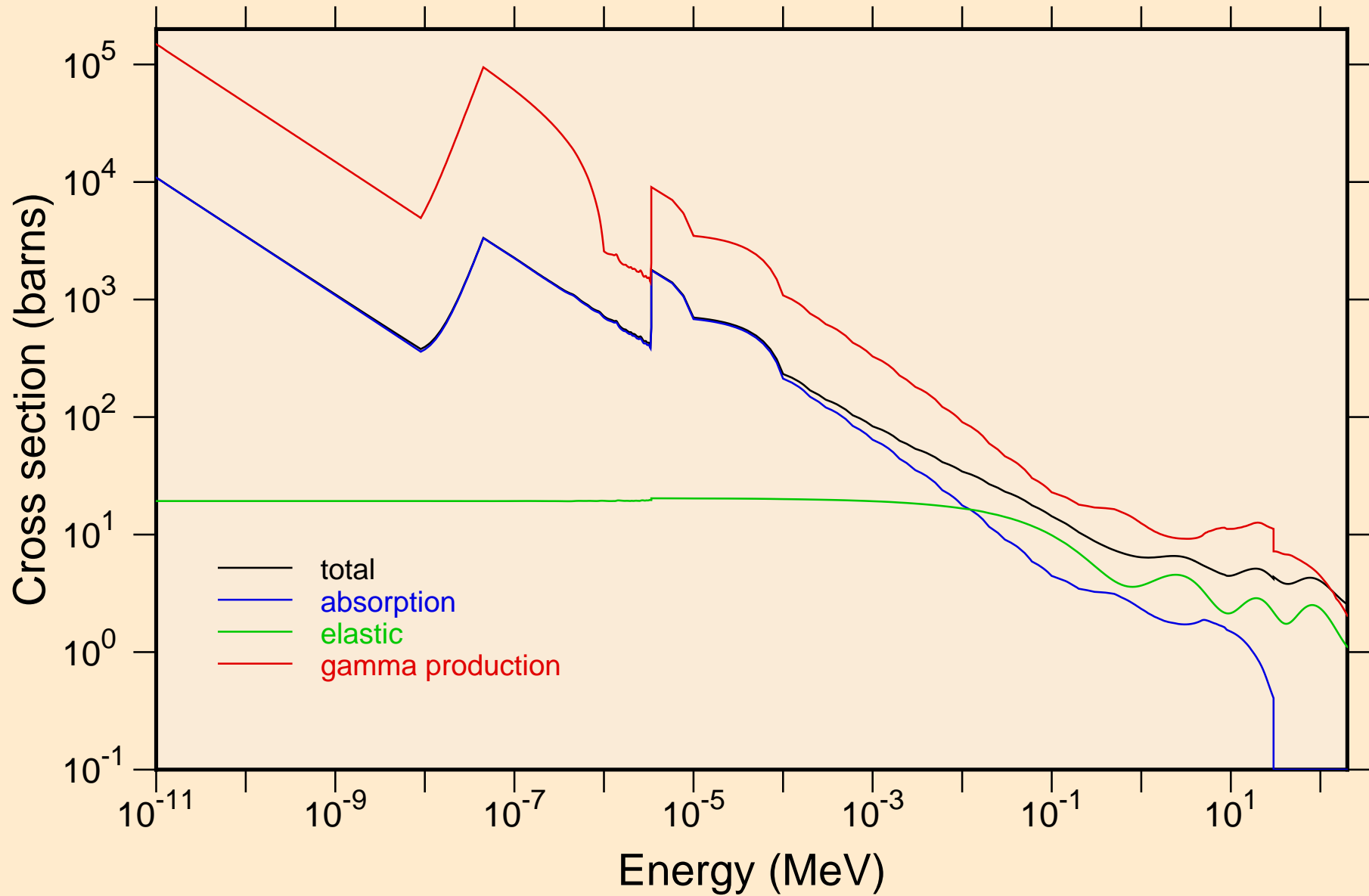


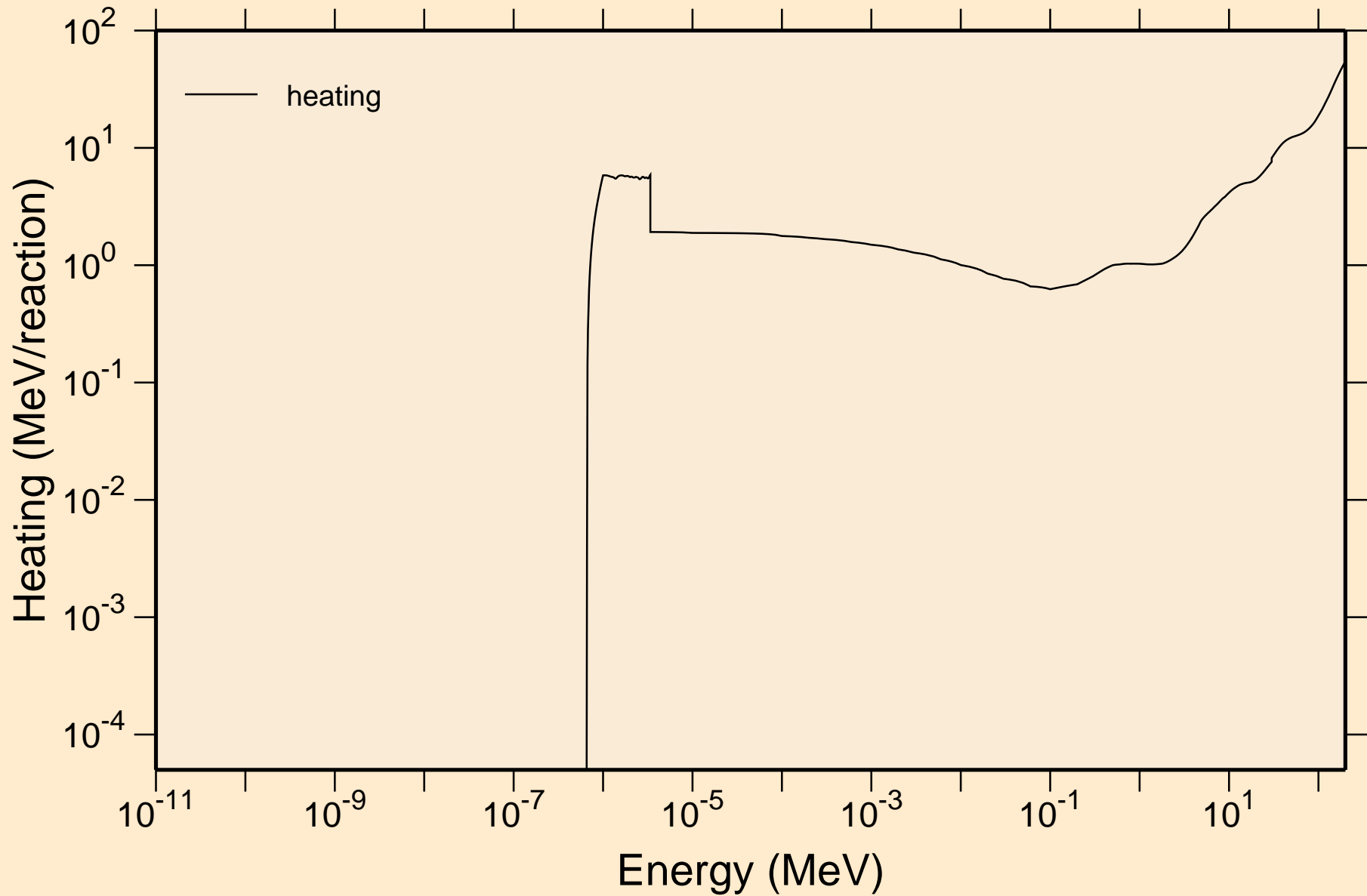
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections

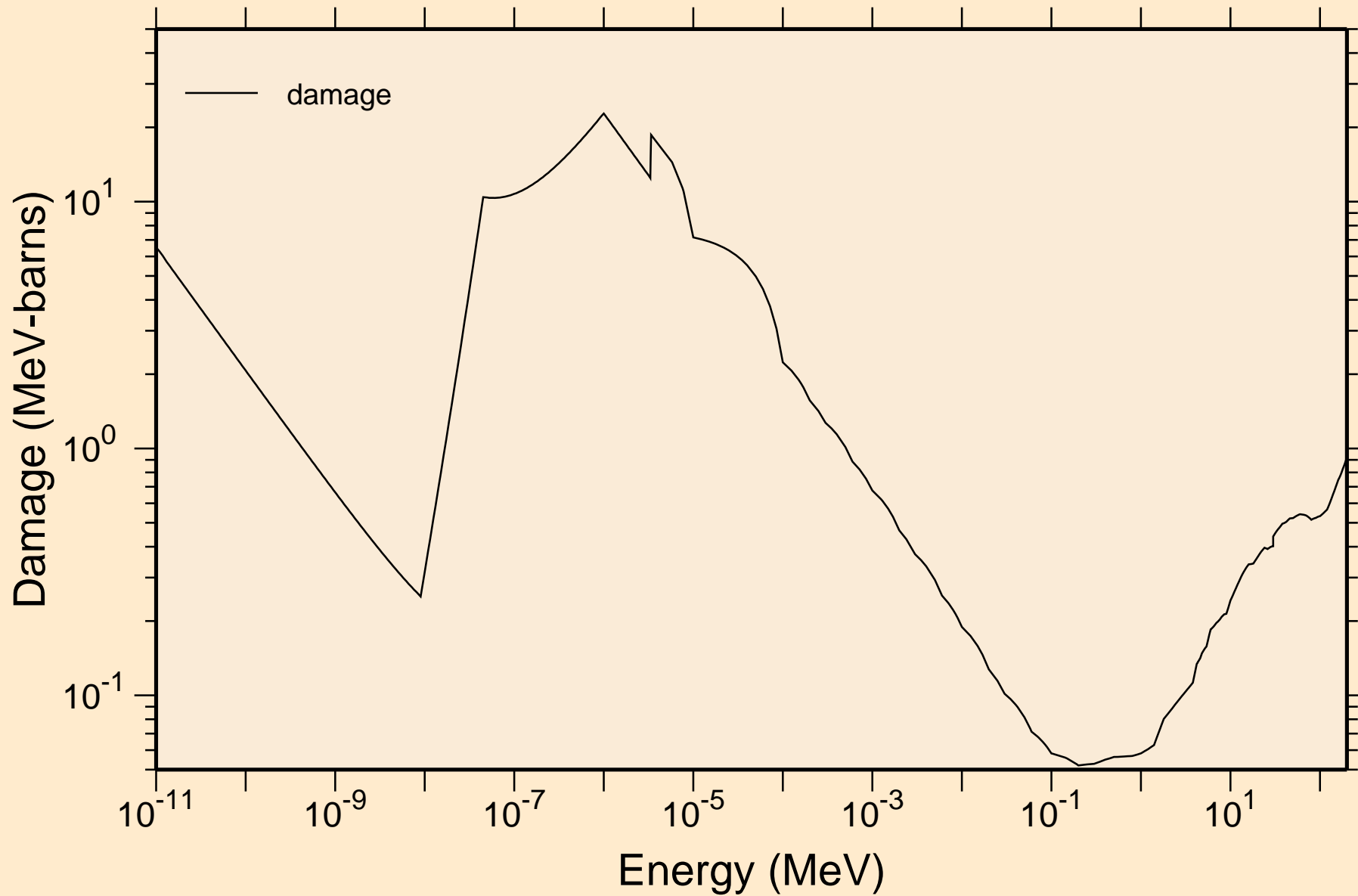


W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

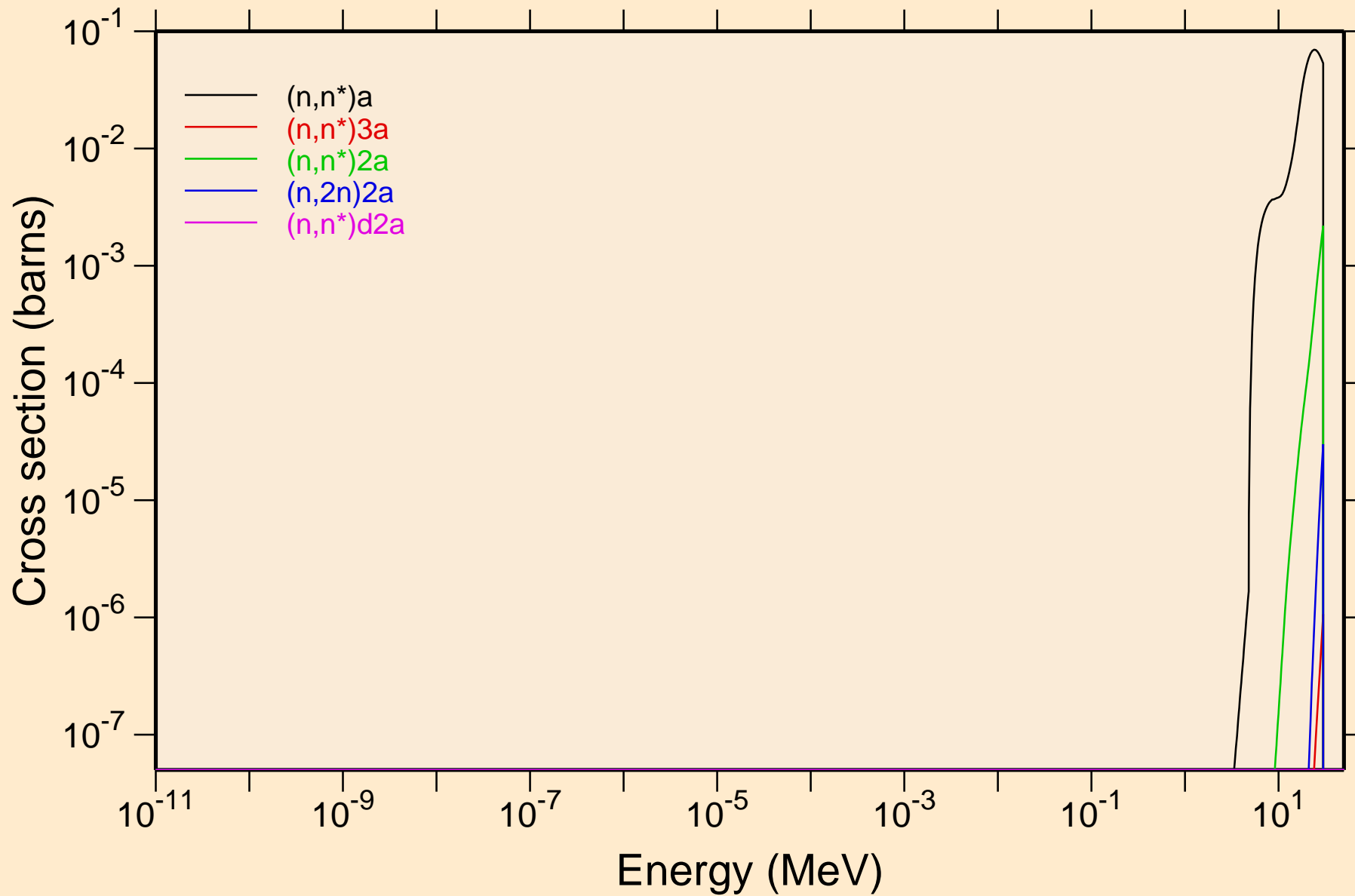


W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Damage

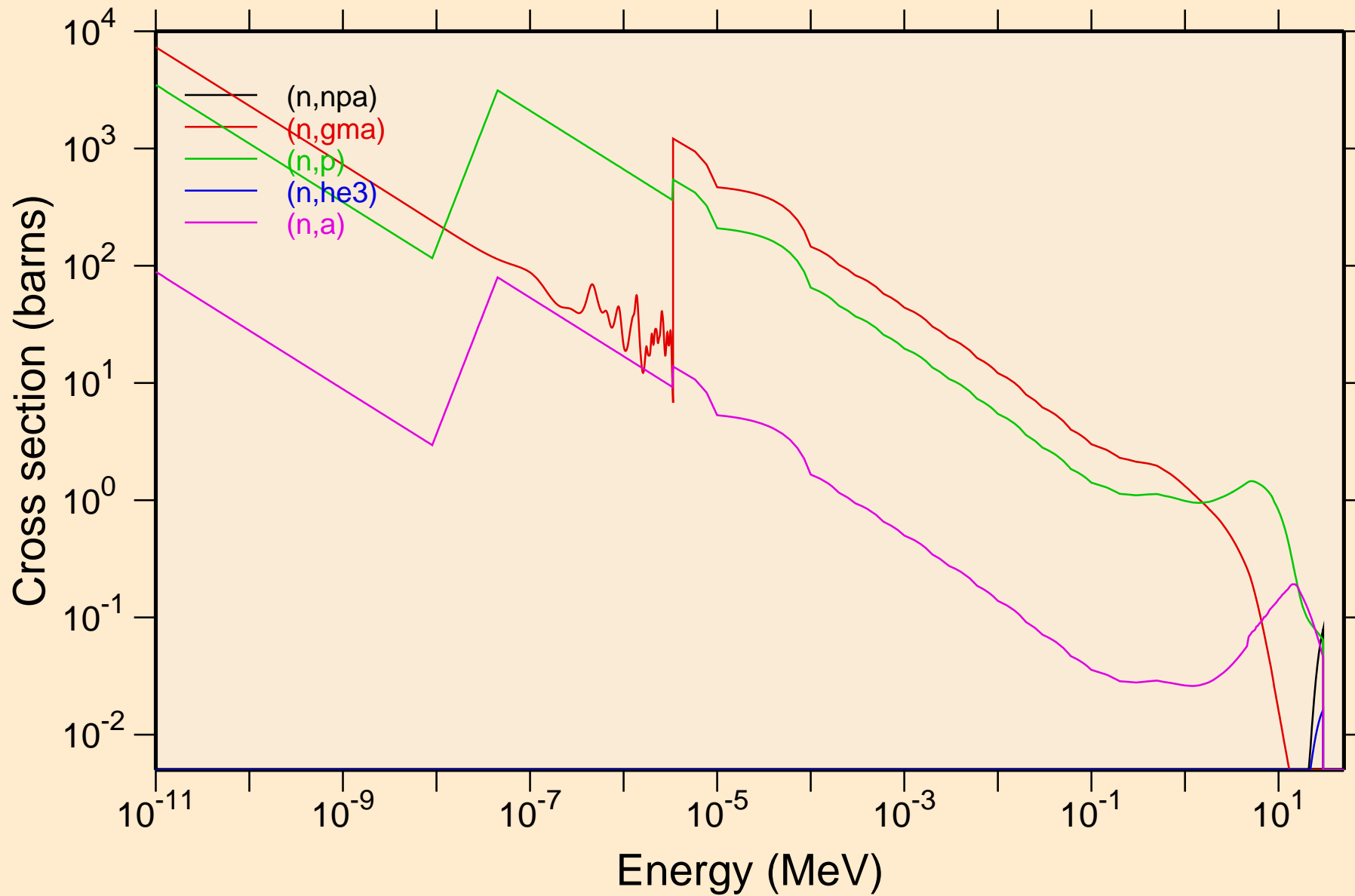


W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

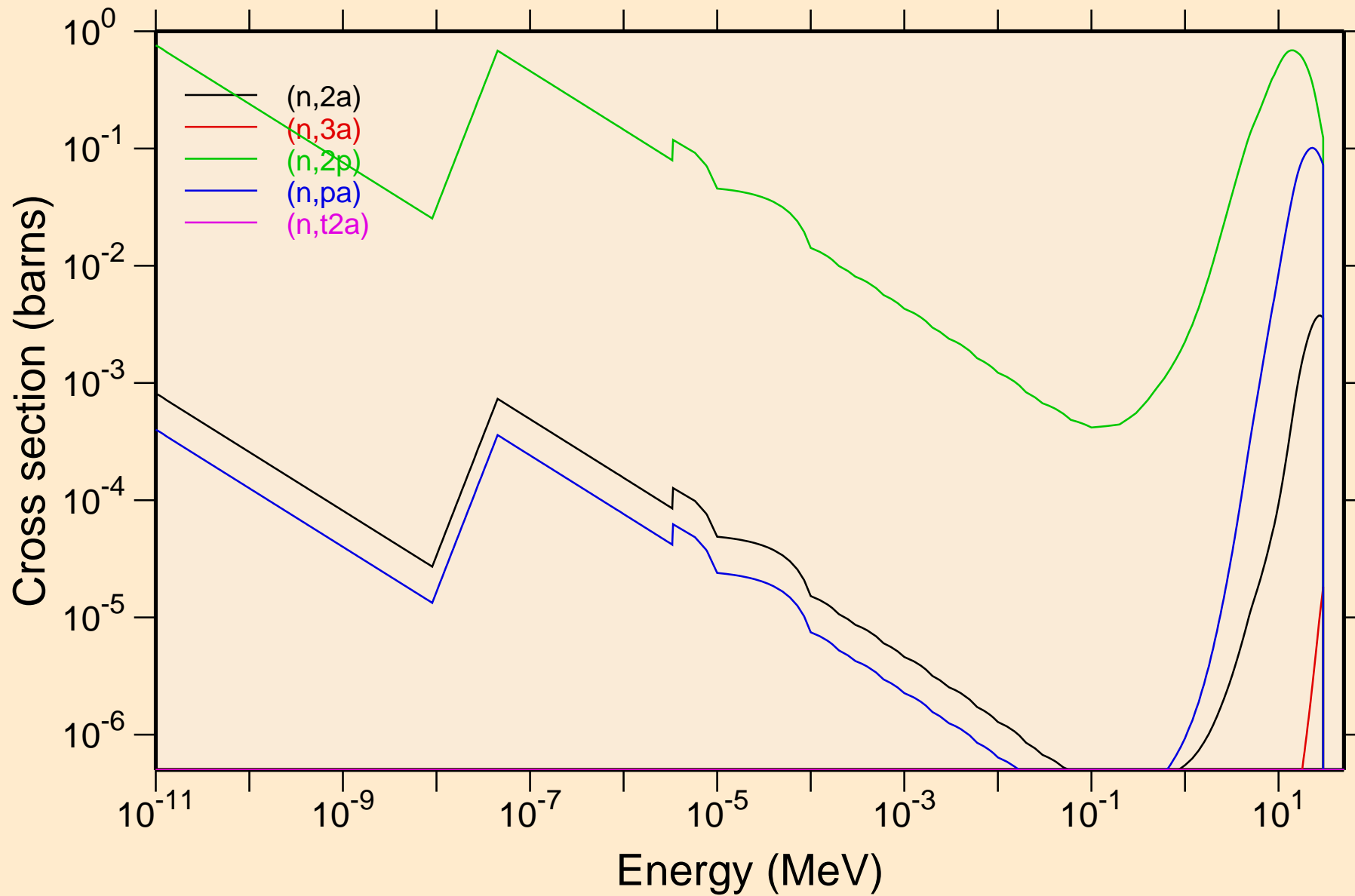


W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



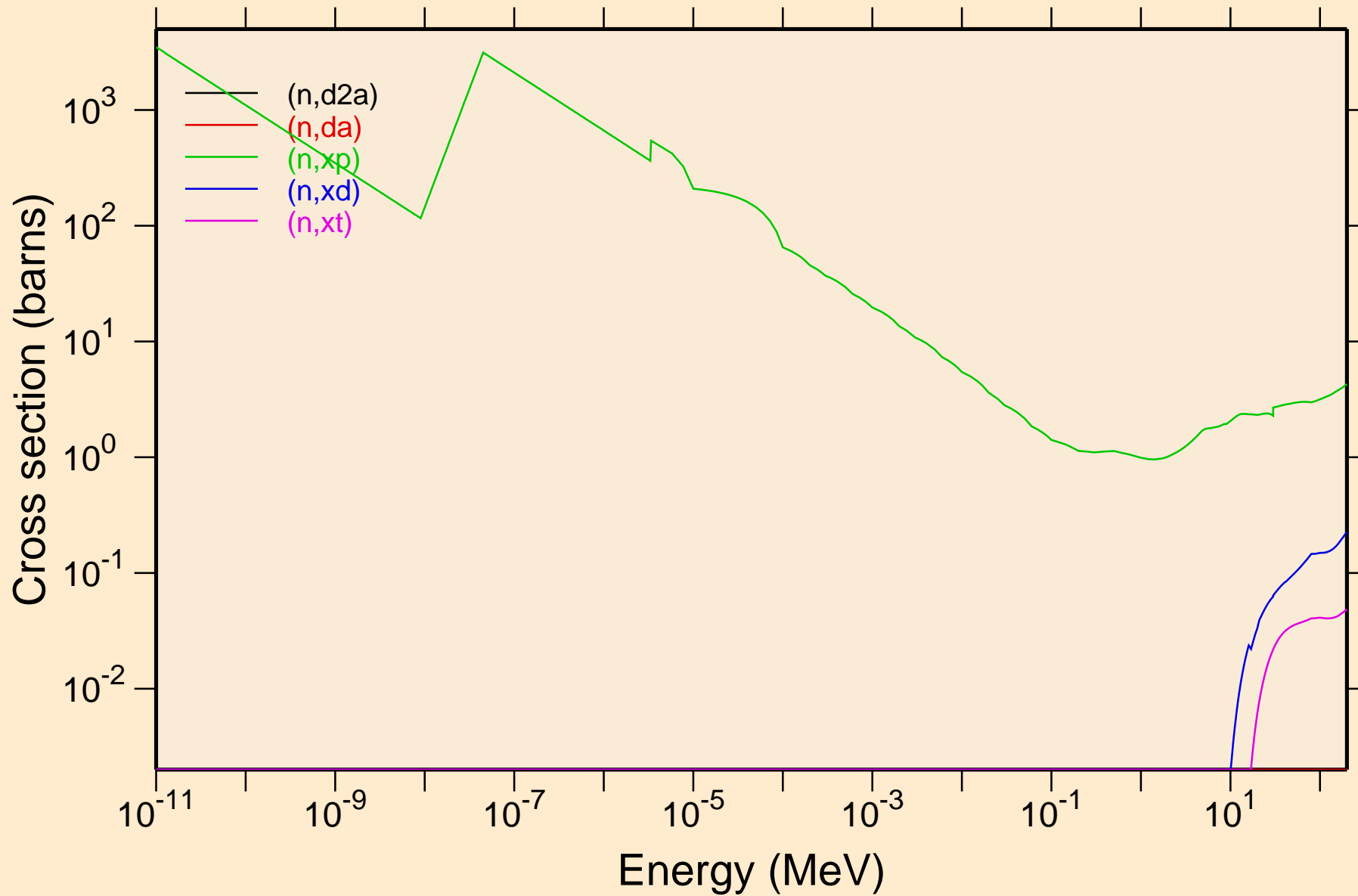
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

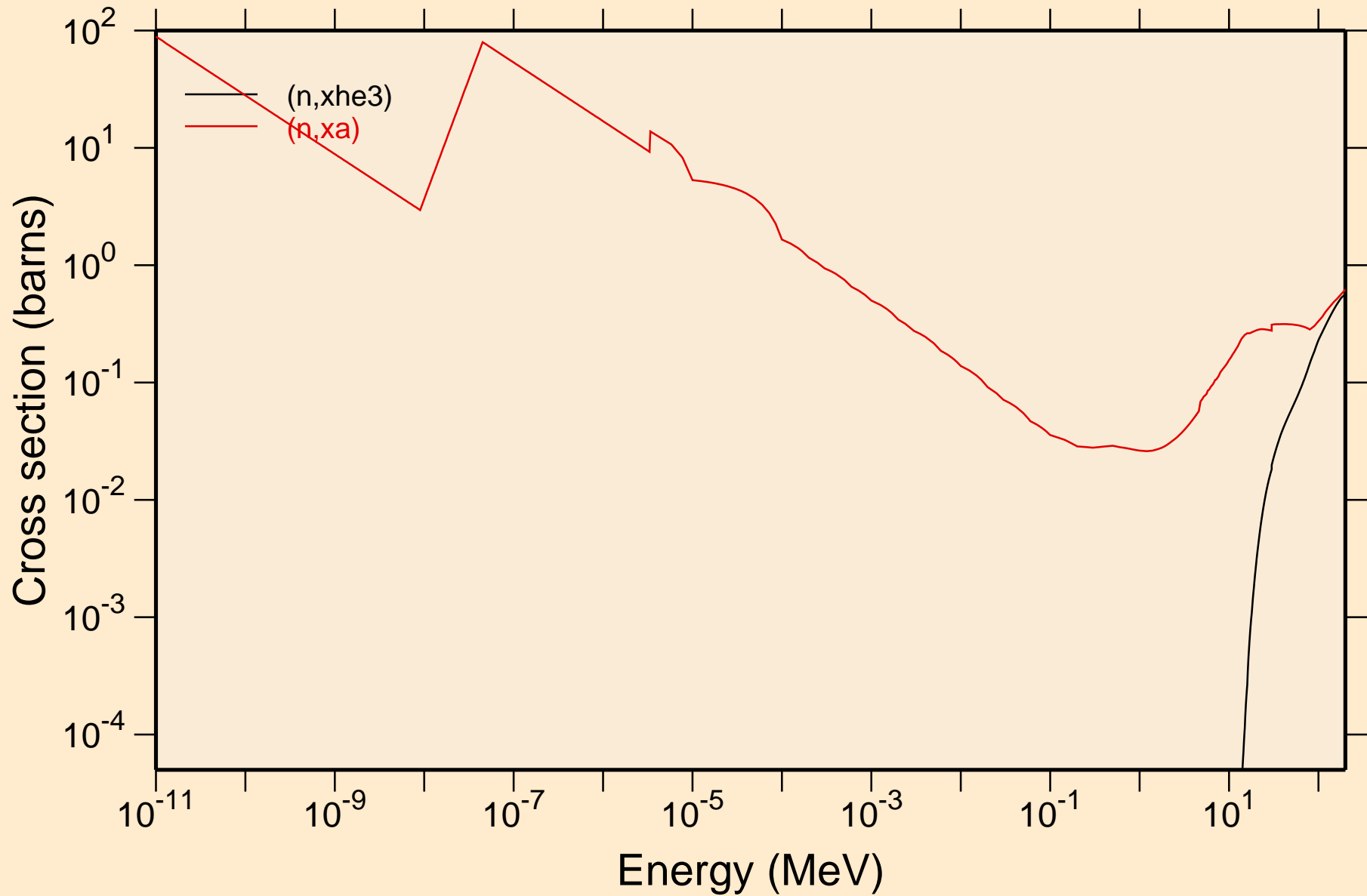


W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

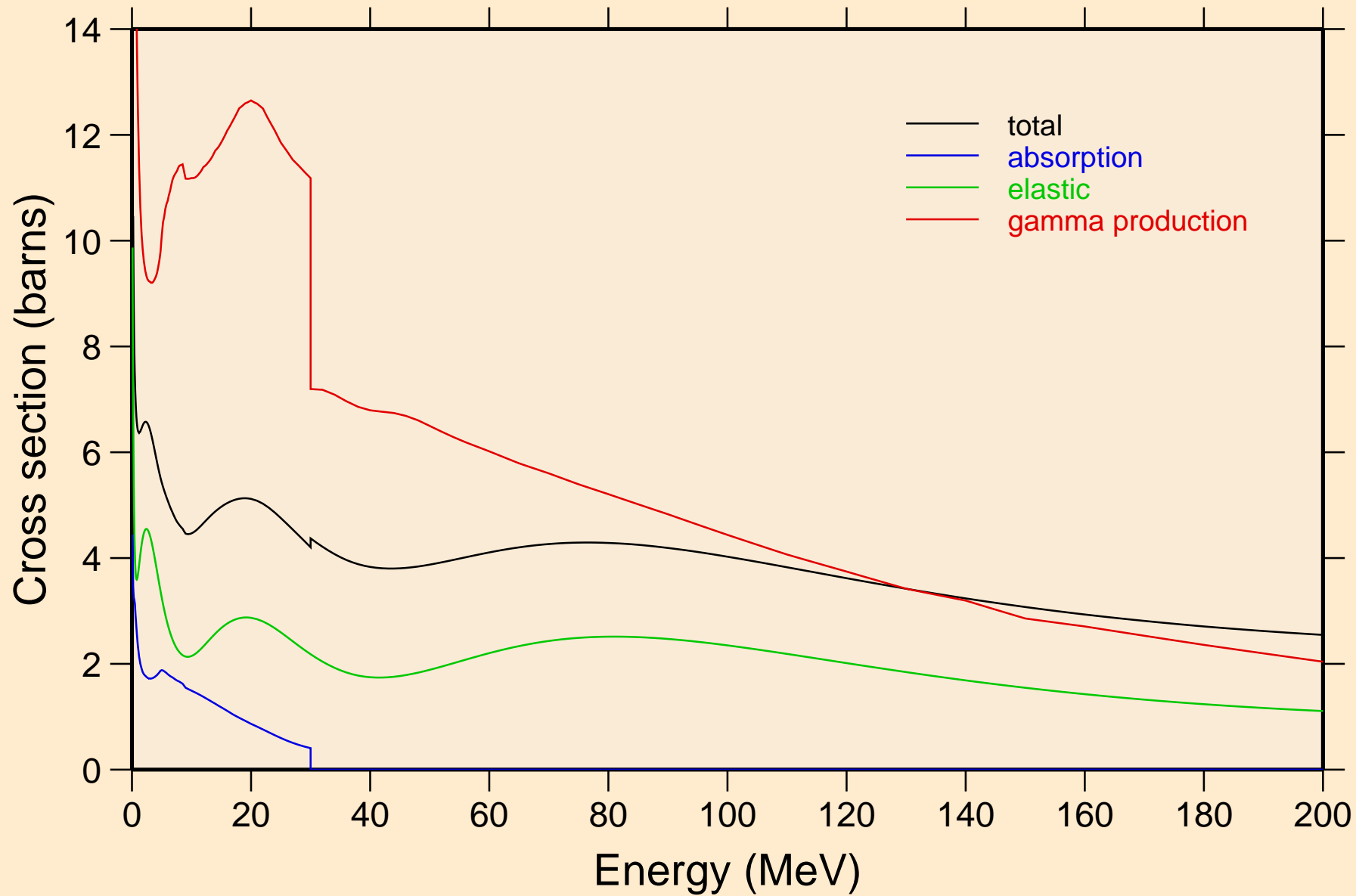


W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



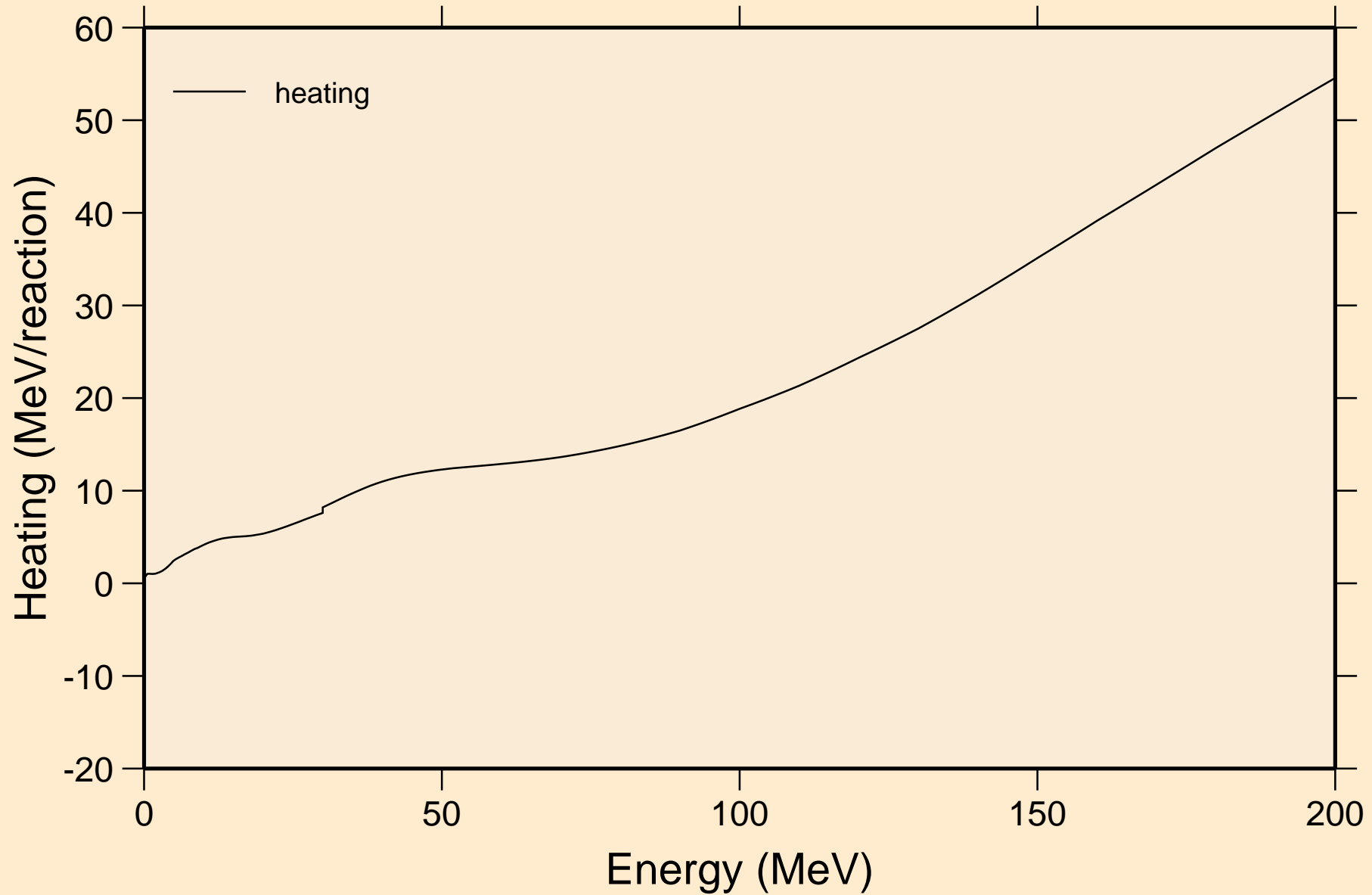
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



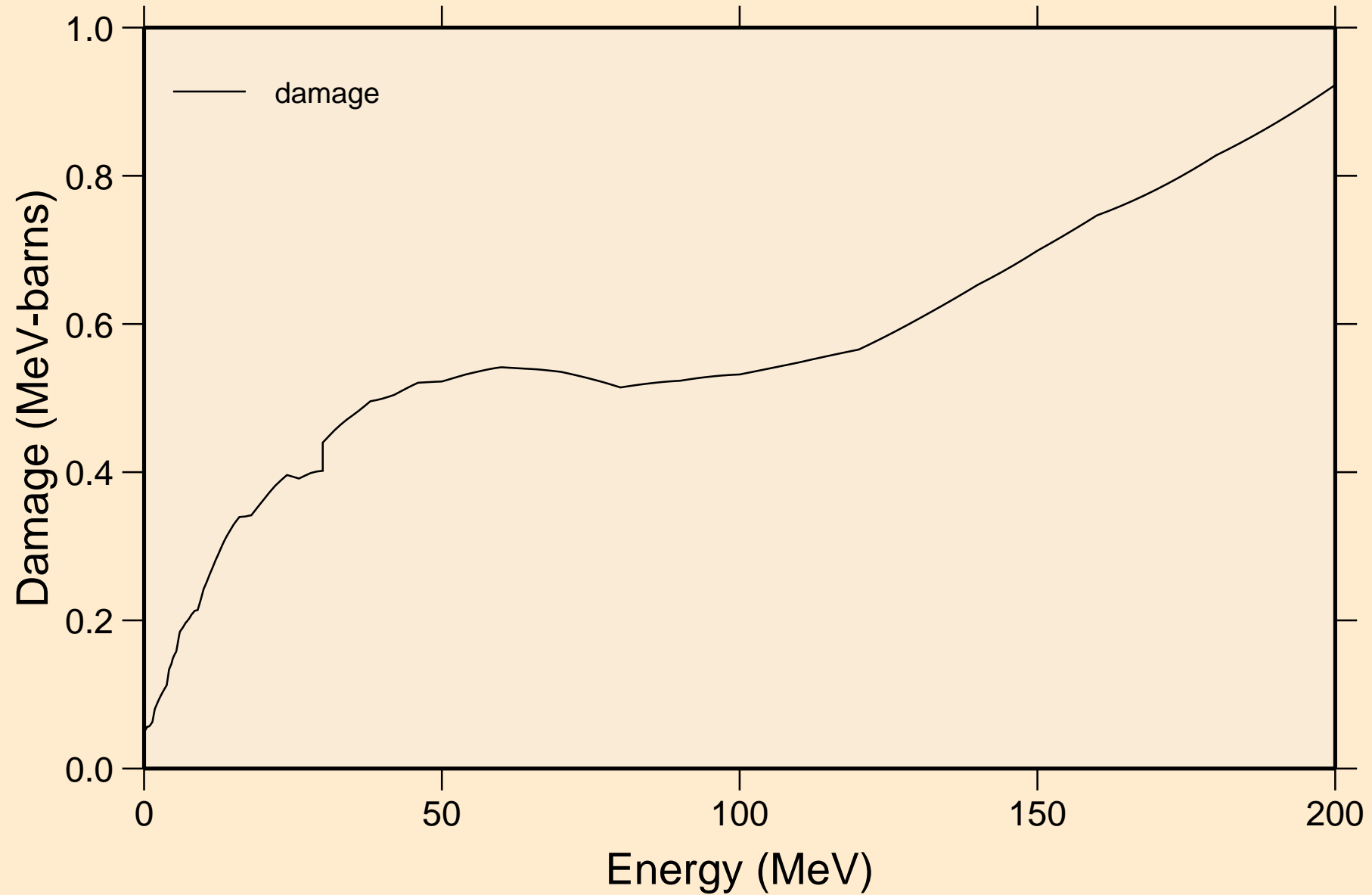
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

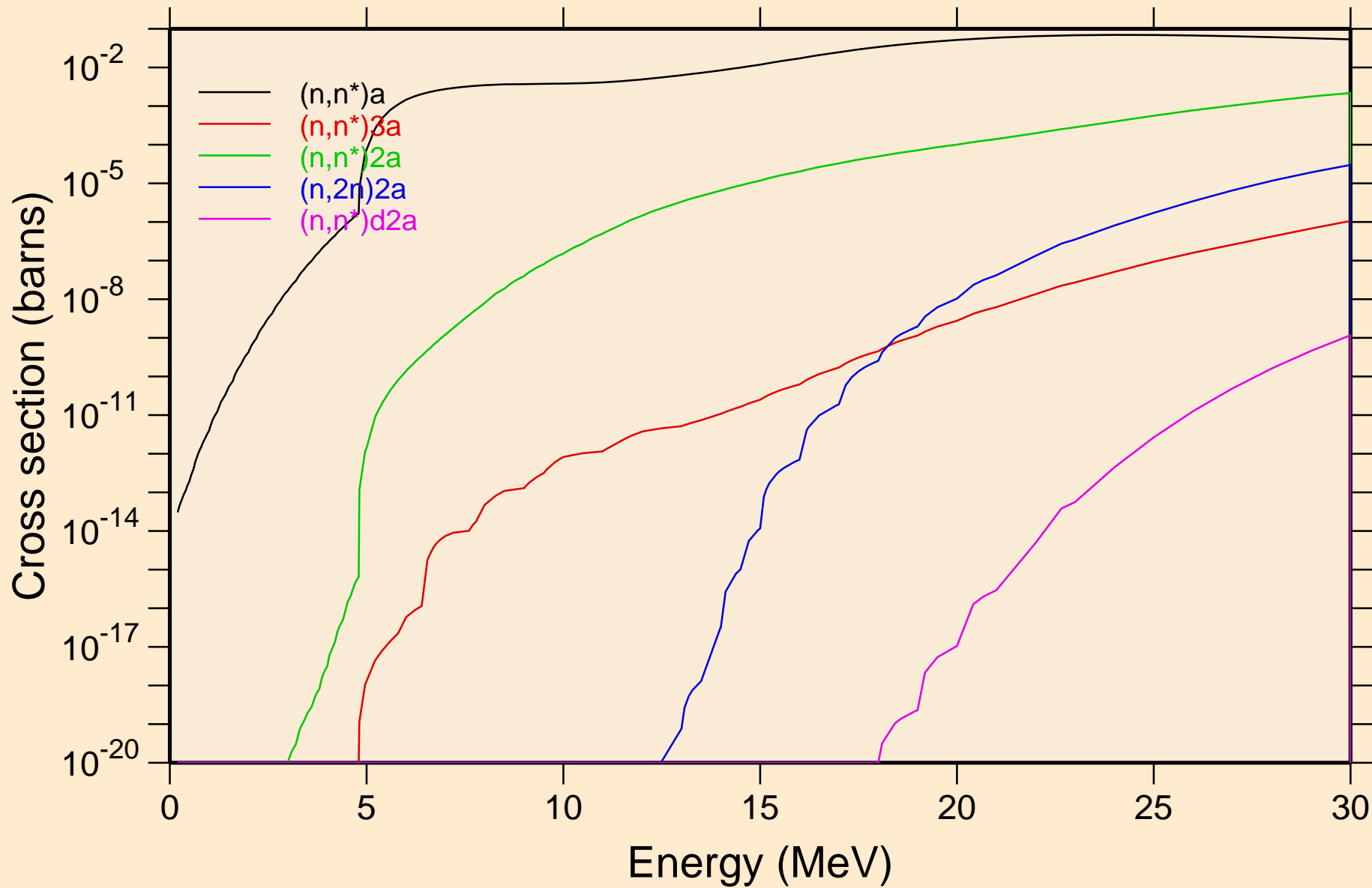


W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage

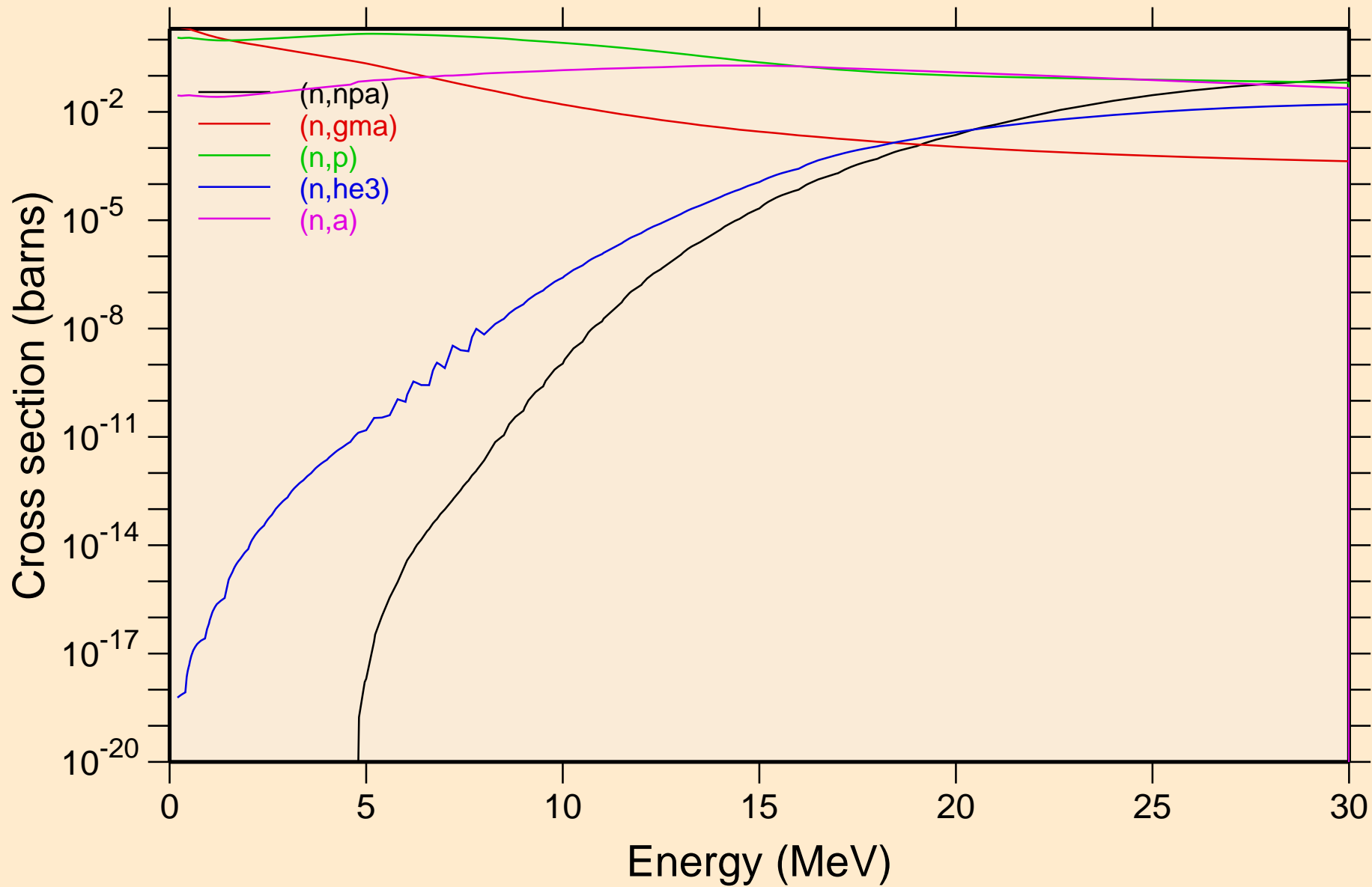


W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



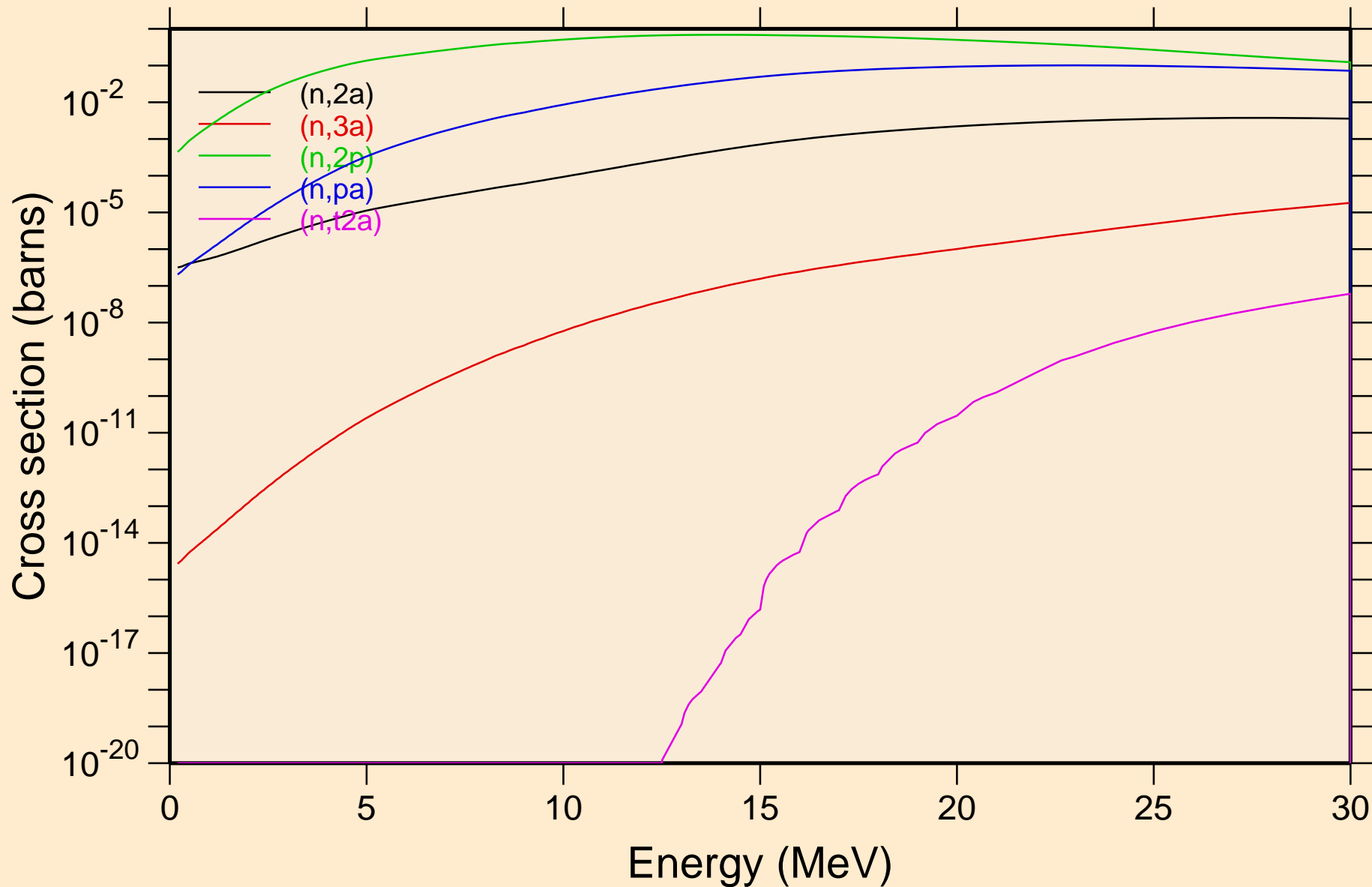
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

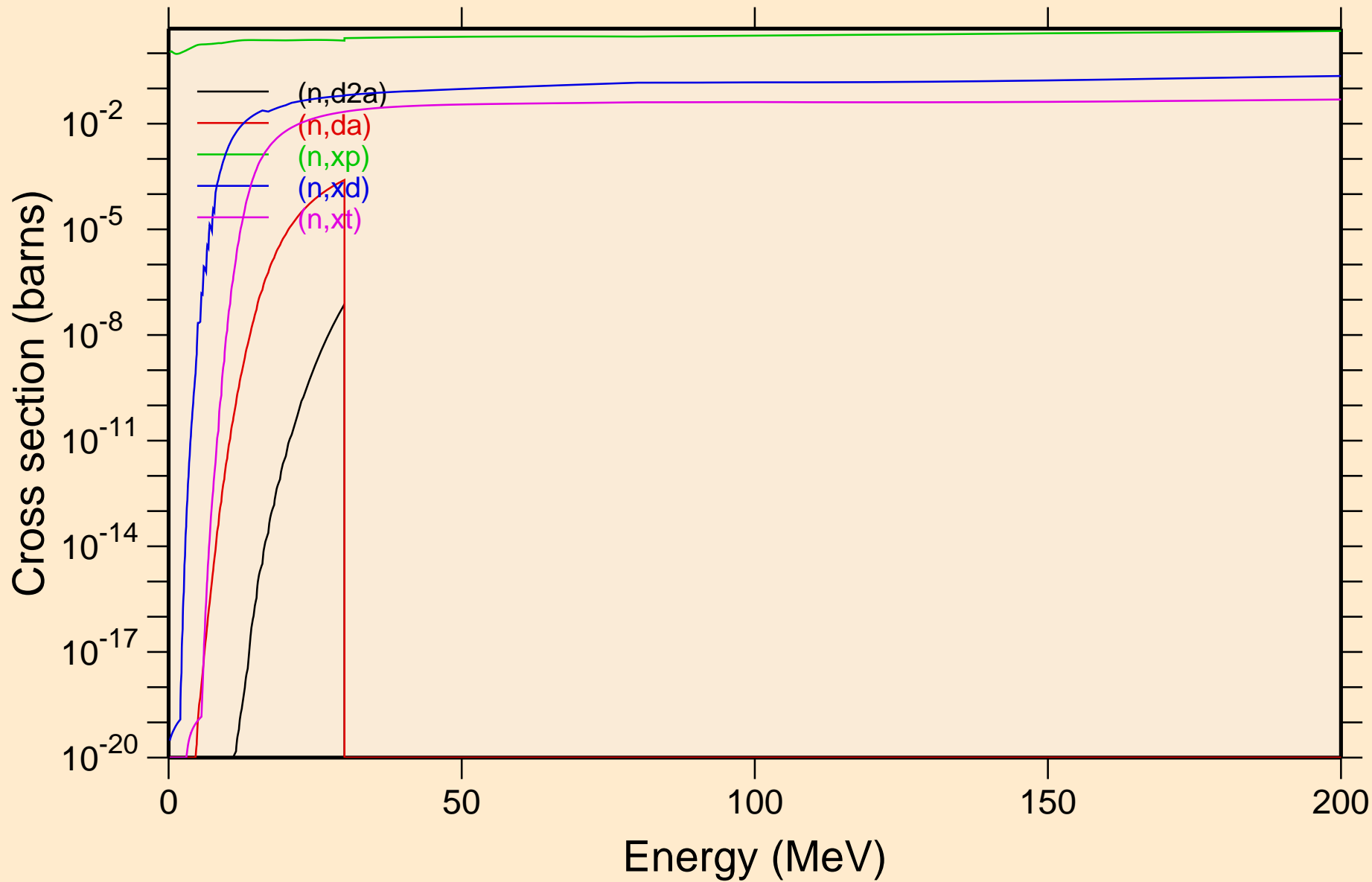


W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

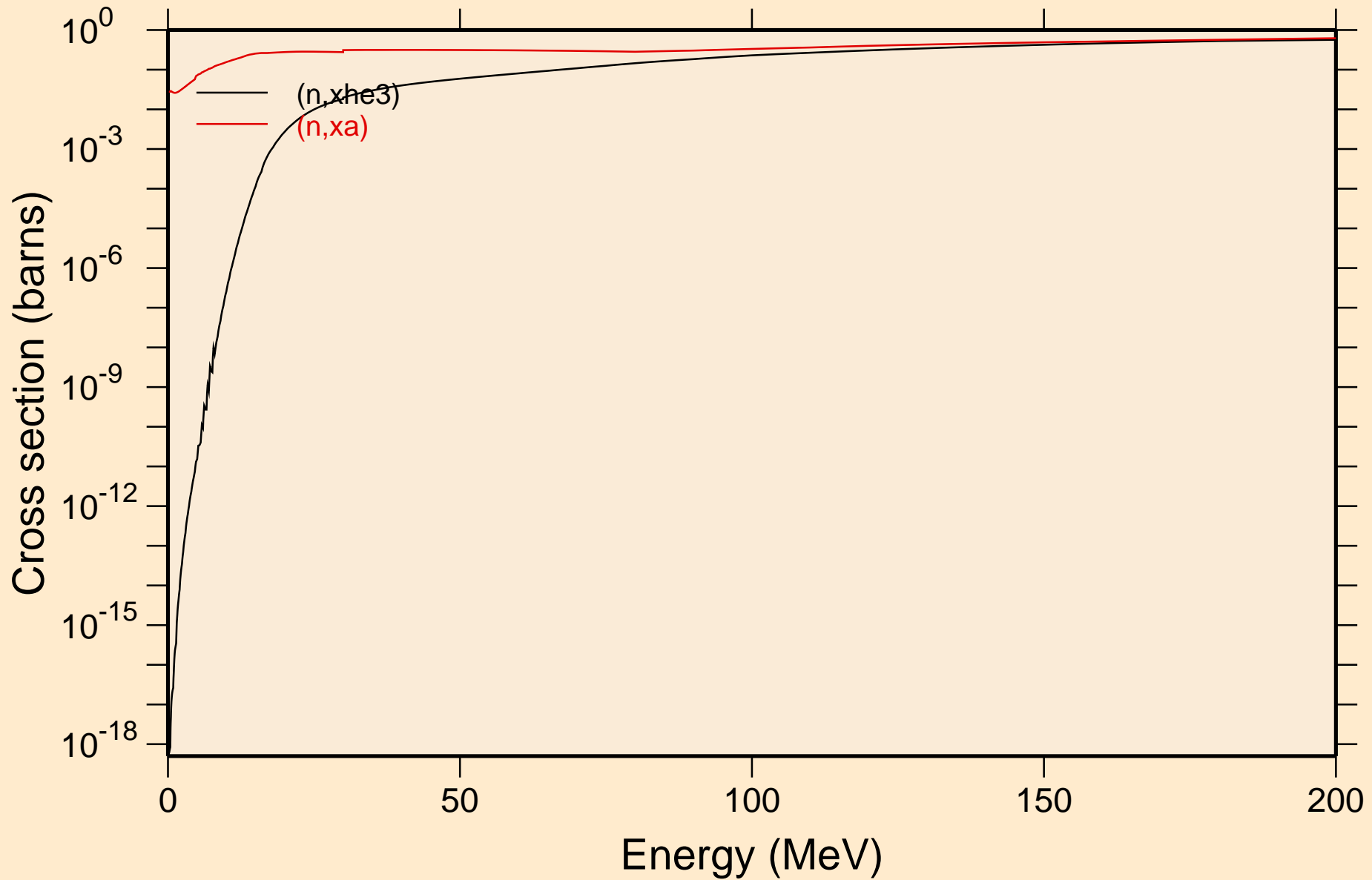
Non-threshold reactions



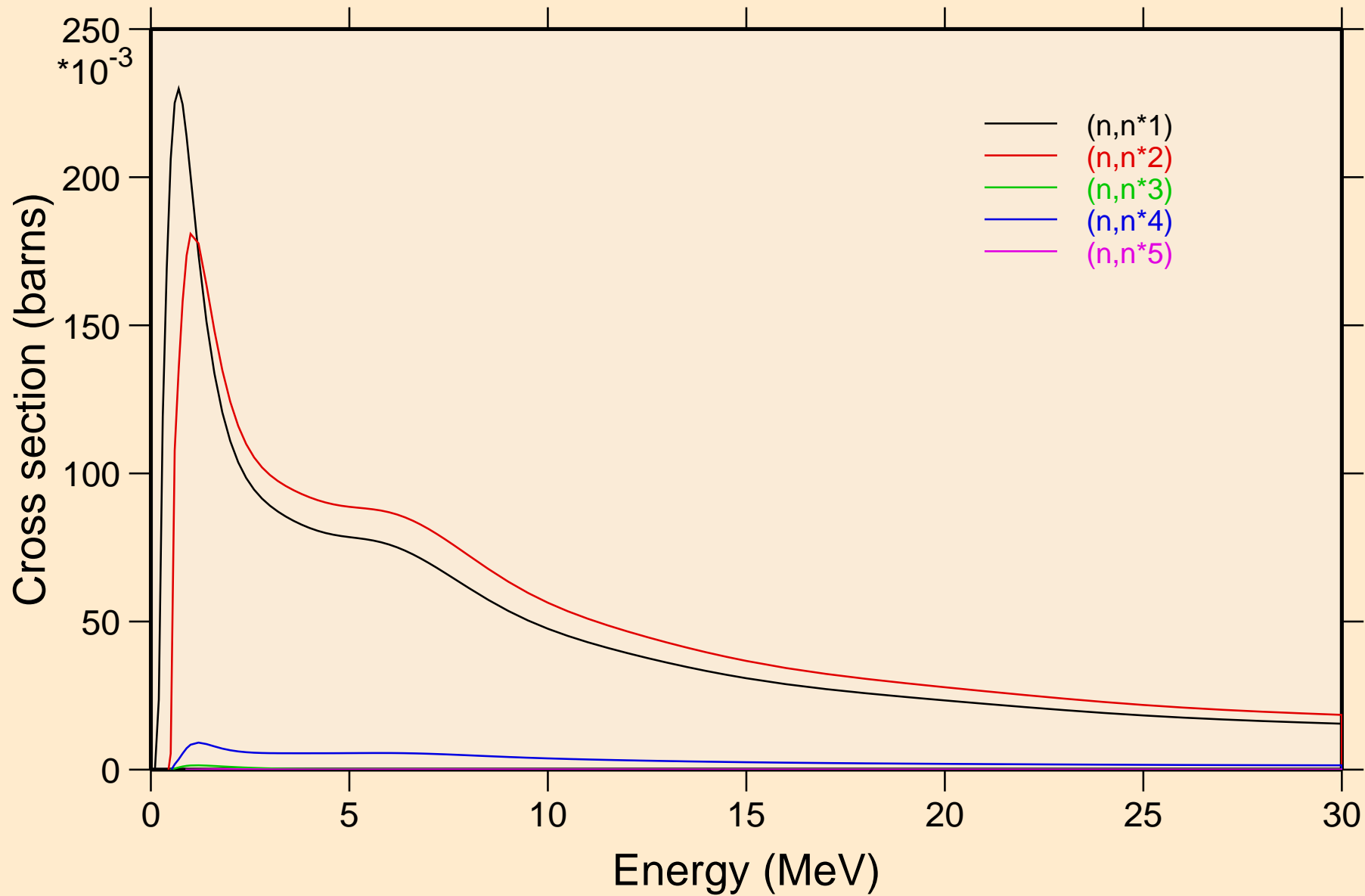
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



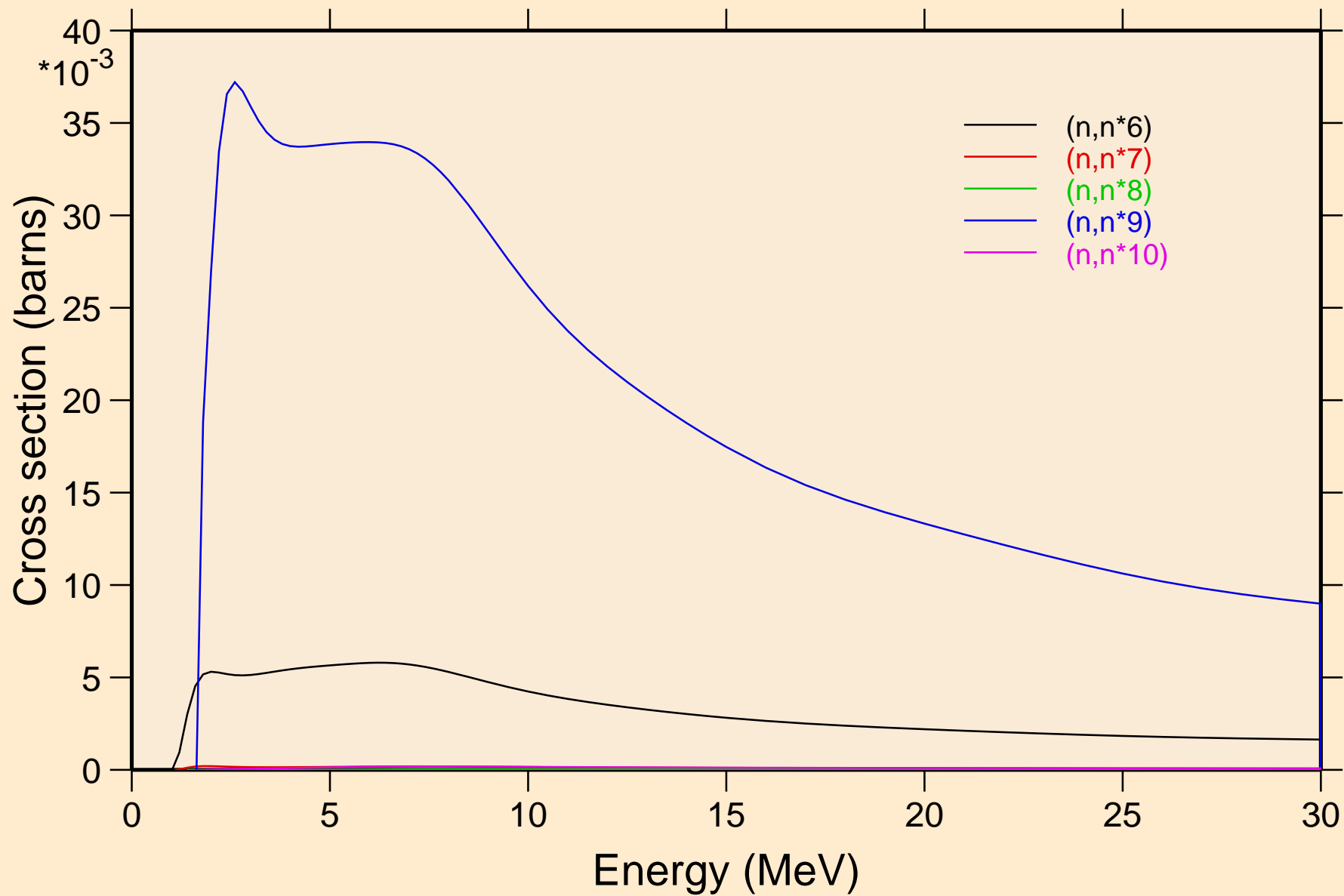
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



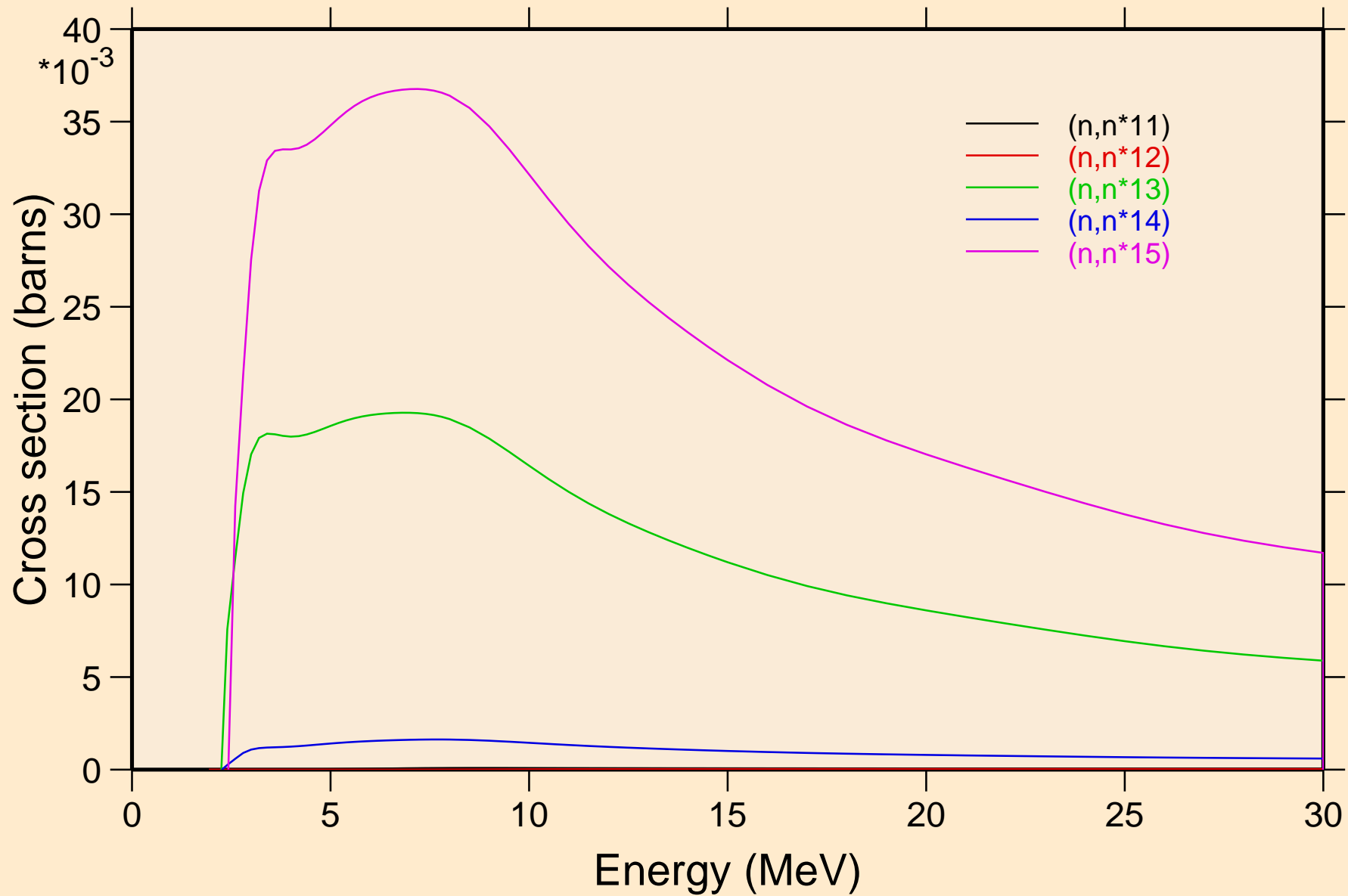
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels

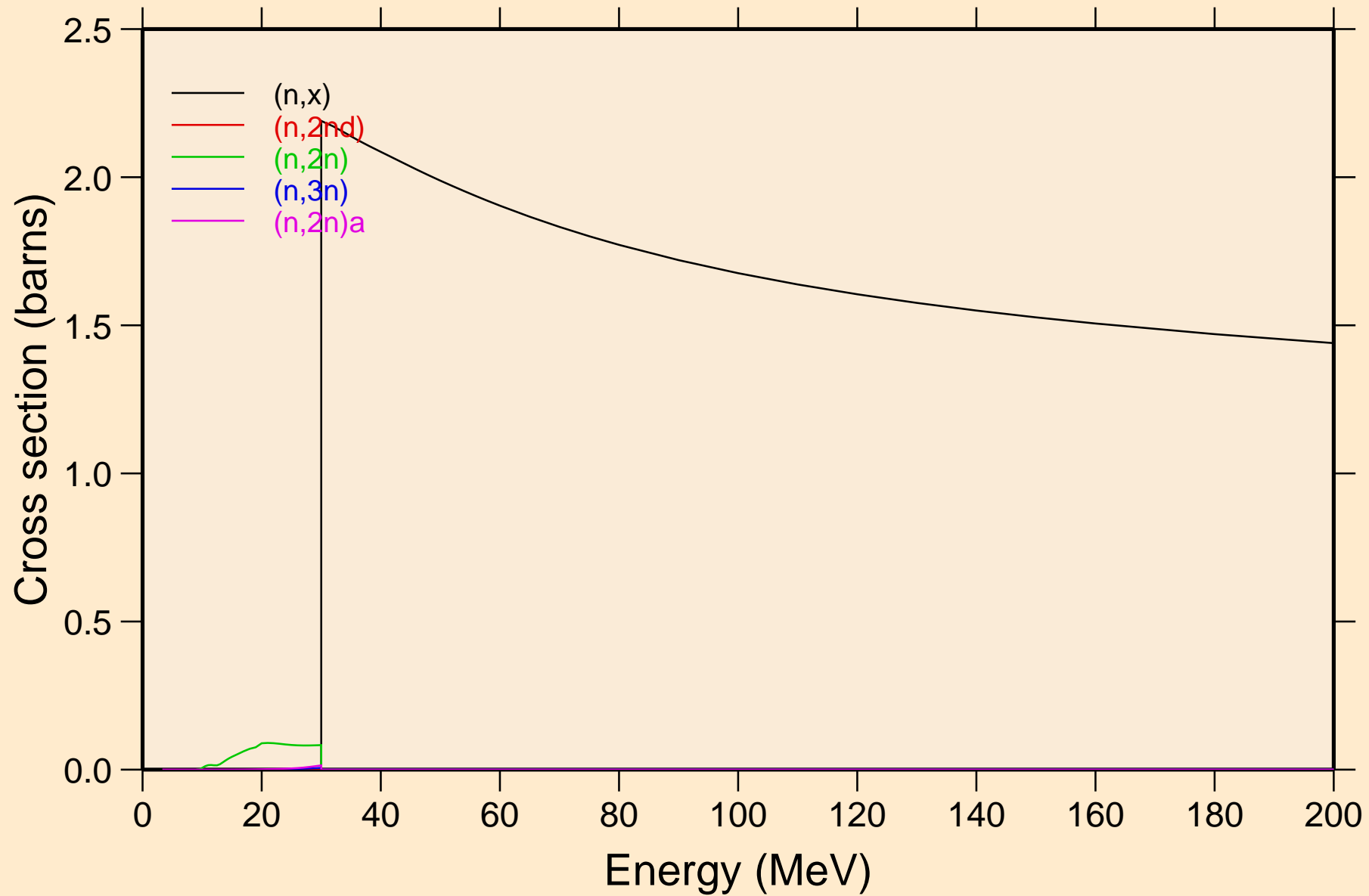


W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels

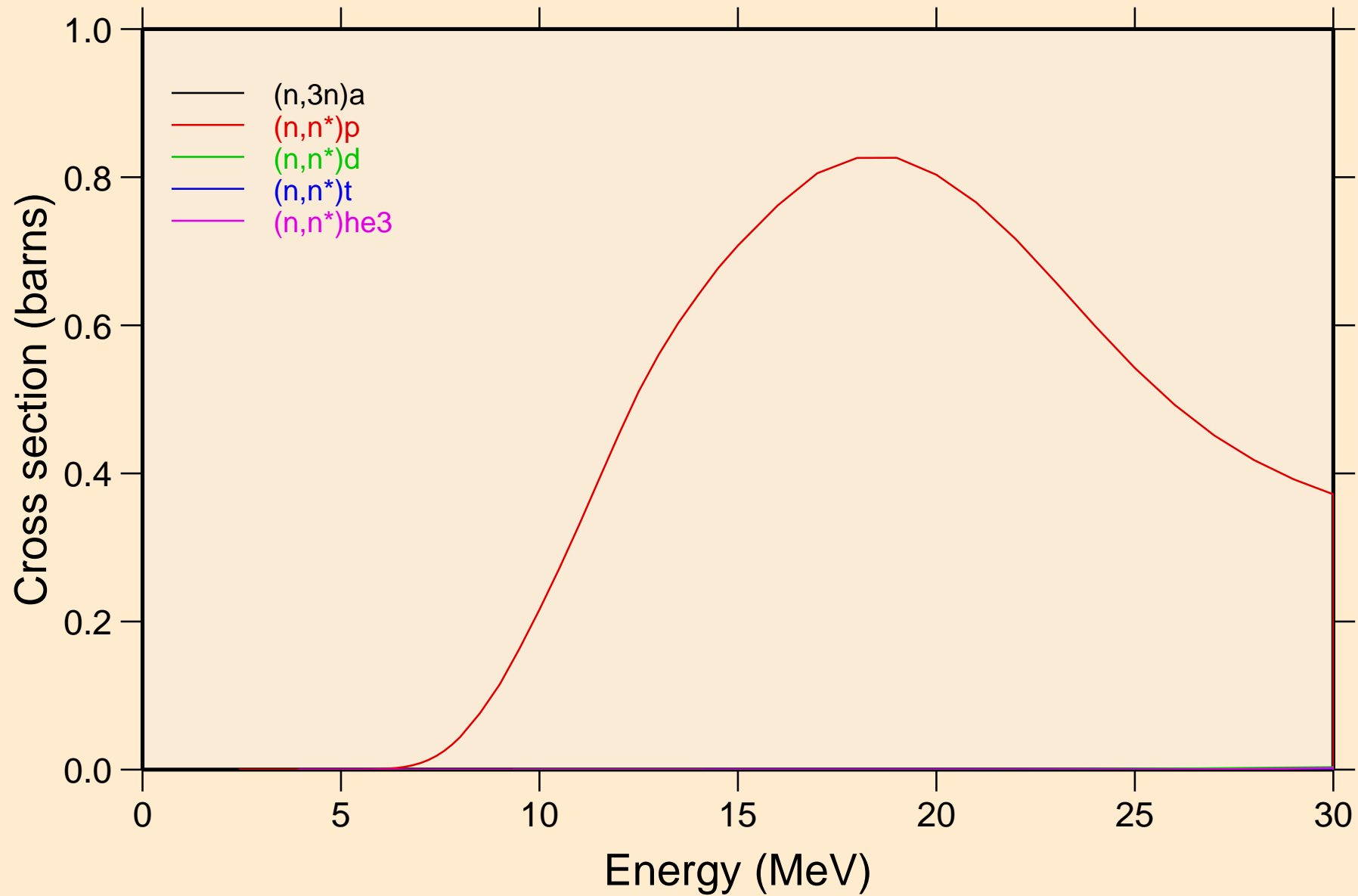


W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

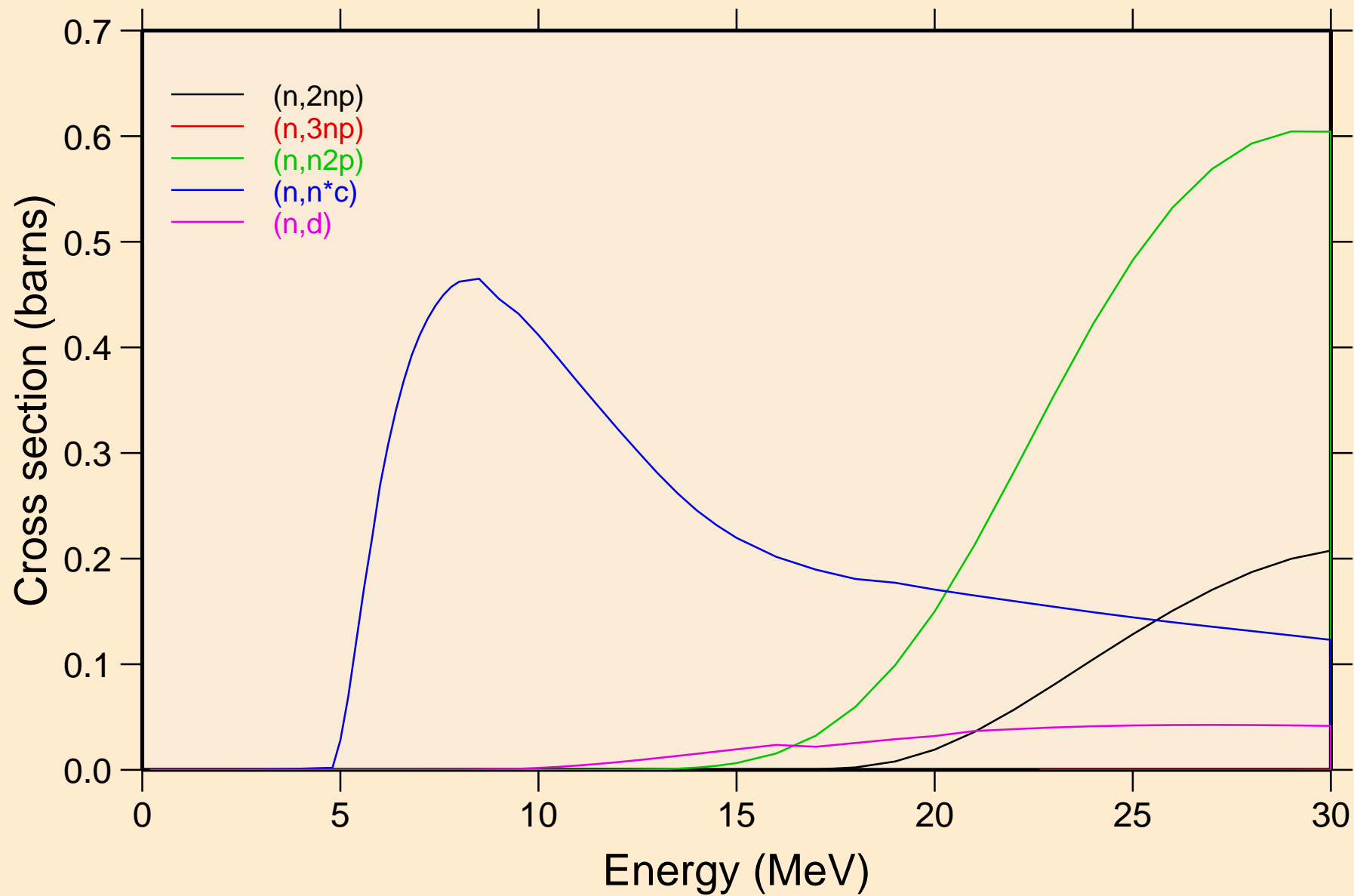
Threshold reactions



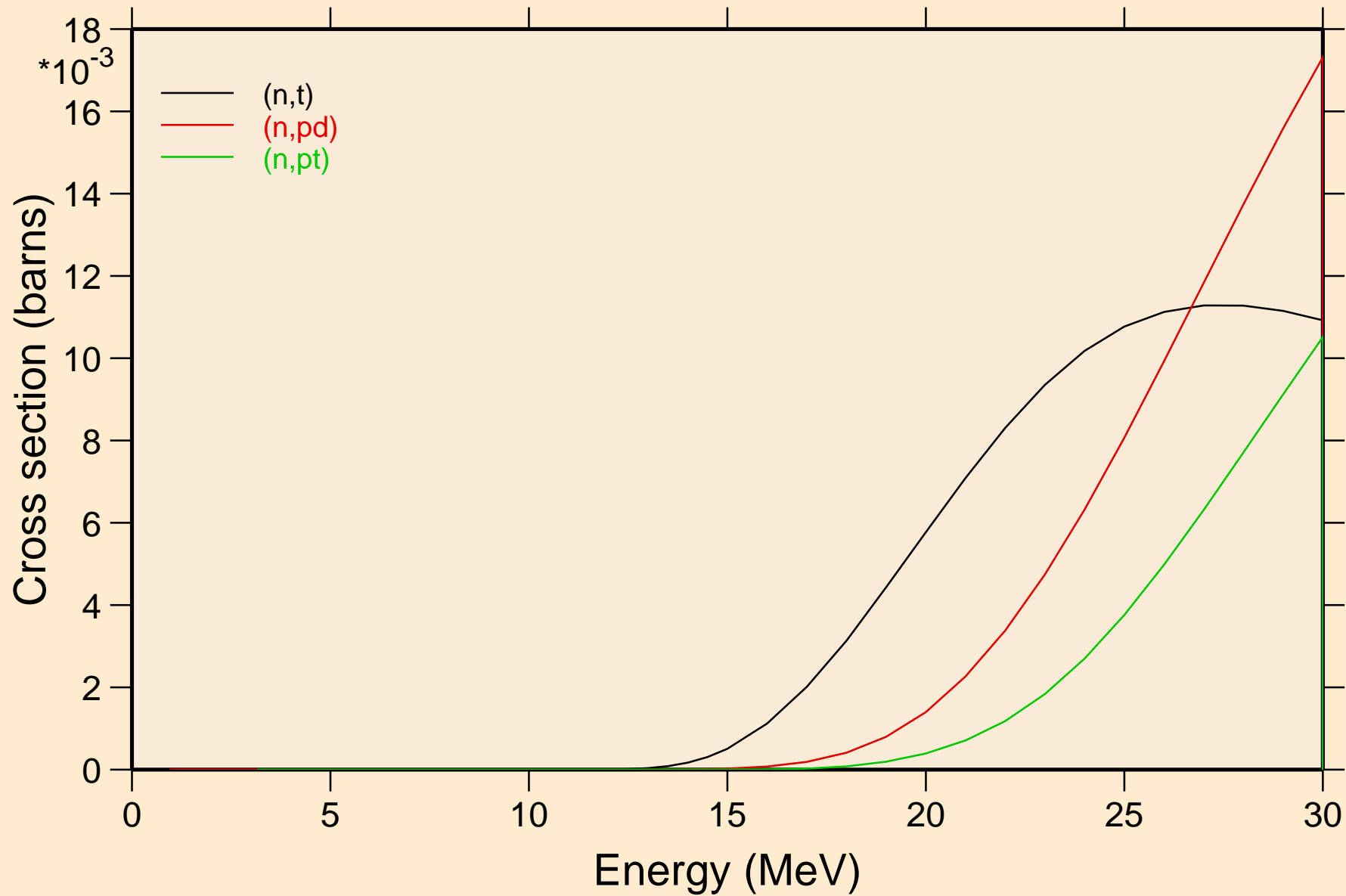
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



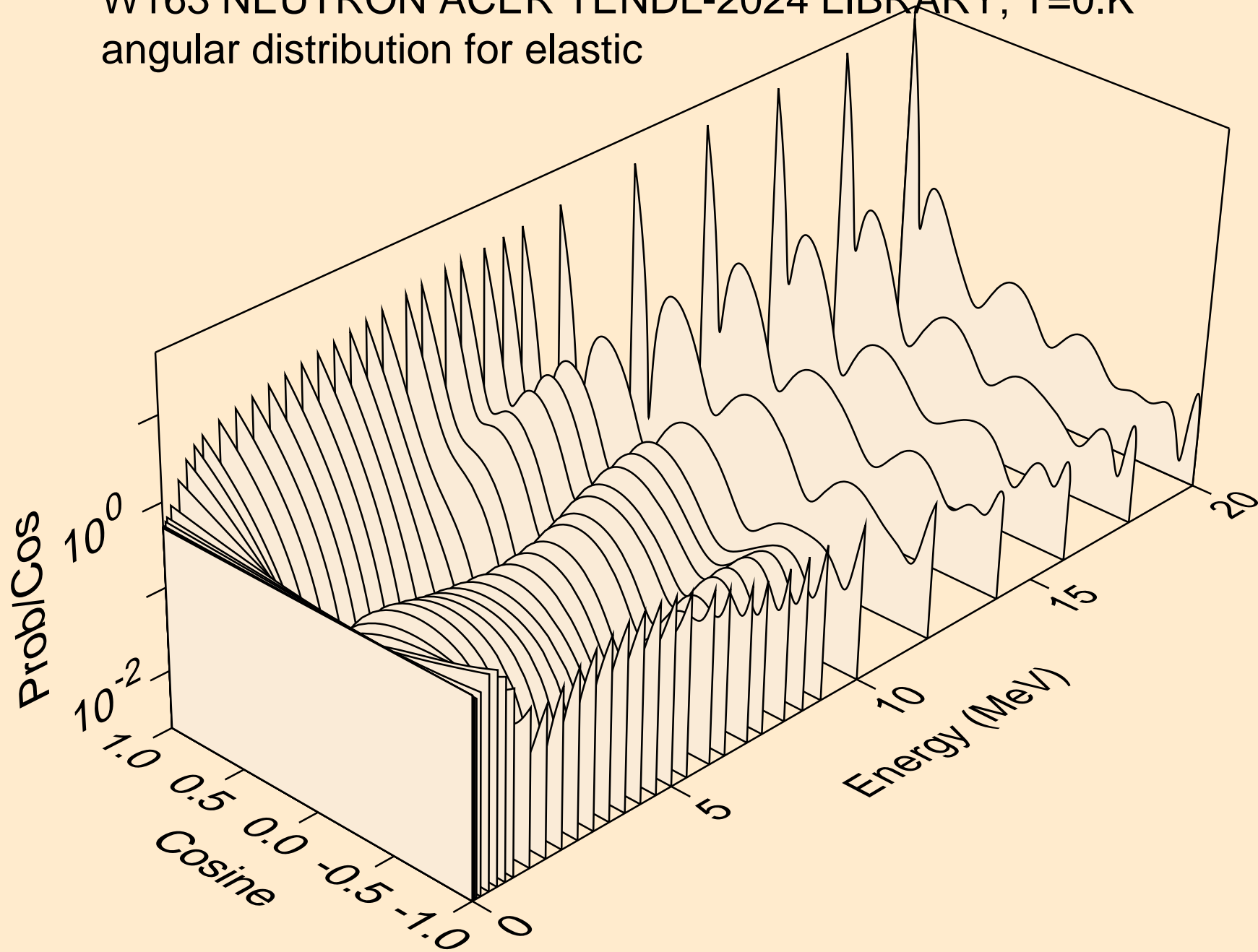
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



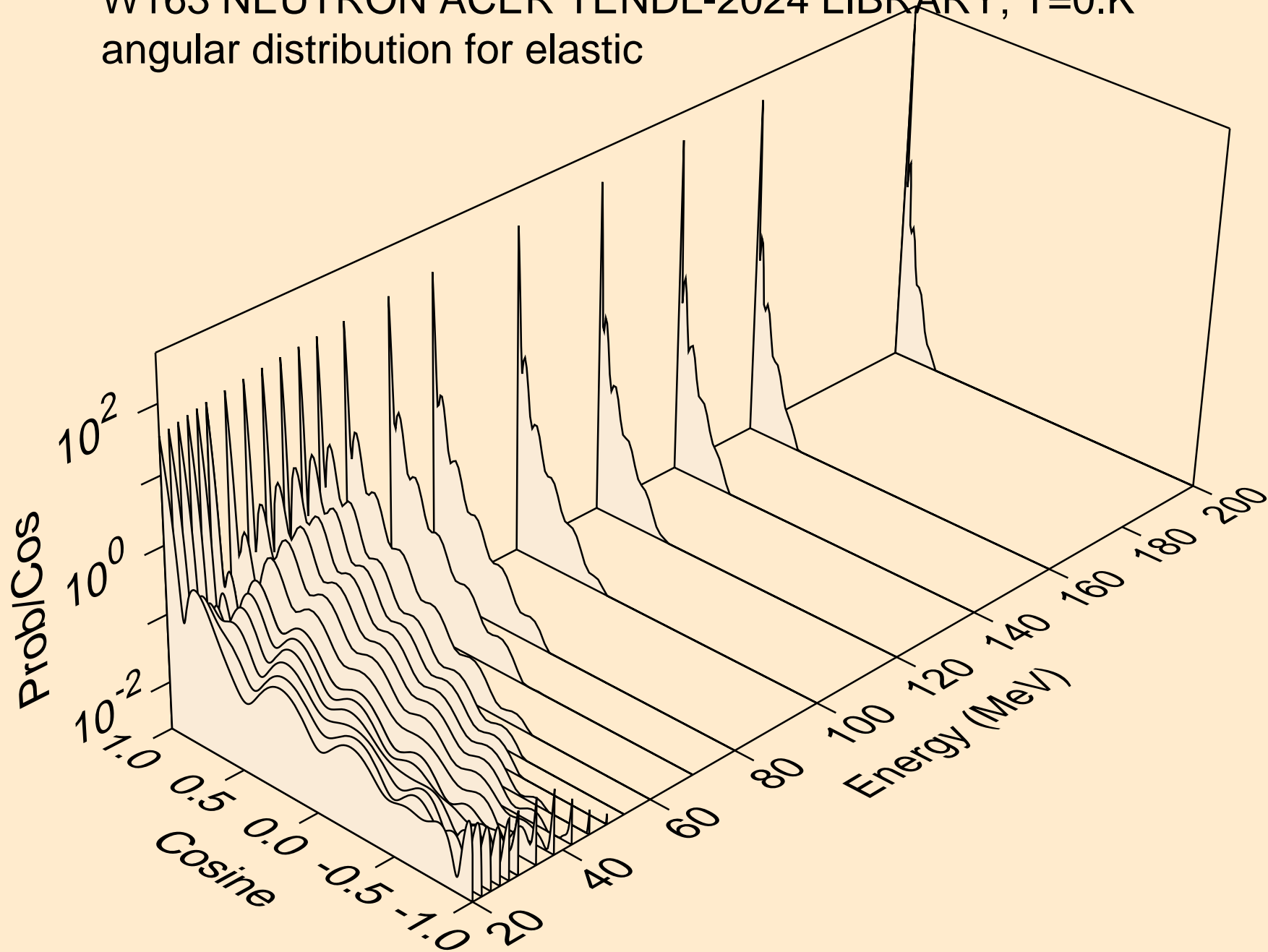
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



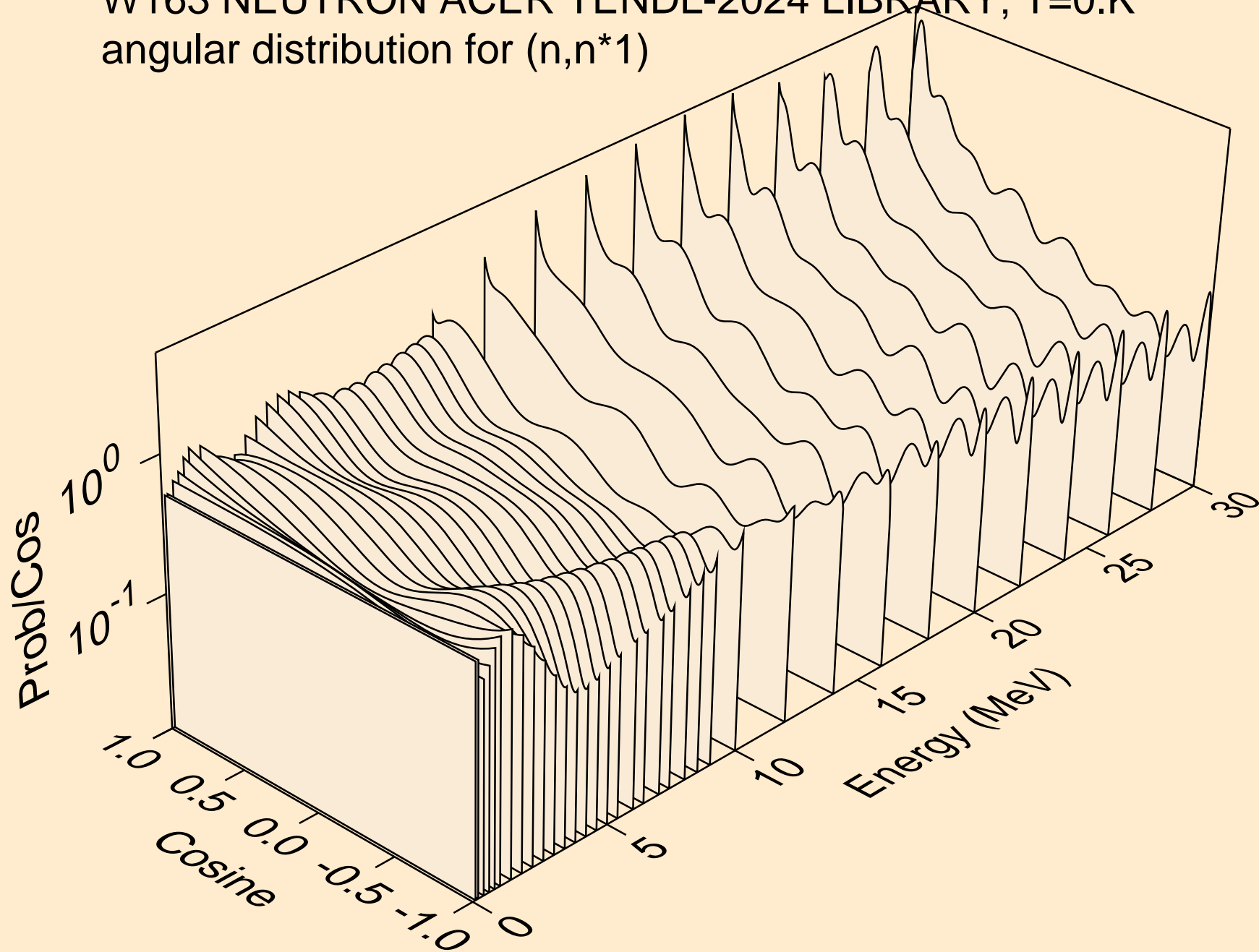
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



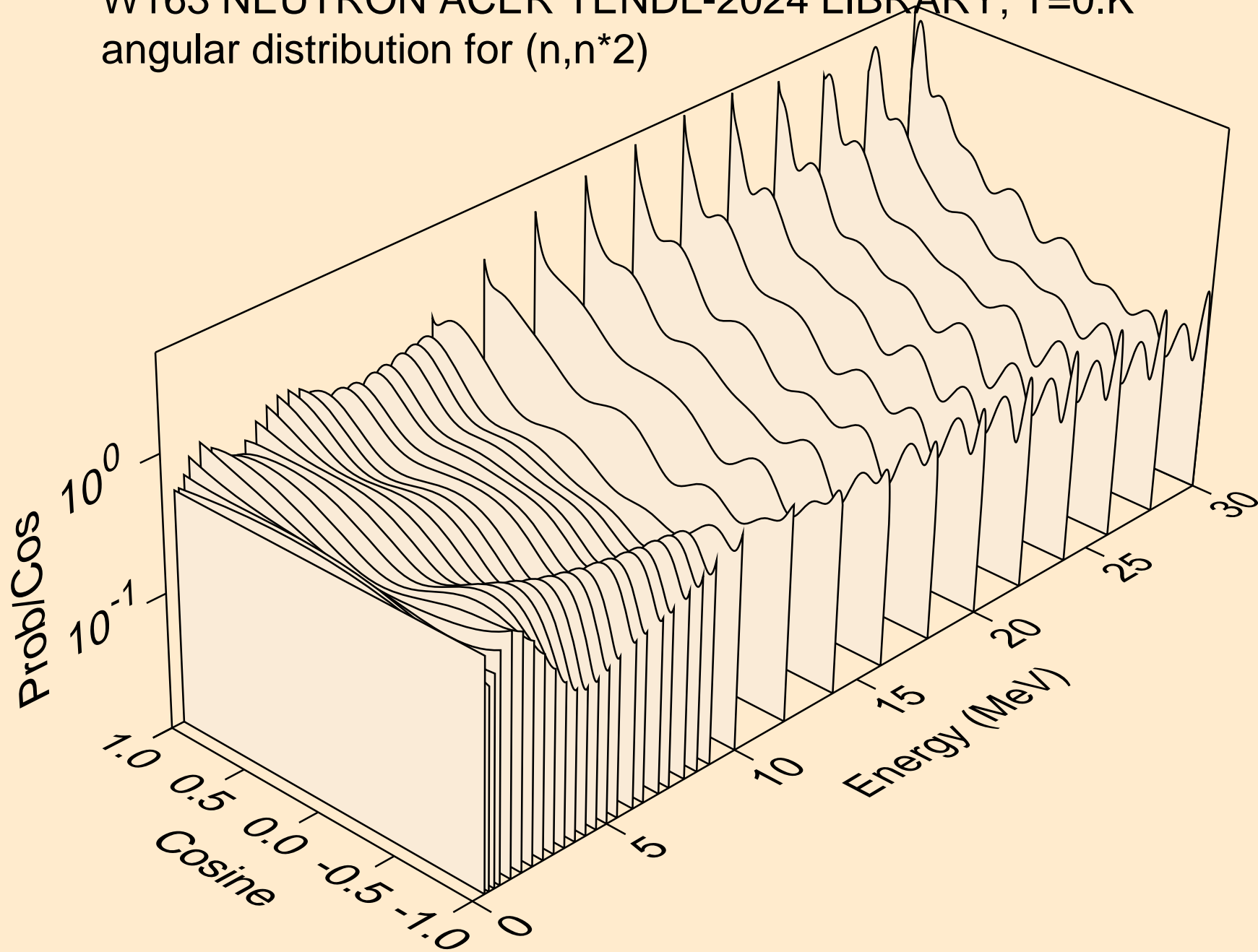
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



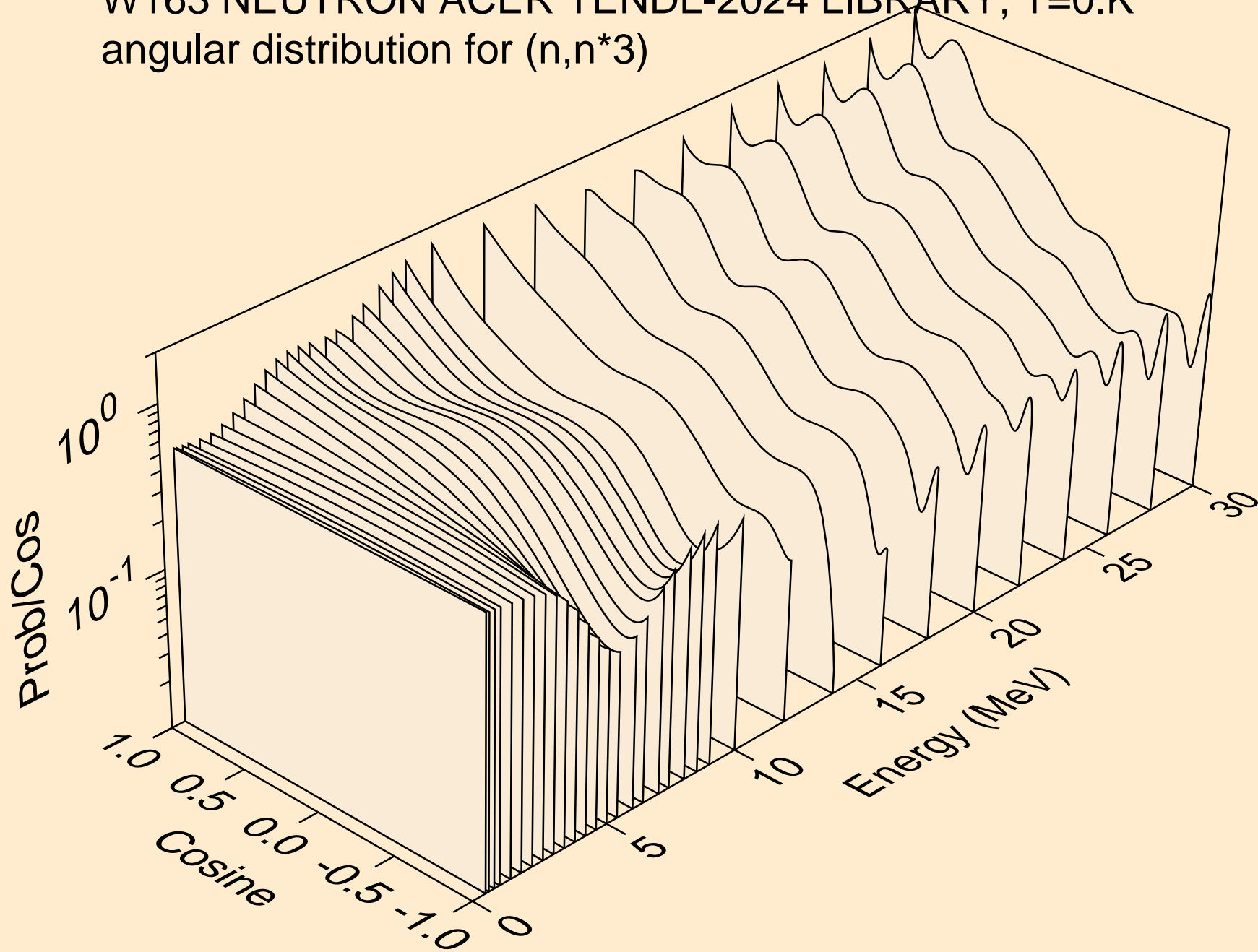
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



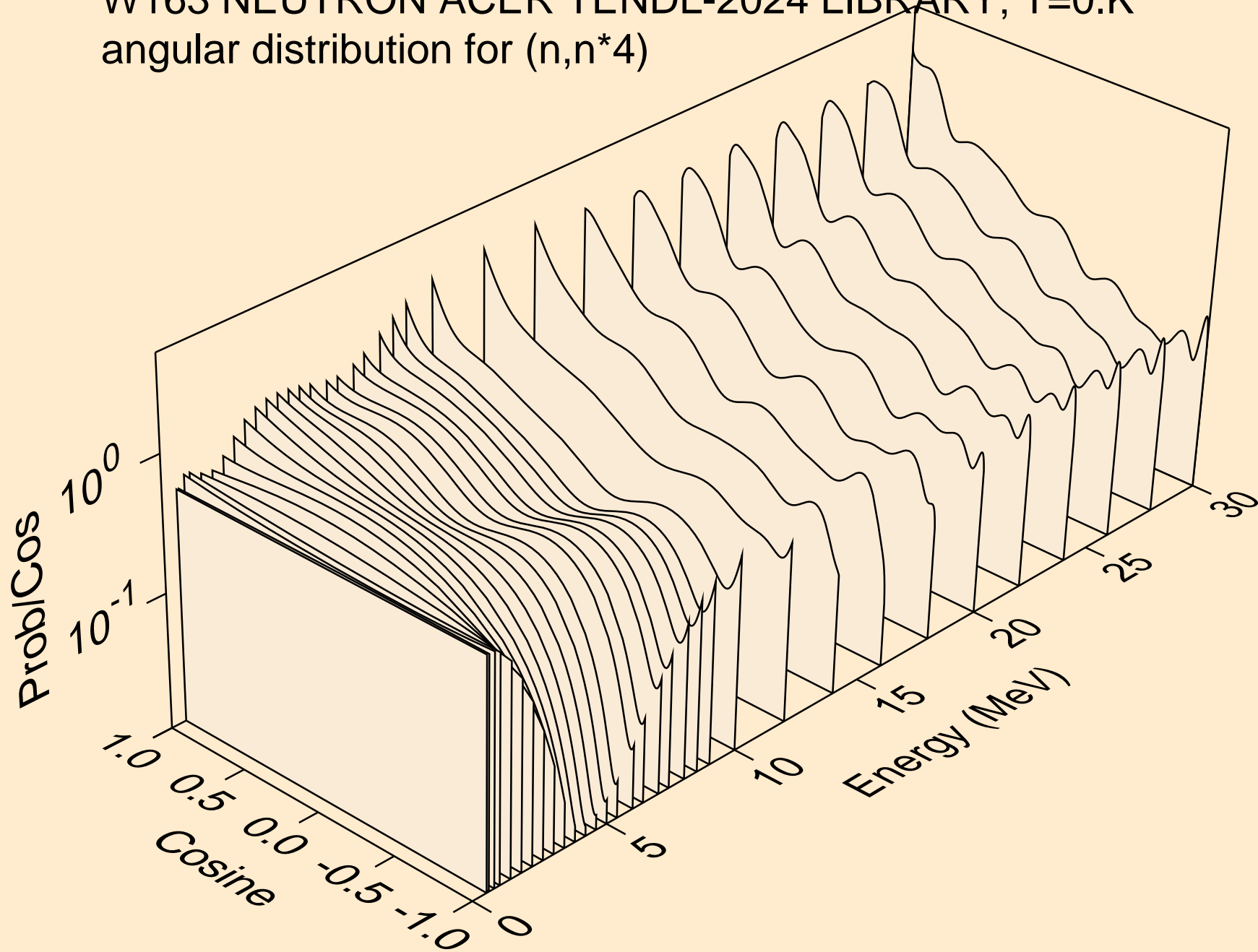
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



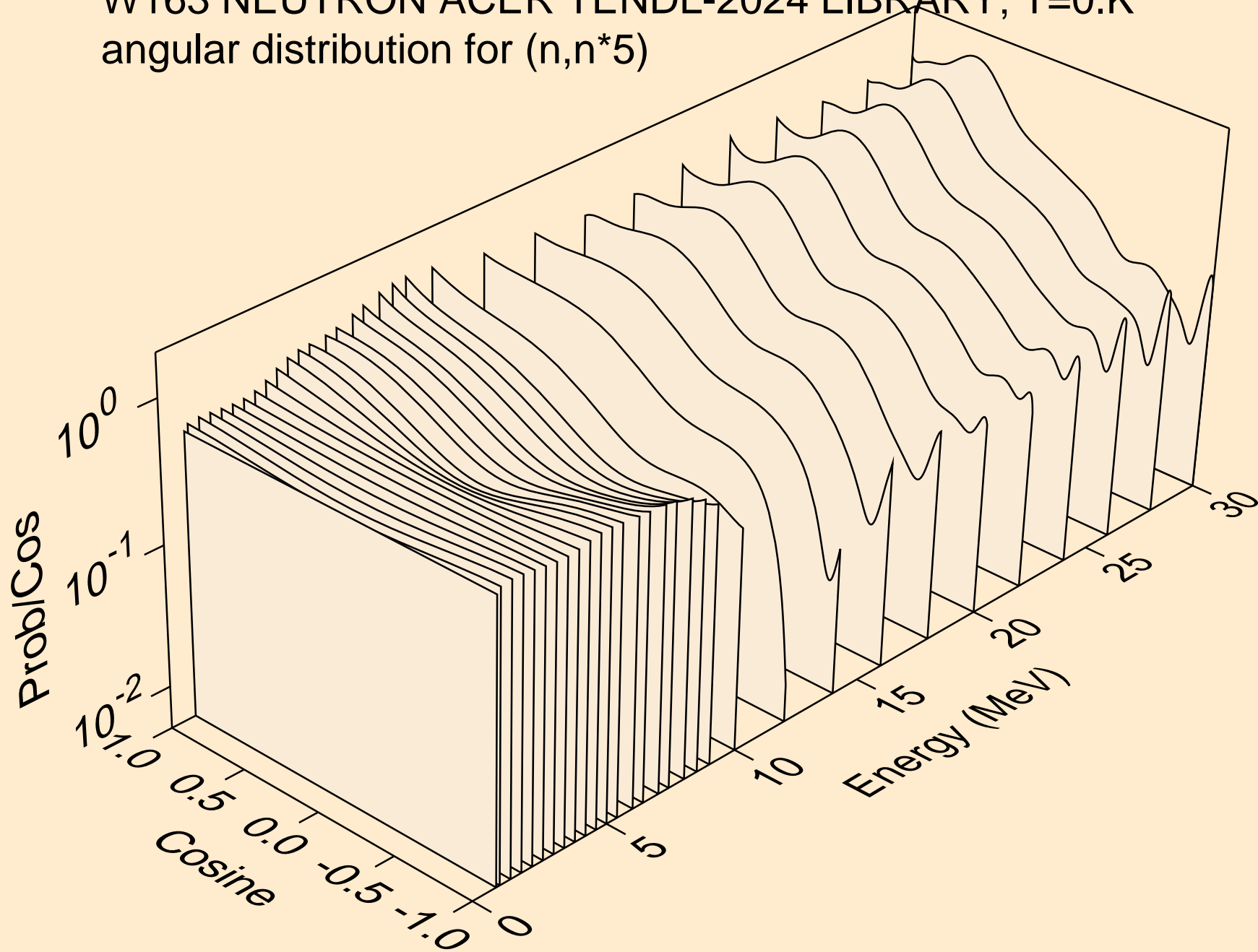
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



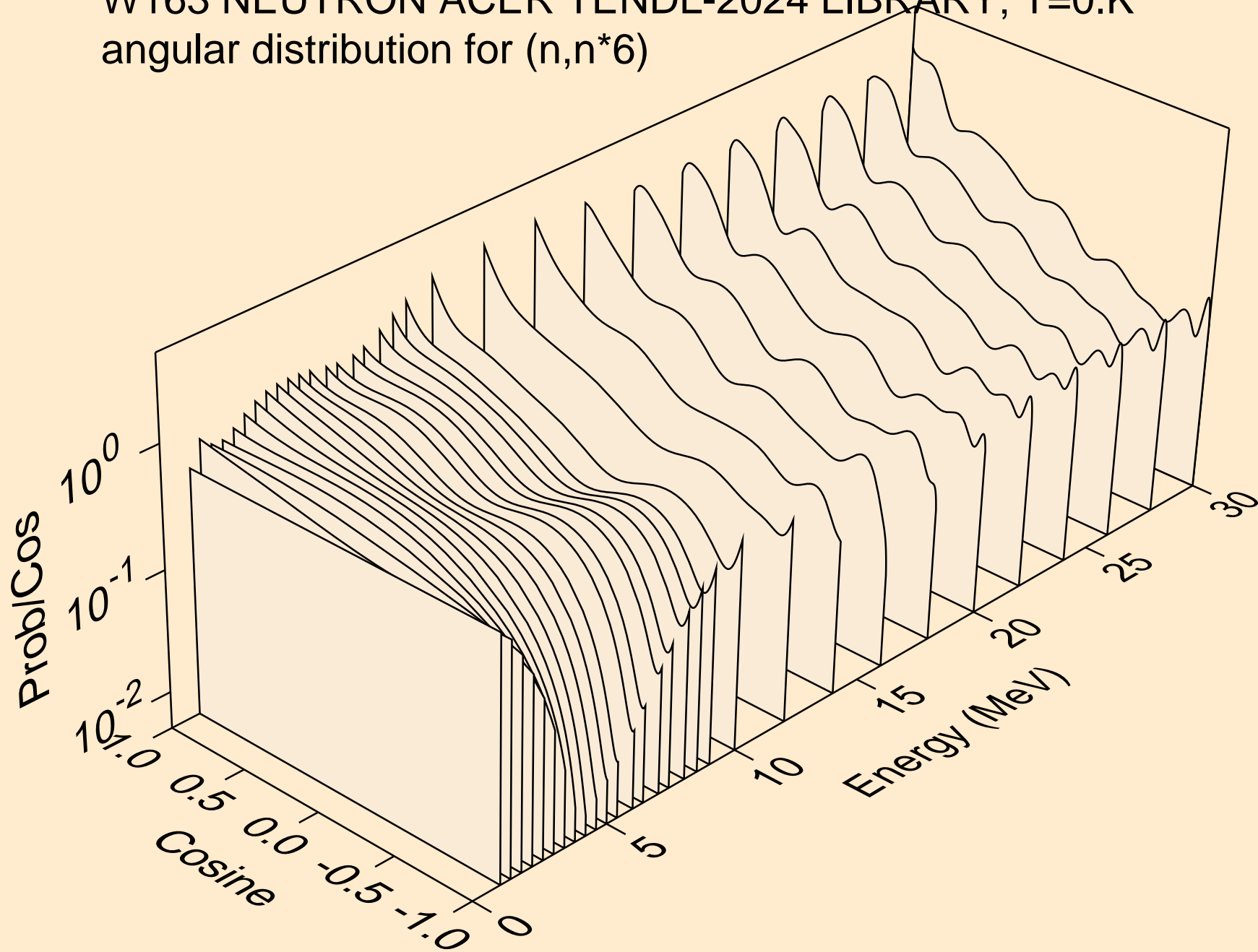
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



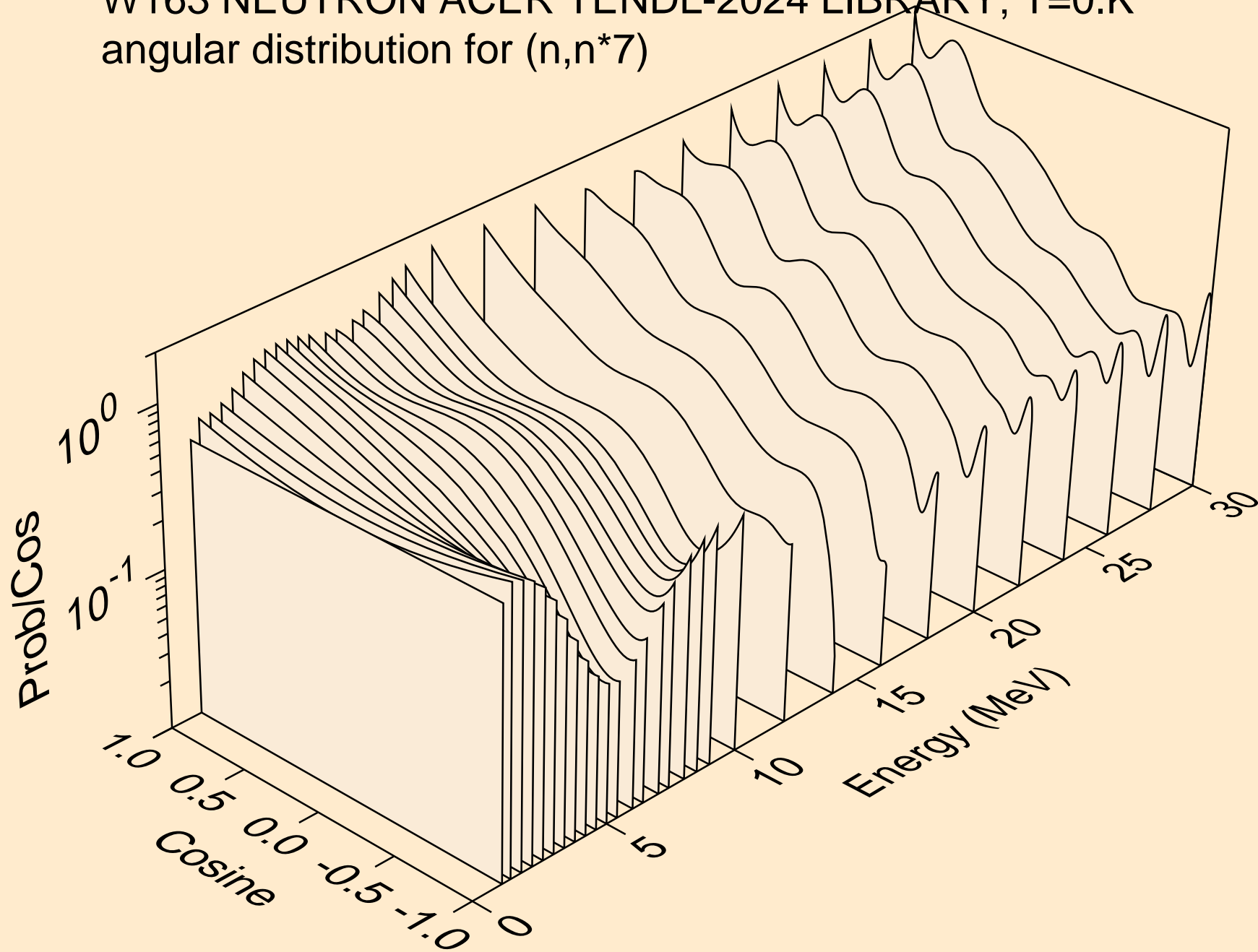
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



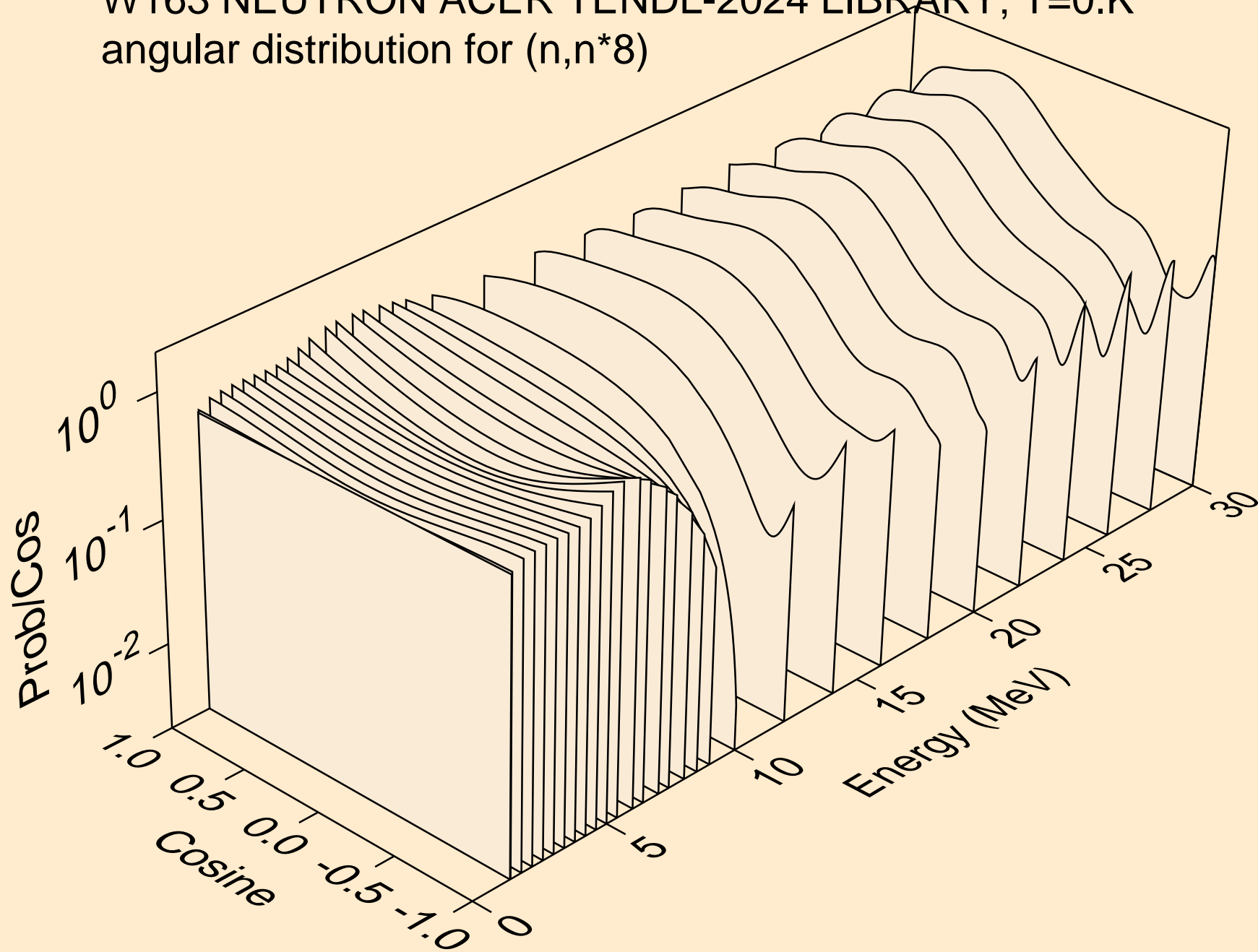
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*6)



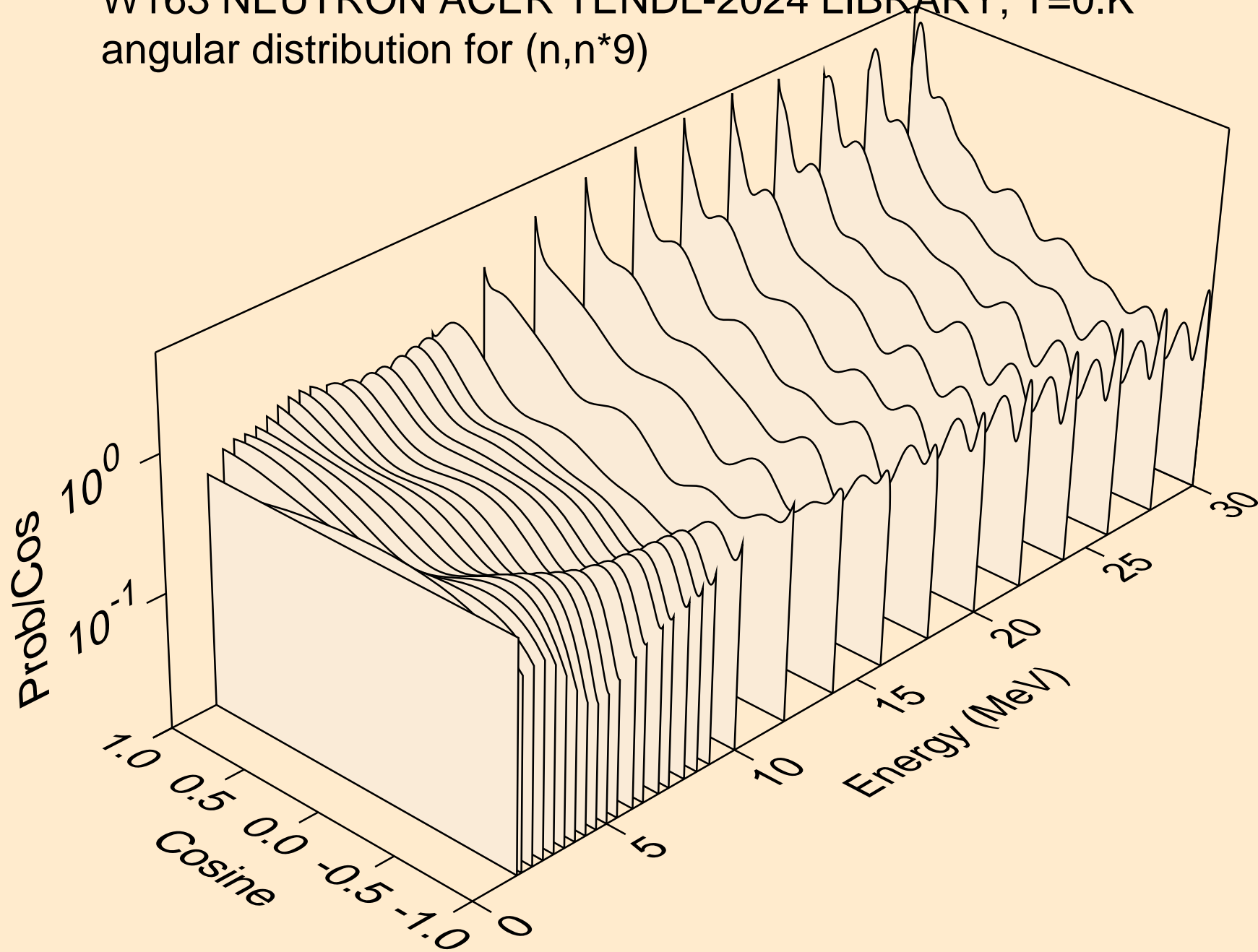
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*7)



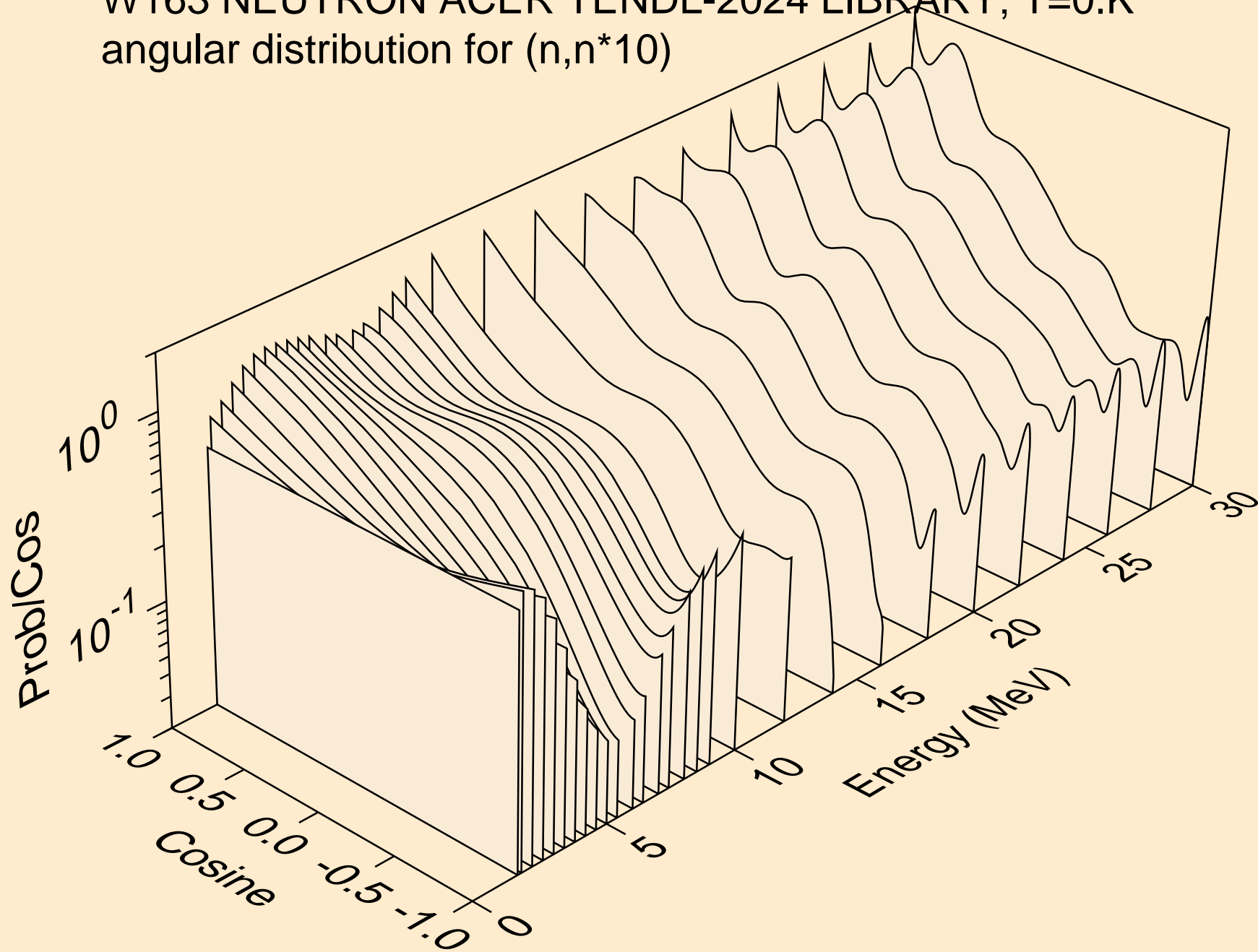
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*8)



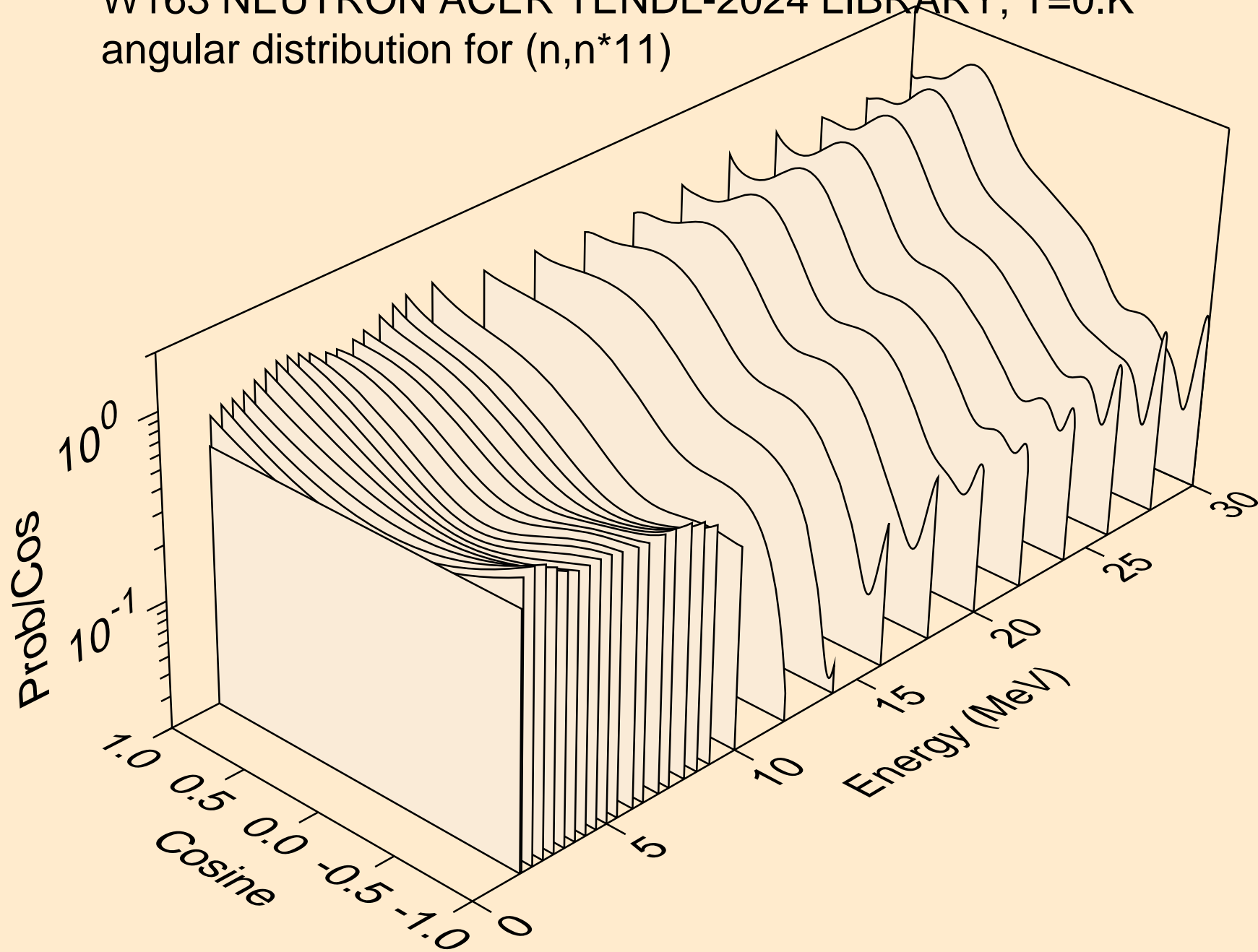
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*9)



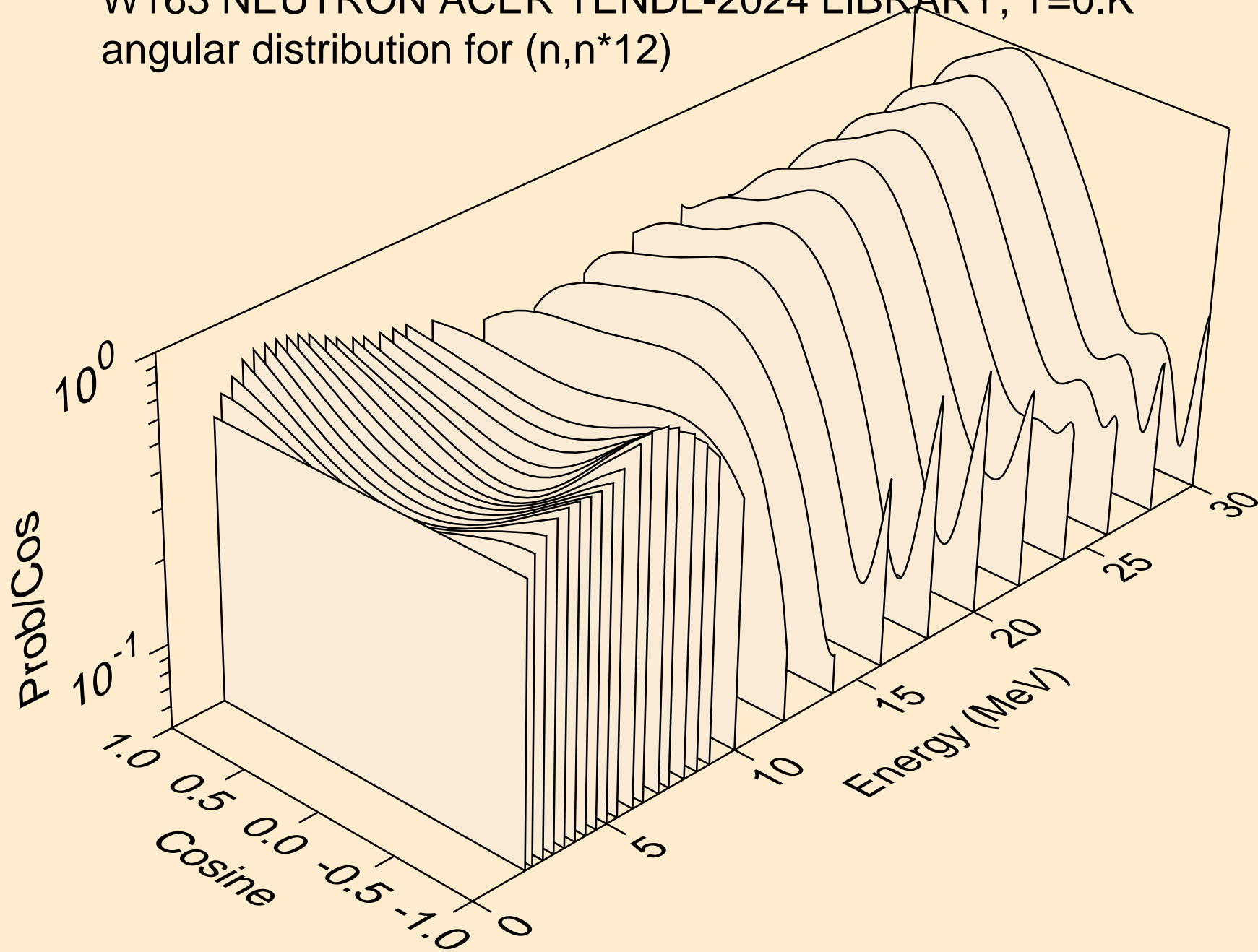
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*10)



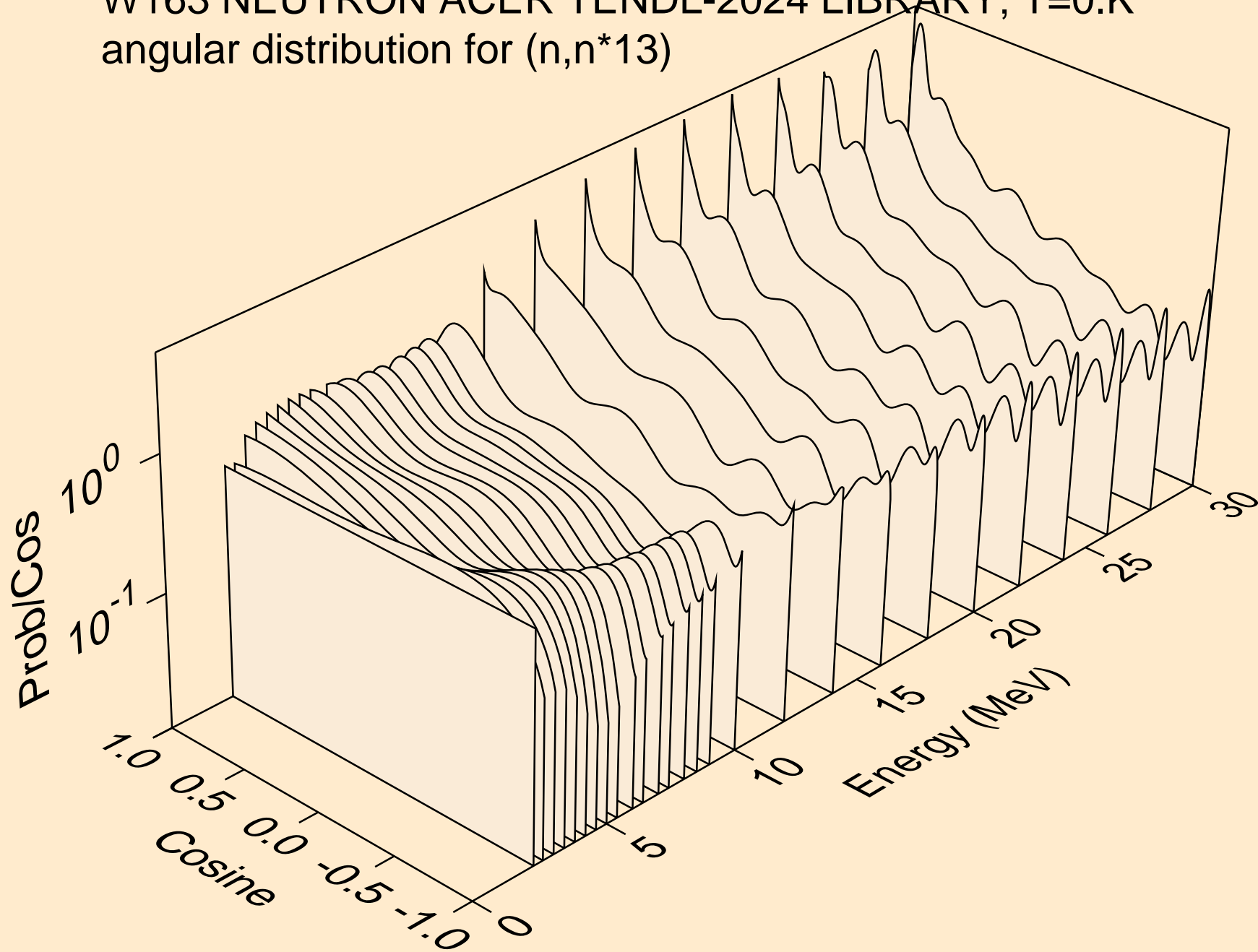
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*11)



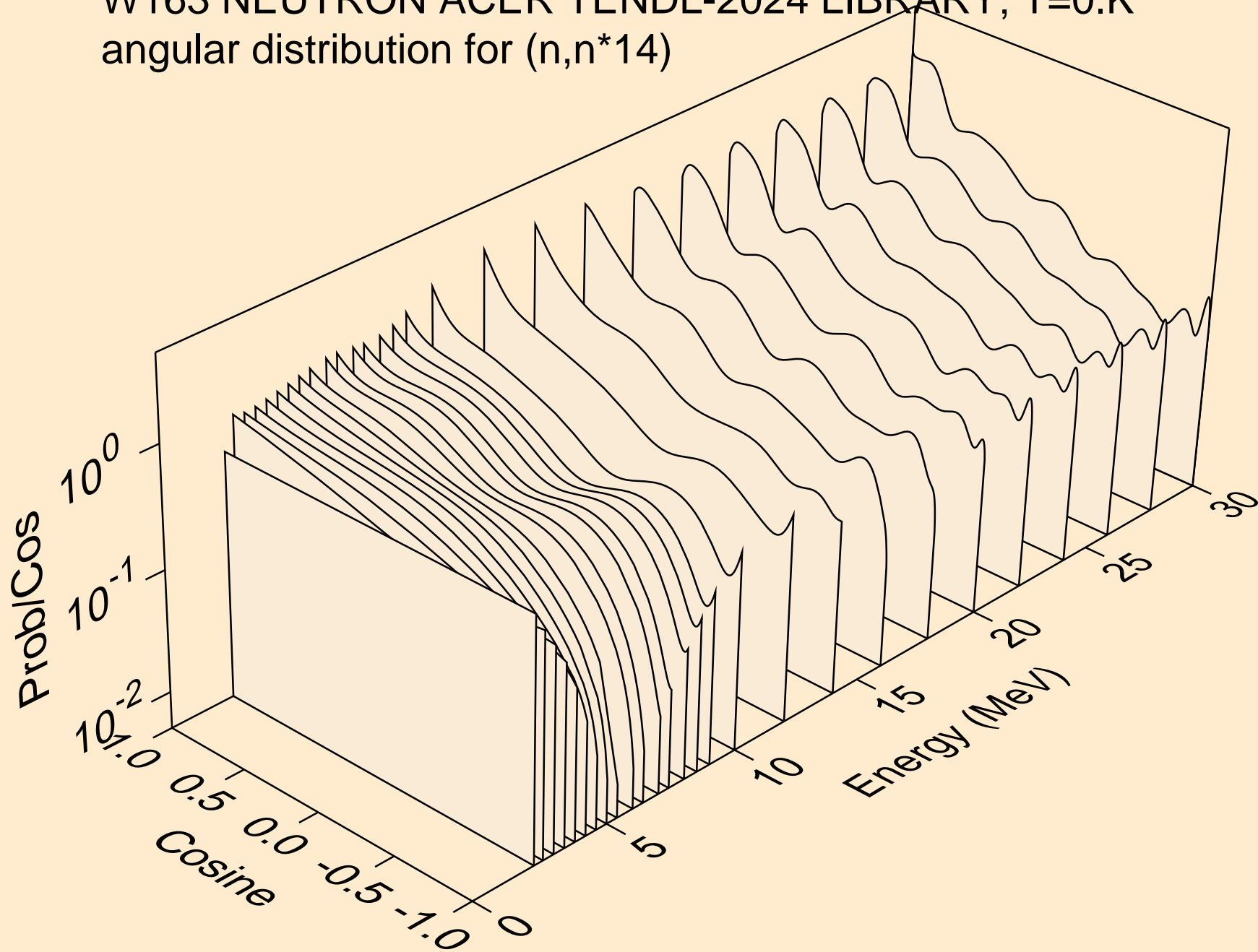
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*12)



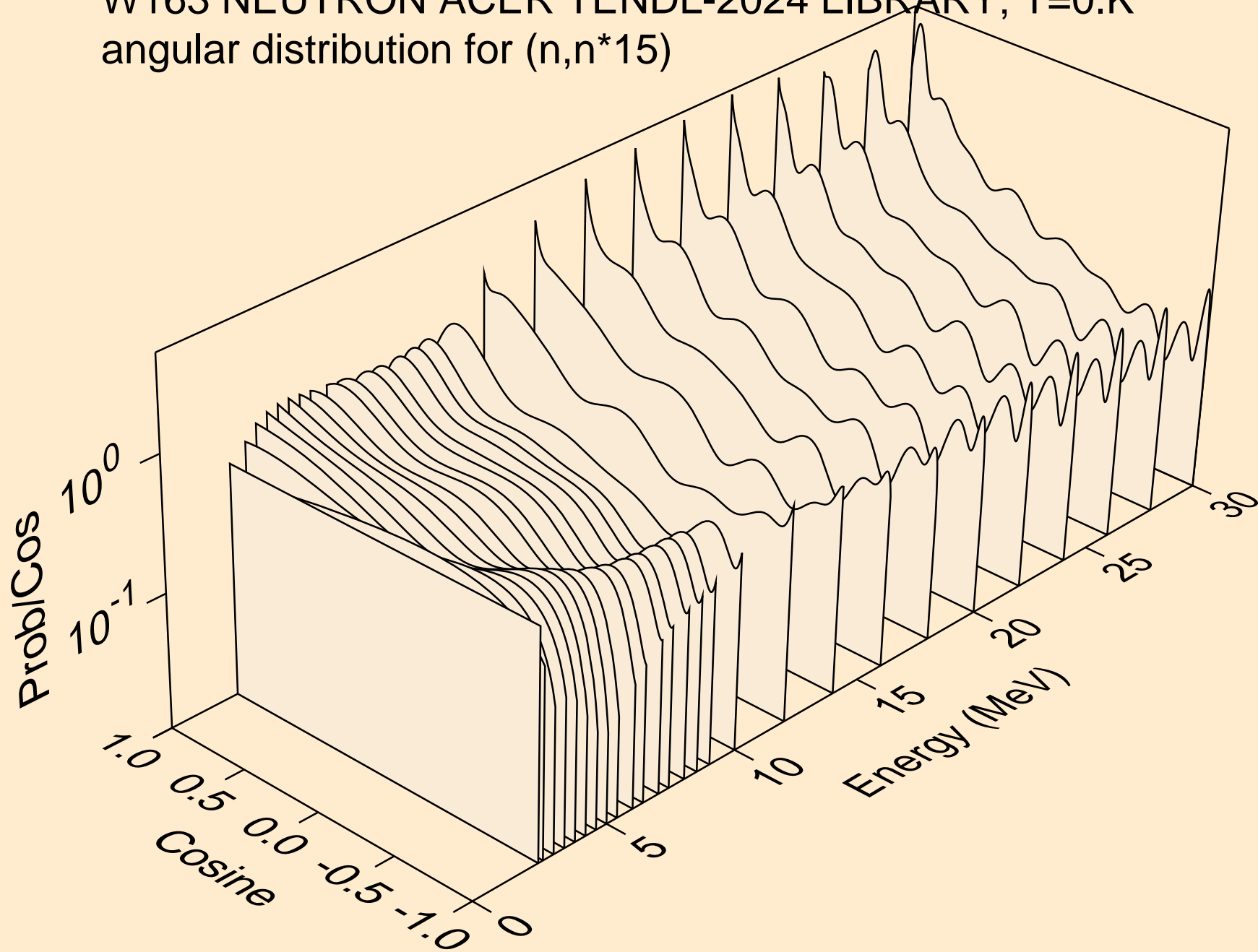
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*13)



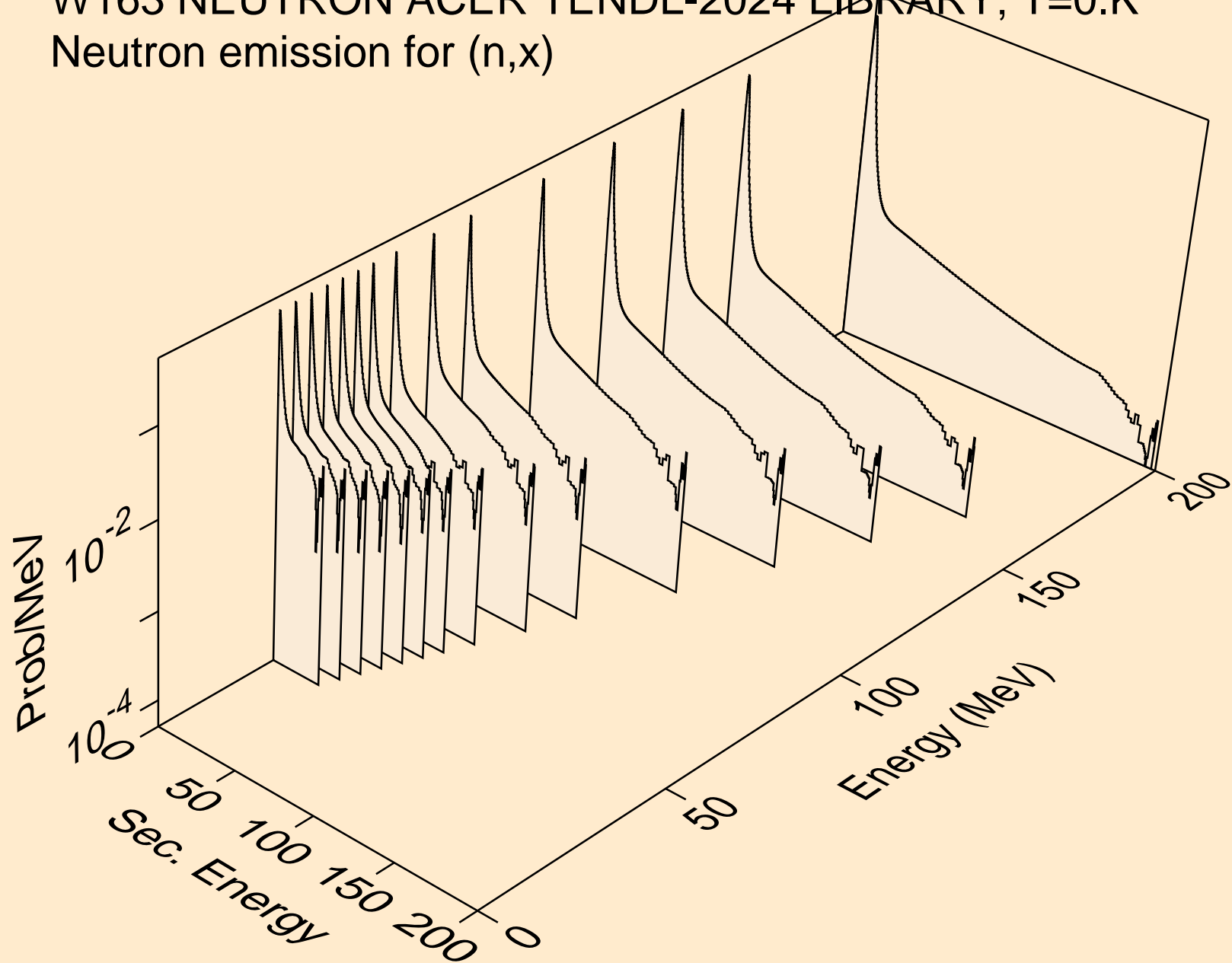
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*14)



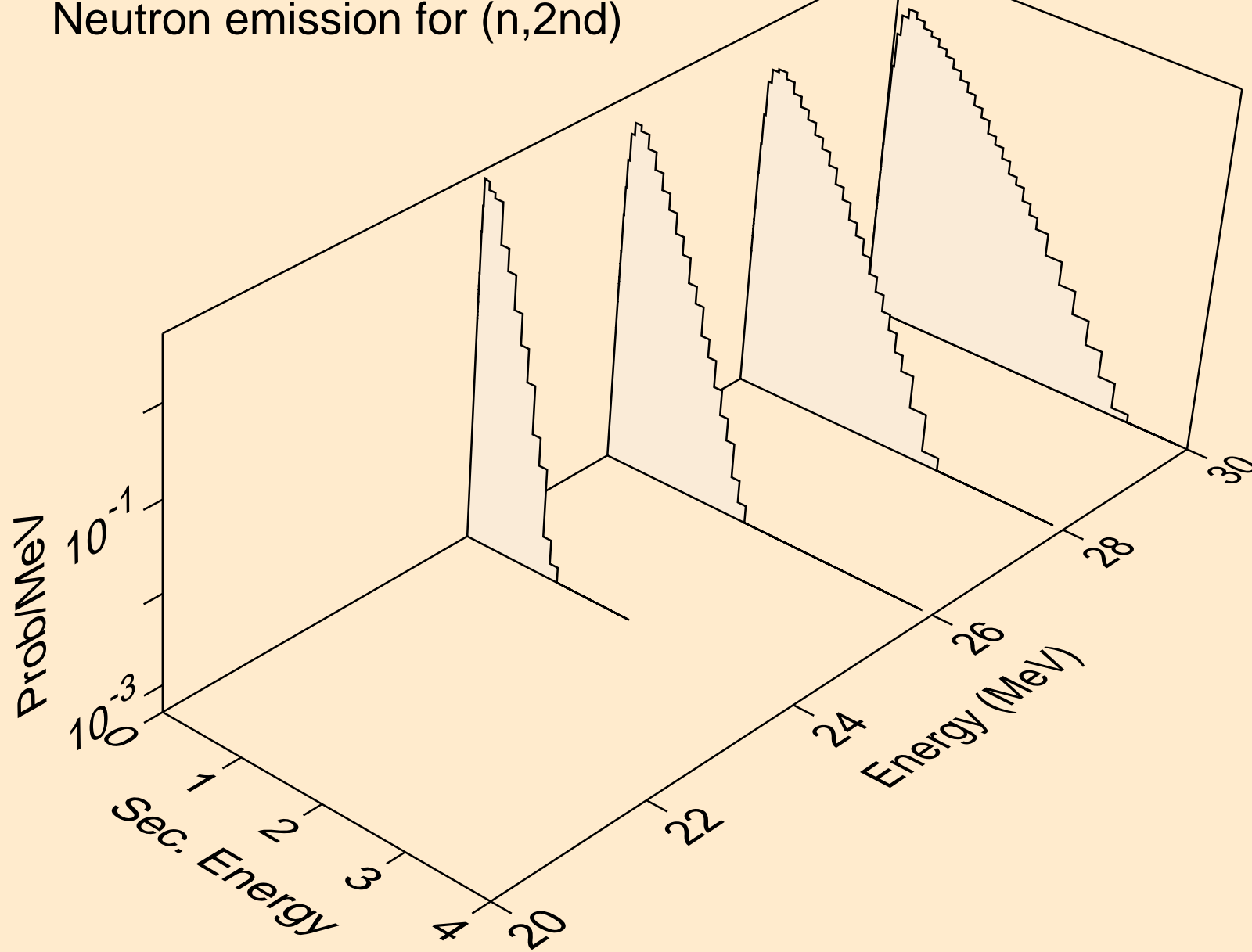
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*15)



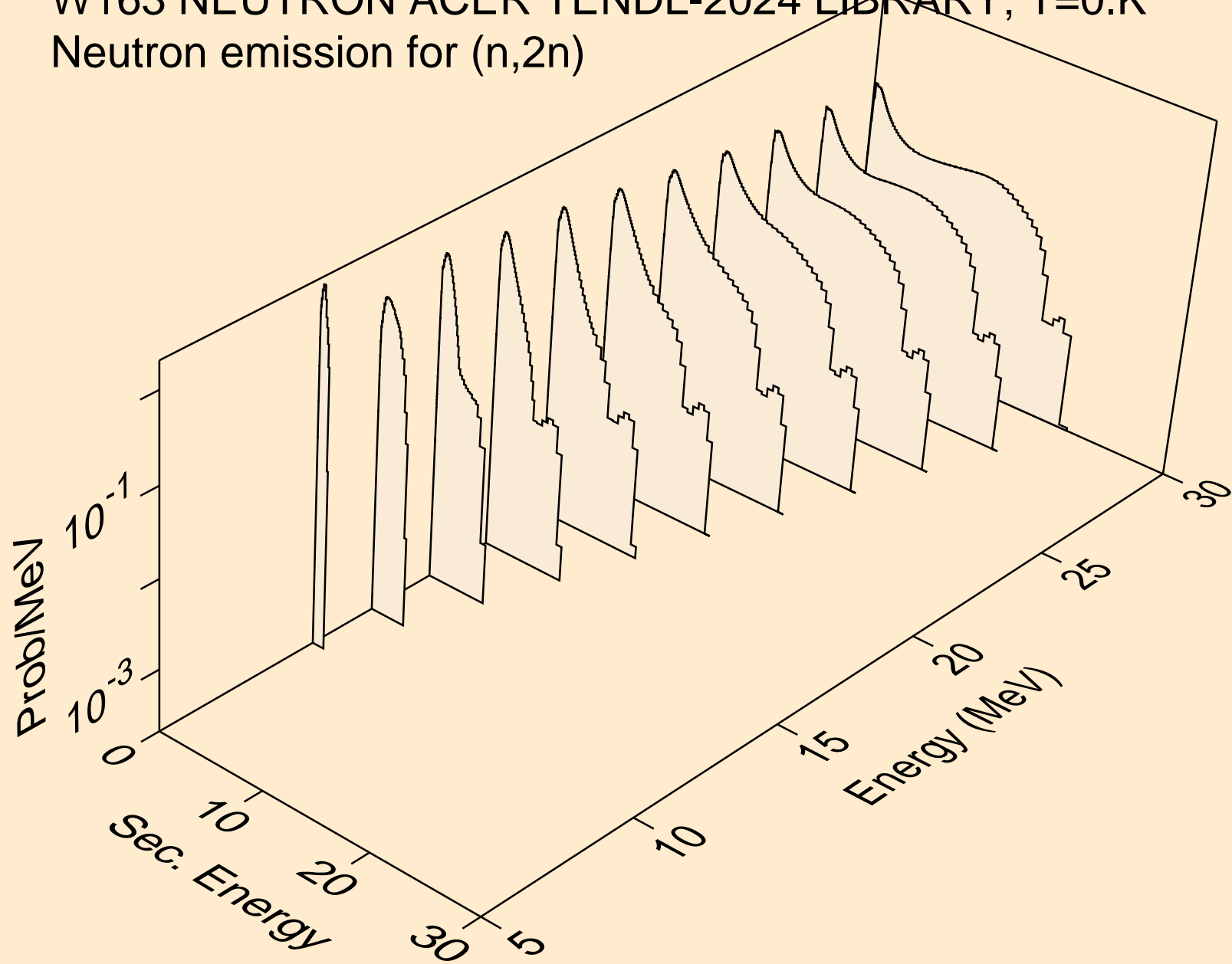
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



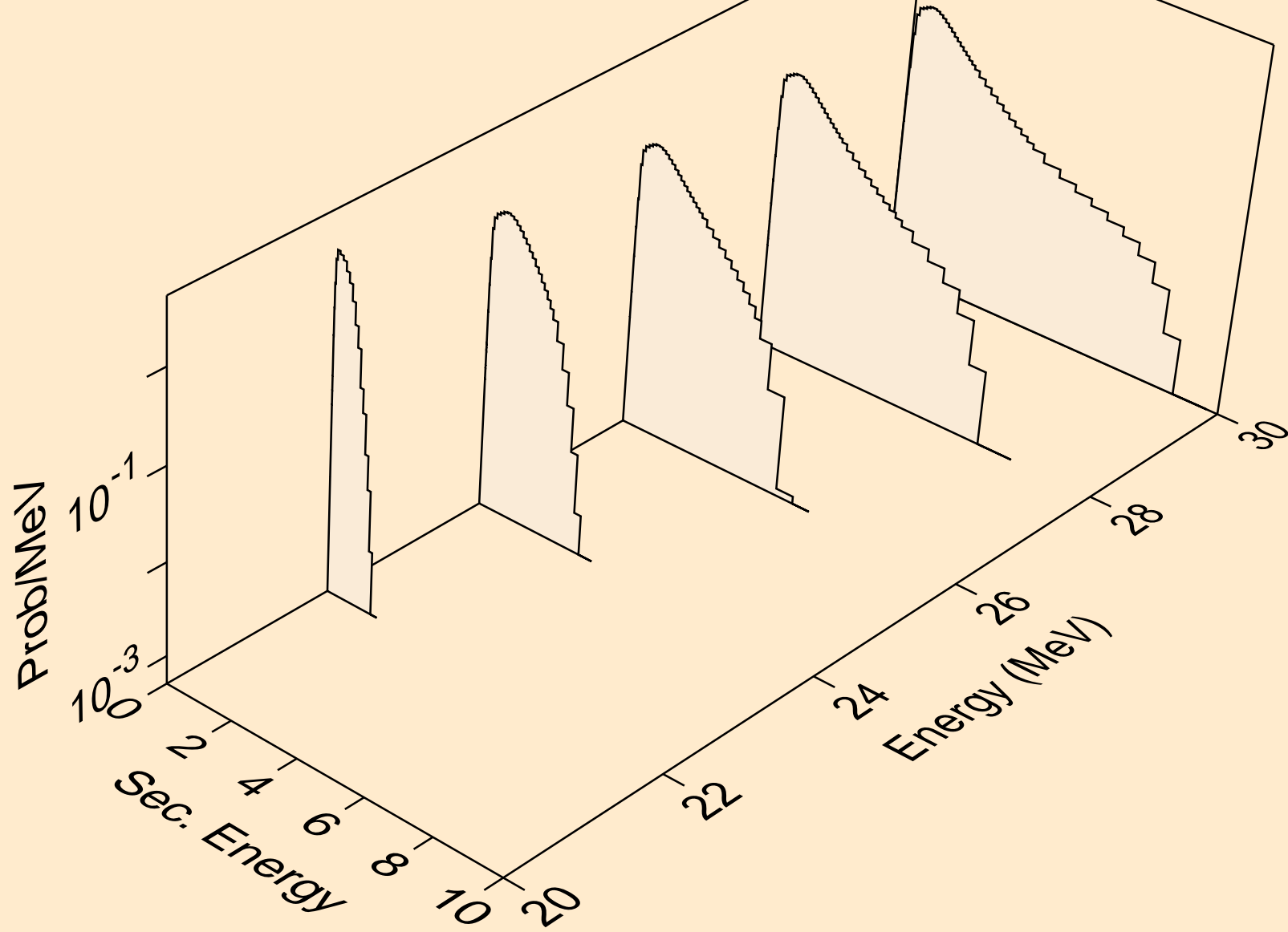
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



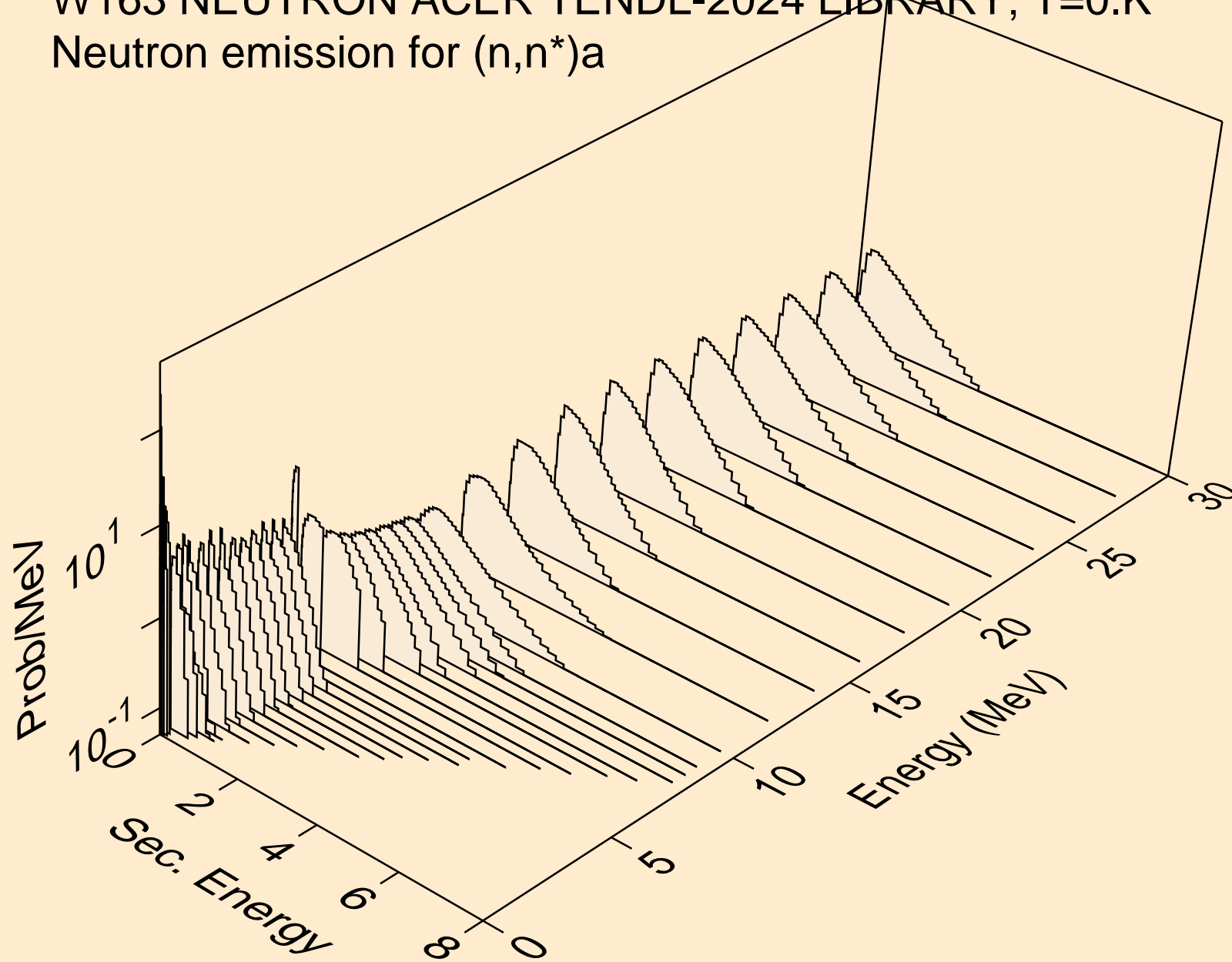
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



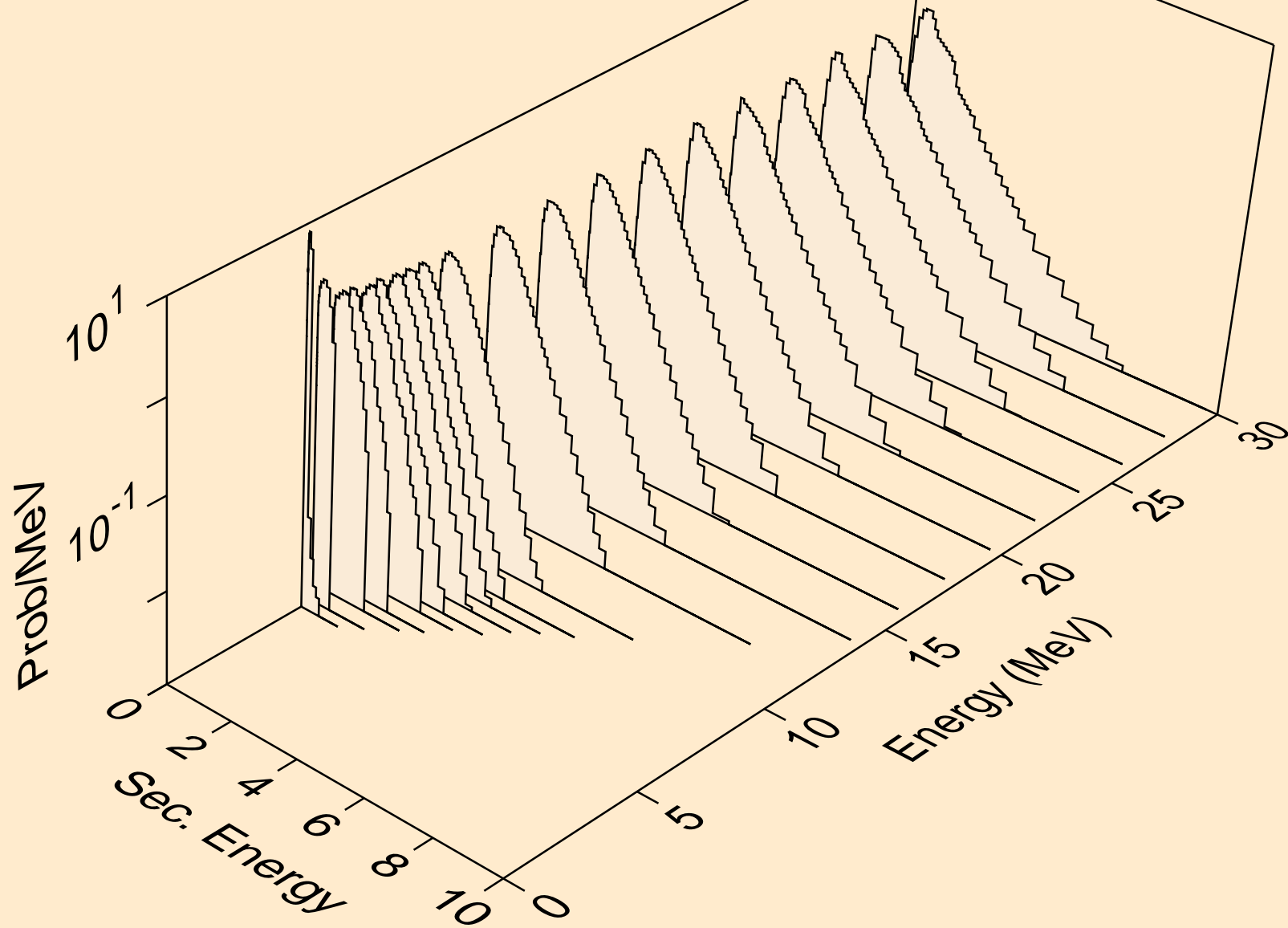
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



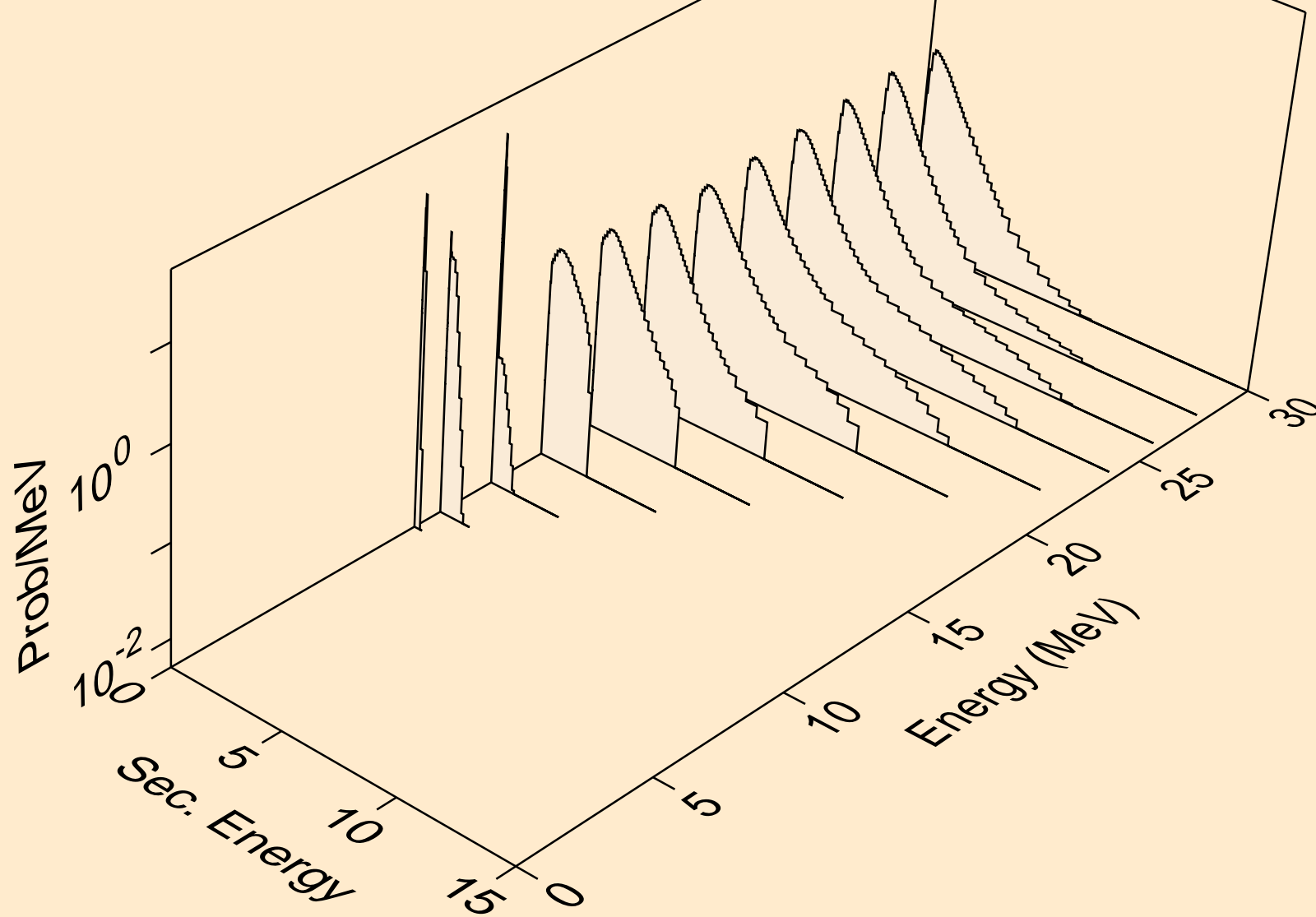
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



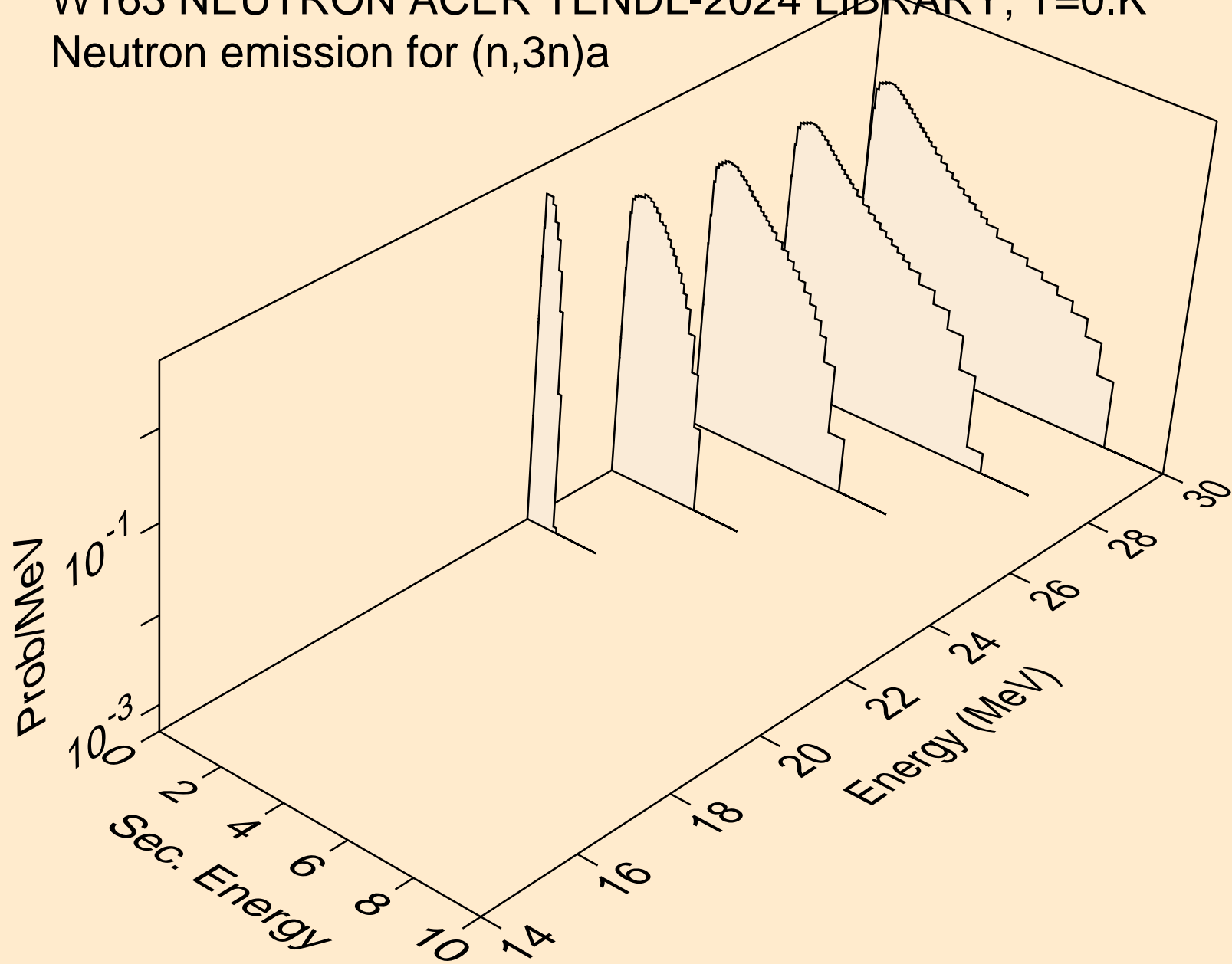
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)3a



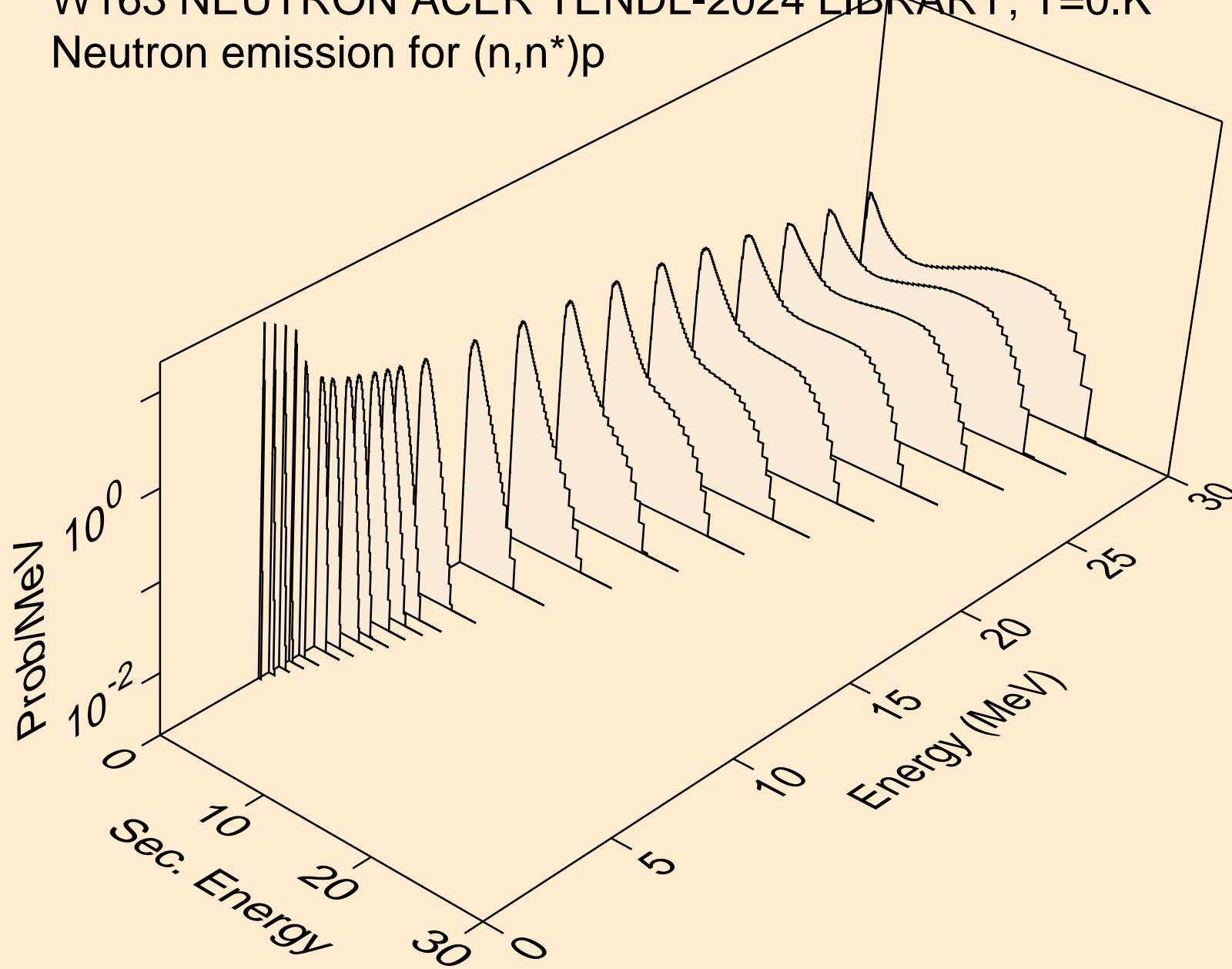
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)a



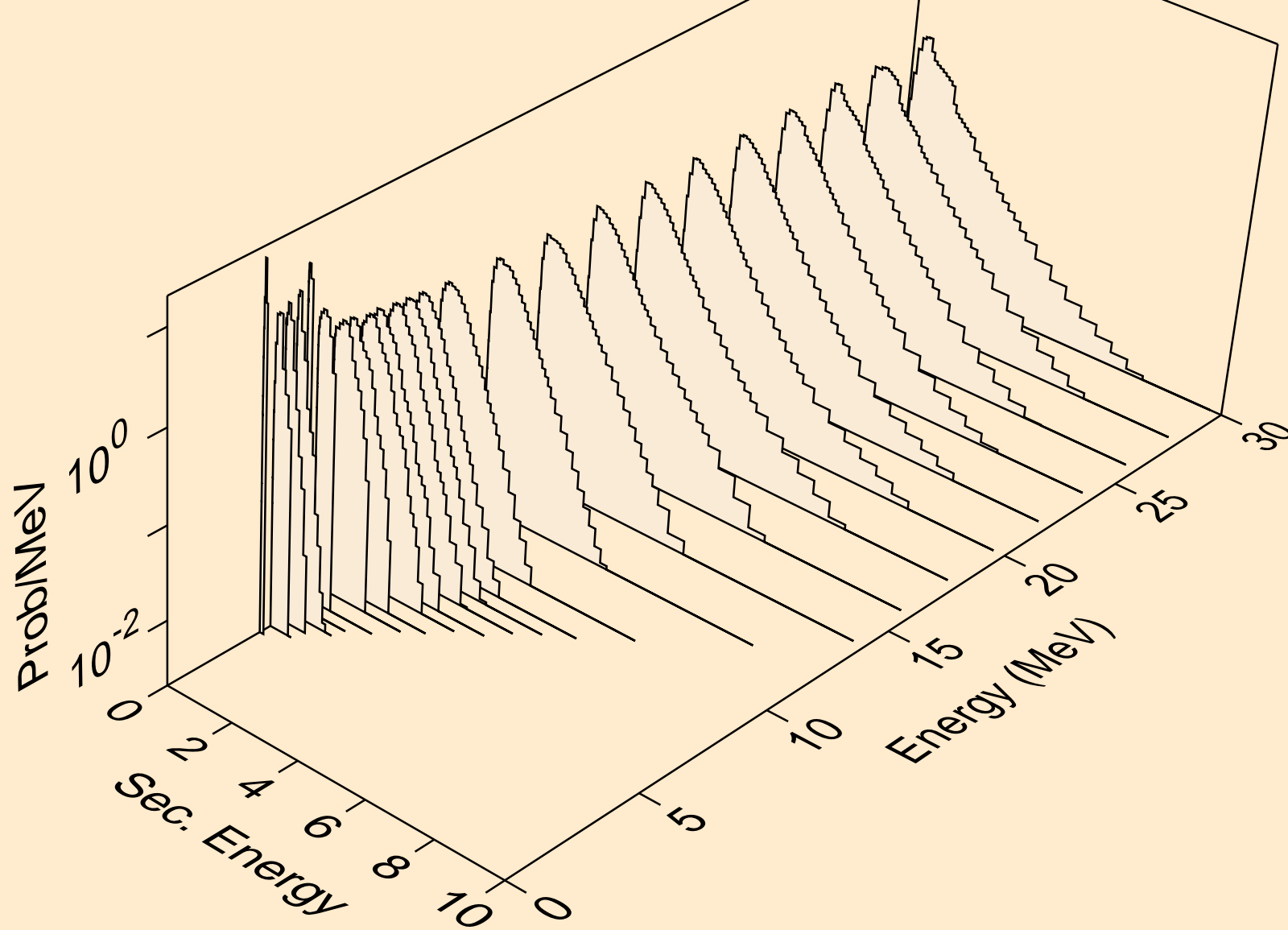
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



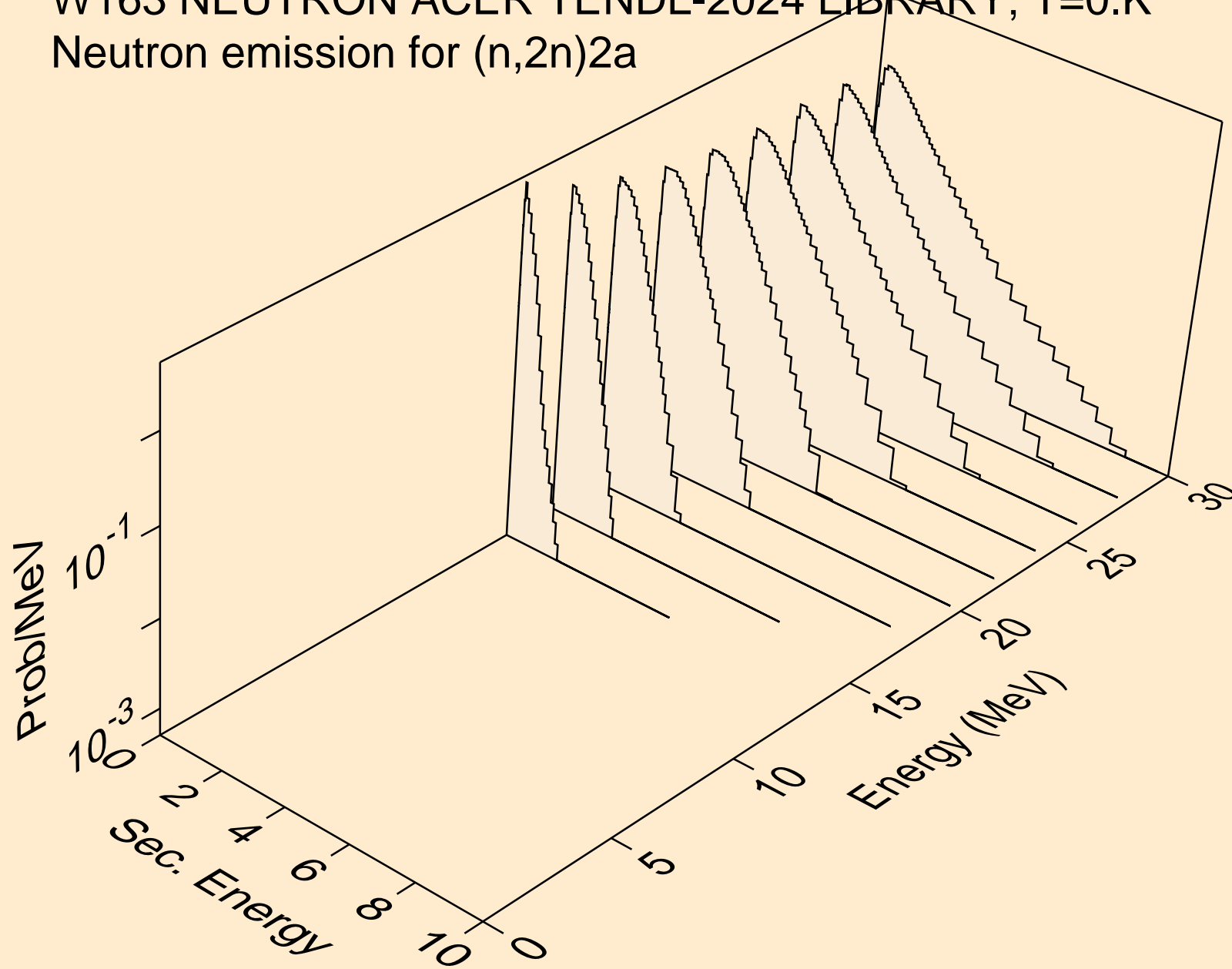
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



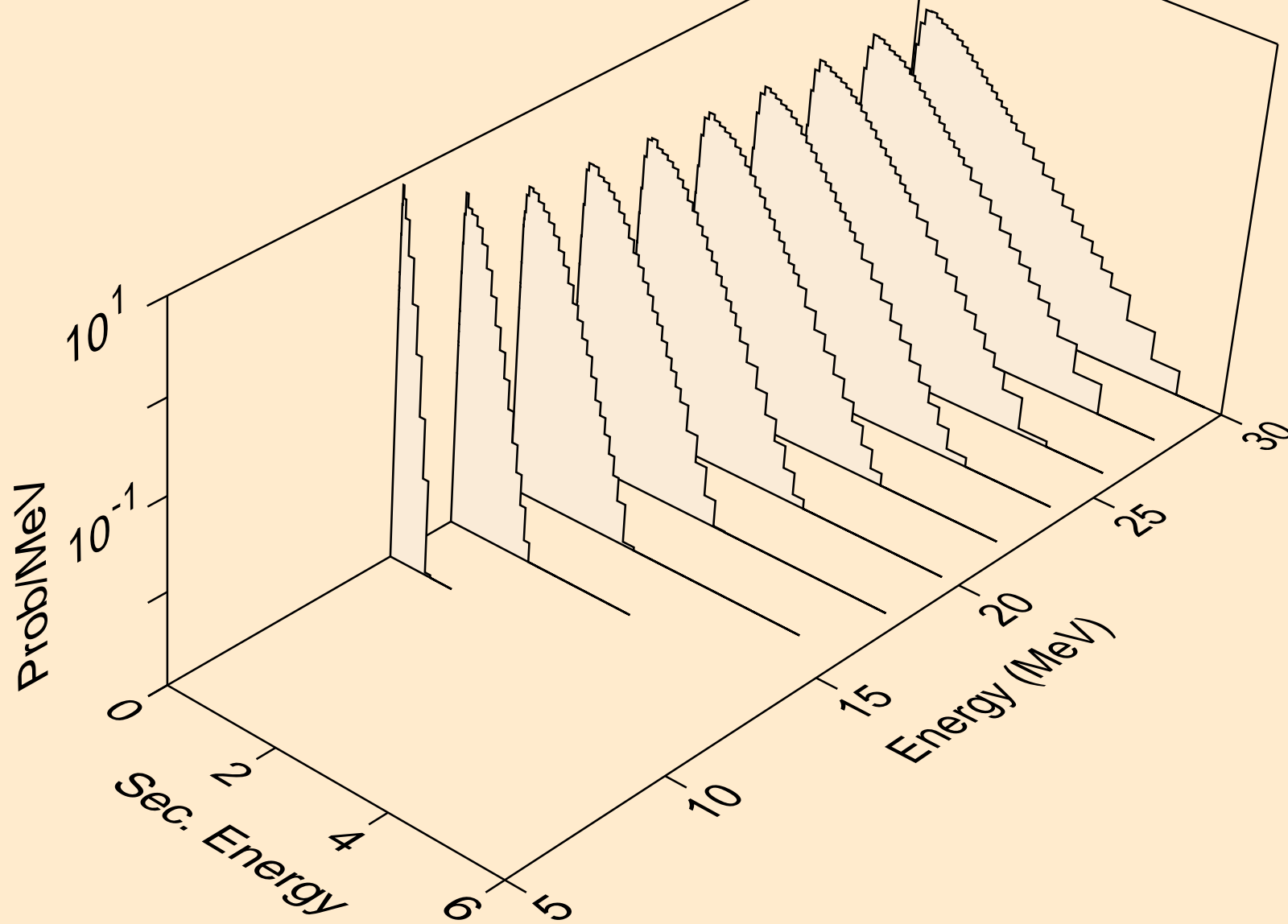
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



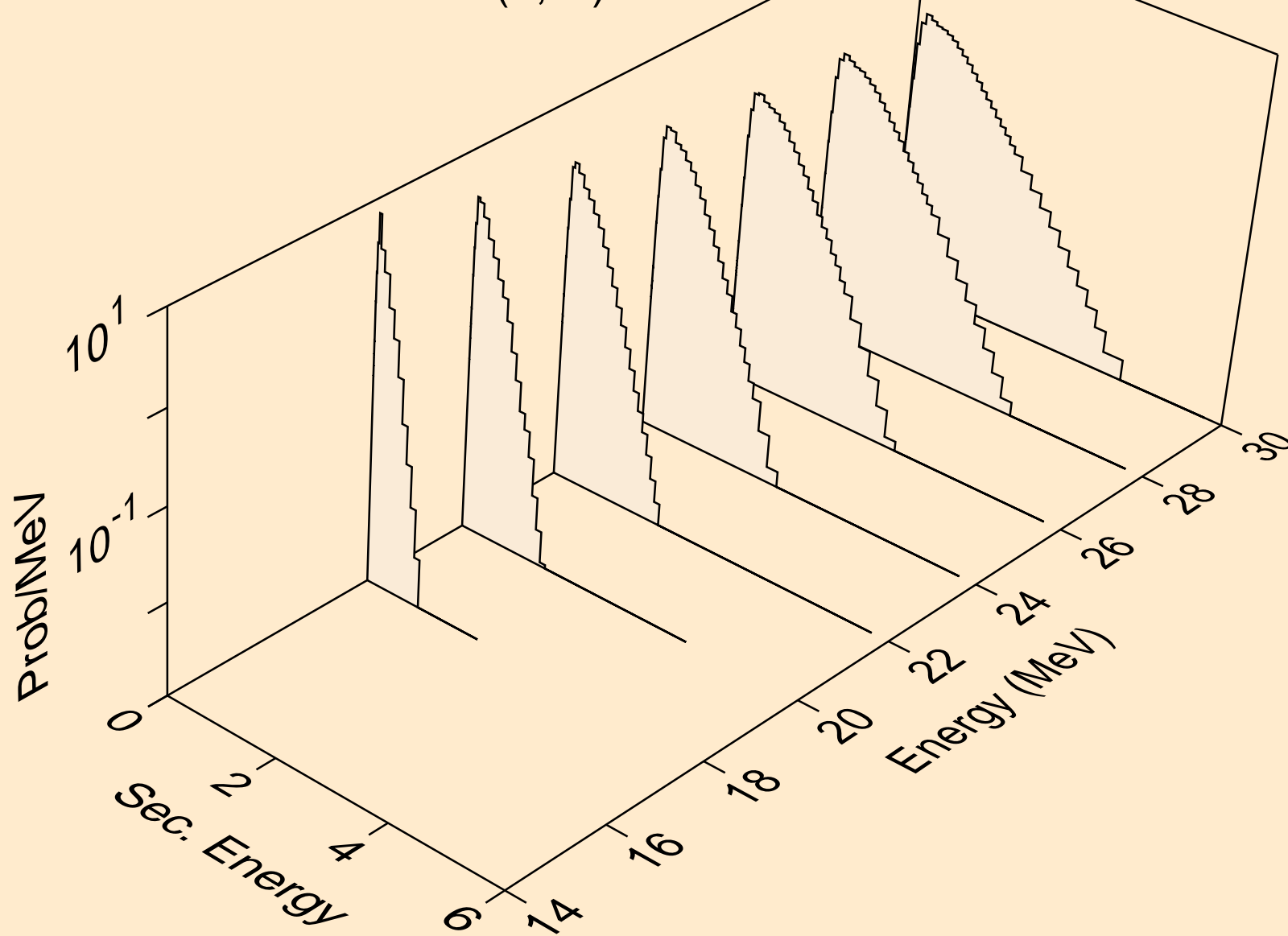
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



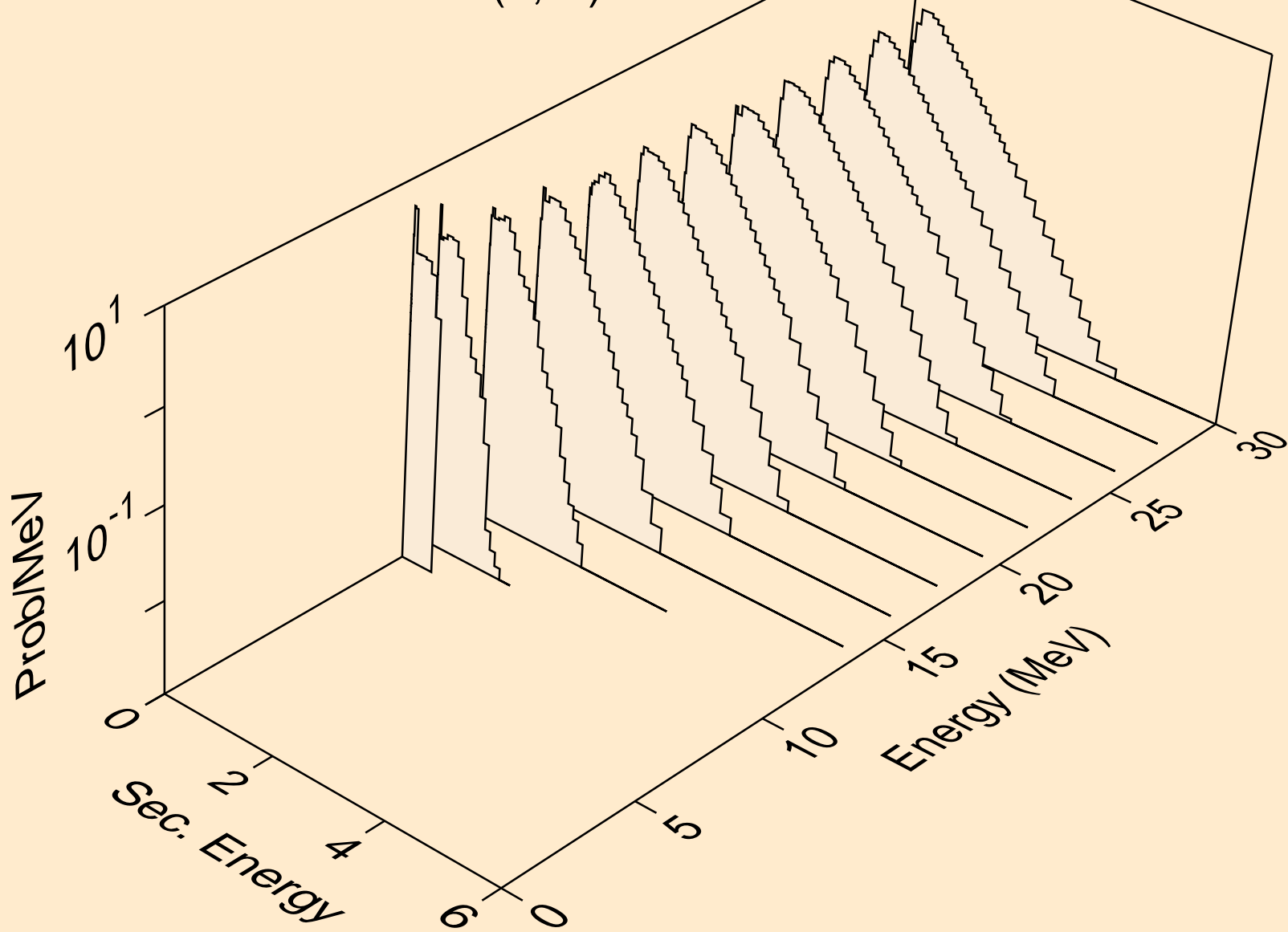
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



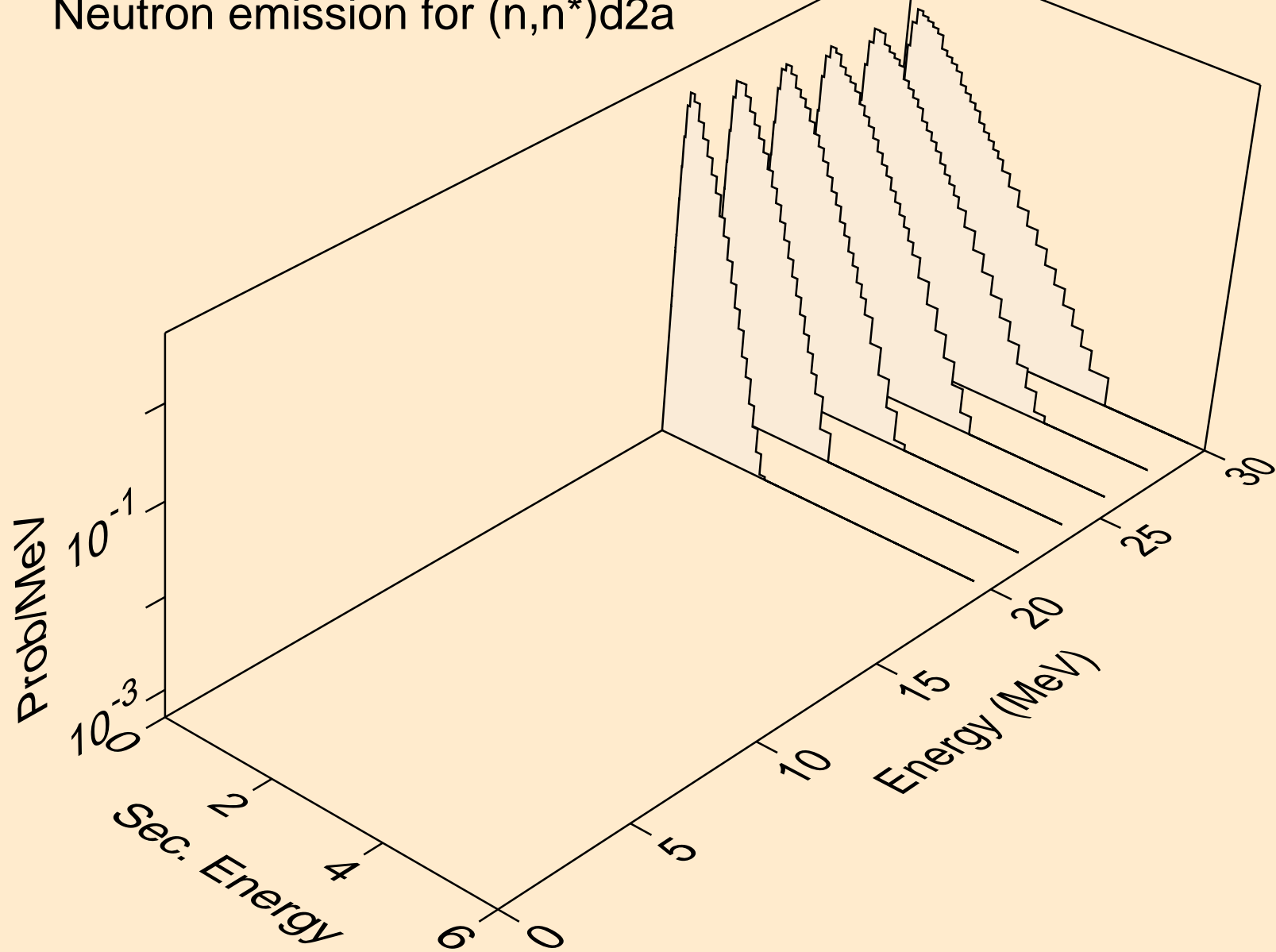
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



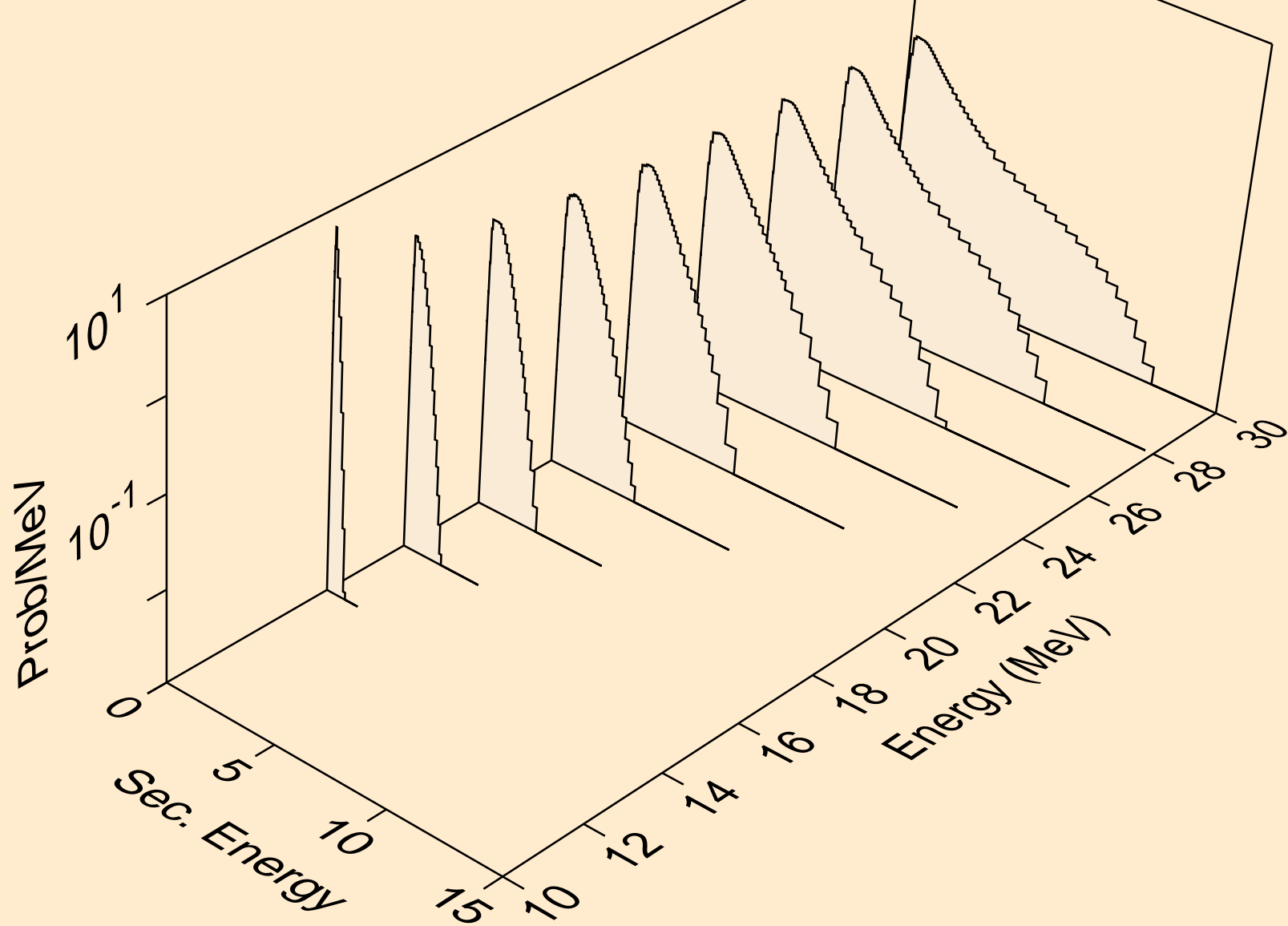
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



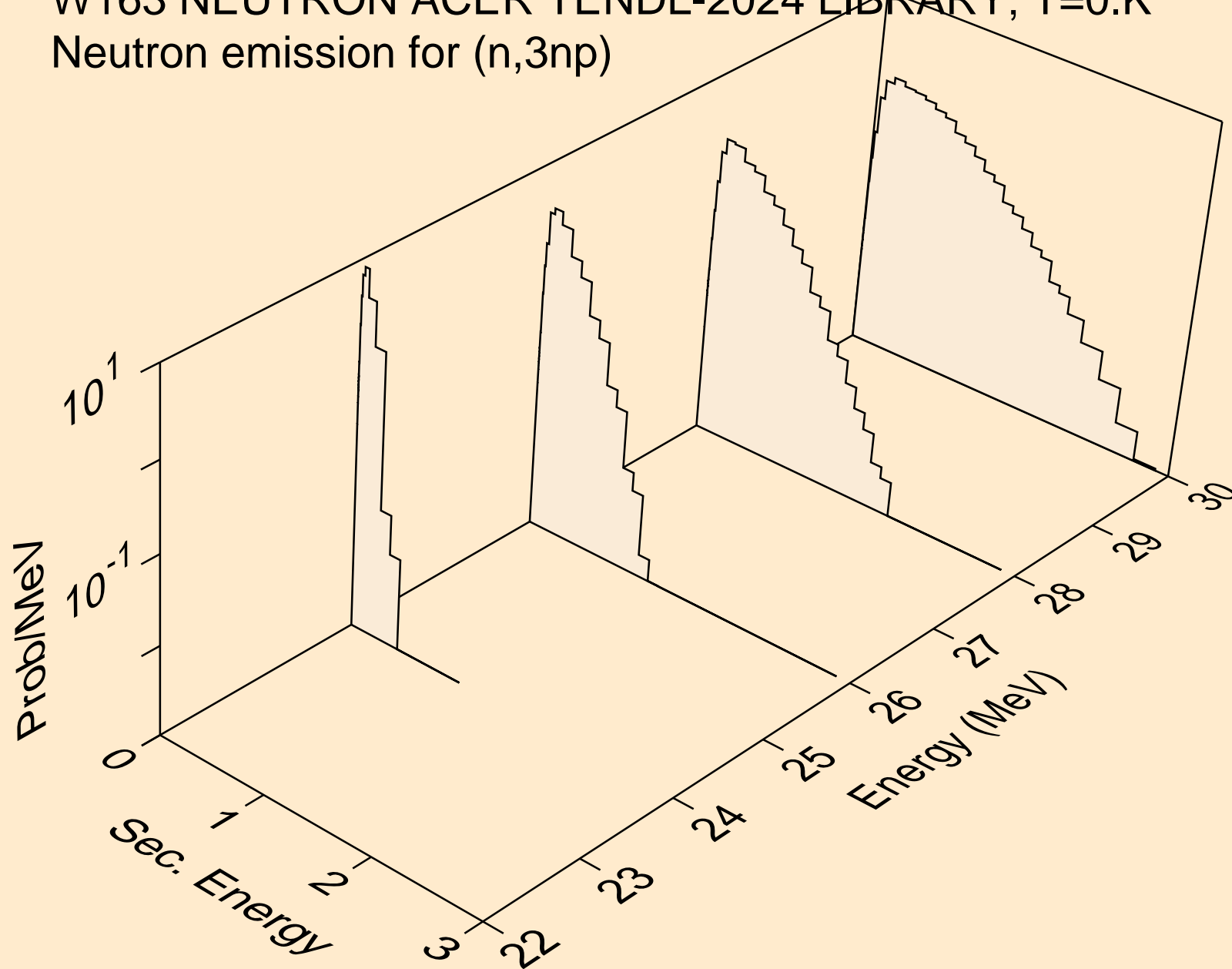
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d2a



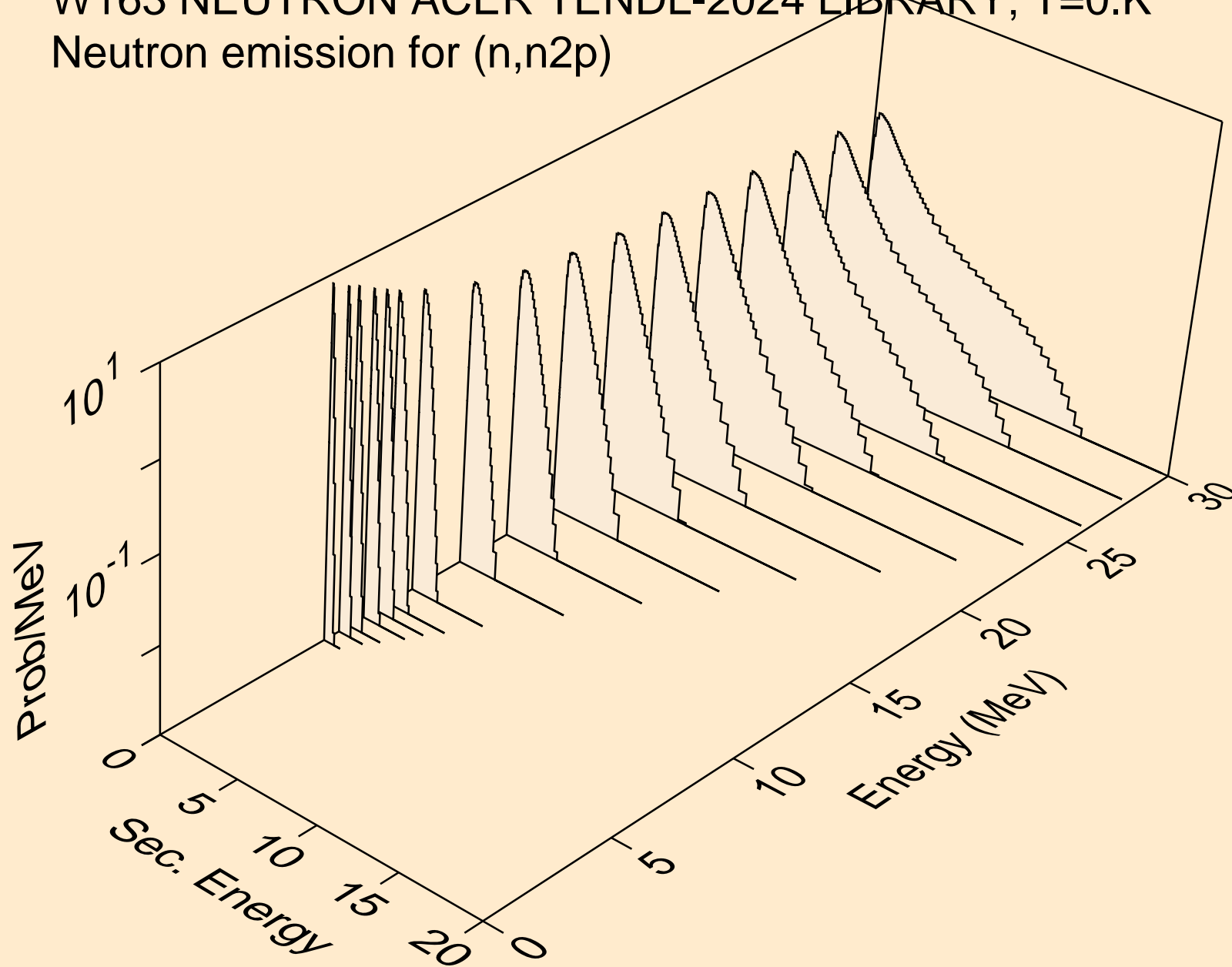
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



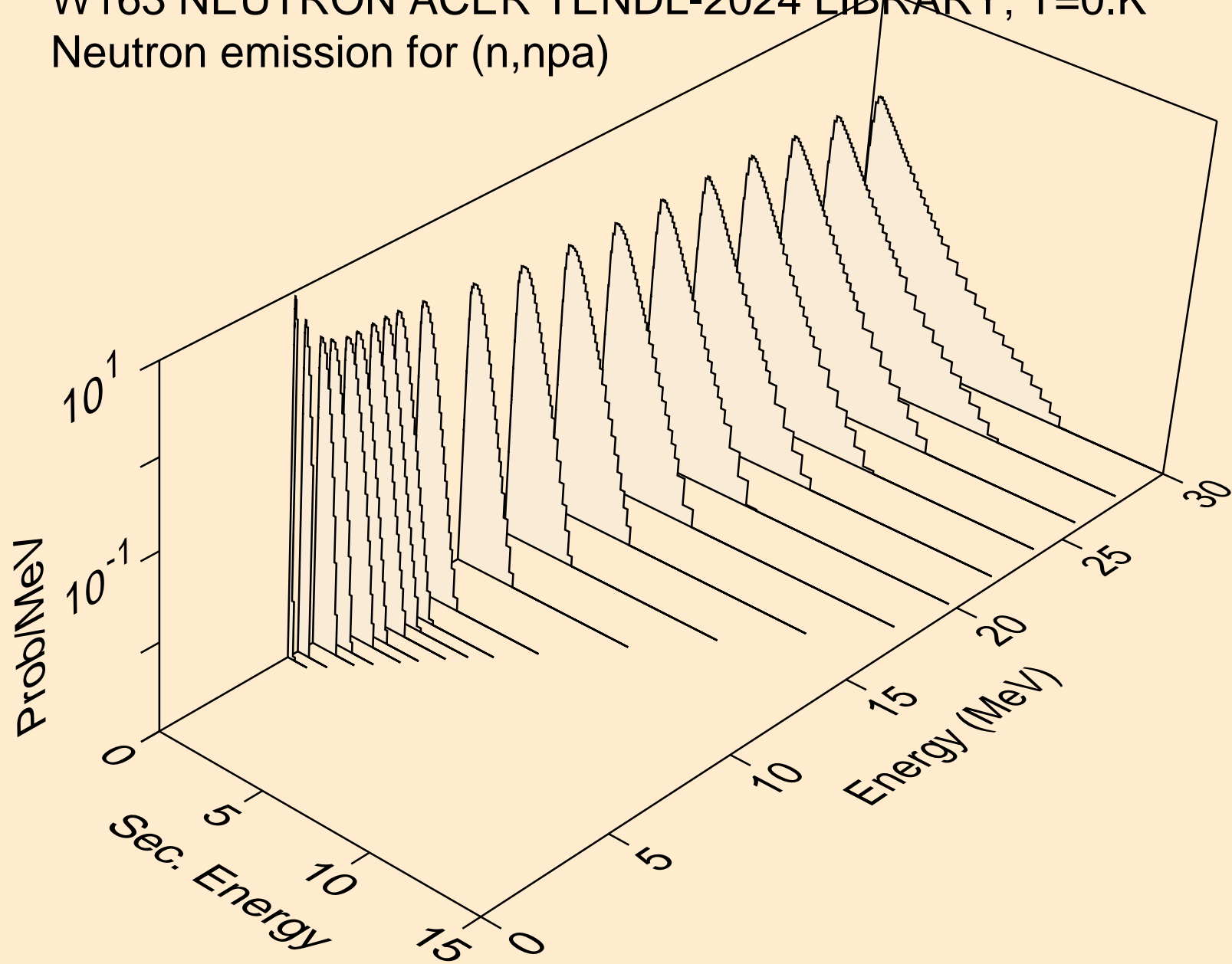
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



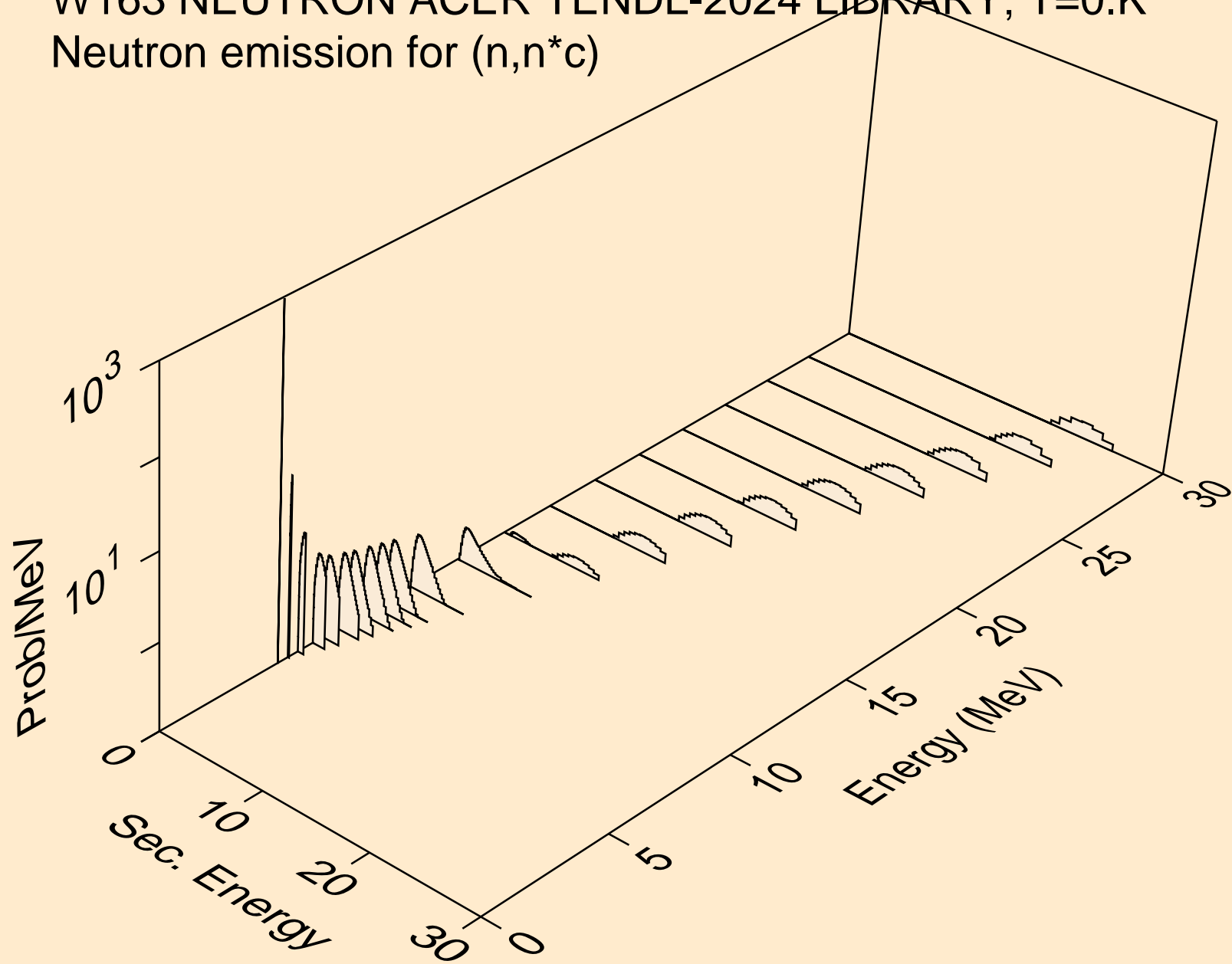
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



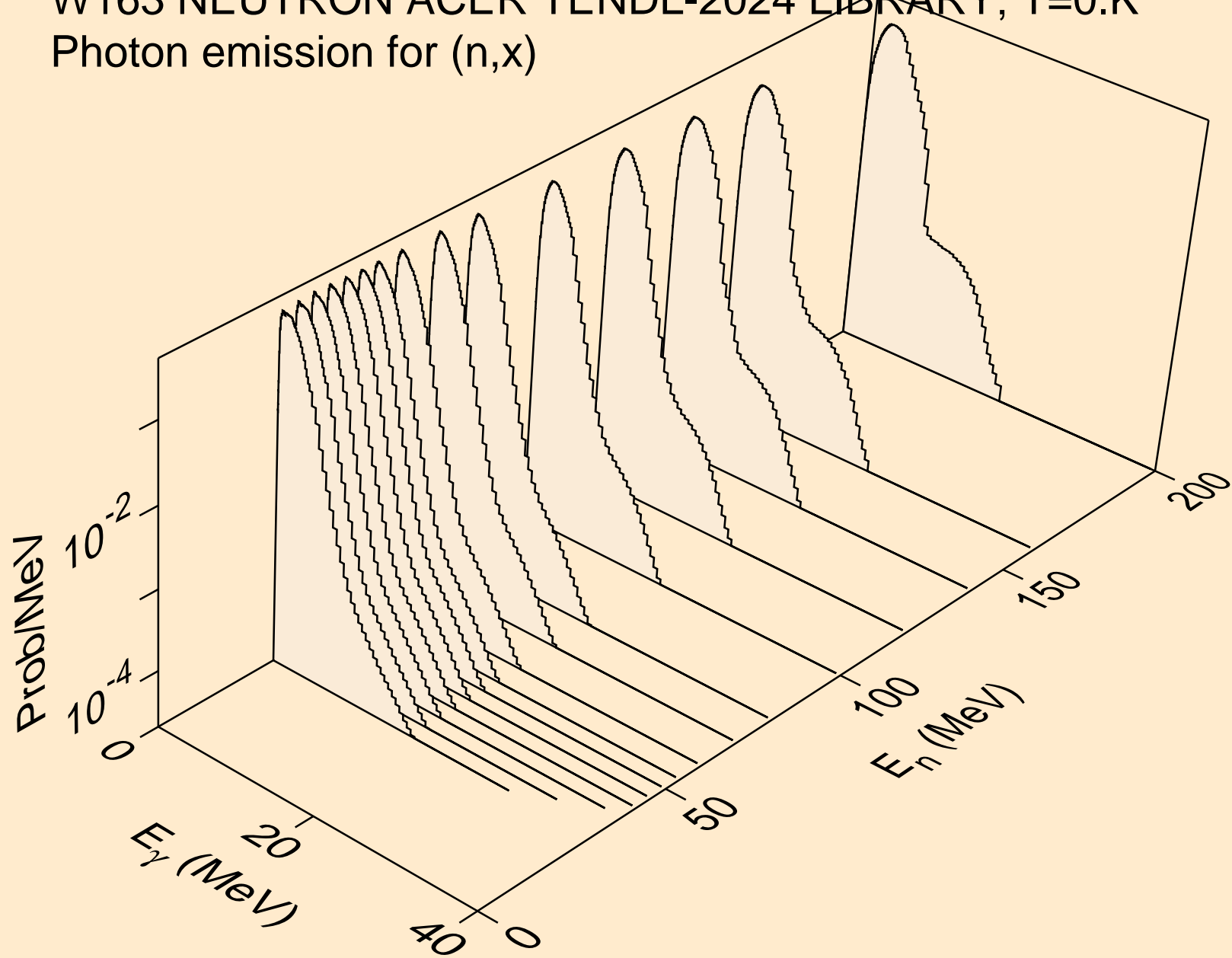
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)



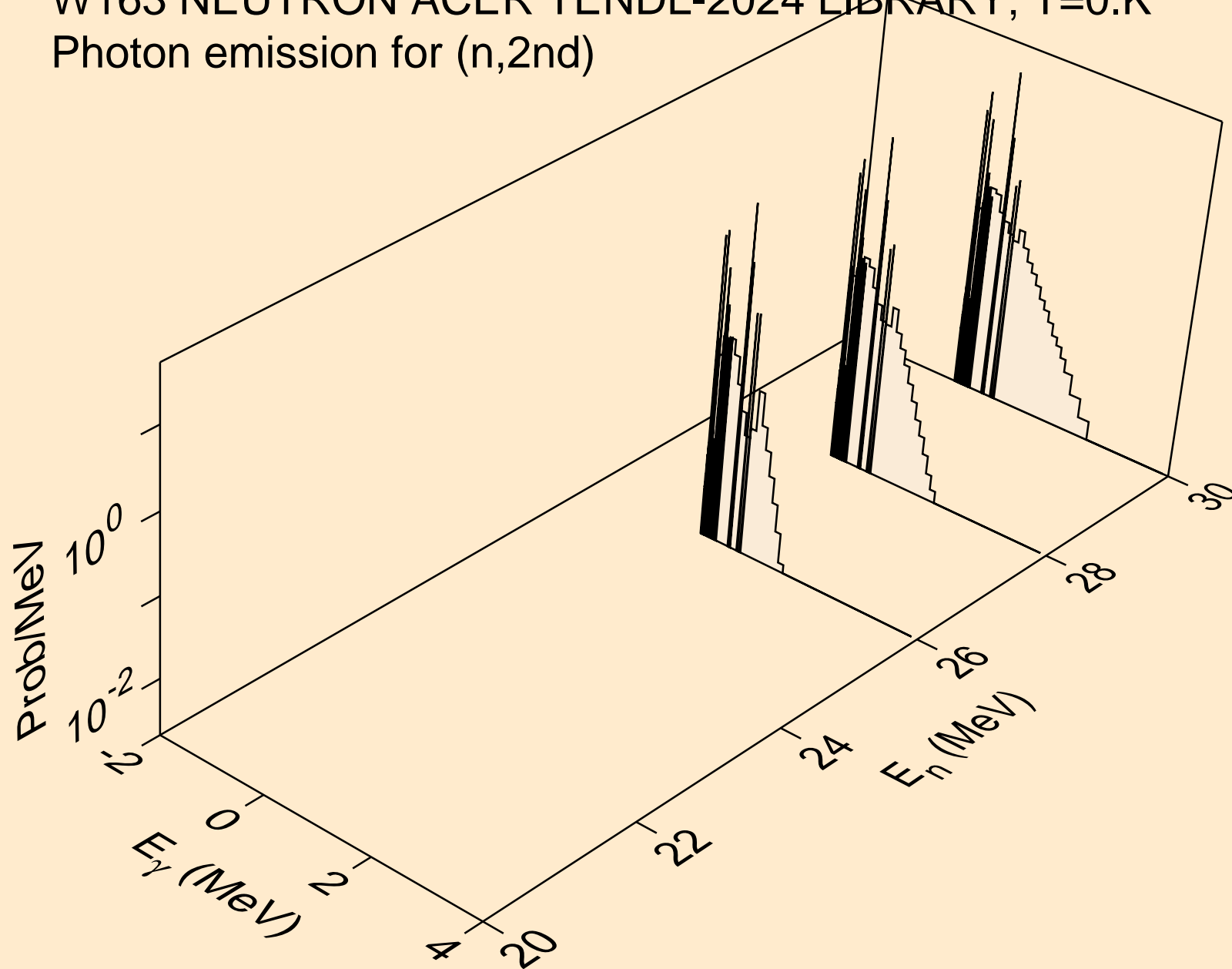
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



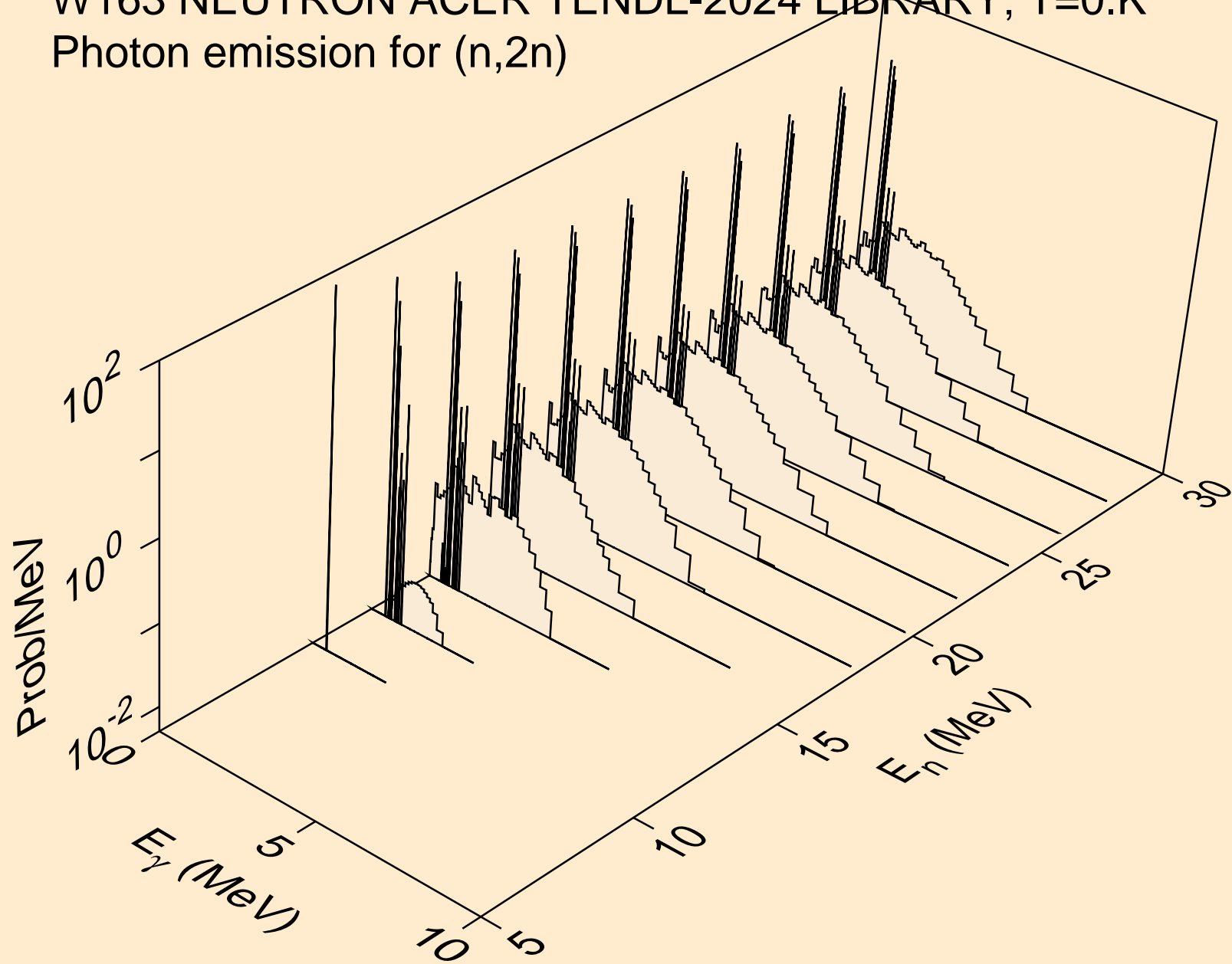
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



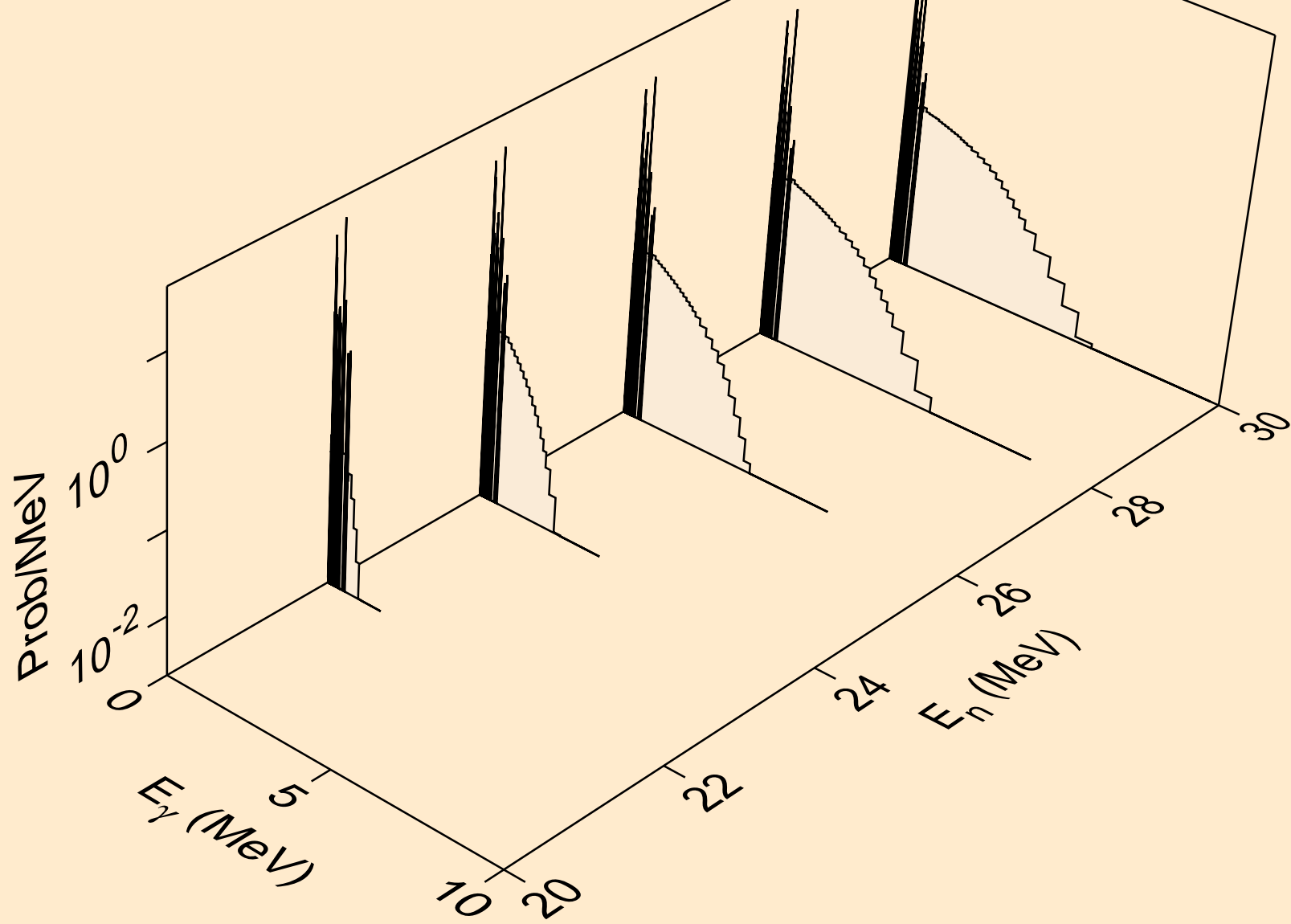
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



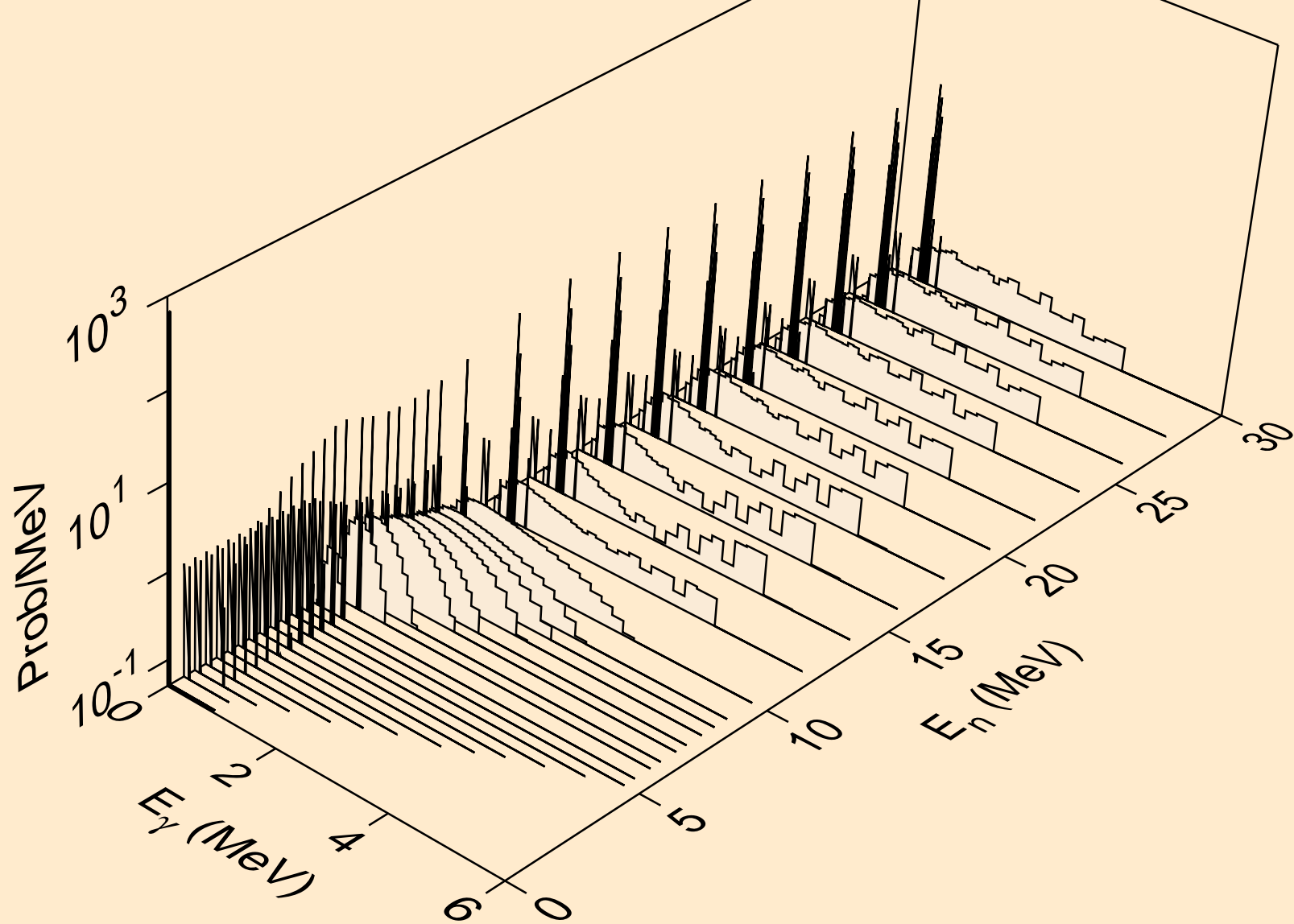
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



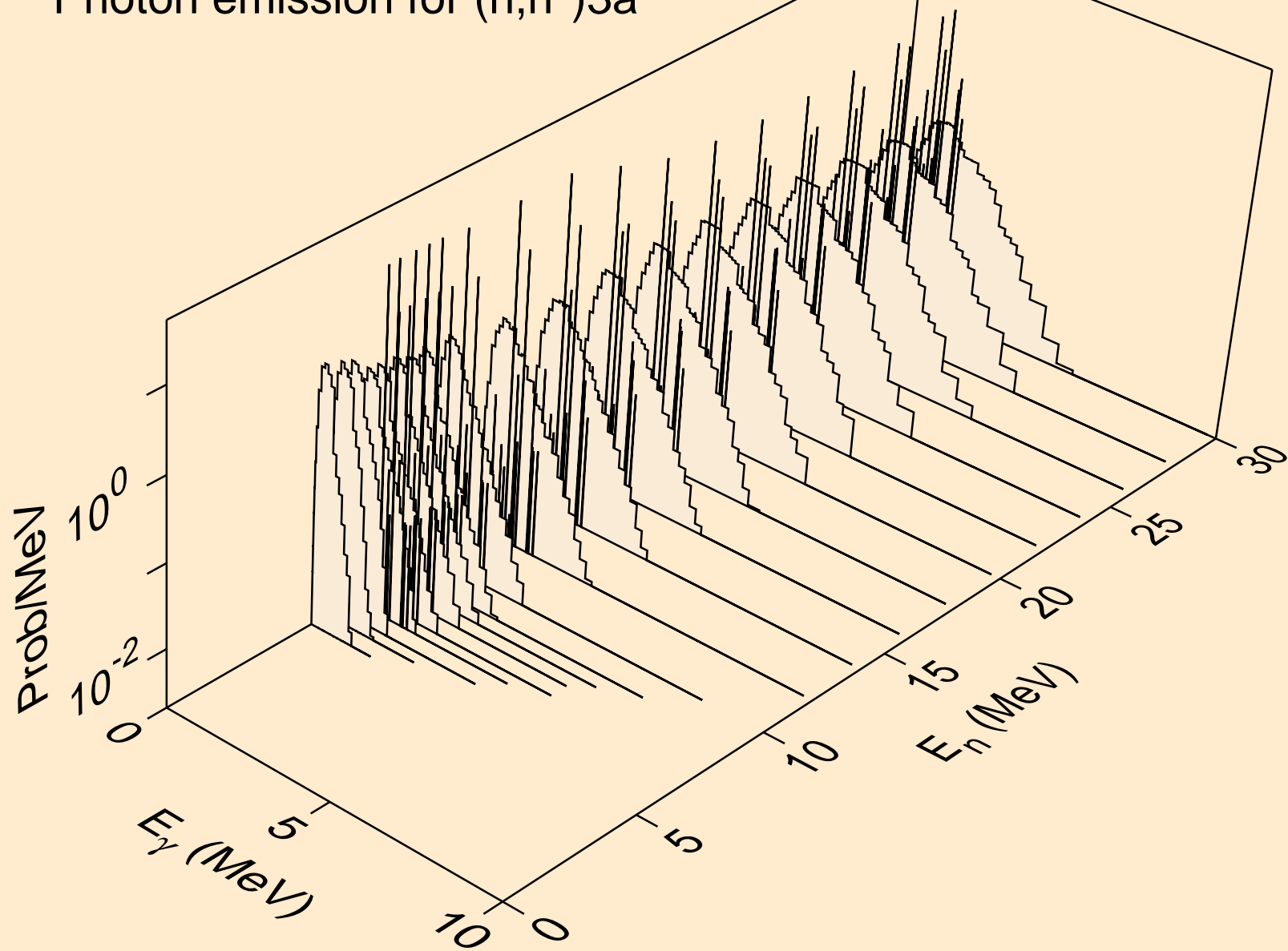
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



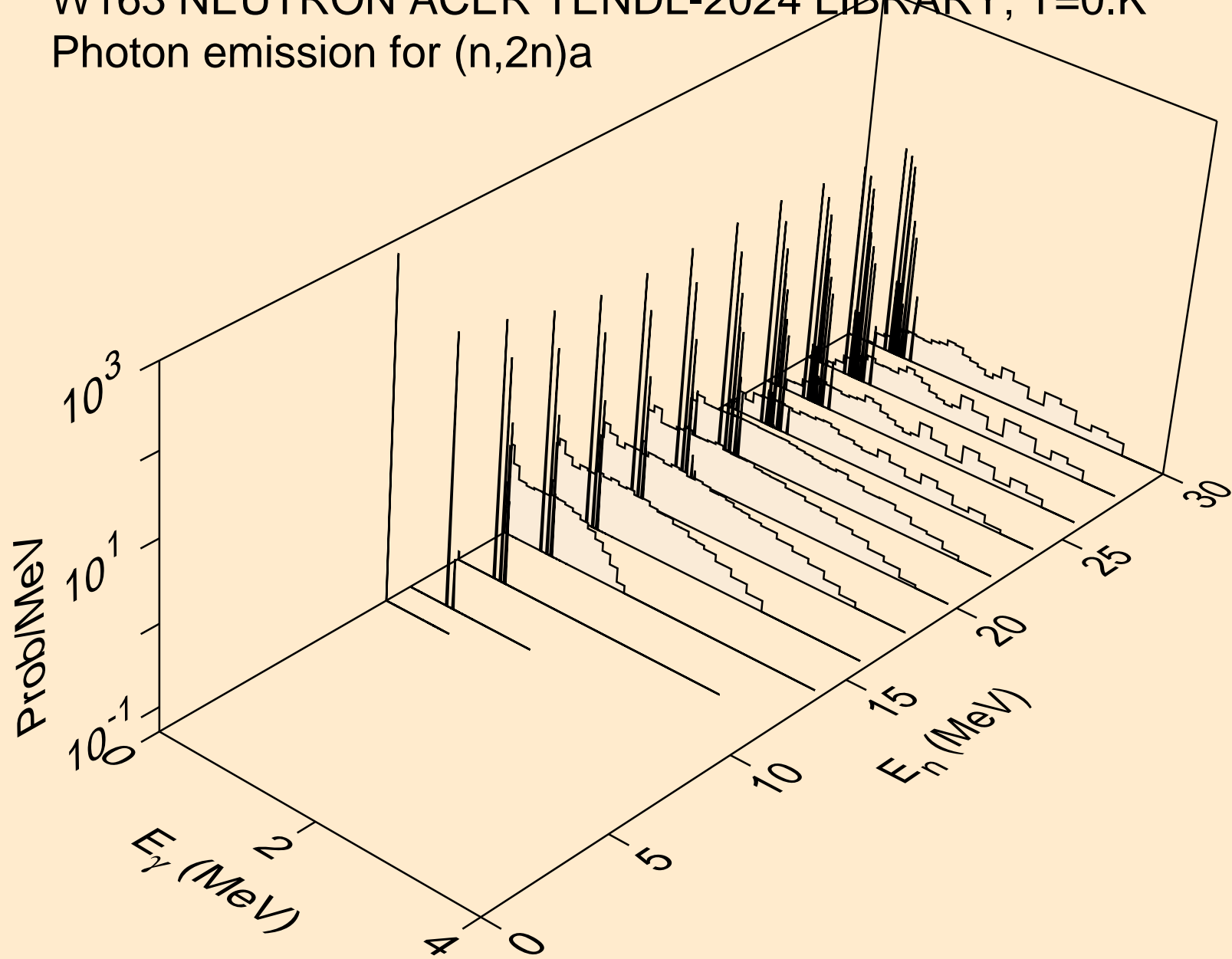
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



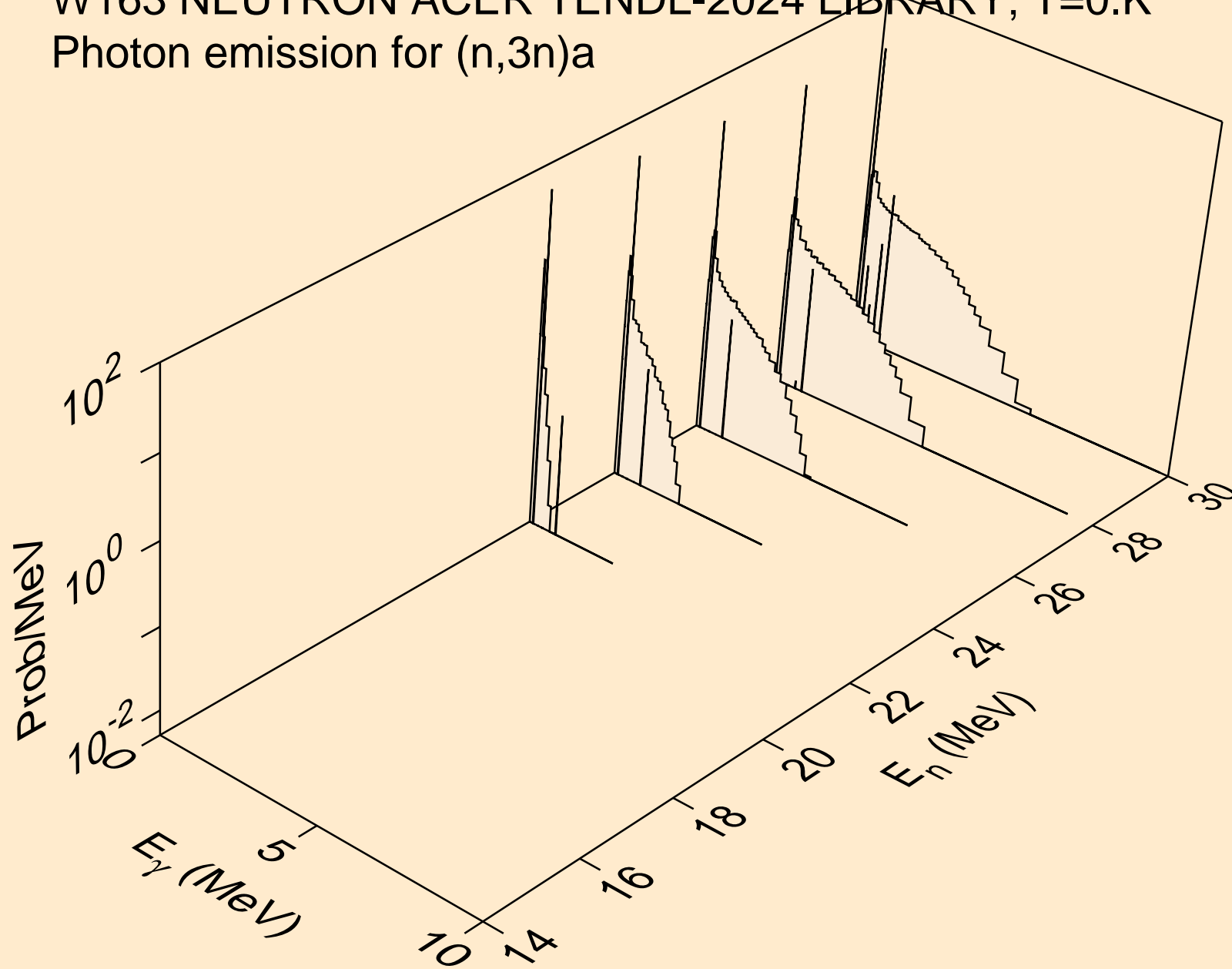
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)3a



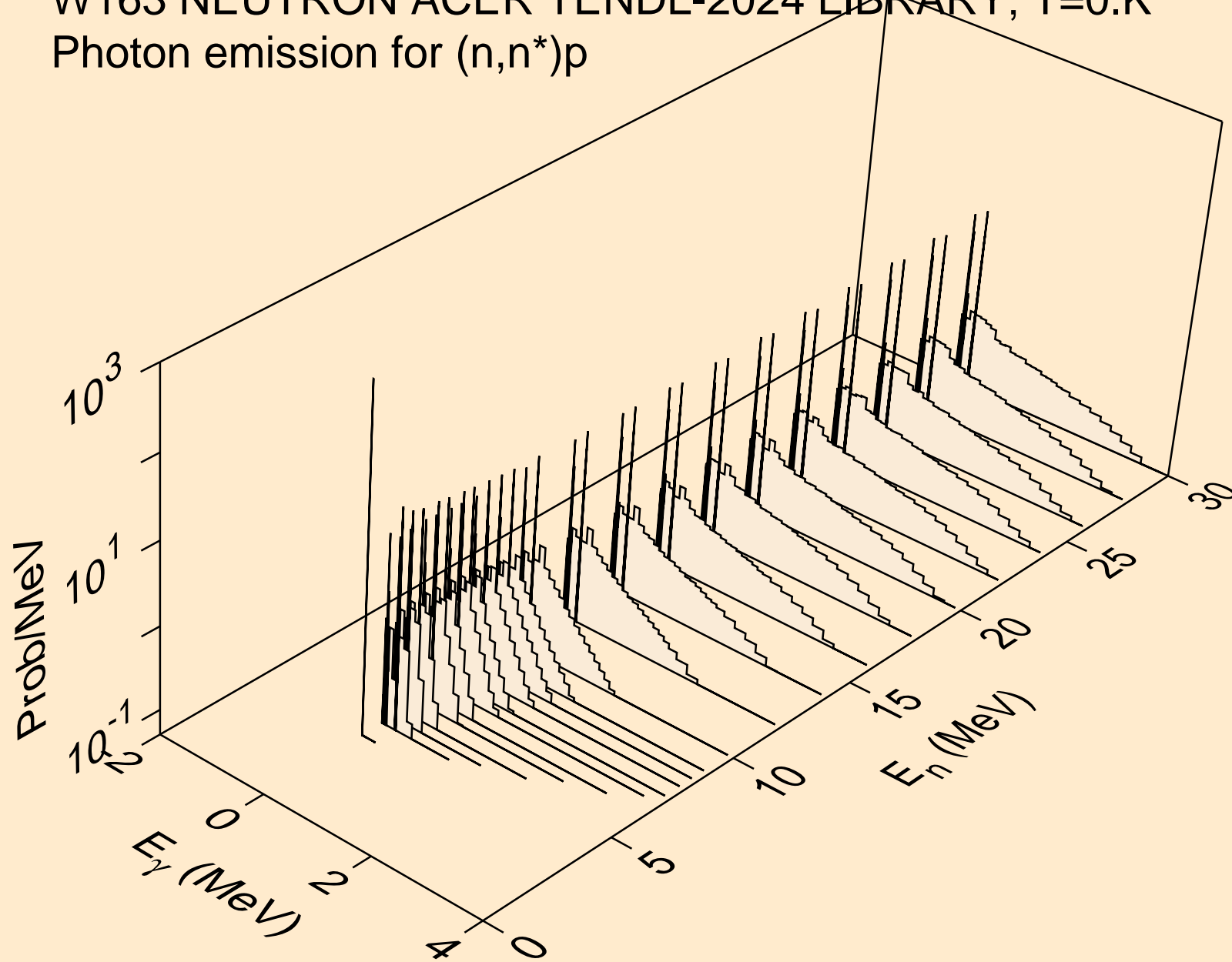
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



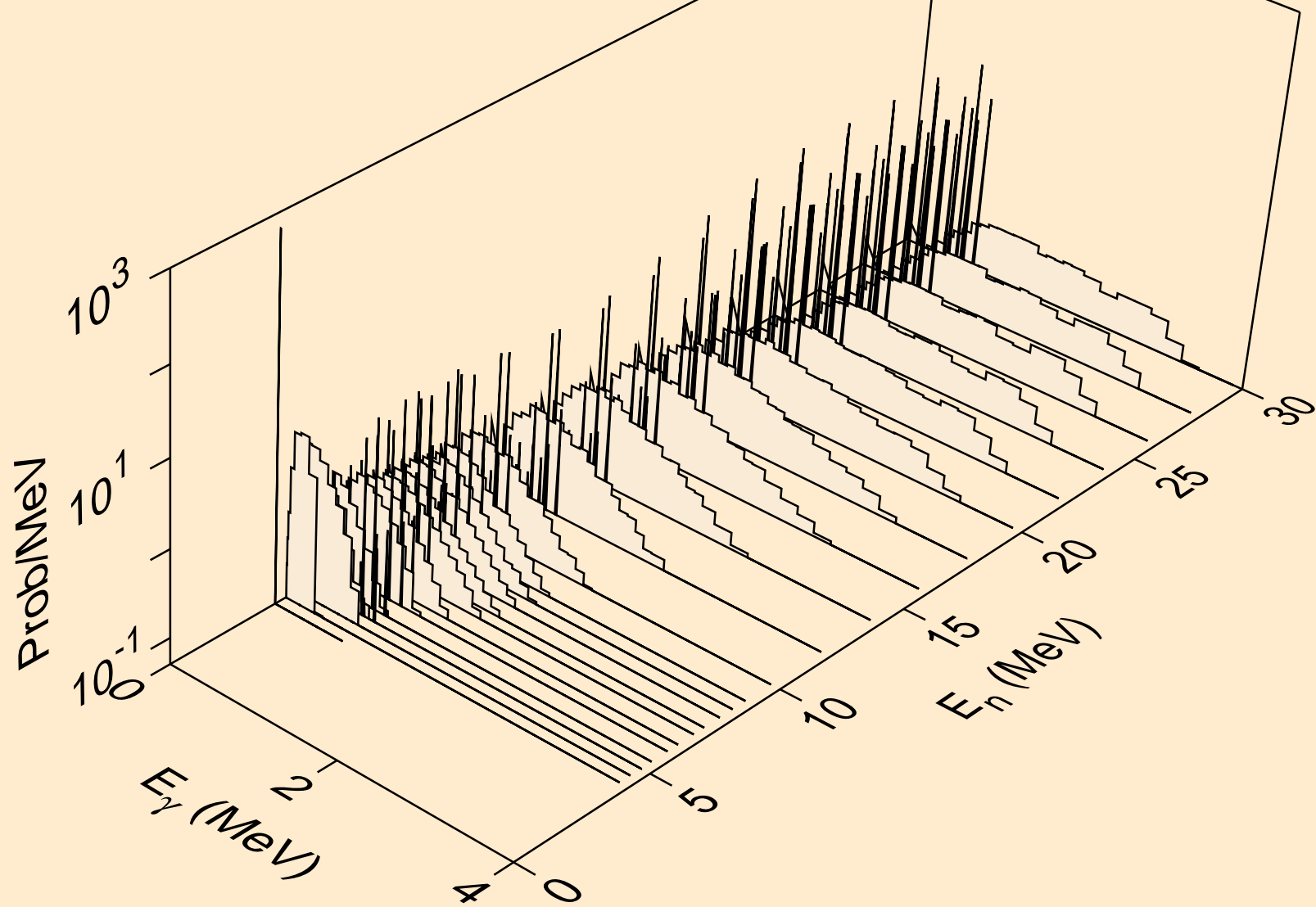
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)a



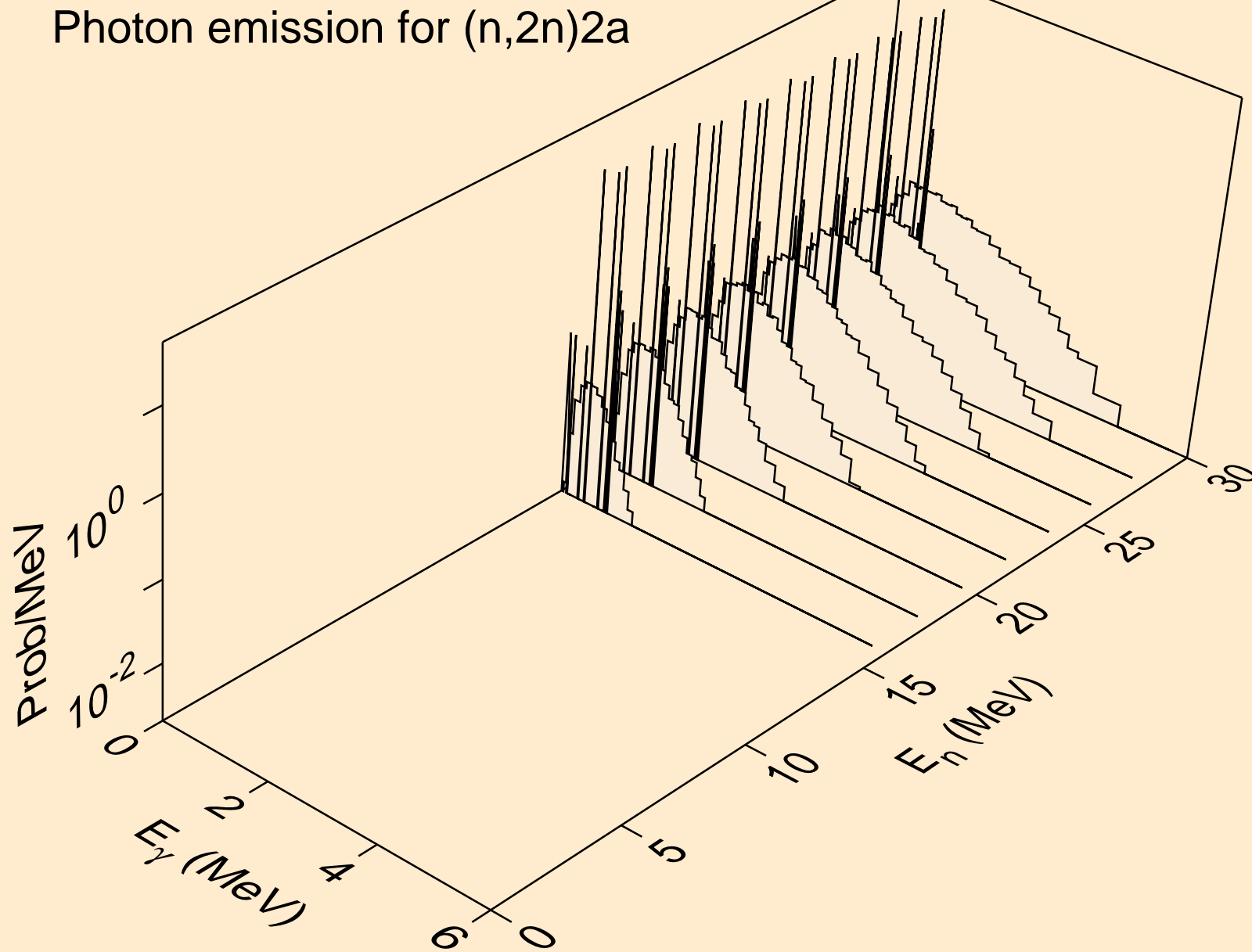
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



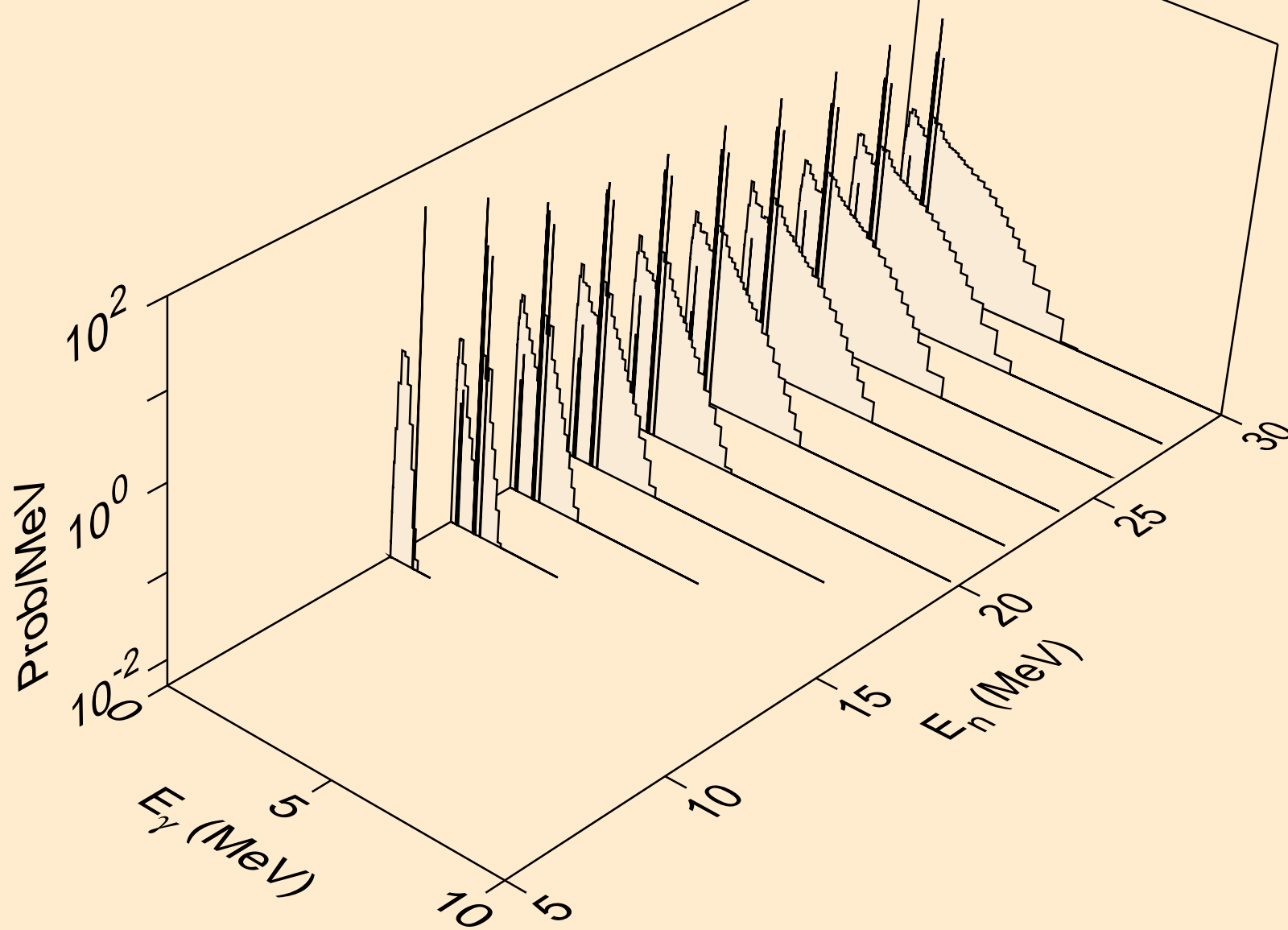
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



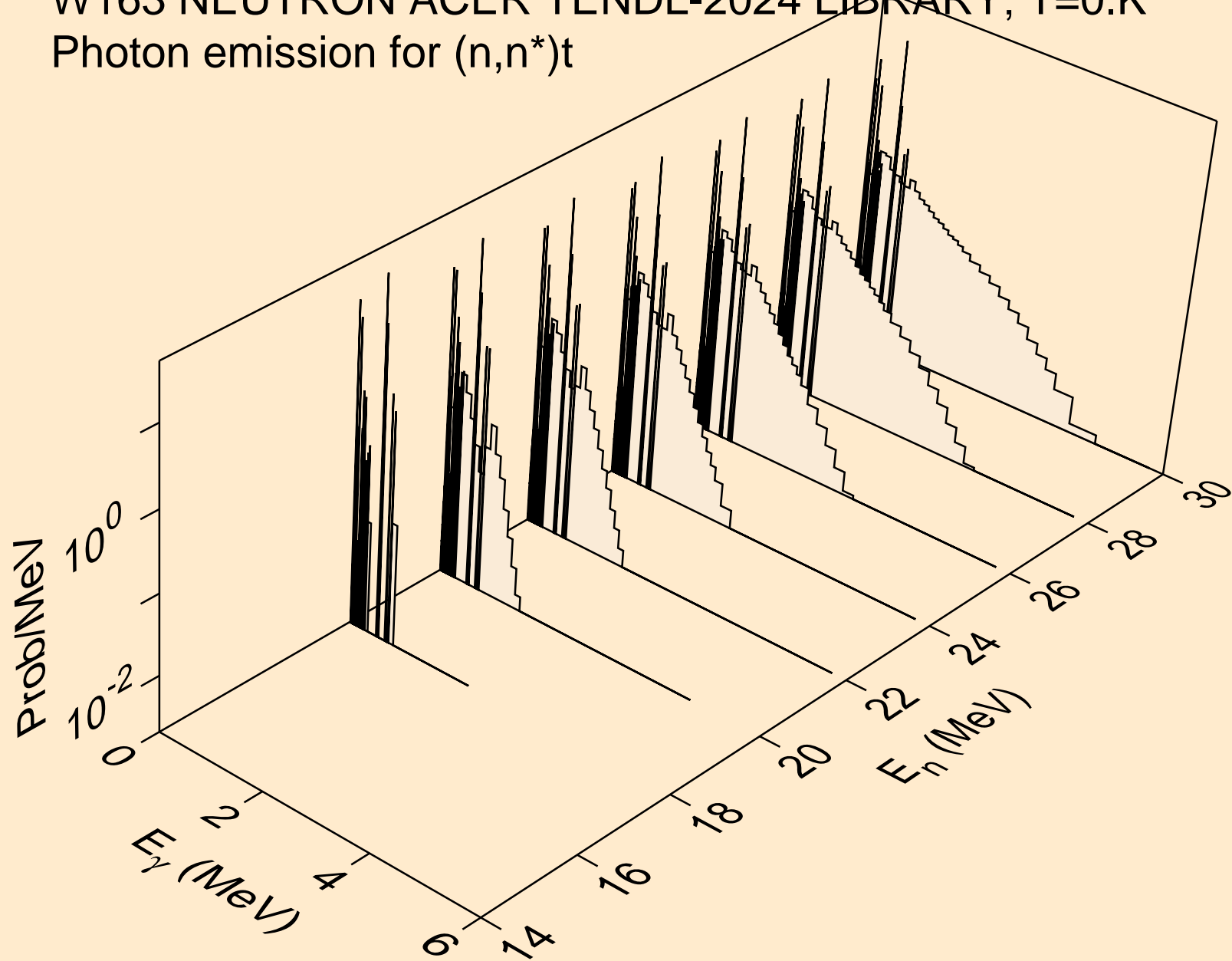
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)2a



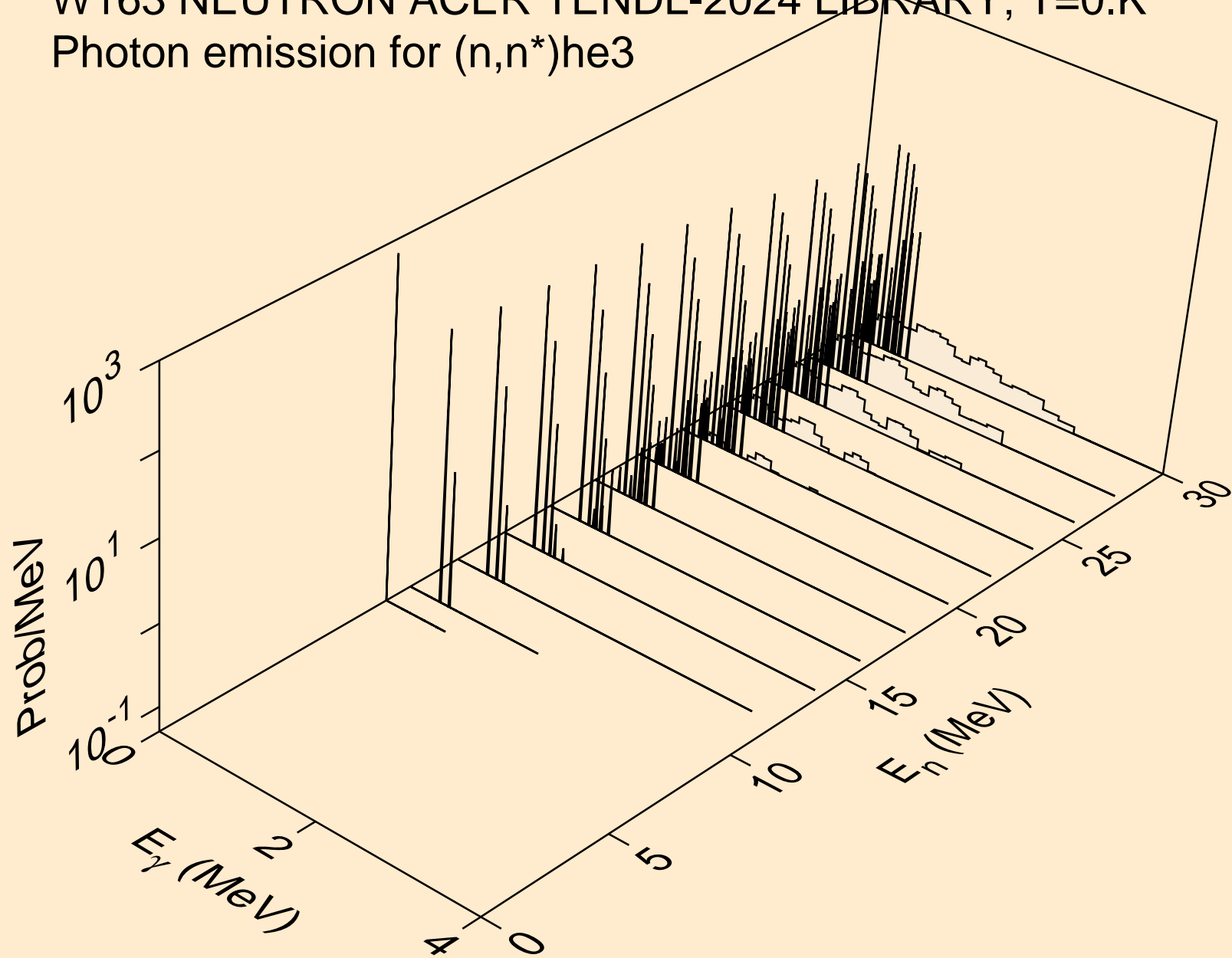
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



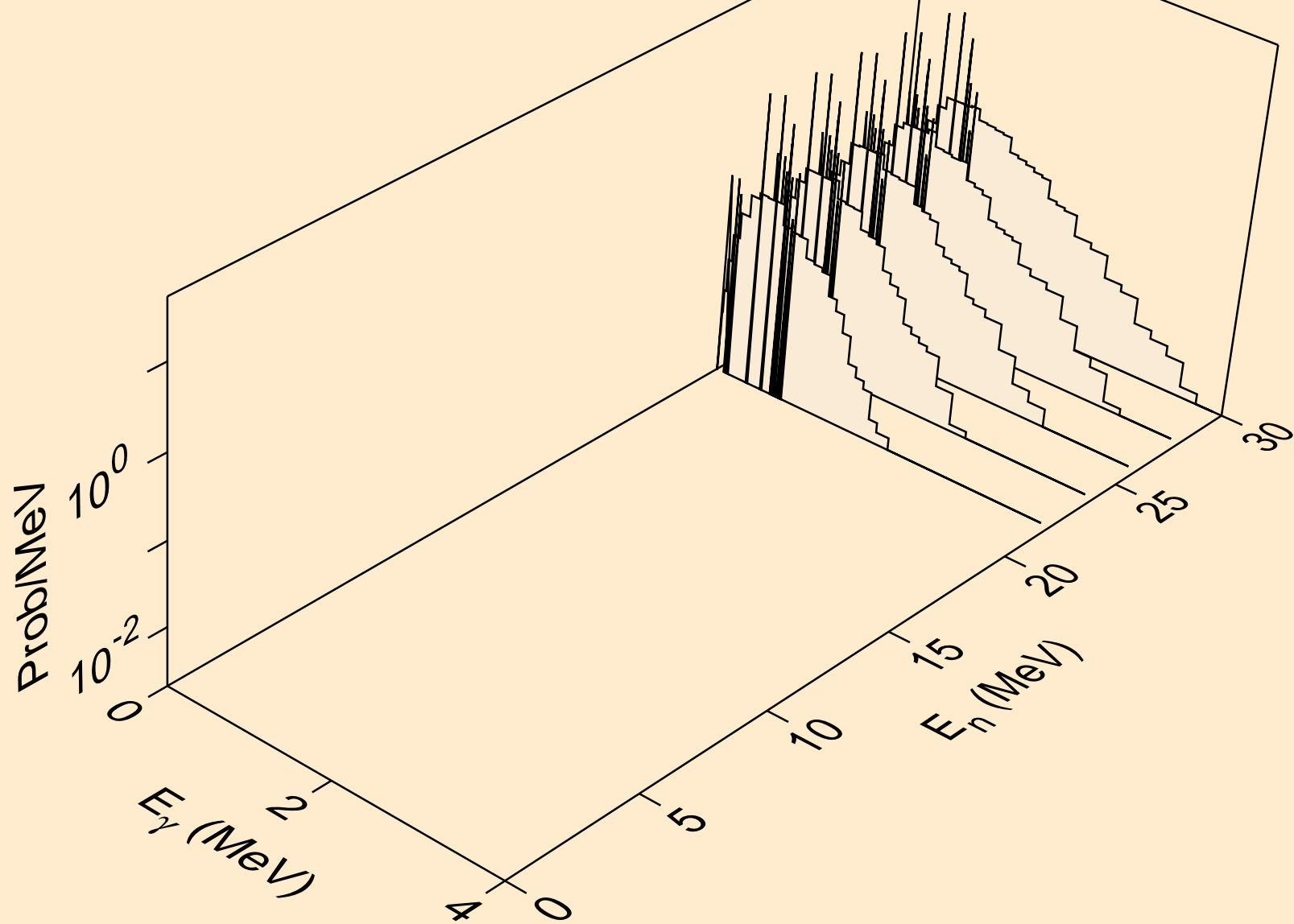
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



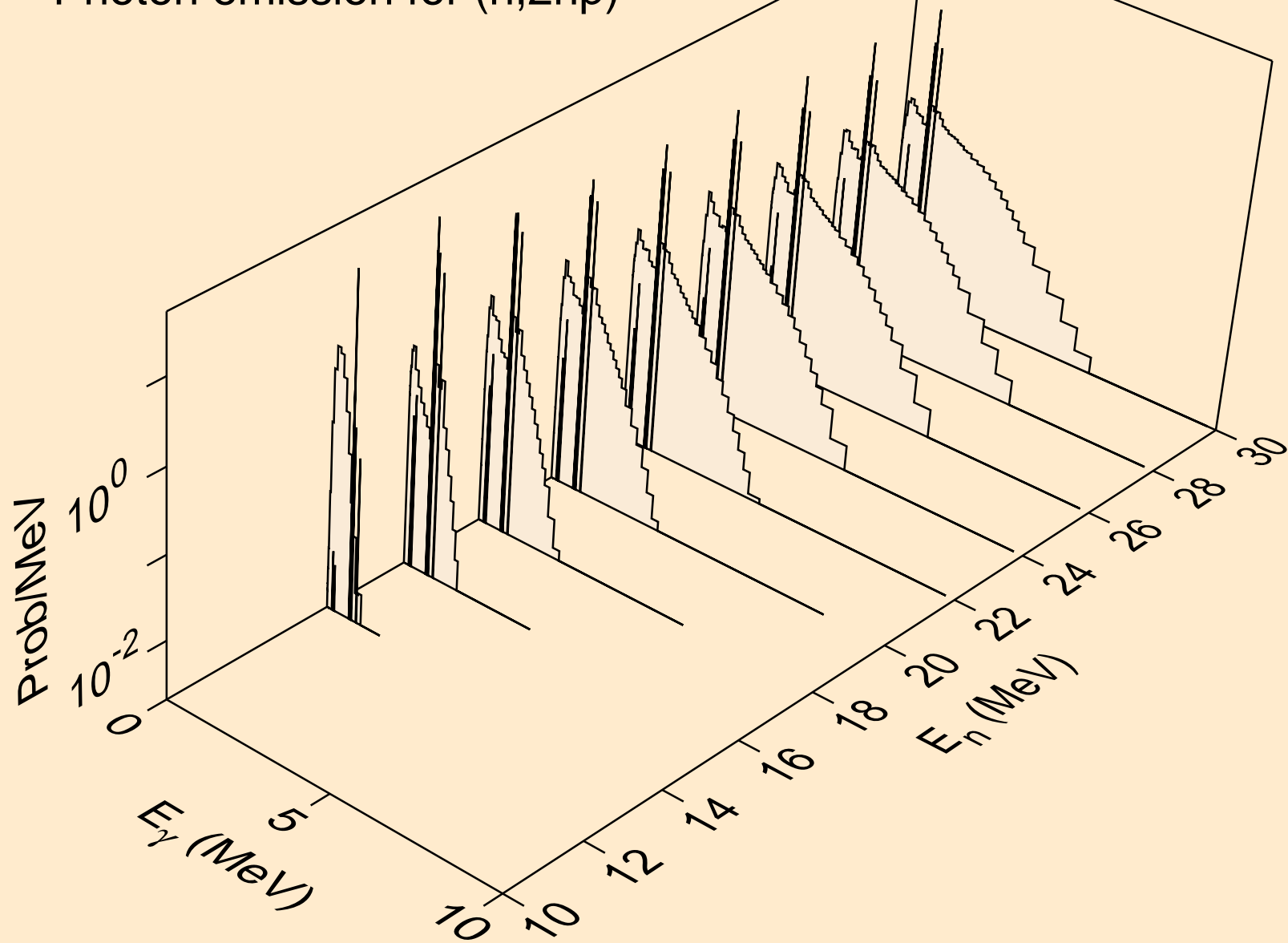
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



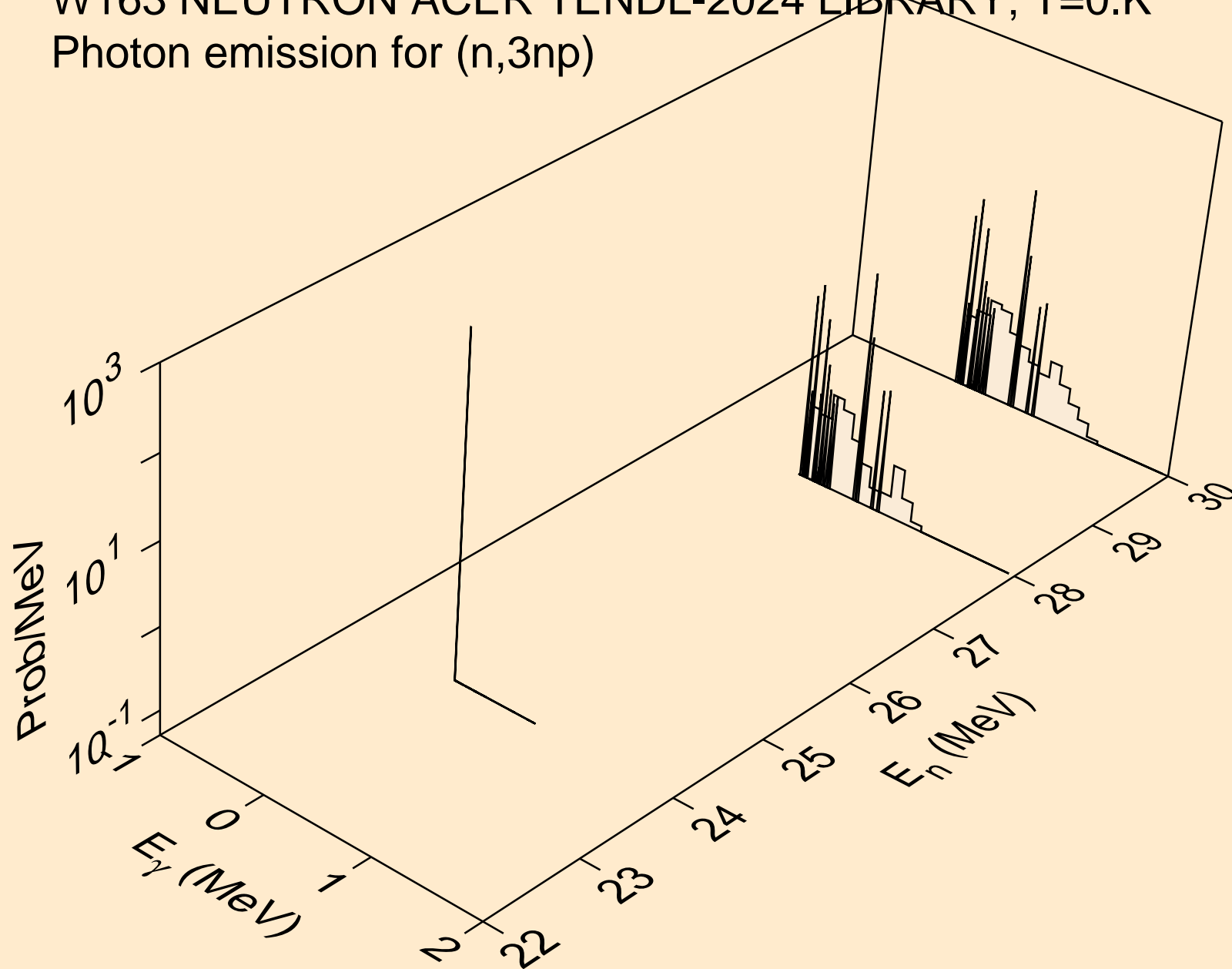
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d2a



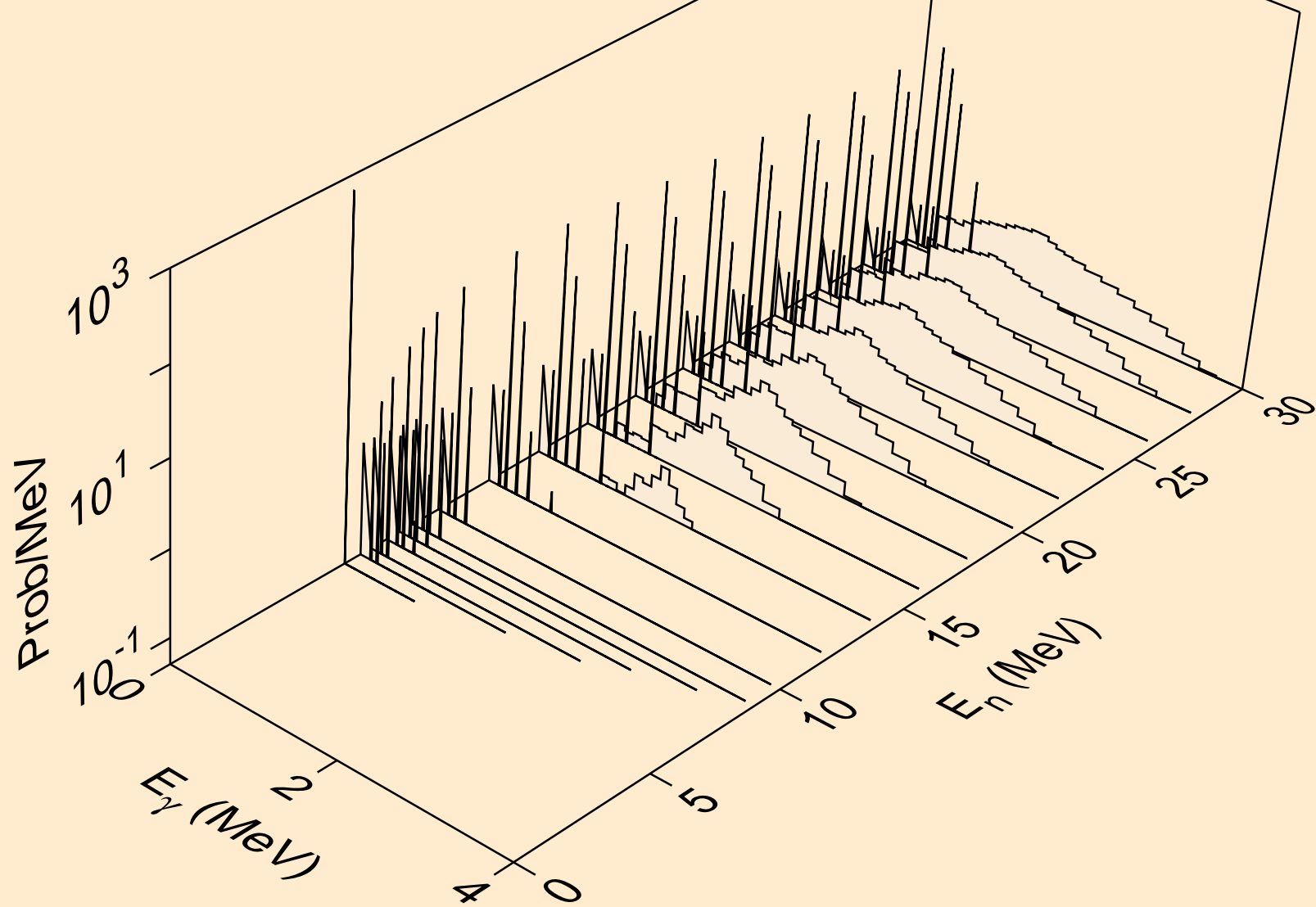
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



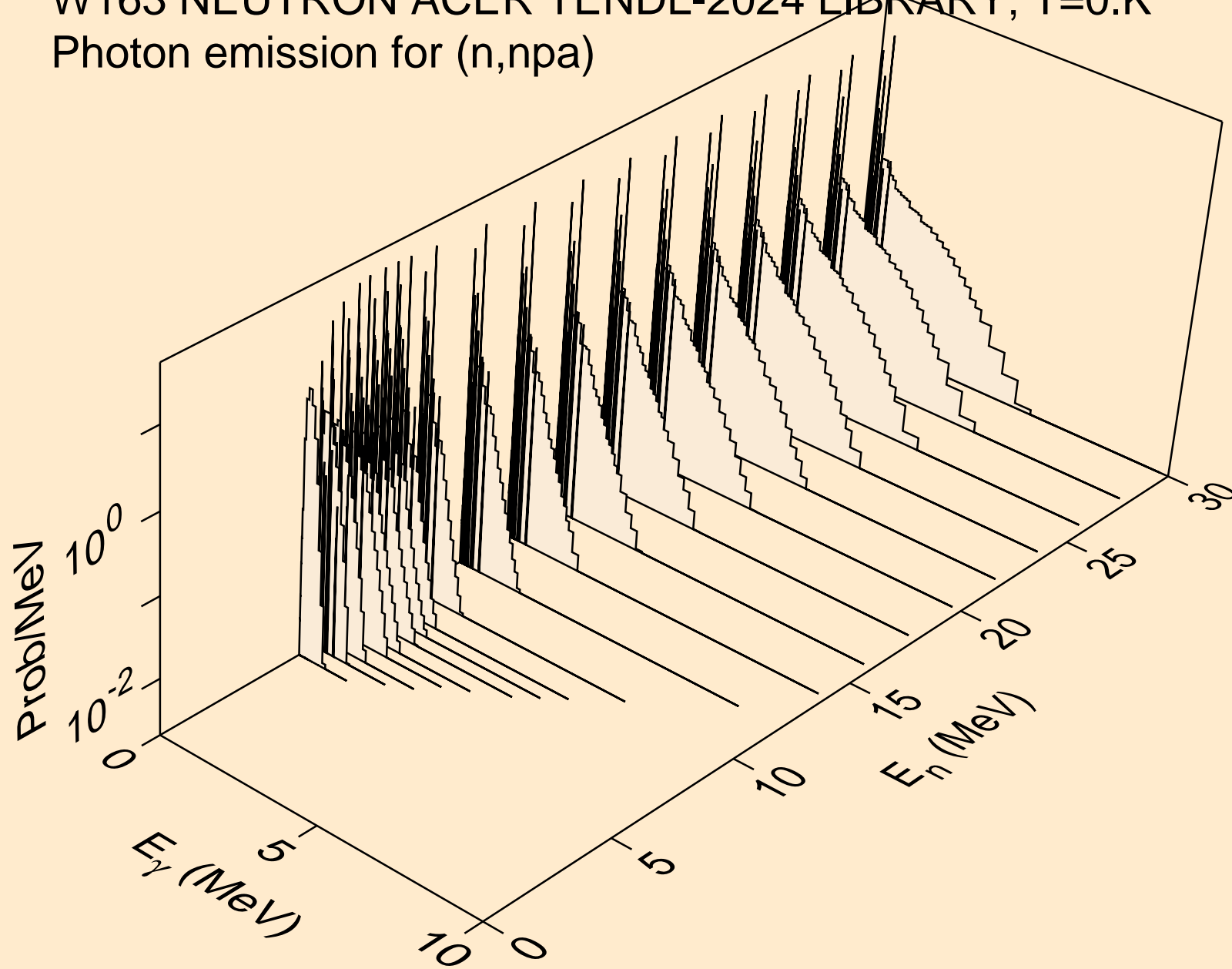
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



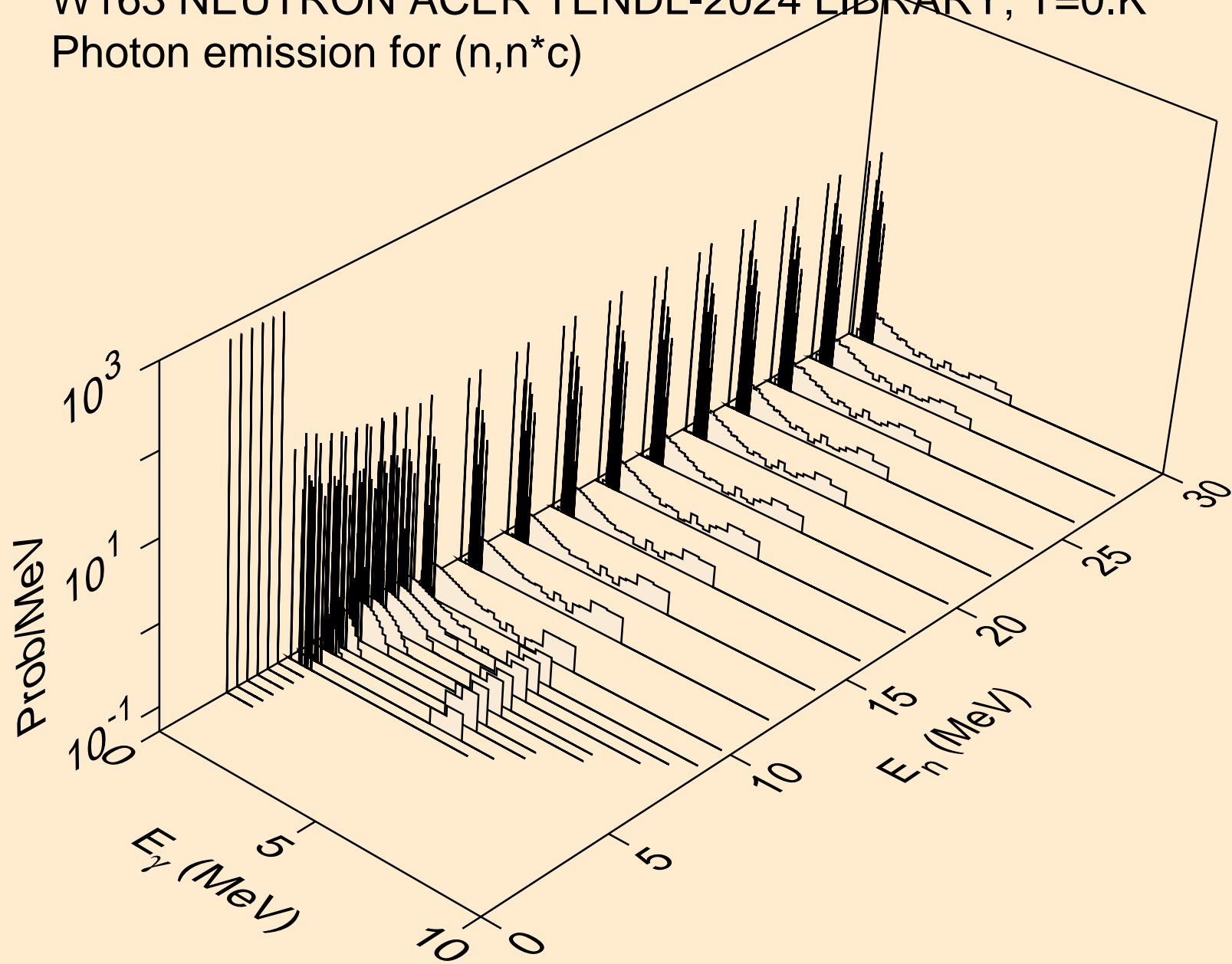
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



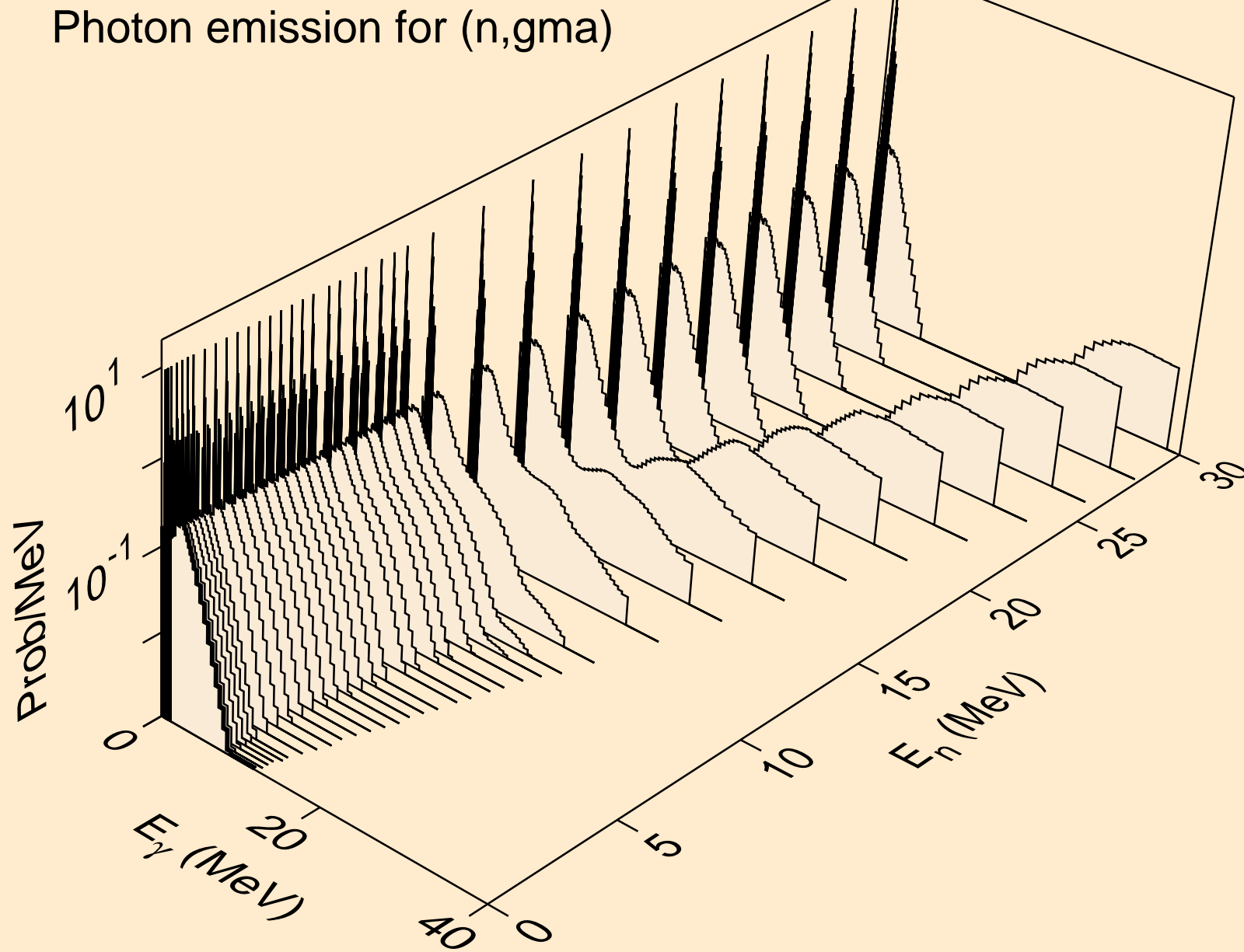
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



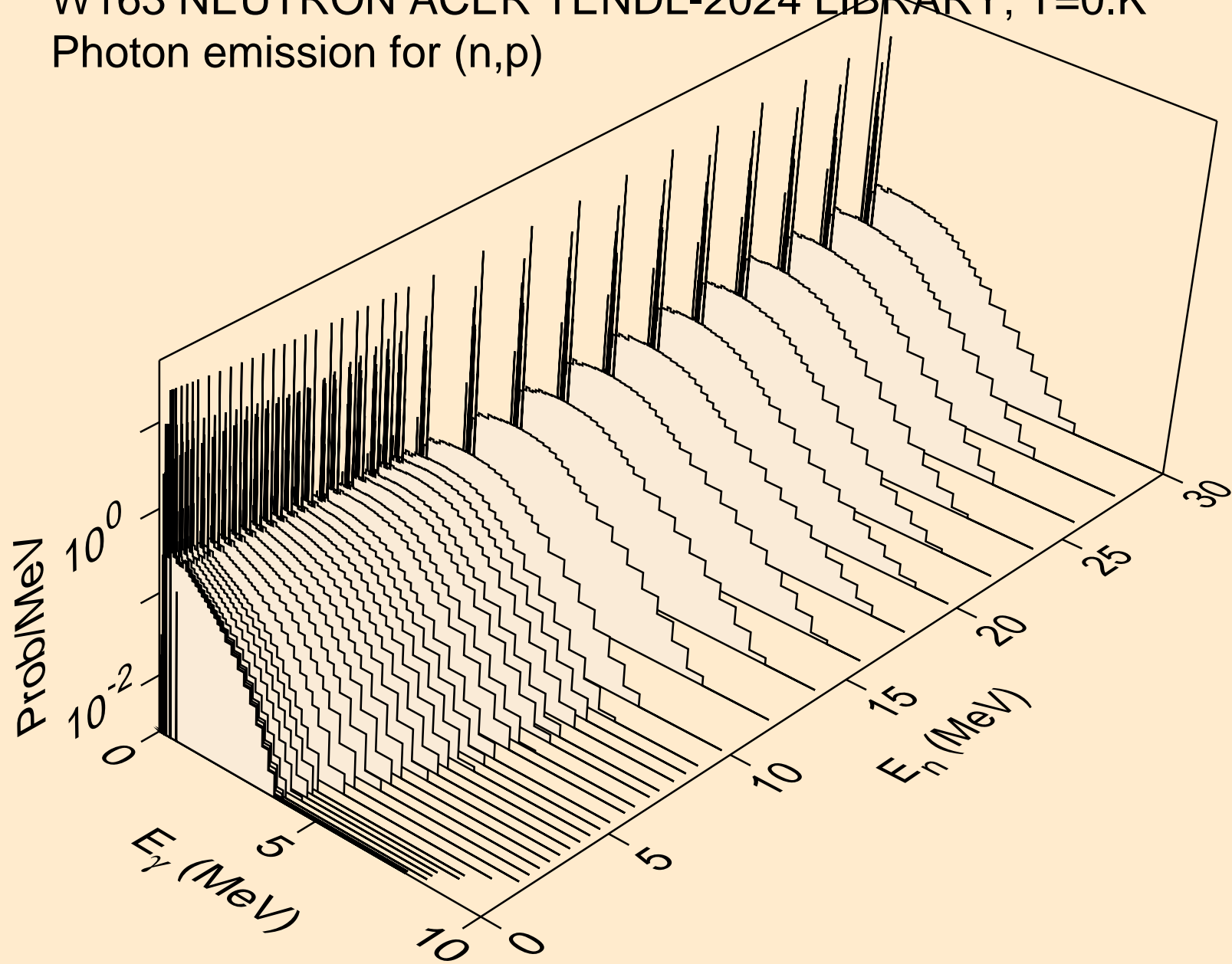
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*c)



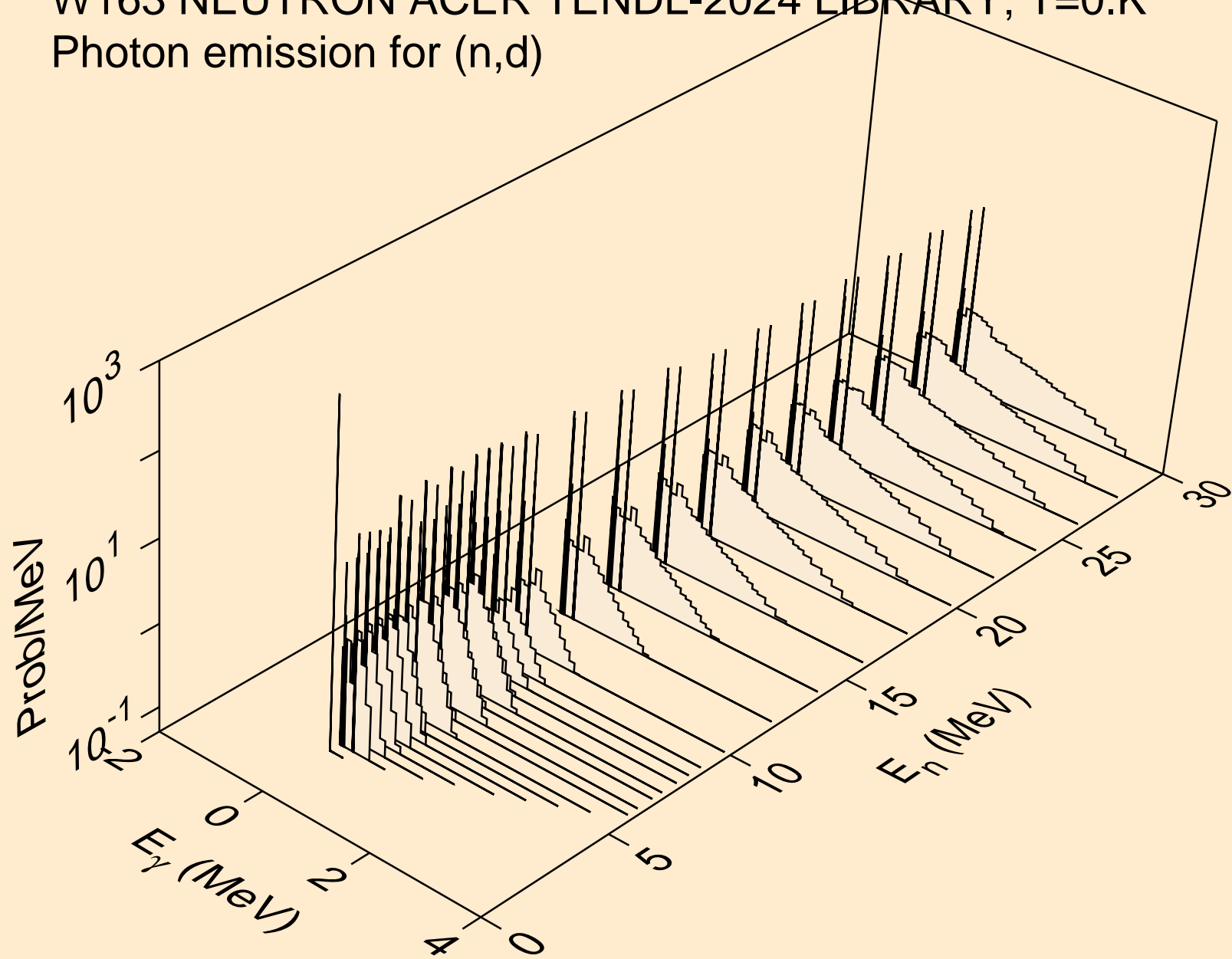
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



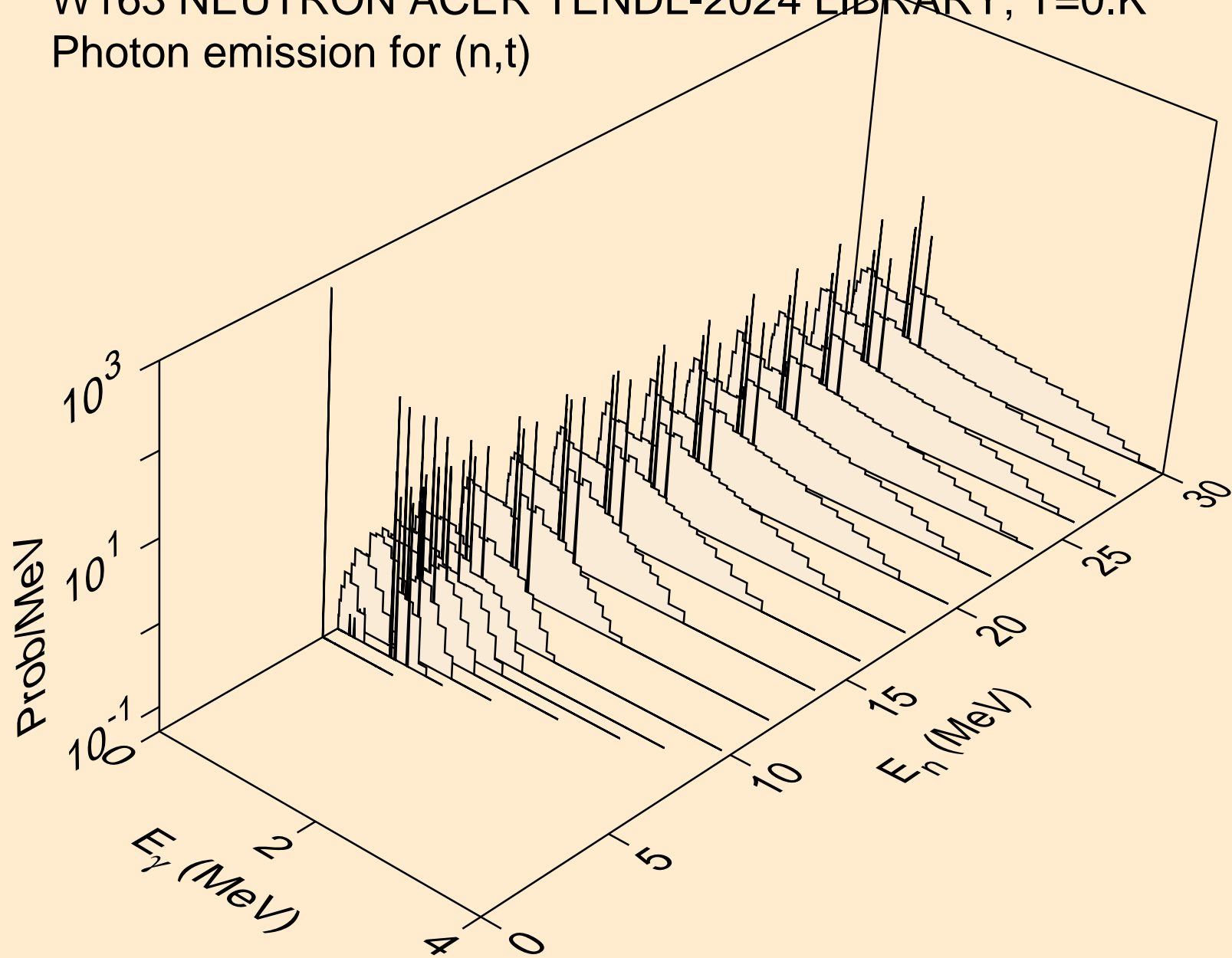
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



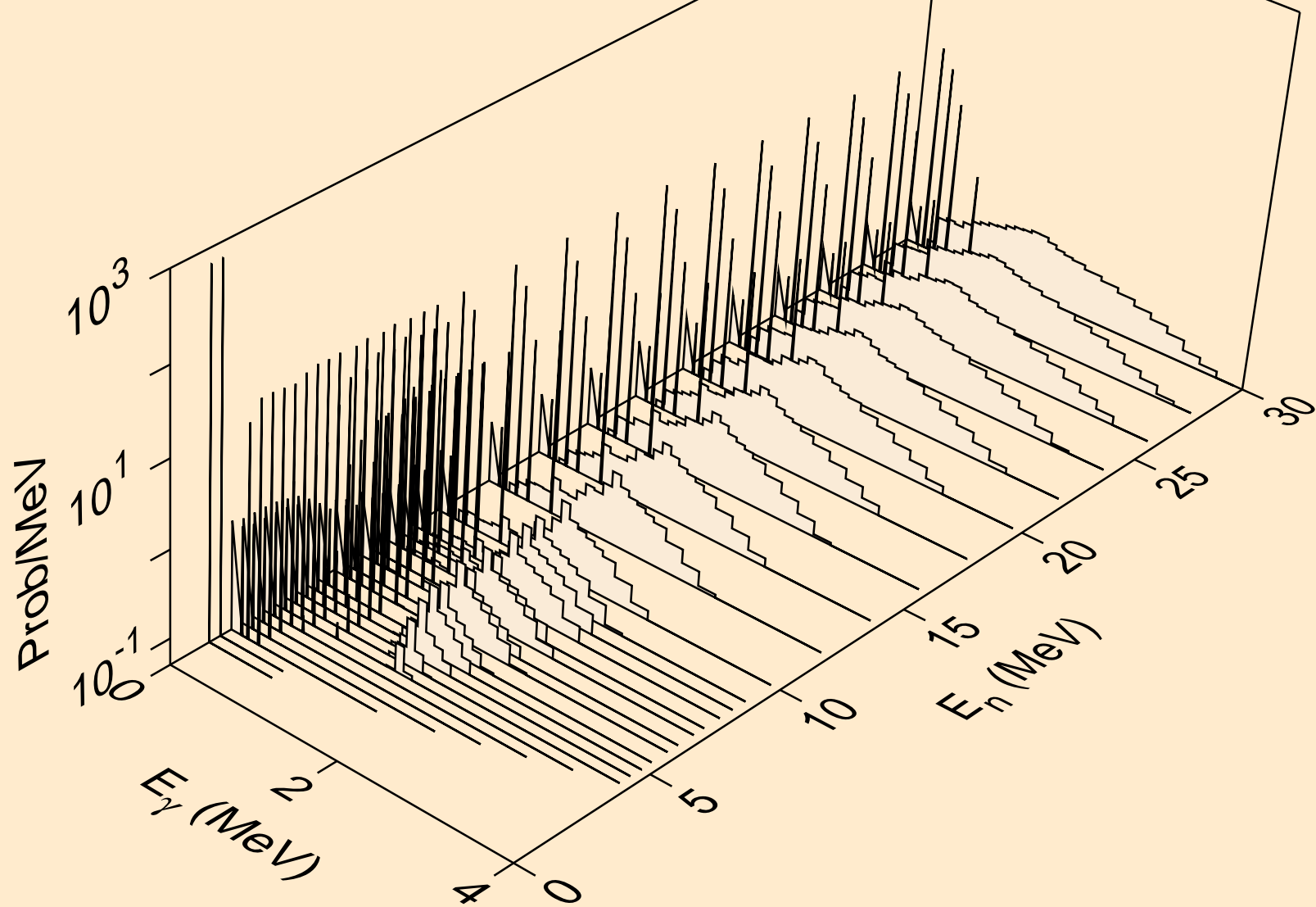
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



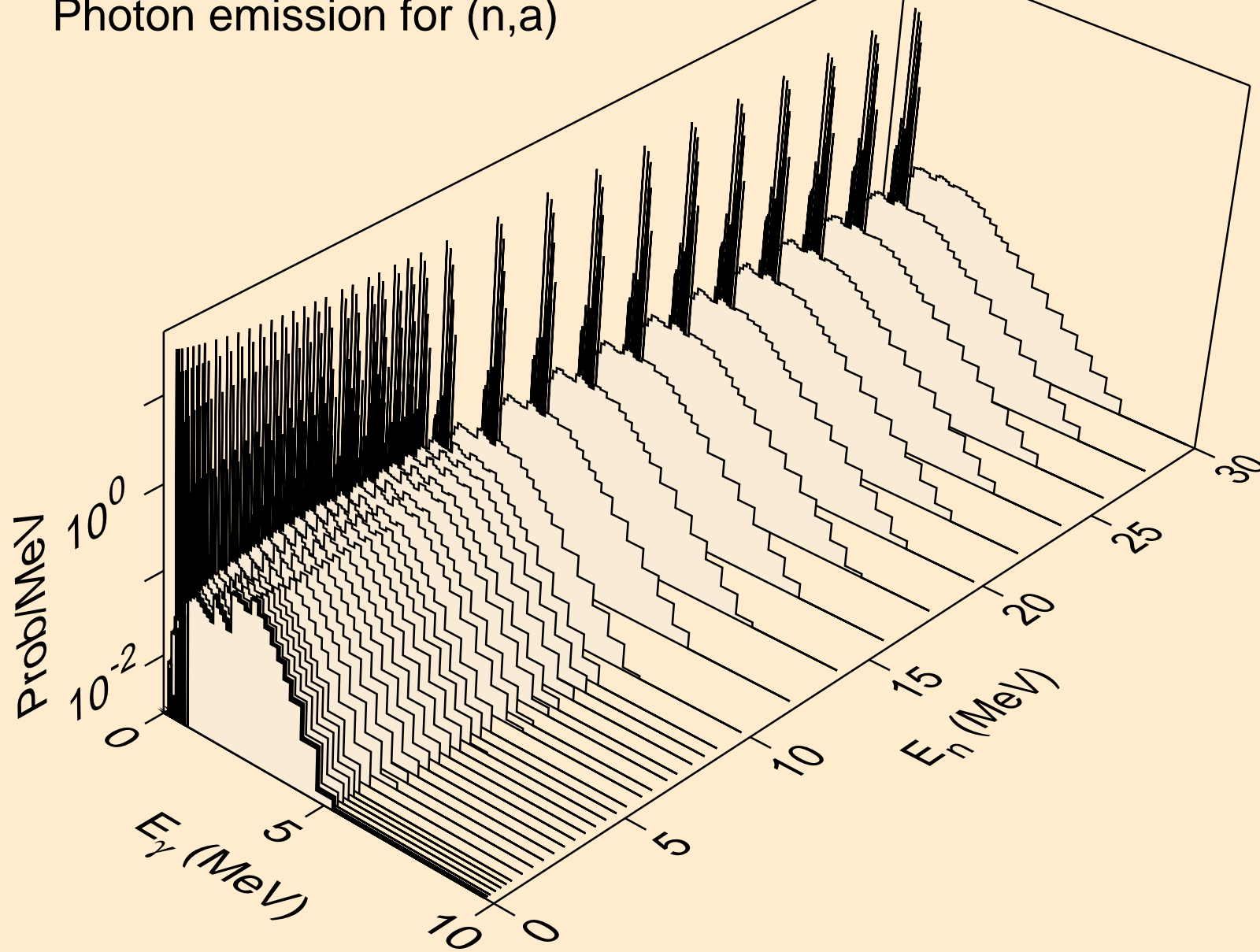
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



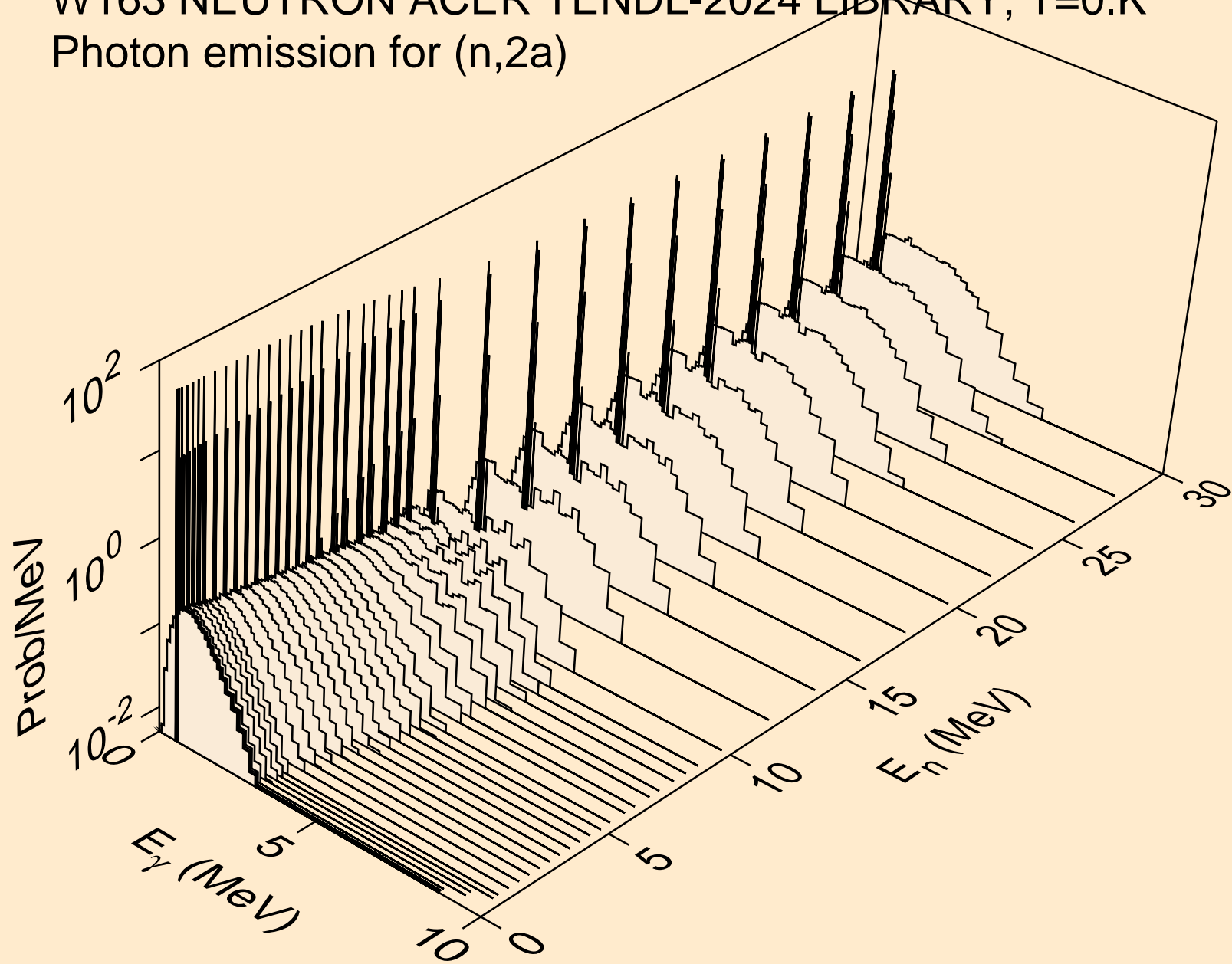
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



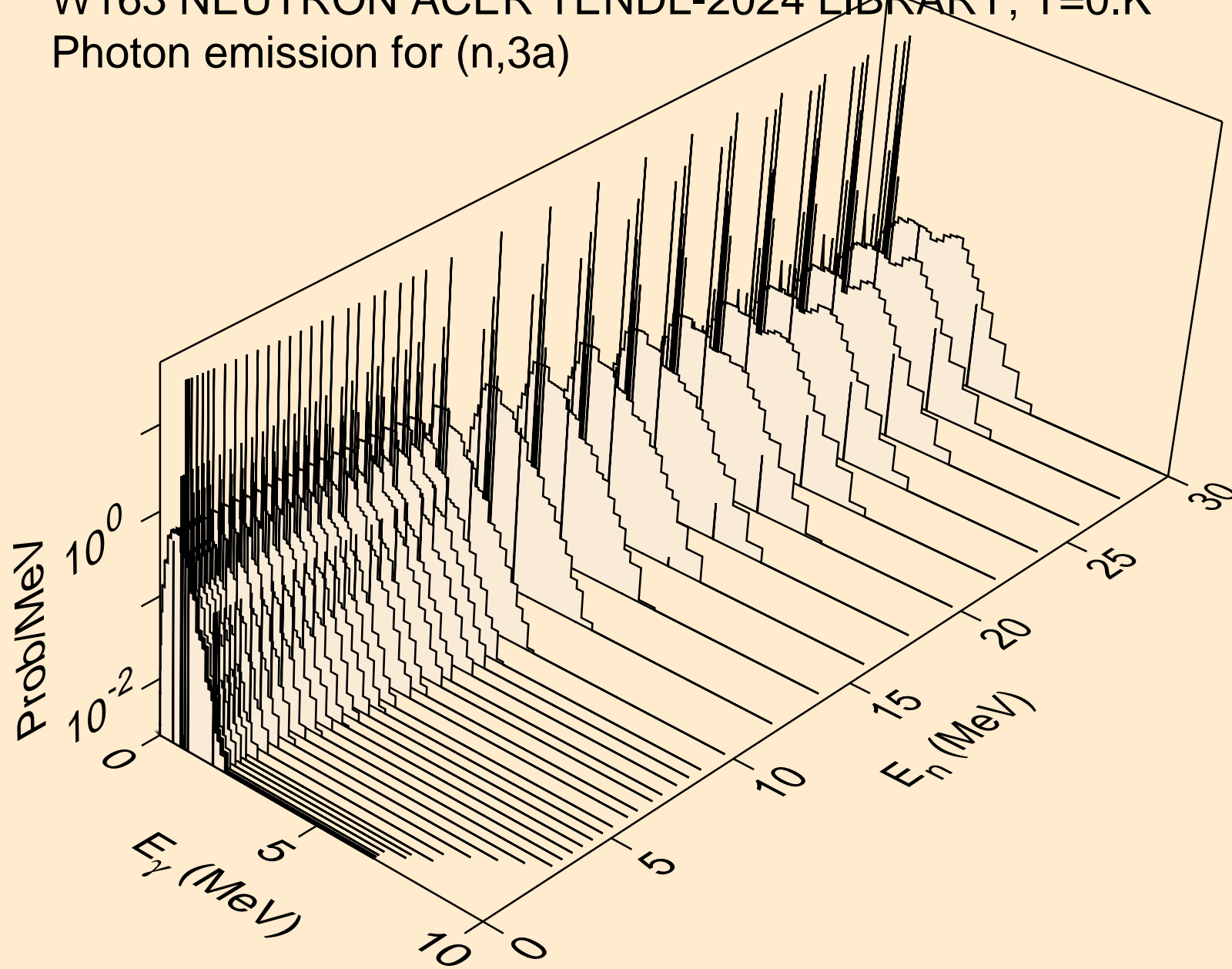
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



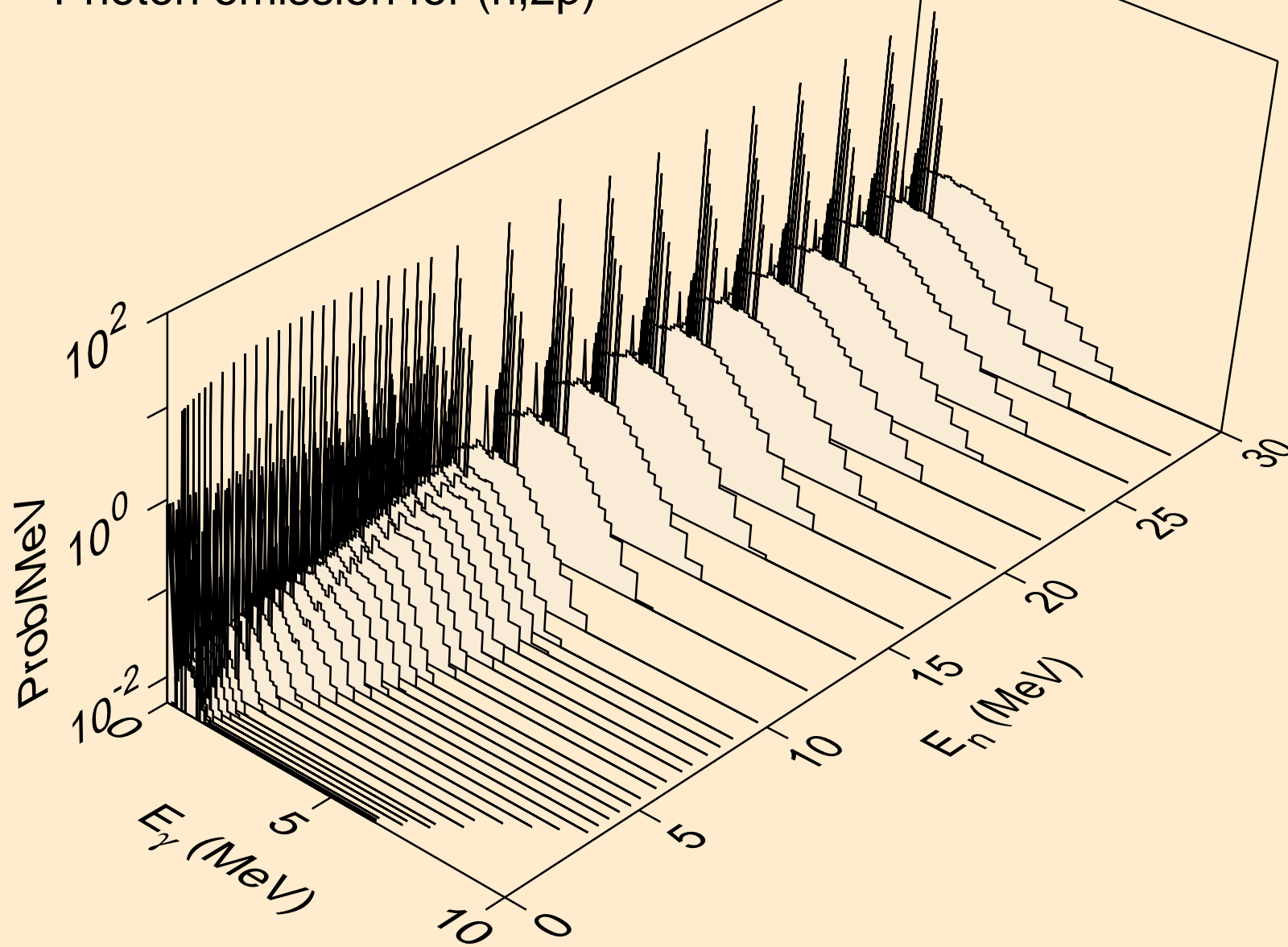
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



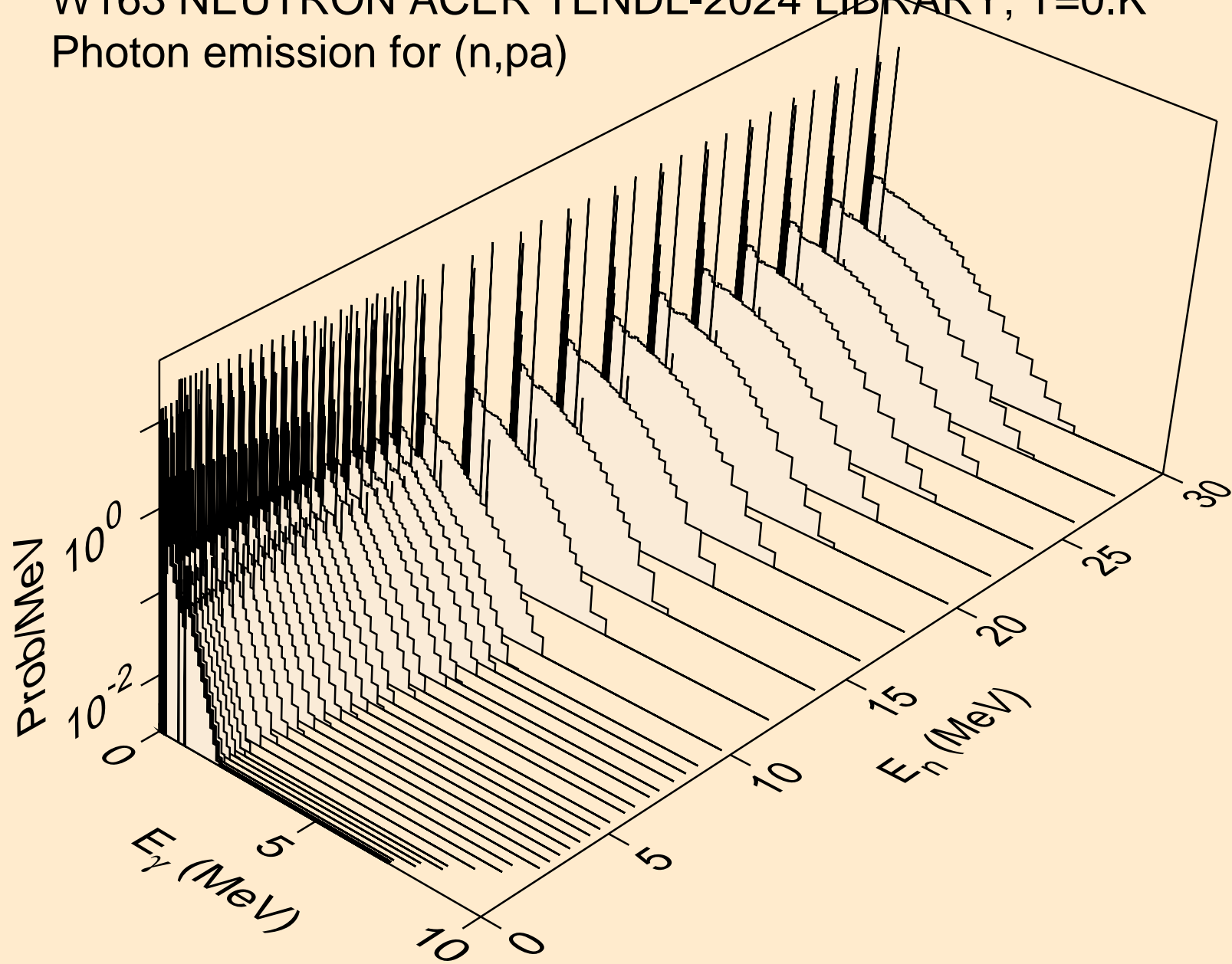
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3a)



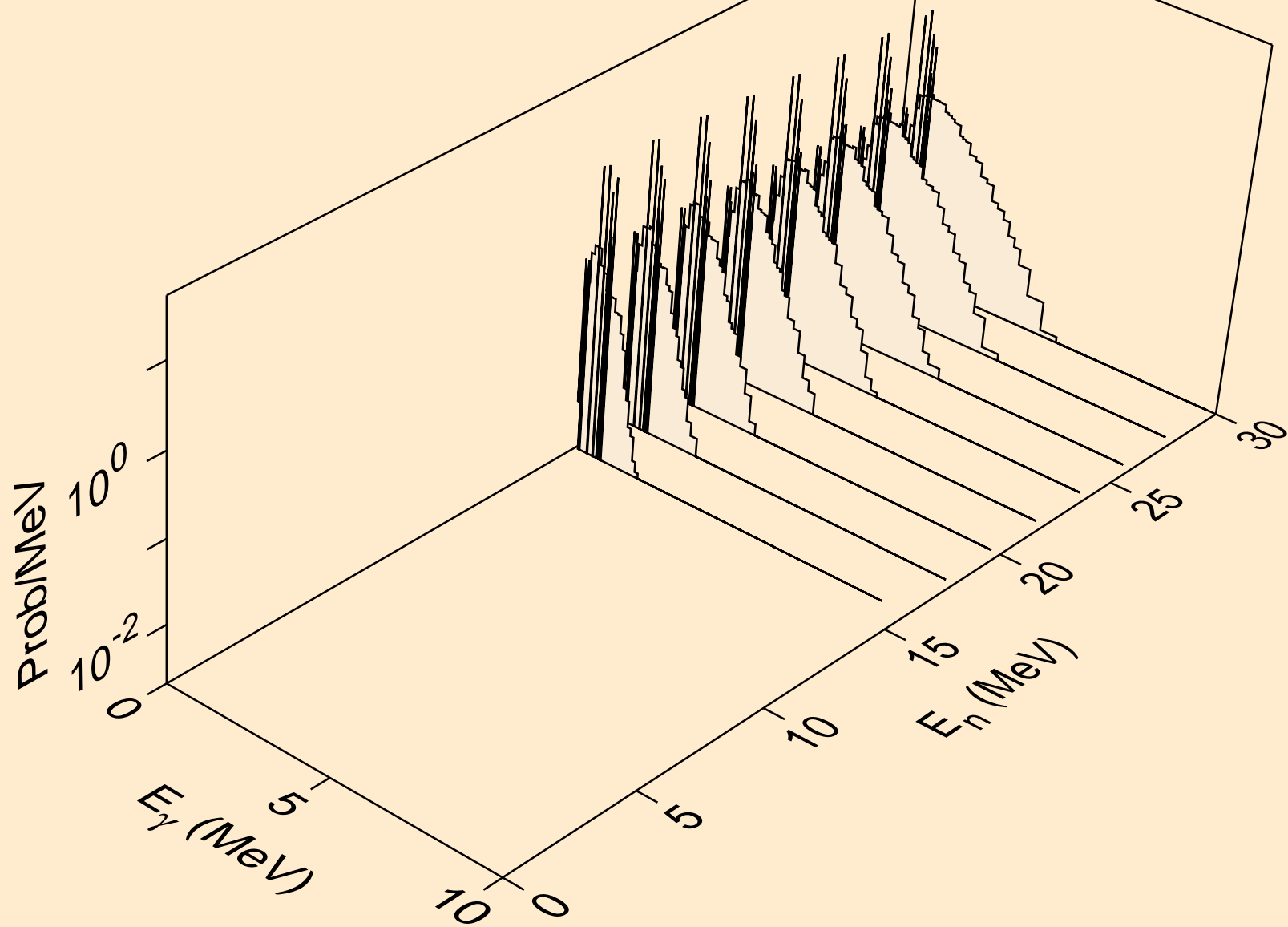
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



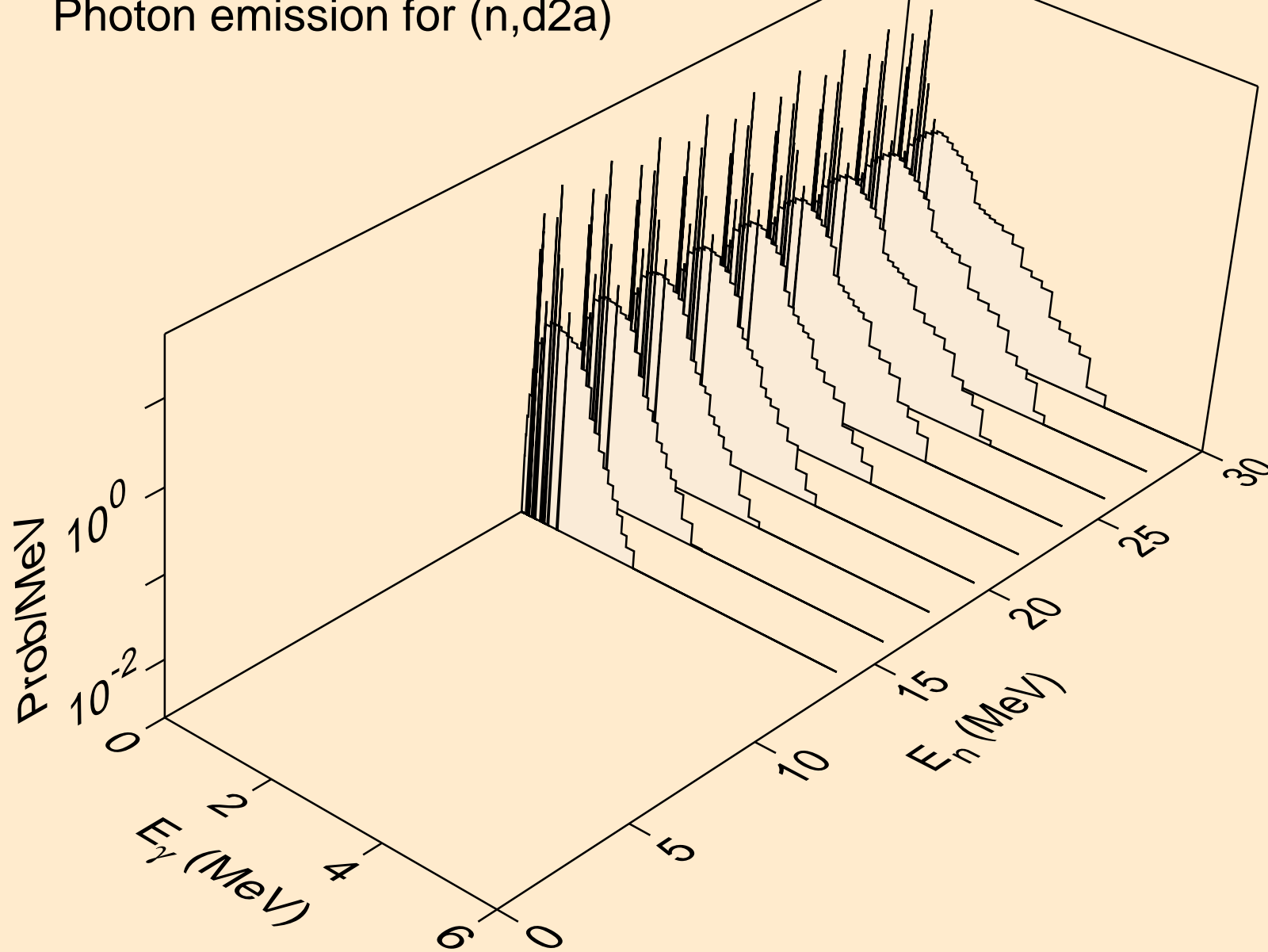
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p α)



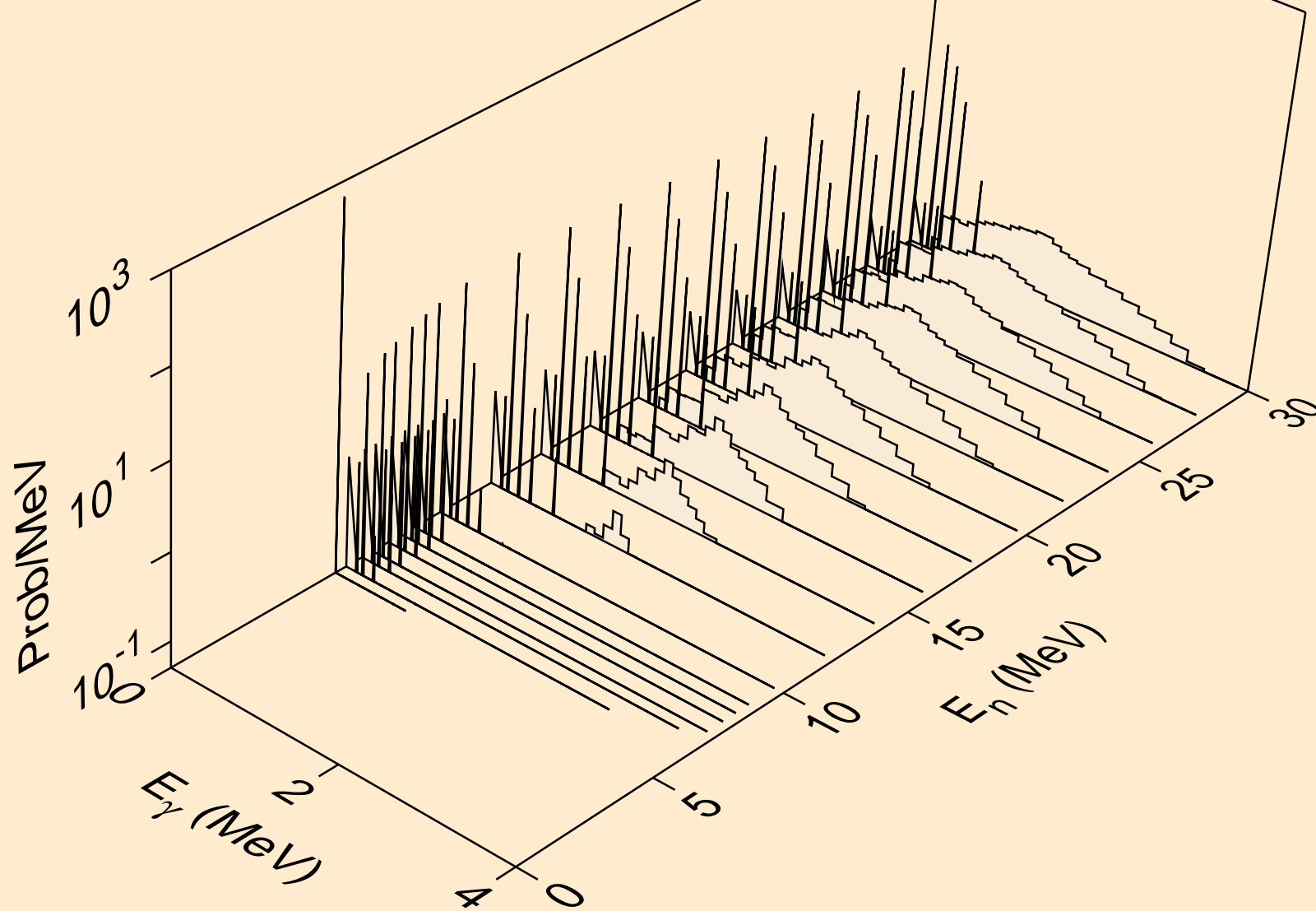
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t2a)



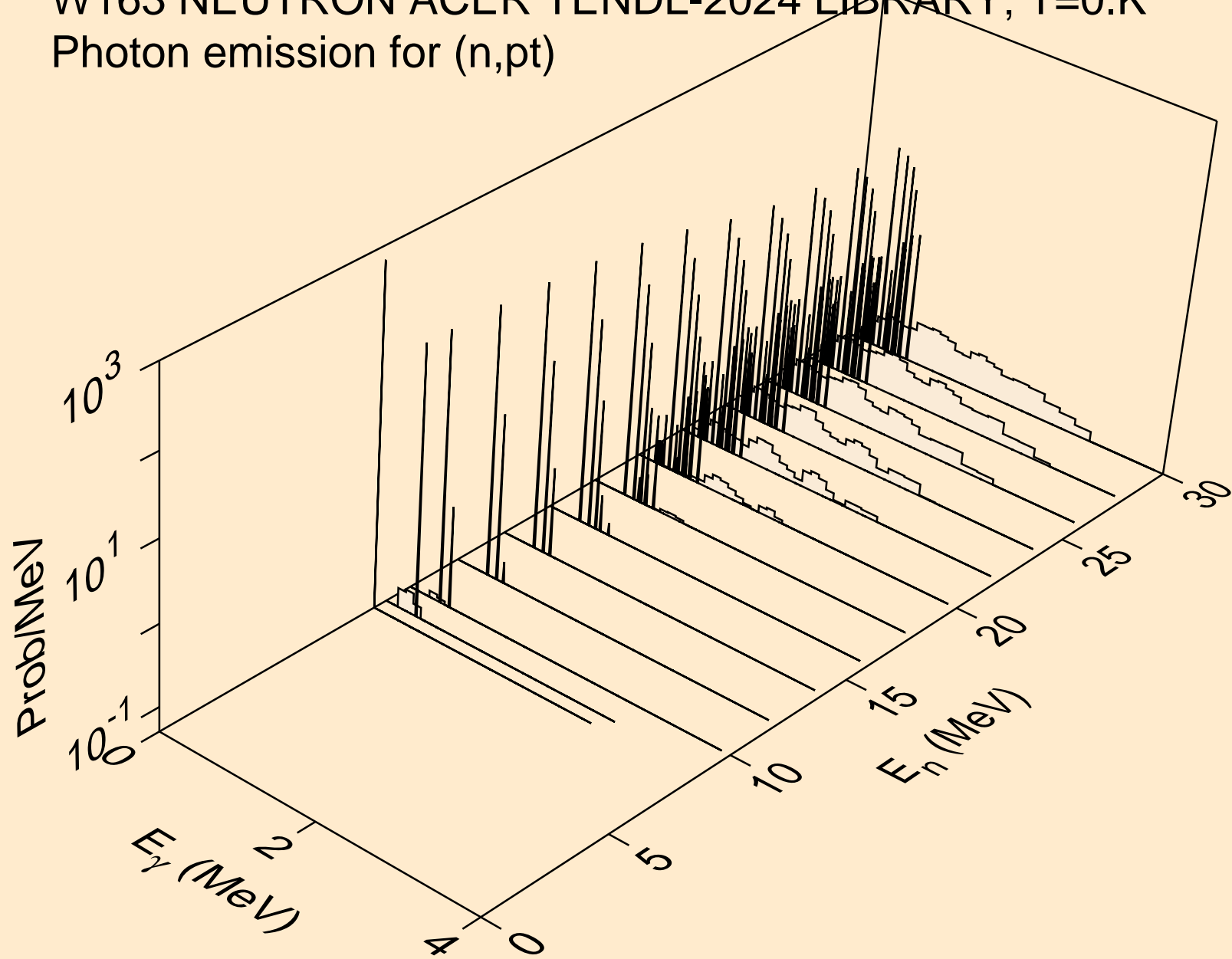
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d2a)



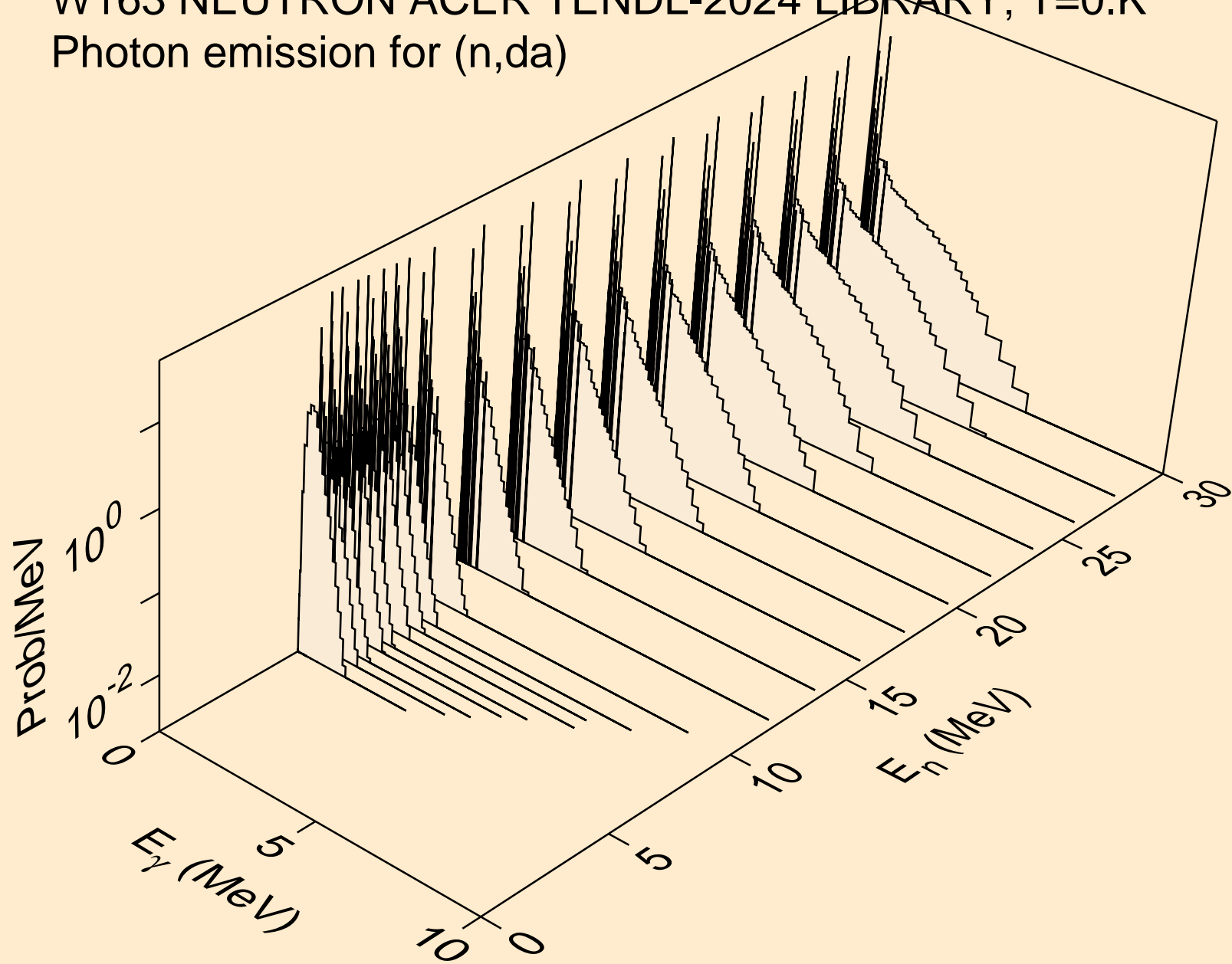
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



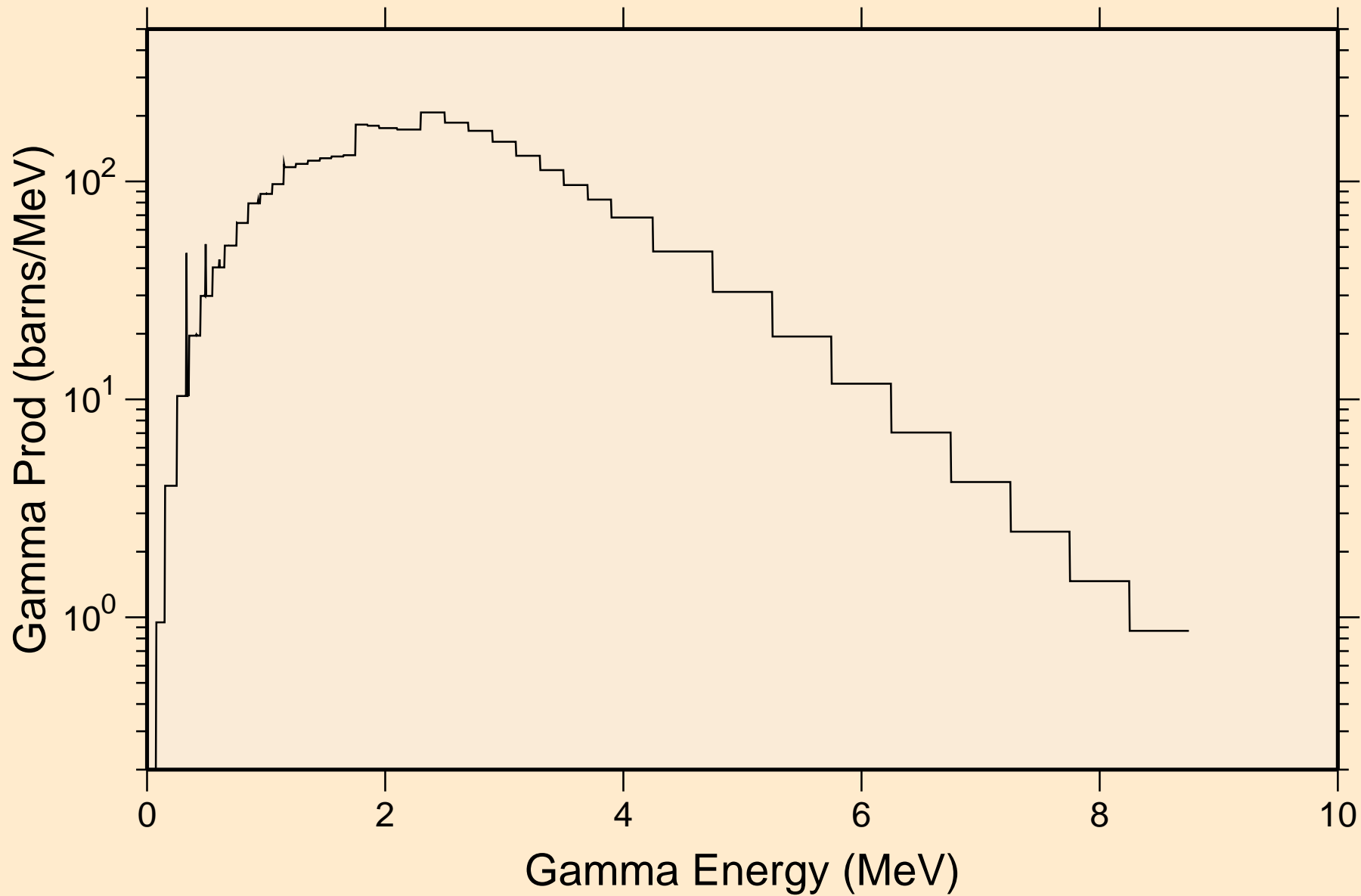
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



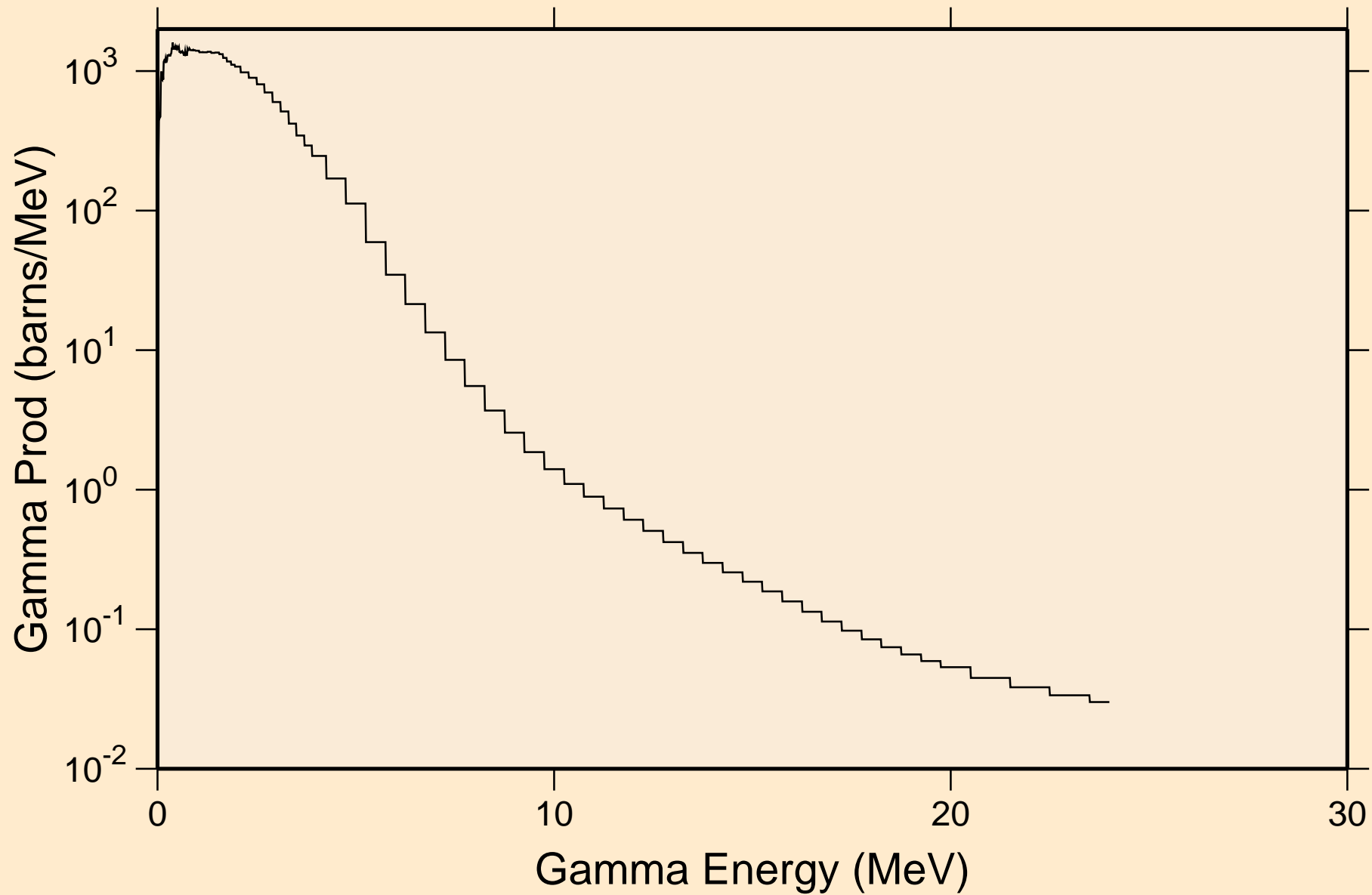
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

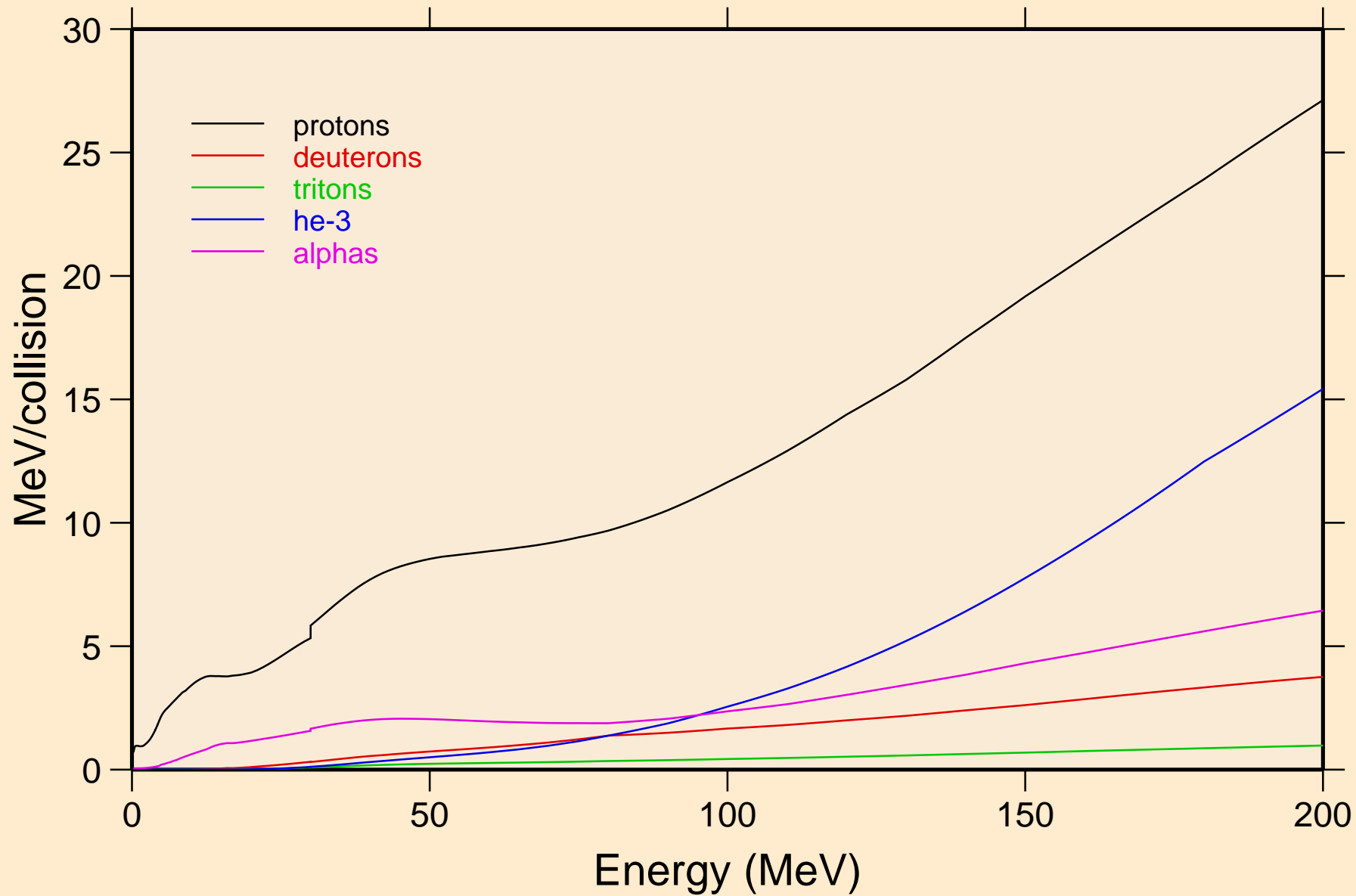


W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum

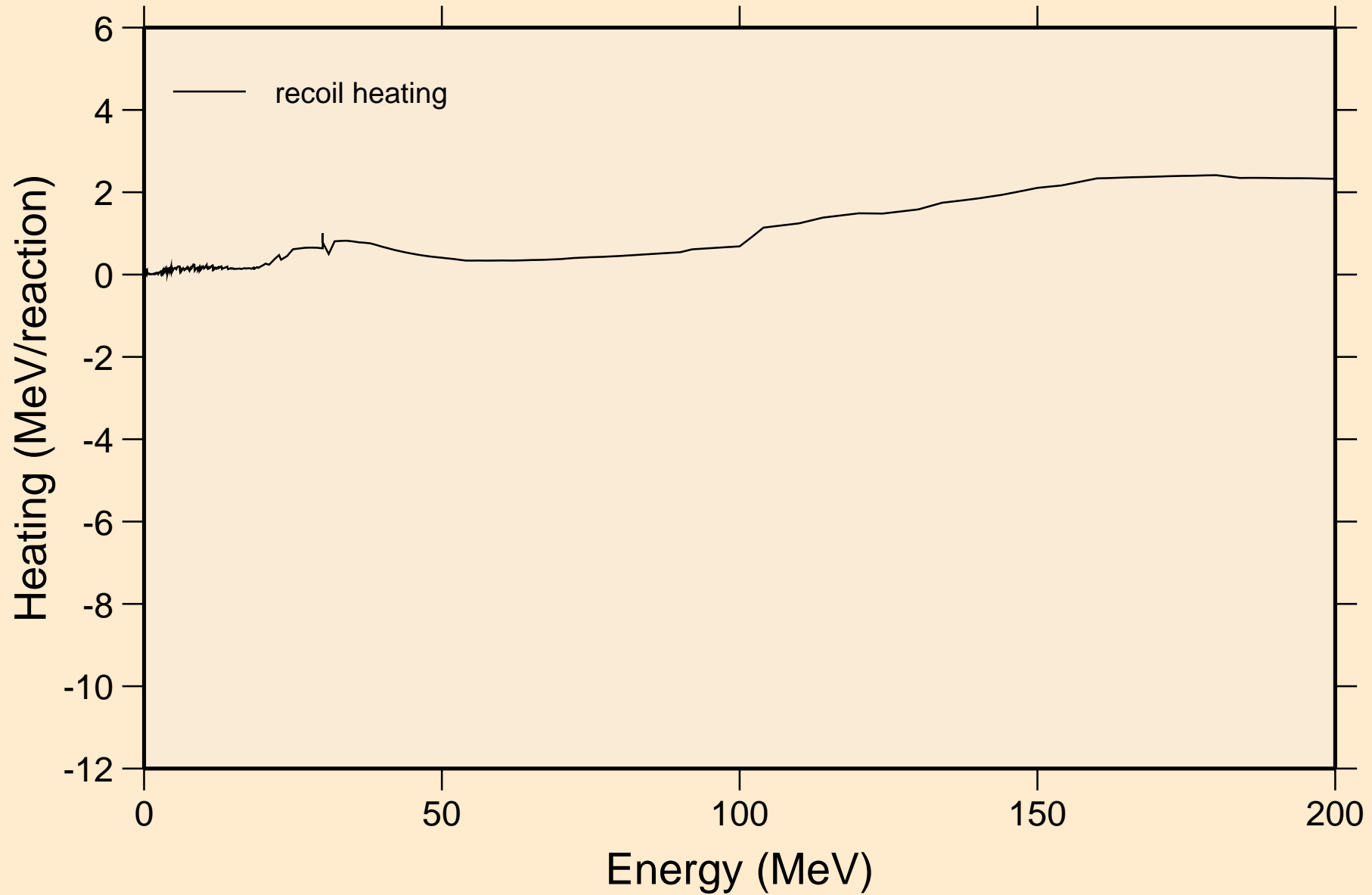


W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

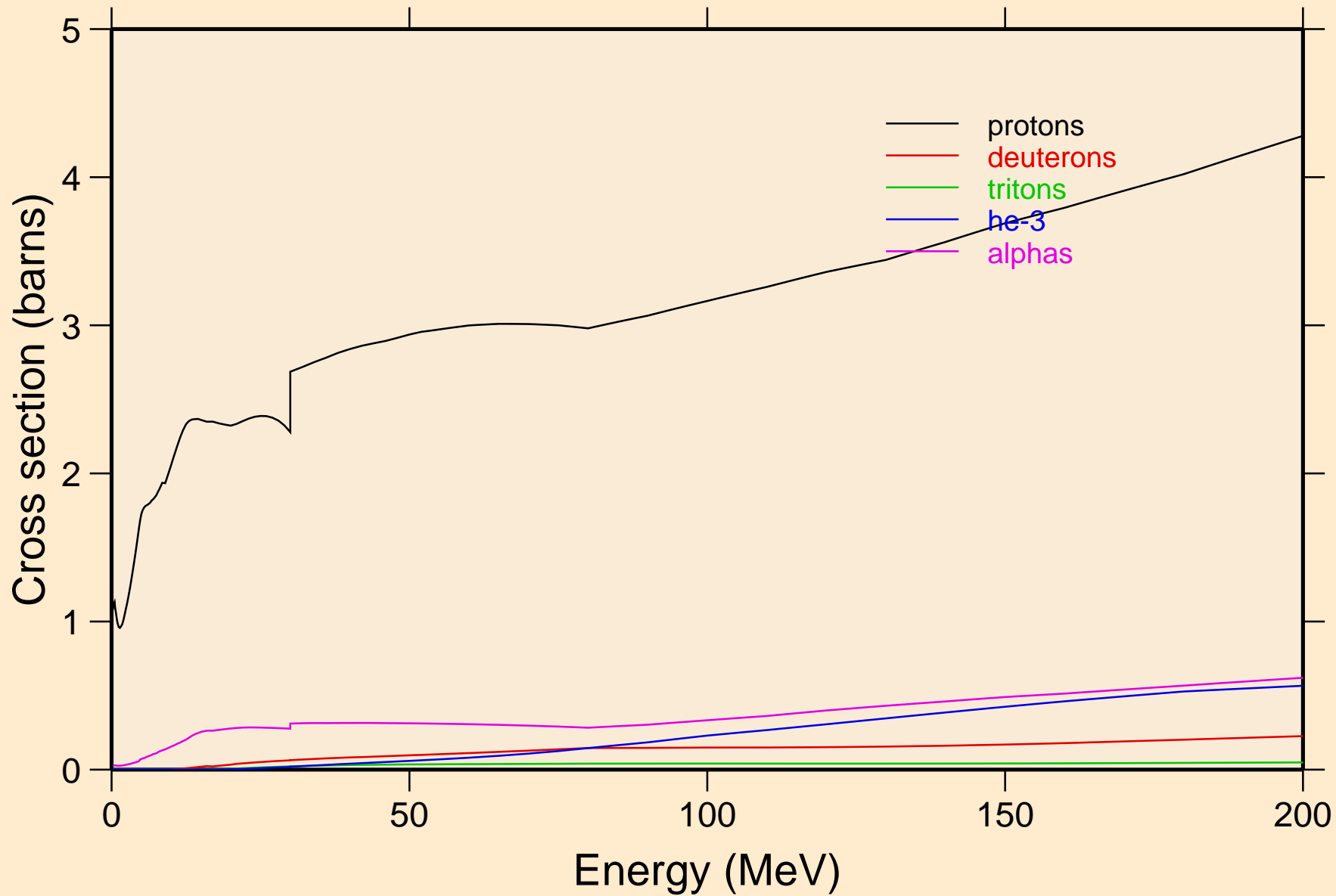
Particle heating contributions



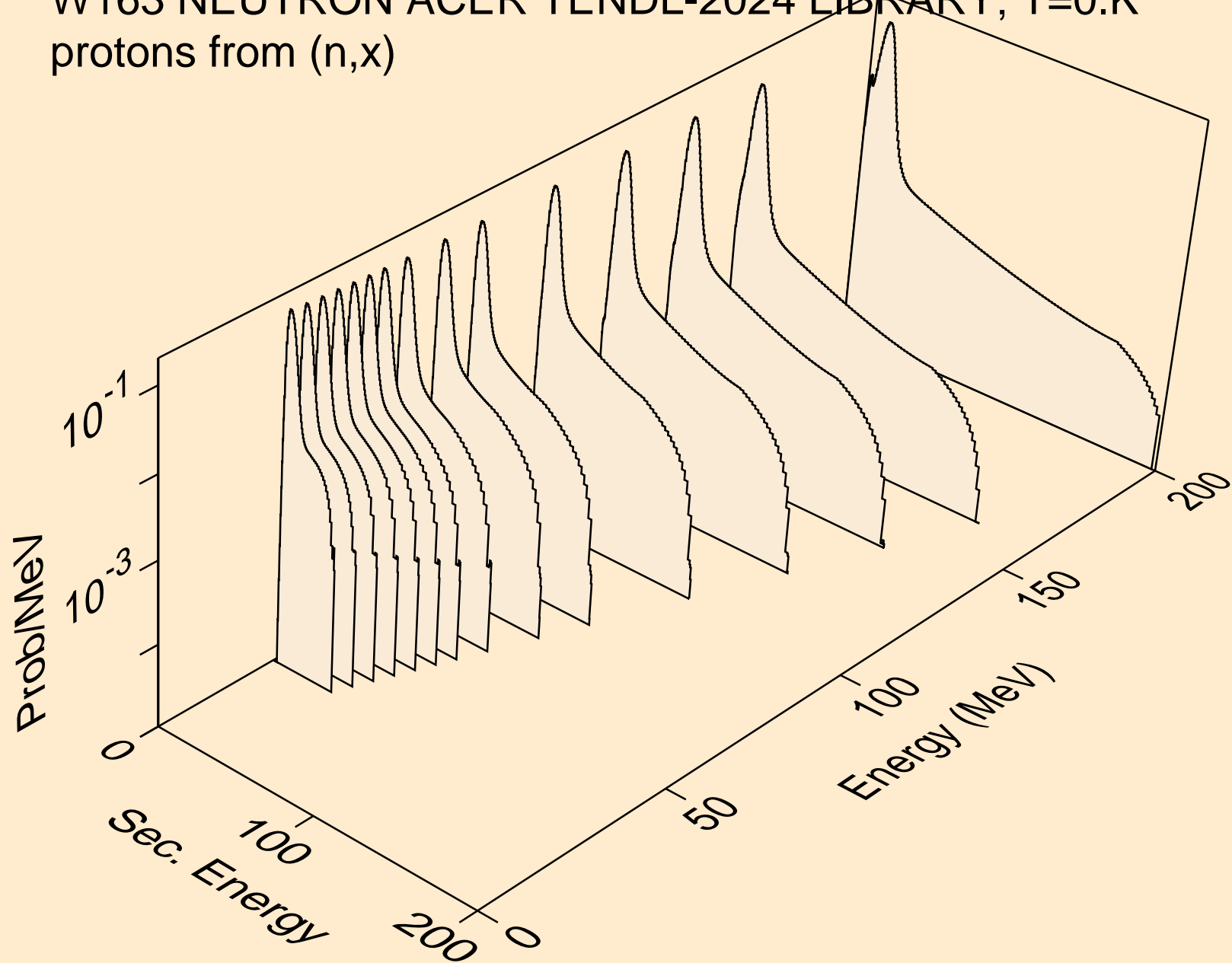
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating



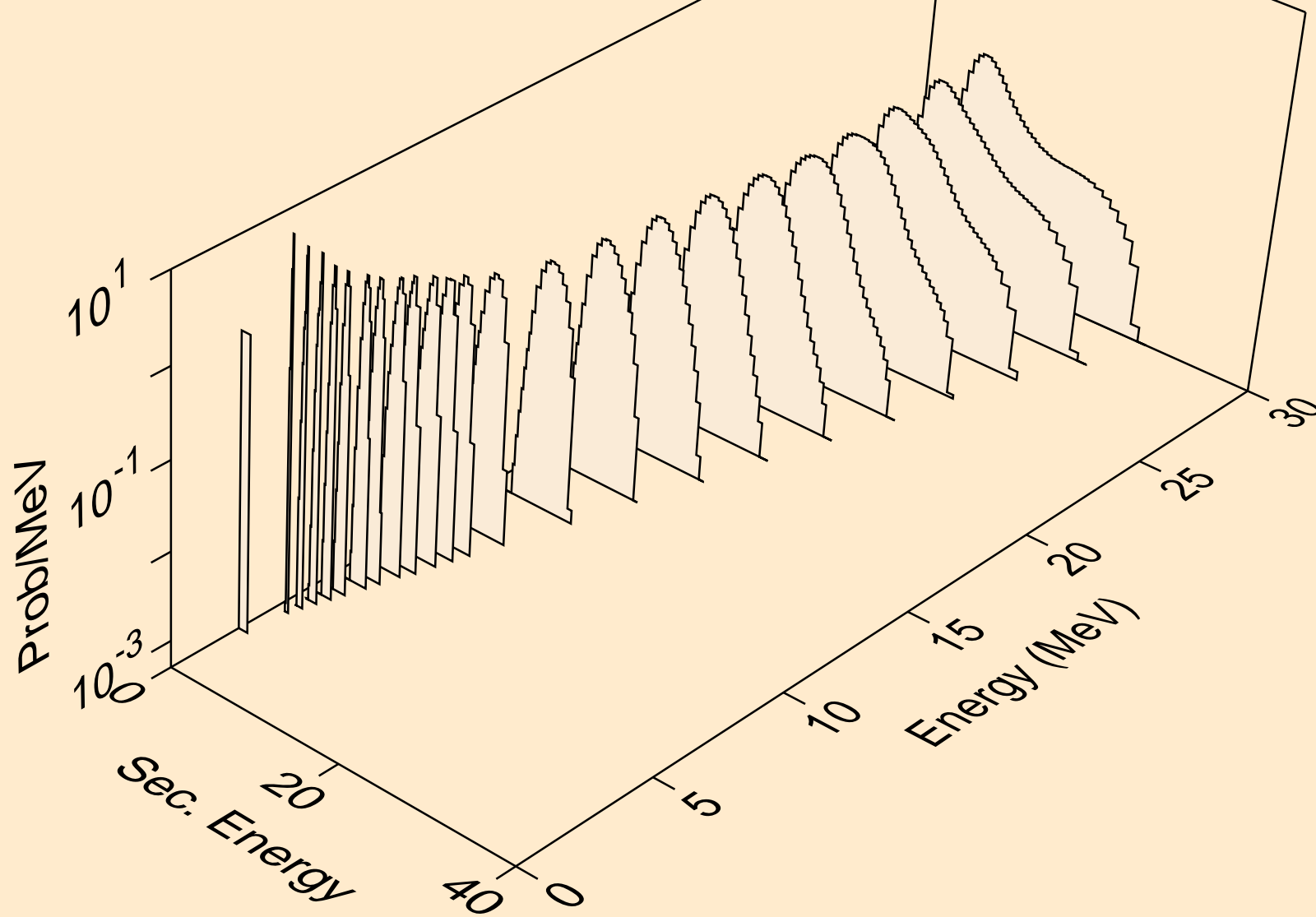
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Particle production cross sections



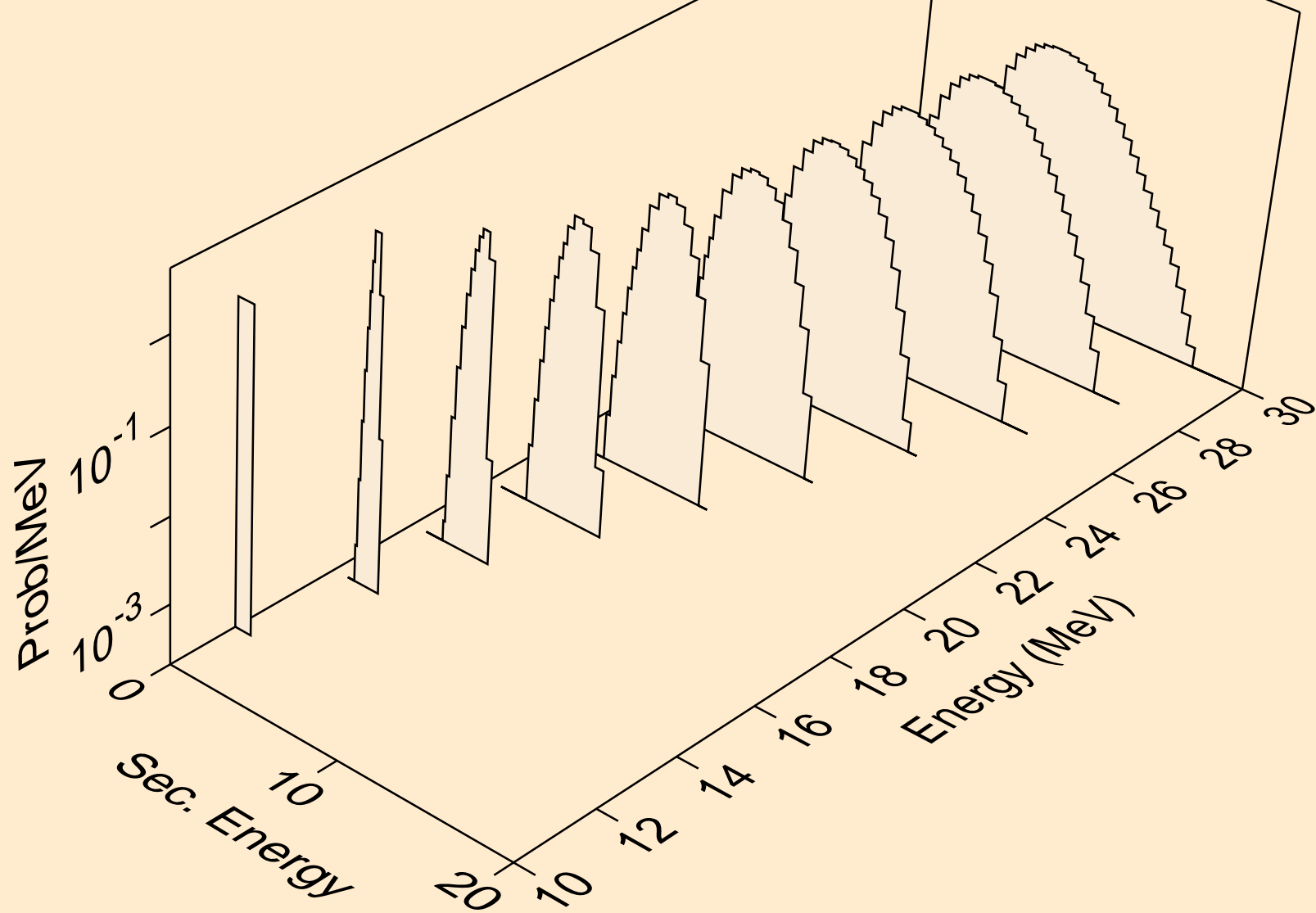
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



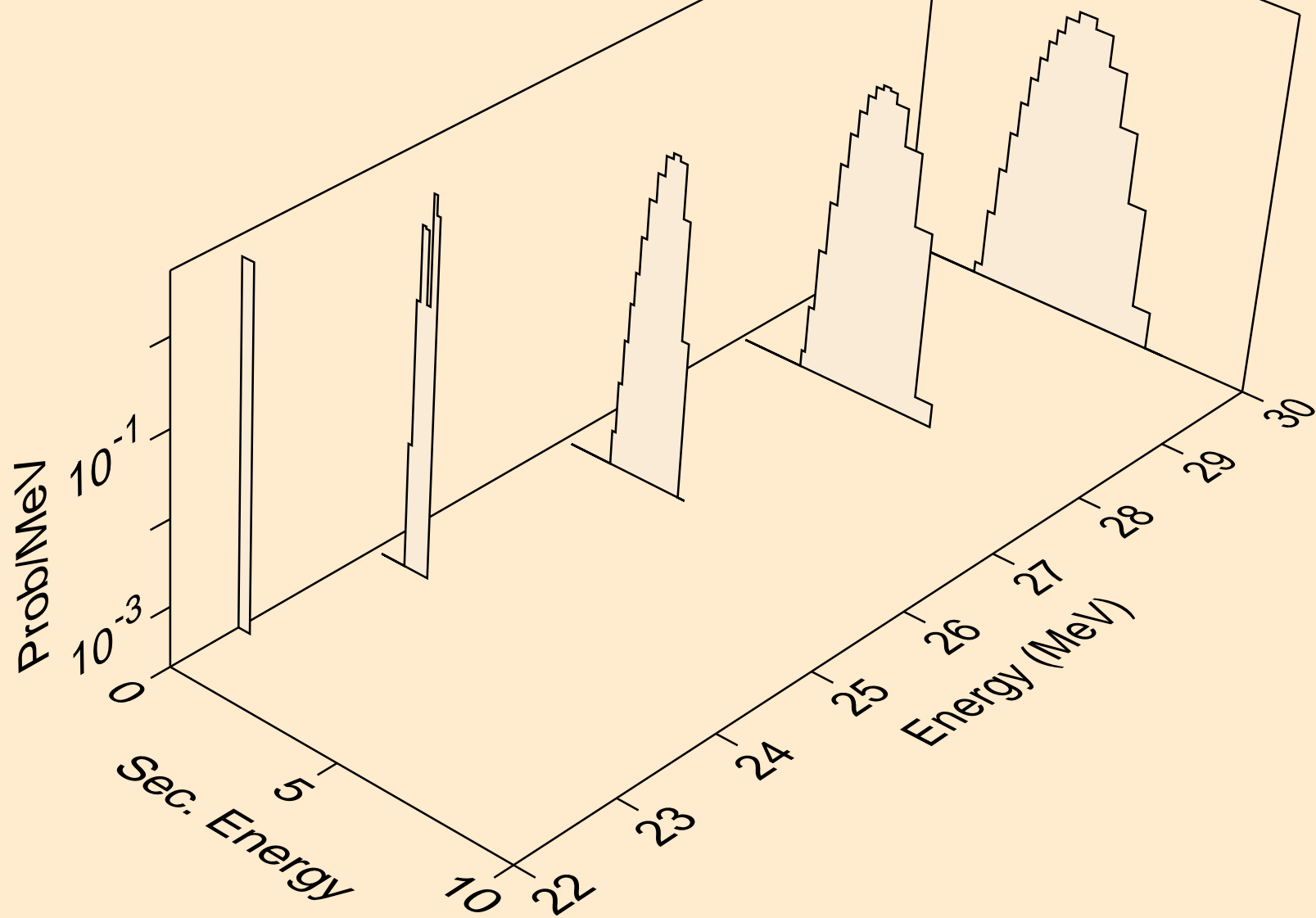
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



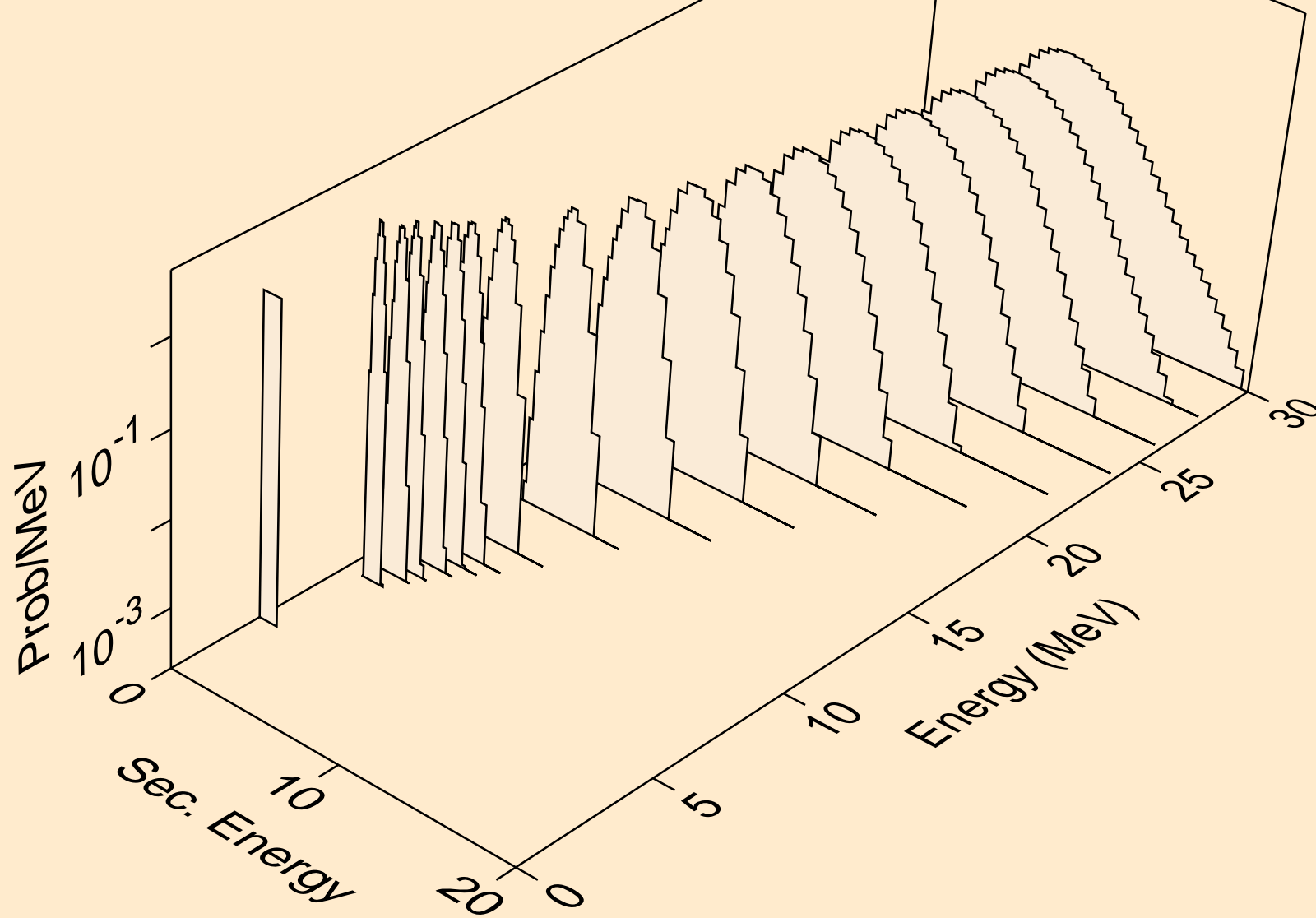
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



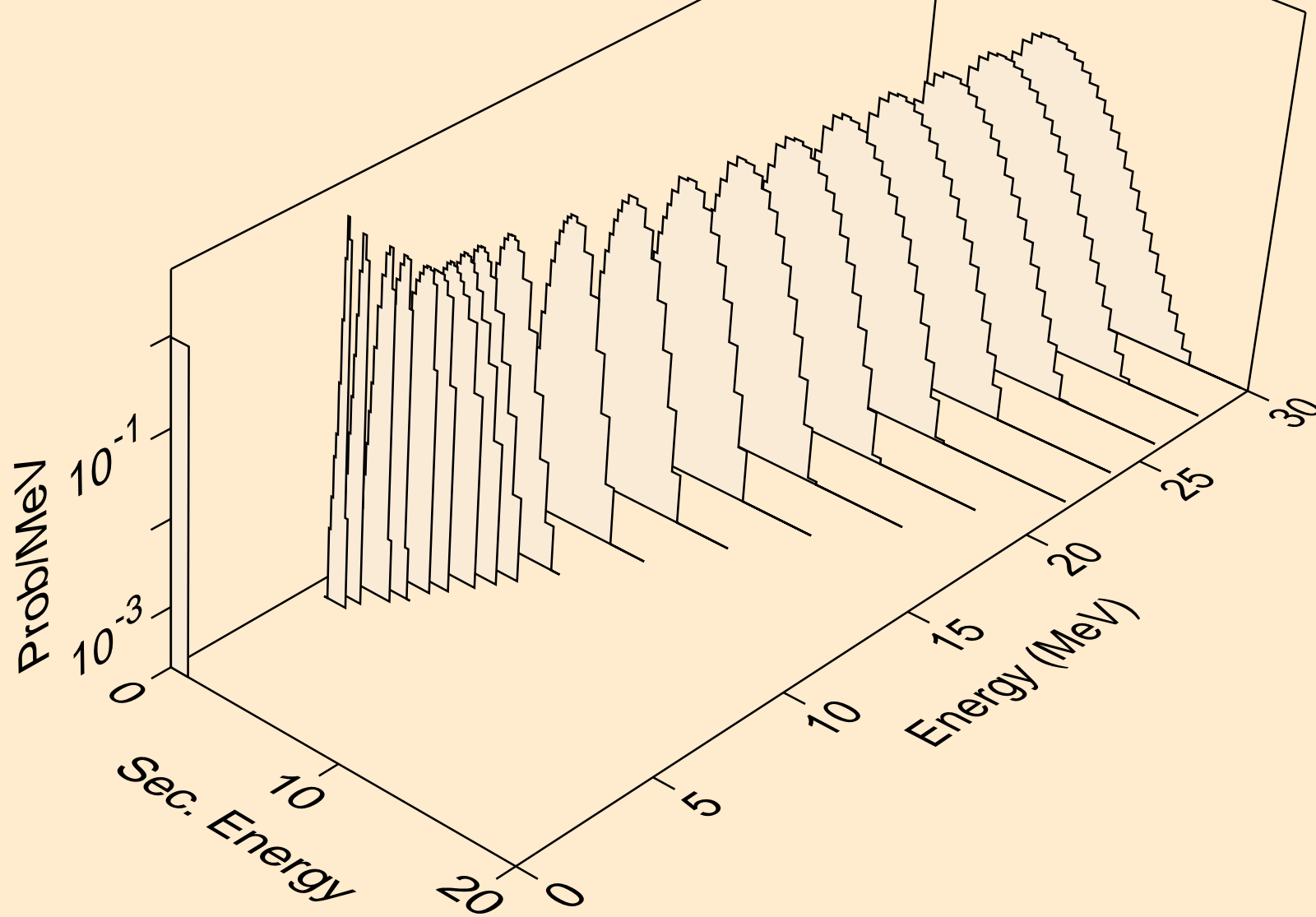
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,3np)



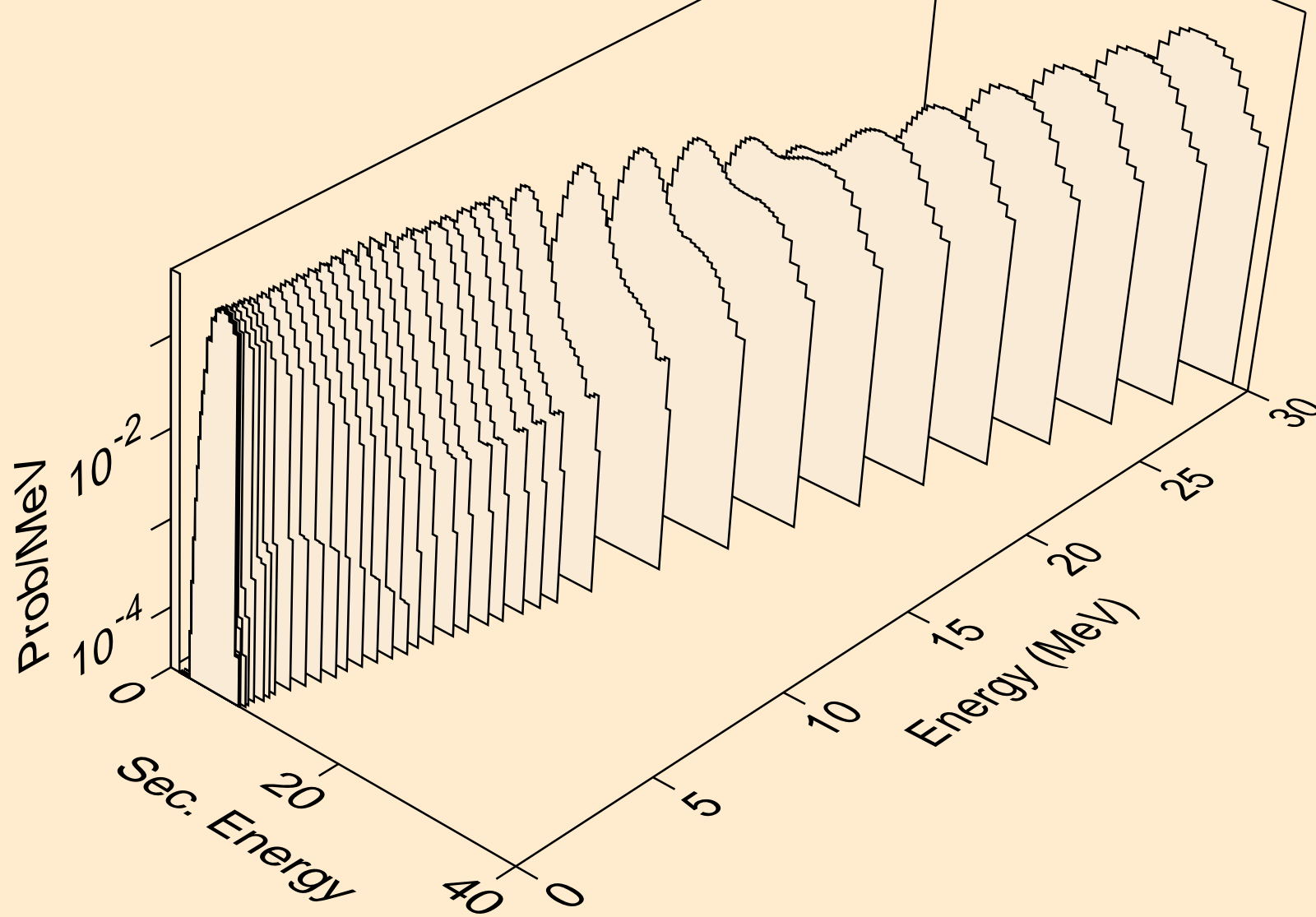
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n2p)



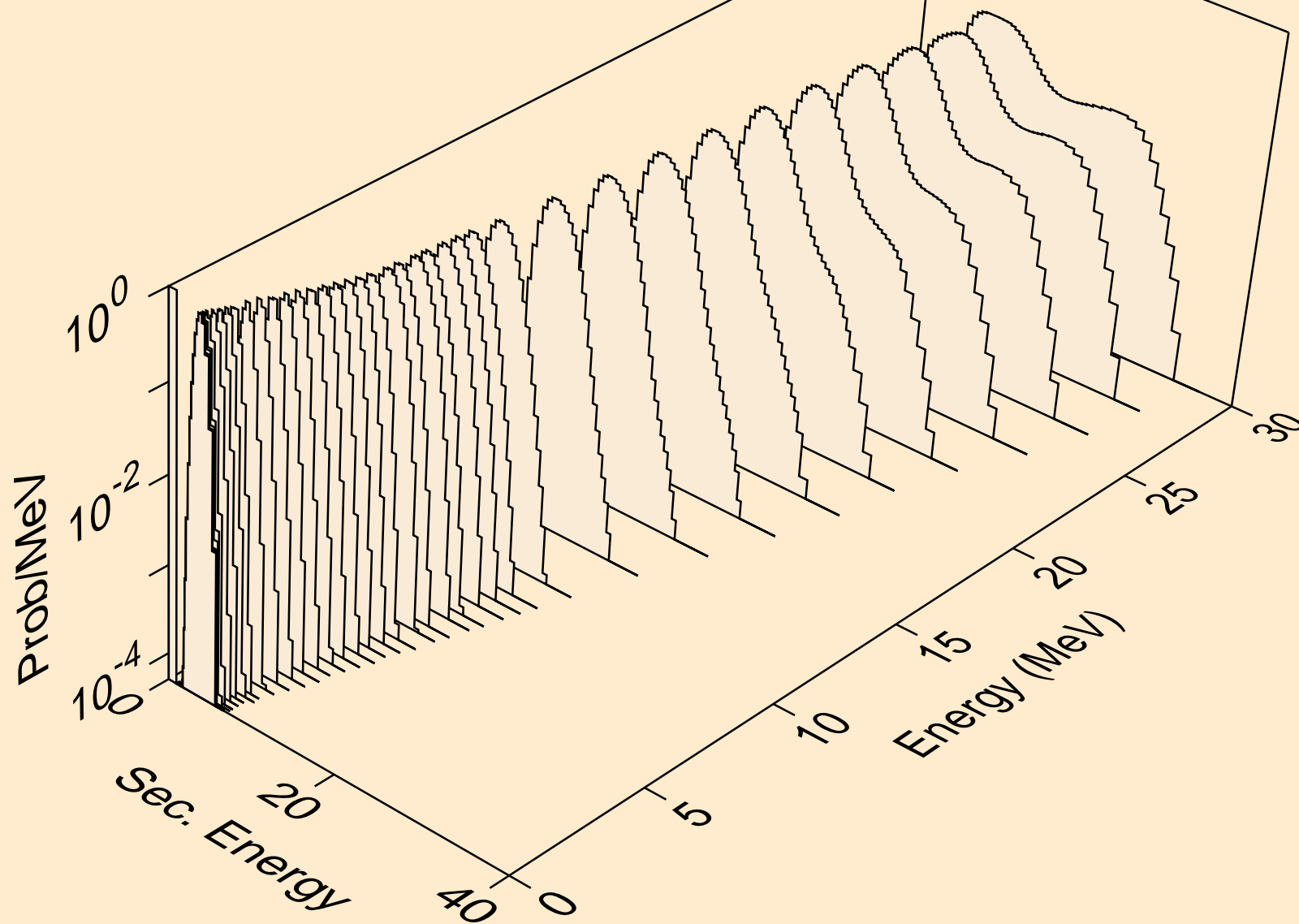
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,npa)



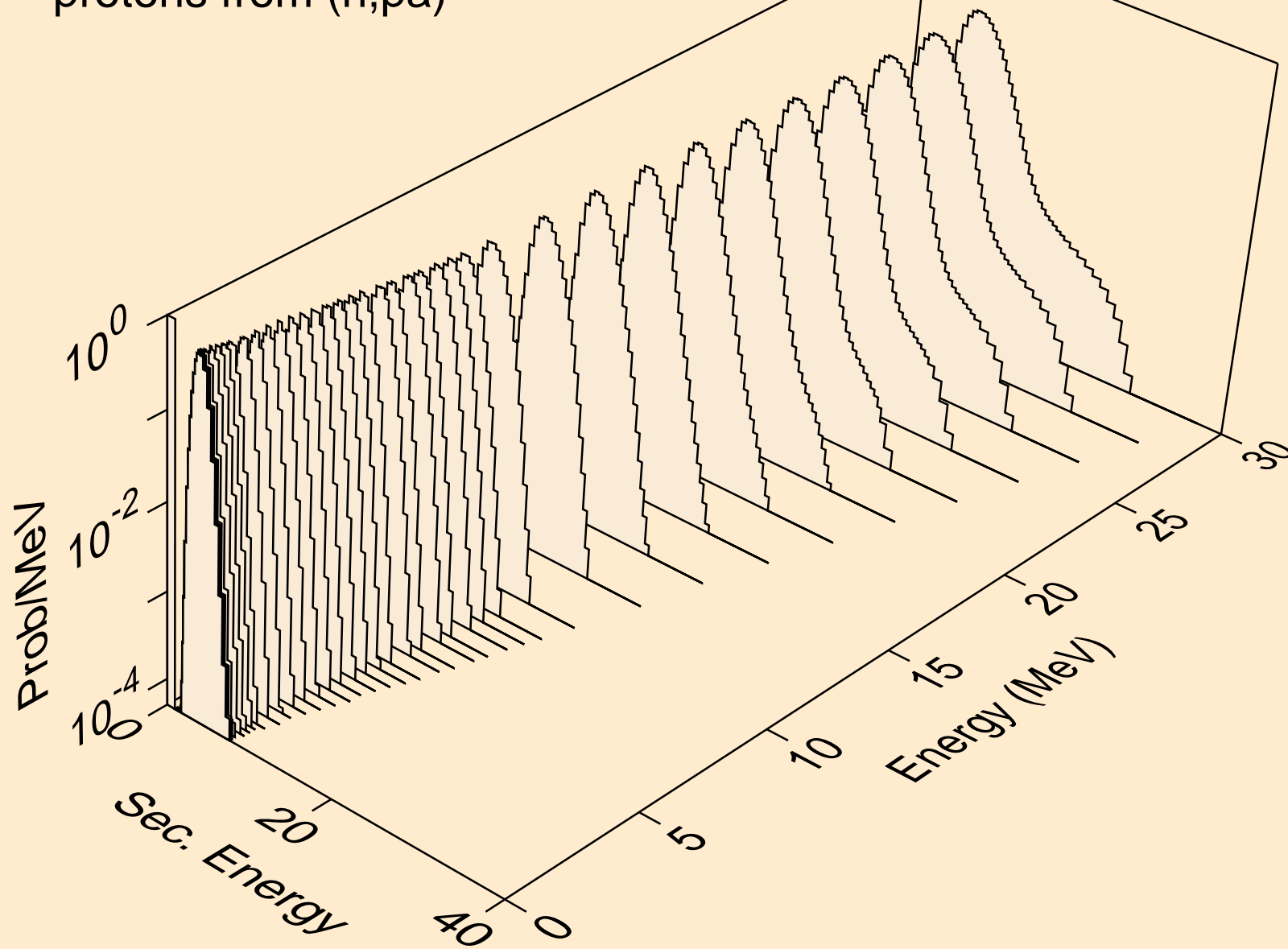
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



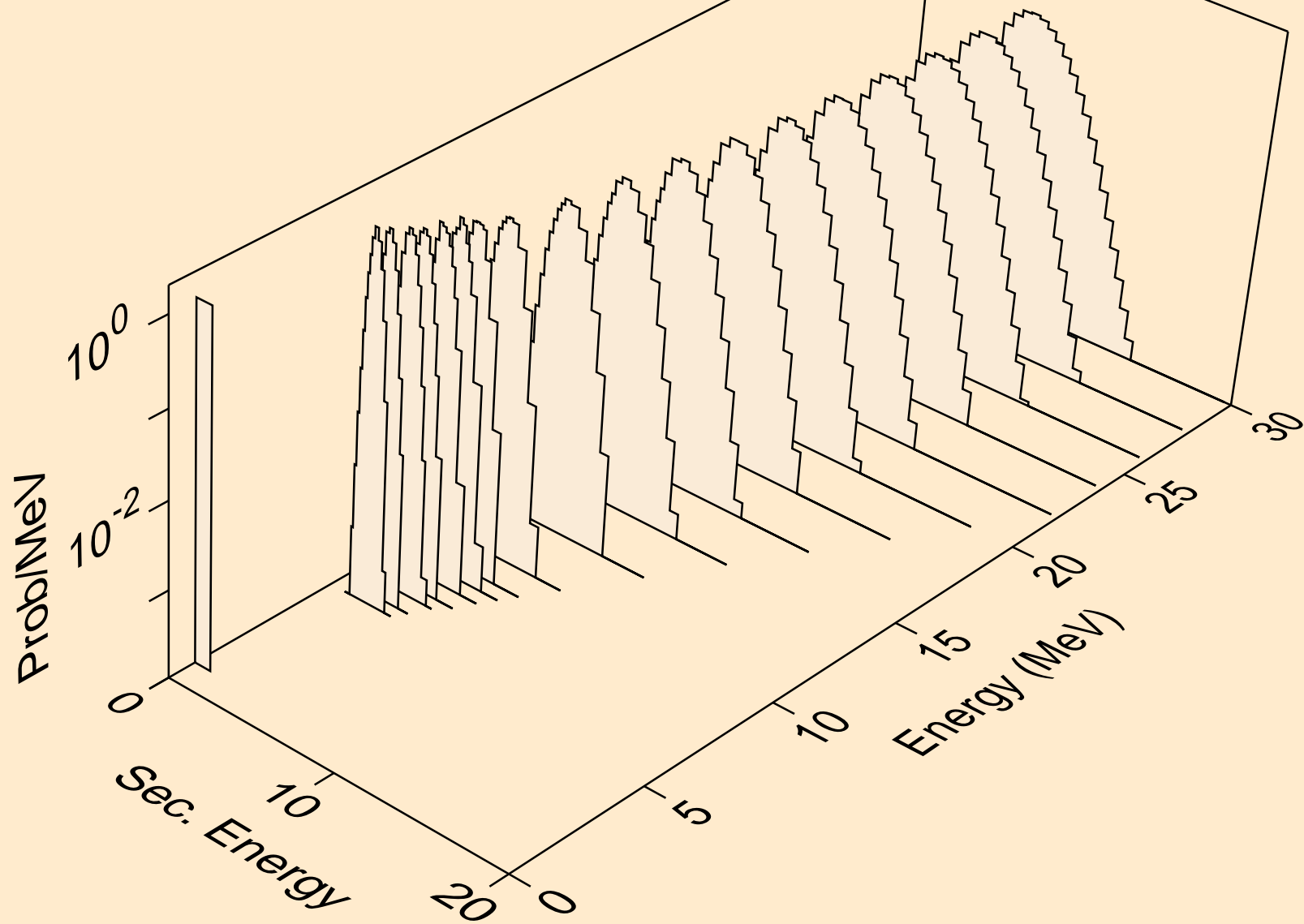
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2p)



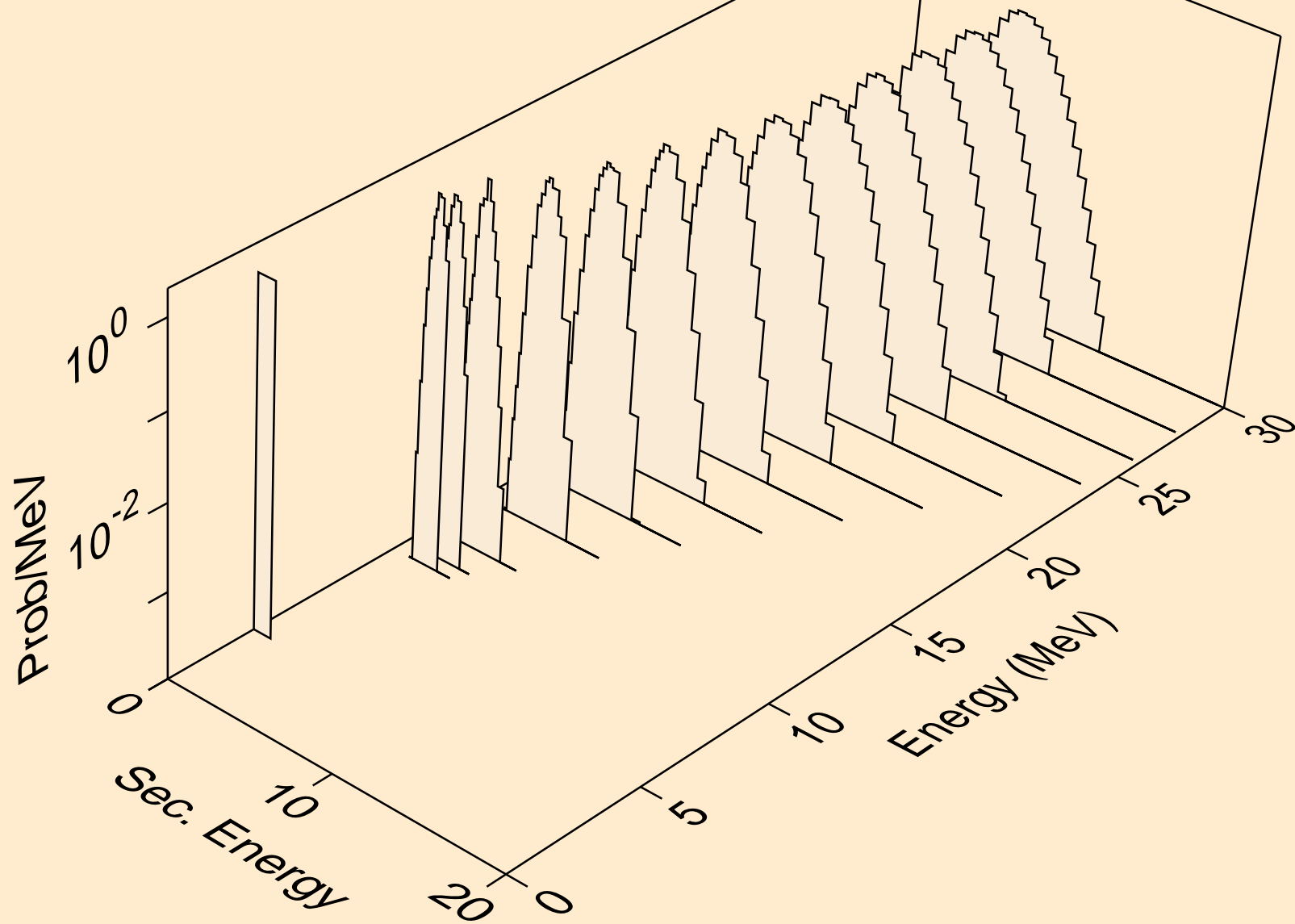
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



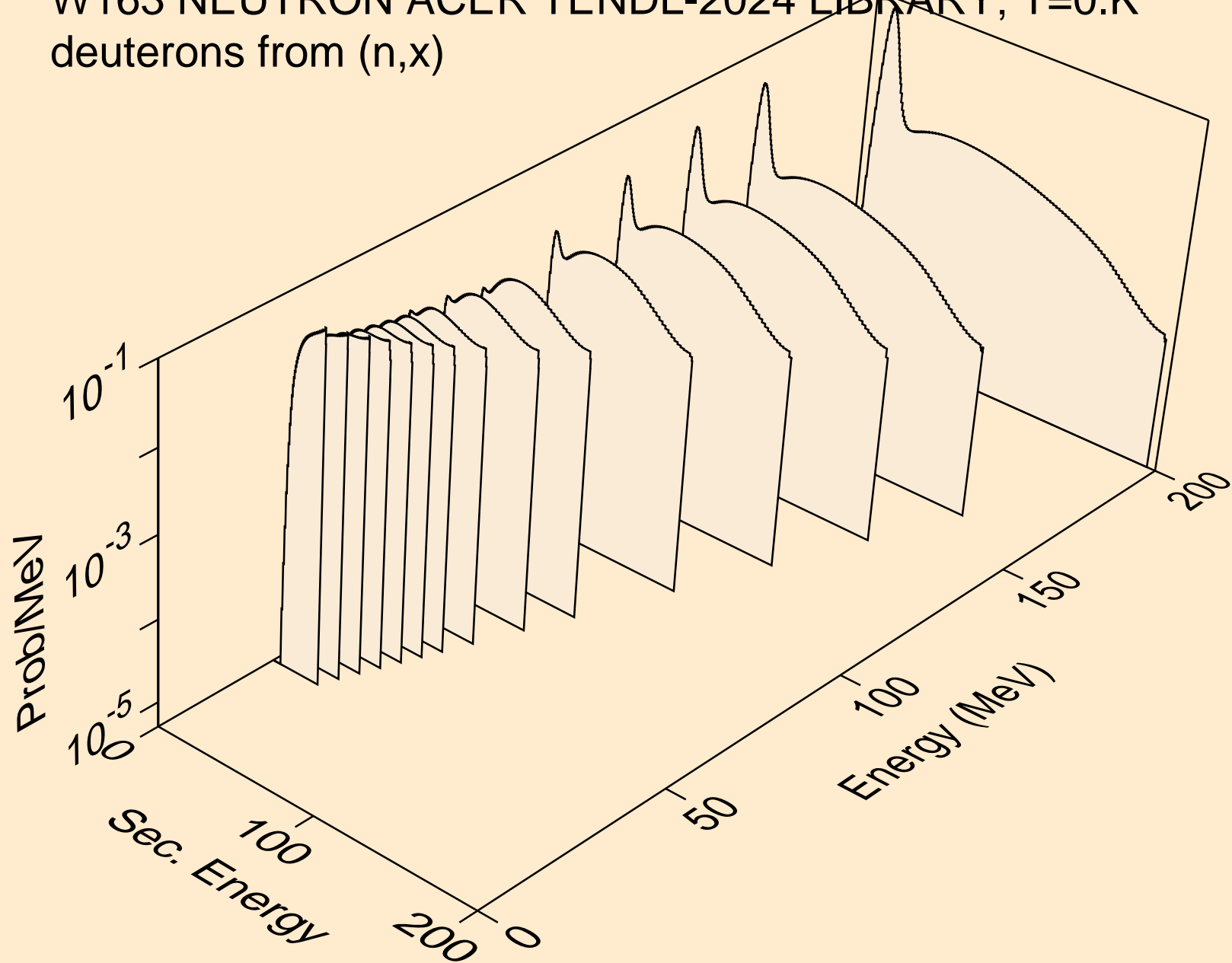
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pd)



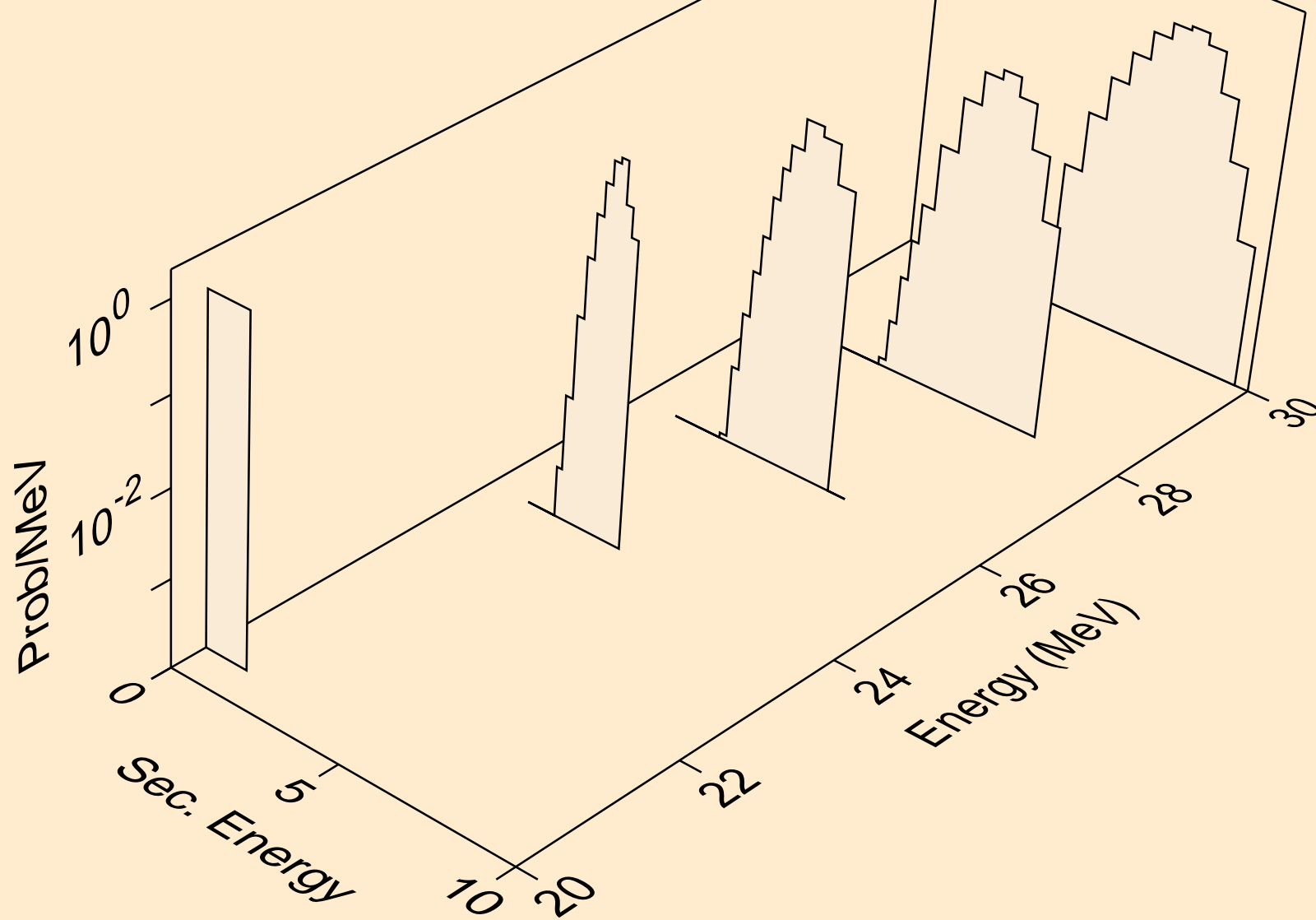
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pt)



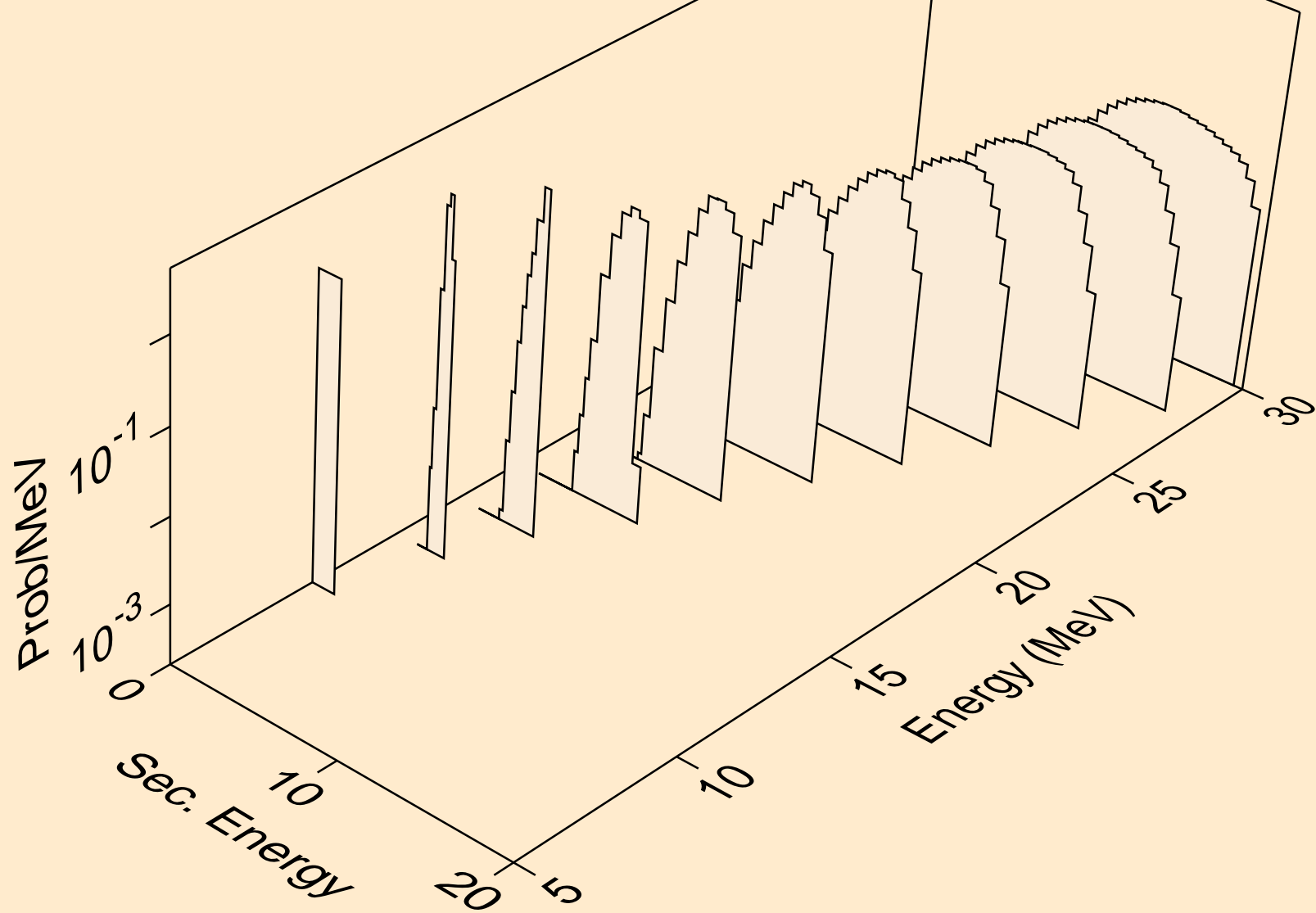
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



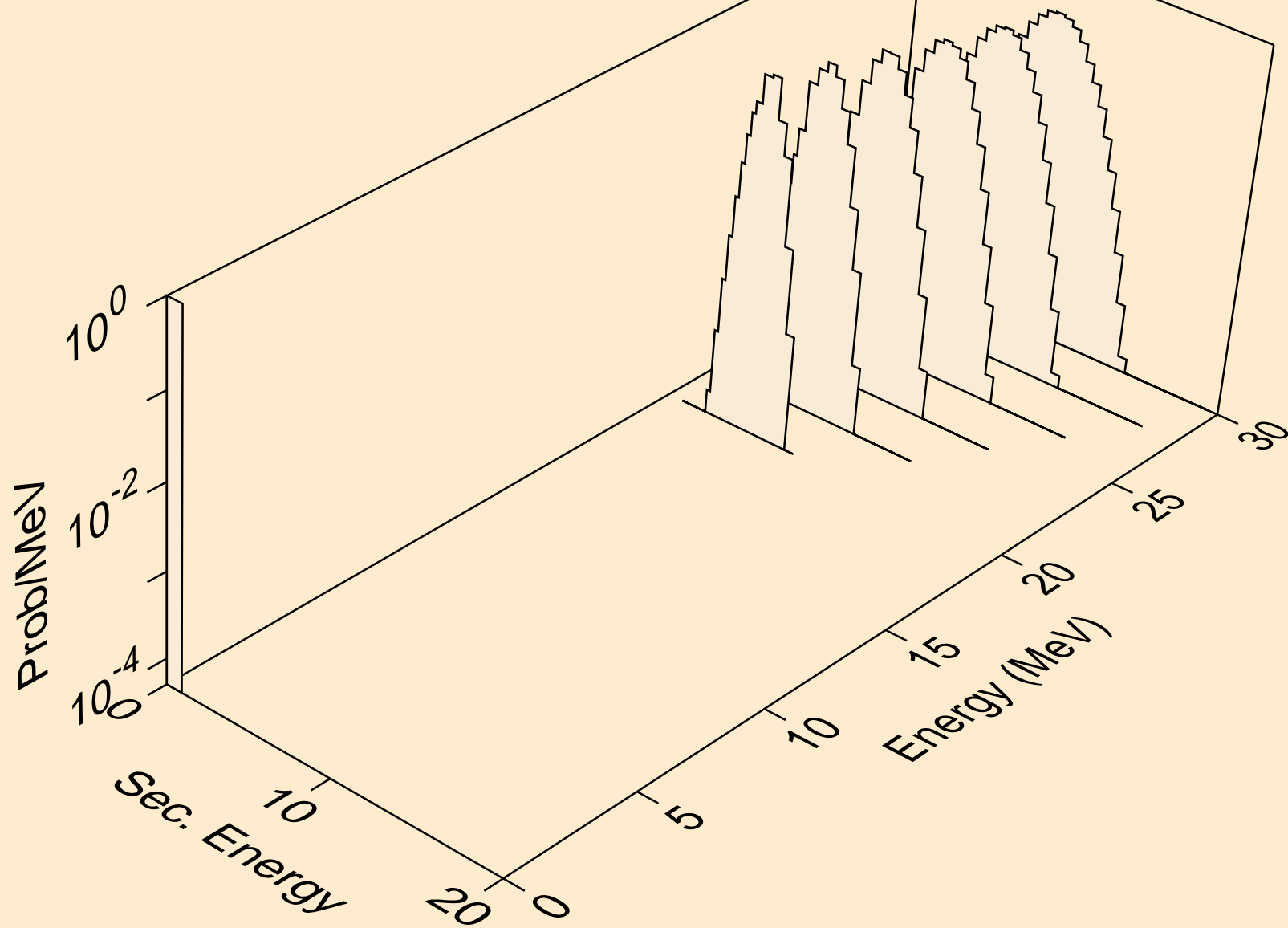
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,2nd)



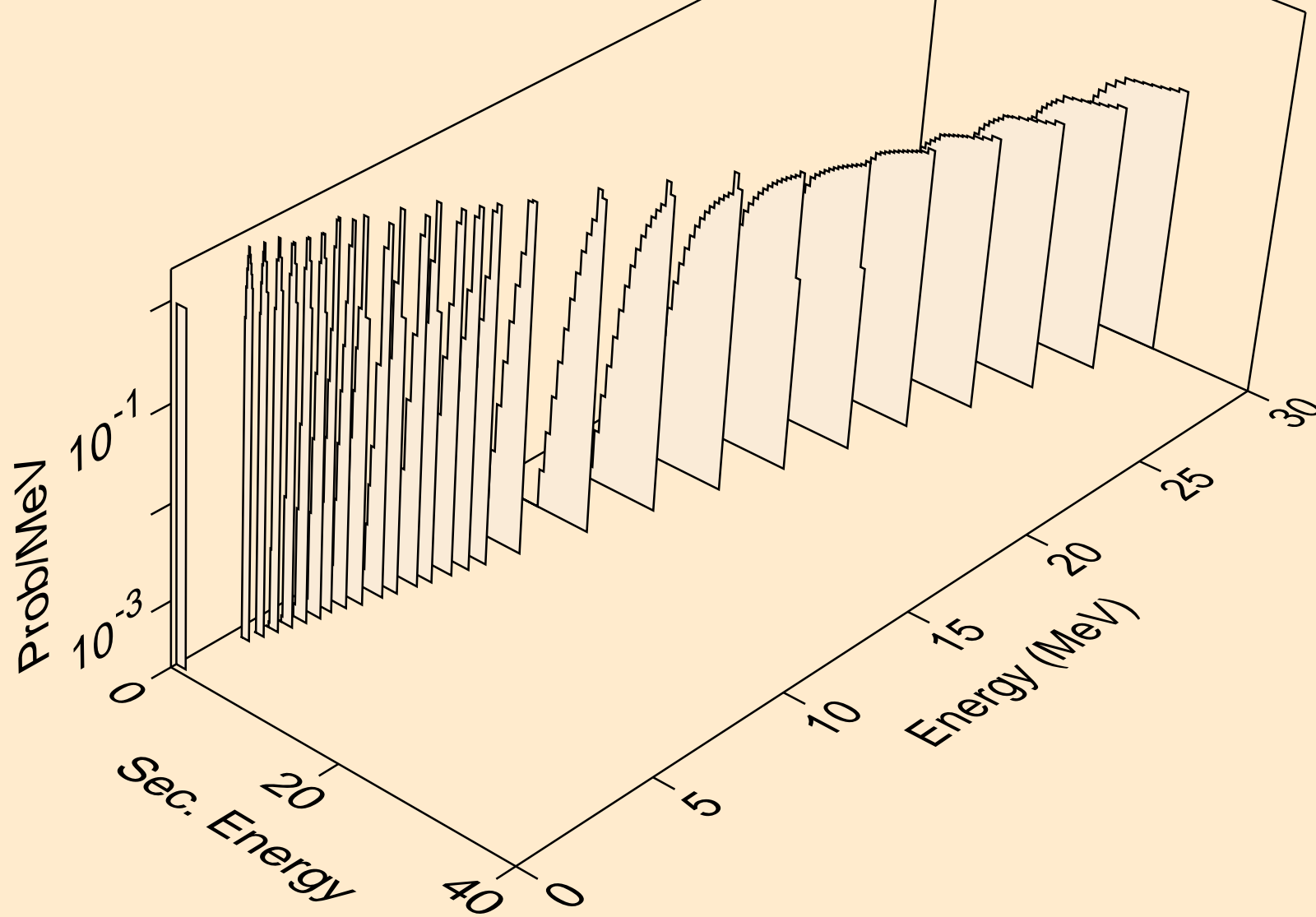
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



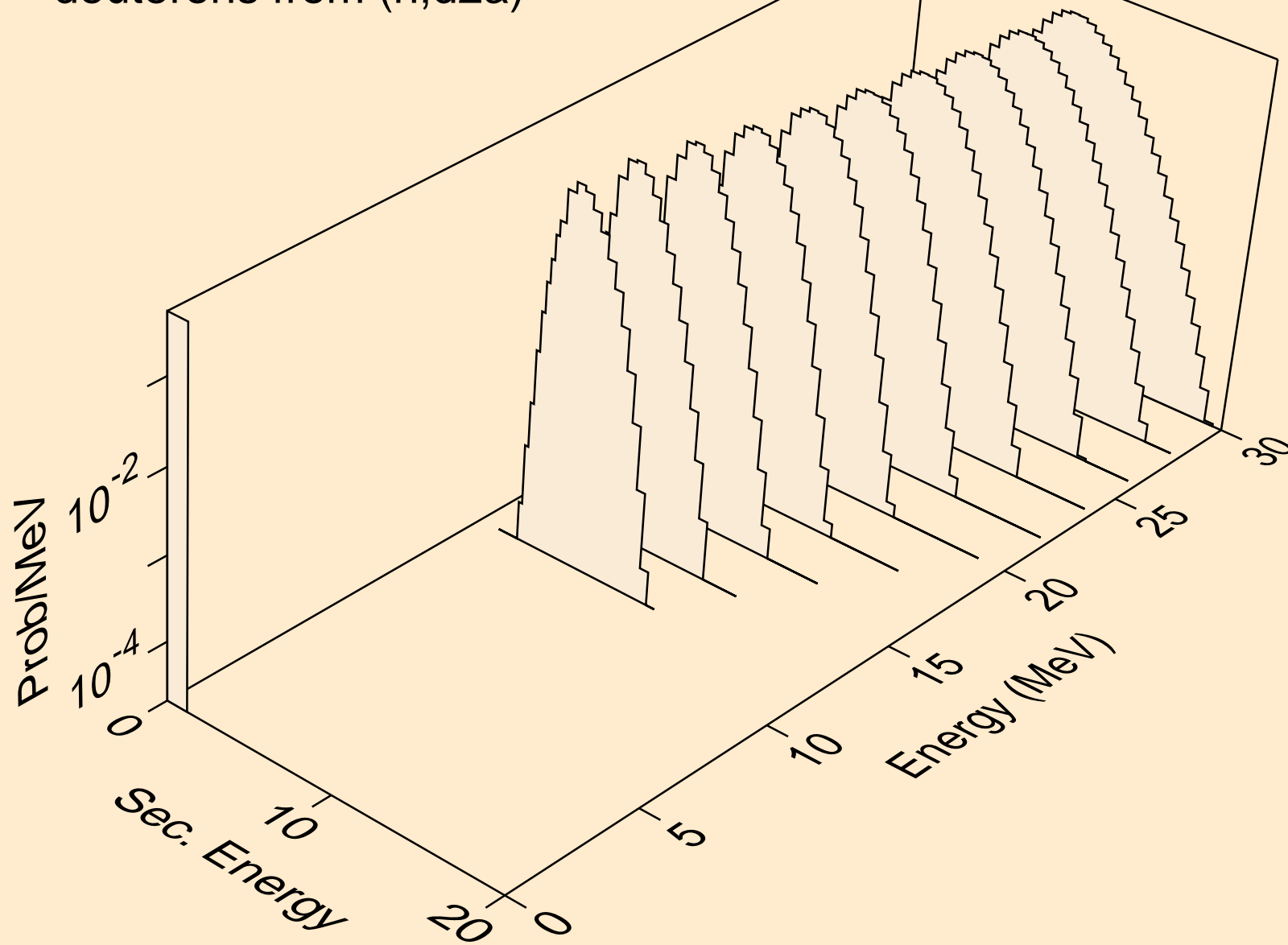
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d2a



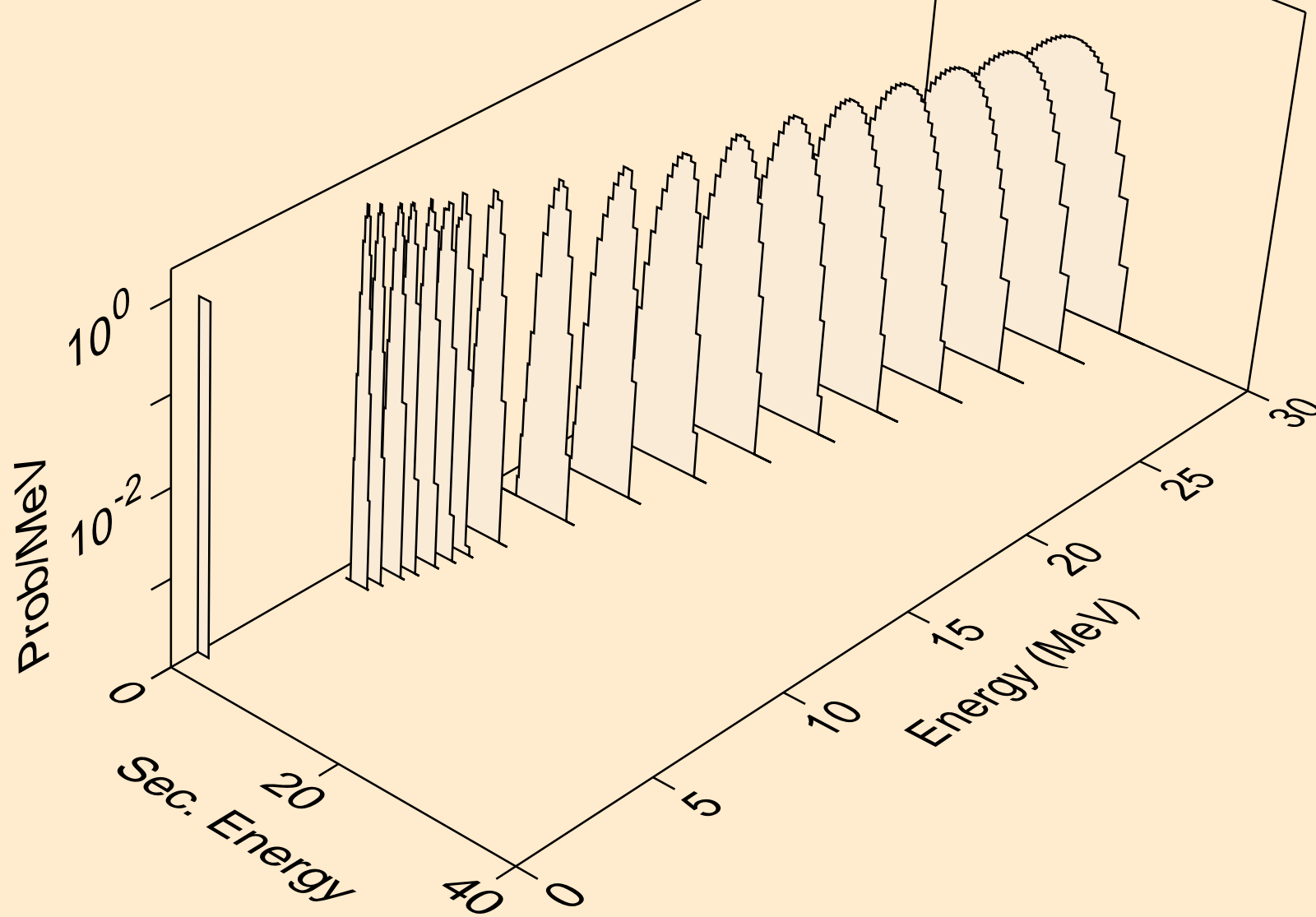
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,d)



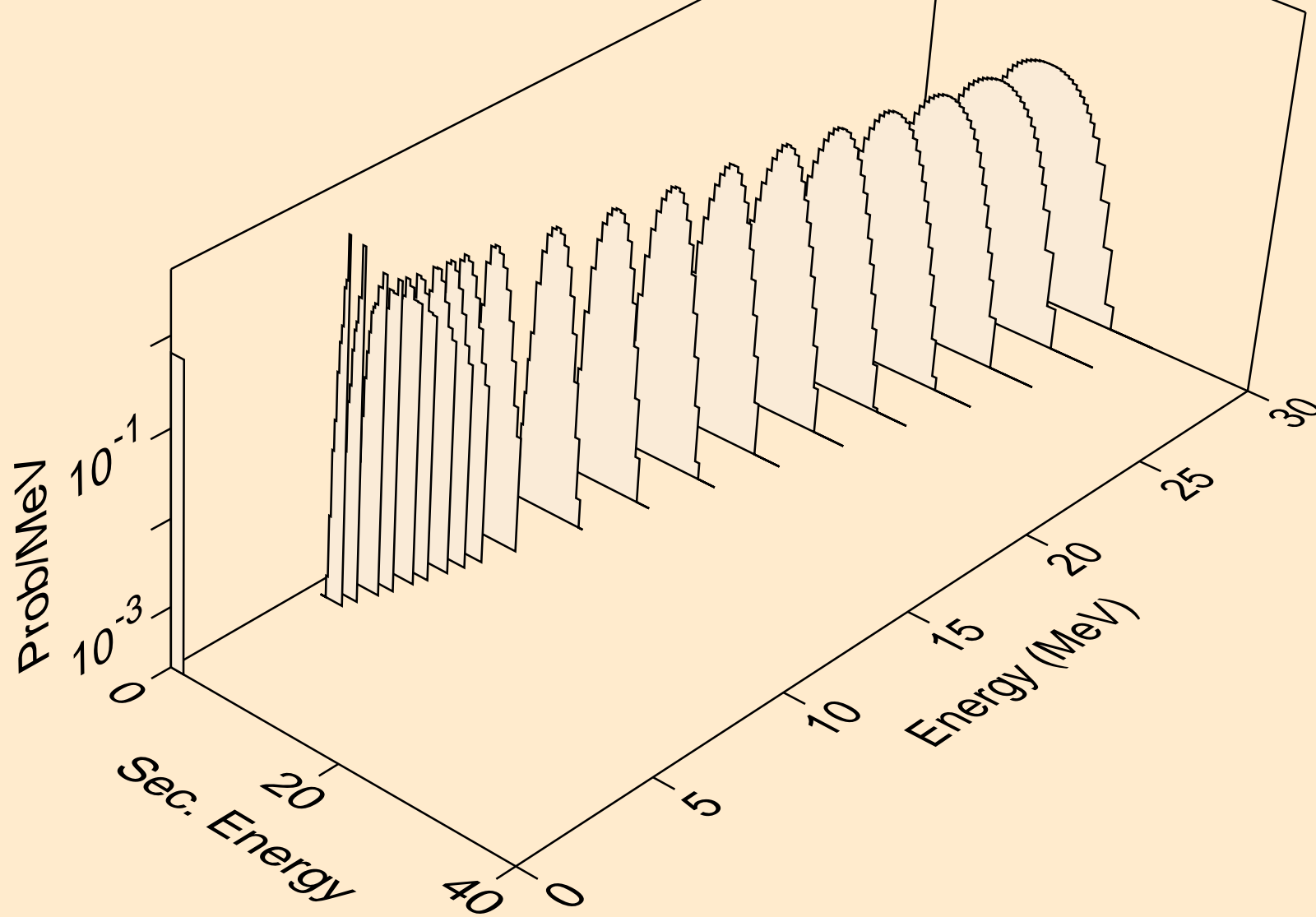
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,d2a)



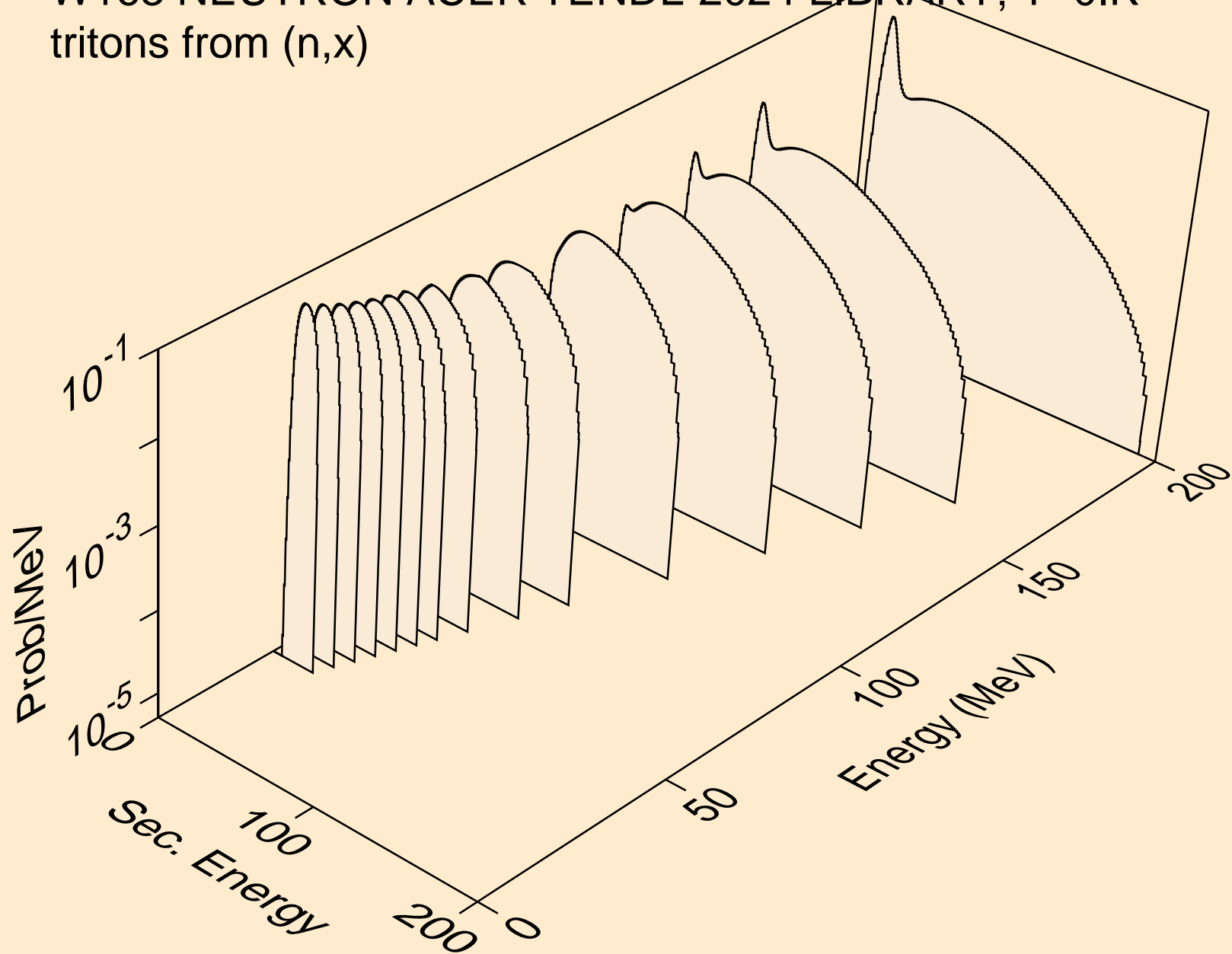
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,pd)



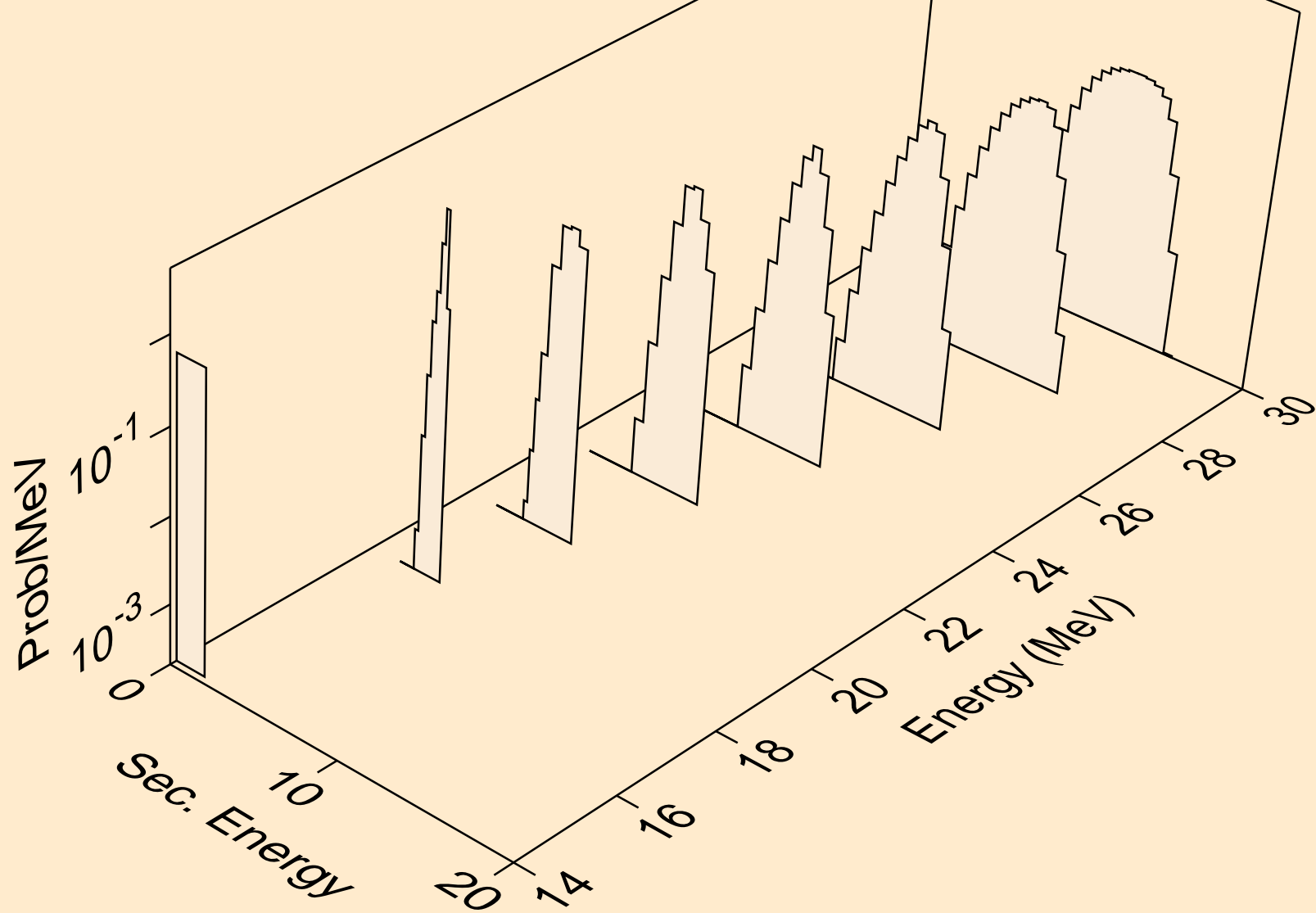
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,da)



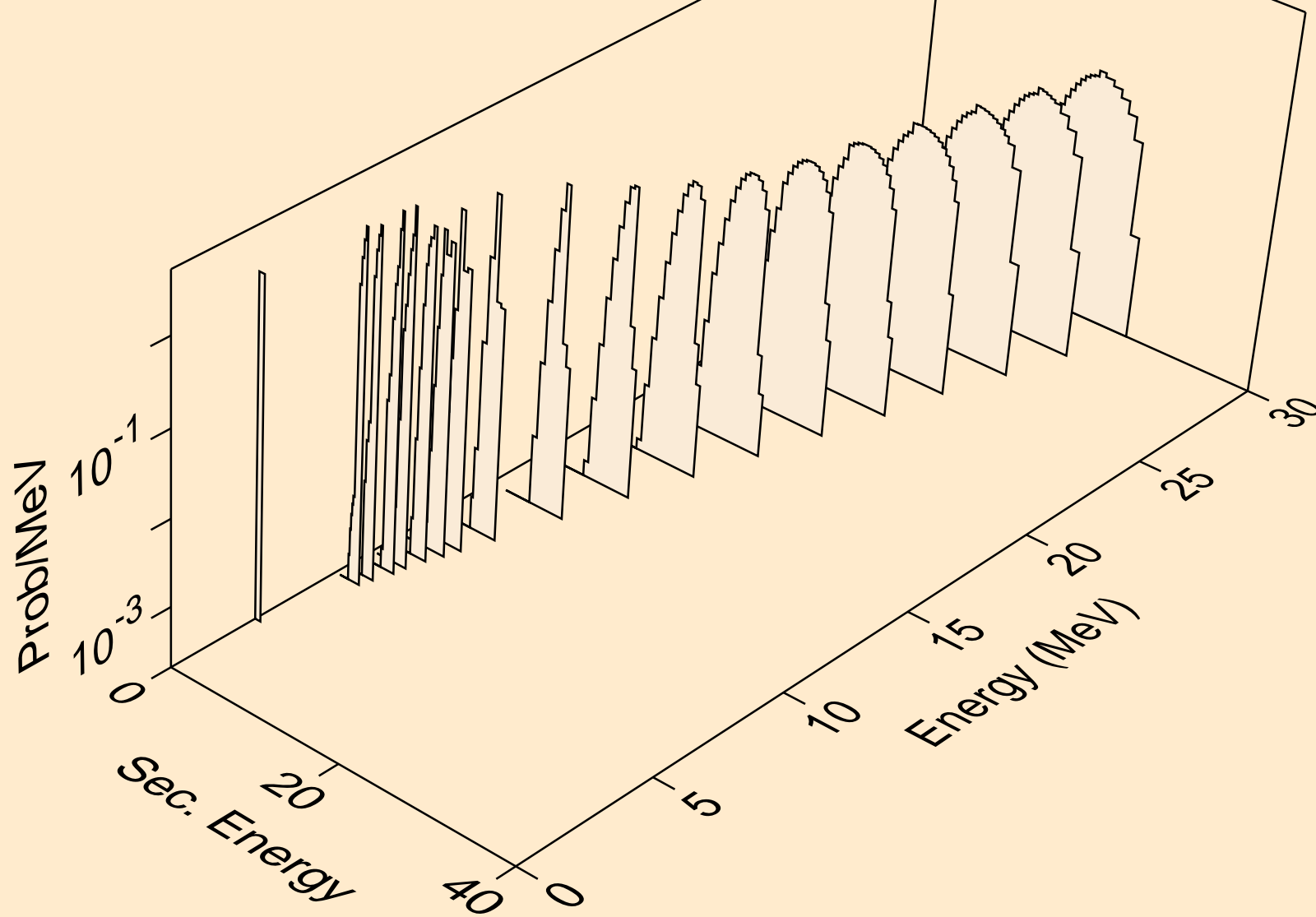
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,x)



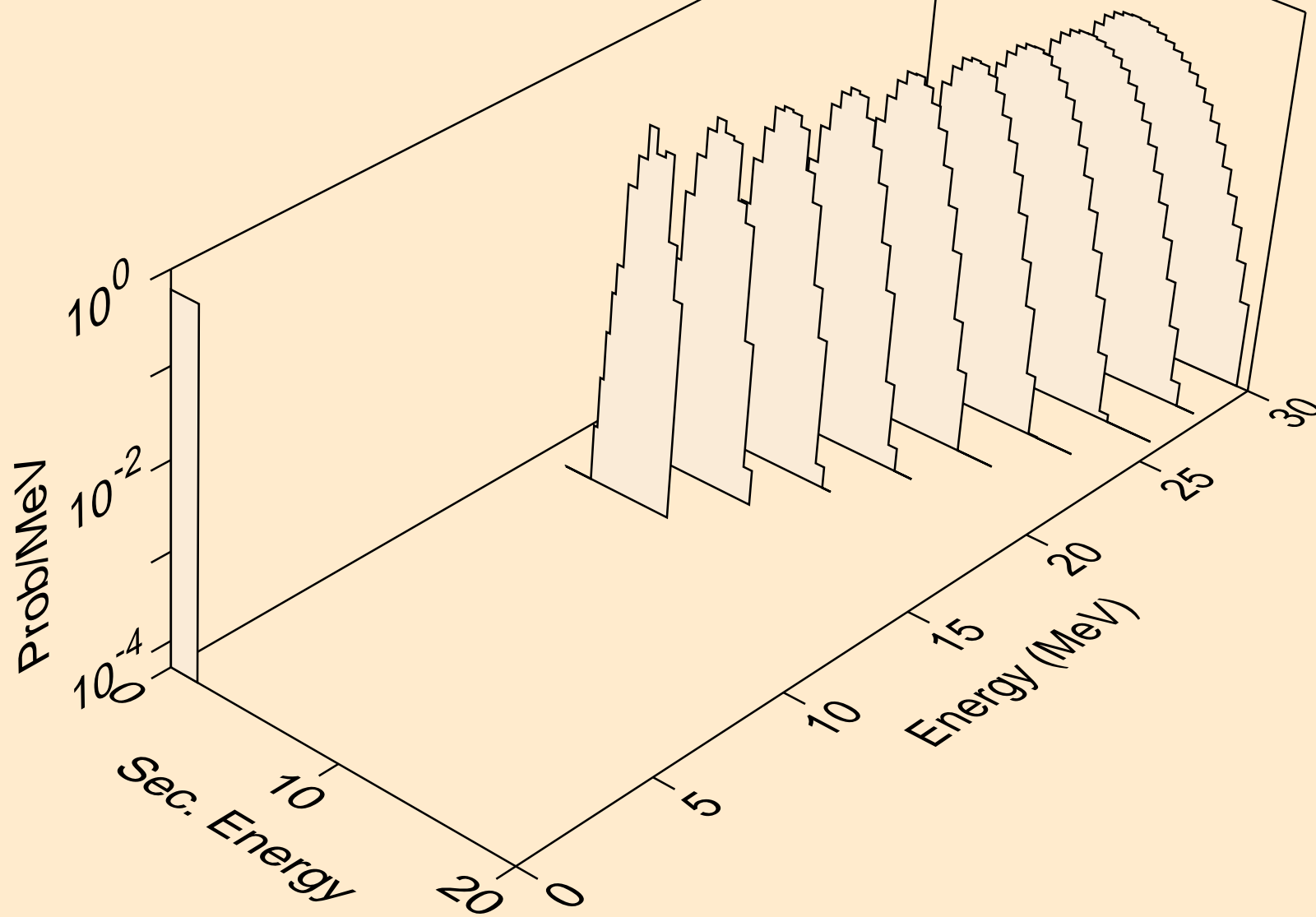
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



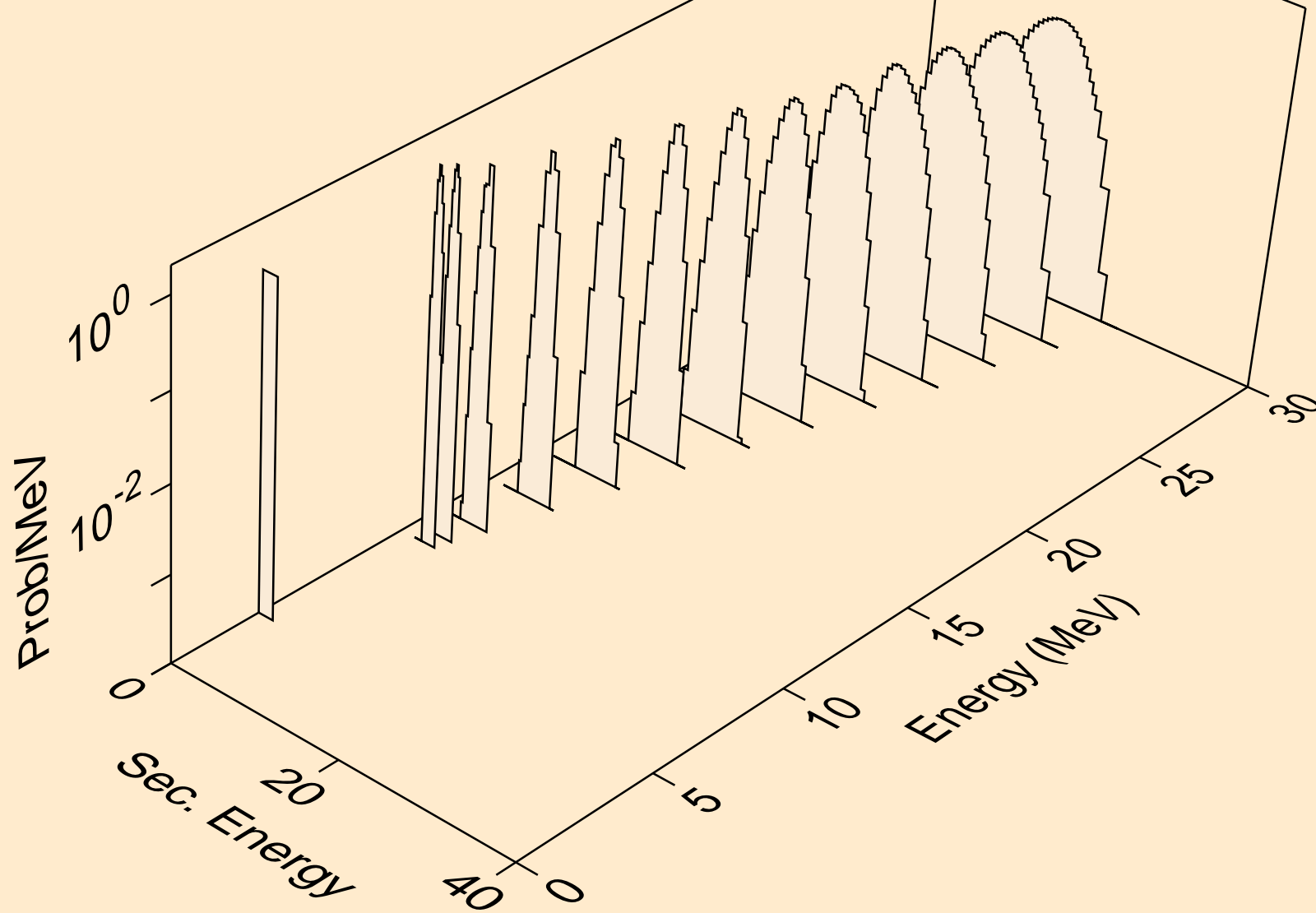
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t)



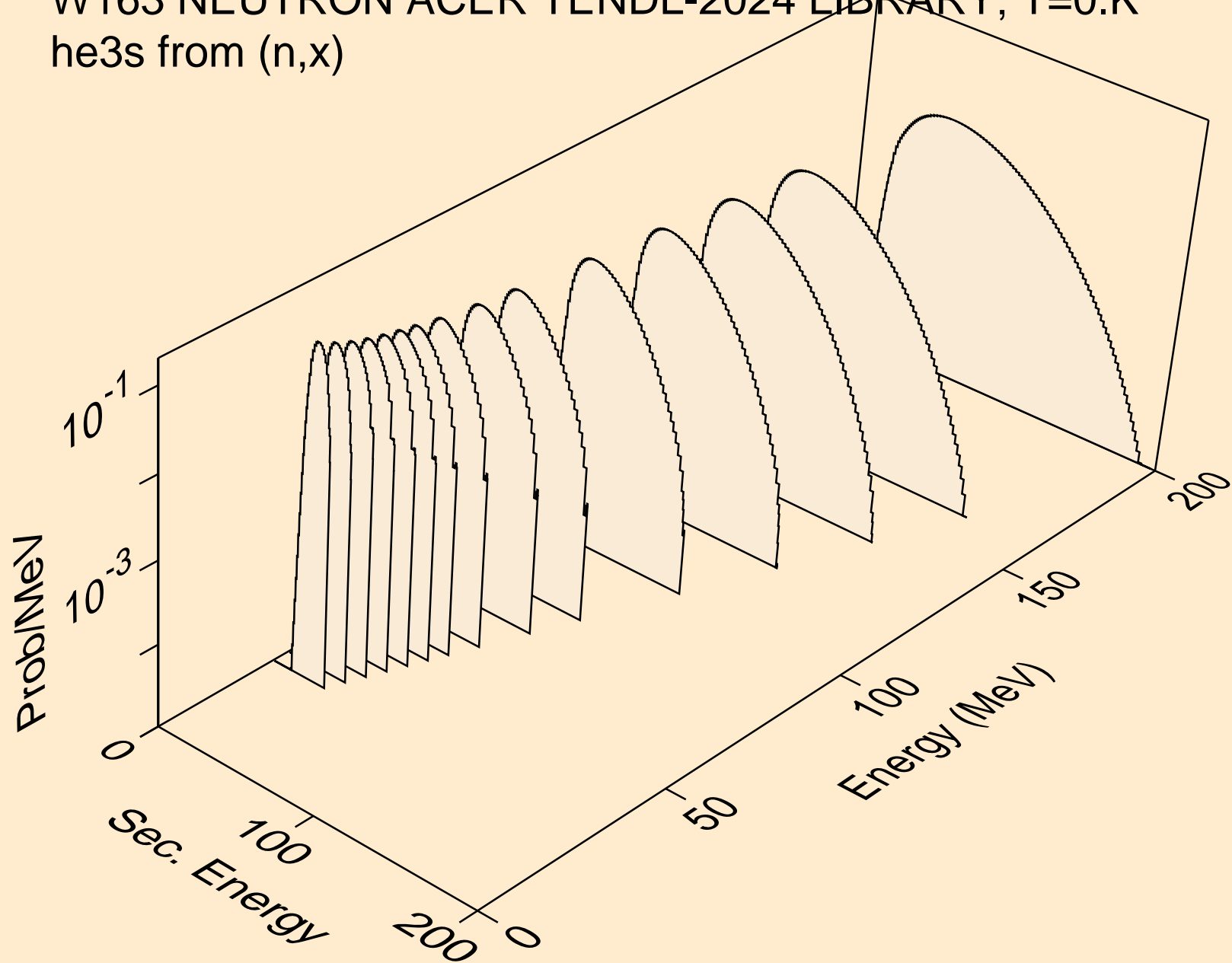
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t2a)



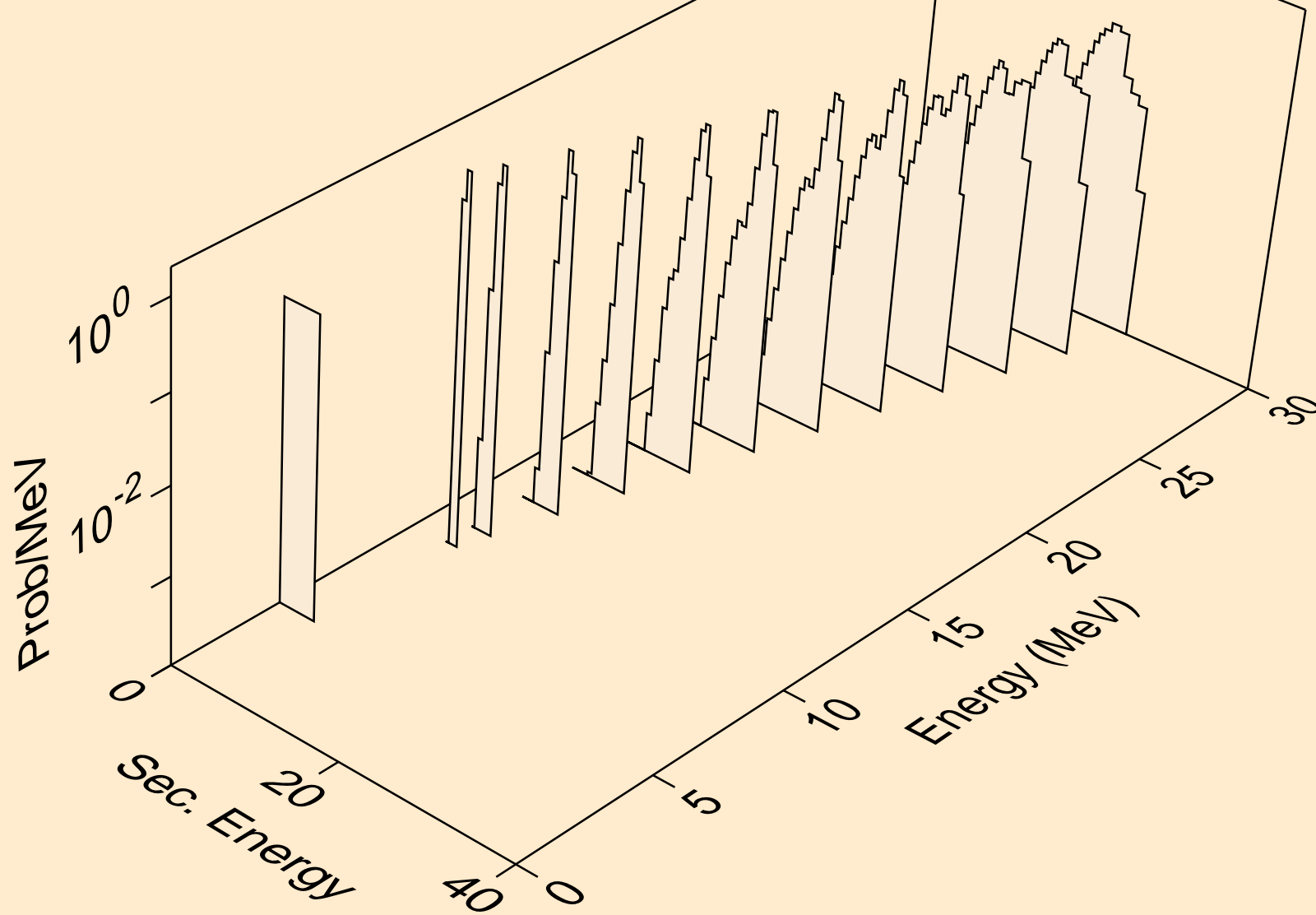
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,pt)



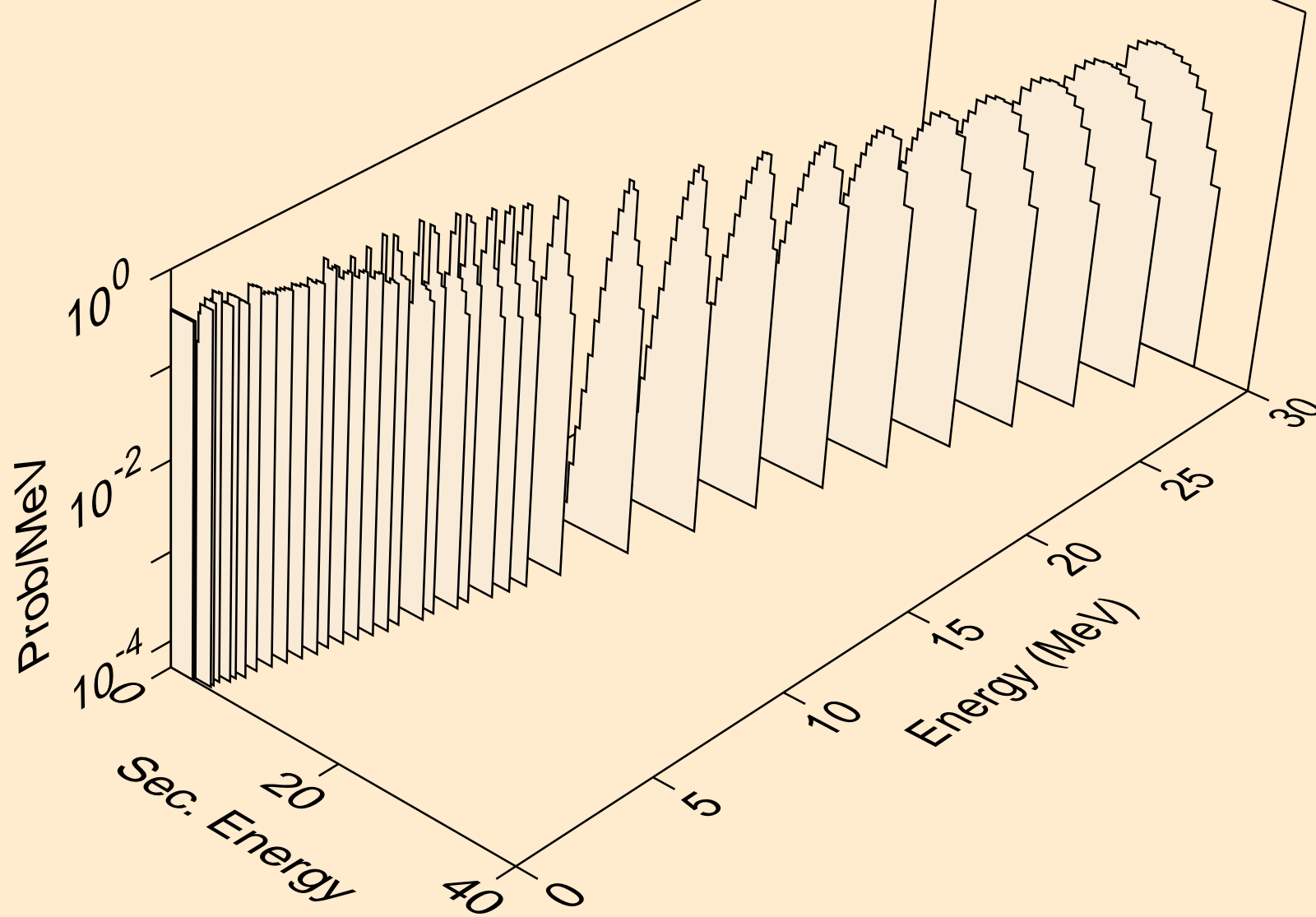
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



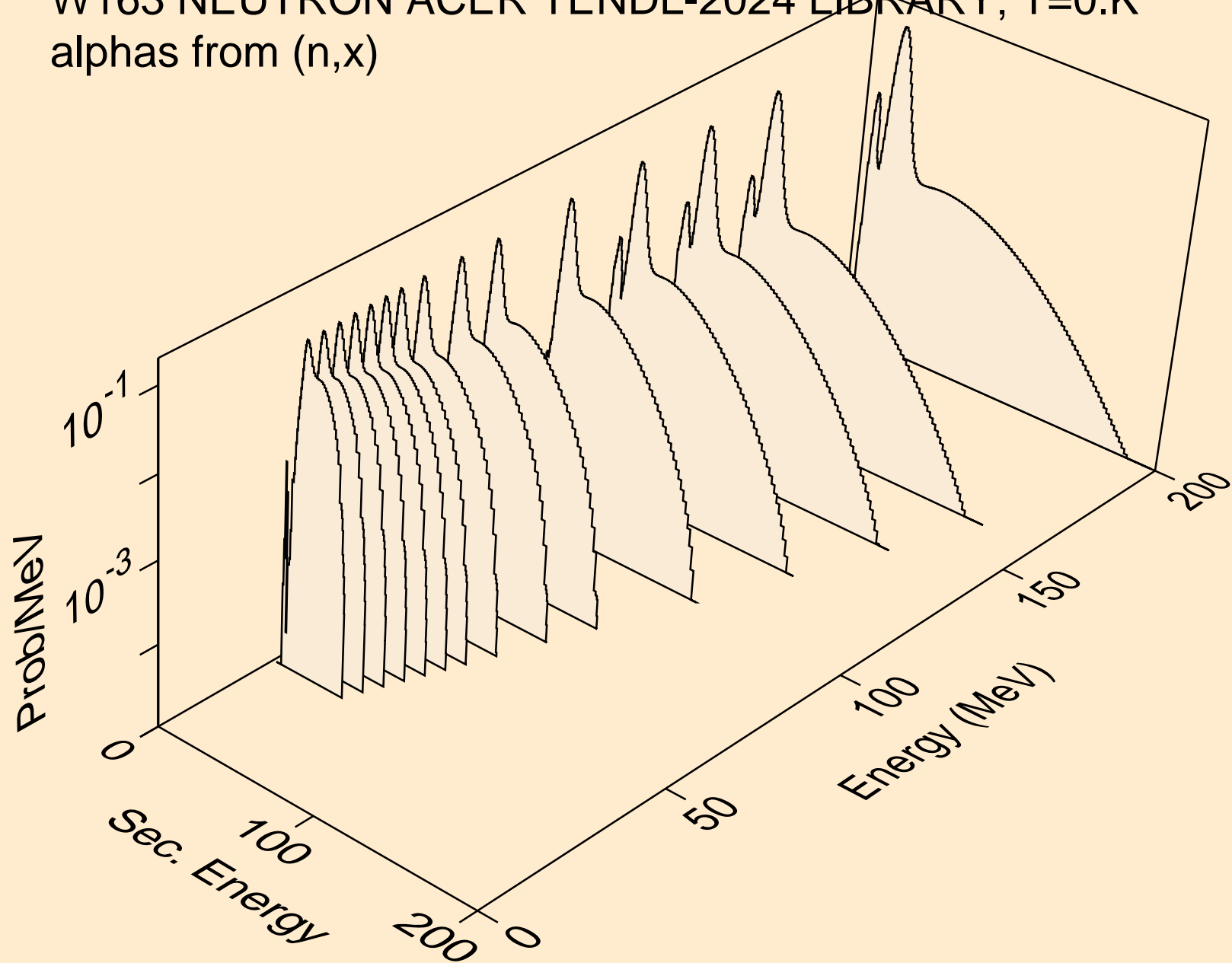
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



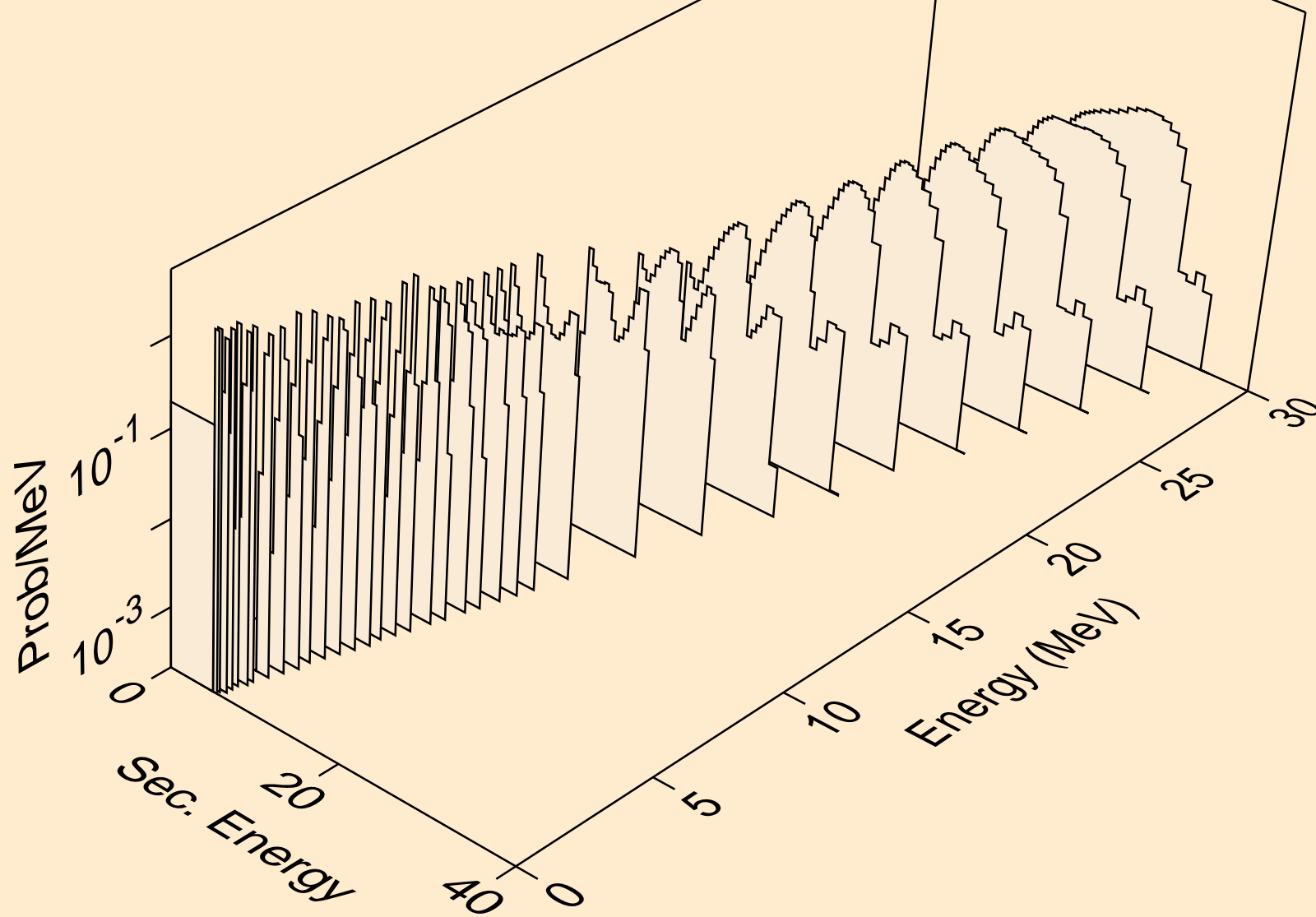
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



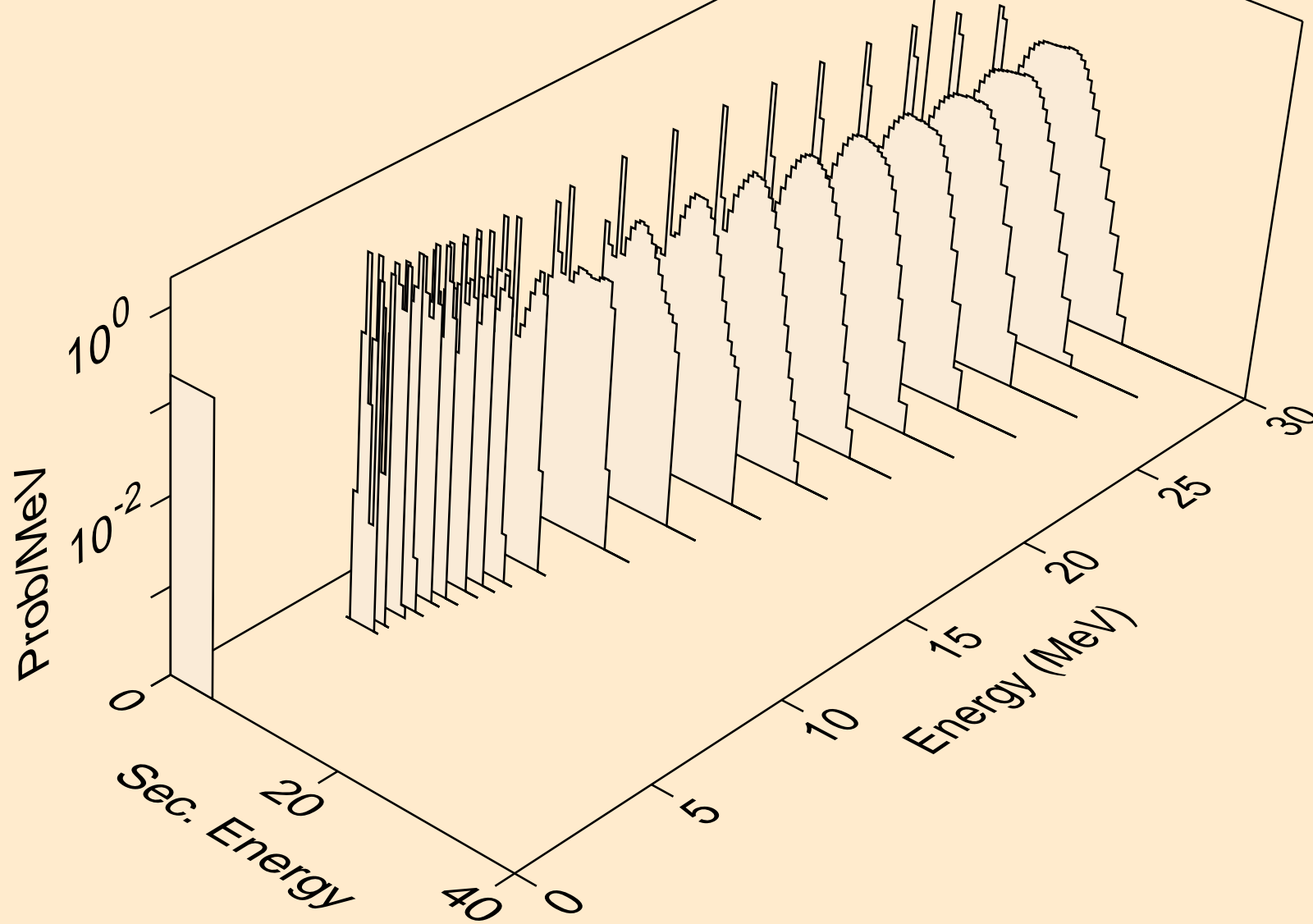
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



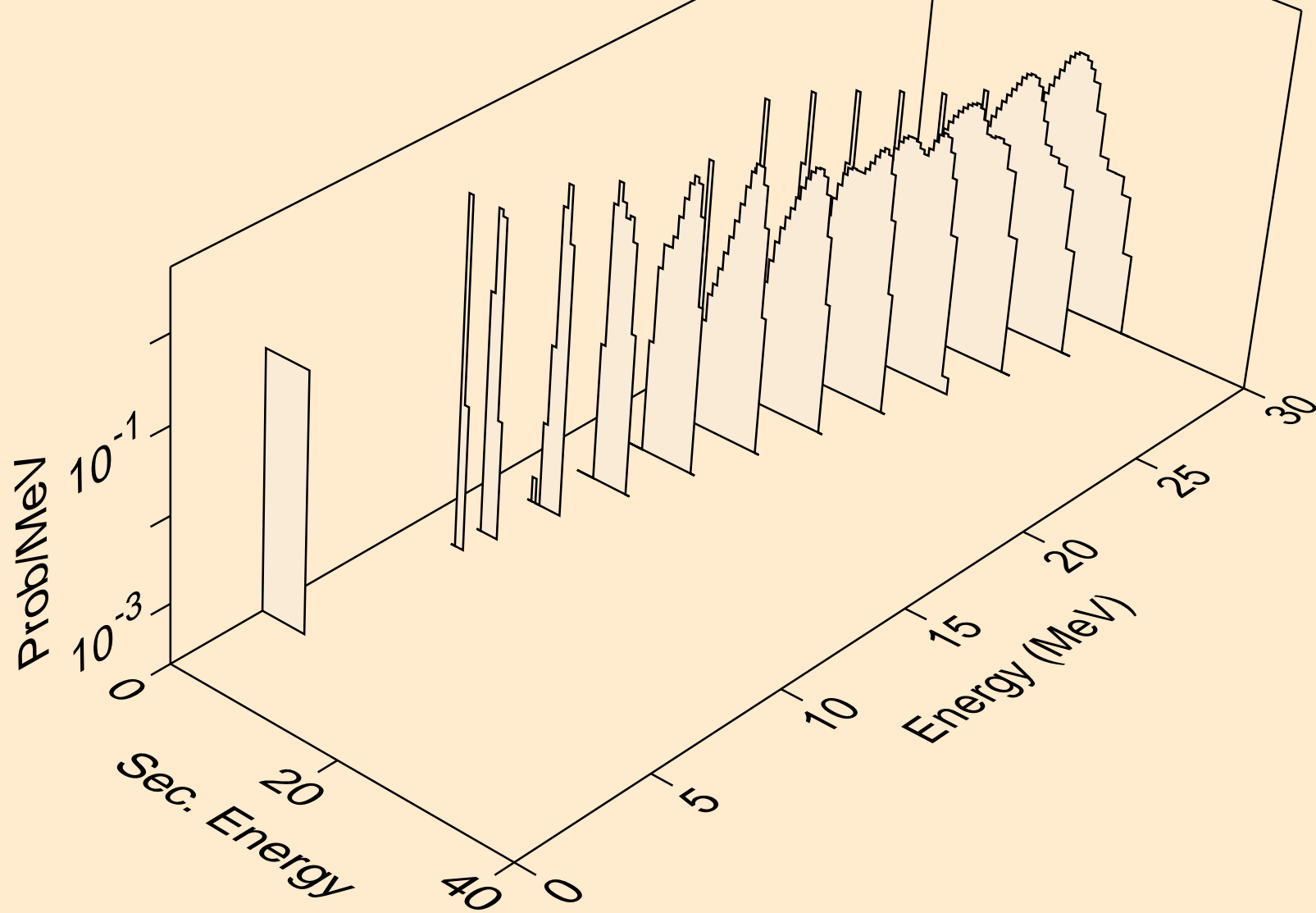
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



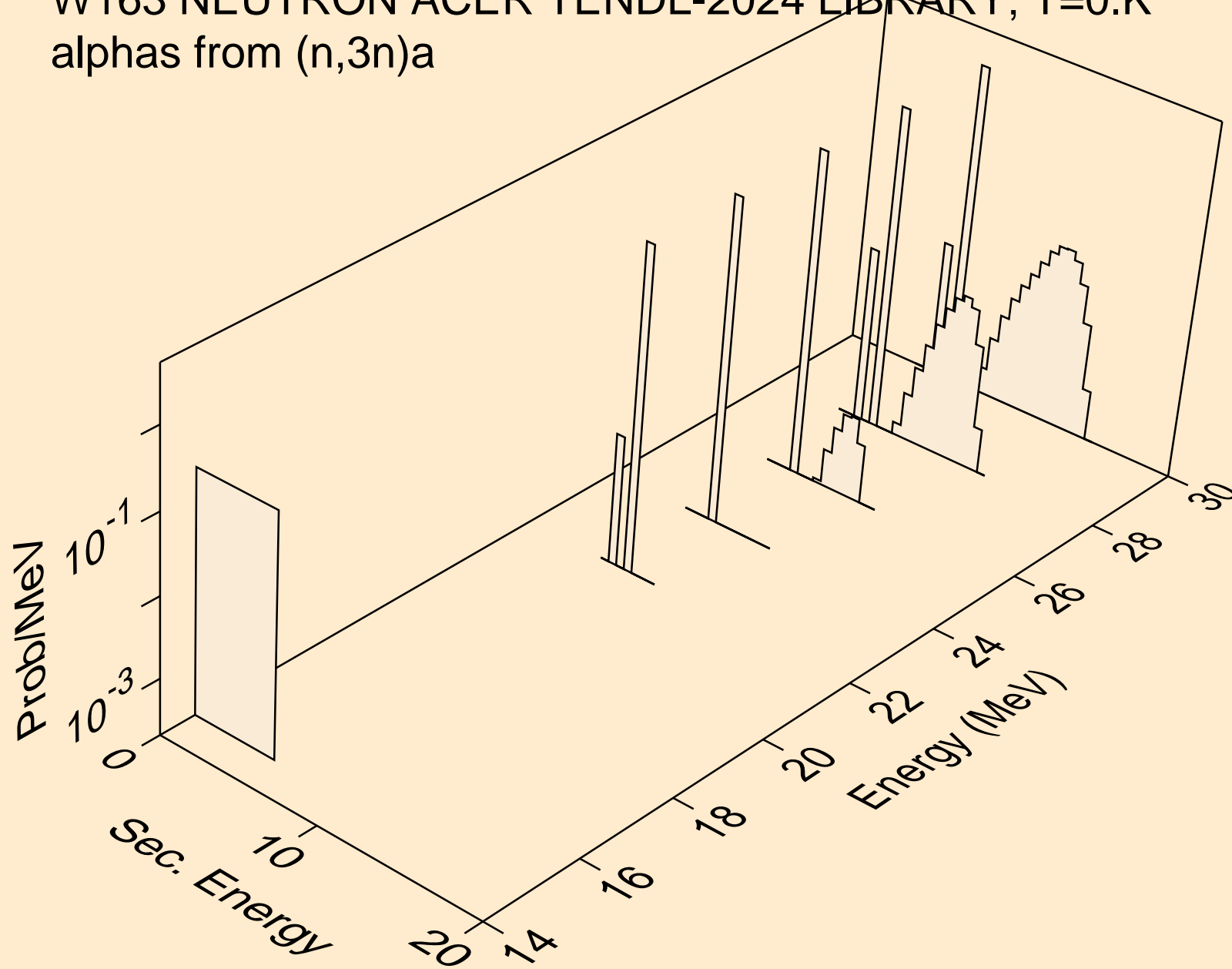
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)3a



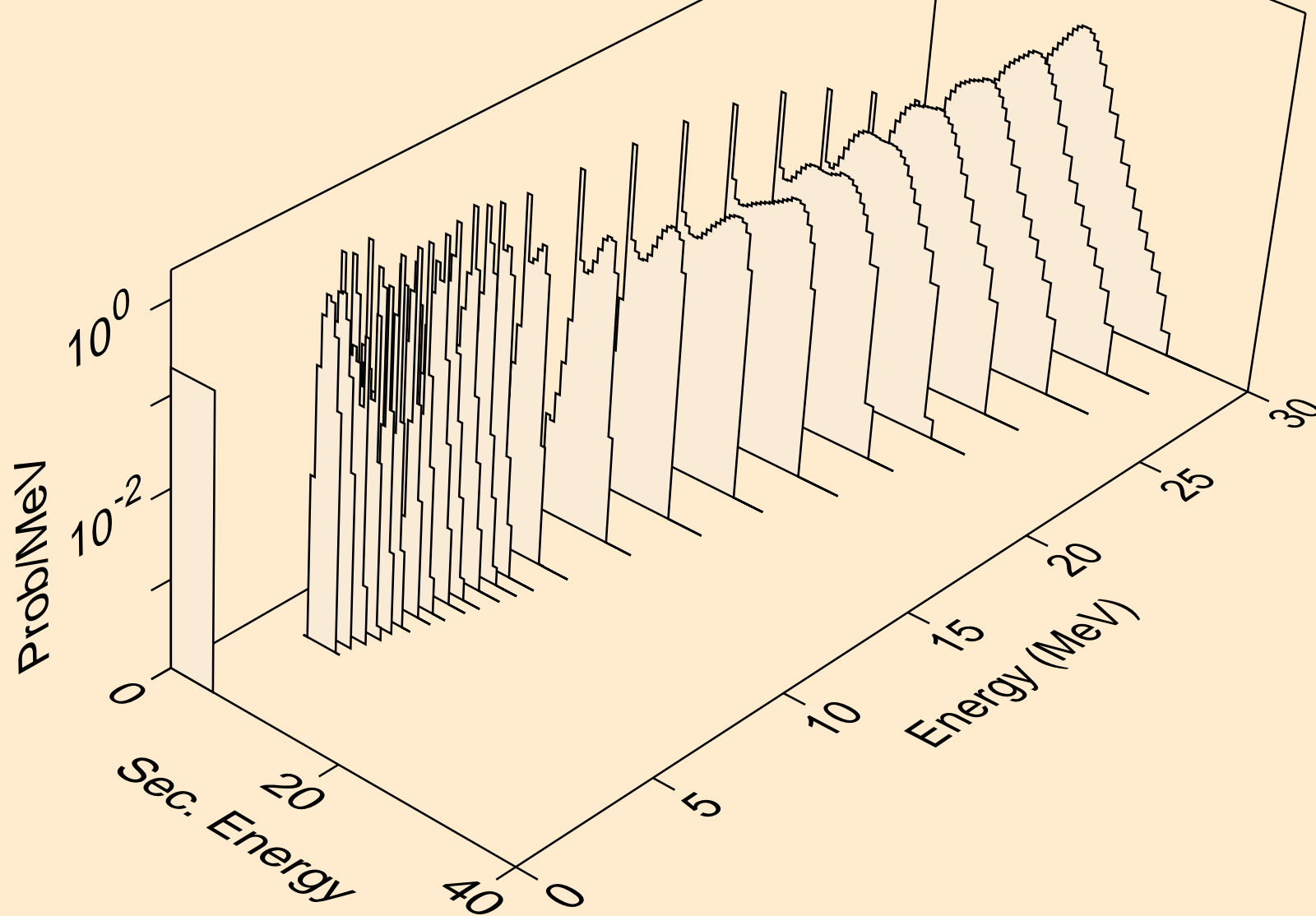
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



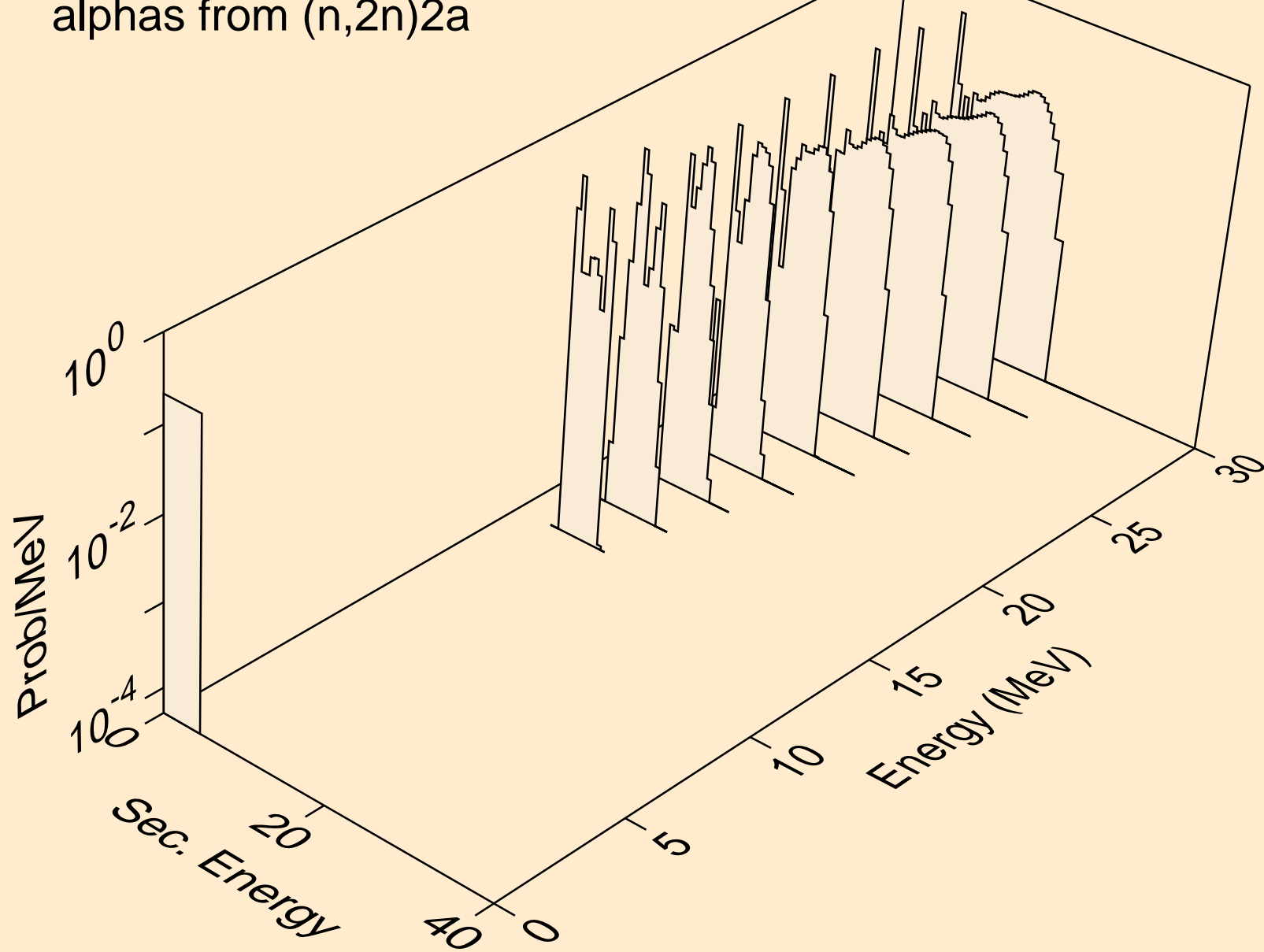
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3n)a



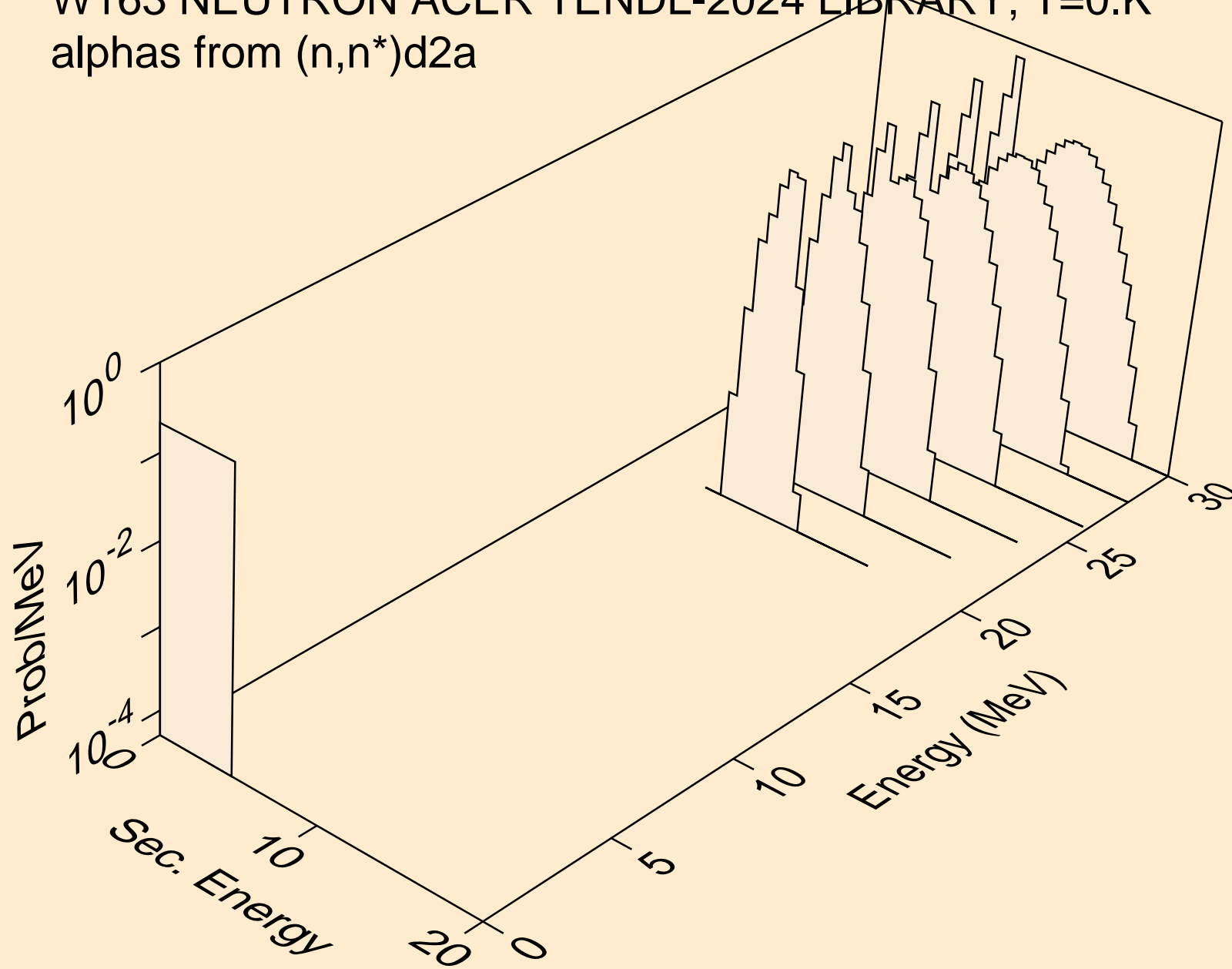
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



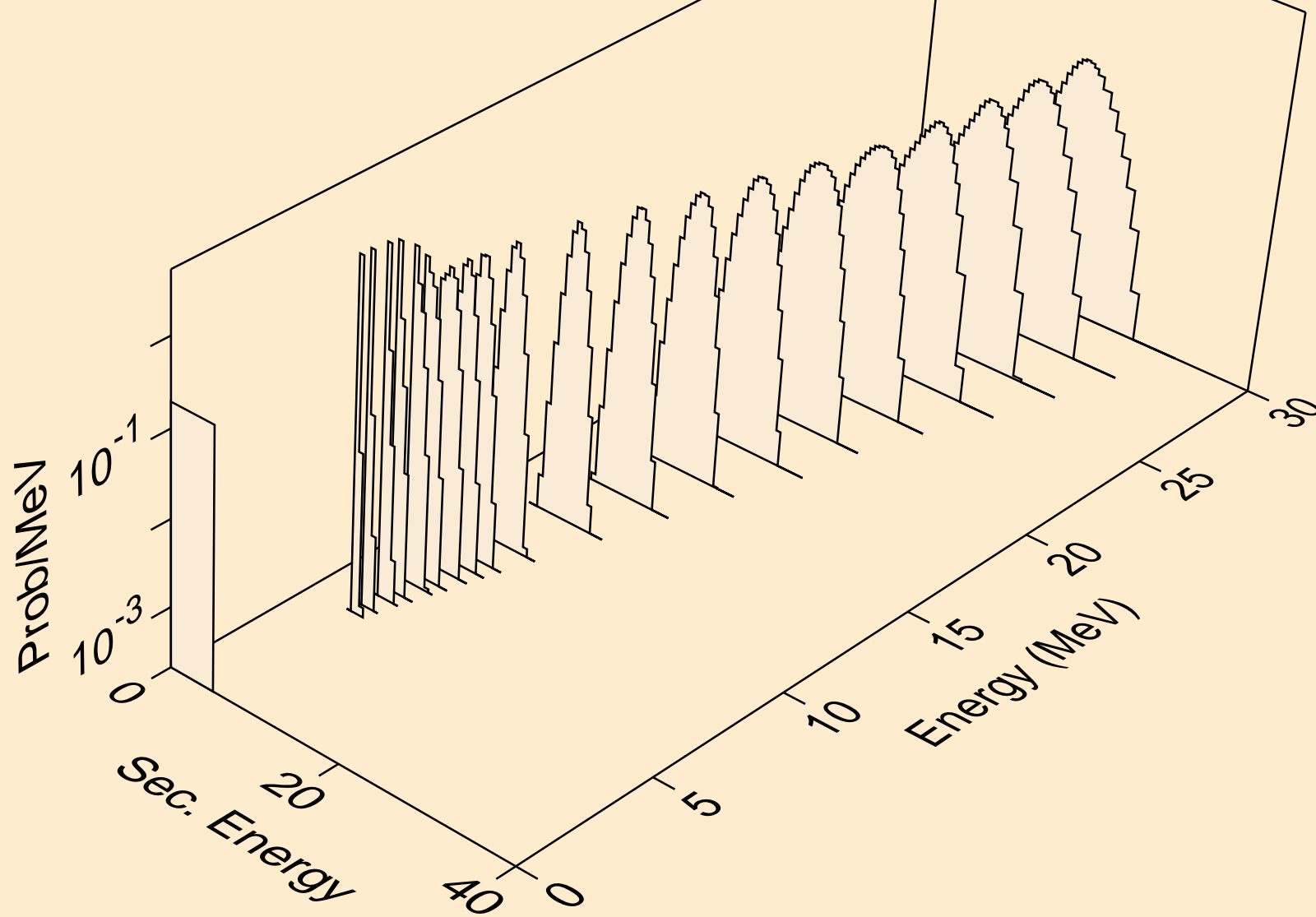
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)2a



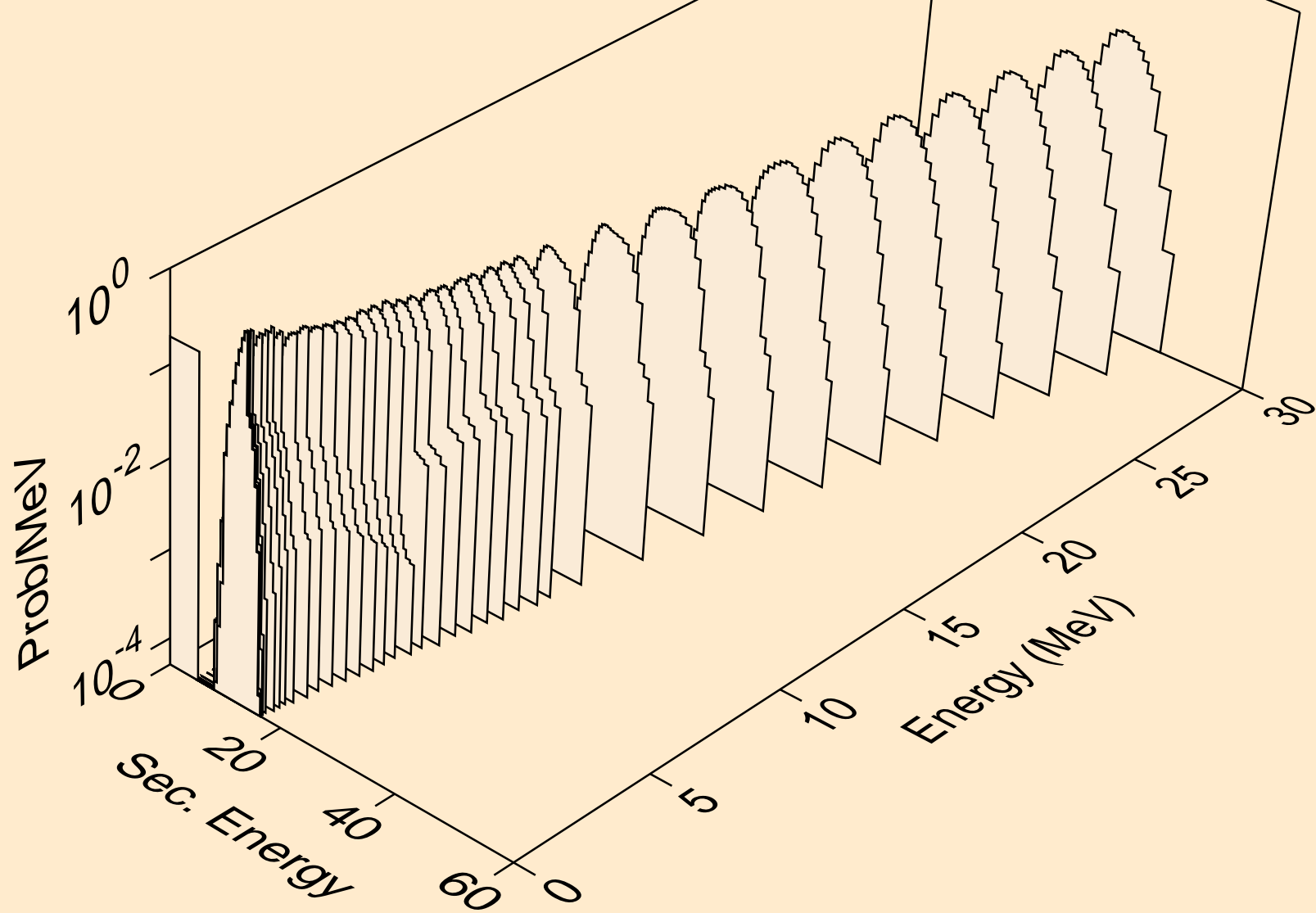
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)d2a



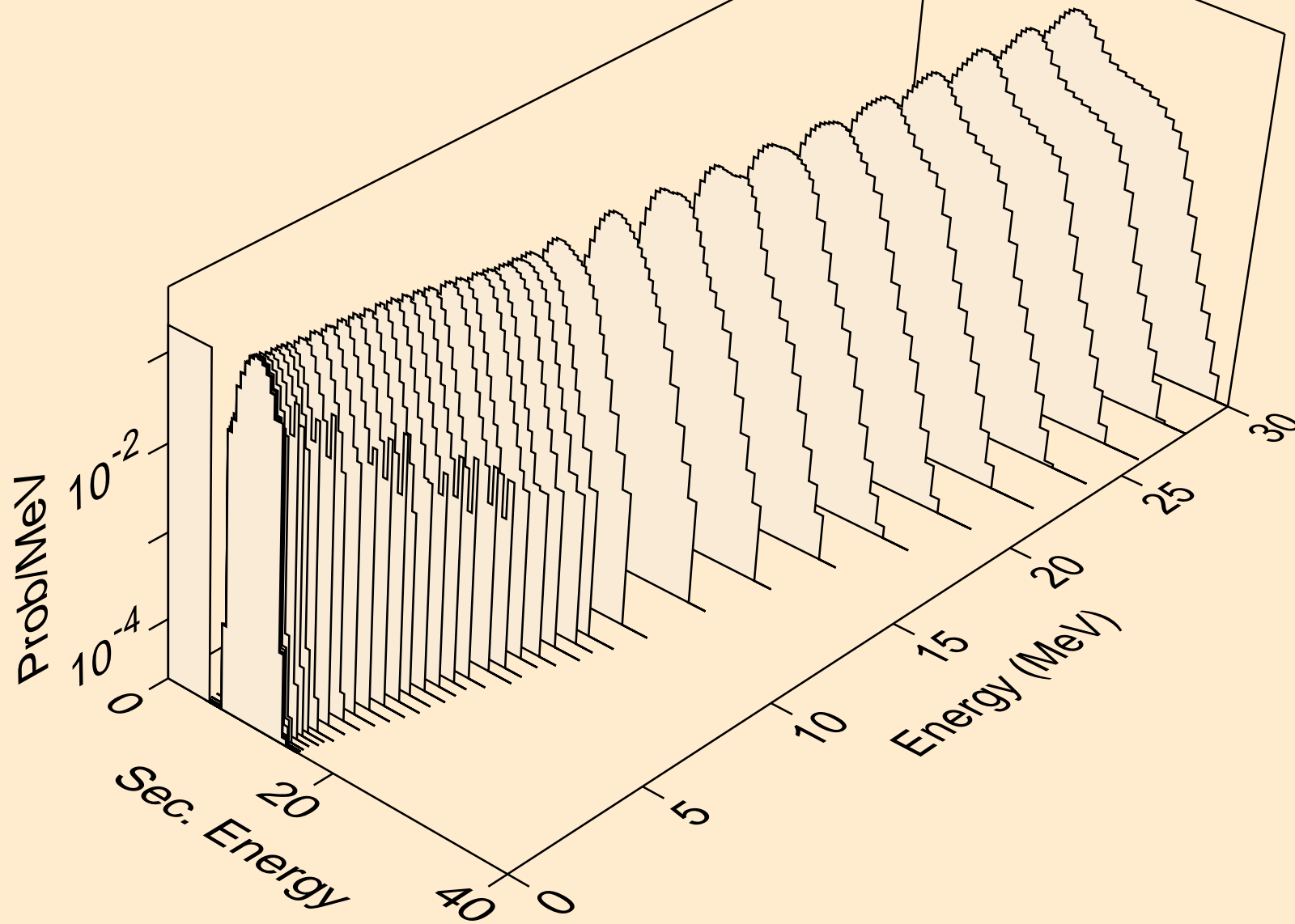
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



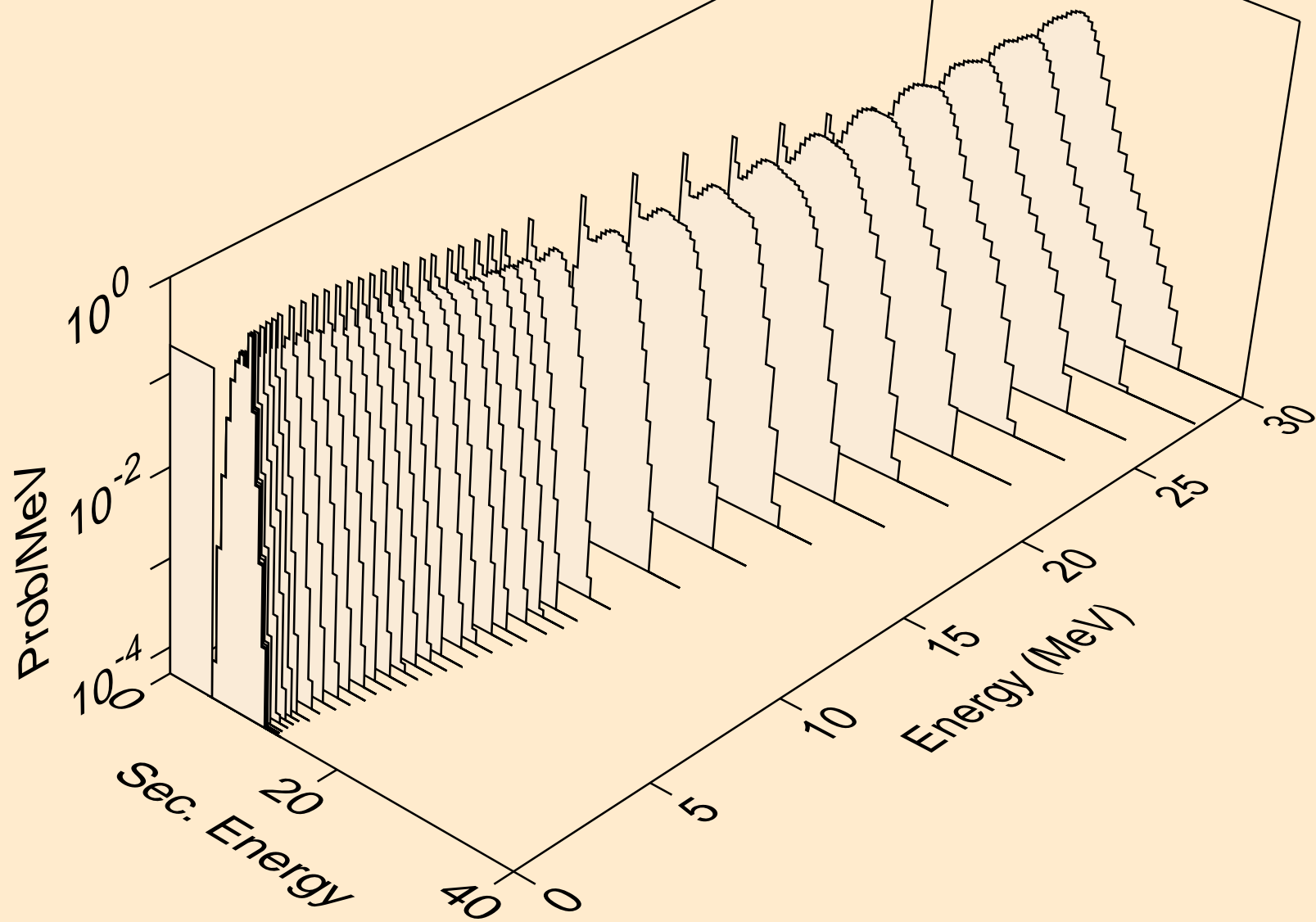
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



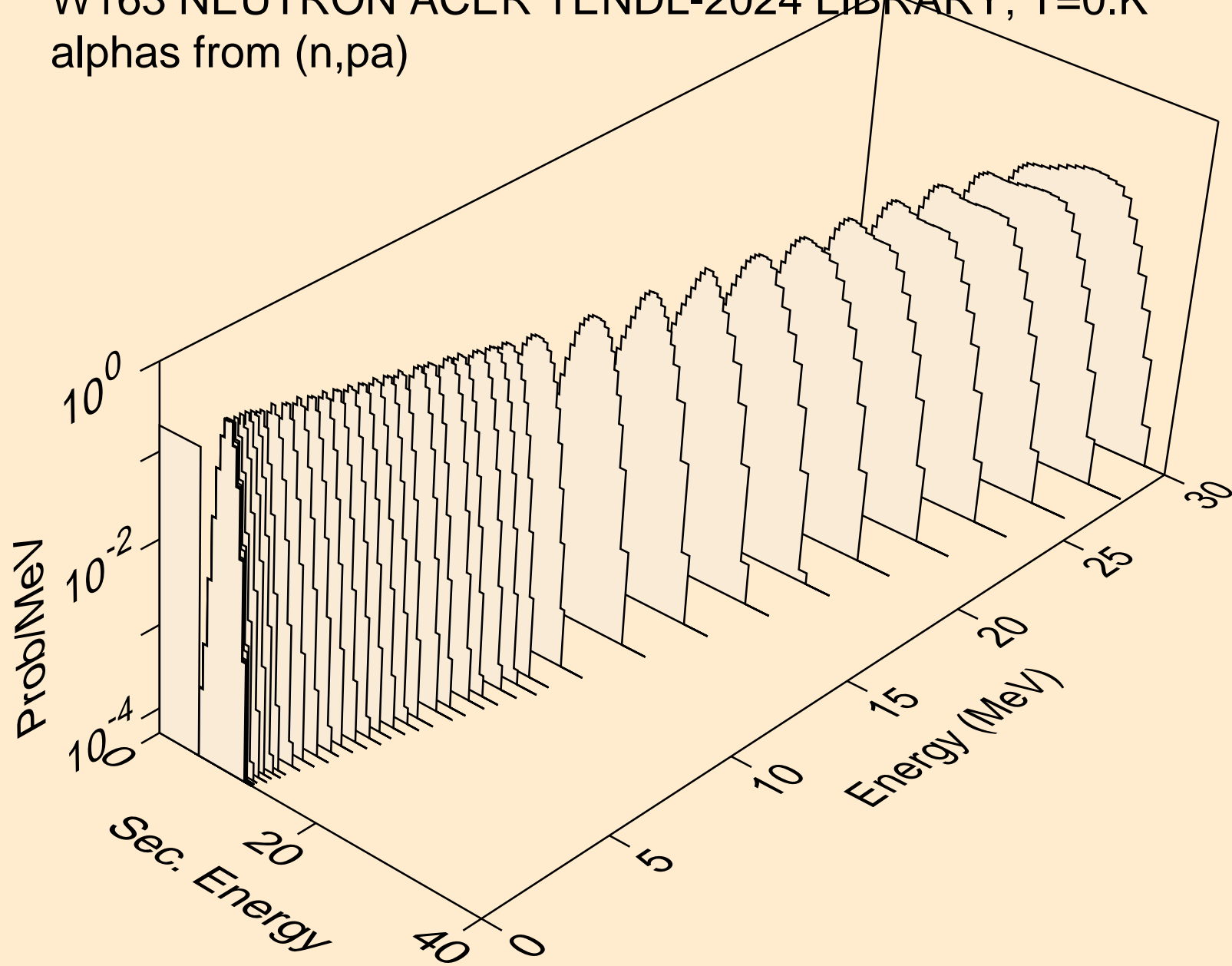
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



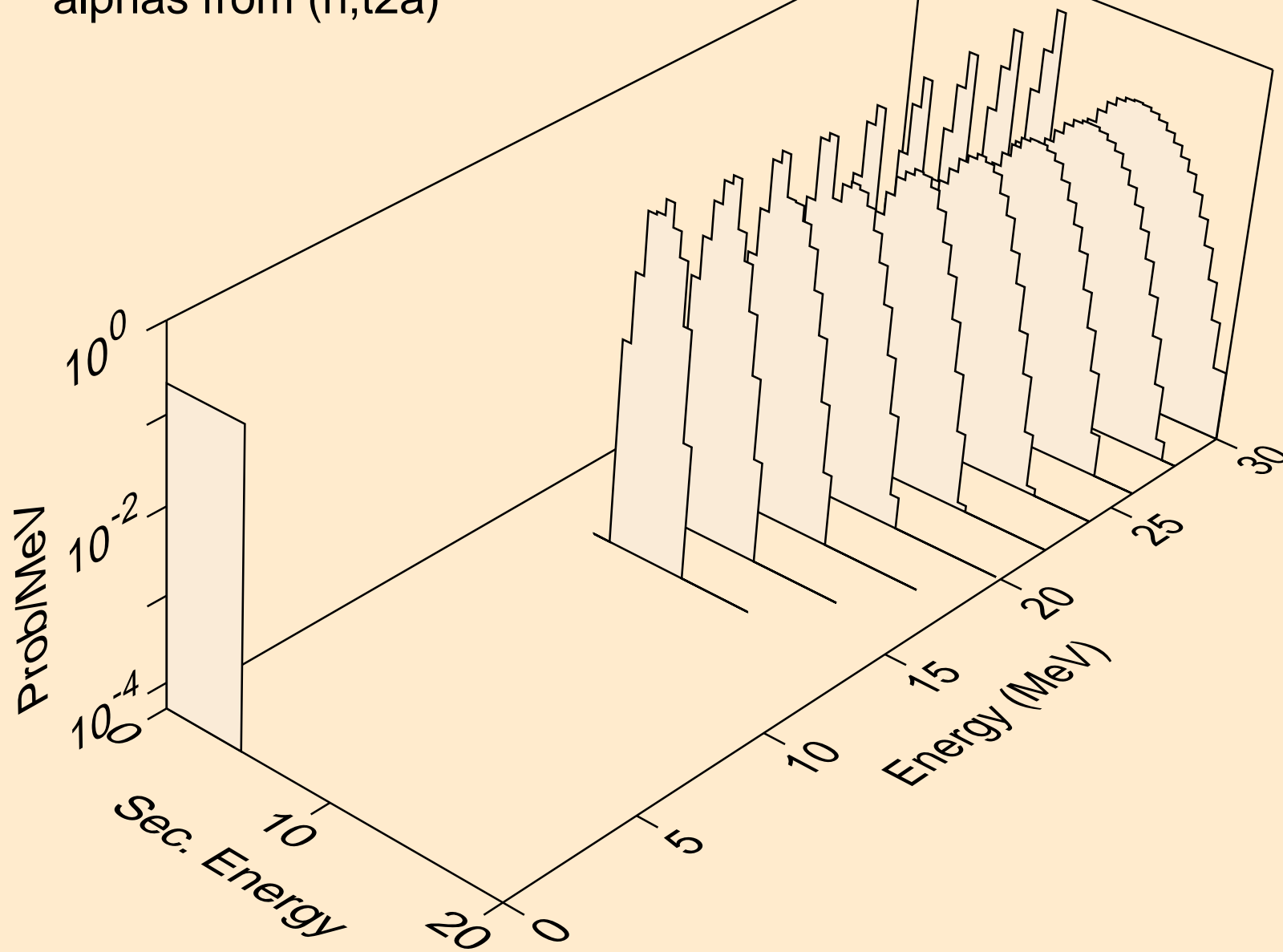
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3a)



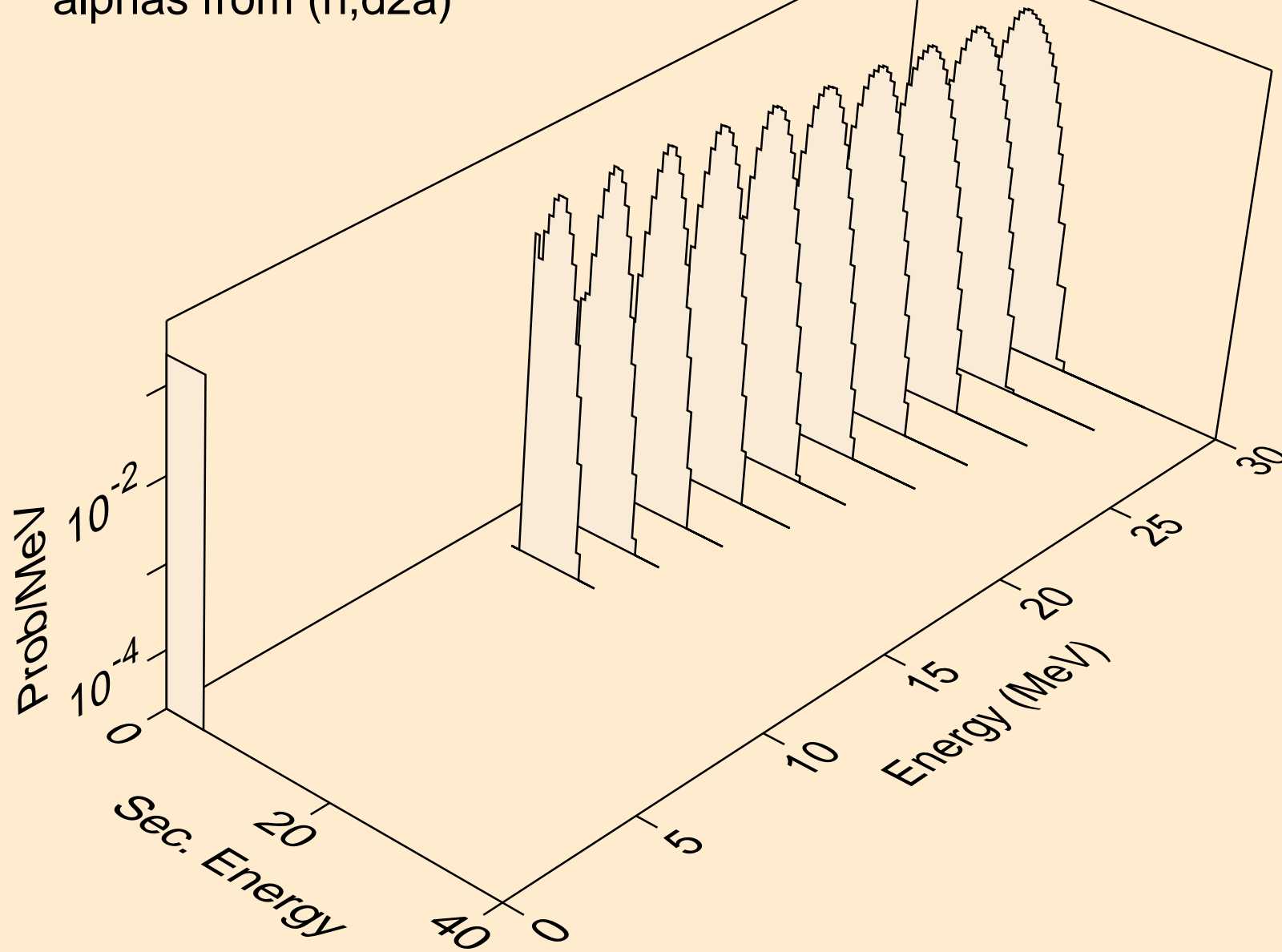
W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,p)



W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,t2a)



W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,d2a)



W163 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

