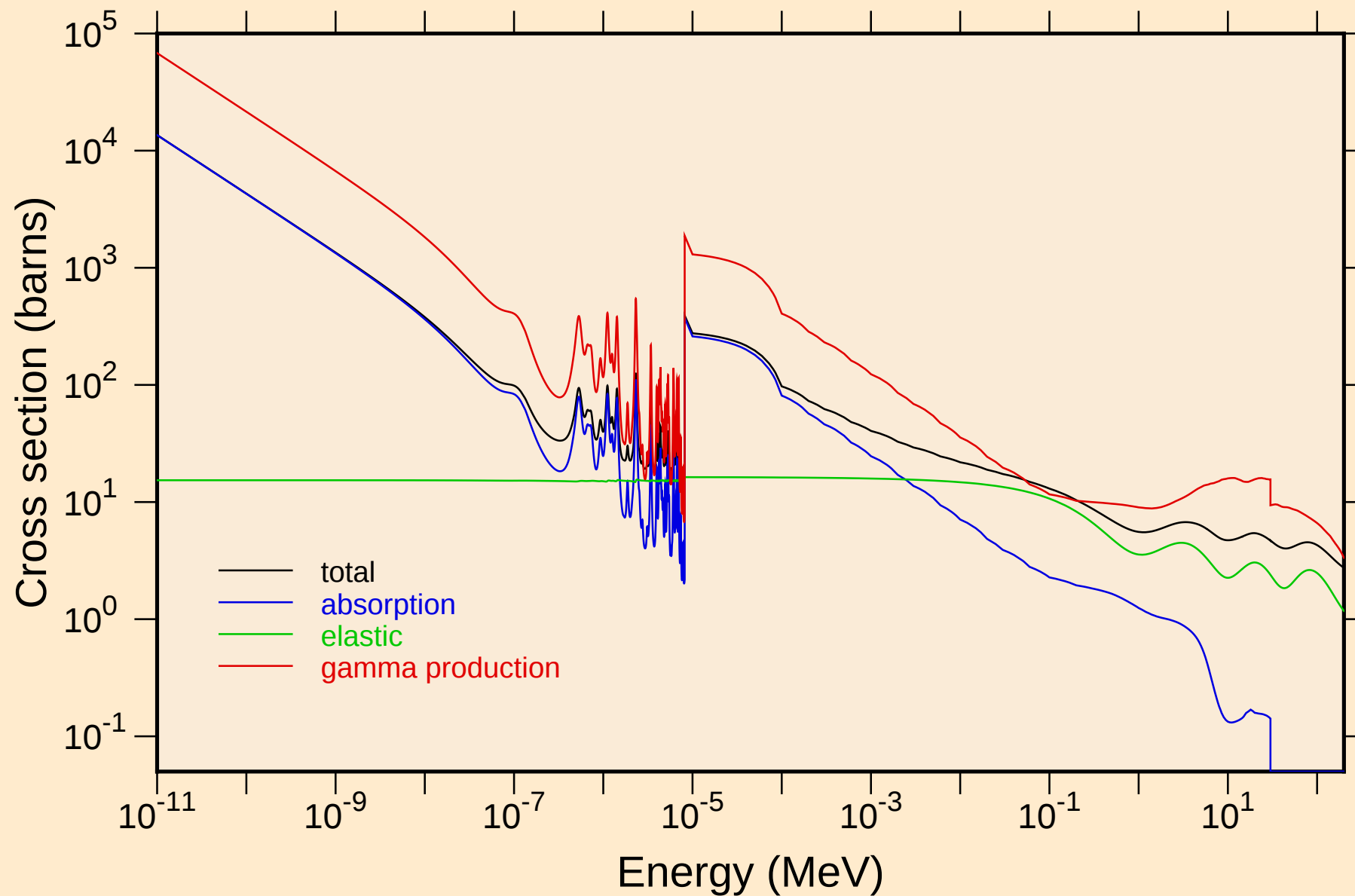
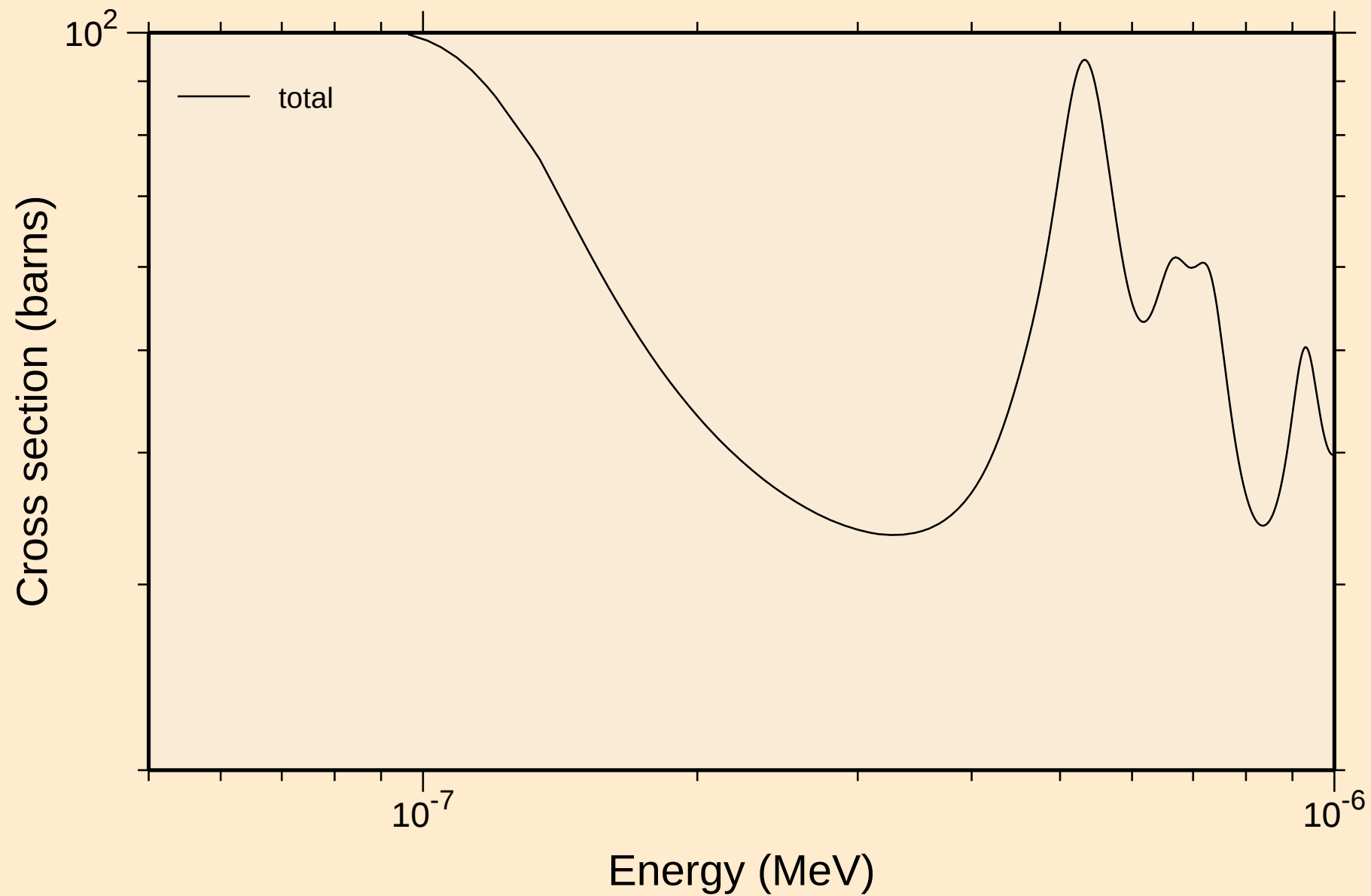


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

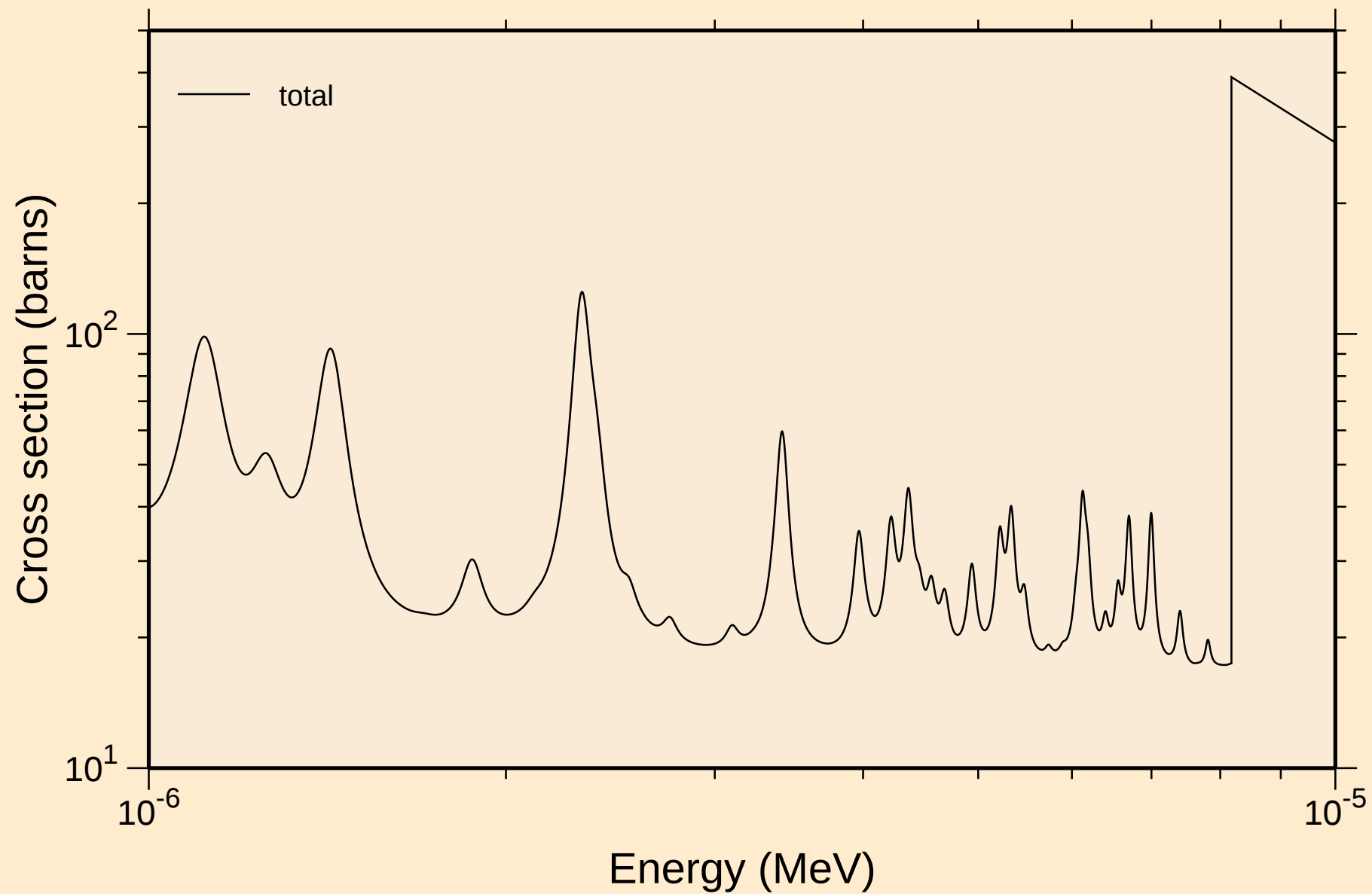
Principal cross sections



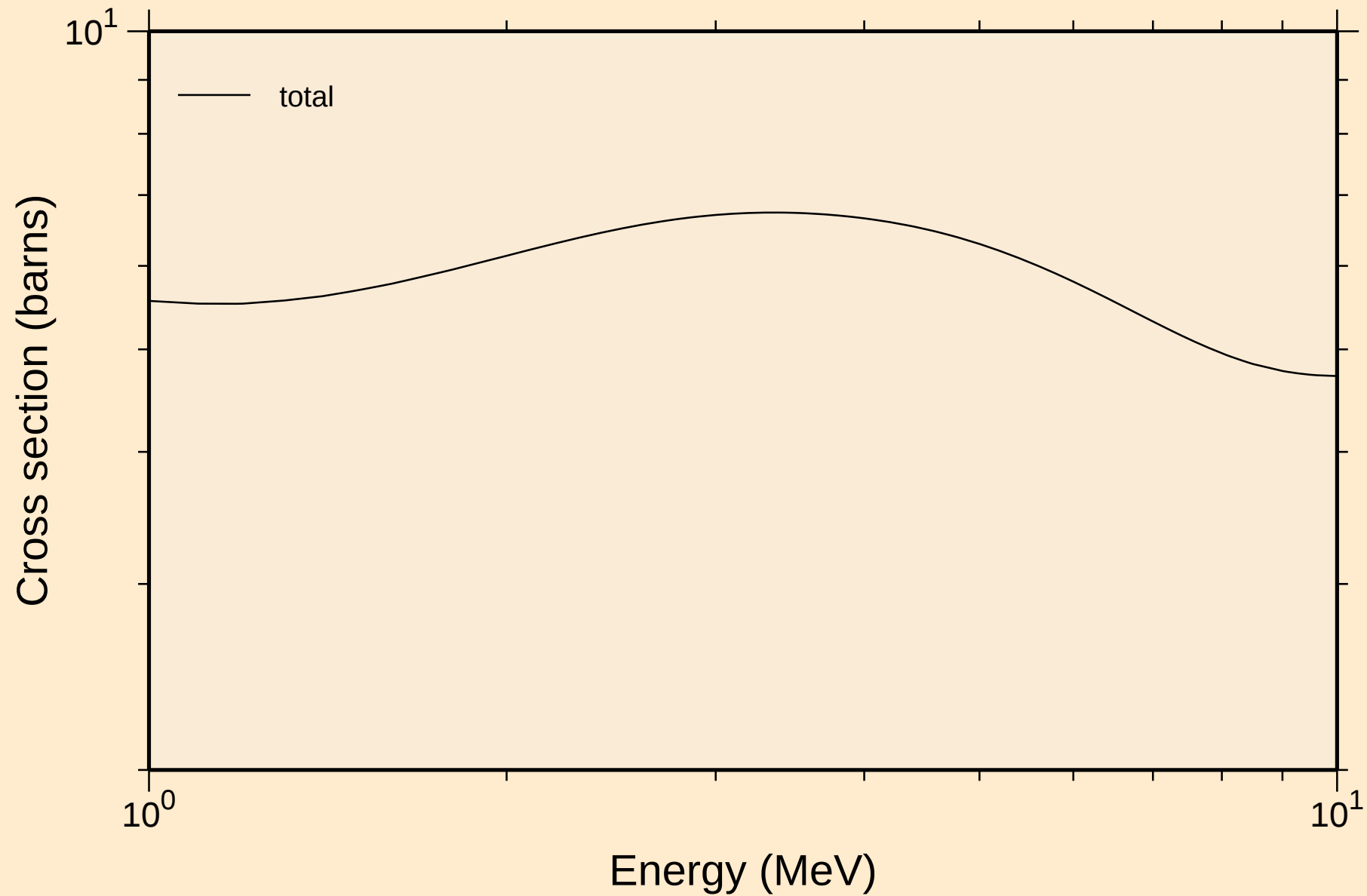
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



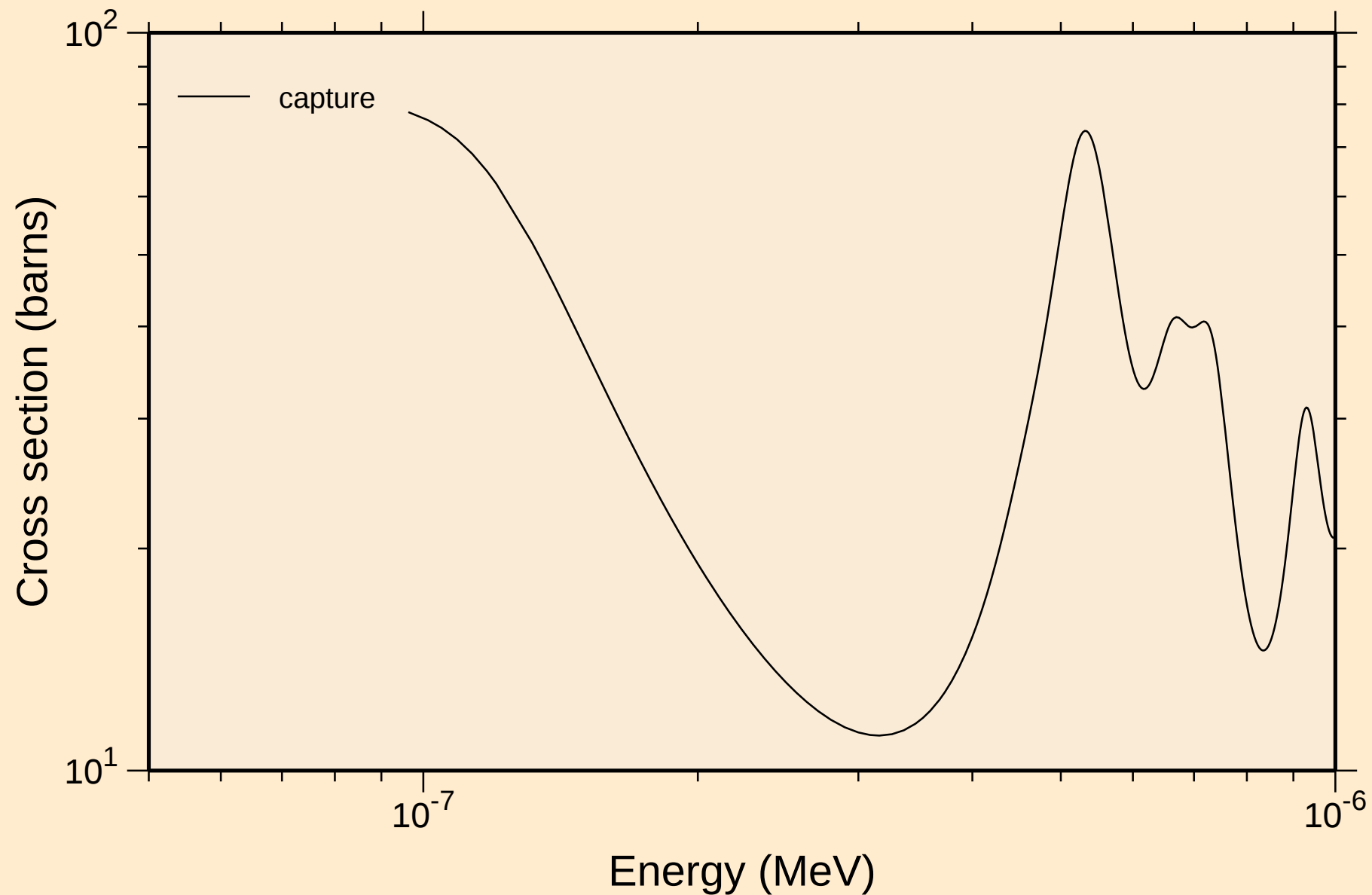
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



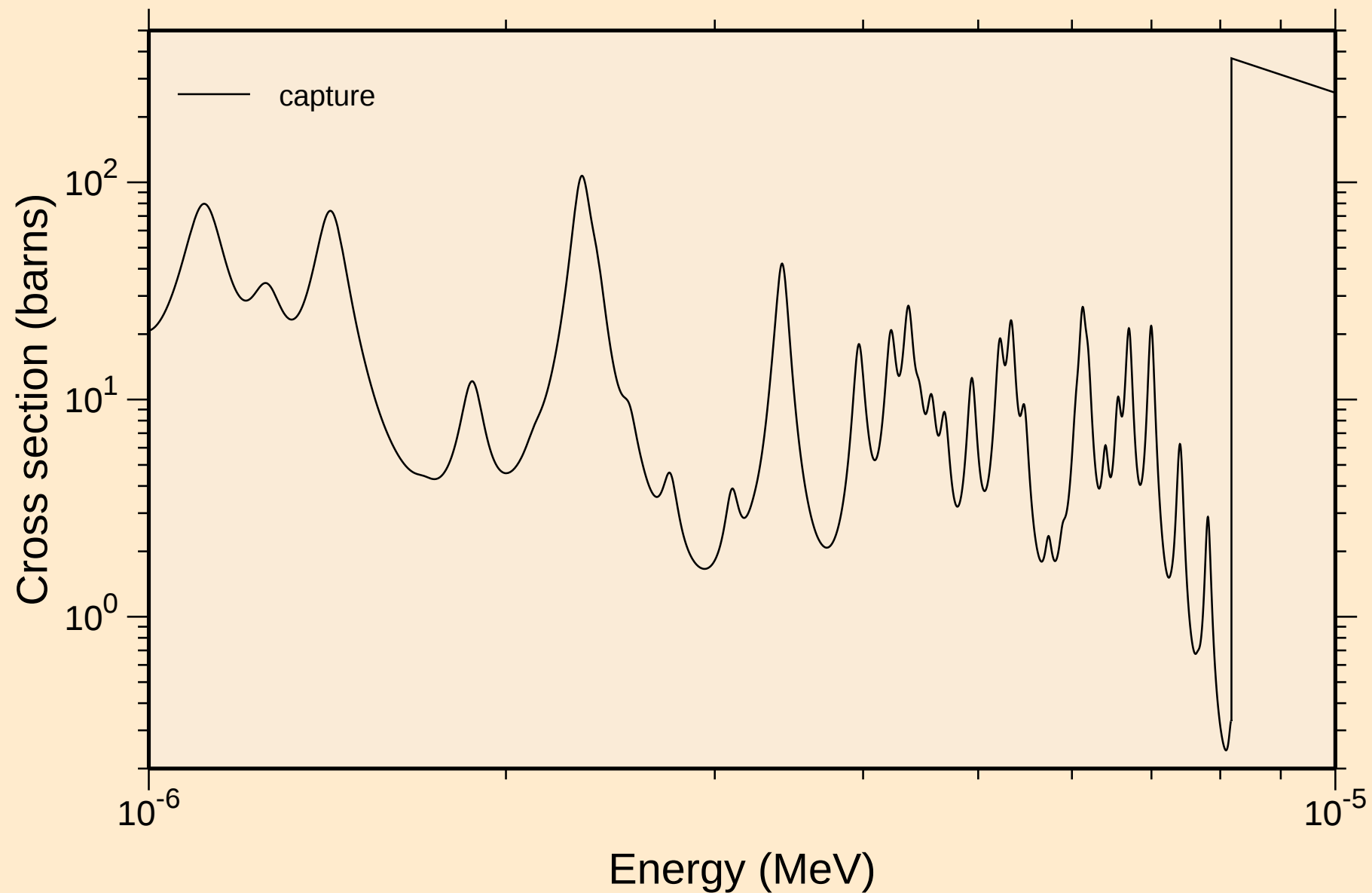
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



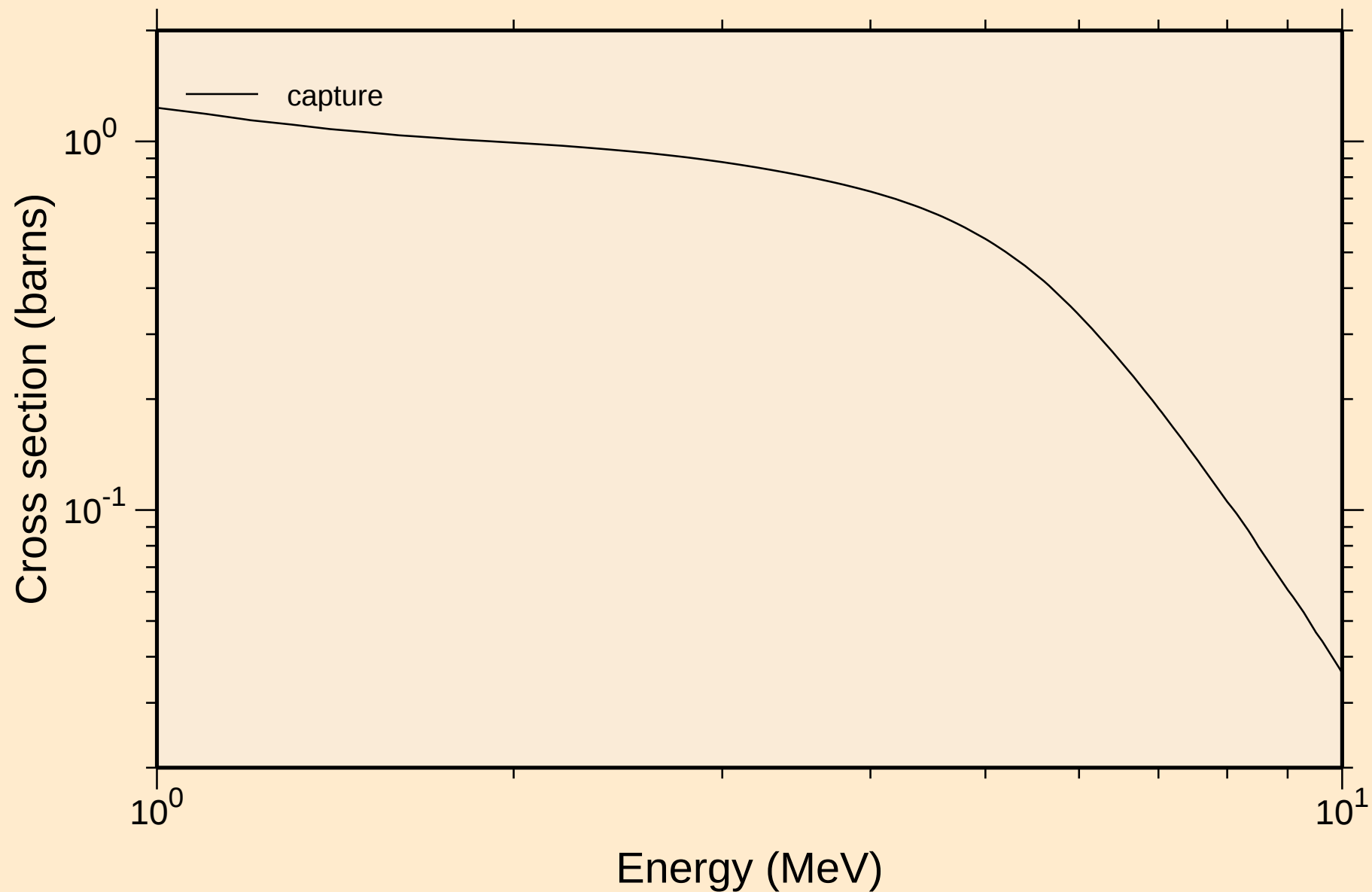
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

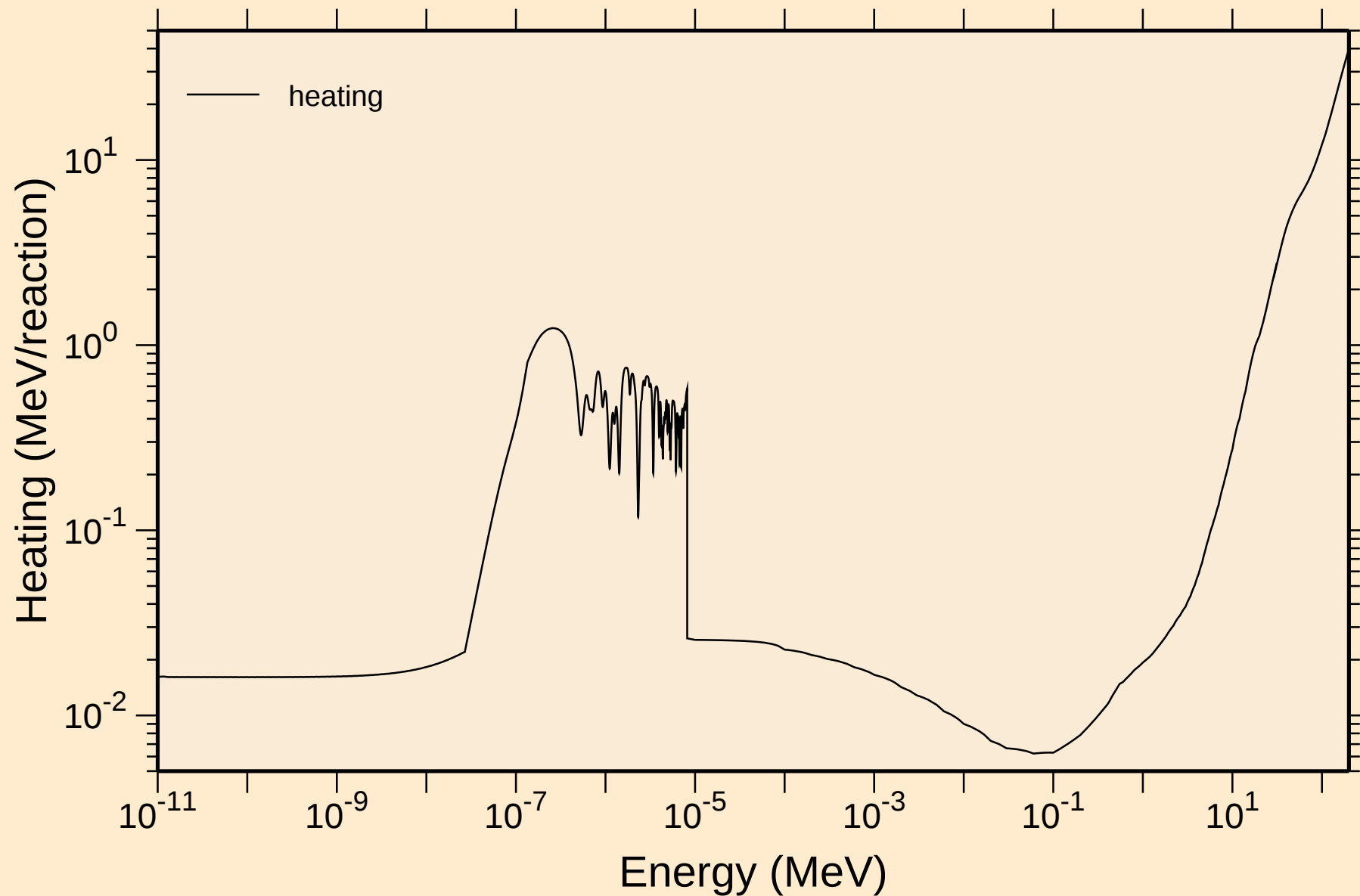


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



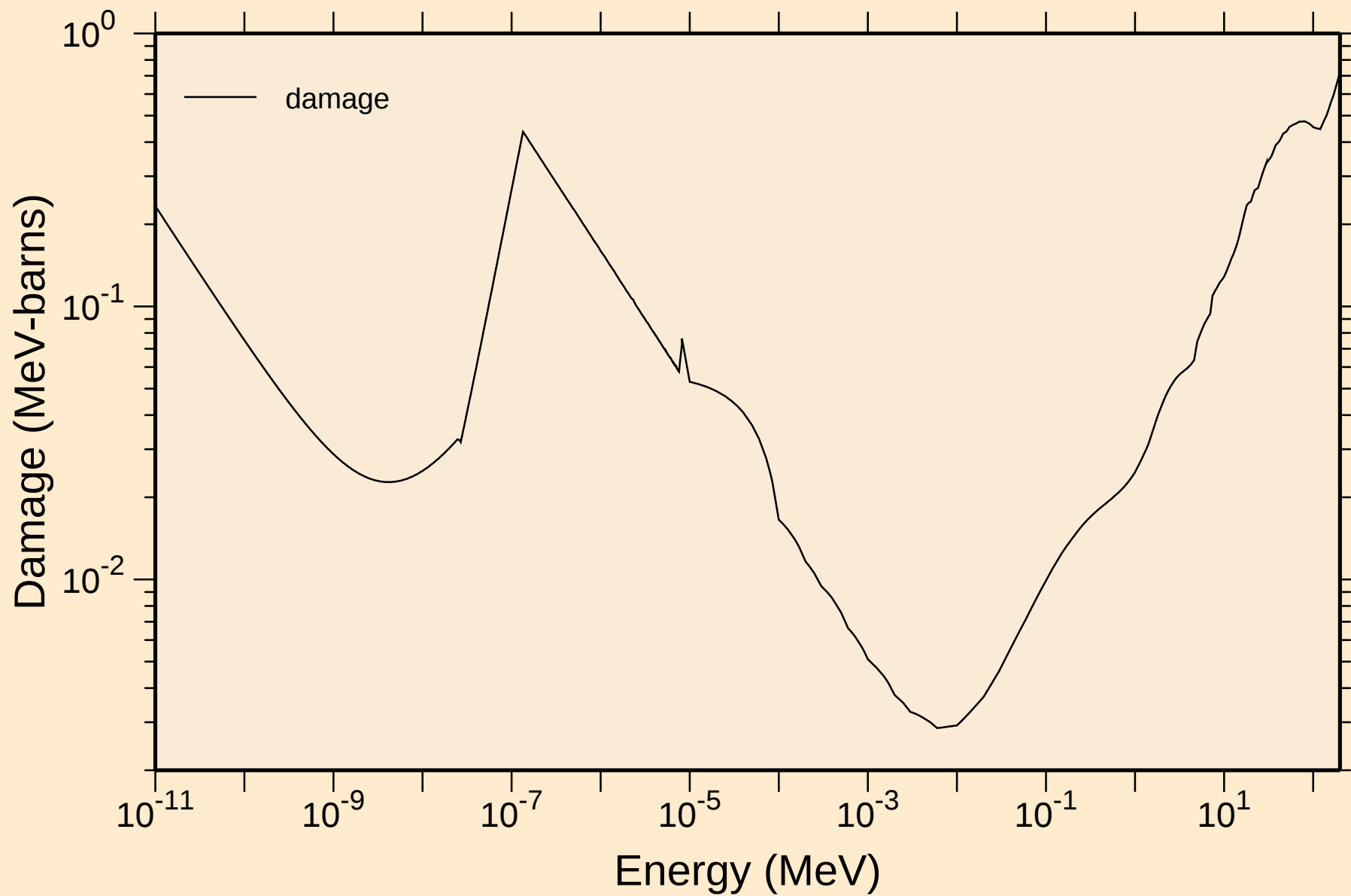
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

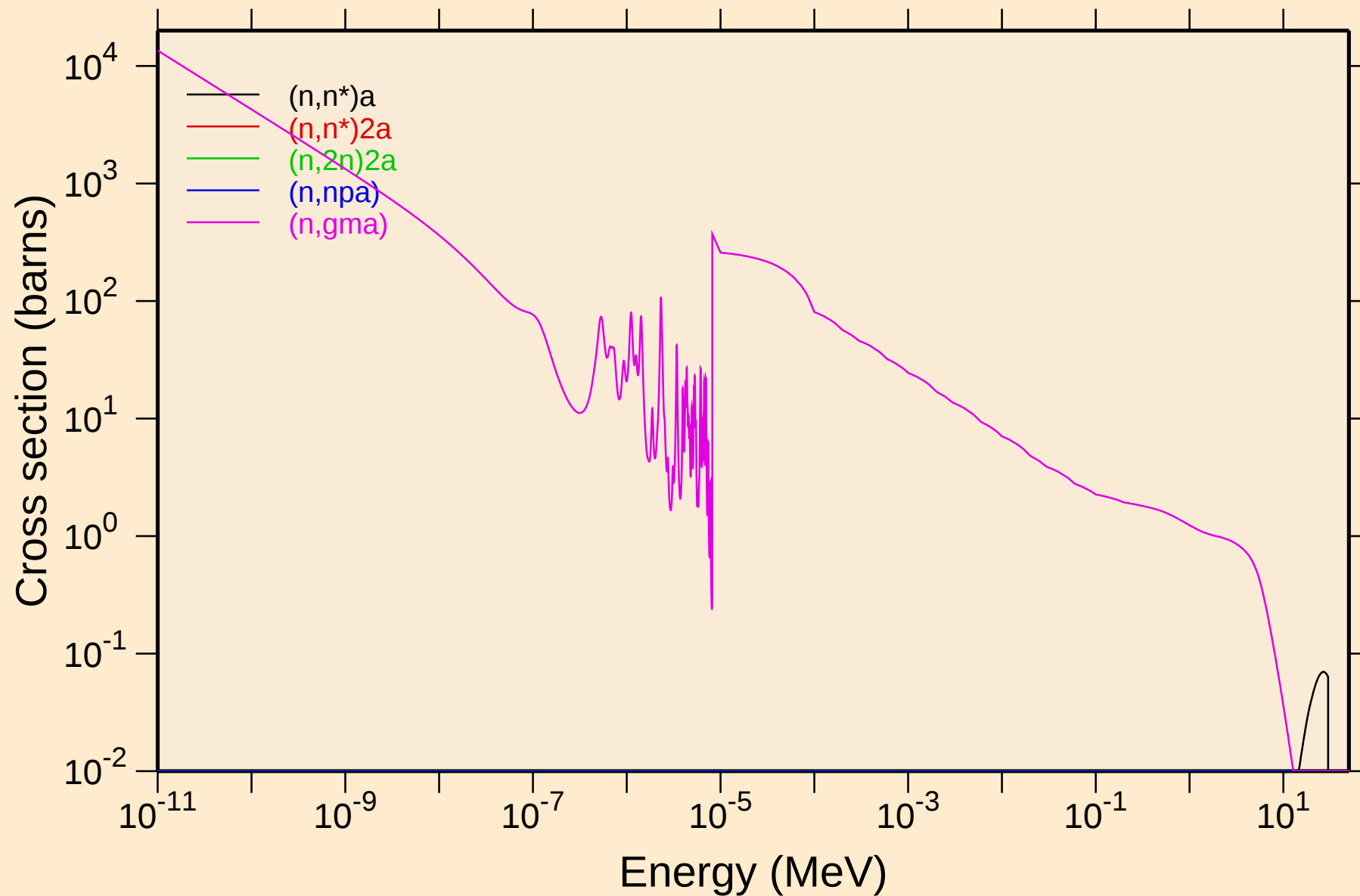


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

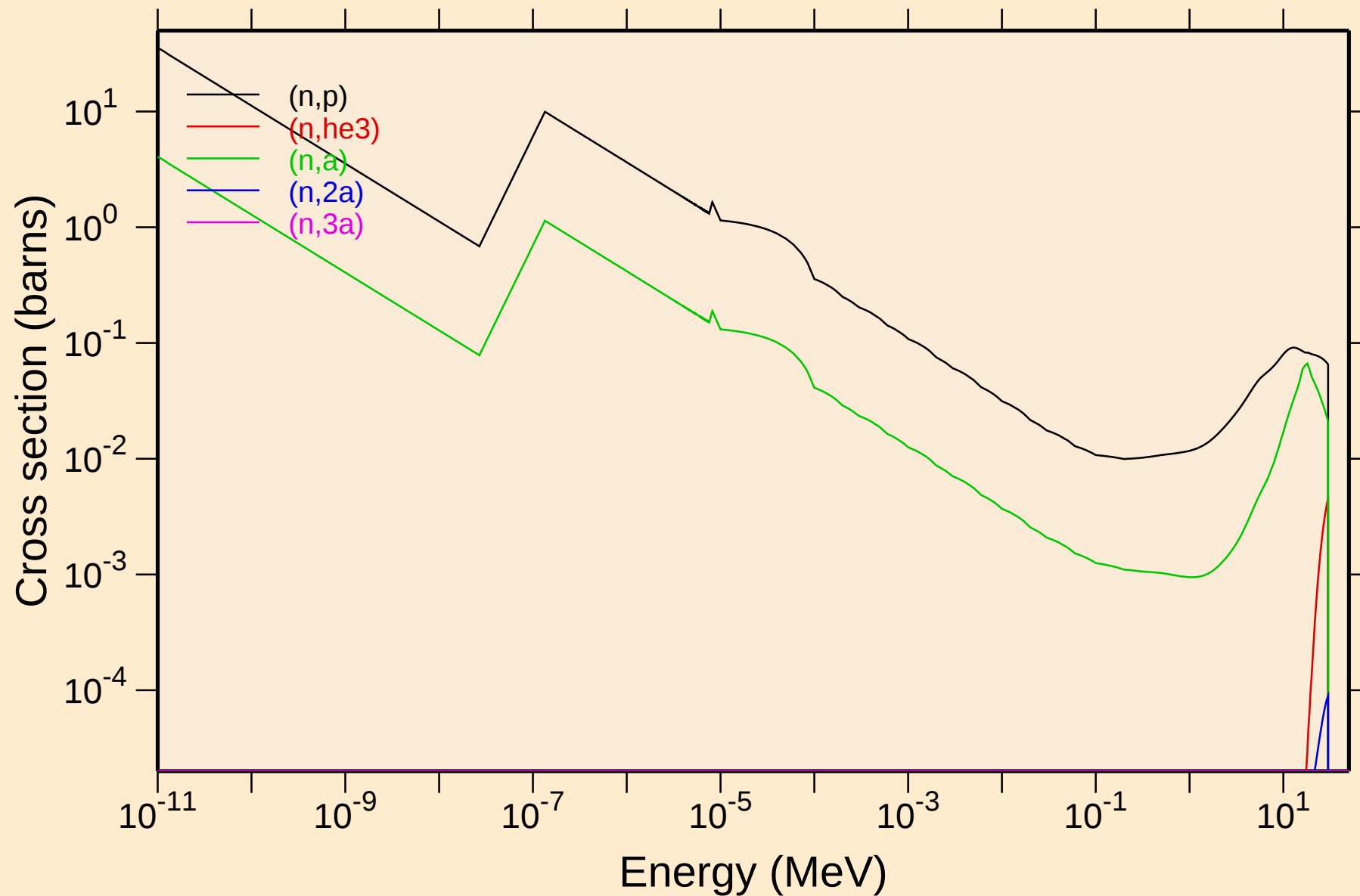
Damage



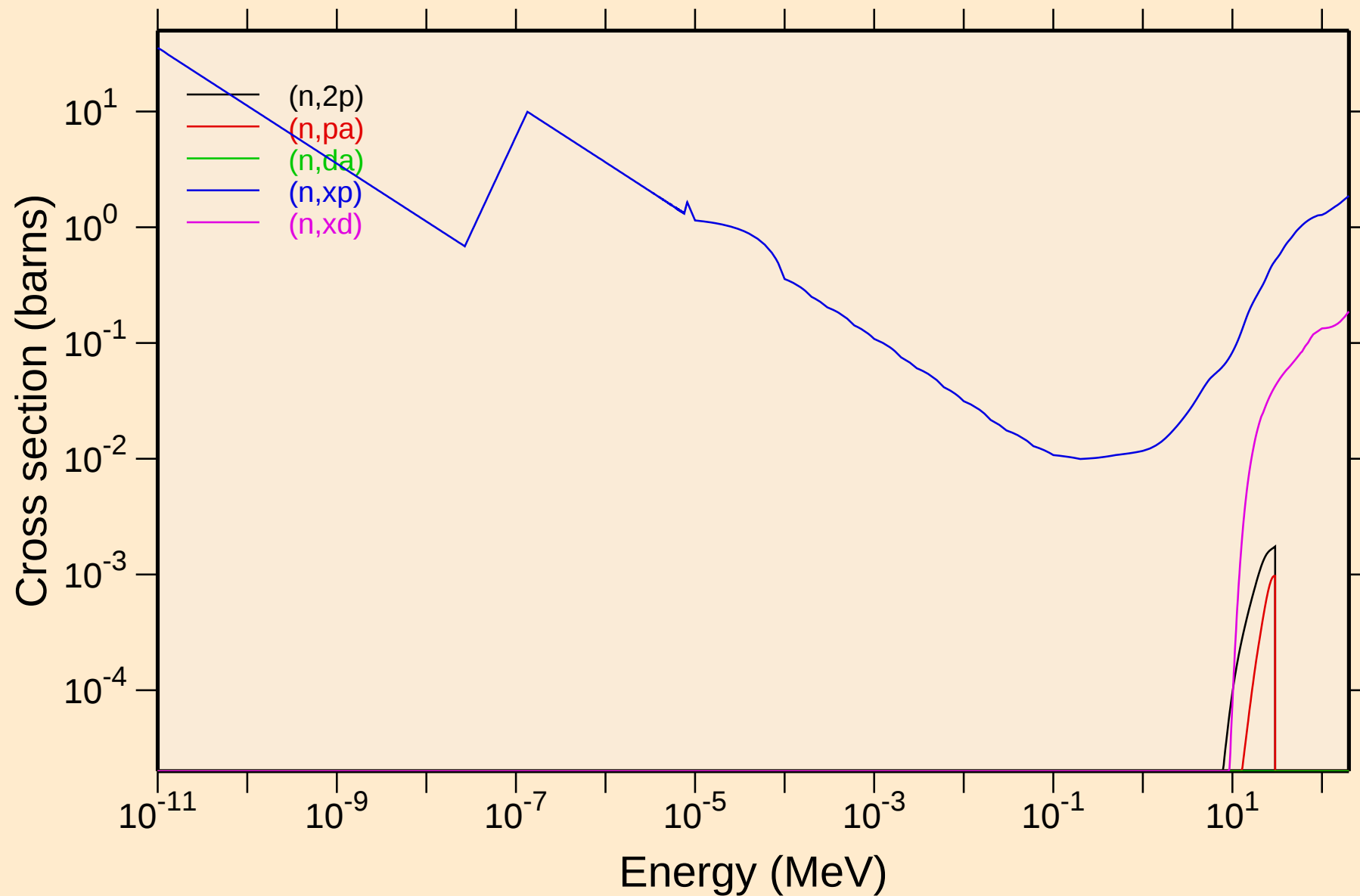
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



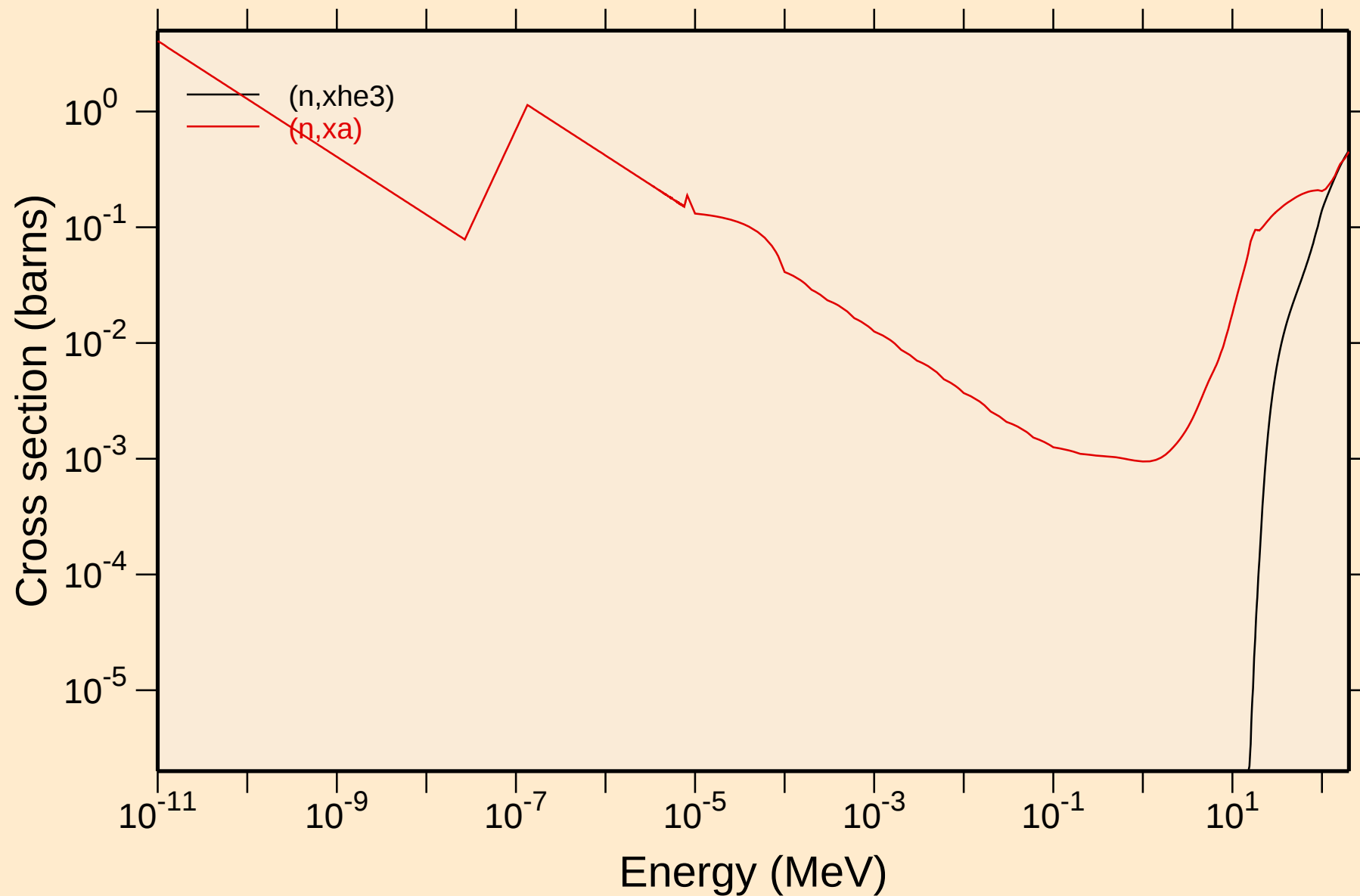
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

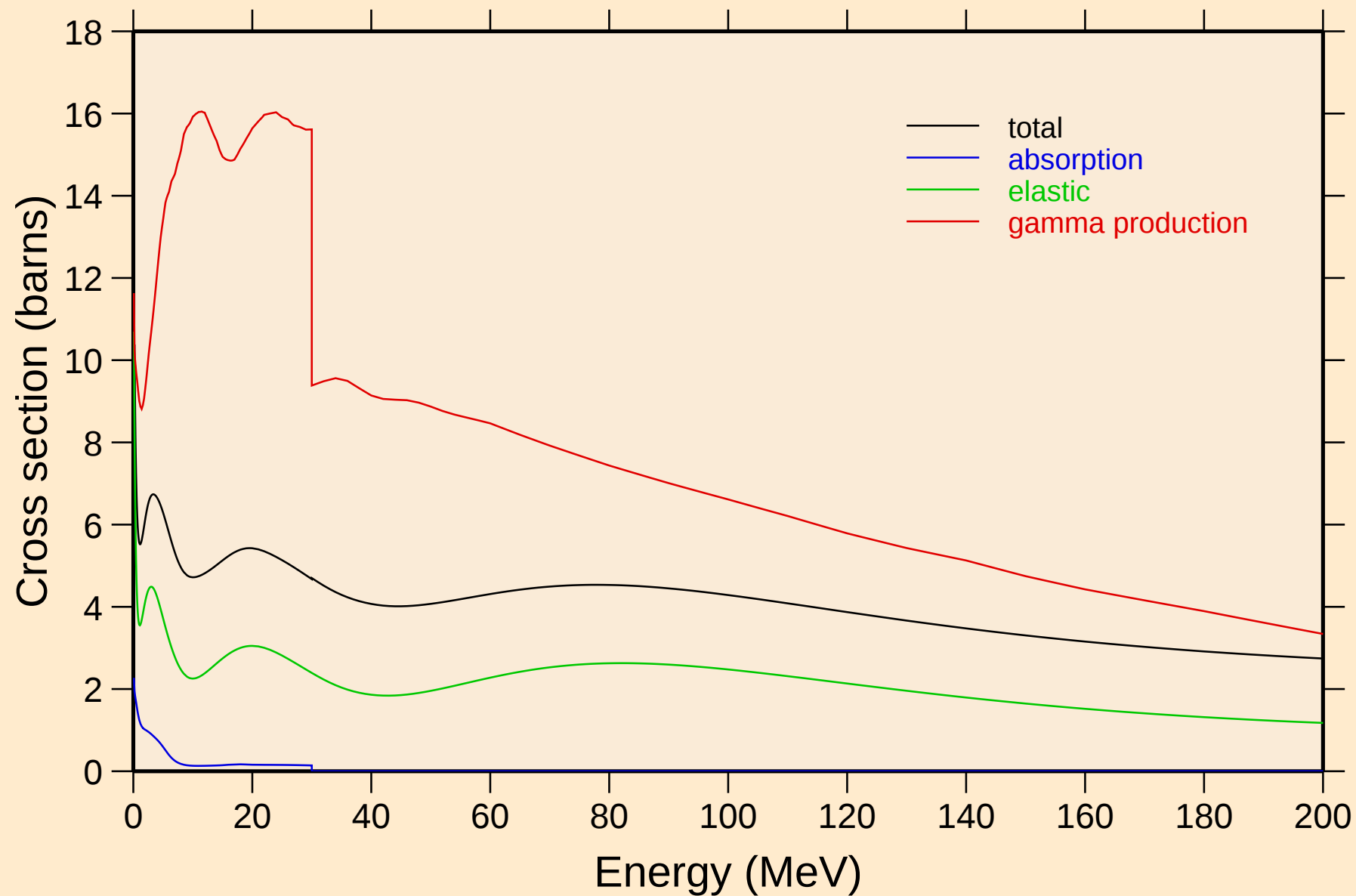


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



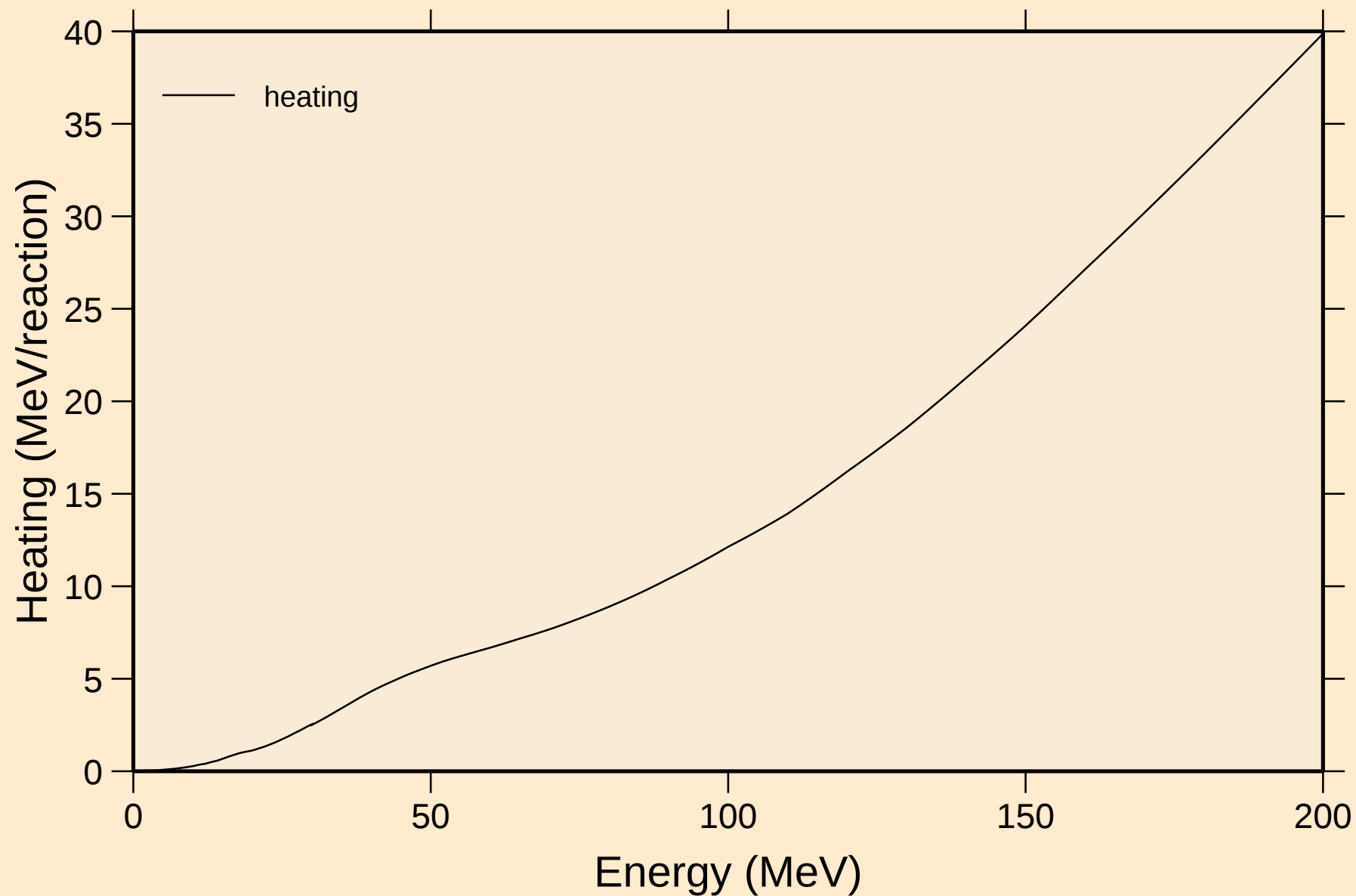
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



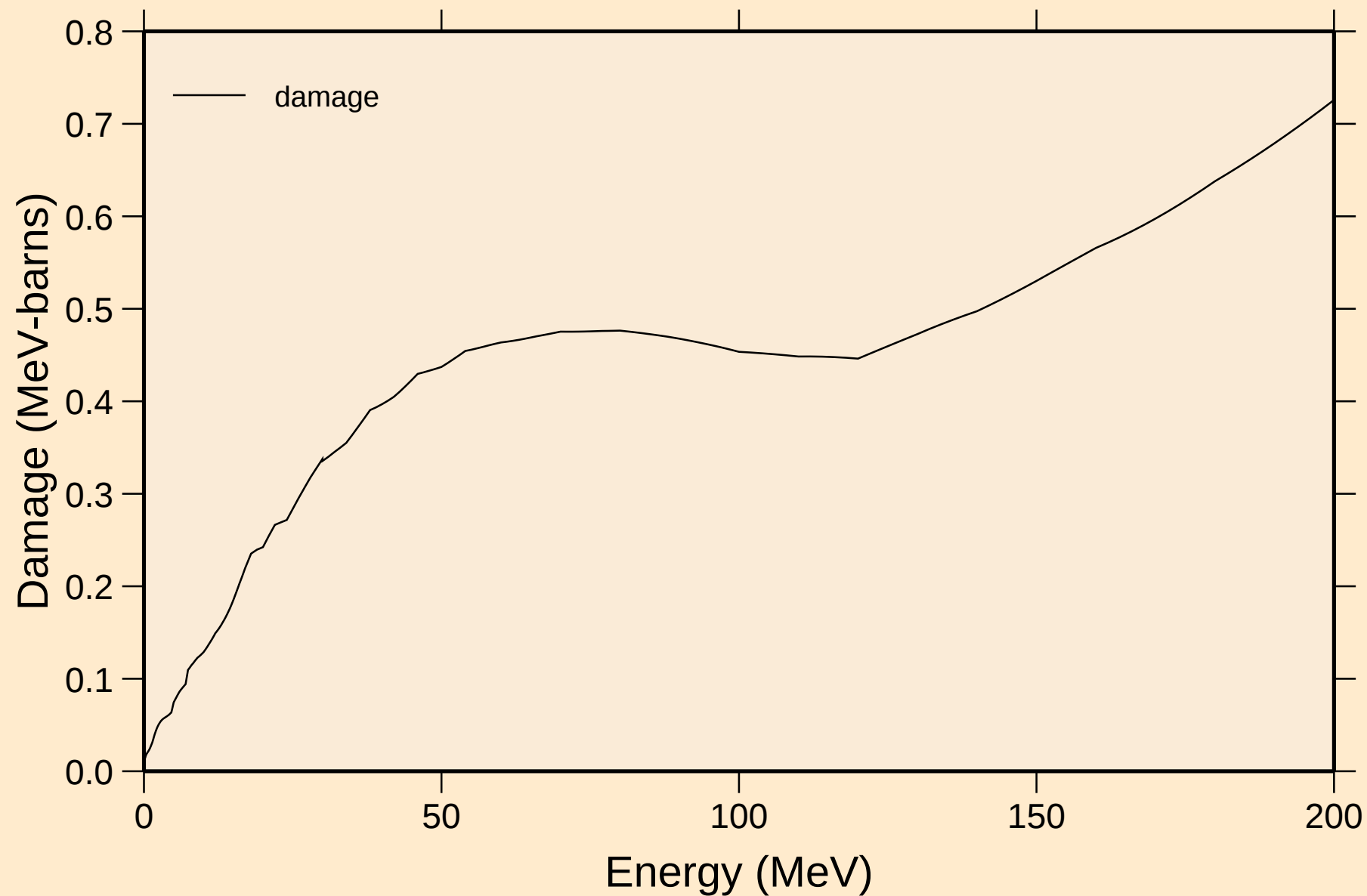
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

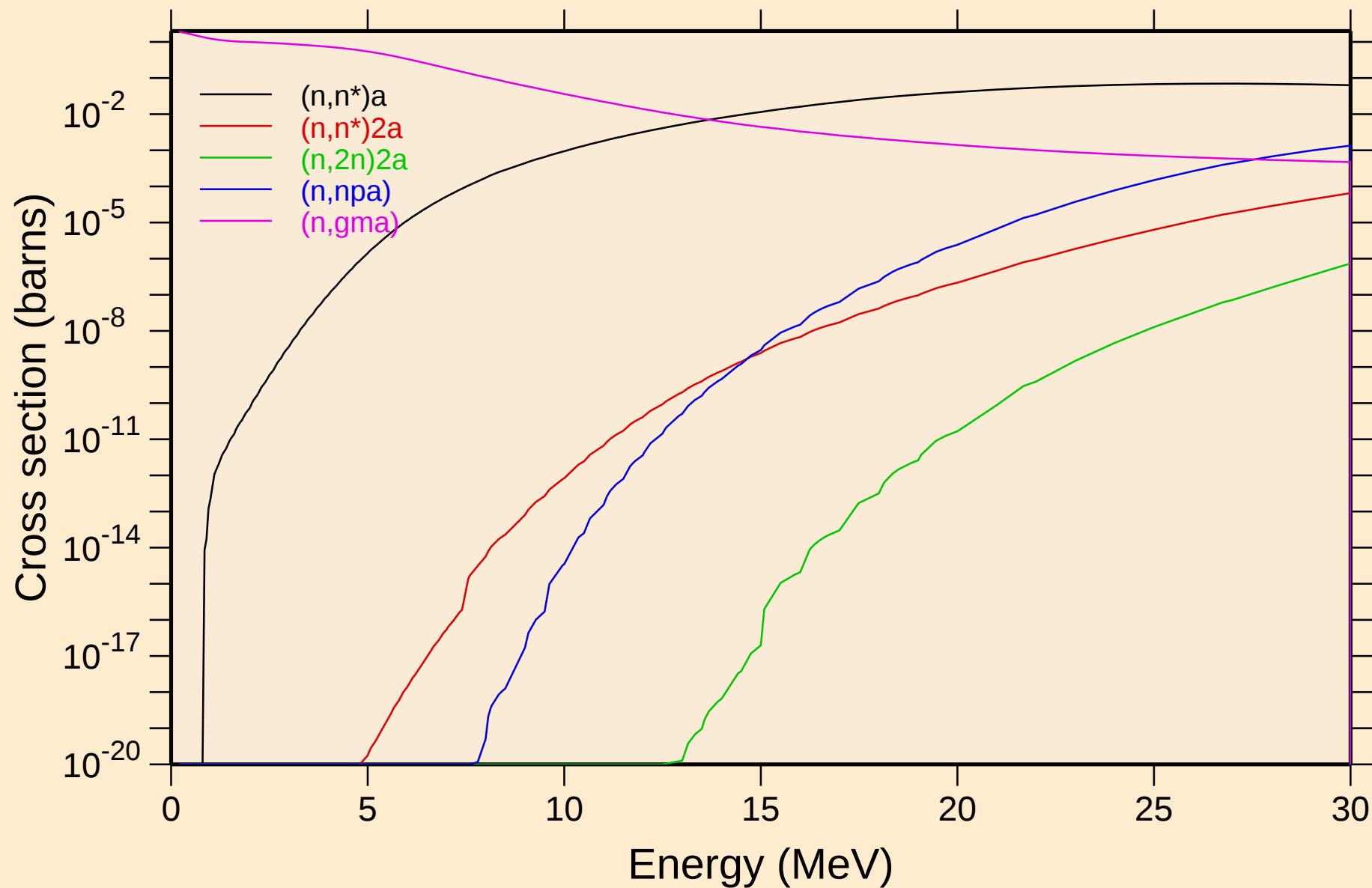


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

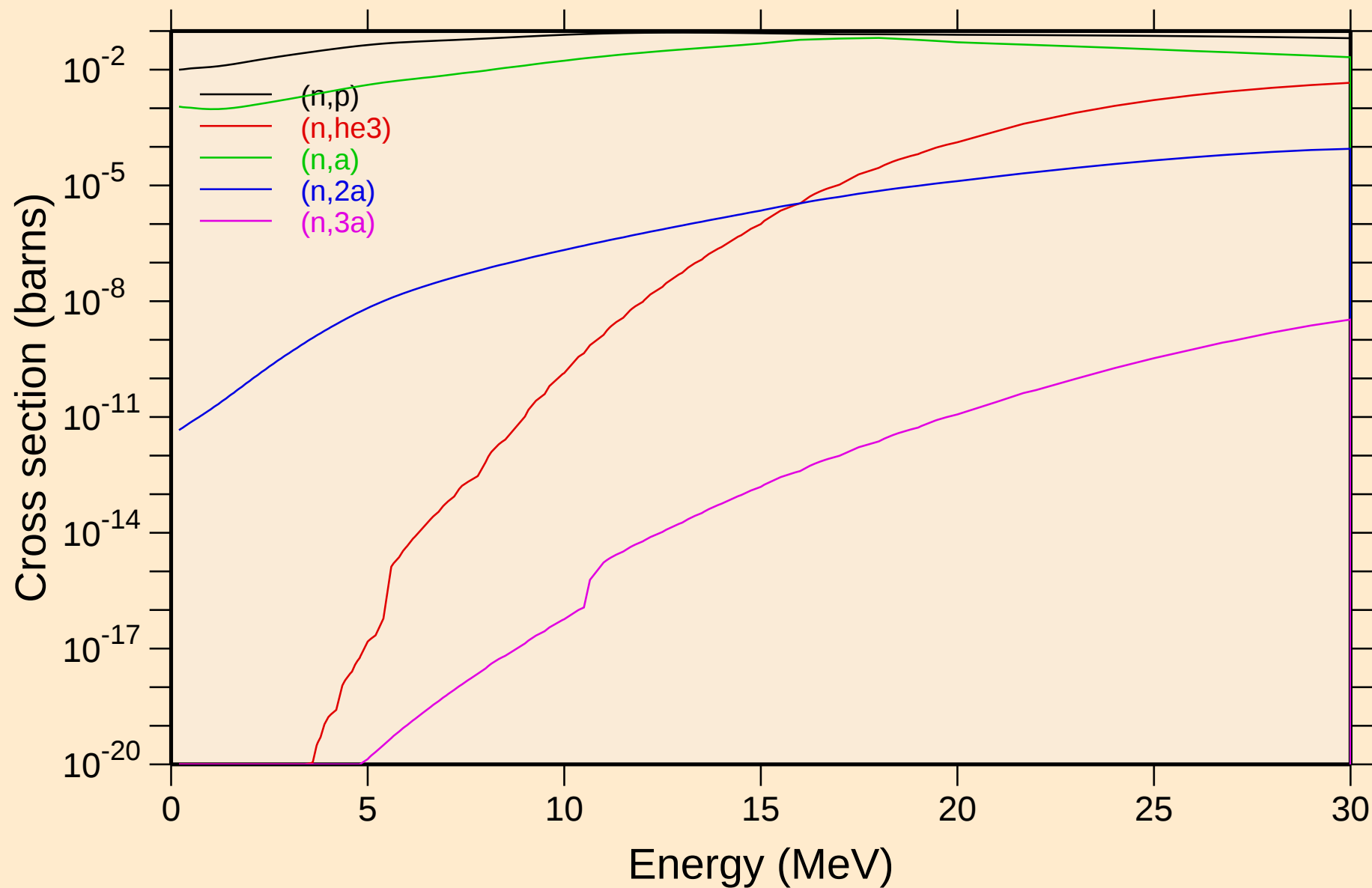
Damage



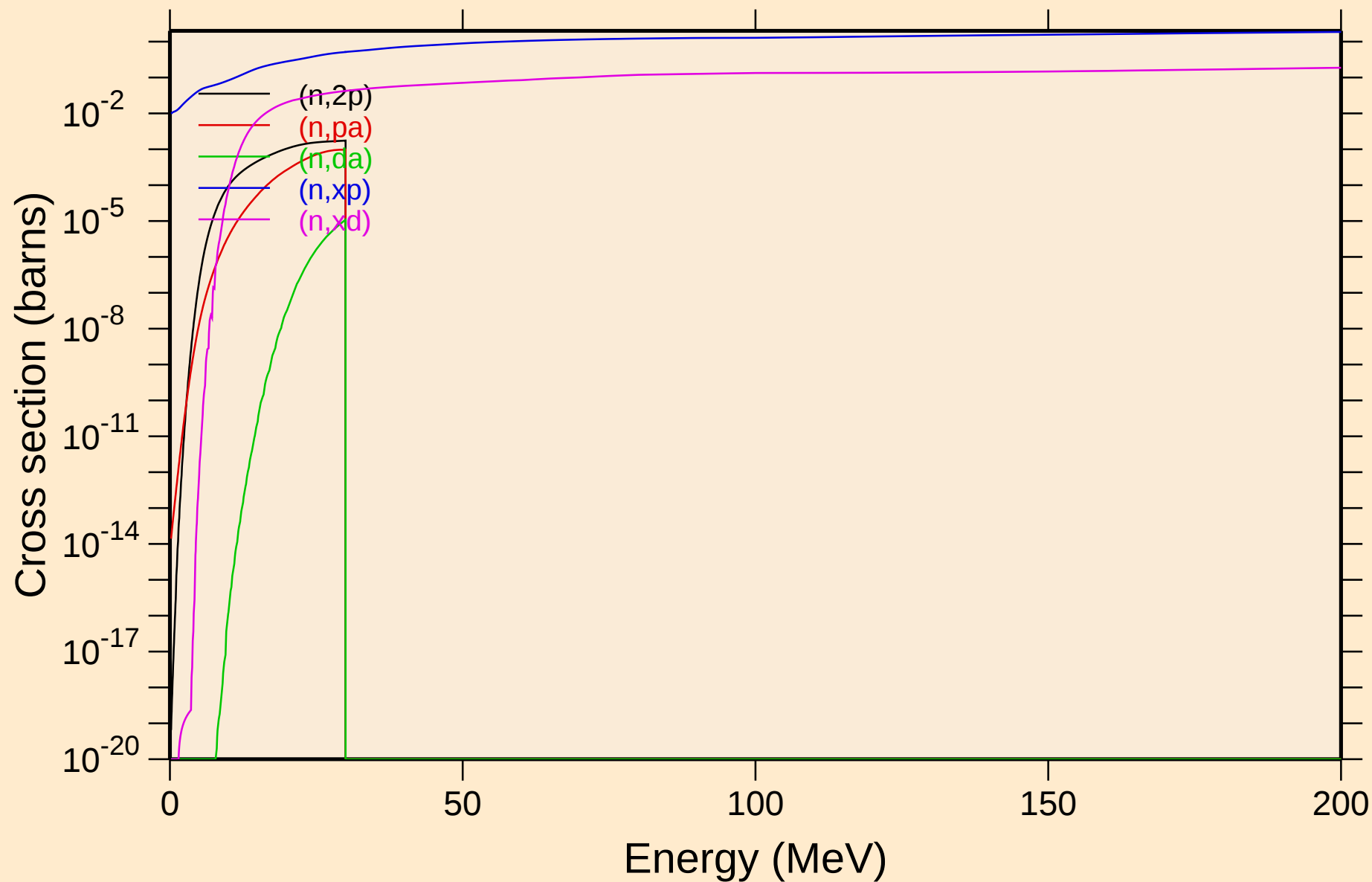
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



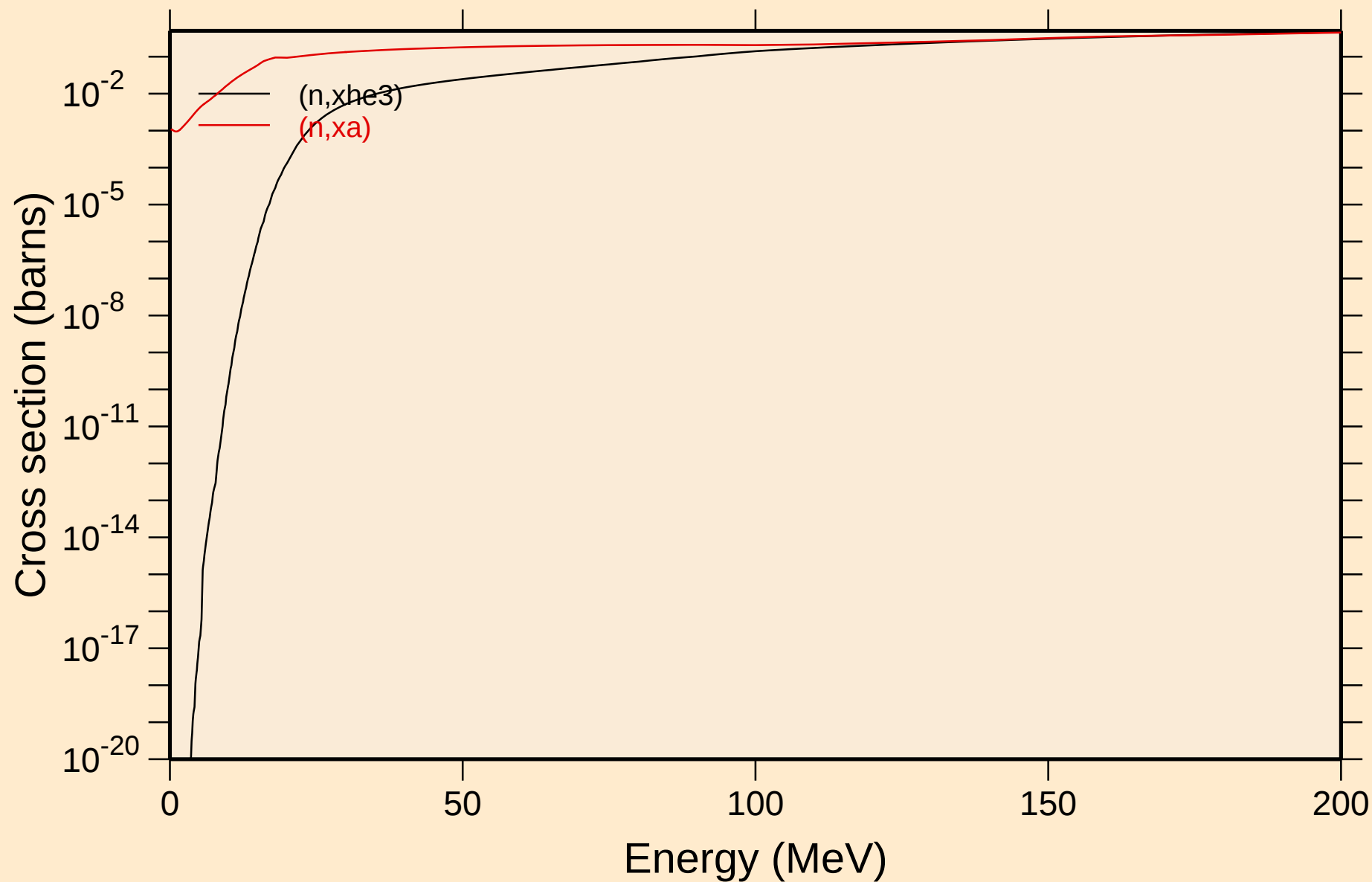
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

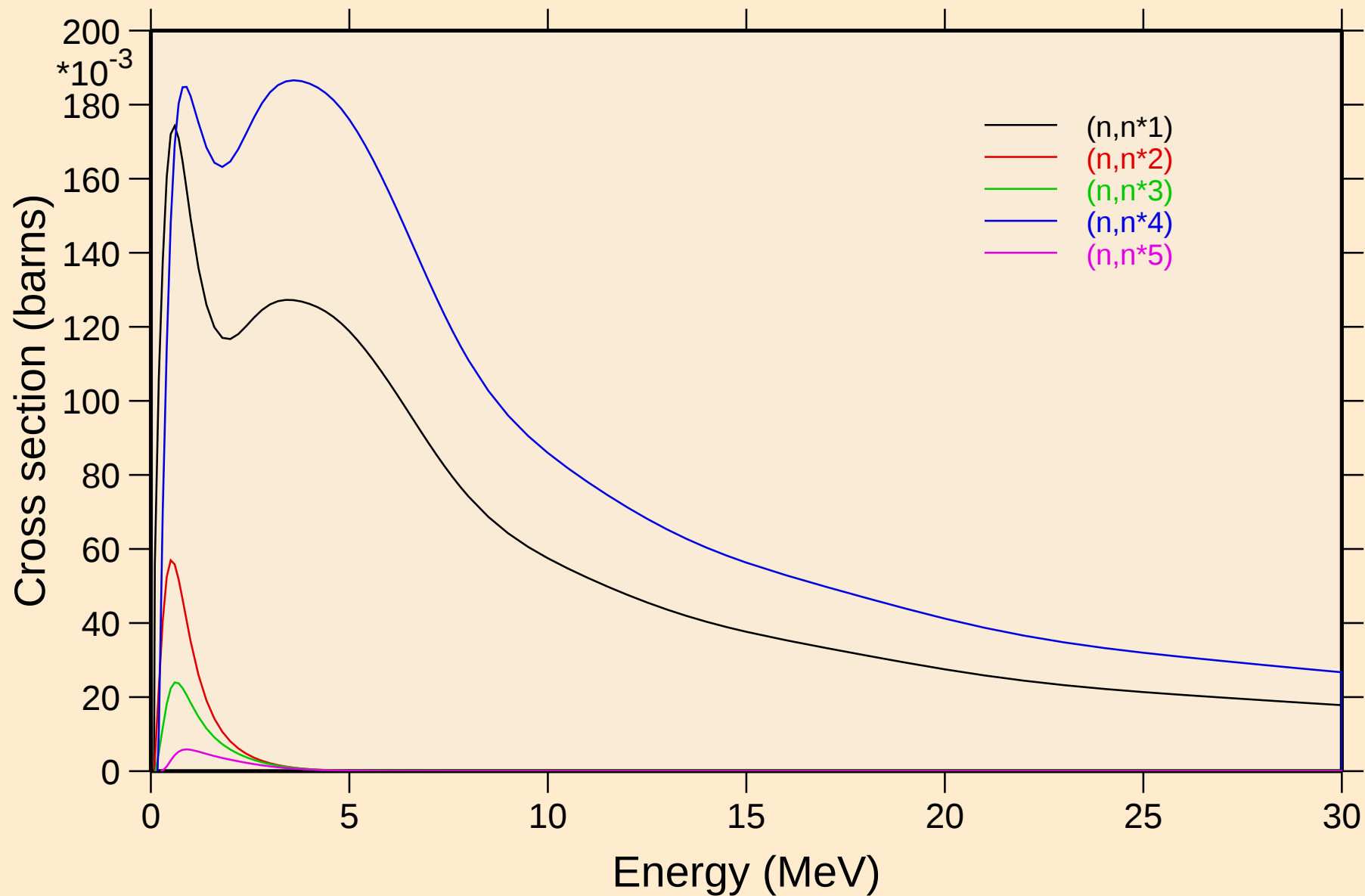


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



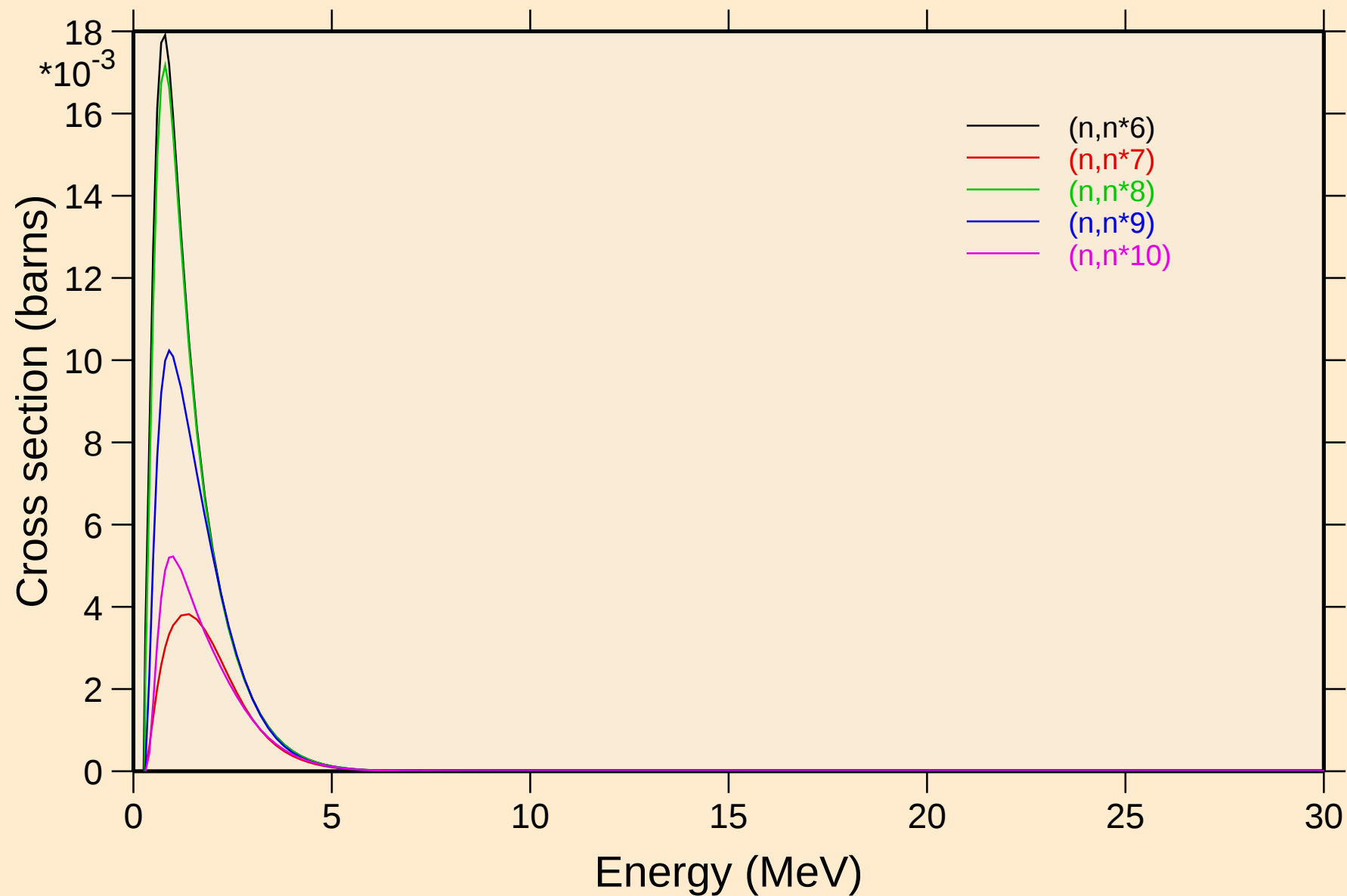
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



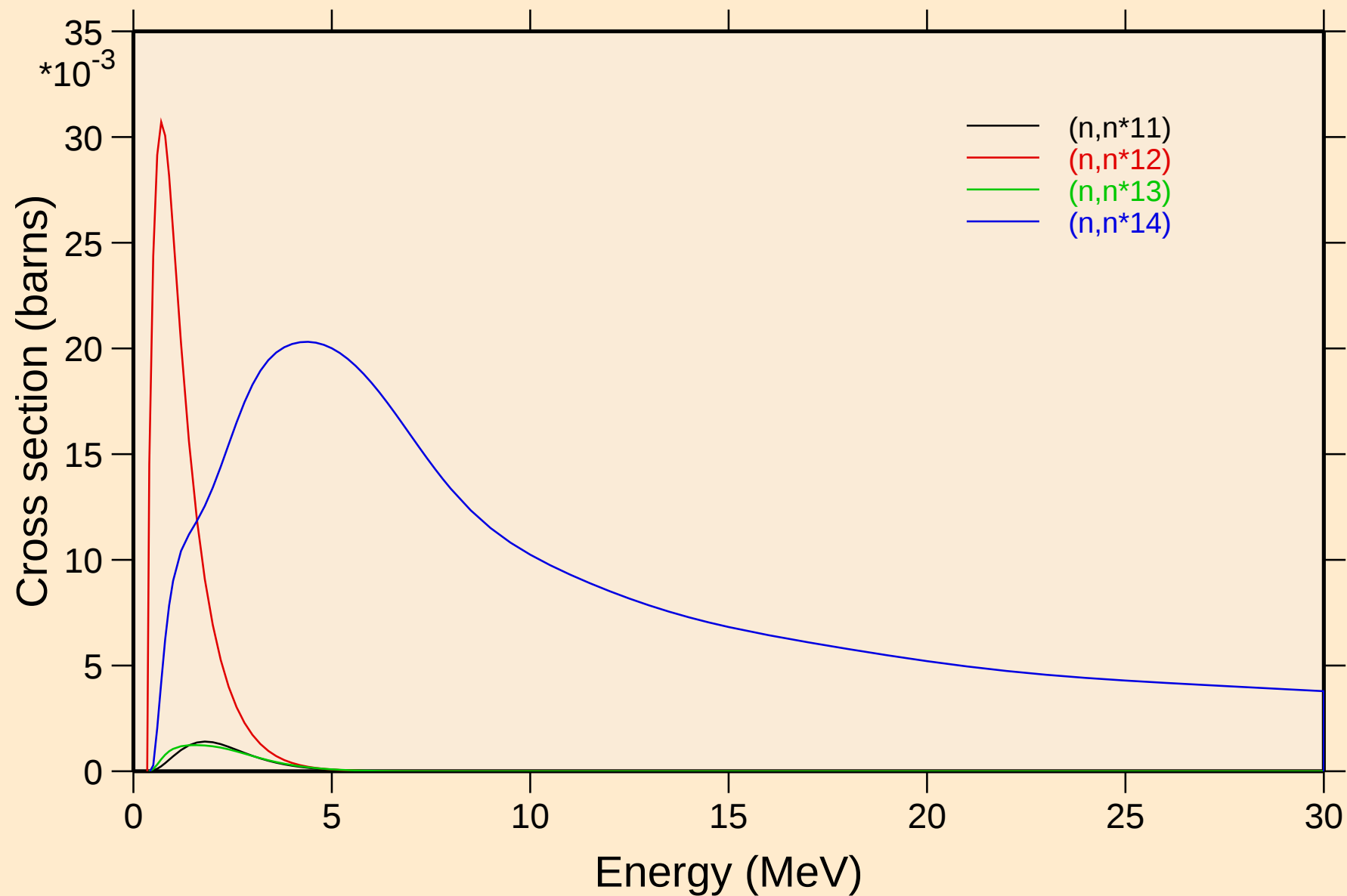
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



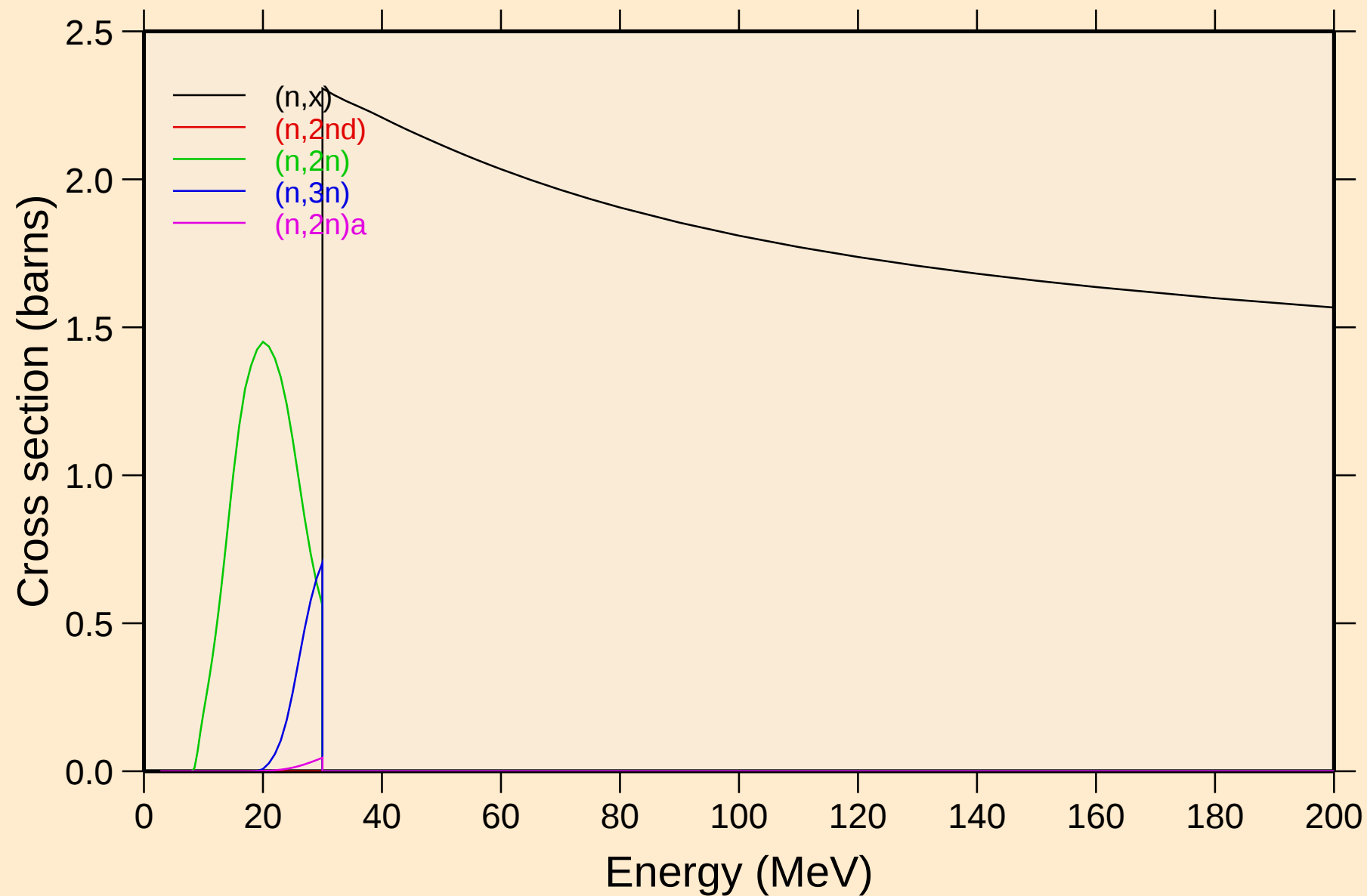
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

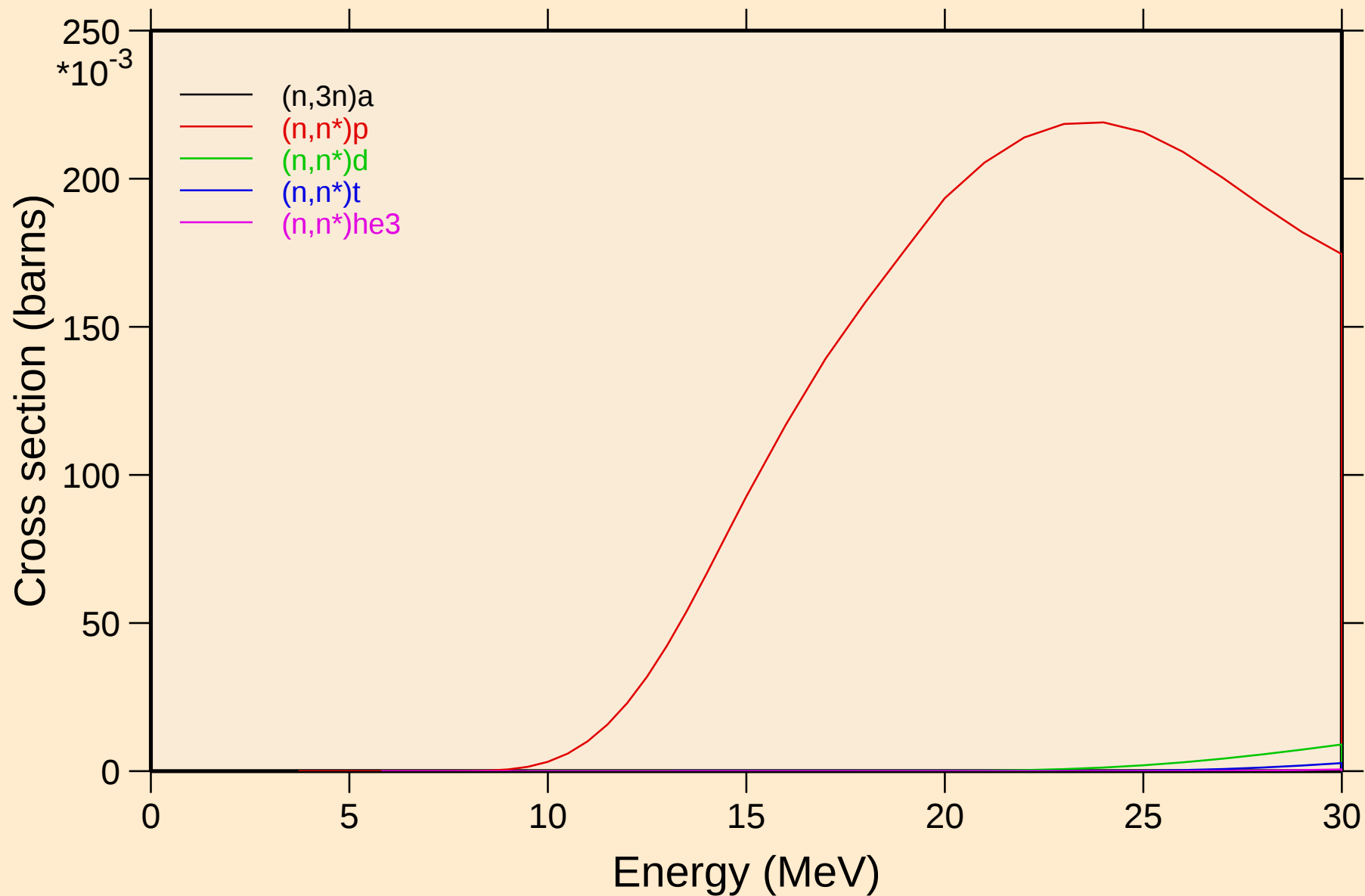


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

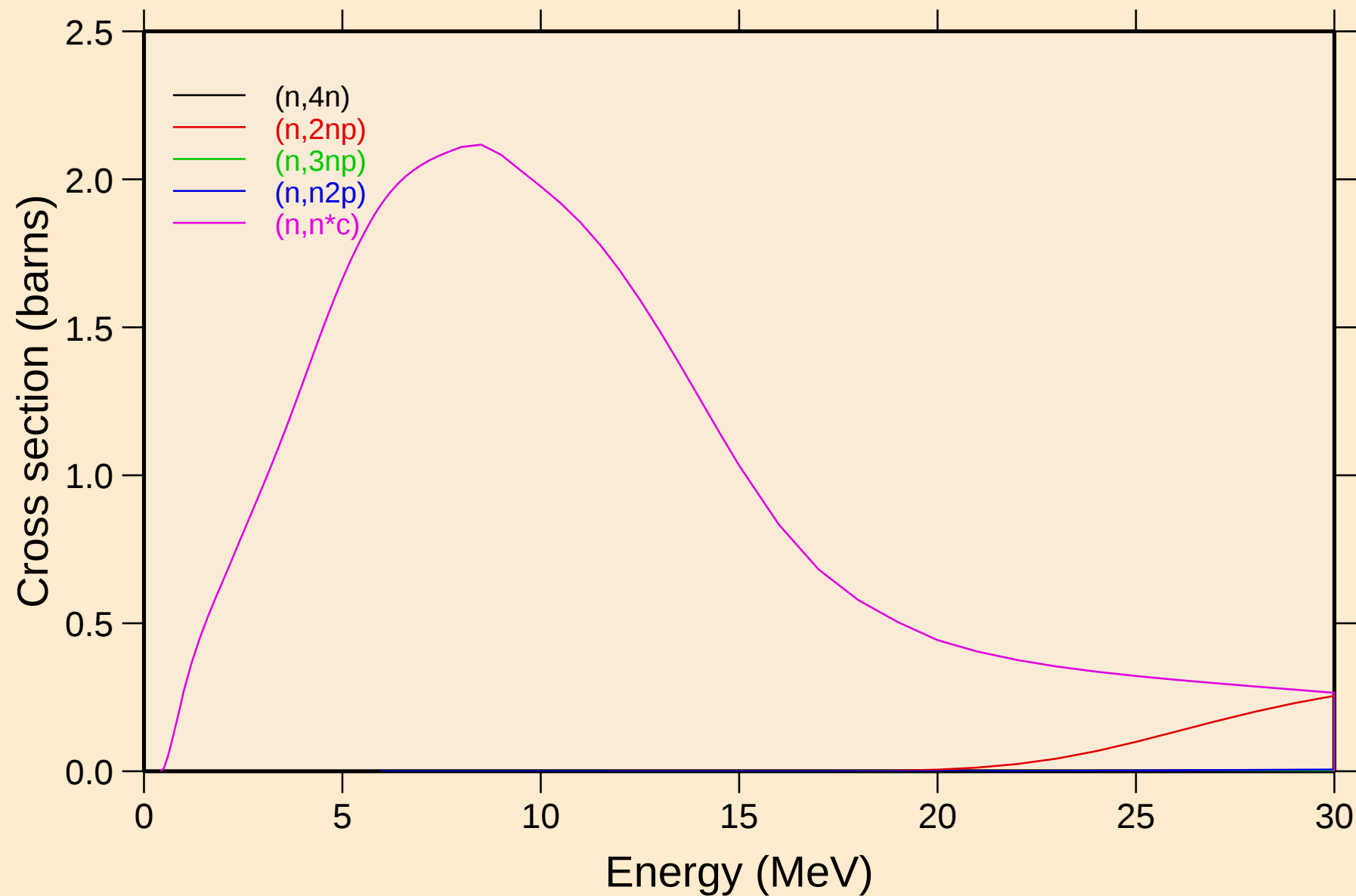
Threshold reactions



PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

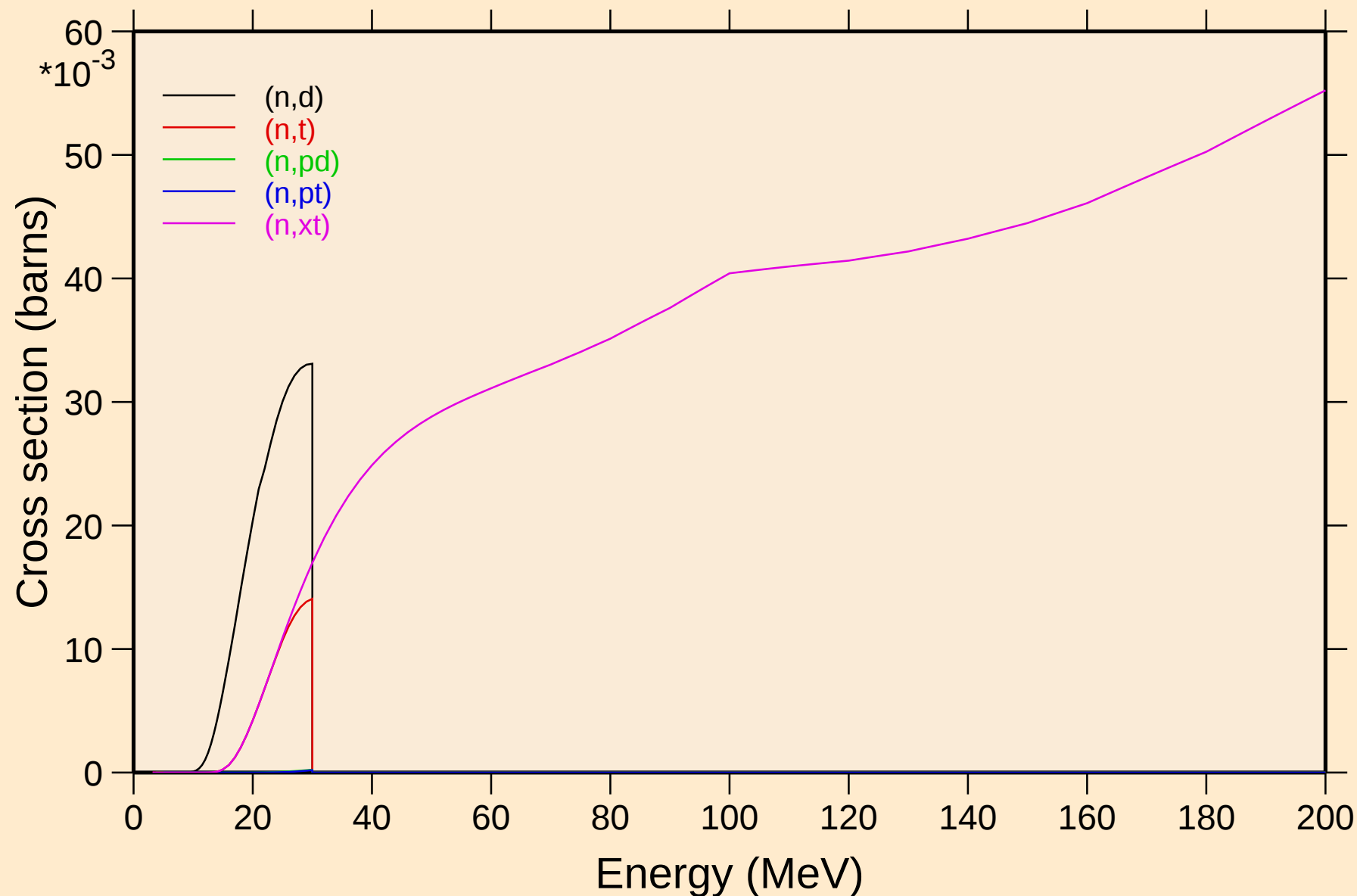


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions

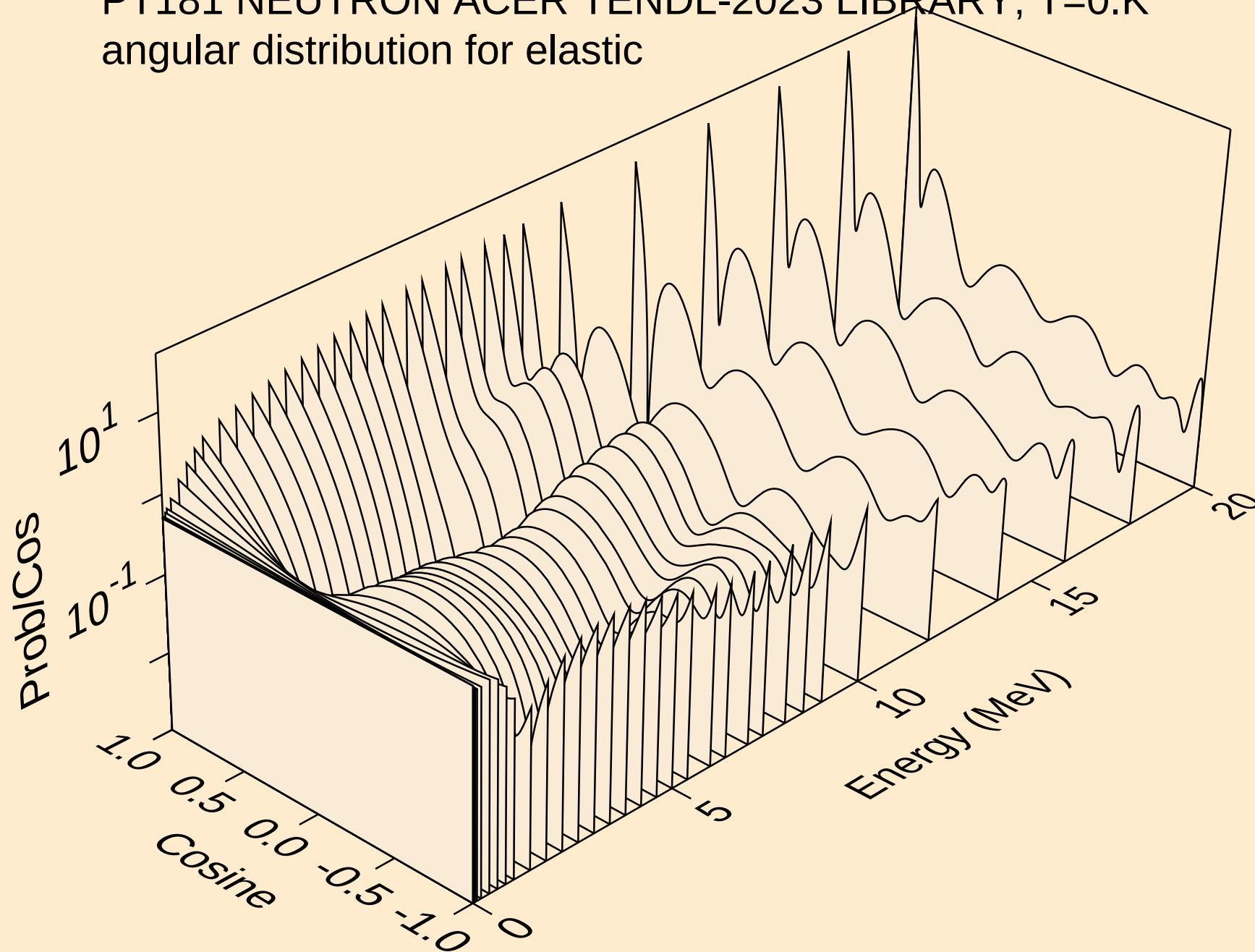


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

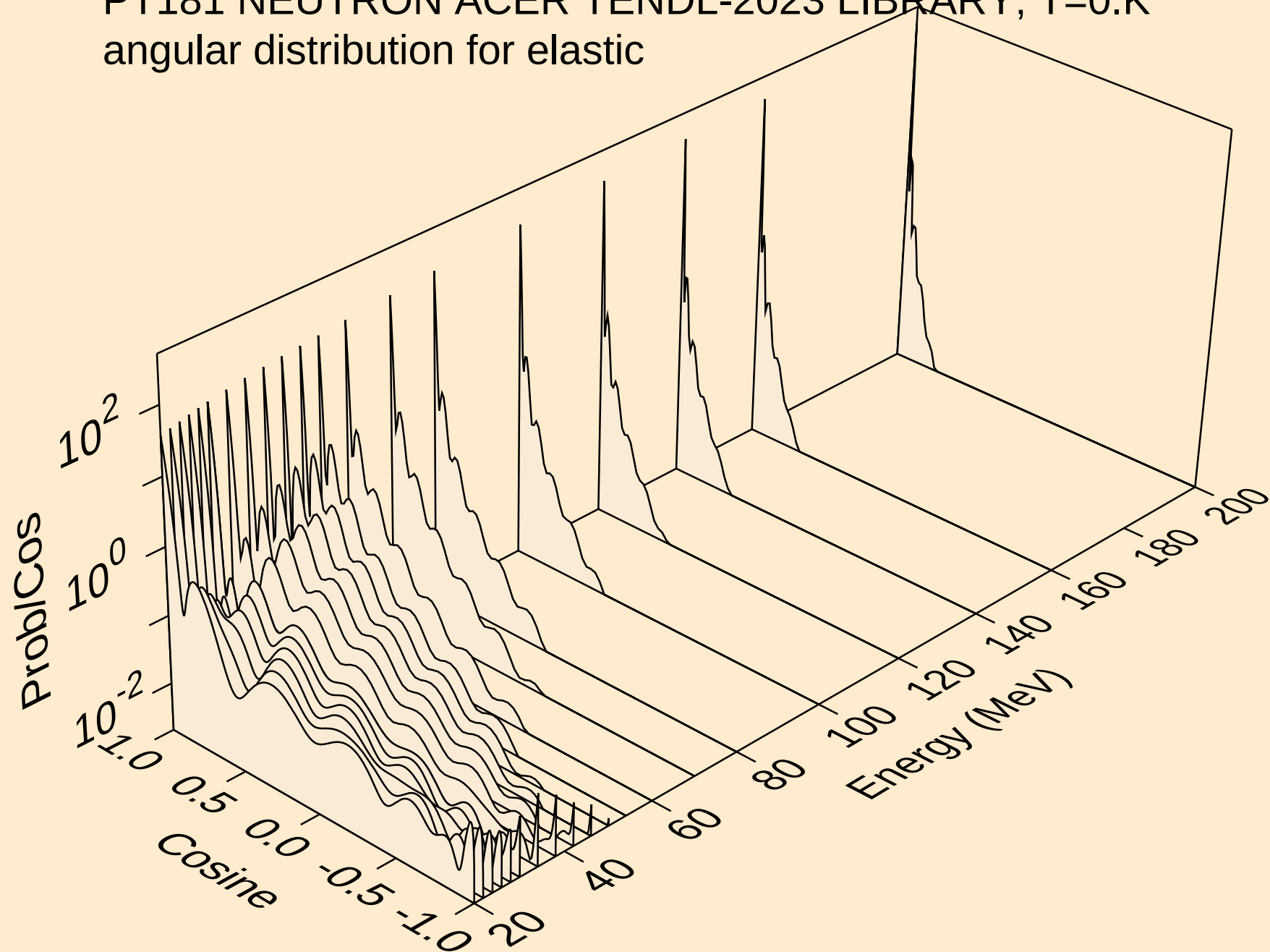
Threshold reactions



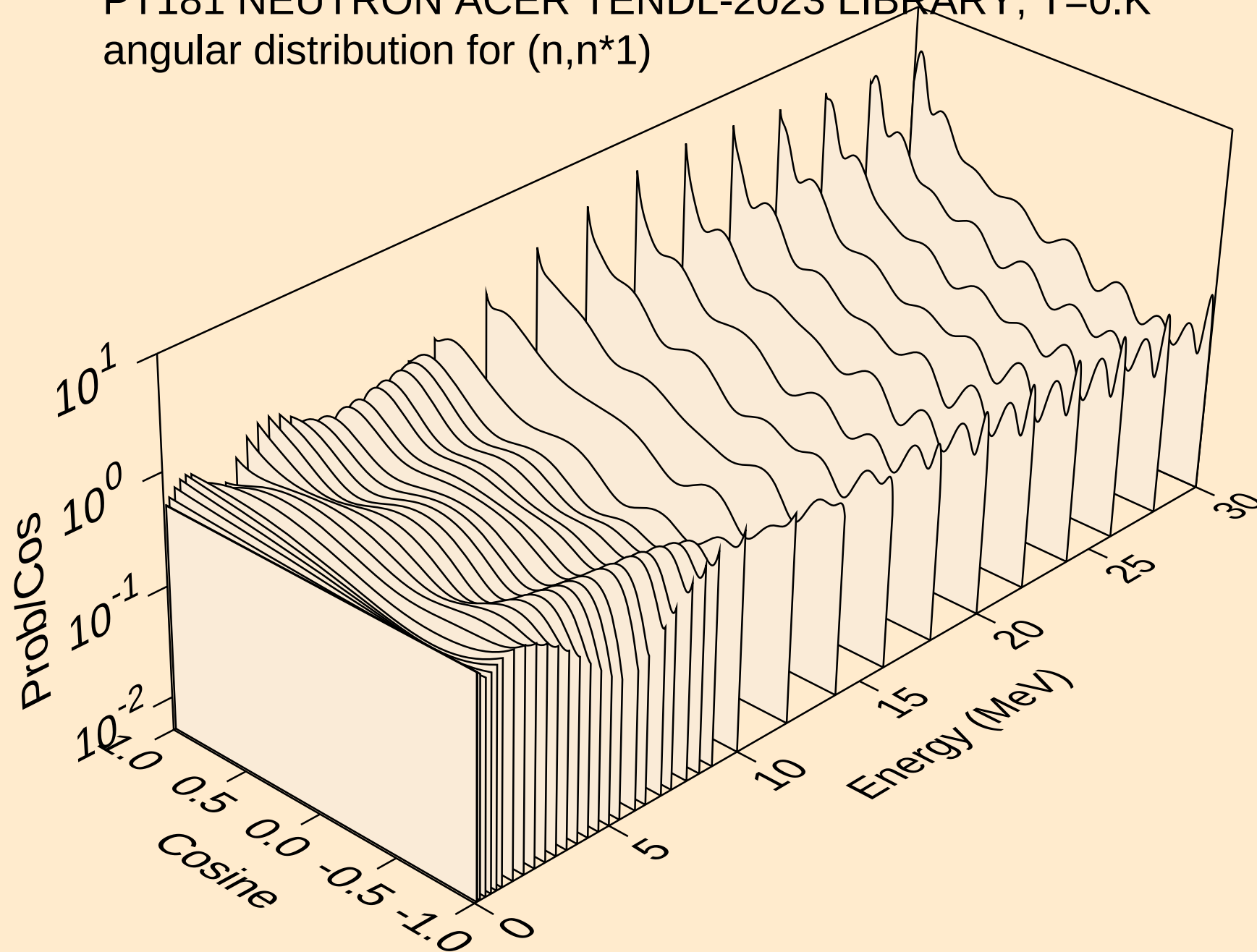
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



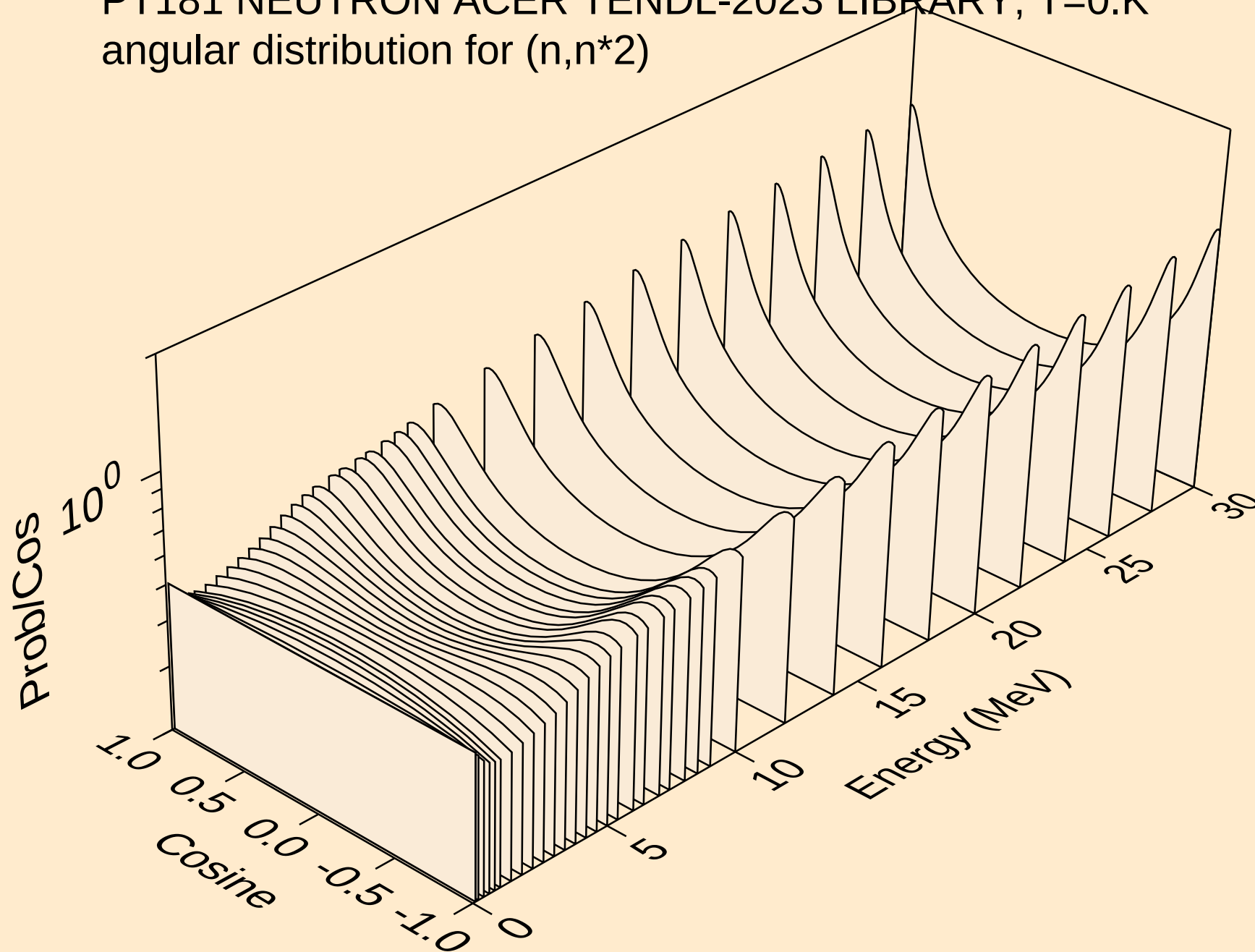
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



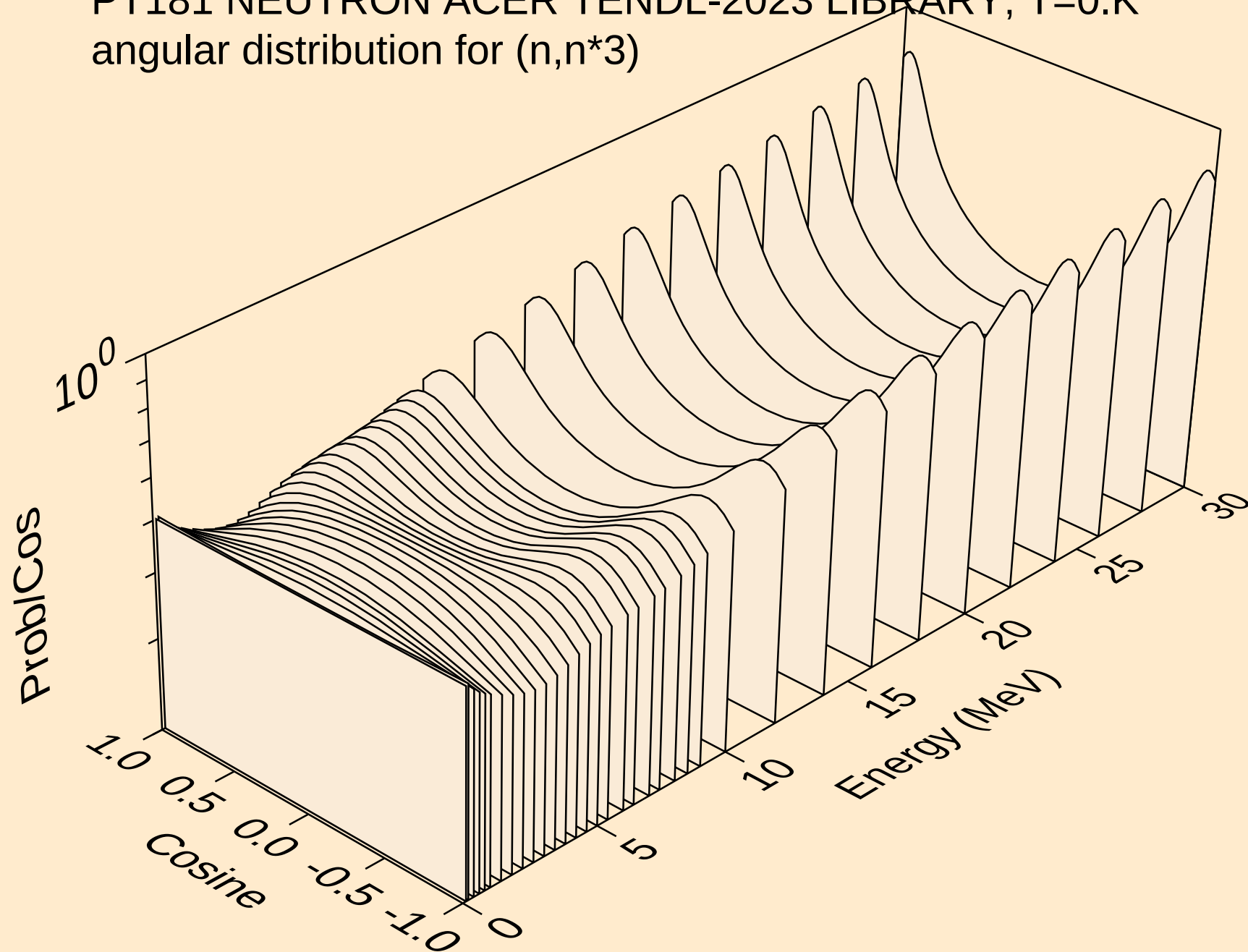
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



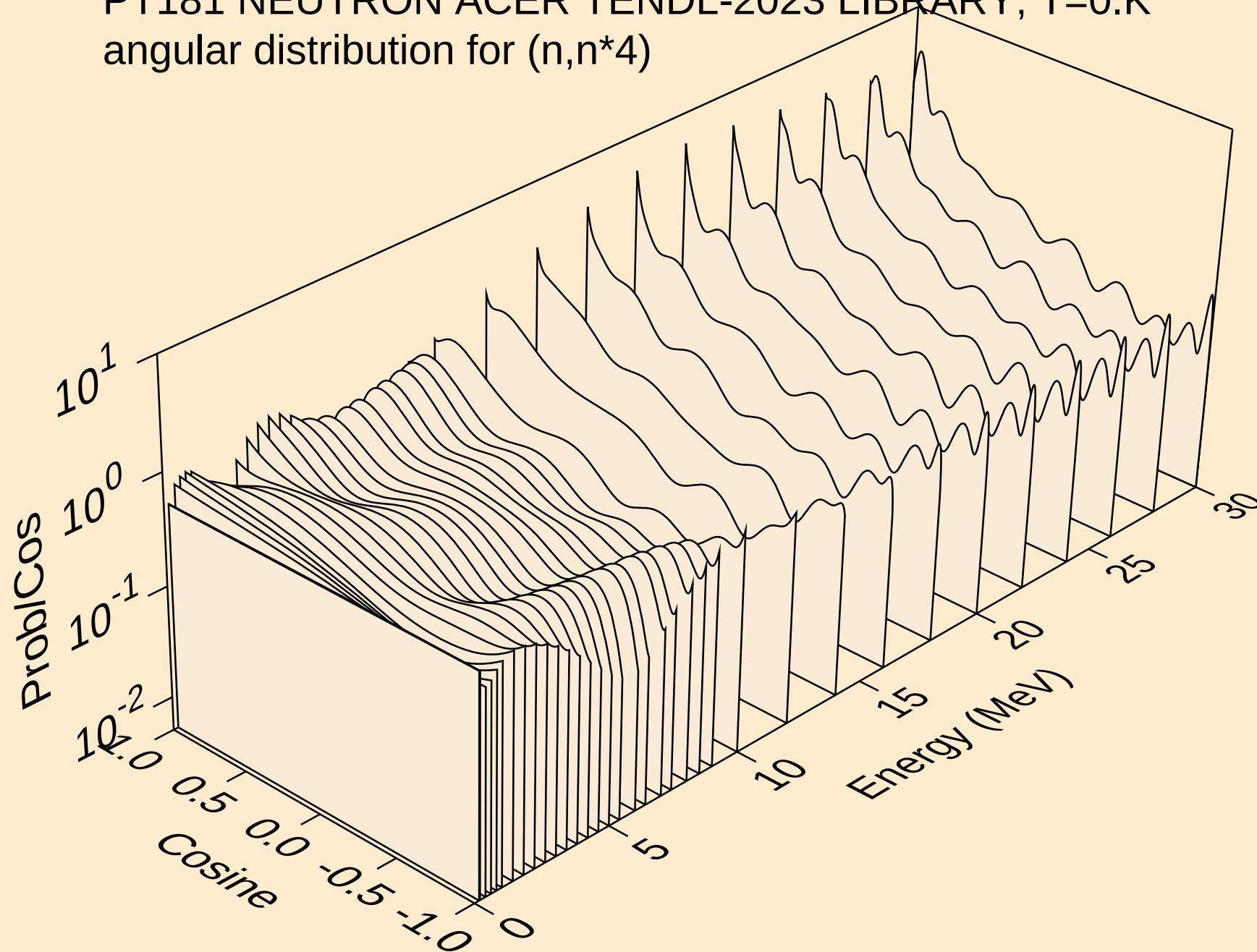
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



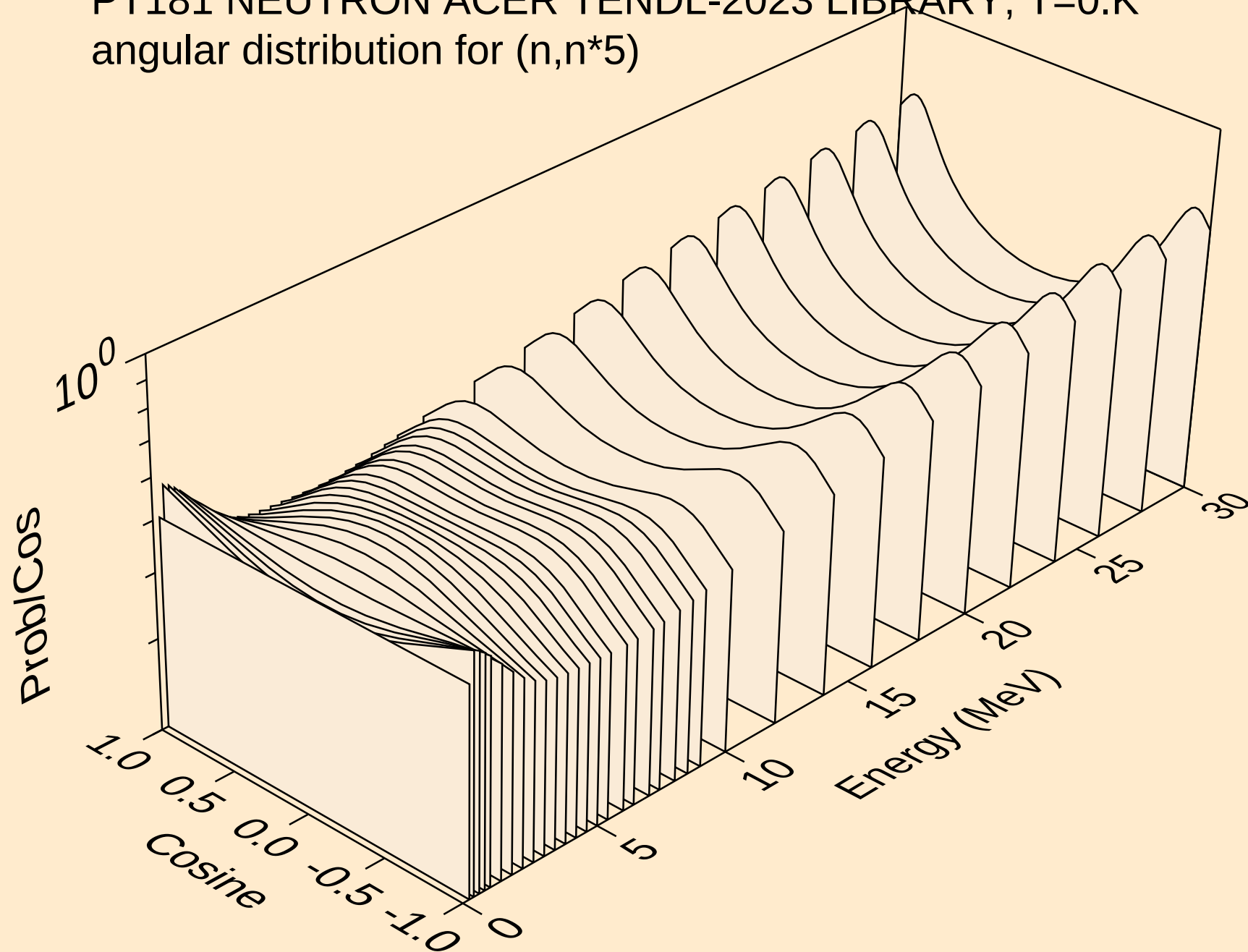
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



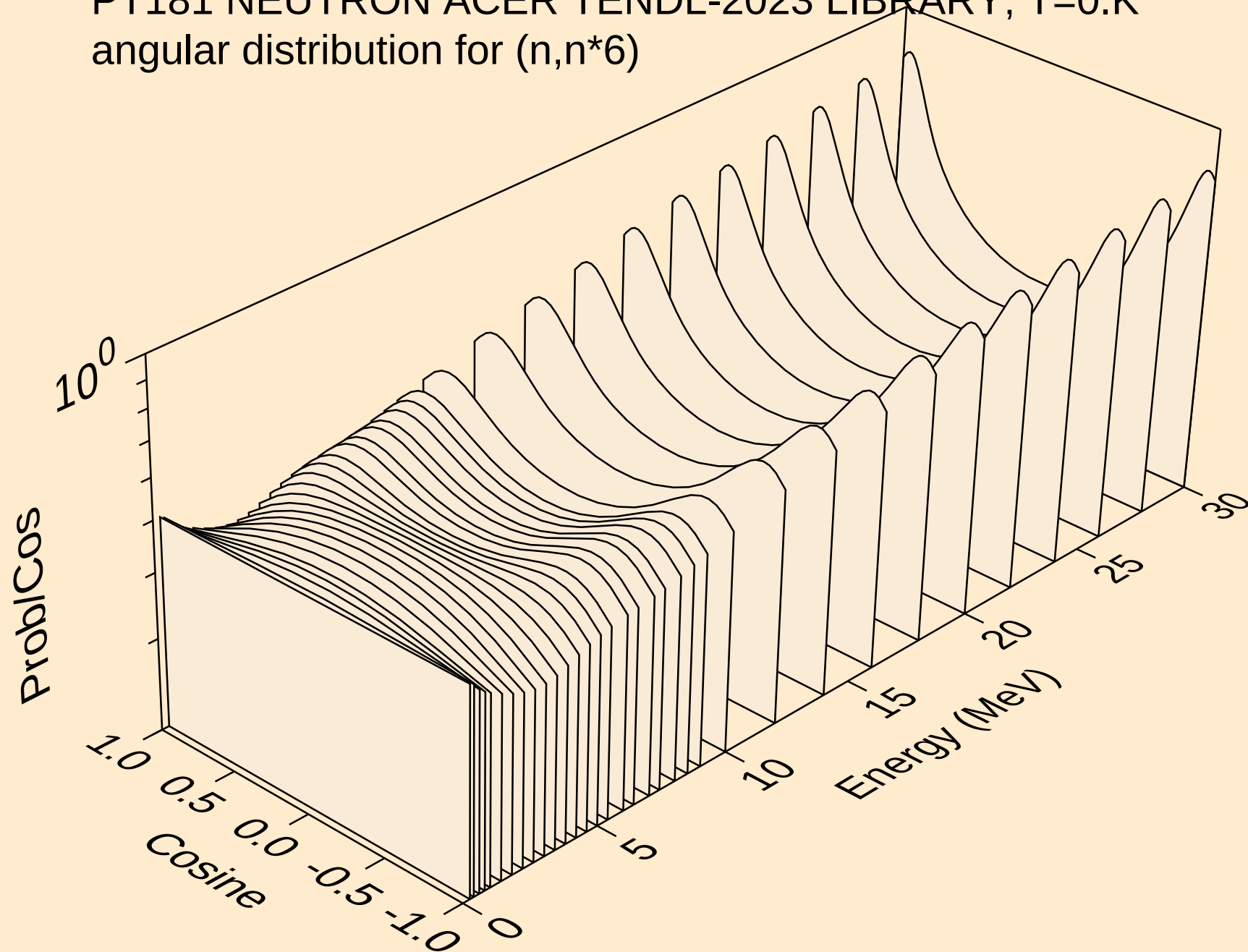
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



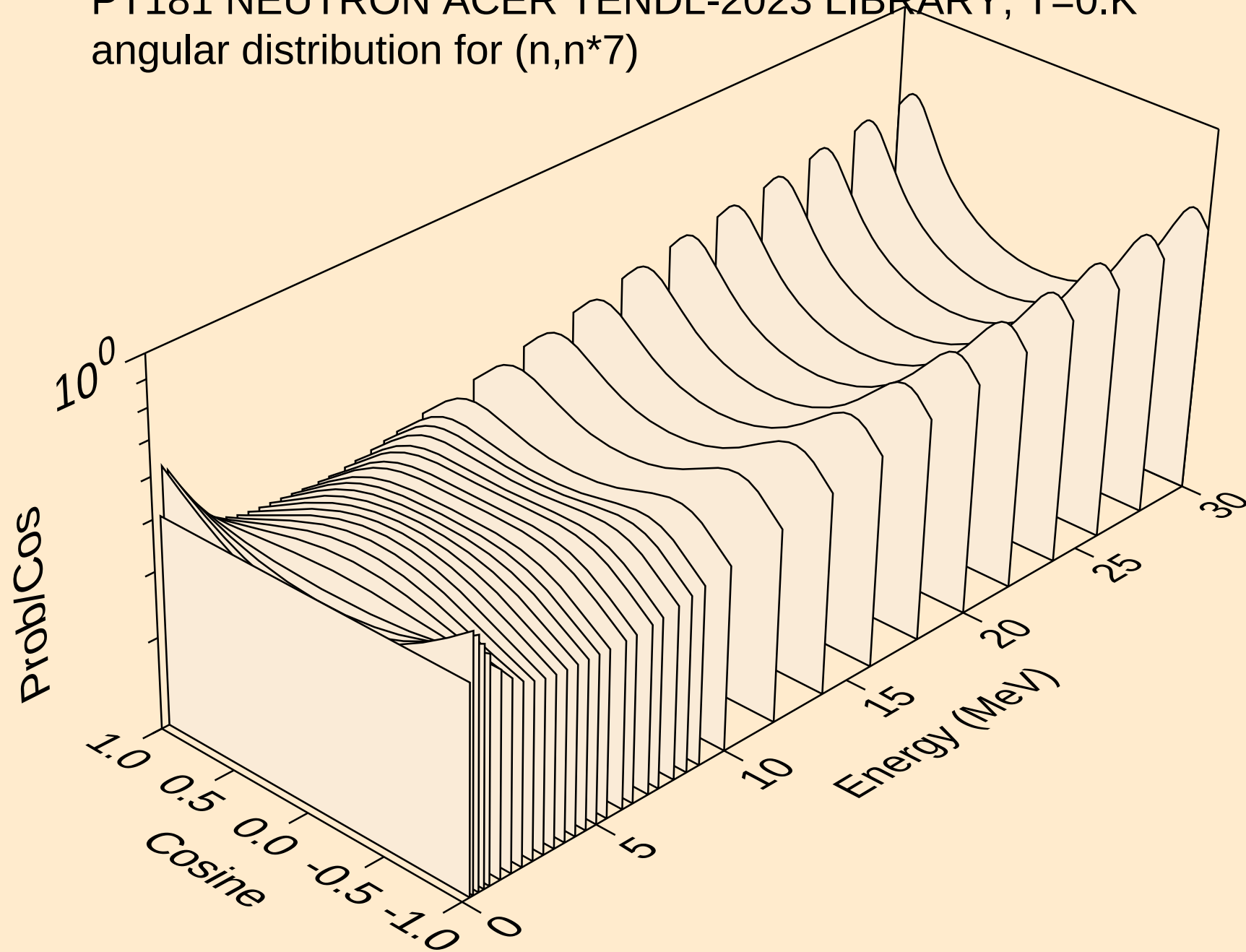
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



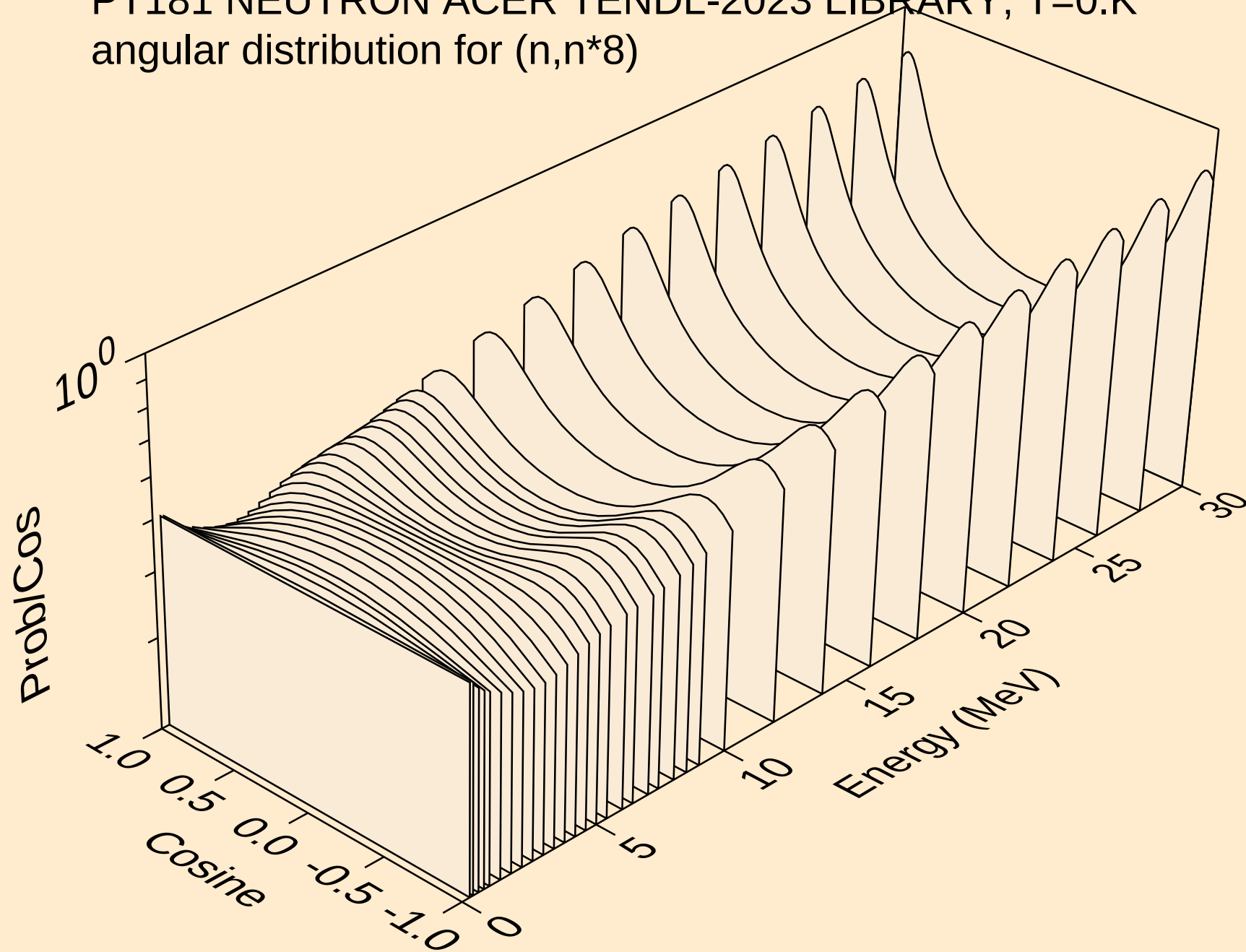
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



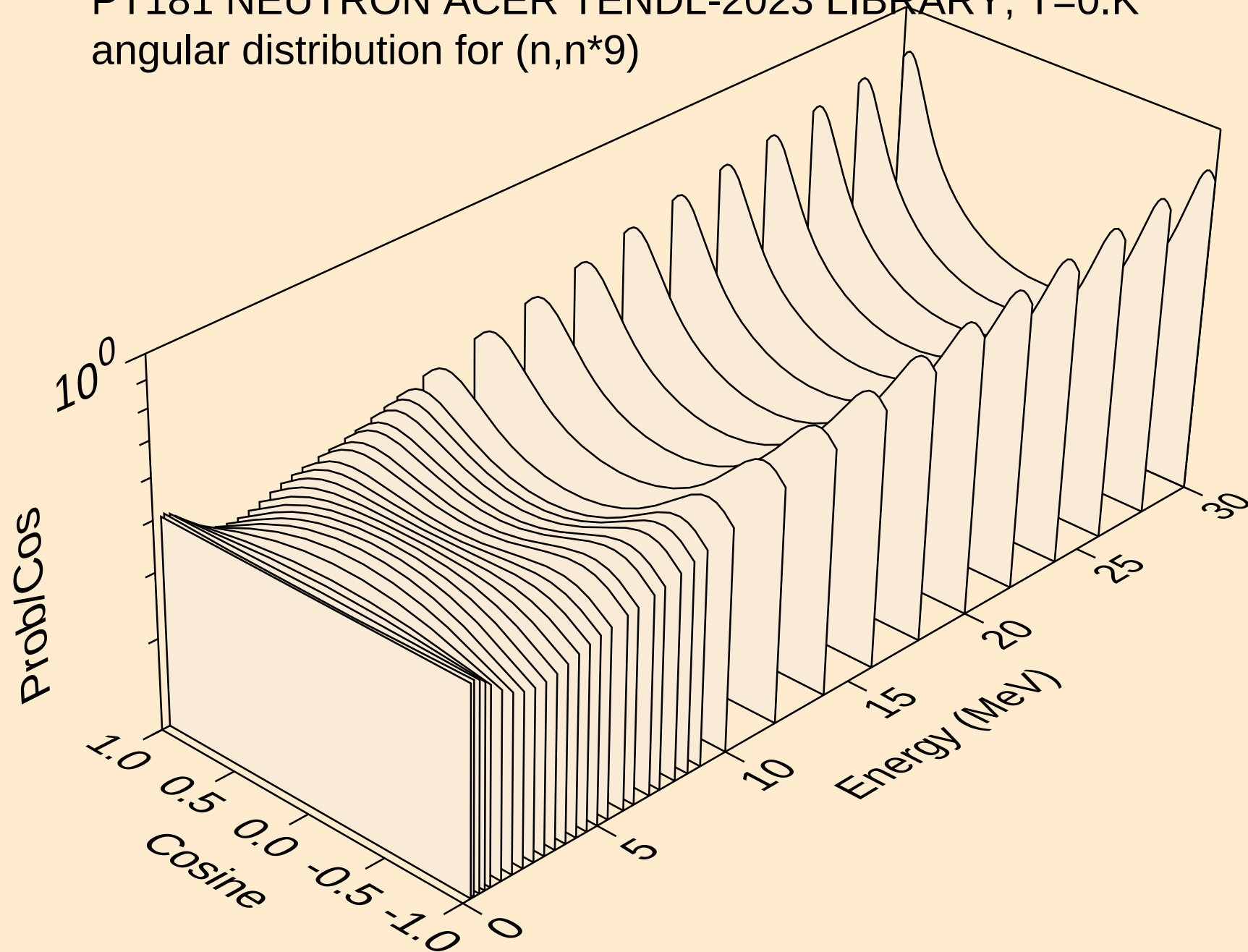
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



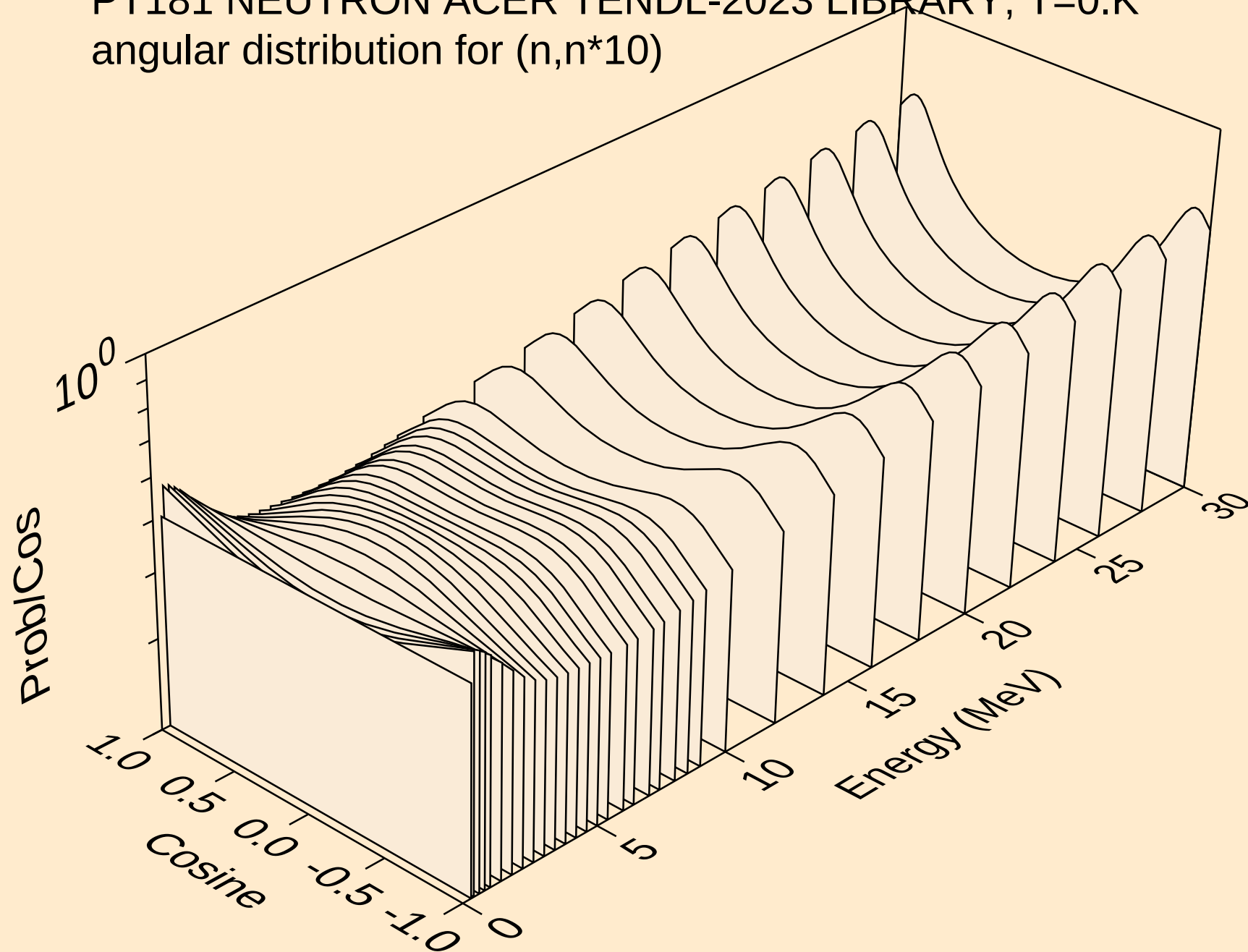
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



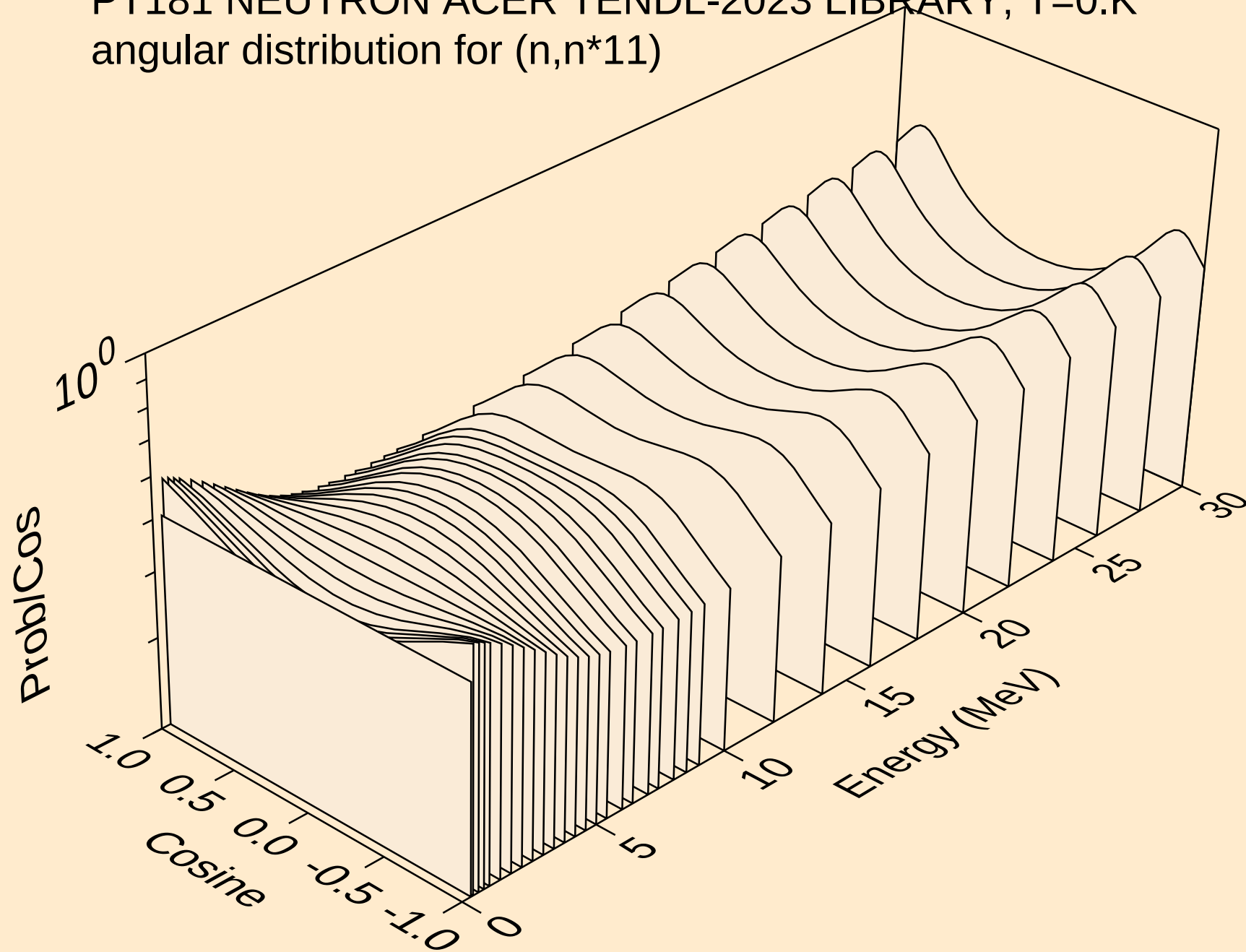
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



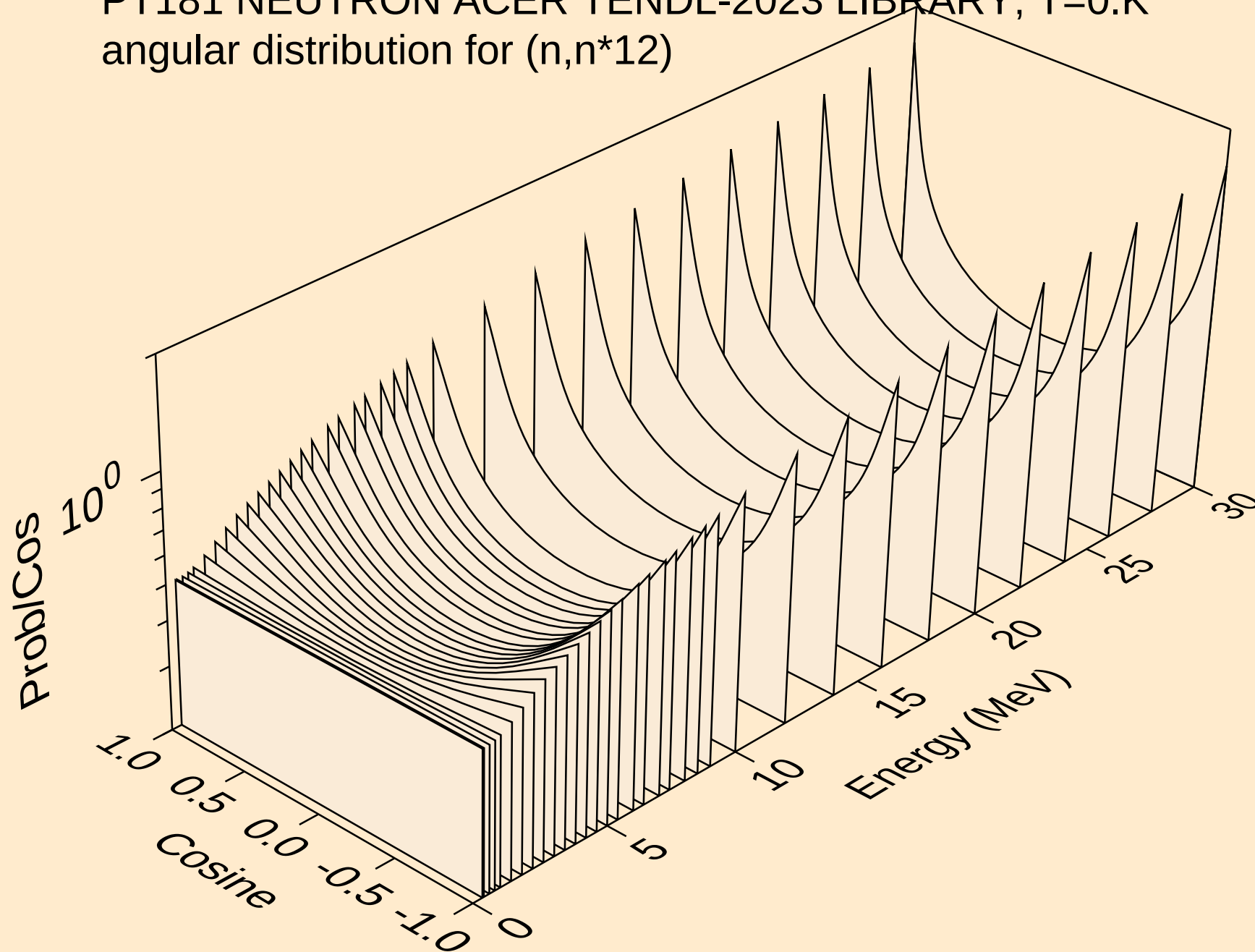
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



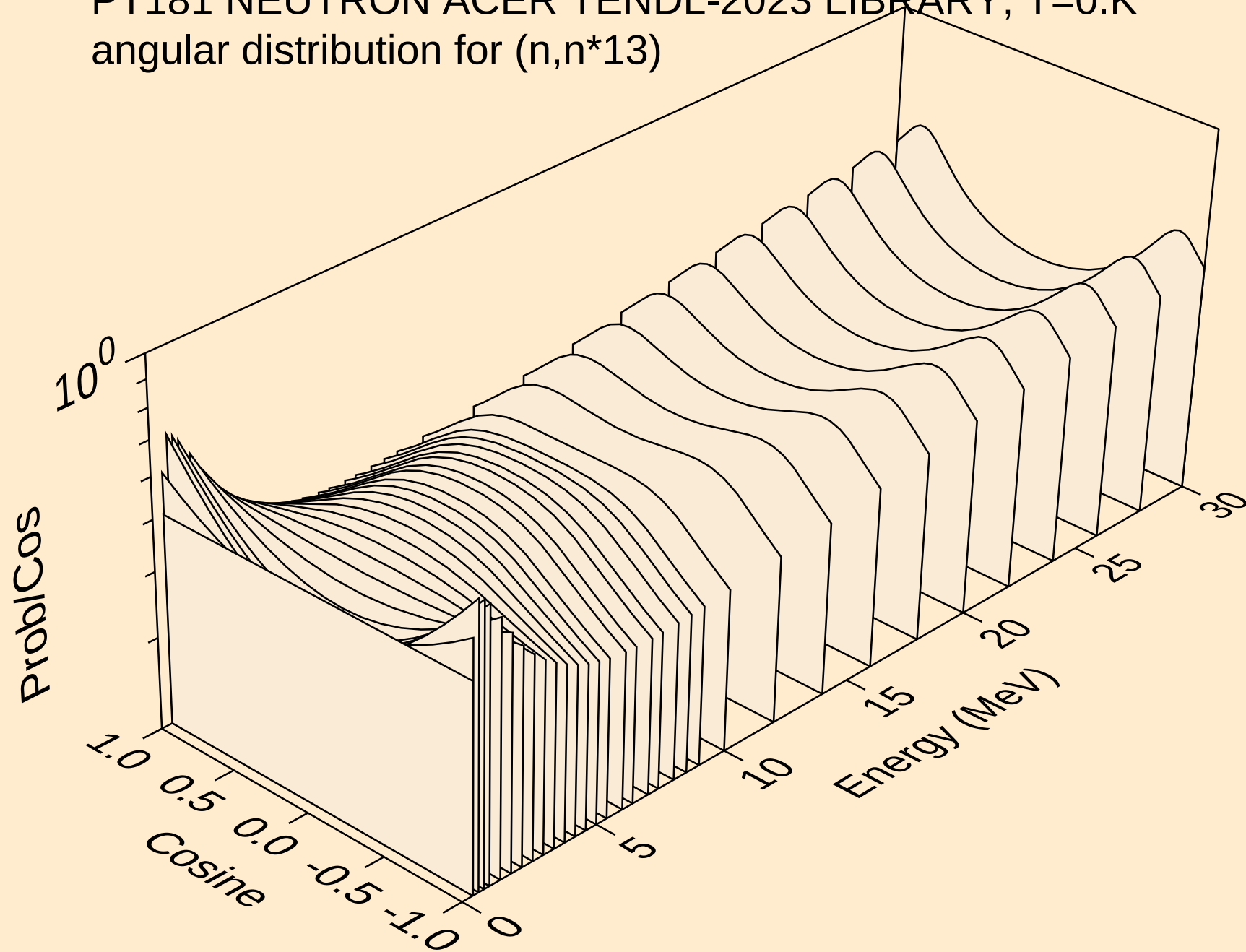
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



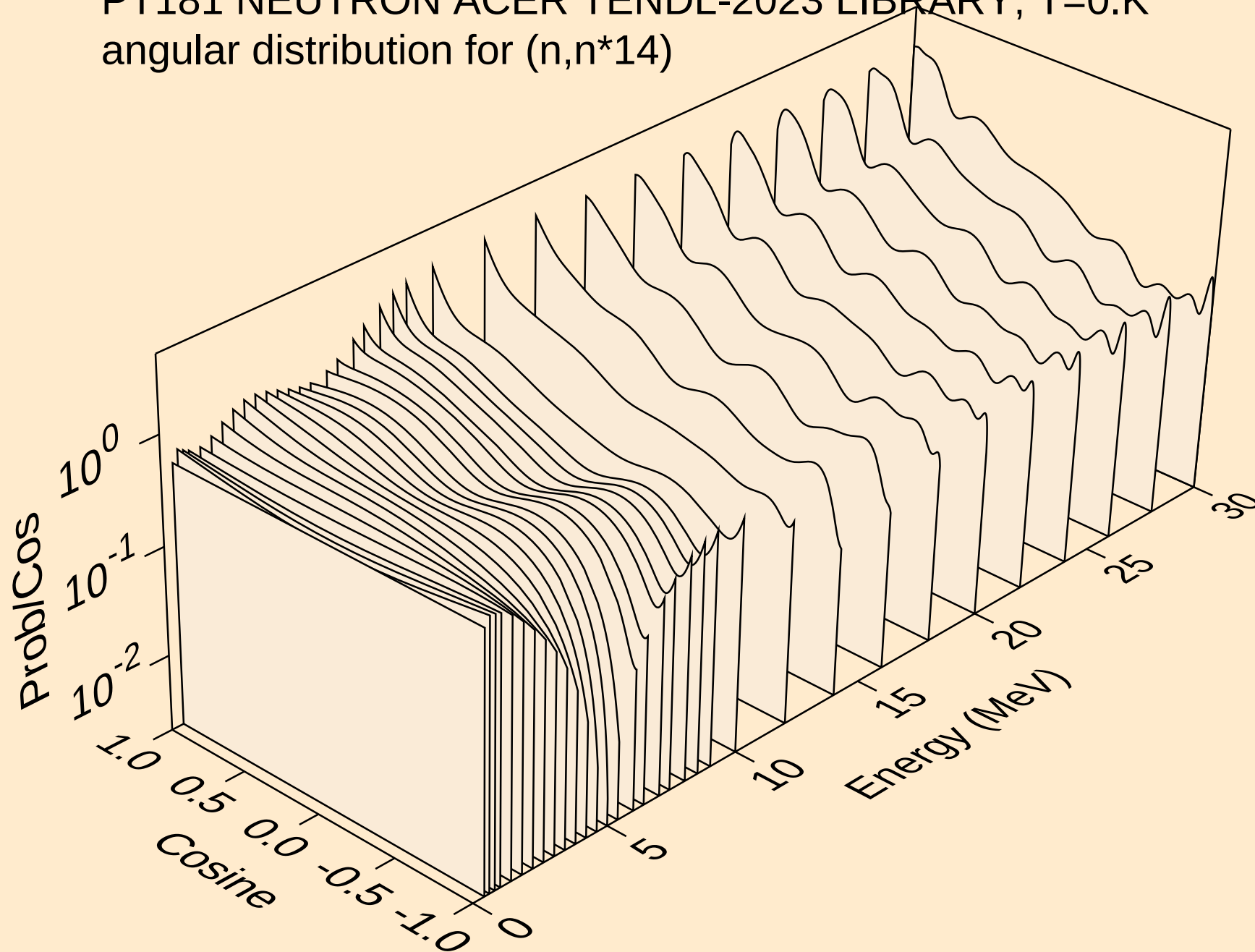
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



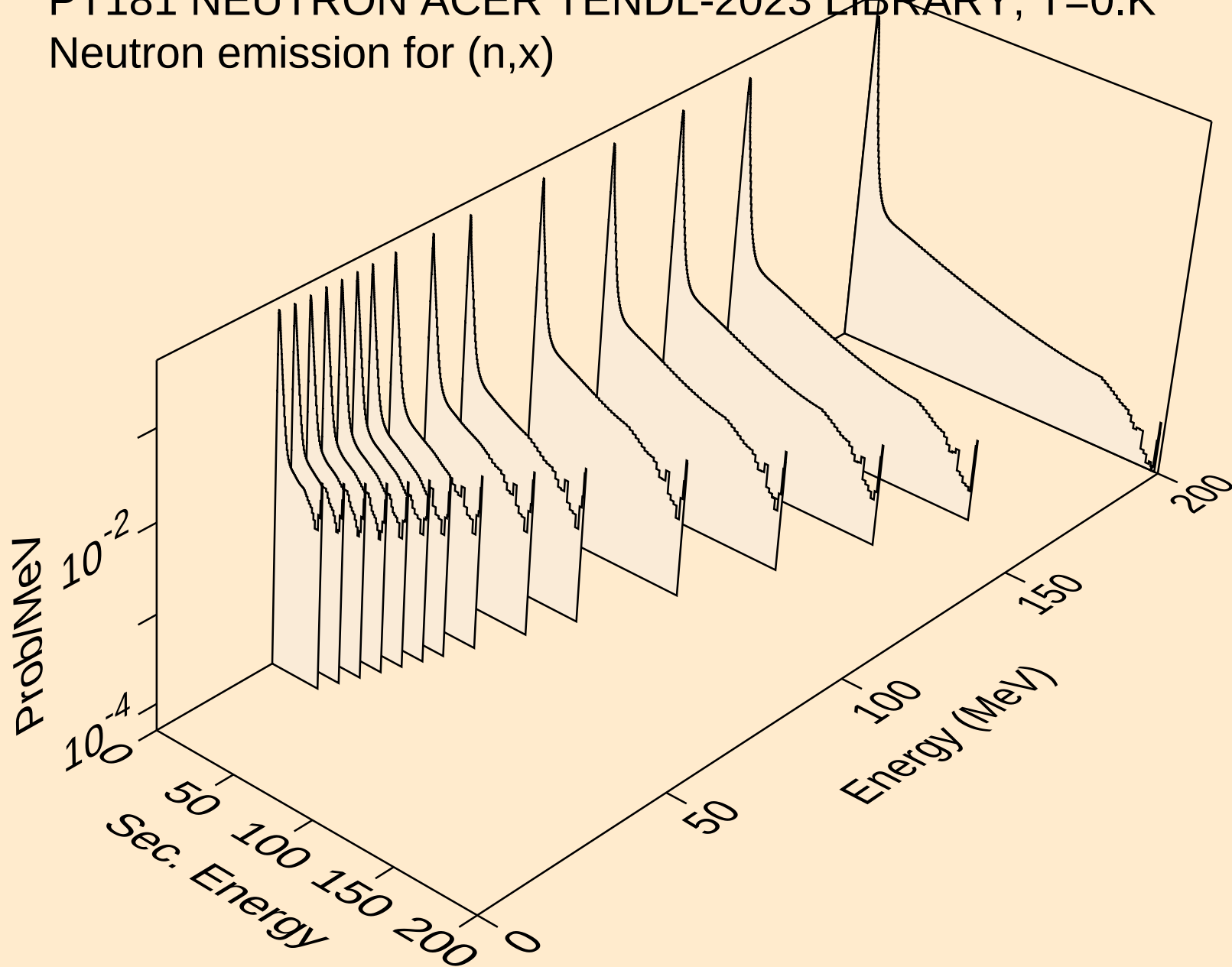
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



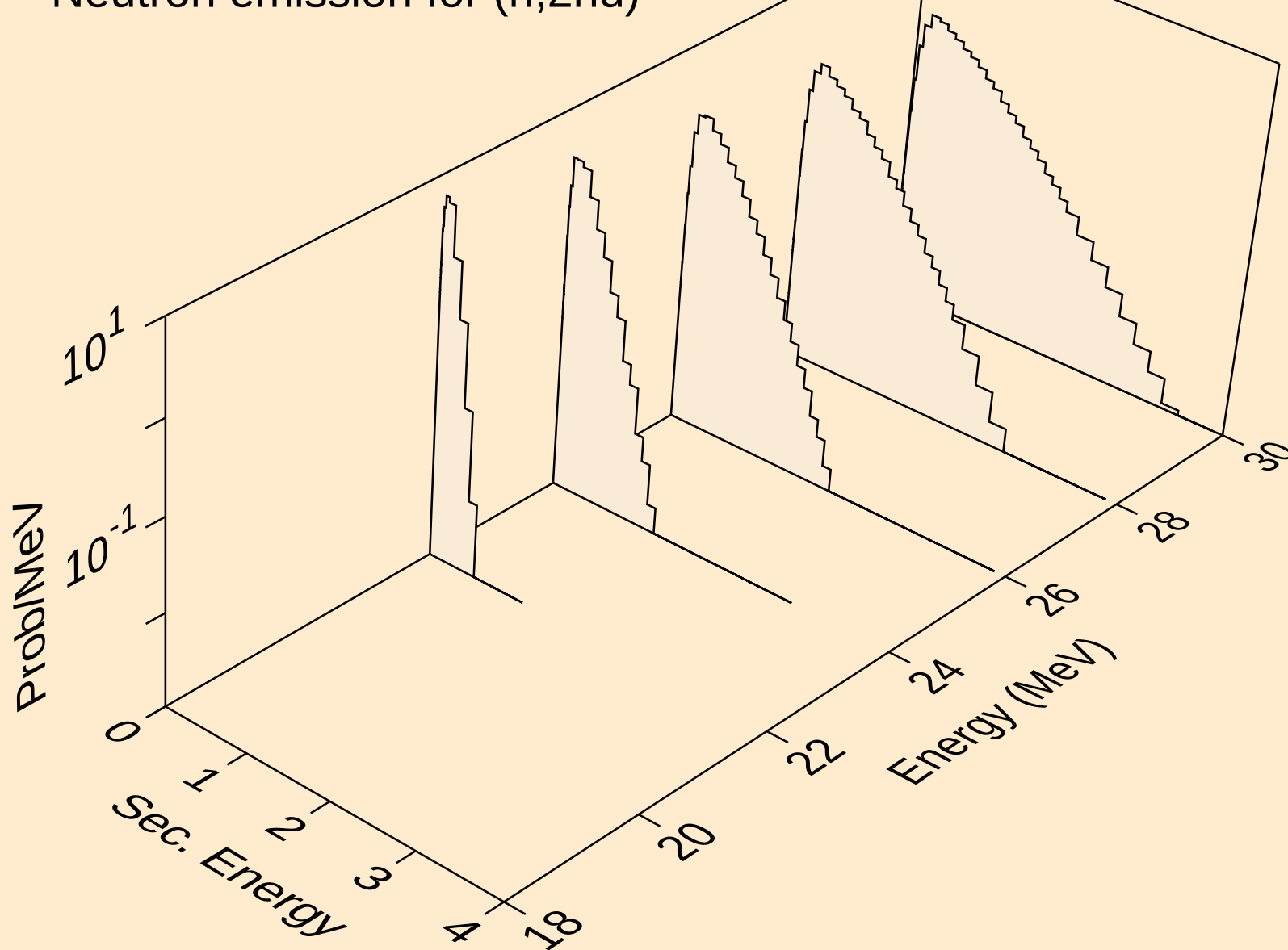
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



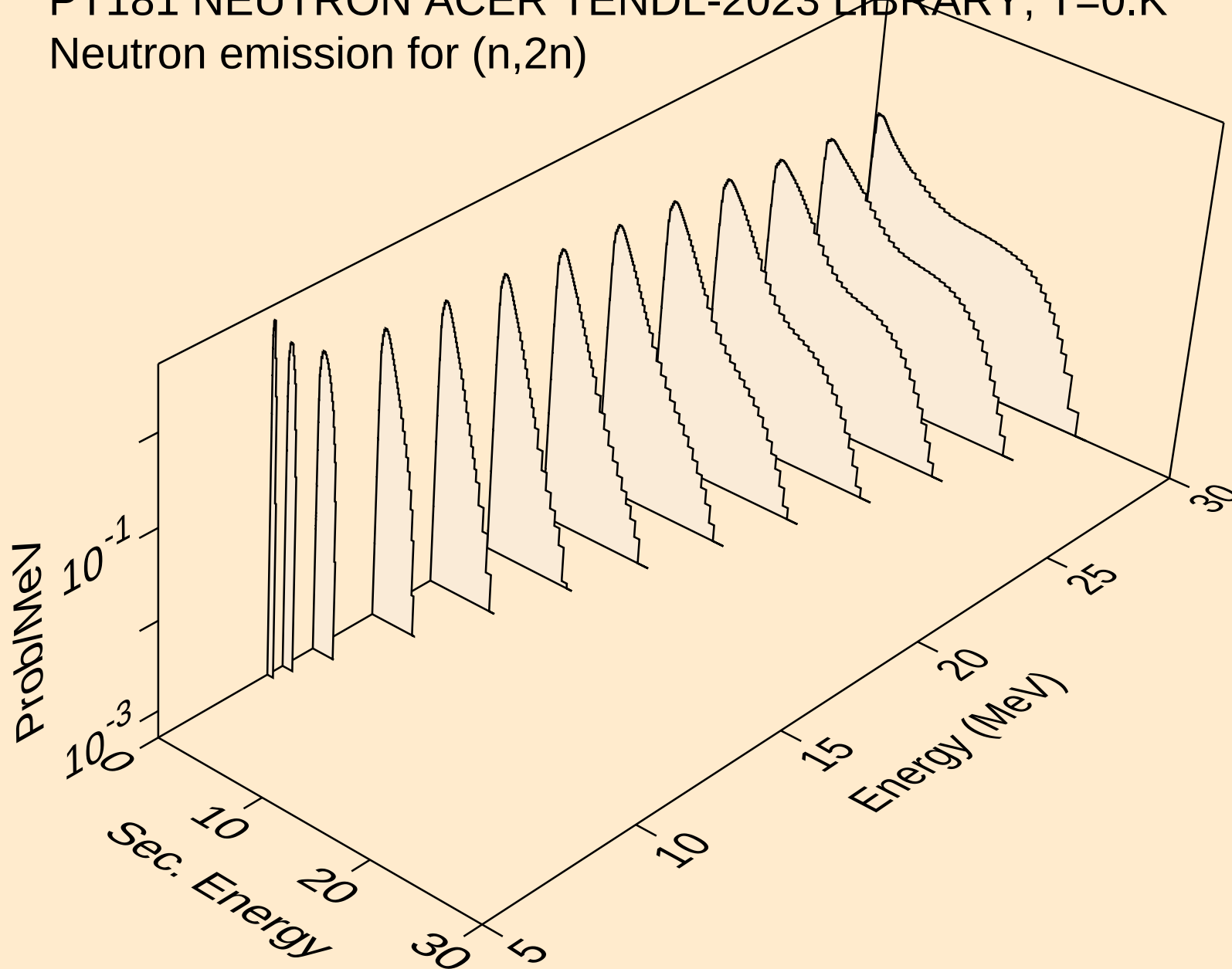
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



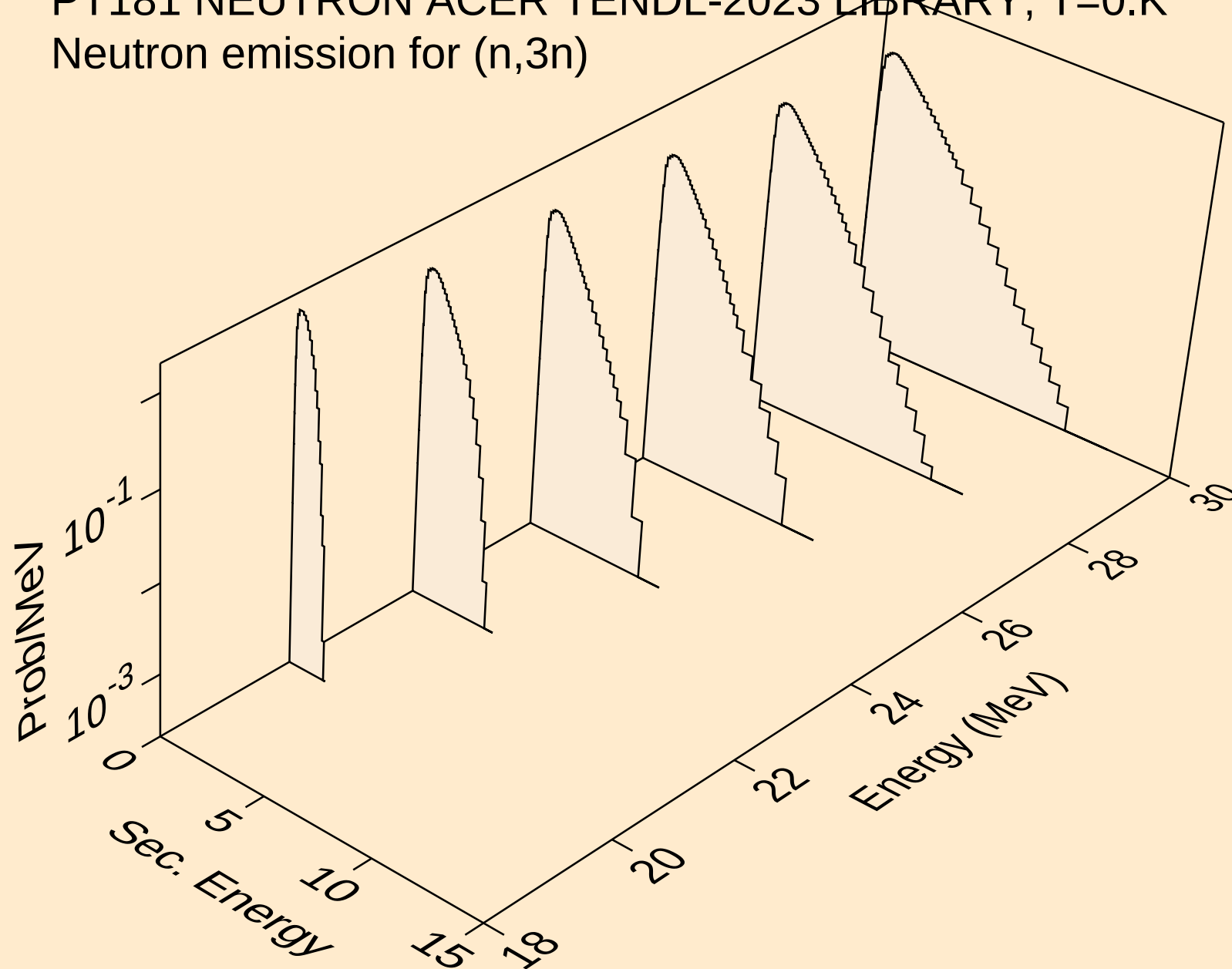
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



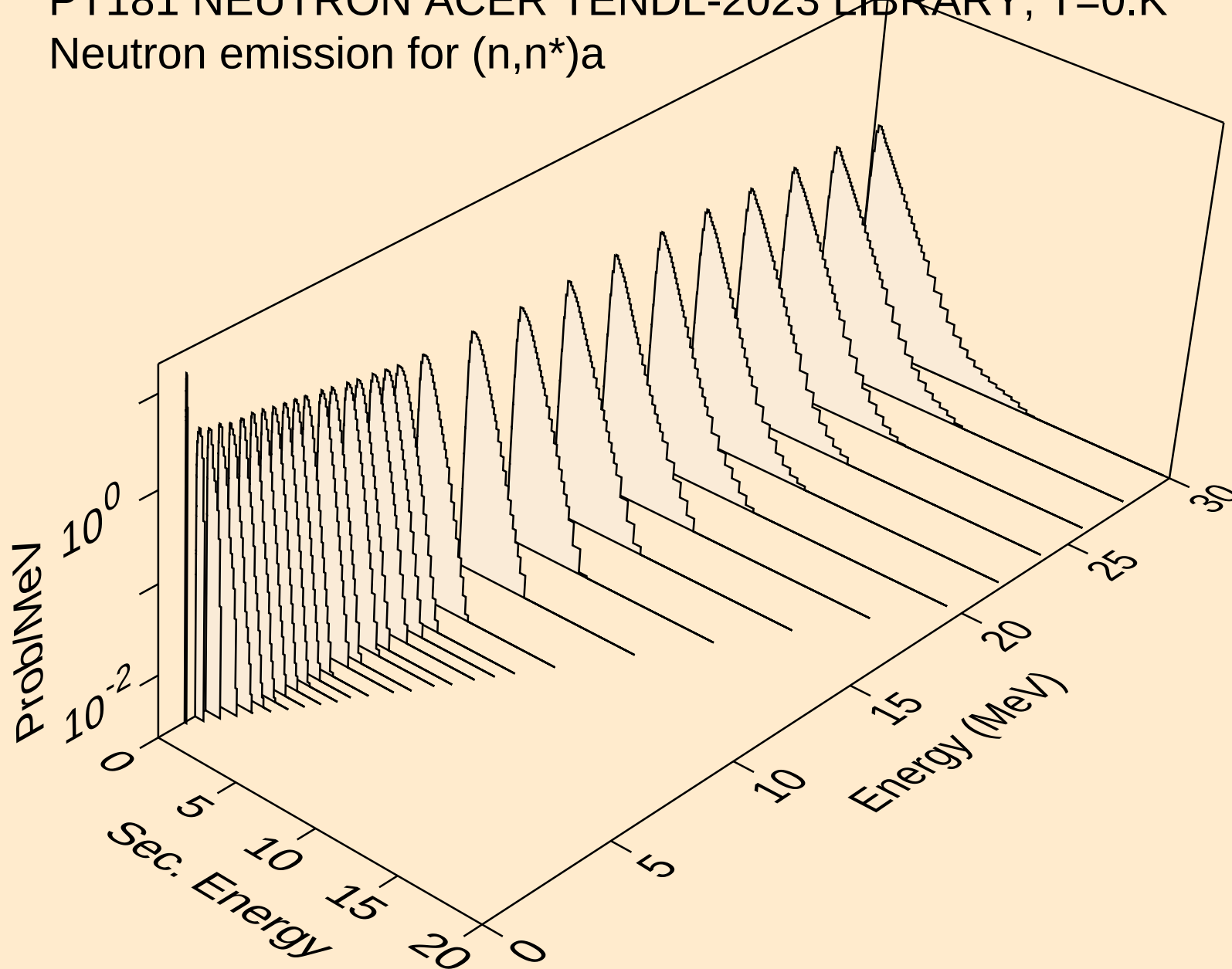
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



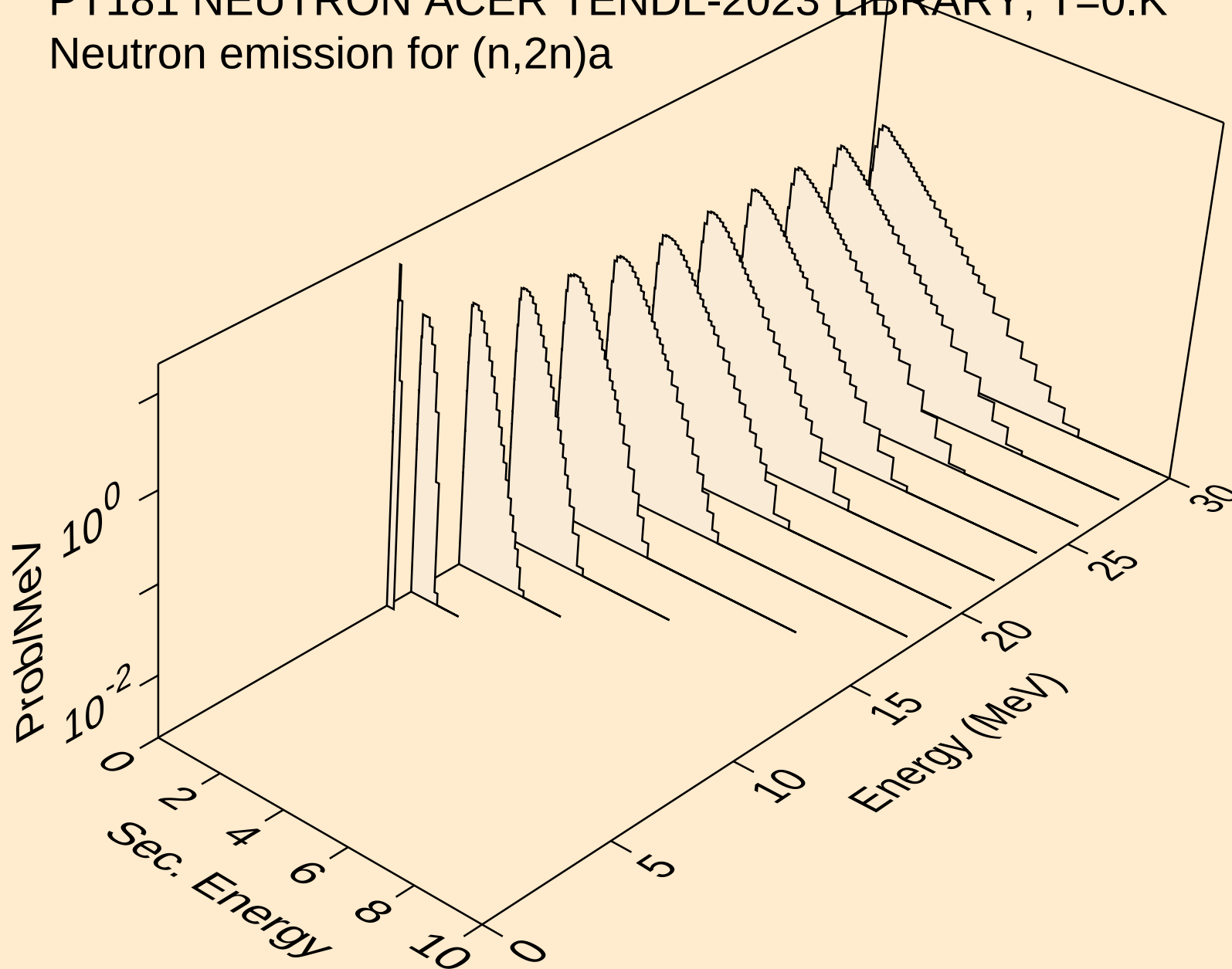
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



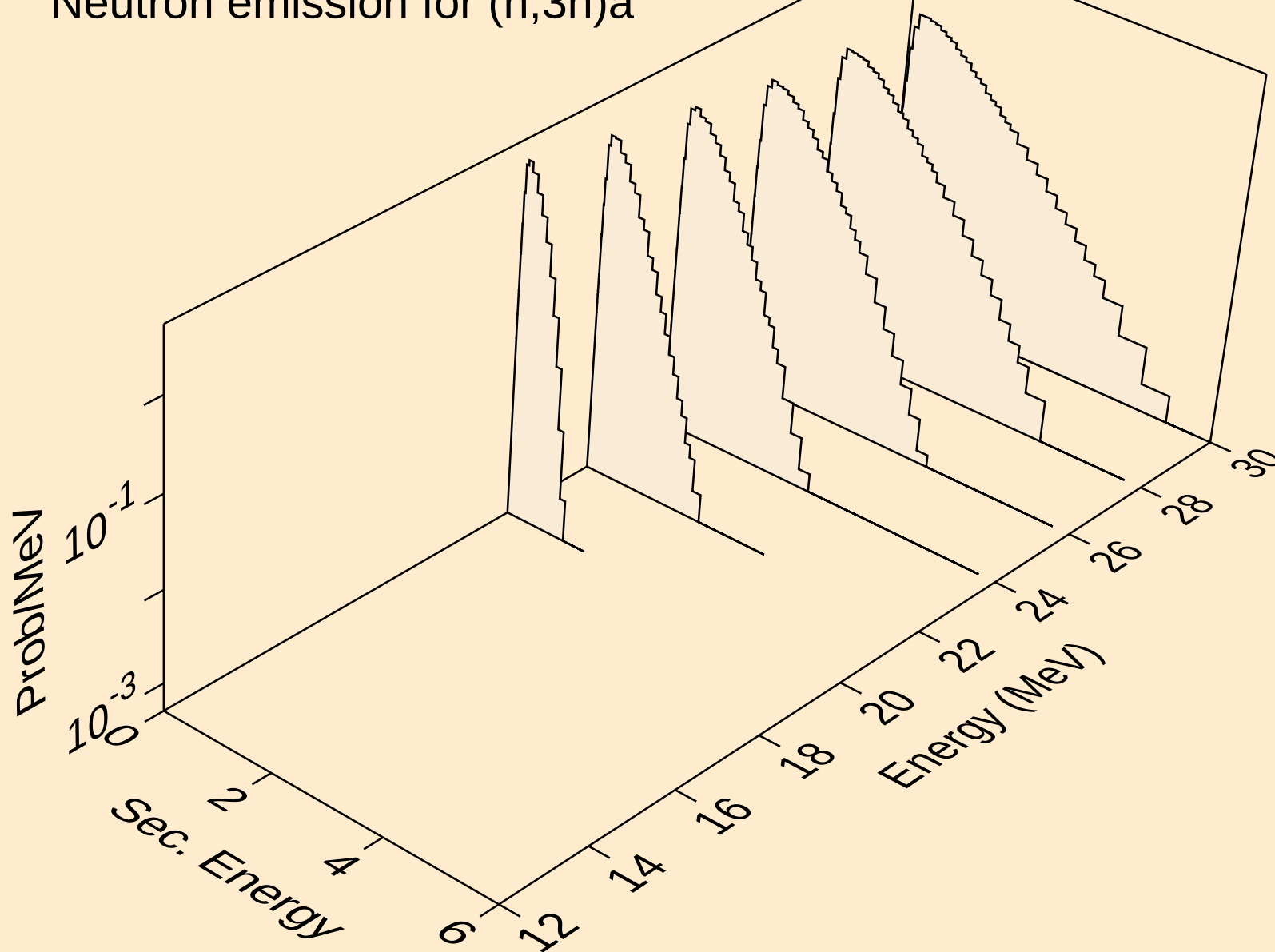
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



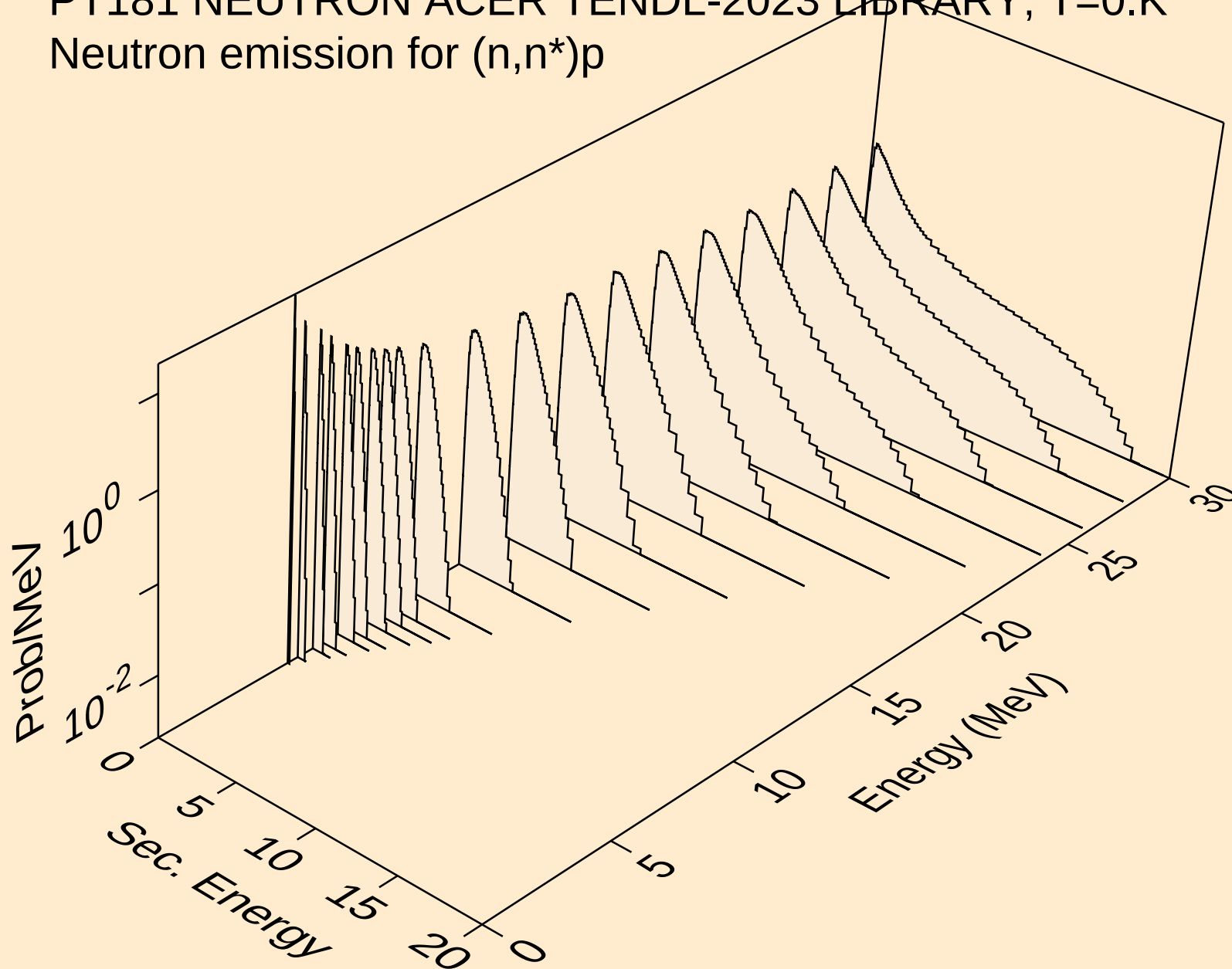
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n) α



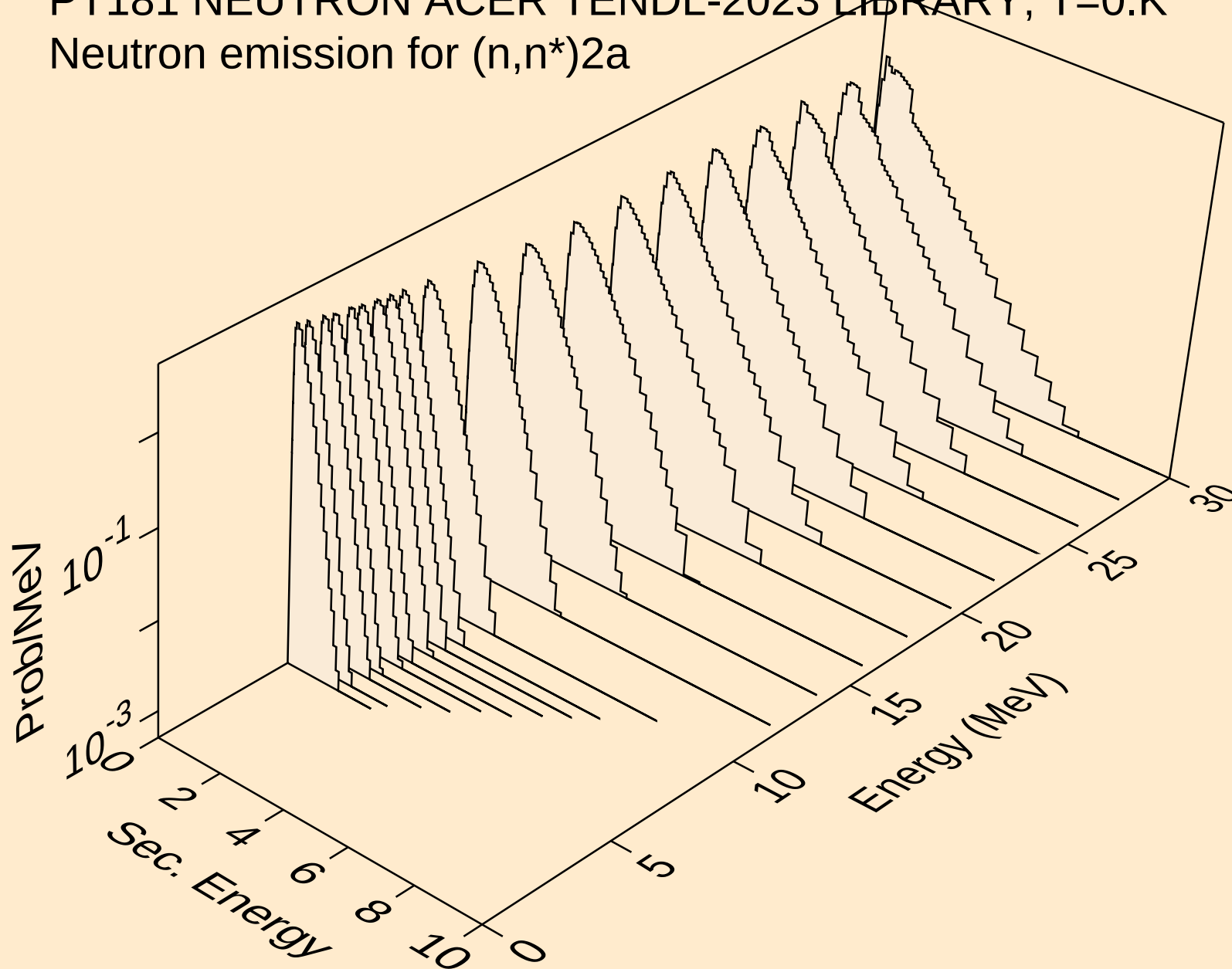
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



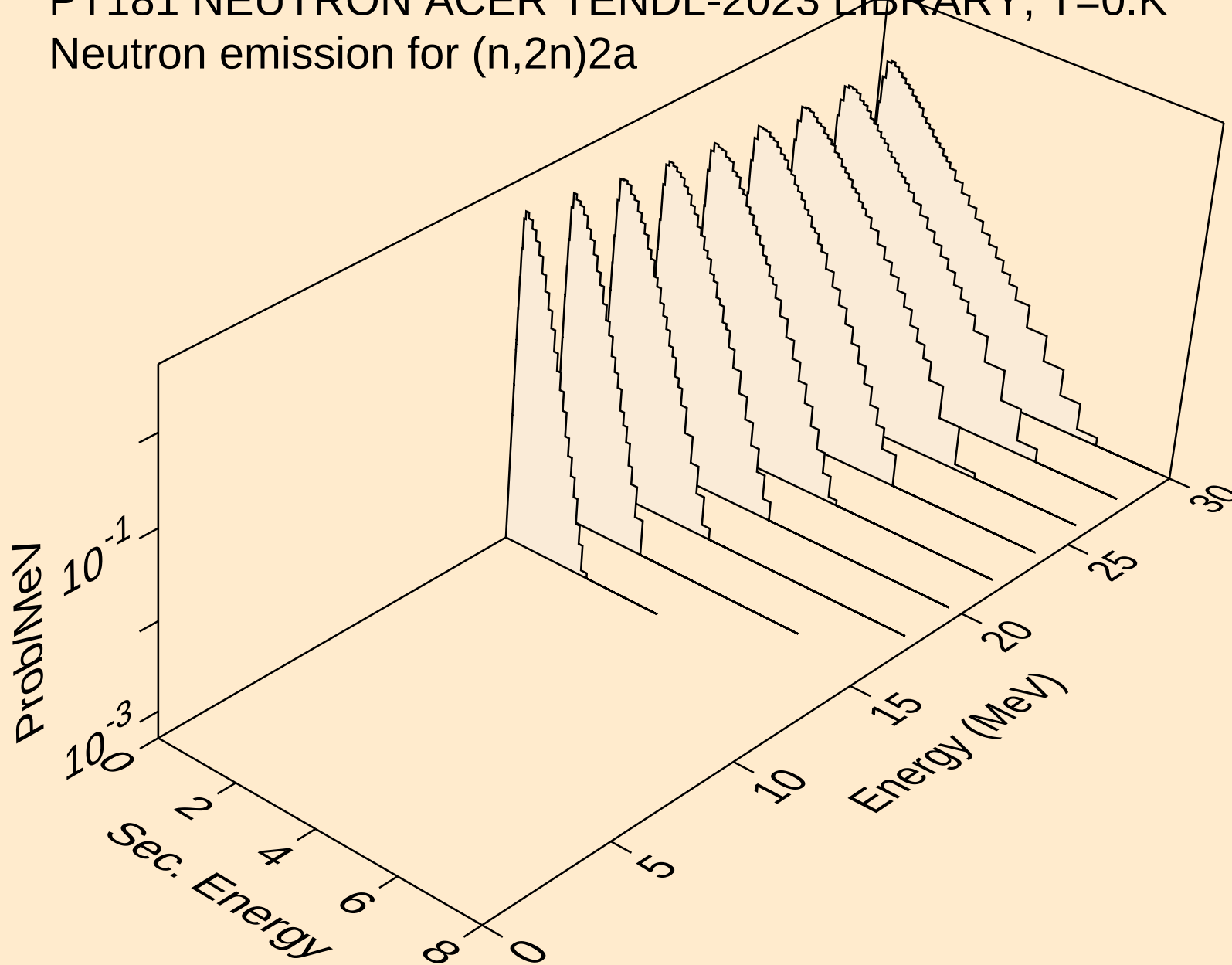
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



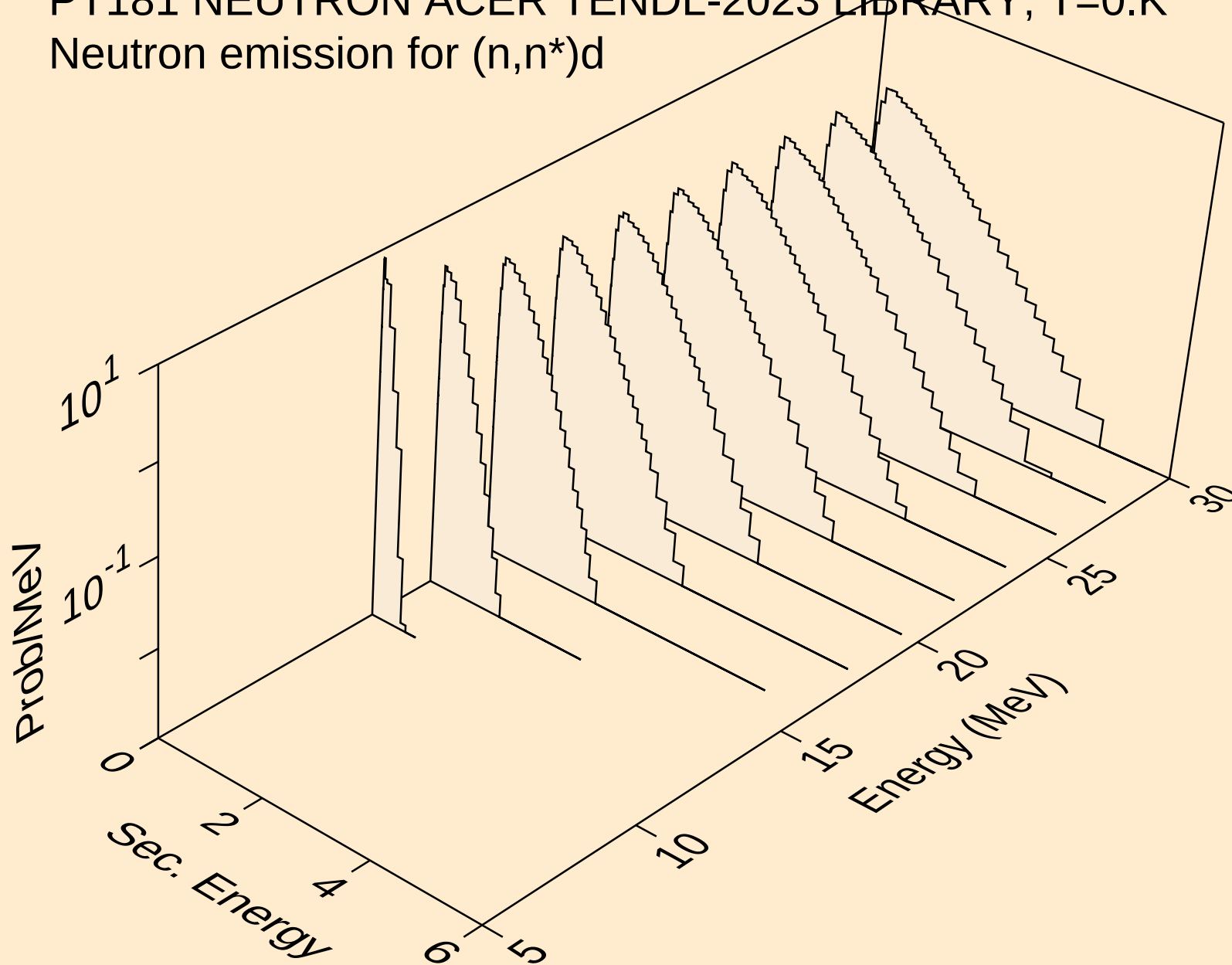
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



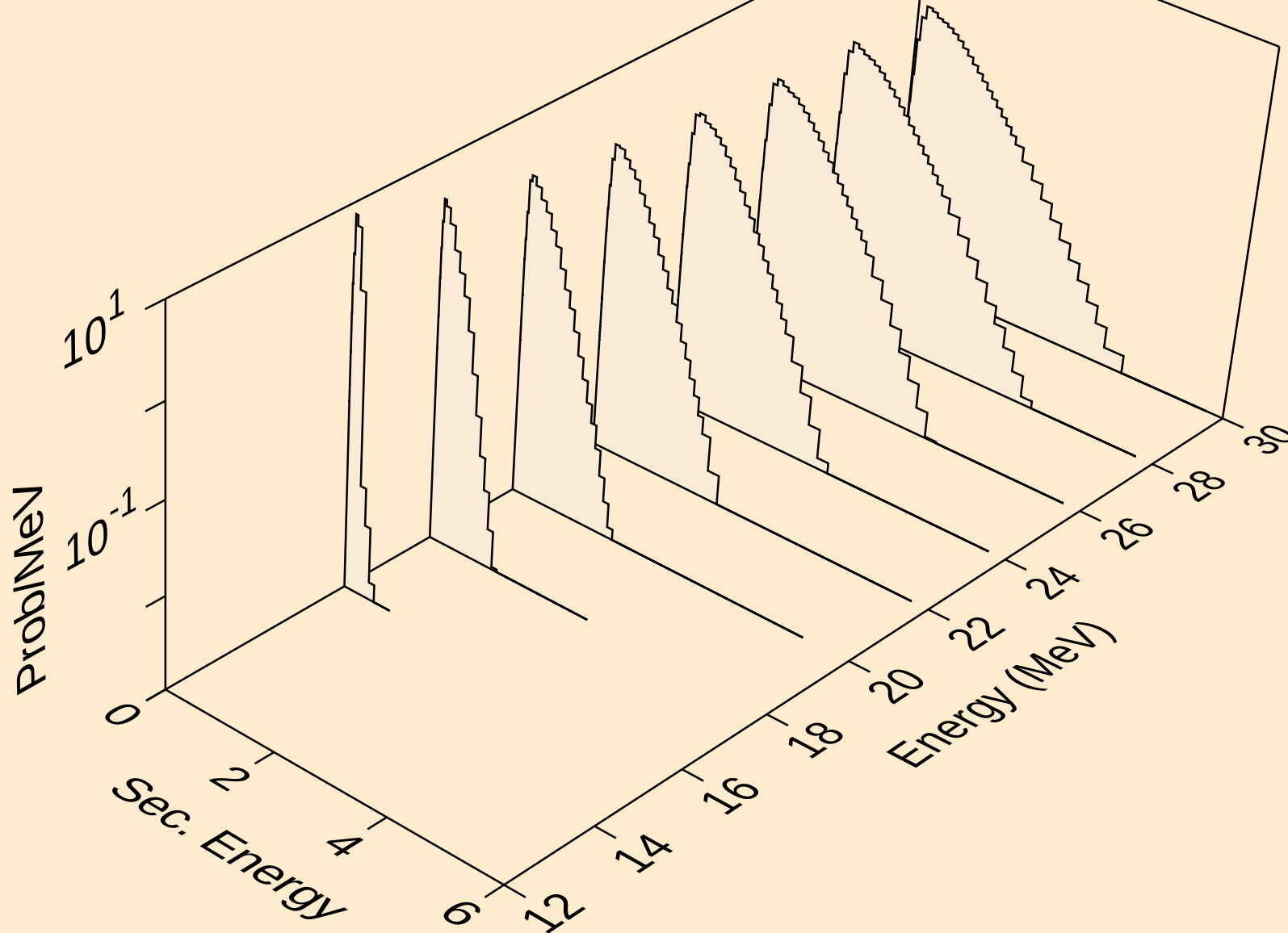
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



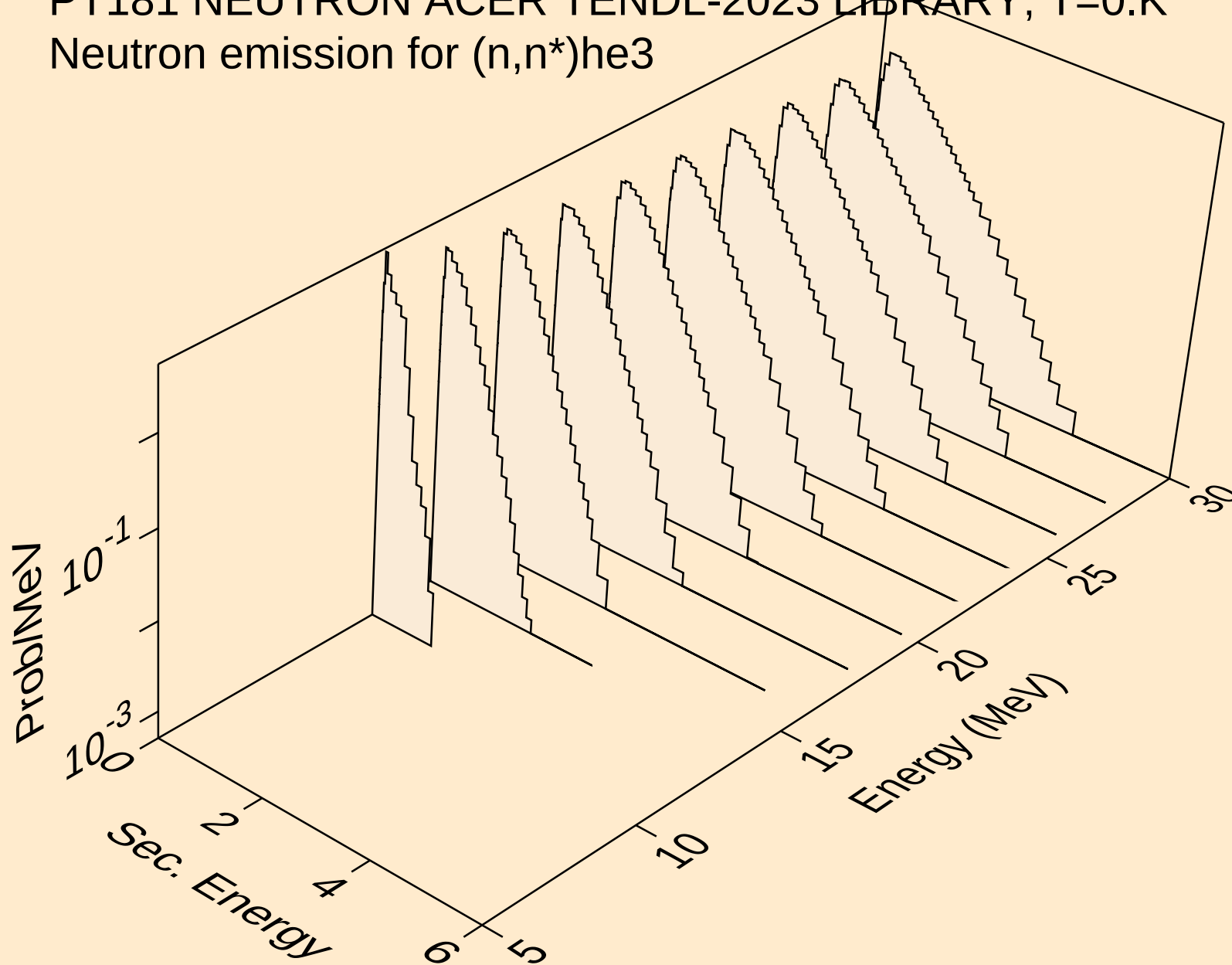
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



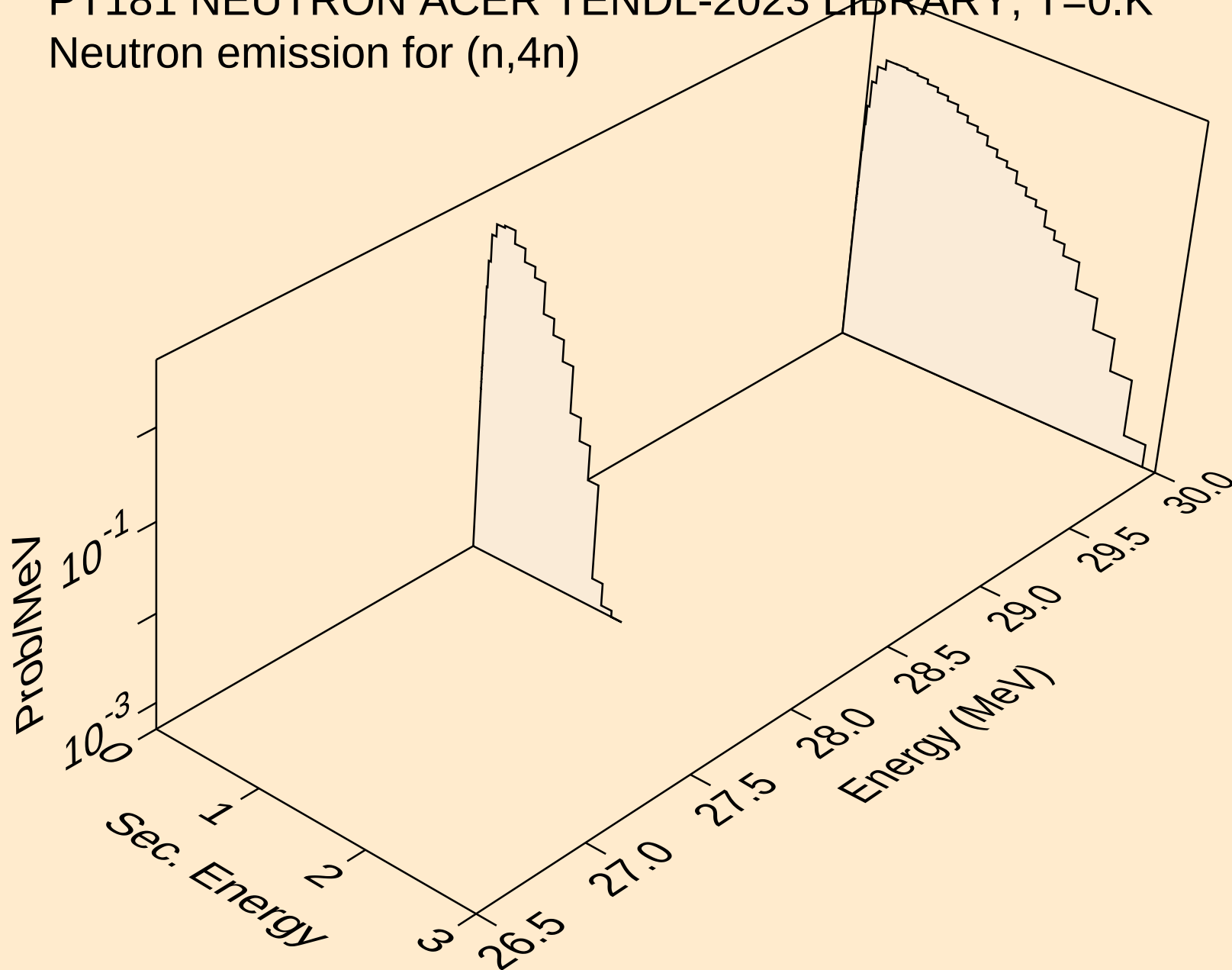
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



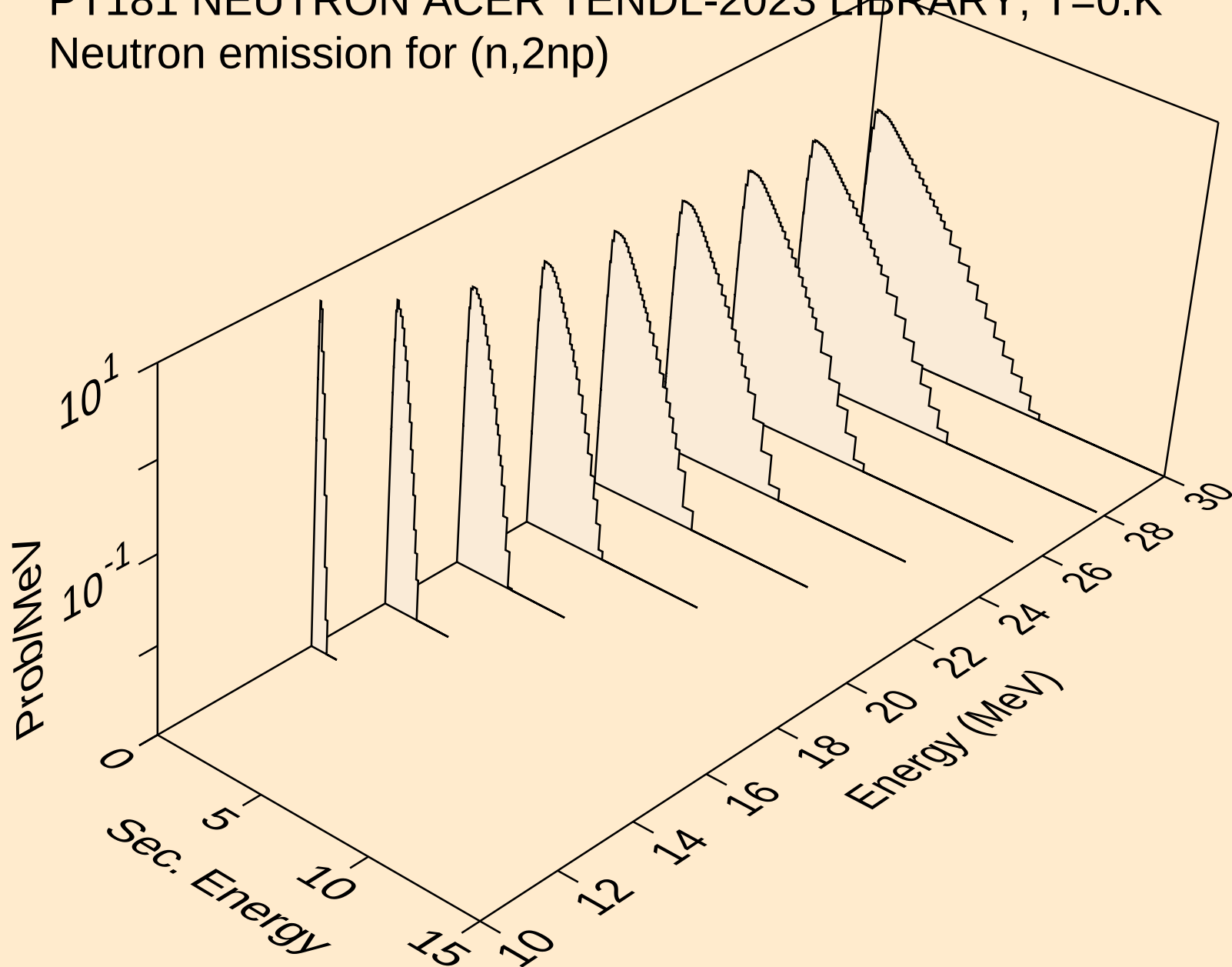
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



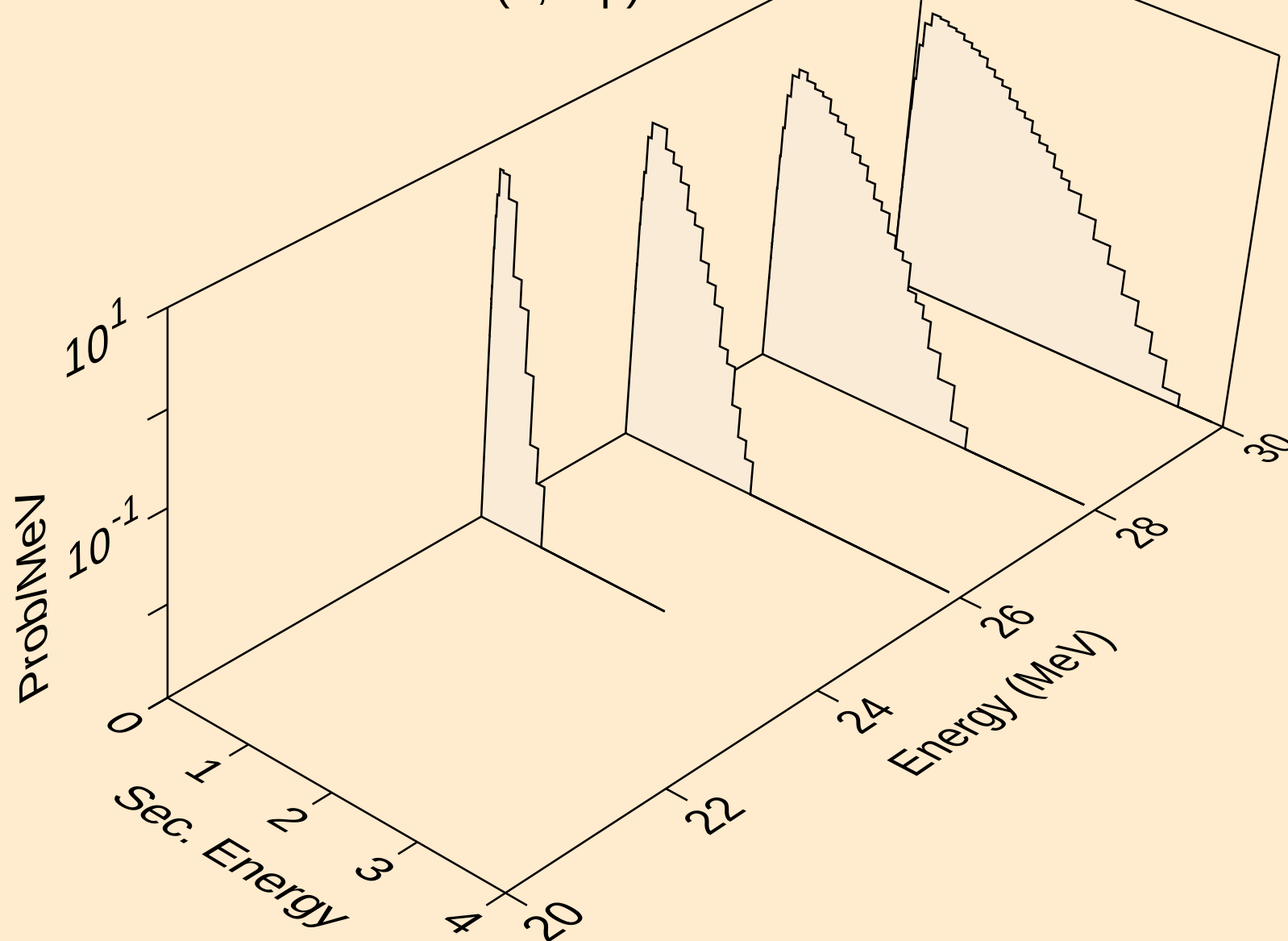
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



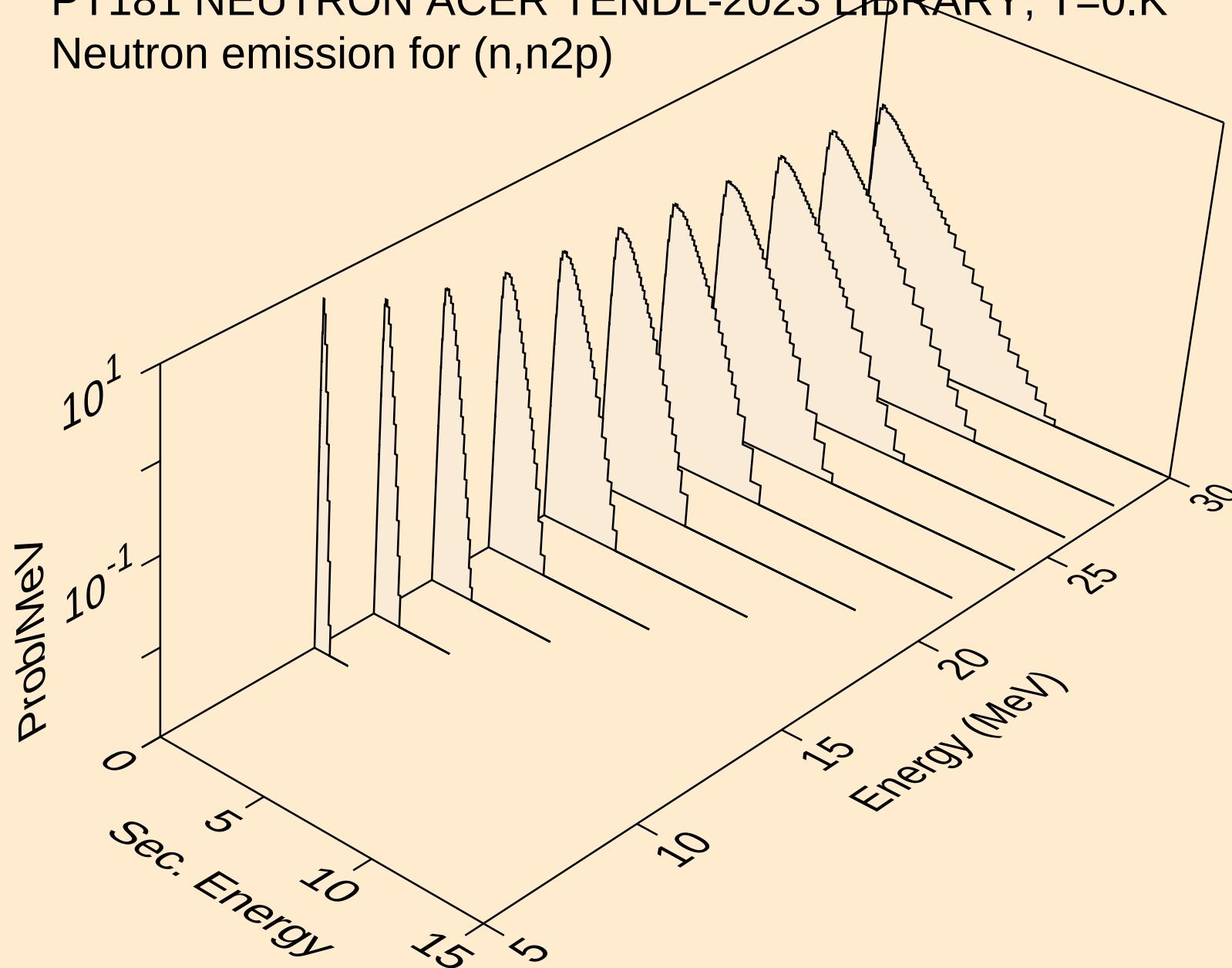
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



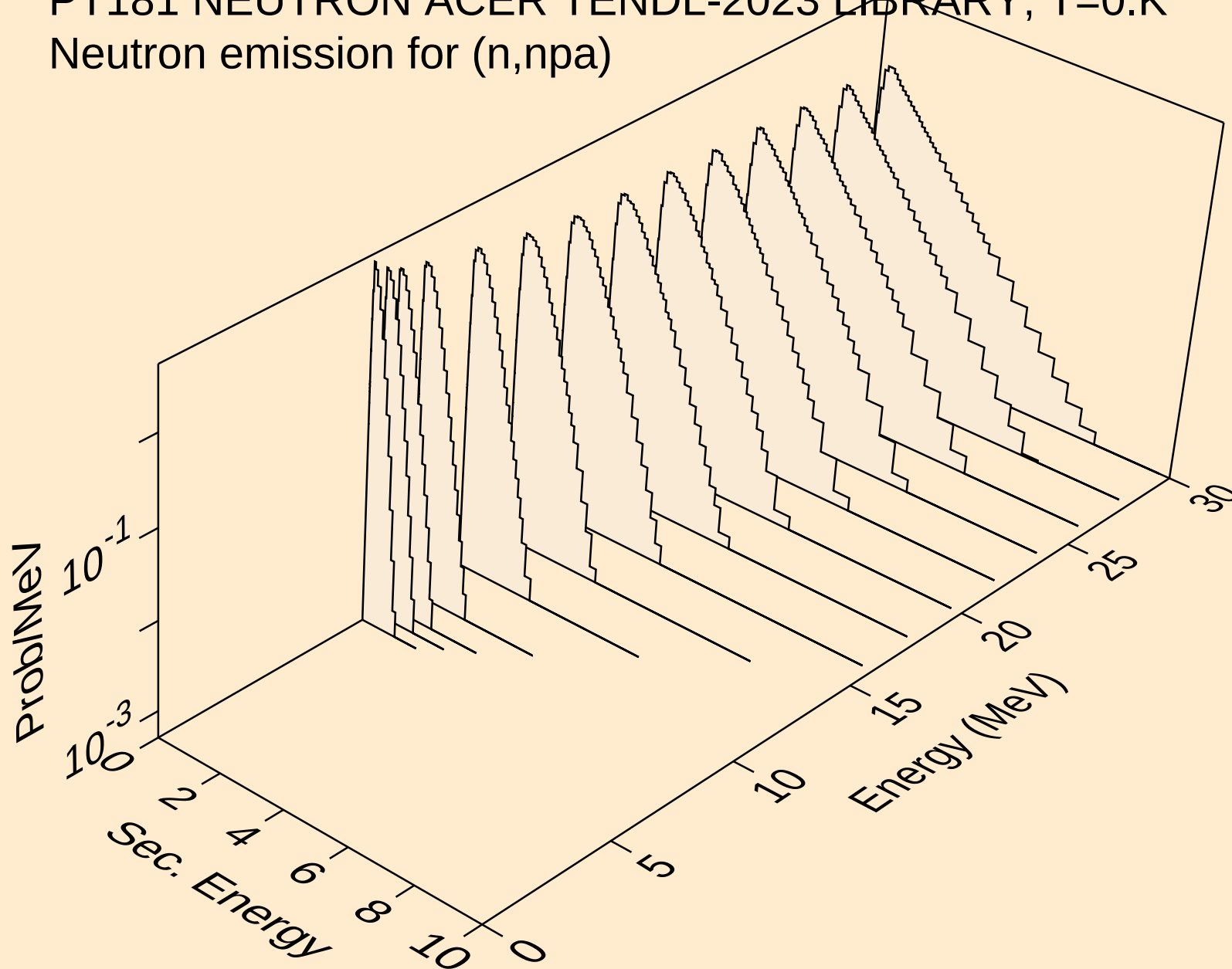
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



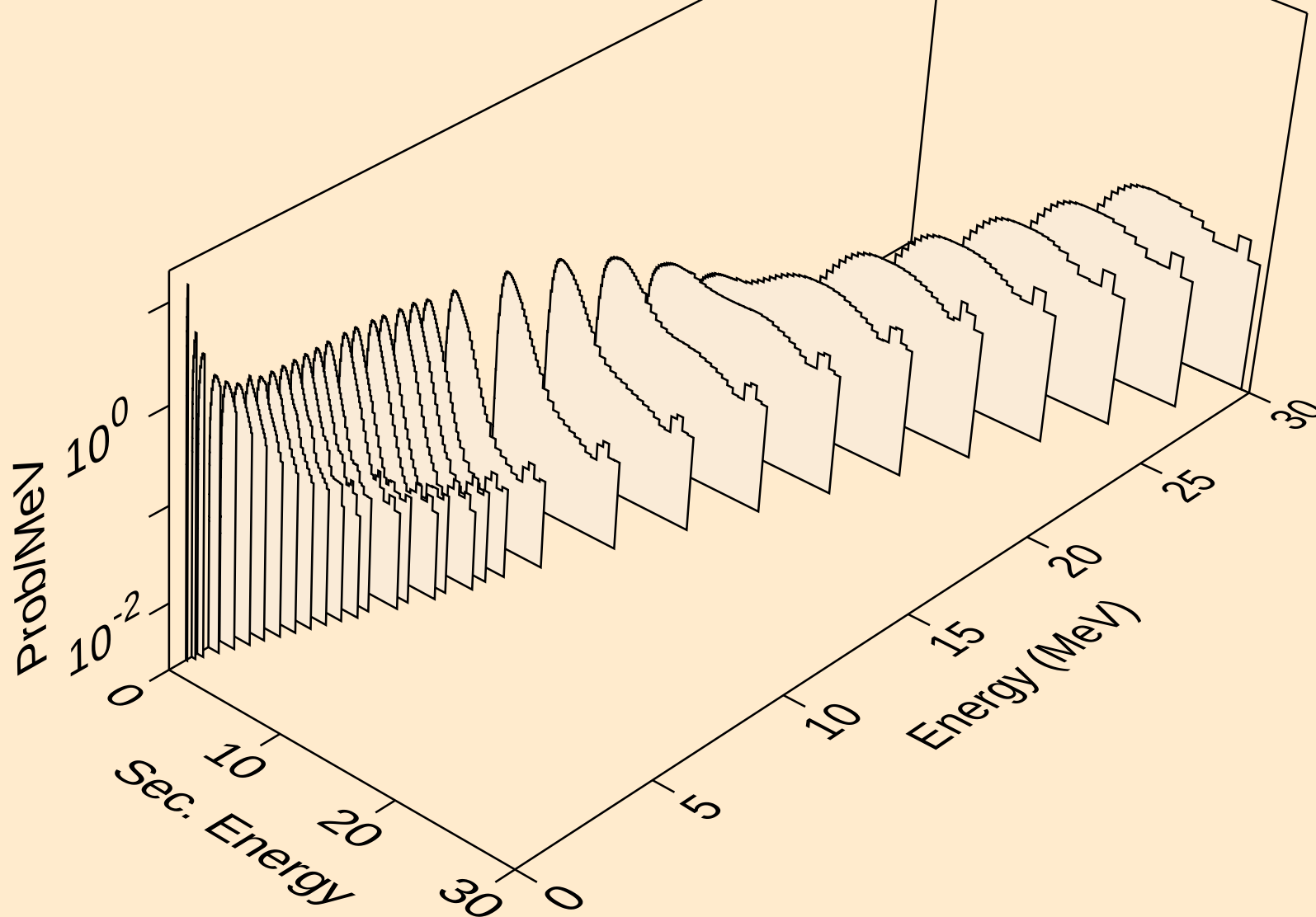
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



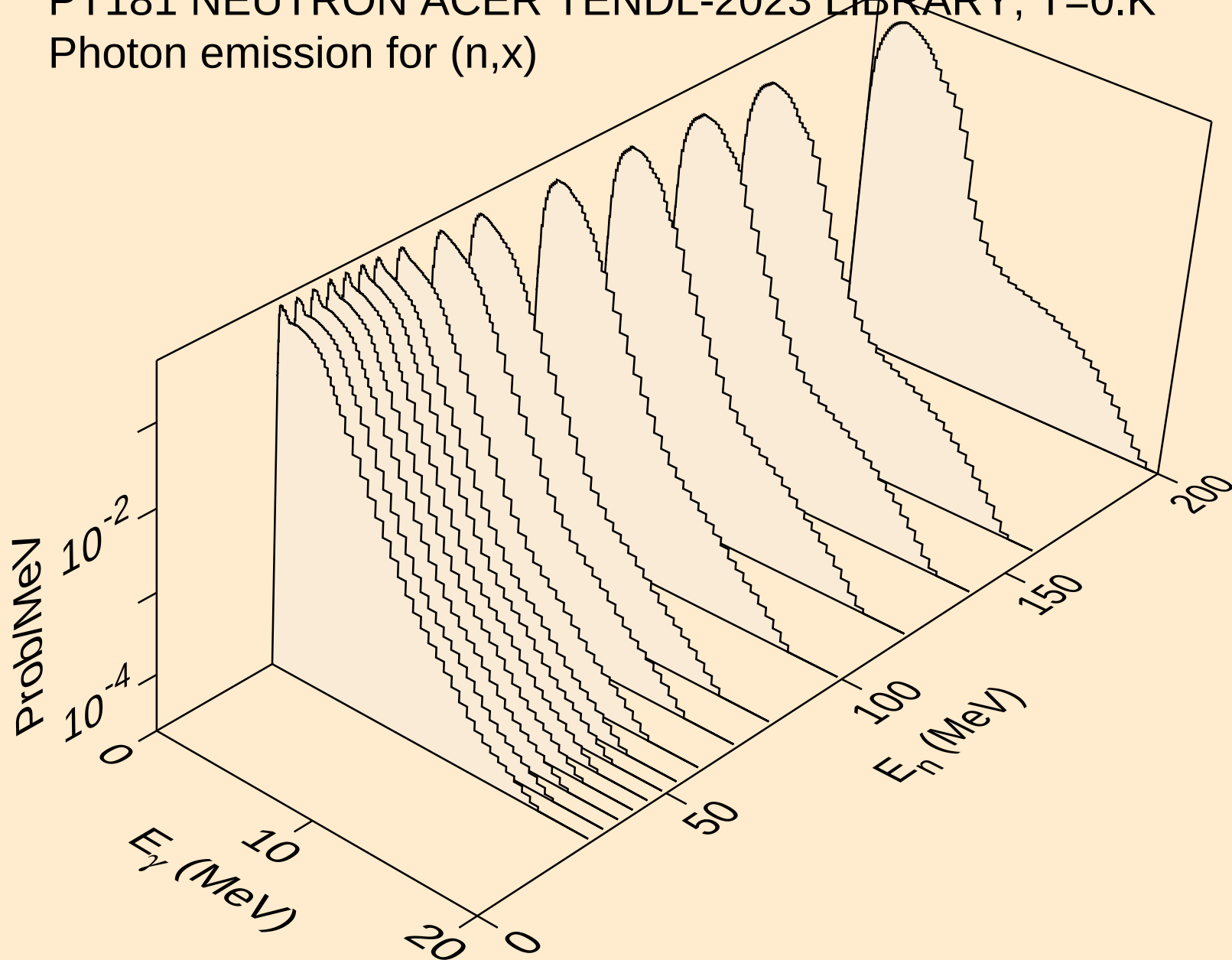
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



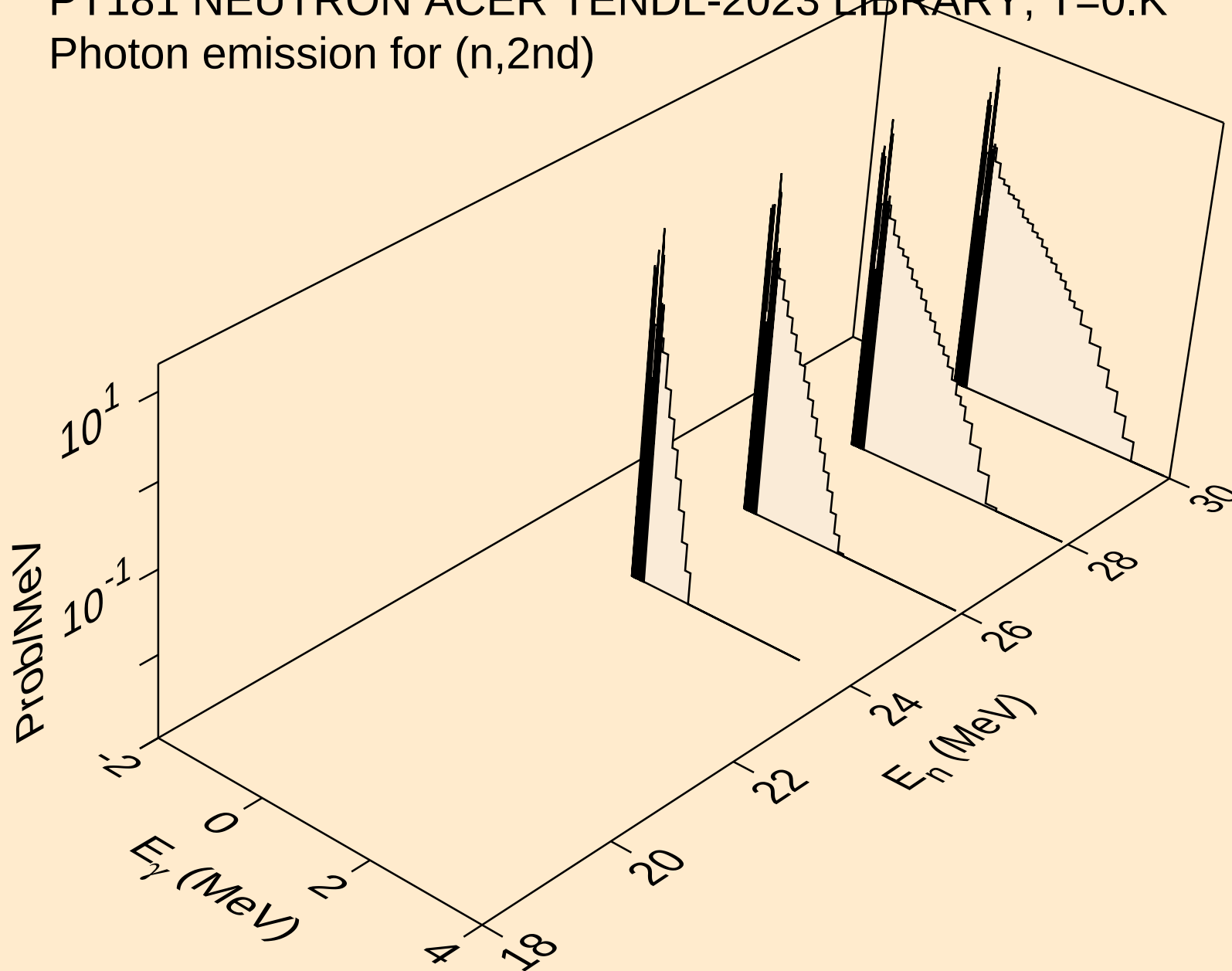
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



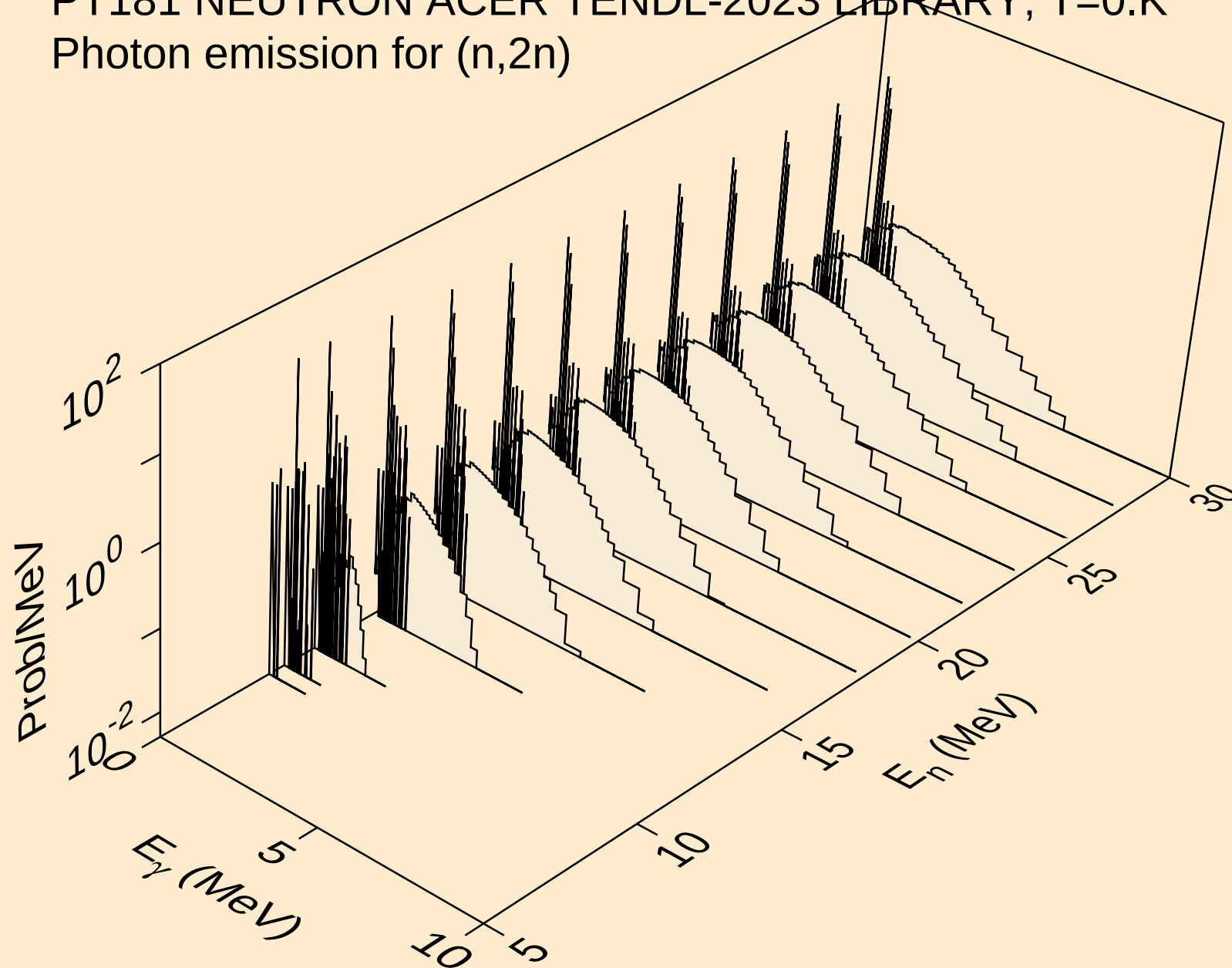
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



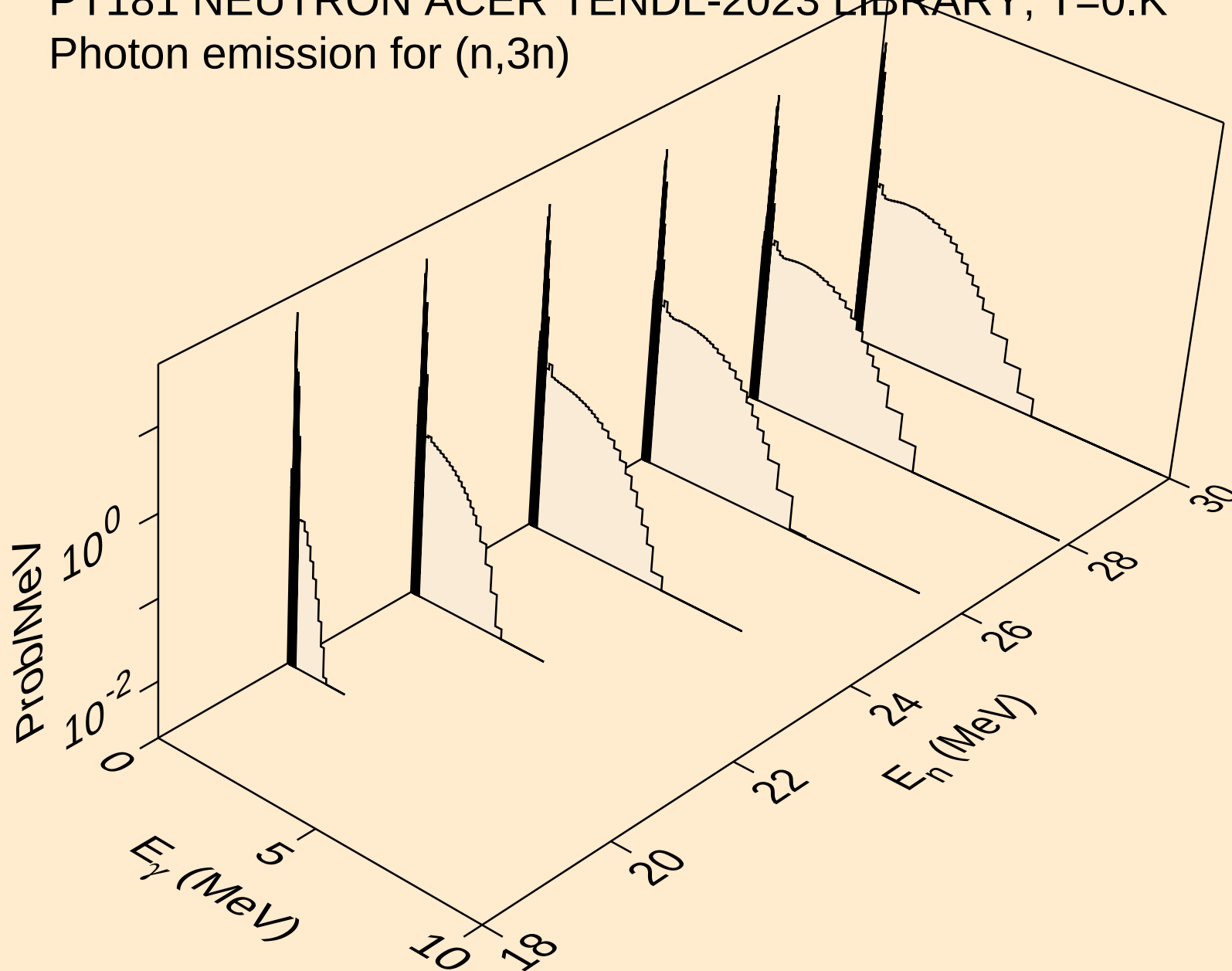
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

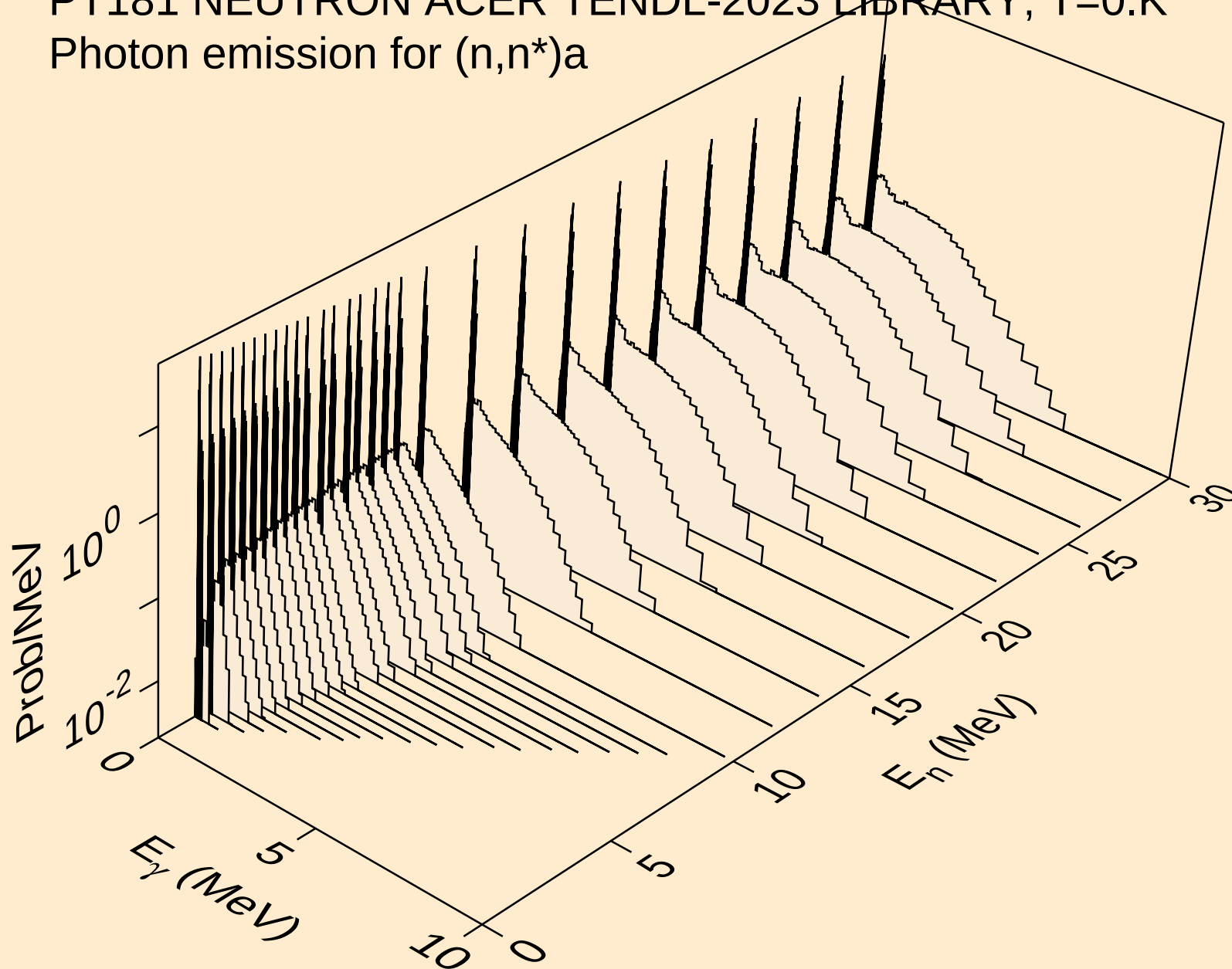


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)

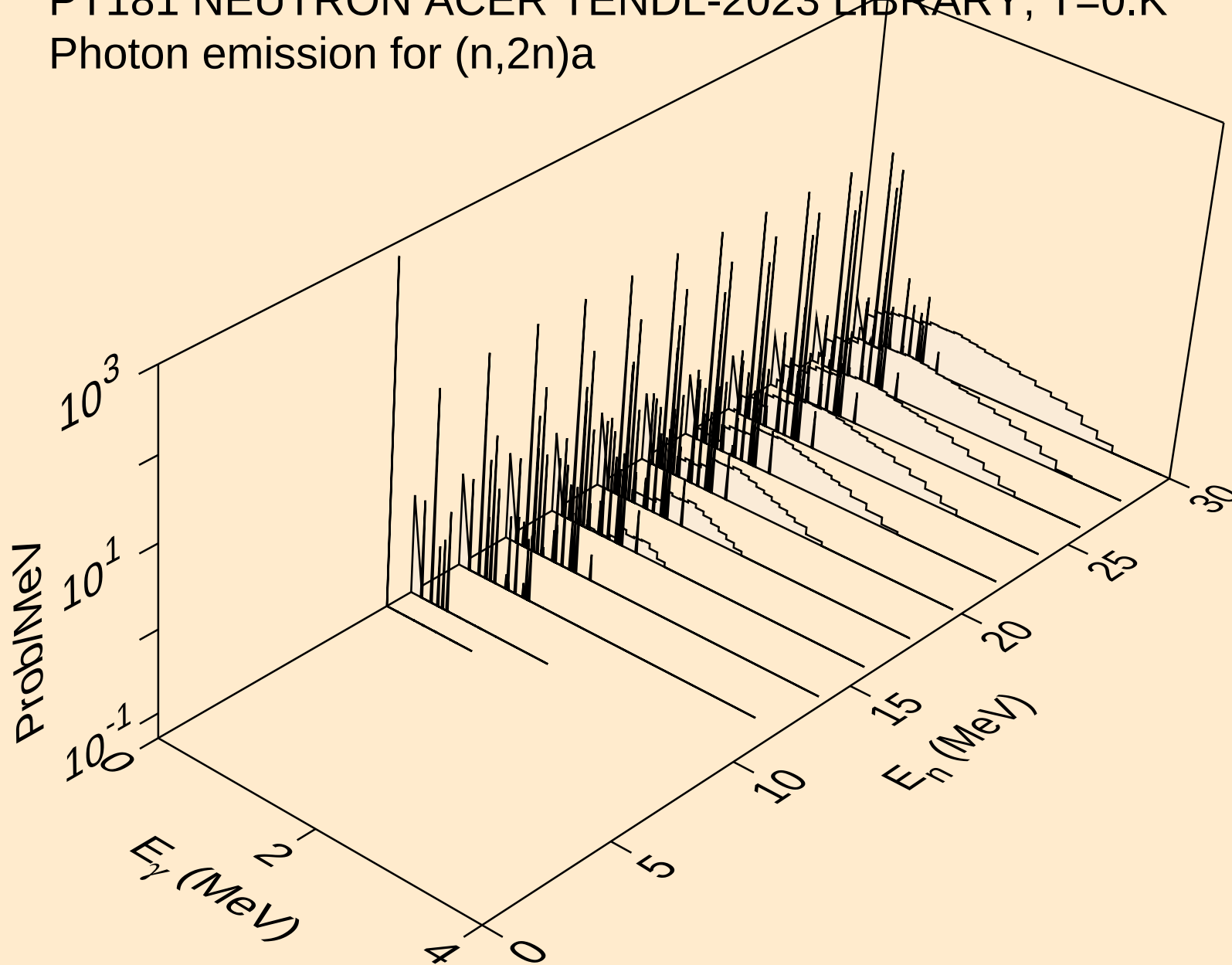


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a

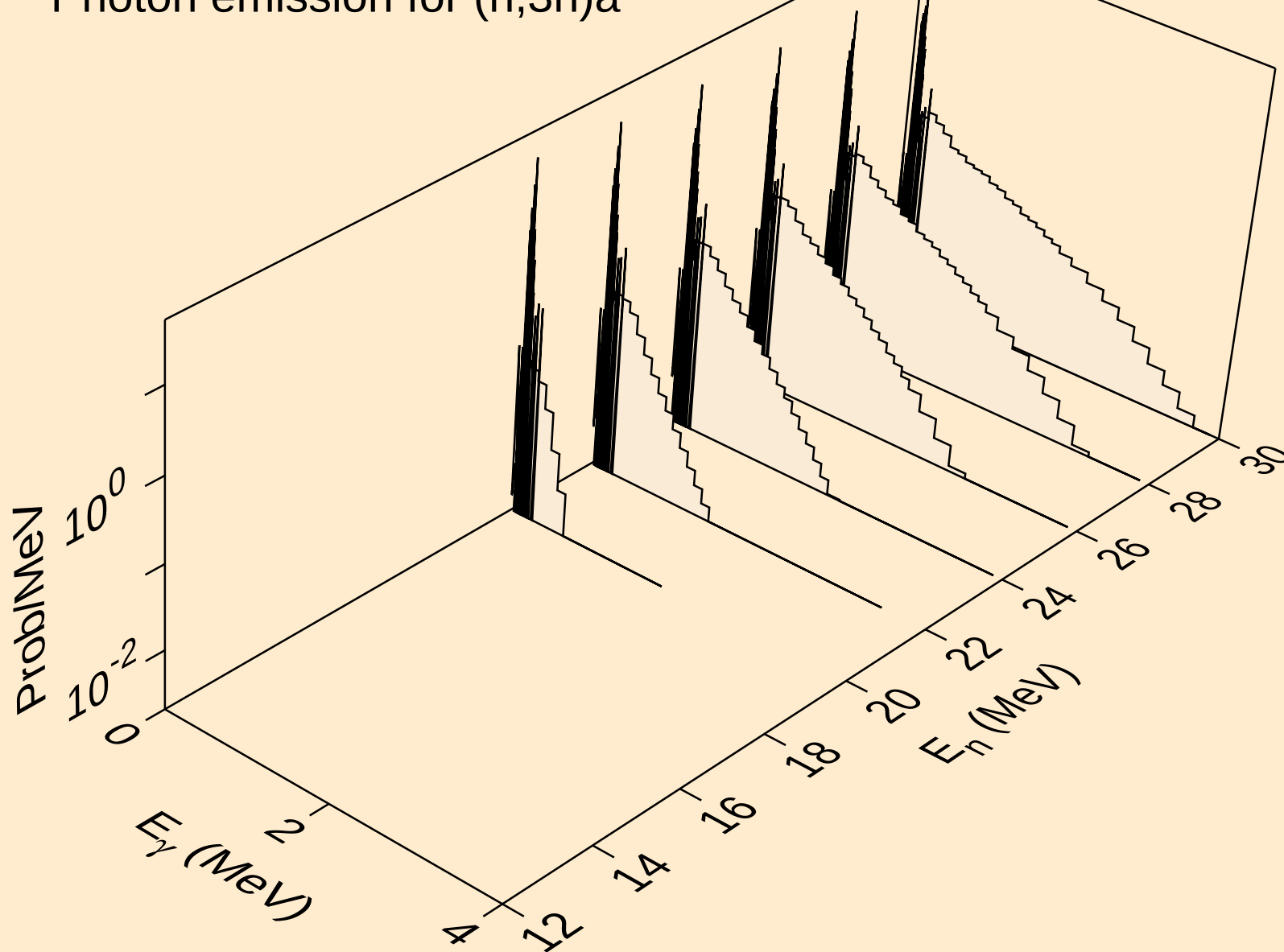


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



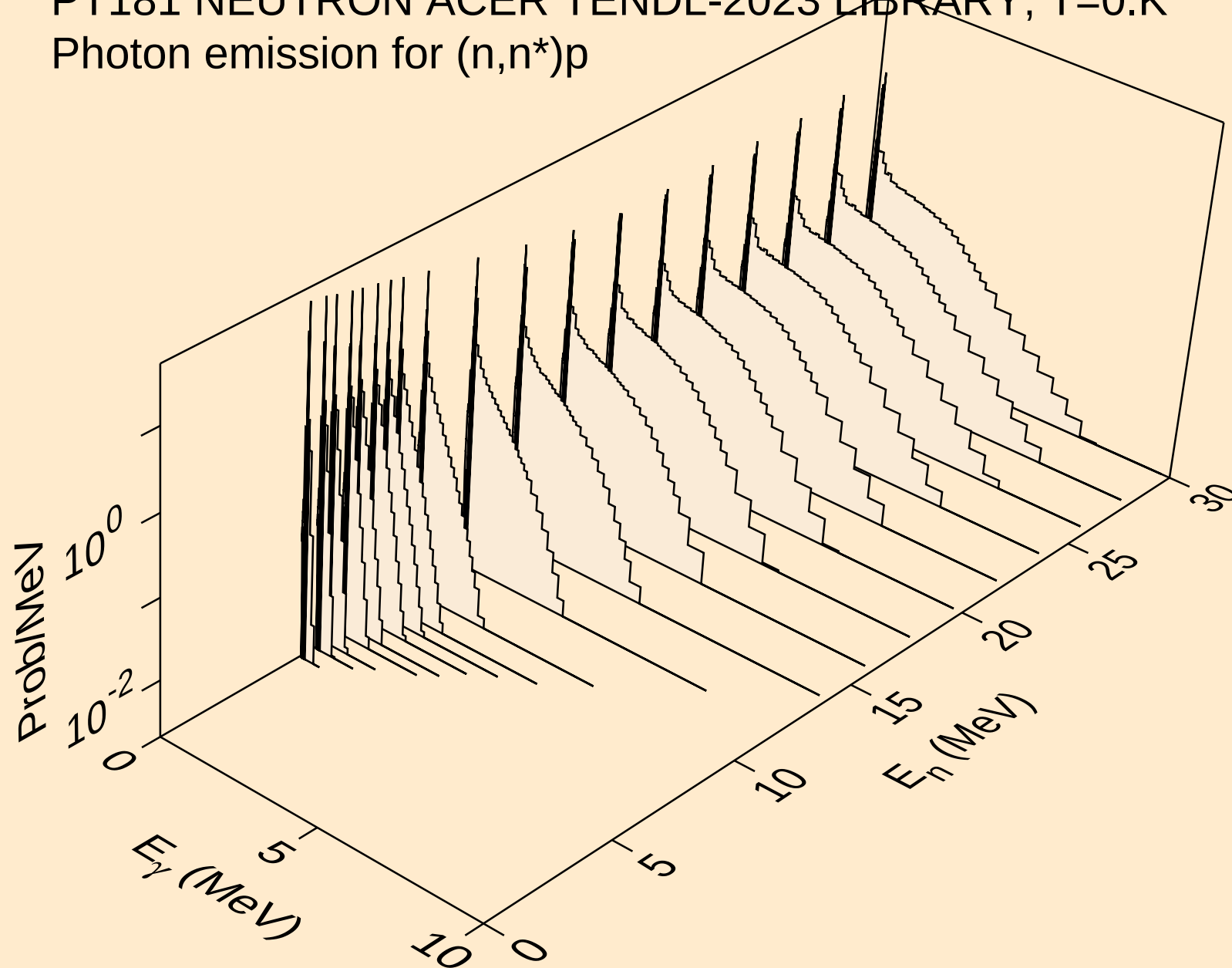
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n) α

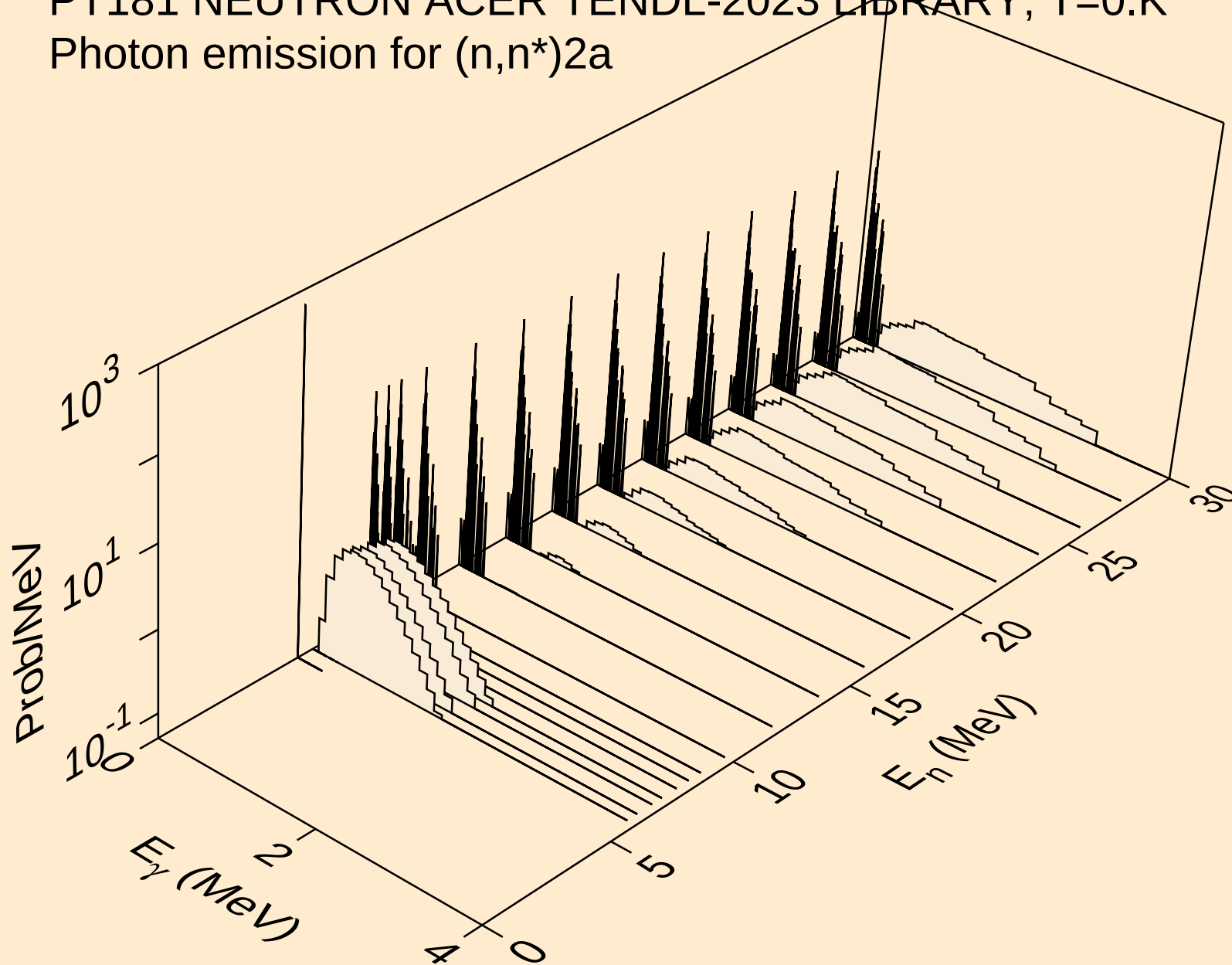


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

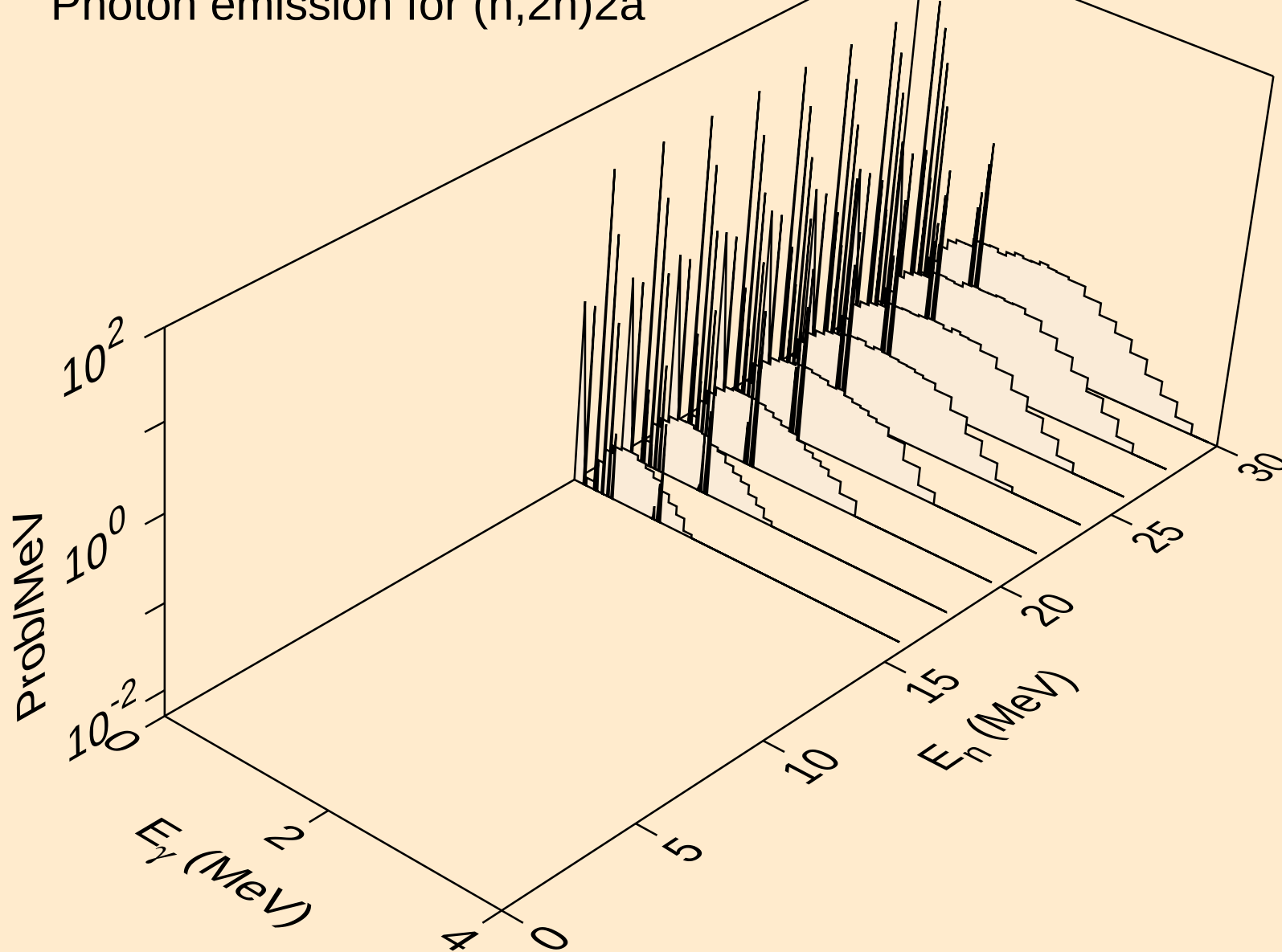
Photon emission for (n,n*)p



PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a

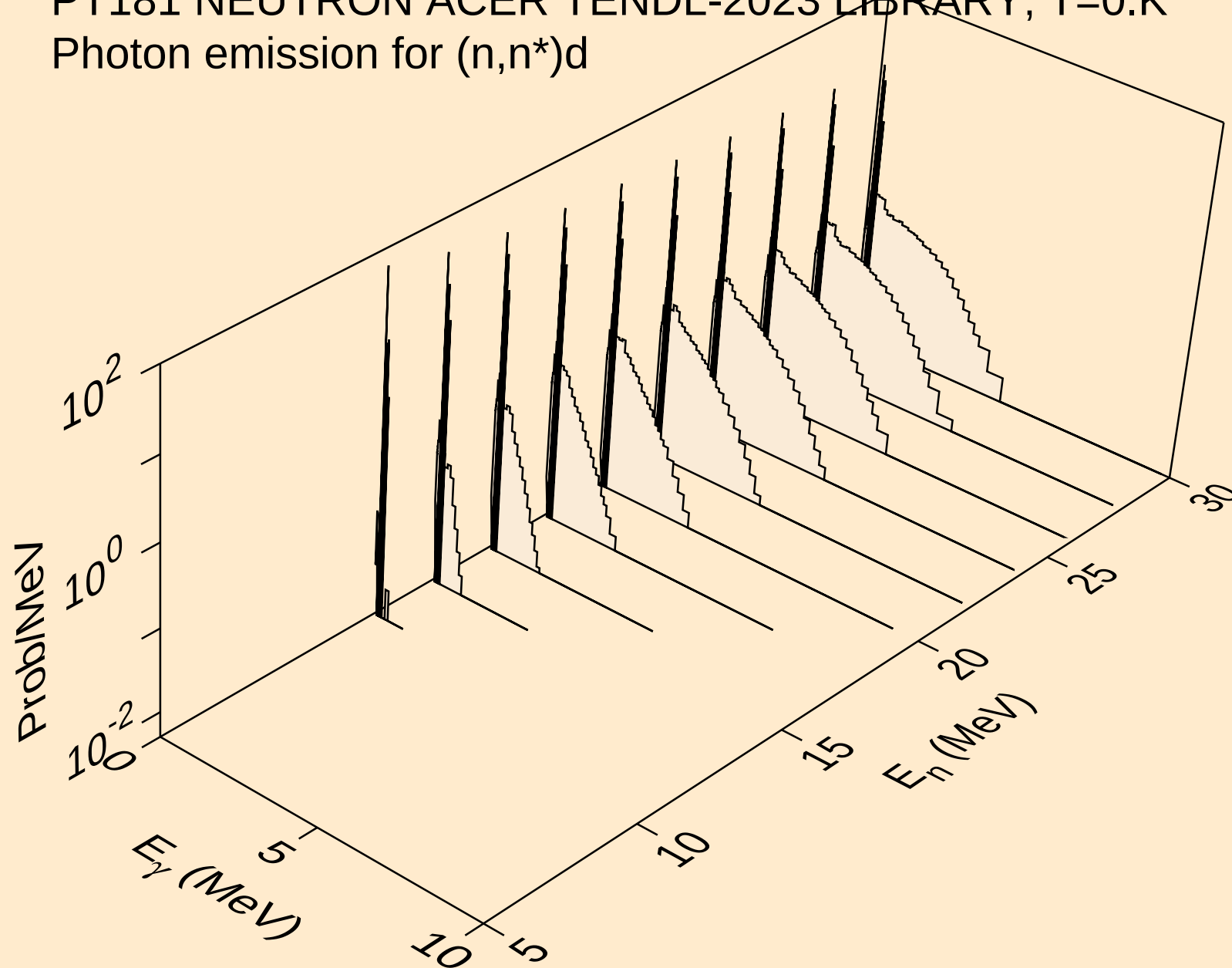


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)2a



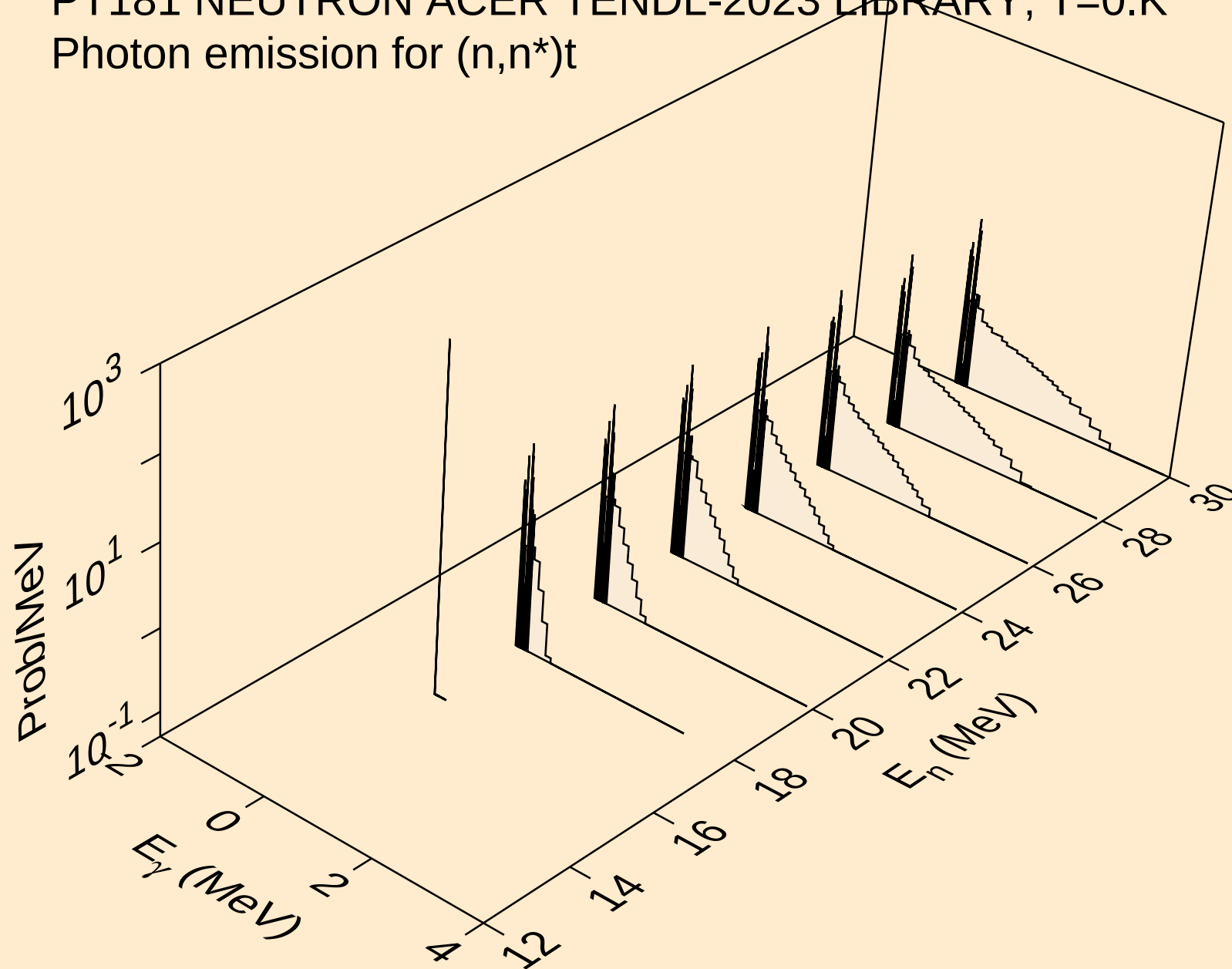
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

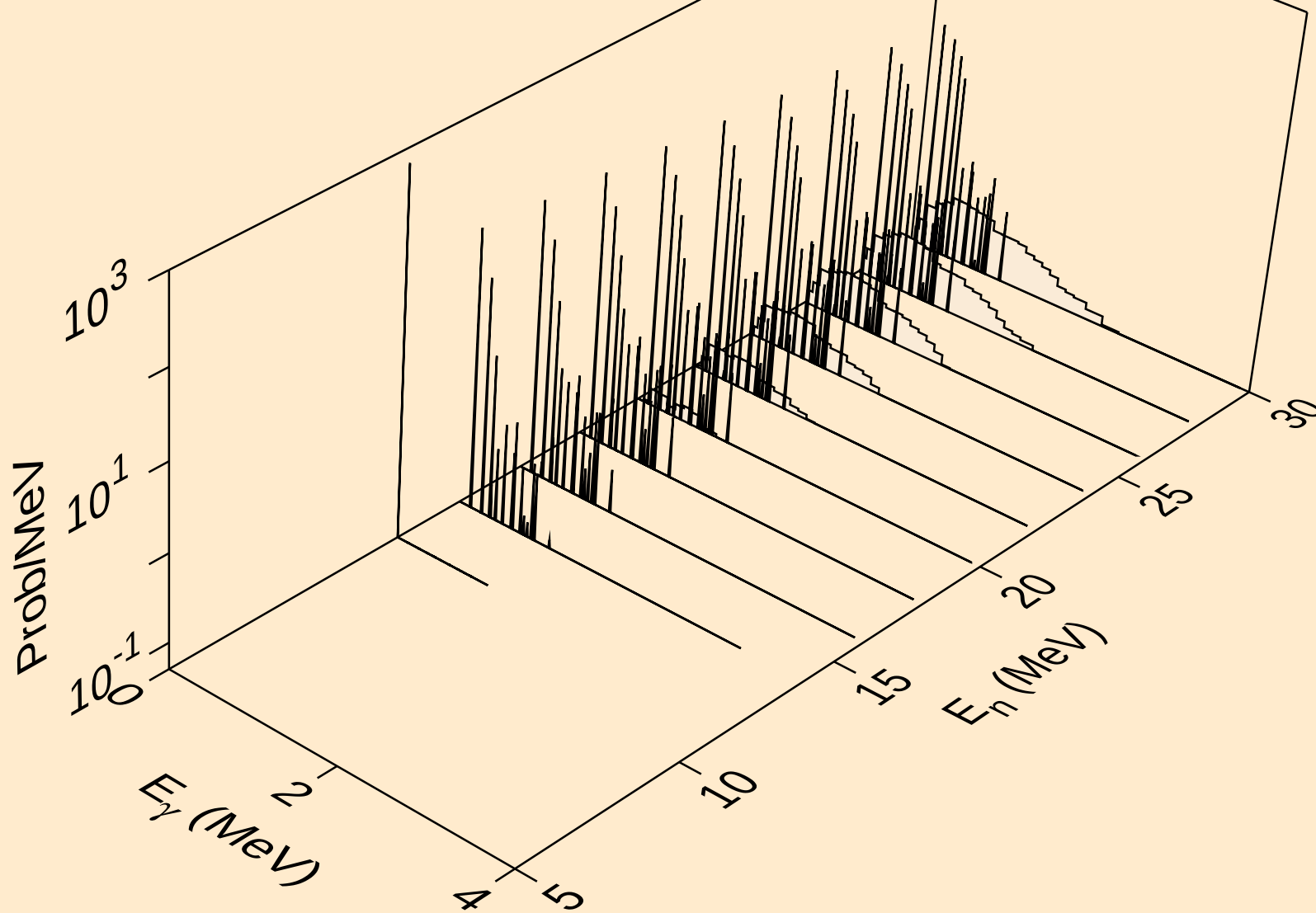


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

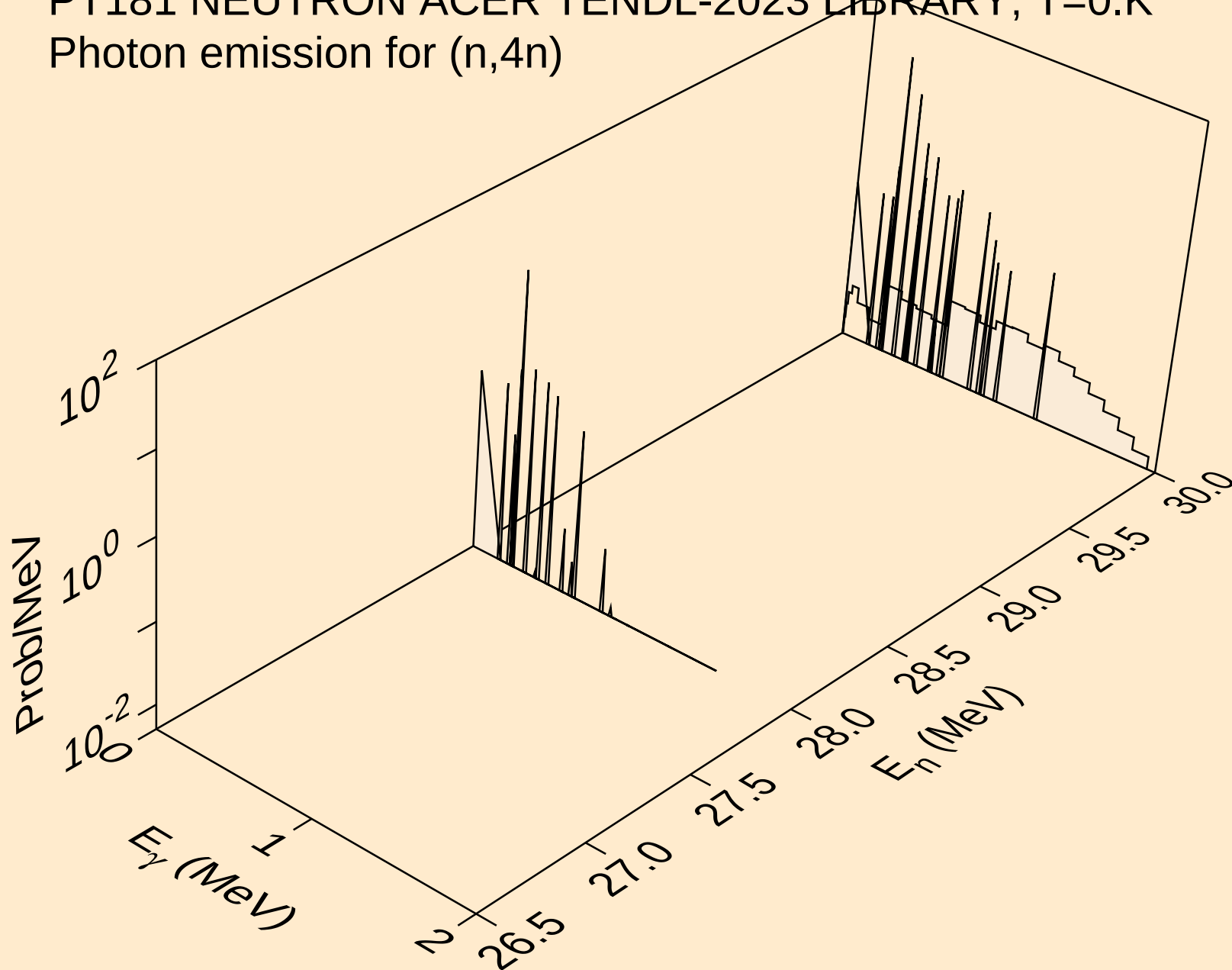
Photon emission for (n,n*)t



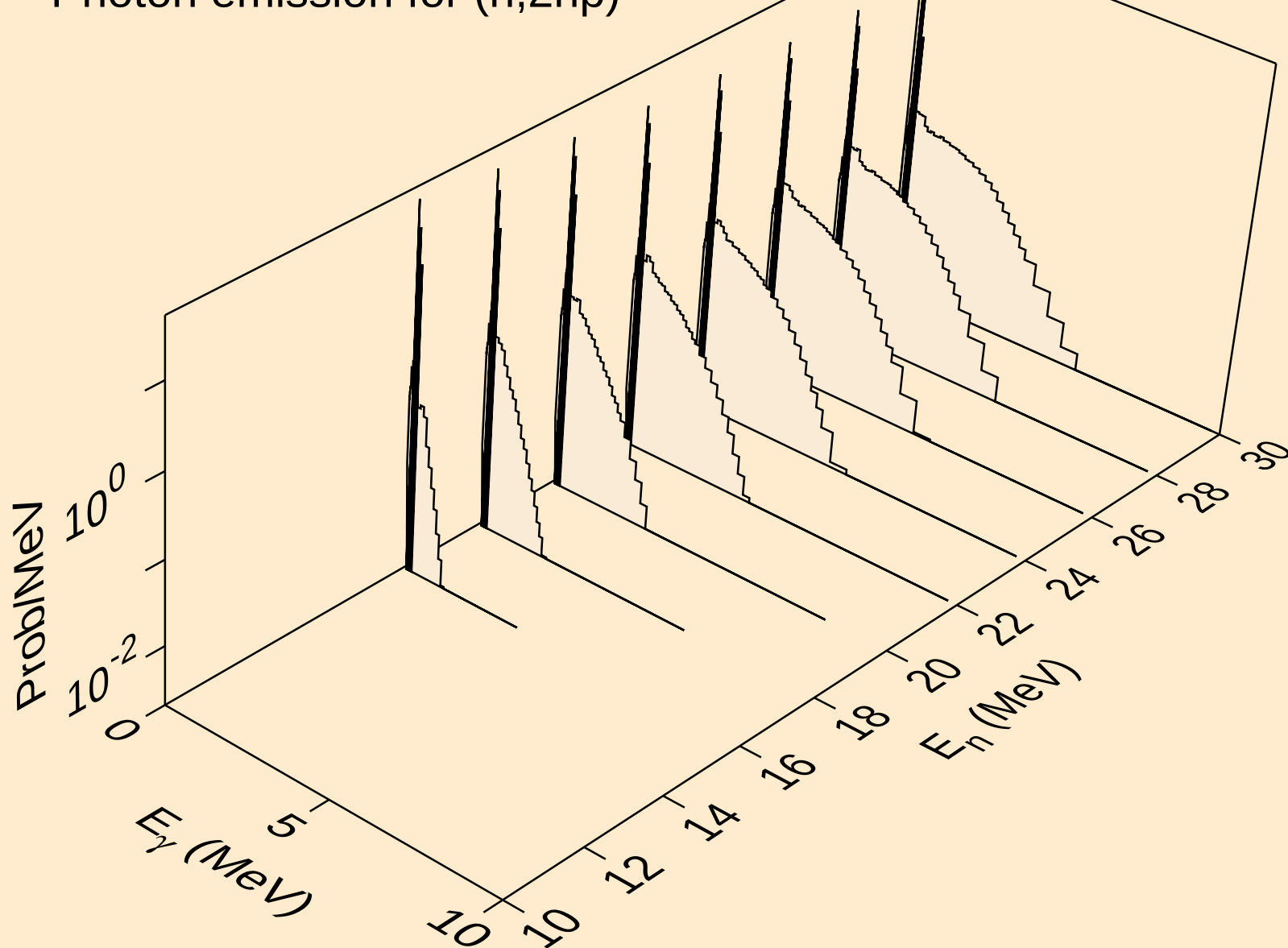
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



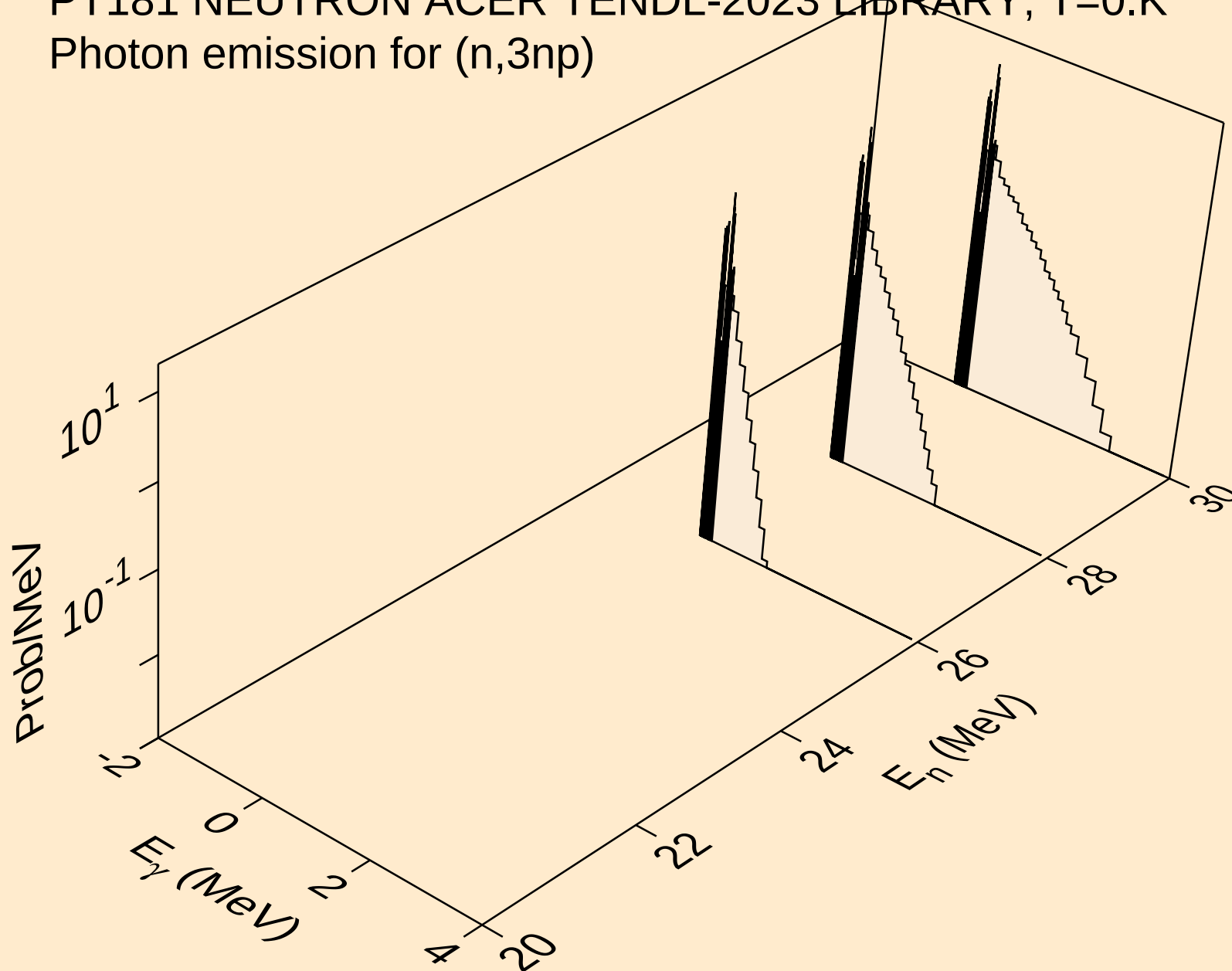
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



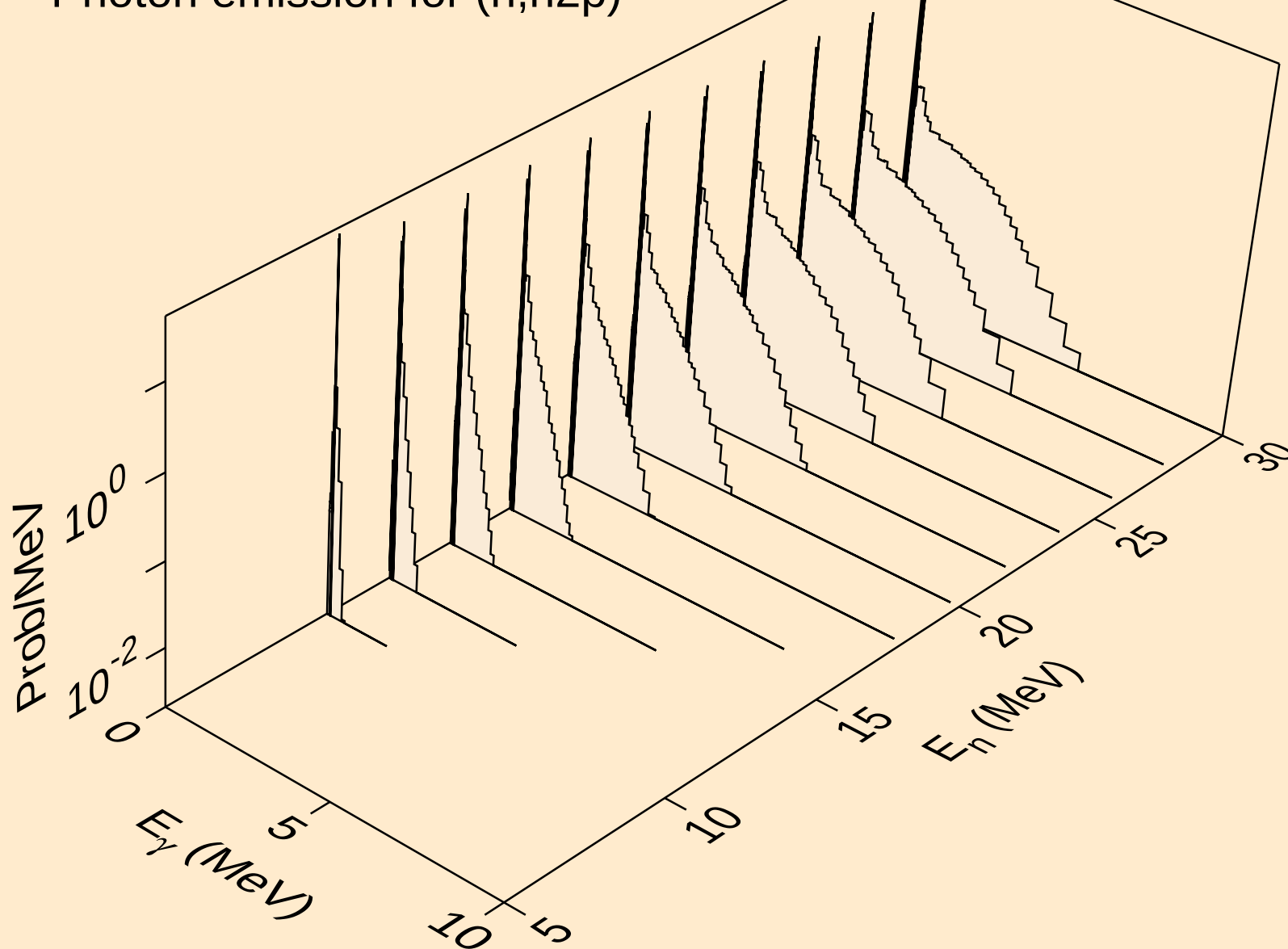
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



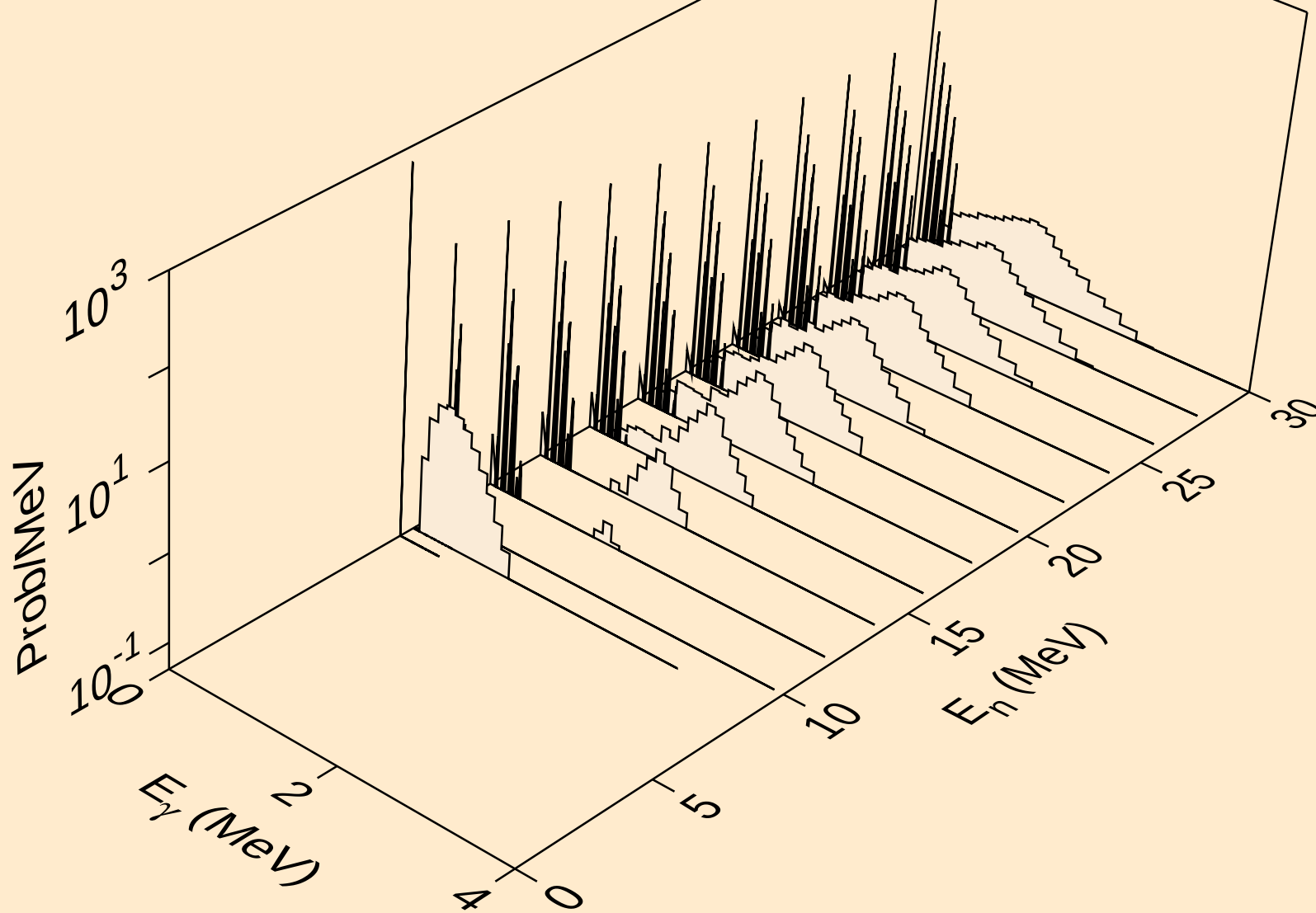
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



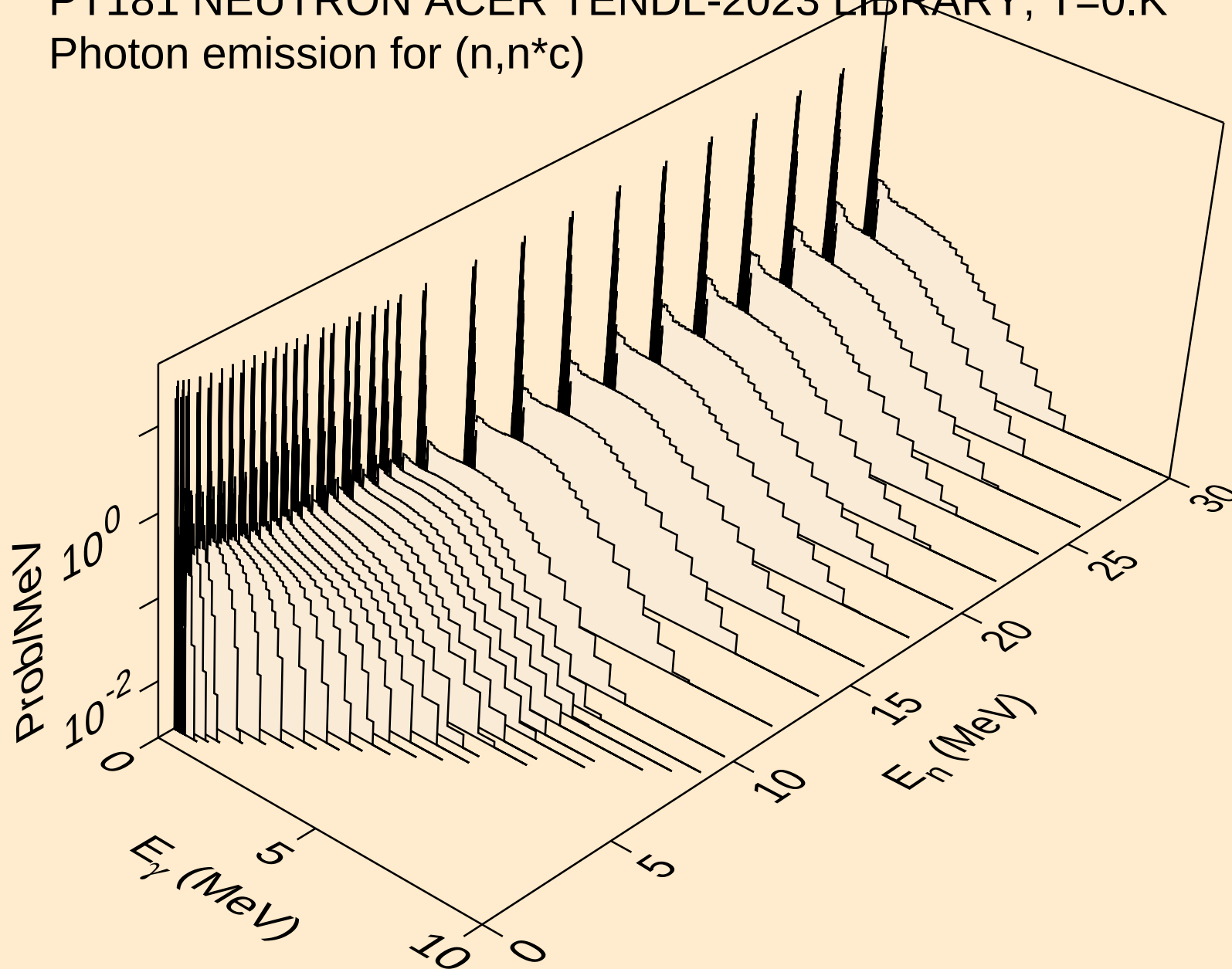
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



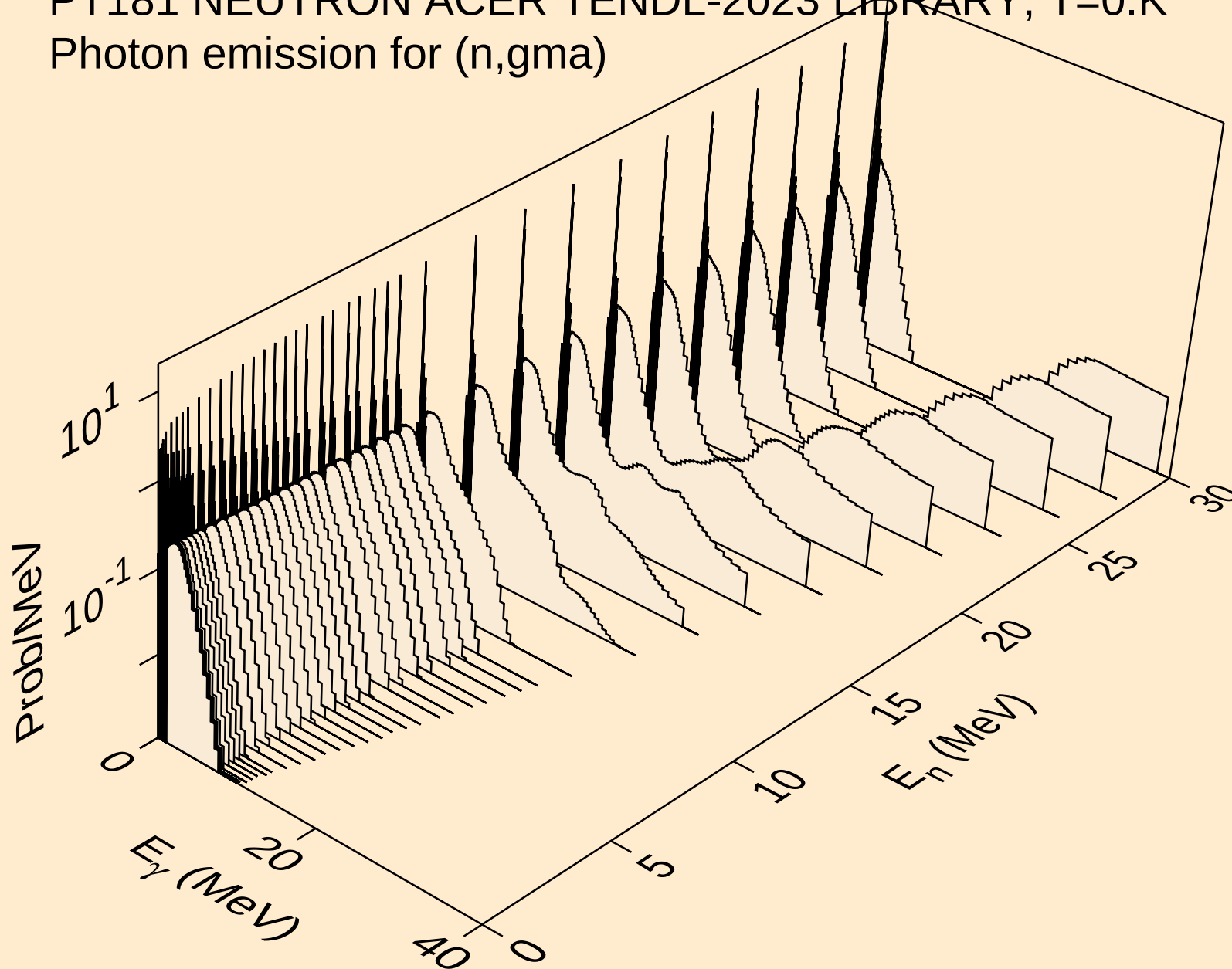
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



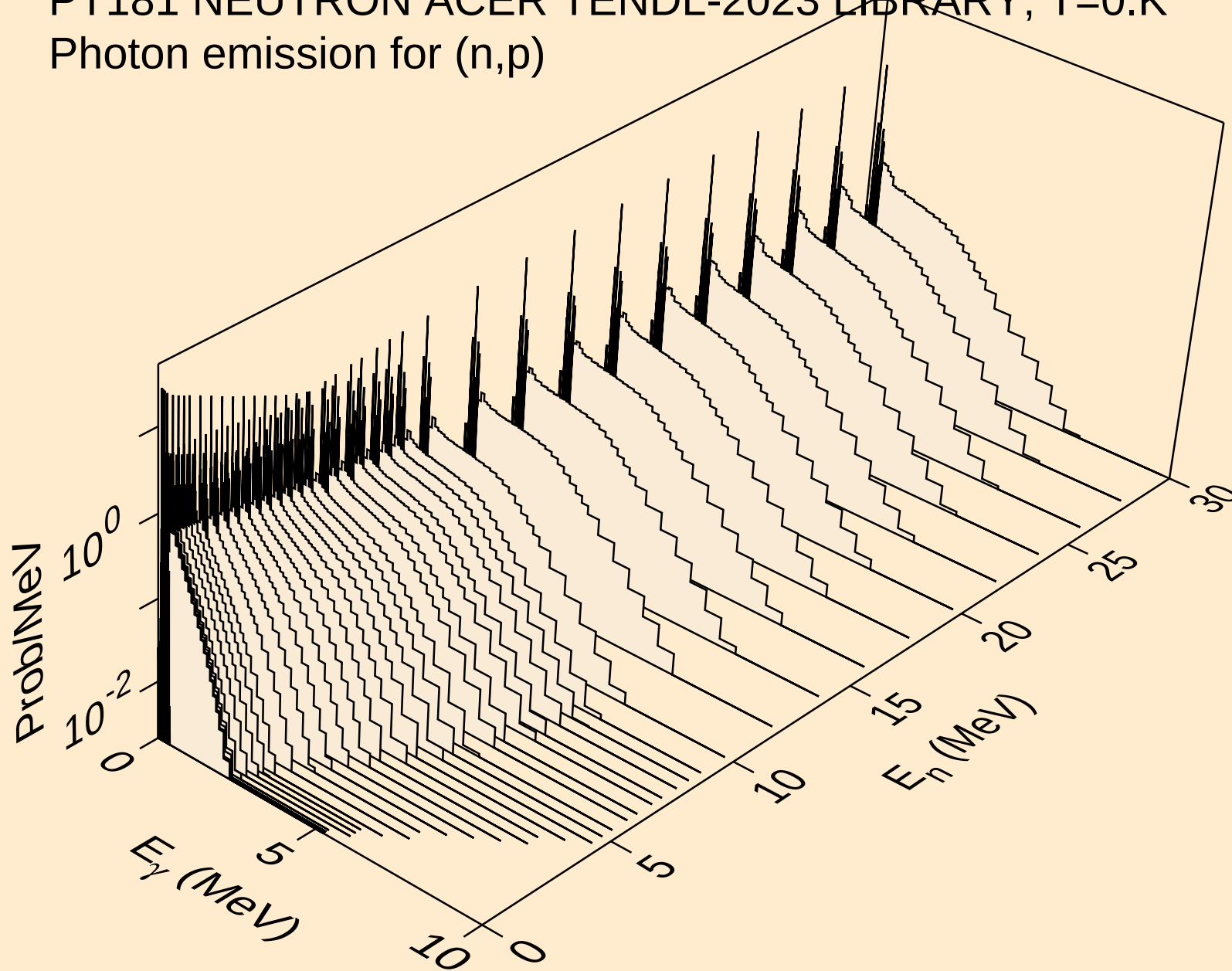
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



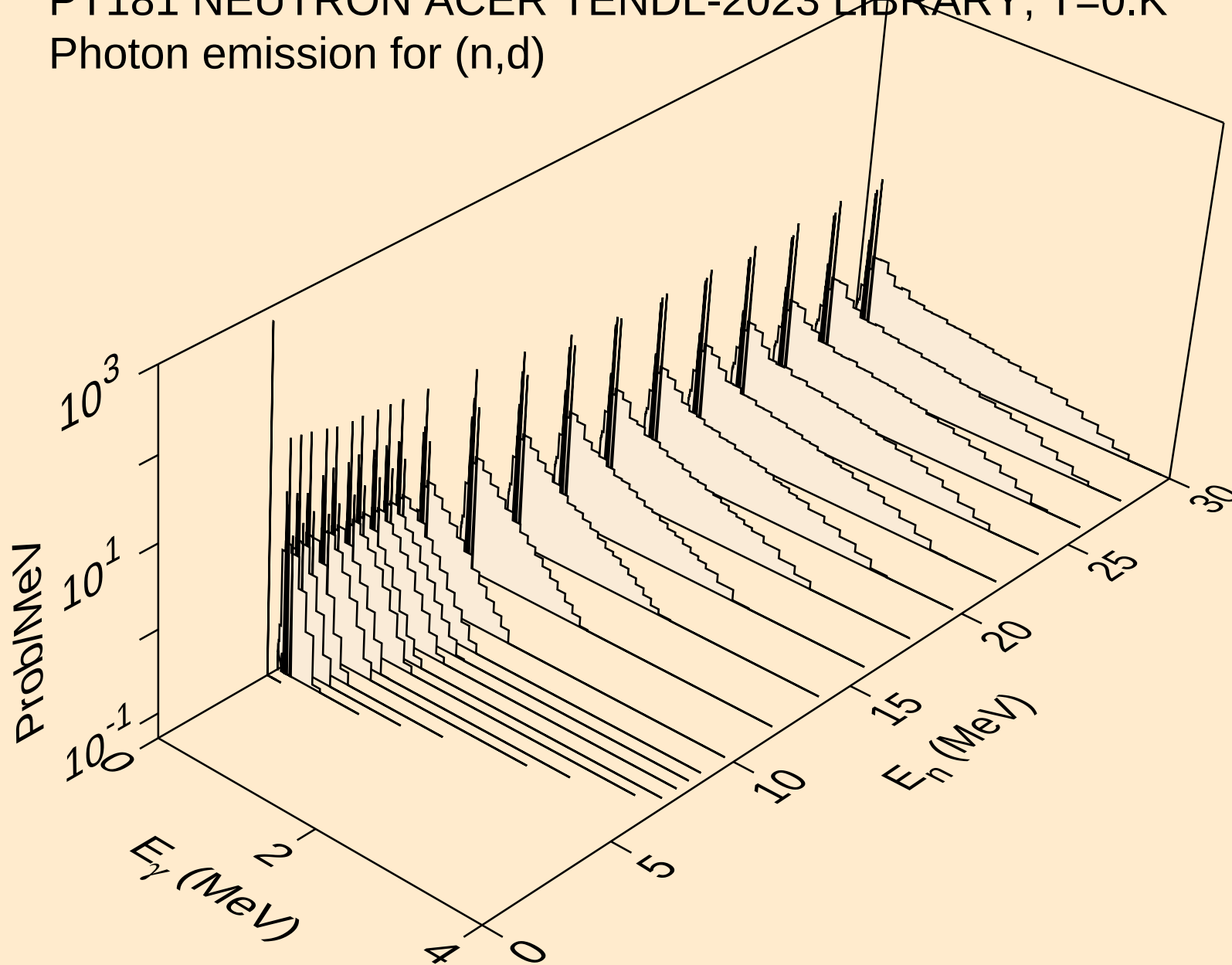
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



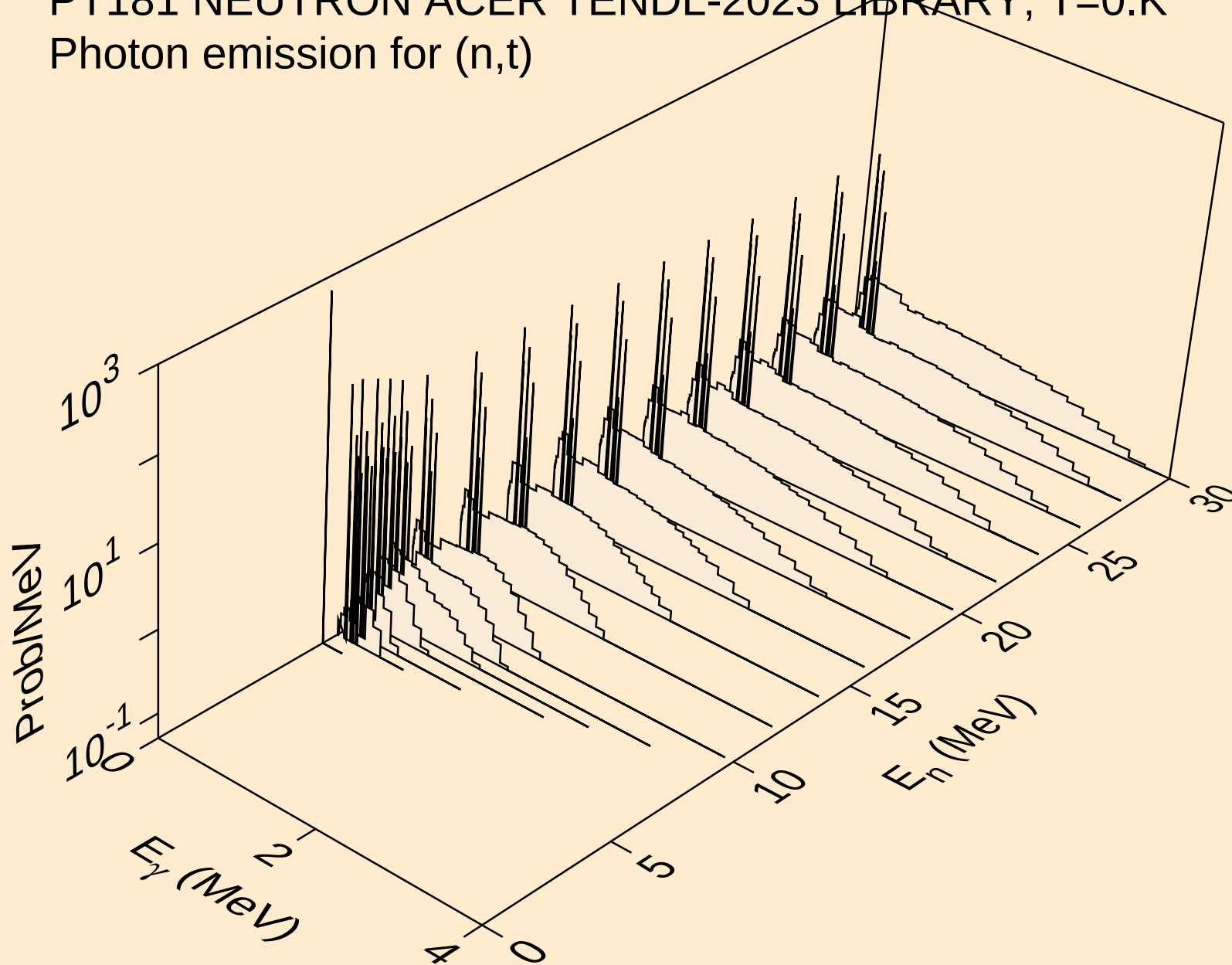
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



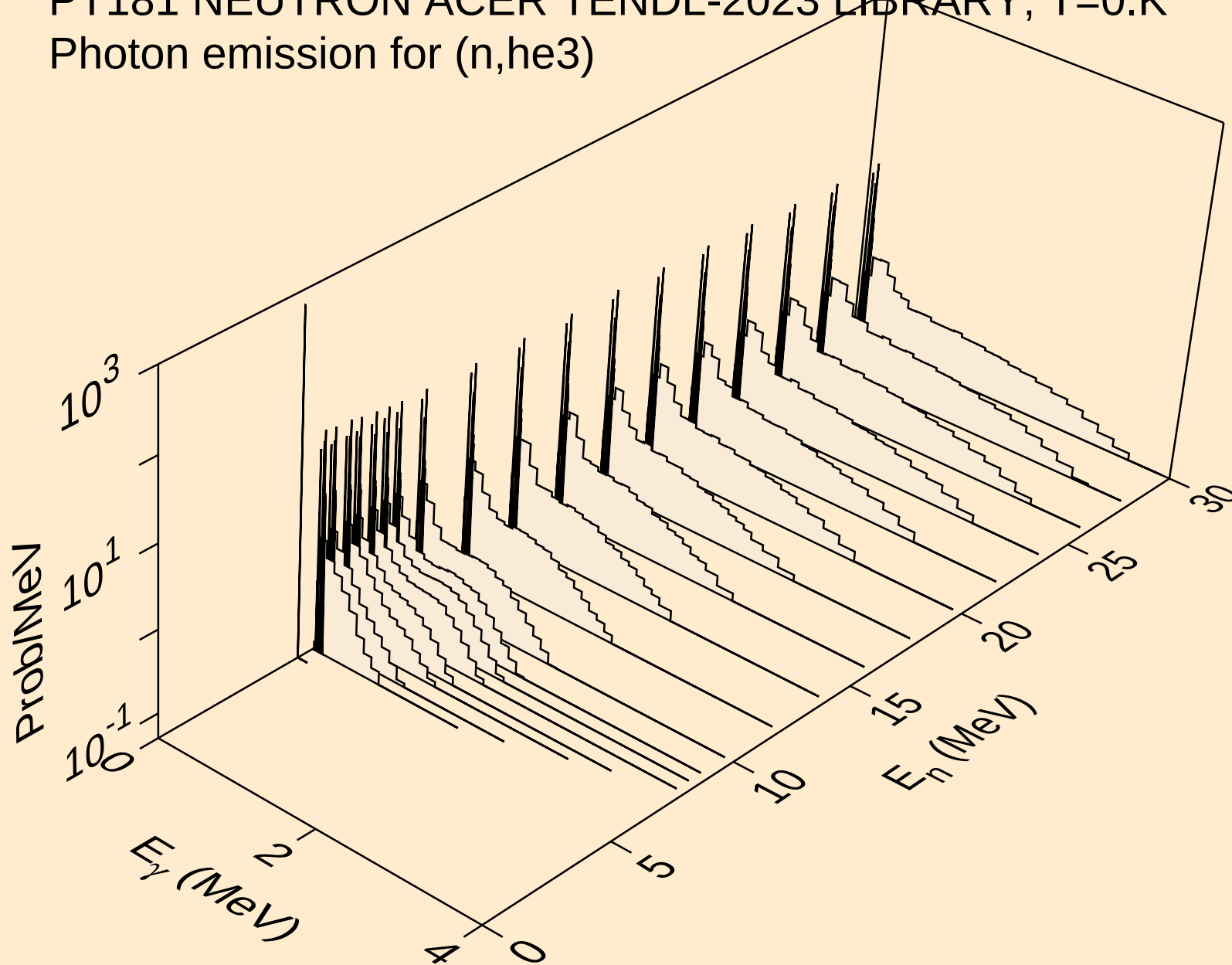
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



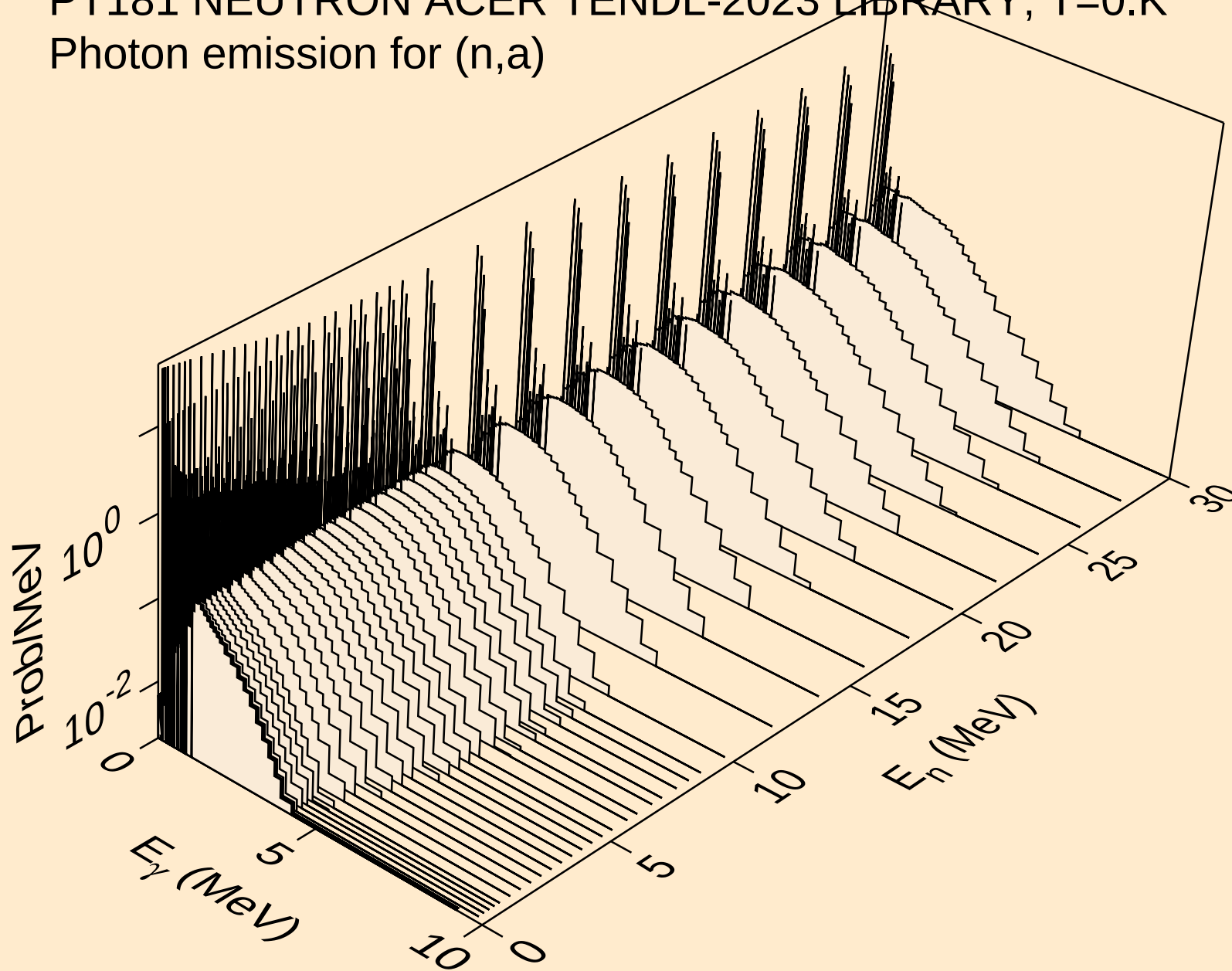
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



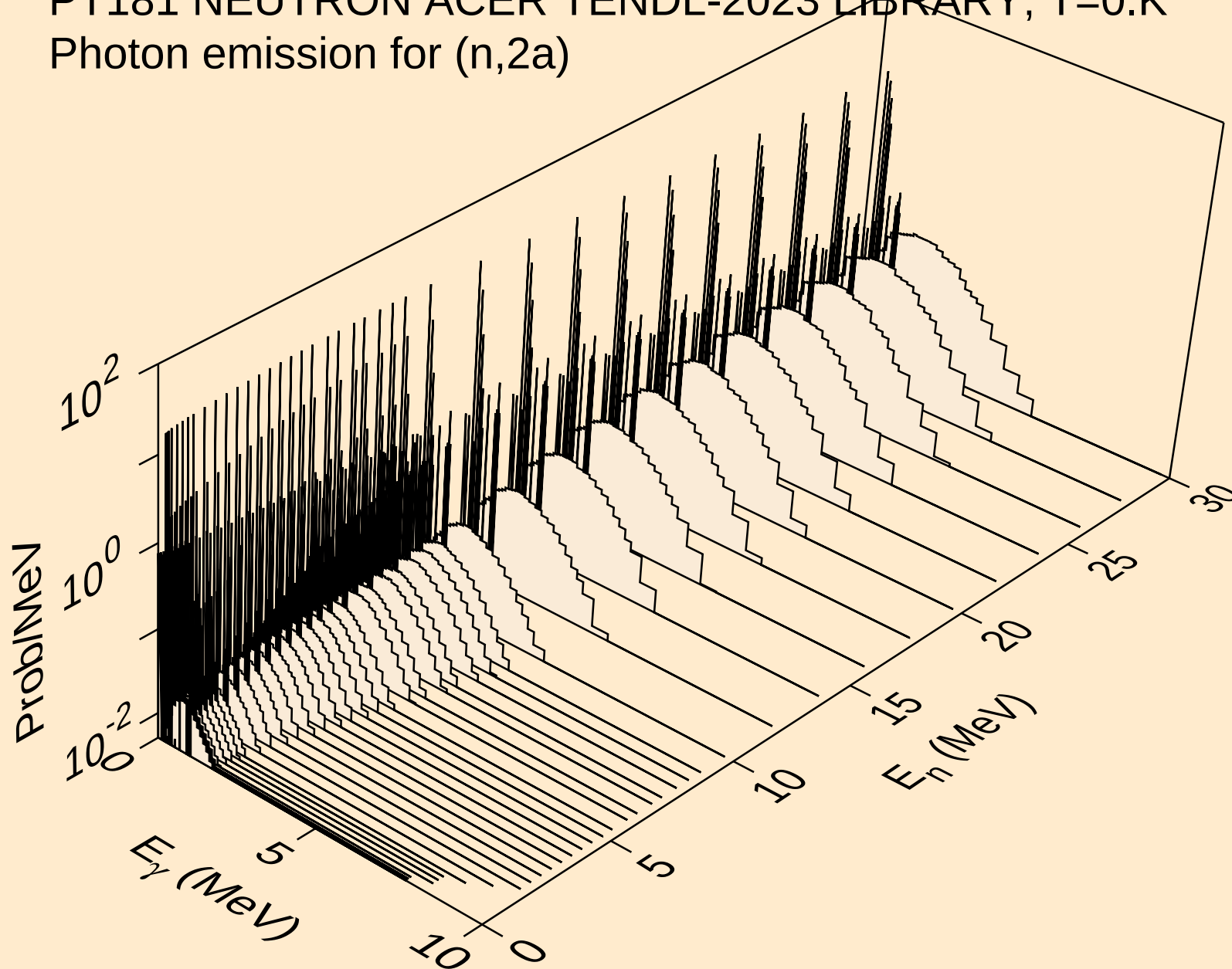
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



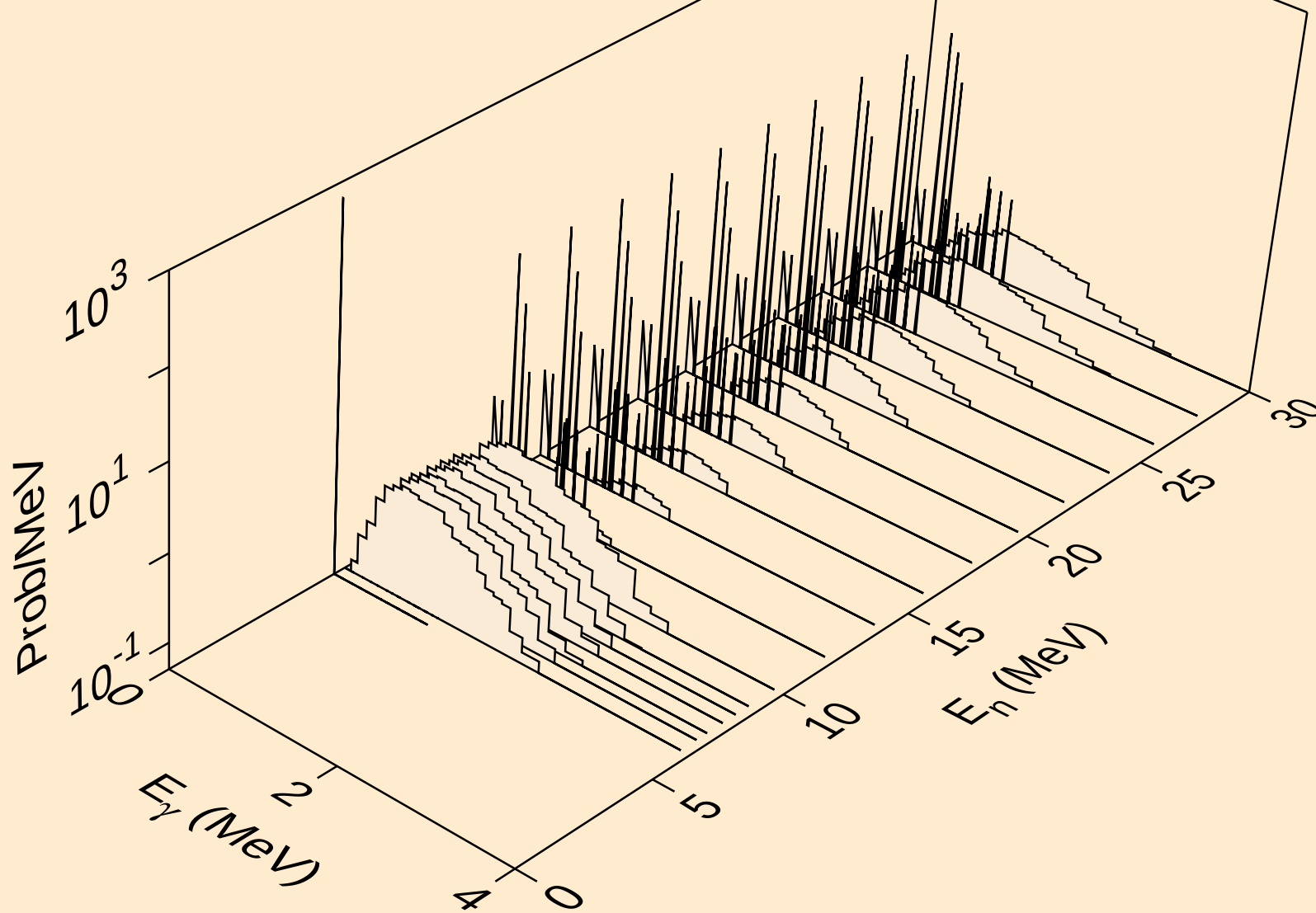
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



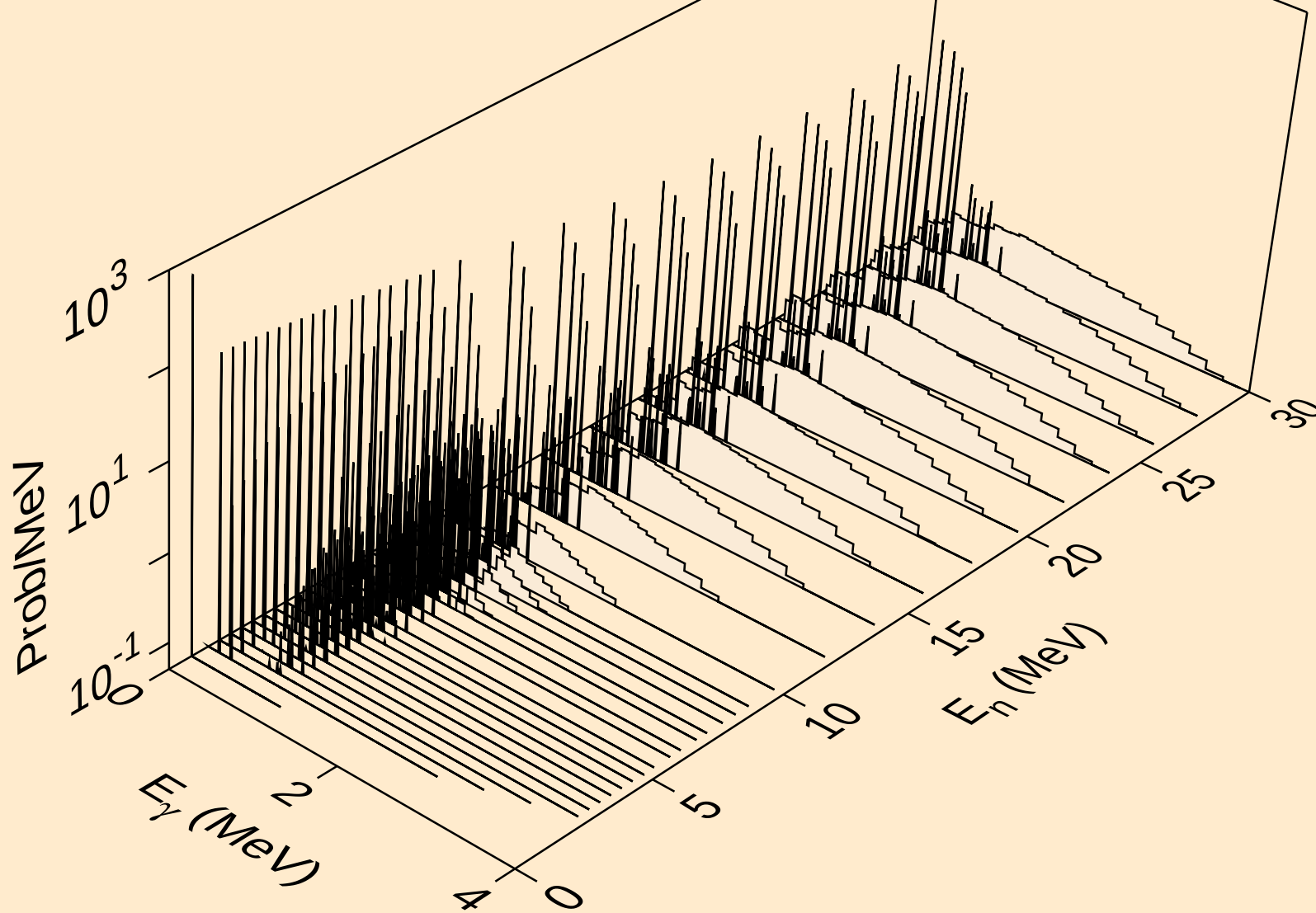
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



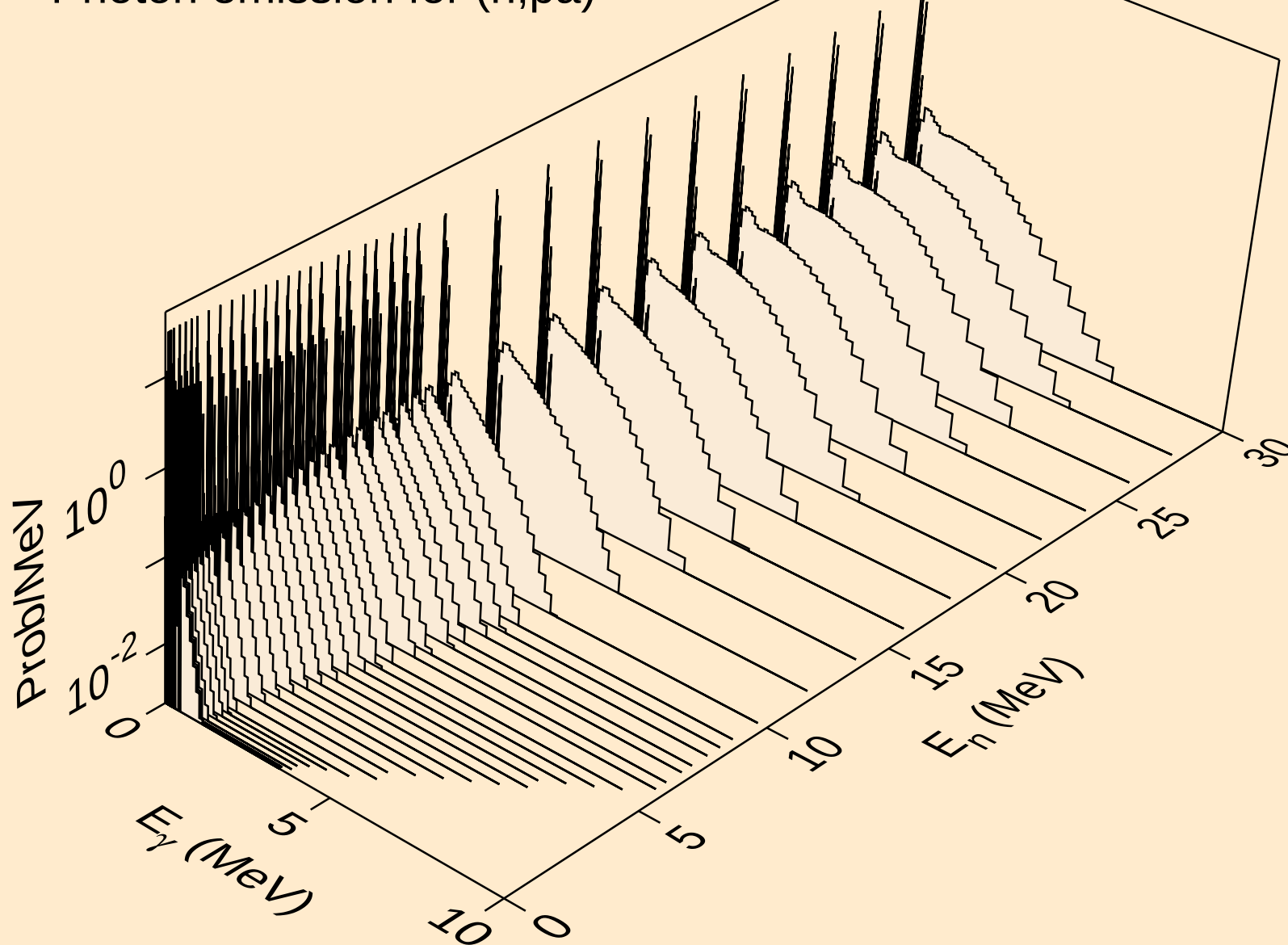
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3a)



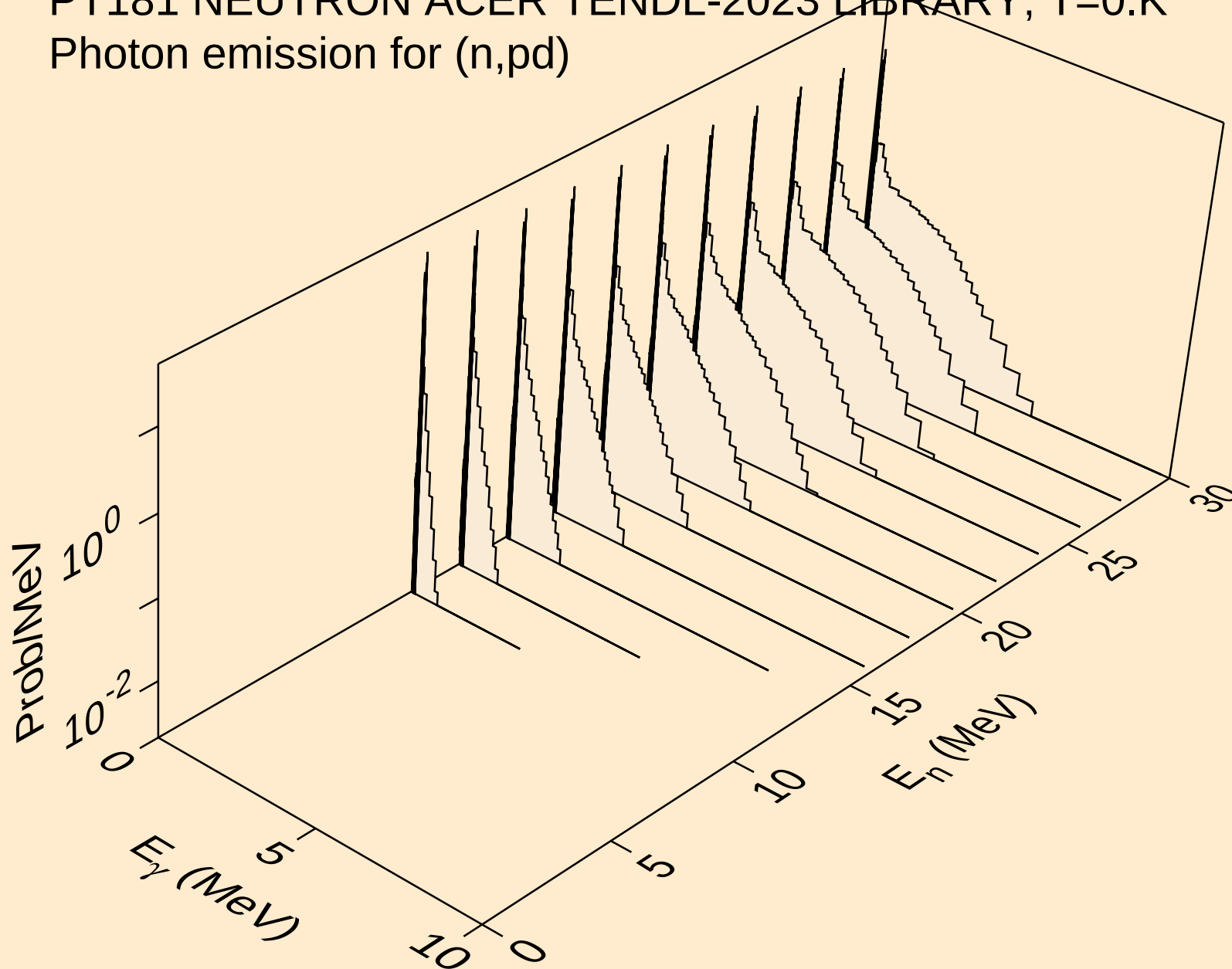
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



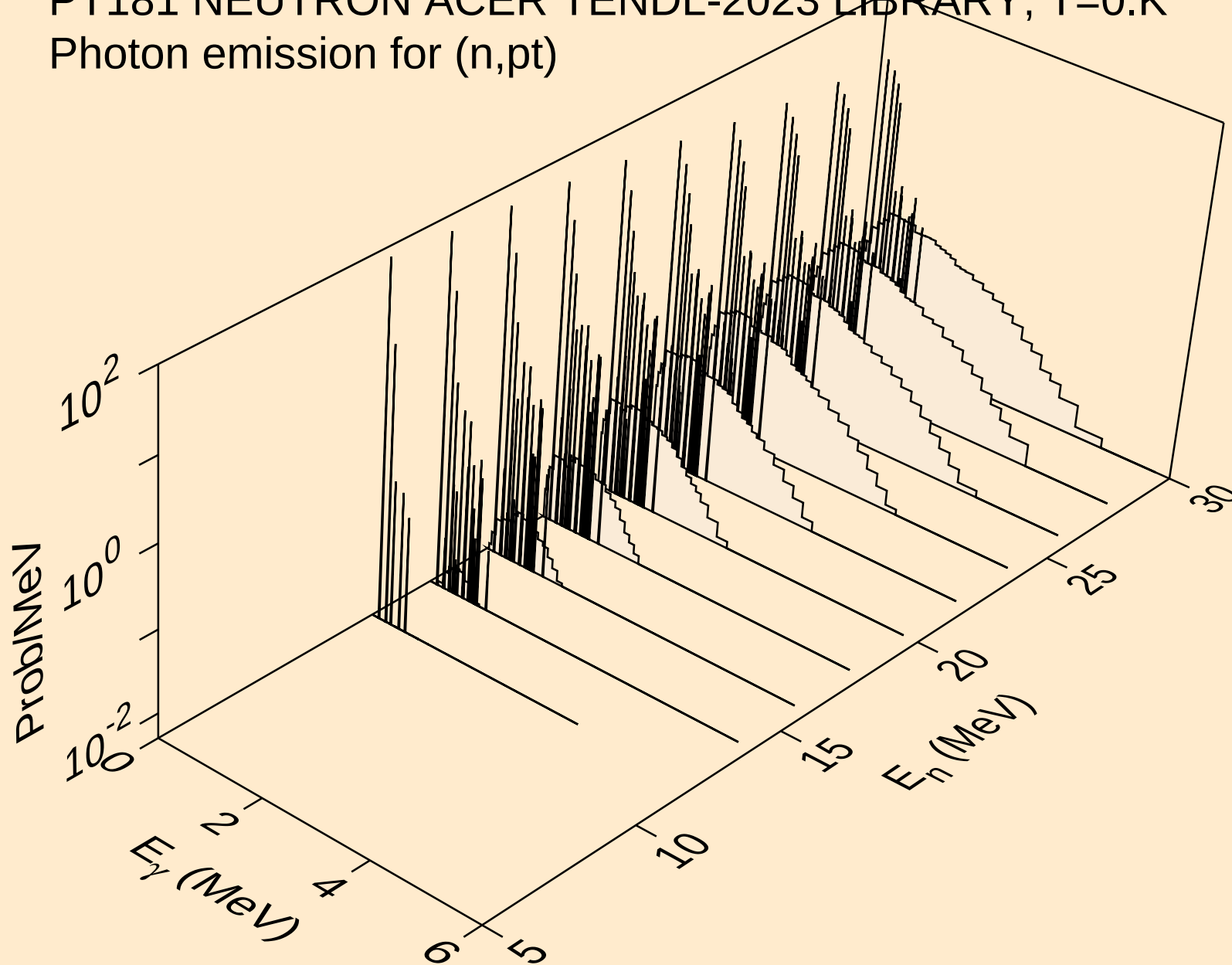
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



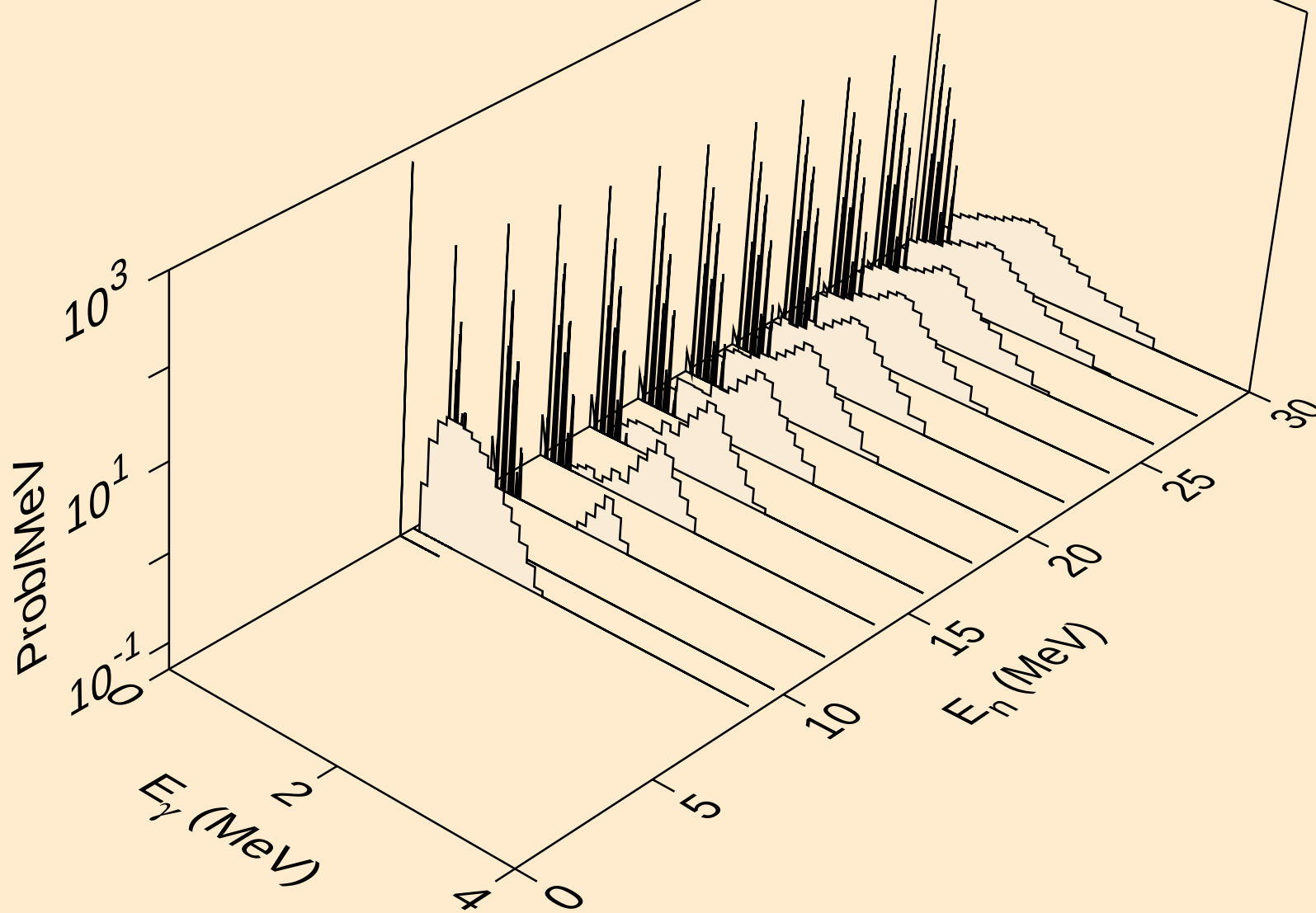
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



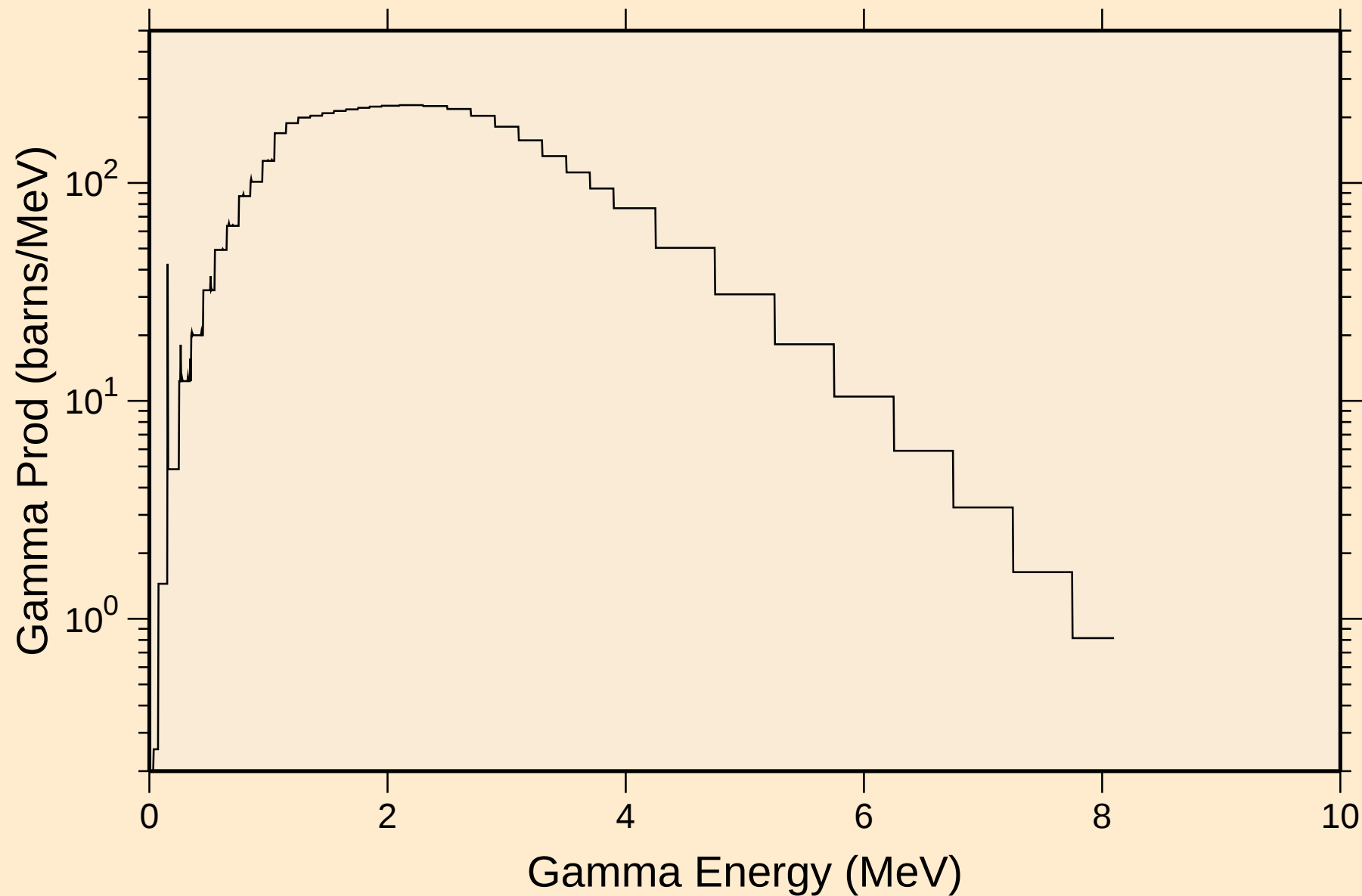
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



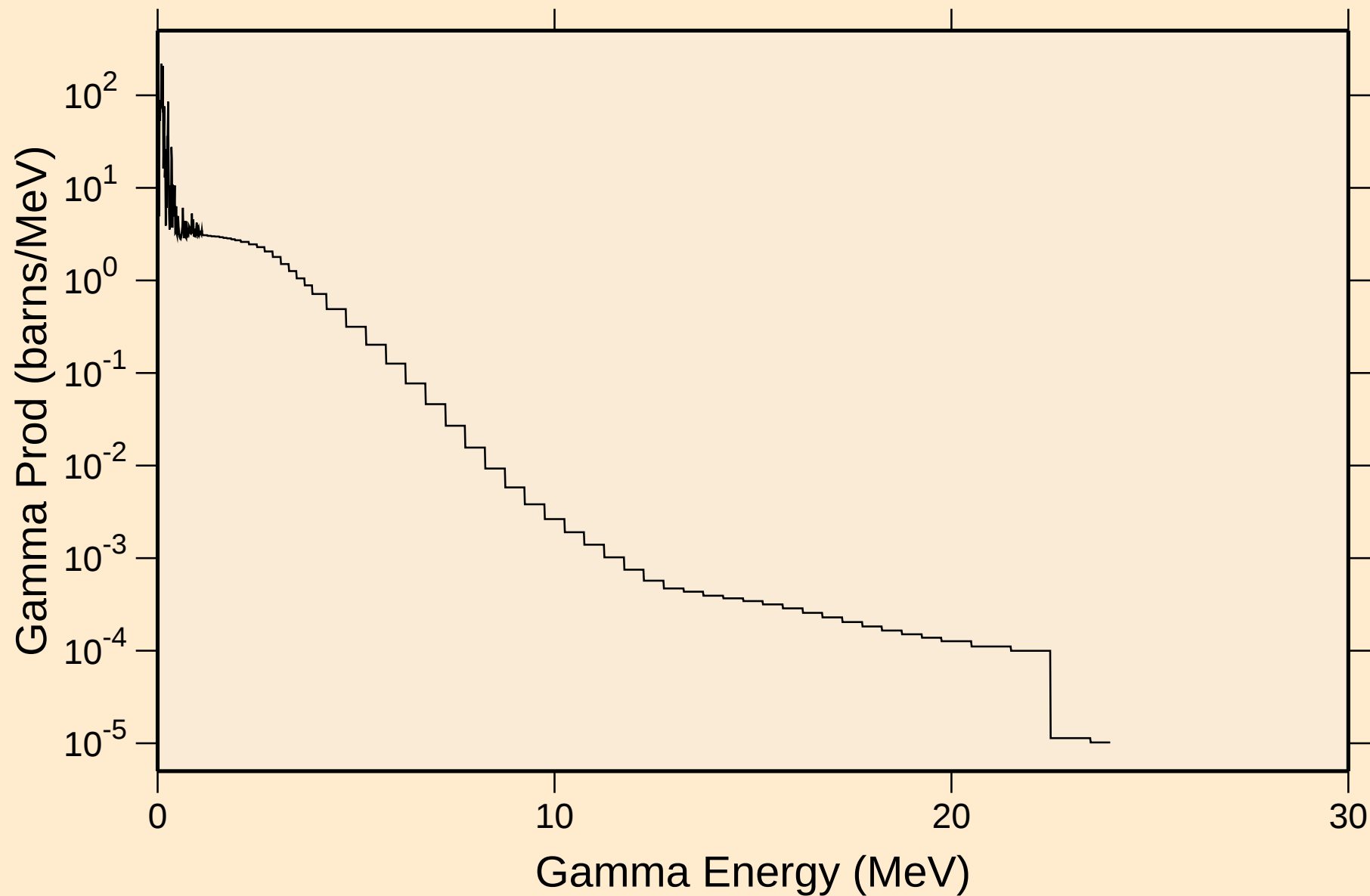
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



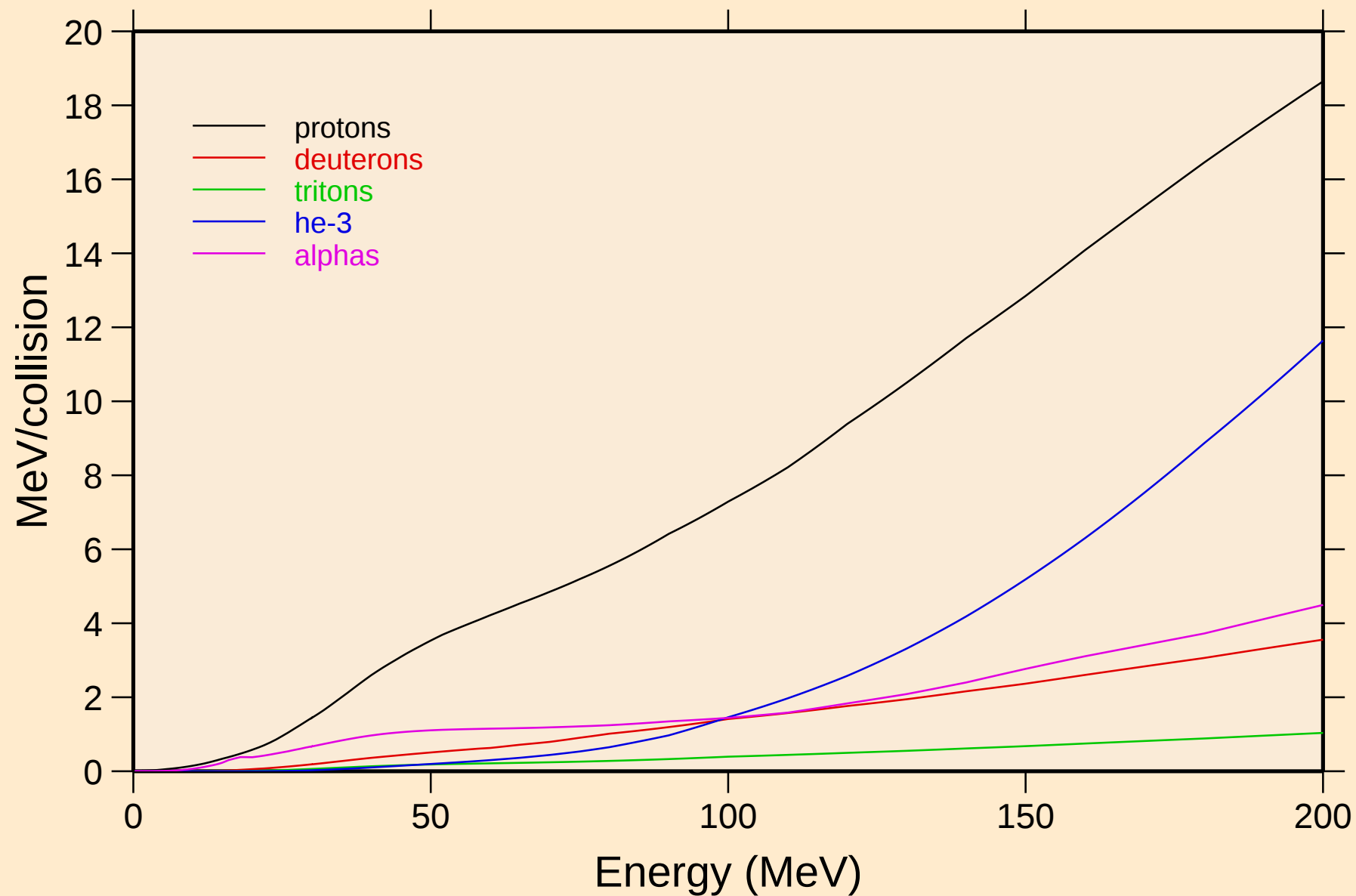
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum



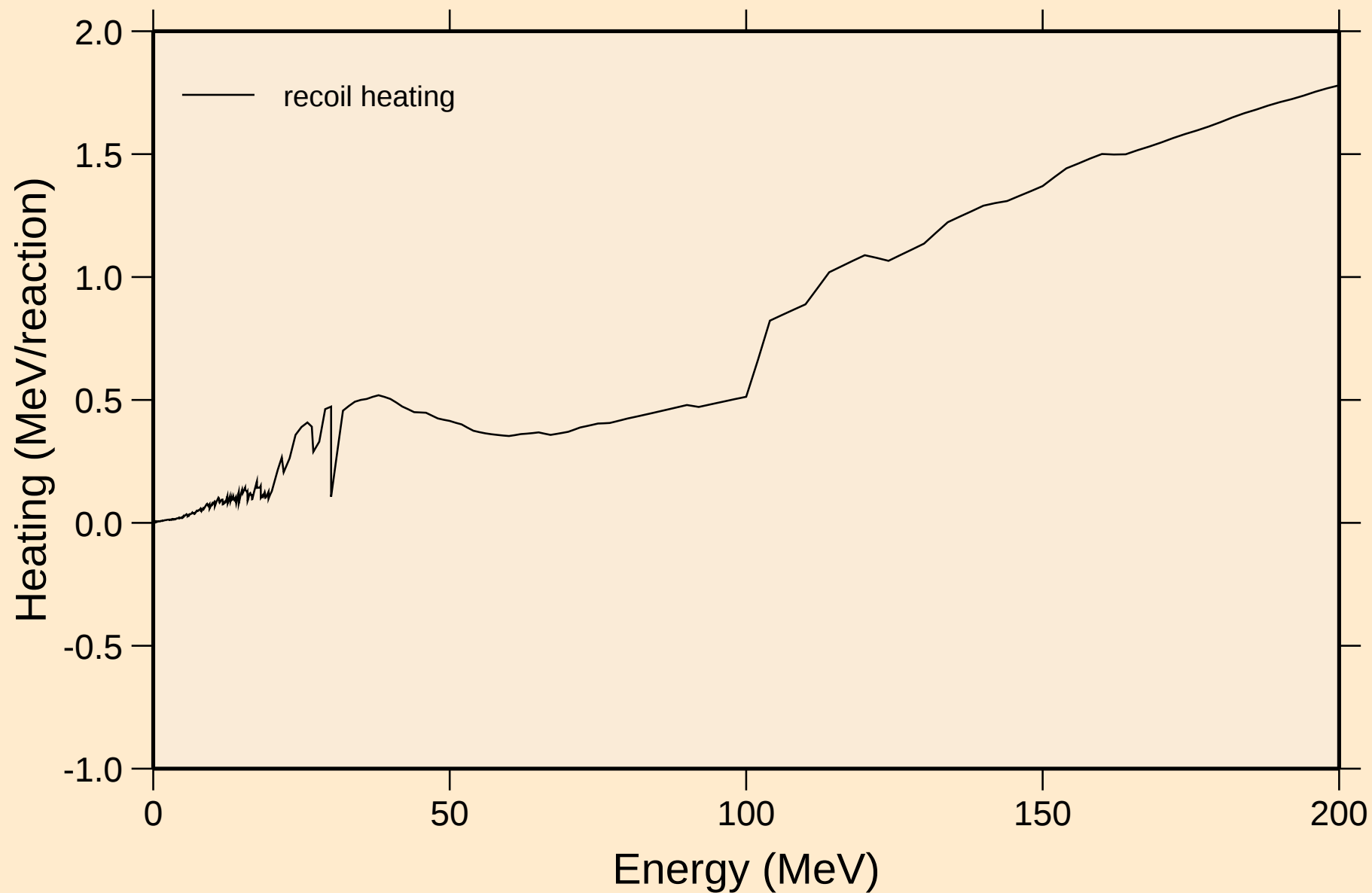
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum



PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

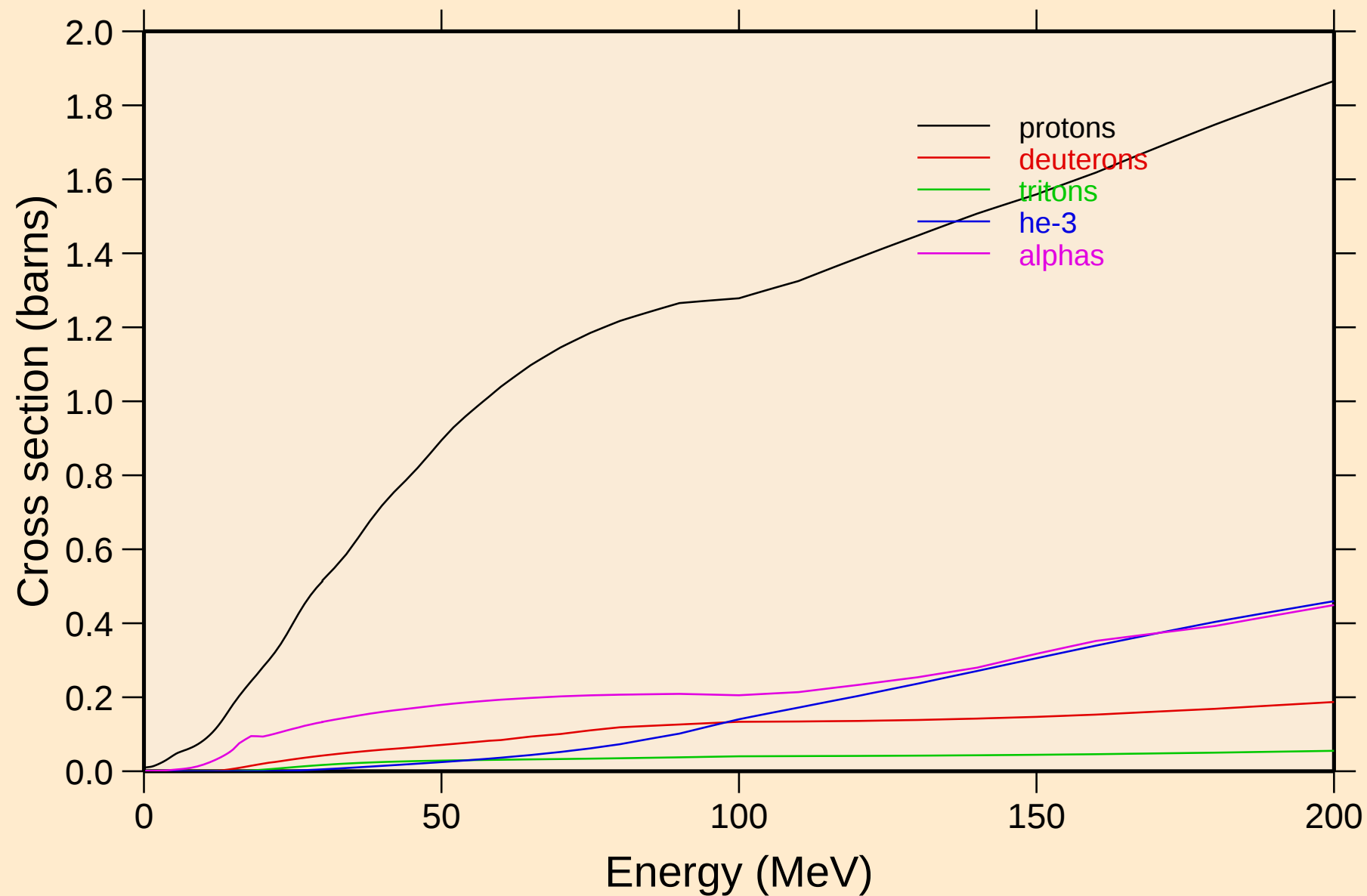


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

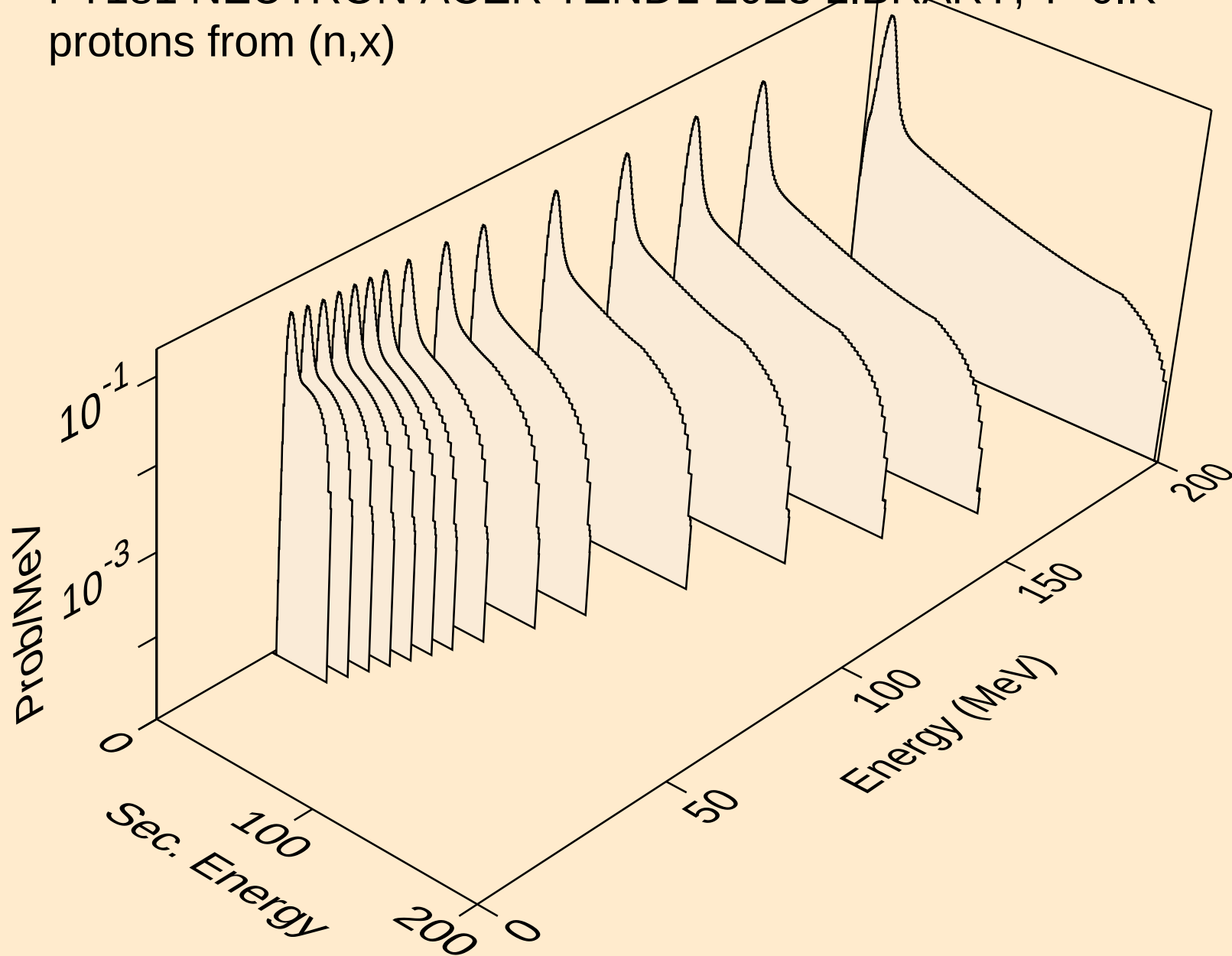


PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

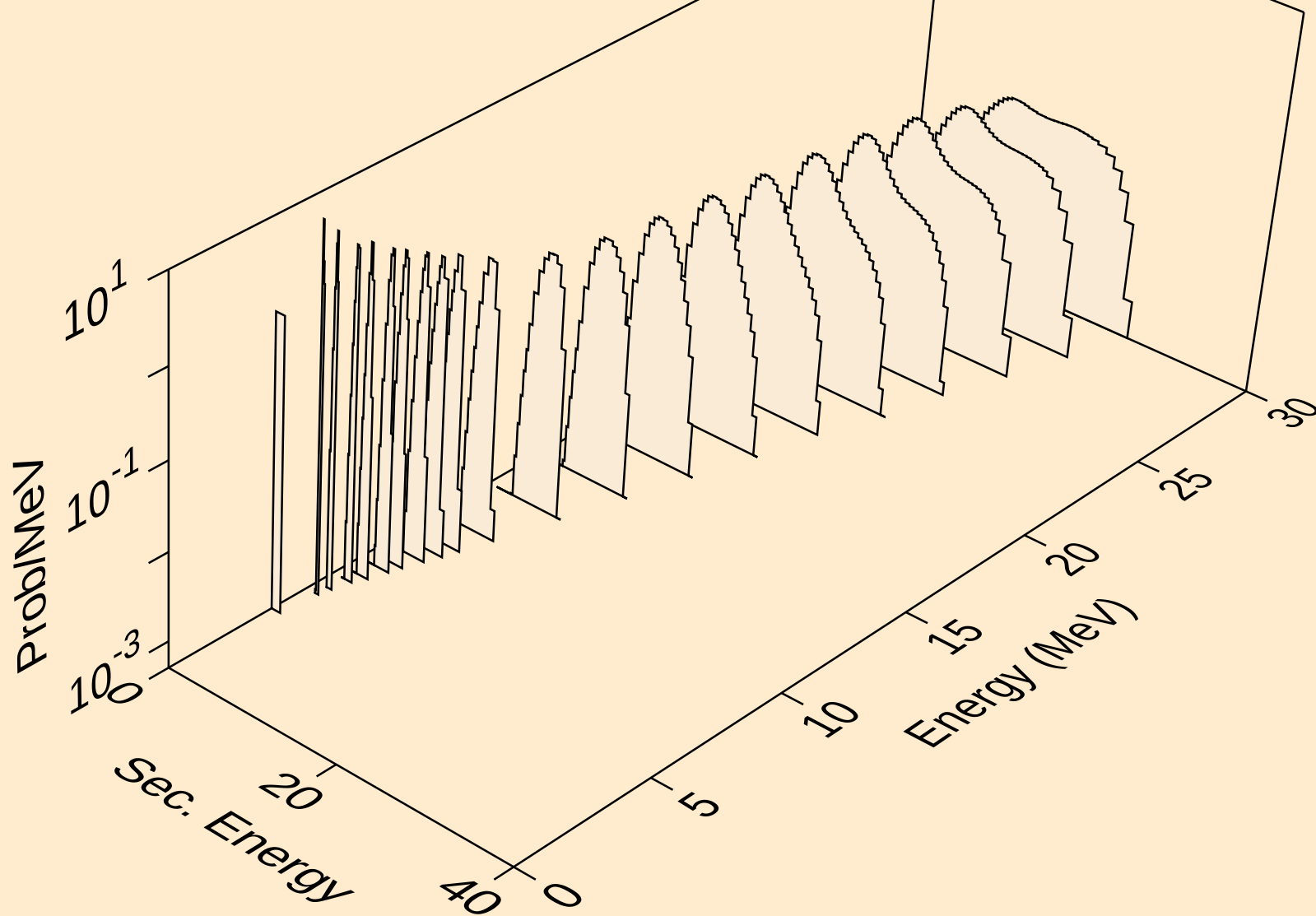
Particle production cross sections



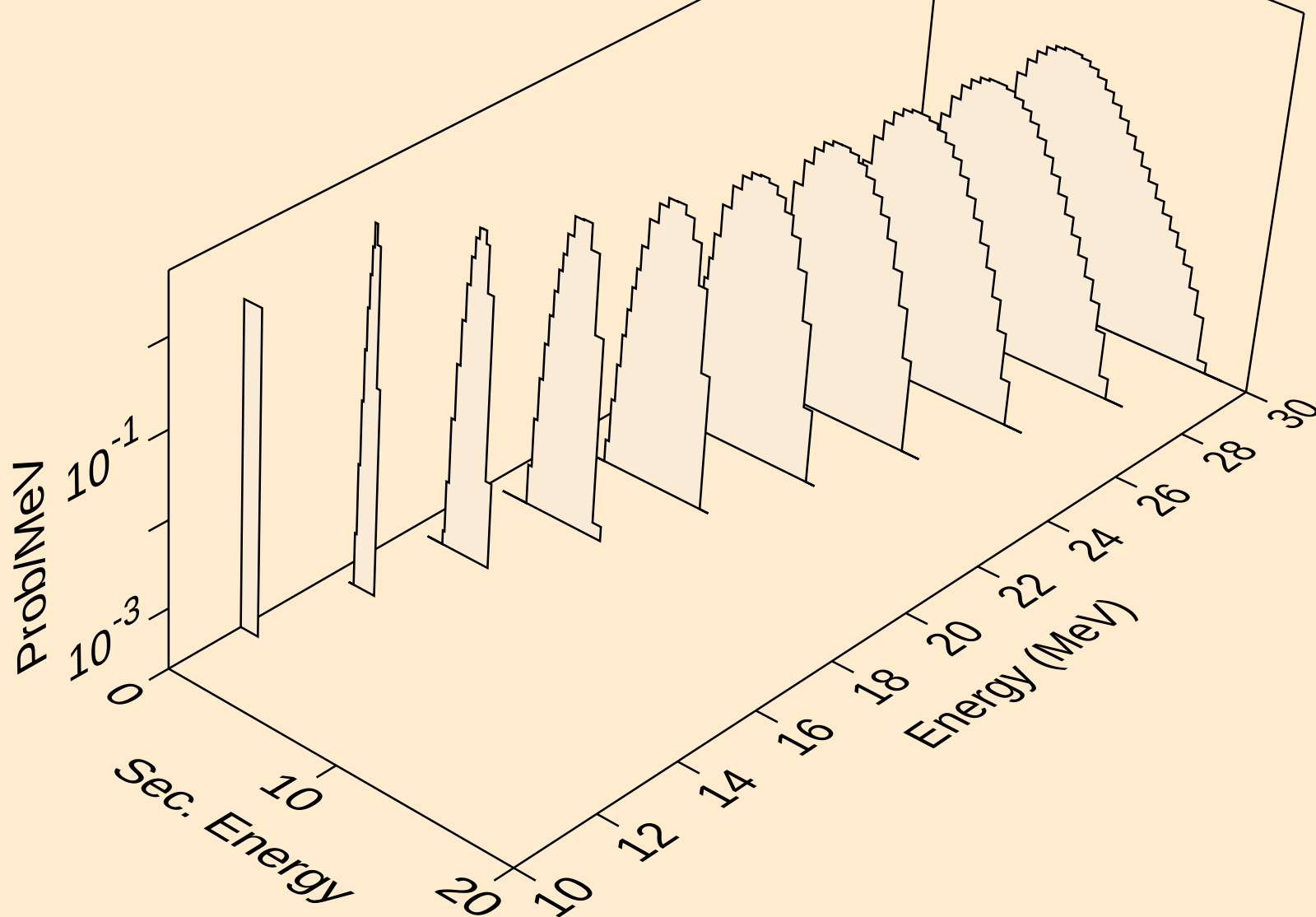
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



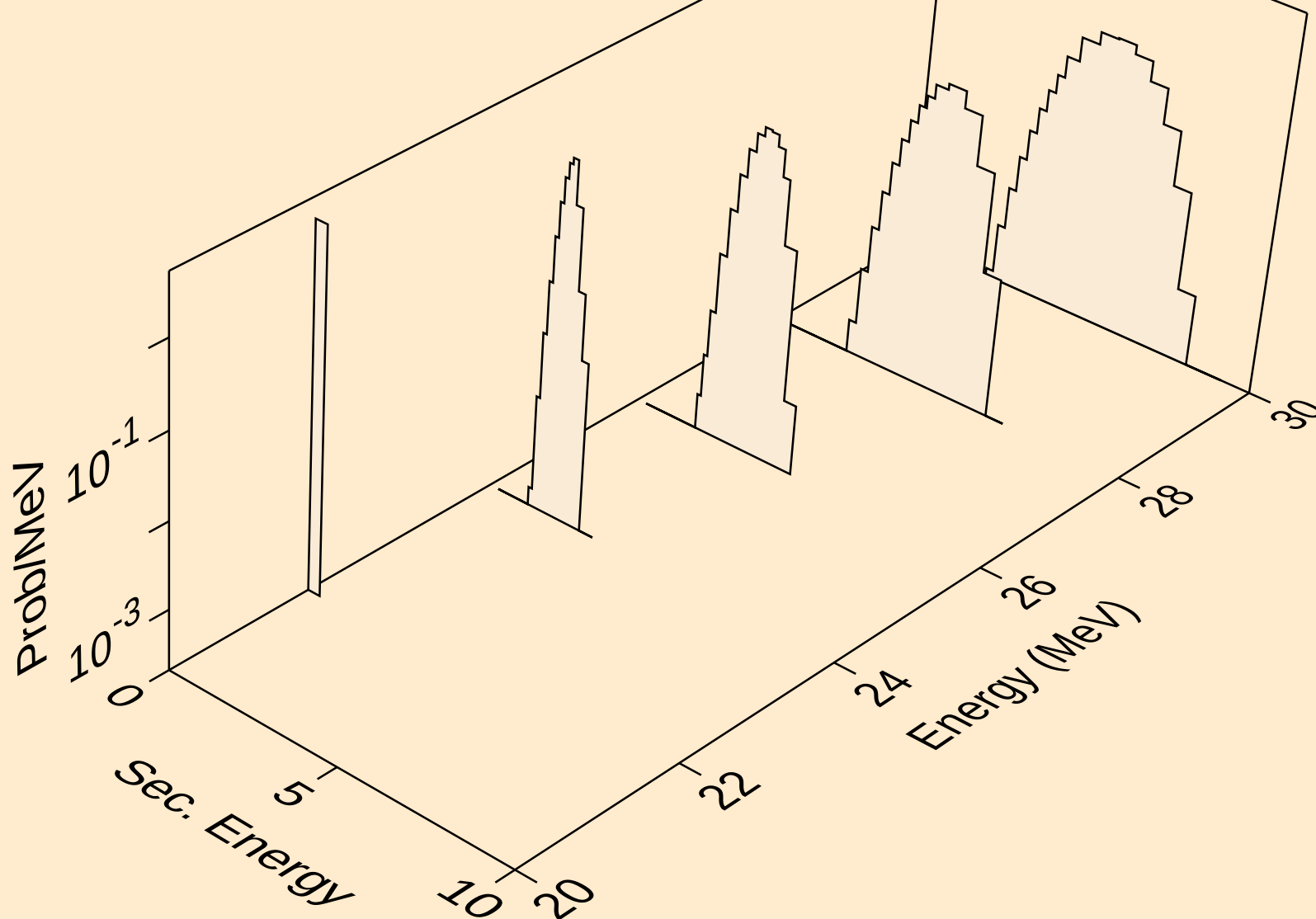
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



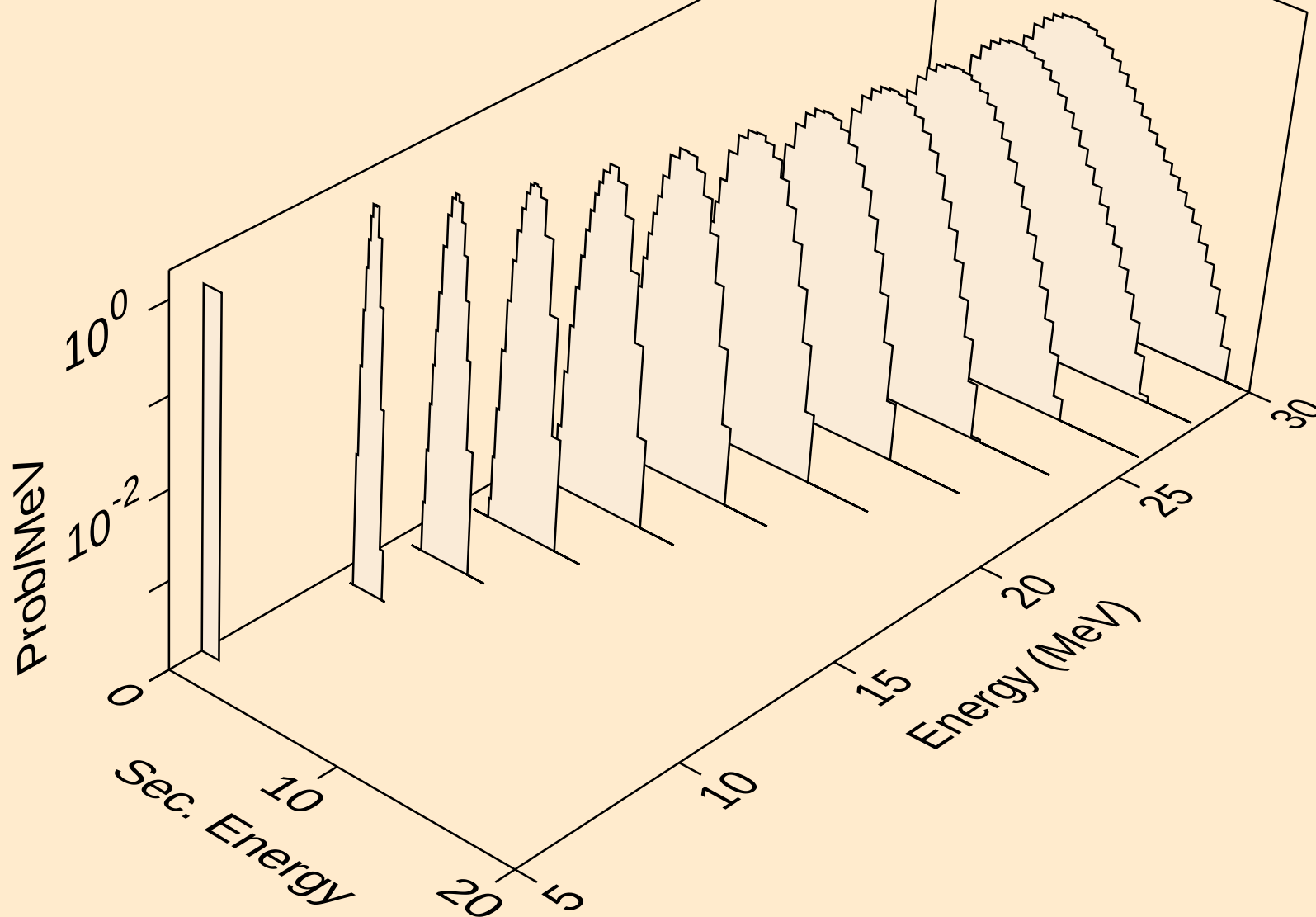
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



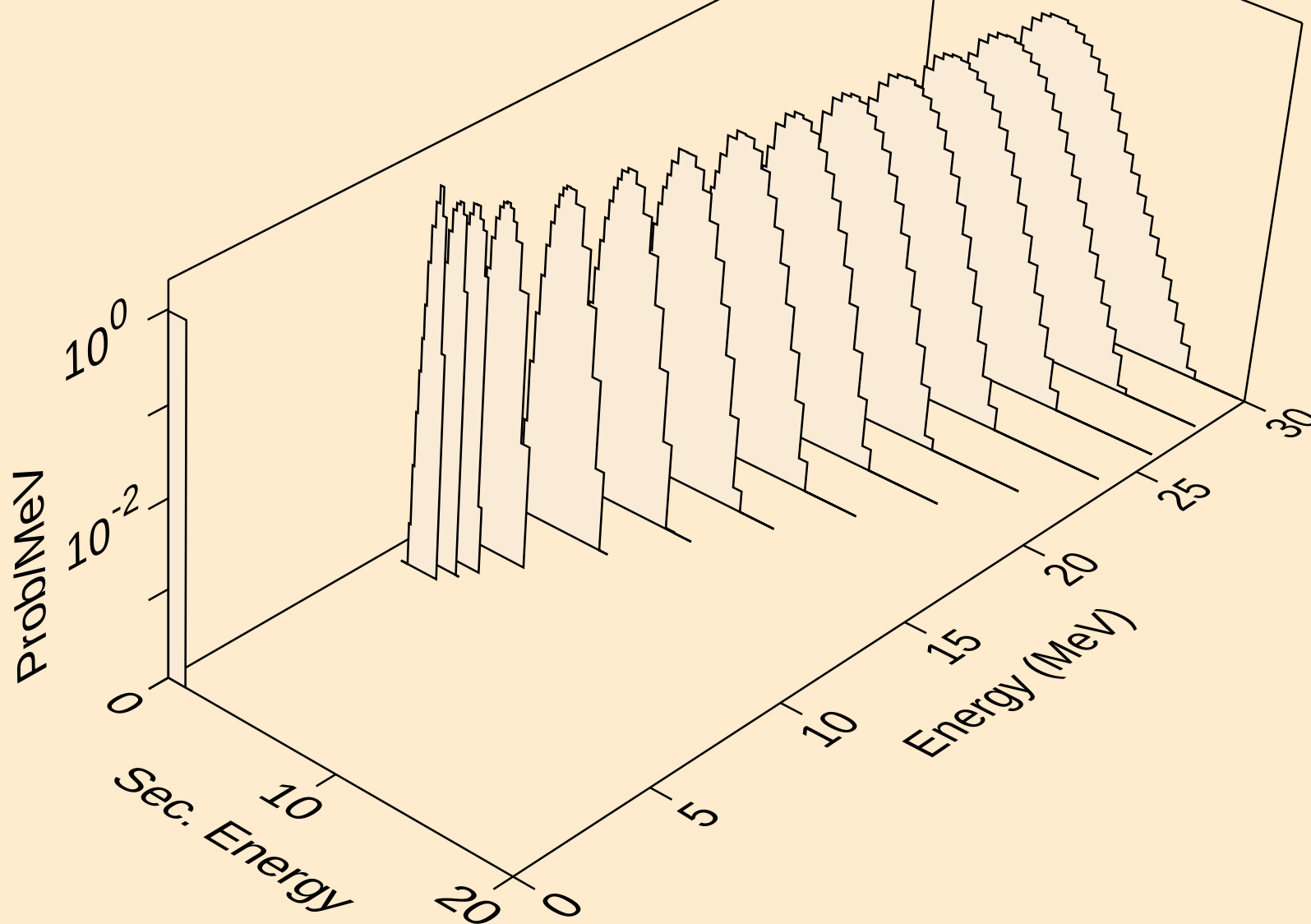
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,3np)



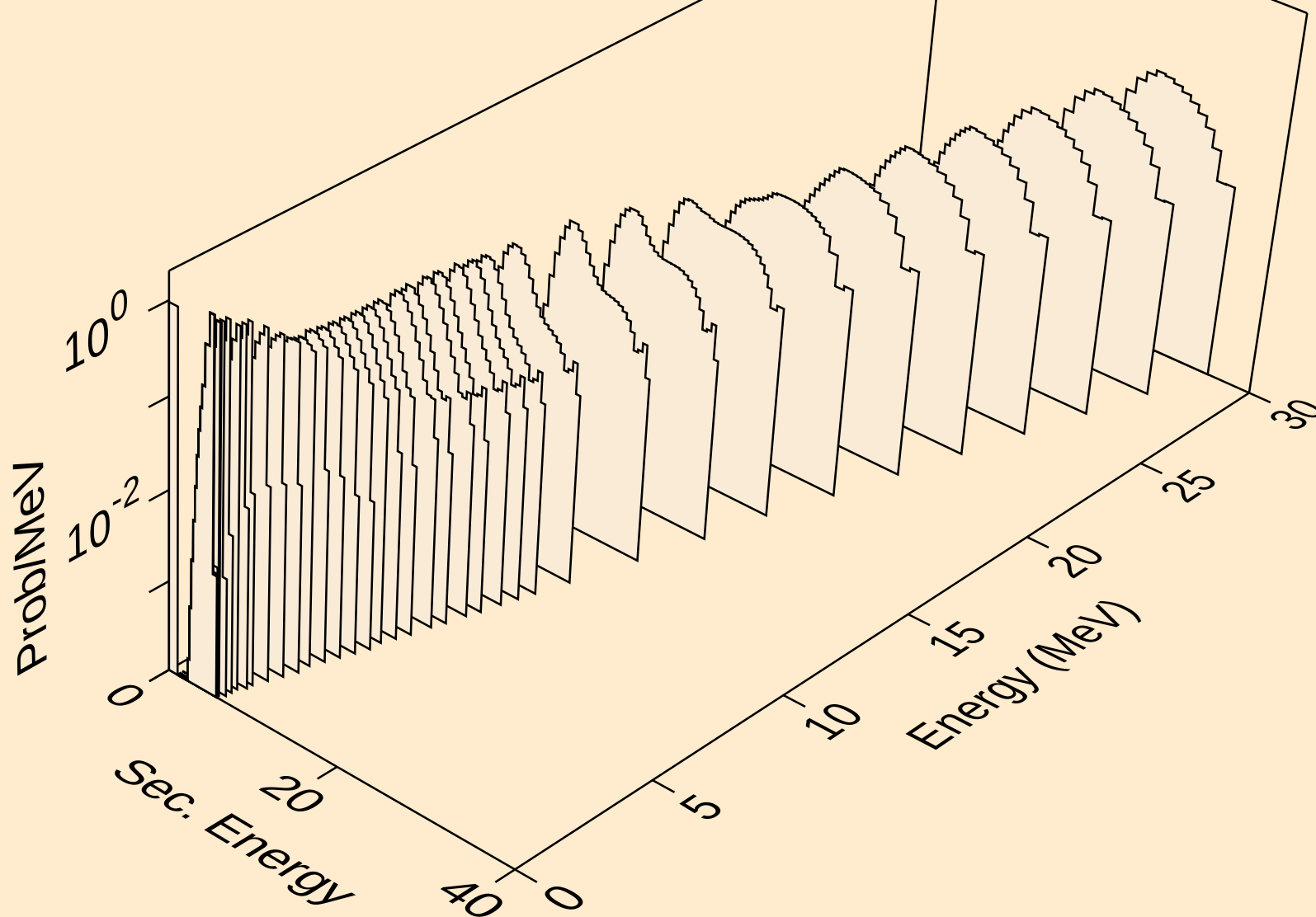
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



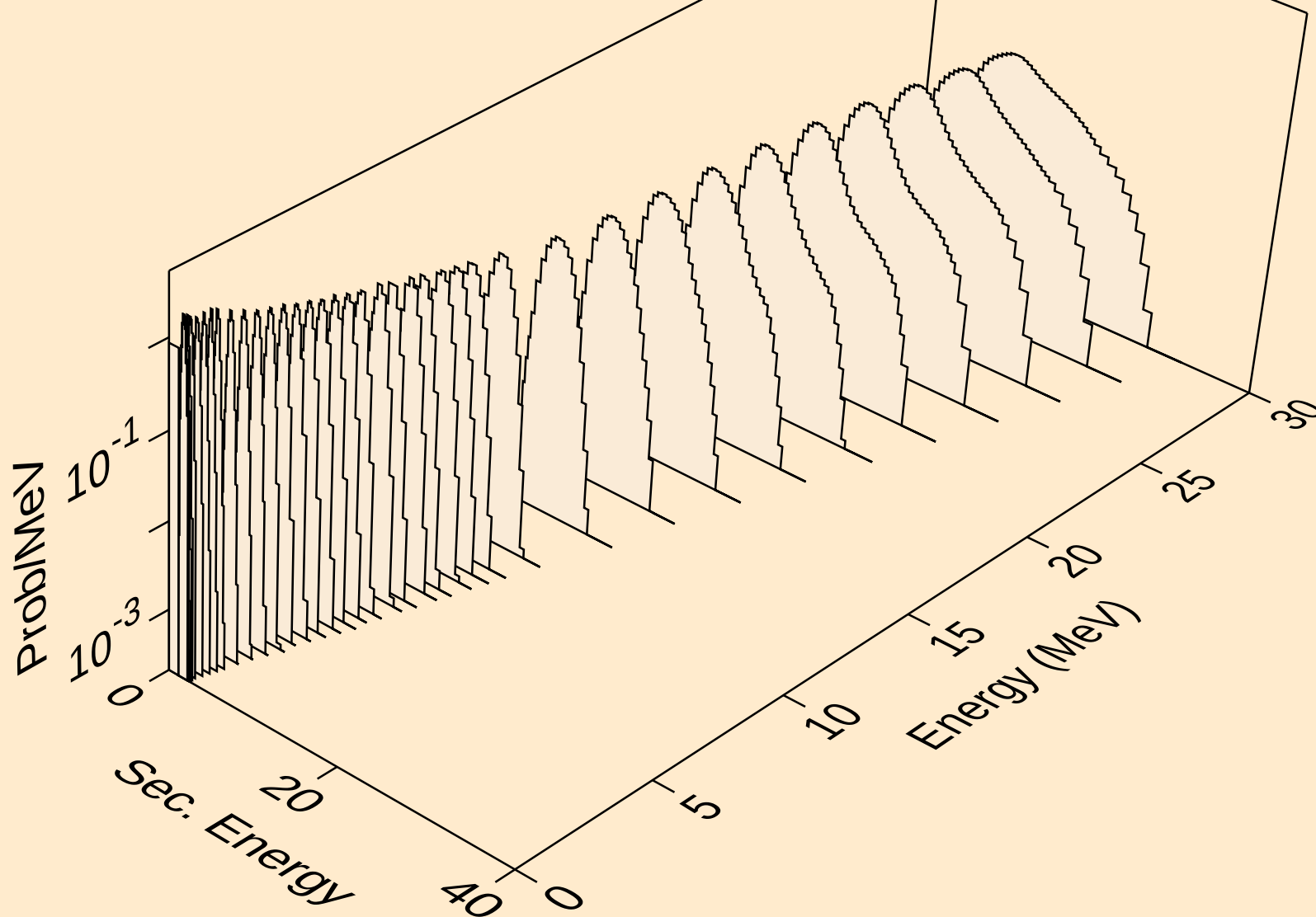
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,npa)



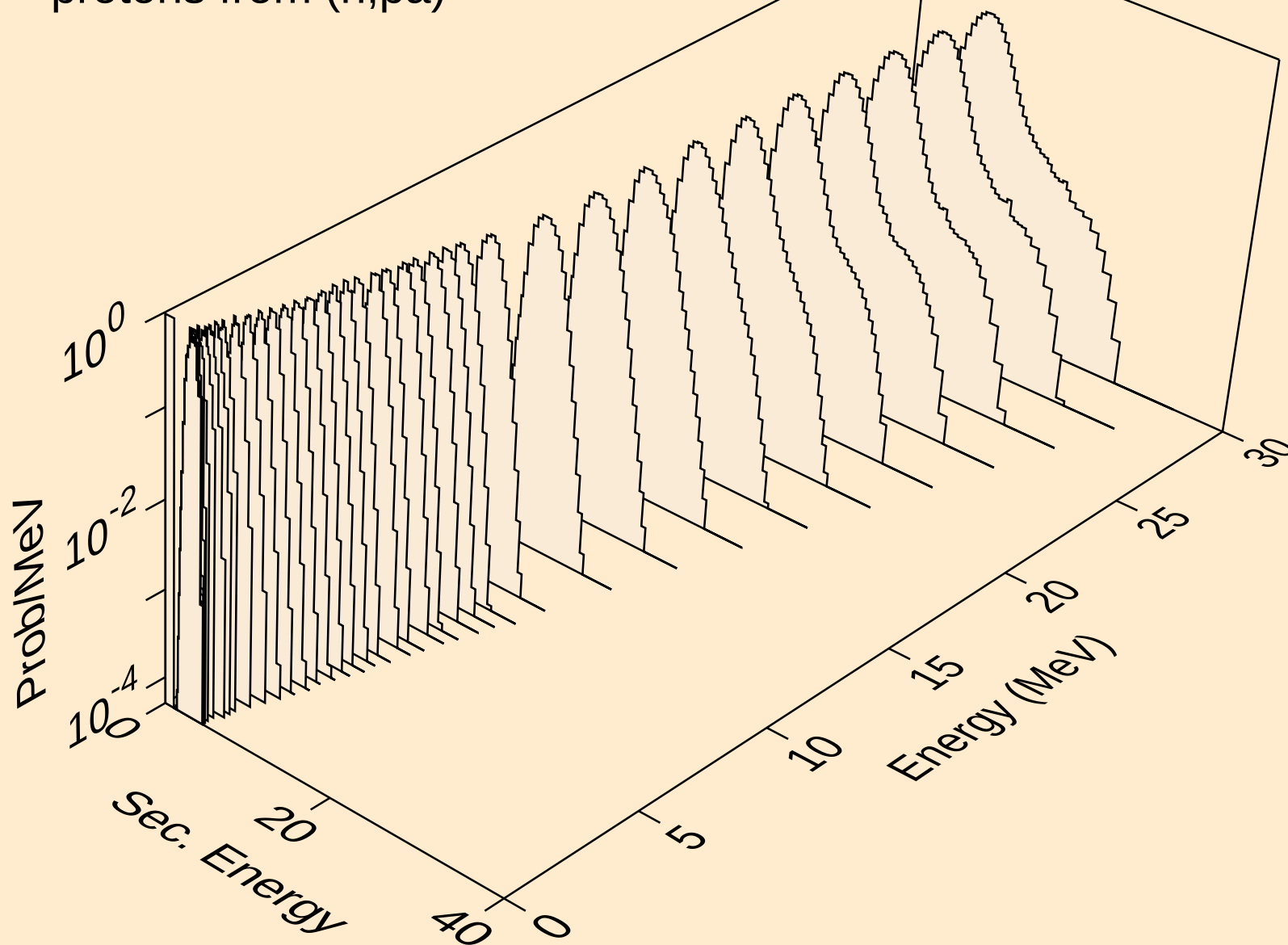
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



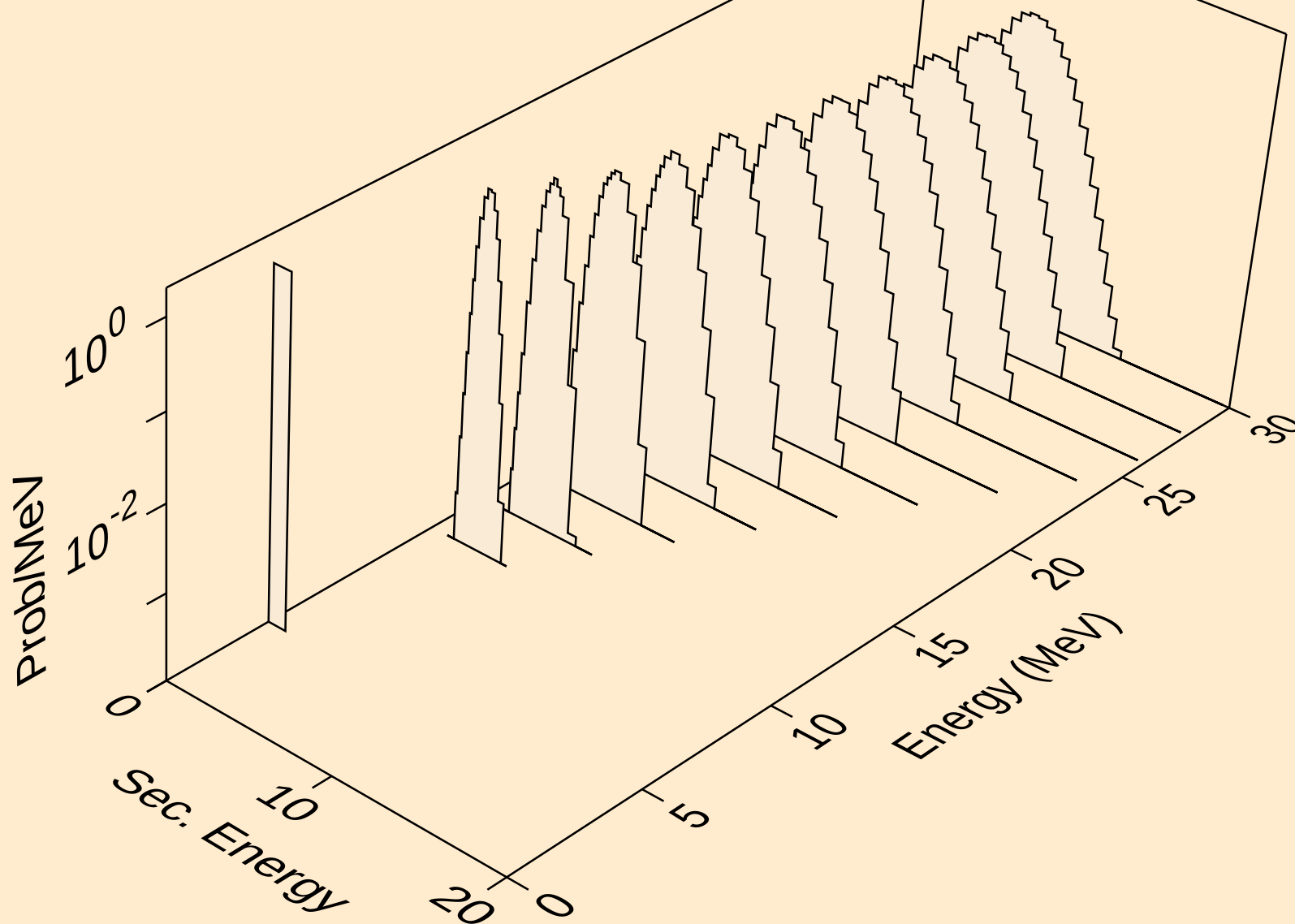
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2p)



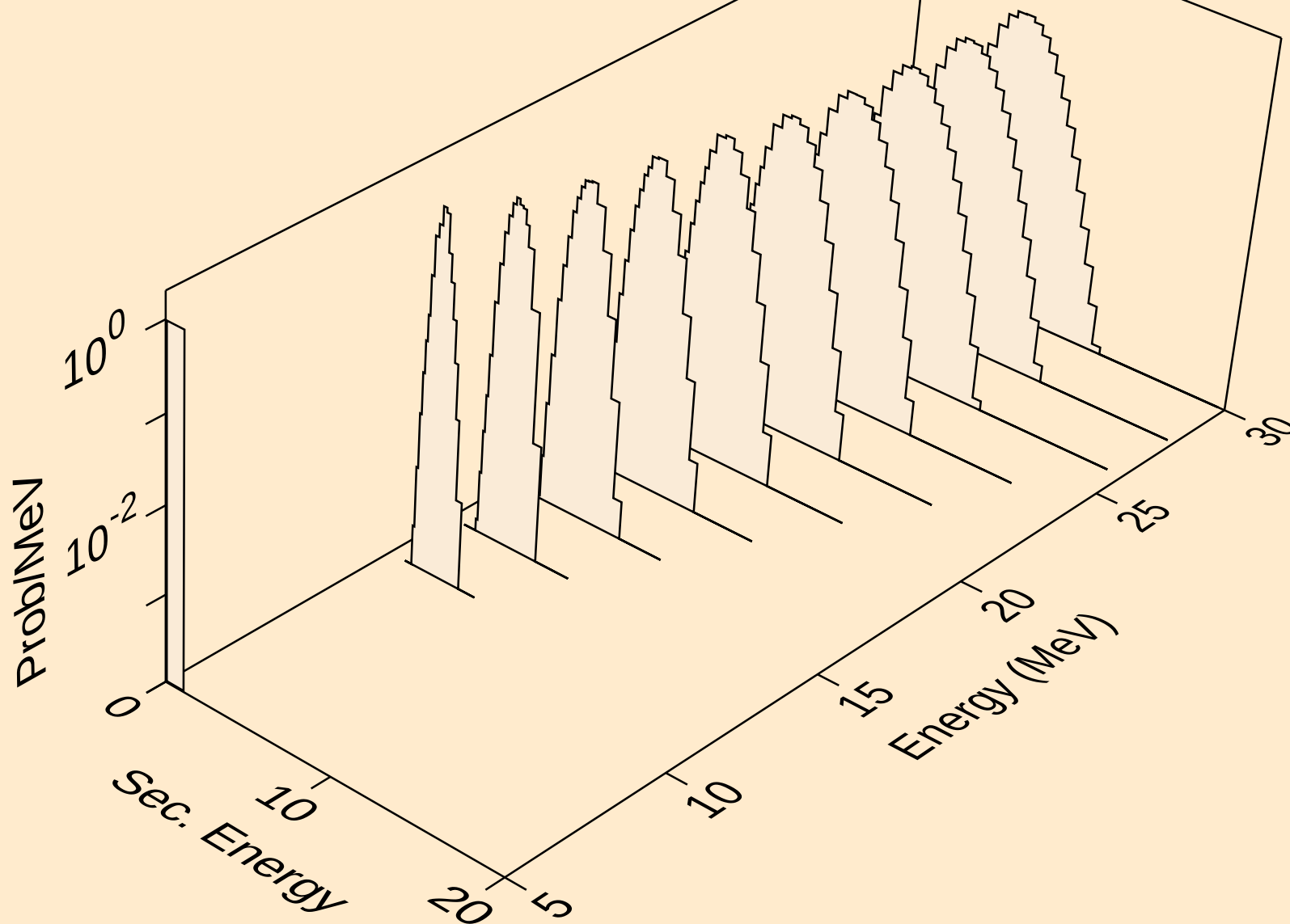
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



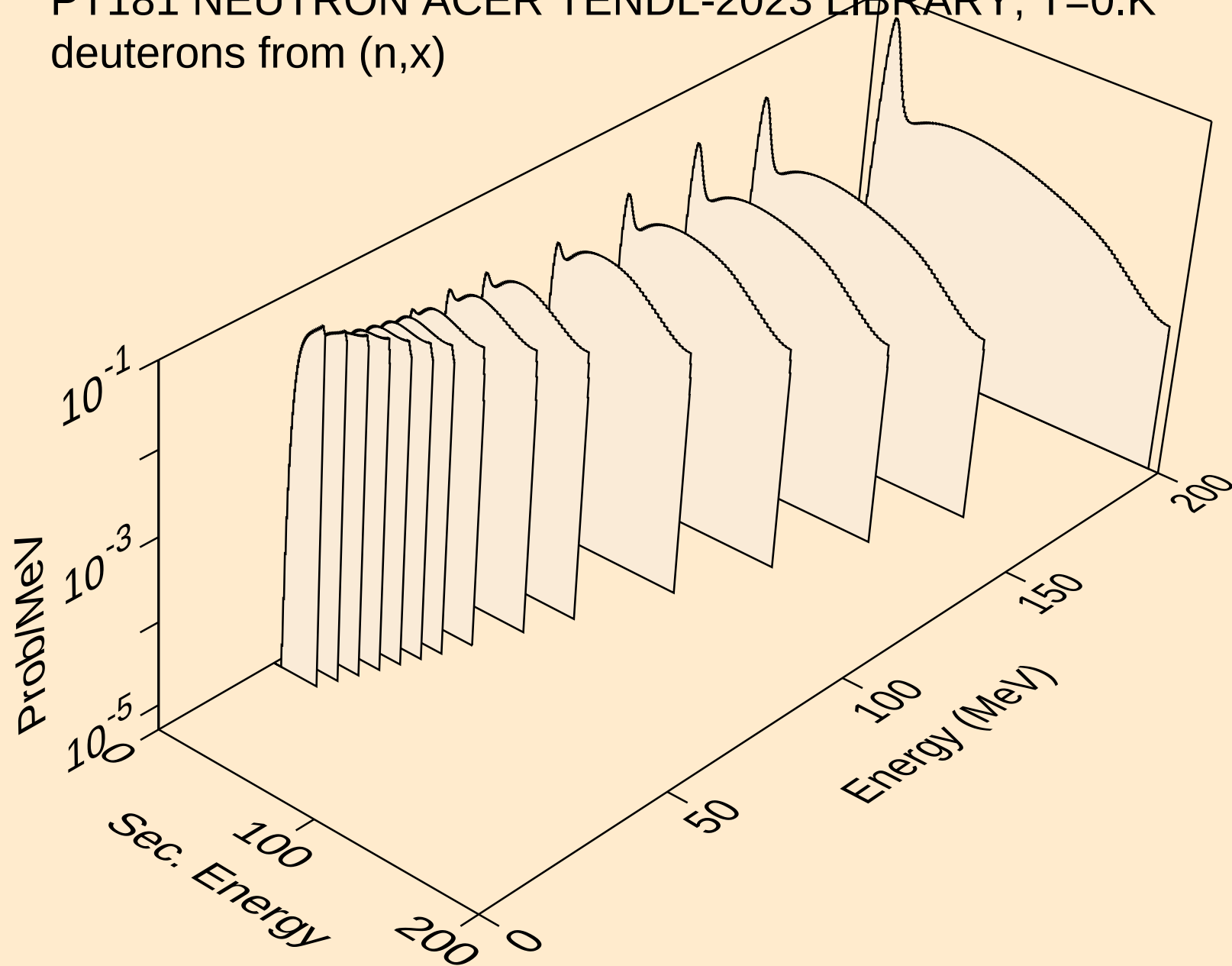
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



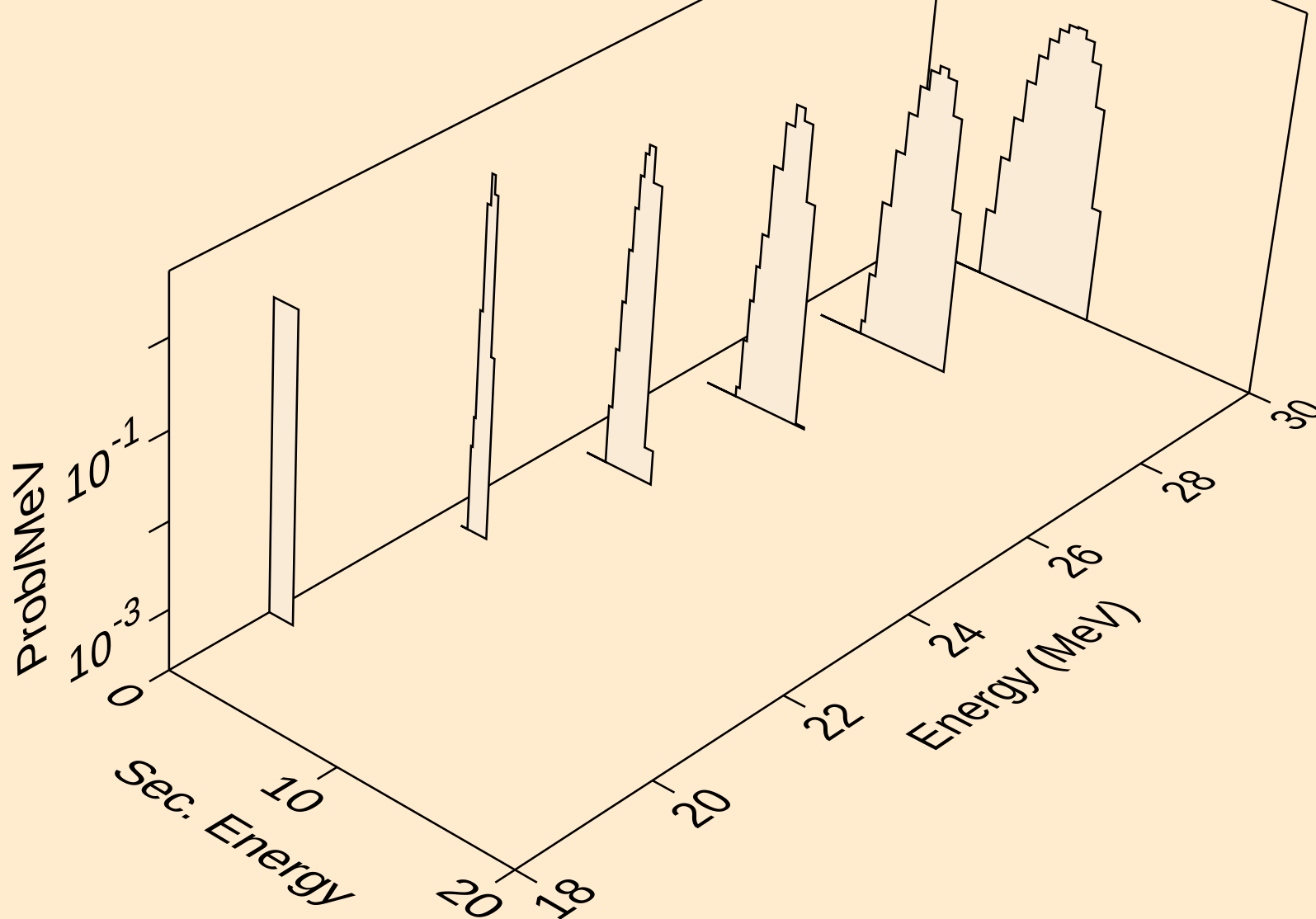
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pt)



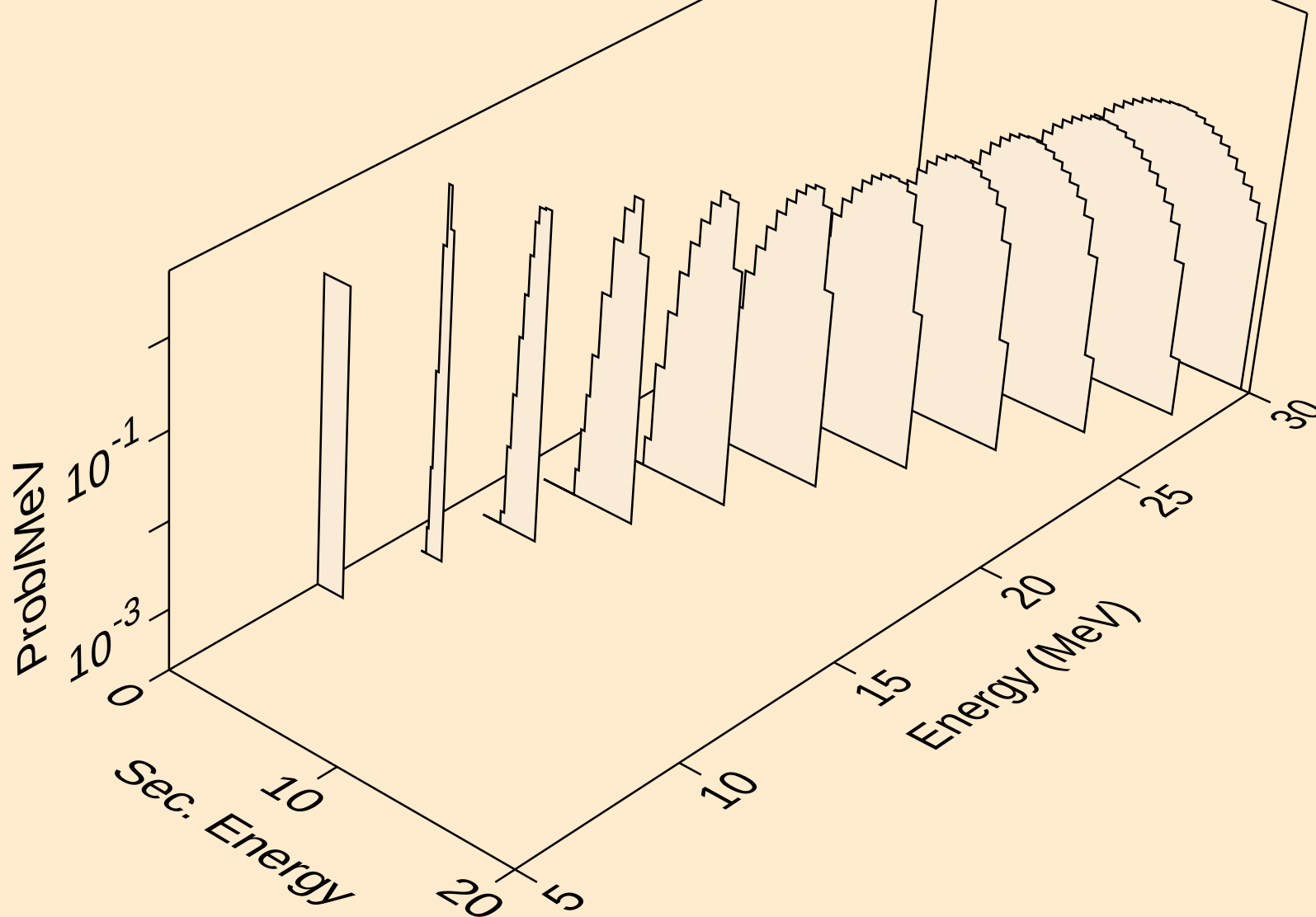
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



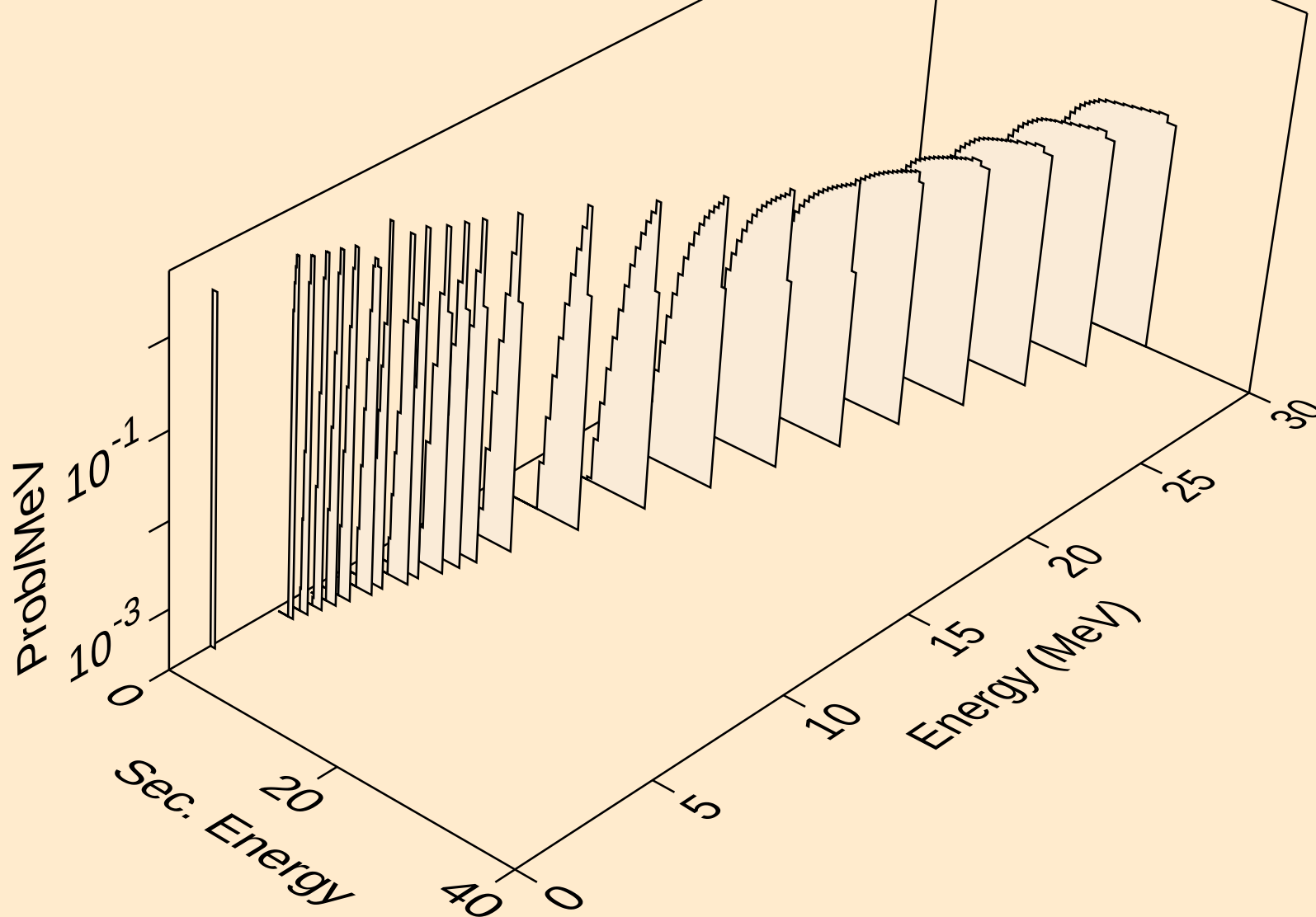
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,2nd)



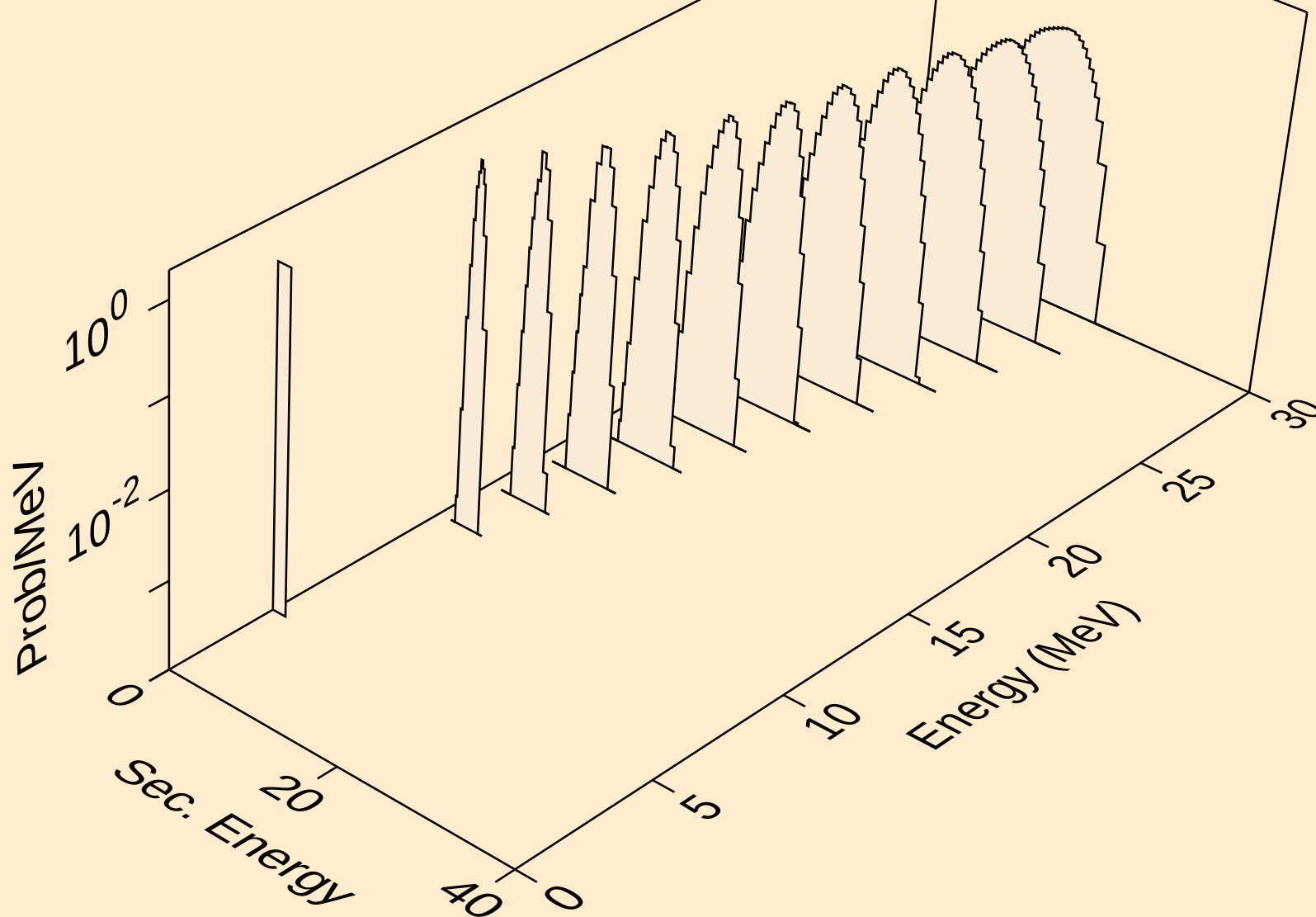
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



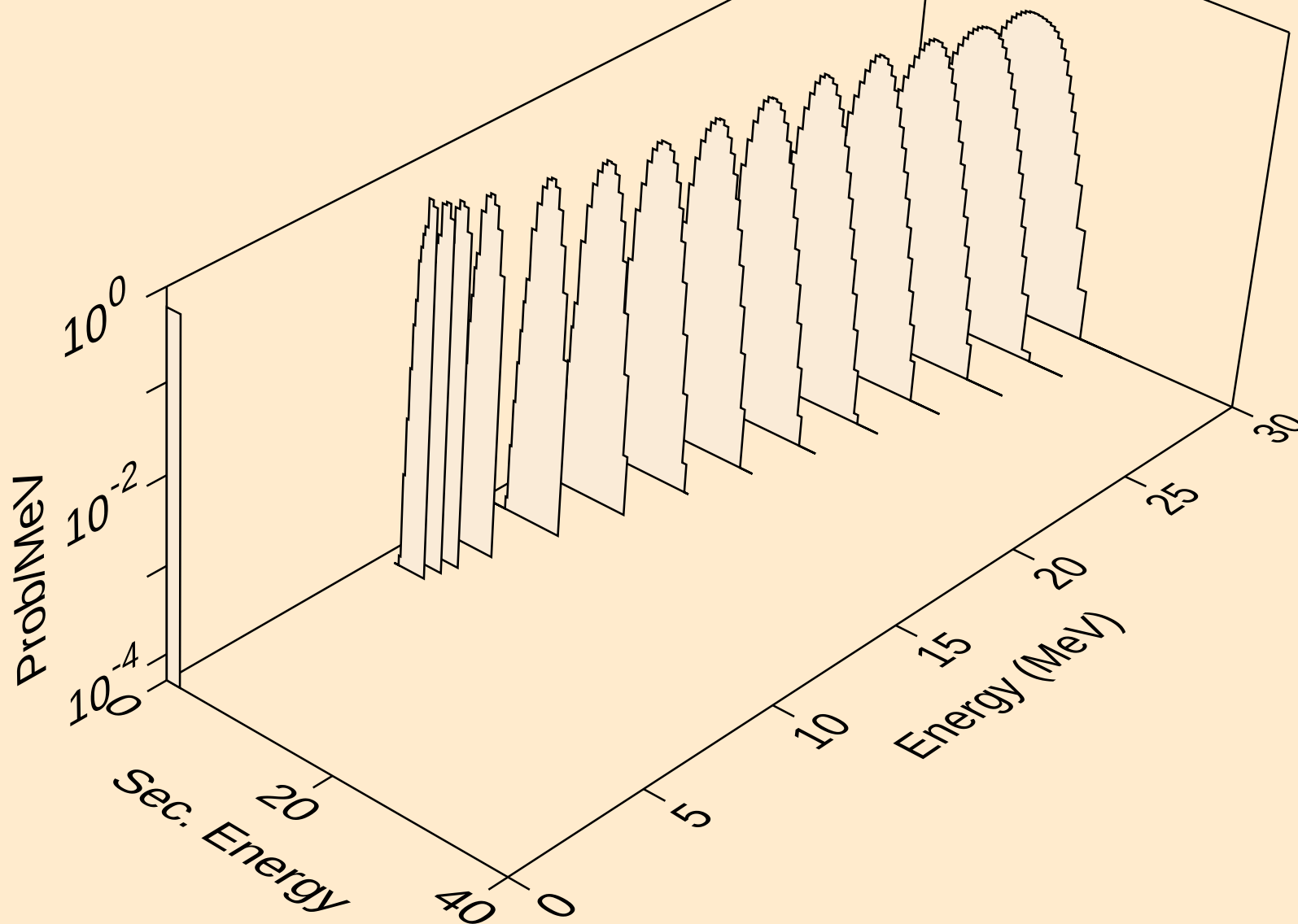
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d)



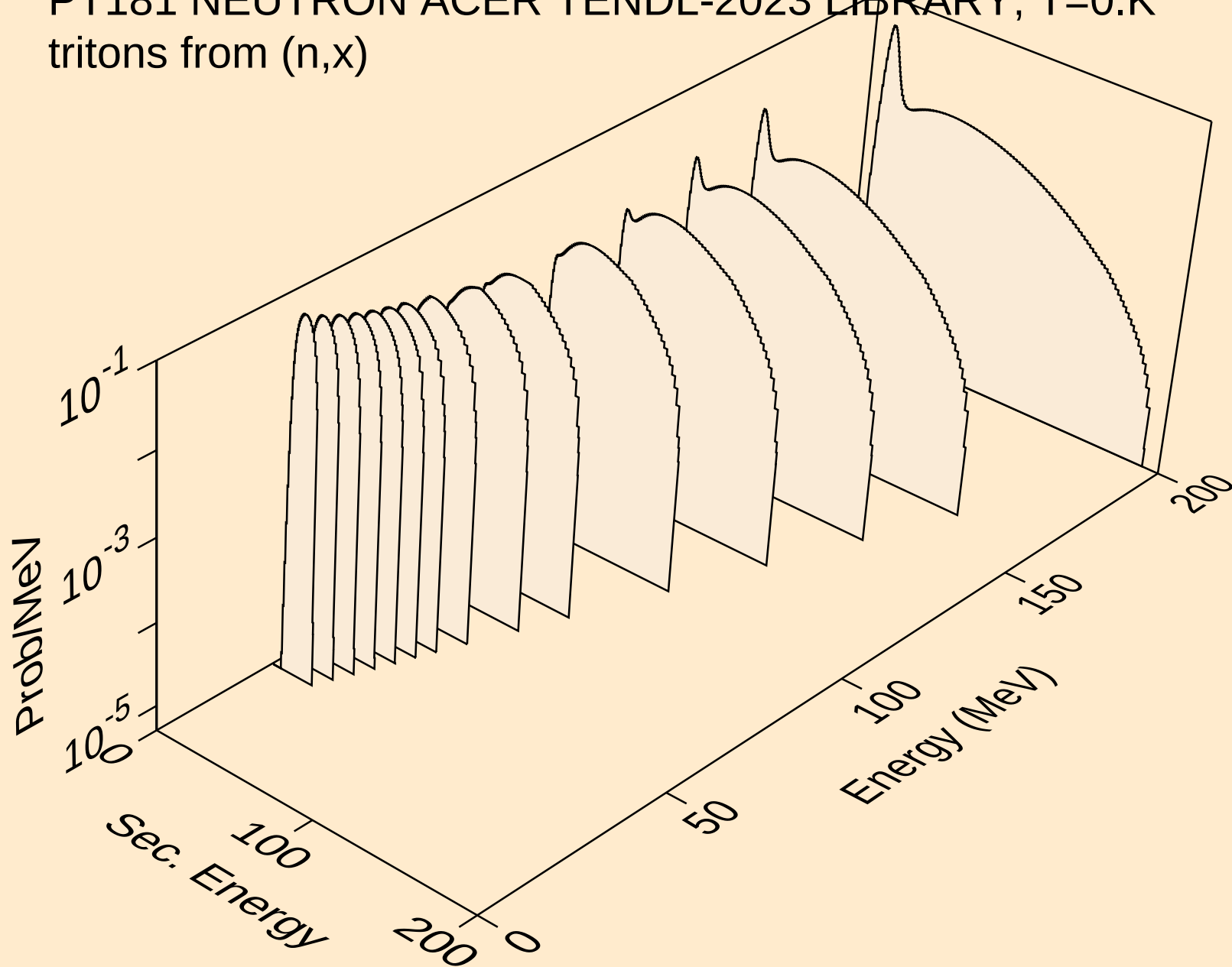
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



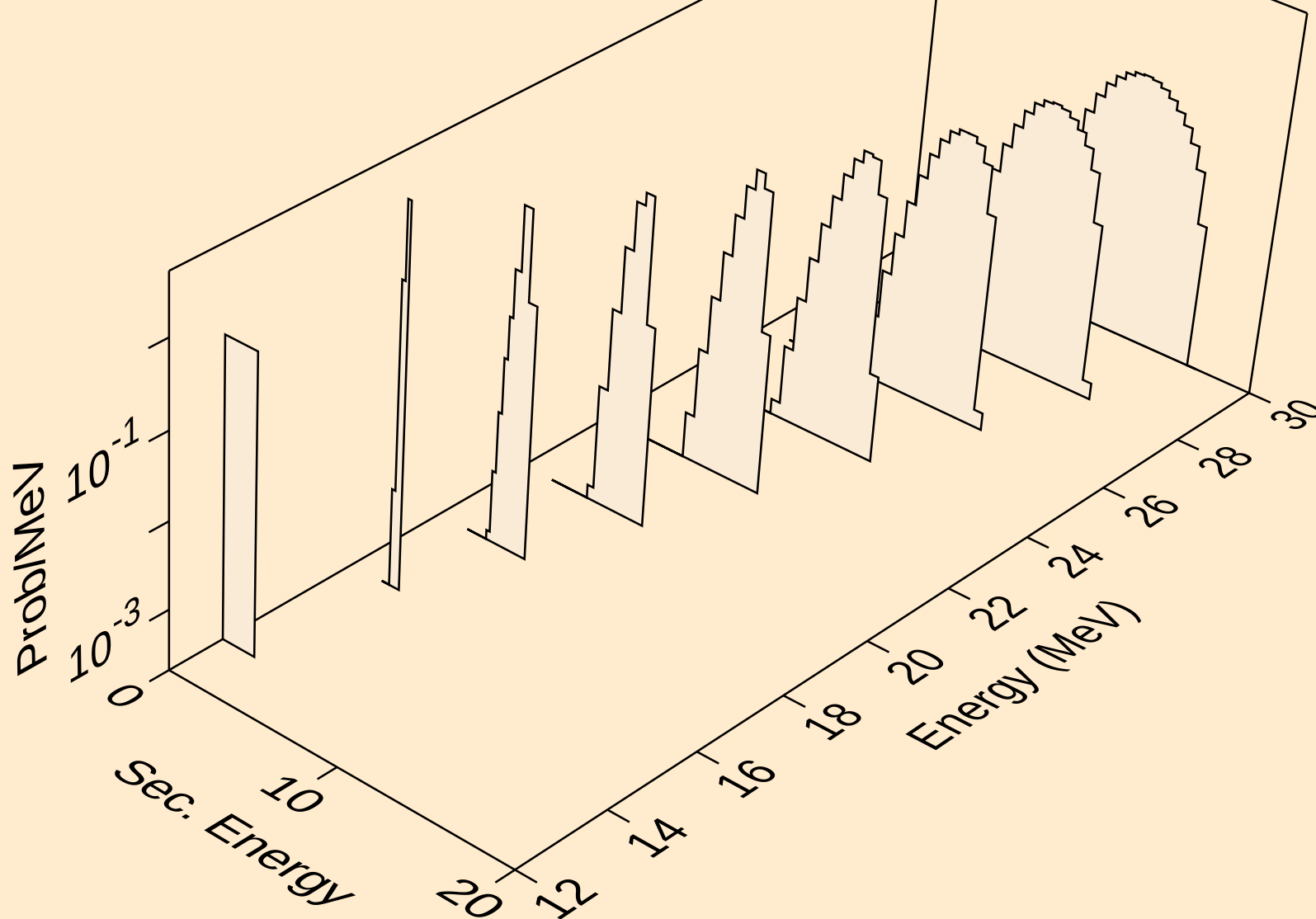
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,da)



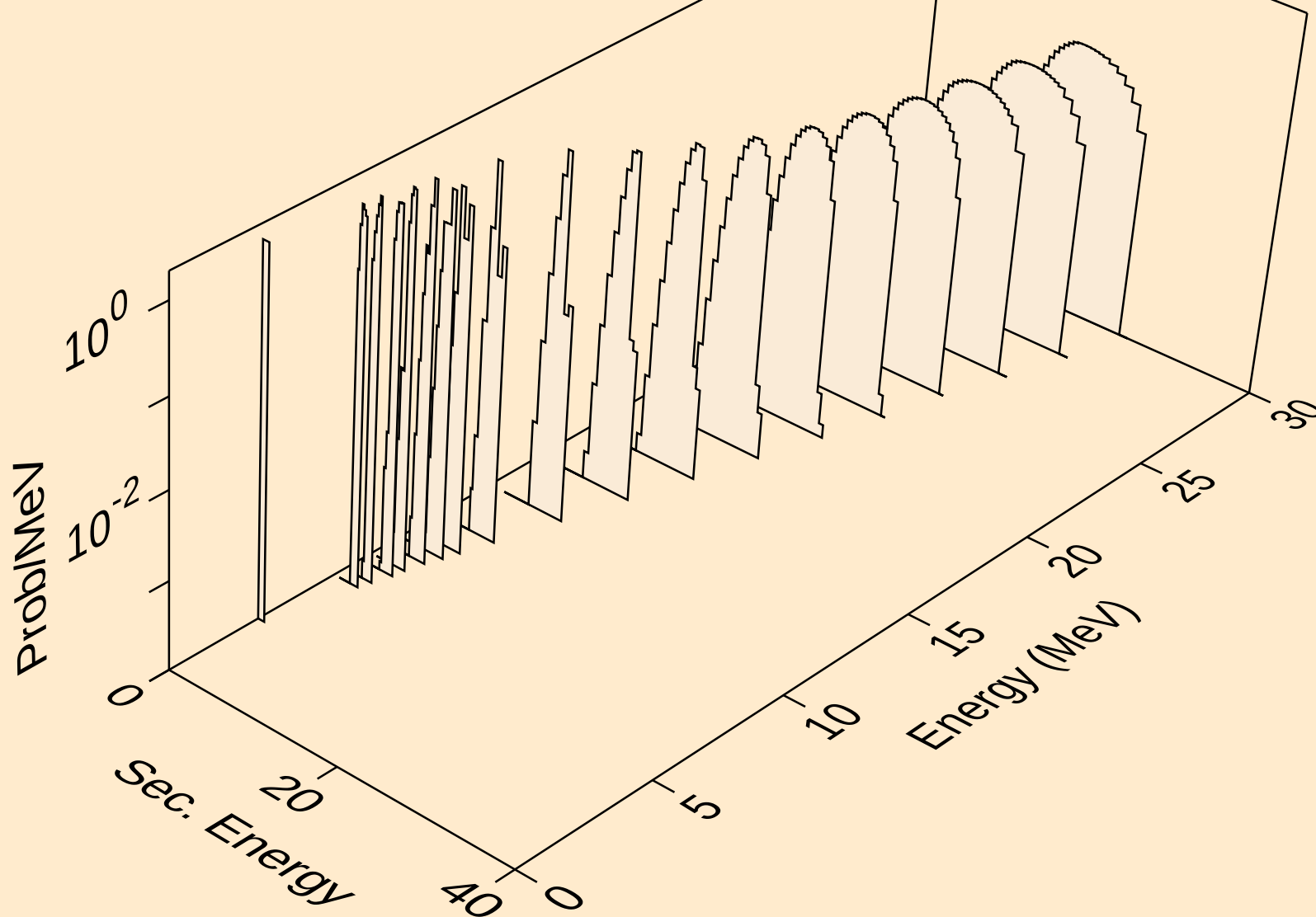
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



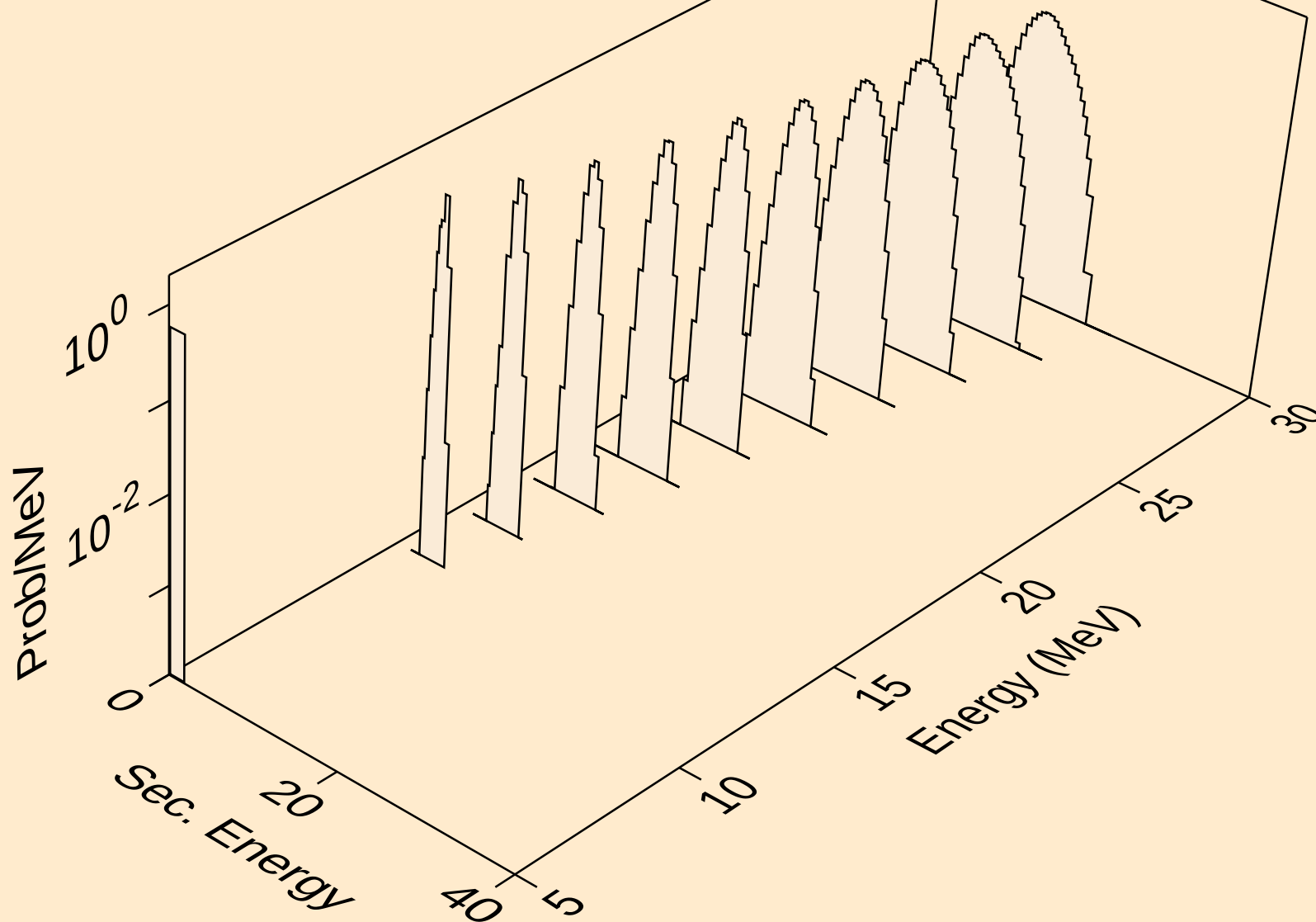
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



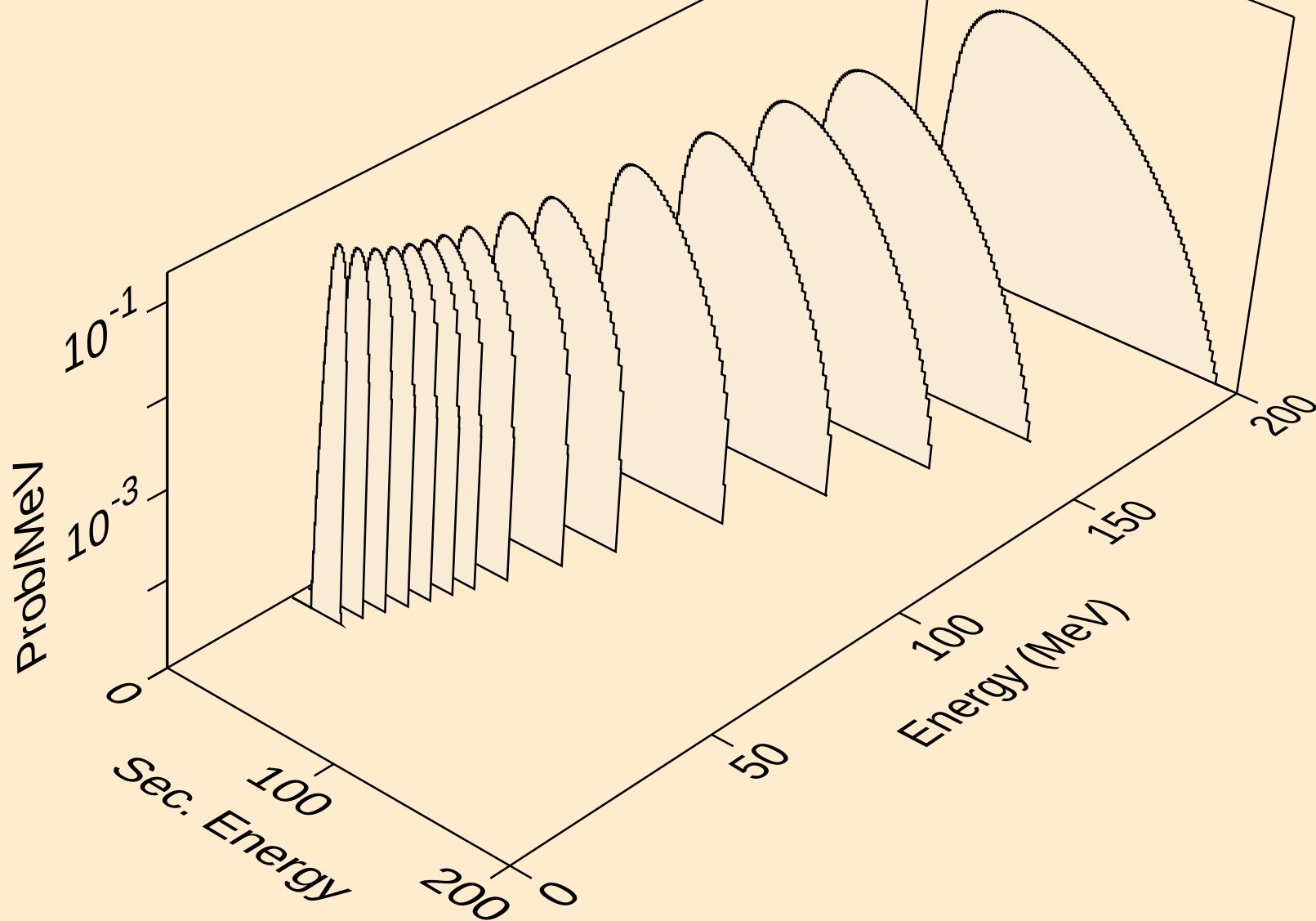
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,t)



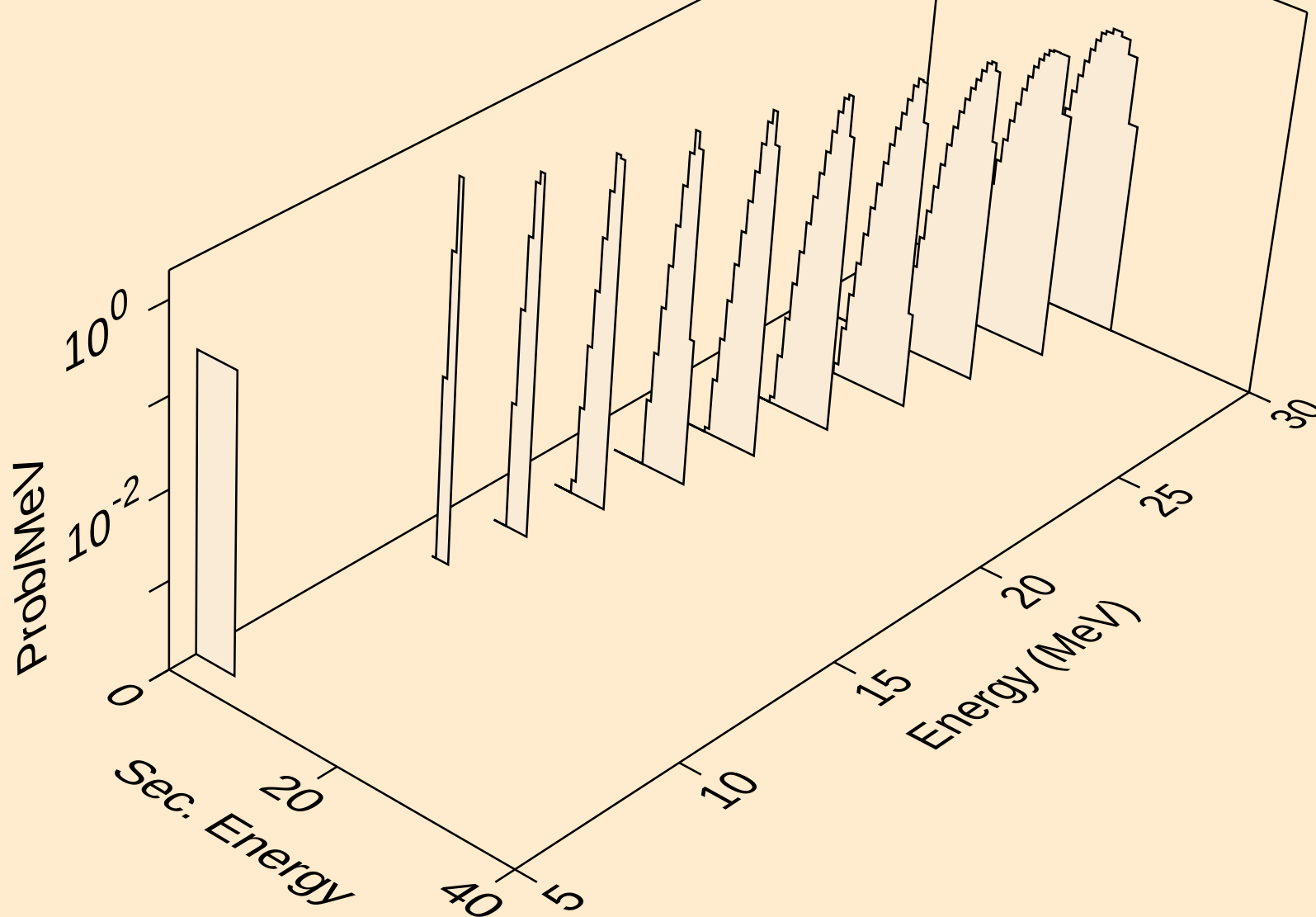
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,pt)



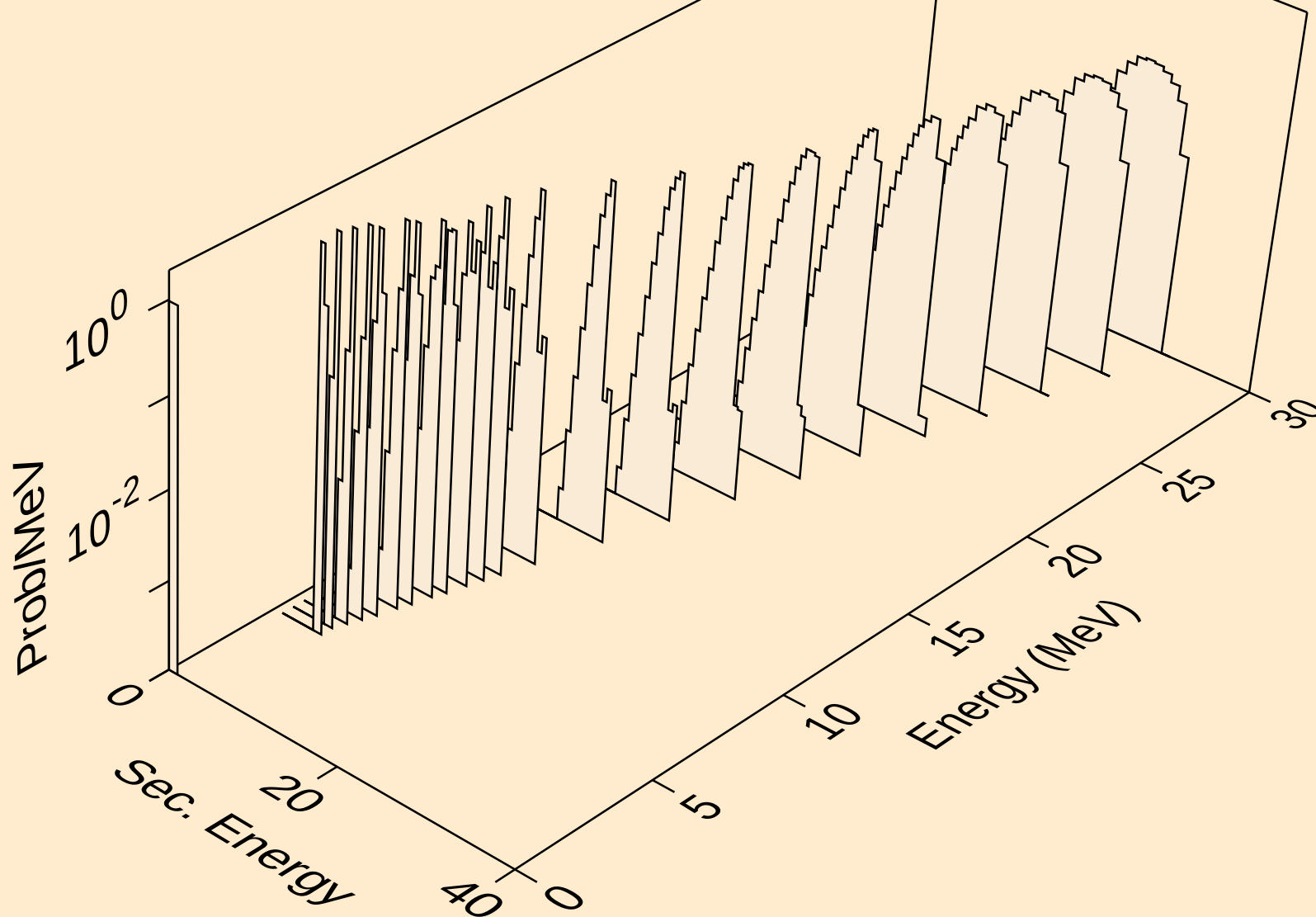
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



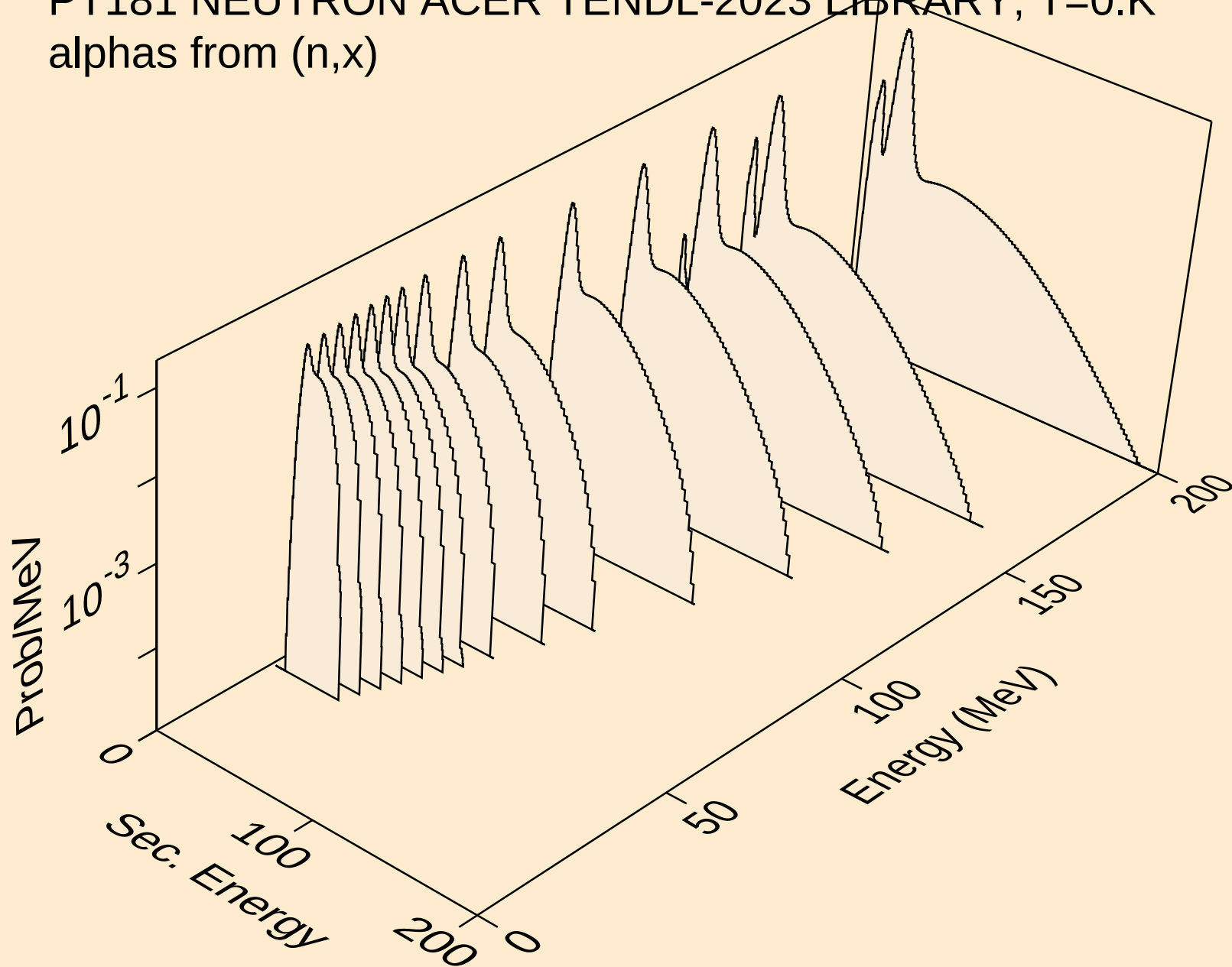
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



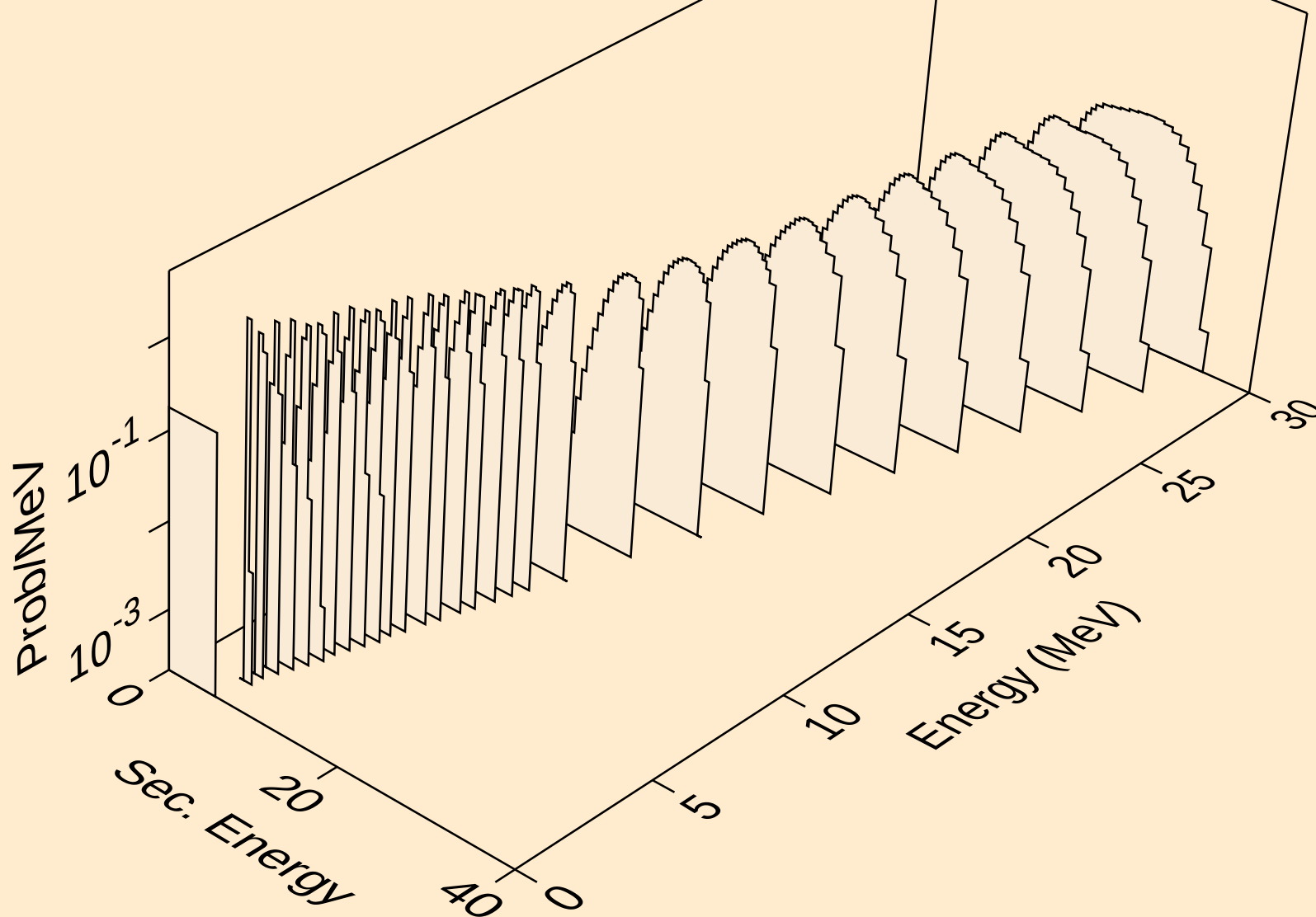
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



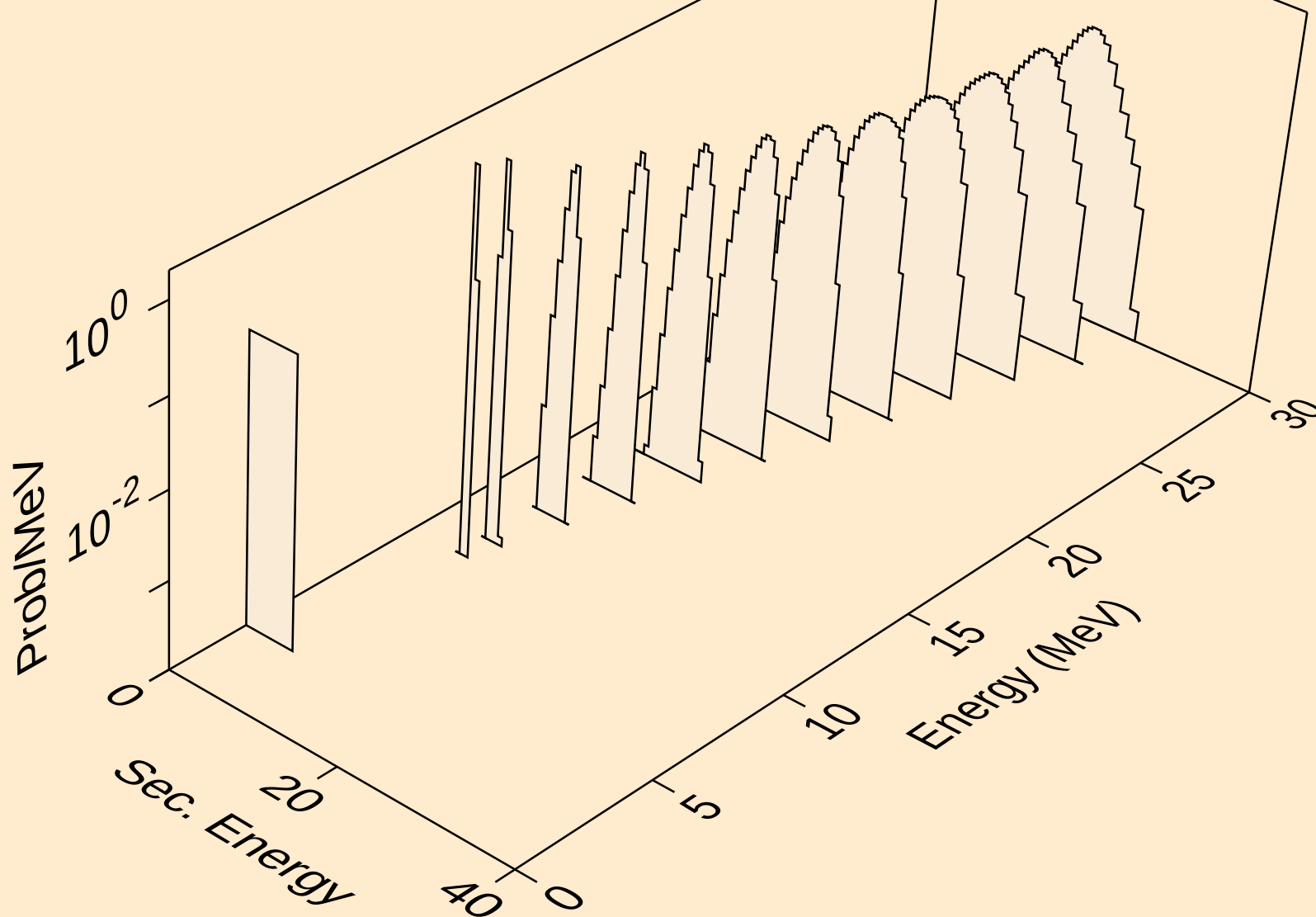
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



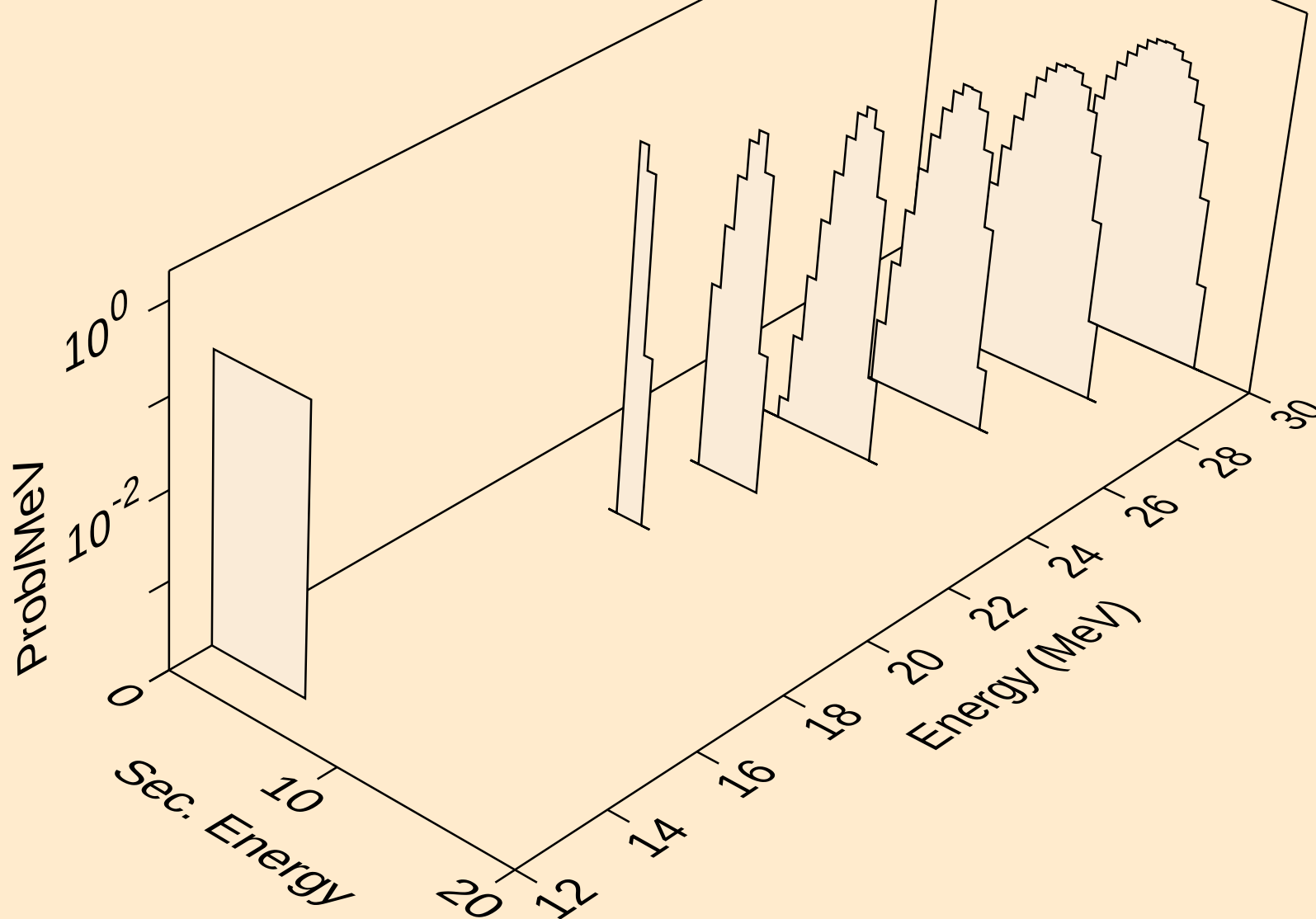
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



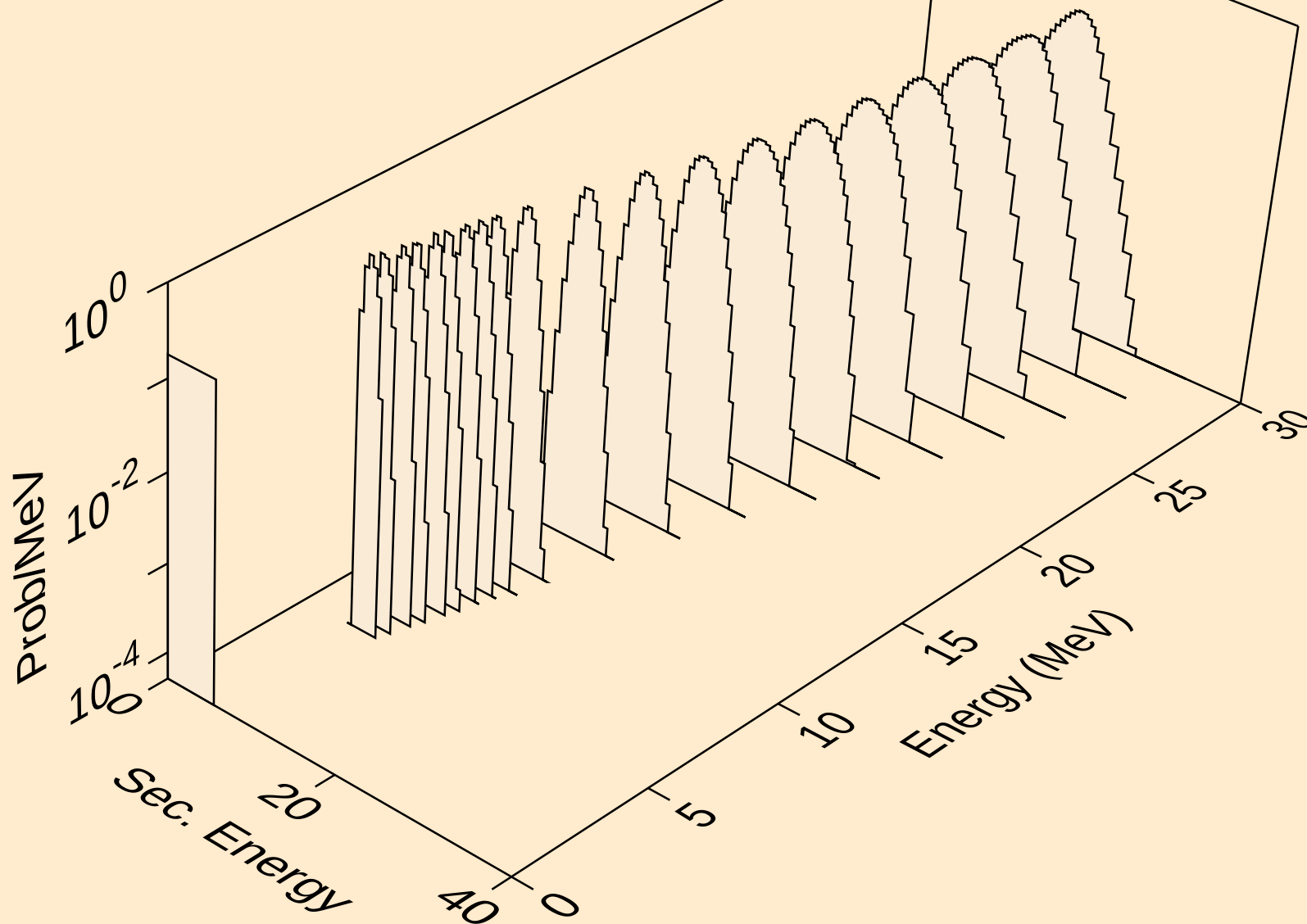
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



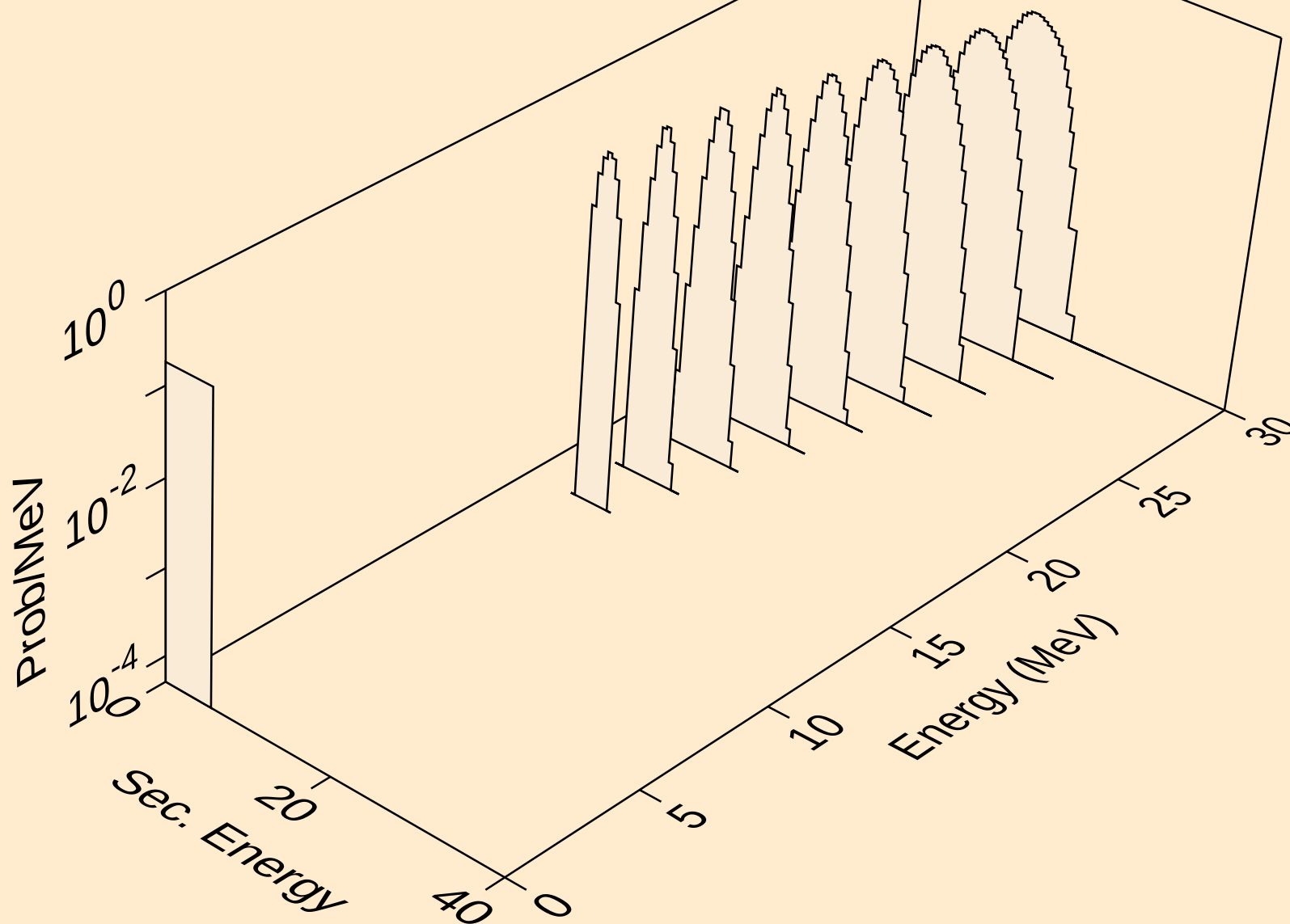
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



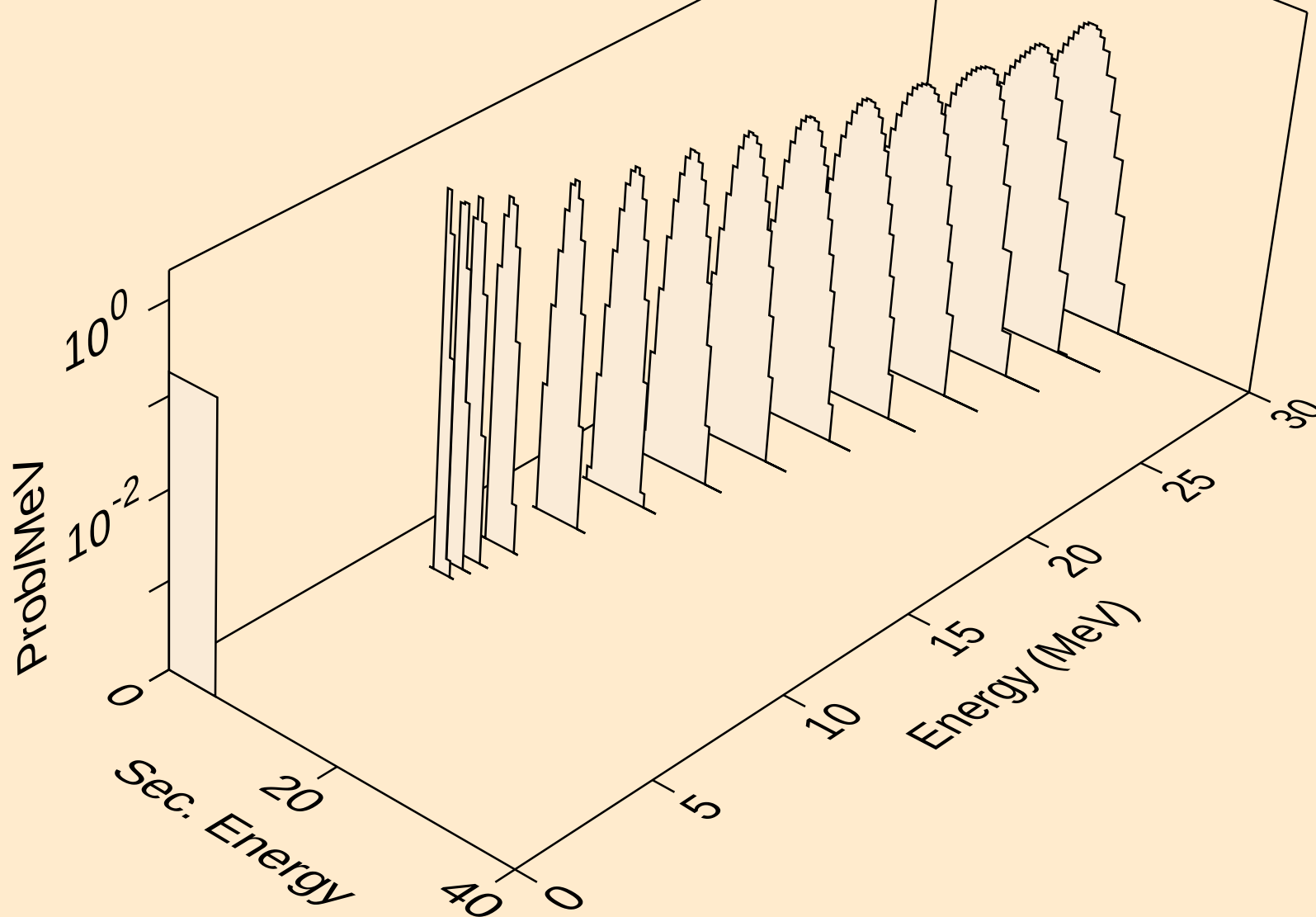
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



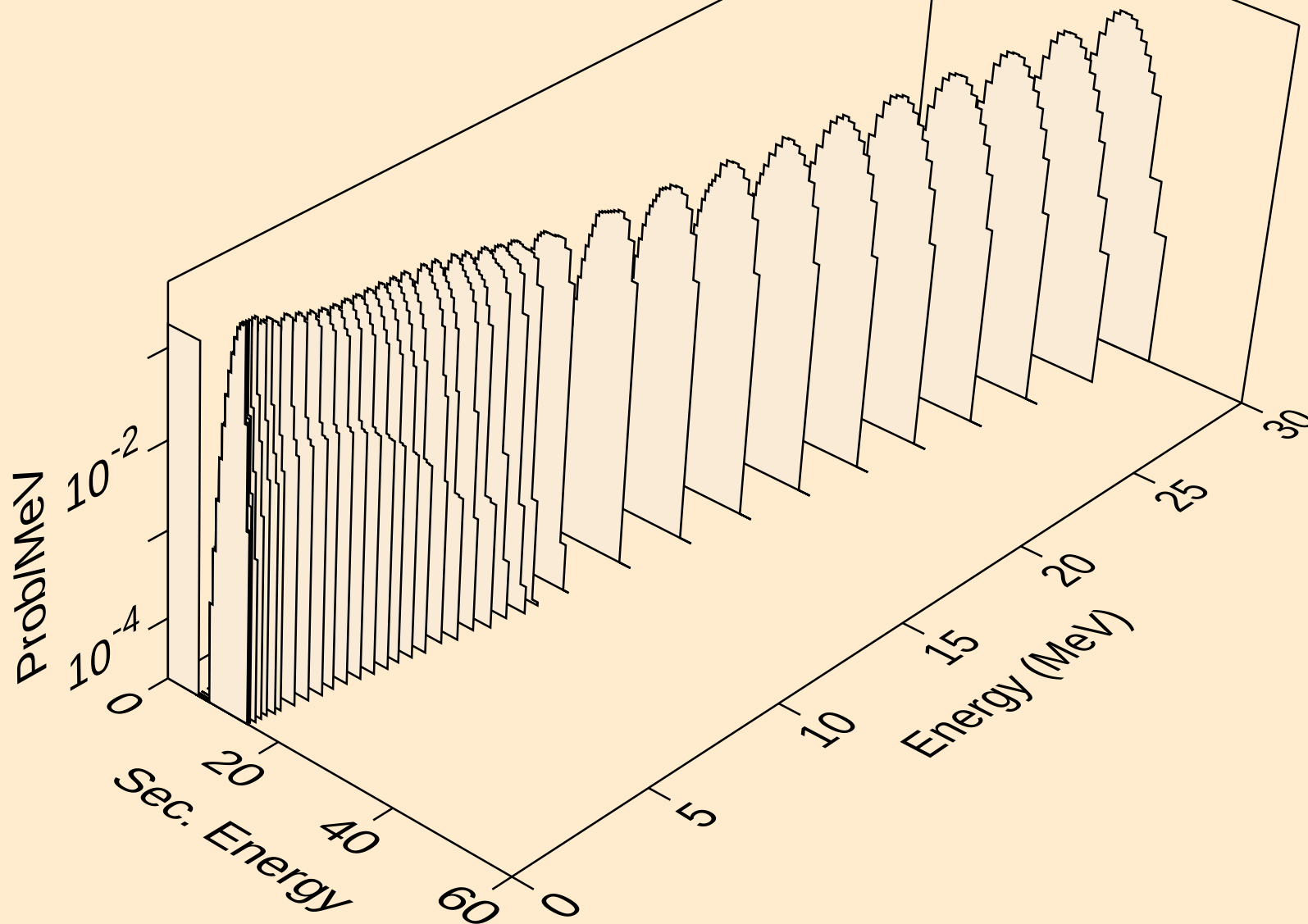
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)2a



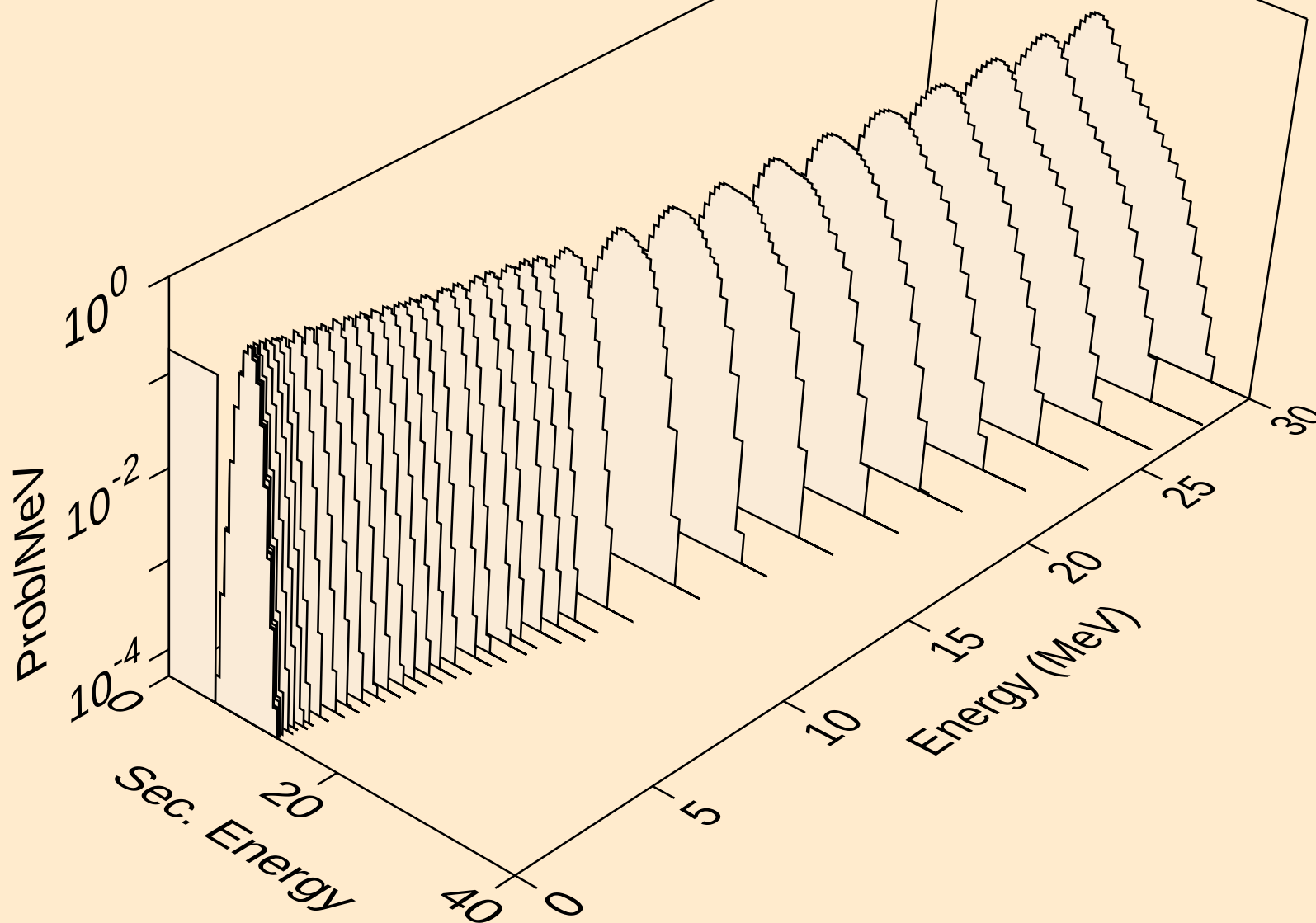
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



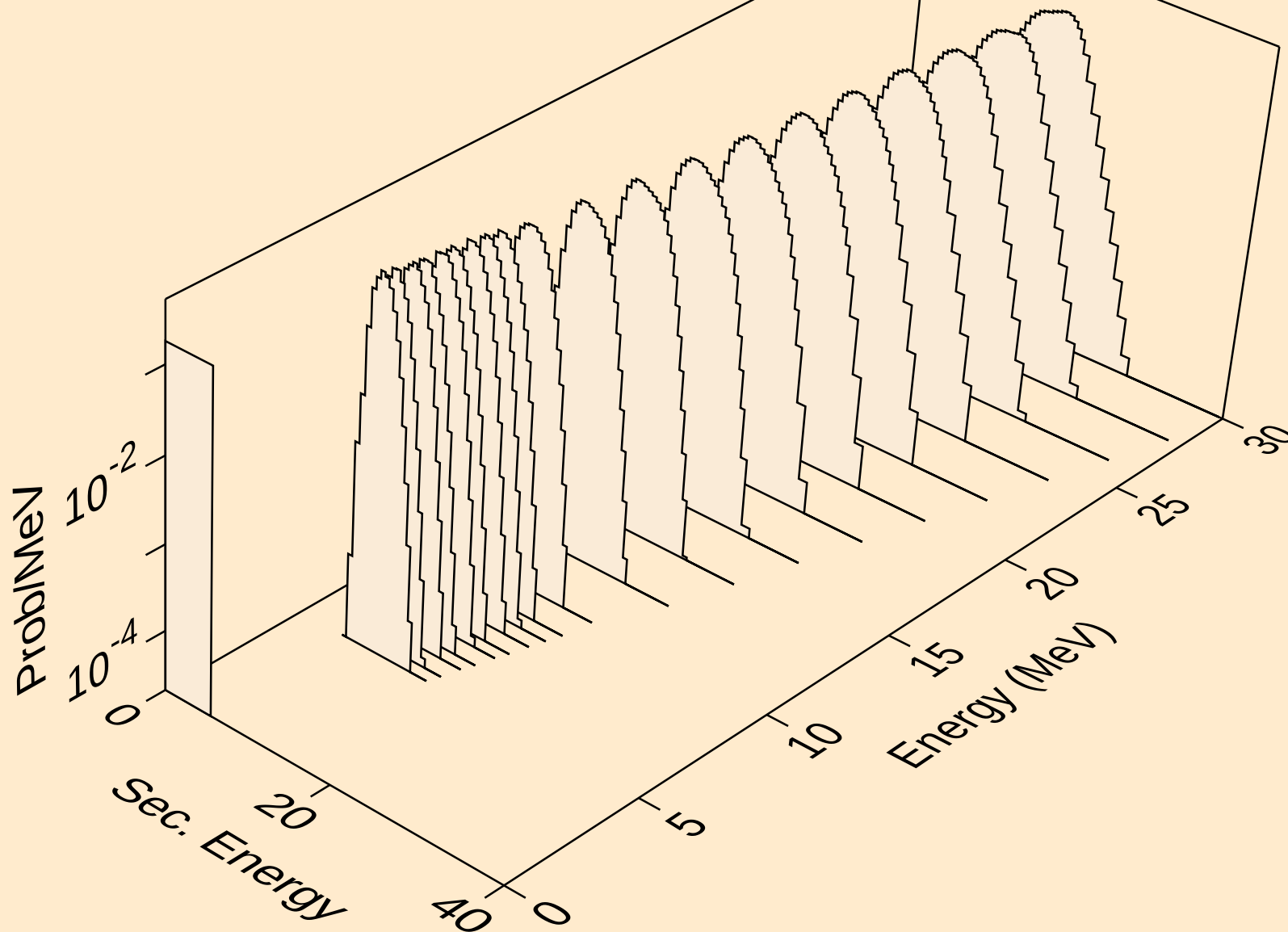
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



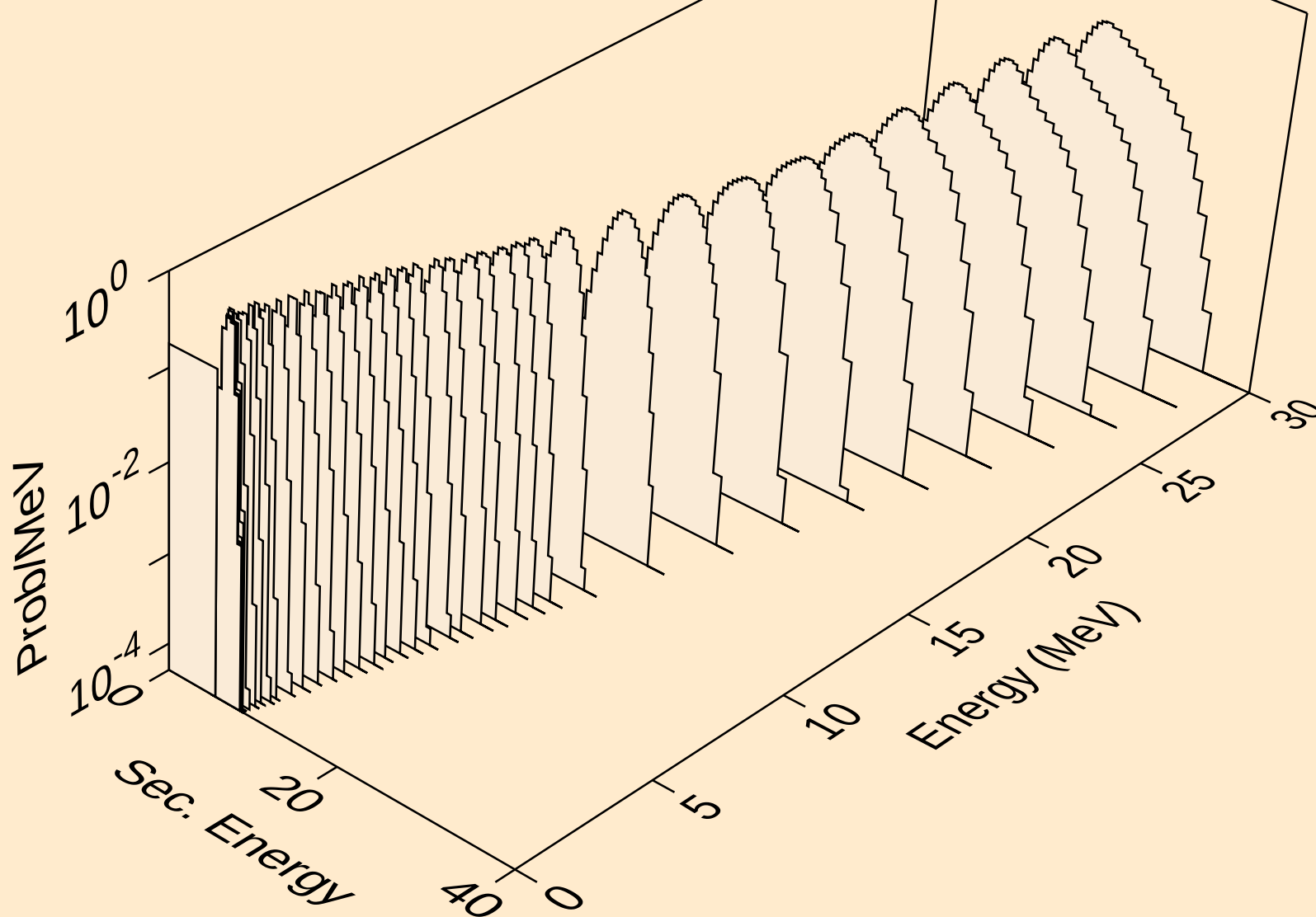
PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3a)



PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



PT181 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

