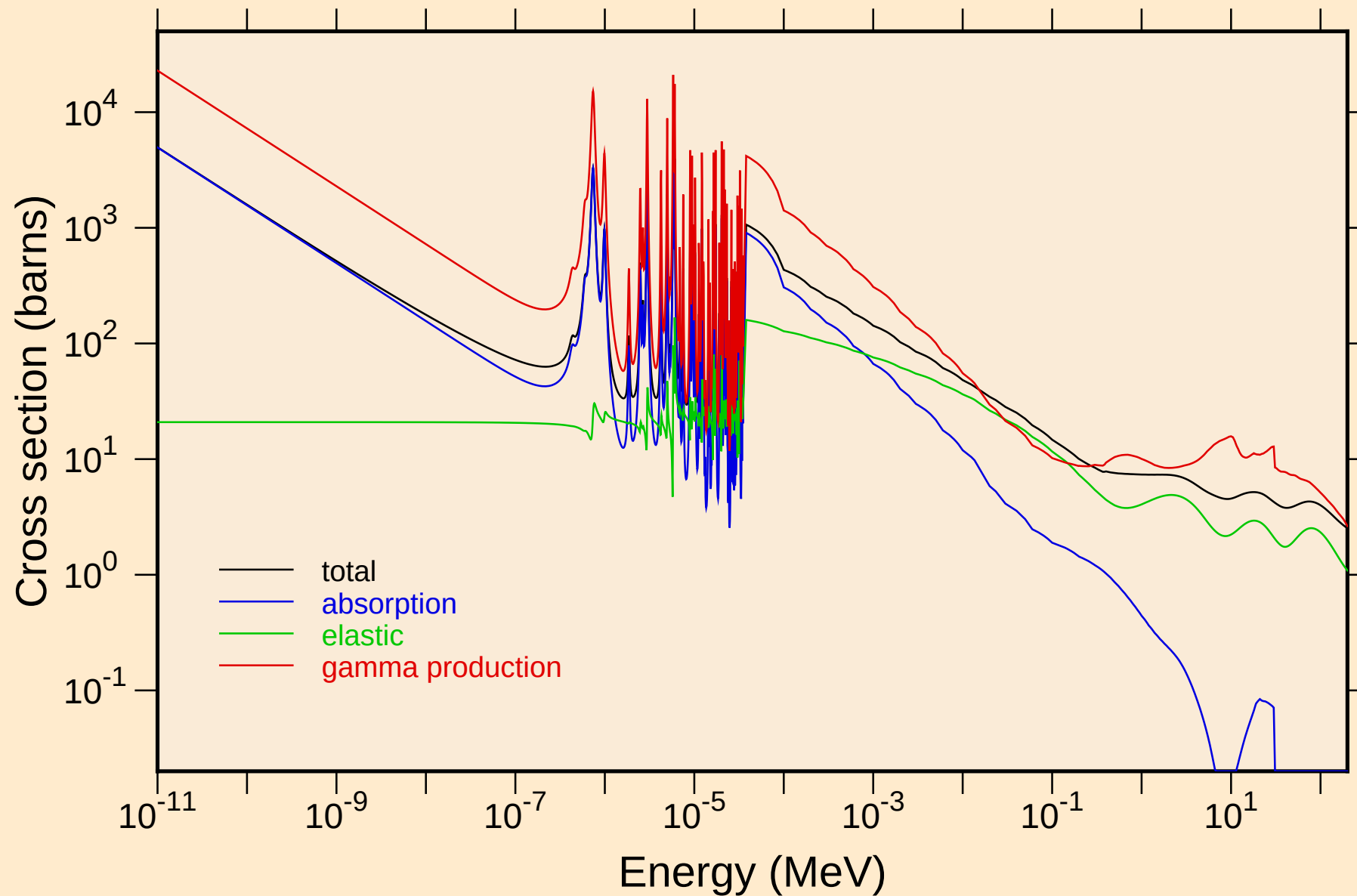
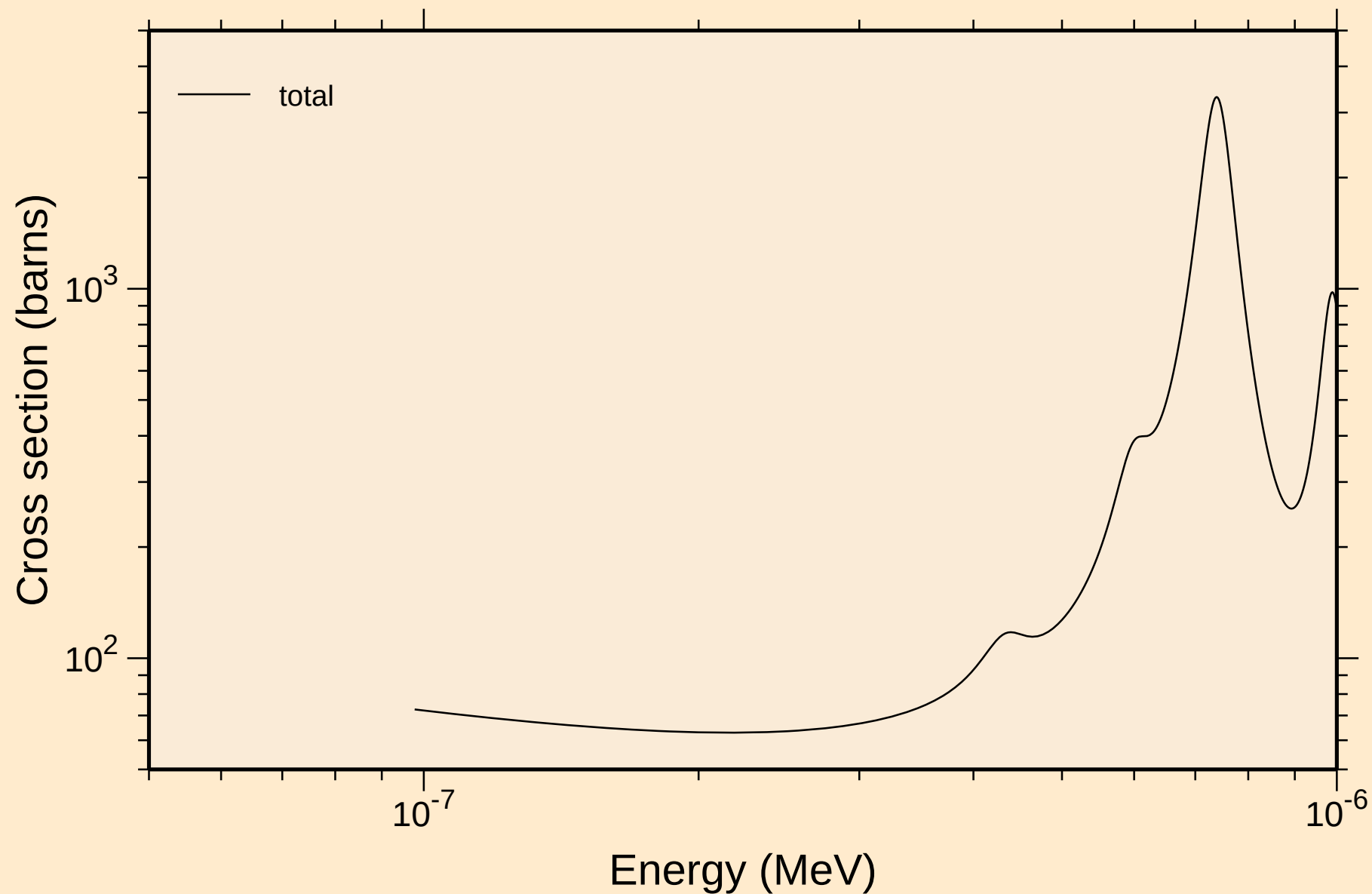


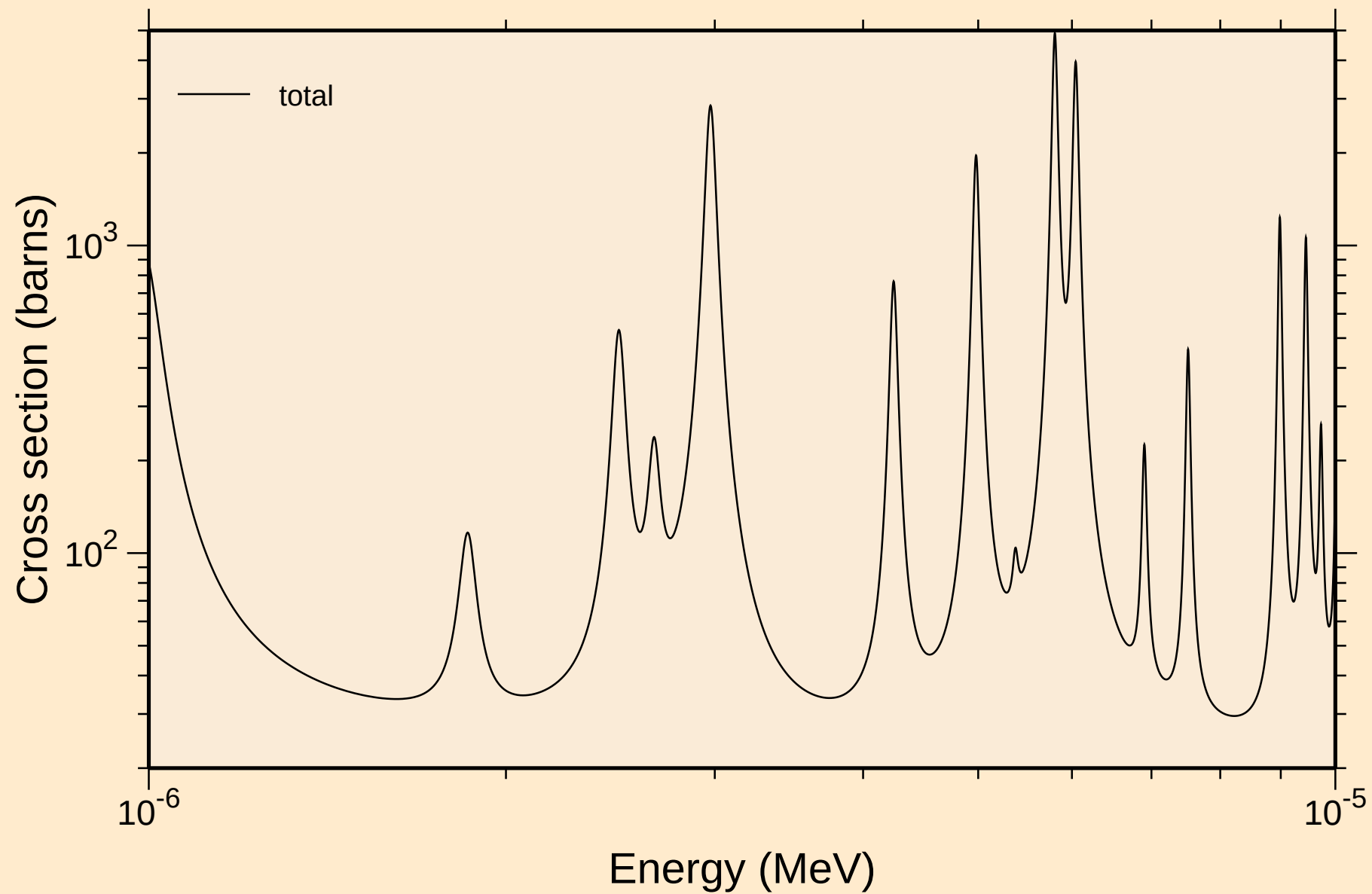
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Principal cross sections



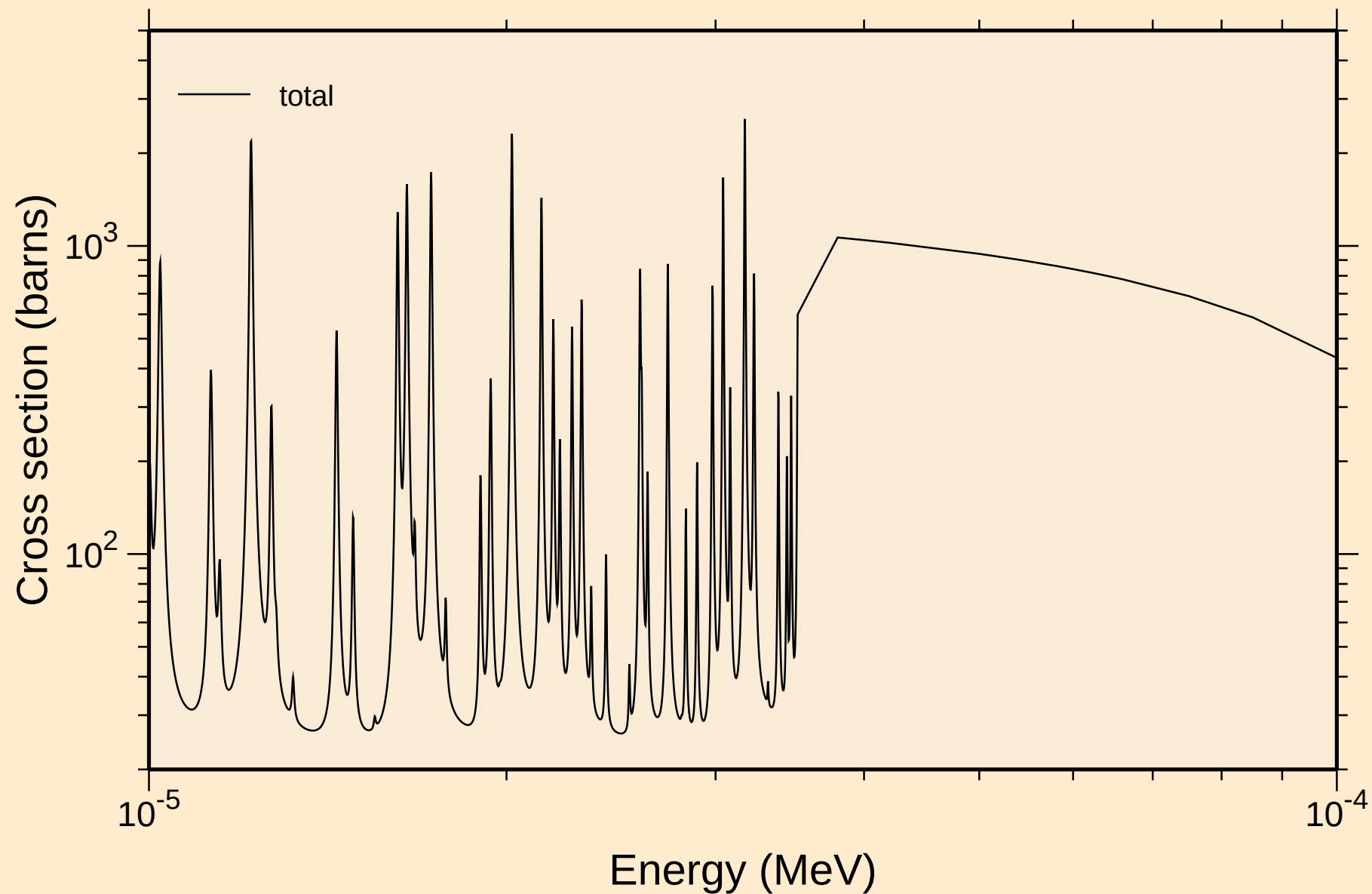
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



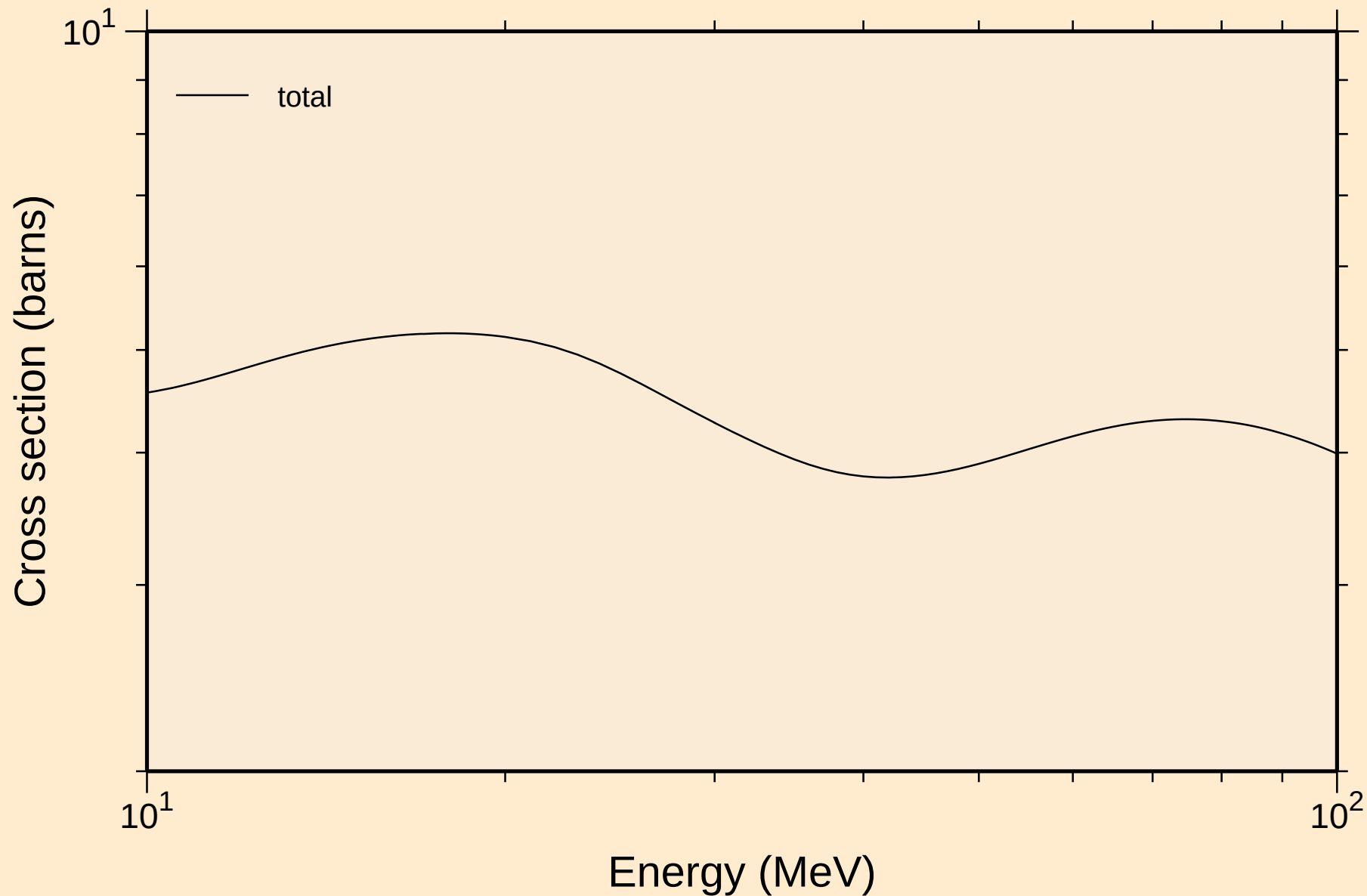
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



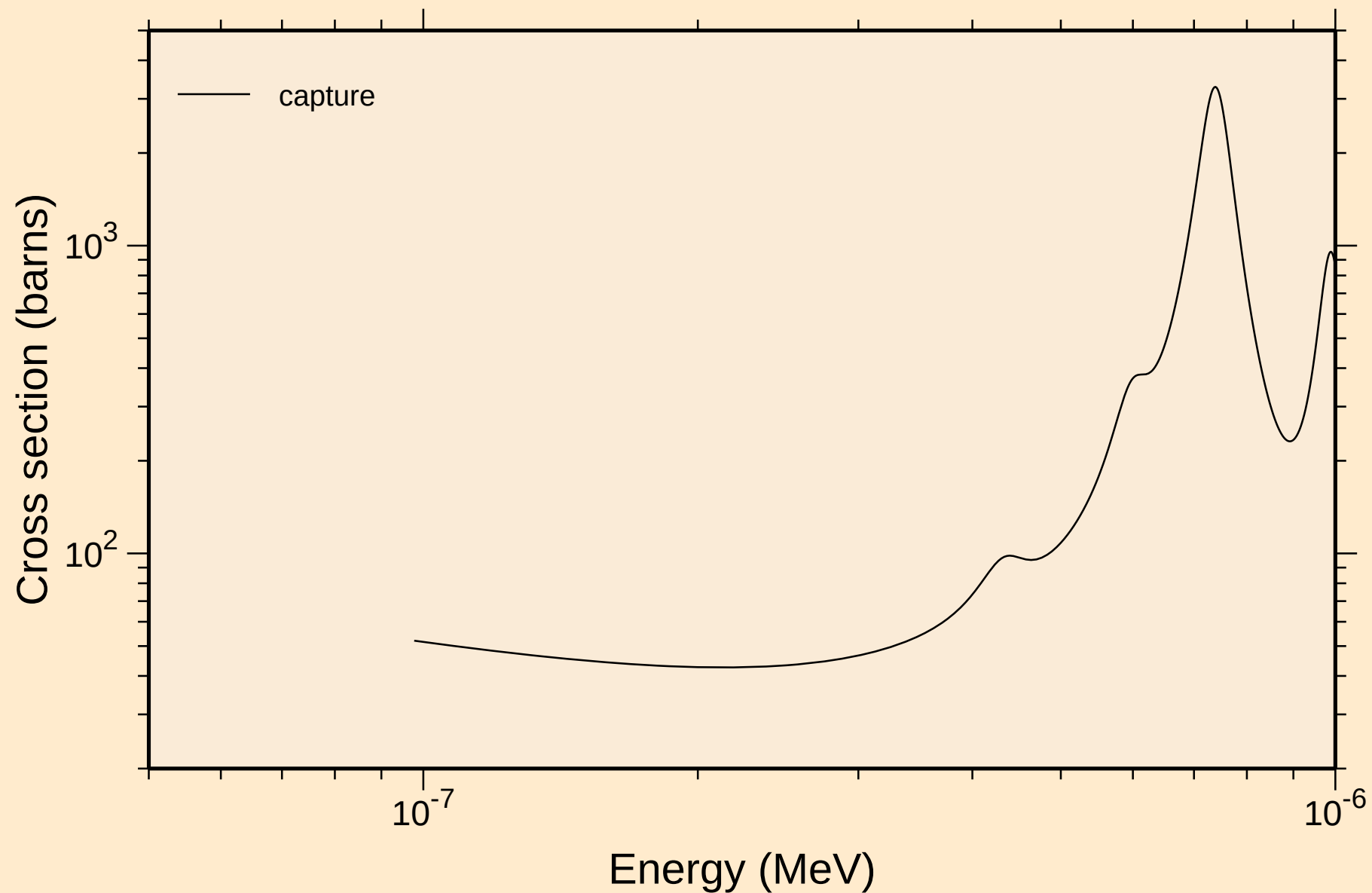
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



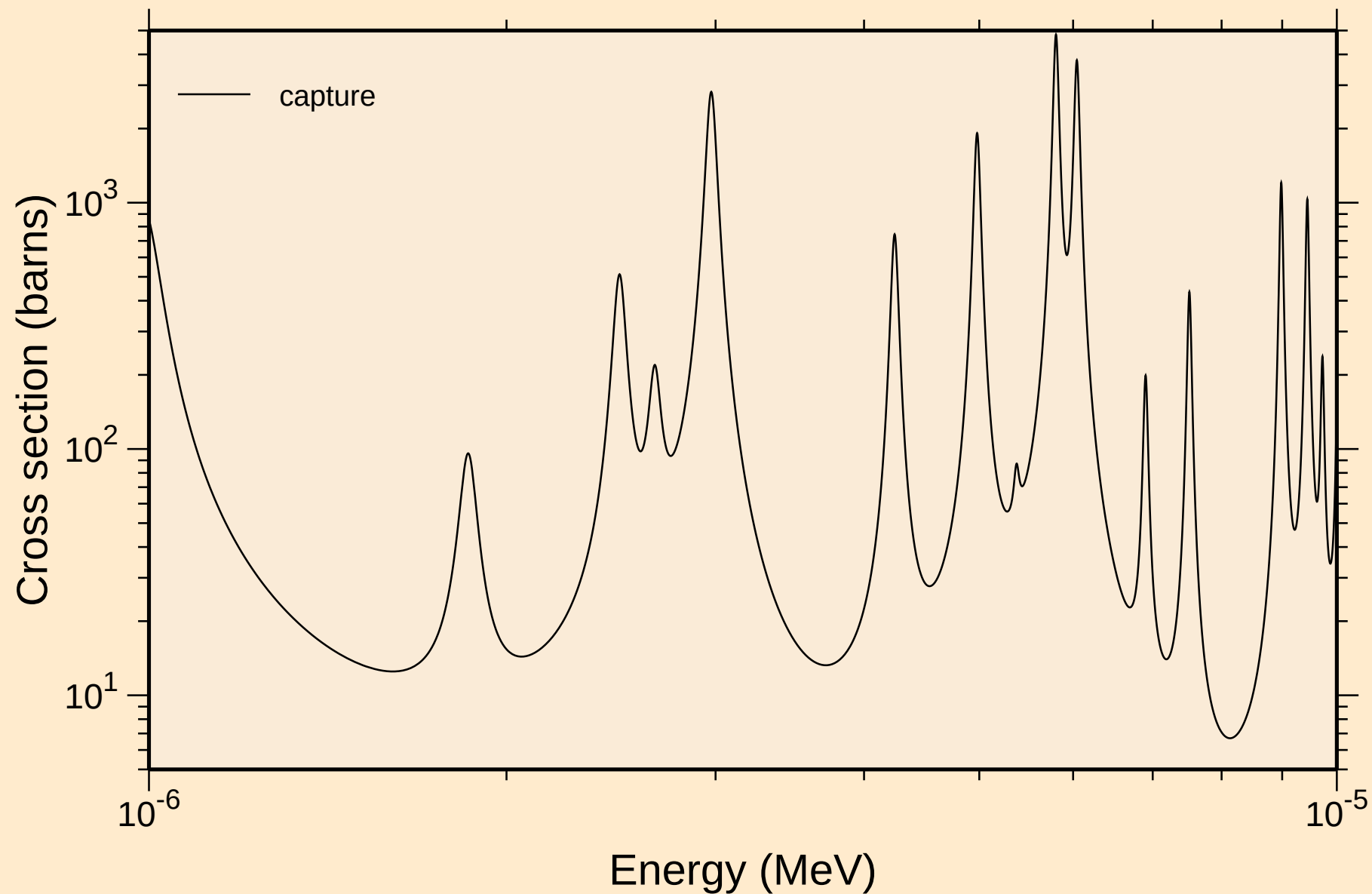
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance total cross section



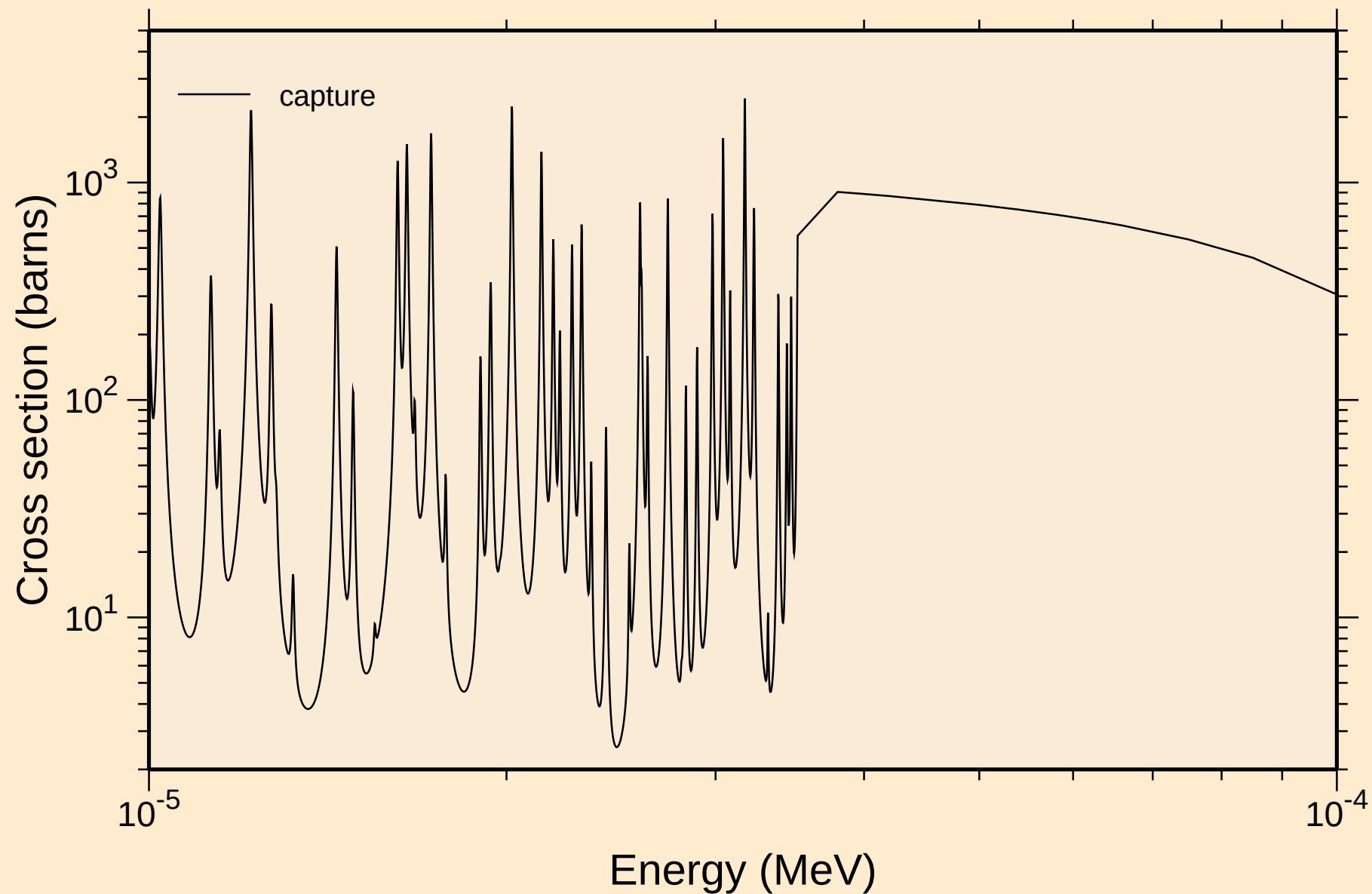
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



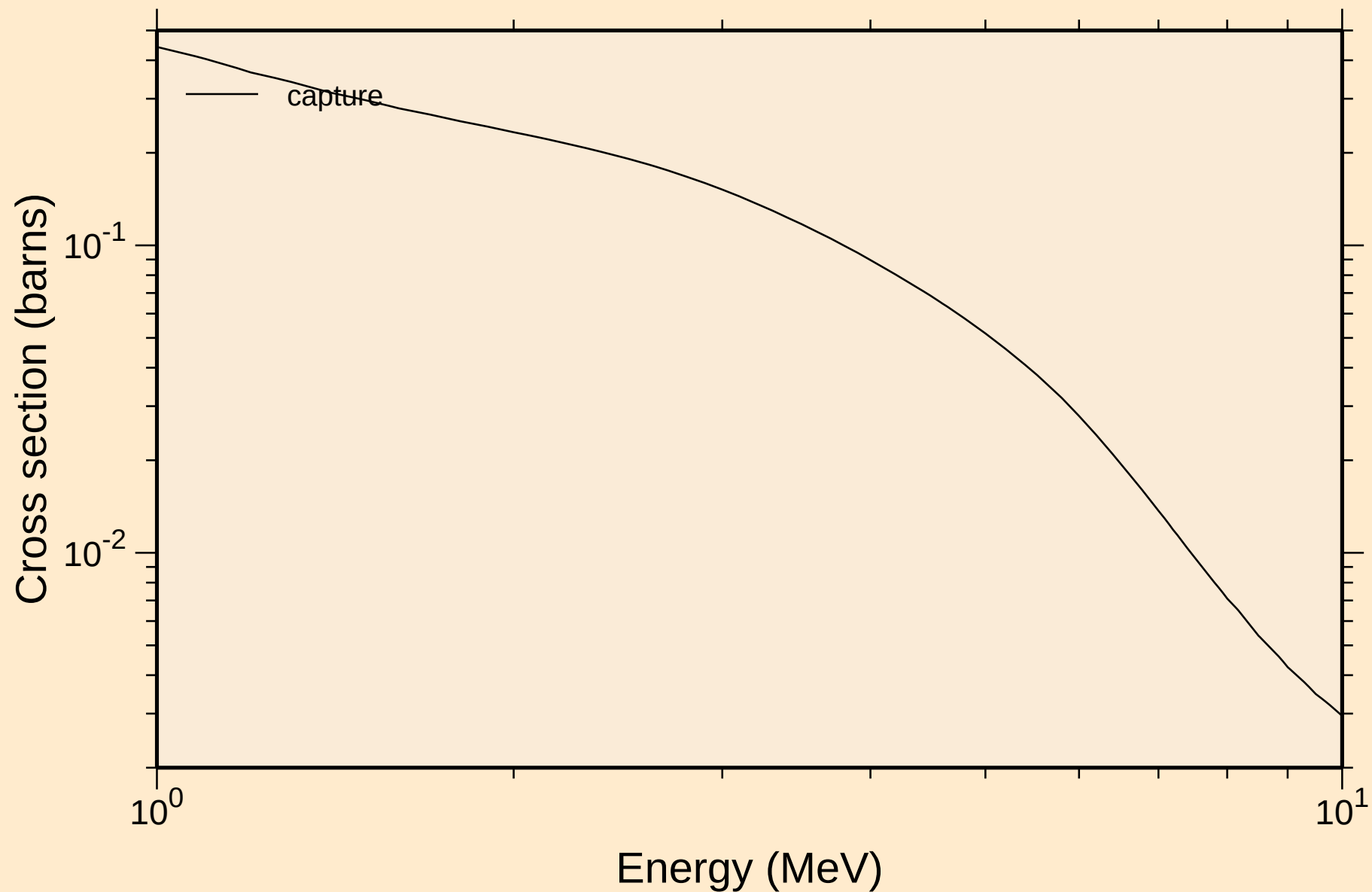
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections

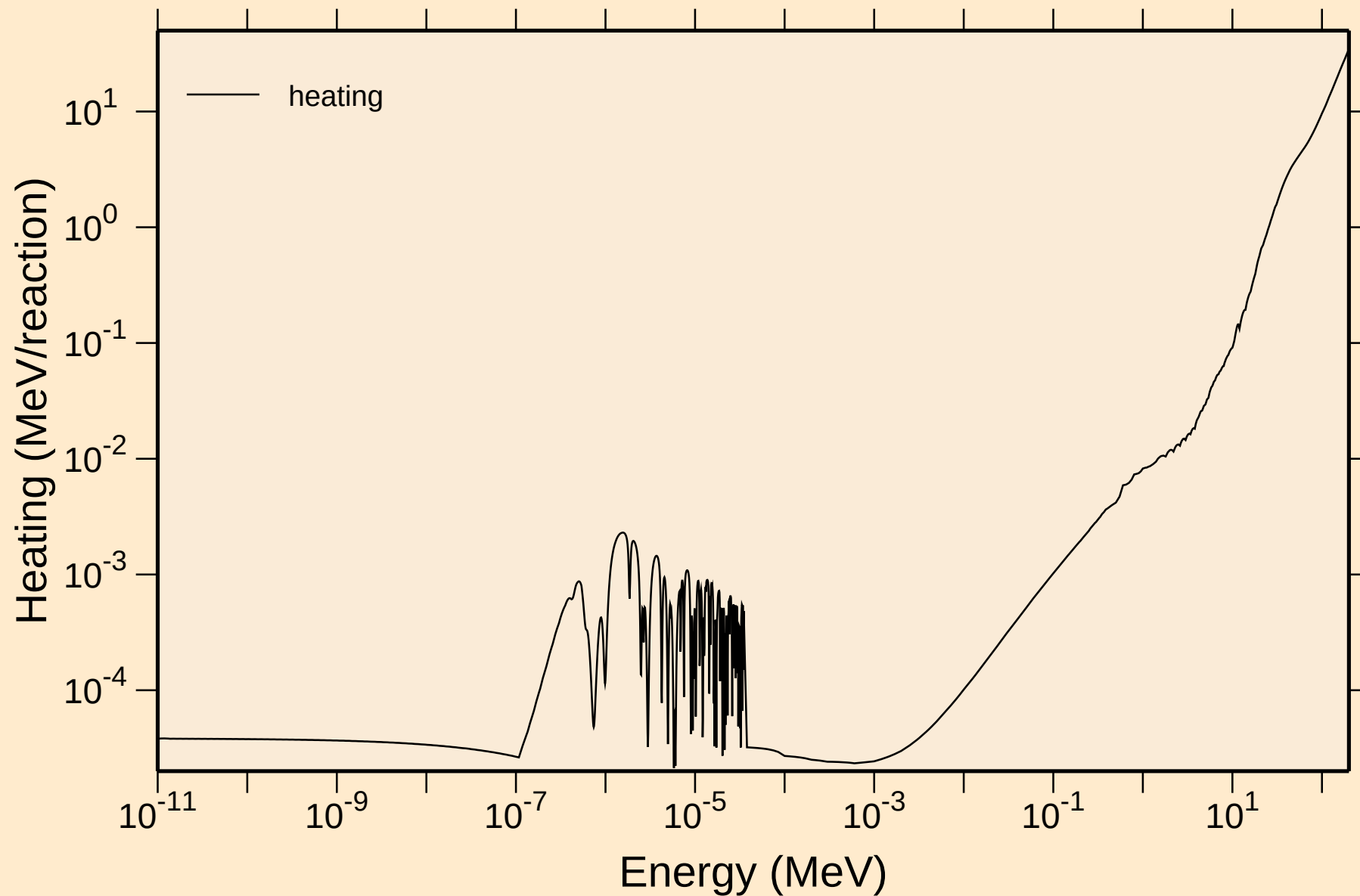


TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
resonance absorption cross sections



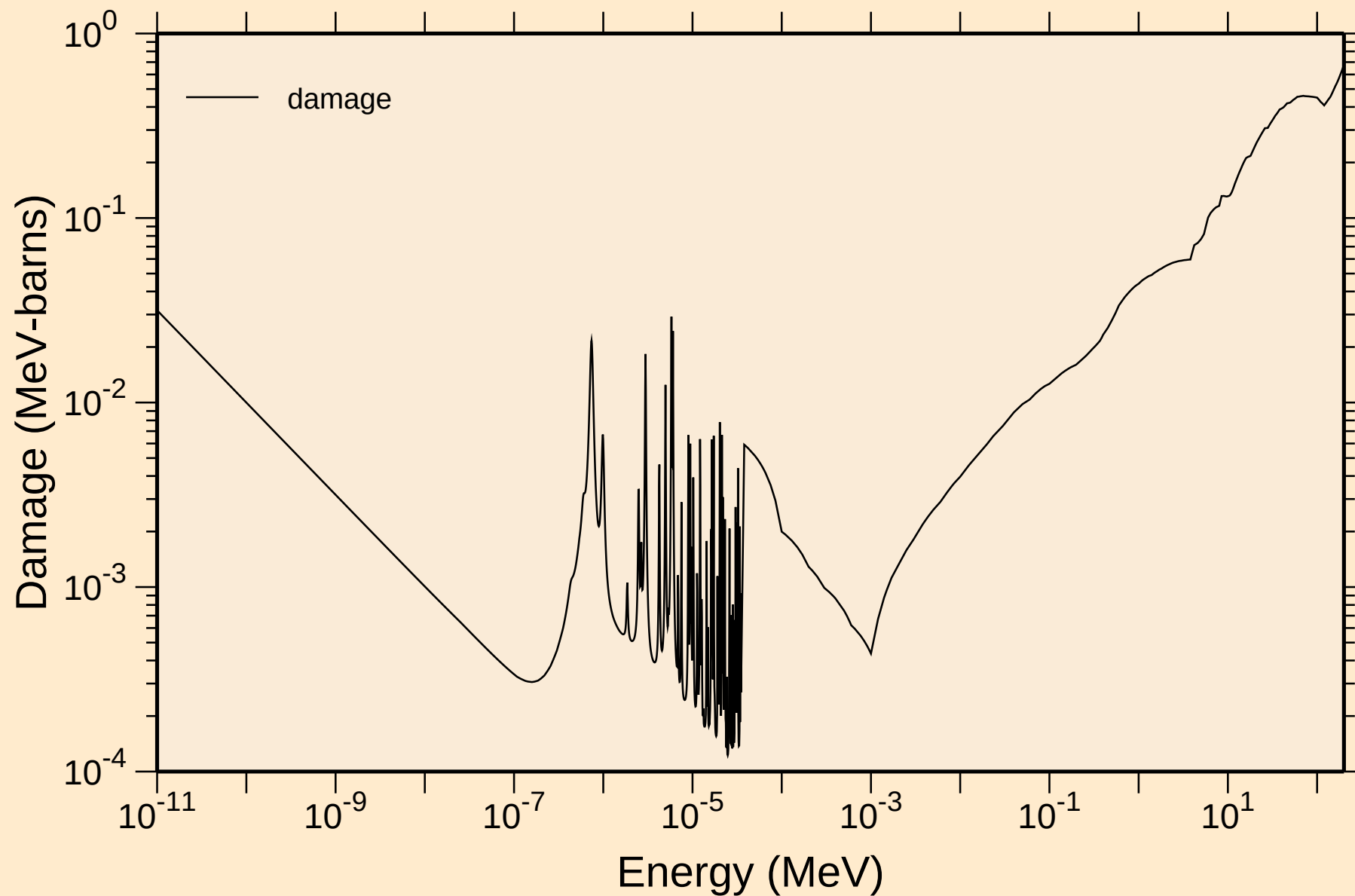
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

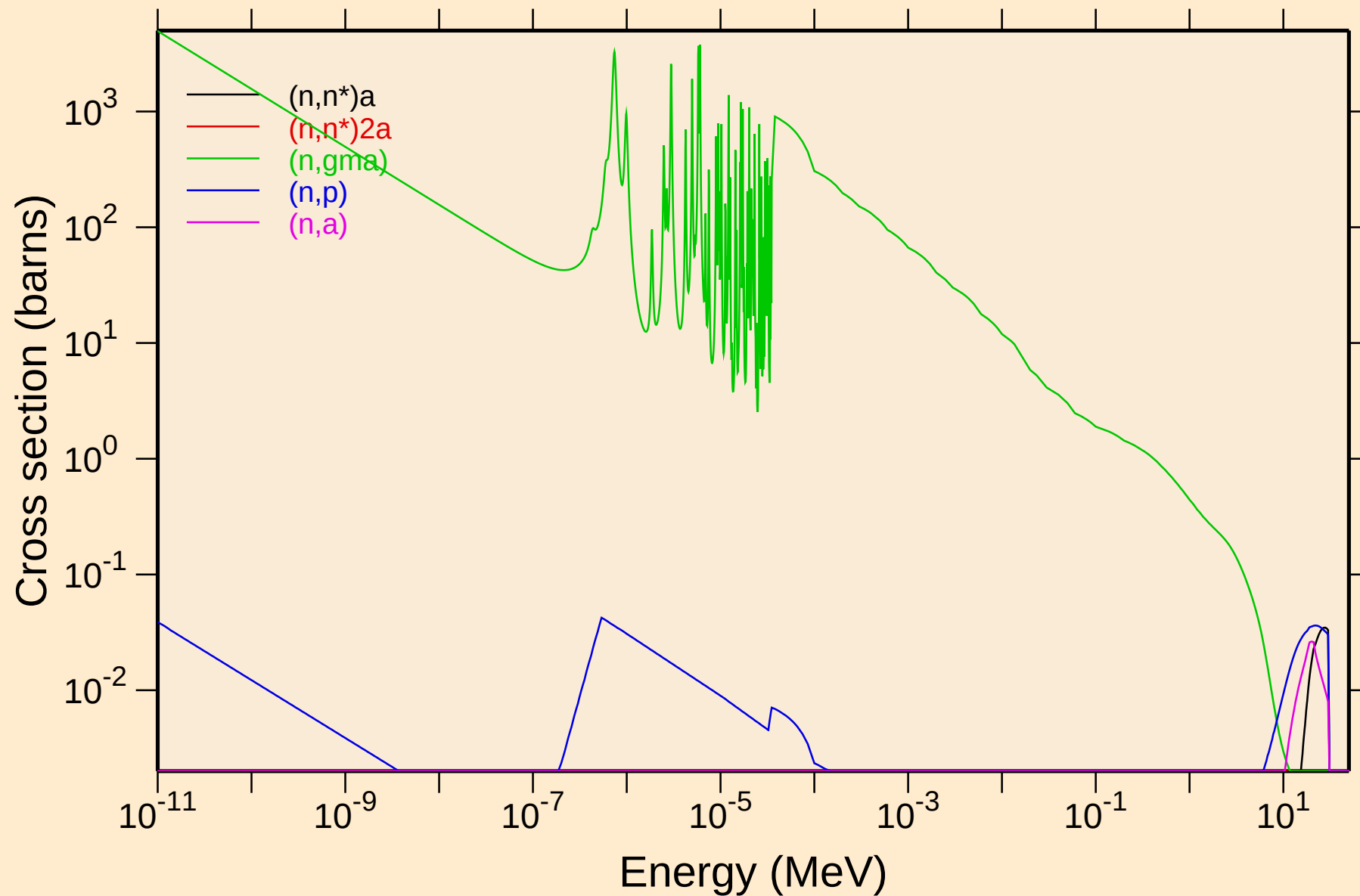


TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

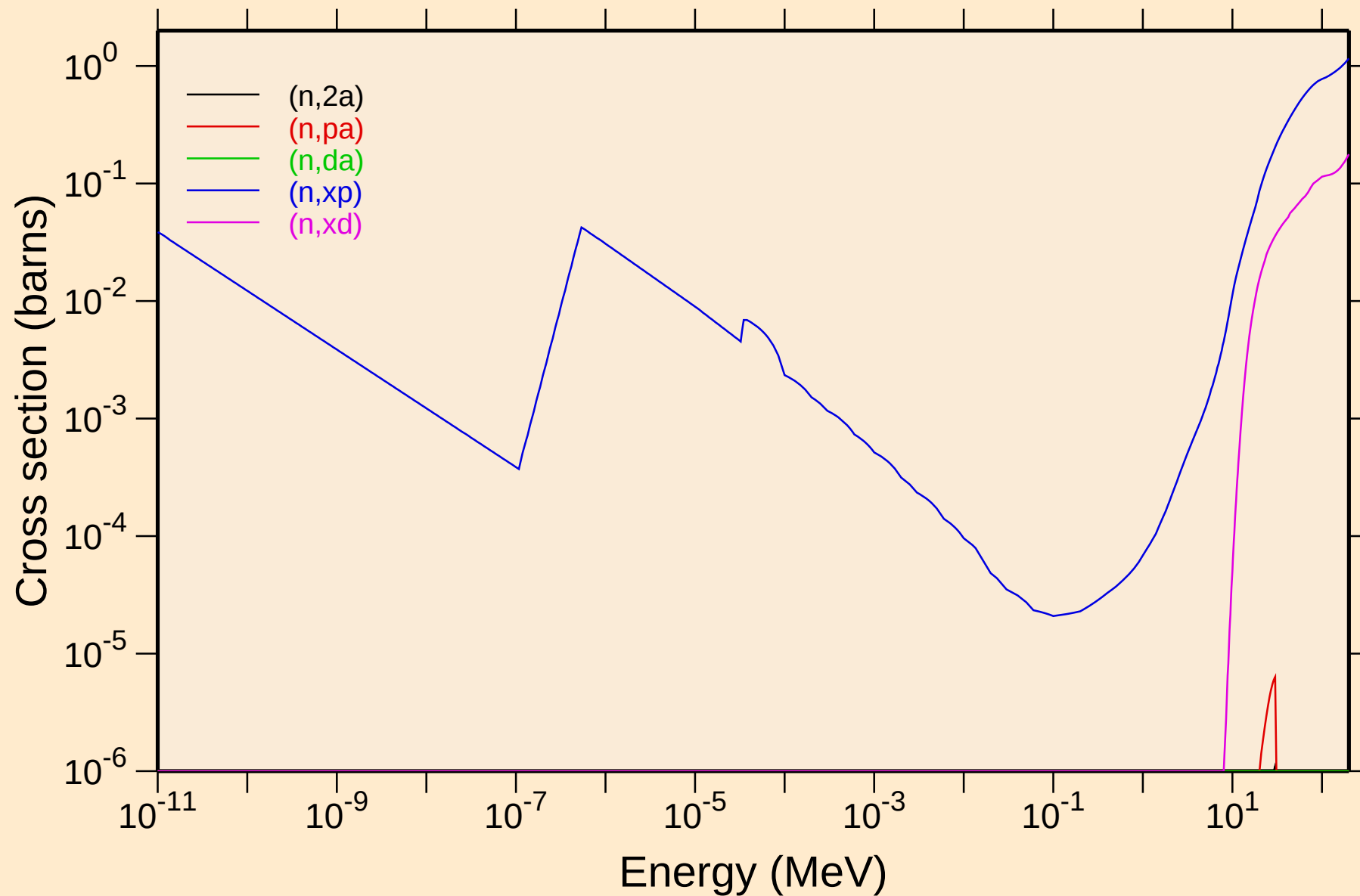
Damage



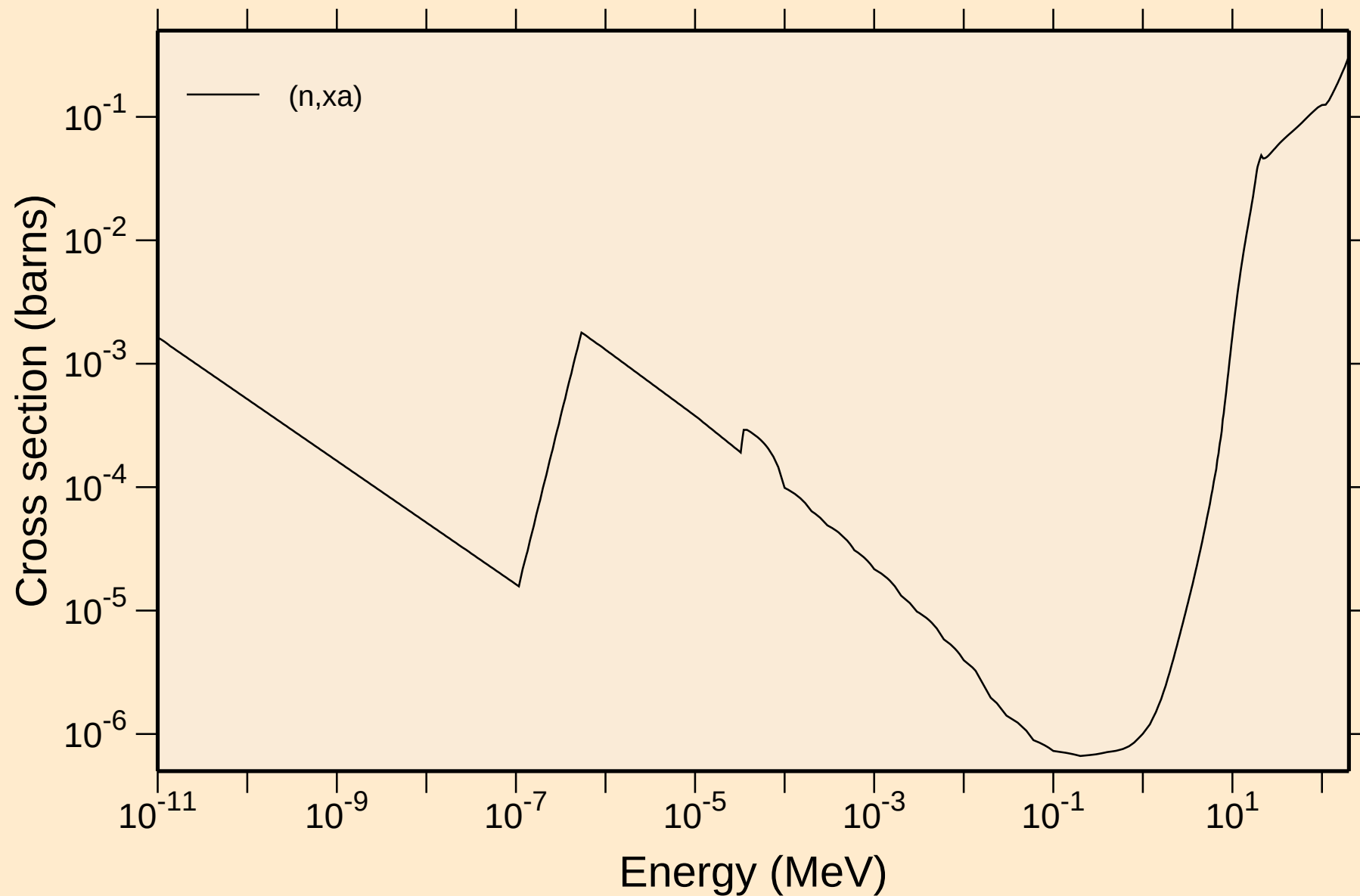
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions

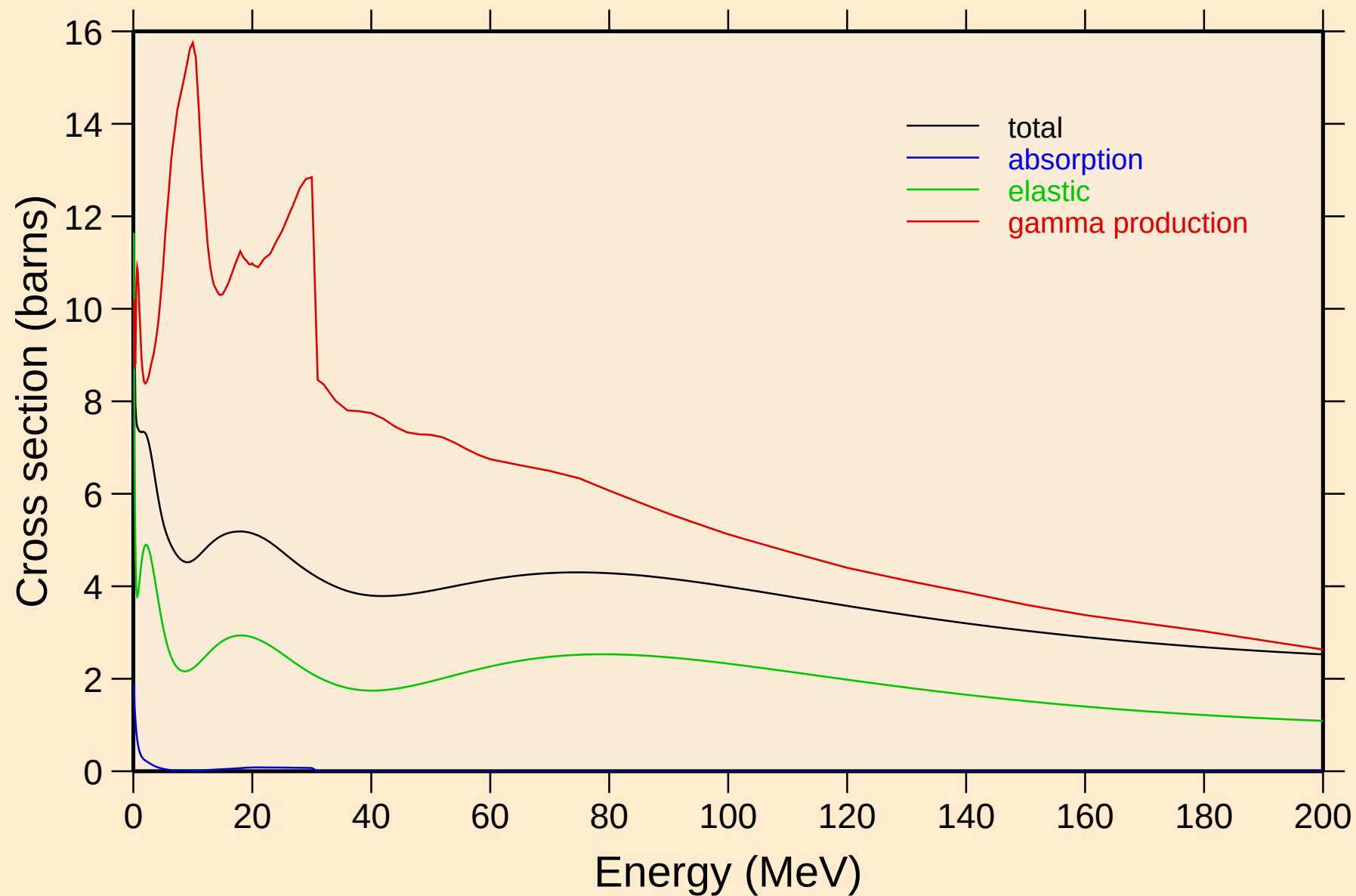


TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



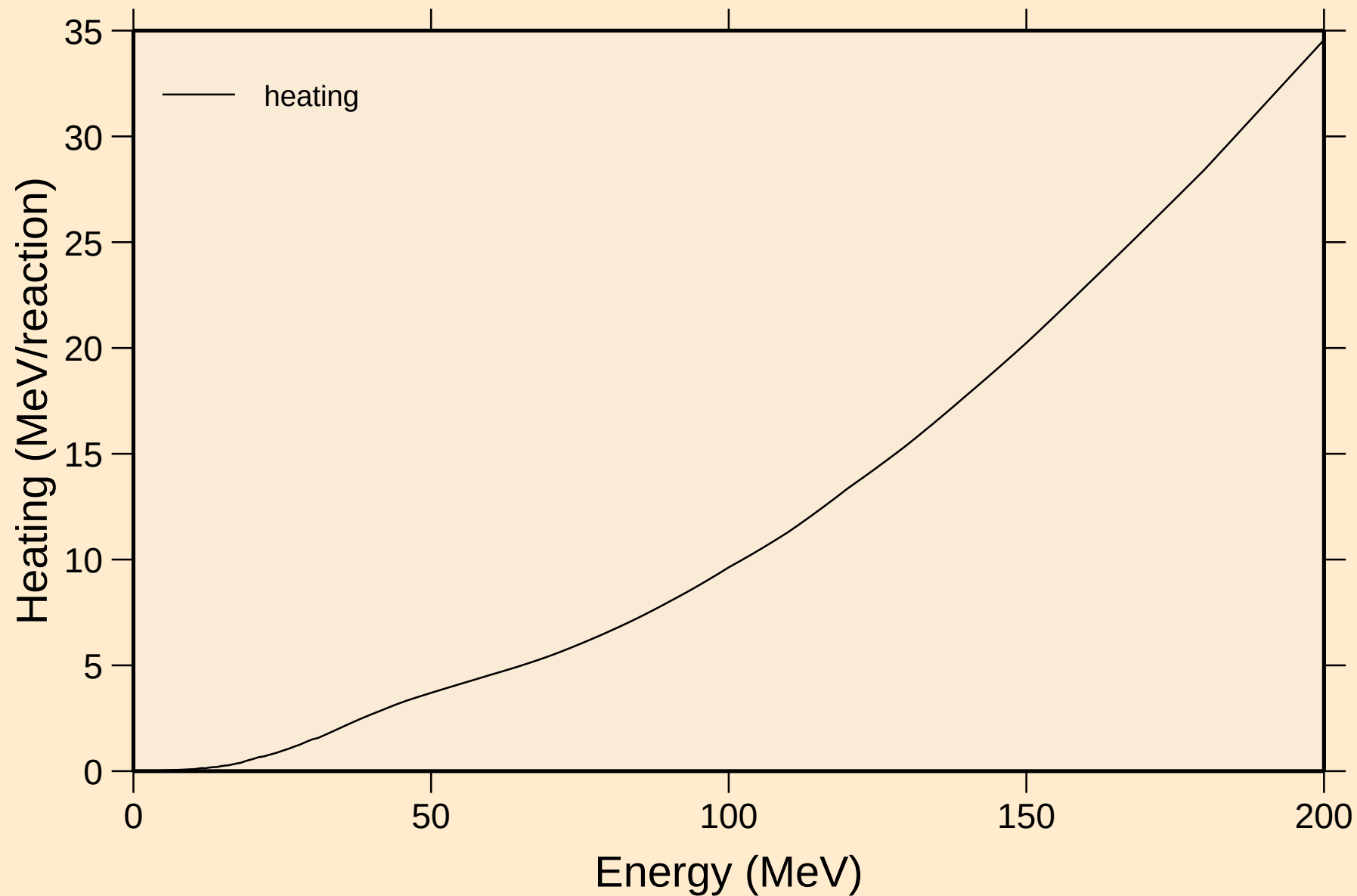
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



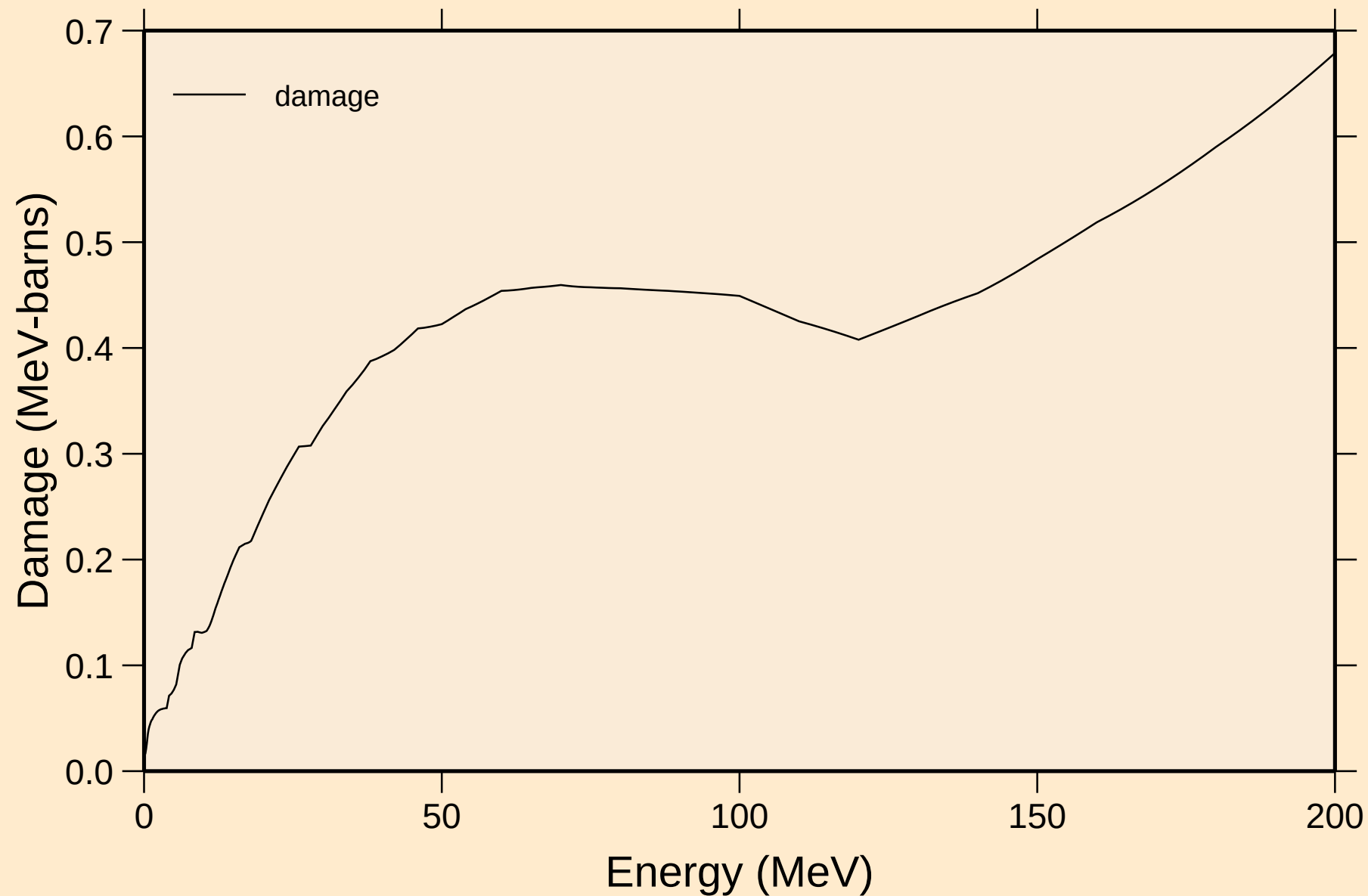
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

Heating

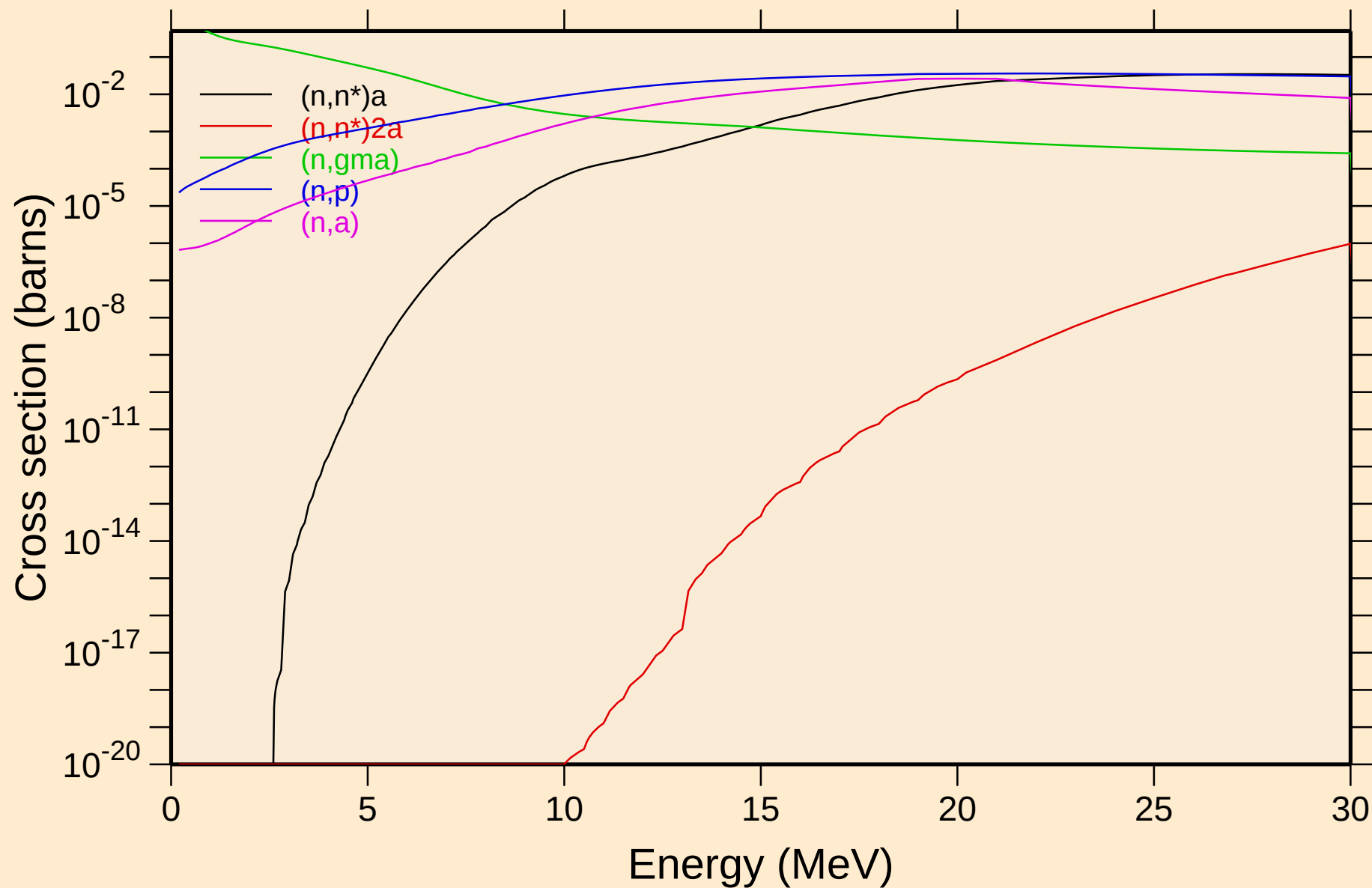


TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

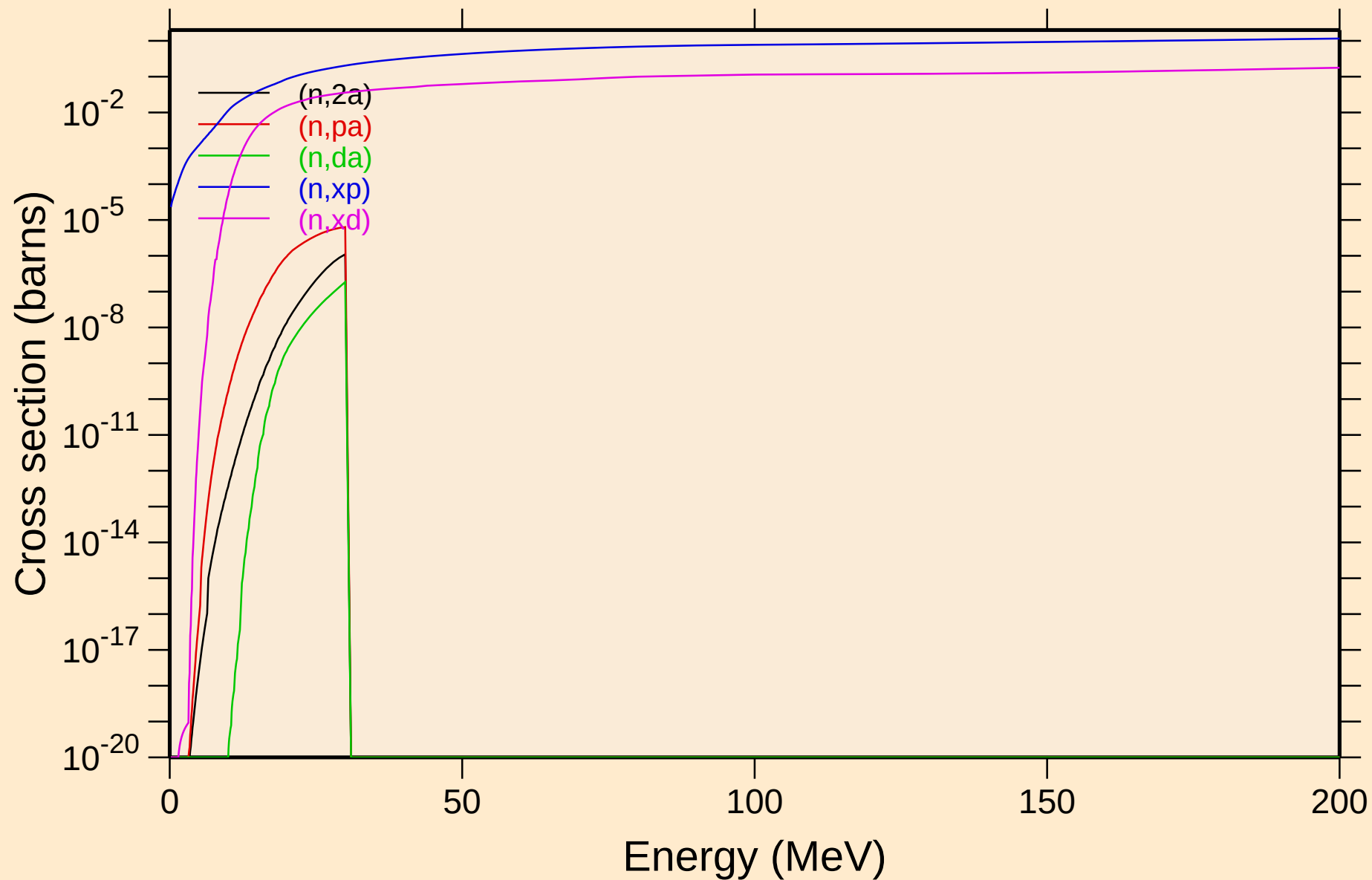
Damage



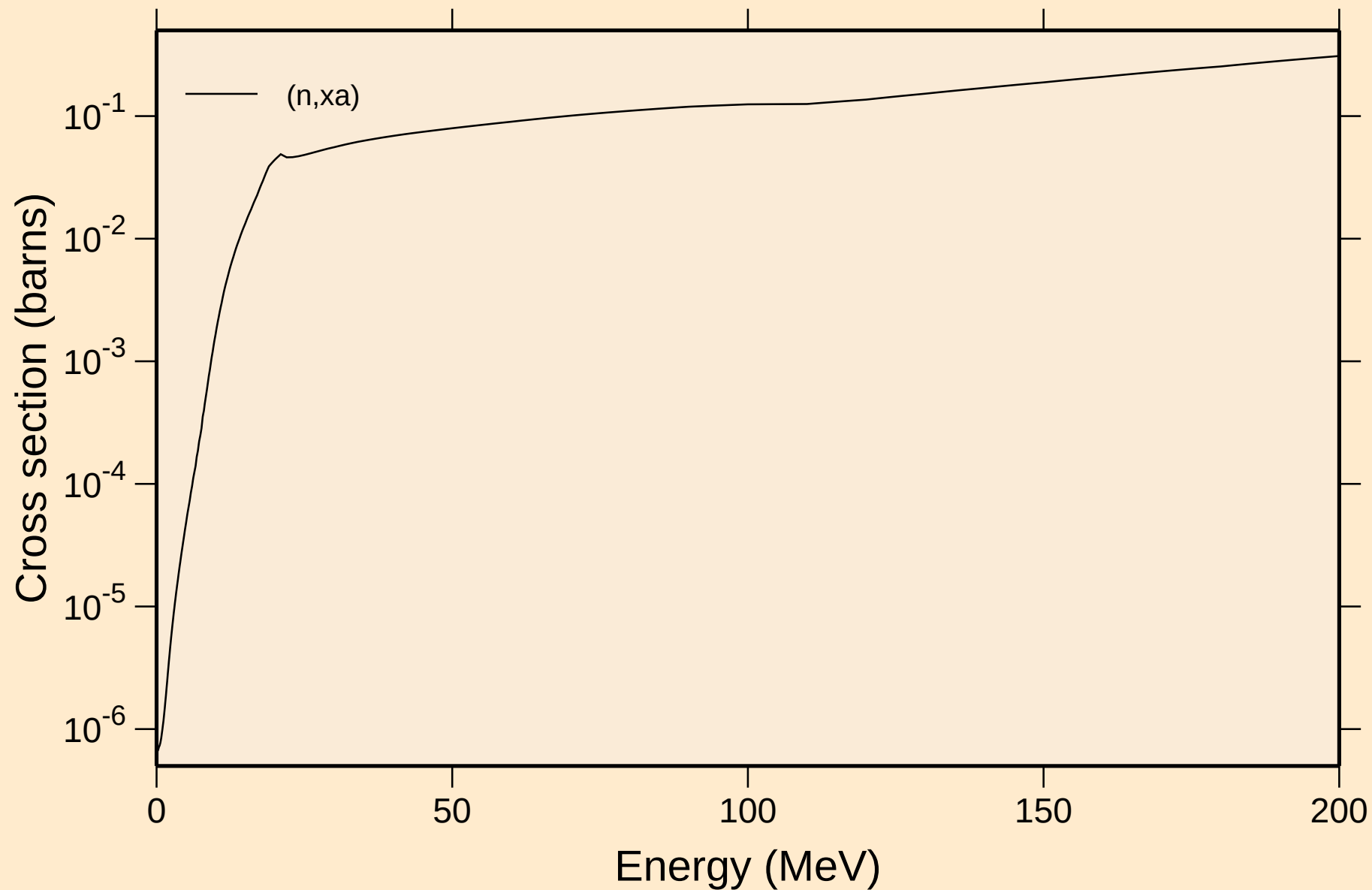
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



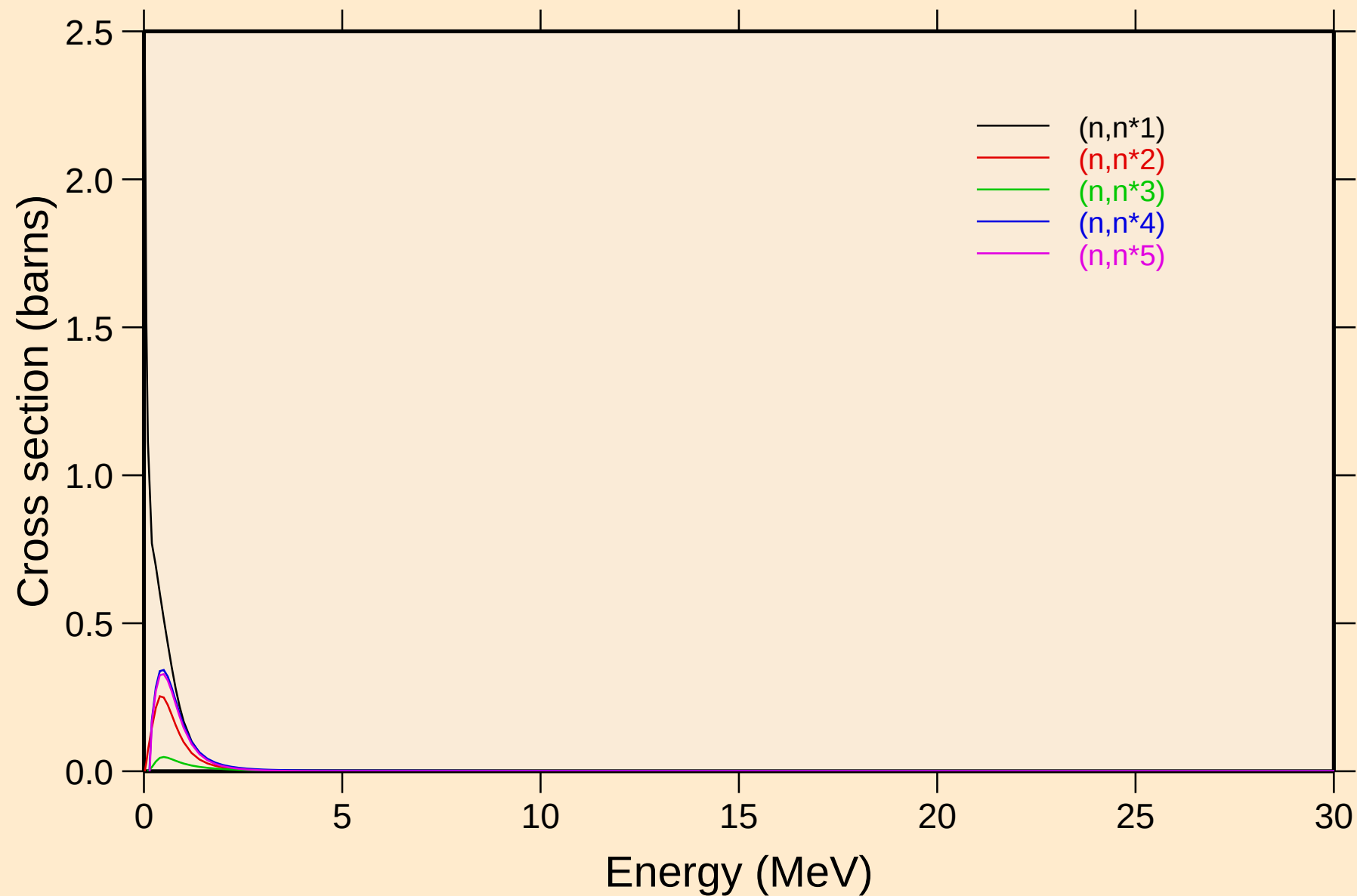
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



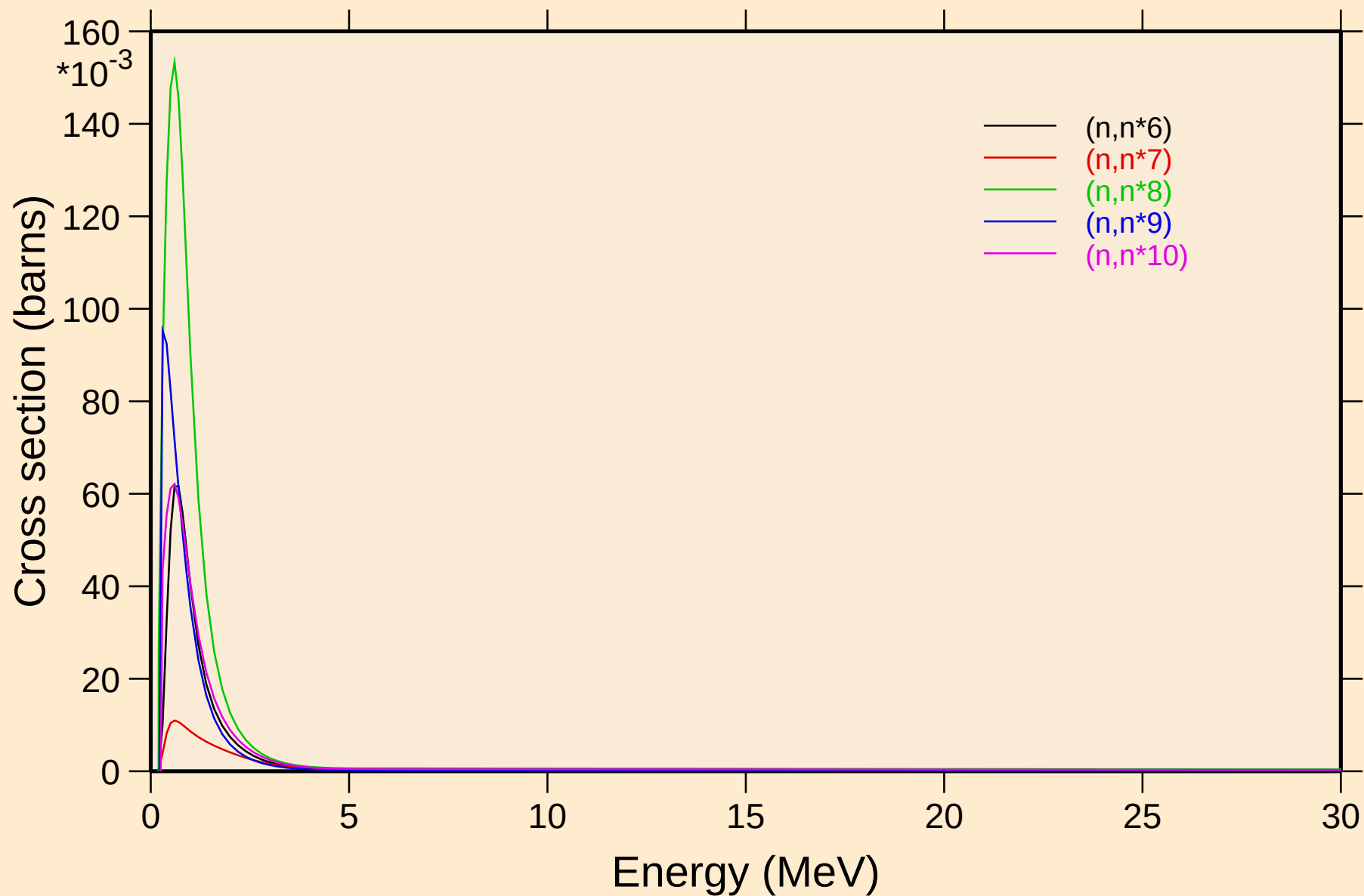
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Non-threshold reactions



TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

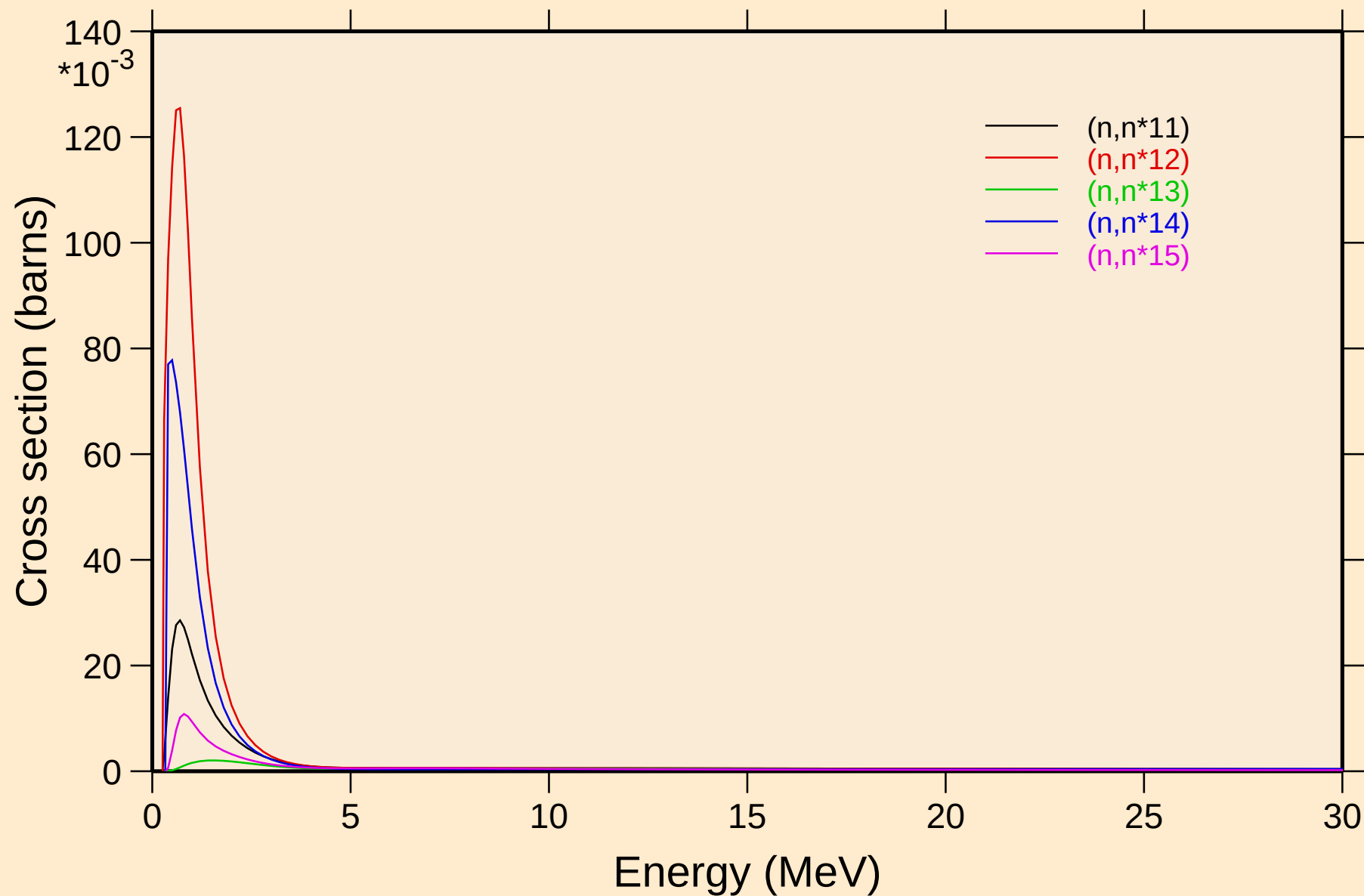


TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels

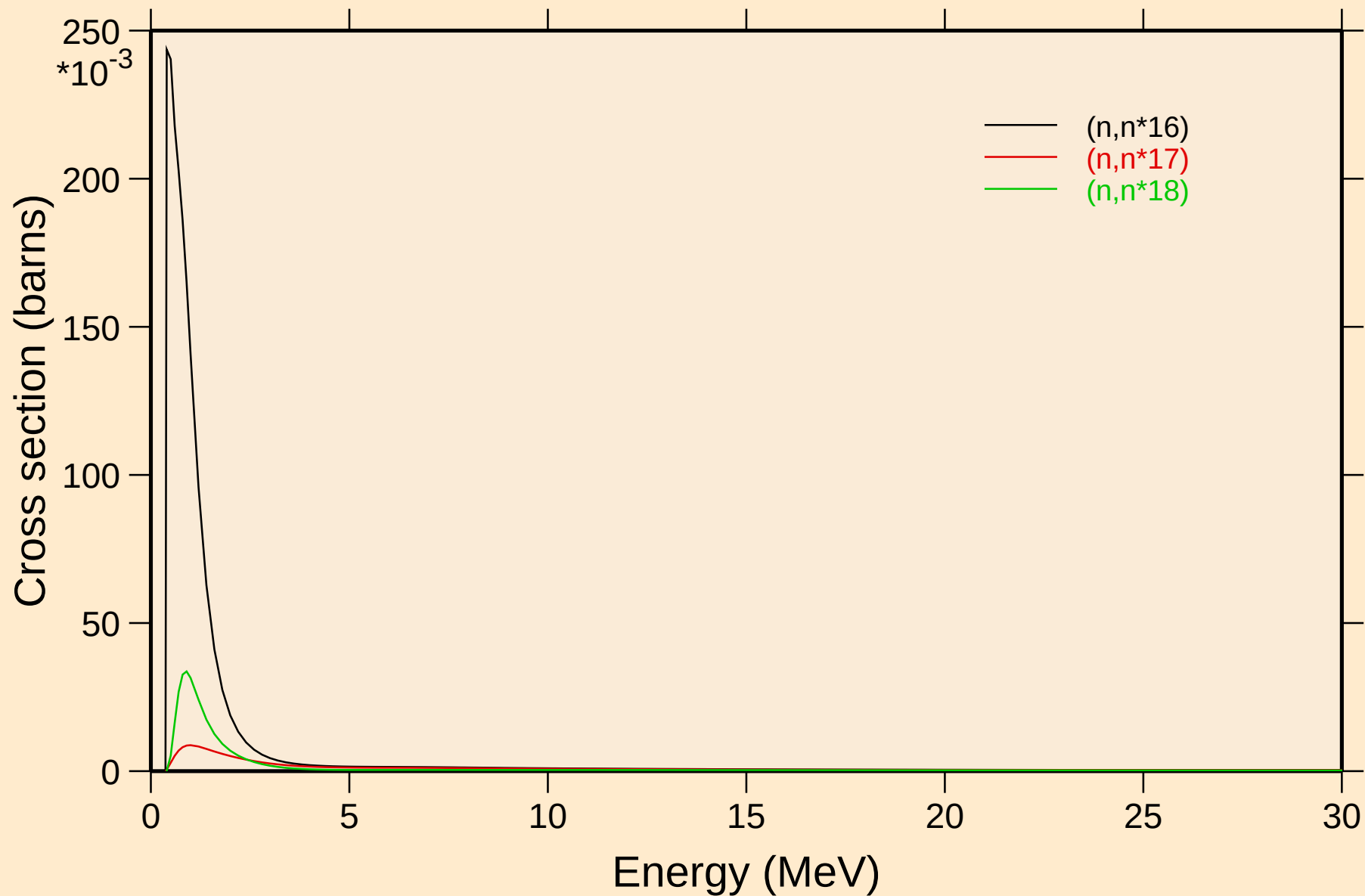


TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

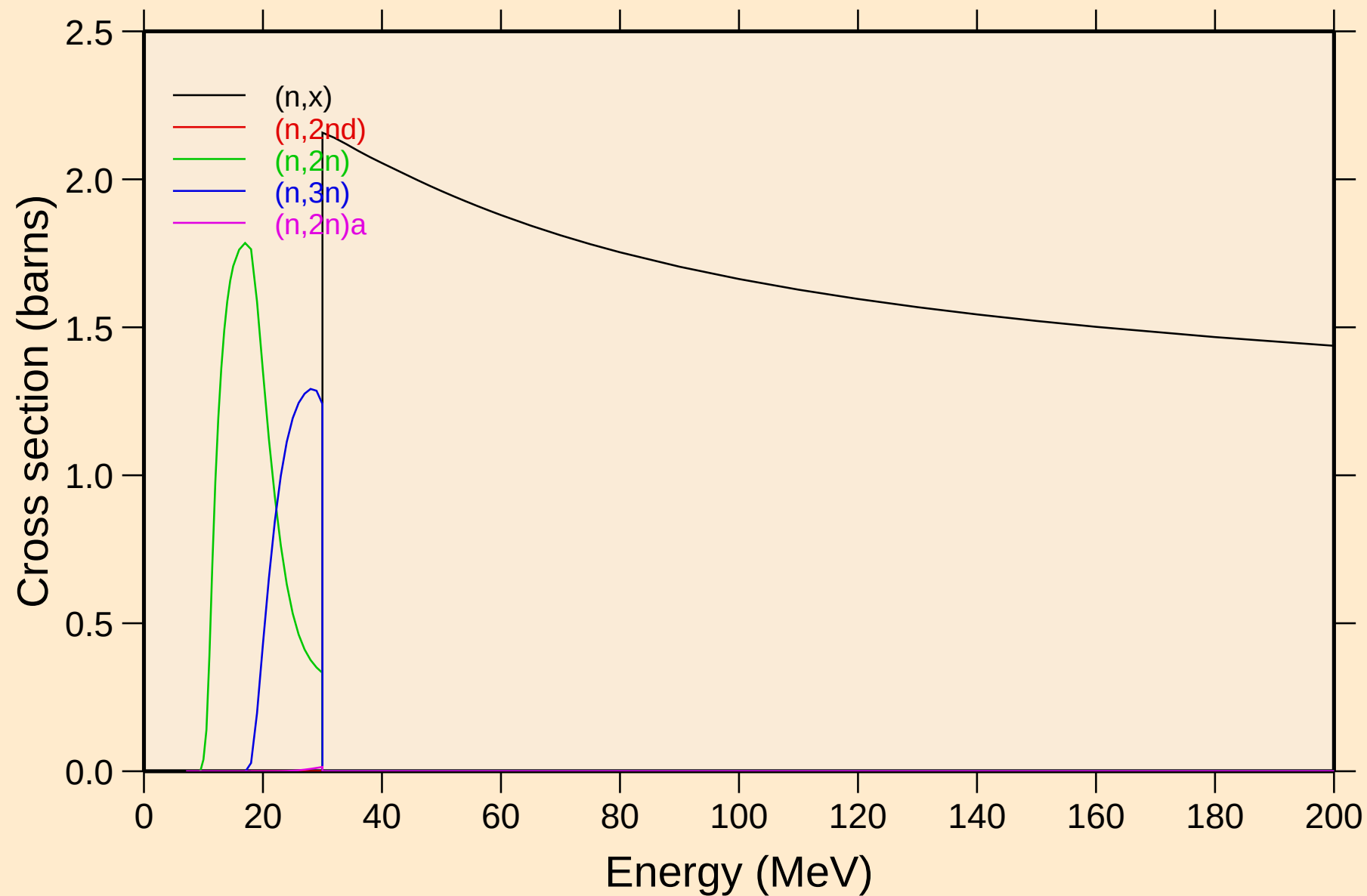
Inelastic levels



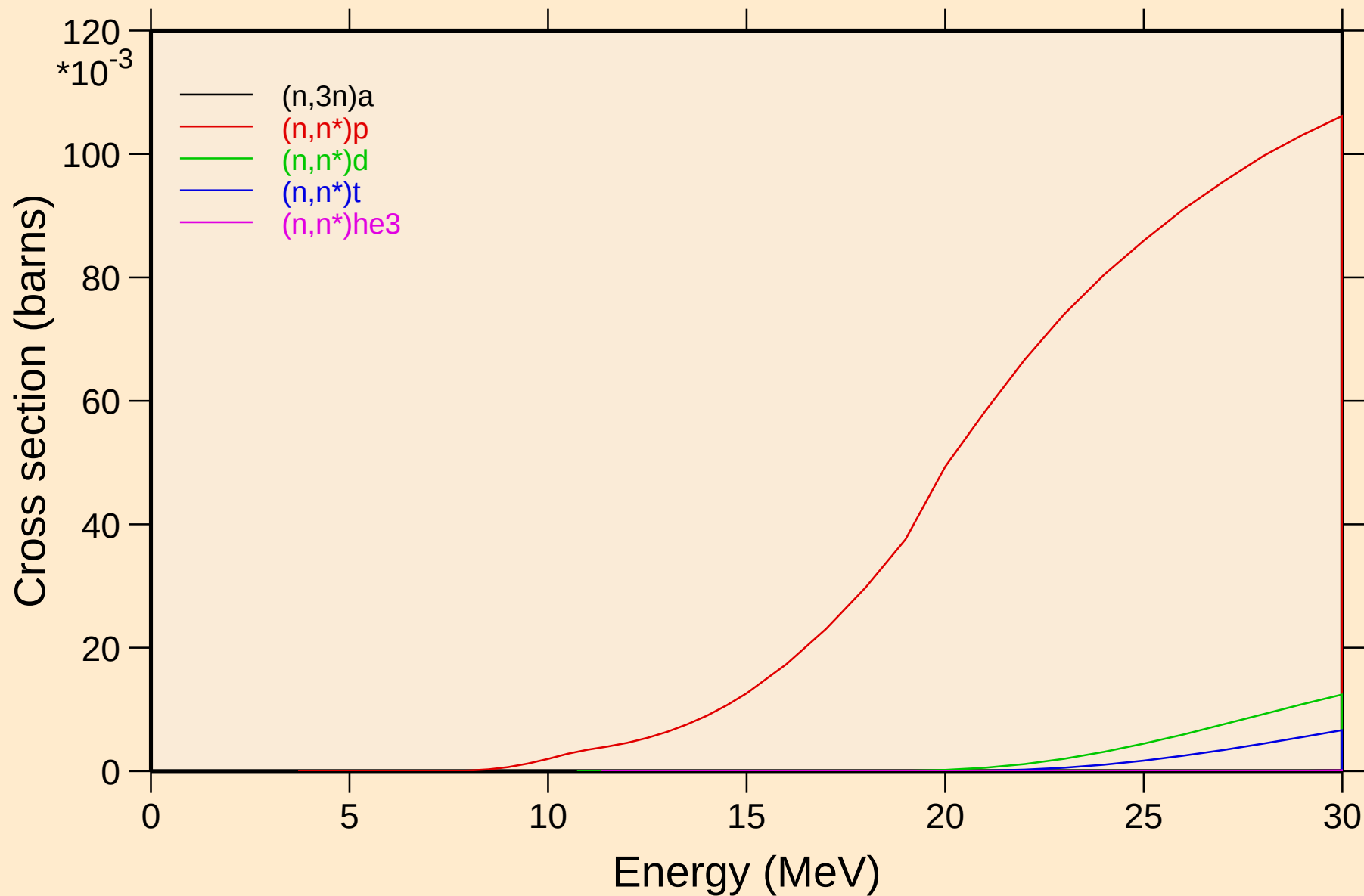
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Inelastic levels



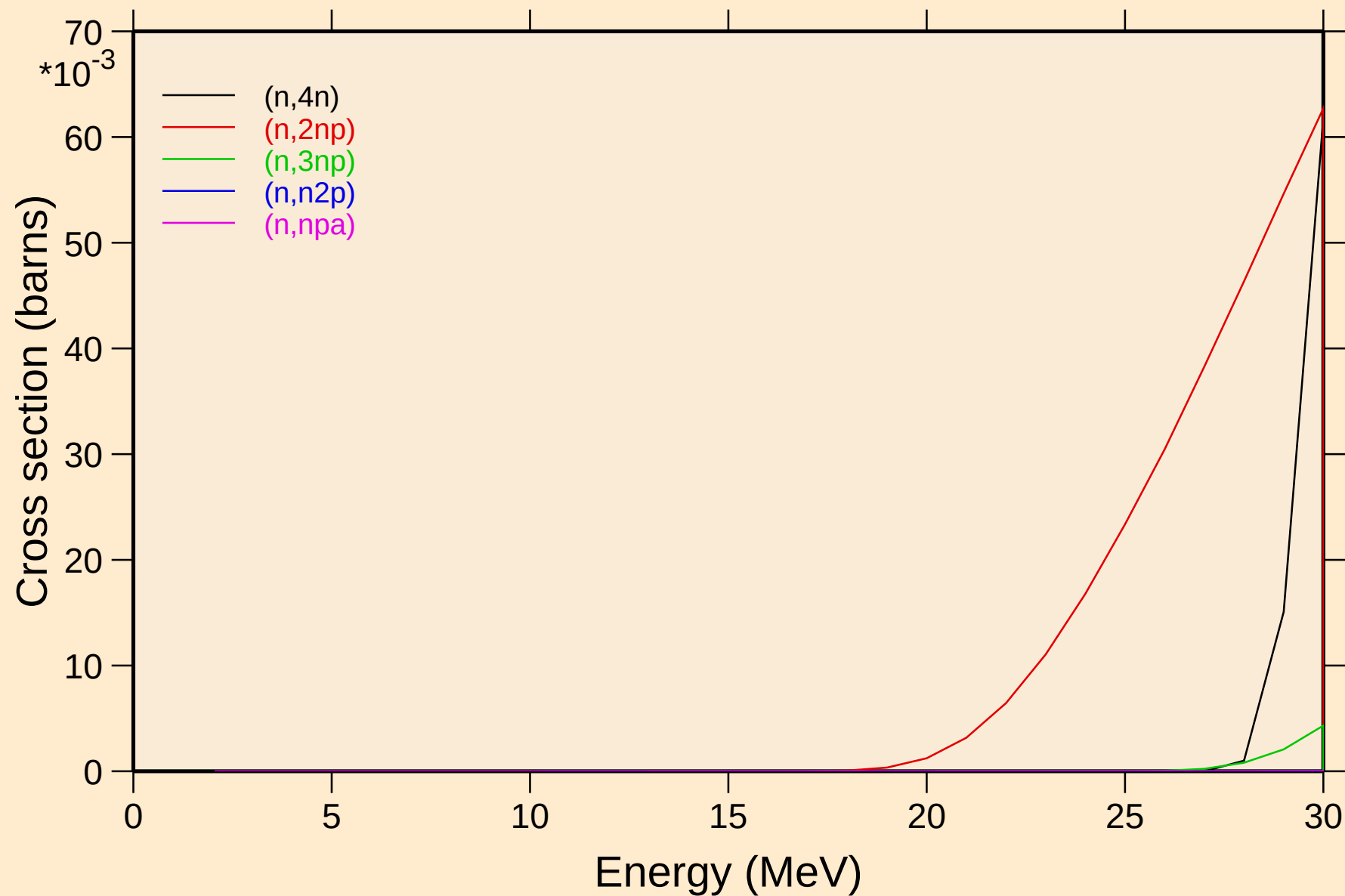
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



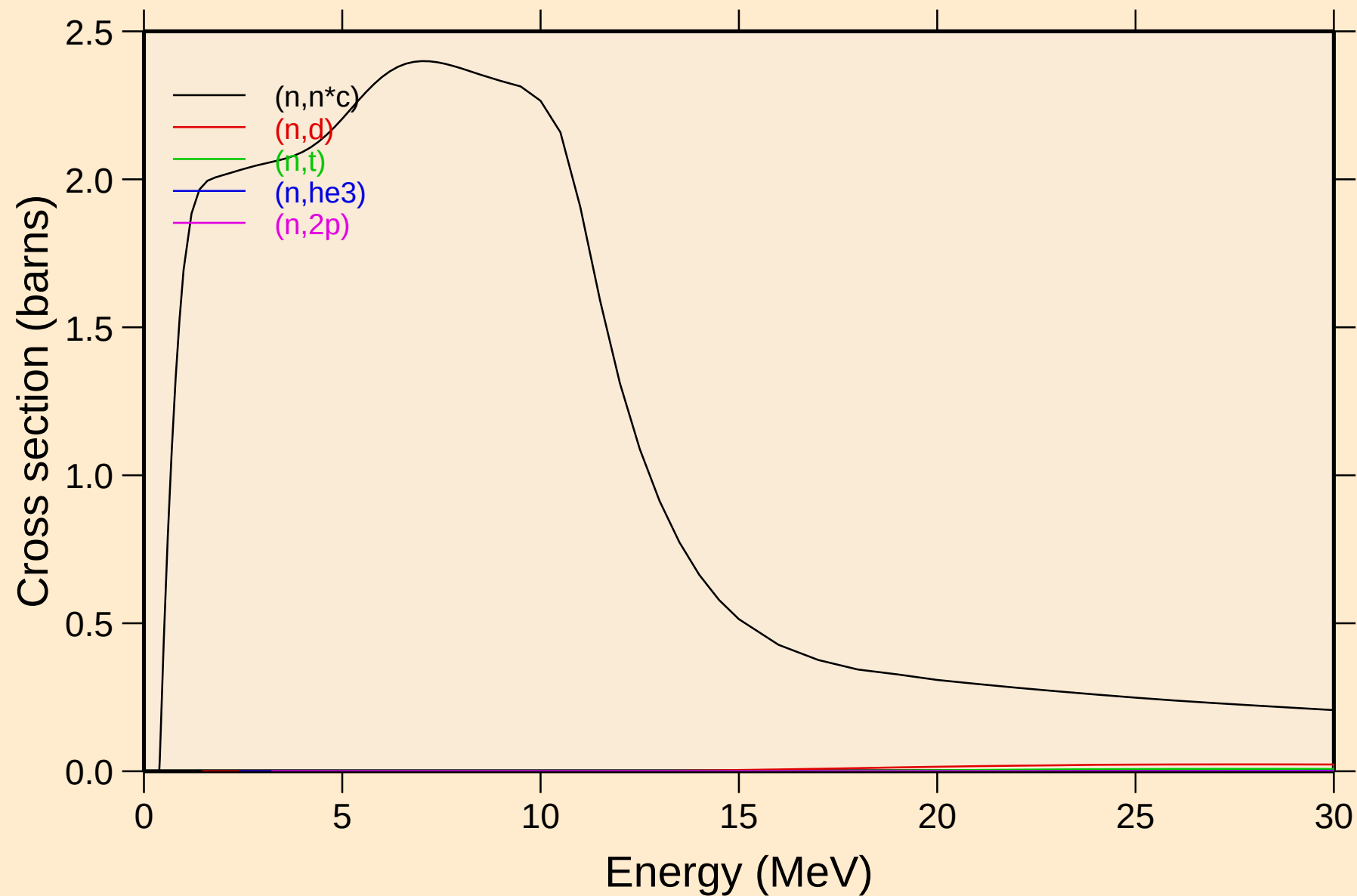
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



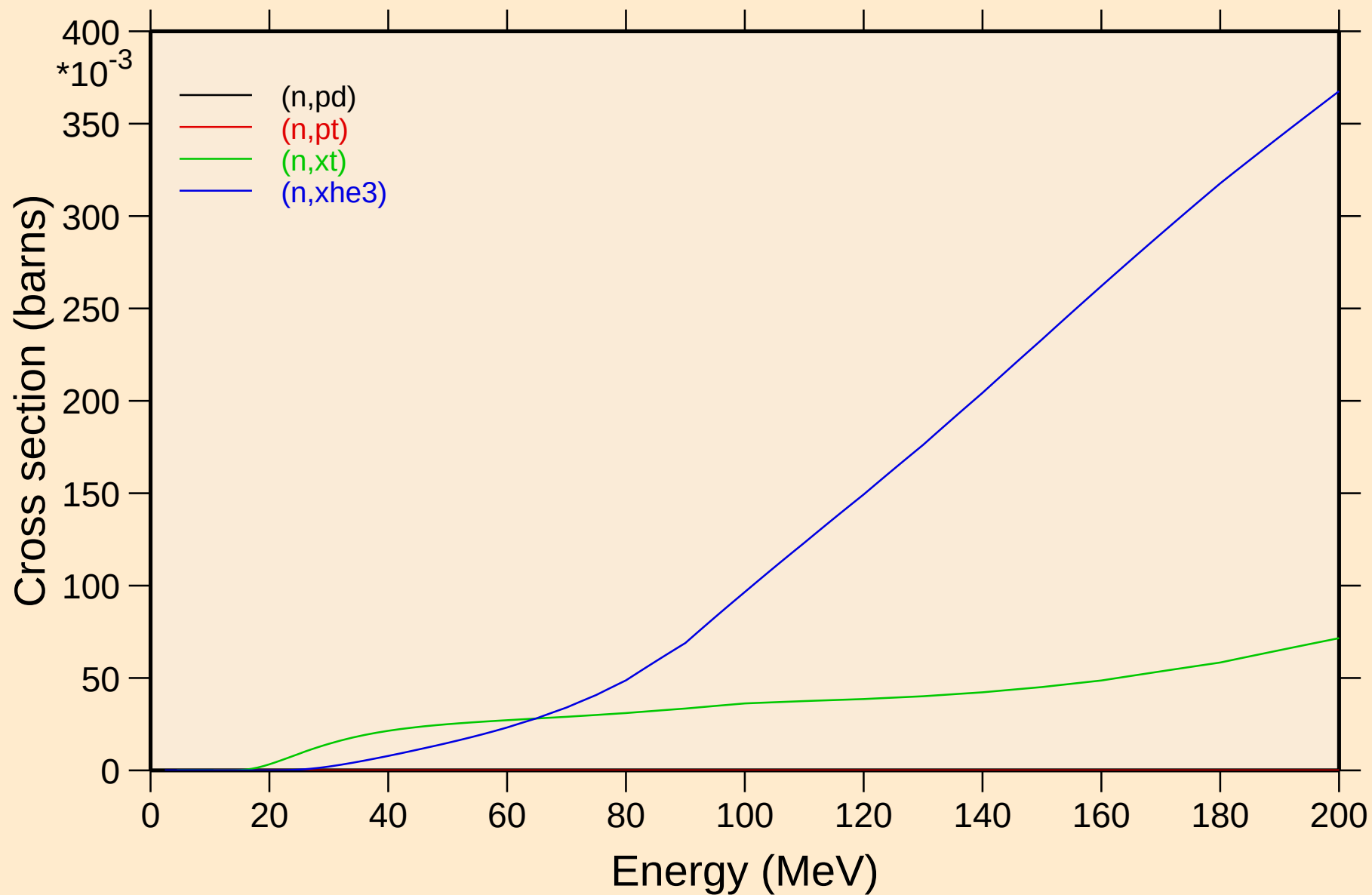
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



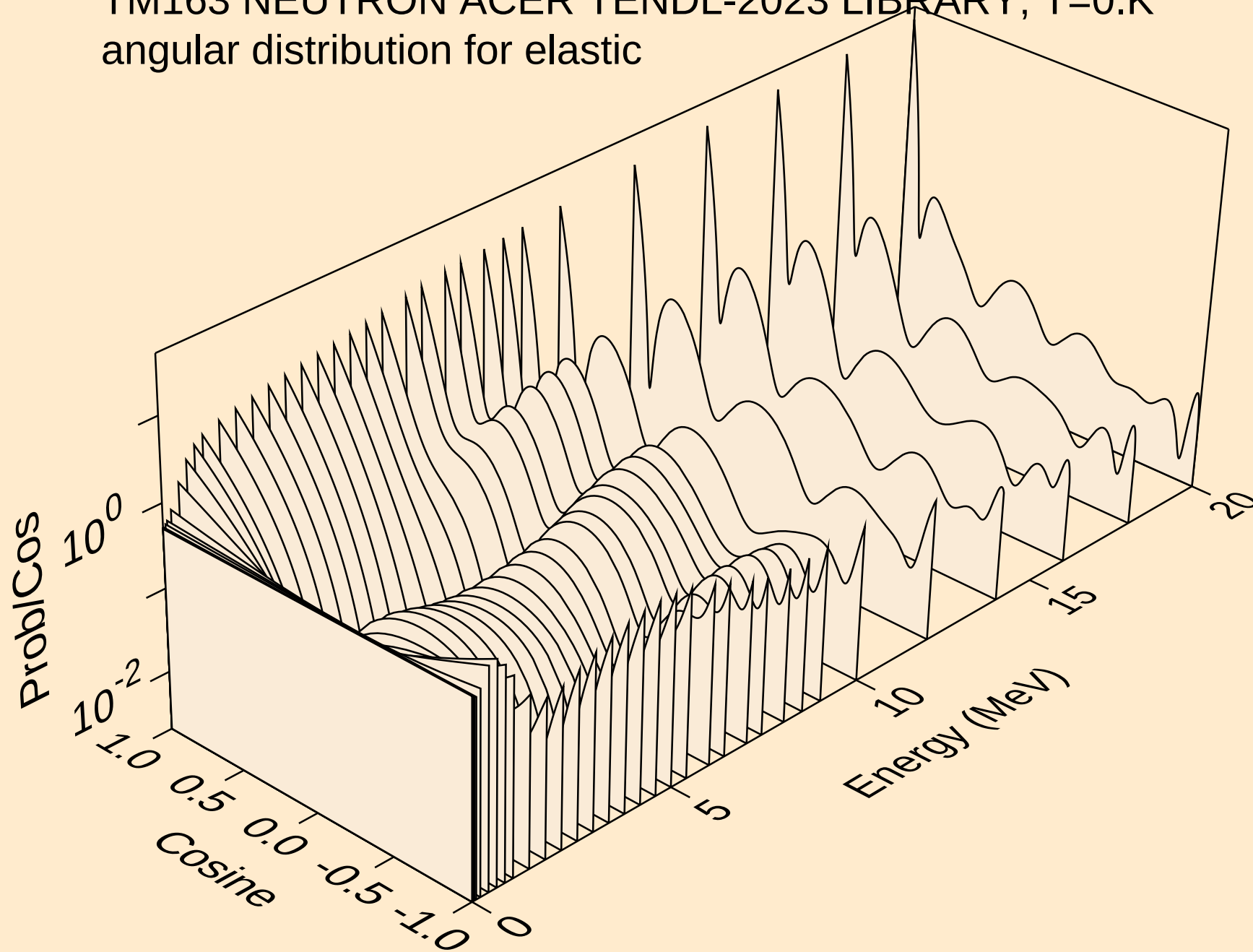
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



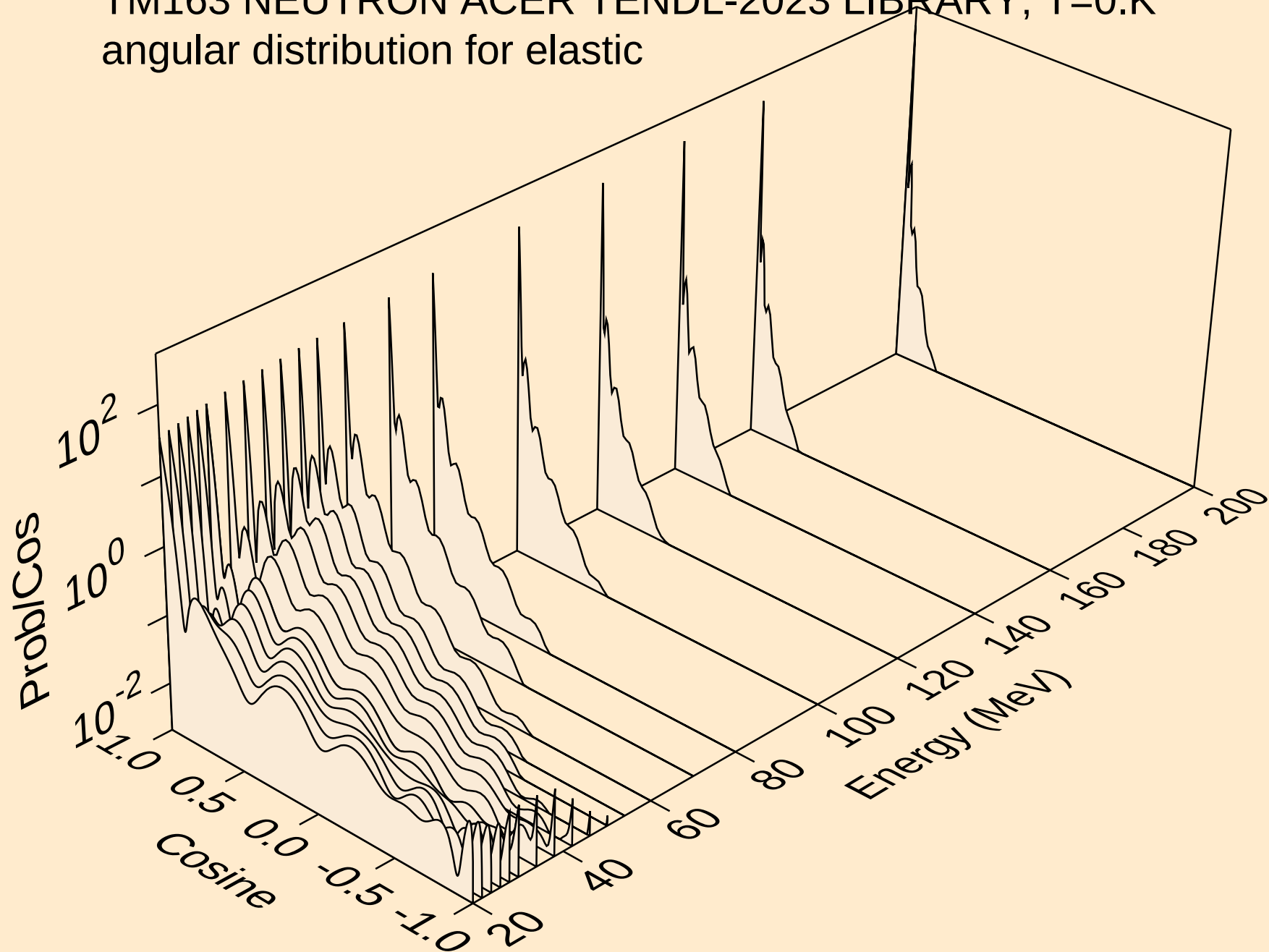
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



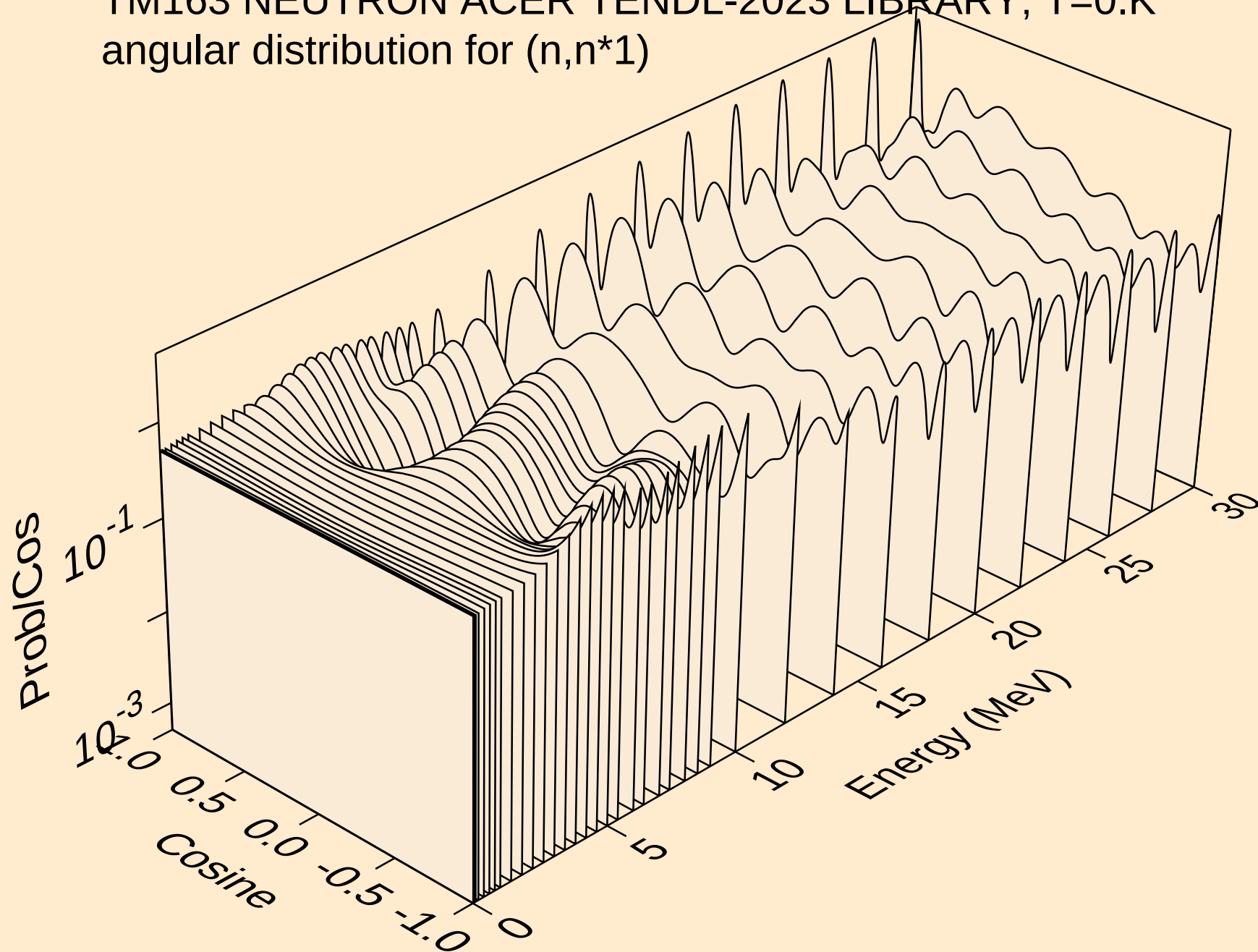
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



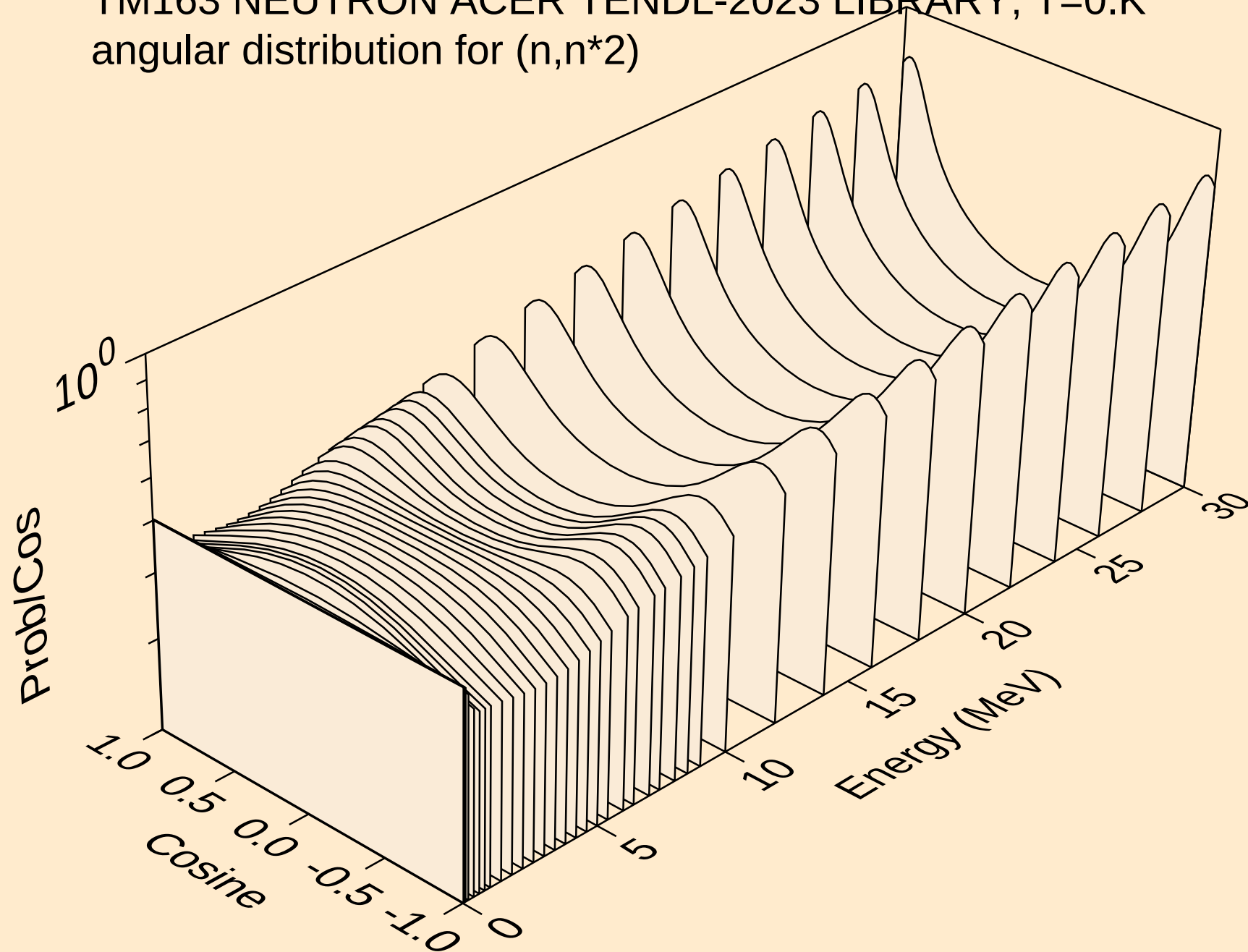
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



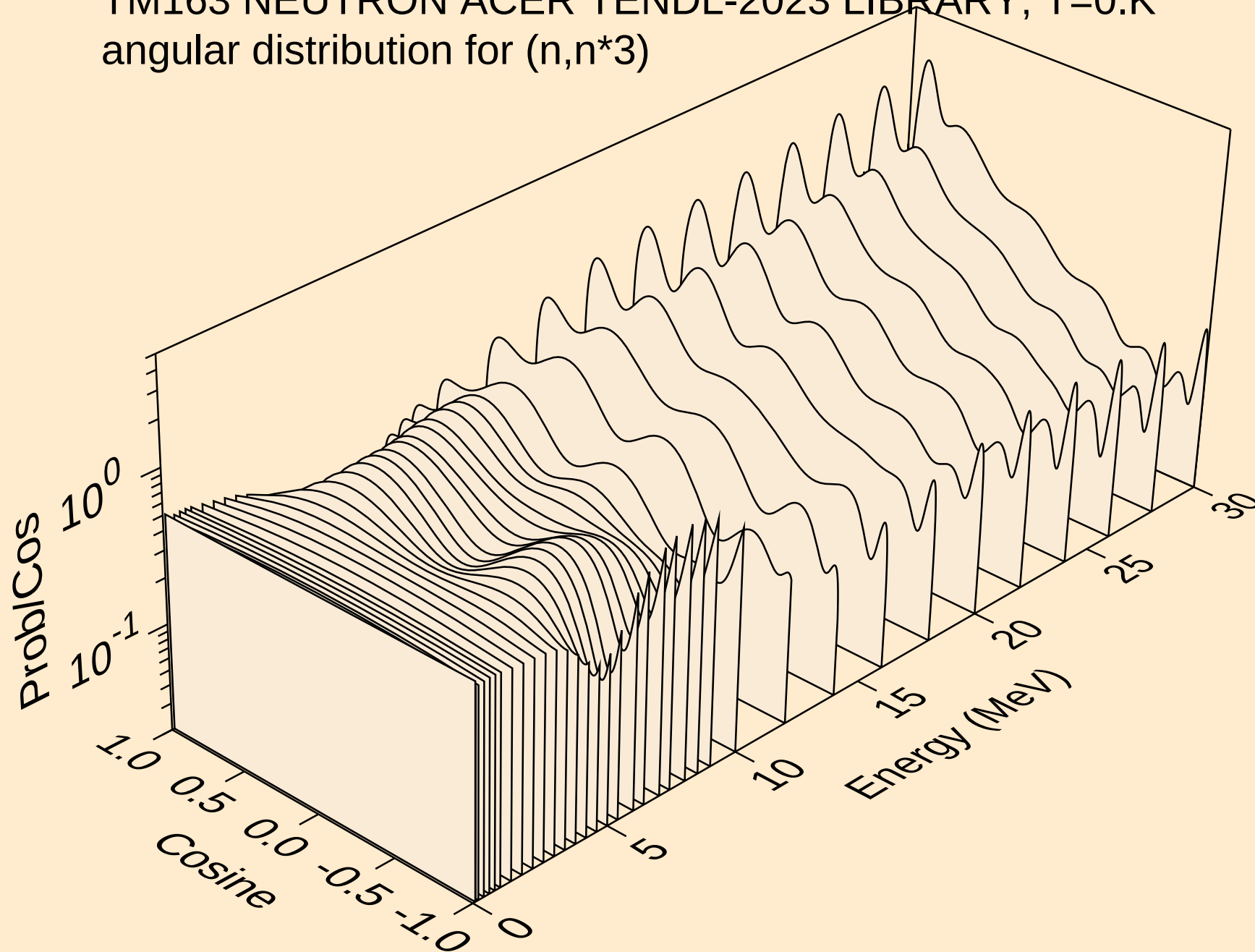
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*1)



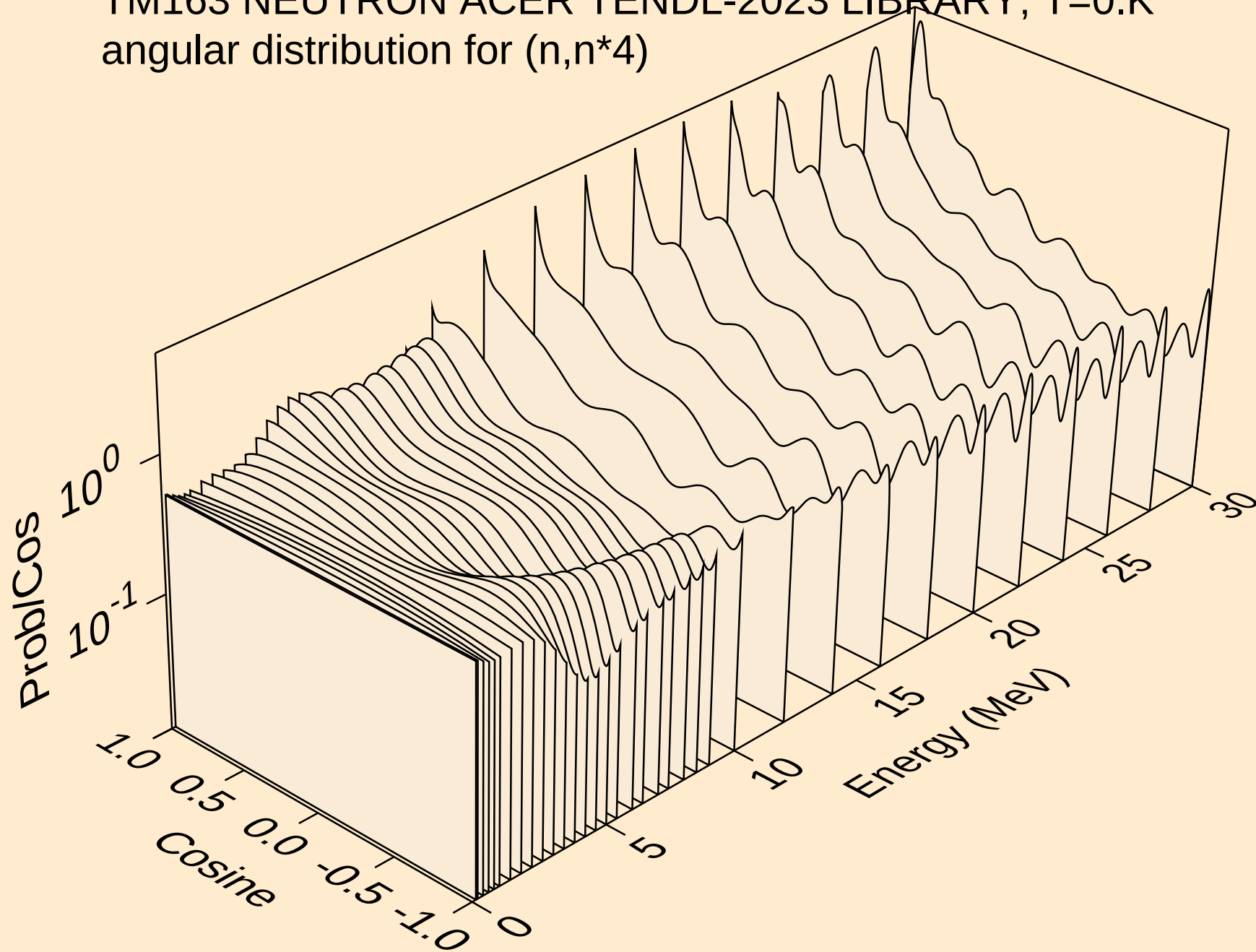
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*2)



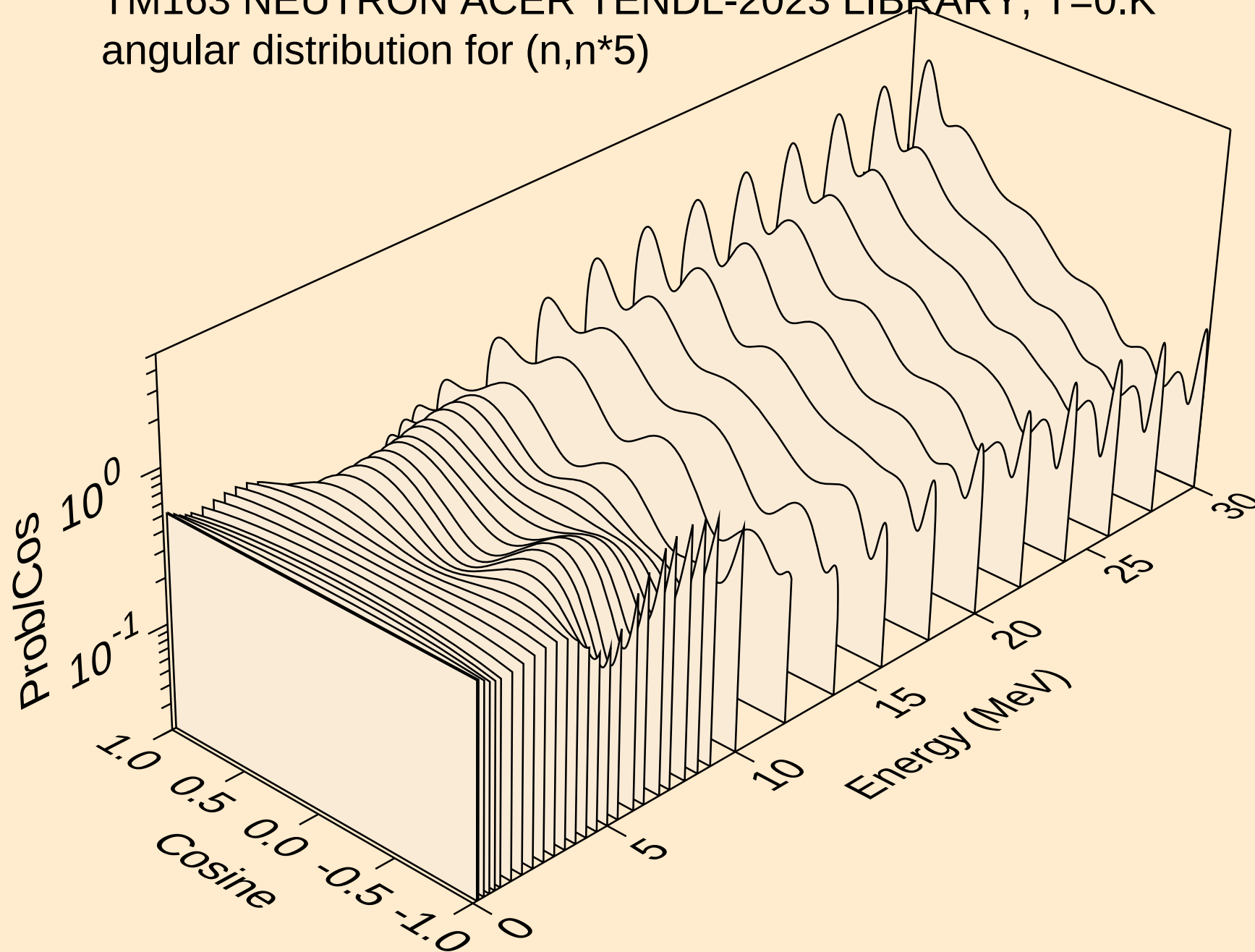
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*3)



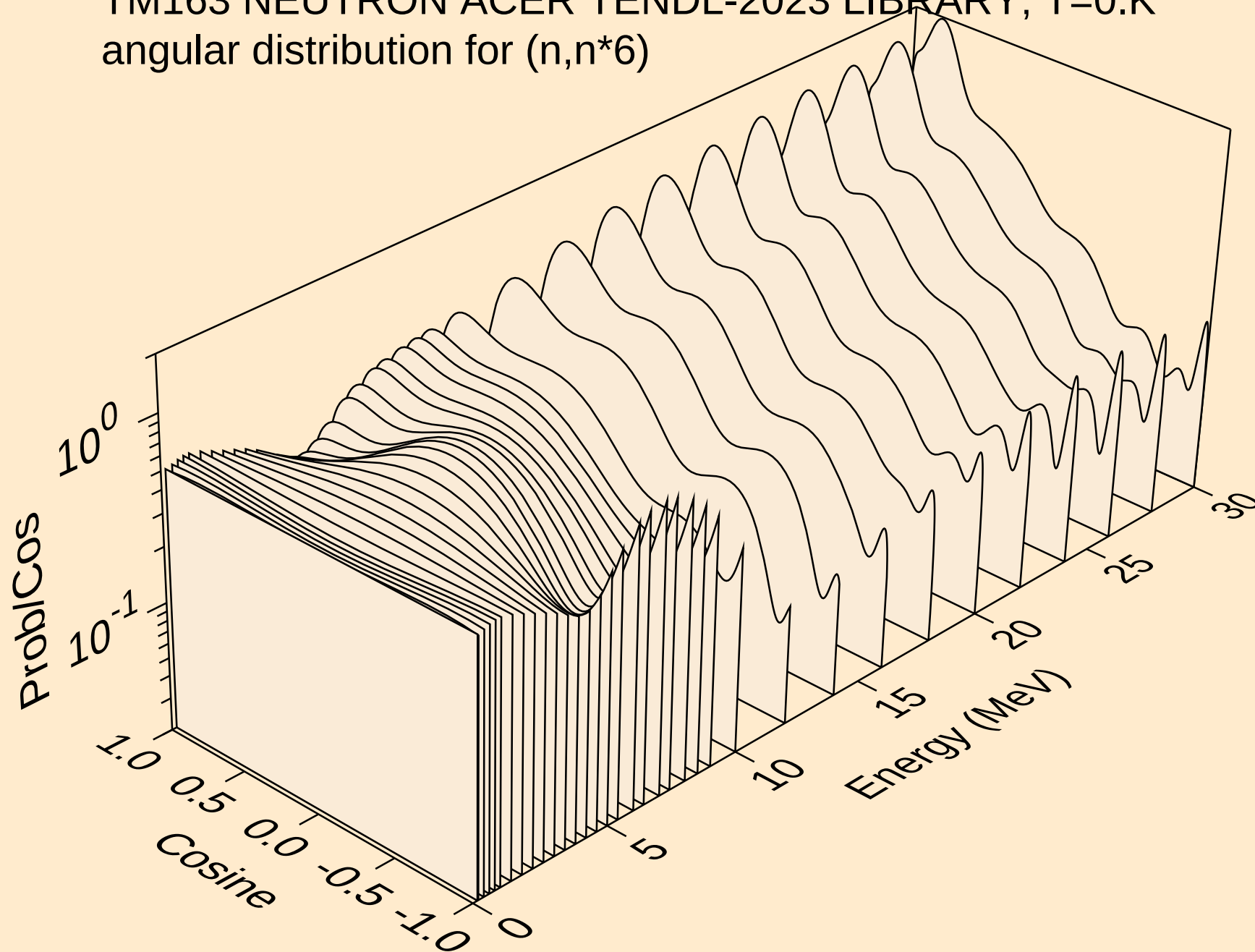
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*4)



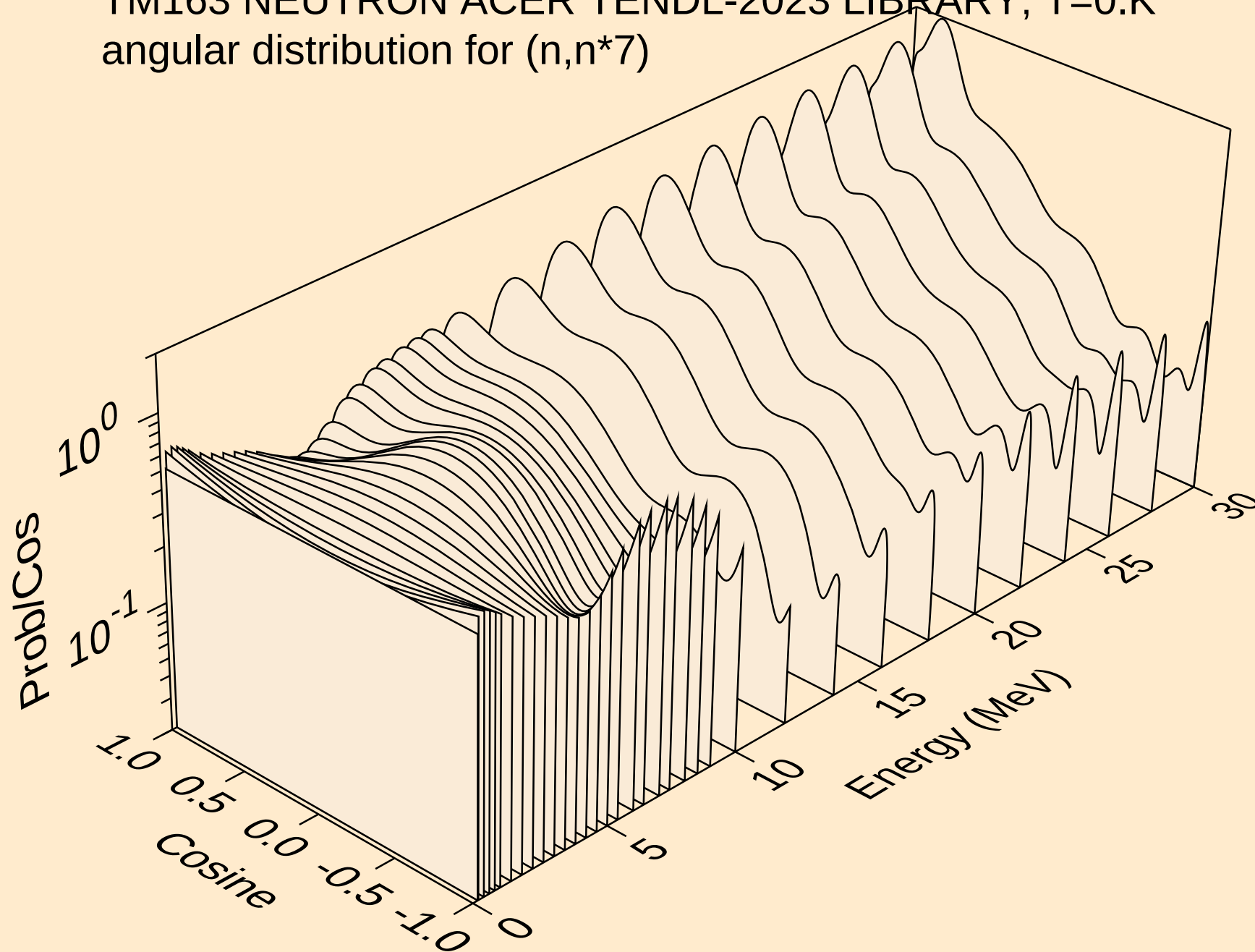
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*5)



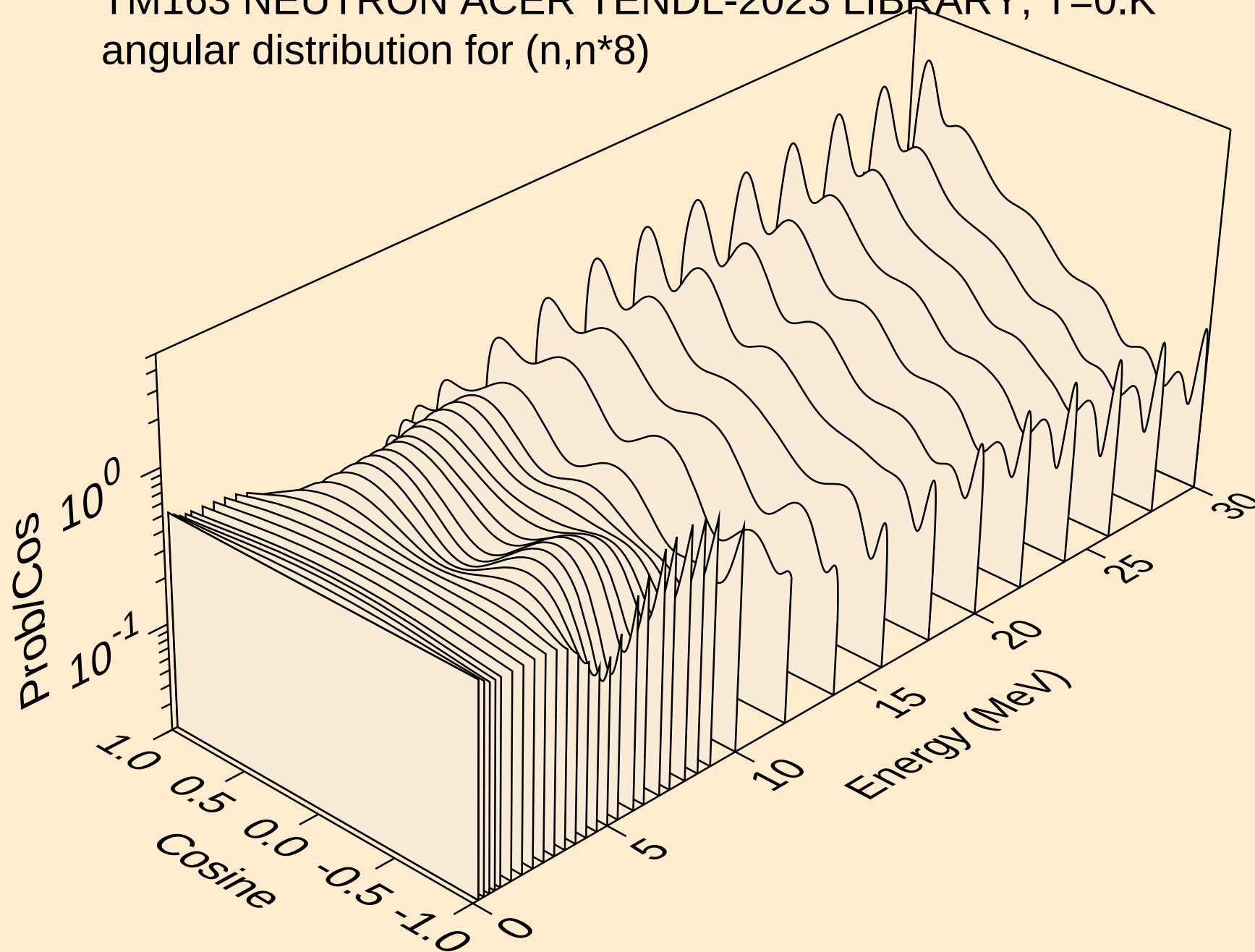
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*6)



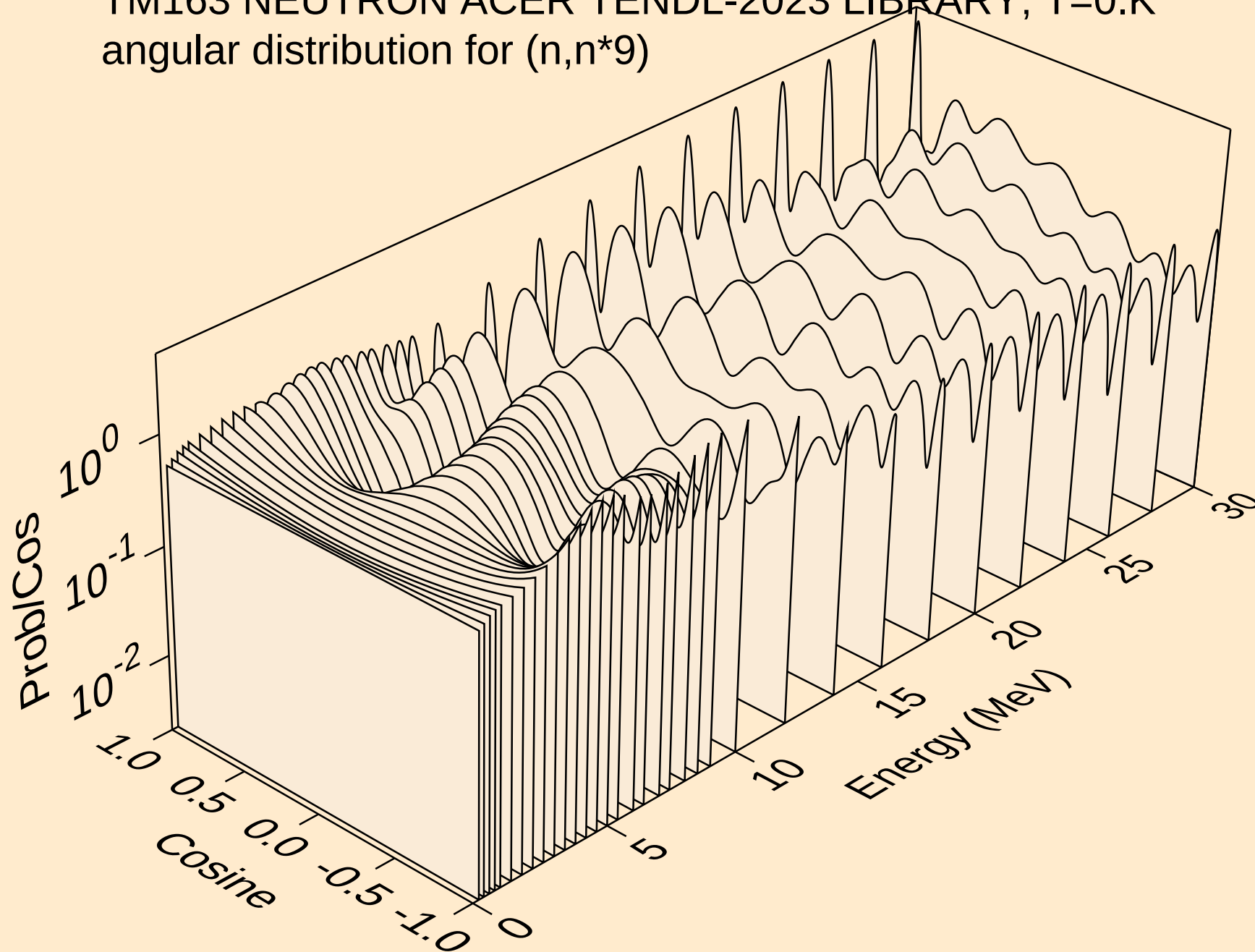
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*7)



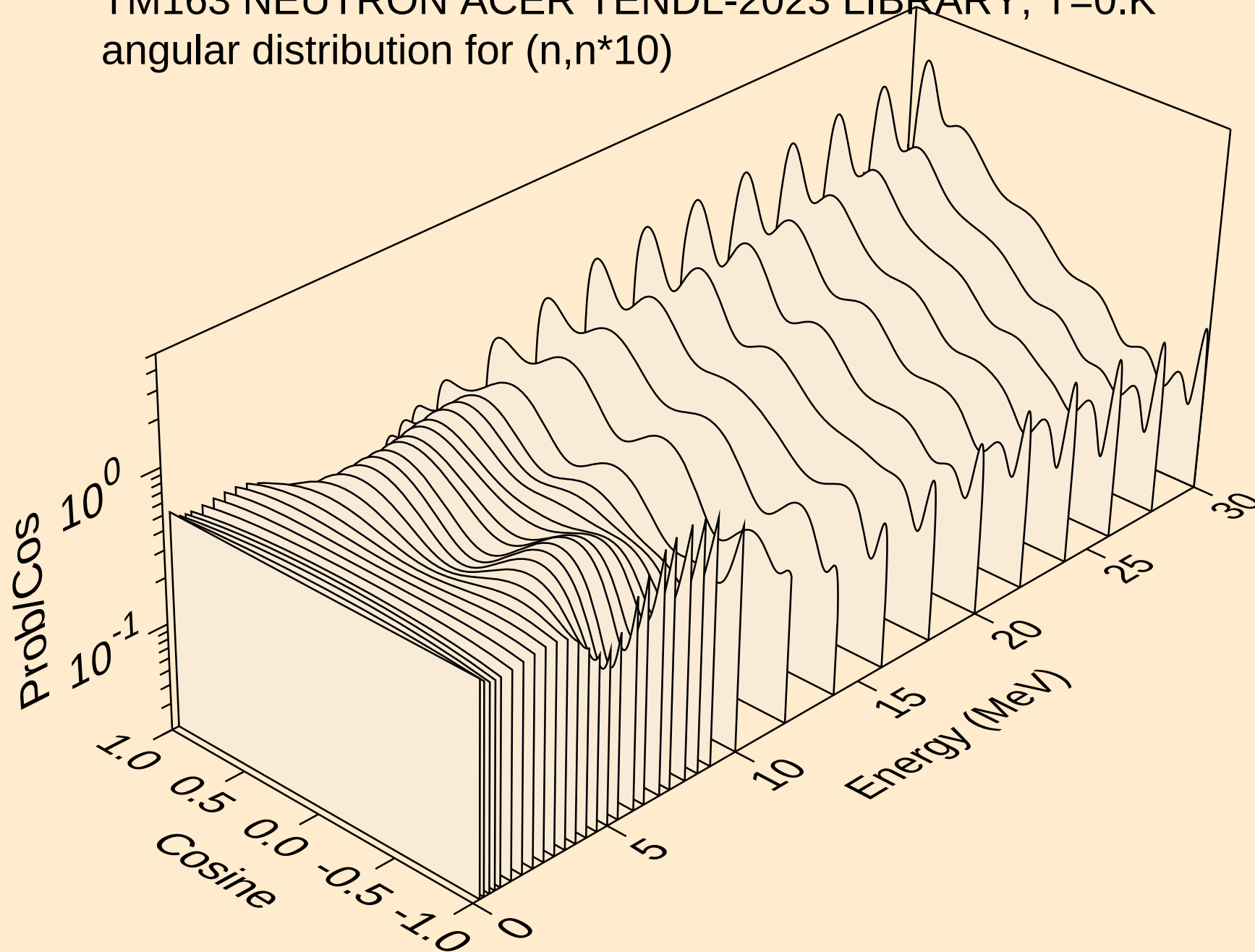
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*8)



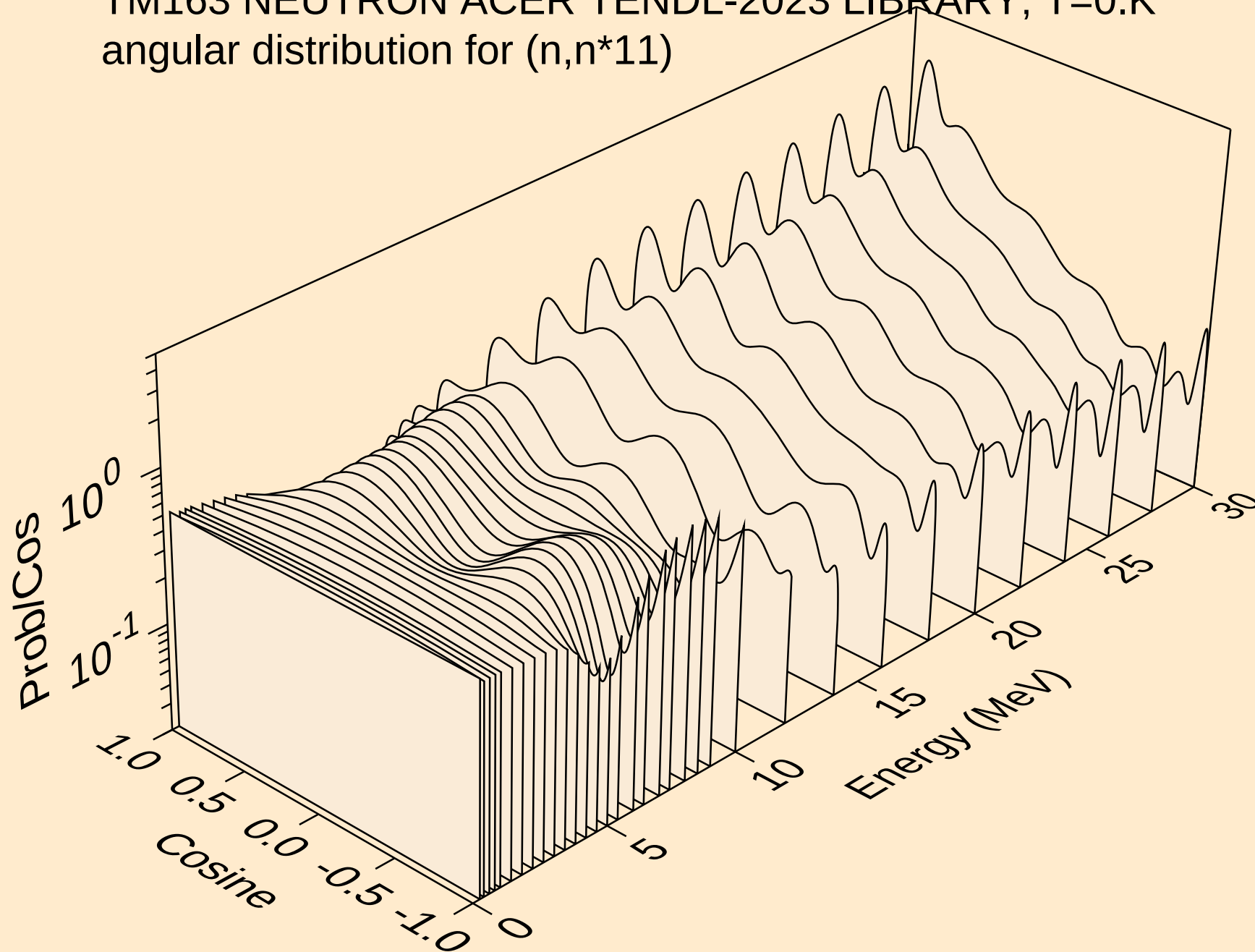
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*9)



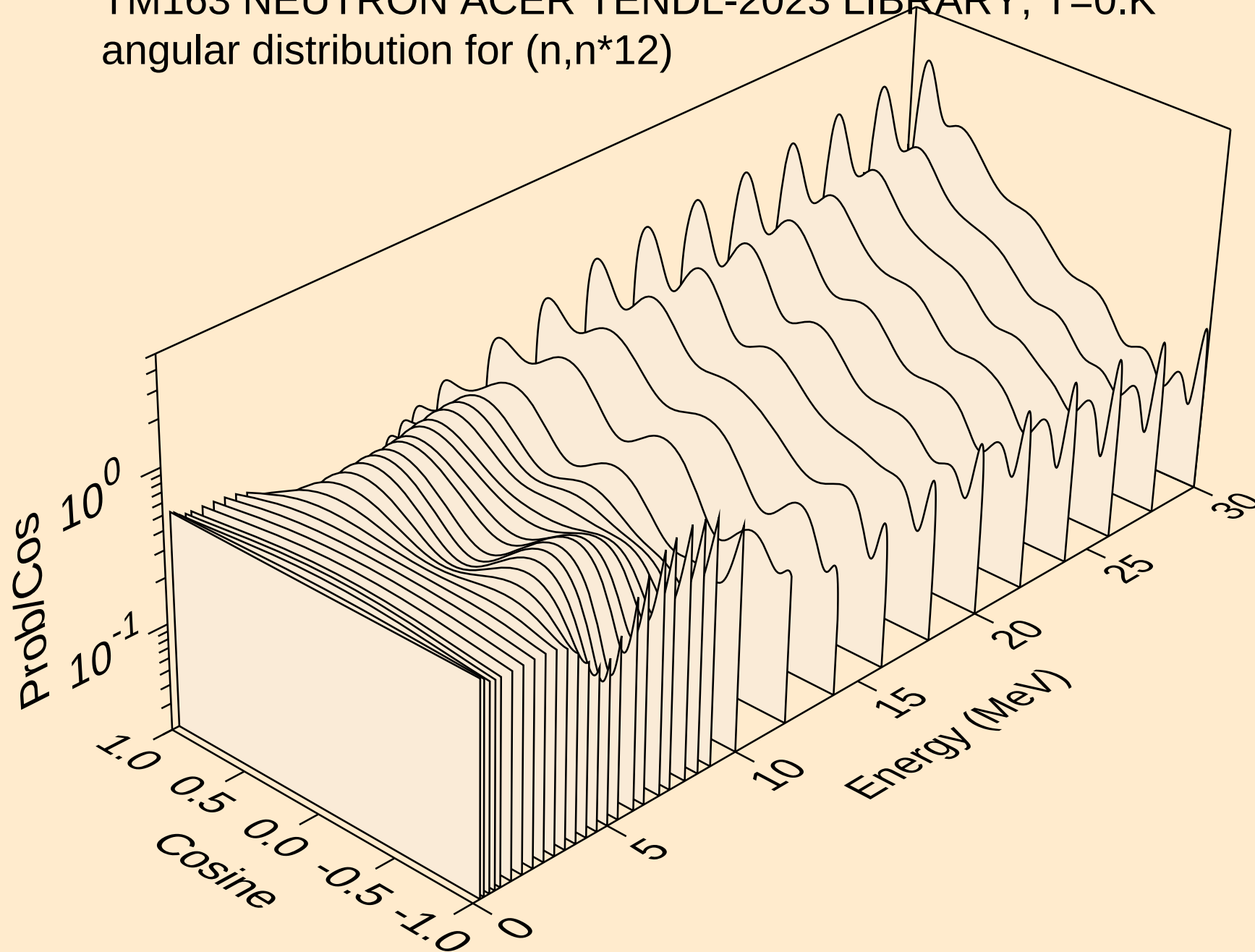
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*10)



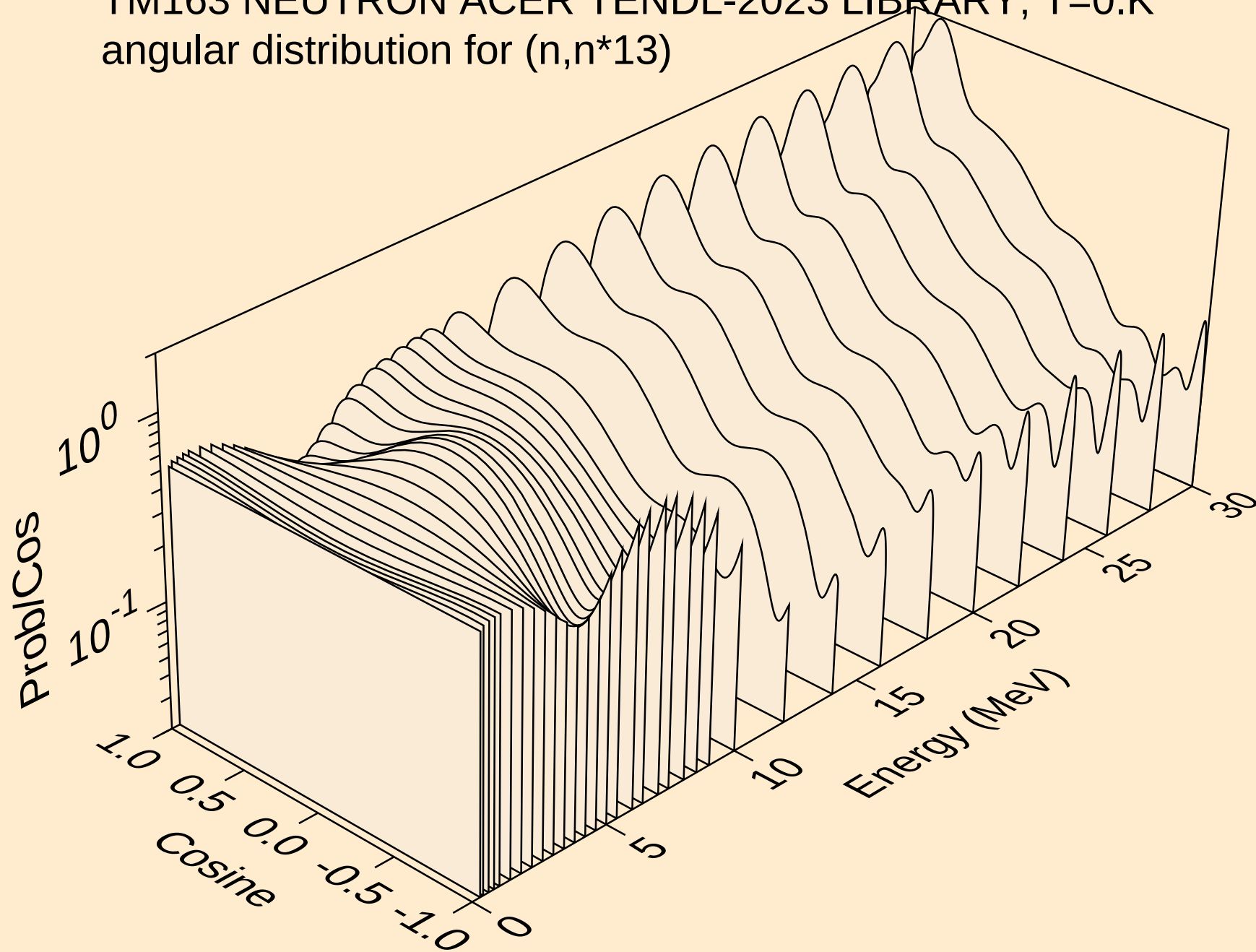
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*11)



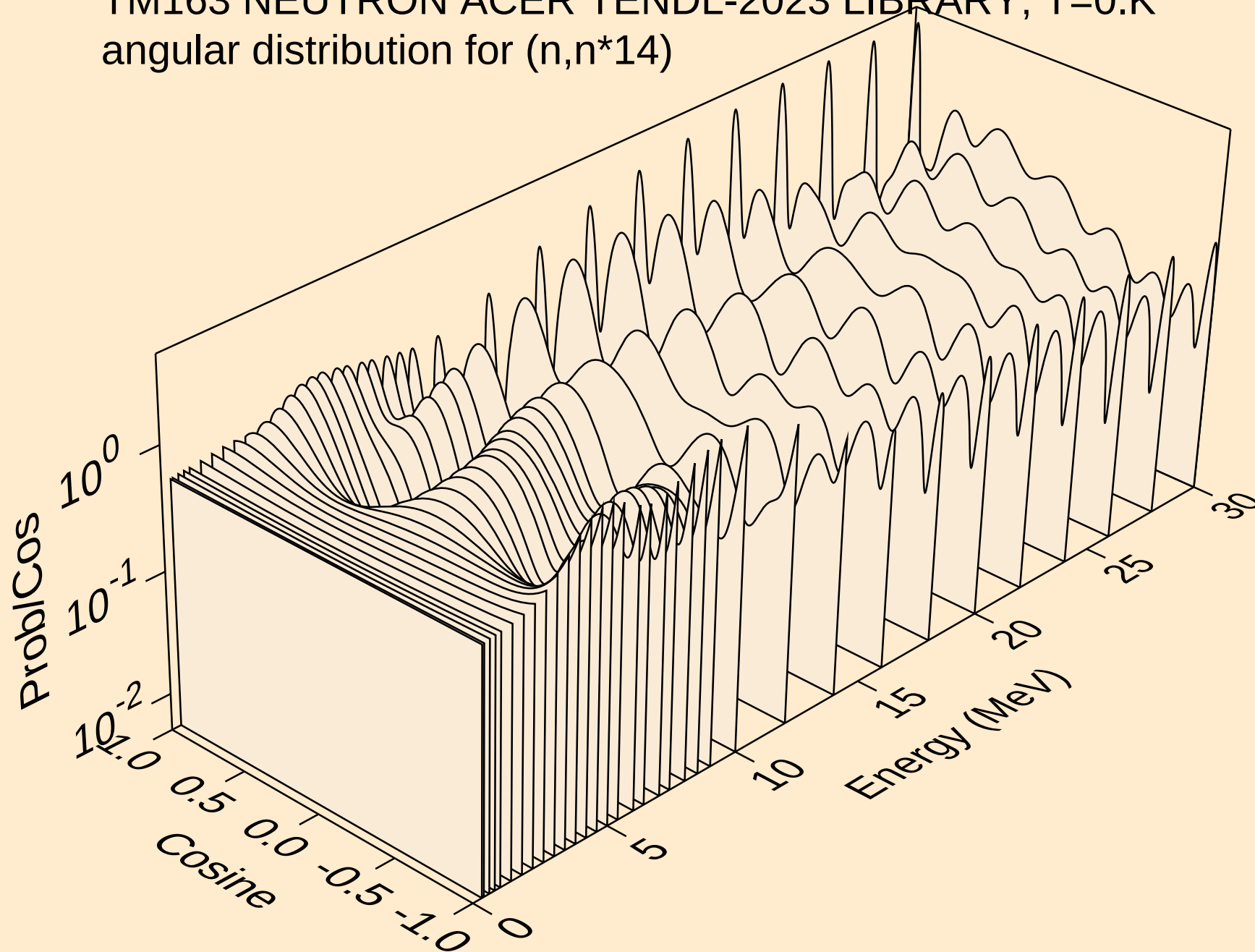
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*12)



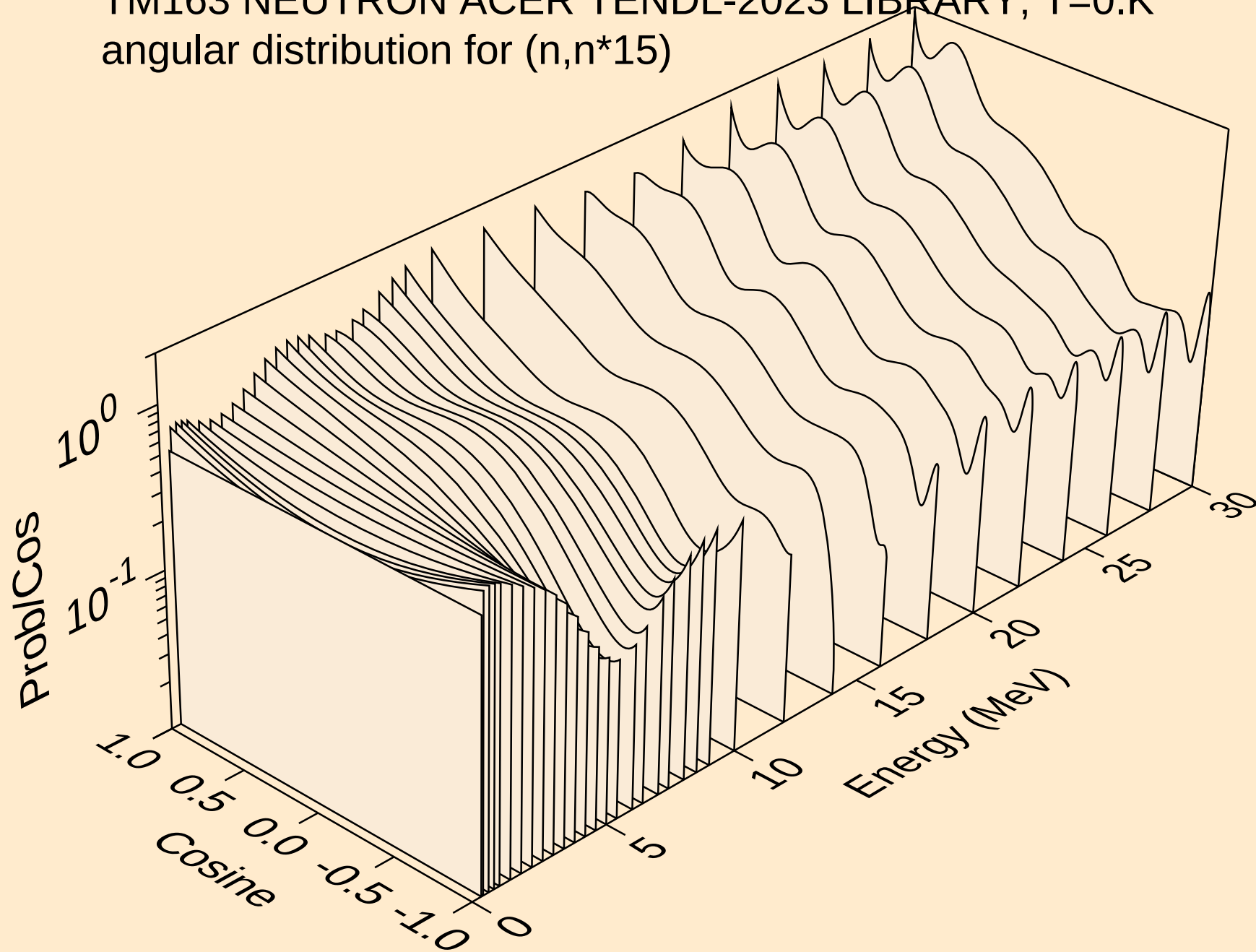
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*13)



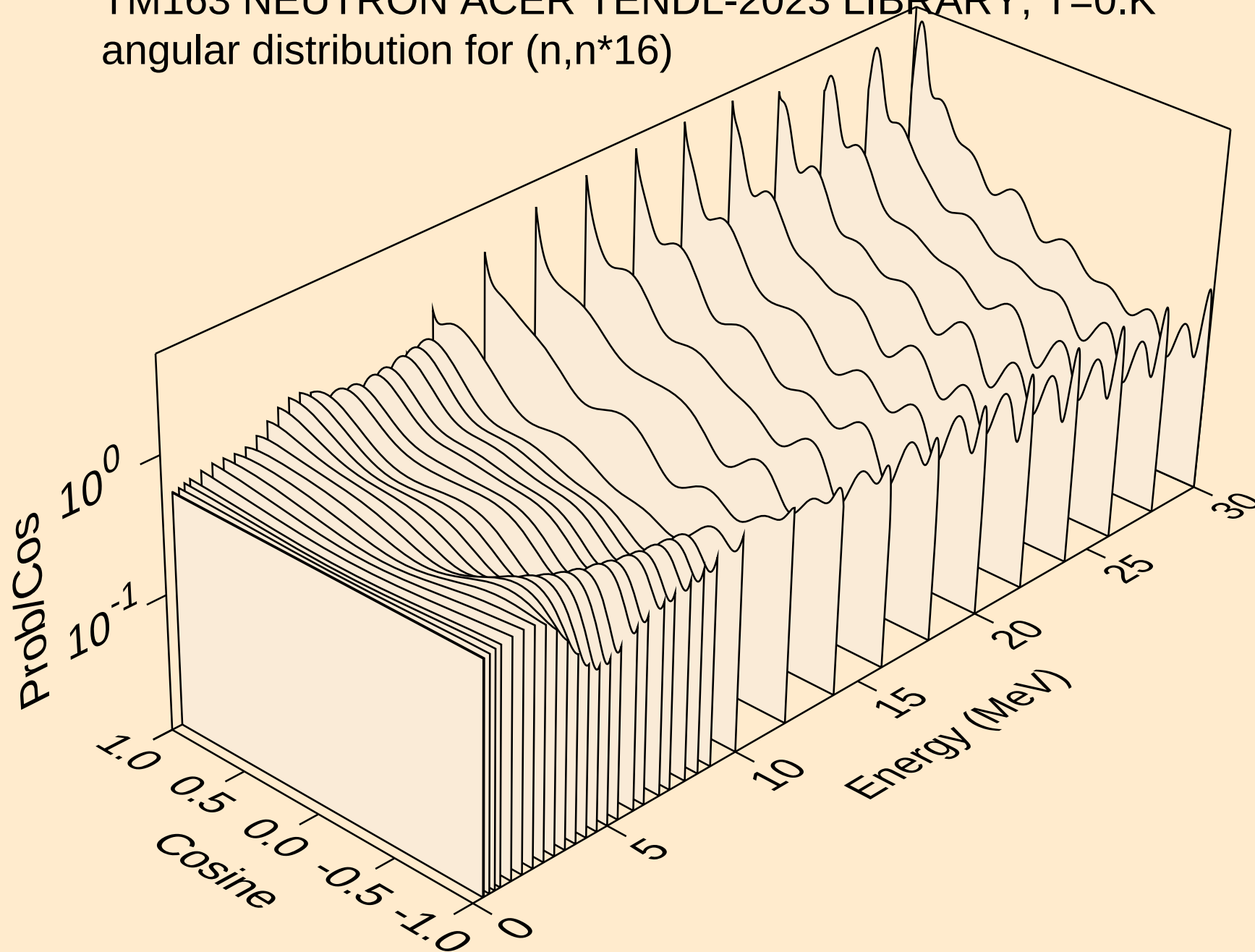
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*14)



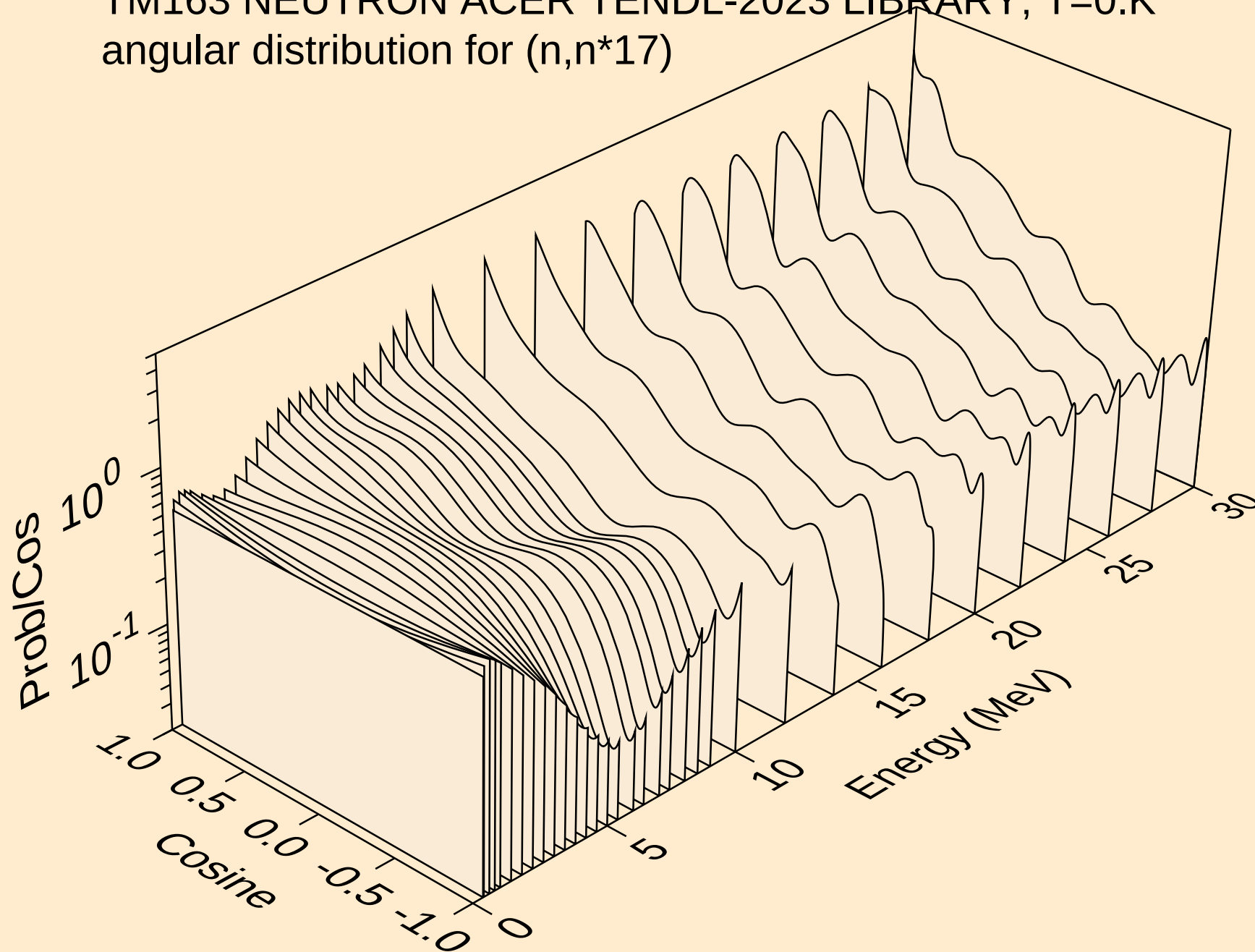
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*15)



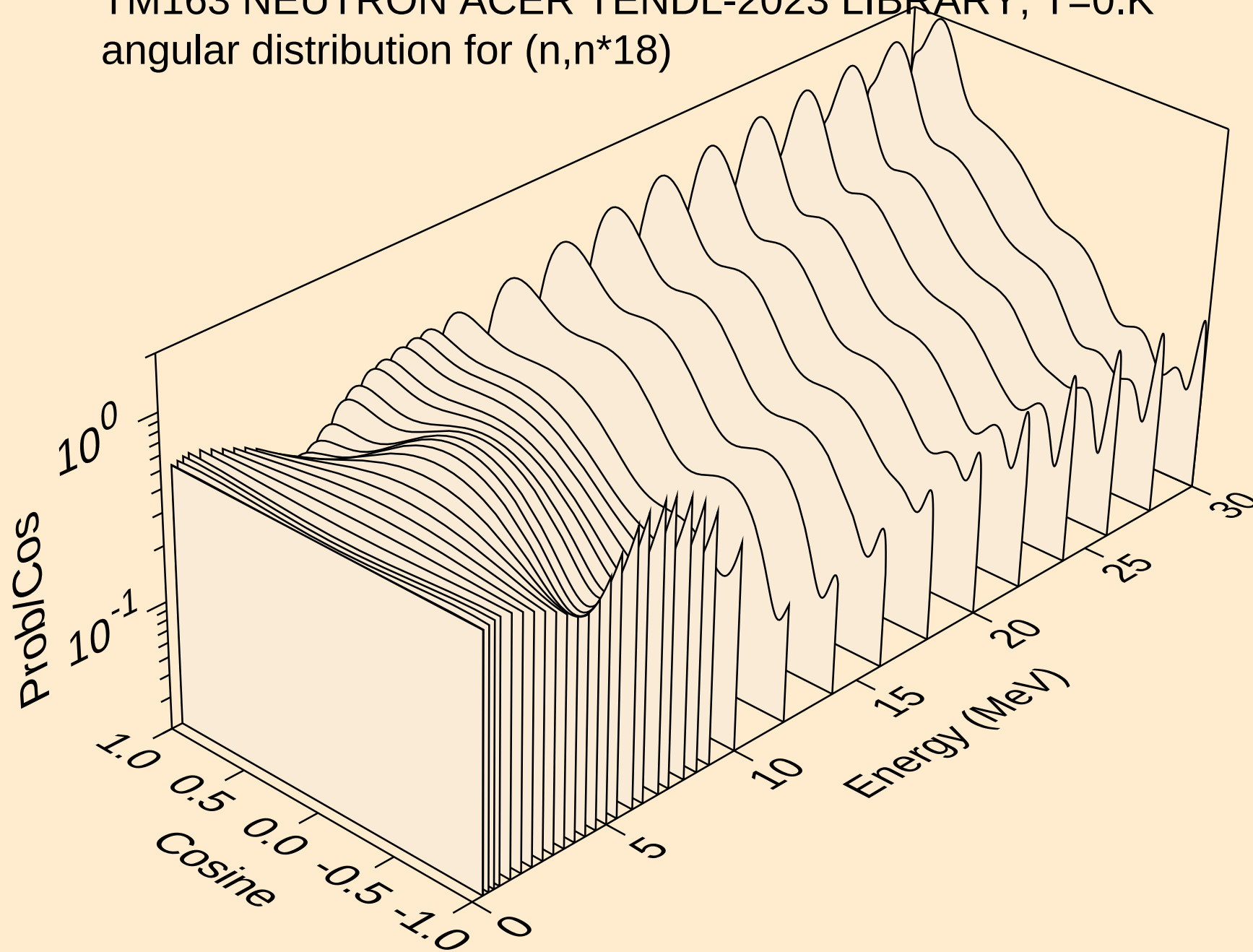
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*16)



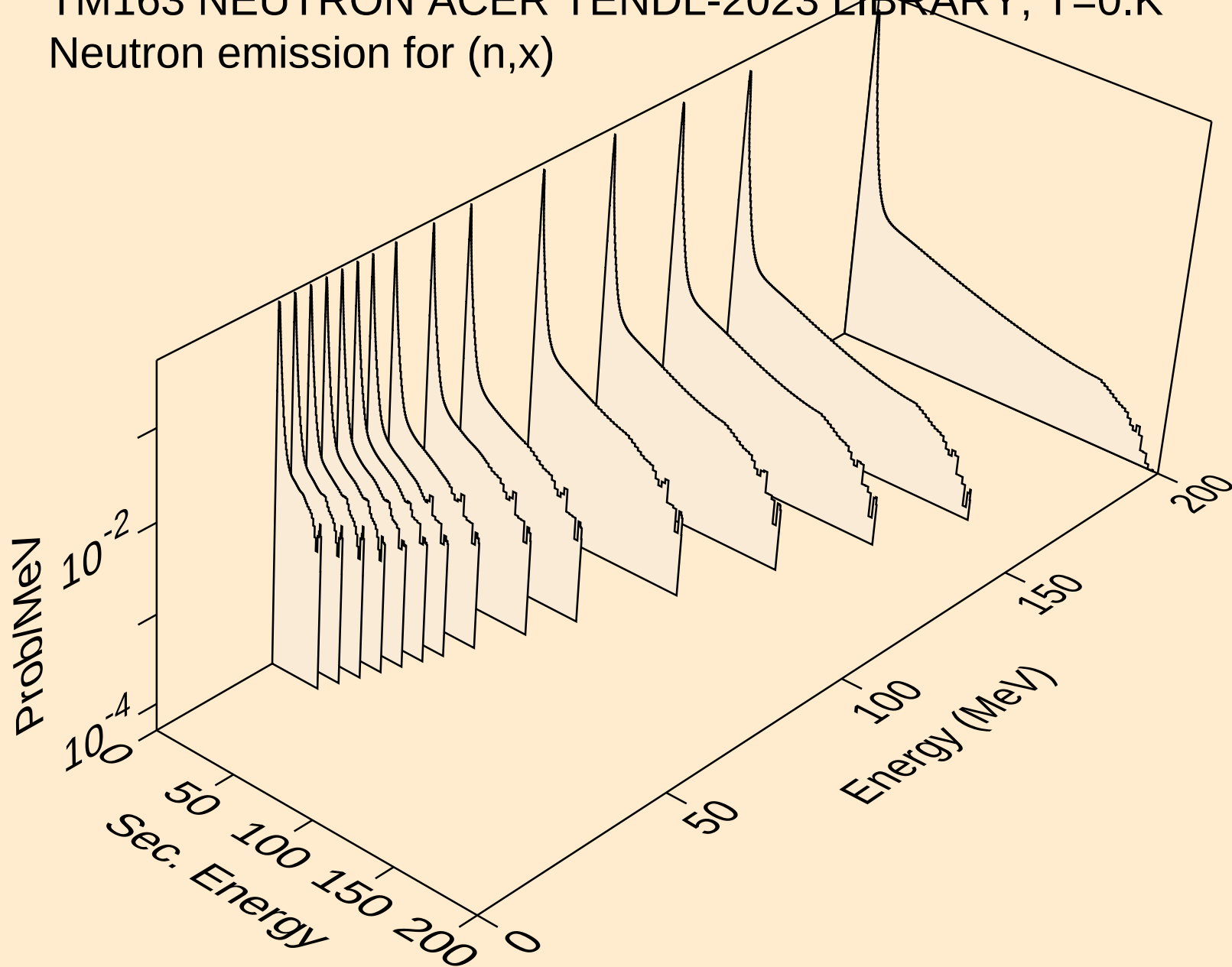
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*17)



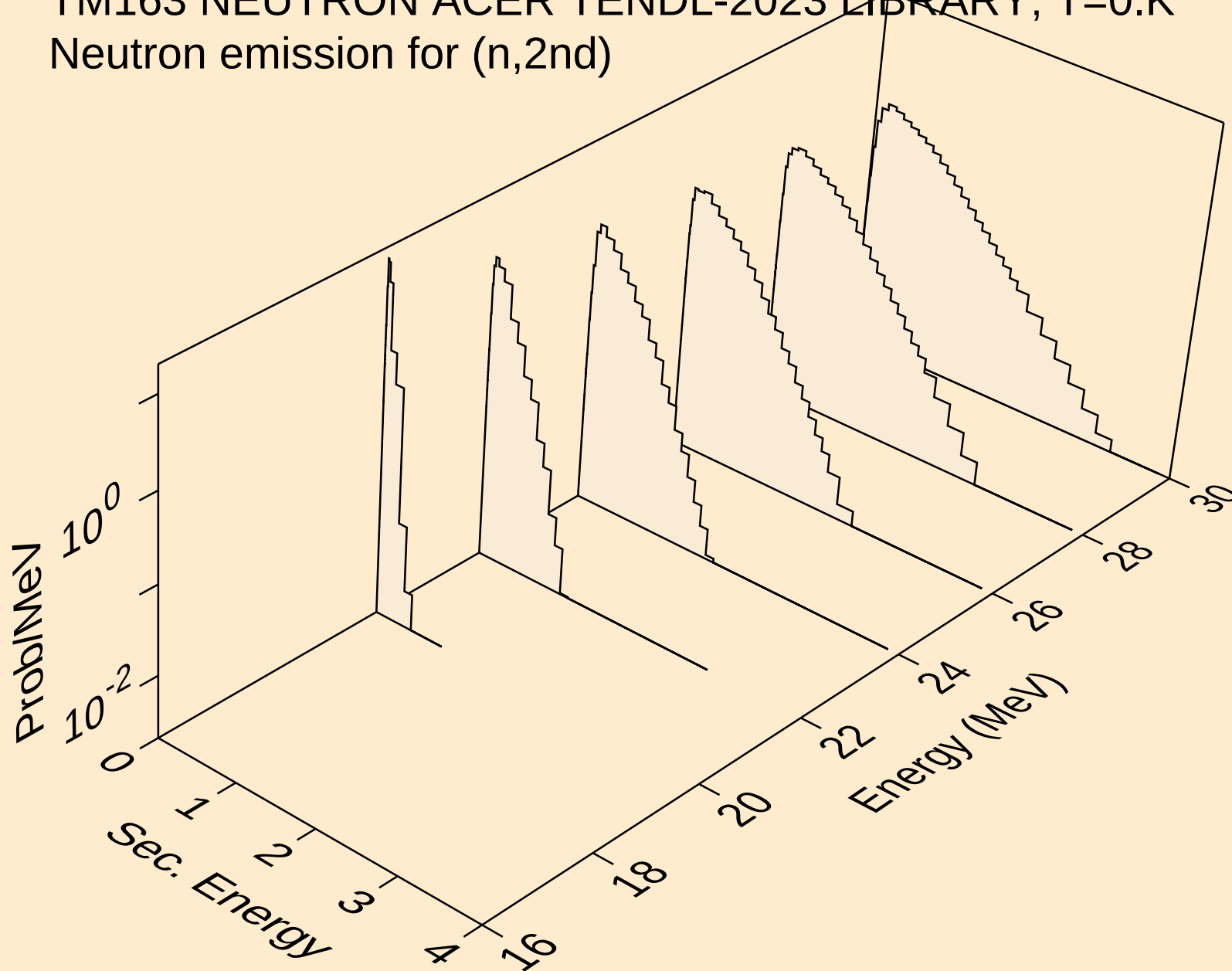
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for (n,n*18)



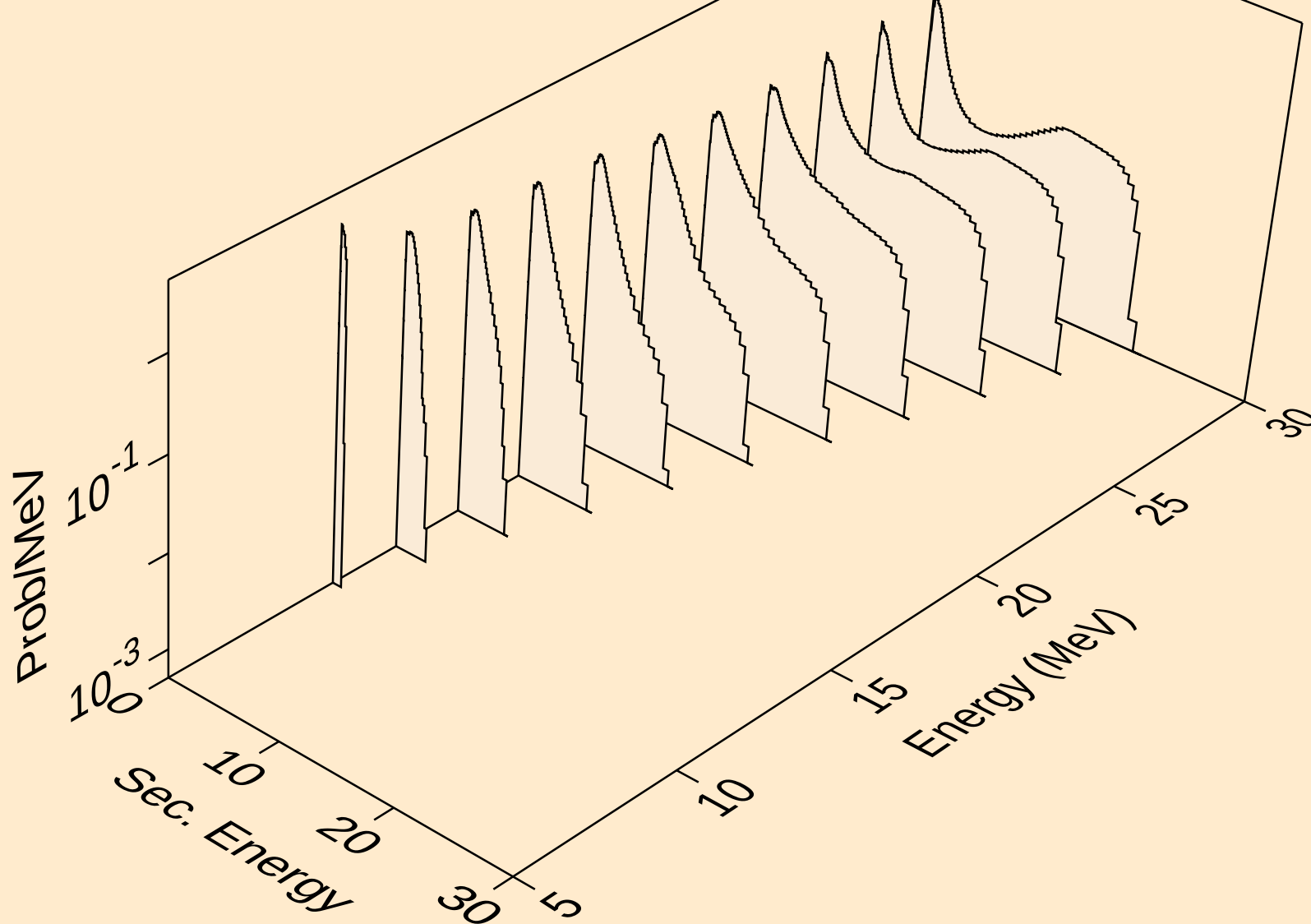
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,x)



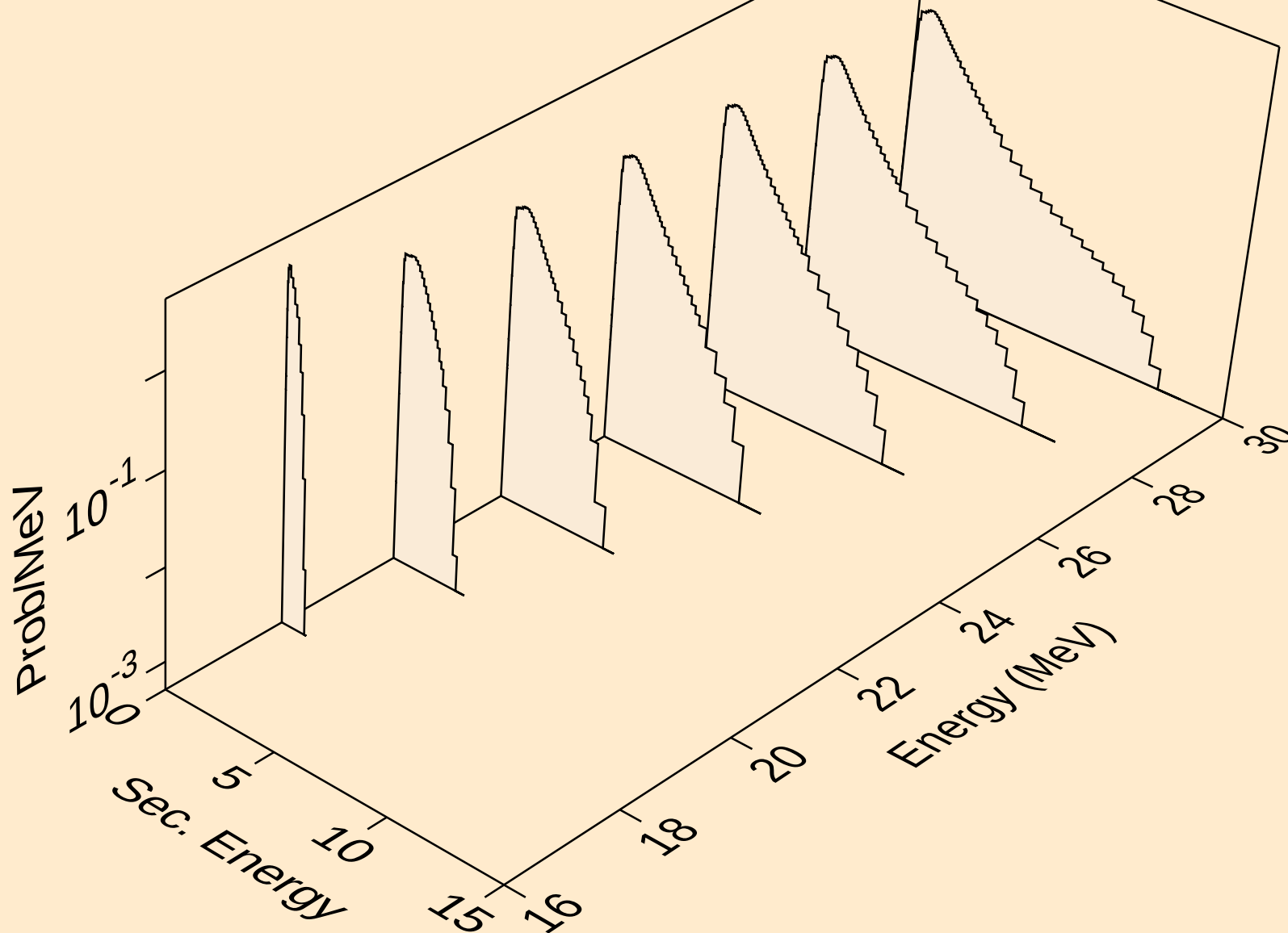
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2nd)



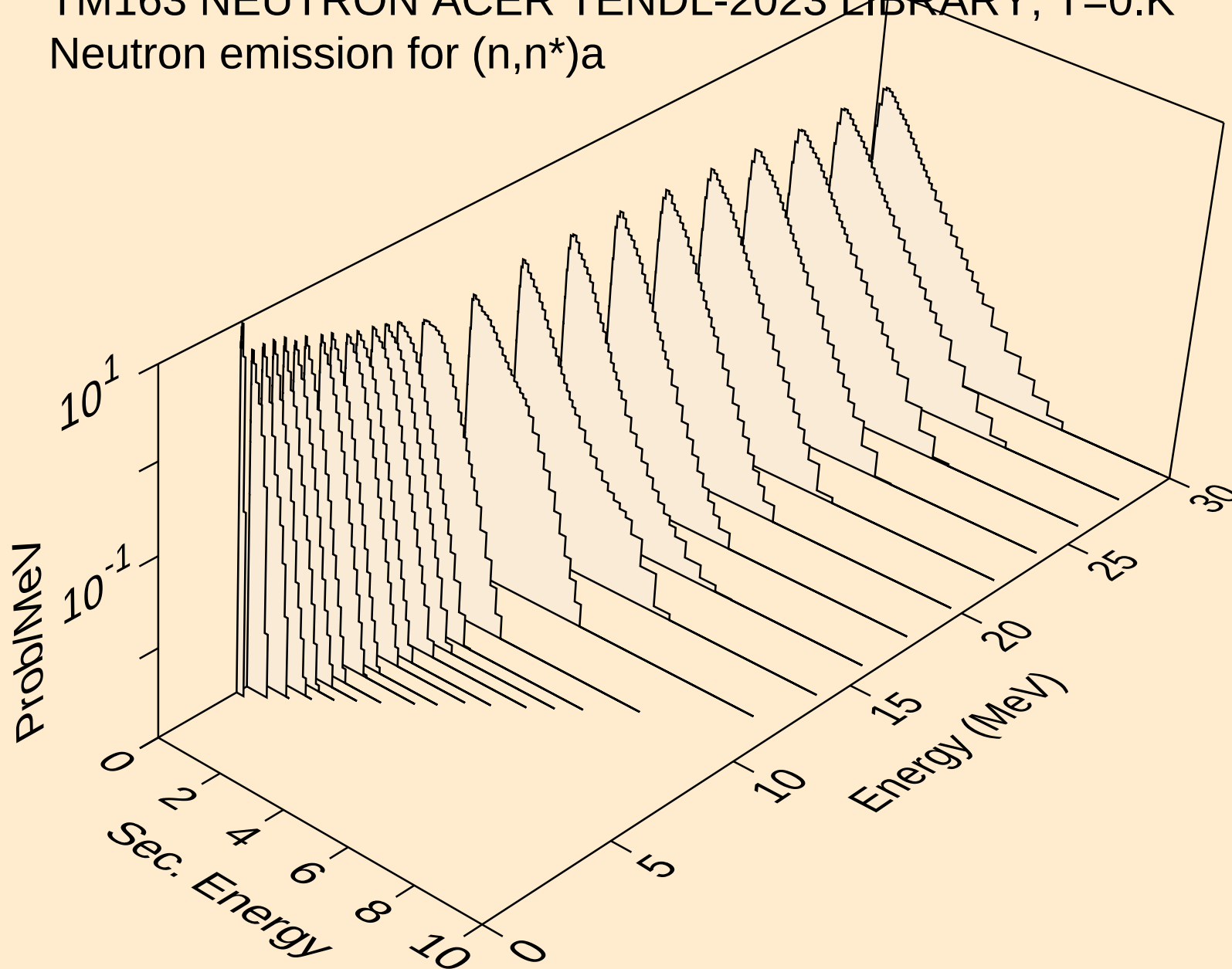
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)



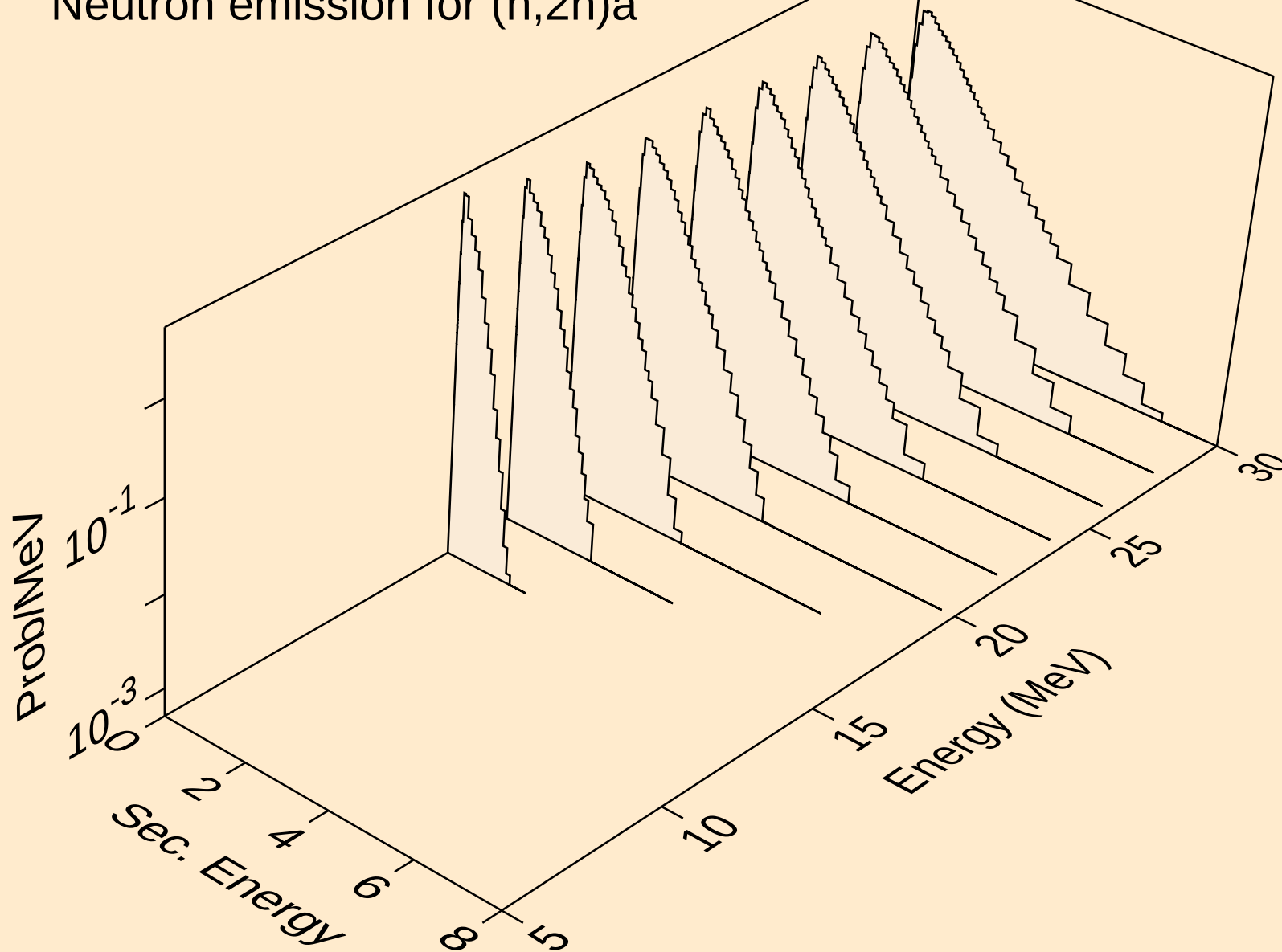
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)



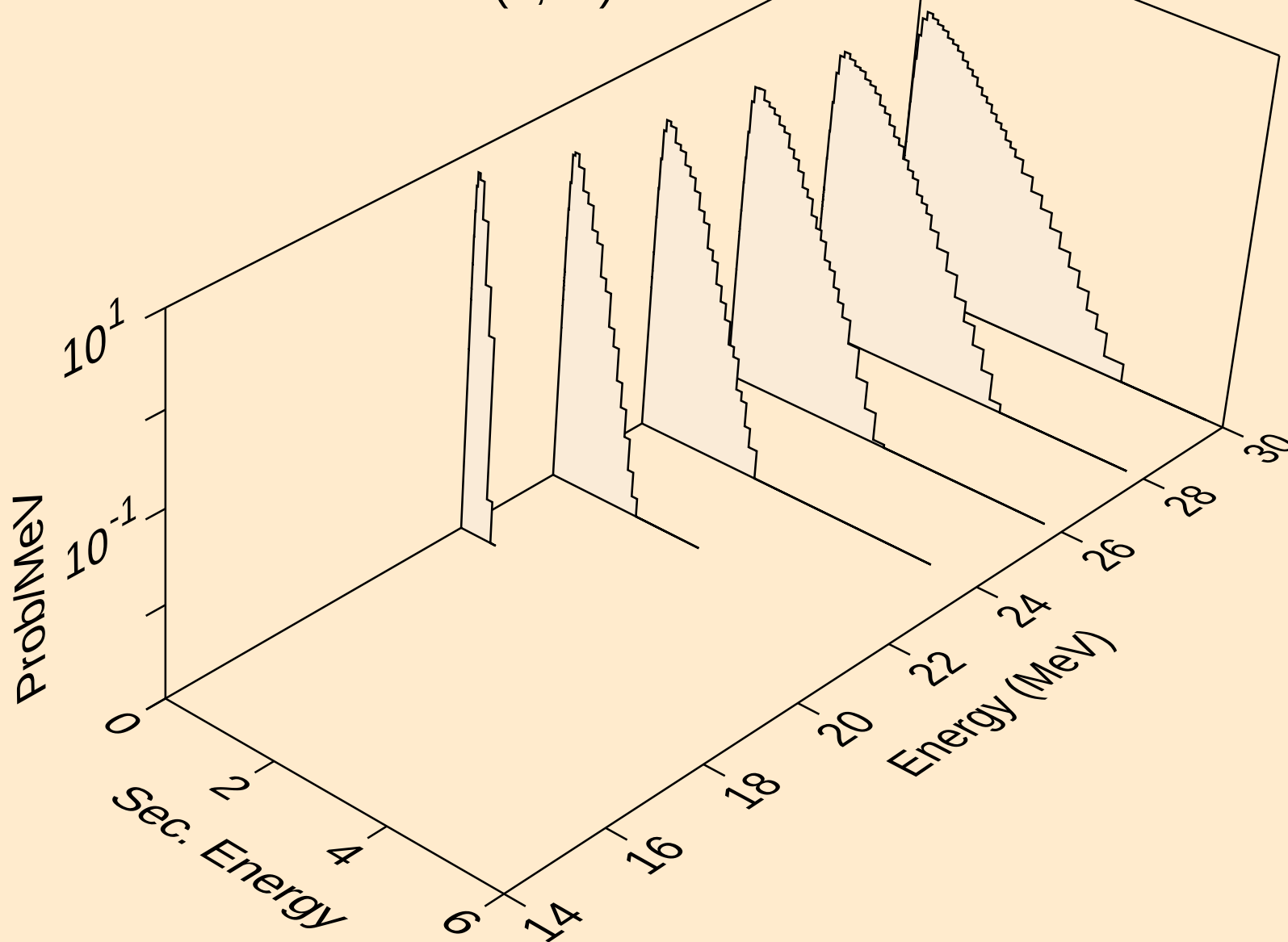
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)a



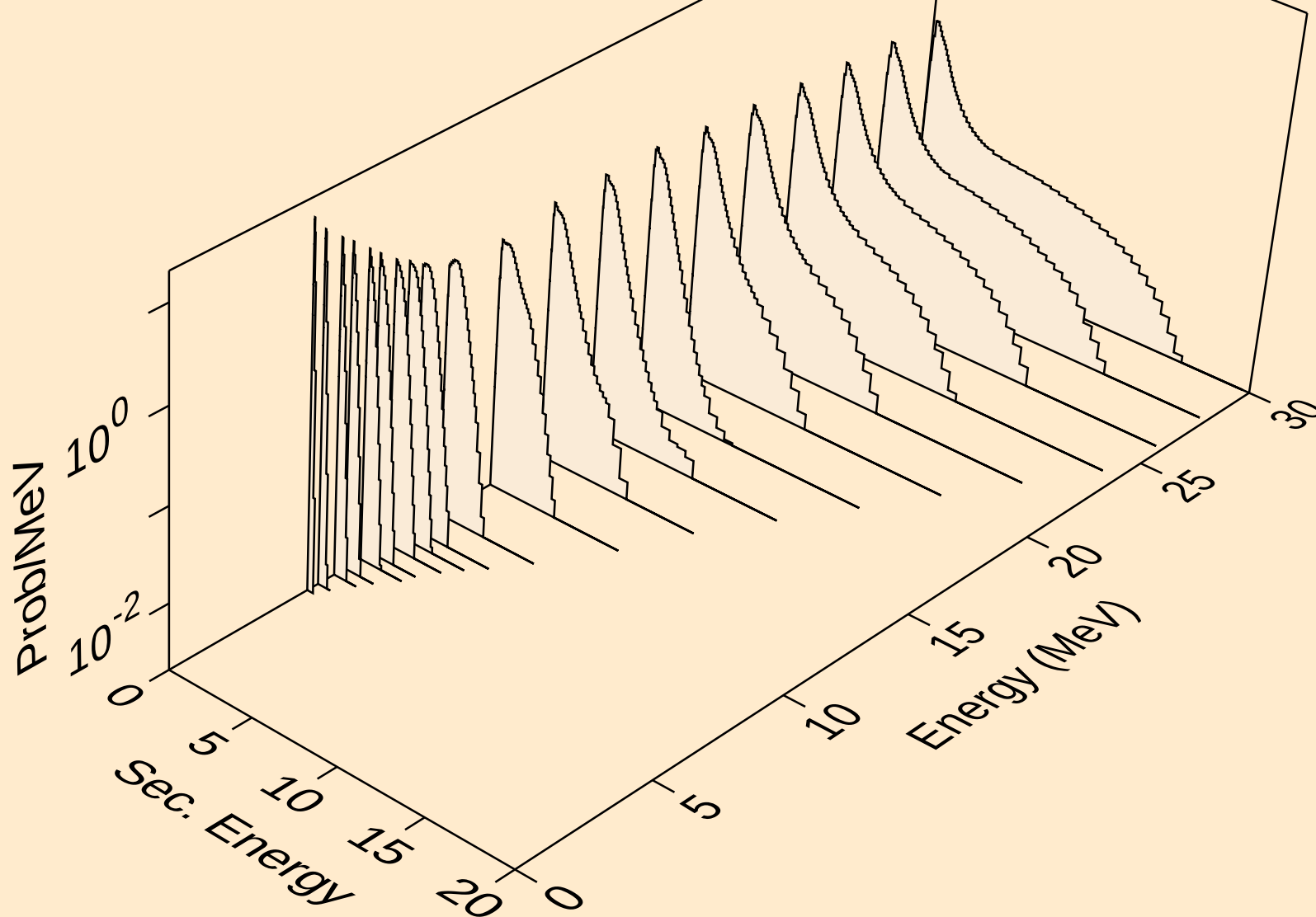
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2n)_a



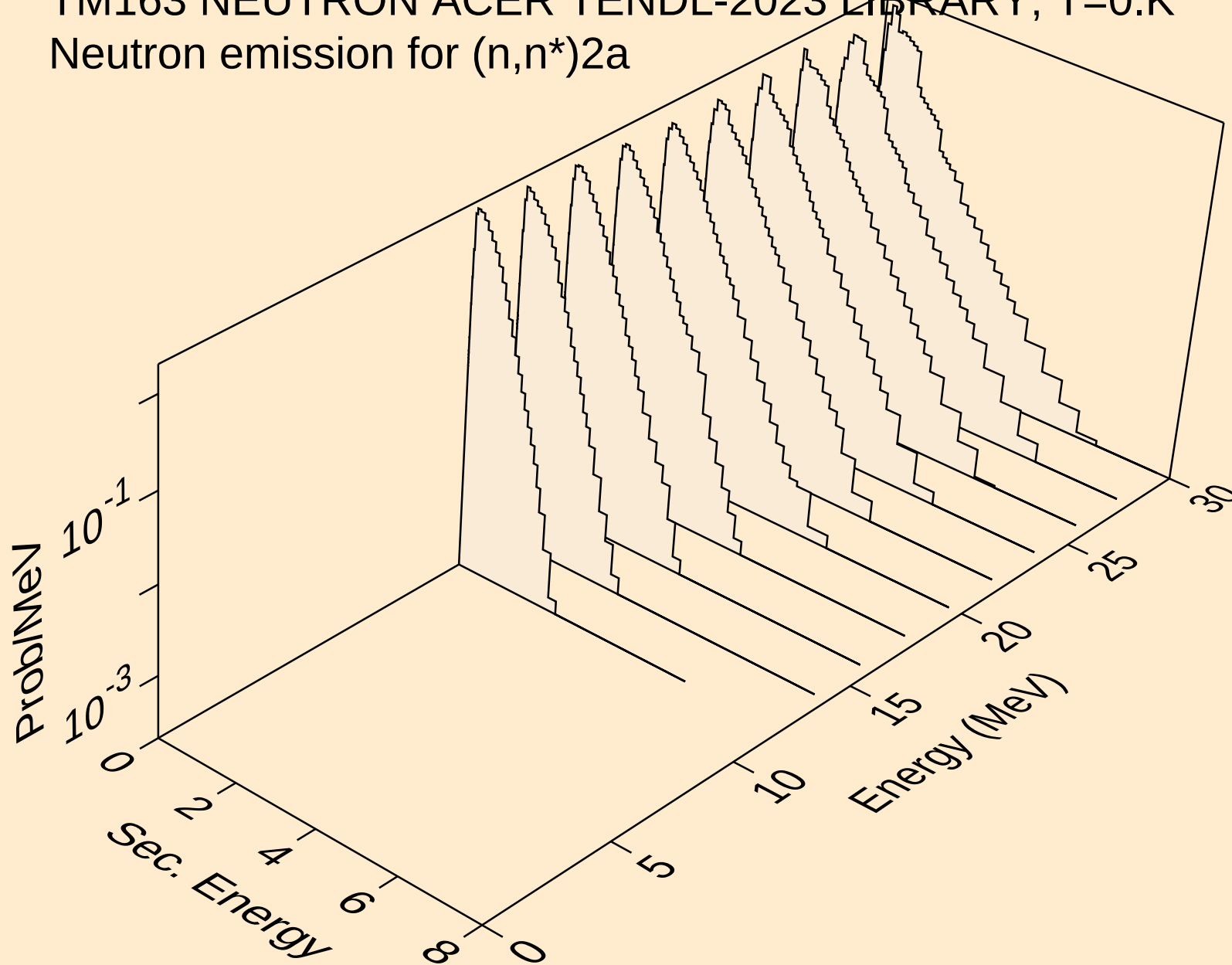
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3n)a



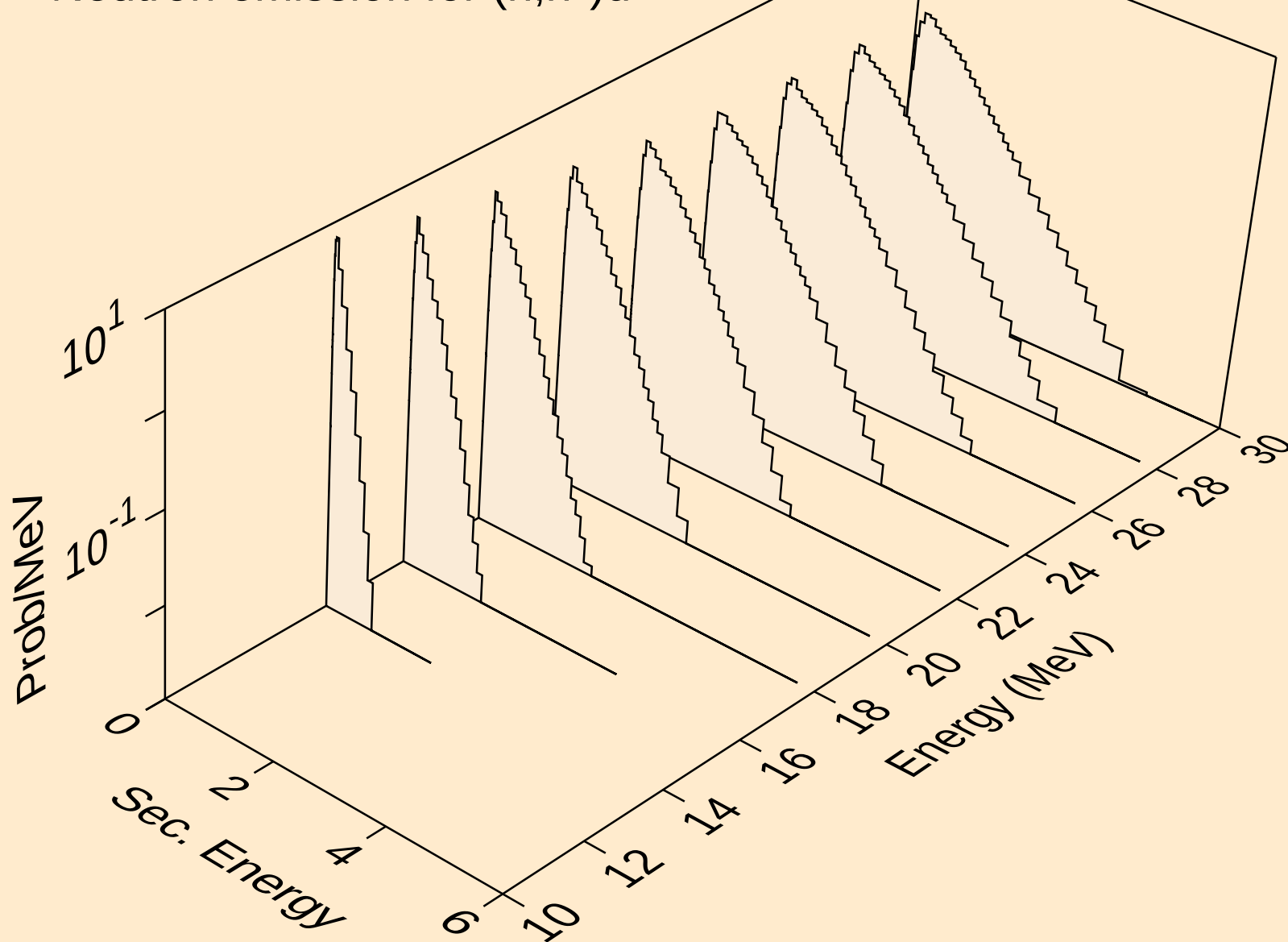
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)p



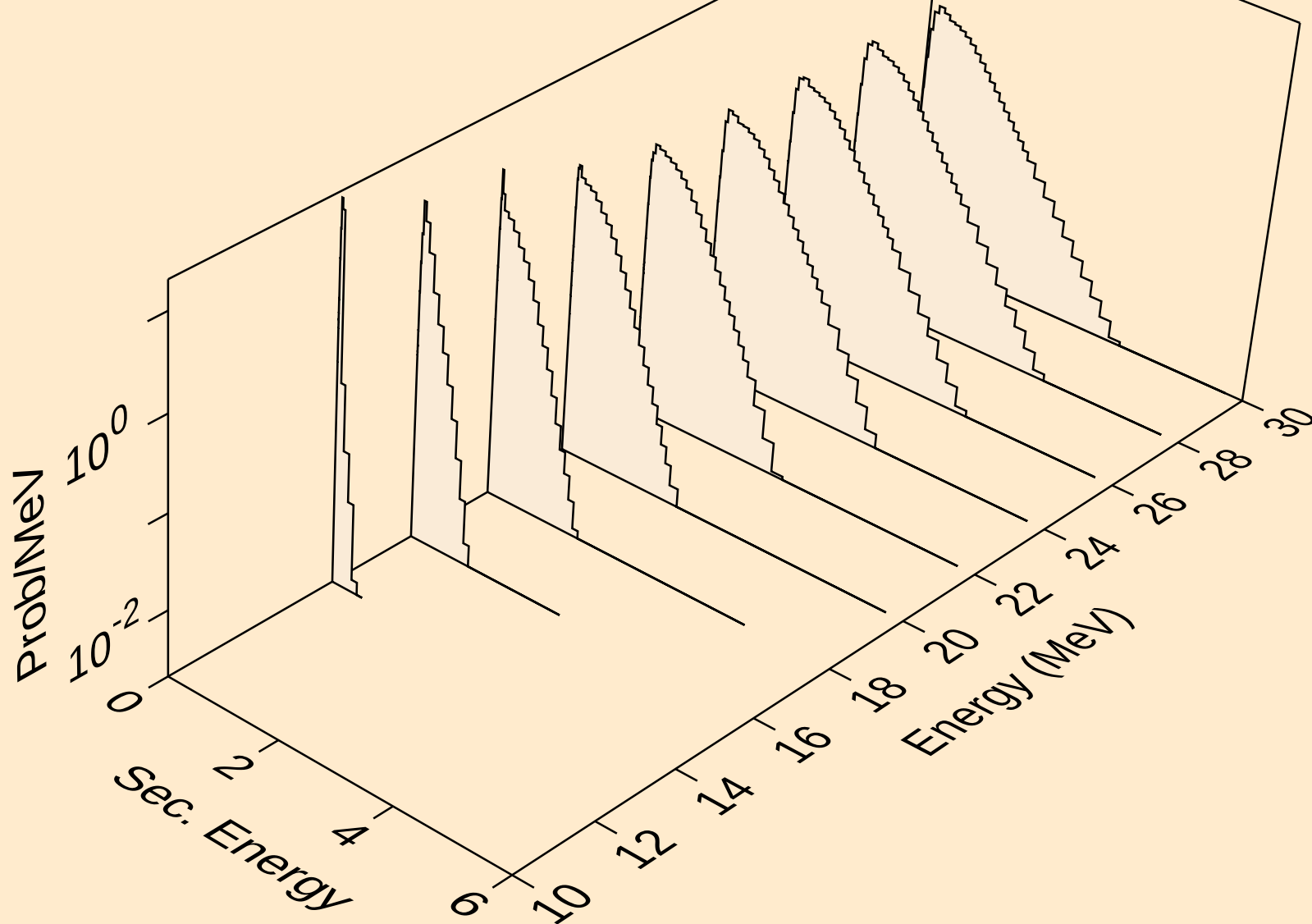
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



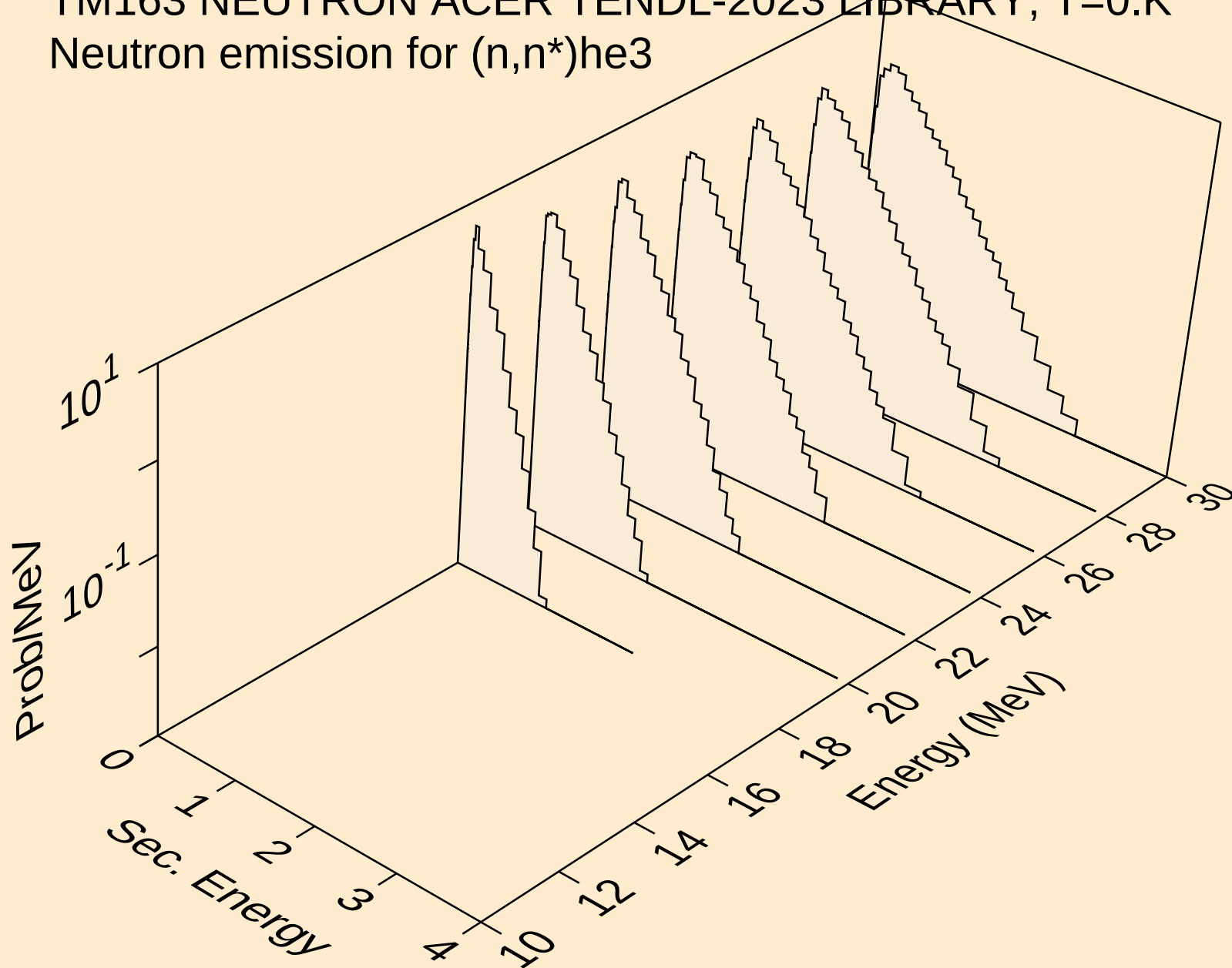
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)d



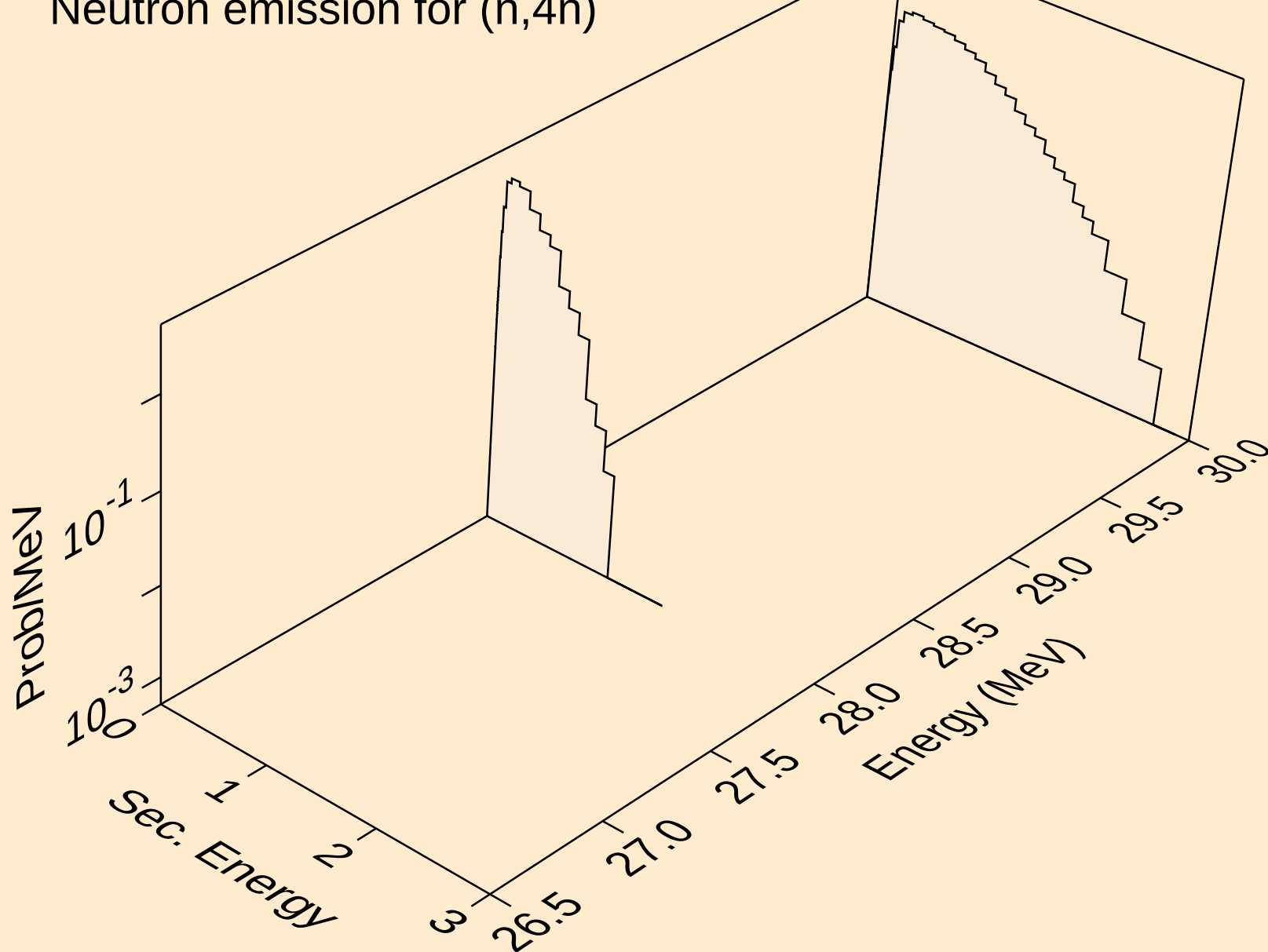
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)t



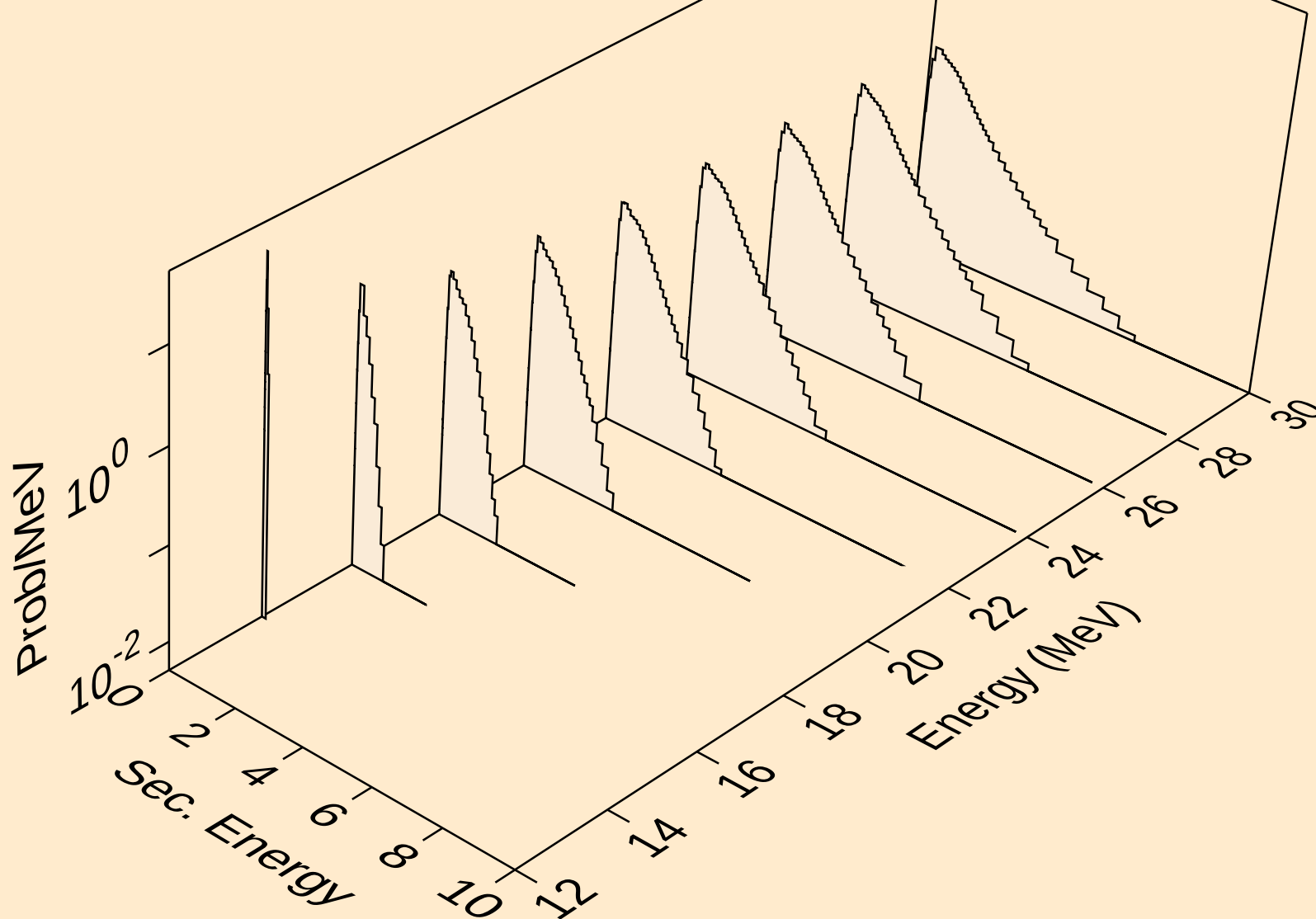
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



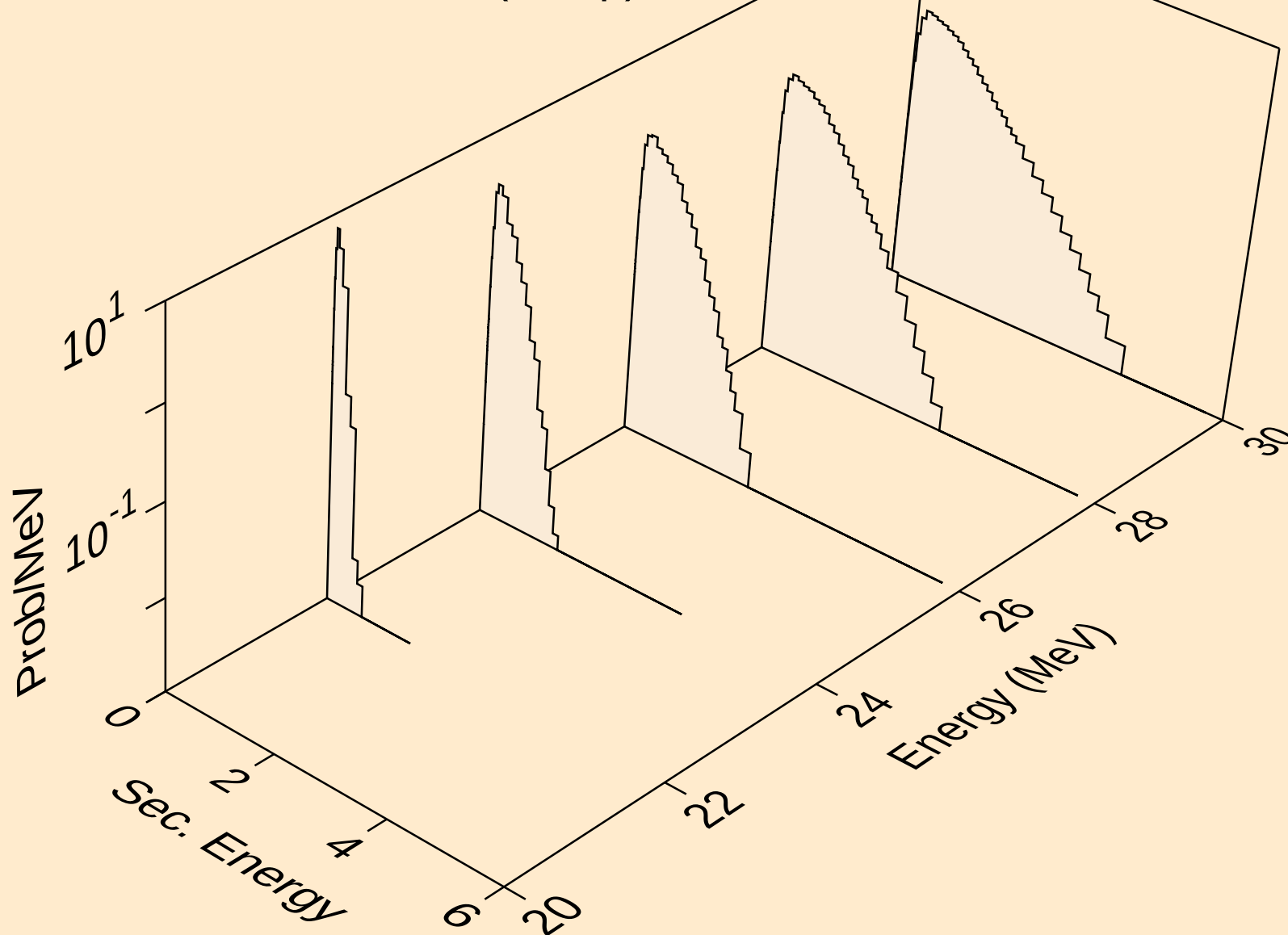
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,4n)



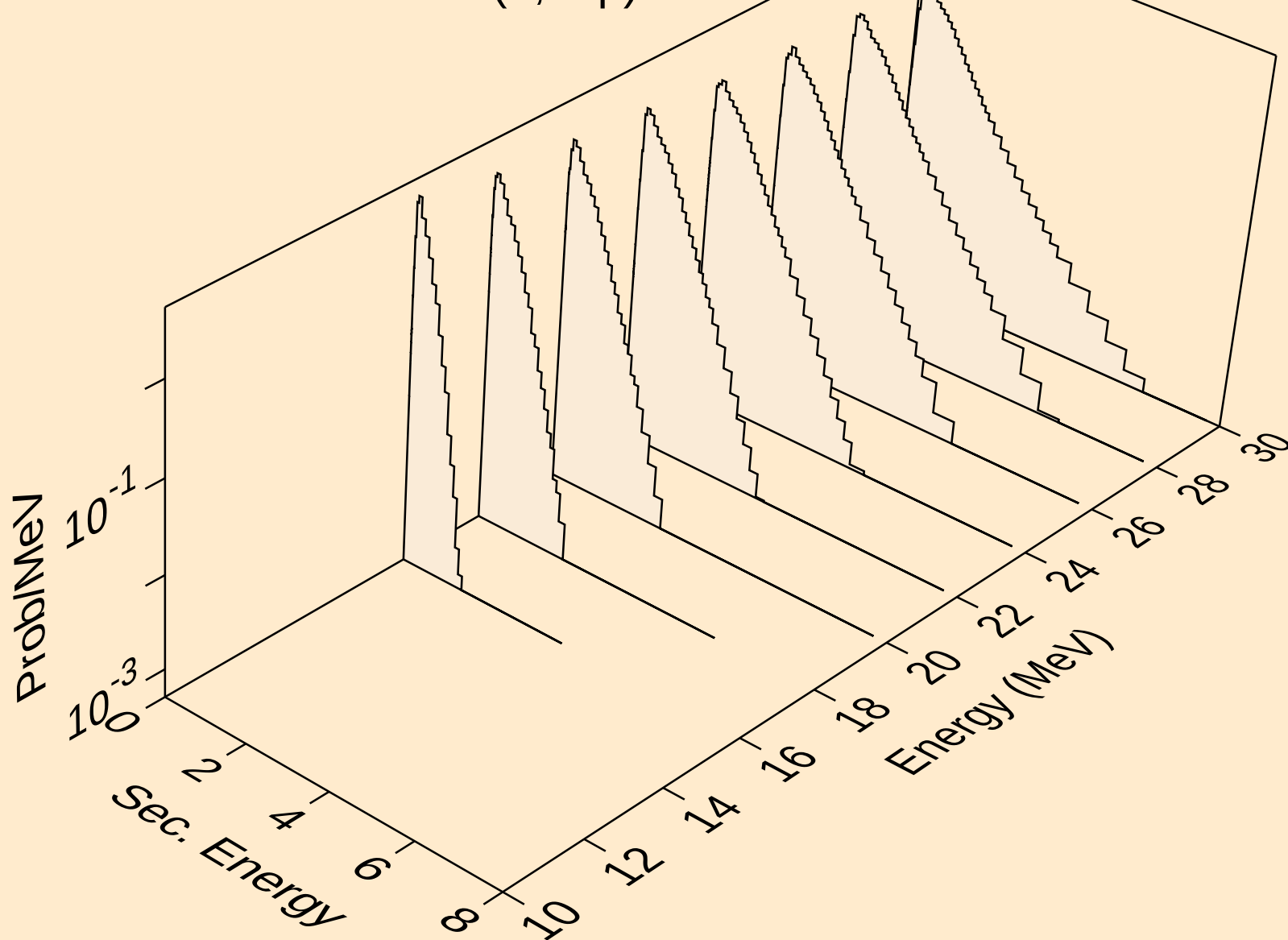
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,2np)



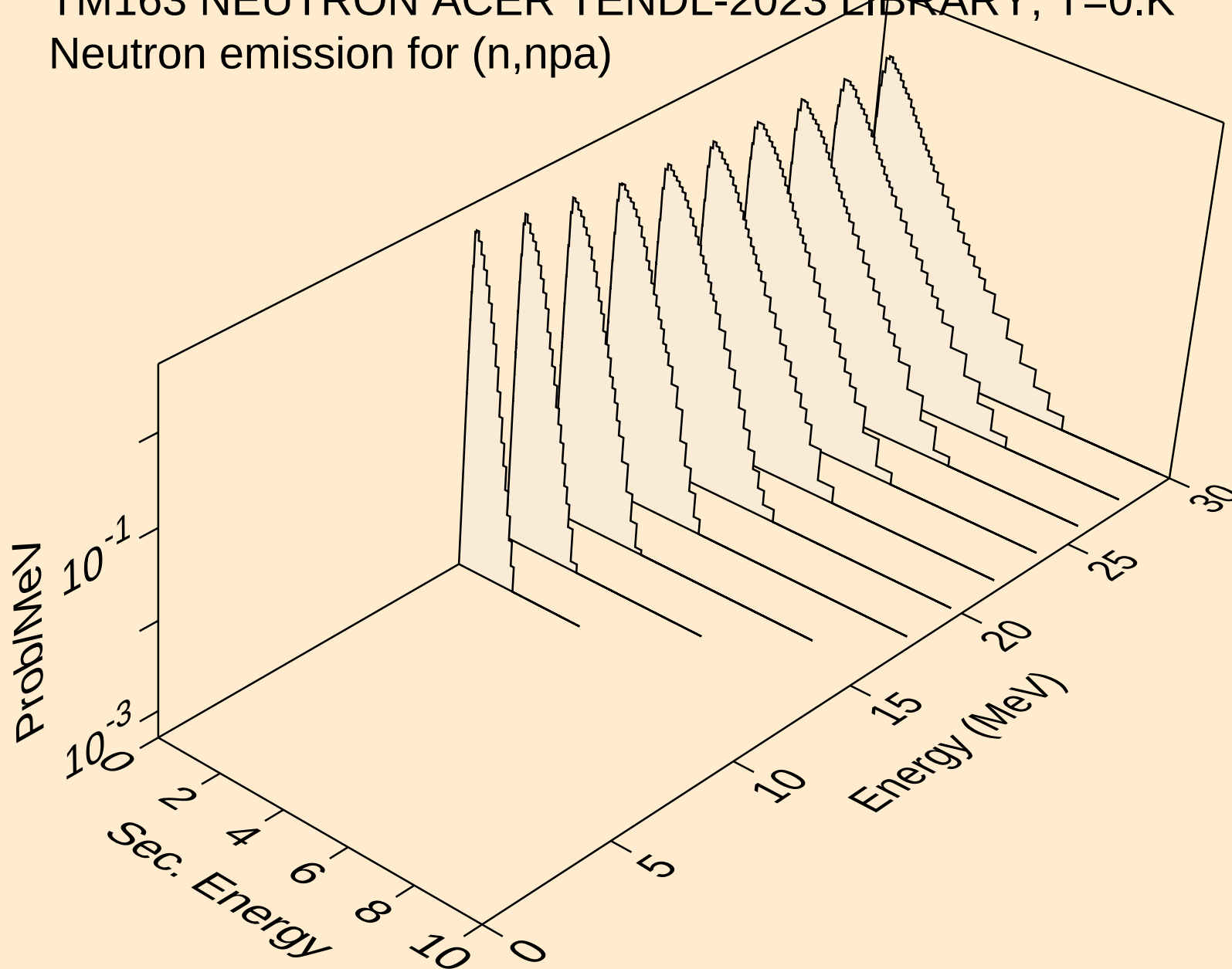
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,3np)



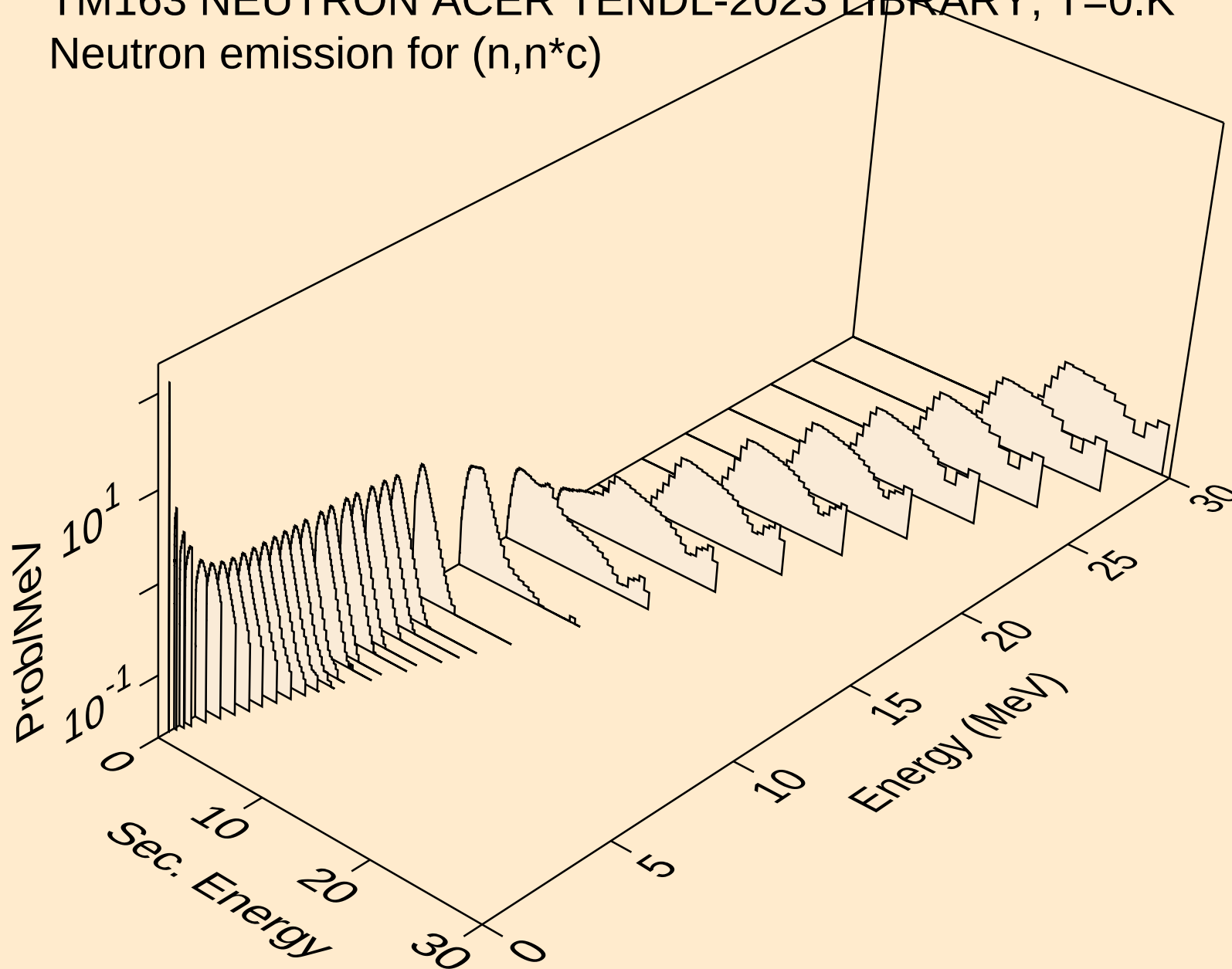
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n2p)



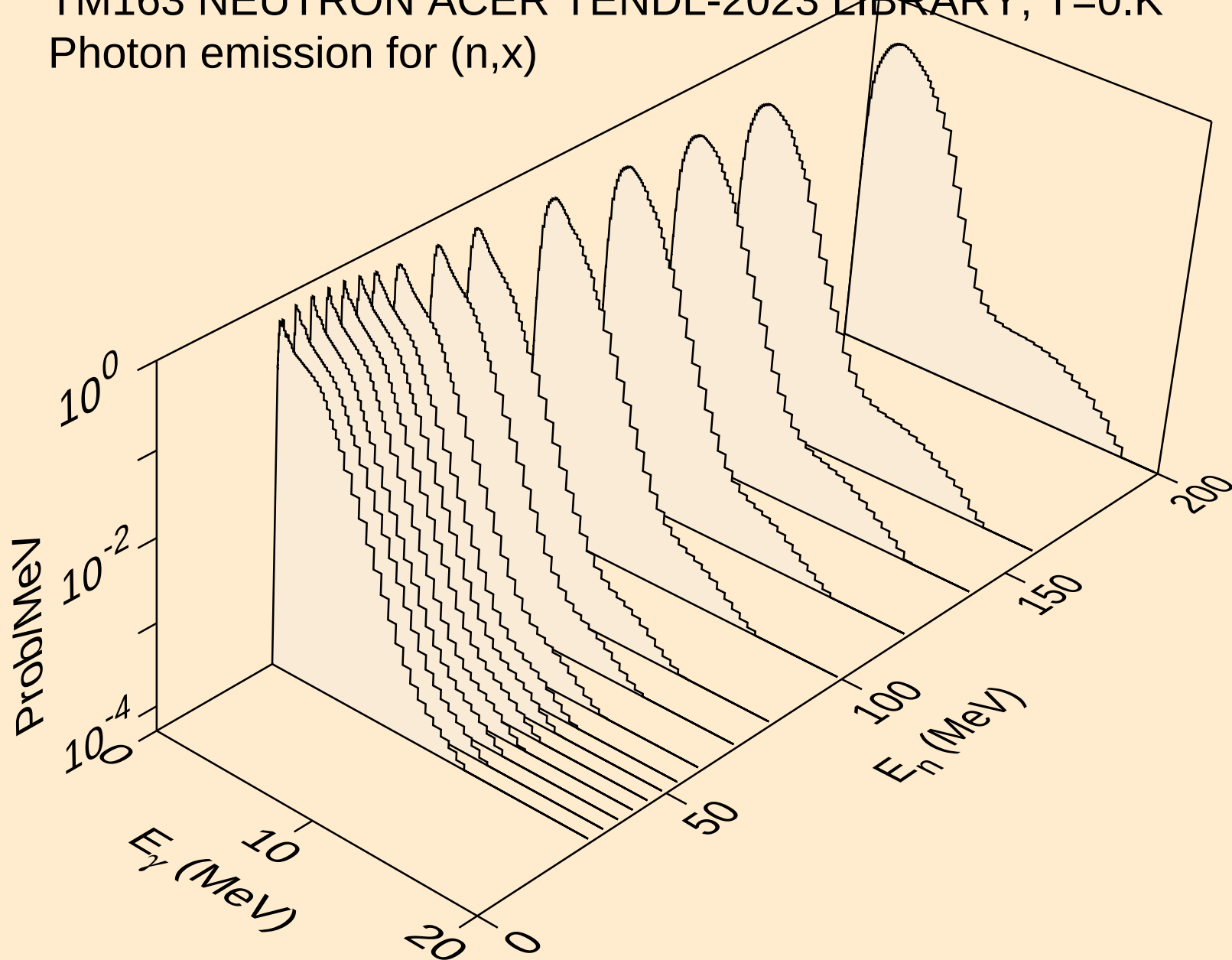
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,npa)



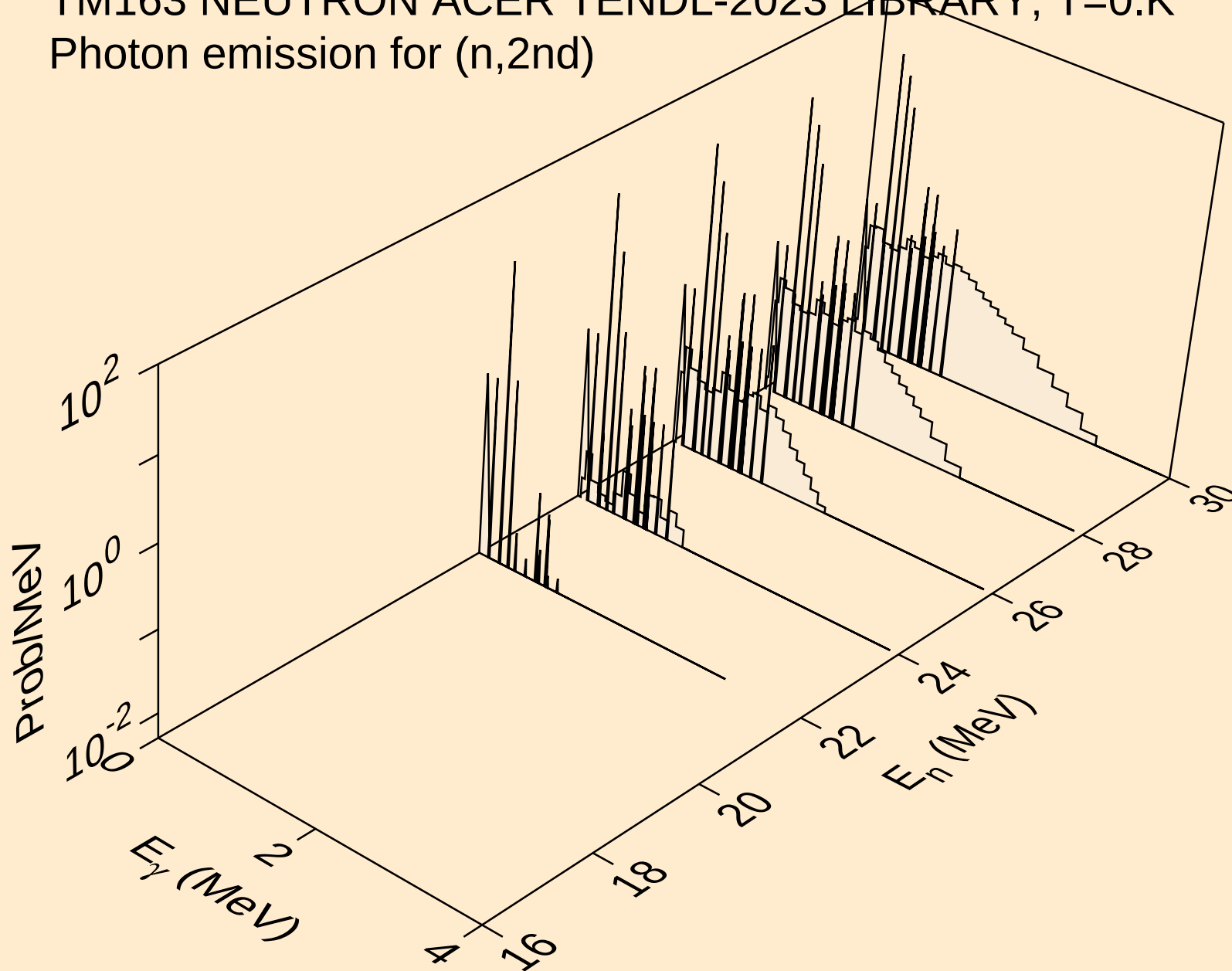
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Neutron emission for (n,n*c)



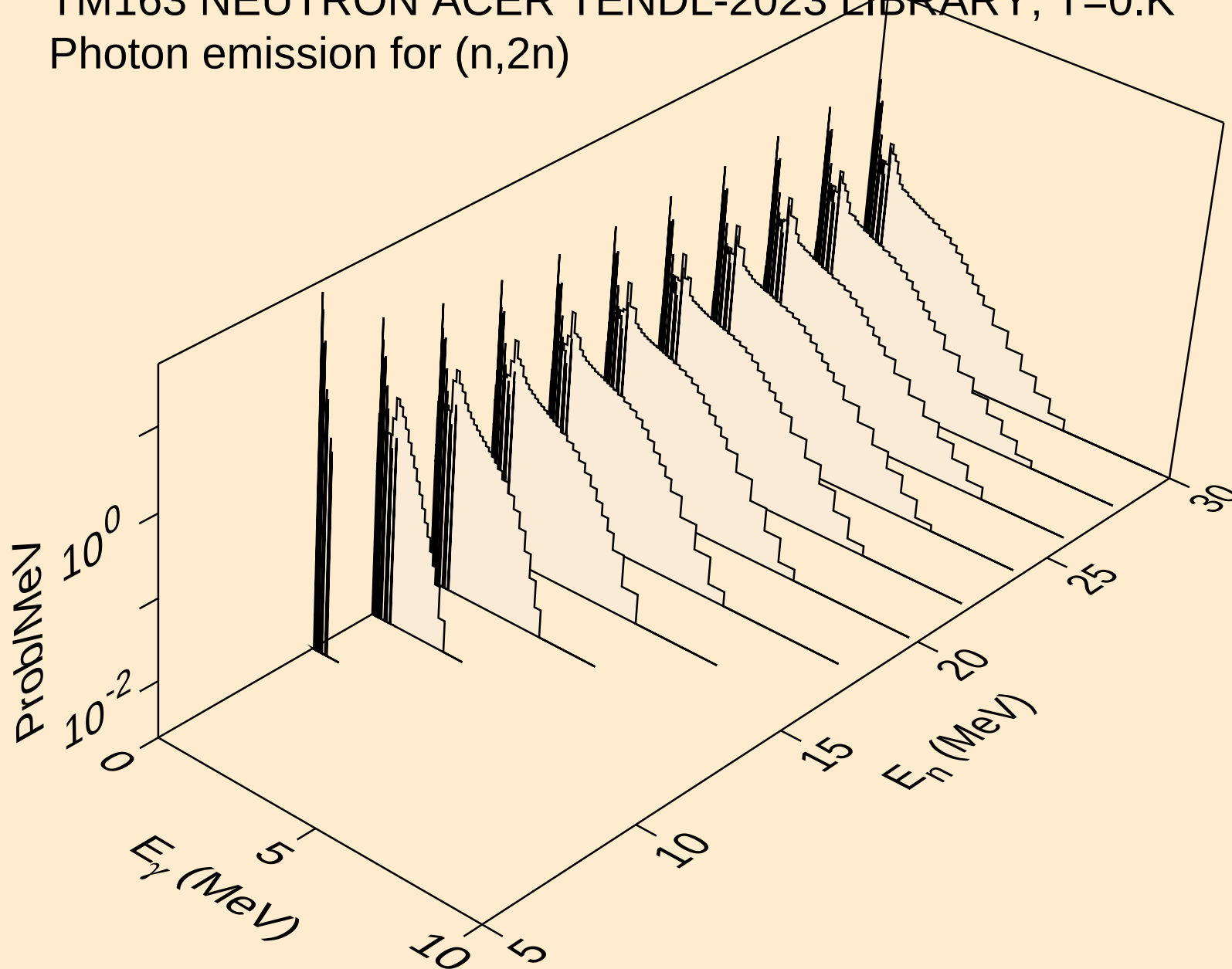
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,x)



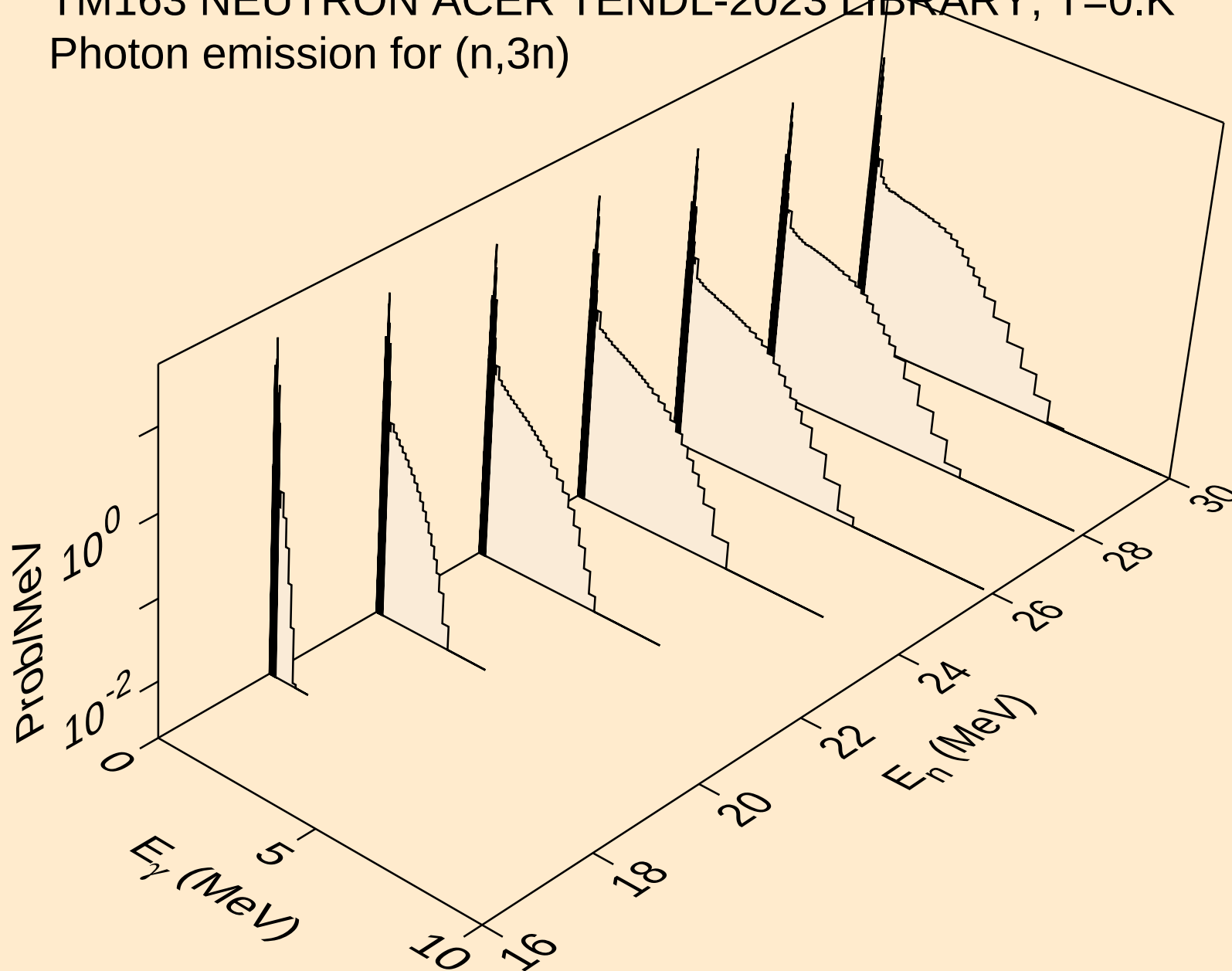
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2nd)



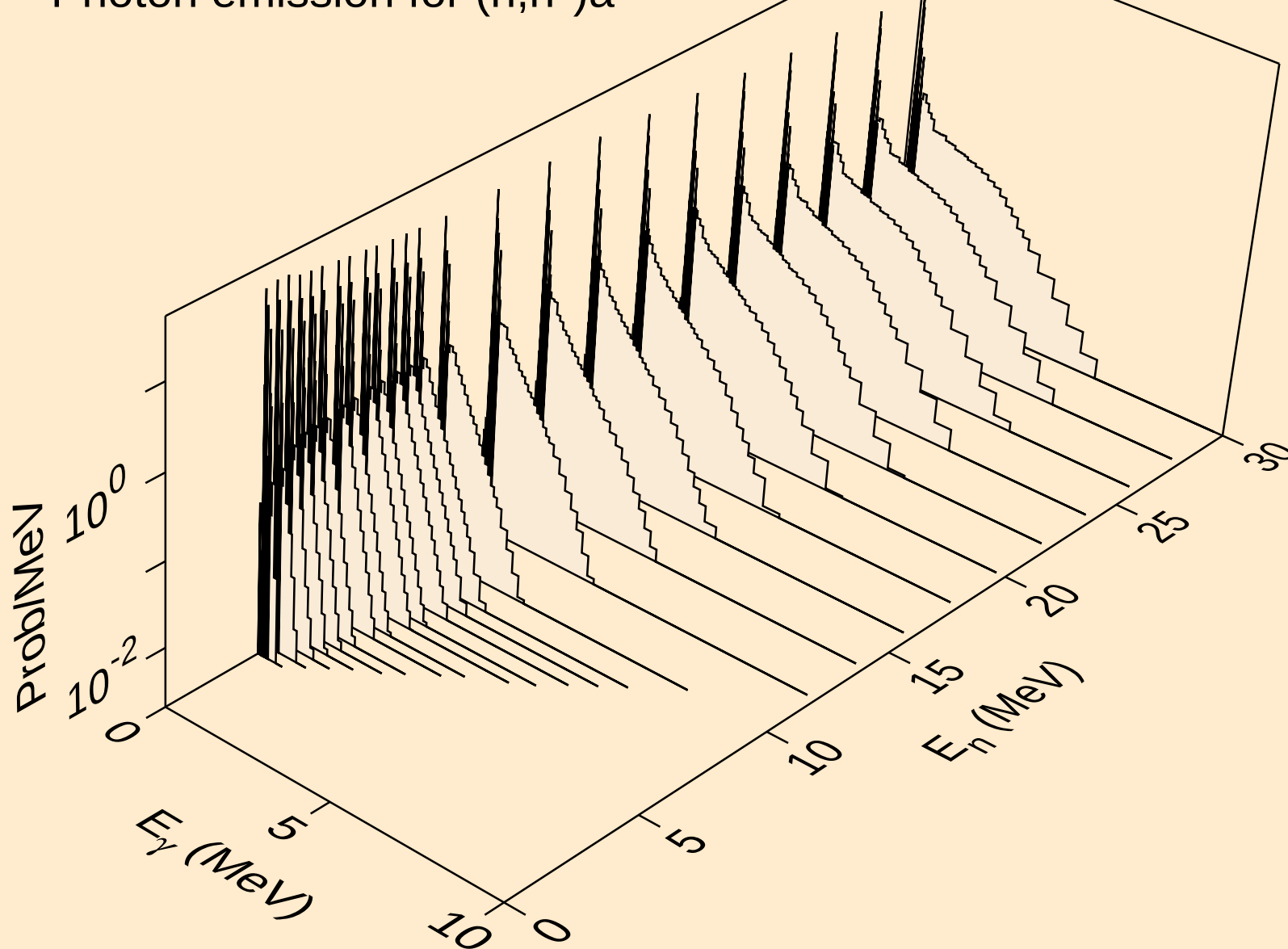
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)

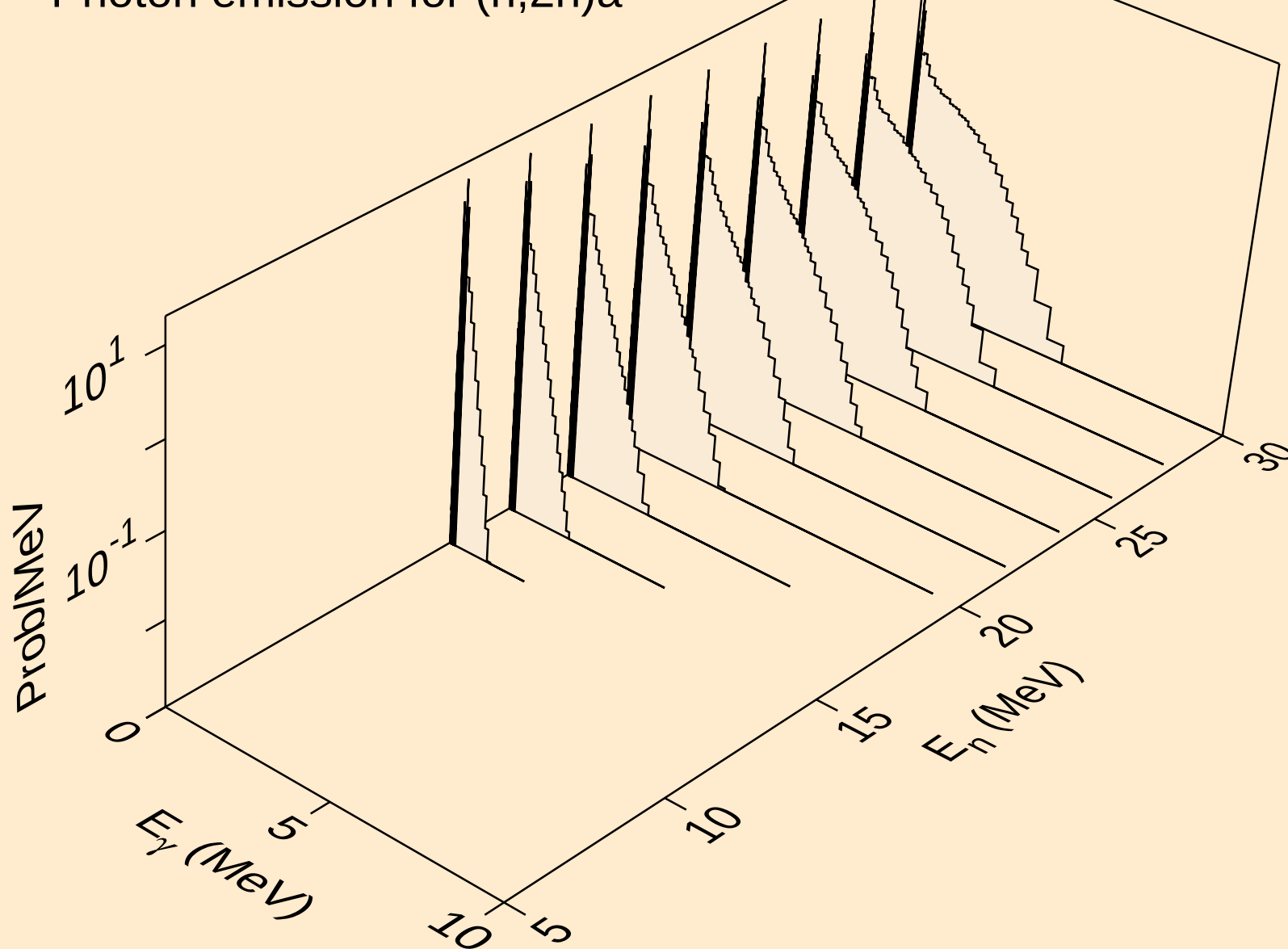


TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a

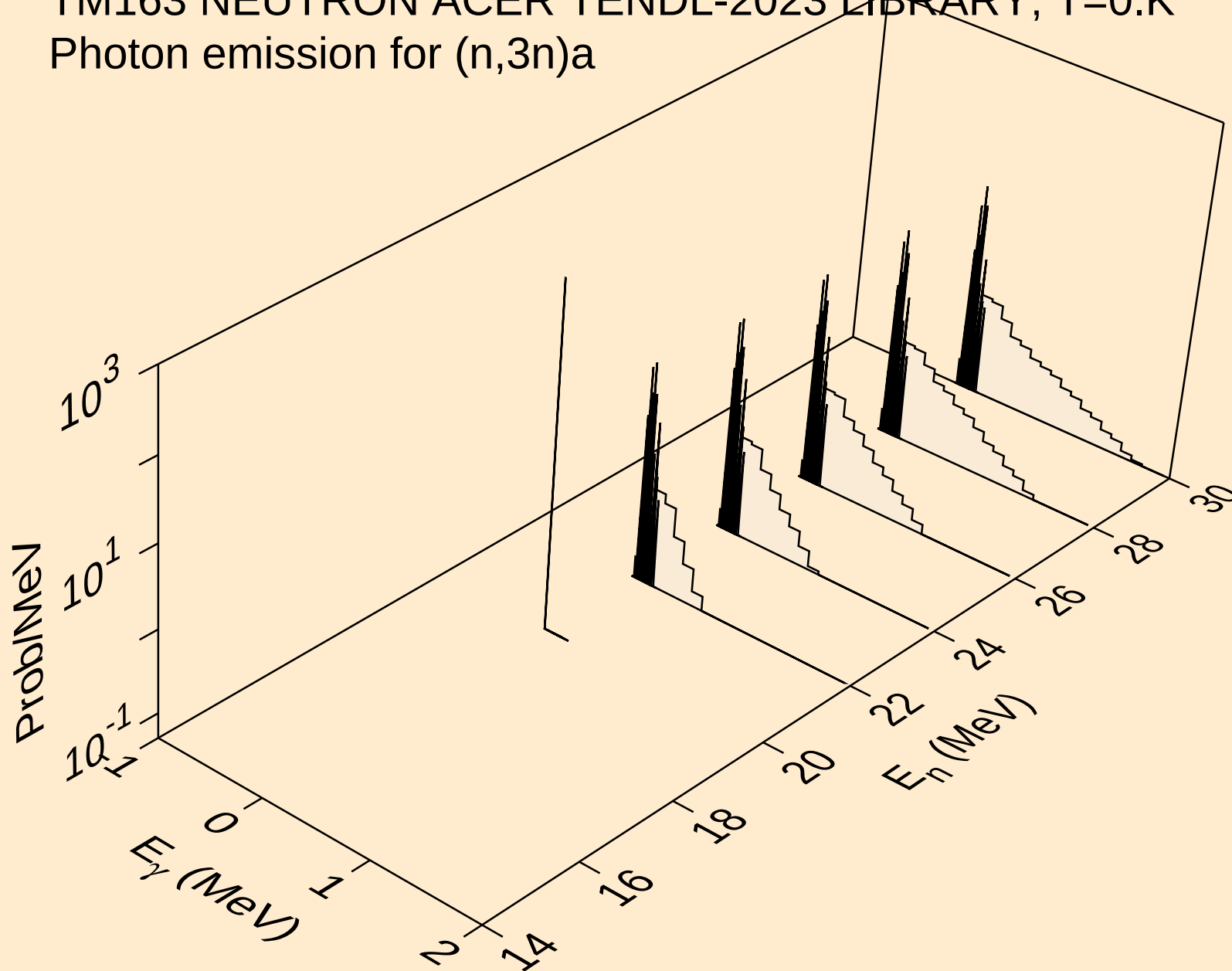


TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

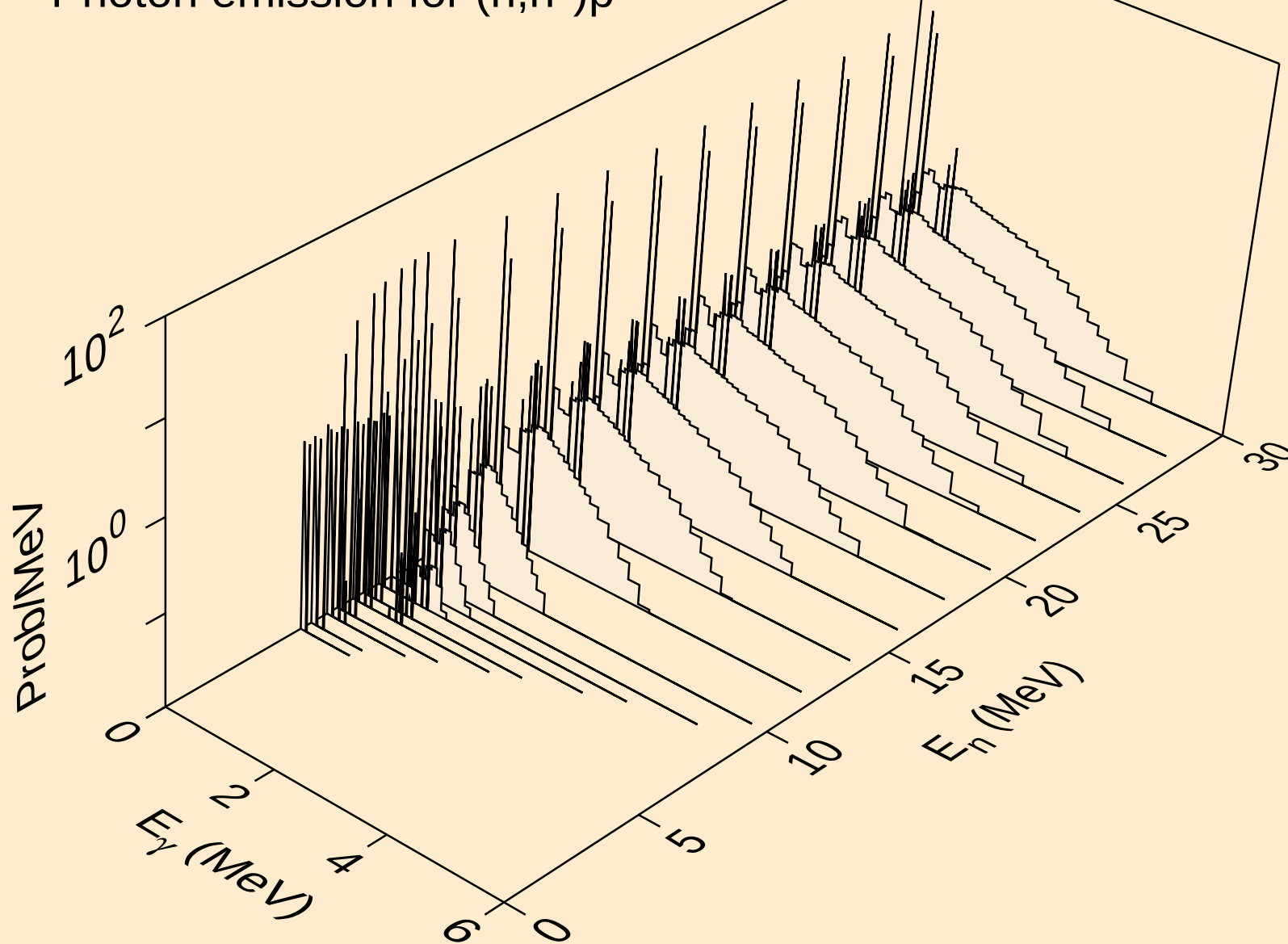
Photon emission for (n,2n) α



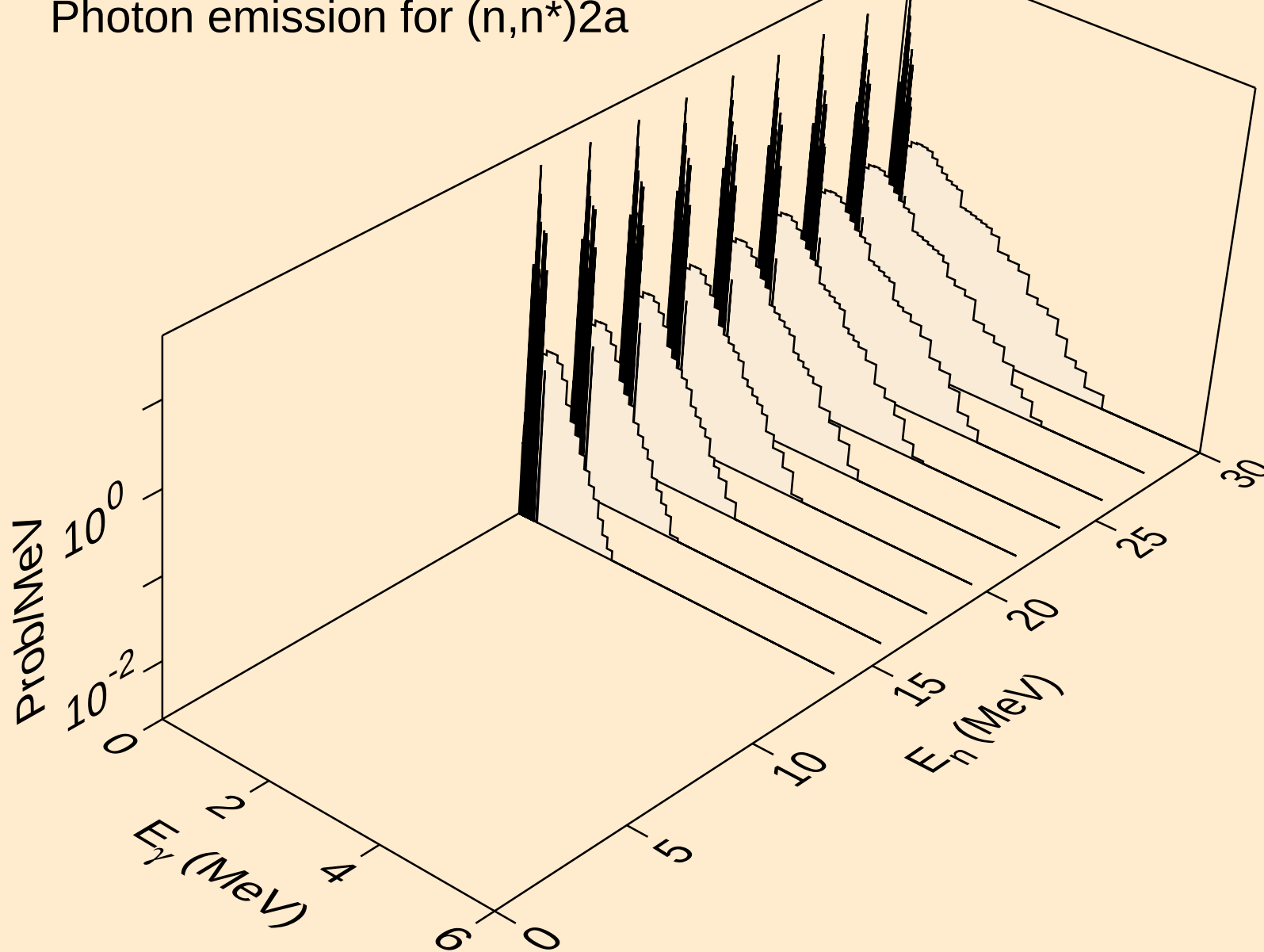
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n) α



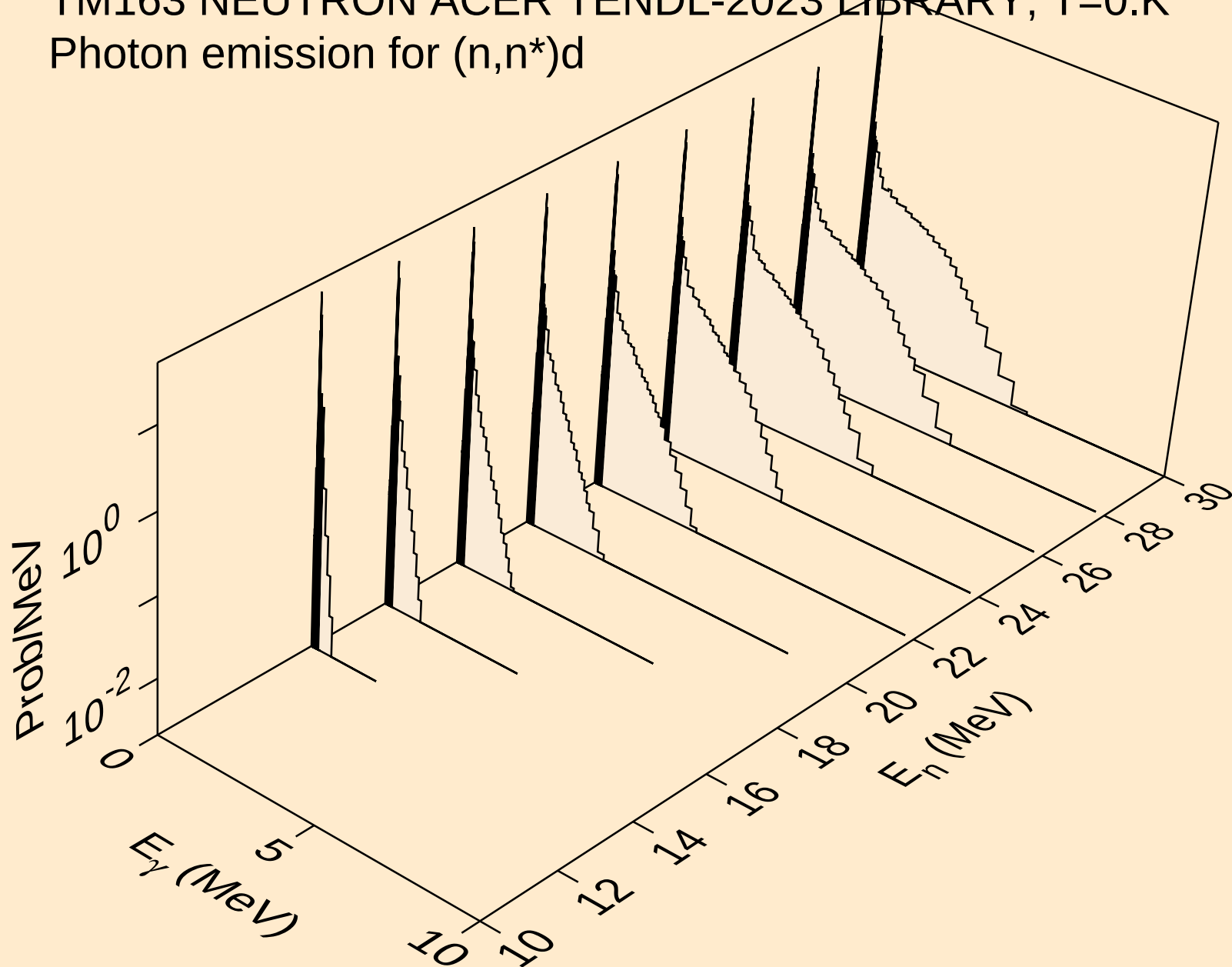
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



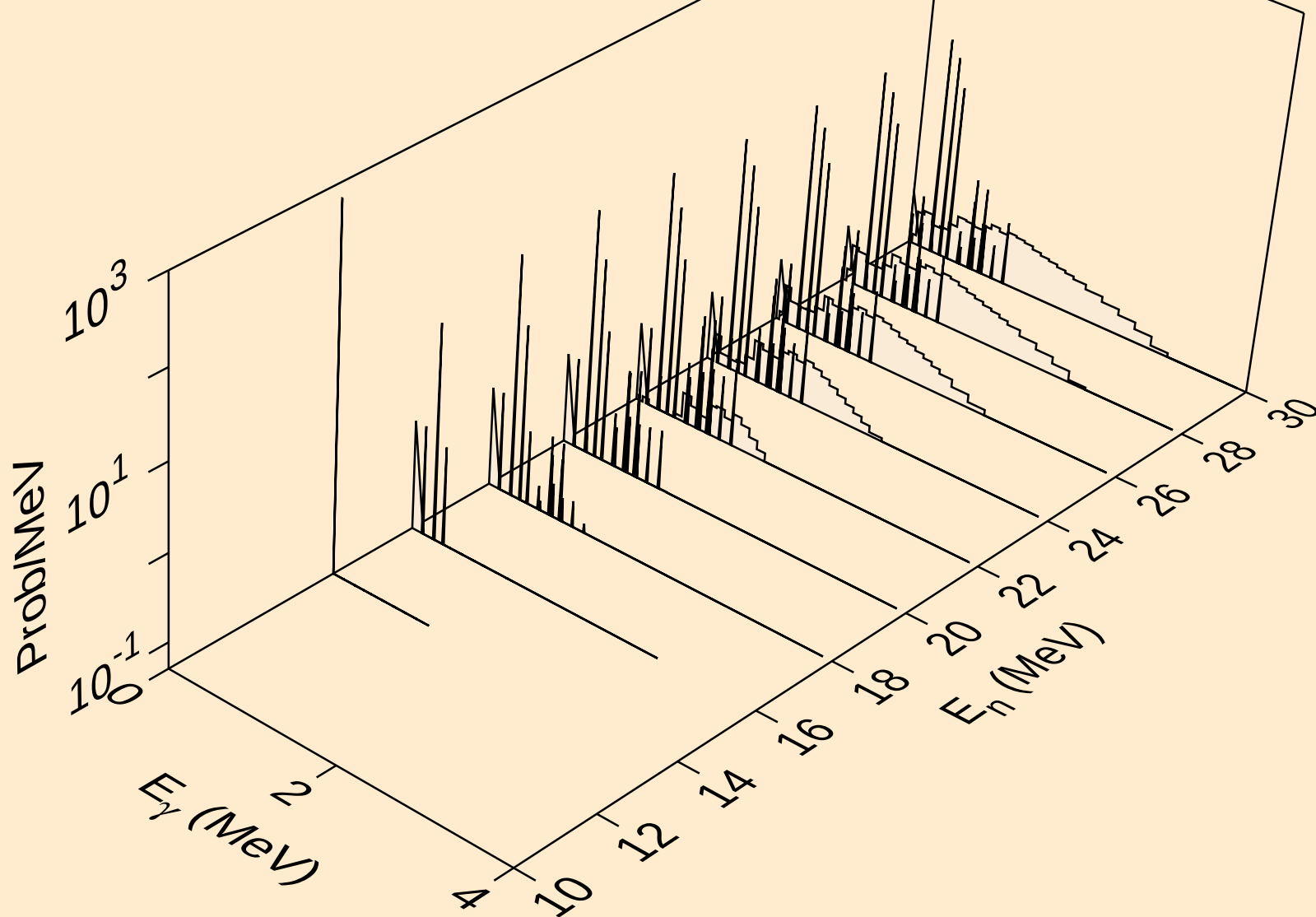
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)2a



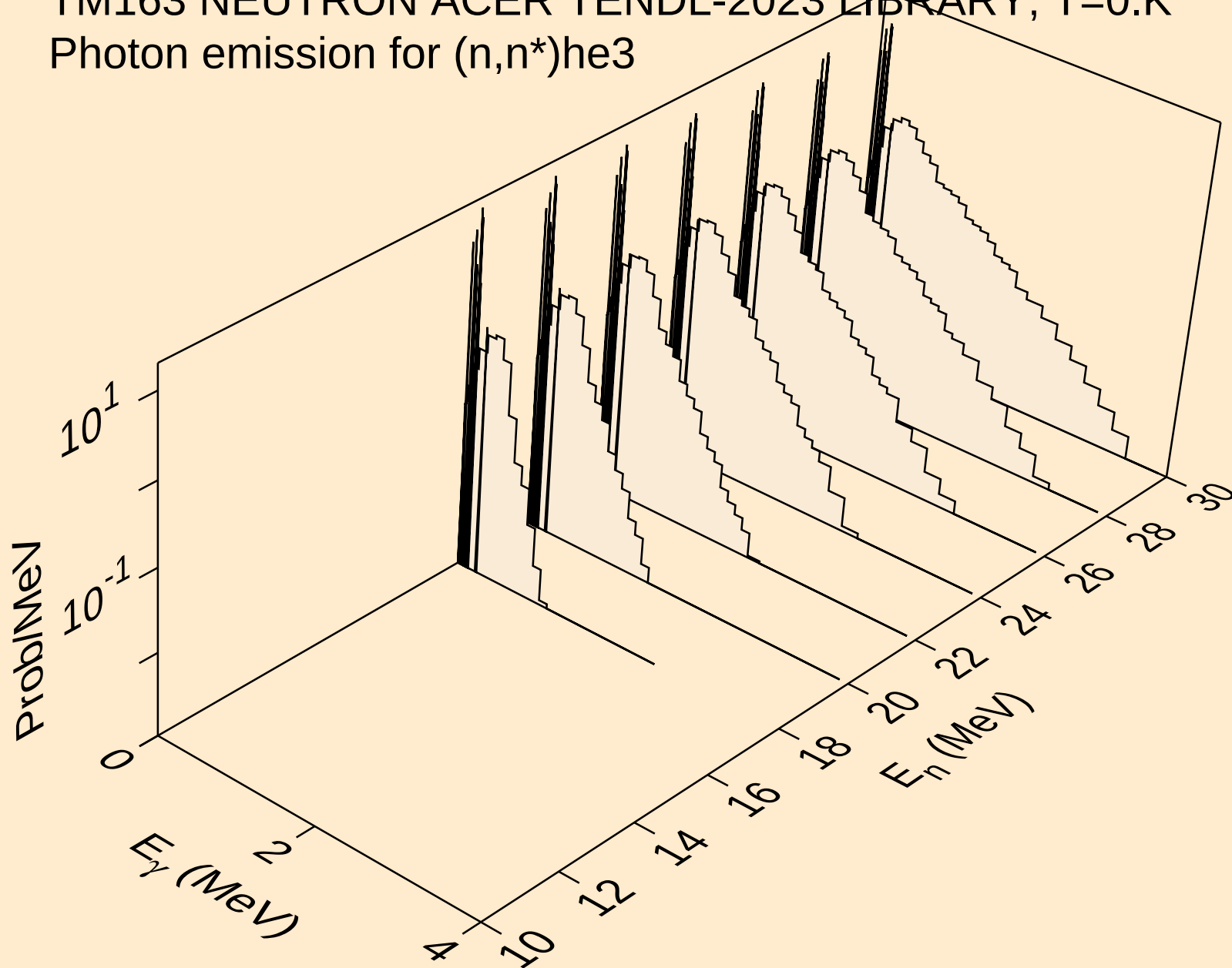
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



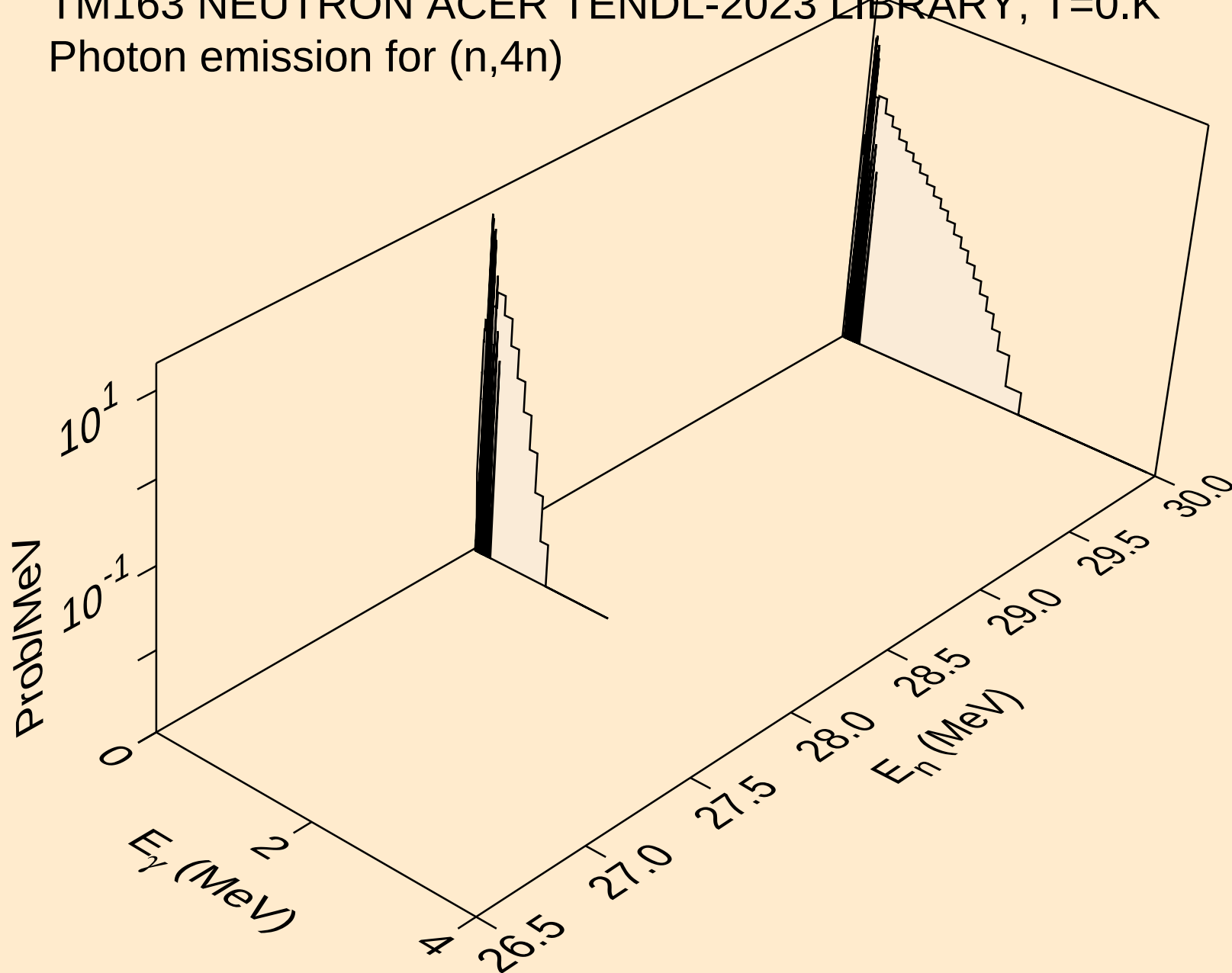
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



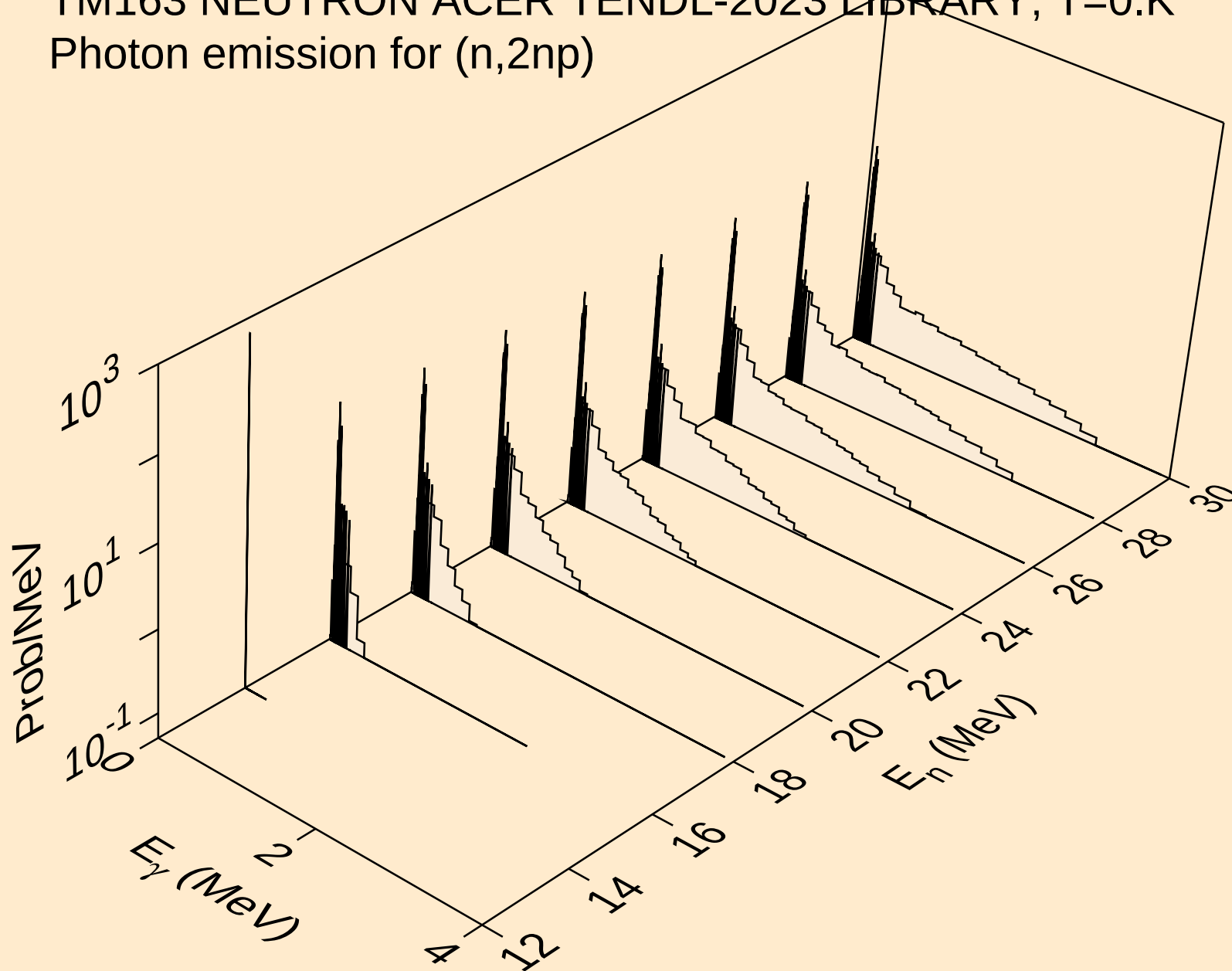
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)he3



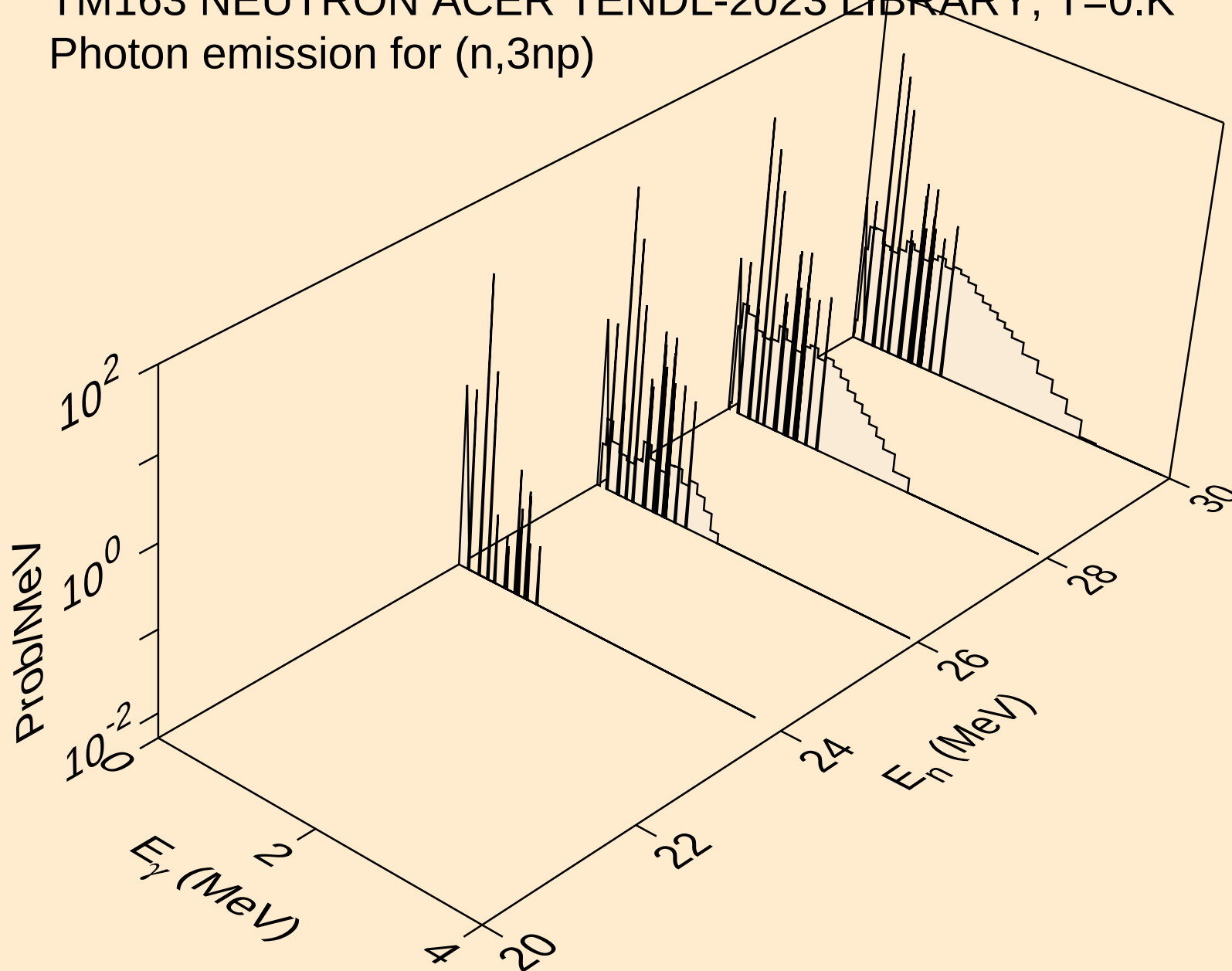
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,4n)



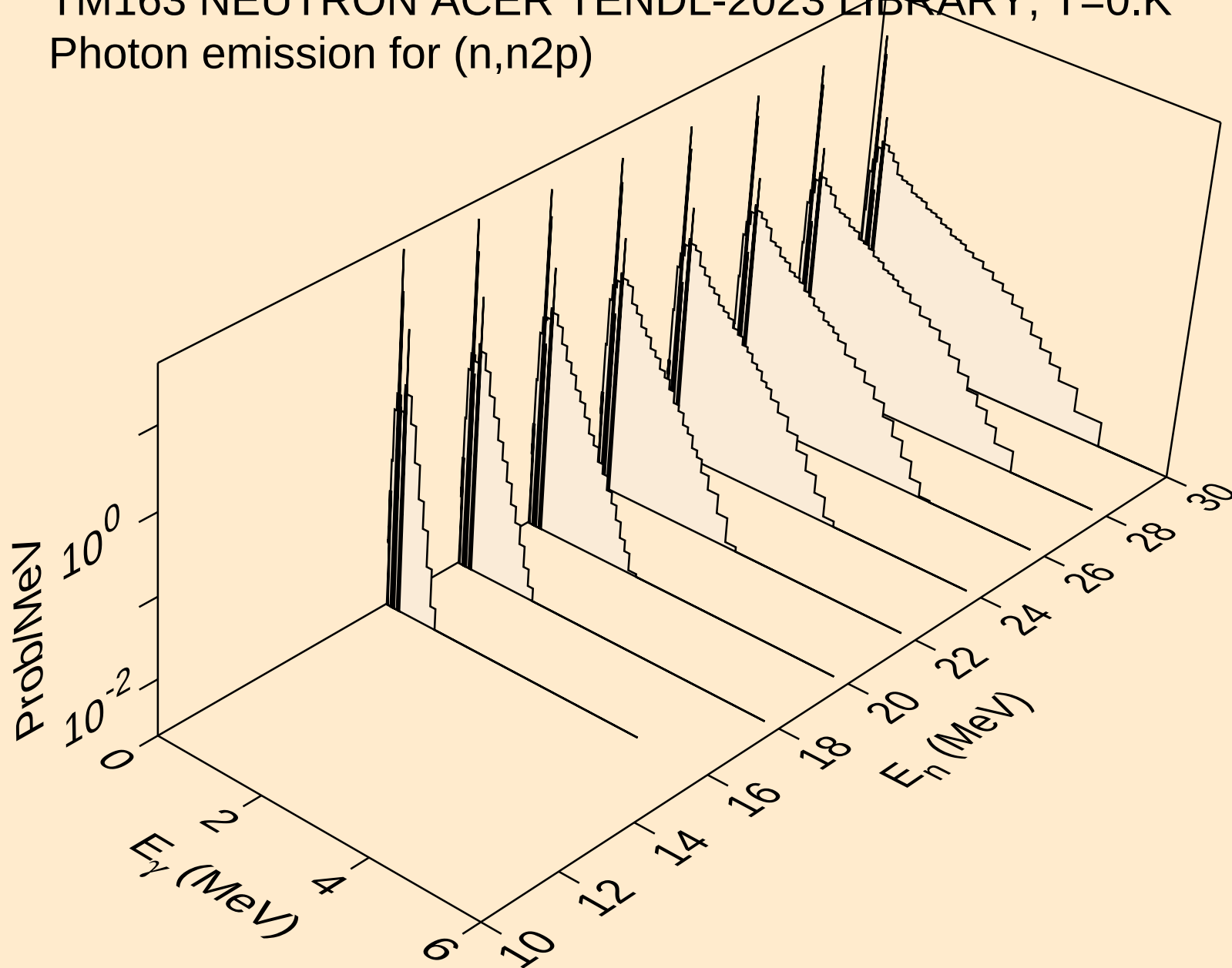
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



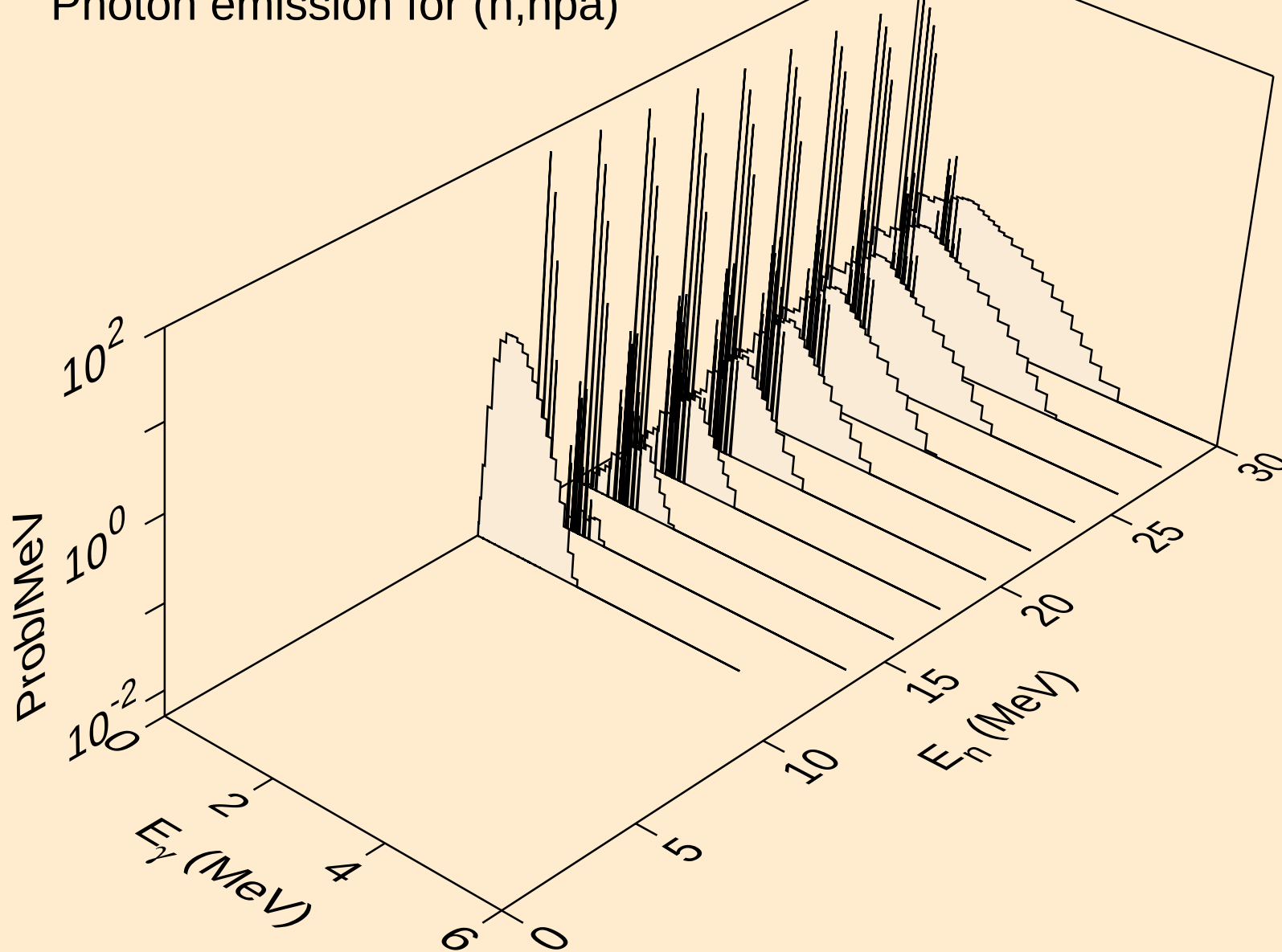
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3np)



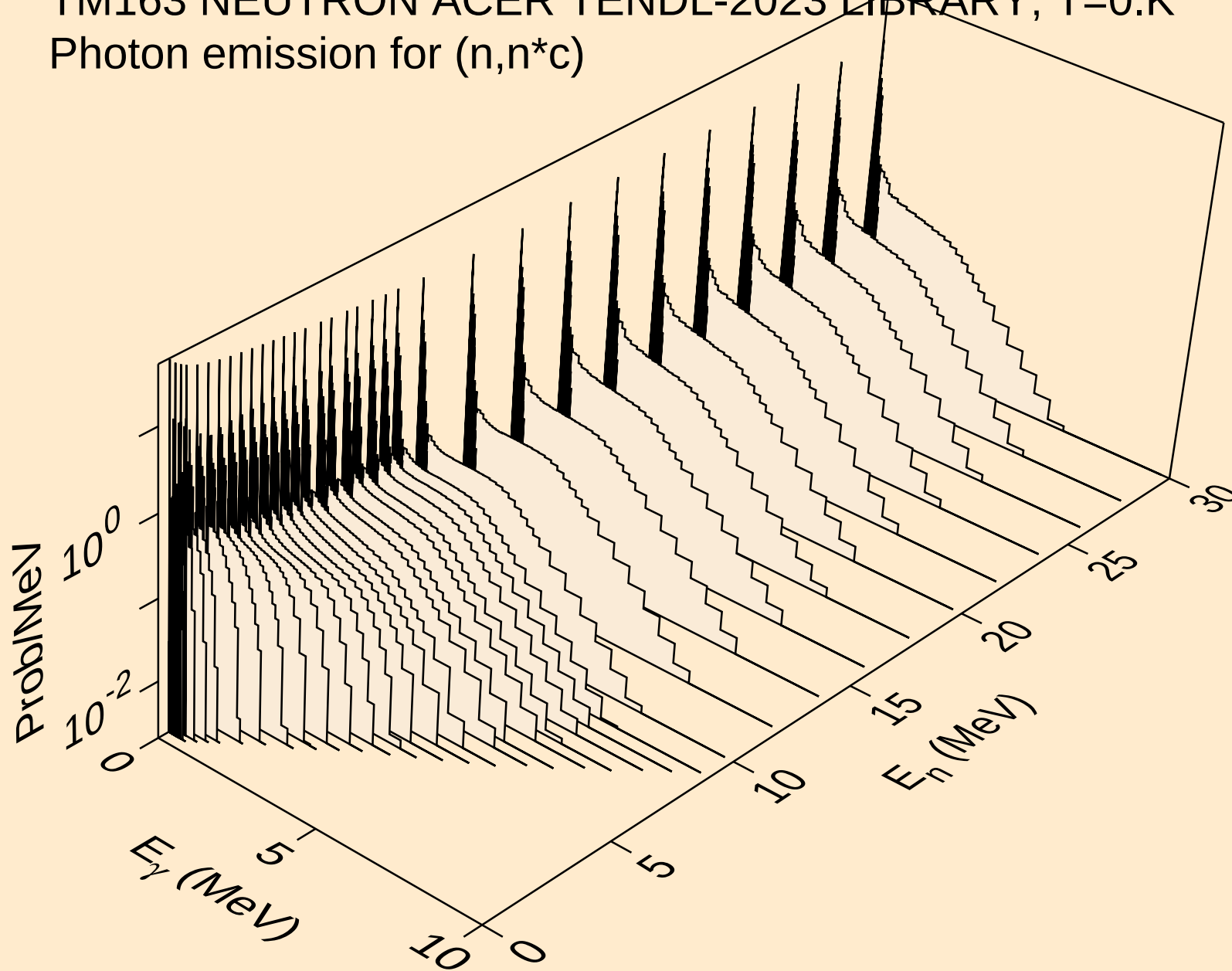
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



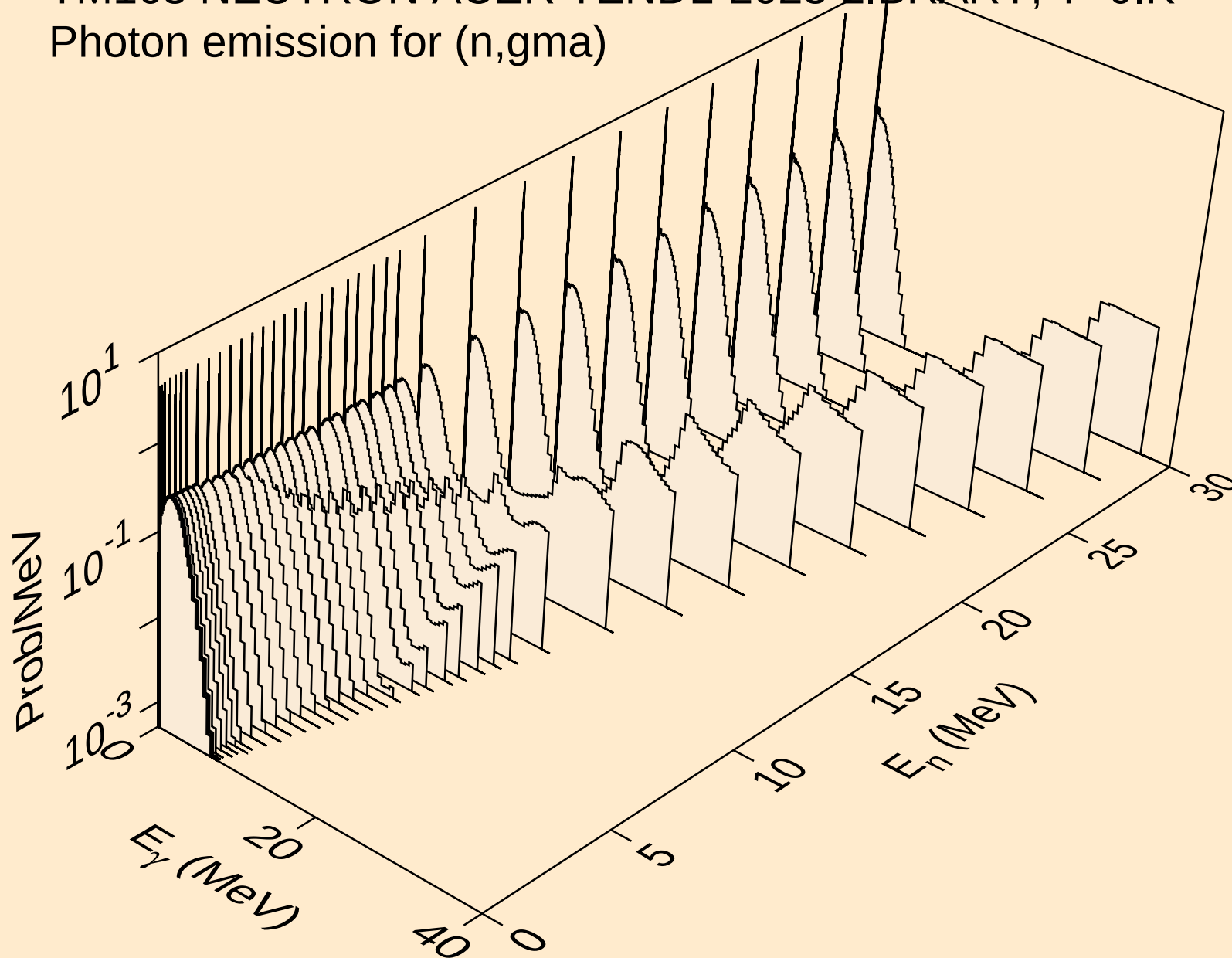
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



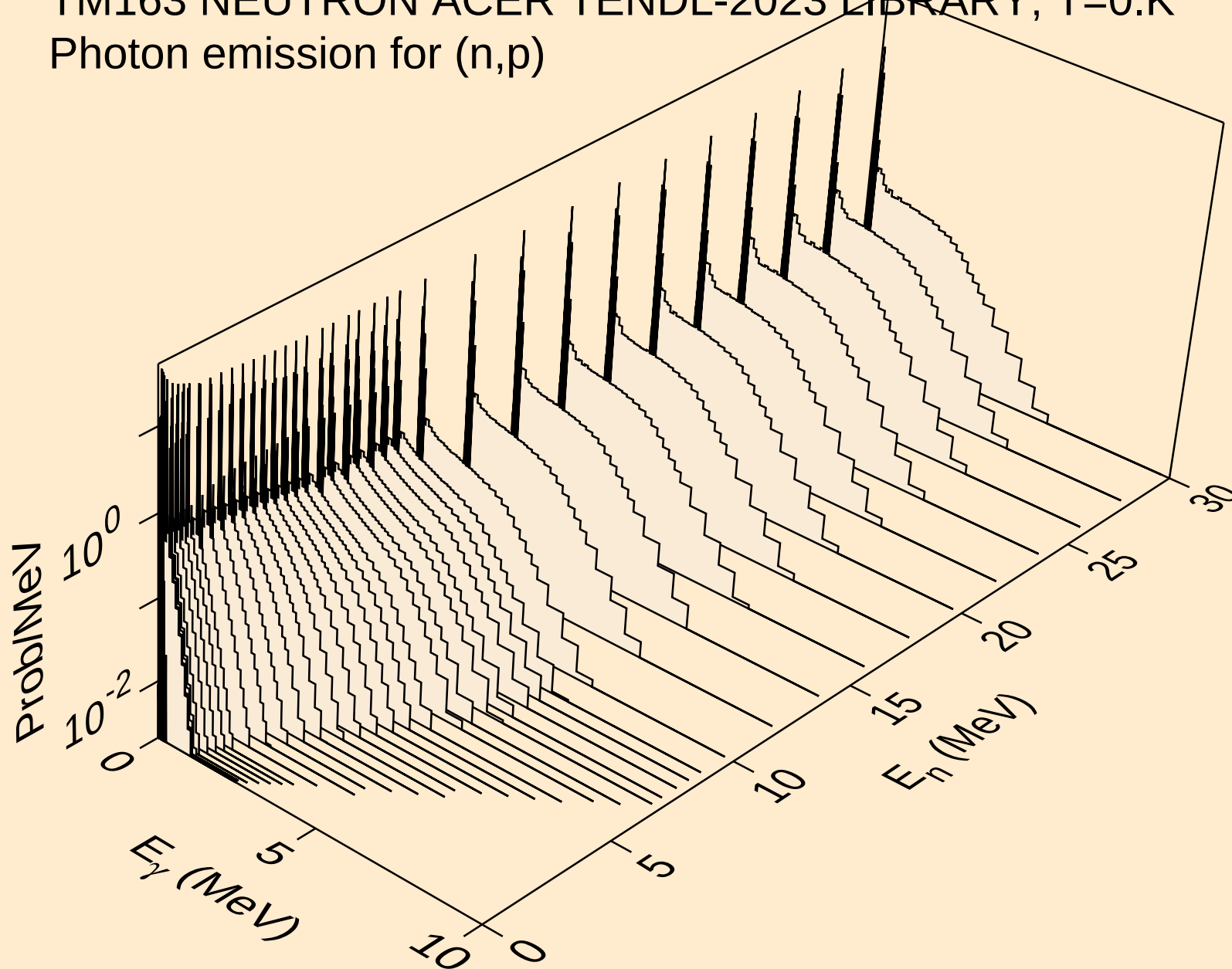
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*c)



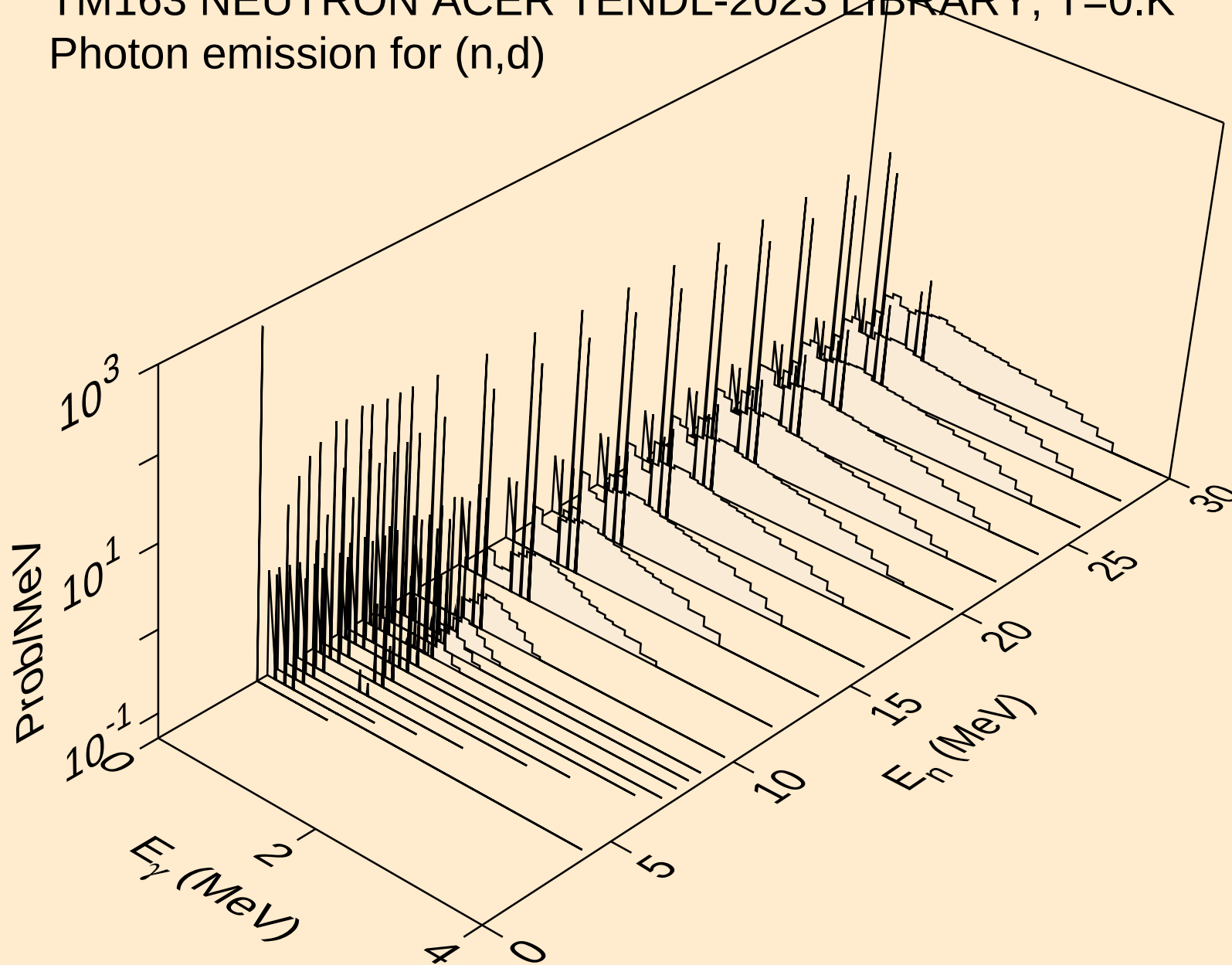
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



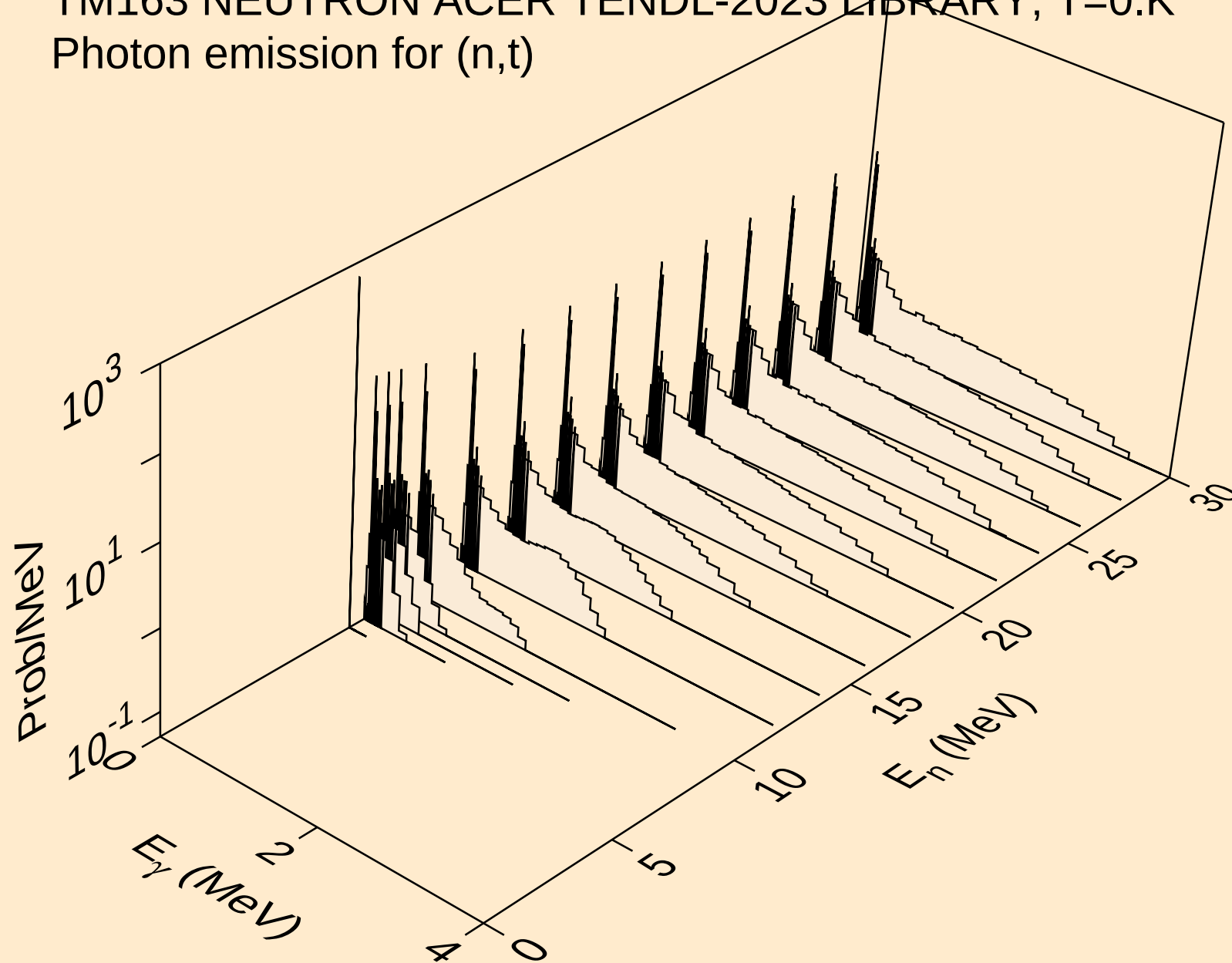
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



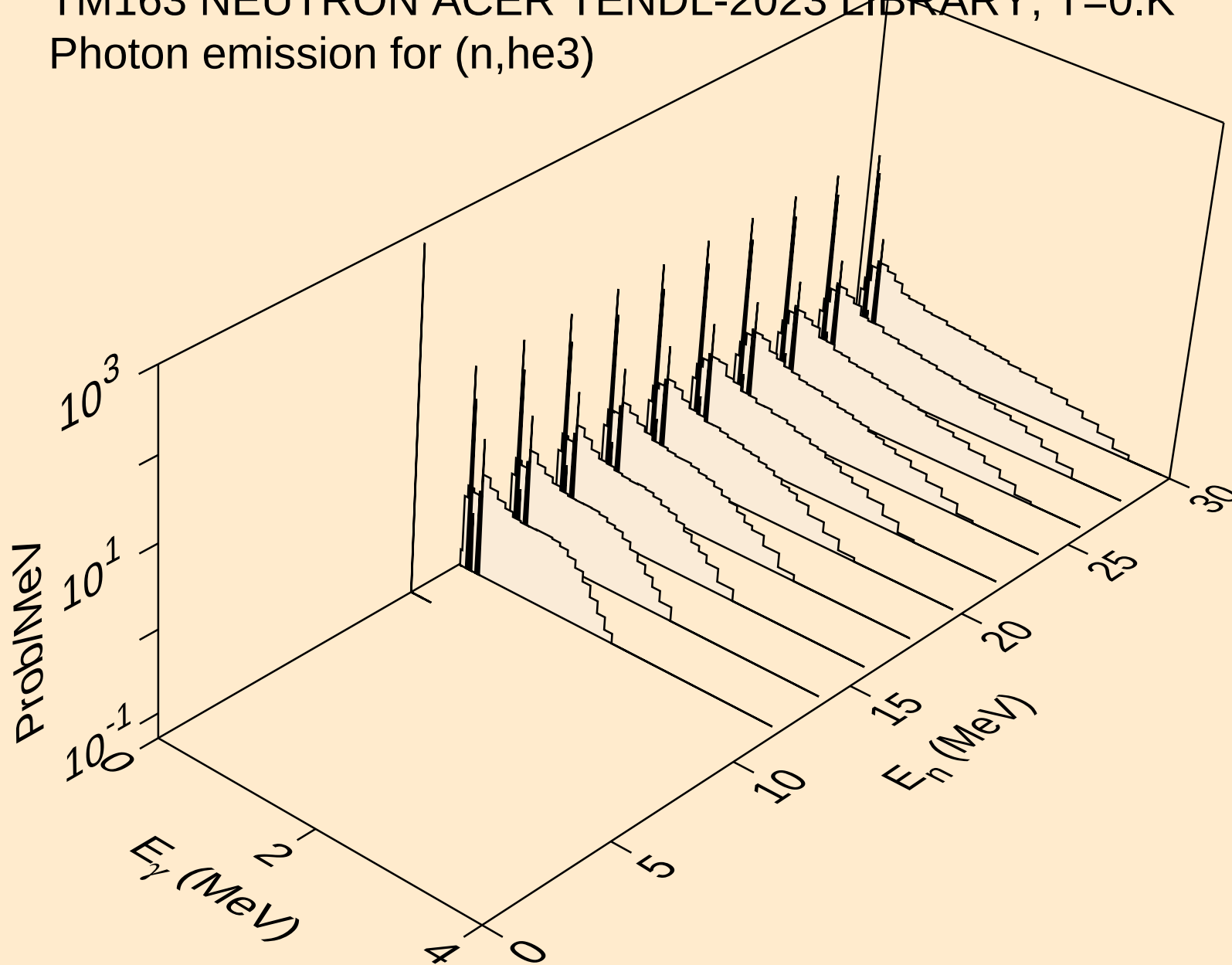
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



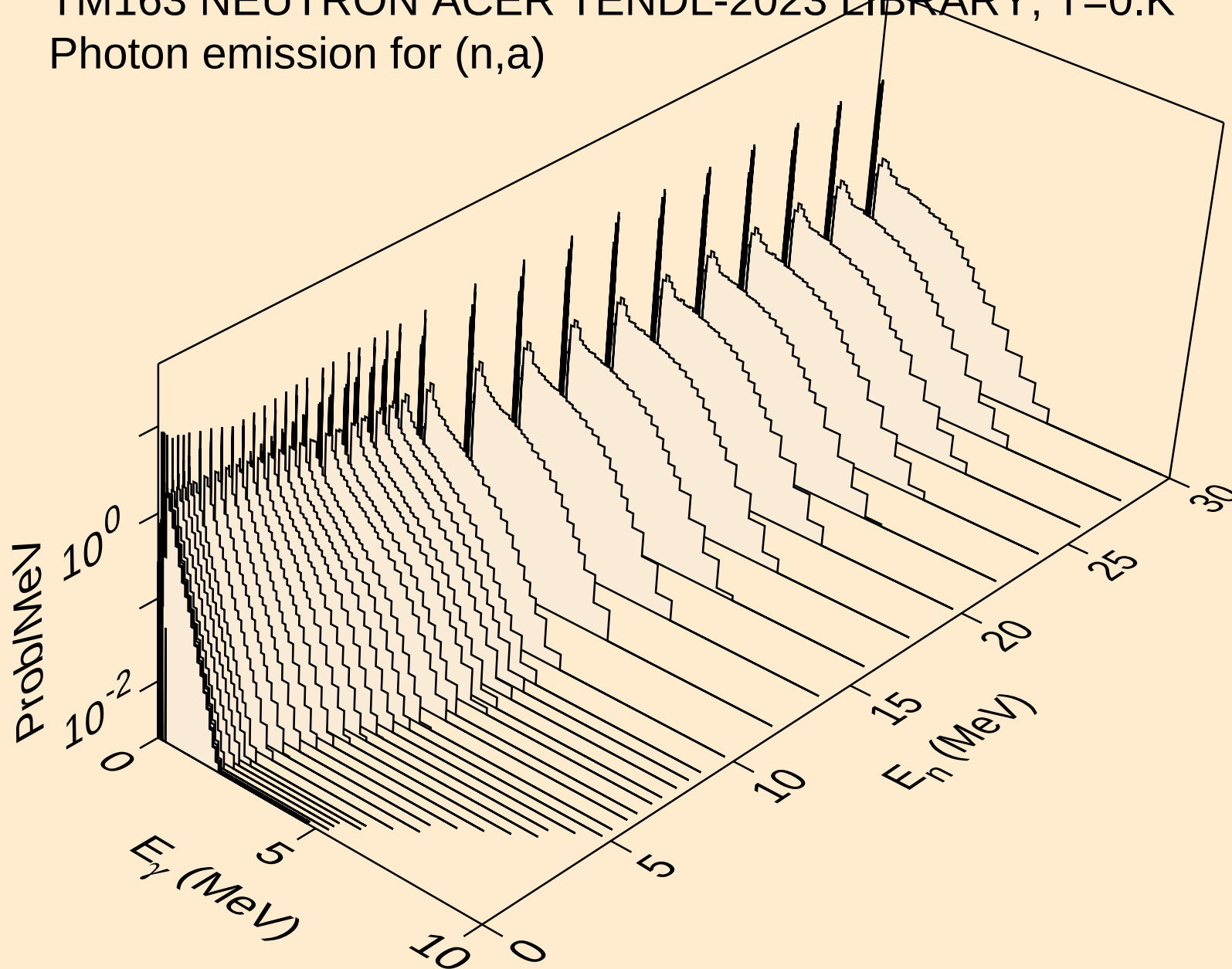
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



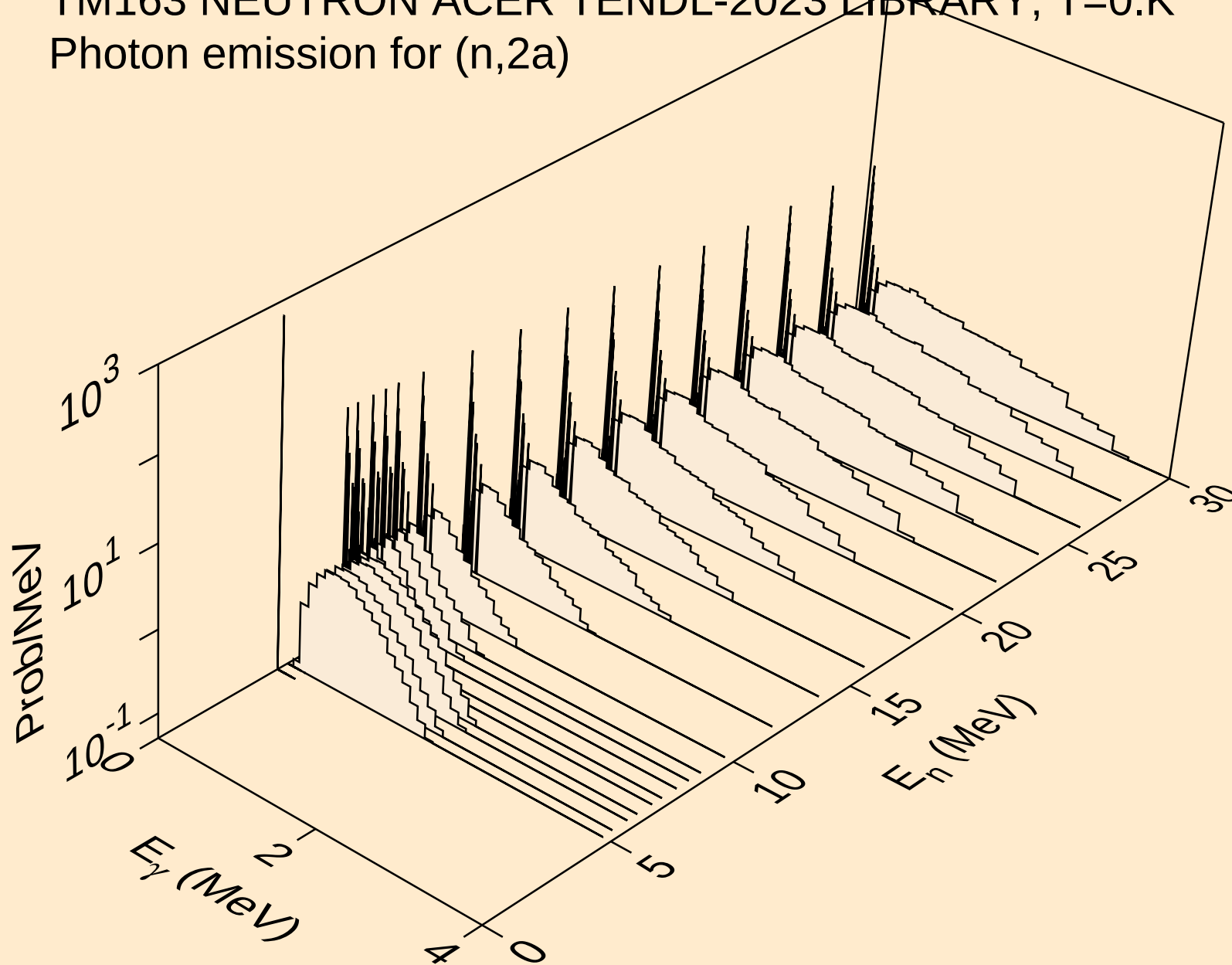
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



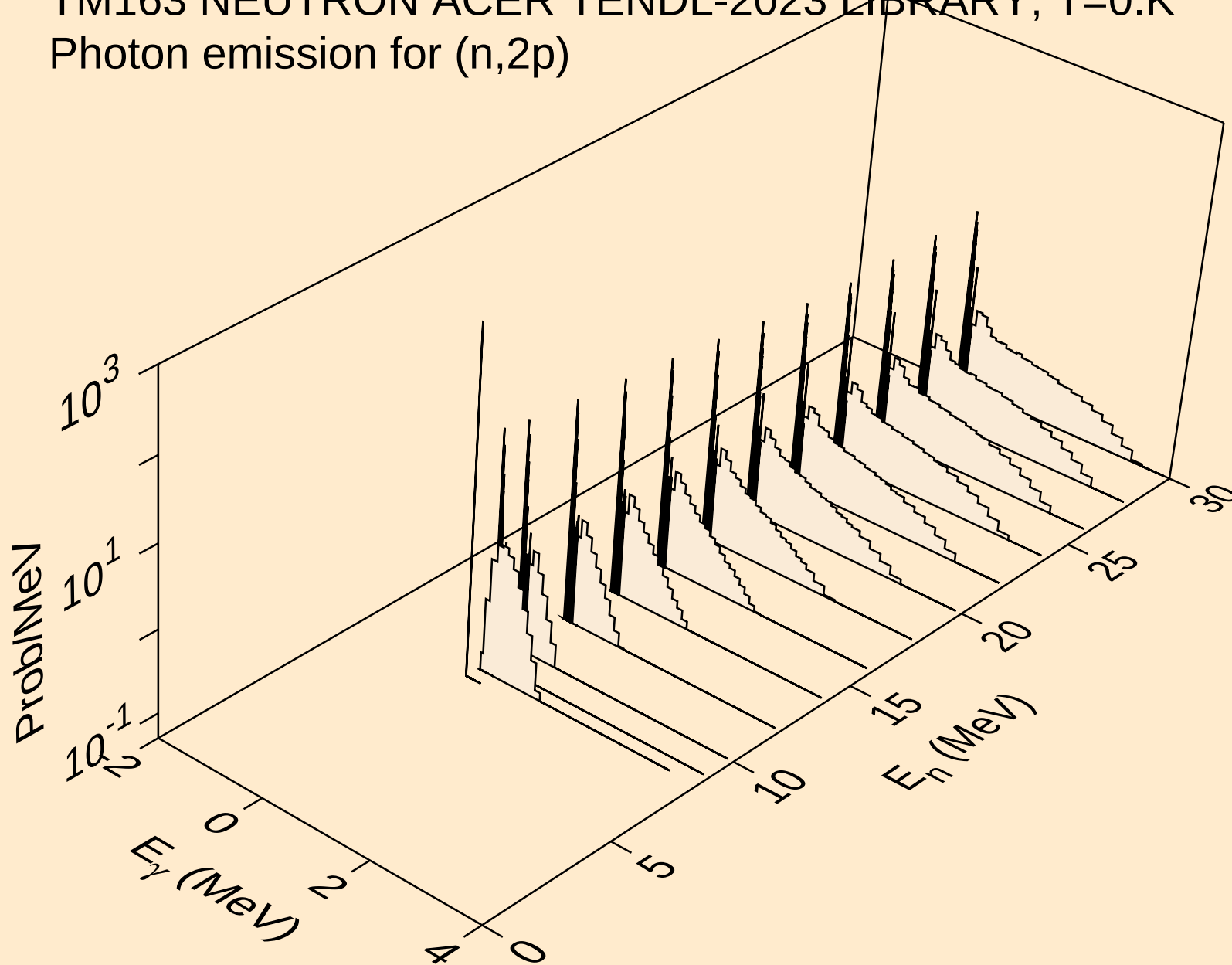
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,a)



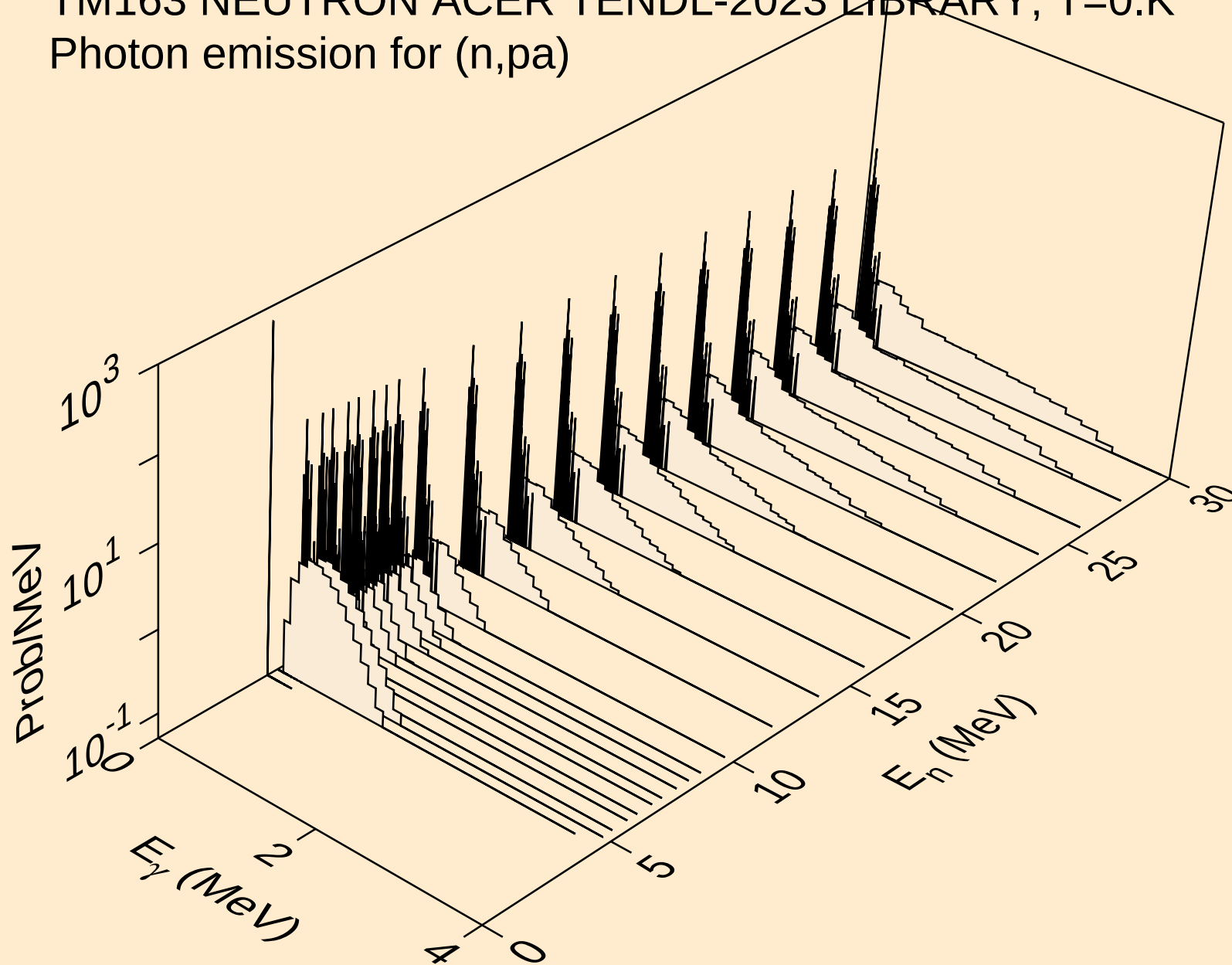
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



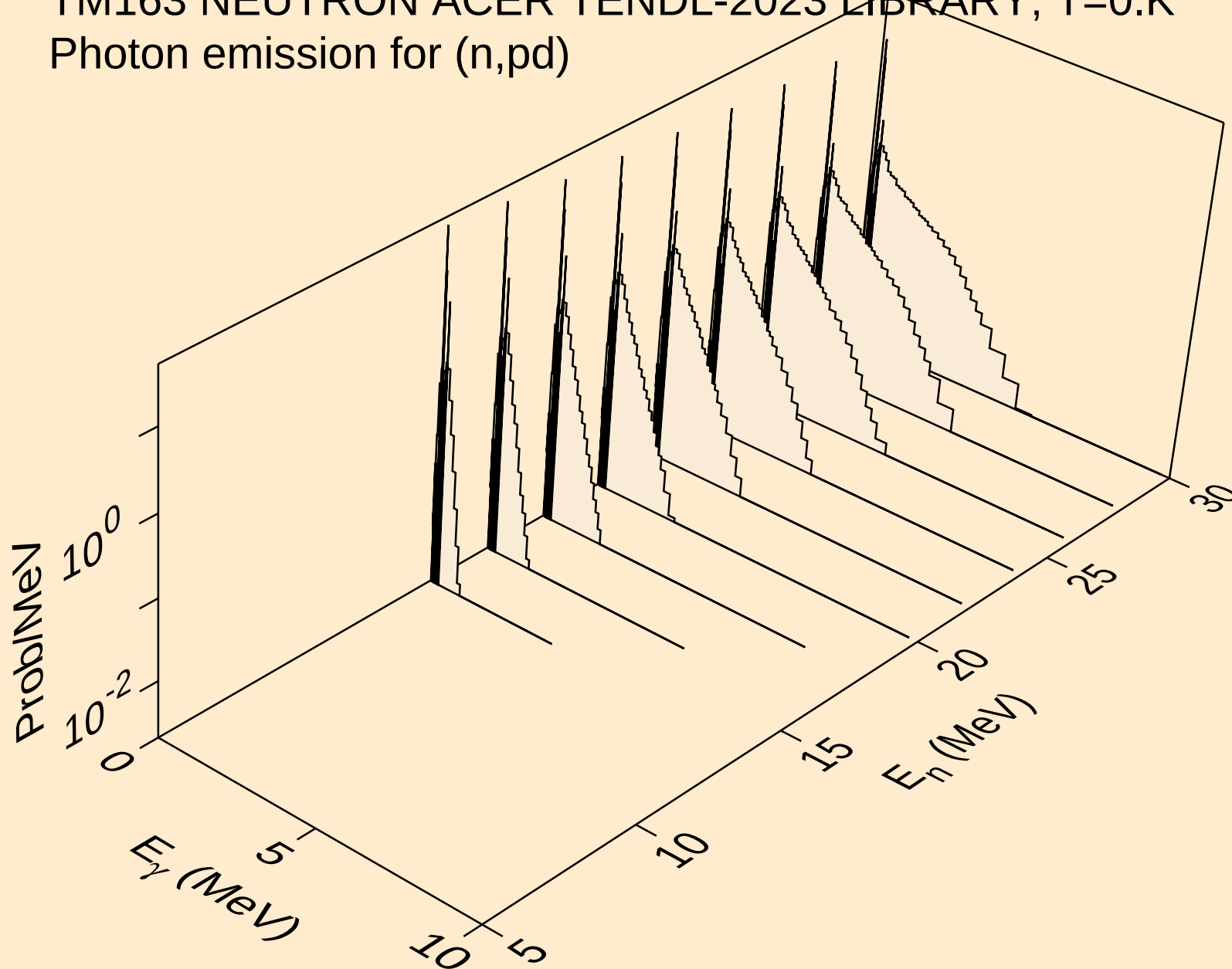
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



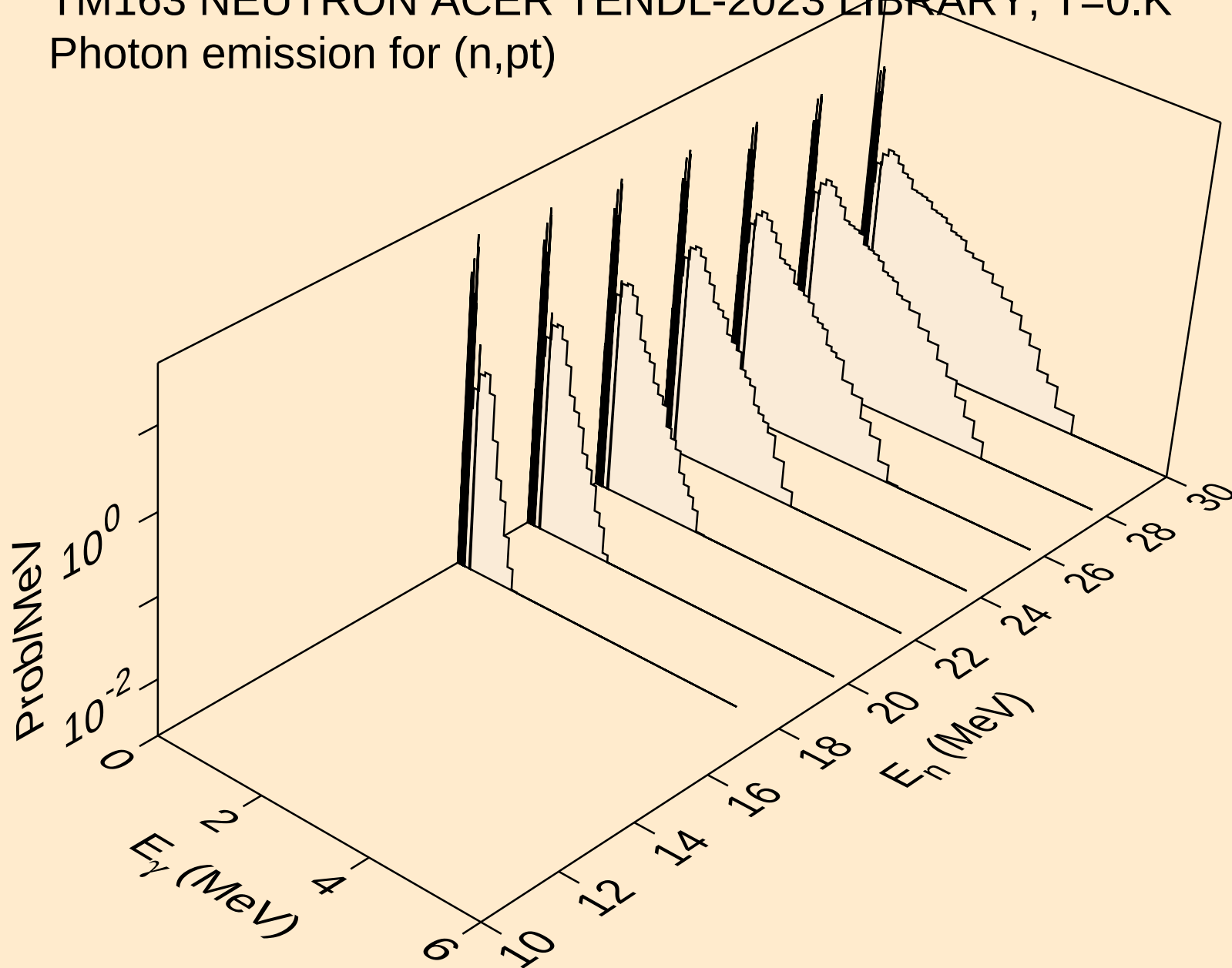
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p α)



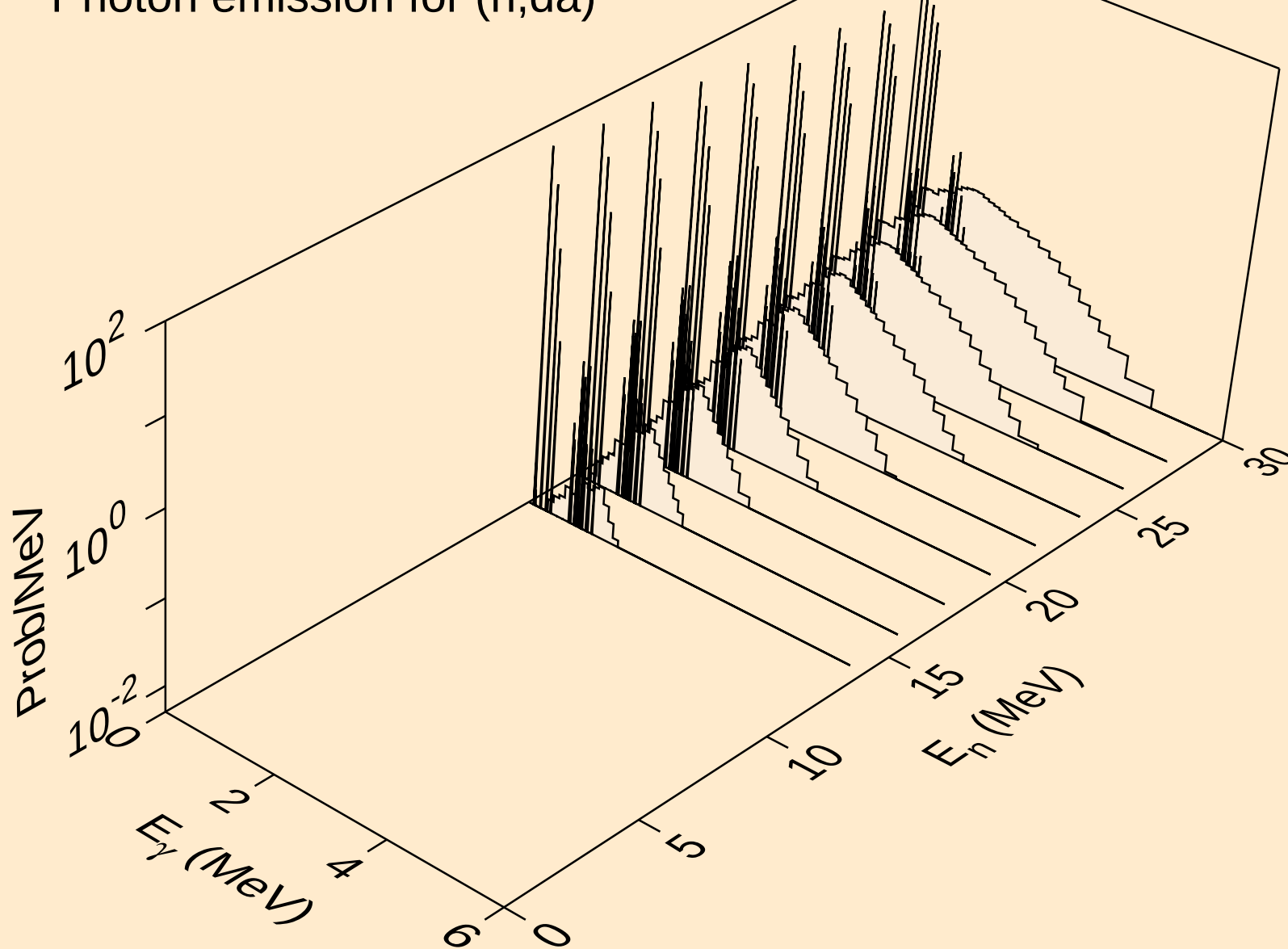
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



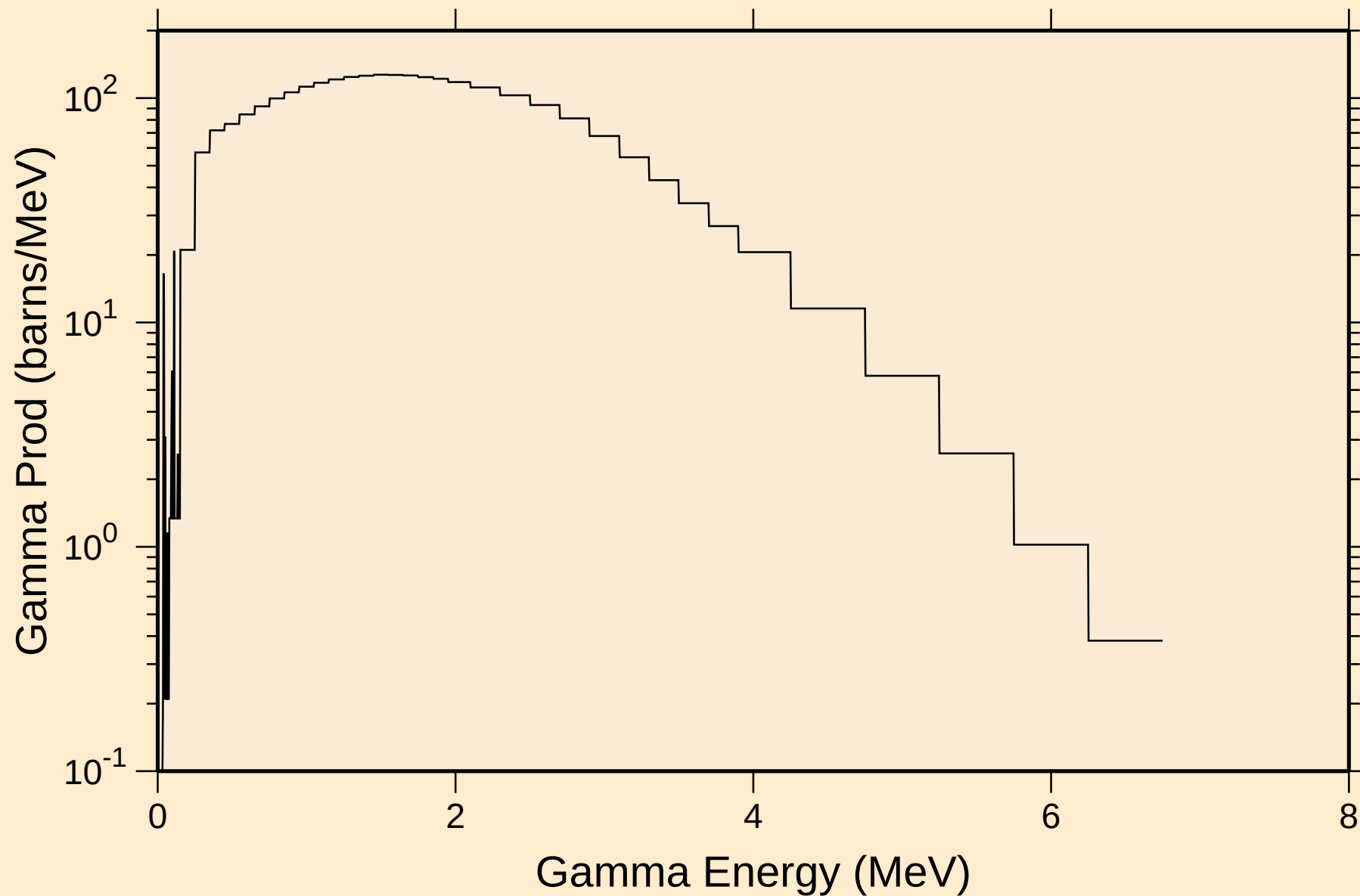
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pt)



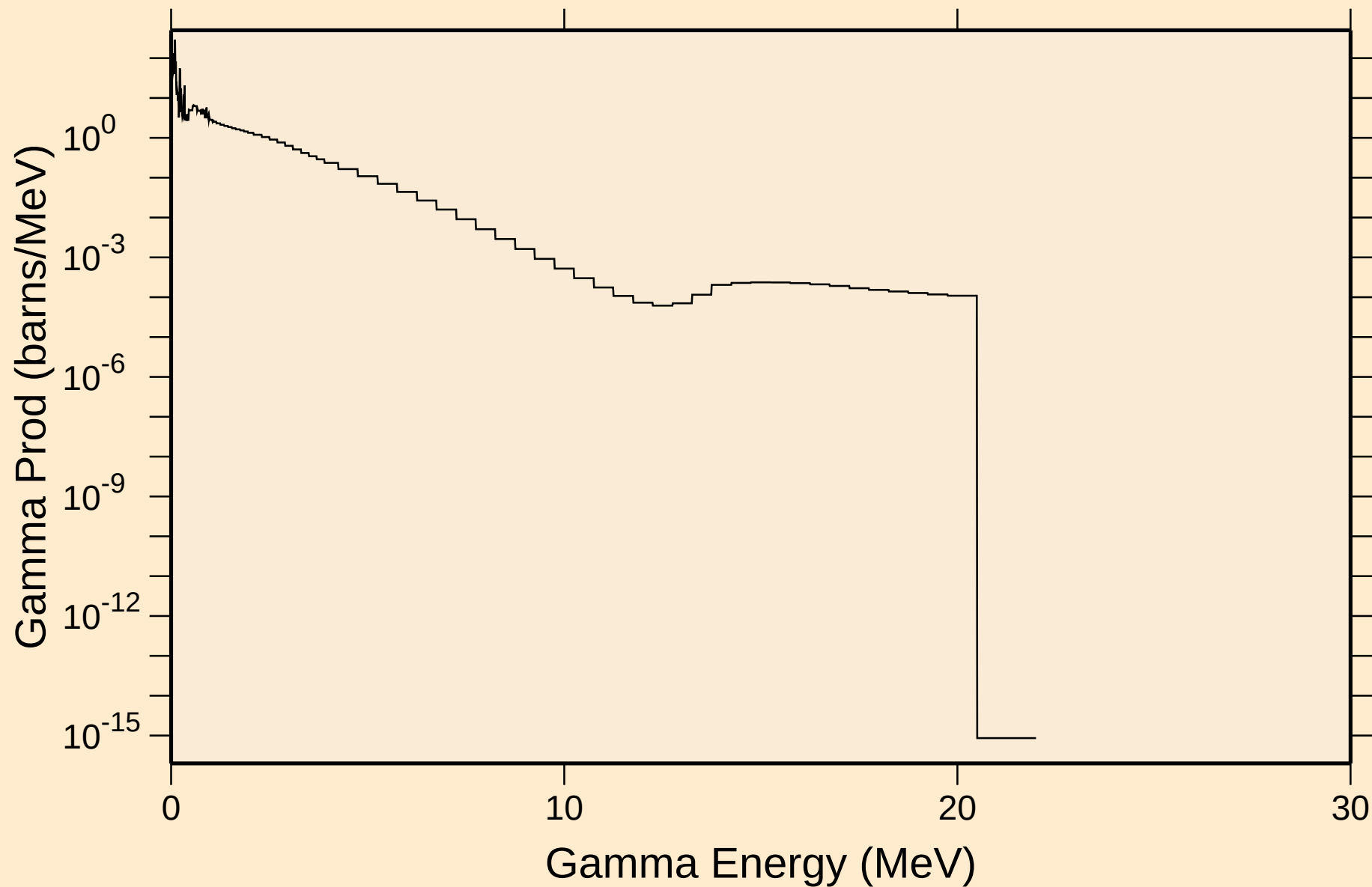
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
thermal capture photon spectrum

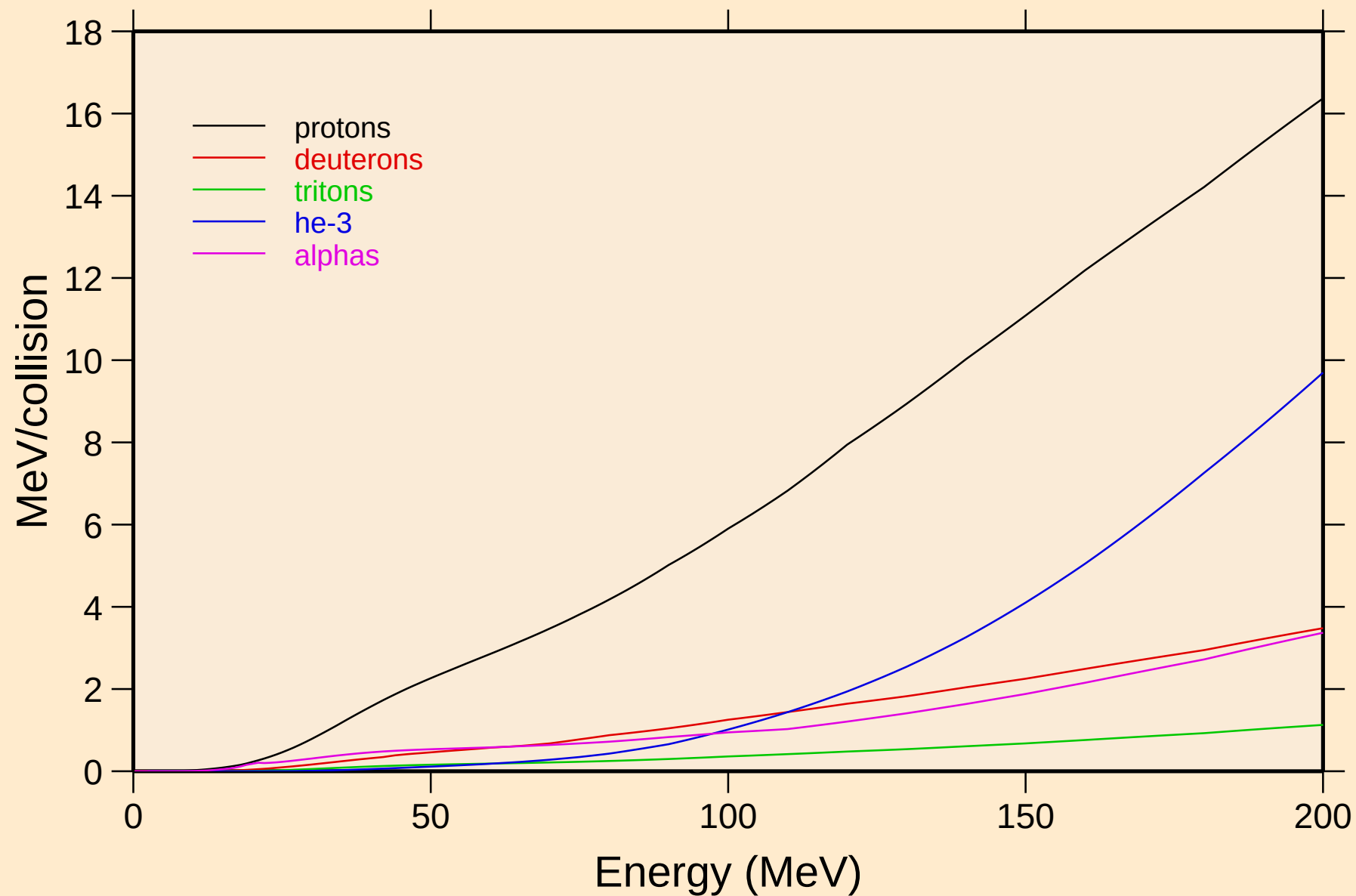


TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
14 MeV photon spectrum

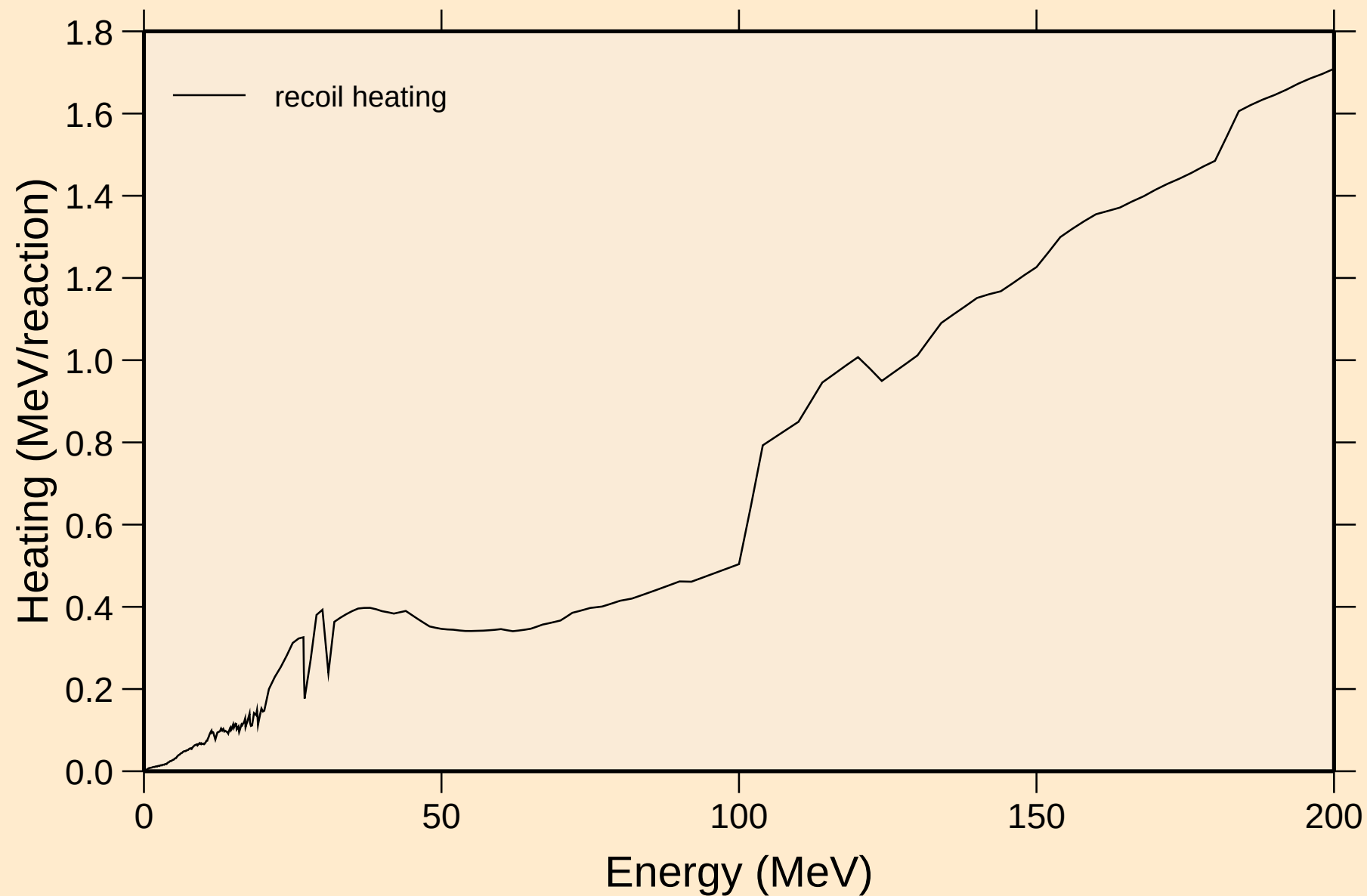


TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K

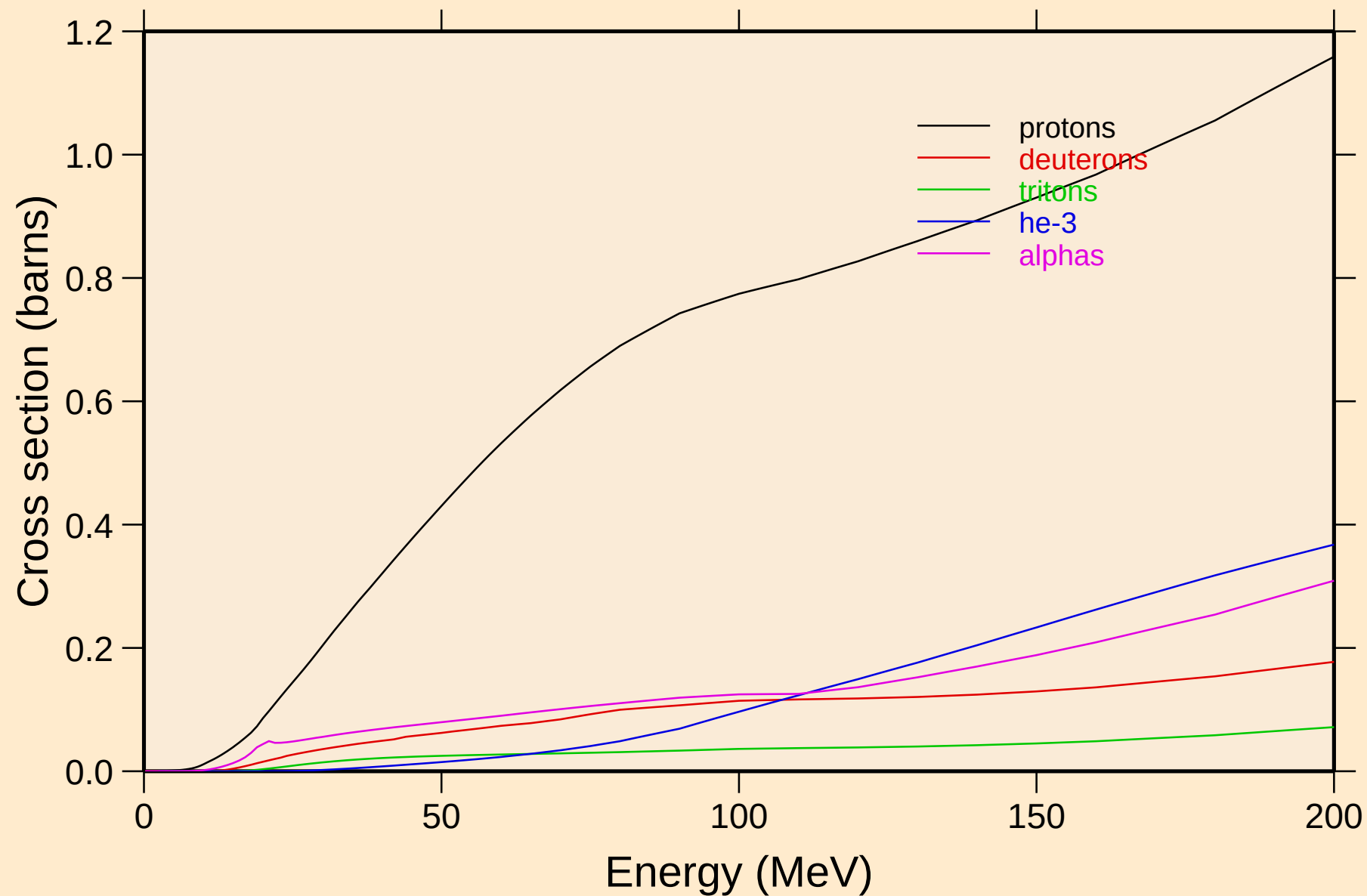
Particle heating contributions



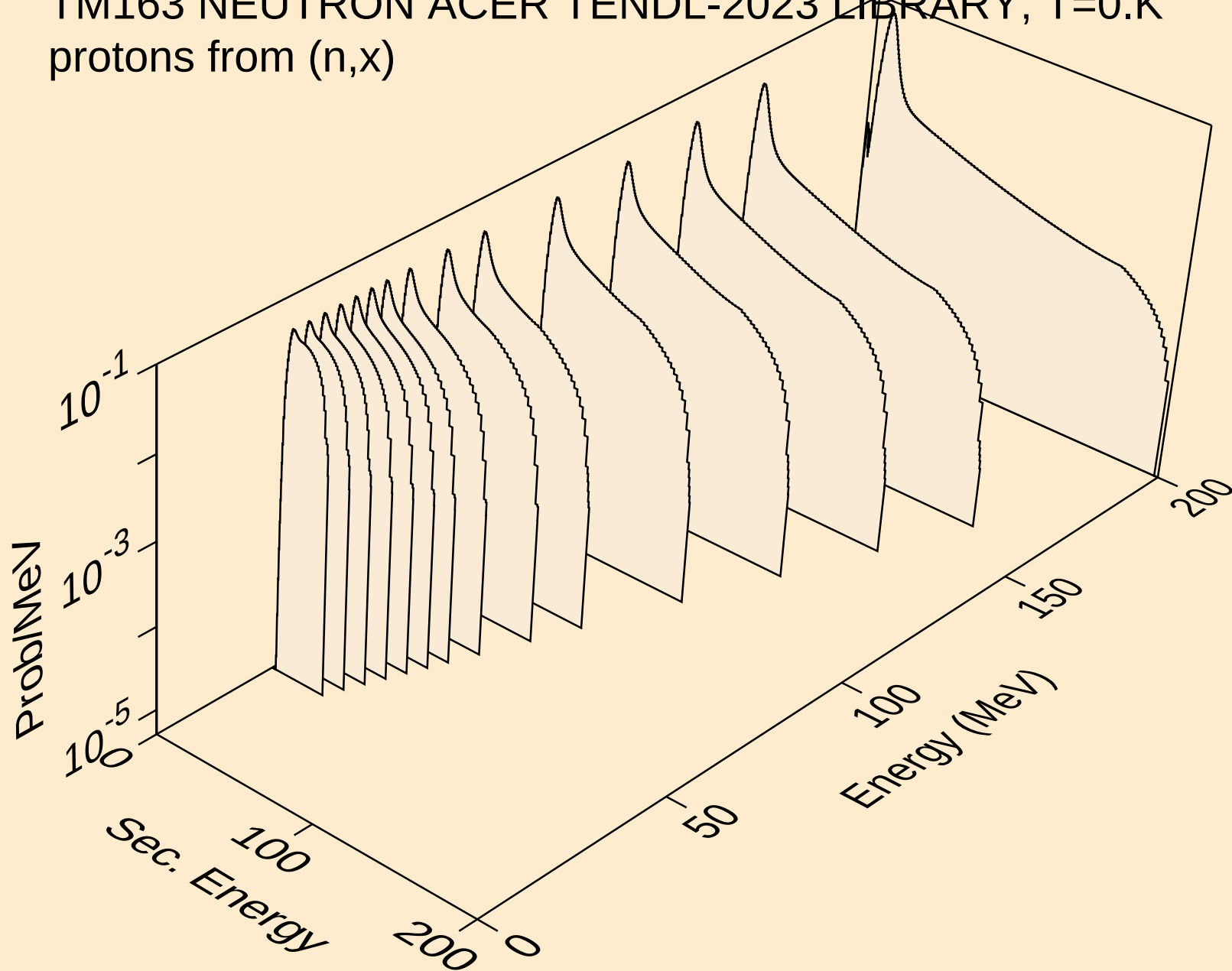
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating



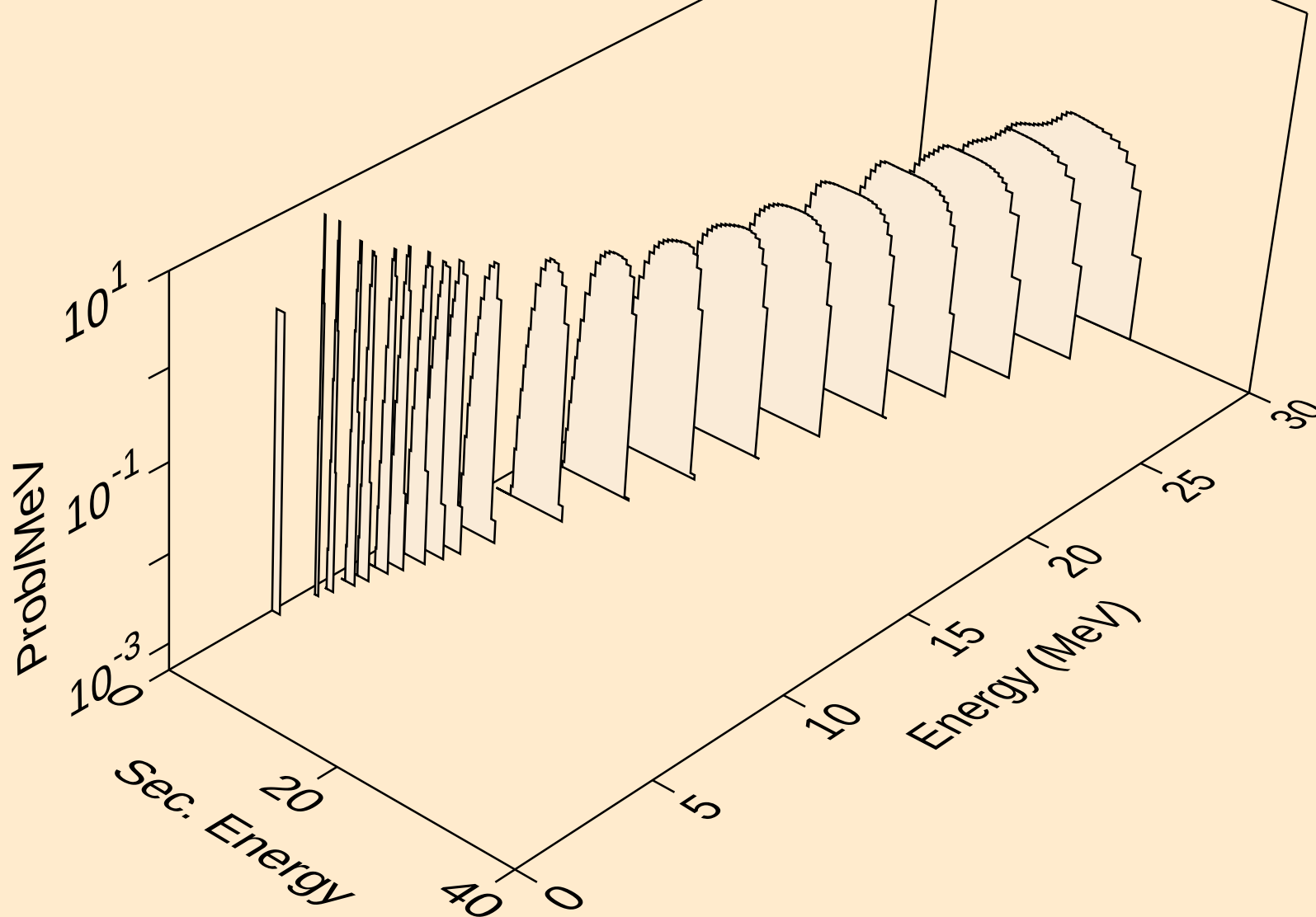
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
Particle production cross sections



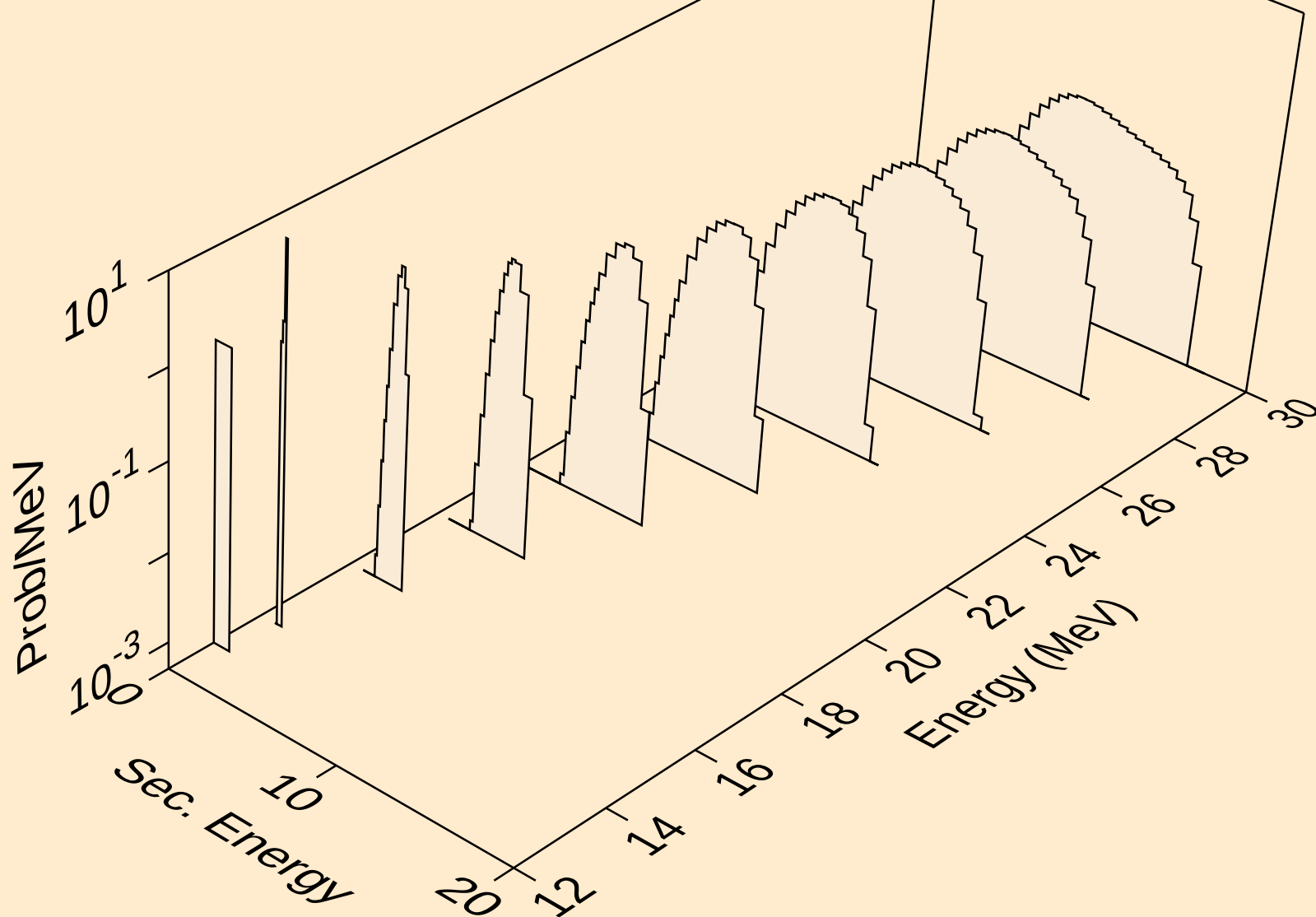
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,x)



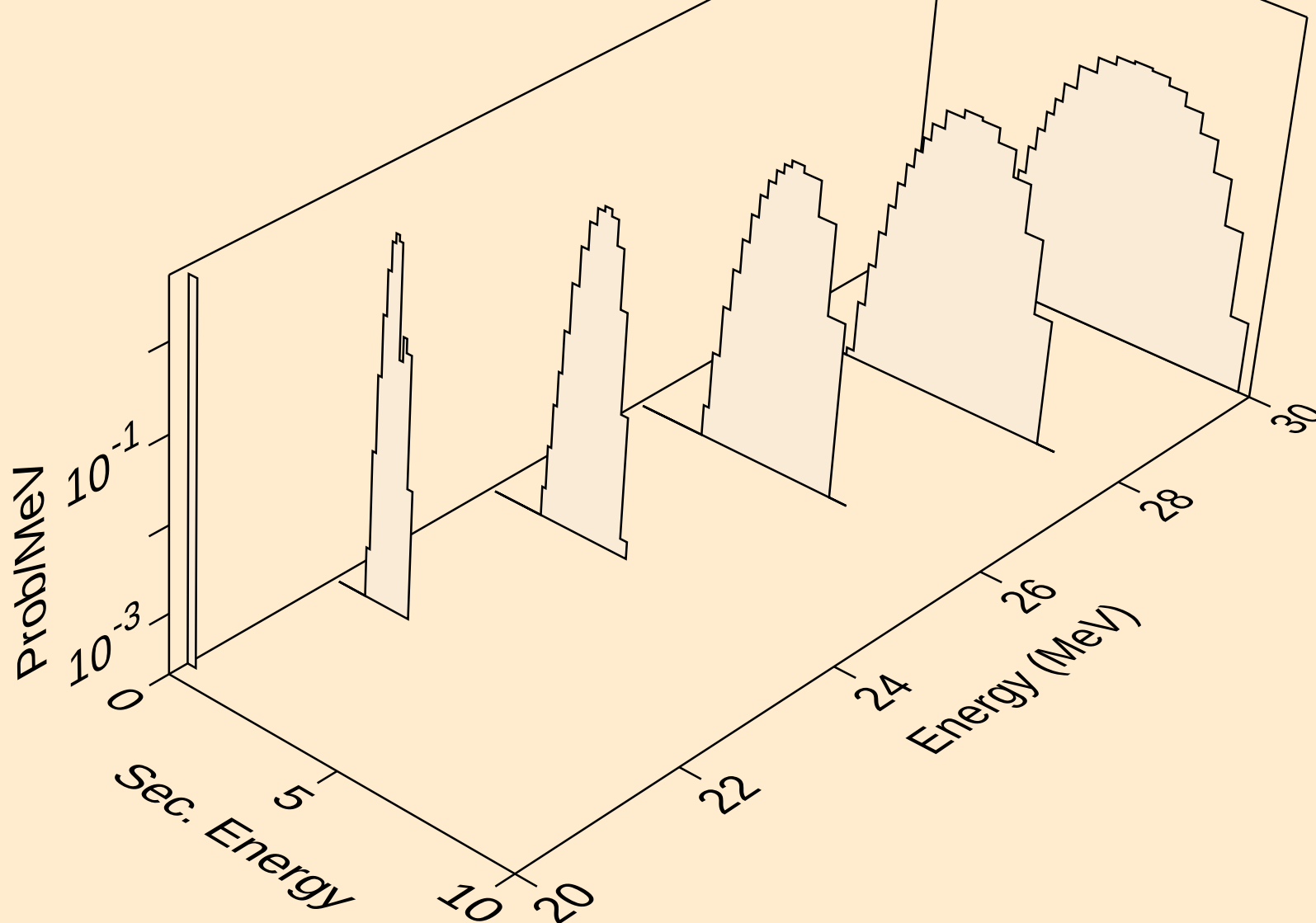
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n*)p



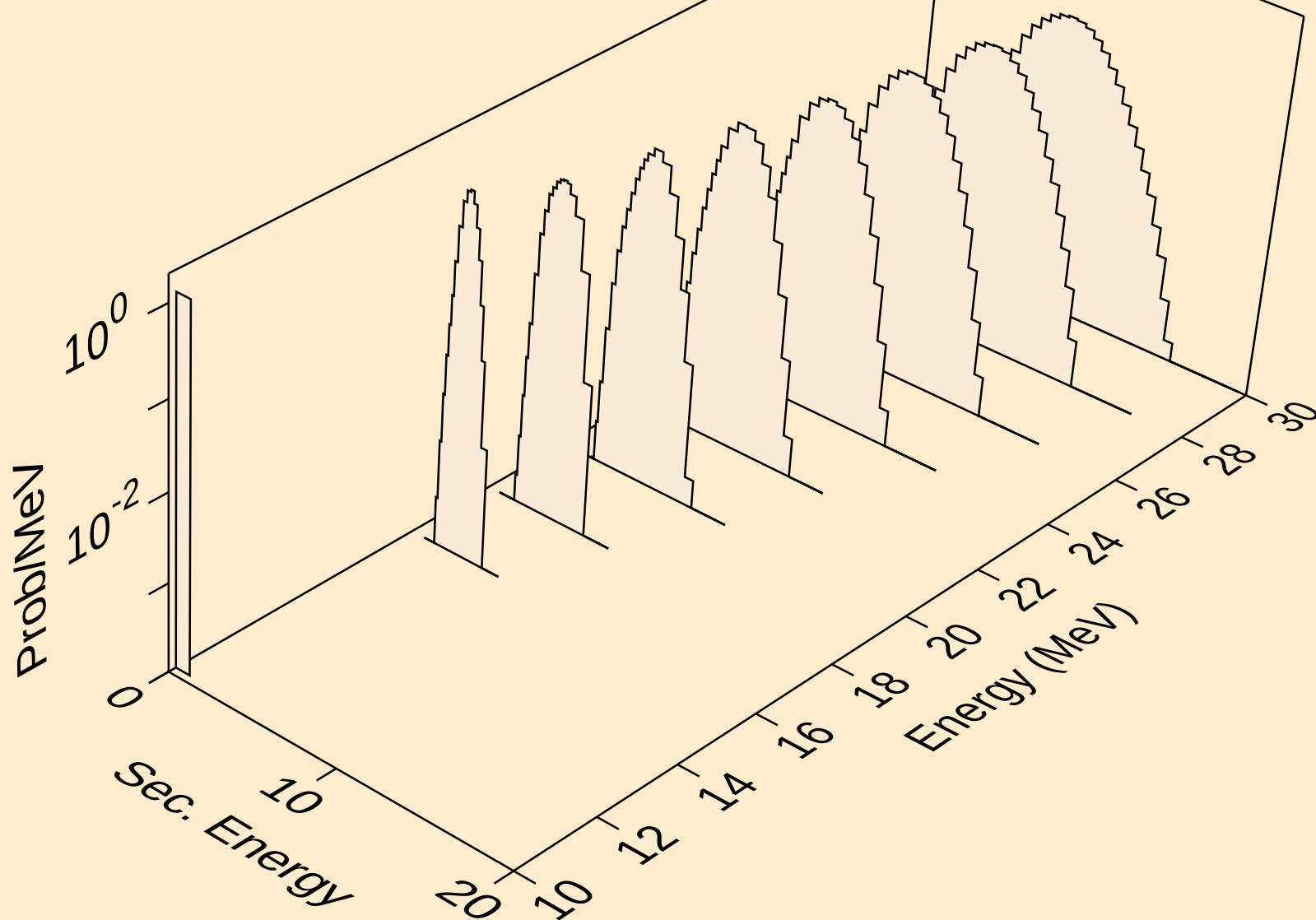
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2np)



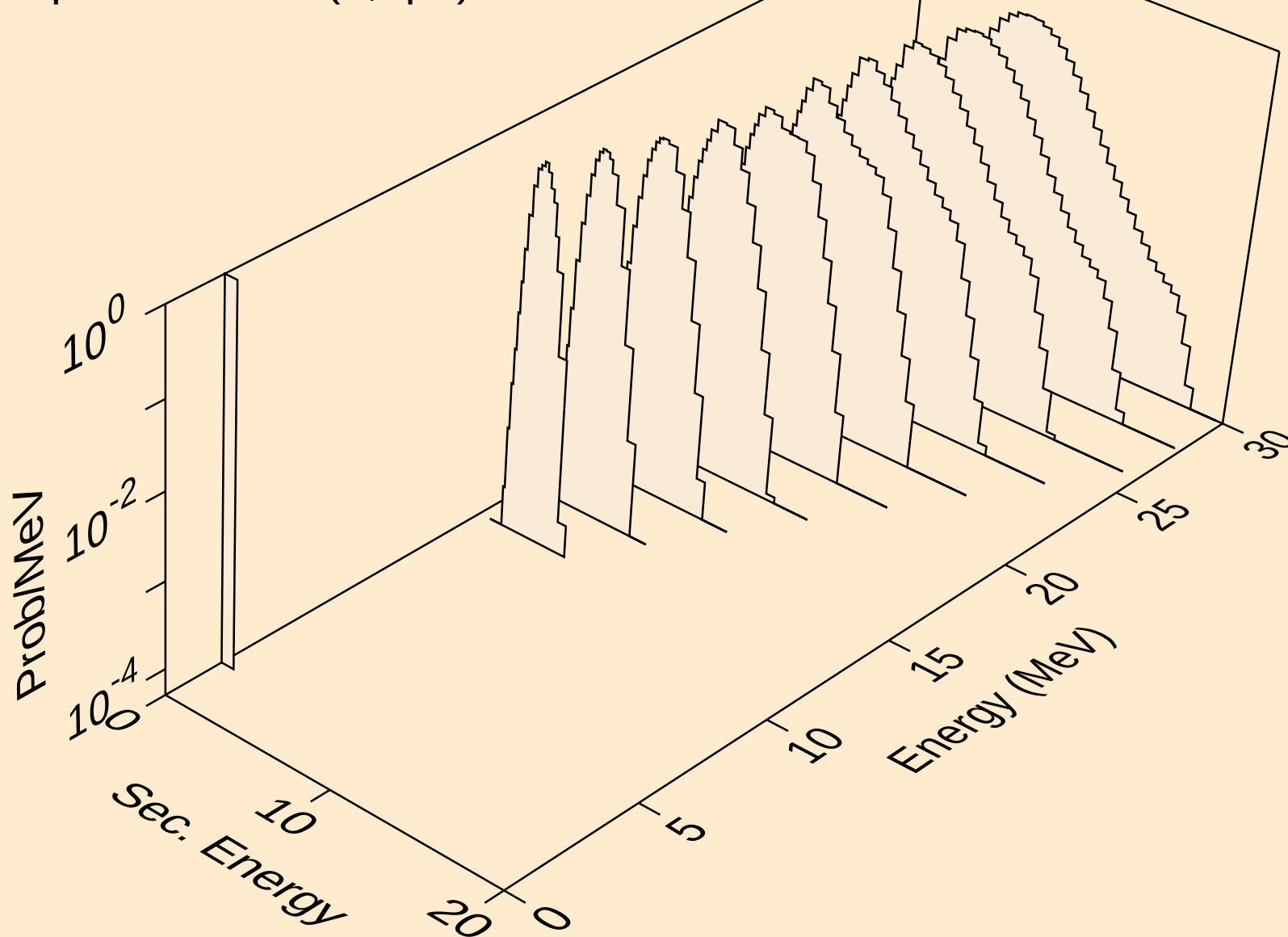
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,3np)



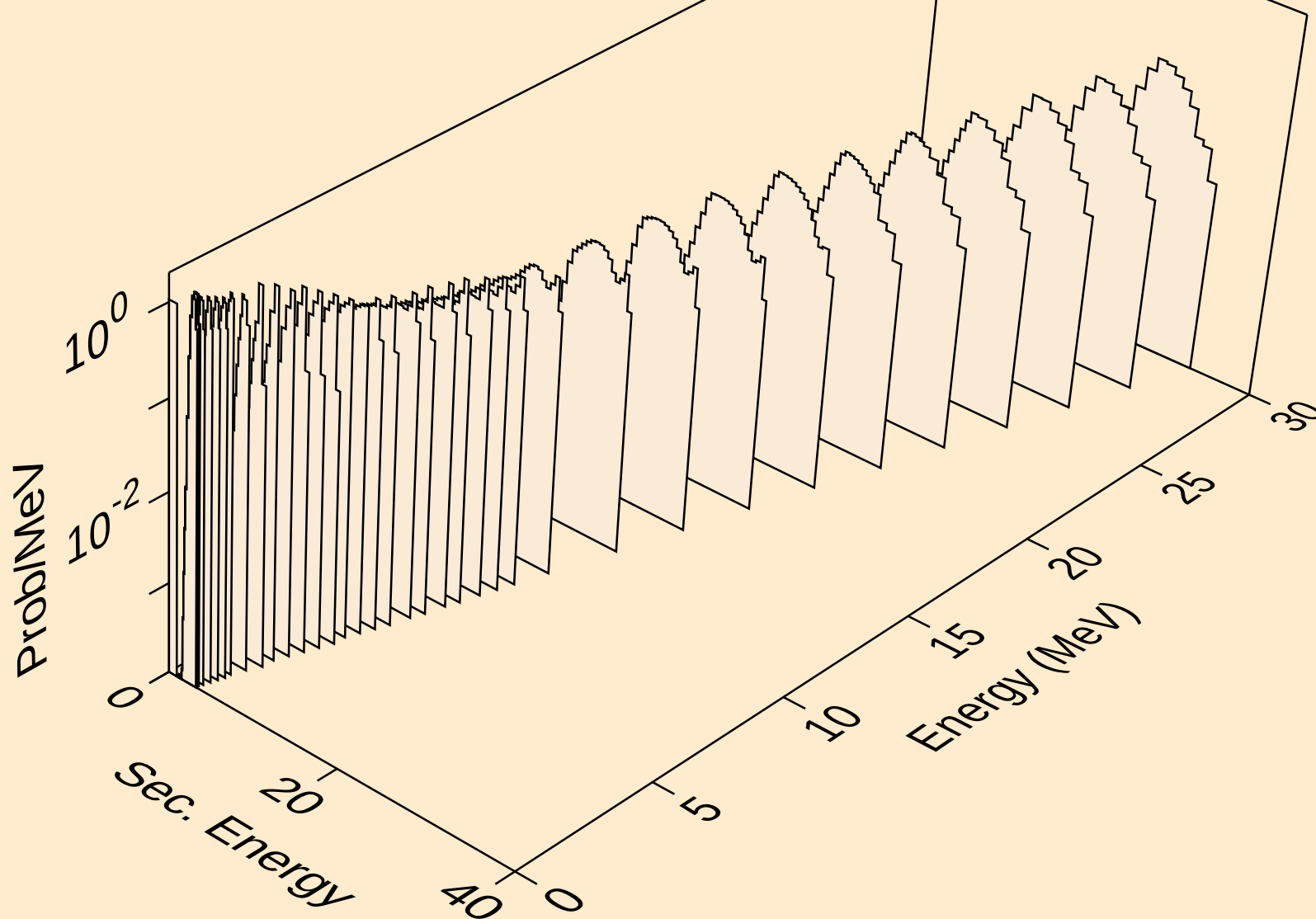
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,n2p)



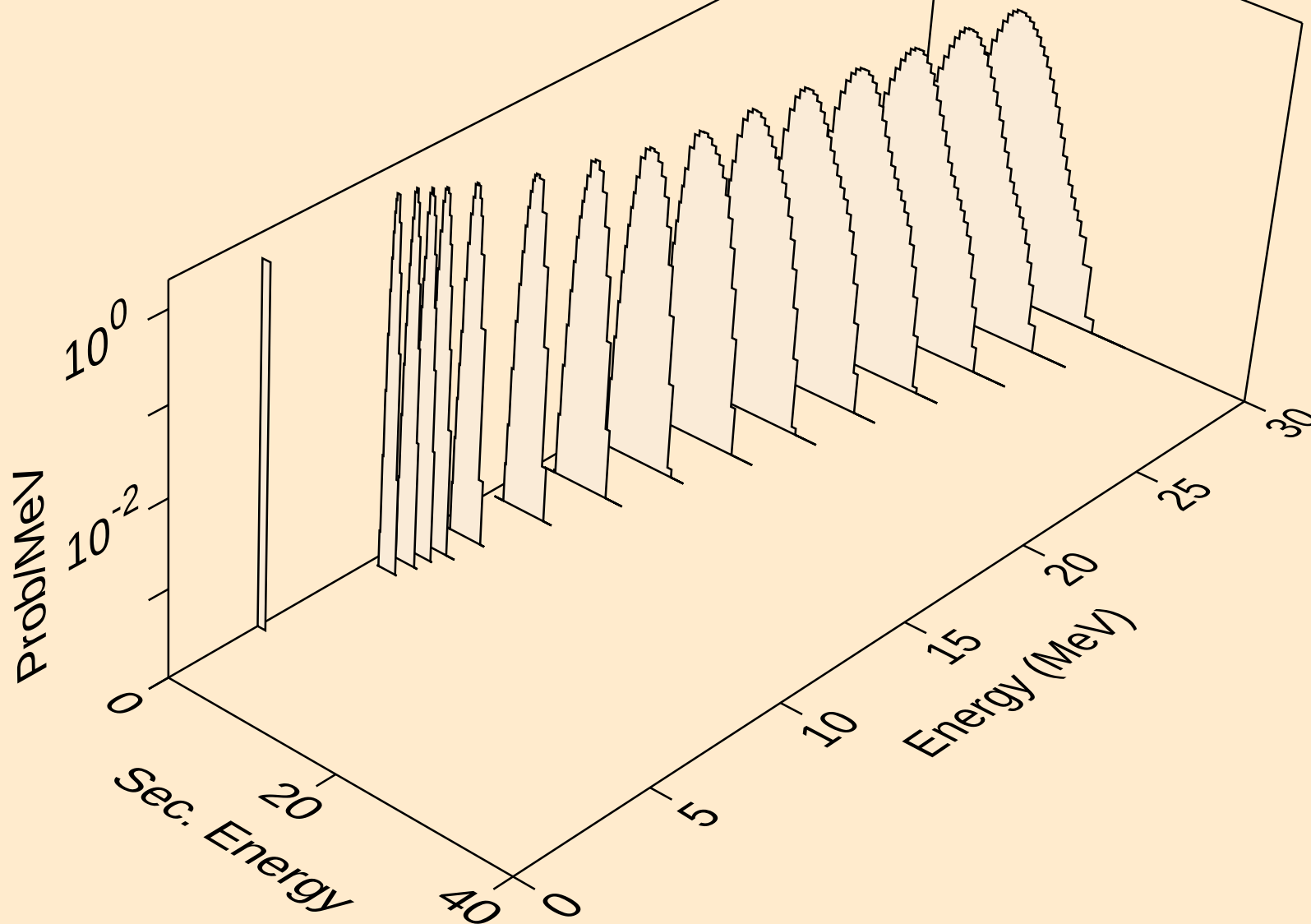
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,npa)



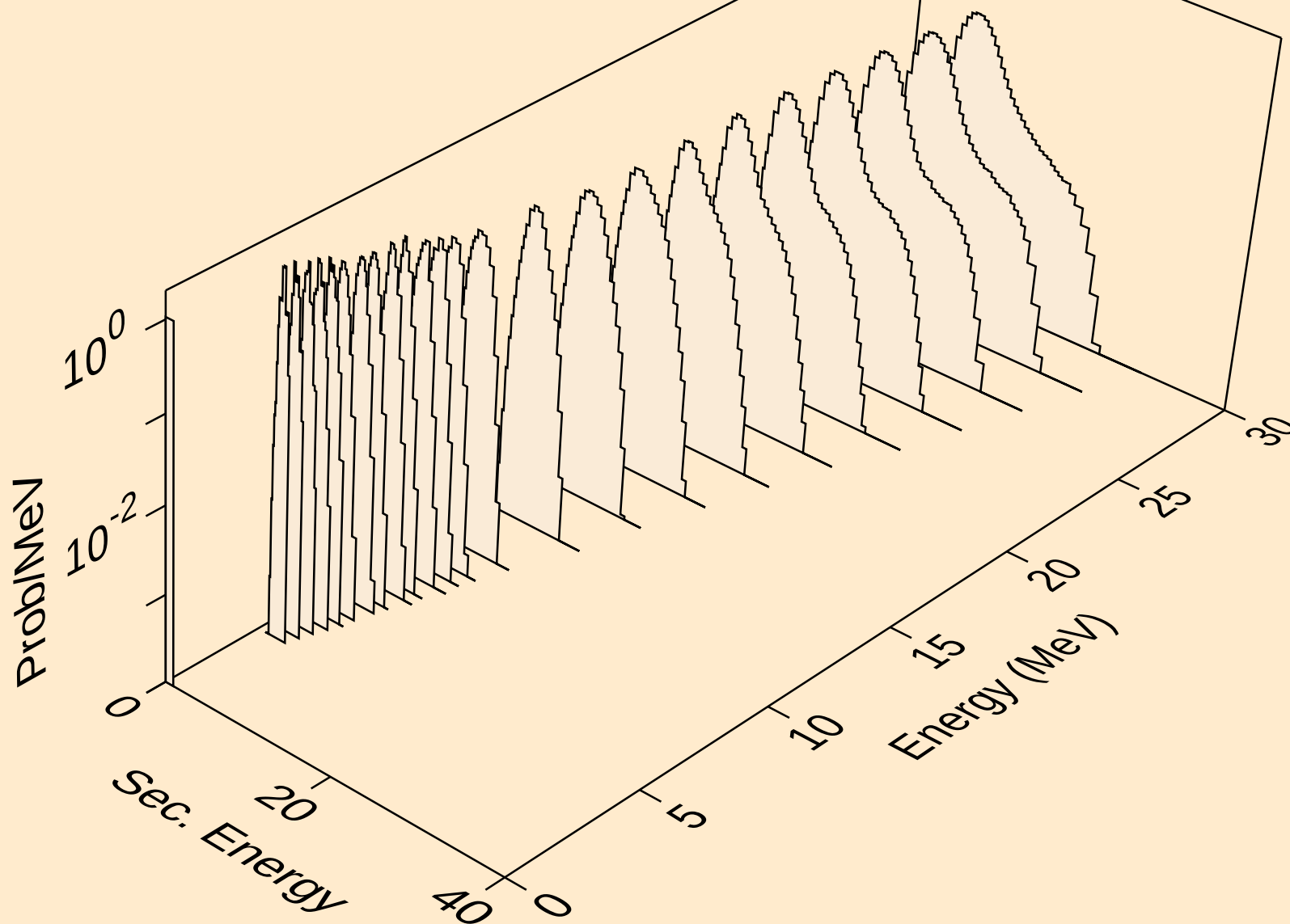
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



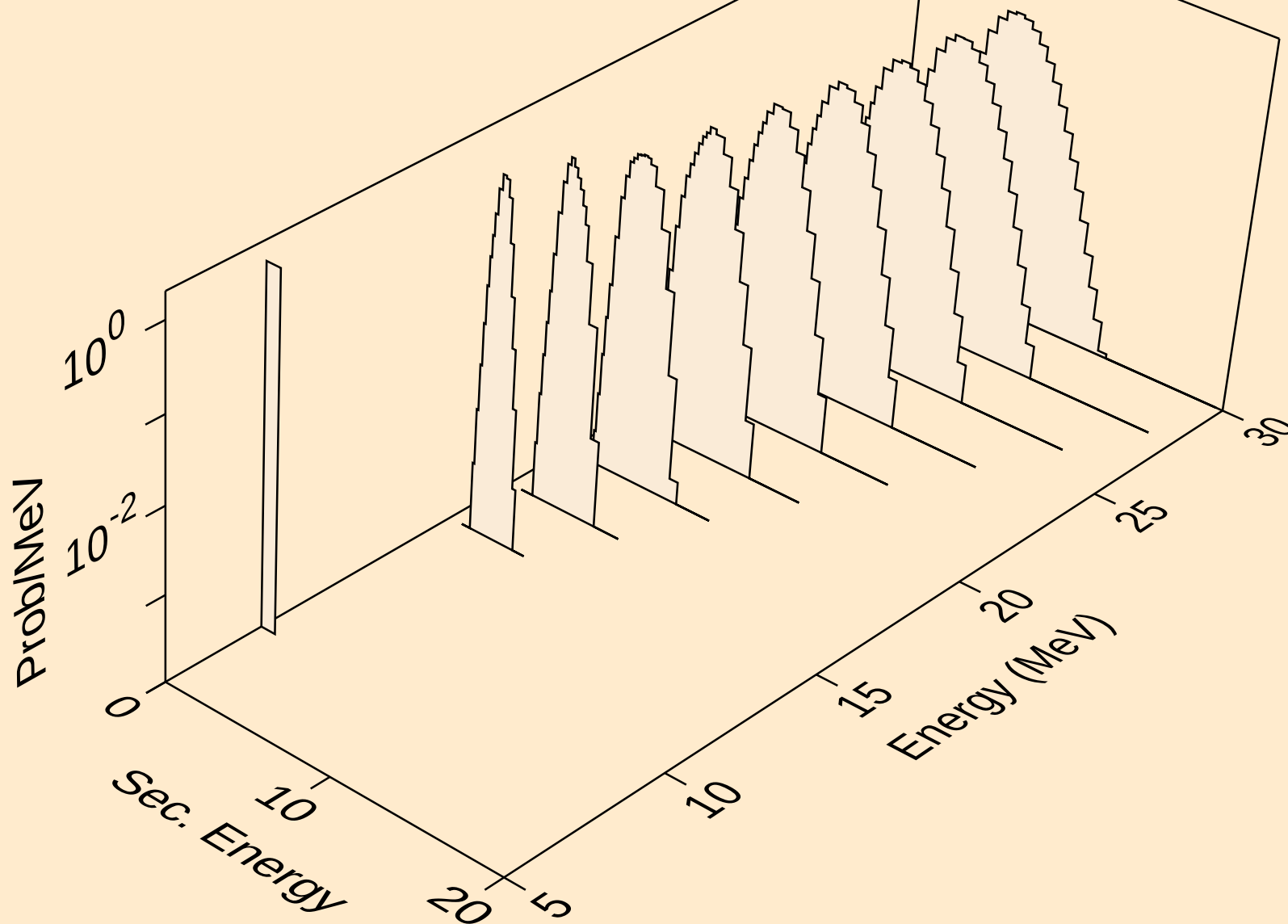
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,2p)



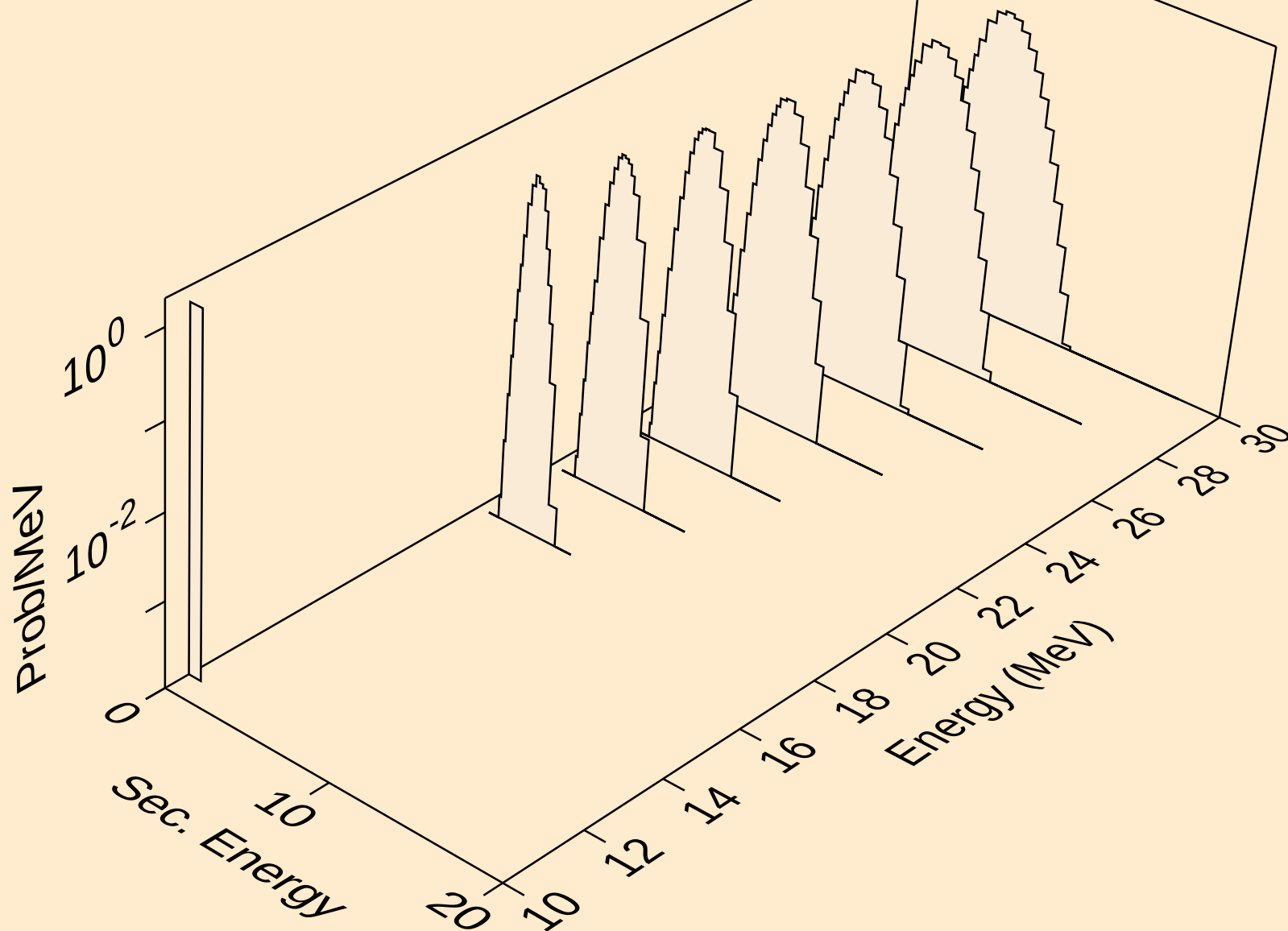
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,p)



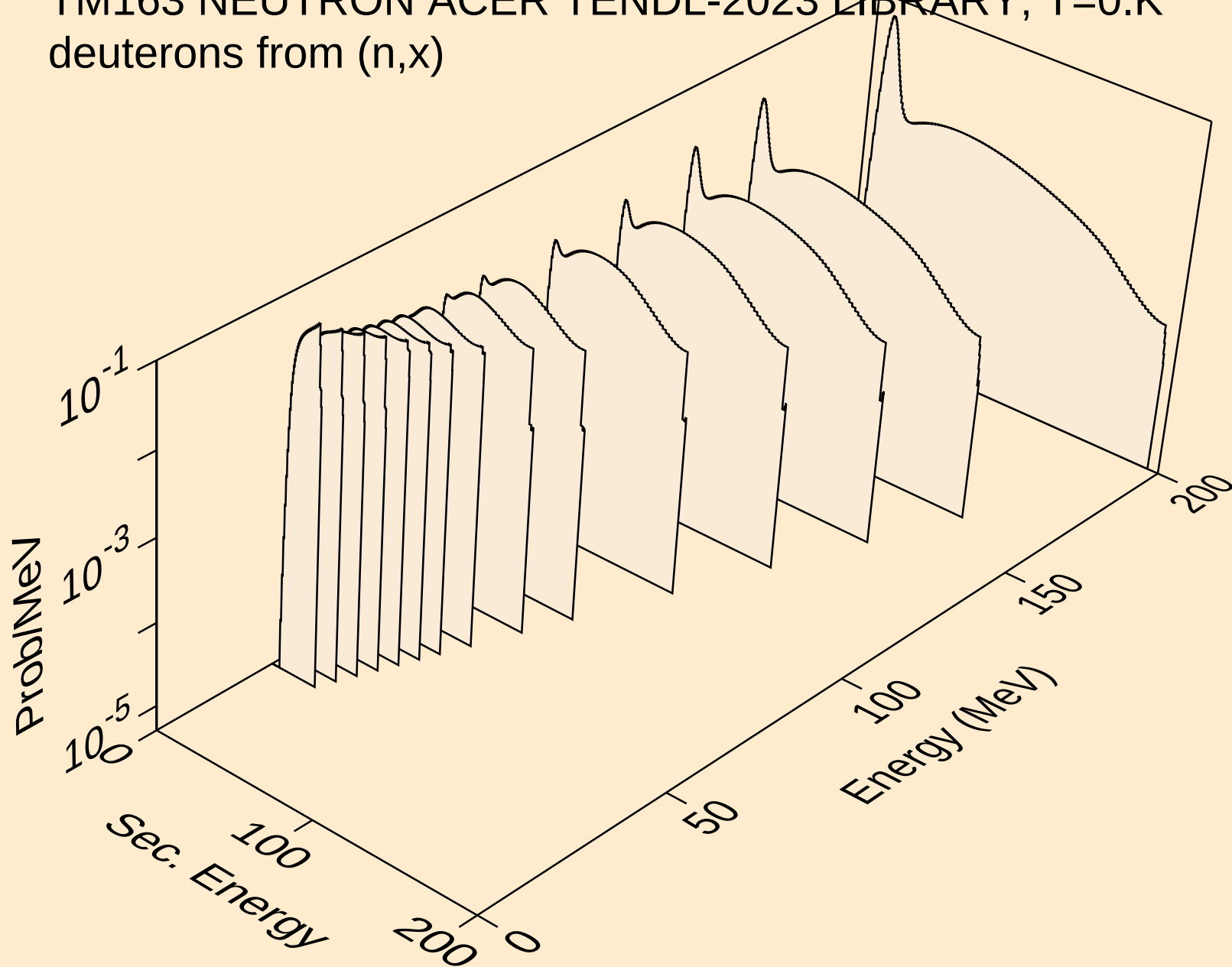
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pd)



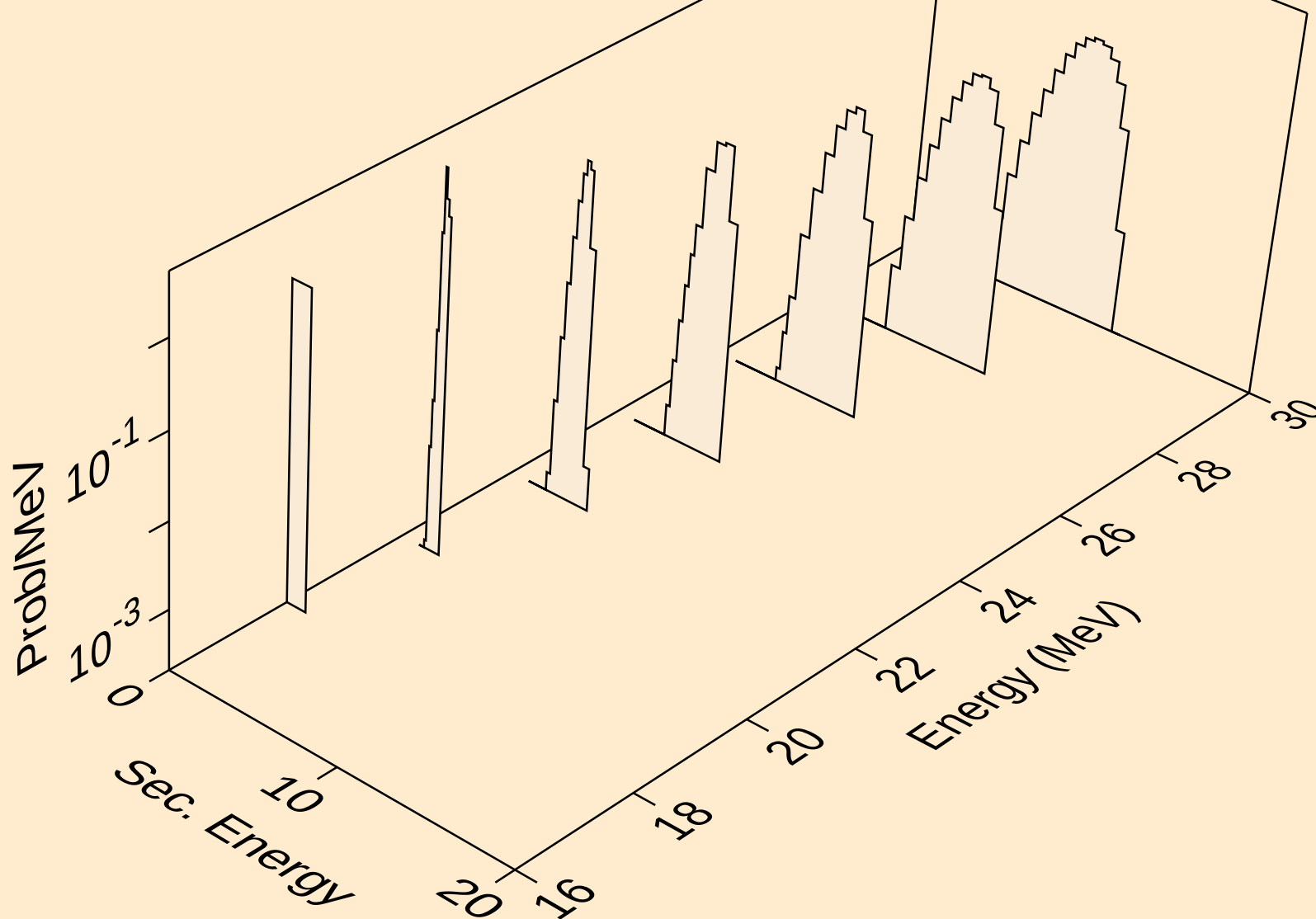
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
protons from (n,pt)



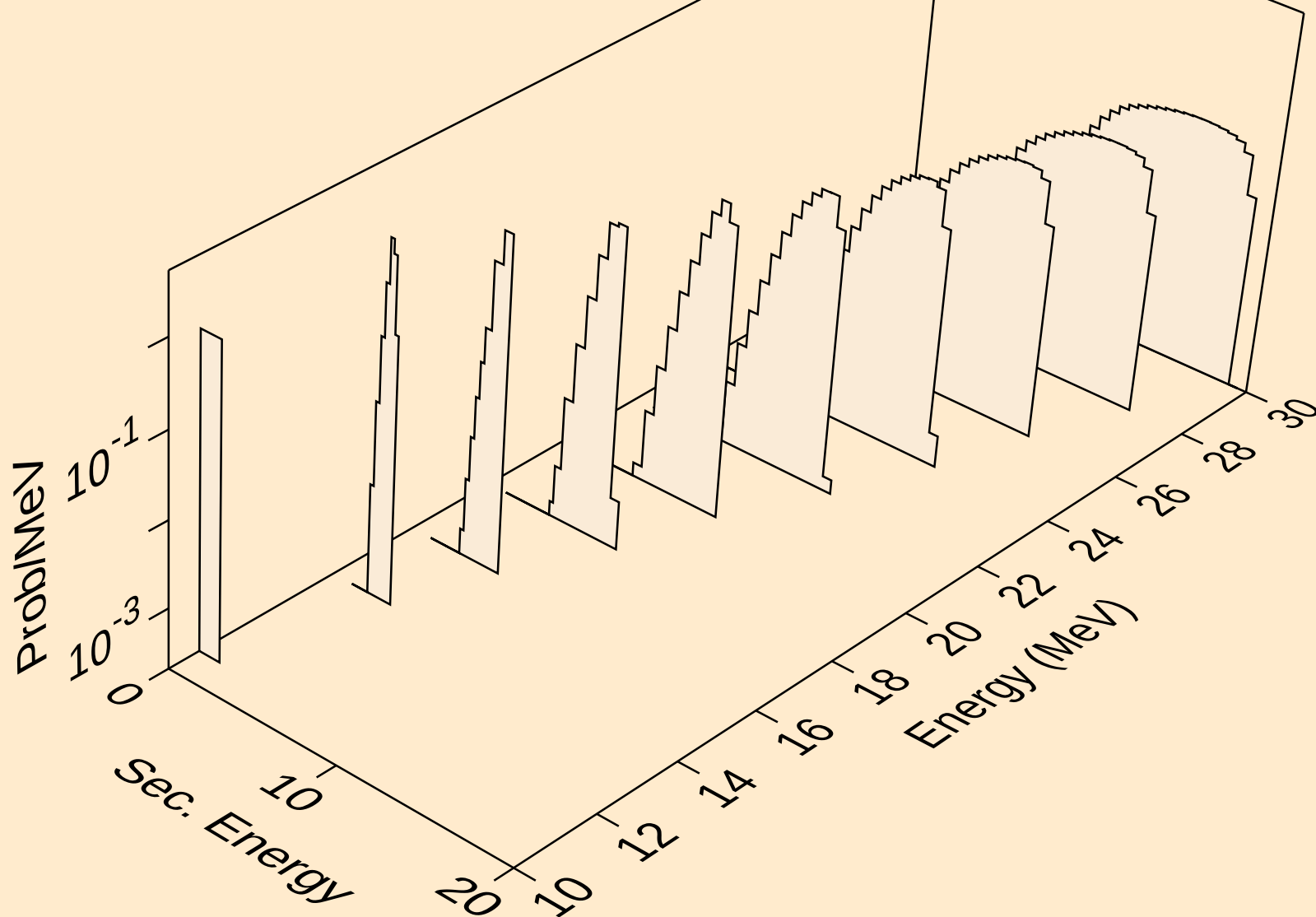
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,x)



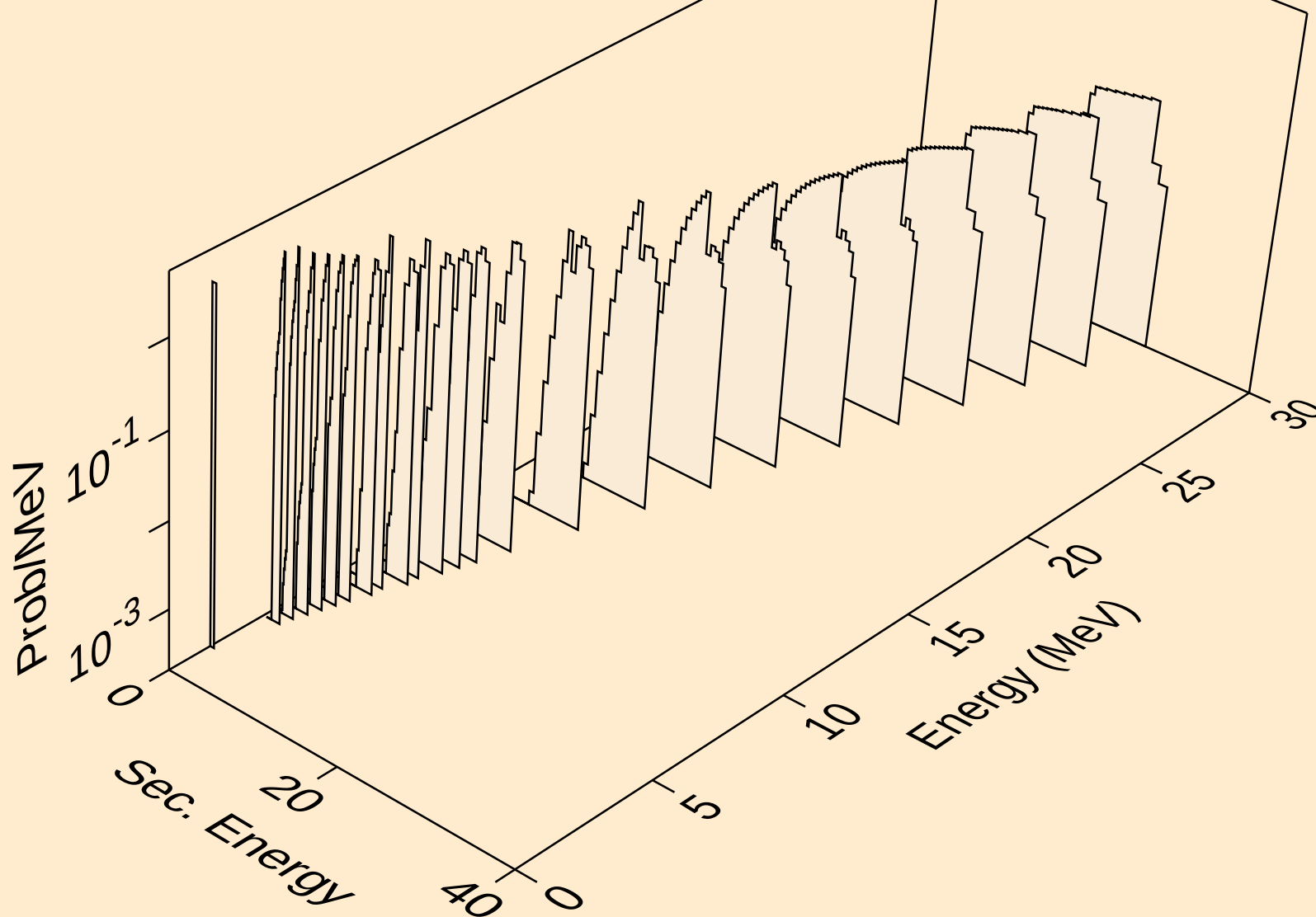
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,2nd)



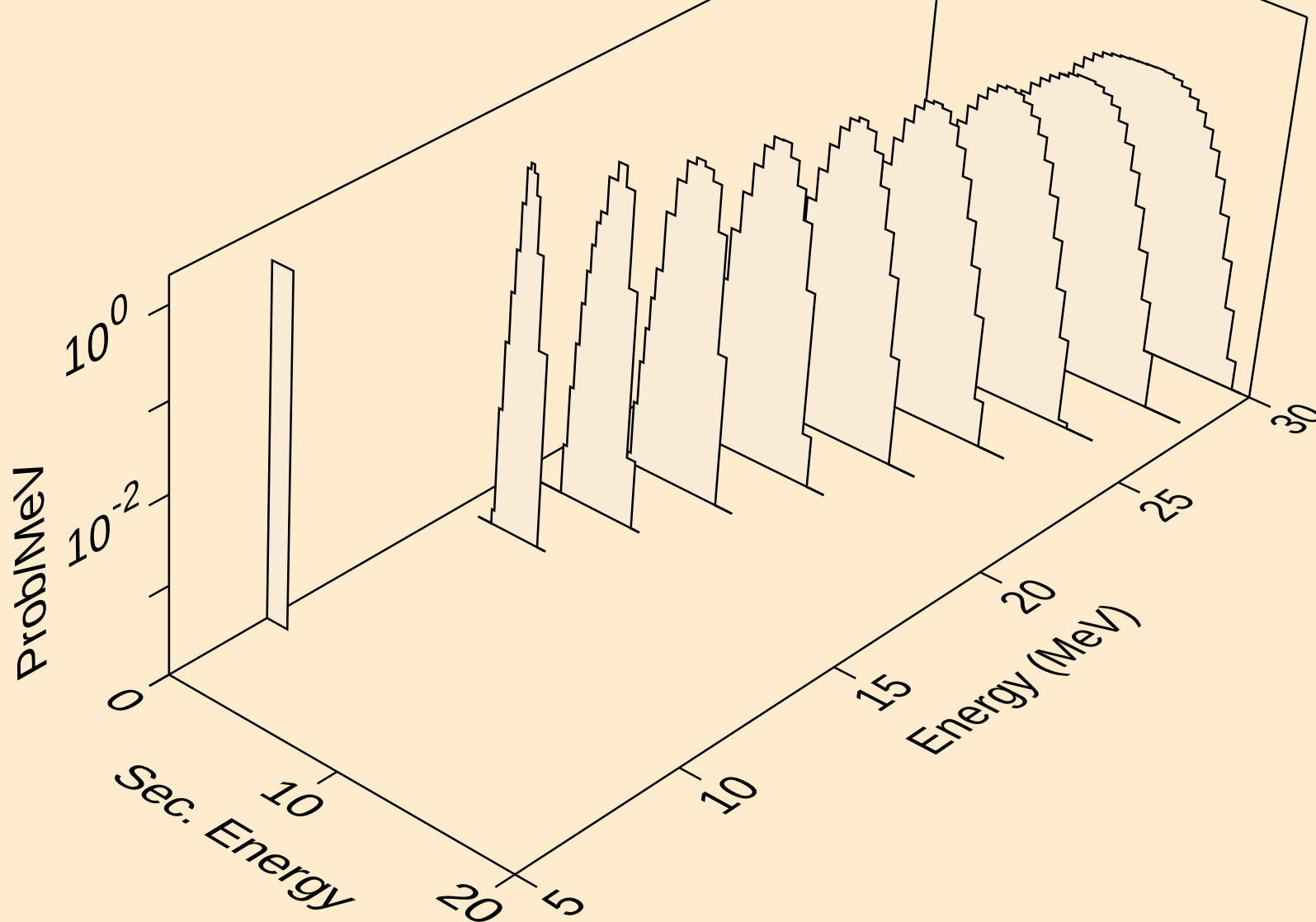
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,n*)d



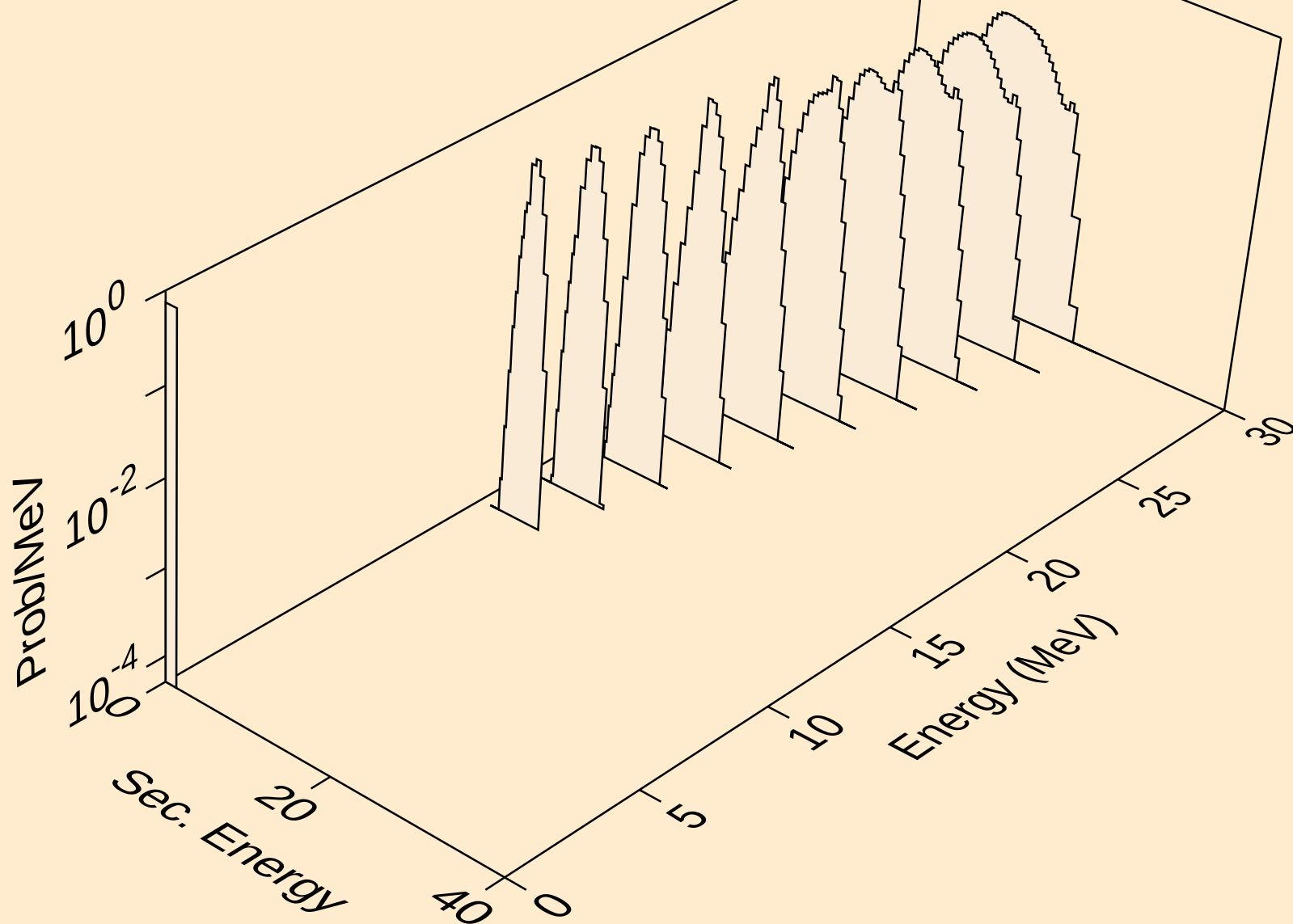
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,d)



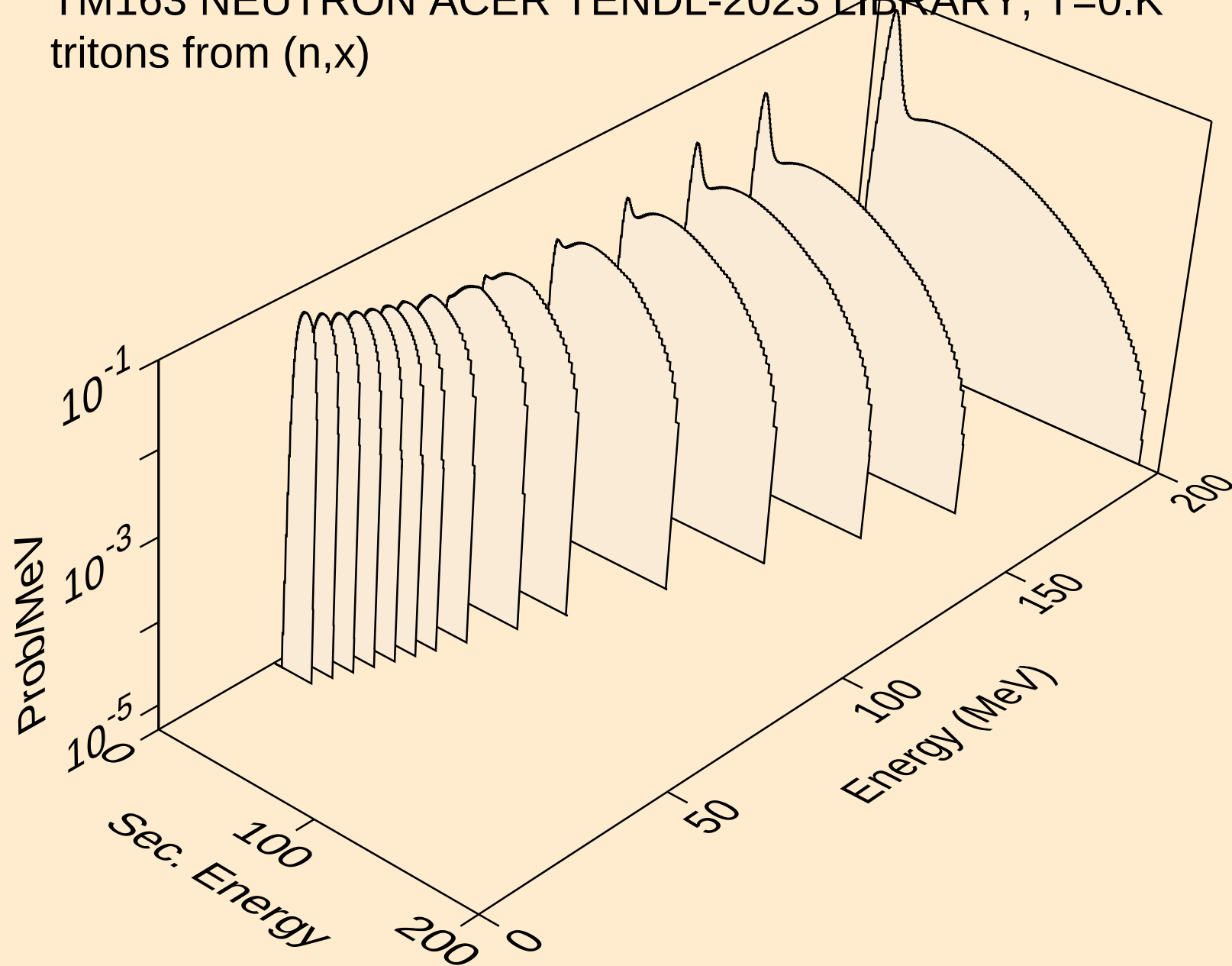
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,pd)



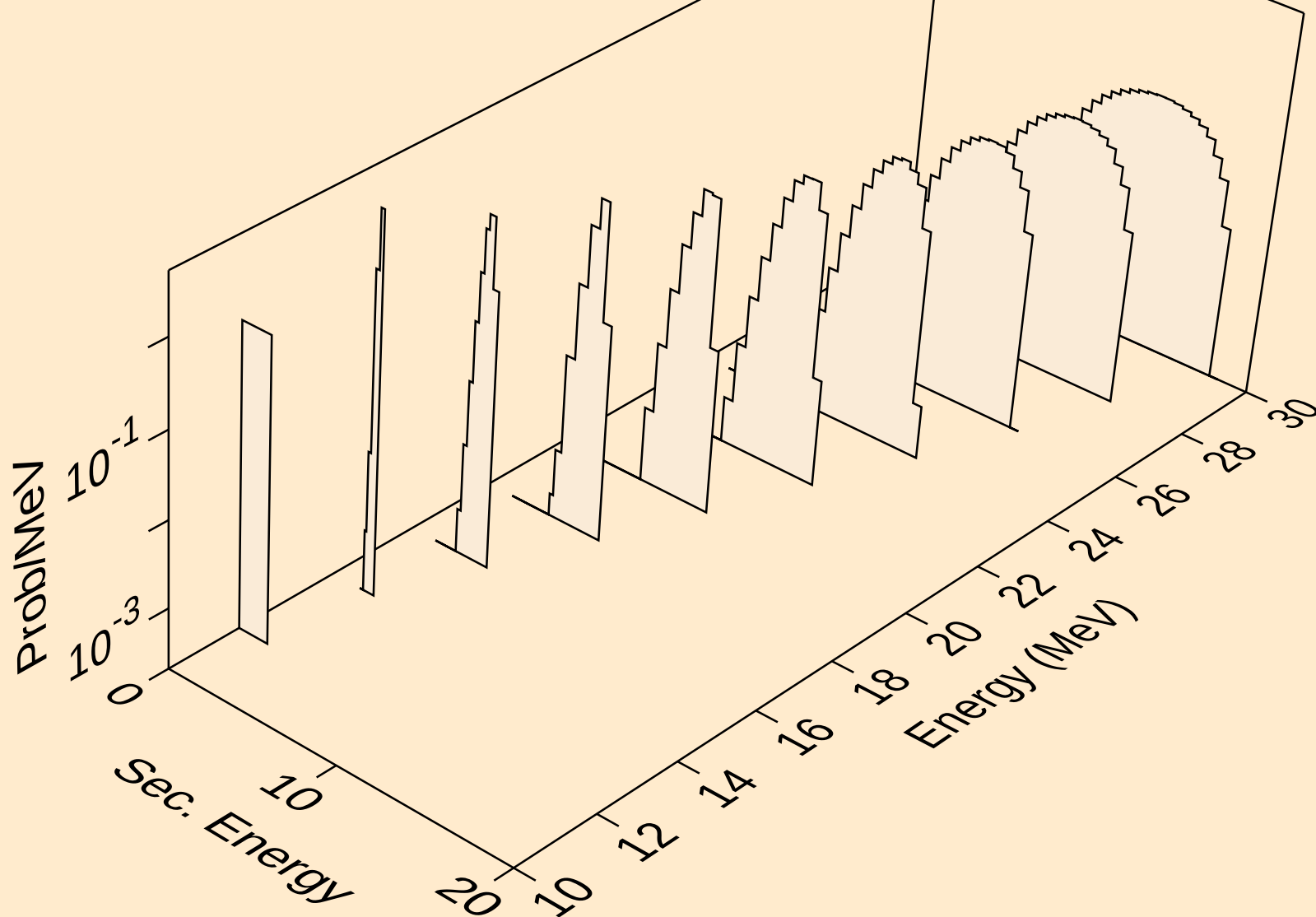
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (n,da)



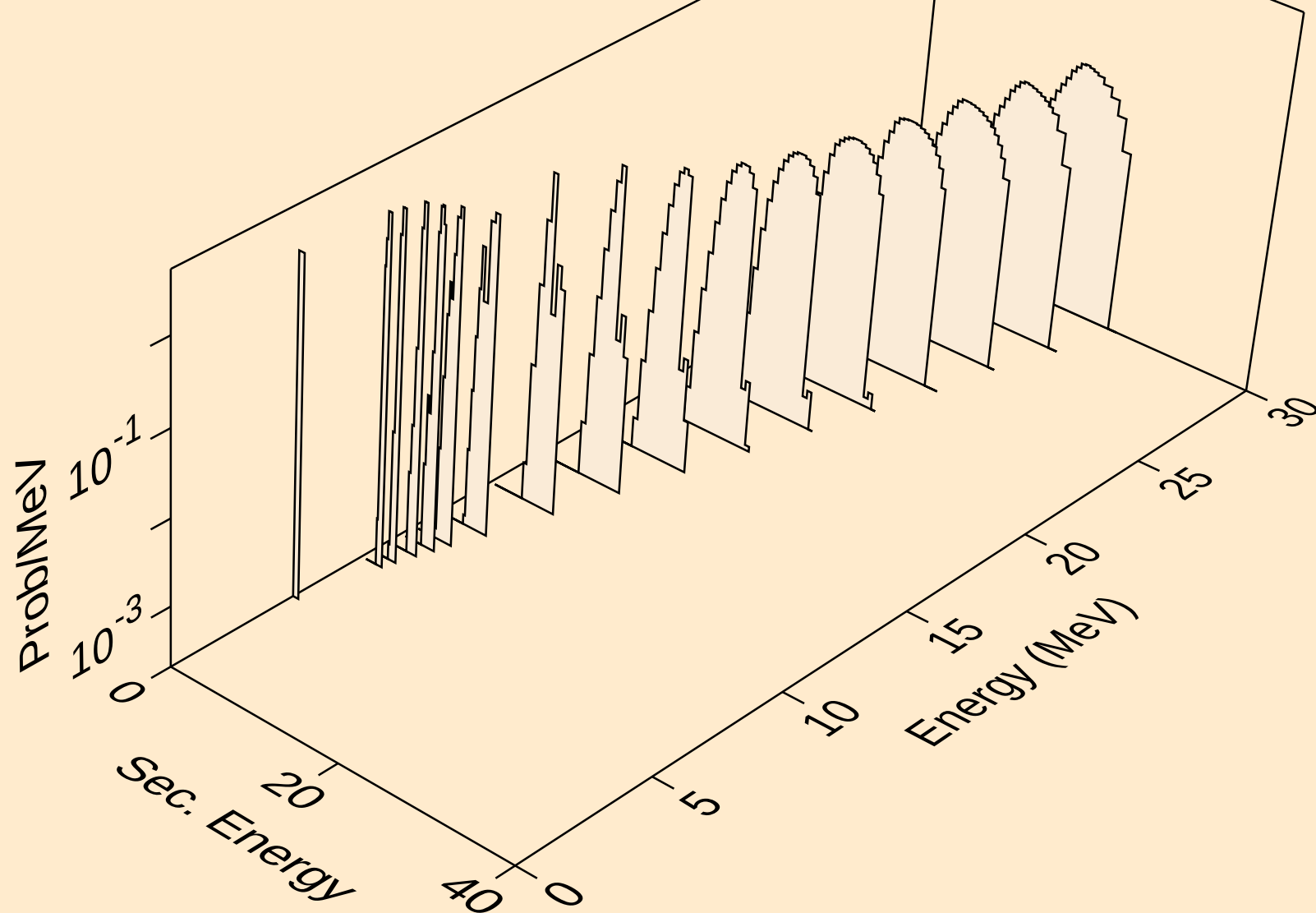
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,x)



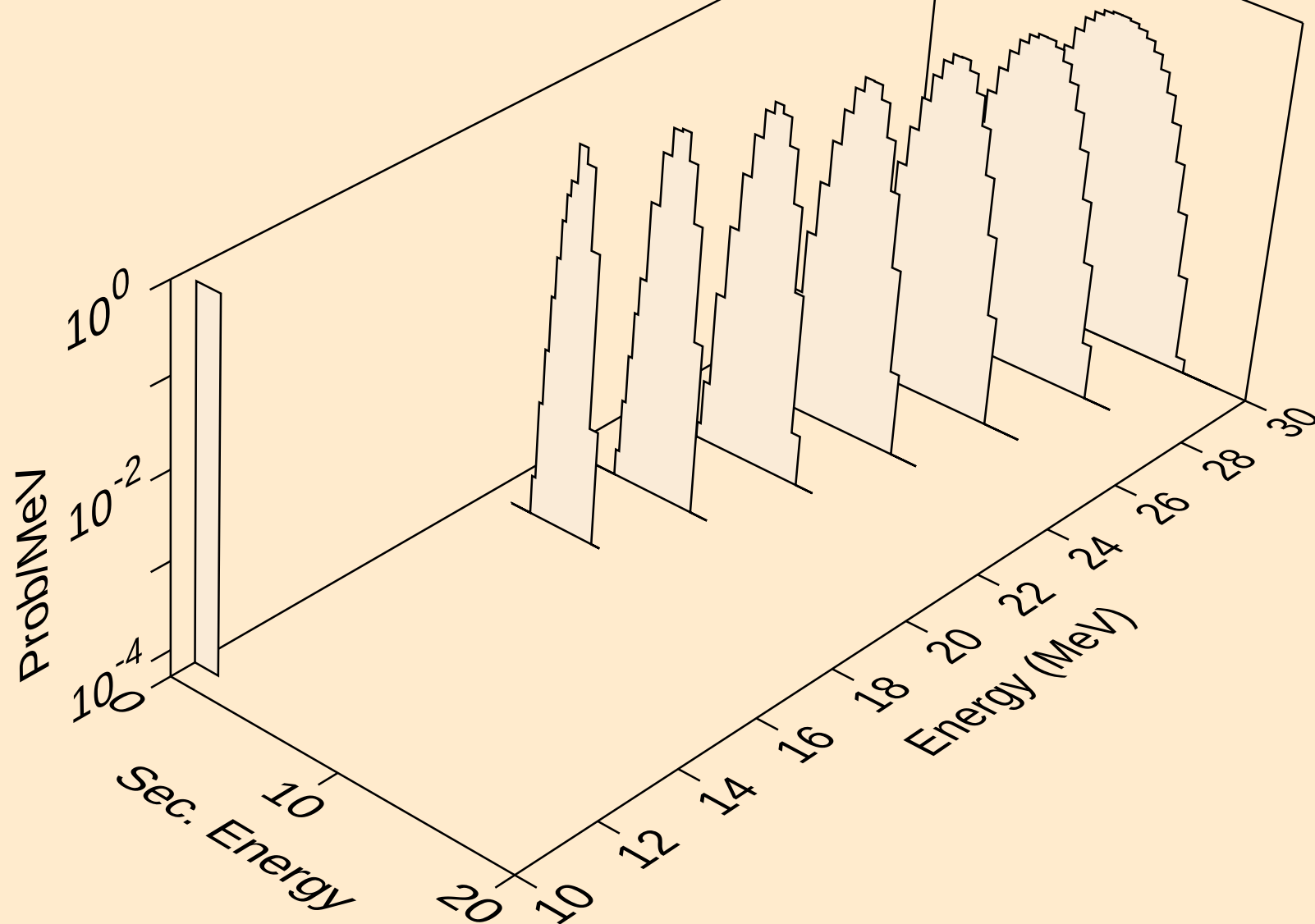
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,n*)t



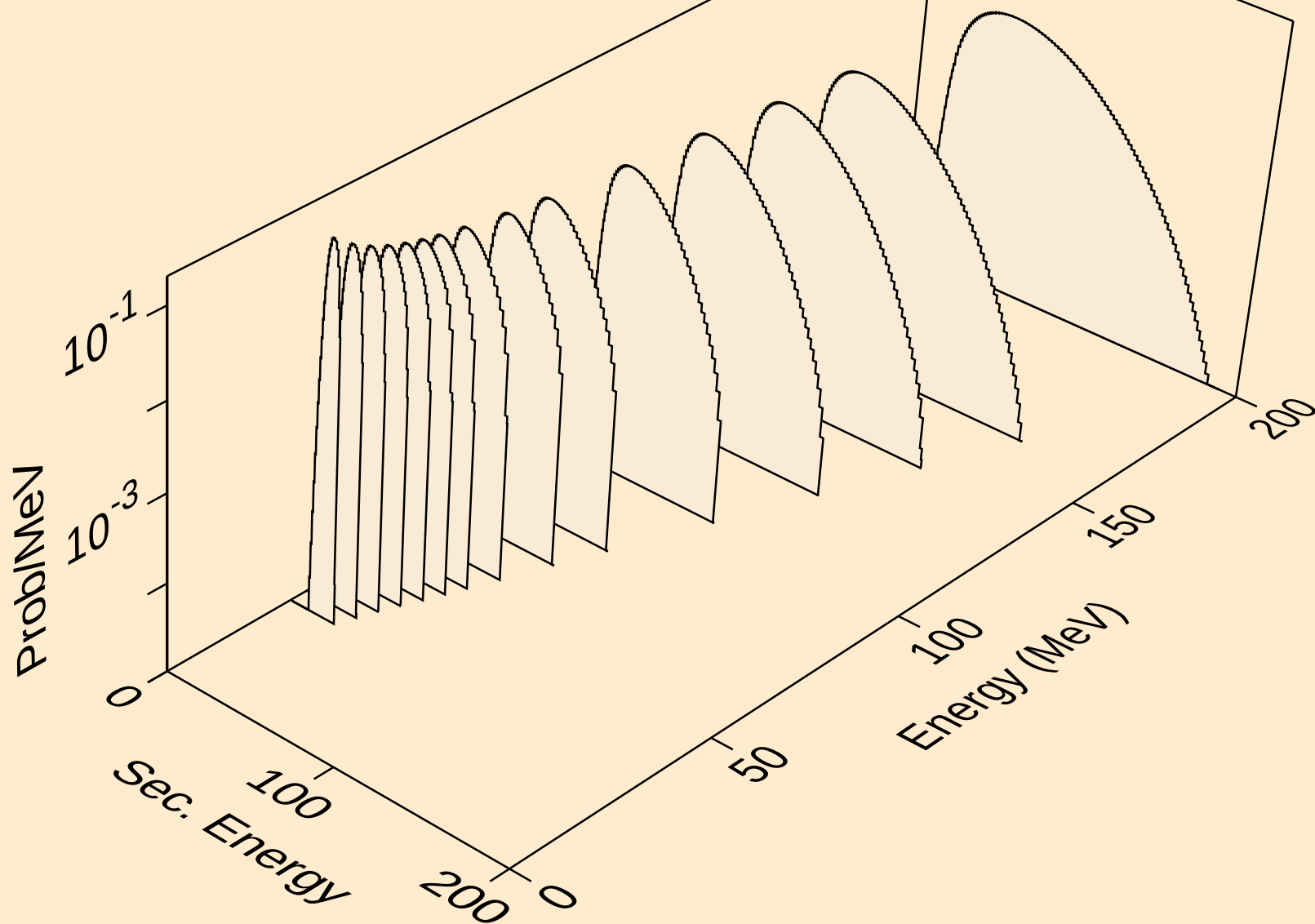
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,t)



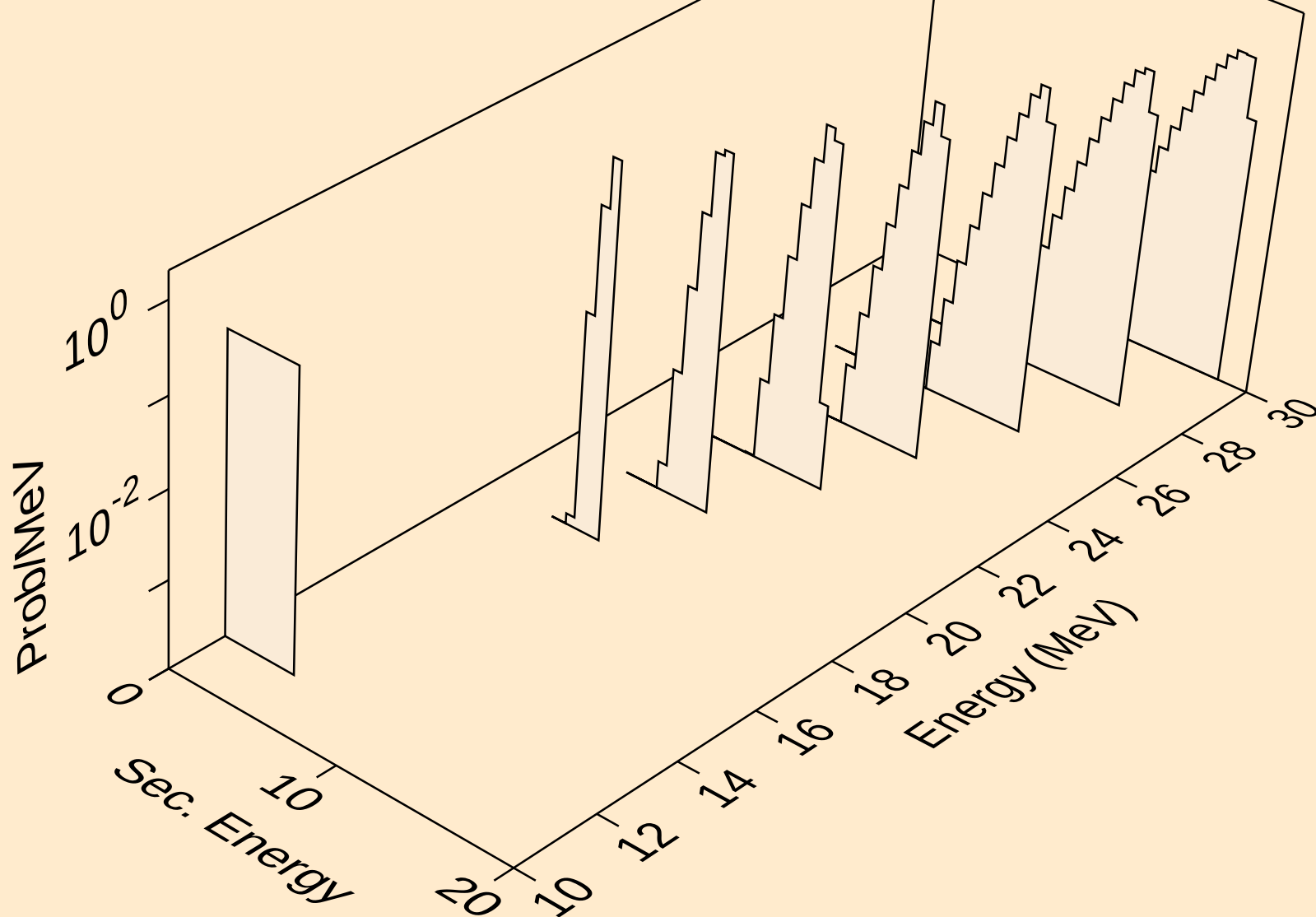
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
tritons from (n,pt)



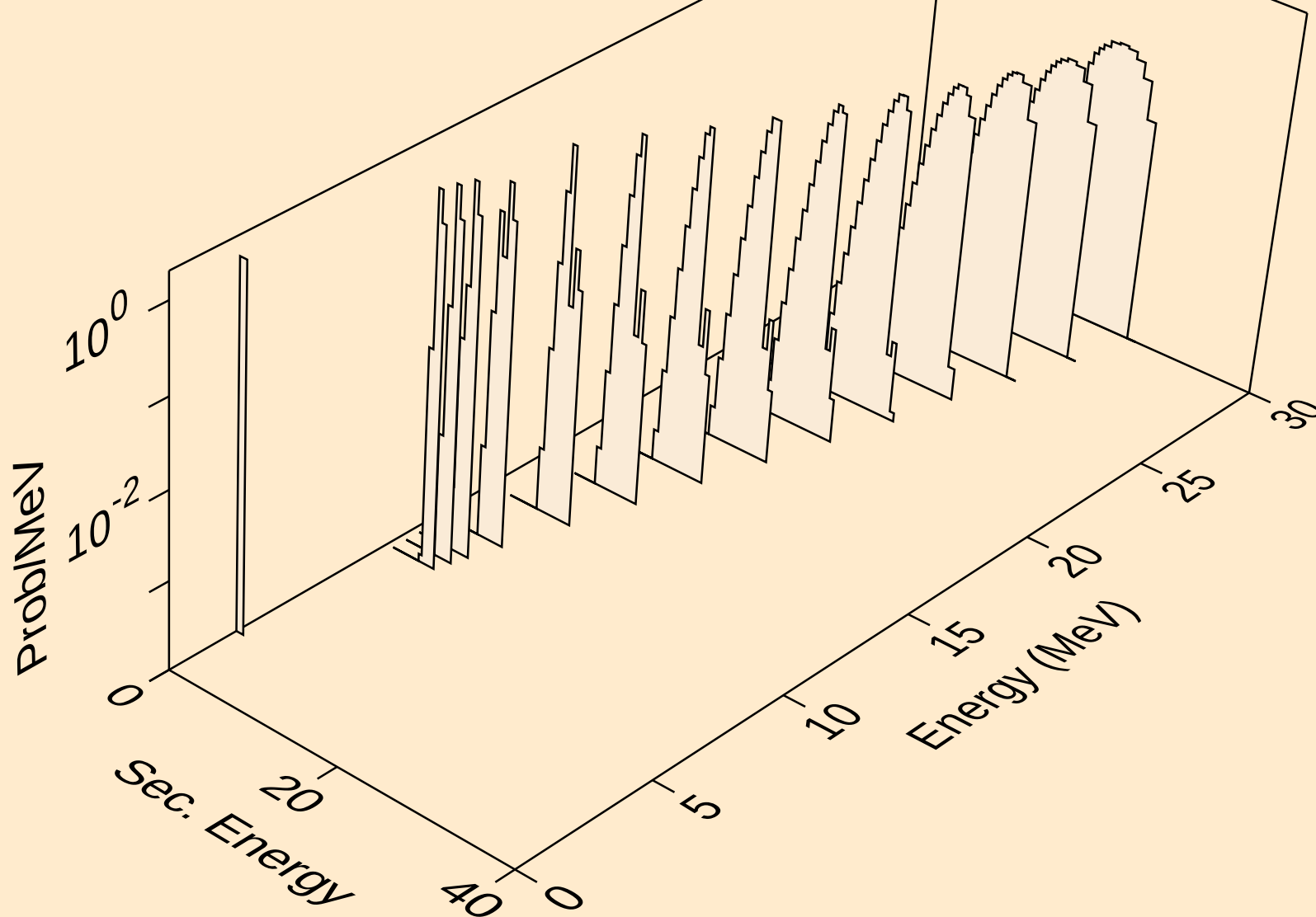
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,x)



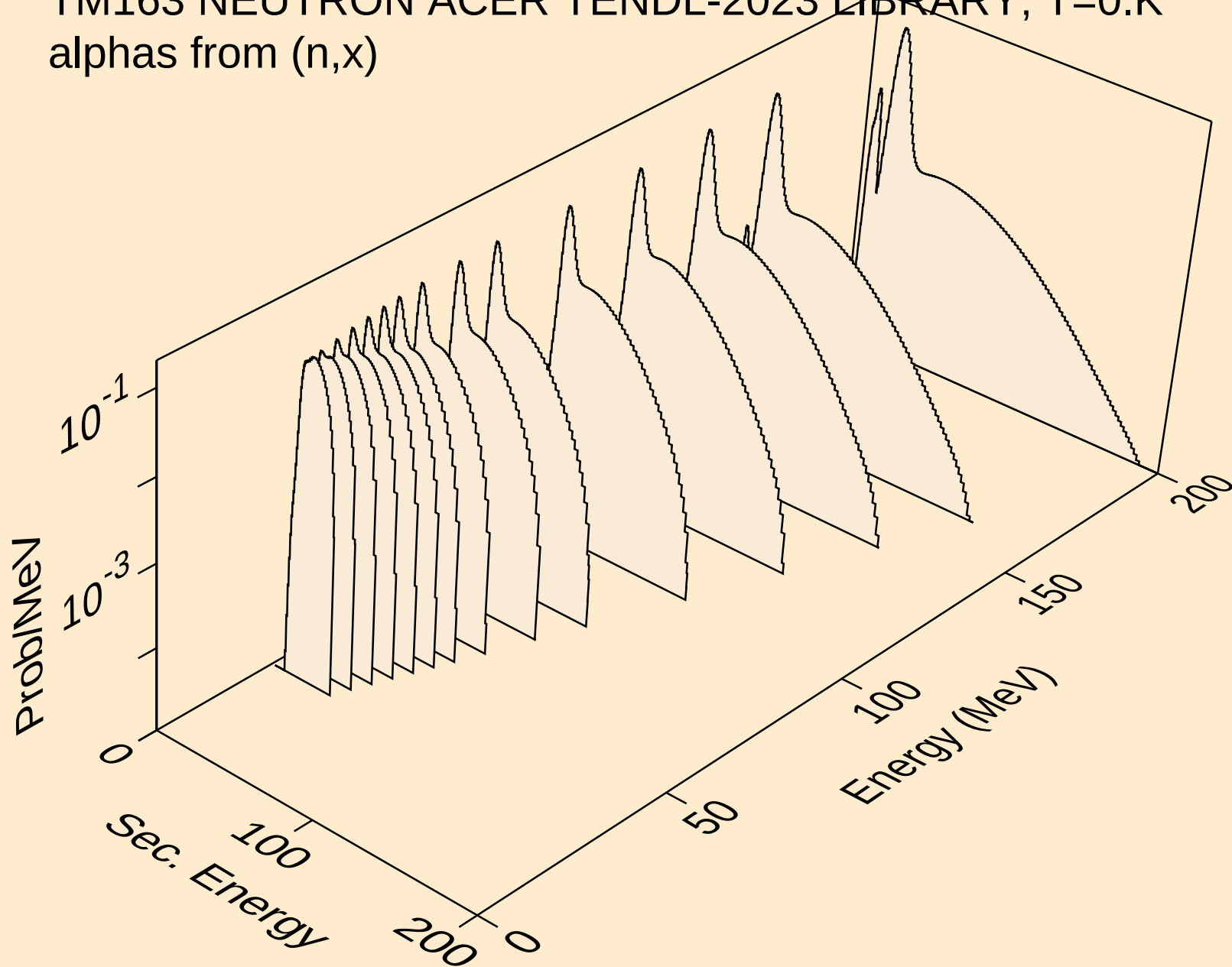
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,n*)he3



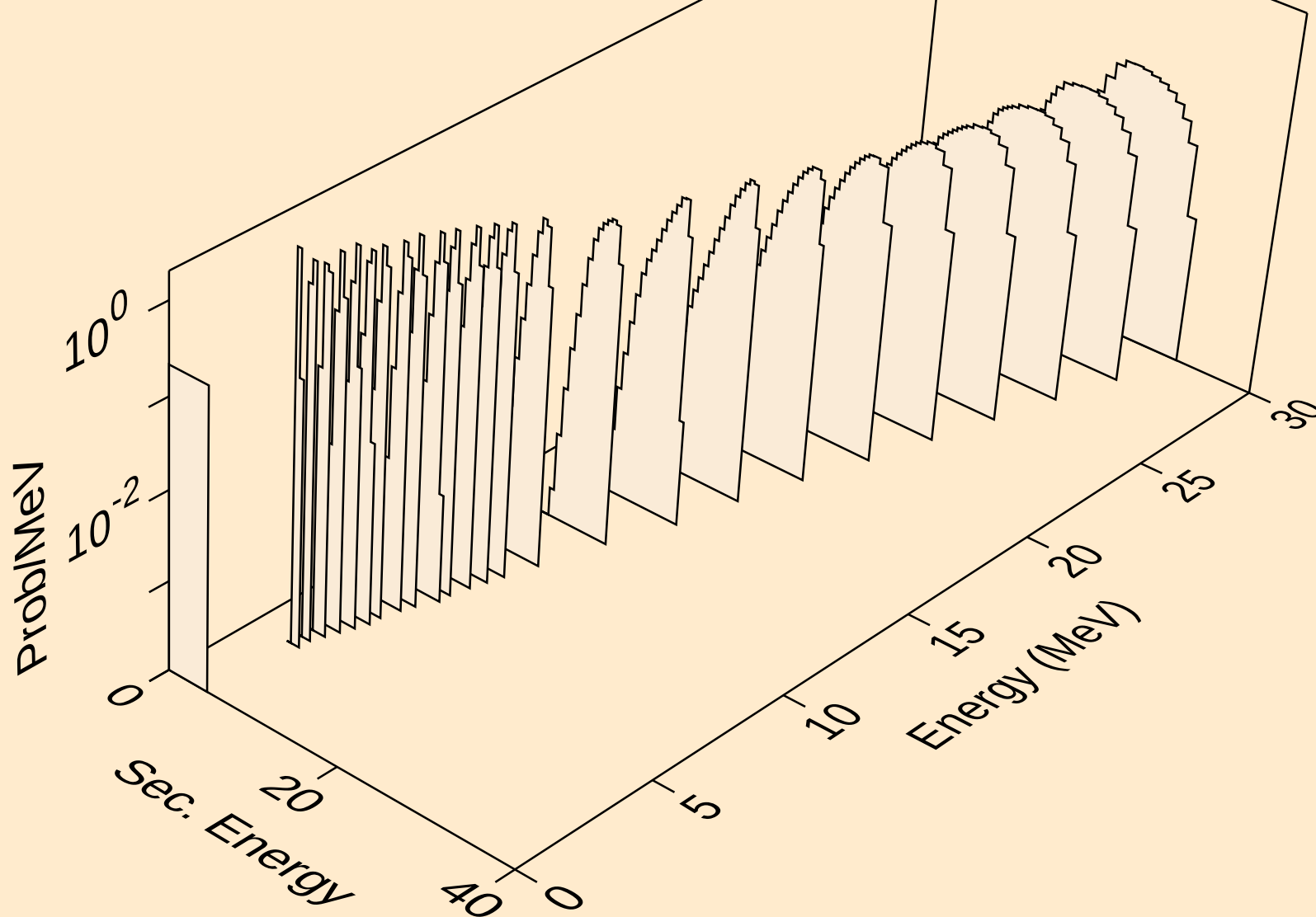
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
he3s from (n,he3)



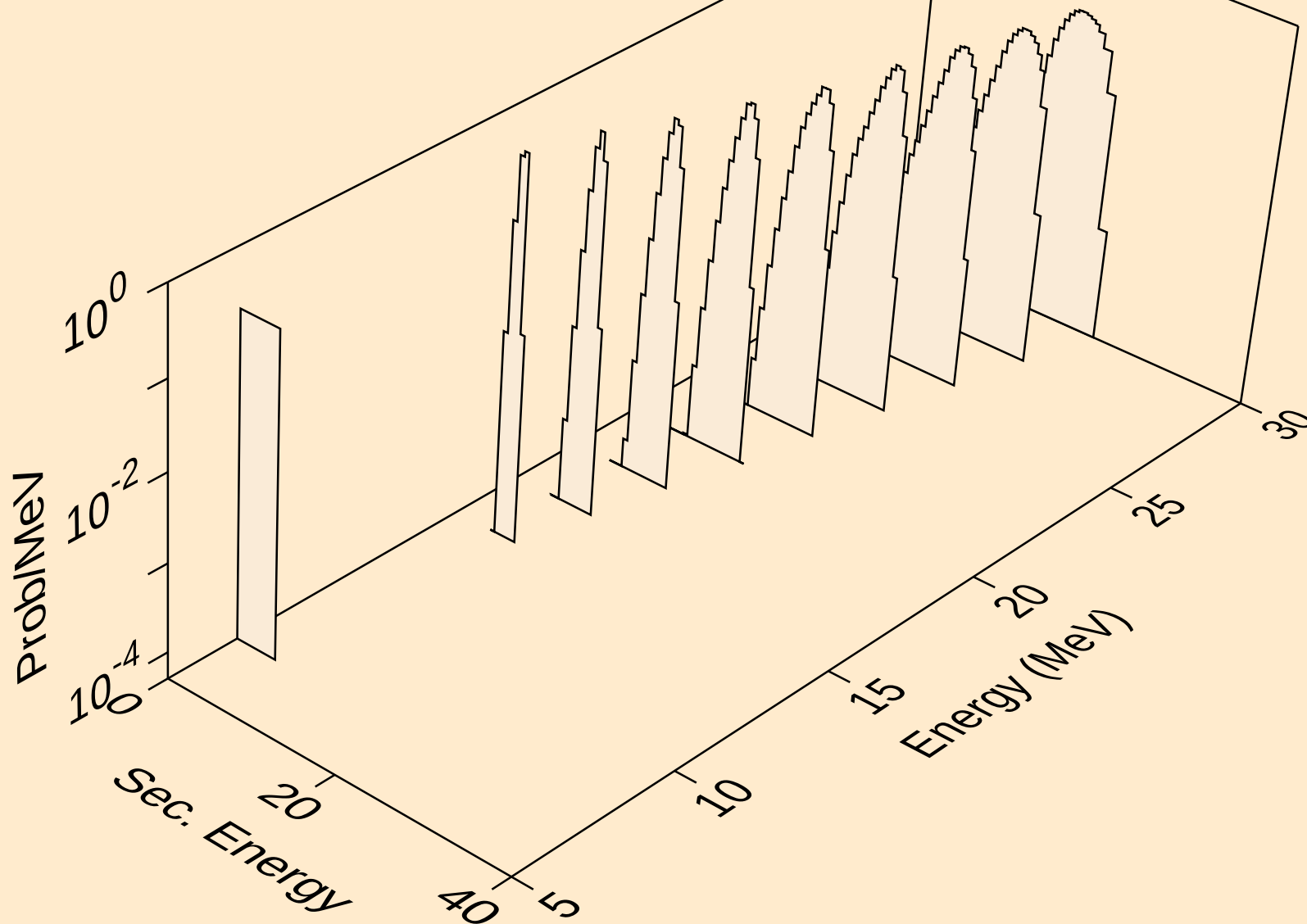
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,x)



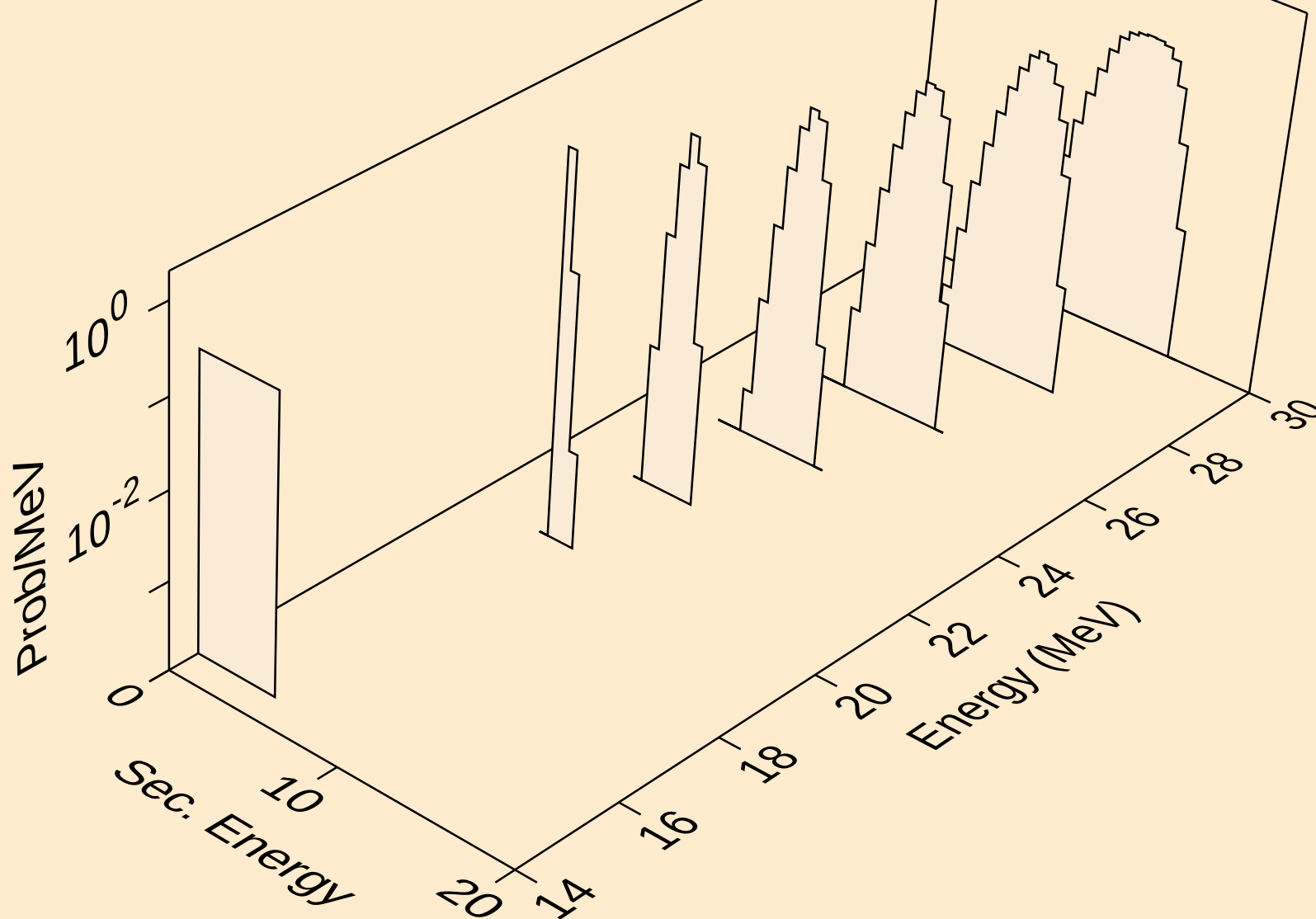
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)a



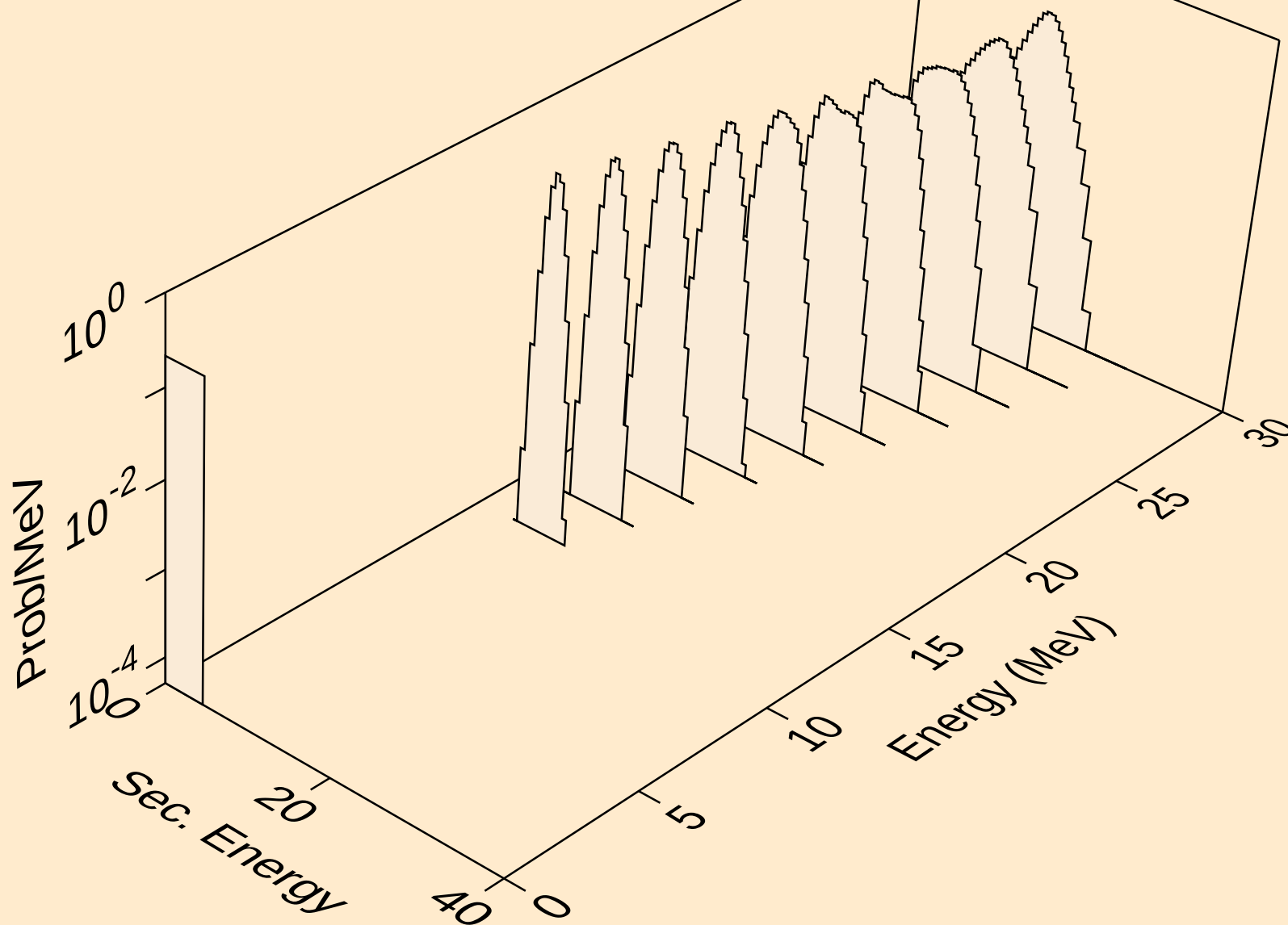
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2n)a



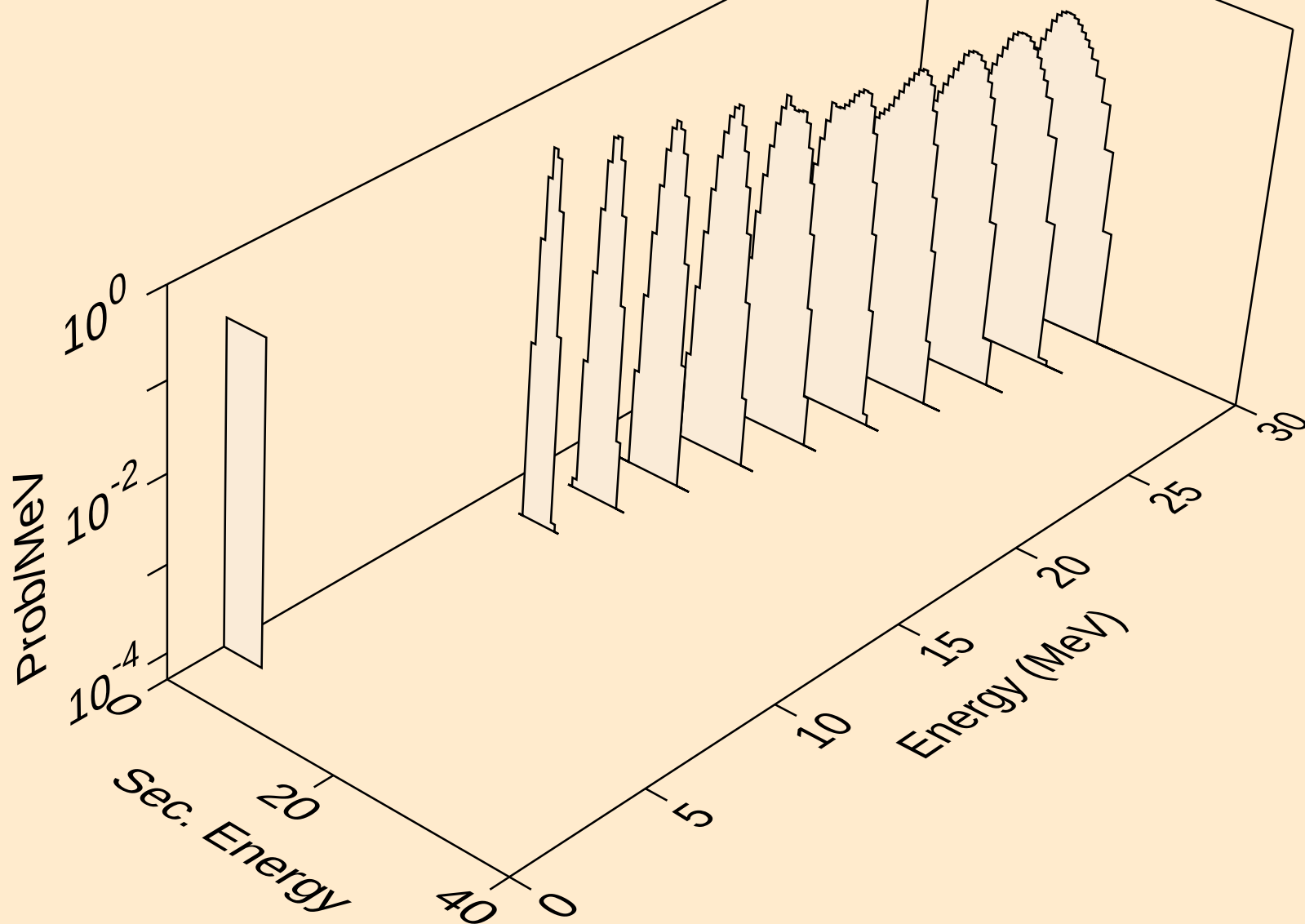
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,3n)a



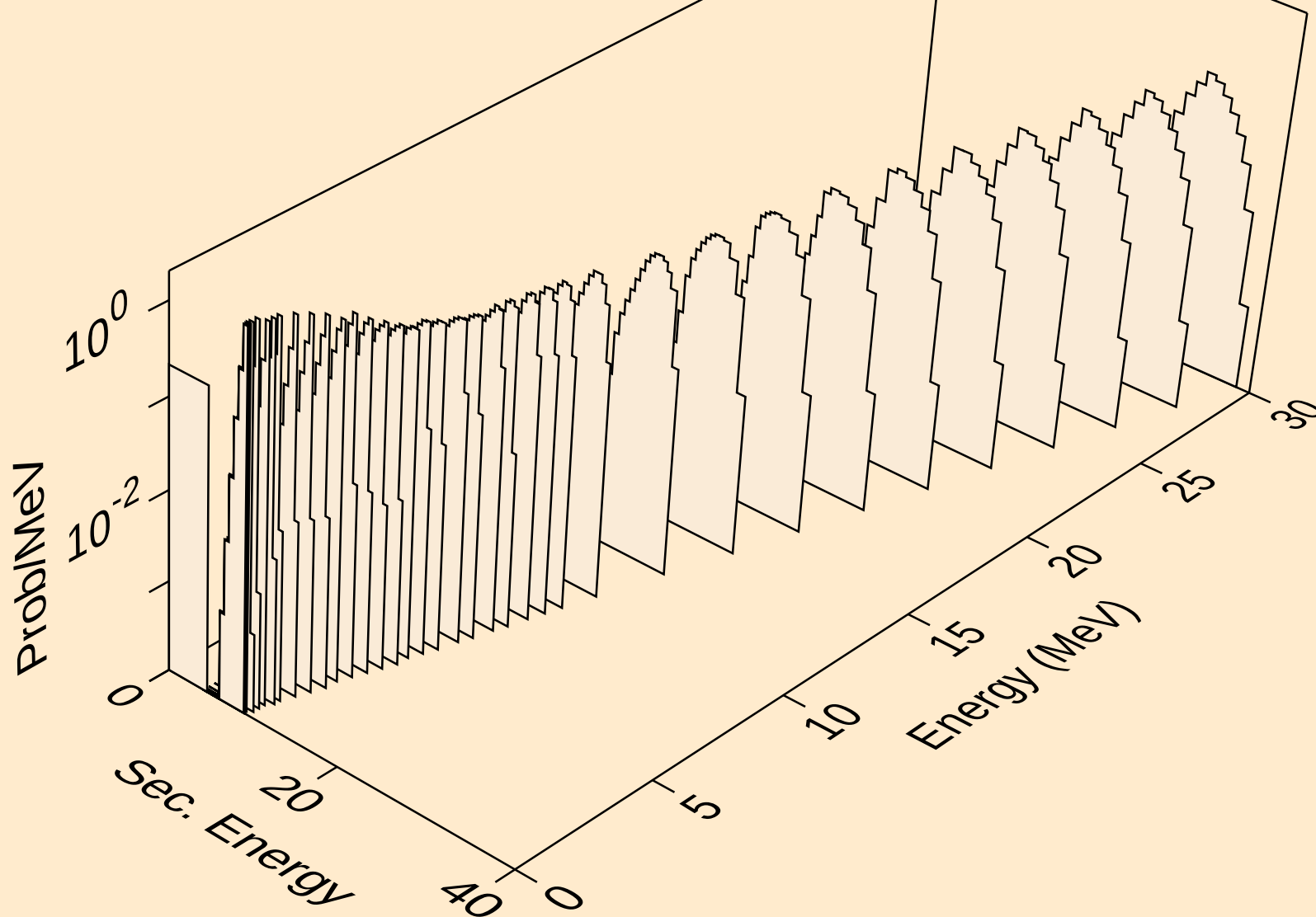
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,n*)2a



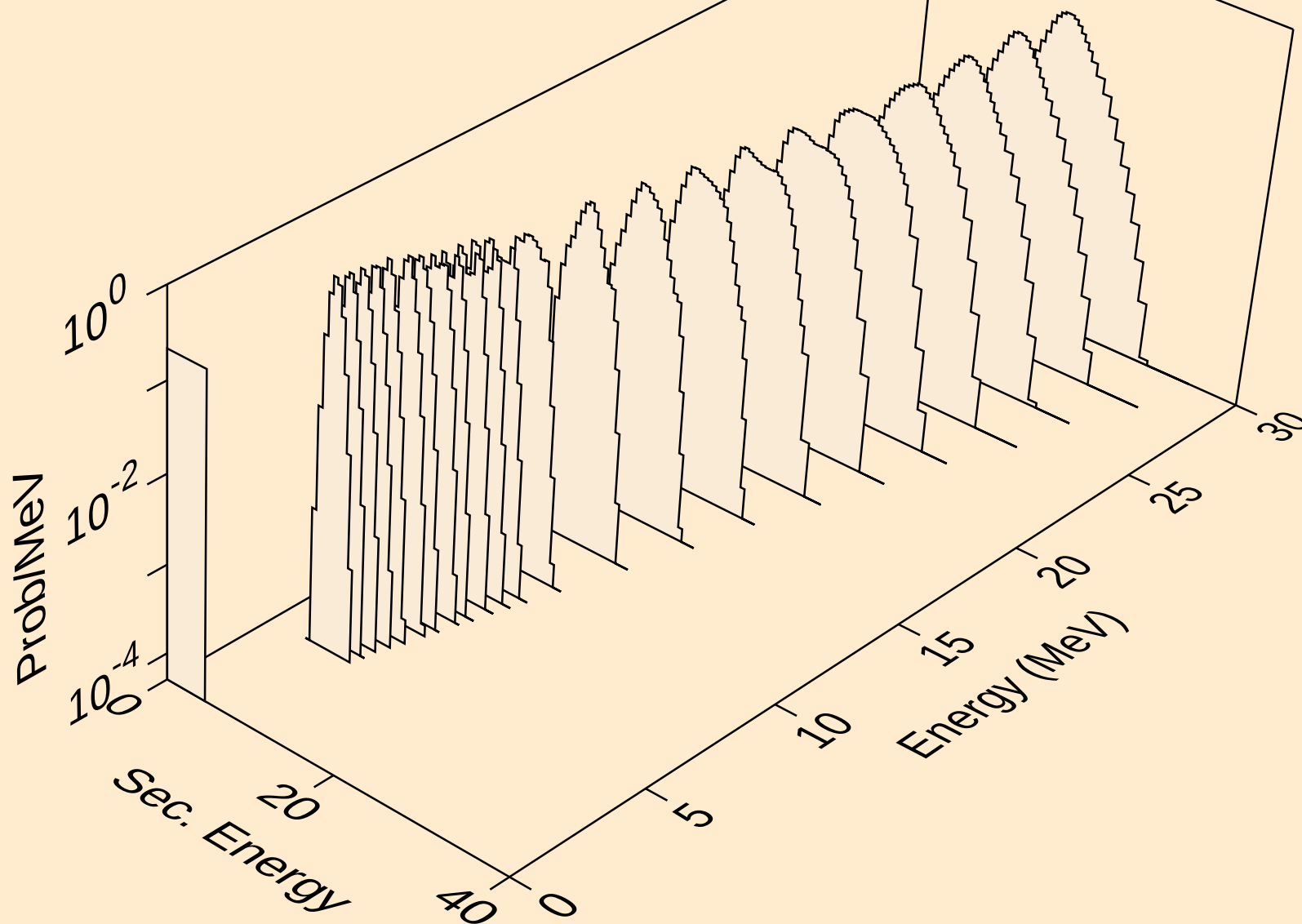
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,npa)



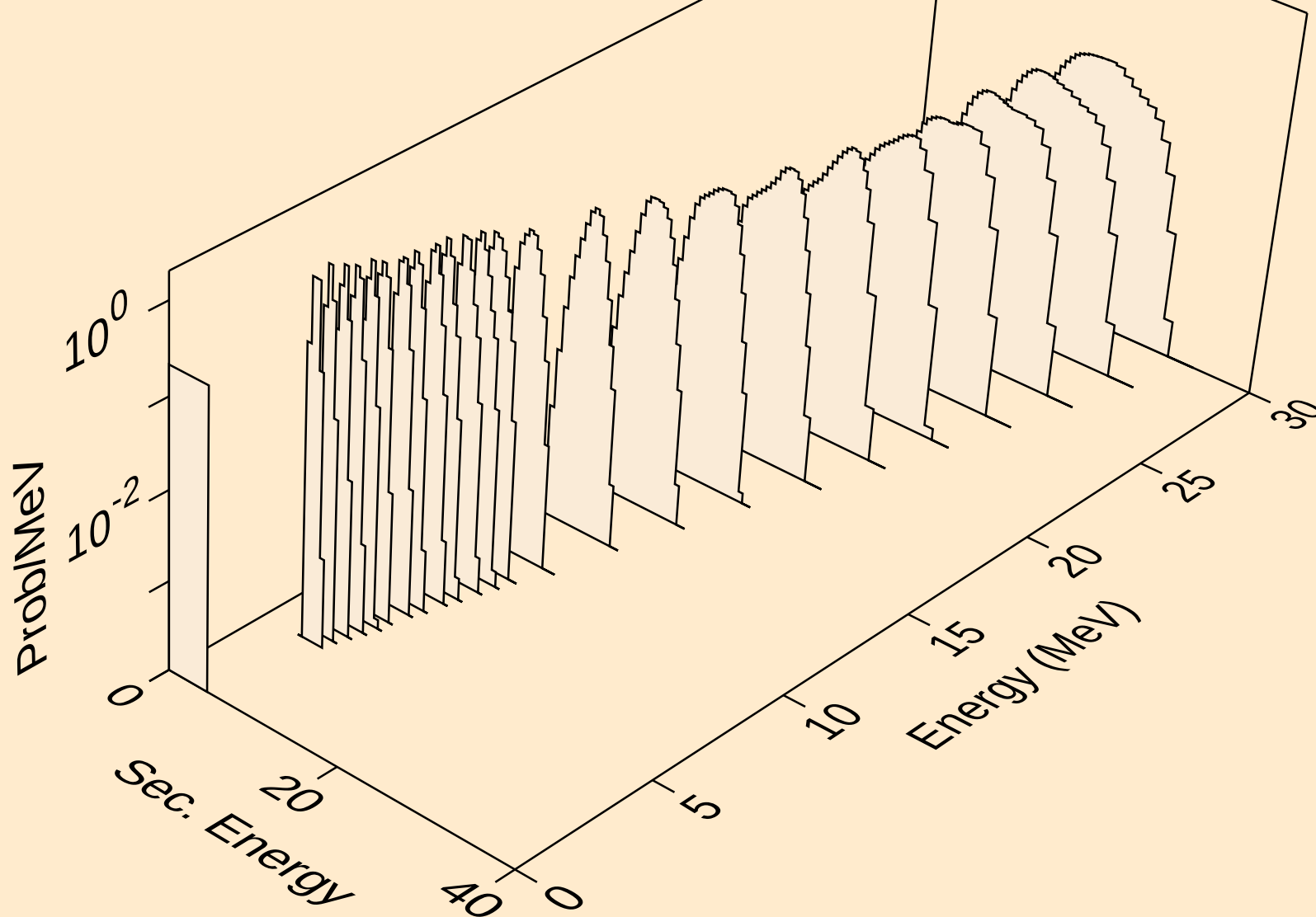
TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,a)



TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,2a)



TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,pa)



TM163 NEUTRON ACER TENDL-2023 LIBRARY; T=0.K
alphas from (n,da)

