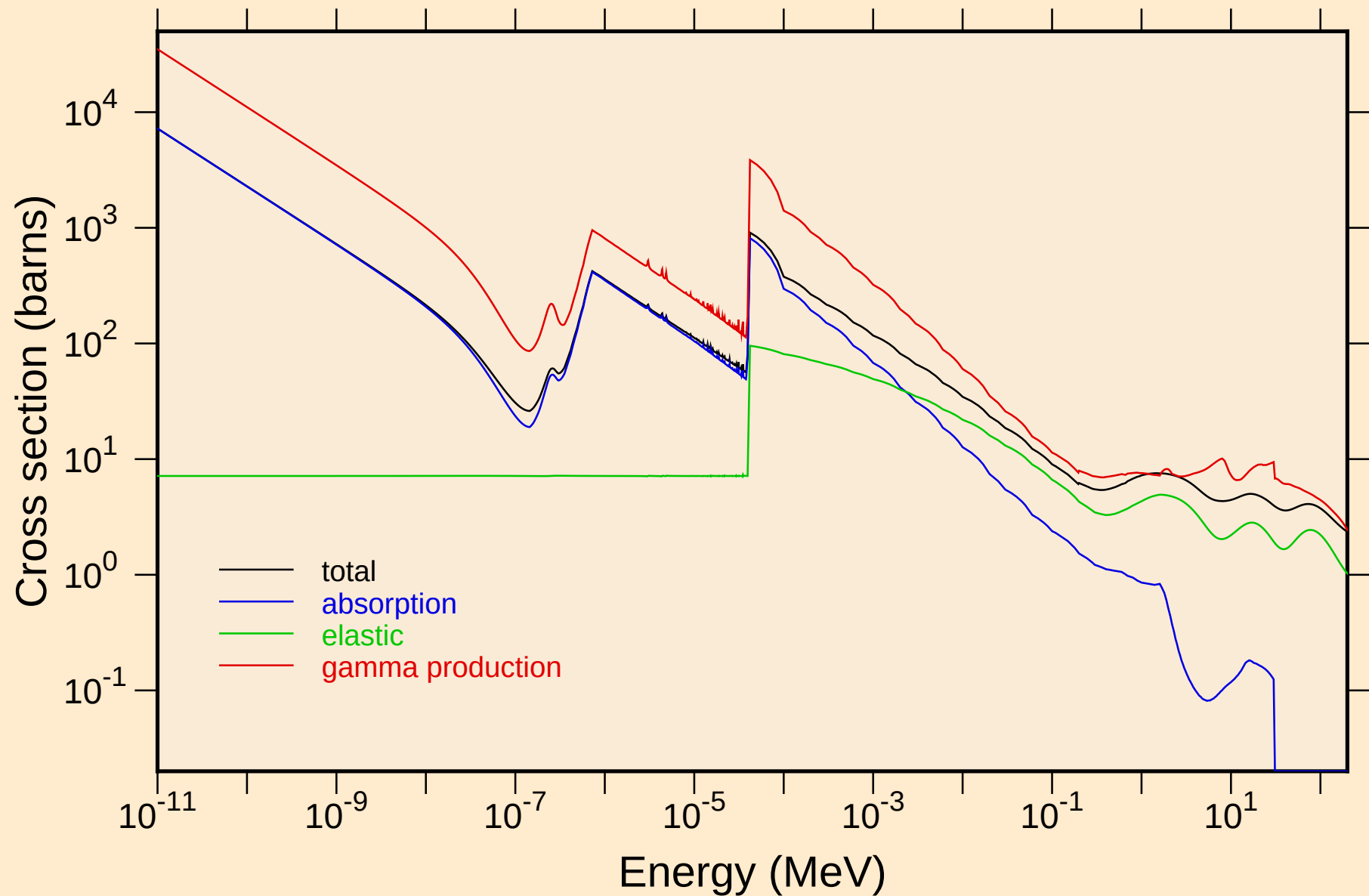
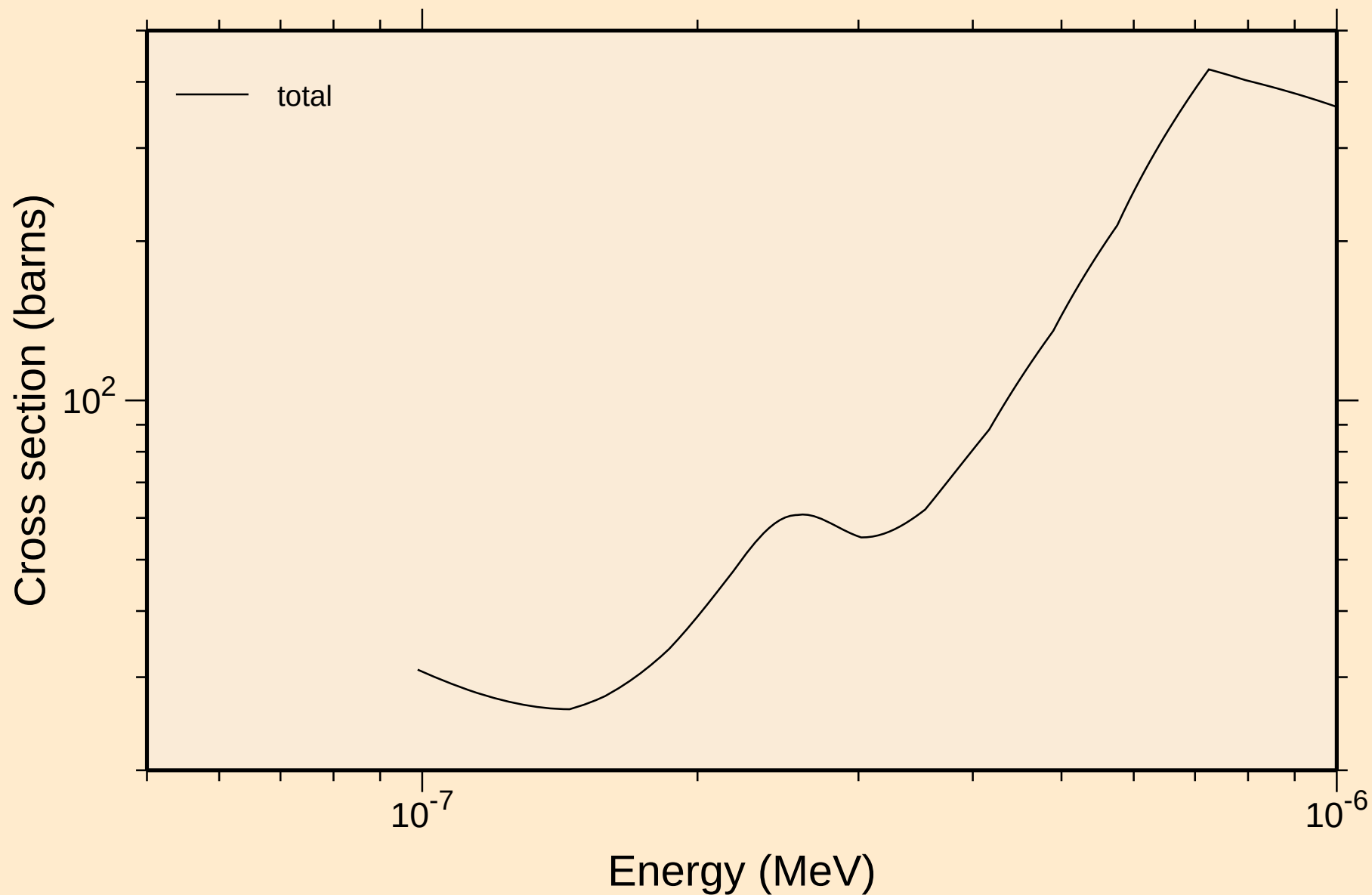


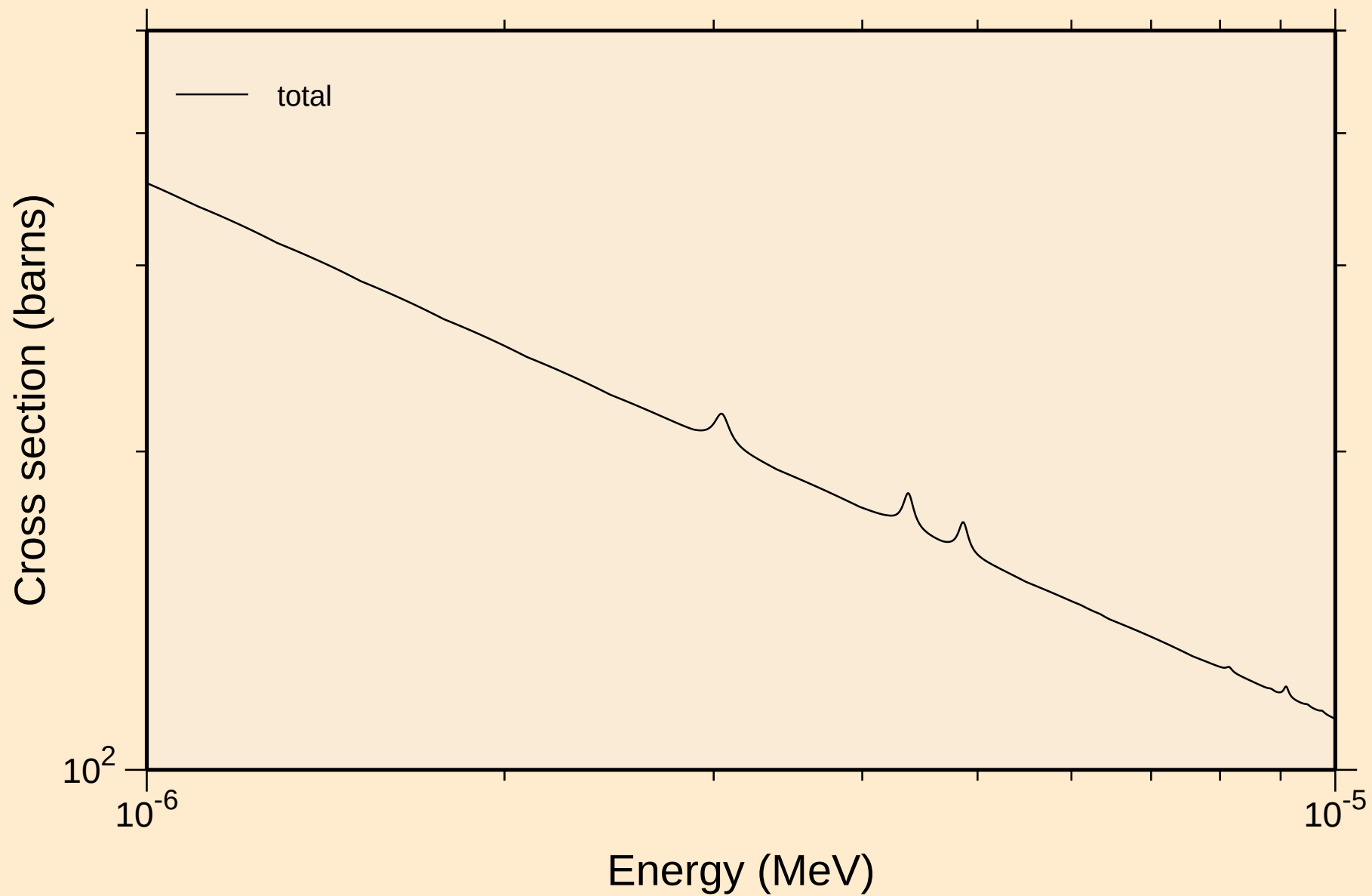
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



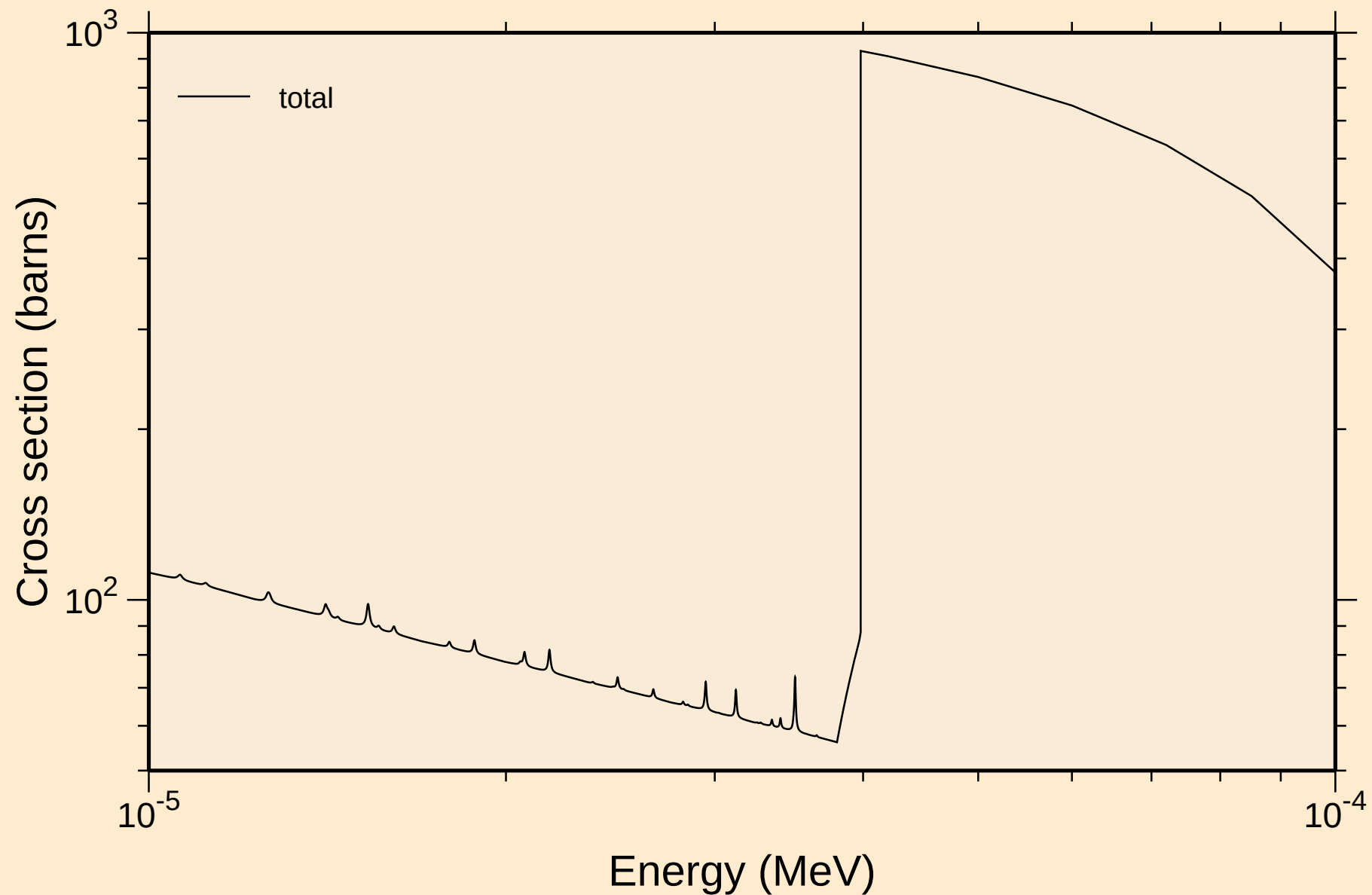
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



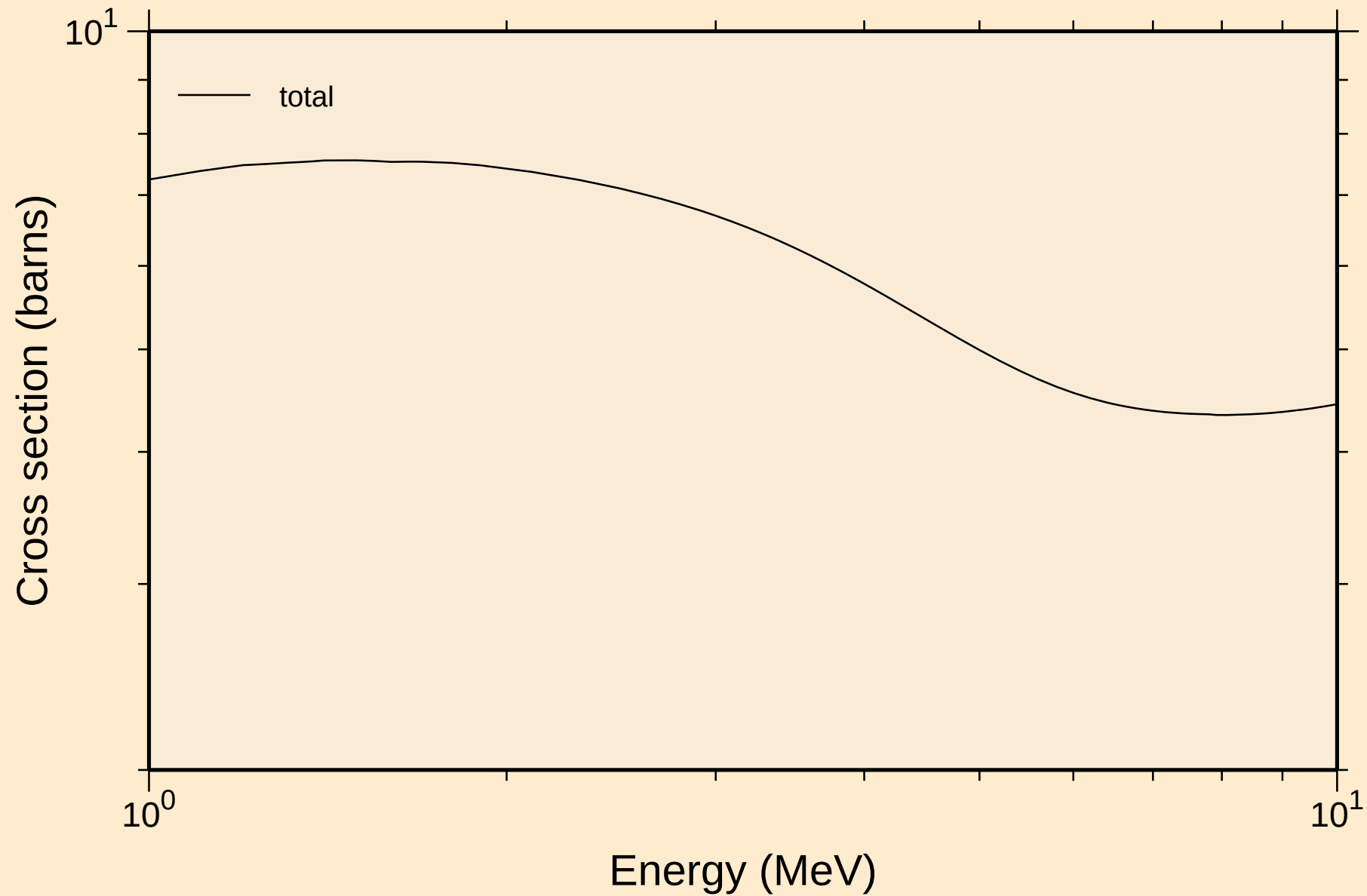
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



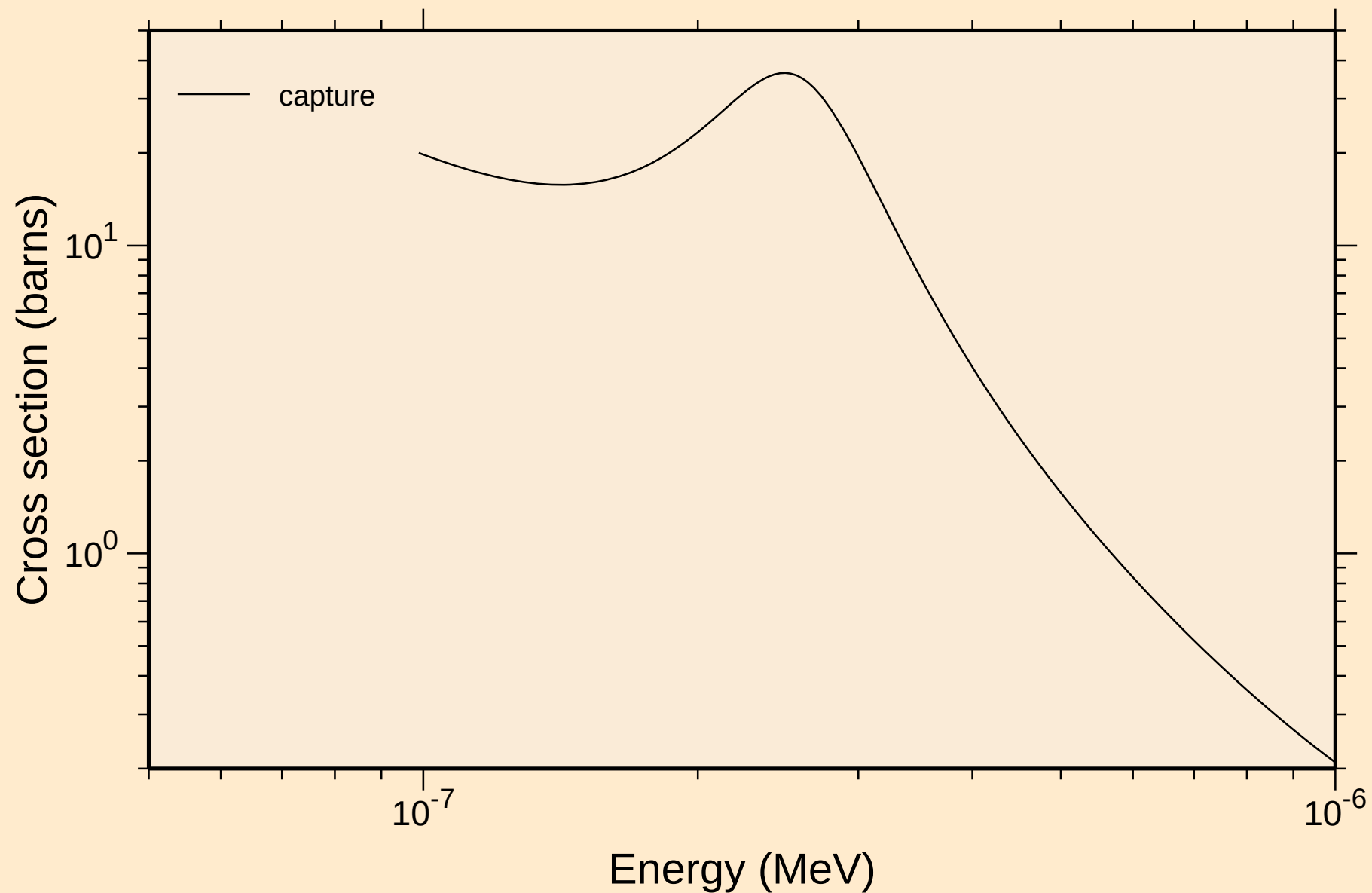
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



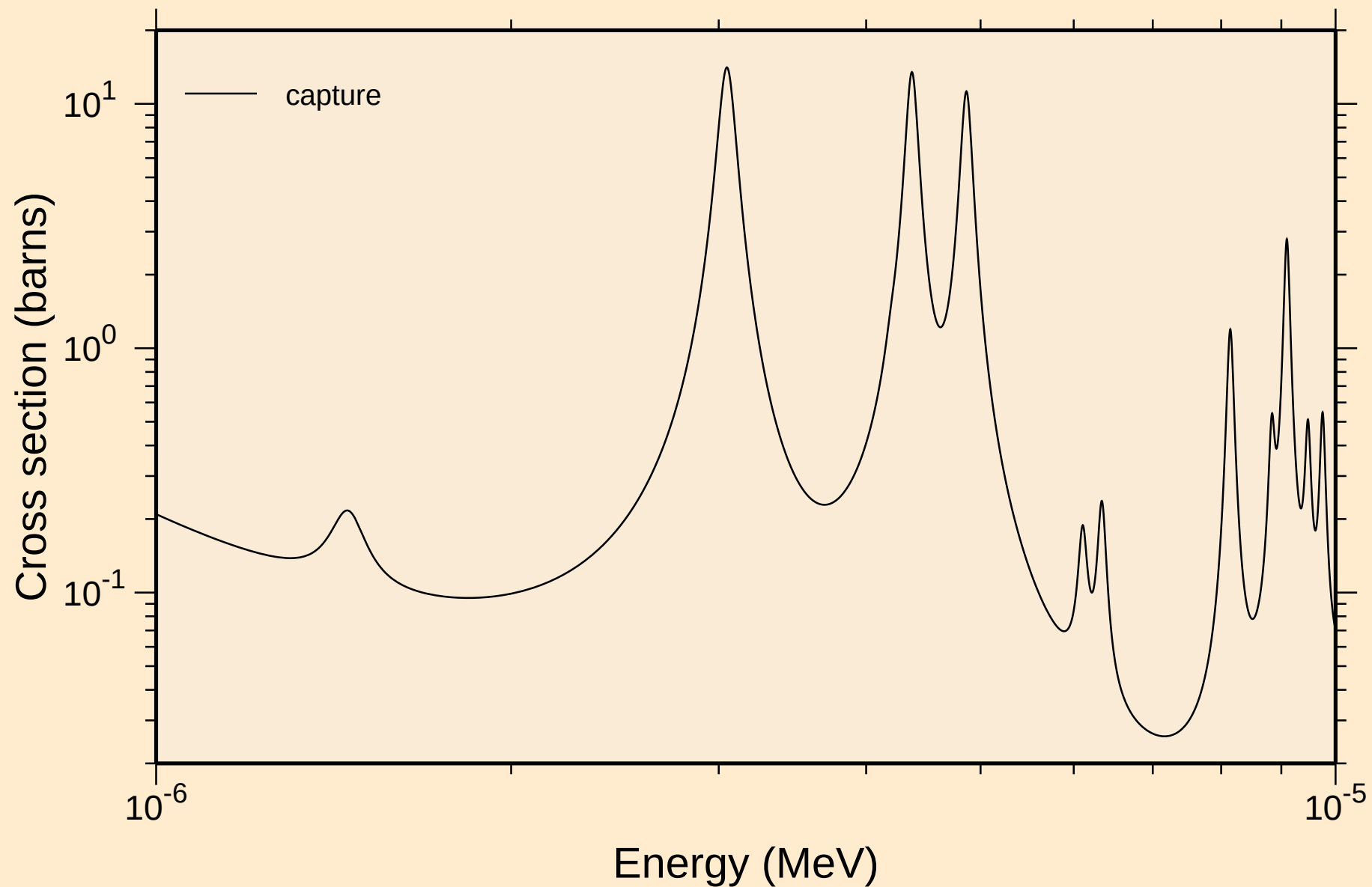
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



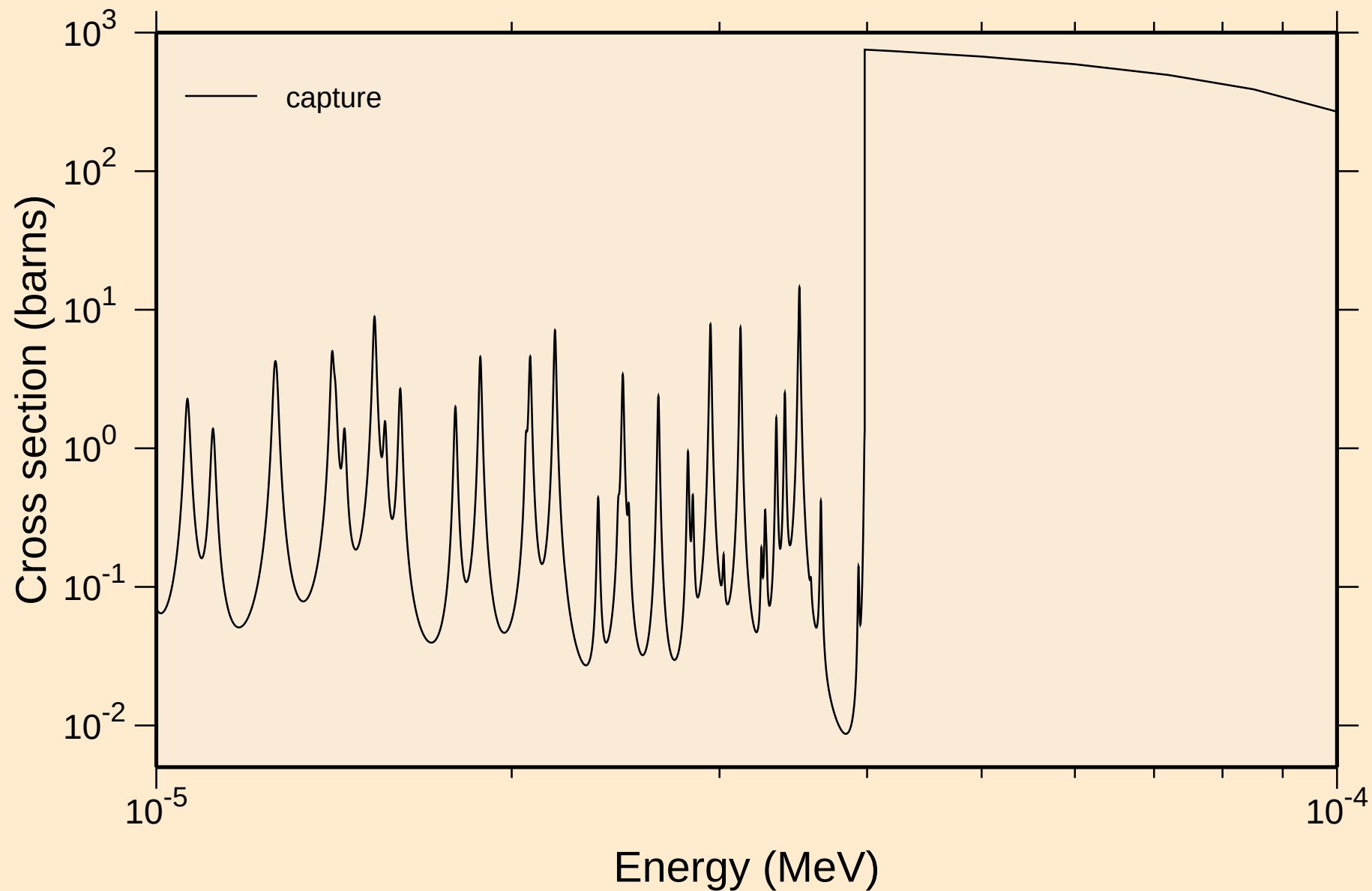
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



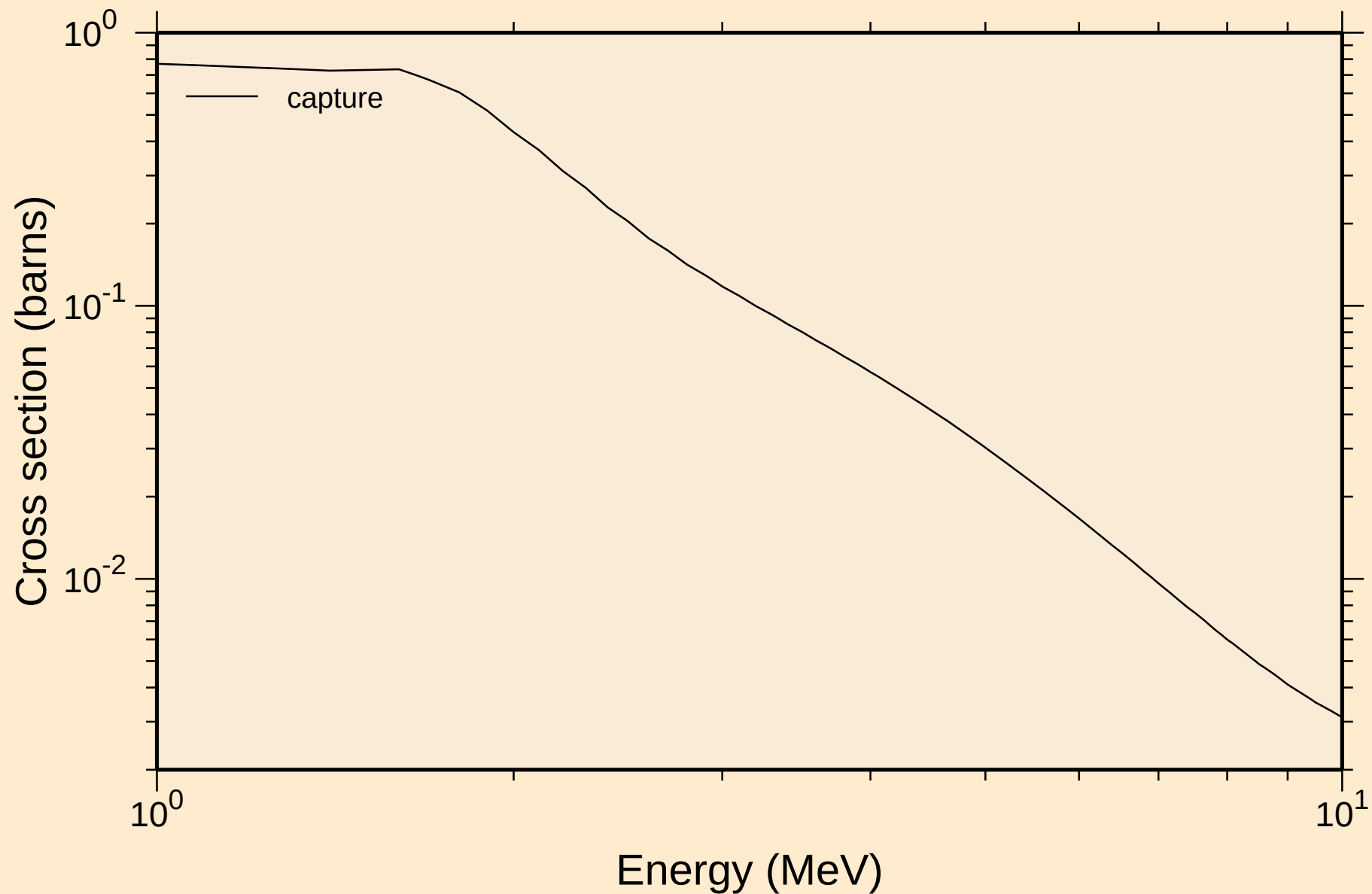
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

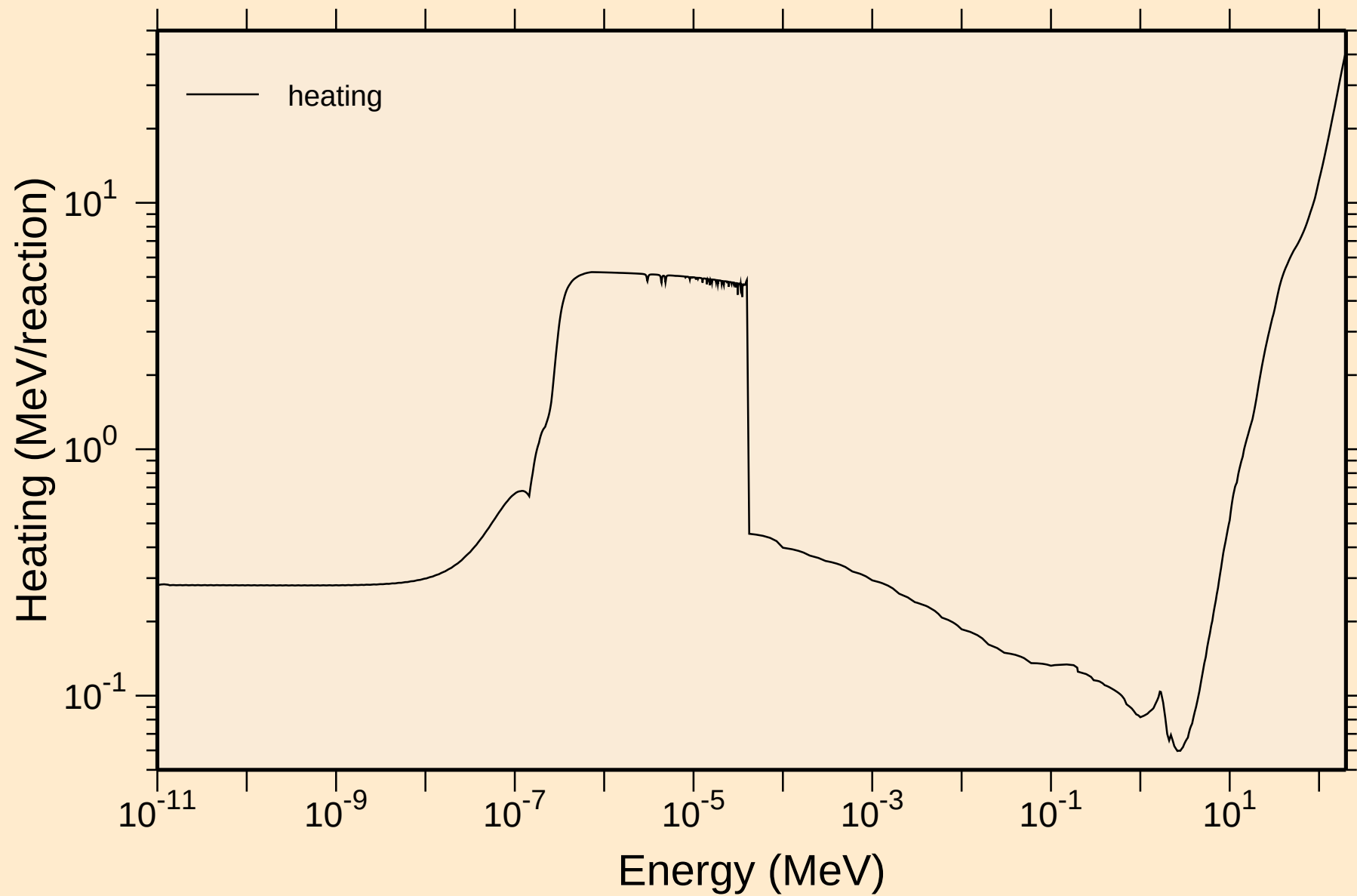


TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



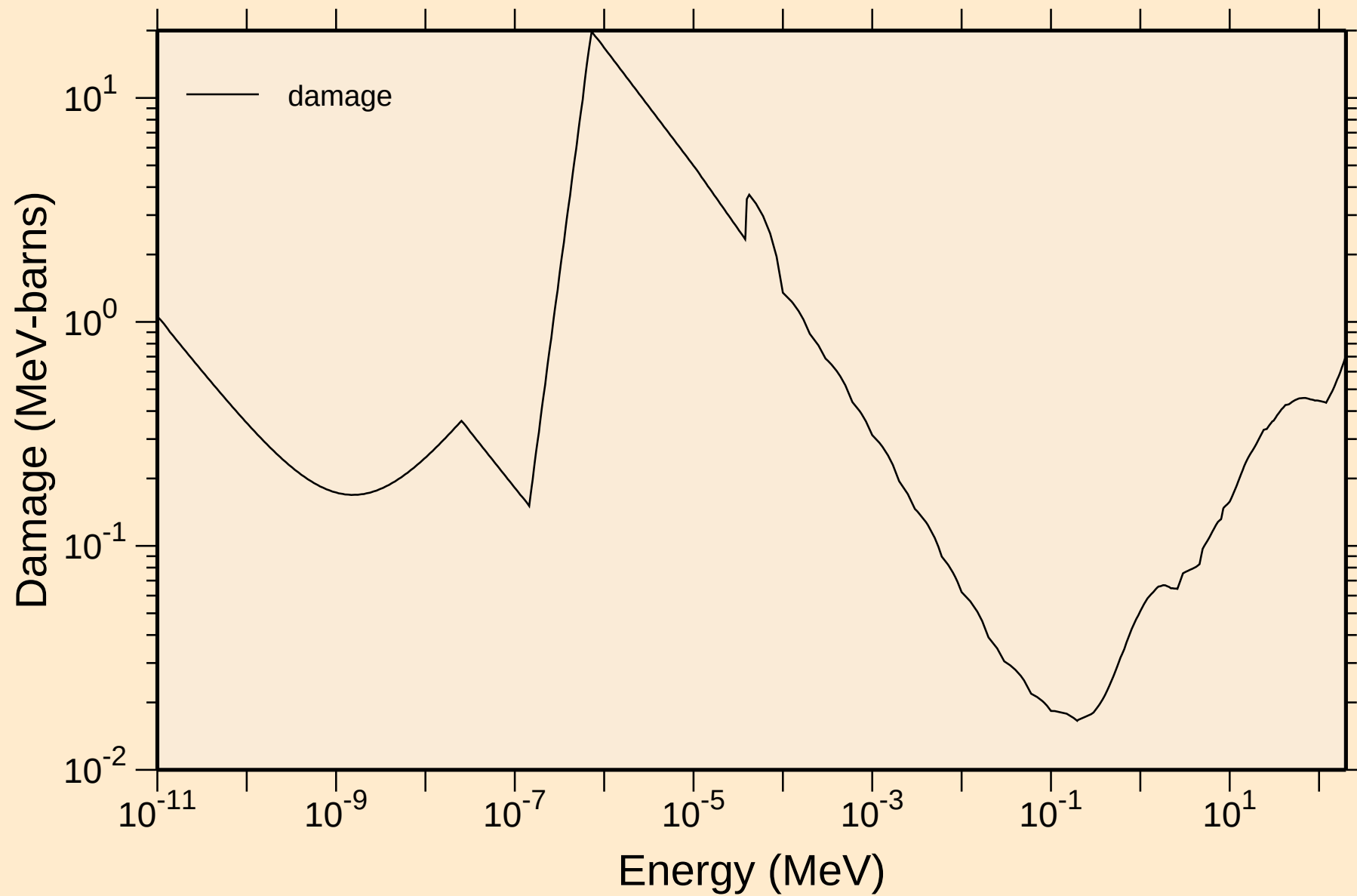
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

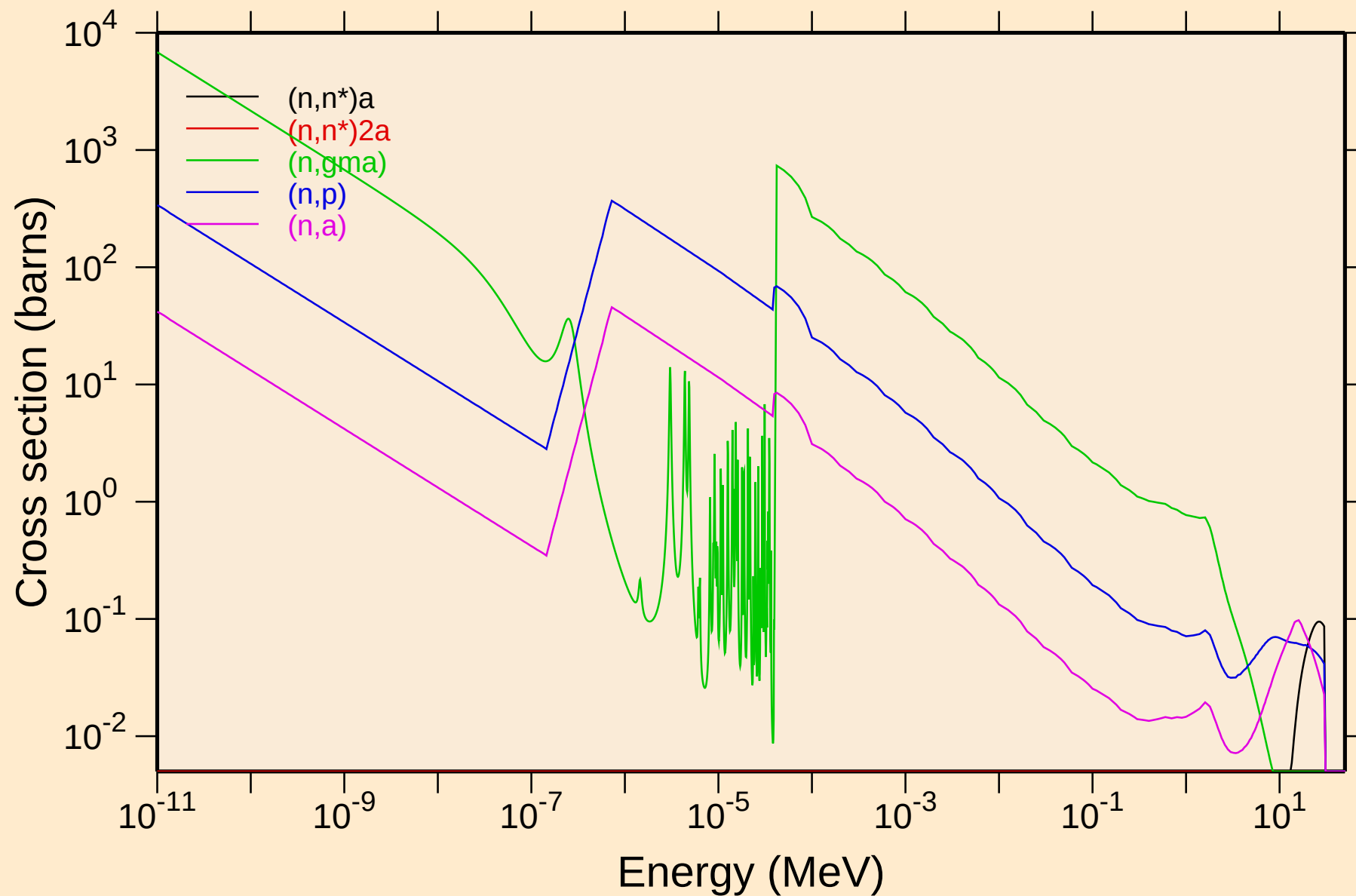


TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

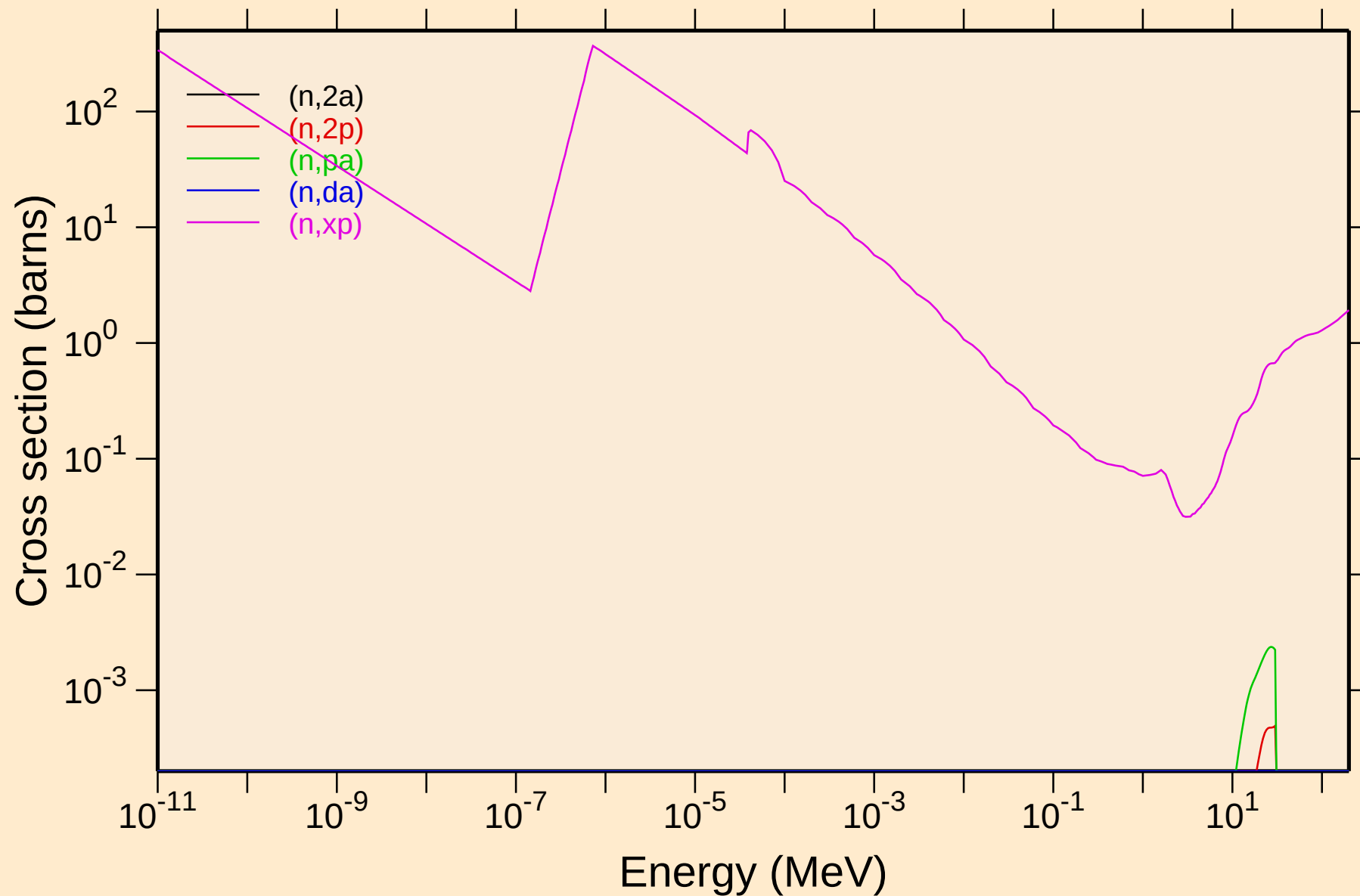
Damage



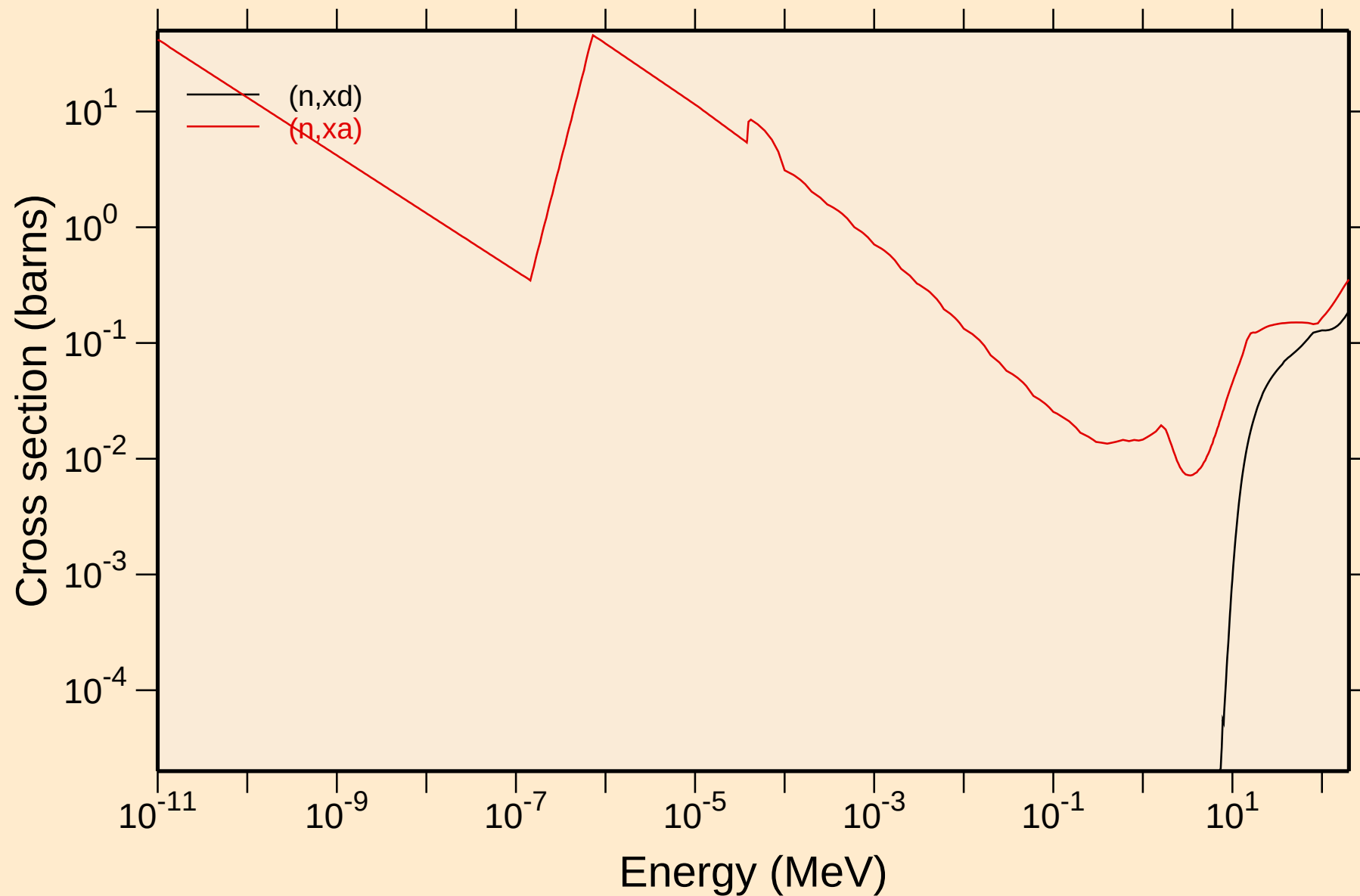
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

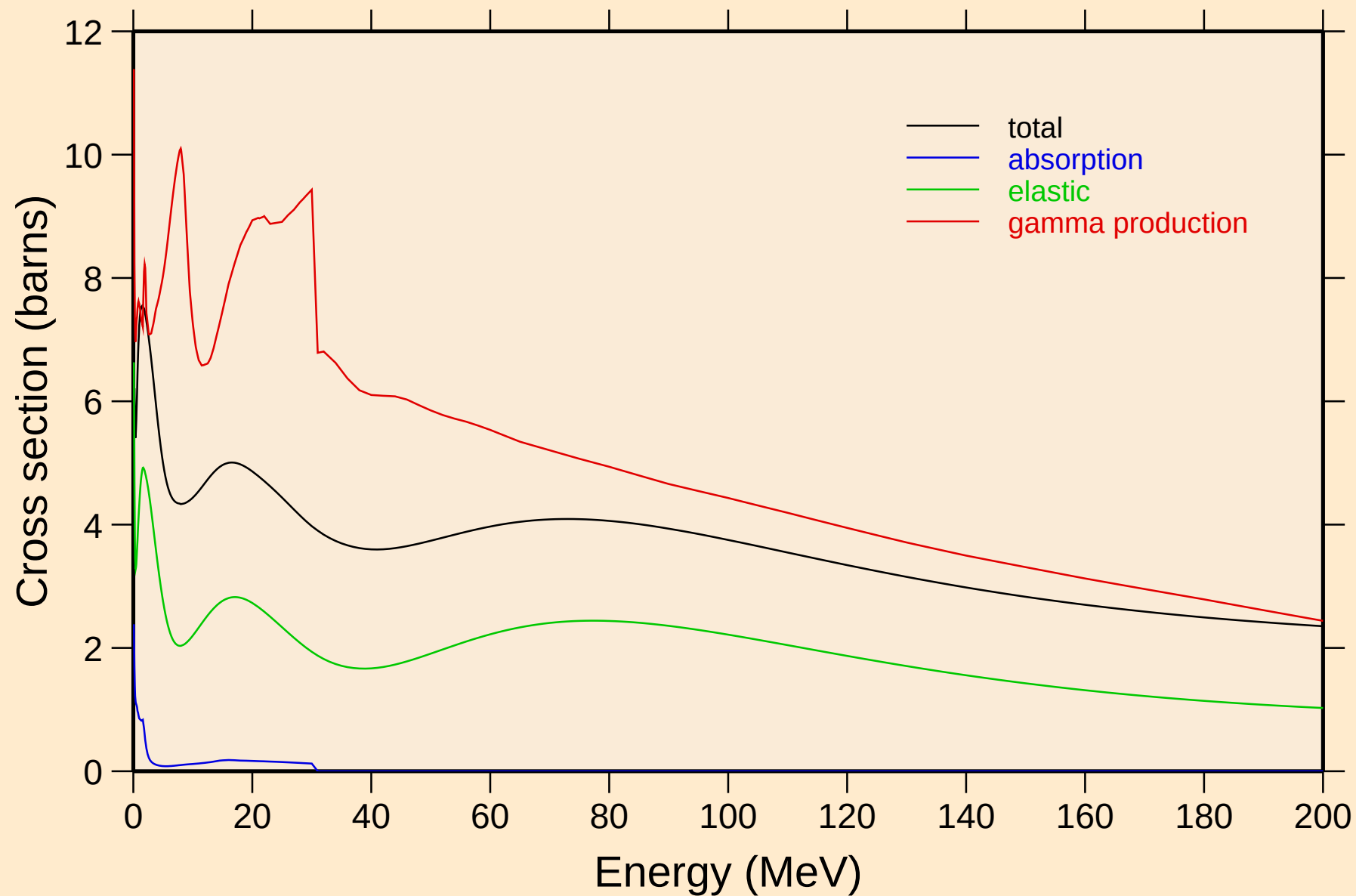


TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



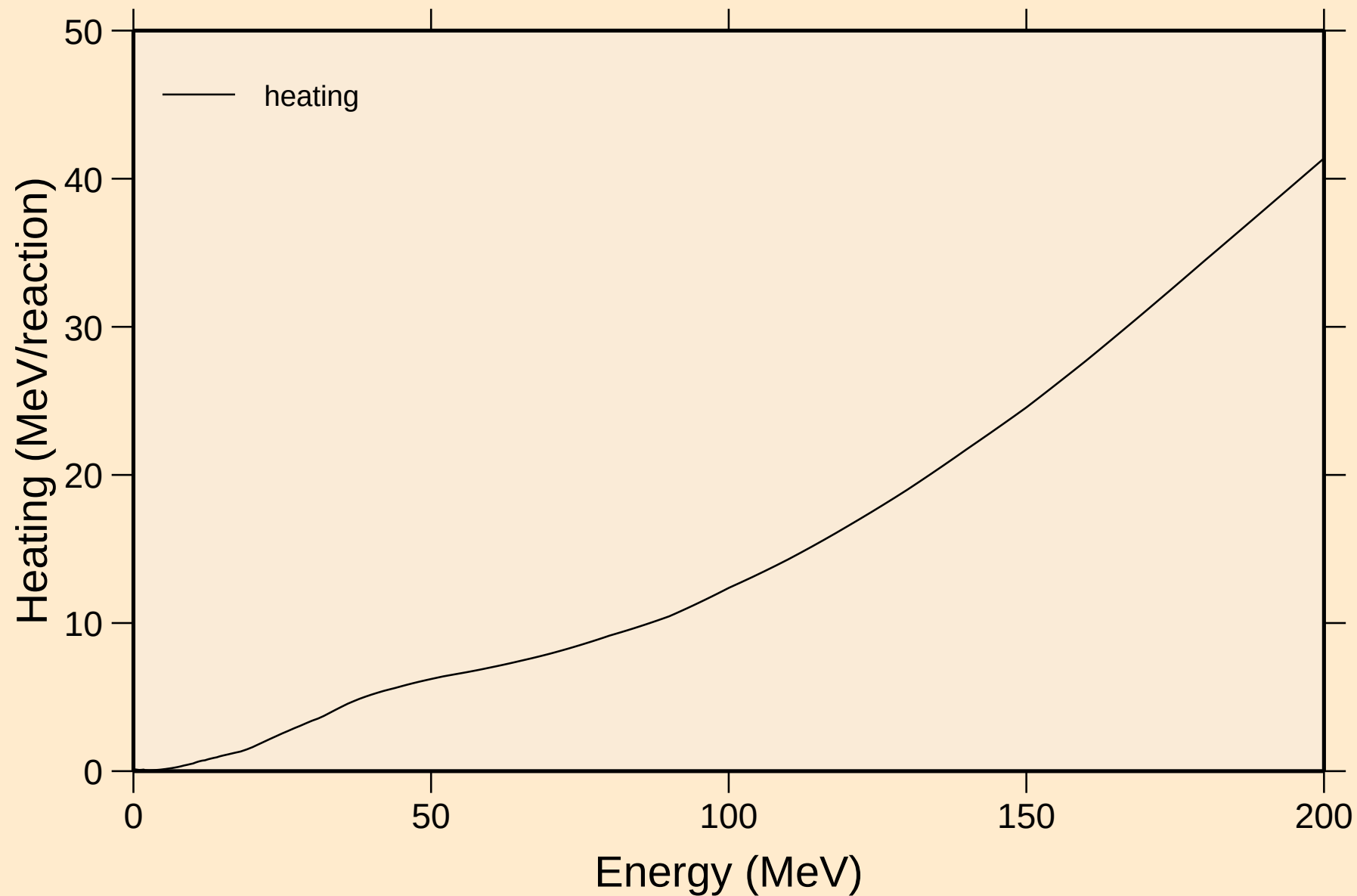
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



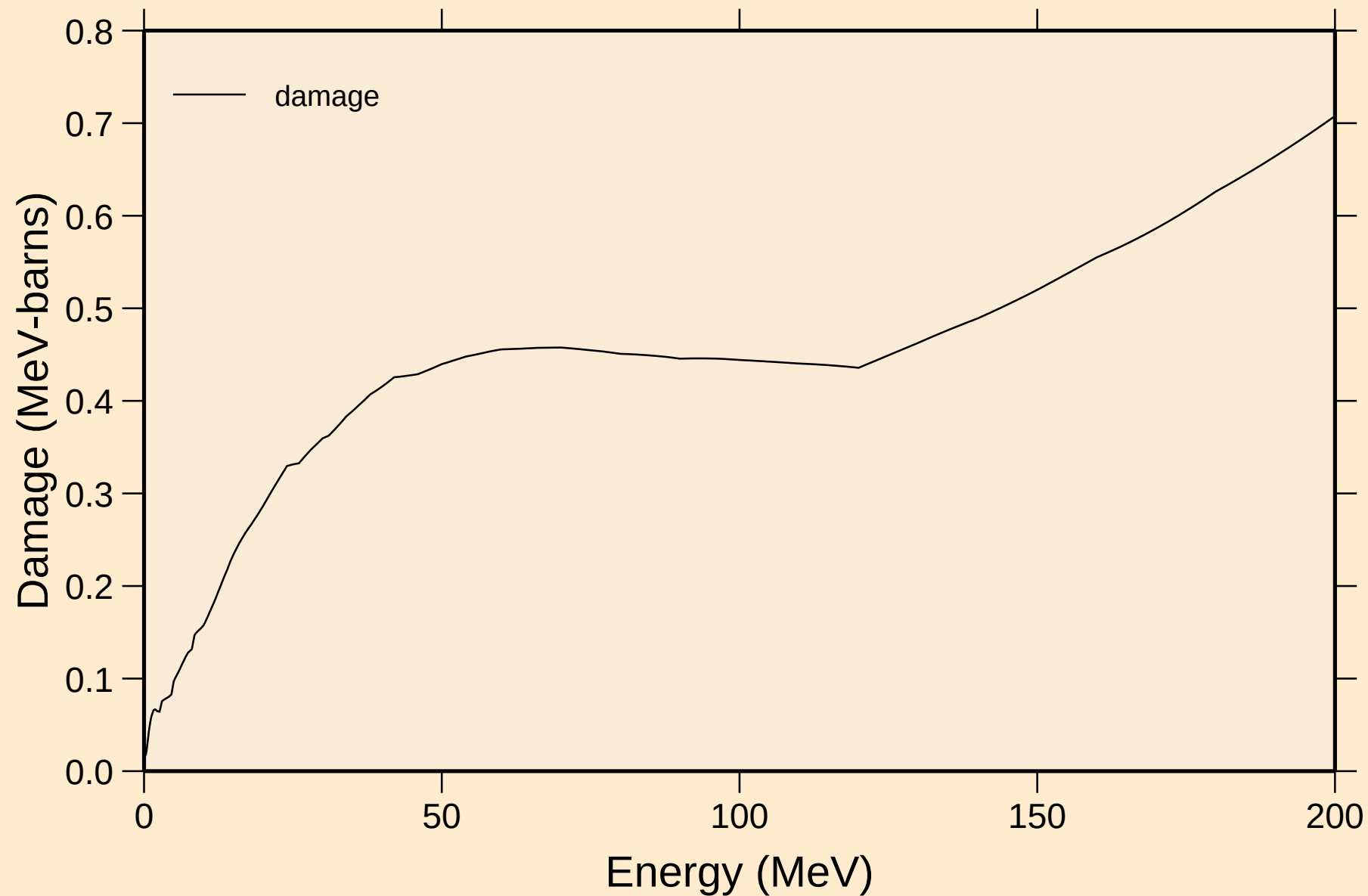
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

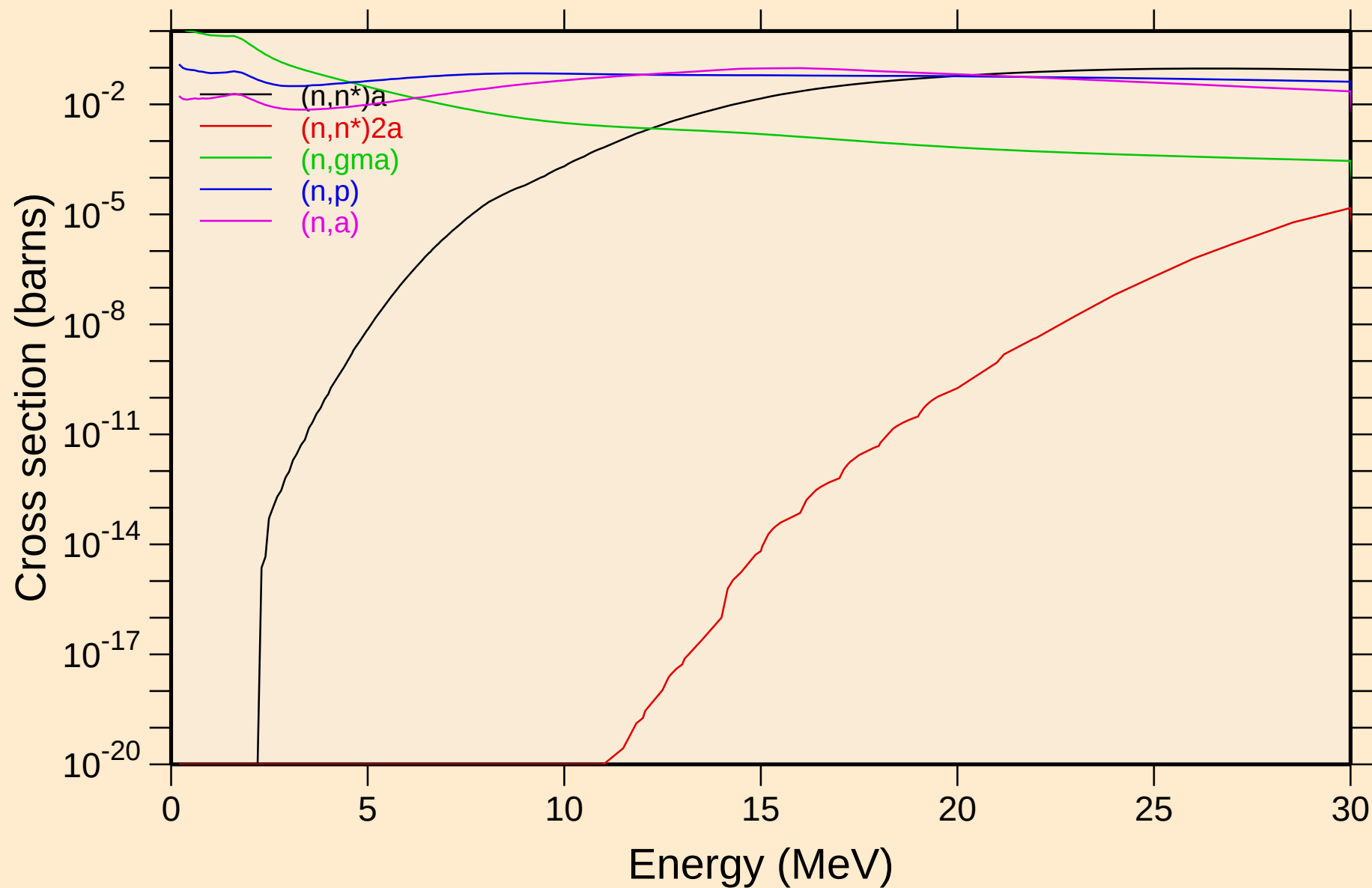


TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

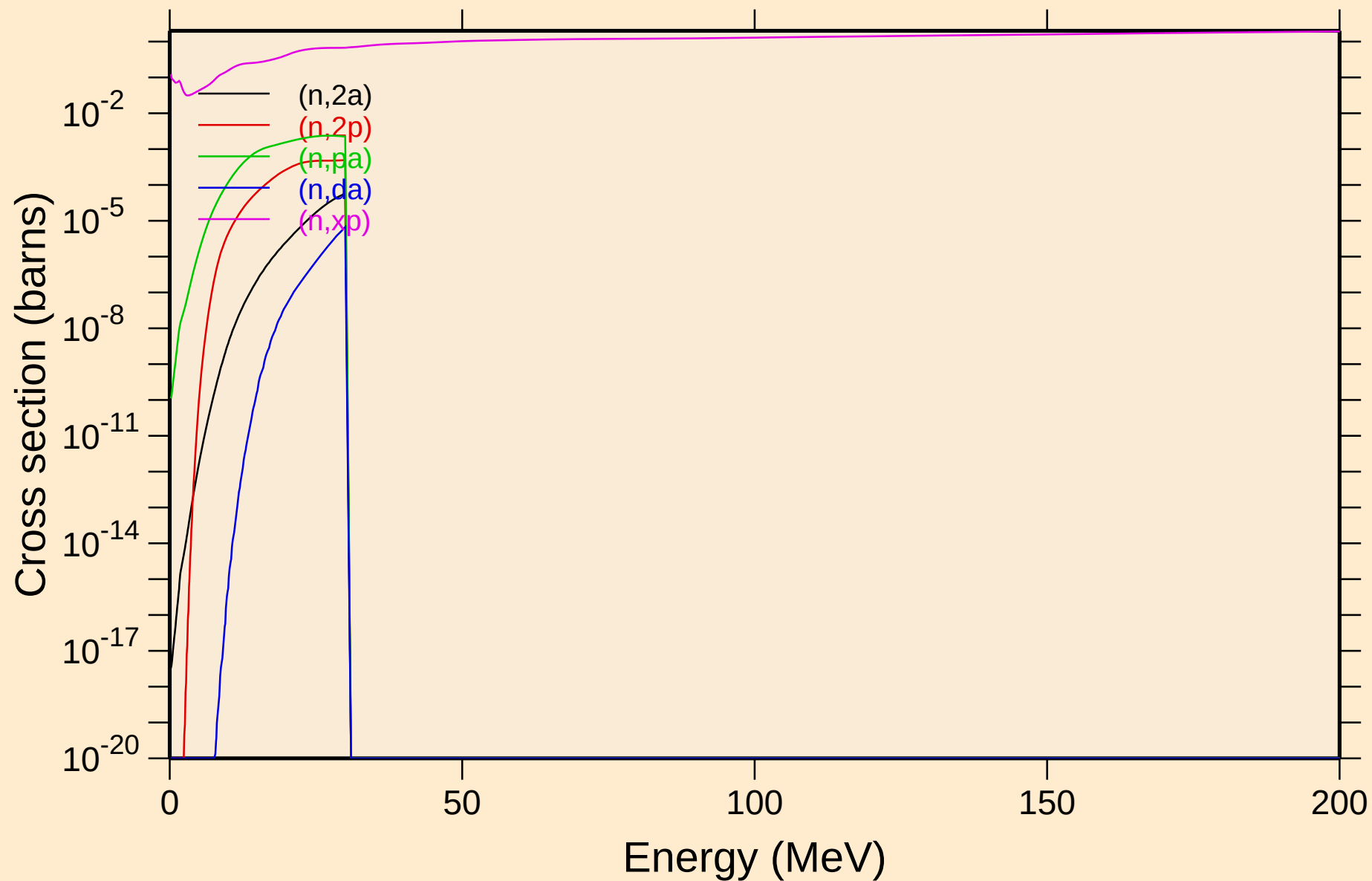
Damage



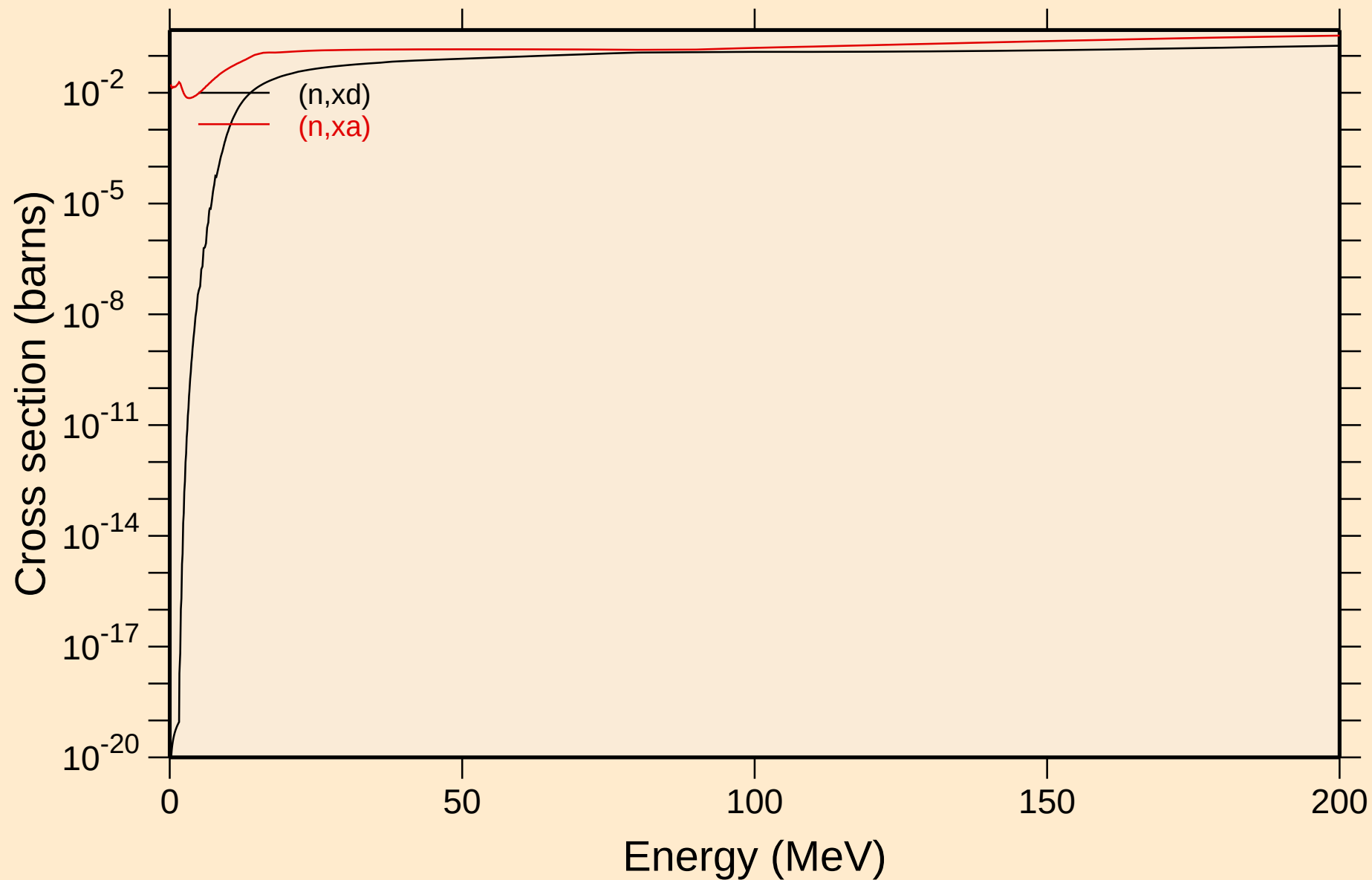
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



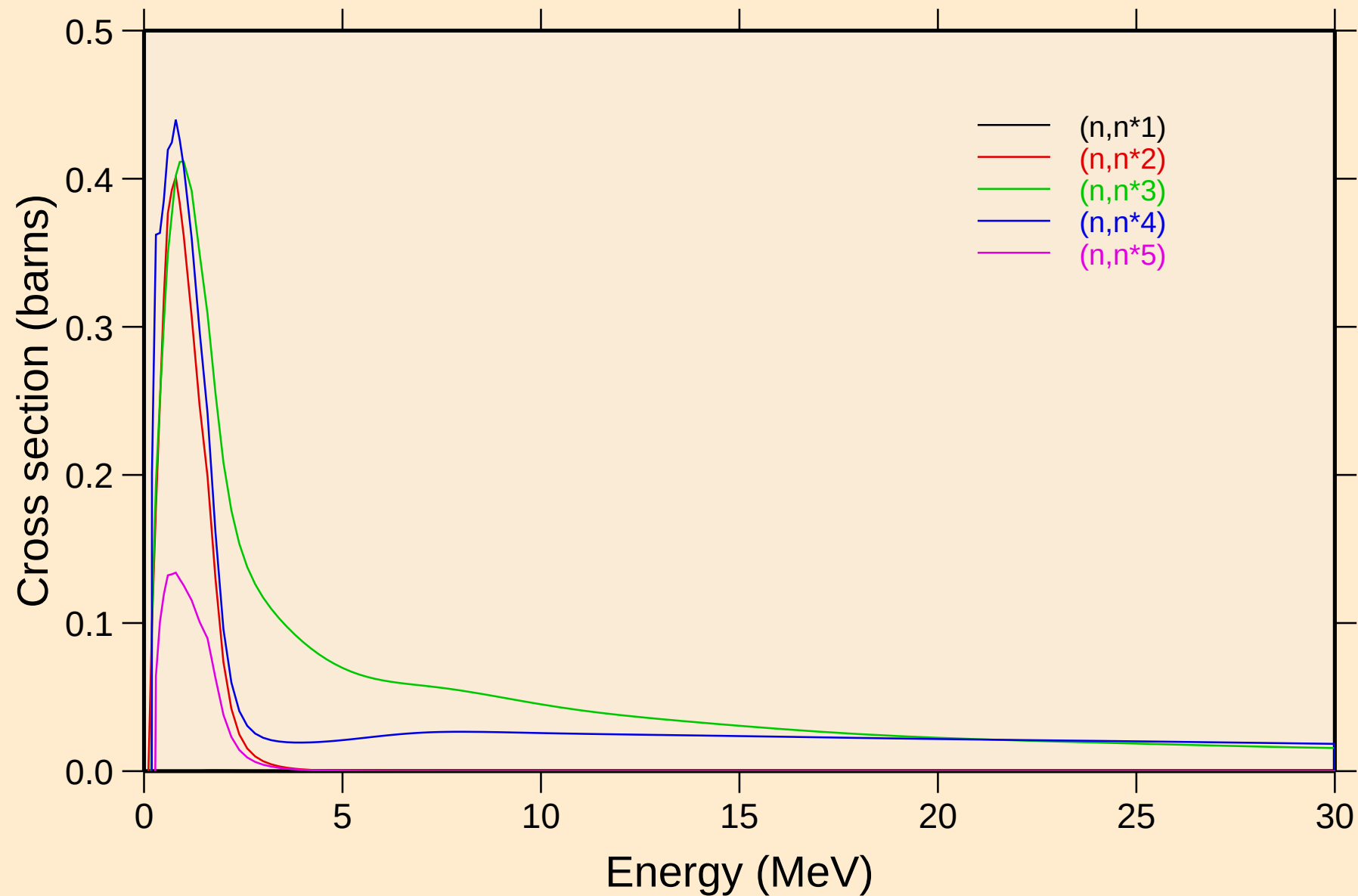
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

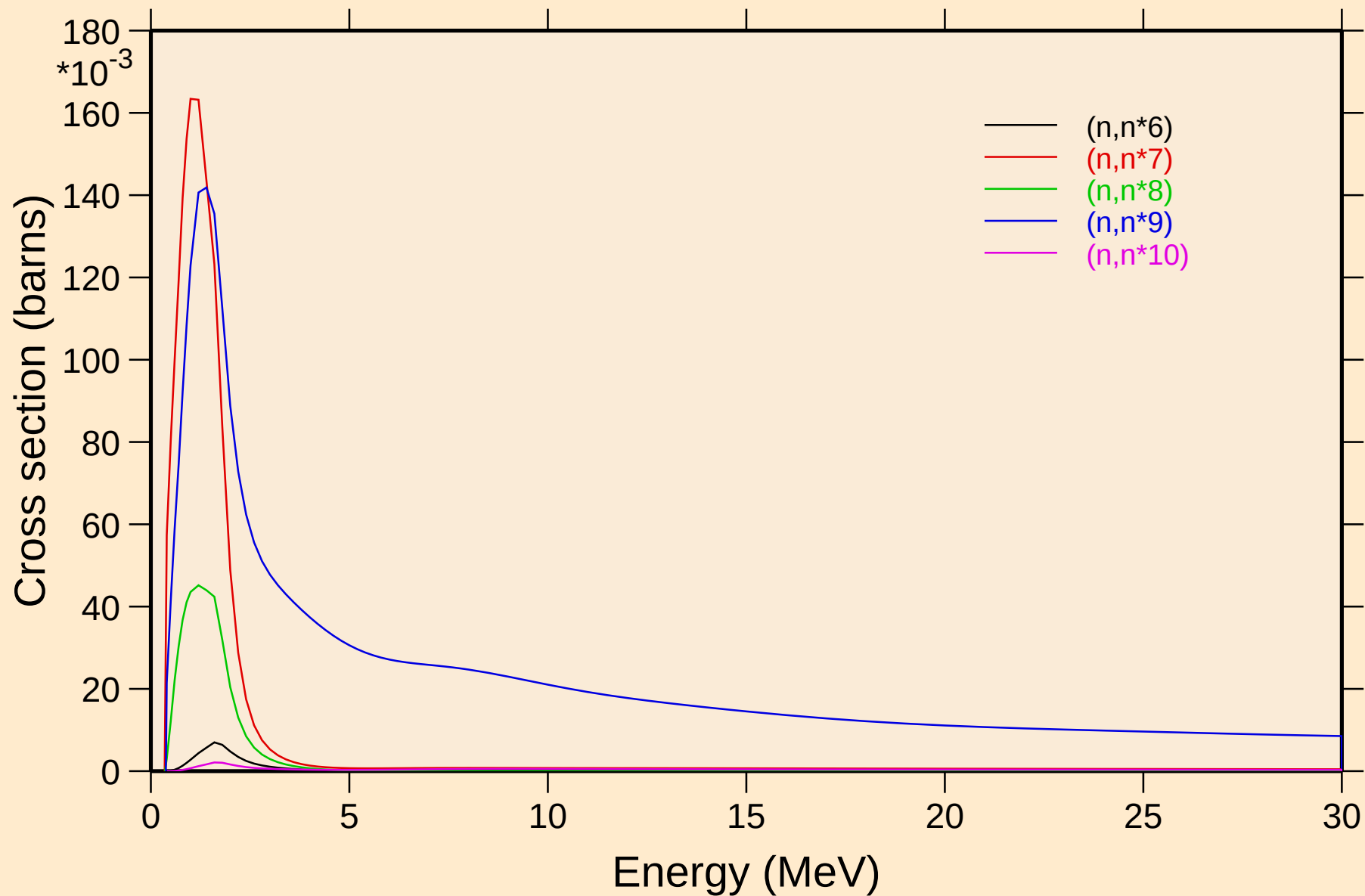


TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



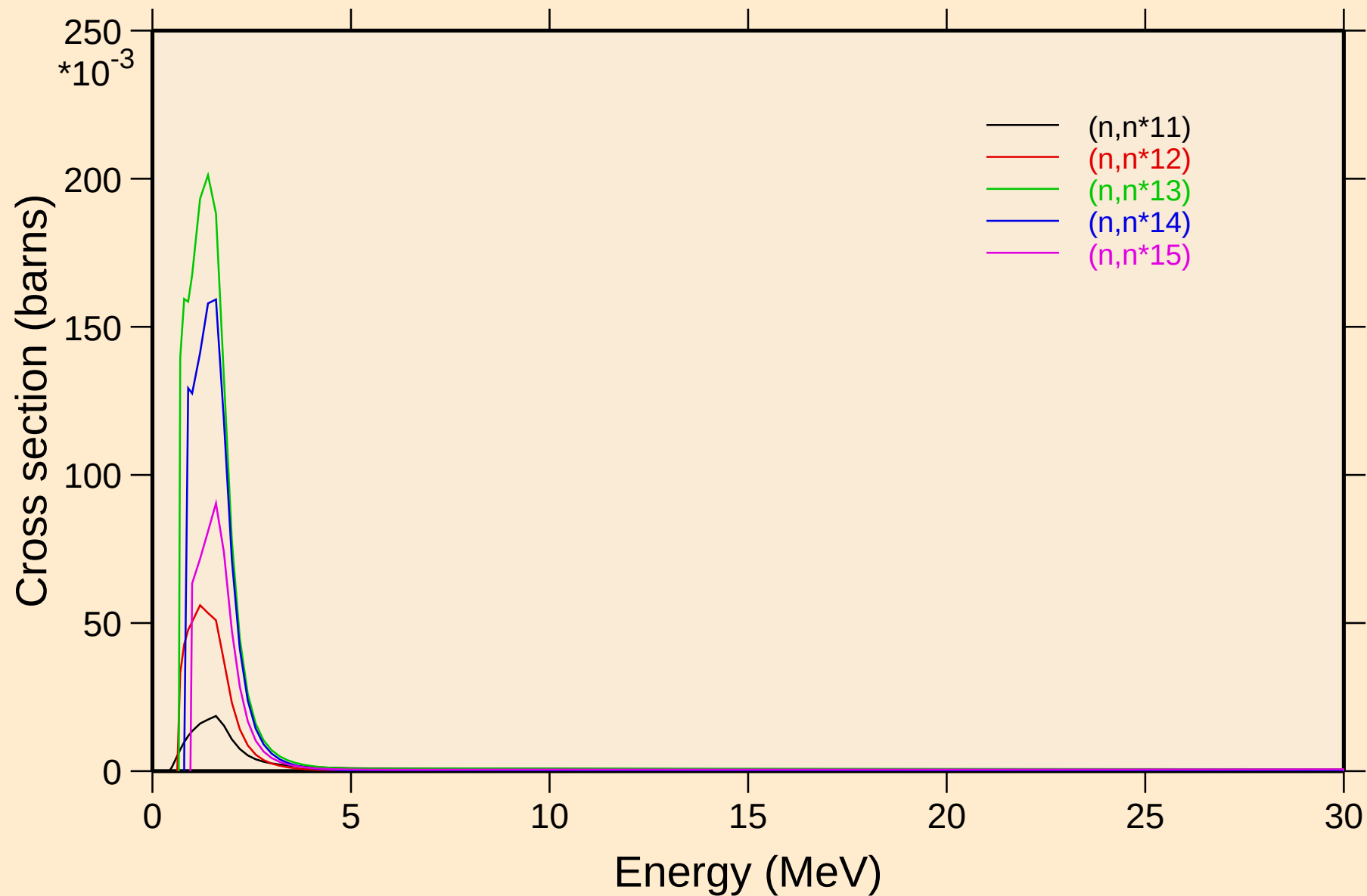
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



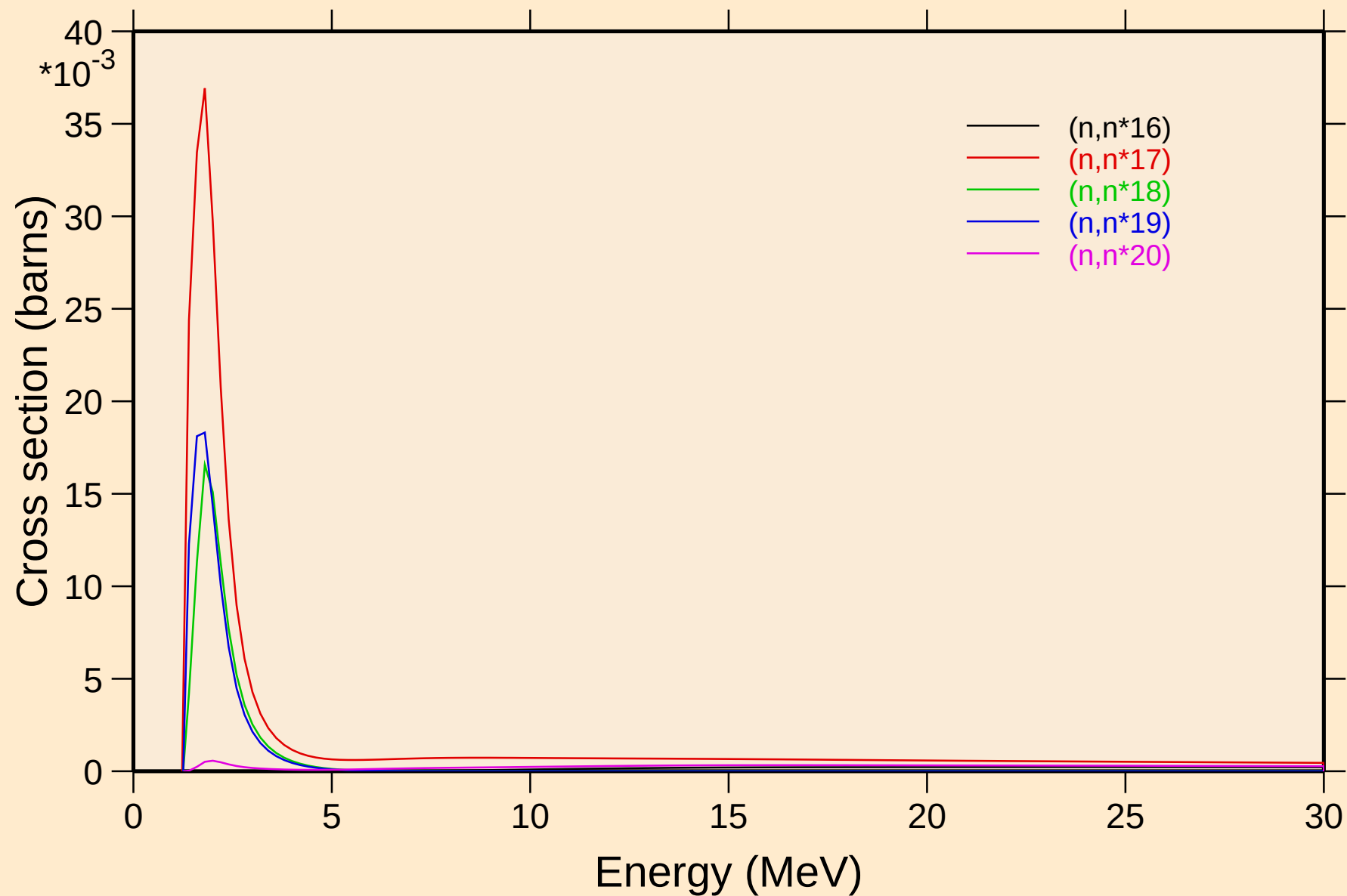
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



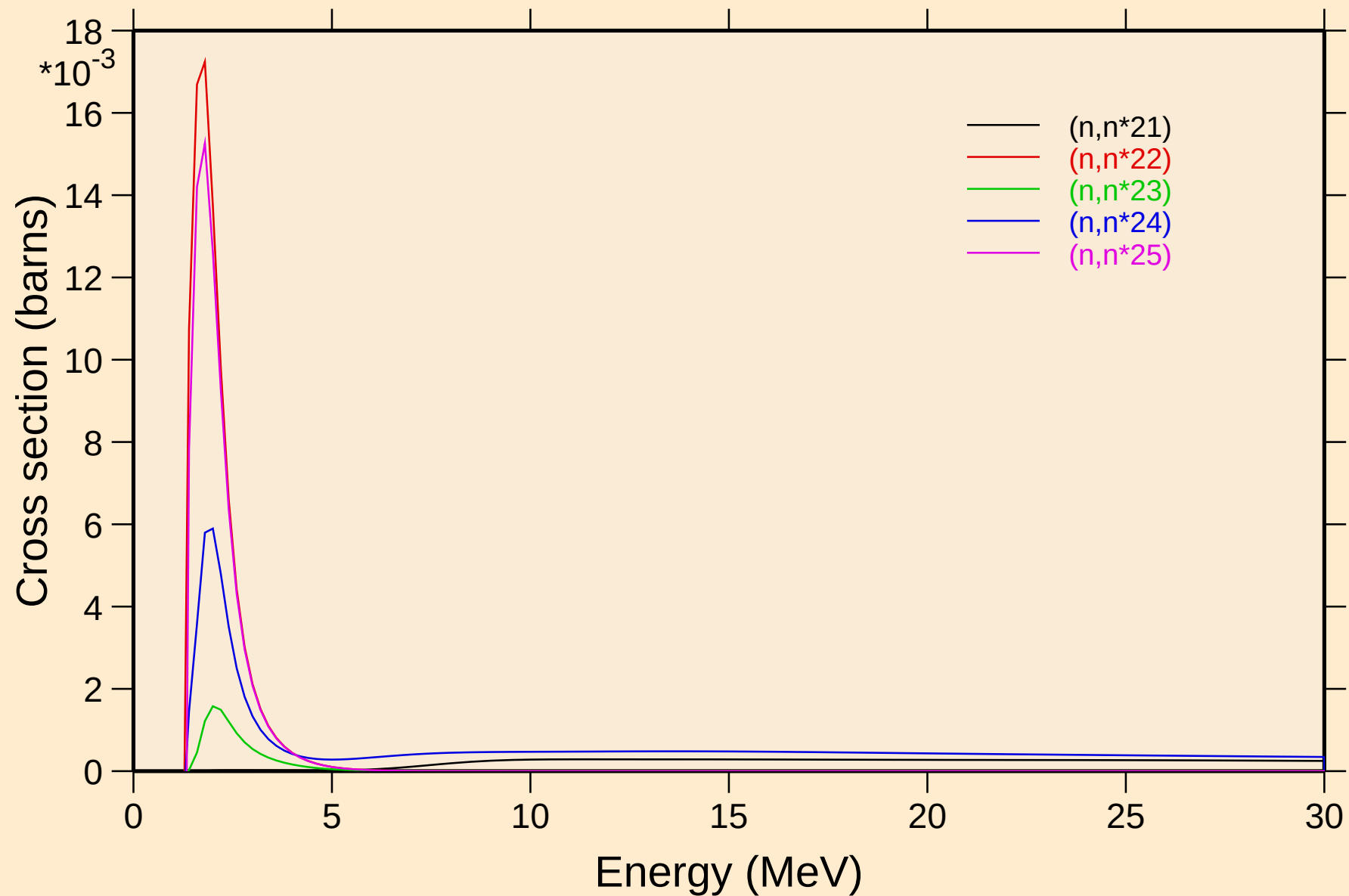
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels



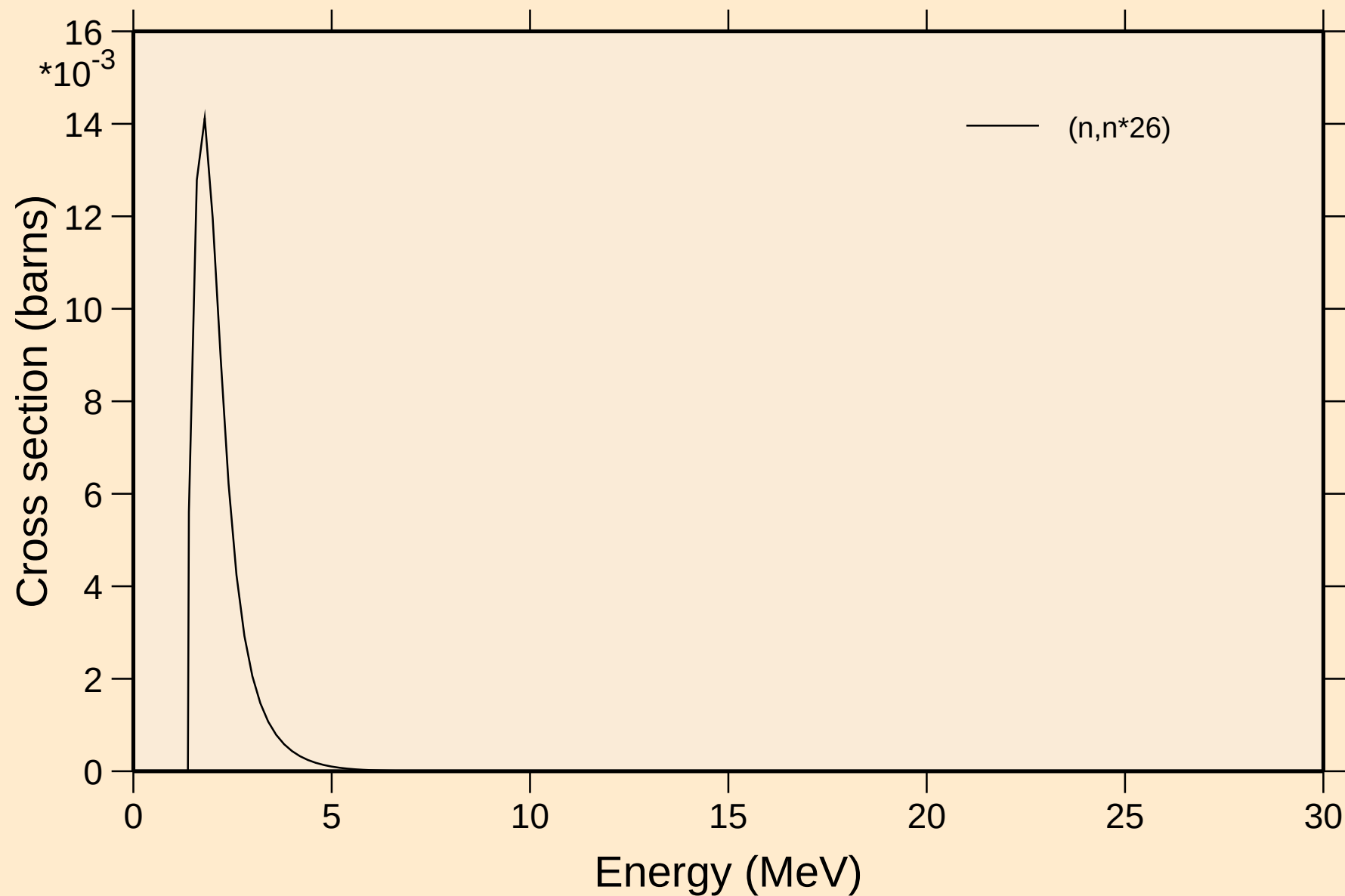
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Inelastic levels

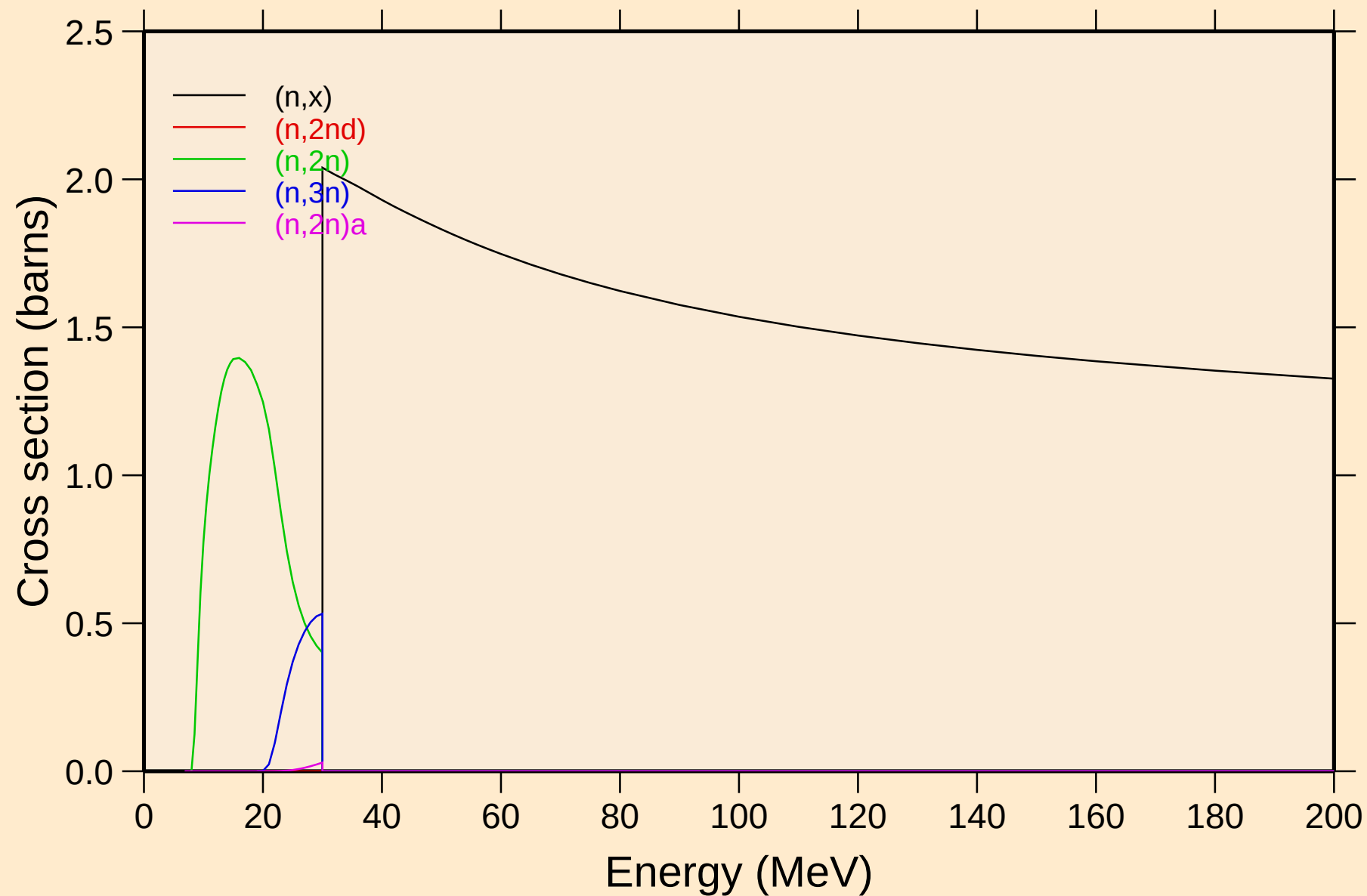


TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

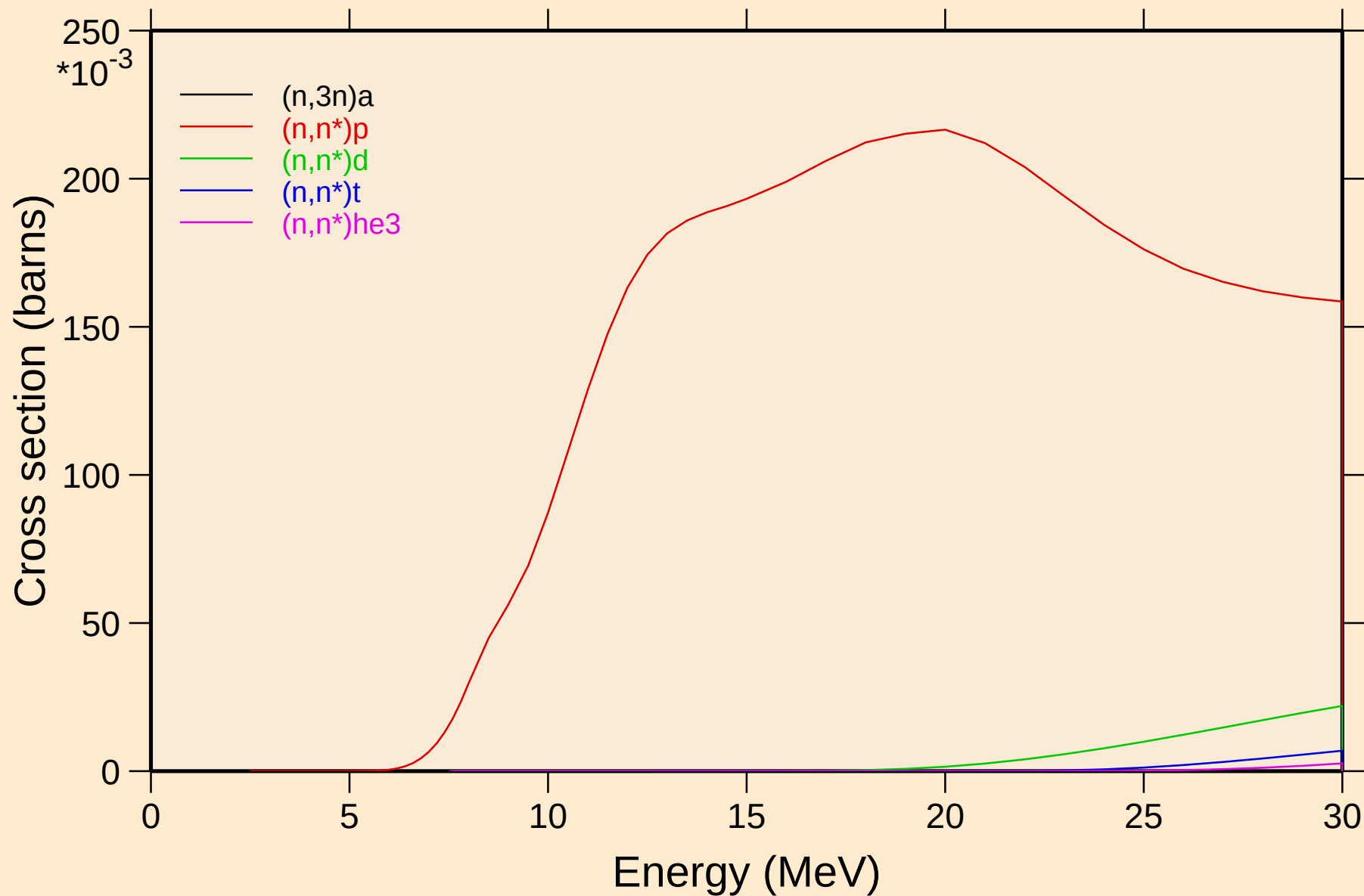
Inelastic levels



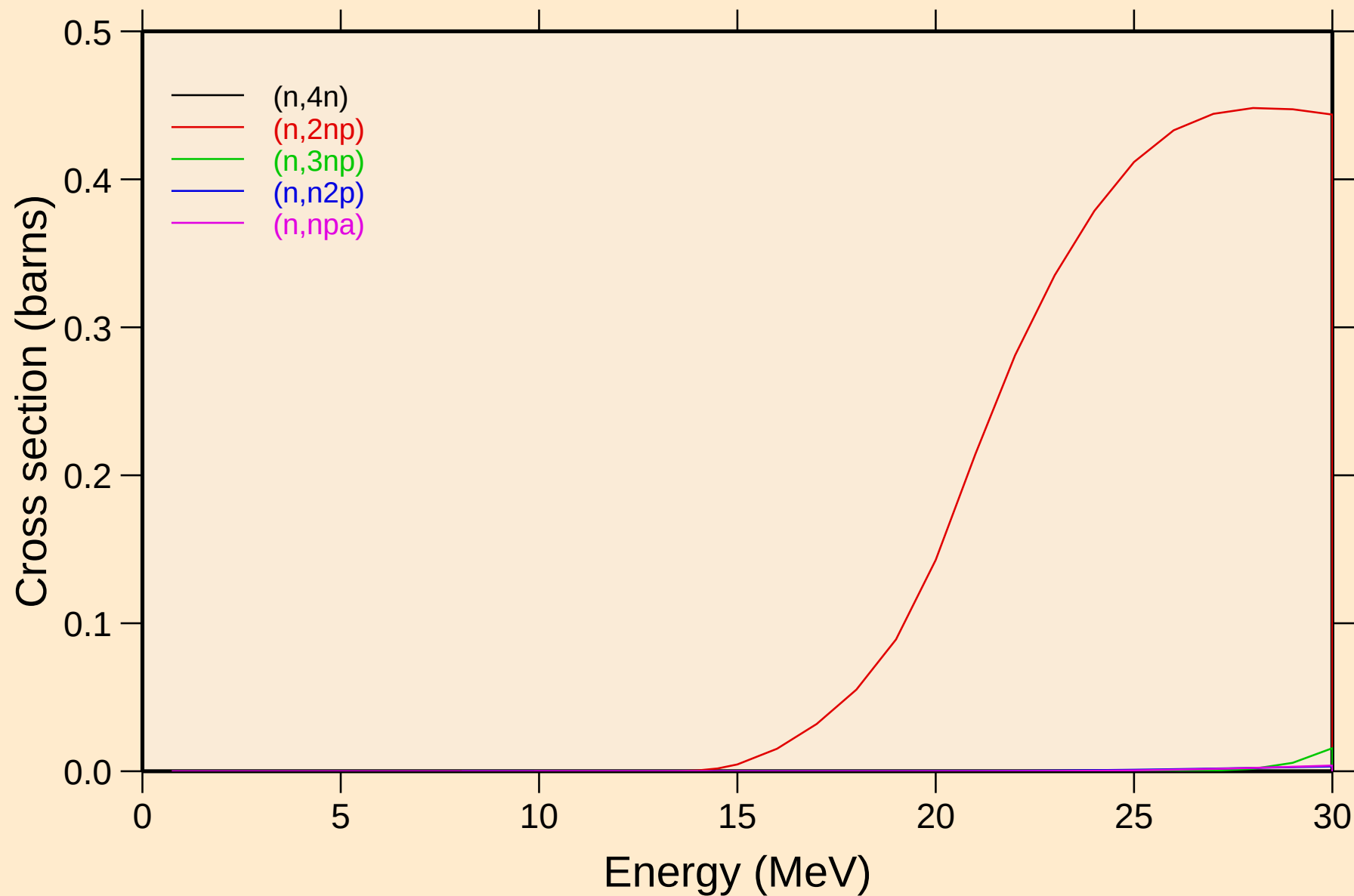
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



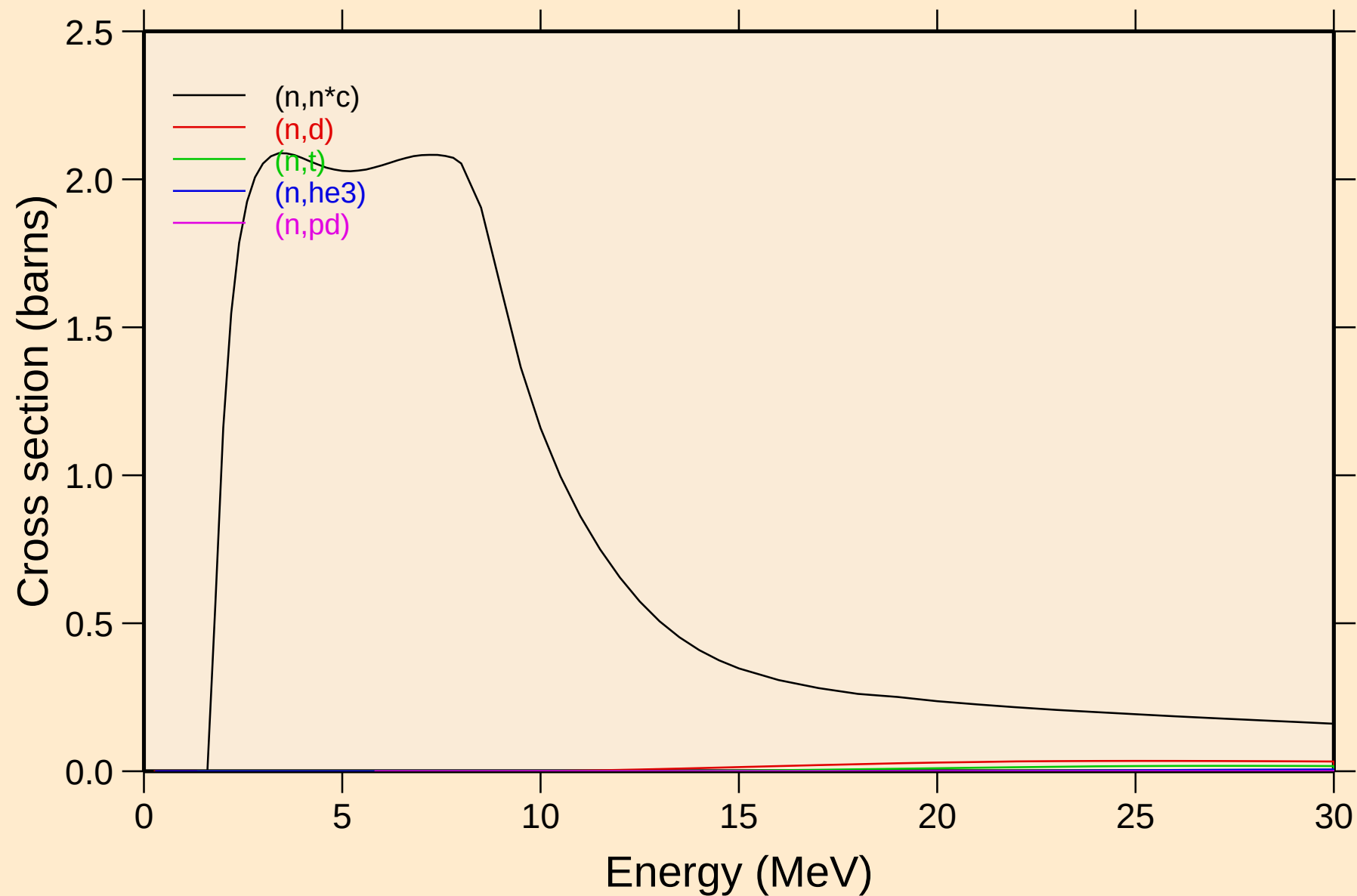
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



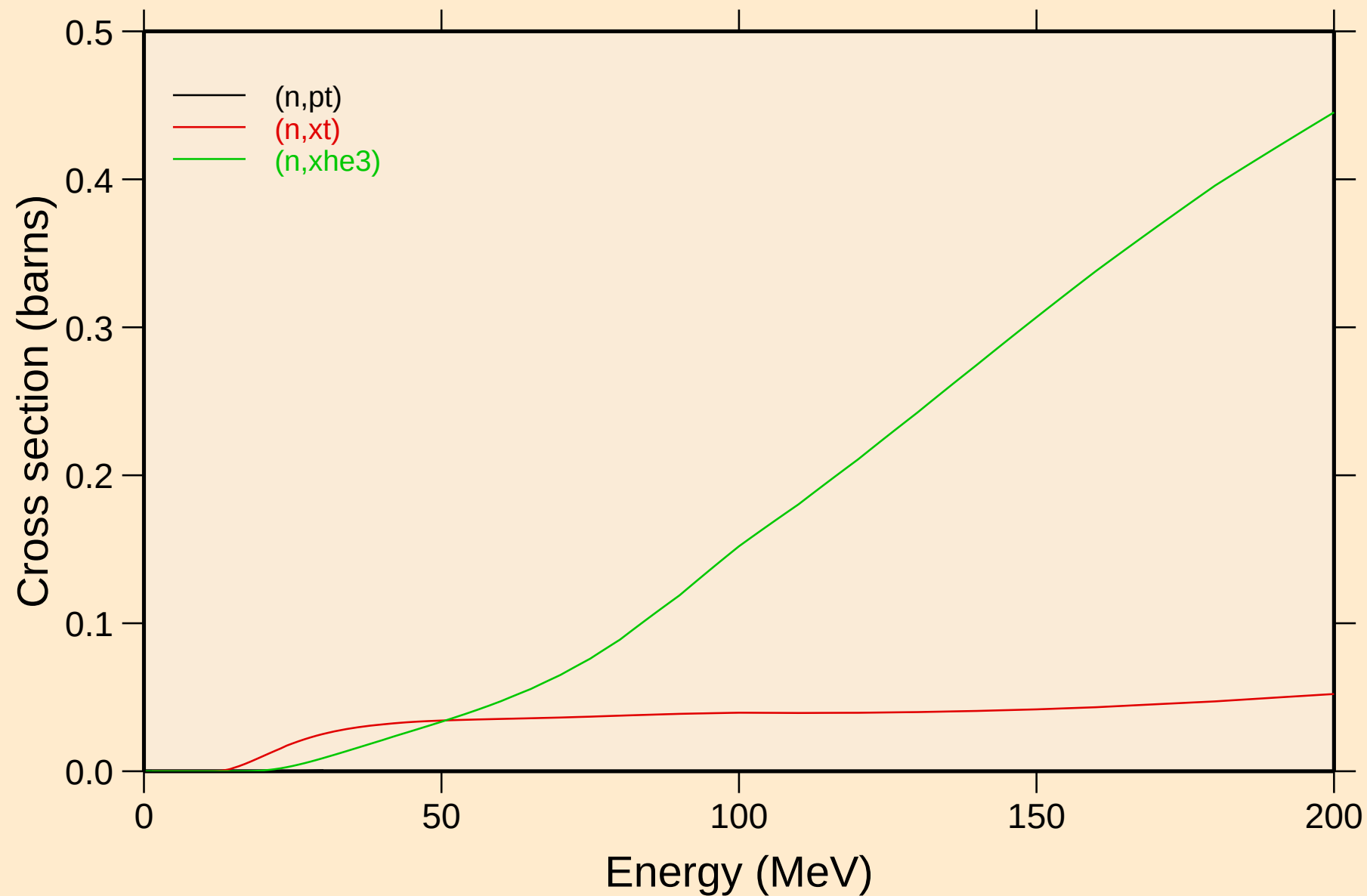
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



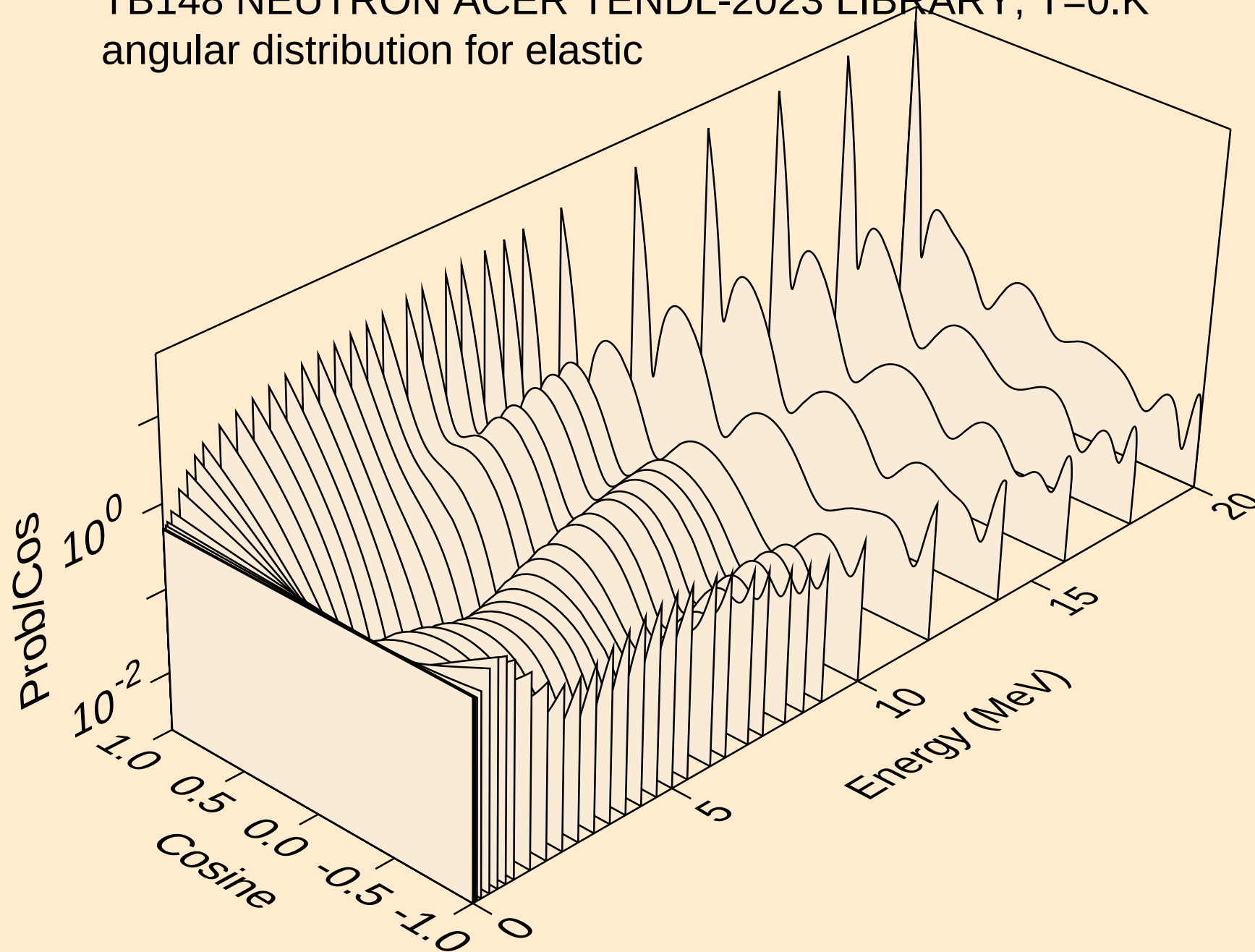
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



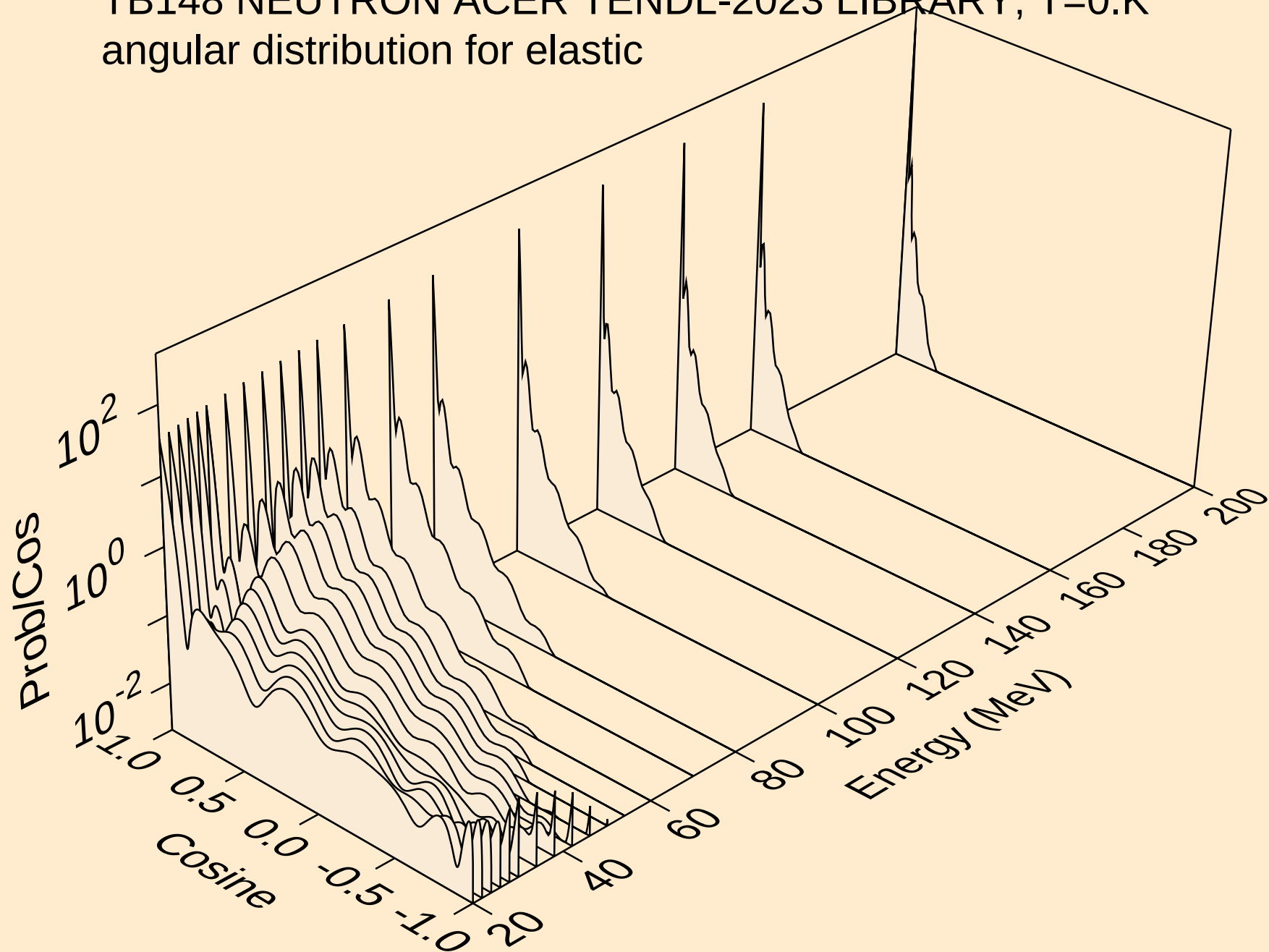
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



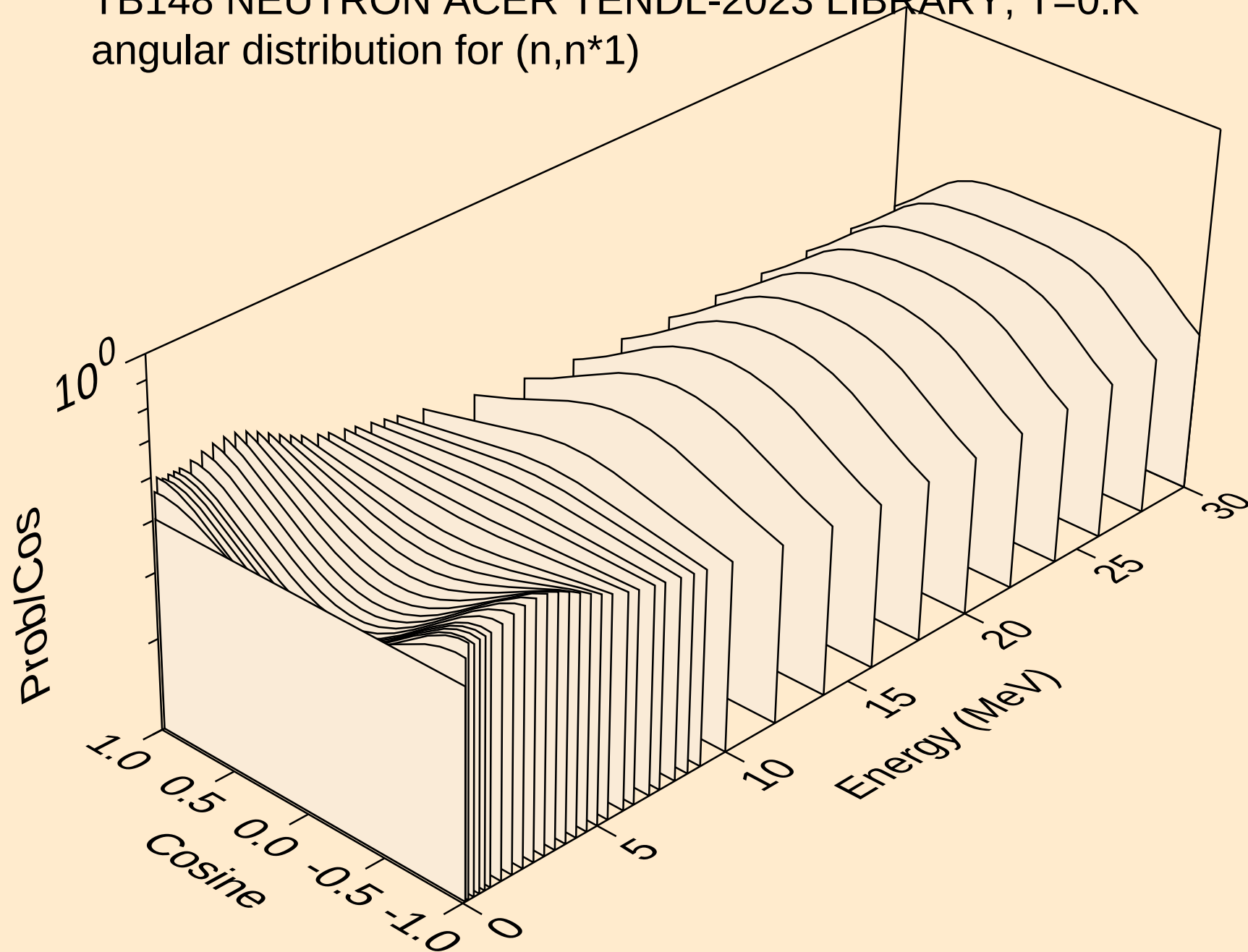
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



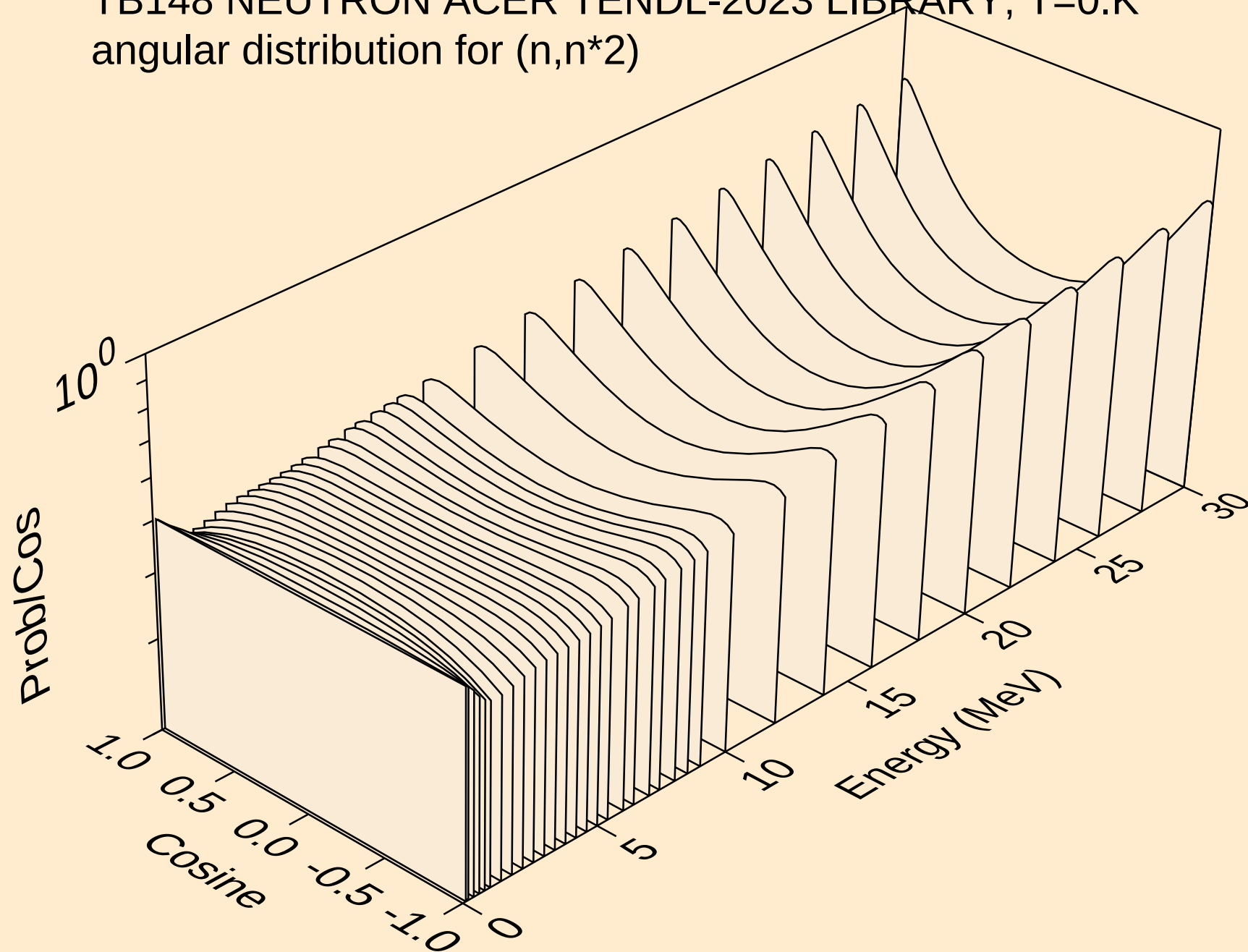
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



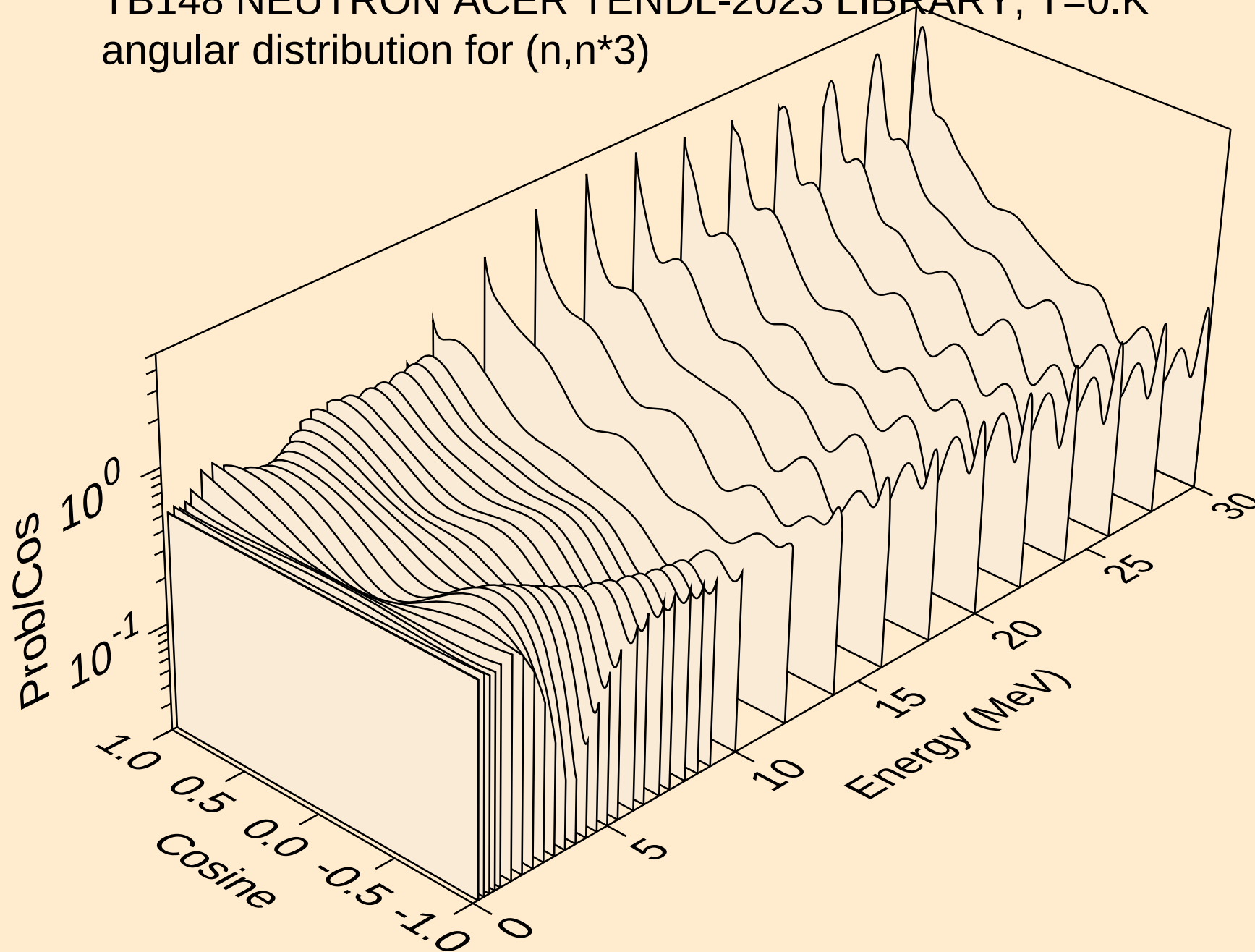
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



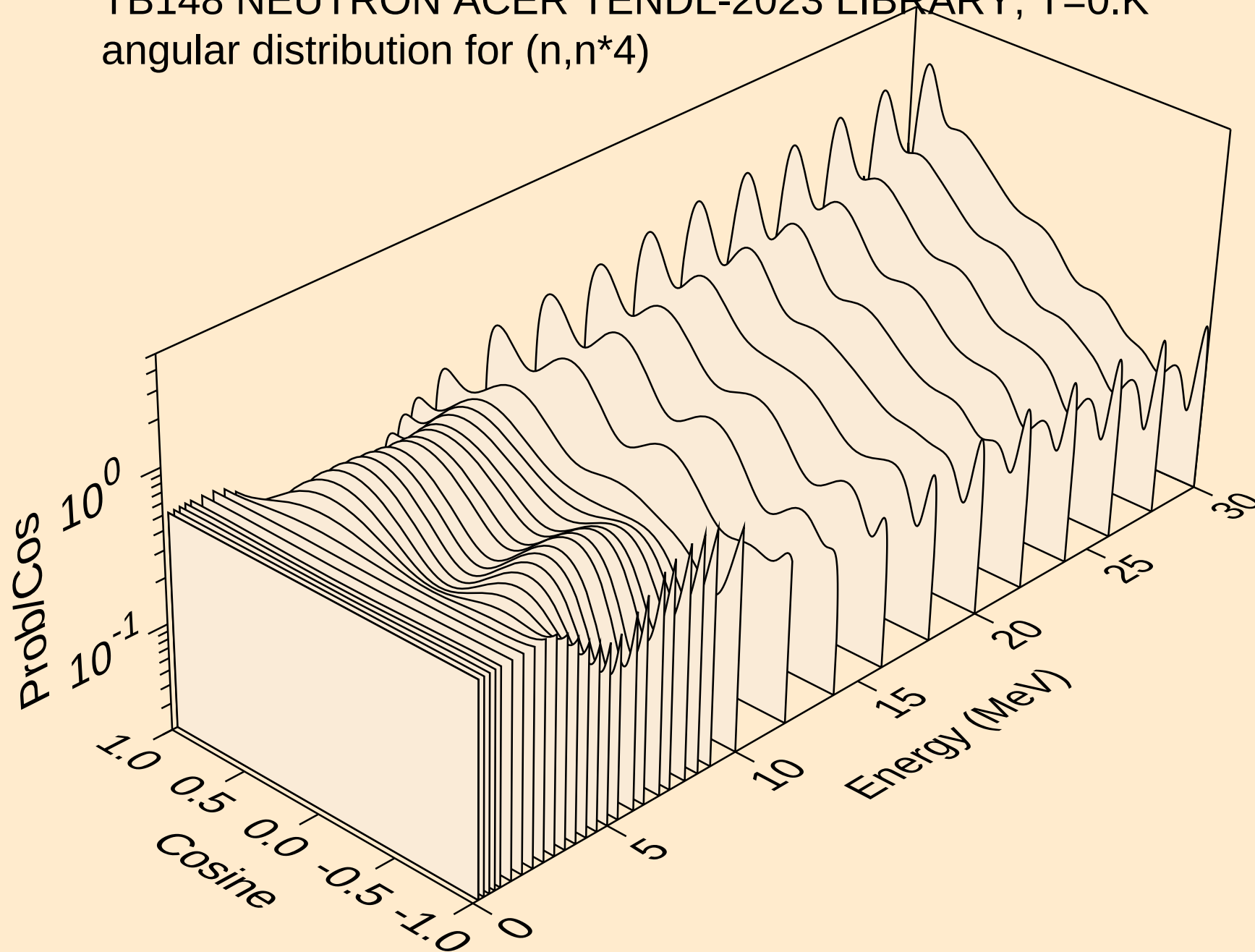
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



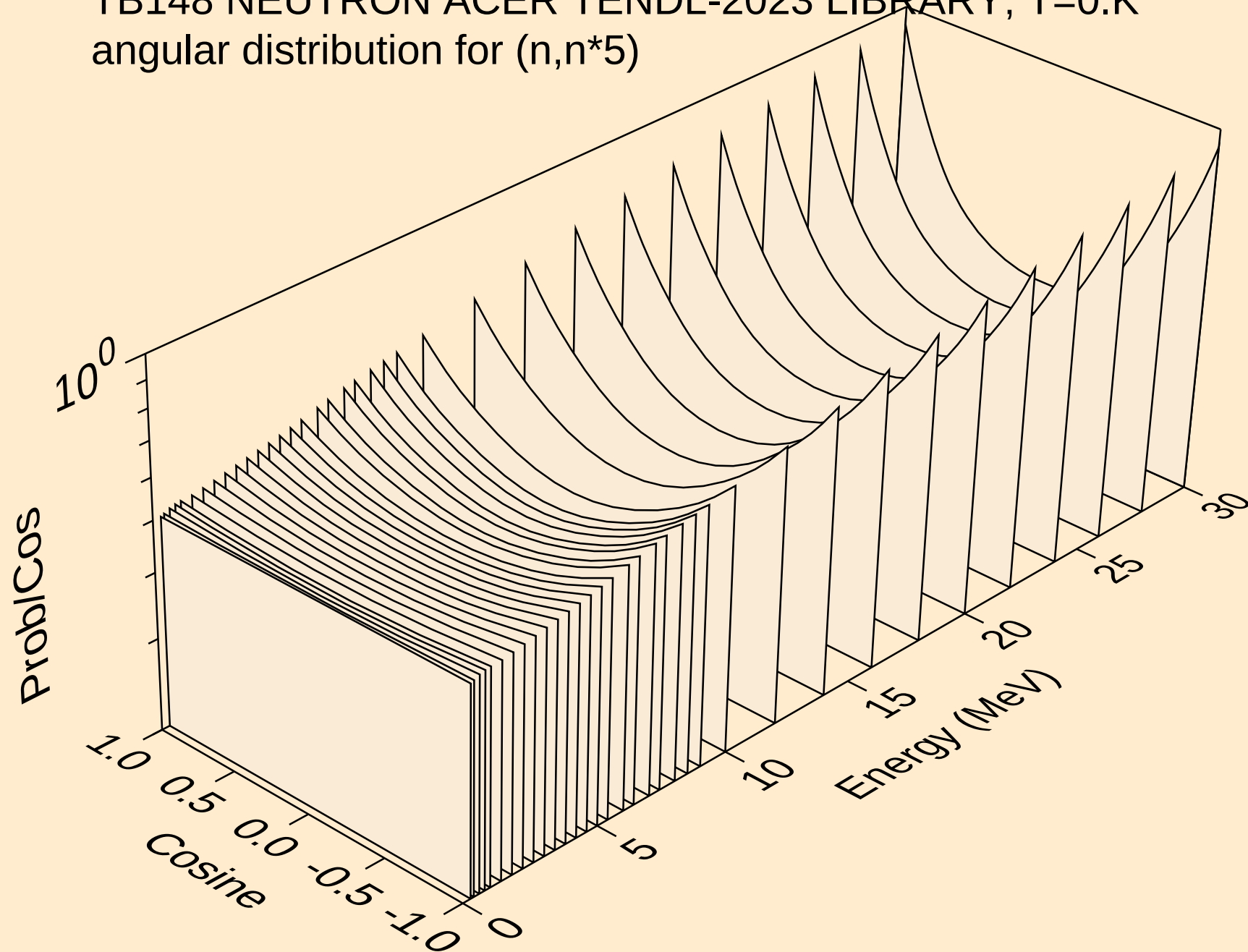
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



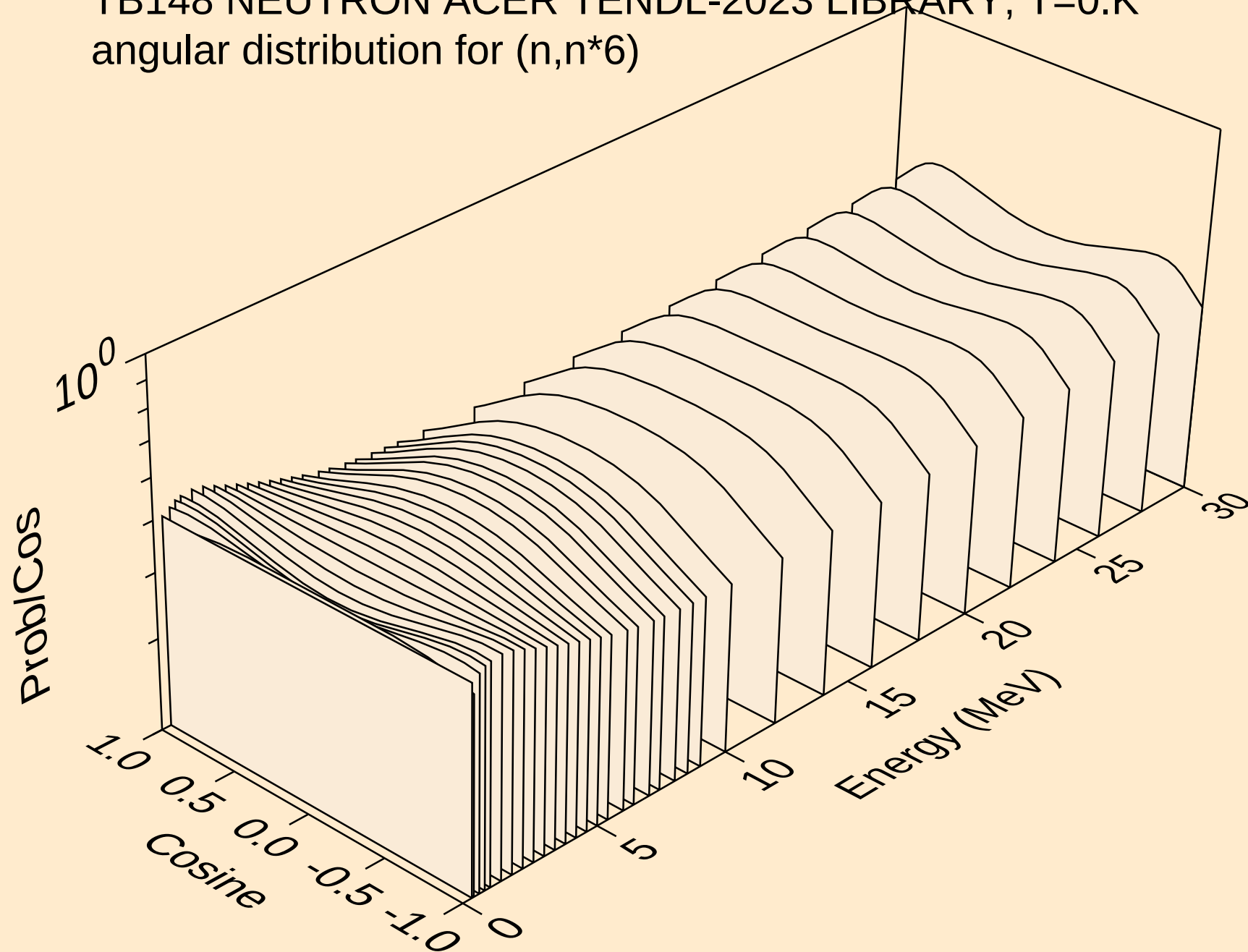
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



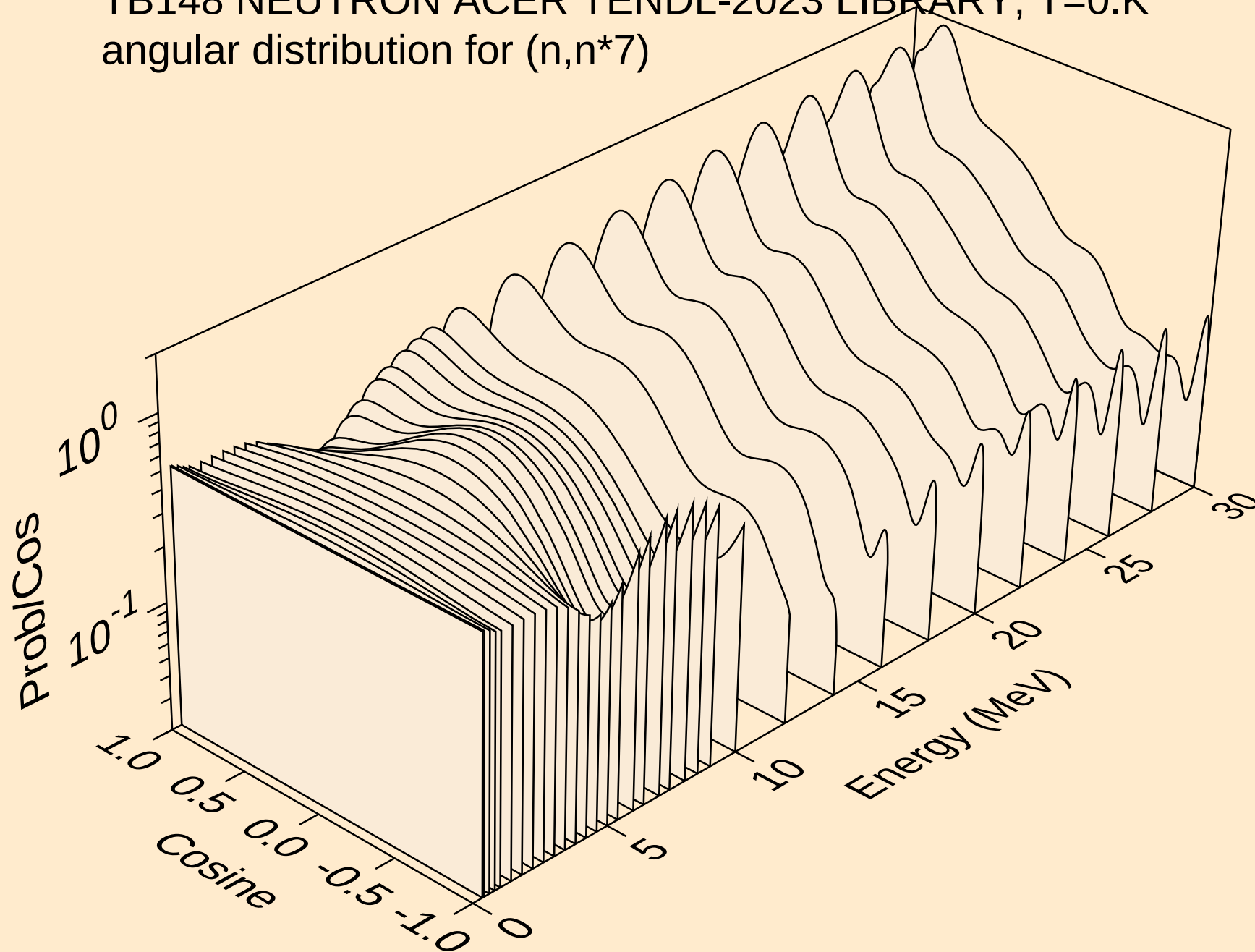
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



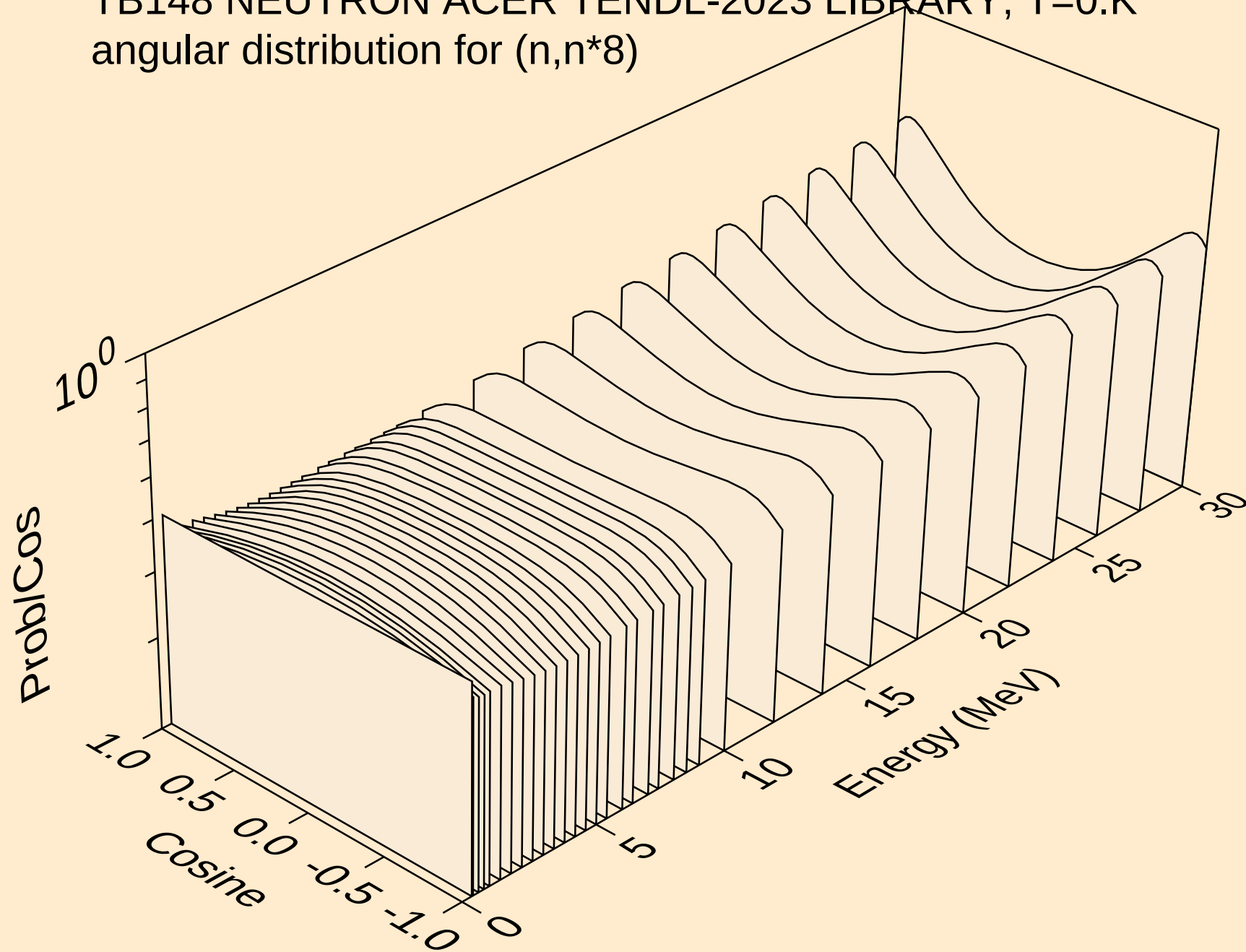
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



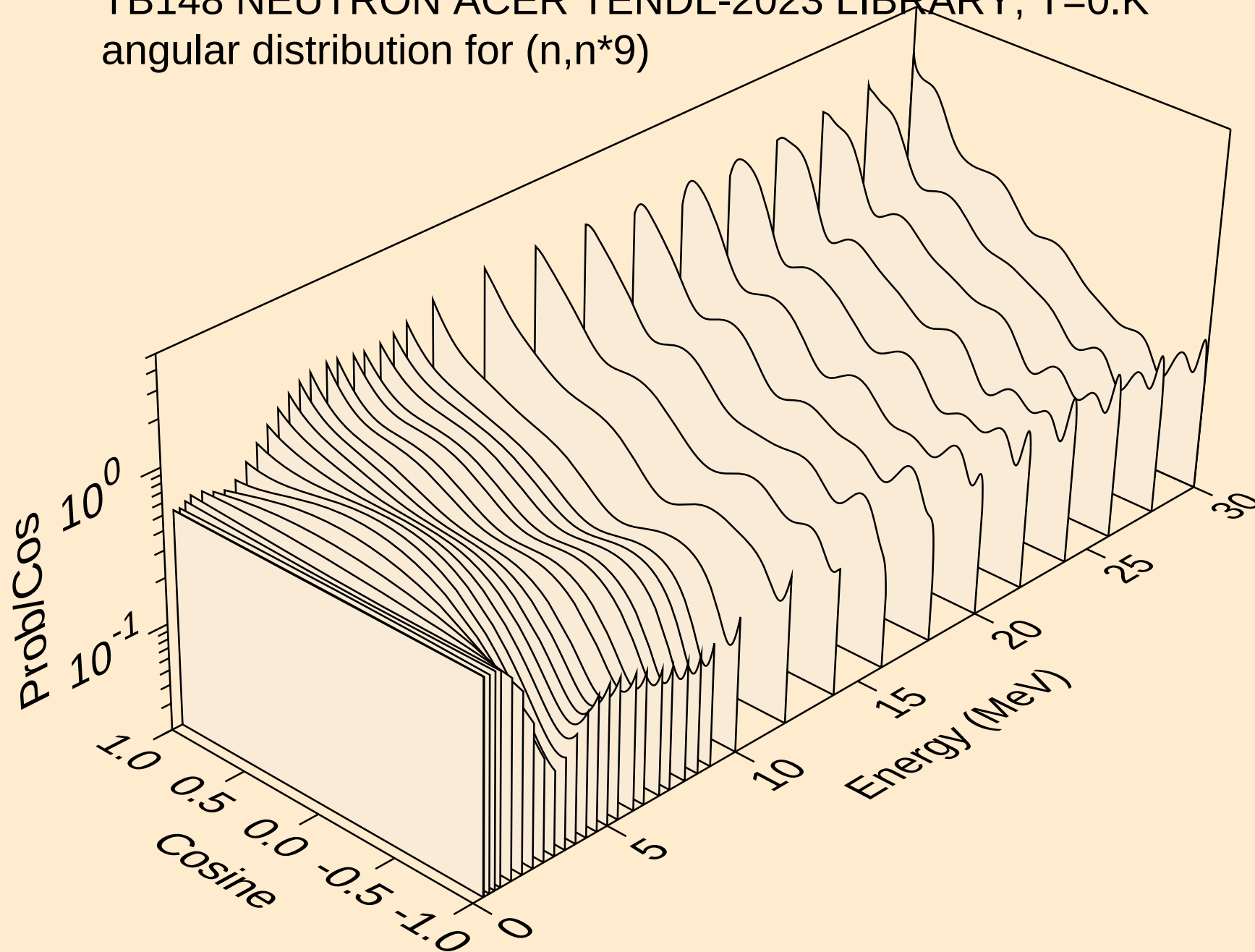
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



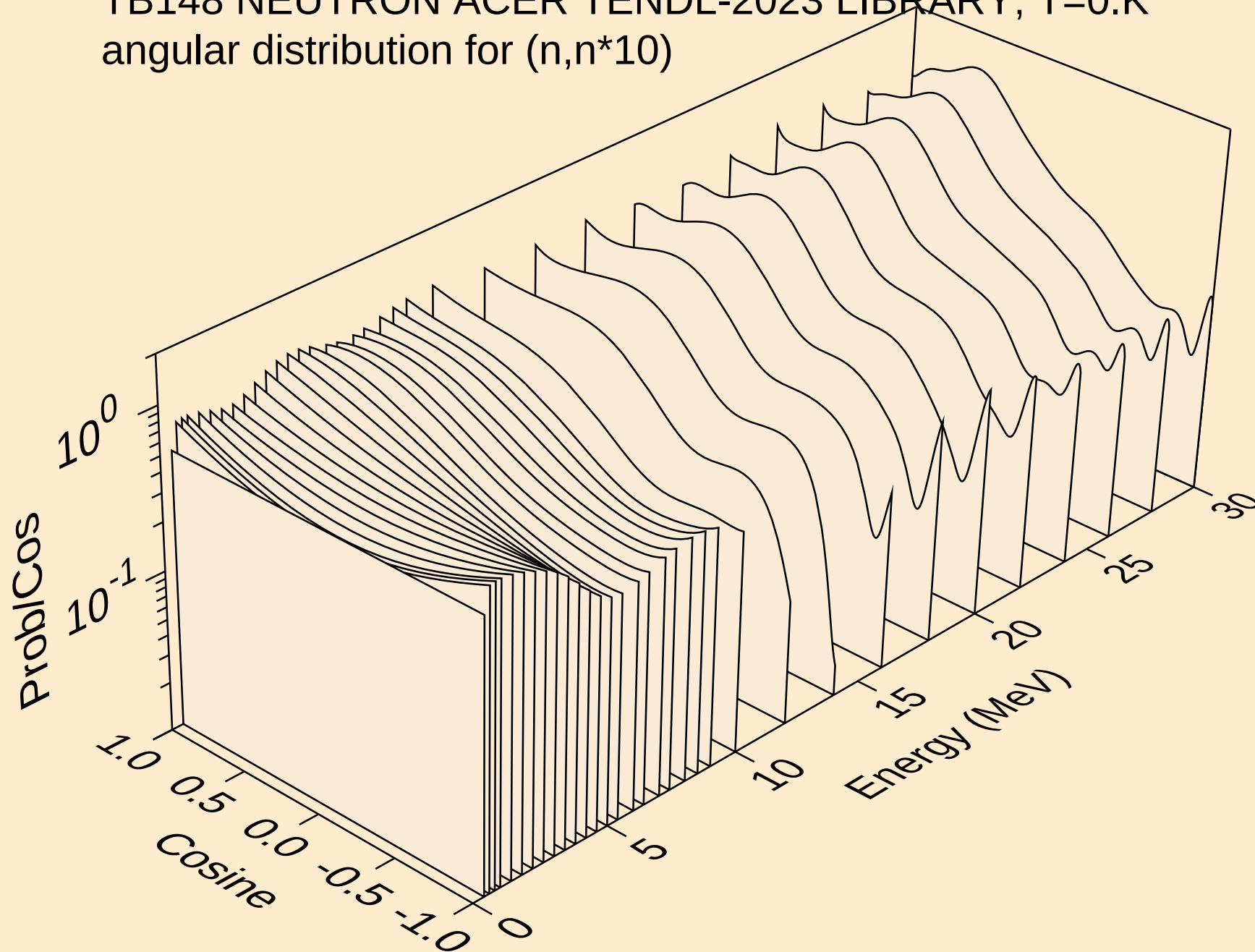
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



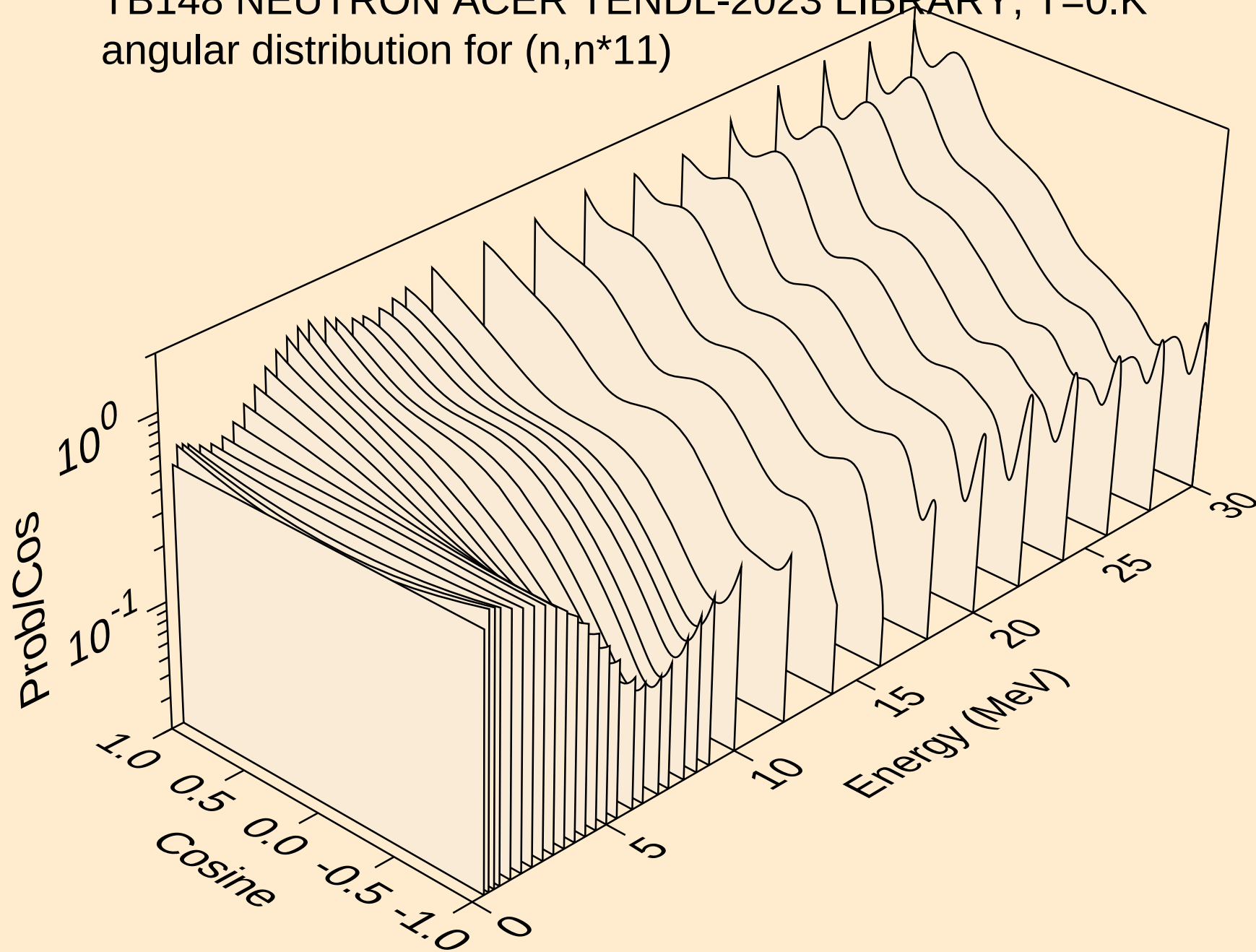
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



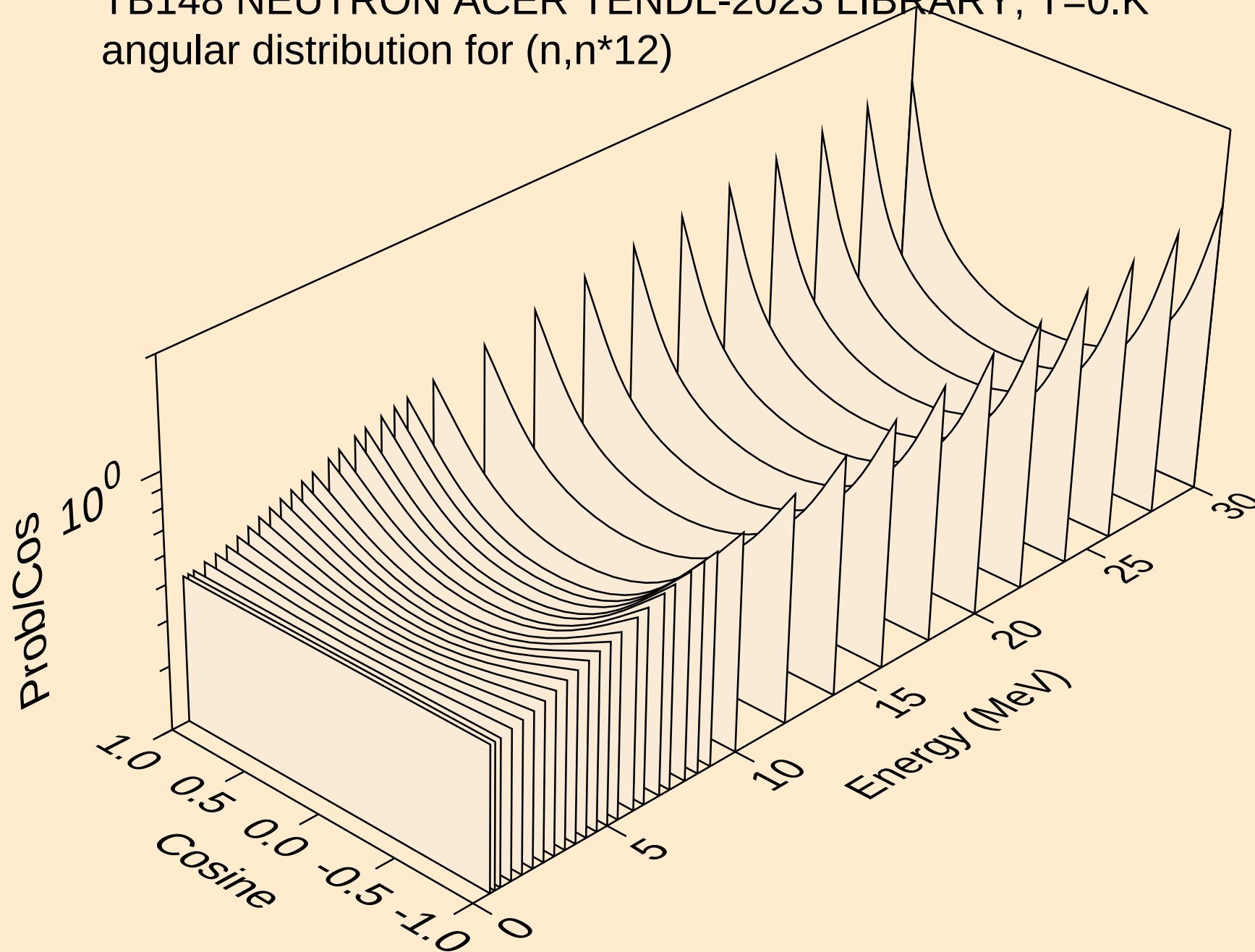
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



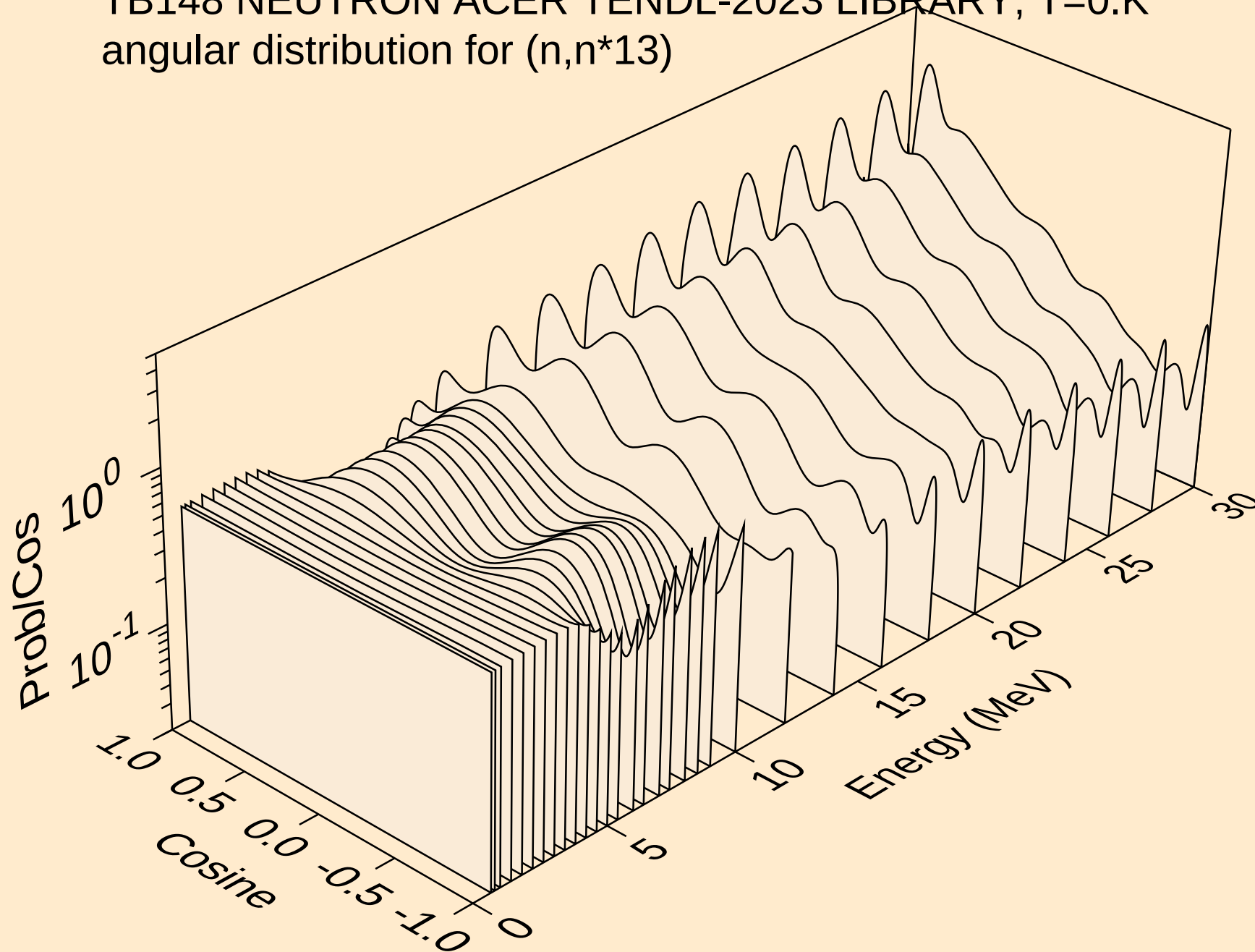
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



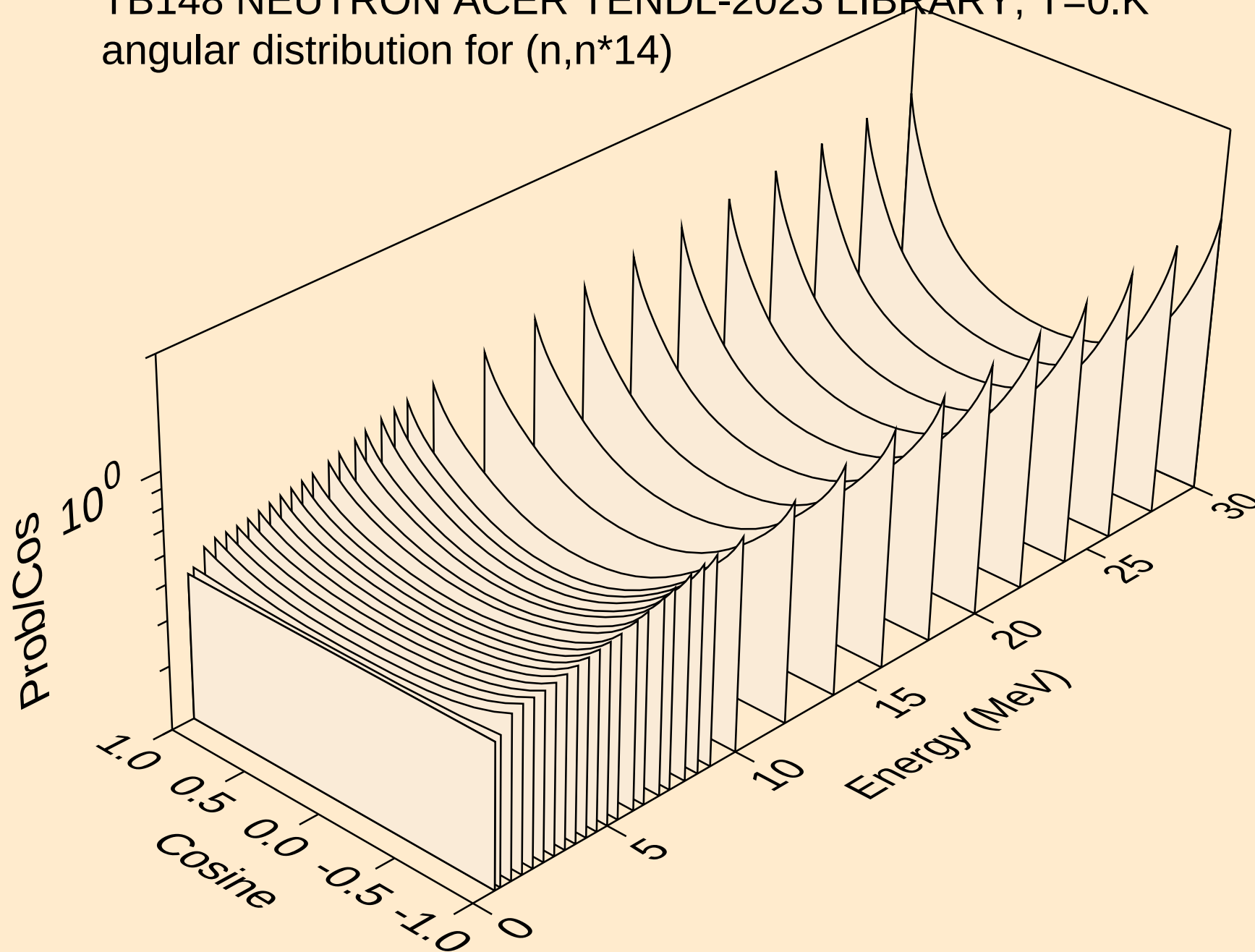
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



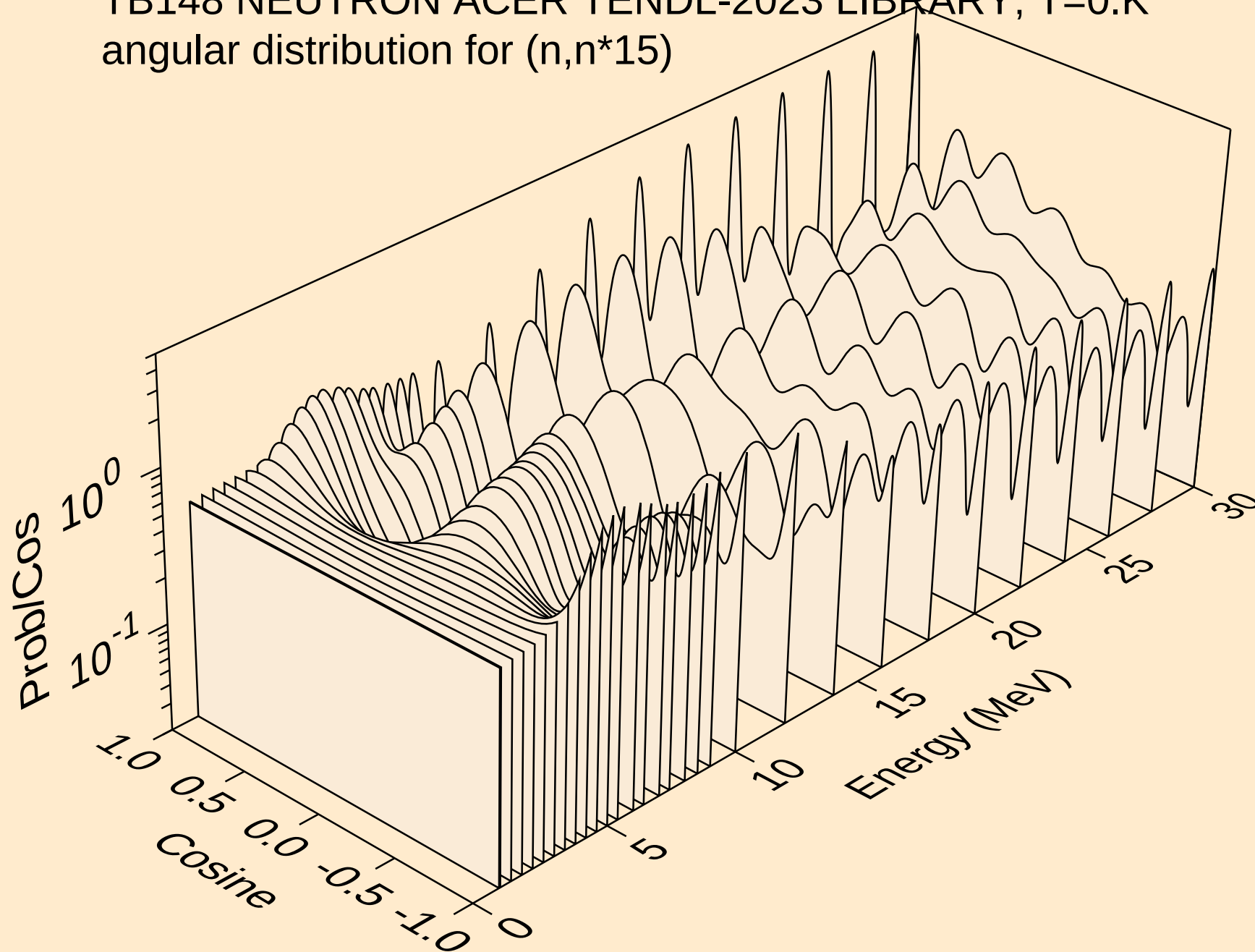
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



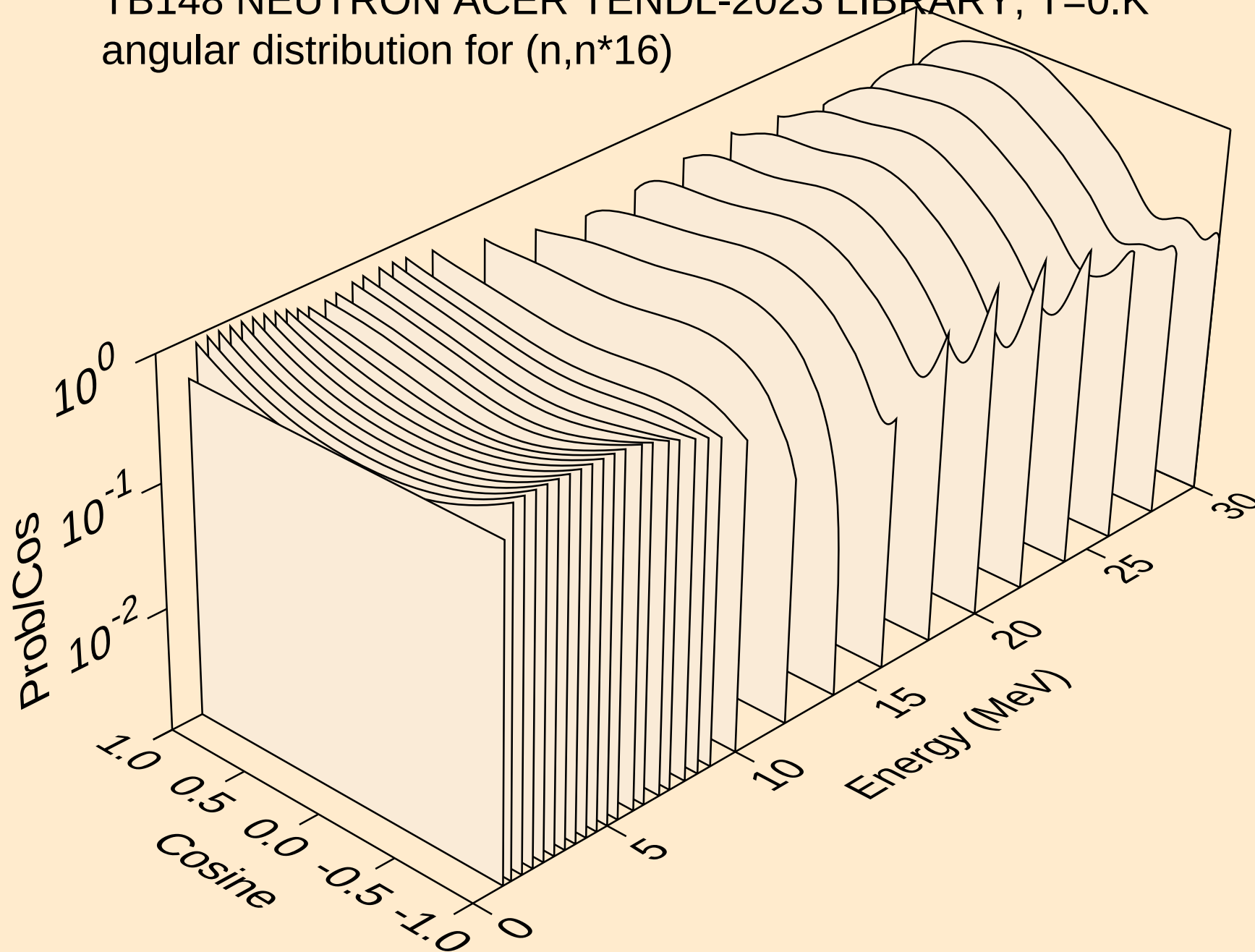
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



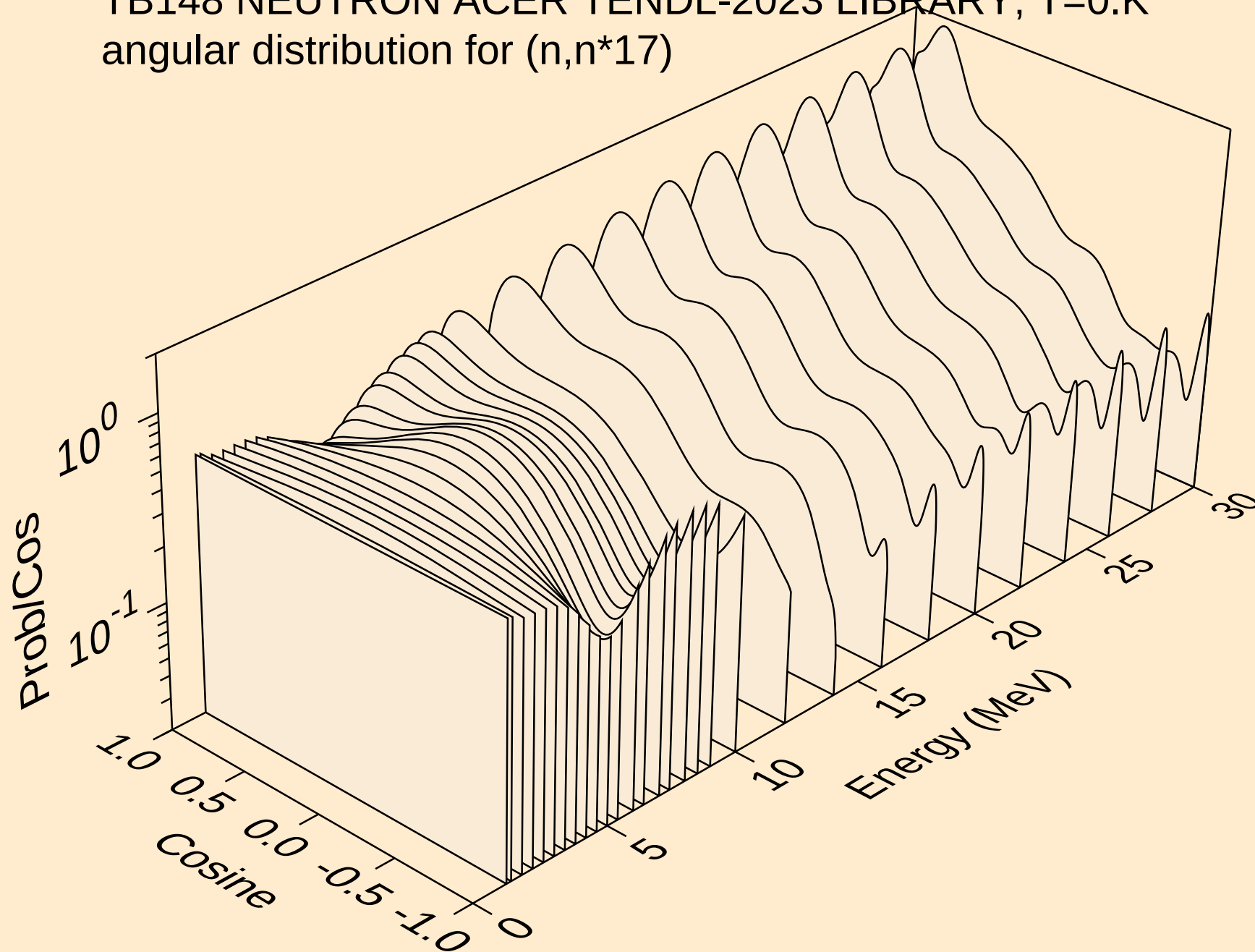
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



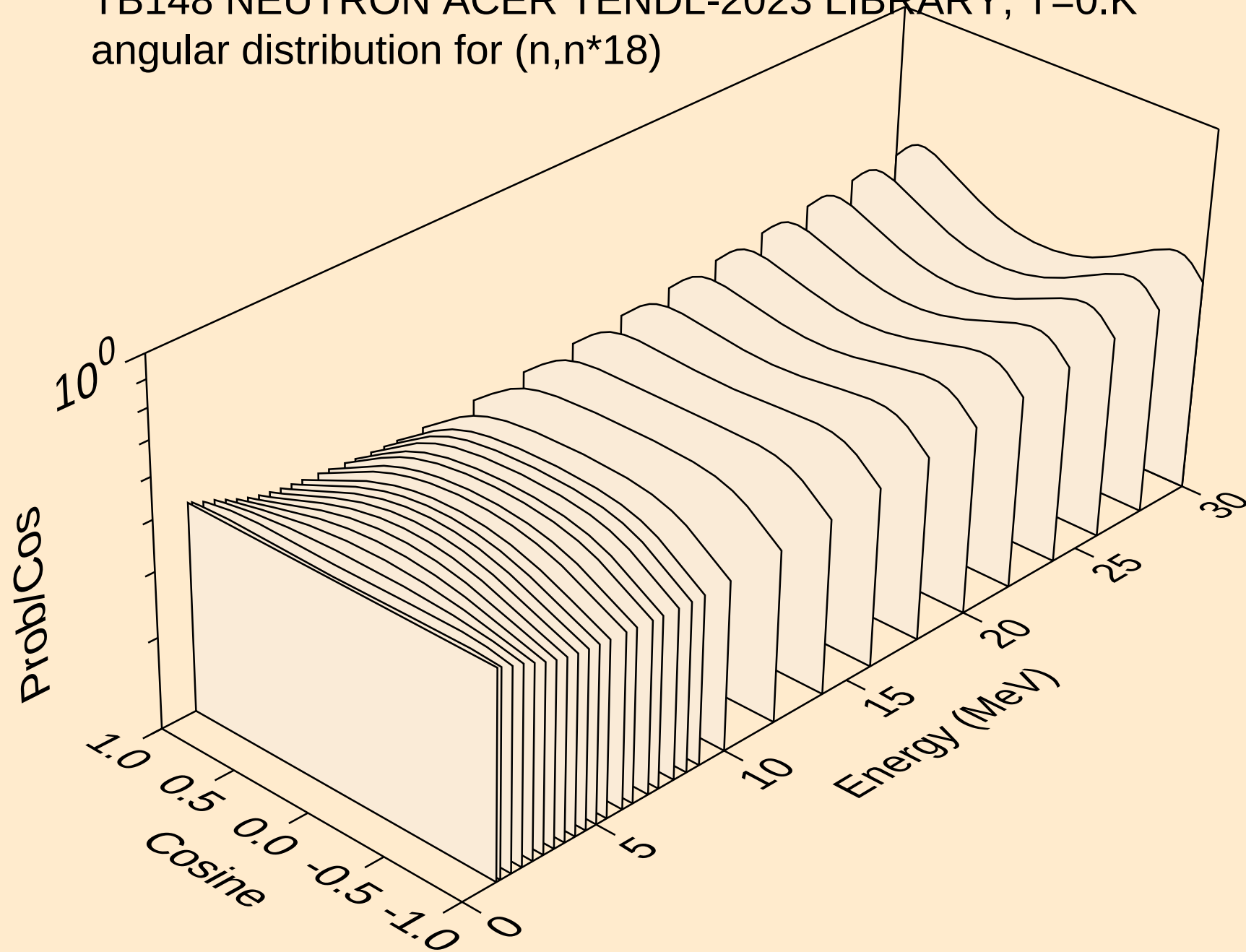
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



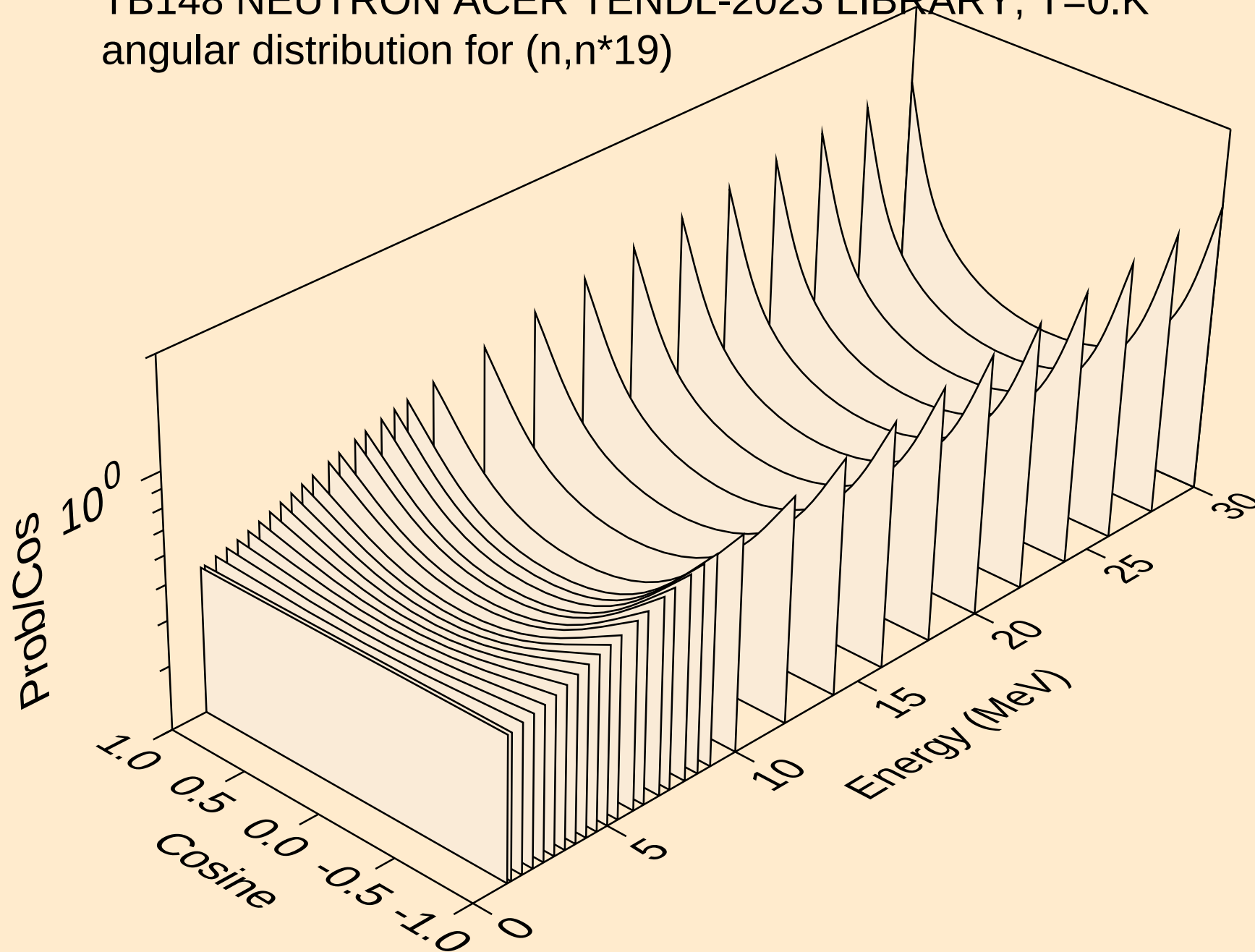
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*17)



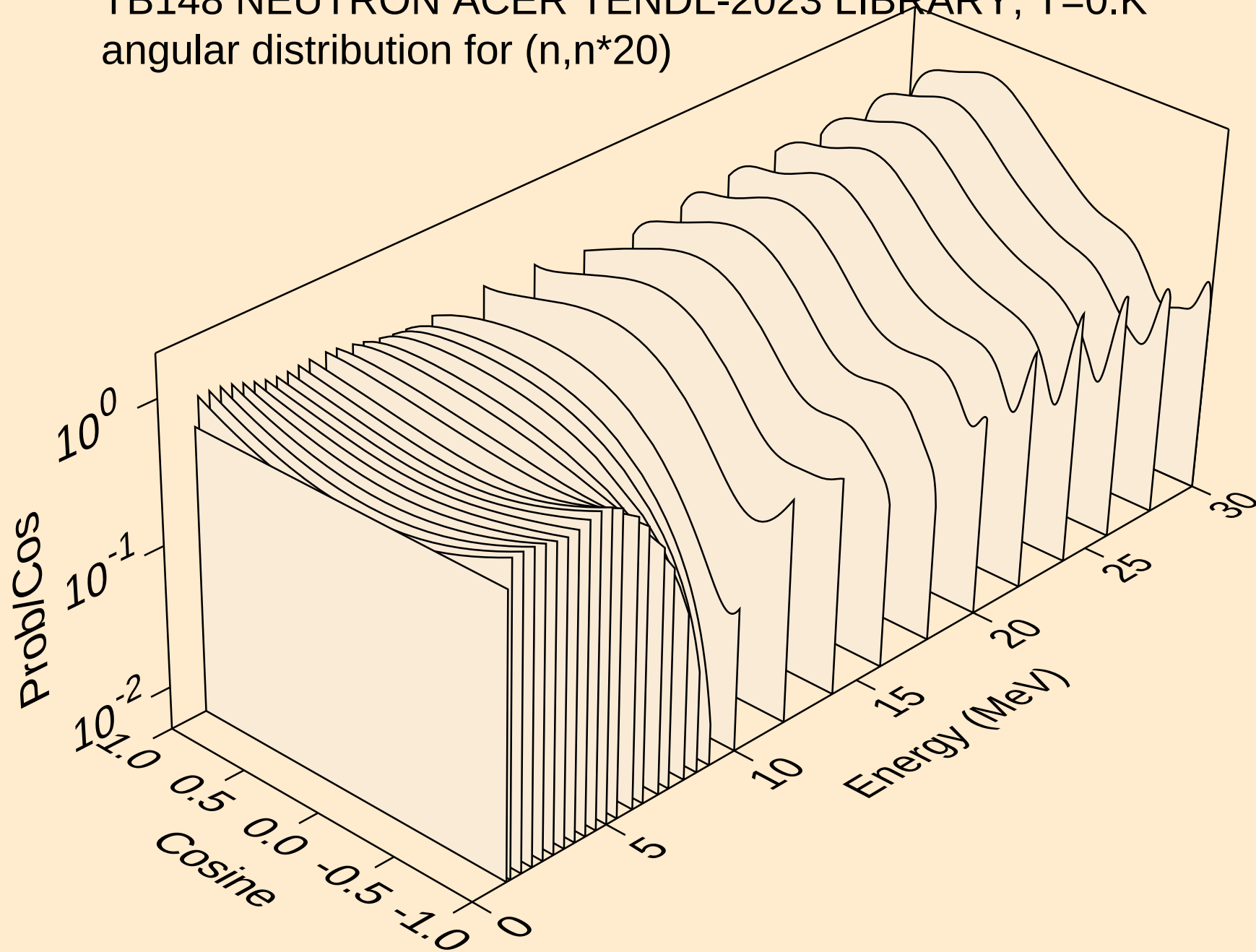
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*18)



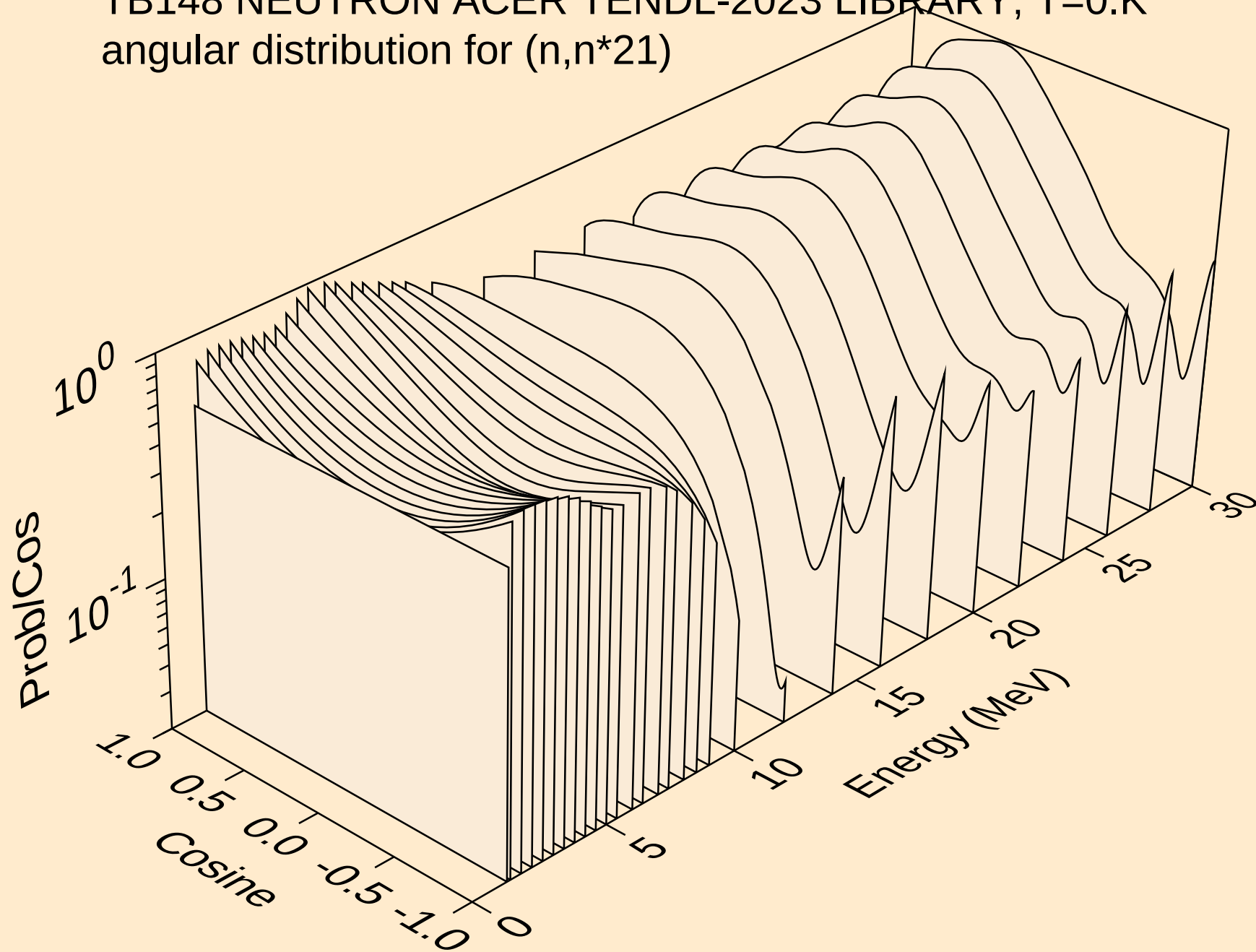
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*19)



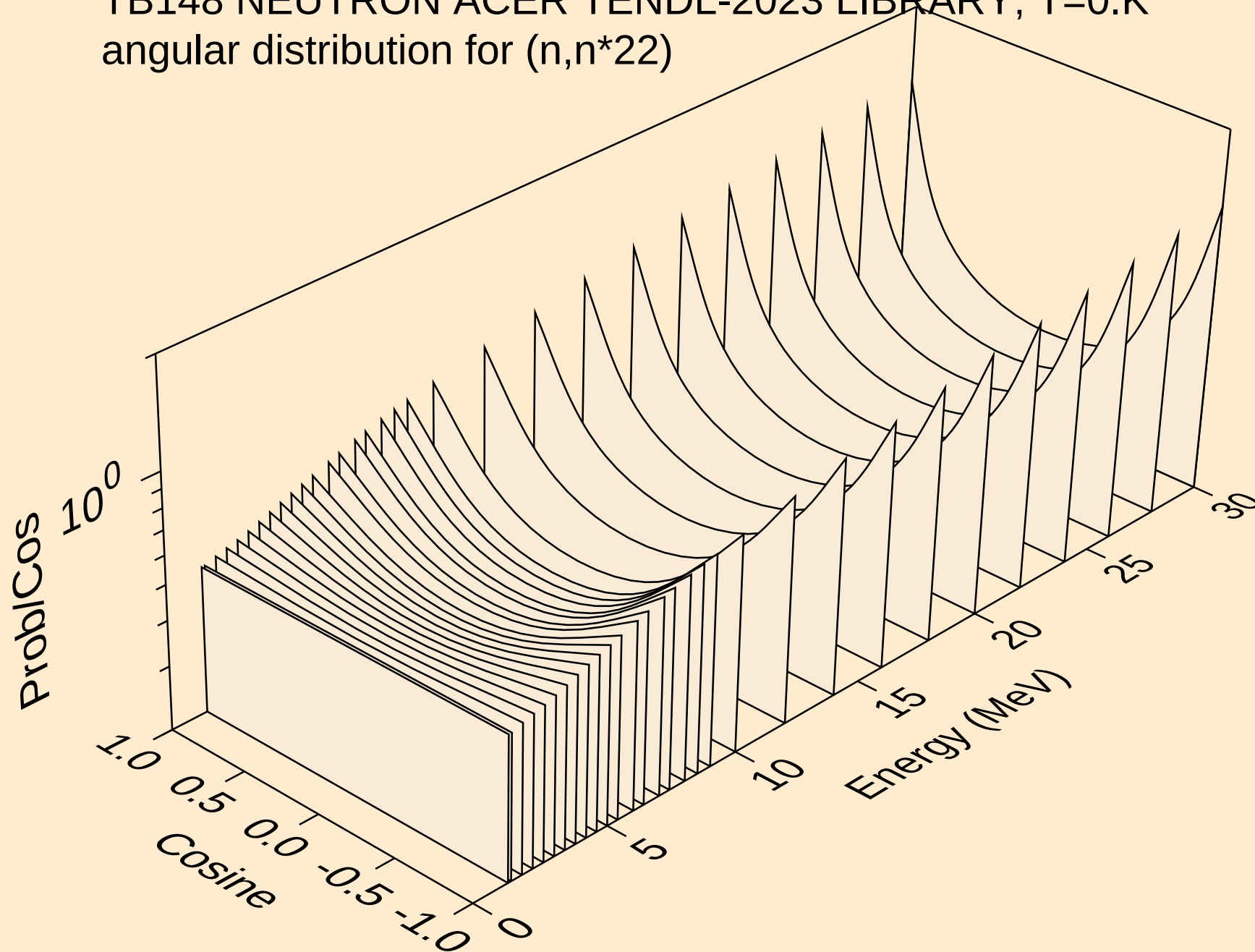
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*20)



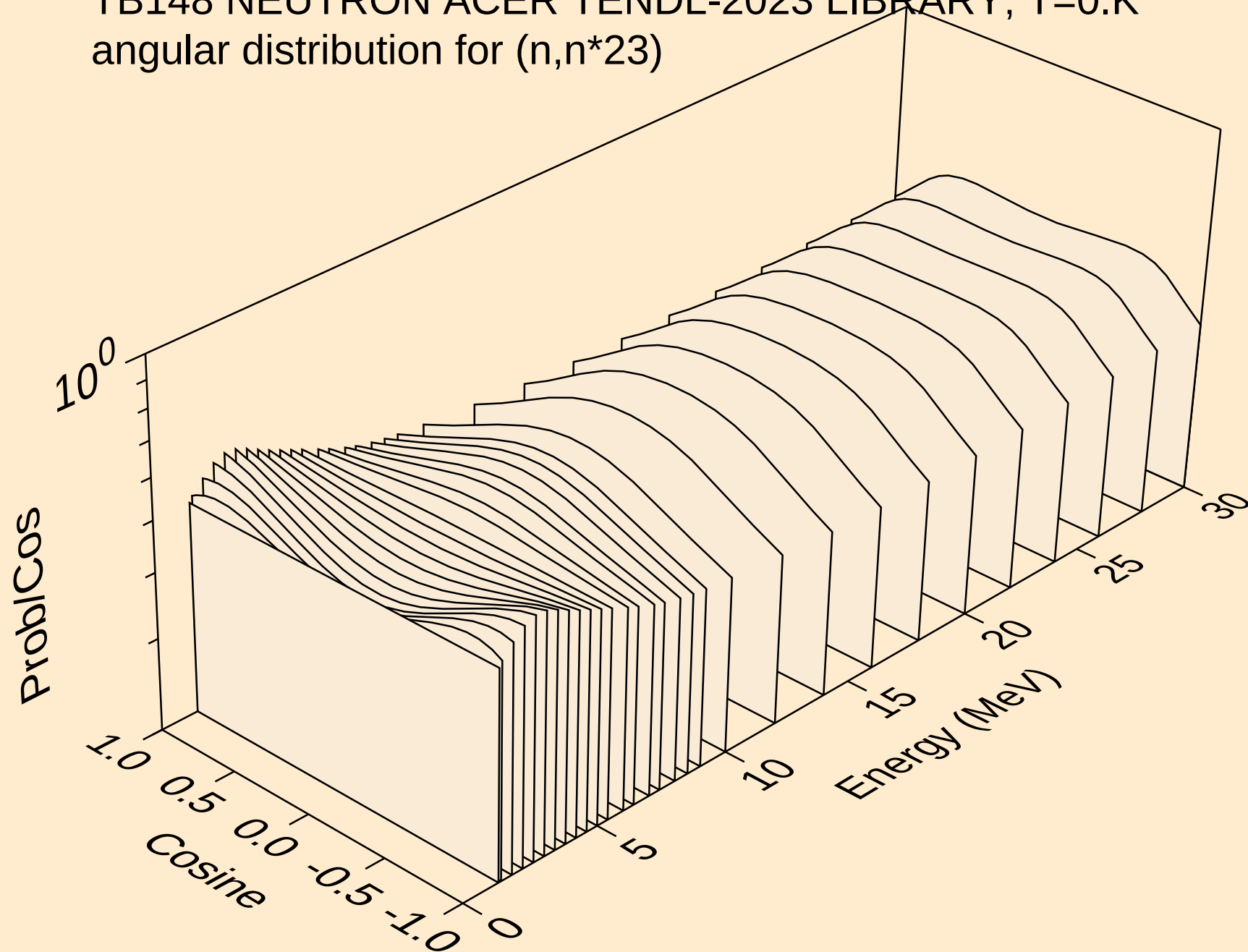
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*21)



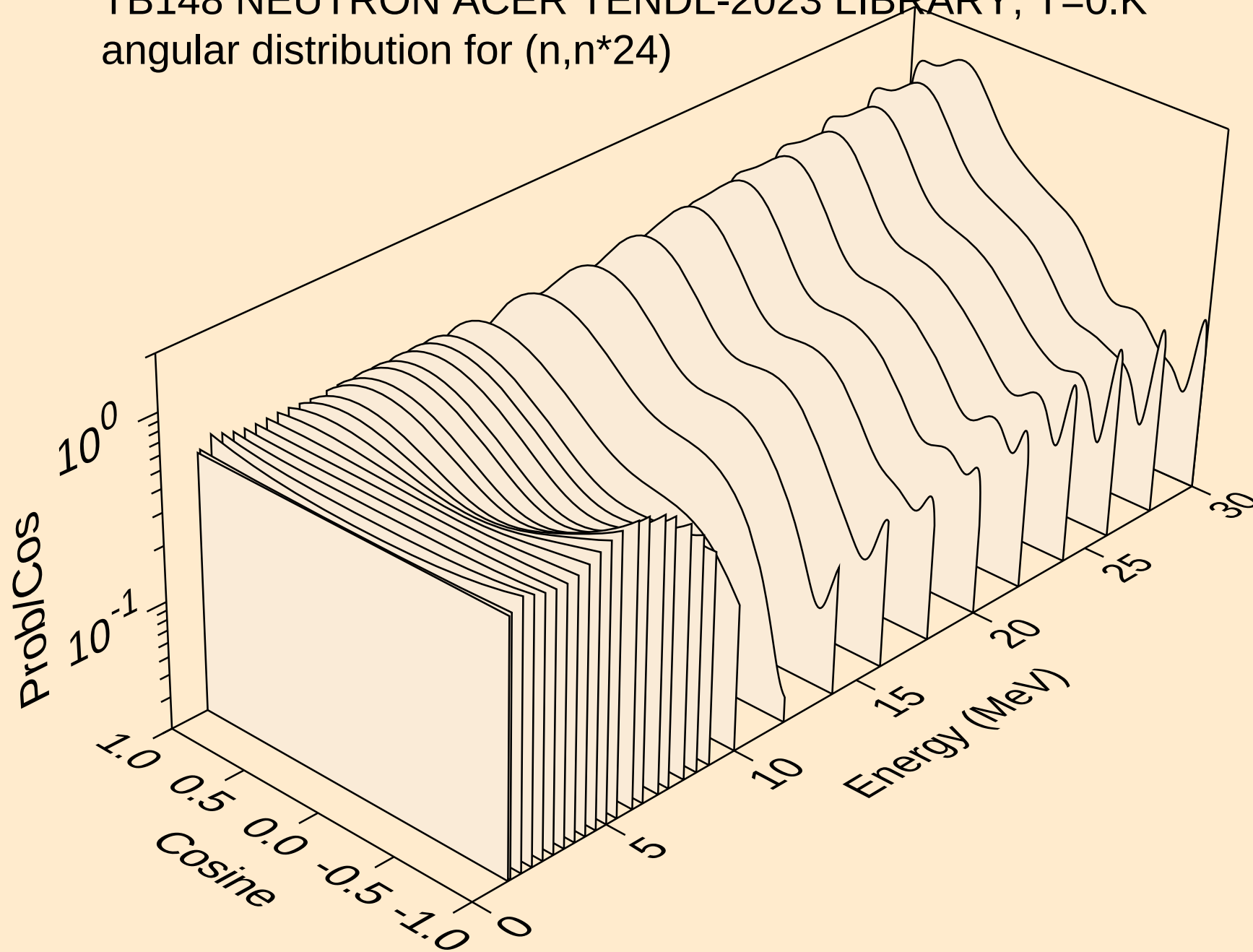
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*22)



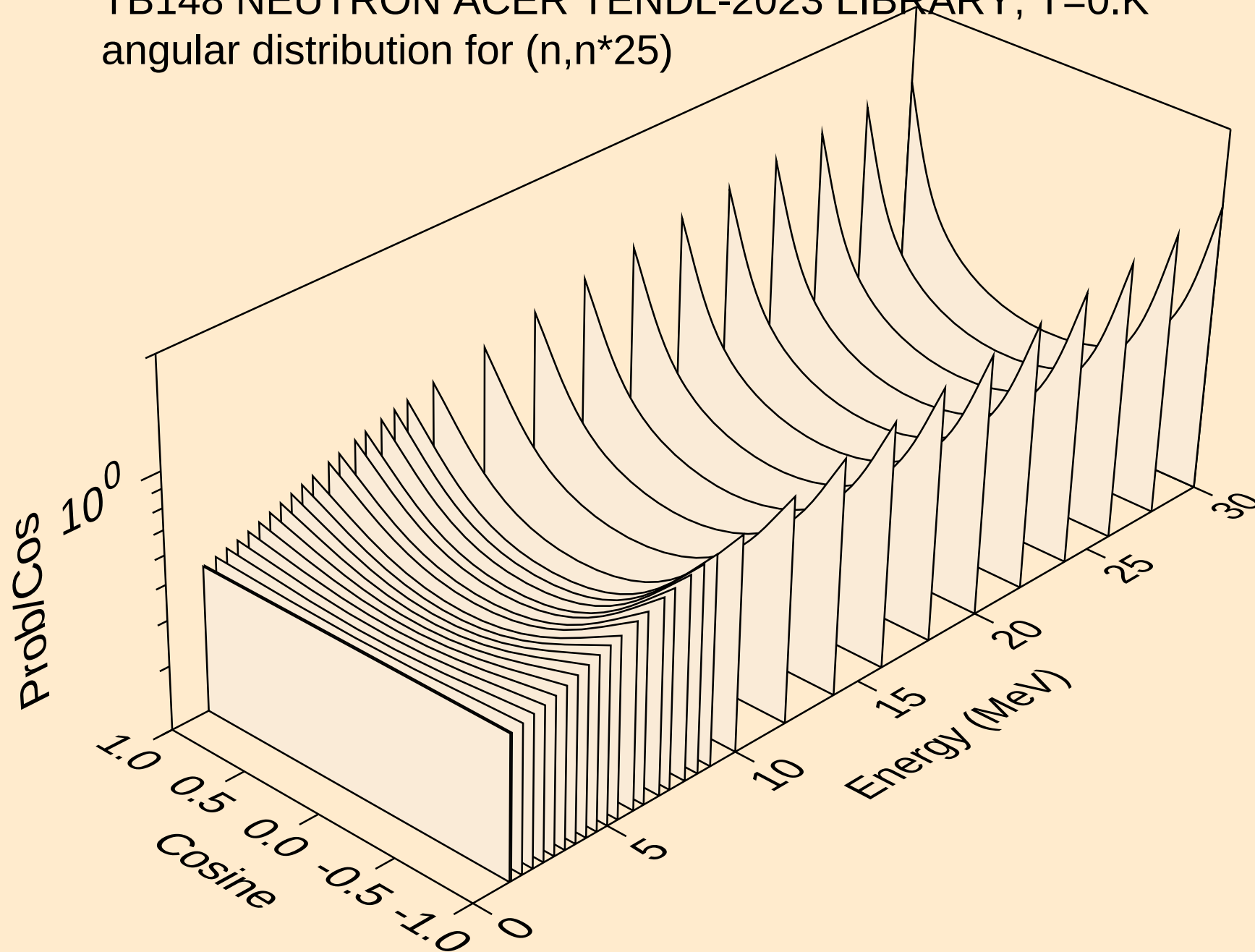
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*23)



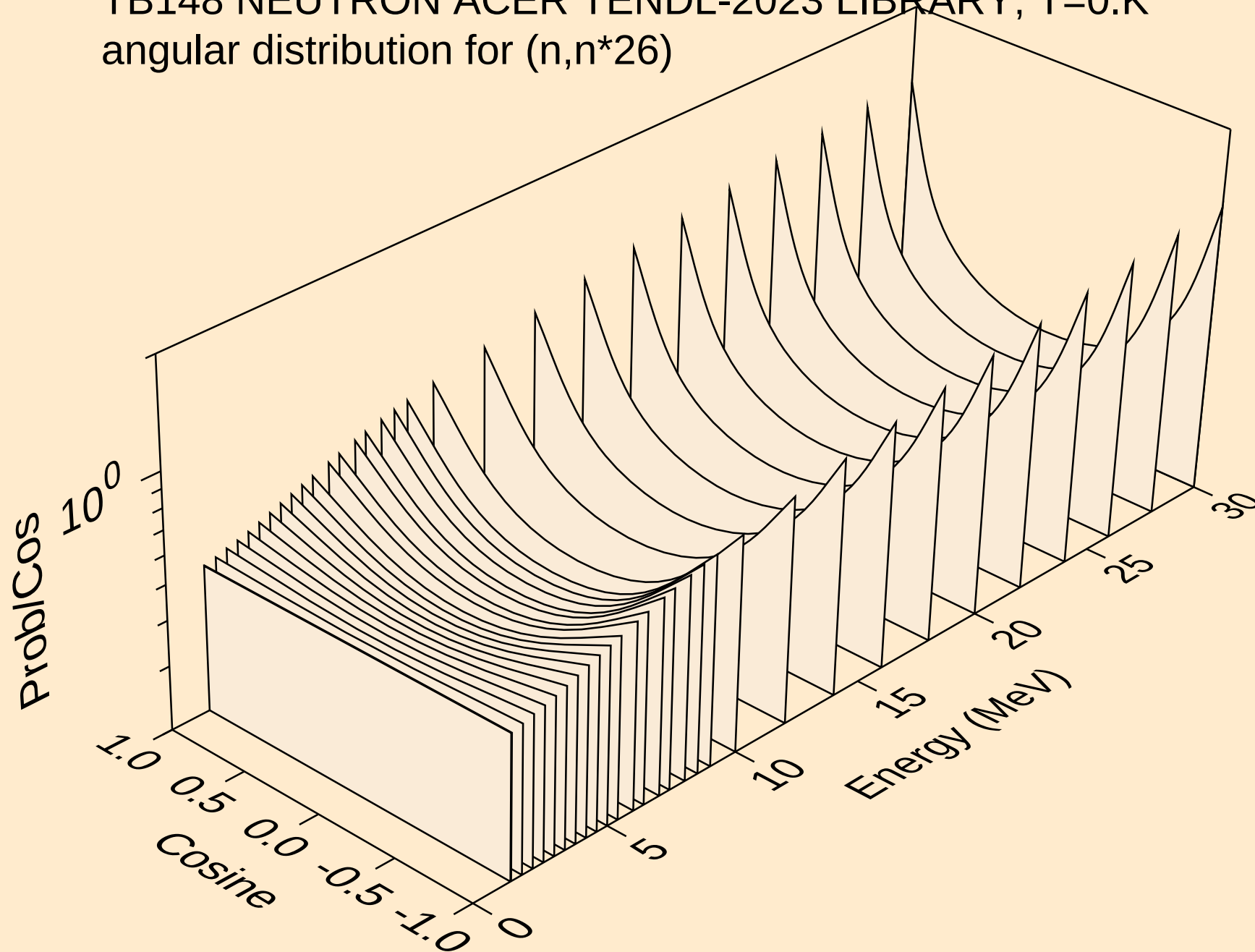
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*24)



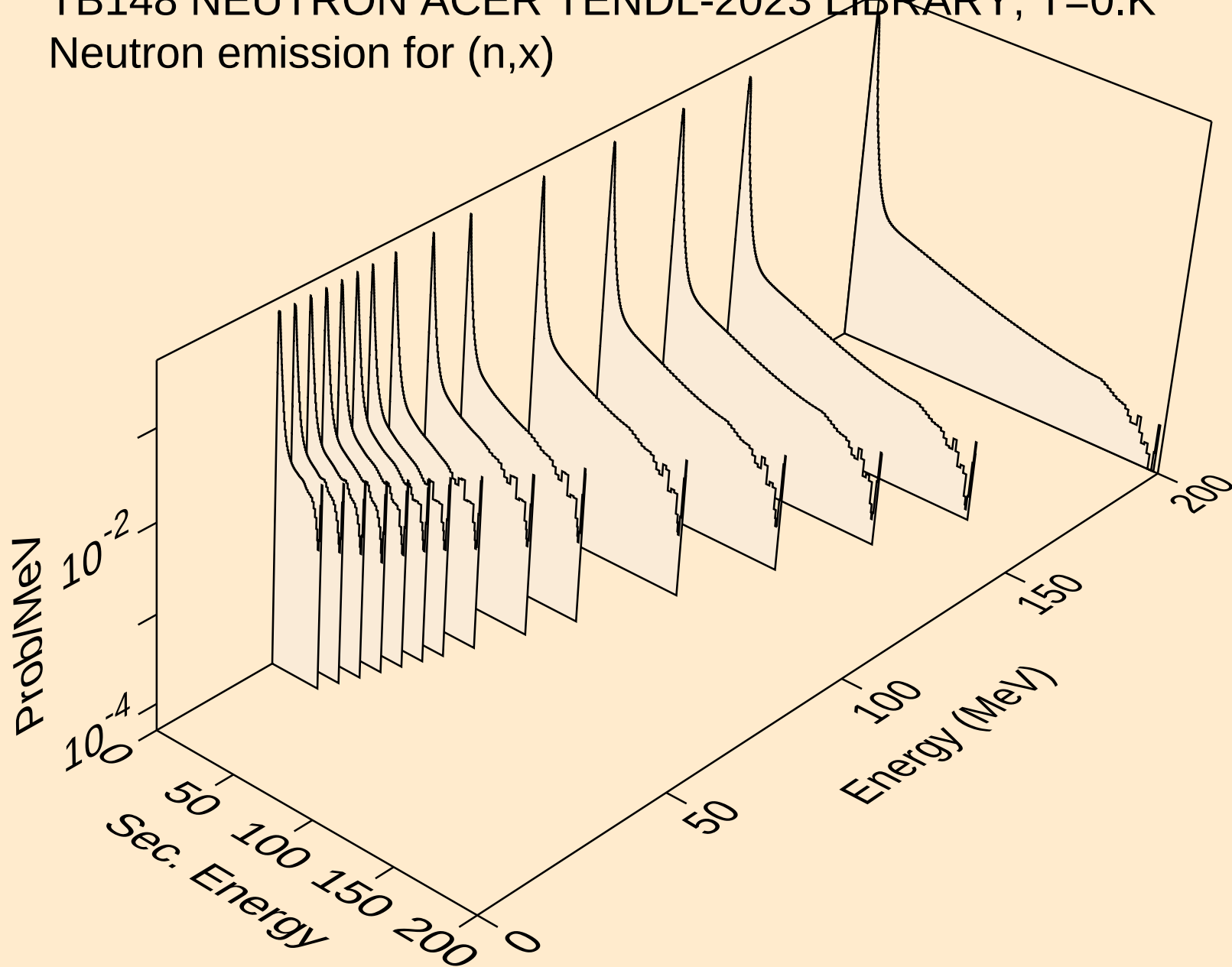
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*25)



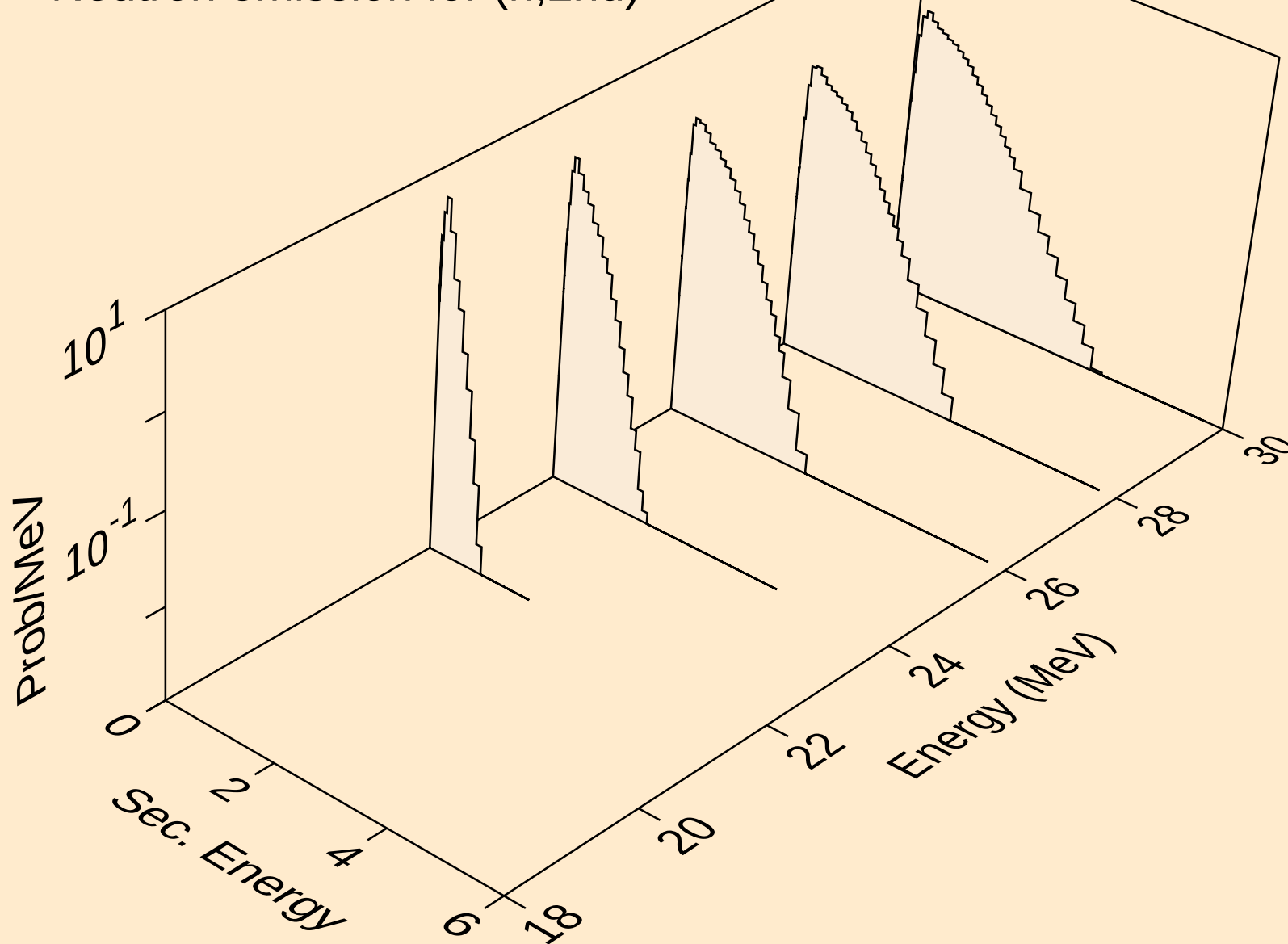
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*26)



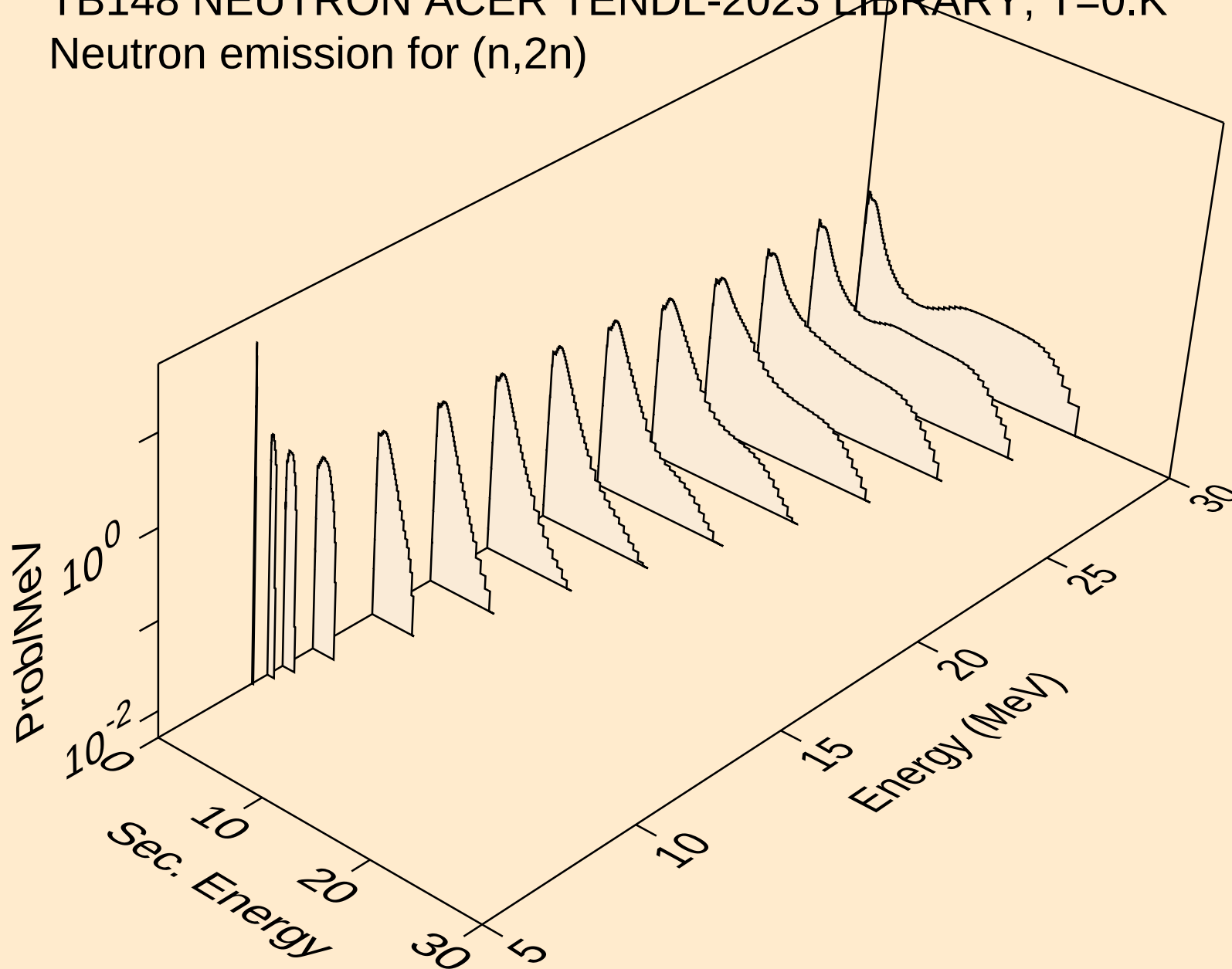
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



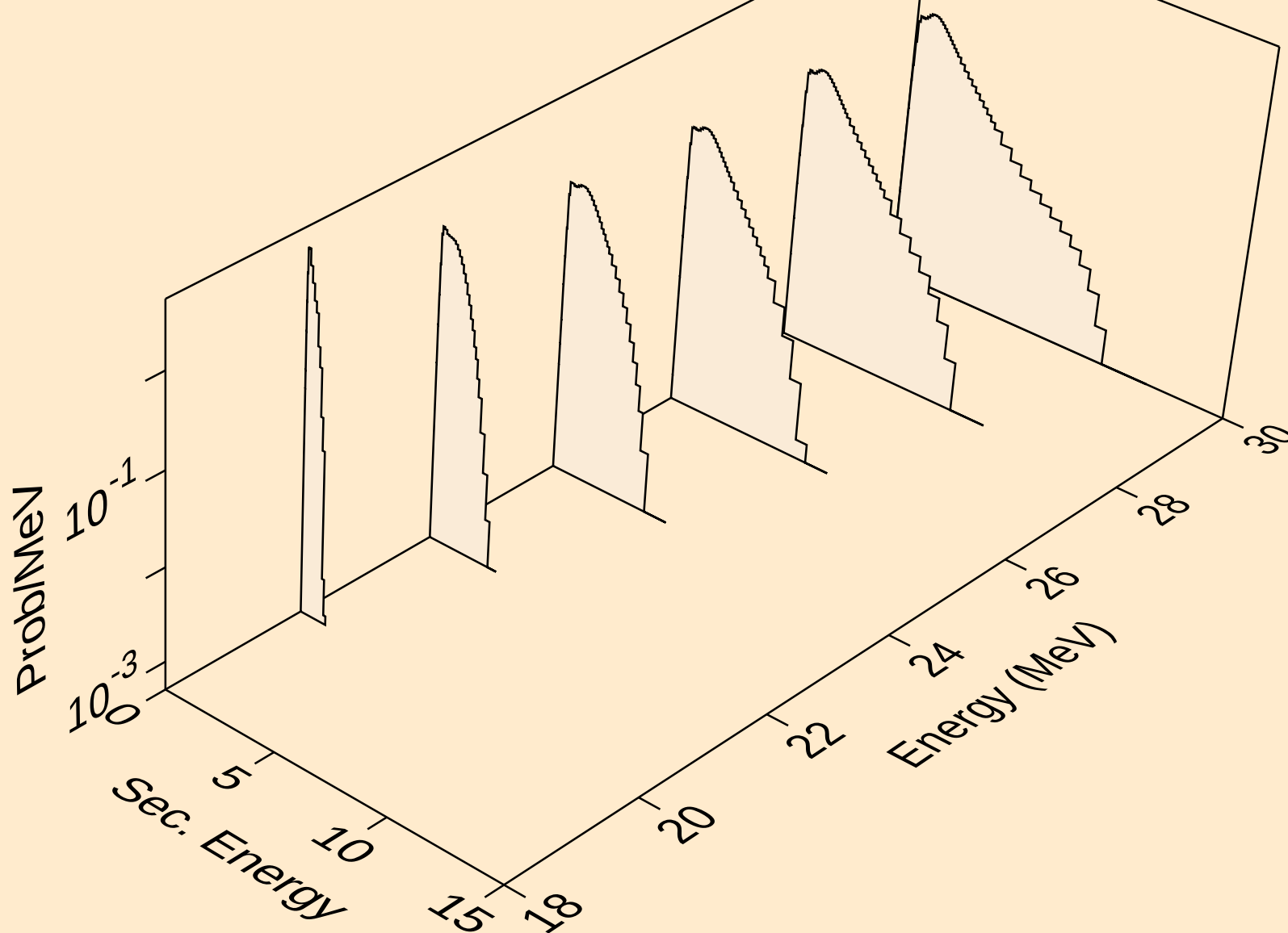
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



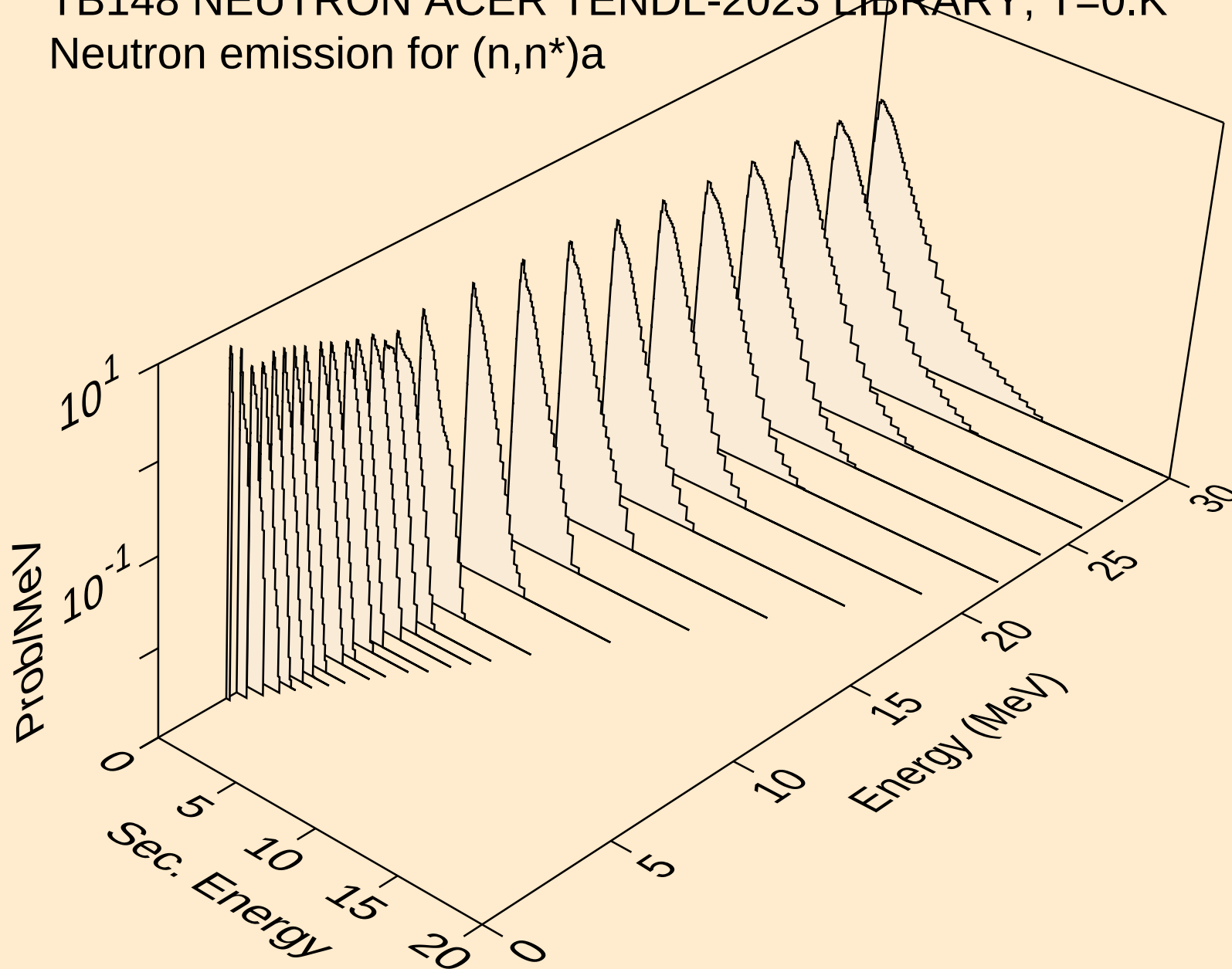
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



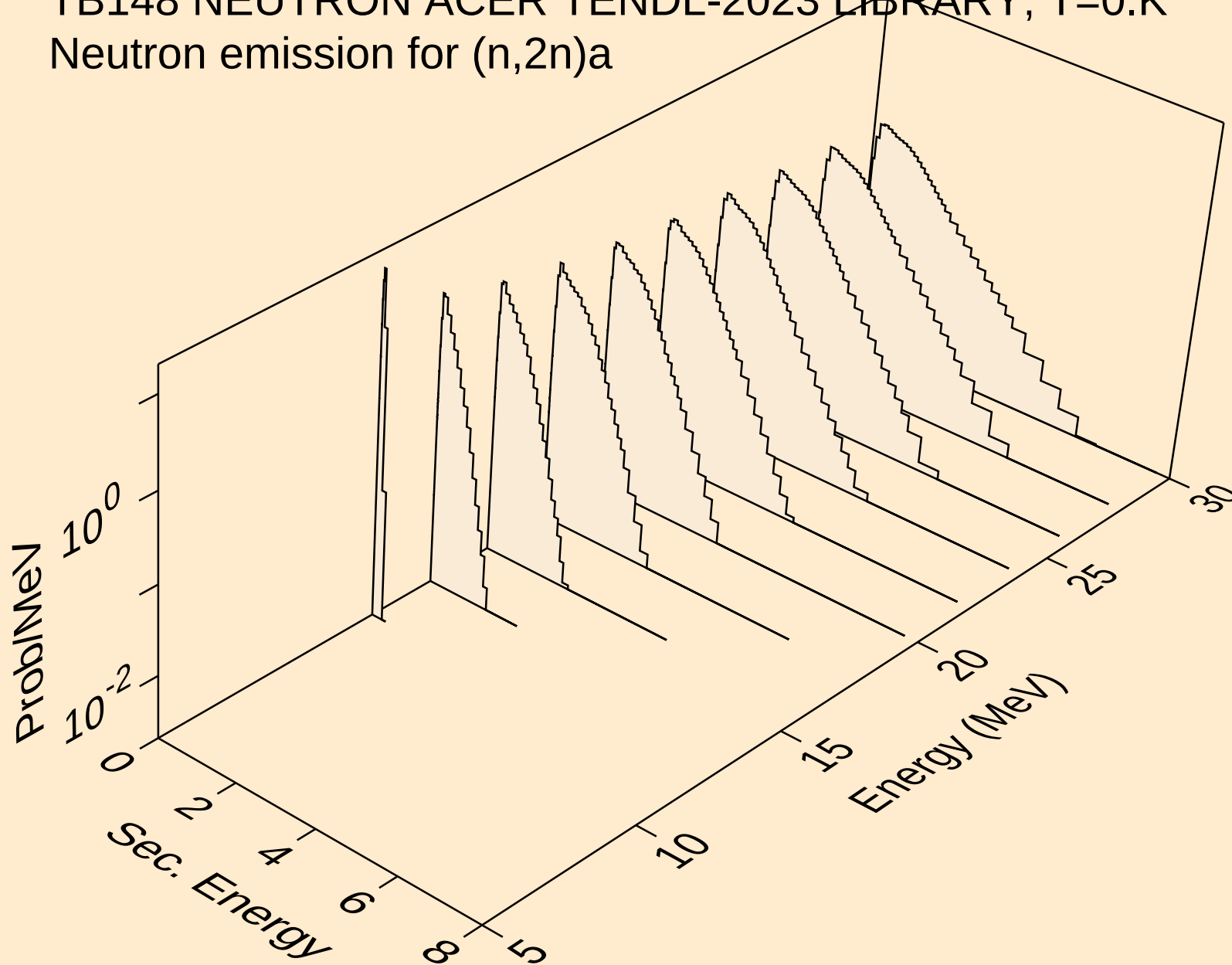
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



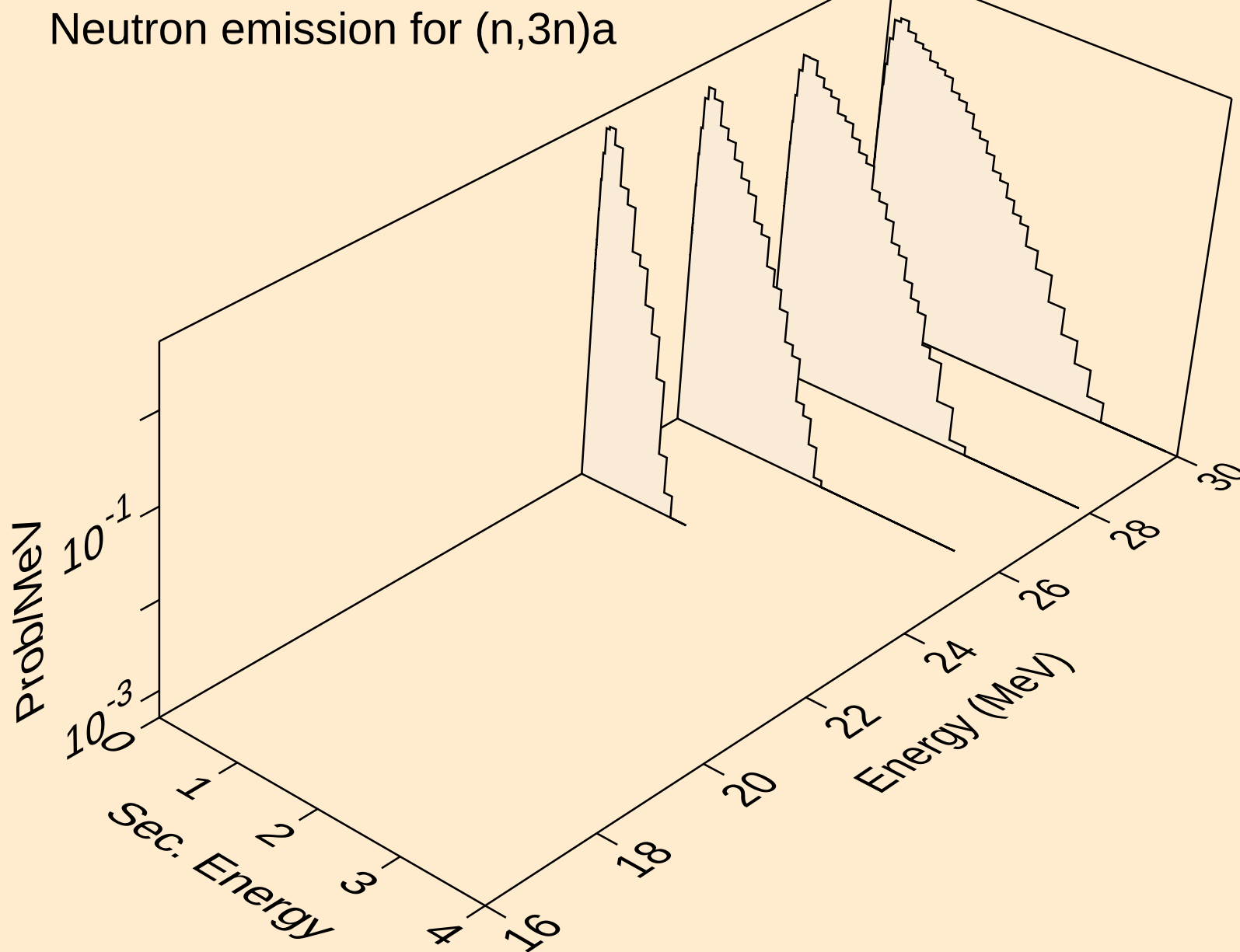
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



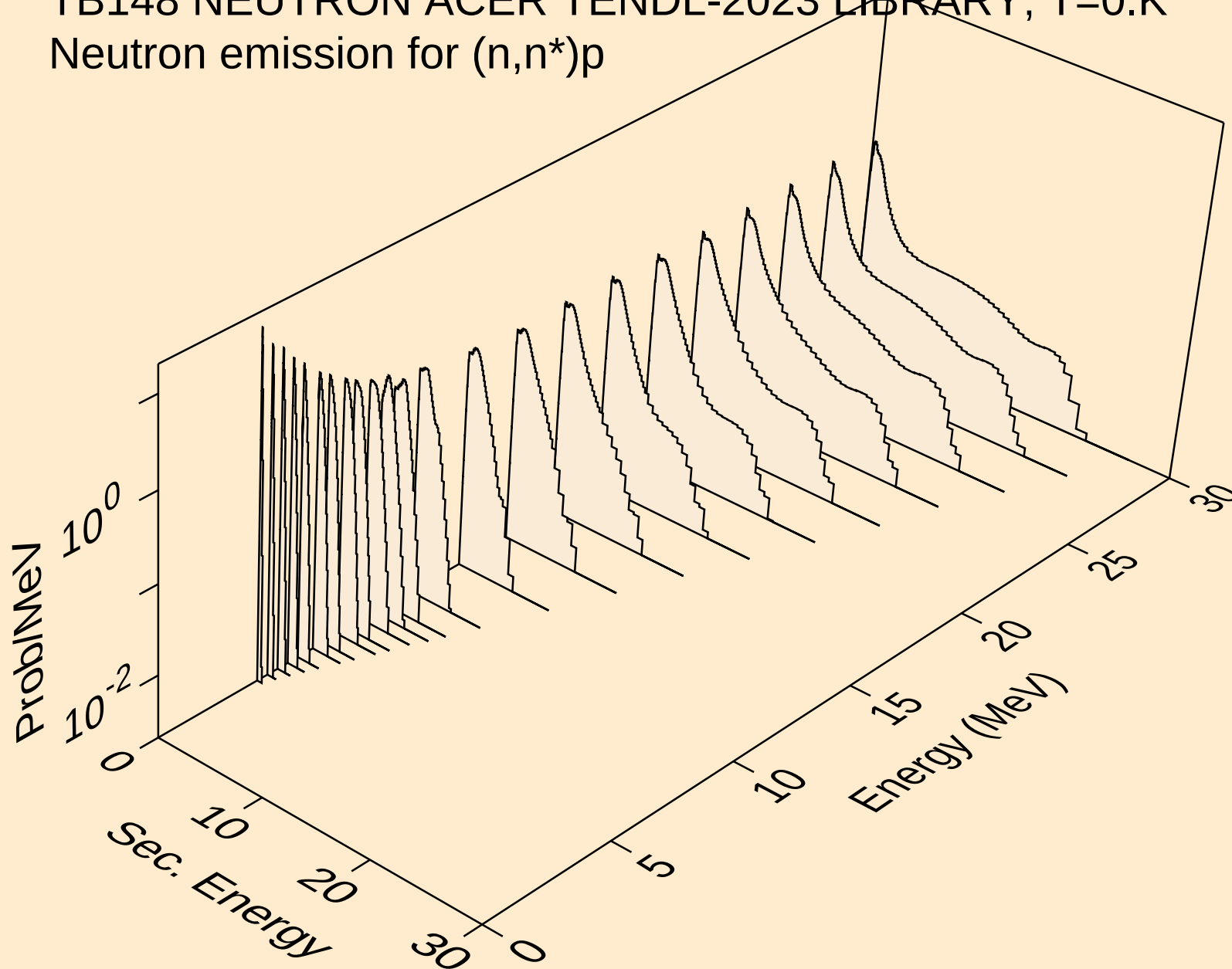
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



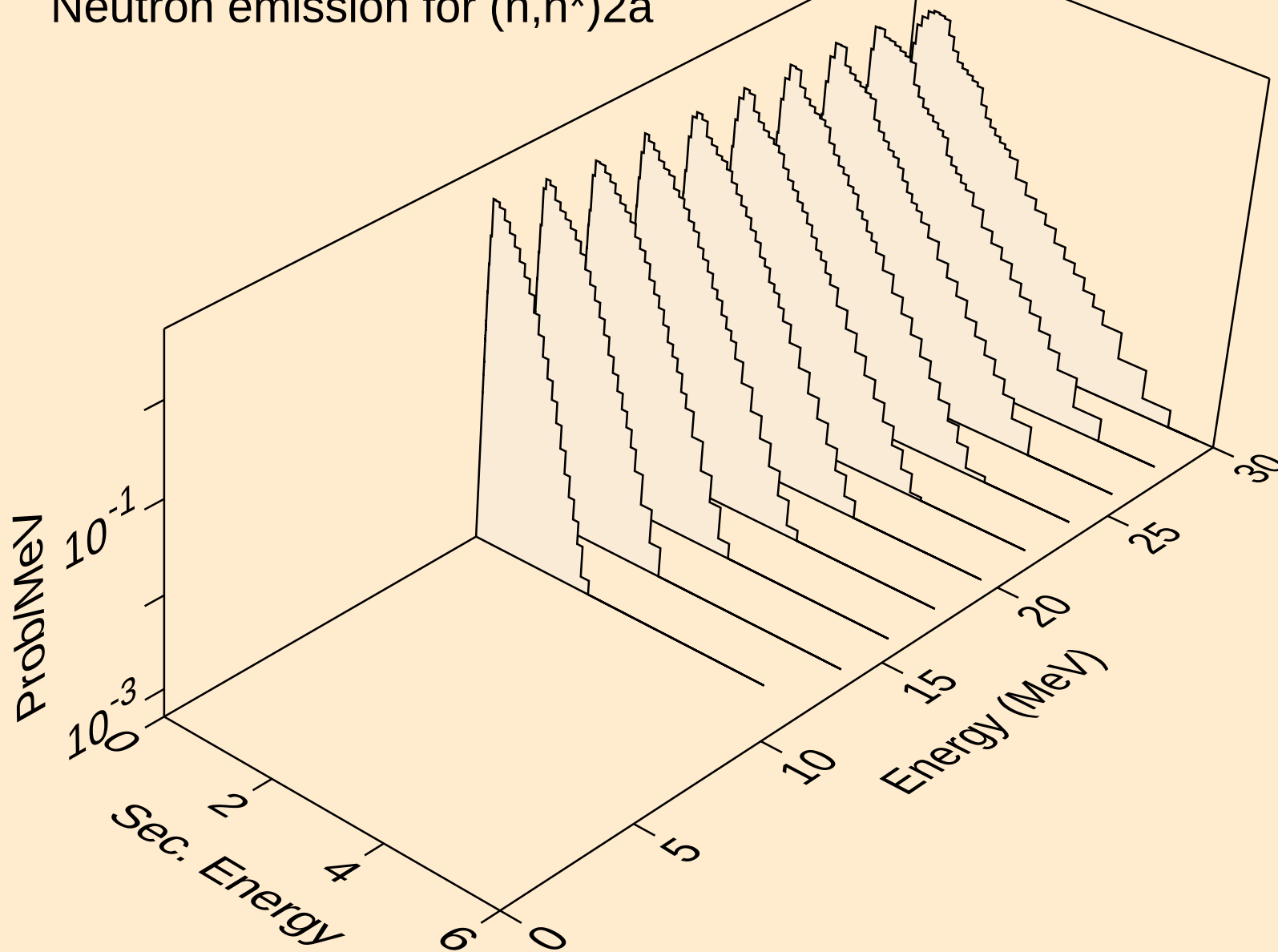
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



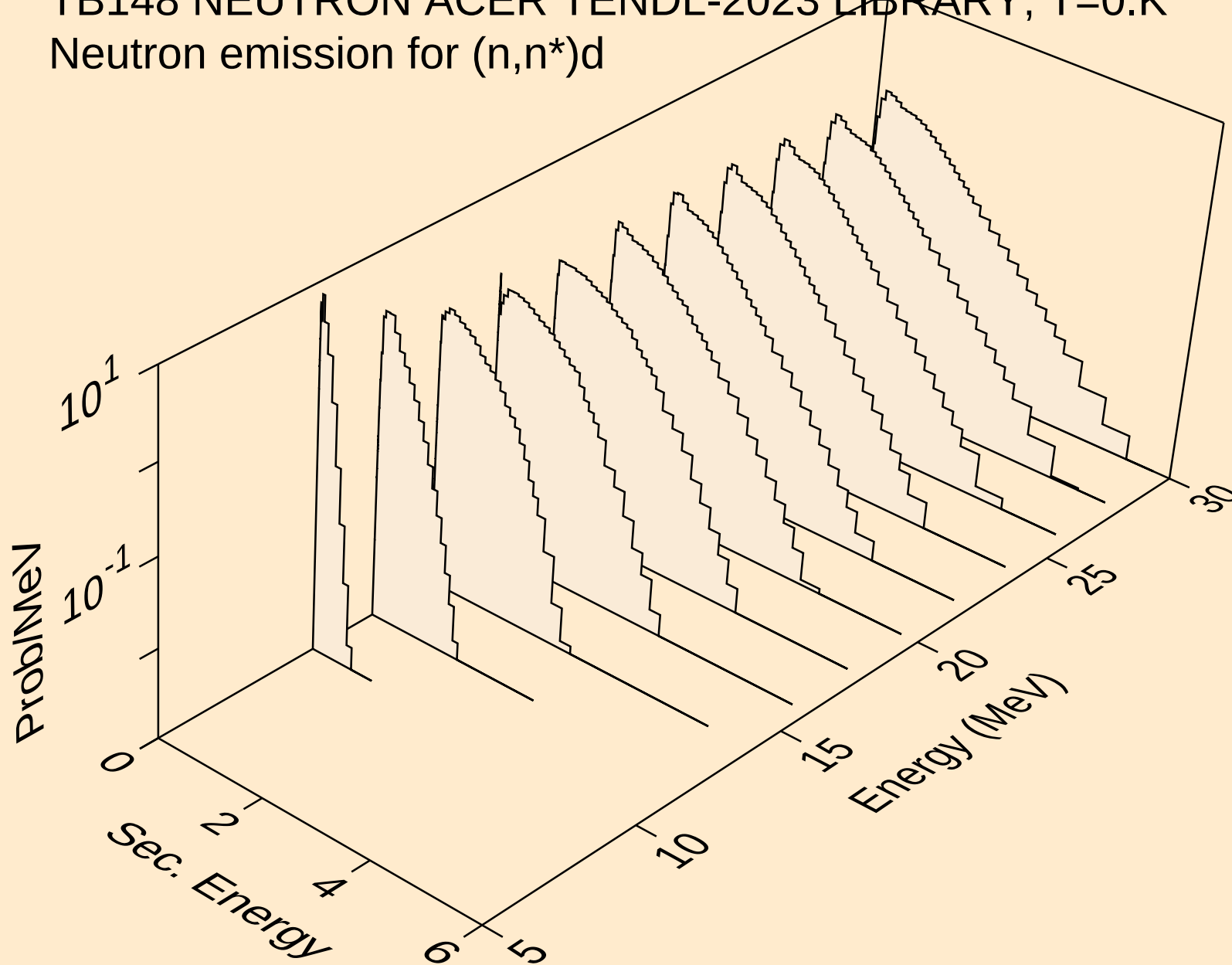
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



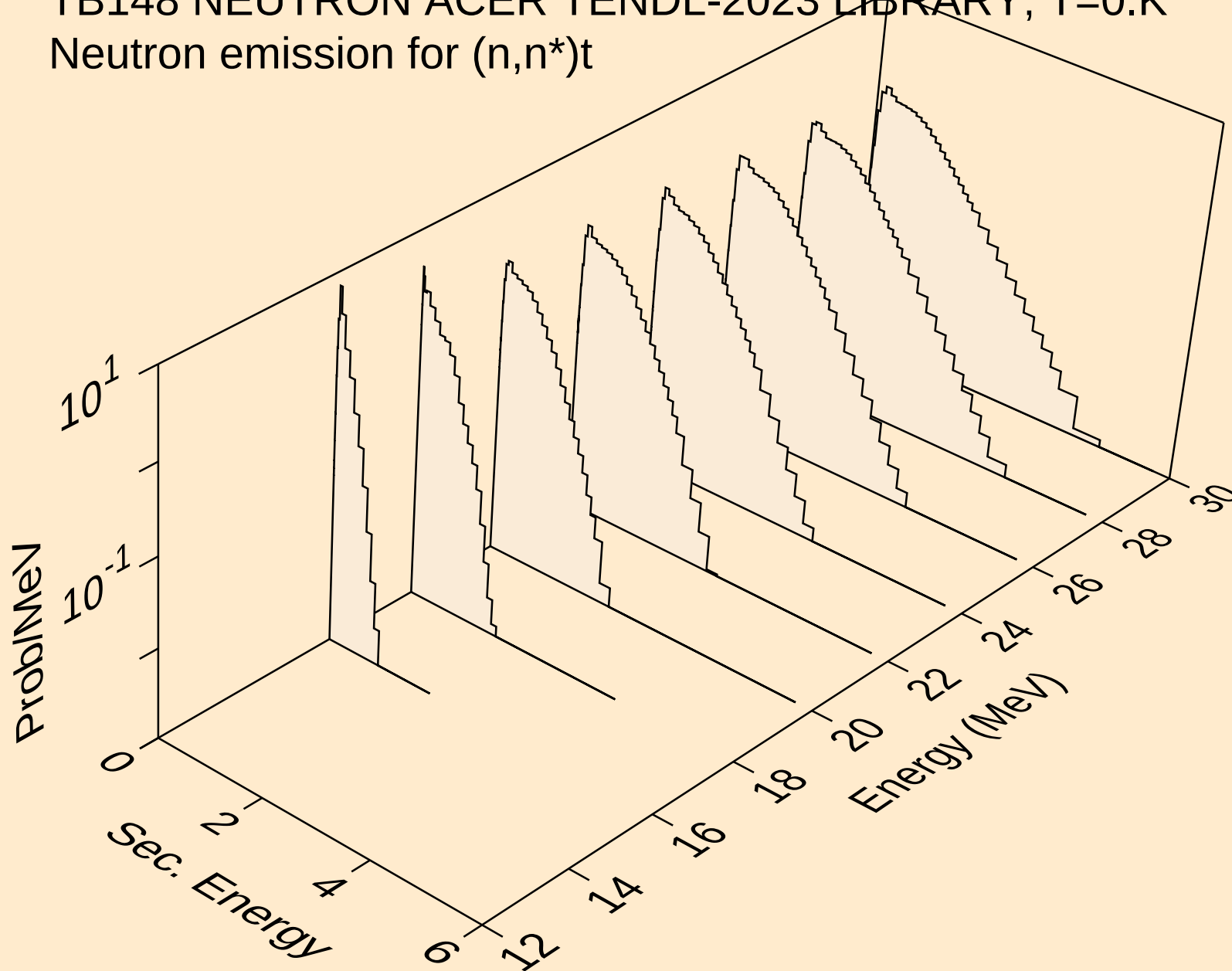
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



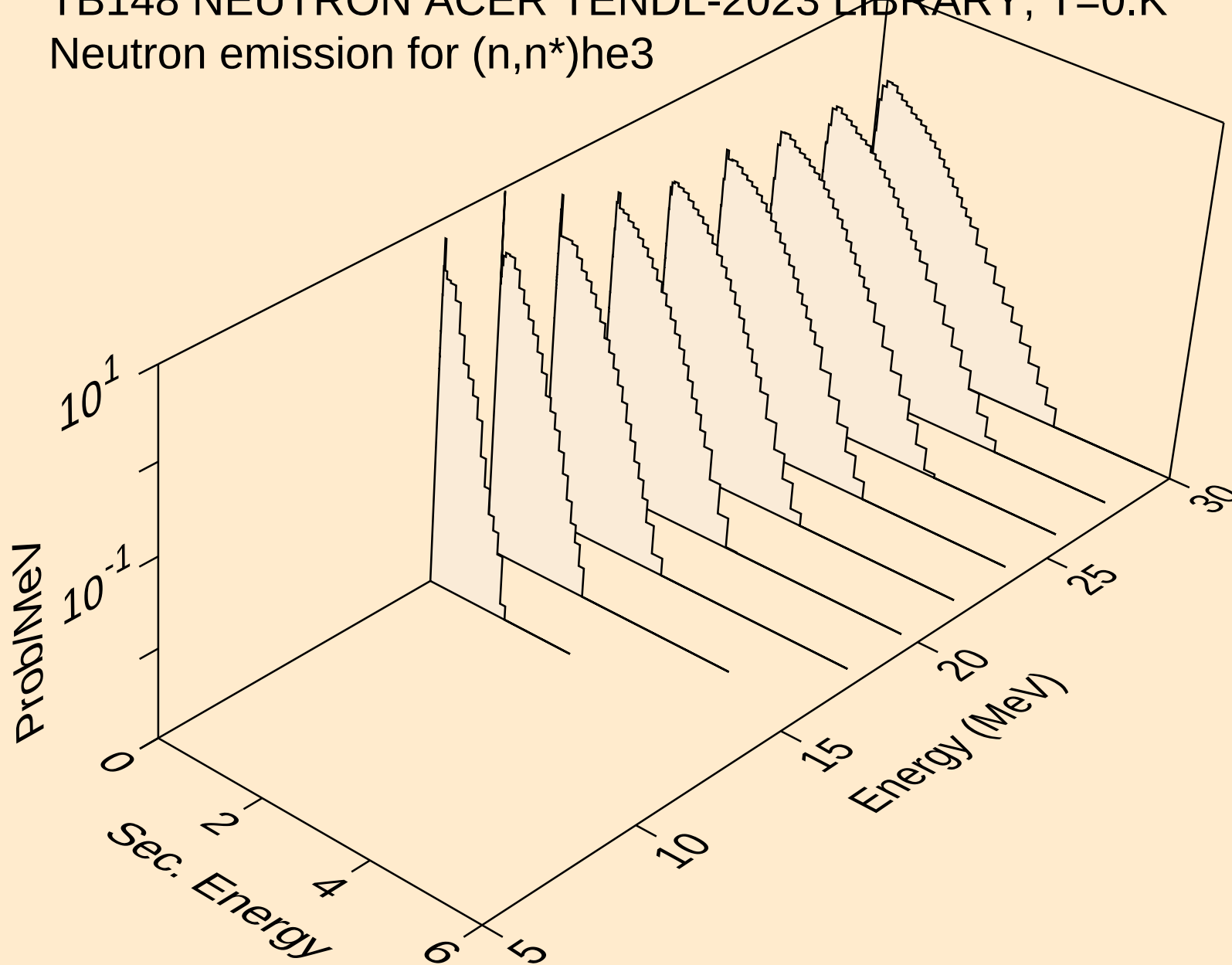
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



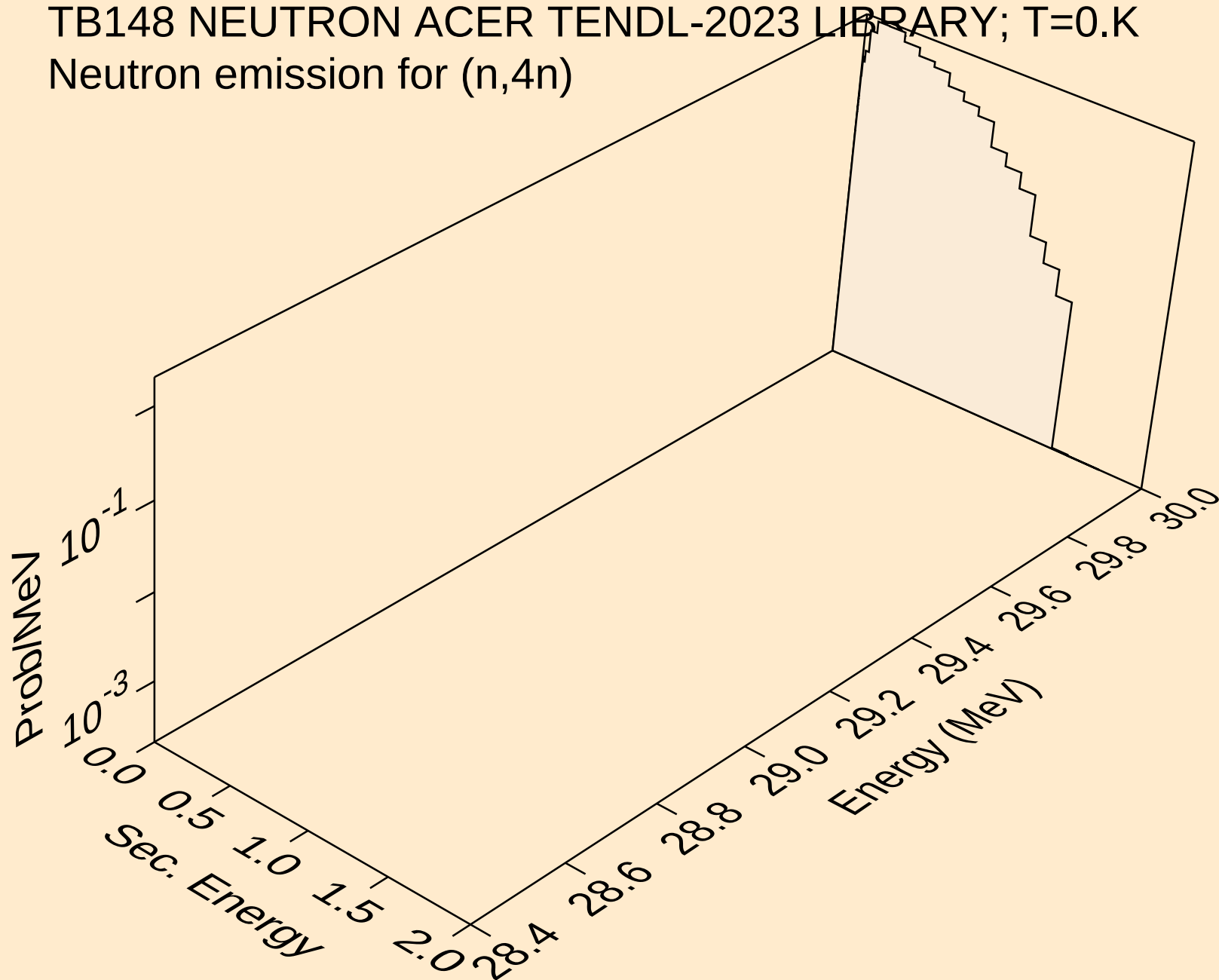
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



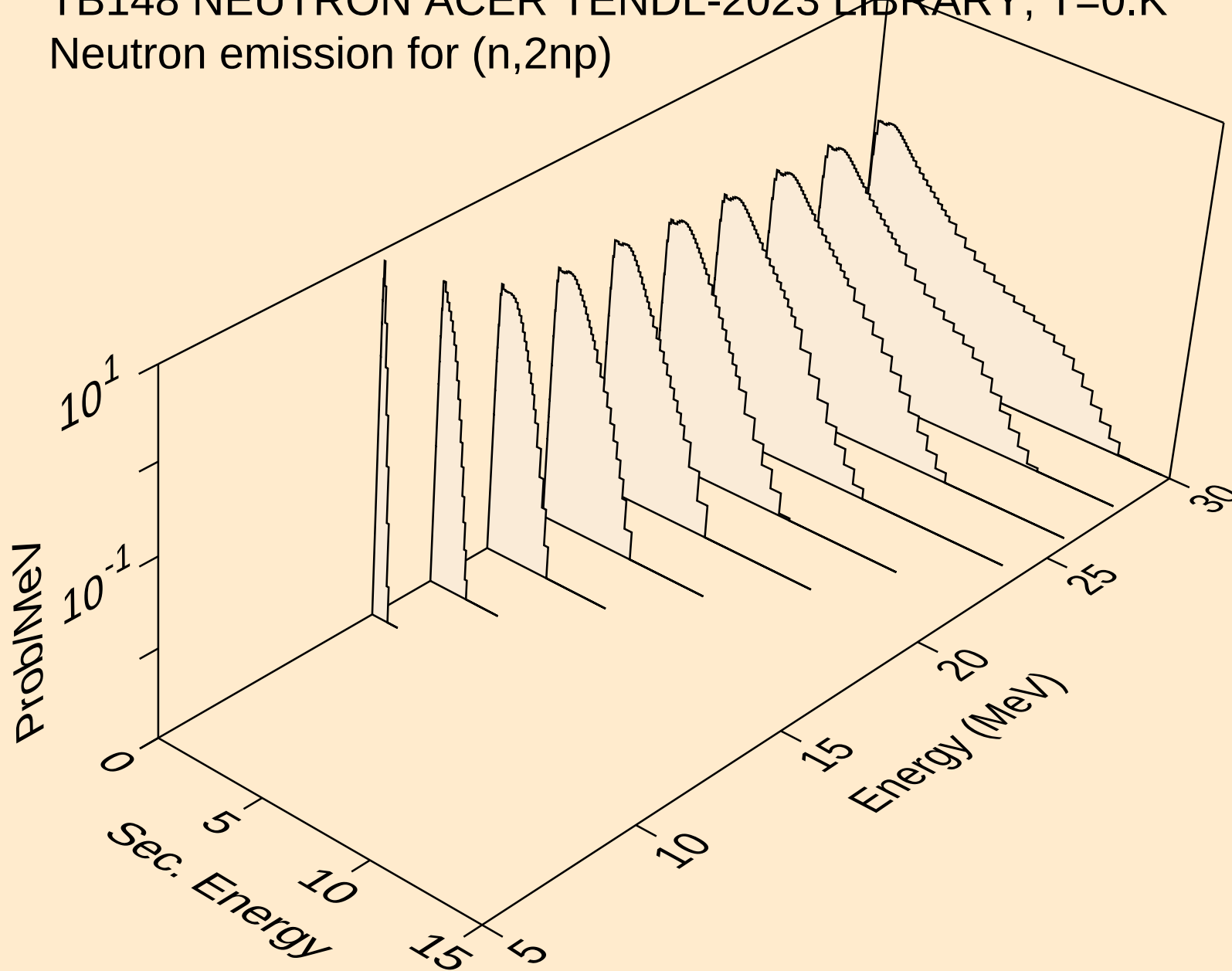
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



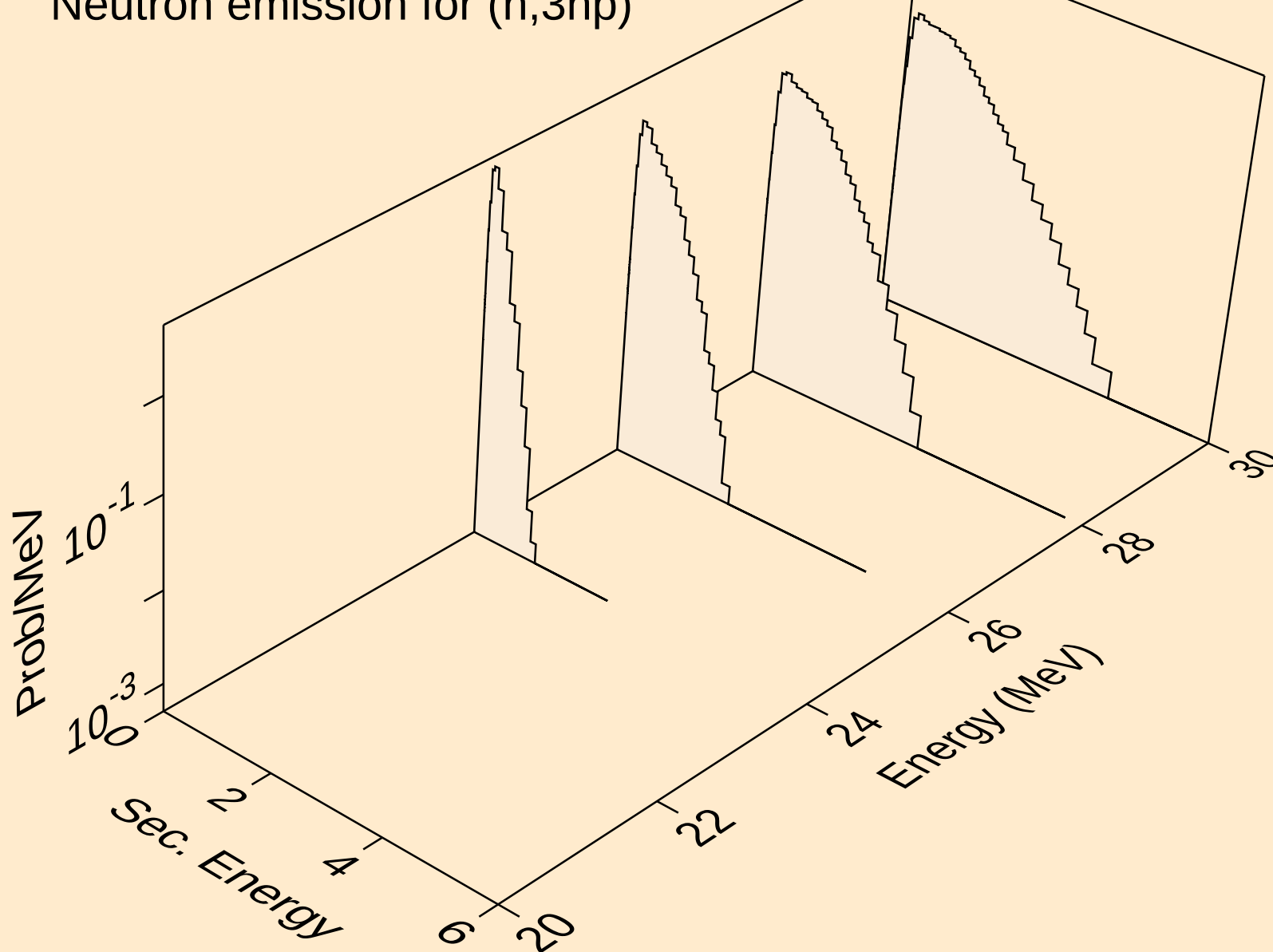
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



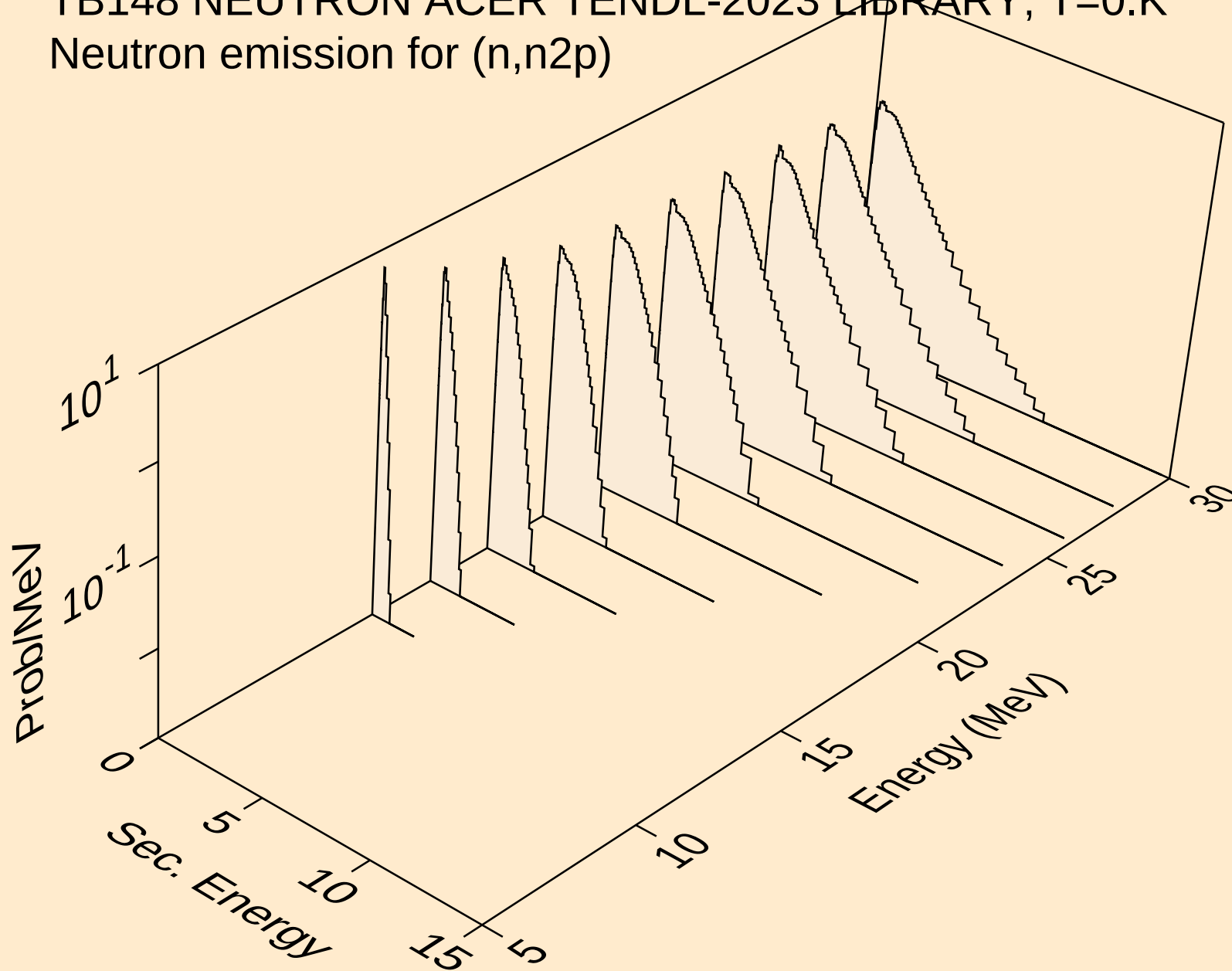
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



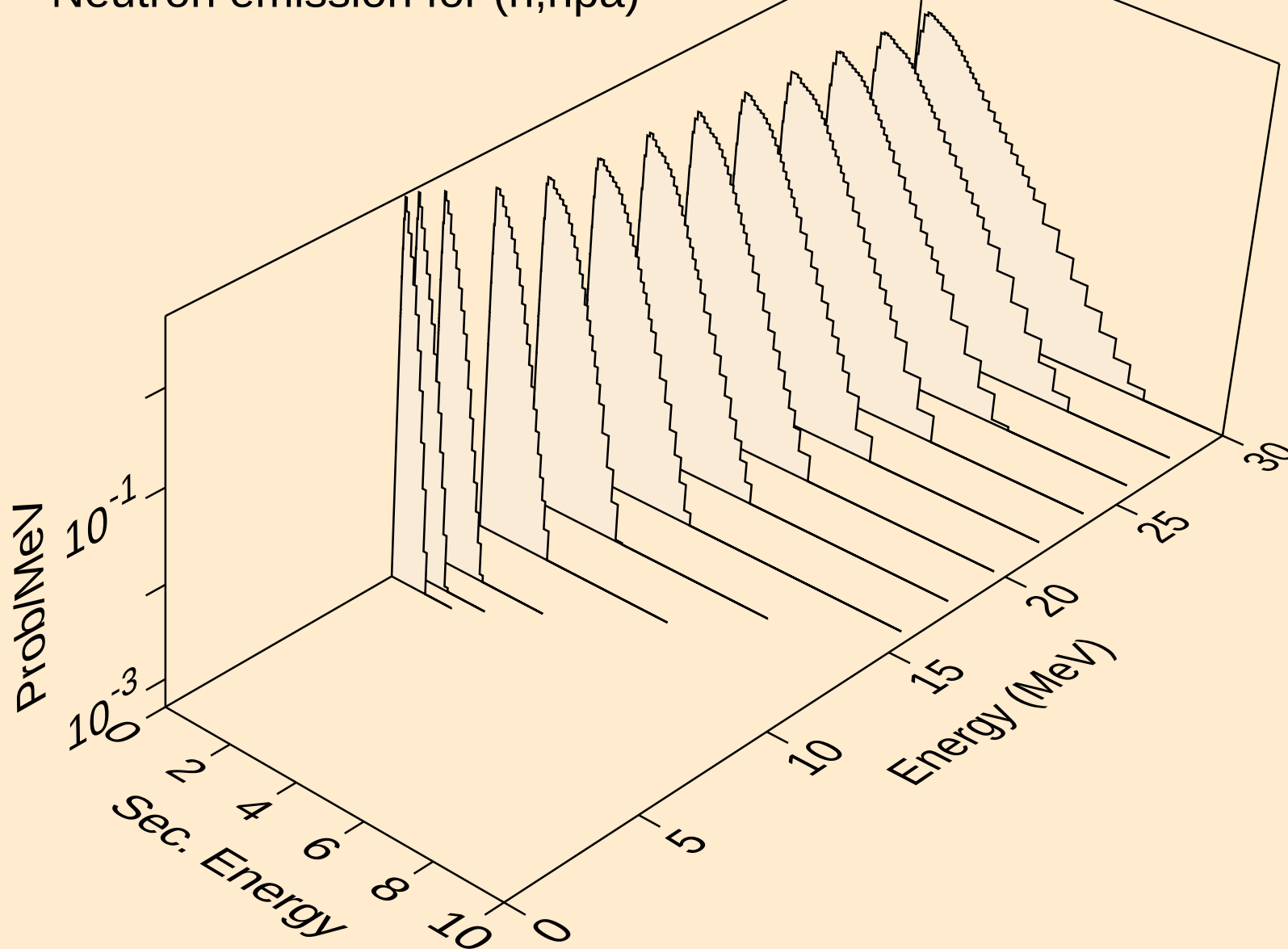
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



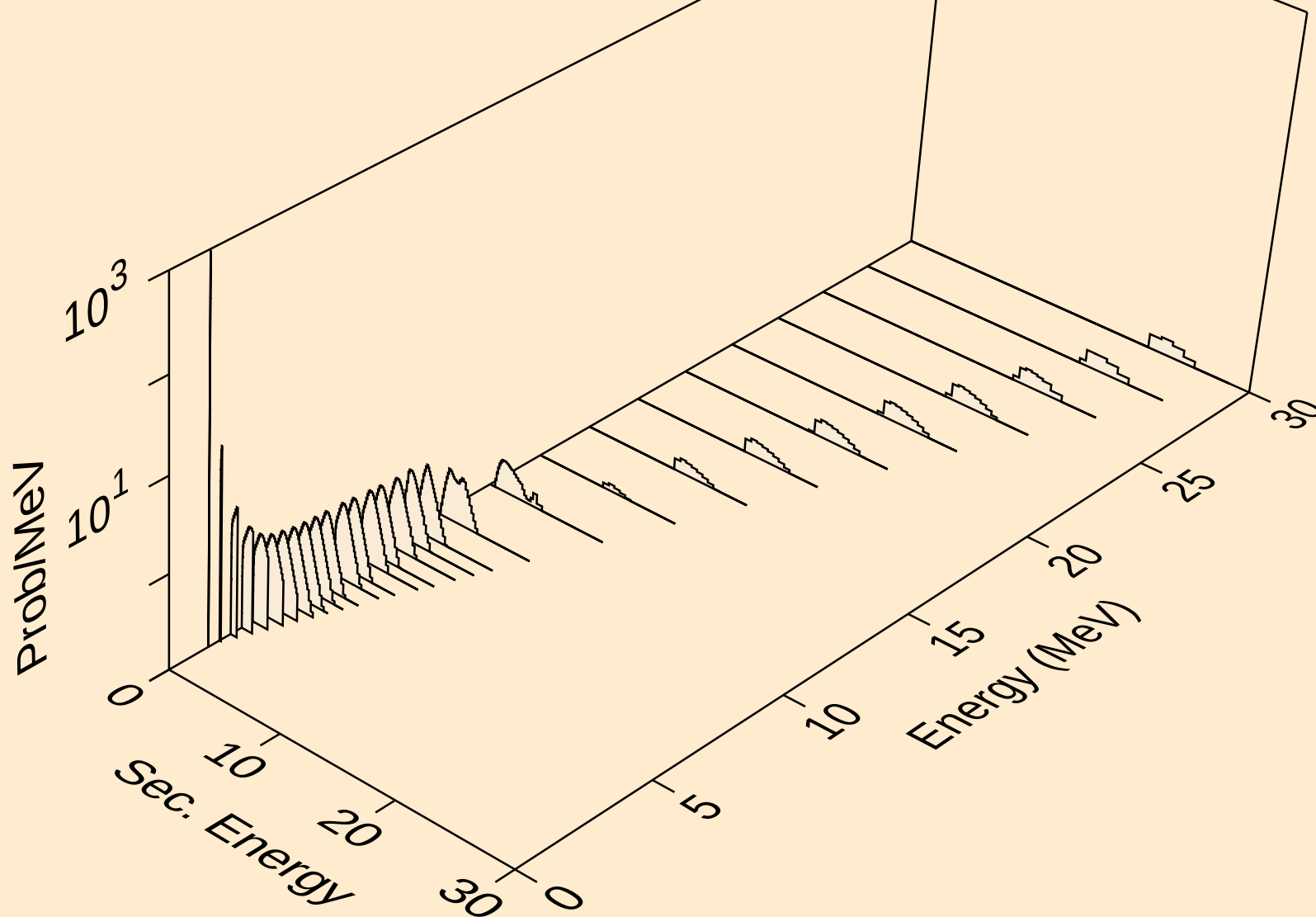
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



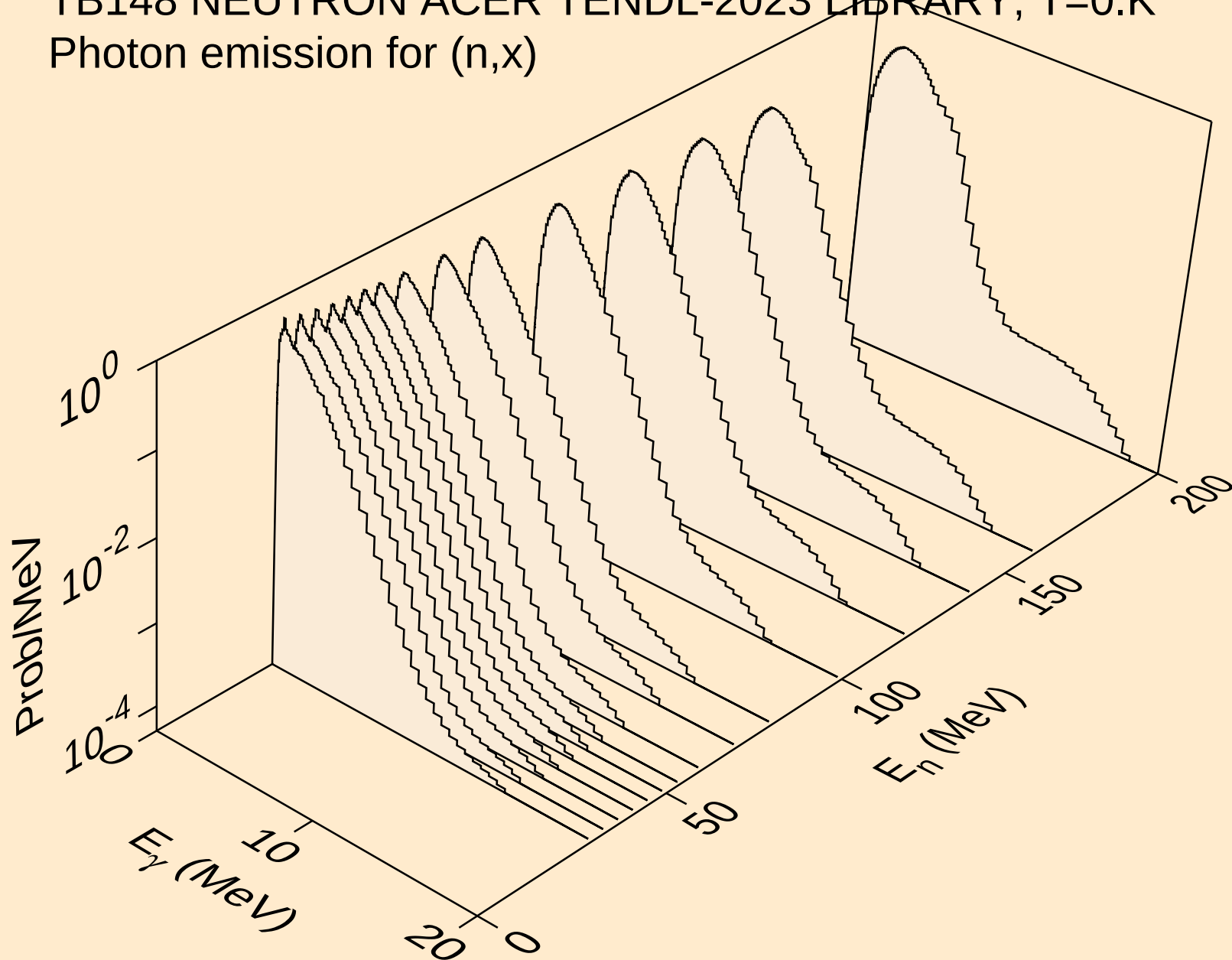
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



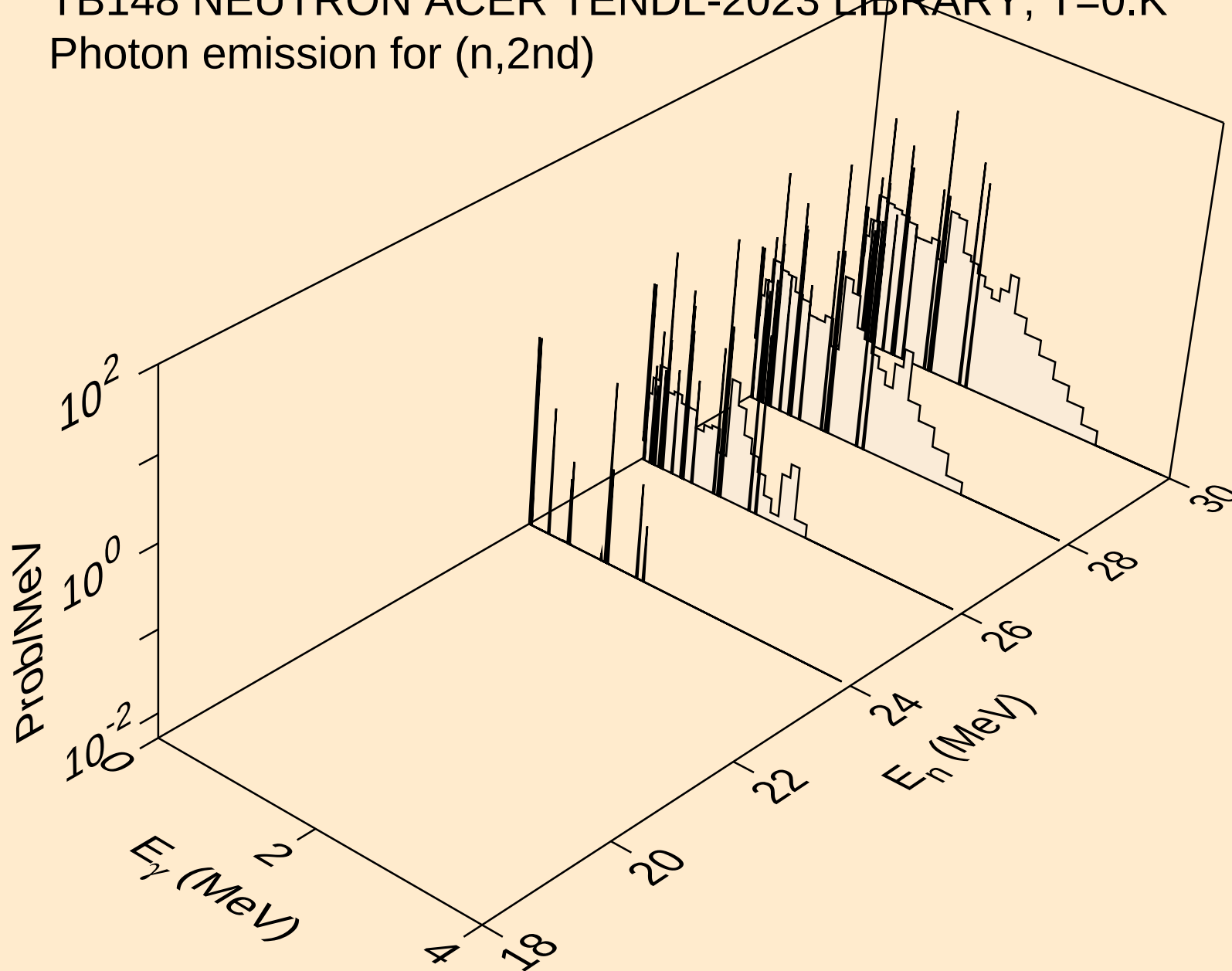
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



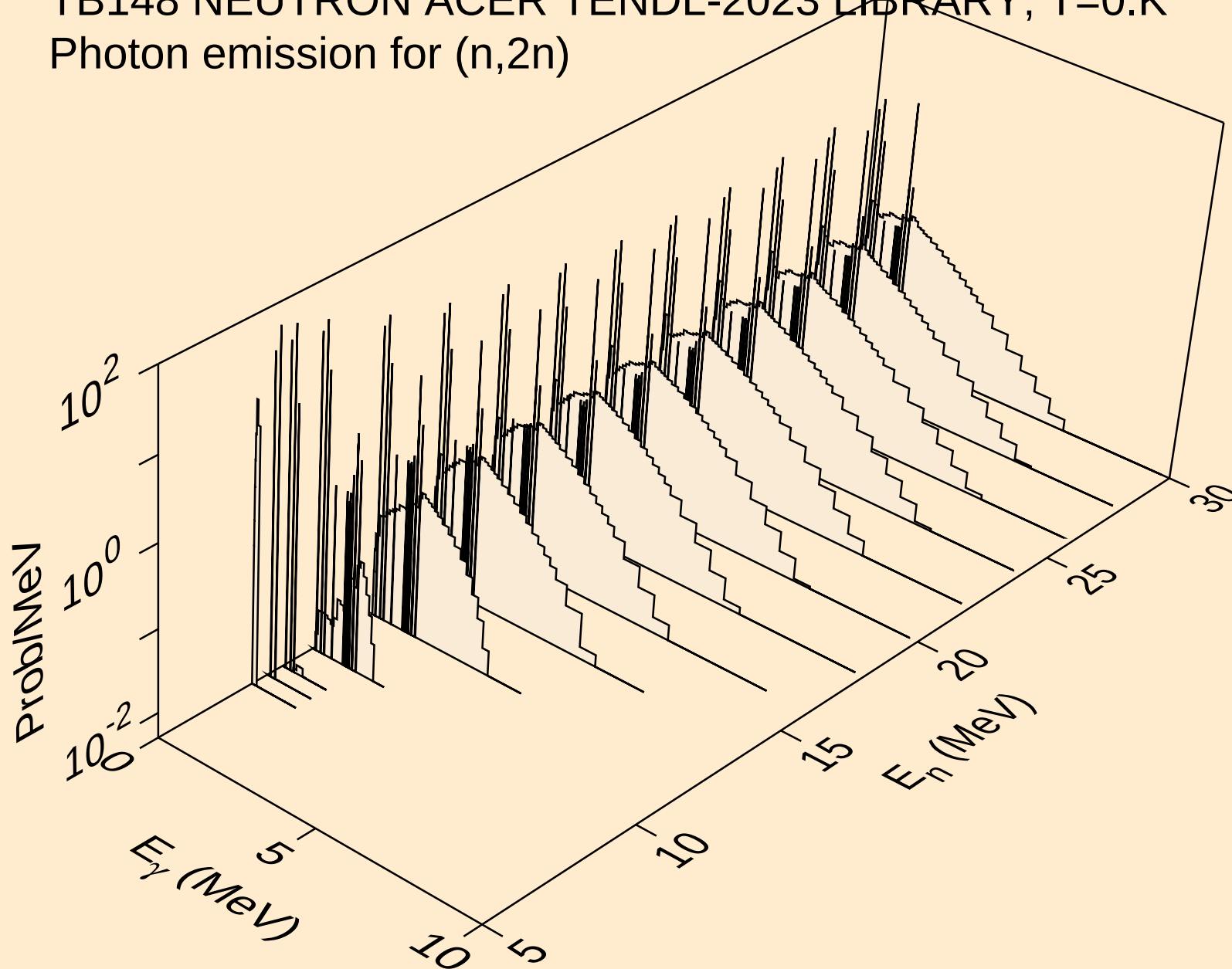
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



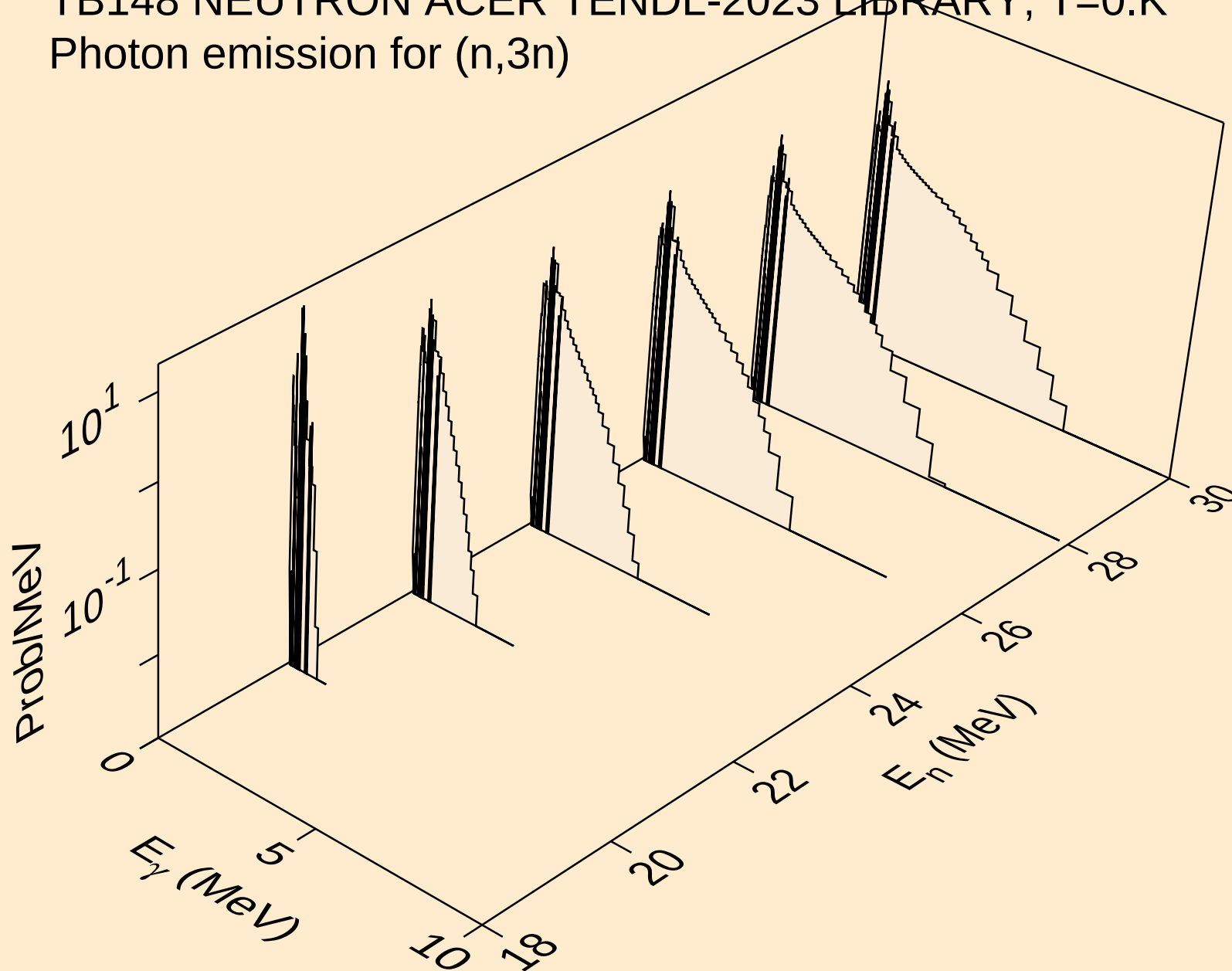
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



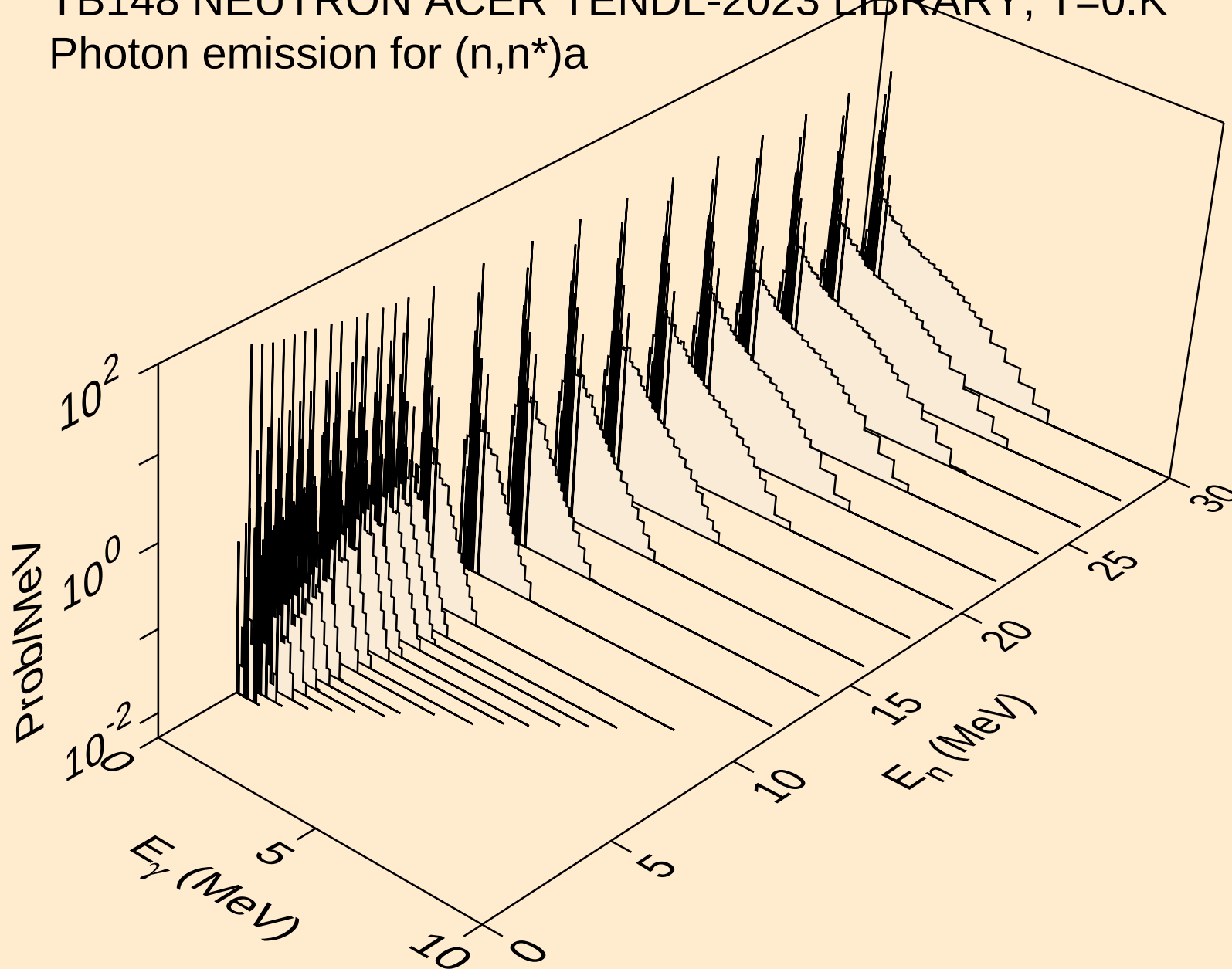
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



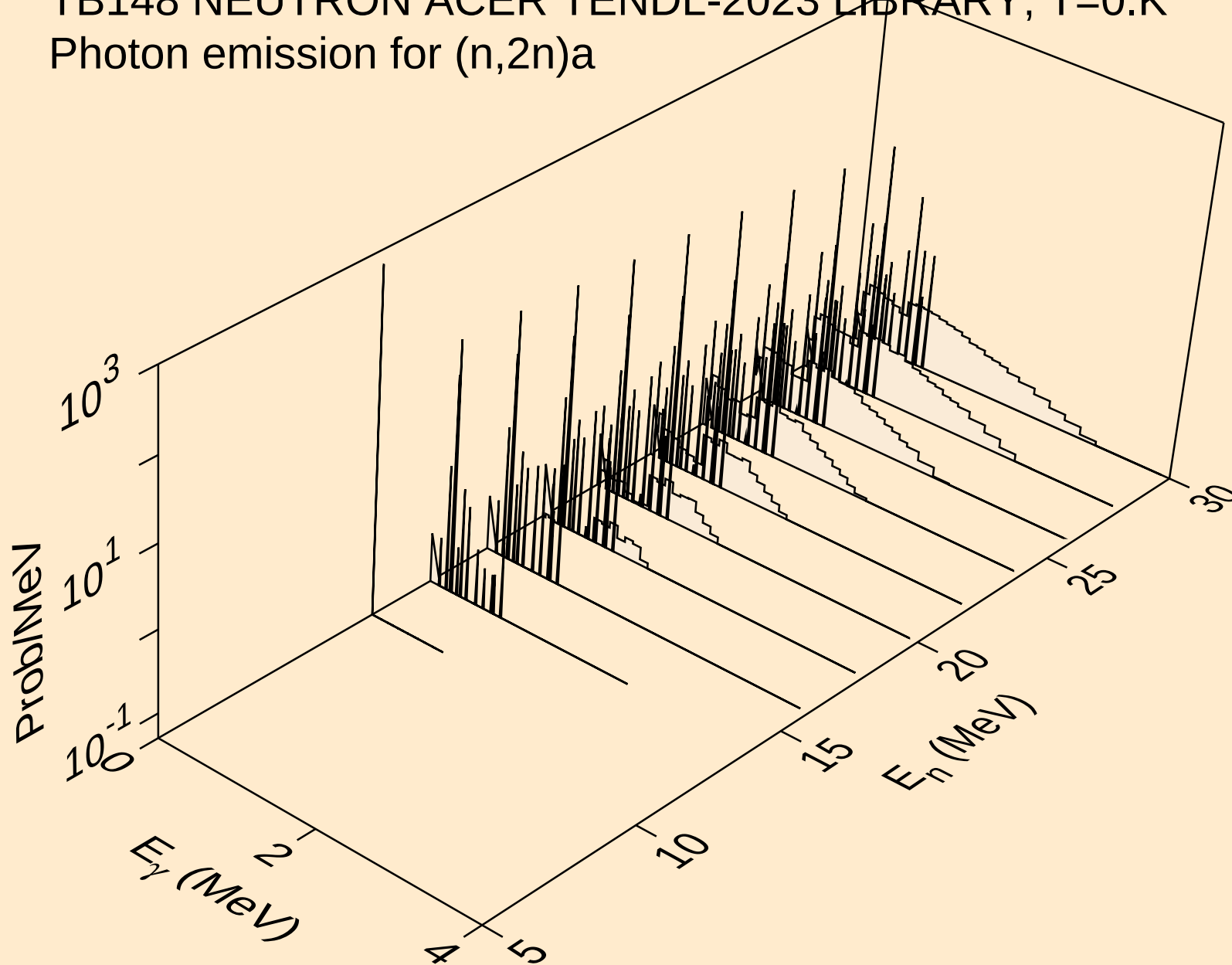
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a

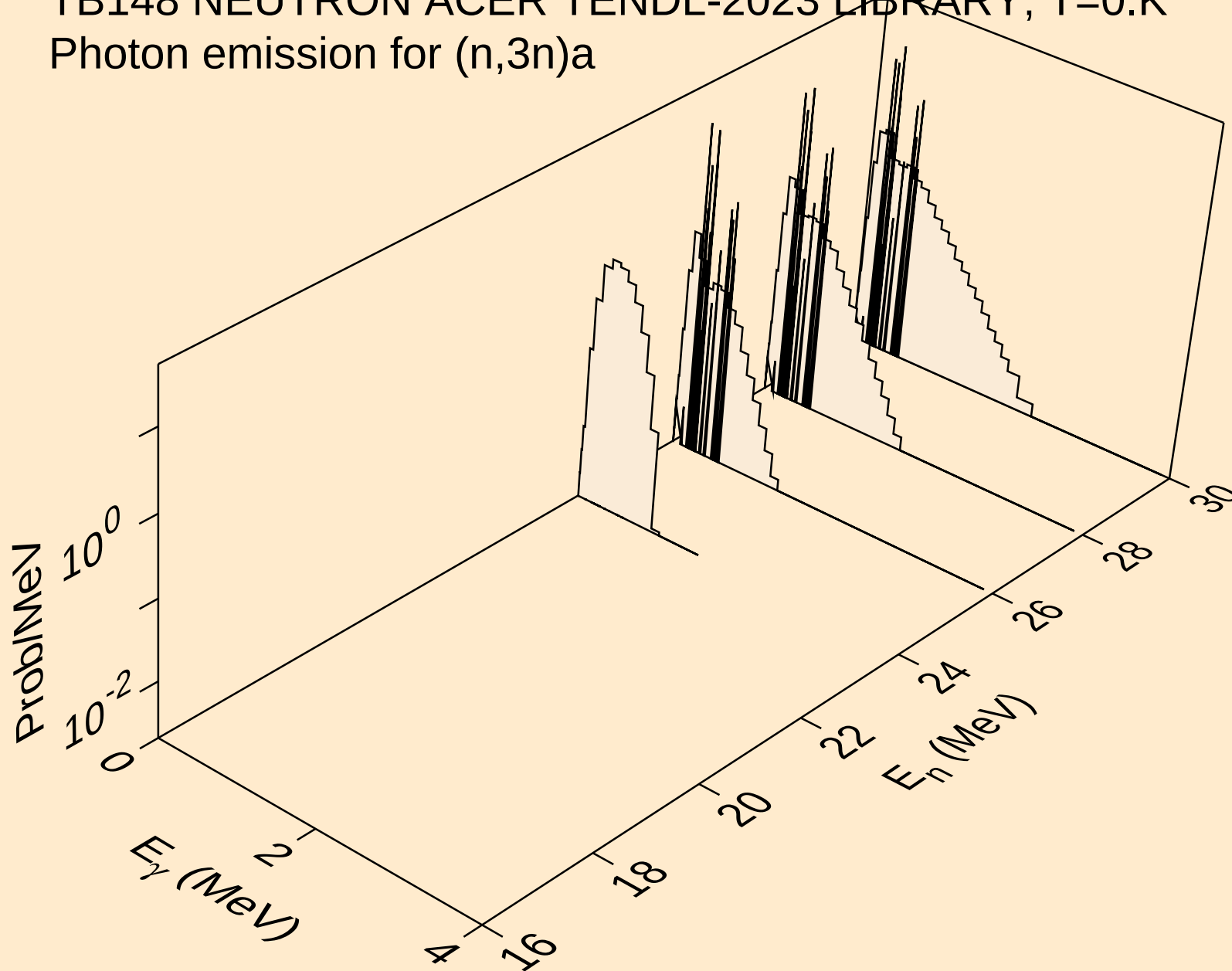


TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n) α

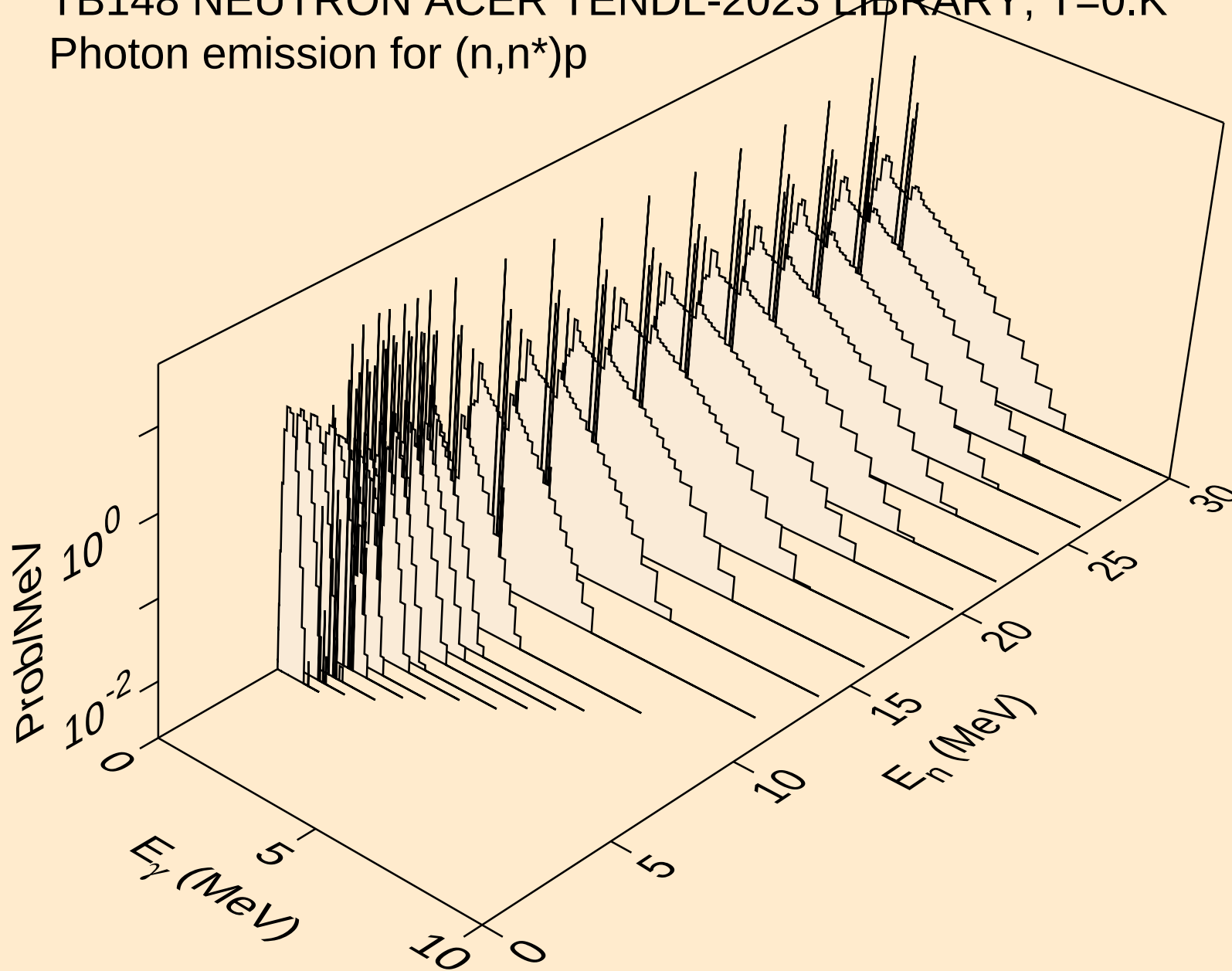


TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,3n)a

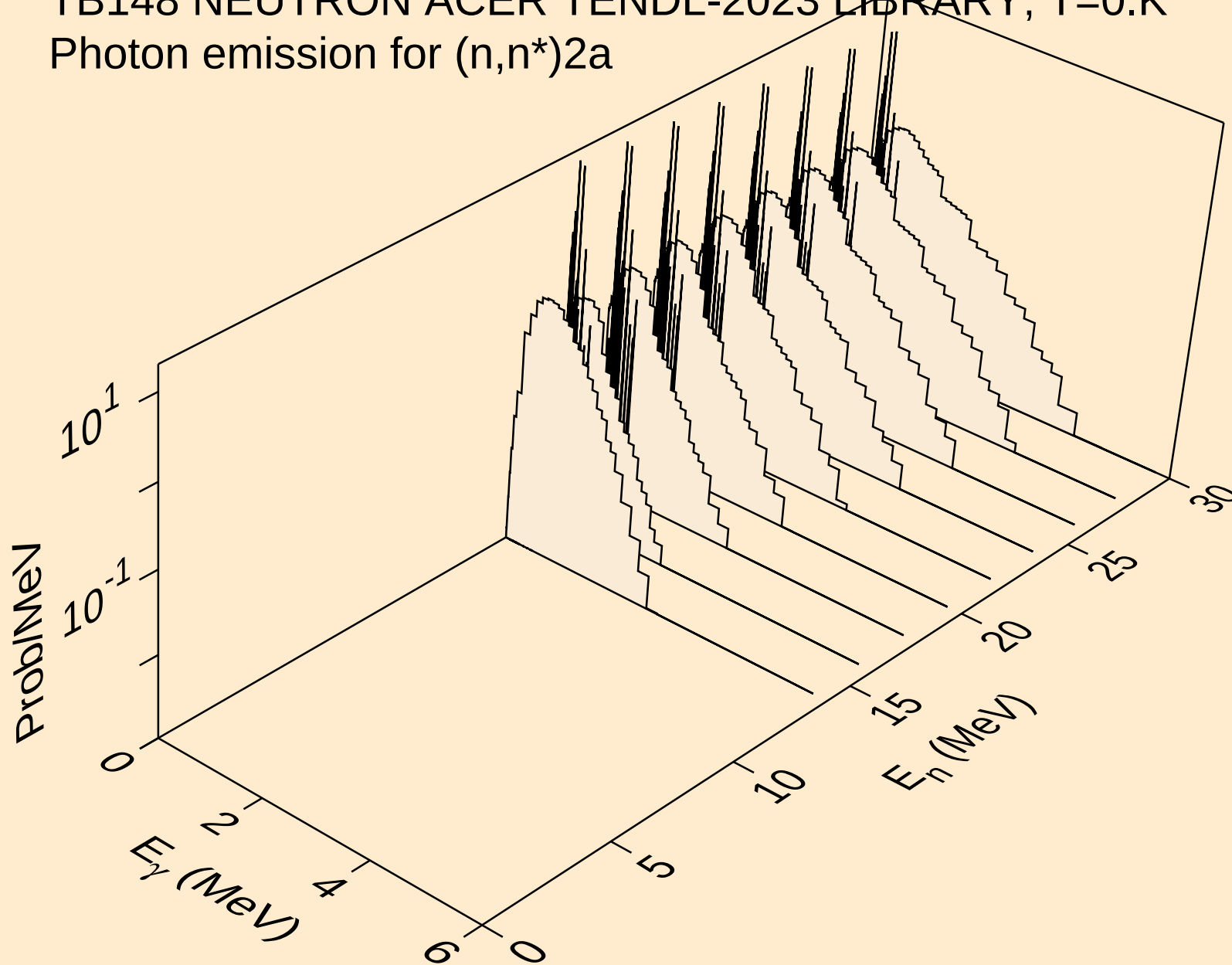


TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p

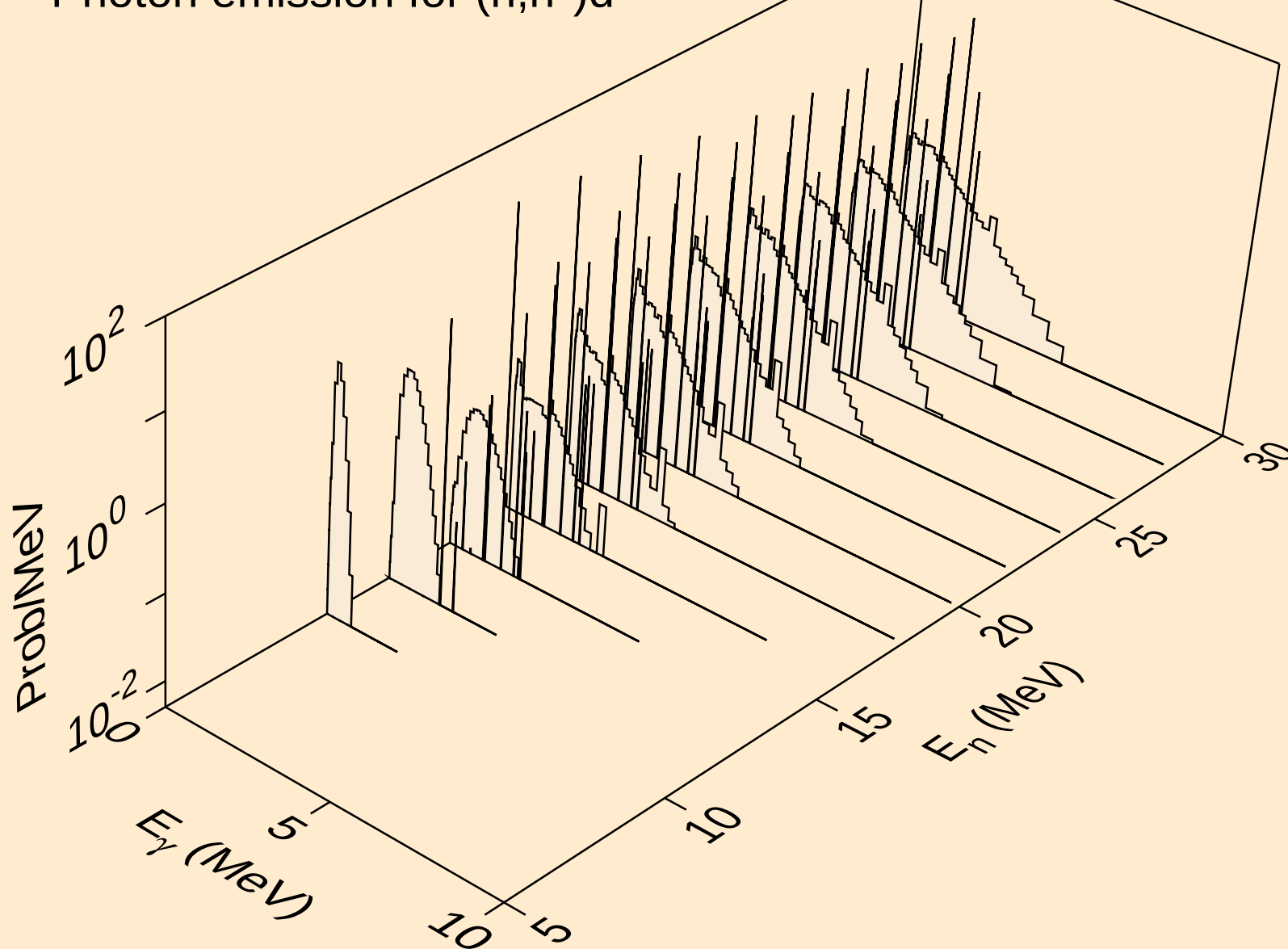


TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)2a

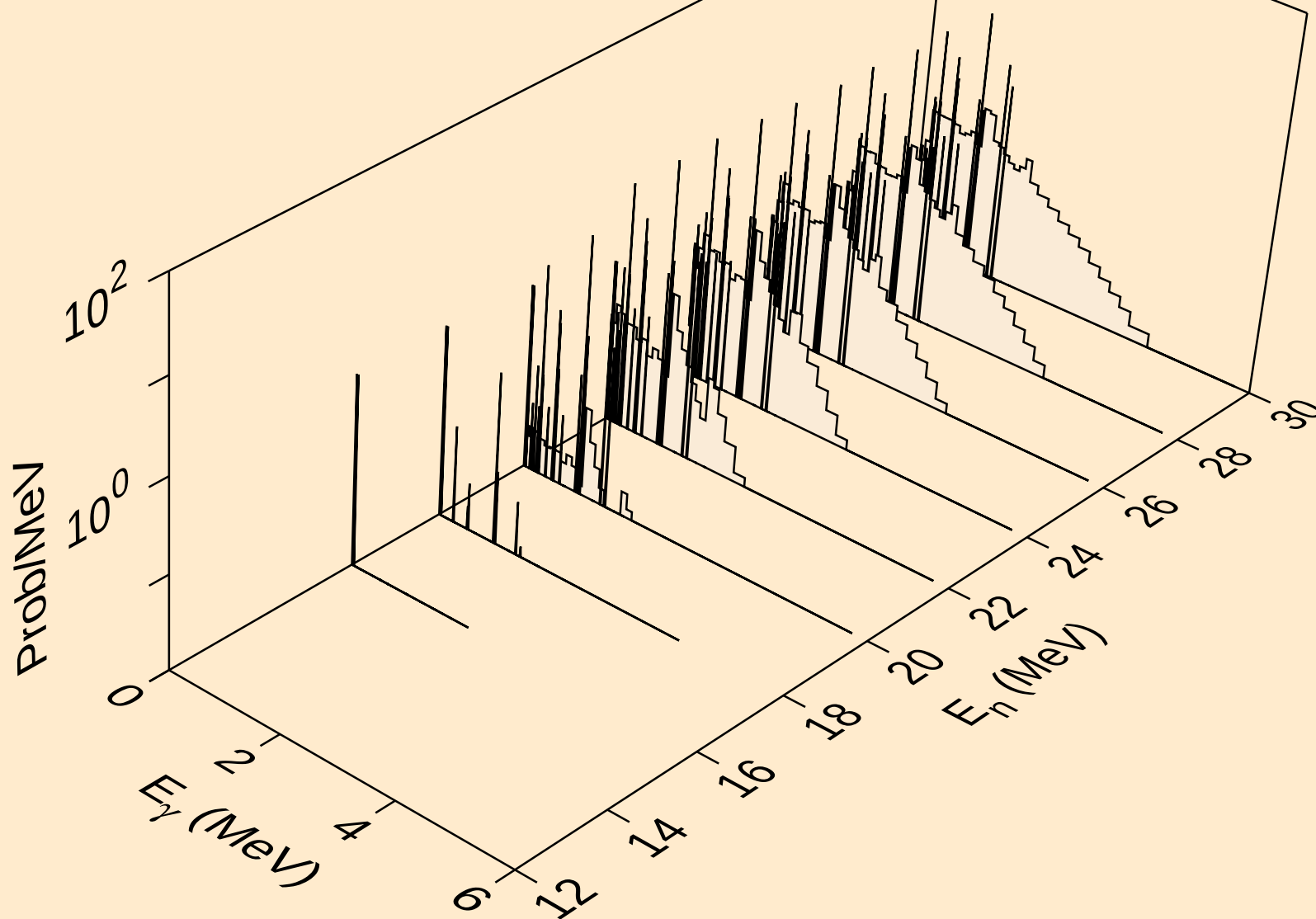


TB148 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for $(n,n^*)d$

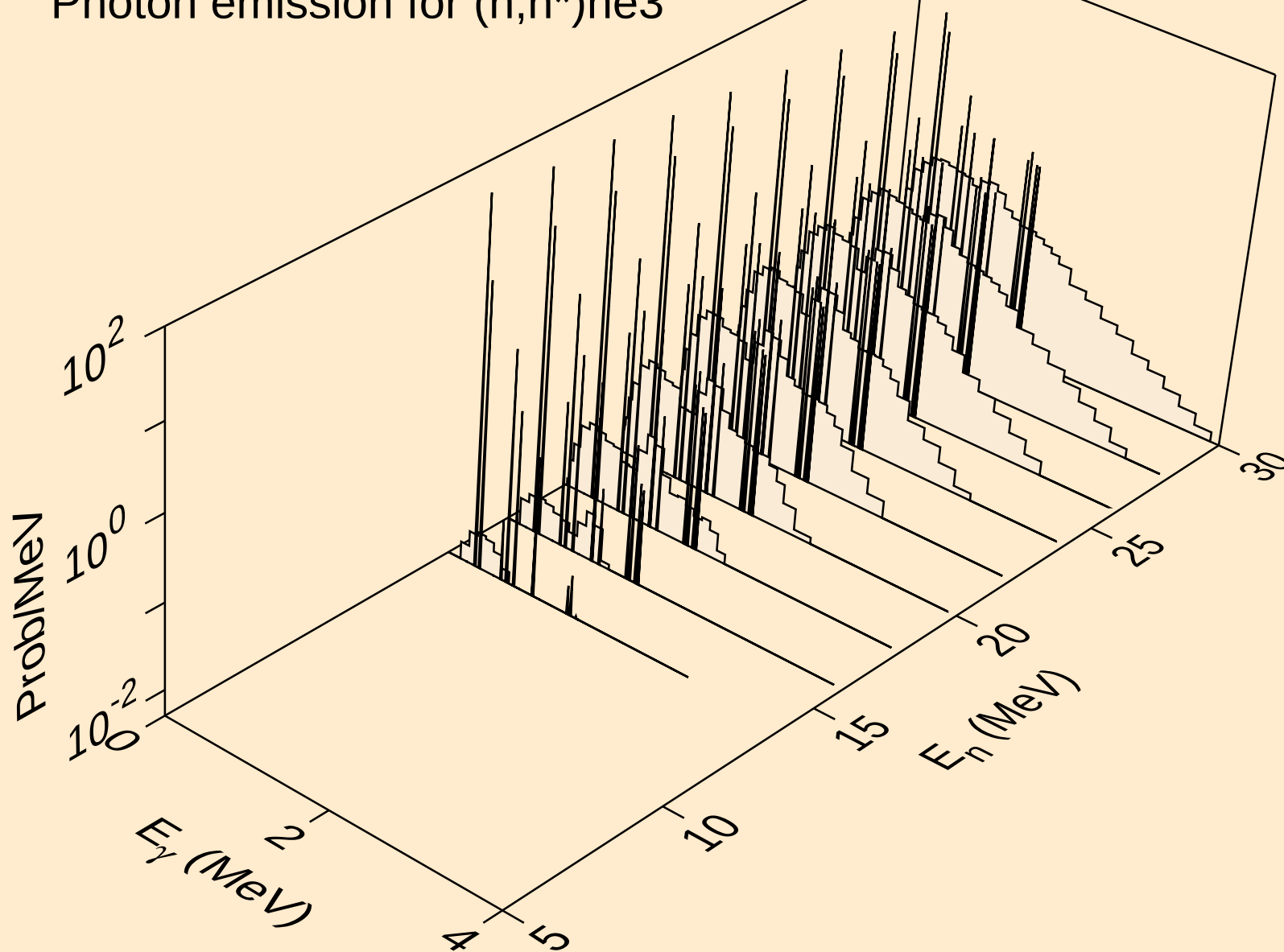


TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

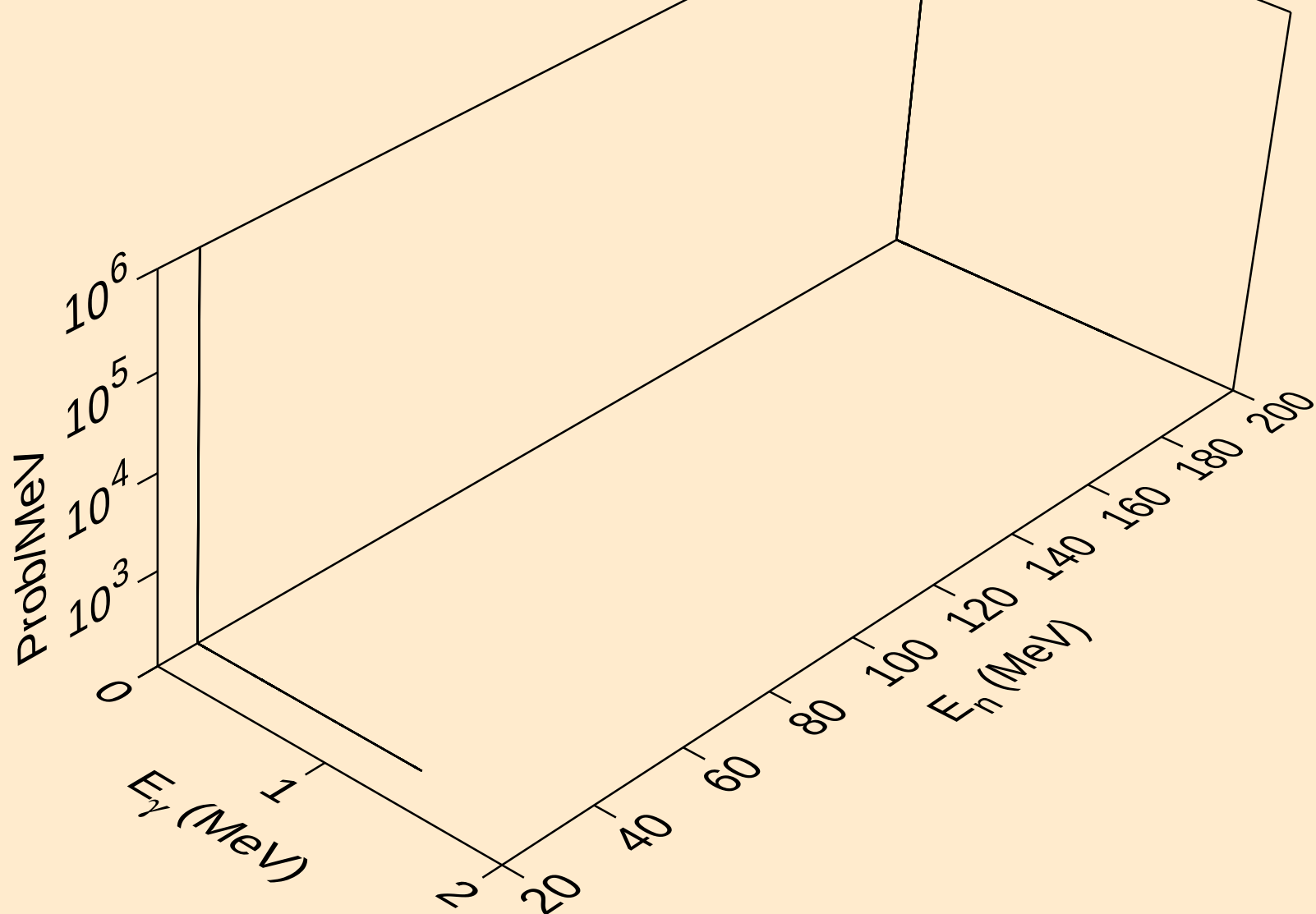
Photon emission for (n,n*)t



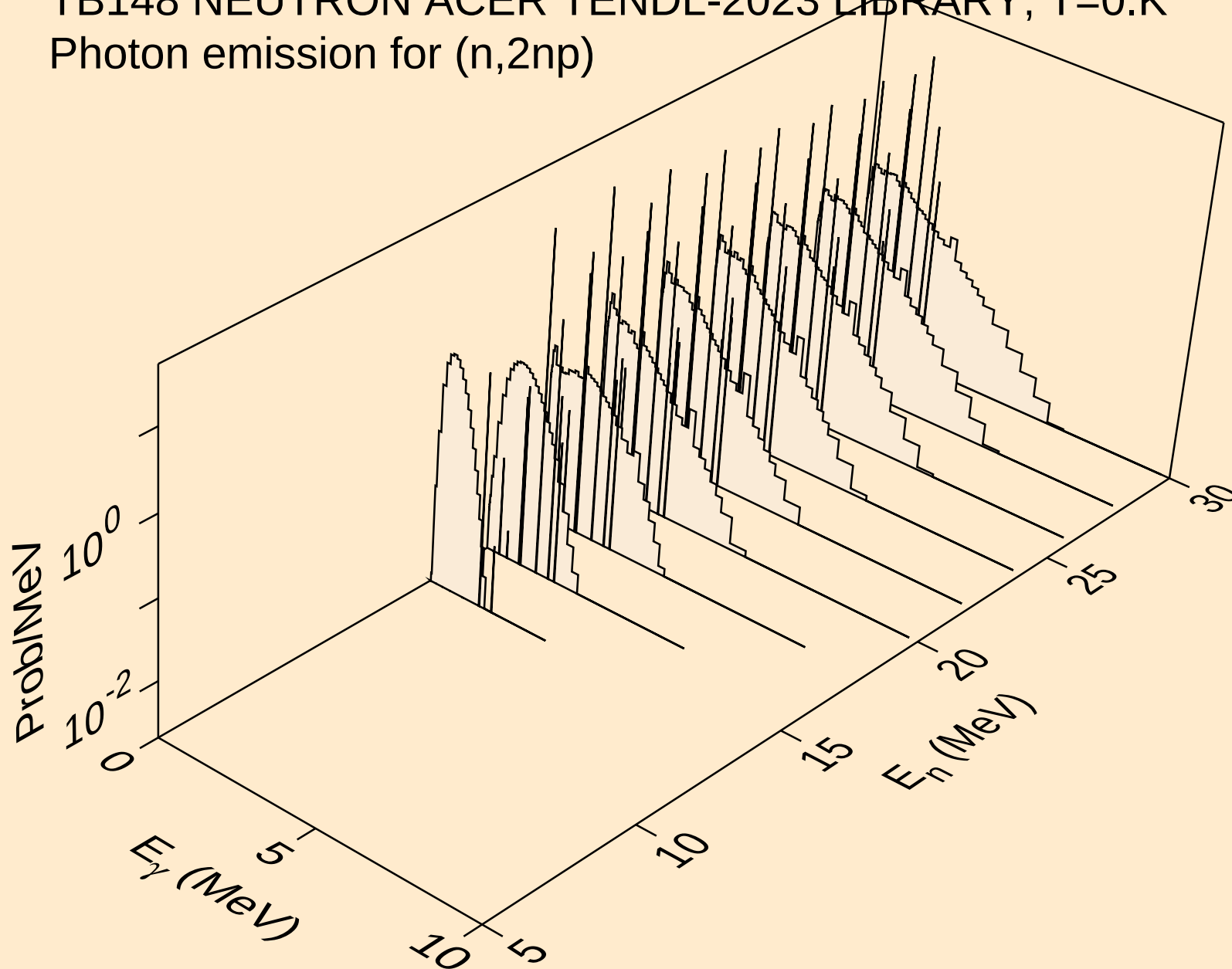
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



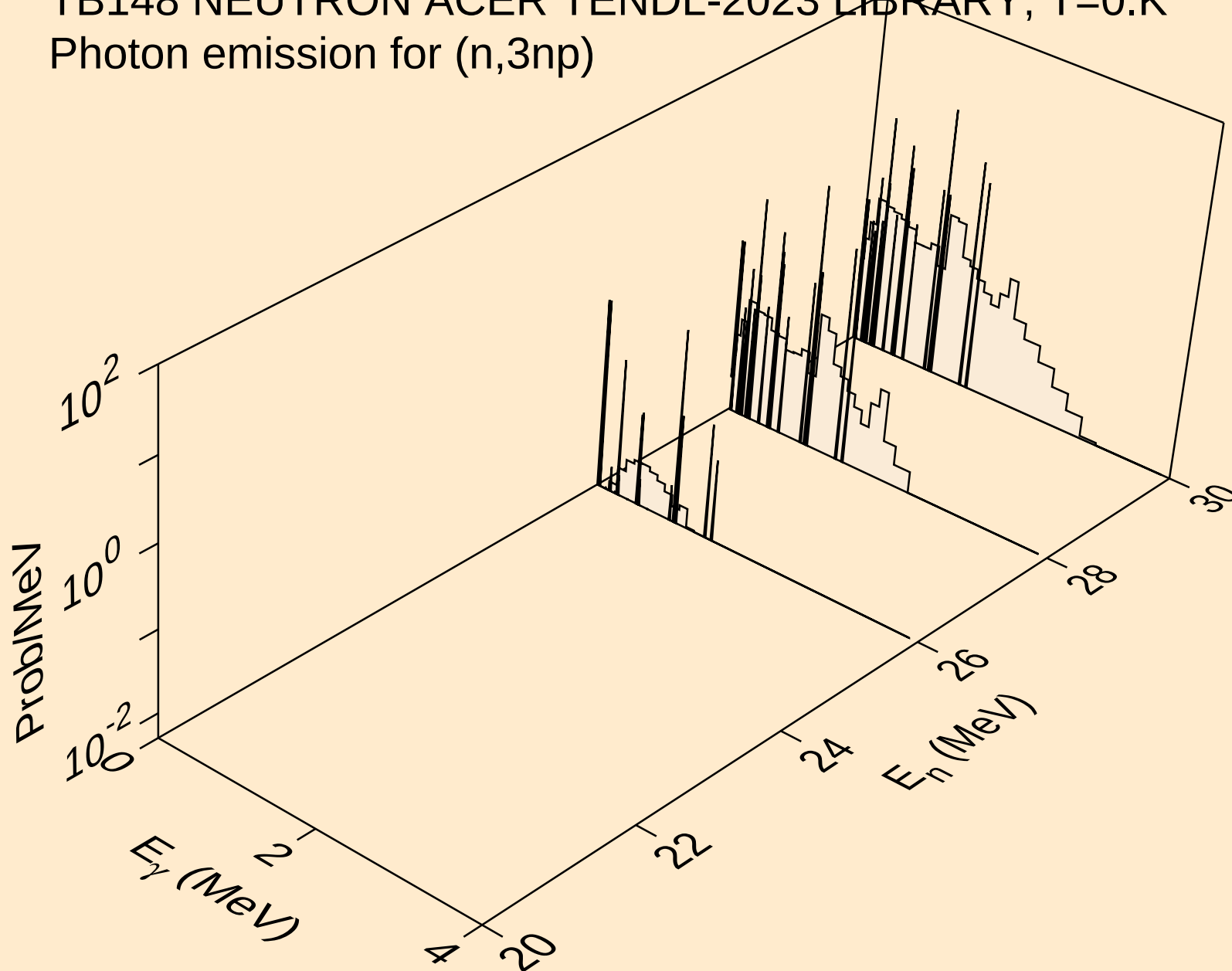
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



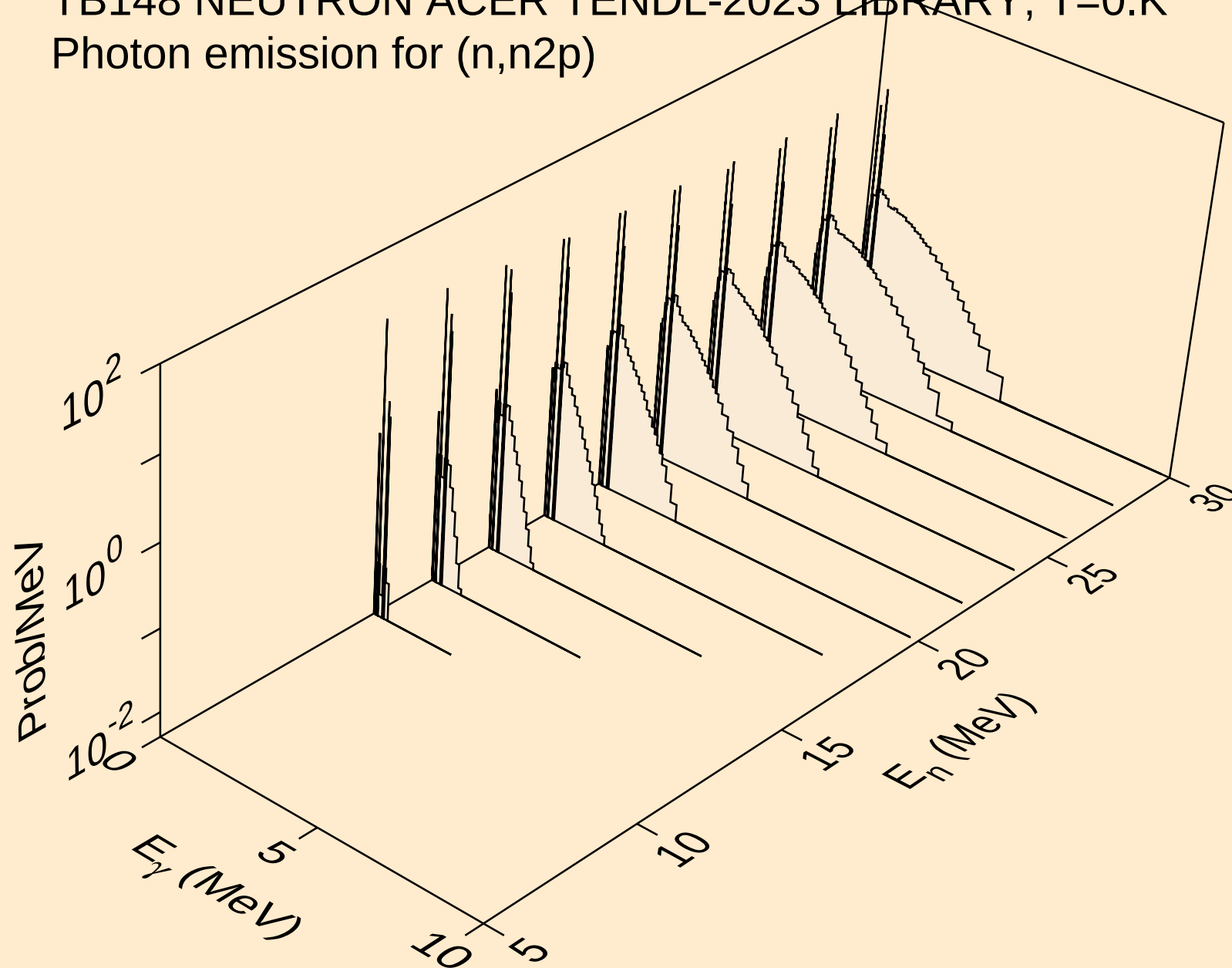
TB148 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2np)



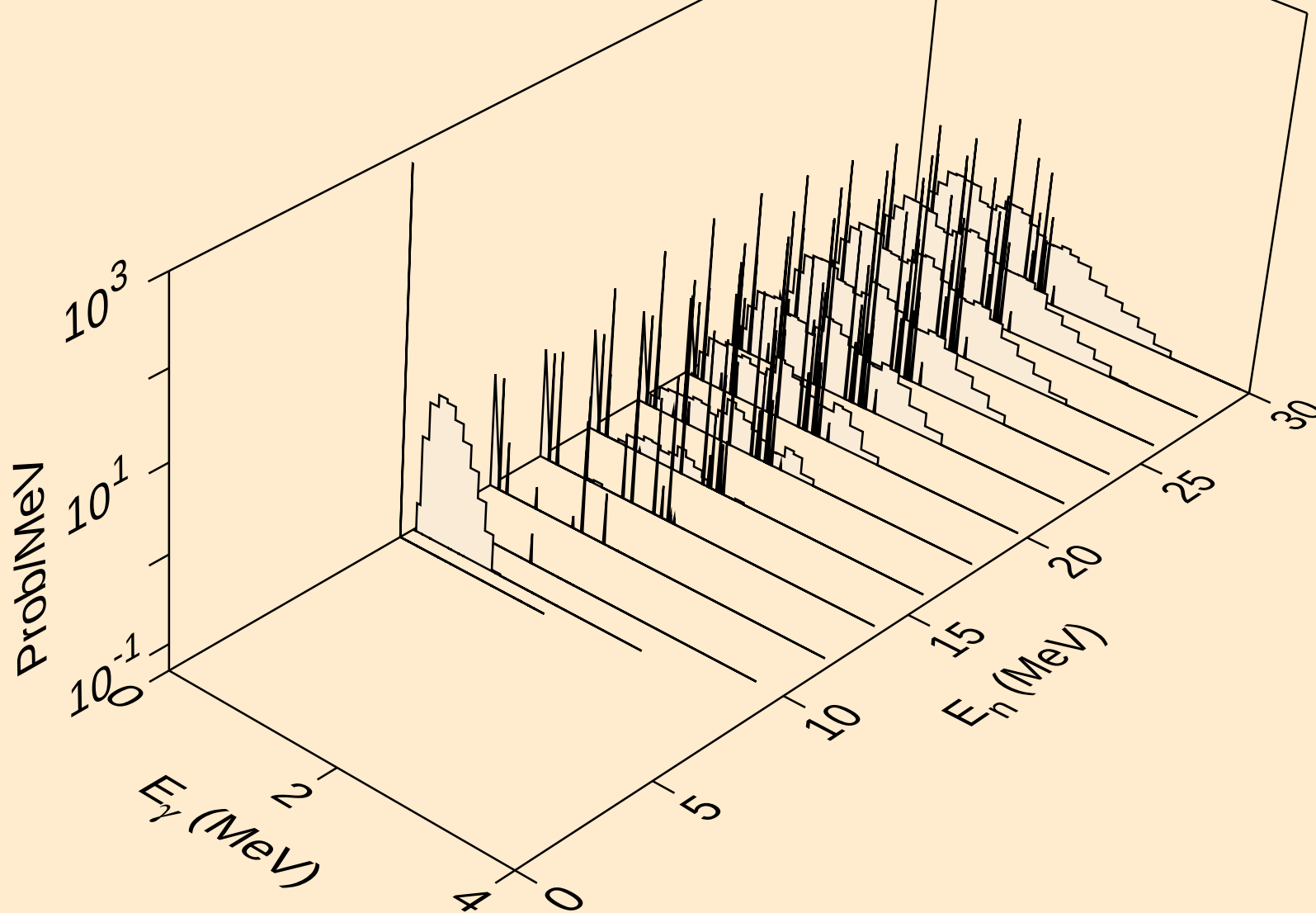
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



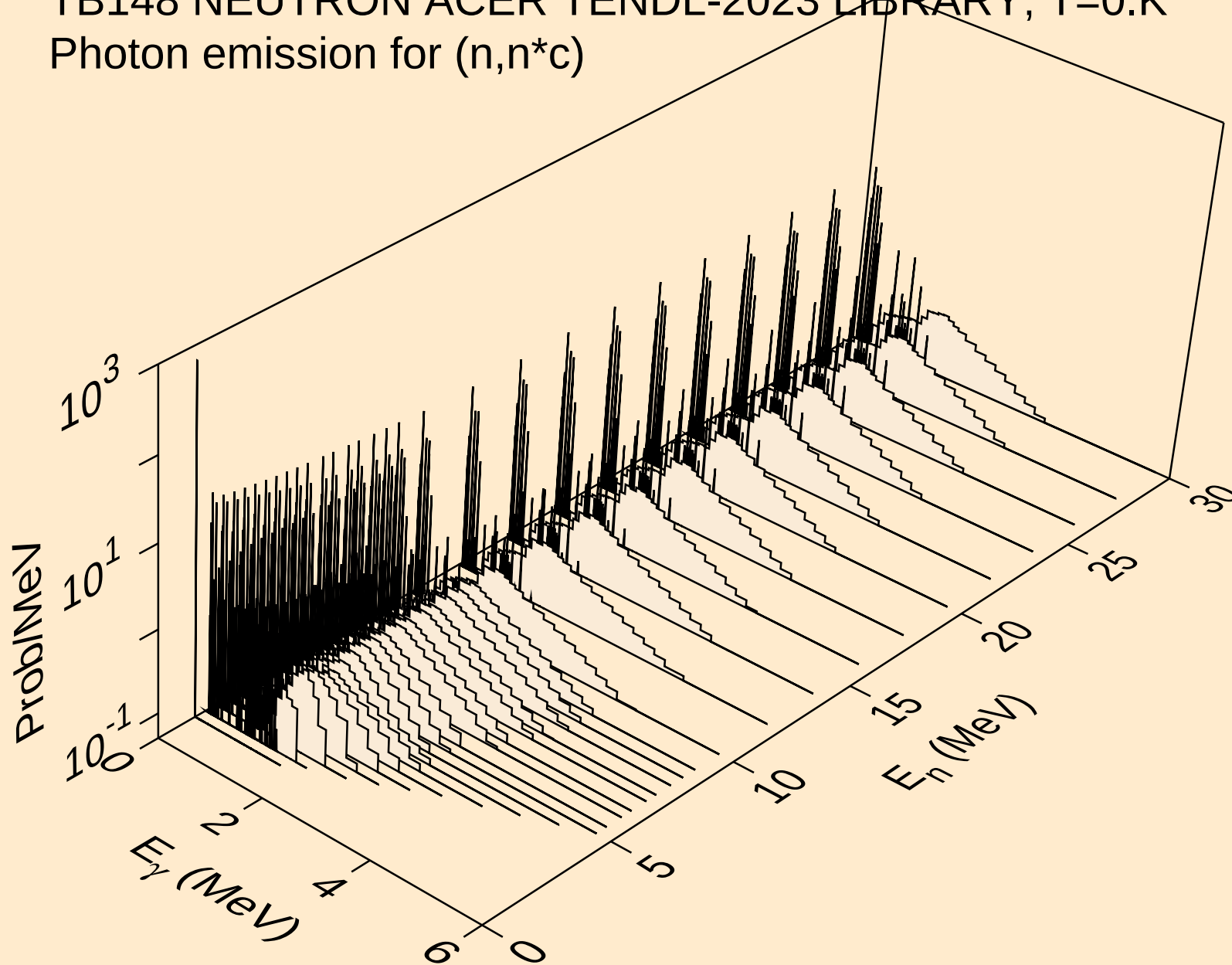
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



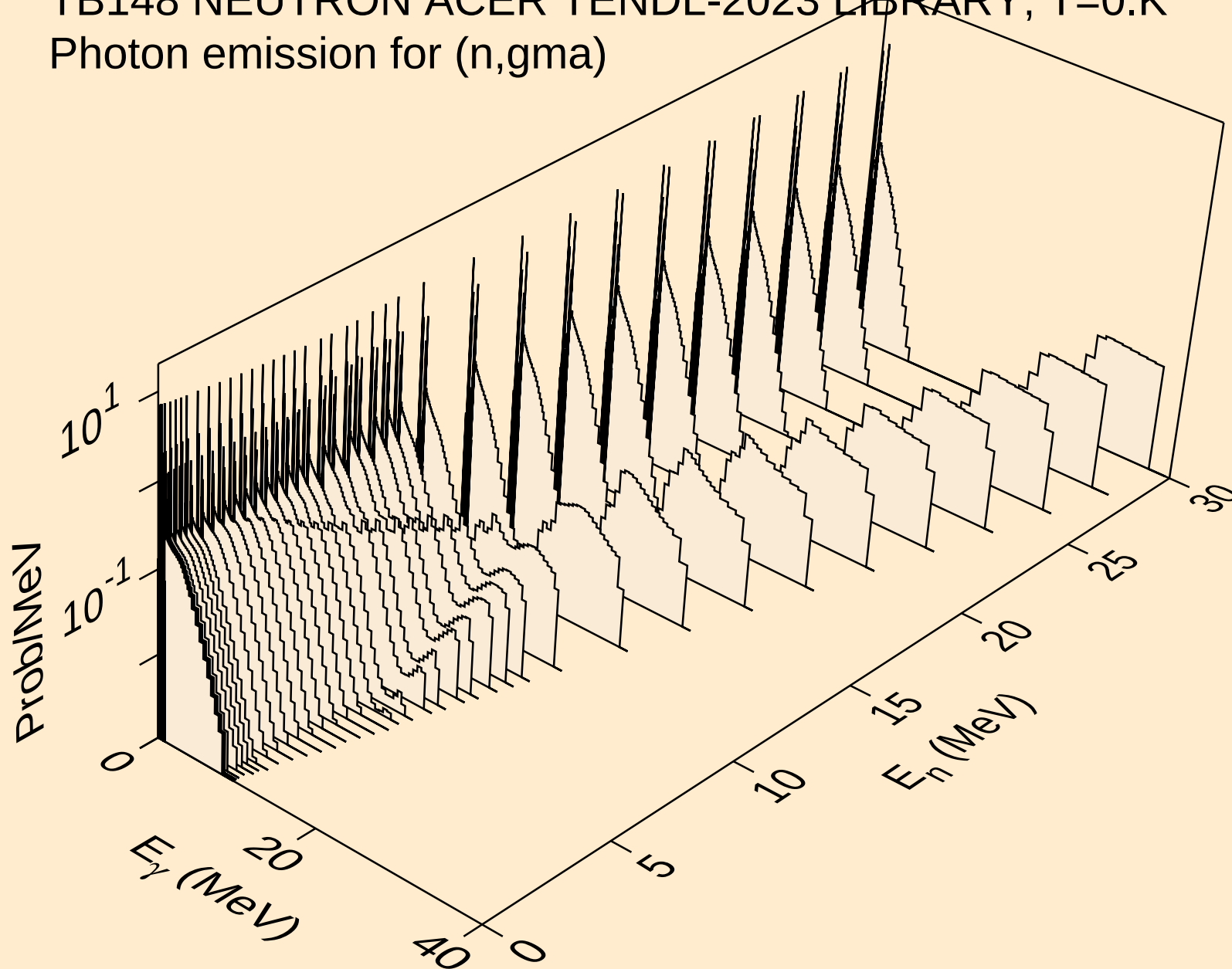
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



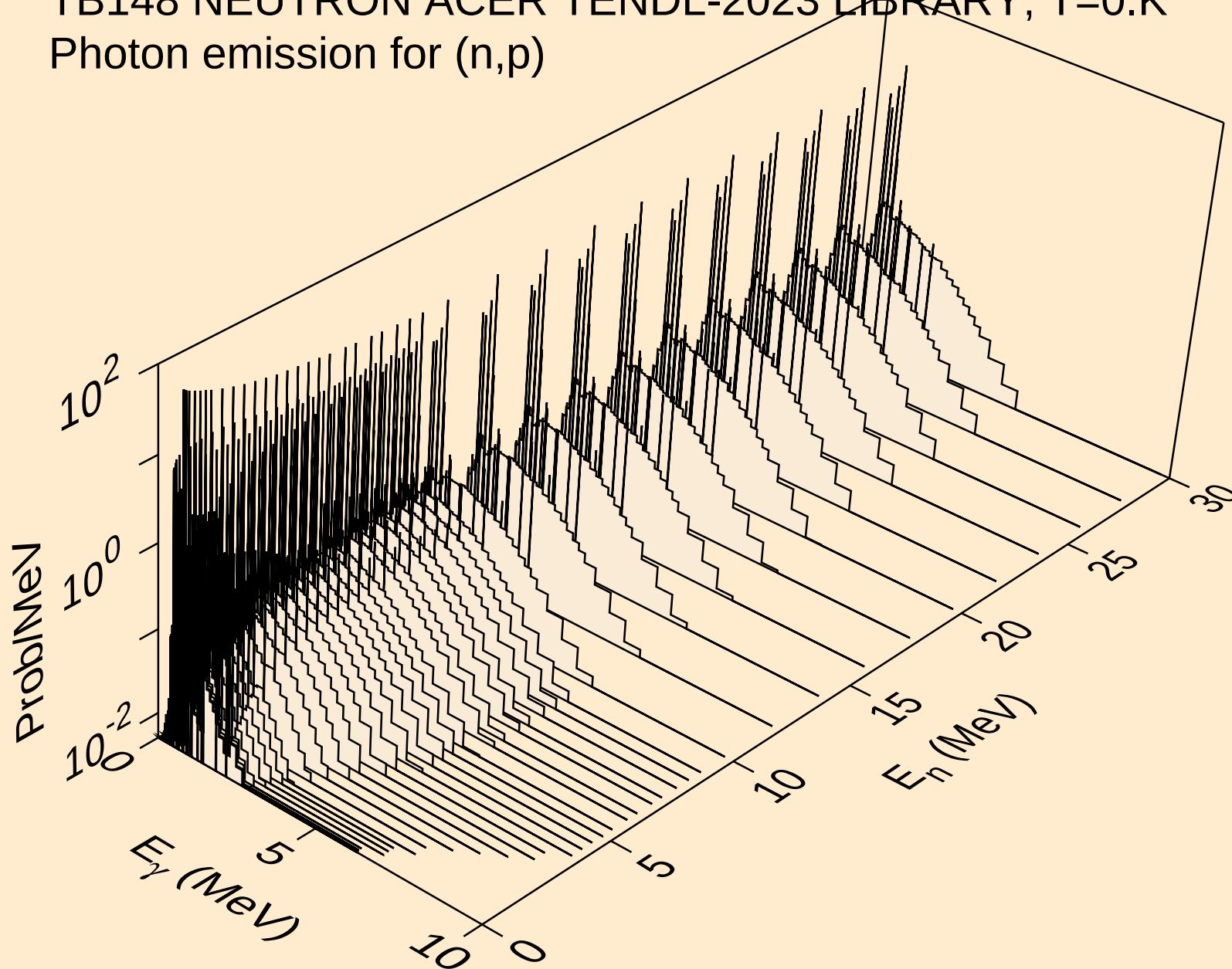
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



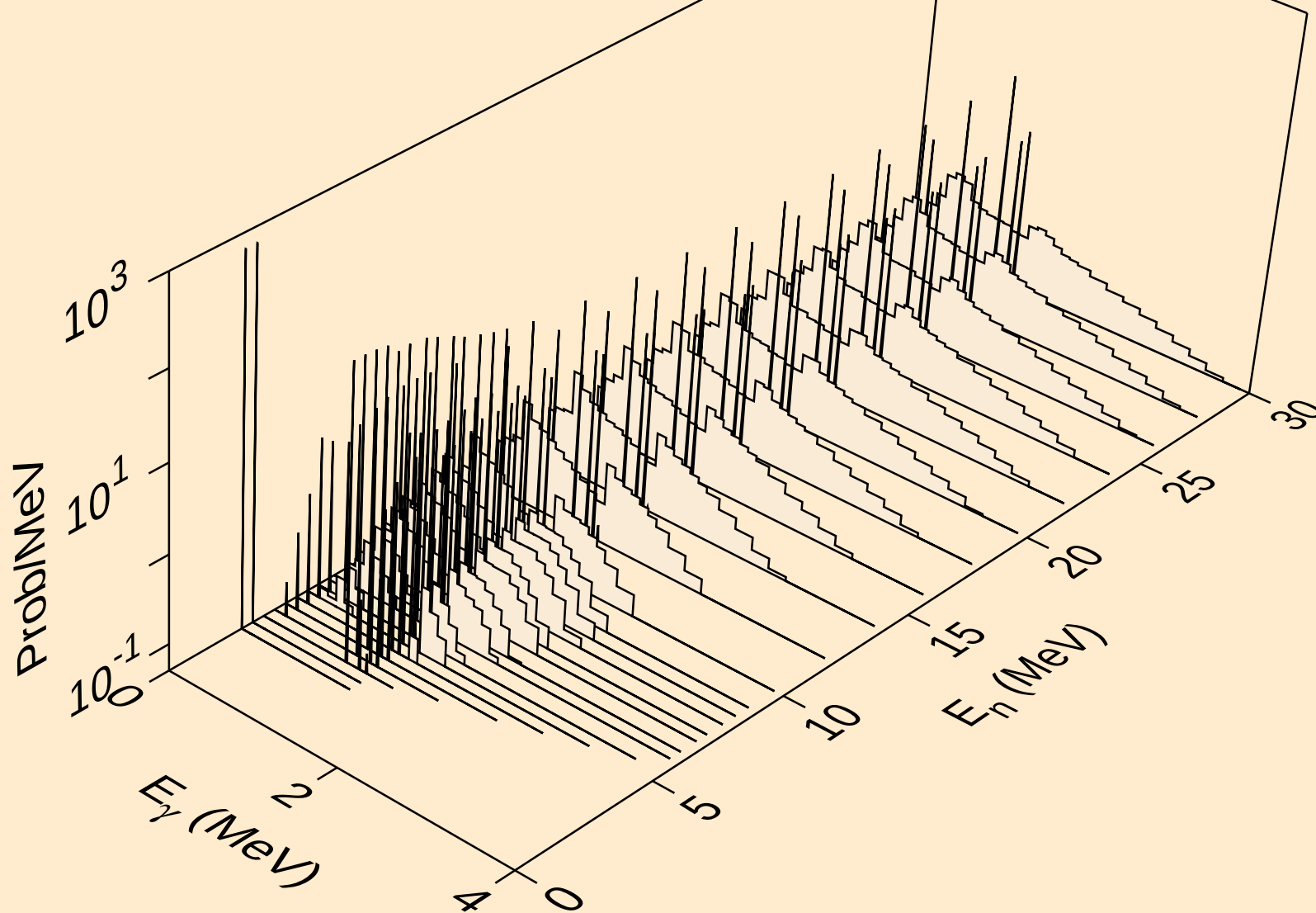
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



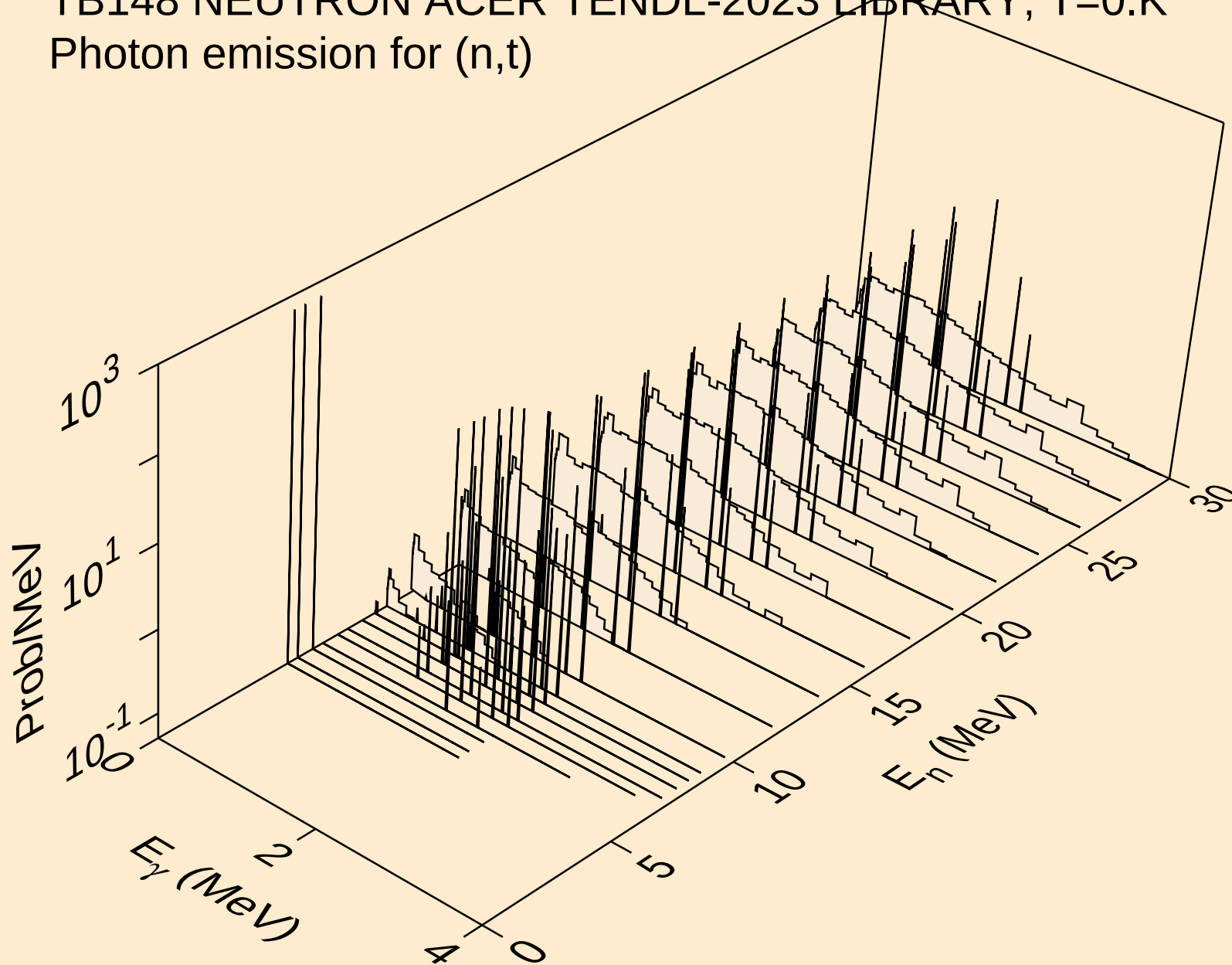
TB148 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,p)



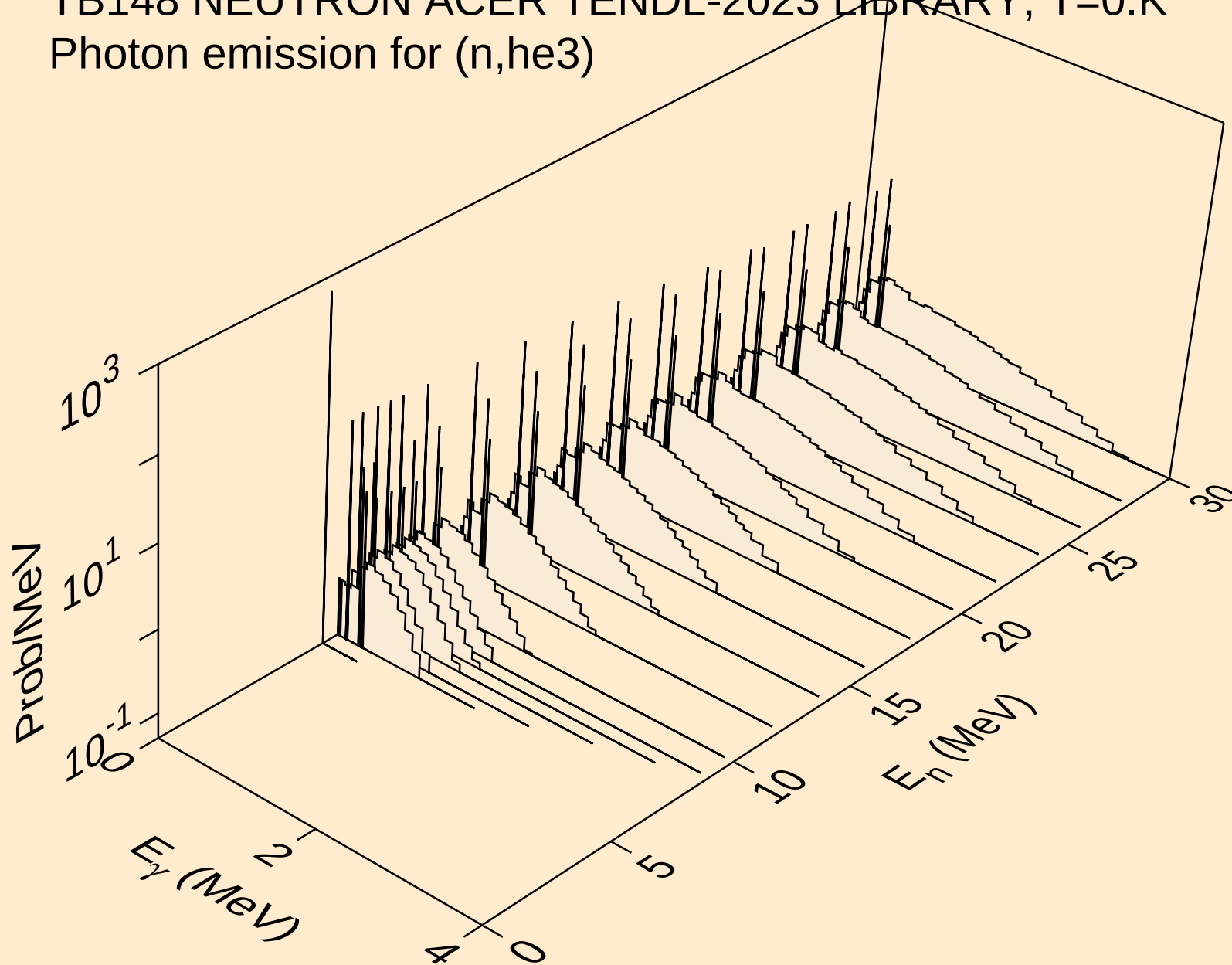
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



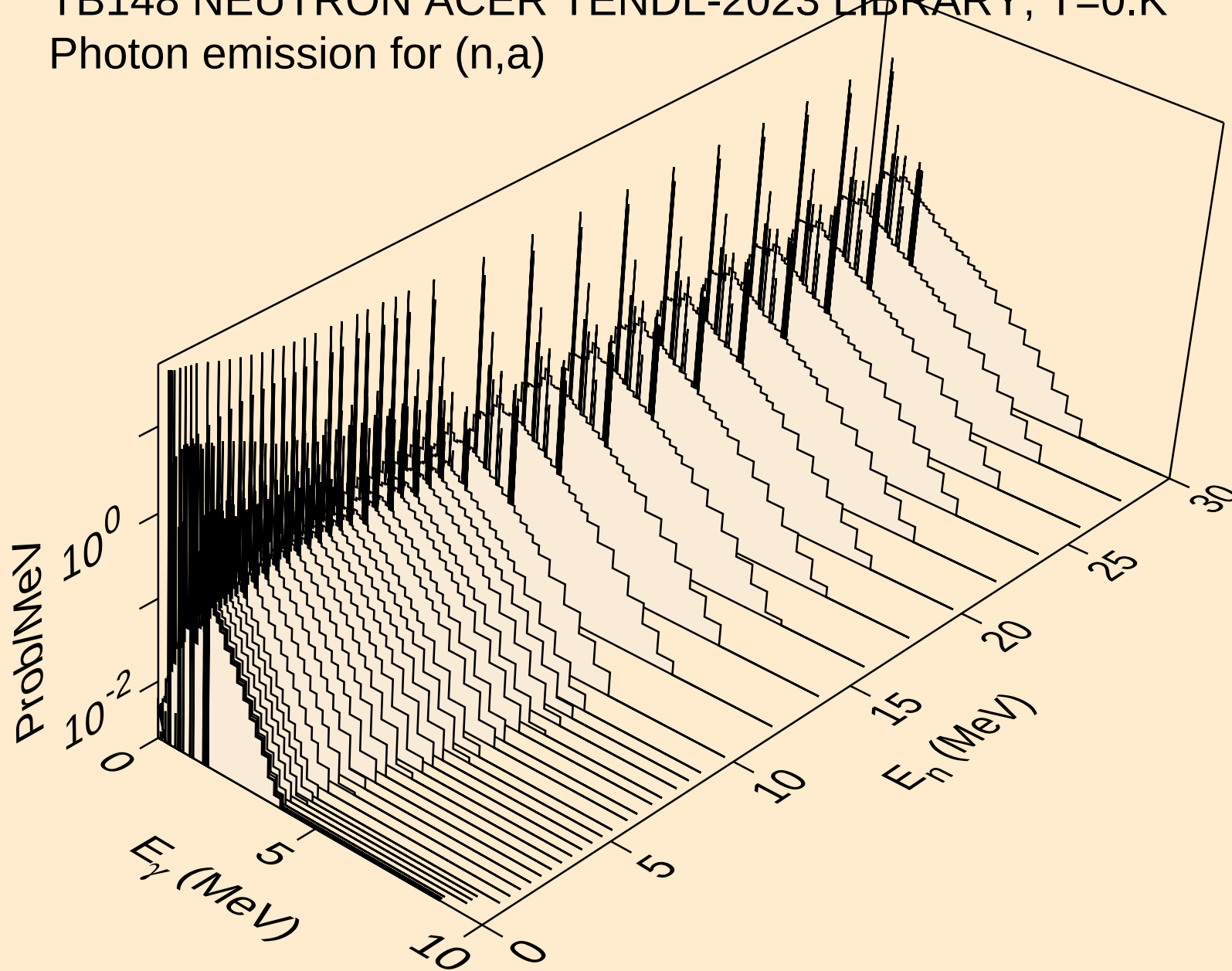
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



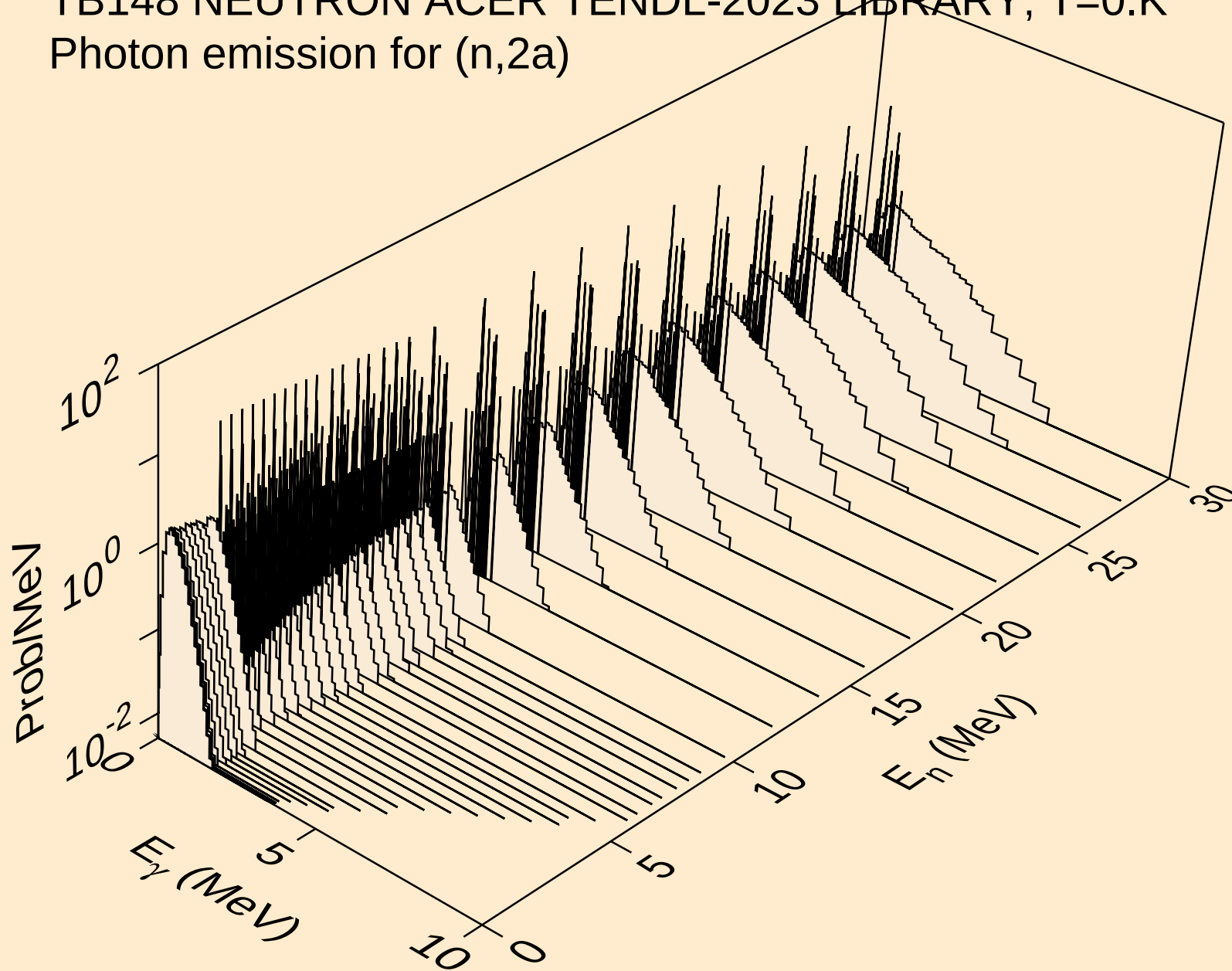
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



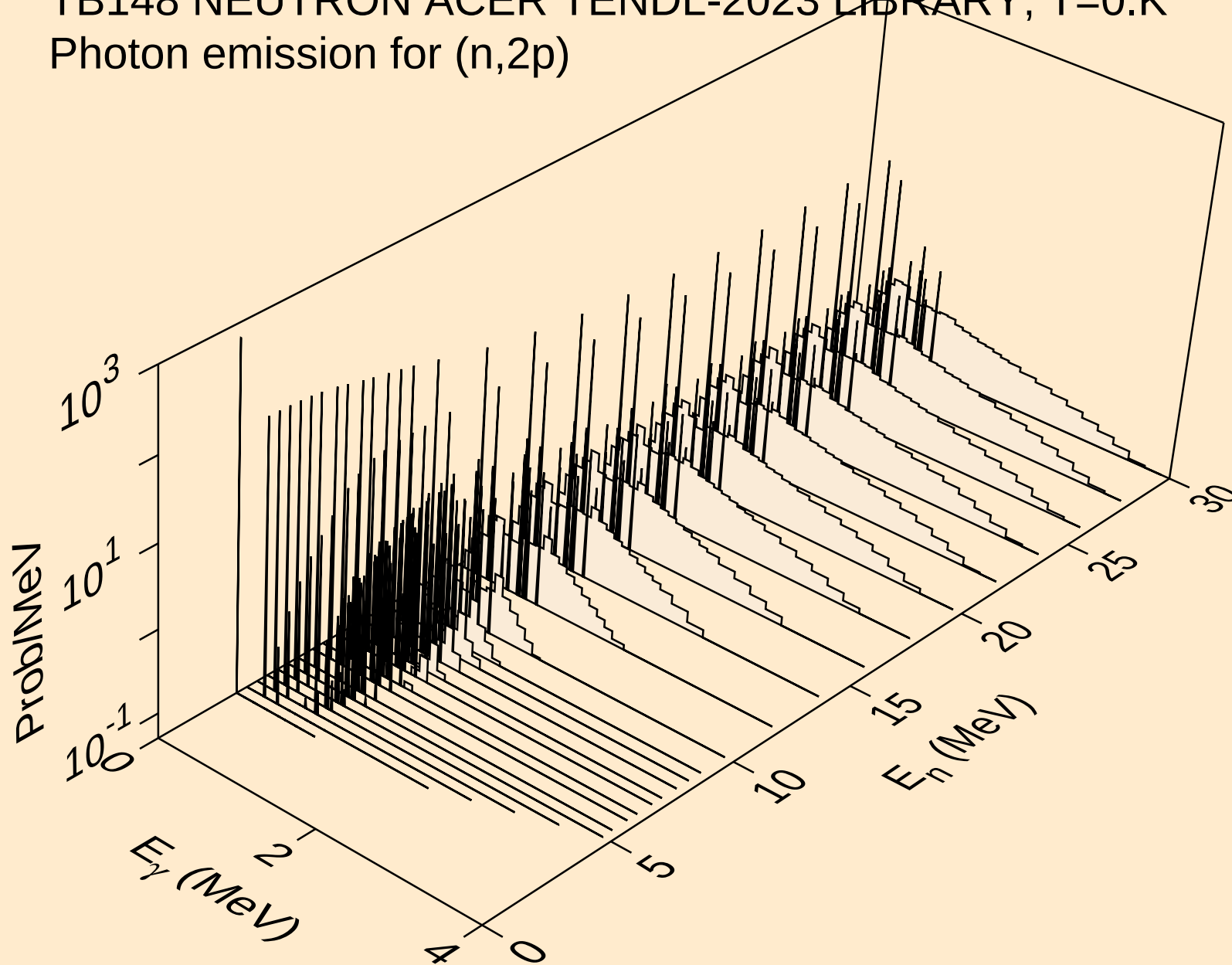
TB148 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,a)



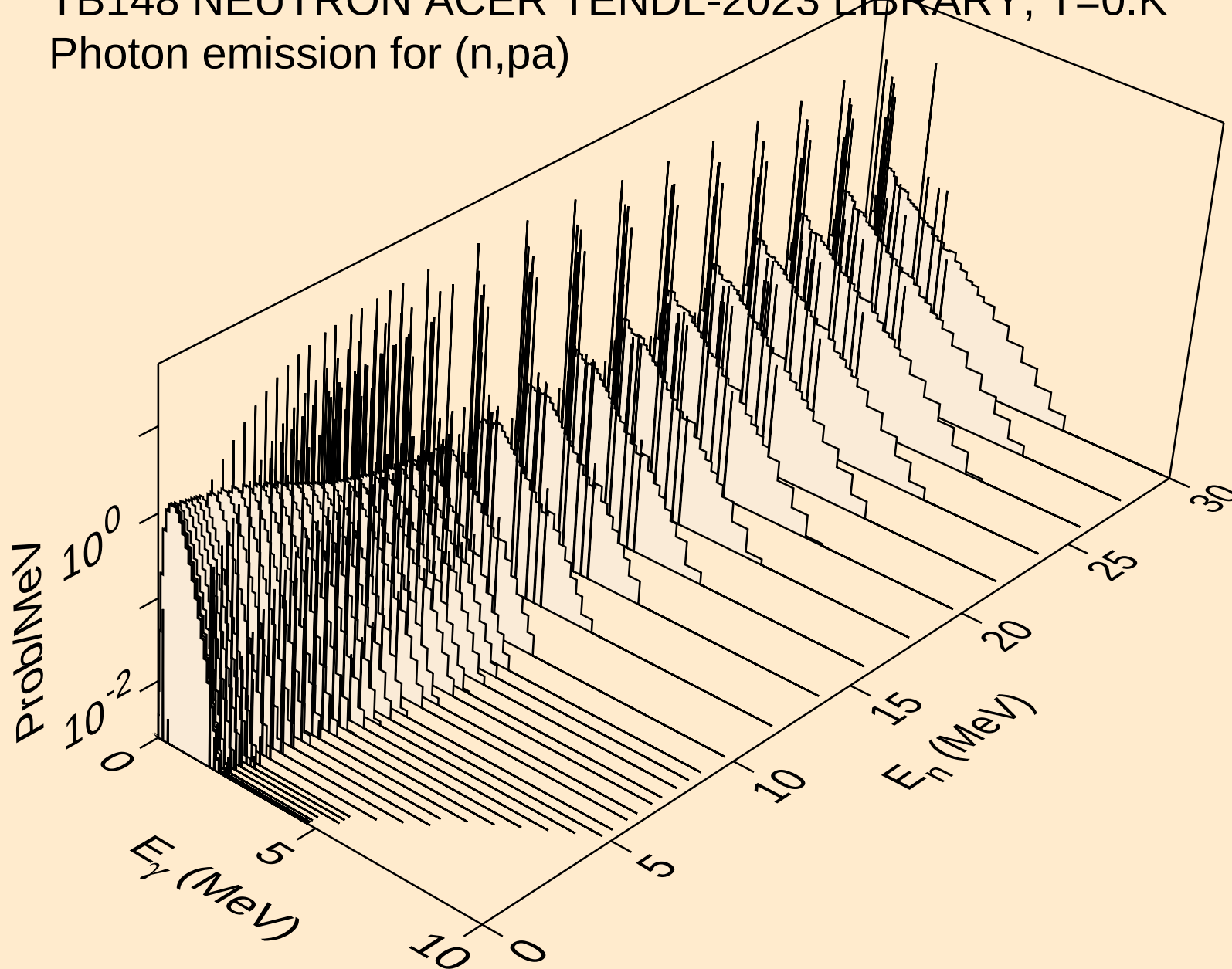
TB148 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2a)



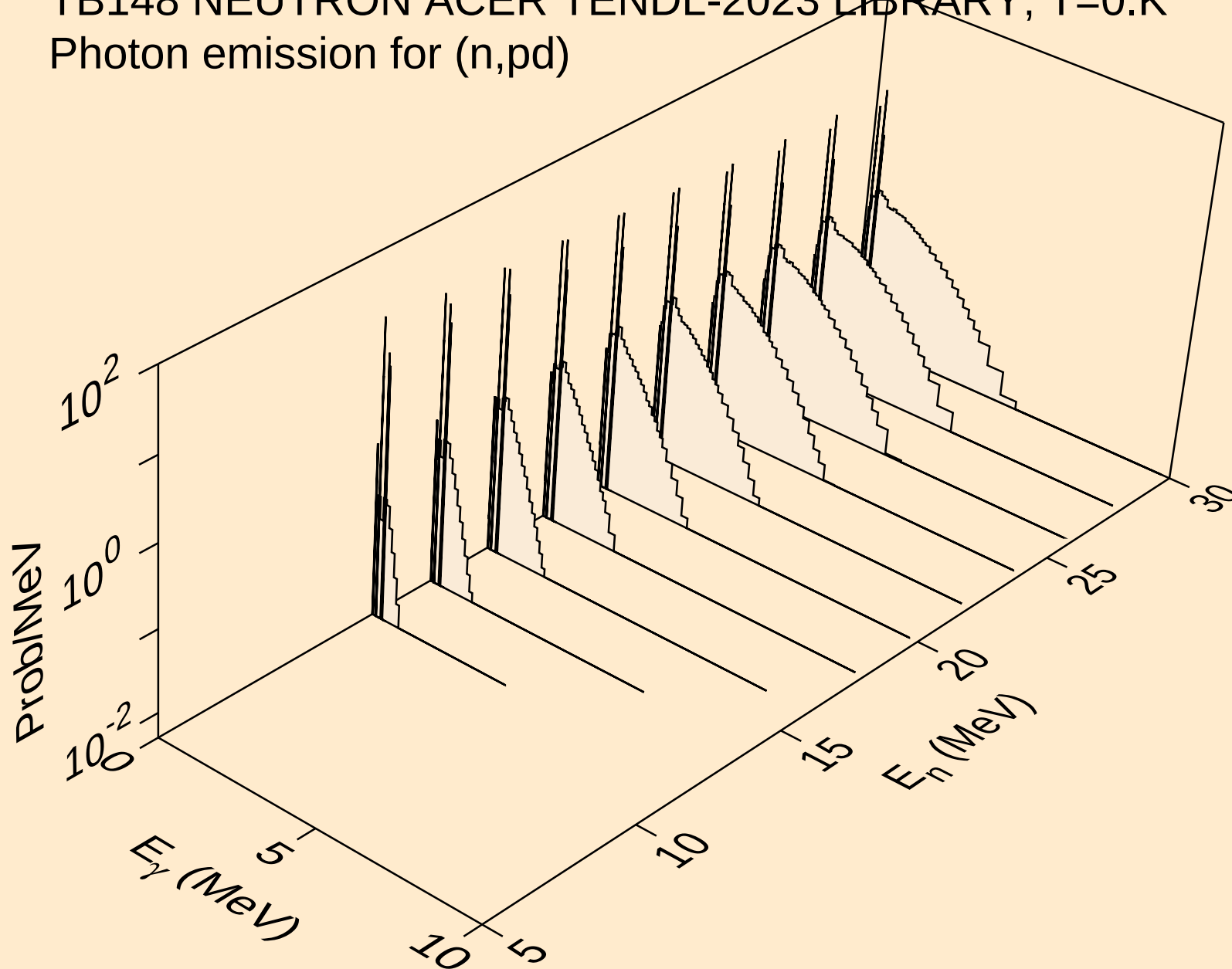
TB148 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
Photon emission for (n,2p)



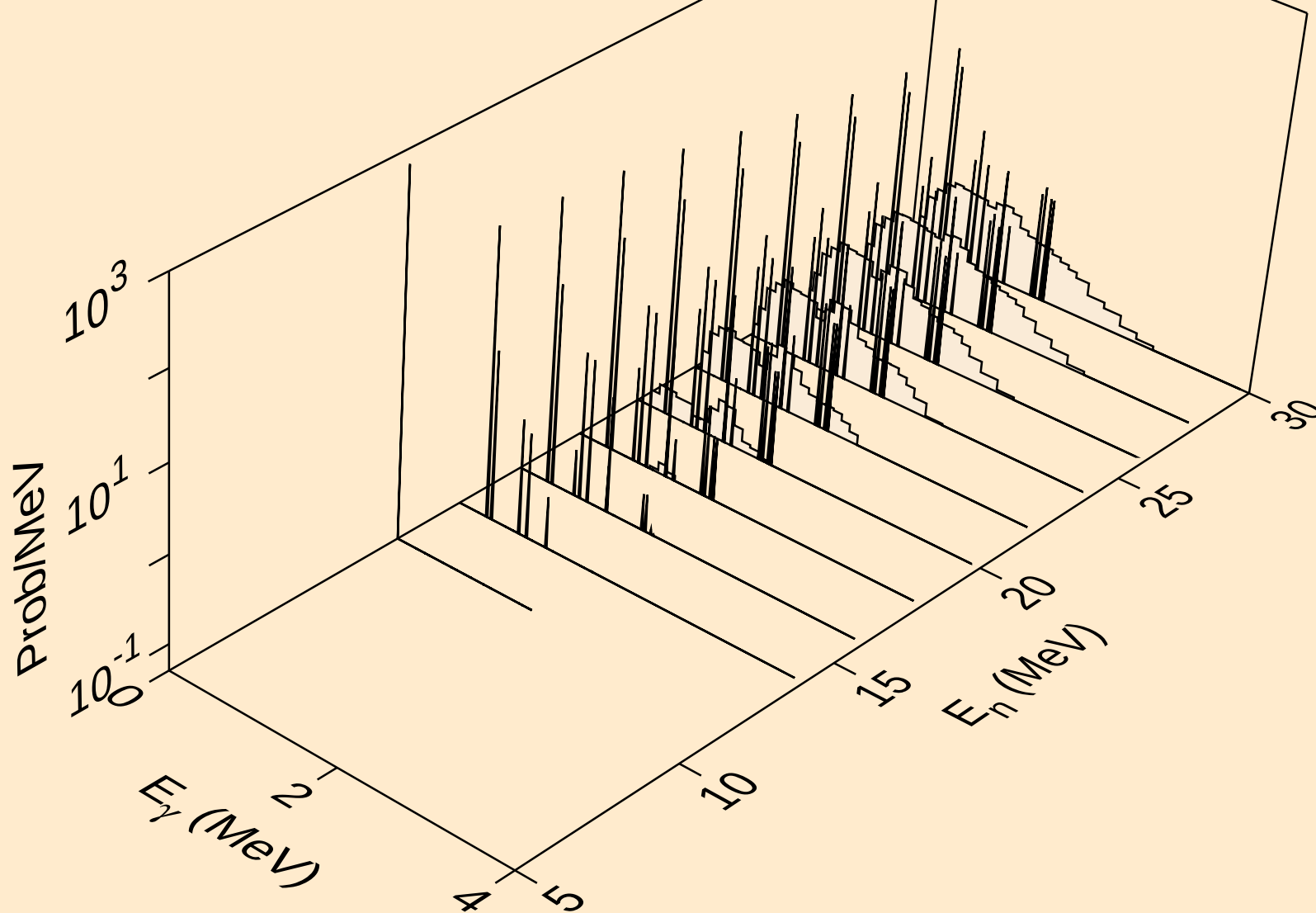
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



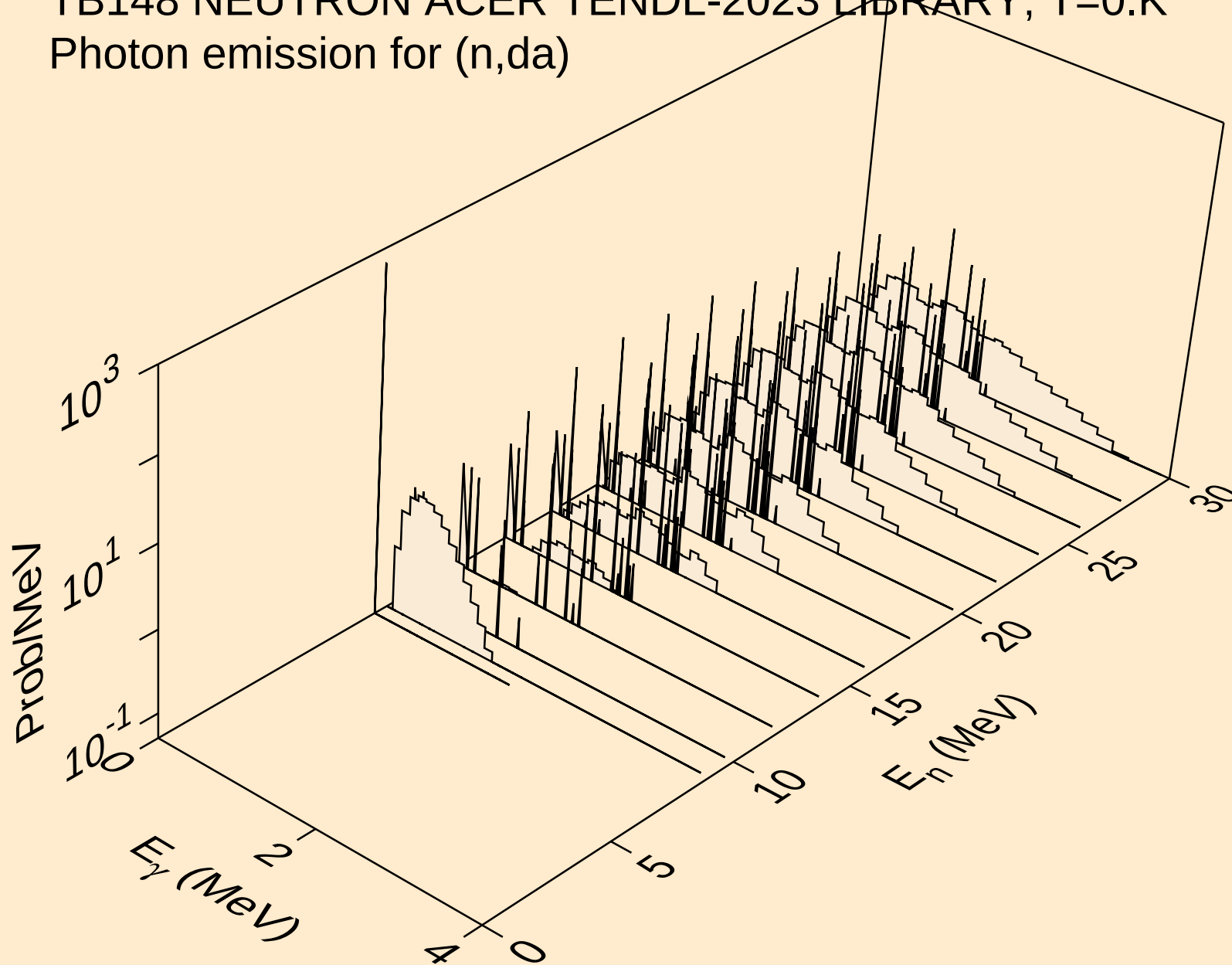
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



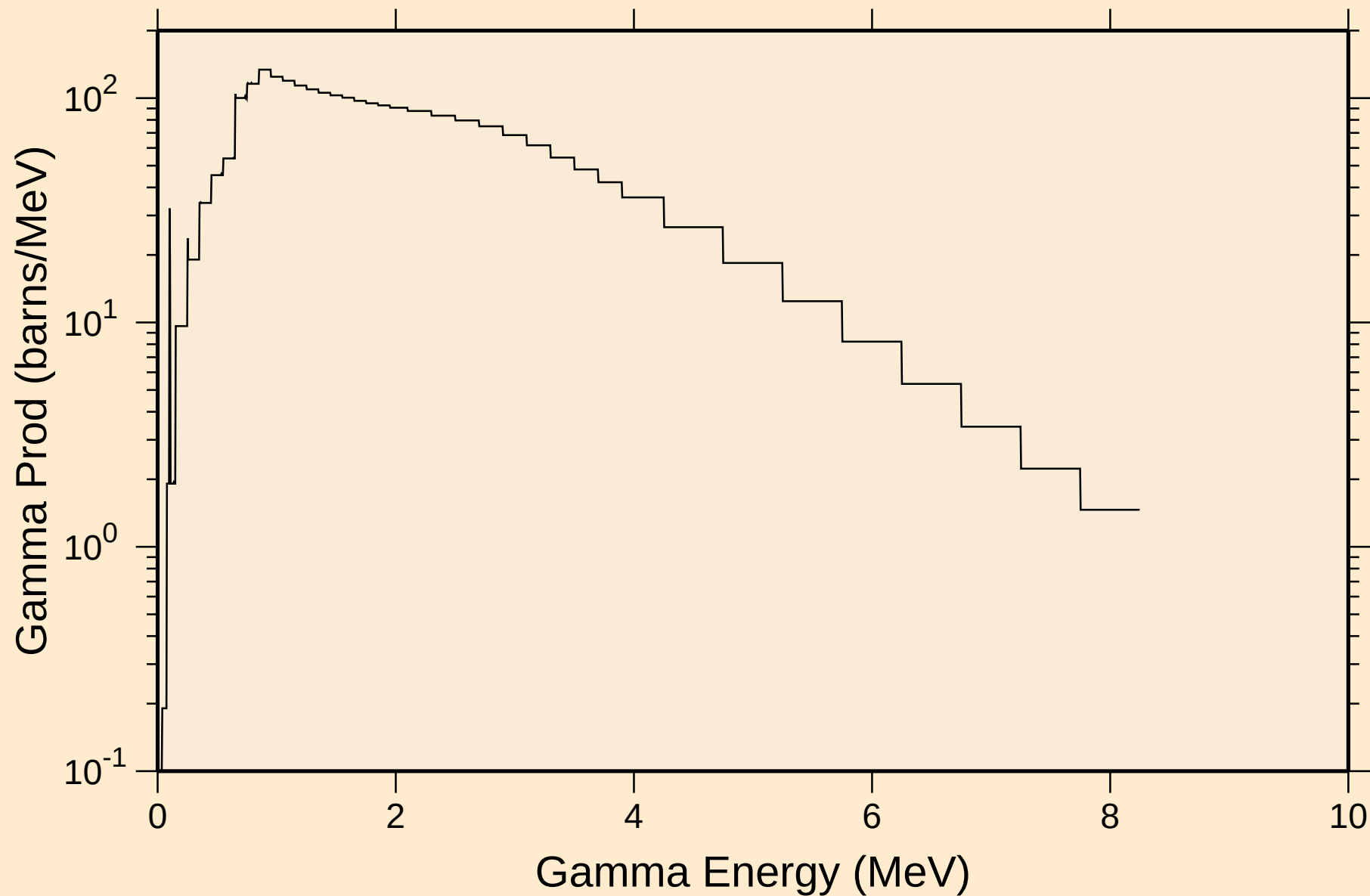
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



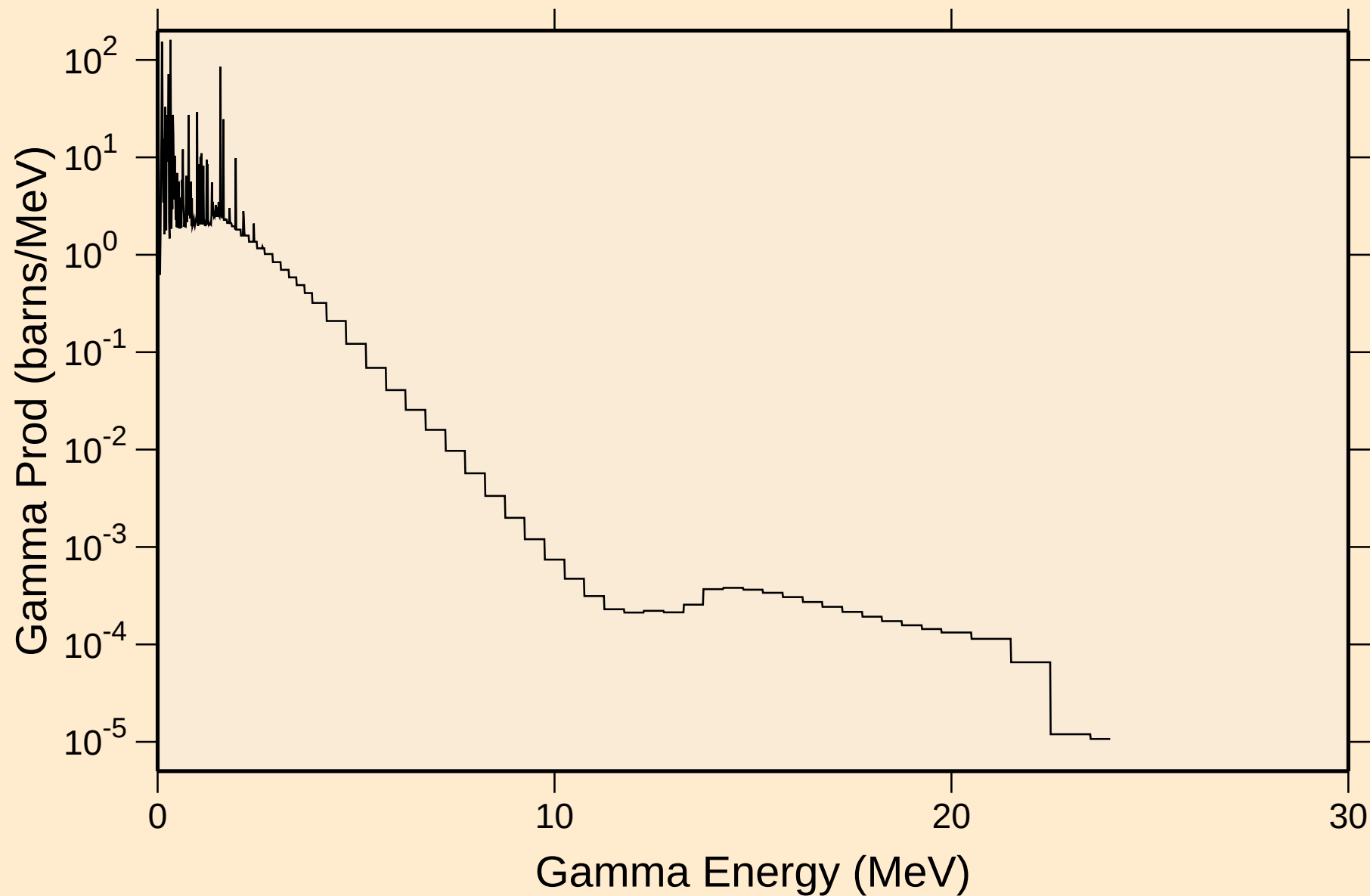
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



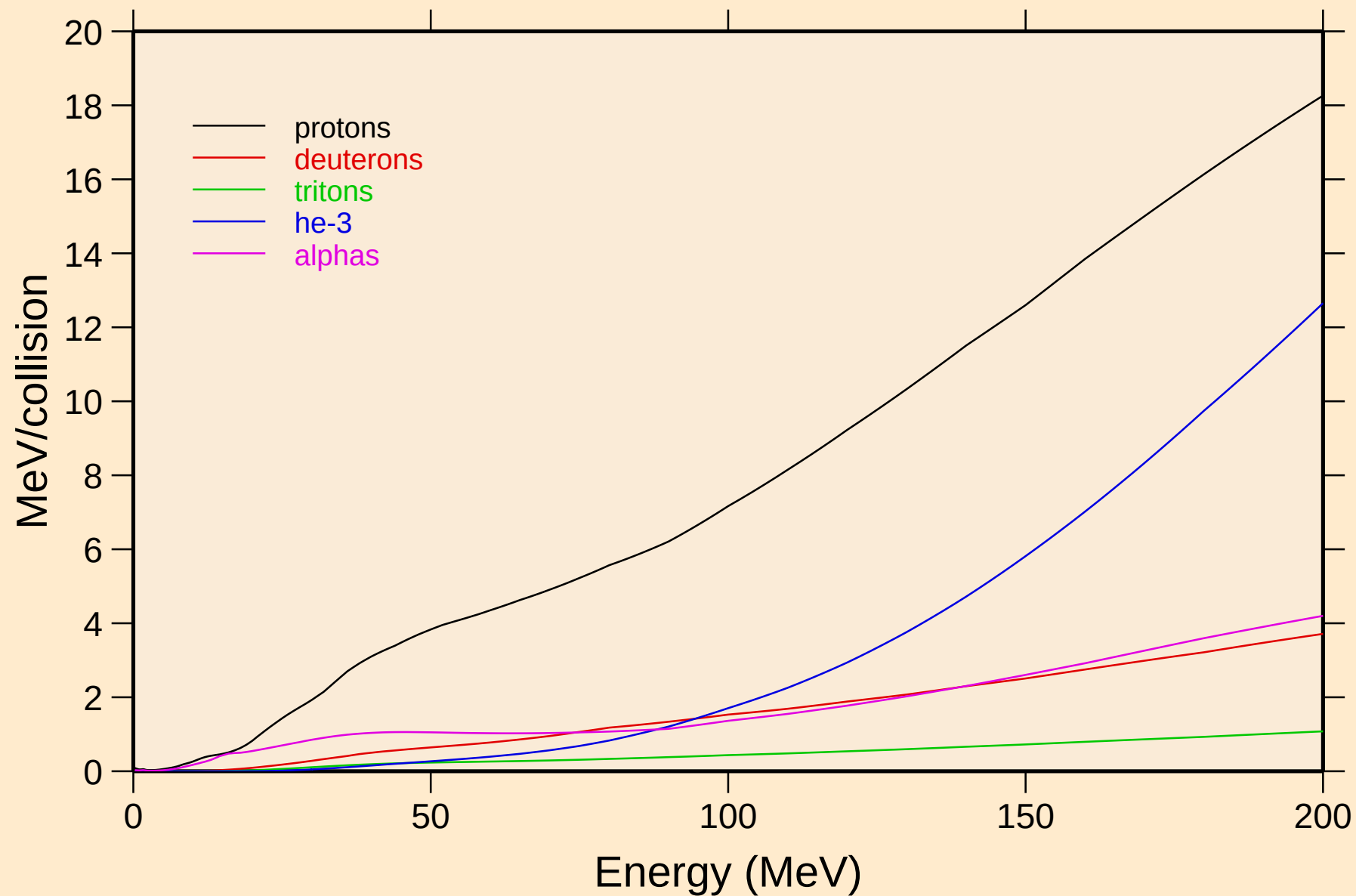
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum



TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

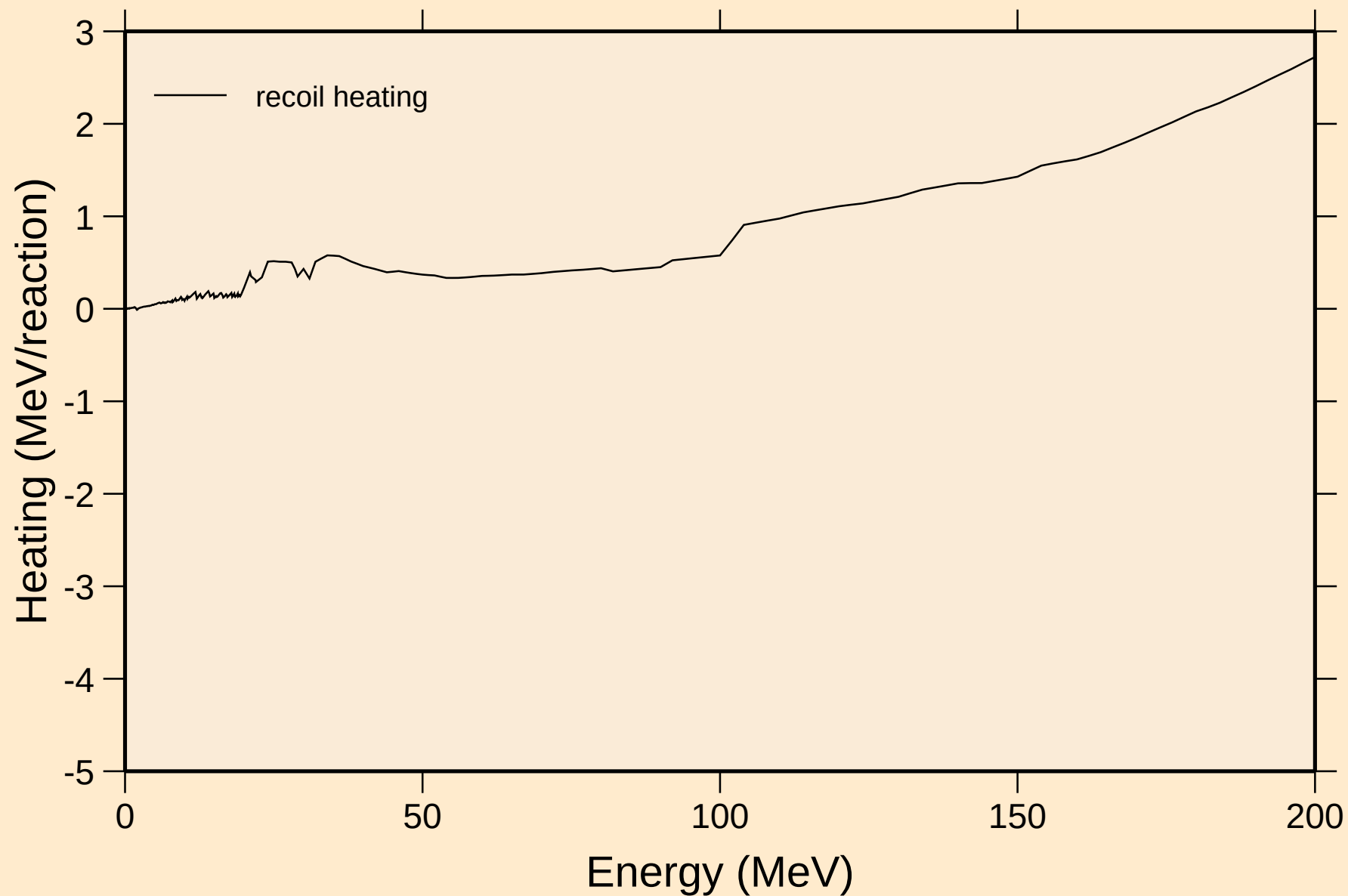


TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions



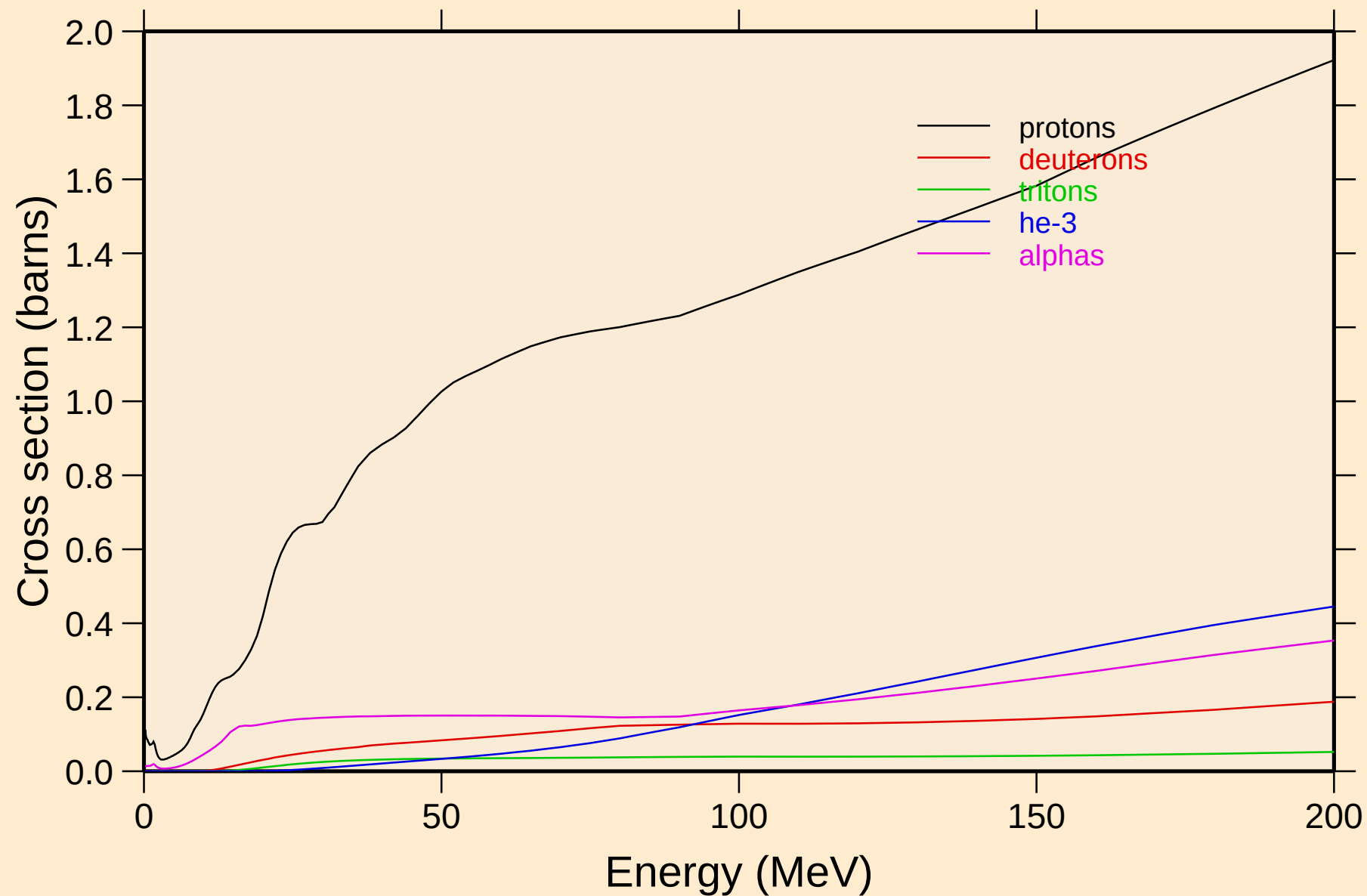
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

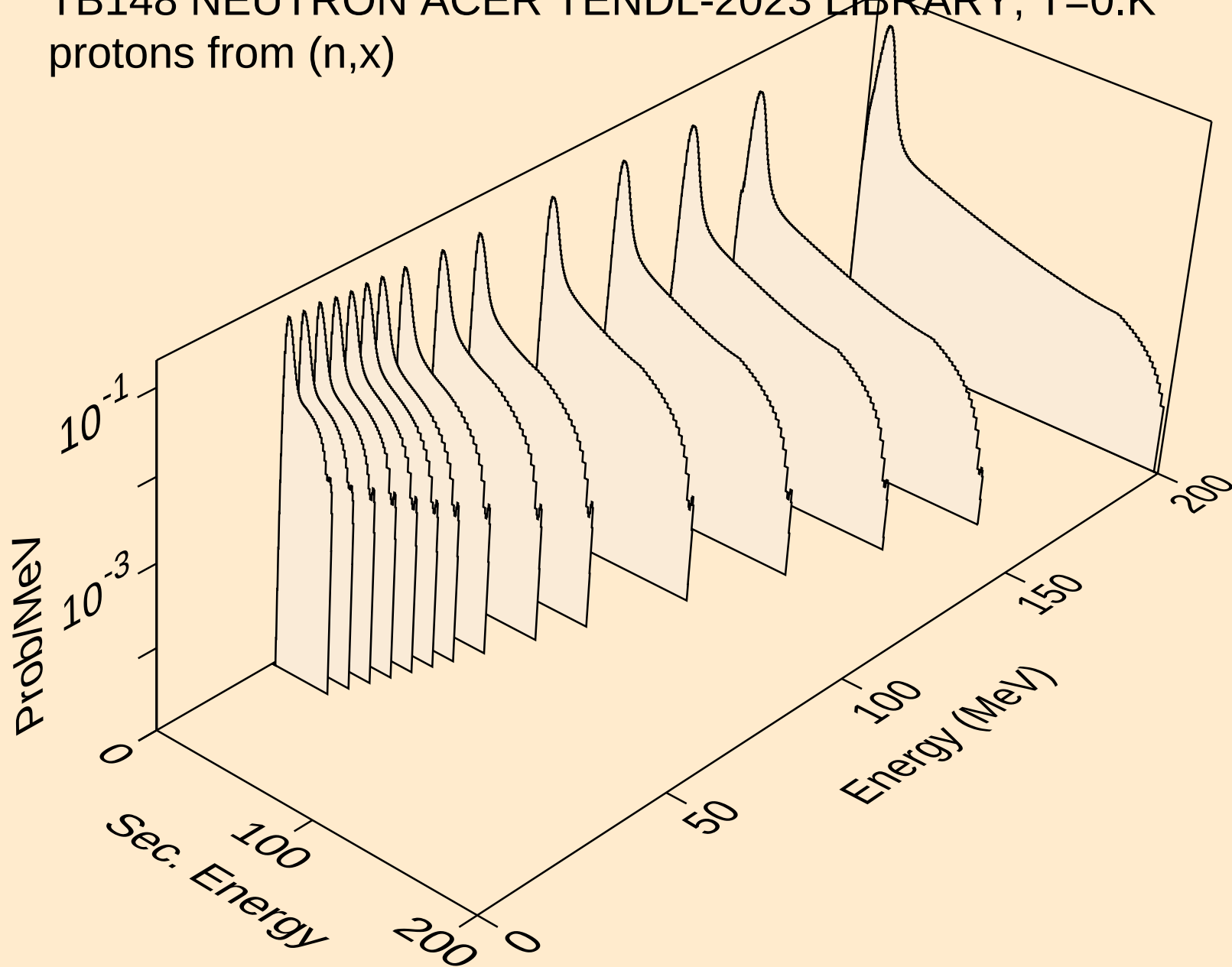


TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

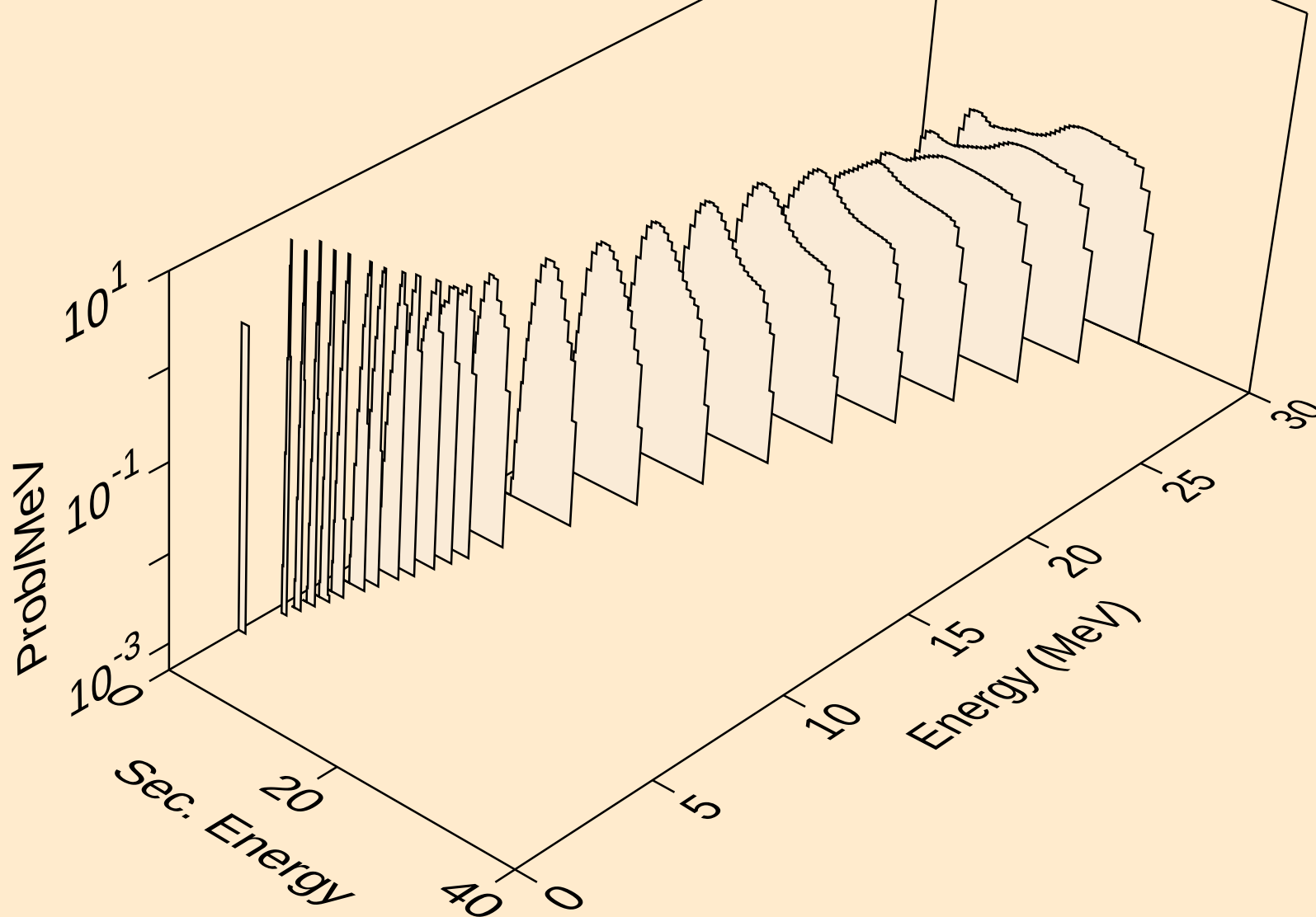
Particle production cross sections



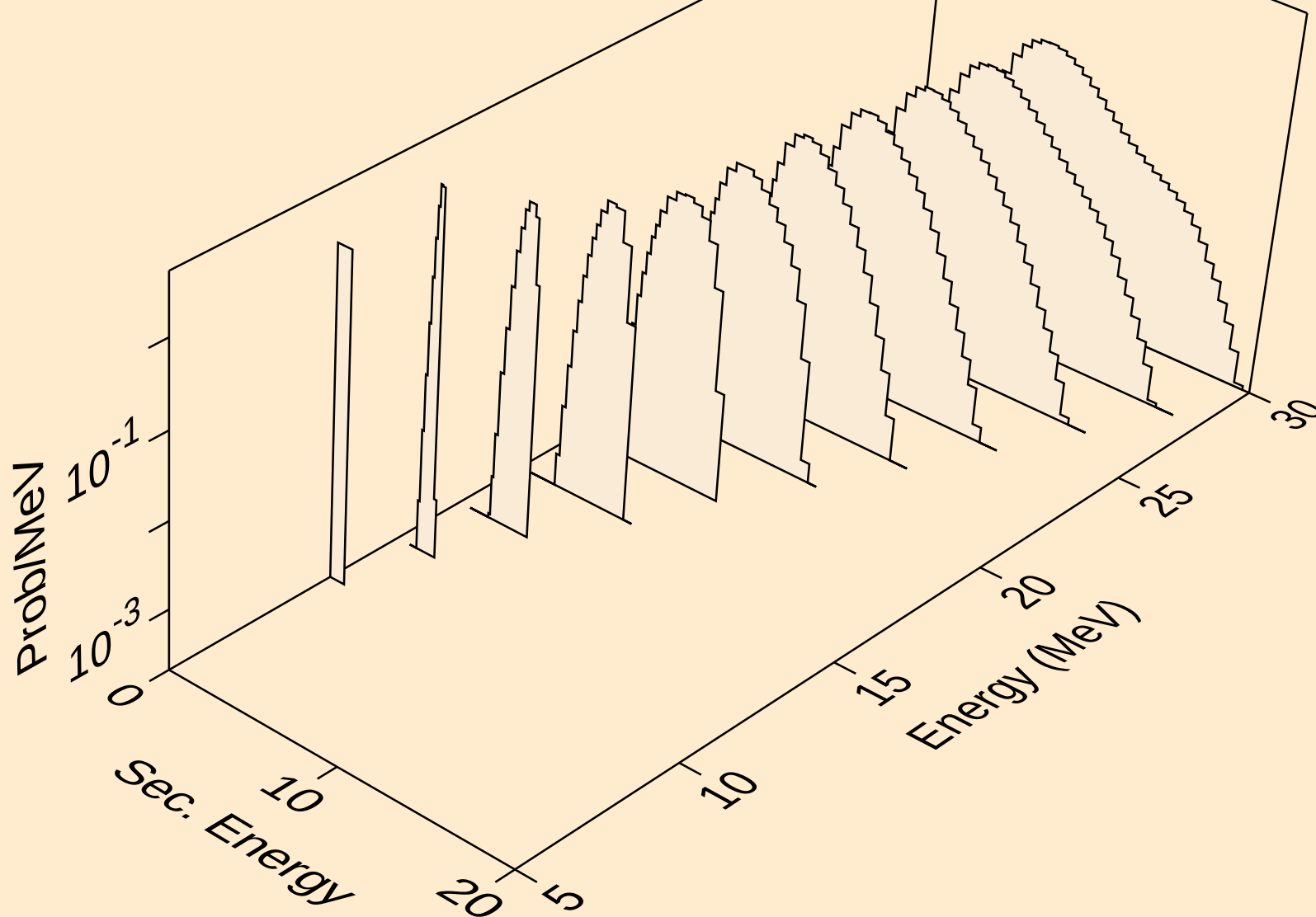
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



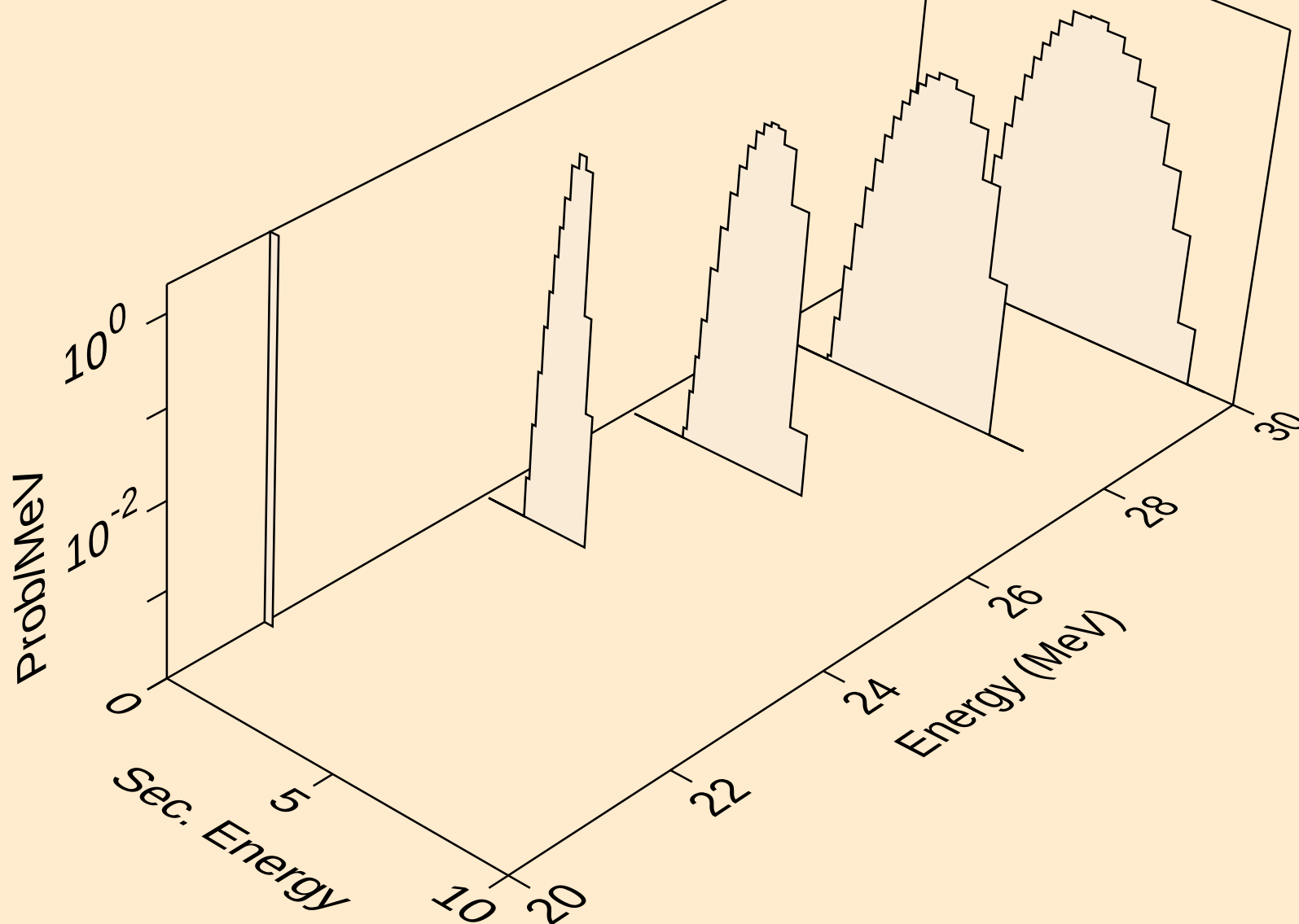
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



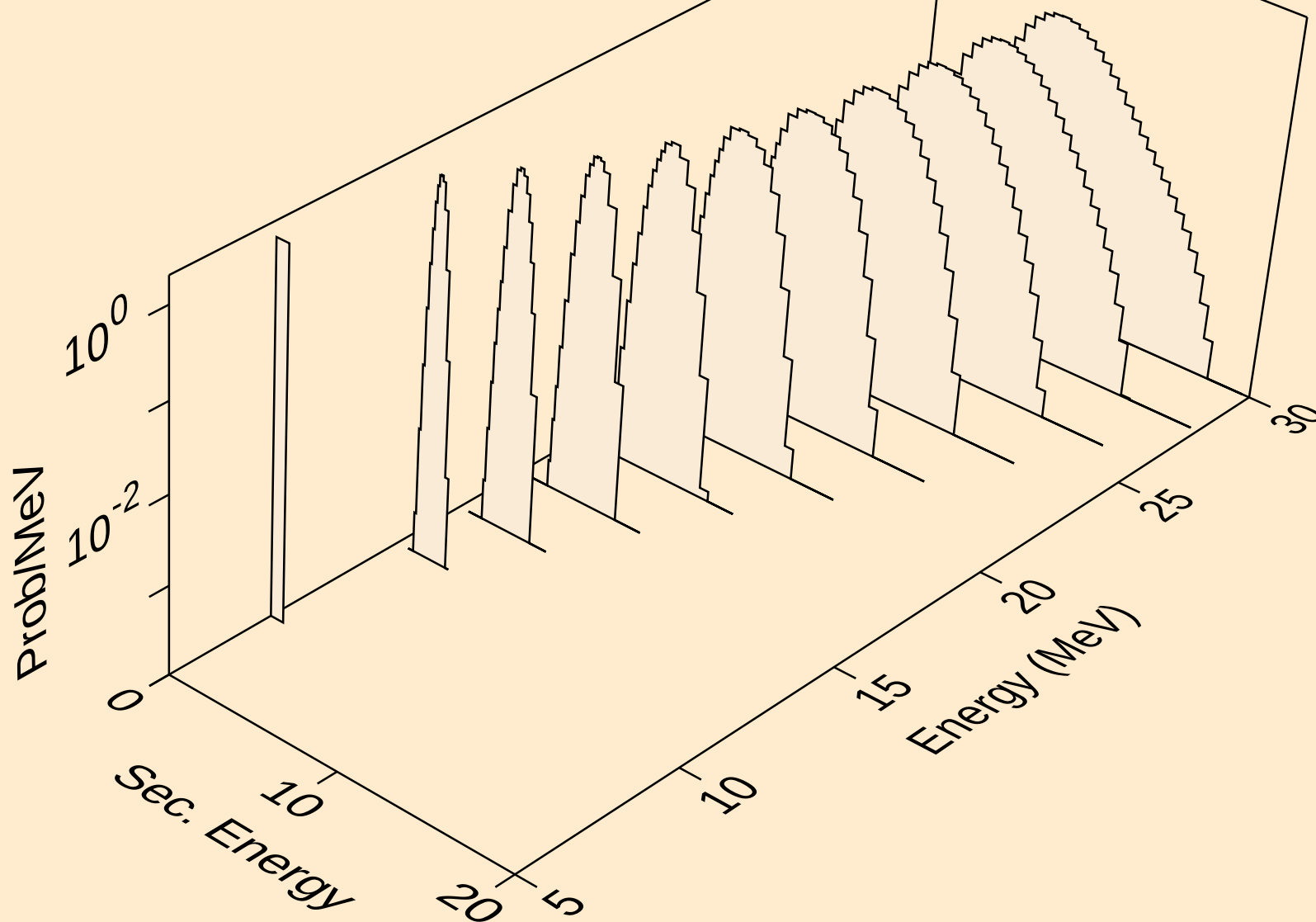
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



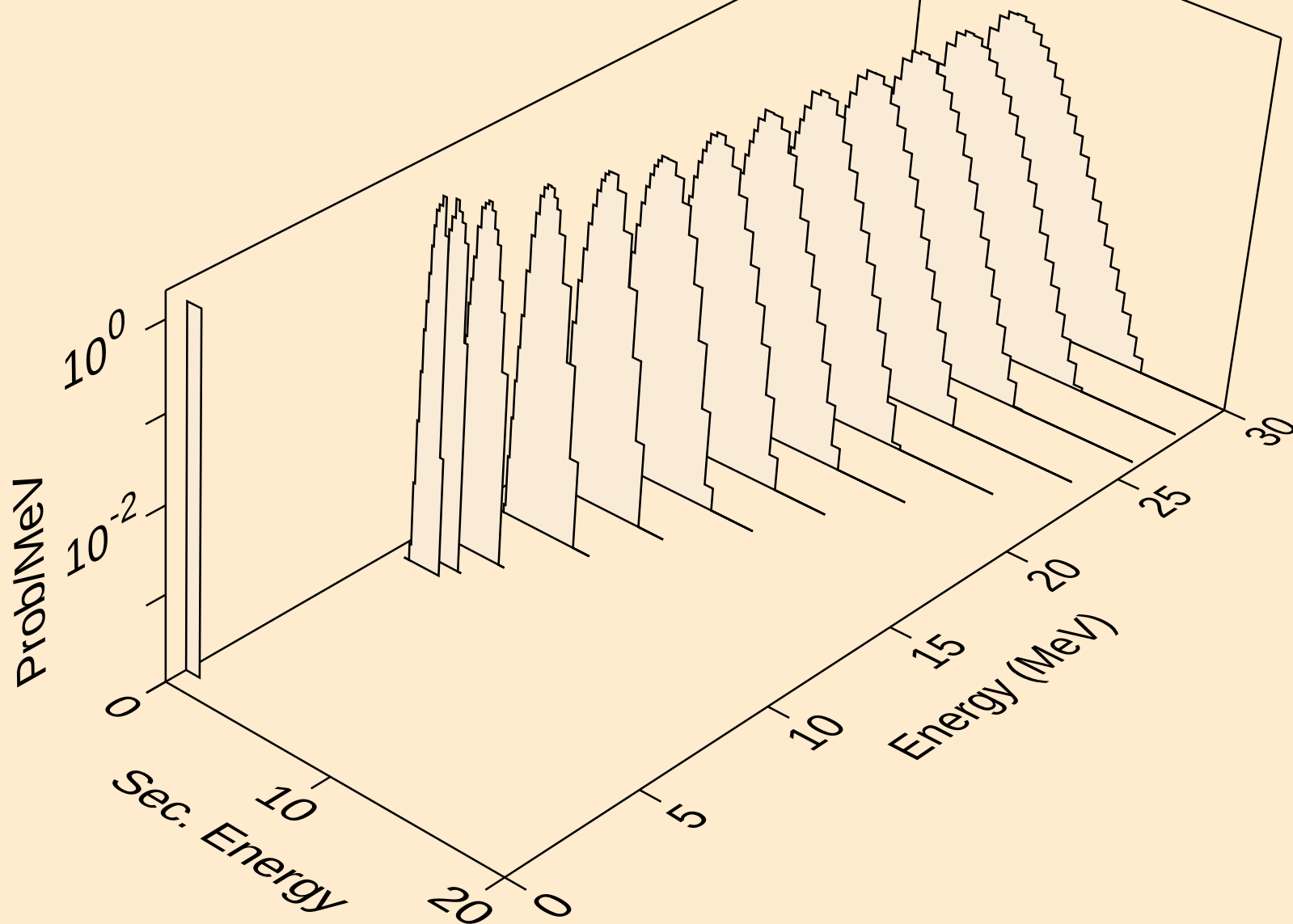
TB148 NEUTRON ACER TENDL-2023 LIBRARY; $T=0.K$
protons from $(n,3np)$



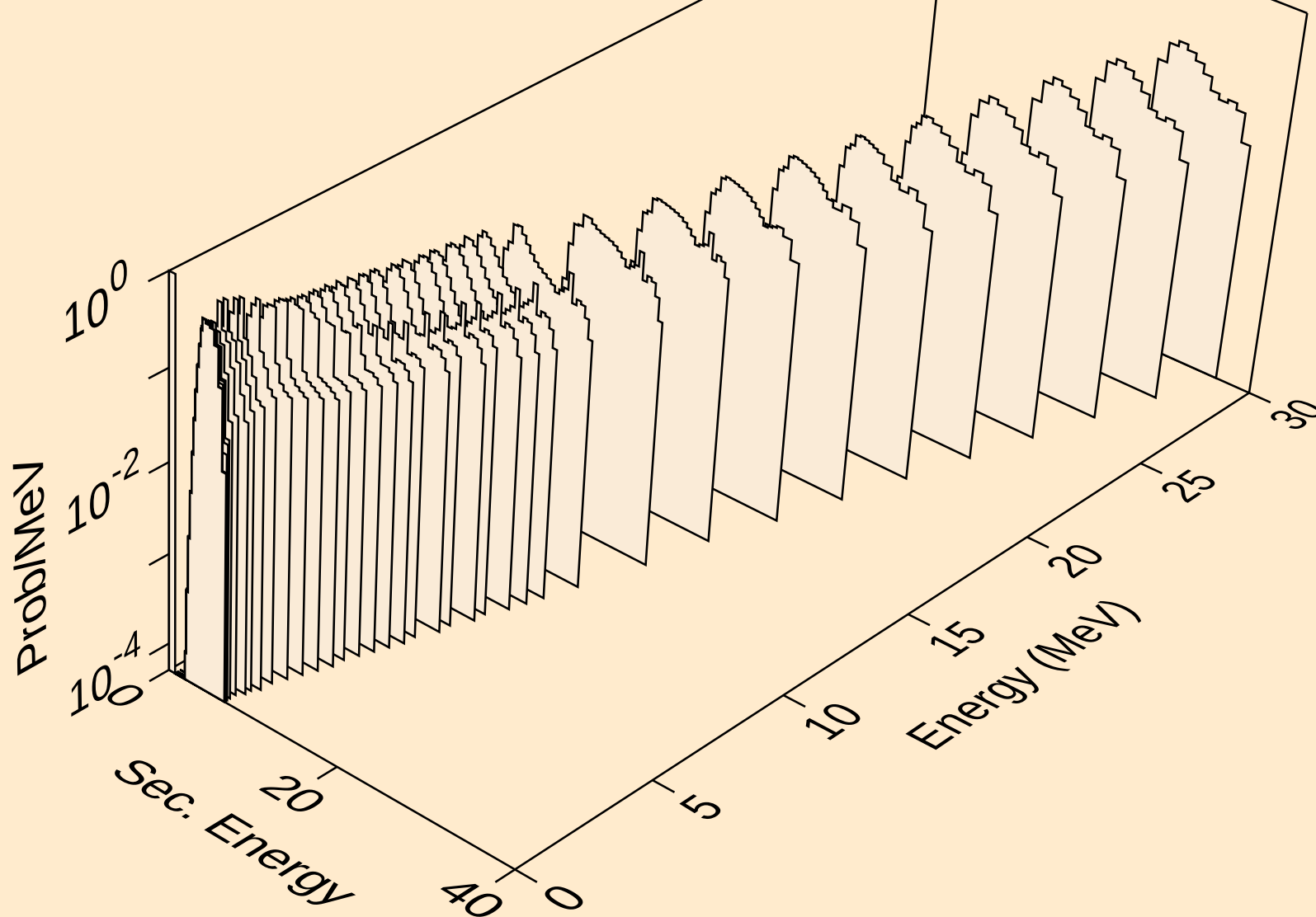
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



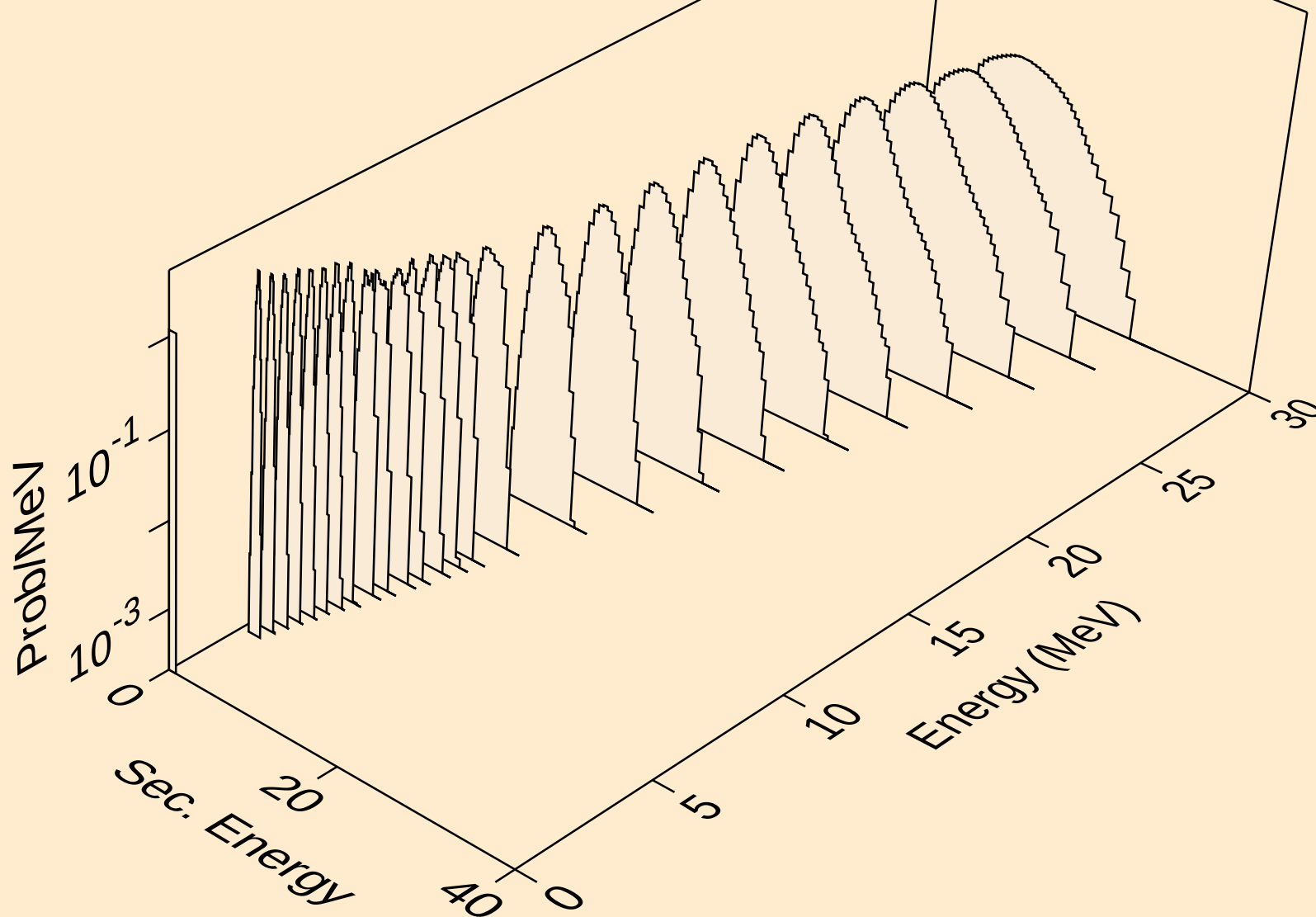
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,npa)



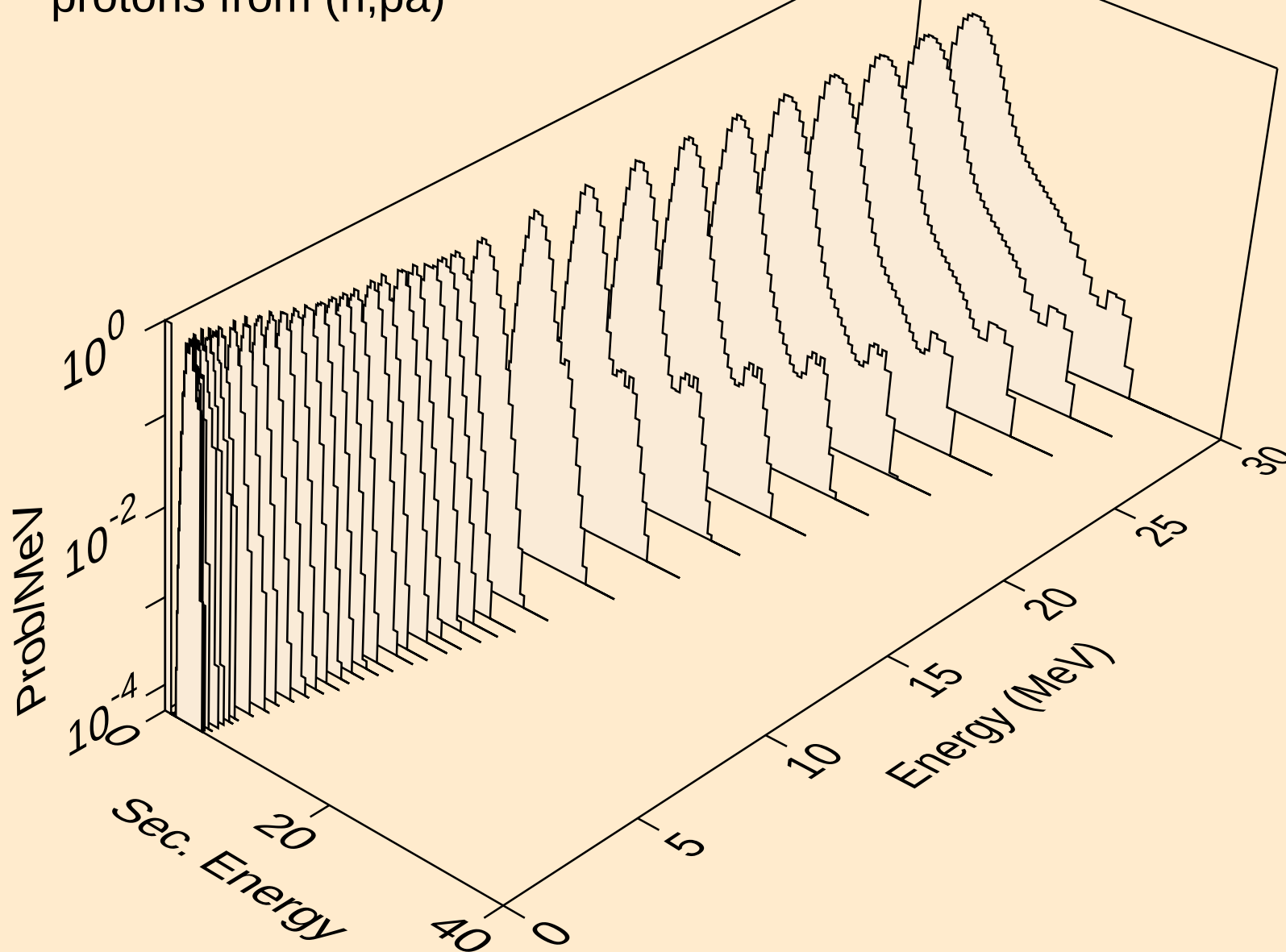
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



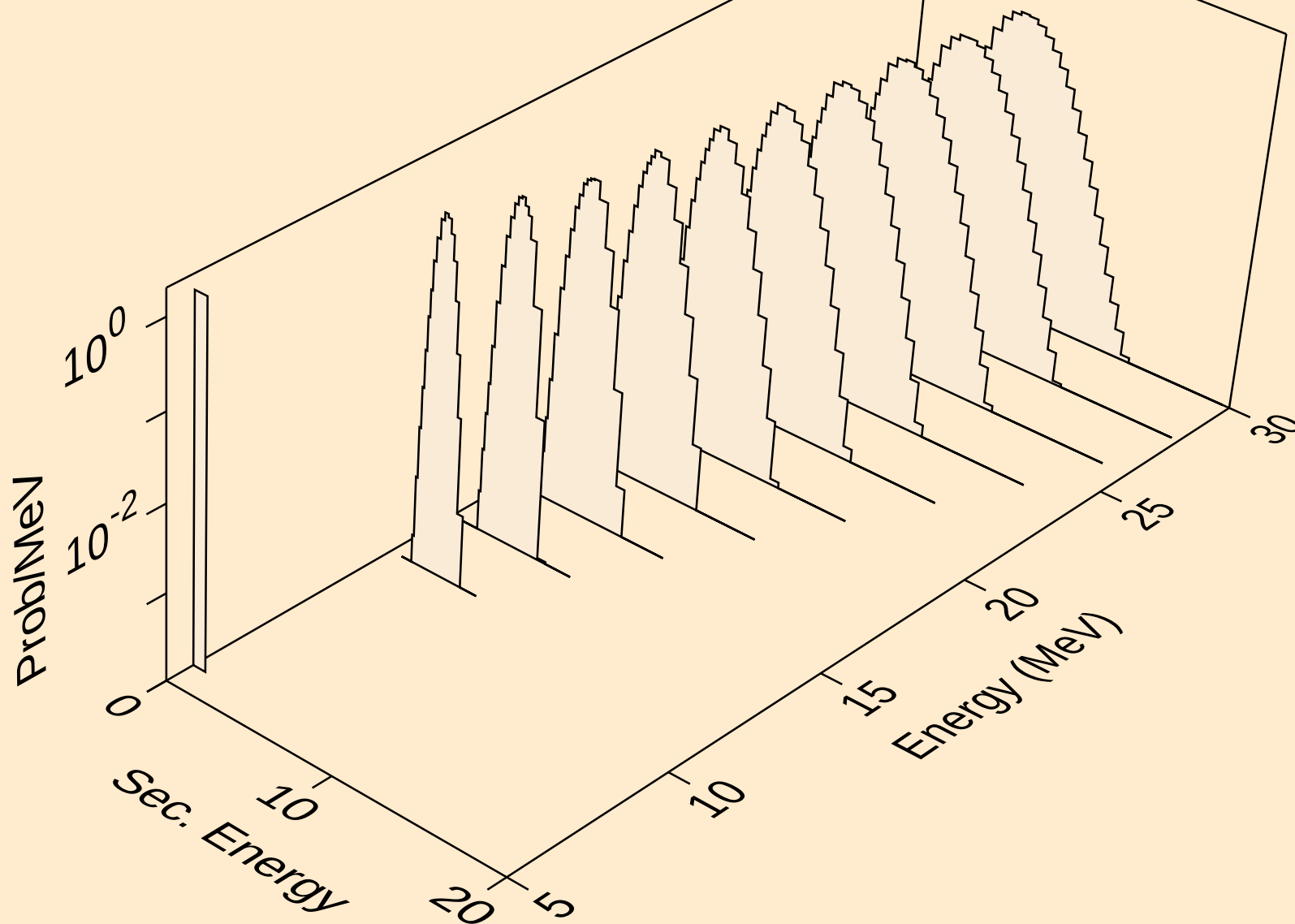
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2p)



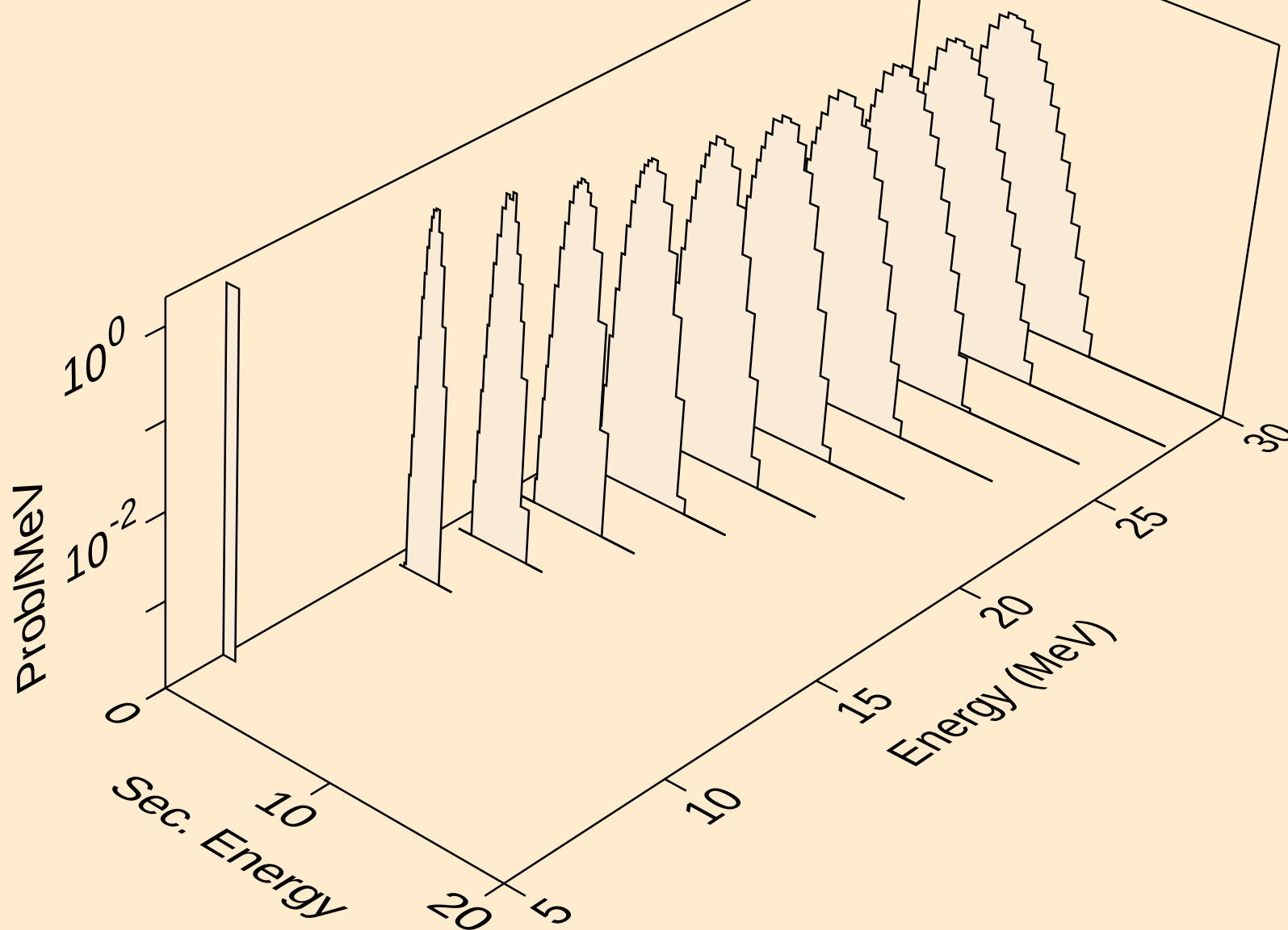
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



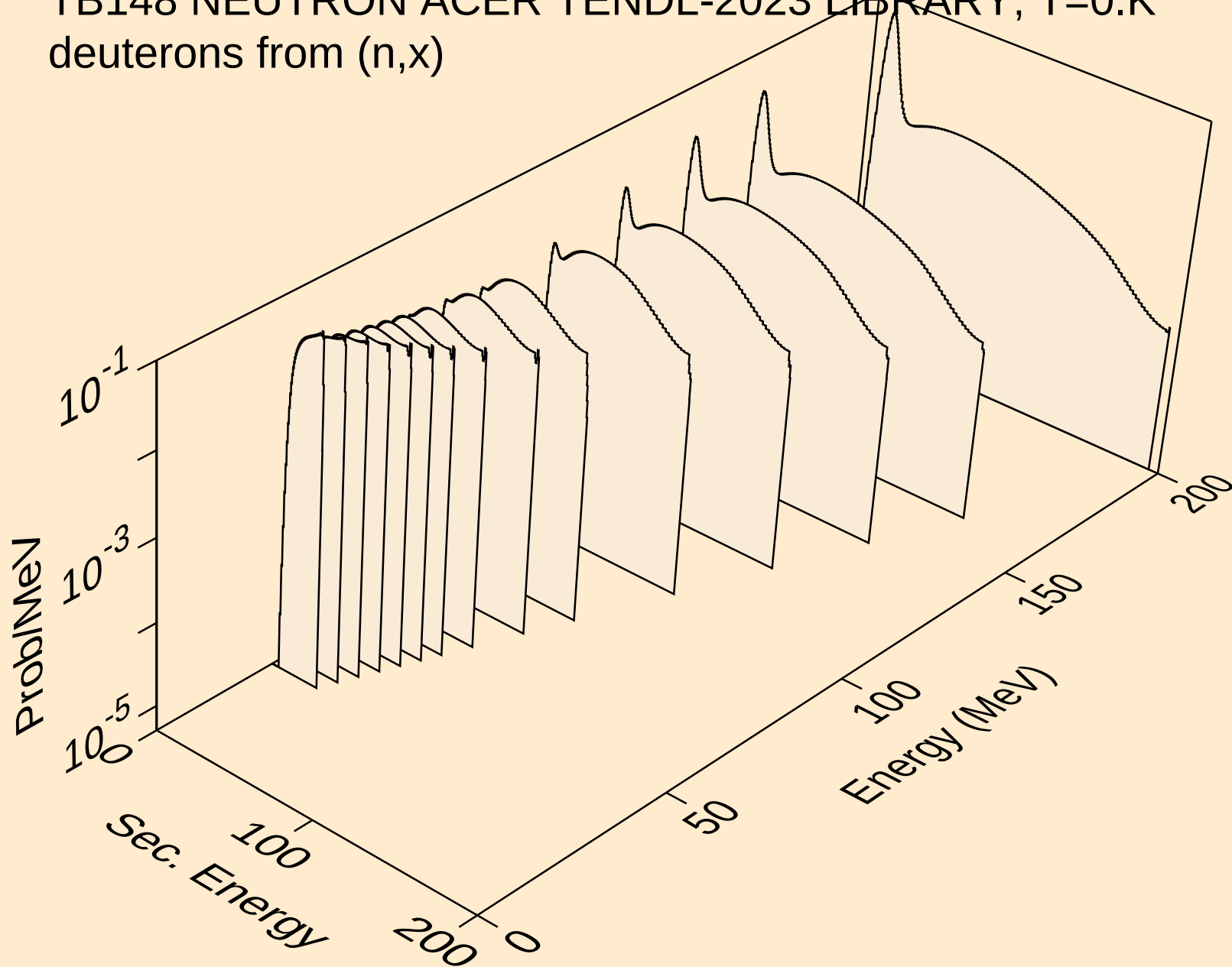
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



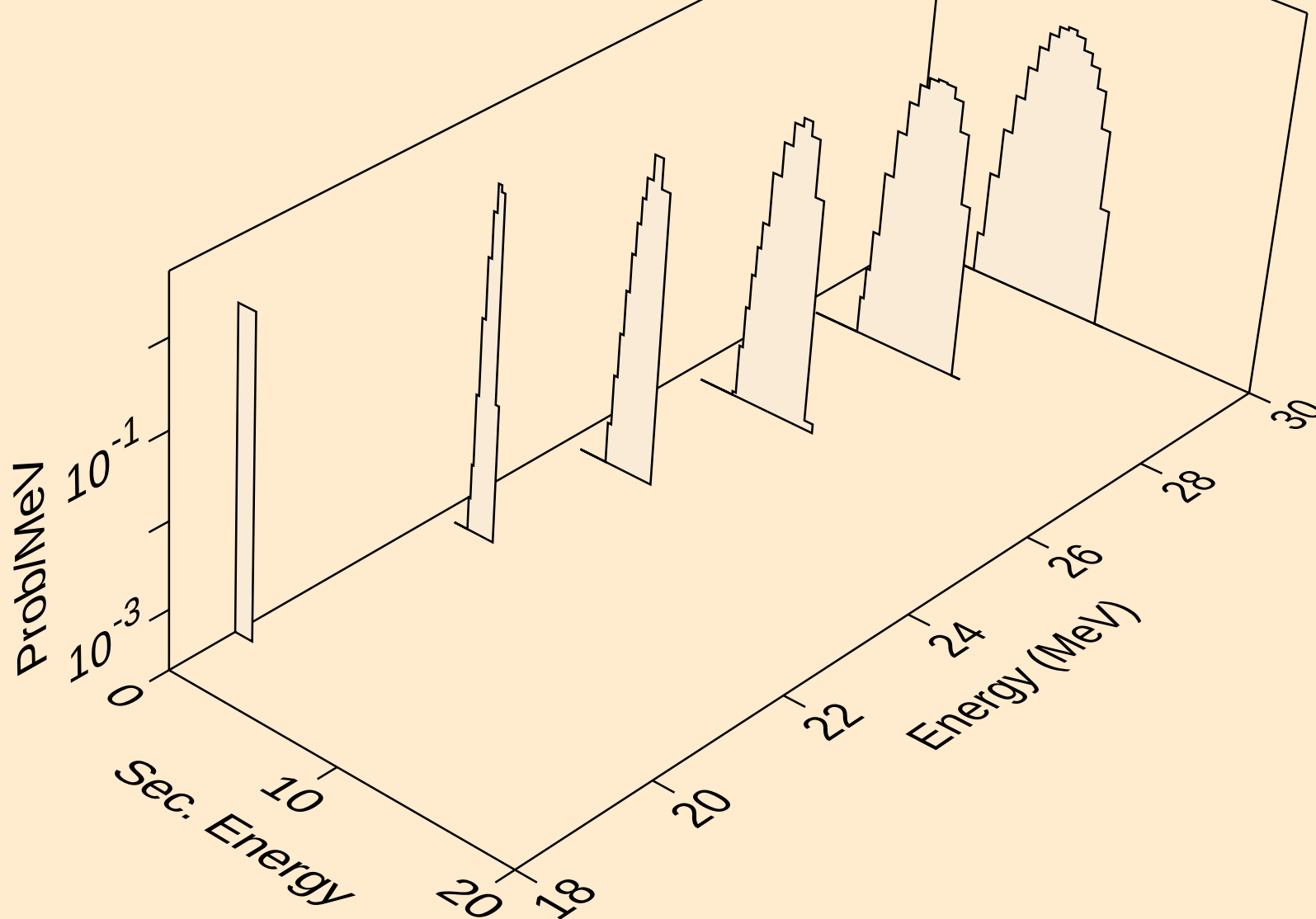
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pt)



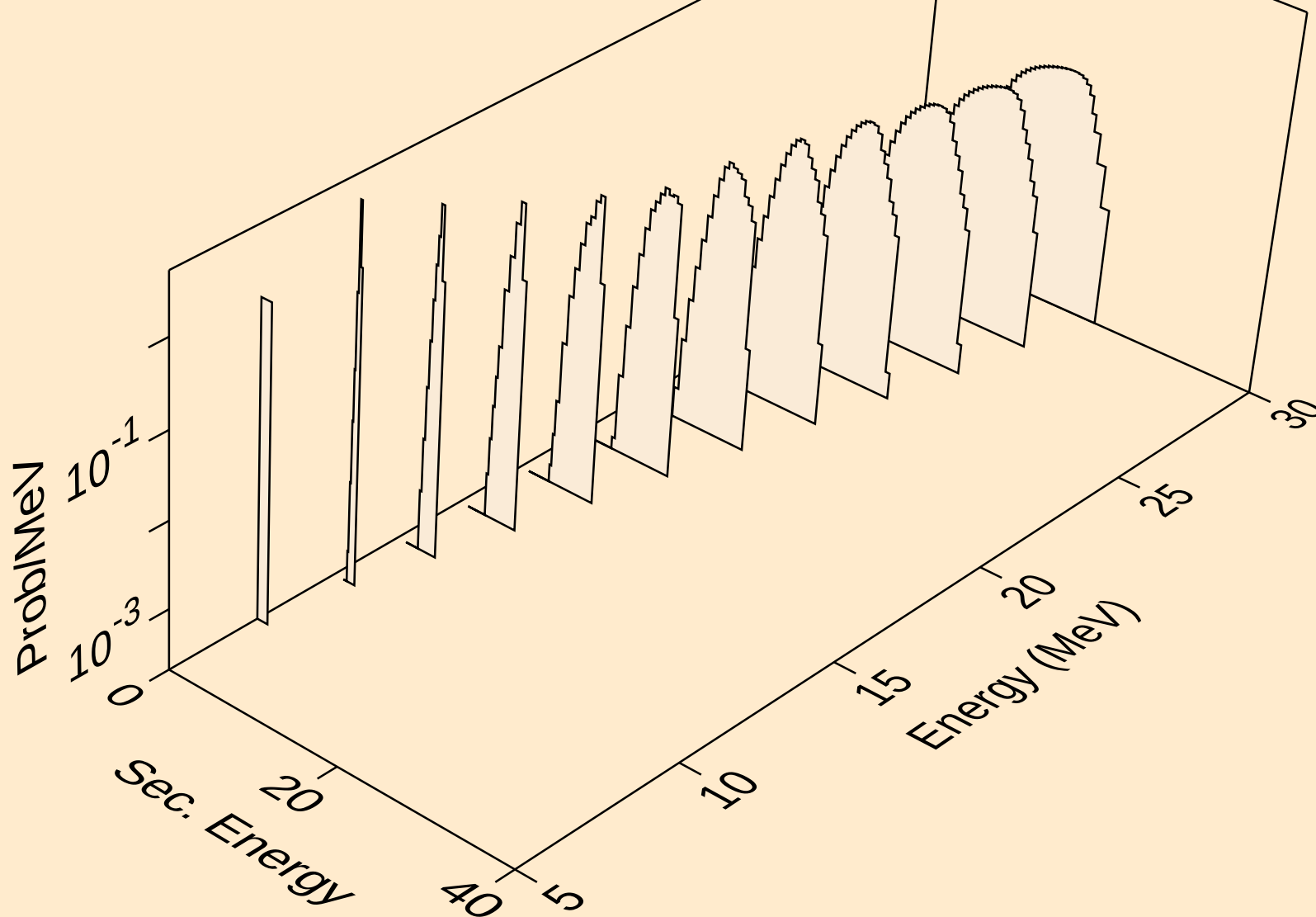
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



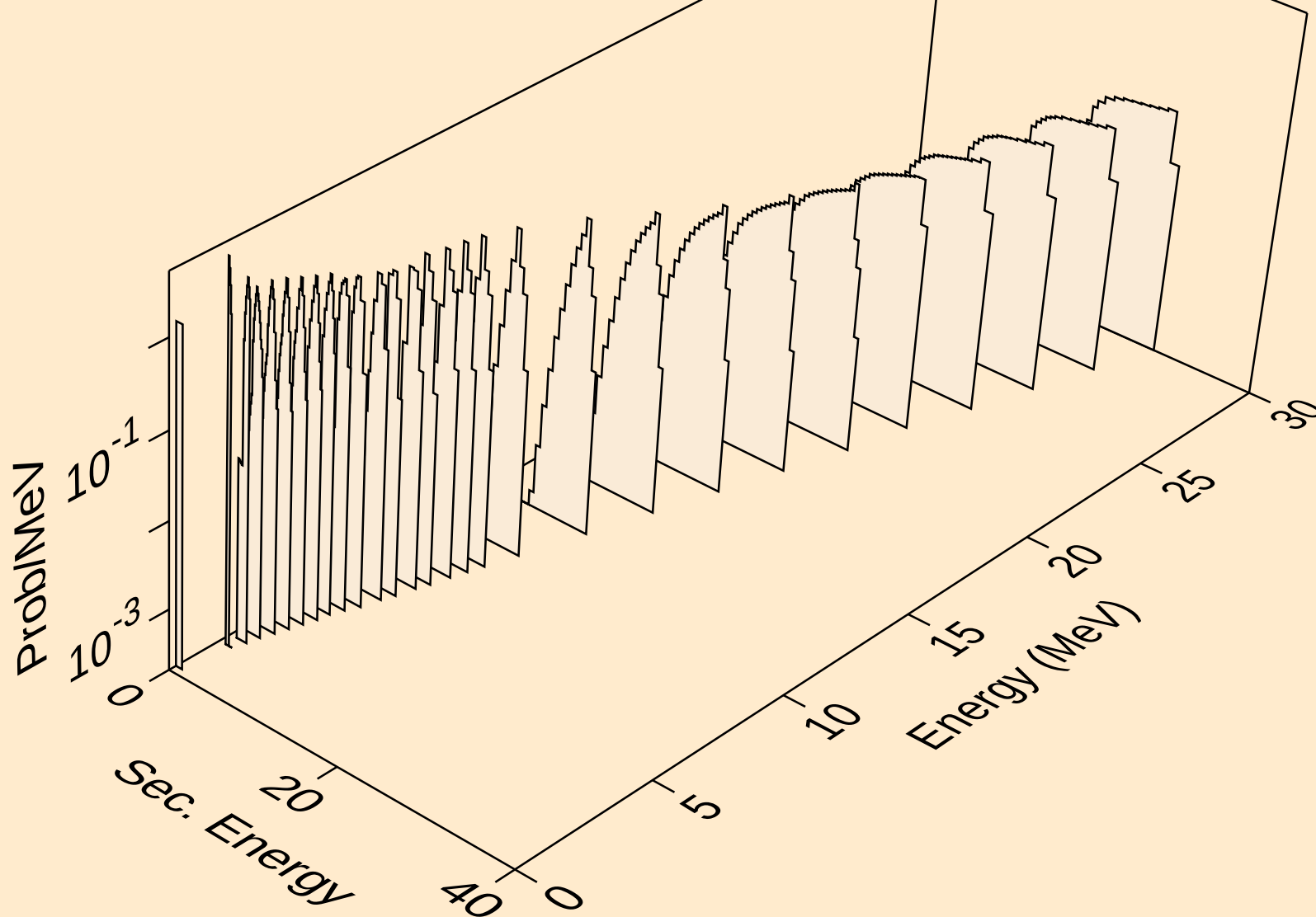
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,2nd)



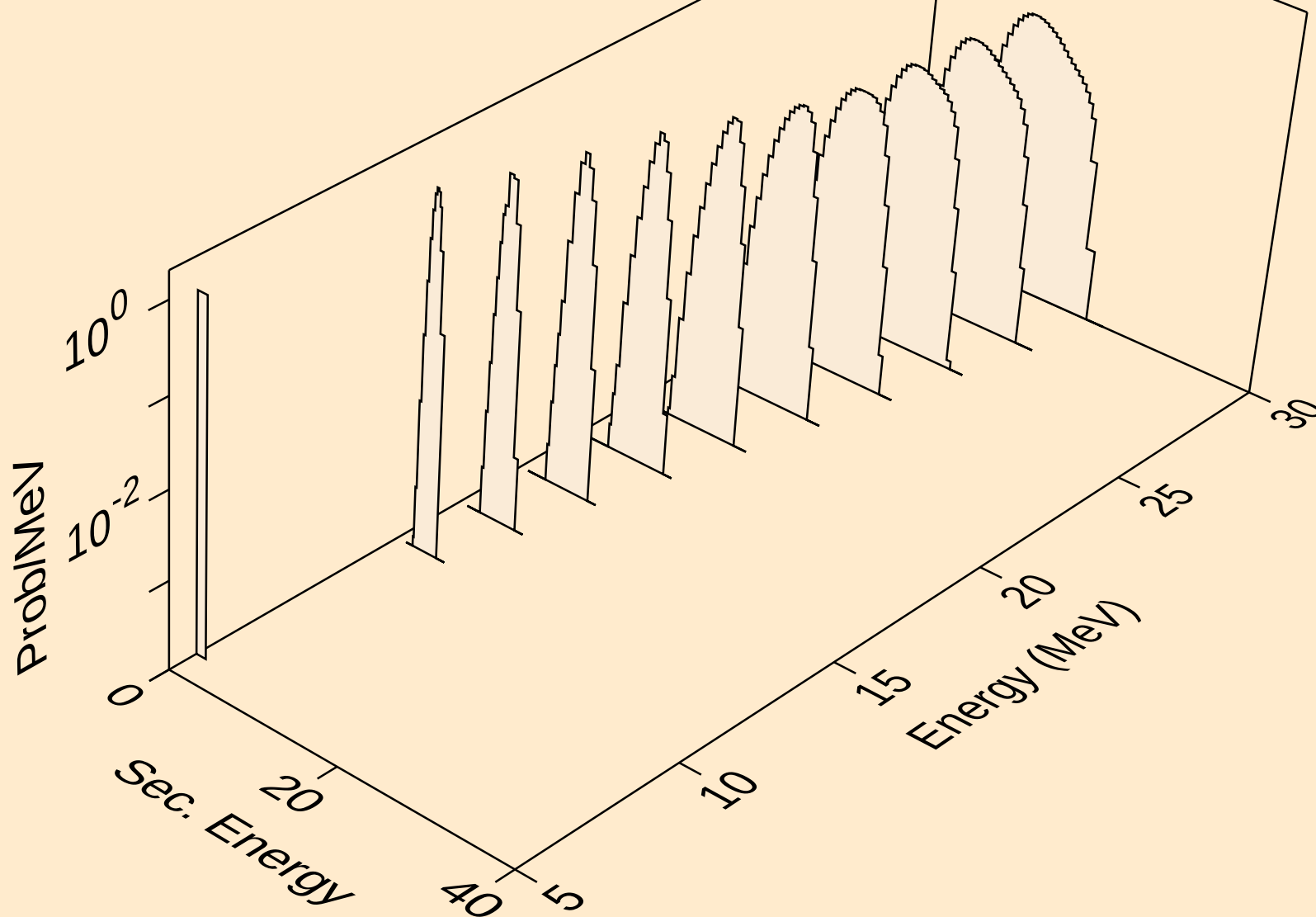
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



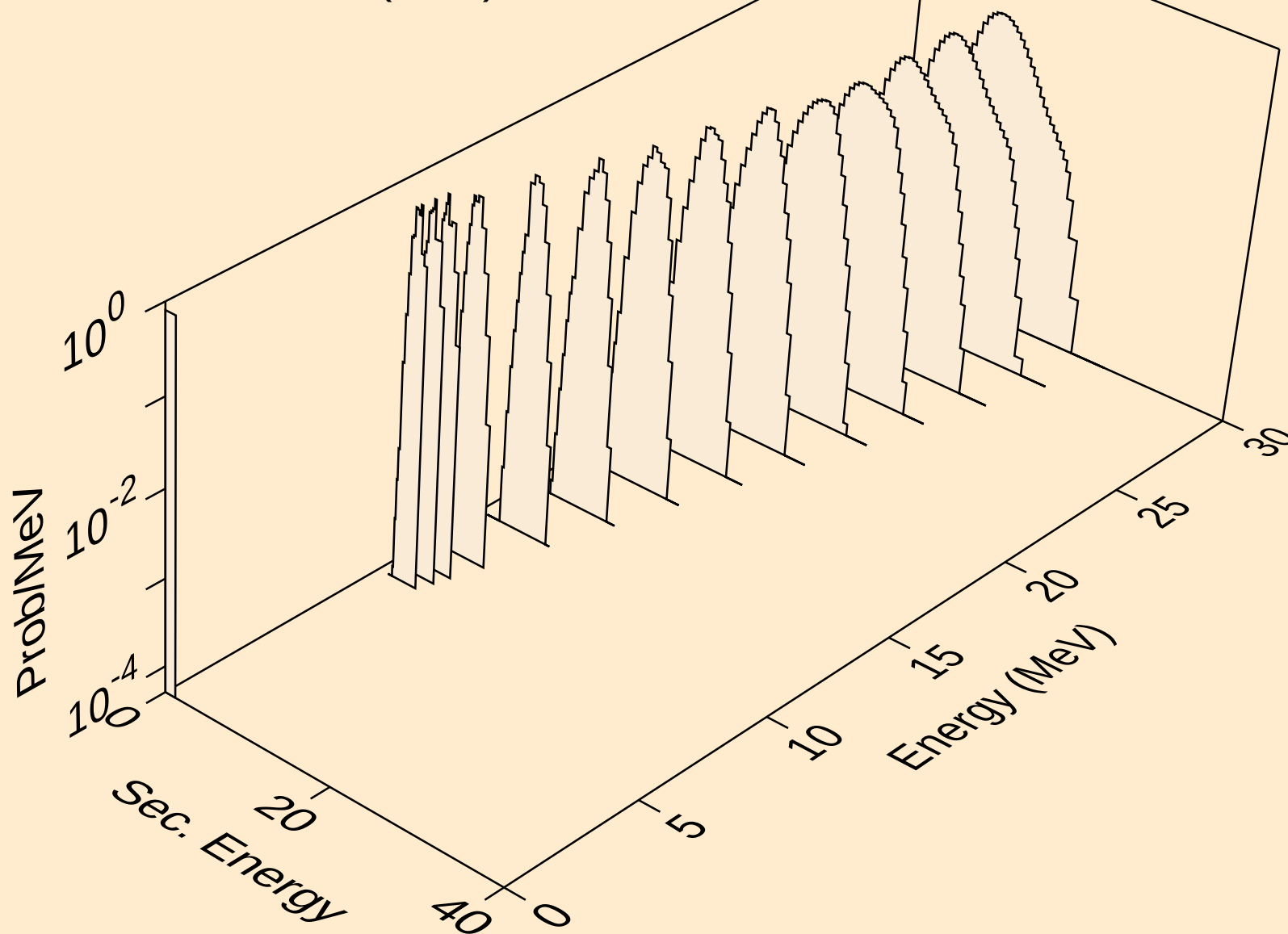
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d)



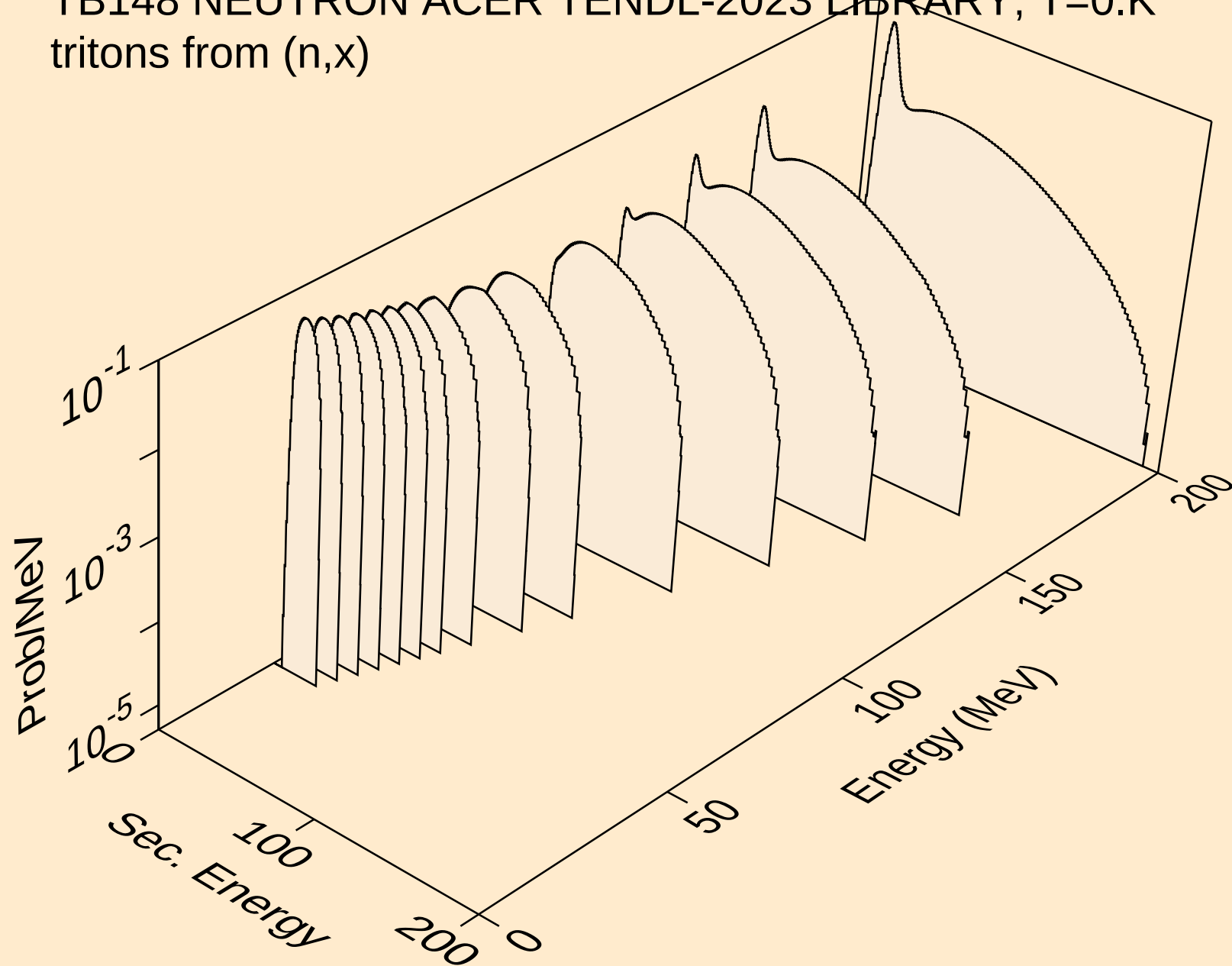
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



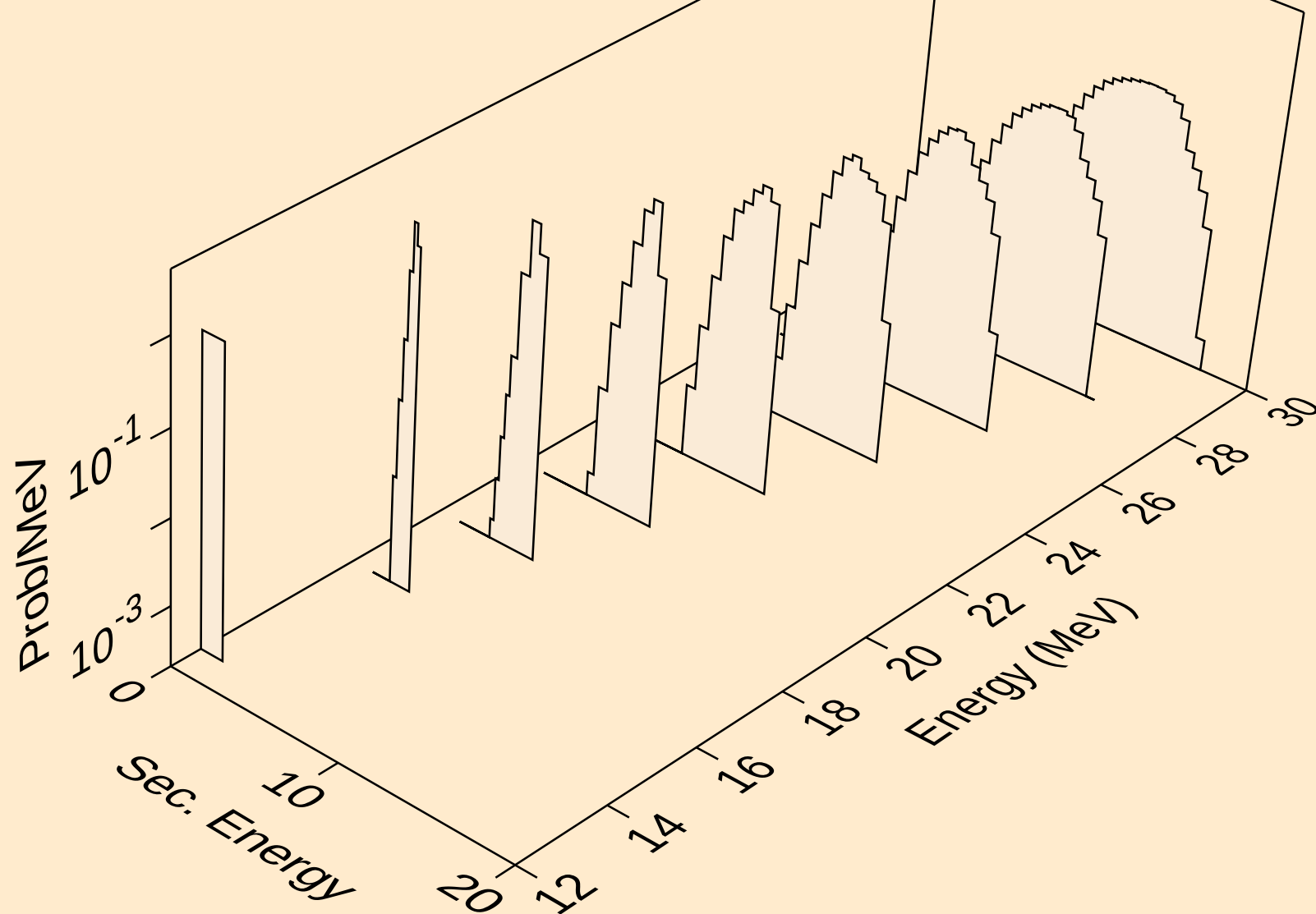
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,da)



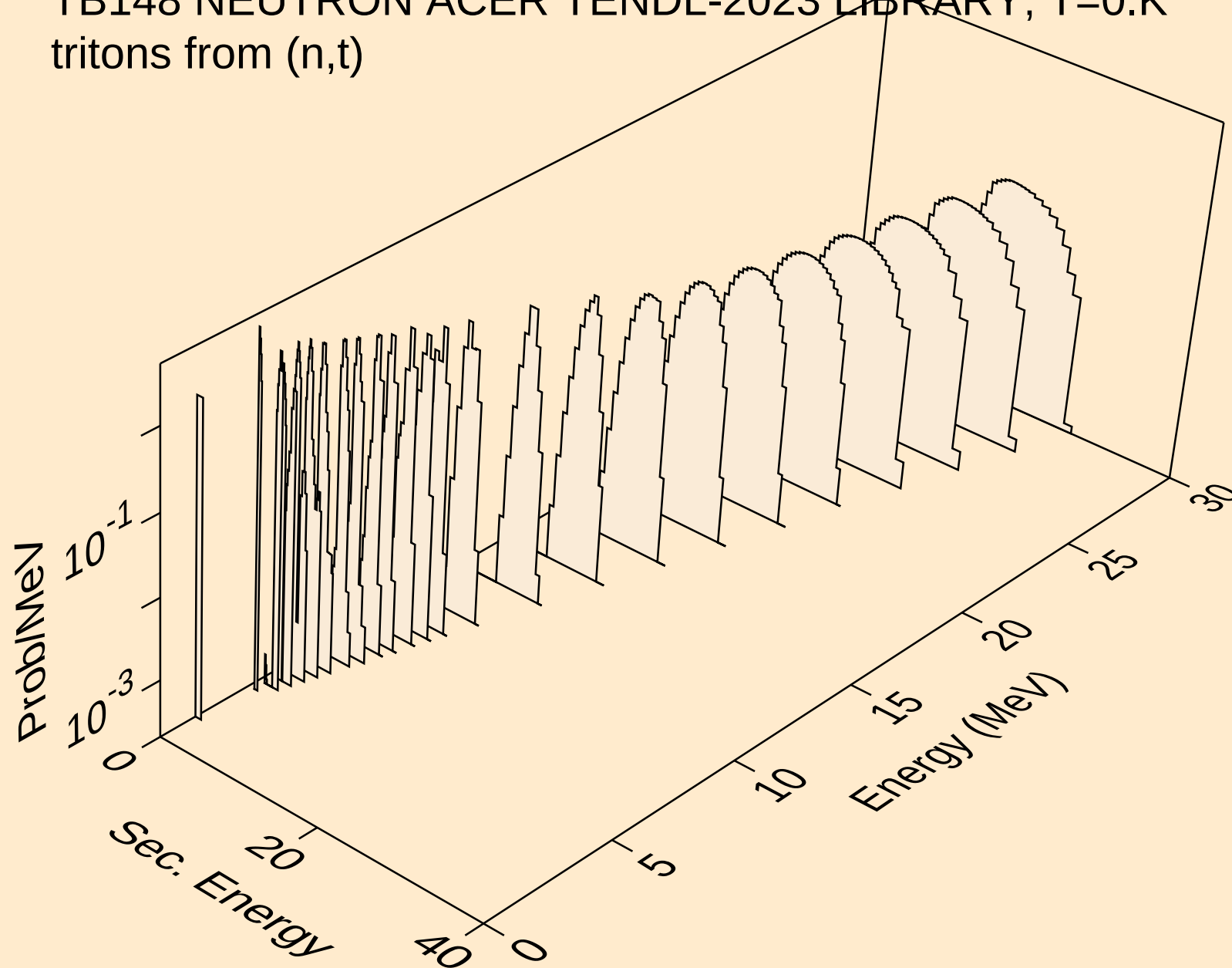
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



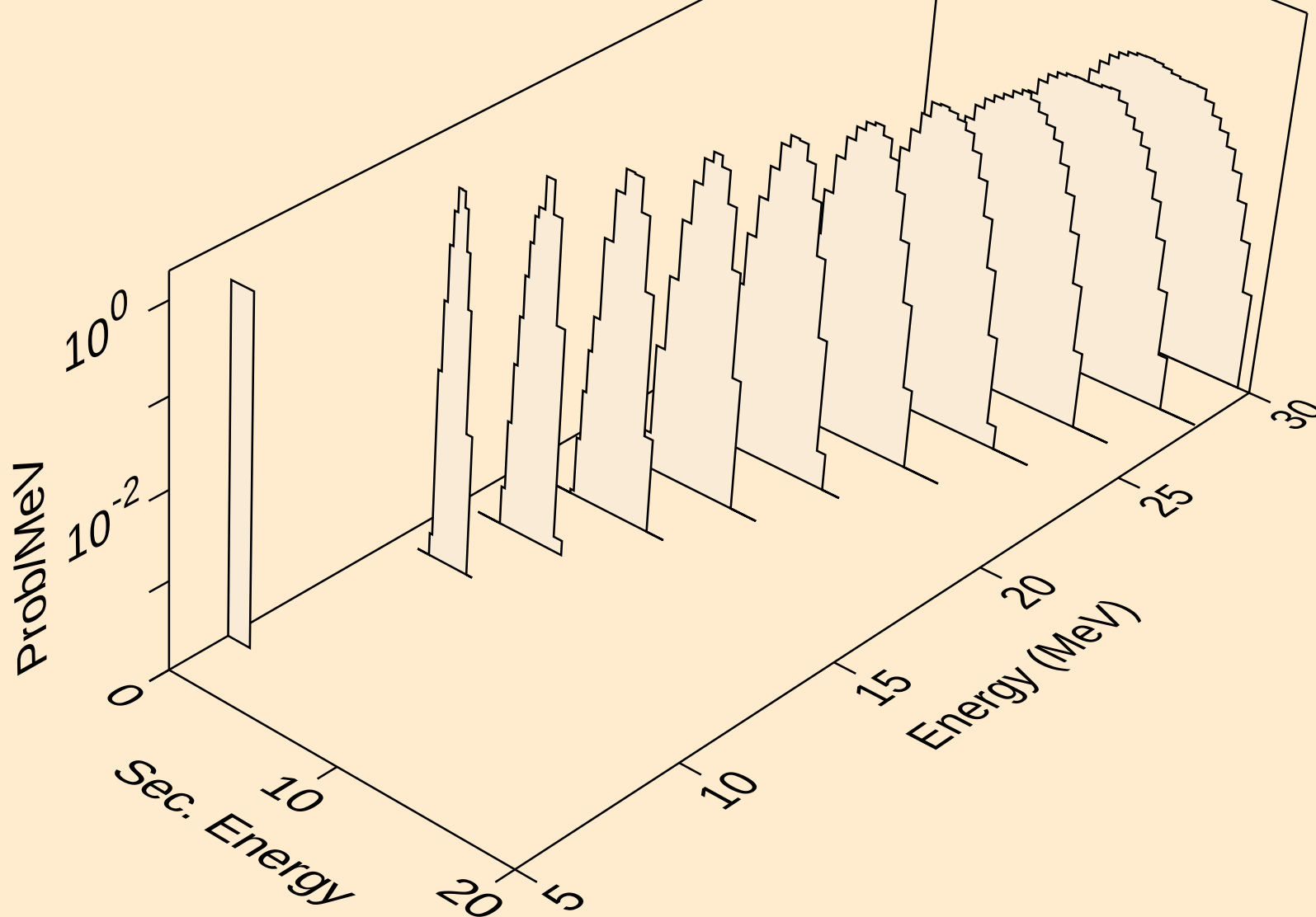
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



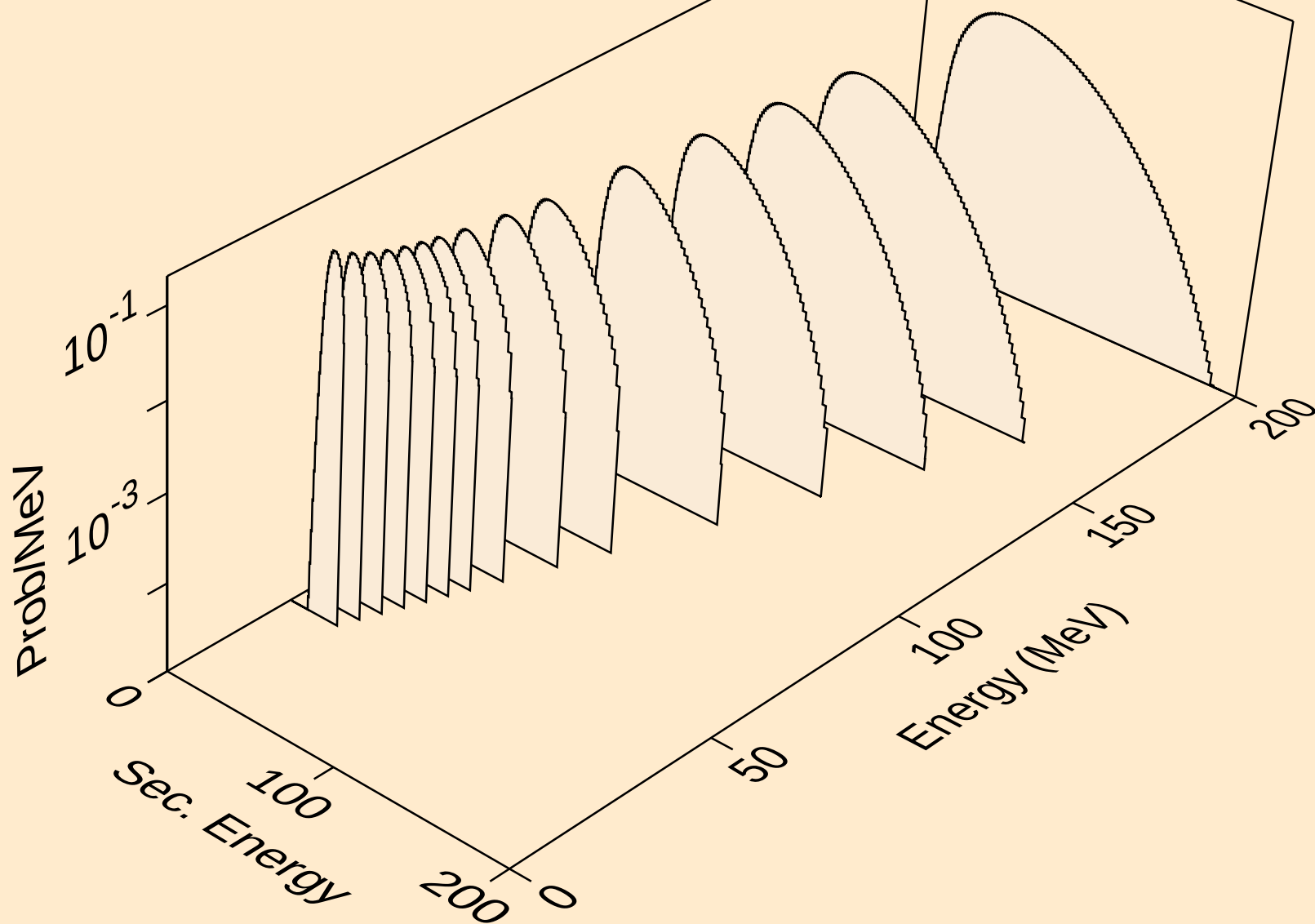
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,t)



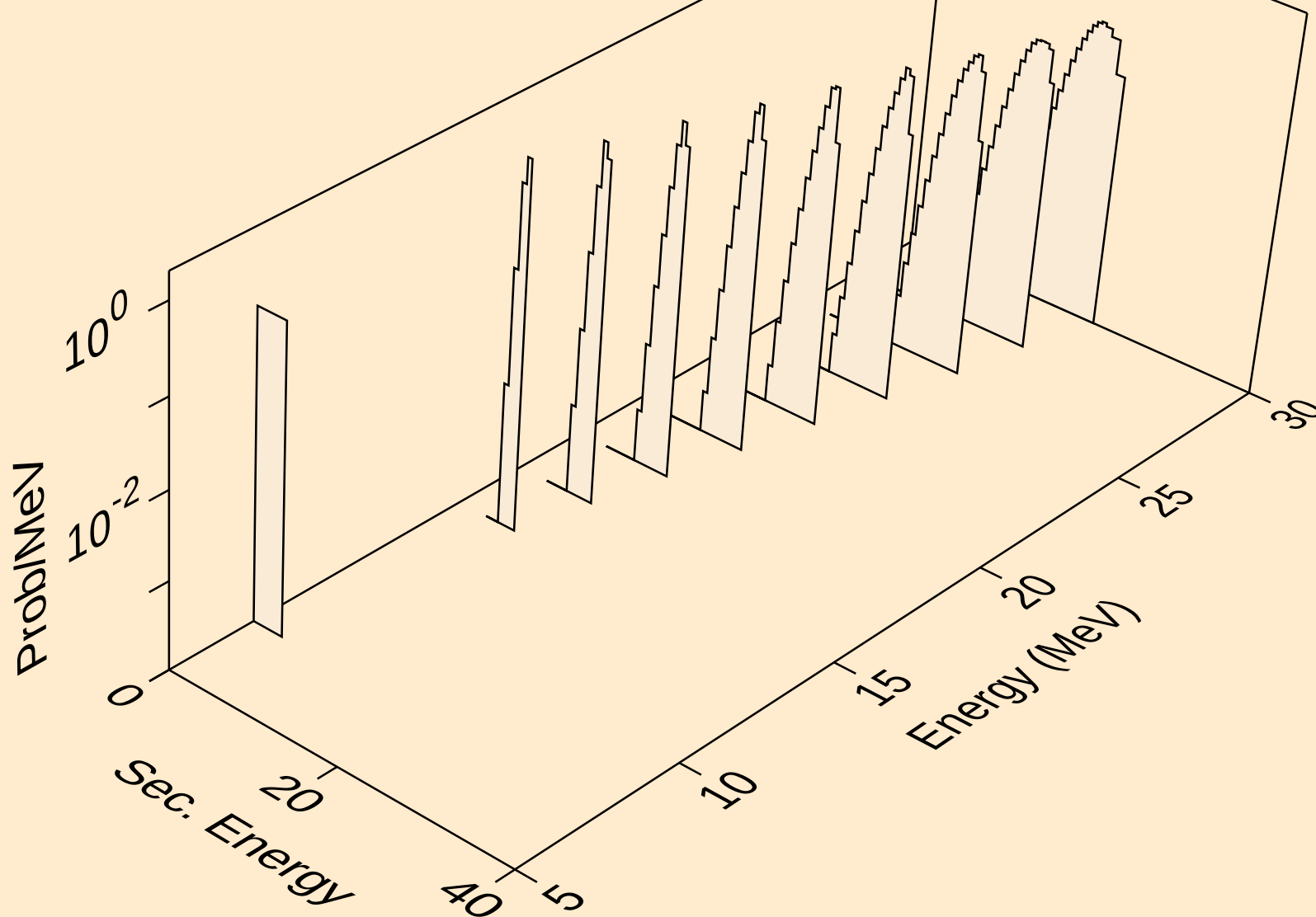
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,pt)



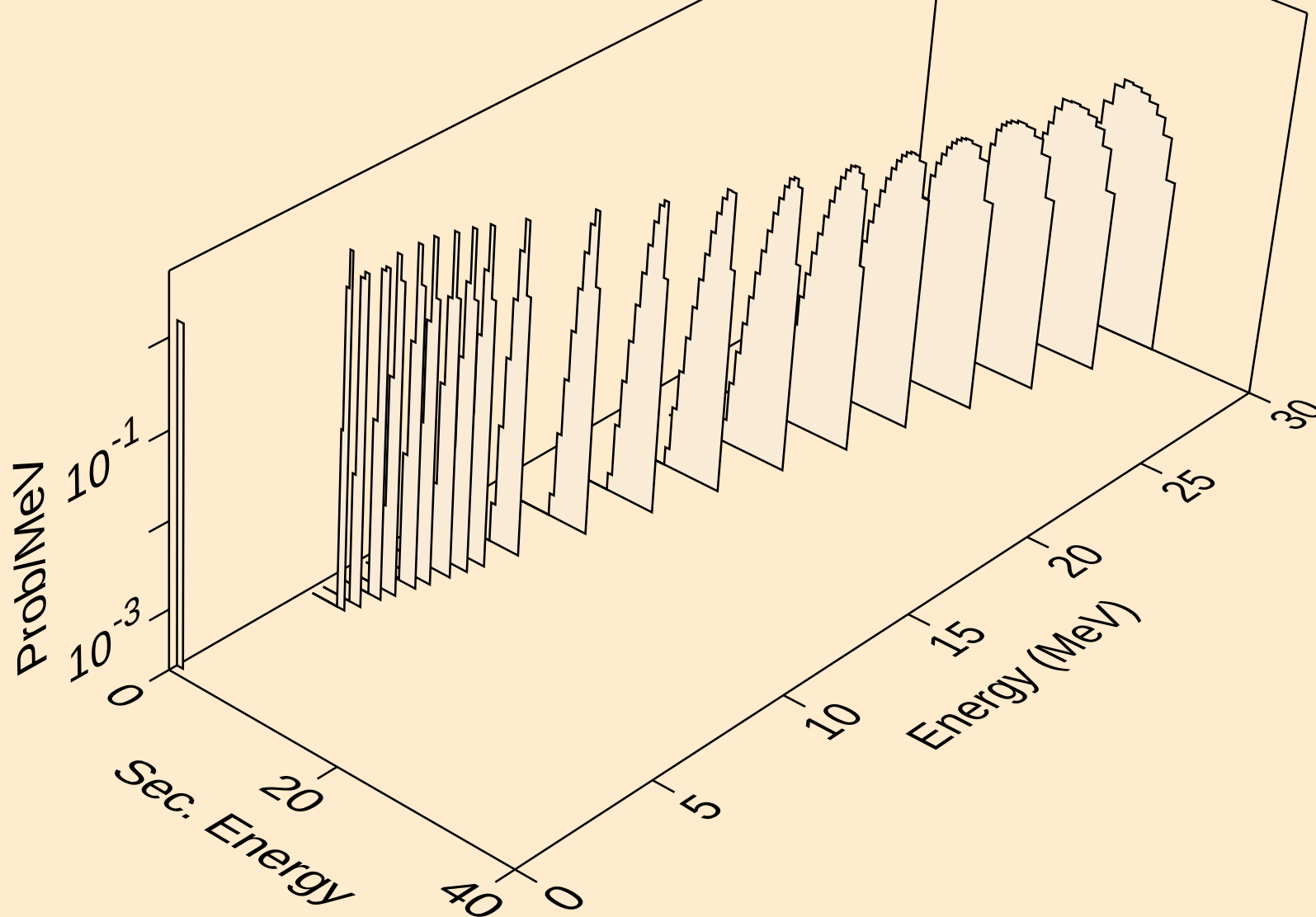
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



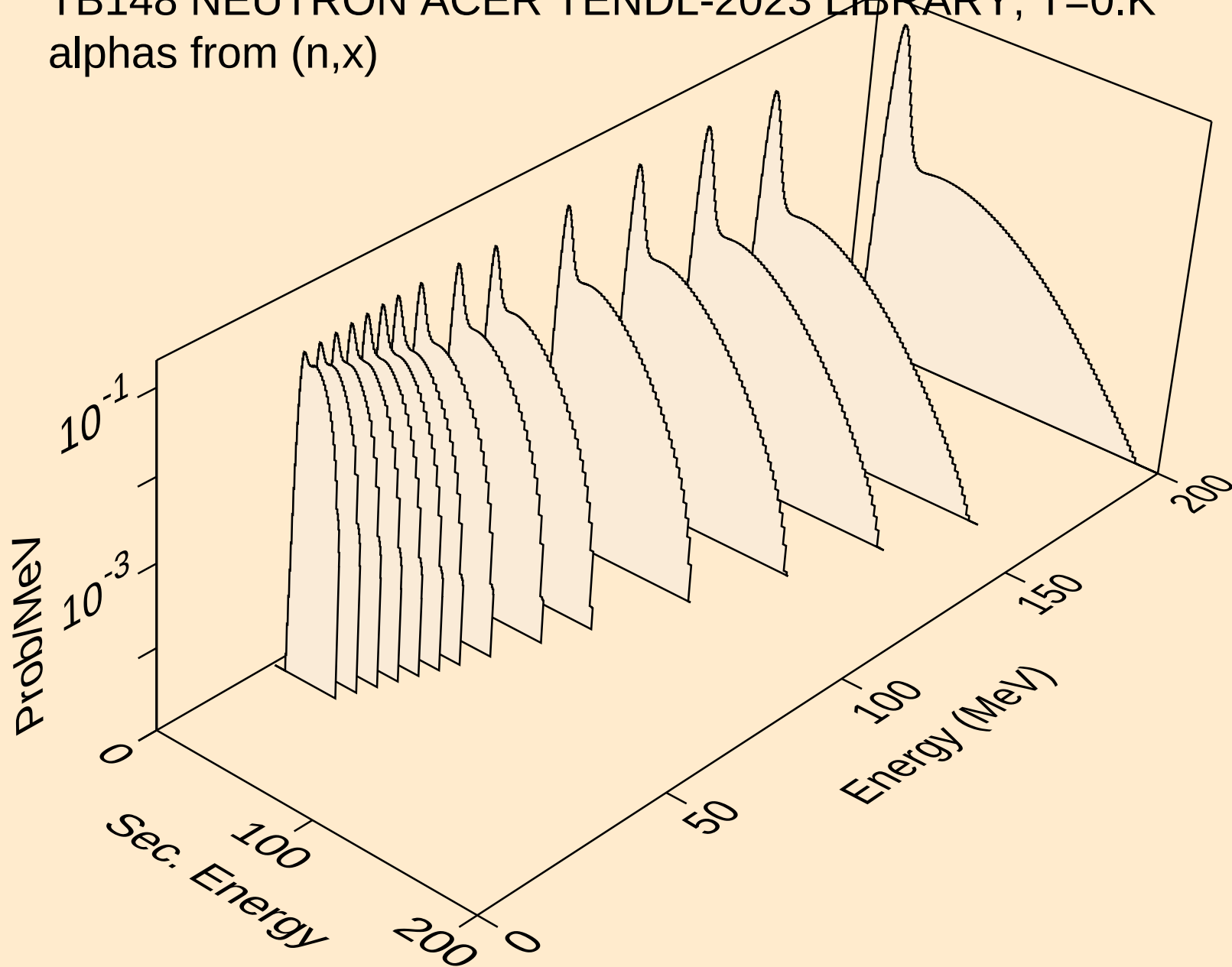
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



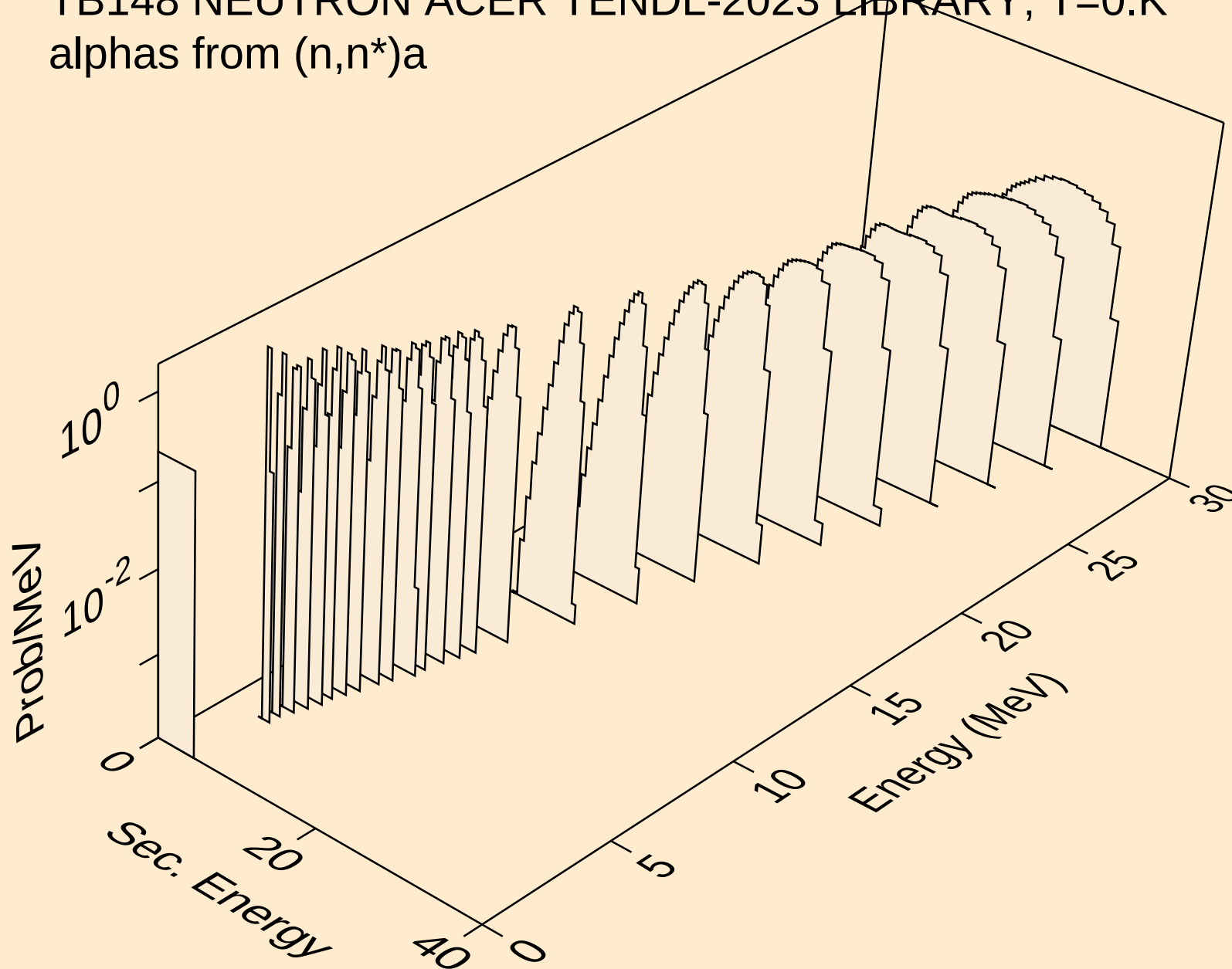
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



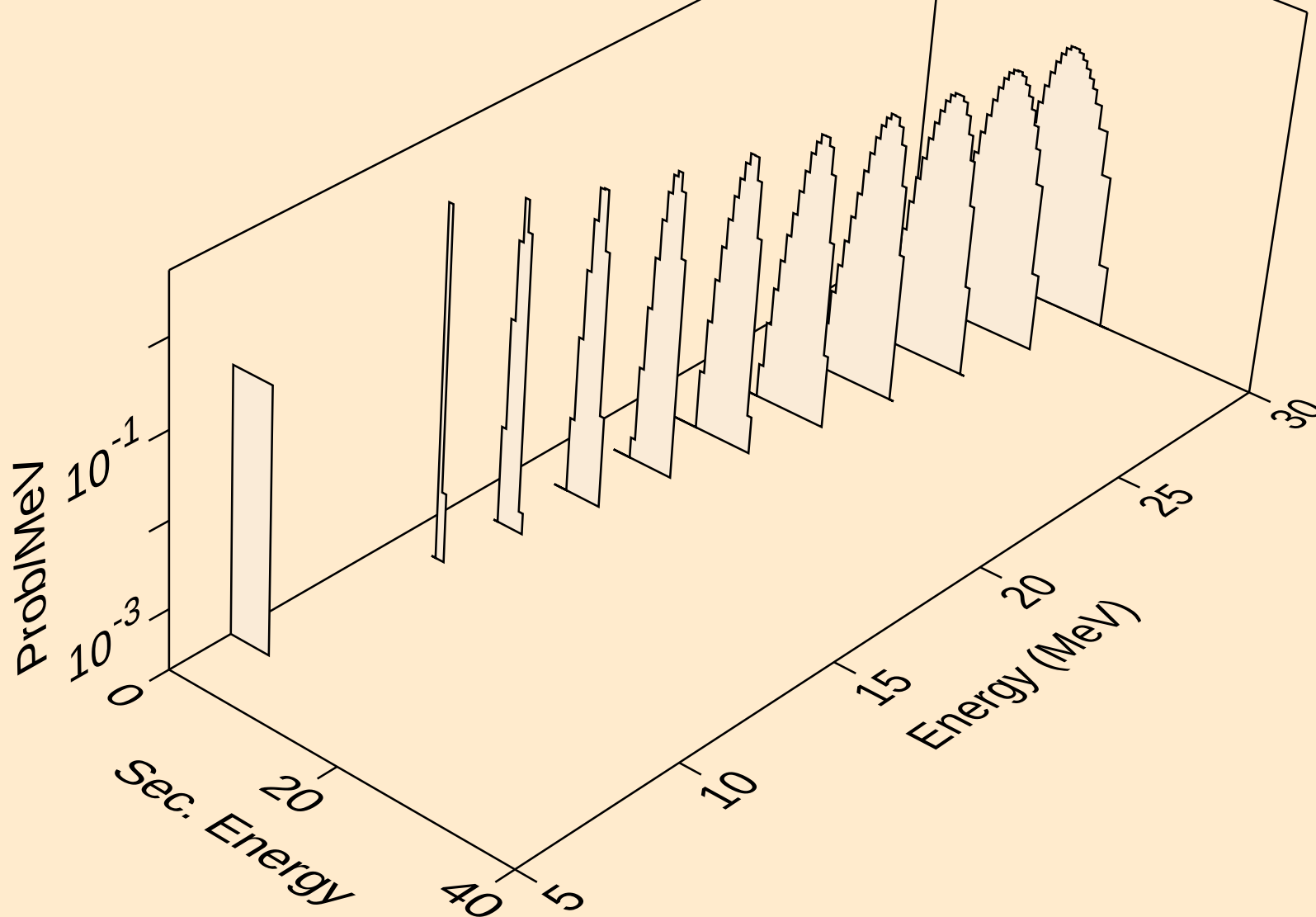
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



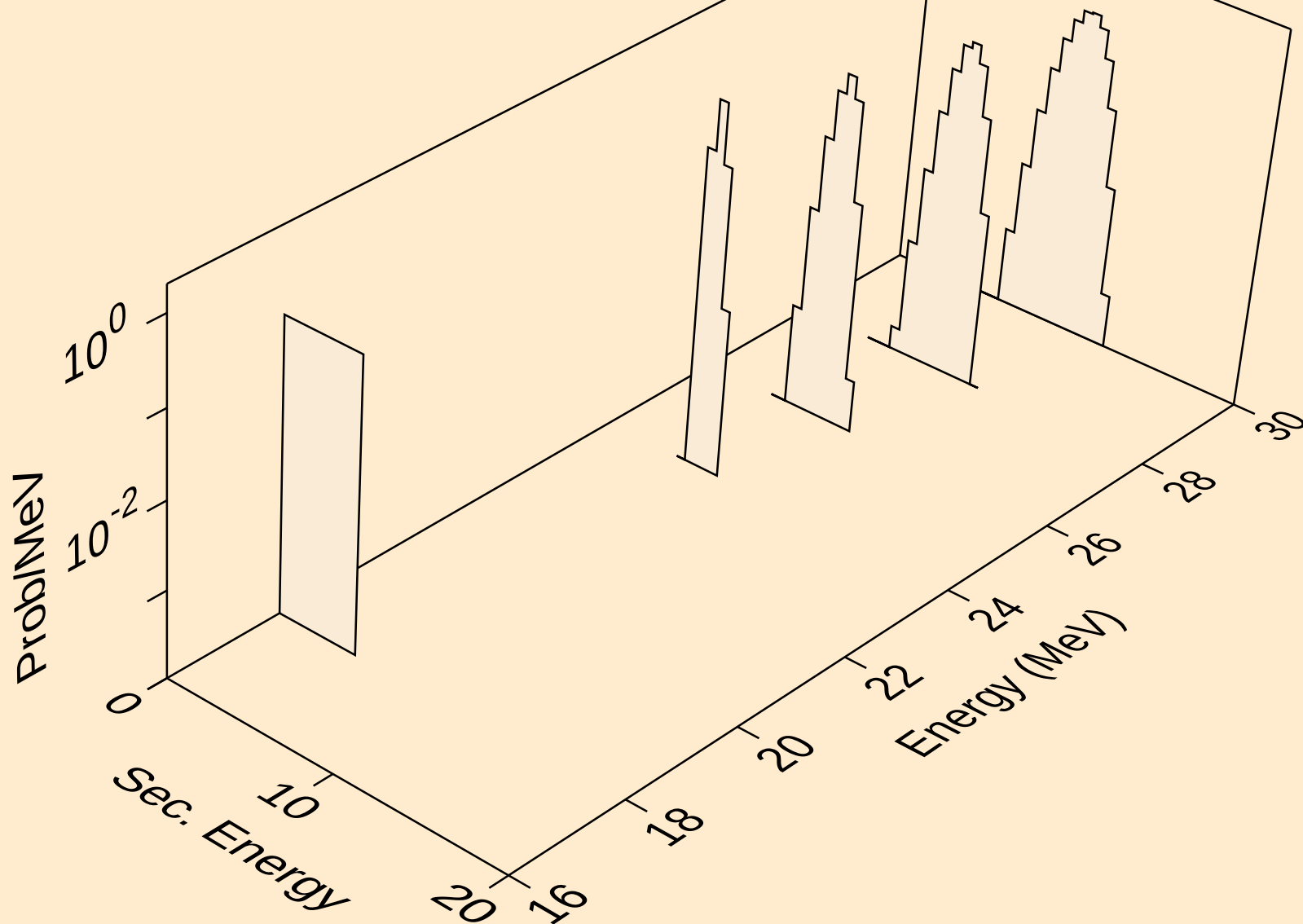
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



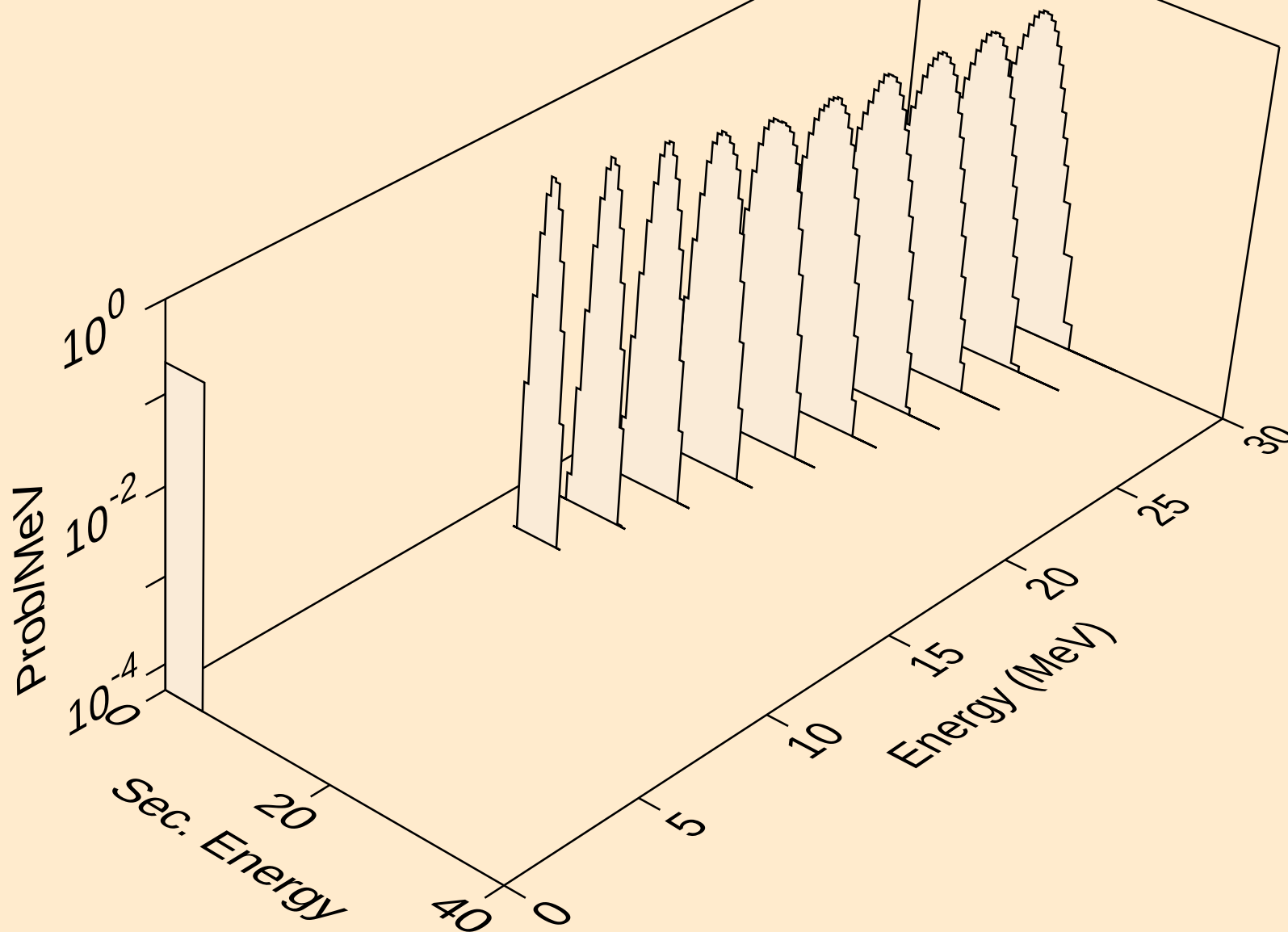
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



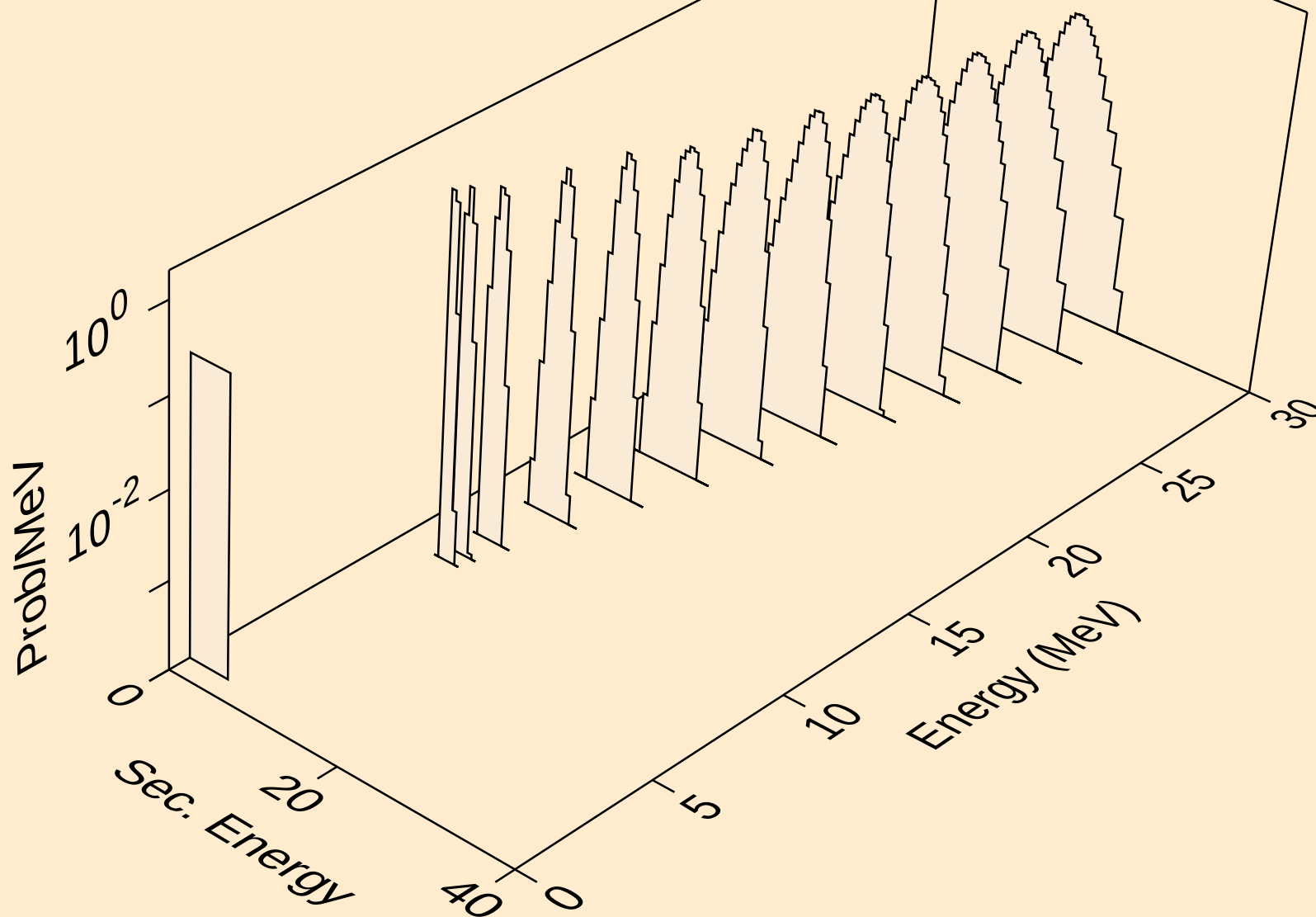
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



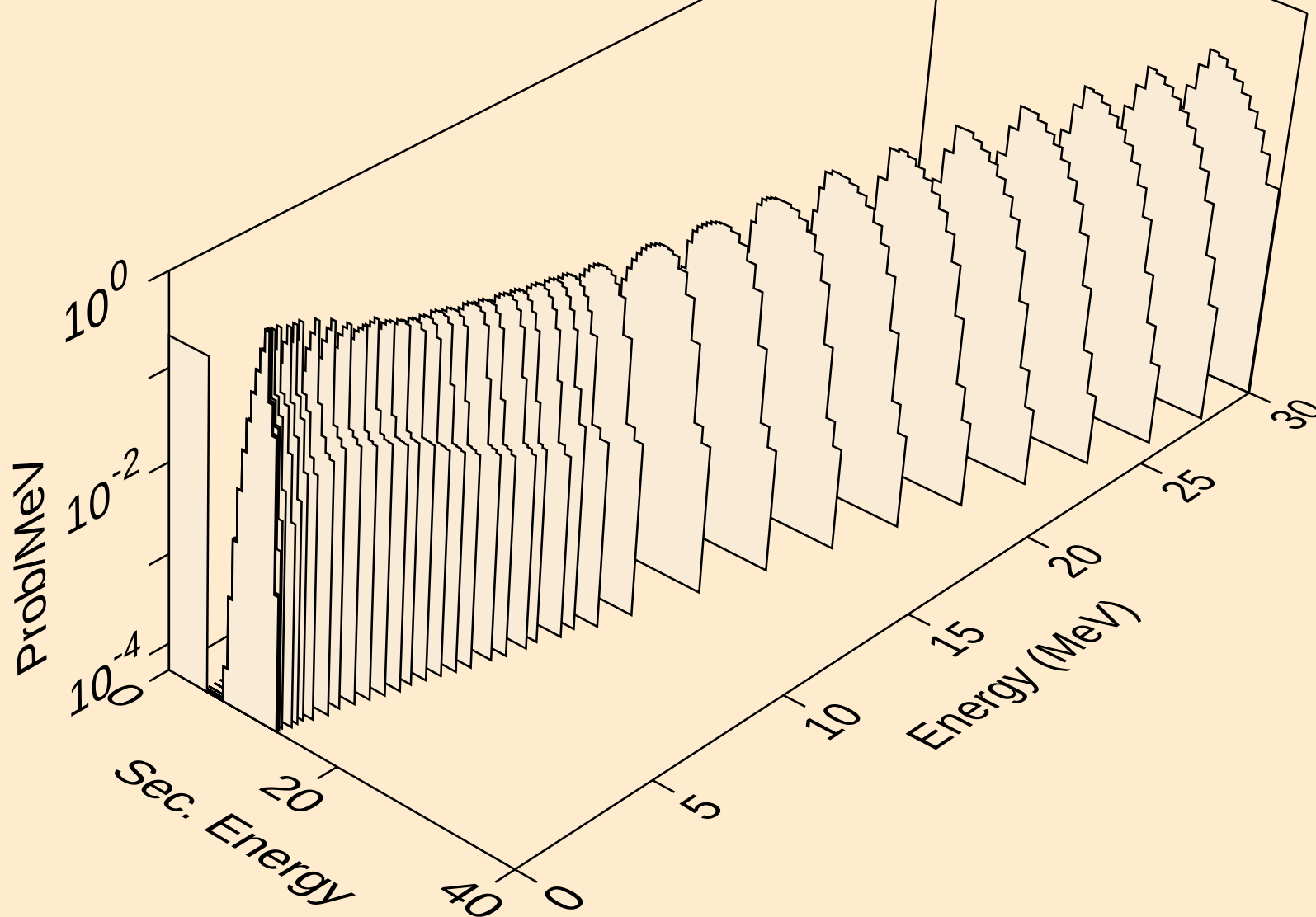
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



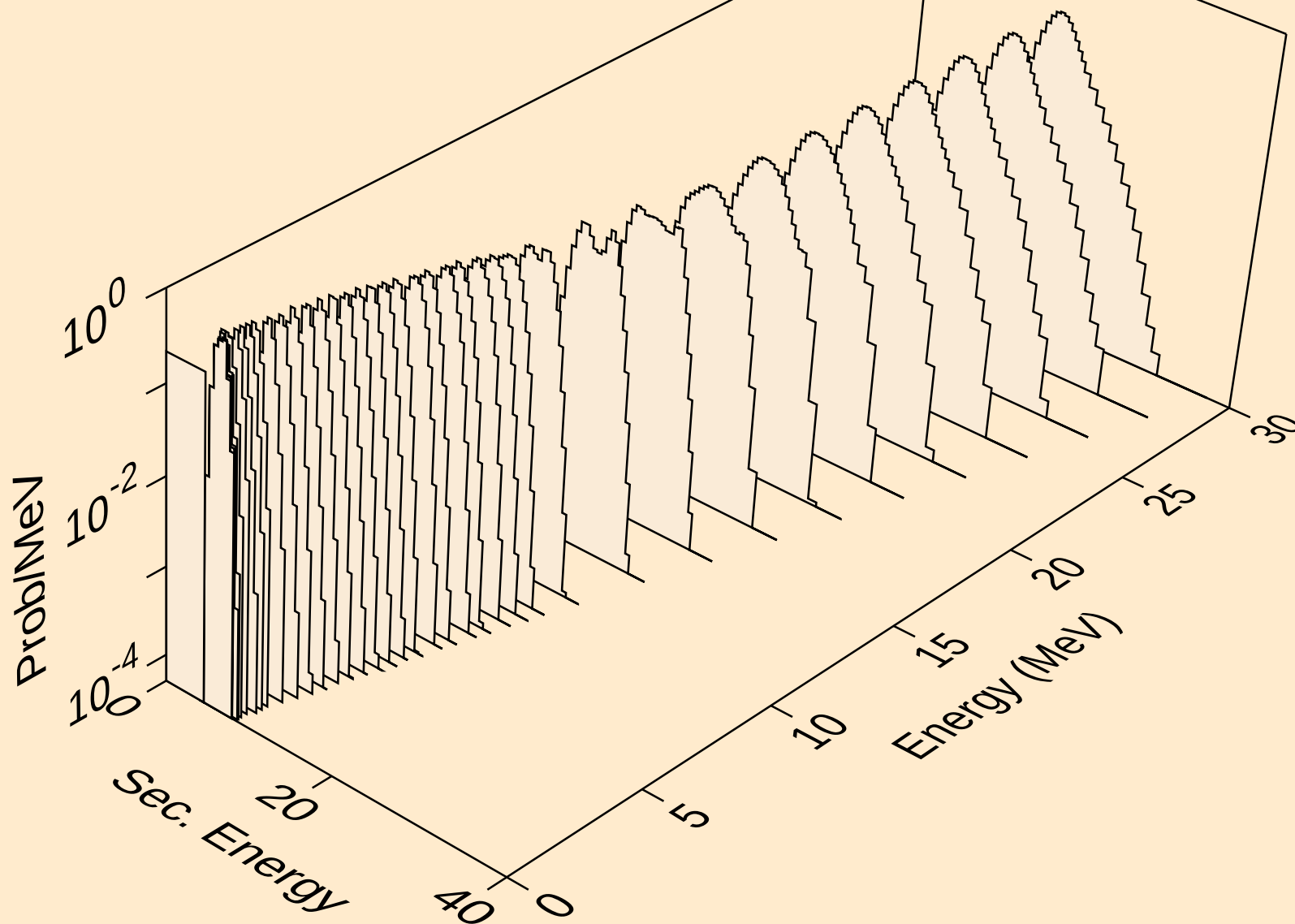
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



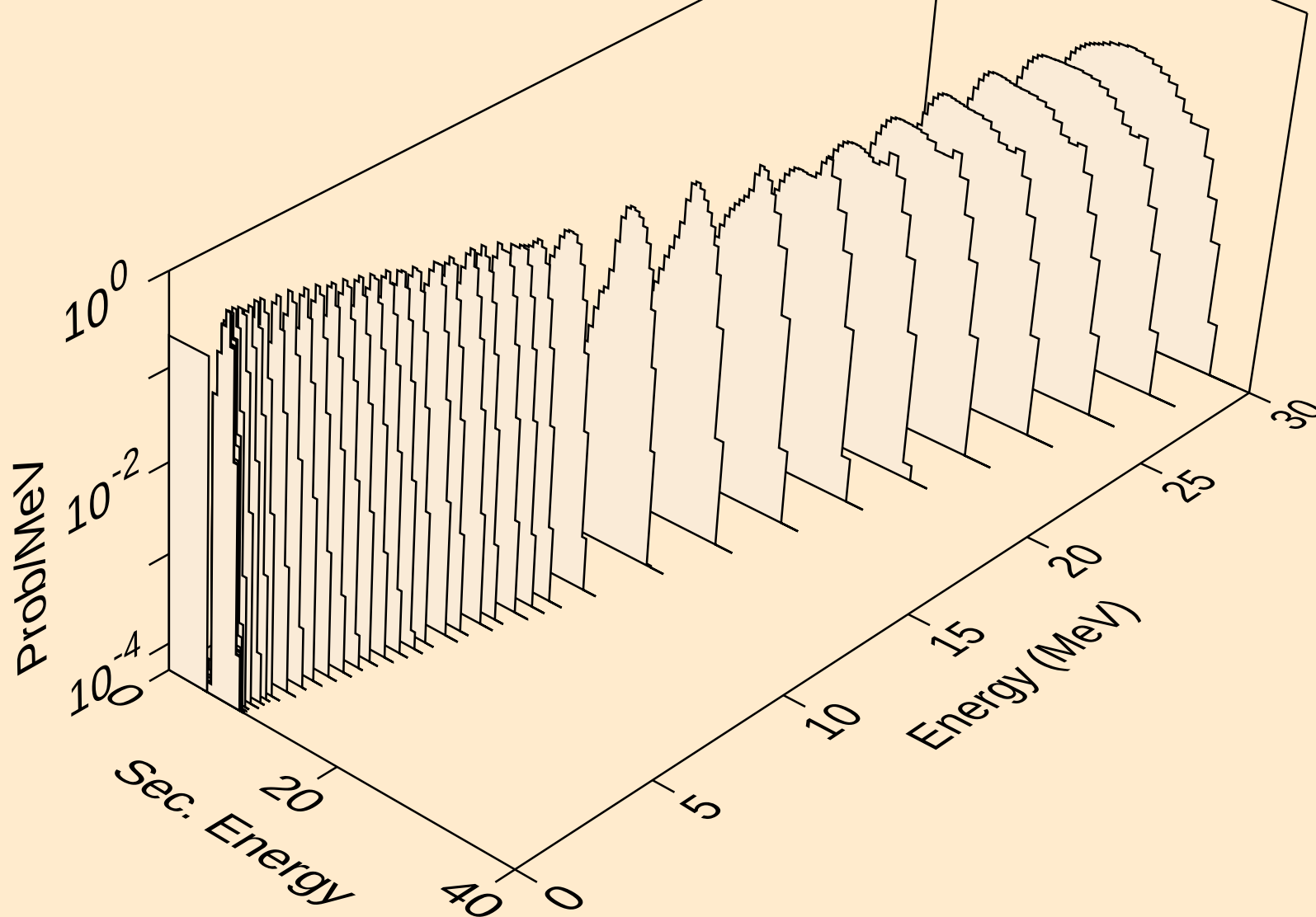
TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



TB148 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

