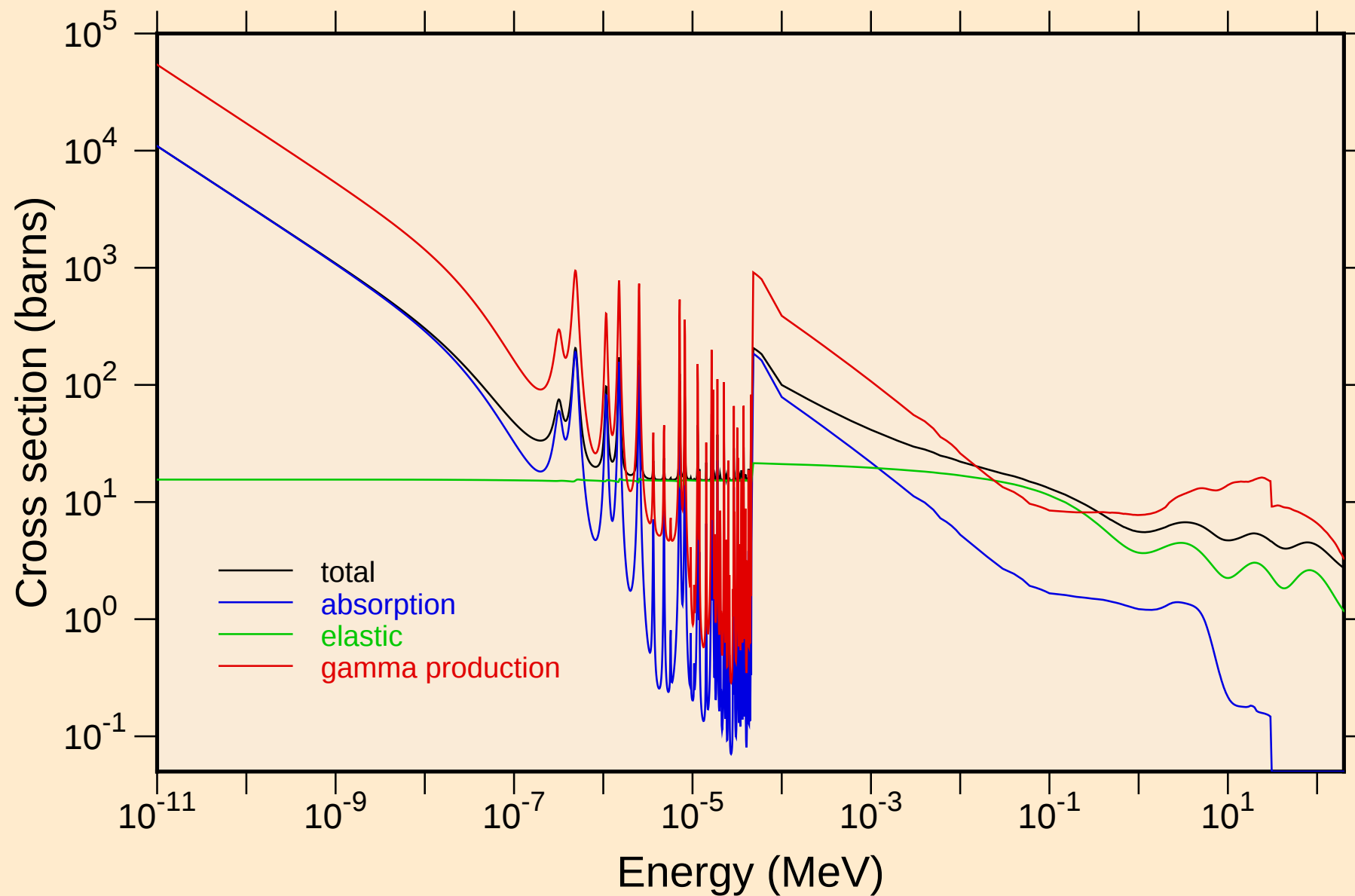
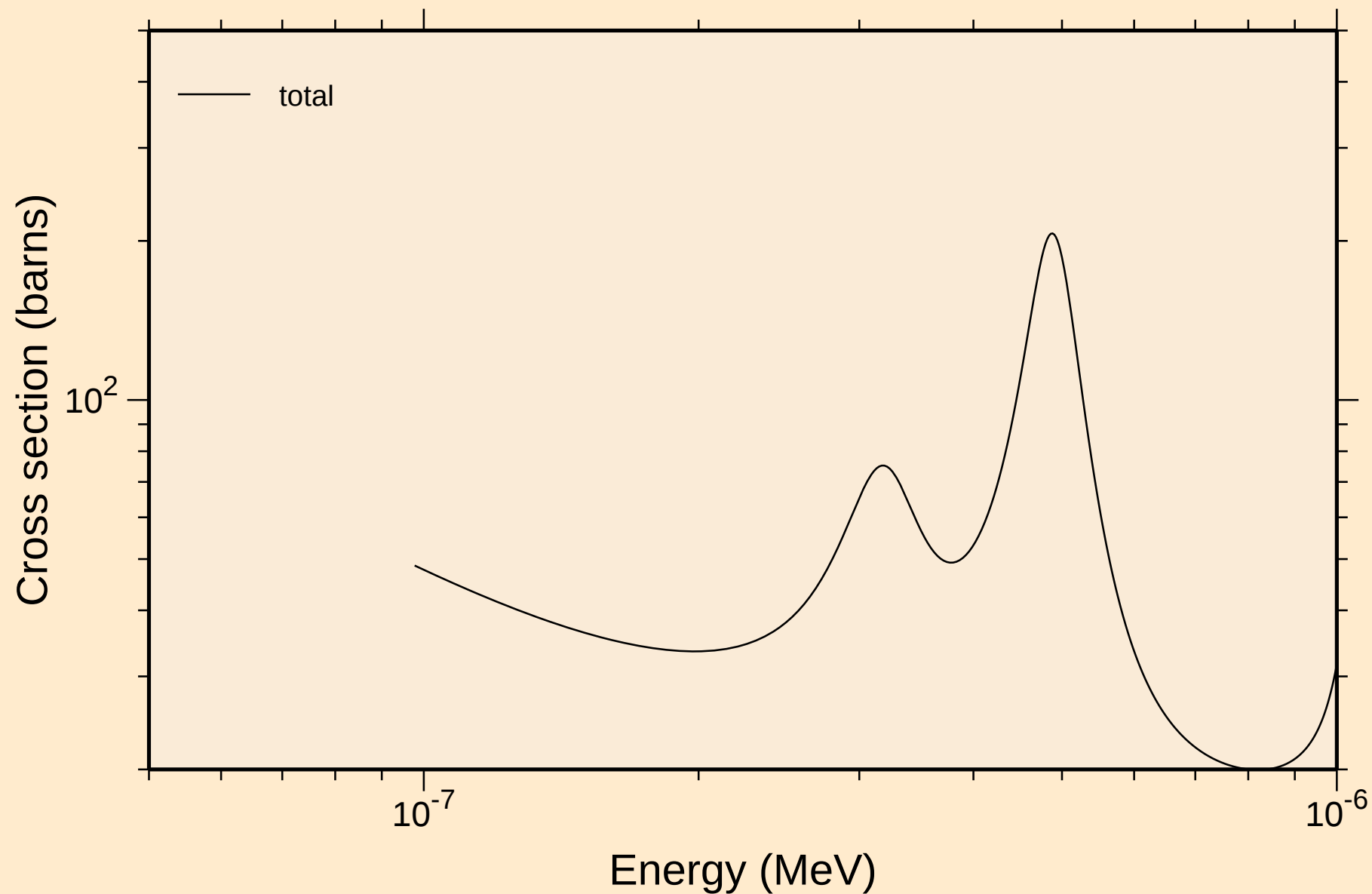


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

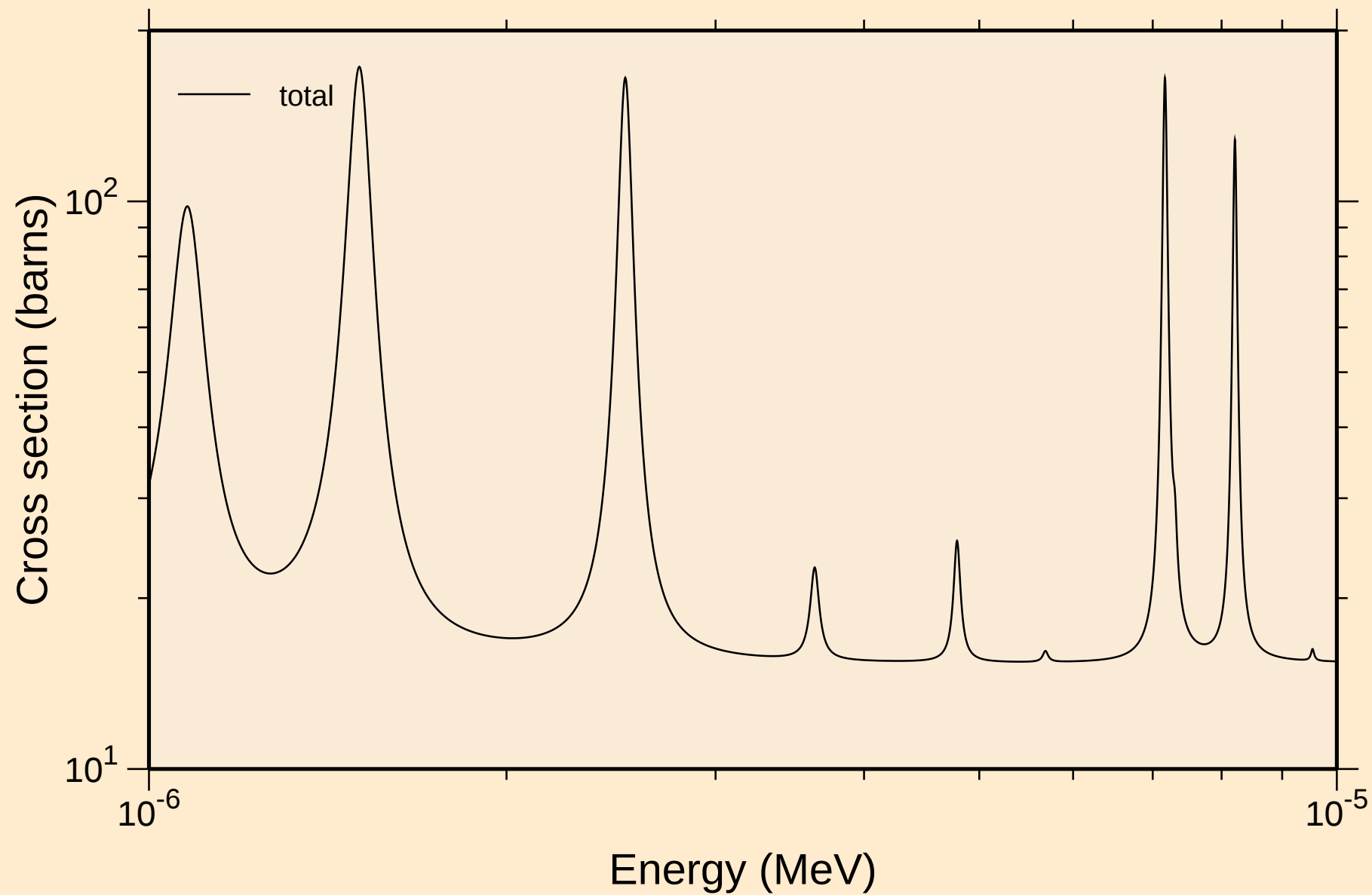
Principal cross sections



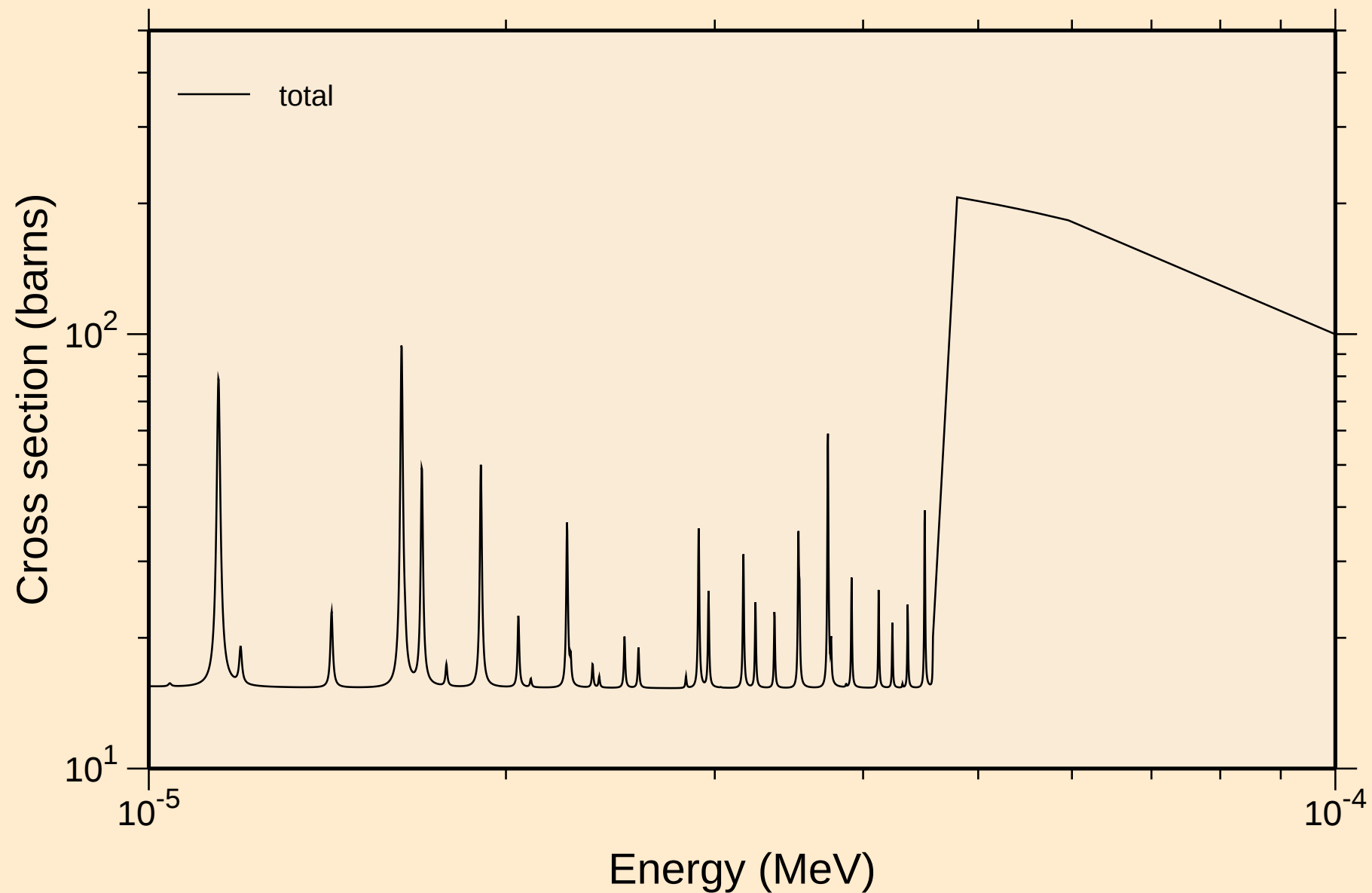
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



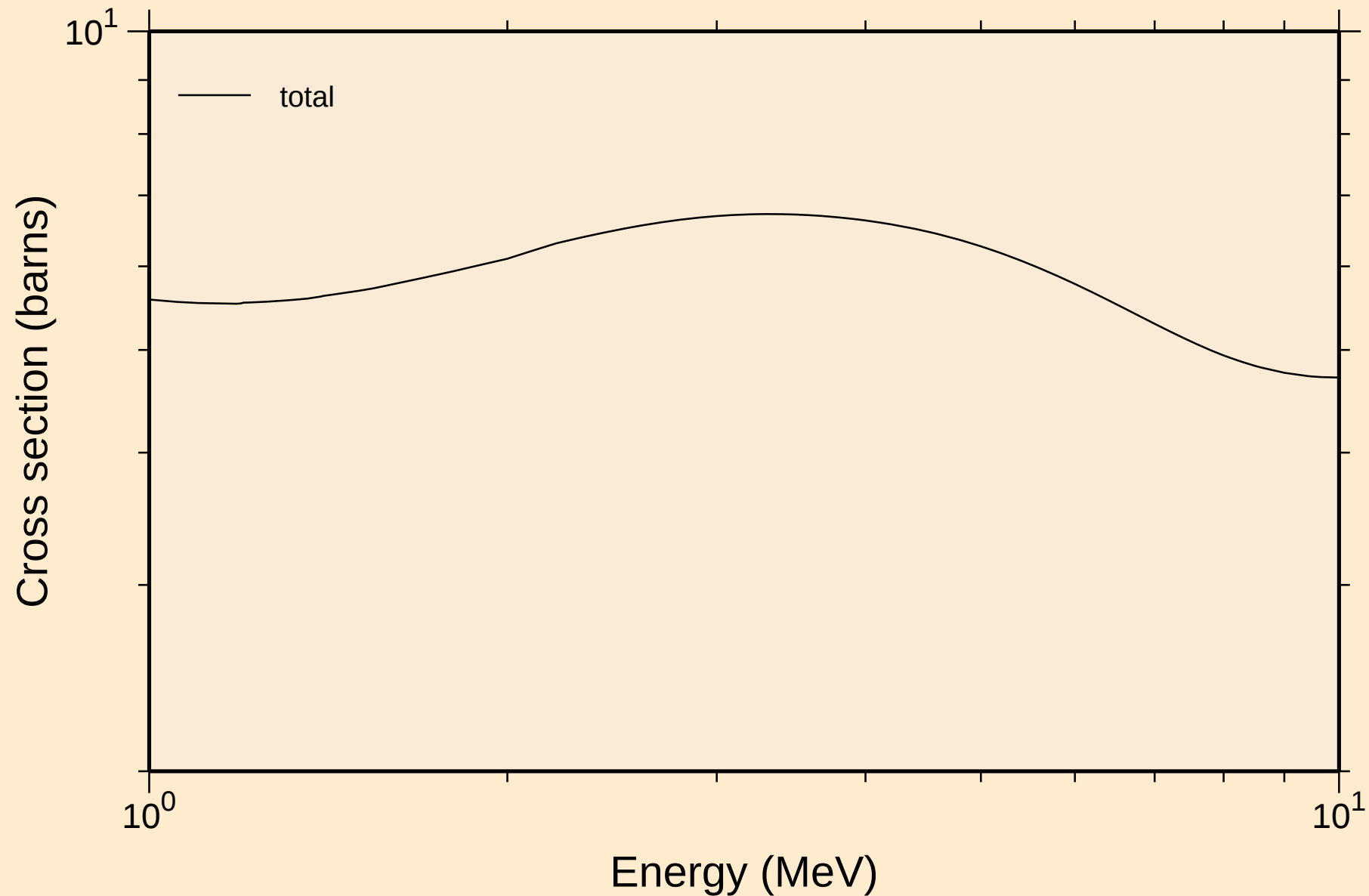
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



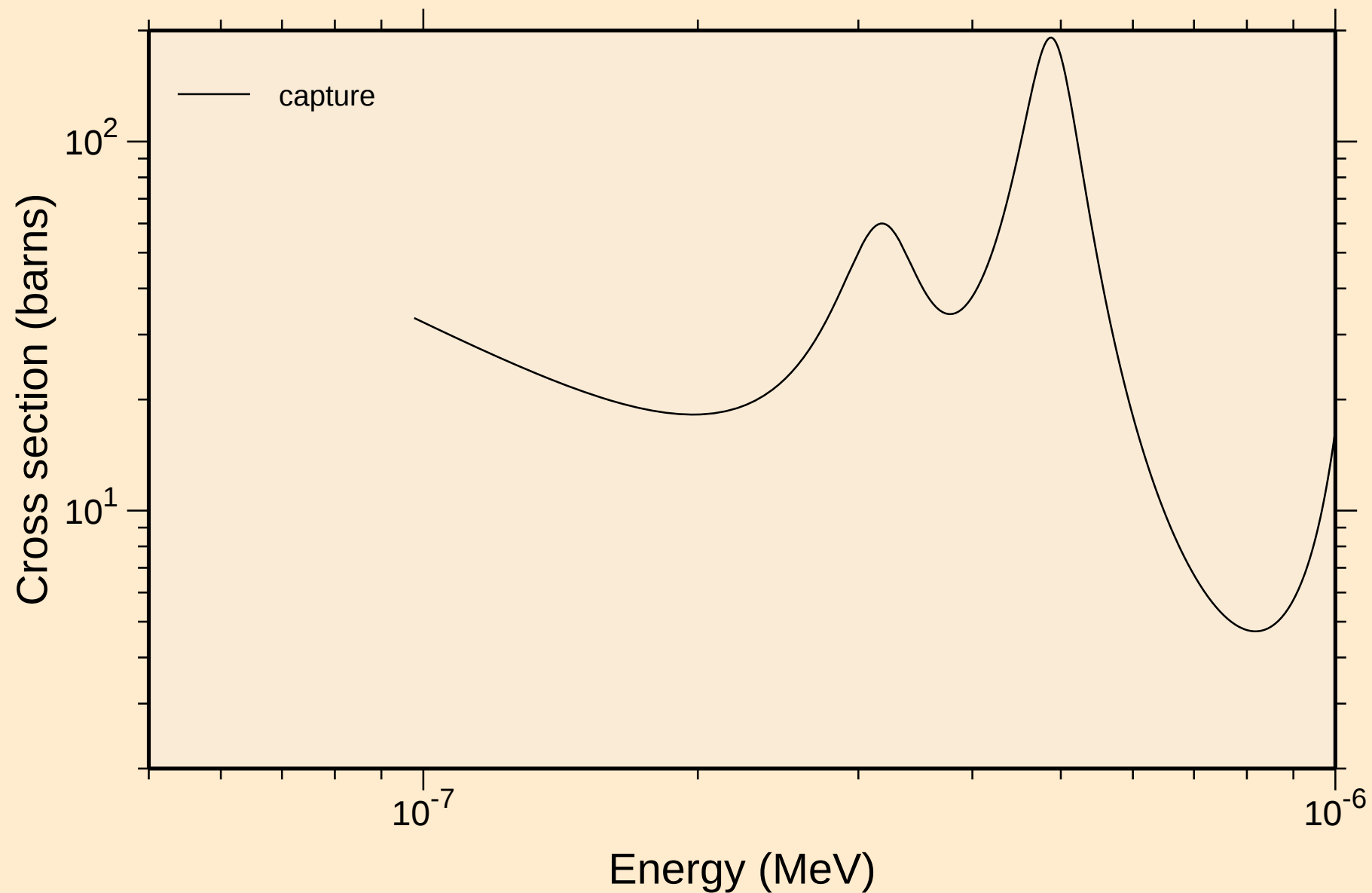
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



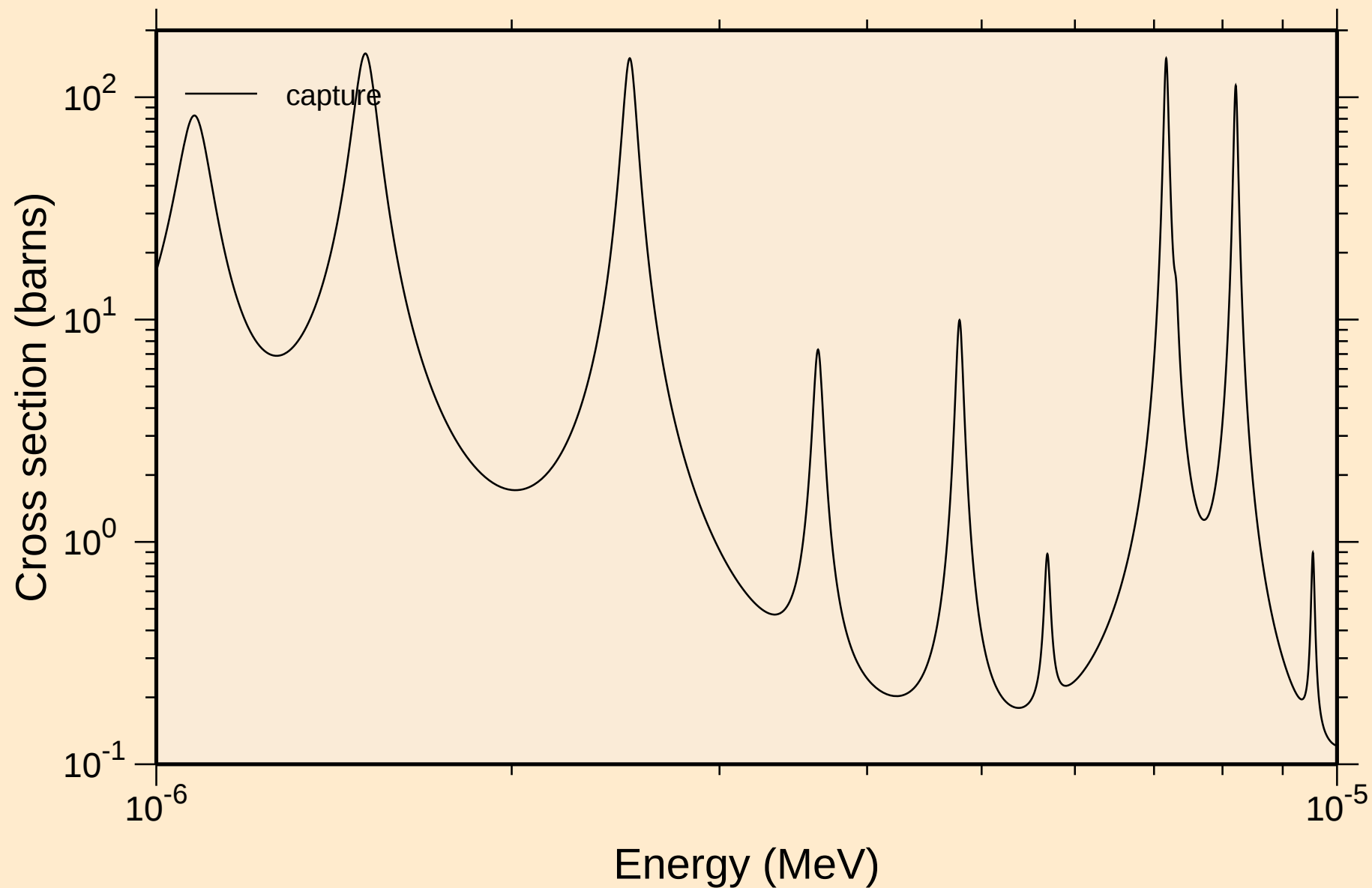
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



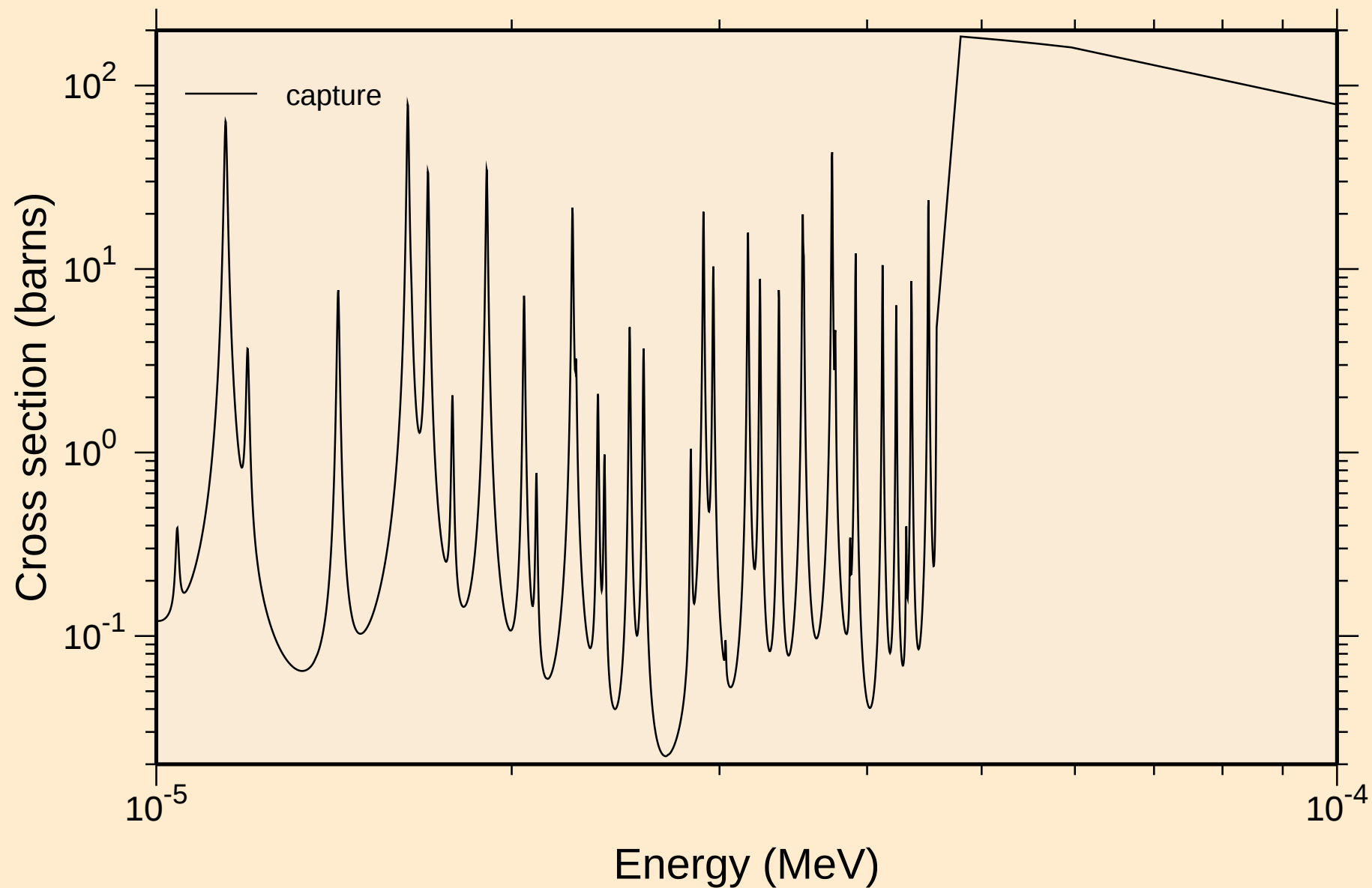
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



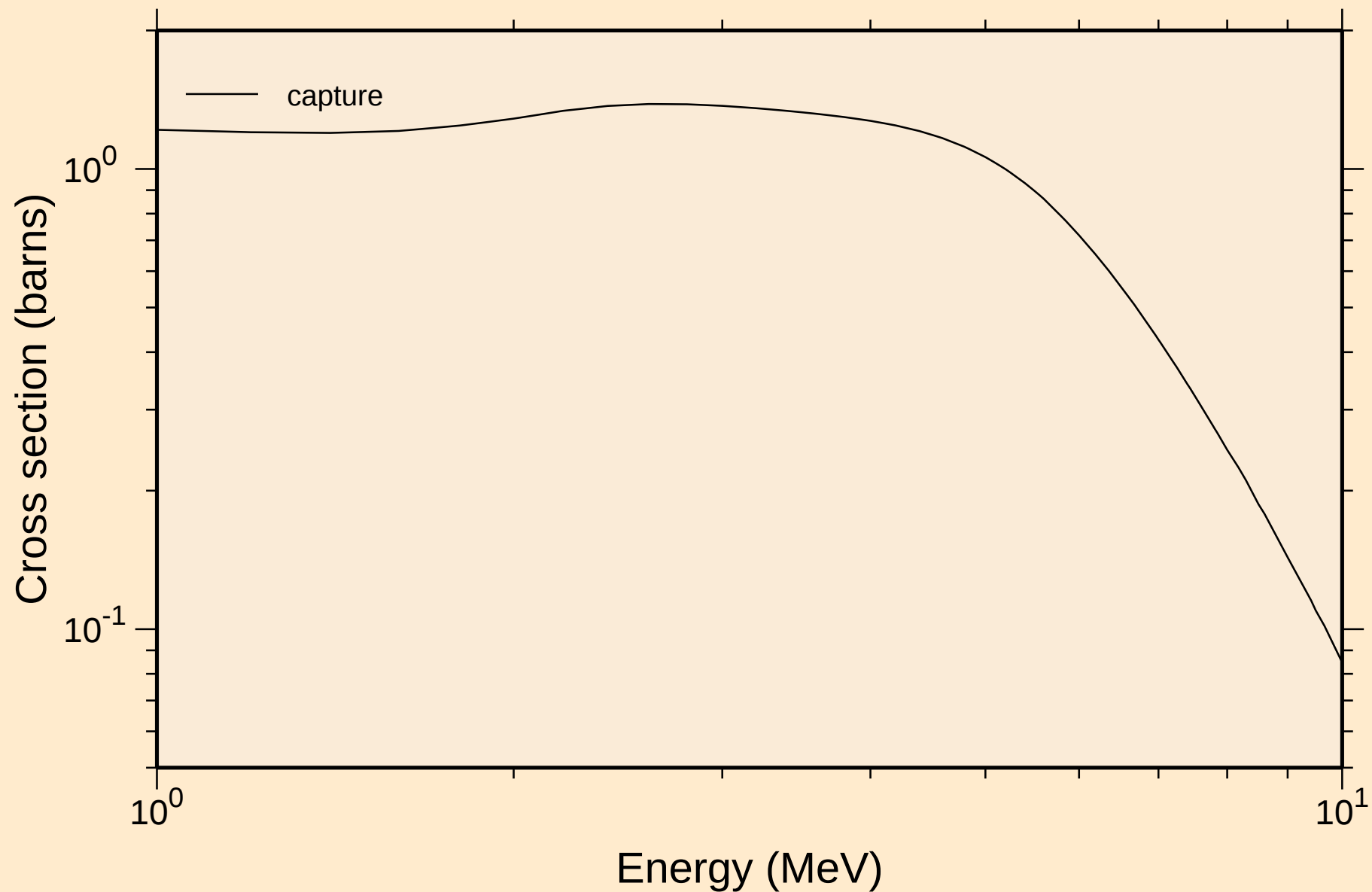
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections

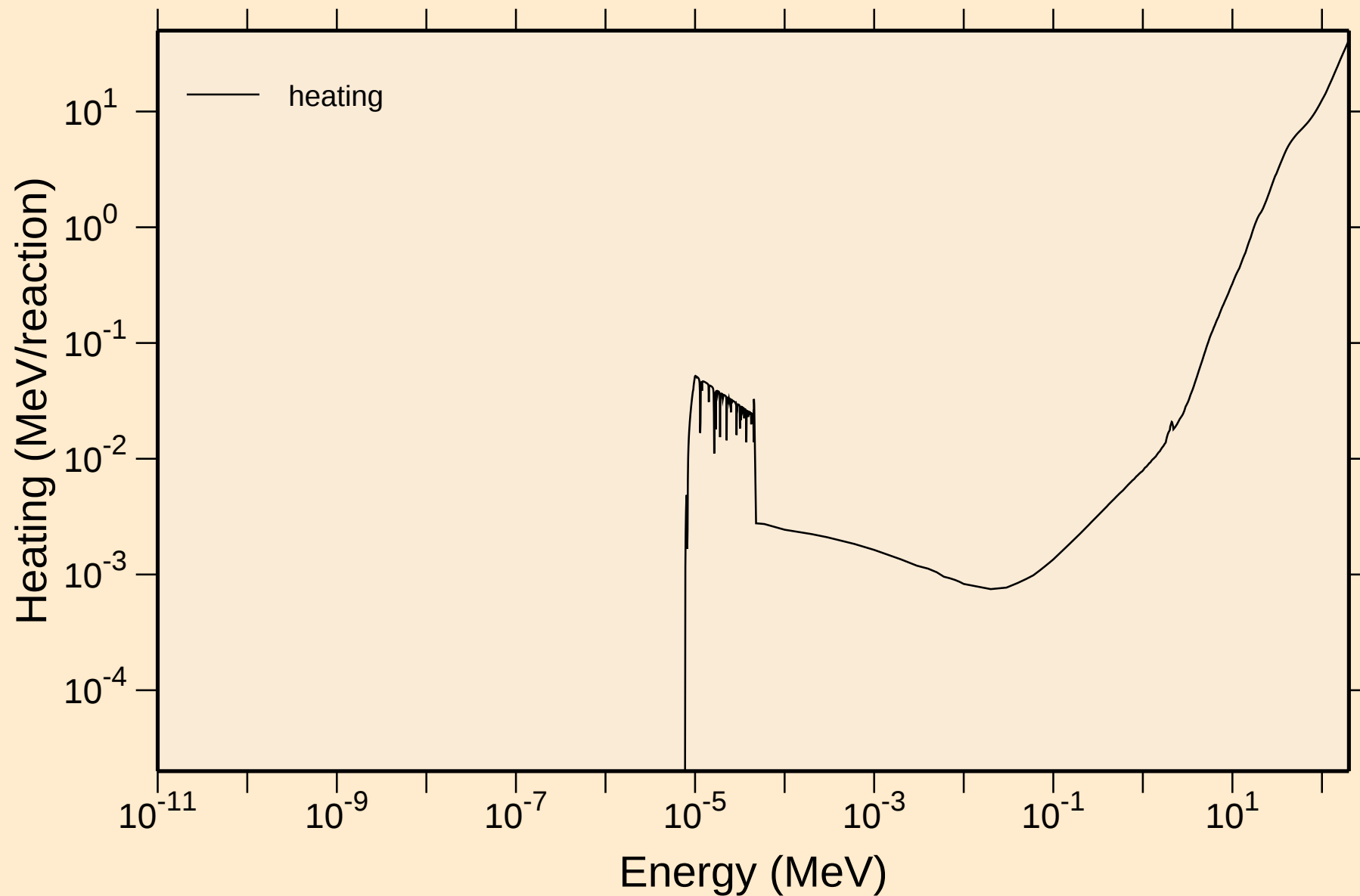


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



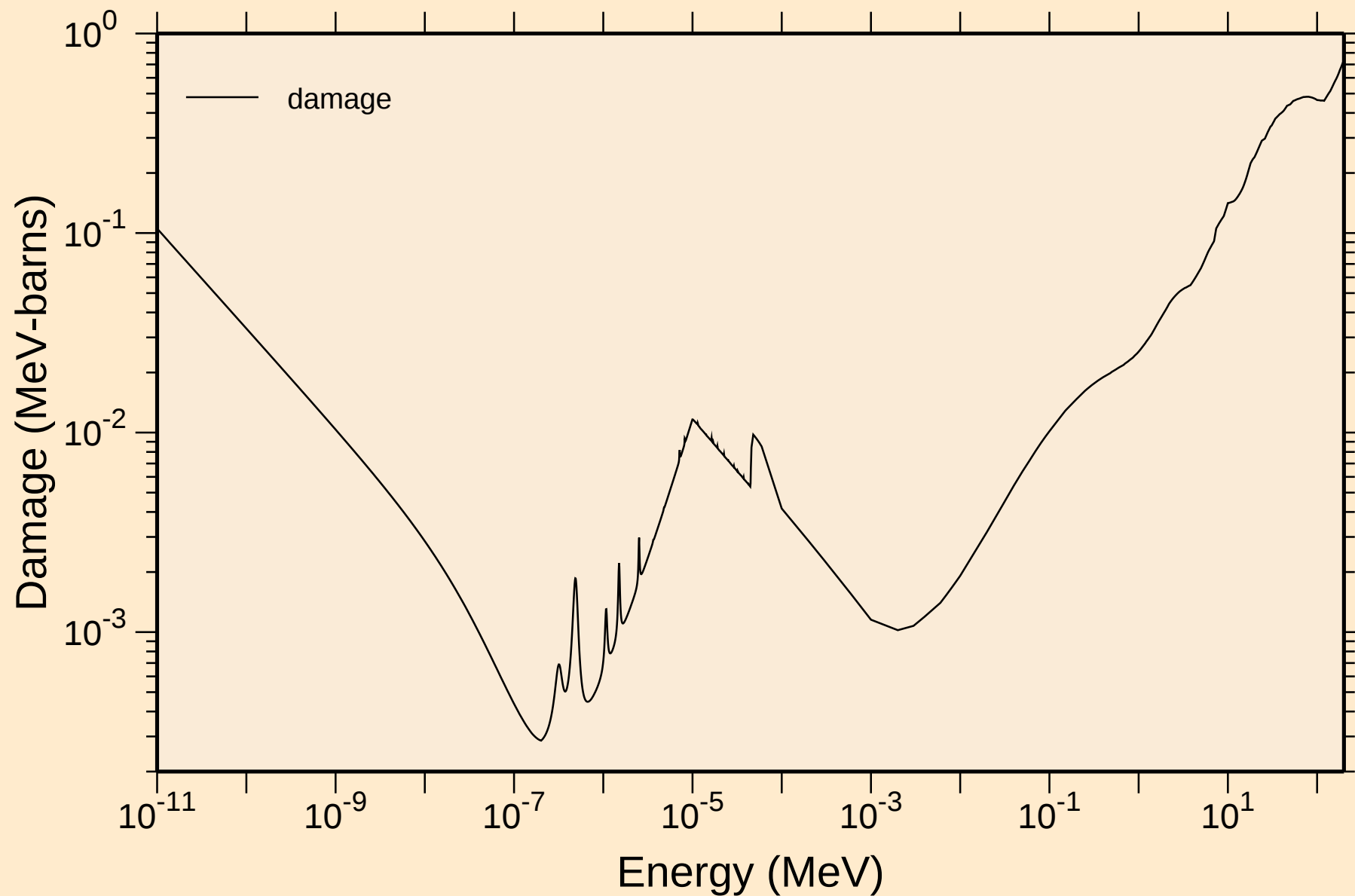
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

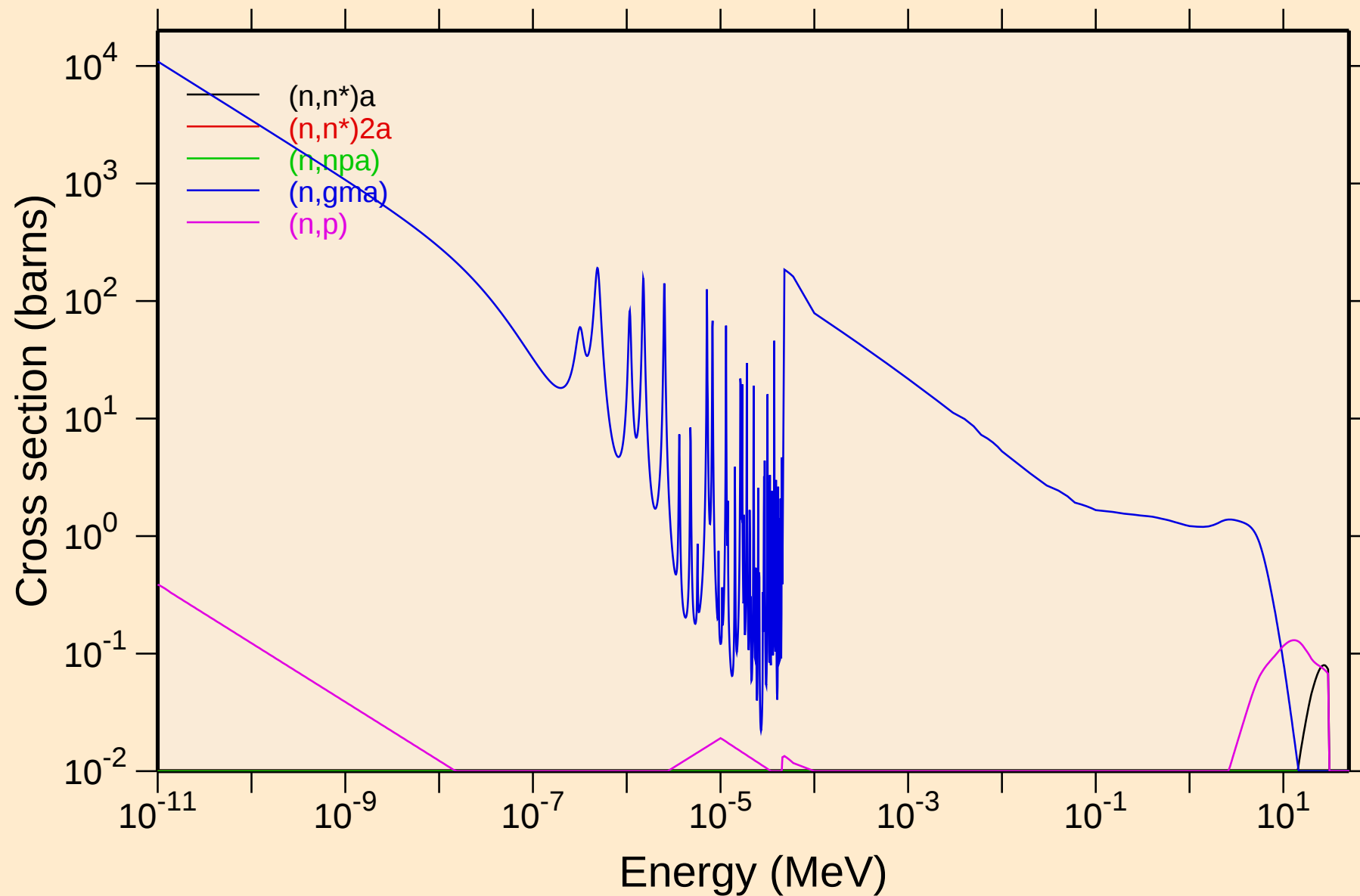


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

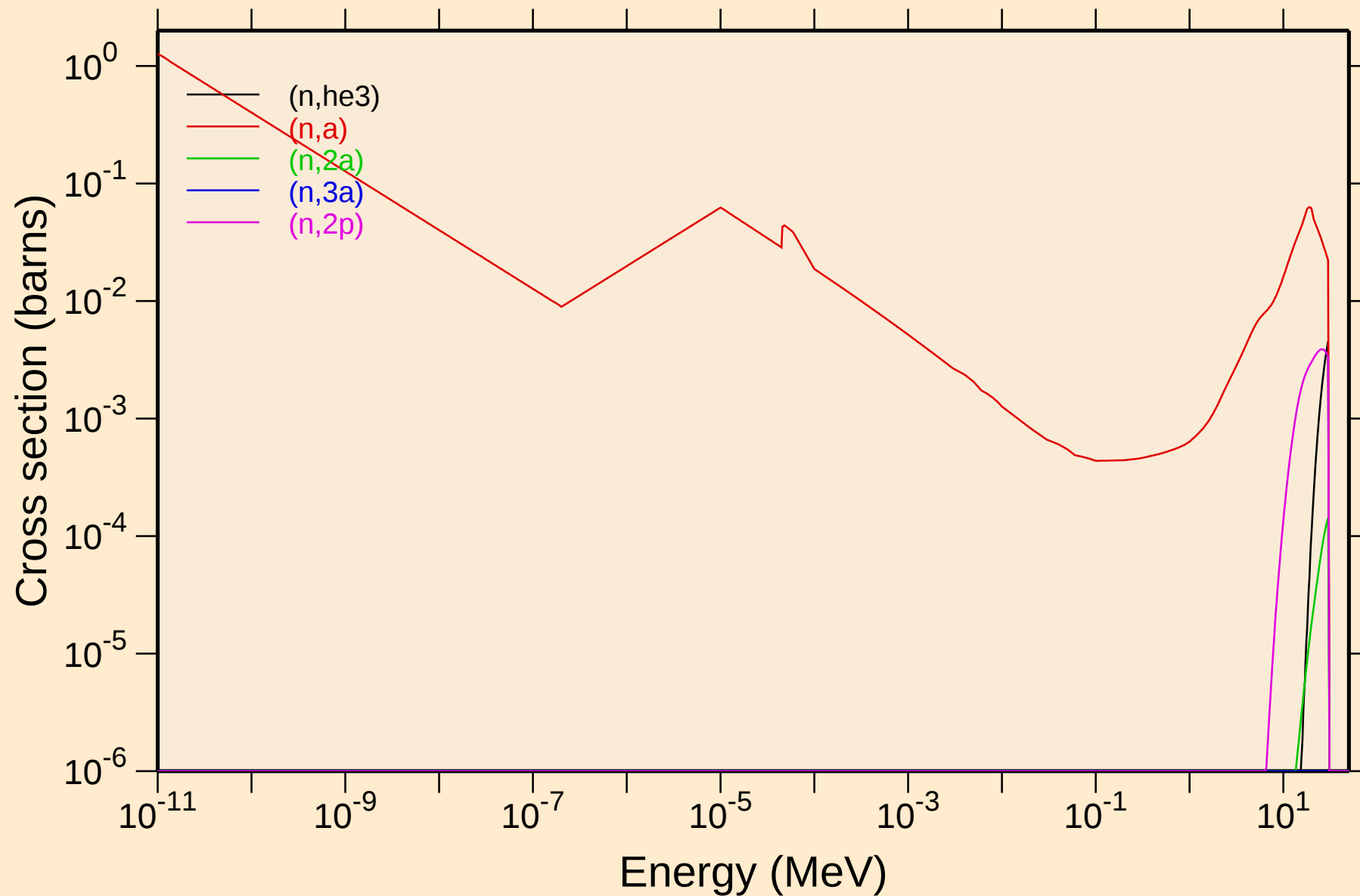
Damage



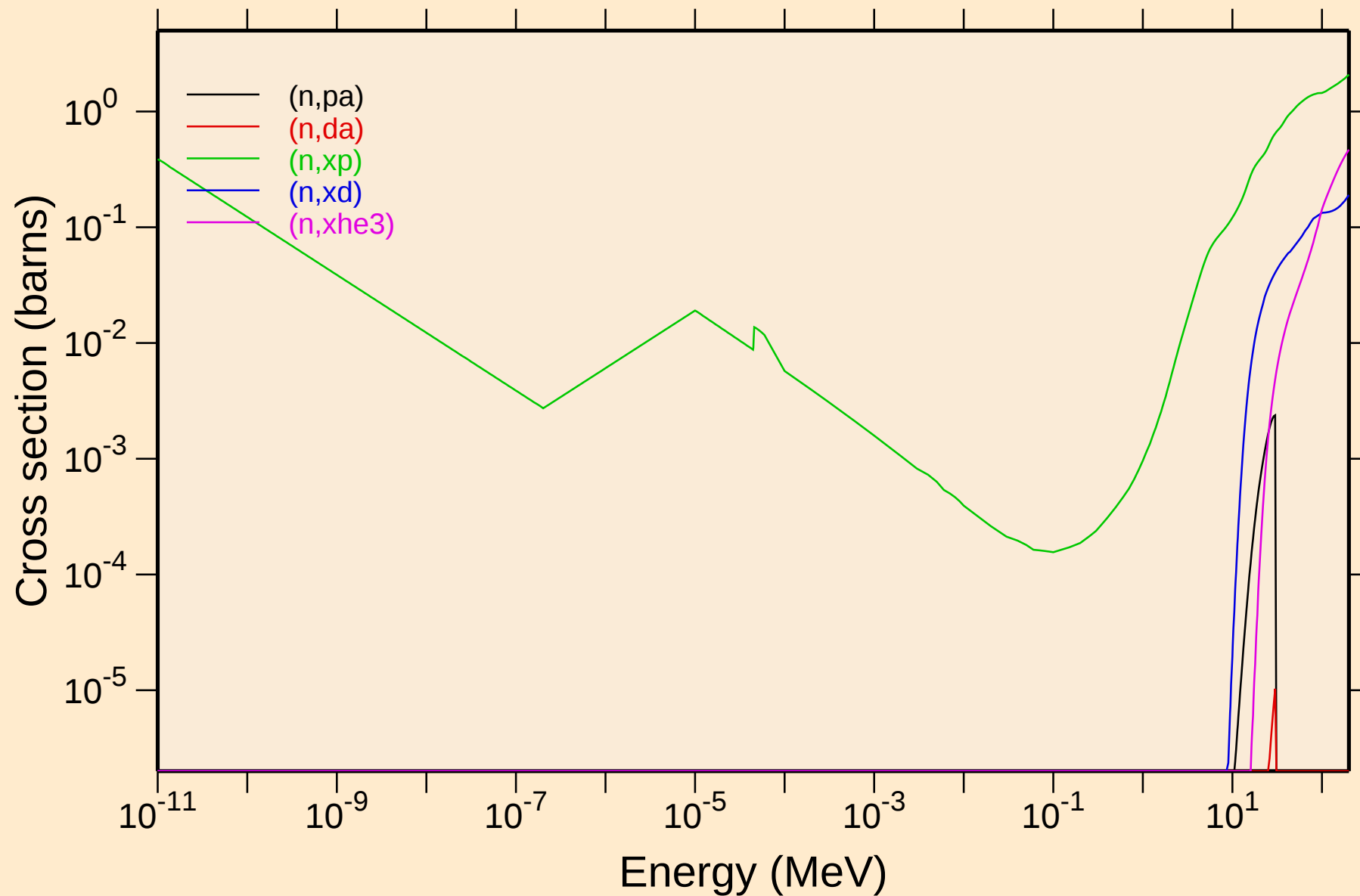
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

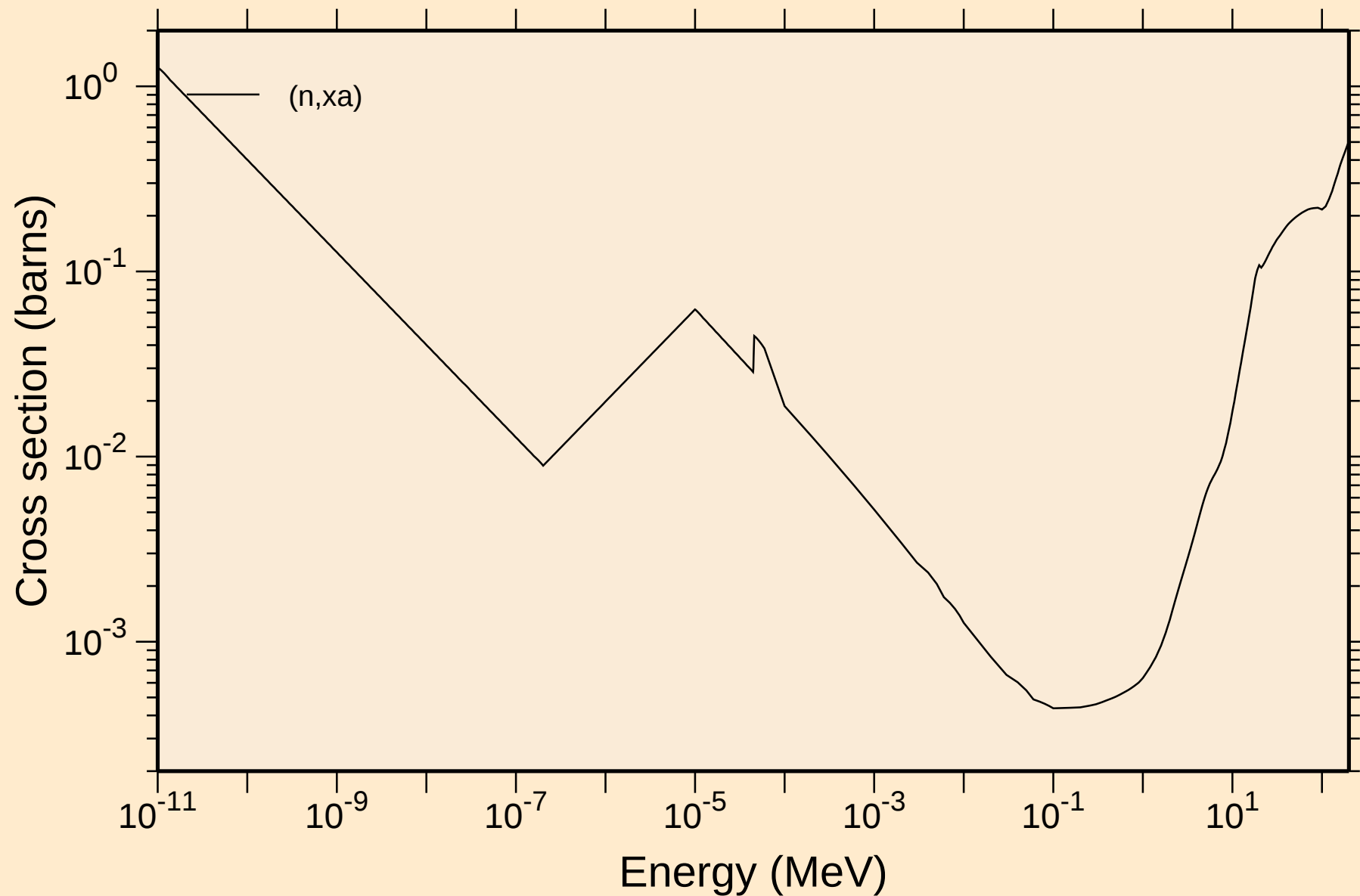


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



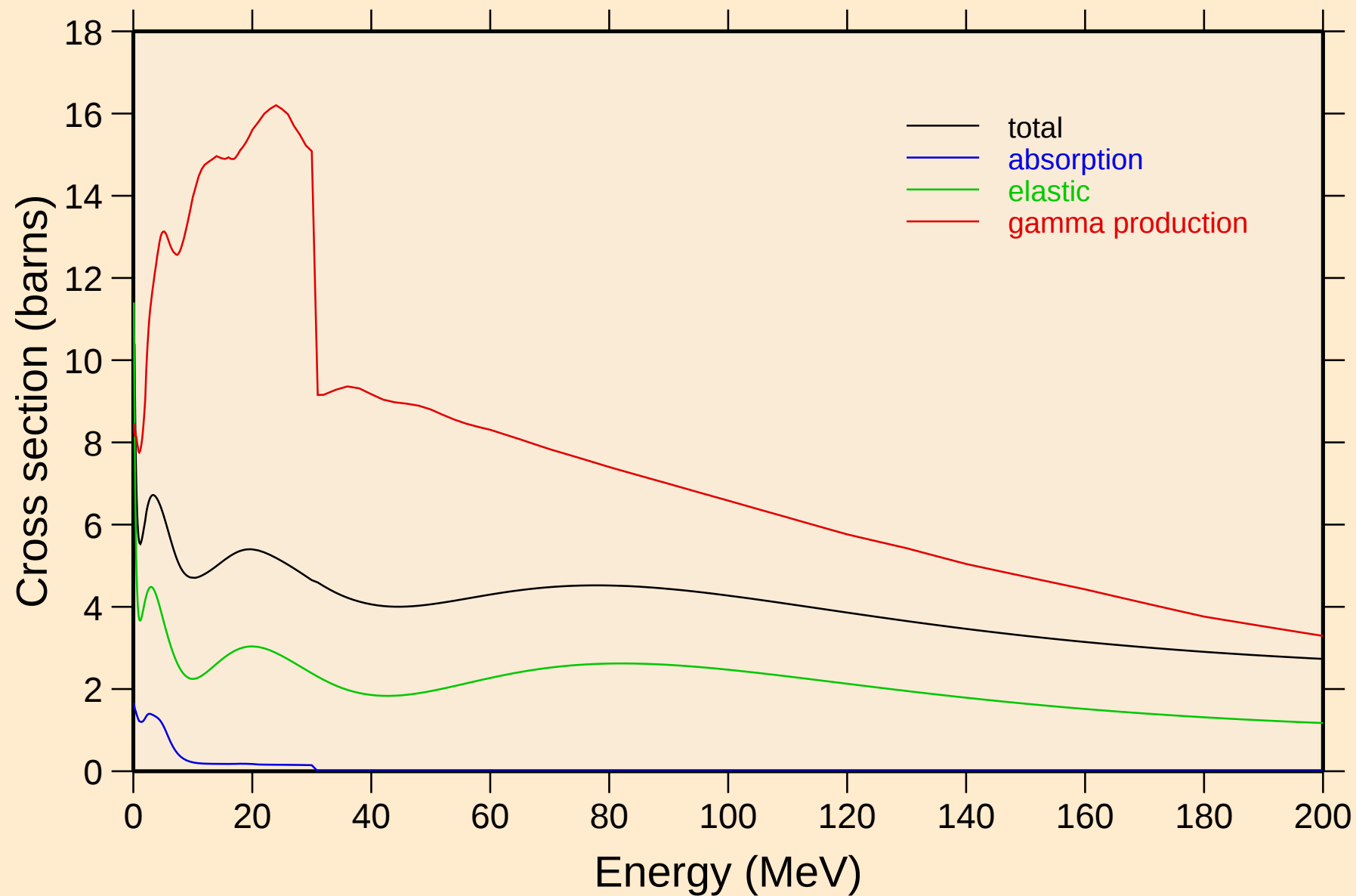
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



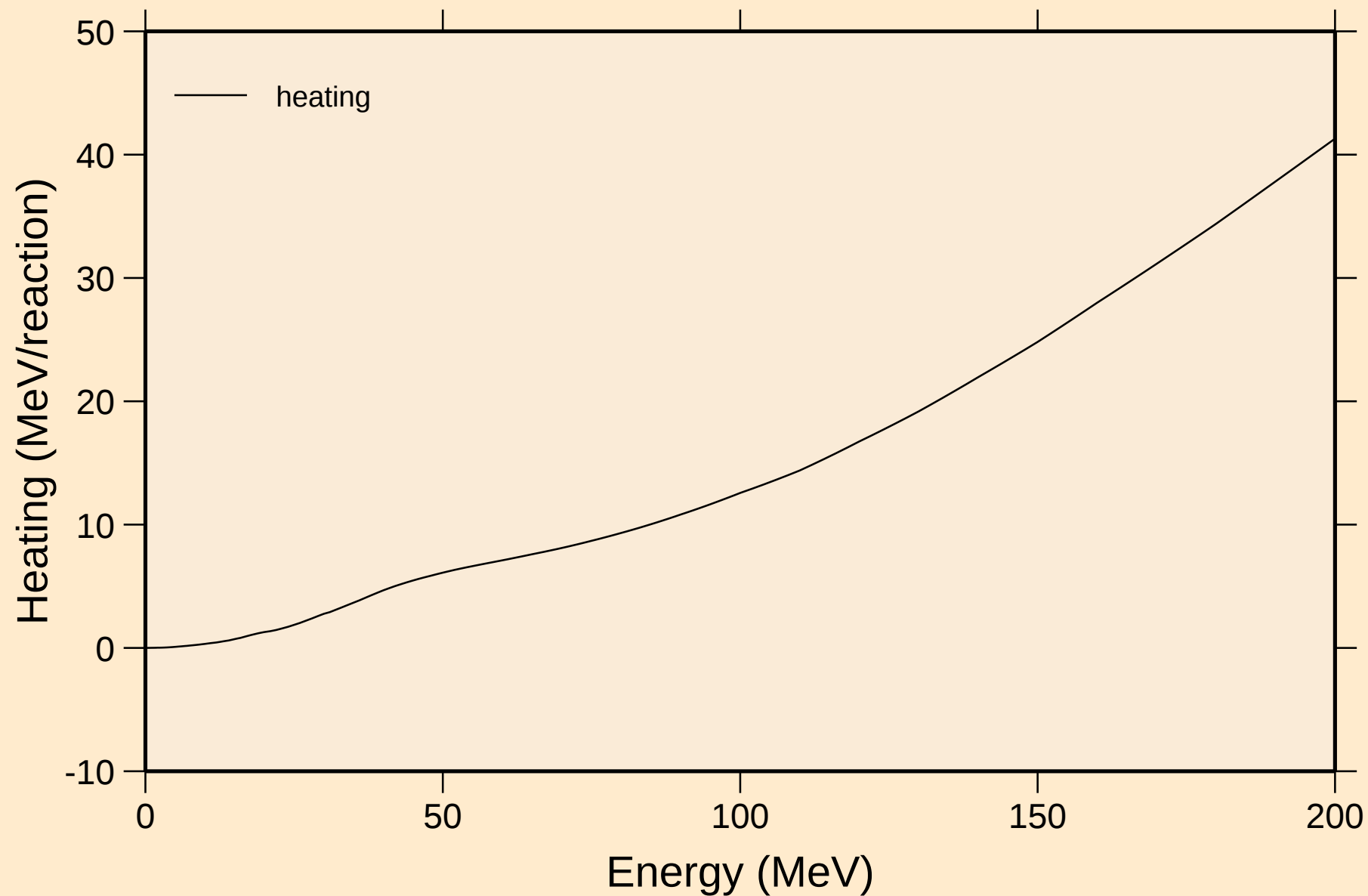
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



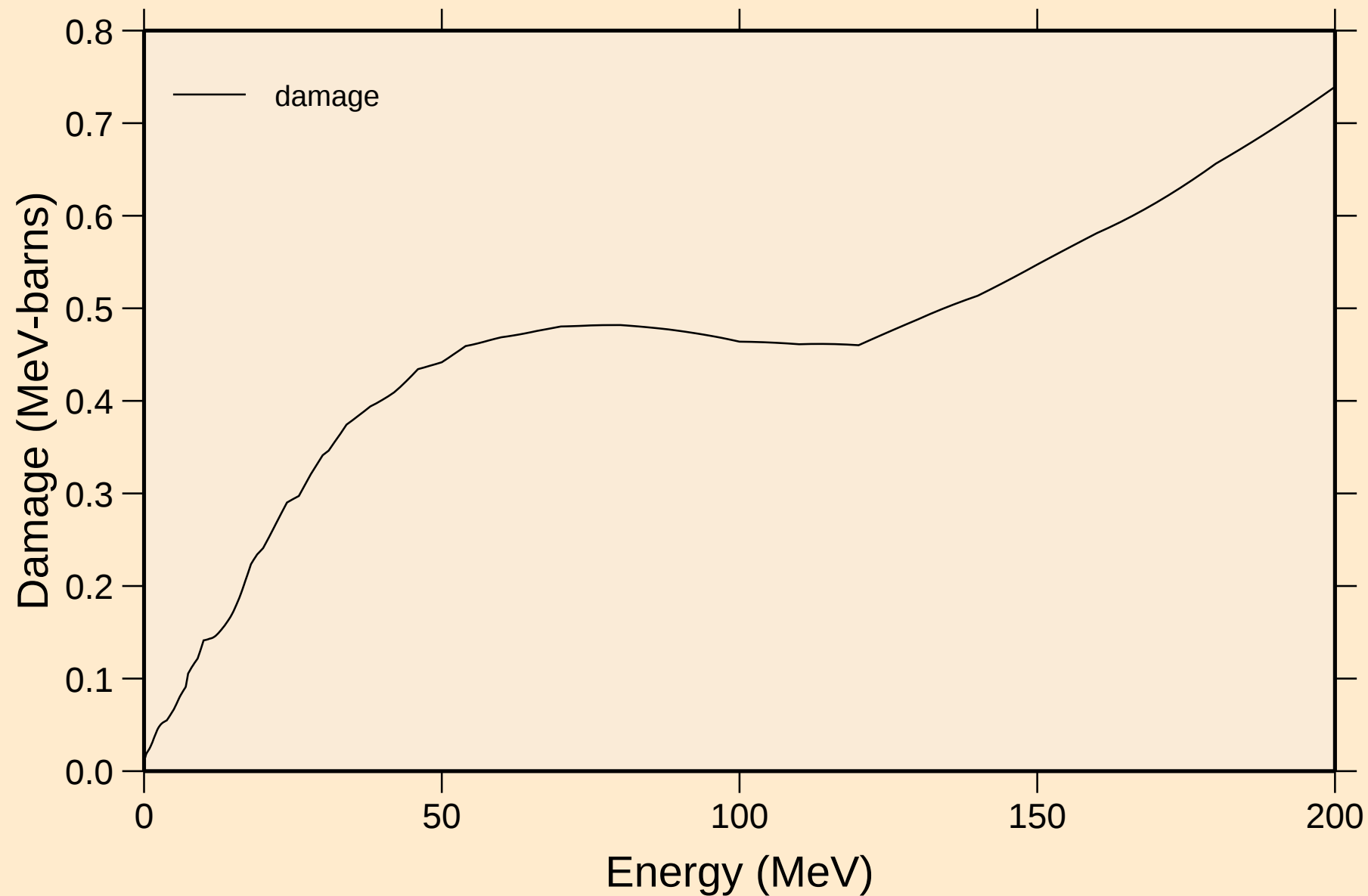
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

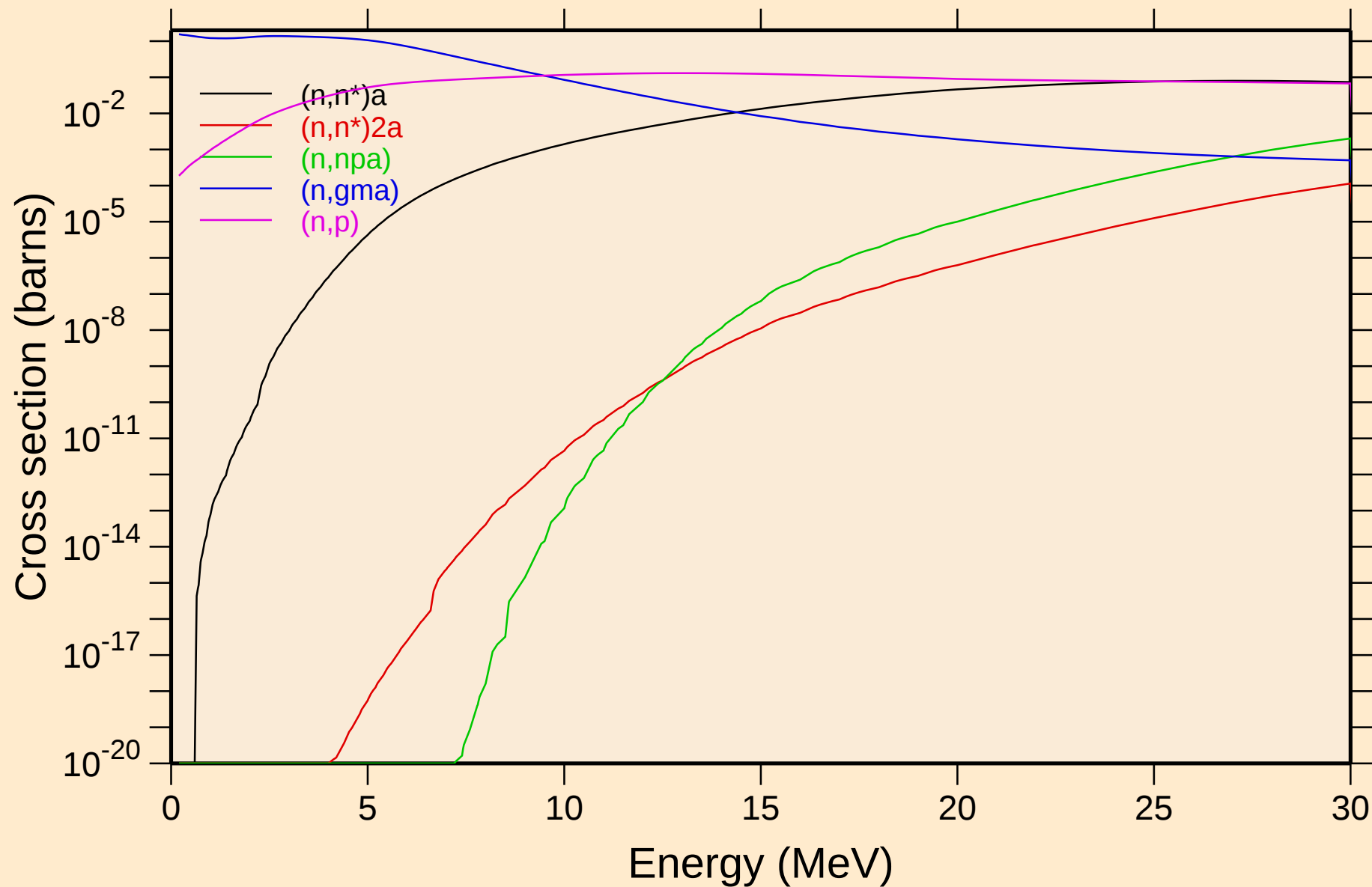


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

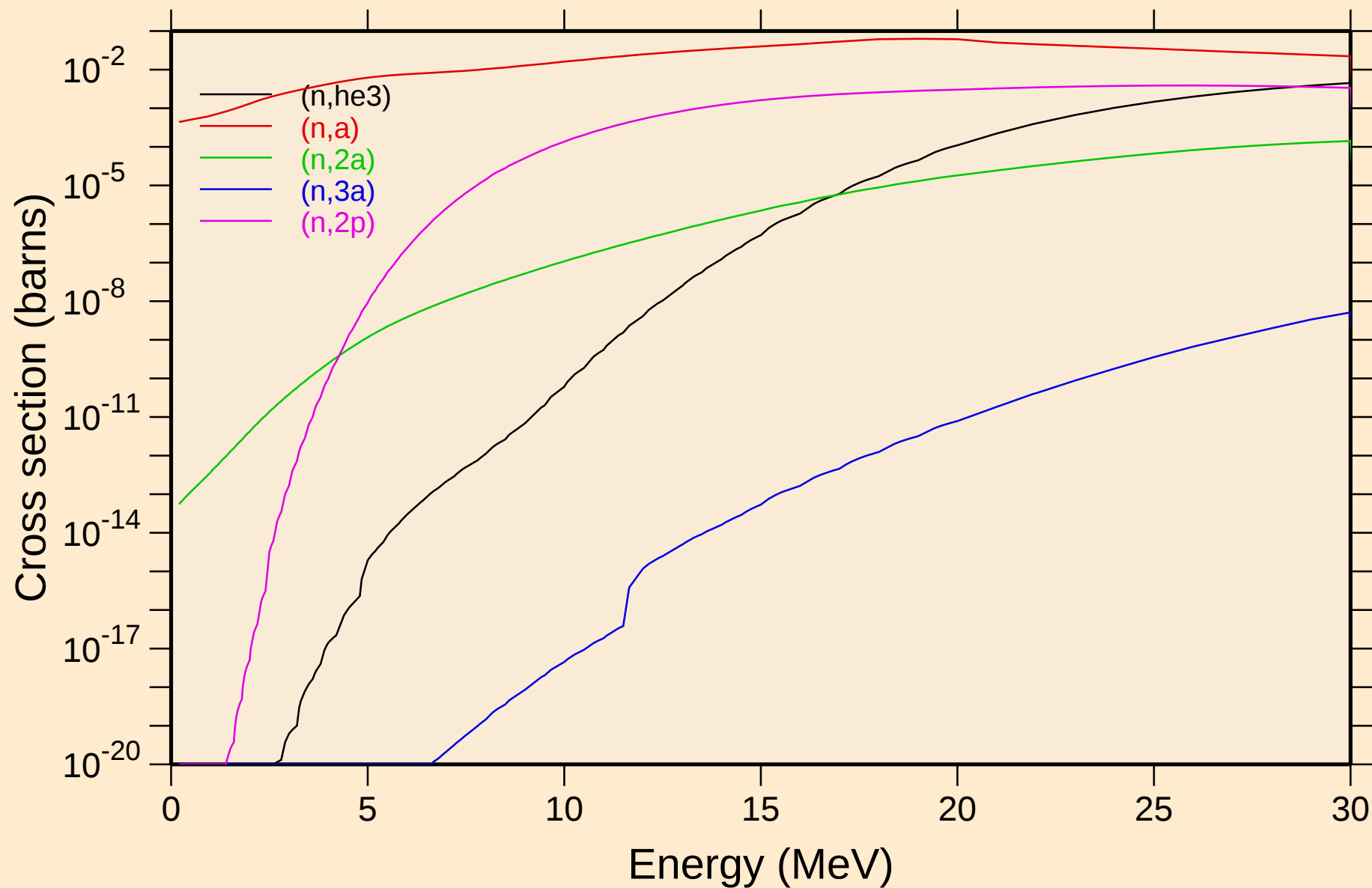
Damage



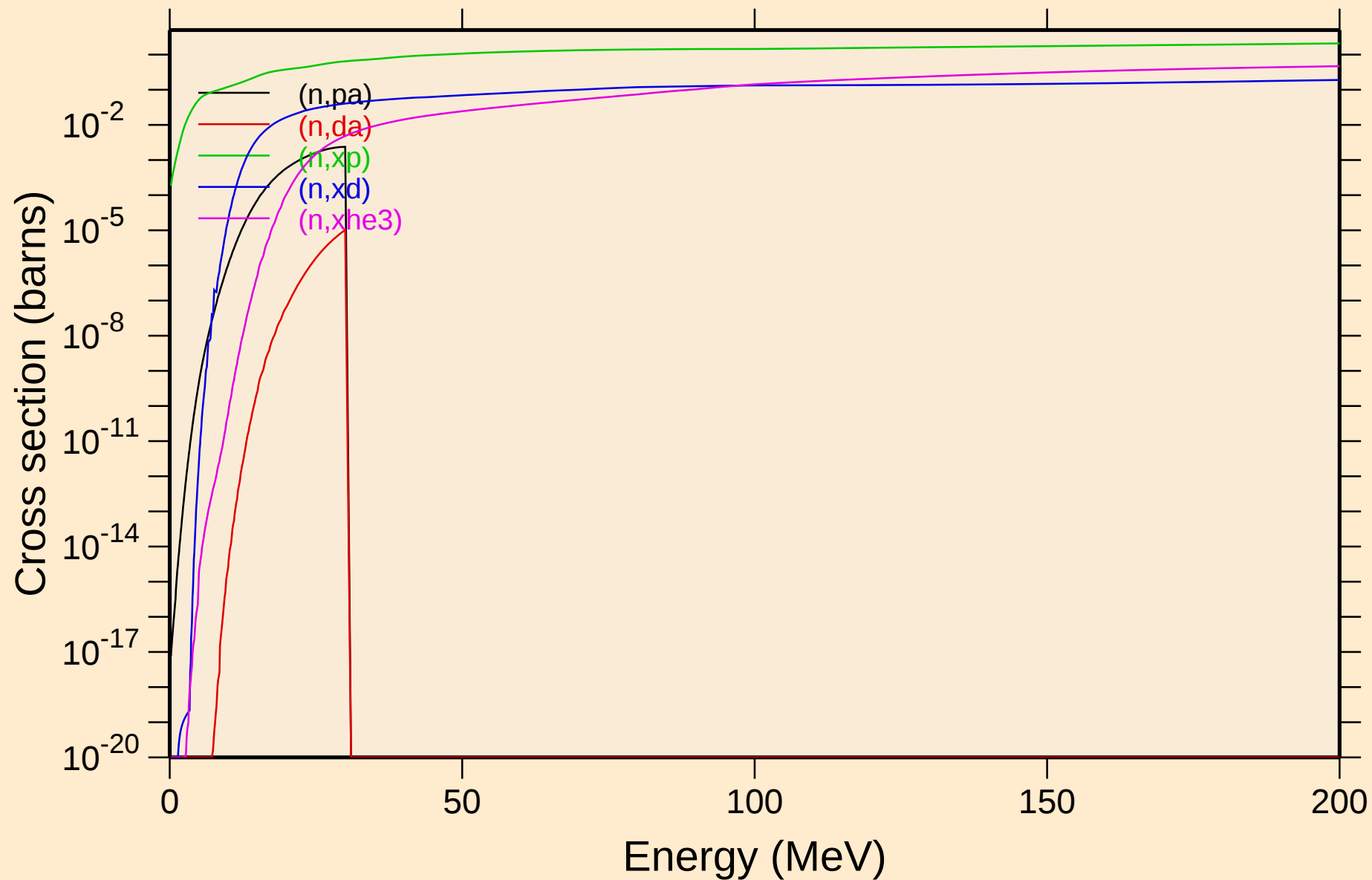
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

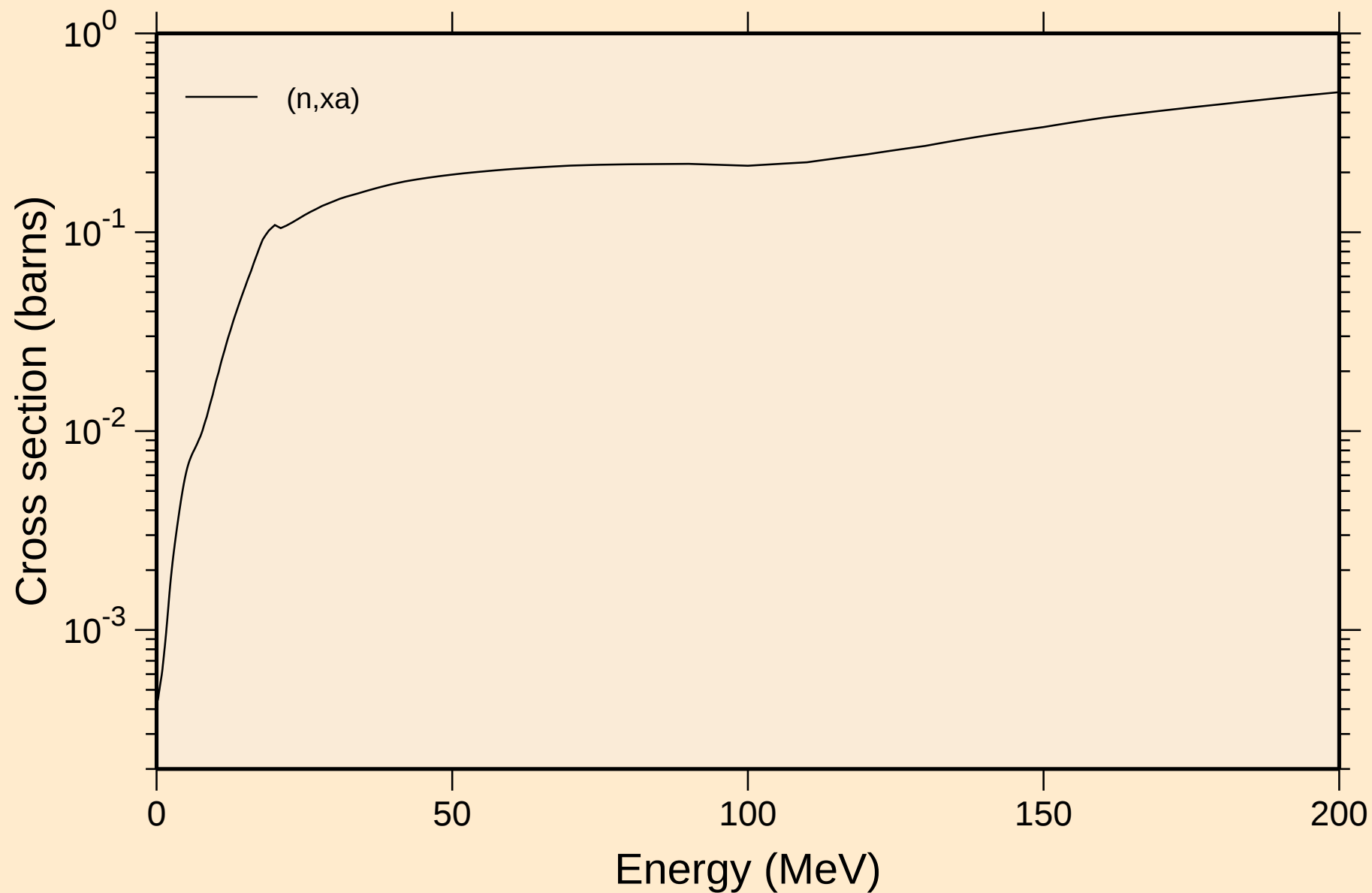


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions

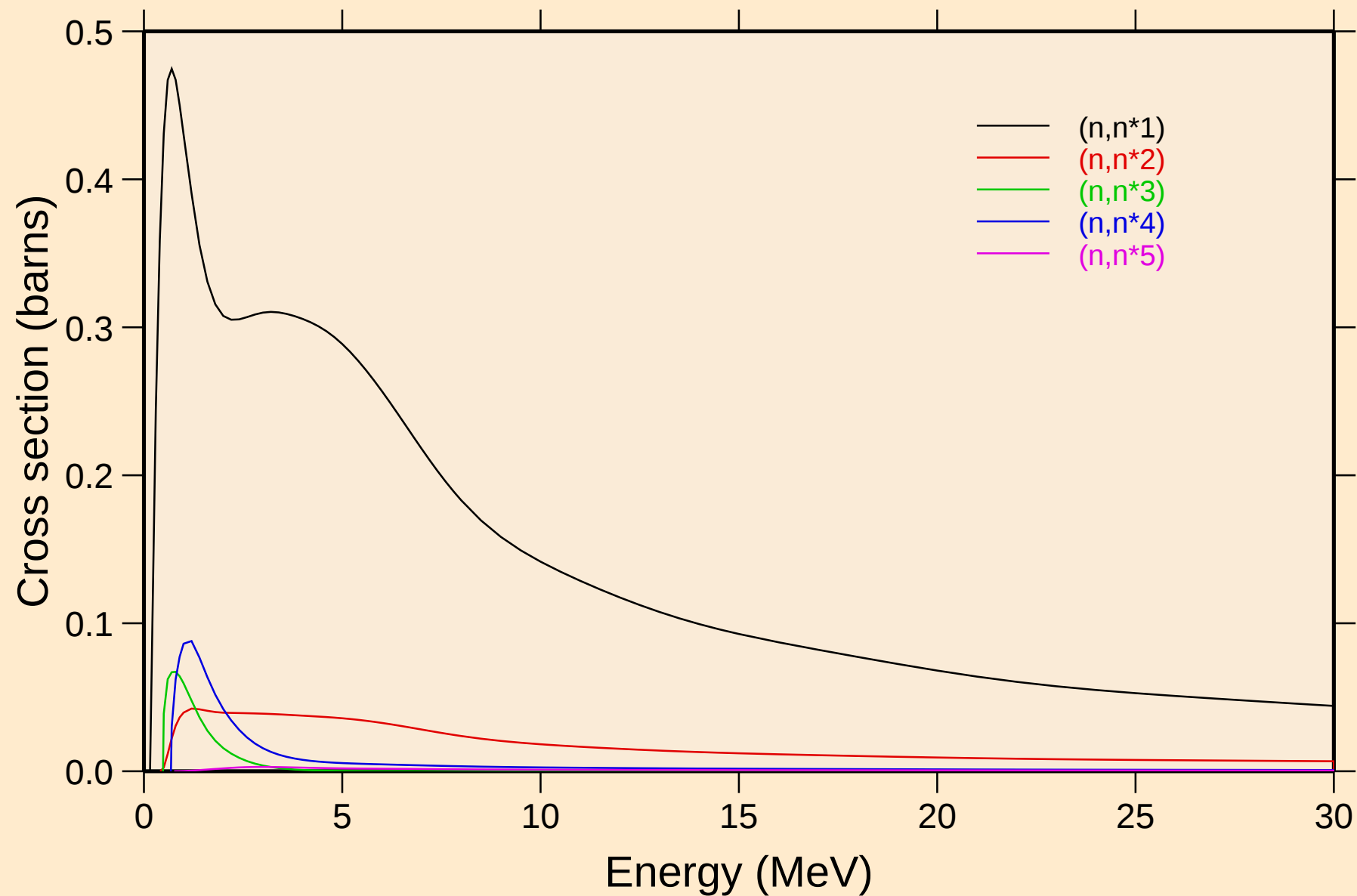


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

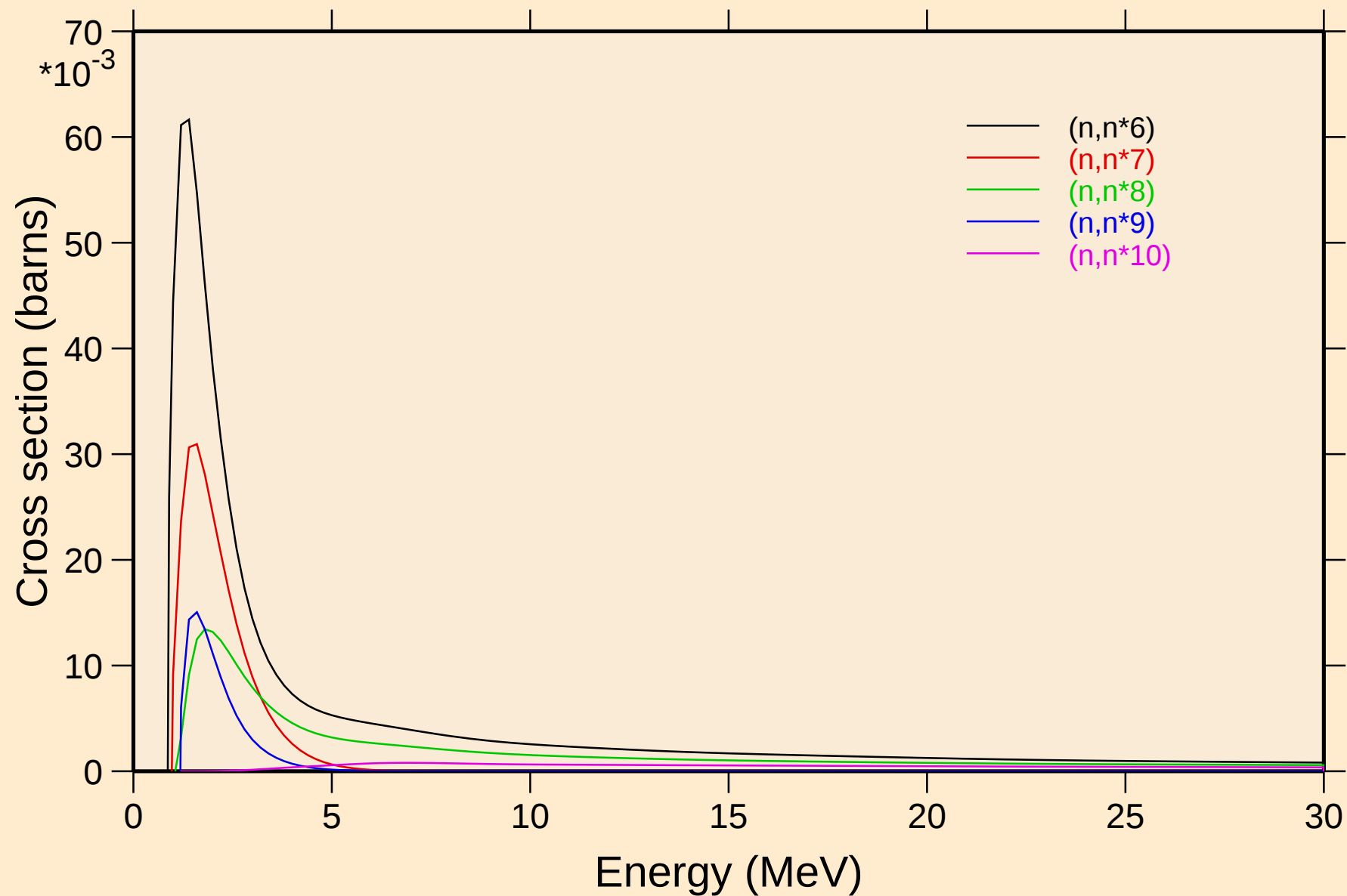


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



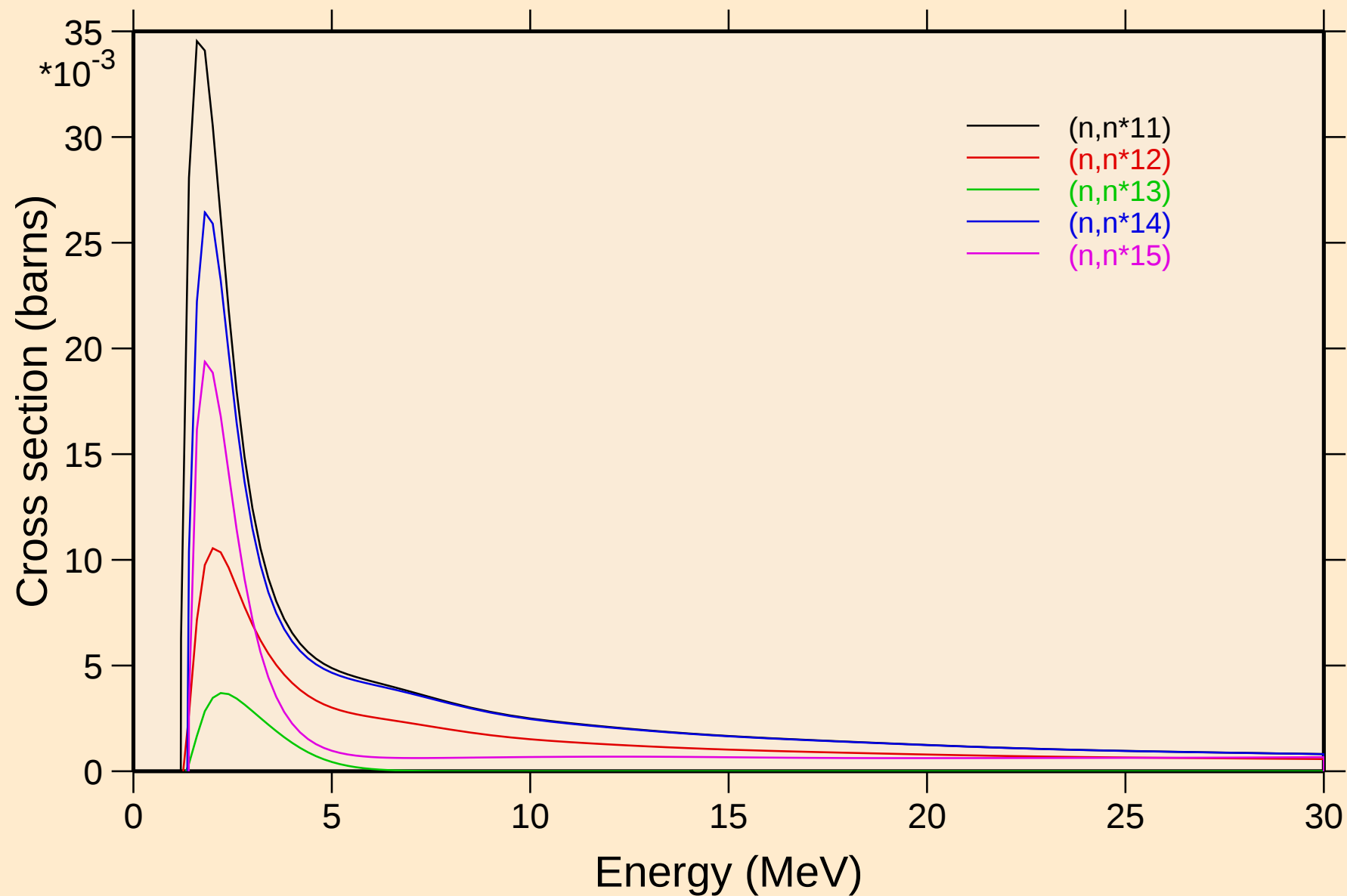
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



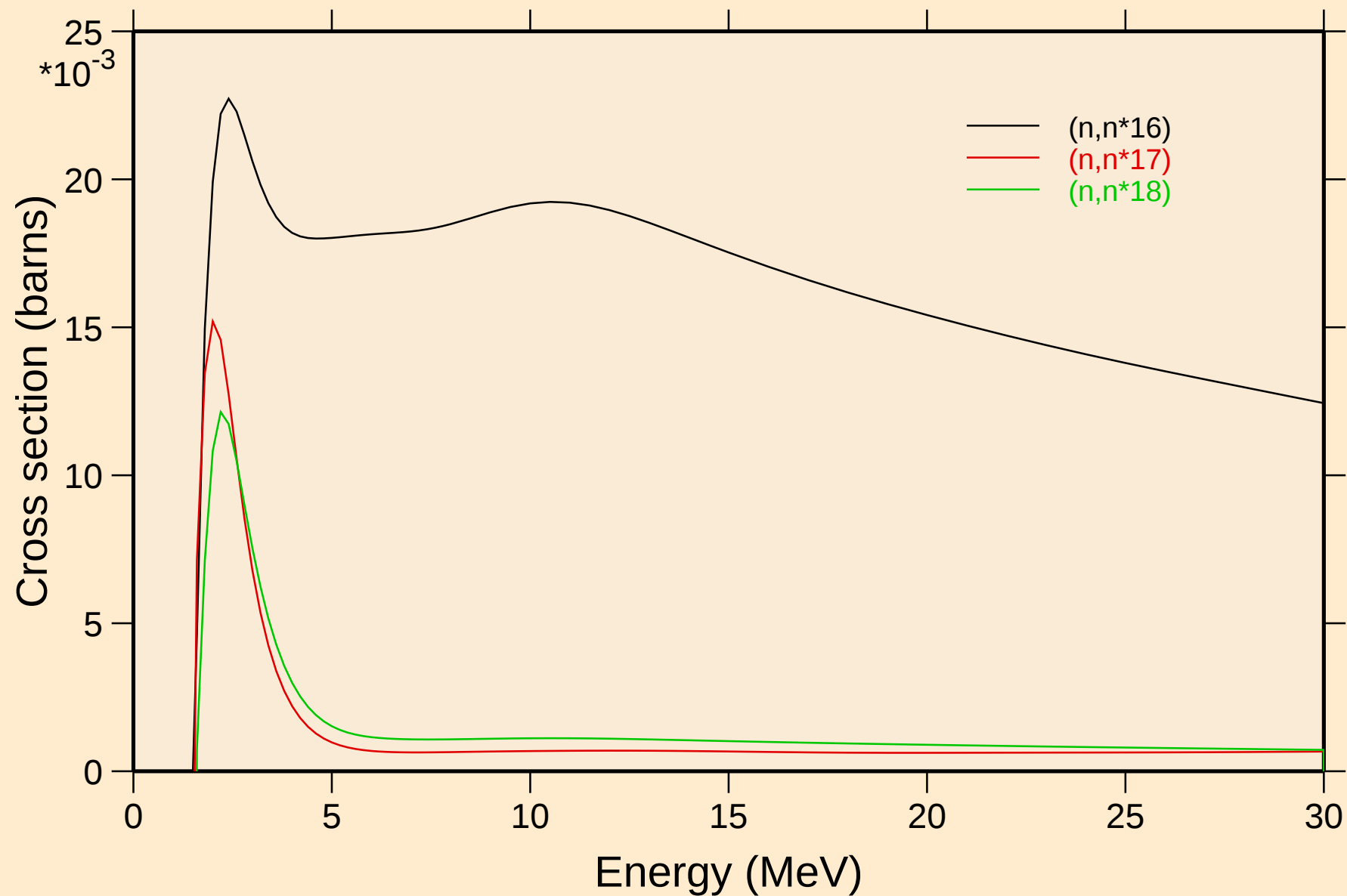
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels



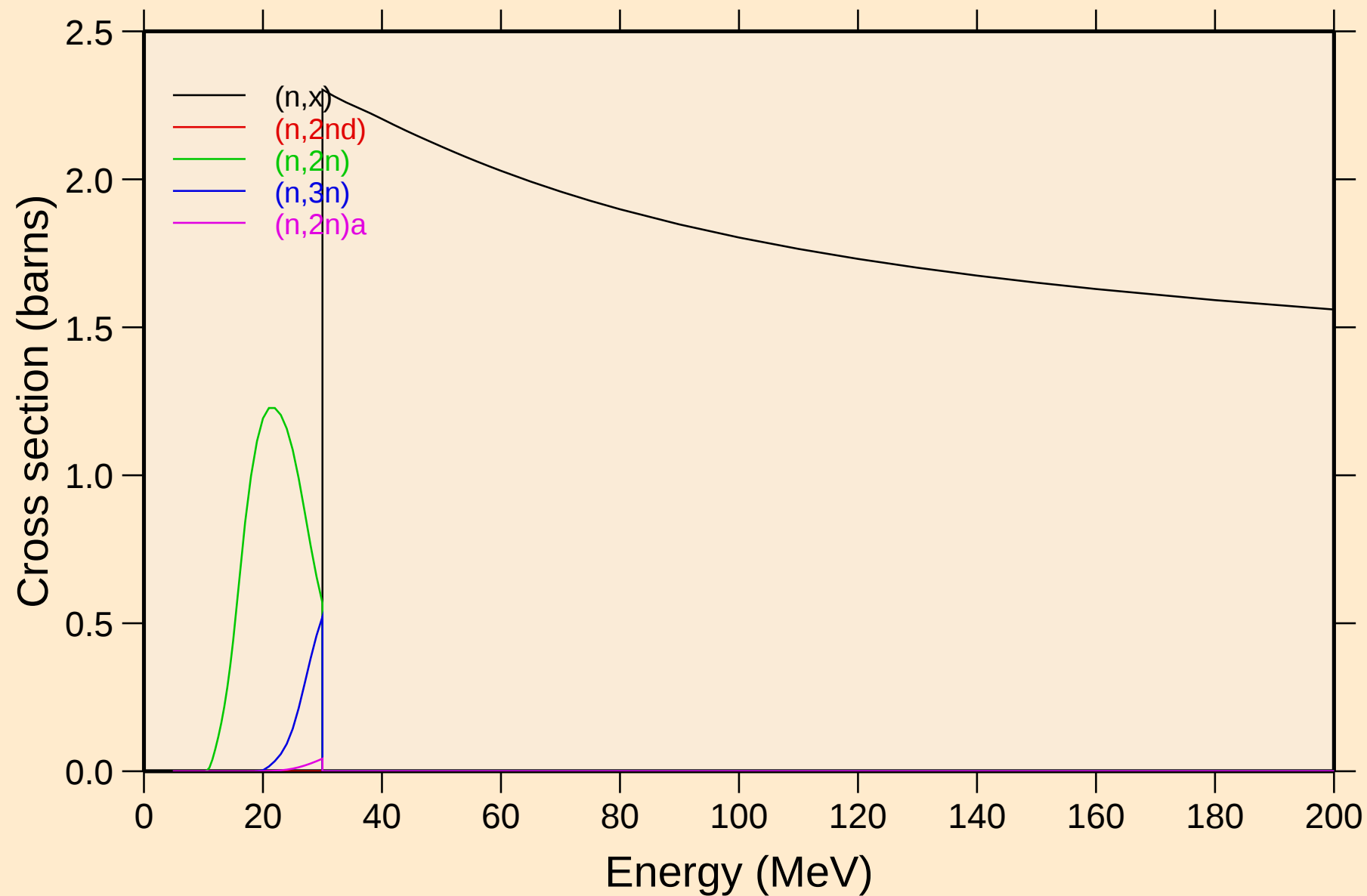
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Inelastic levels

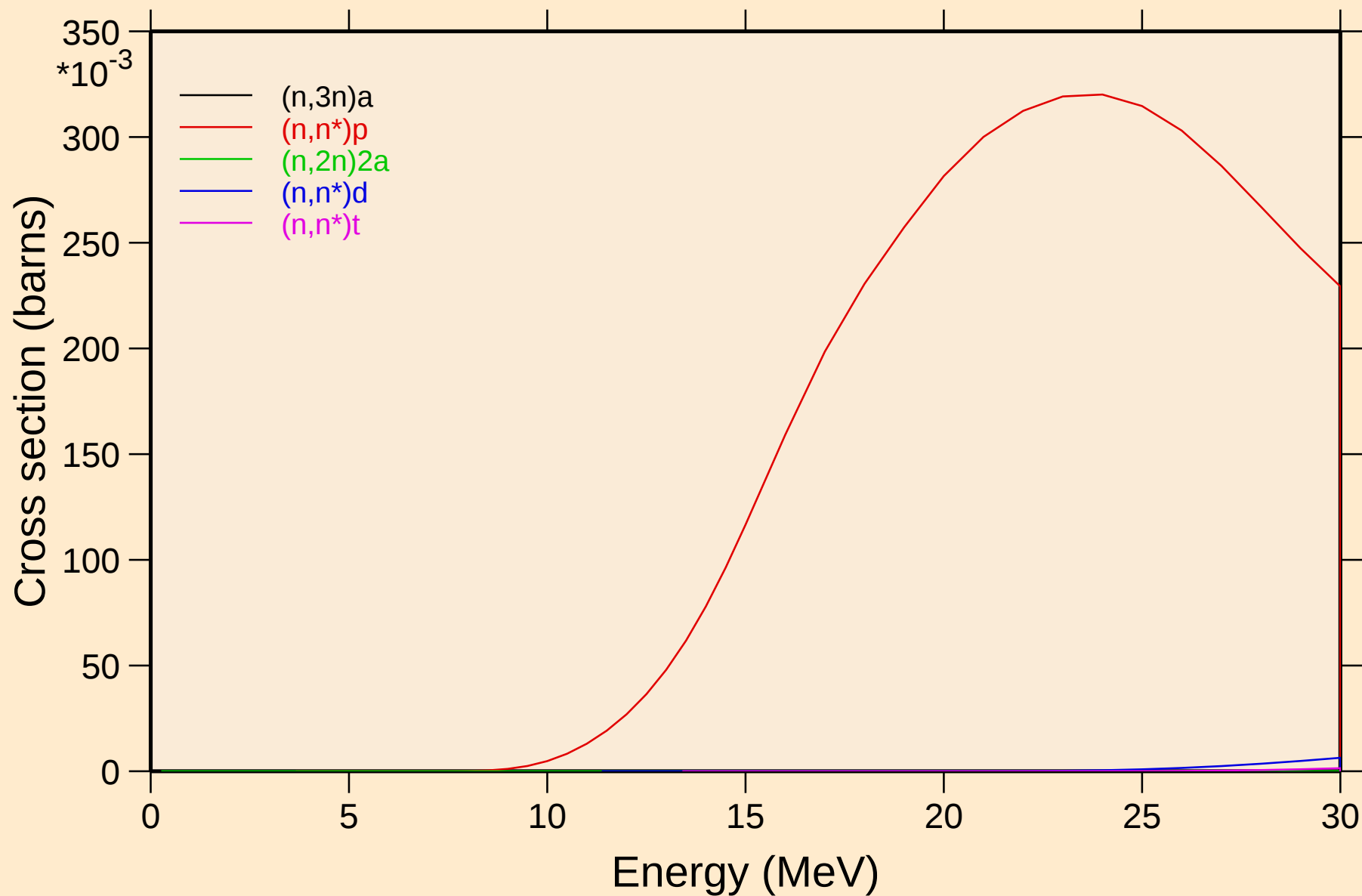


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

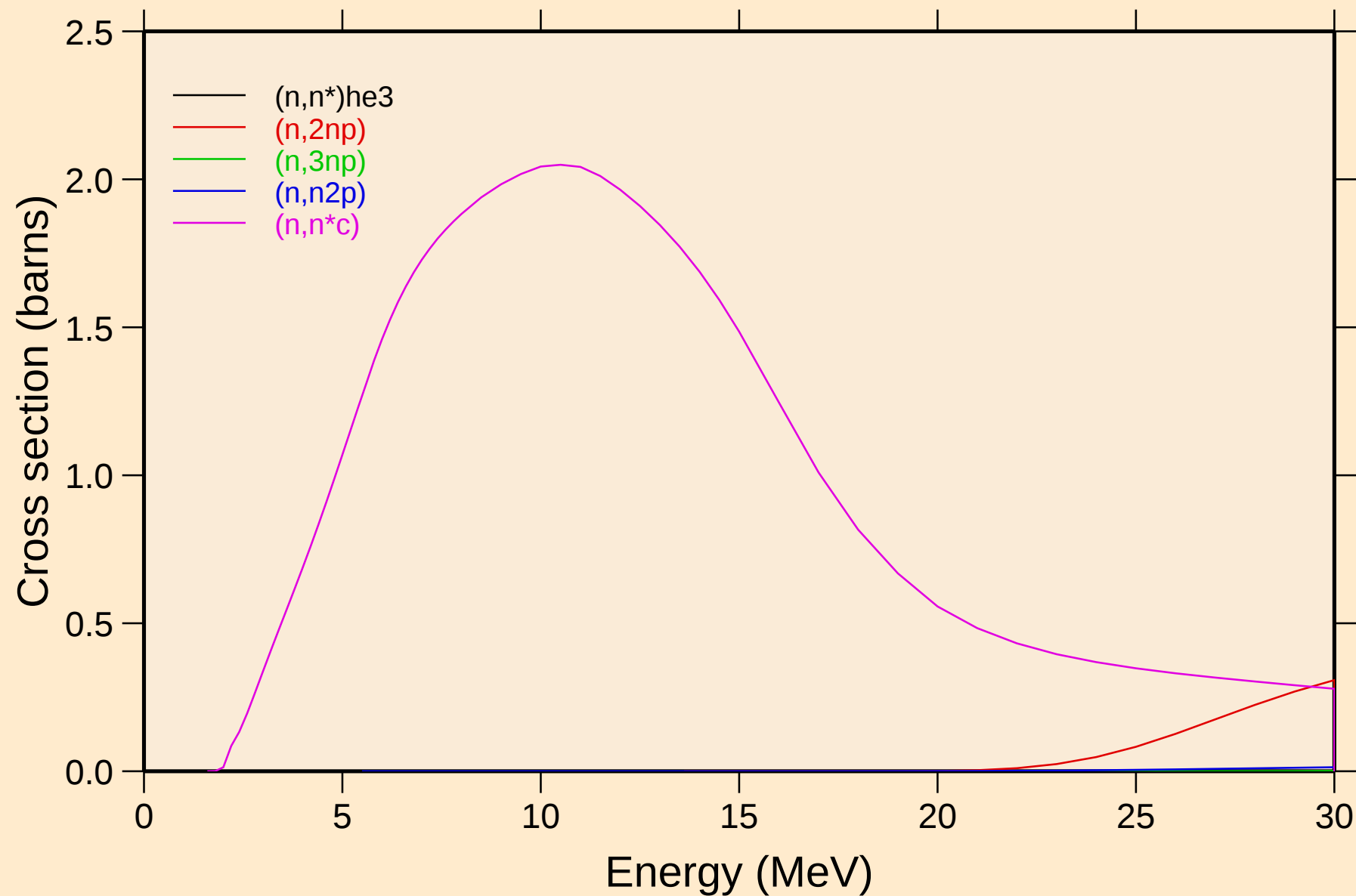
Threshold reactions



PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

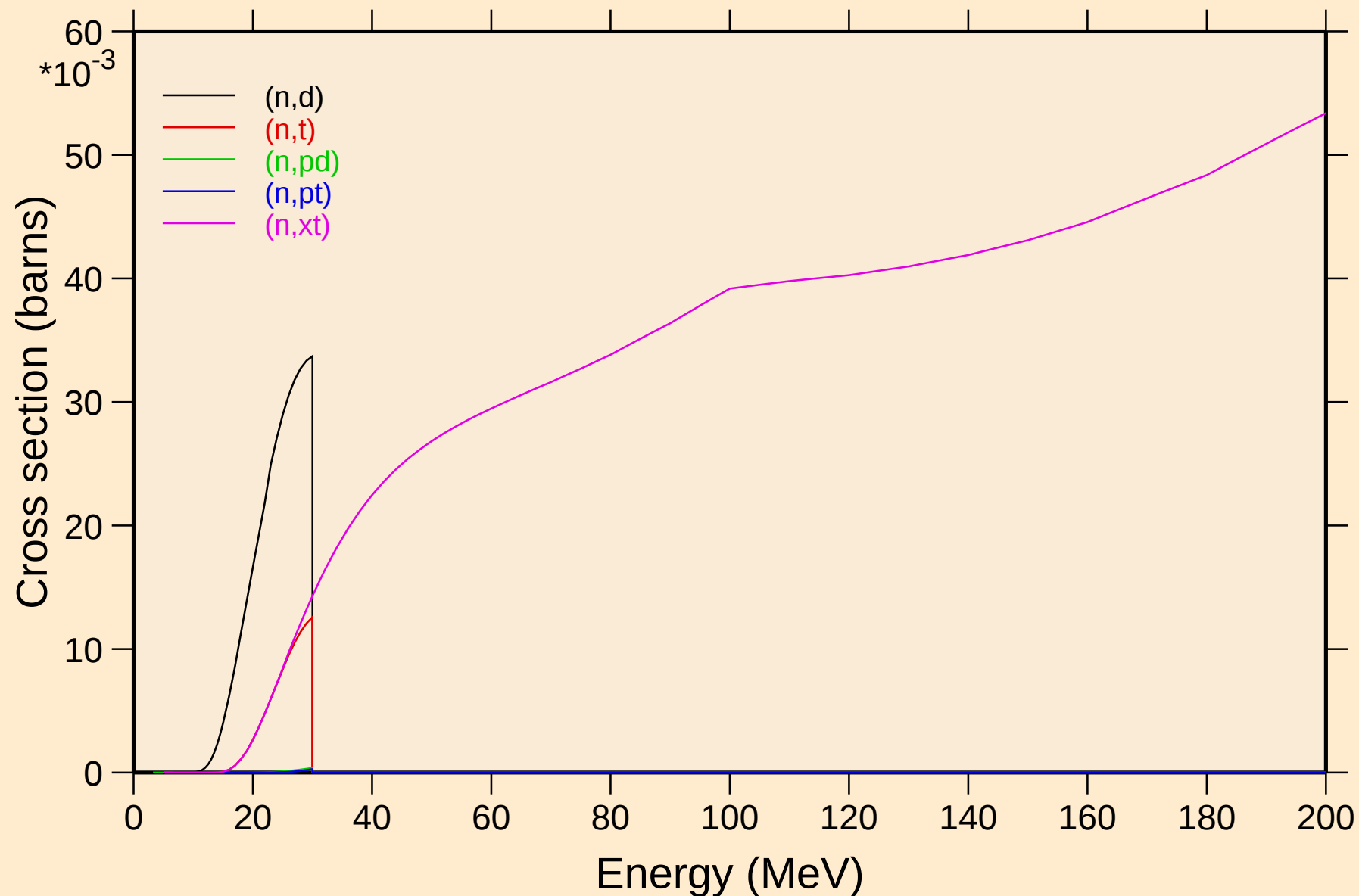


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions

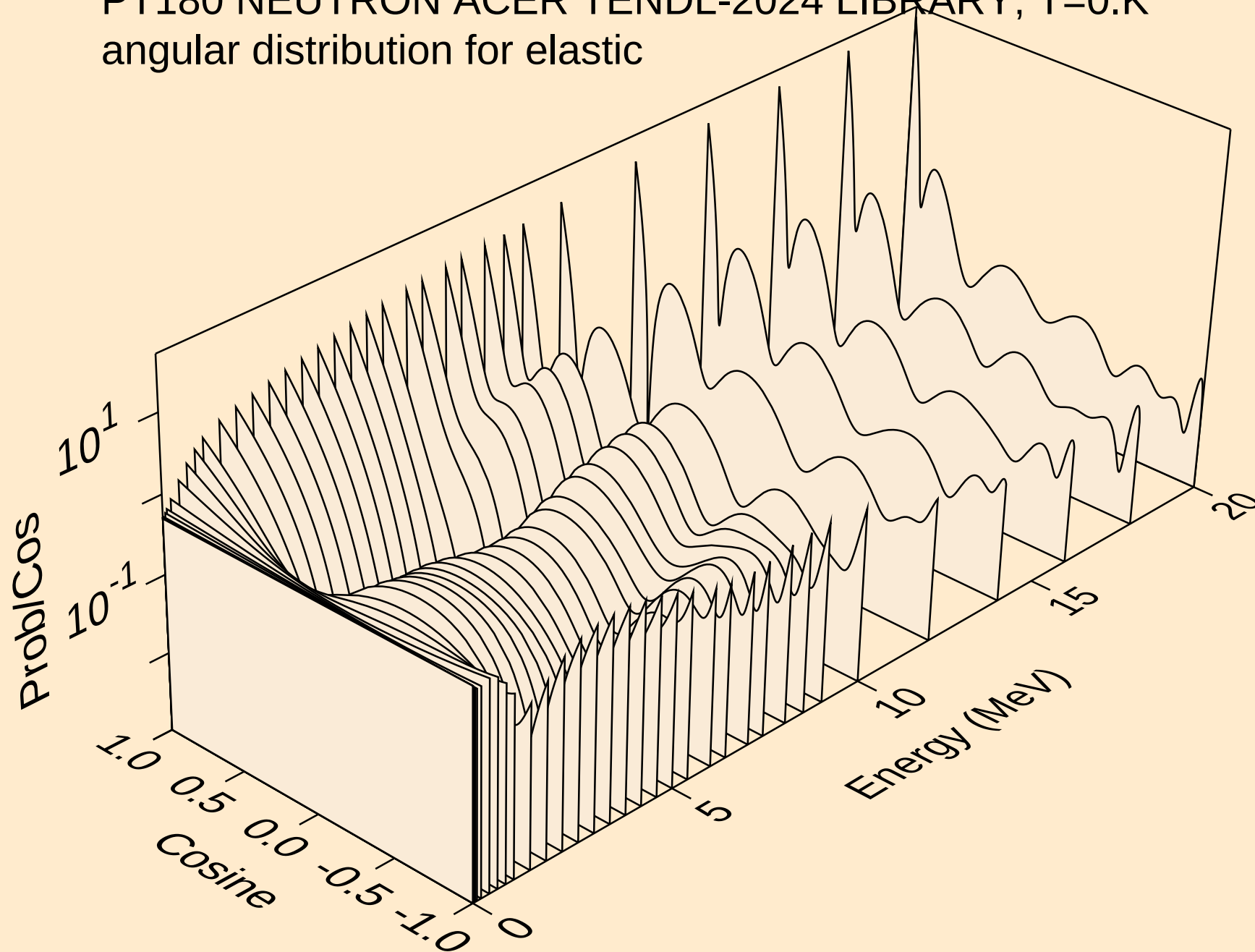


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

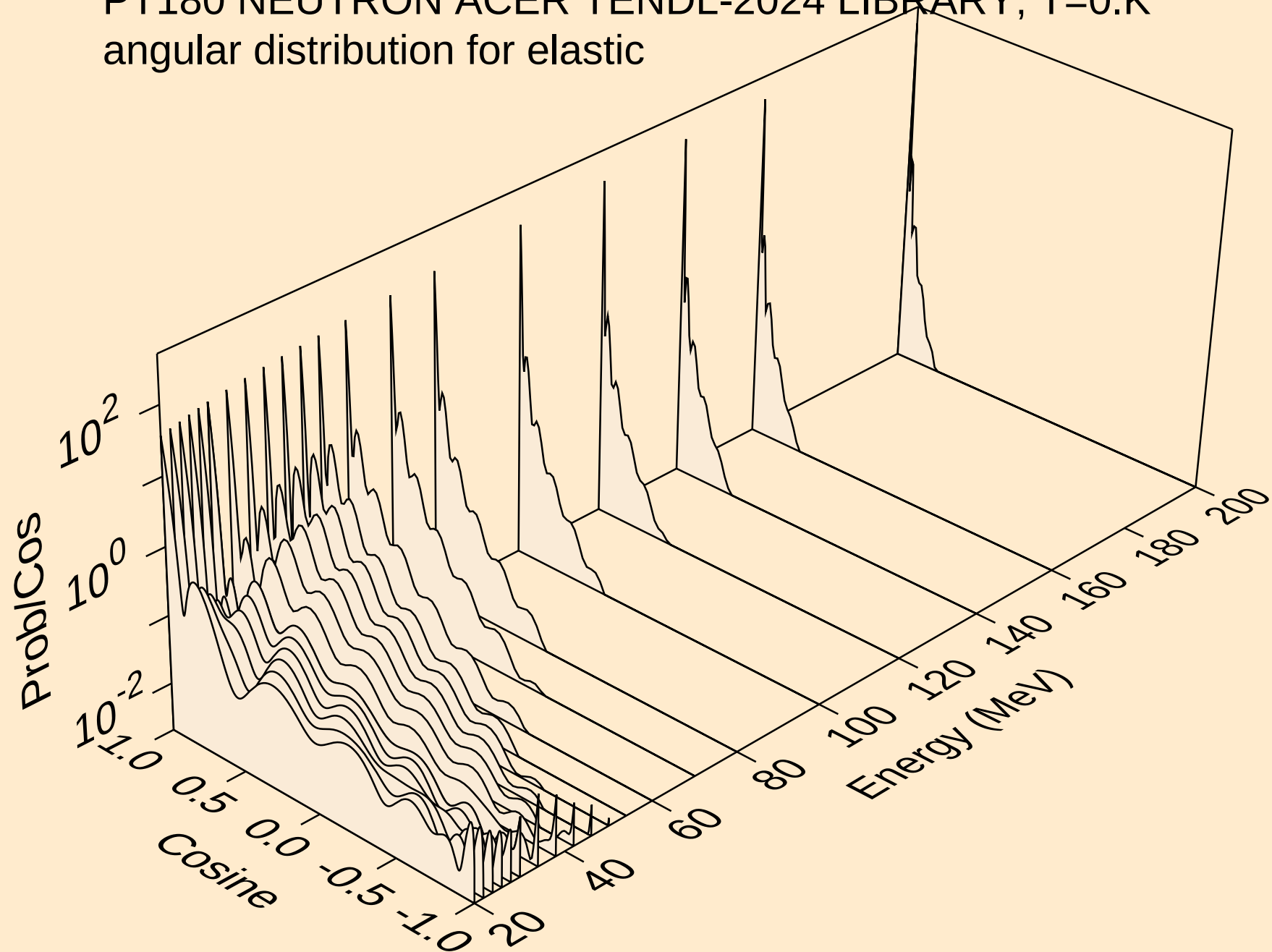
Threshold reactions



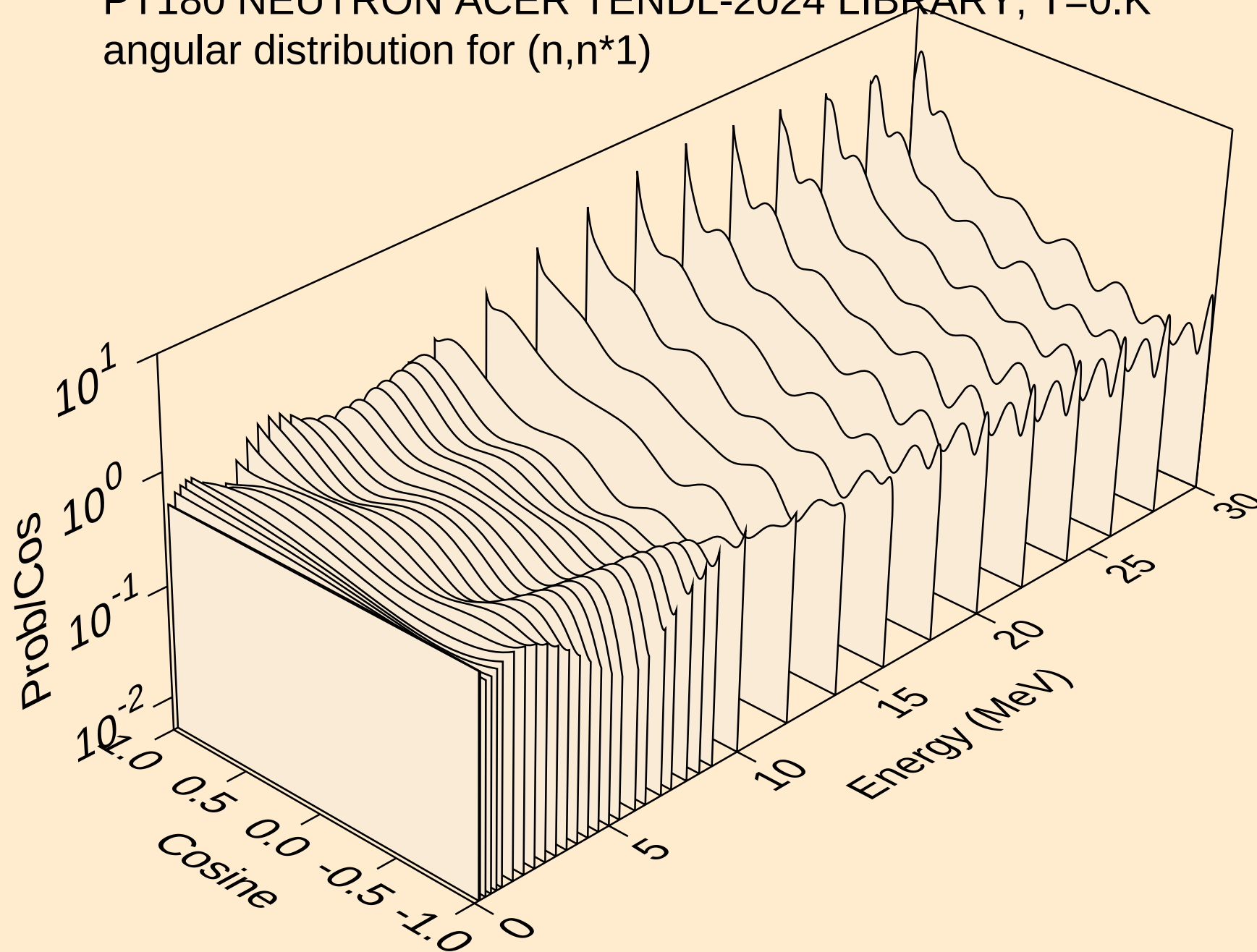
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



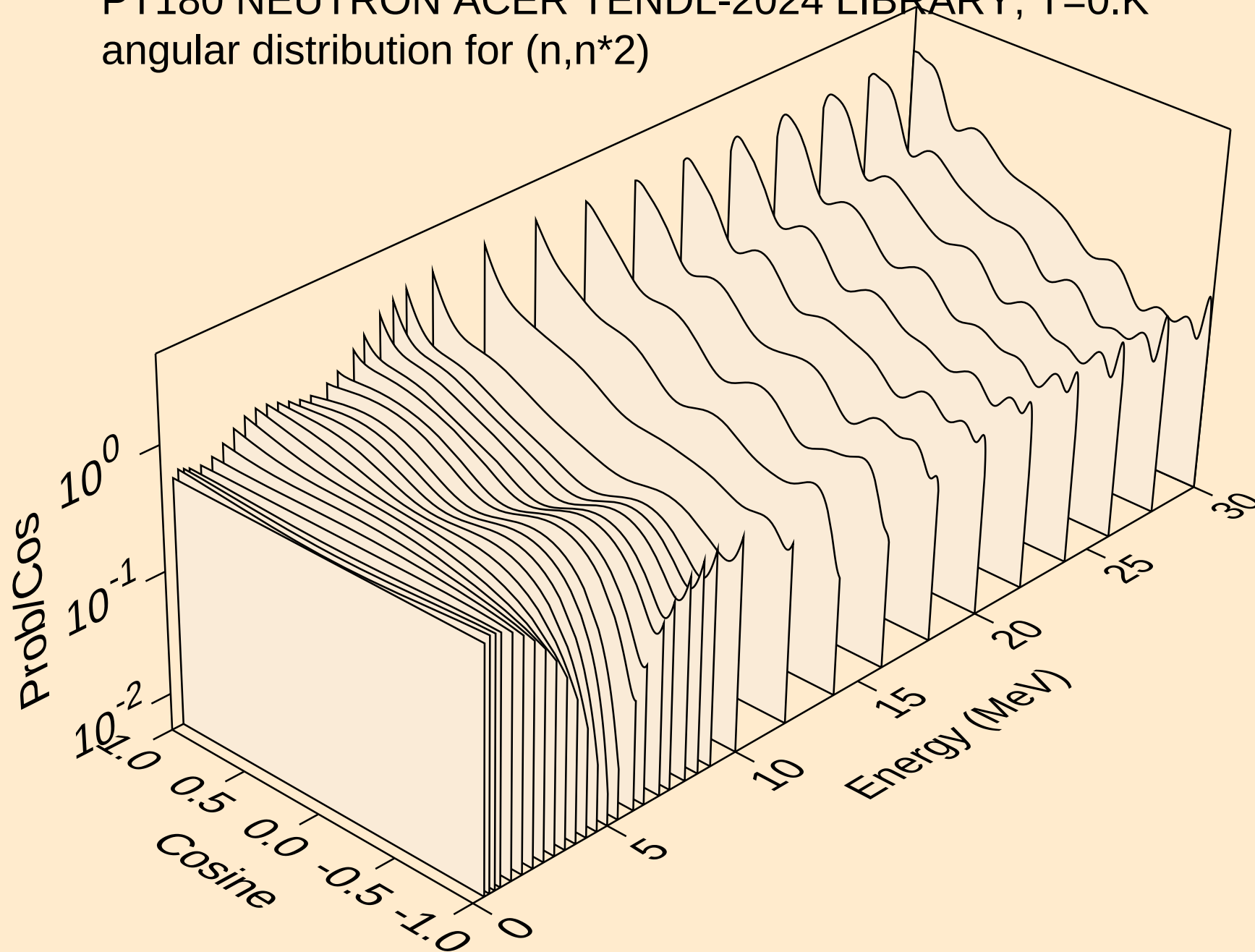
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



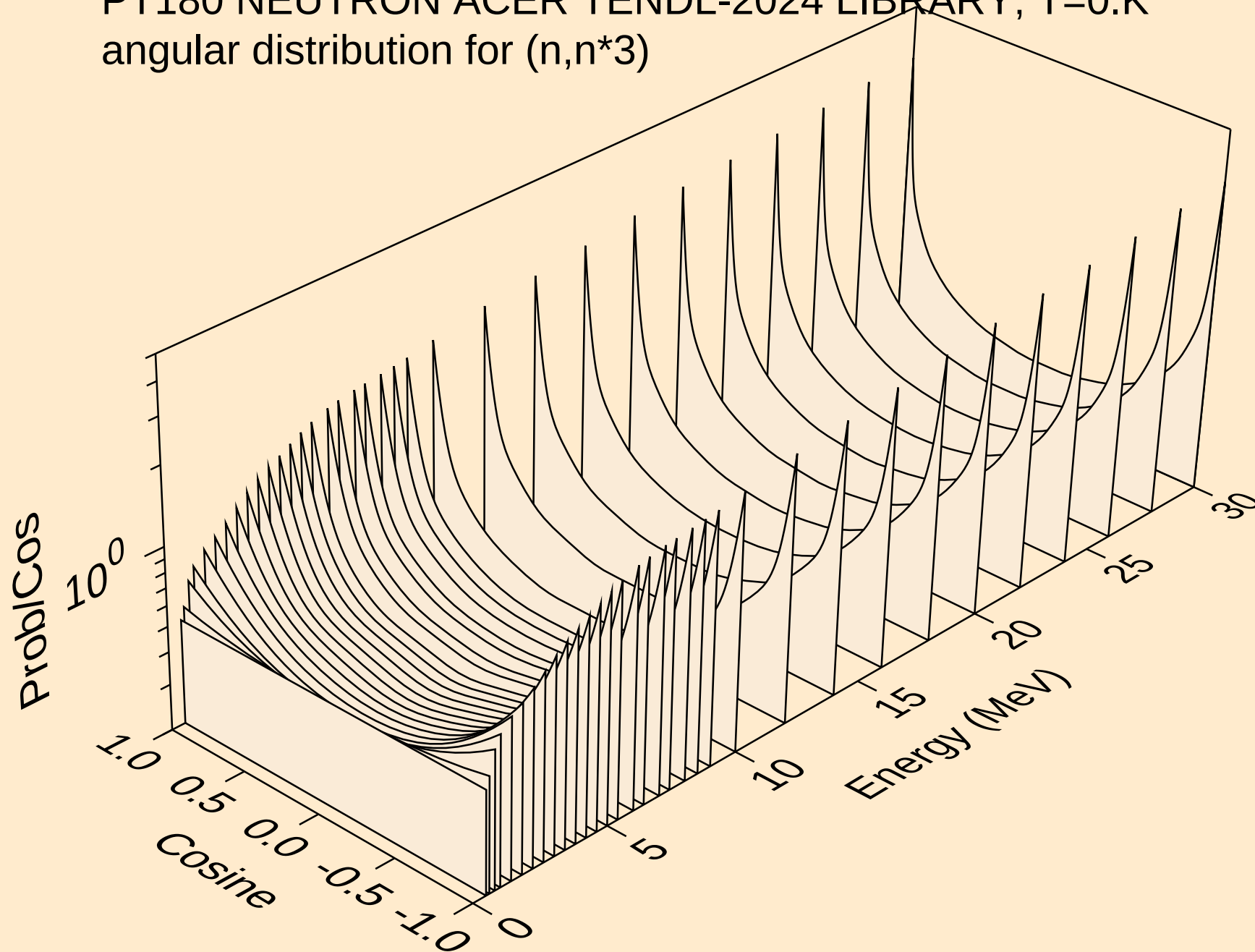
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



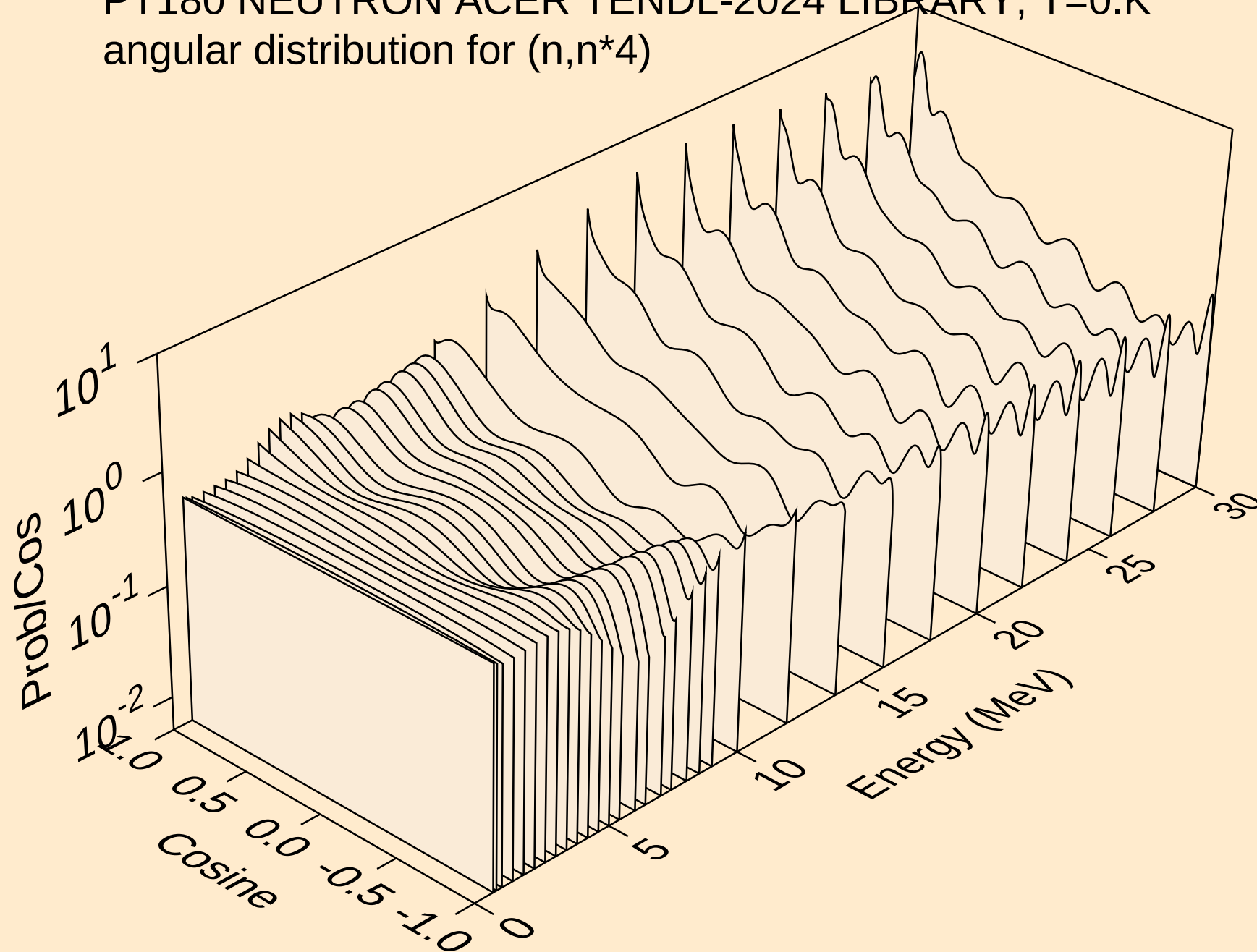
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



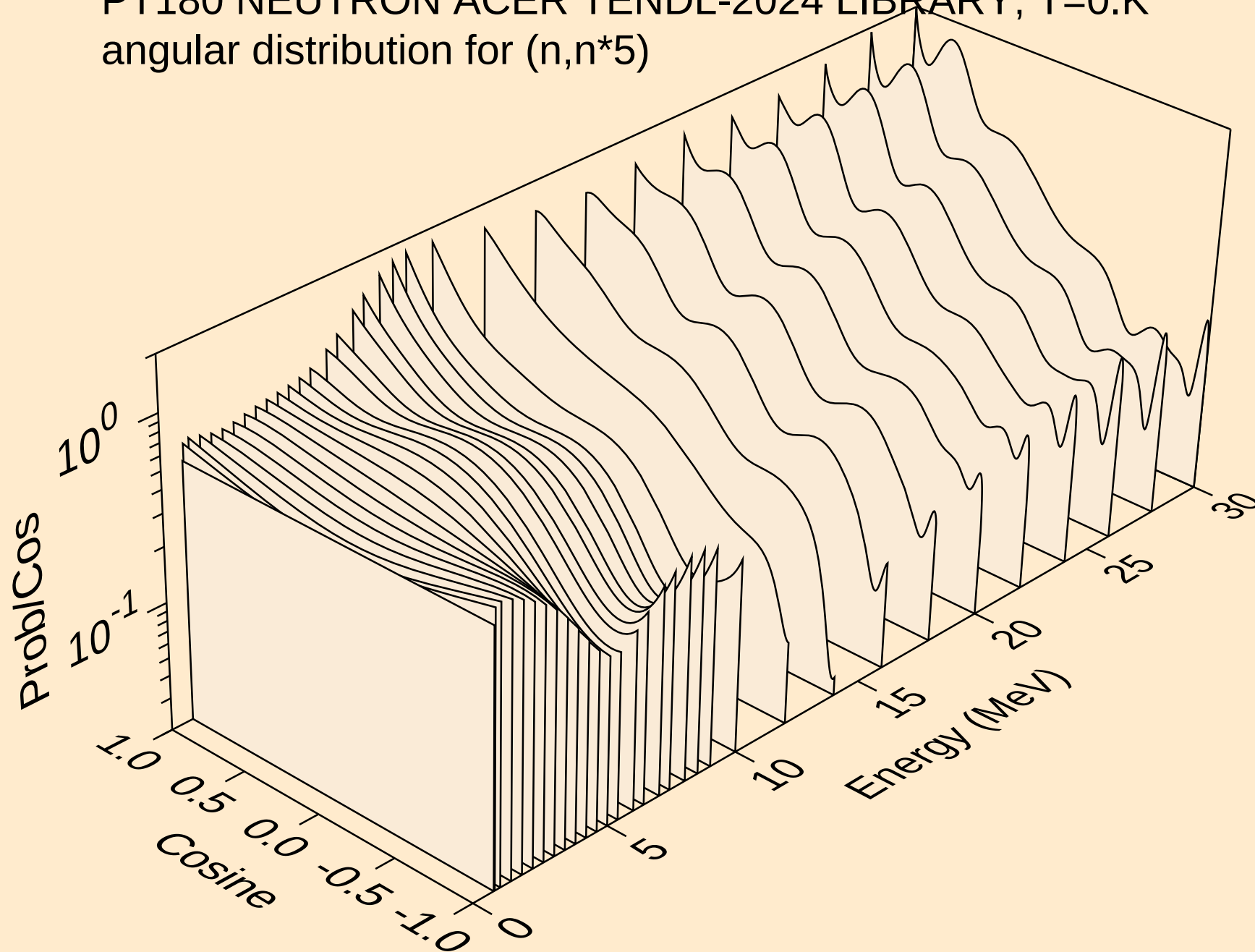
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



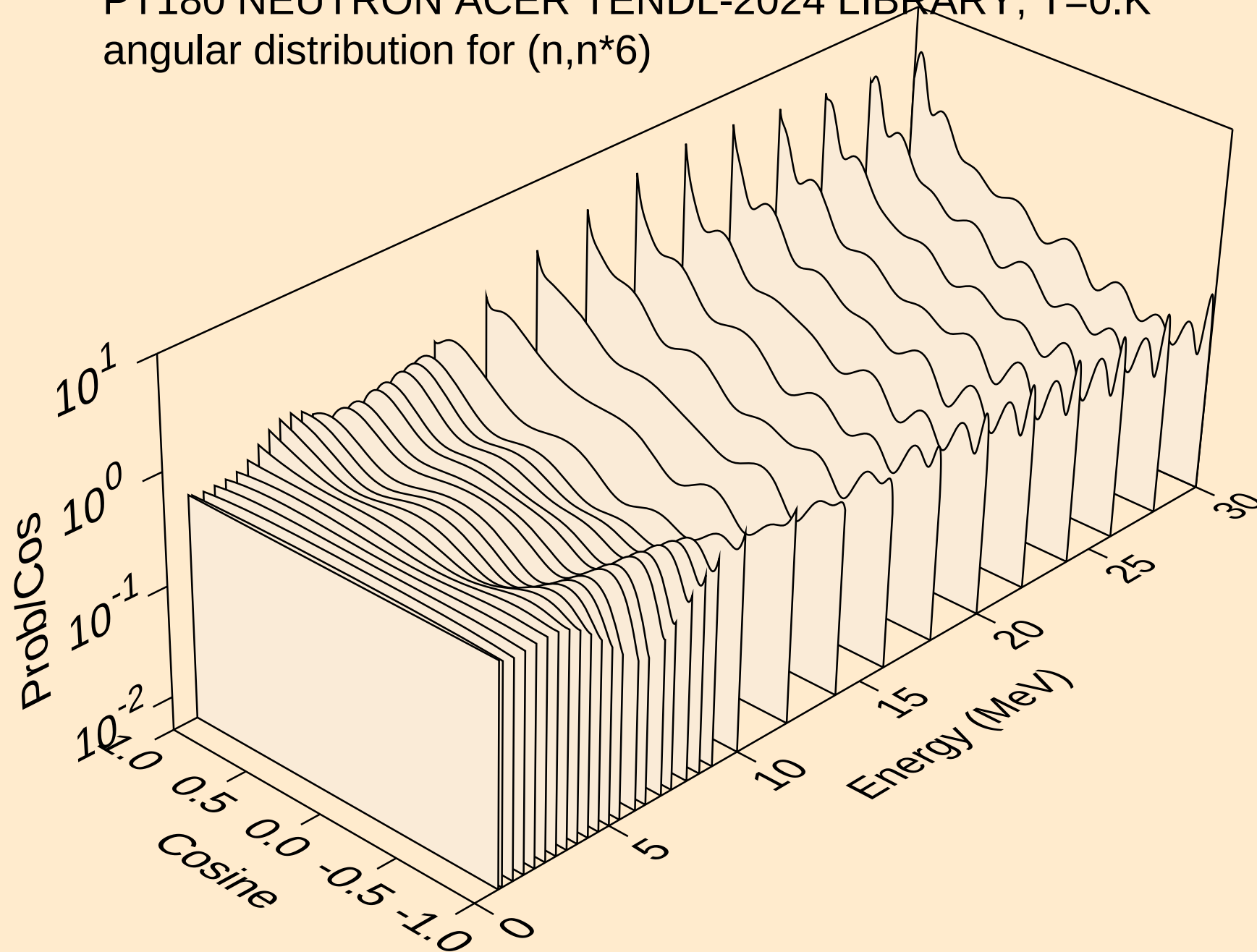
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



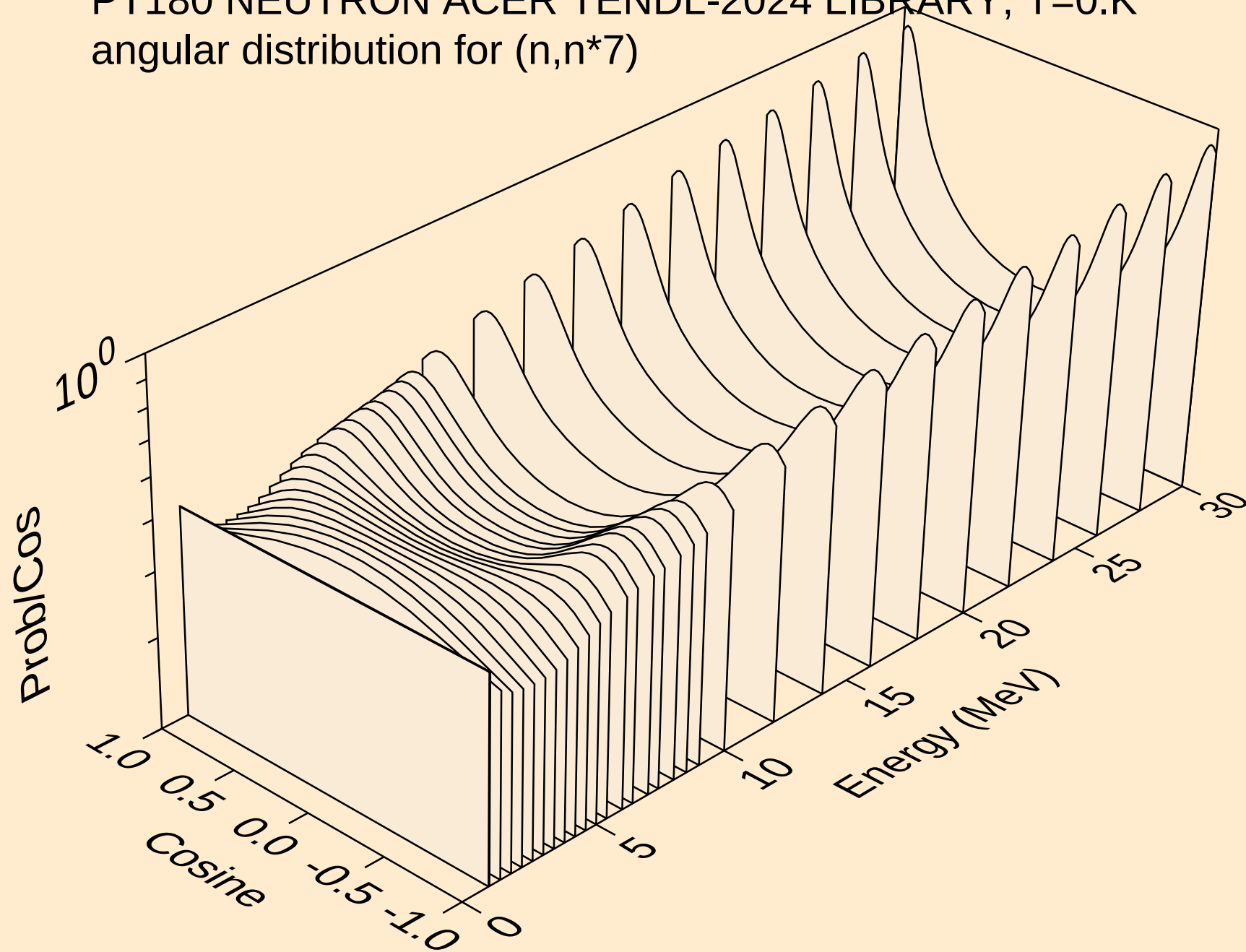
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



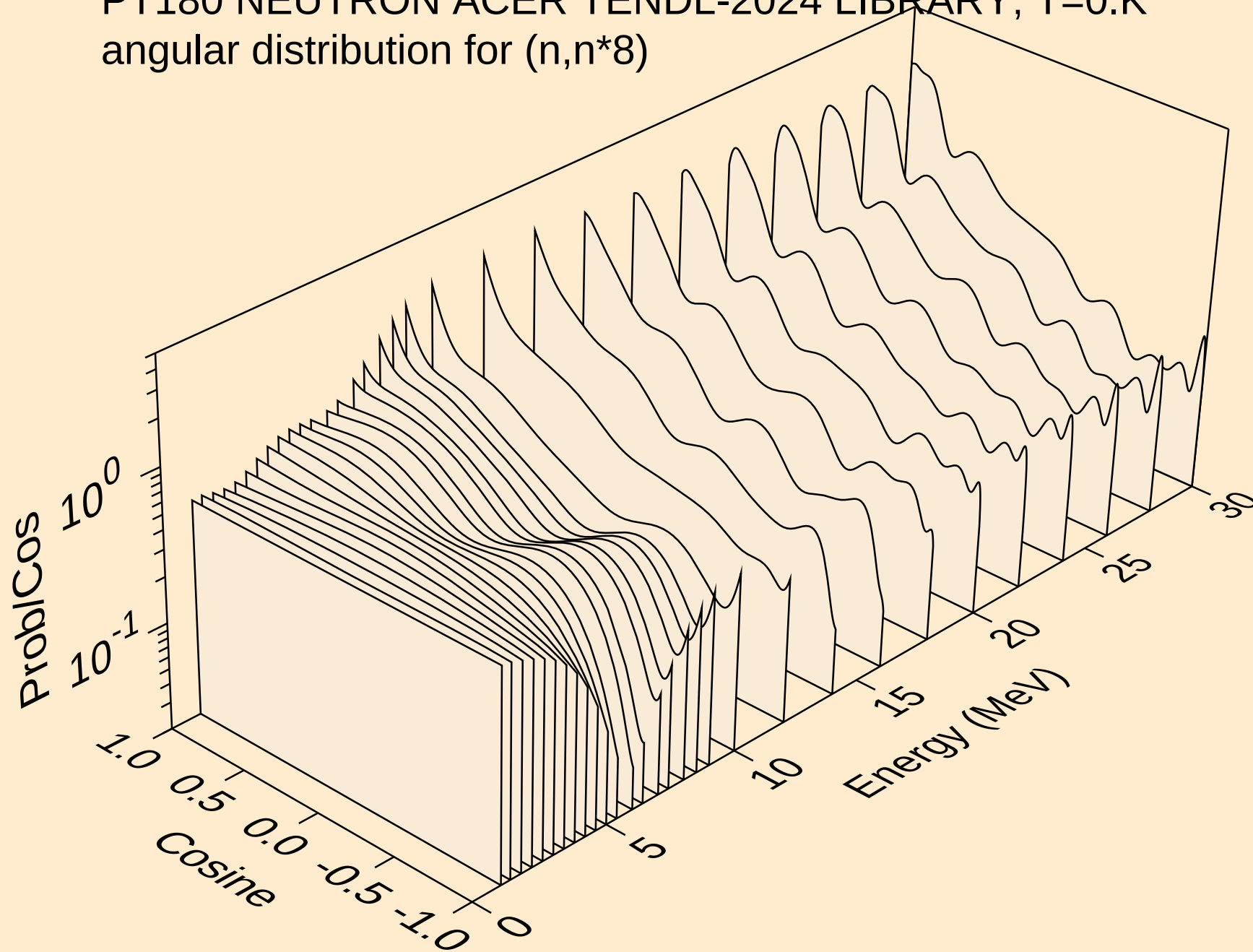
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*6)



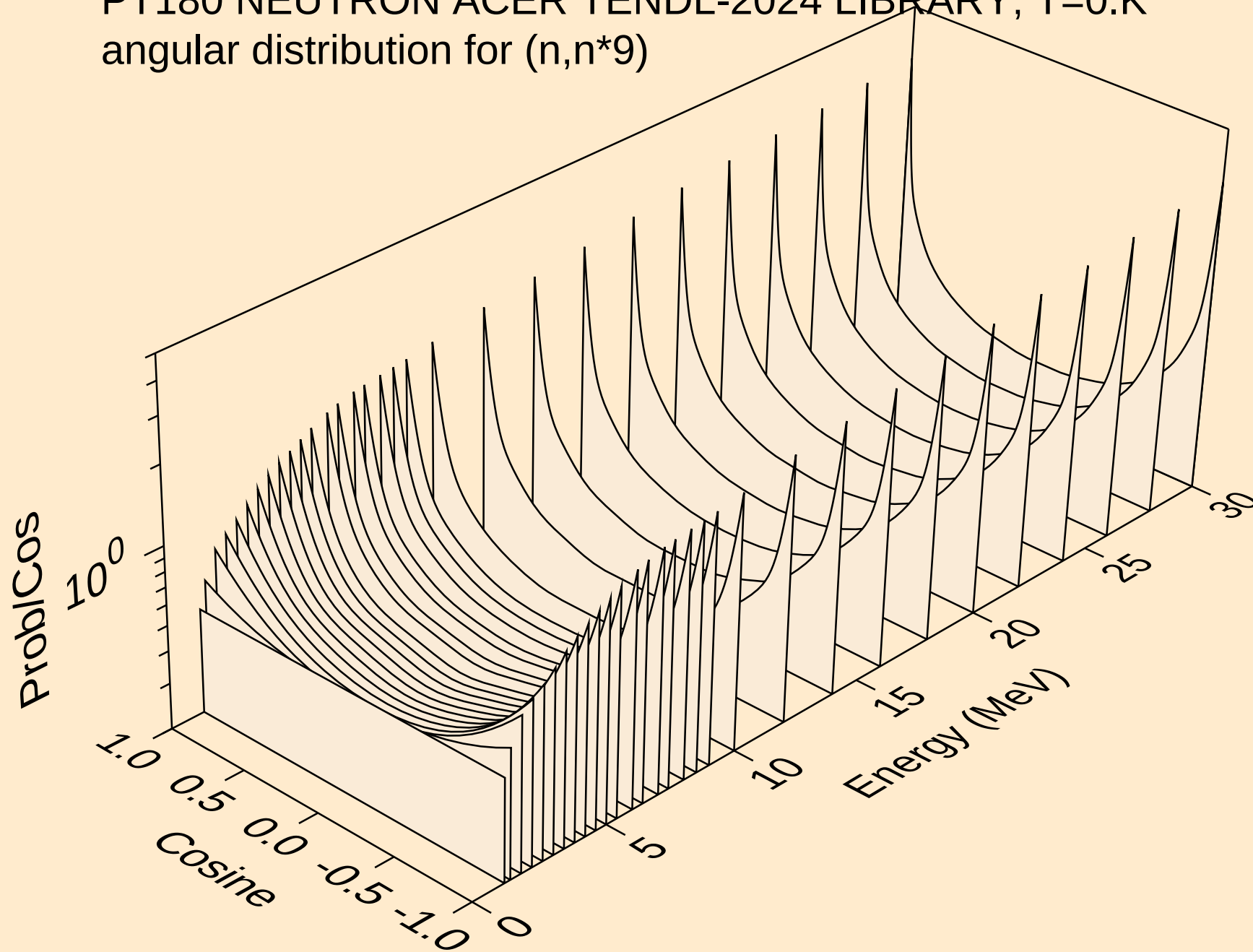
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*7)



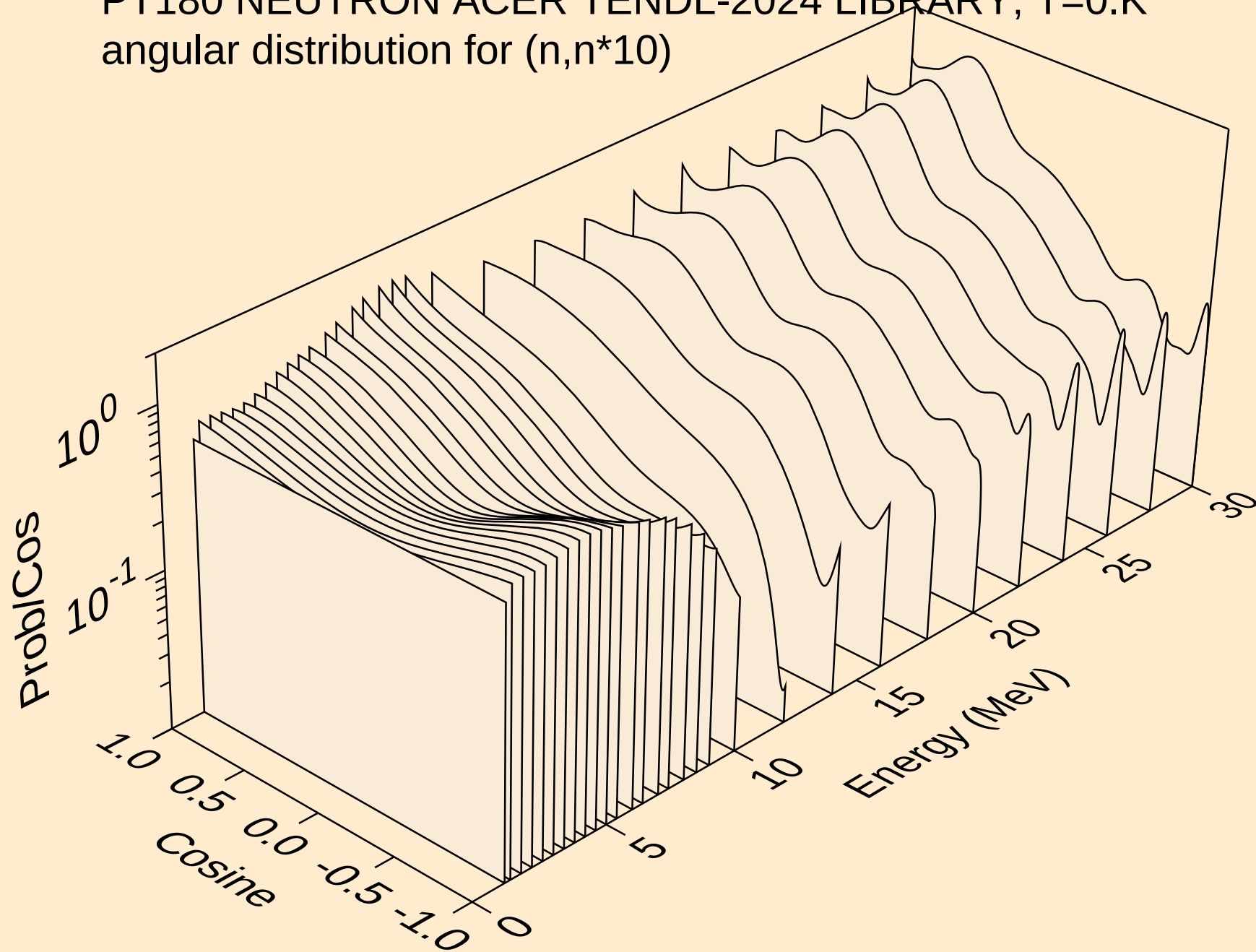
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*8)



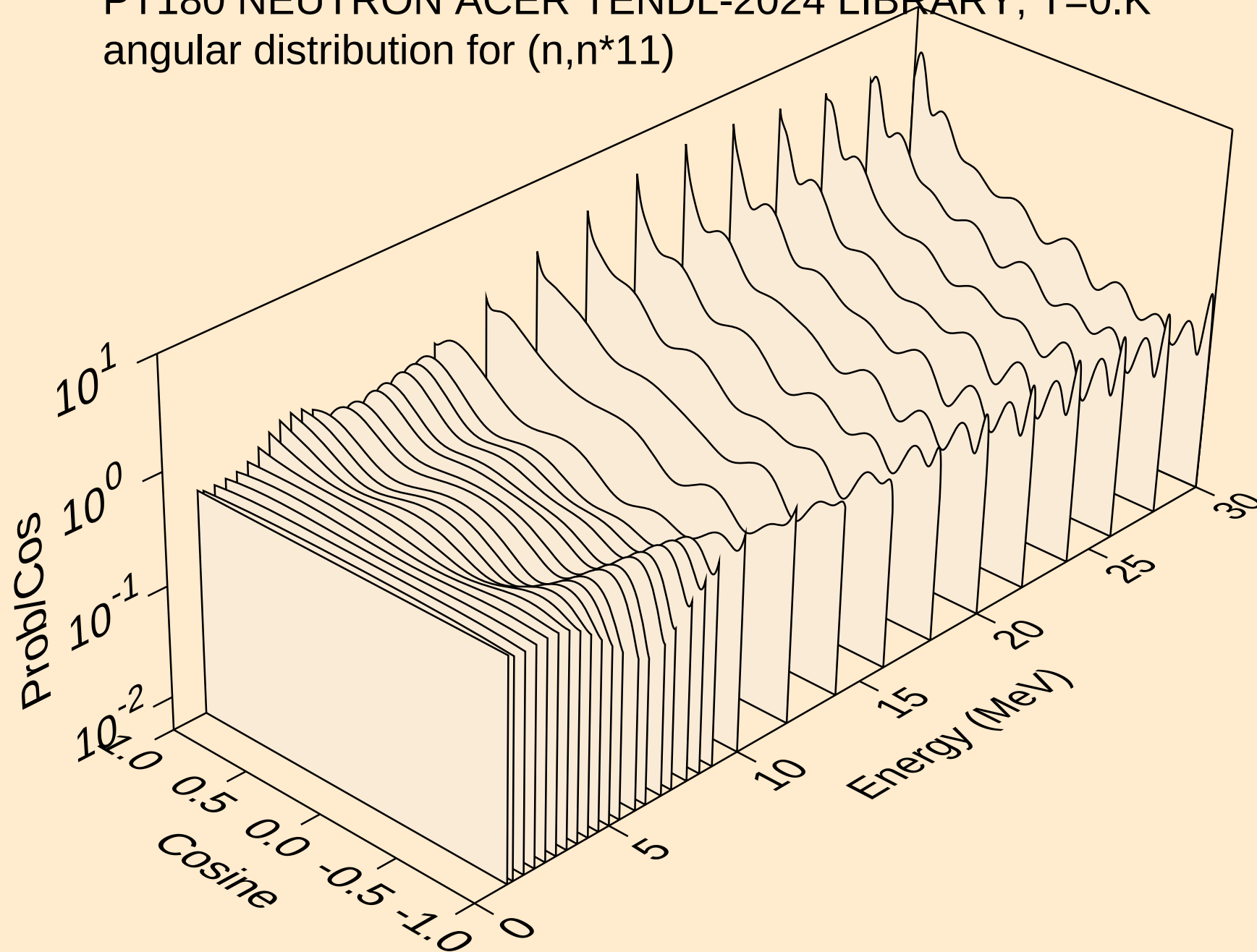
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*9)



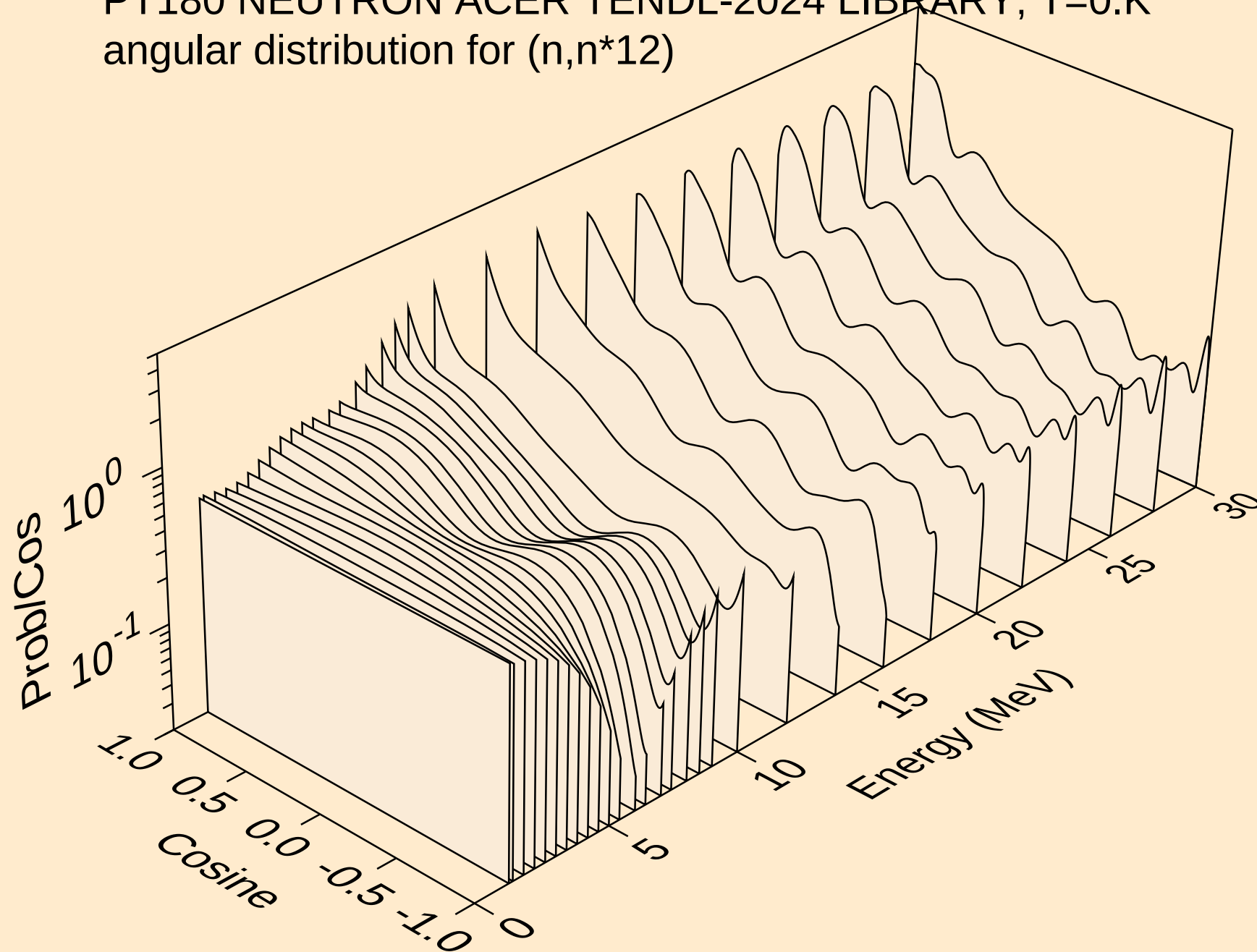
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*10)



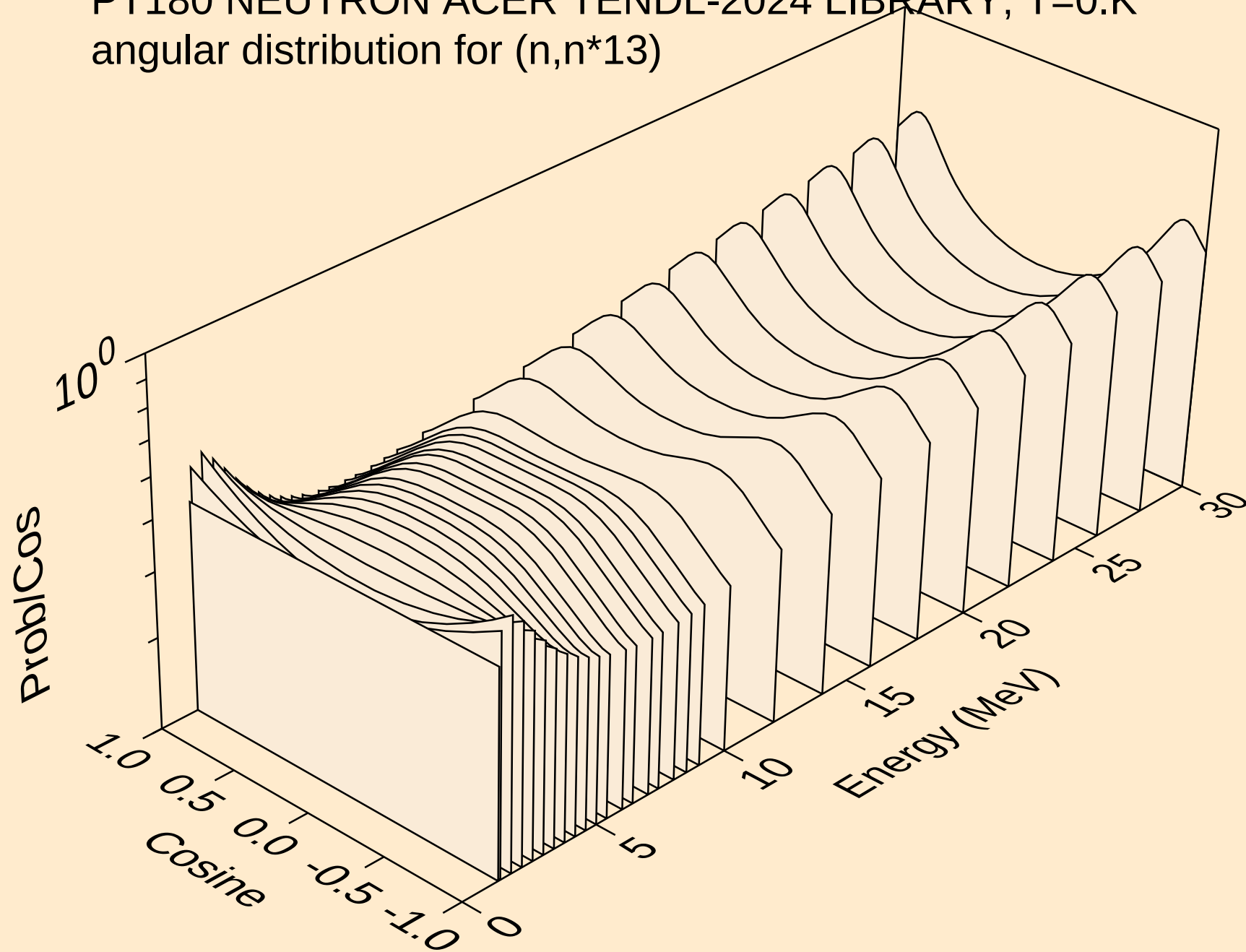
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*11)



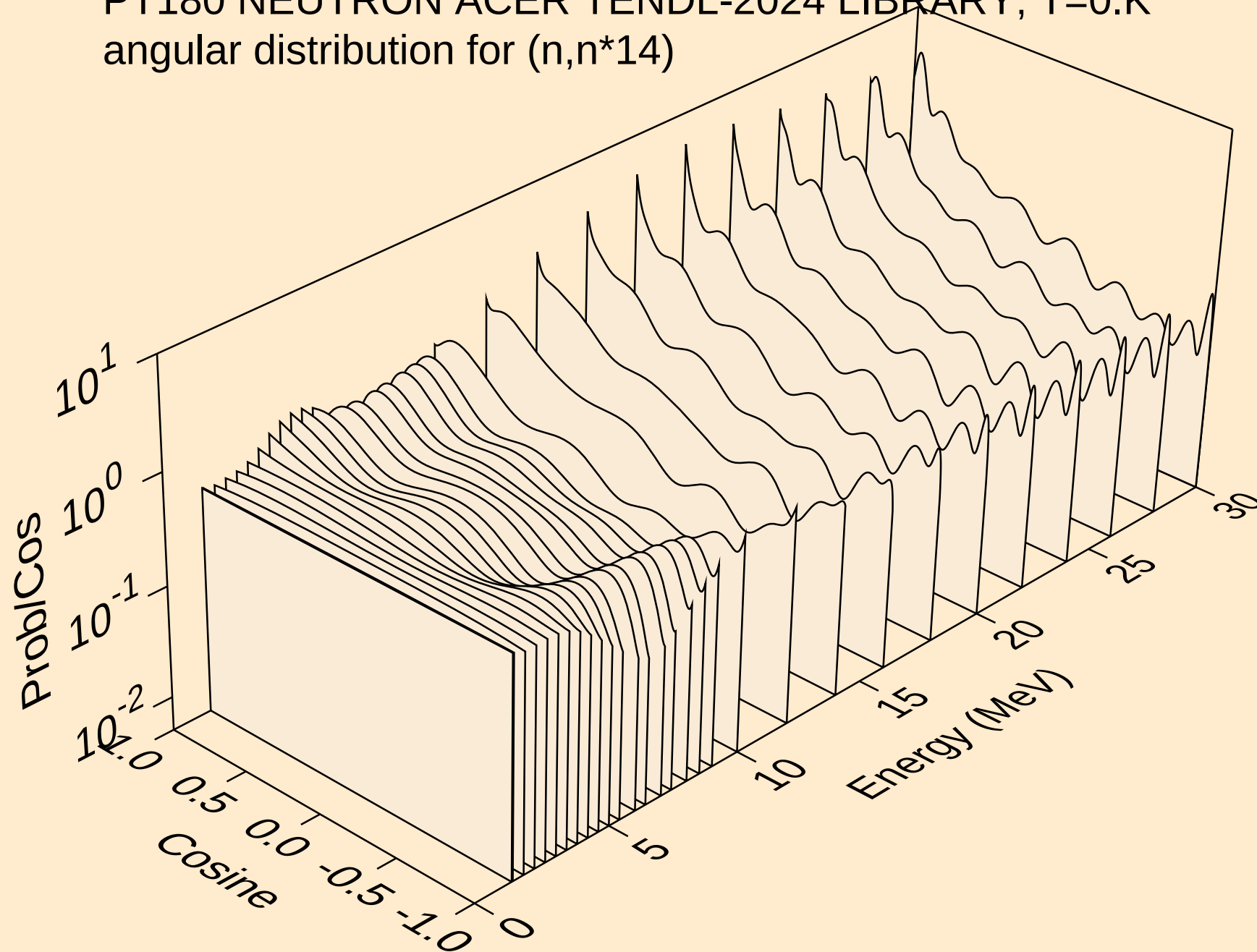
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*12)



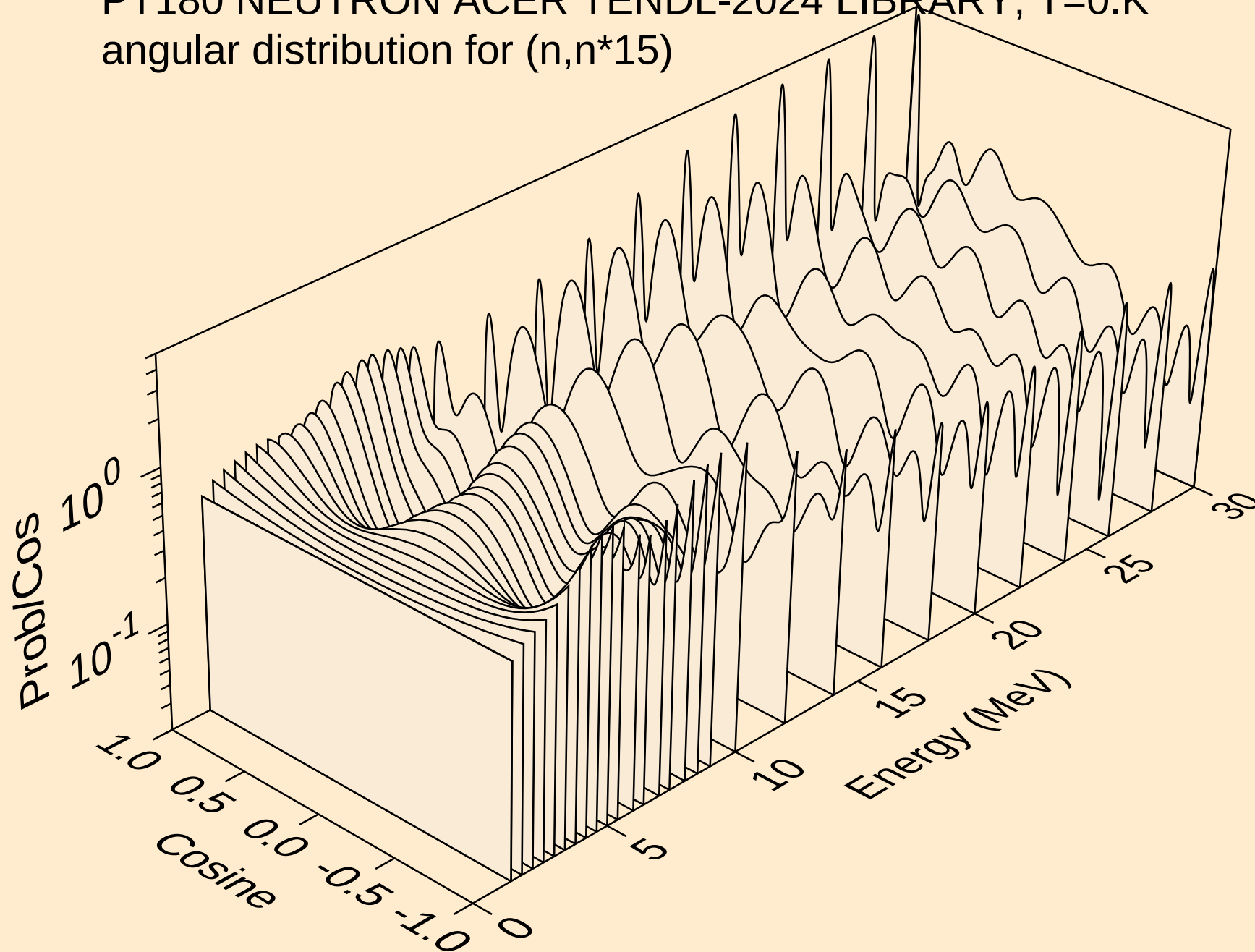
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*13)



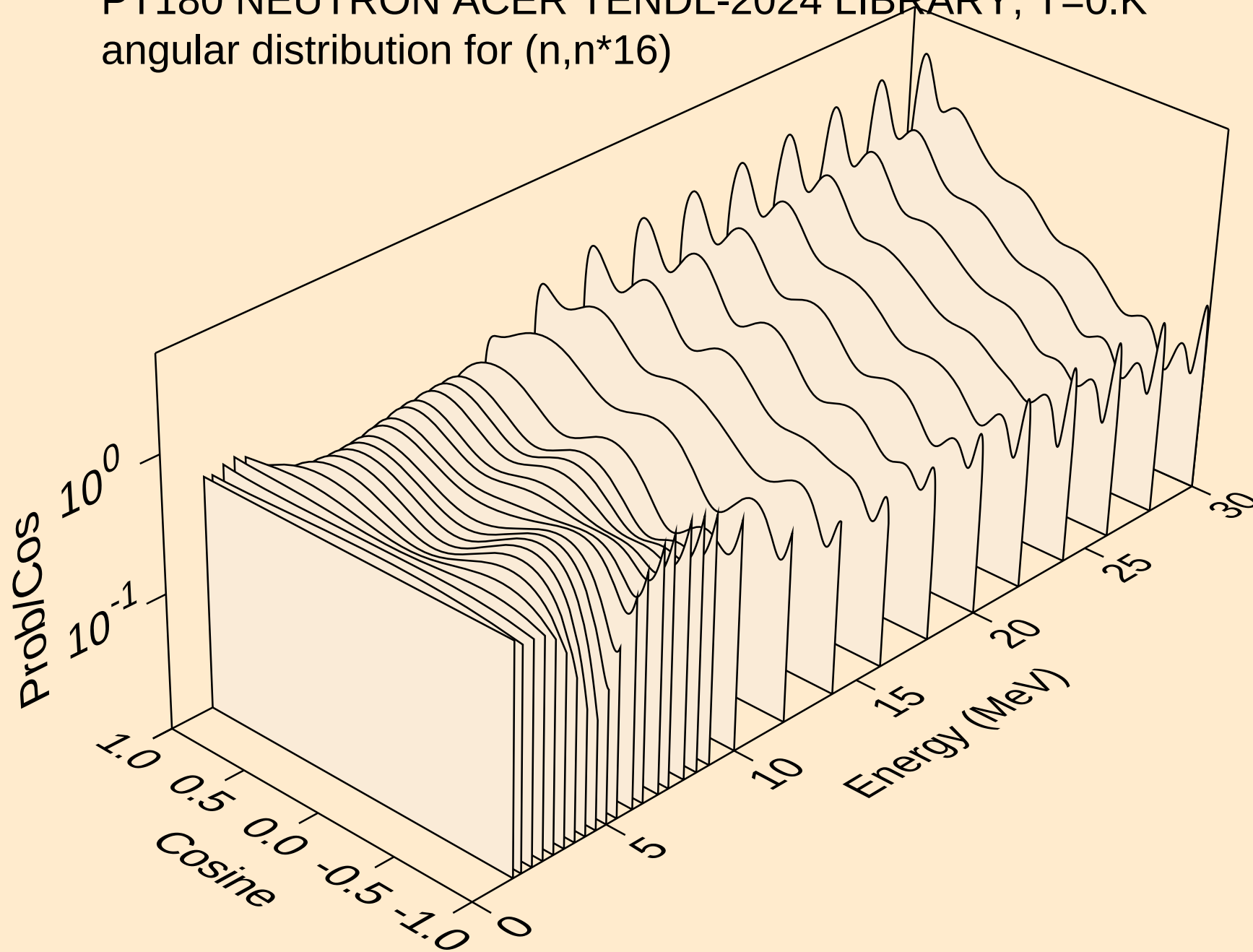
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*14)



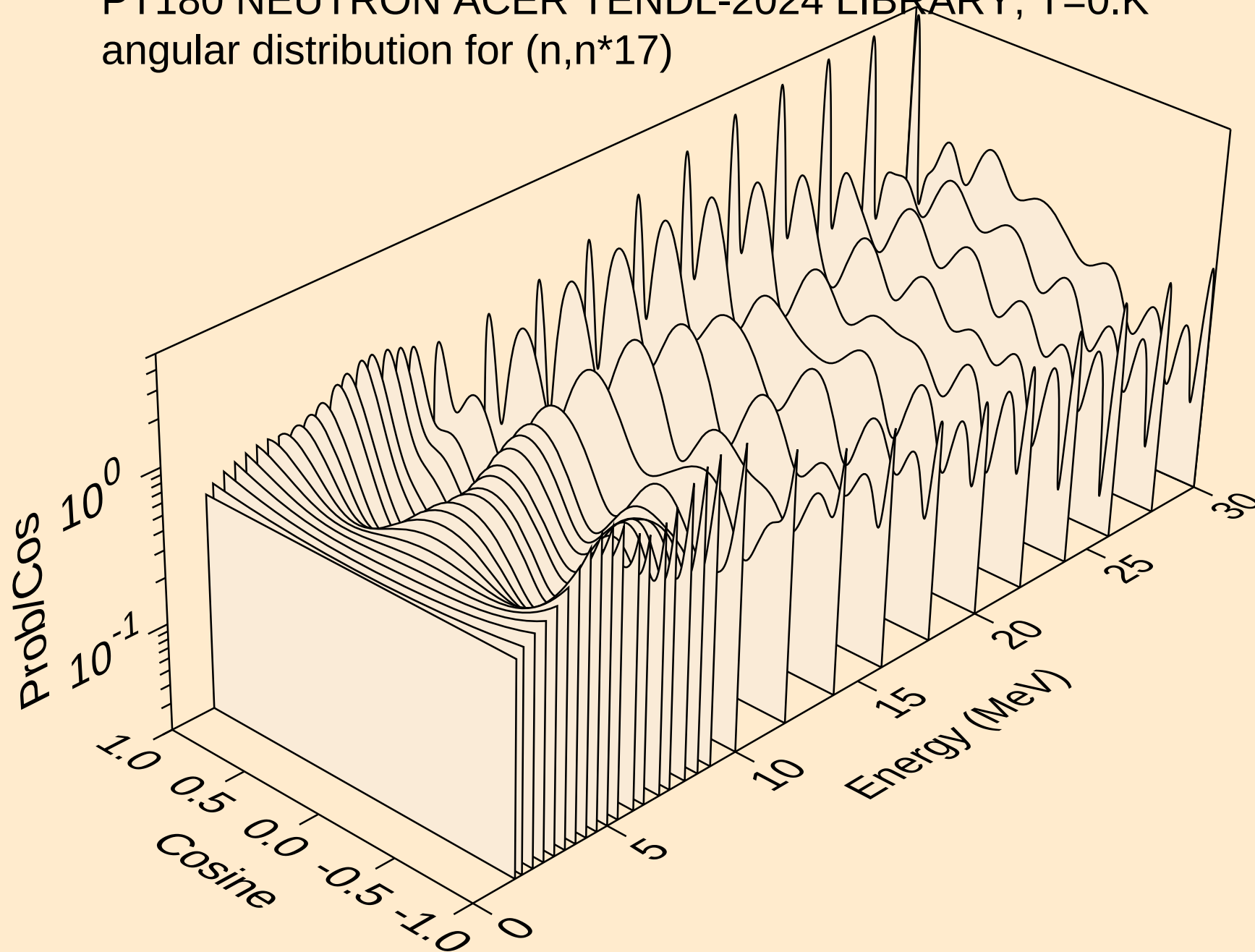
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*15)



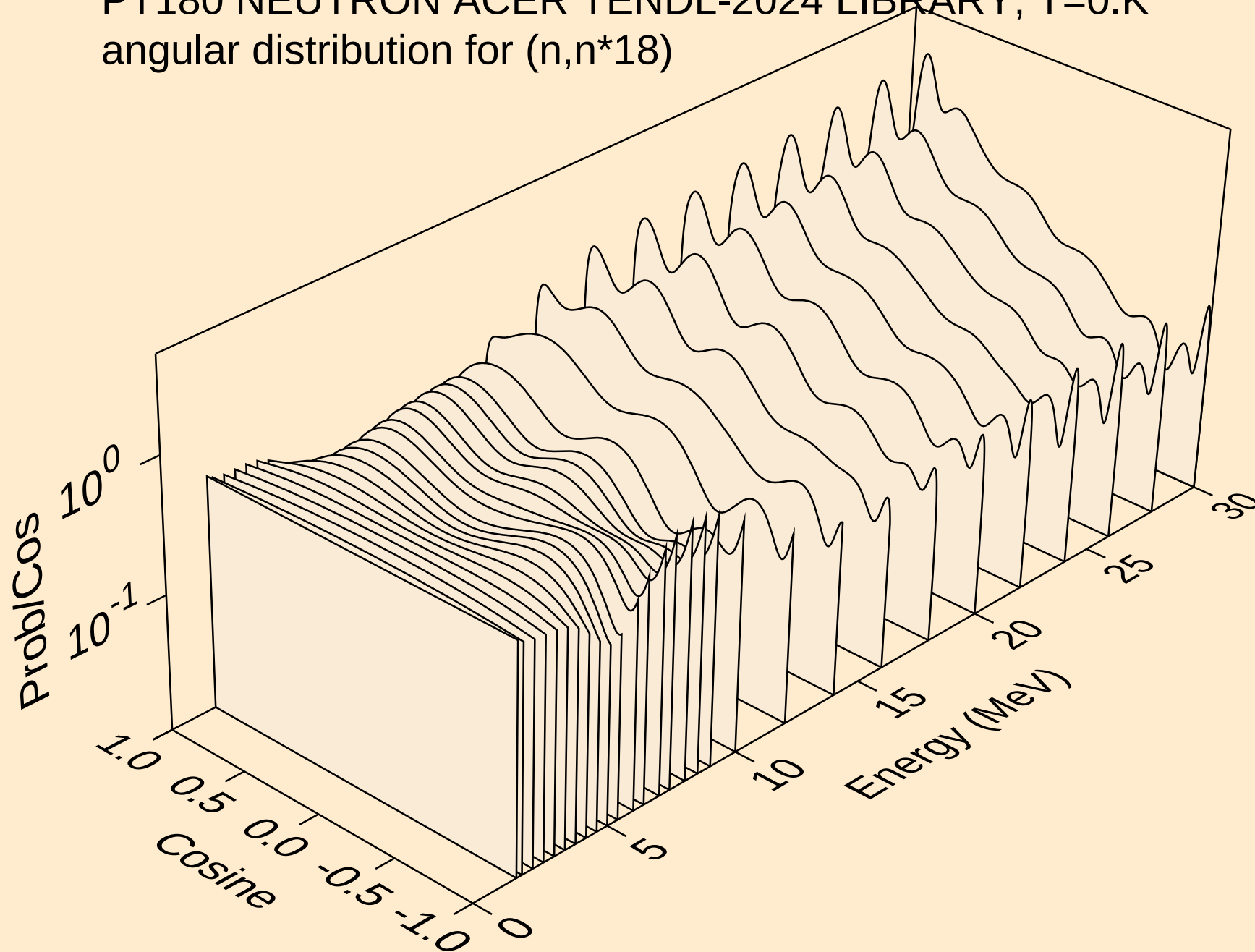
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*16)



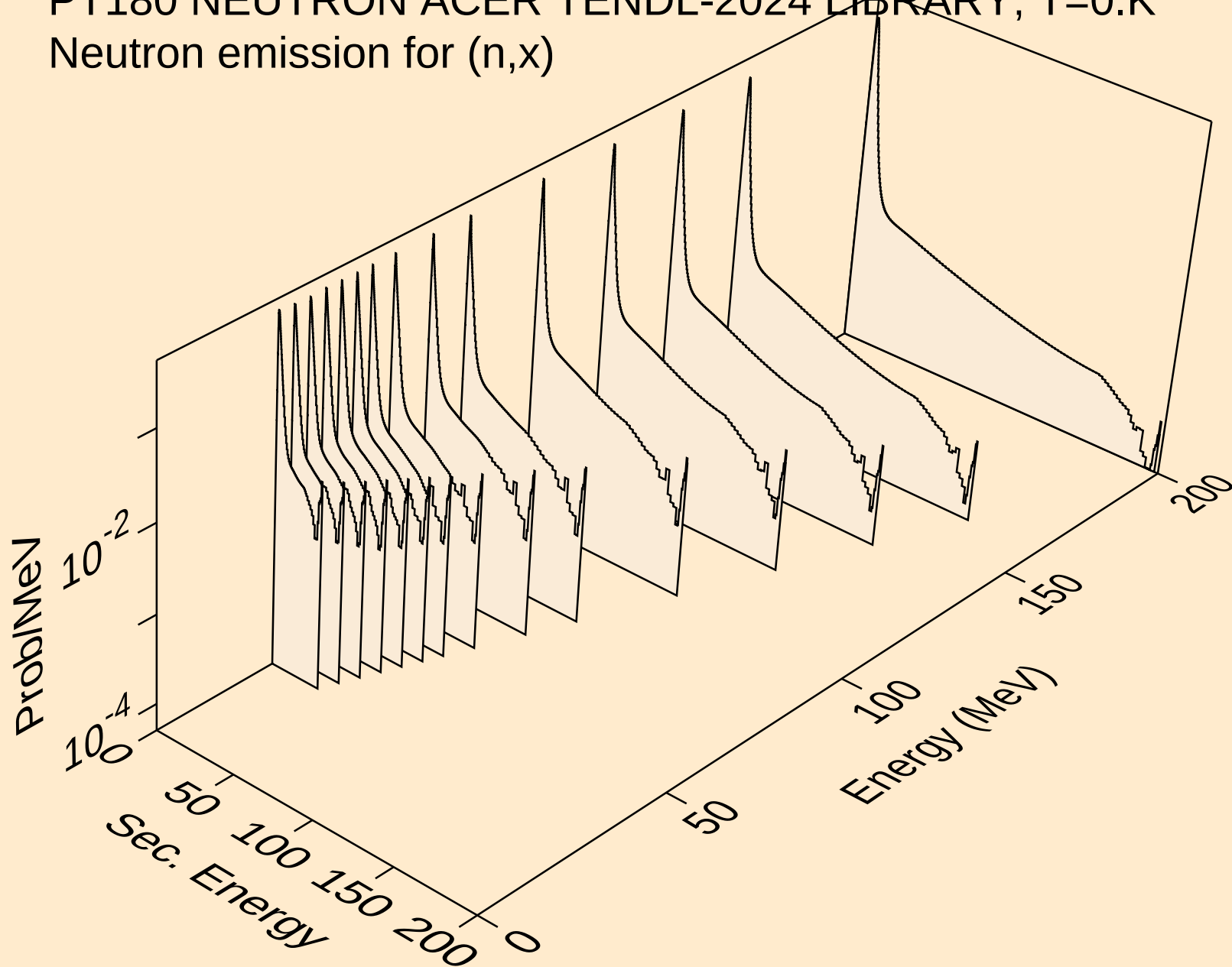
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*17)



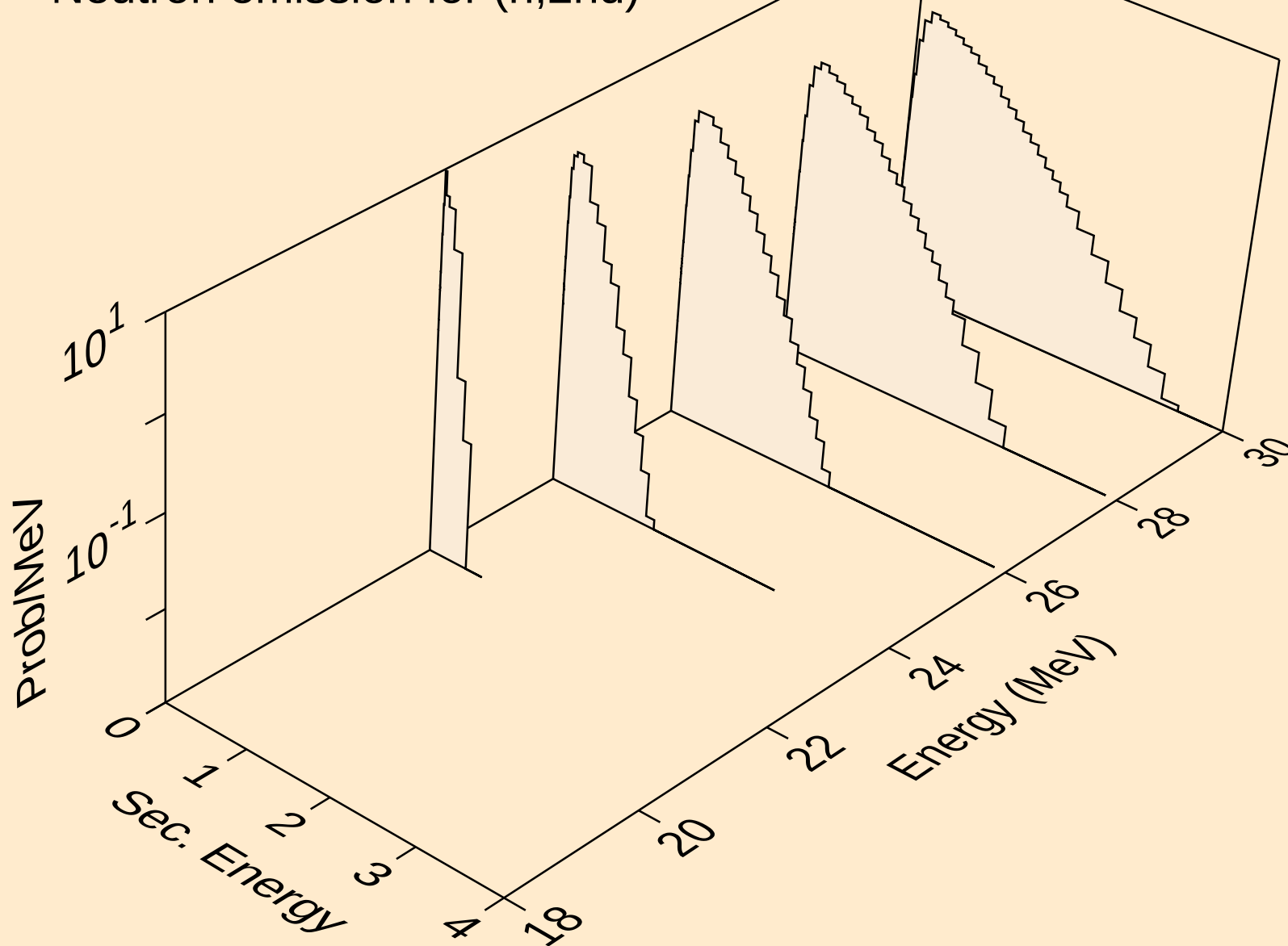
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*18)



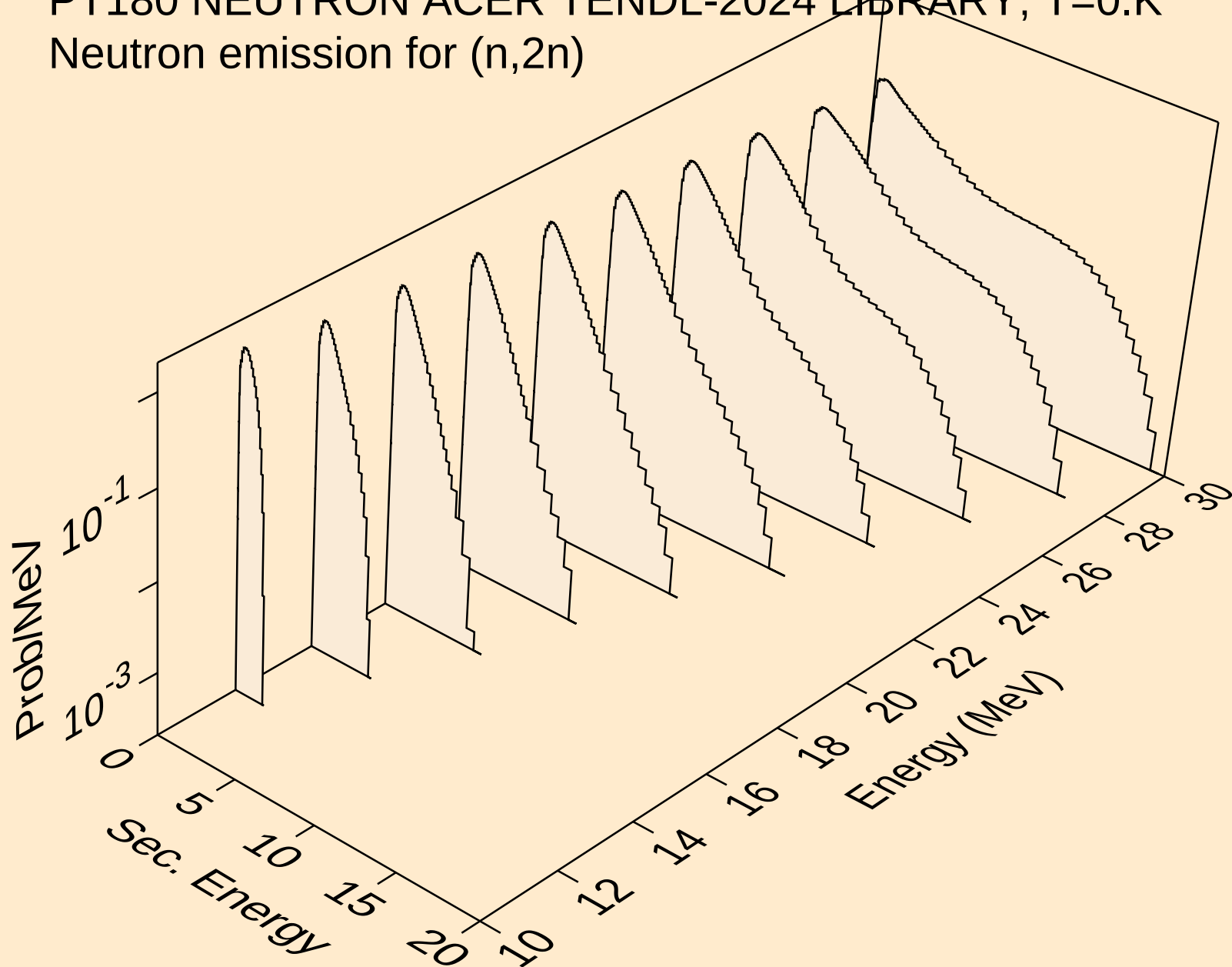
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



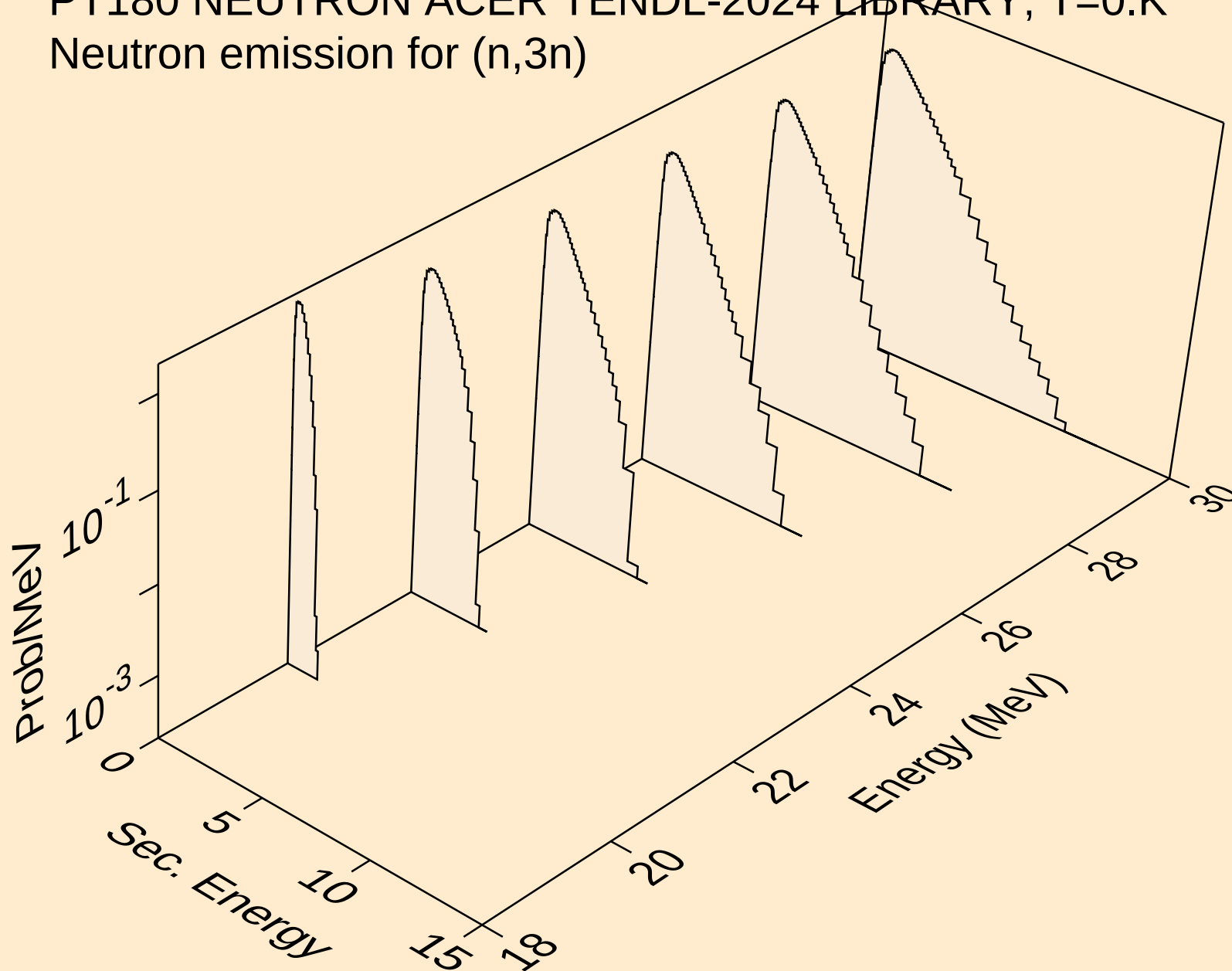
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



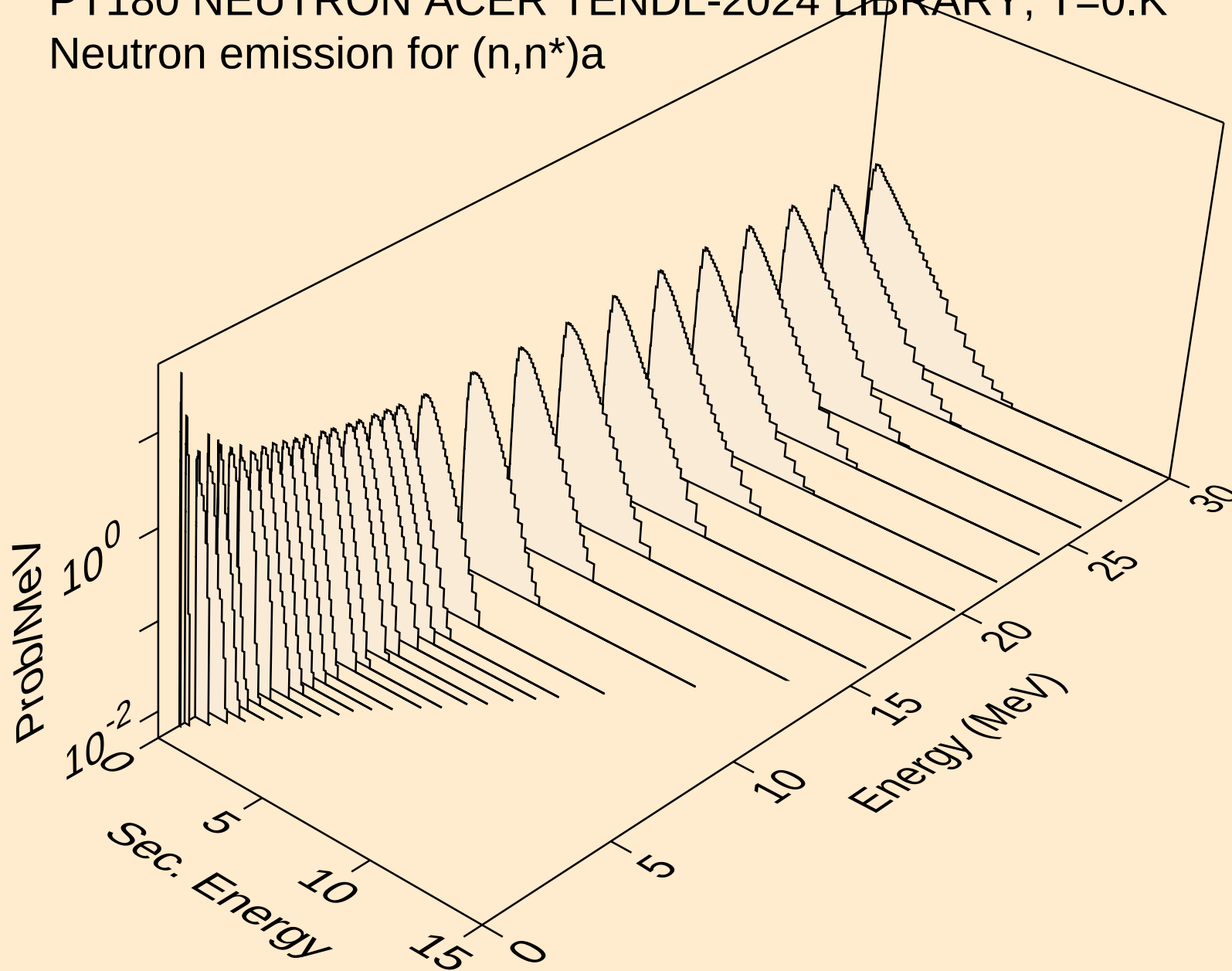
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



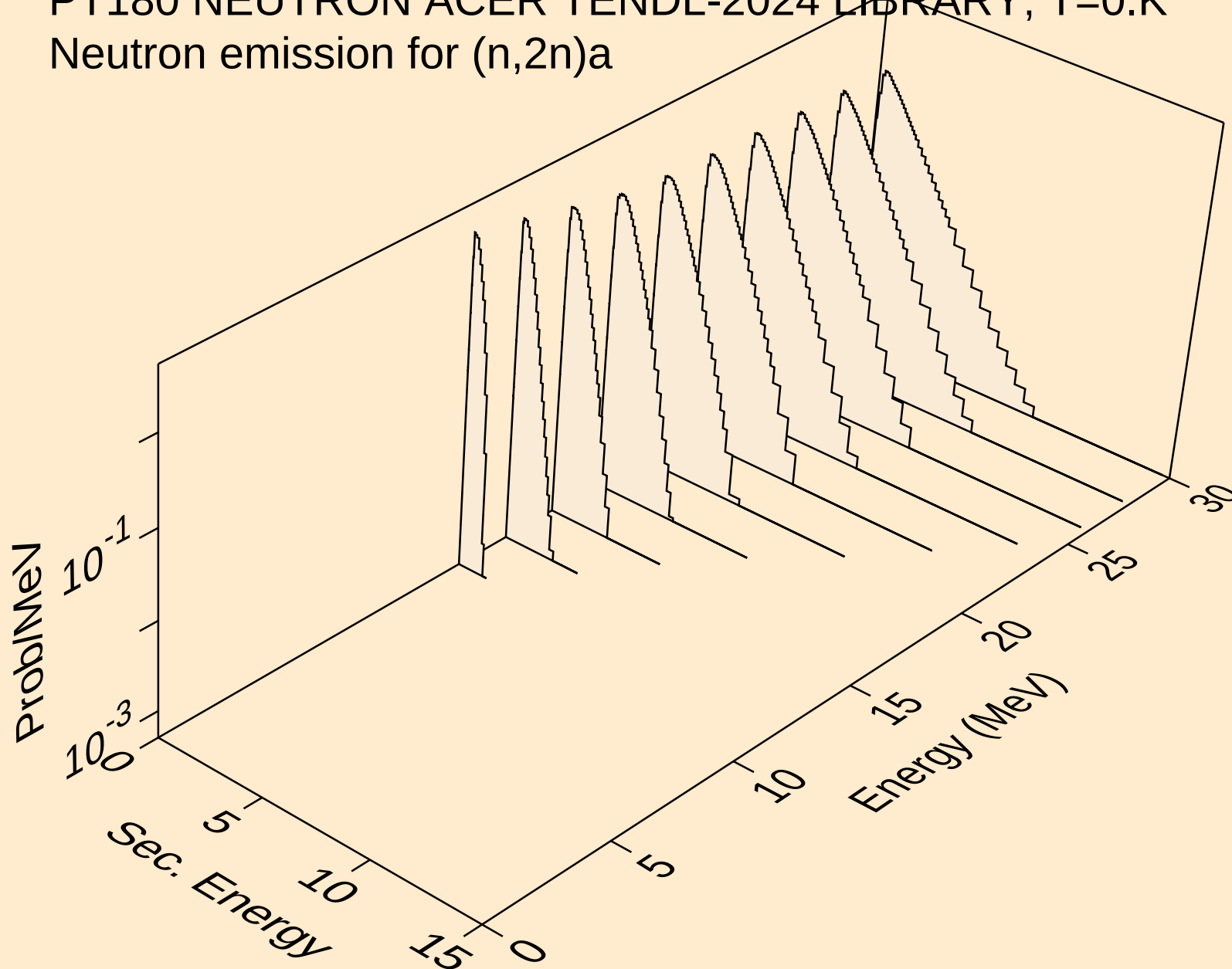
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



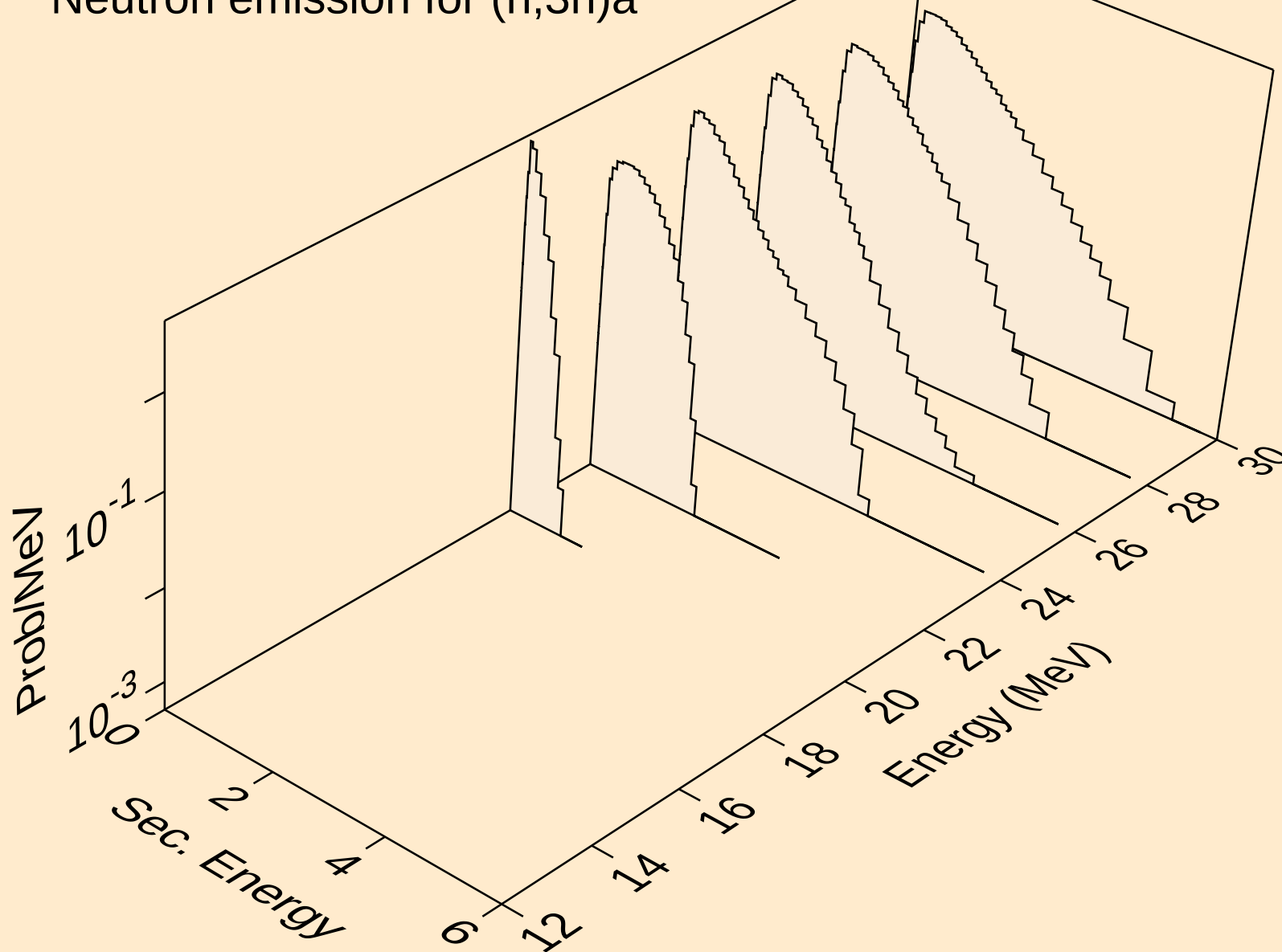
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



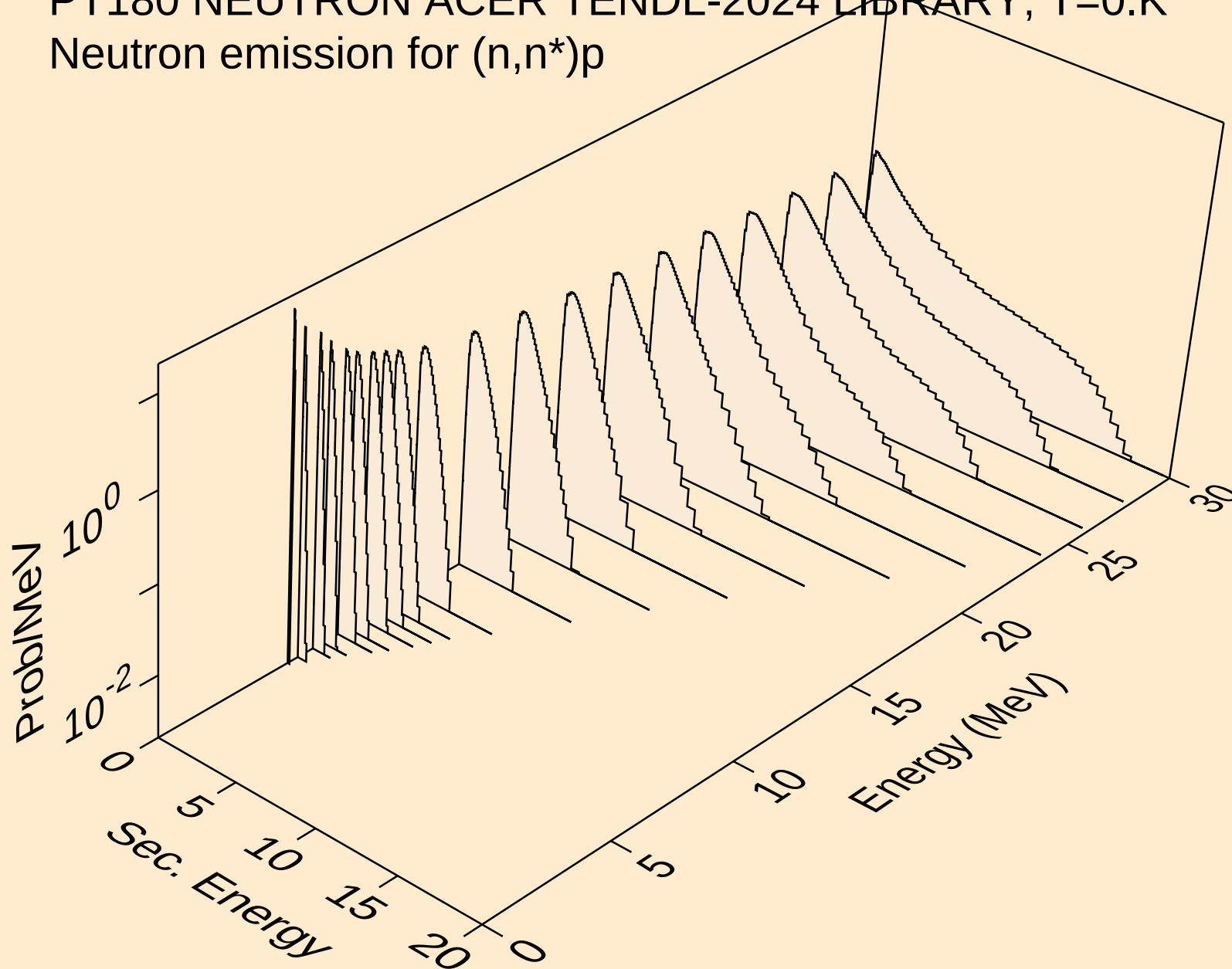
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



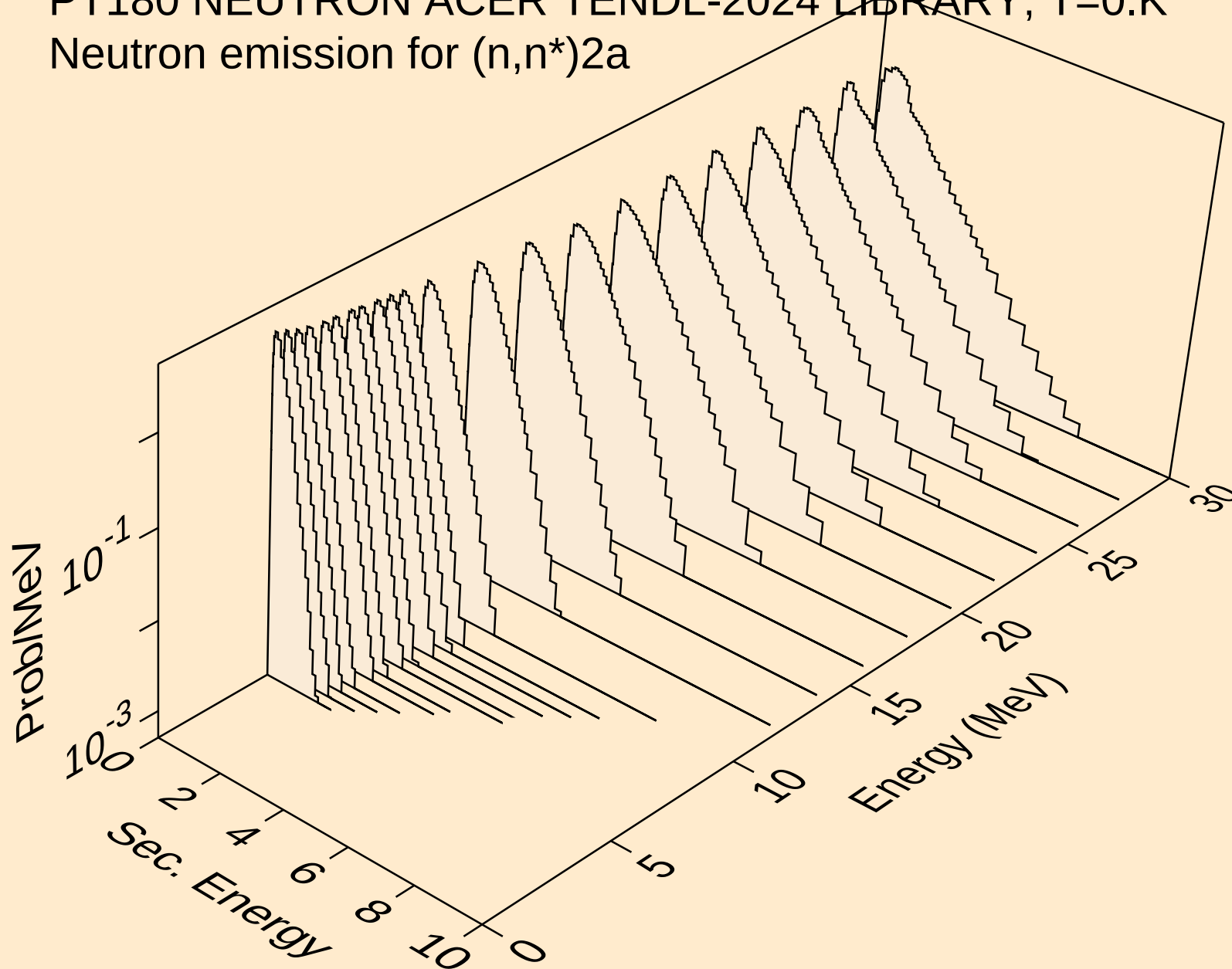
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



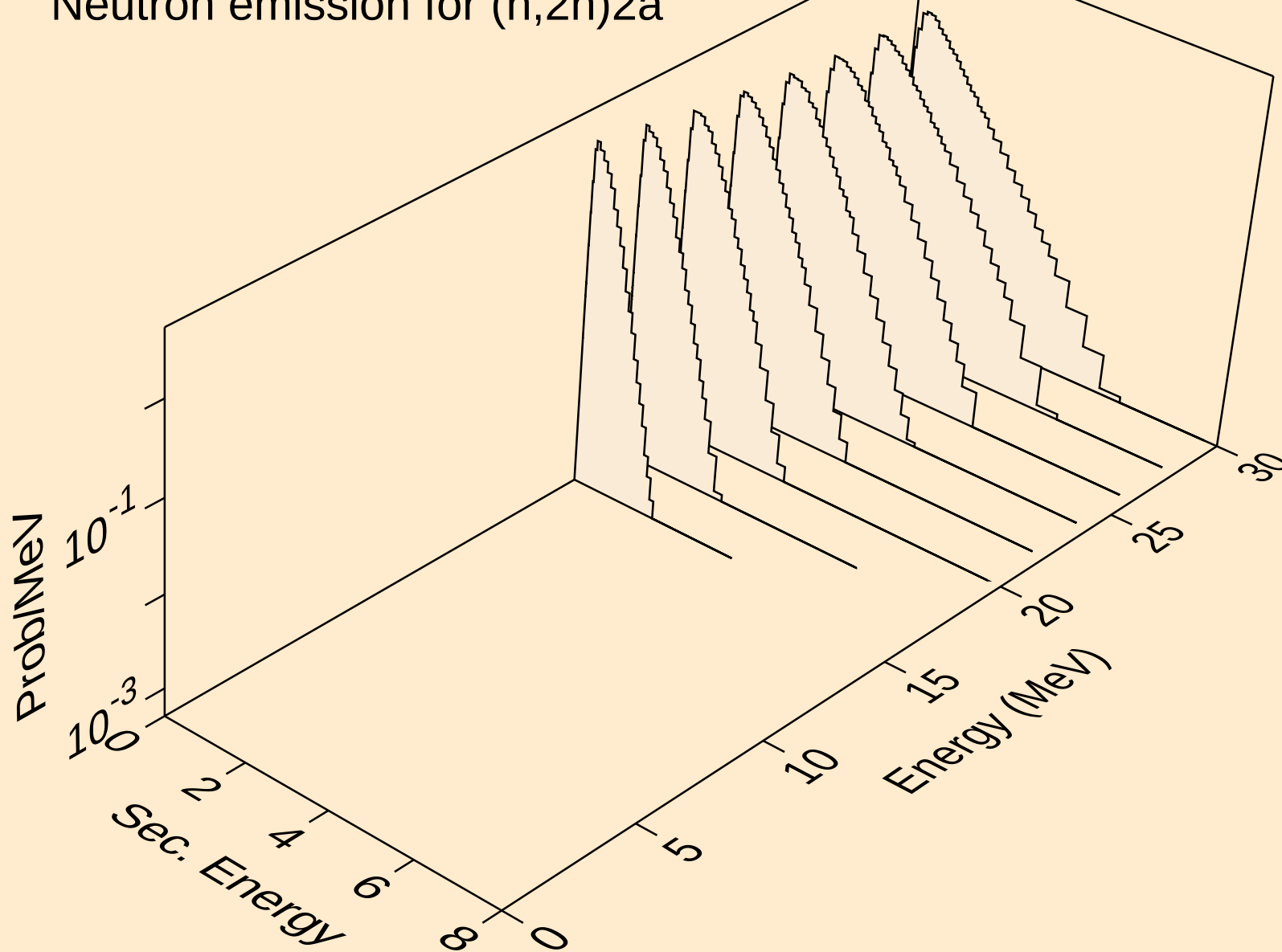
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



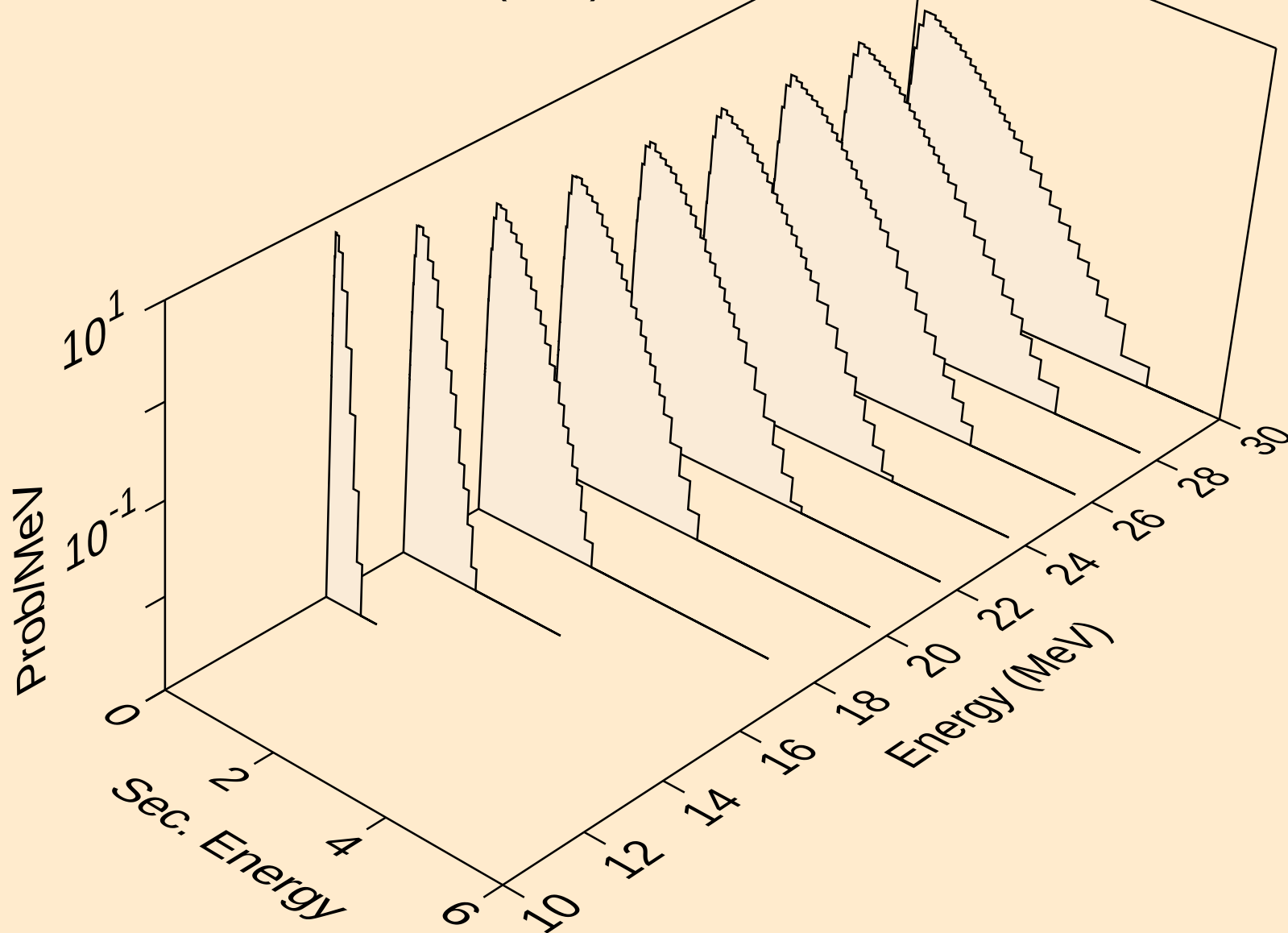
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



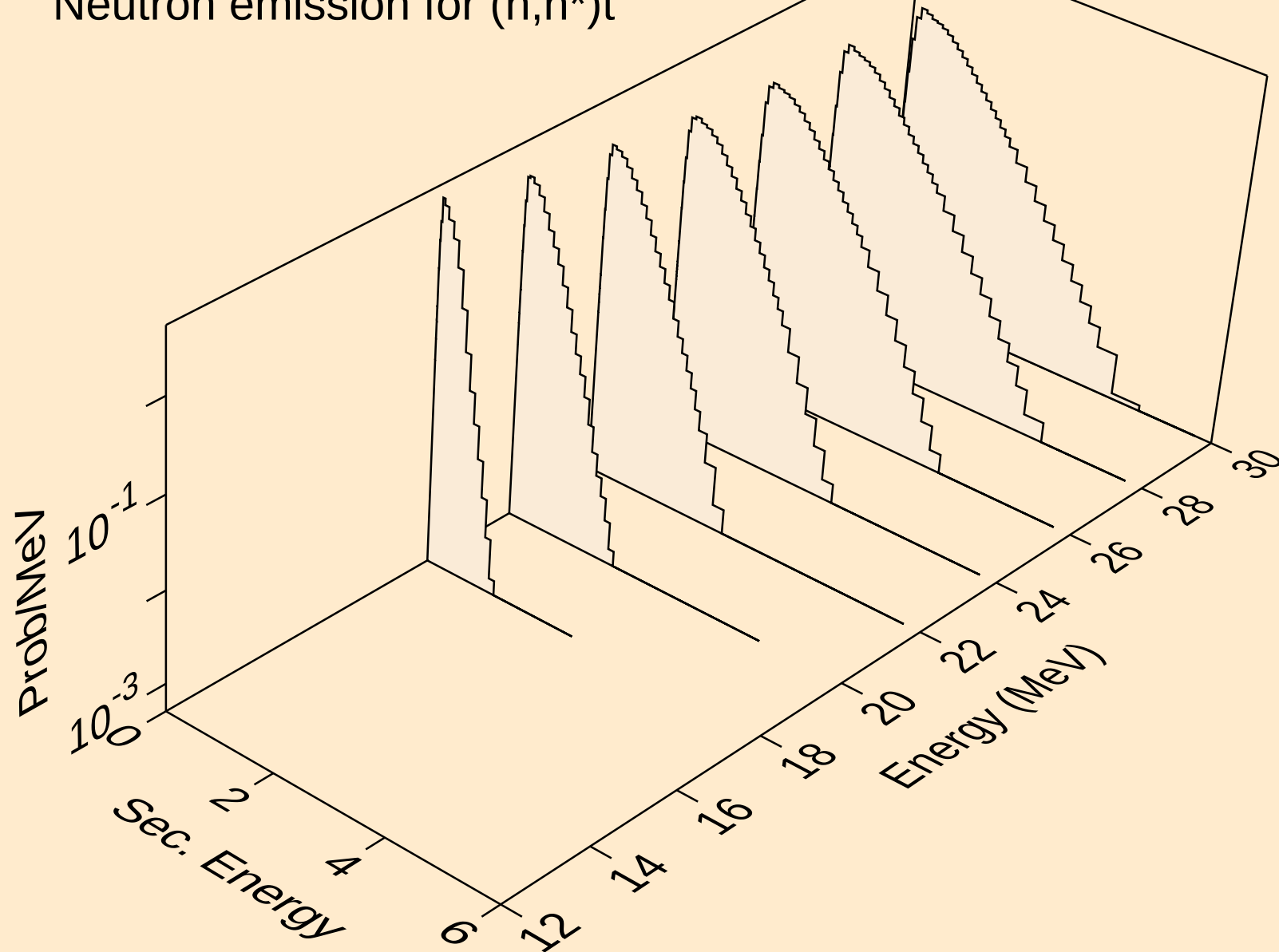
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



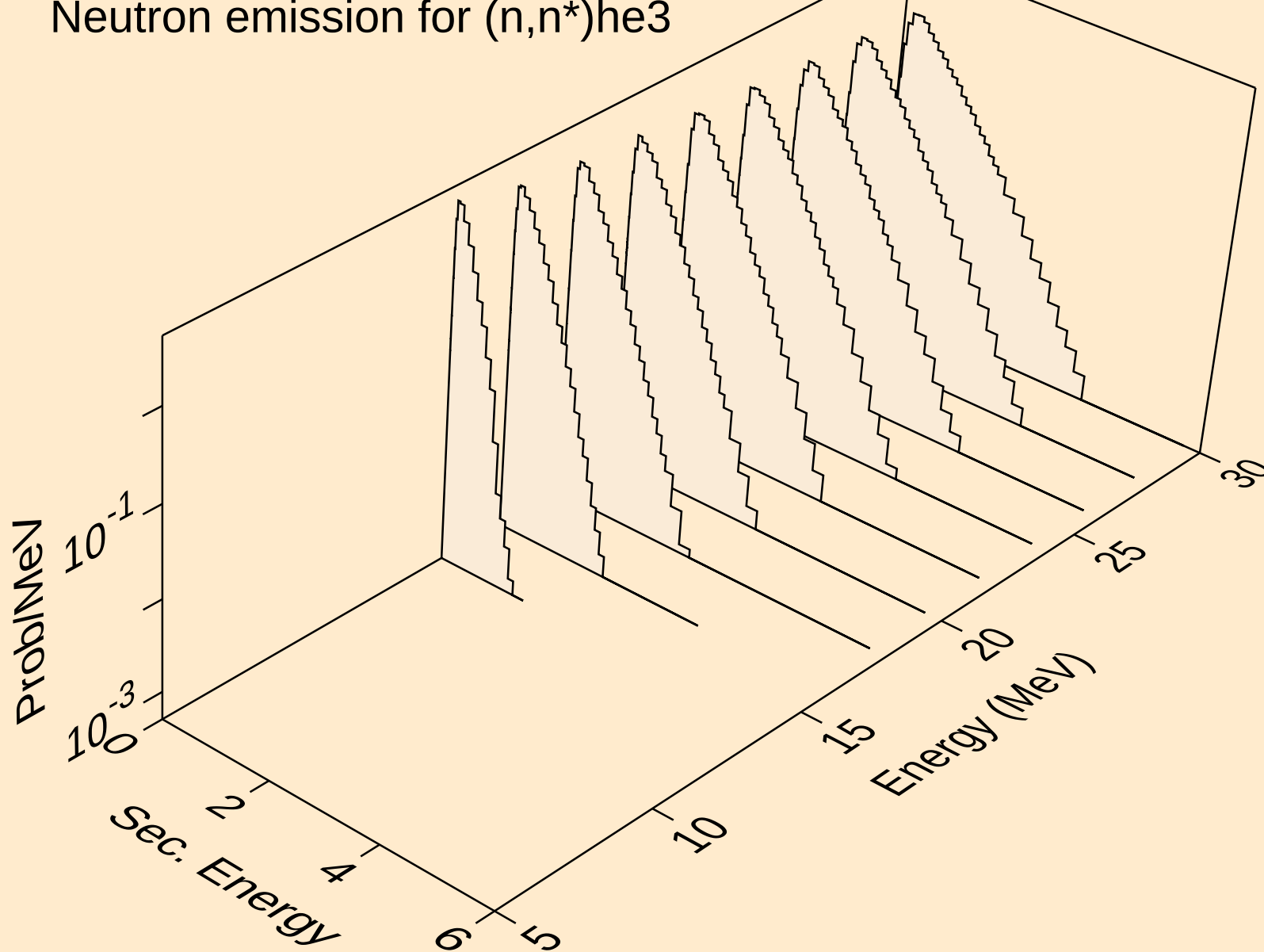
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



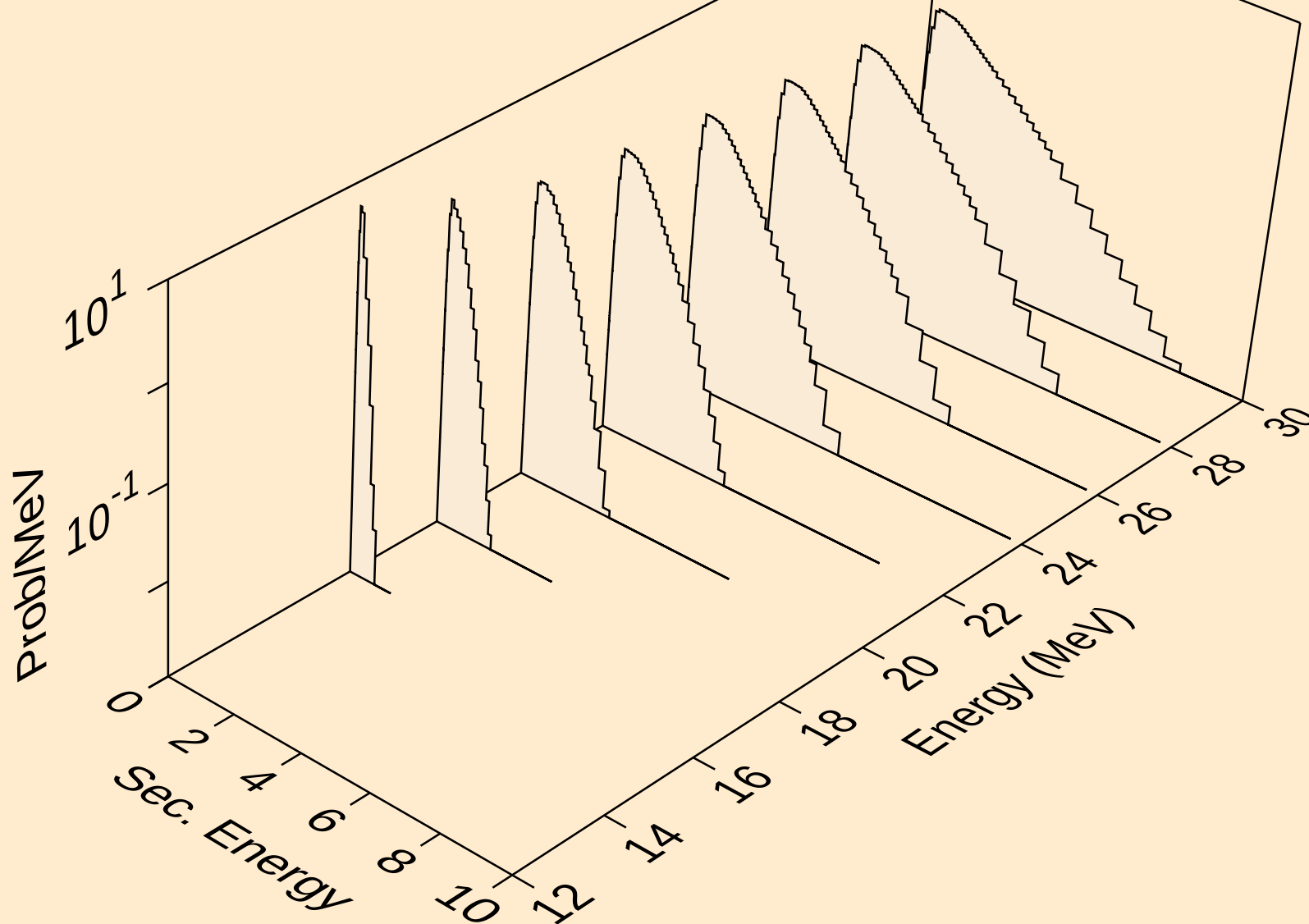
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



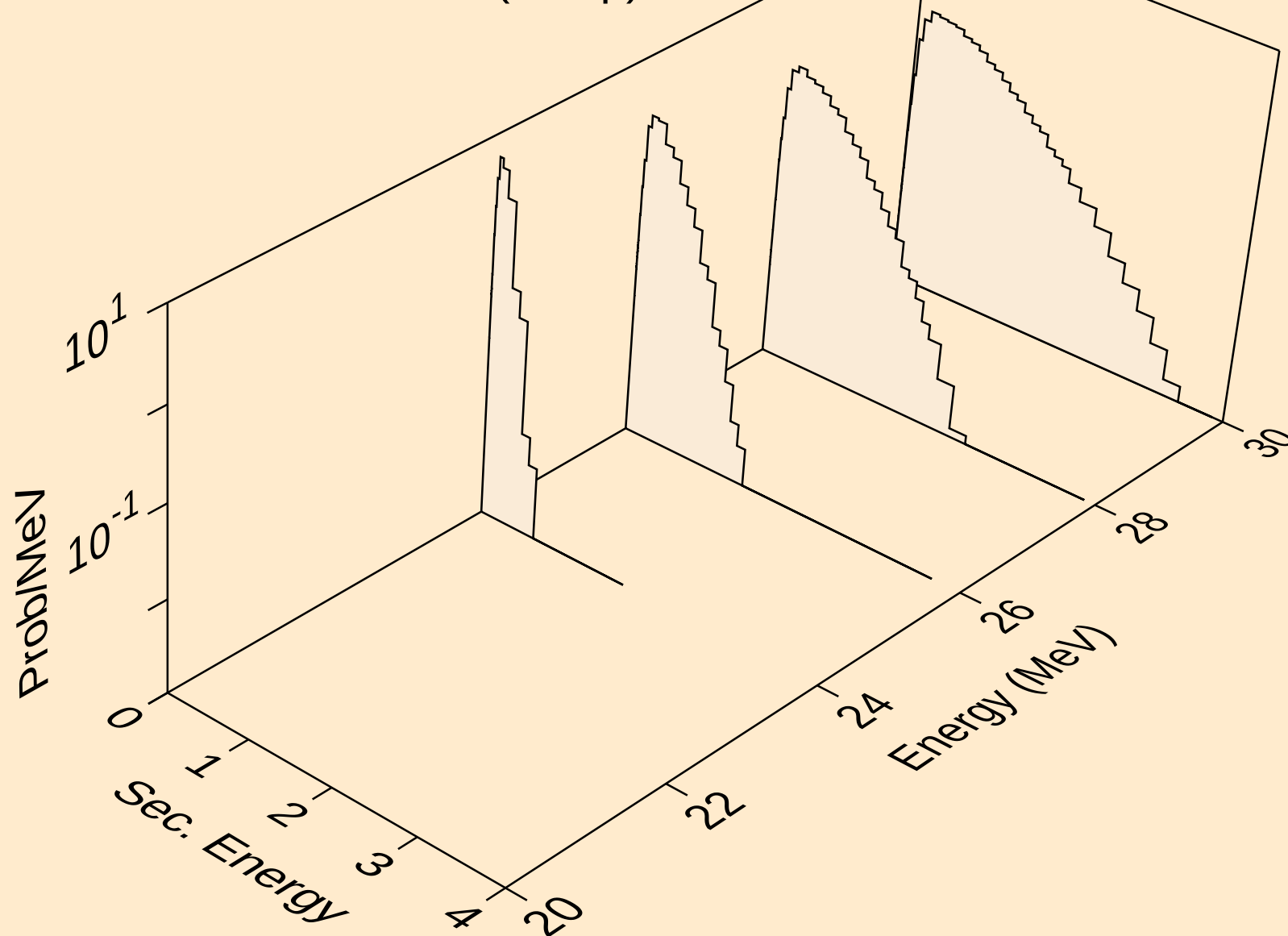
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



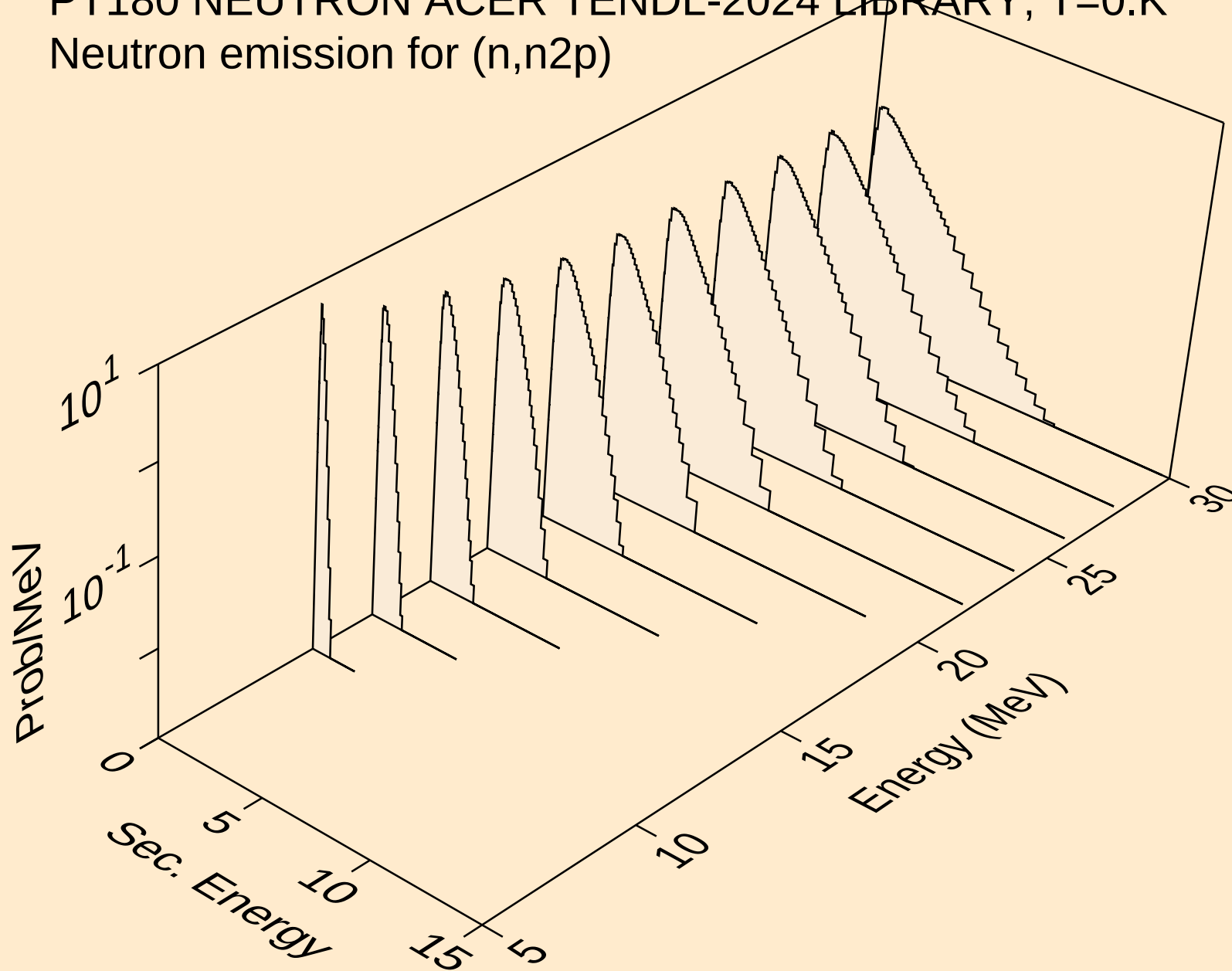
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



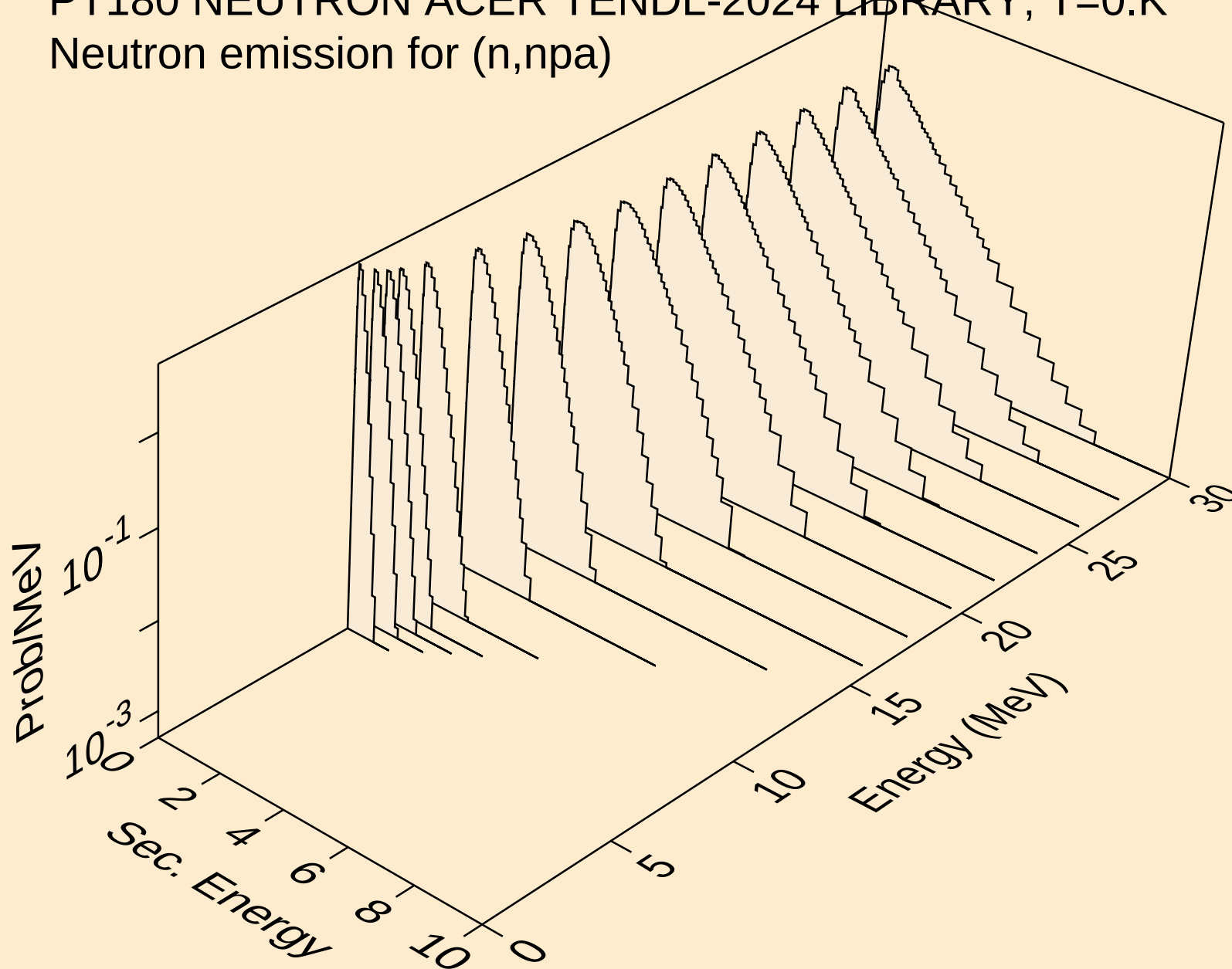
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



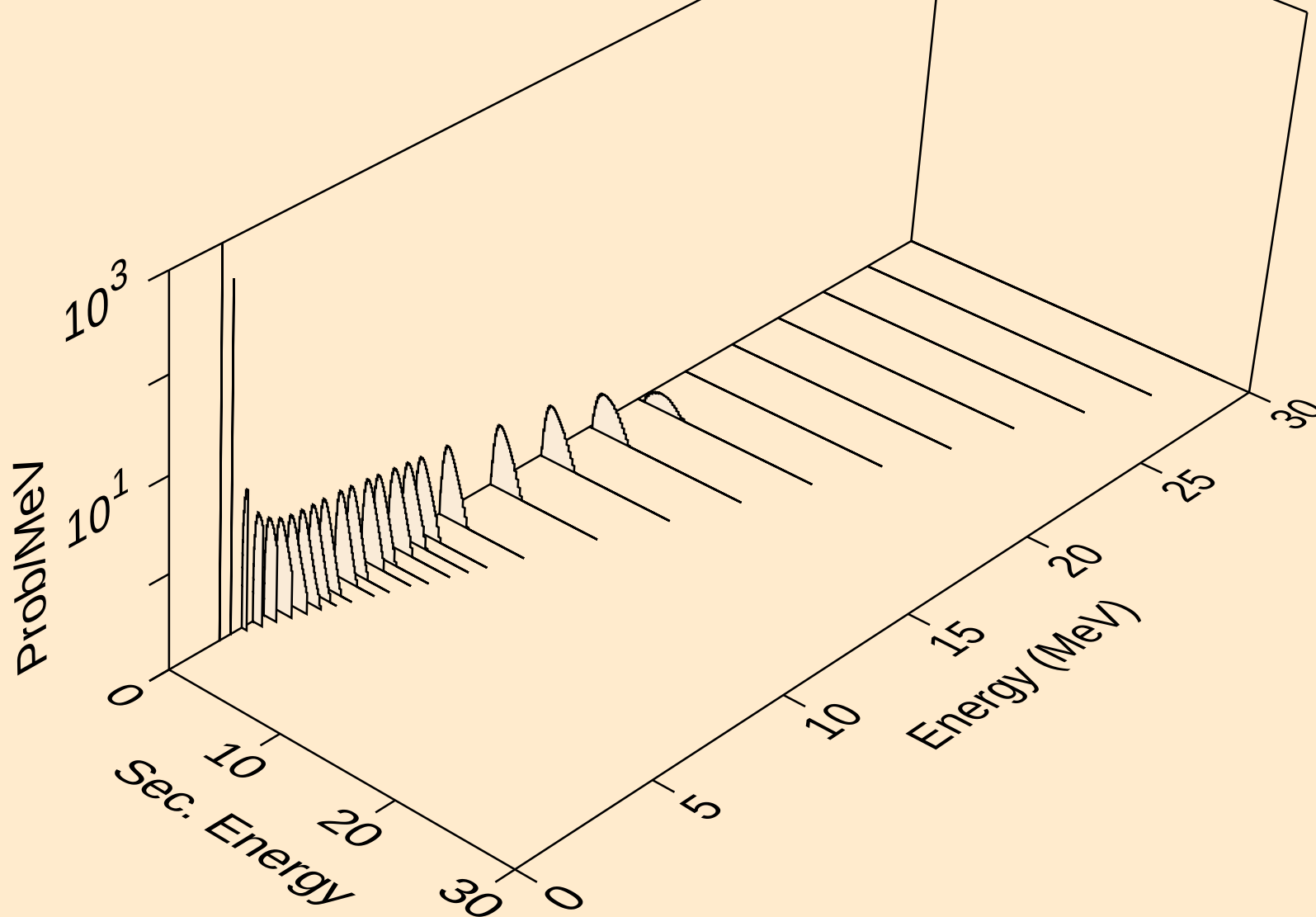
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



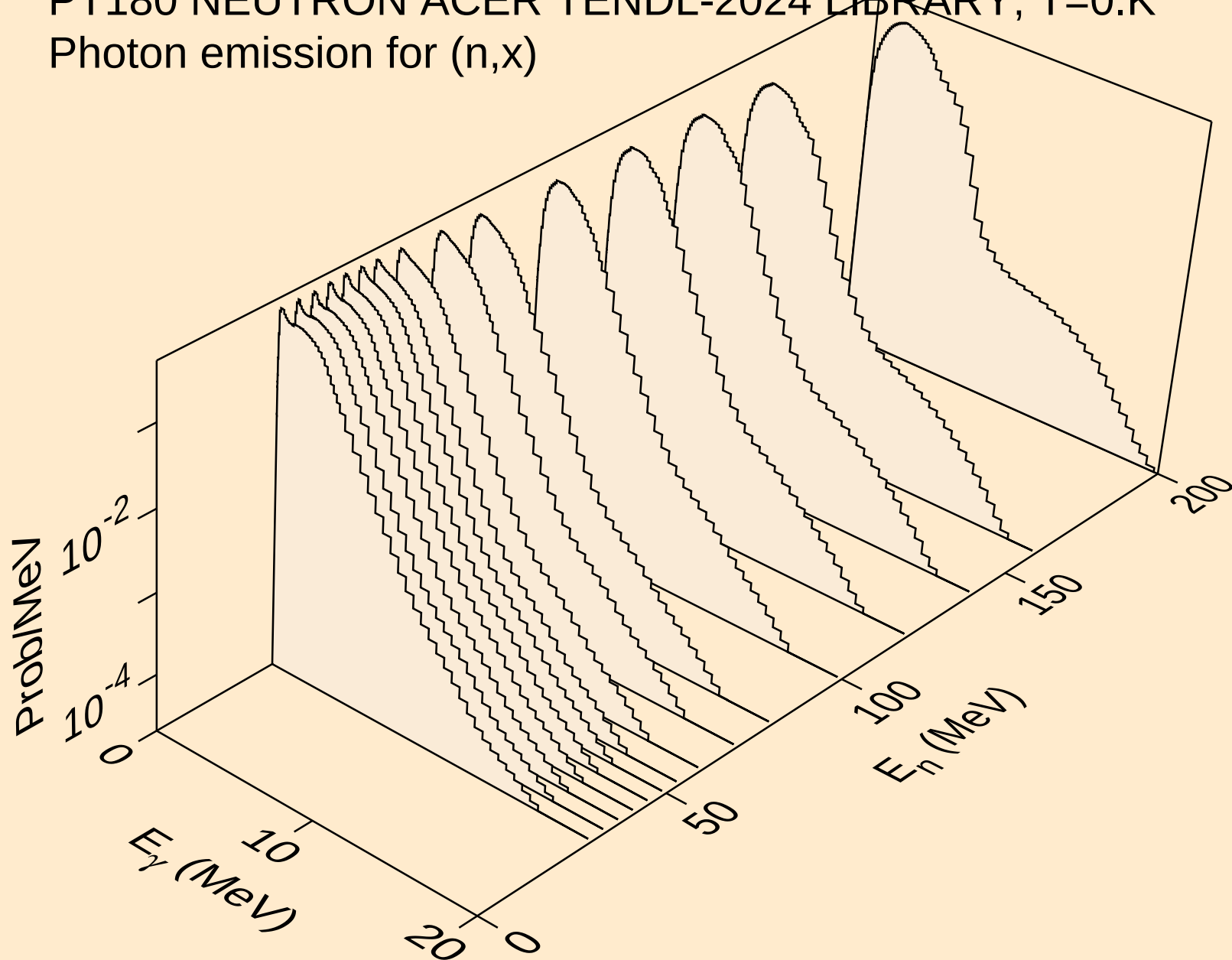
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)



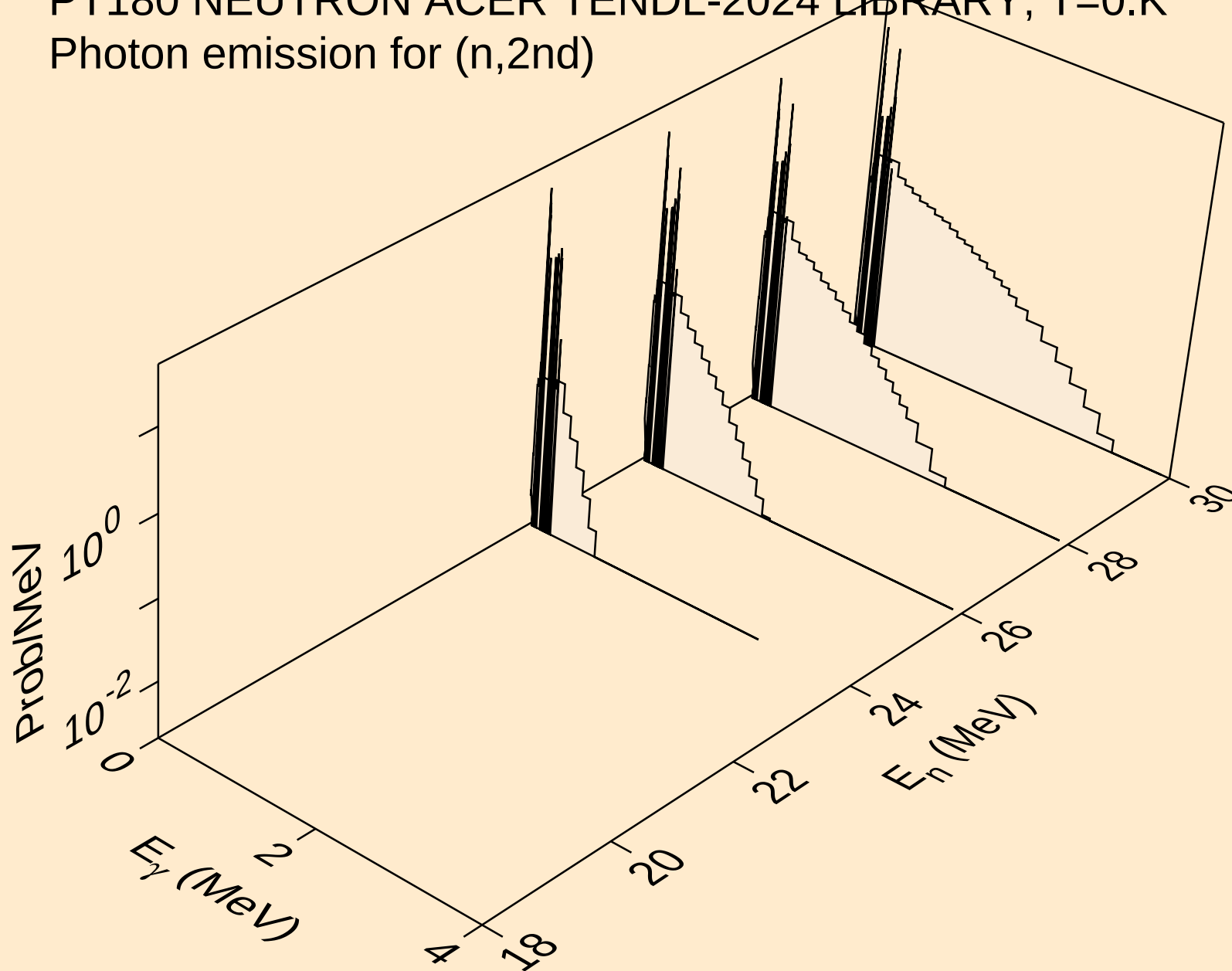
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



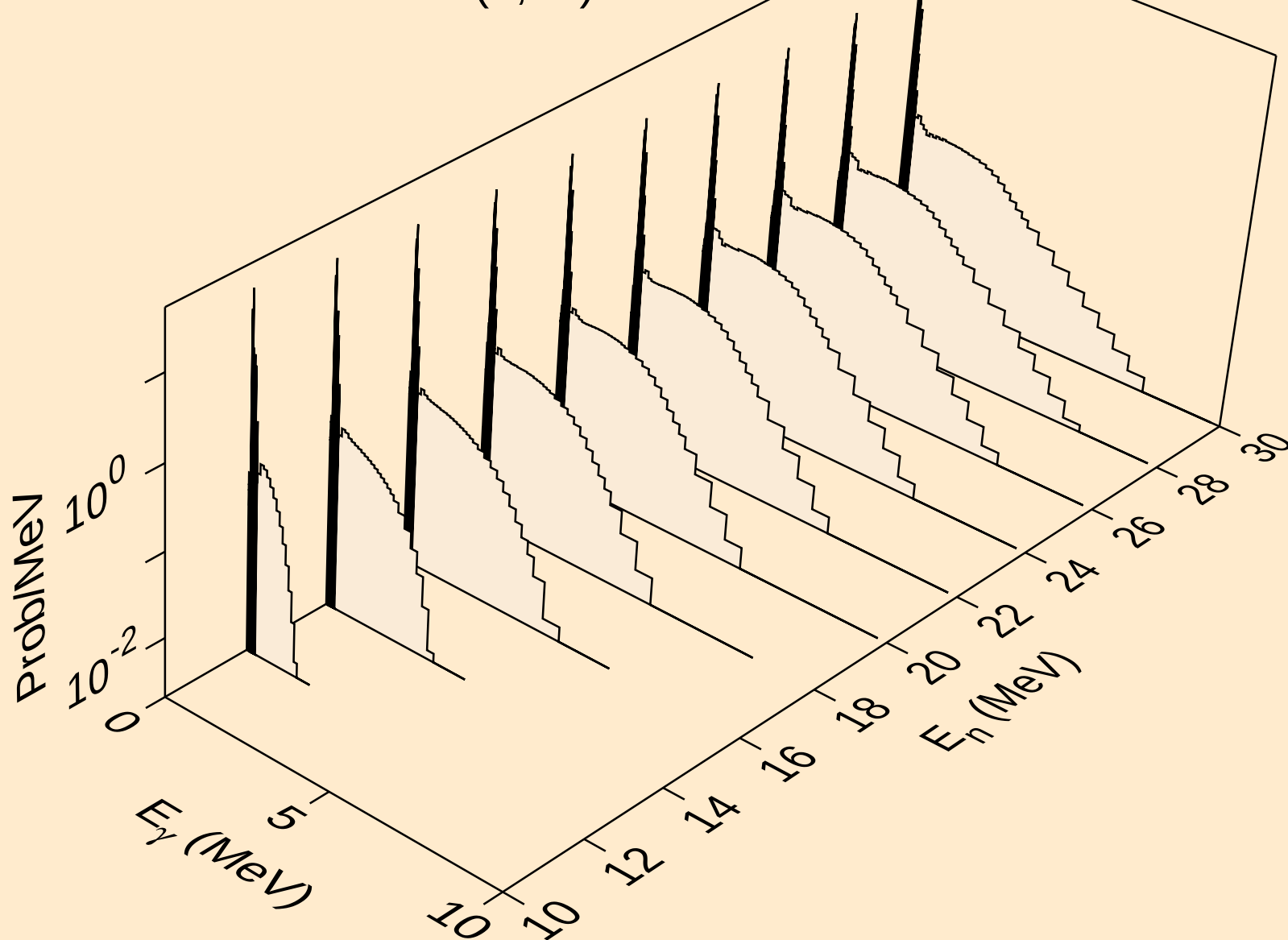
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



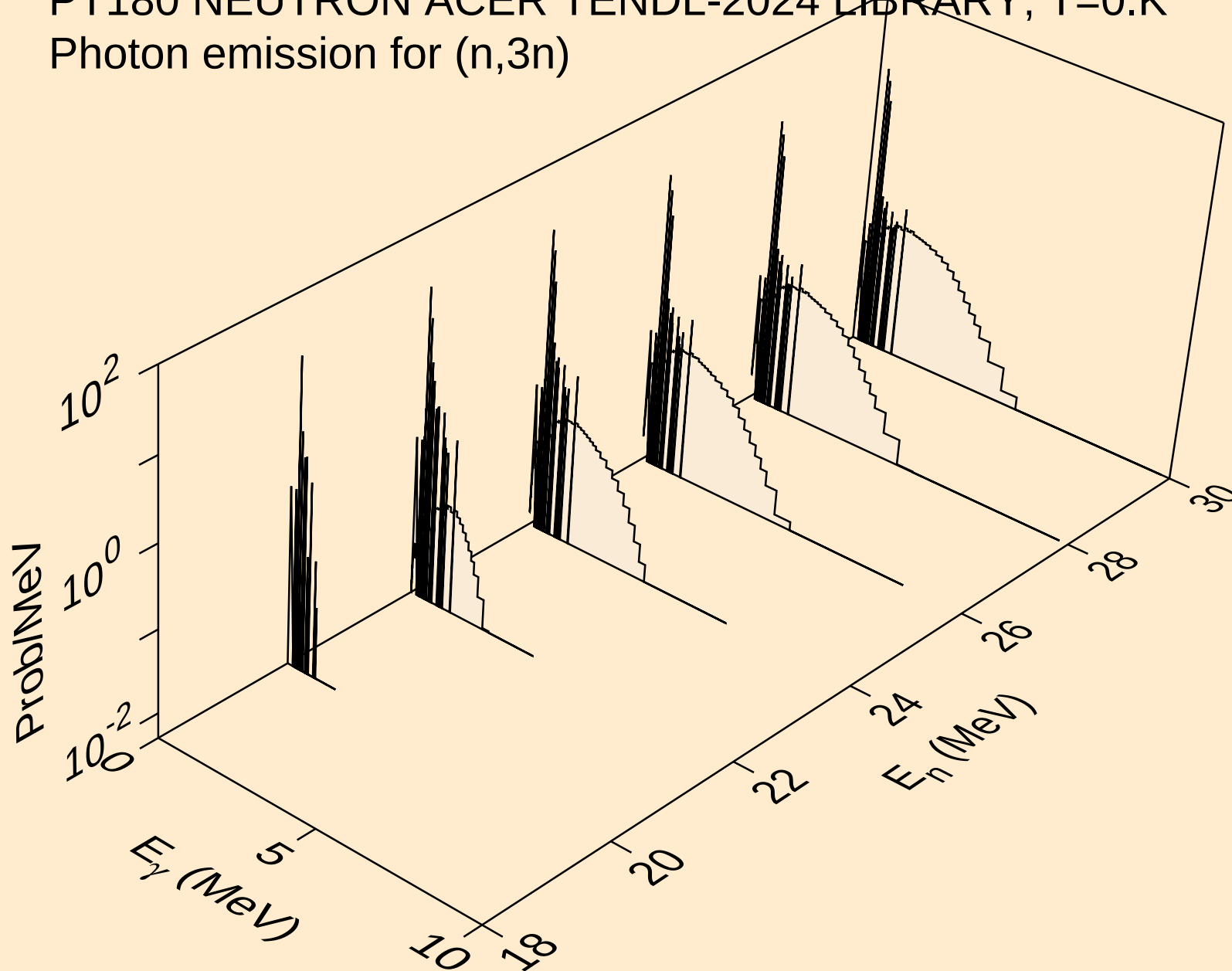
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



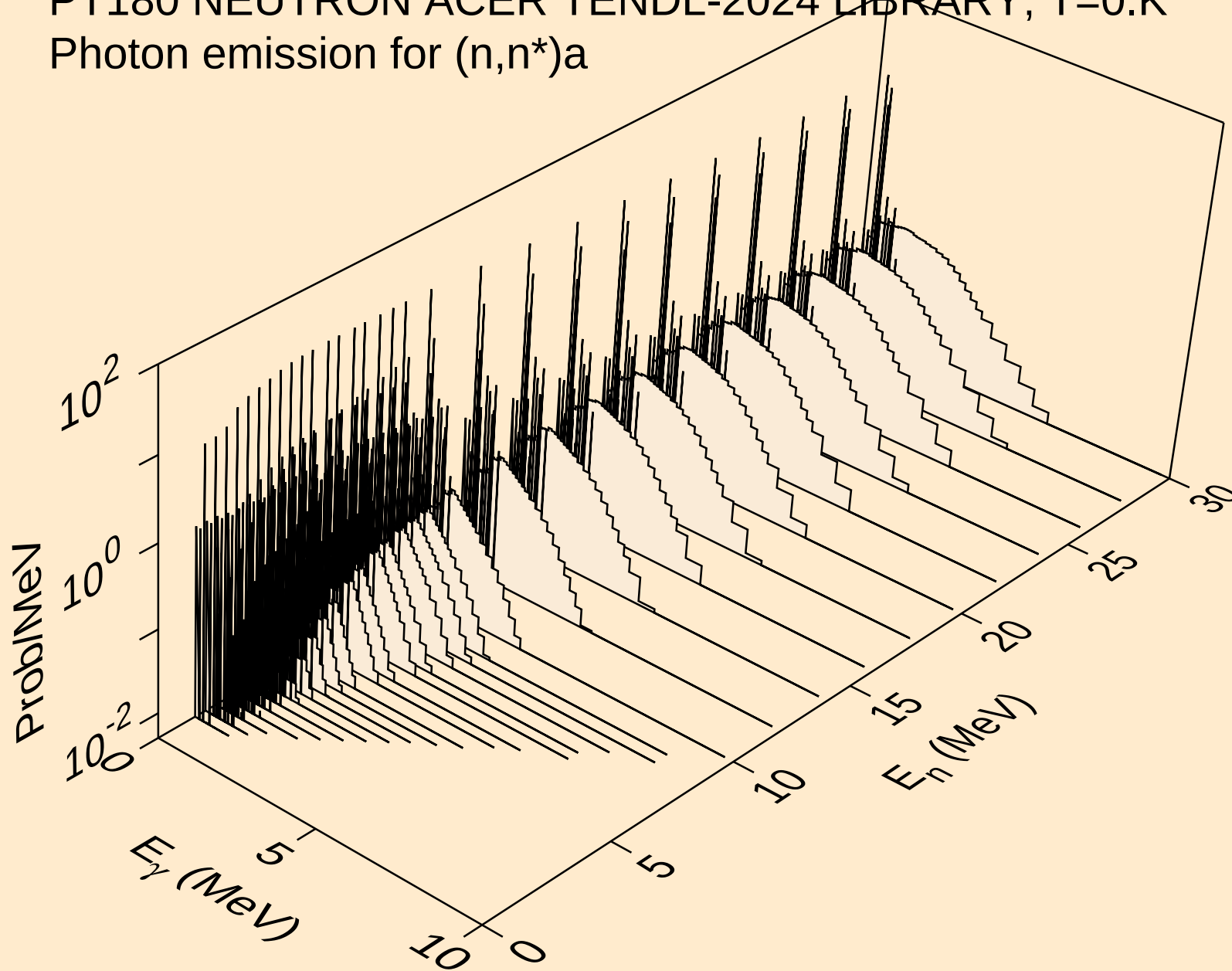
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)

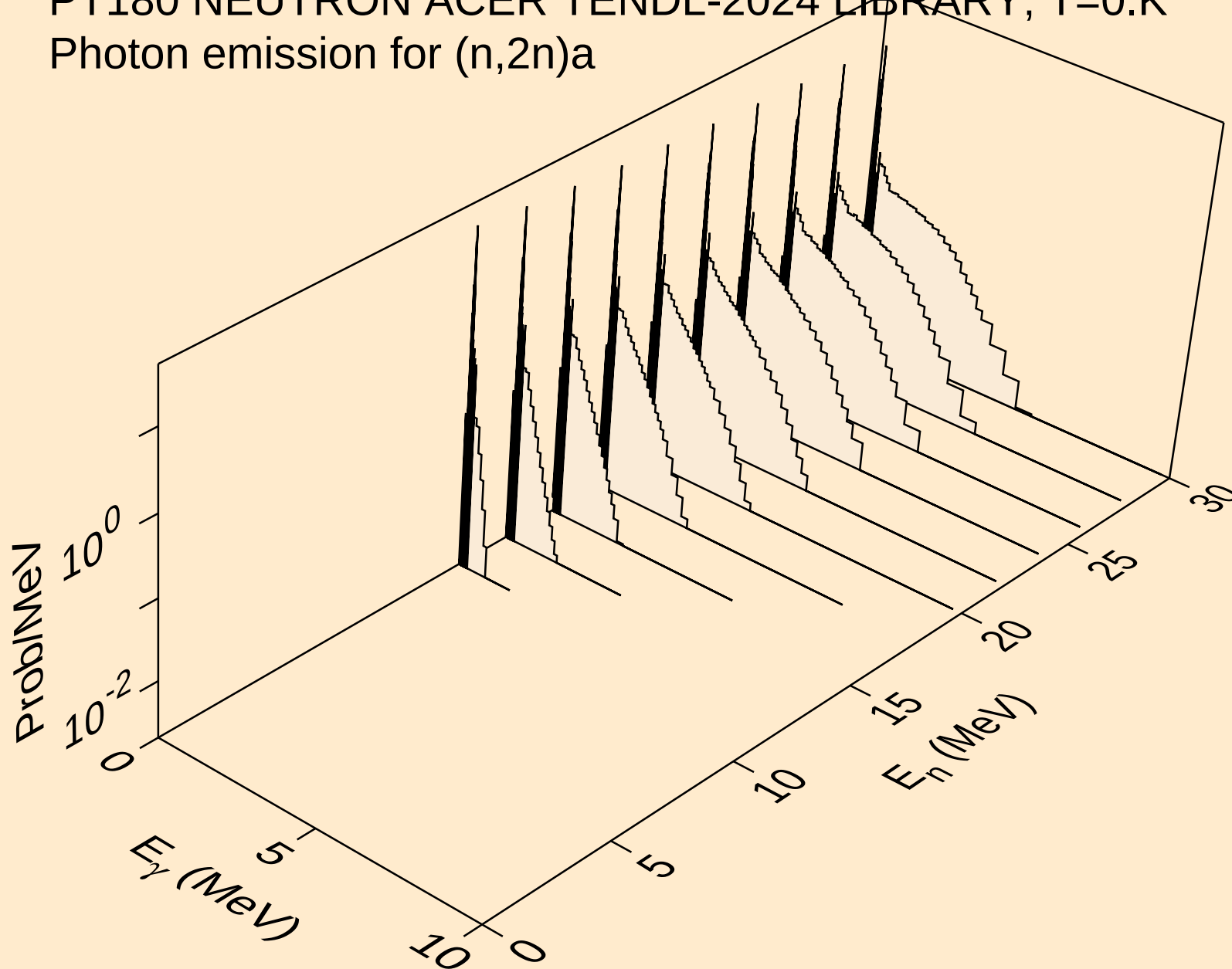


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a

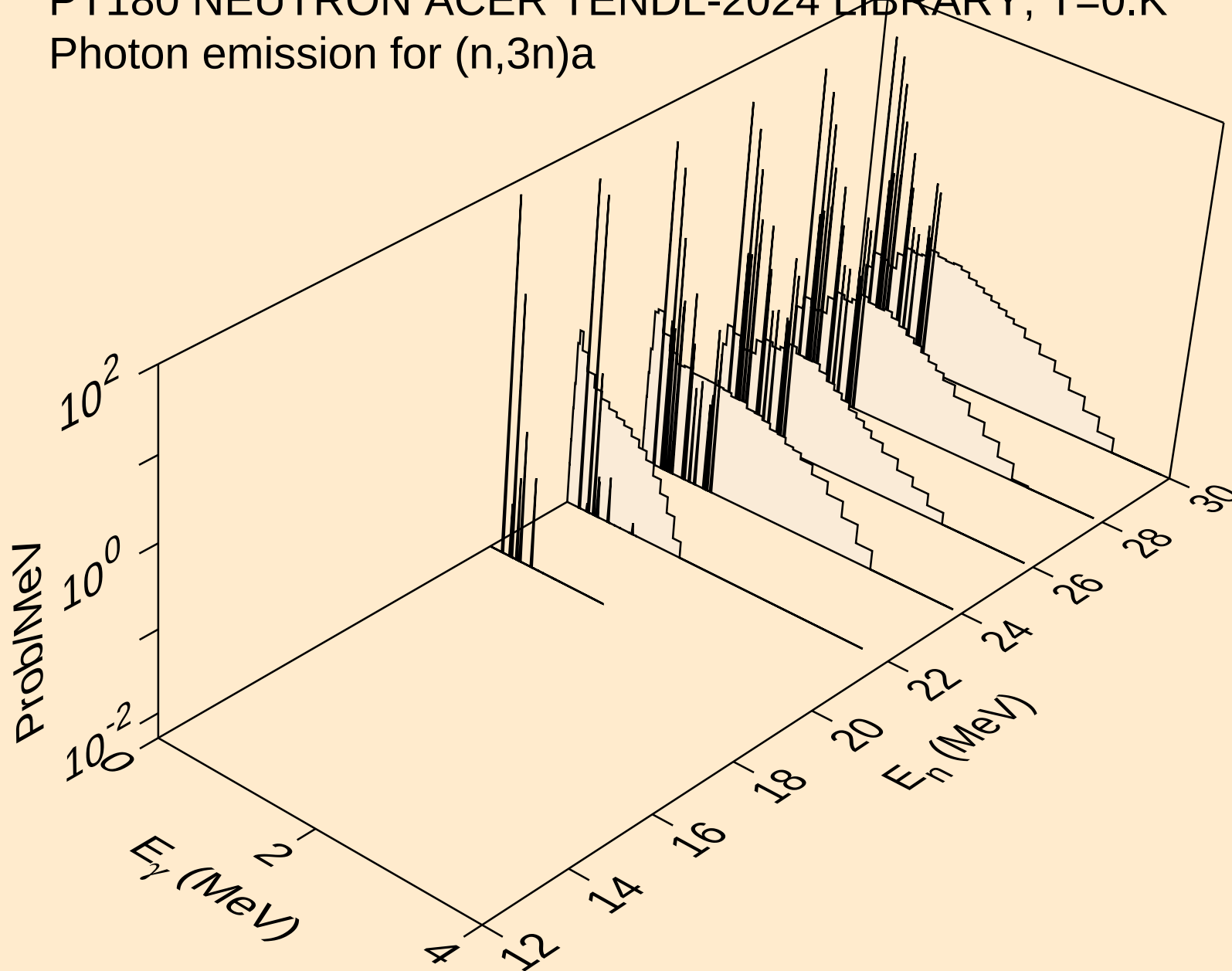


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

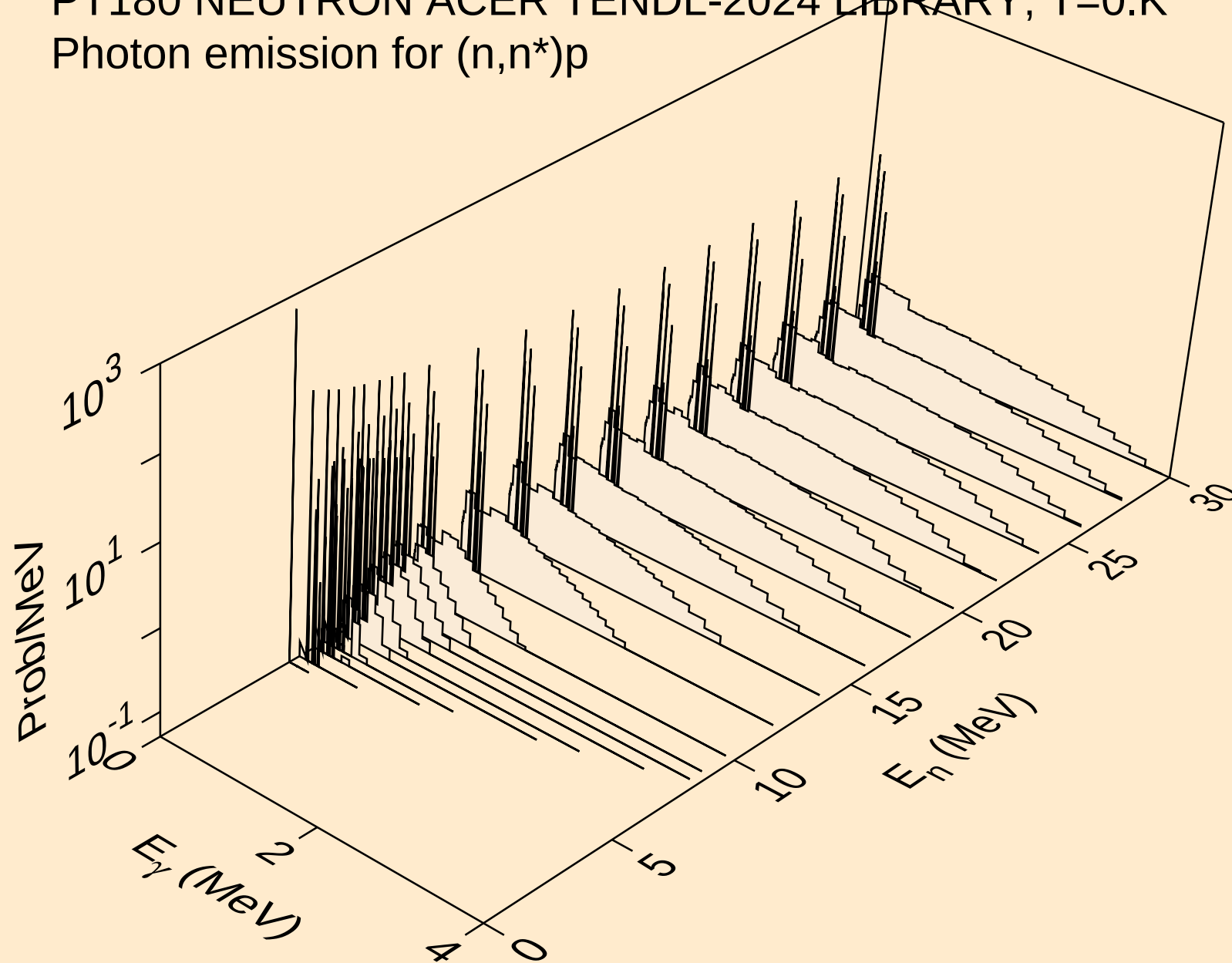
Photon emission for (n,2n) α



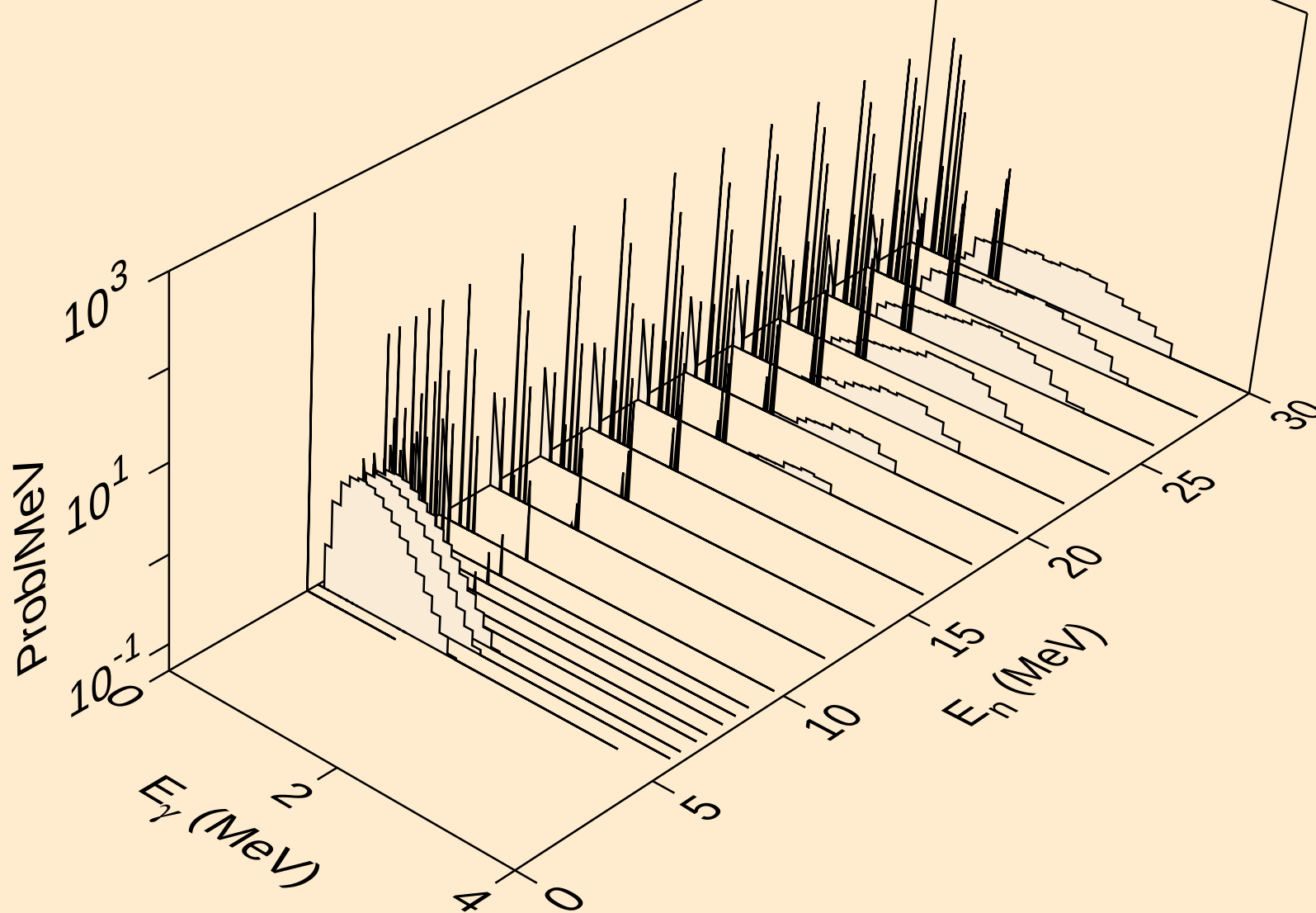
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n) α



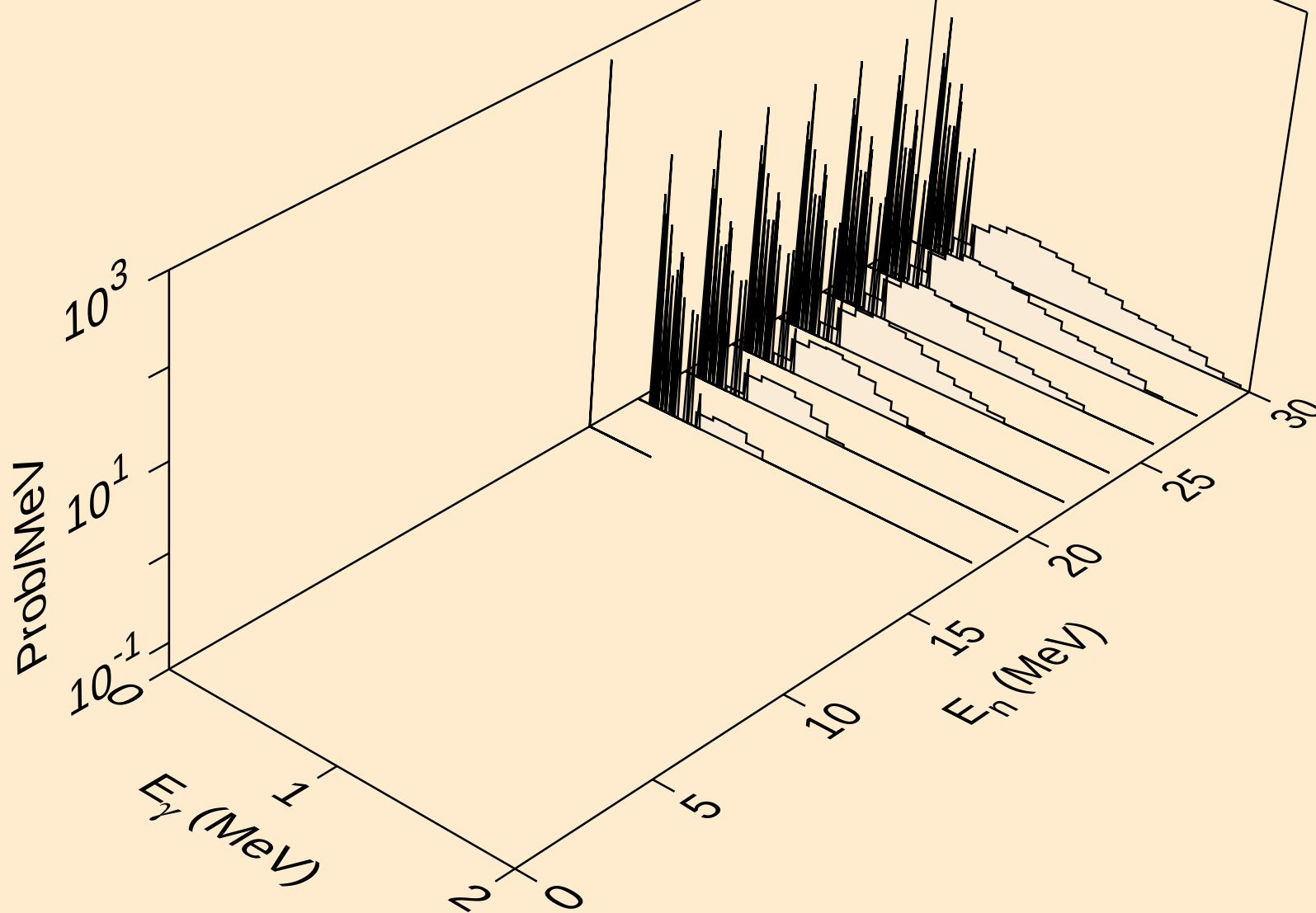
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



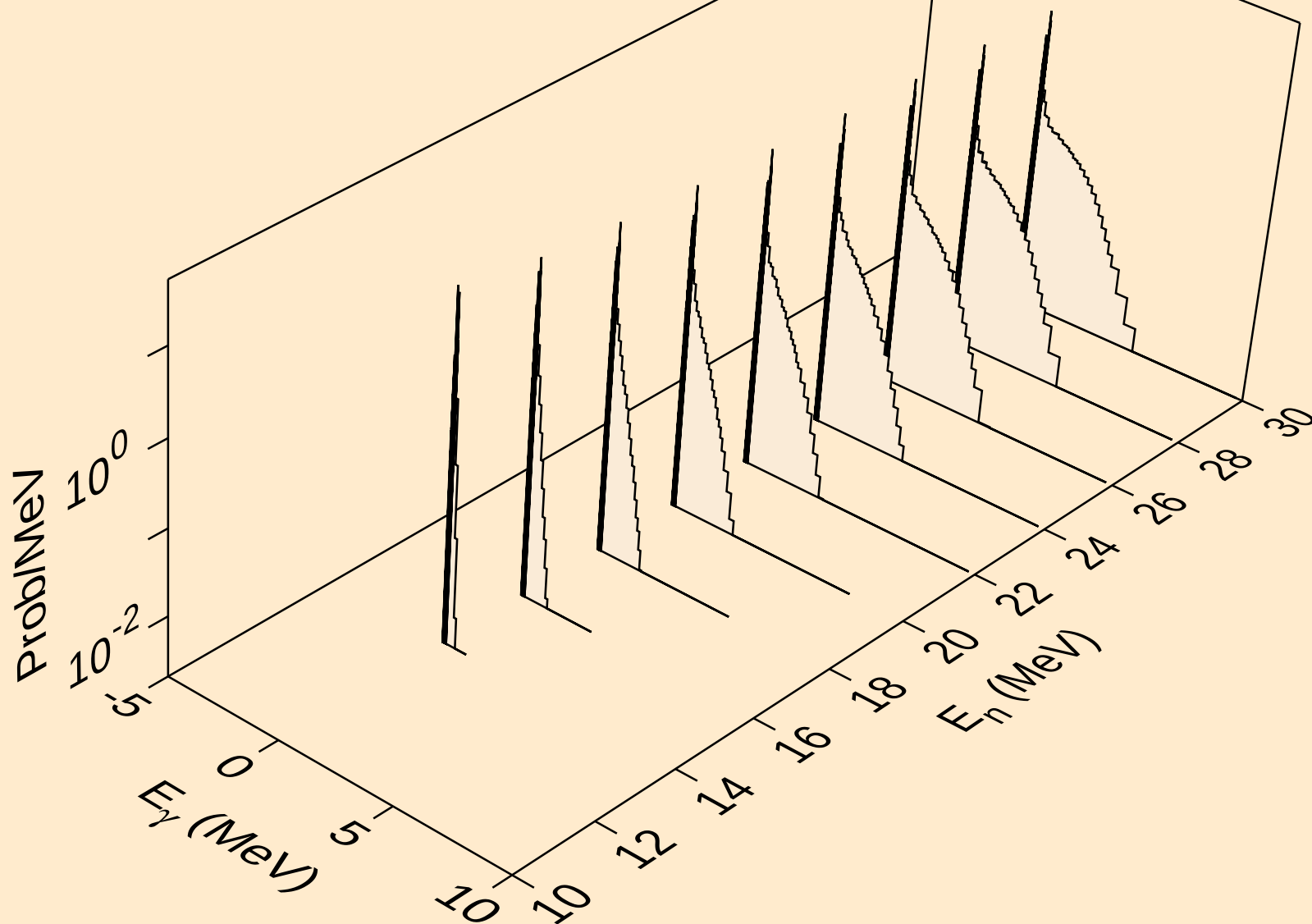
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)2a

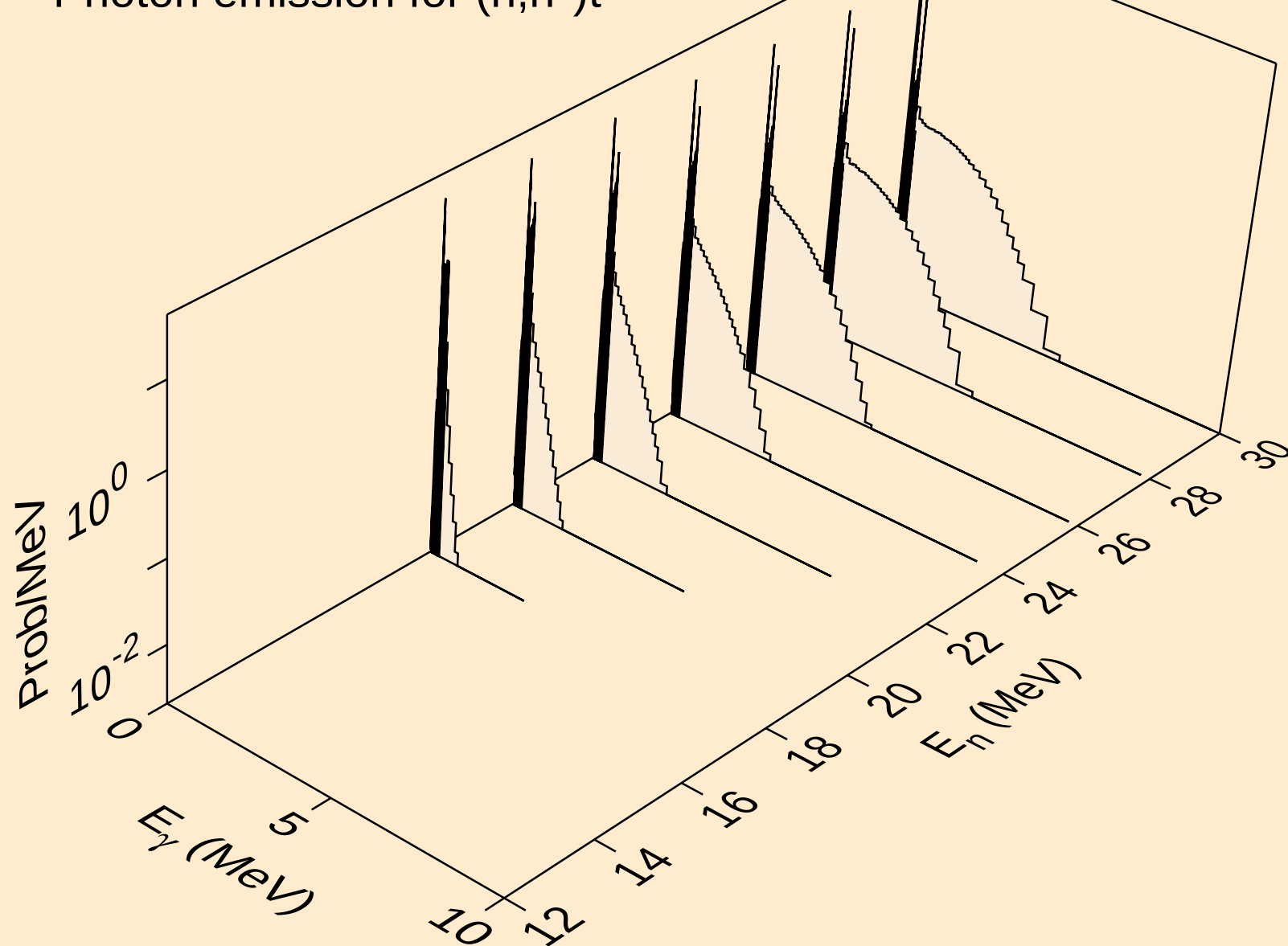


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d

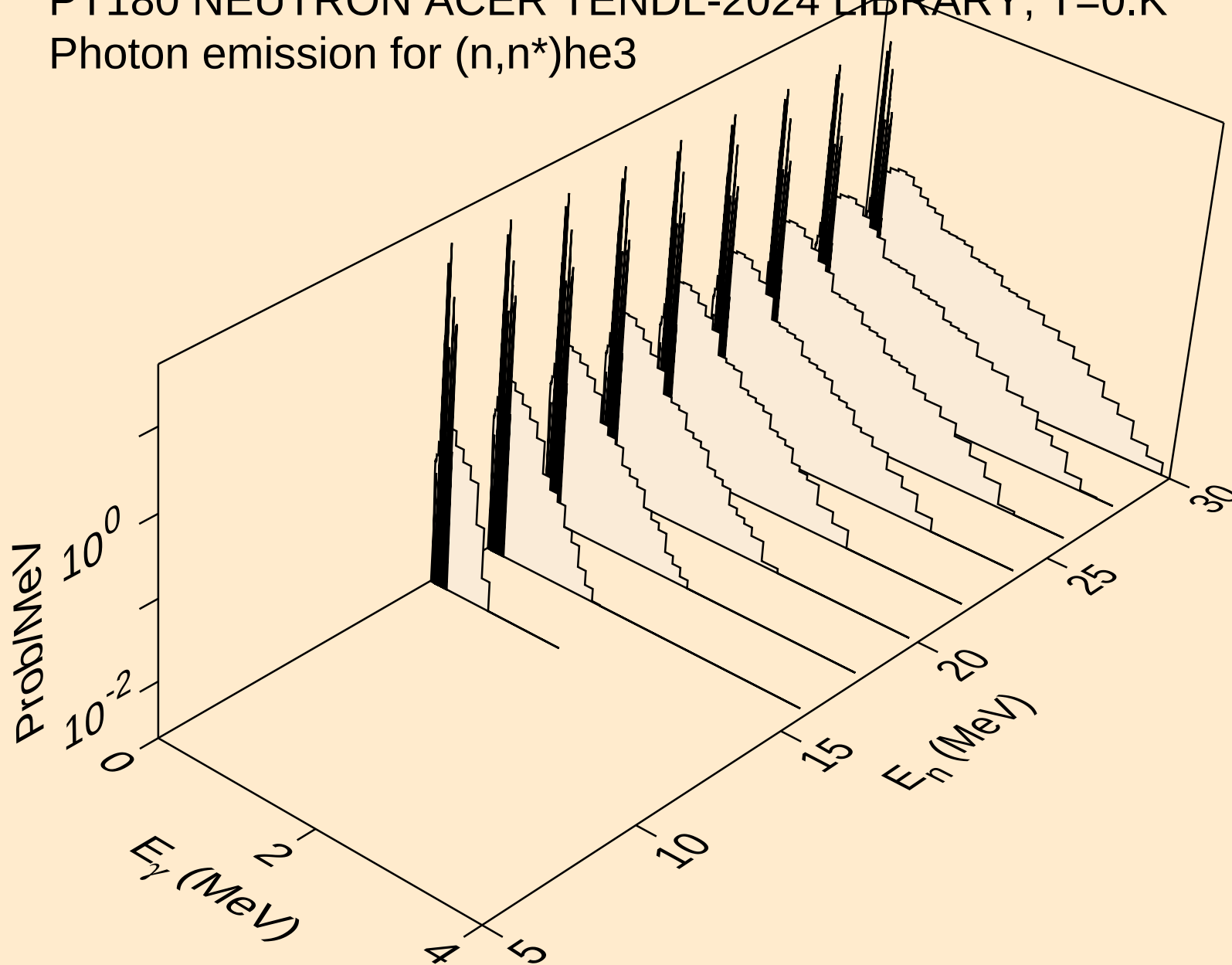


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

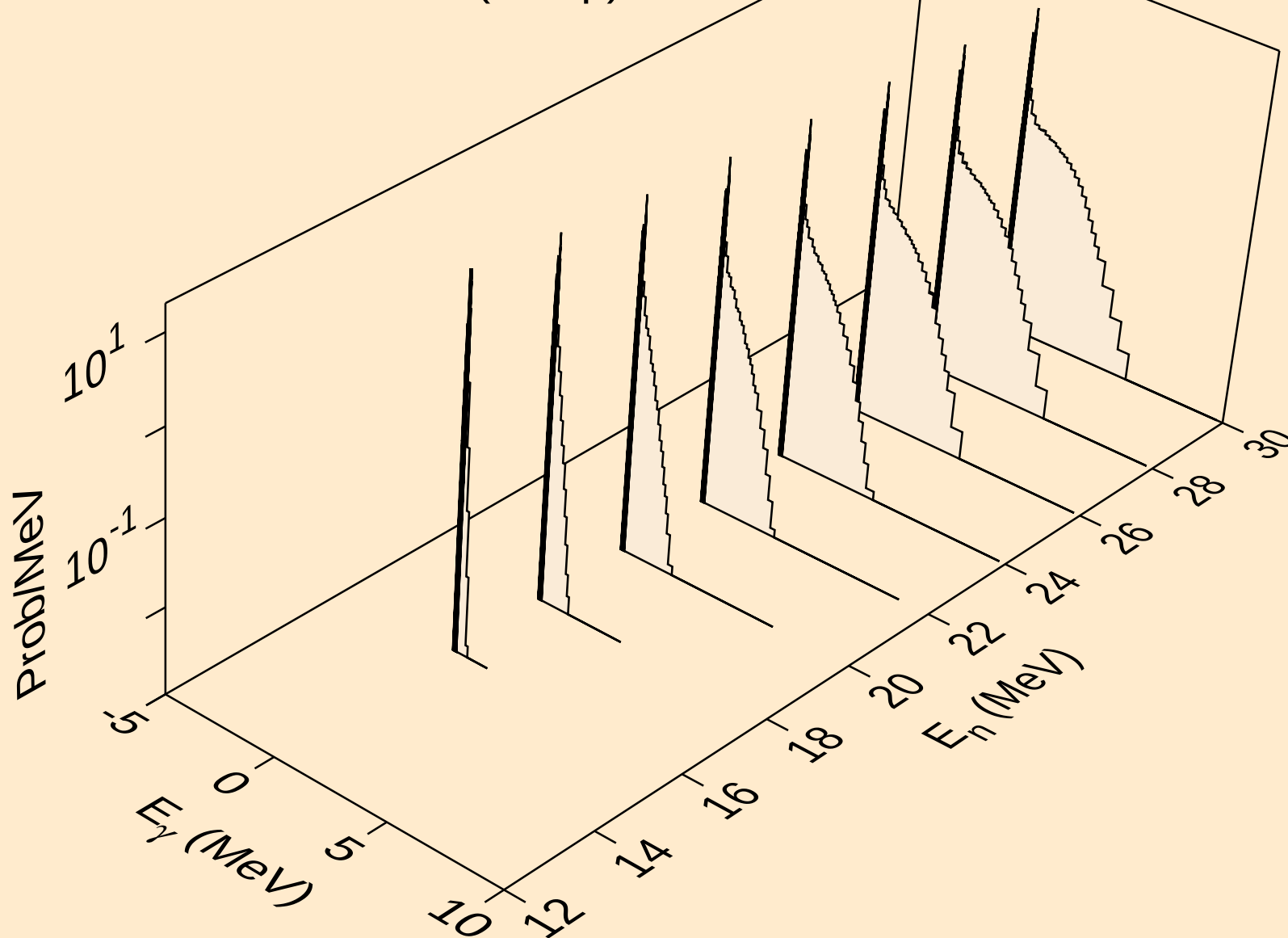
Photon emission for (n,n*)t



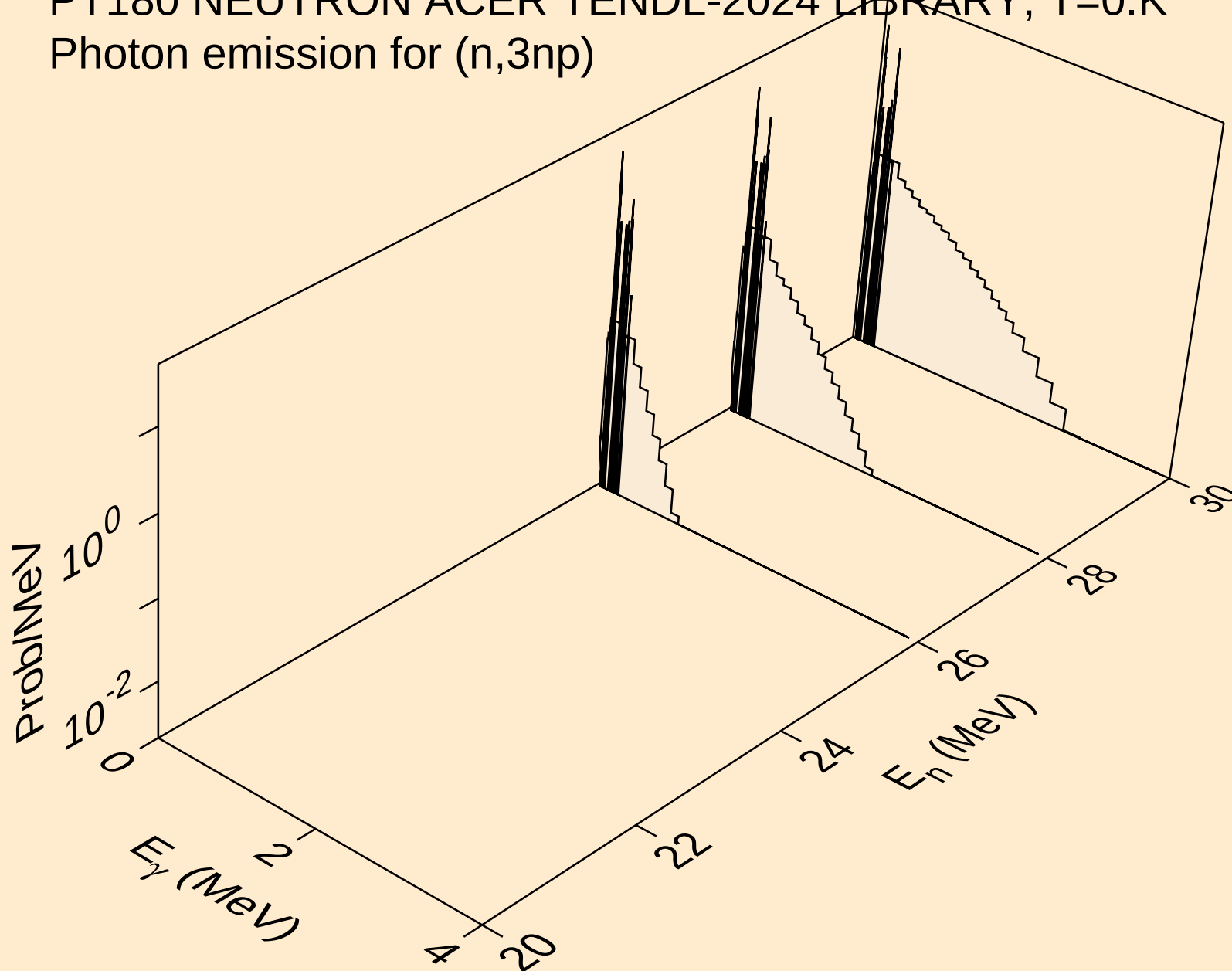
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



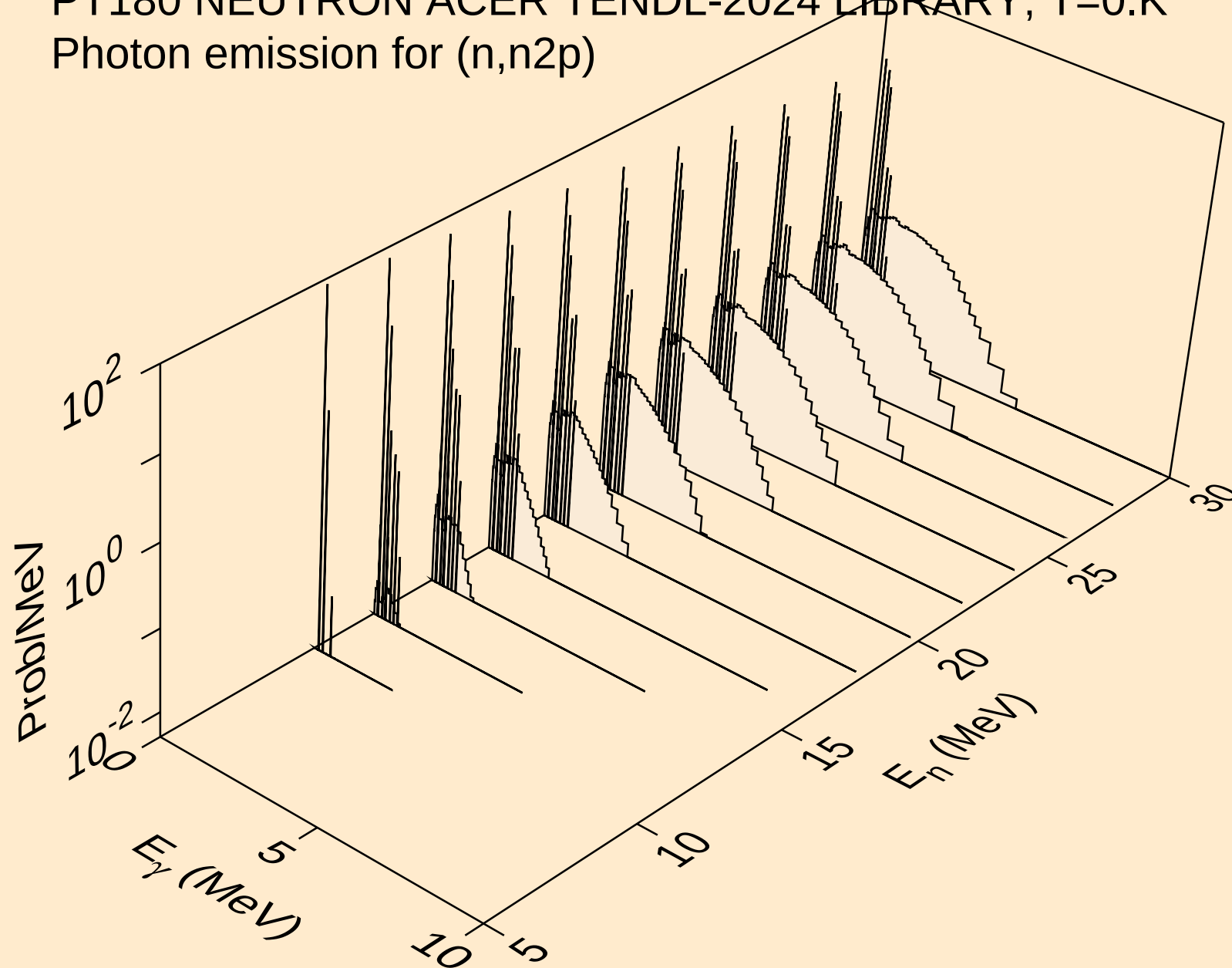
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



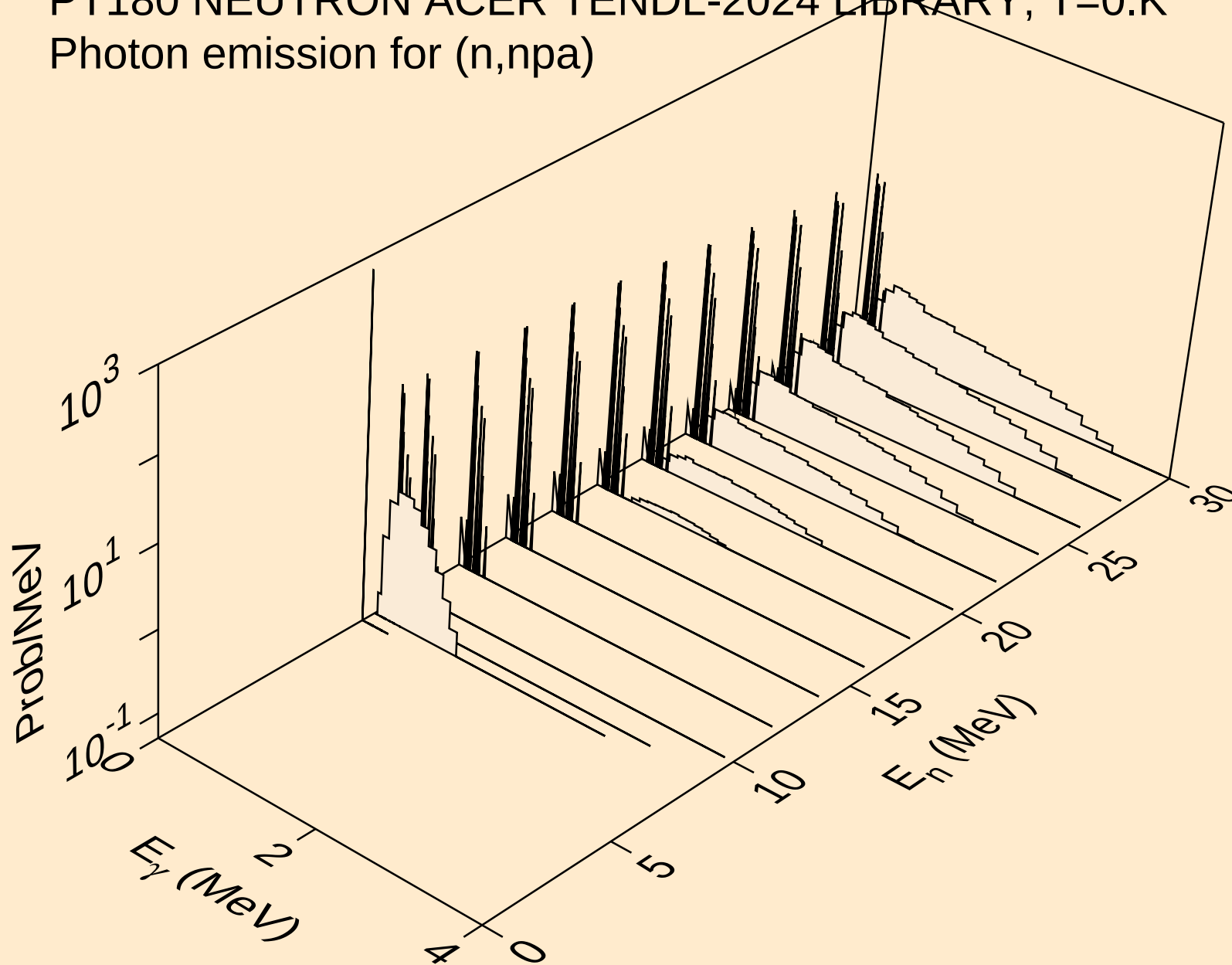
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



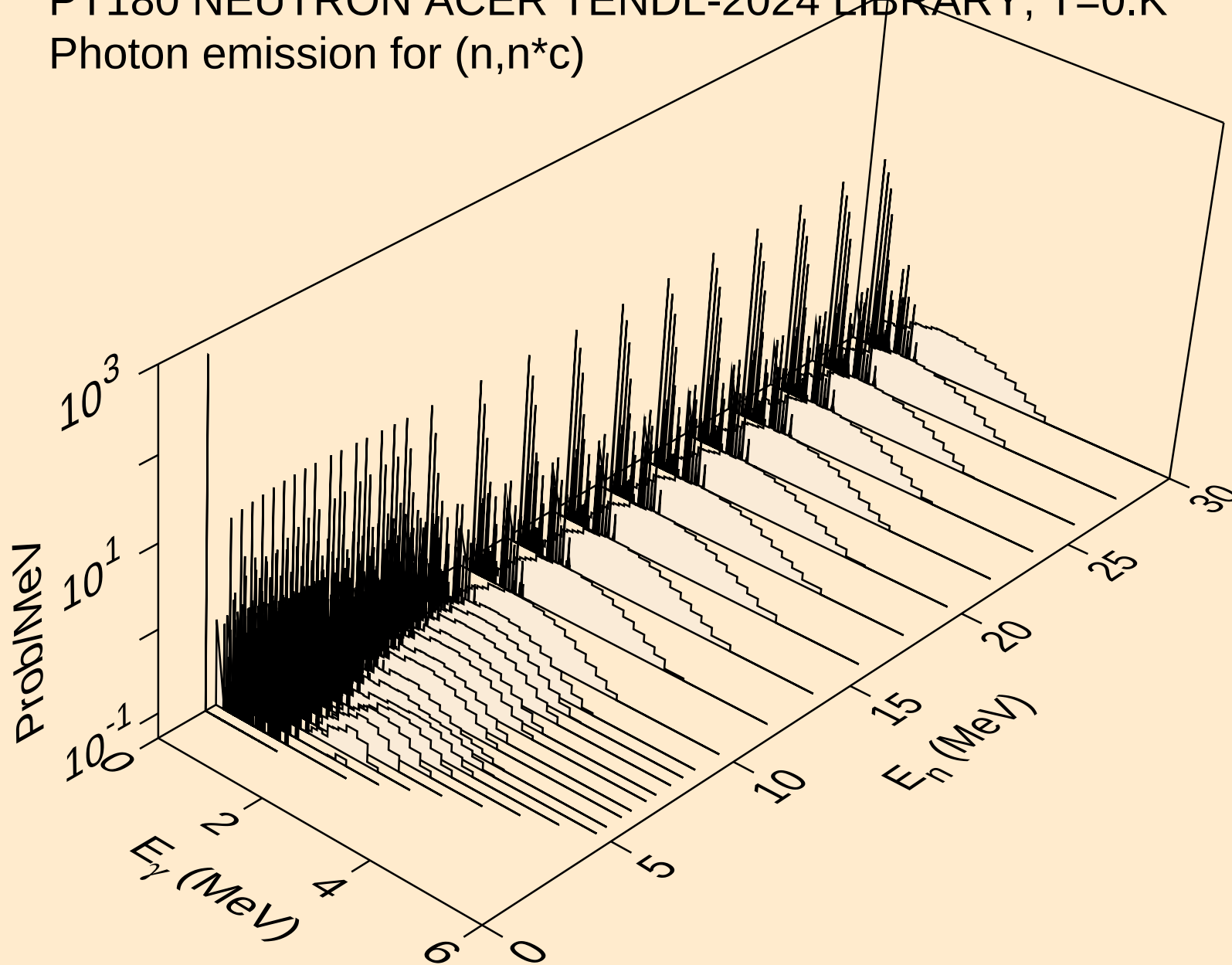
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



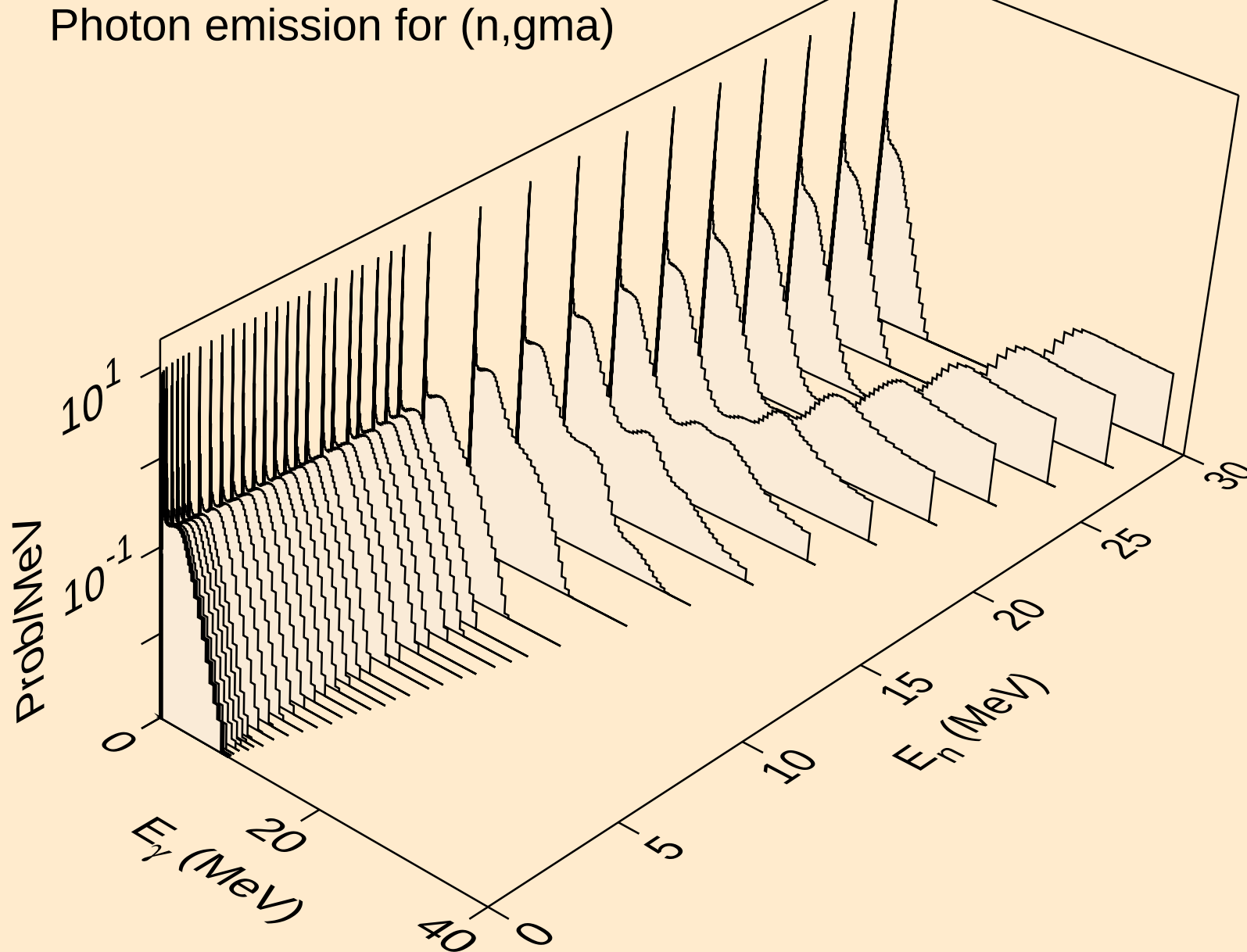
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



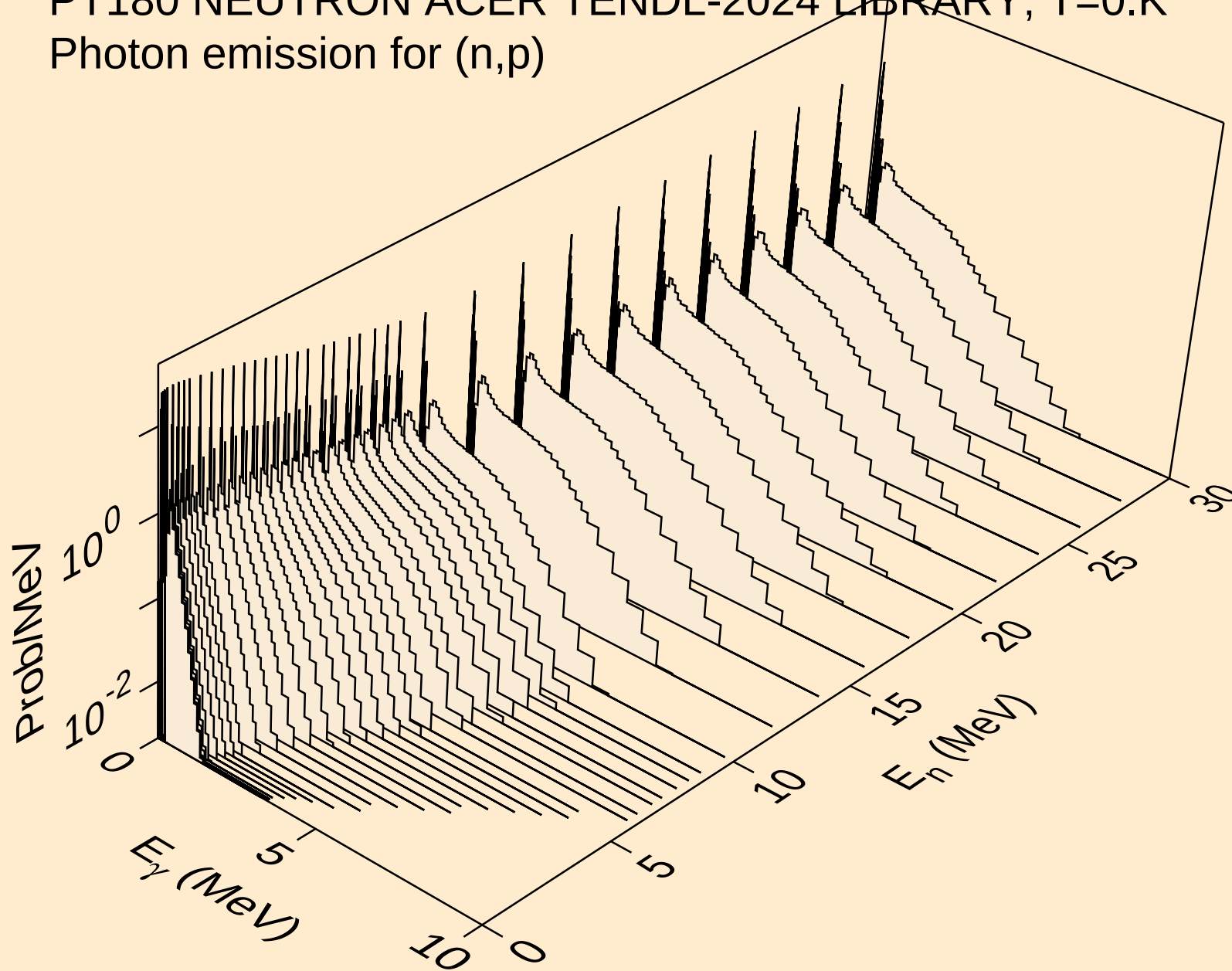
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*c)



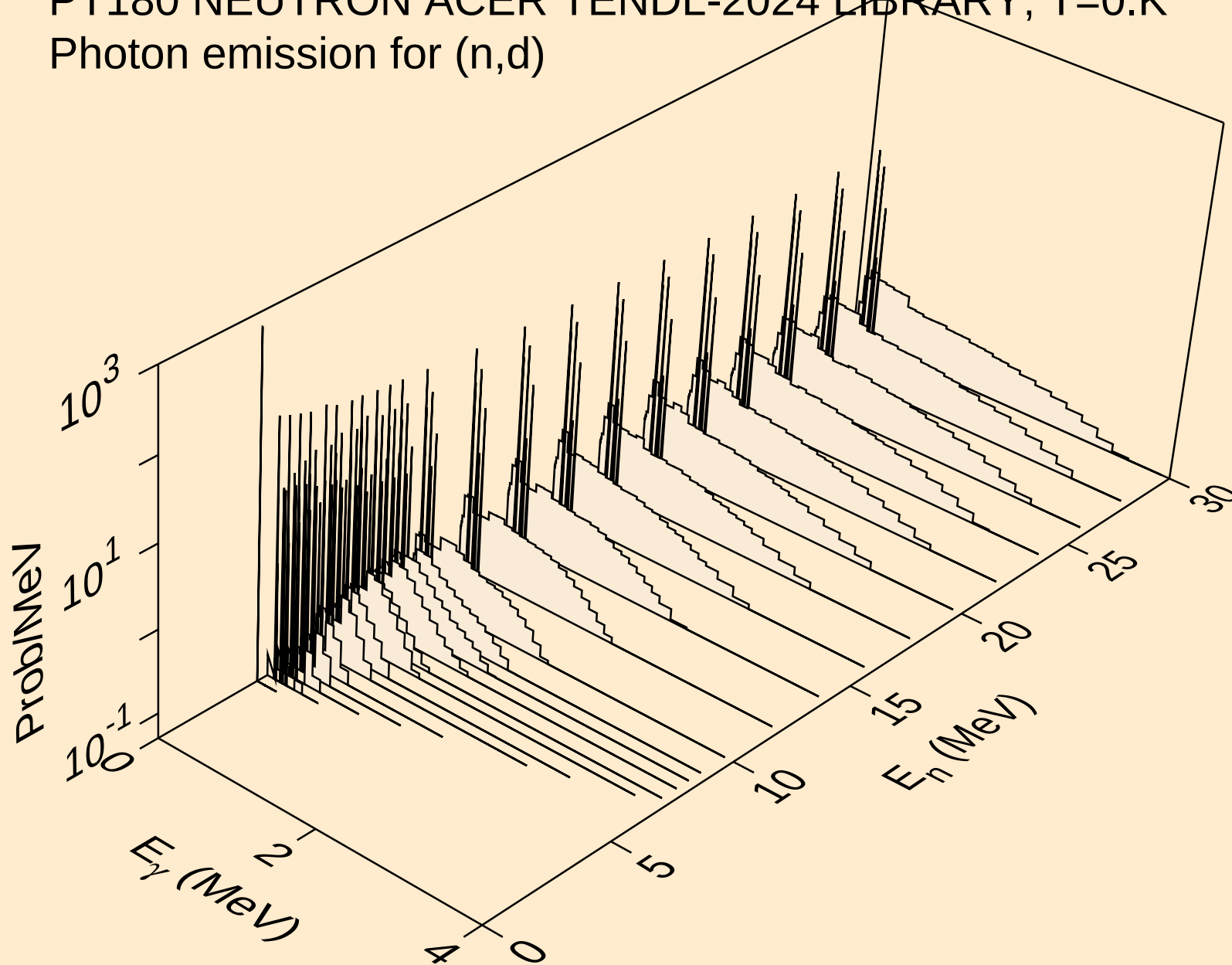
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



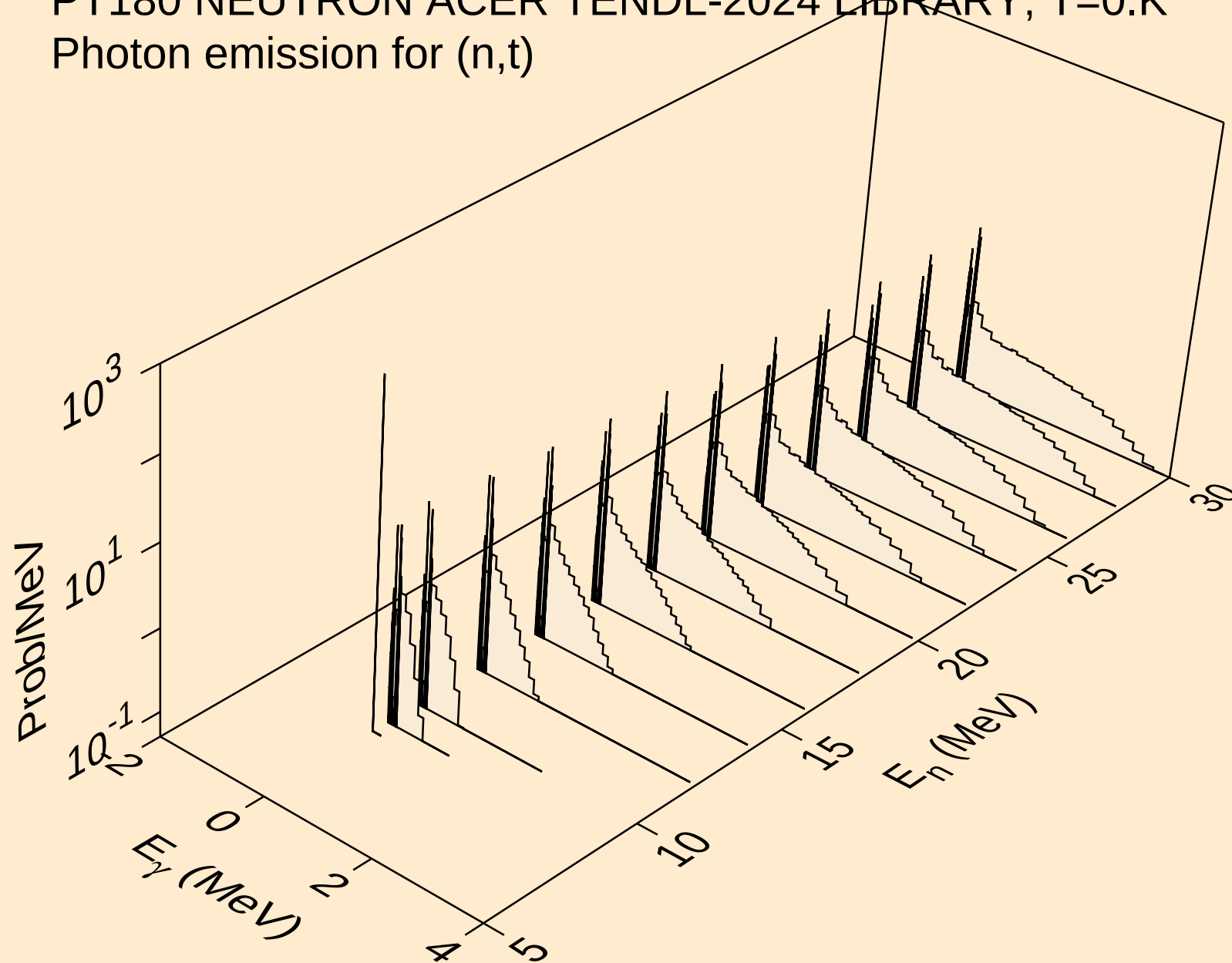
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



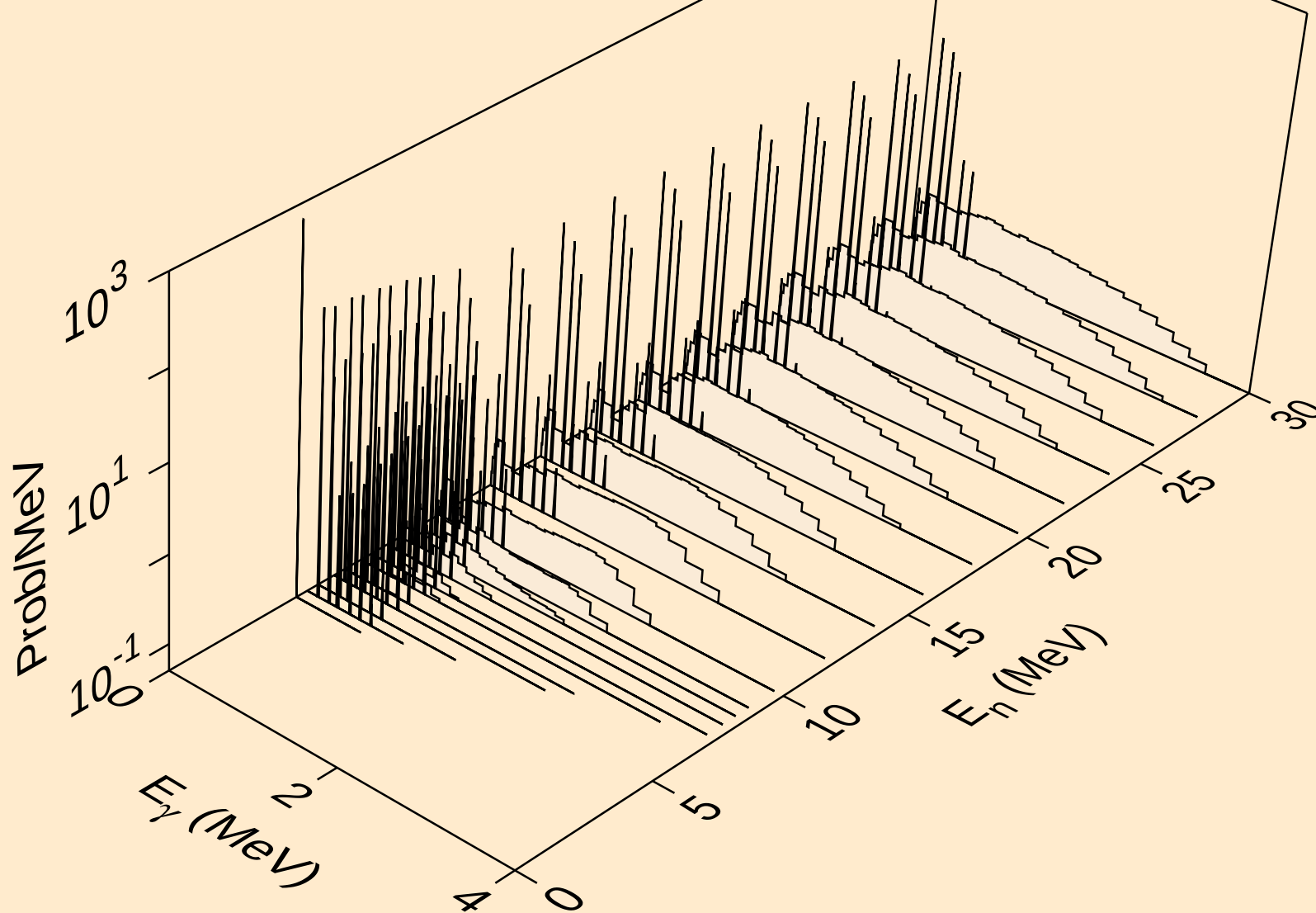
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



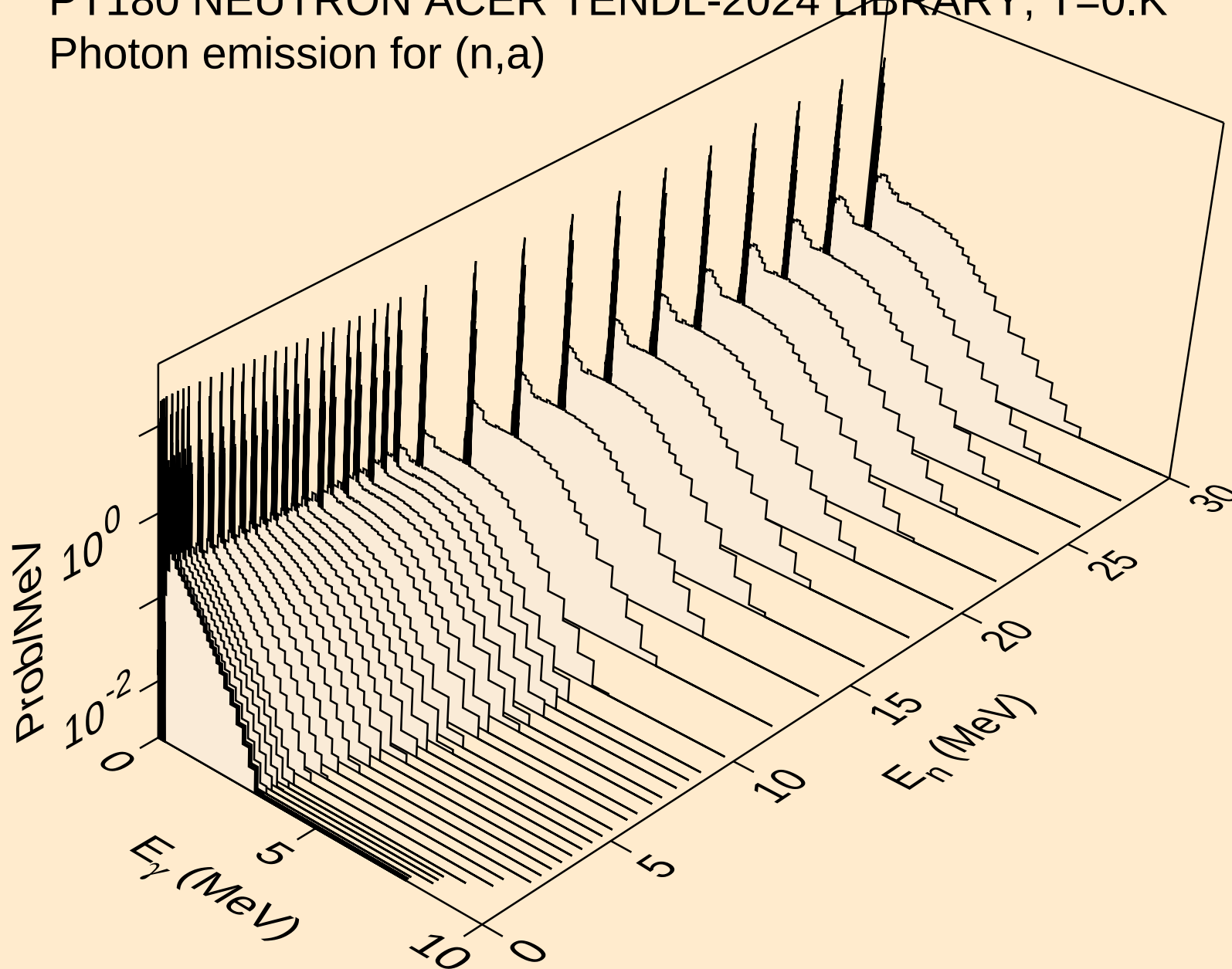
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



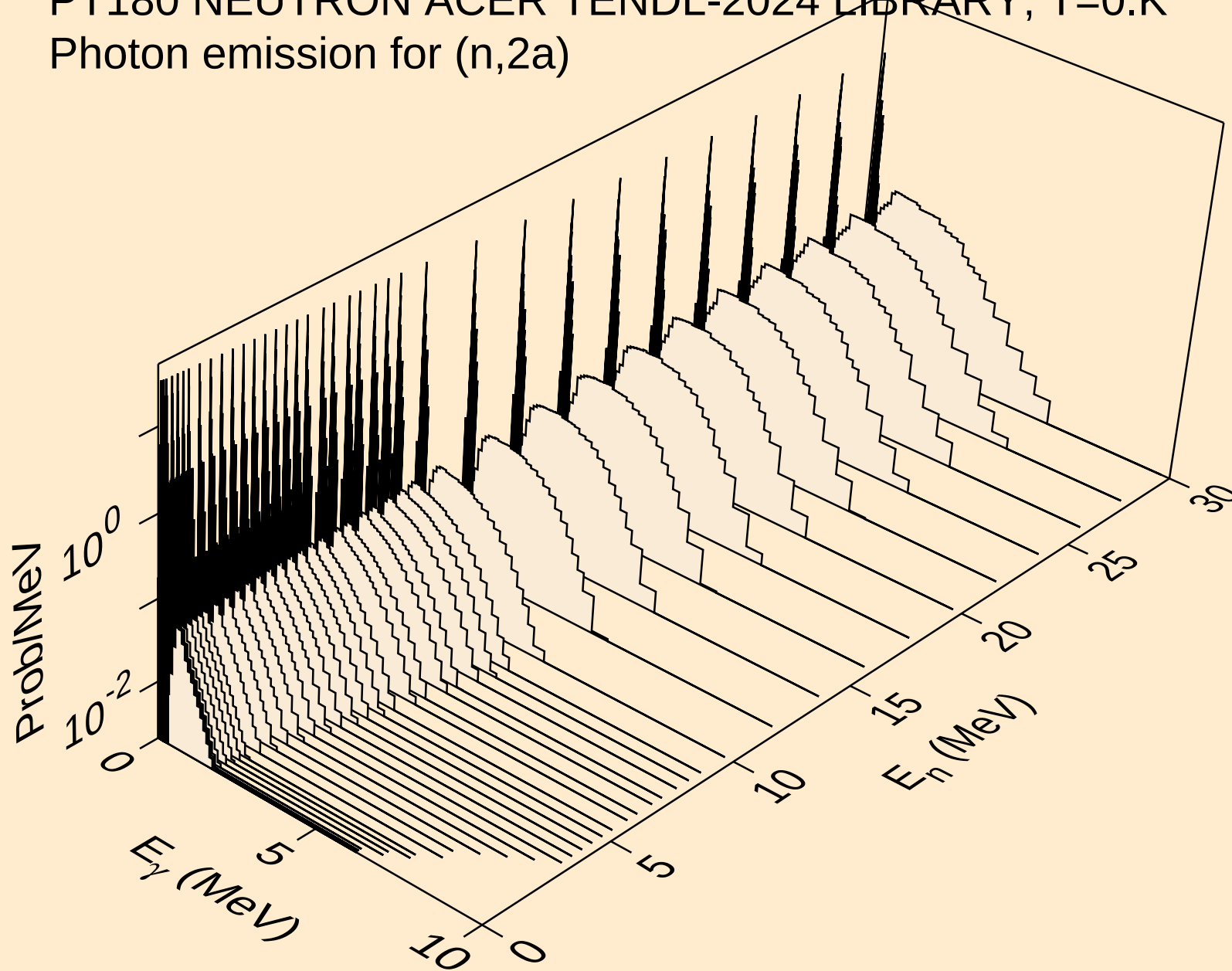
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



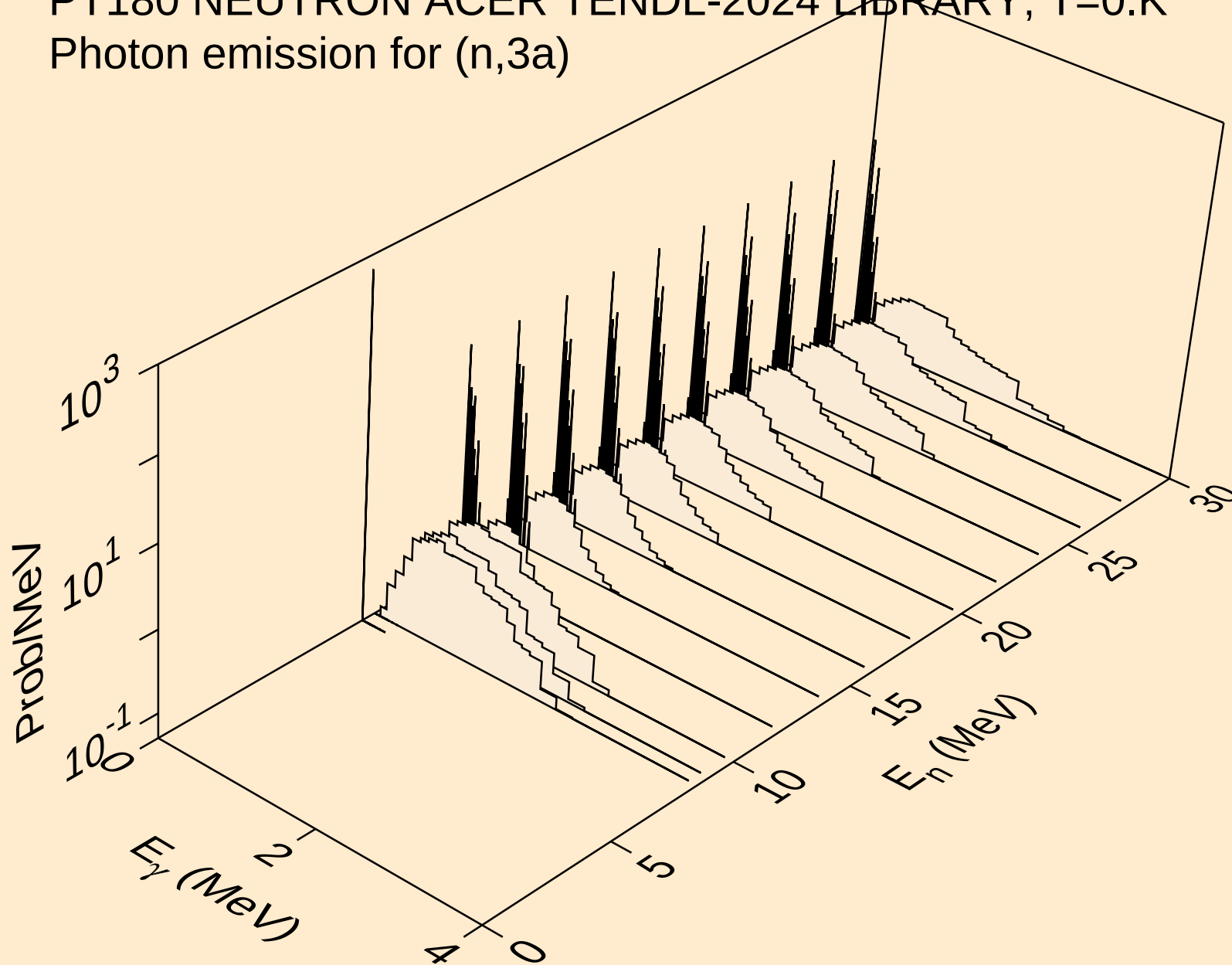
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



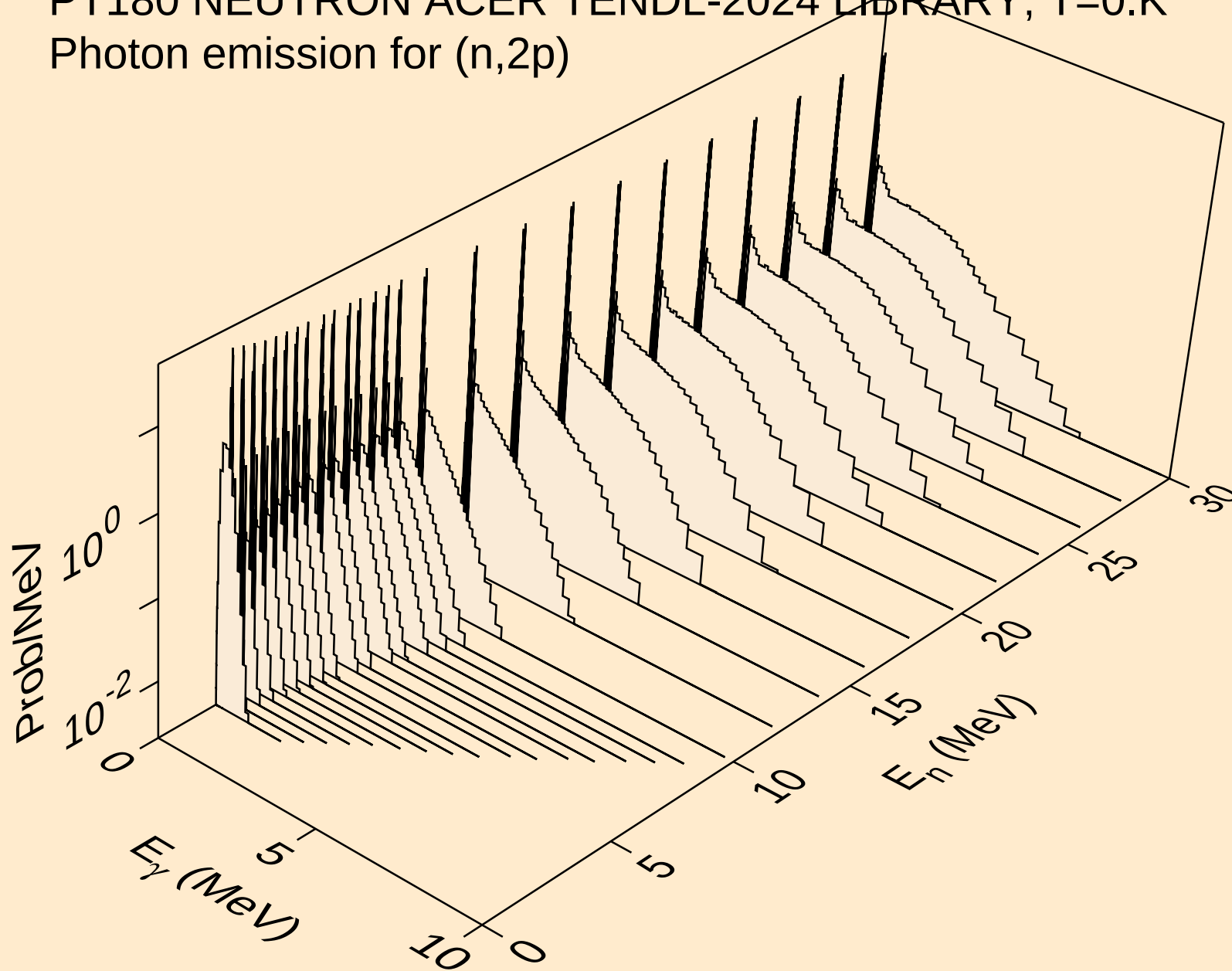
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



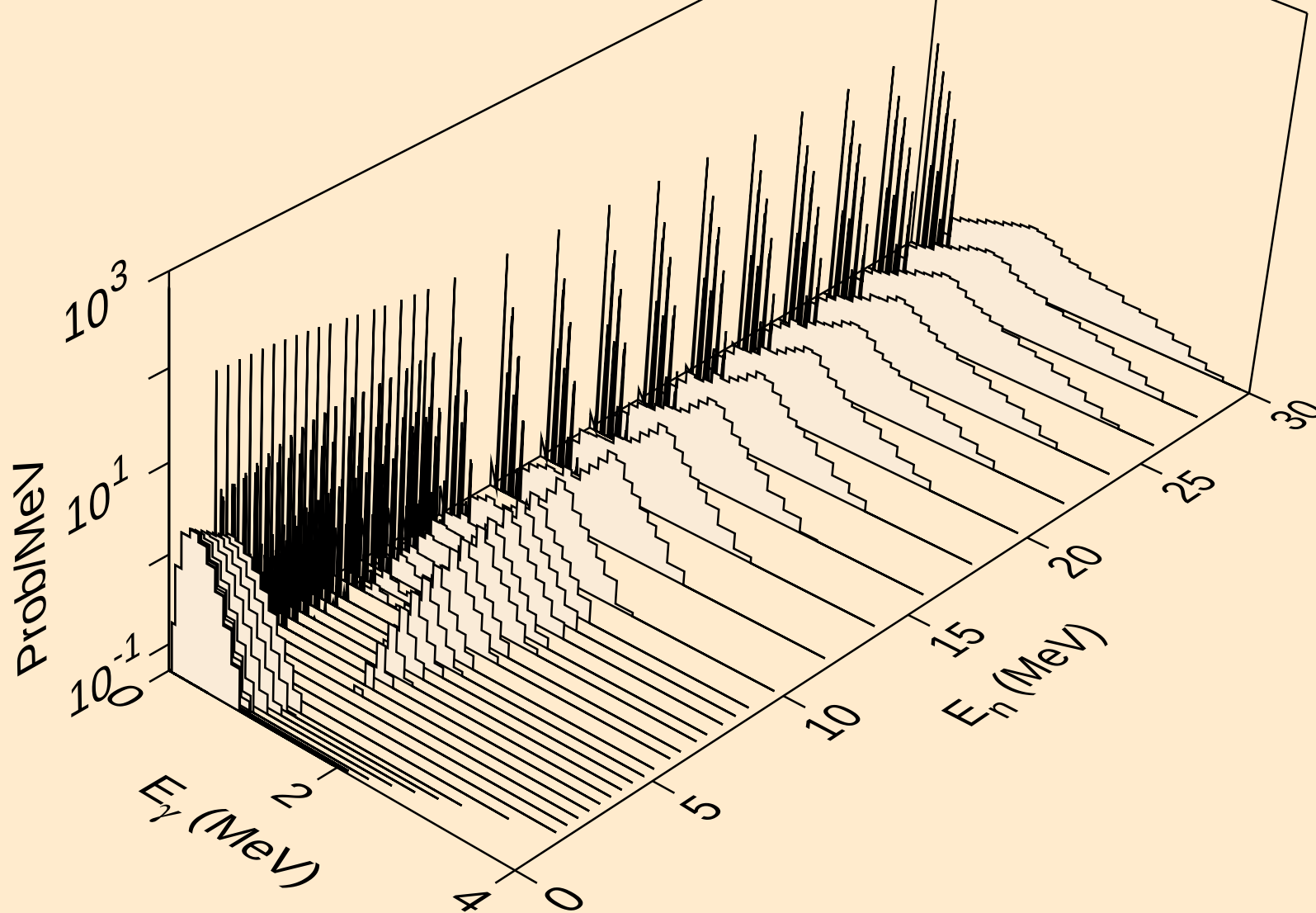
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3a)



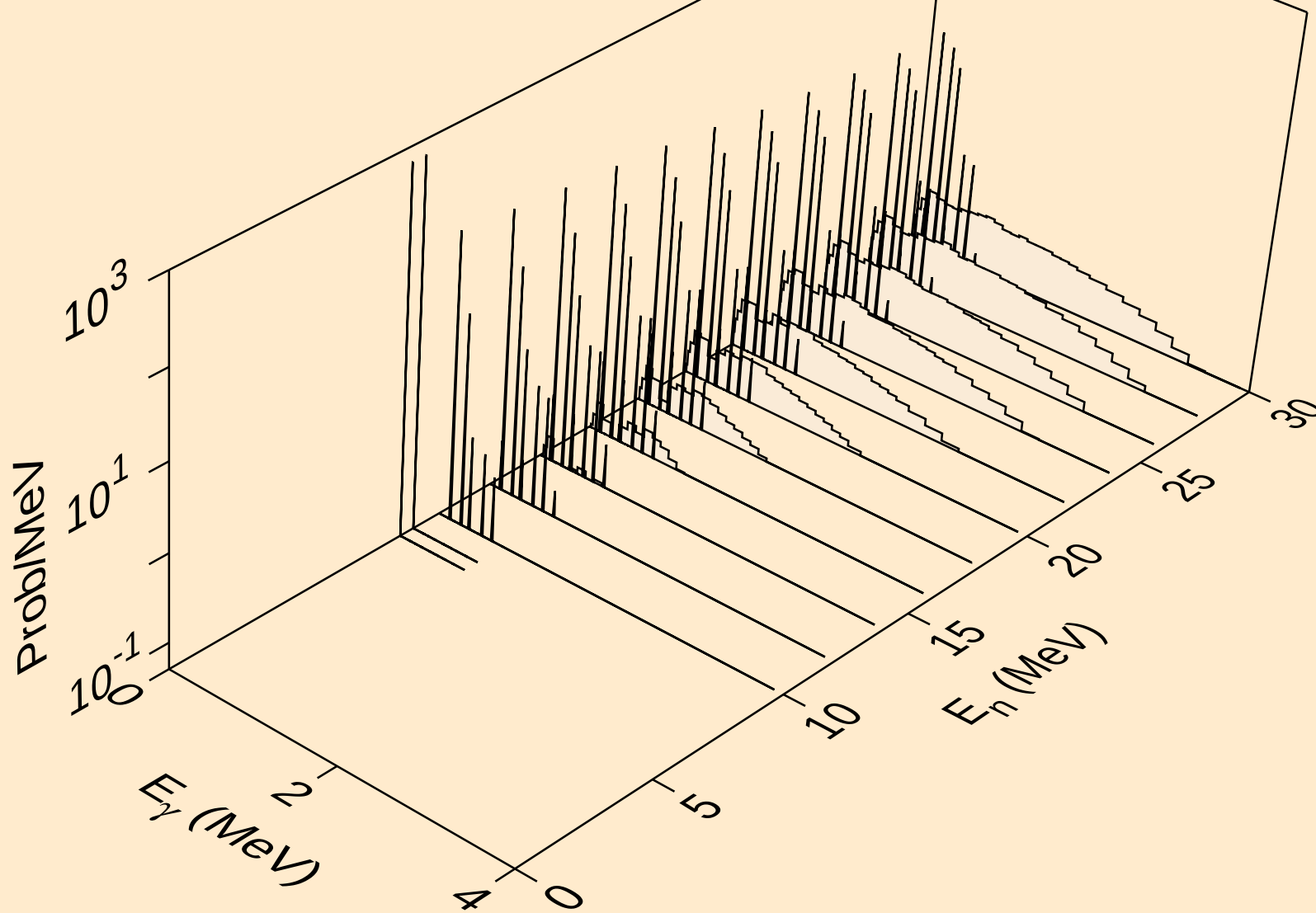
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



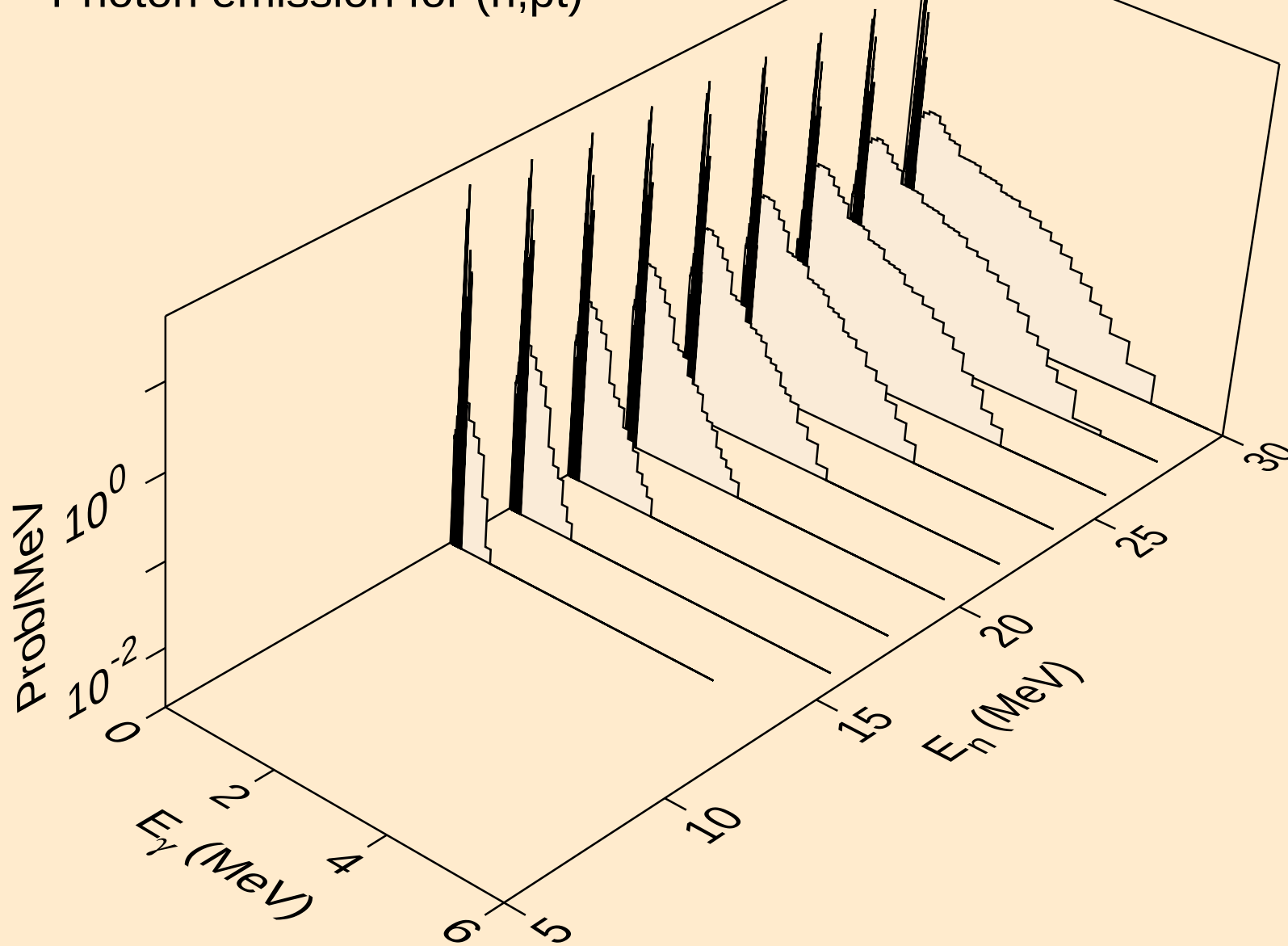
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p α)



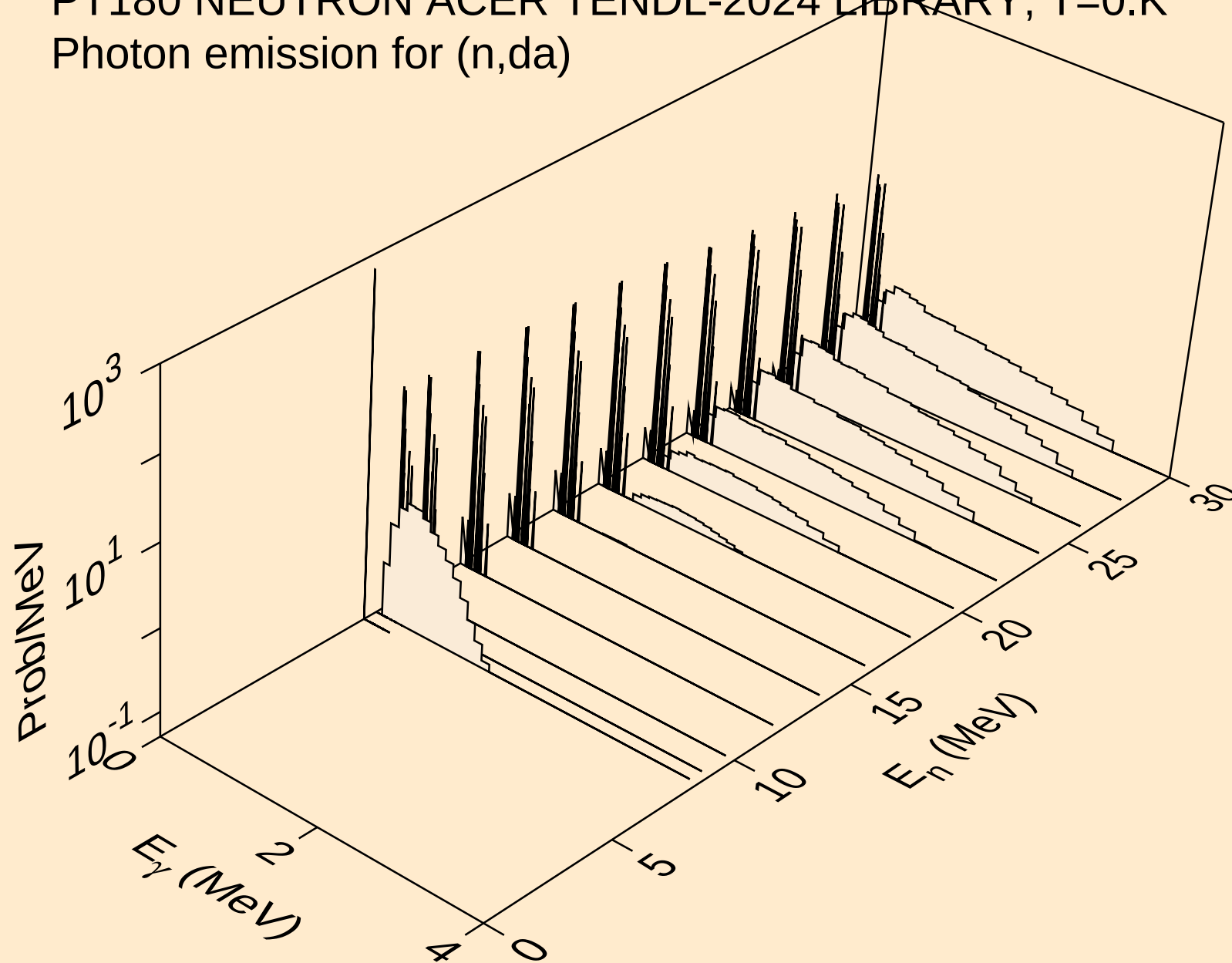
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



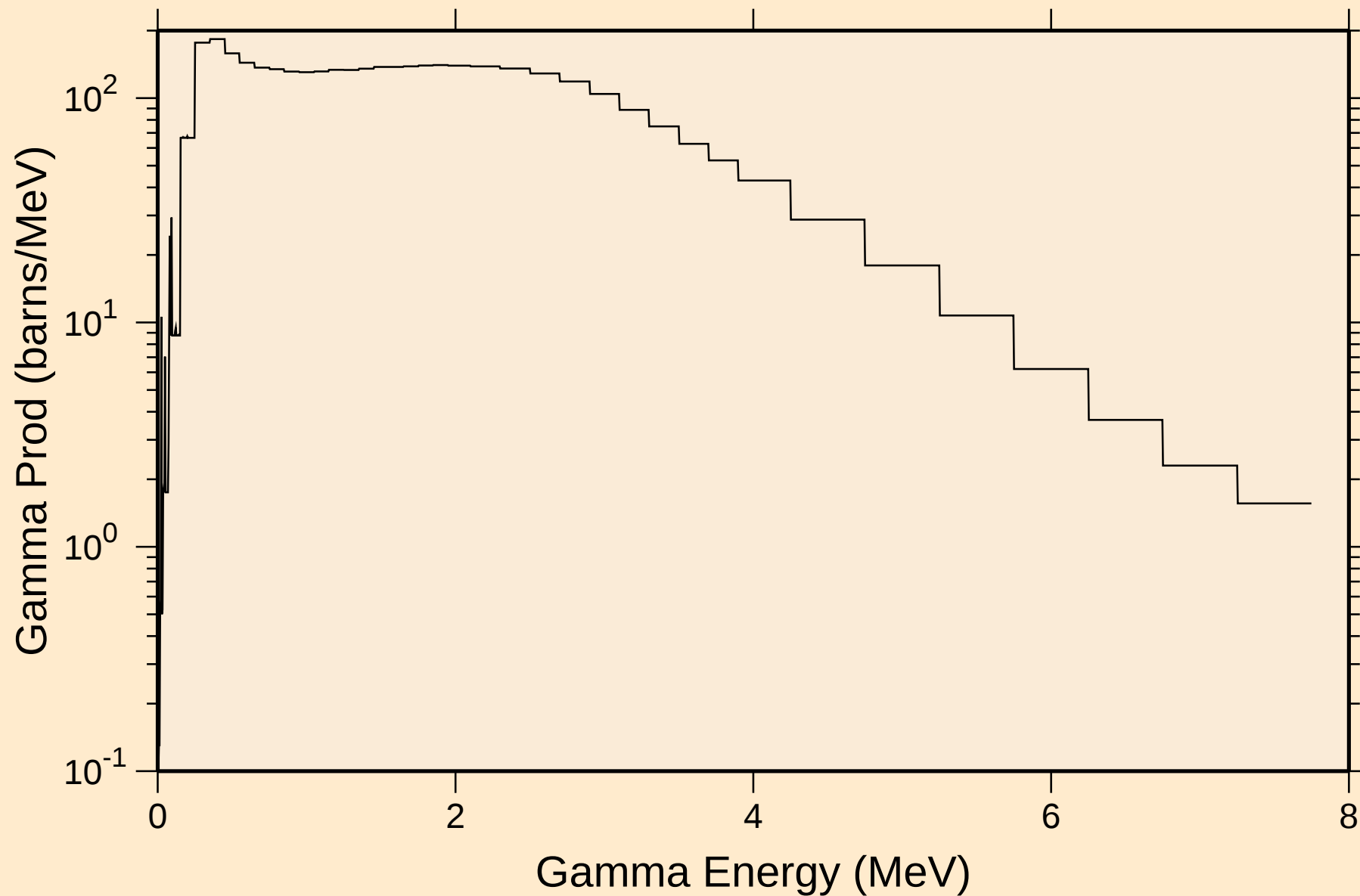
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



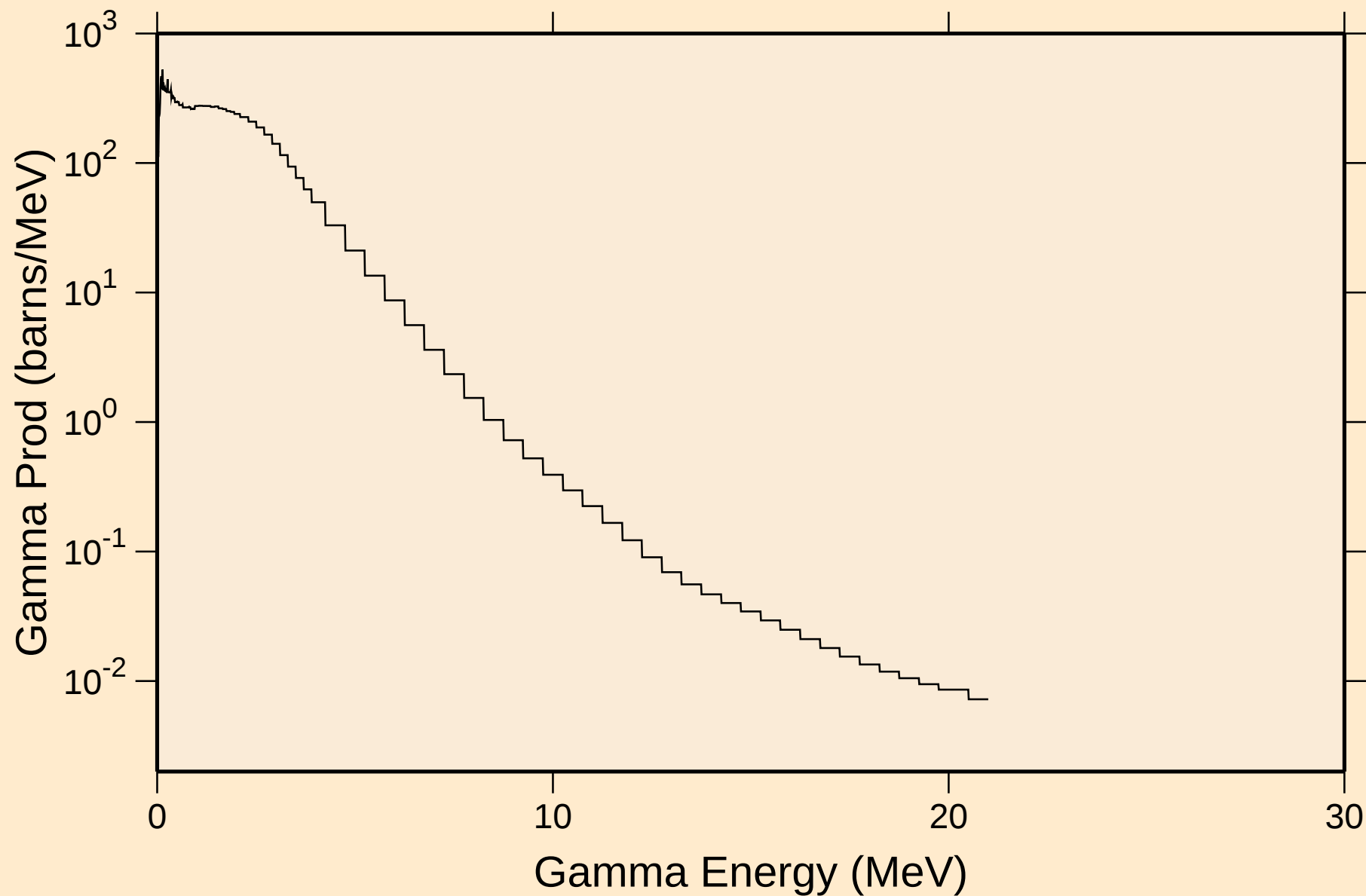
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



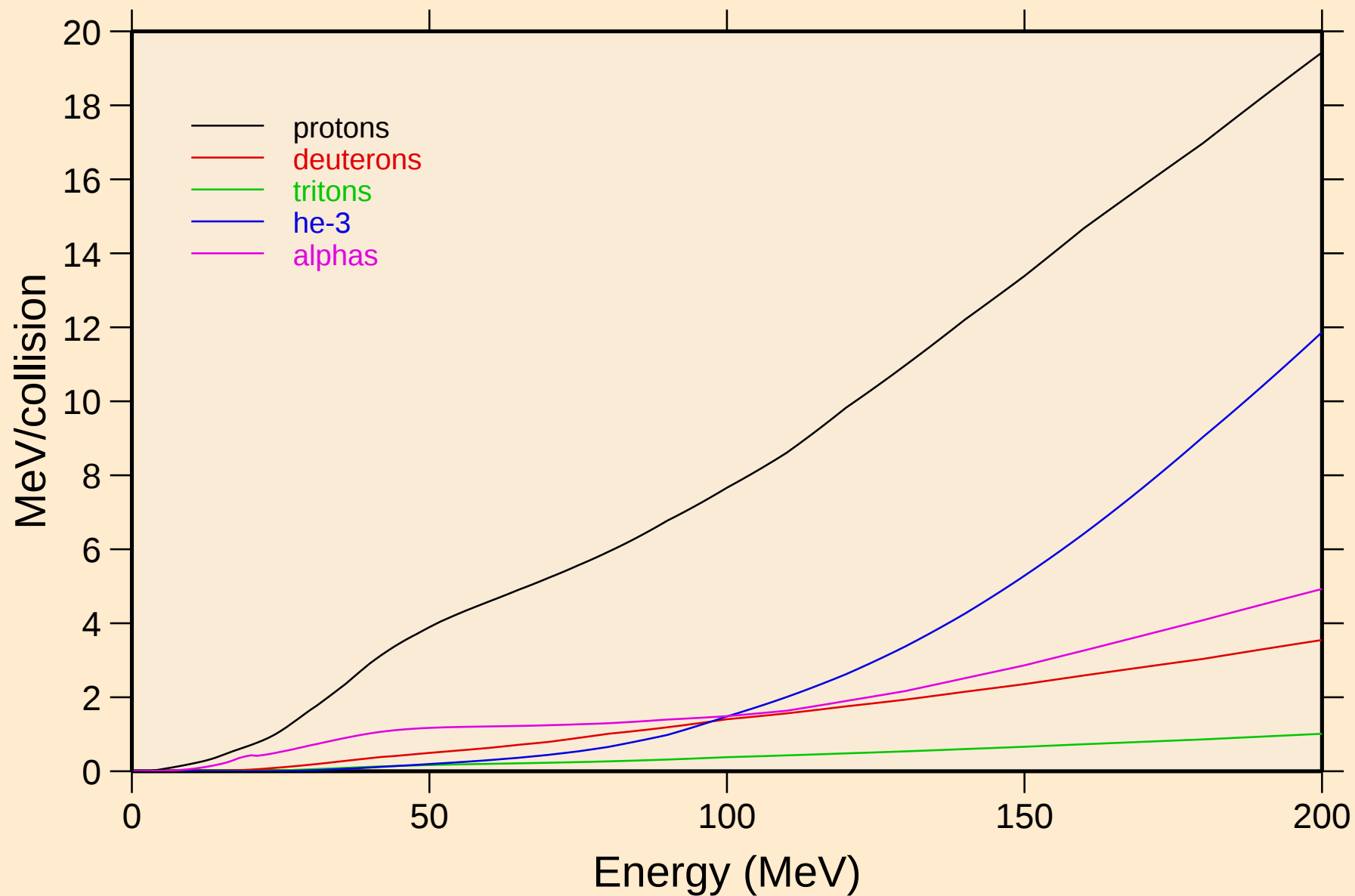
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum



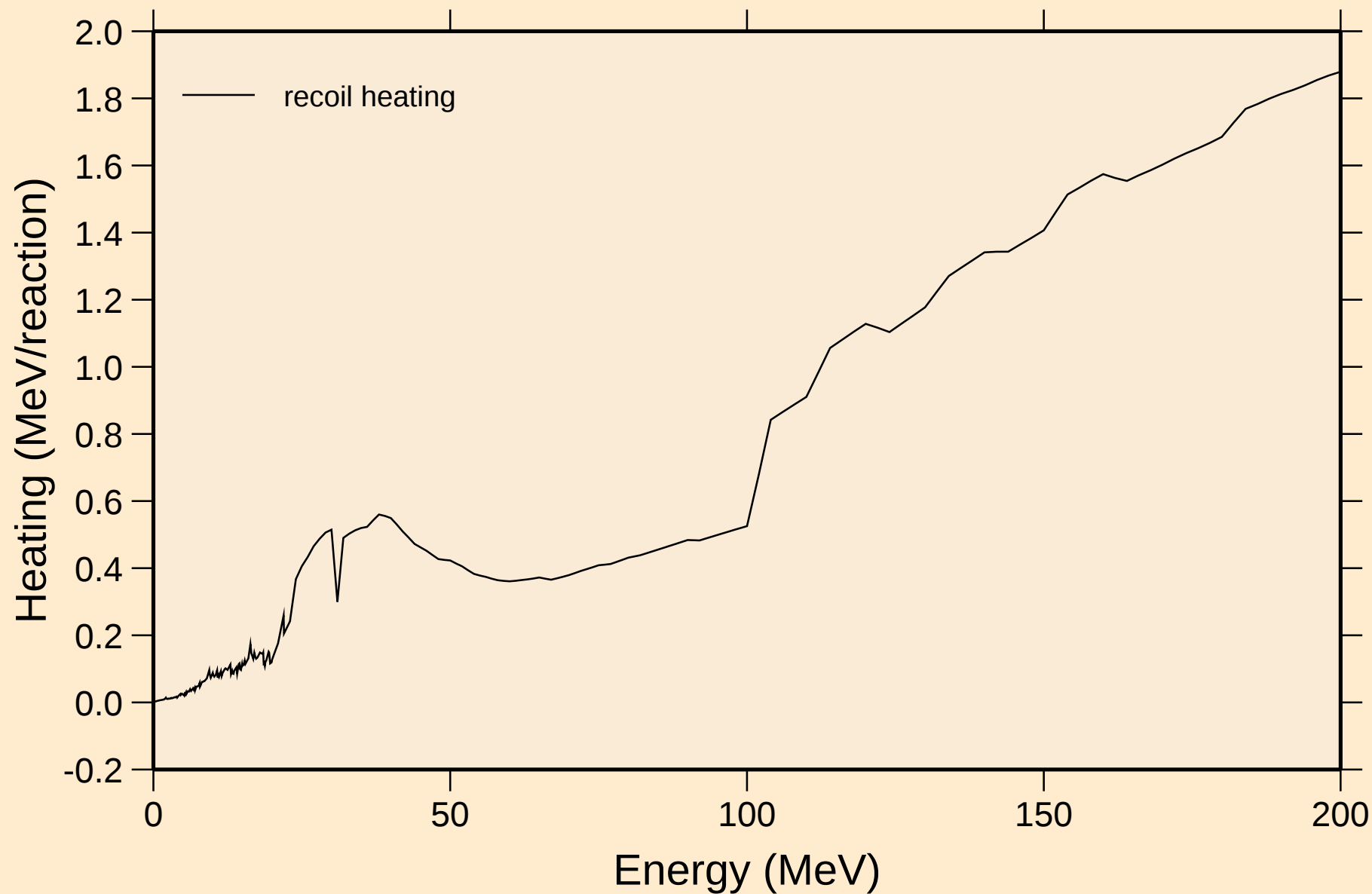
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum



PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Particle heating contributions

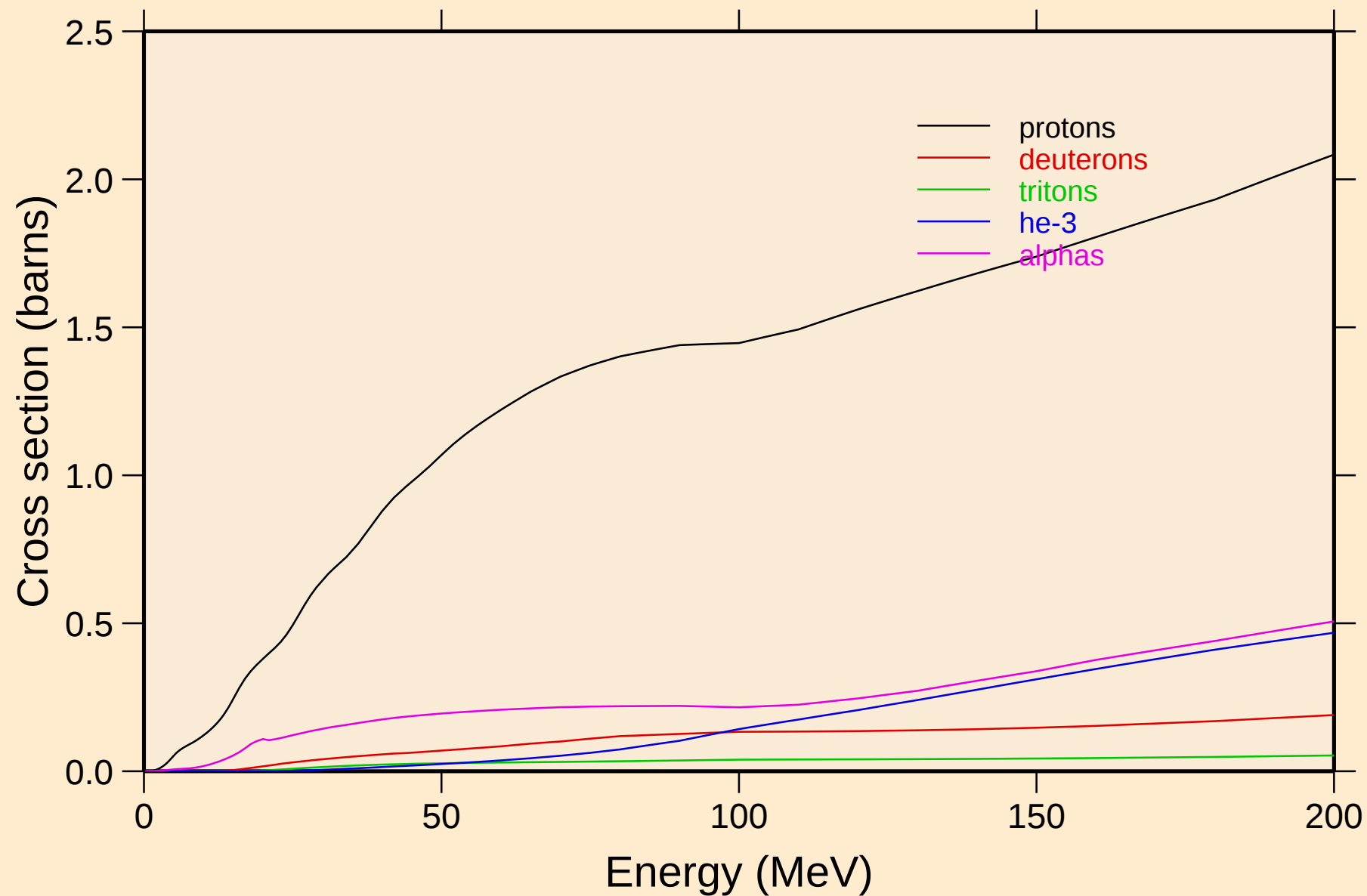


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating

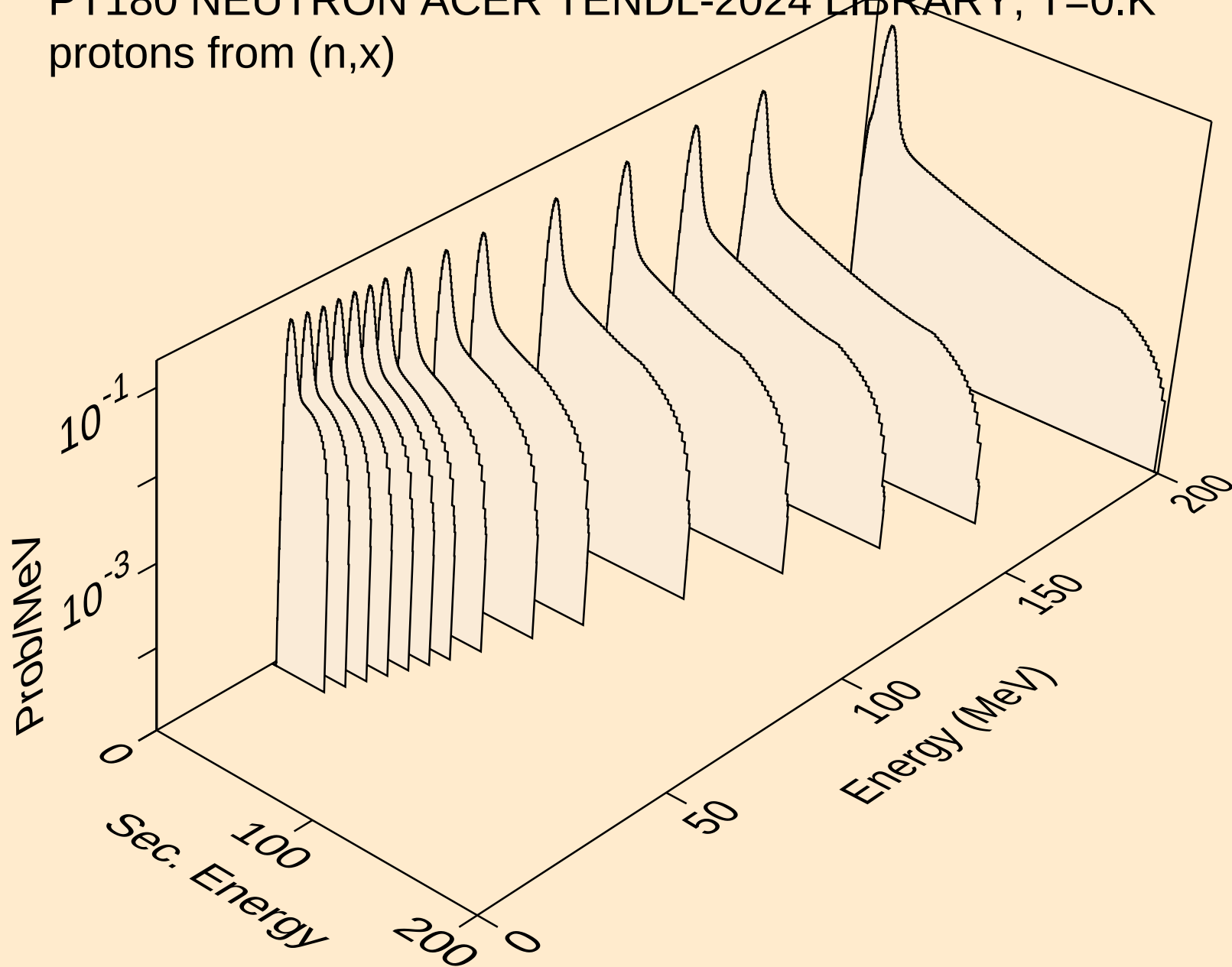


PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

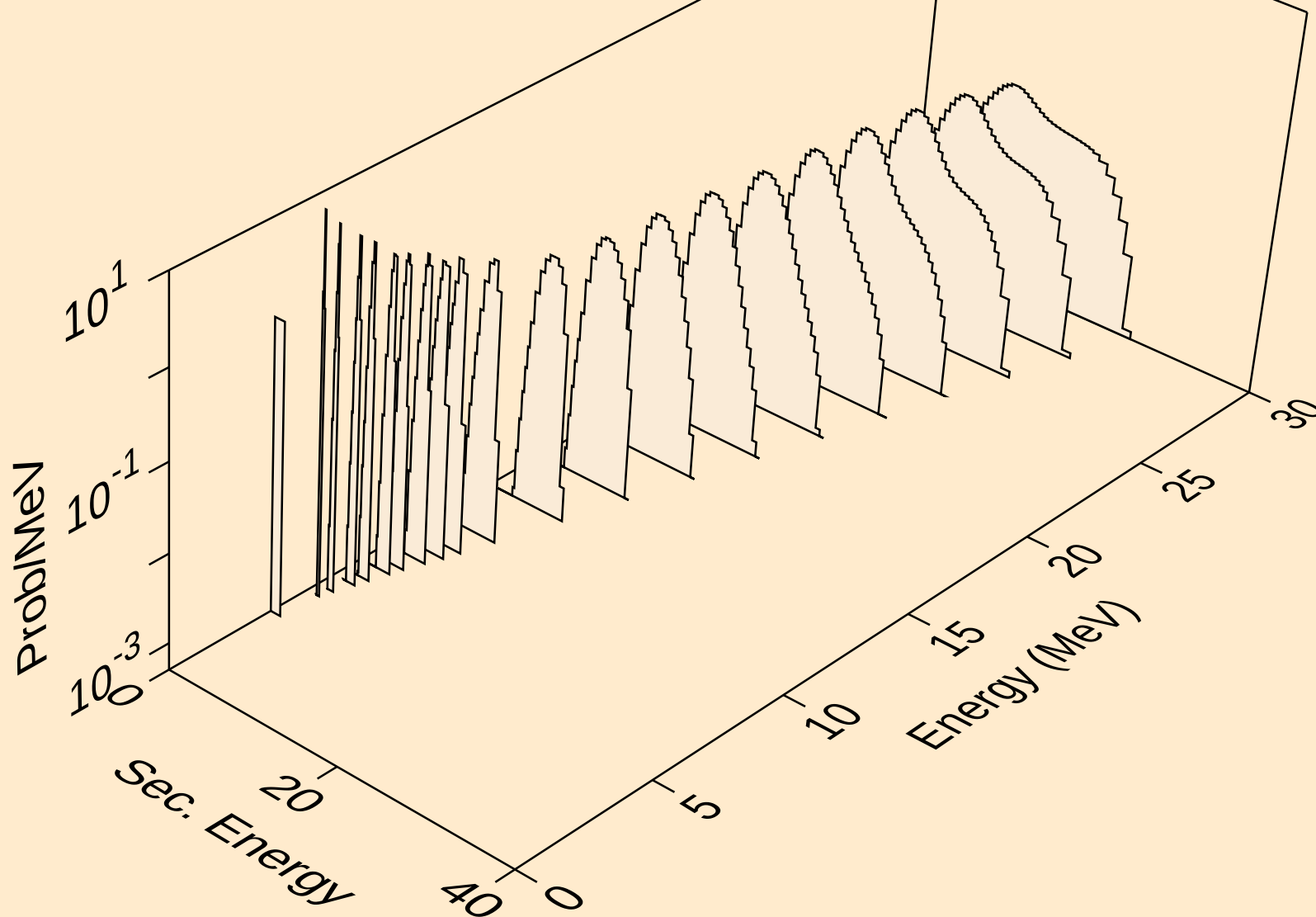
Particle production cross sections



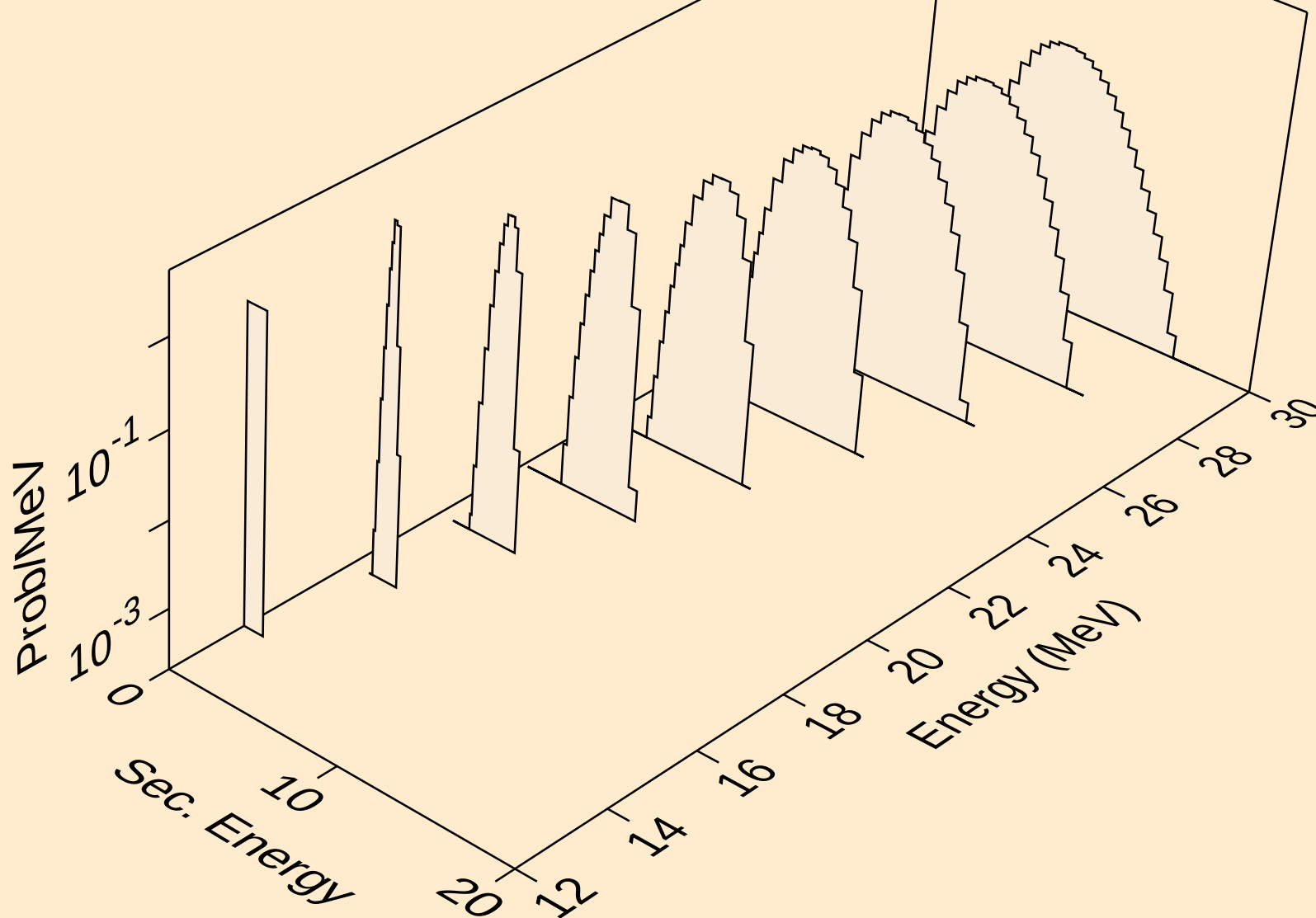
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



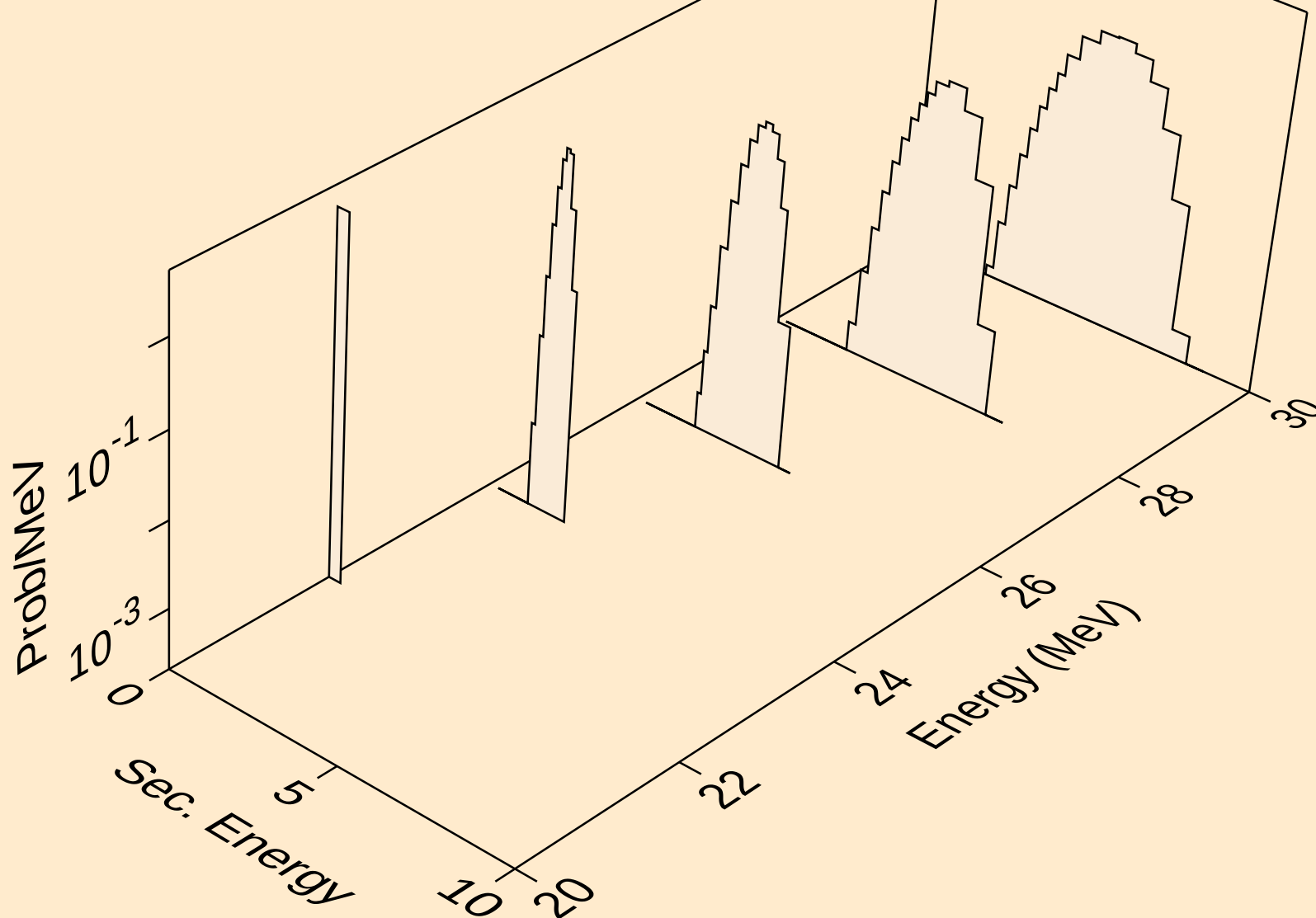
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



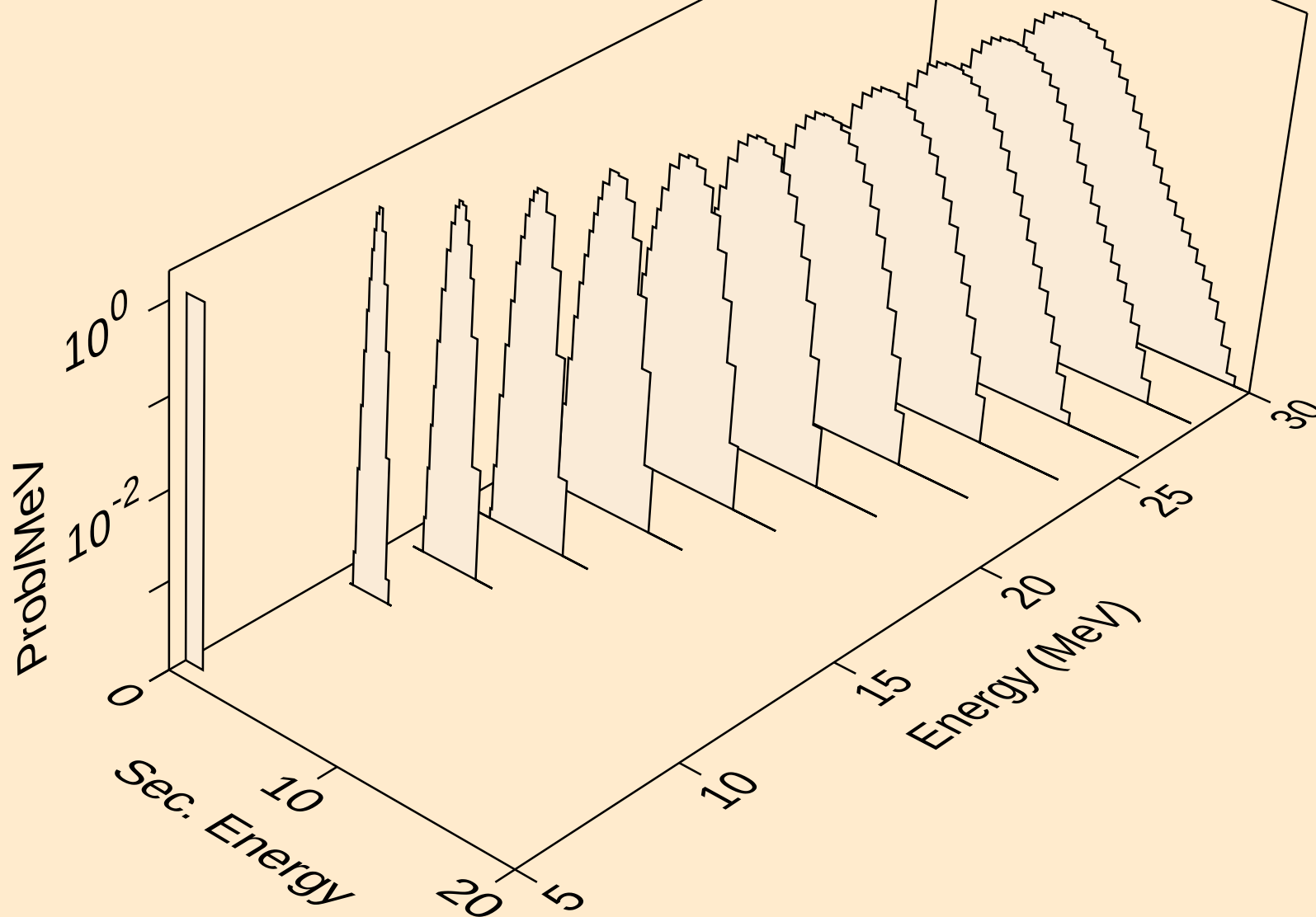
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



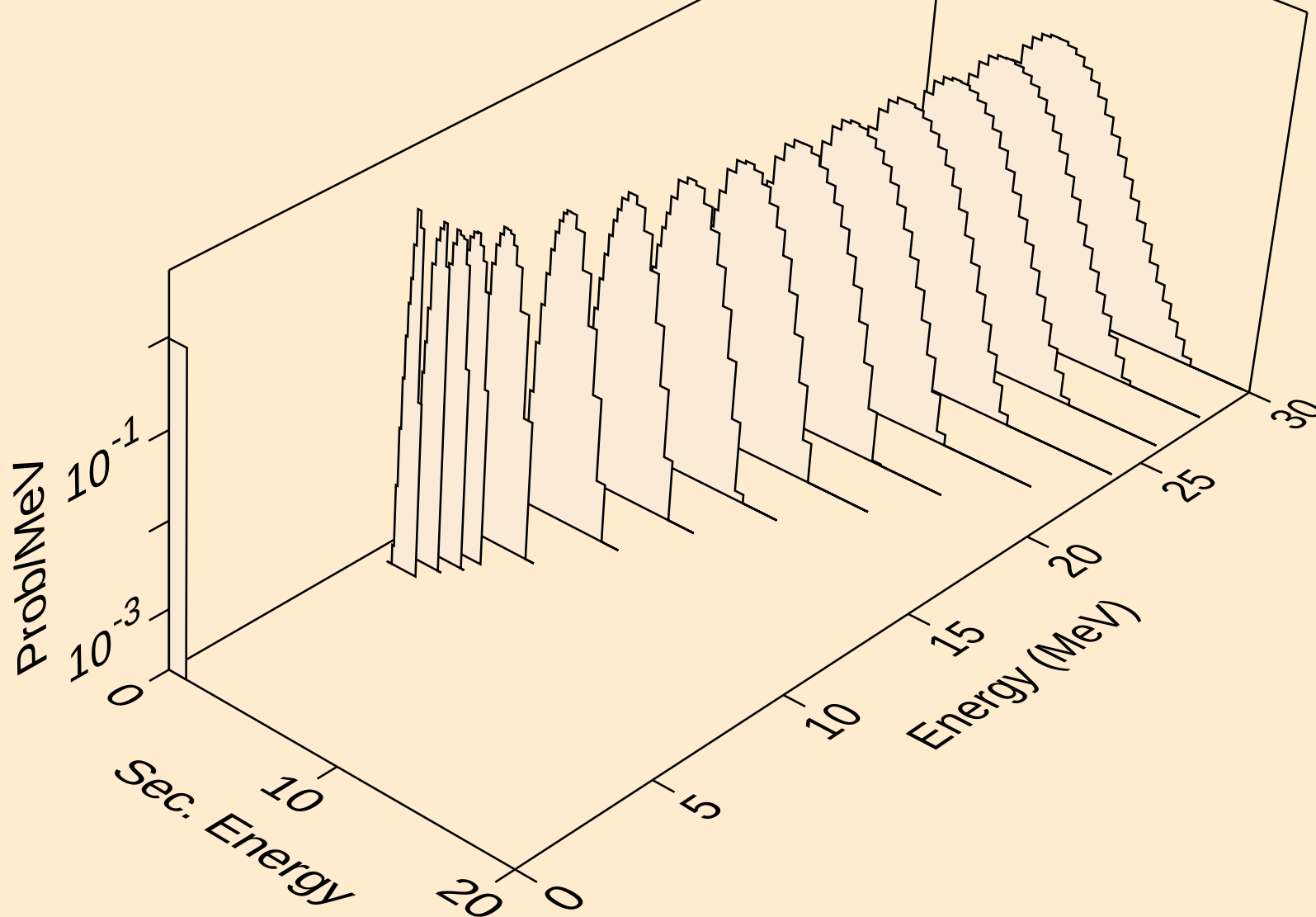
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,3np)



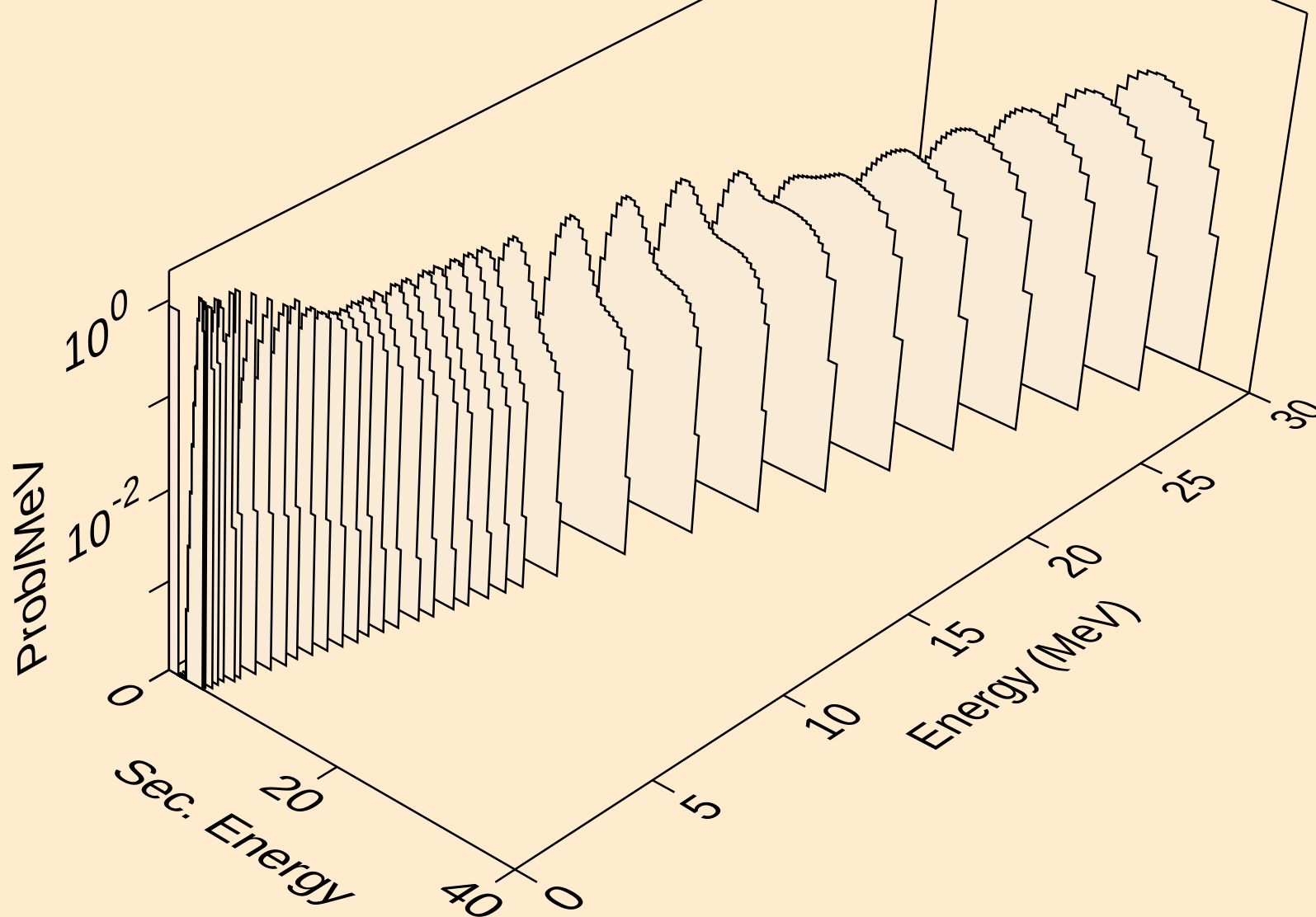
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n2p)



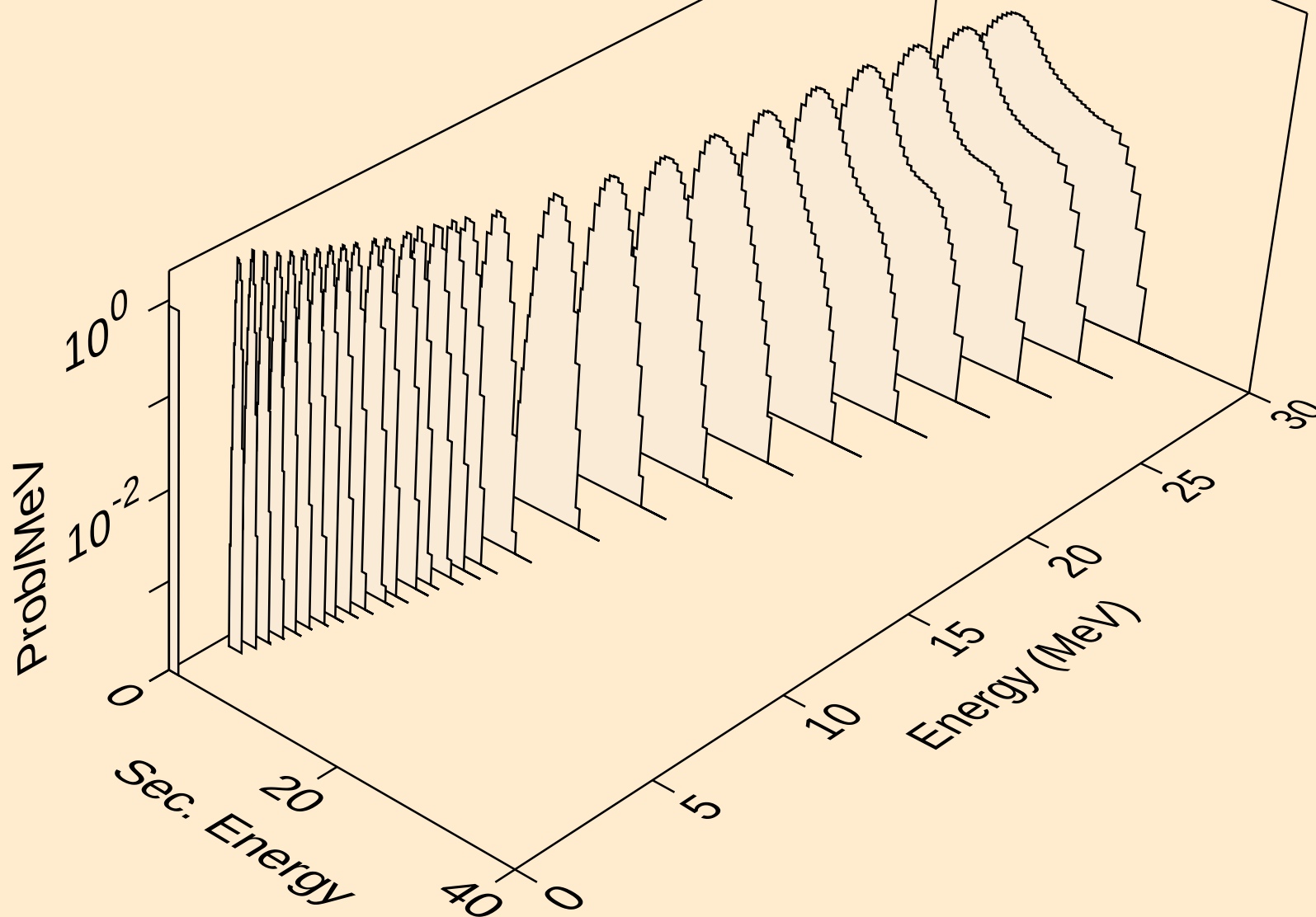
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,npa)



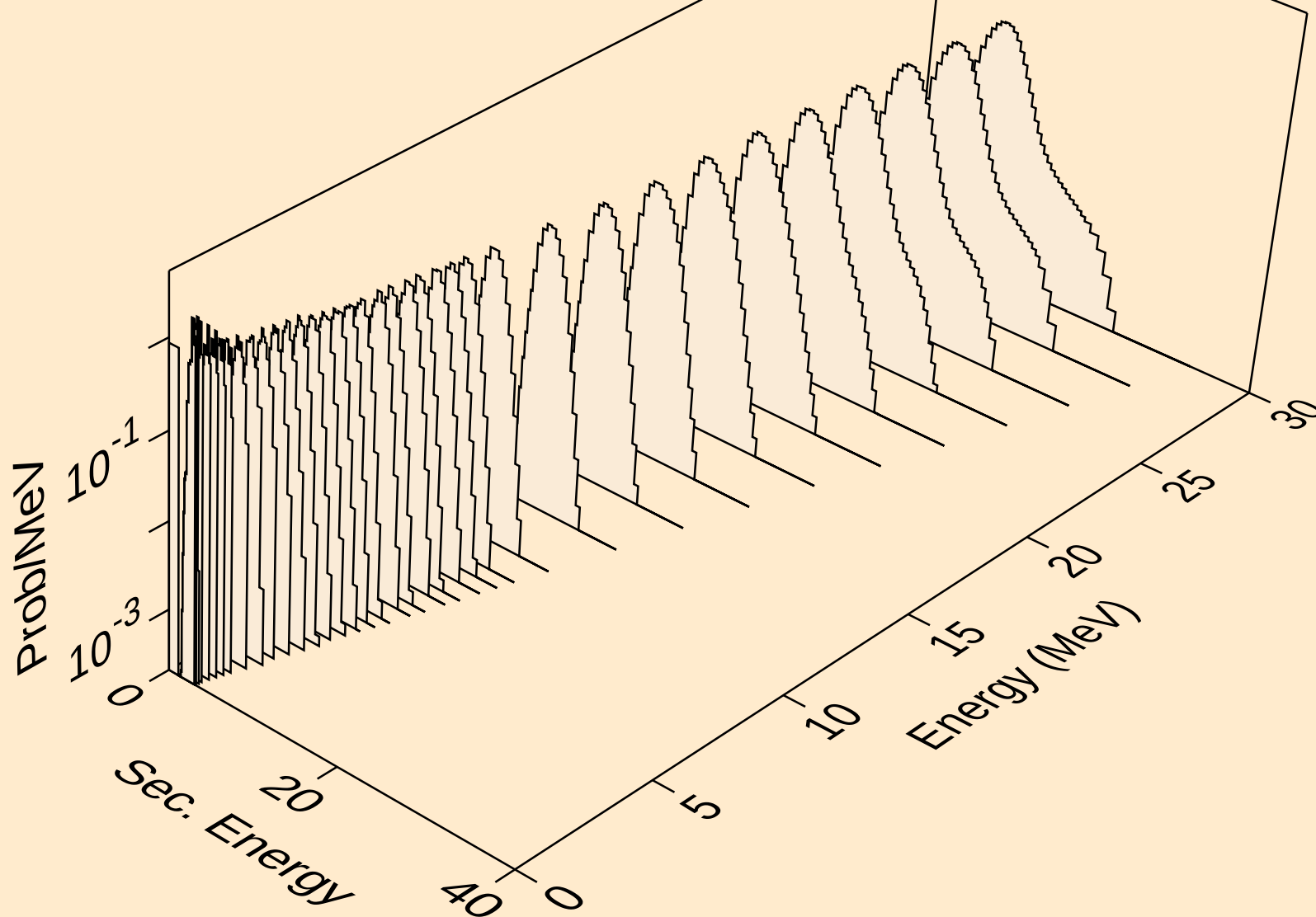
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



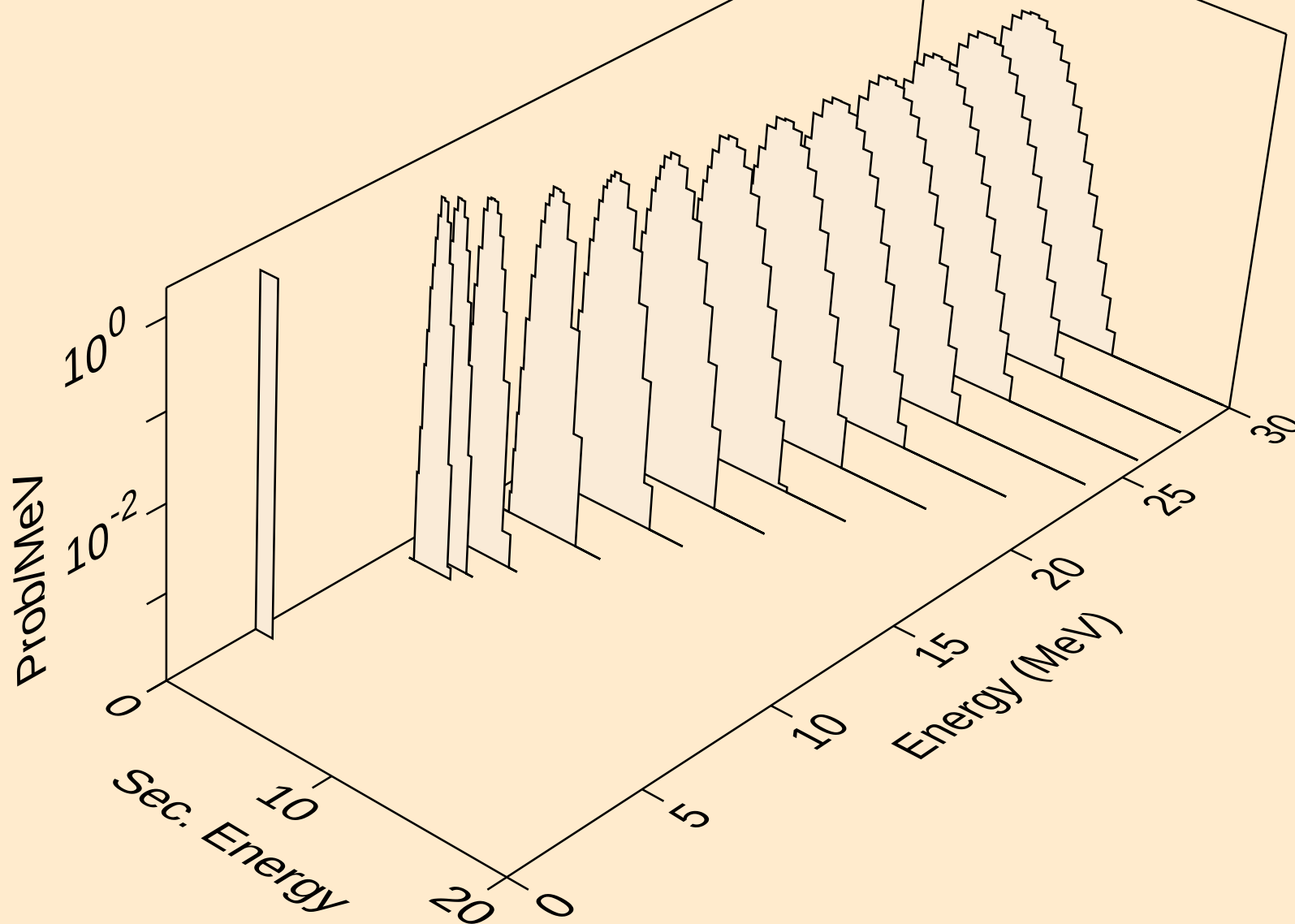
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2p)



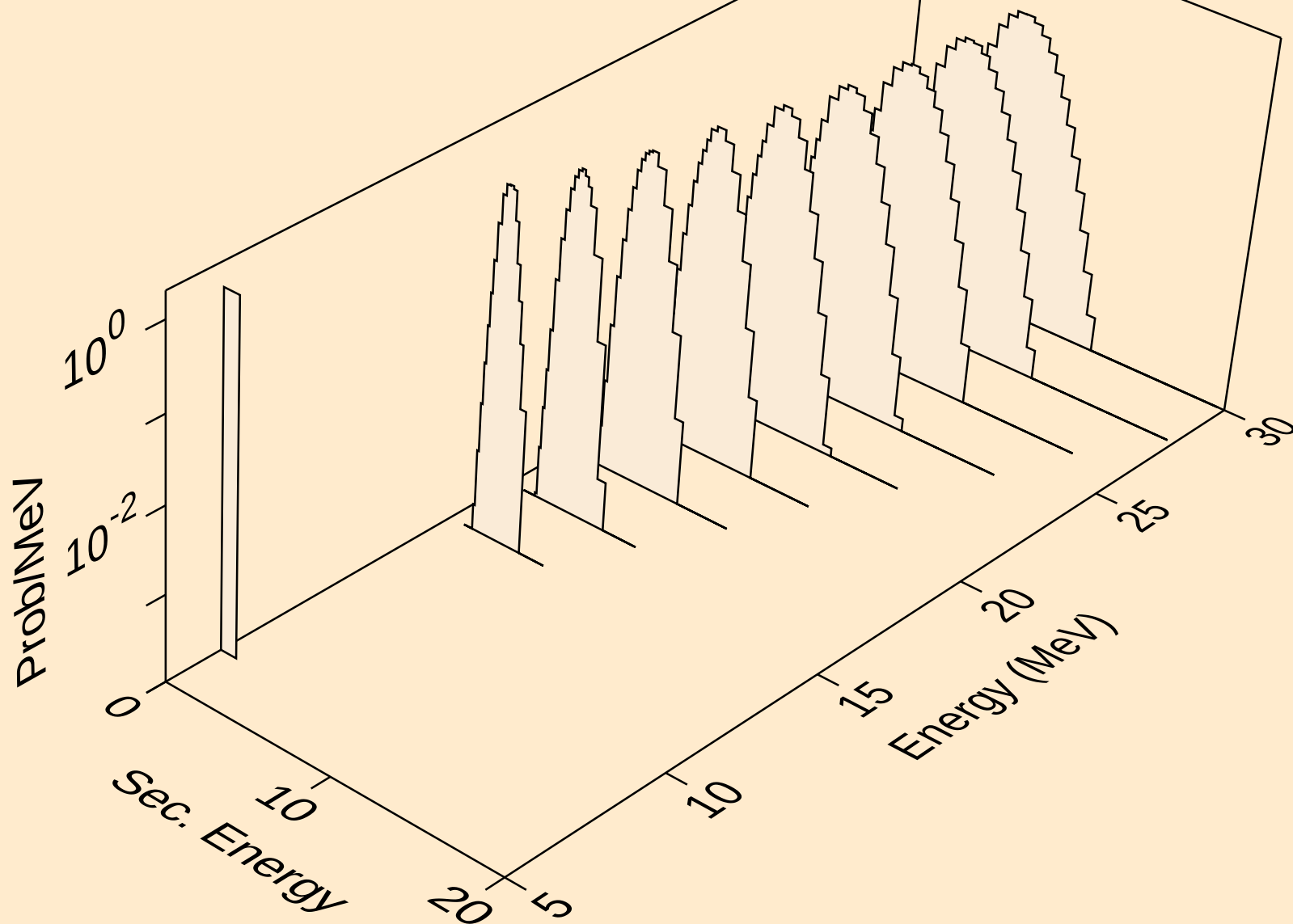
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



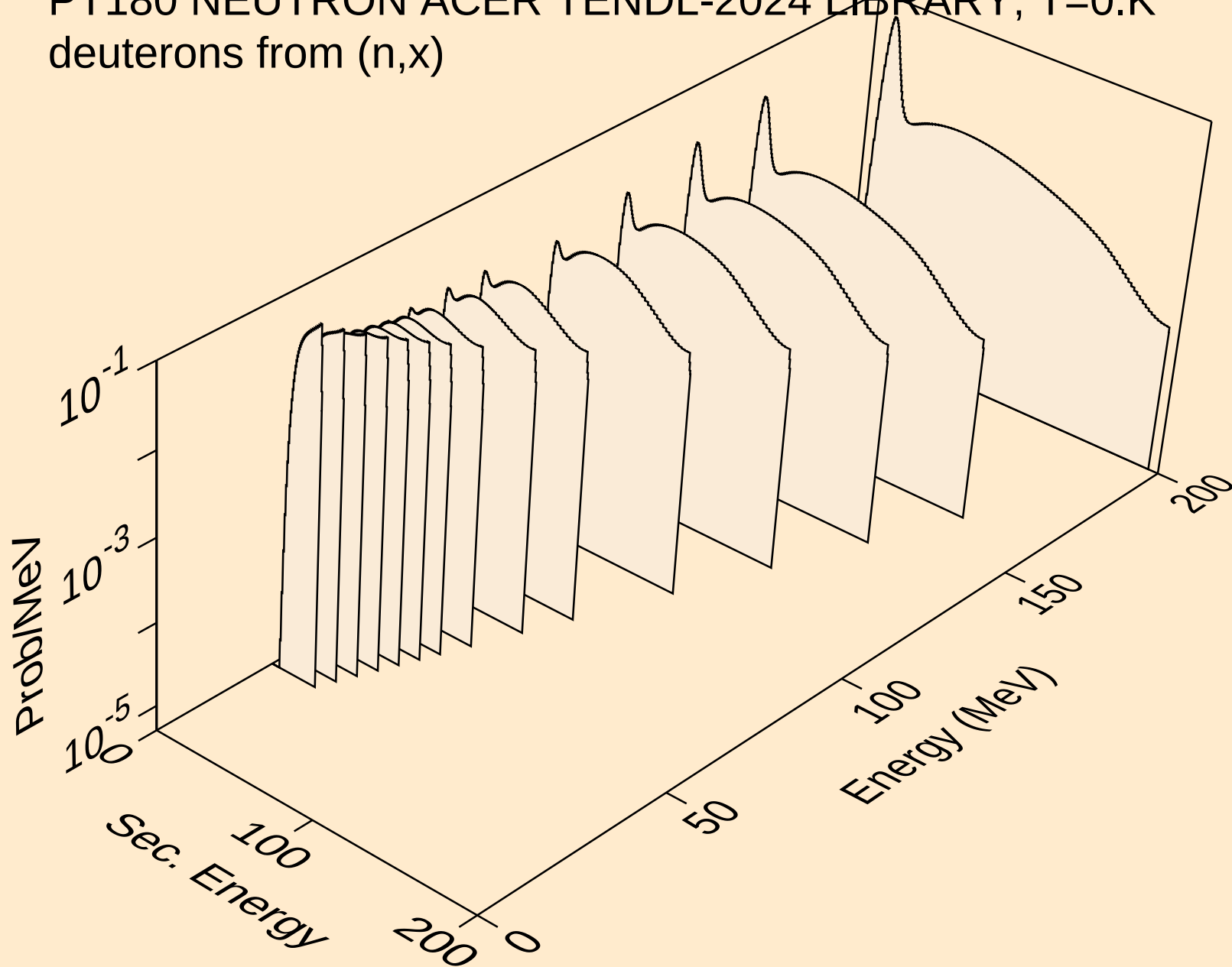
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pd)



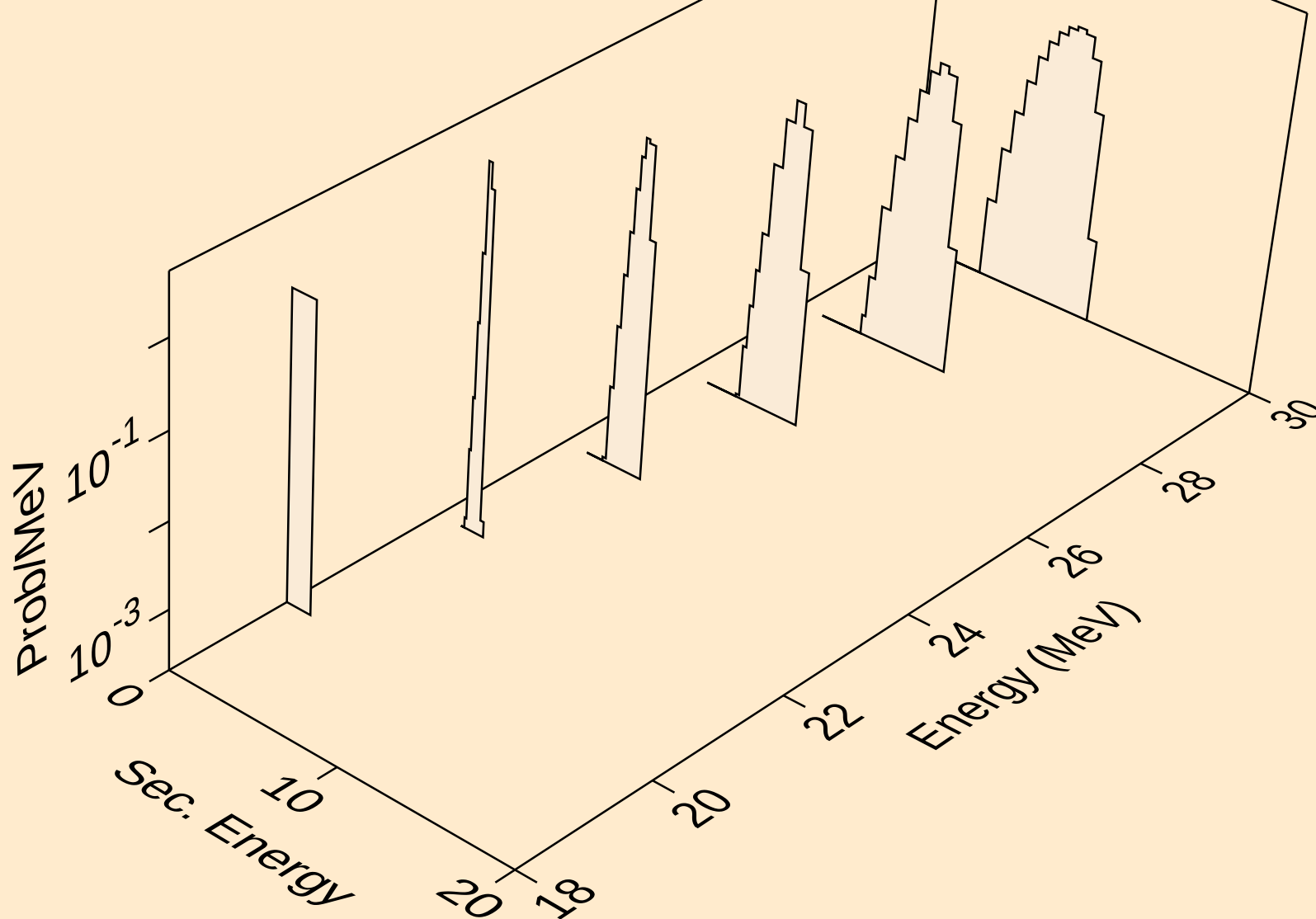
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pt)



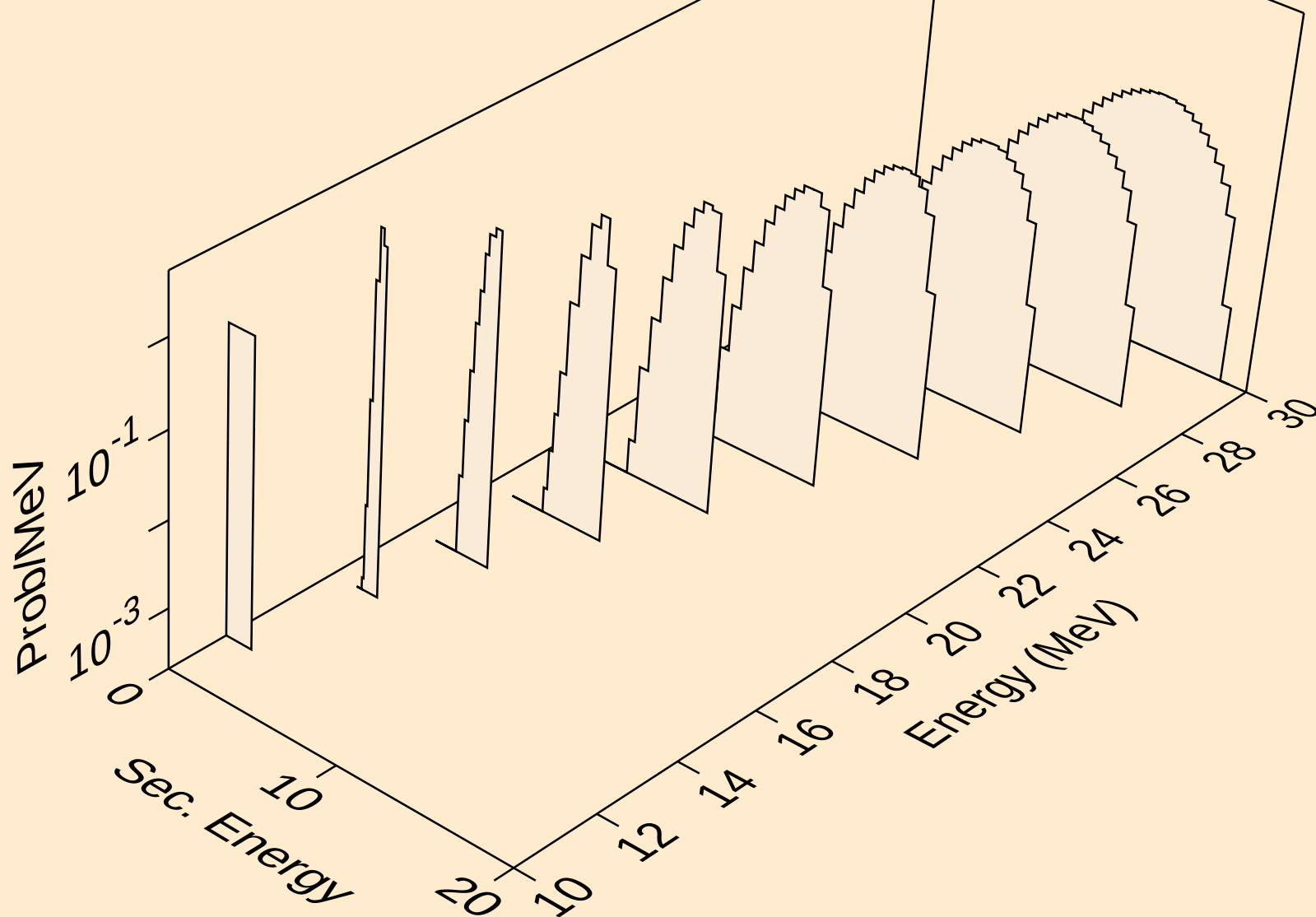
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



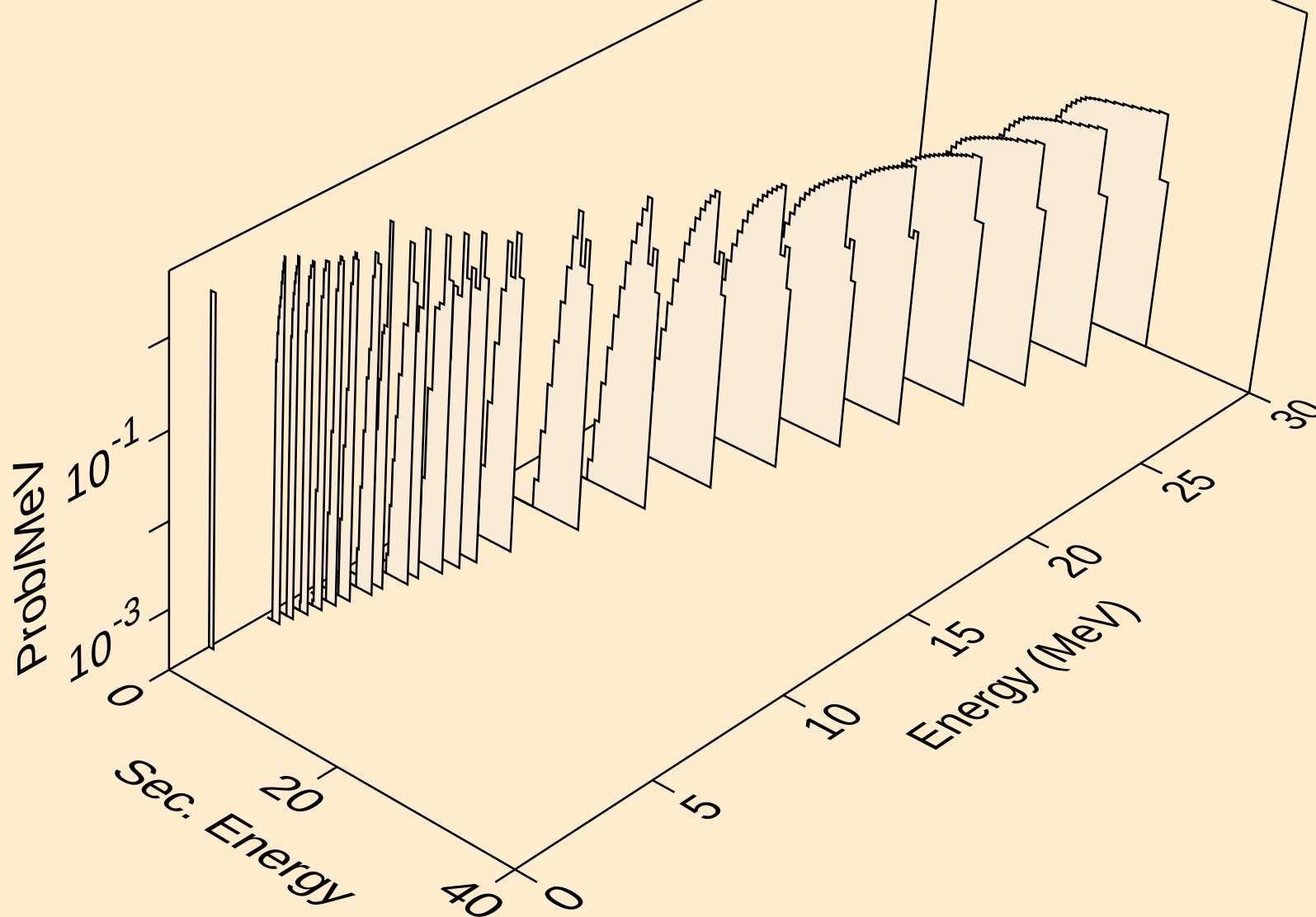
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,2nd)



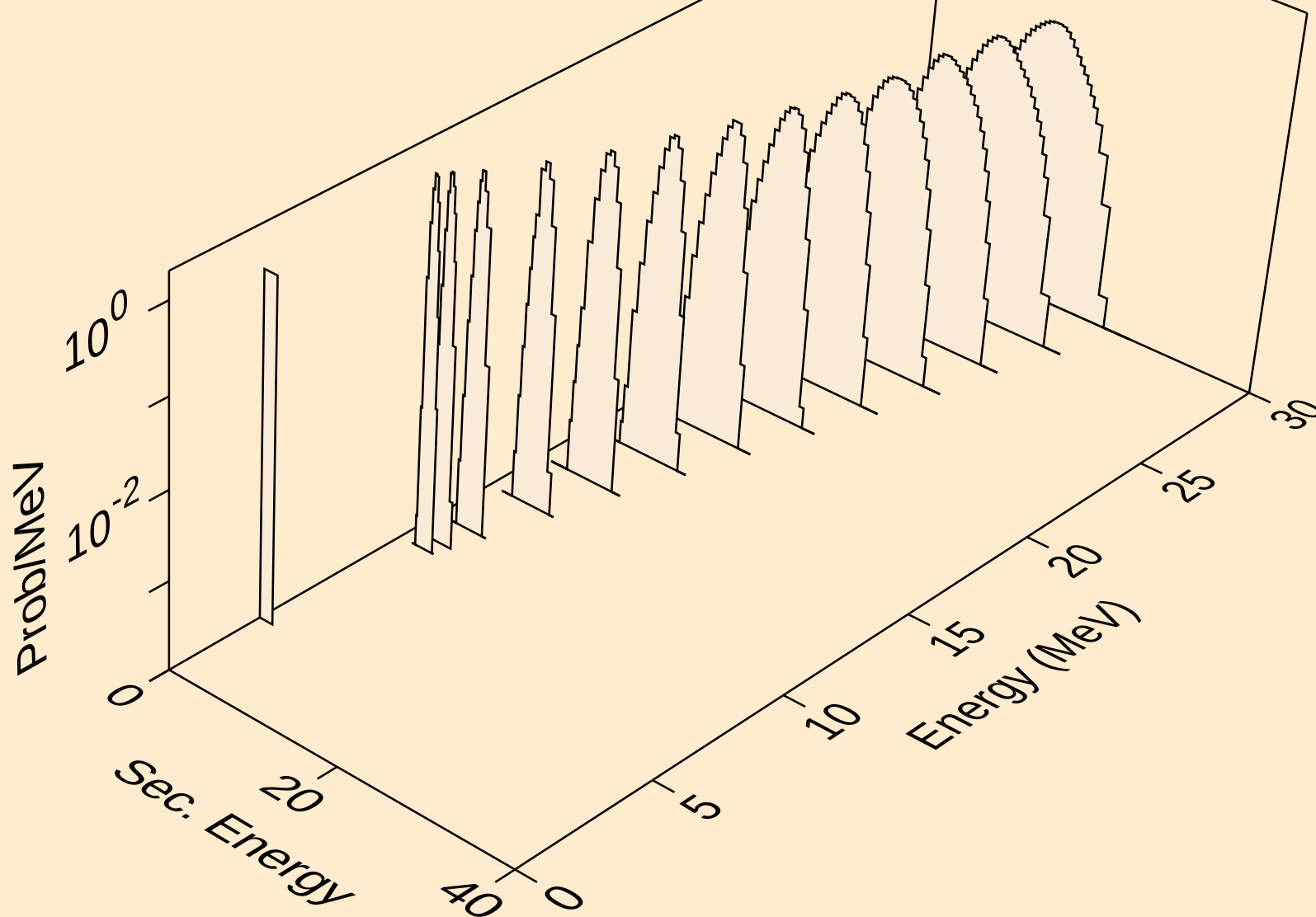
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



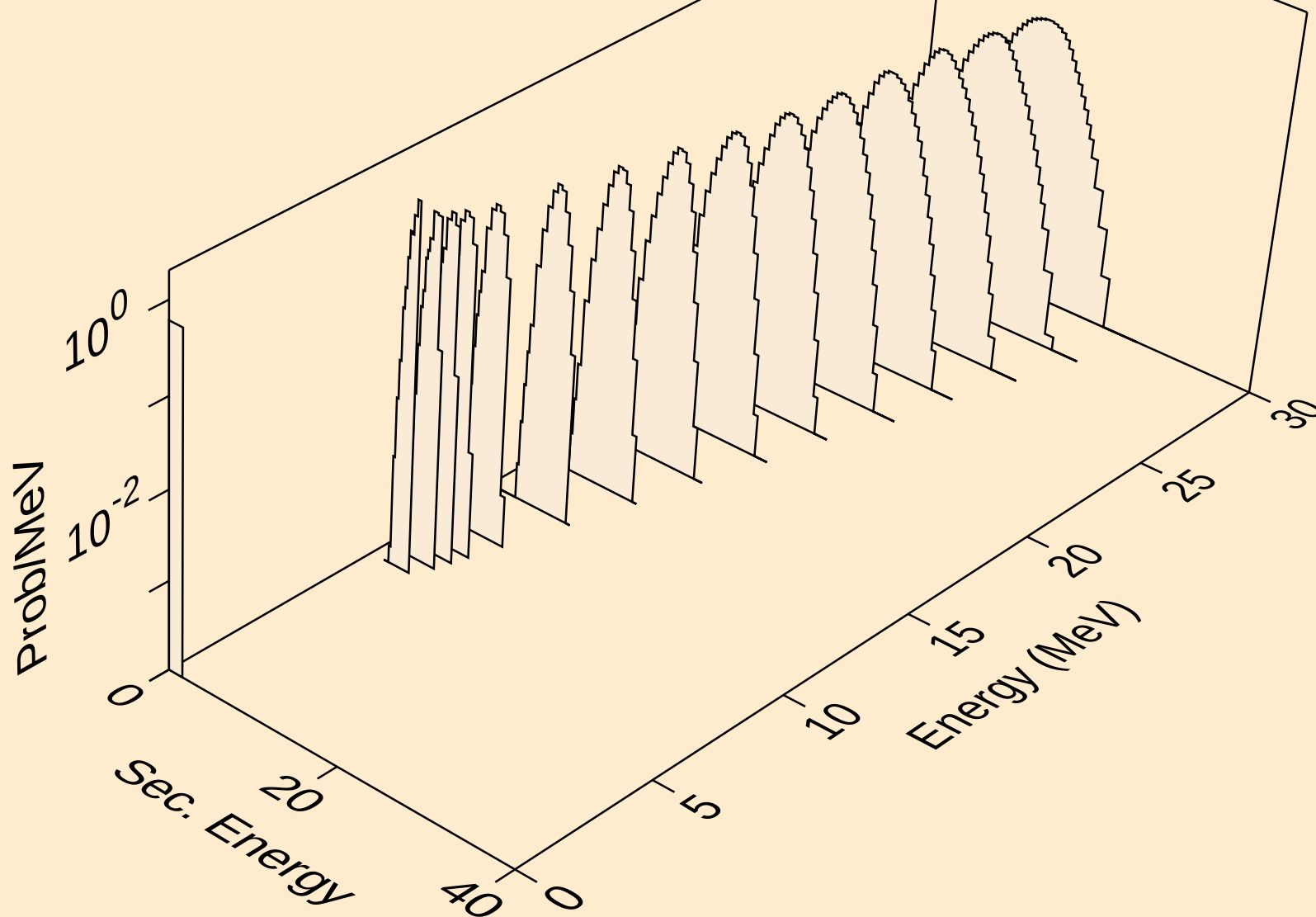
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,d)



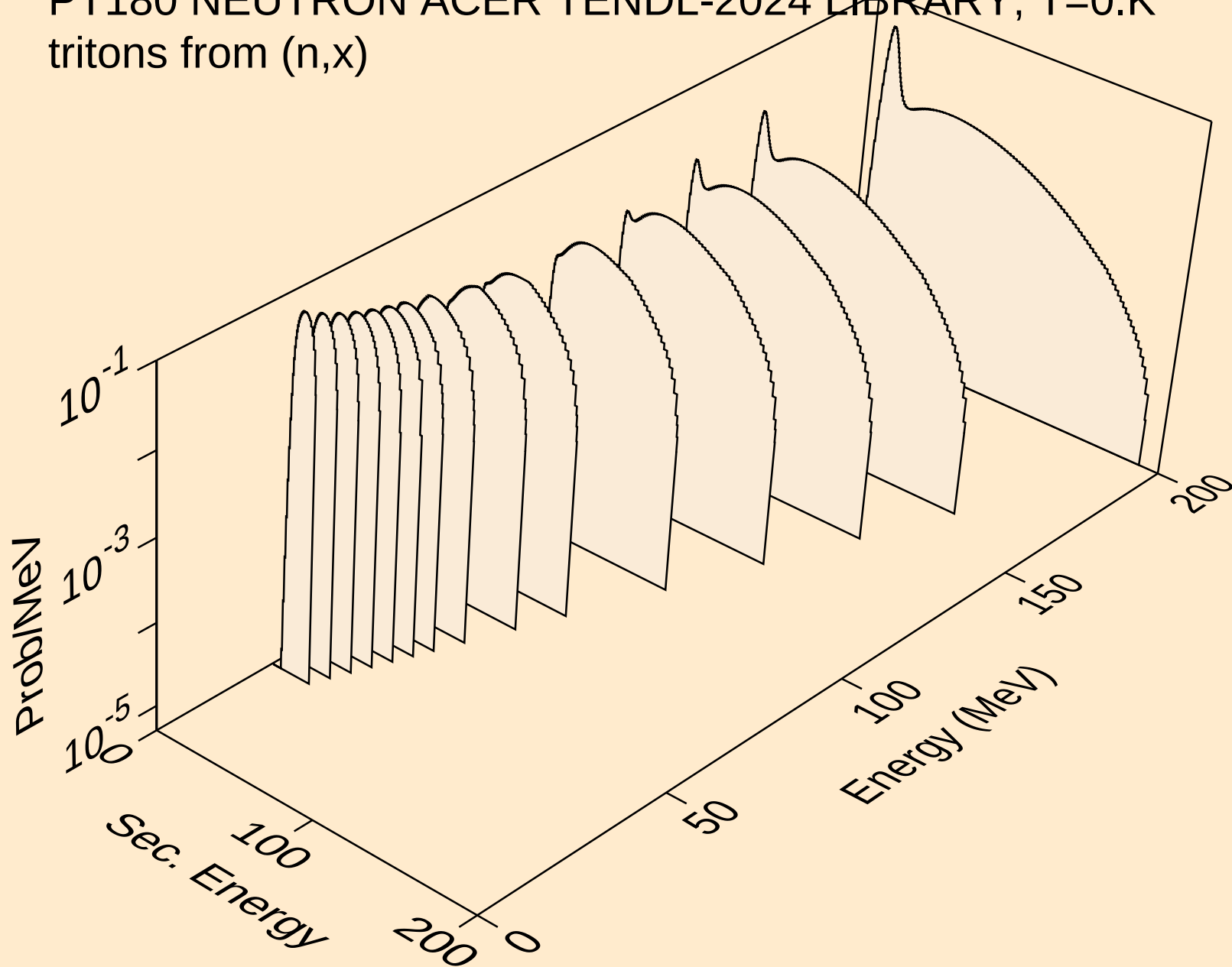
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,pd)



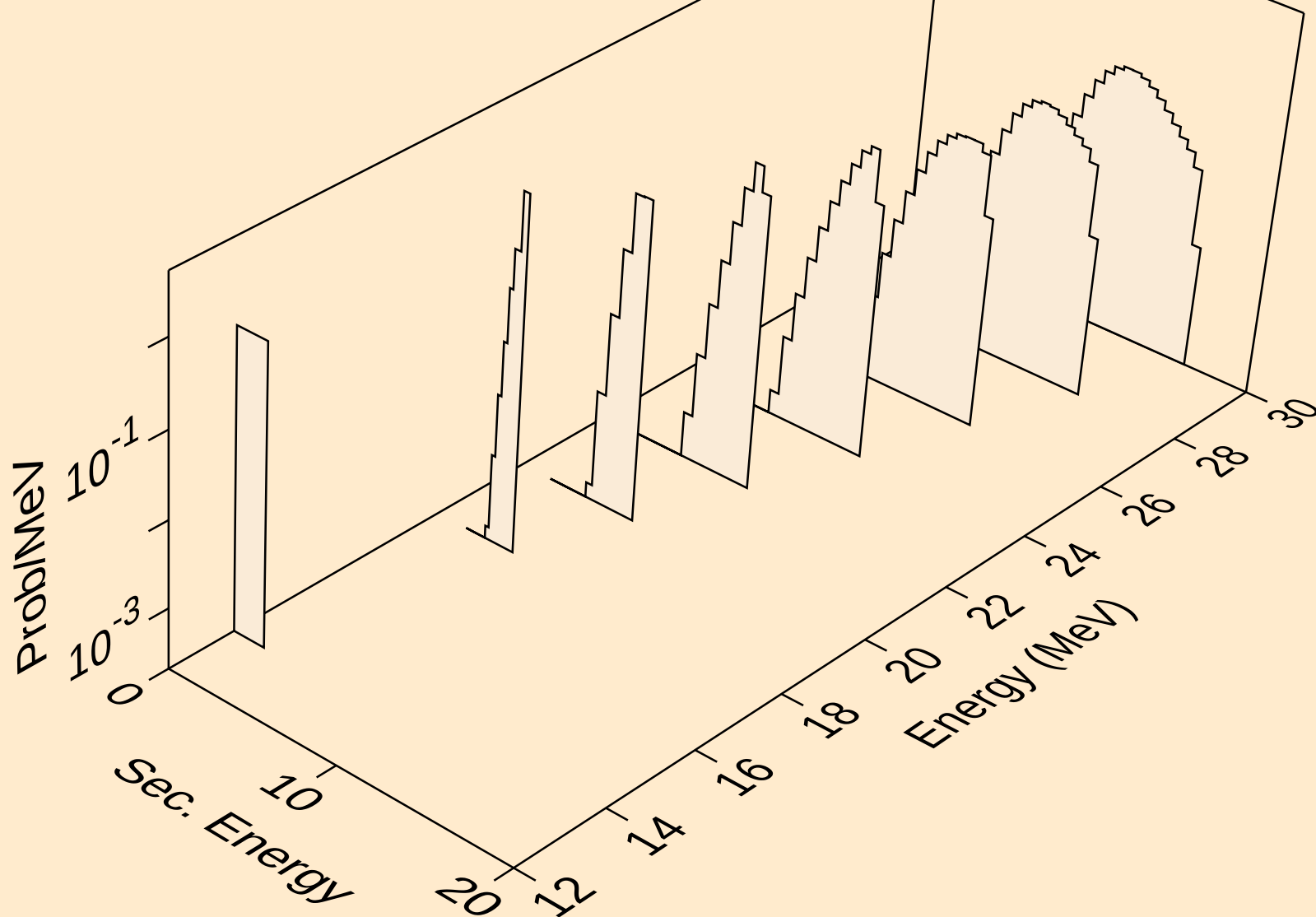
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,da)



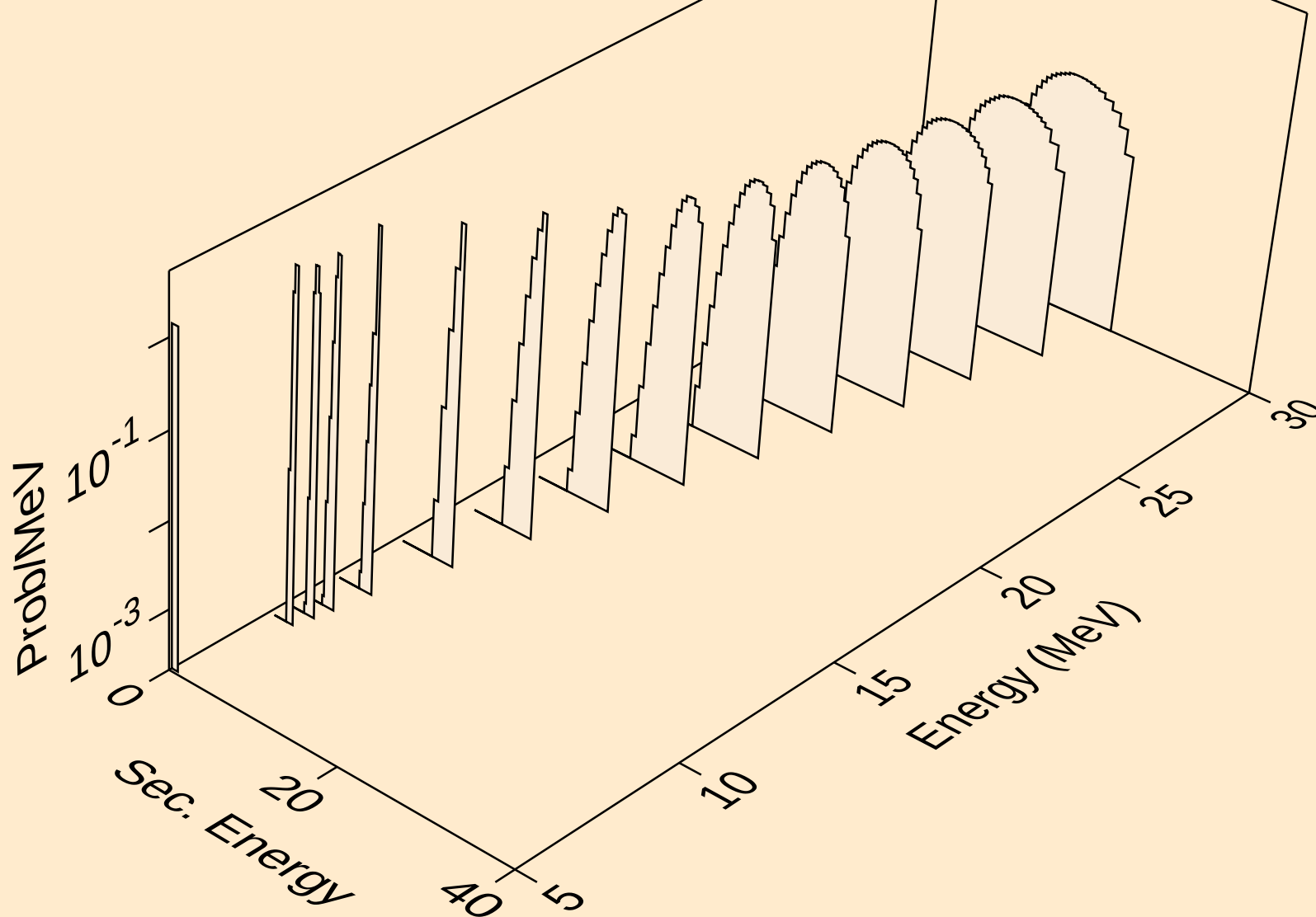
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,x)



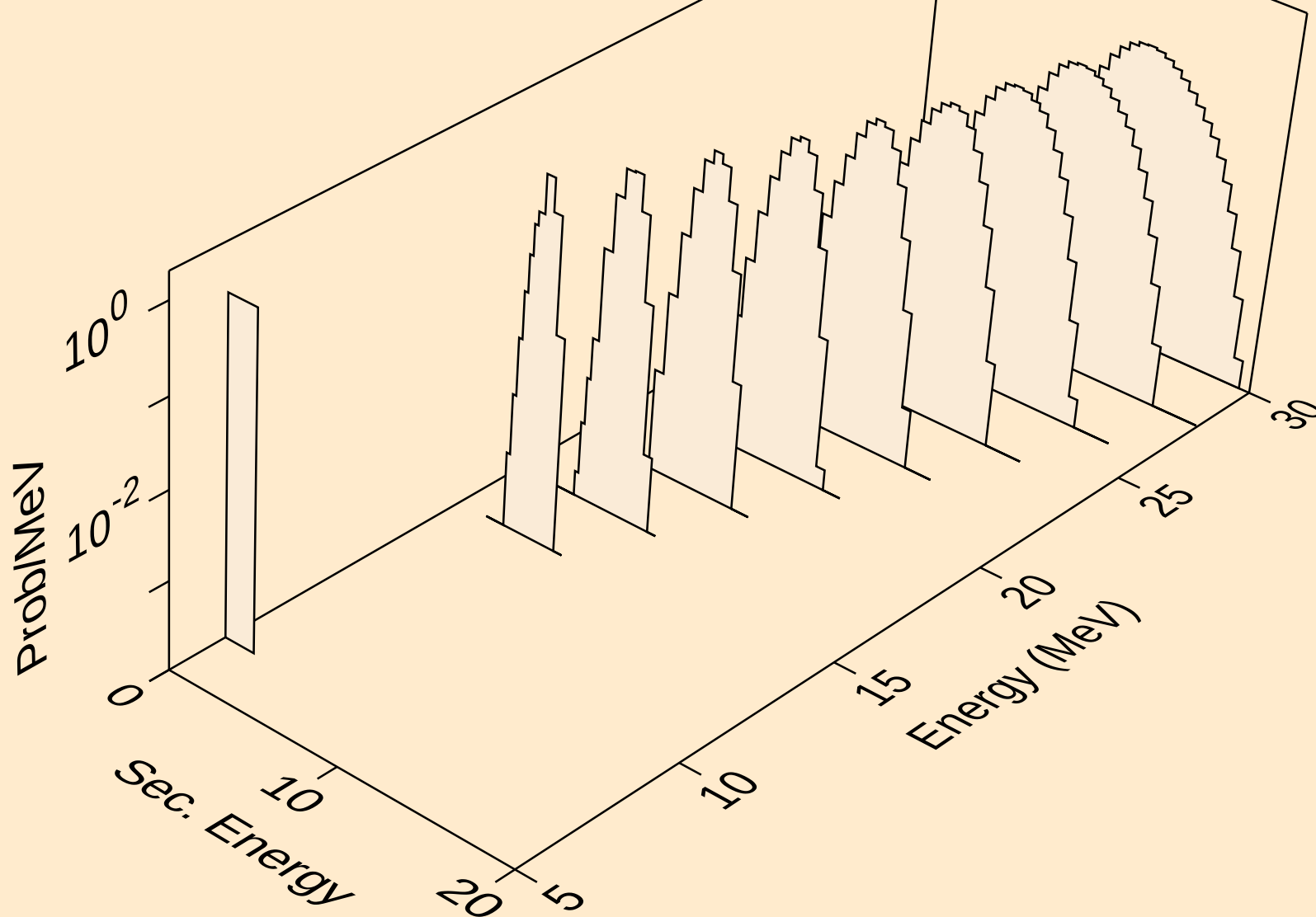
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



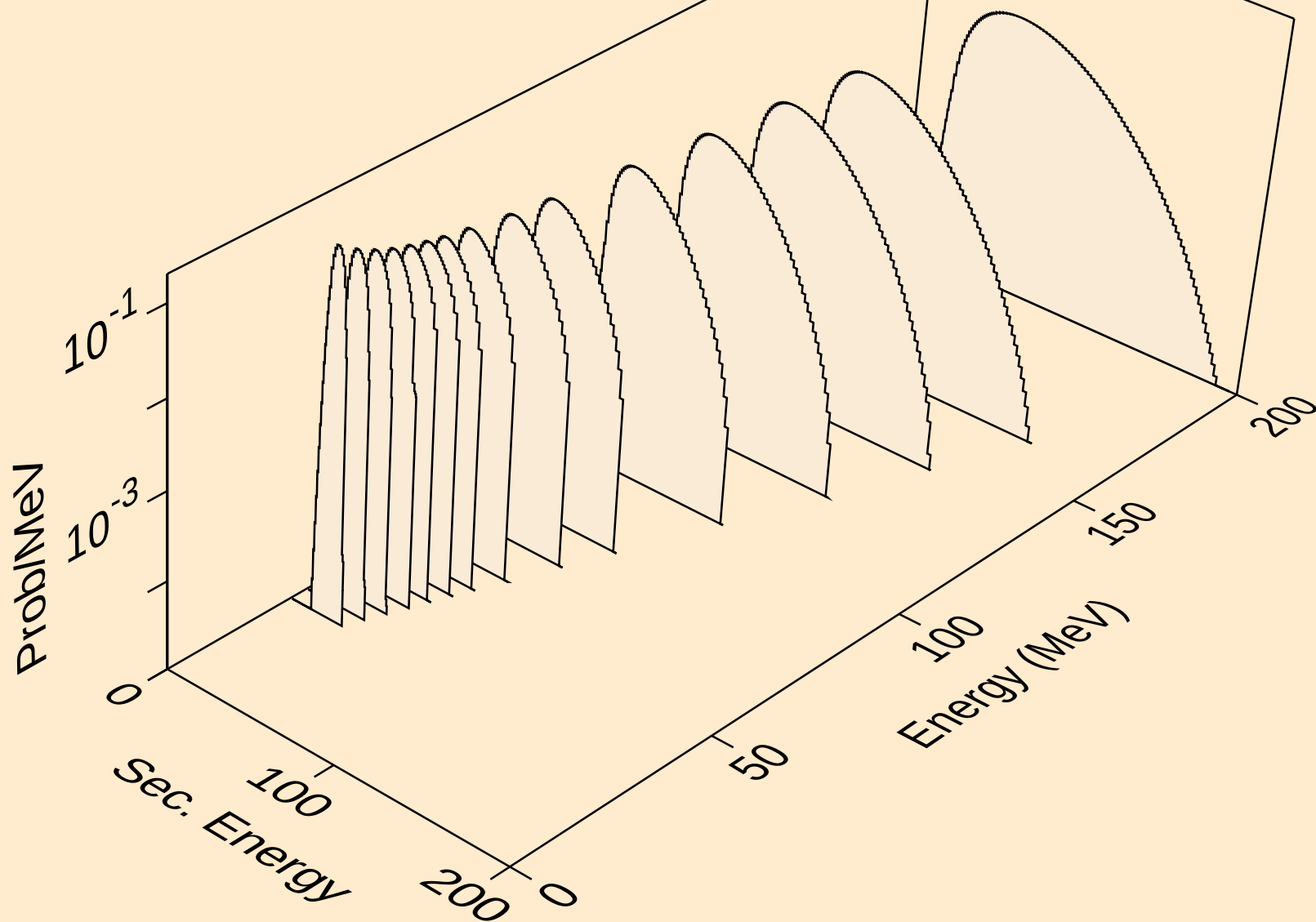
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t)



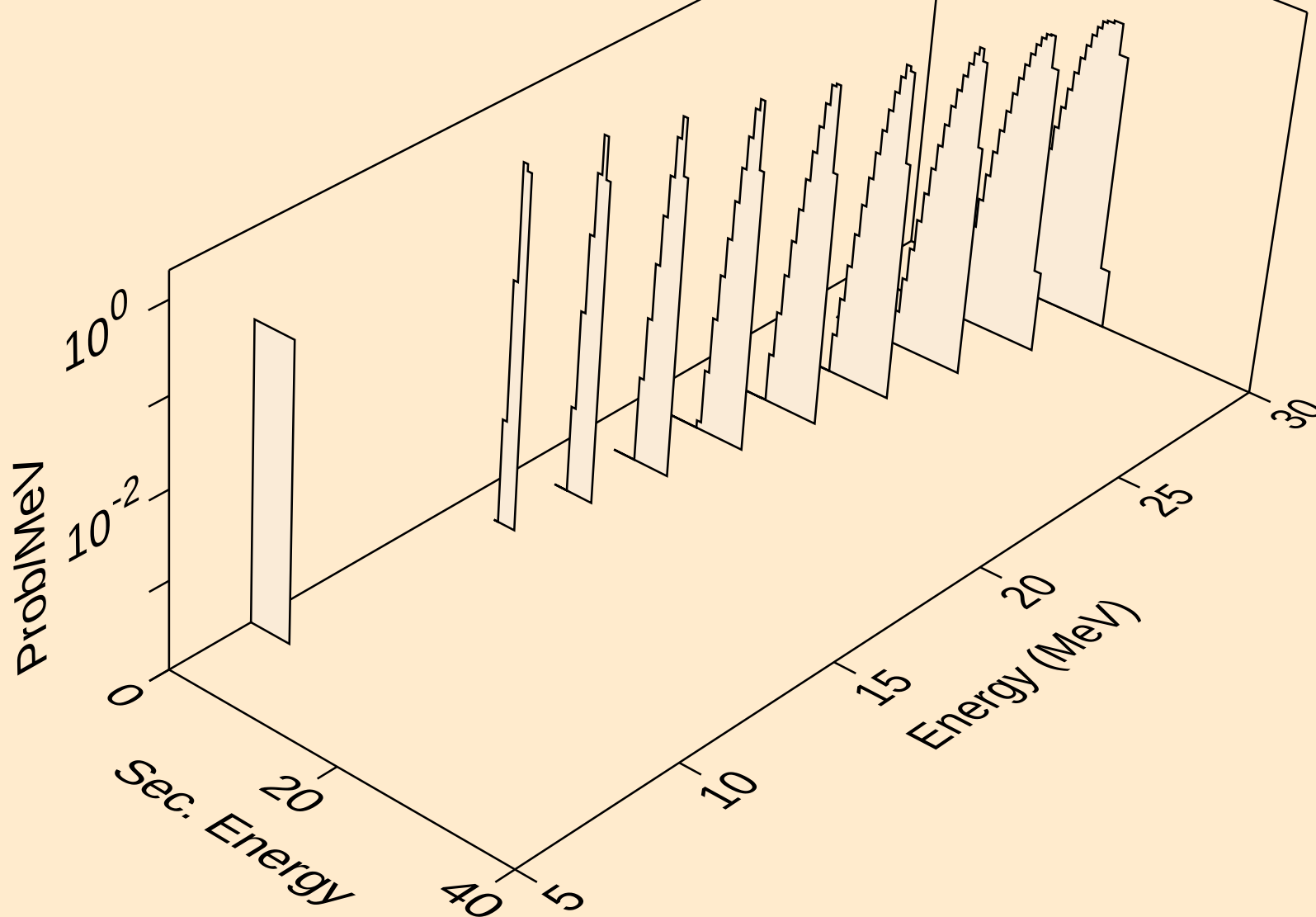
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,pt)



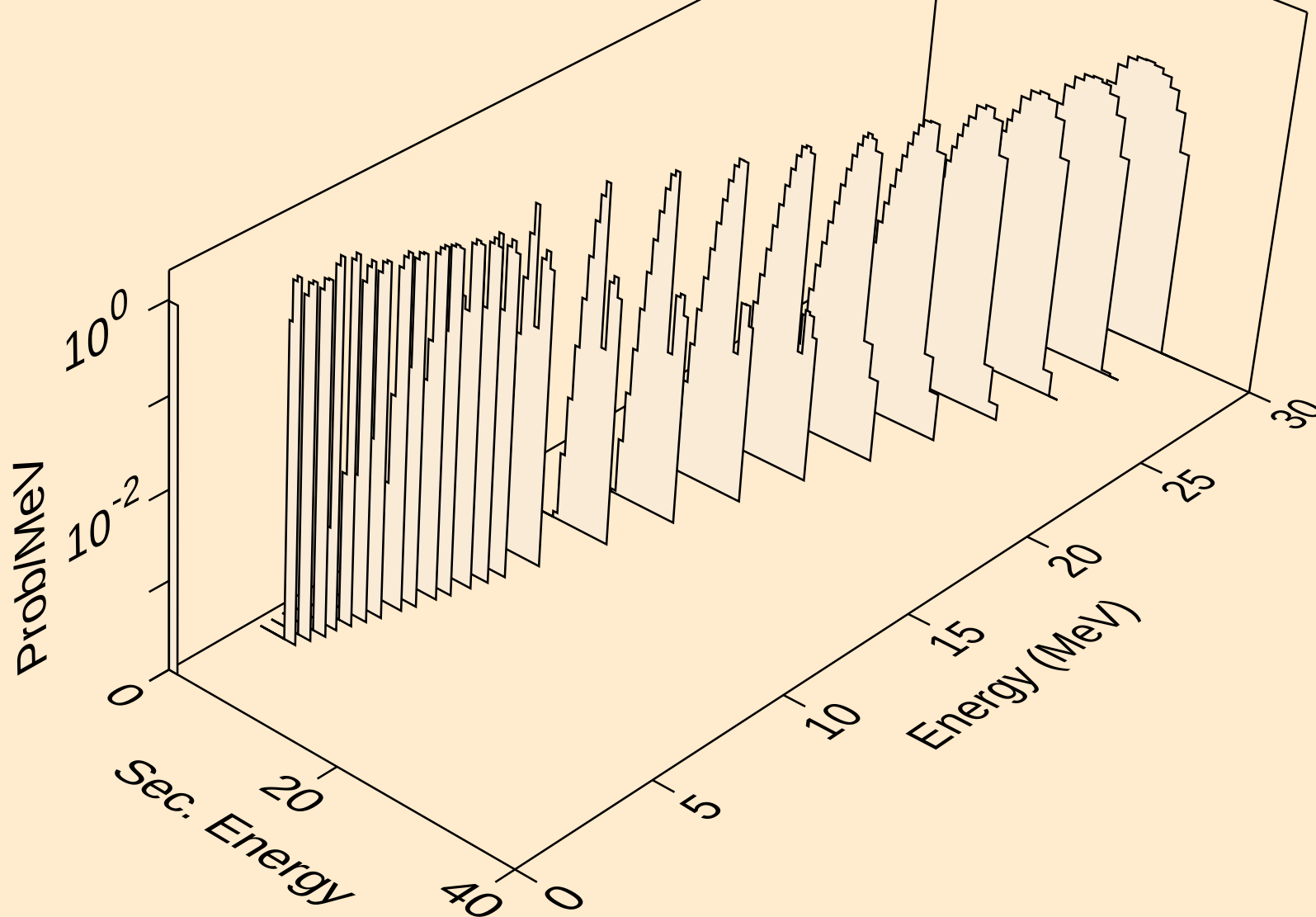
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



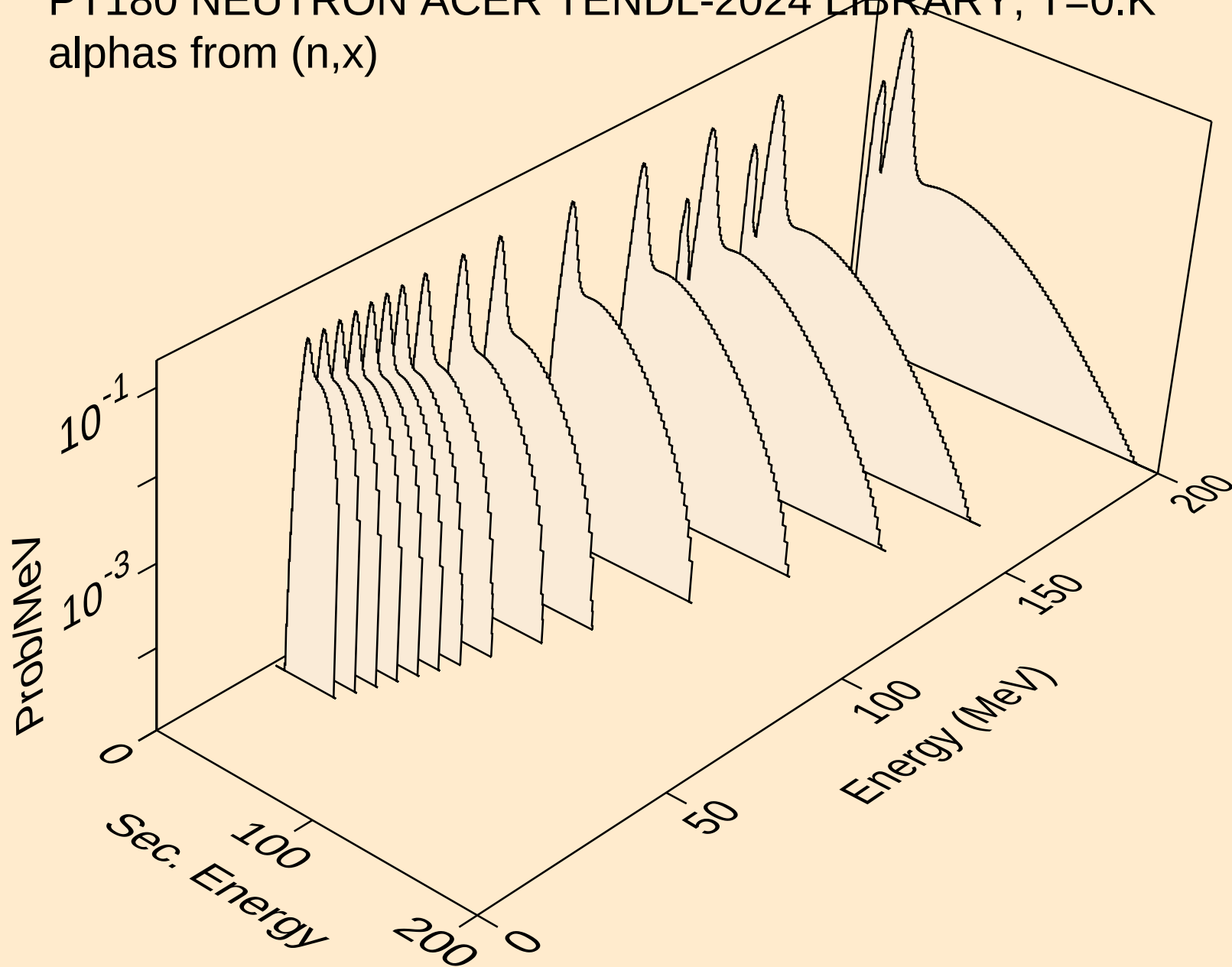
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



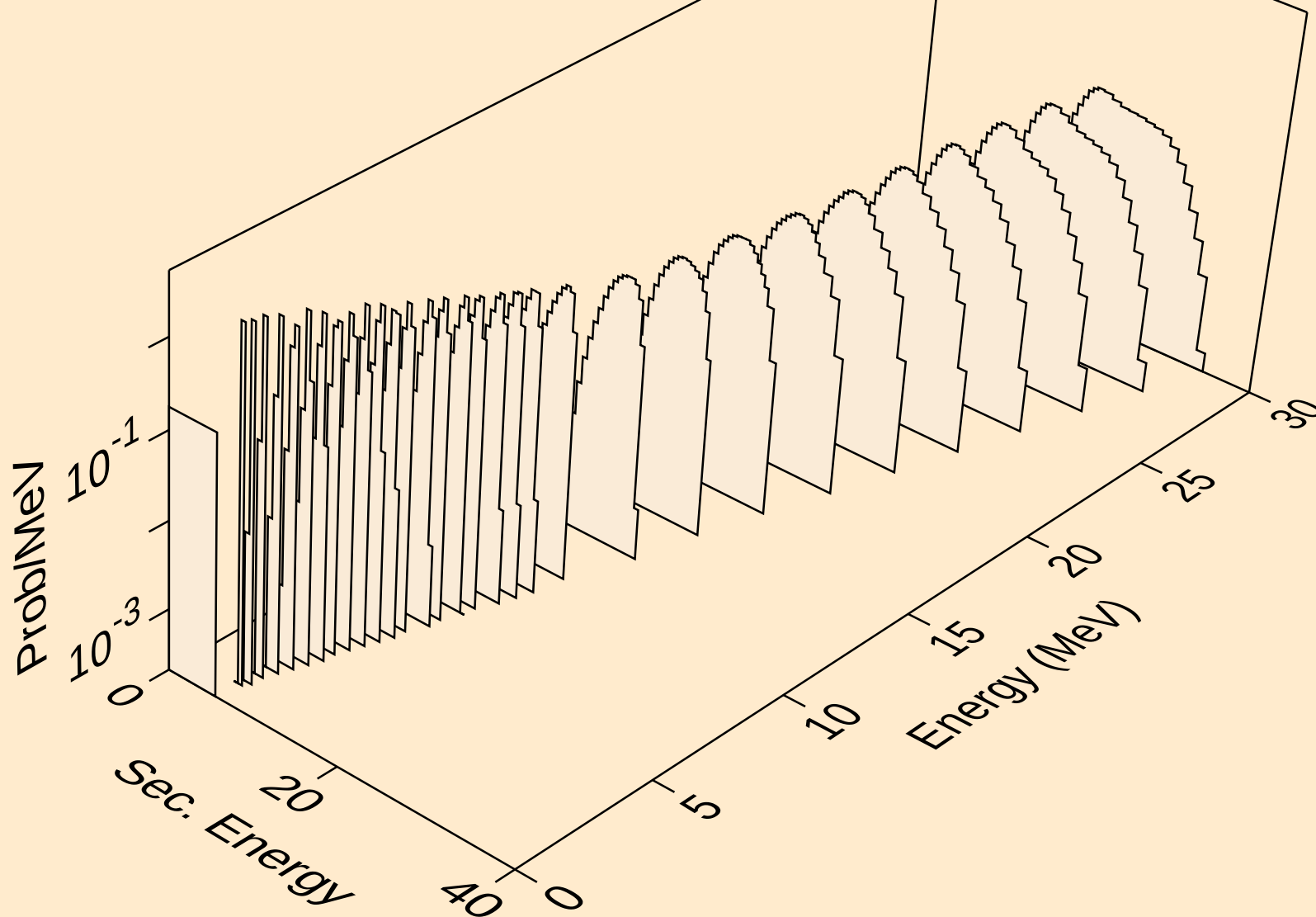
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



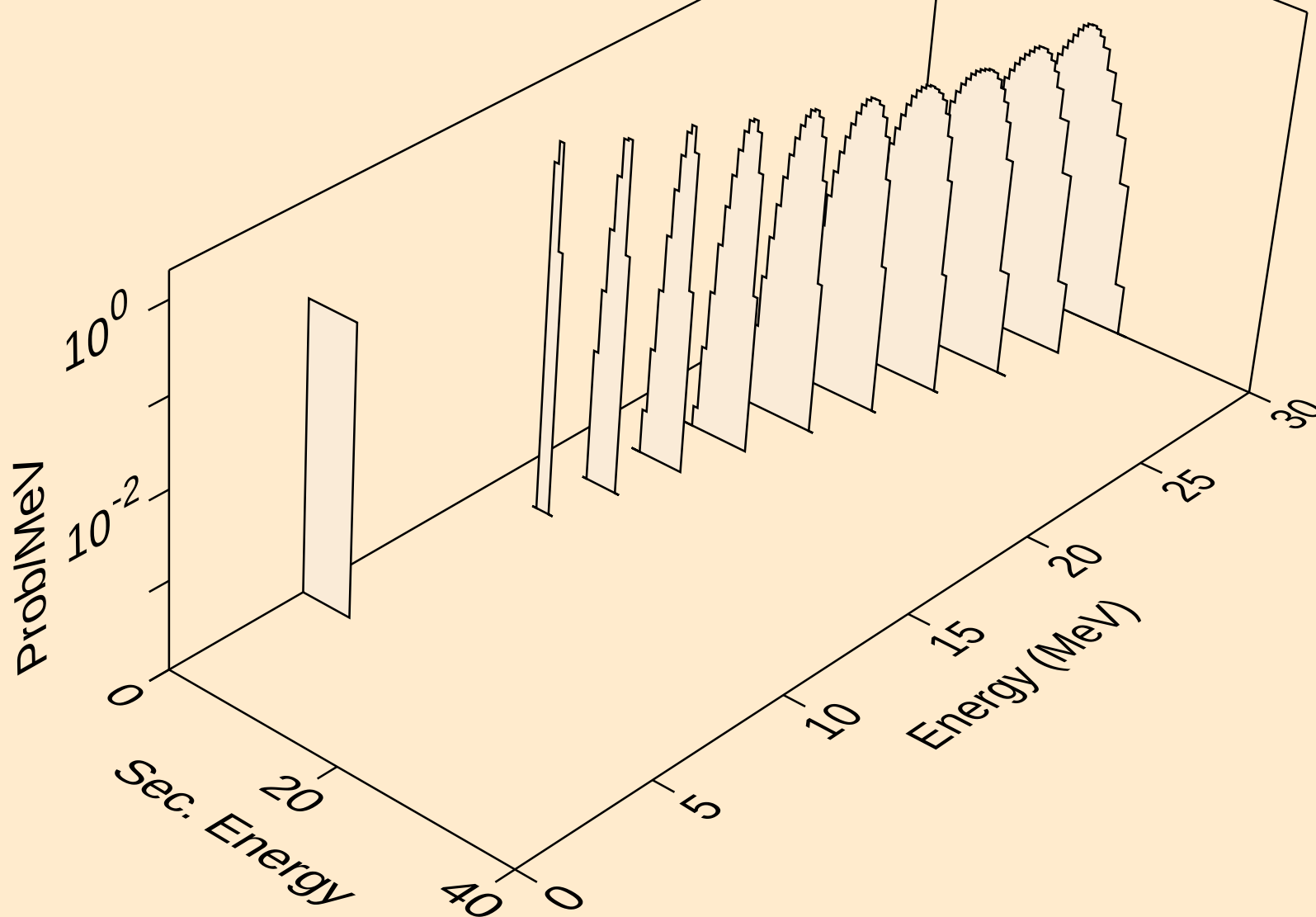
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



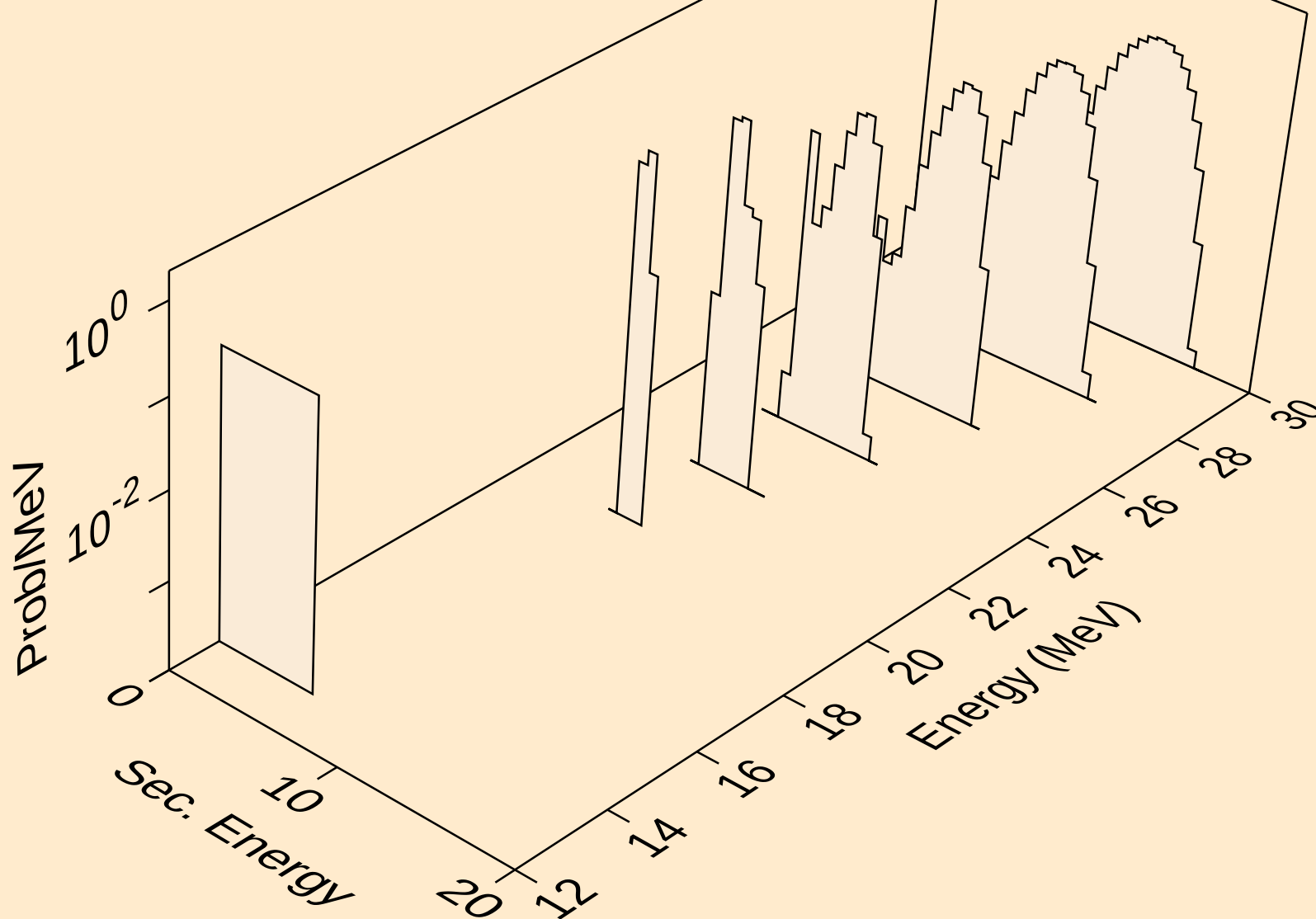
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



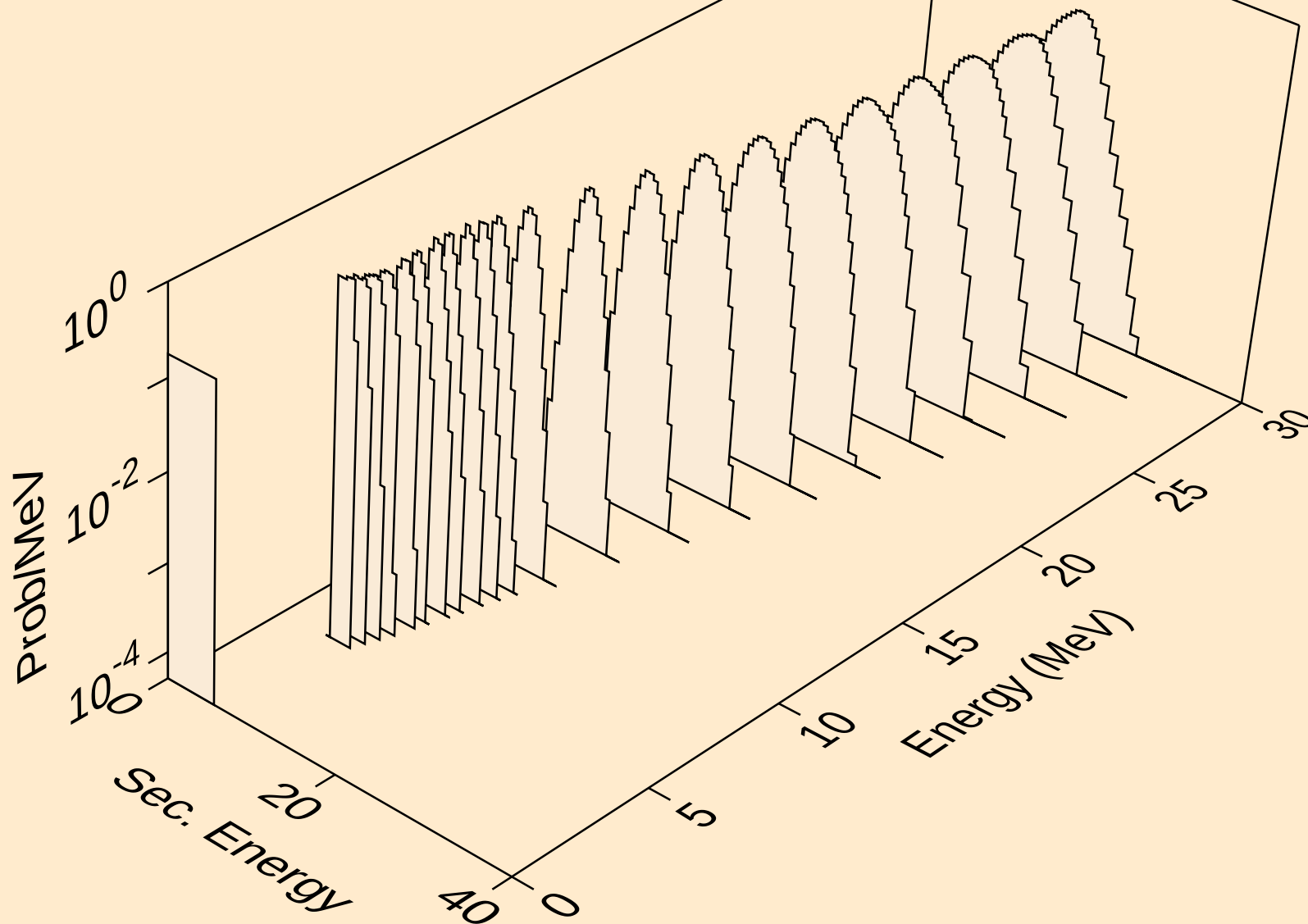
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



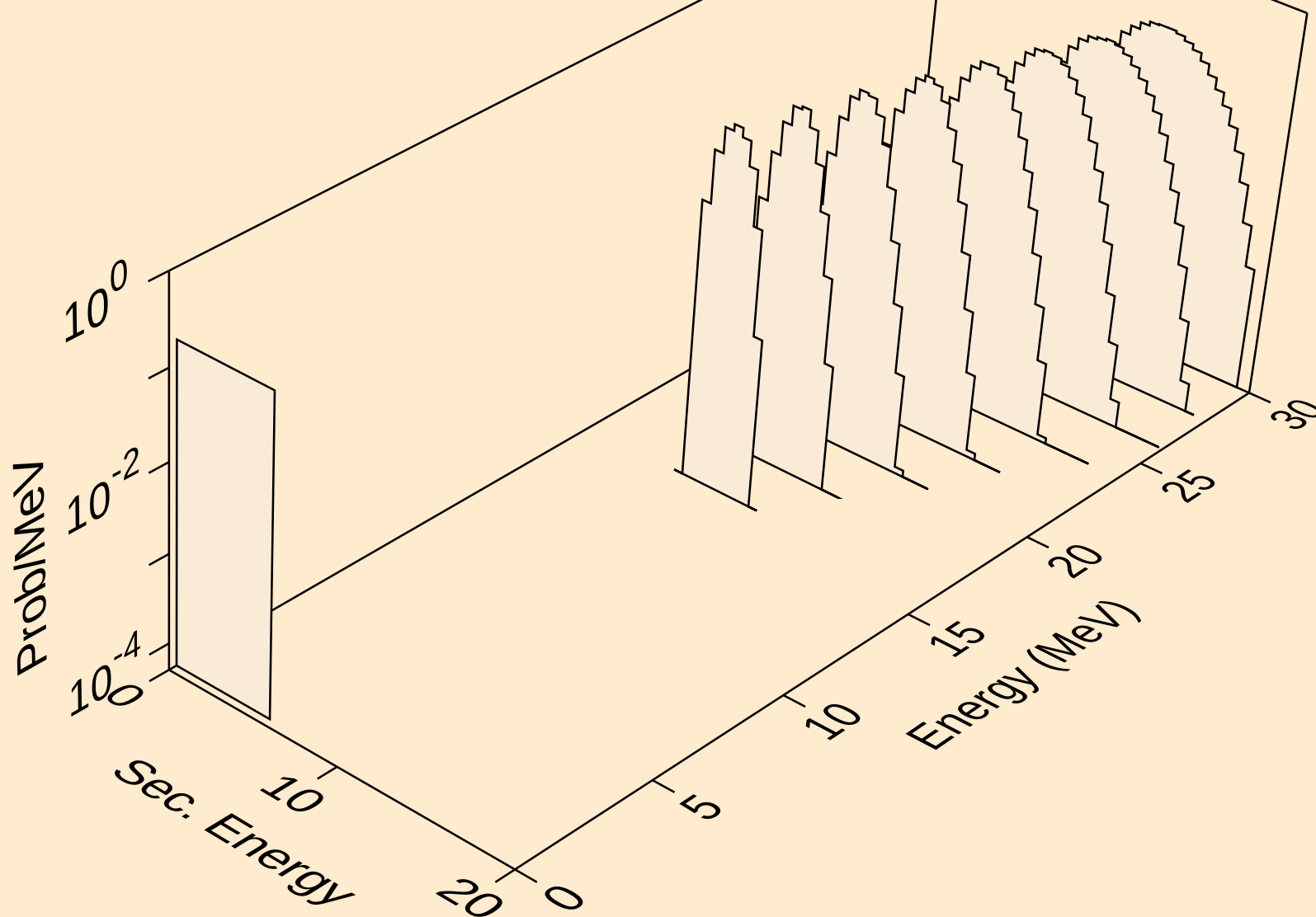
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3n)a



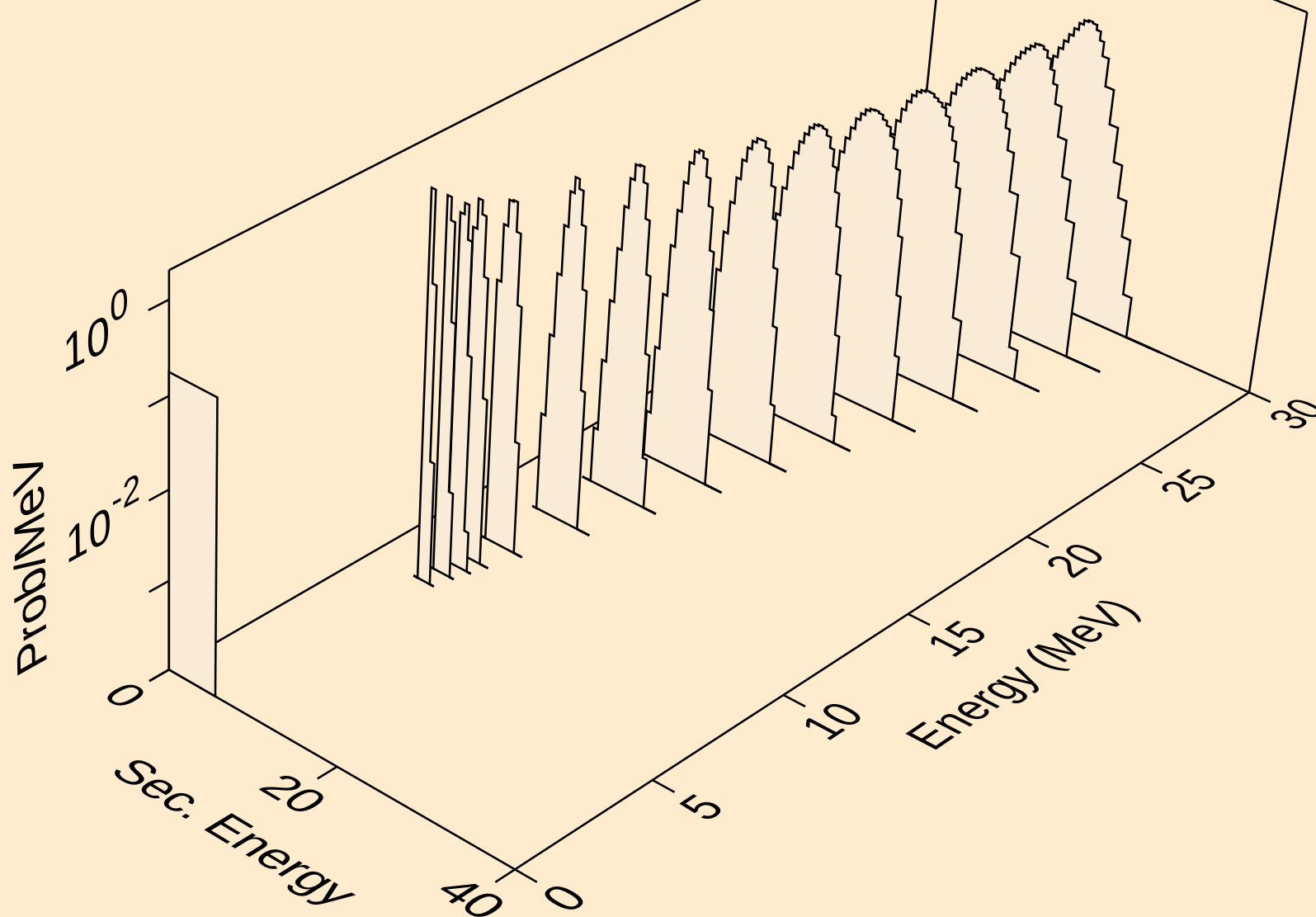
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



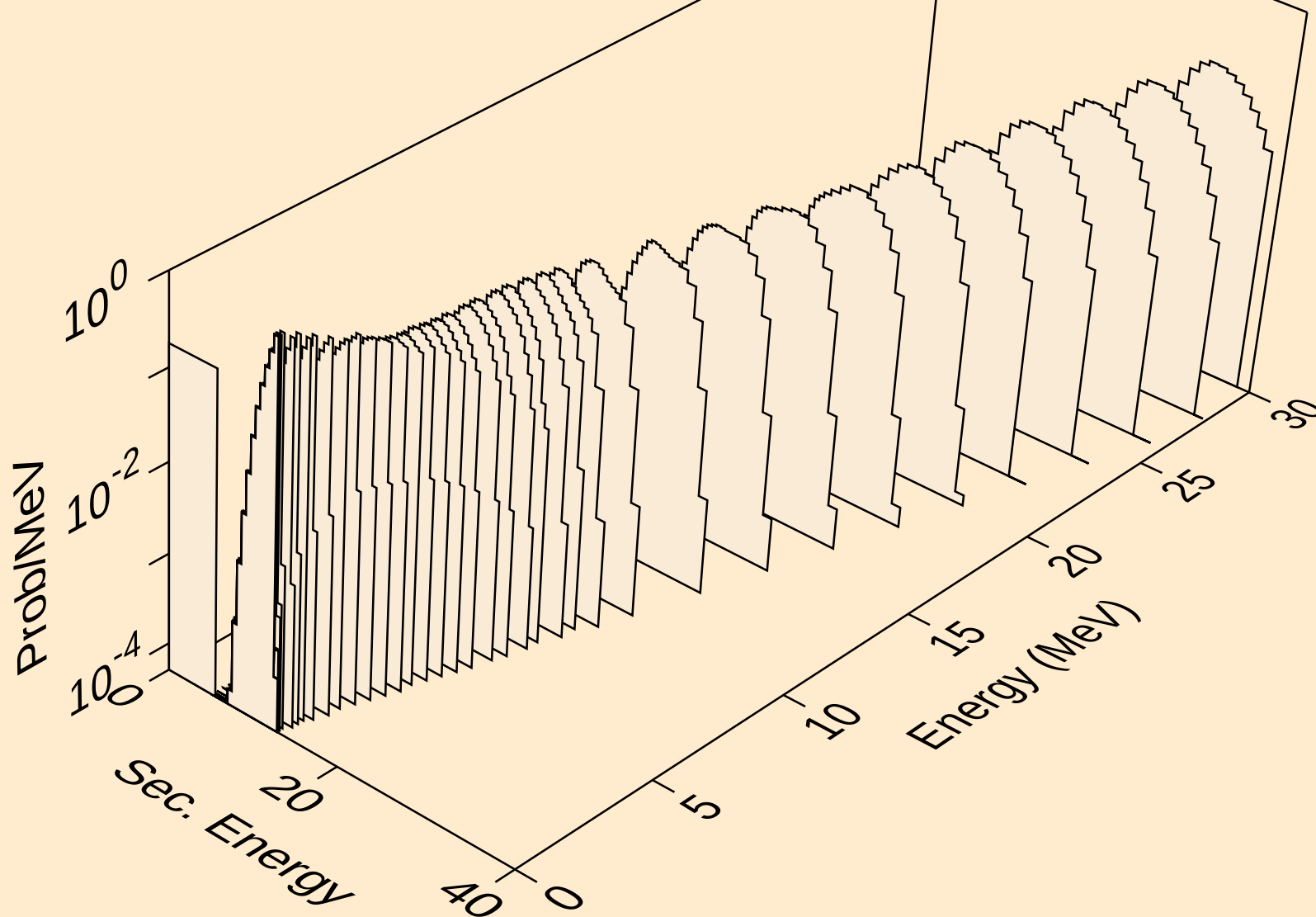
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)2a



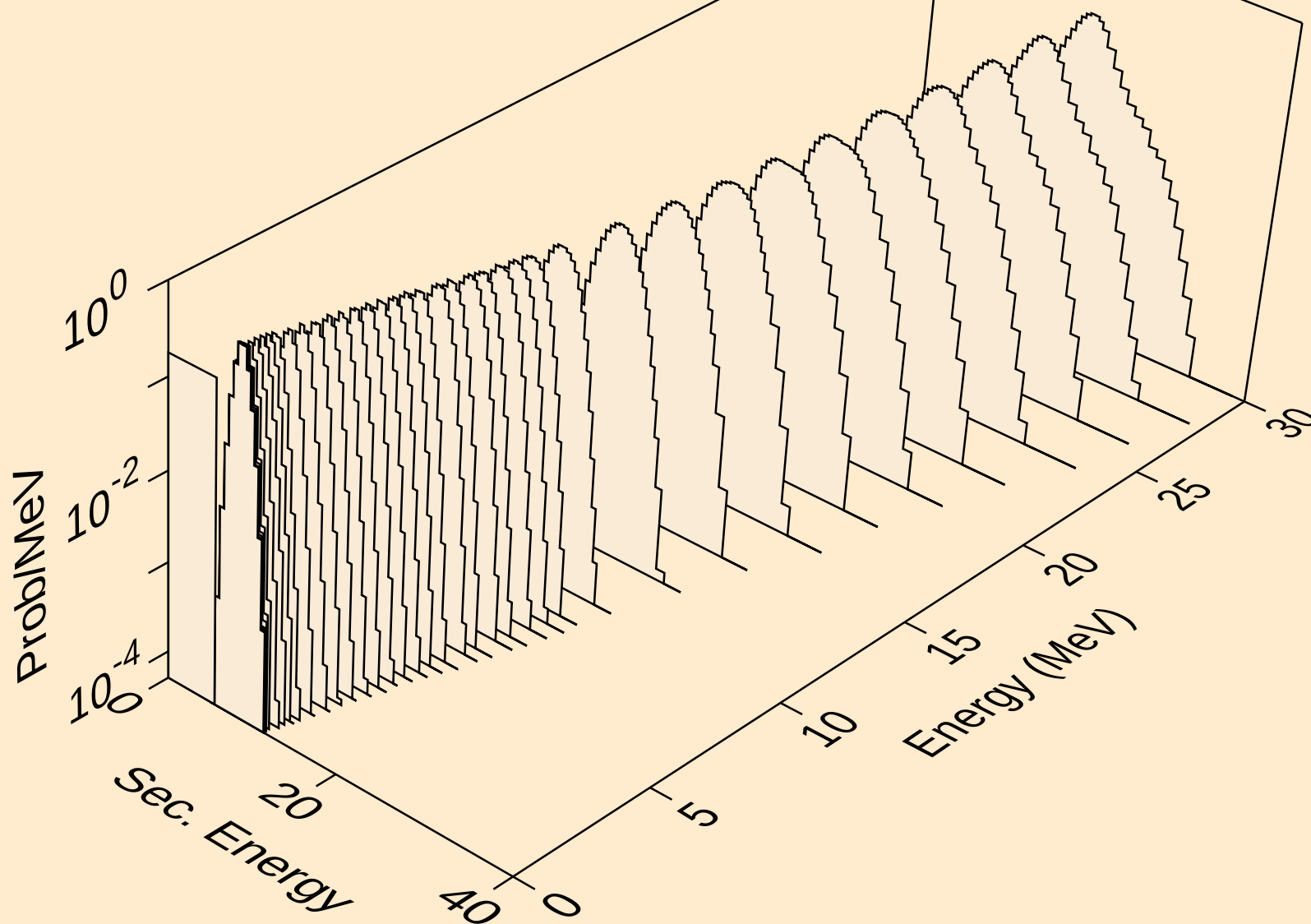
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



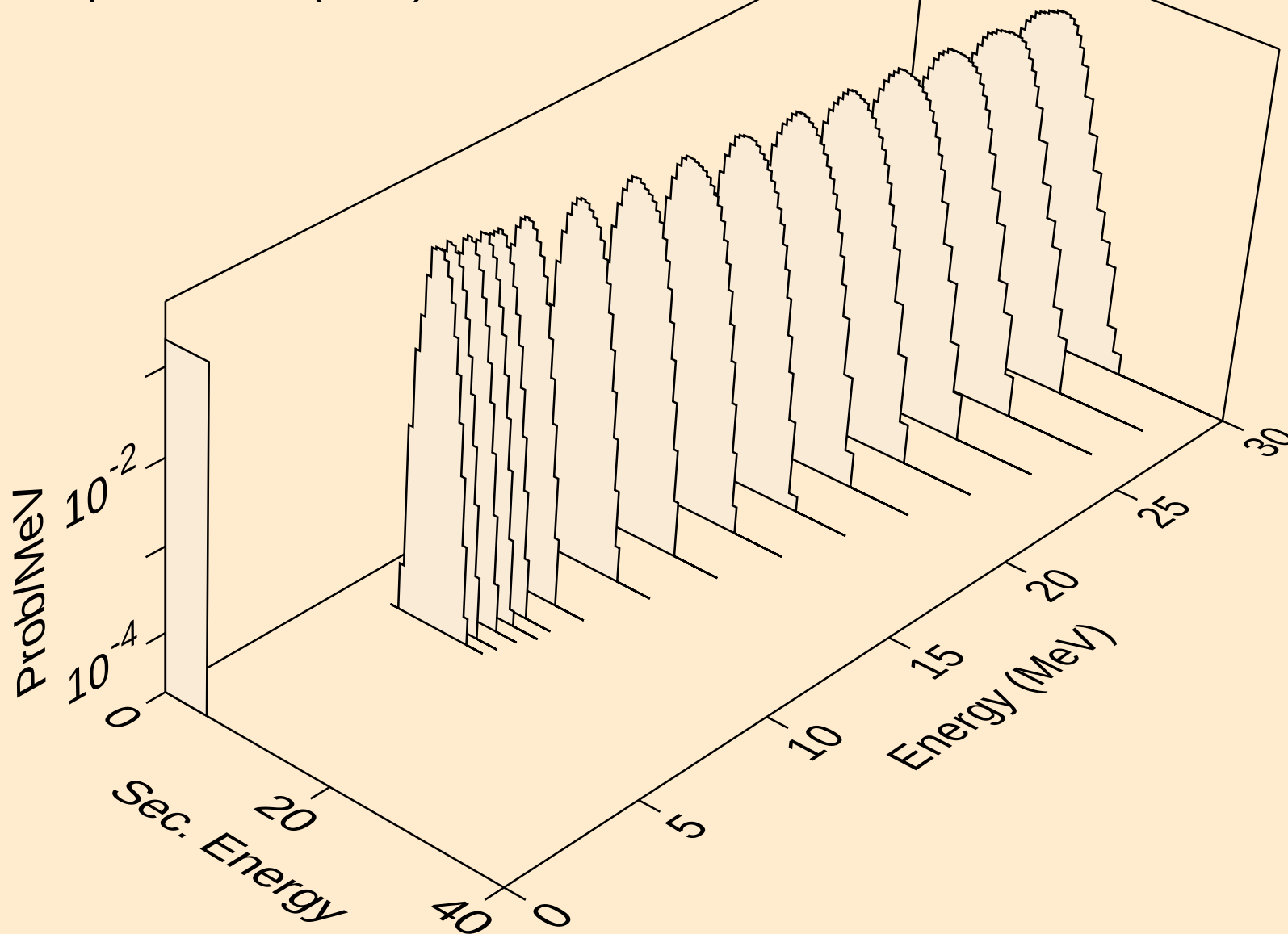
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



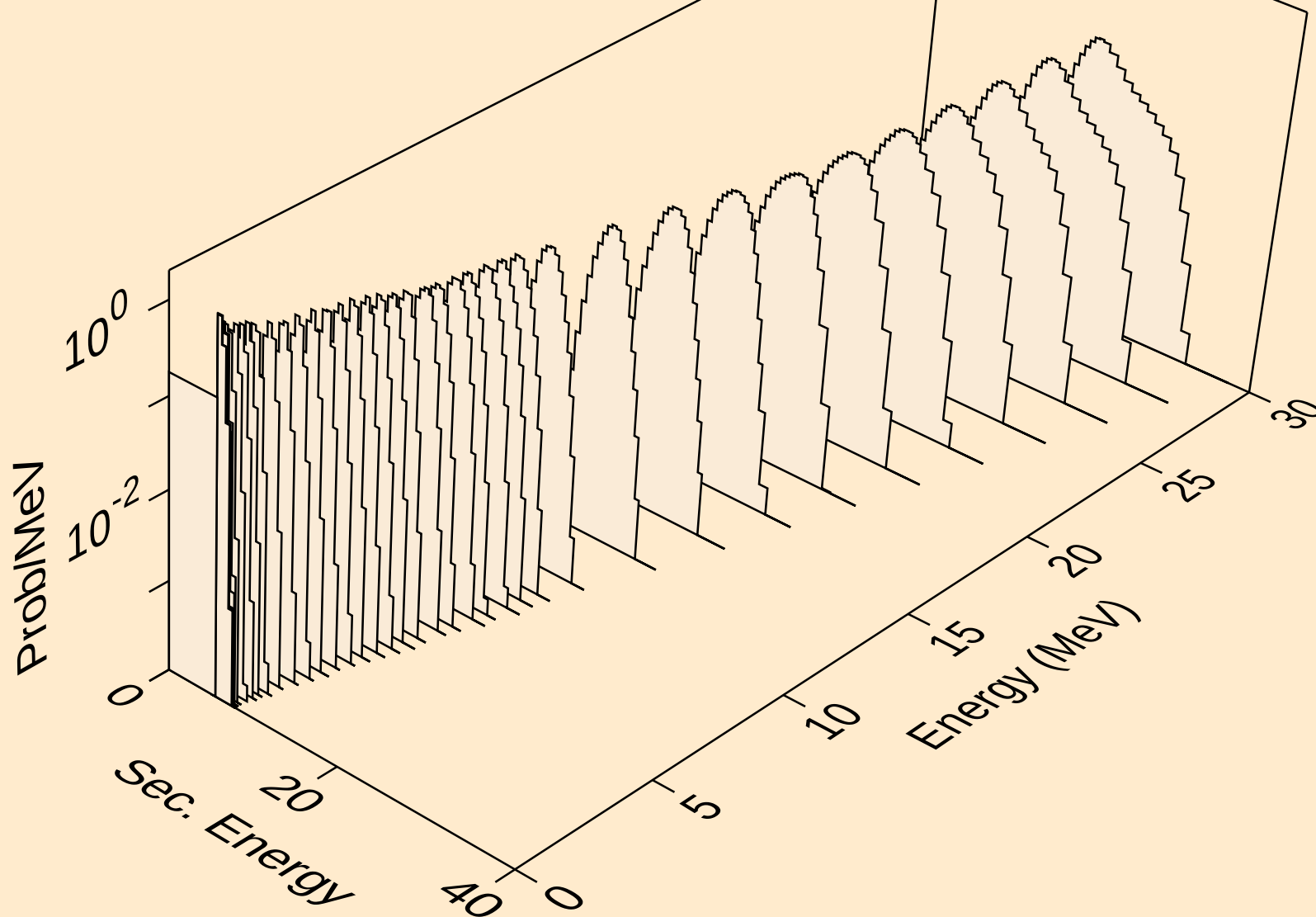
PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3a)



PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



PT180 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

