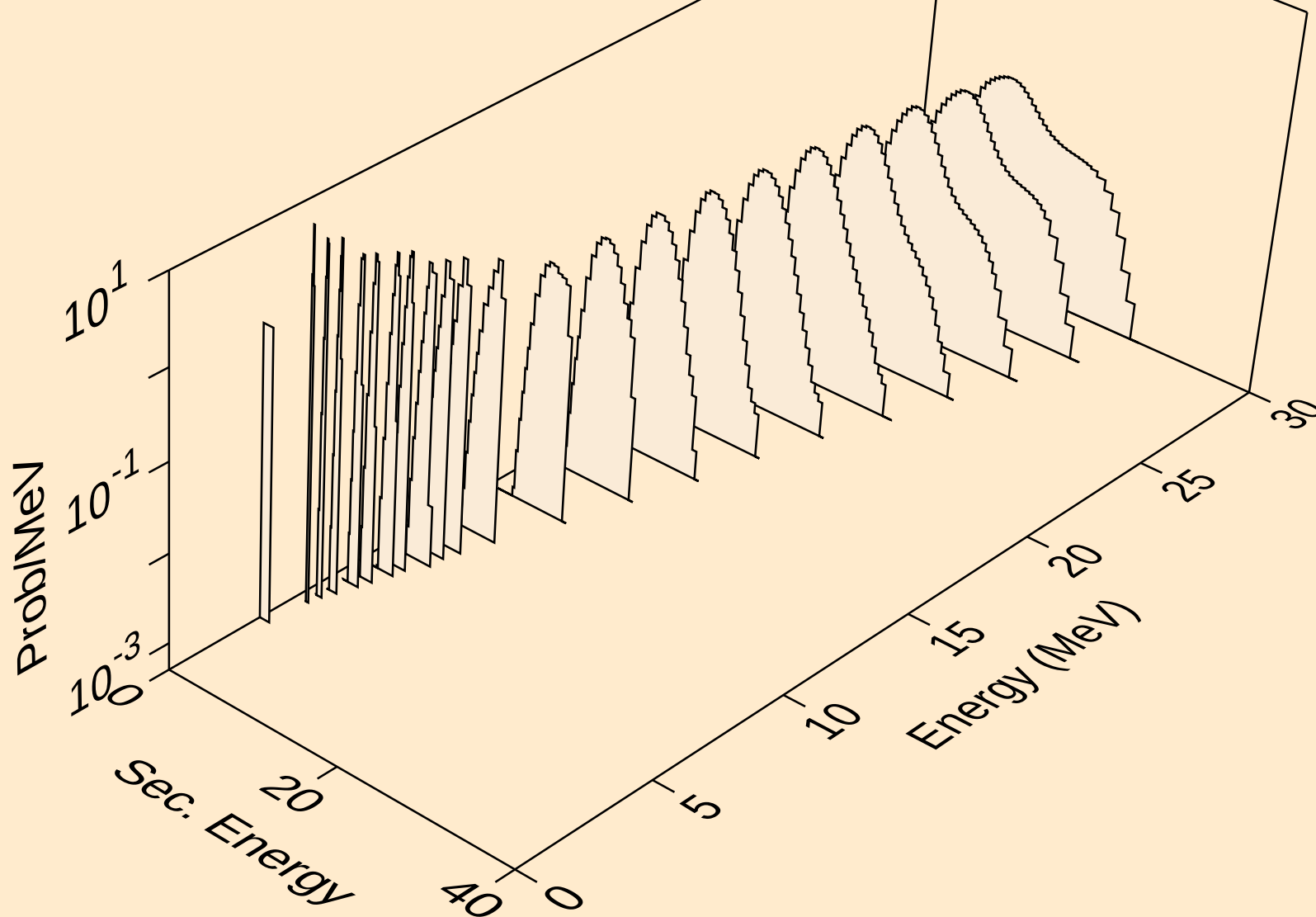
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



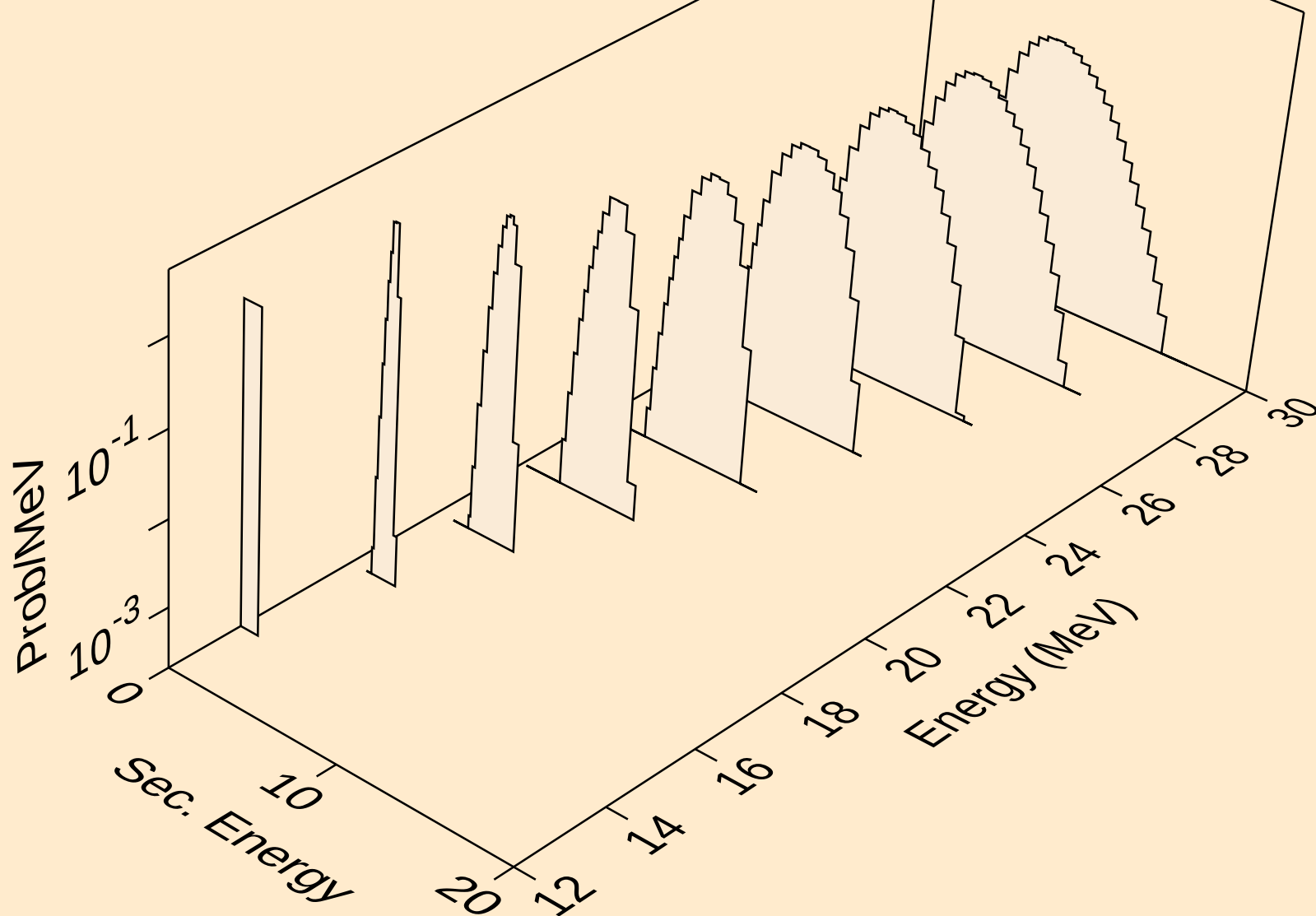
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



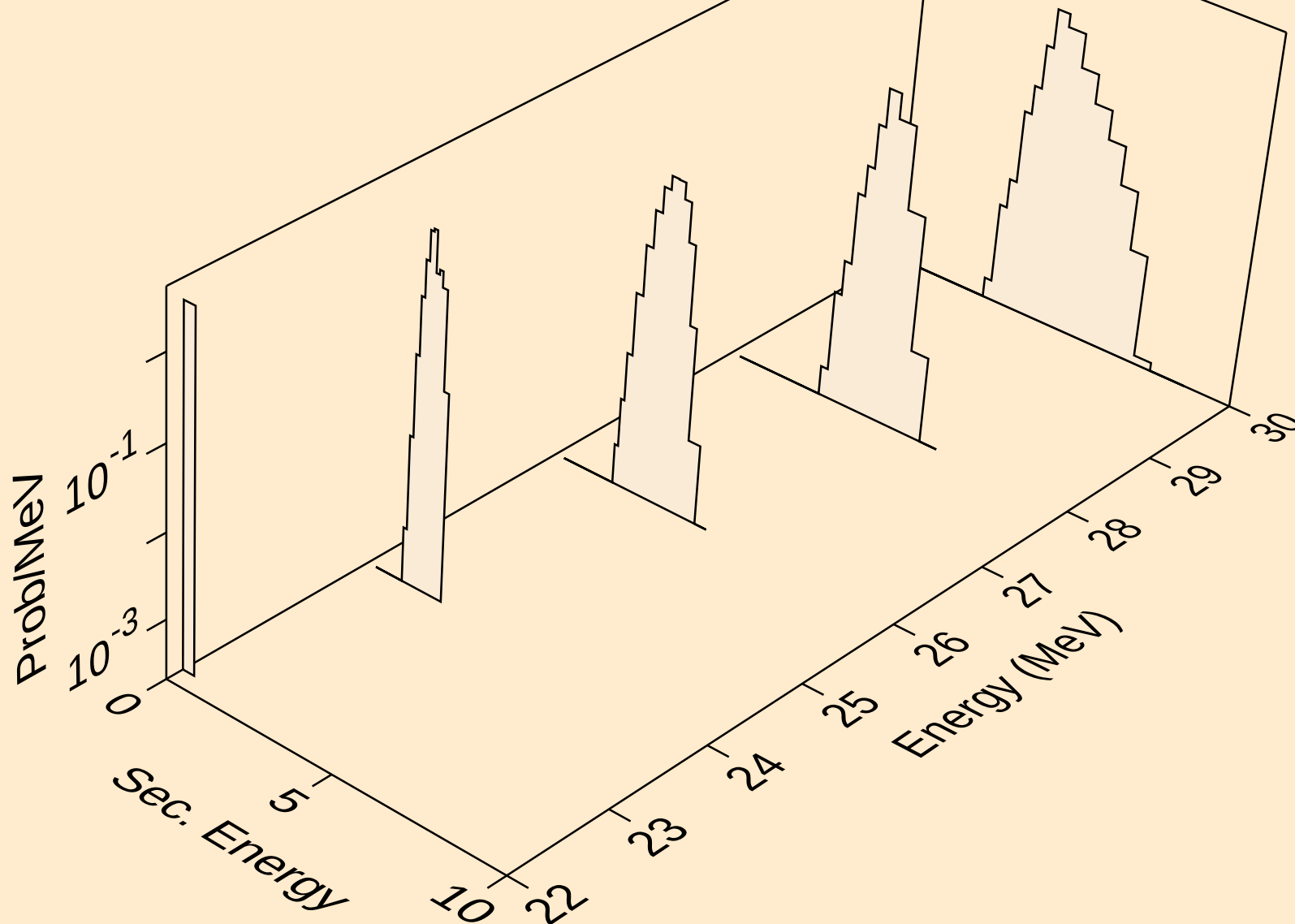
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



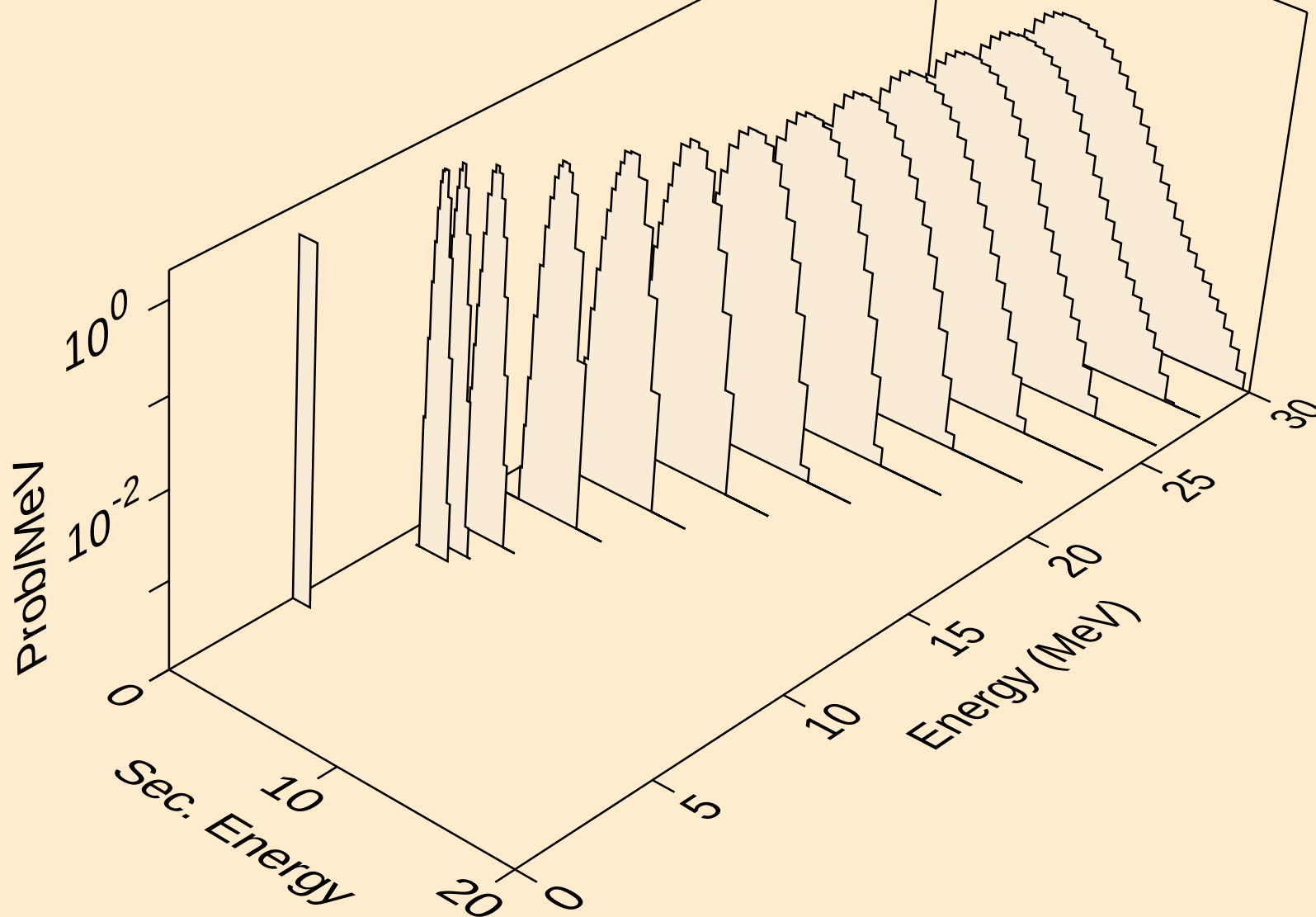
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2np)



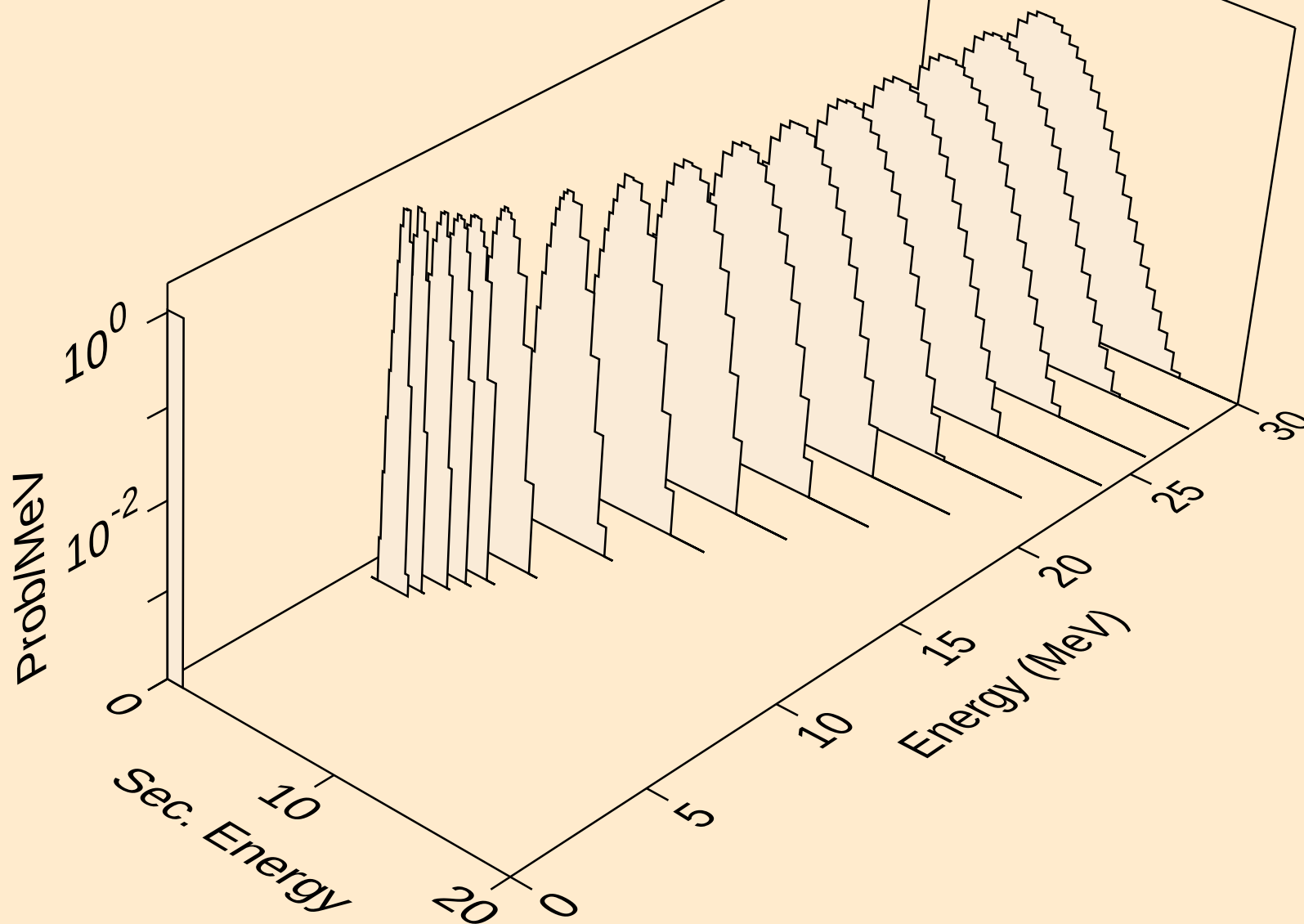
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,3np)



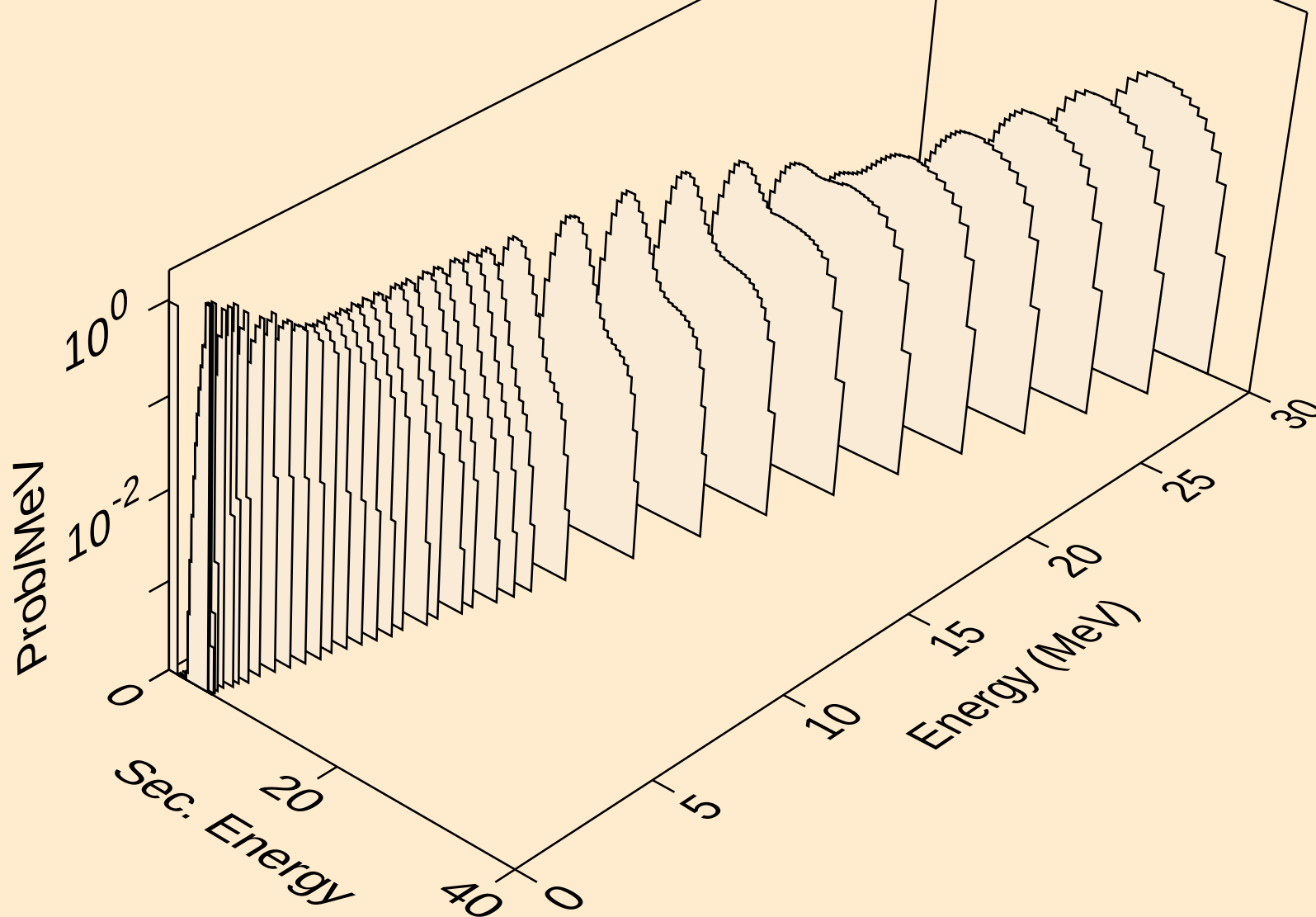
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n2p)



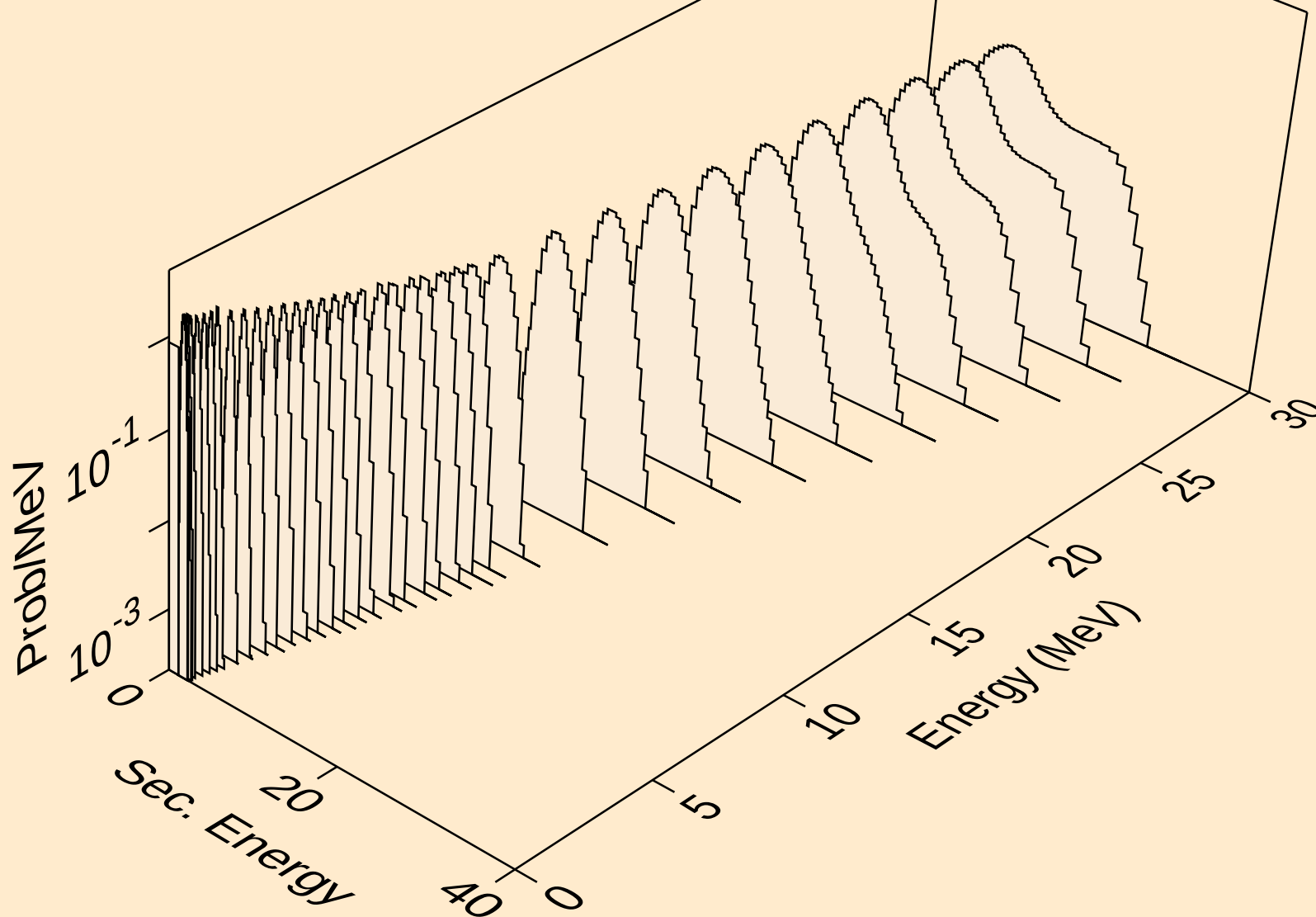
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,npa)



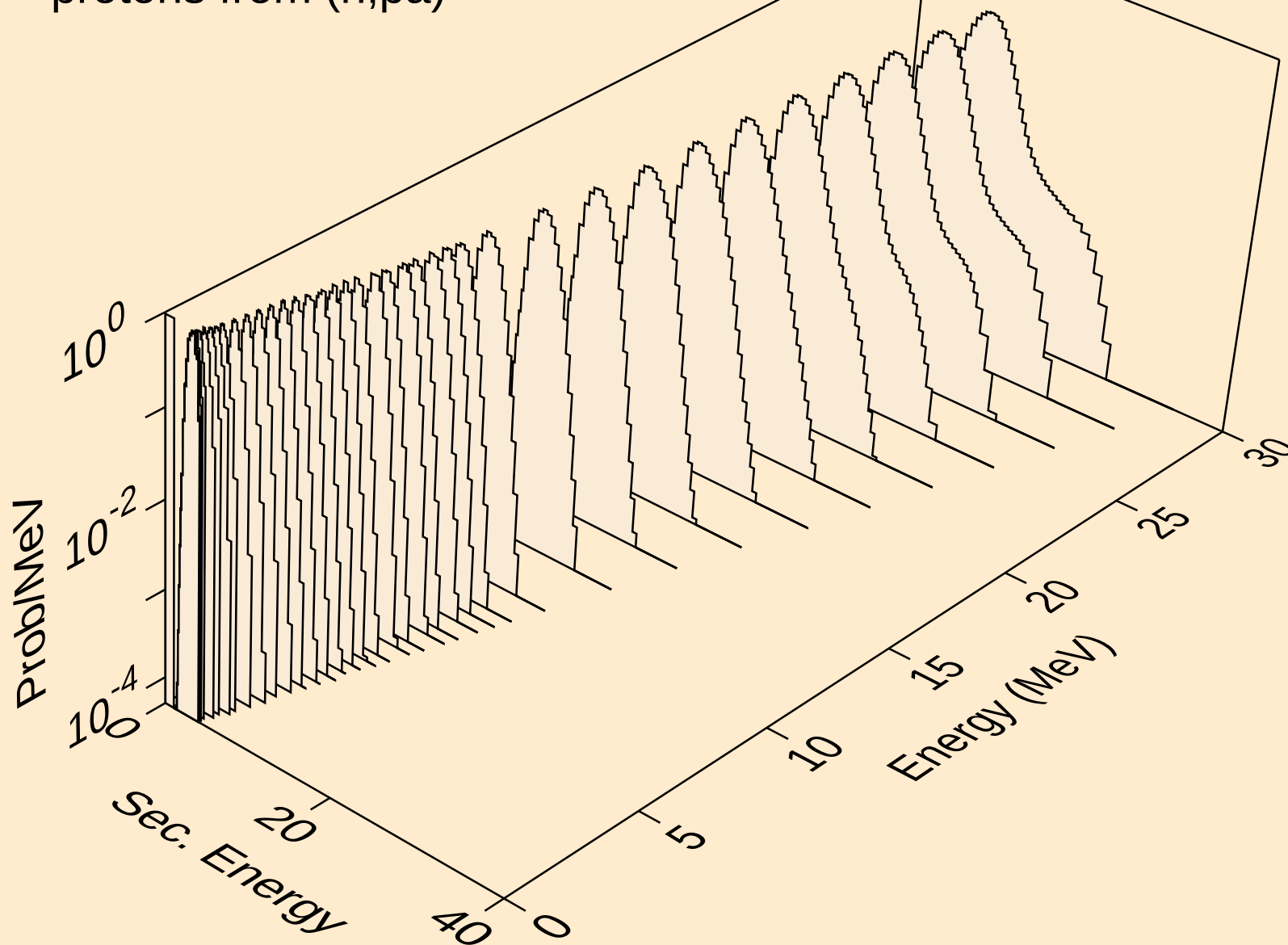
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



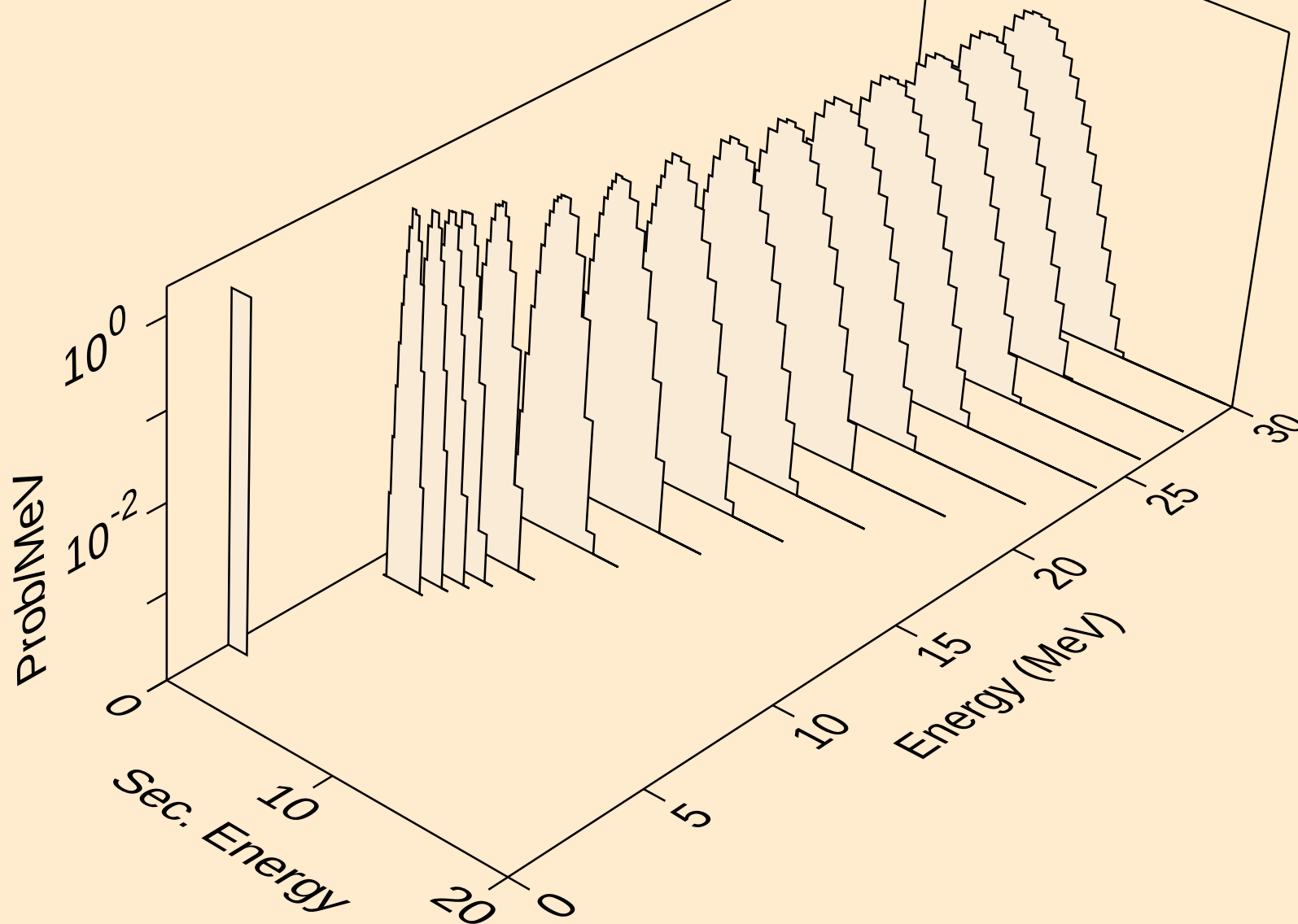
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2p)



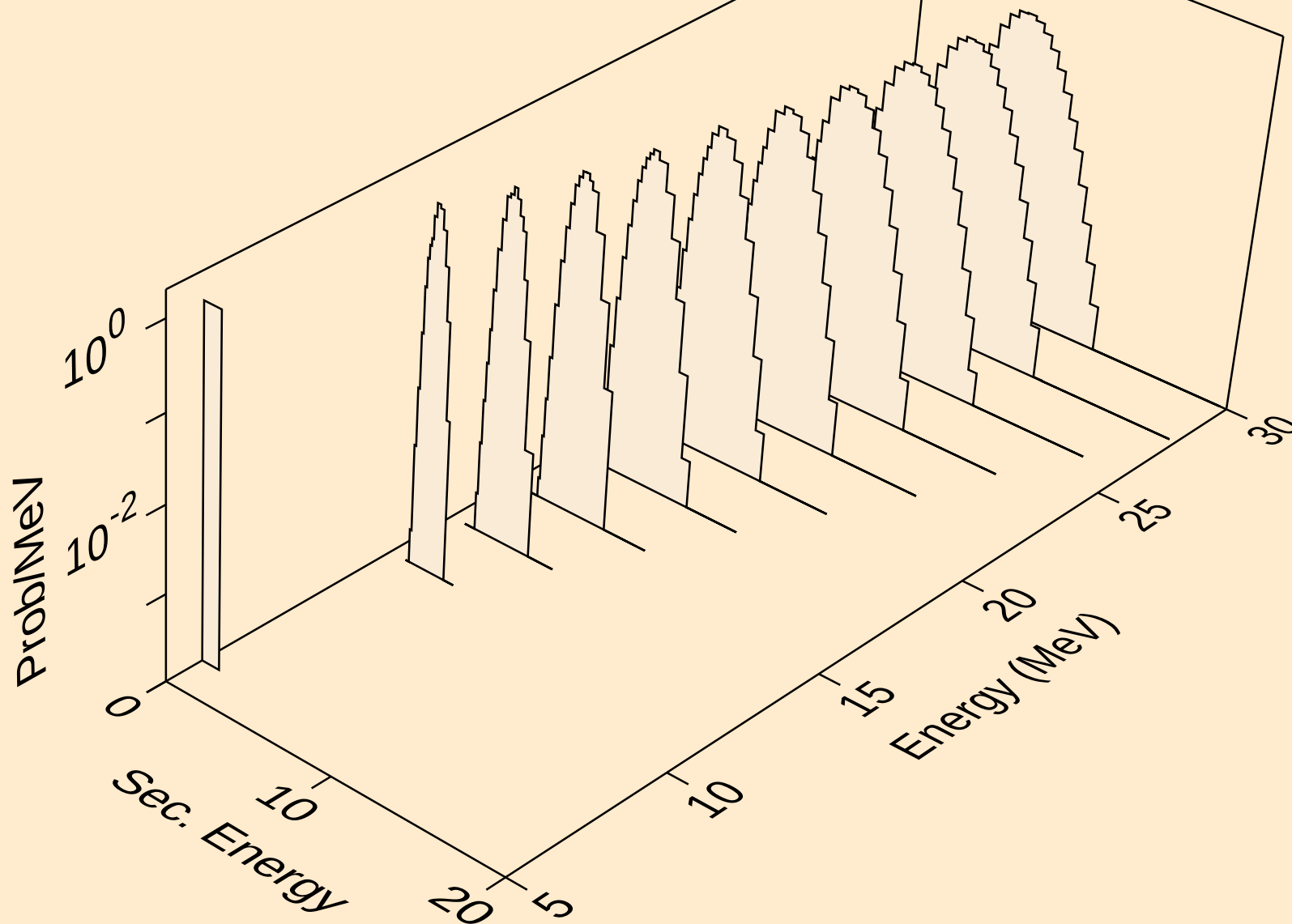
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



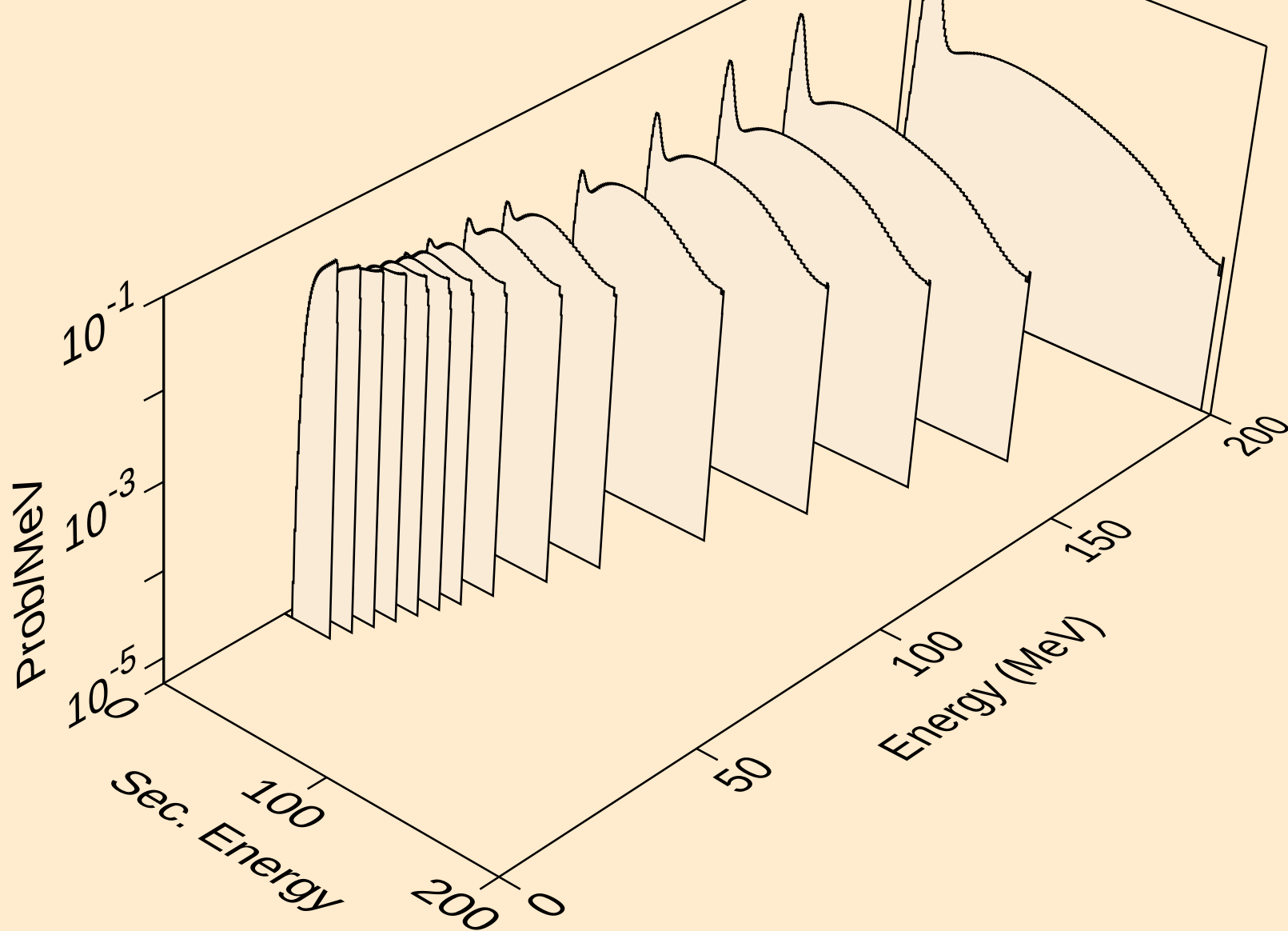
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pd)



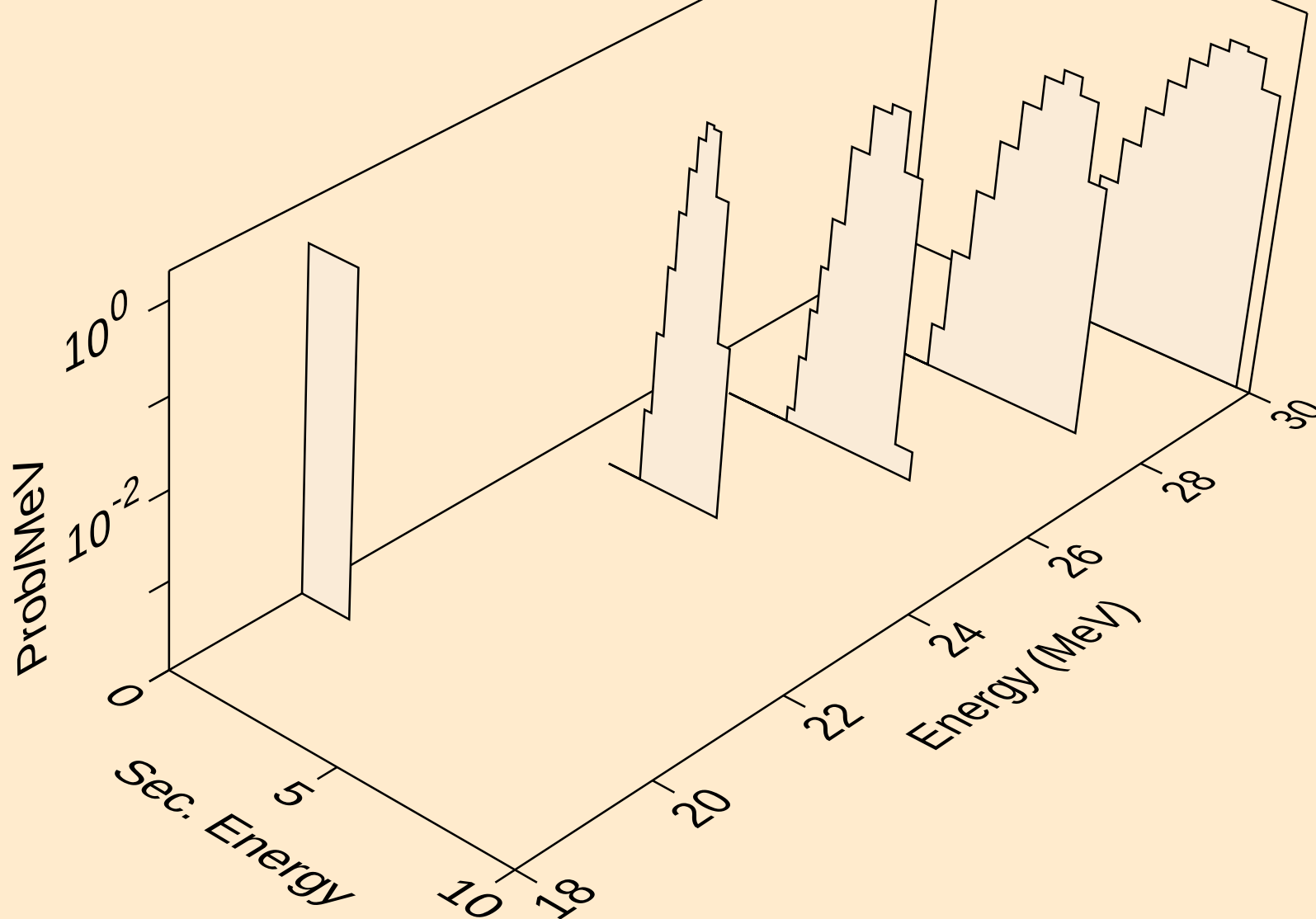
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pt)



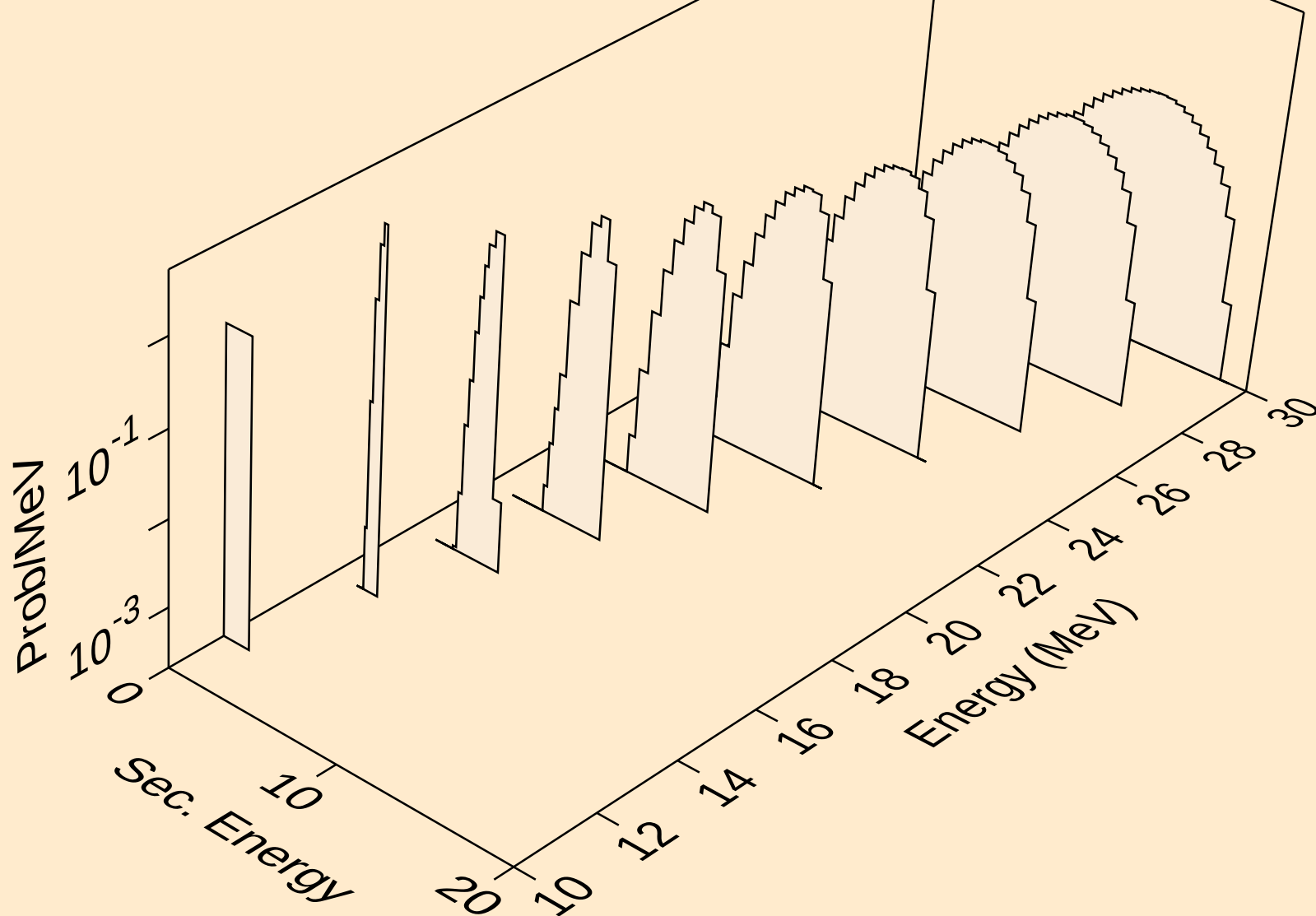
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



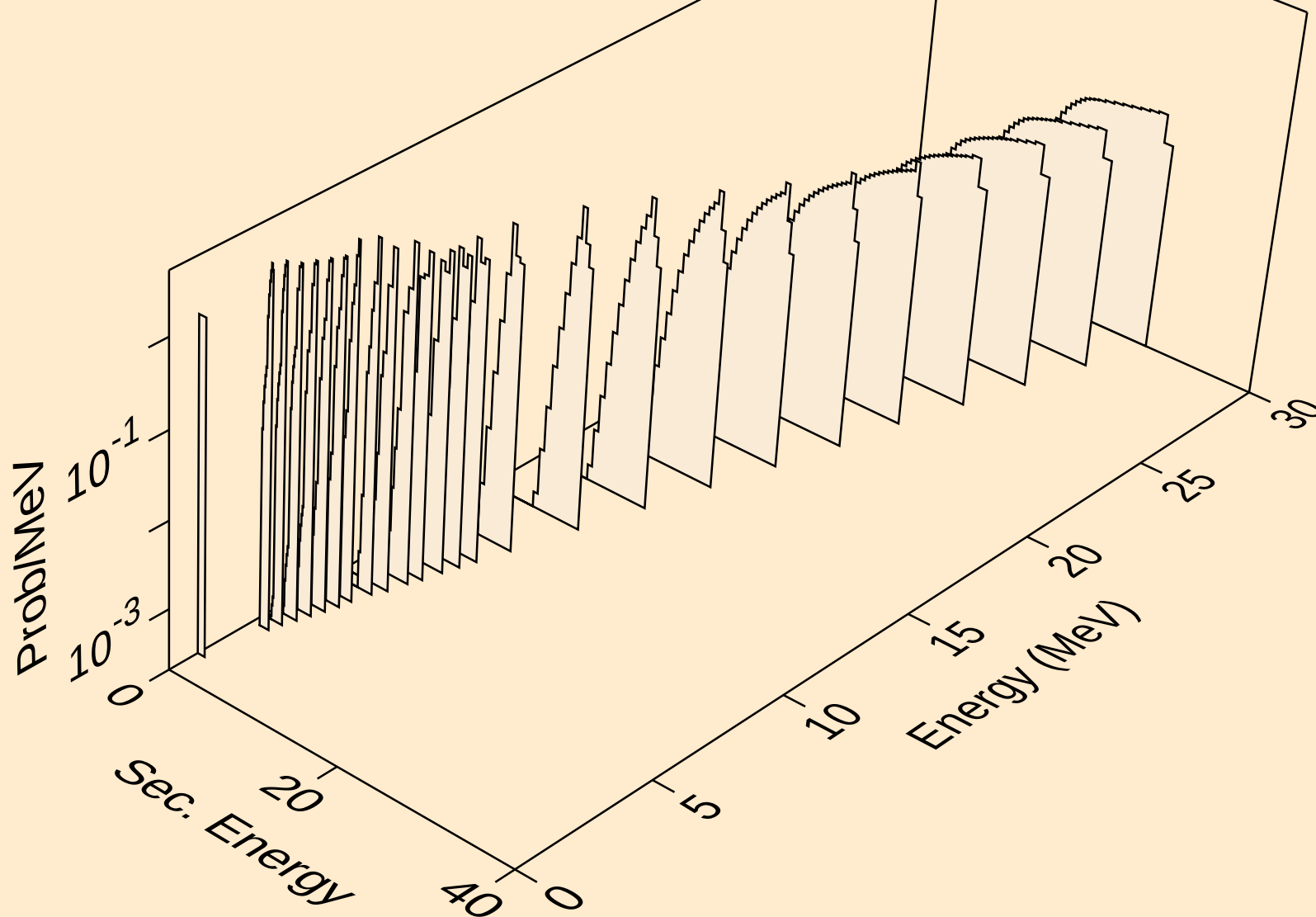
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,2nd)



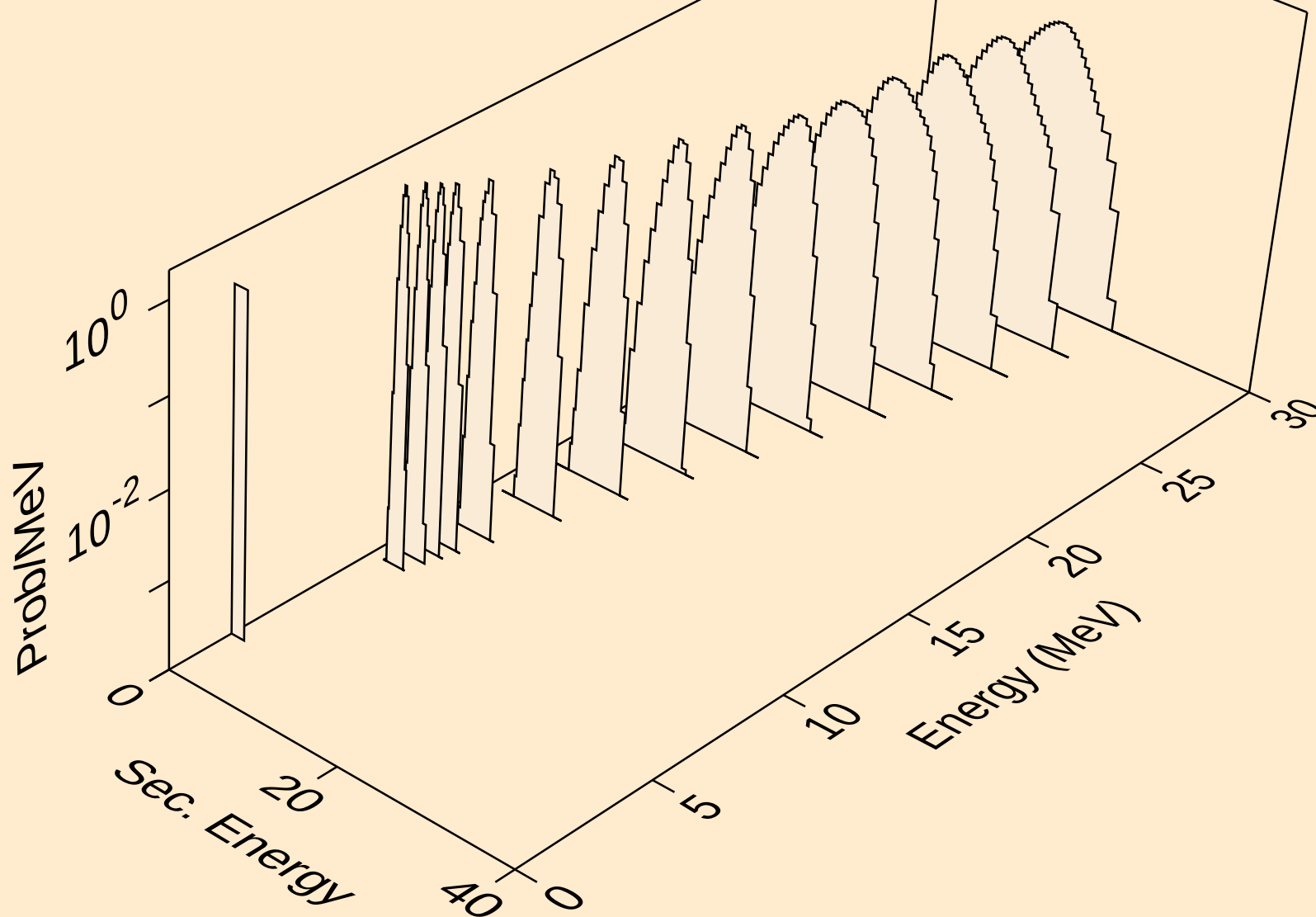
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



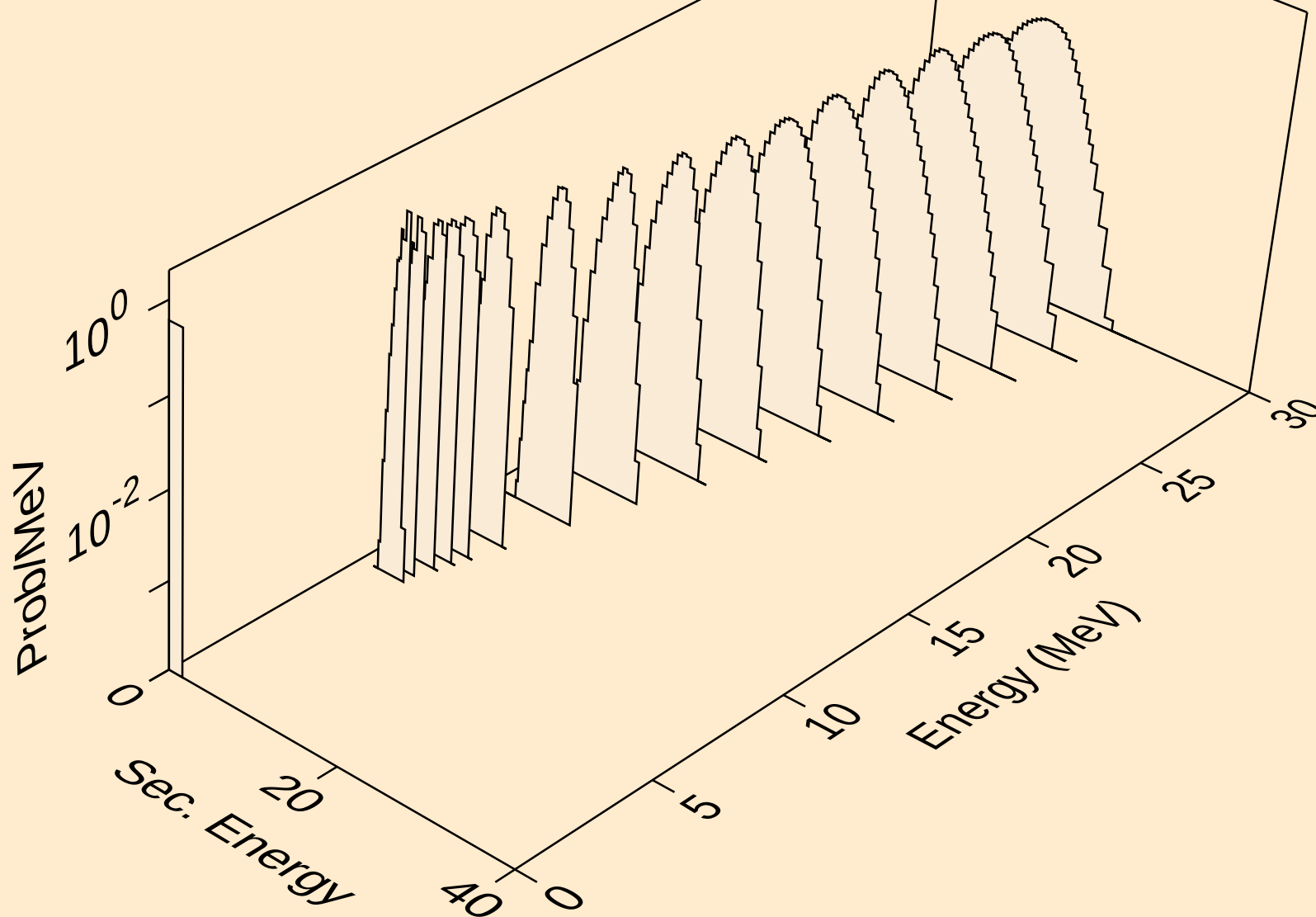
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,d)



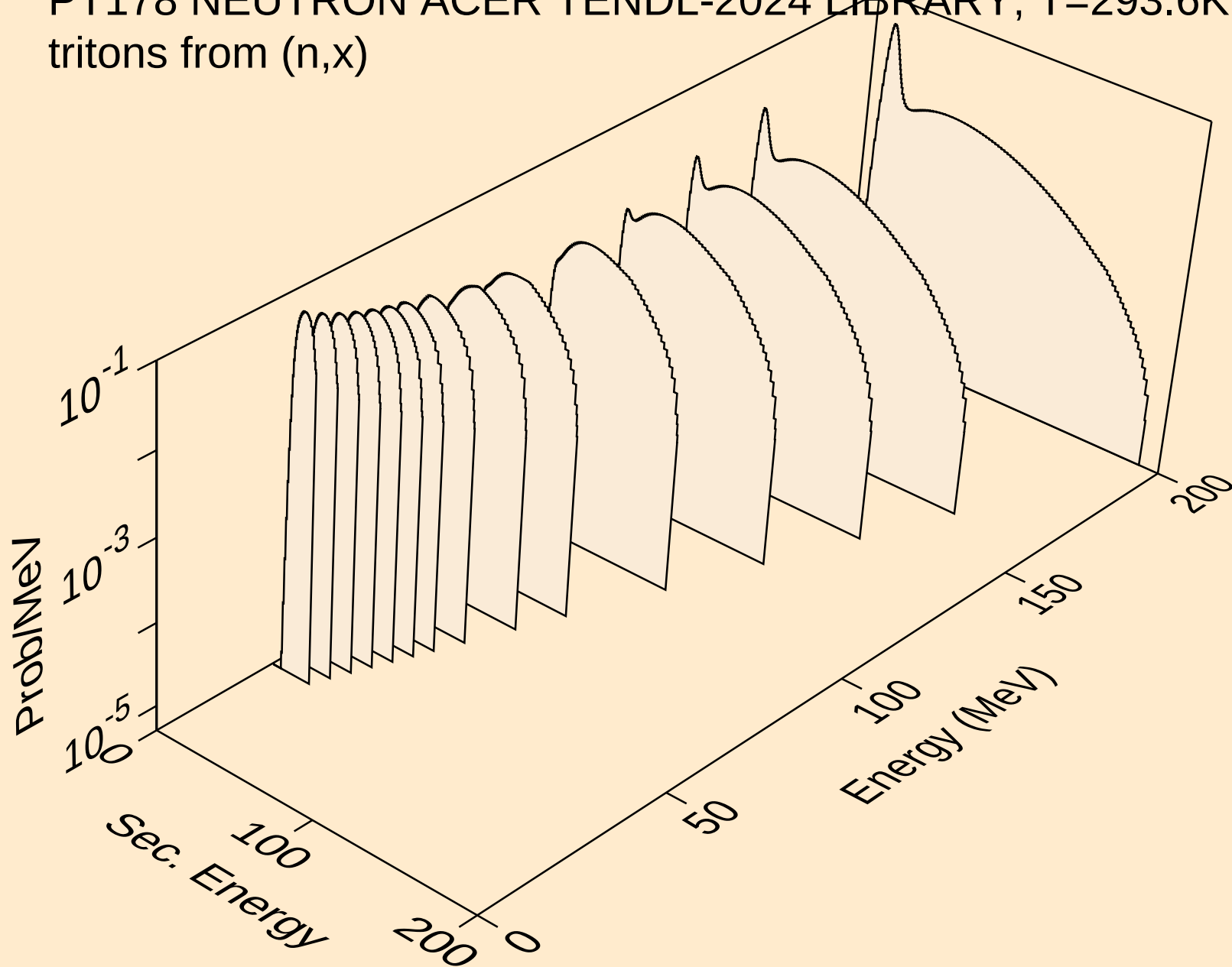
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,pd)



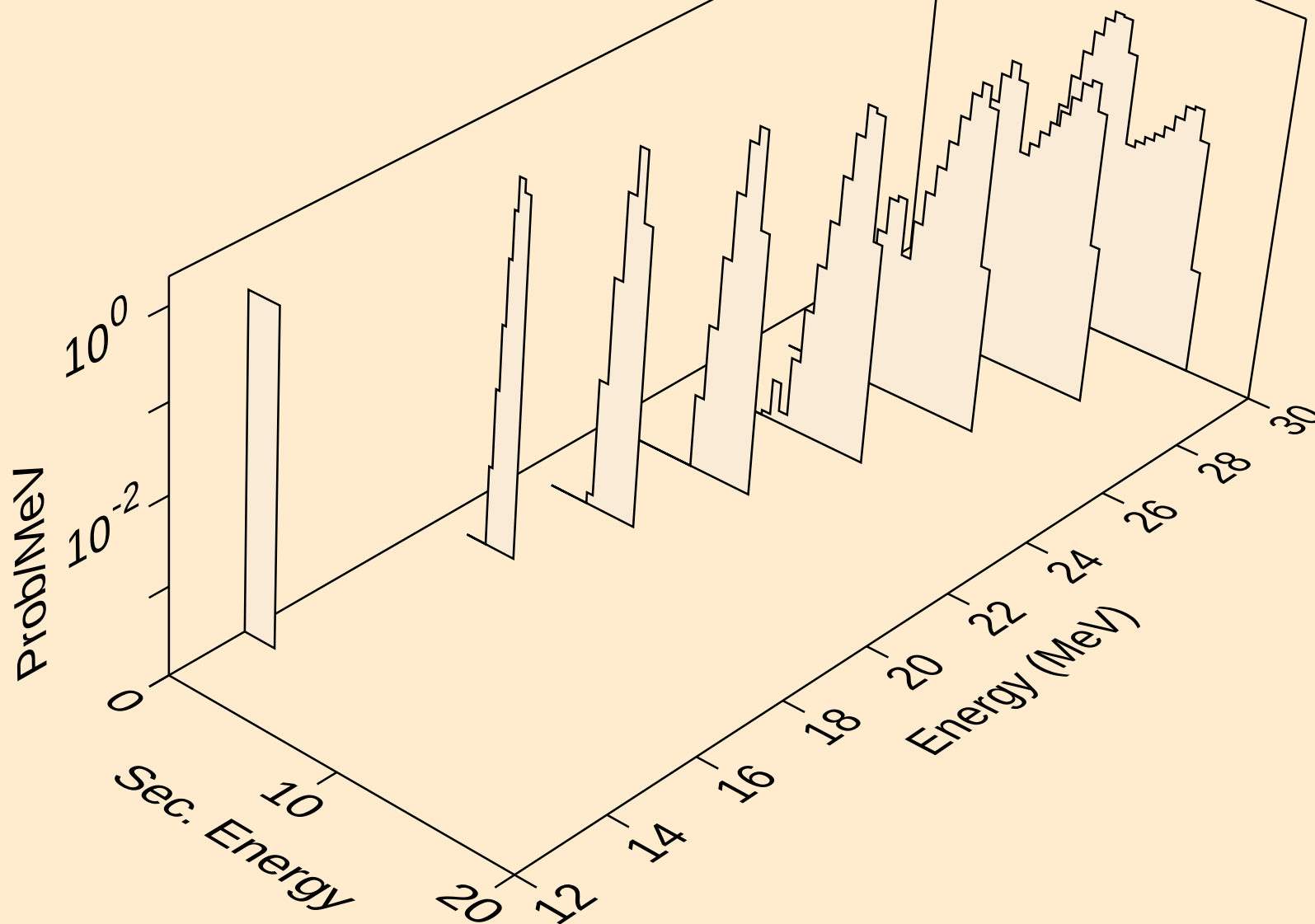
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,da)



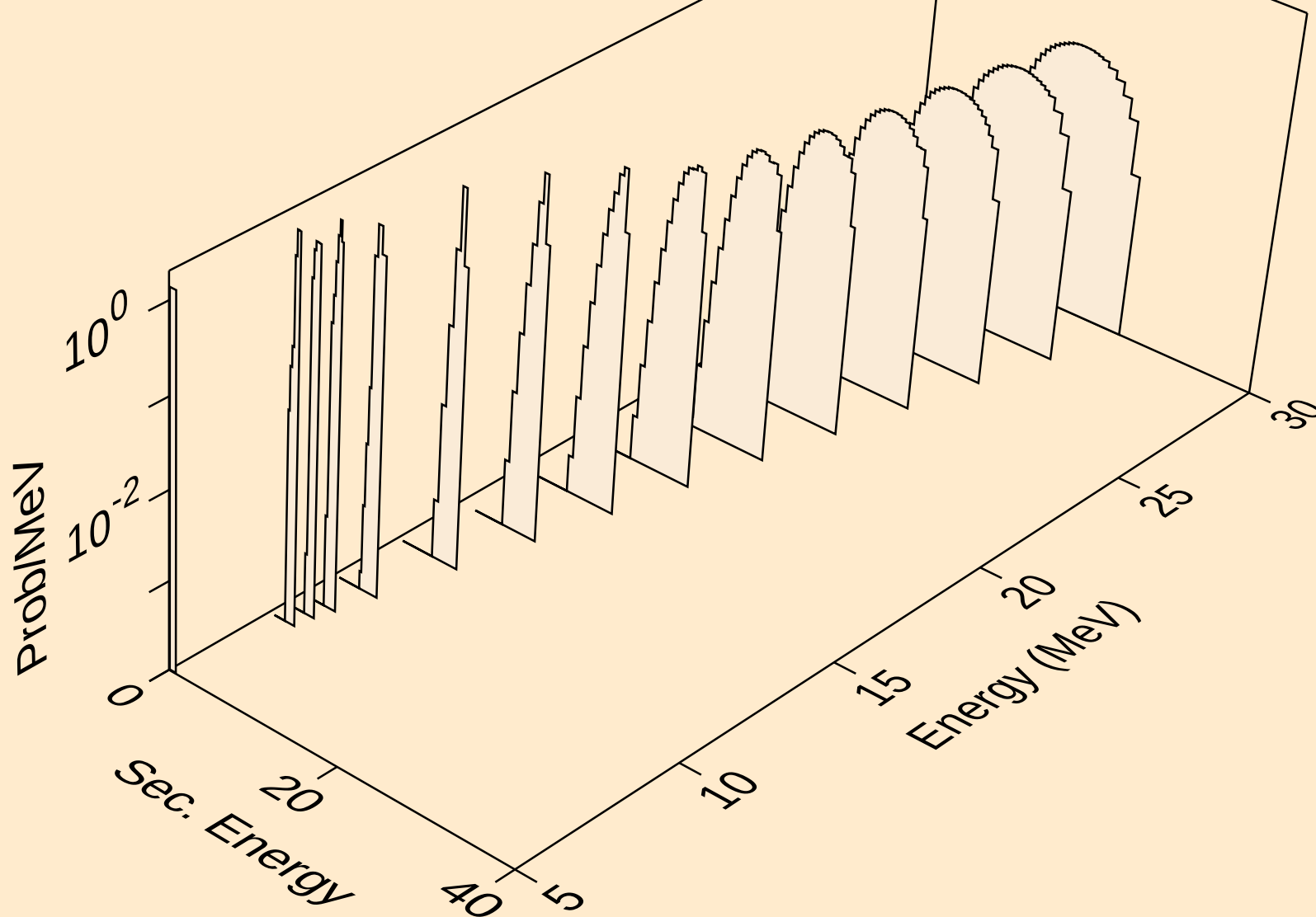
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



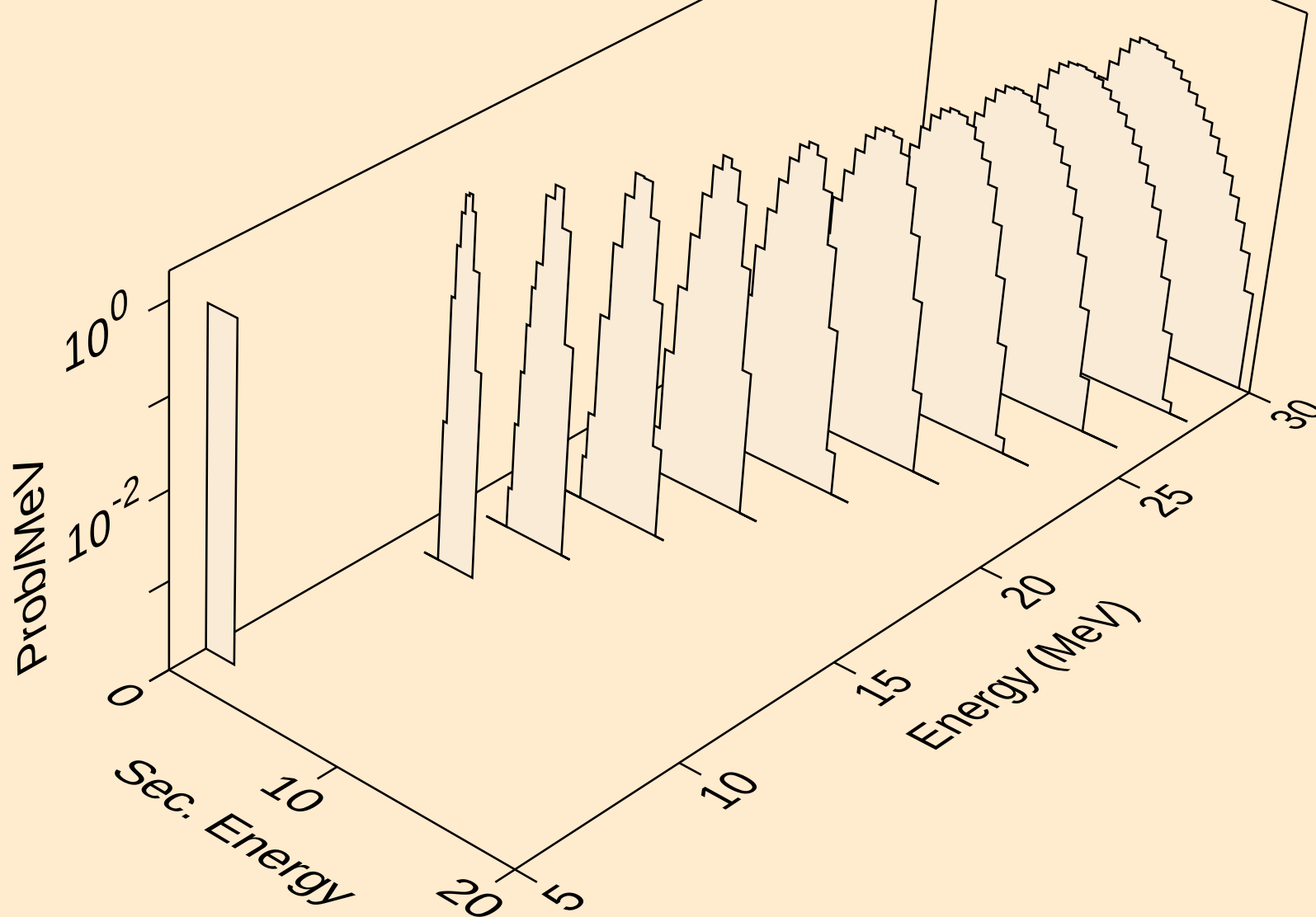
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



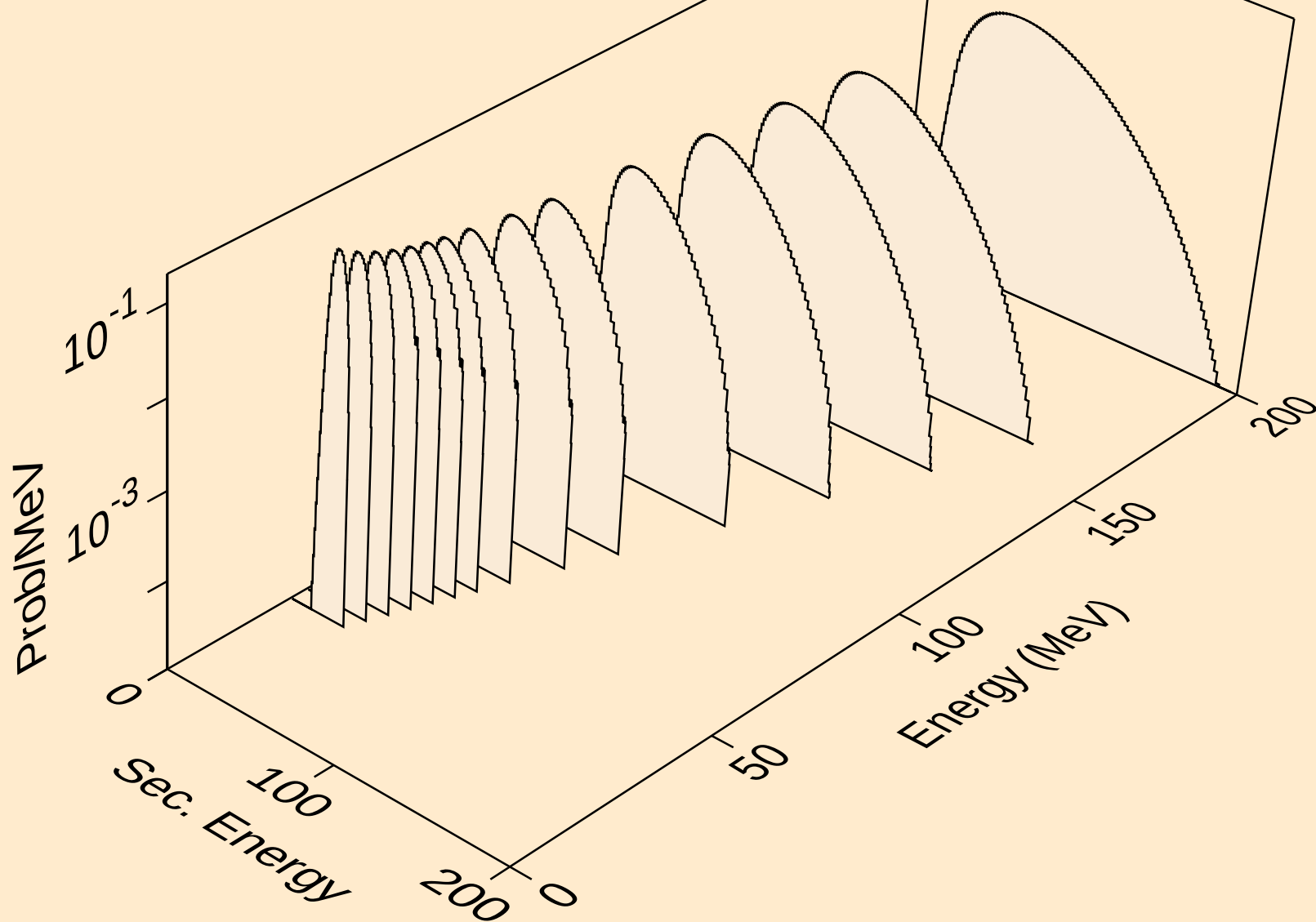
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,t)



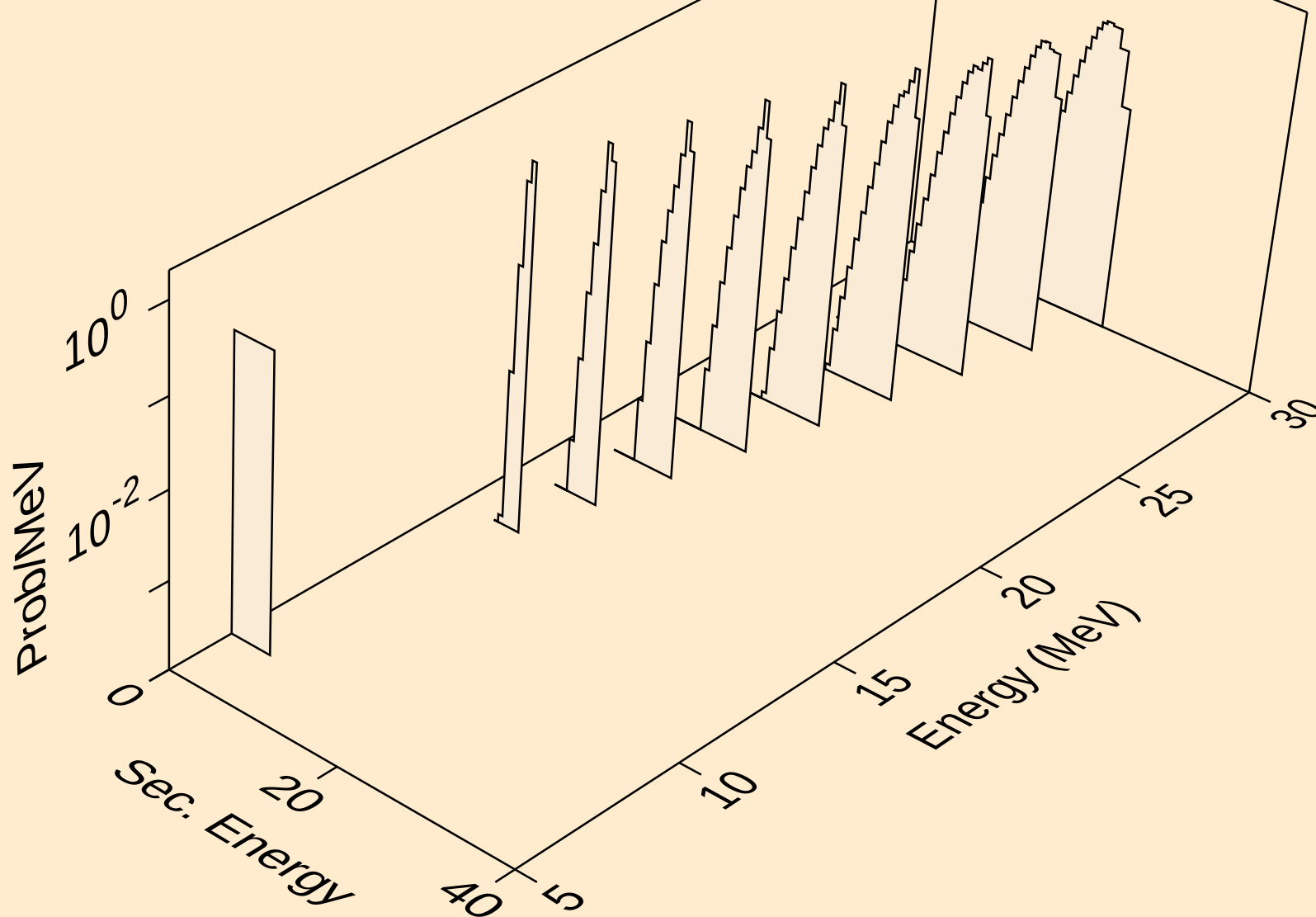
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,pt)



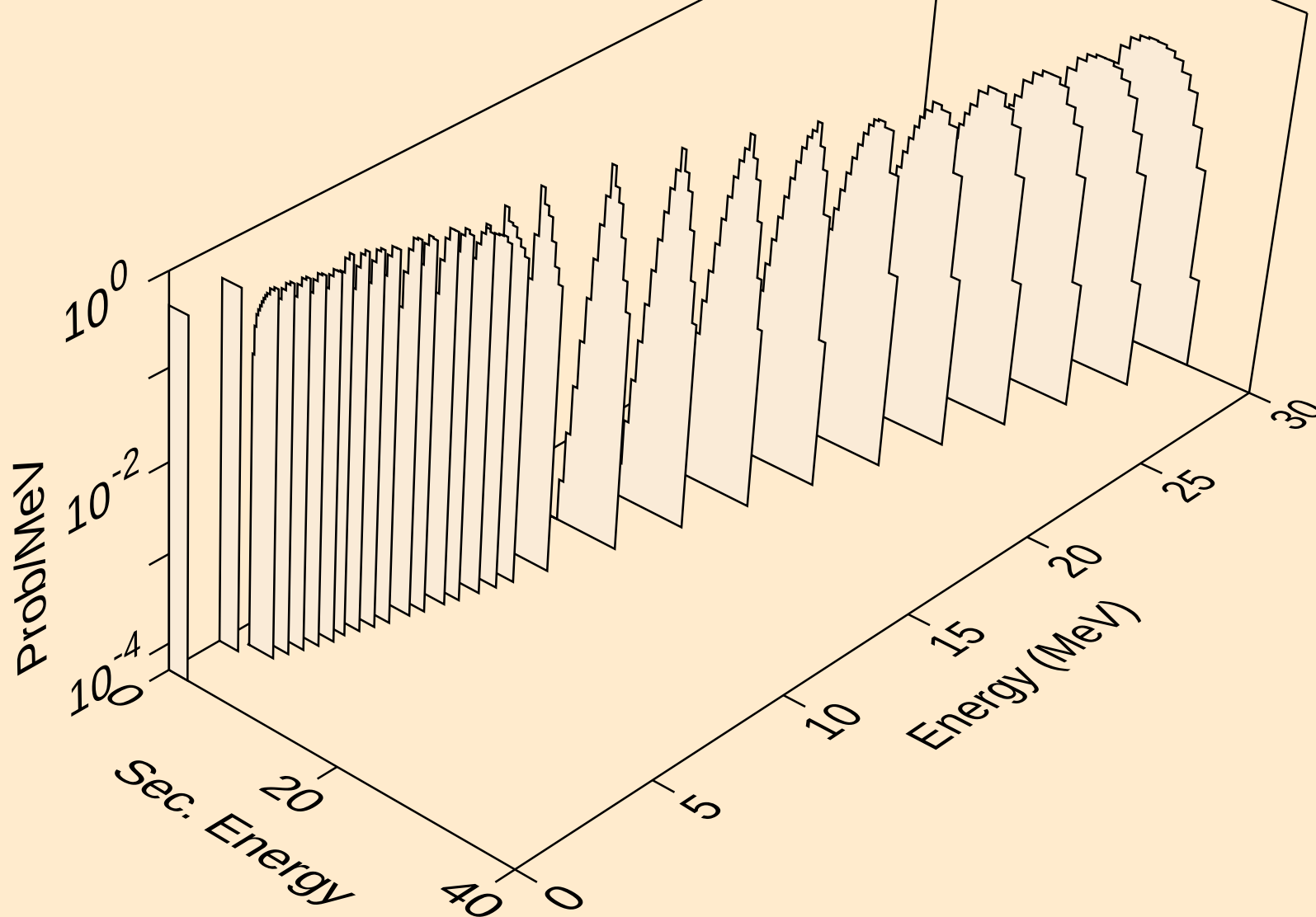
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



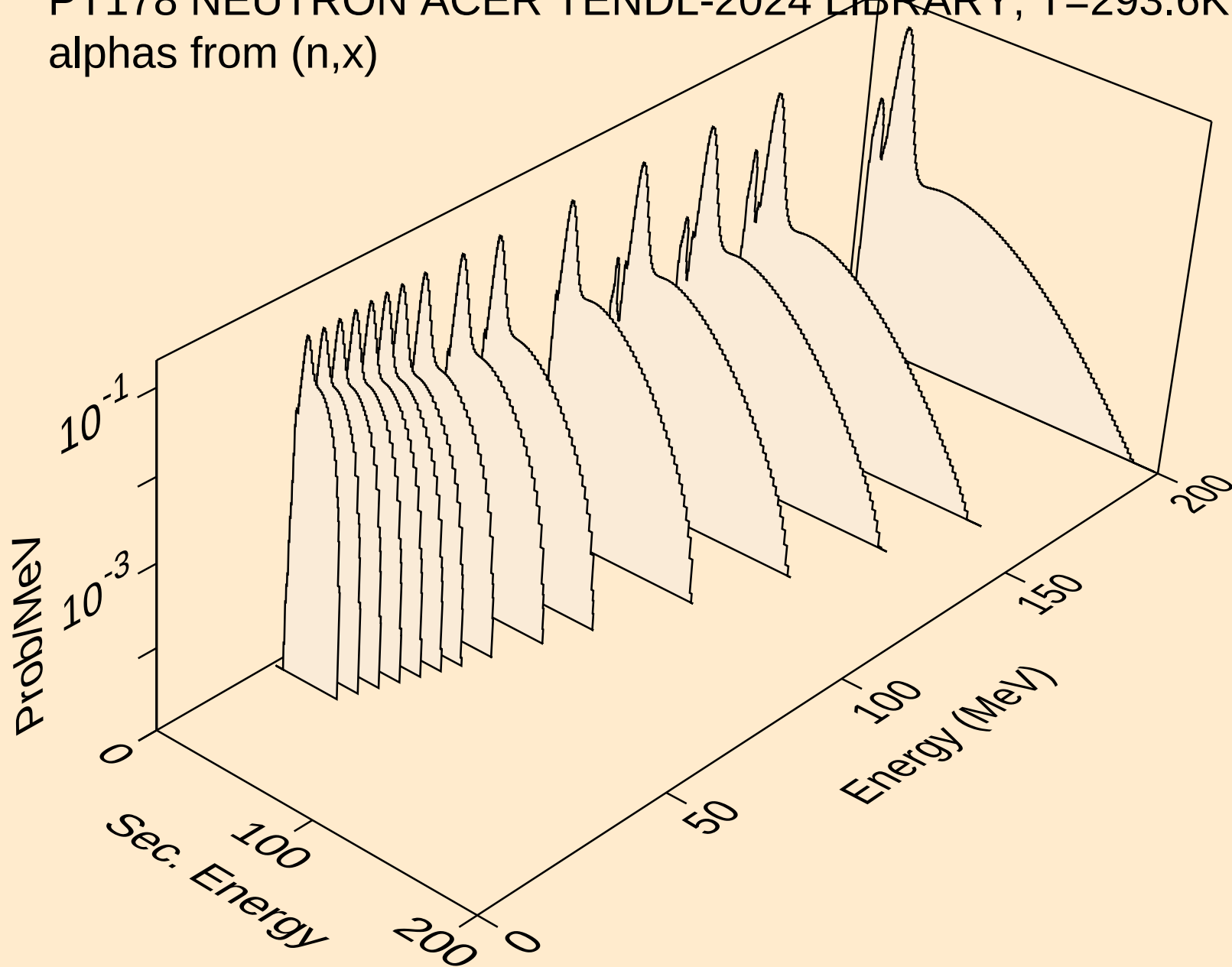
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



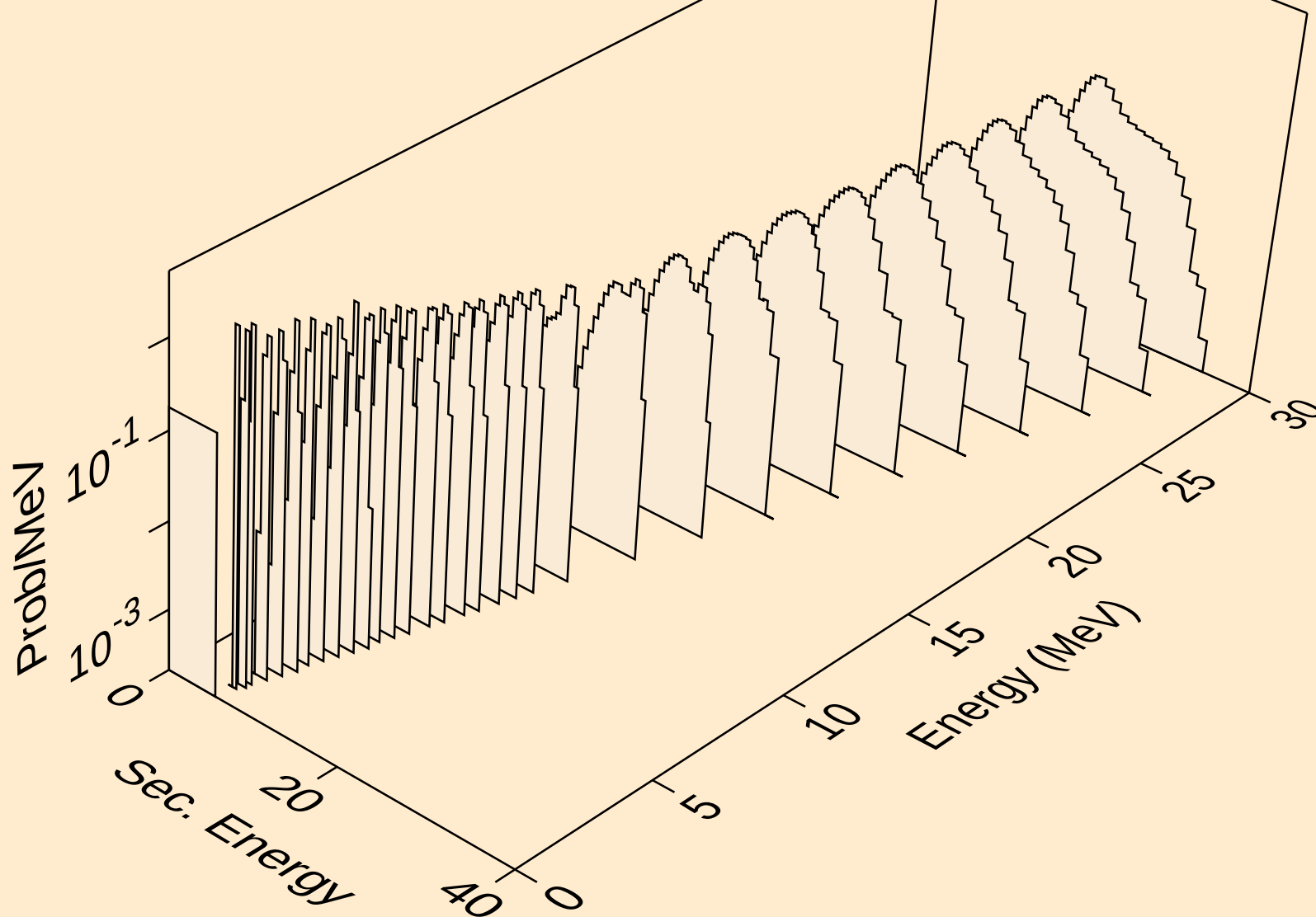
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,he3)



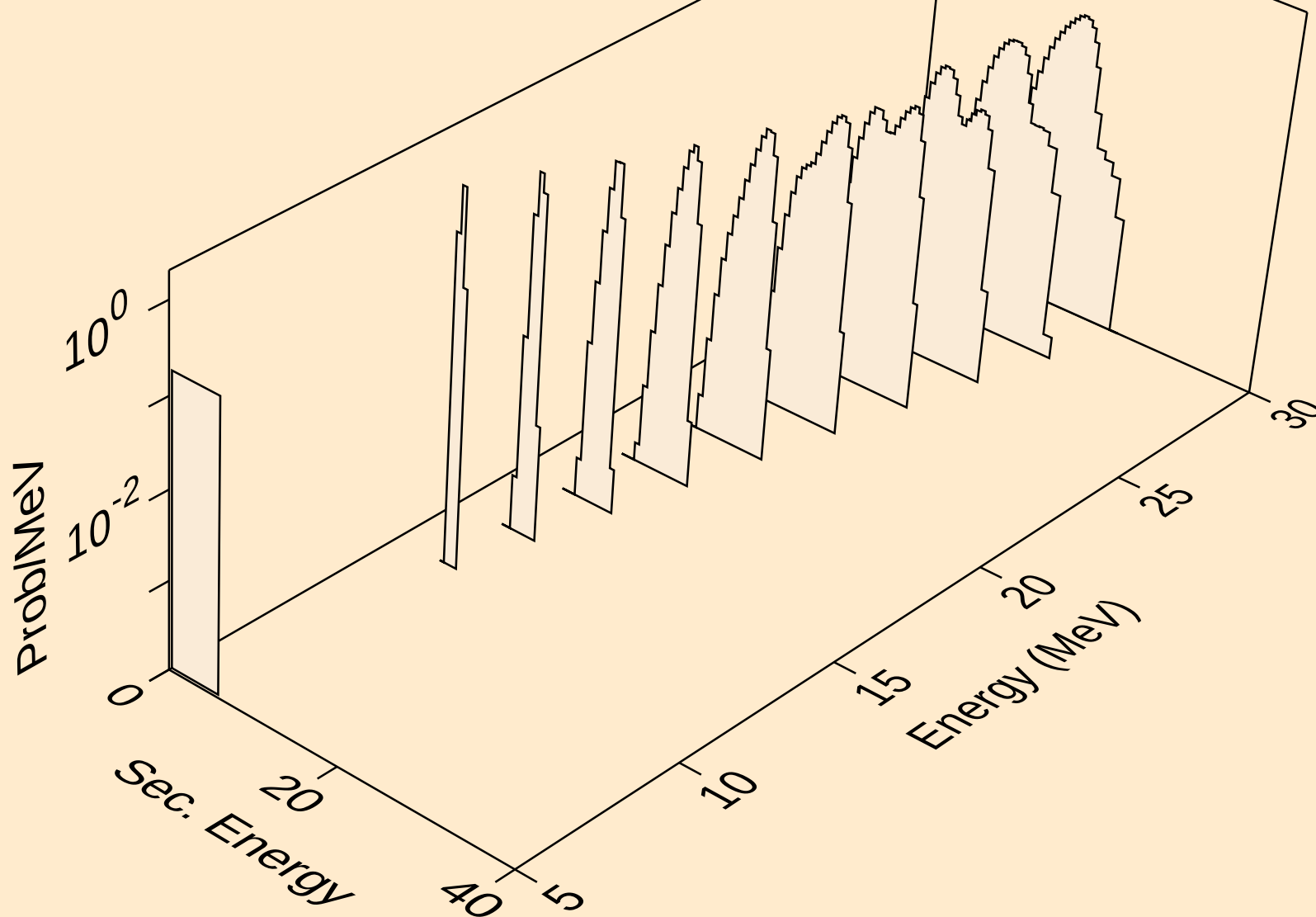
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



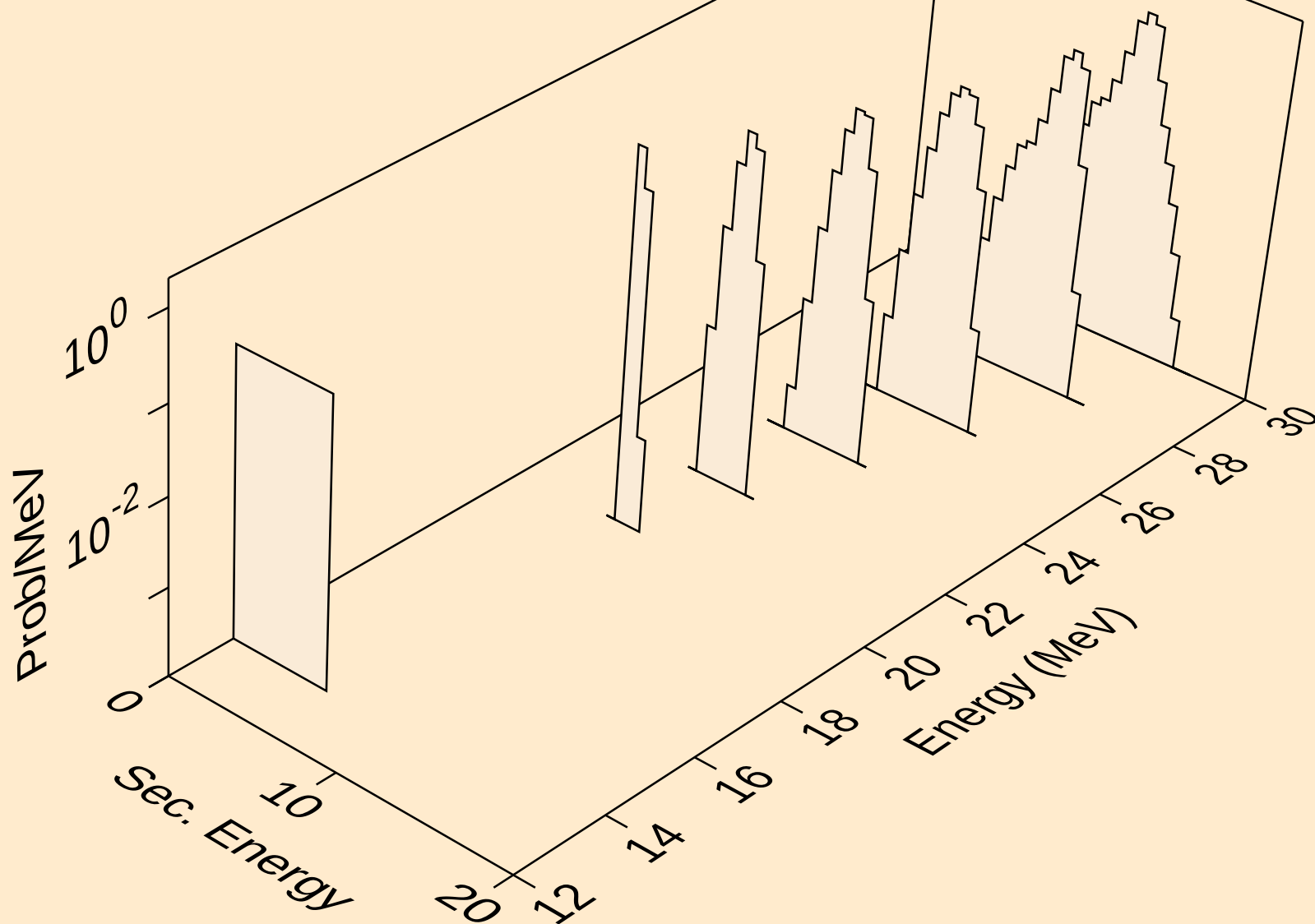
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



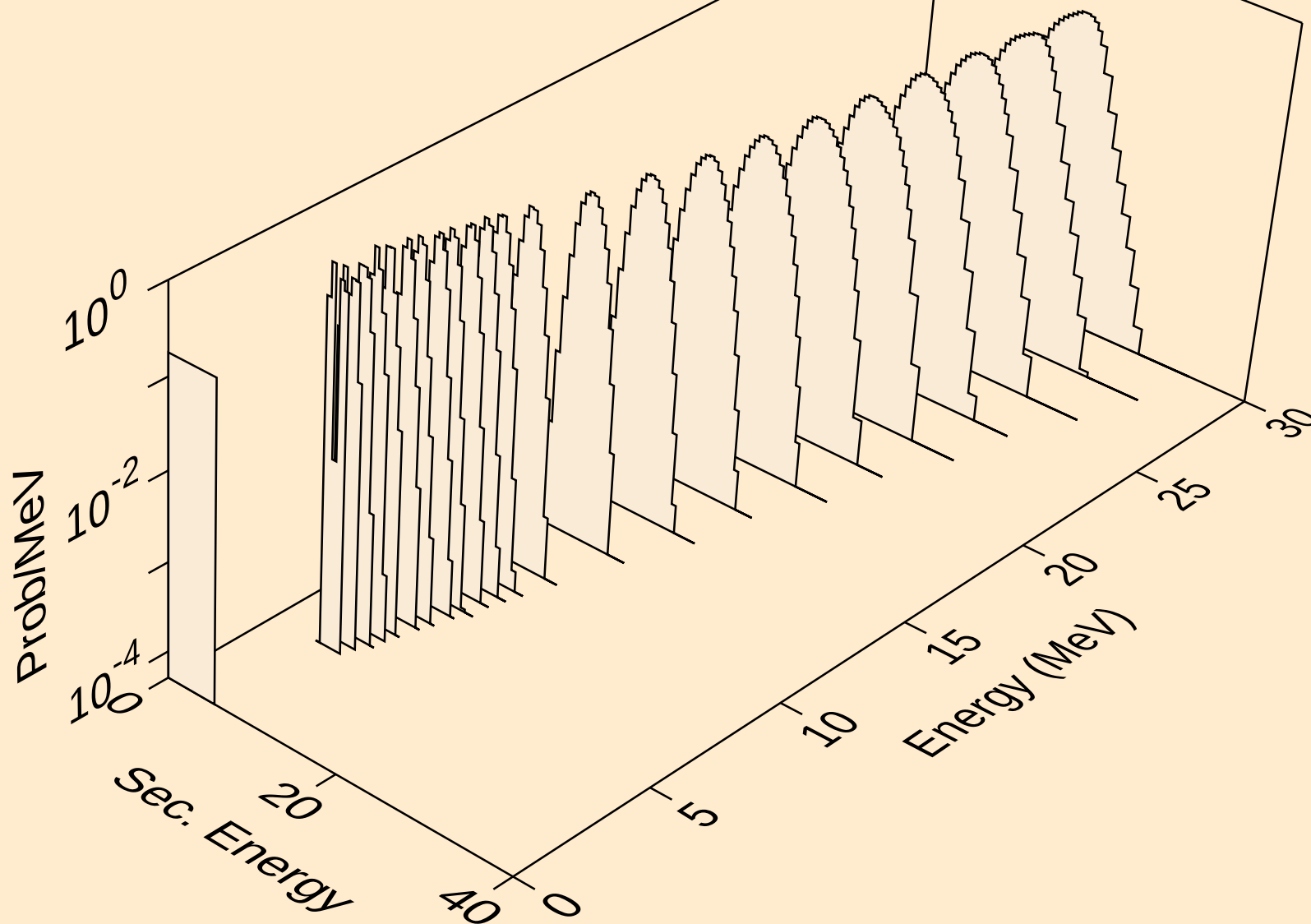
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



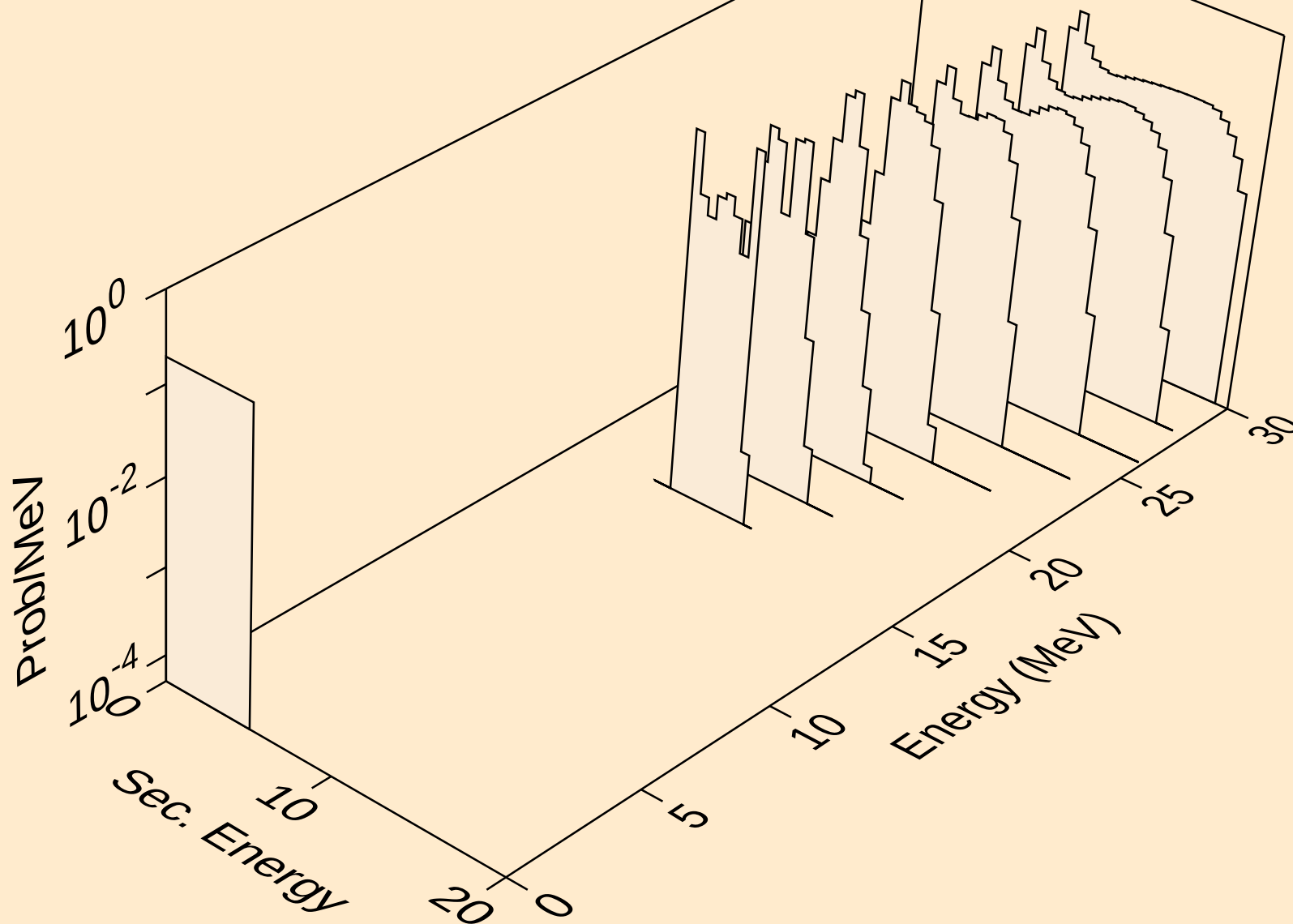
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3n)a



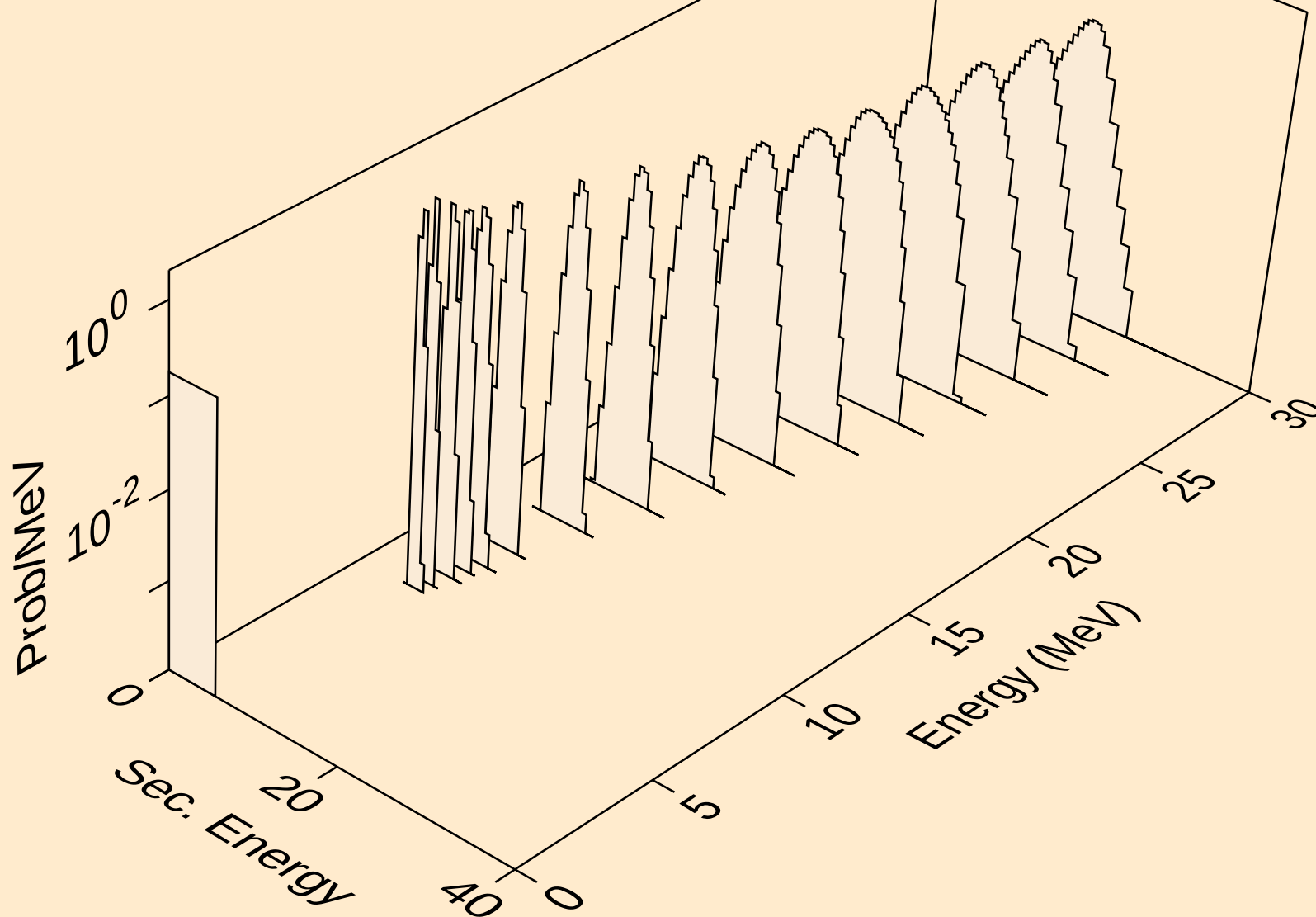
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



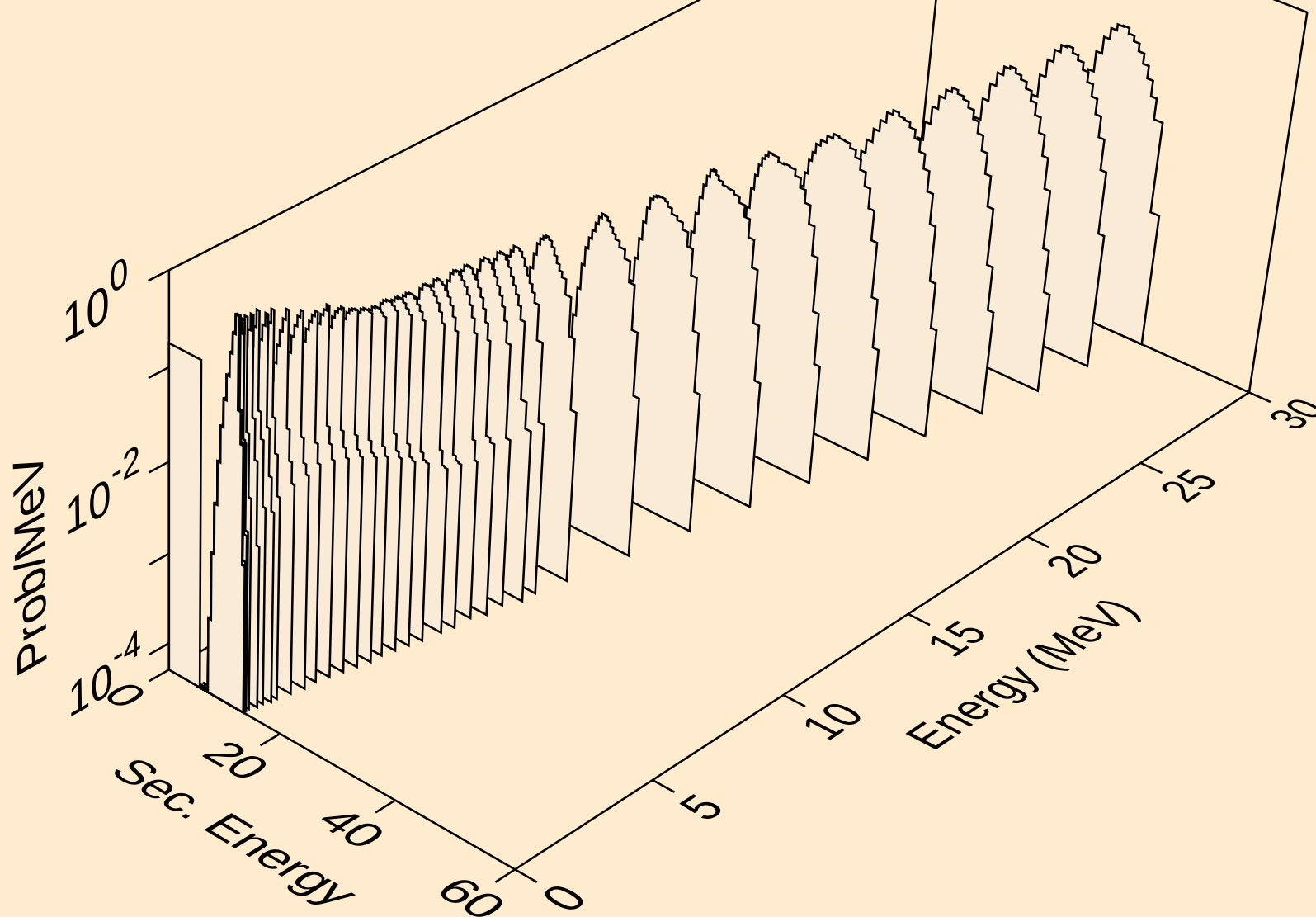
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)2a



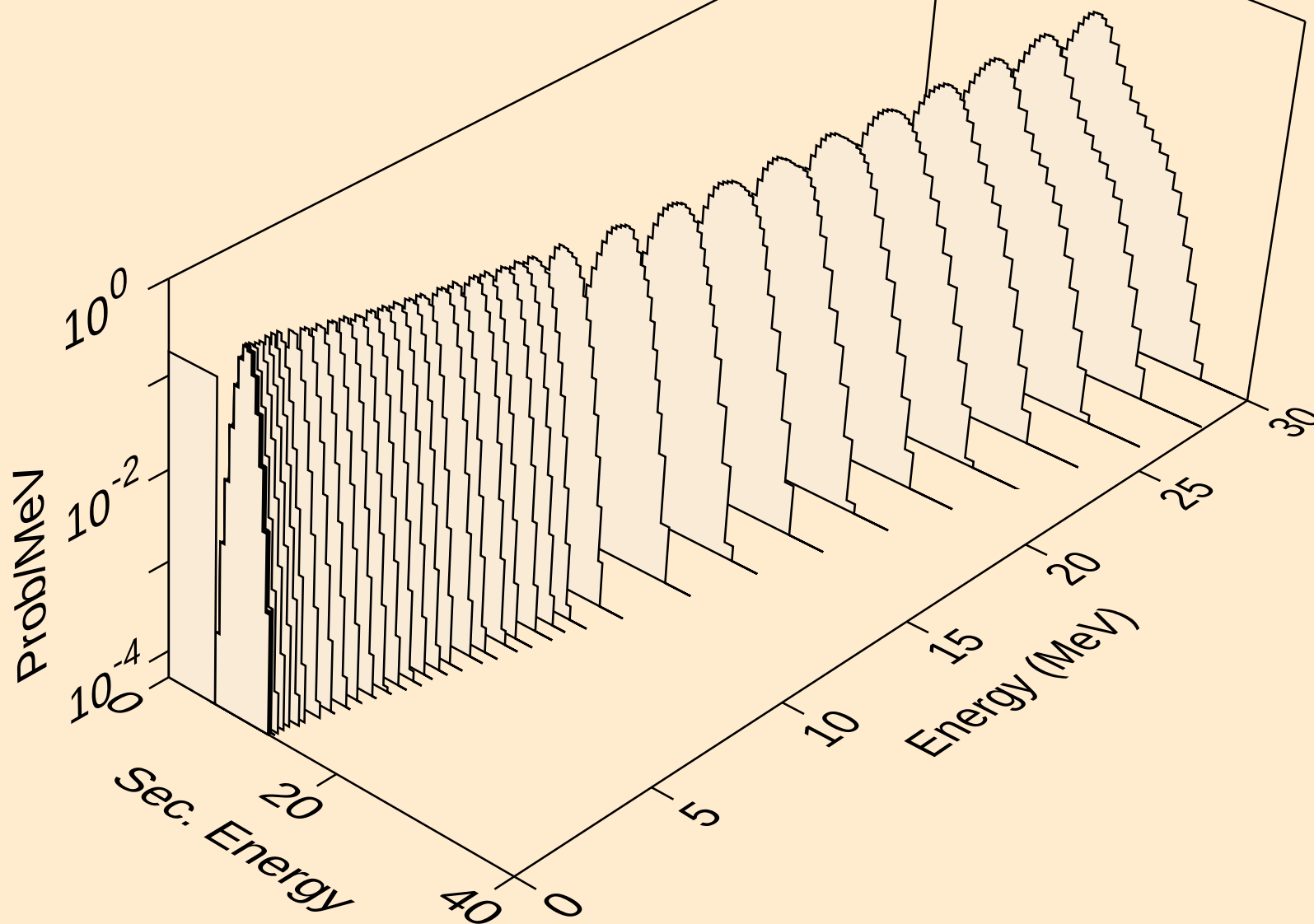
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



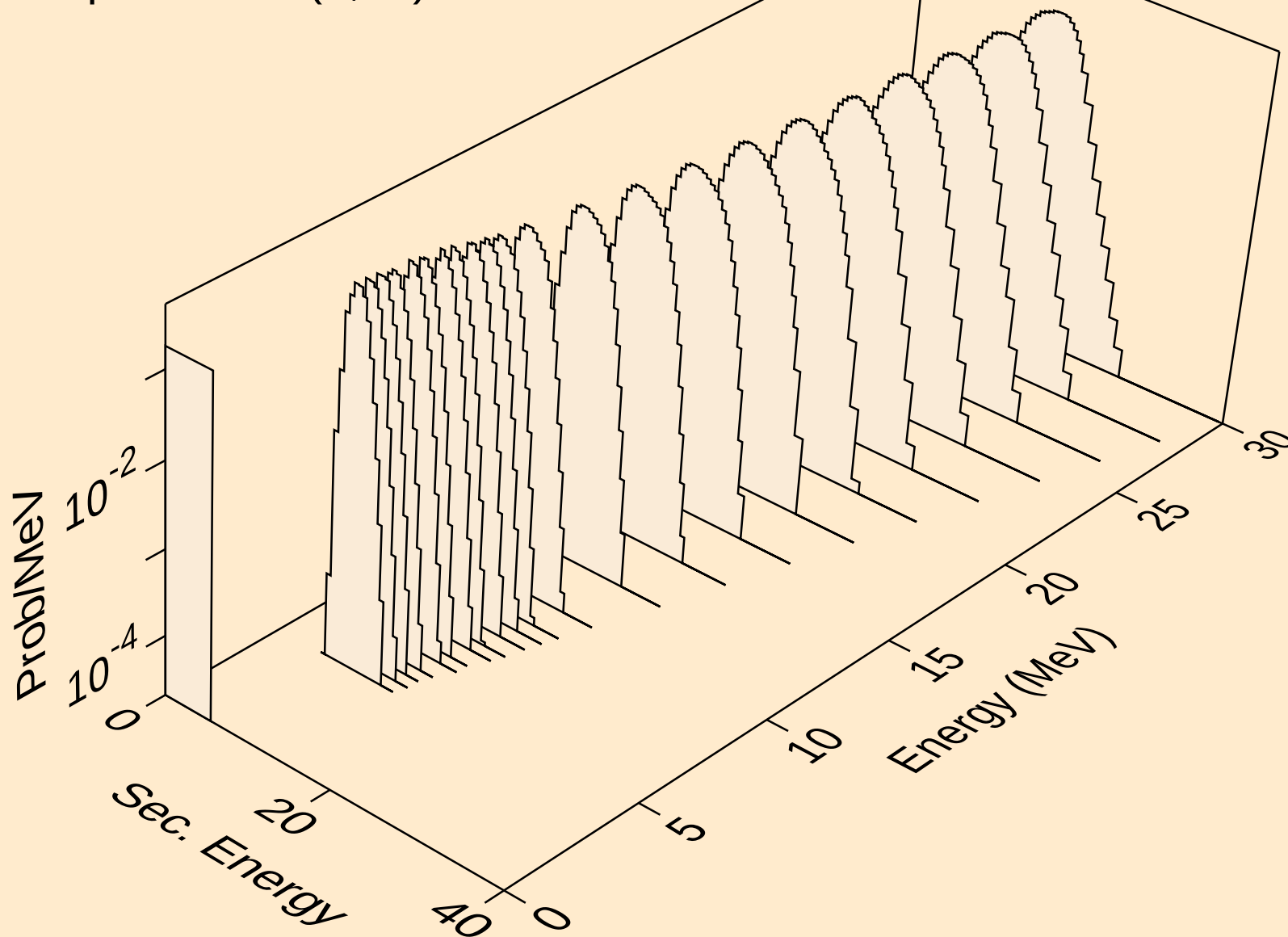
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



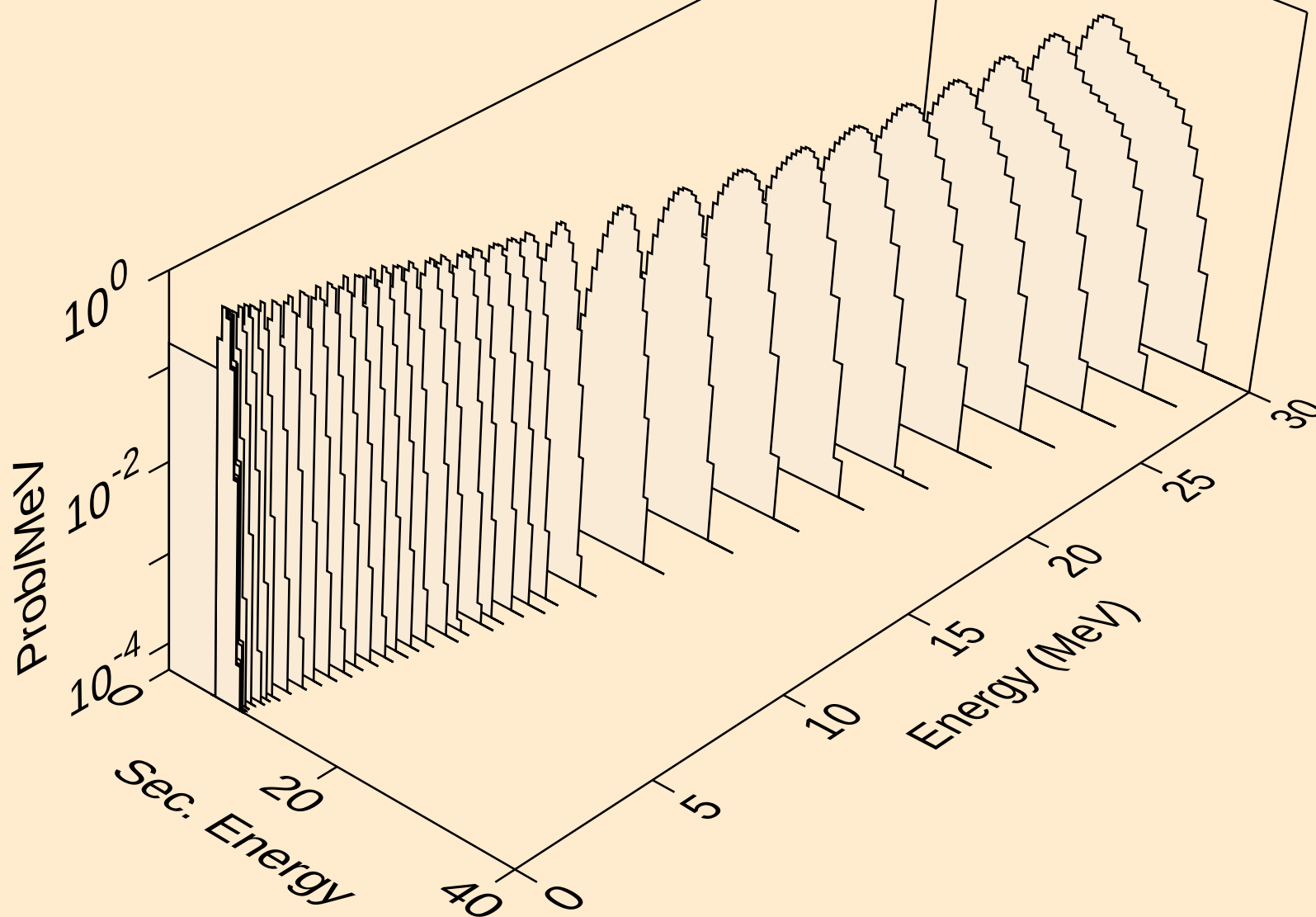
PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3a)



PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)



PT178 NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

