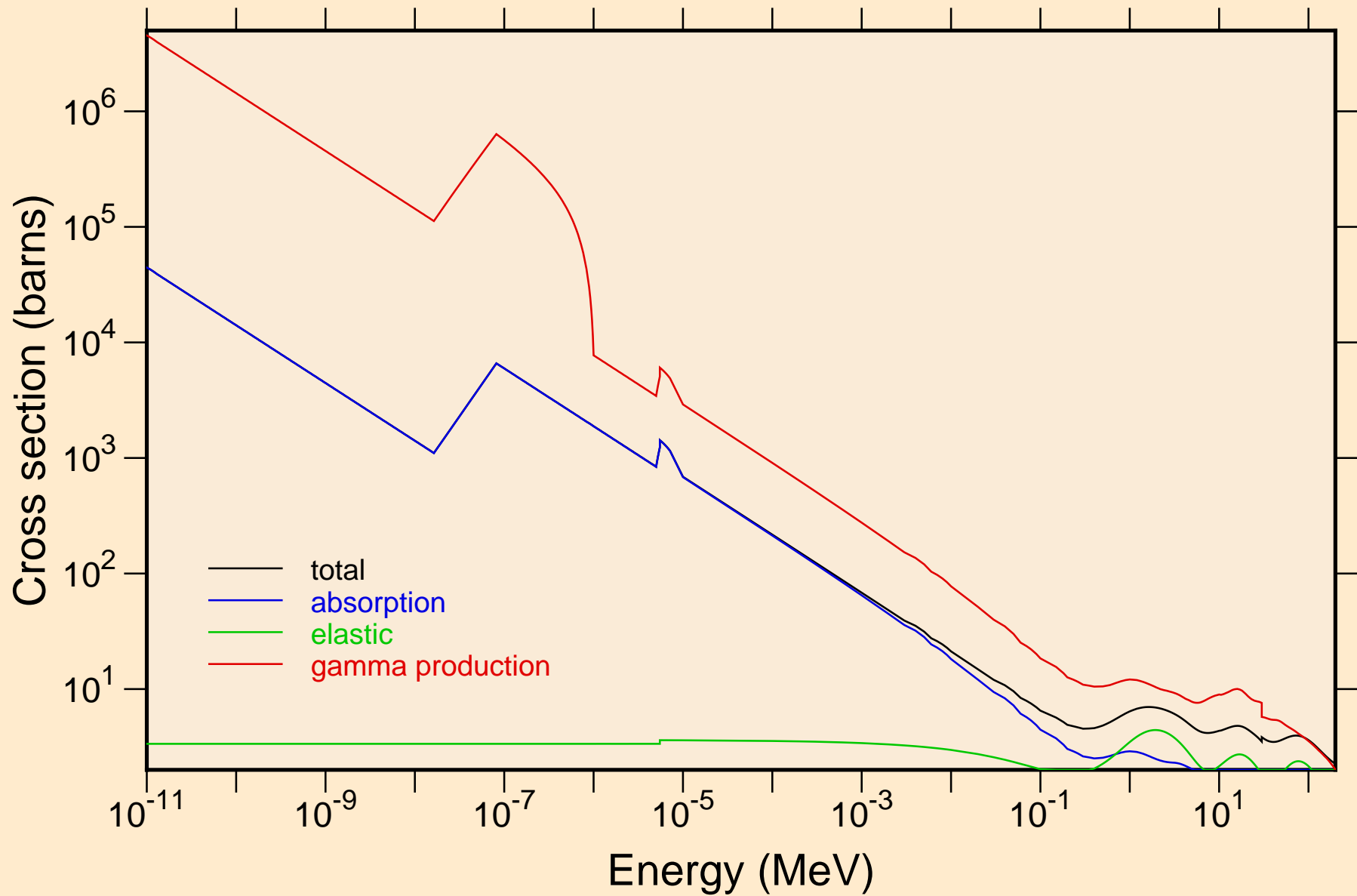


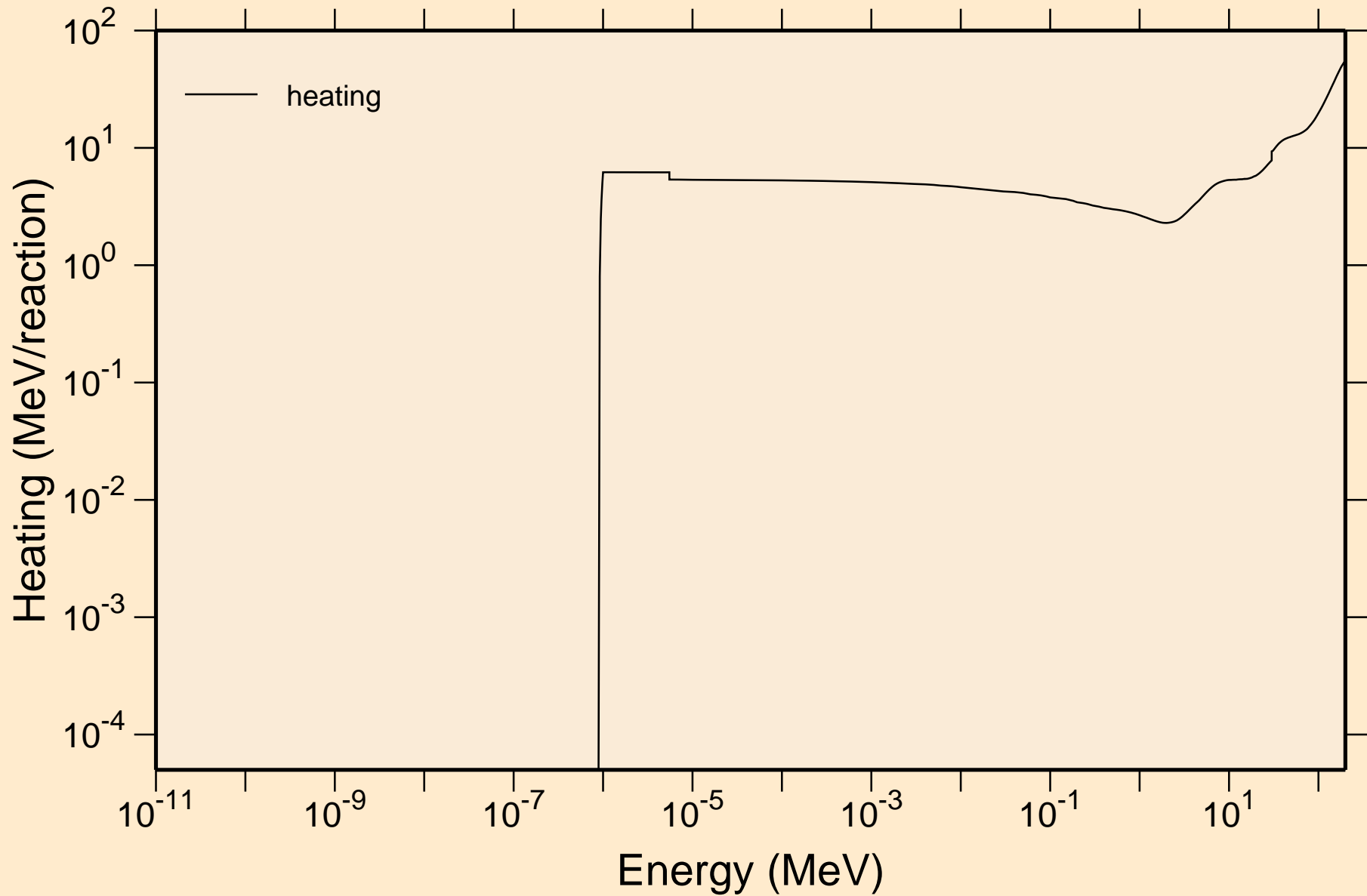
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



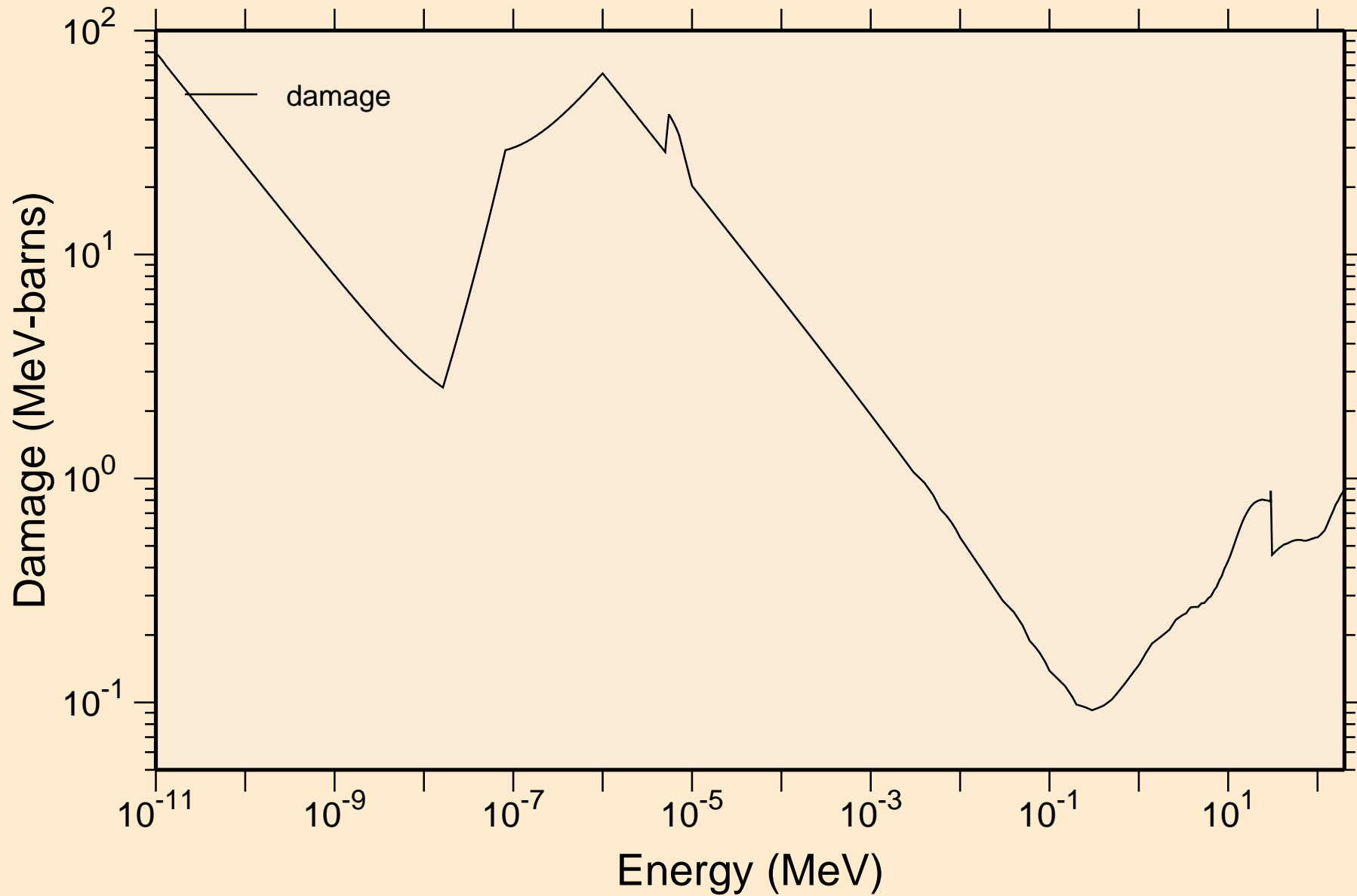
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating



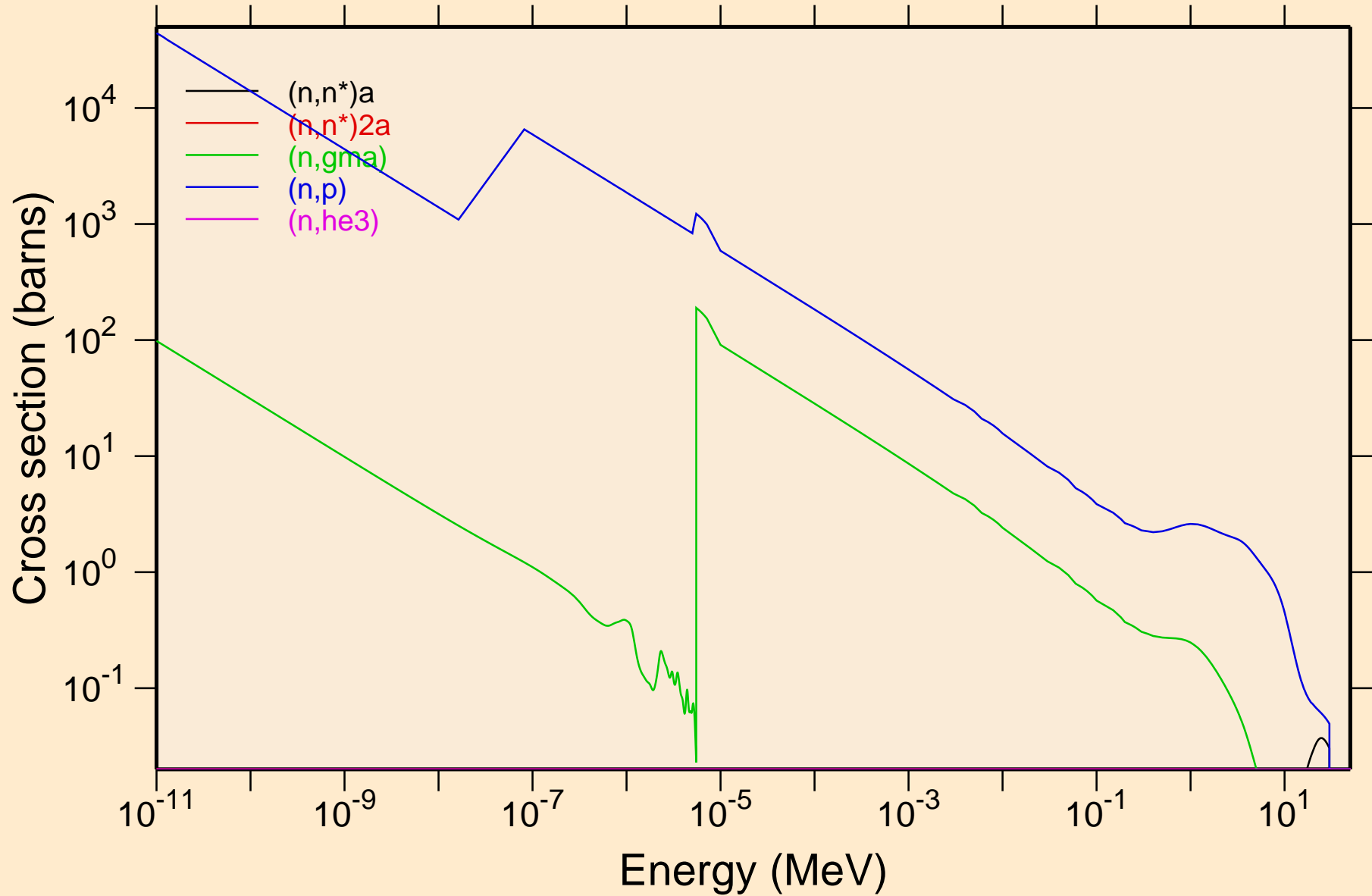
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage



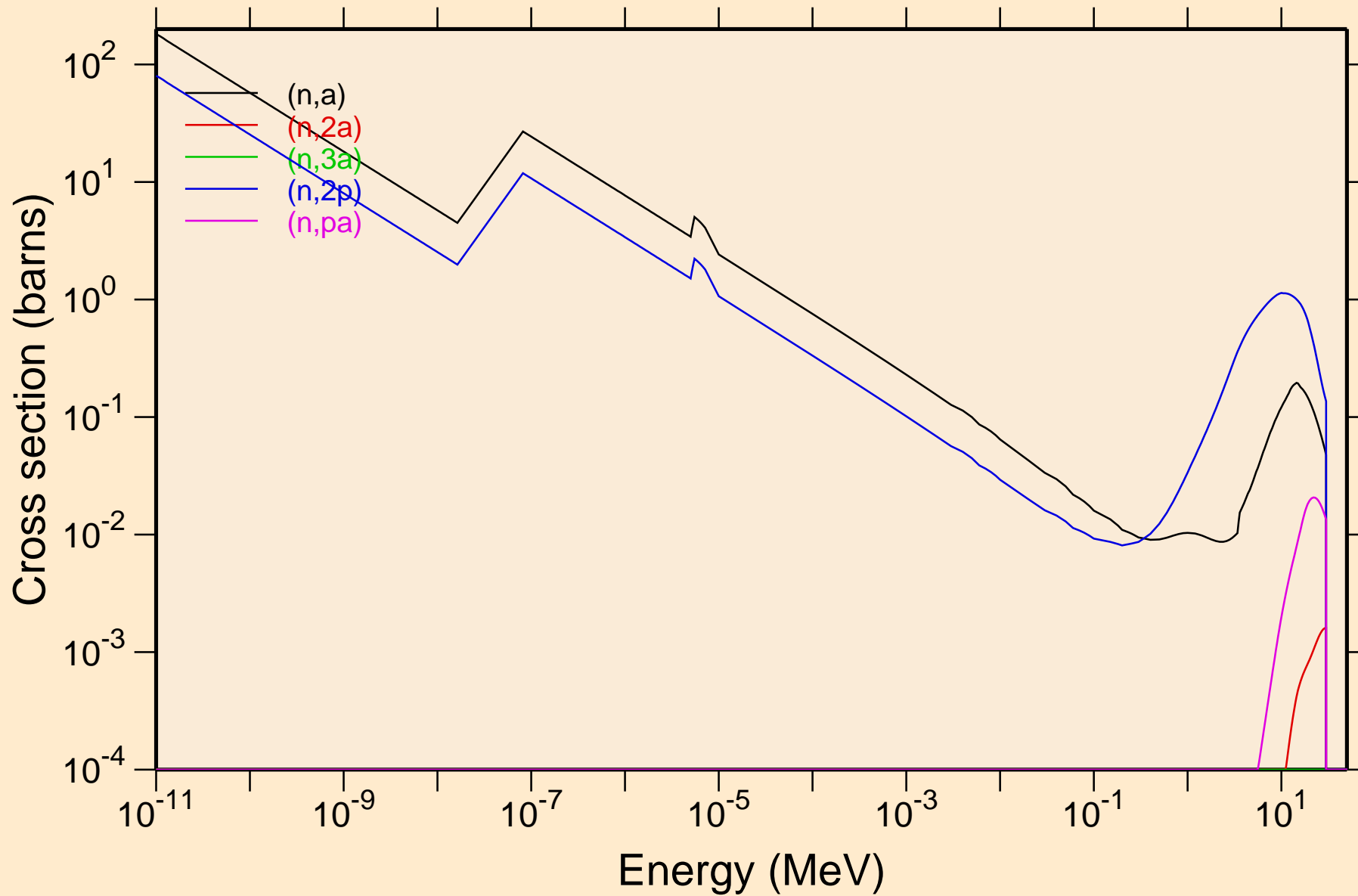
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



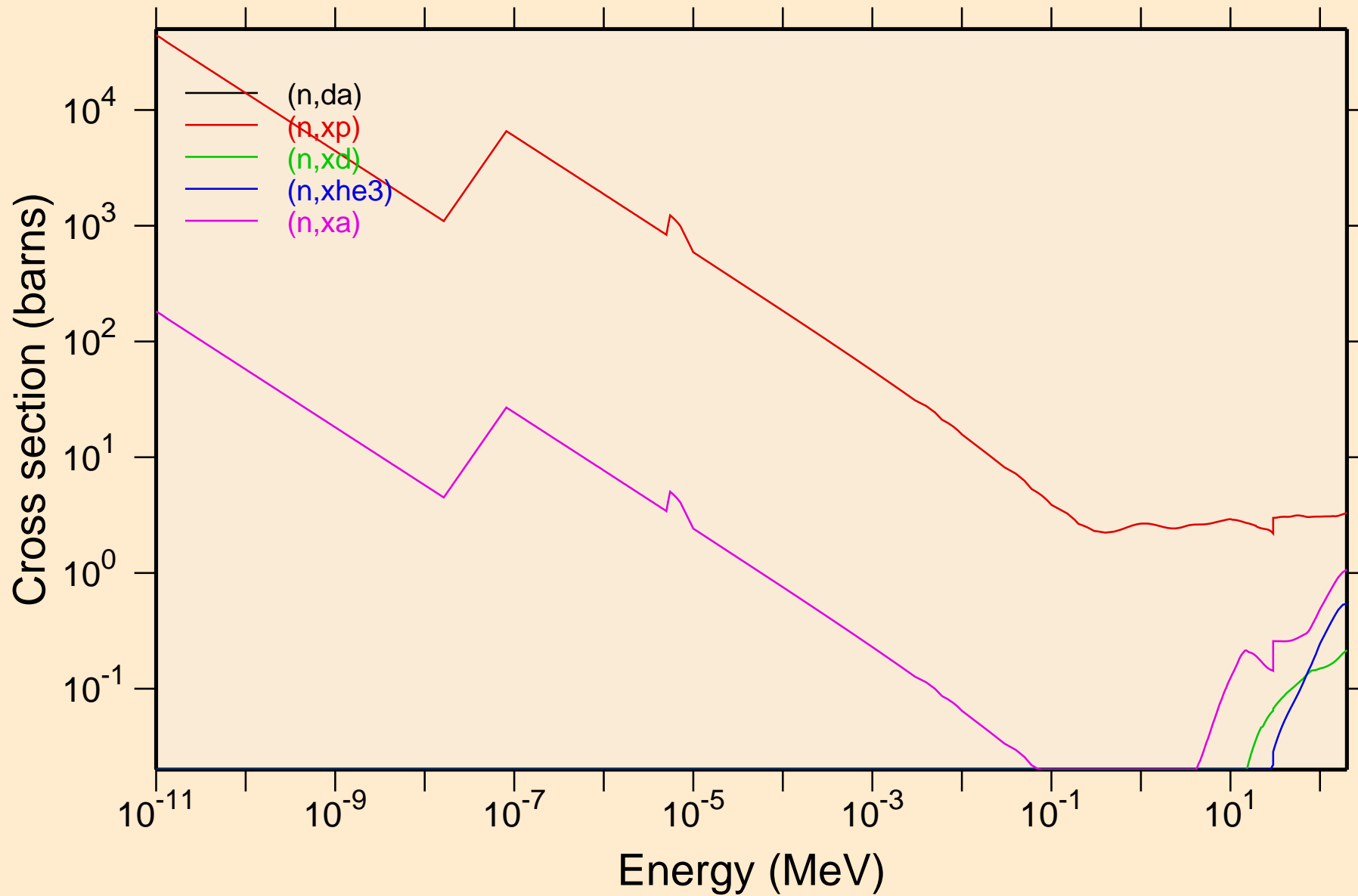
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



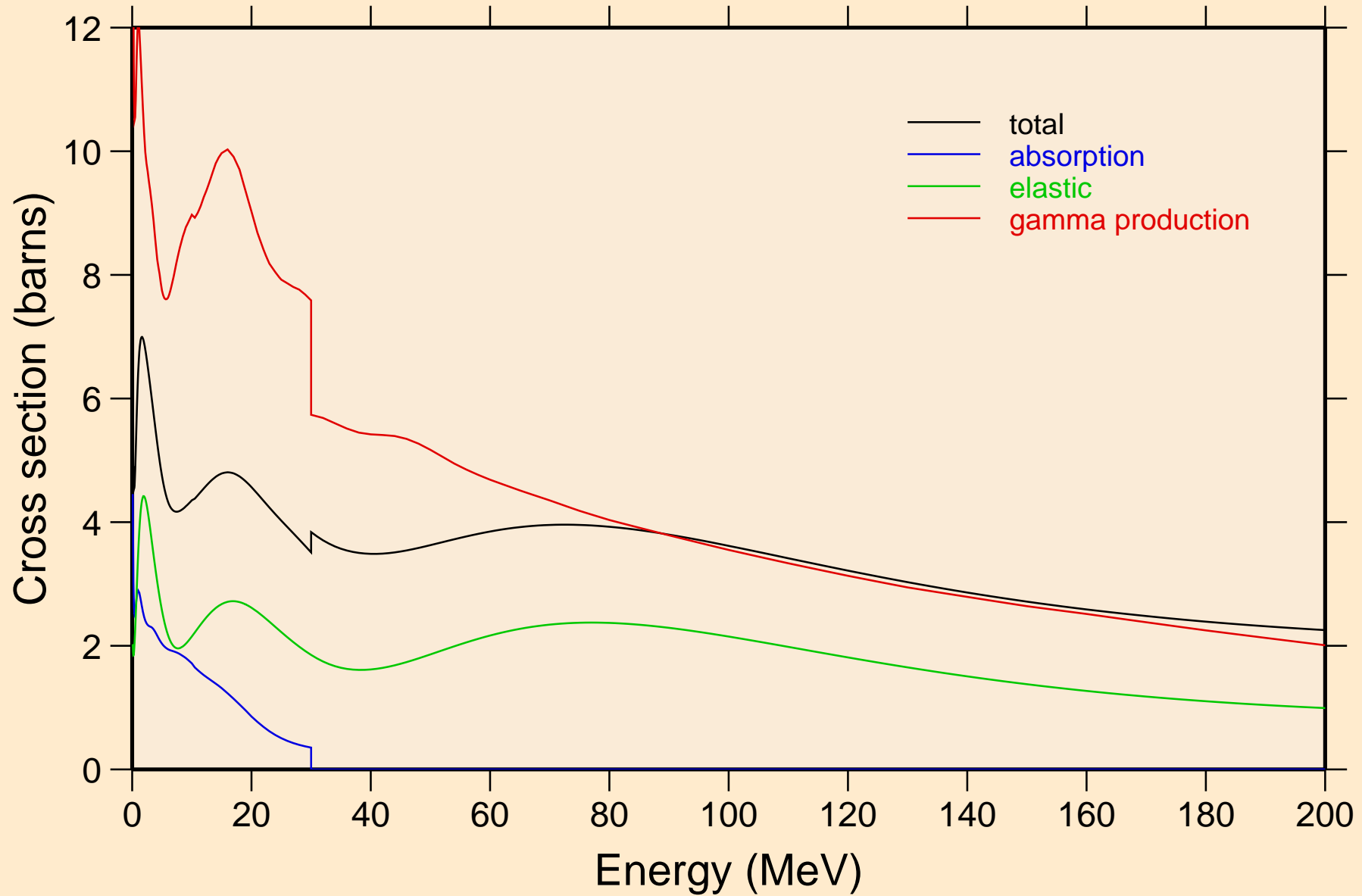
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



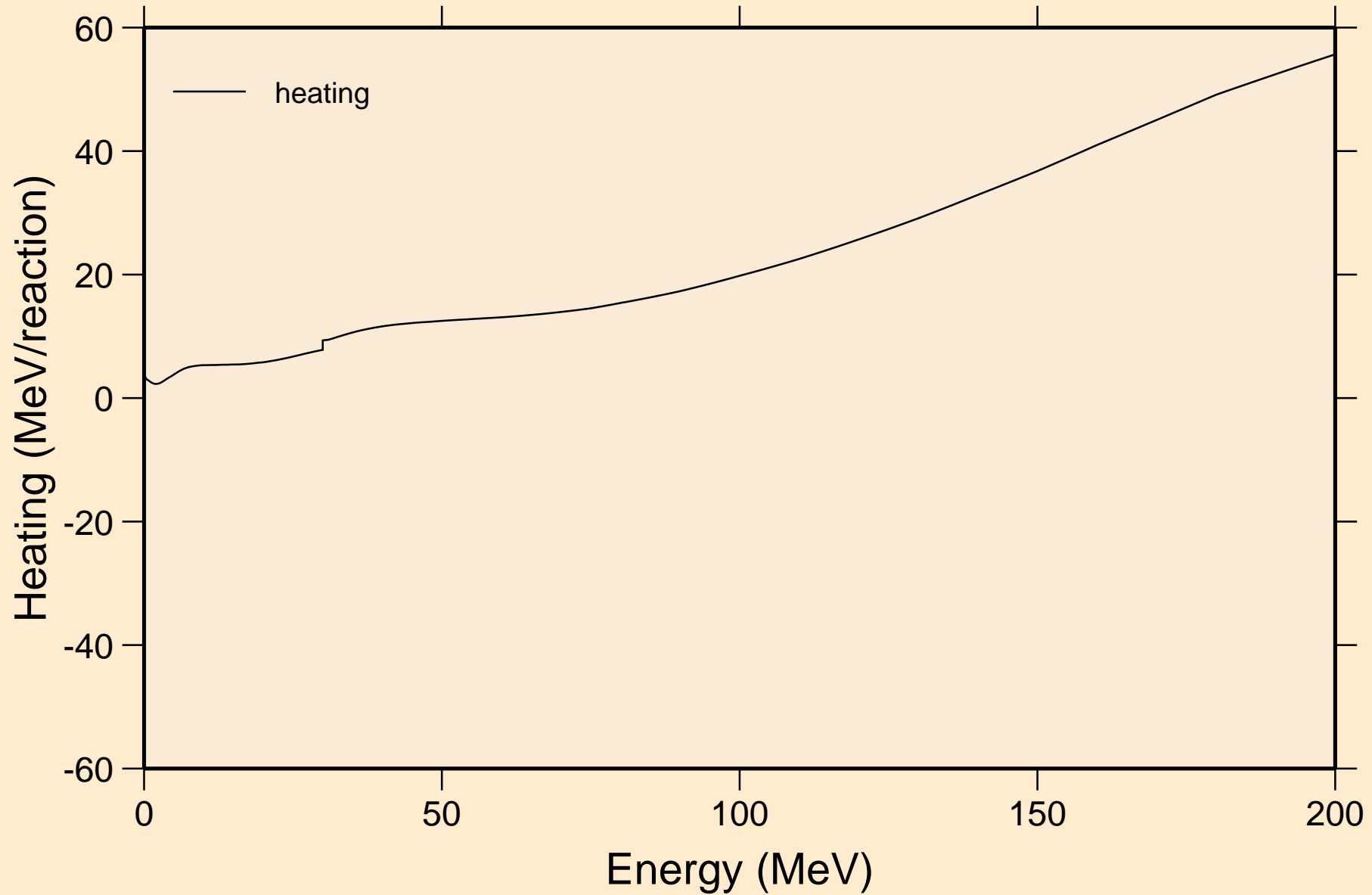
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



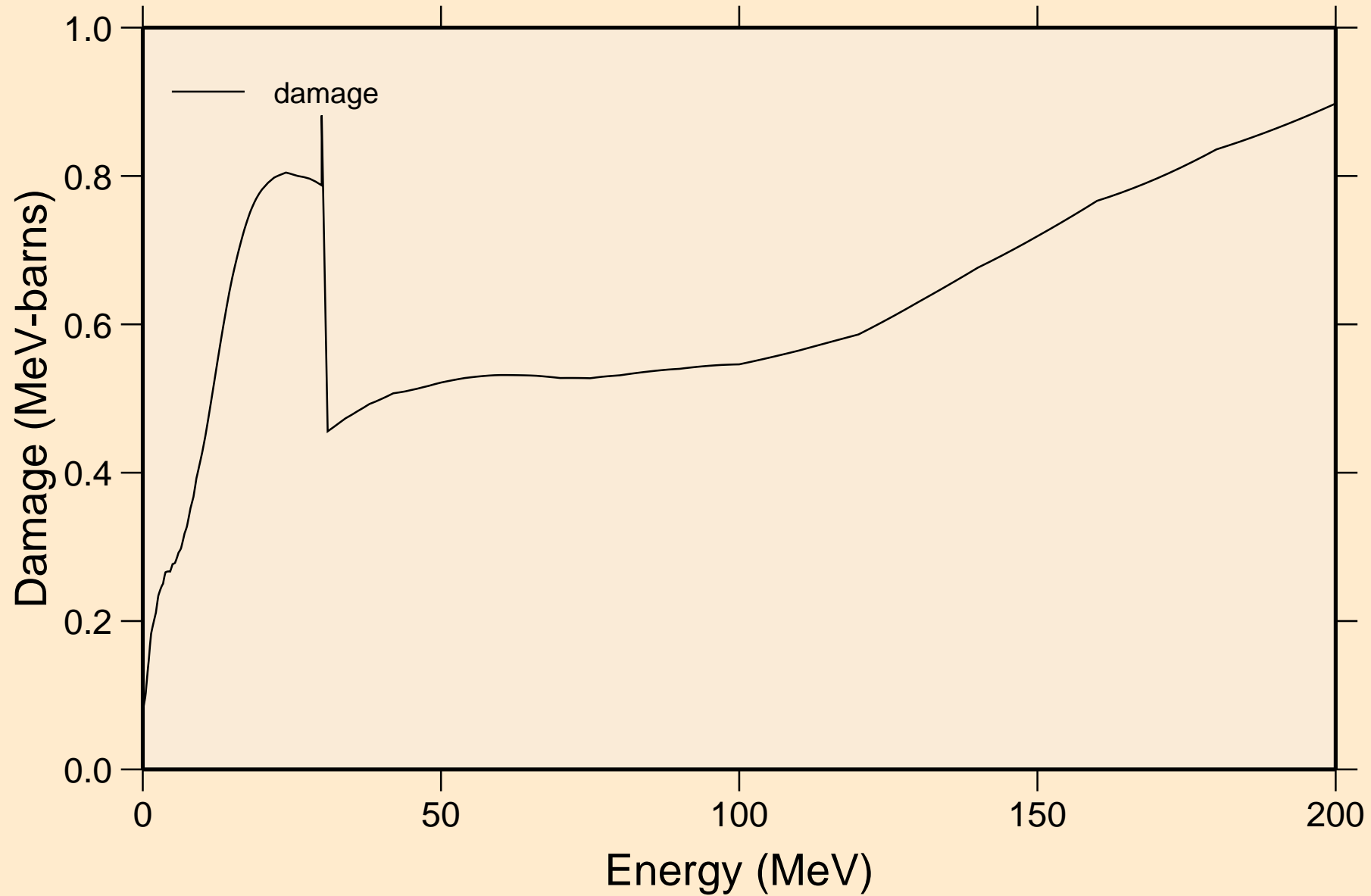
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating



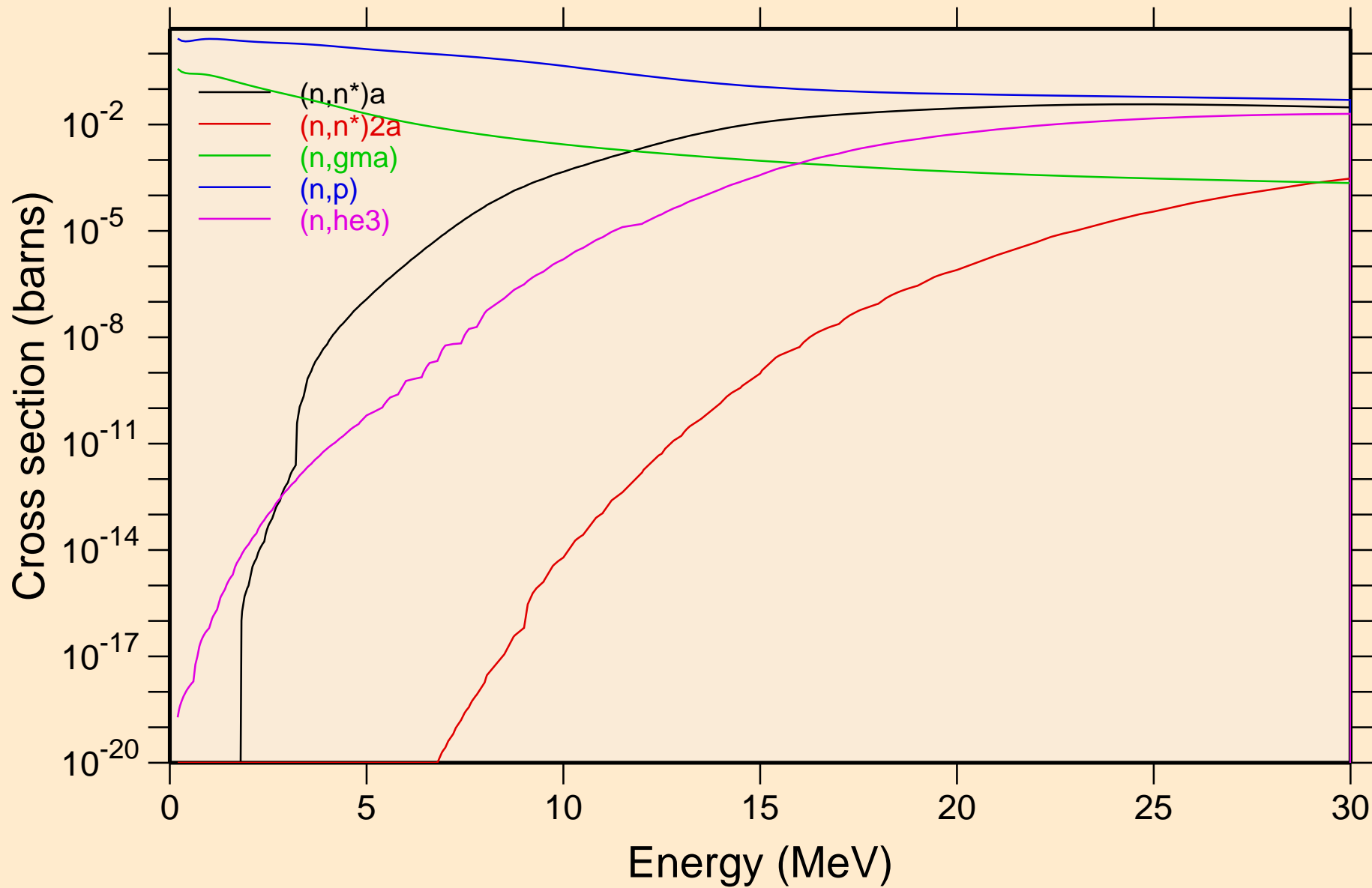
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Damage



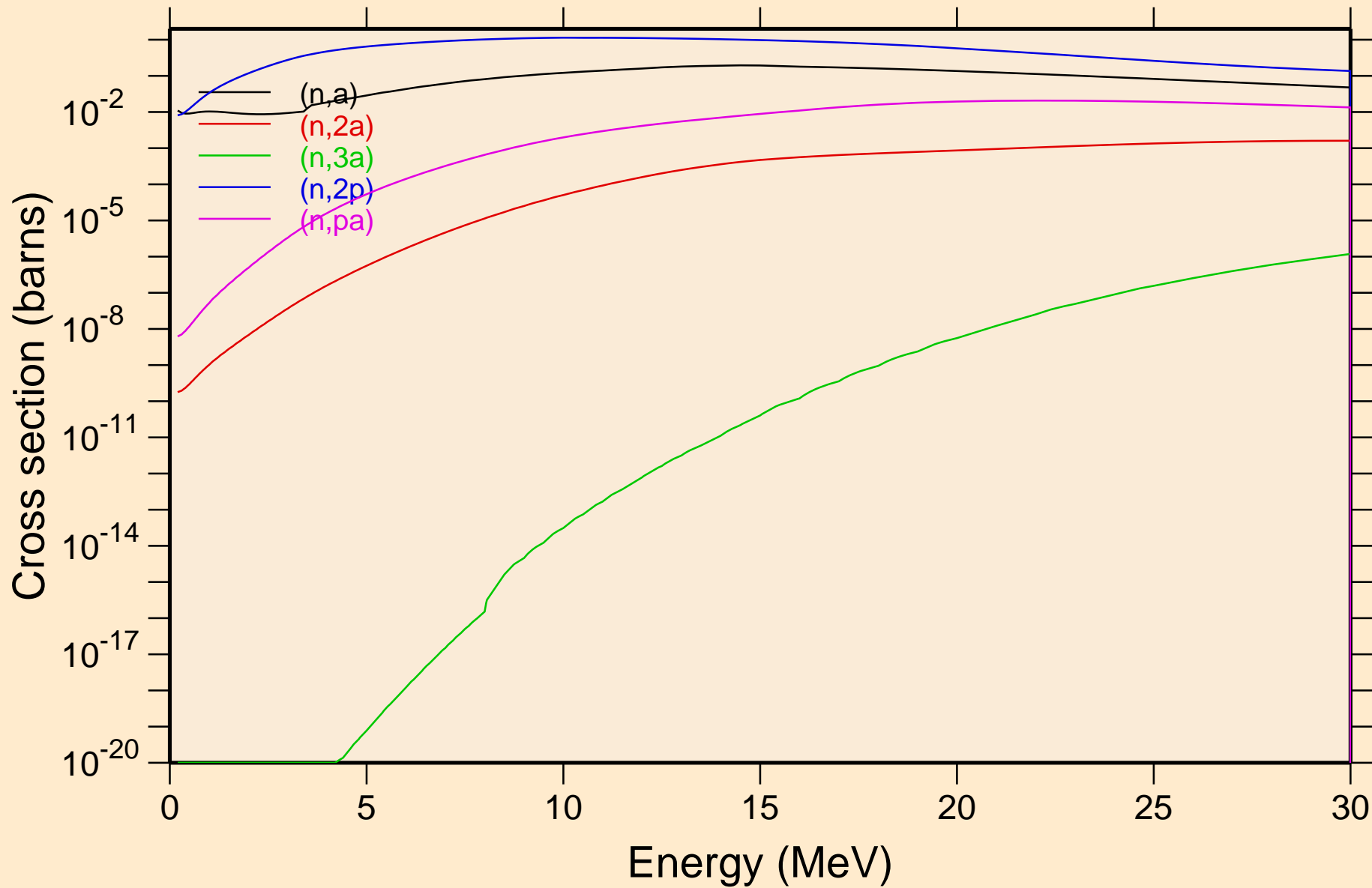
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions



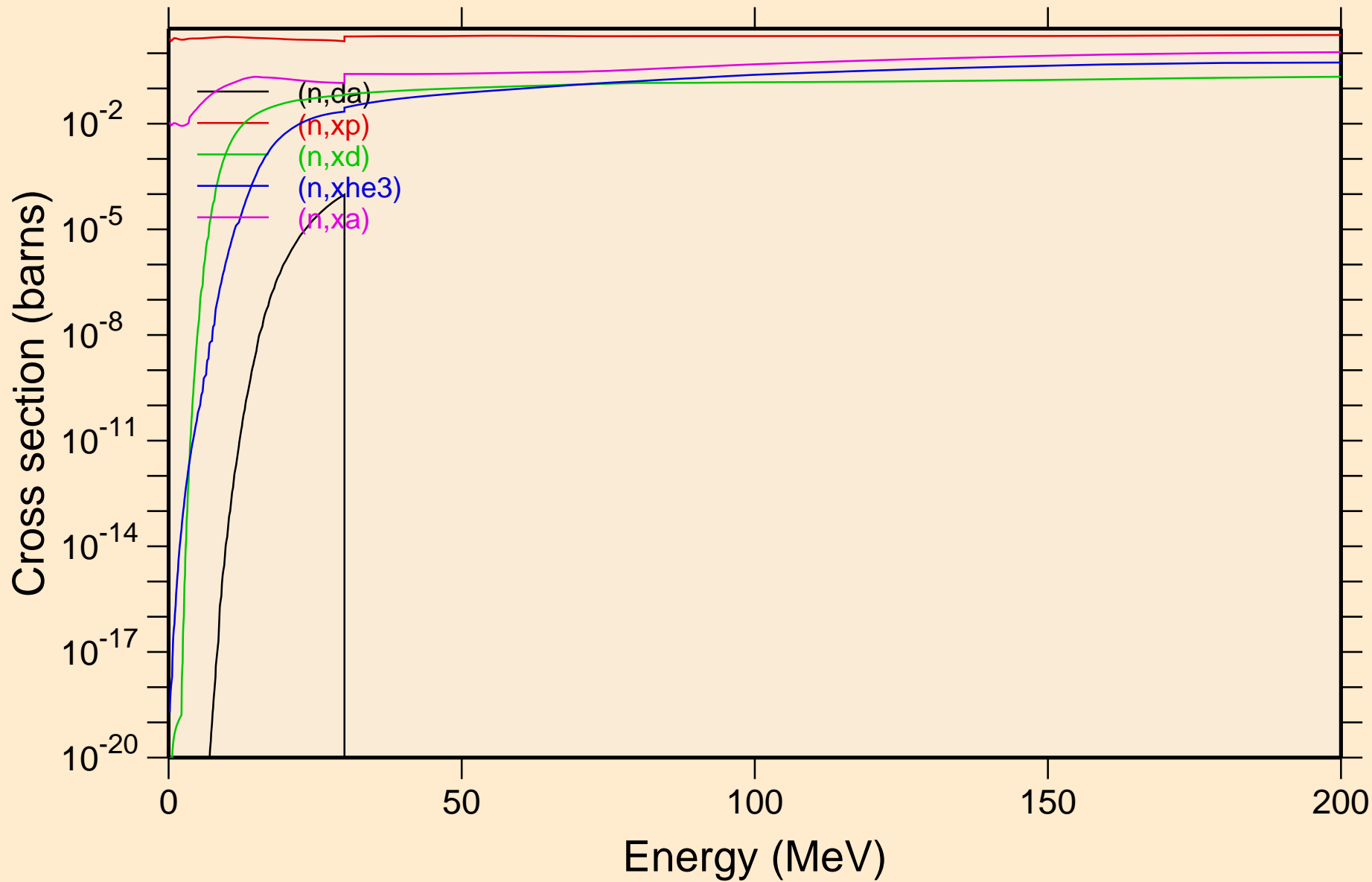
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

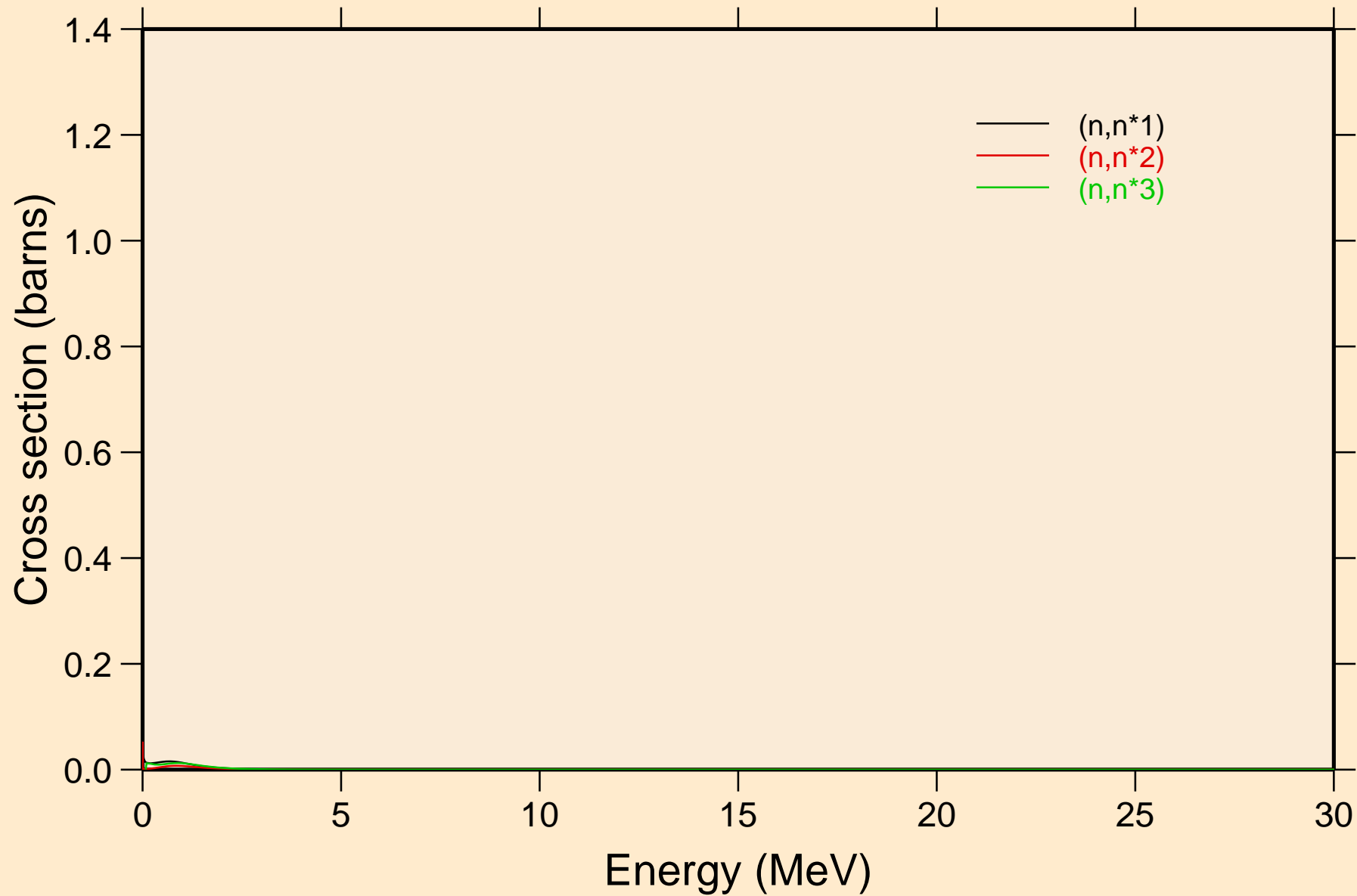


GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Non-threshold reactions

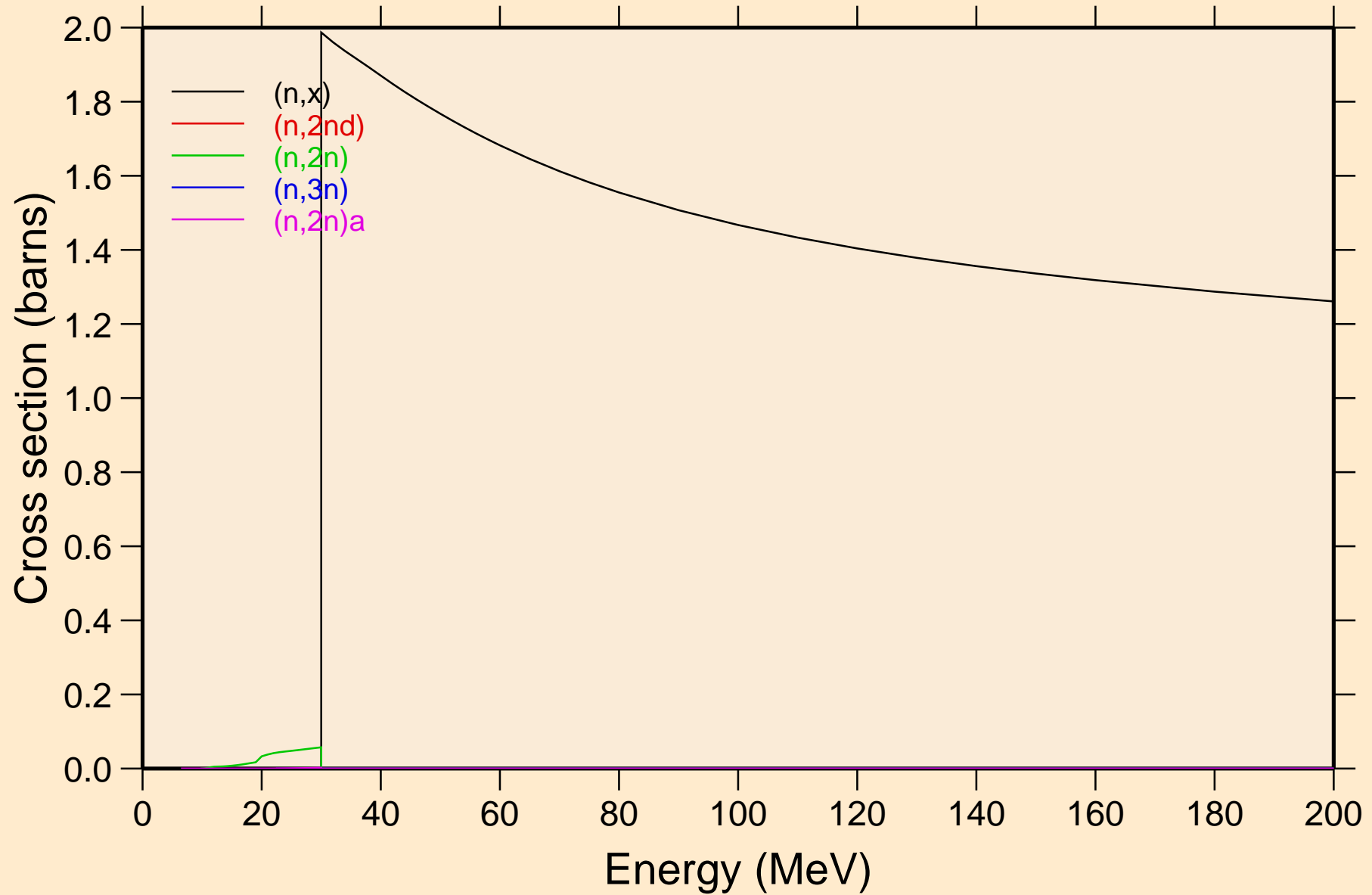


GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels

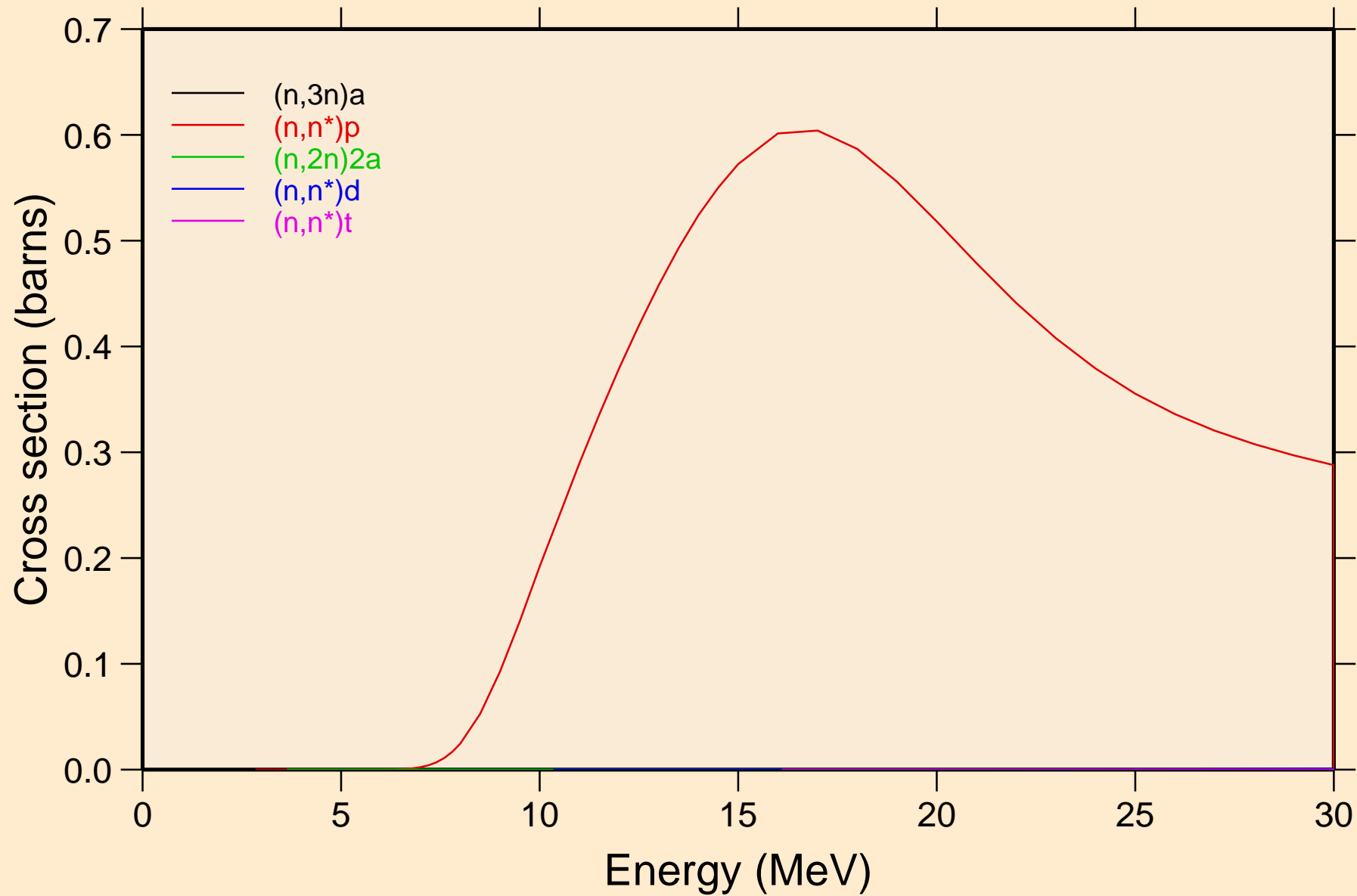


GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

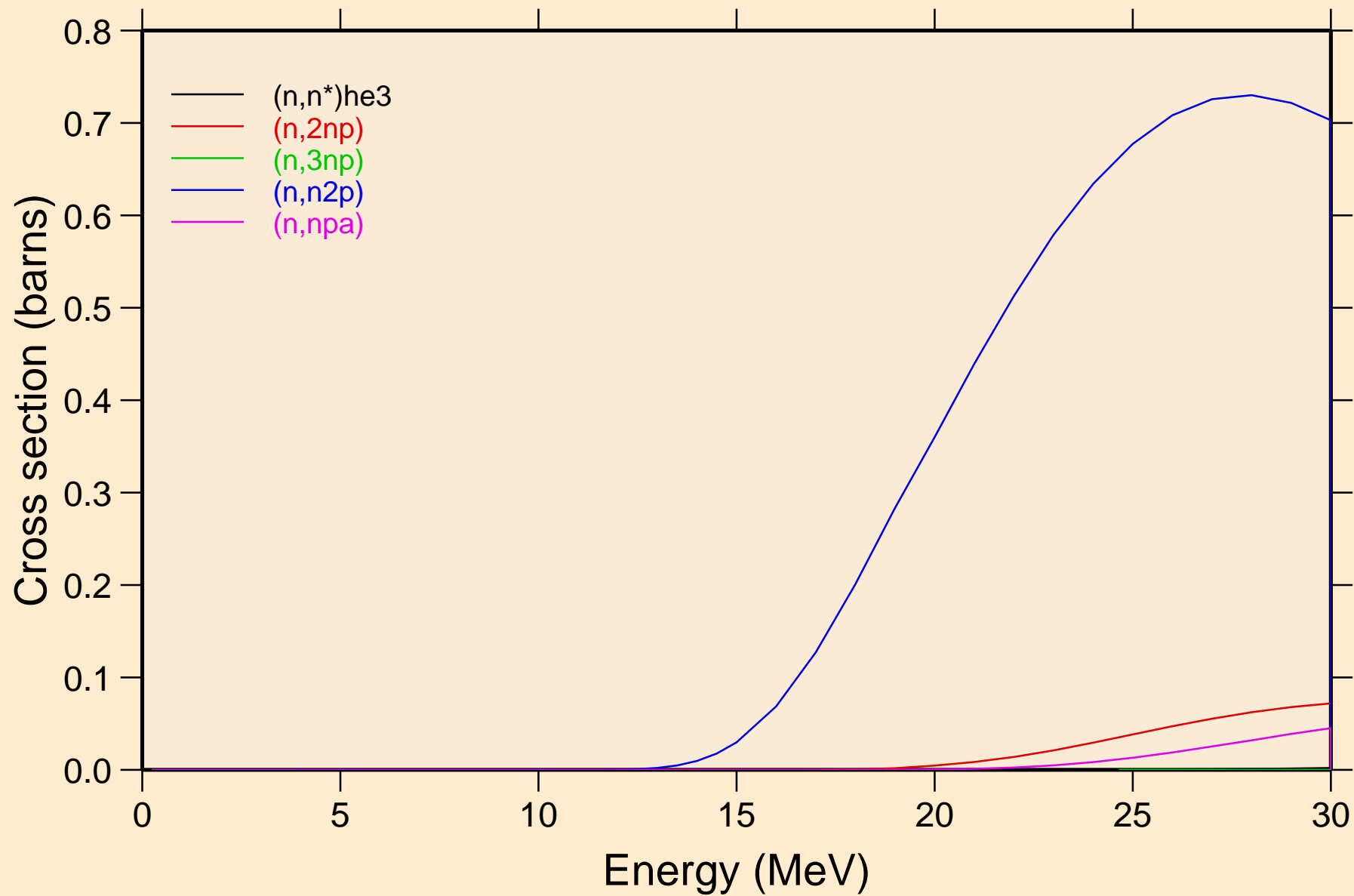


GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



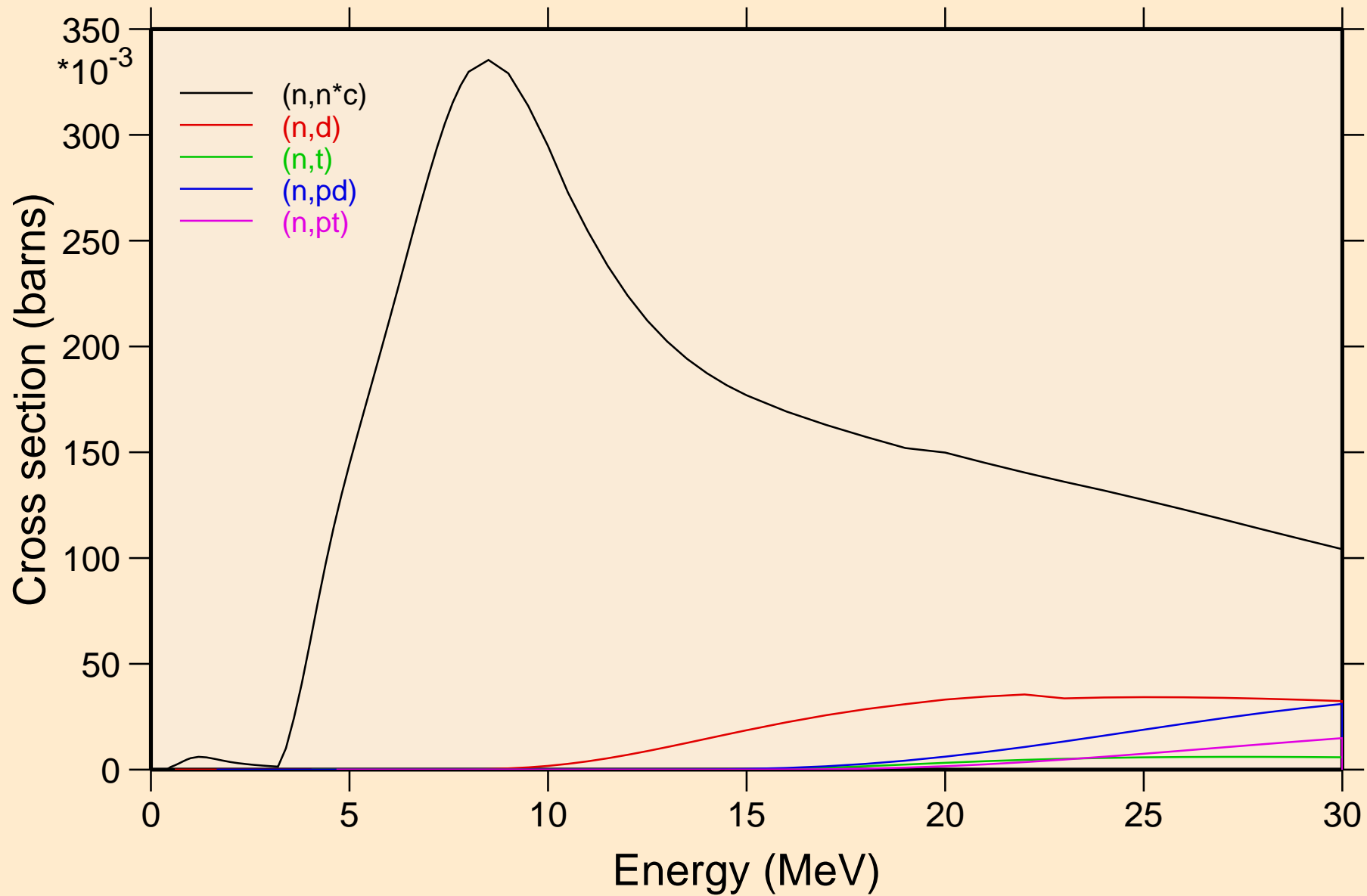
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

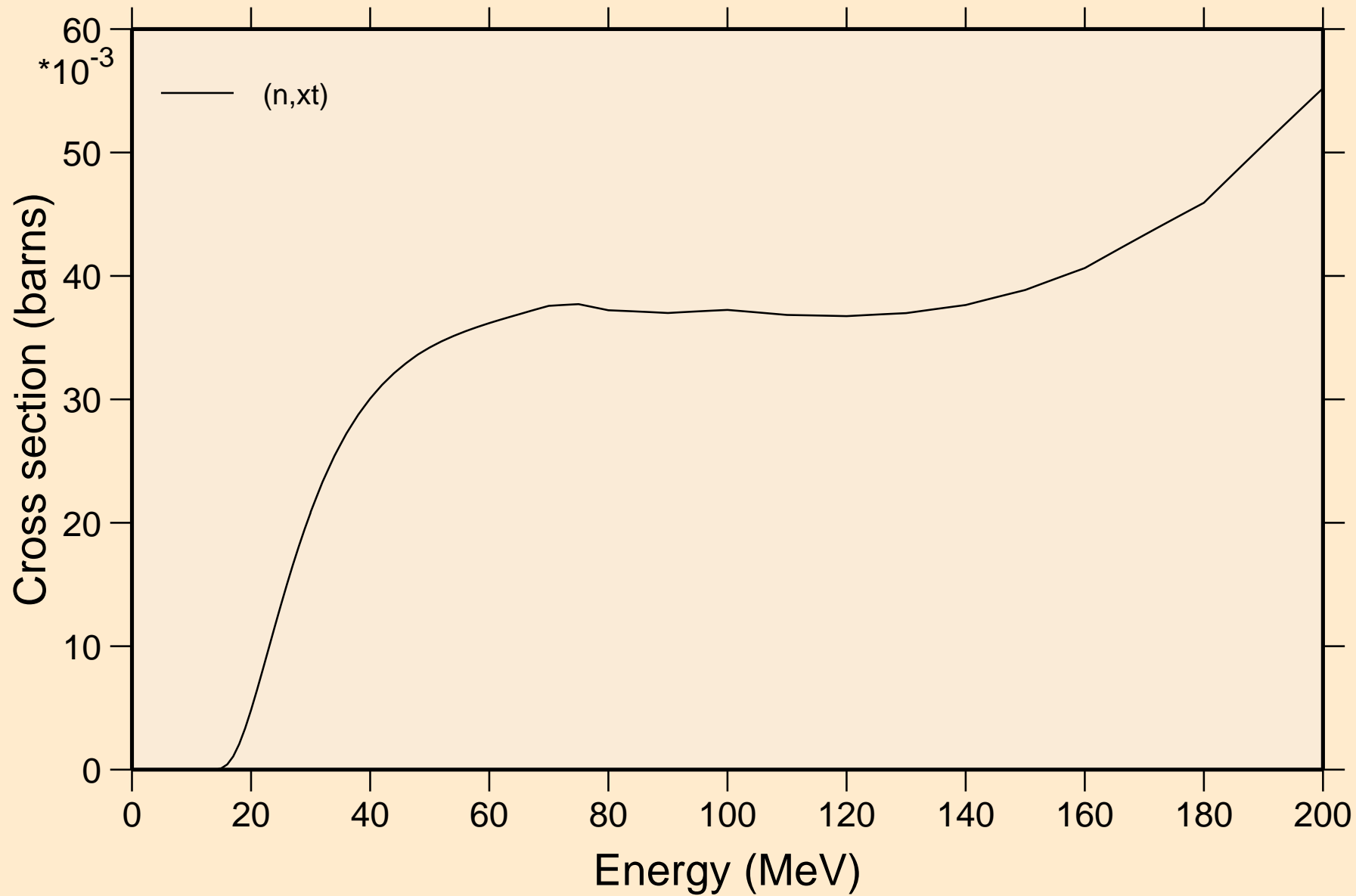


GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

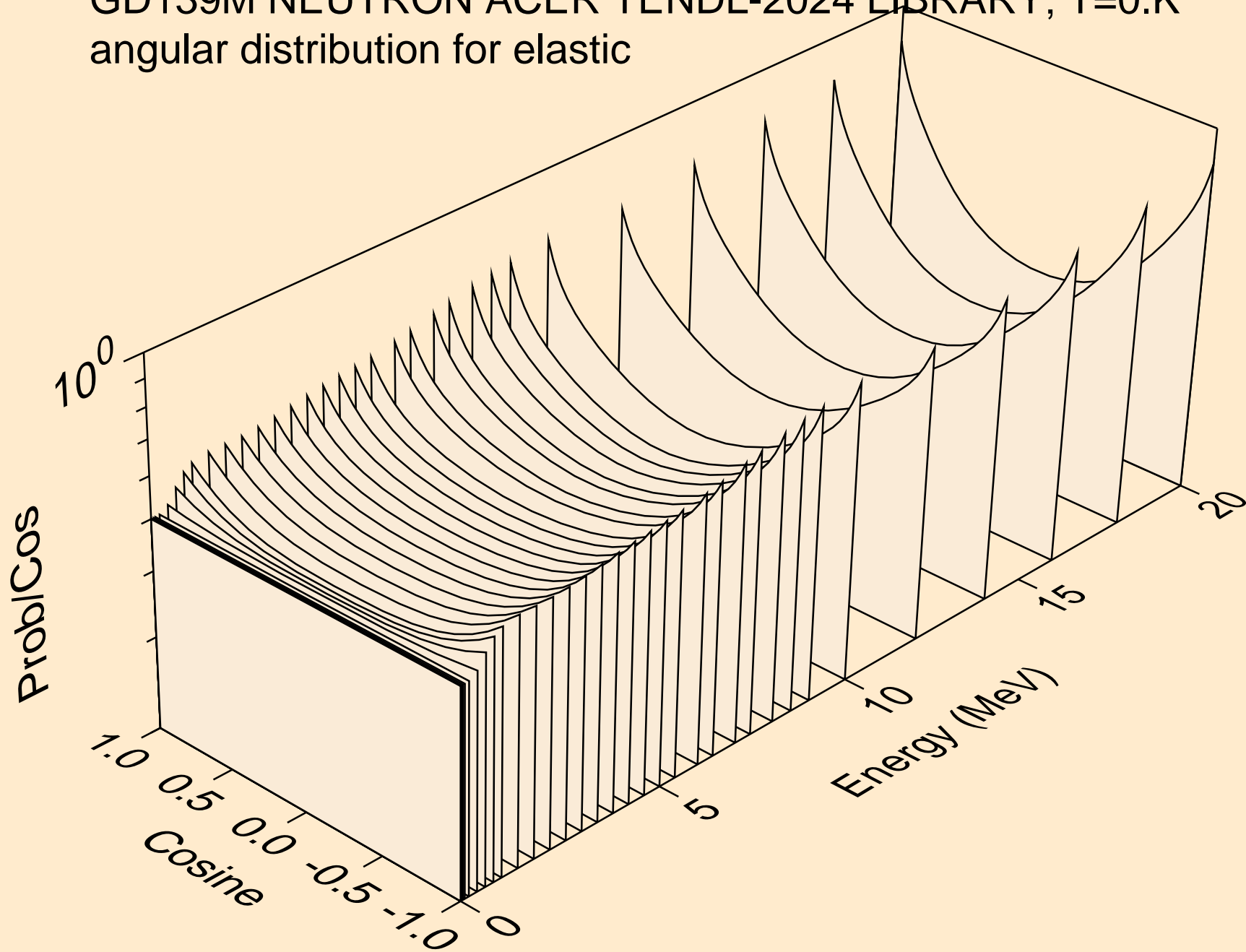
Threshold reactions



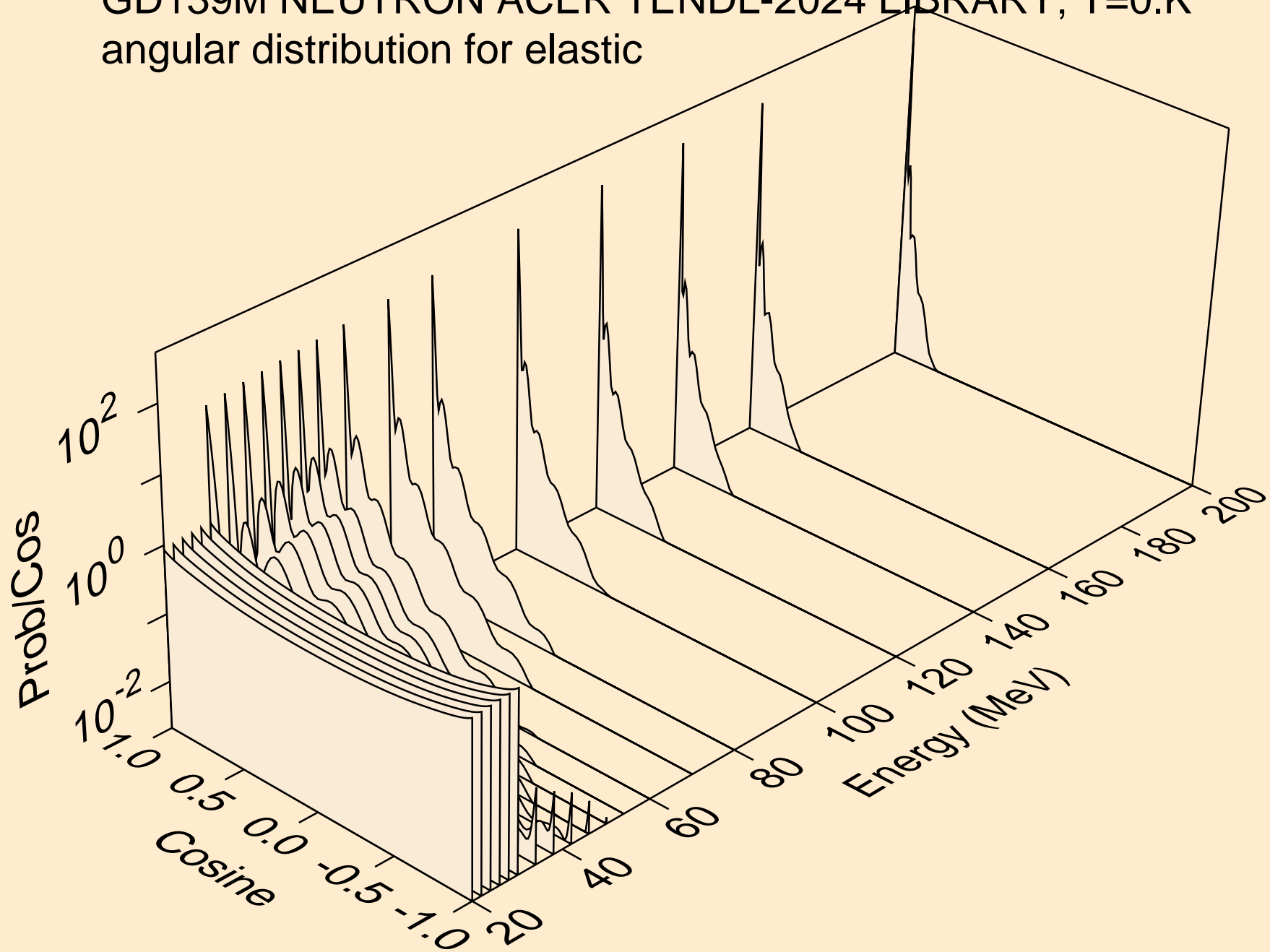
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



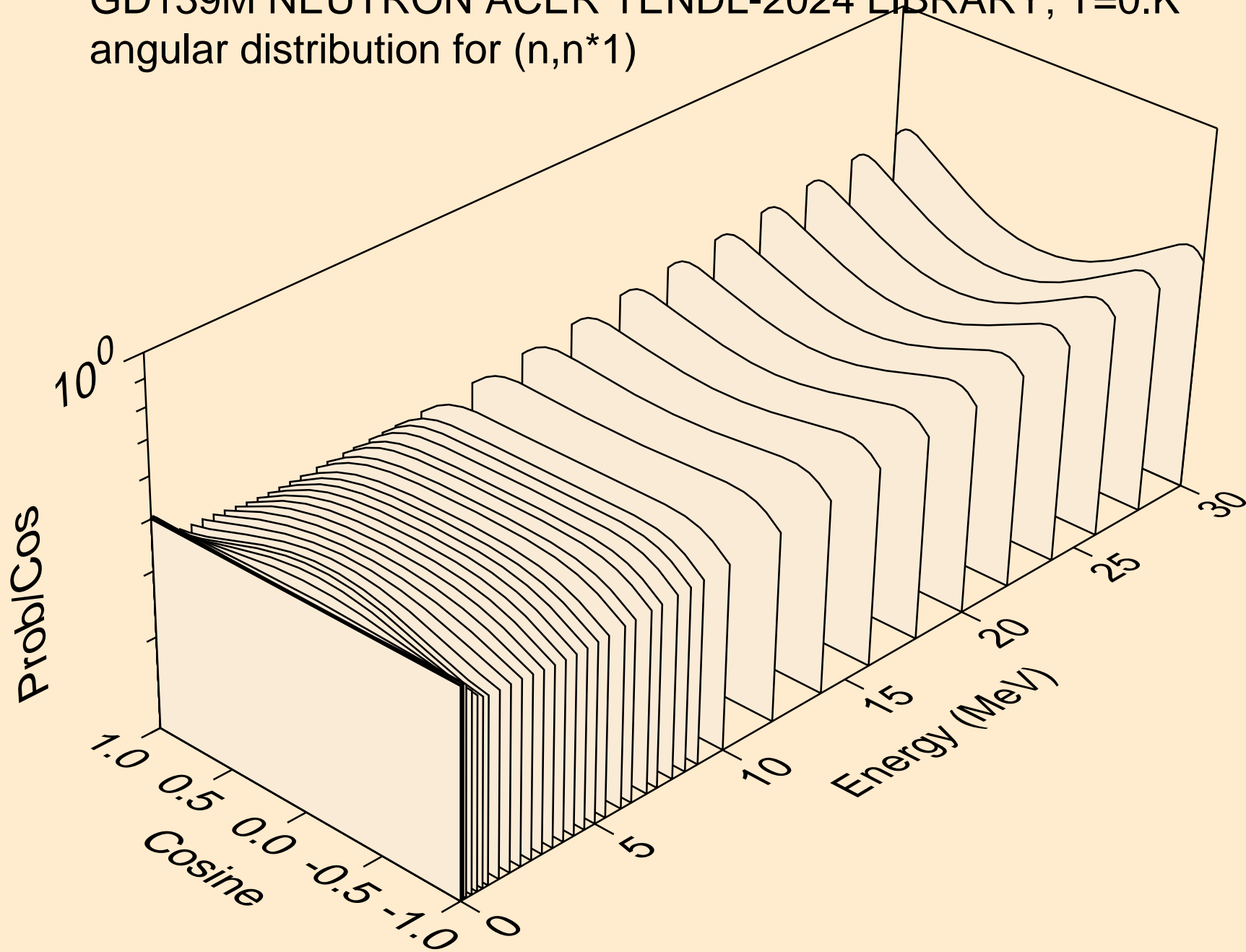
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



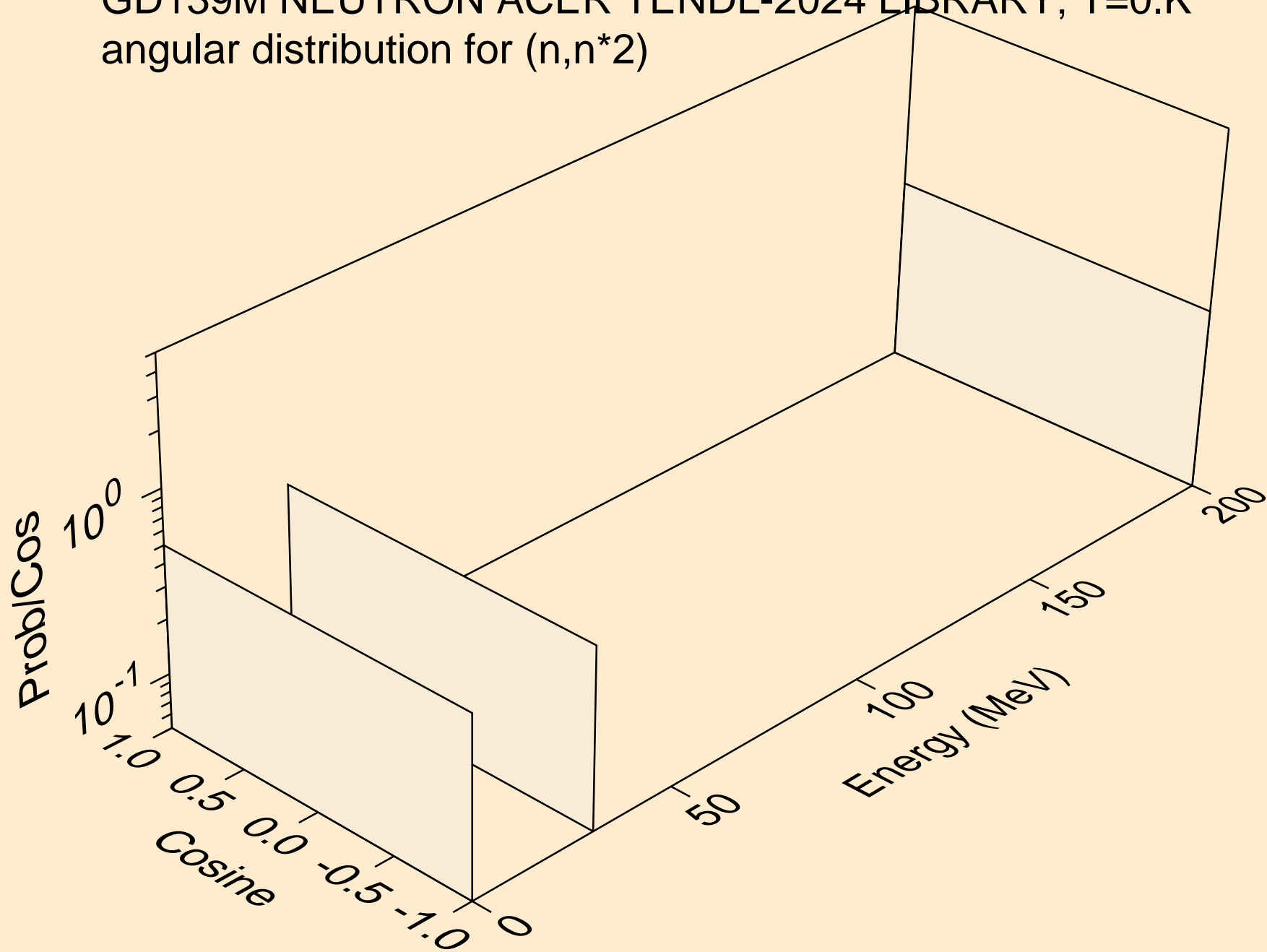
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



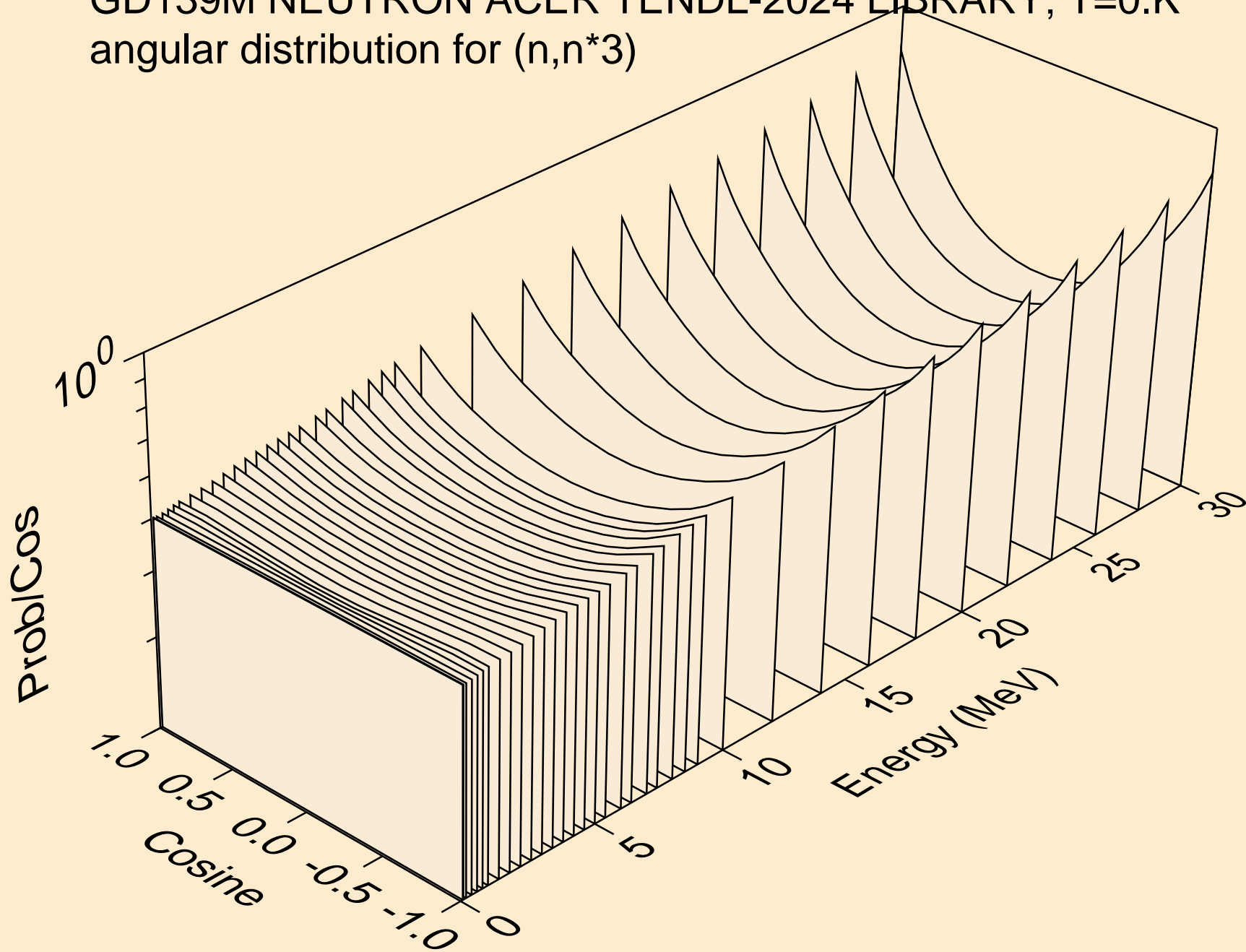
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



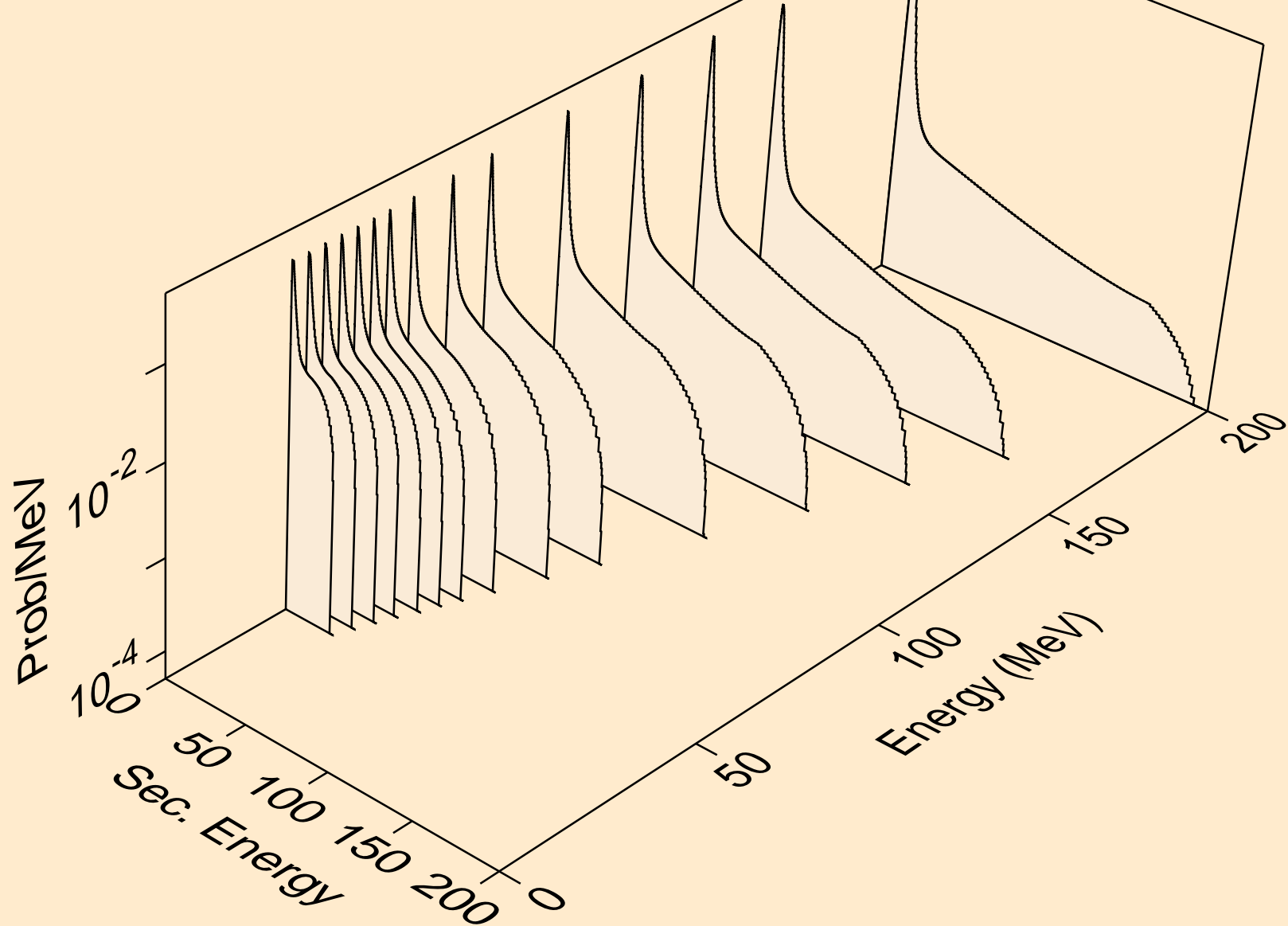
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



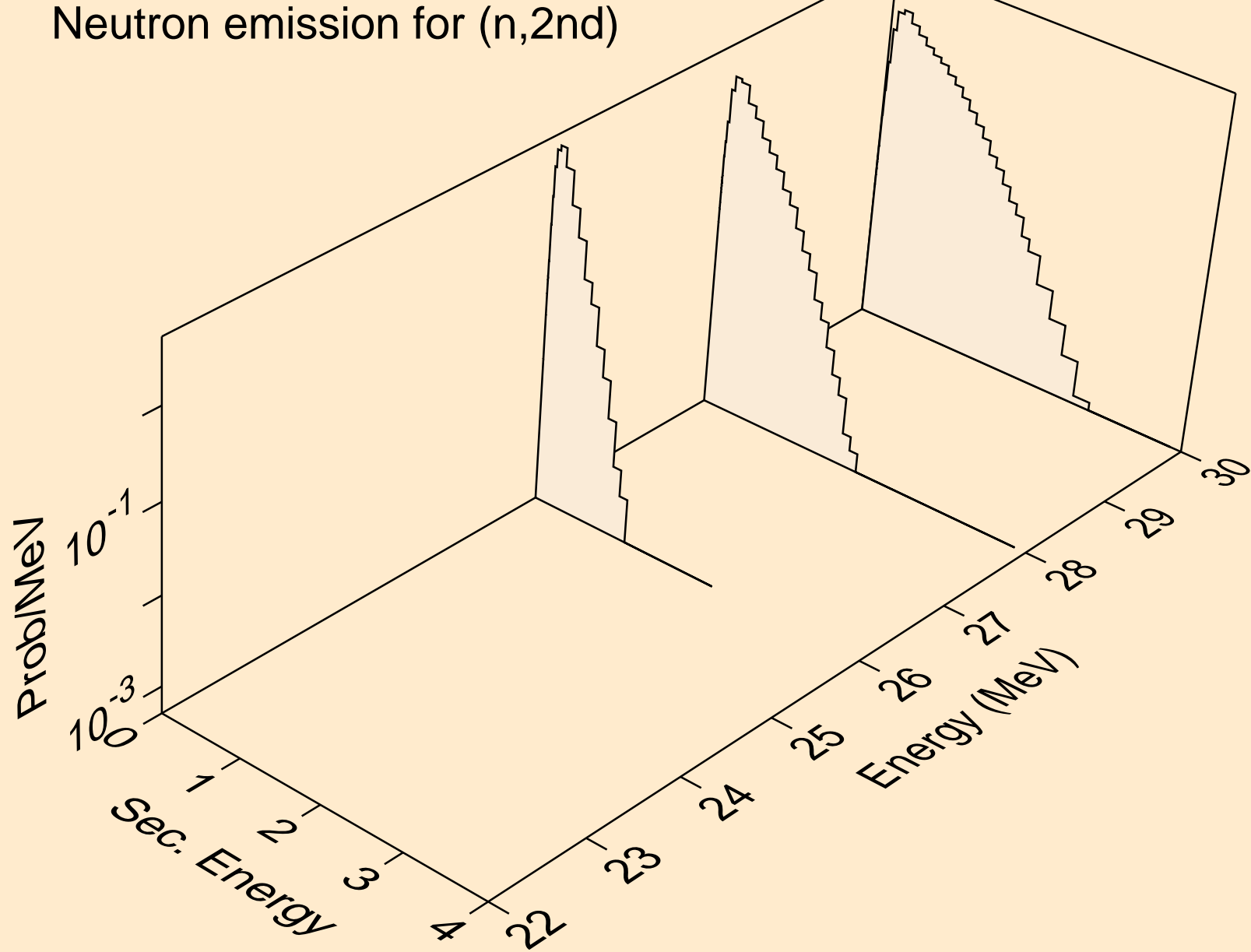
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



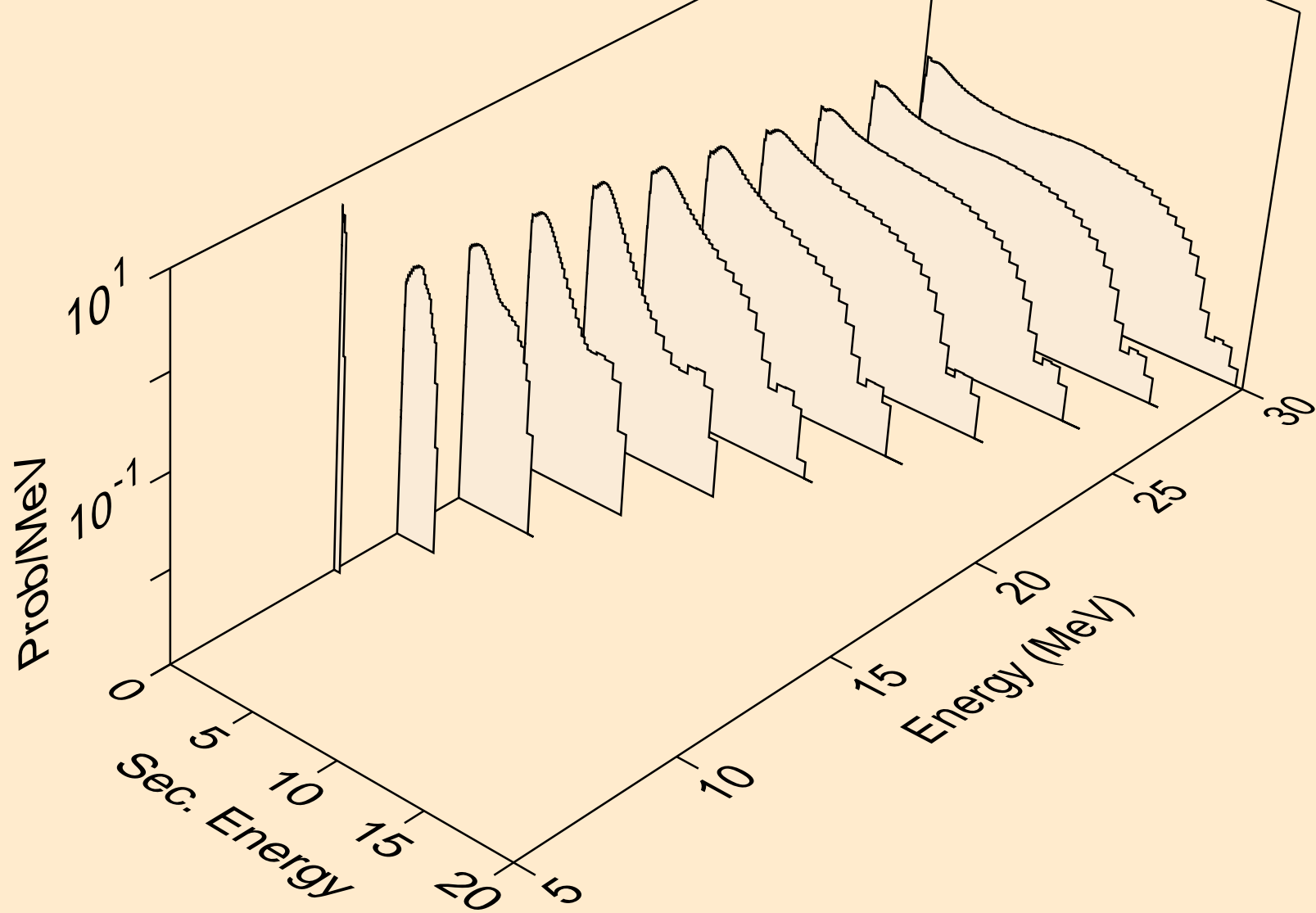
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



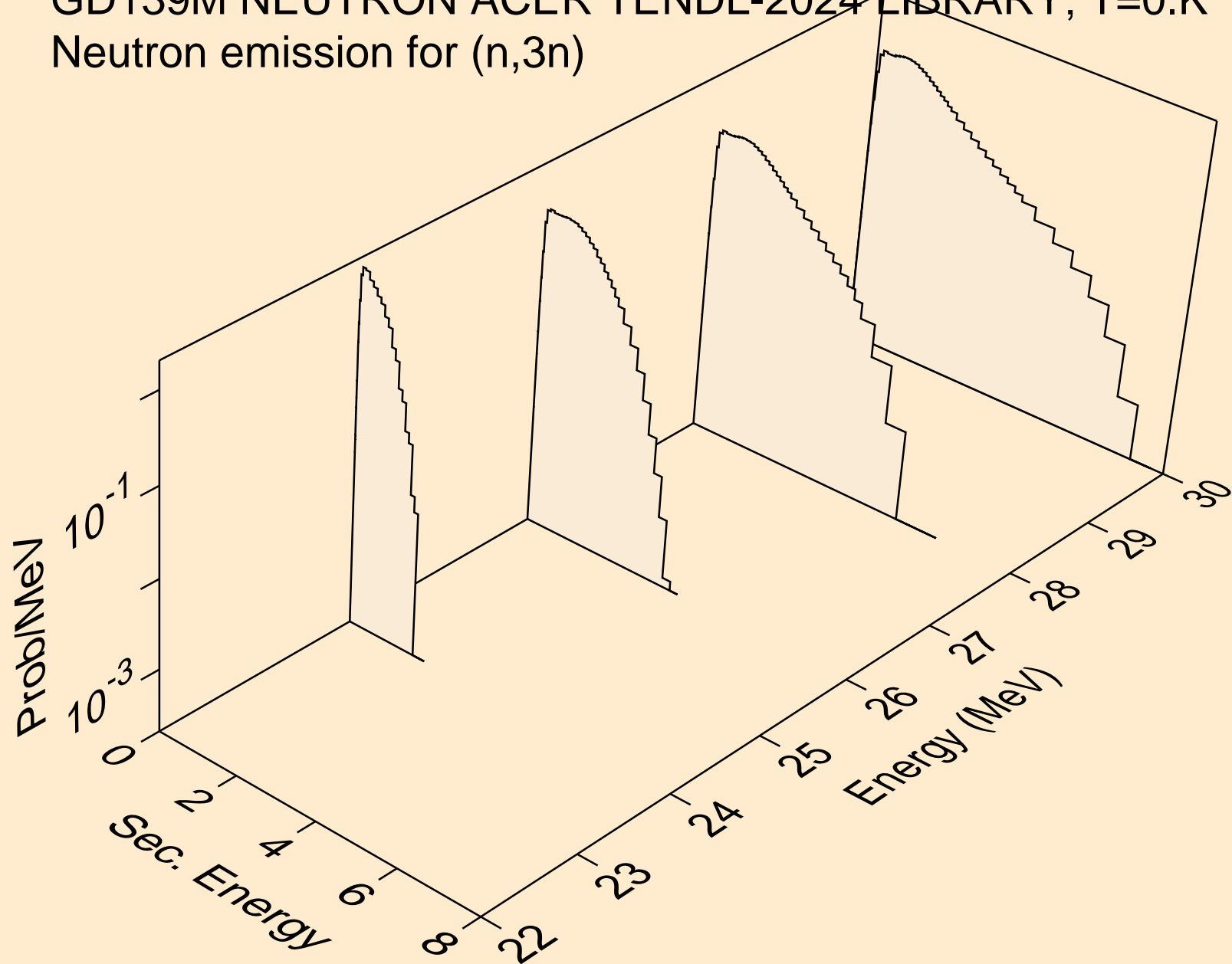
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



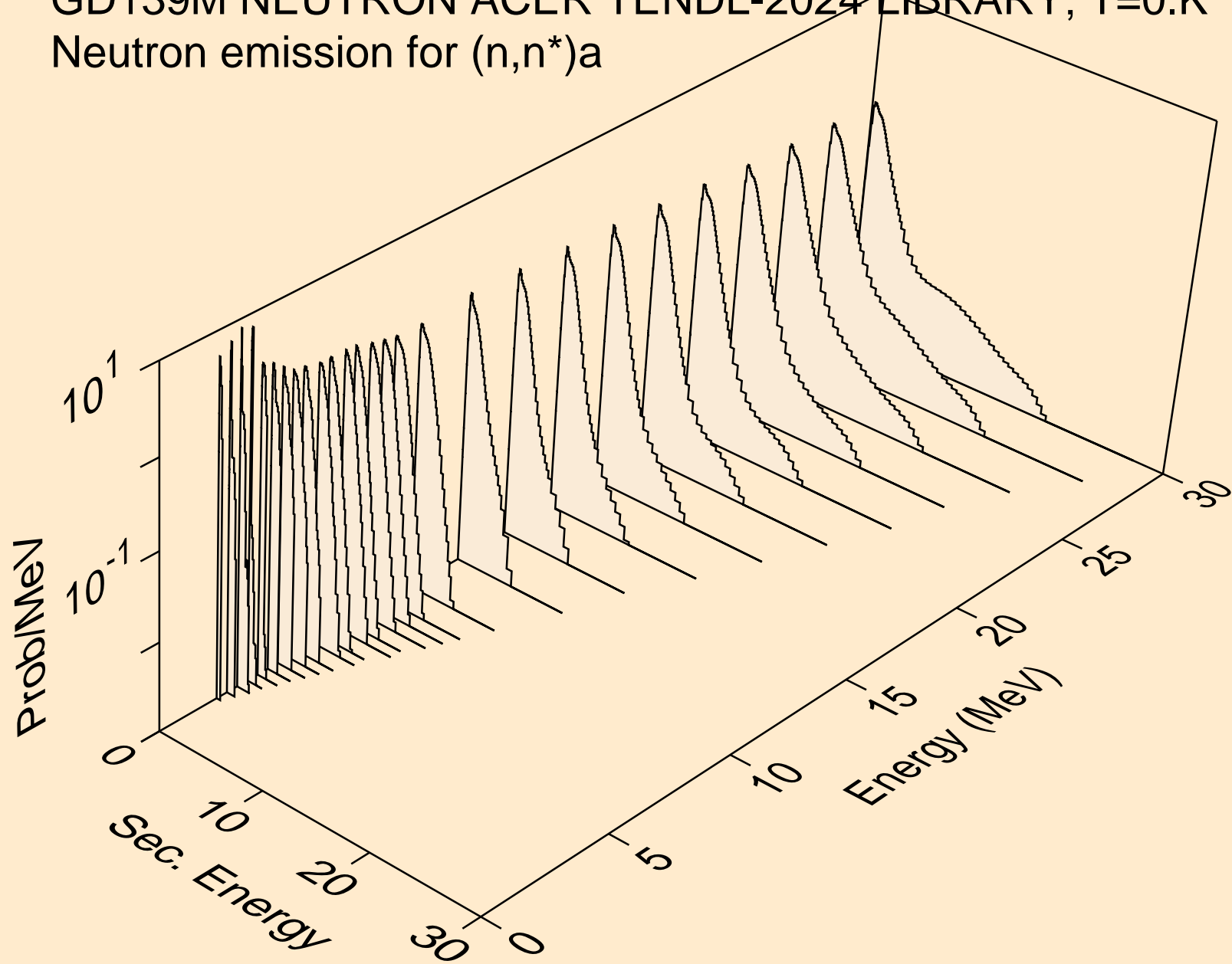
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



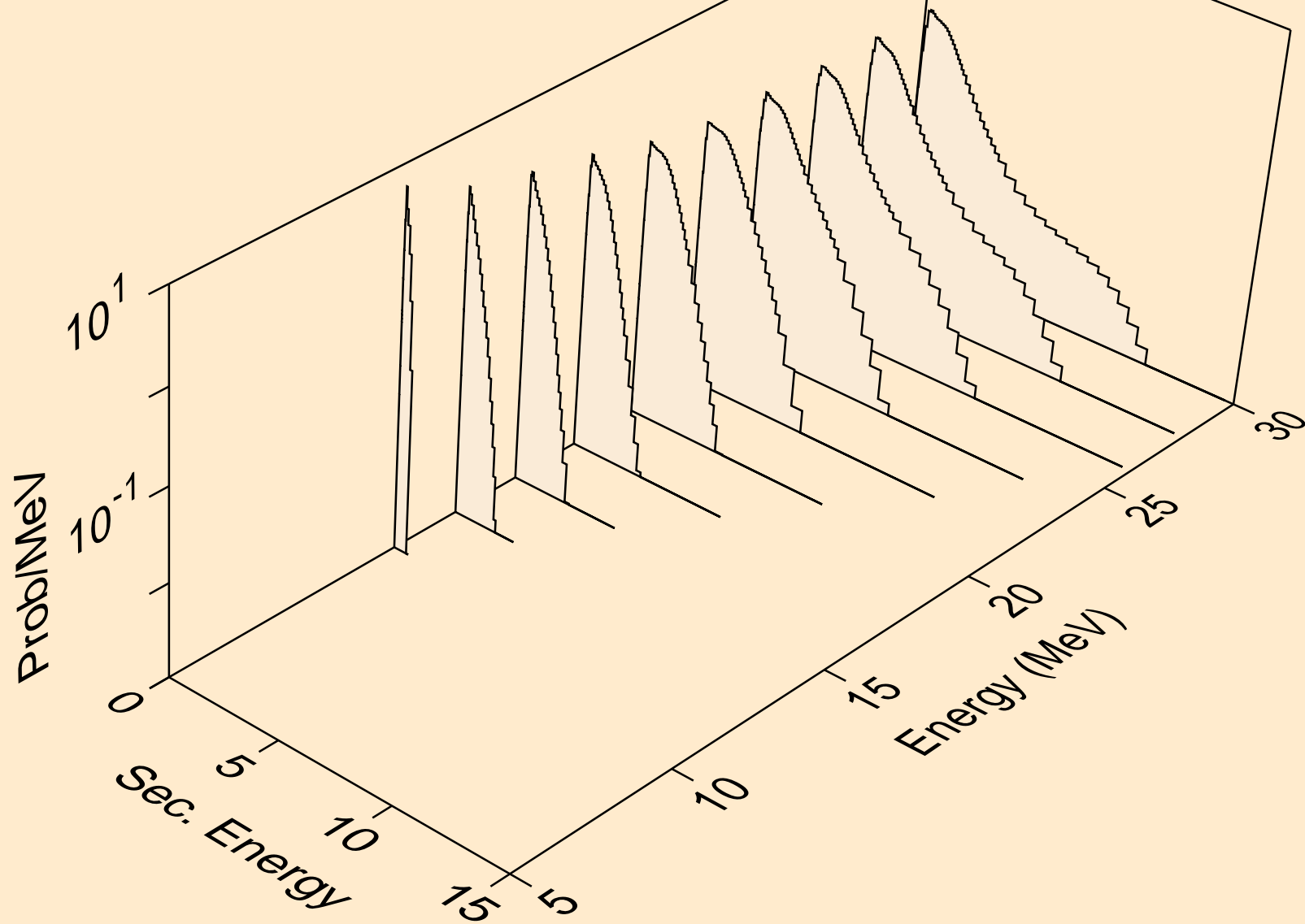
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



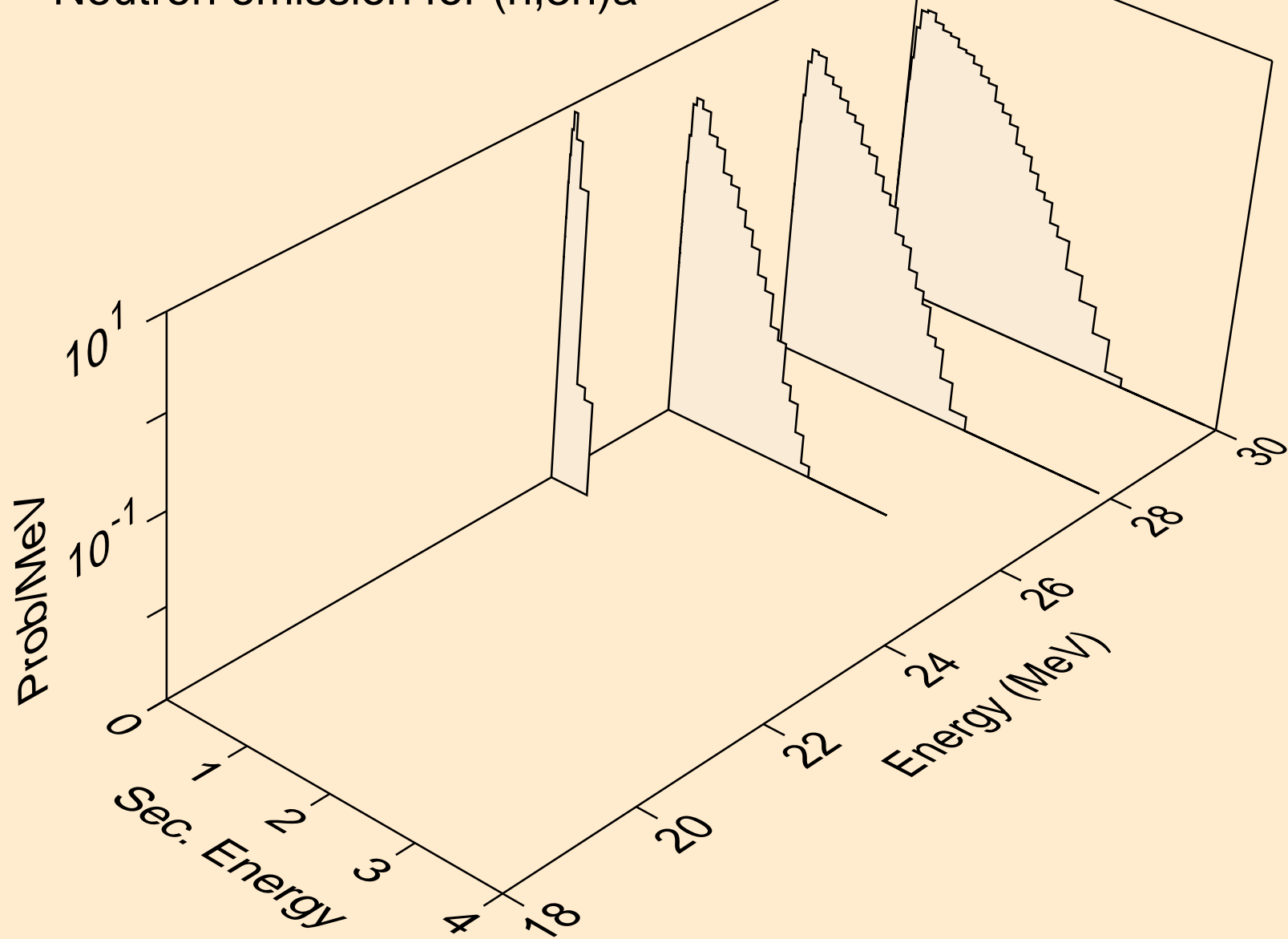
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



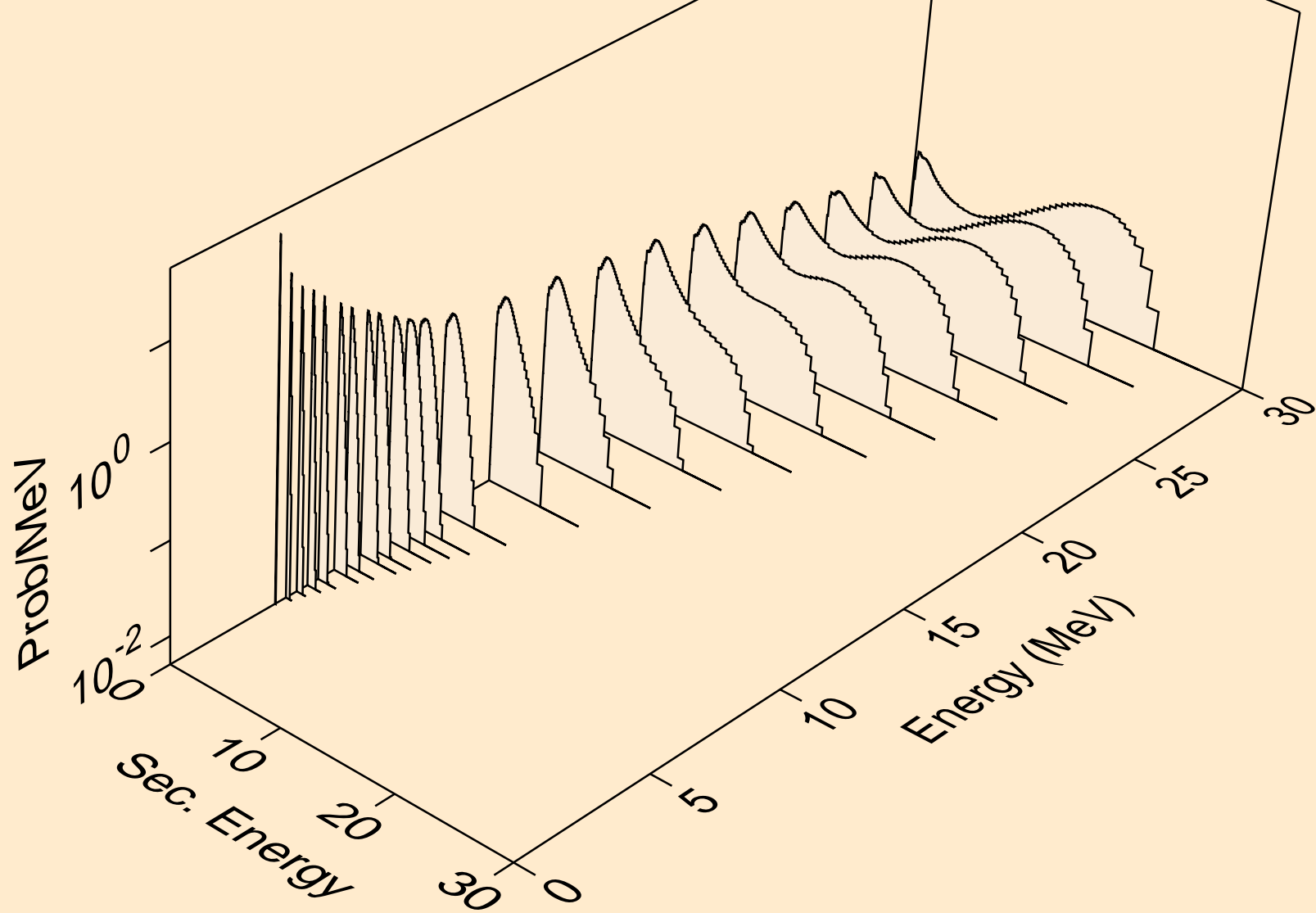
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)a



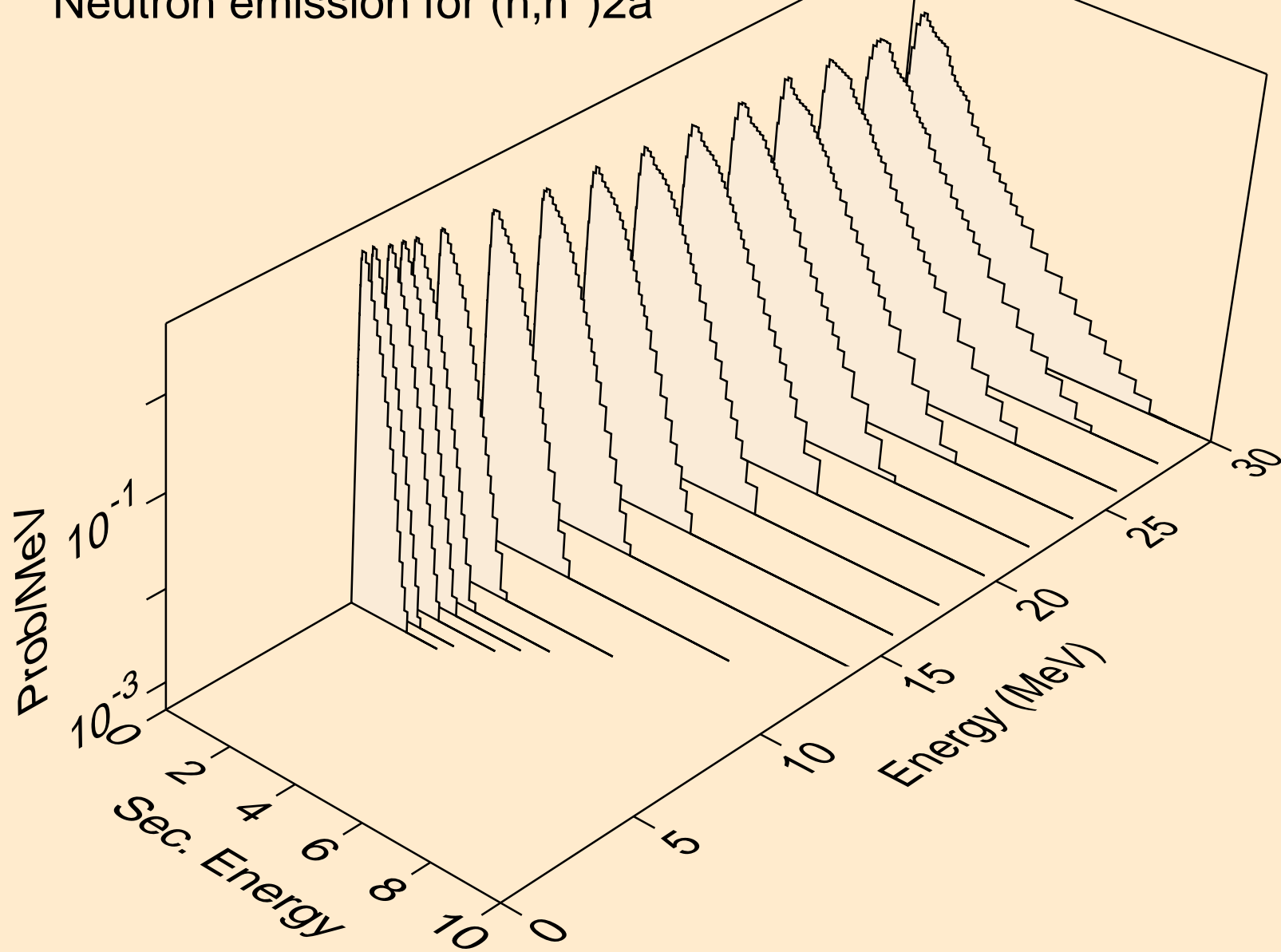
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



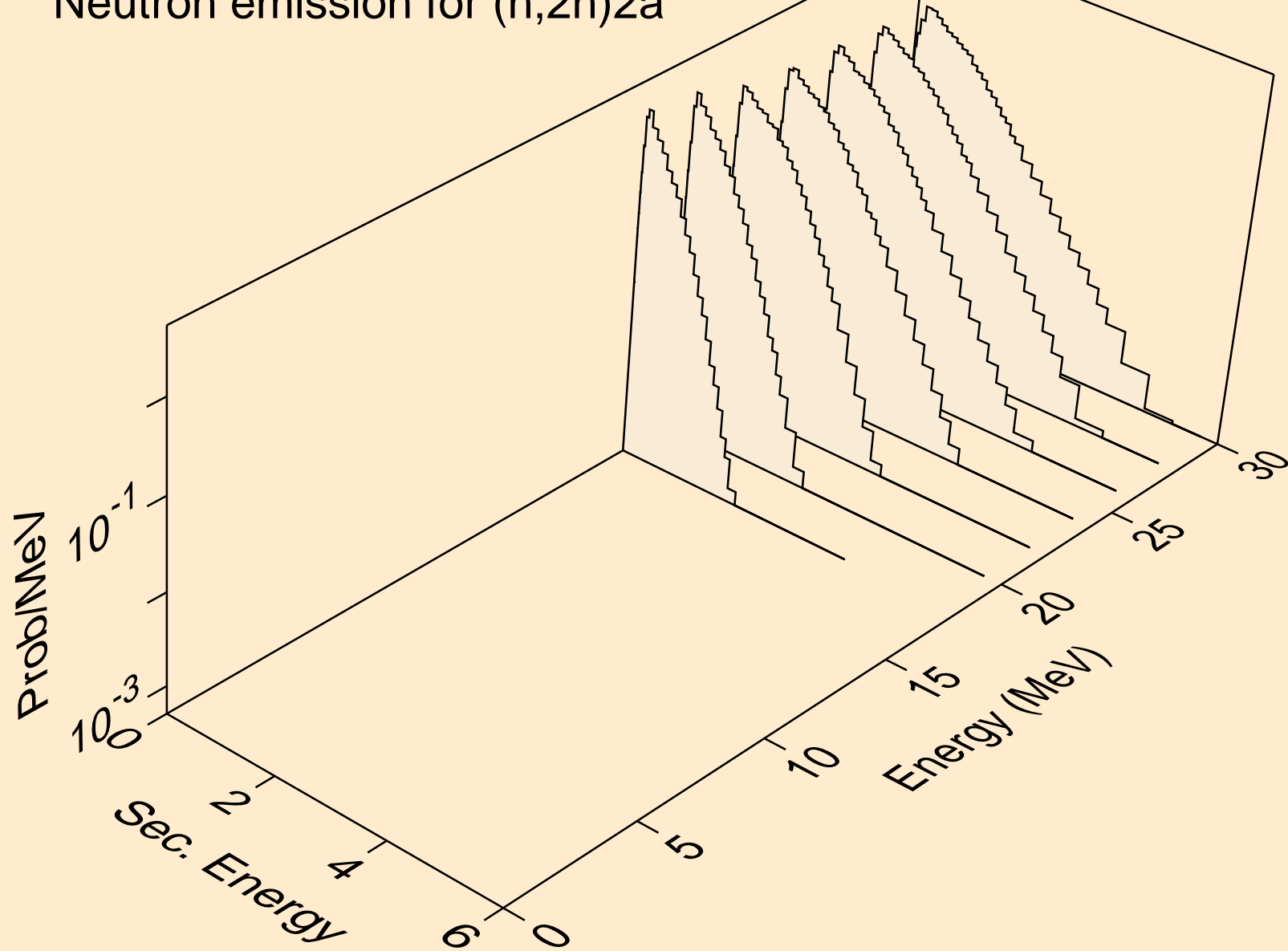
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



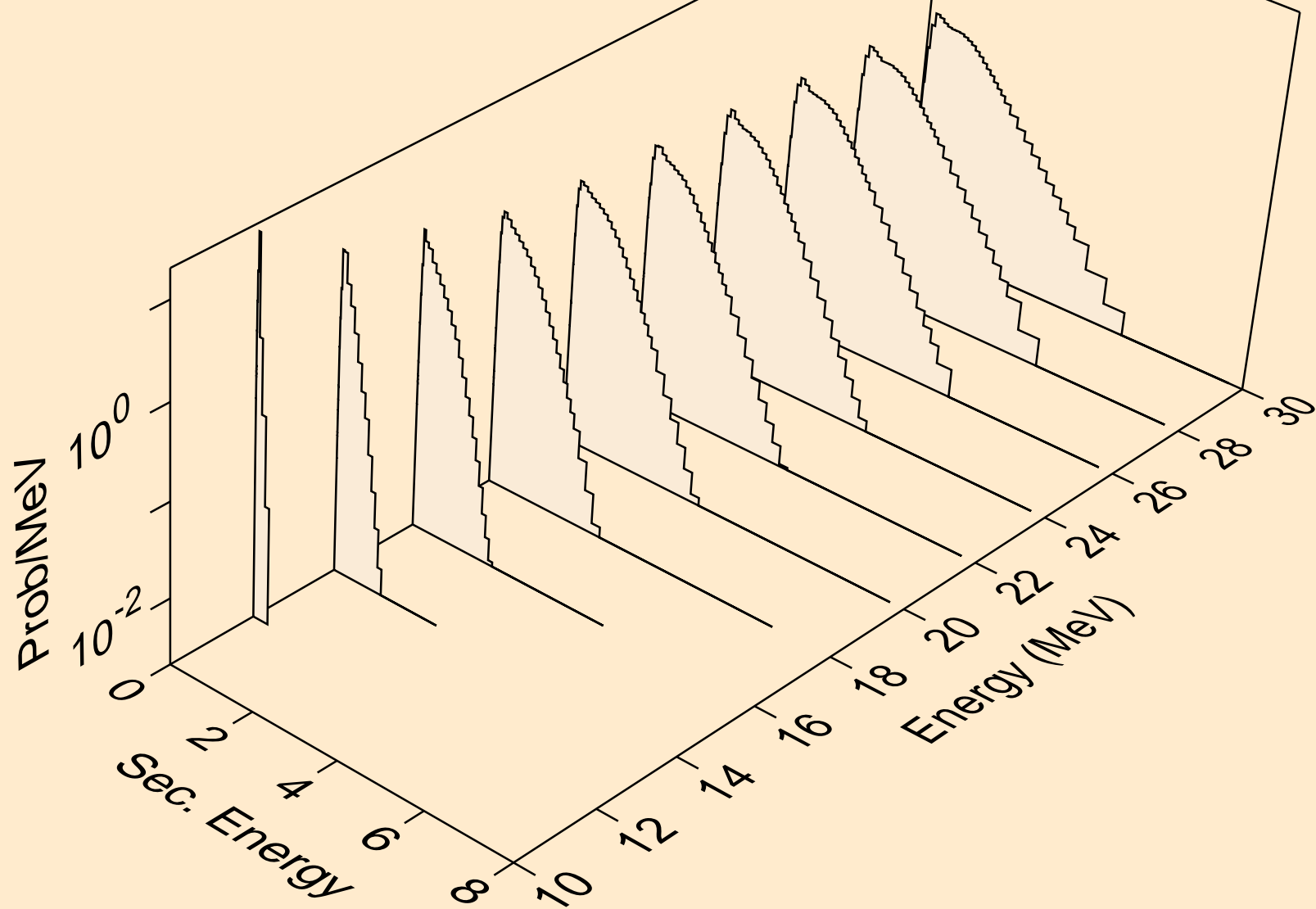
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



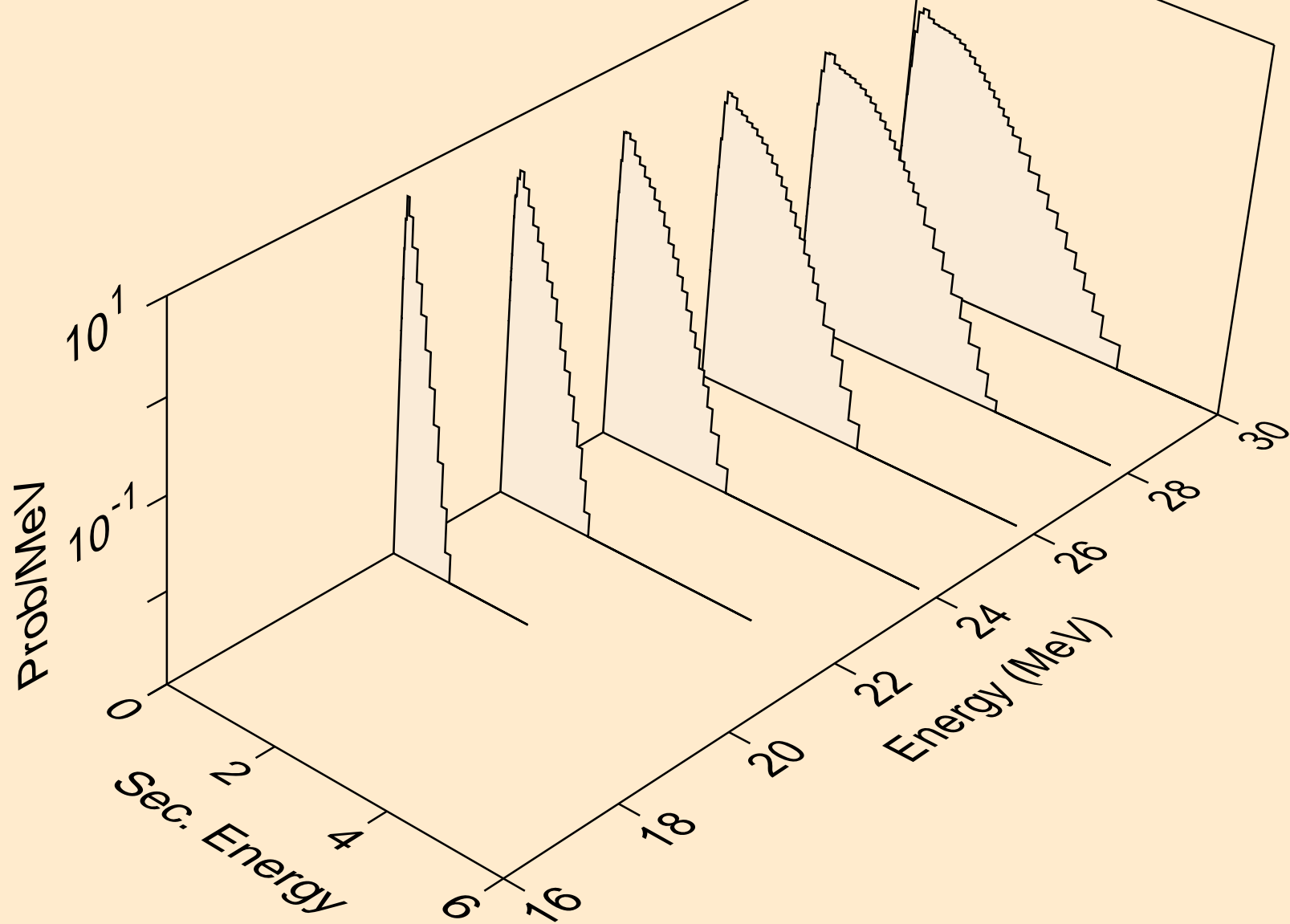
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)2a



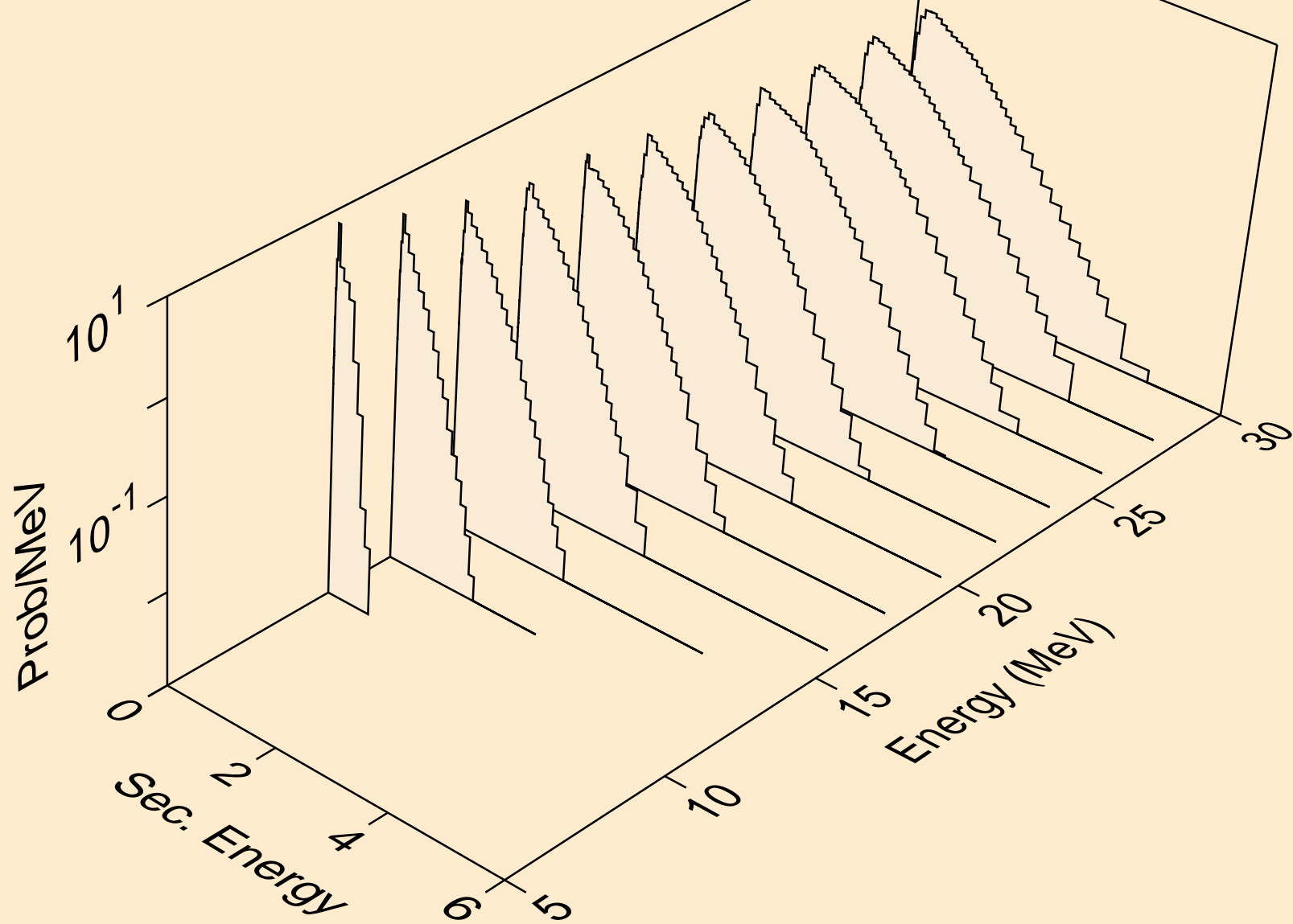
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



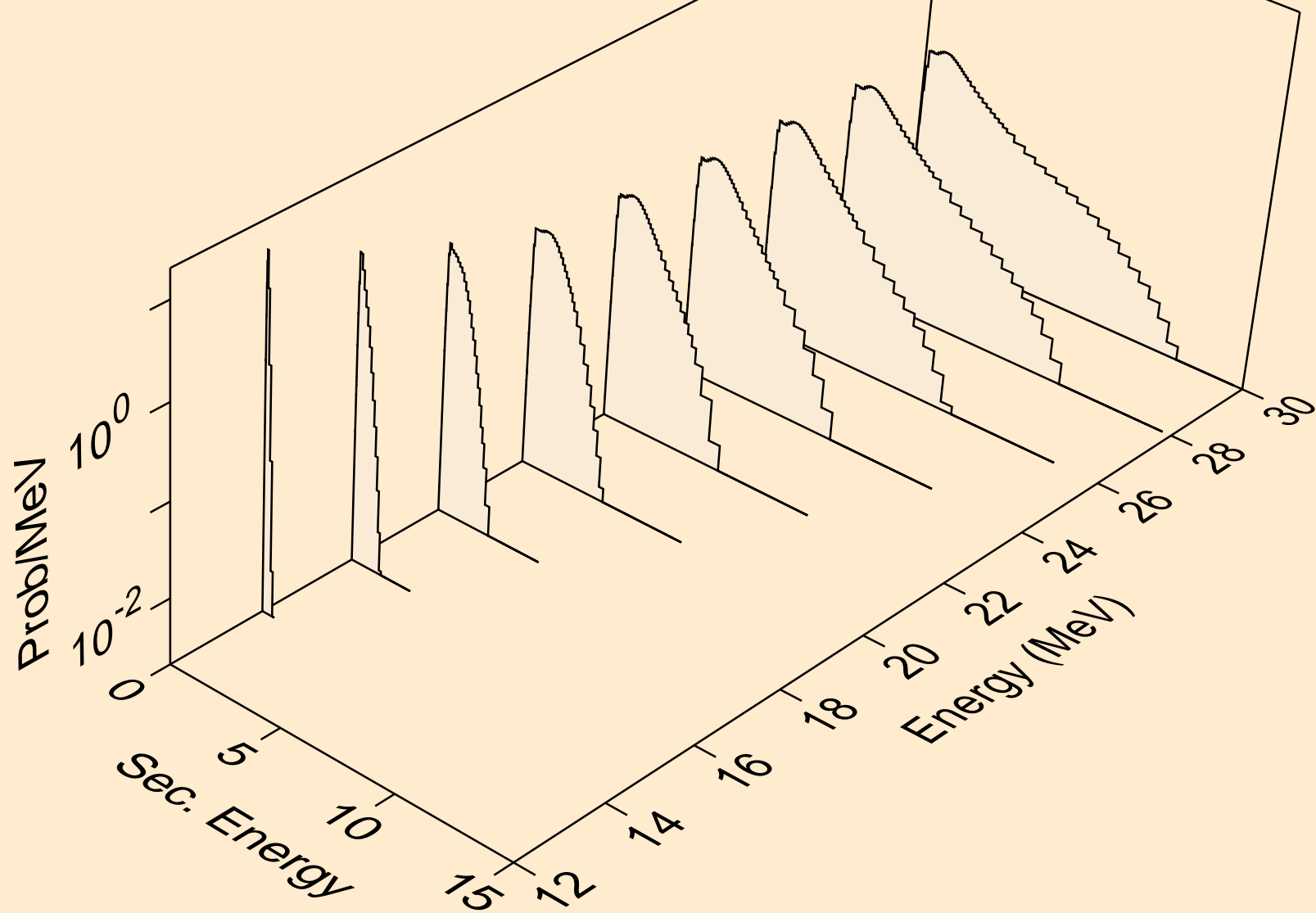
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



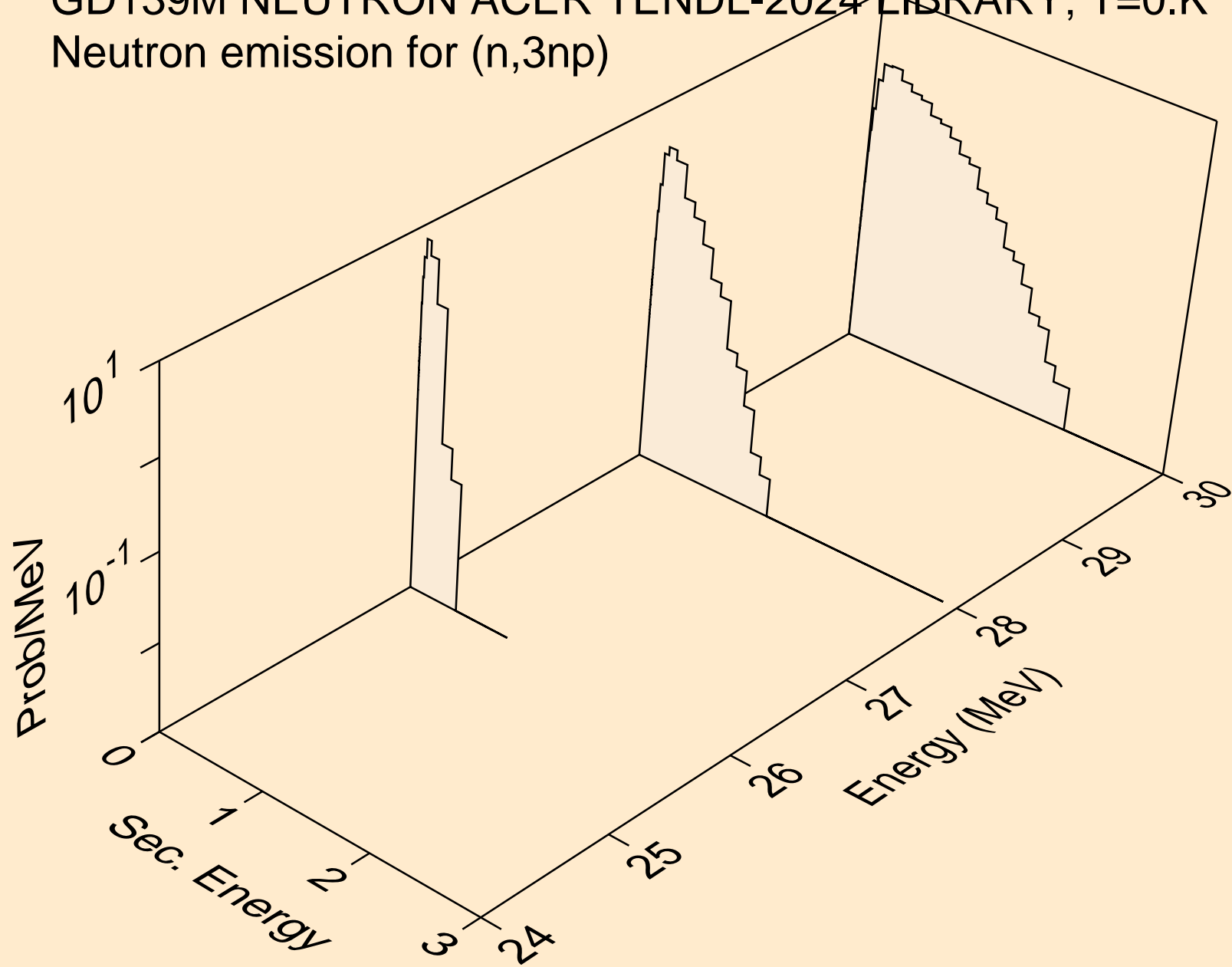
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



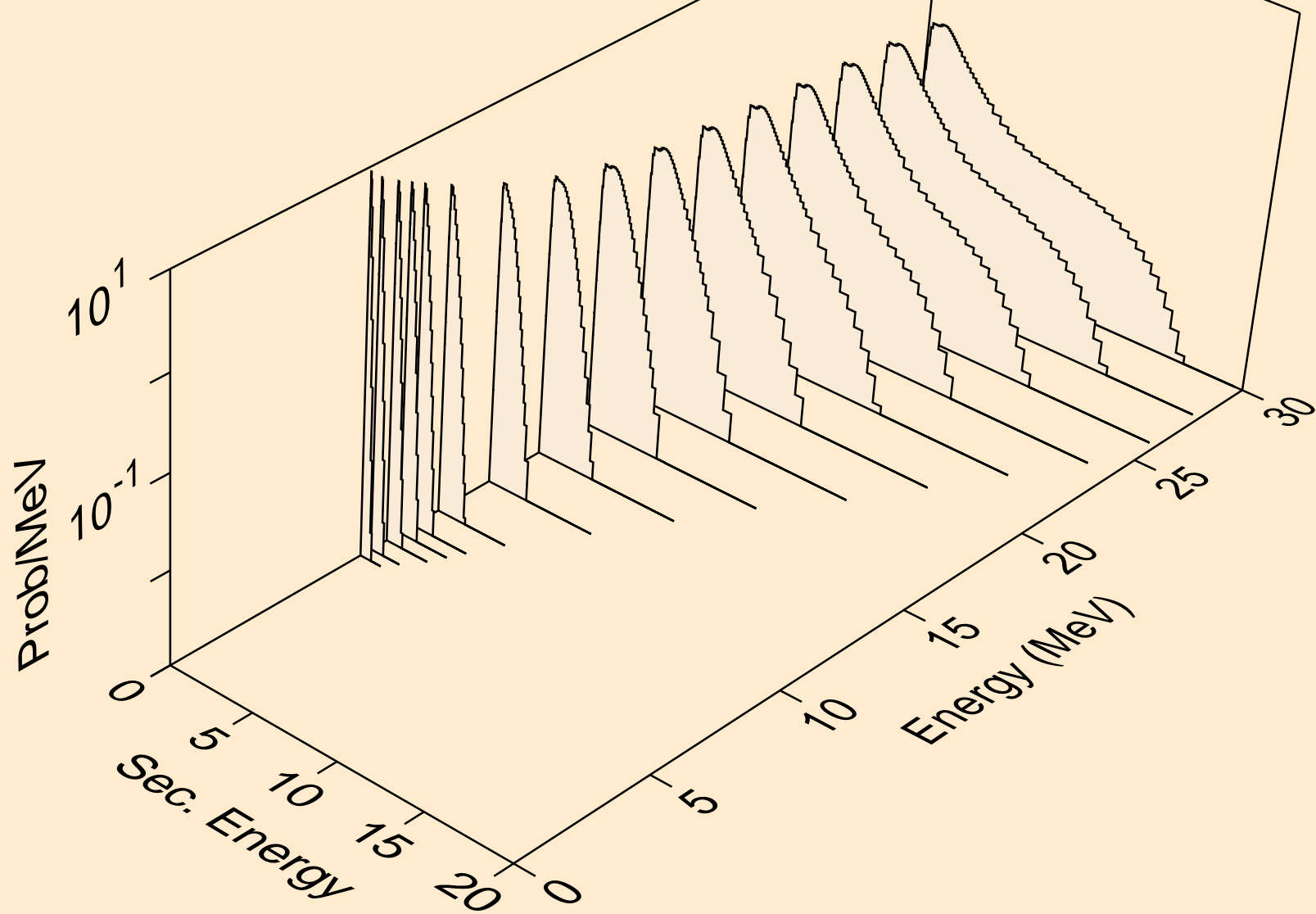
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



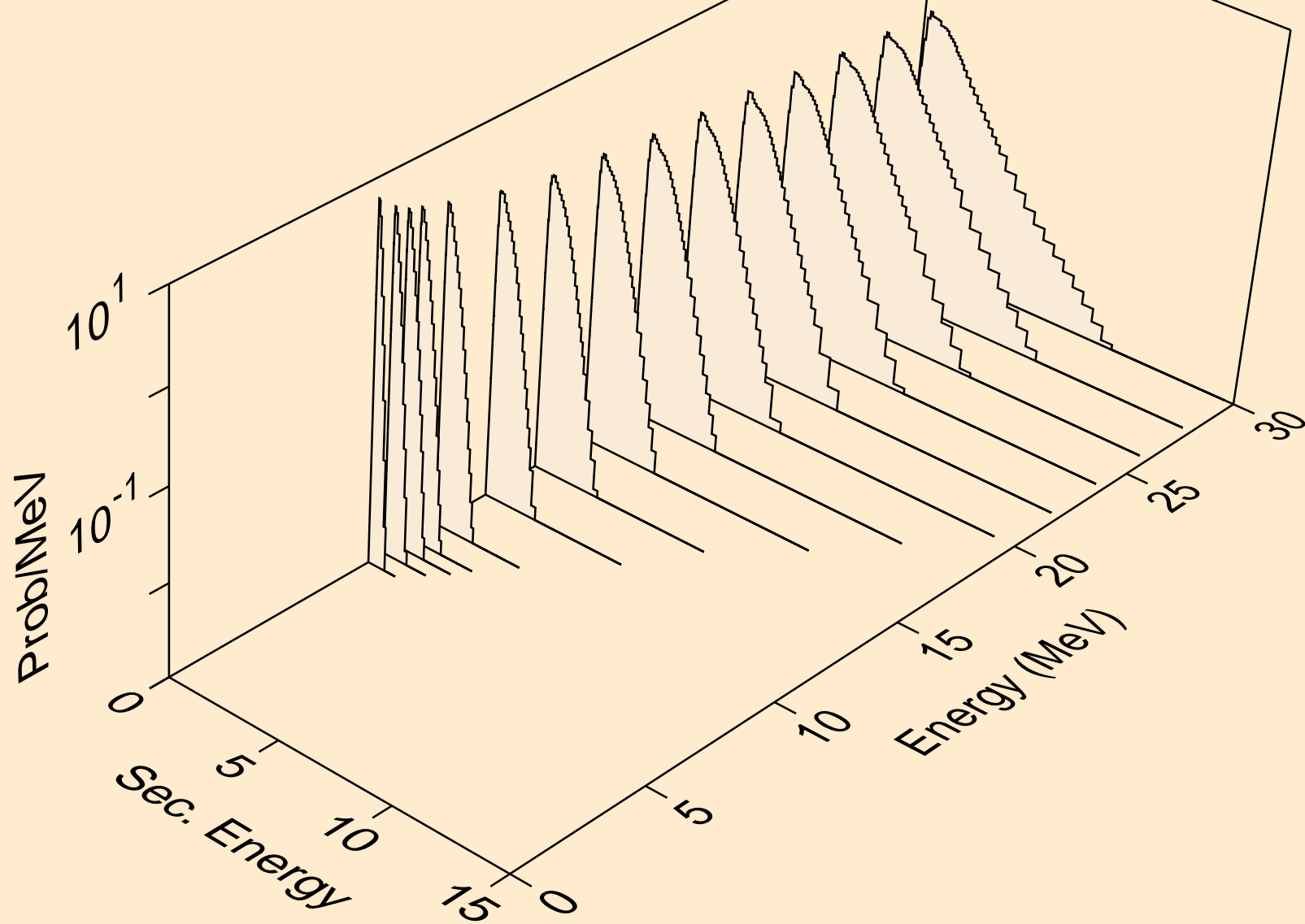
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



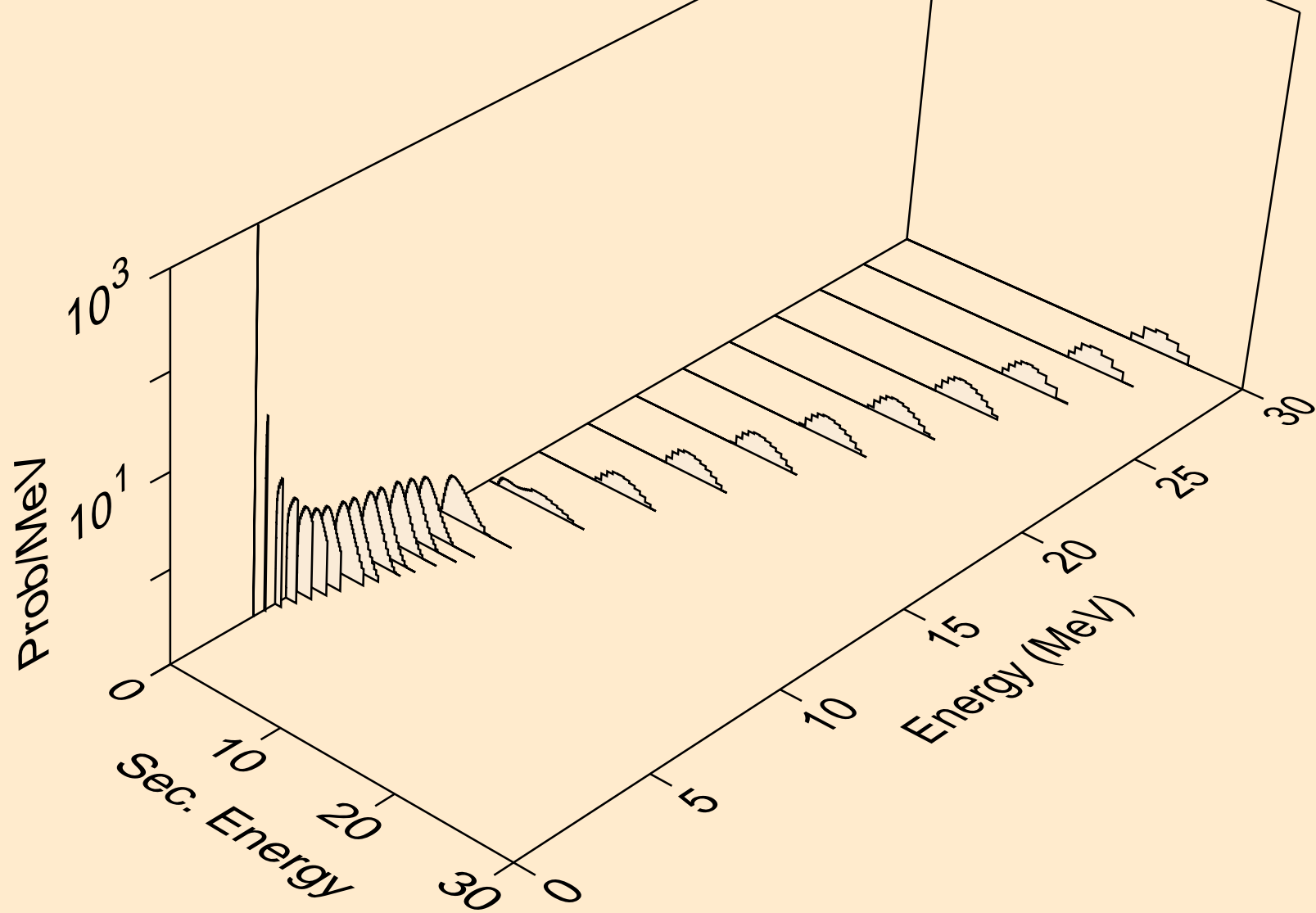
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



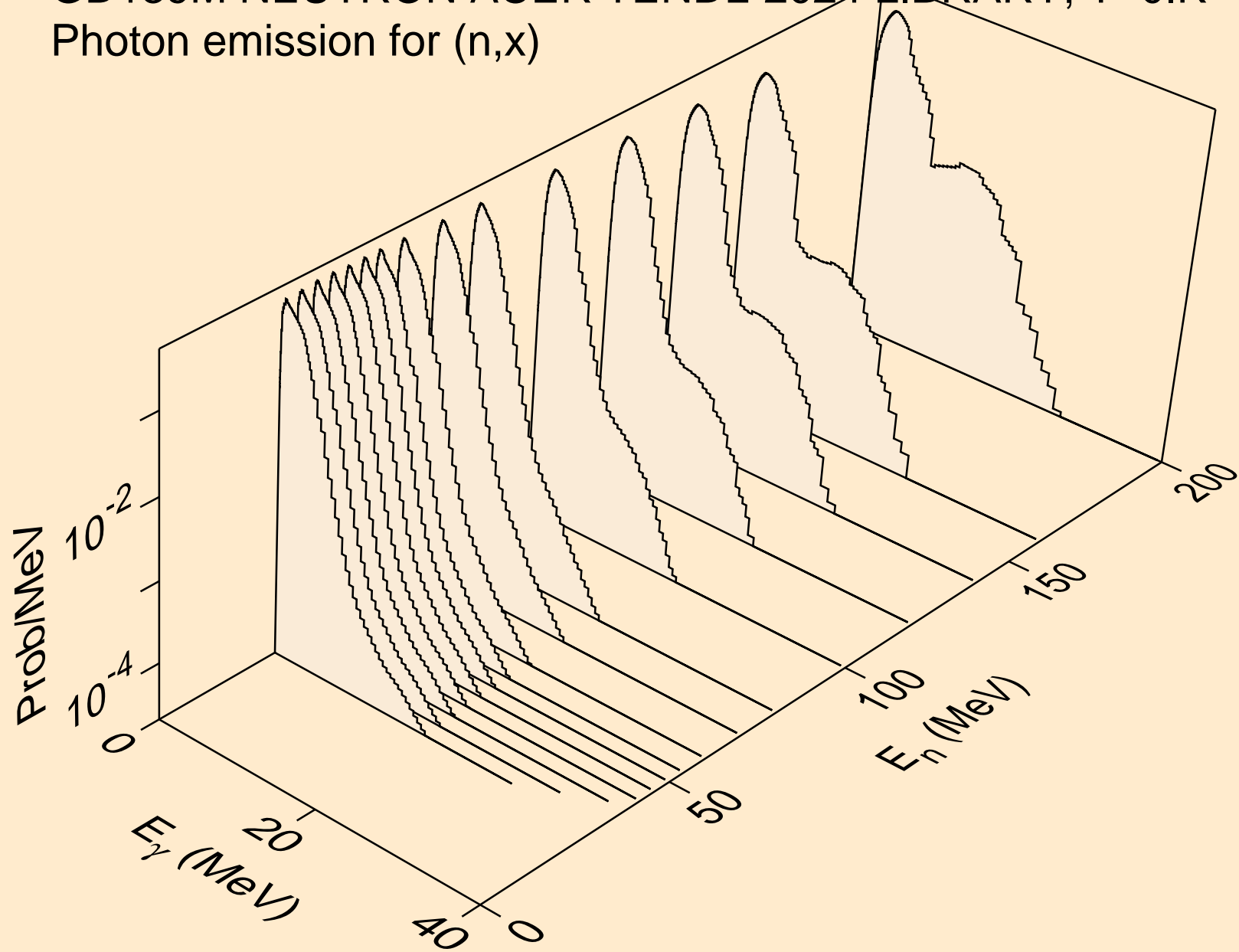
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)



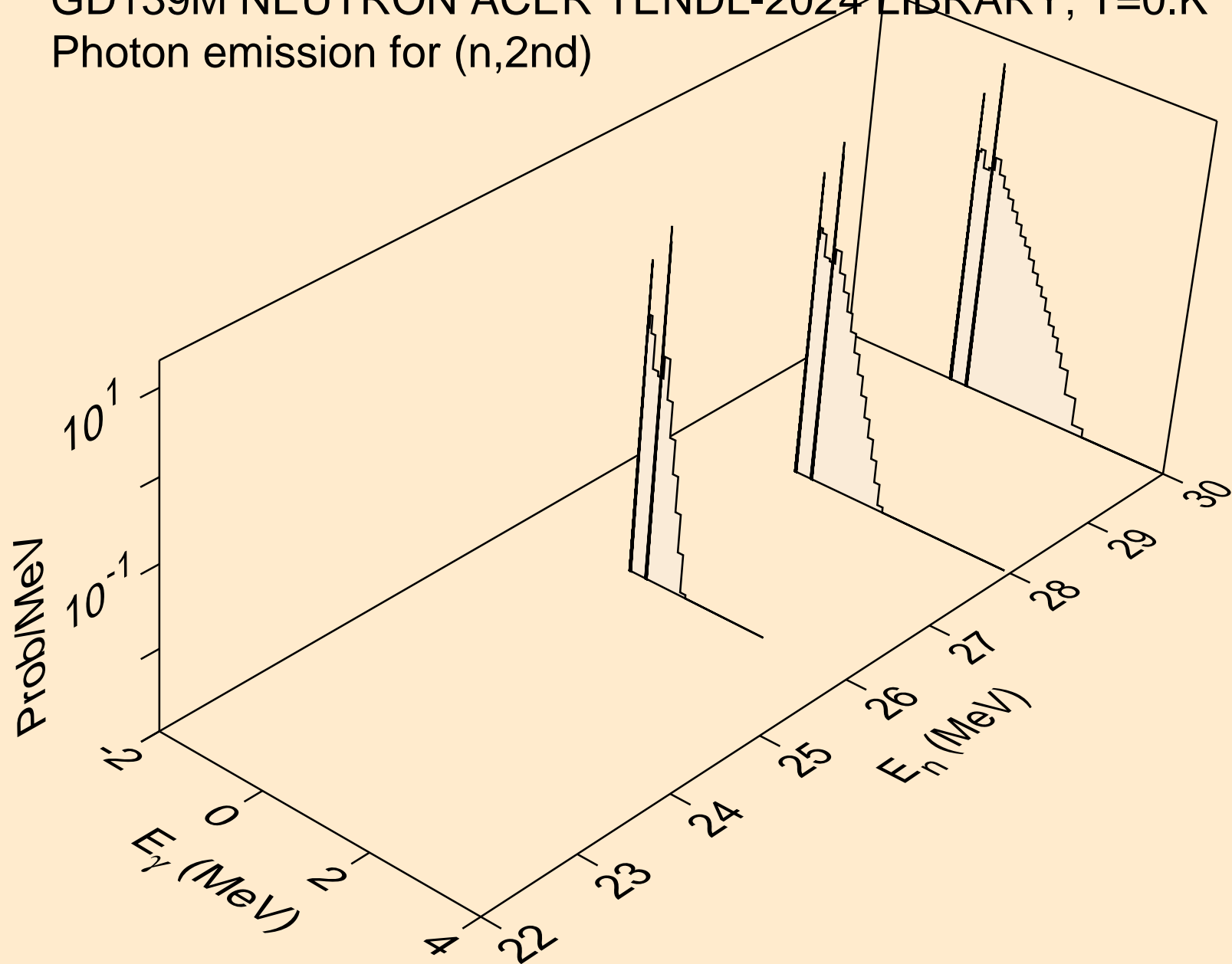
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



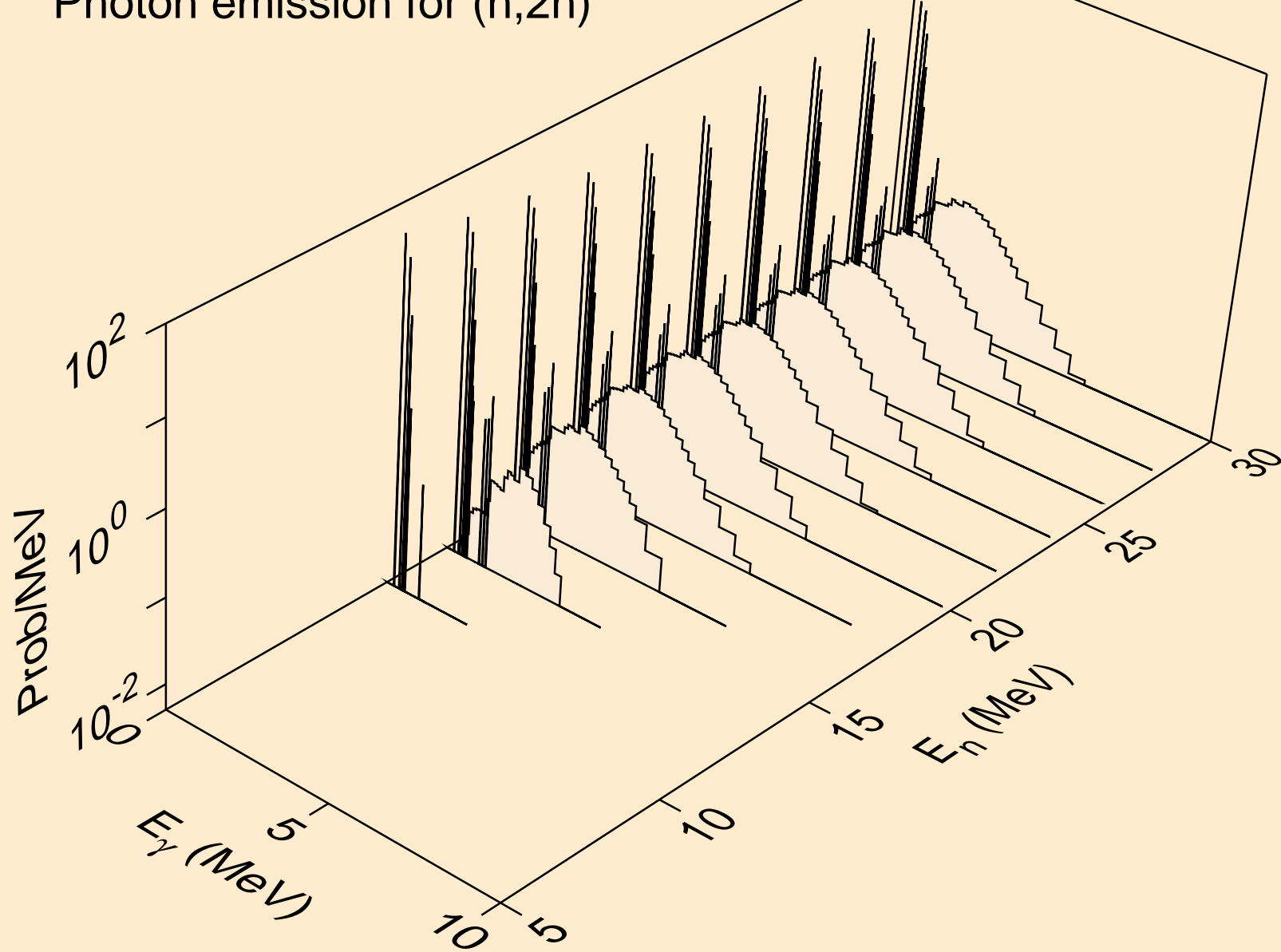
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



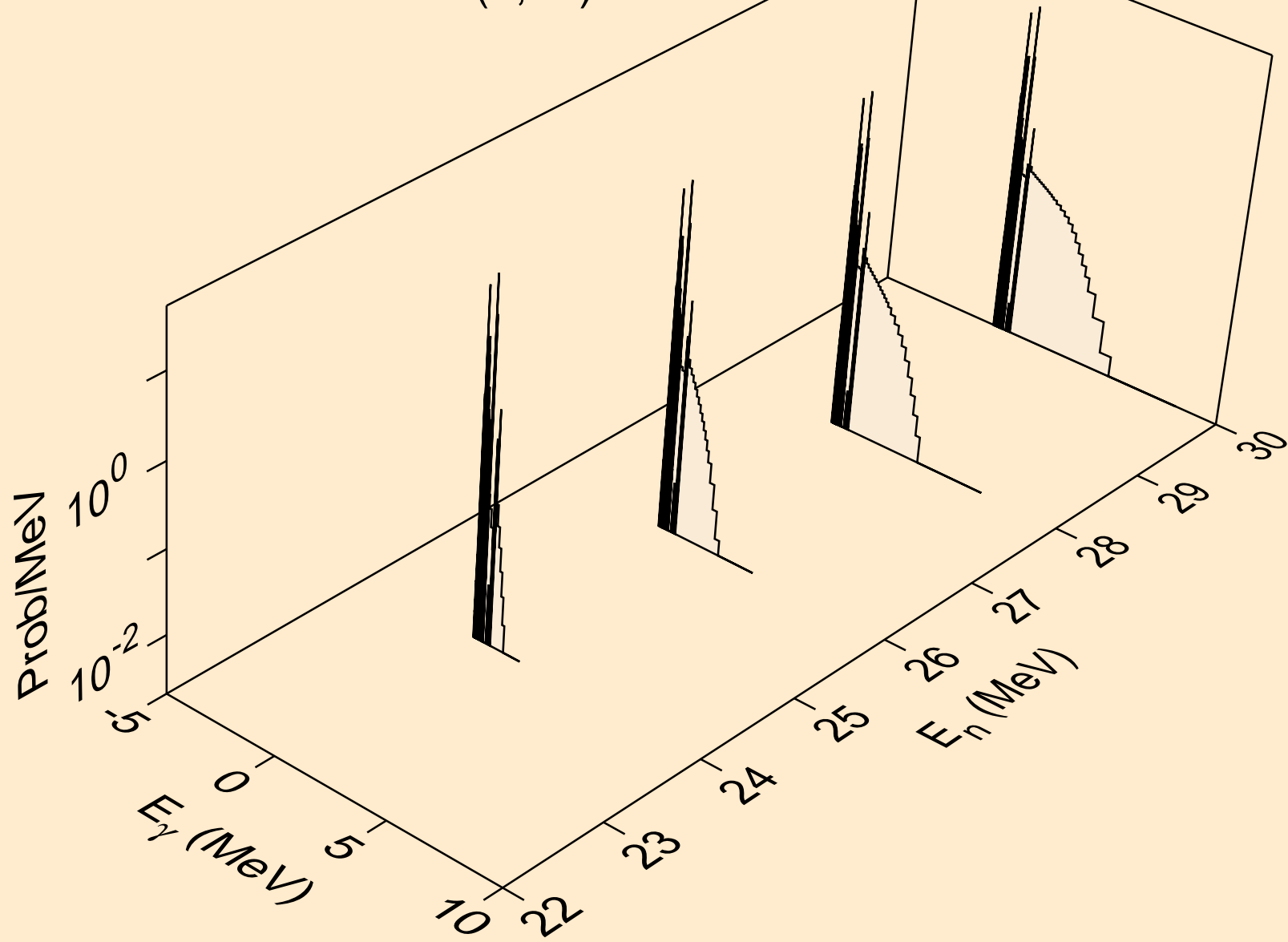
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



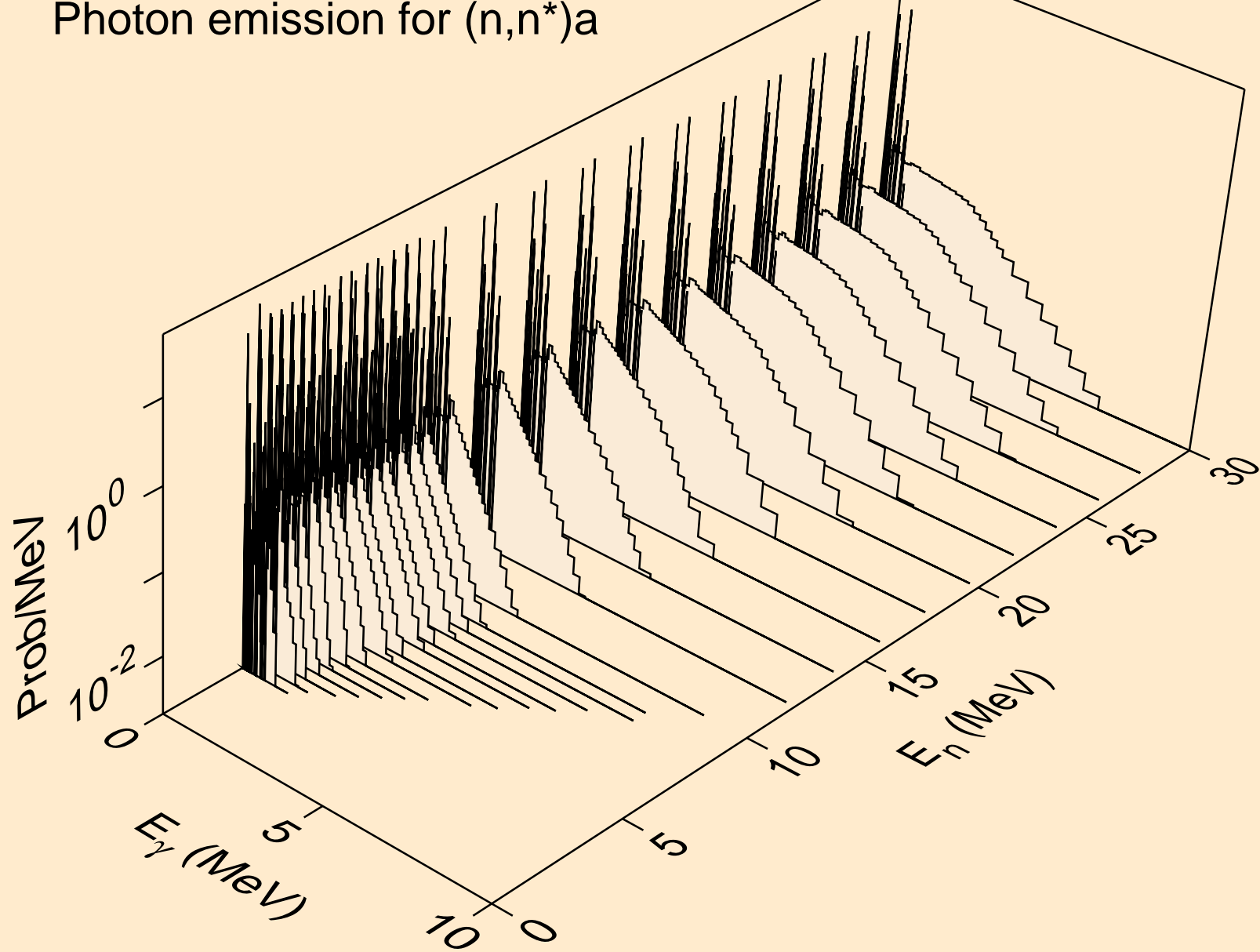
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



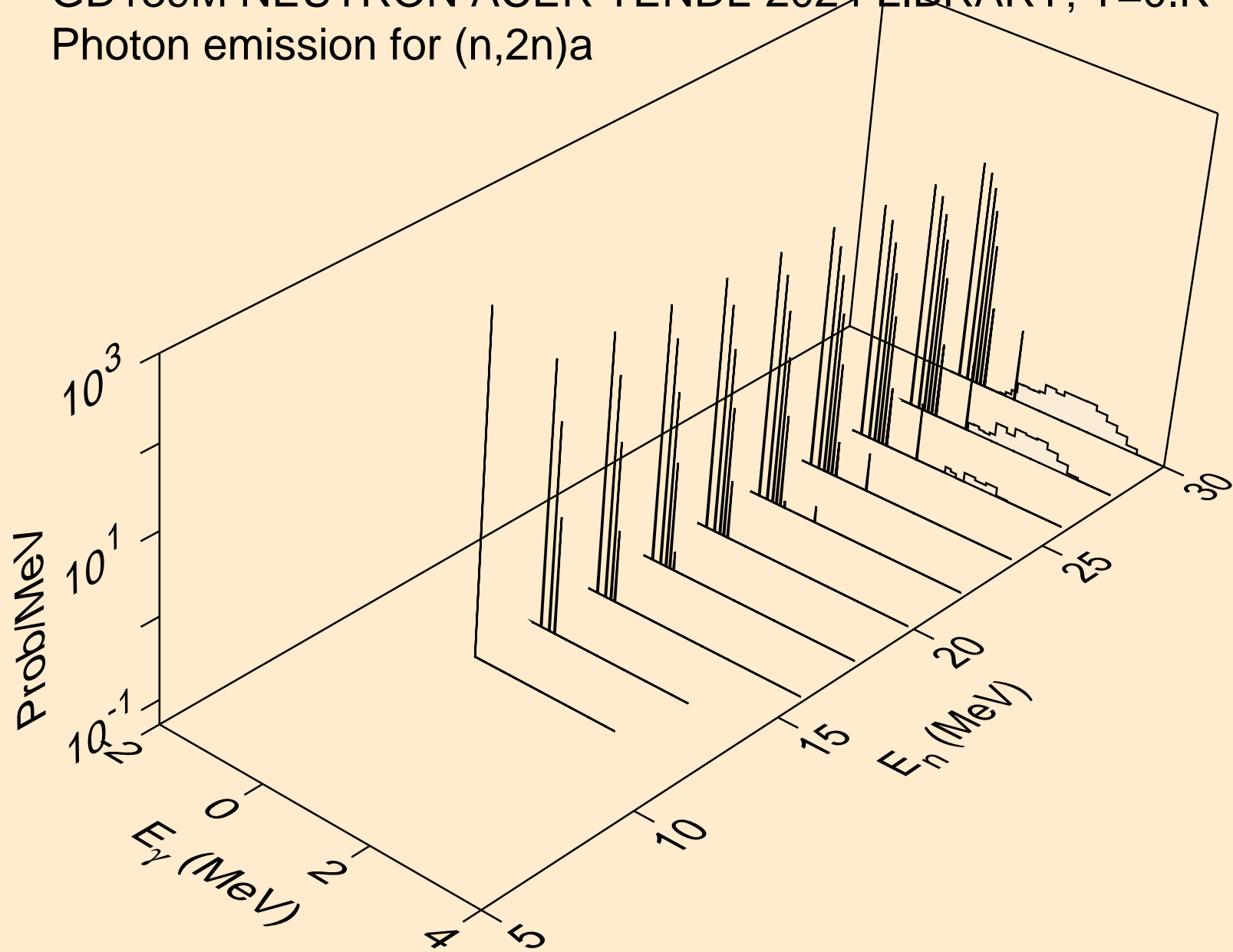
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



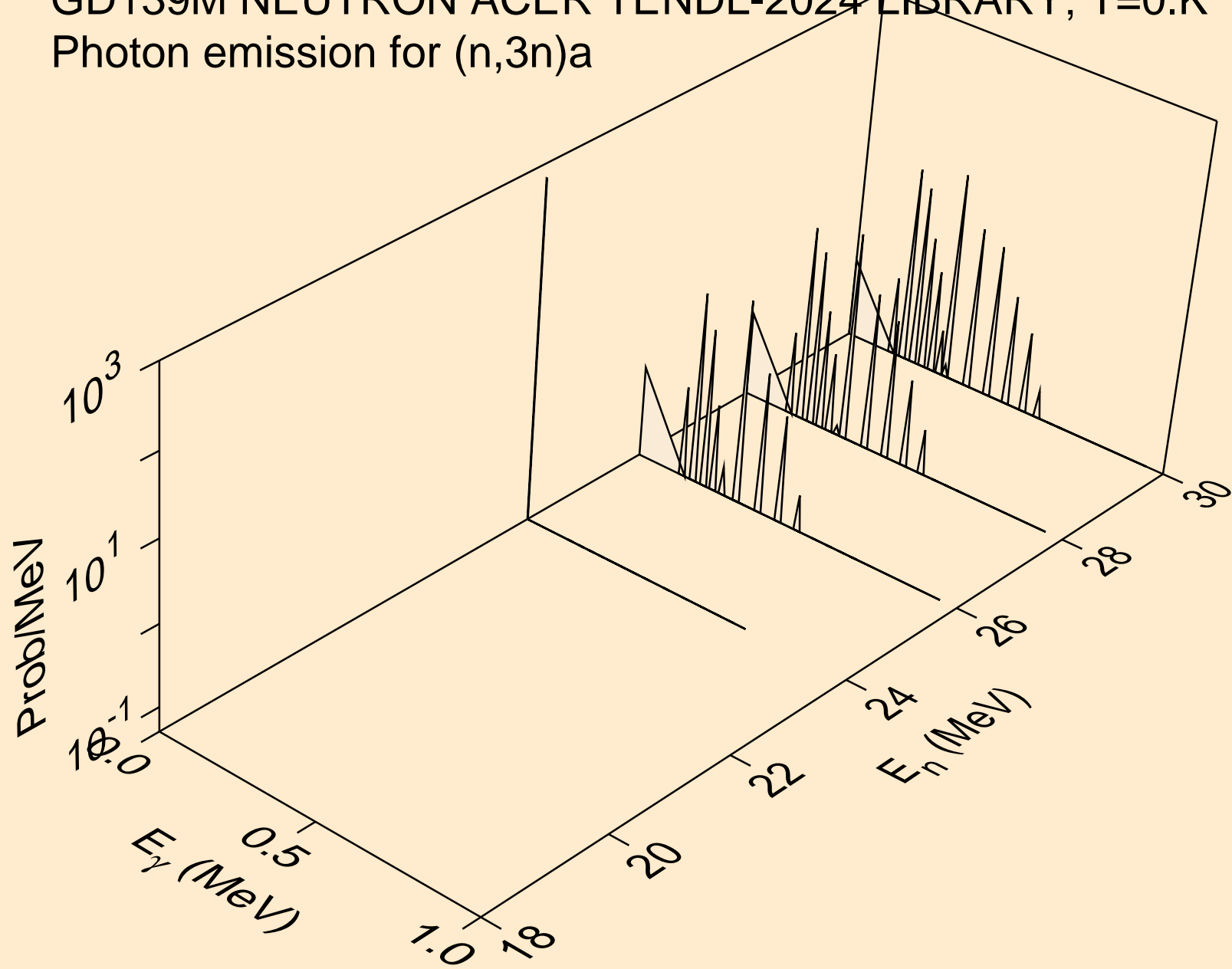
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



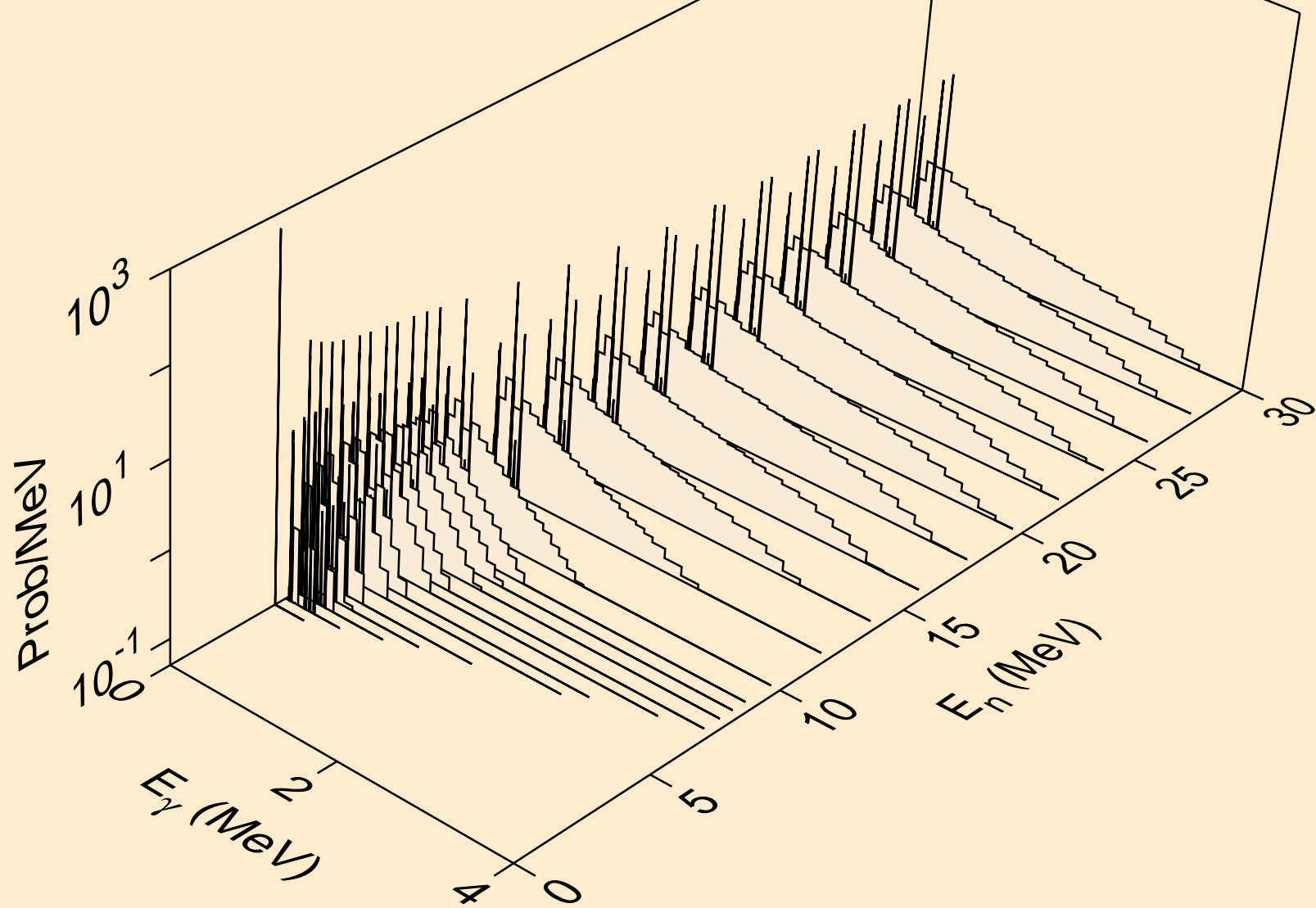
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



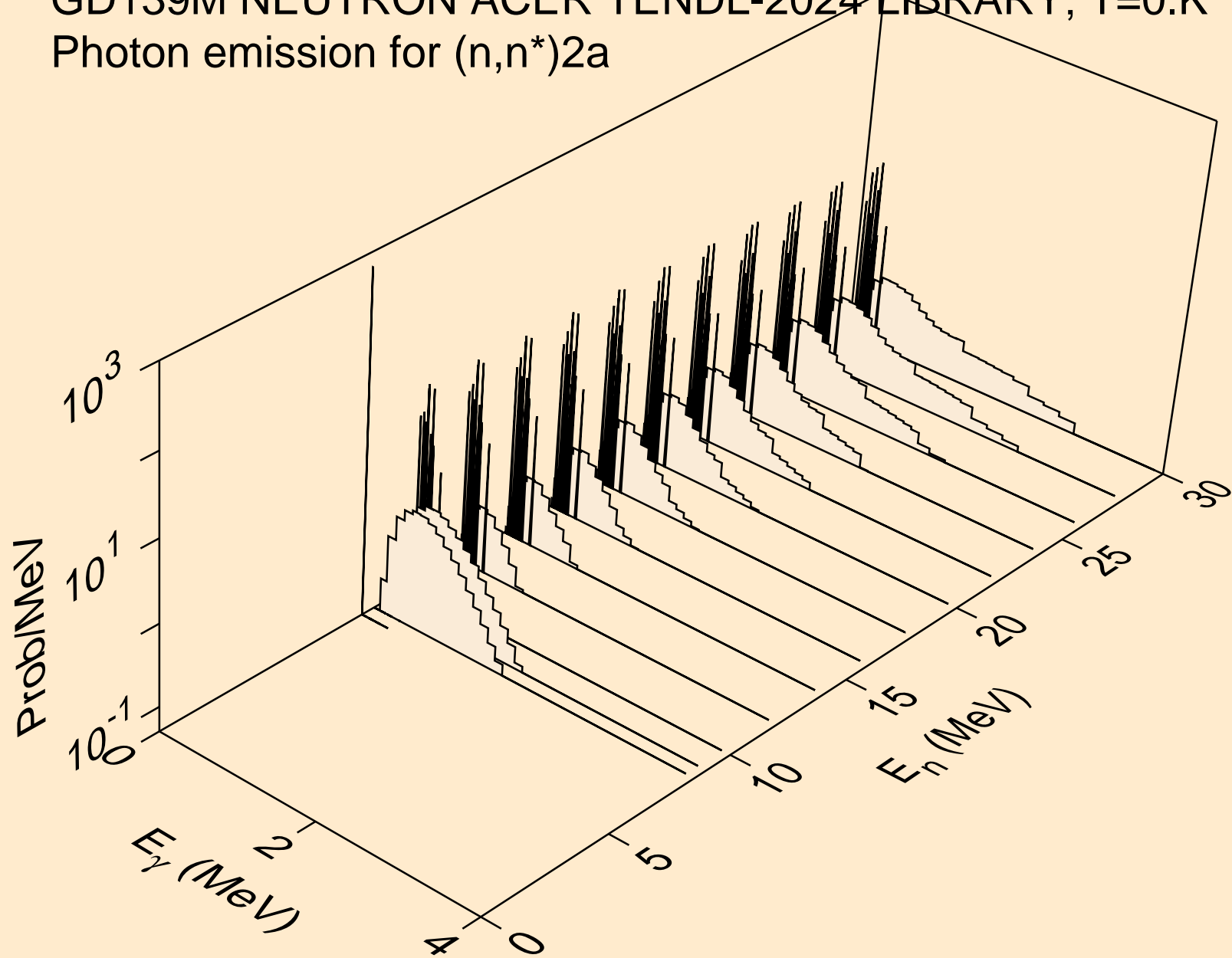
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)a



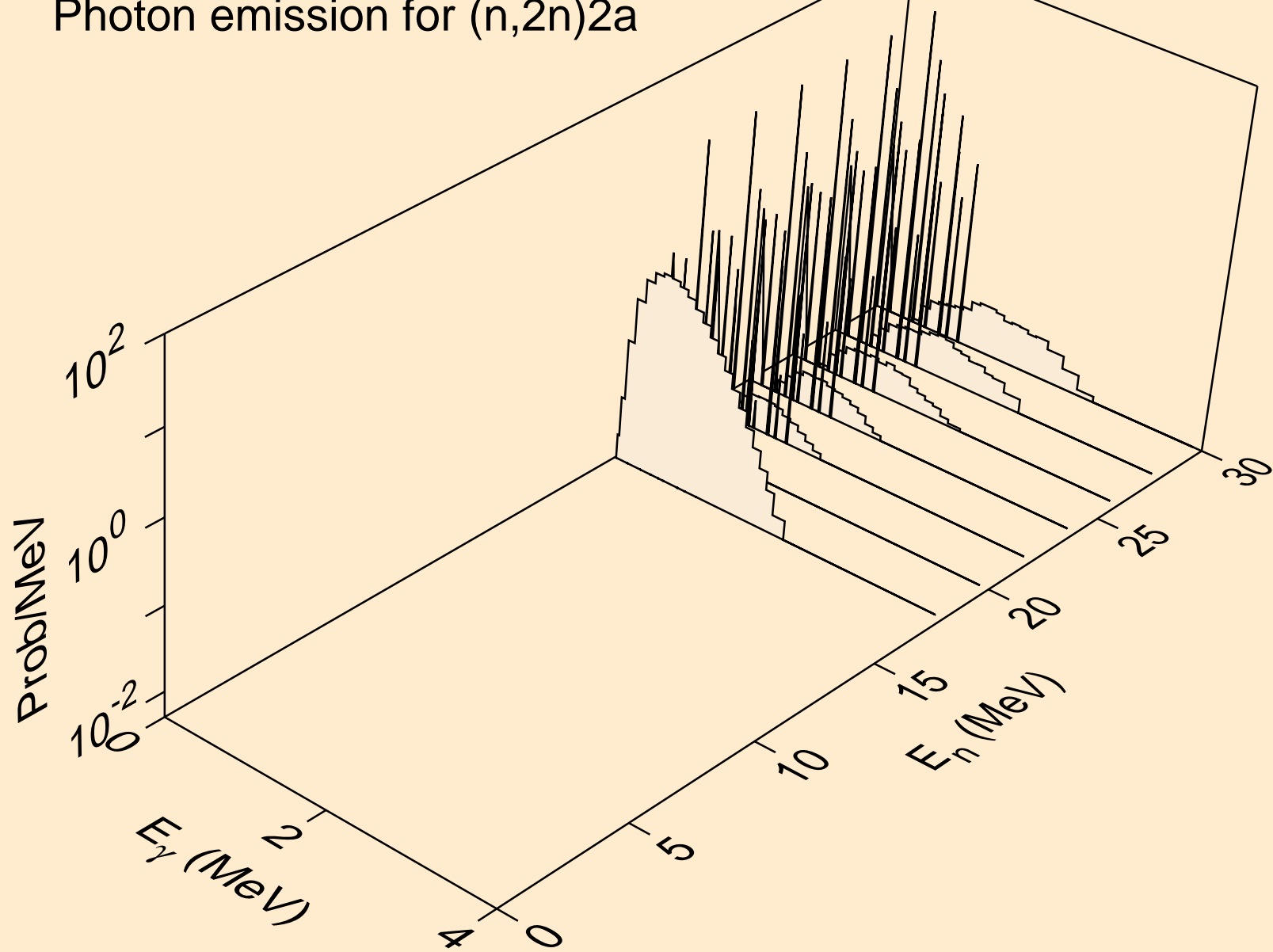
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



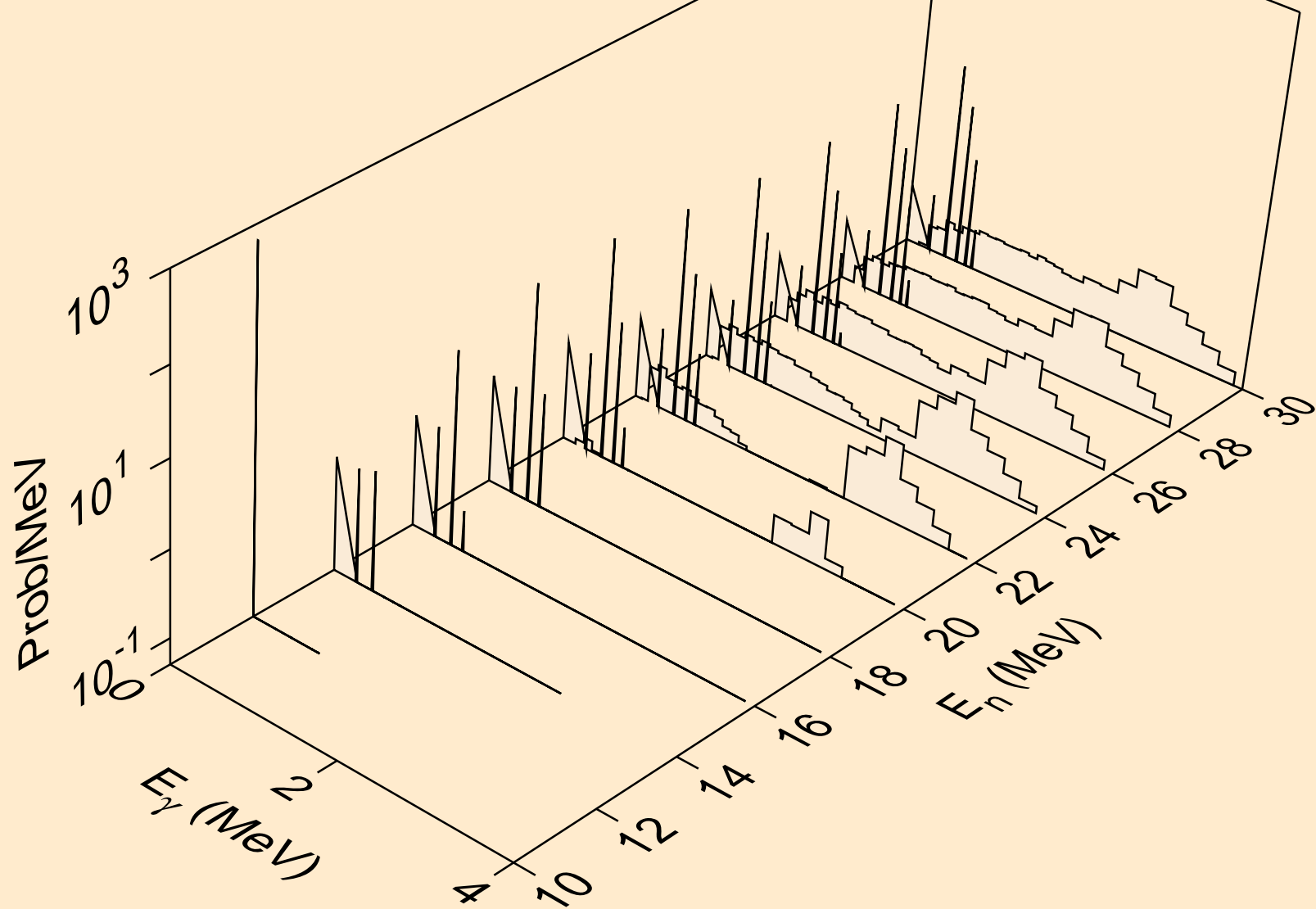
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



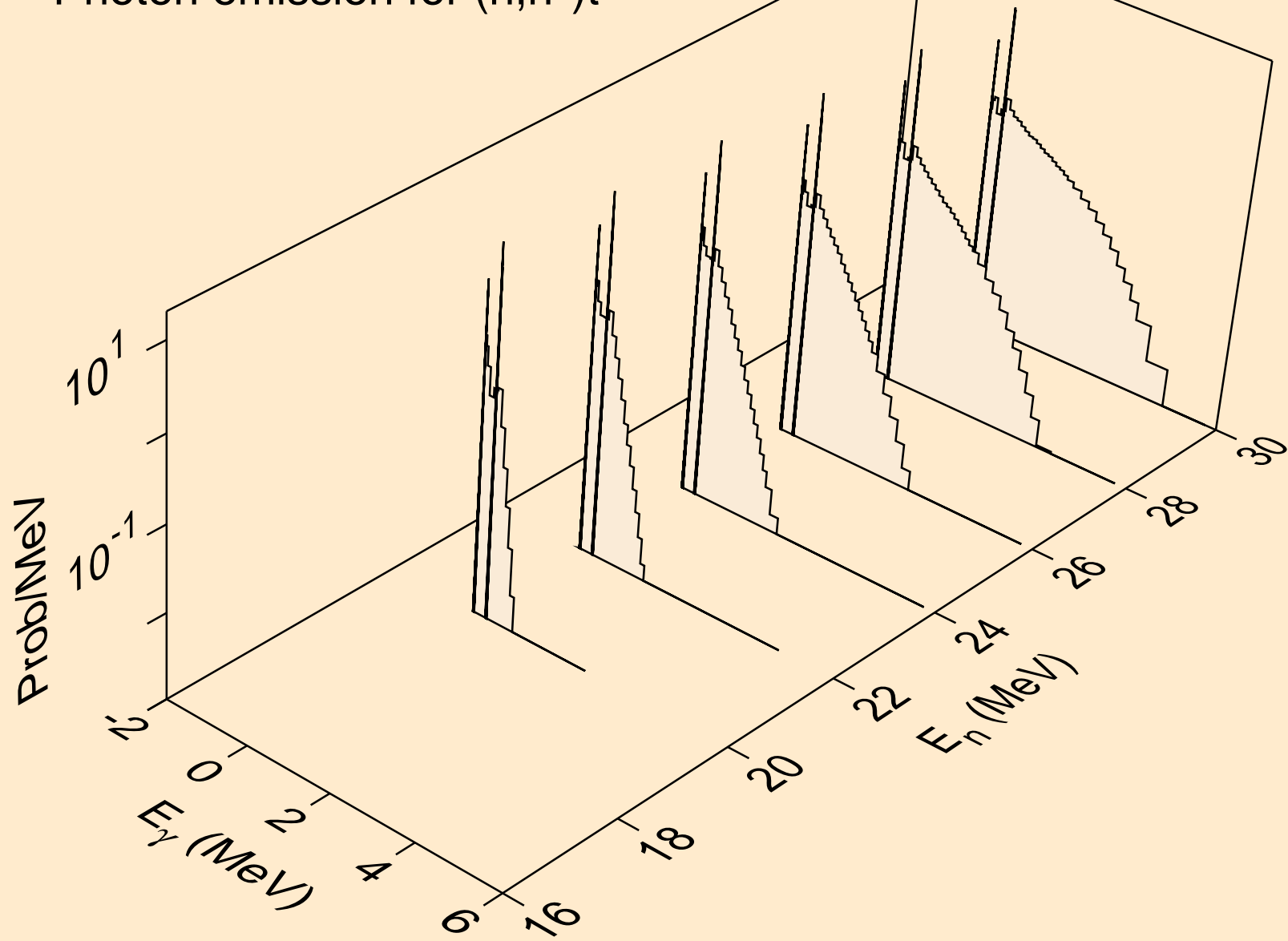
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)2a



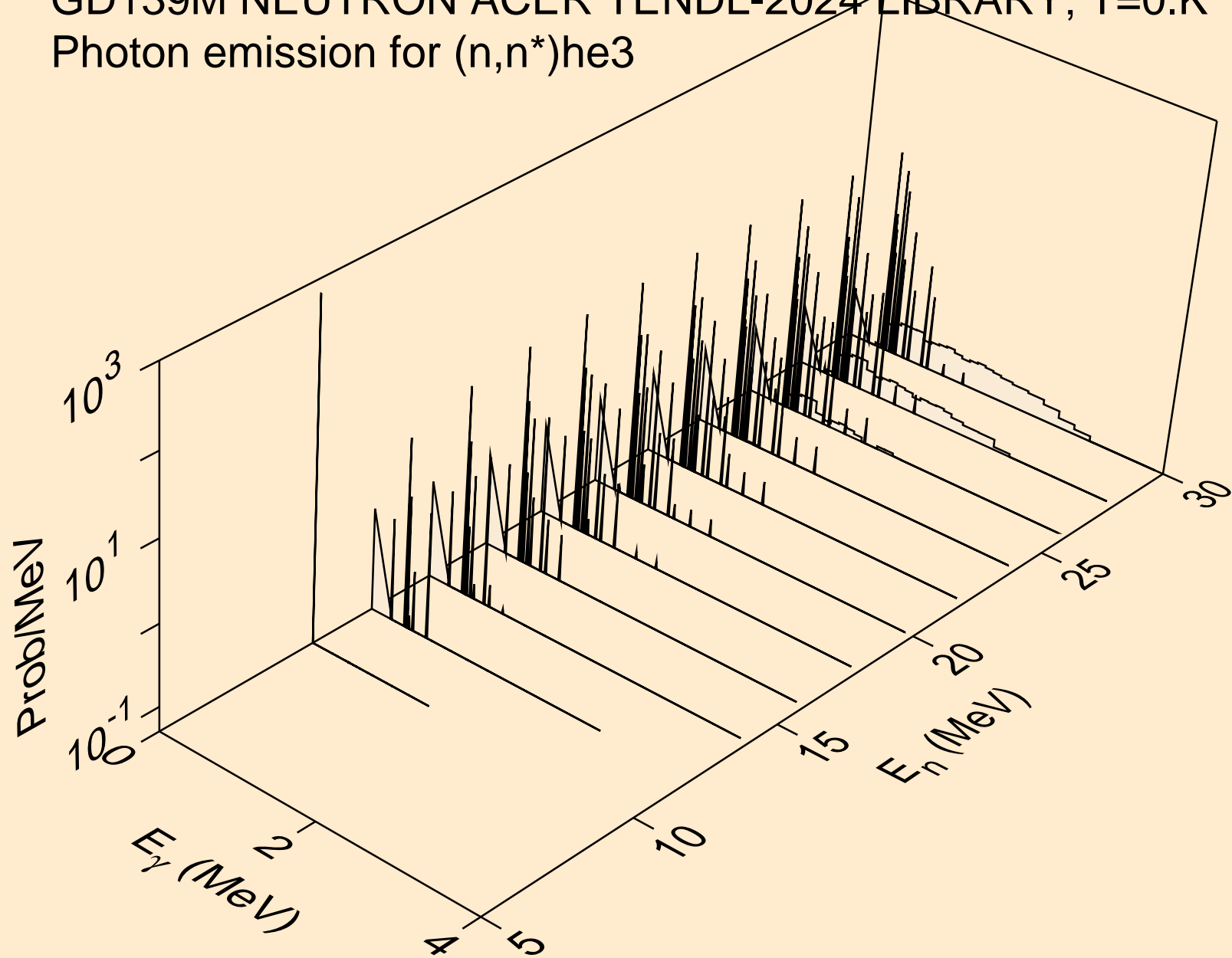
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



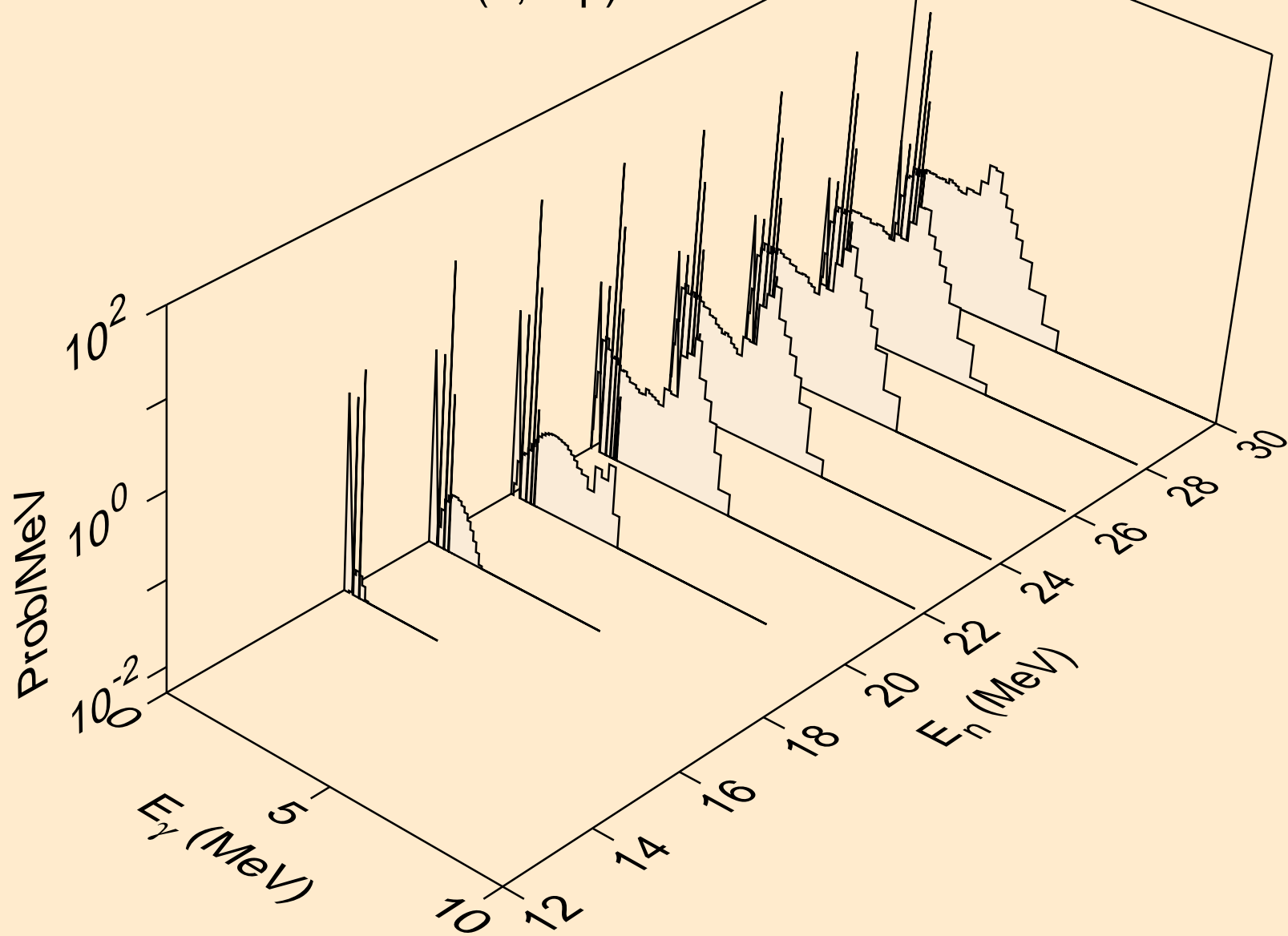
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



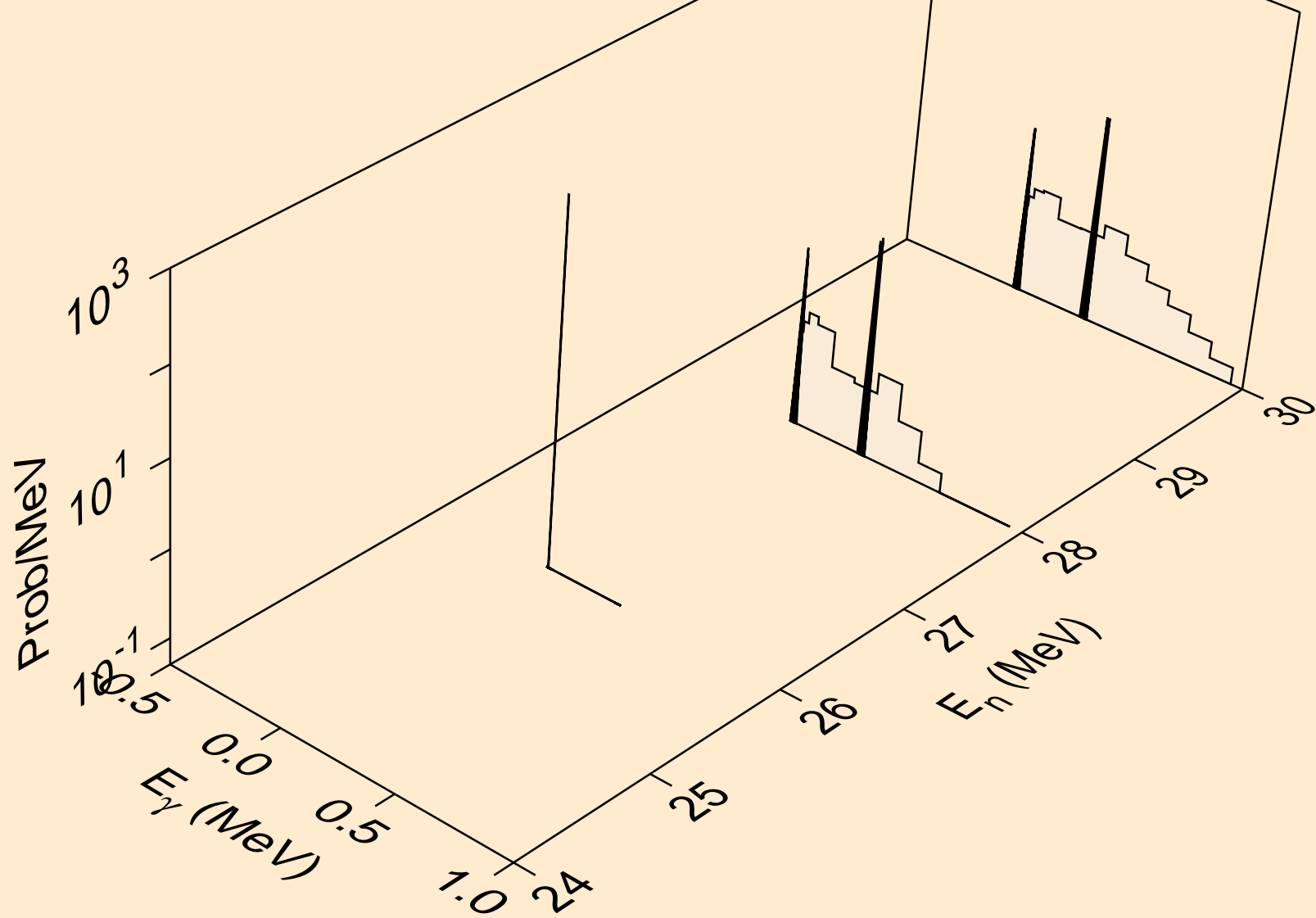
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



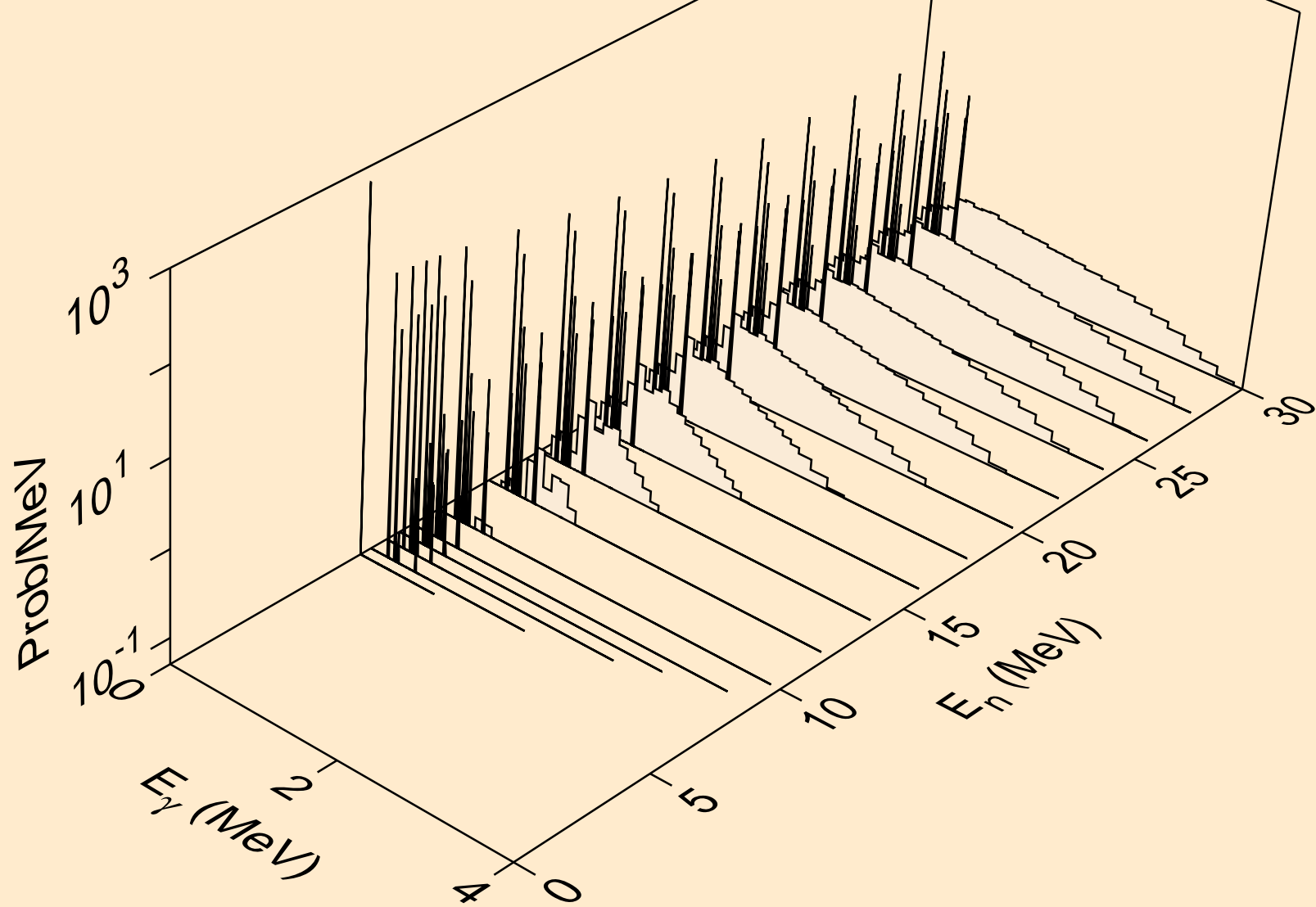
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



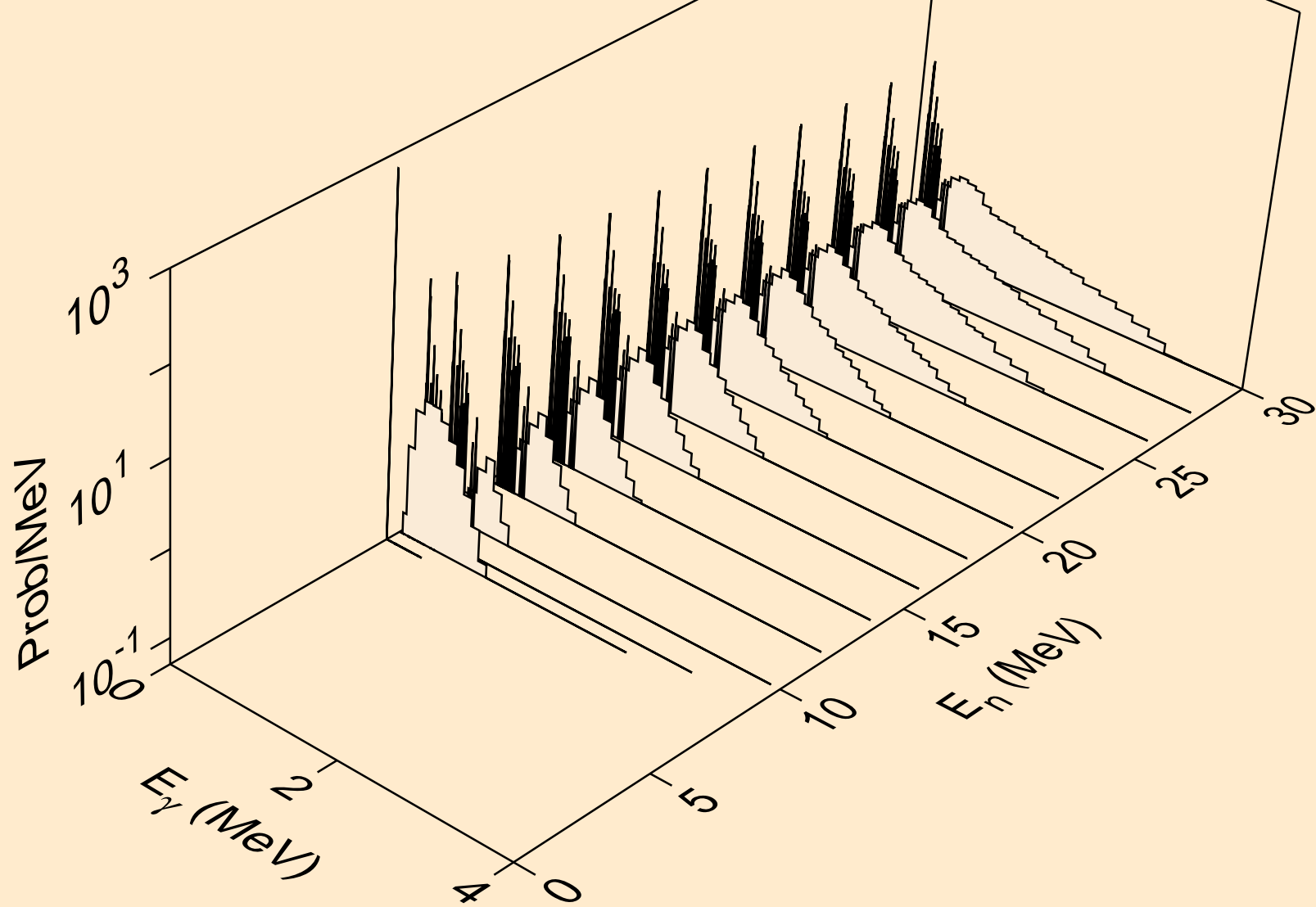
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



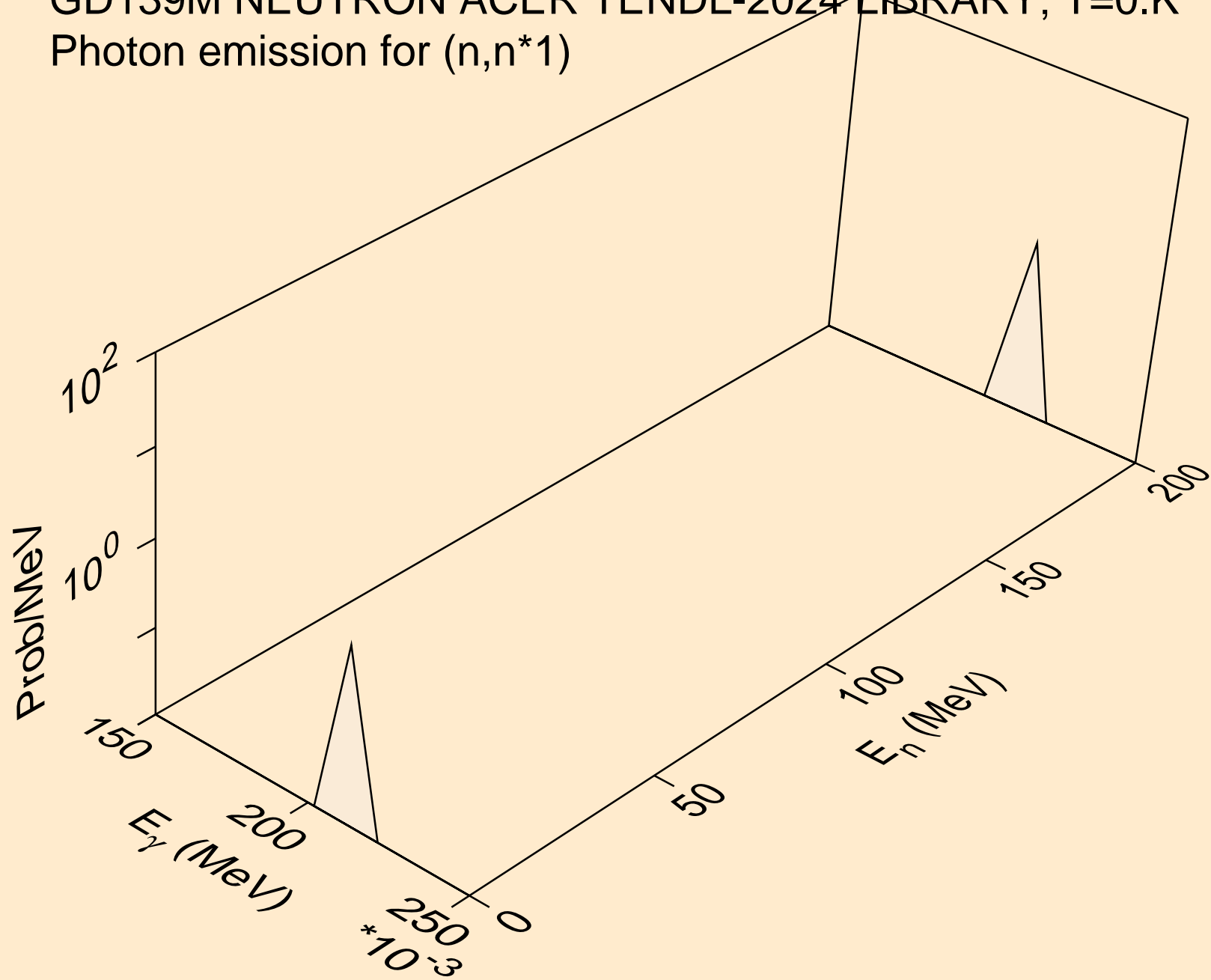
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



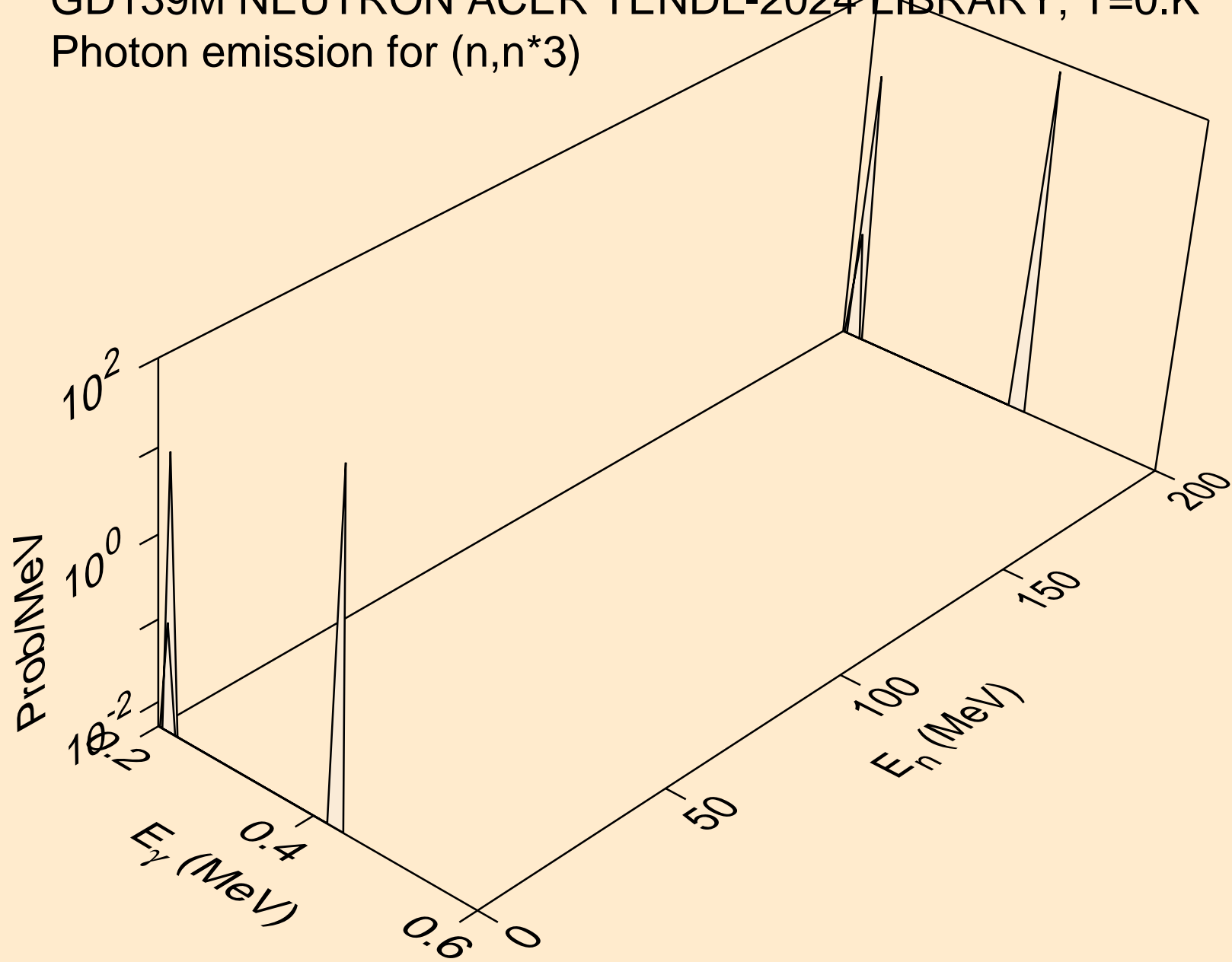
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



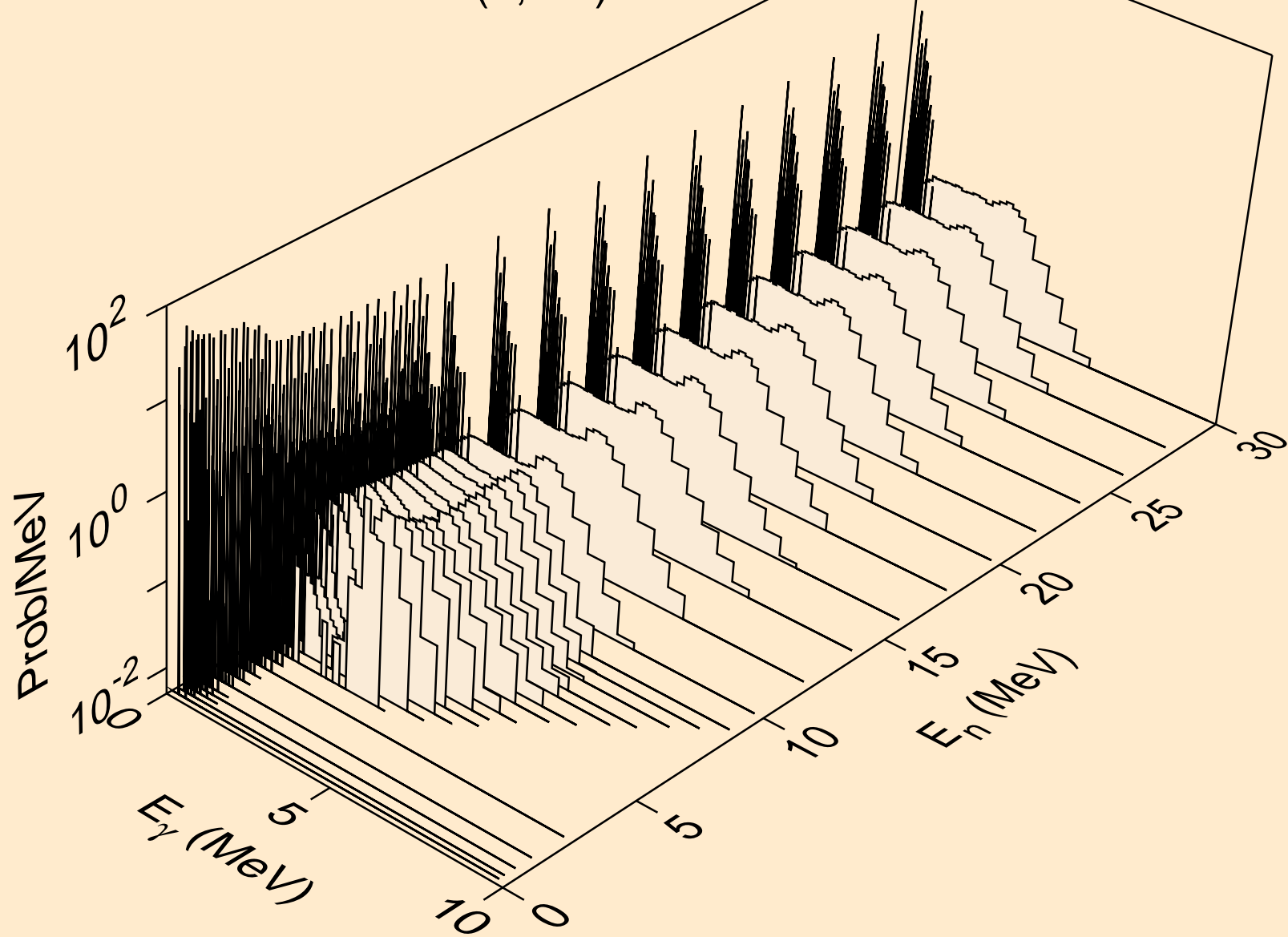
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*1)



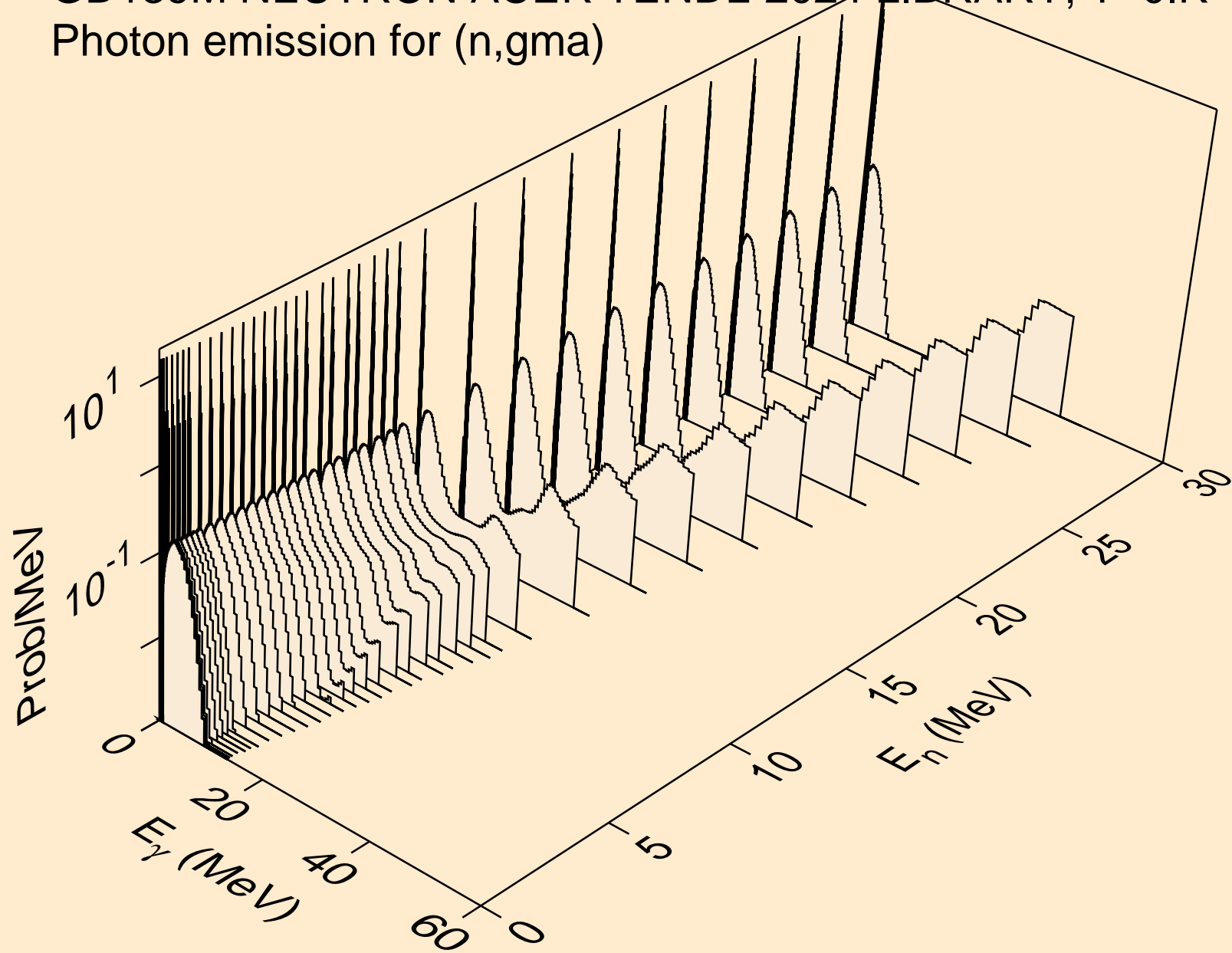
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*3)



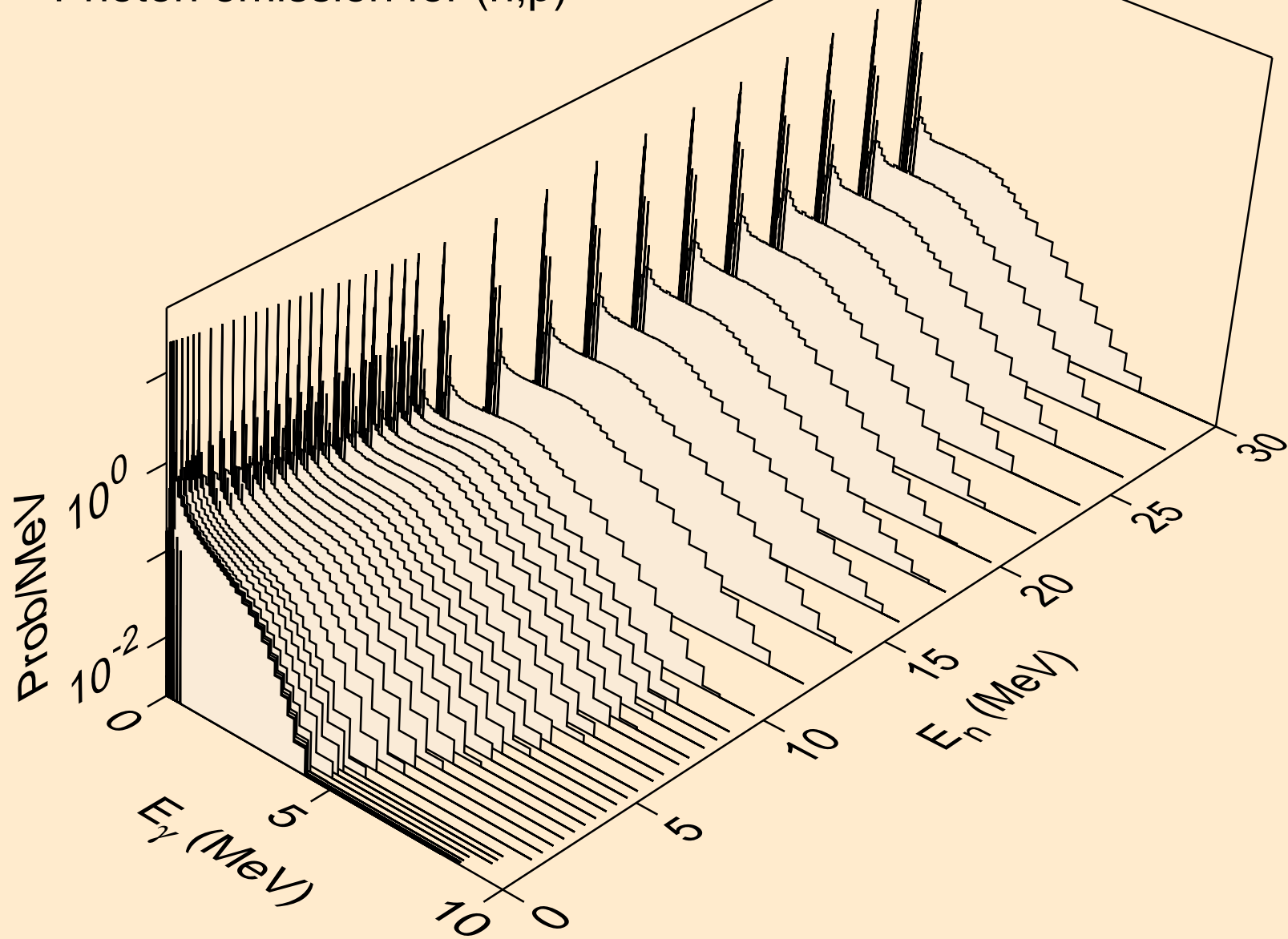
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*c)



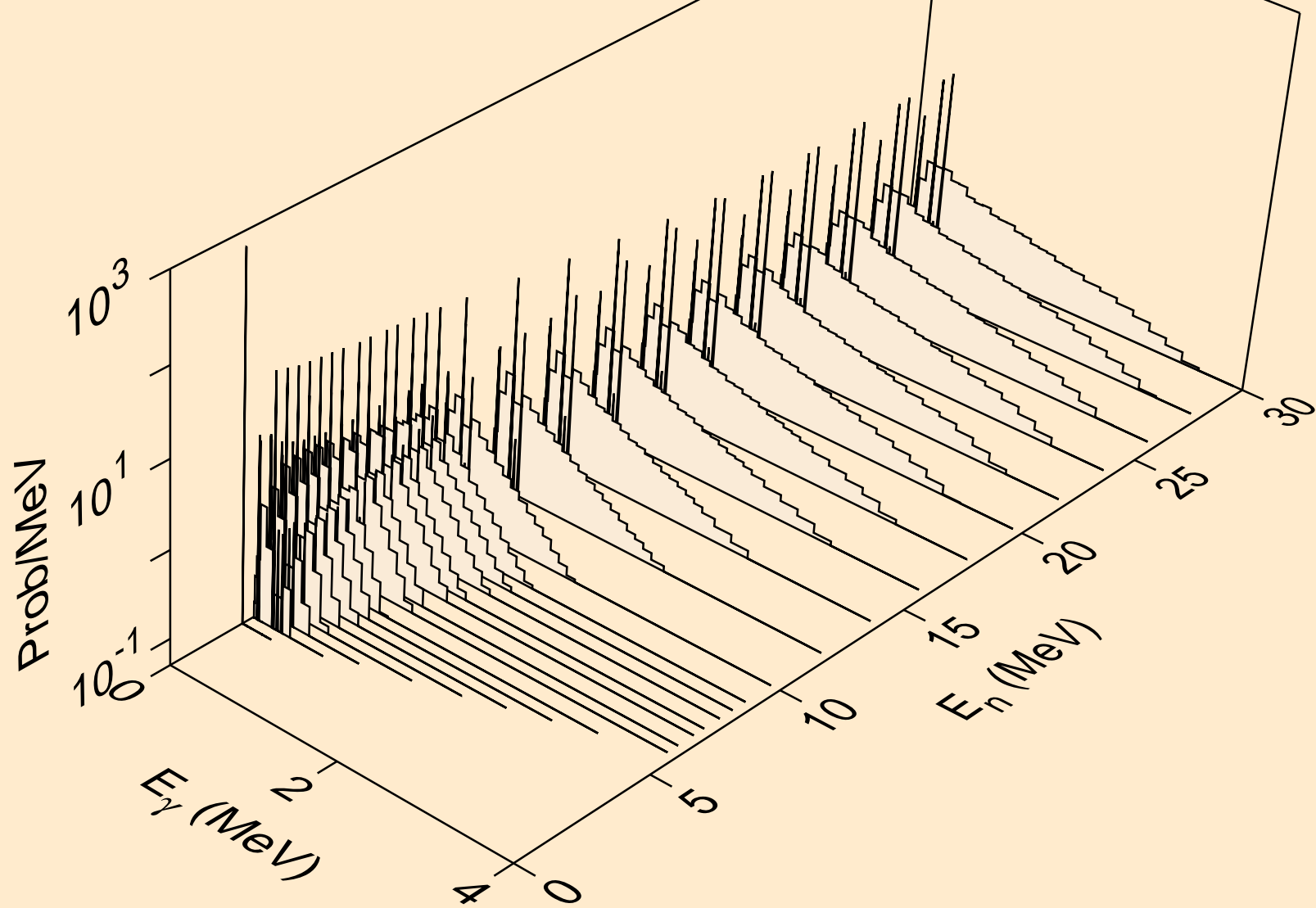
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



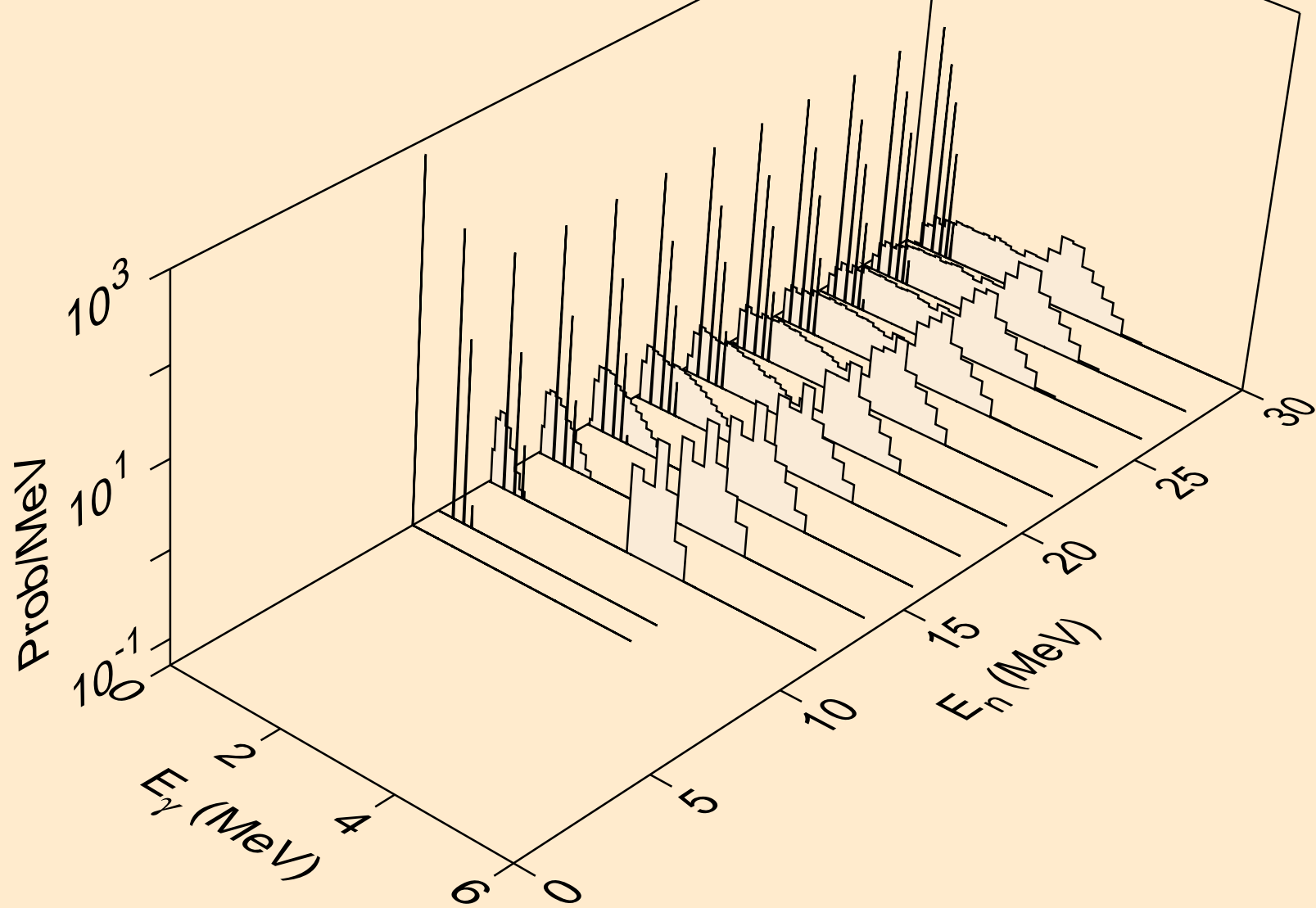
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



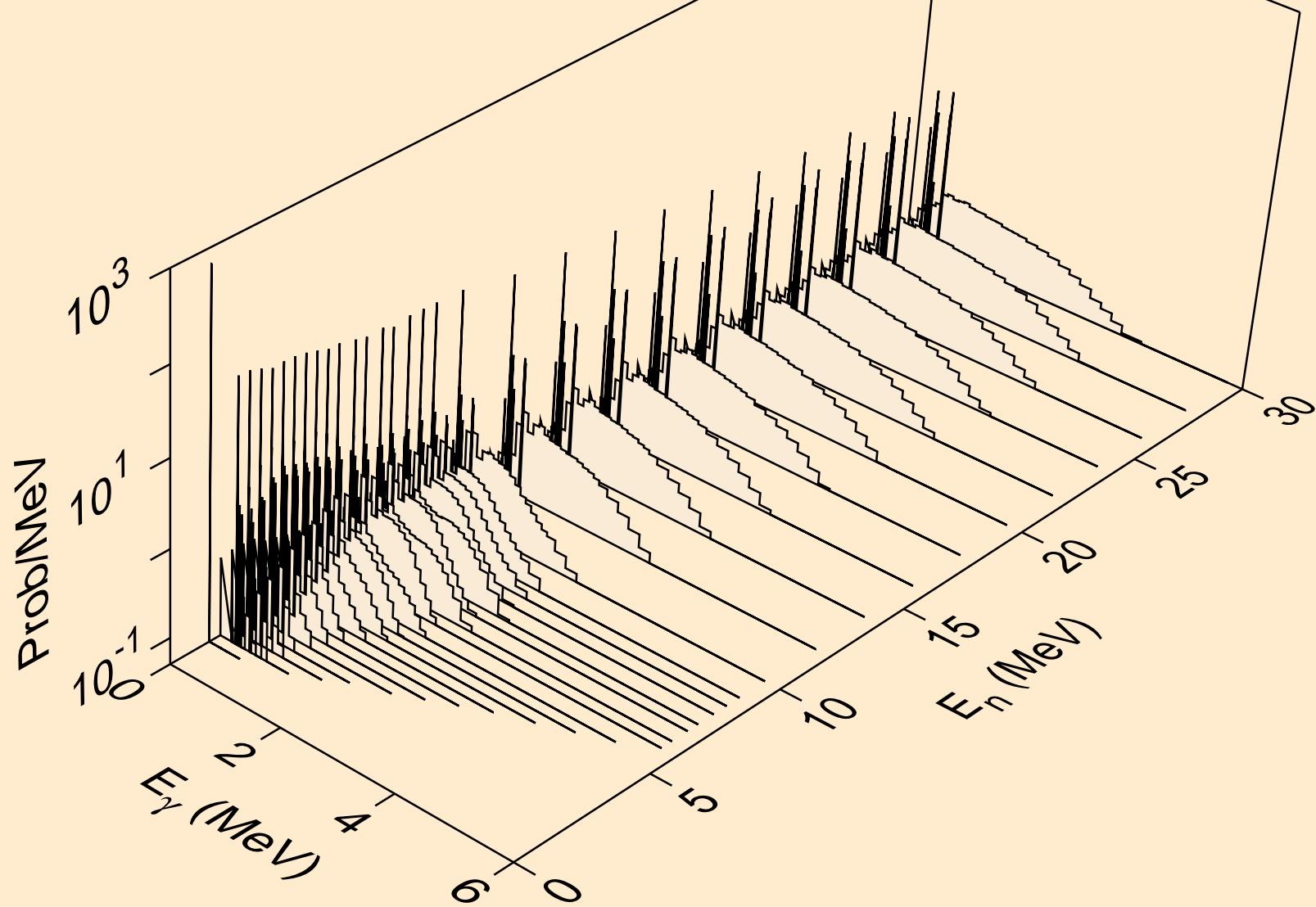
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



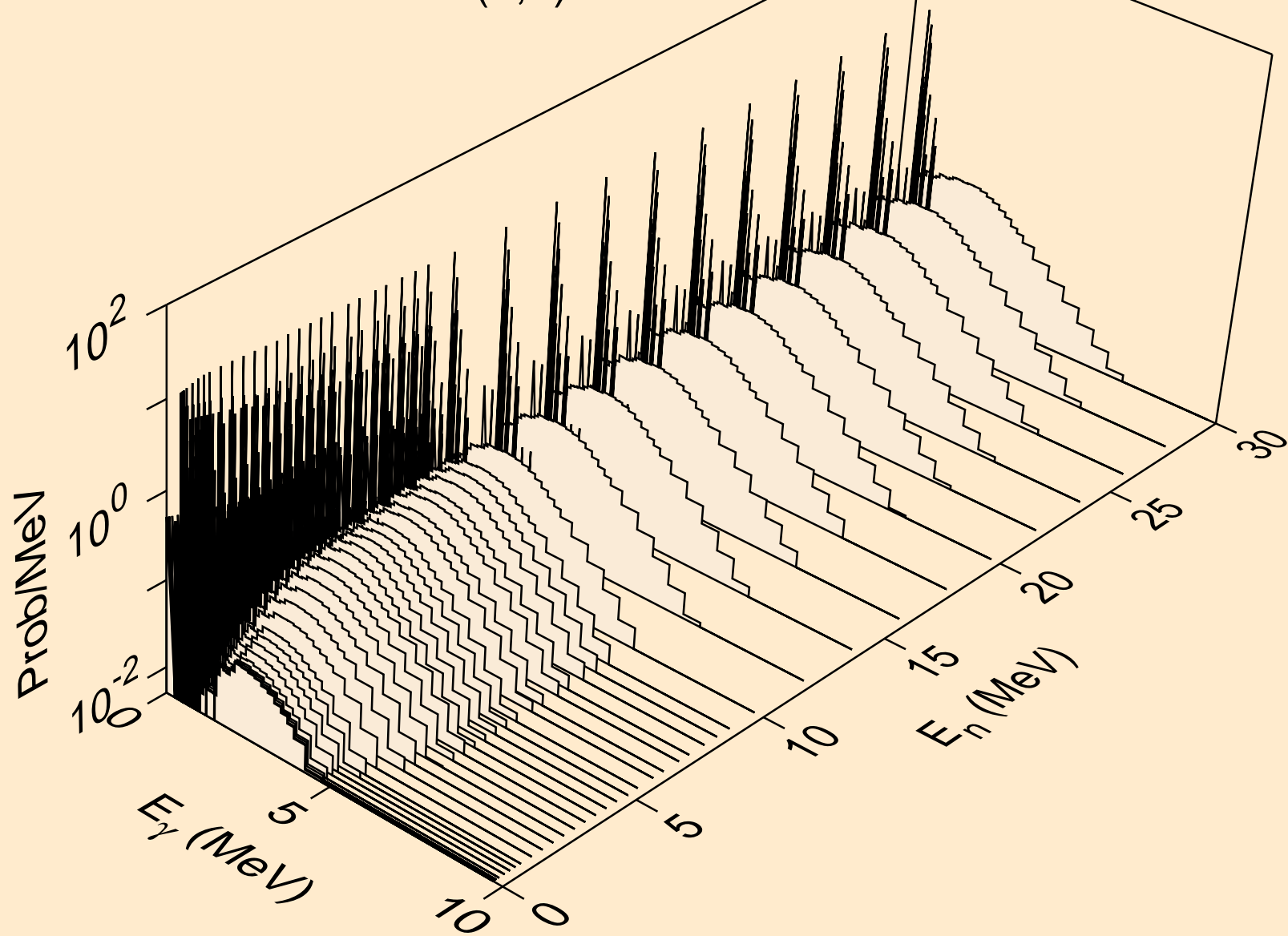
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



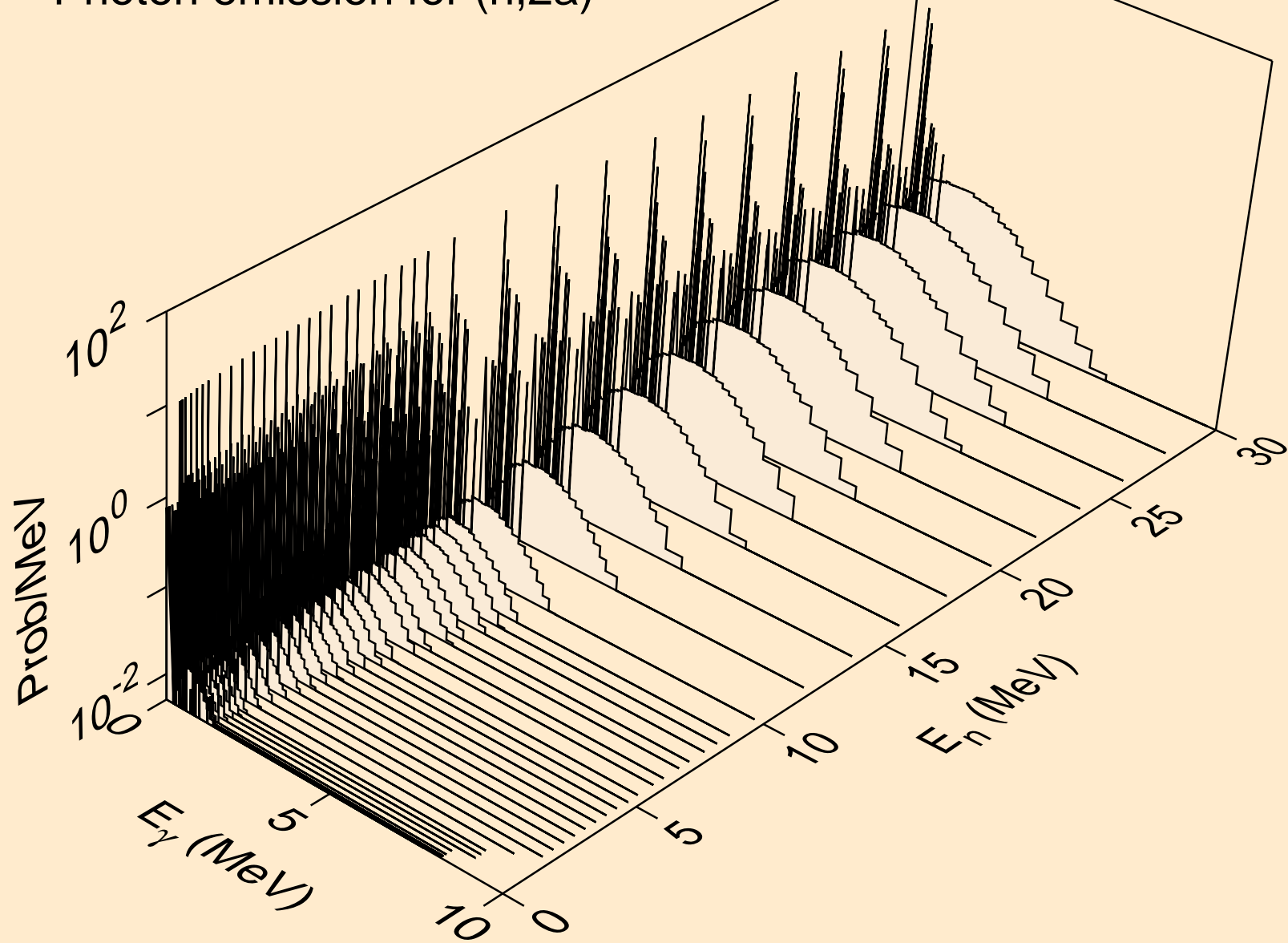
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



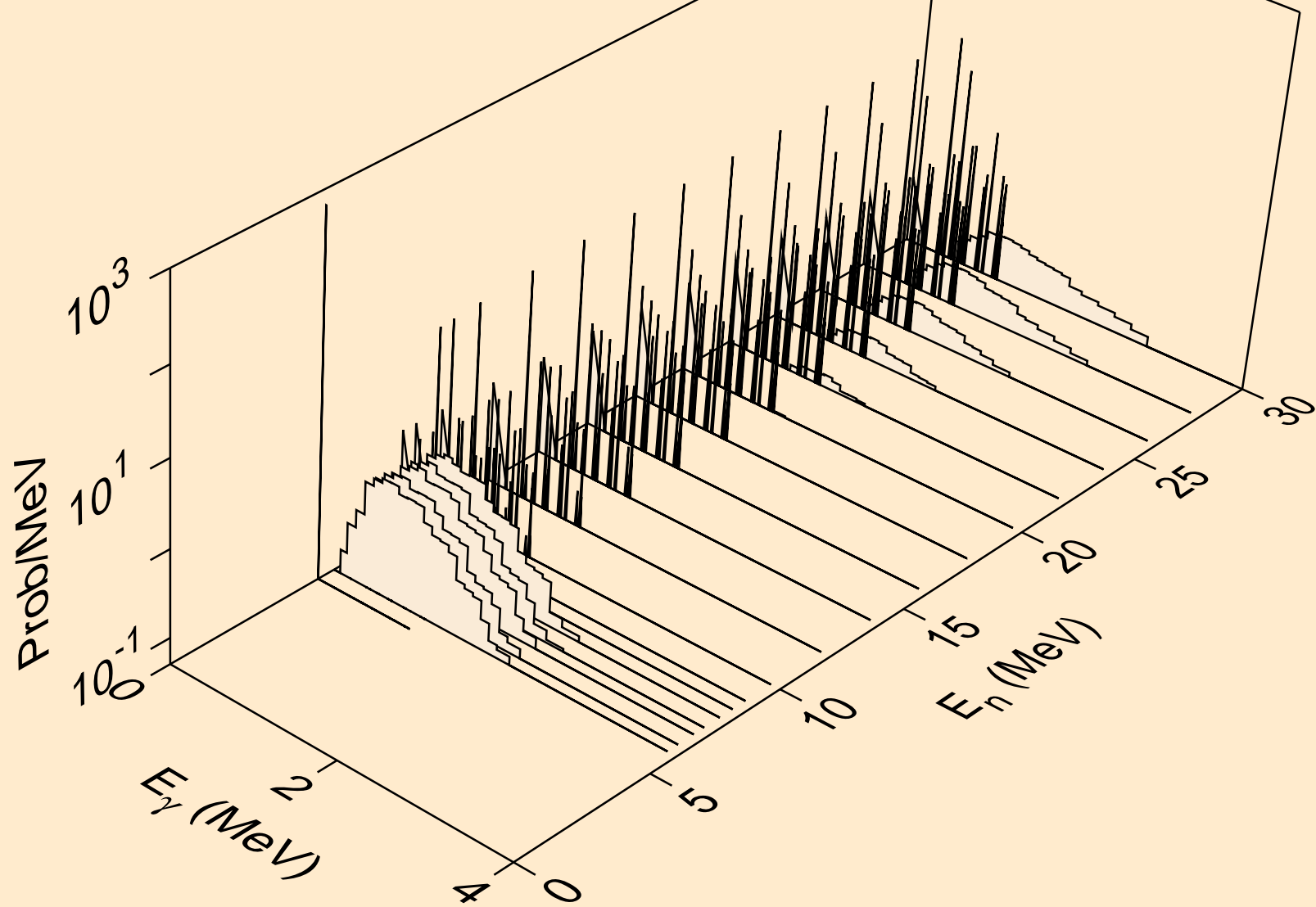
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



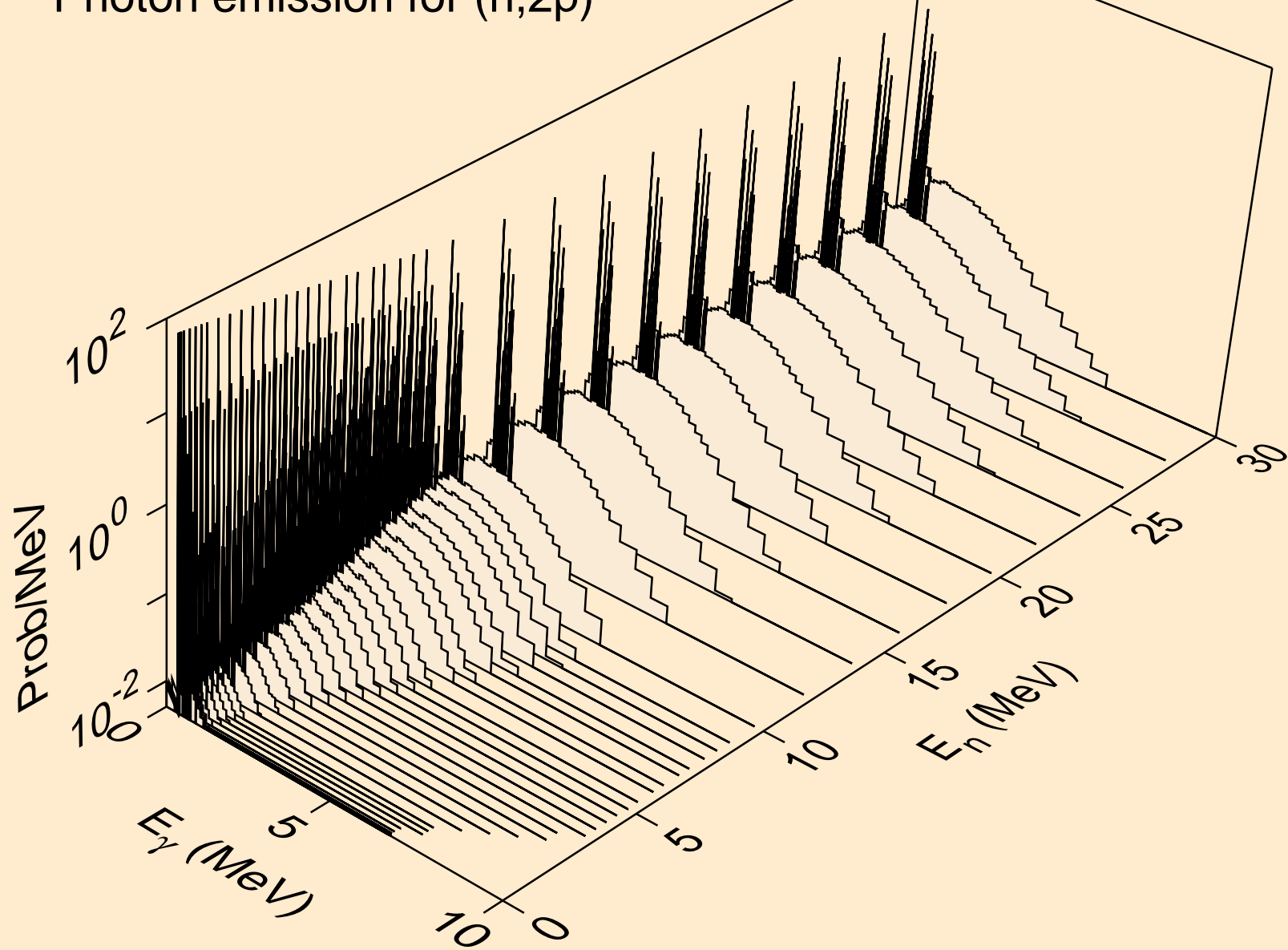
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



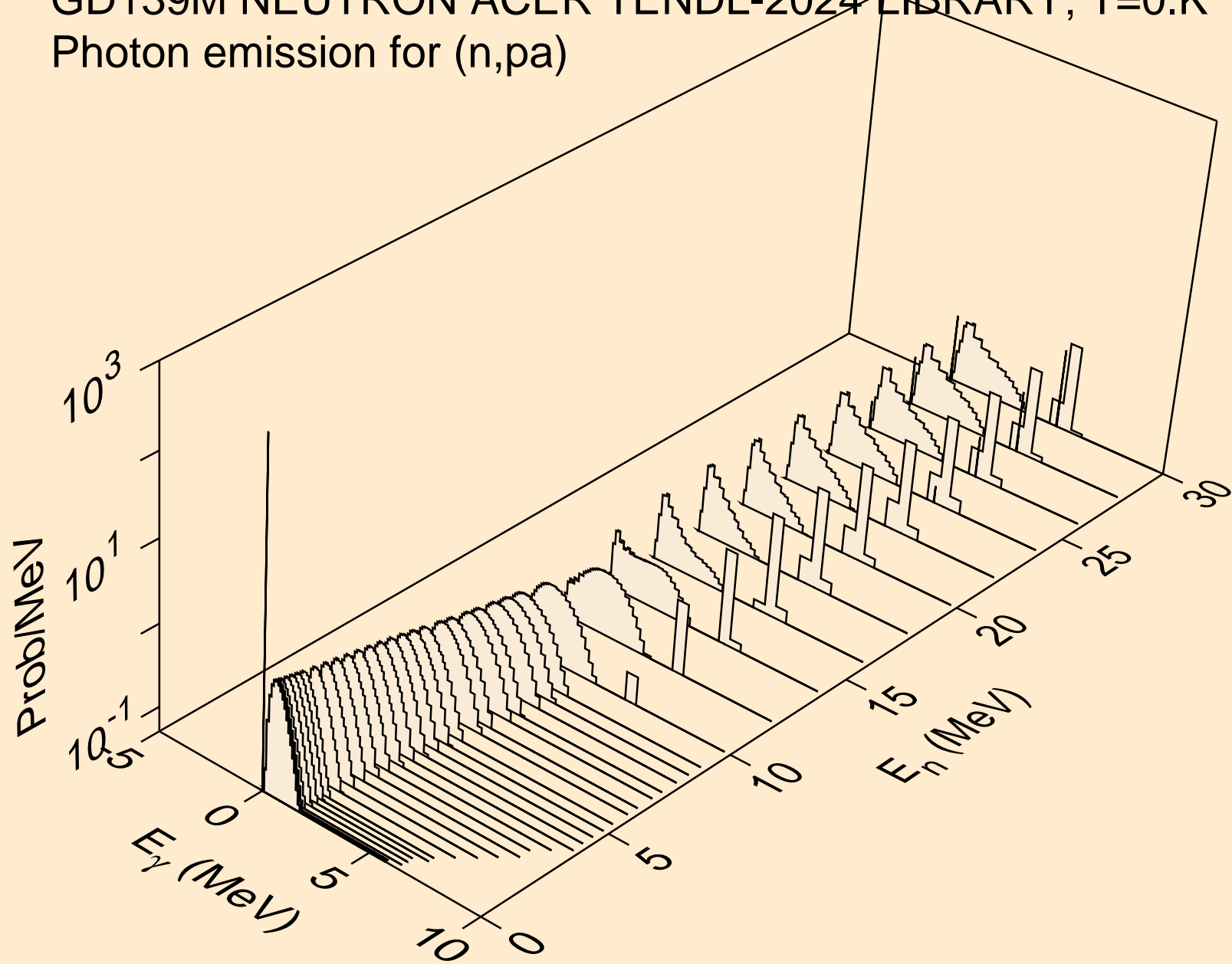
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3a)



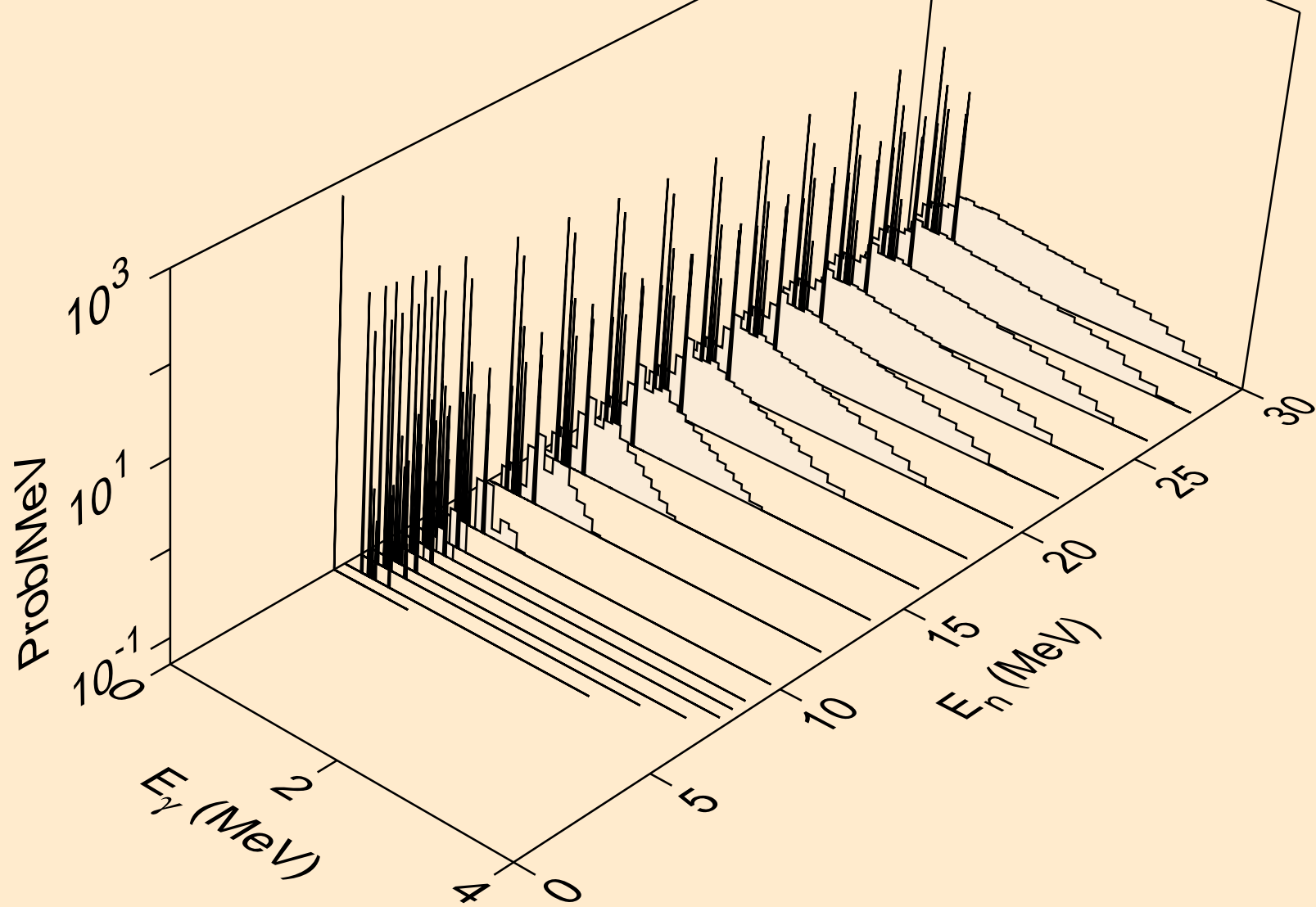
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



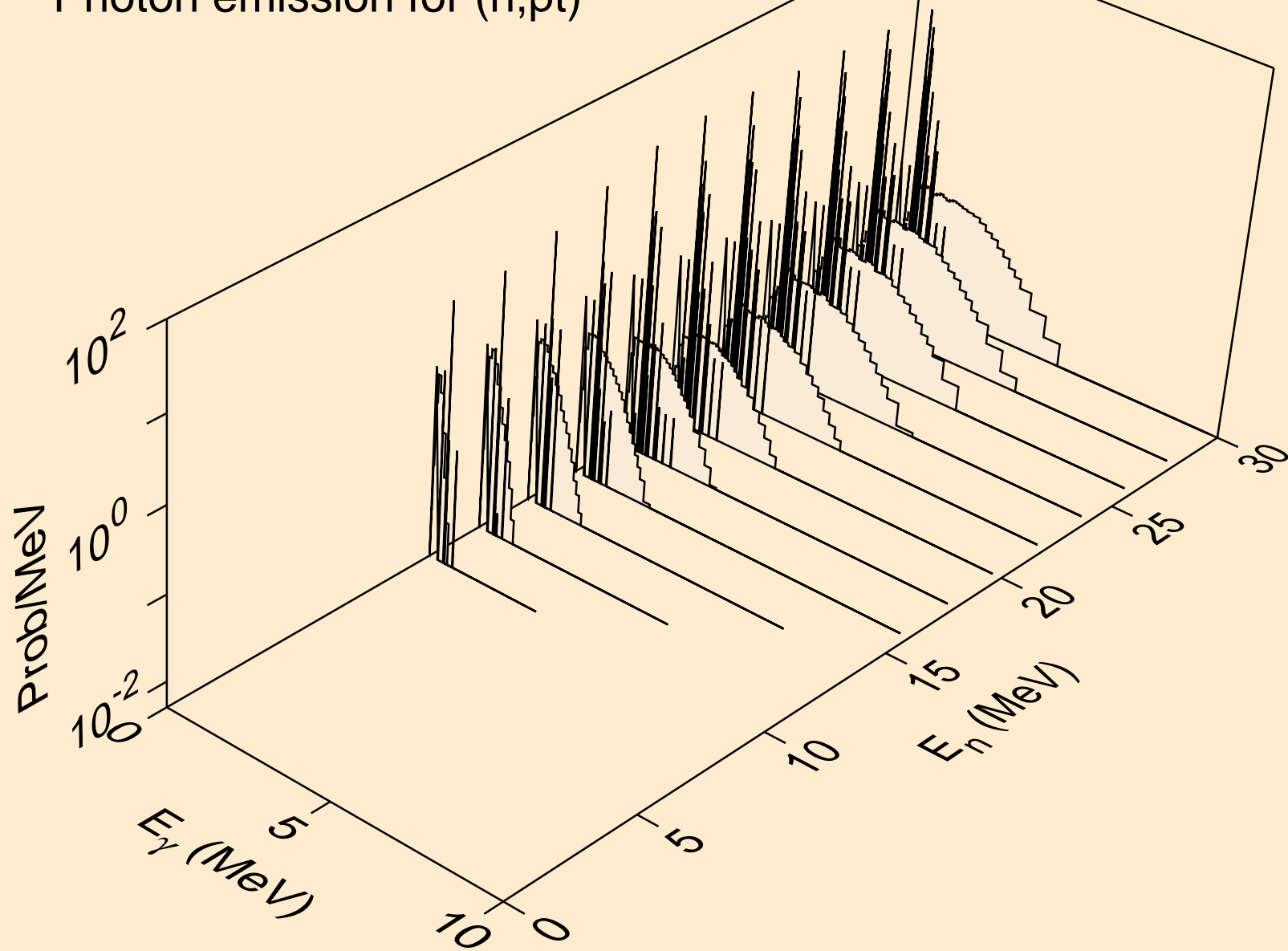
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p α)



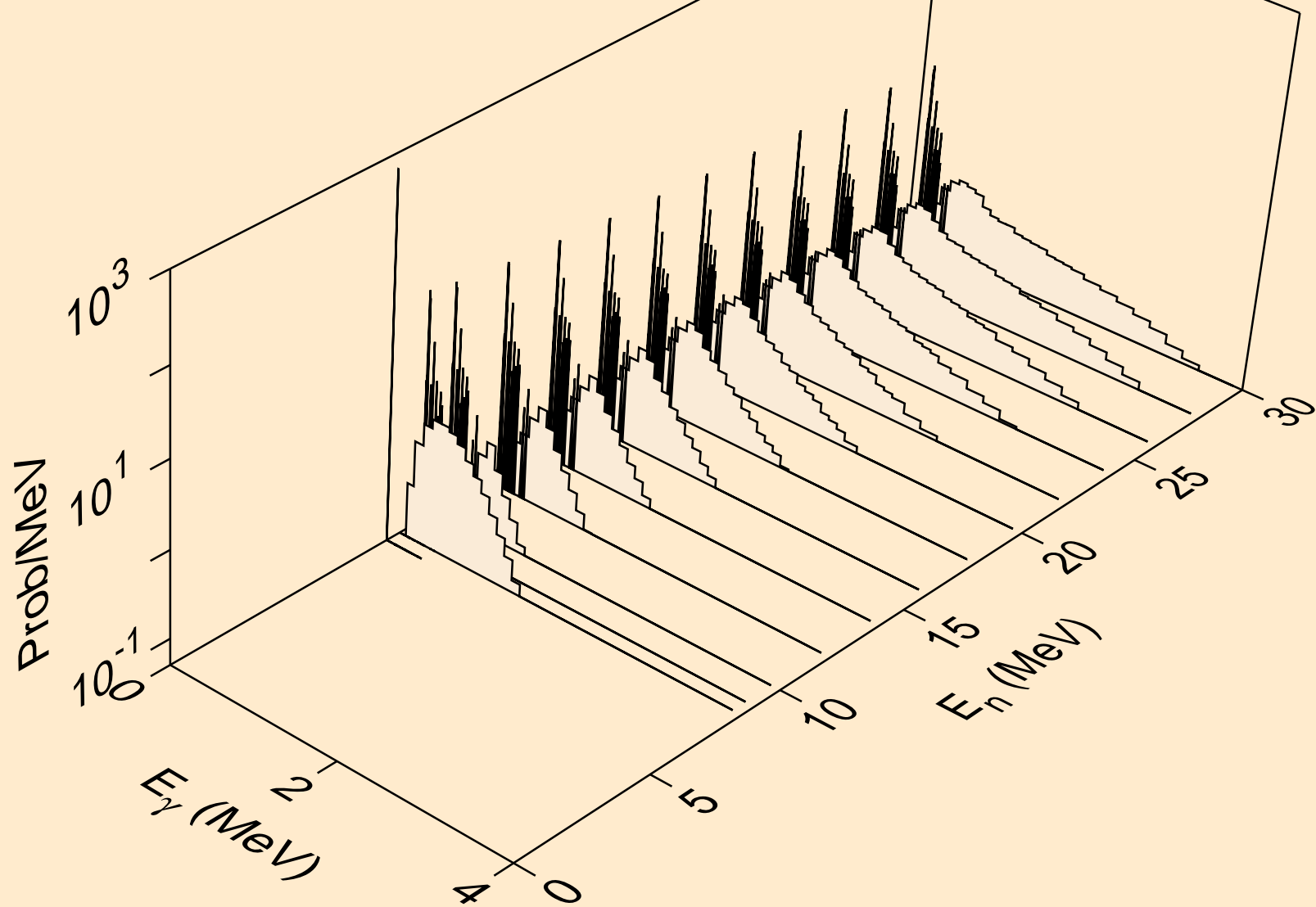
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



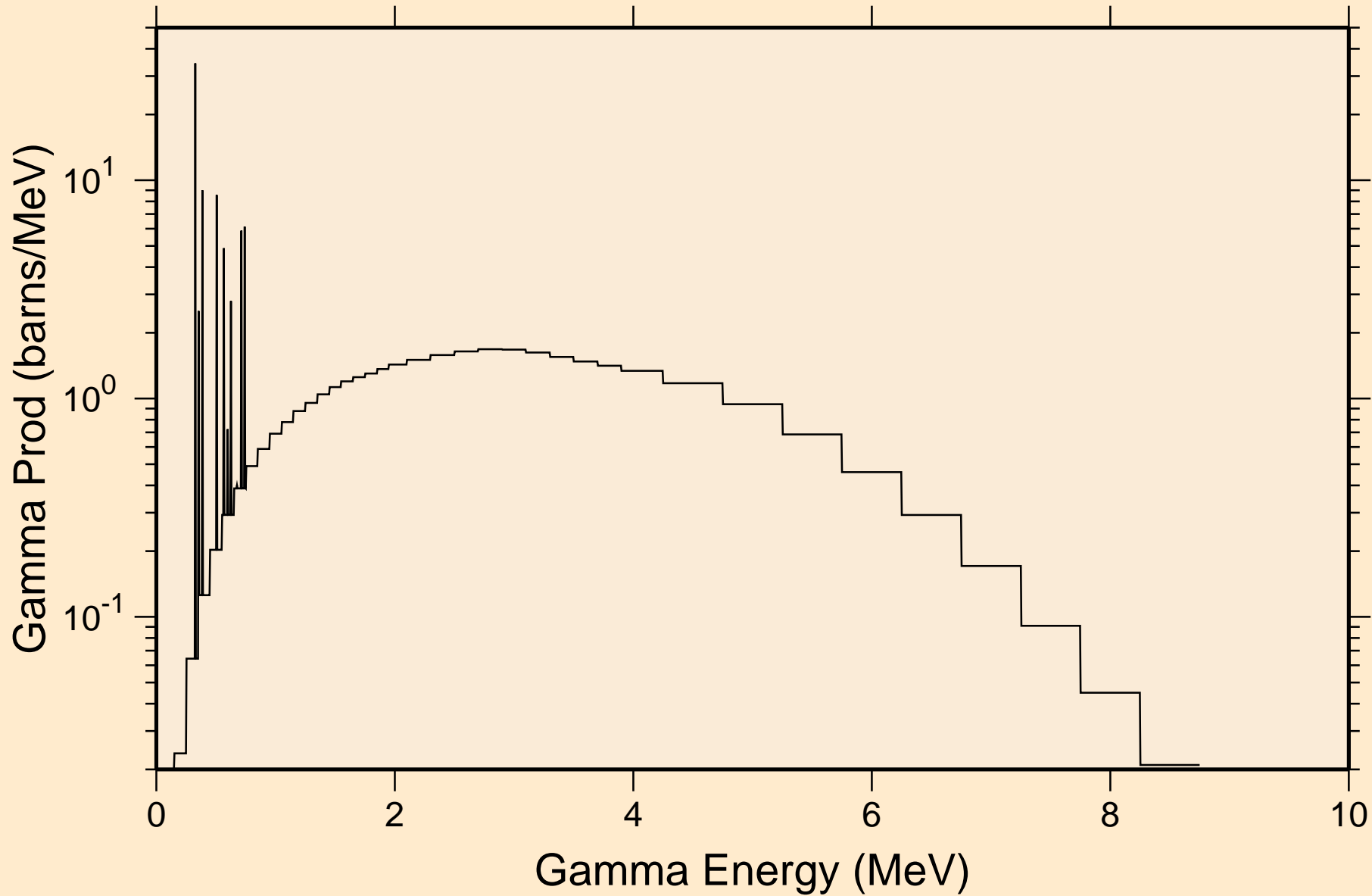
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



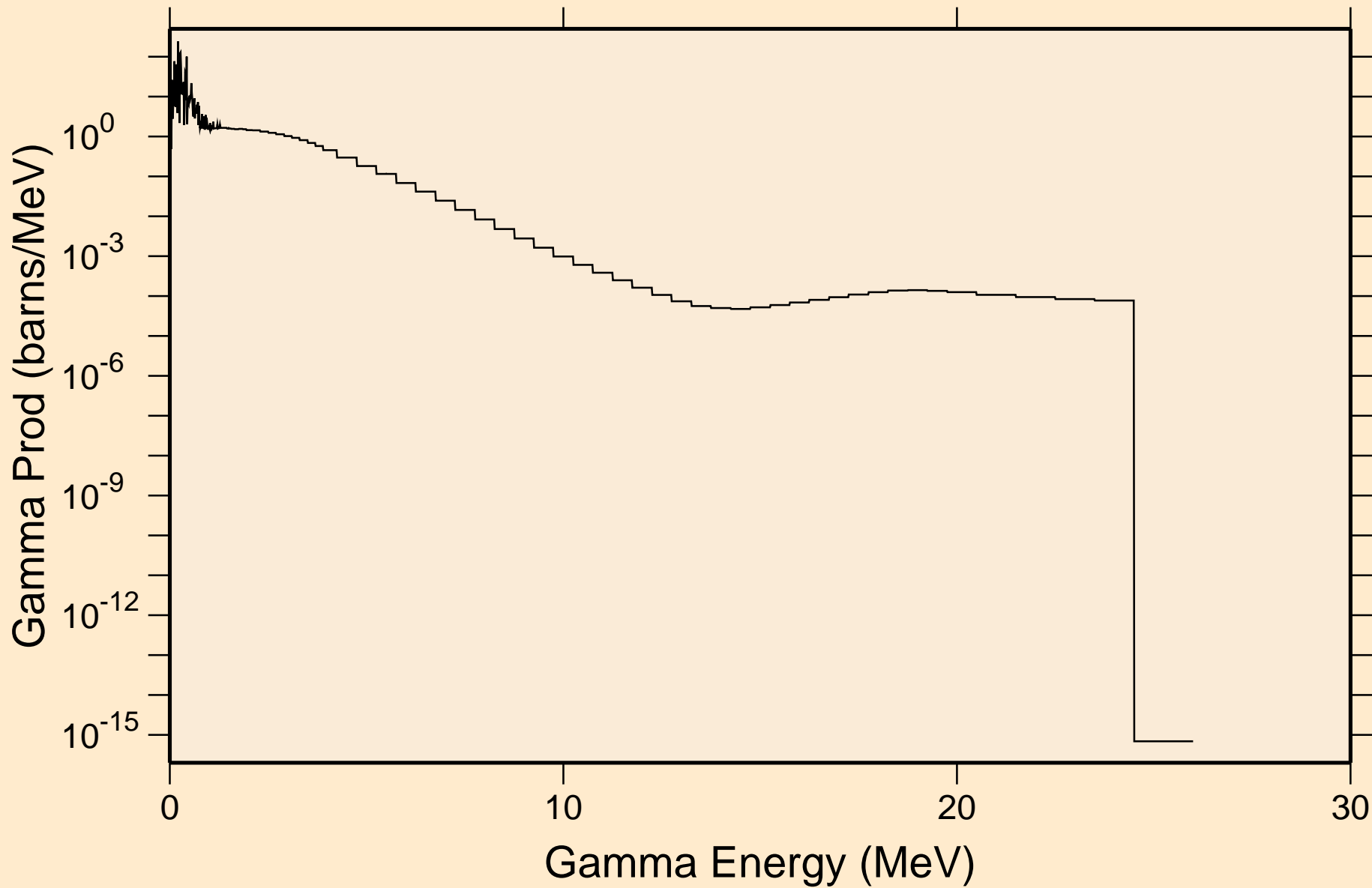
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

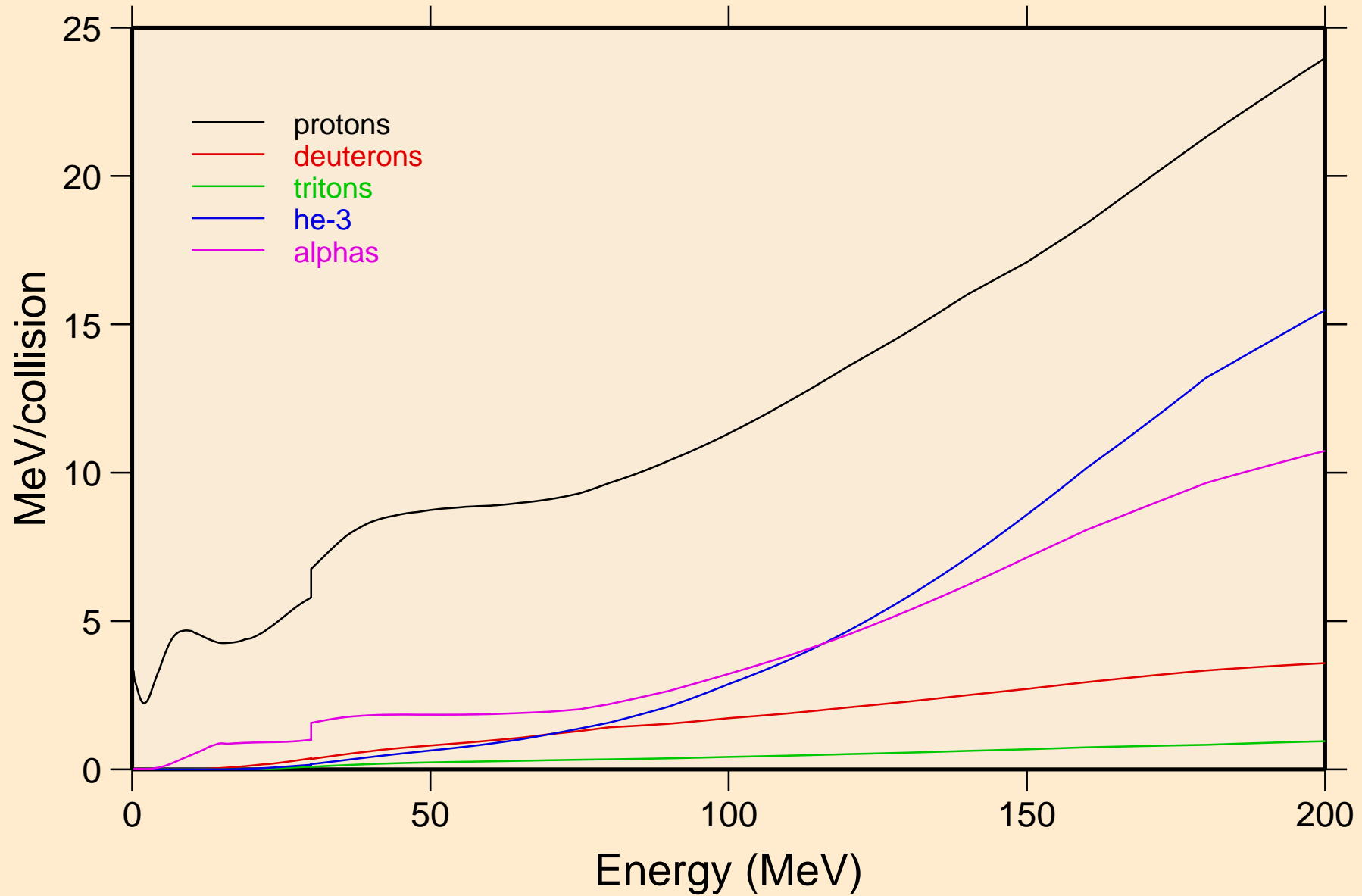


GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum

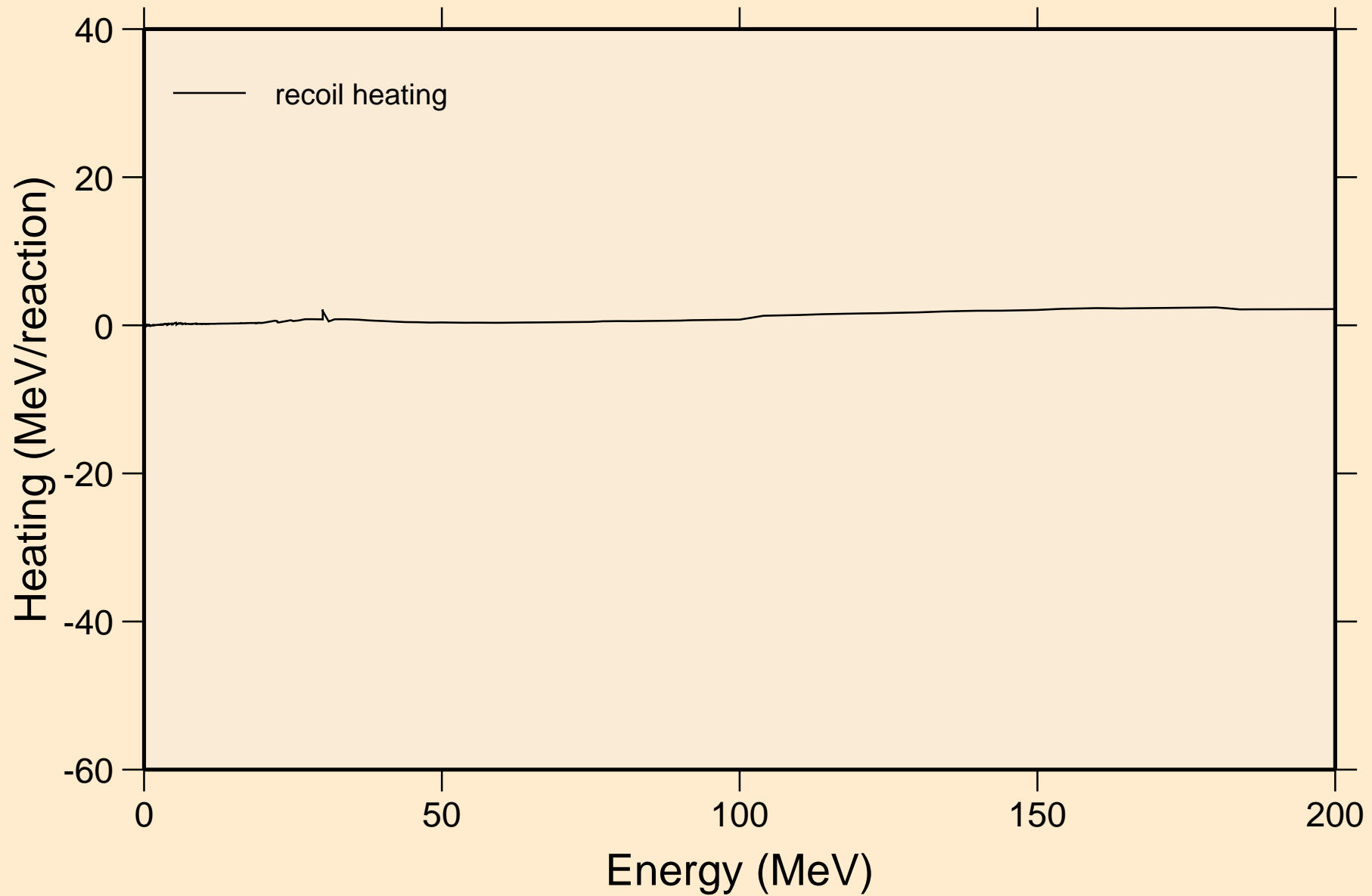


GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

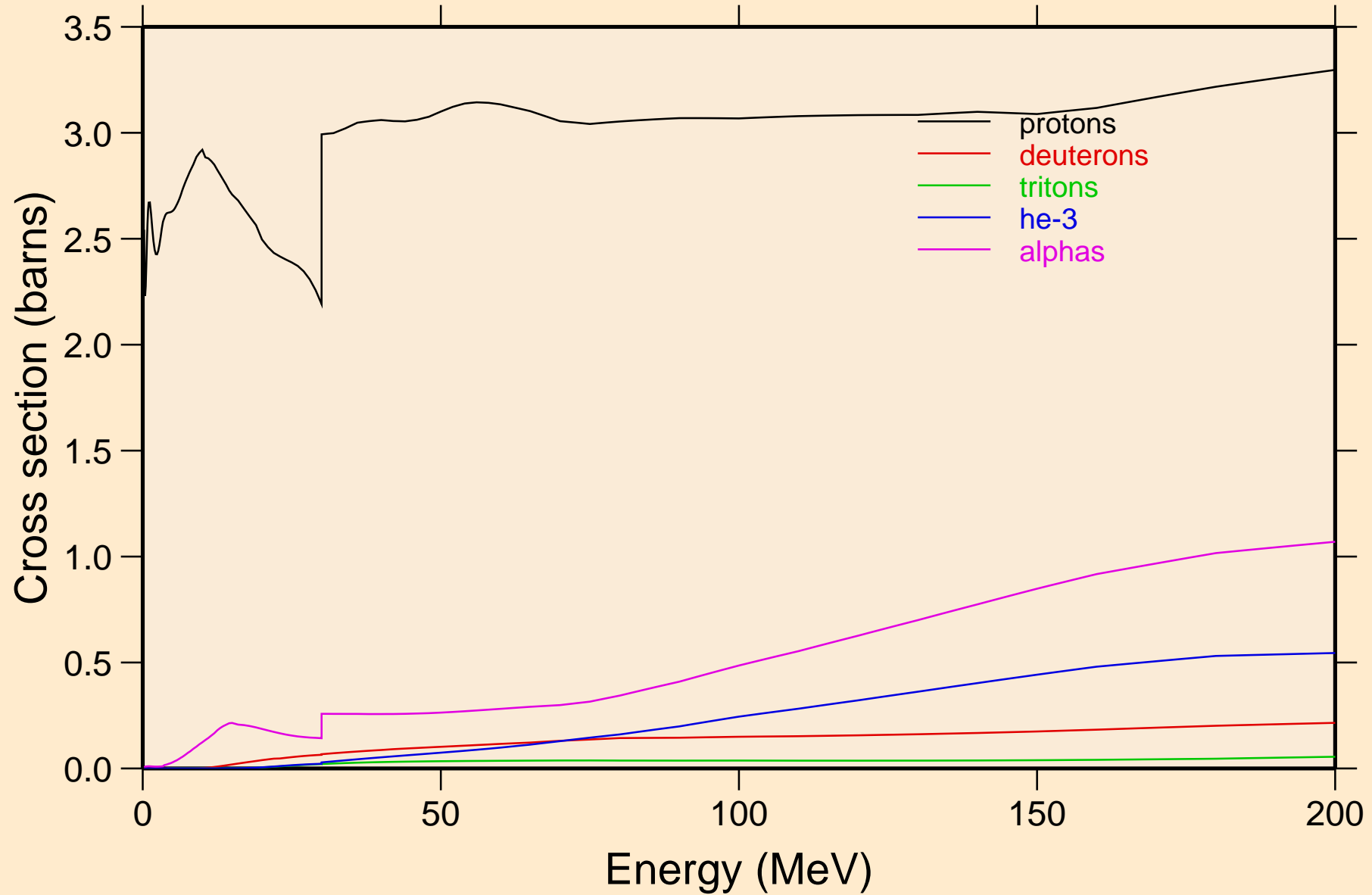
Particle heating contributions



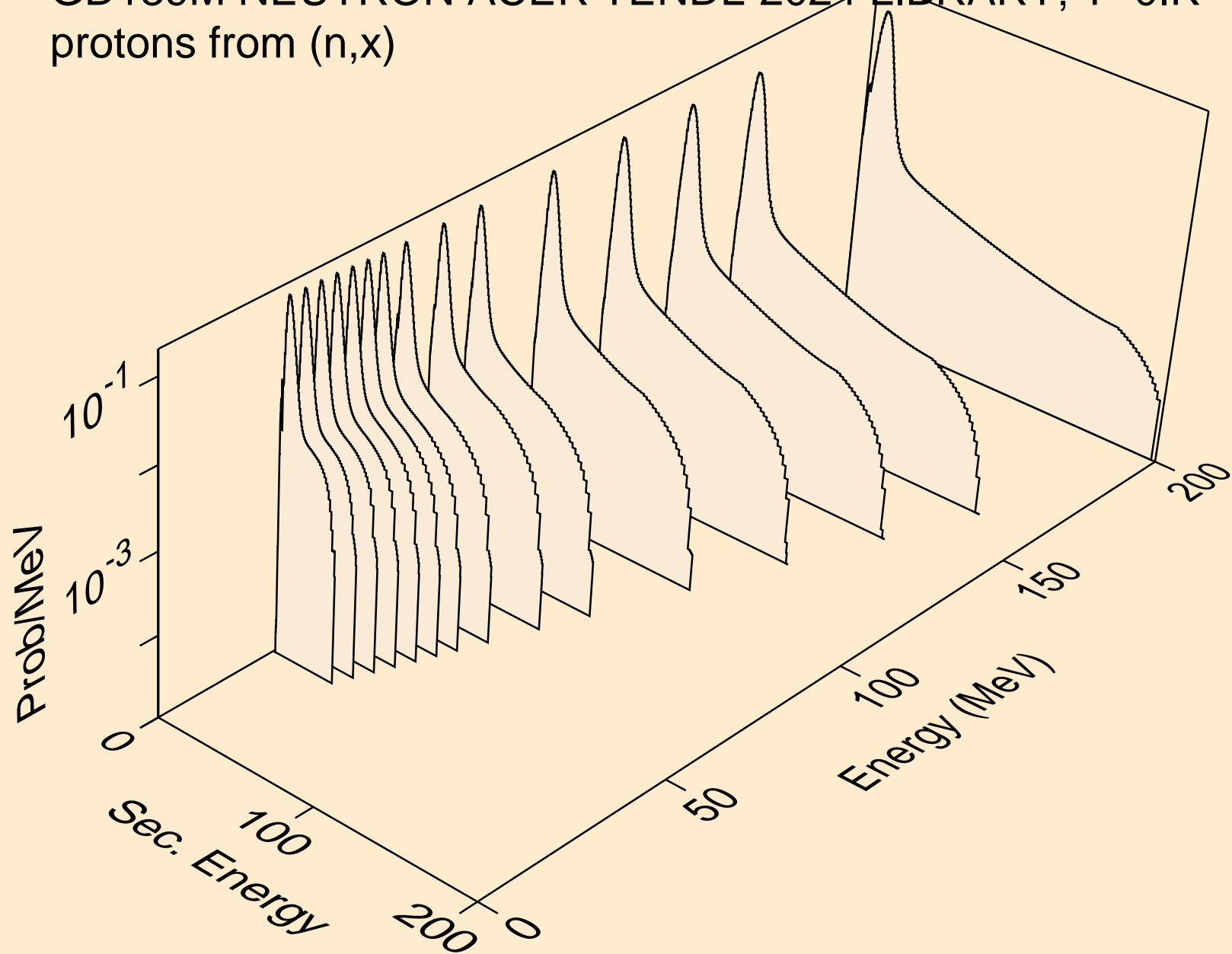
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating



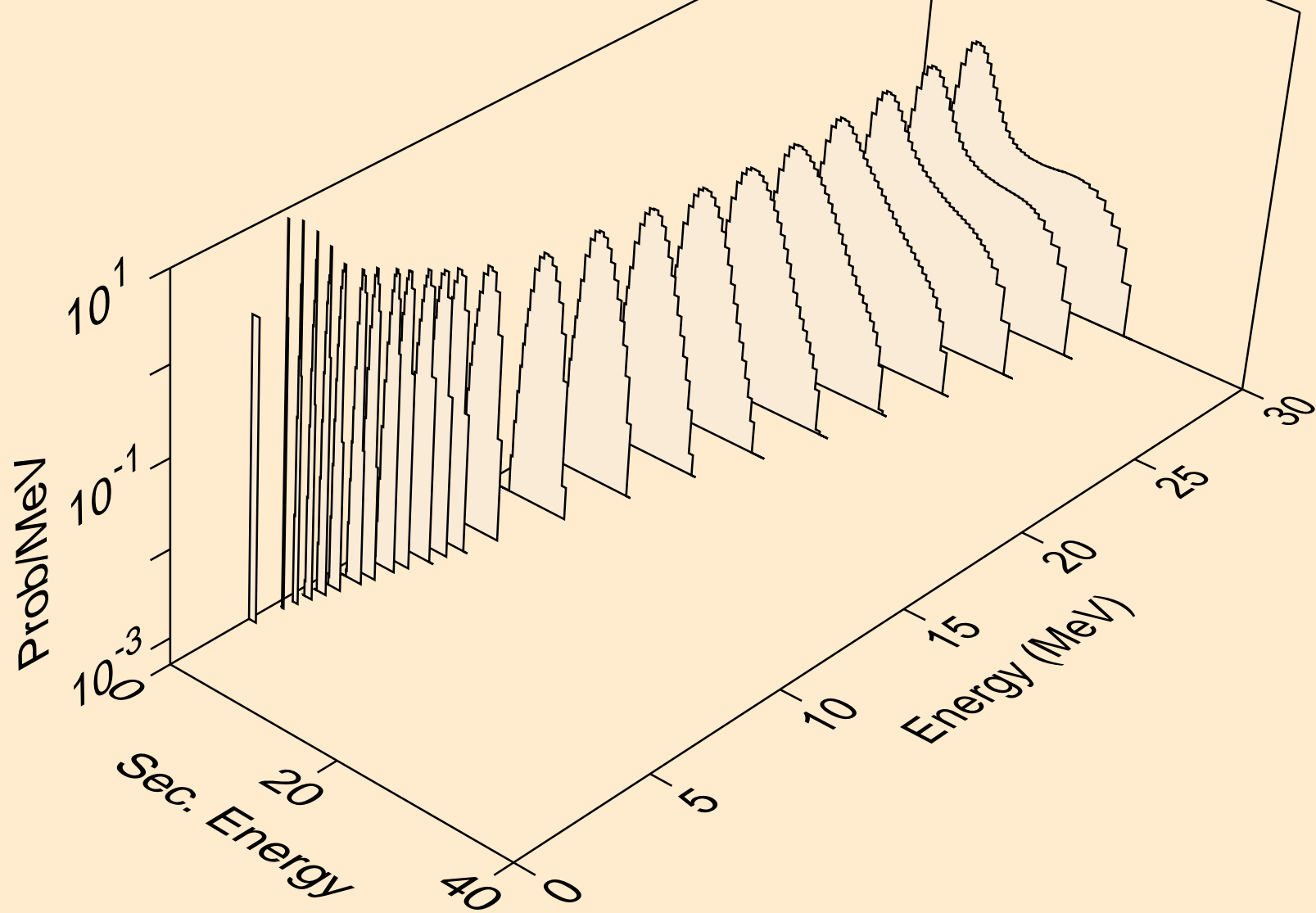
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Particle production cross sections



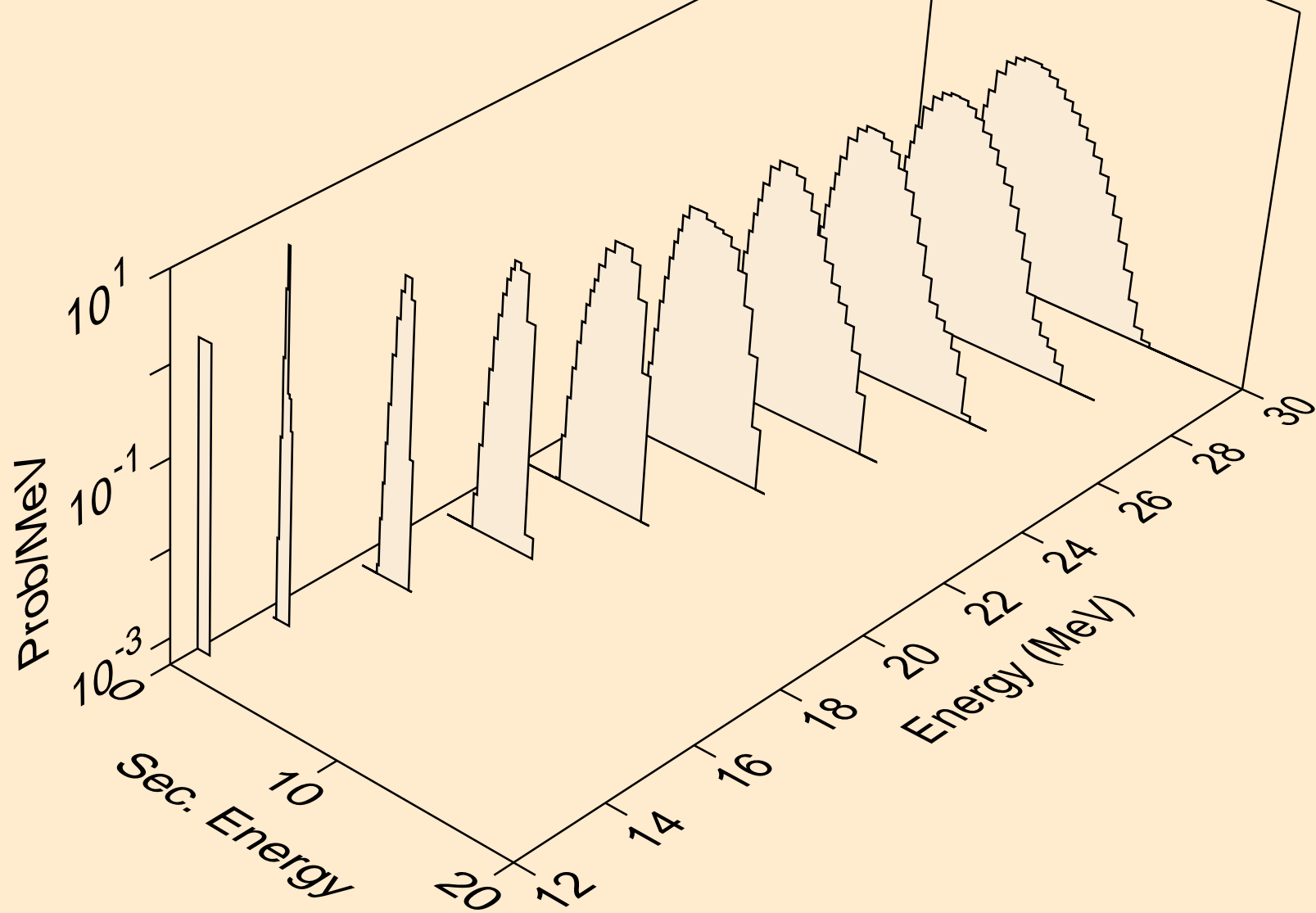
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



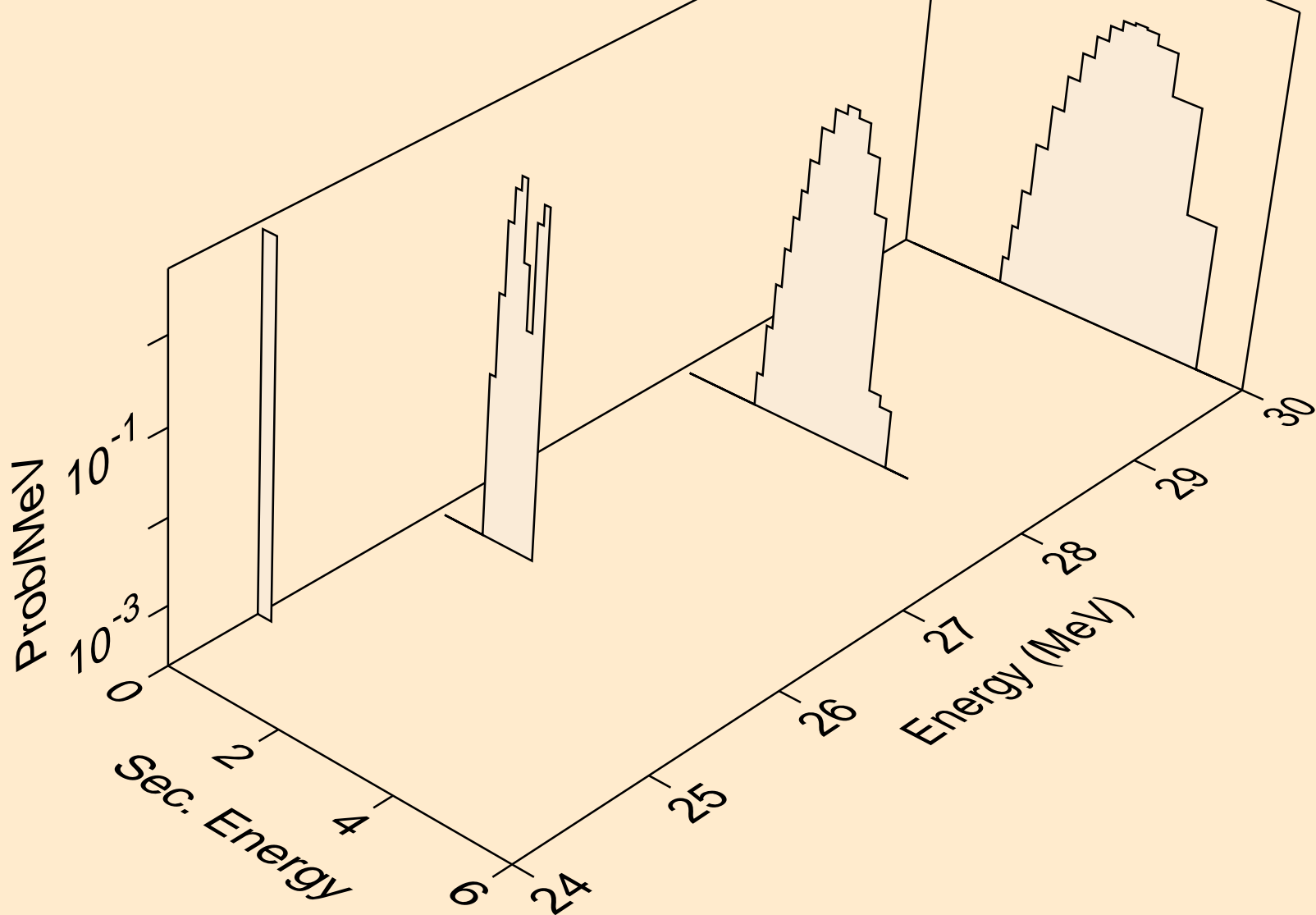
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



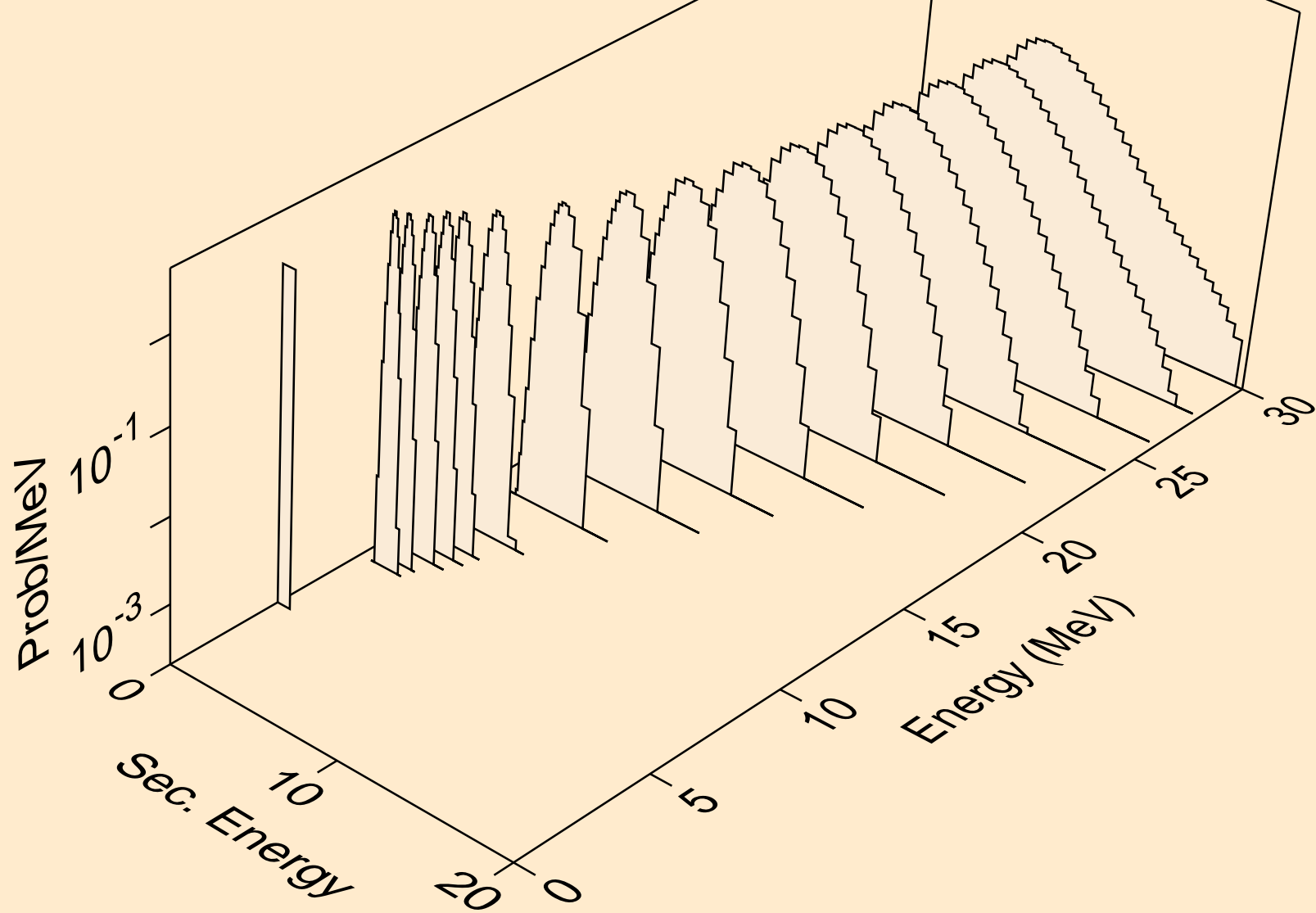
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



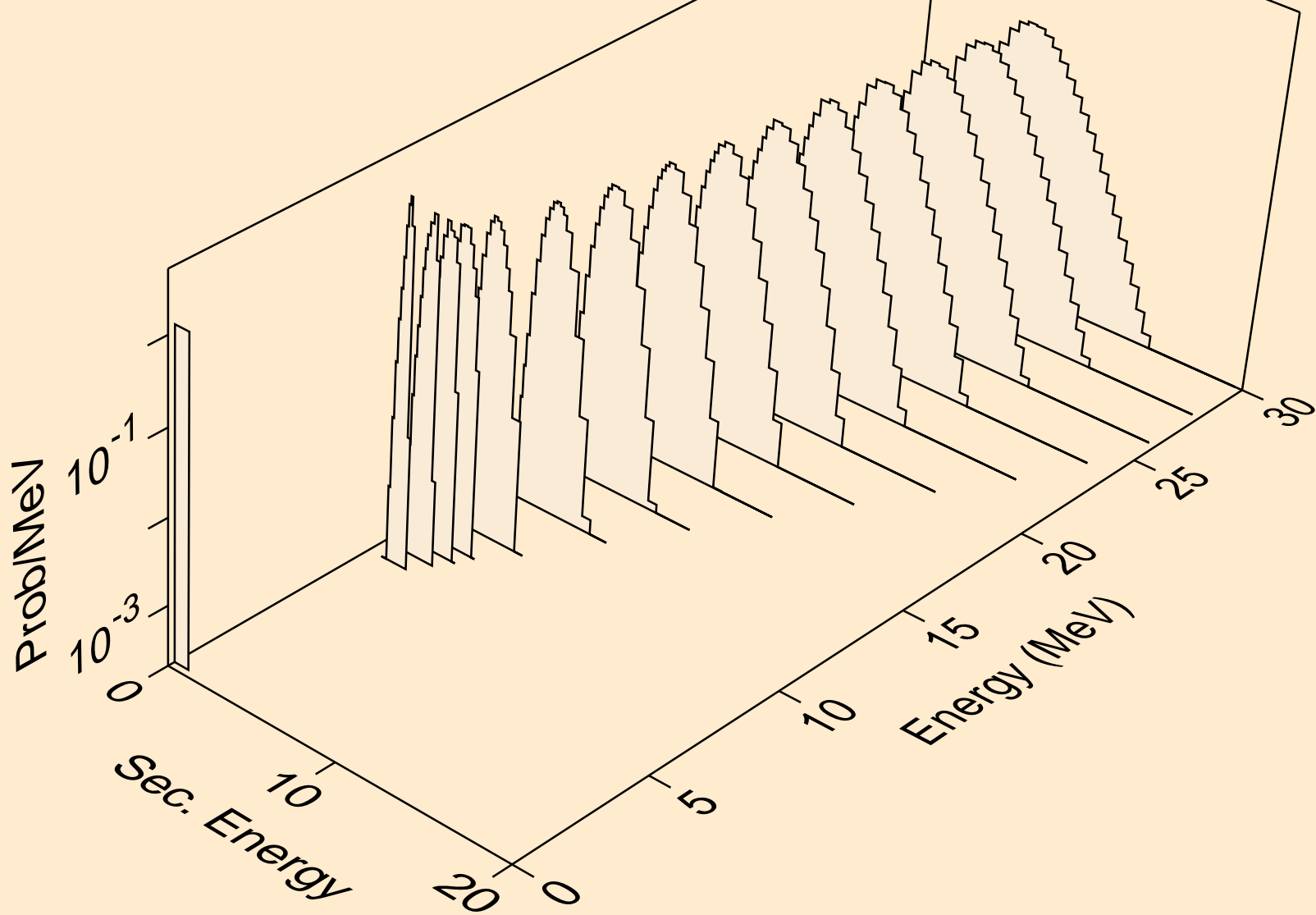
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,3np)



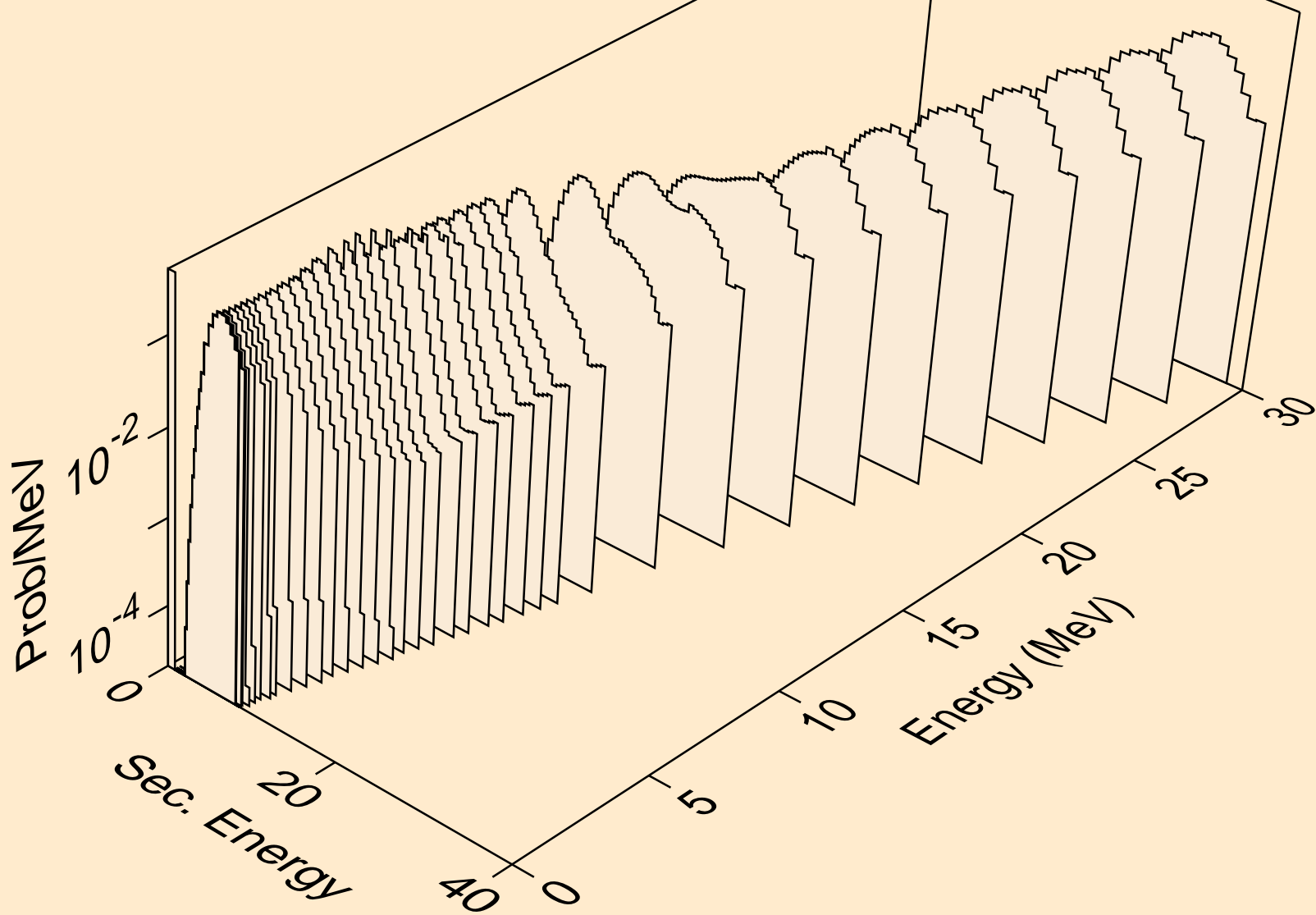
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n2p)



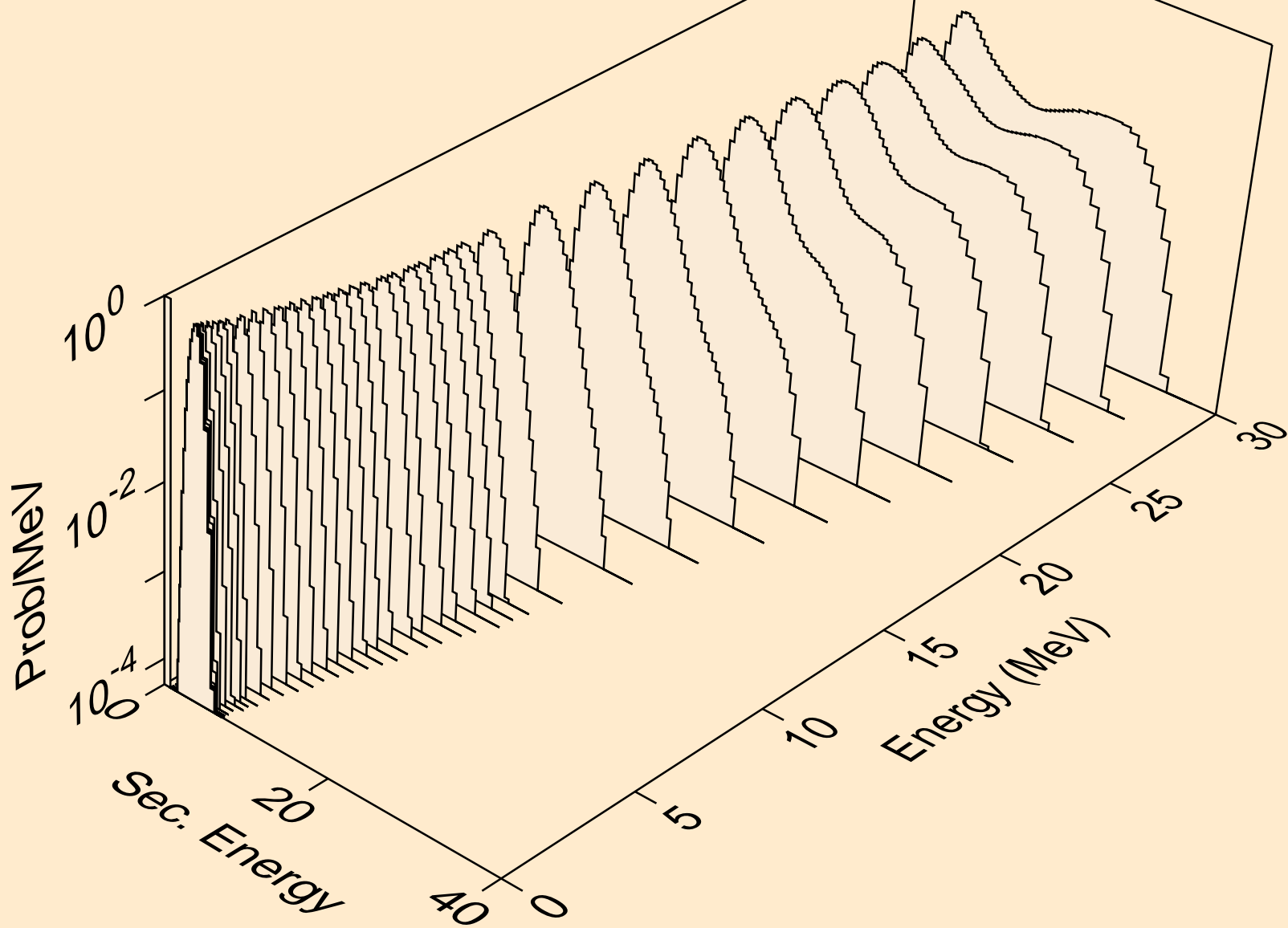
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,npa)



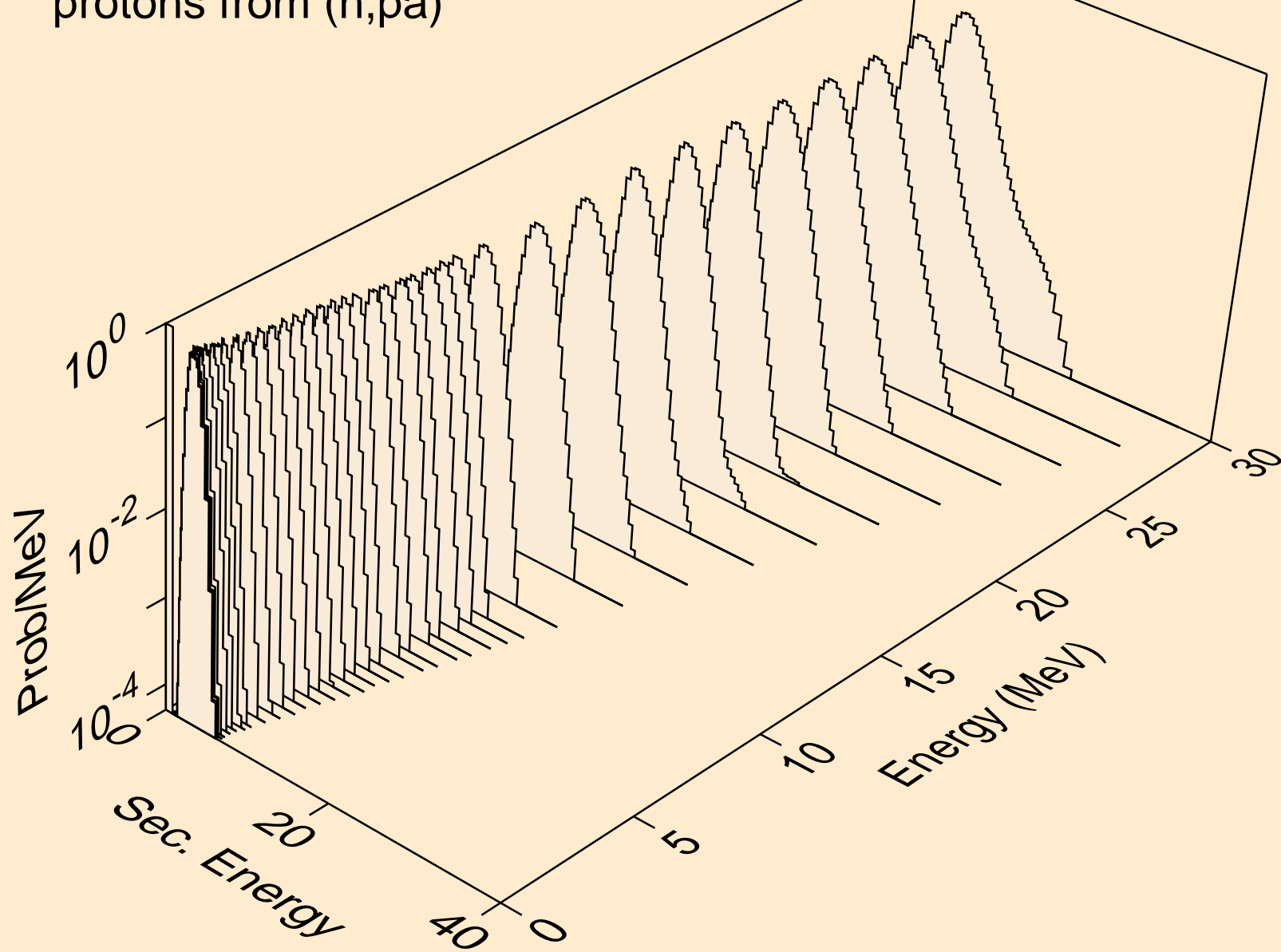
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



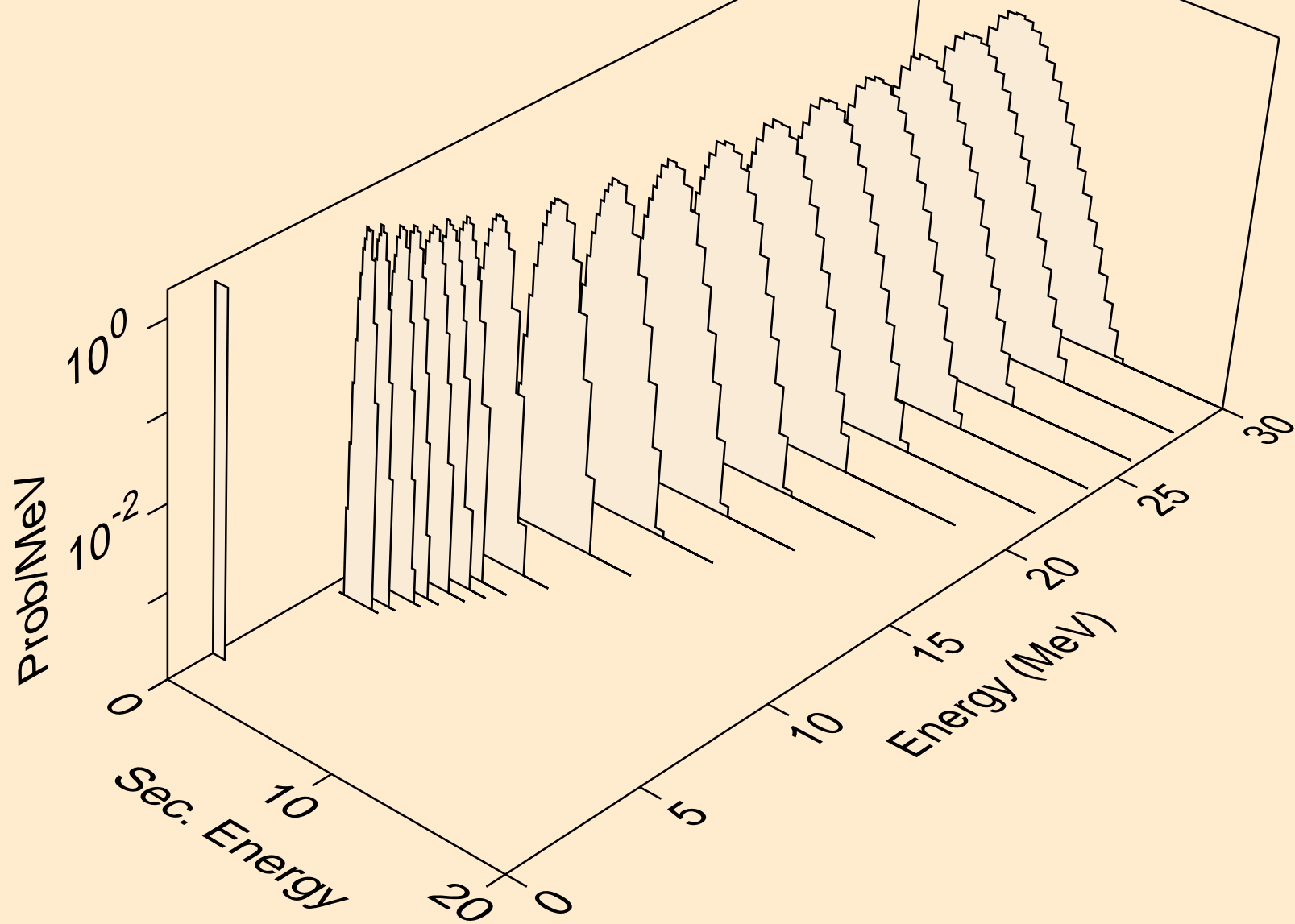
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2p)



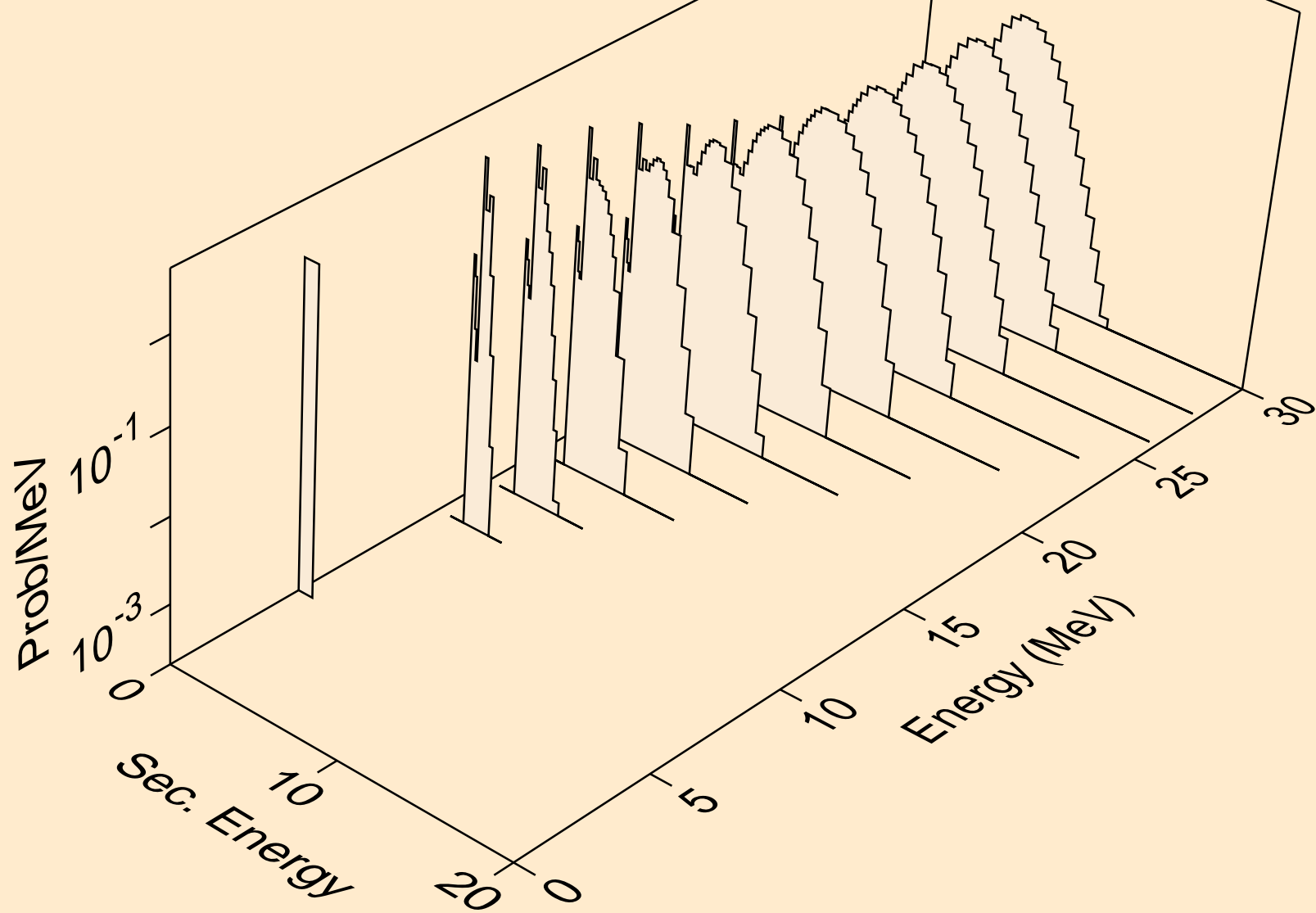
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



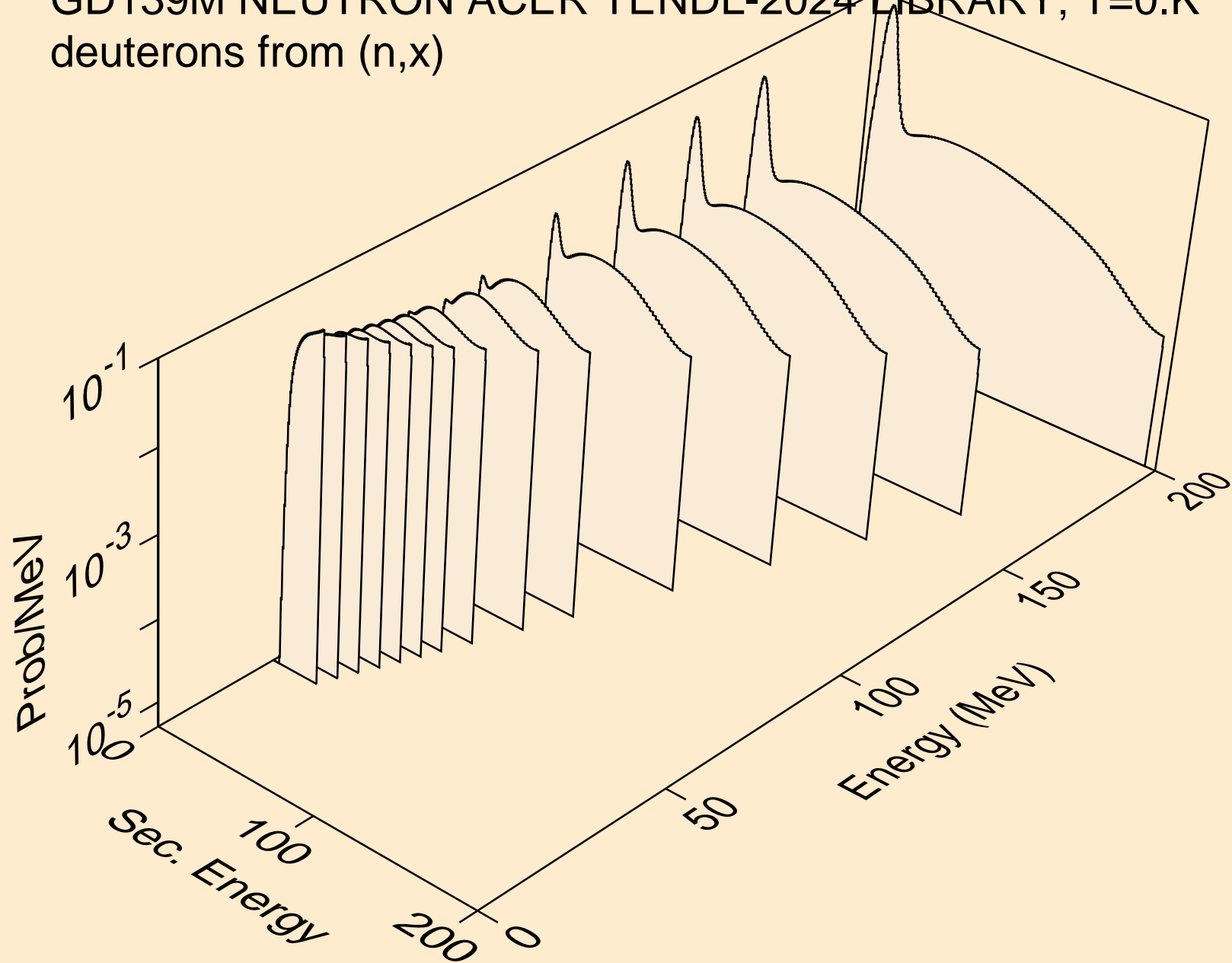
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pd)



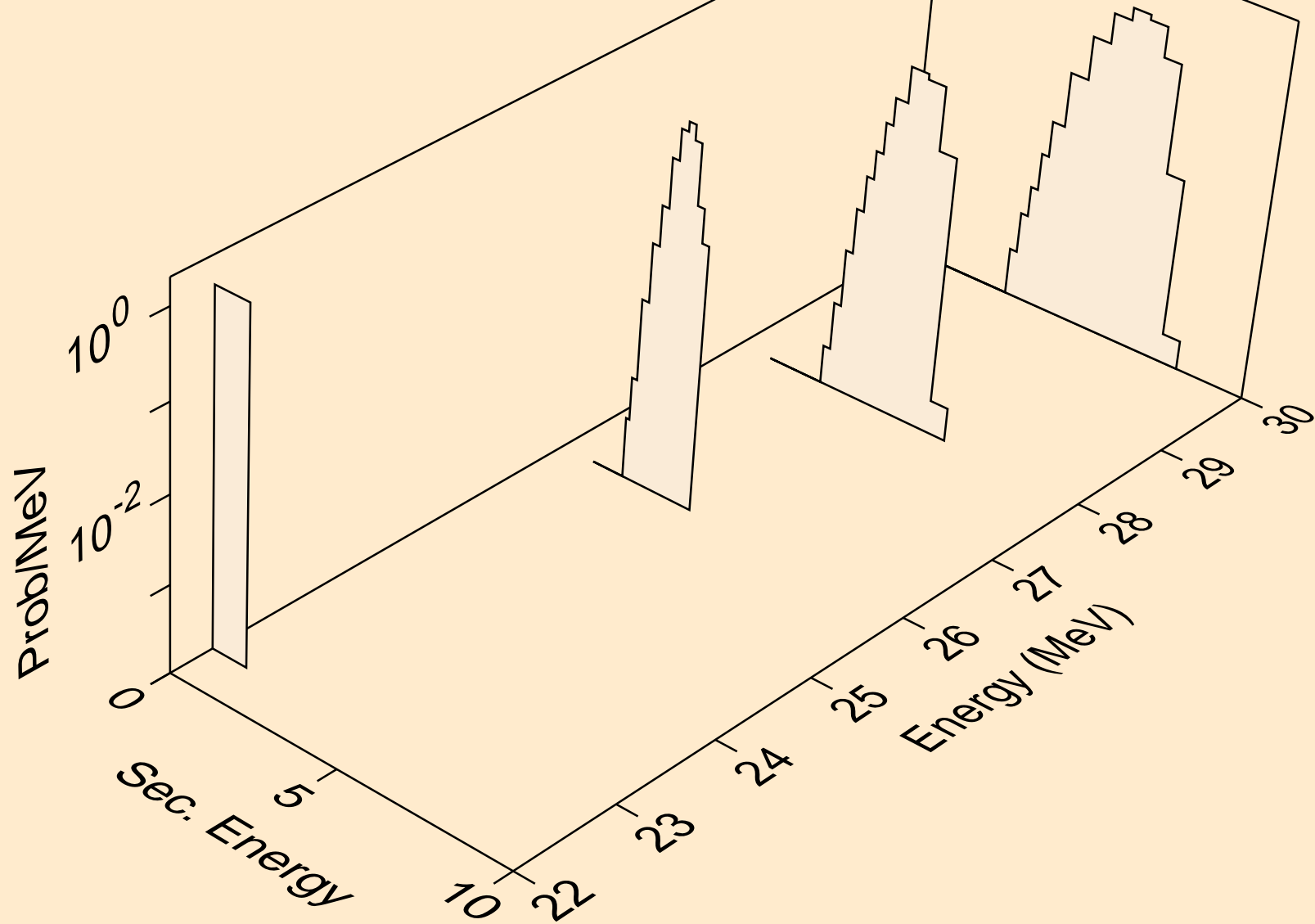
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pt)



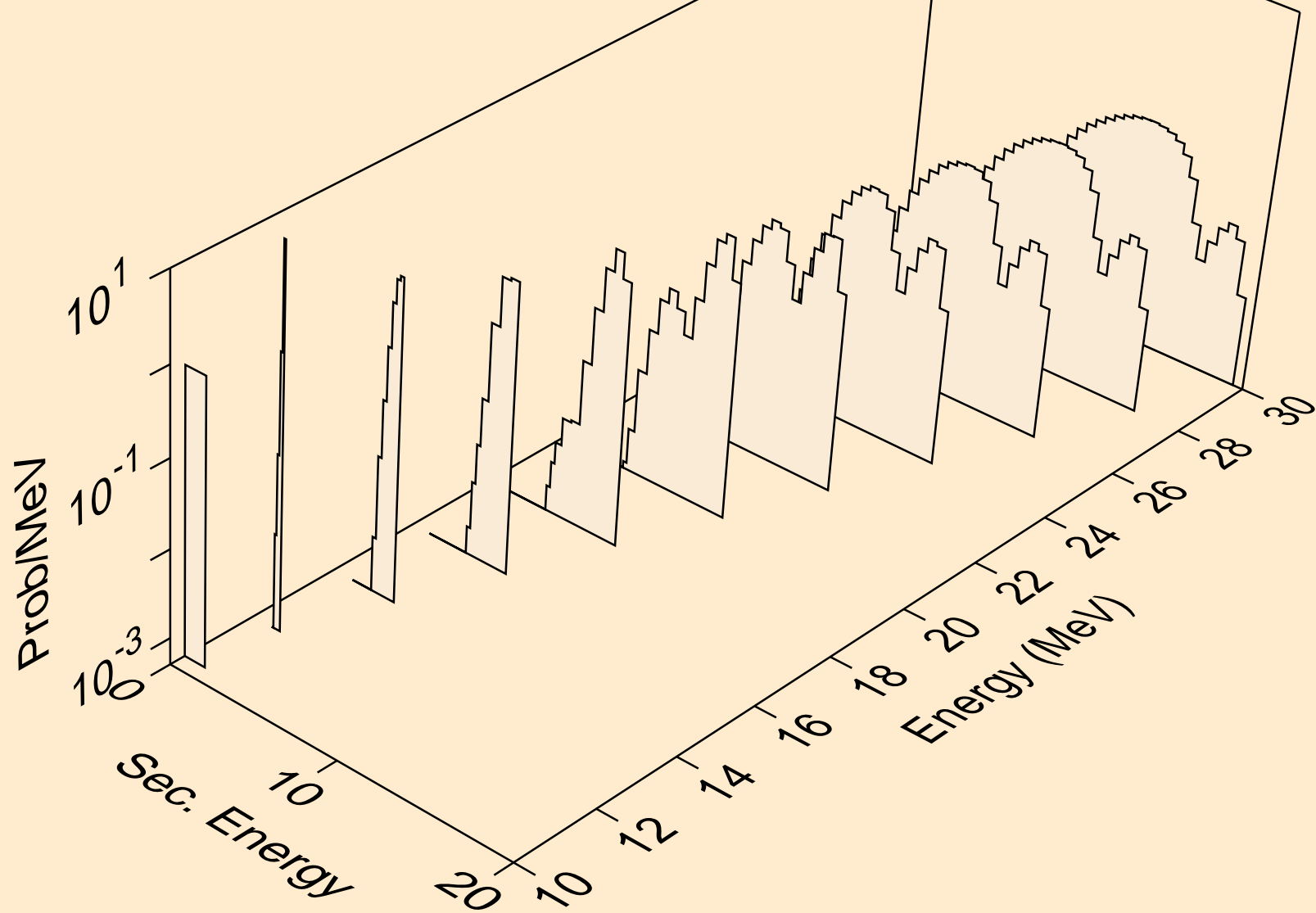
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



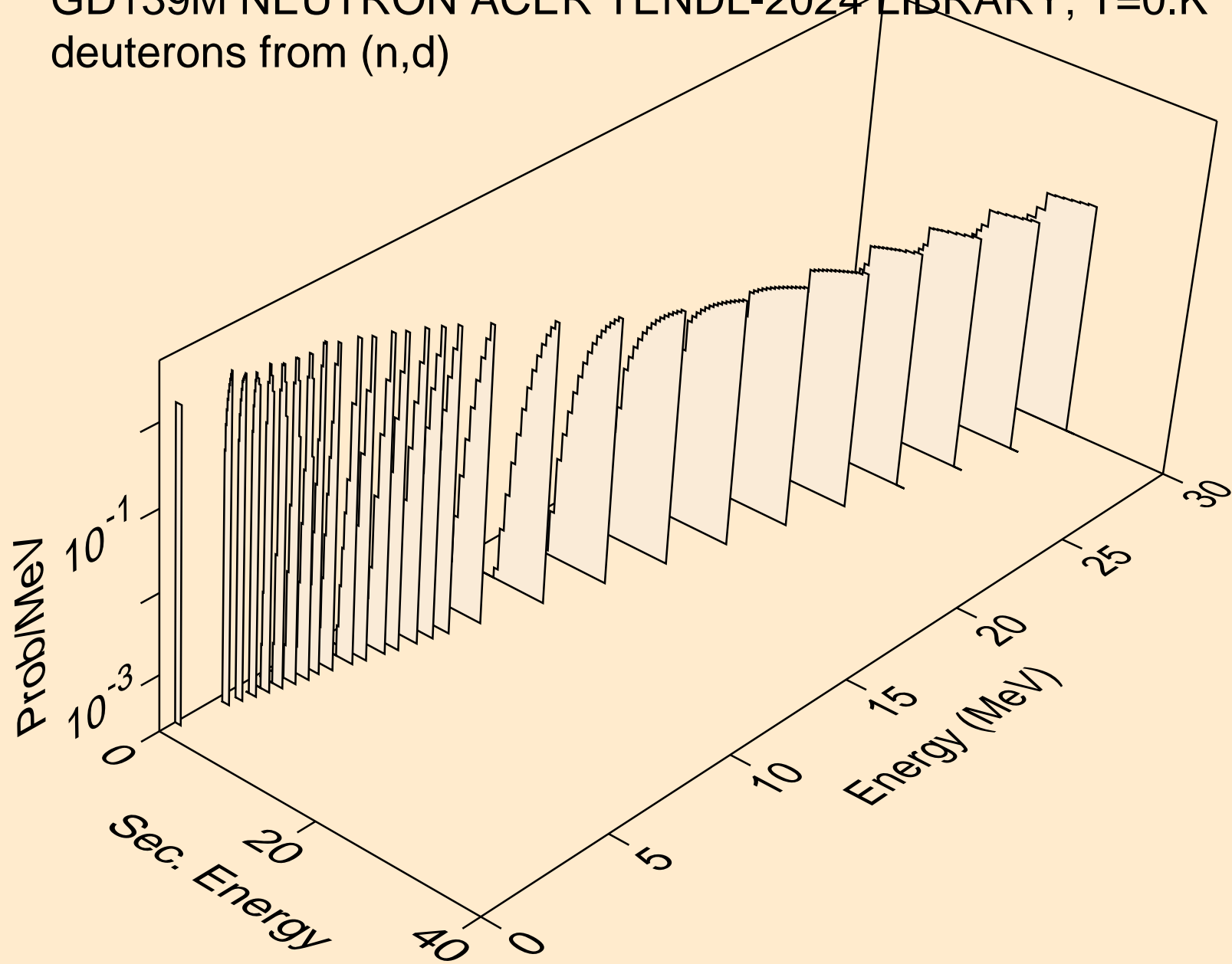
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,2nd)



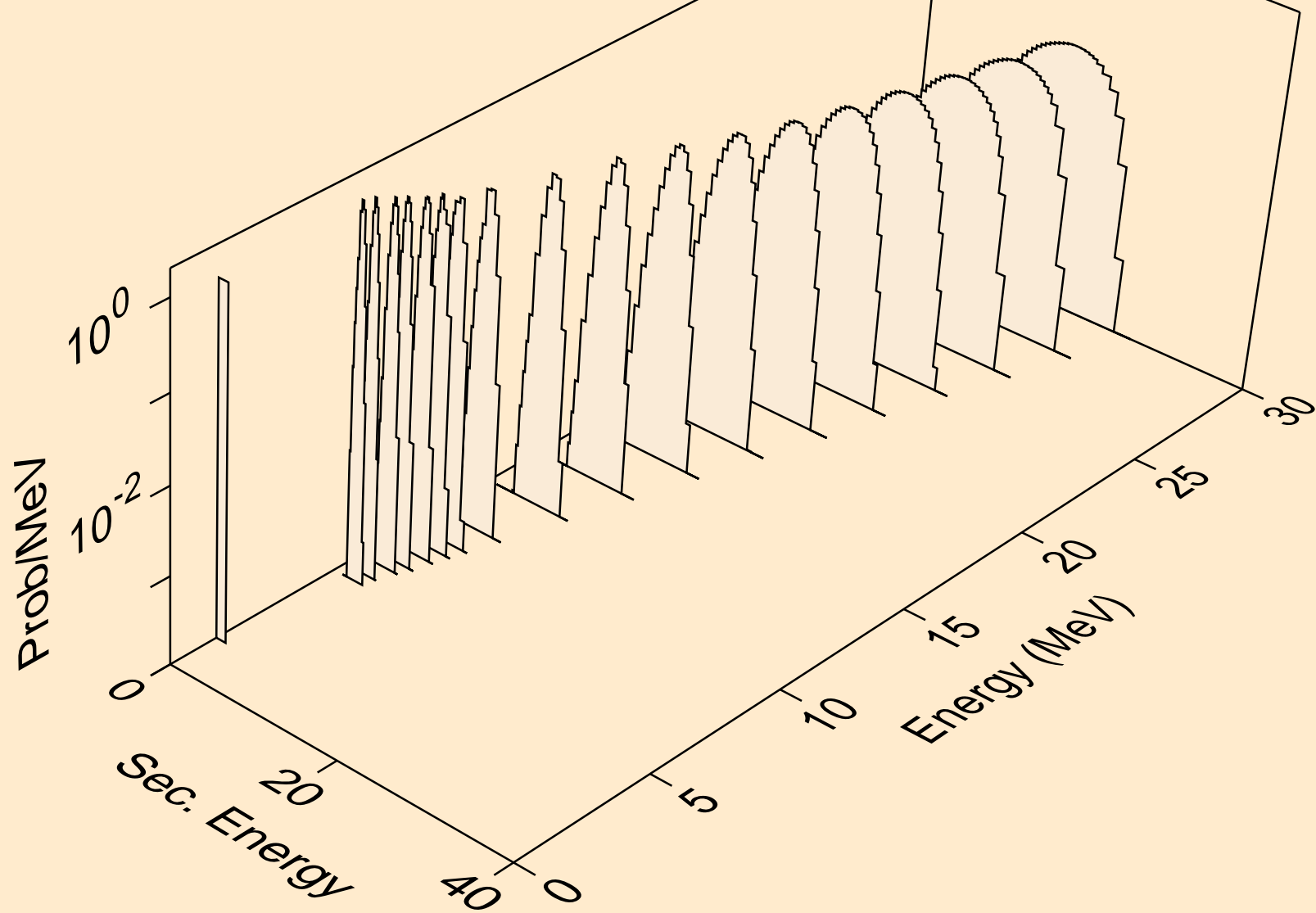
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



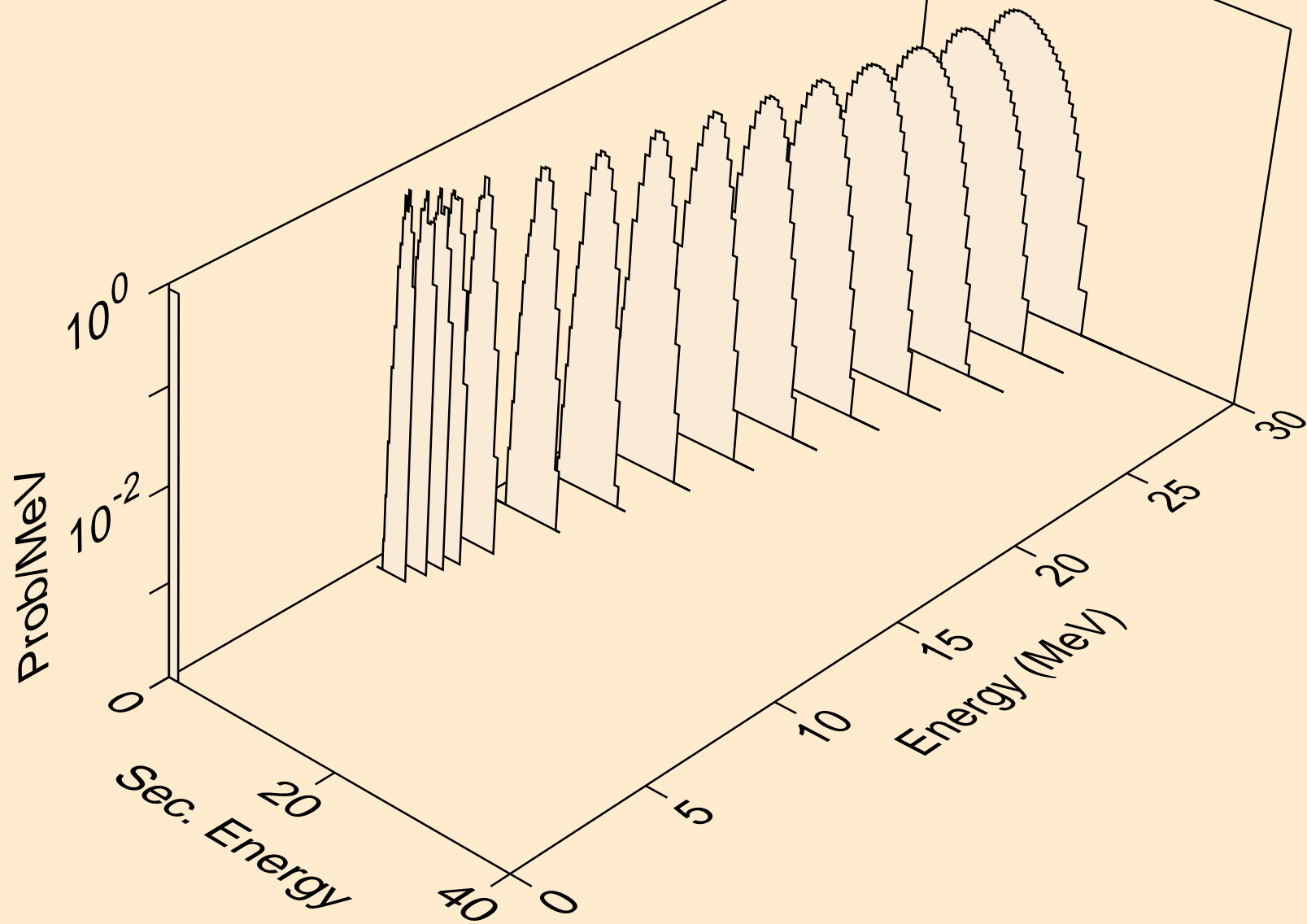
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,d)



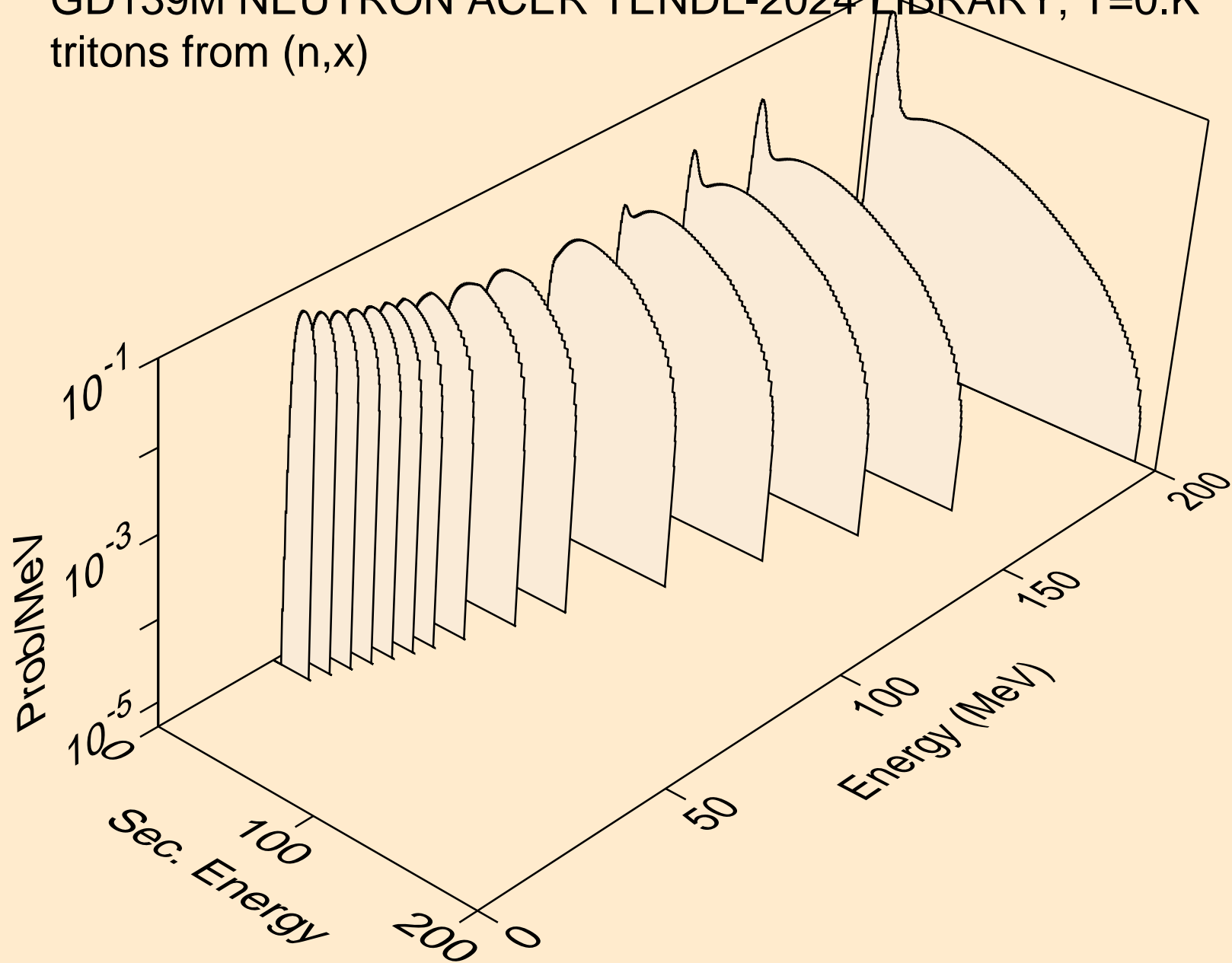
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,pd)



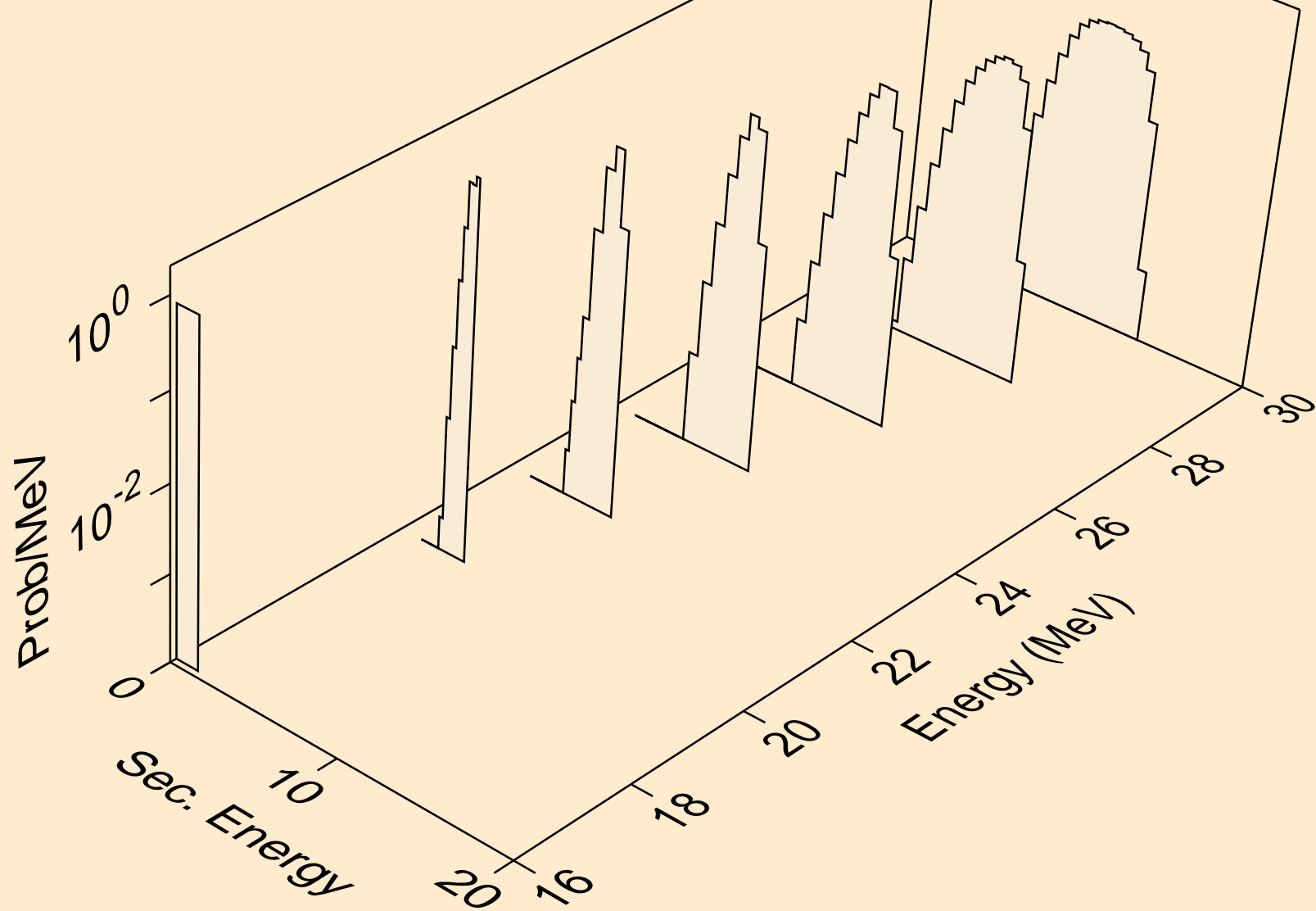
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,da)



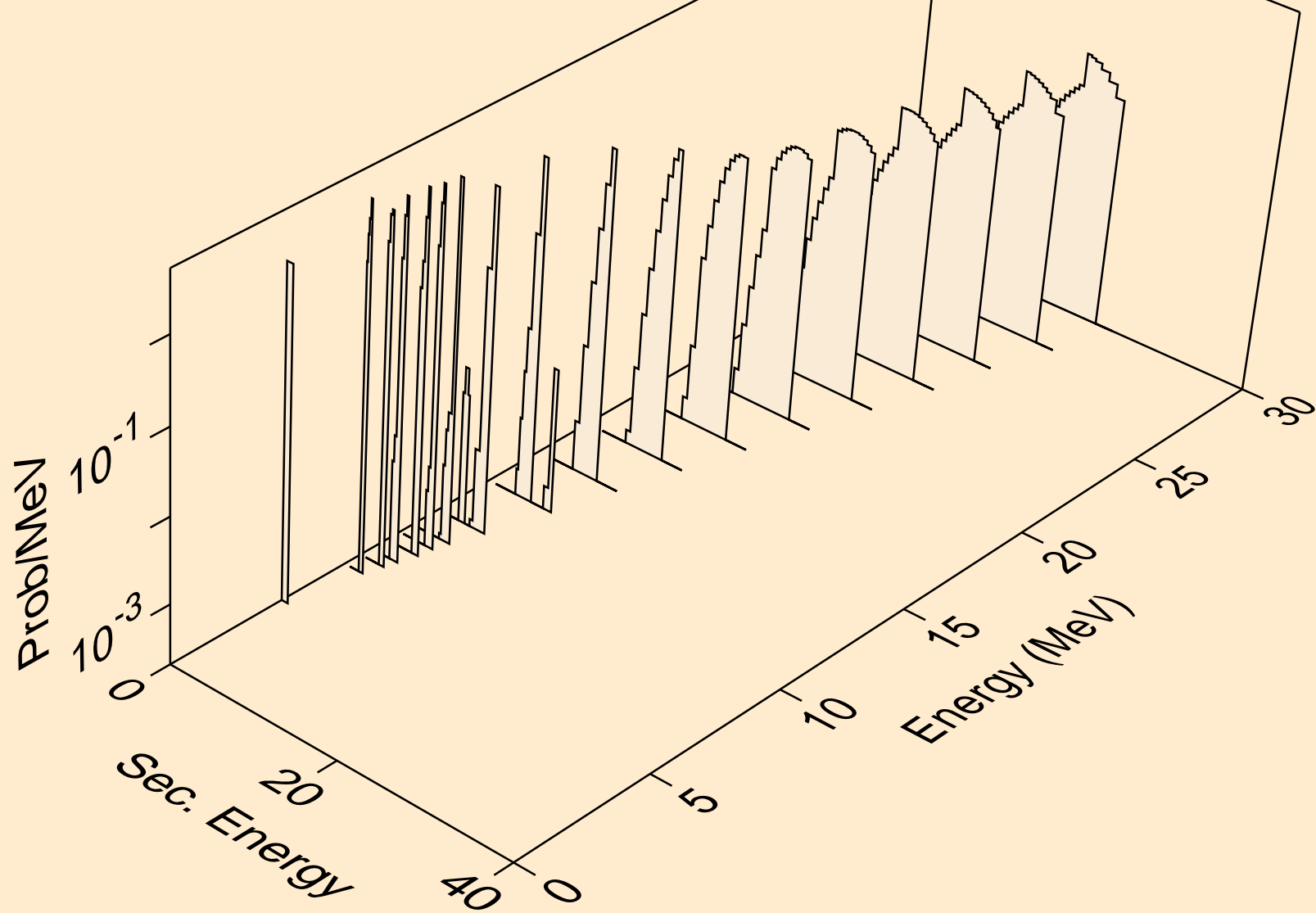
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,x)



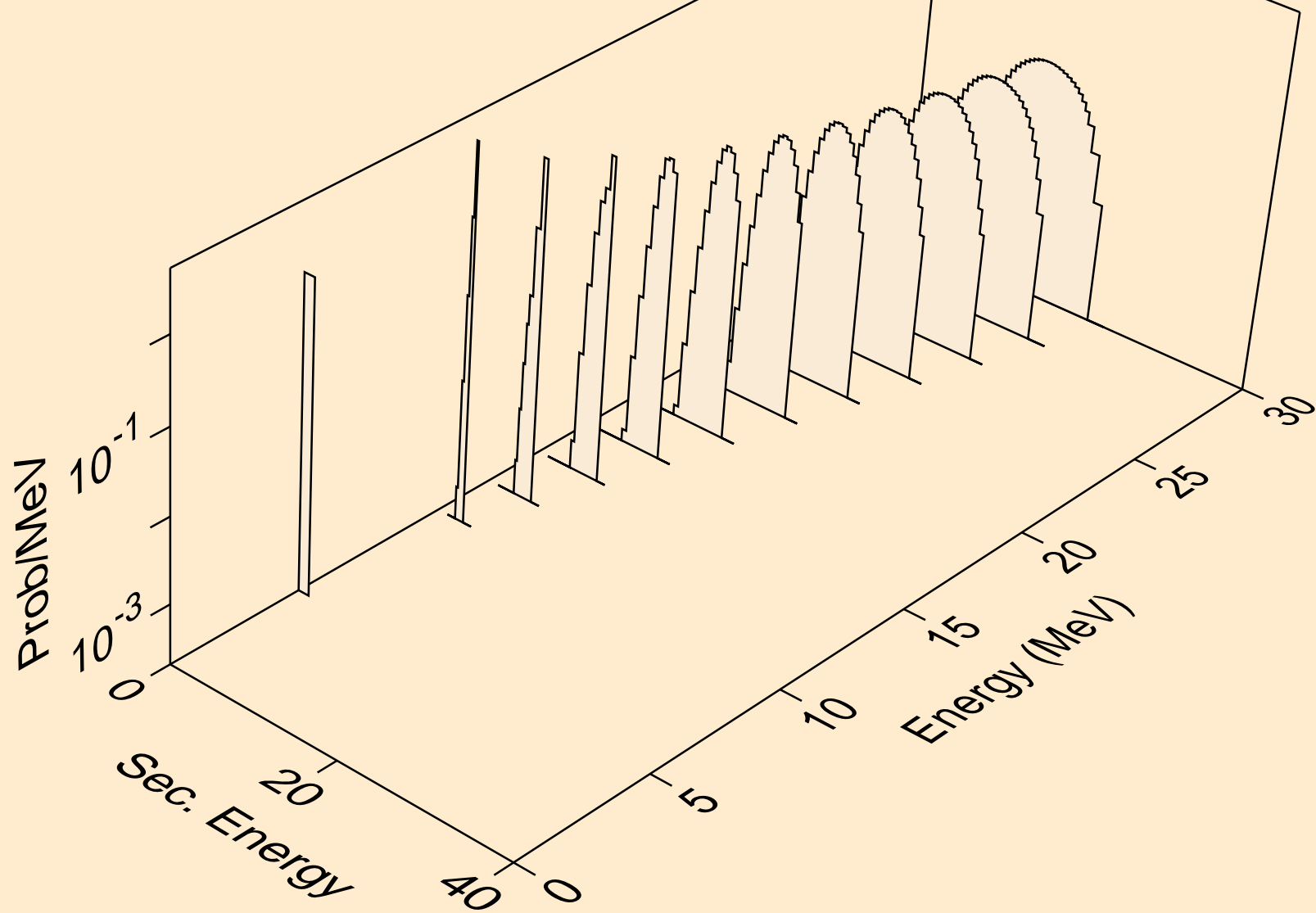
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



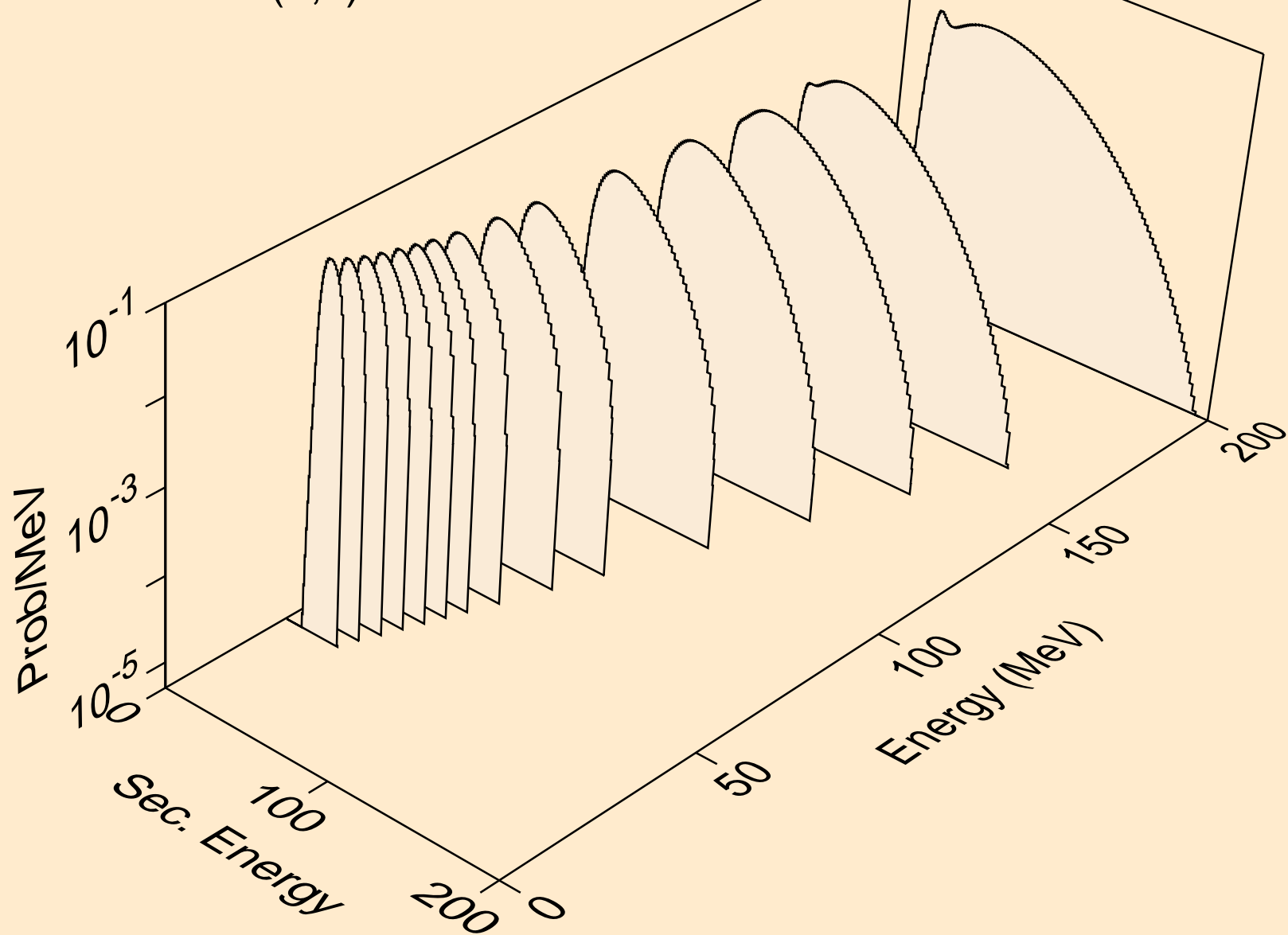
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t)



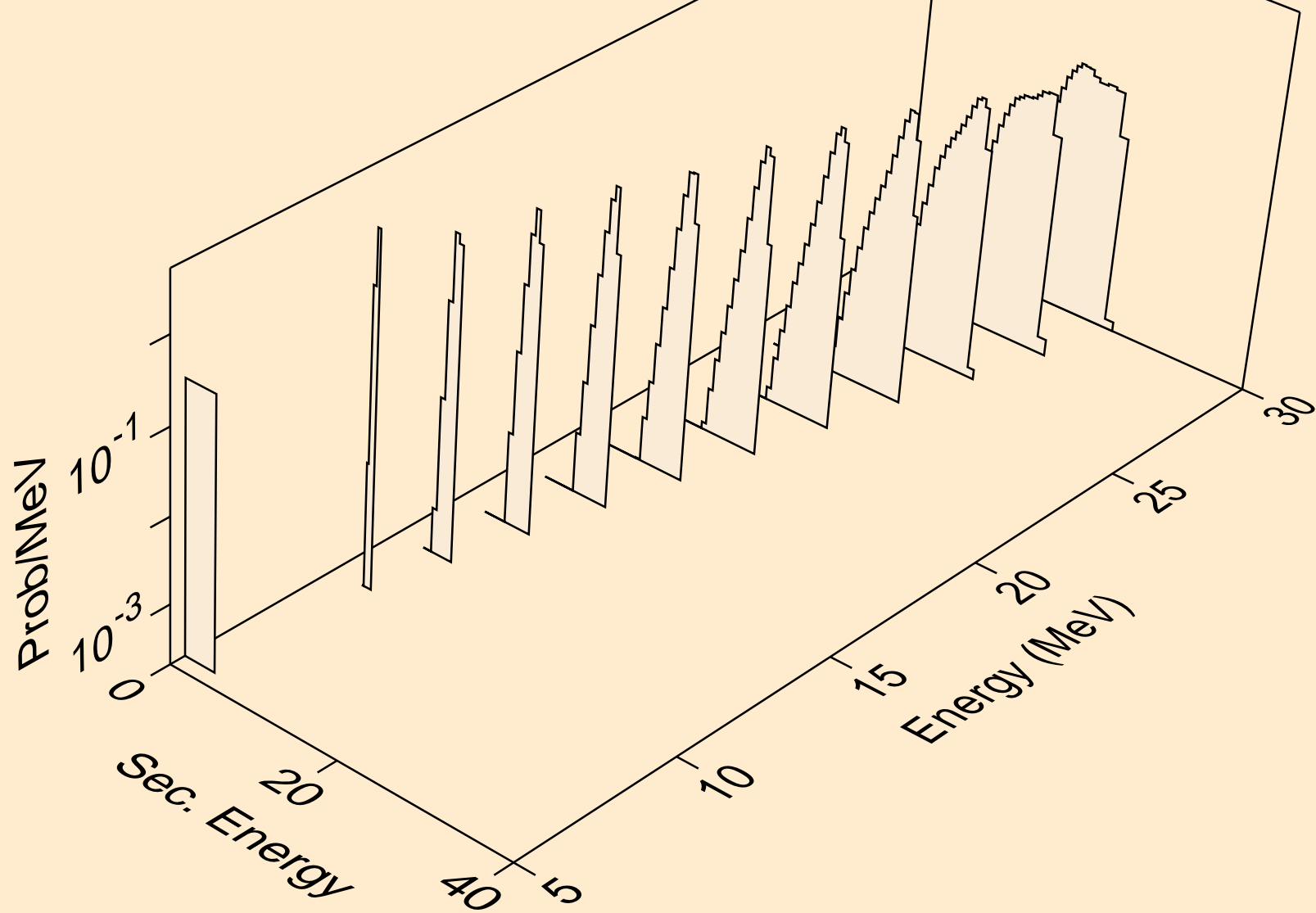
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,pt)



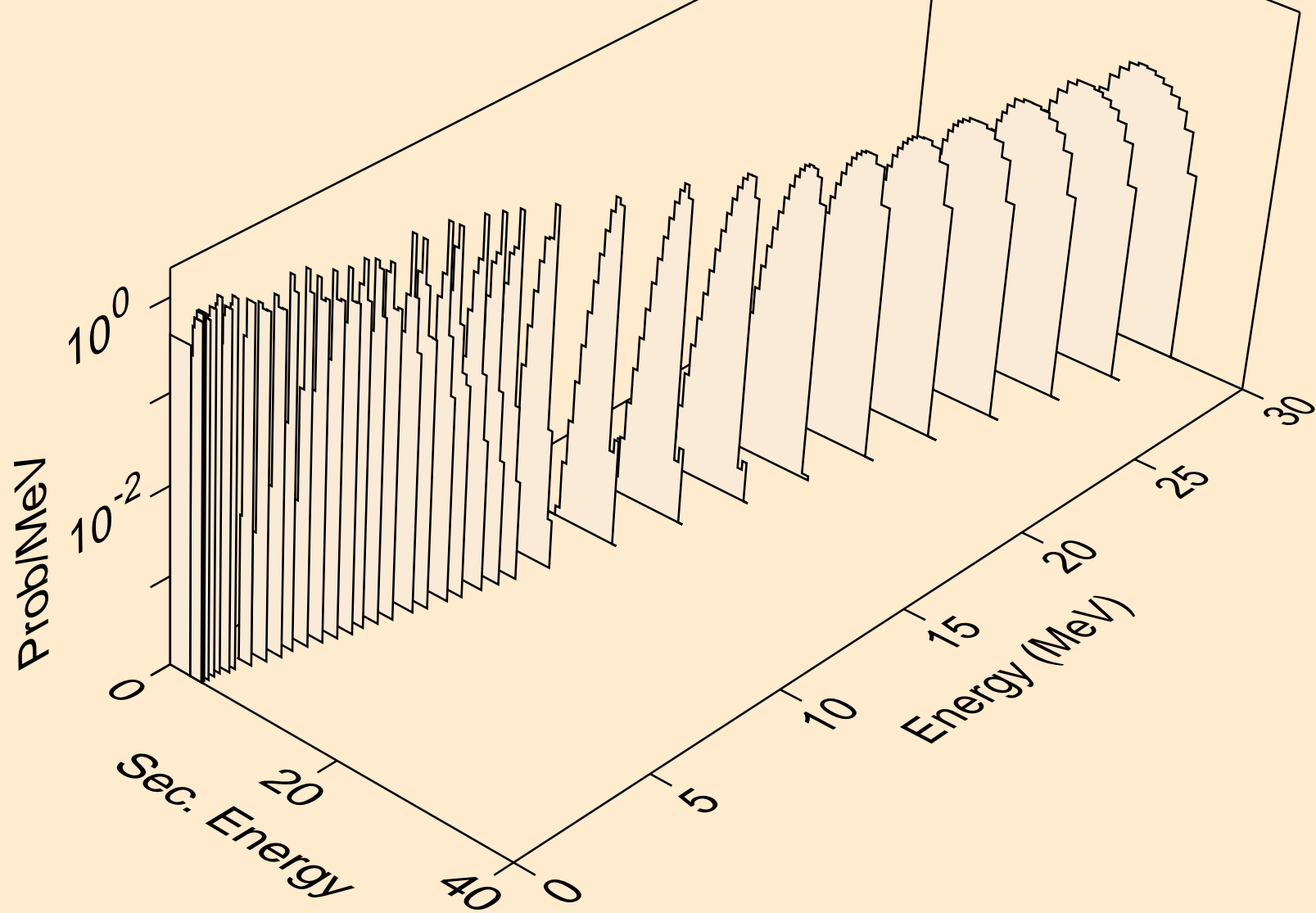
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



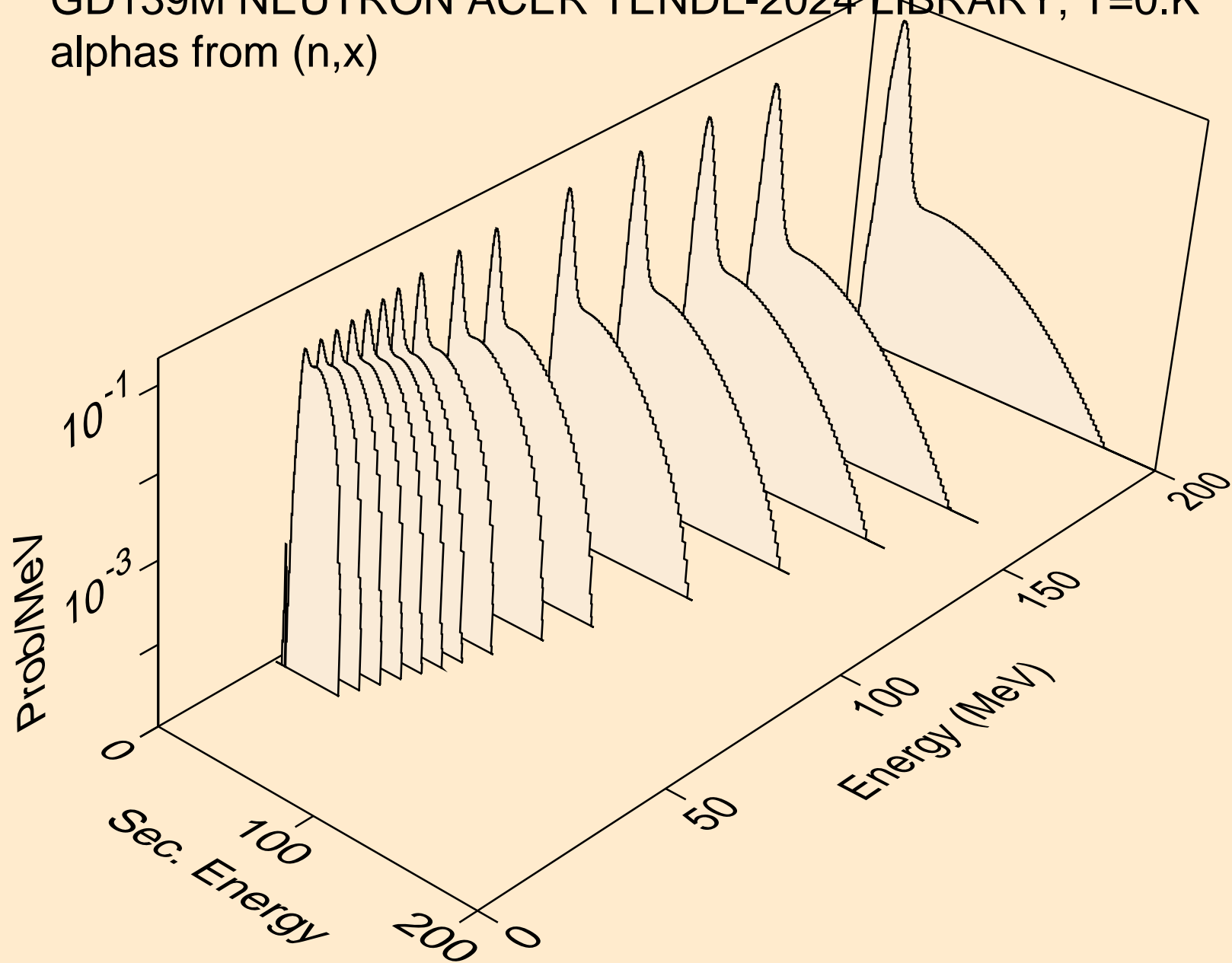
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



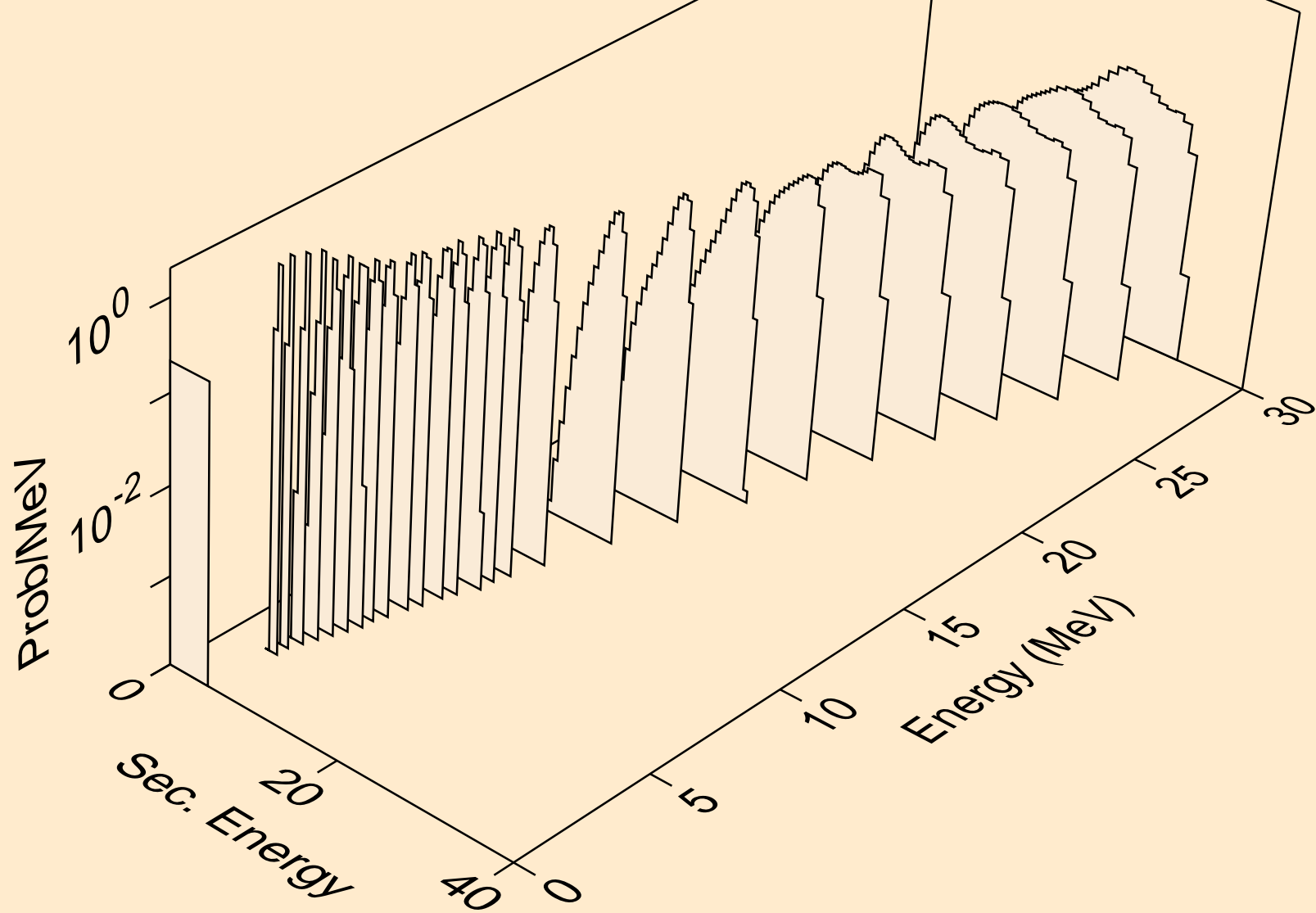
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



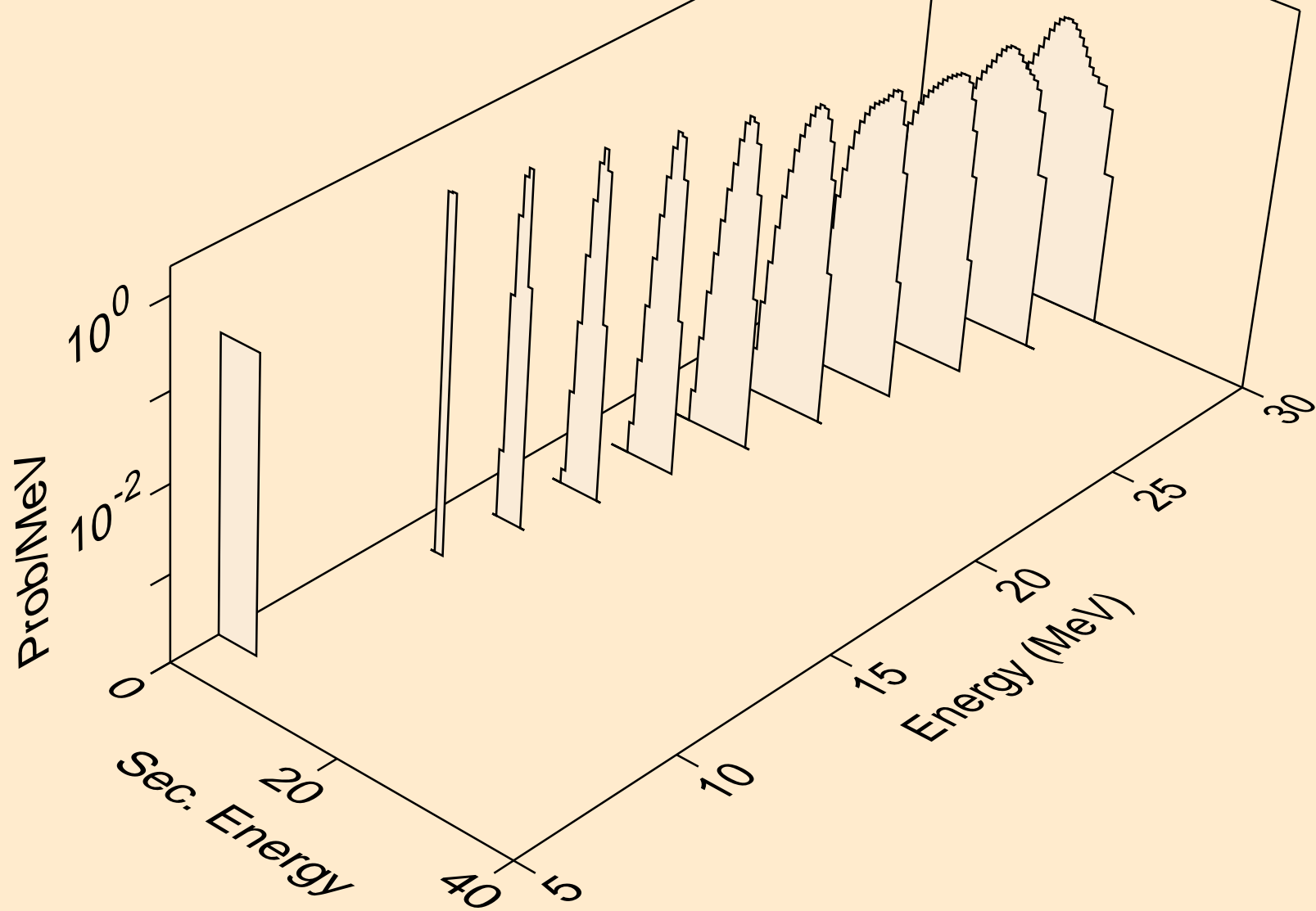
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



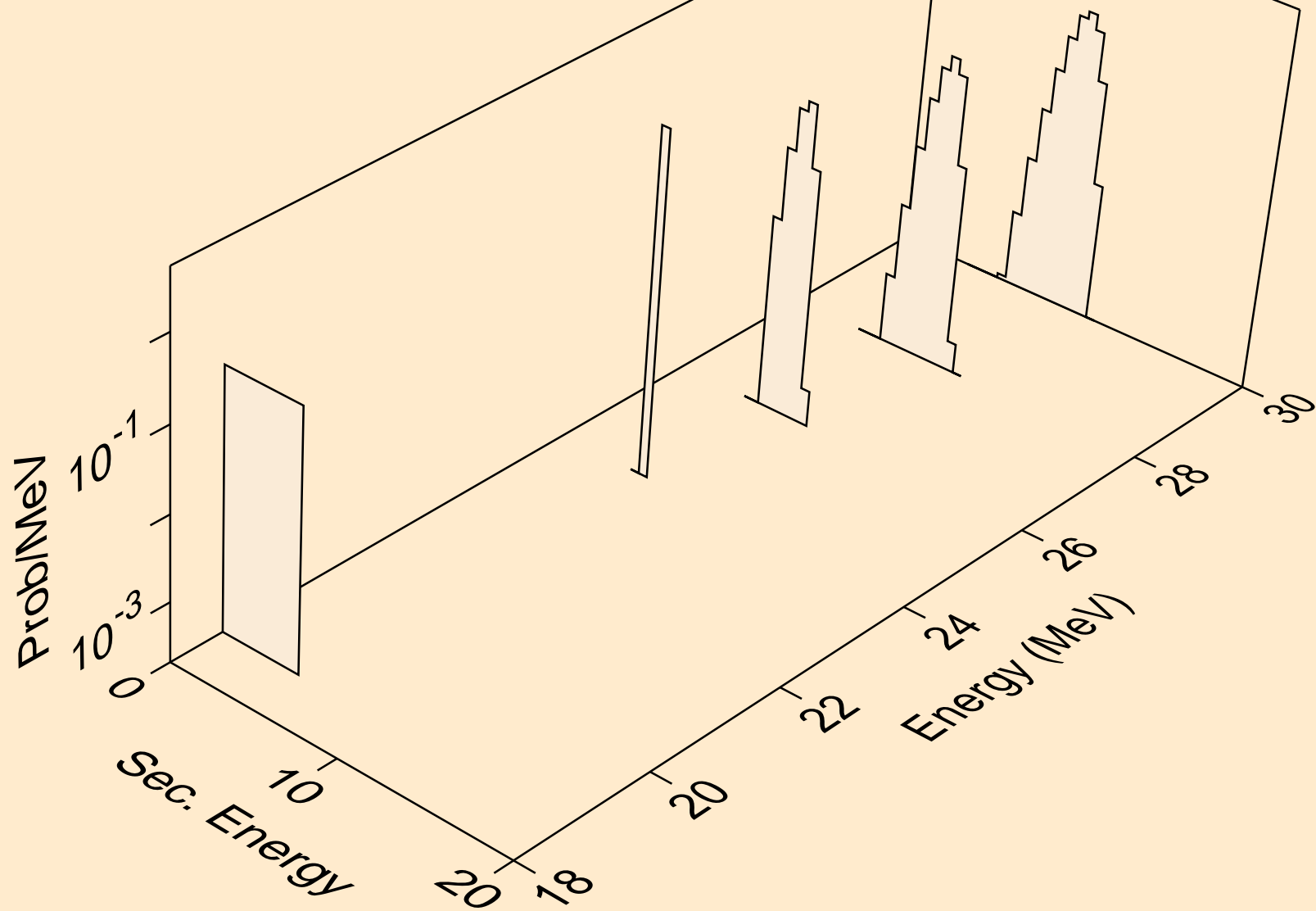
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



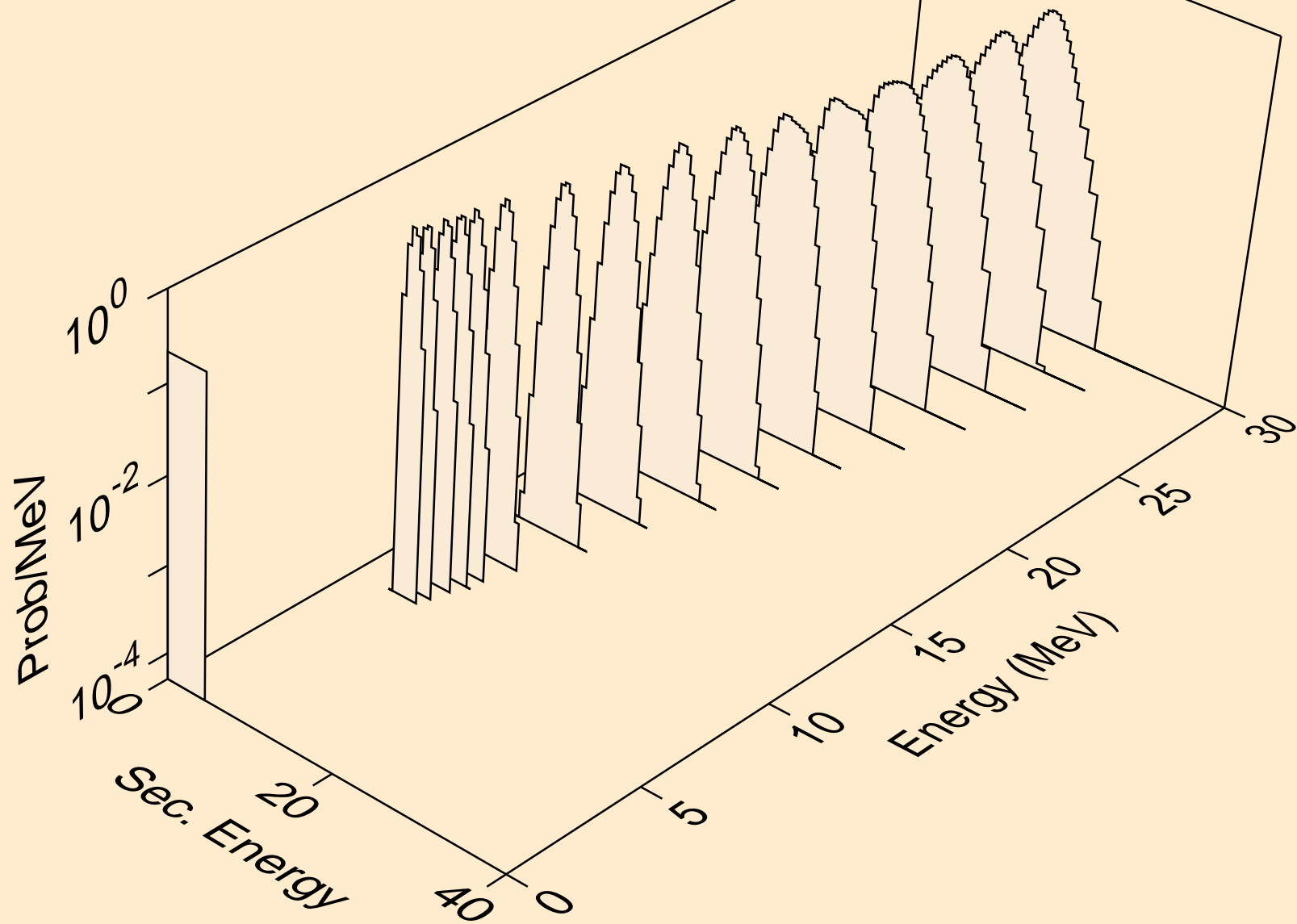
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



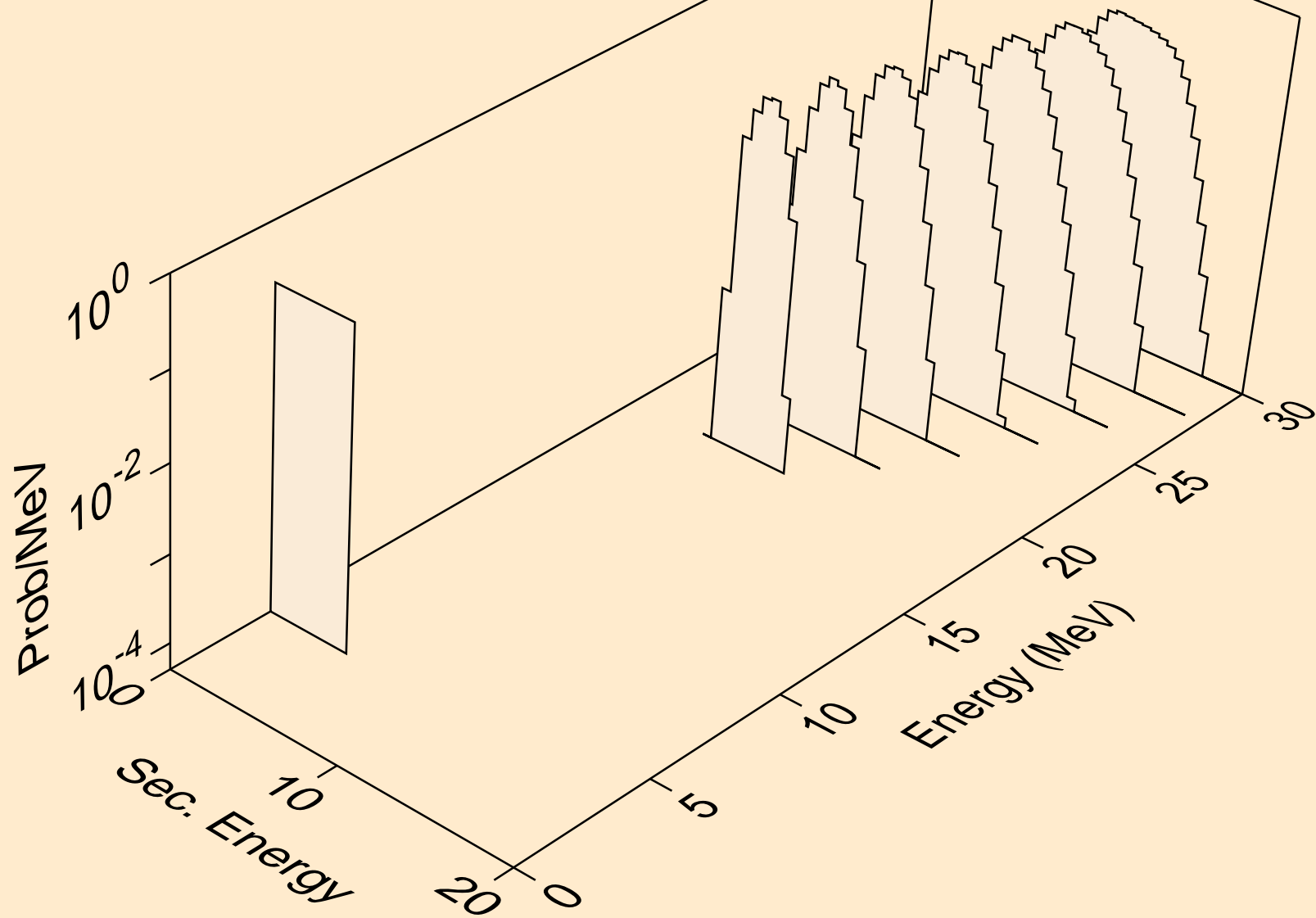
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3n)a



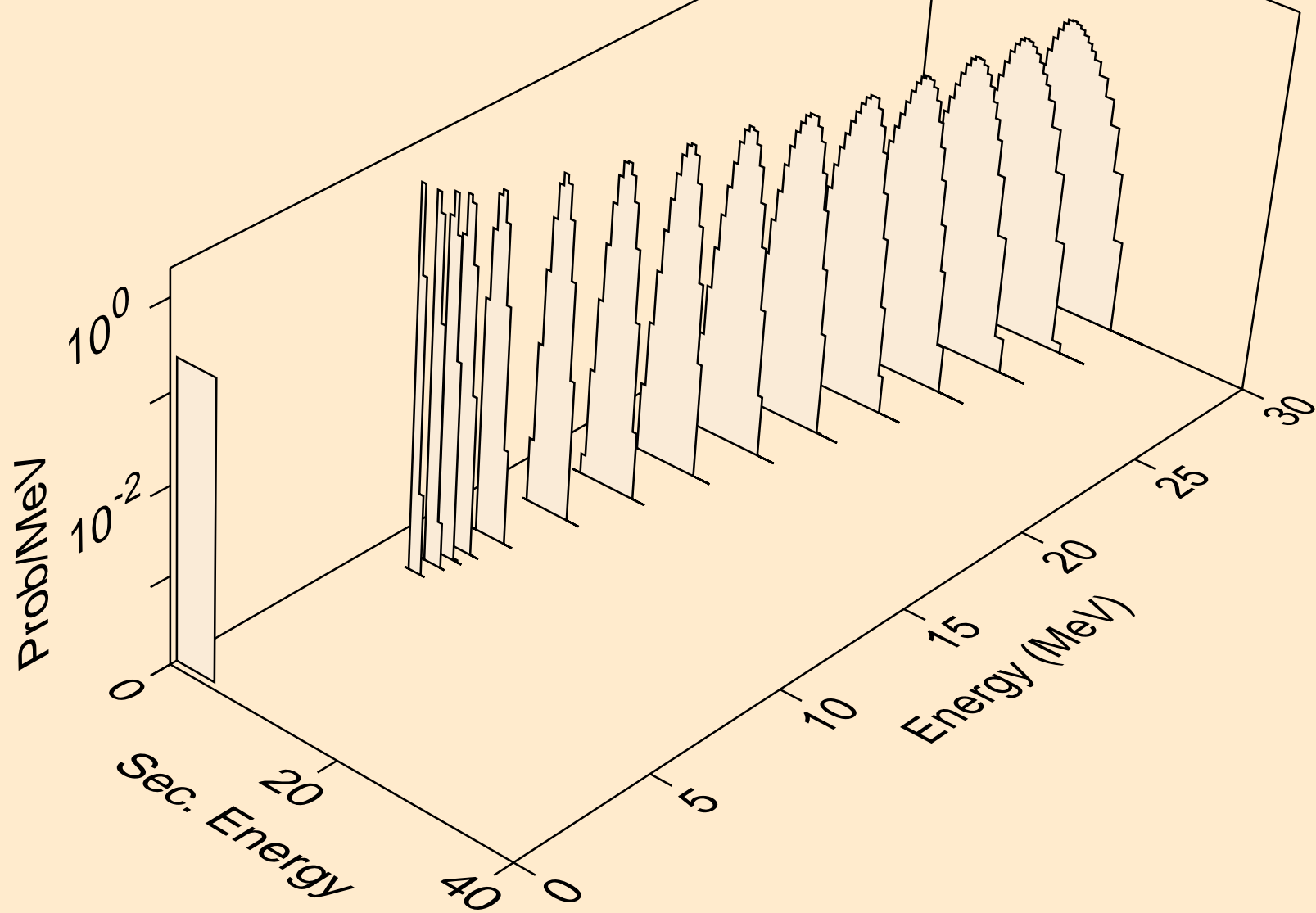
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



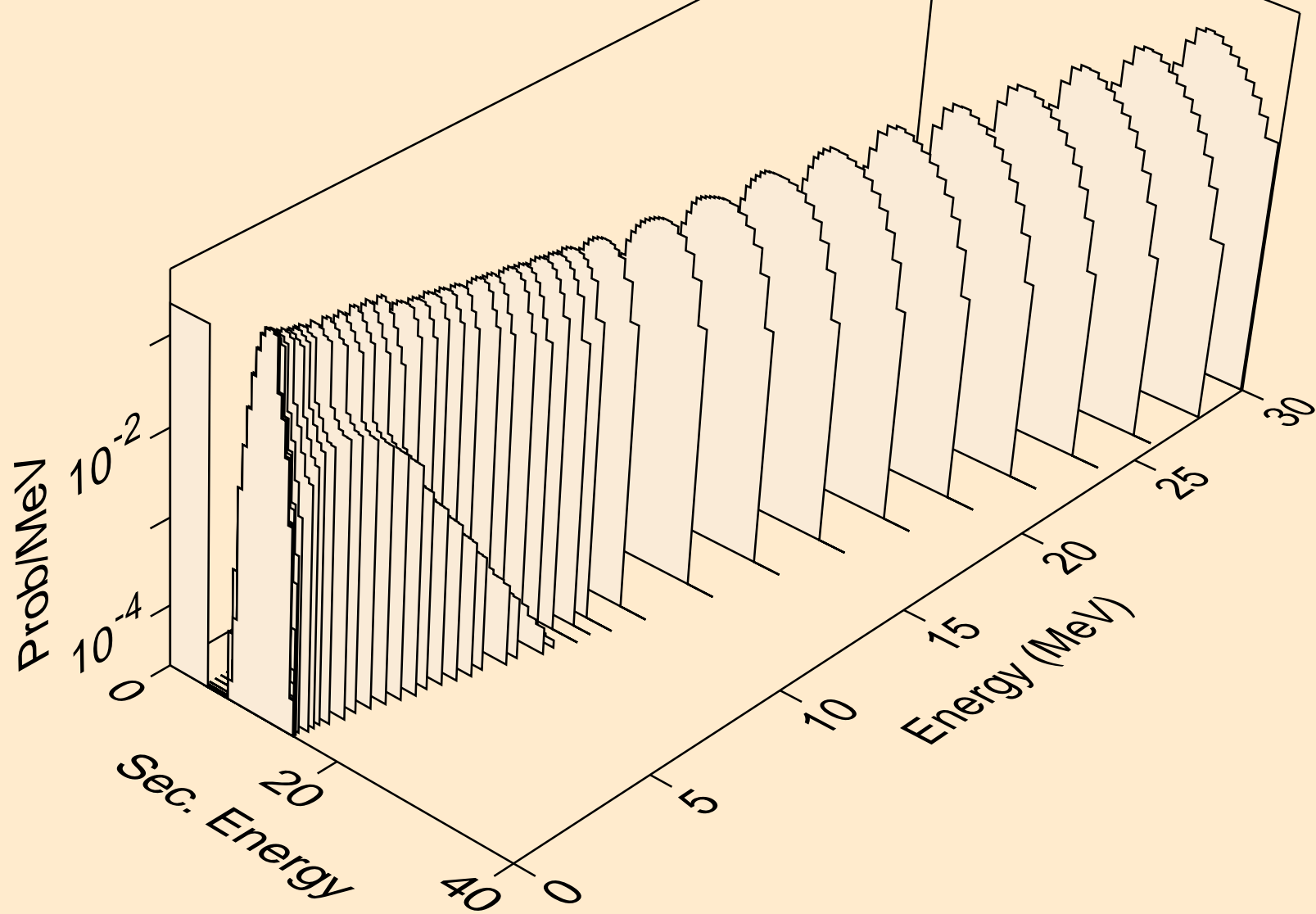
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)2a



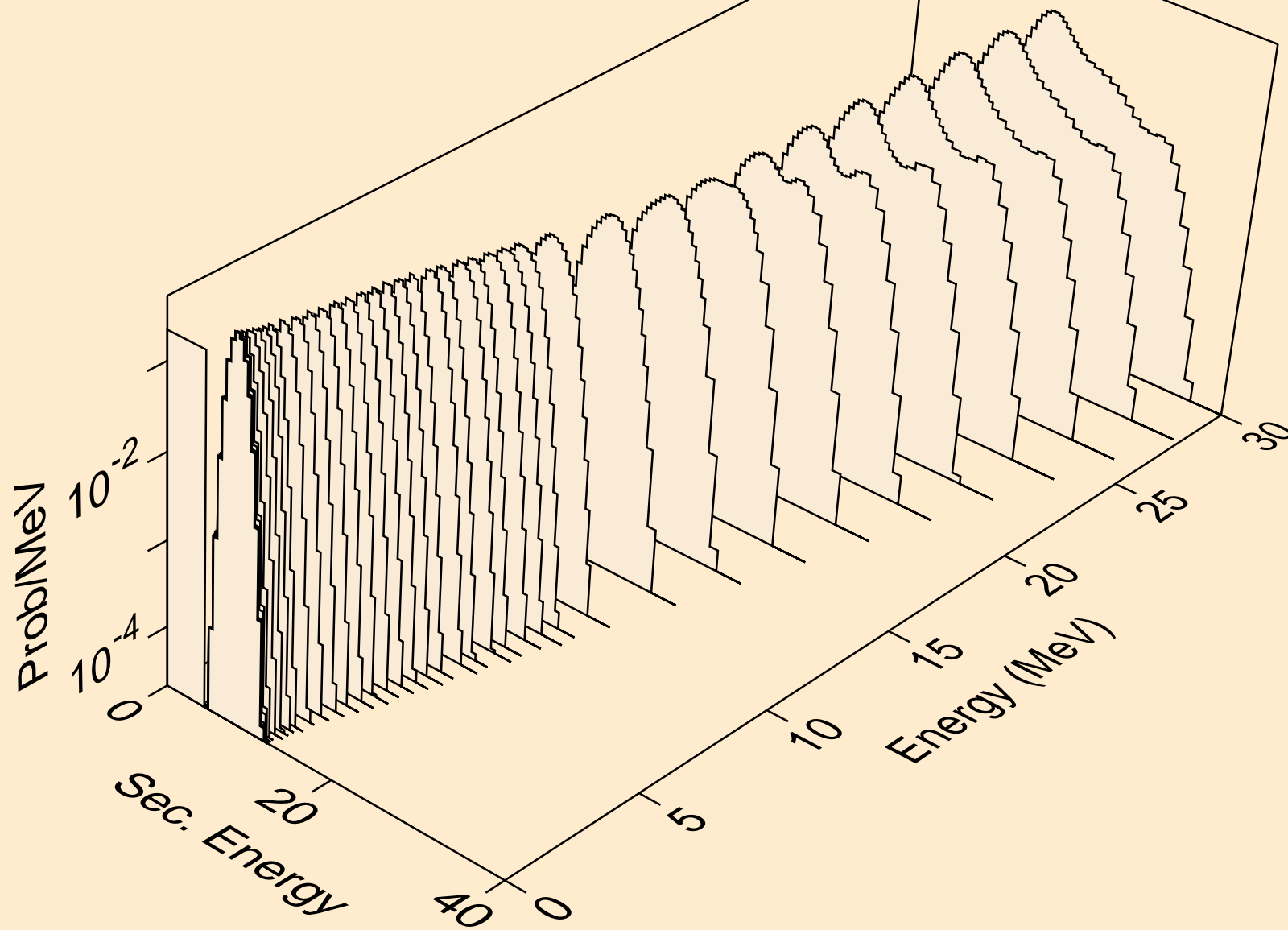
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



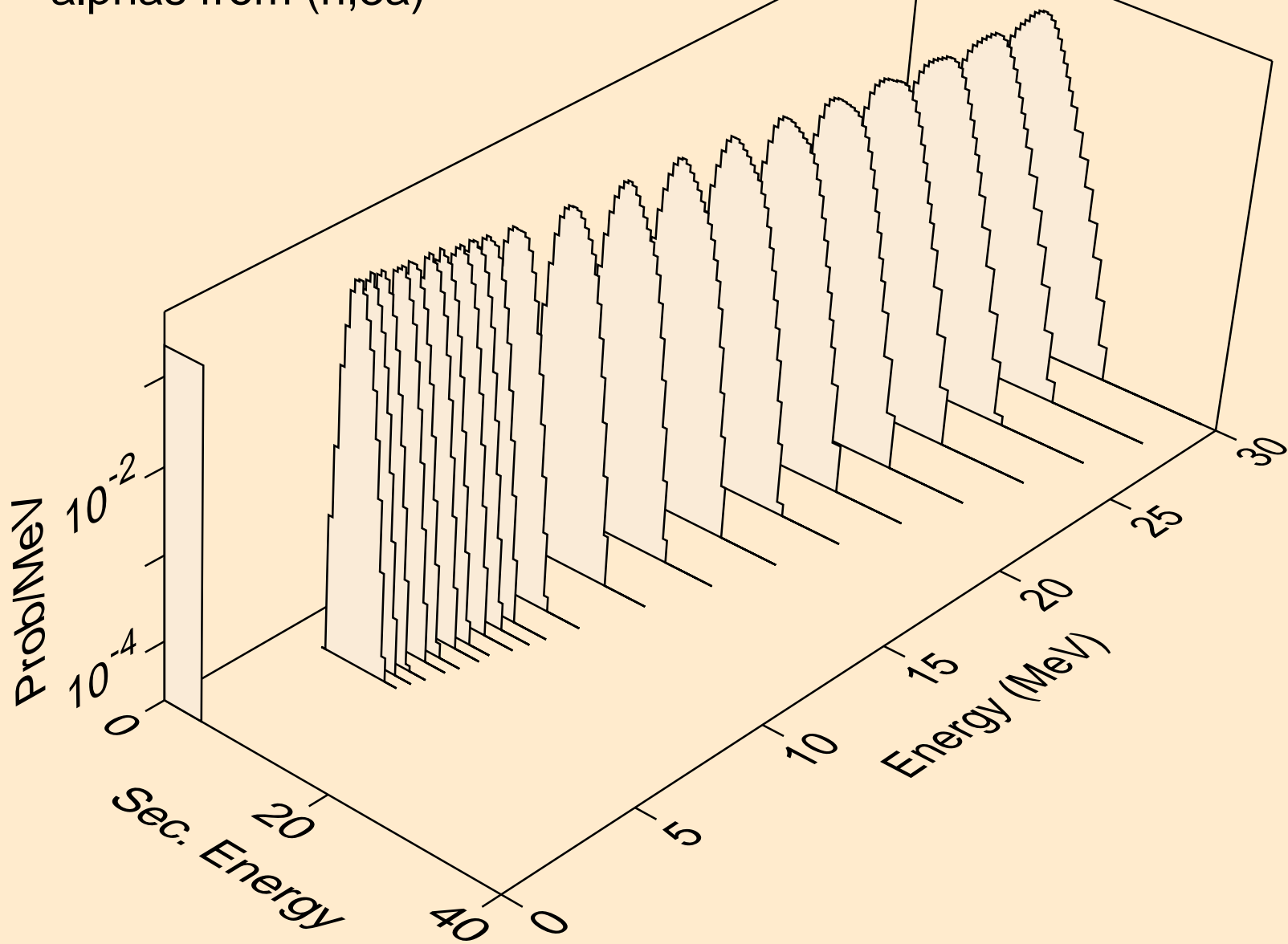
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



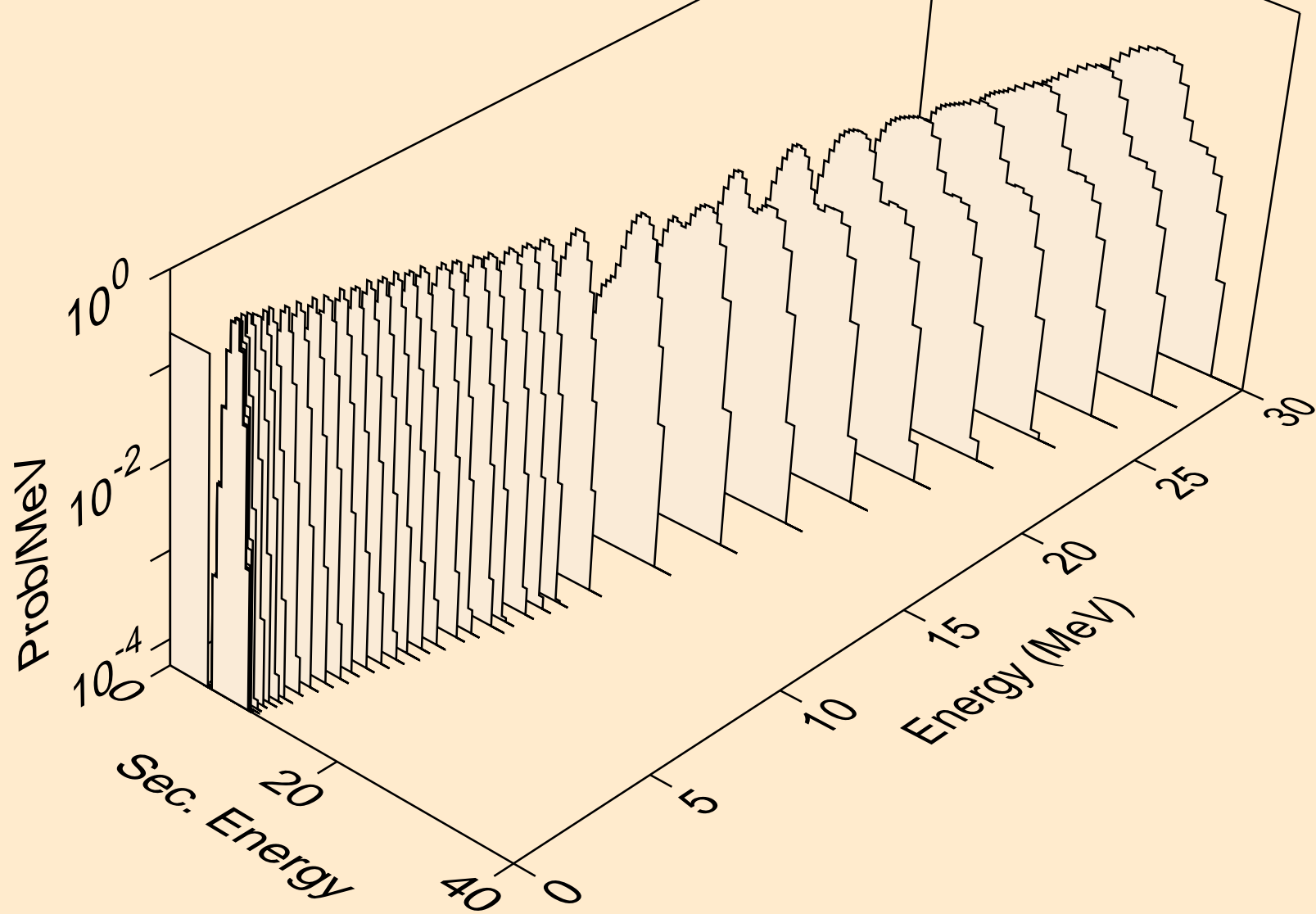
GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3a)



GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



GD139M NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

