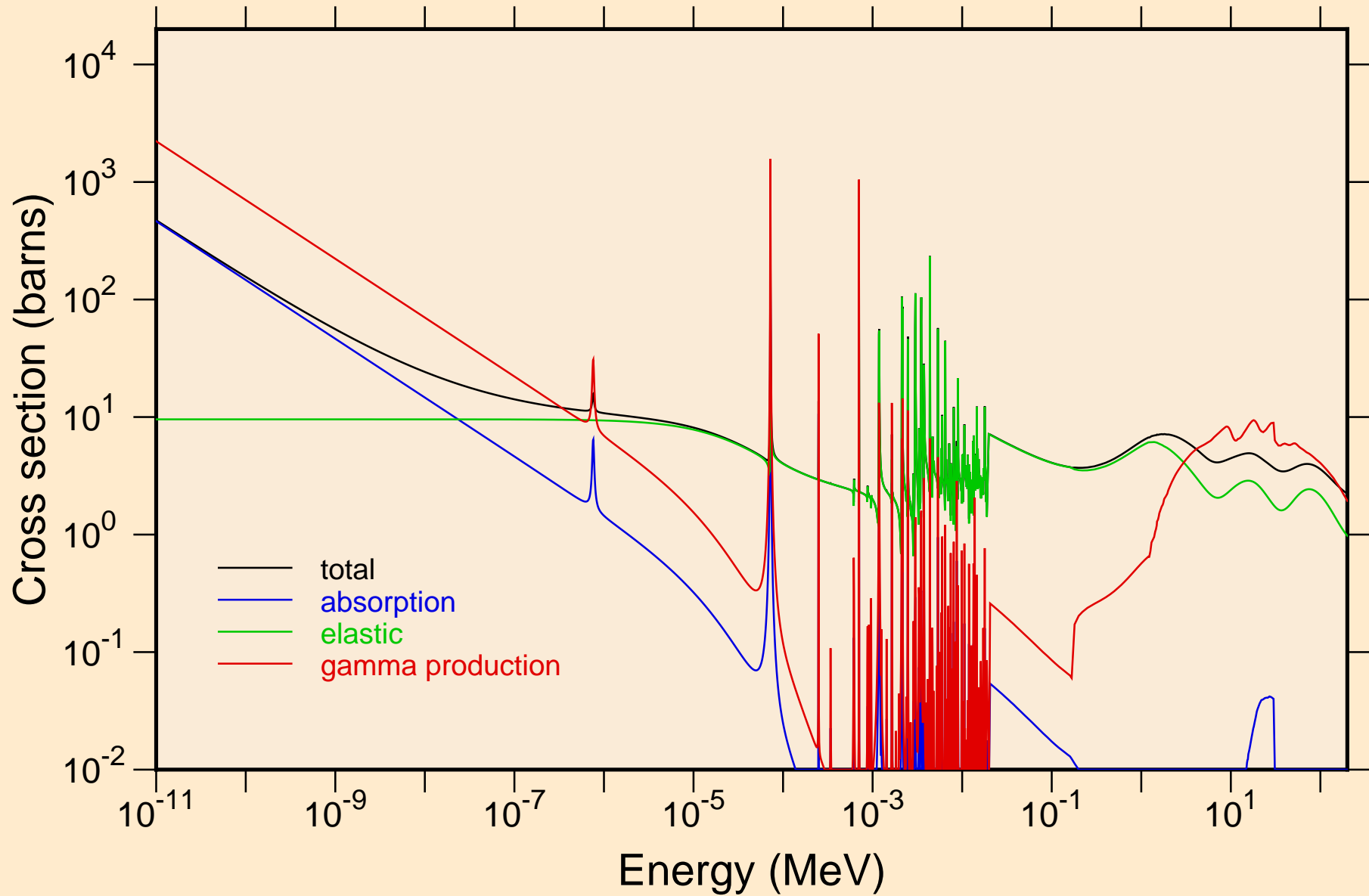
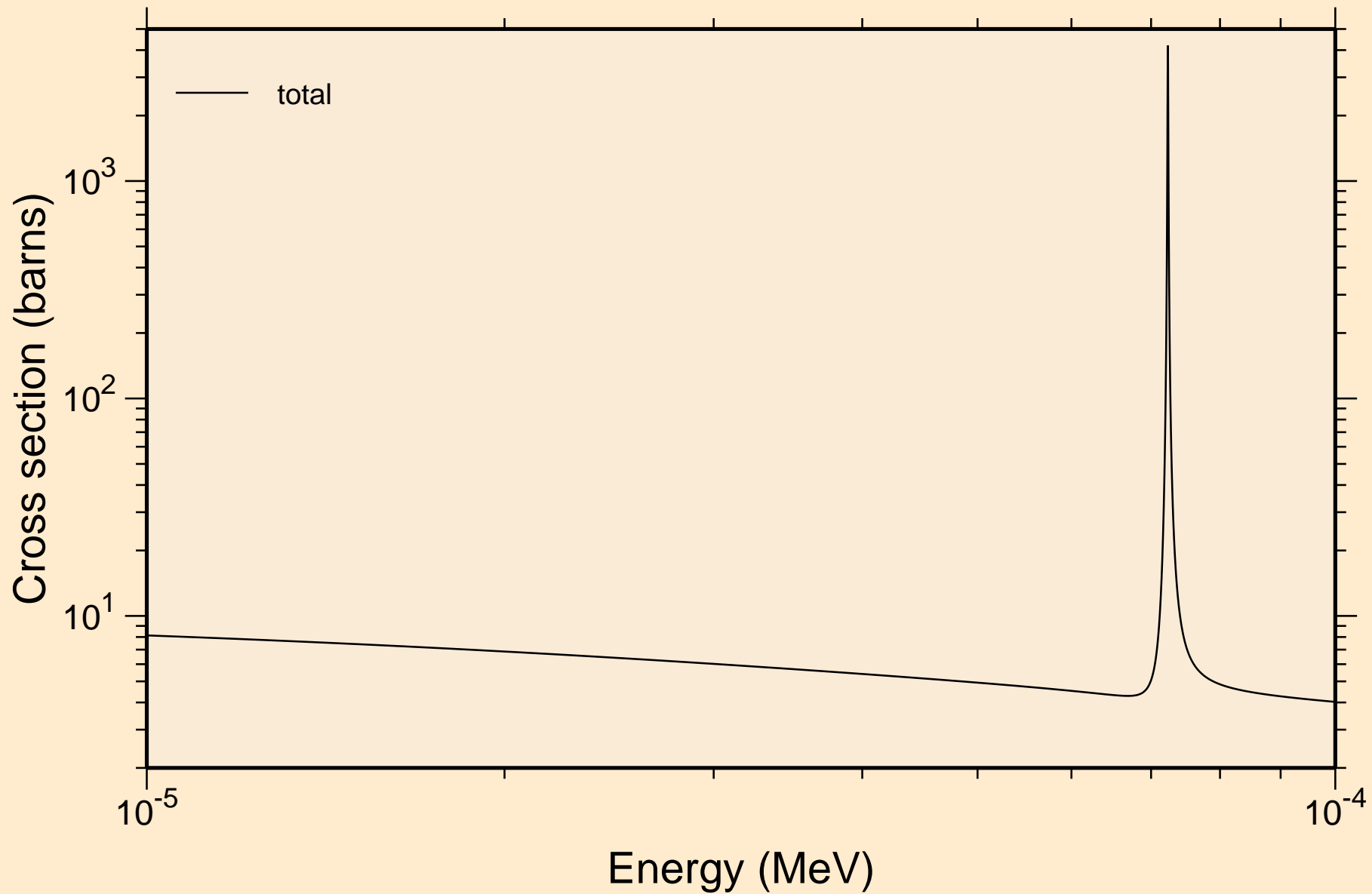


LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

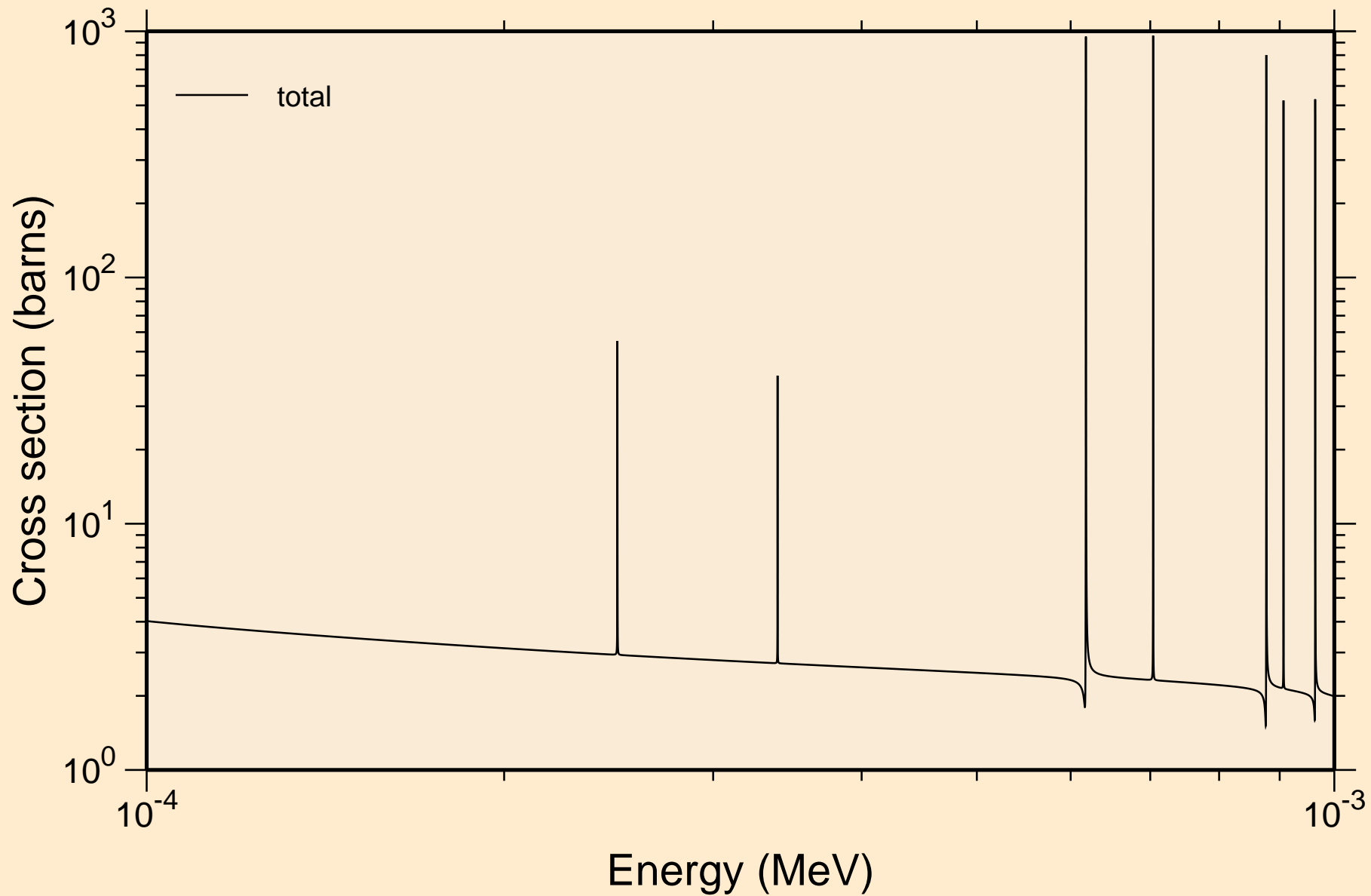
Principal cross sections



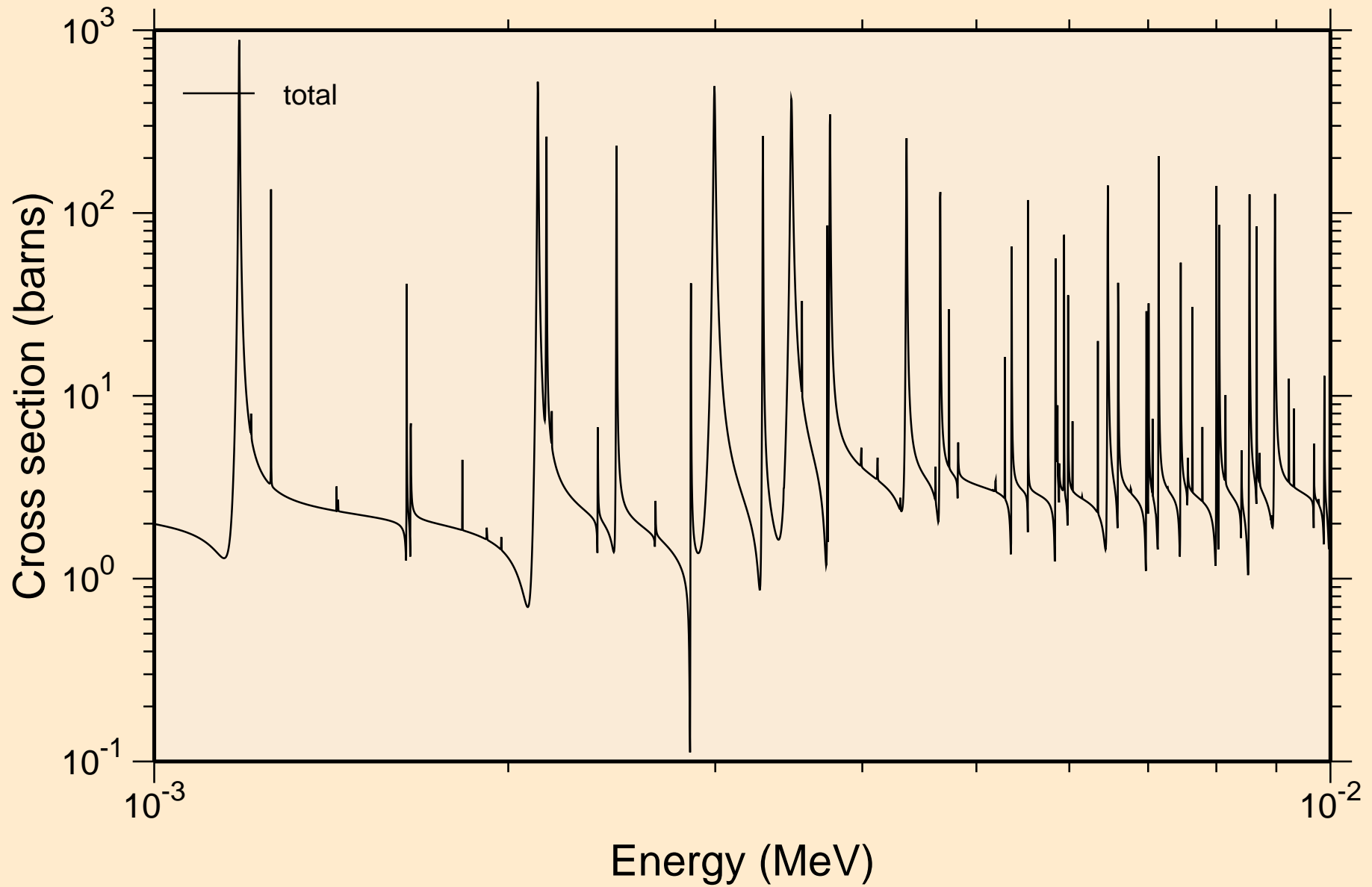
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



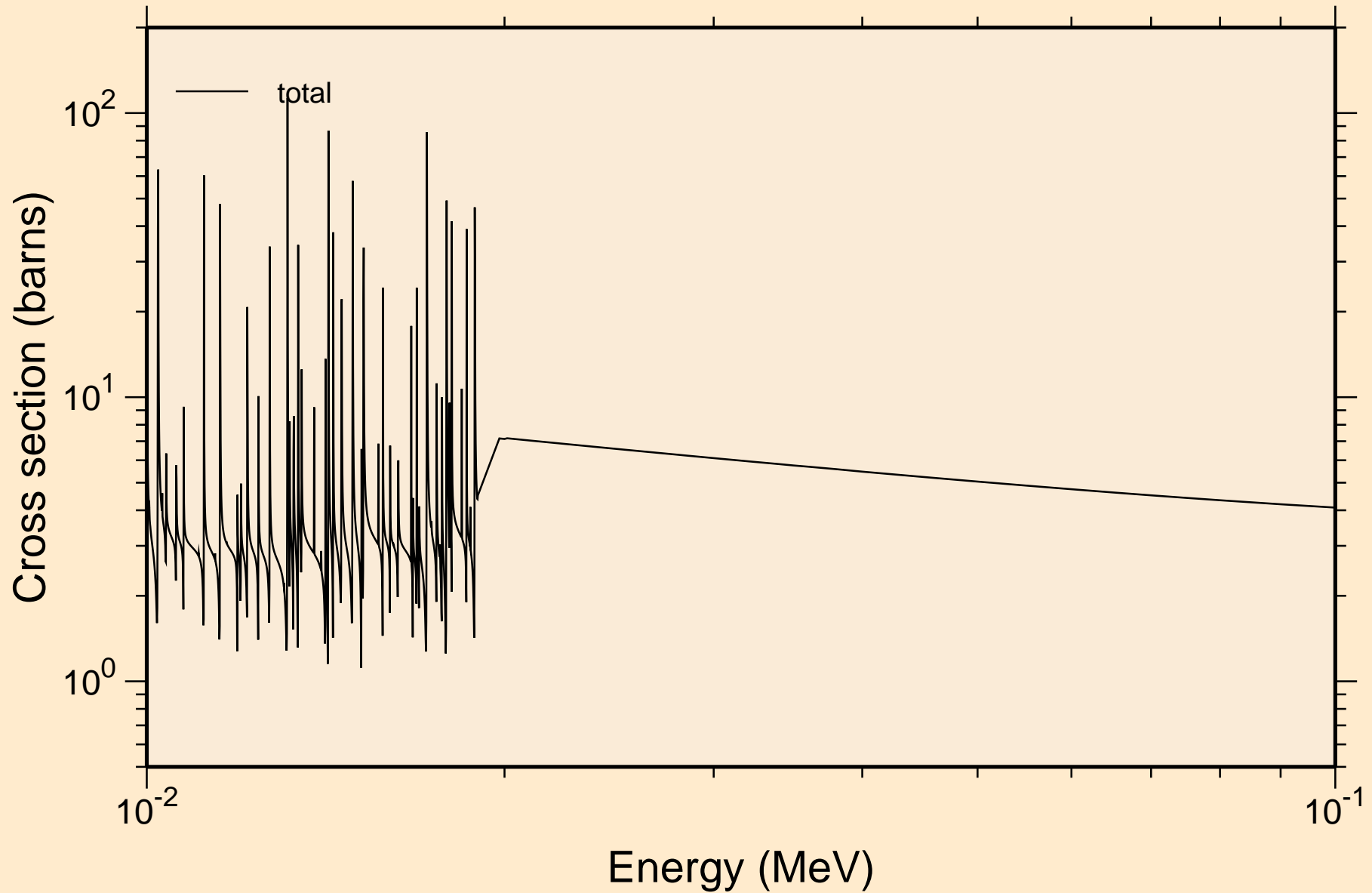
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



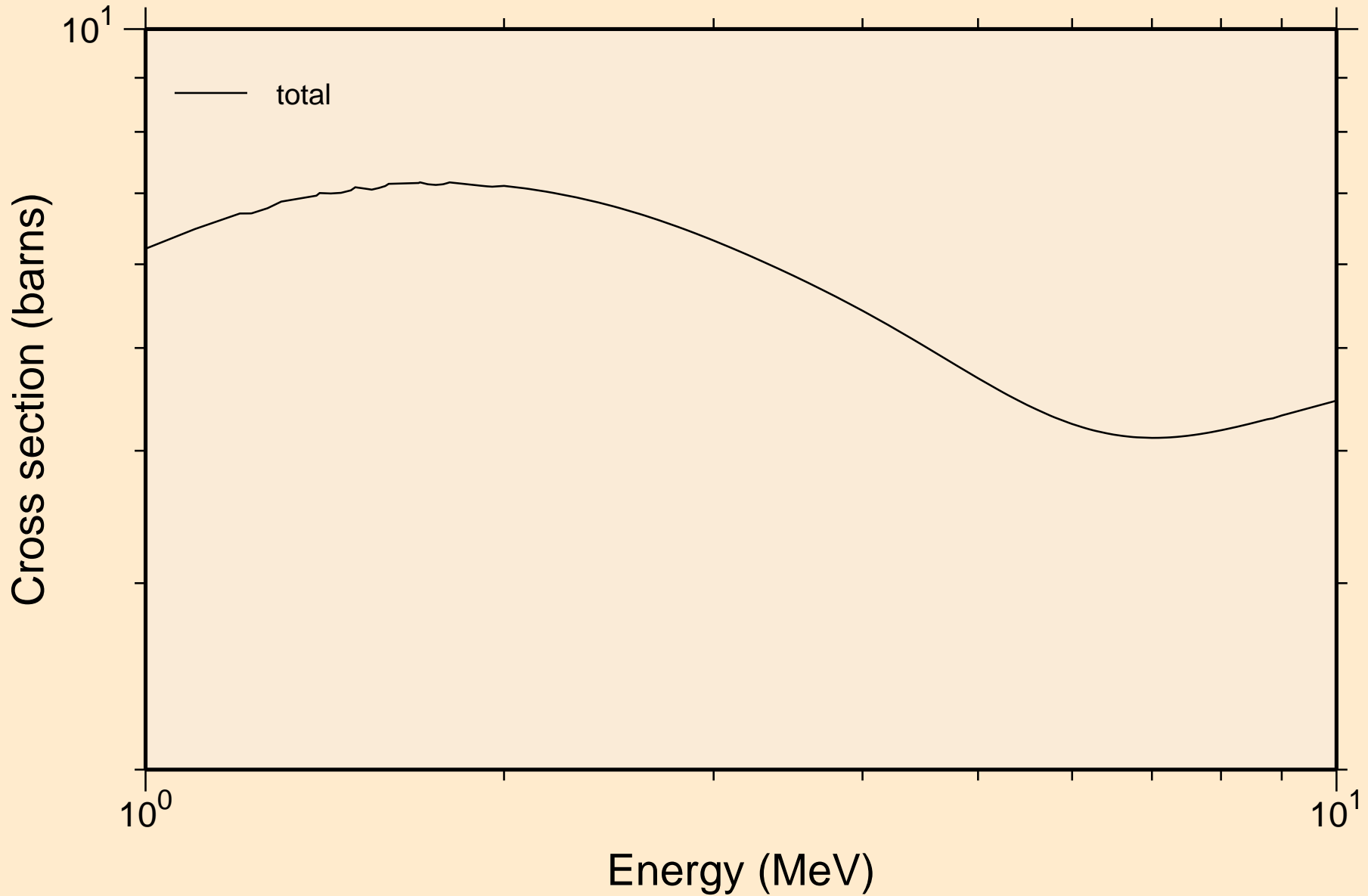
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



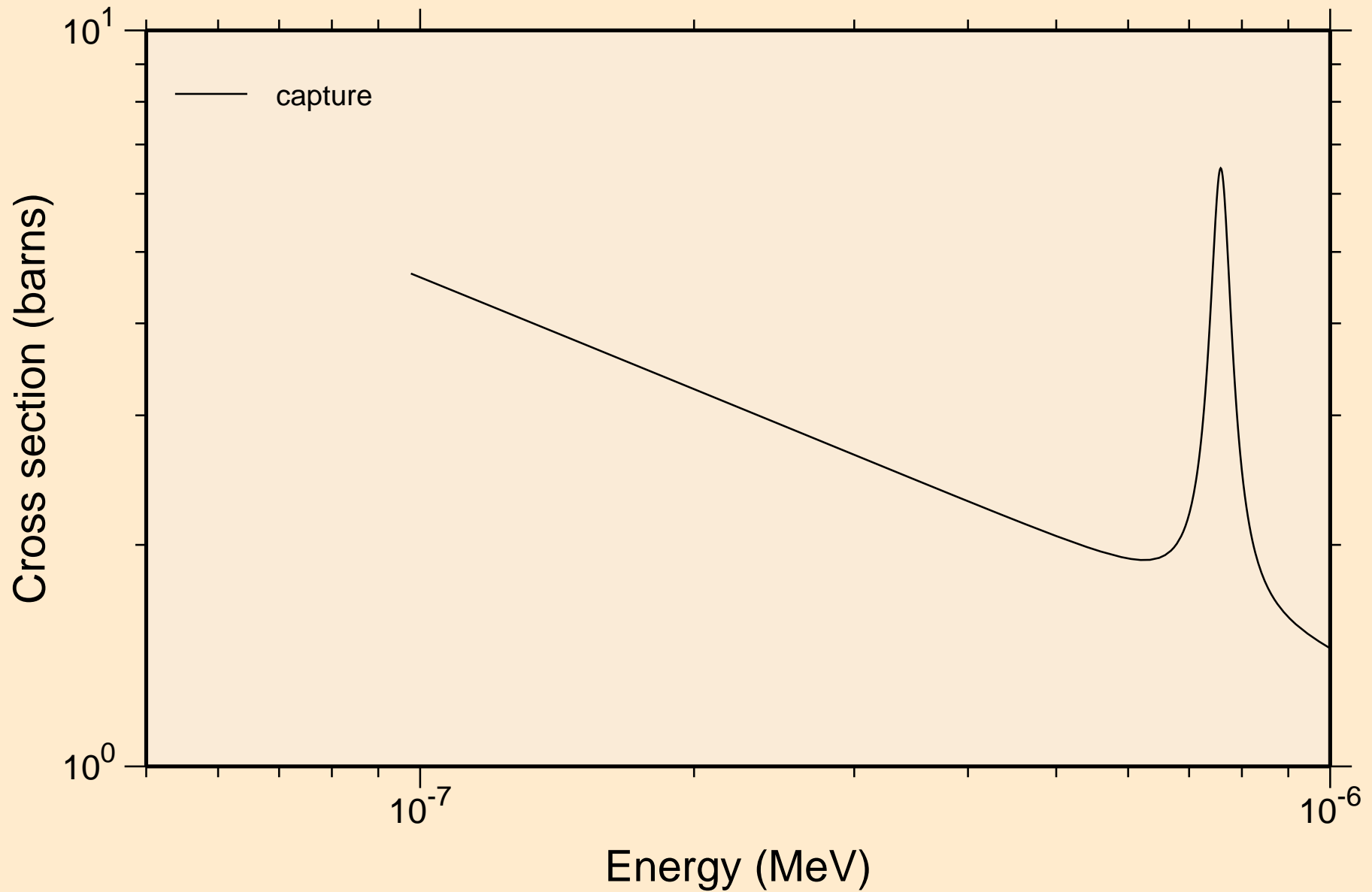
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



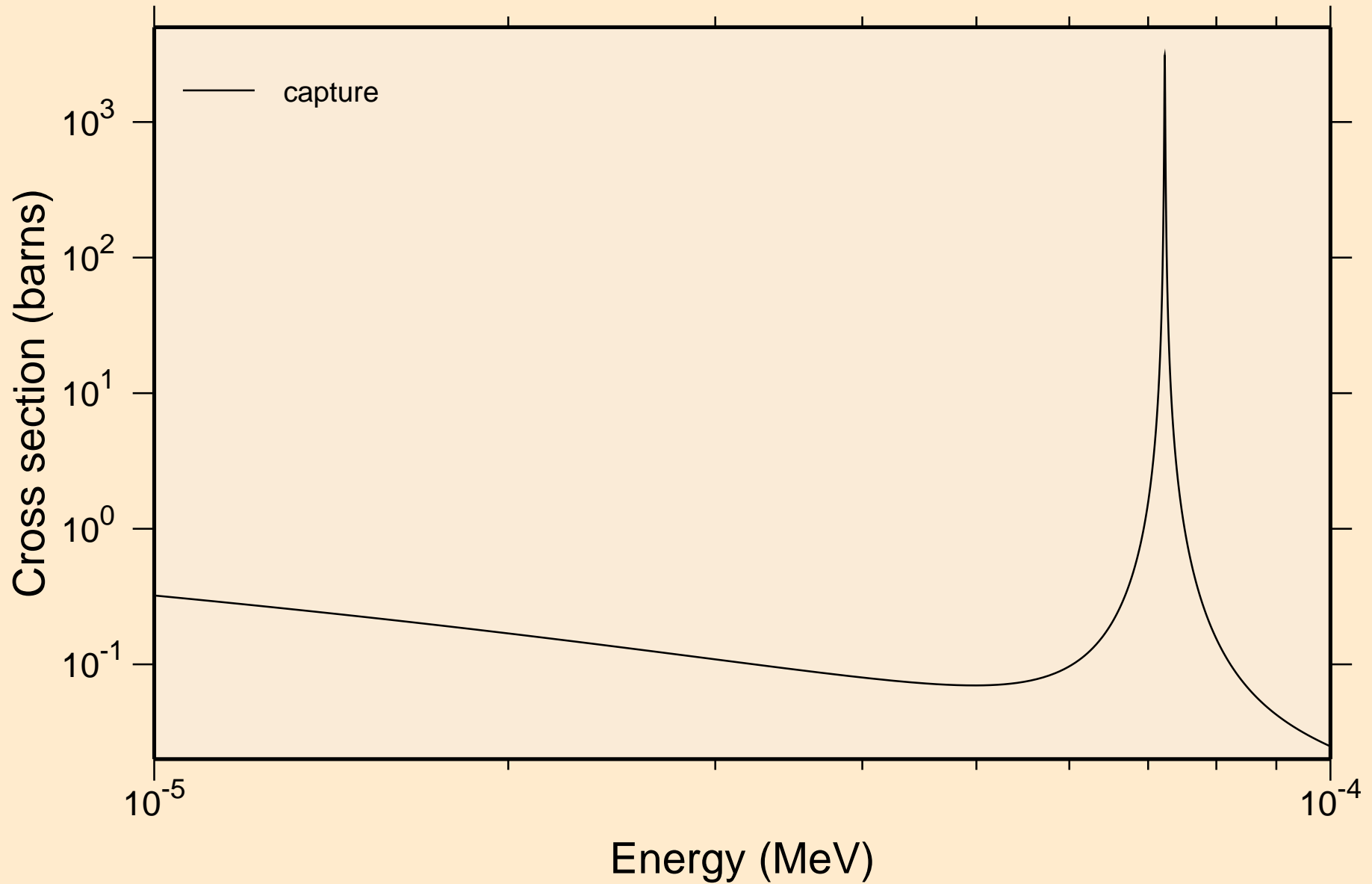
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance total cross section



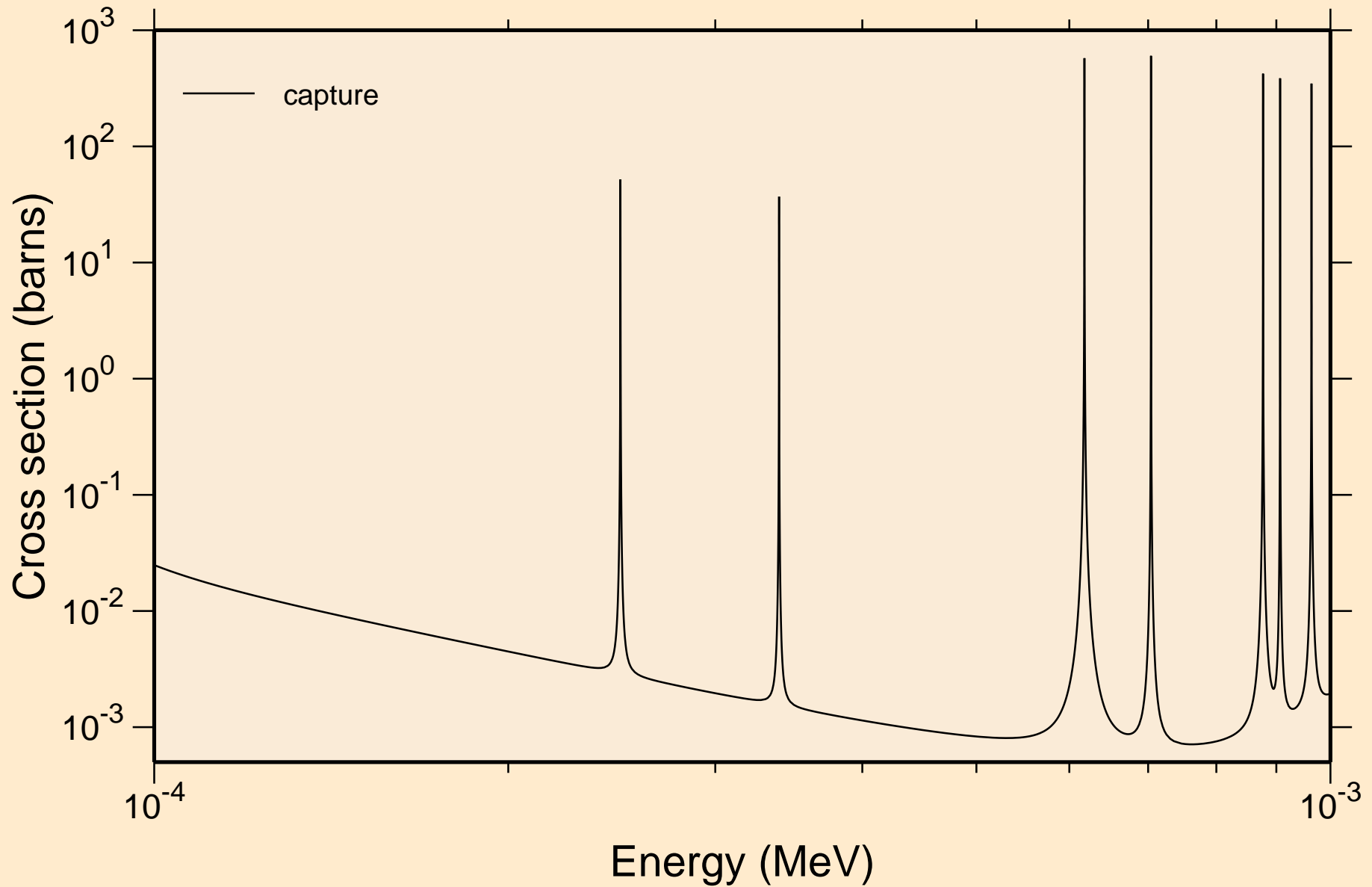
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



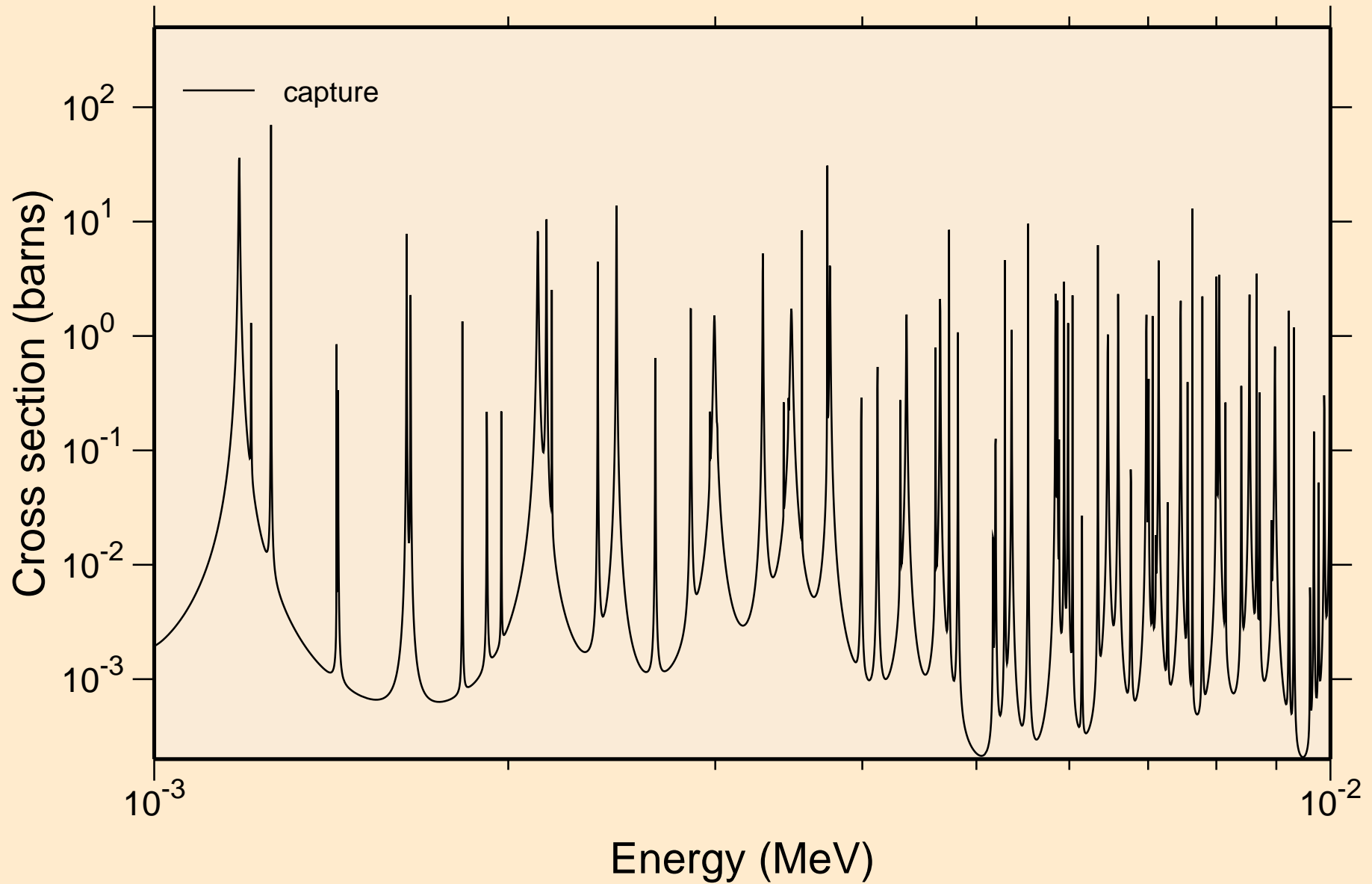
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



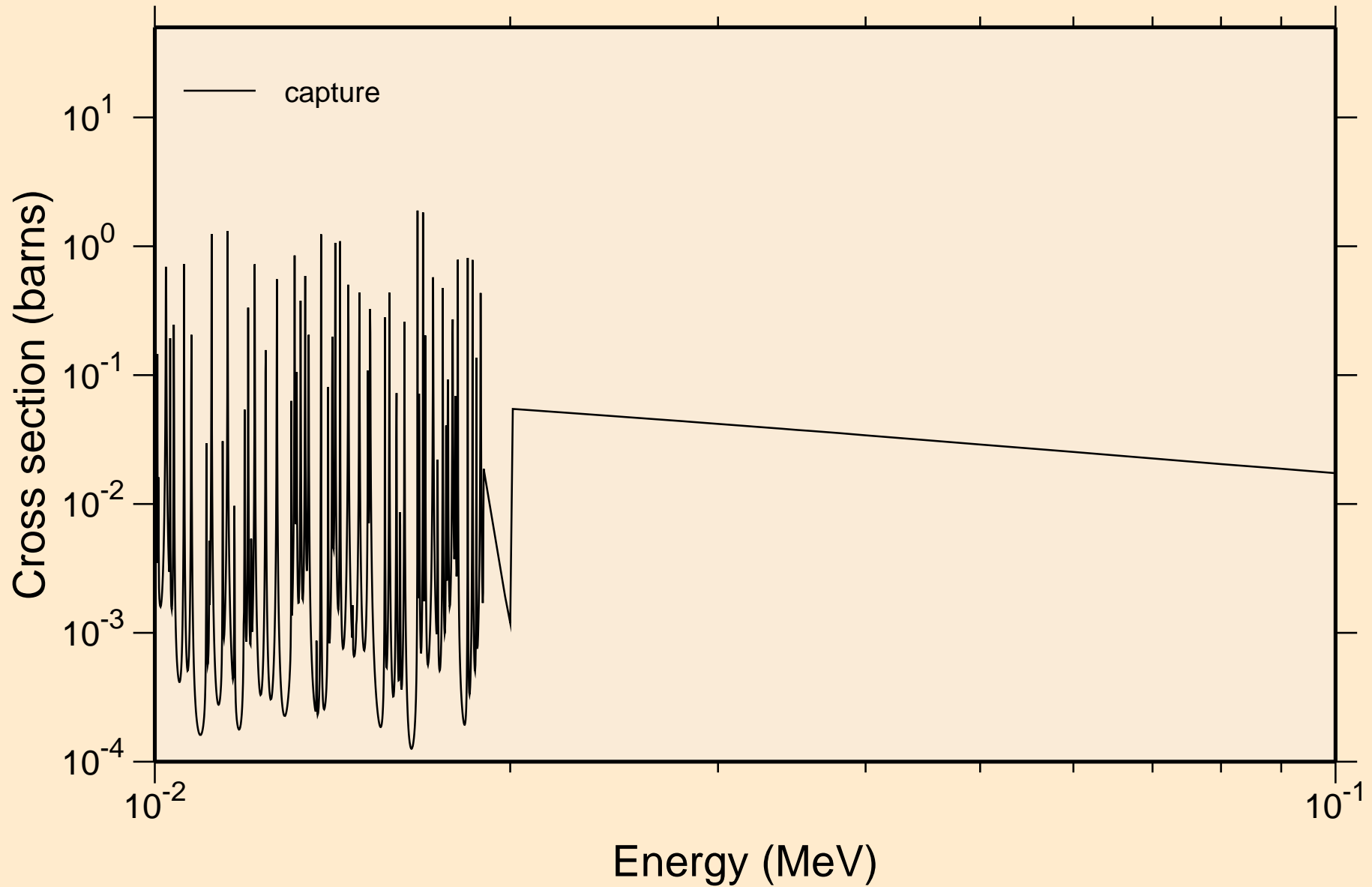
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



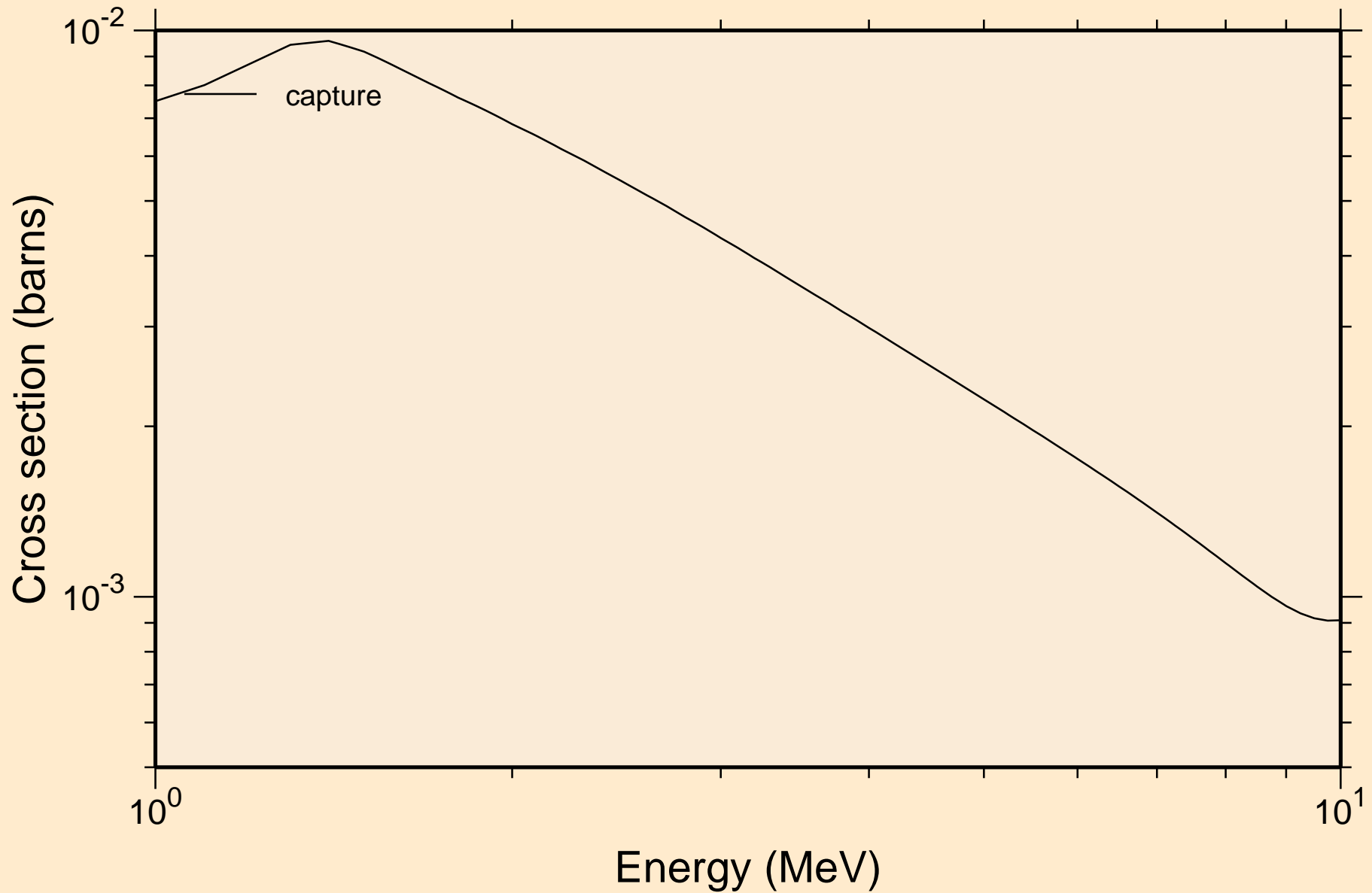
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



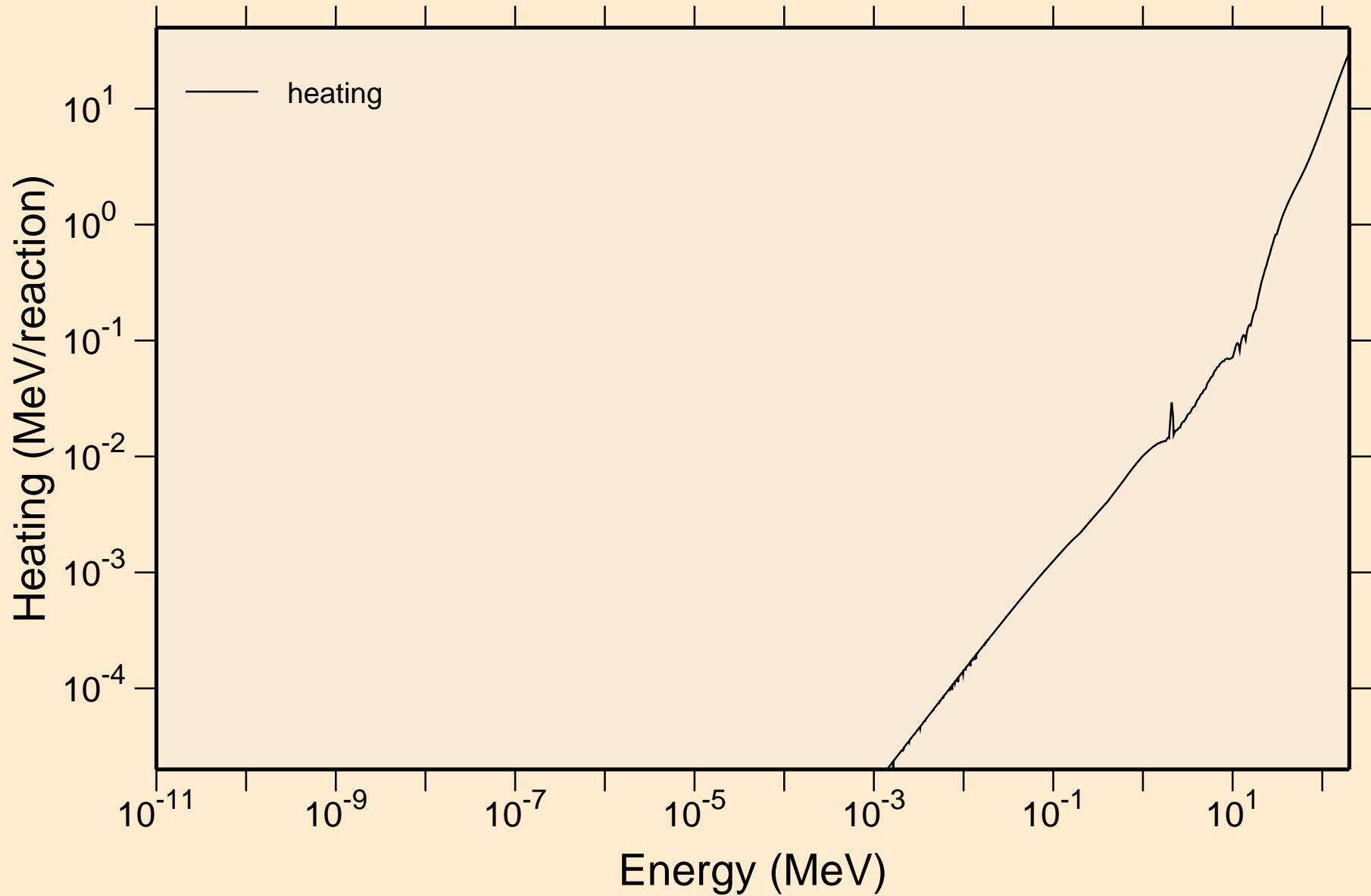
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



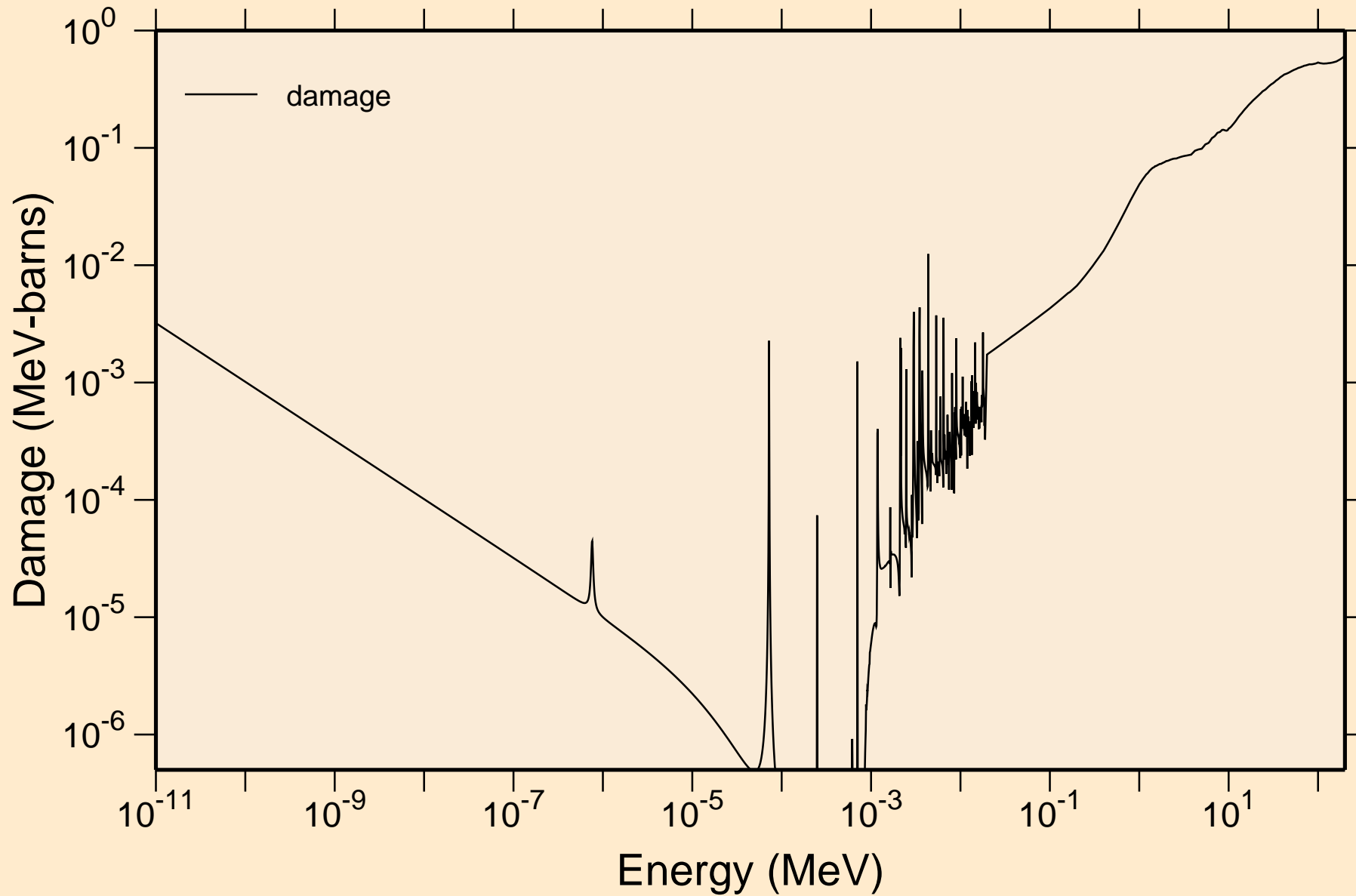
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
resonance absorption cross sections



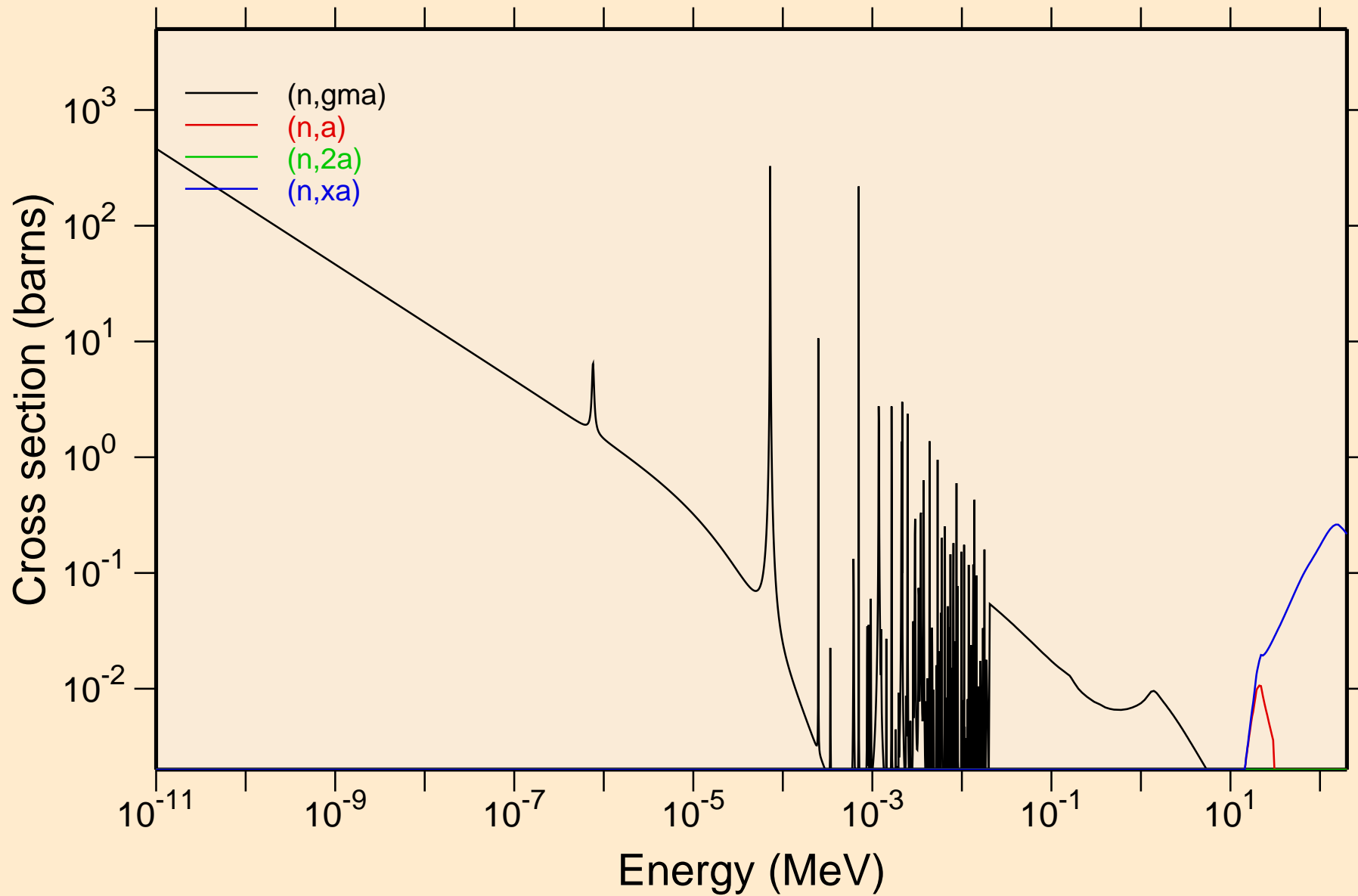
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Heating



LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Damage

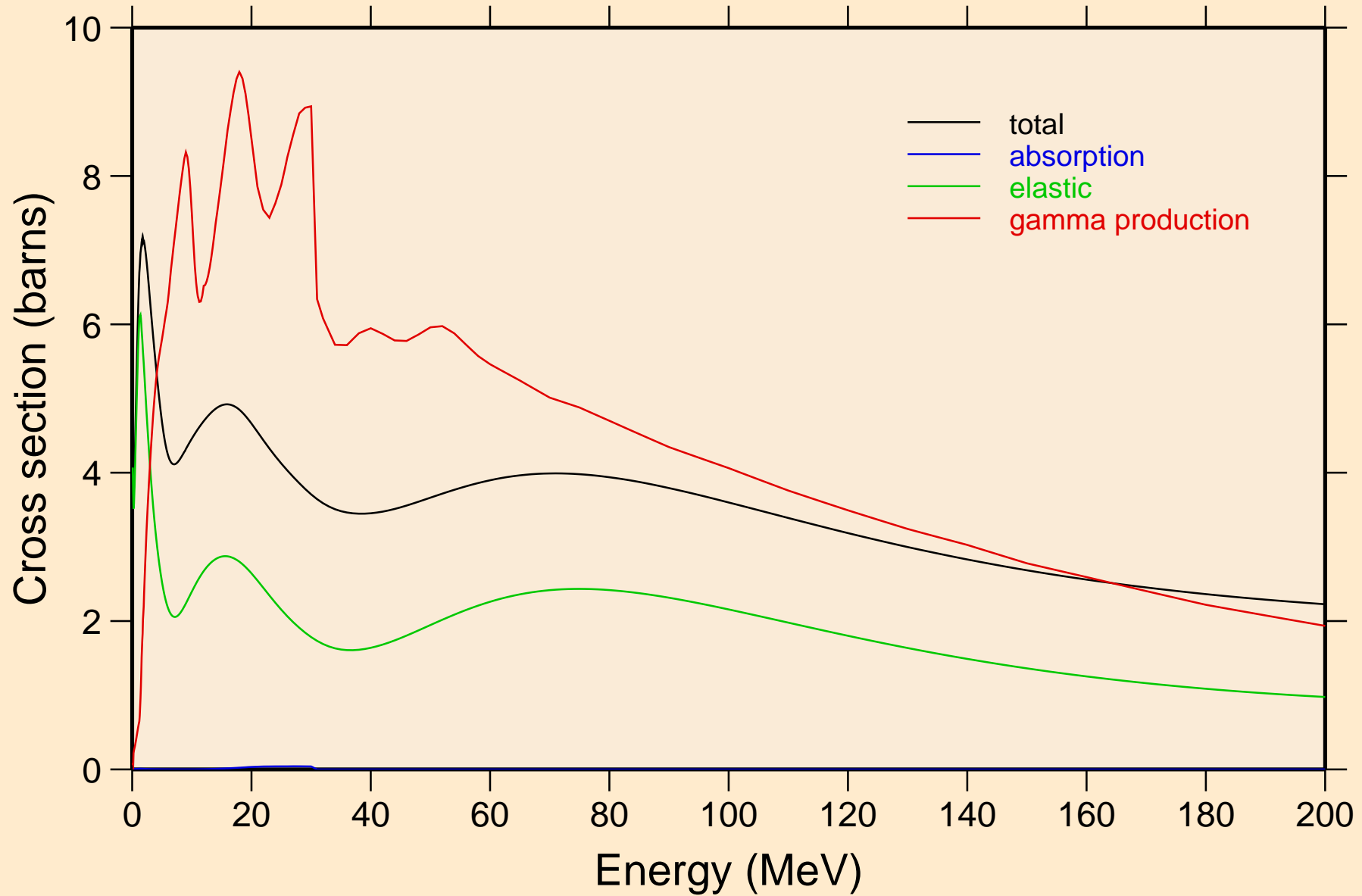


LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



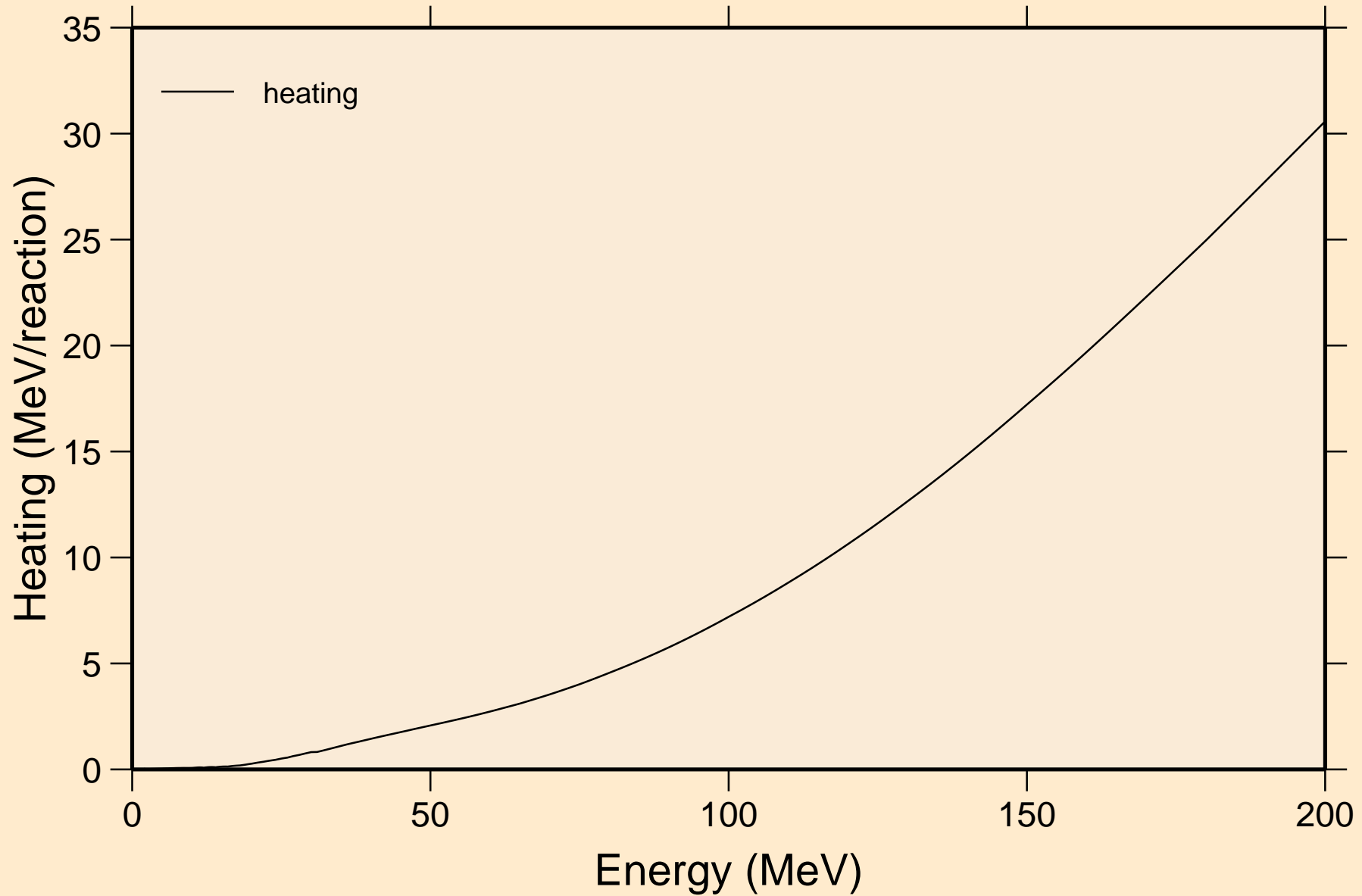
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



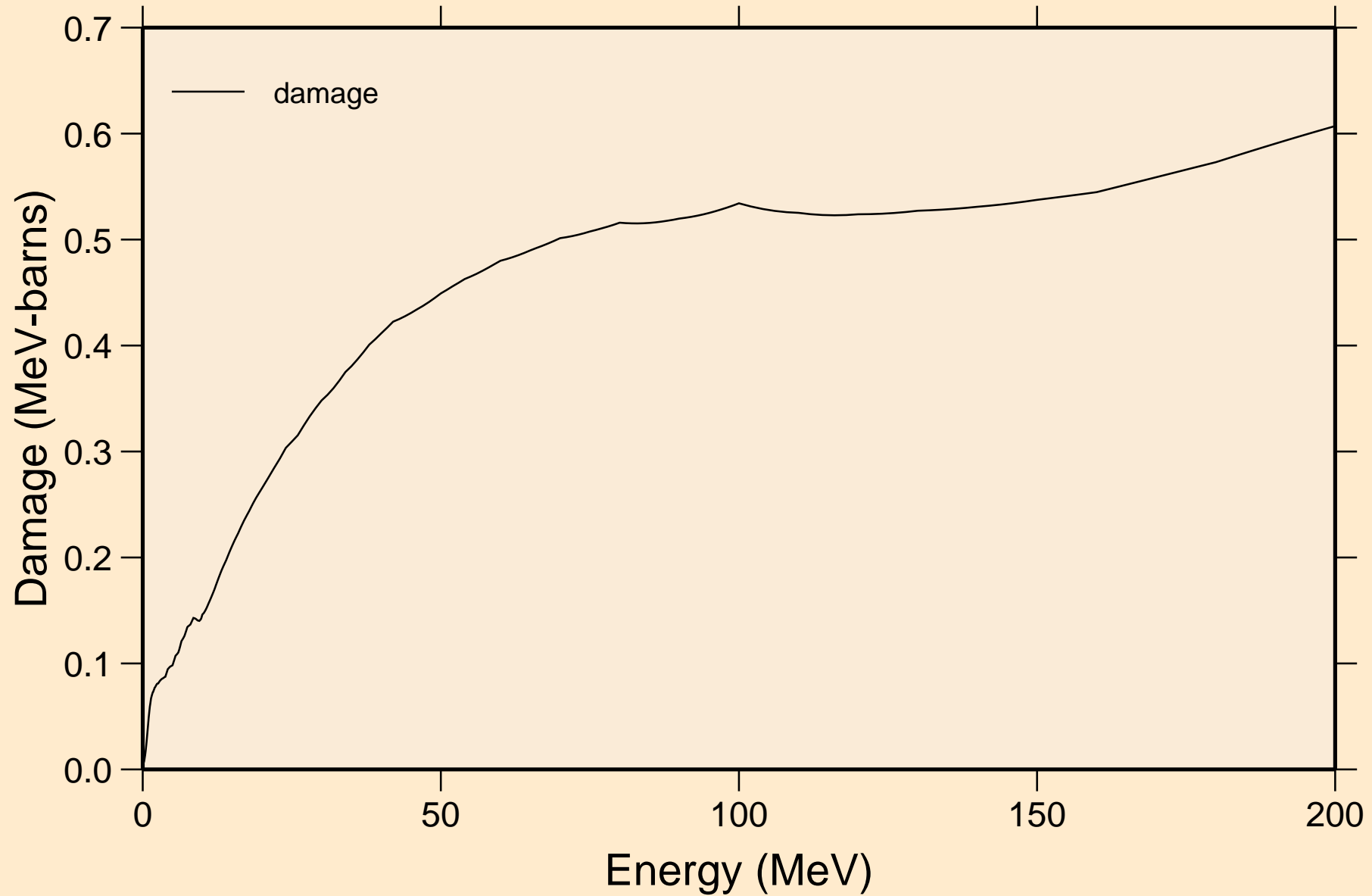
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

Heating

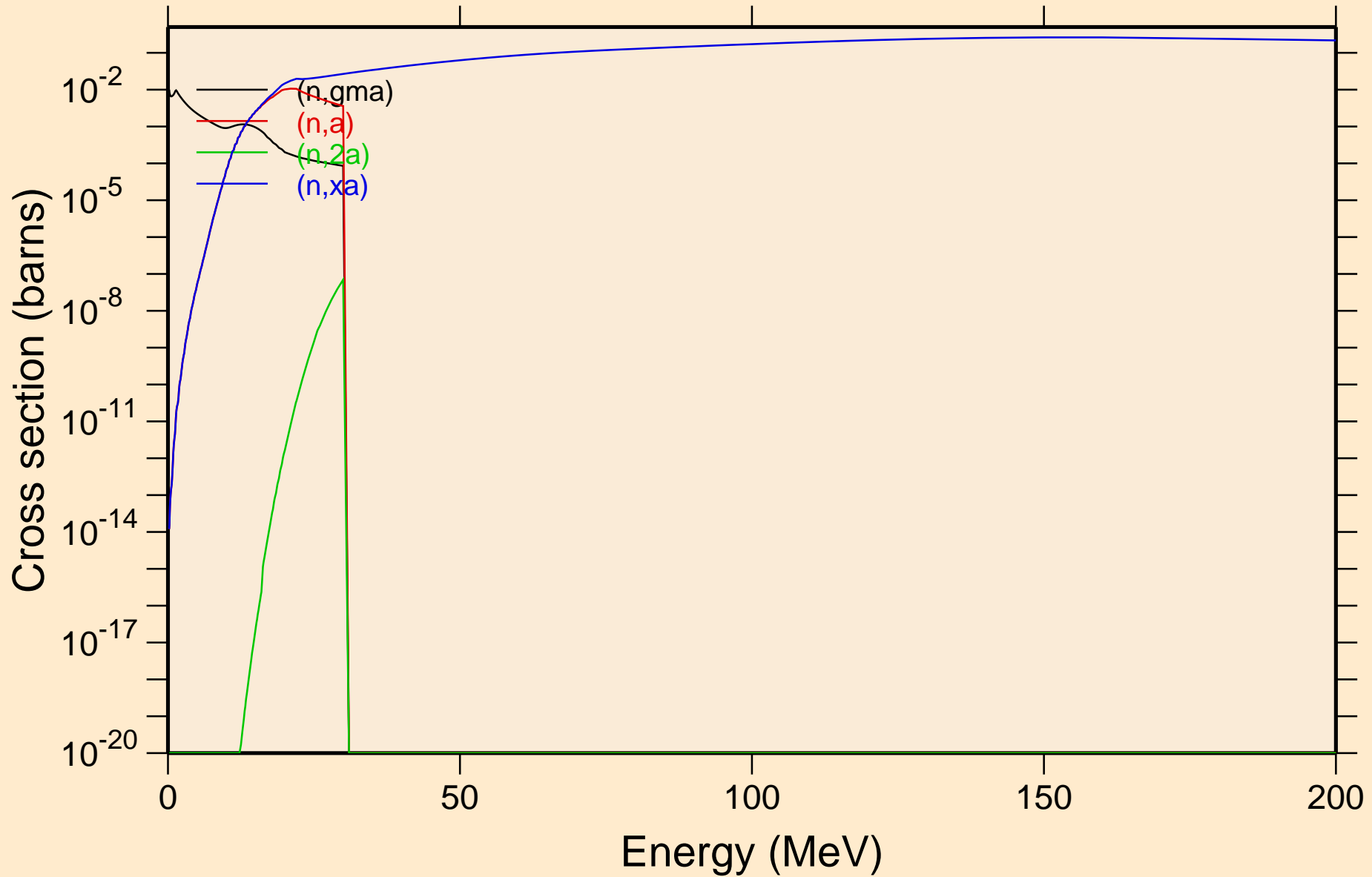


LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

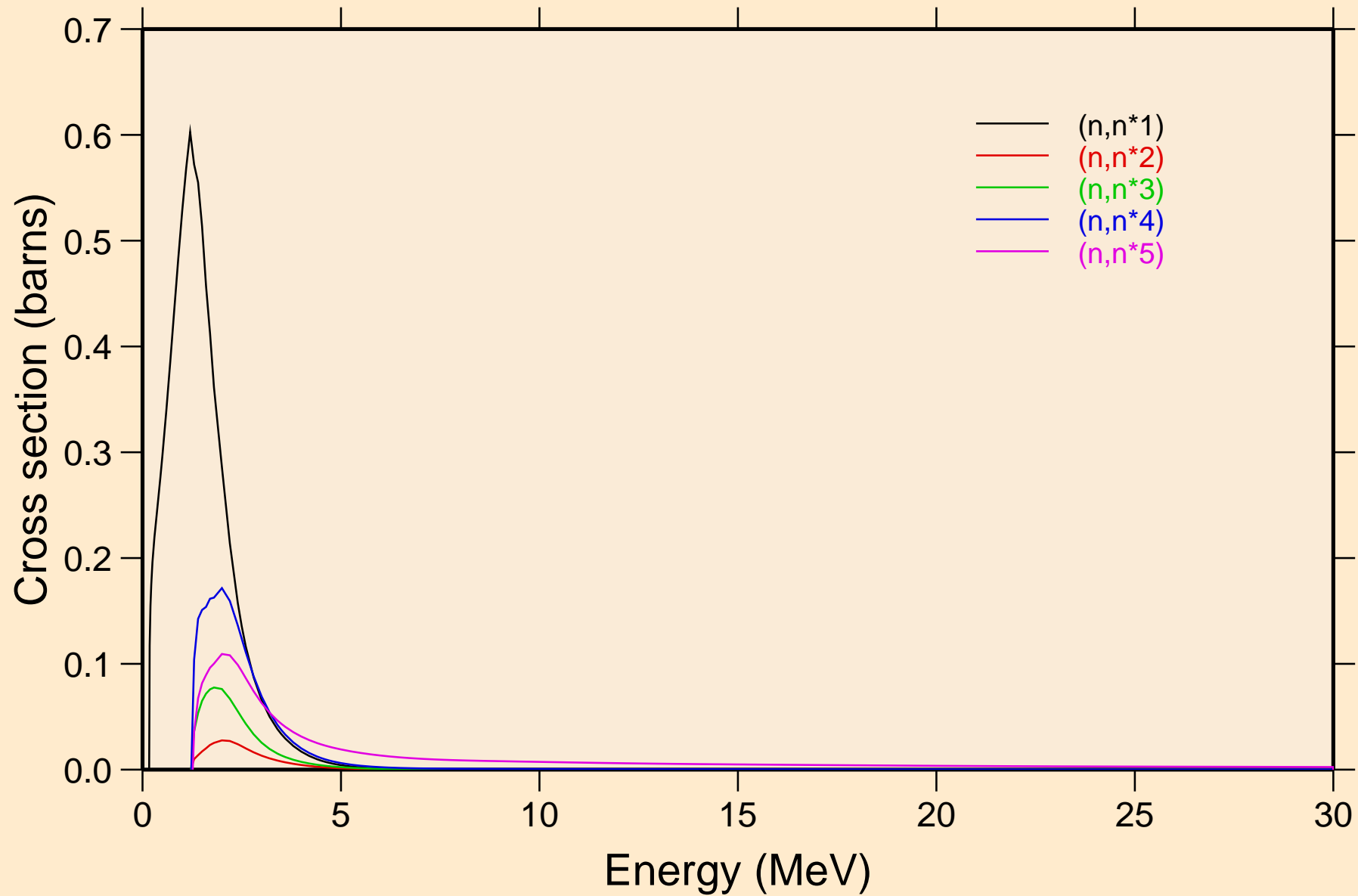
Damage



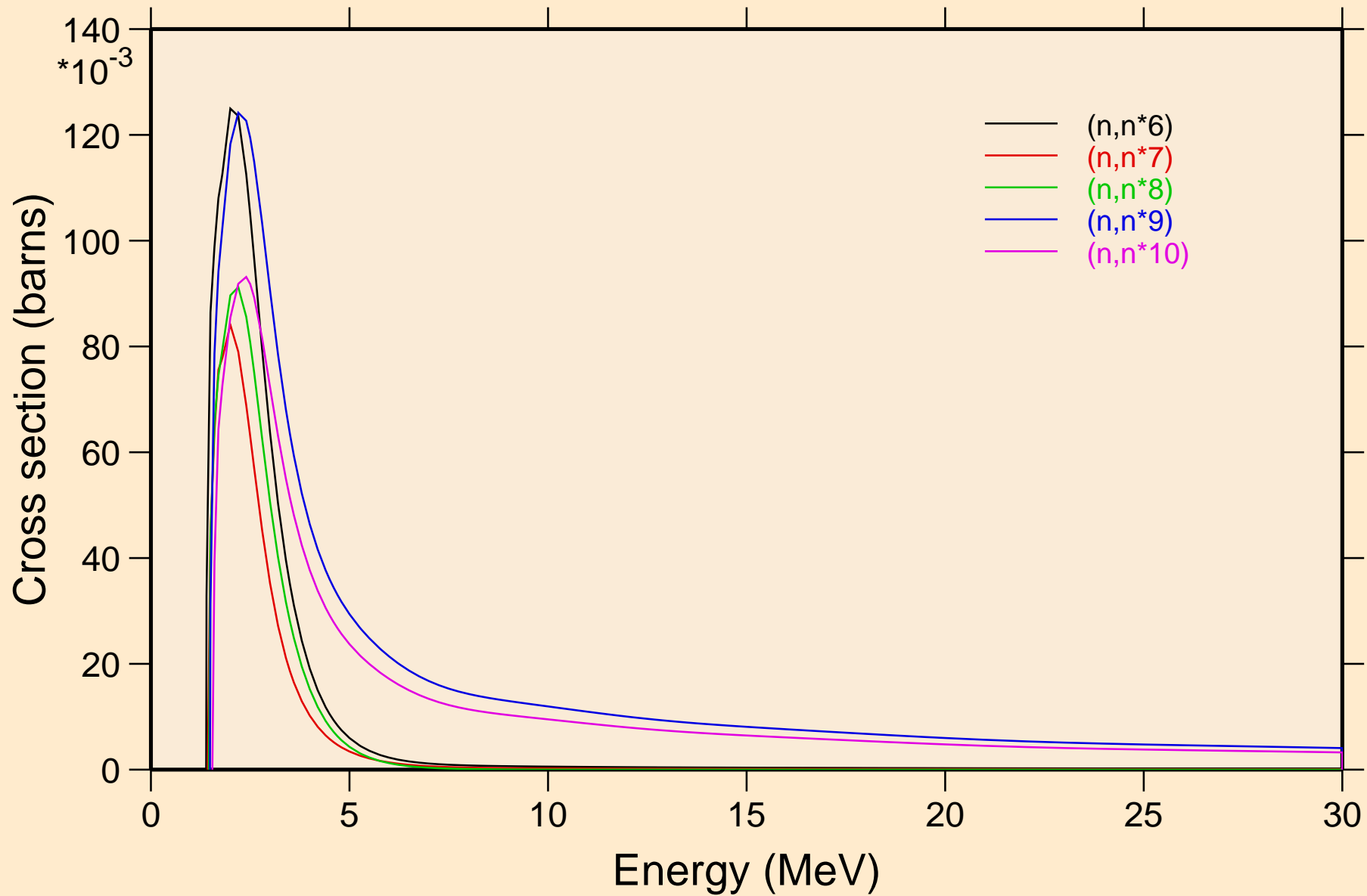
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Non-threshold reactions



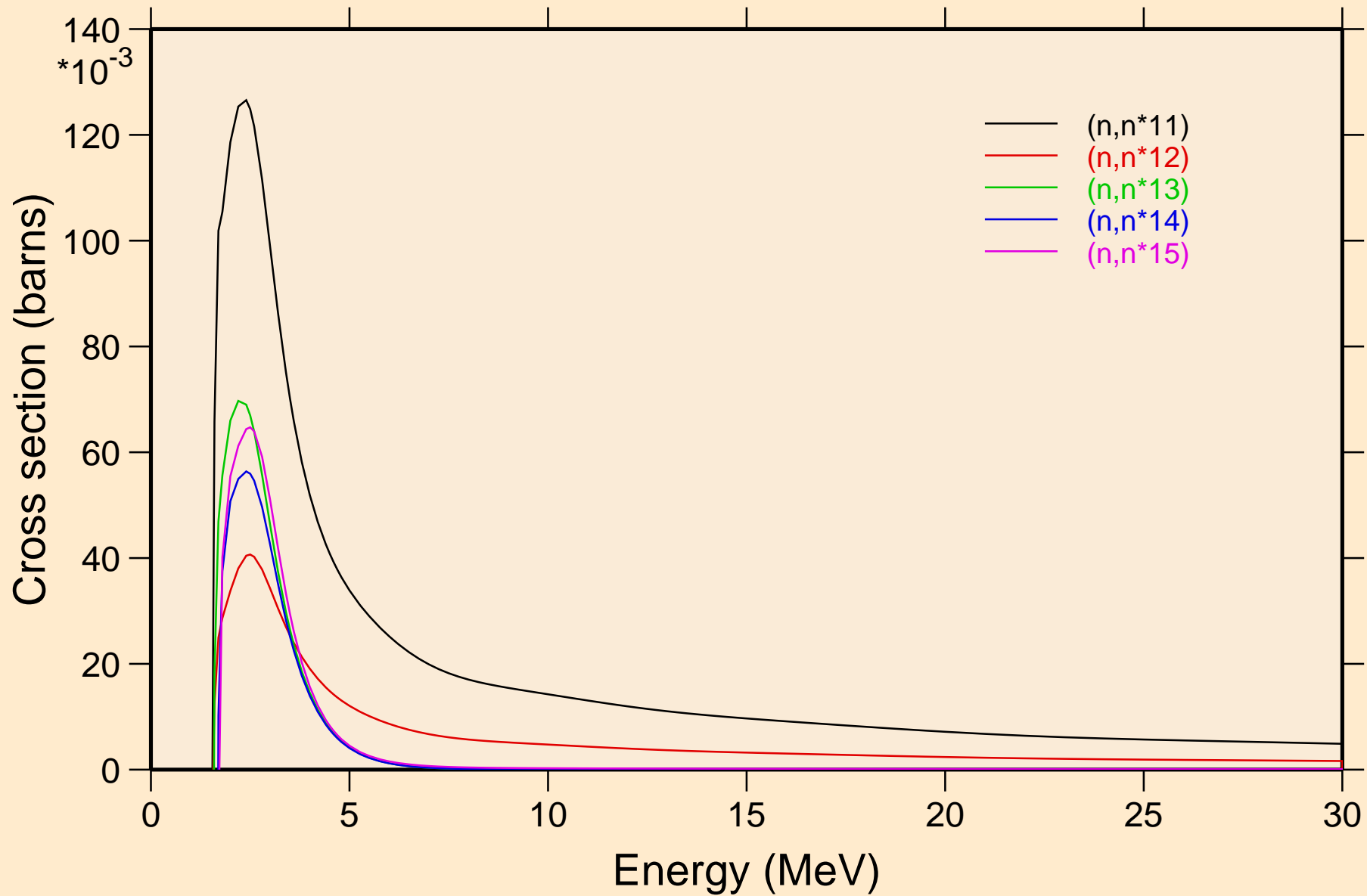
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



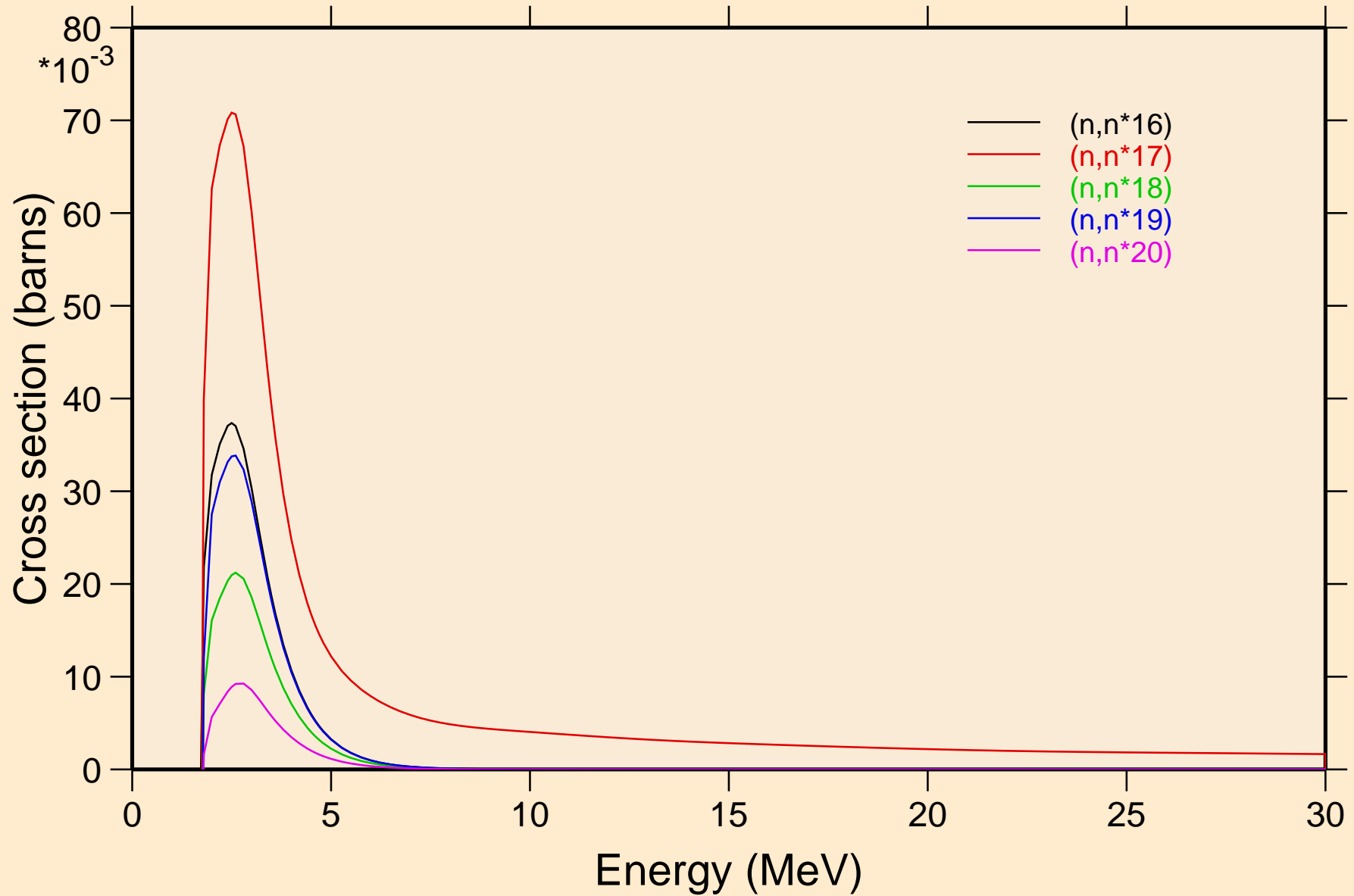
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



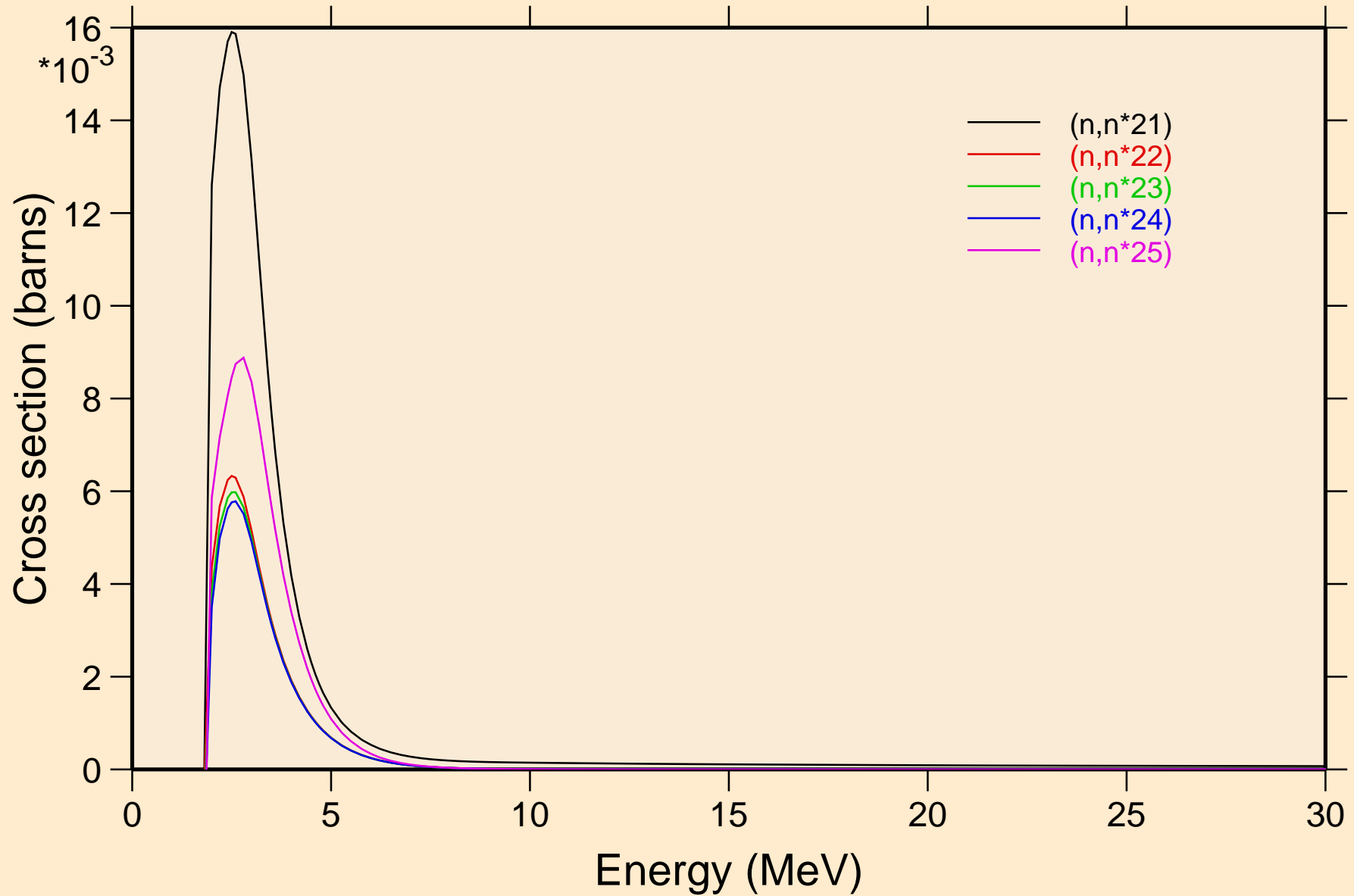
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



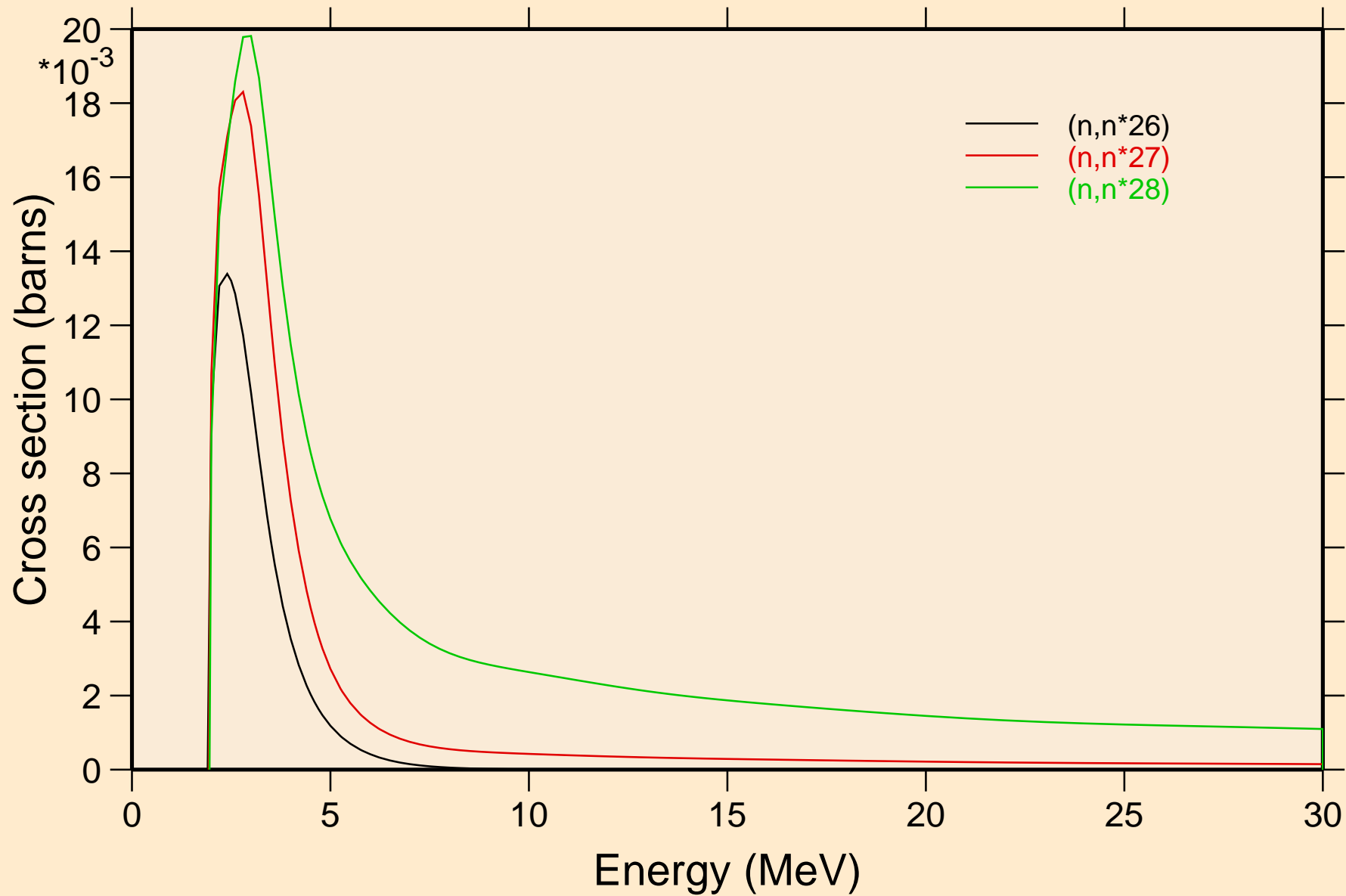
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels



LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels

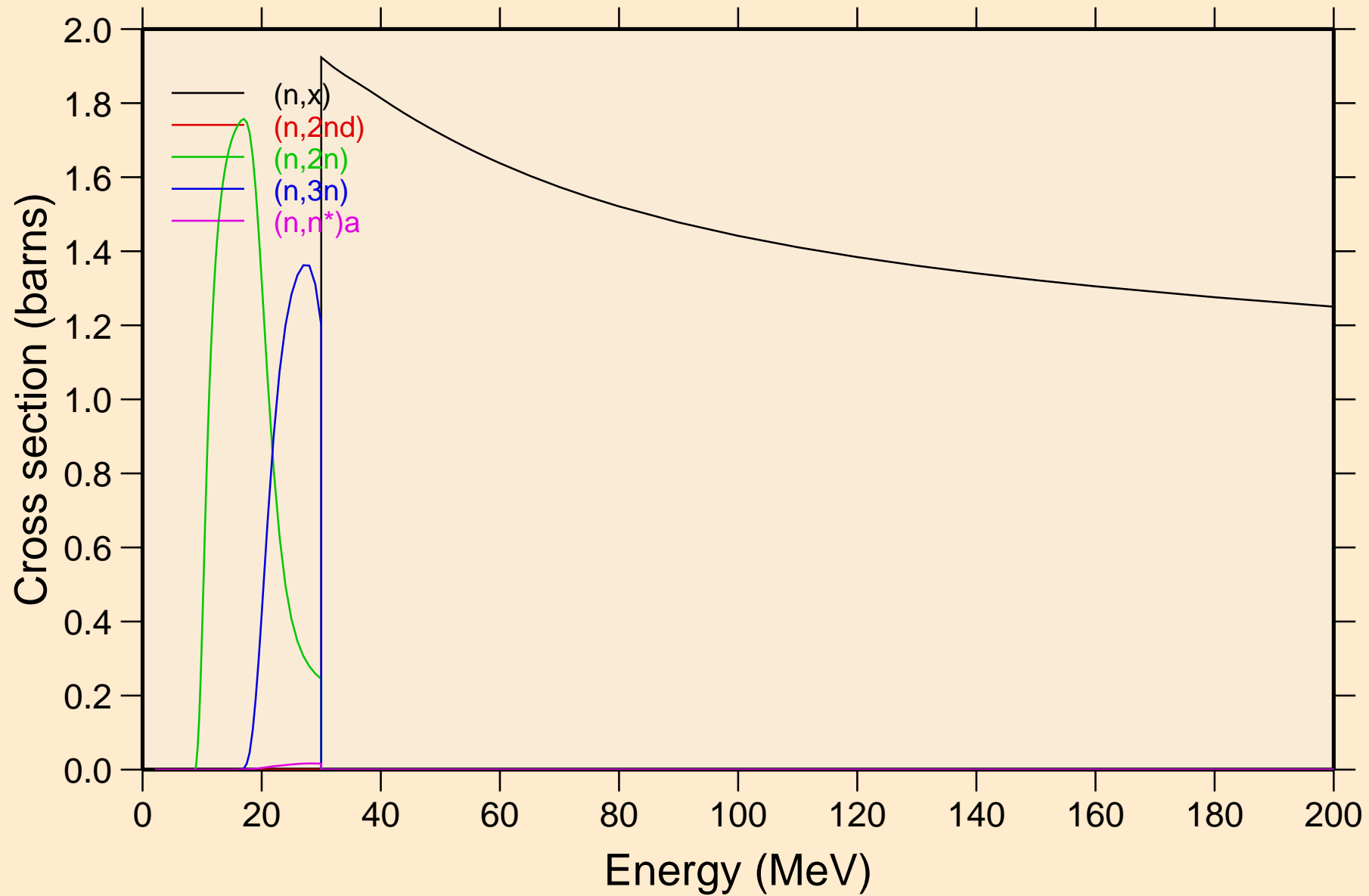


LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Inelastic levels

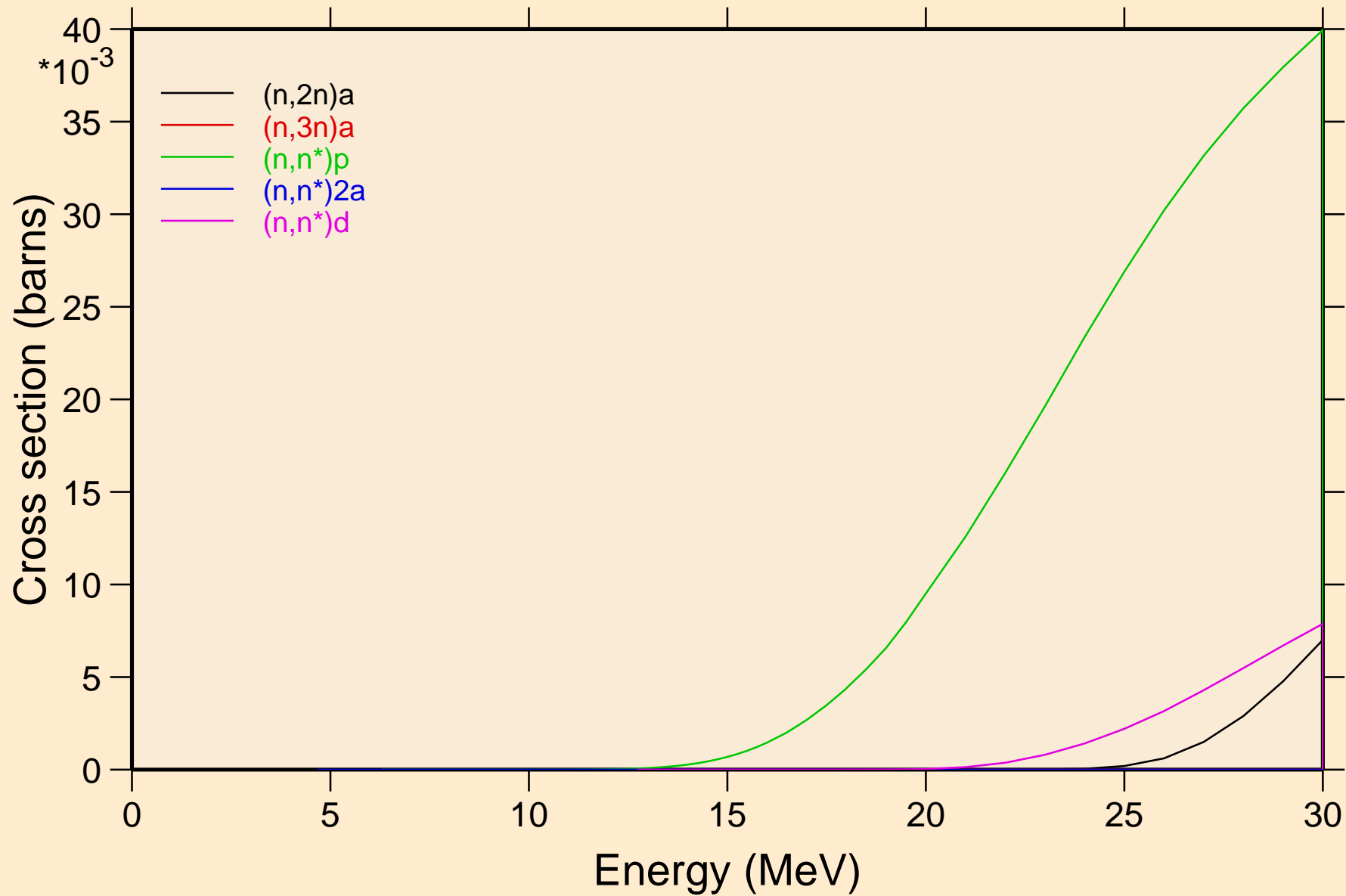


LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

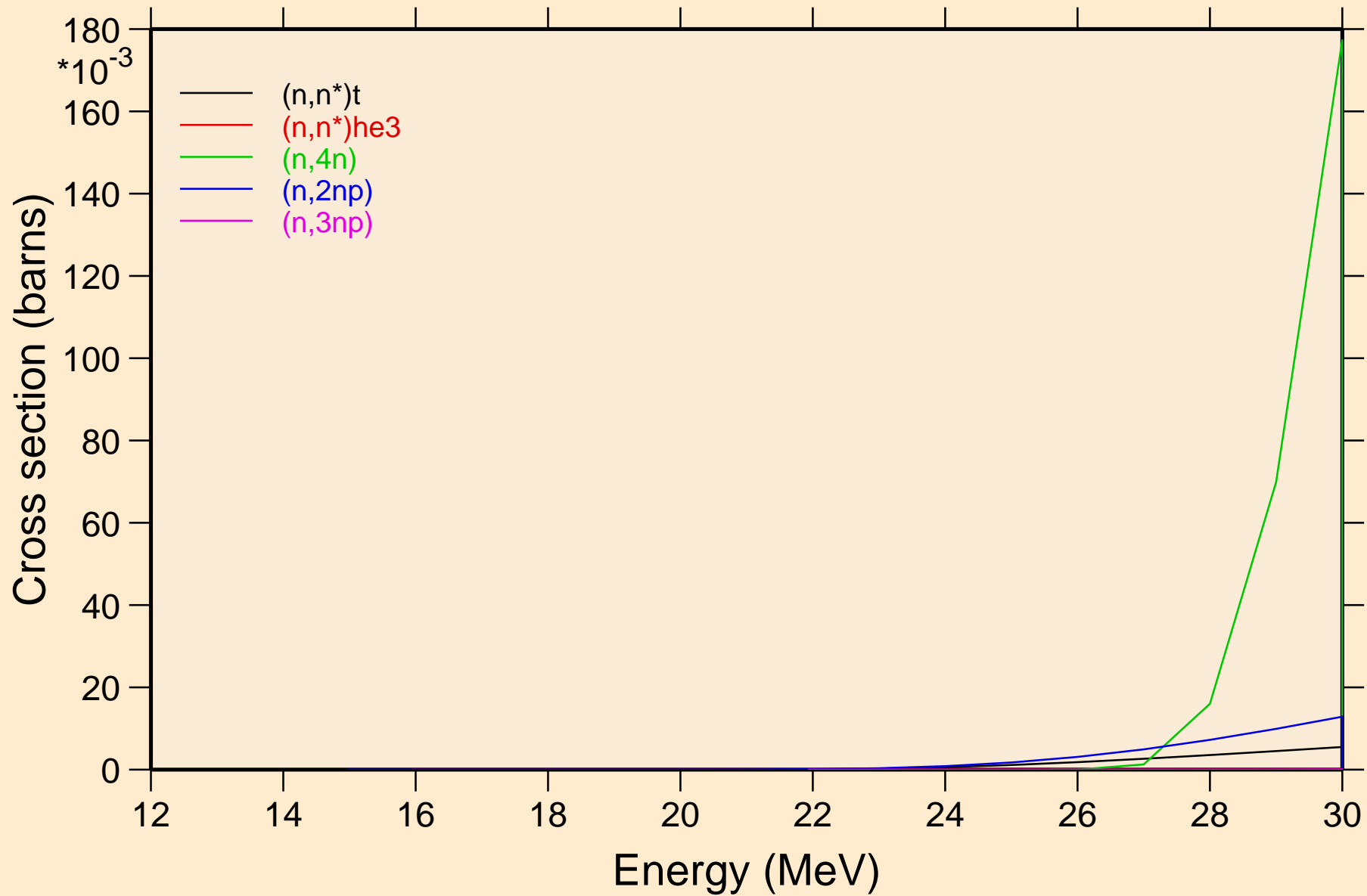
Threshold reactions



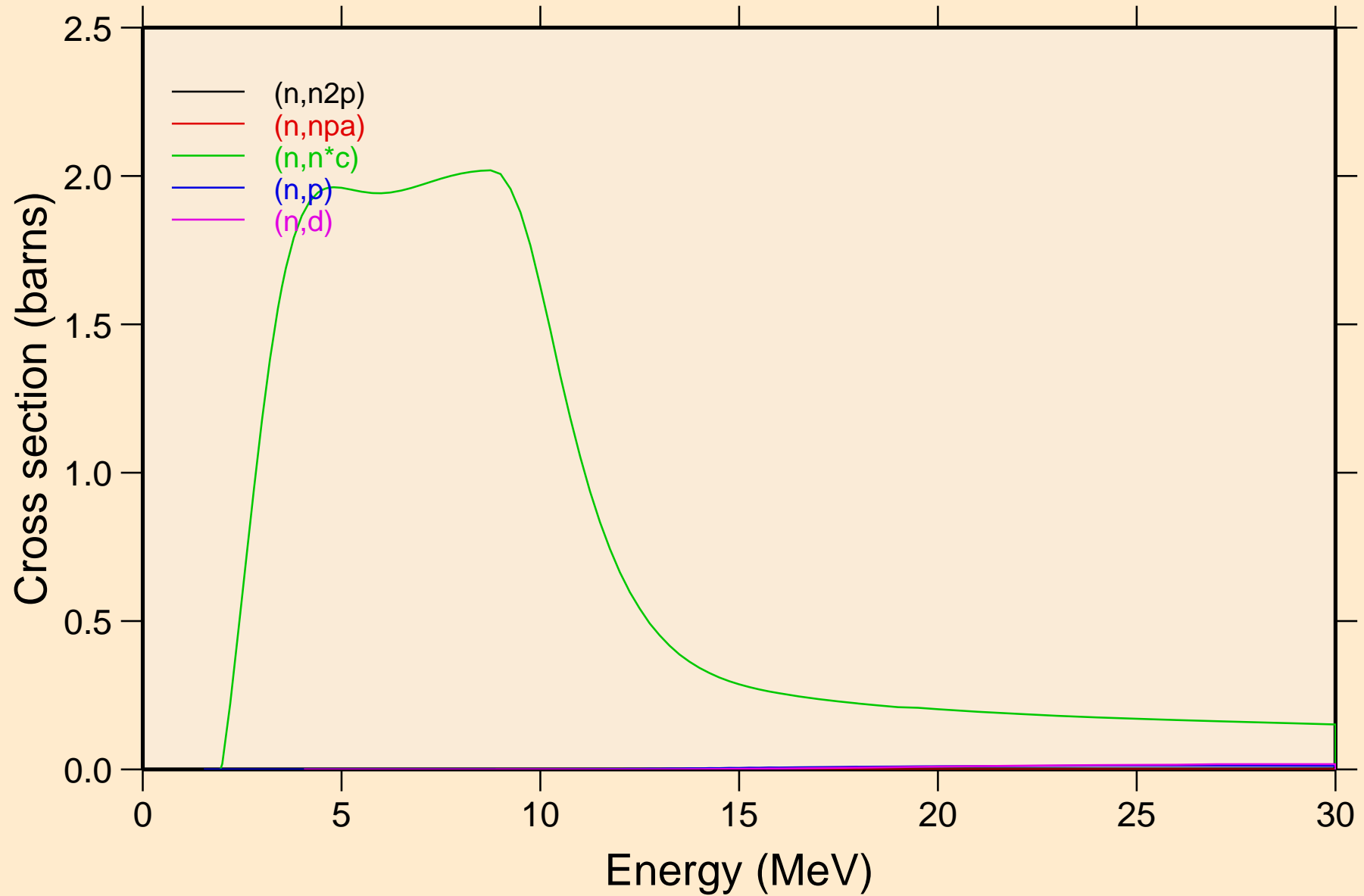
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



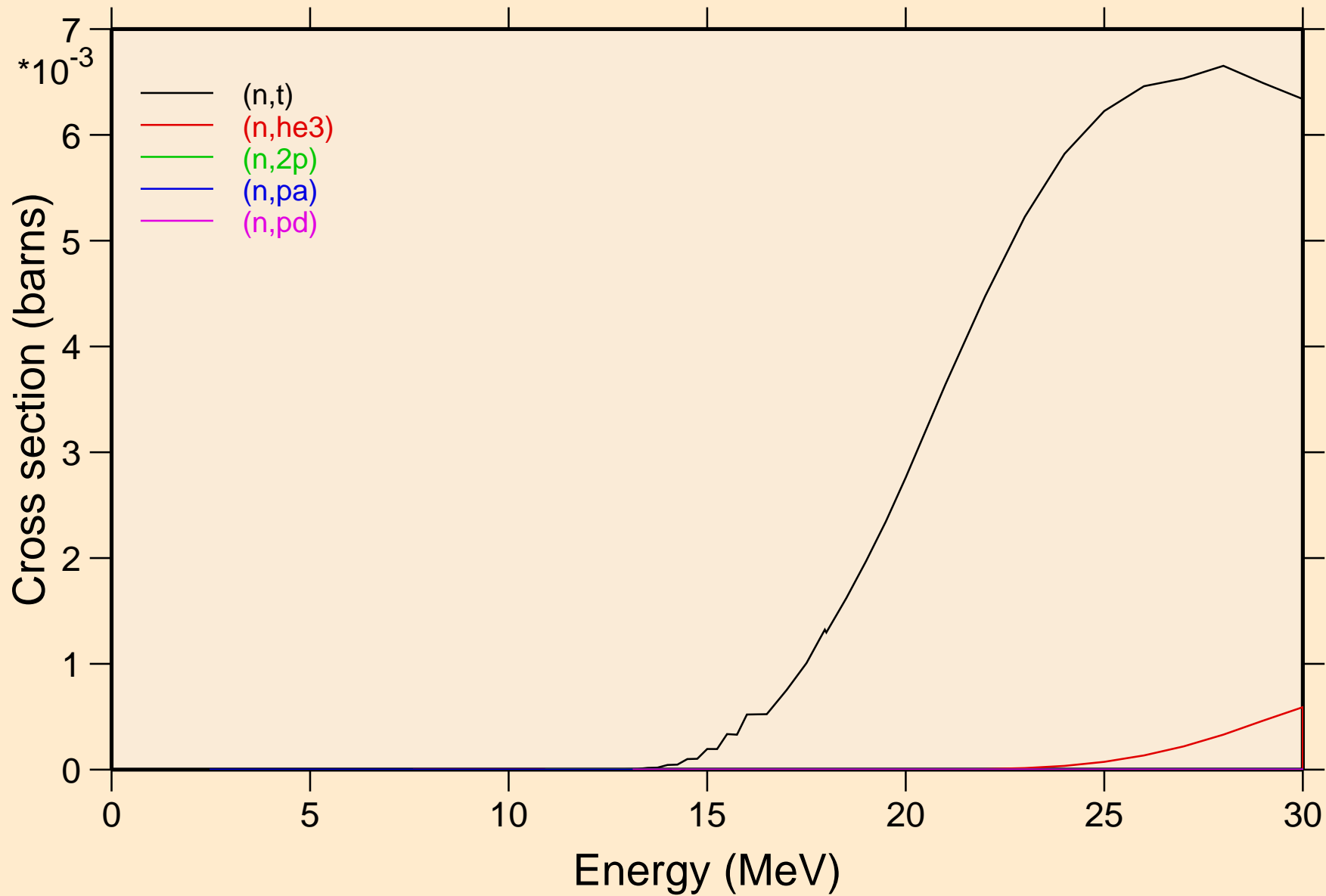
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



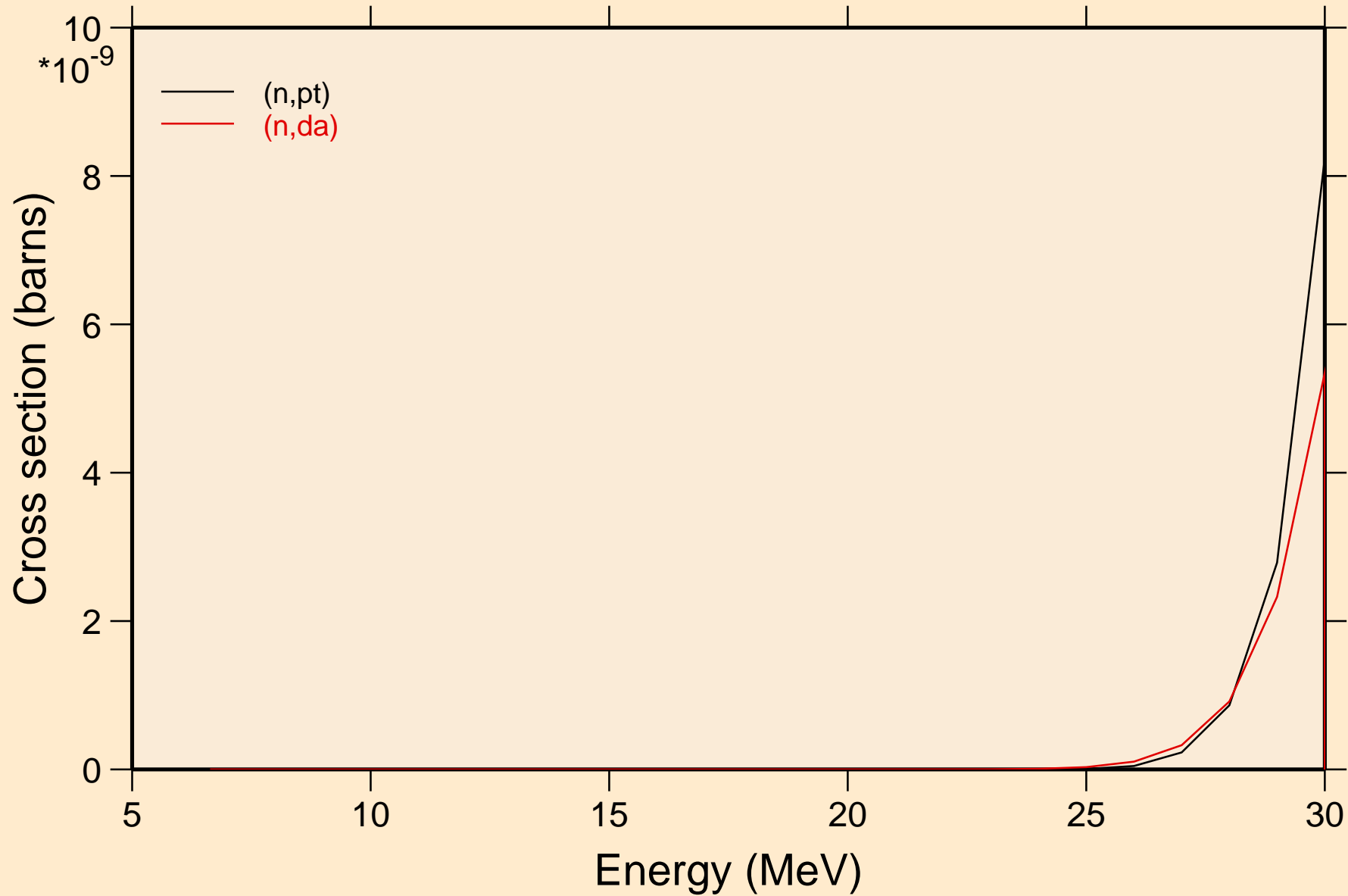
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



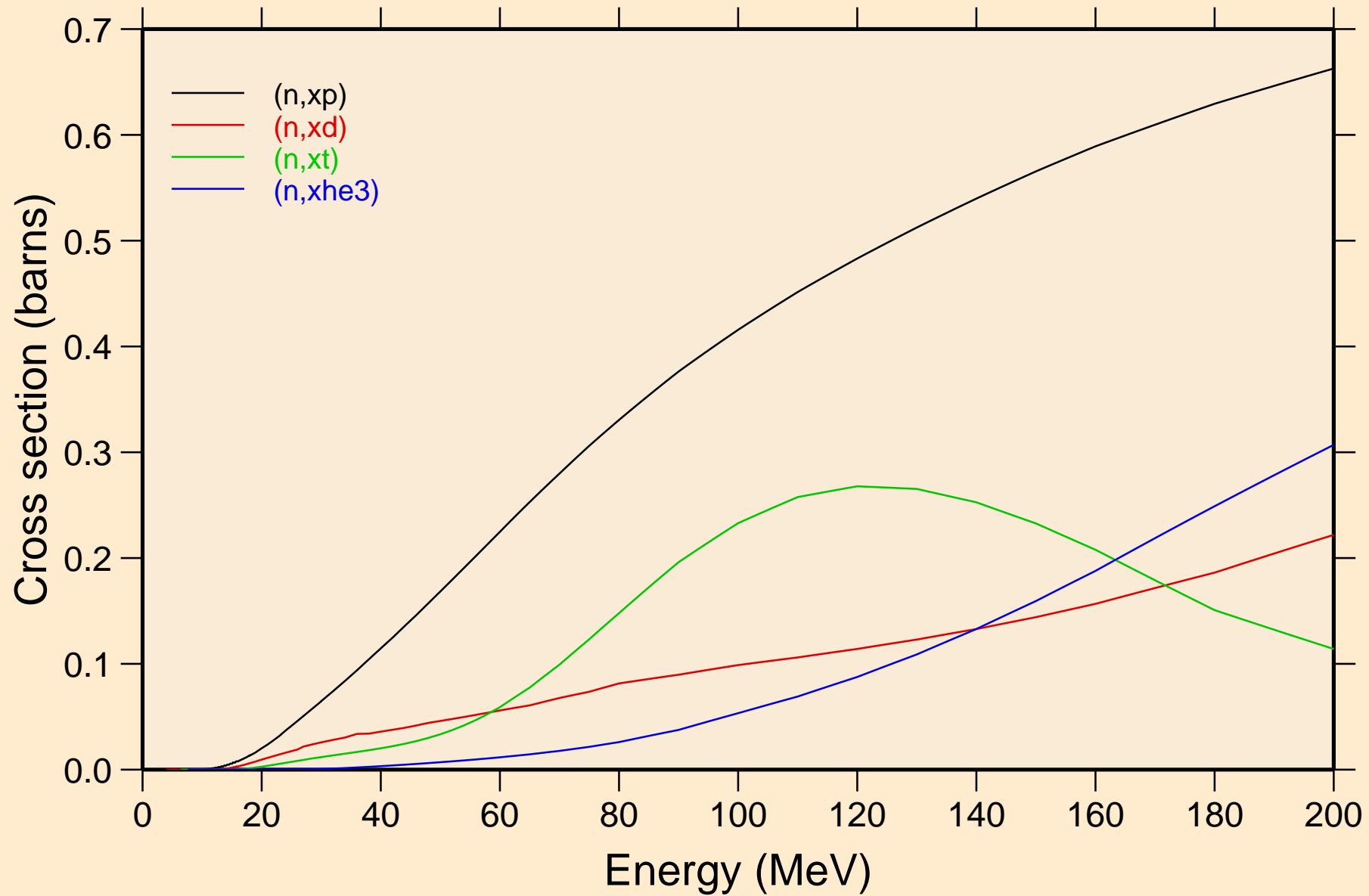
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



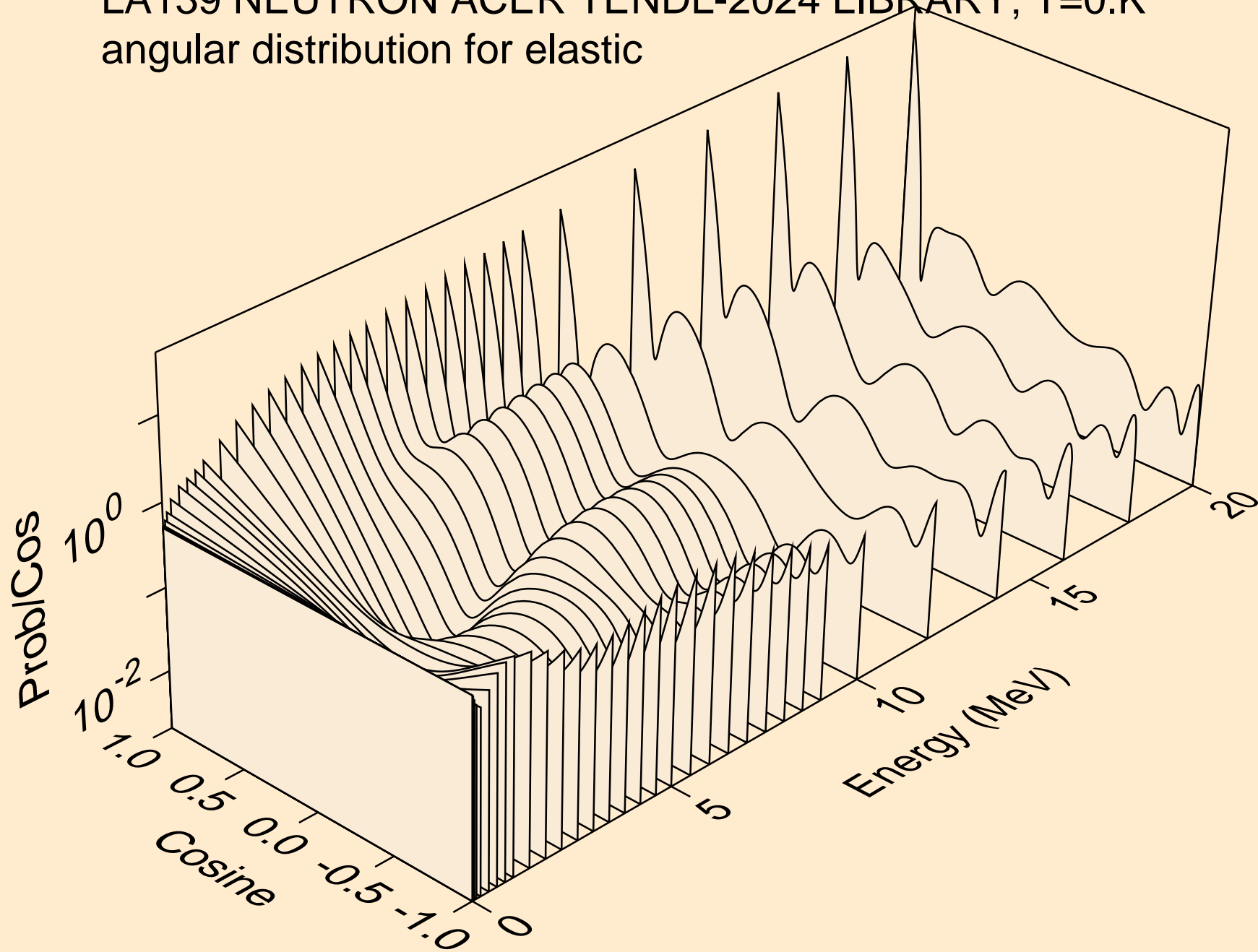
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



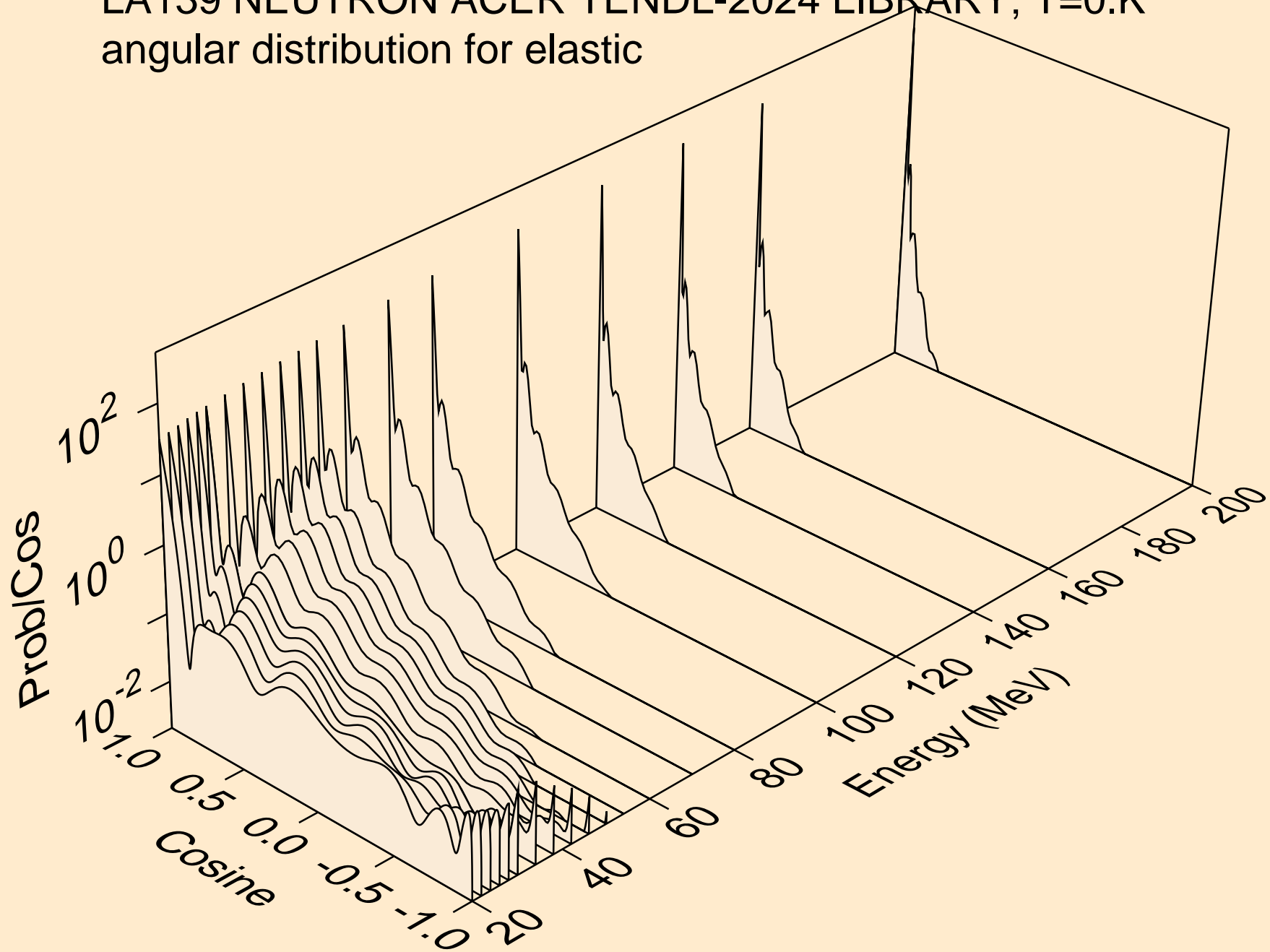
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Threshold reactions



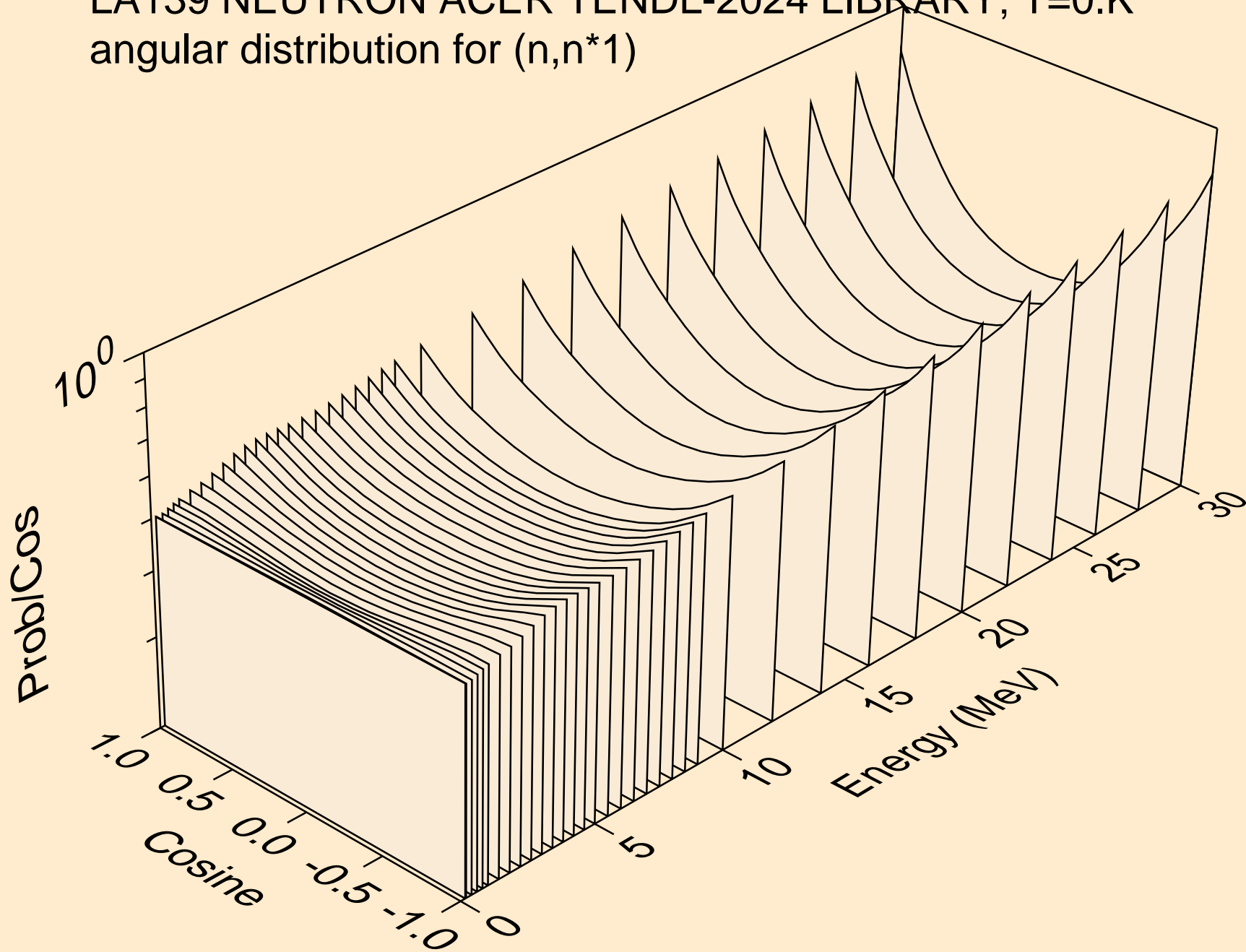
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



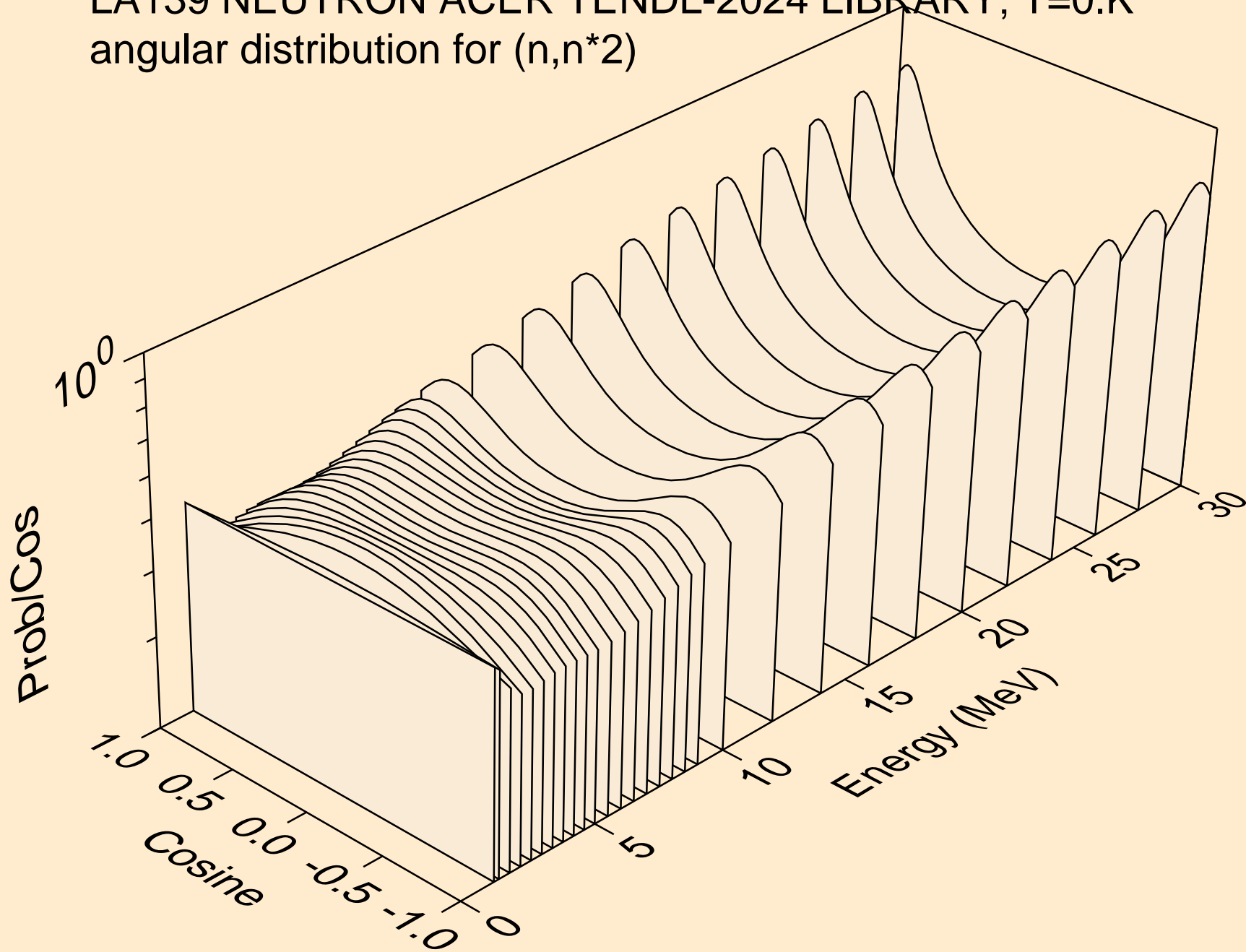
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



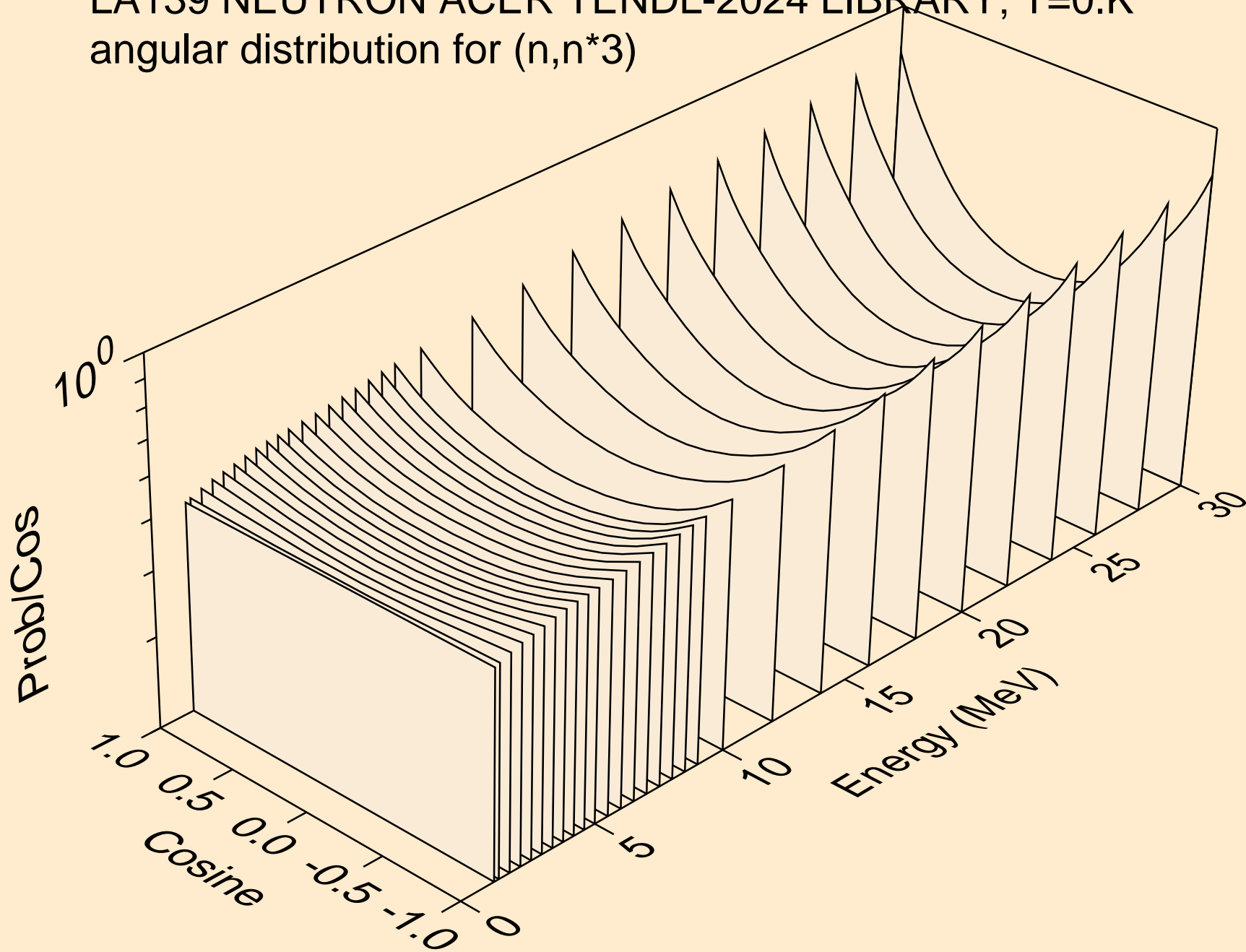
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*1)



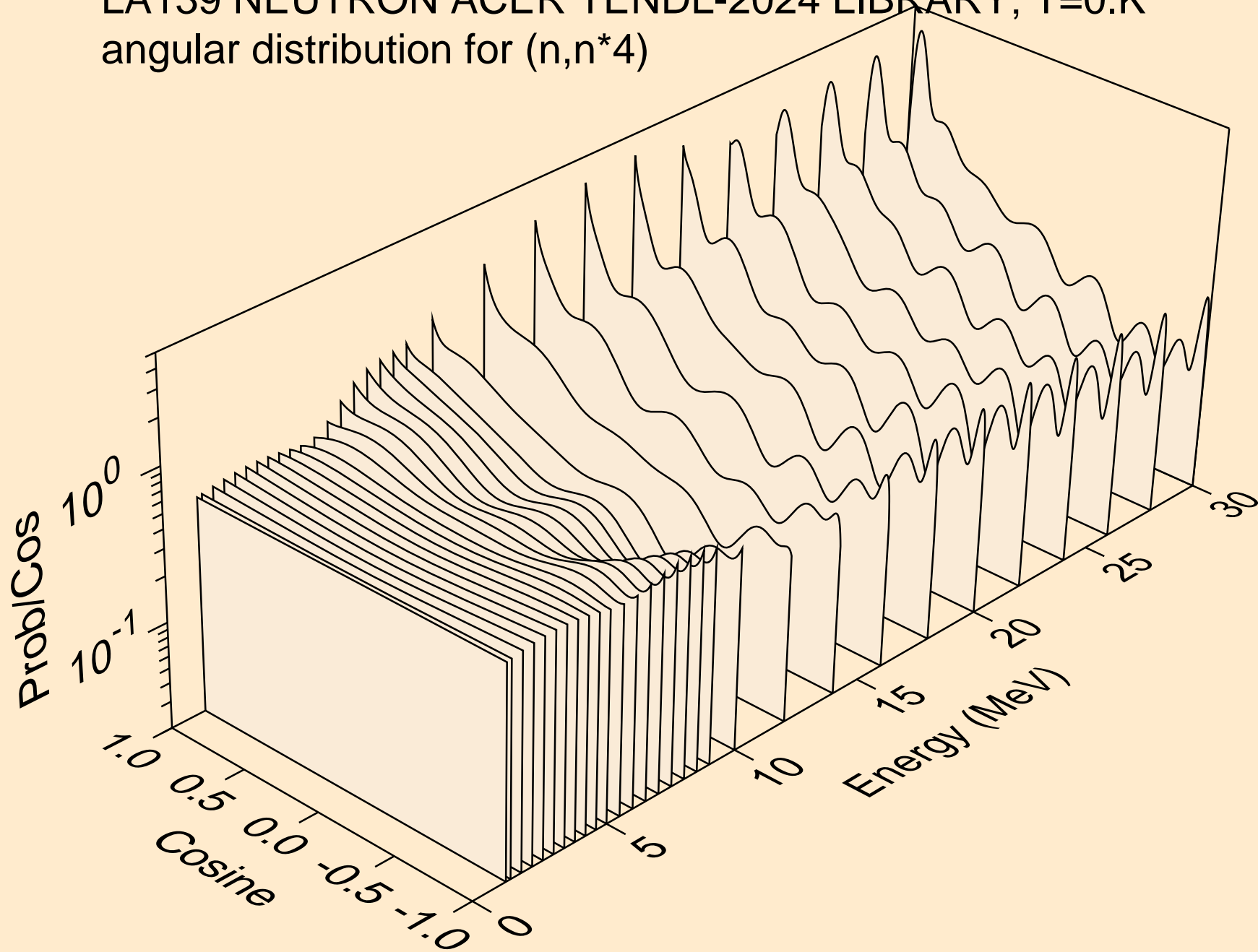
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*2)



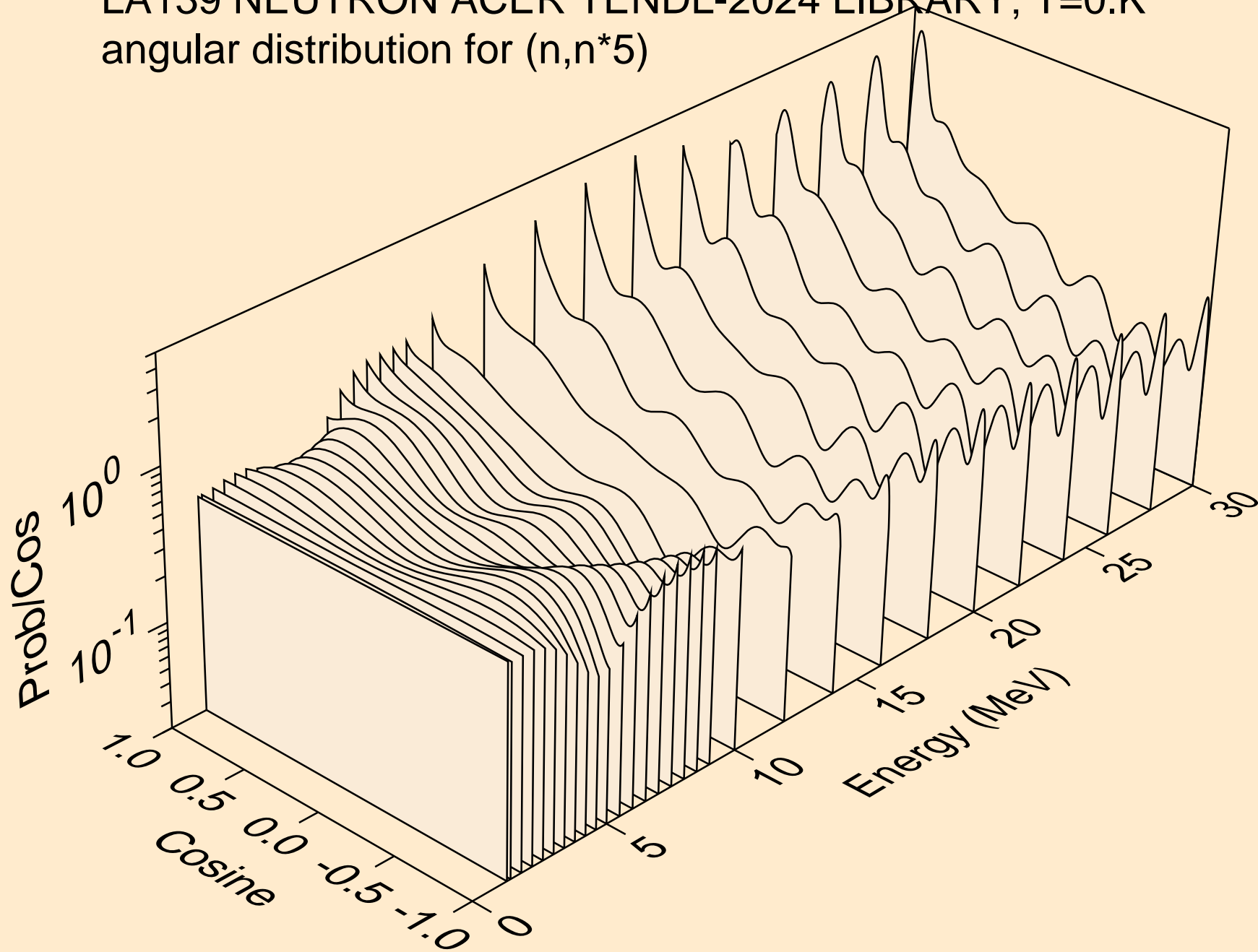
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*3)



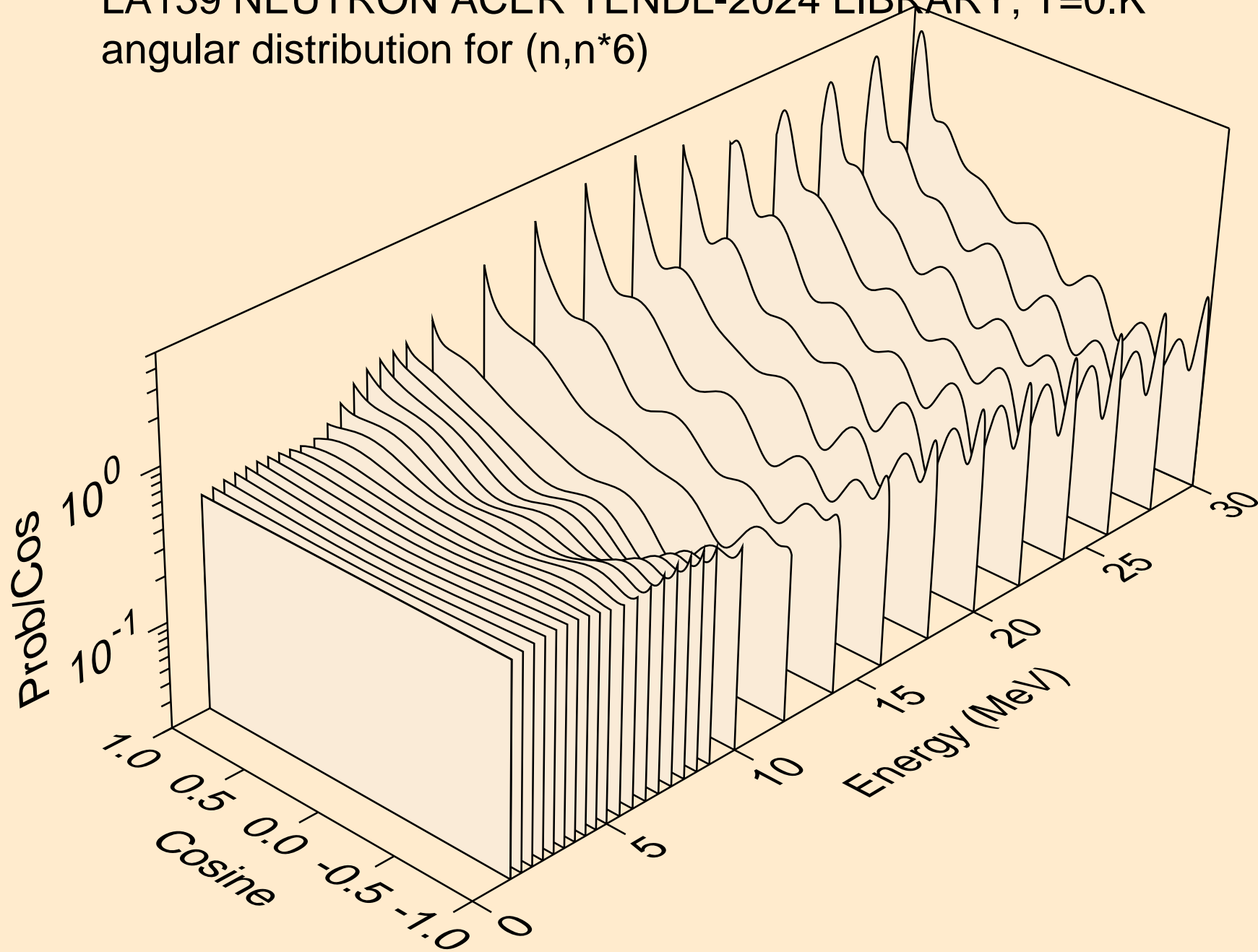
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*4)



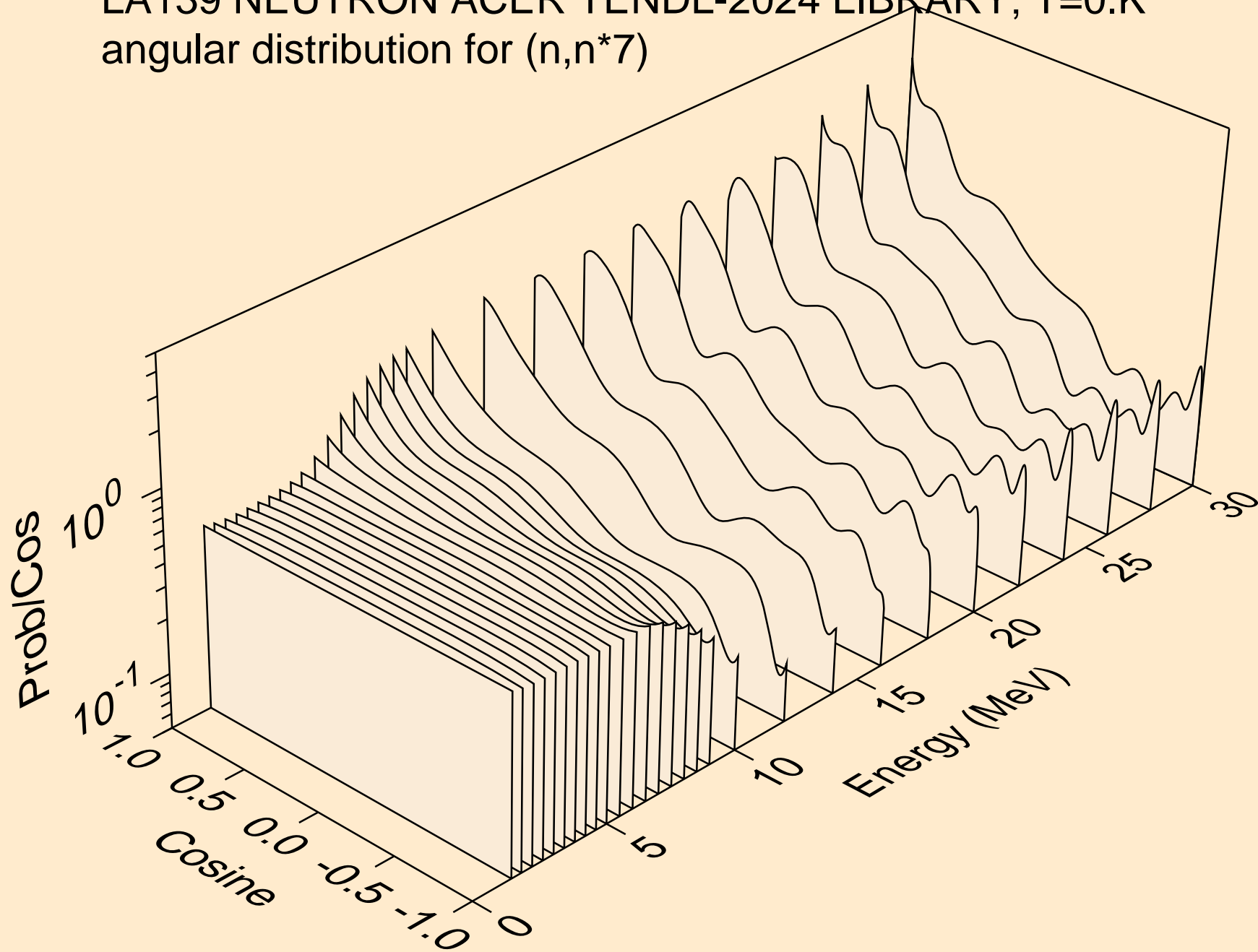
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*5)



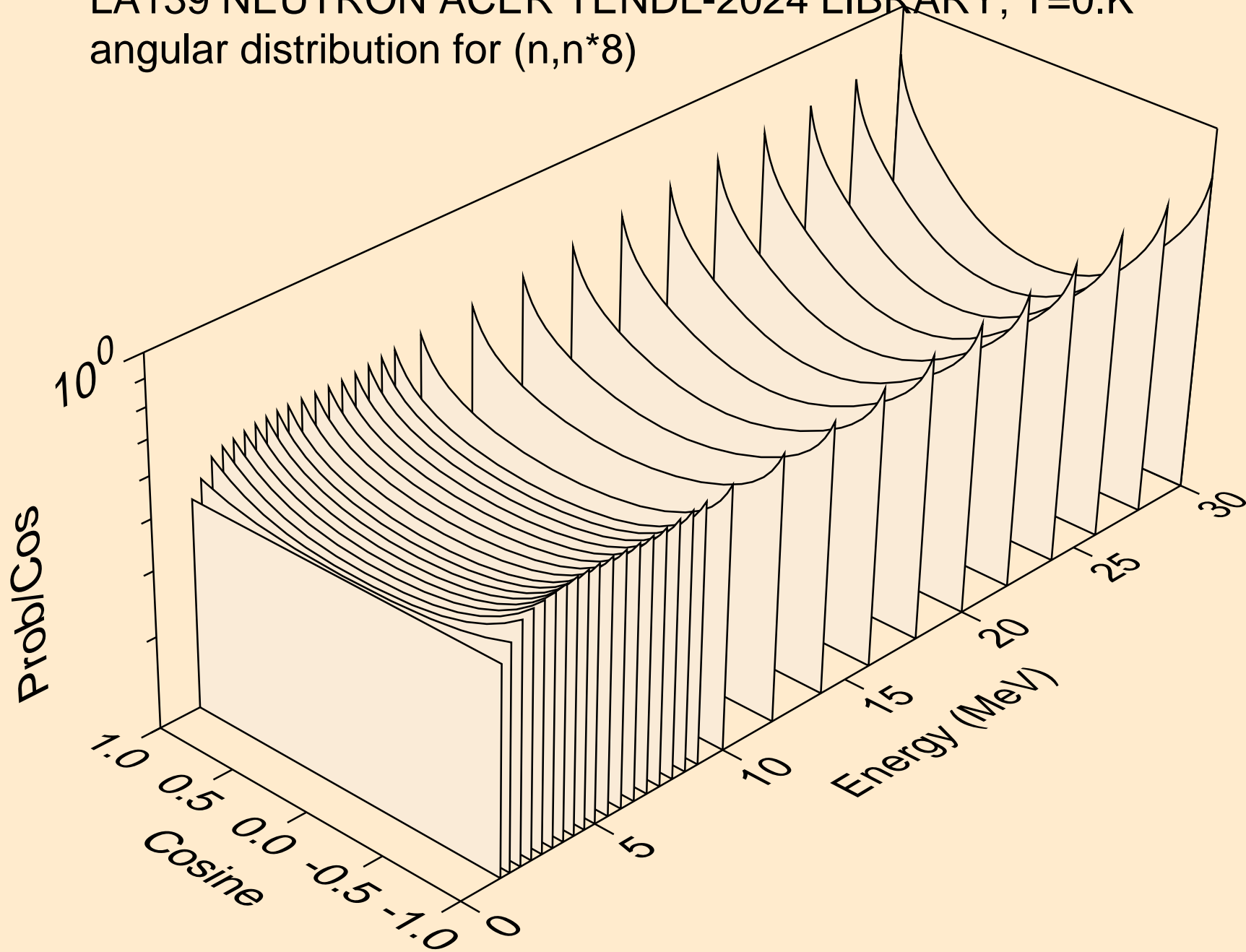
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*6)



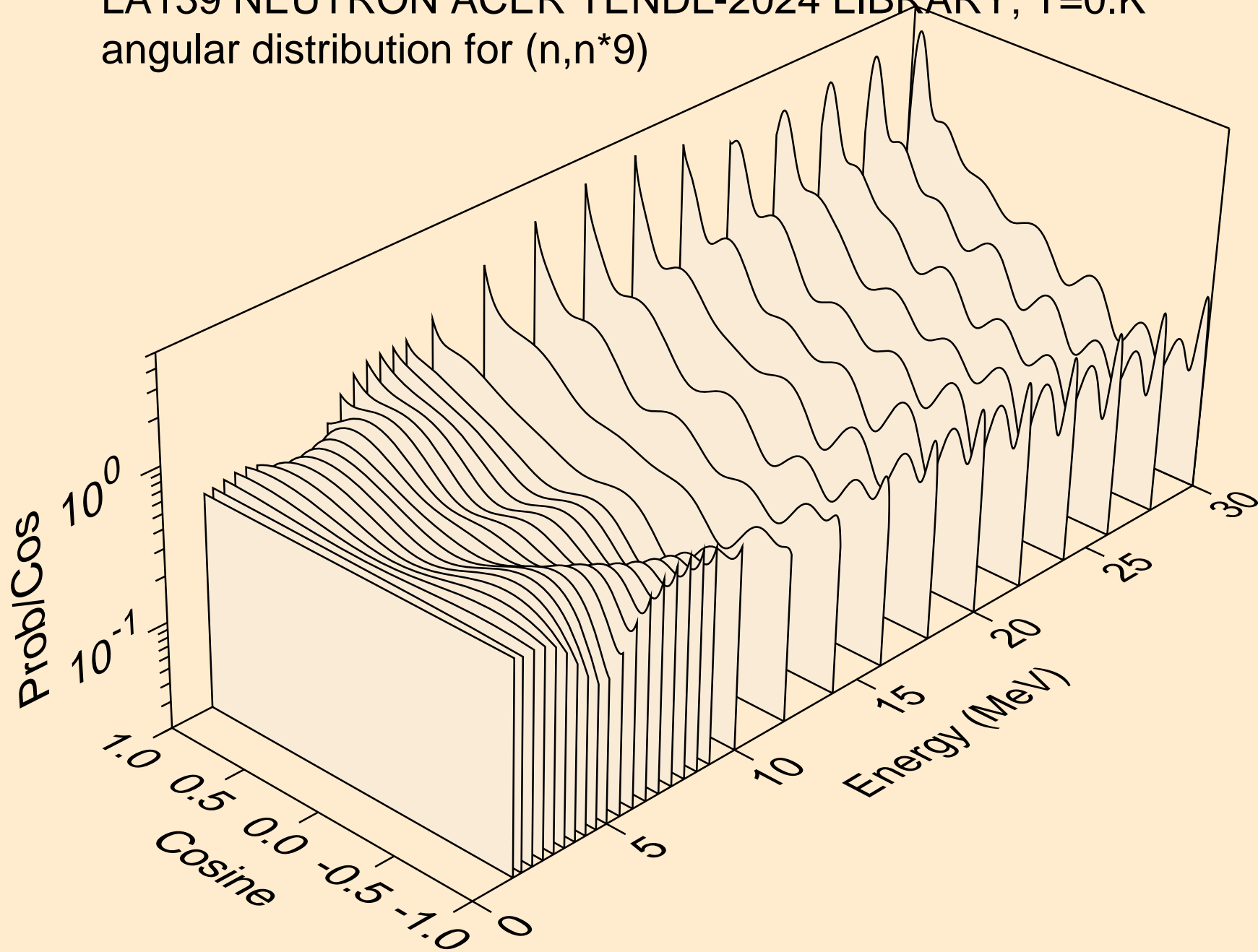
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*7)



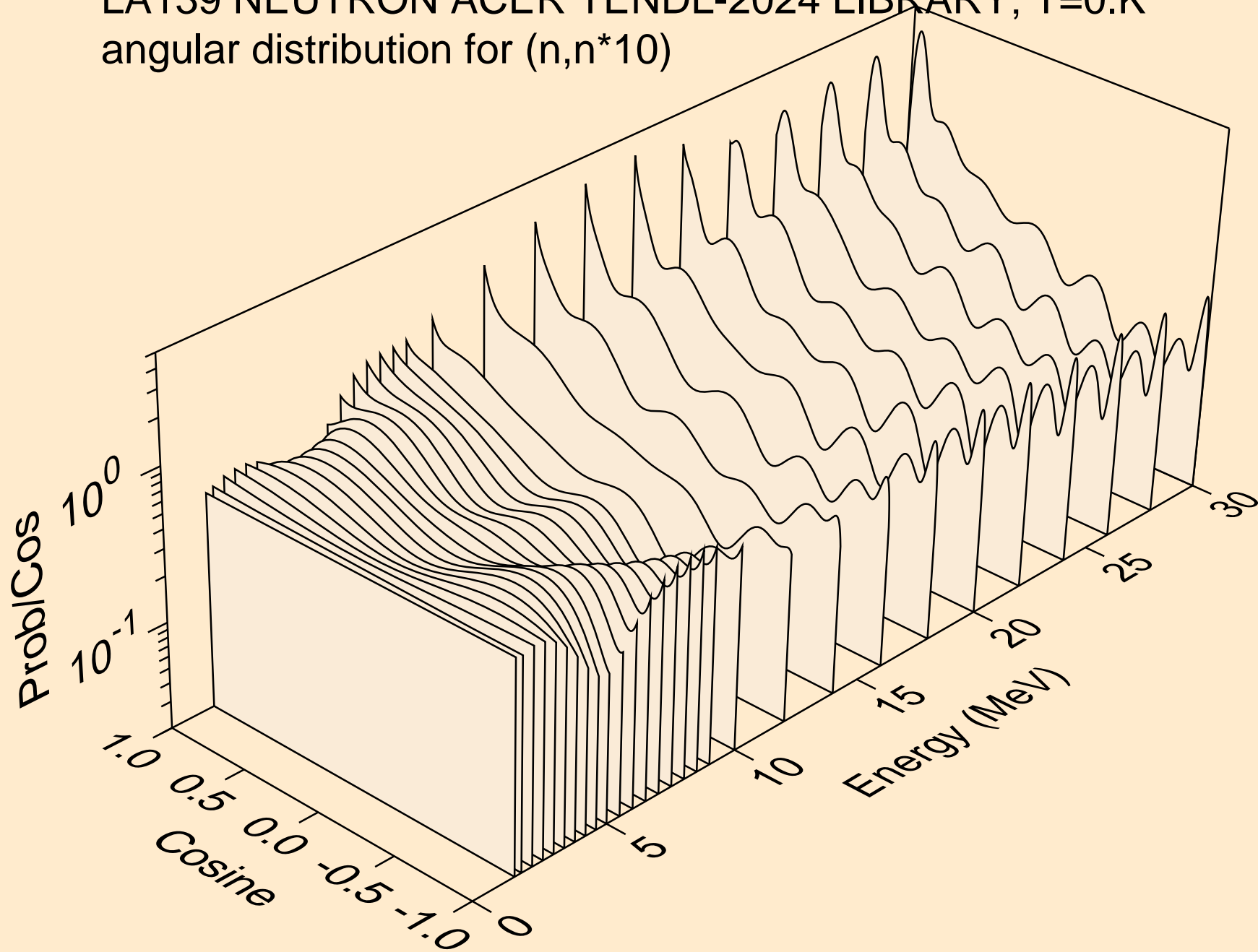
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*8)



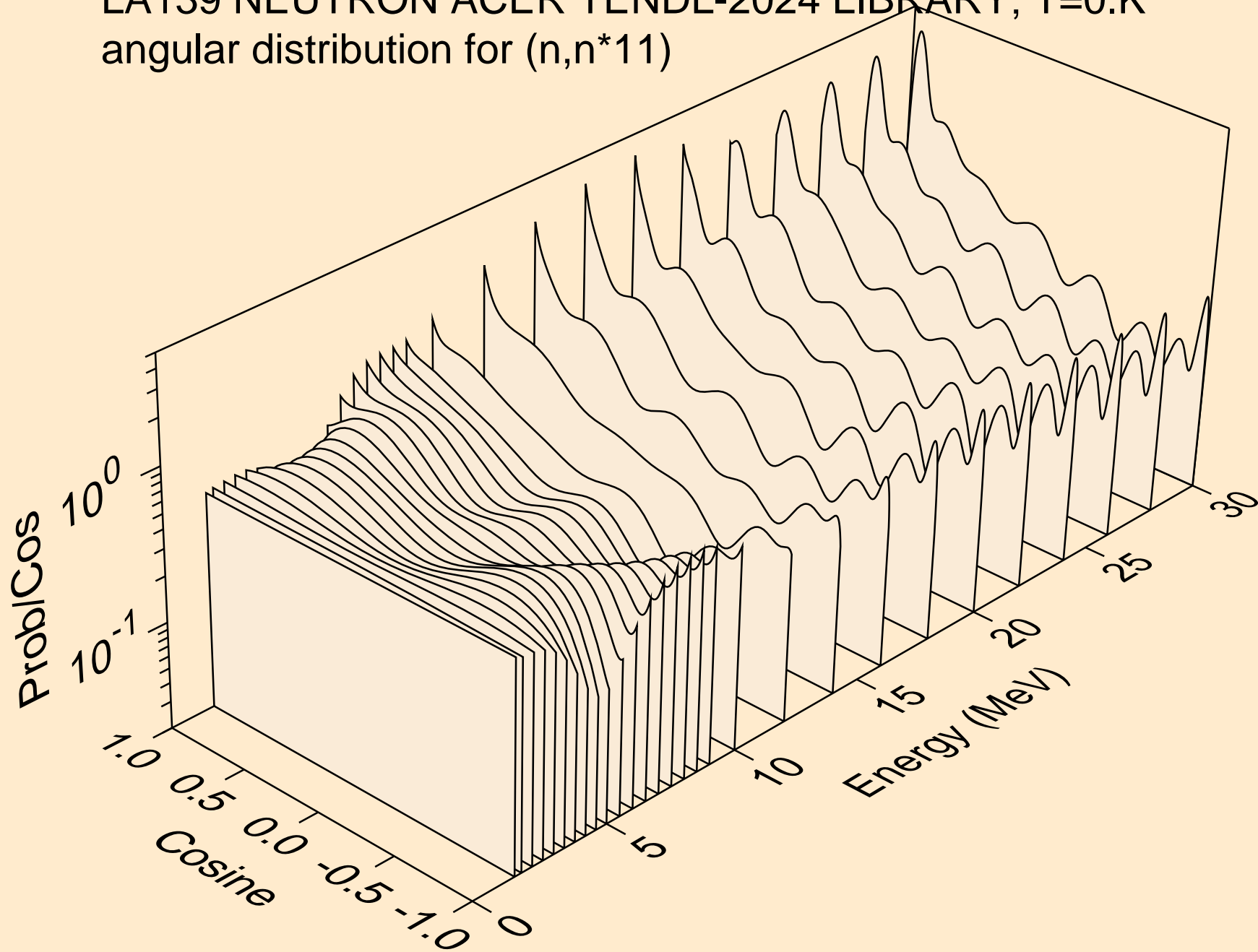
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*9)



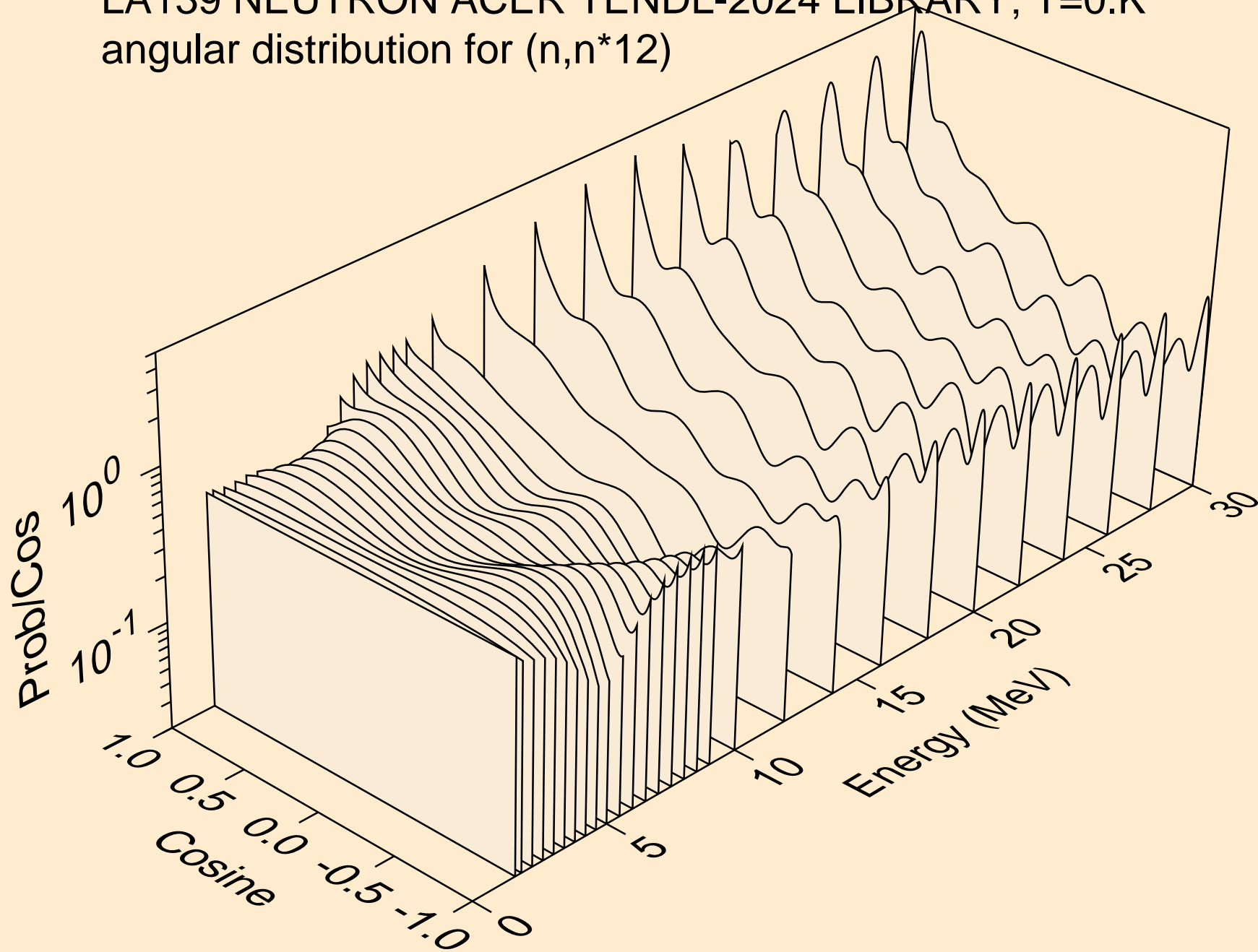
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*10)



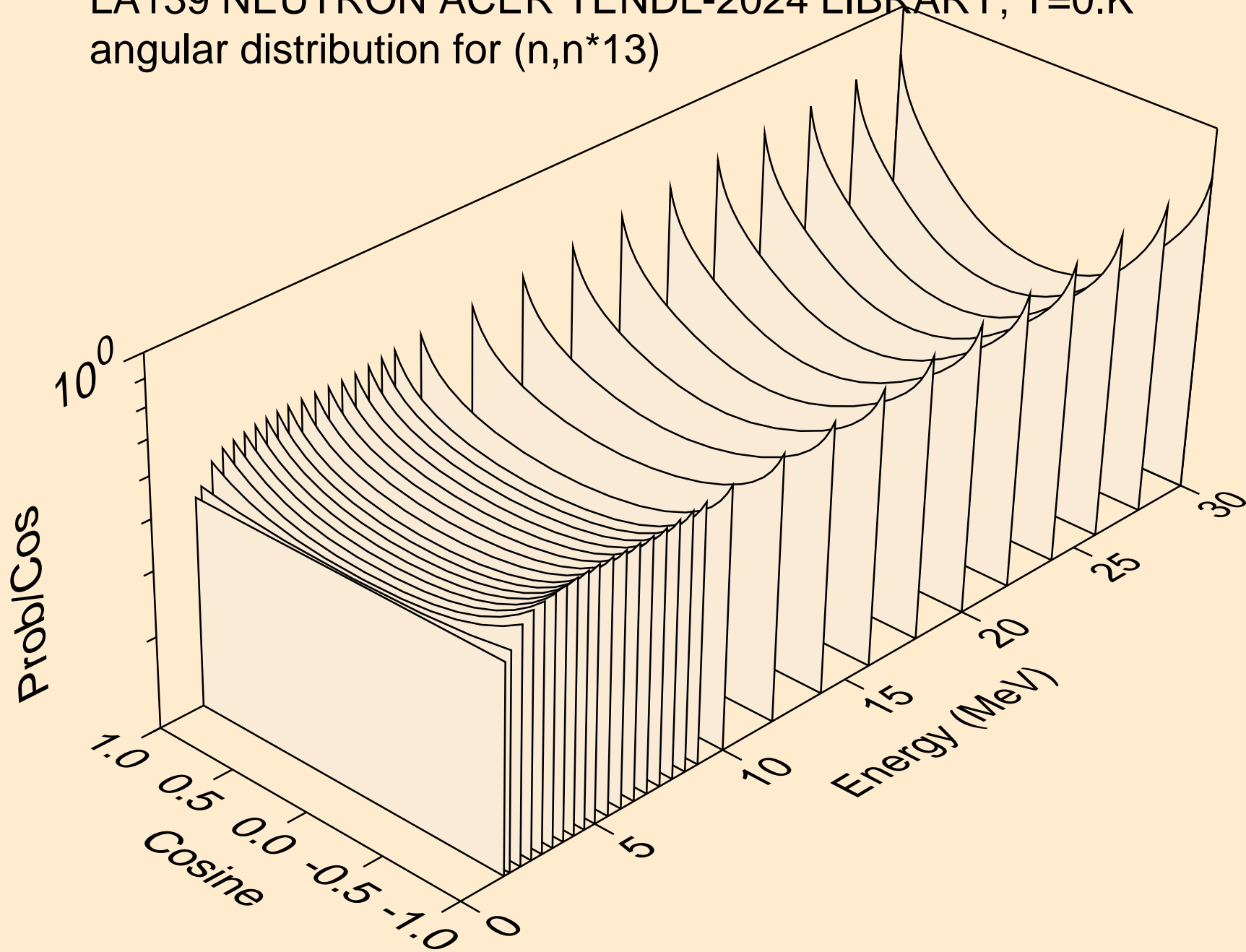
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*11)



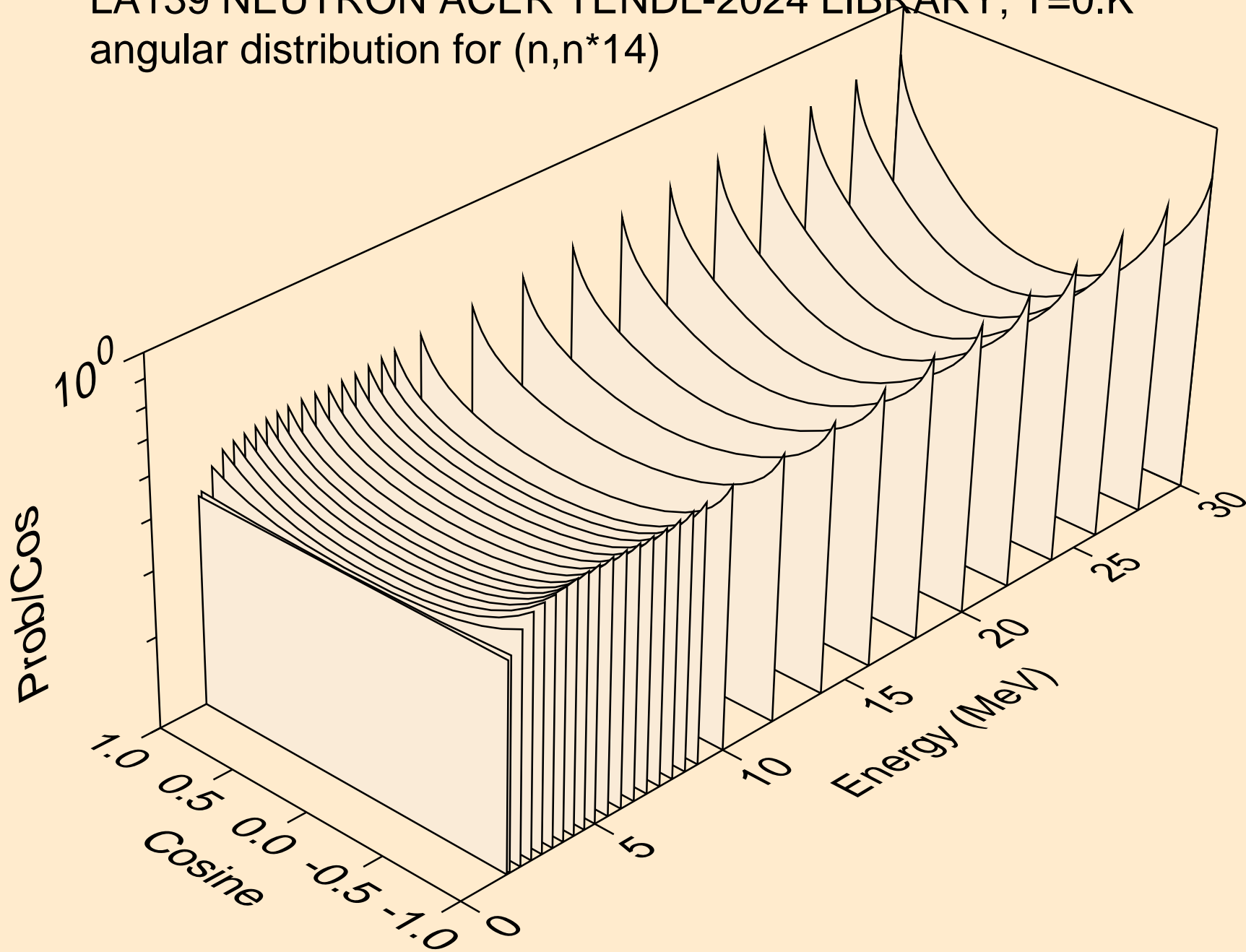
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*12)



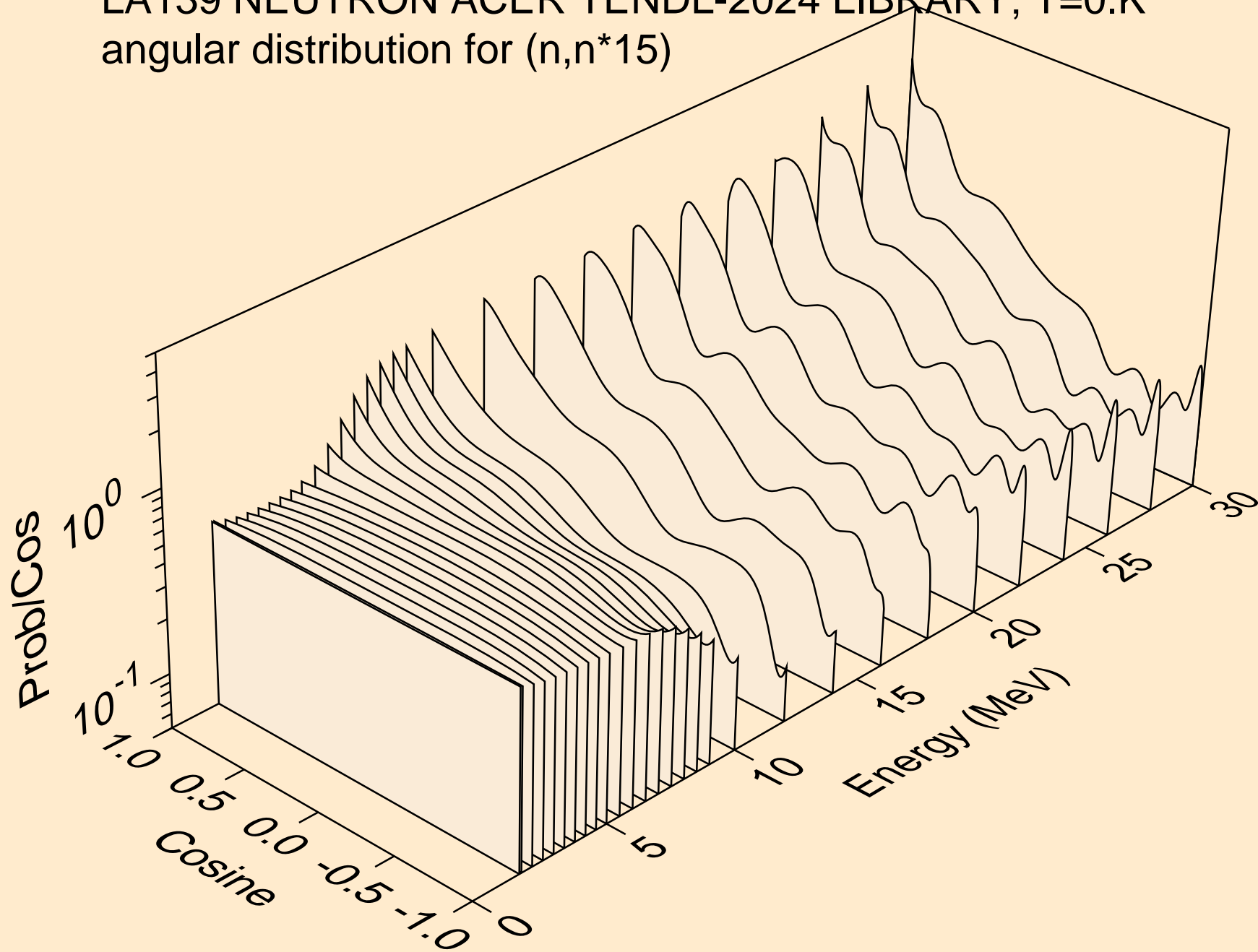
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*13)



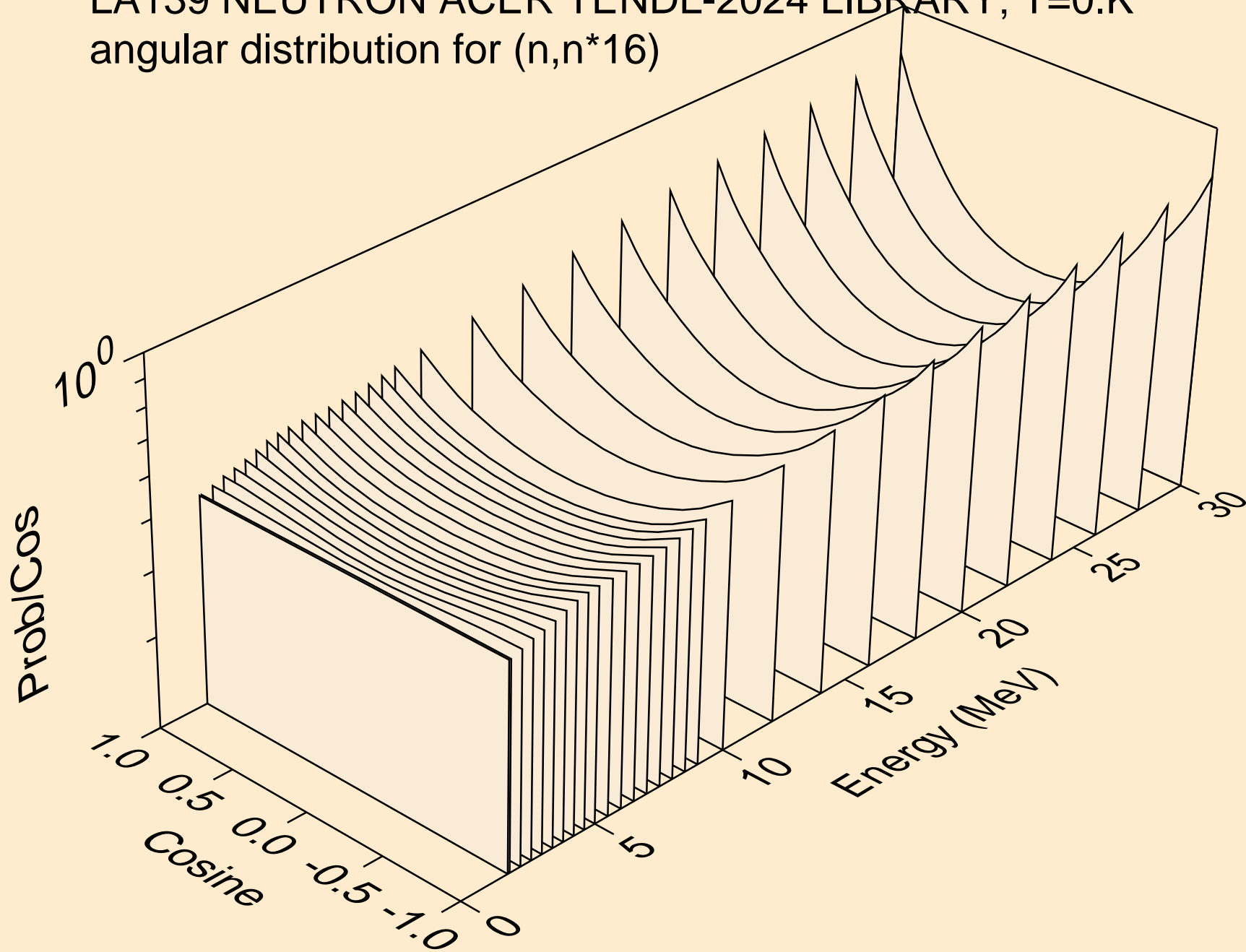
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*14)



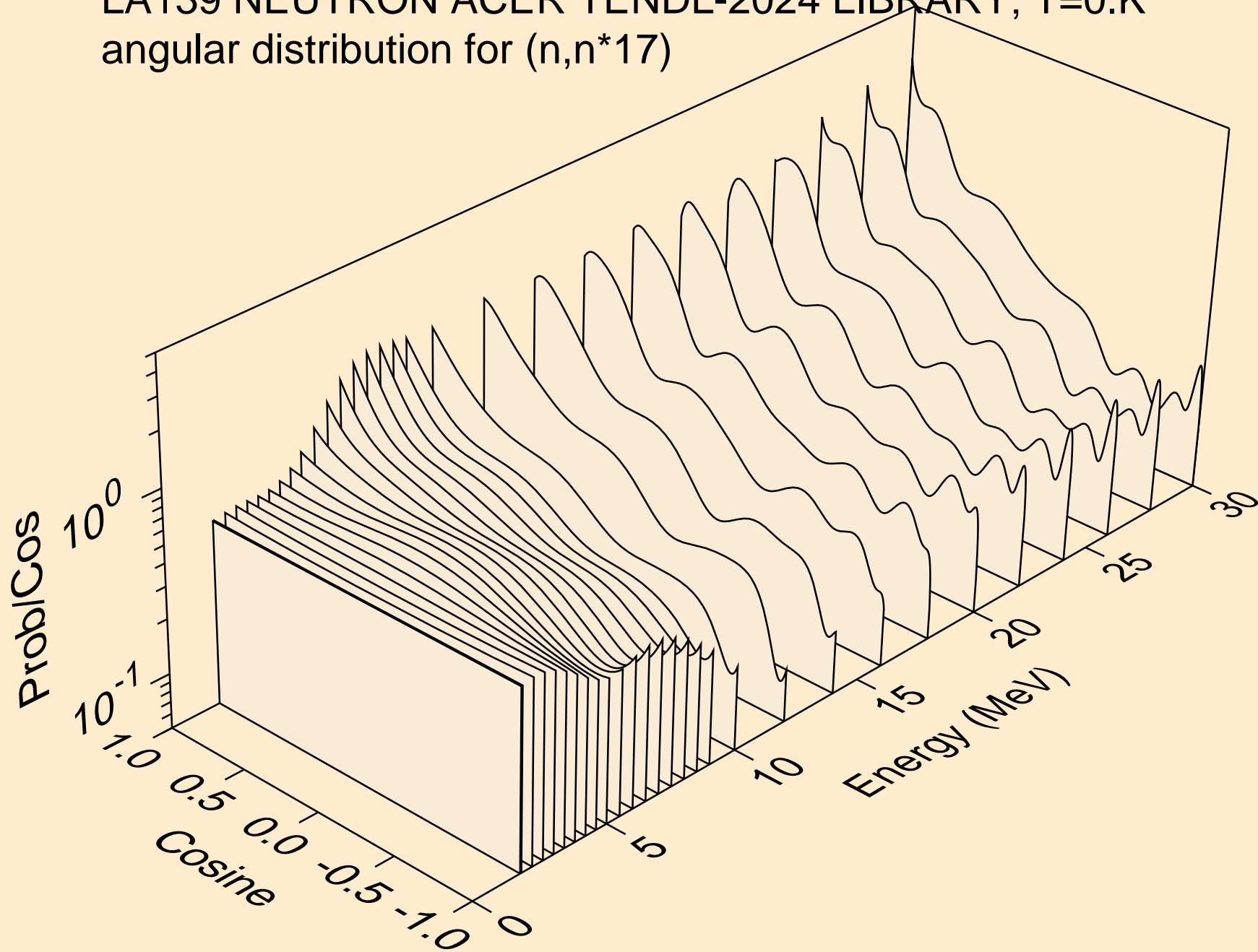
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*15)



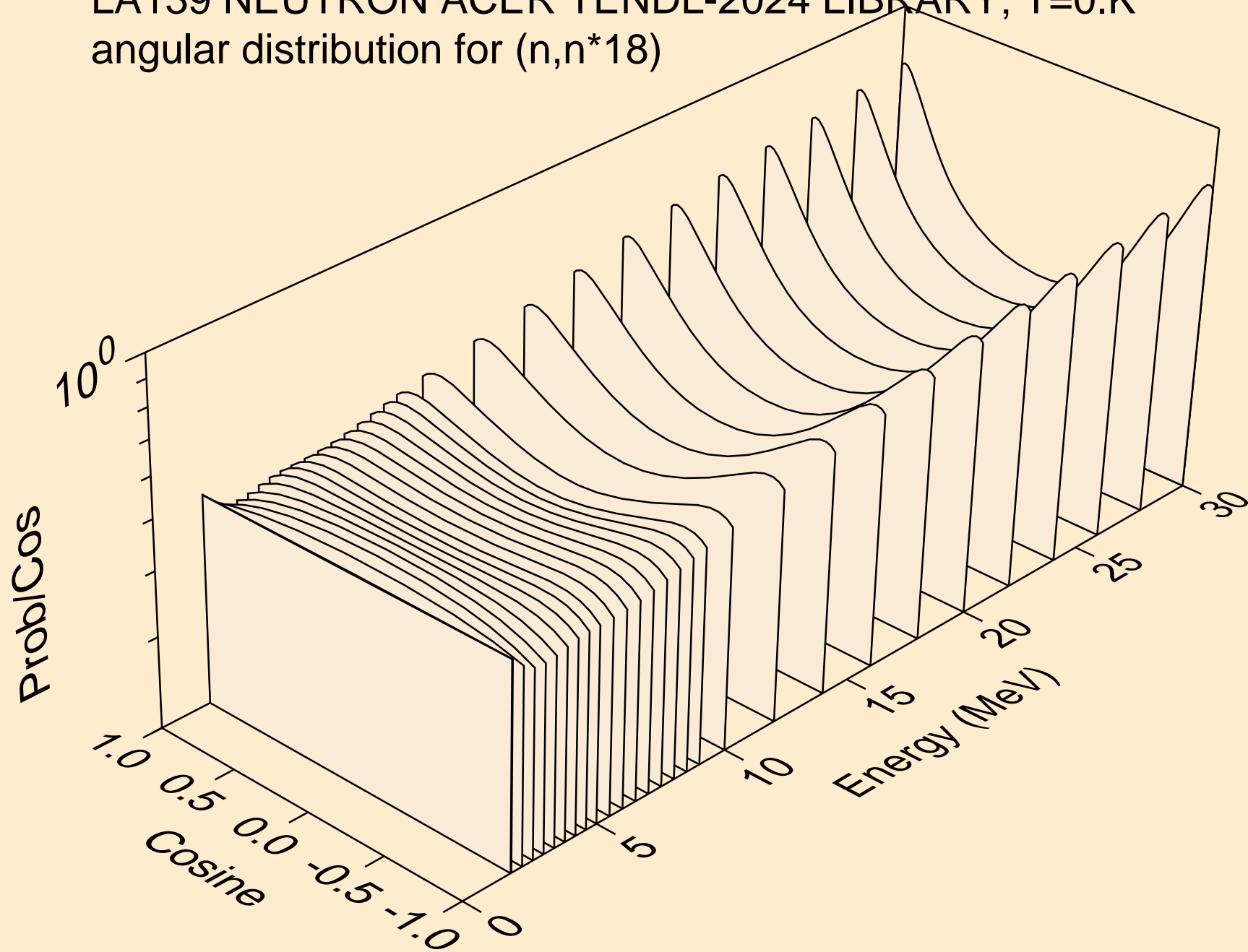
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*16)



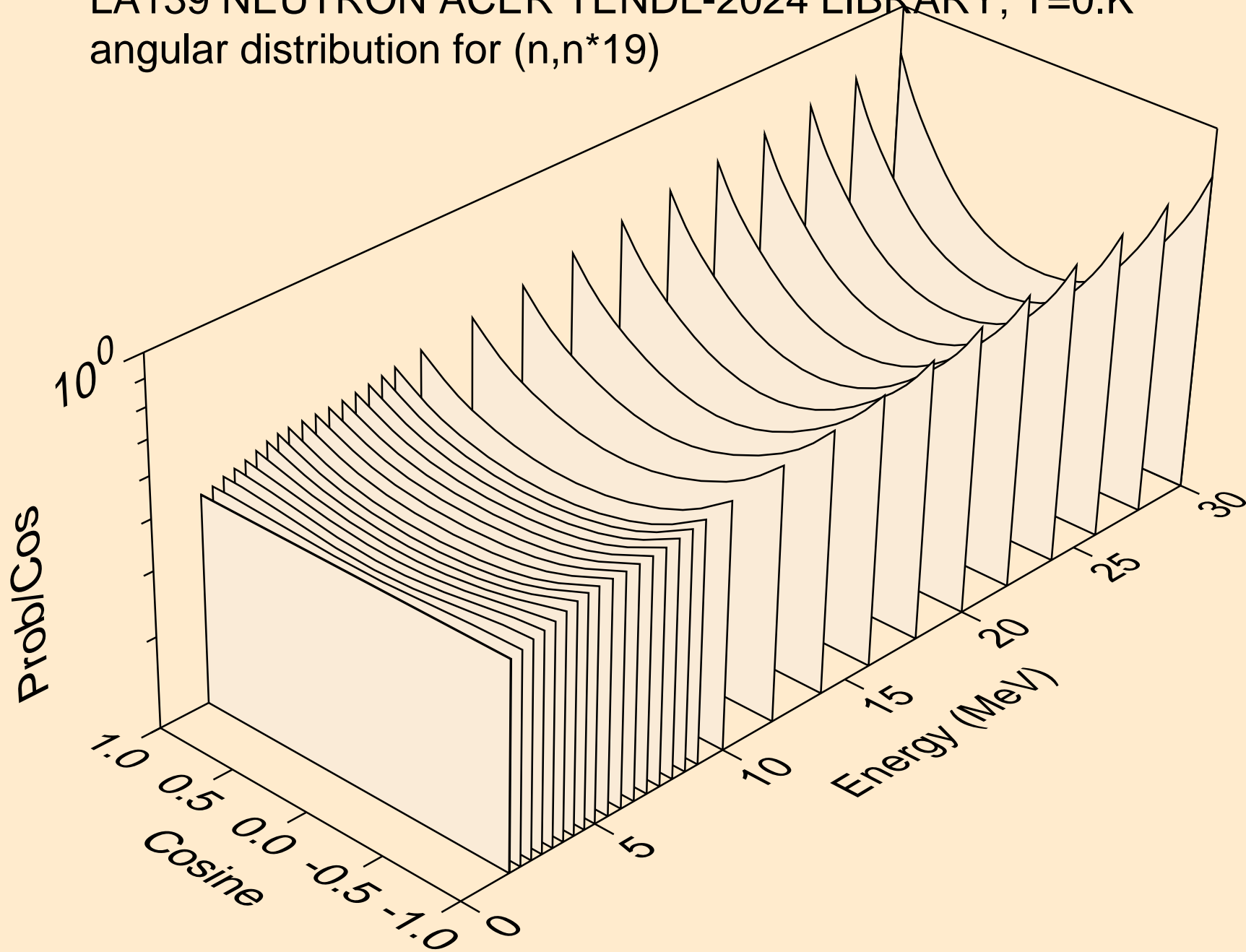
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*17)



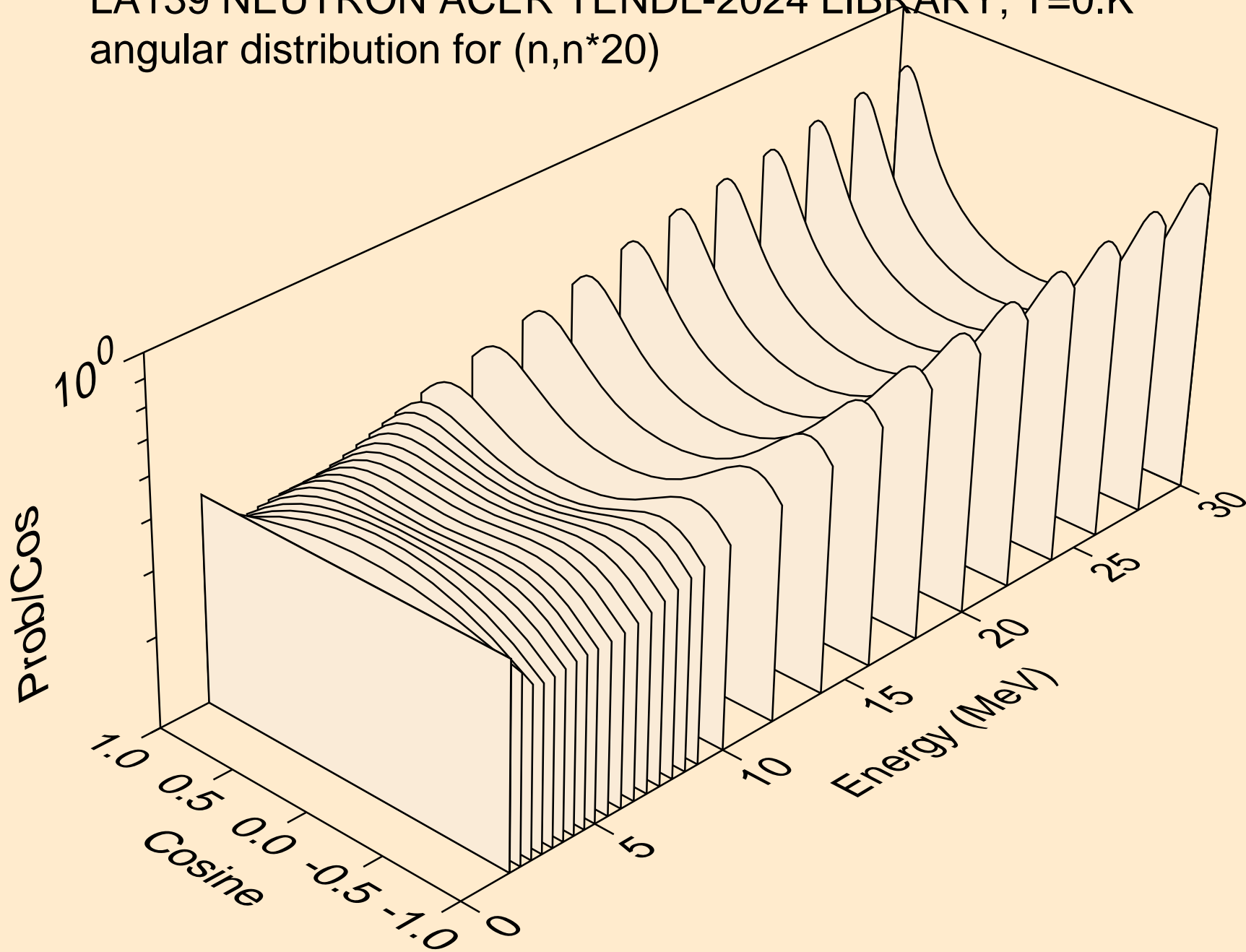
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*18)



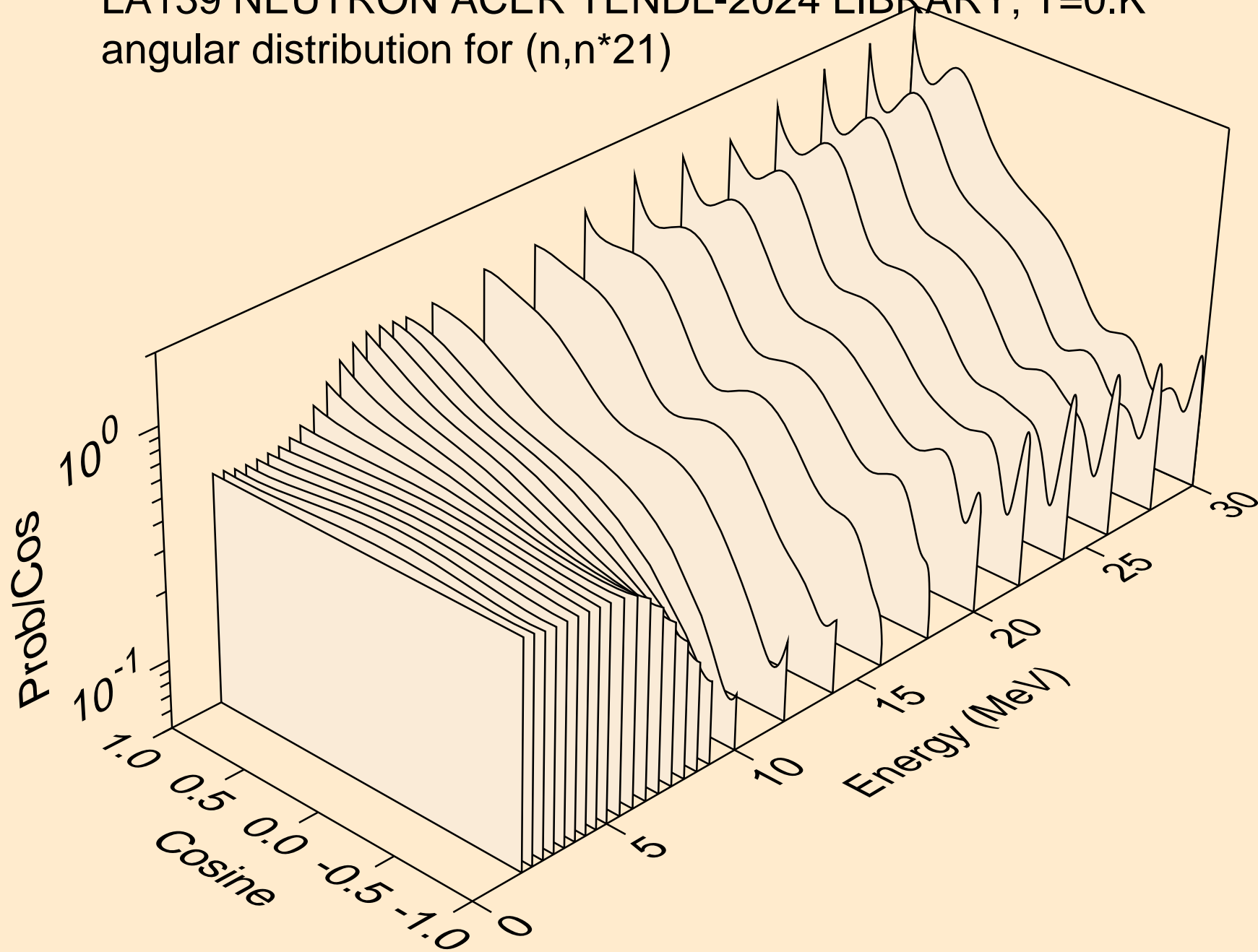
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*19)



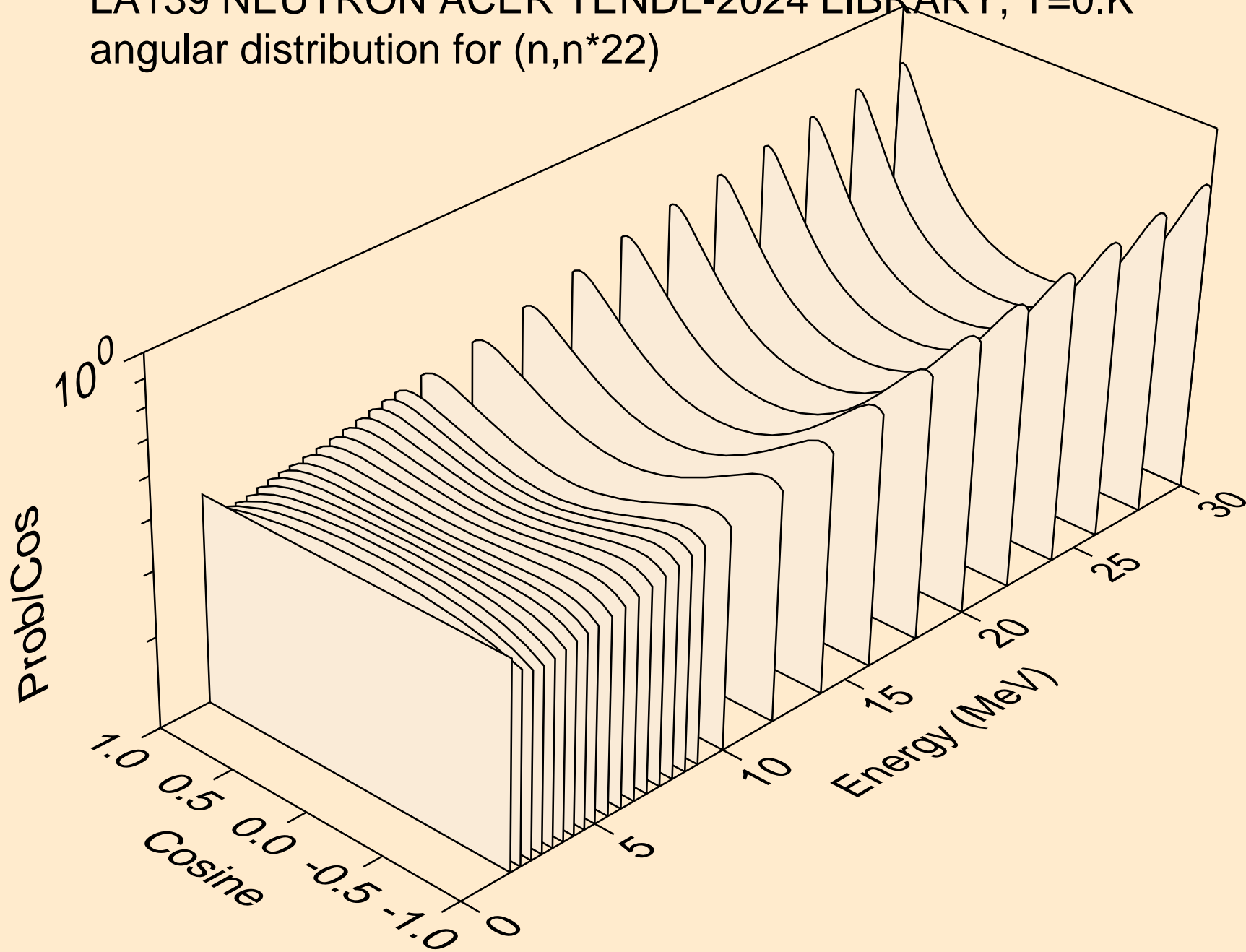
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*20)



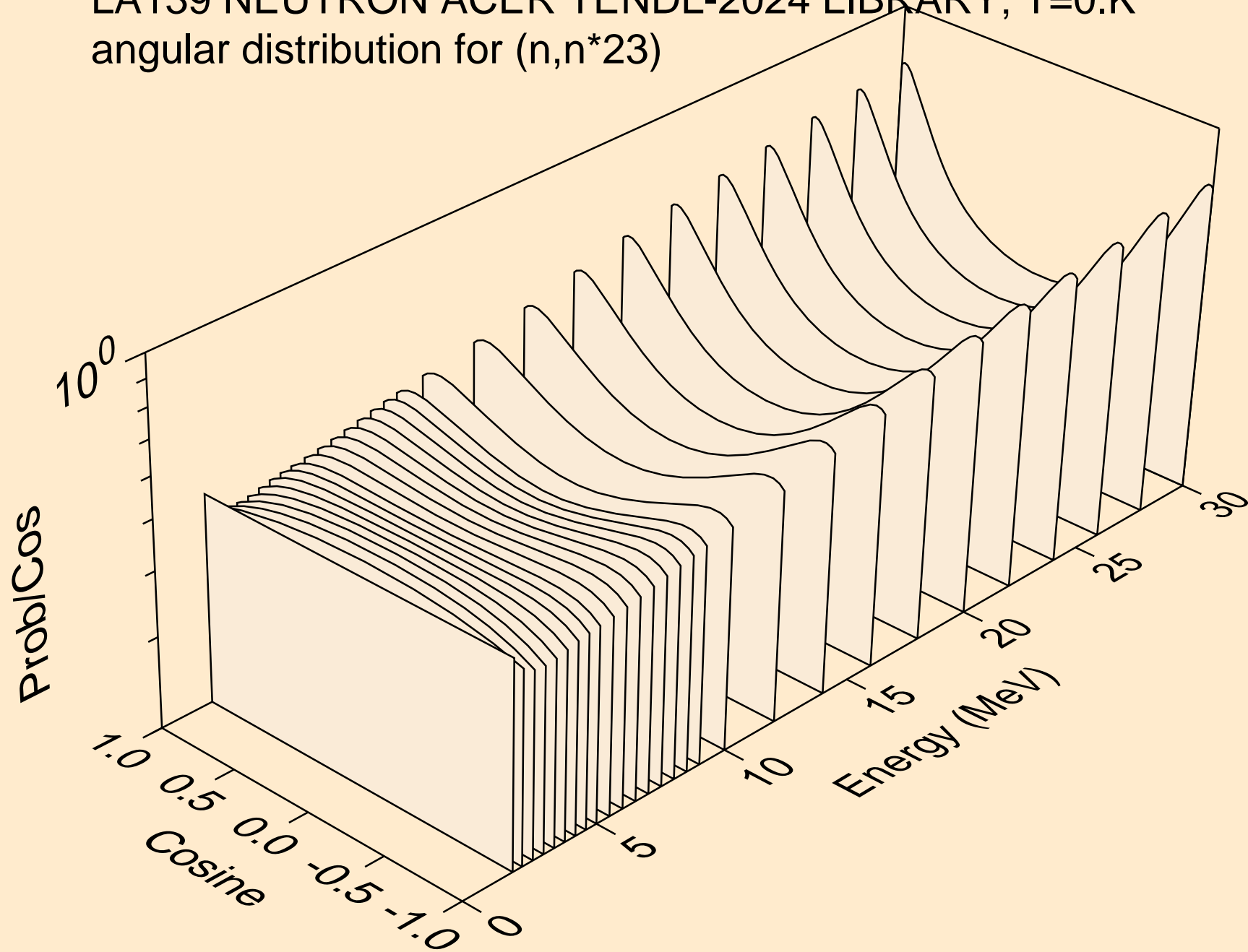
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*21)



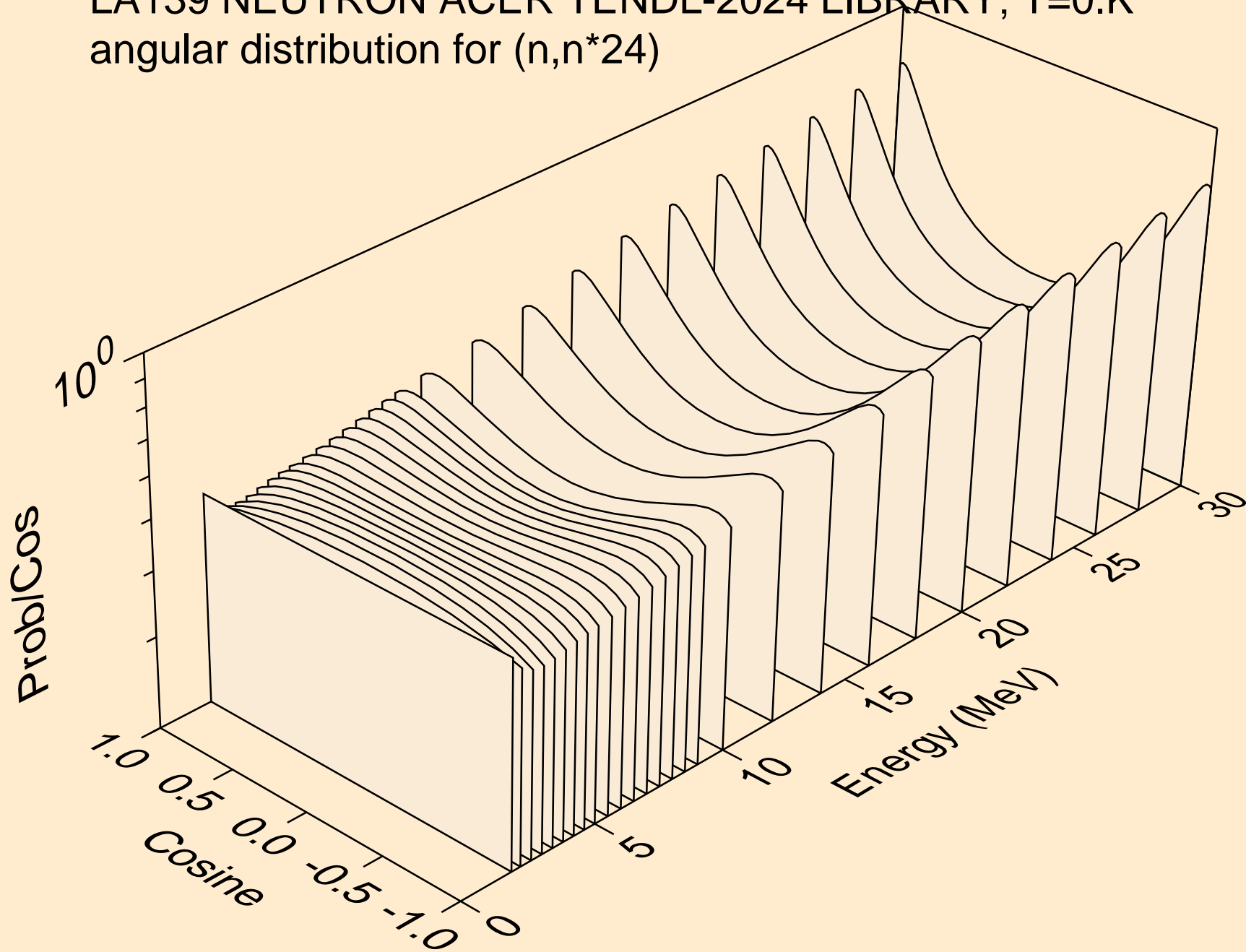
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*22)



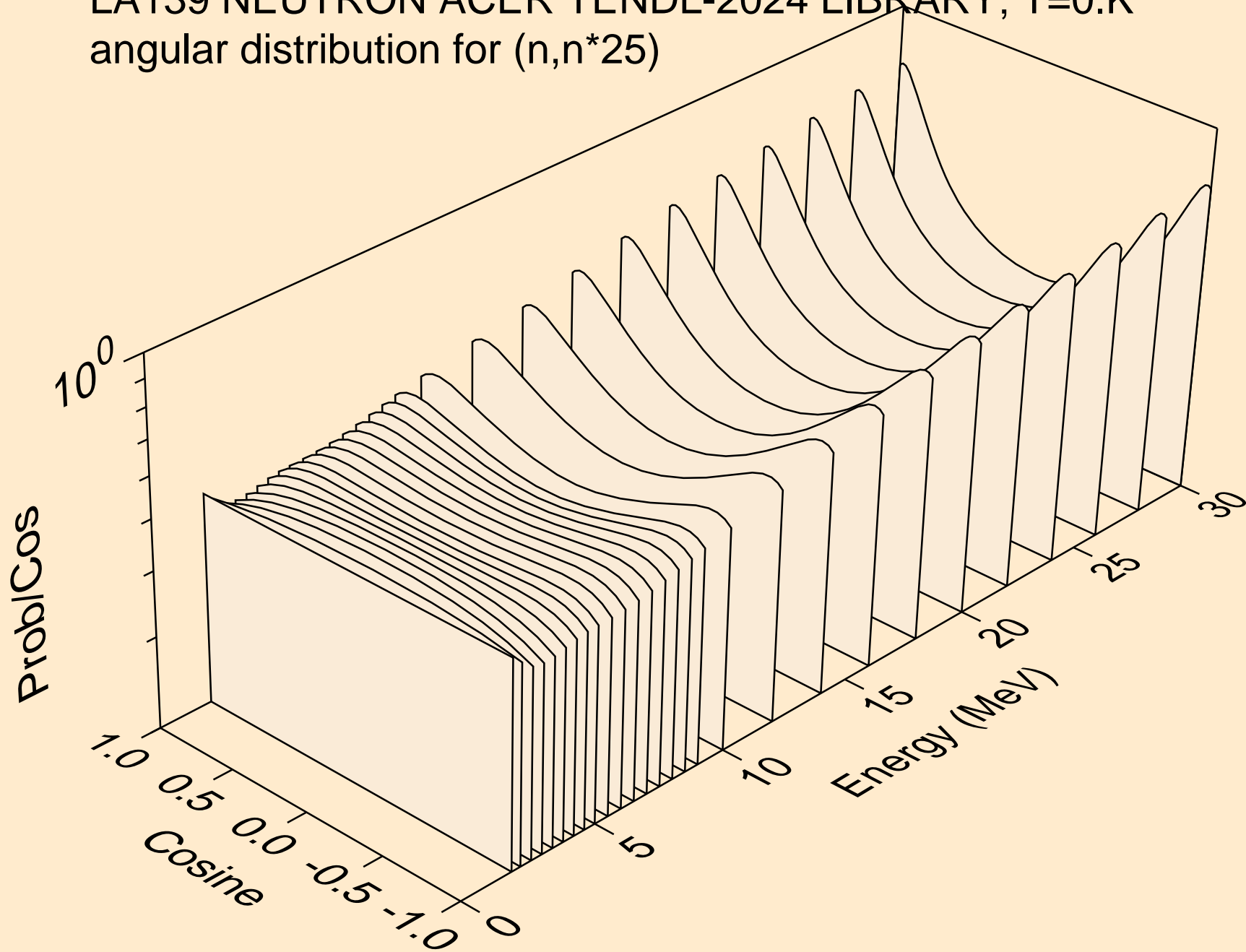
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*23)



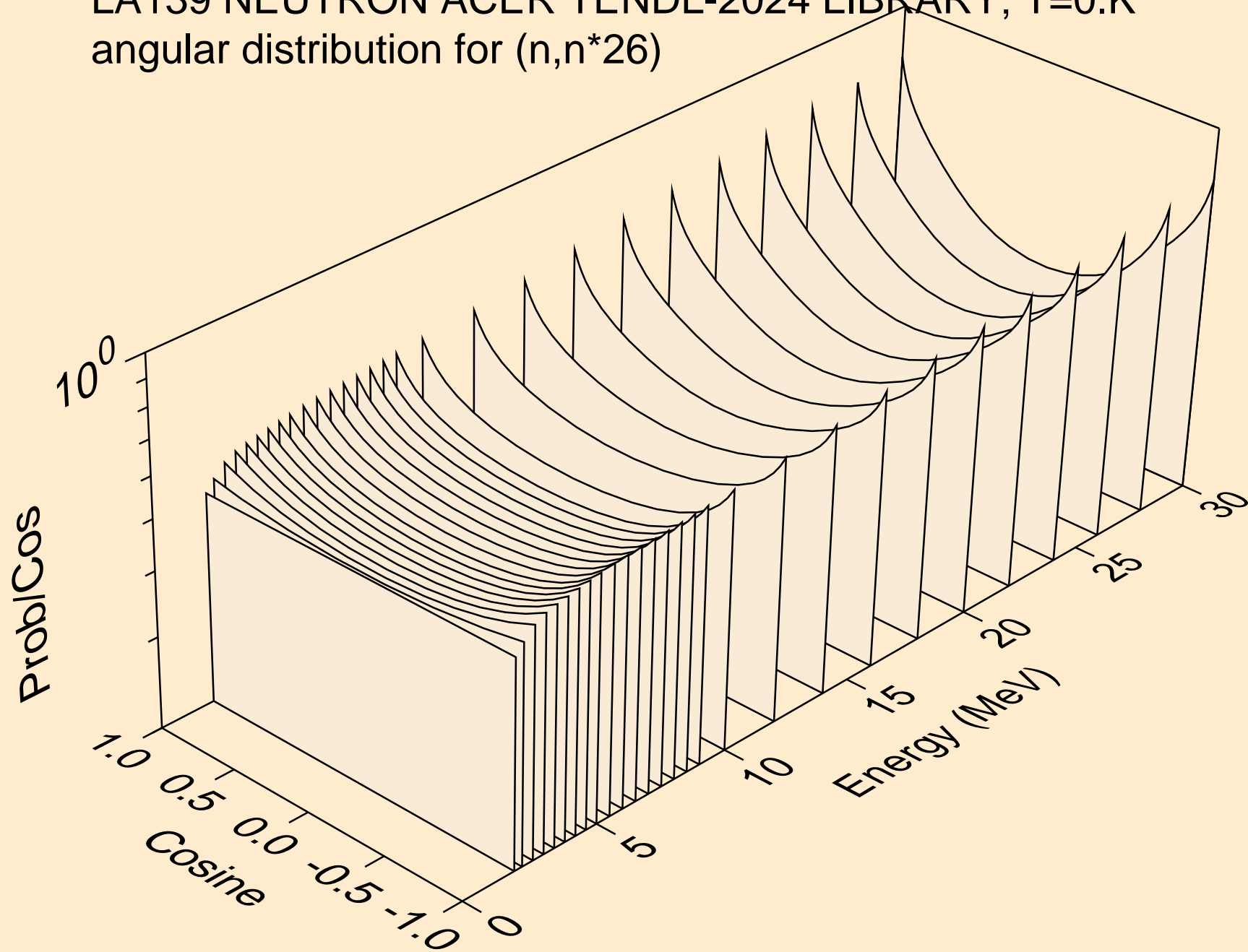
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*24)



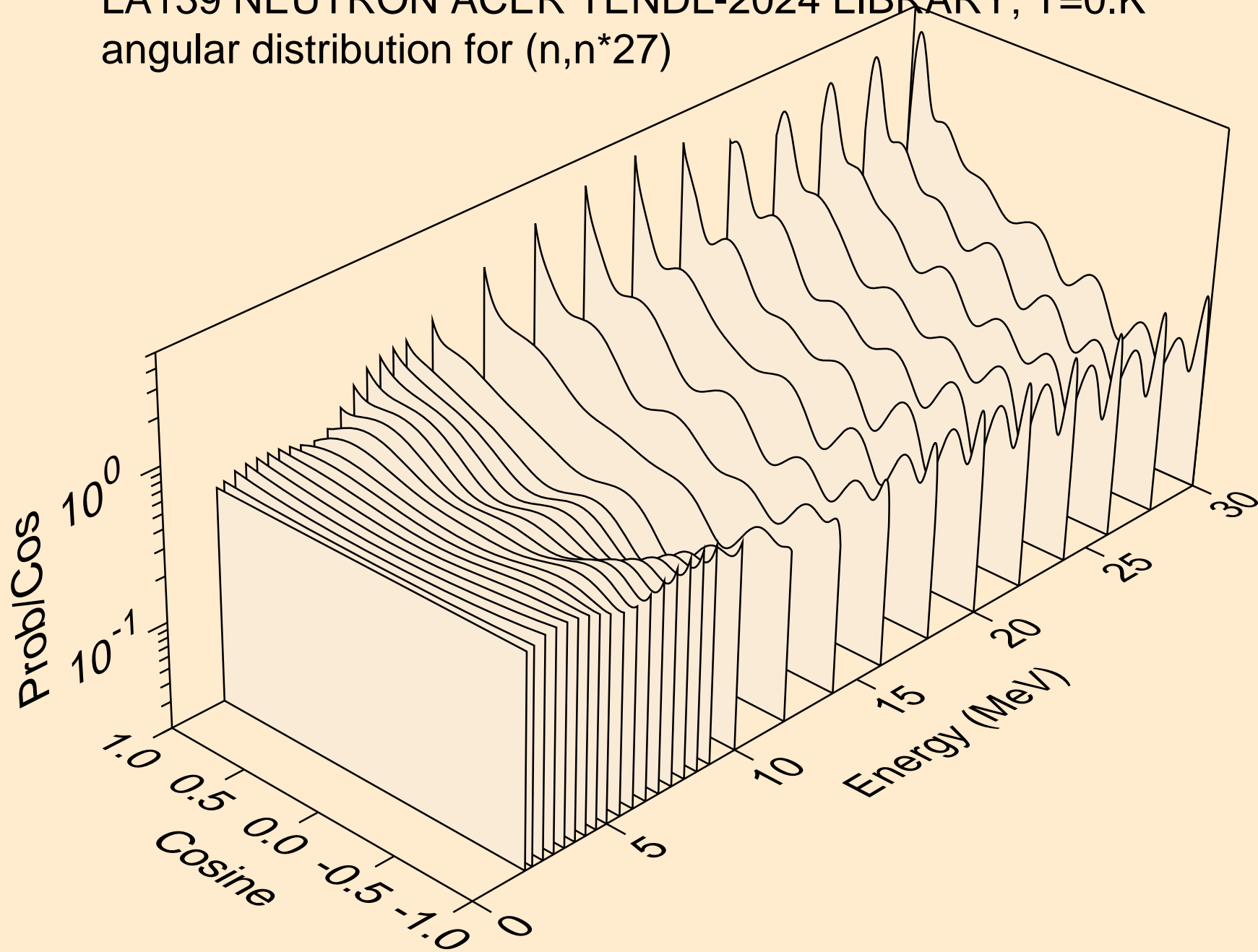
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*25)



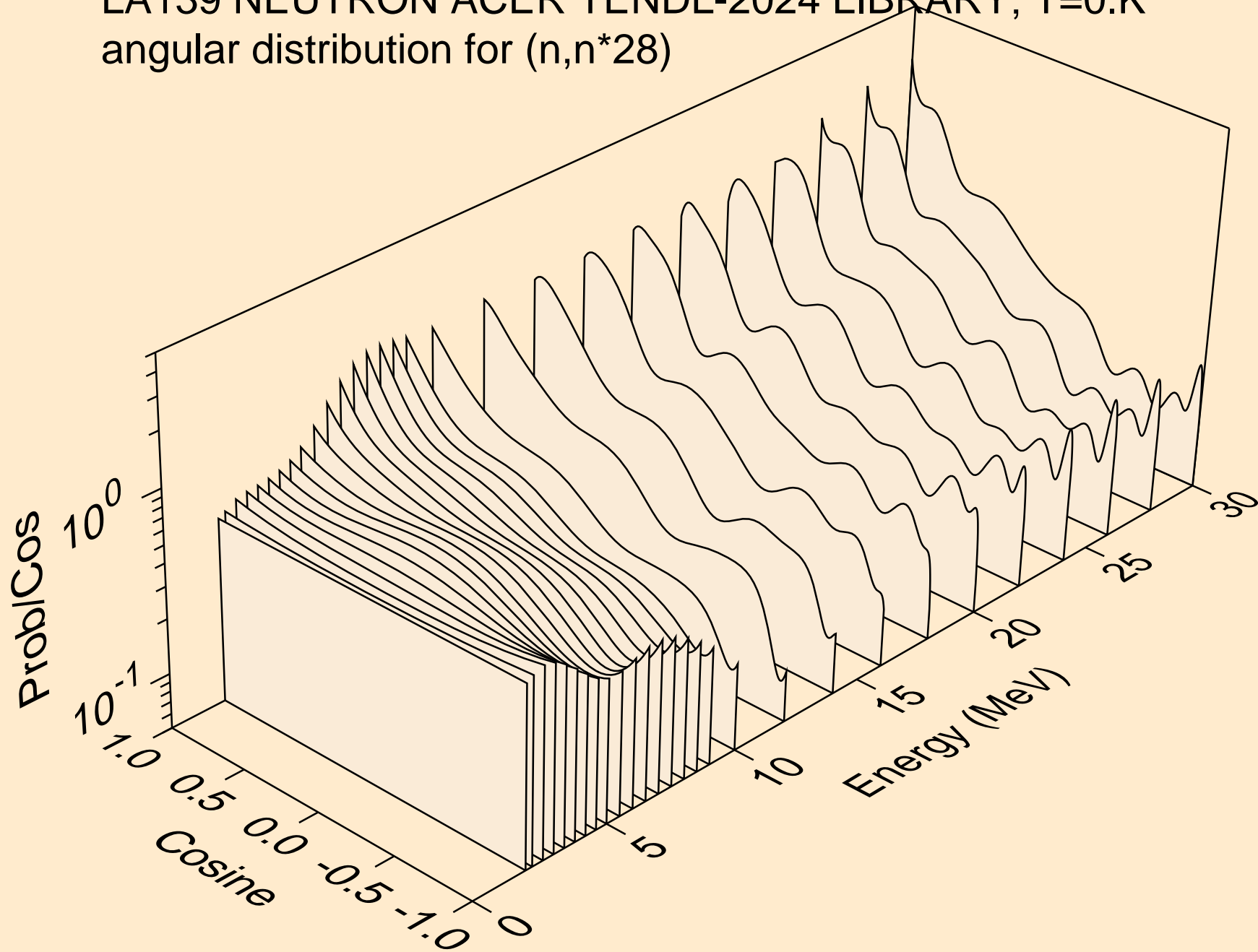
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*26)



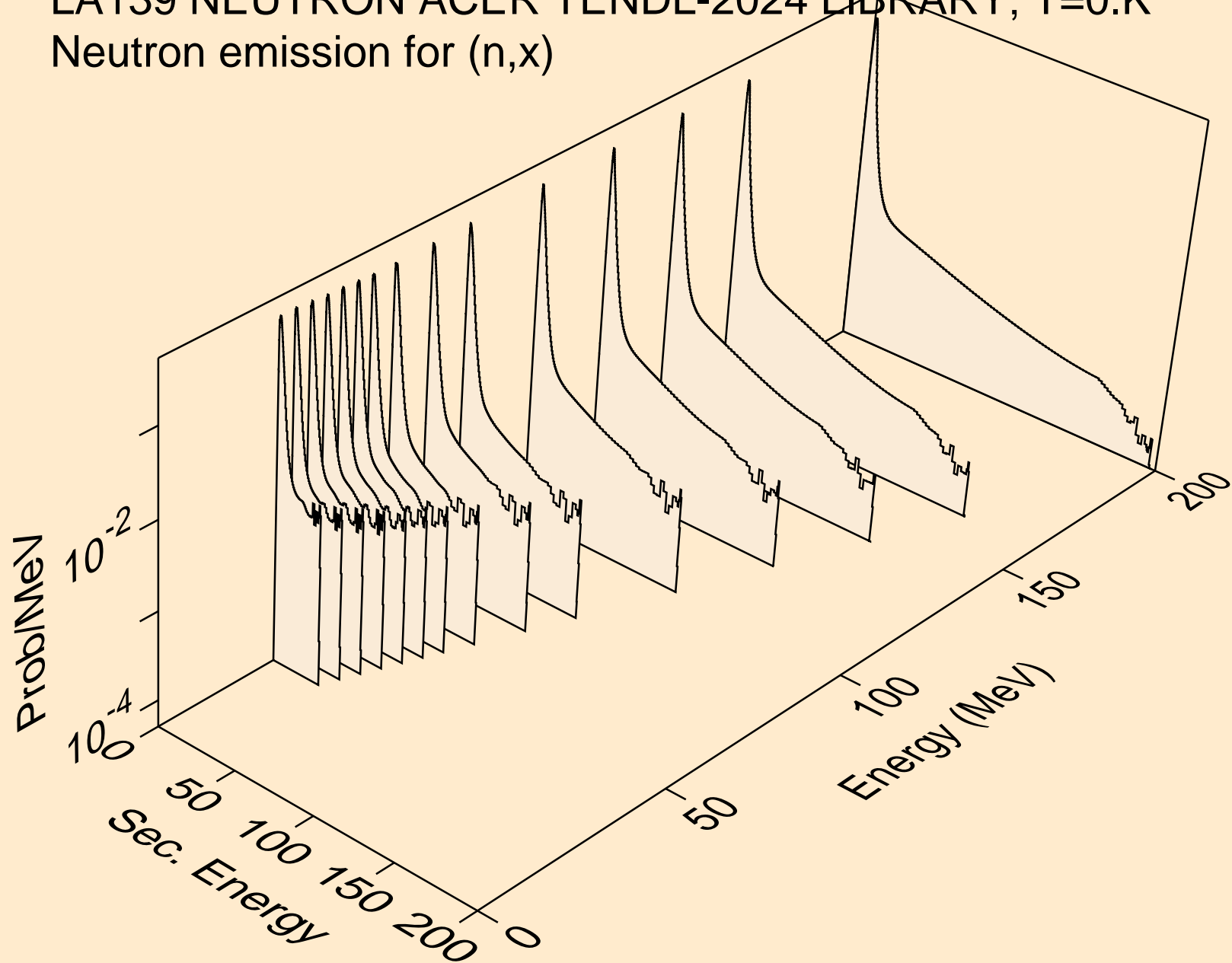
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*27)



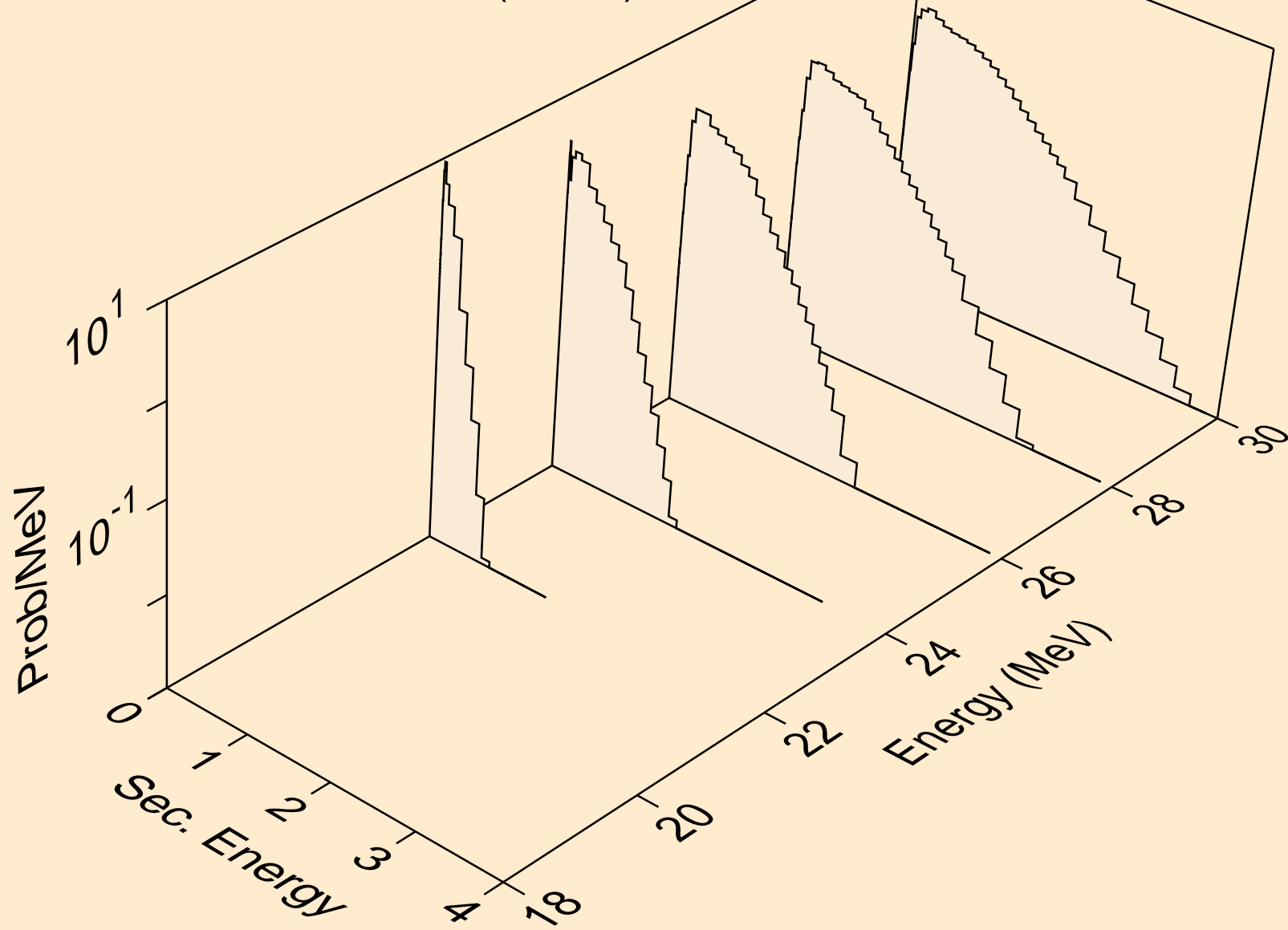
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for (n,n*28)



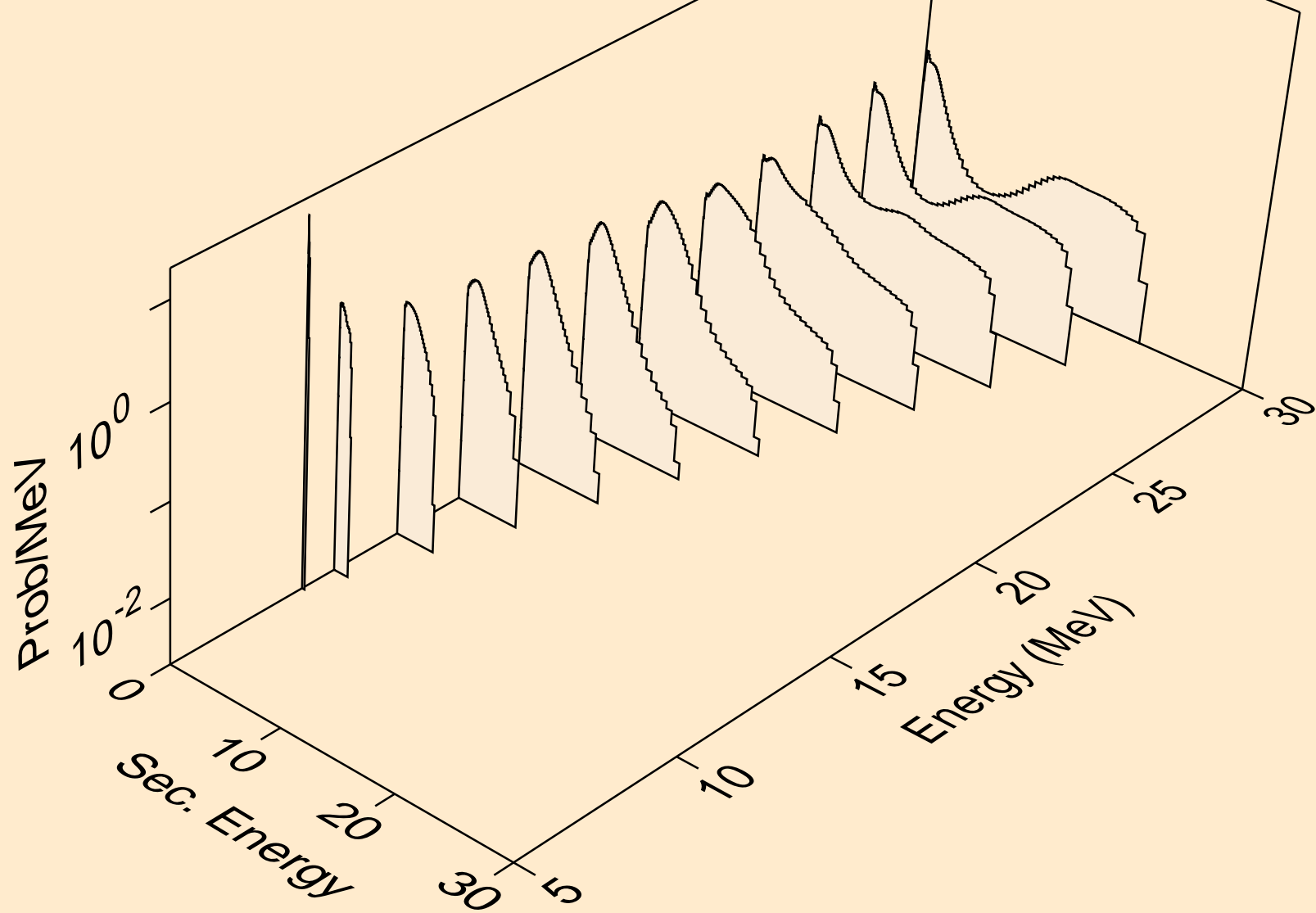
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,x)



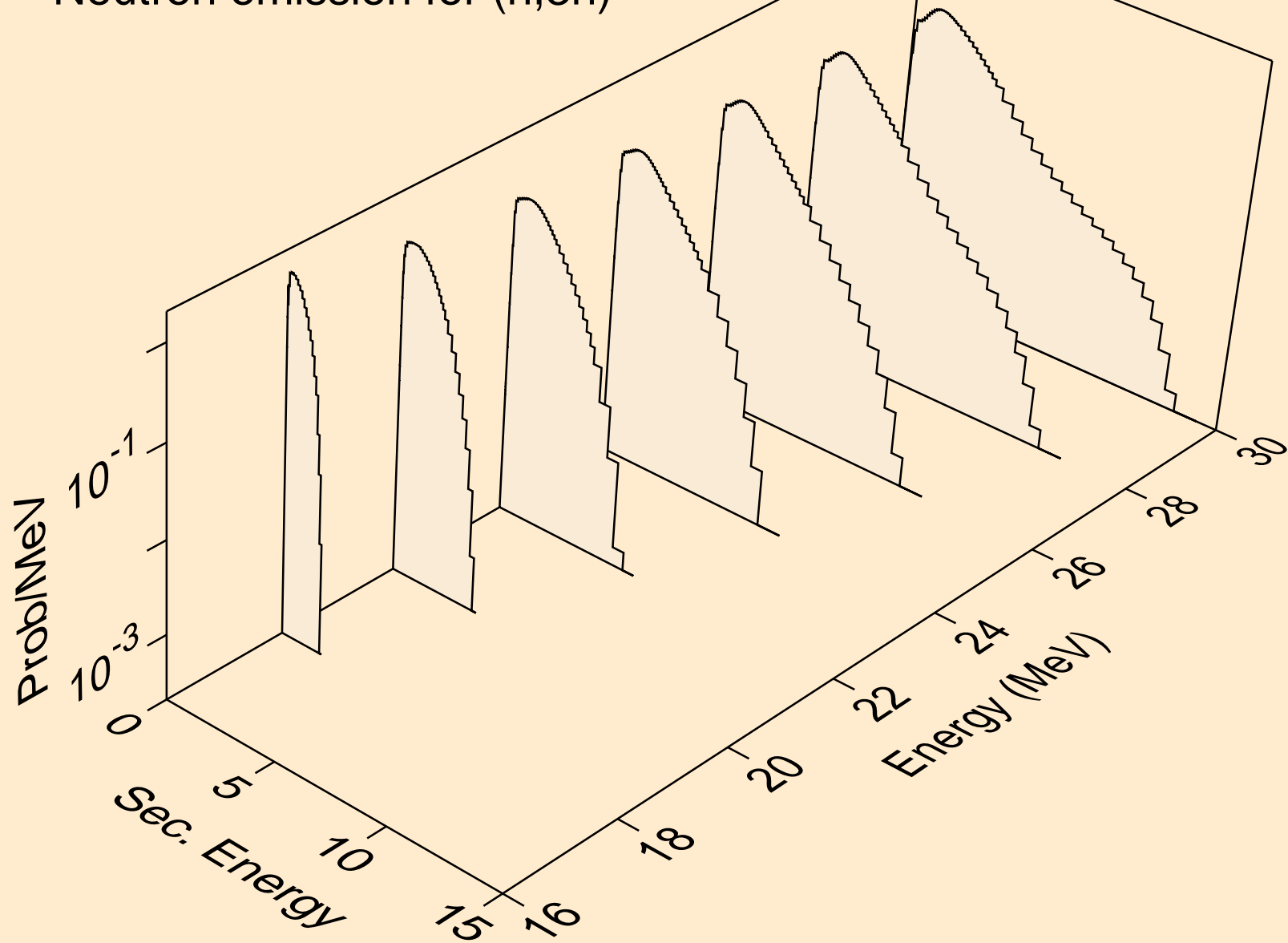
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2nd)



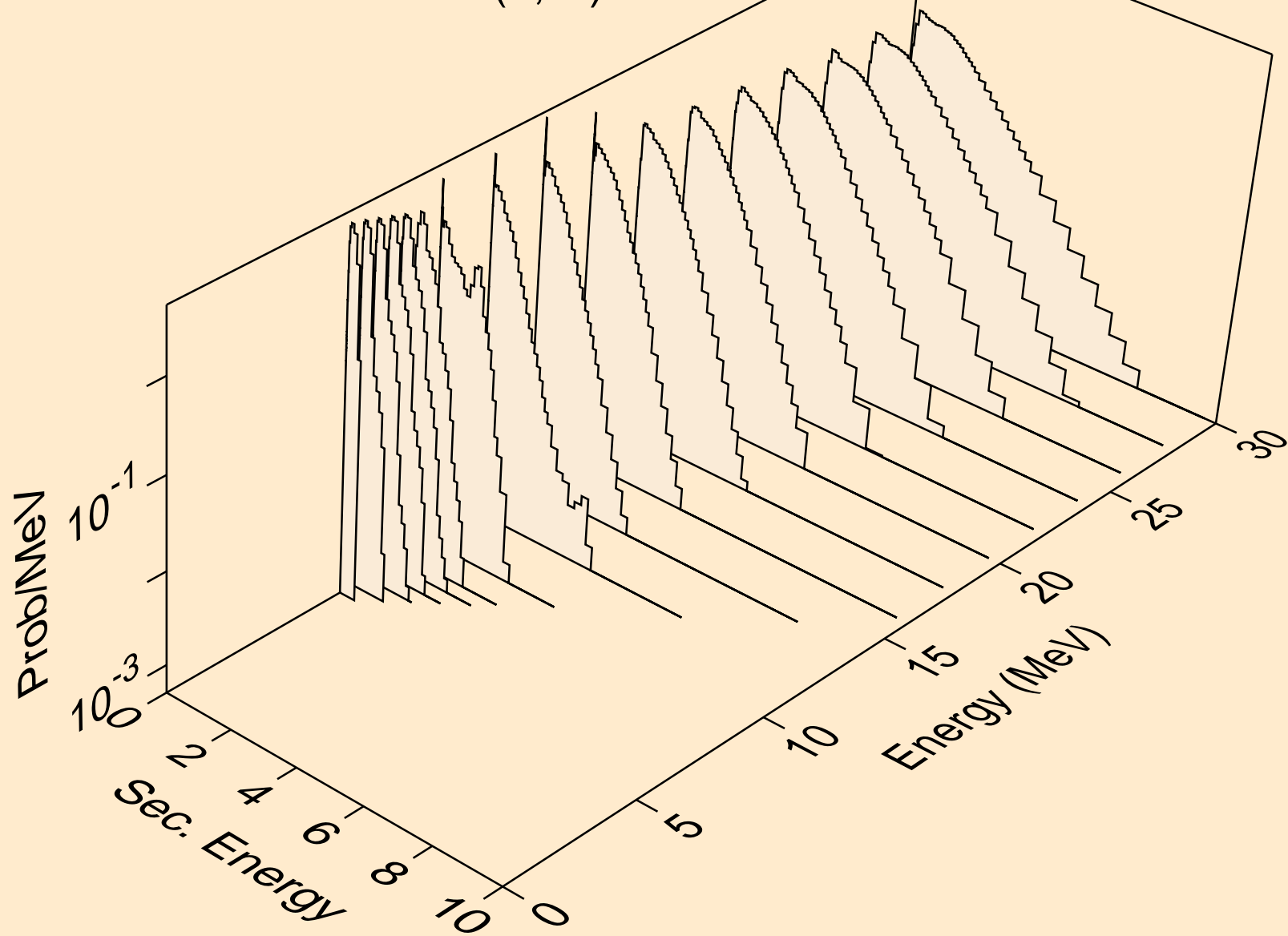
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)



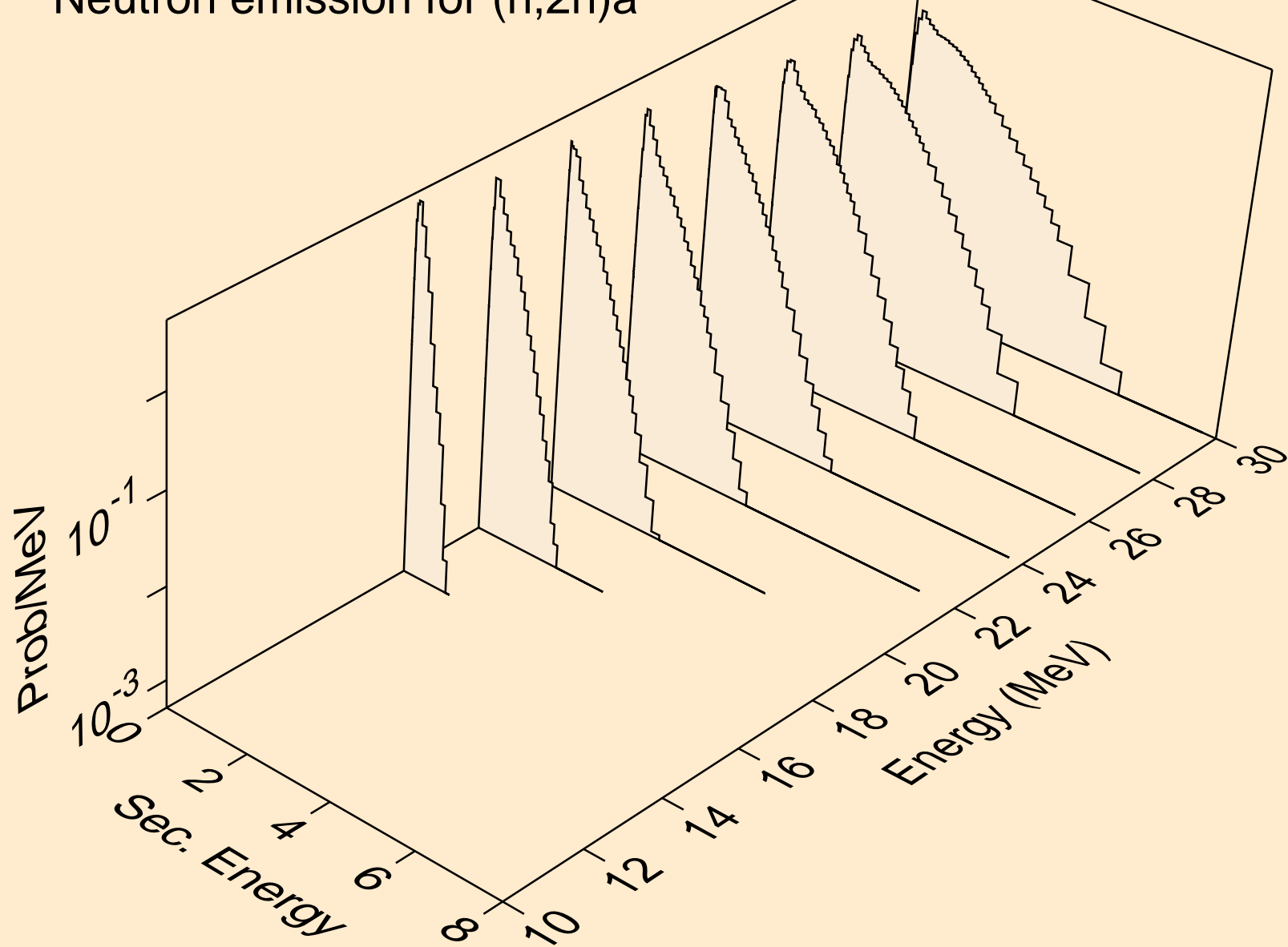
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)



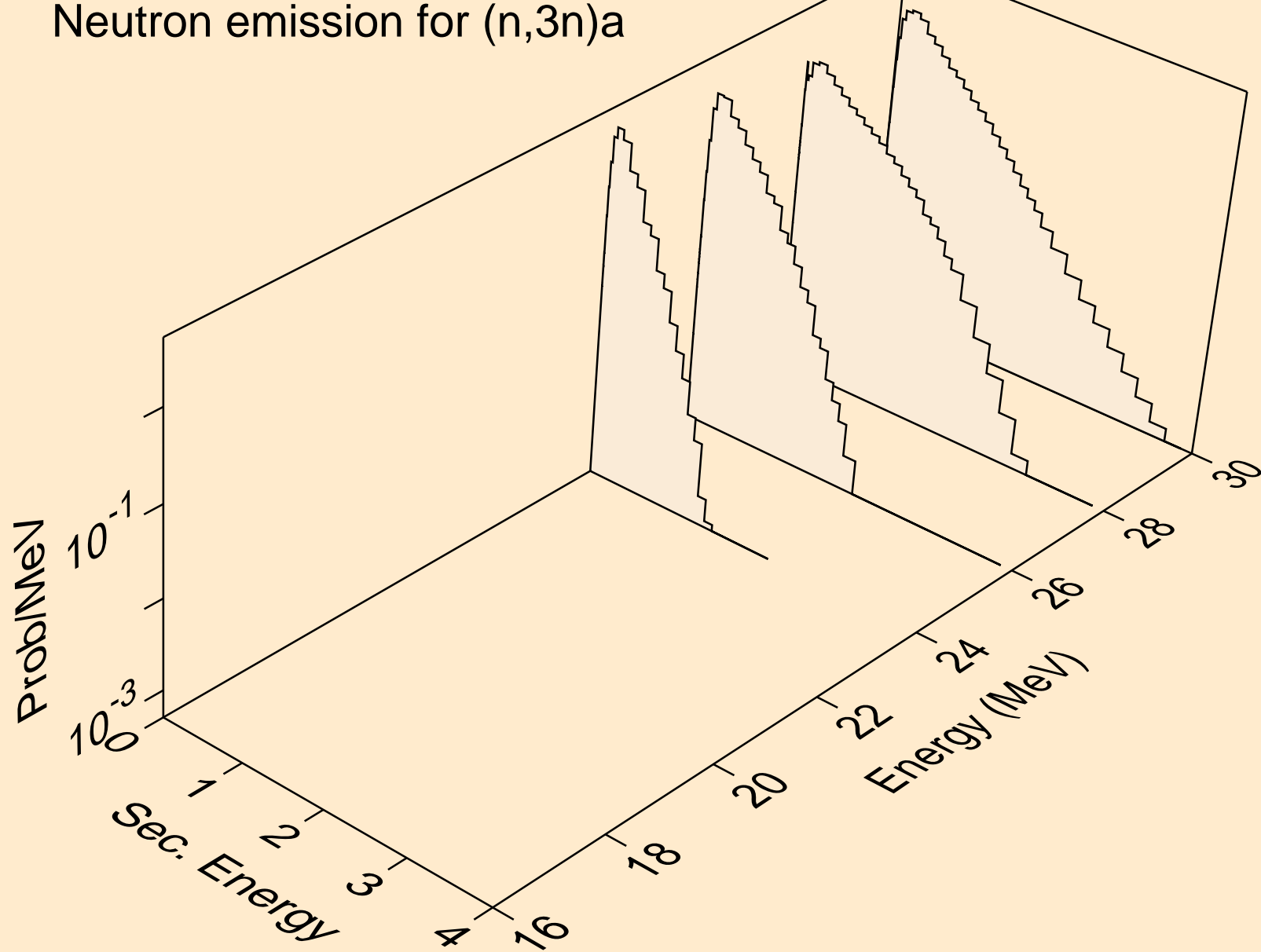
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)a



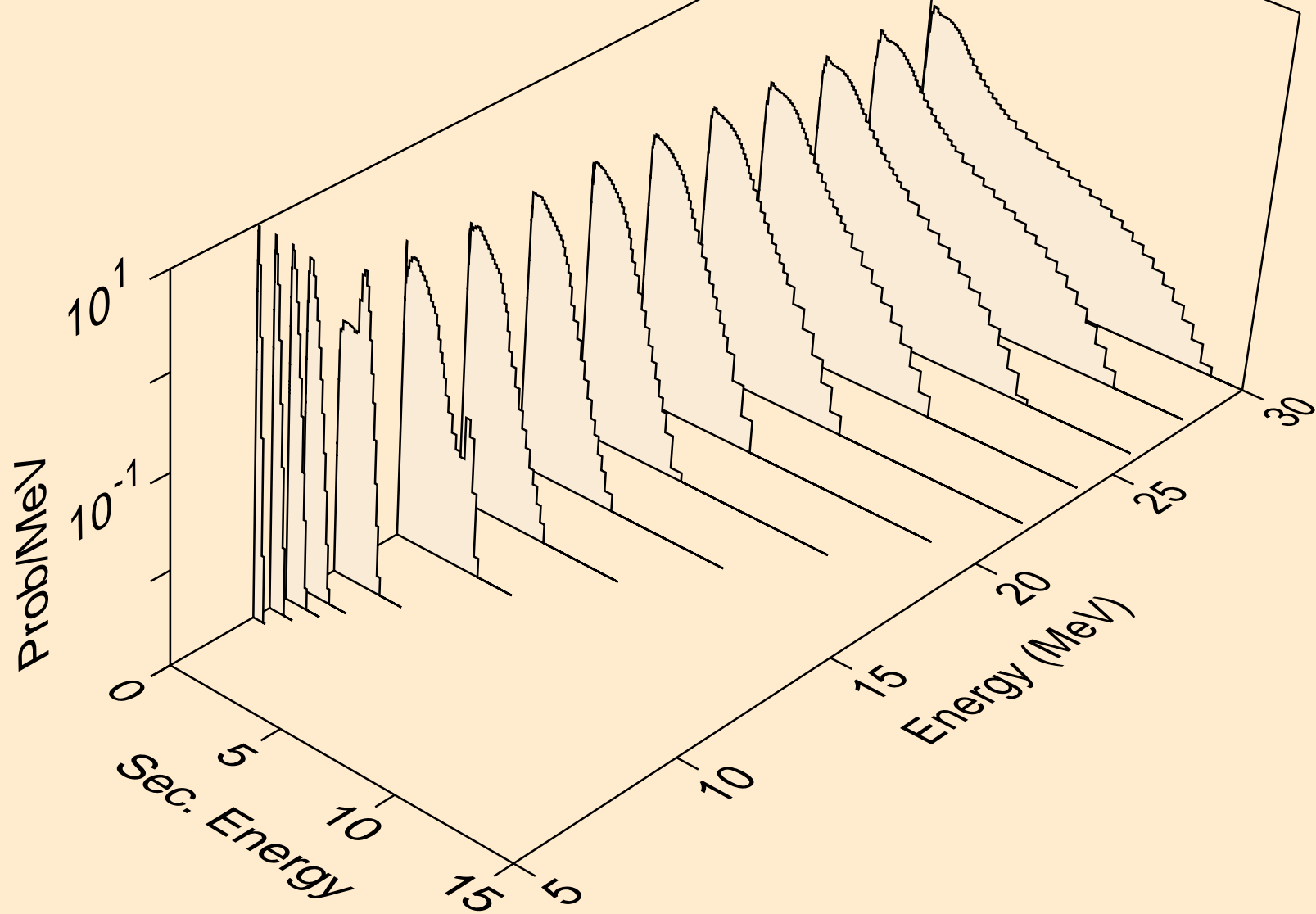
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2n)a



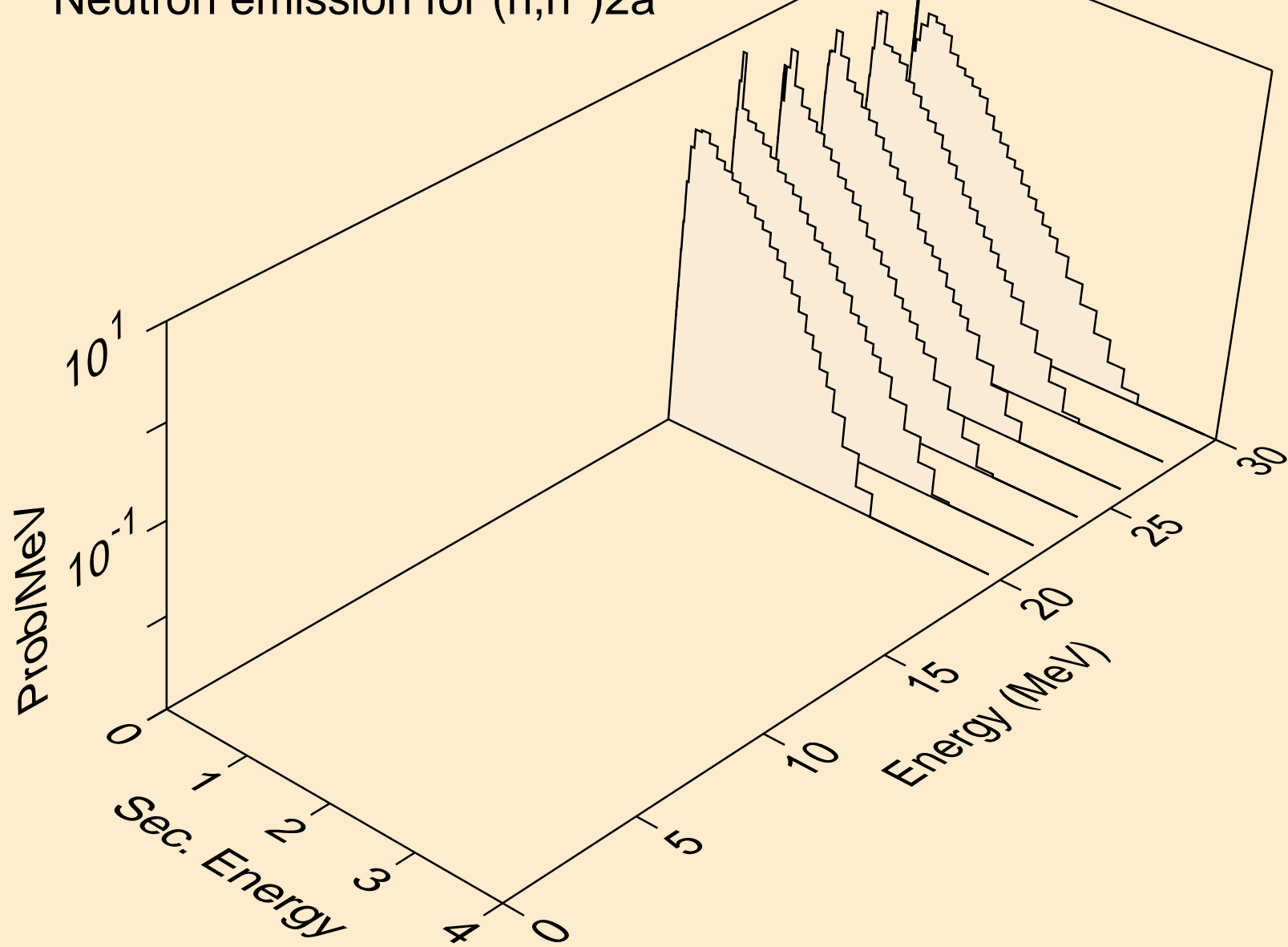
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3n)a



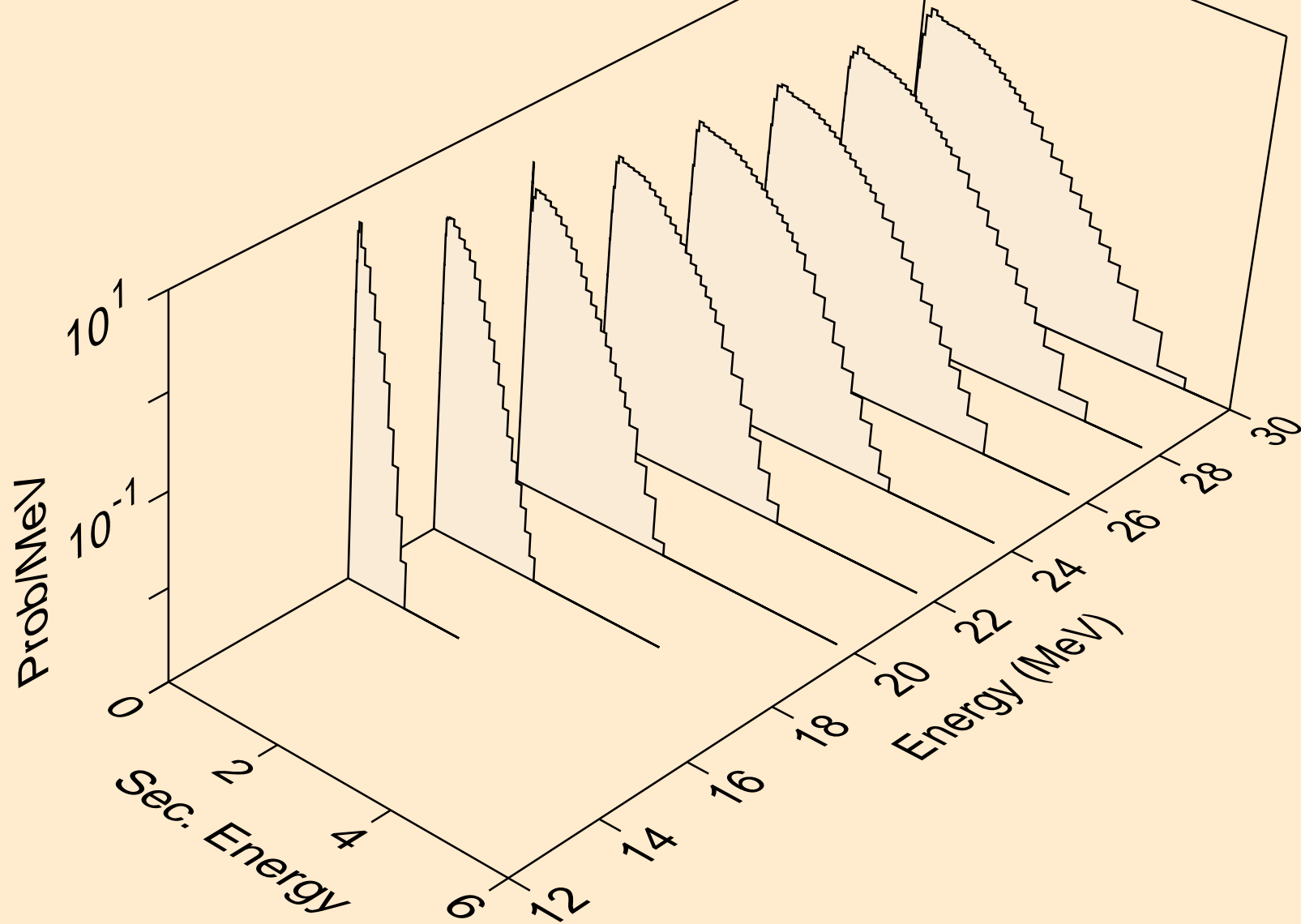
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)p



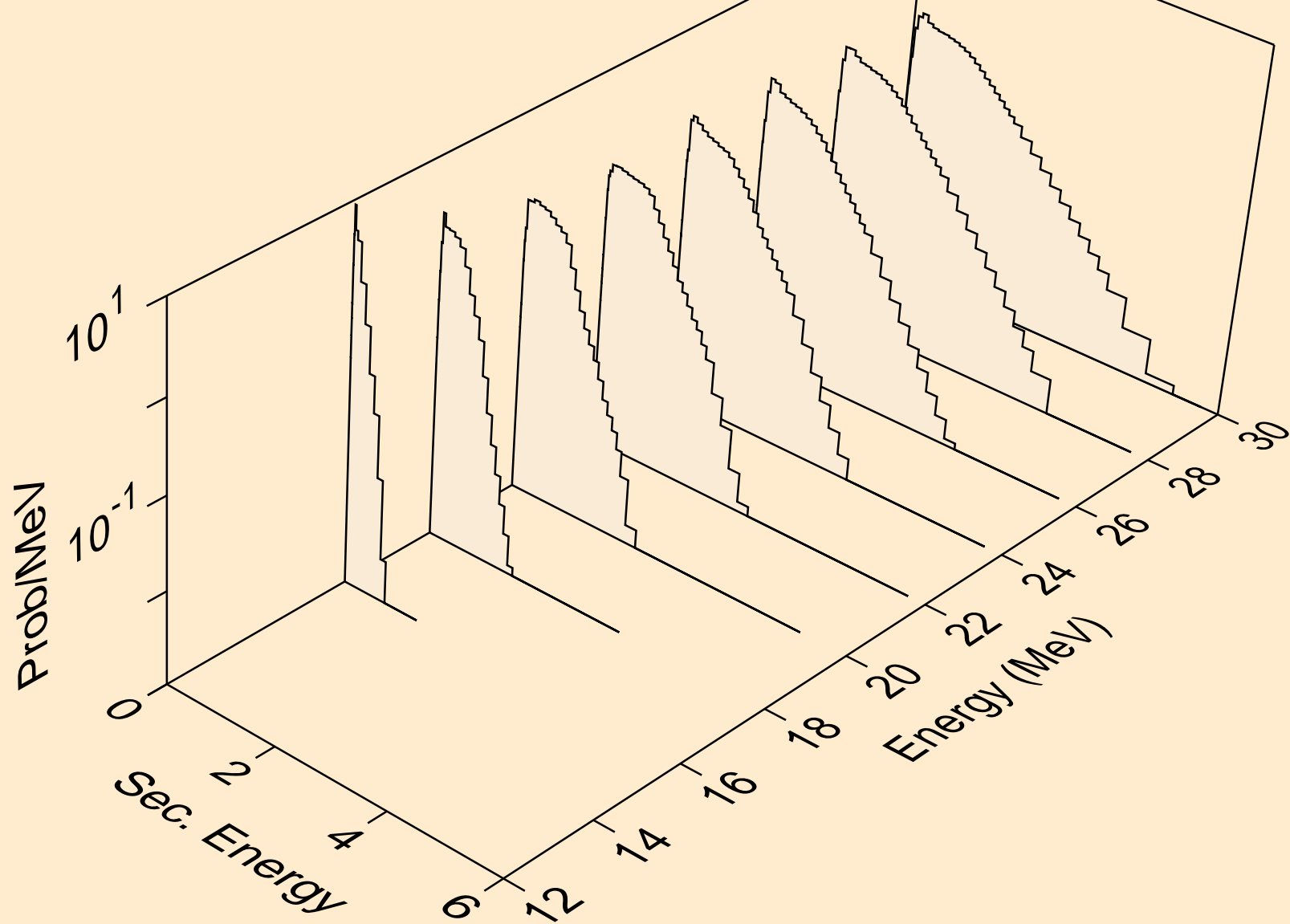
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)2a



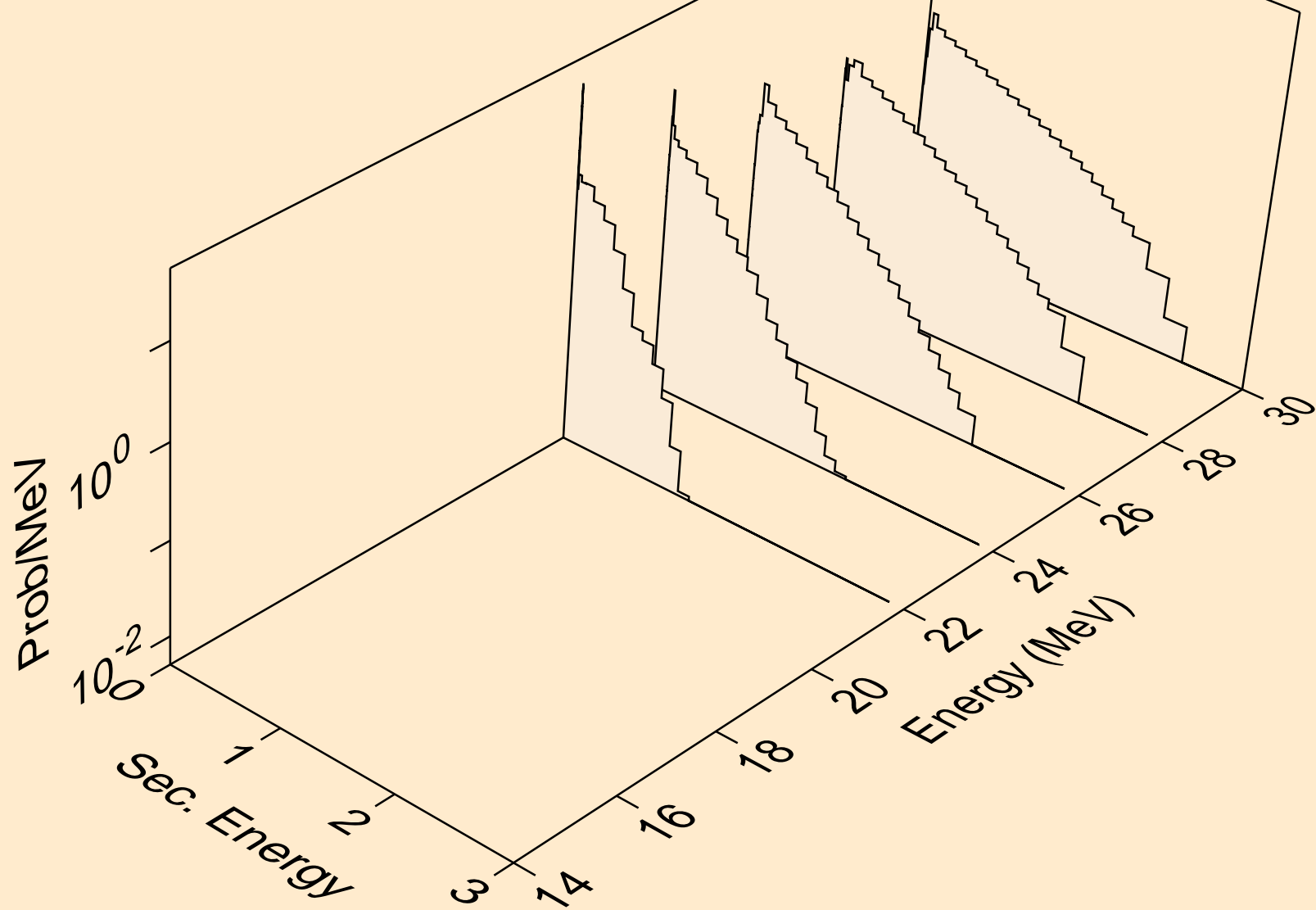
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)d



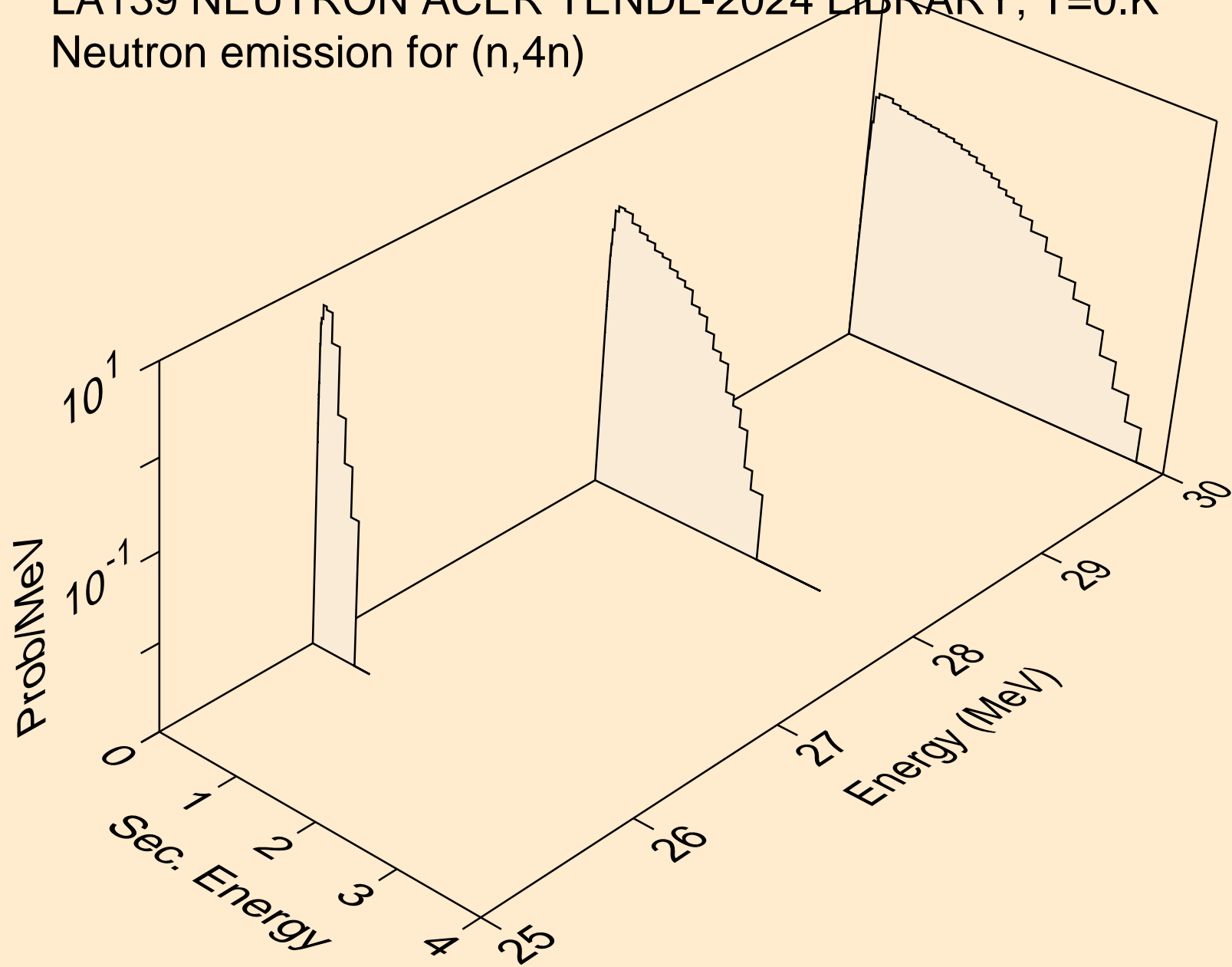
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)t



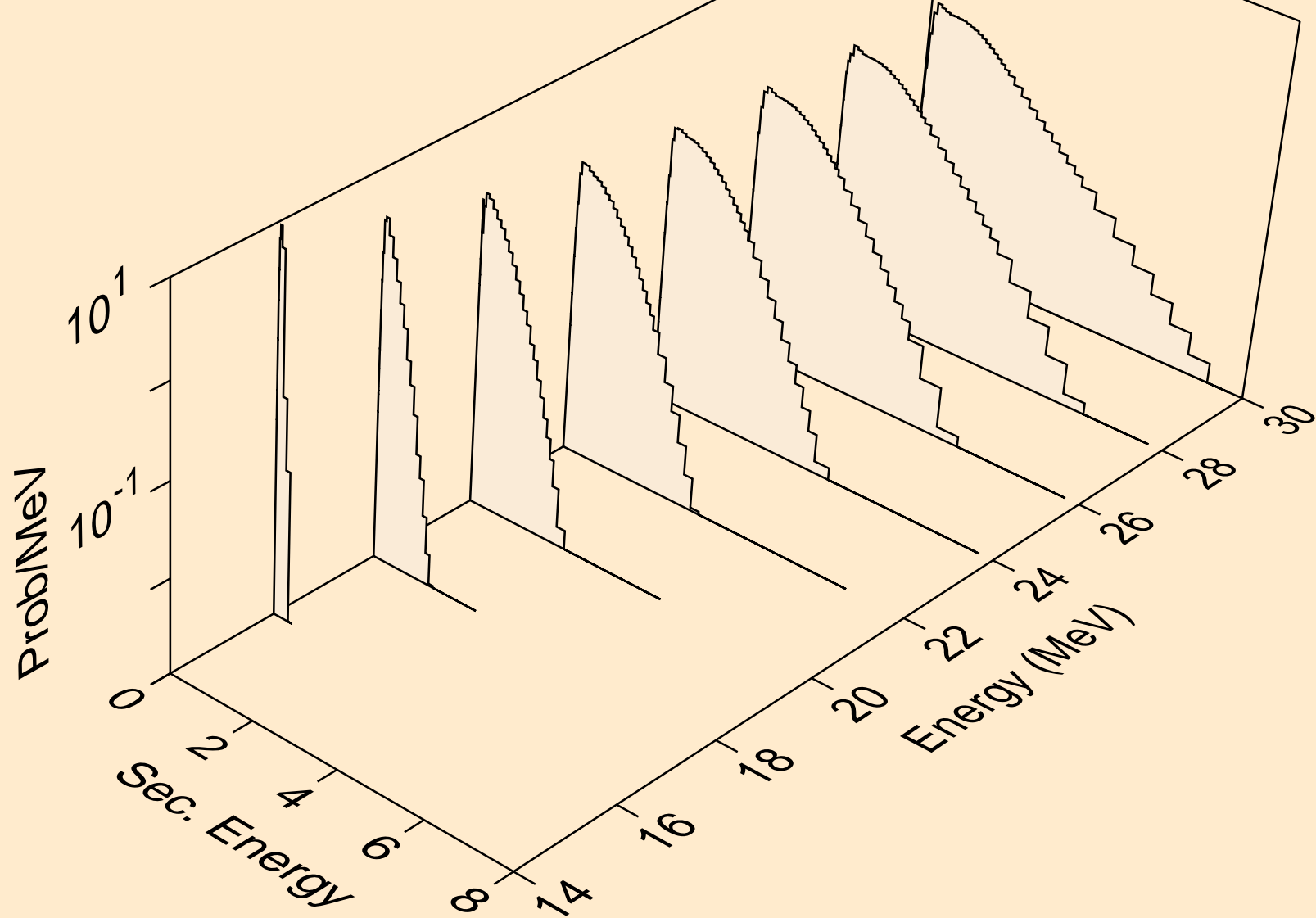
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*)he3



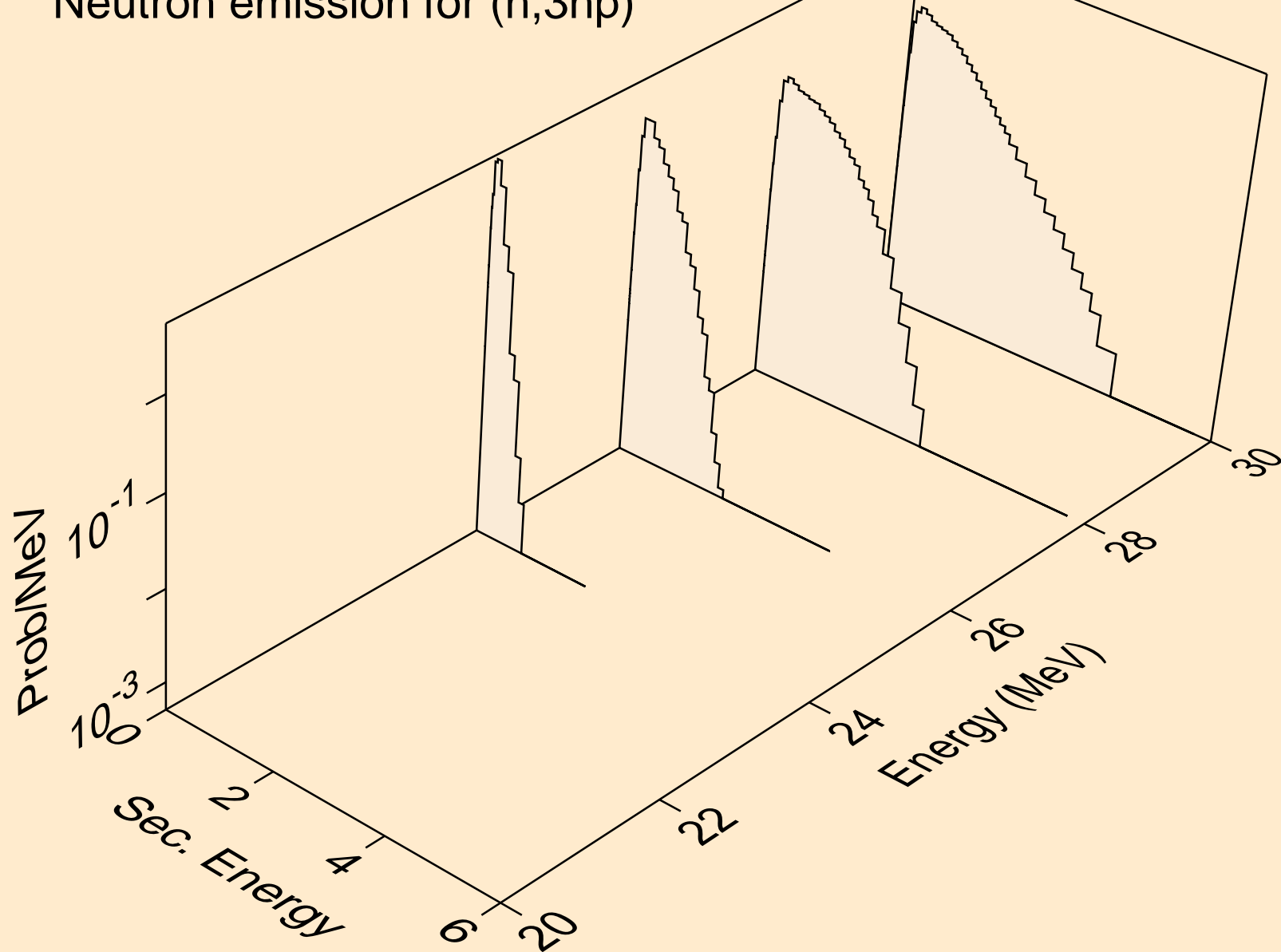
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,4n)



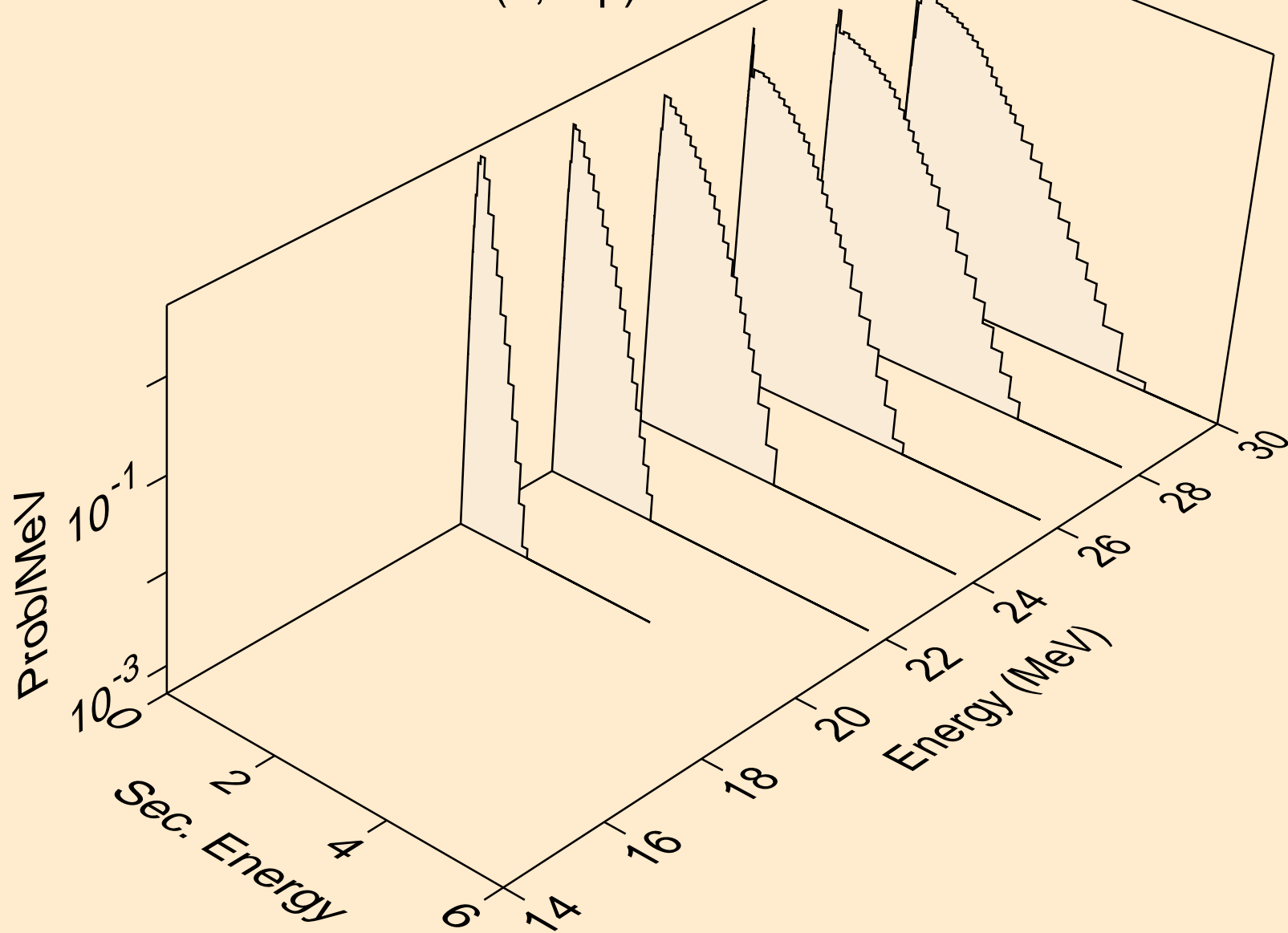
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,2np)



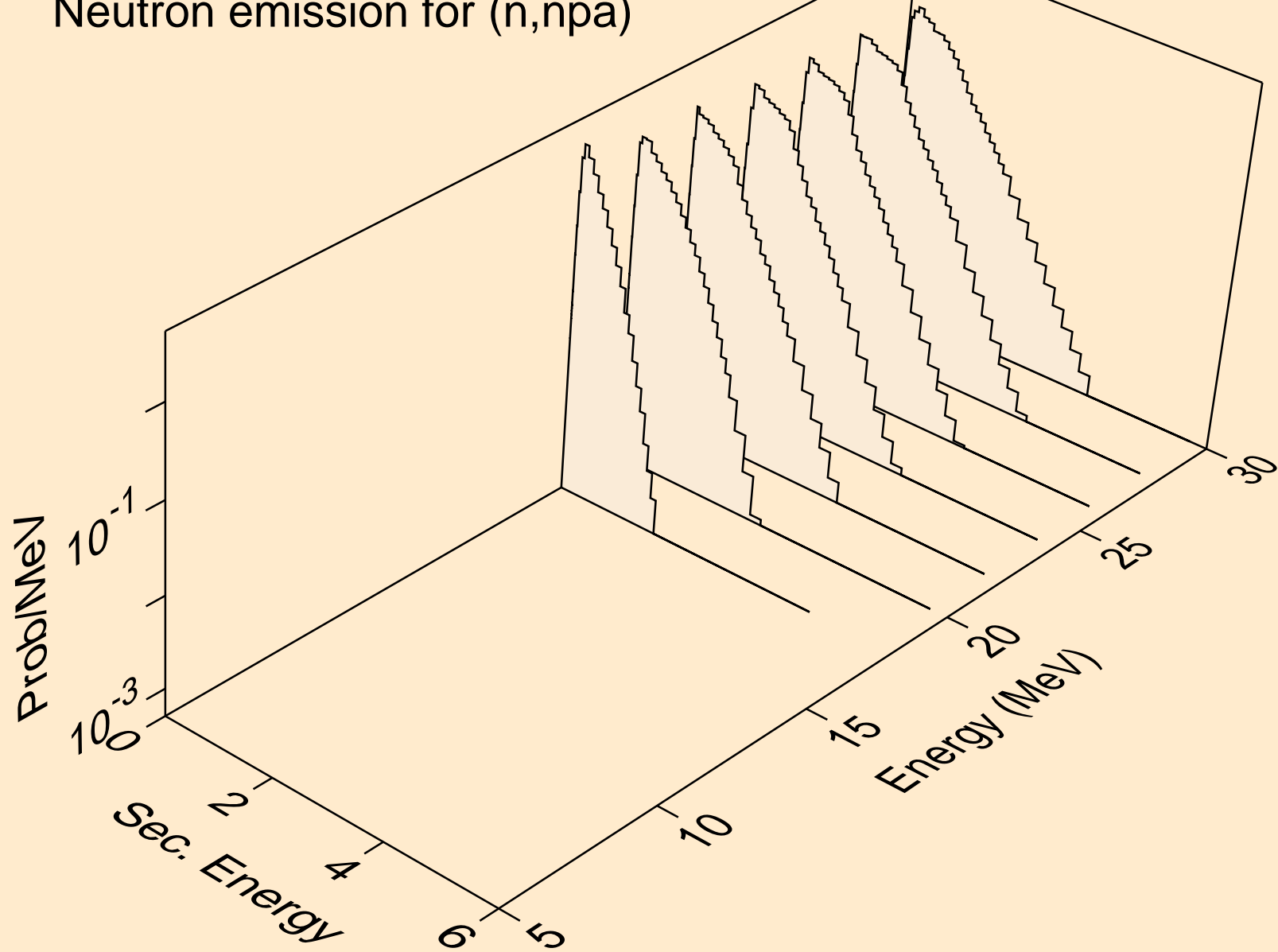
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,3np)



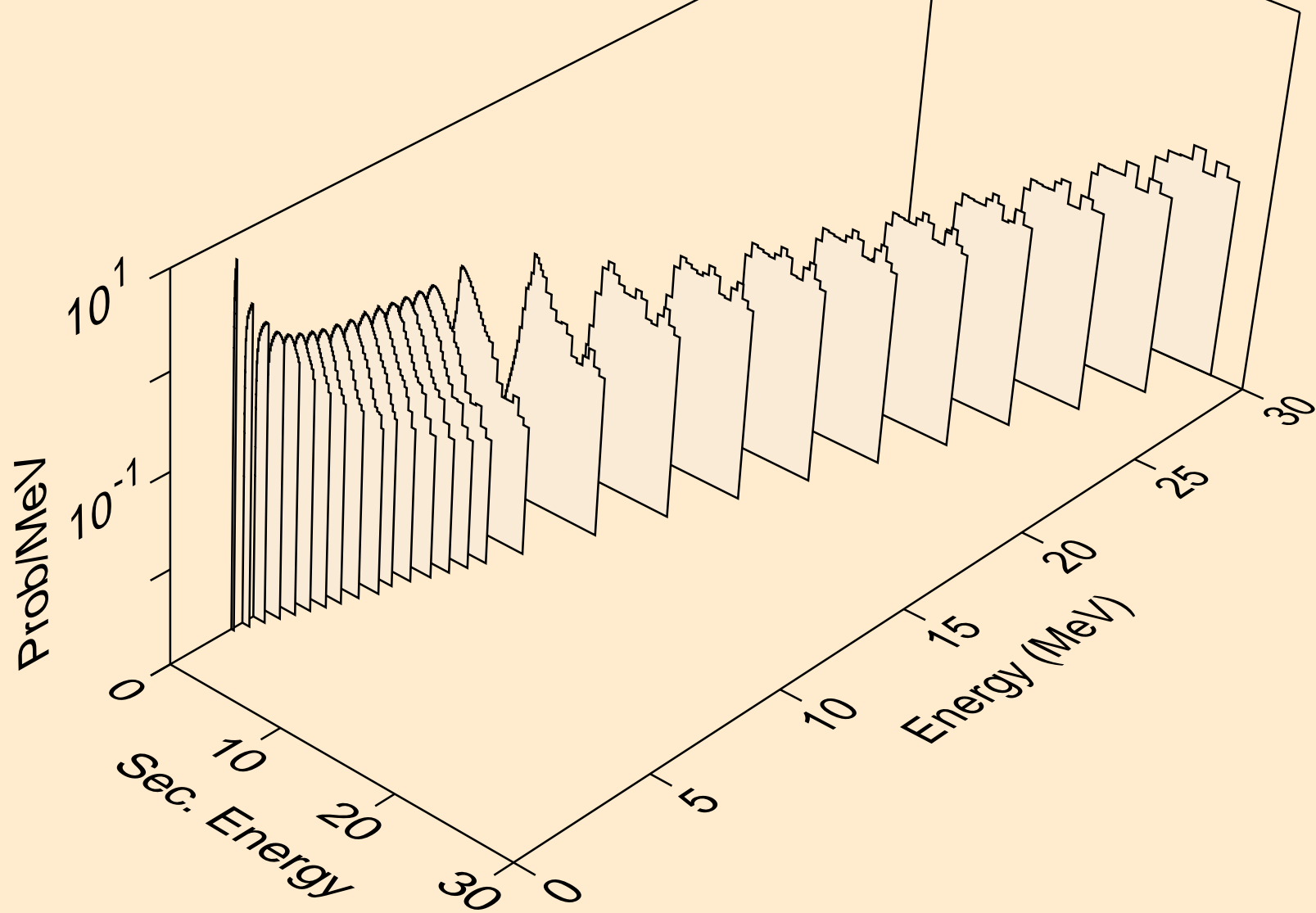
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n2p)



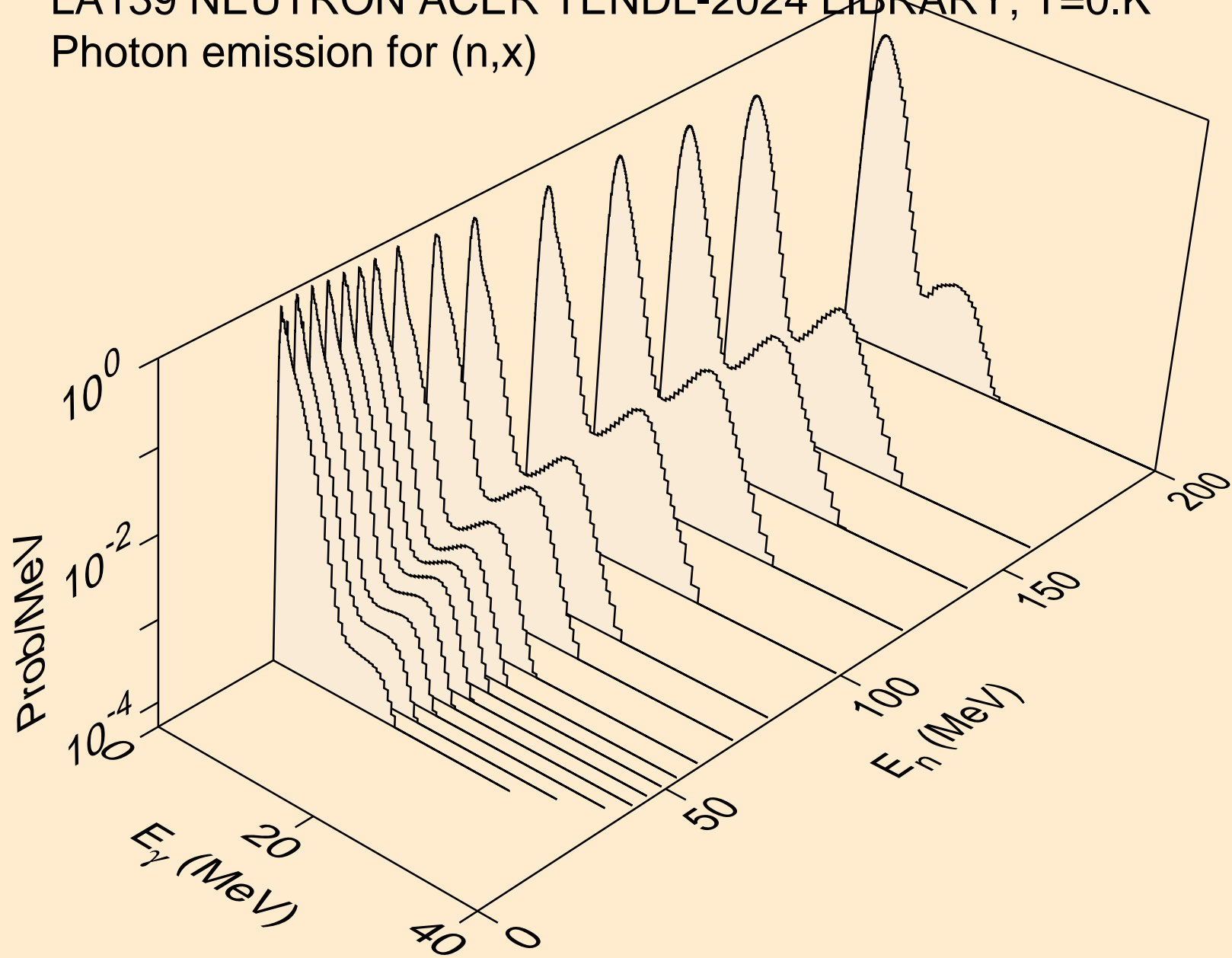
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,npa)



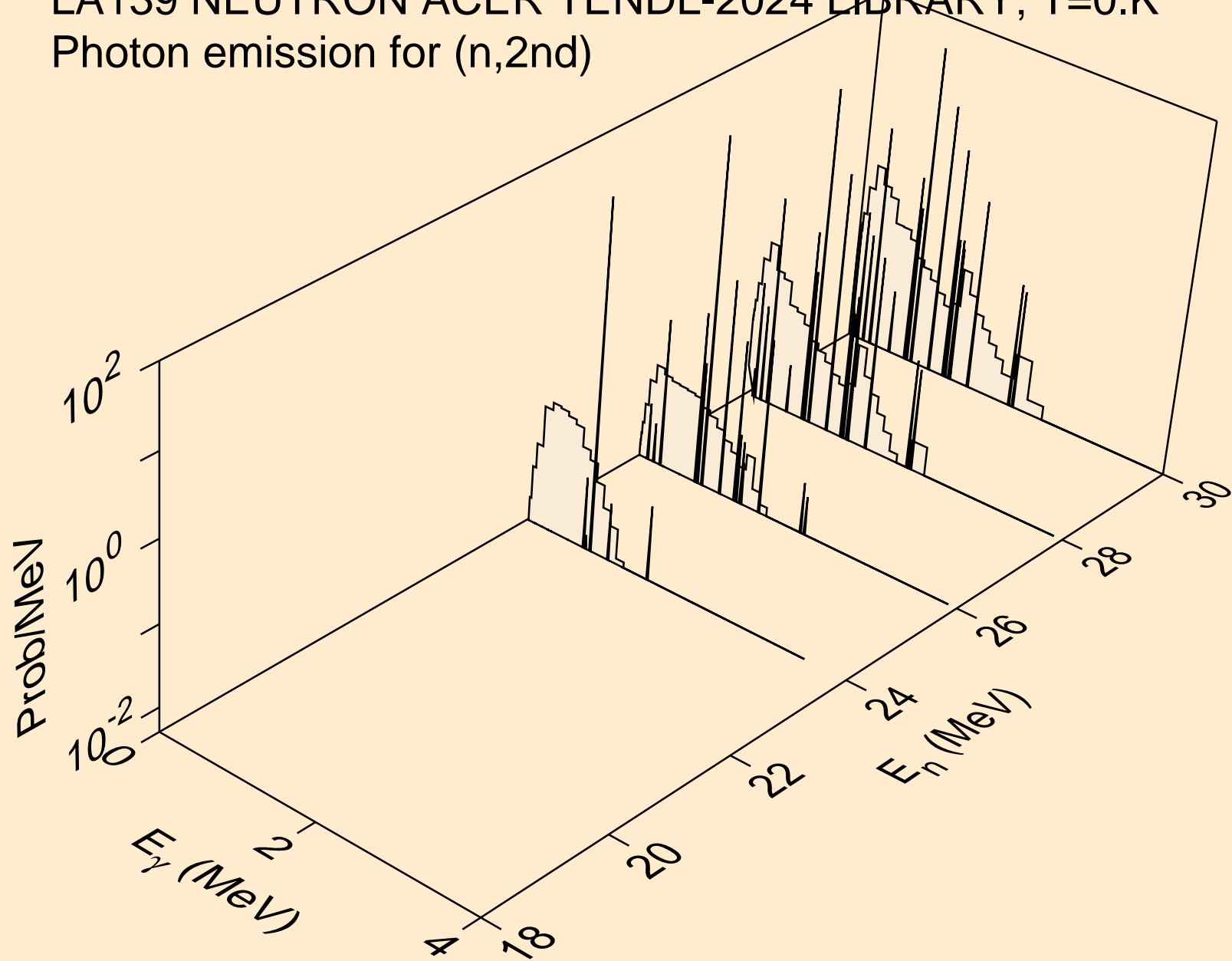
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Neutron emission for (n,n*c)



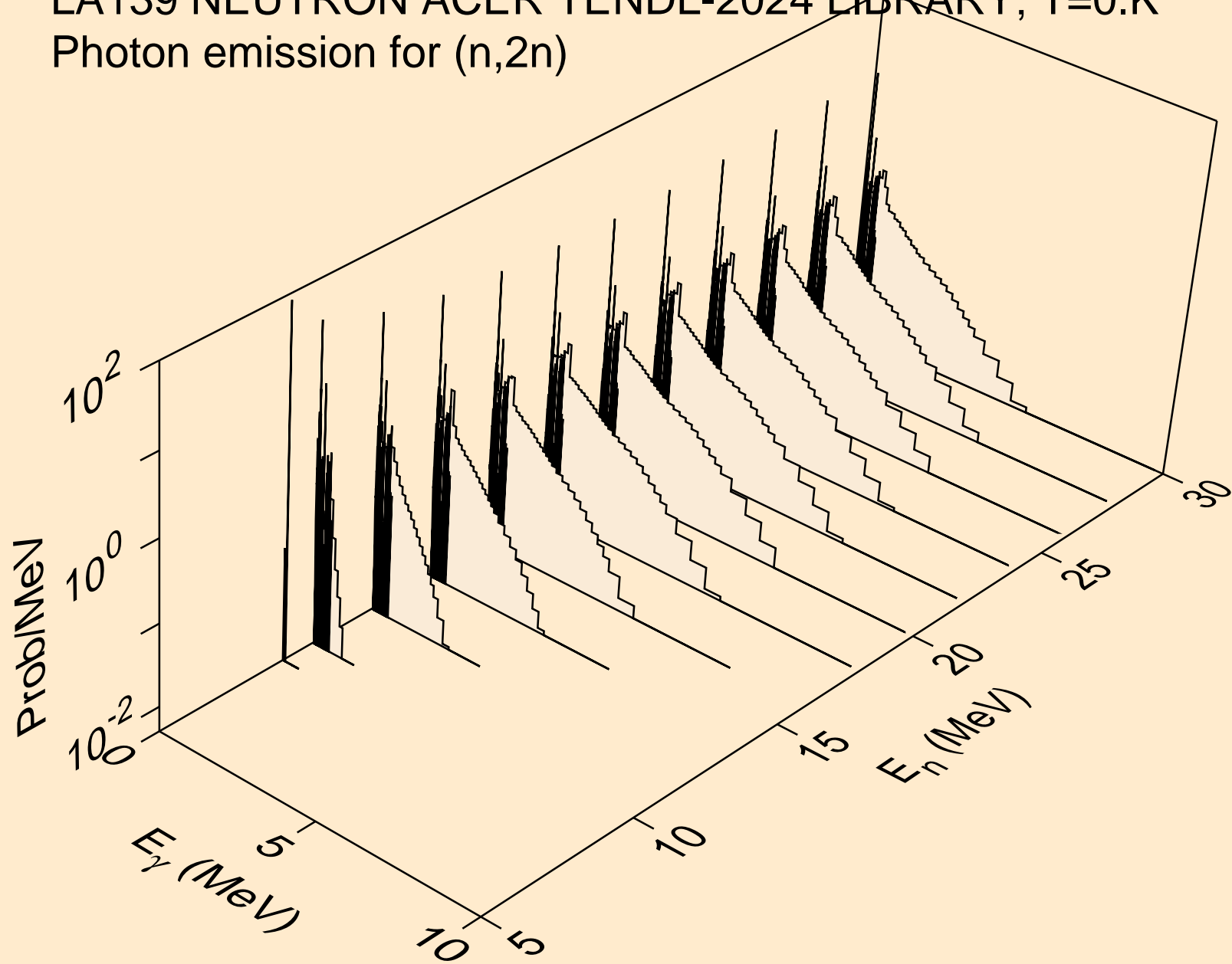
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,x)



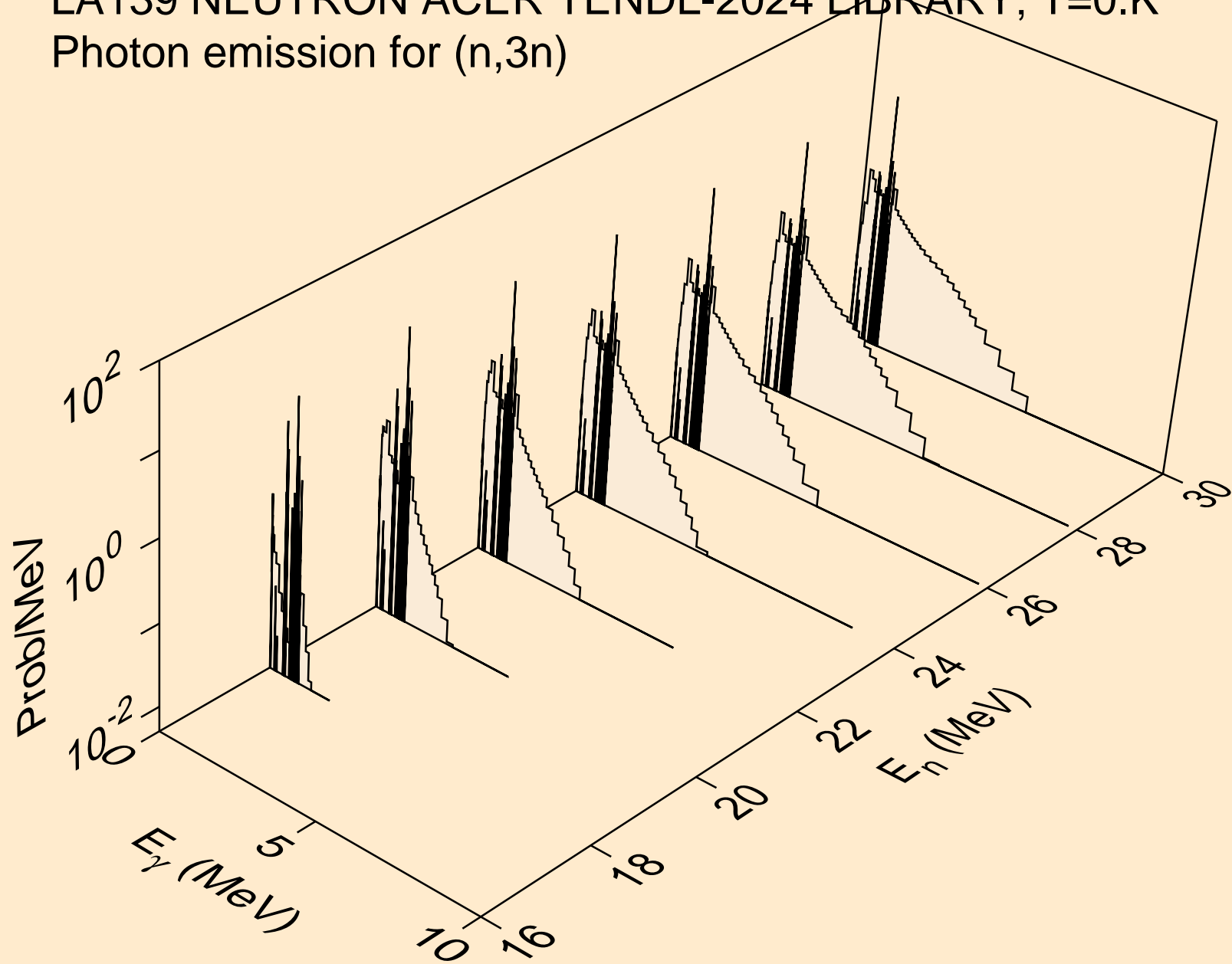
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2nd)



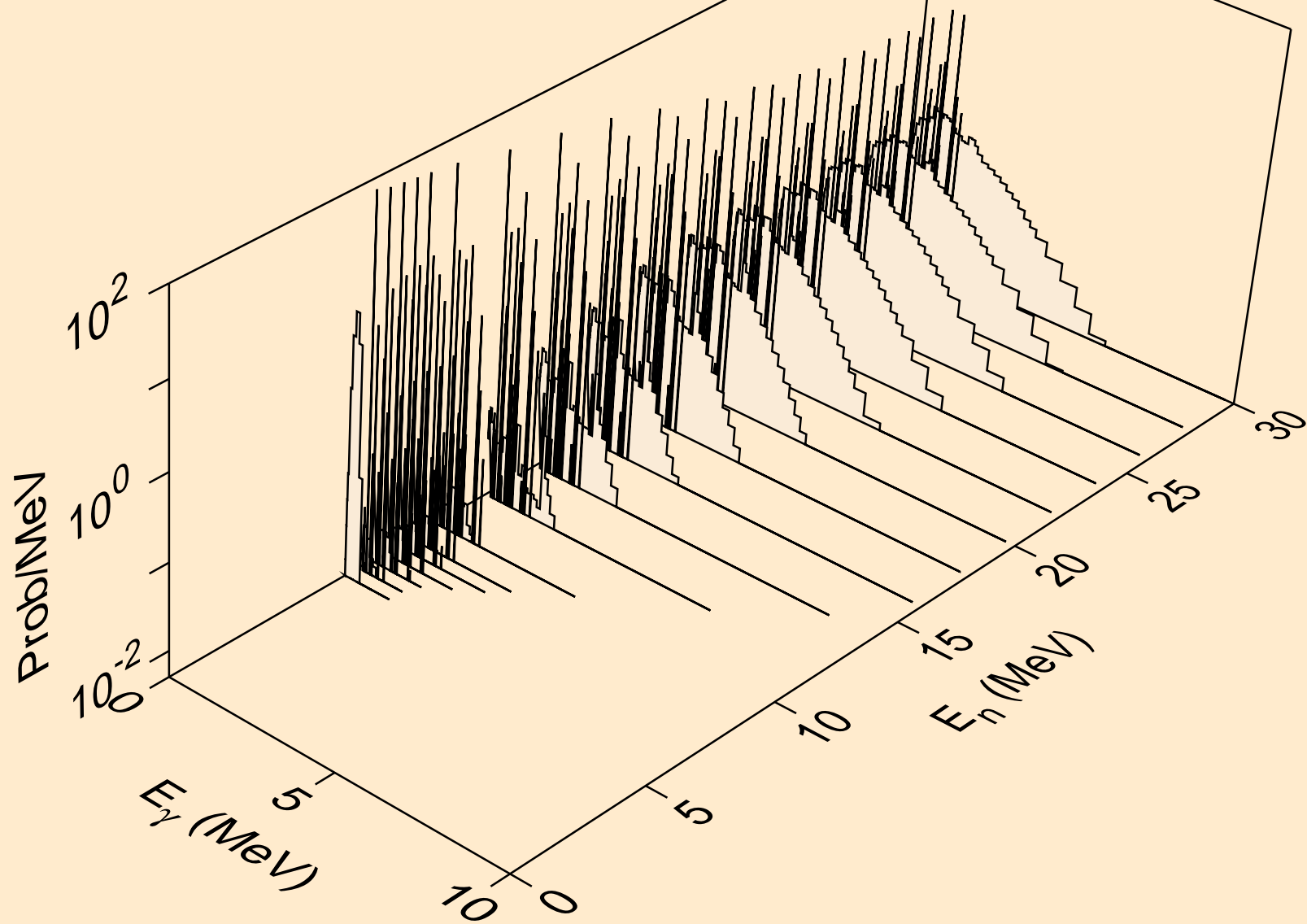
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



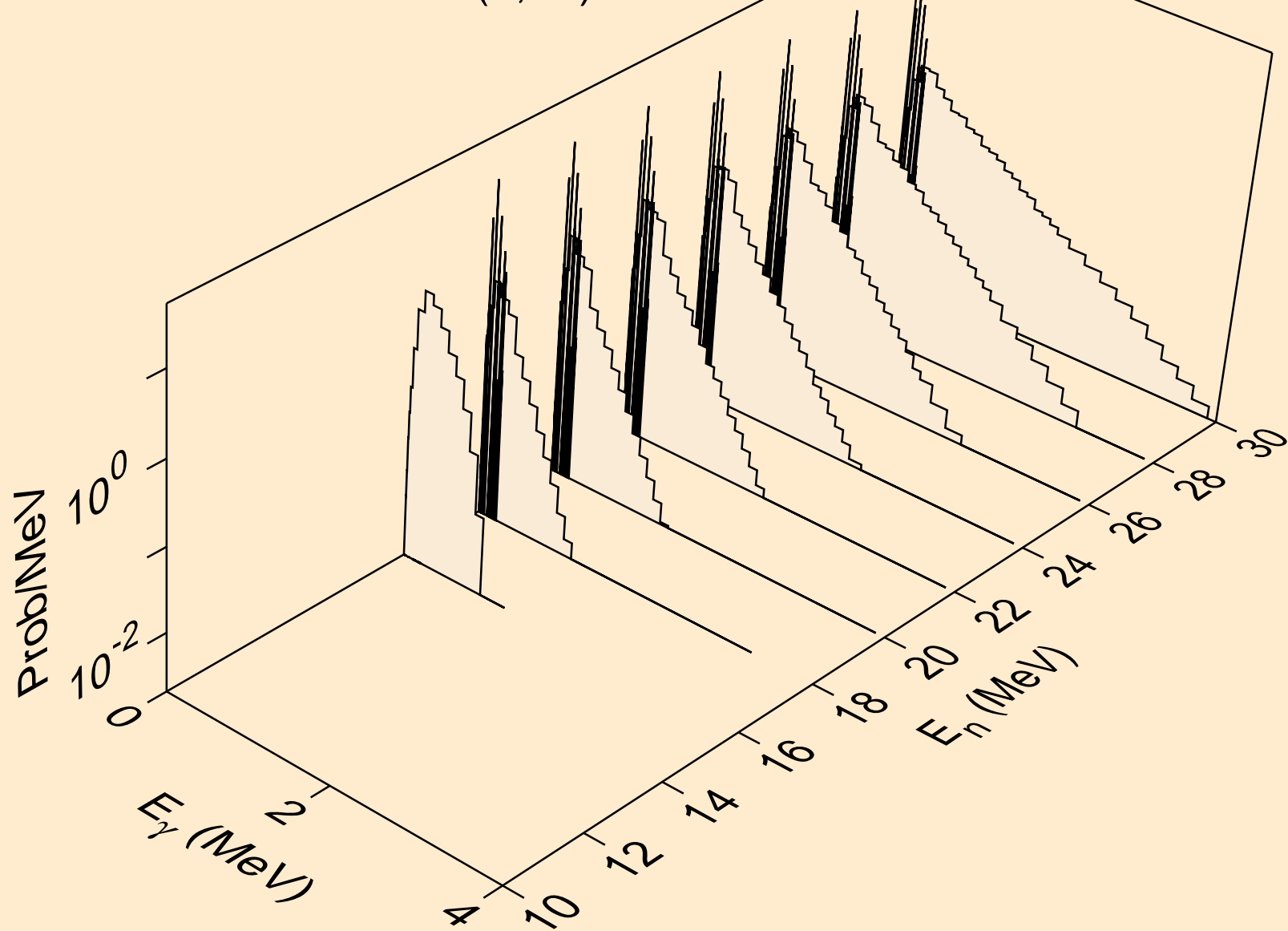
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)



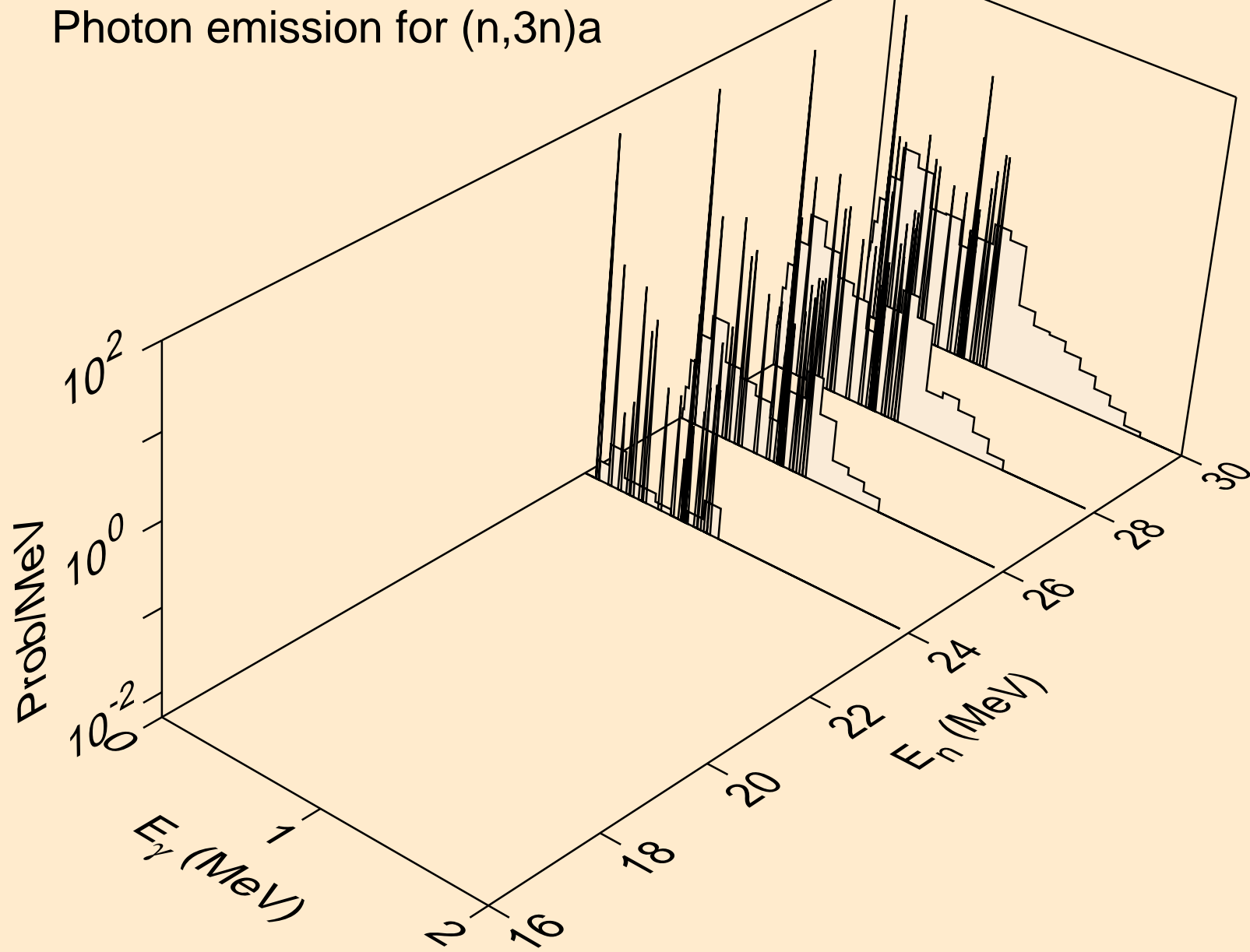
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)a



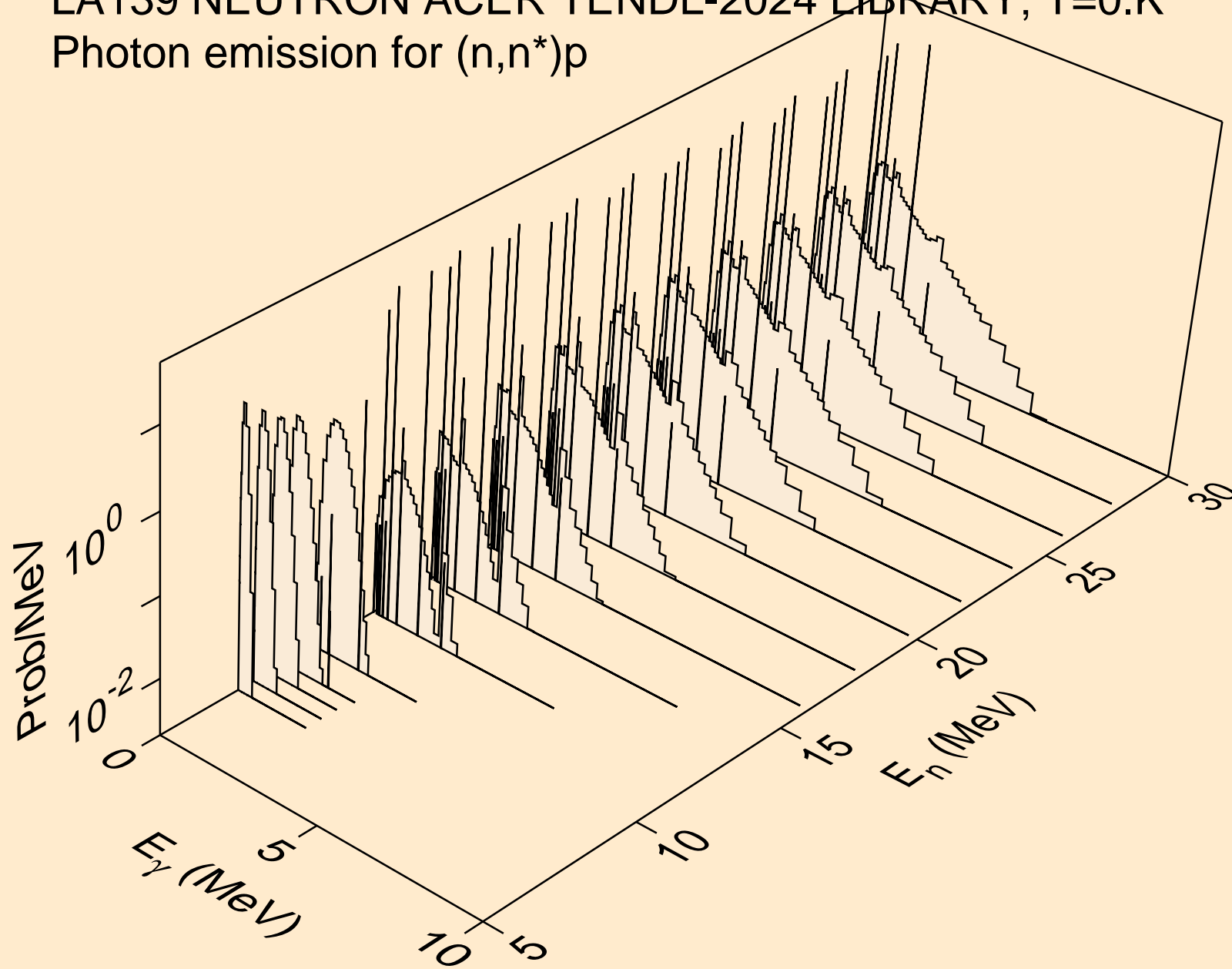
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)a



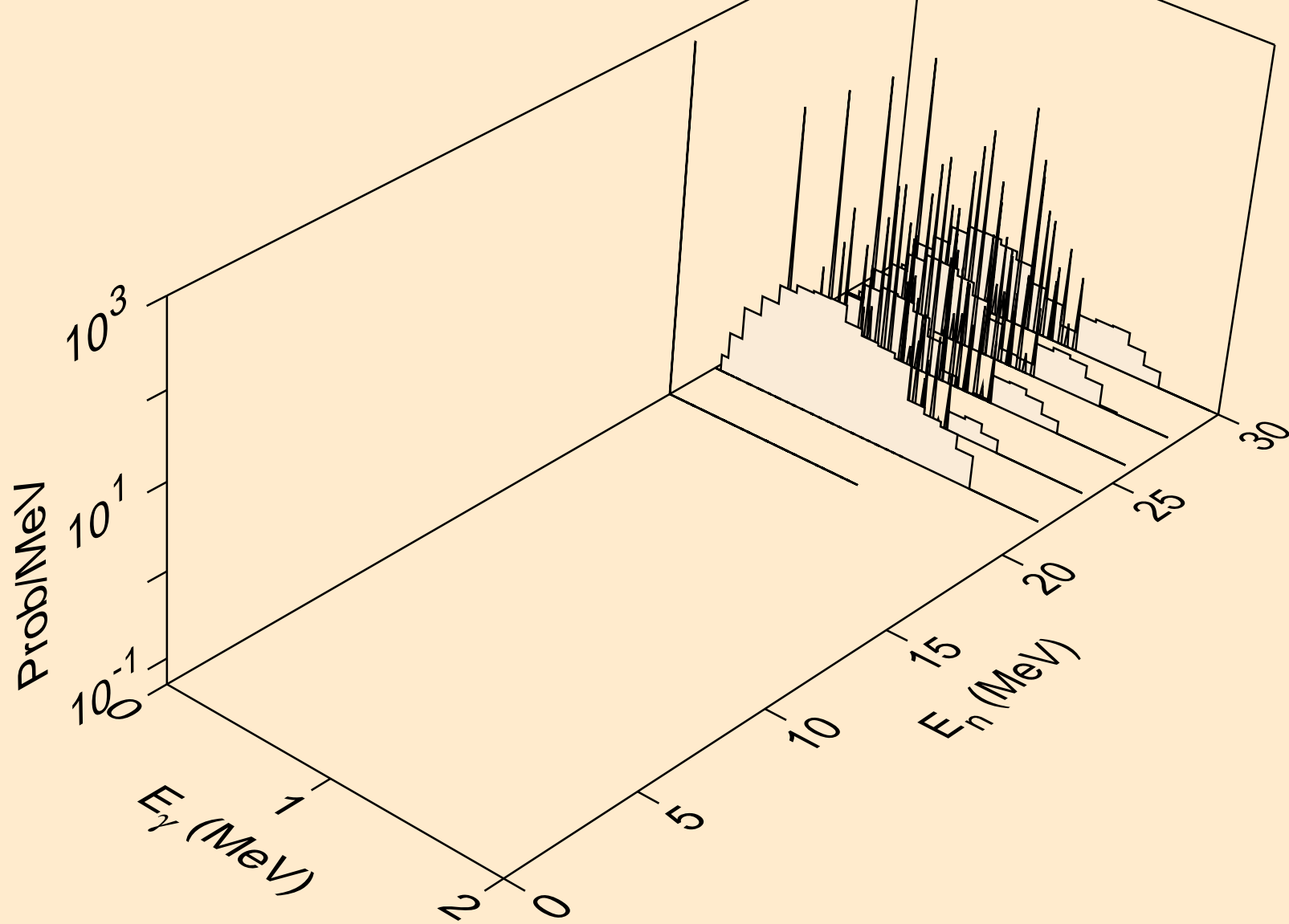
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3n)a



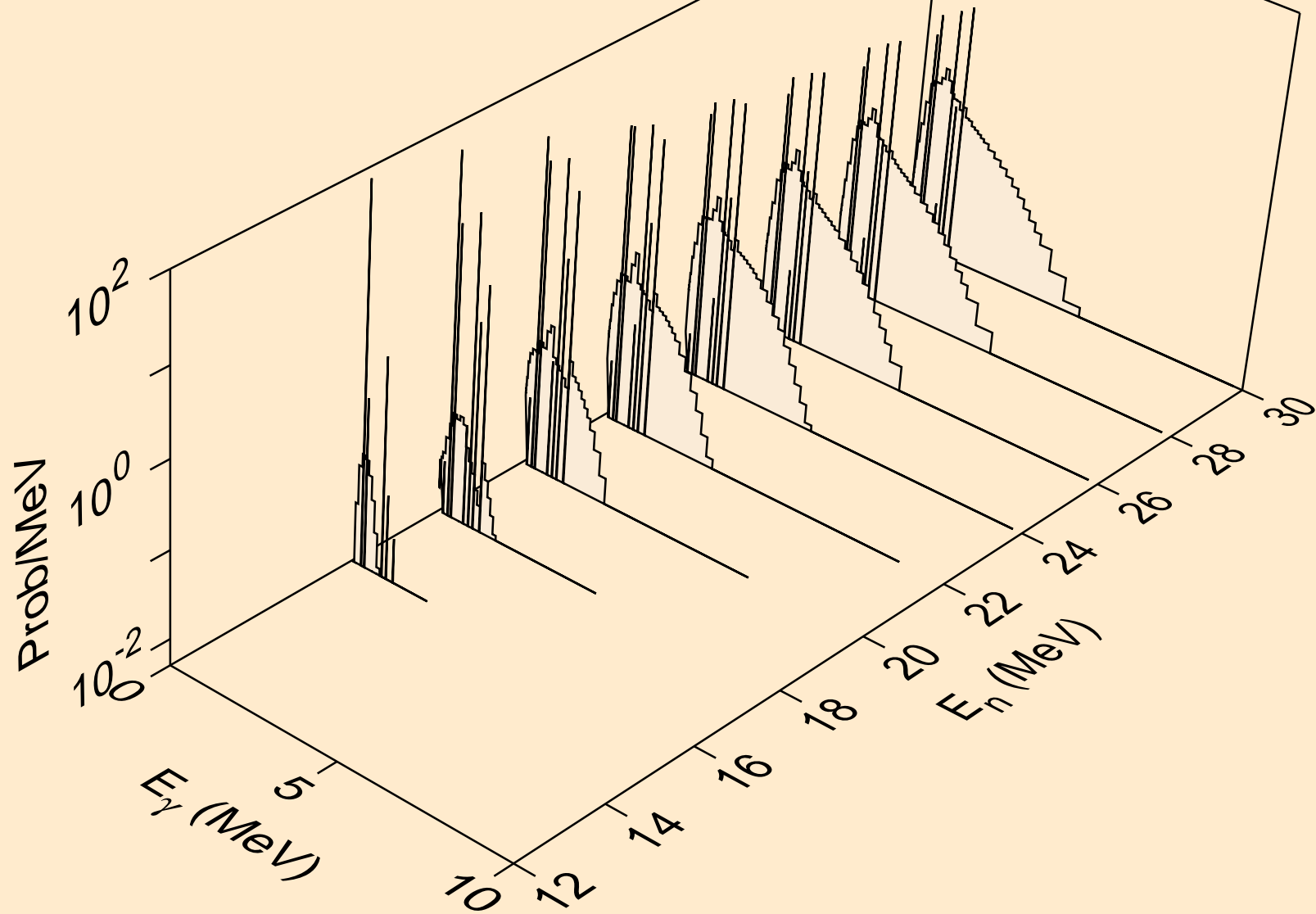
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)p



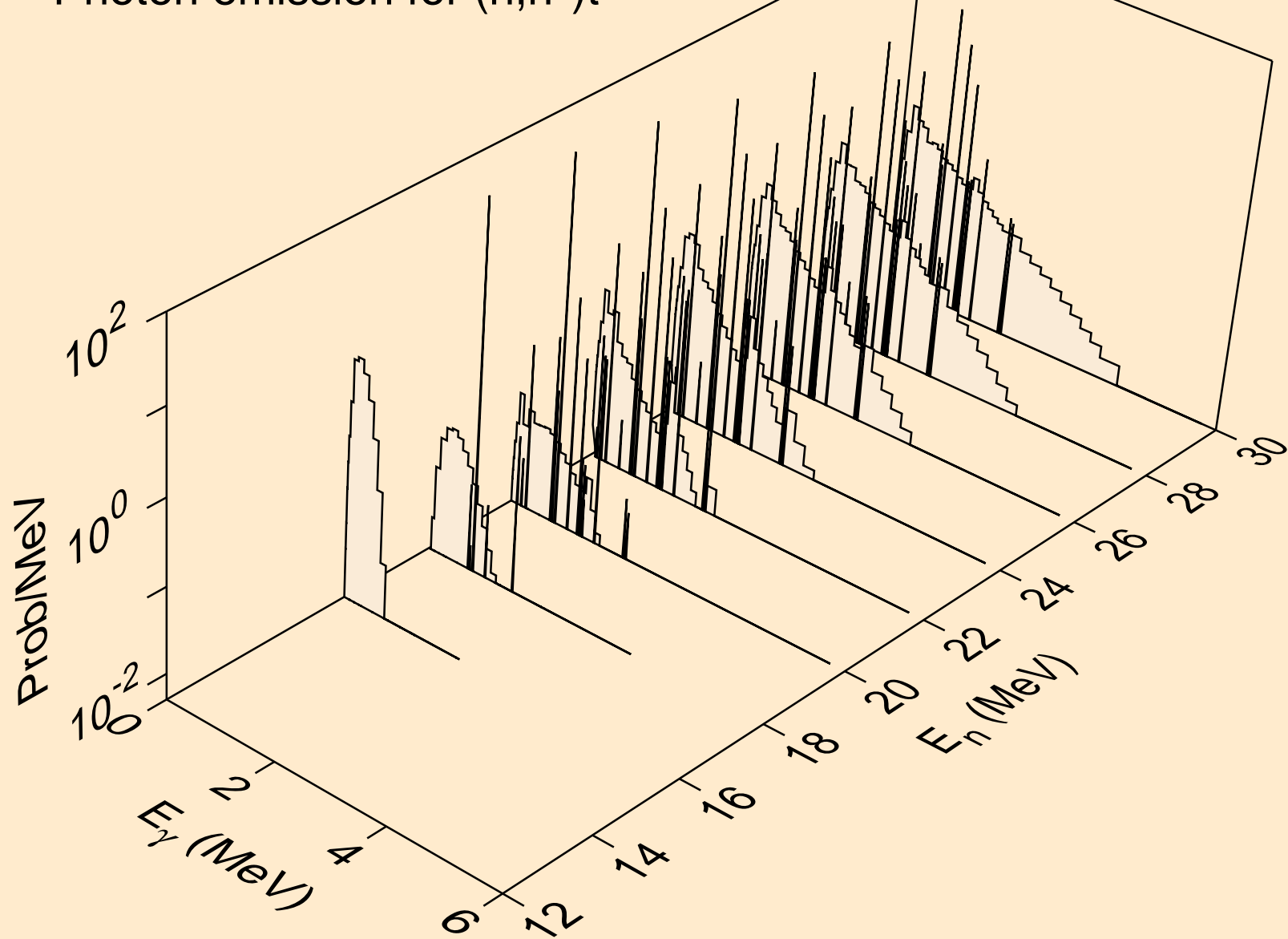
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)2a



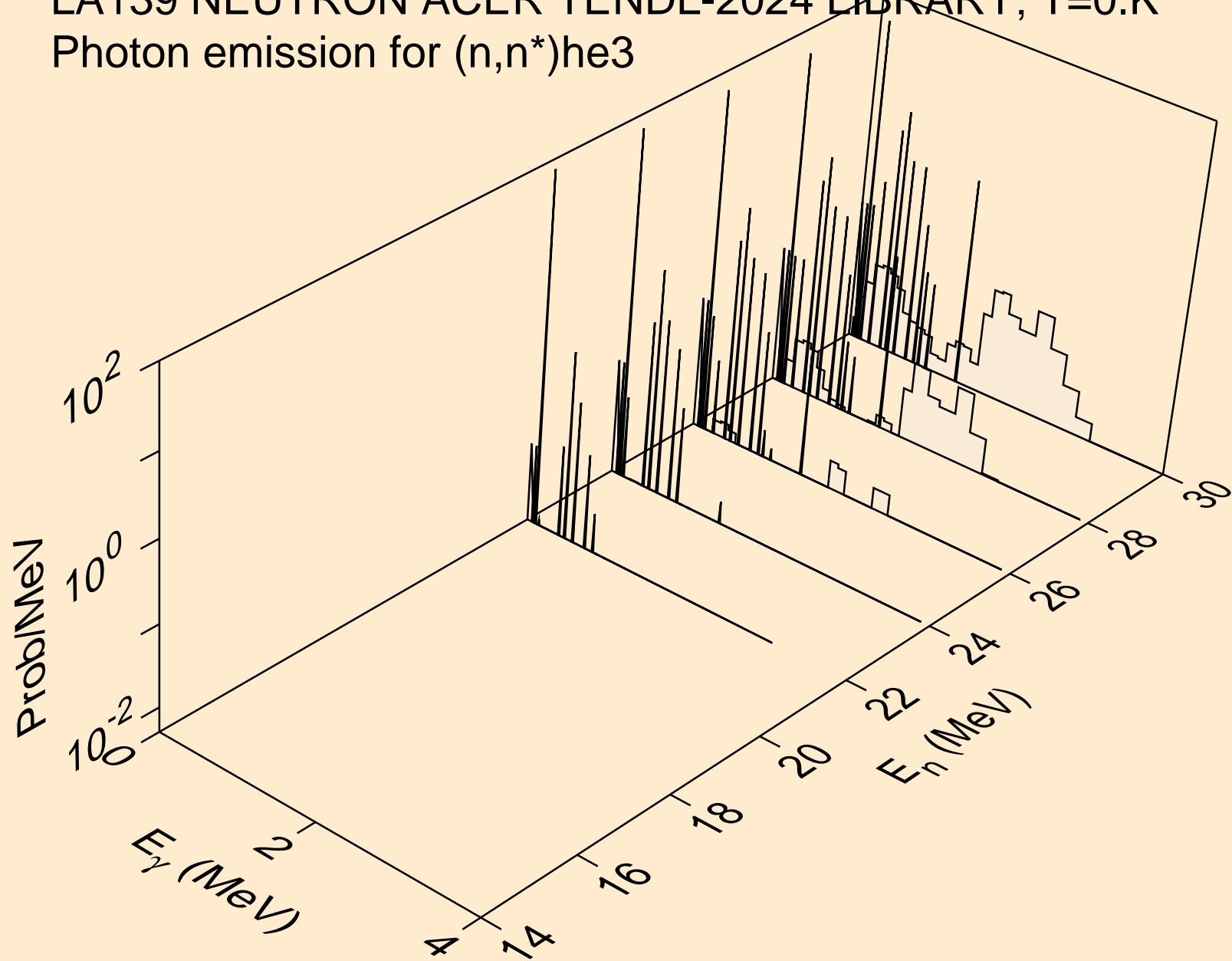
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)d



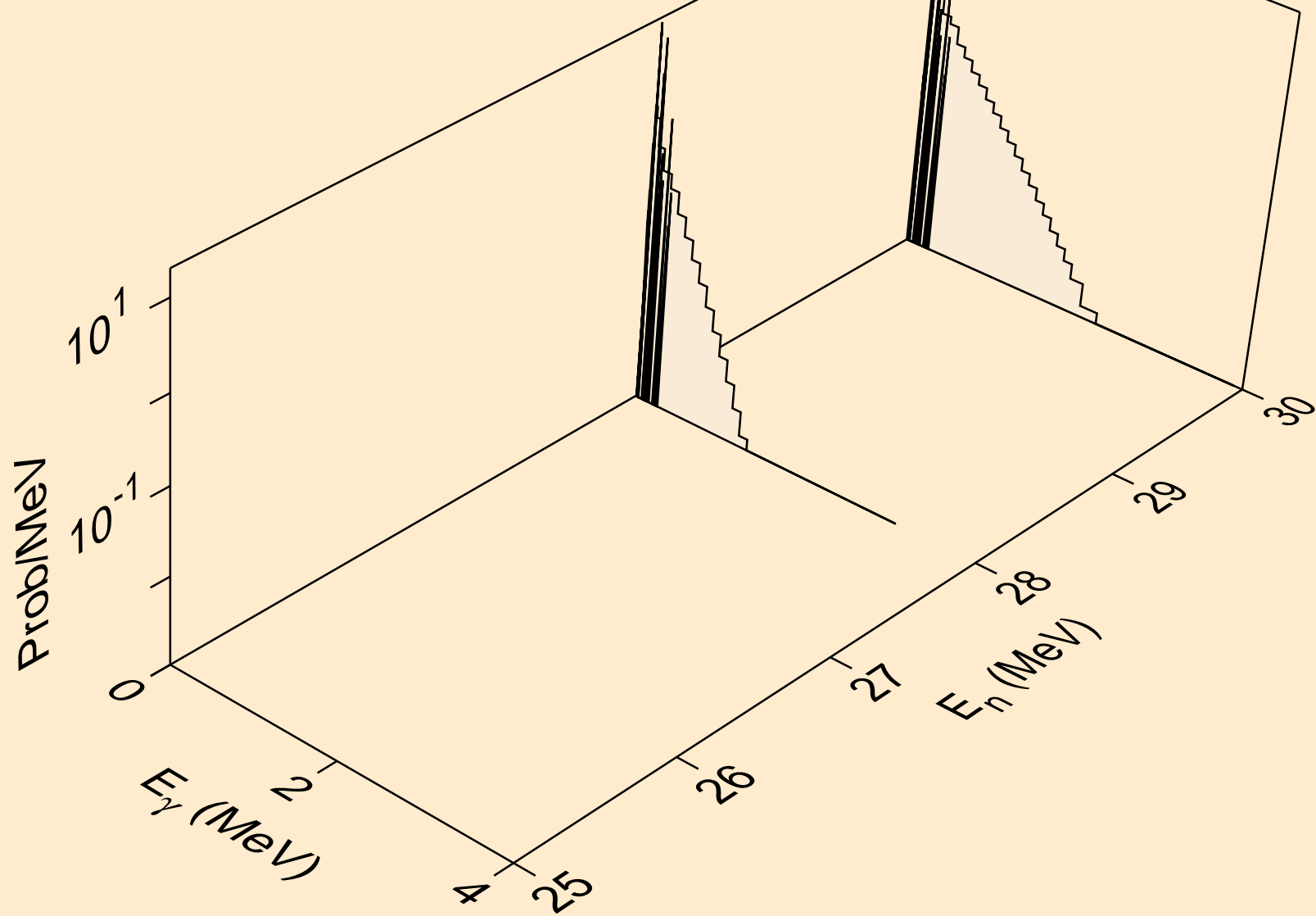
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)t



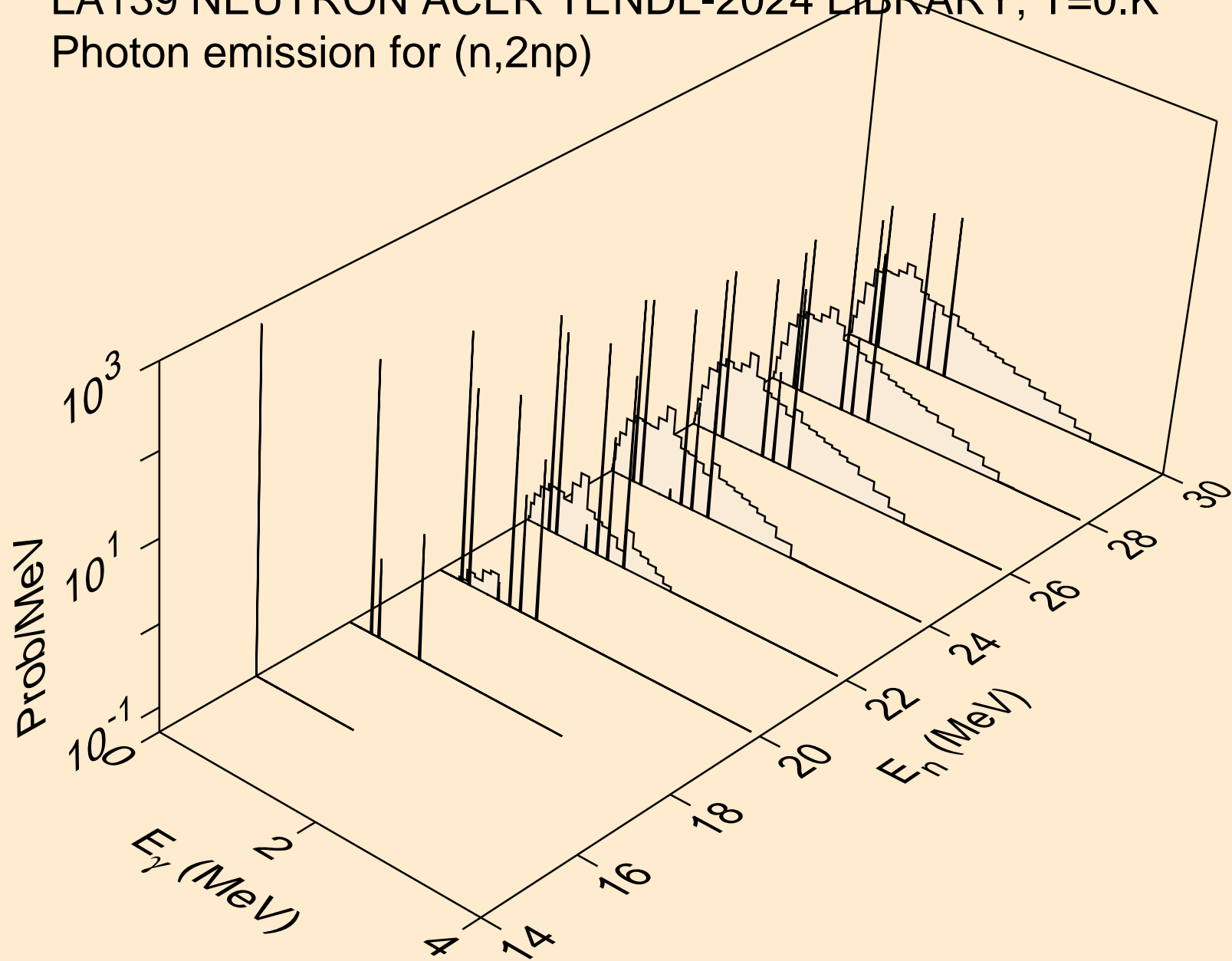
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*)he3



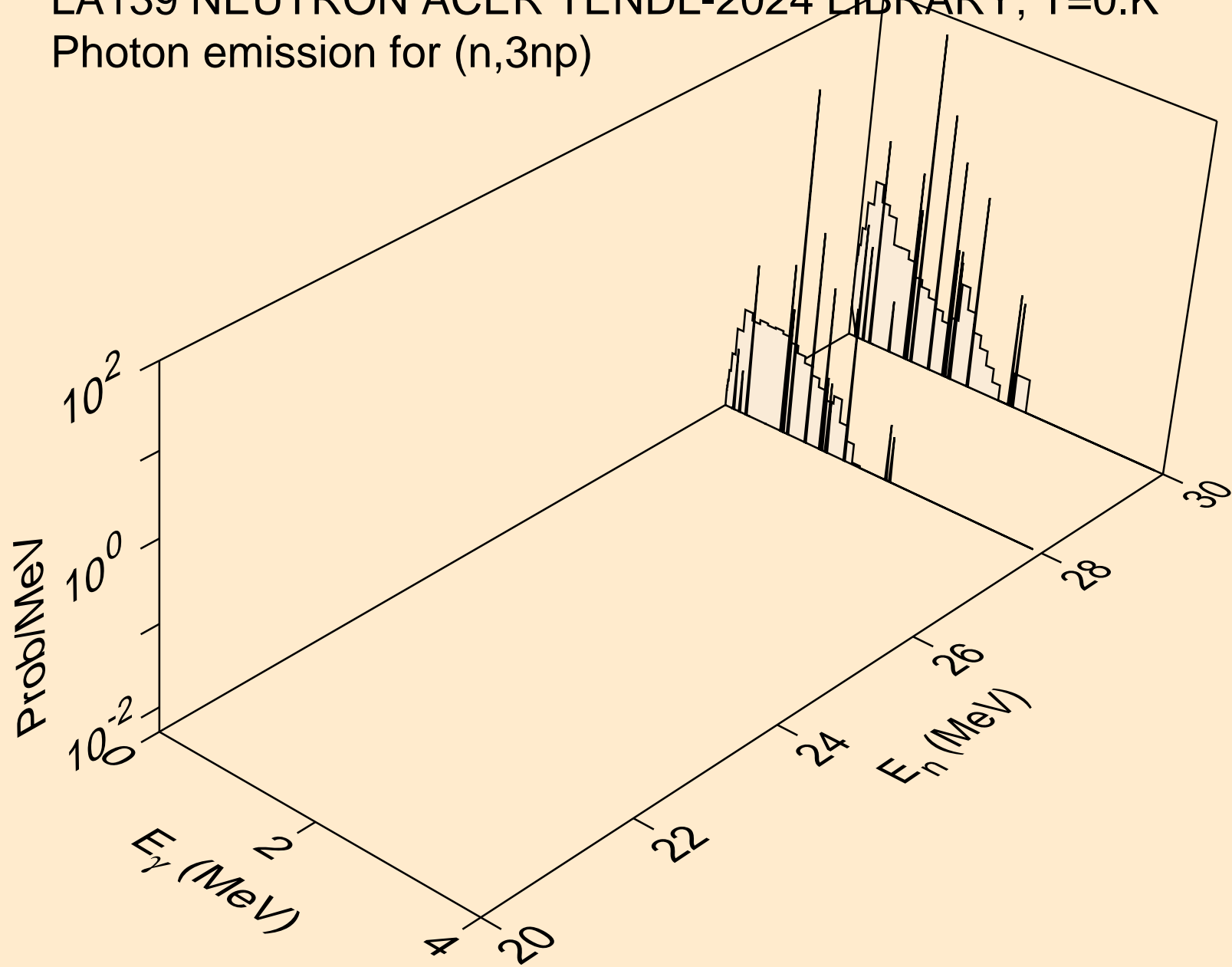
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,4n)



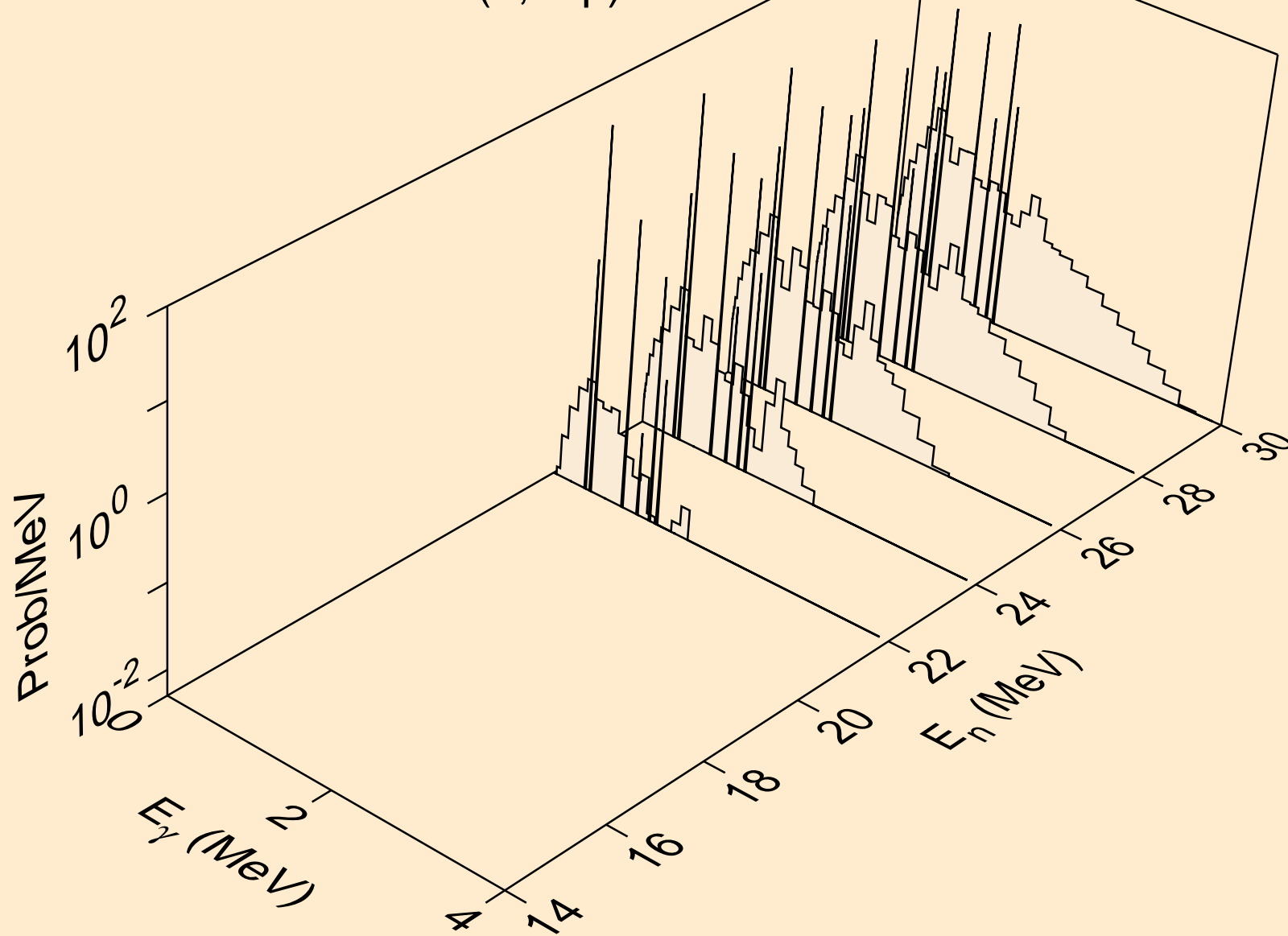
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2np)



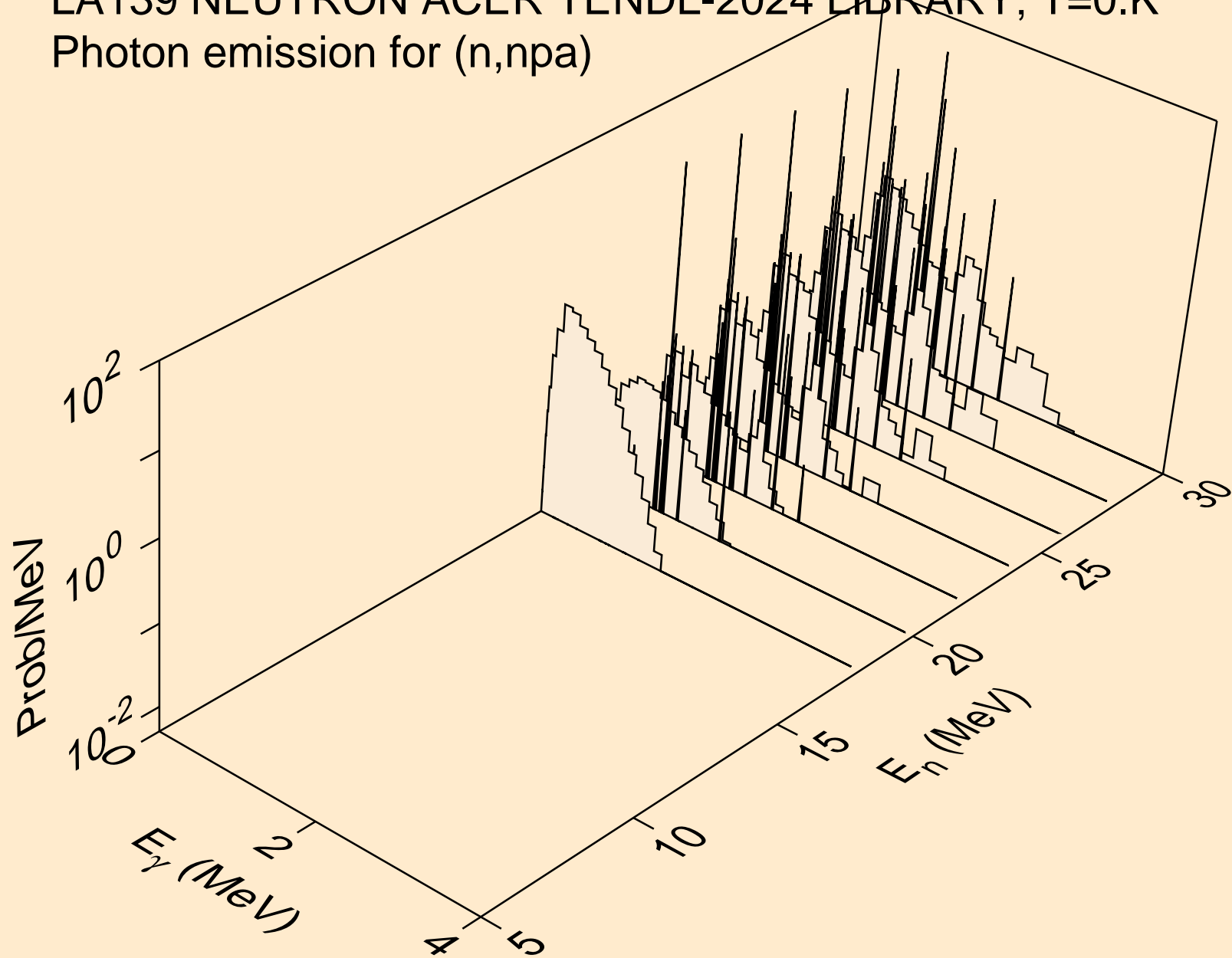
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,3np)



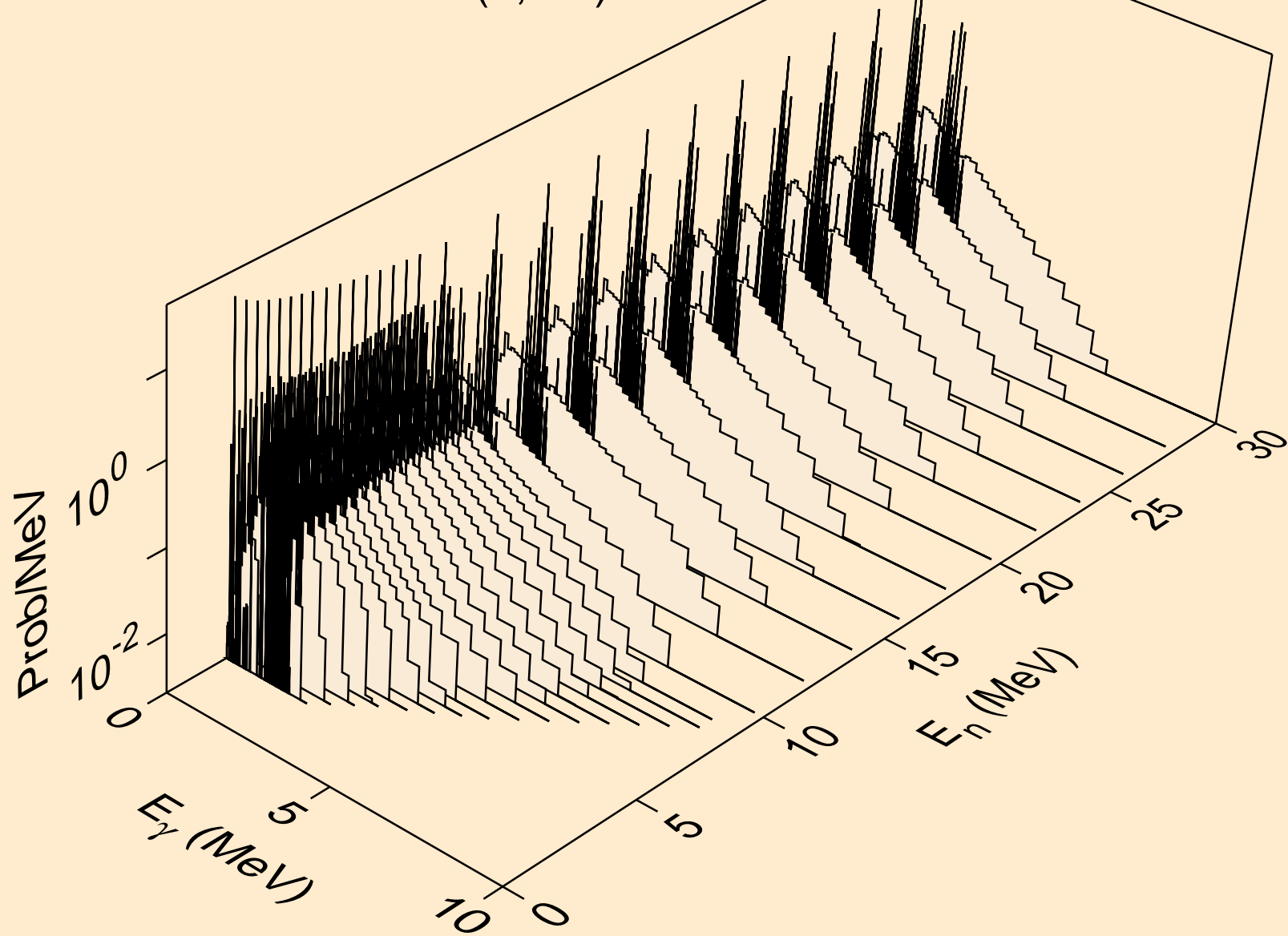
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



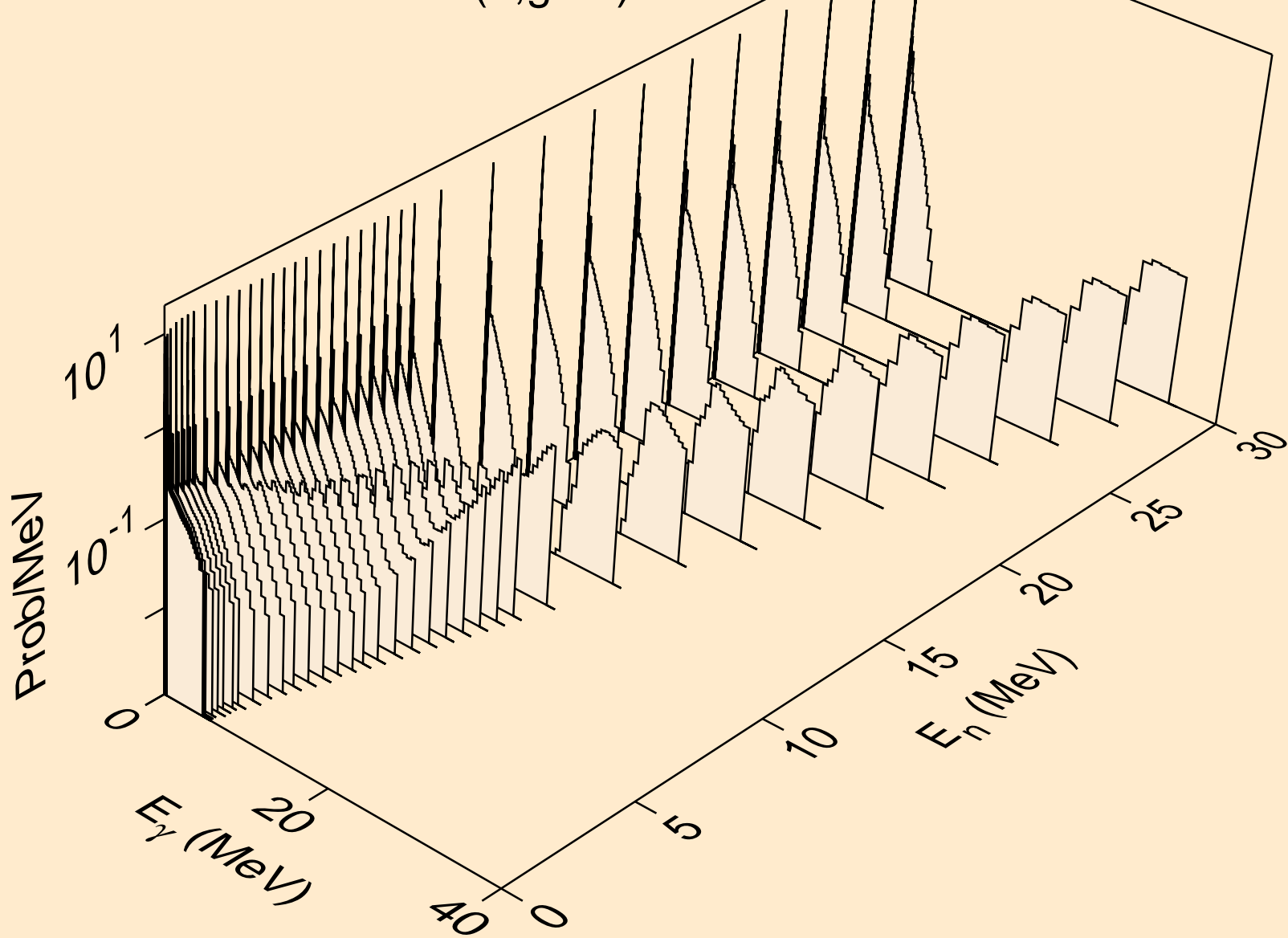
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



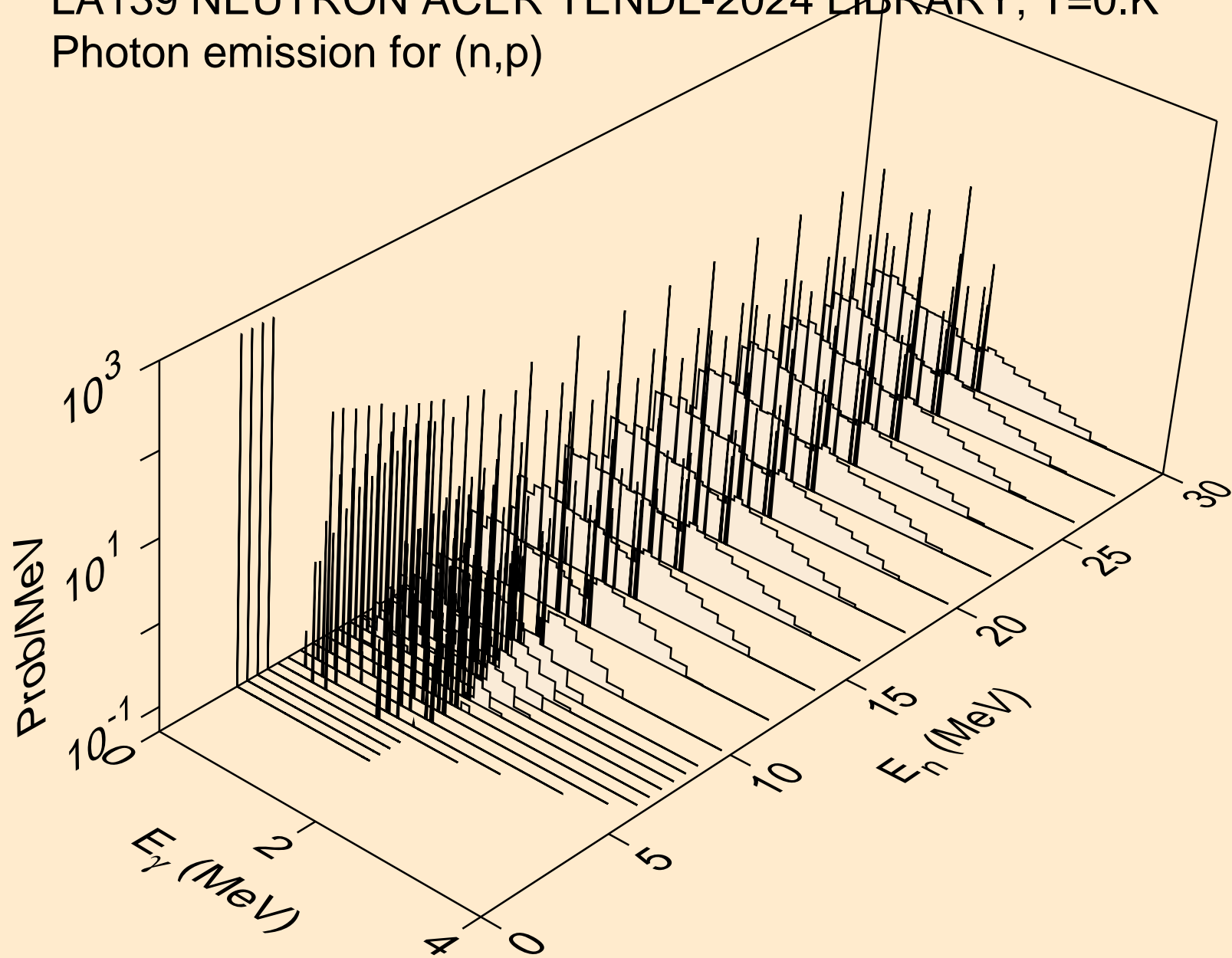
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n*c)



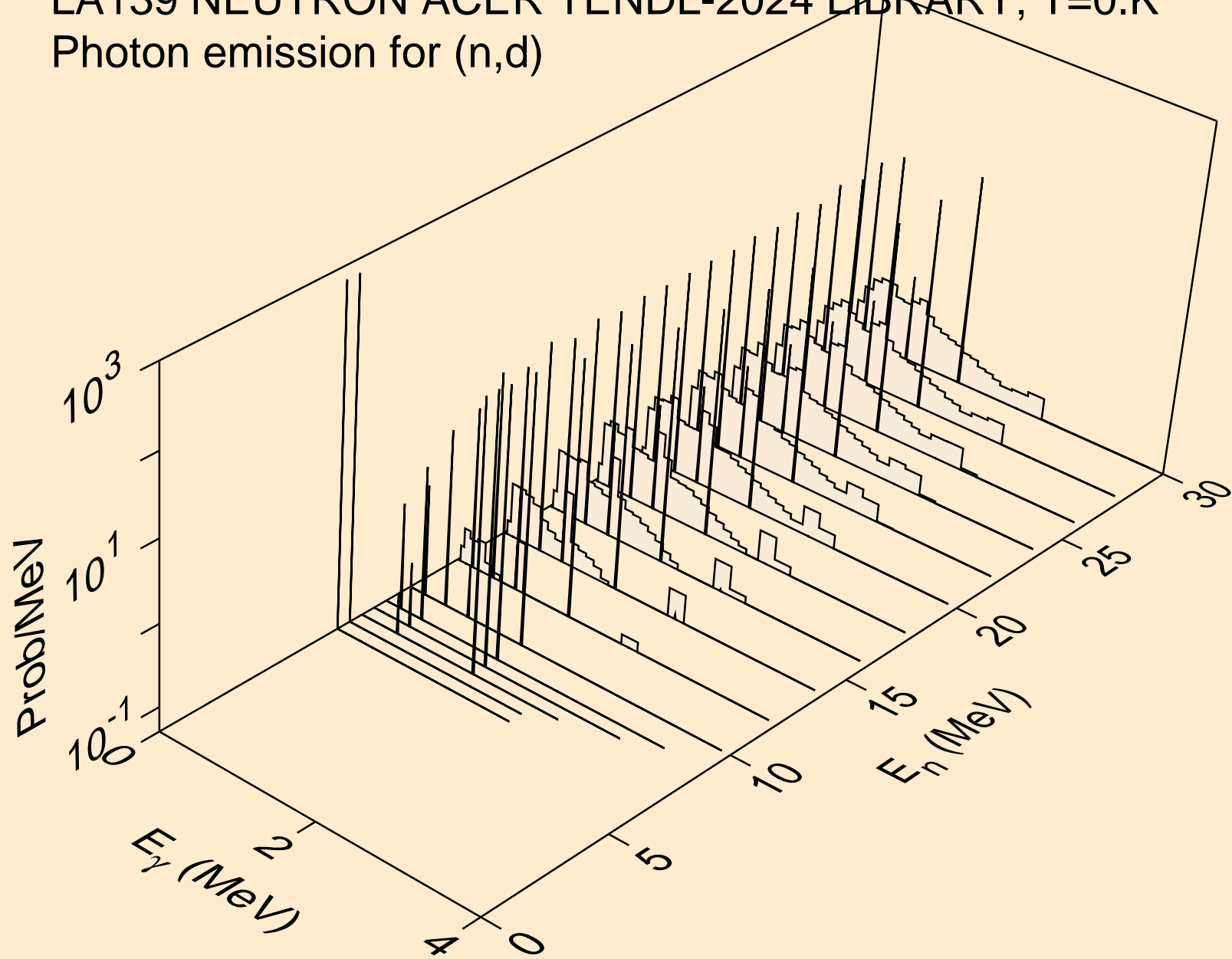
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



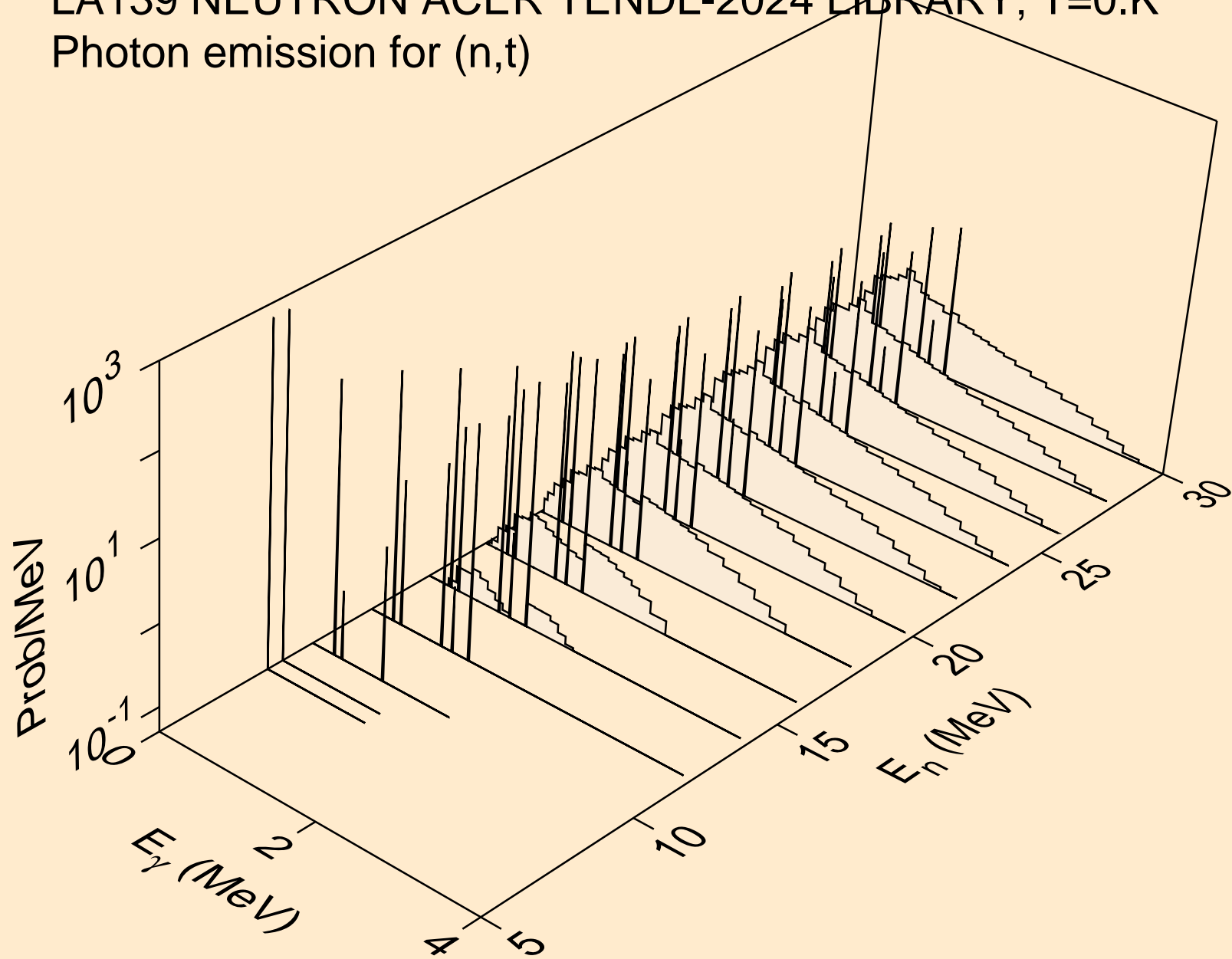
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)



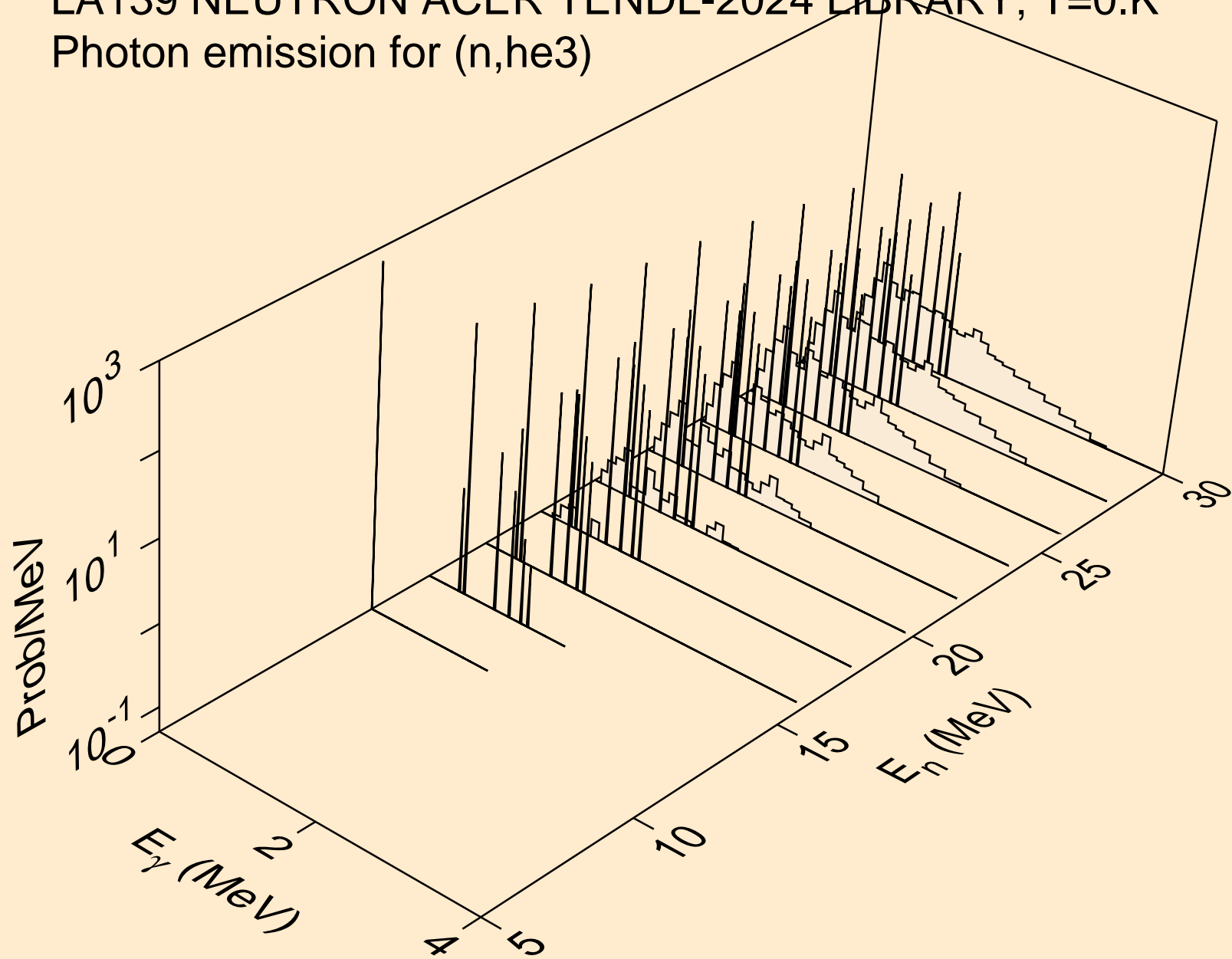
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)



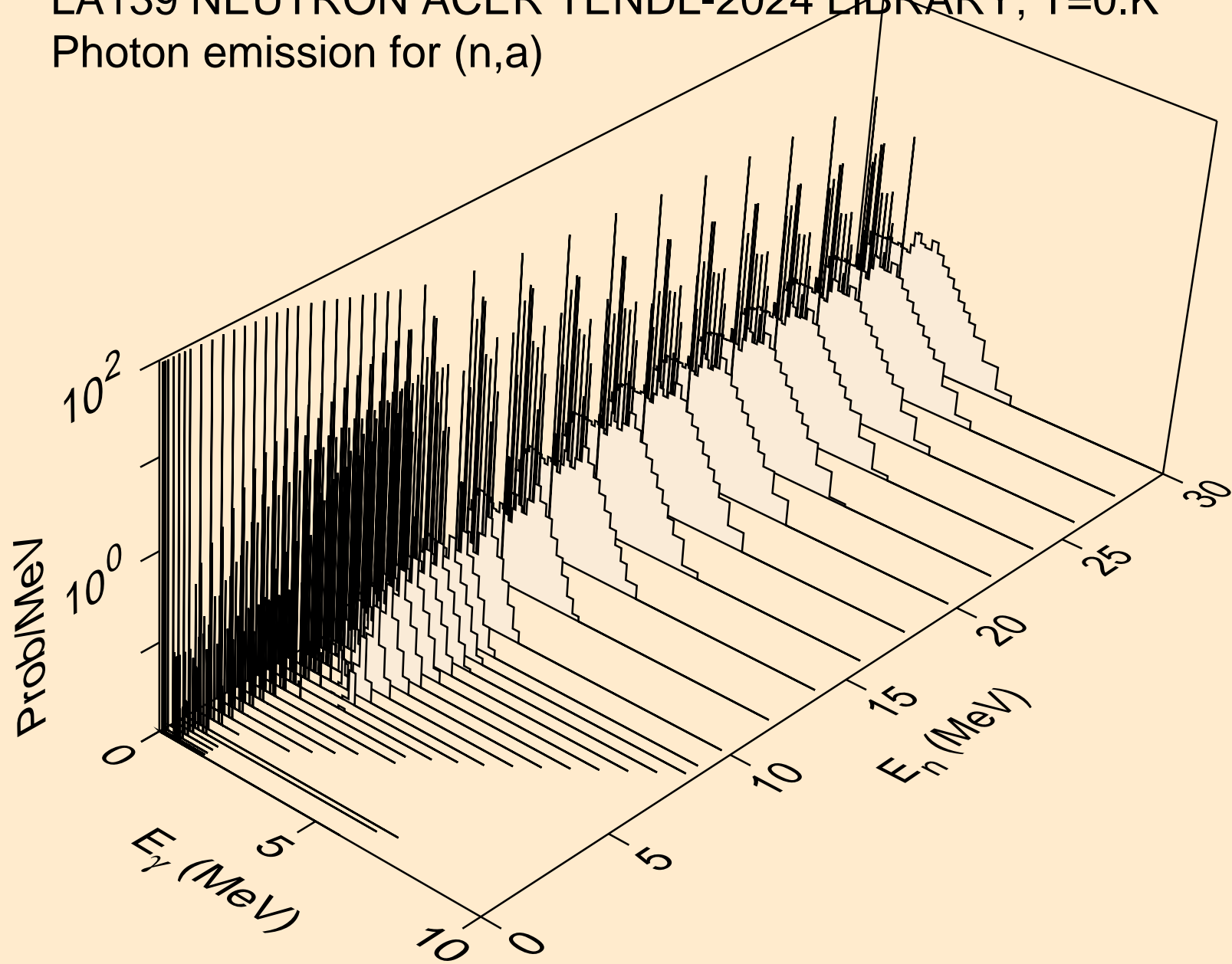
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,t)



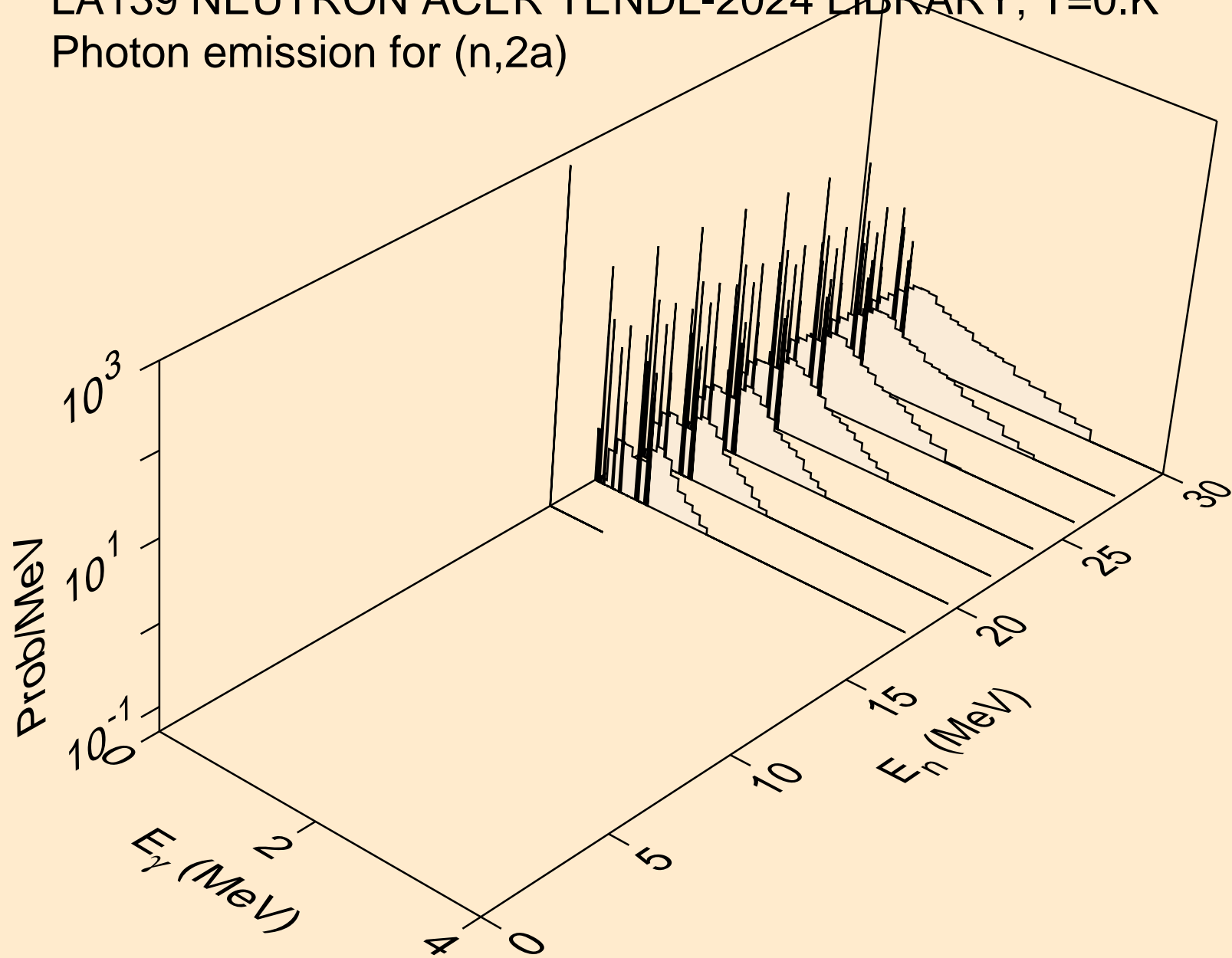
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



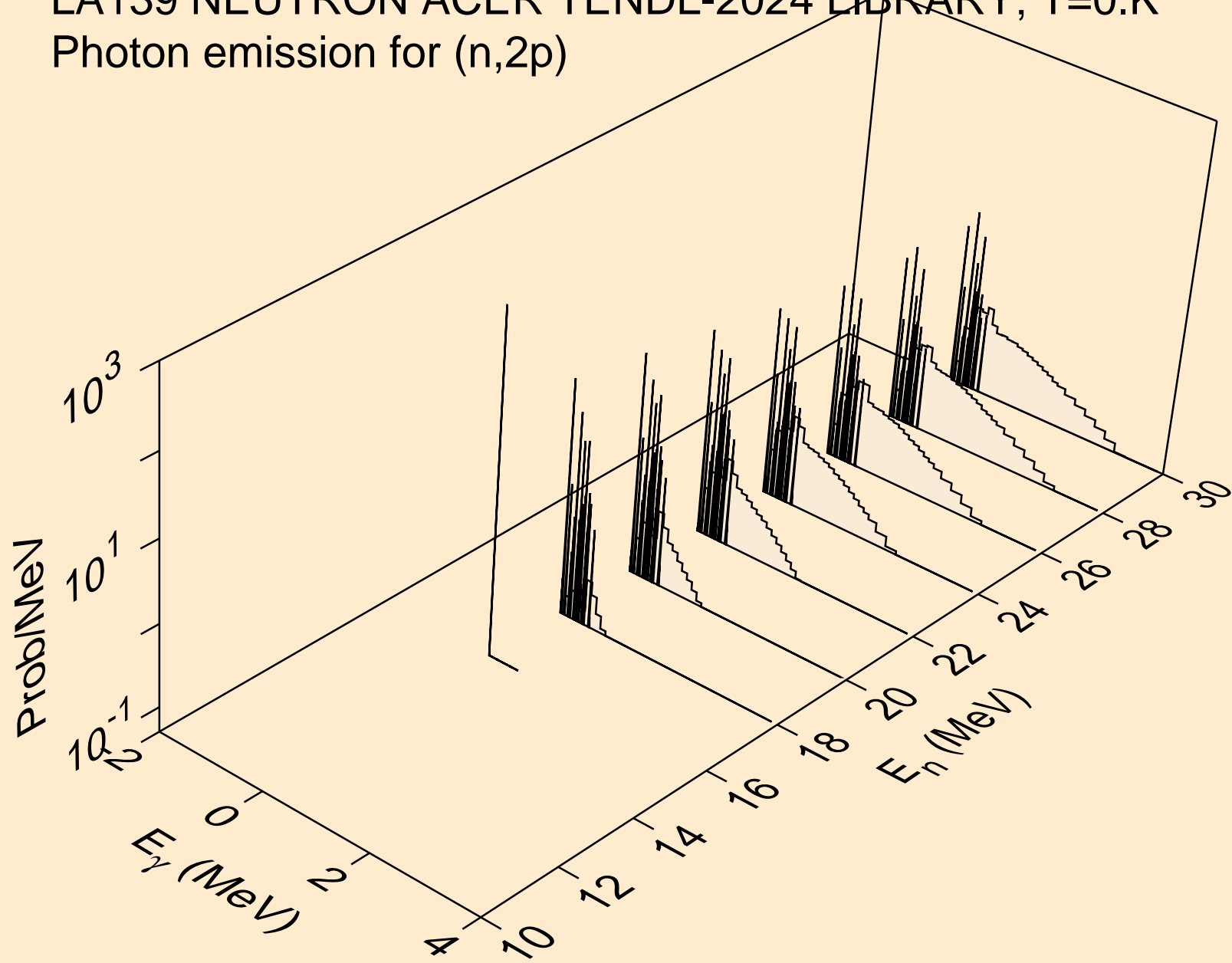
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,a)



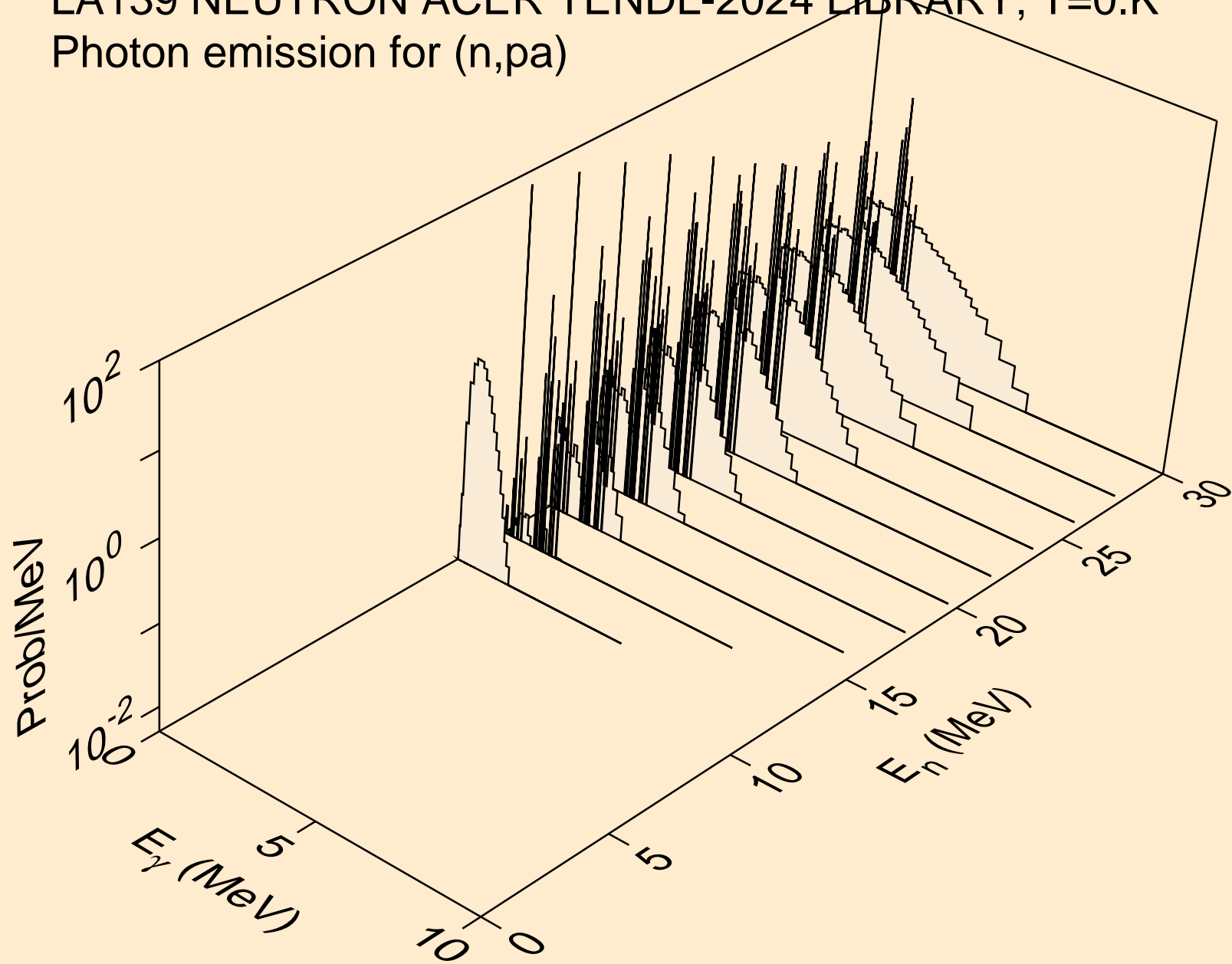
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



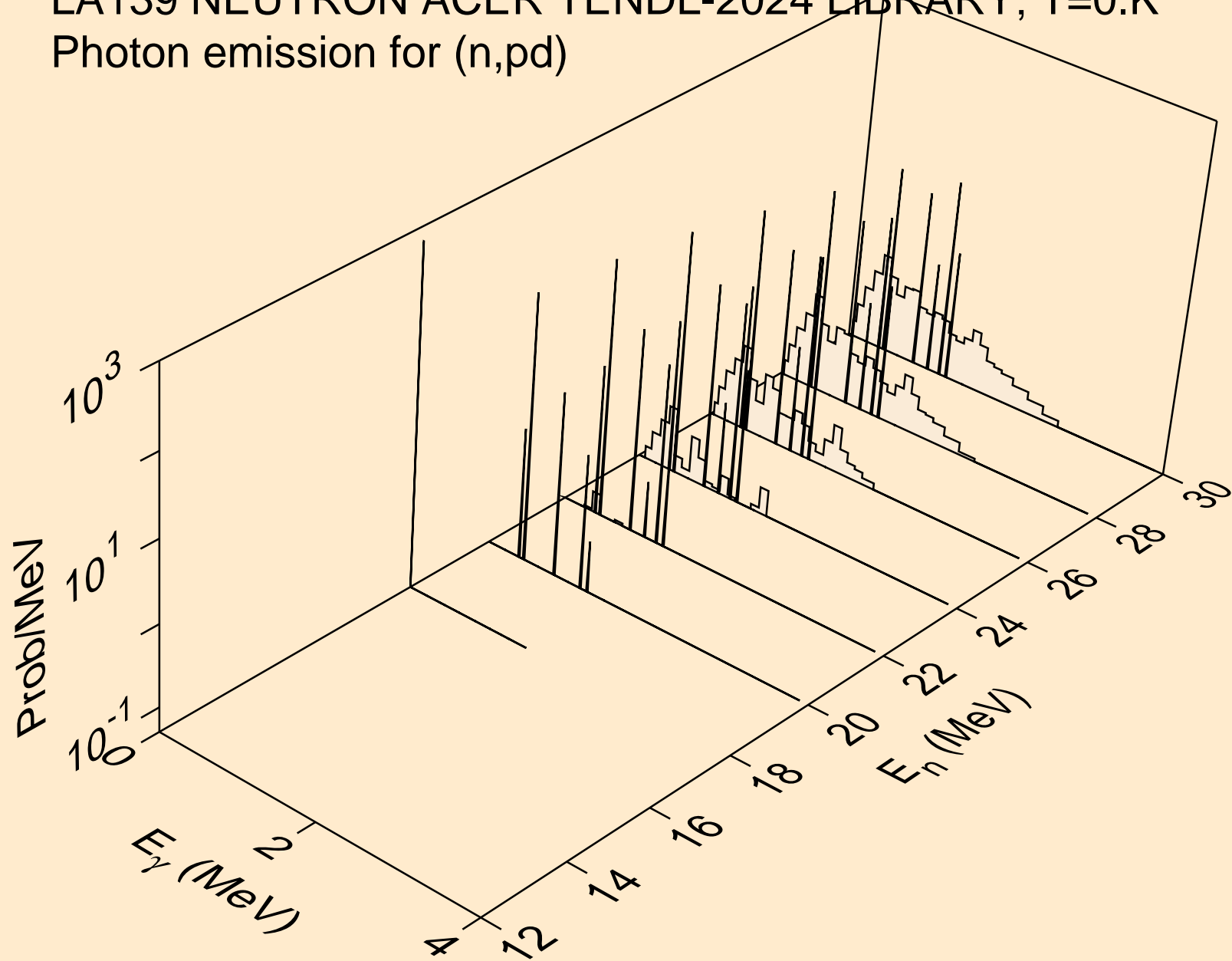
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



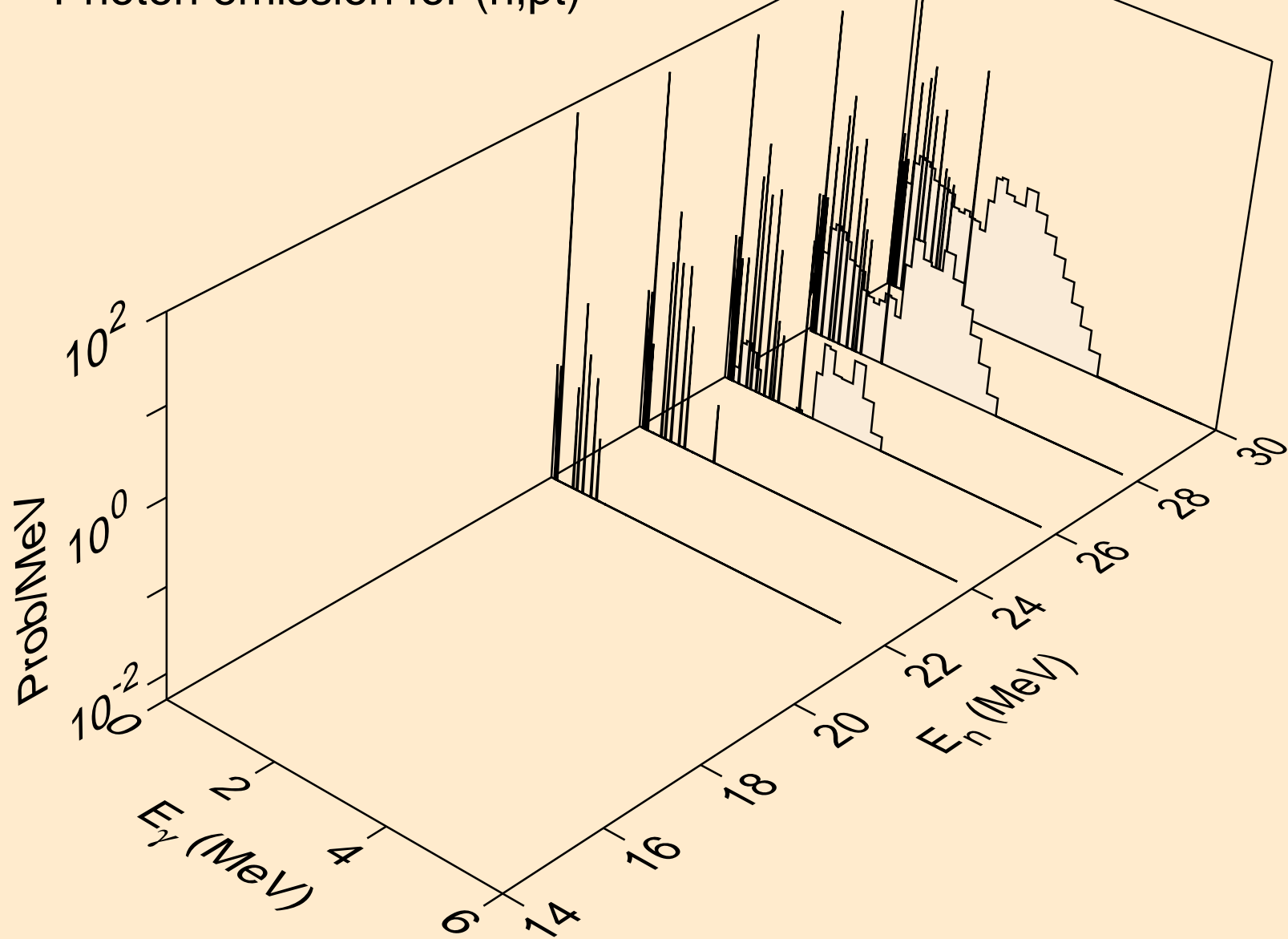
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p α)



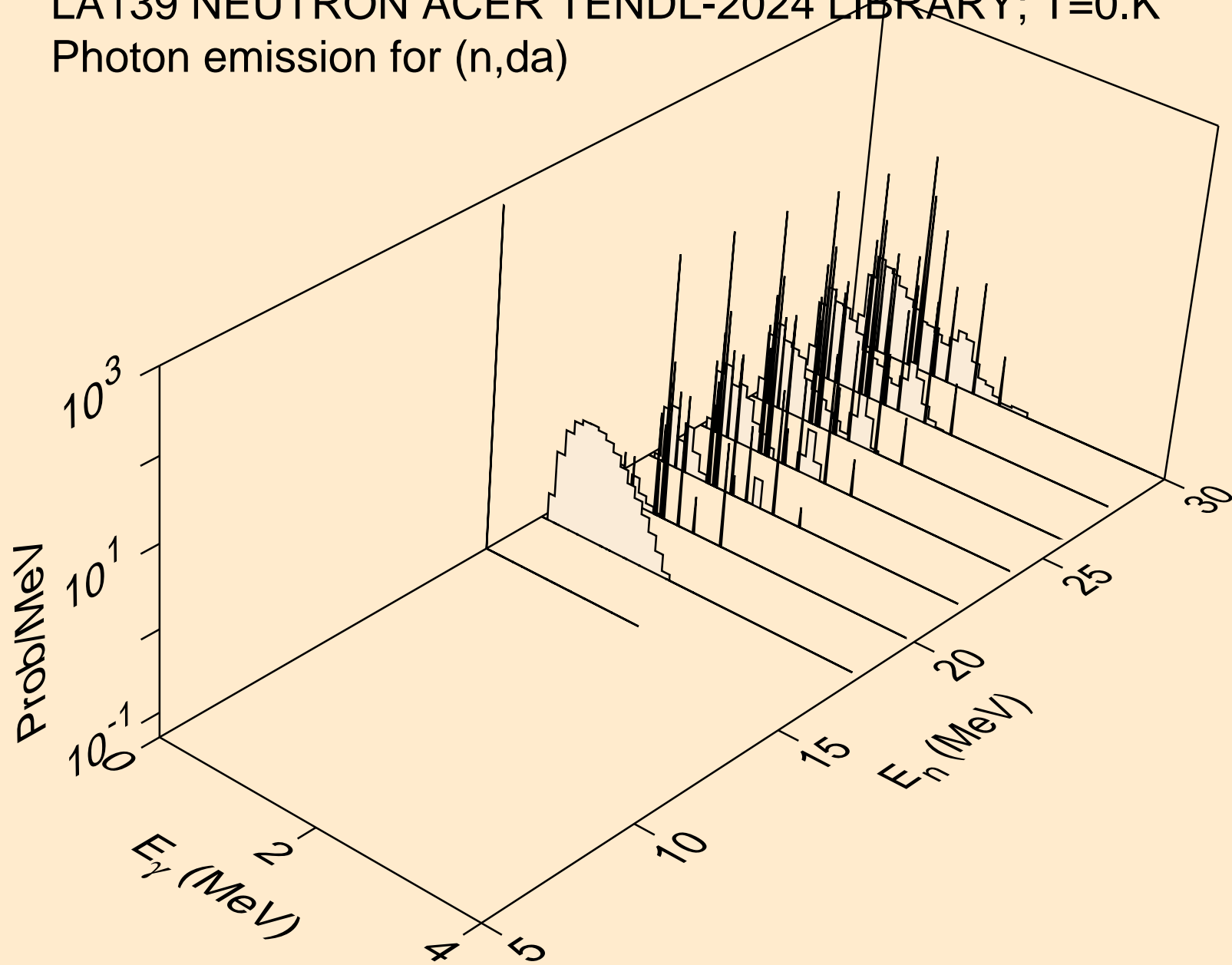
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)



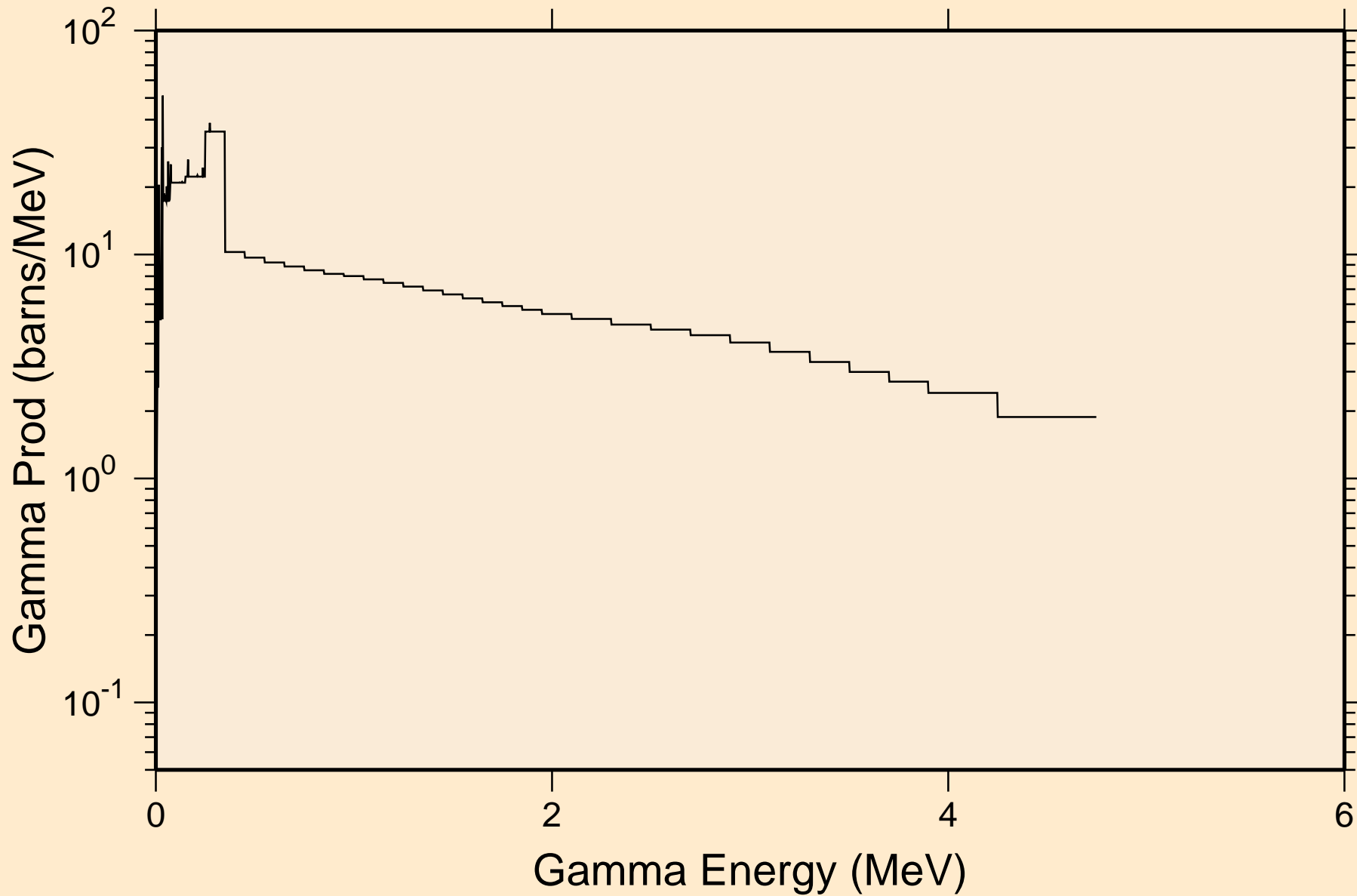
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pt)



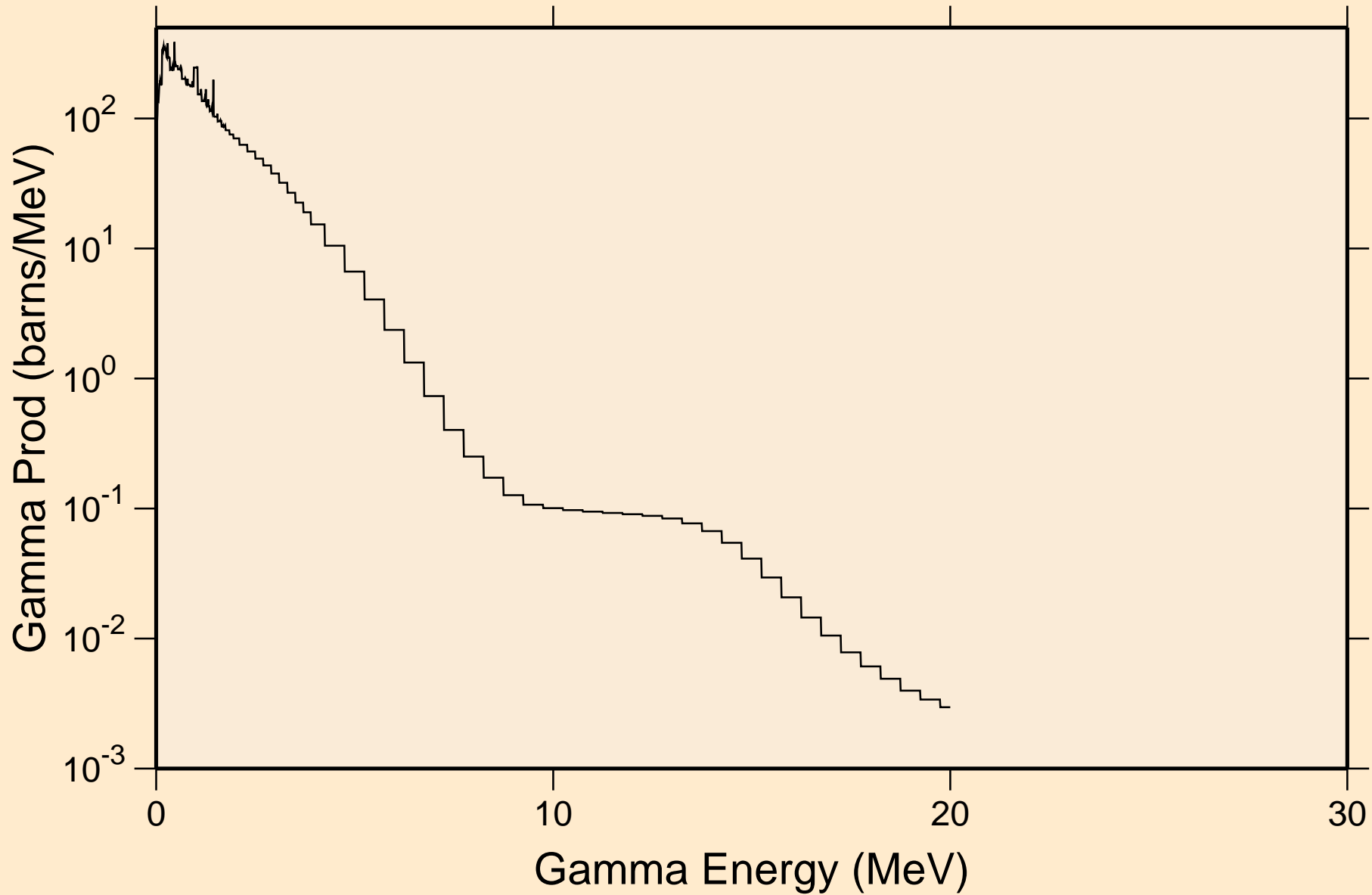
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
thermal capture photon spectrum

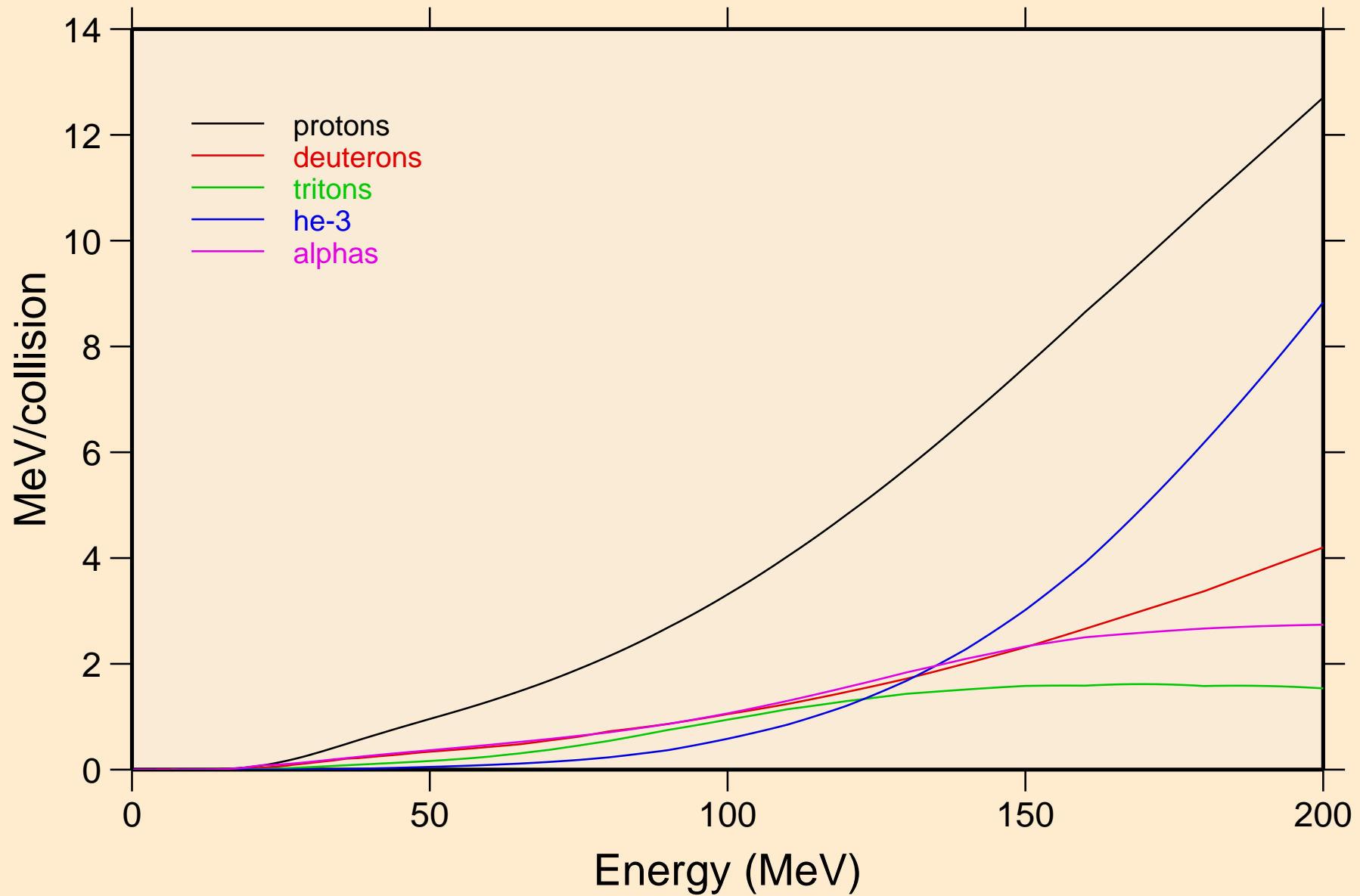


LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
14 MeV photon spectrum

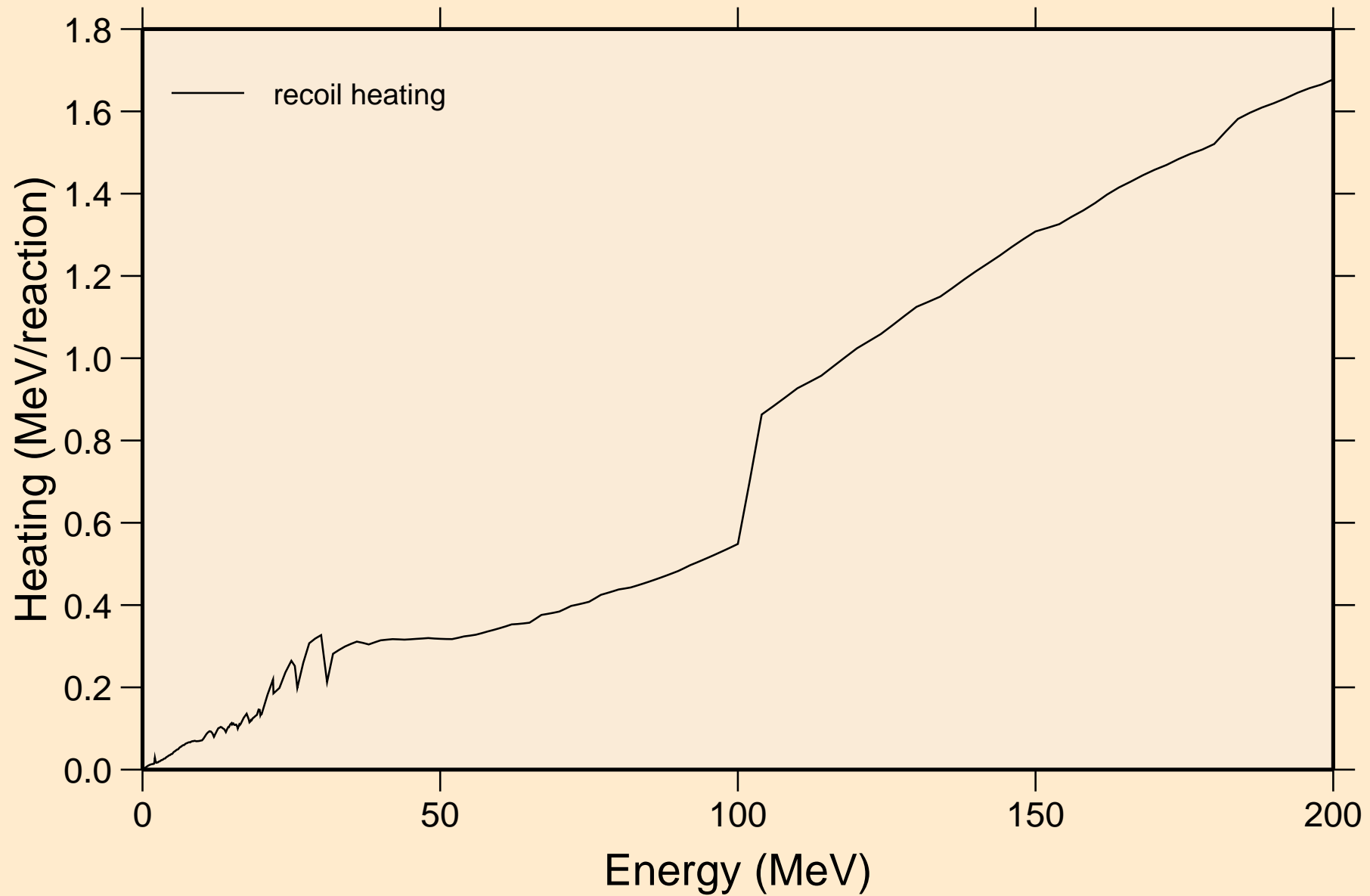


LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K

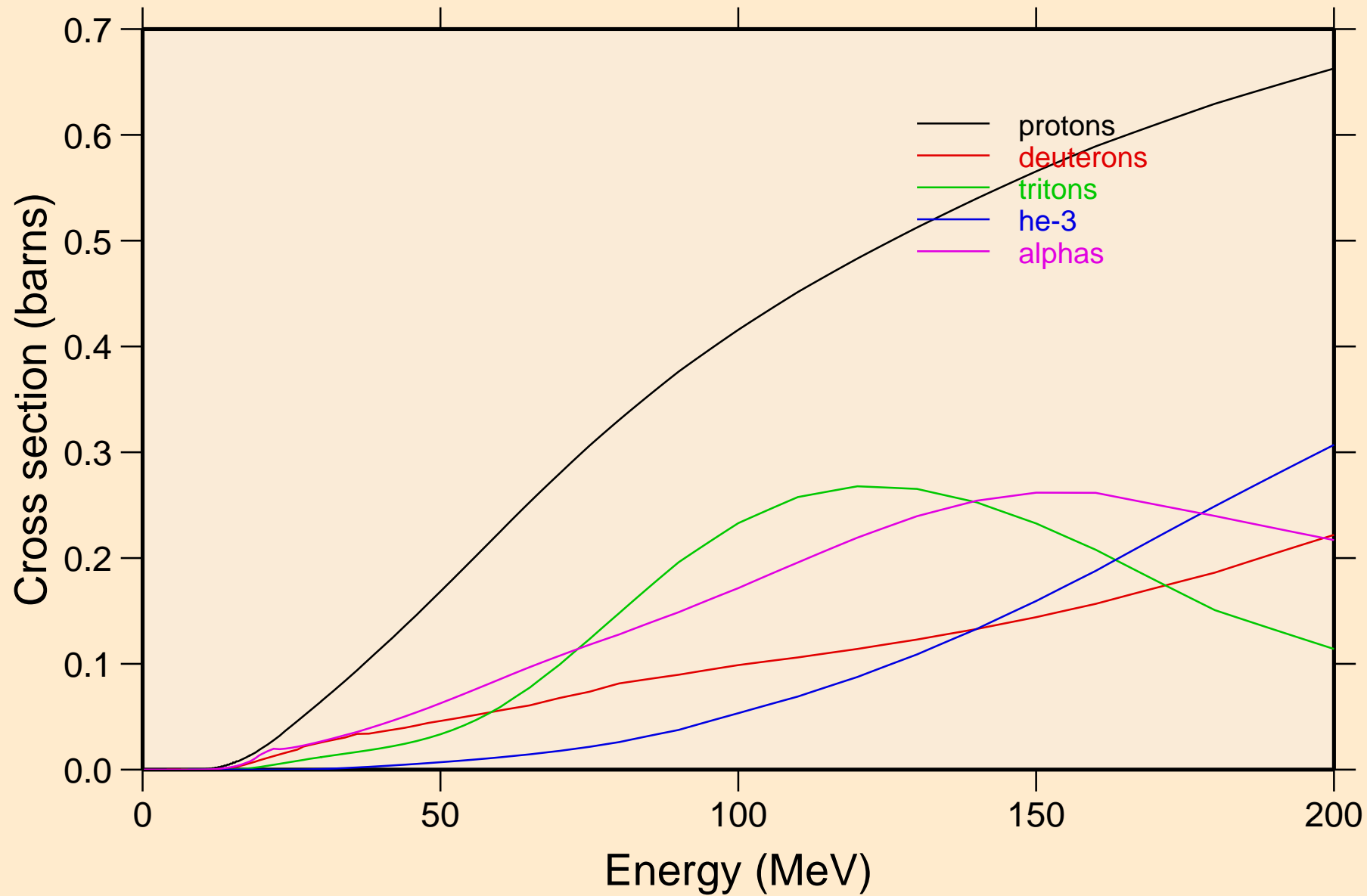
Particle heating contributions



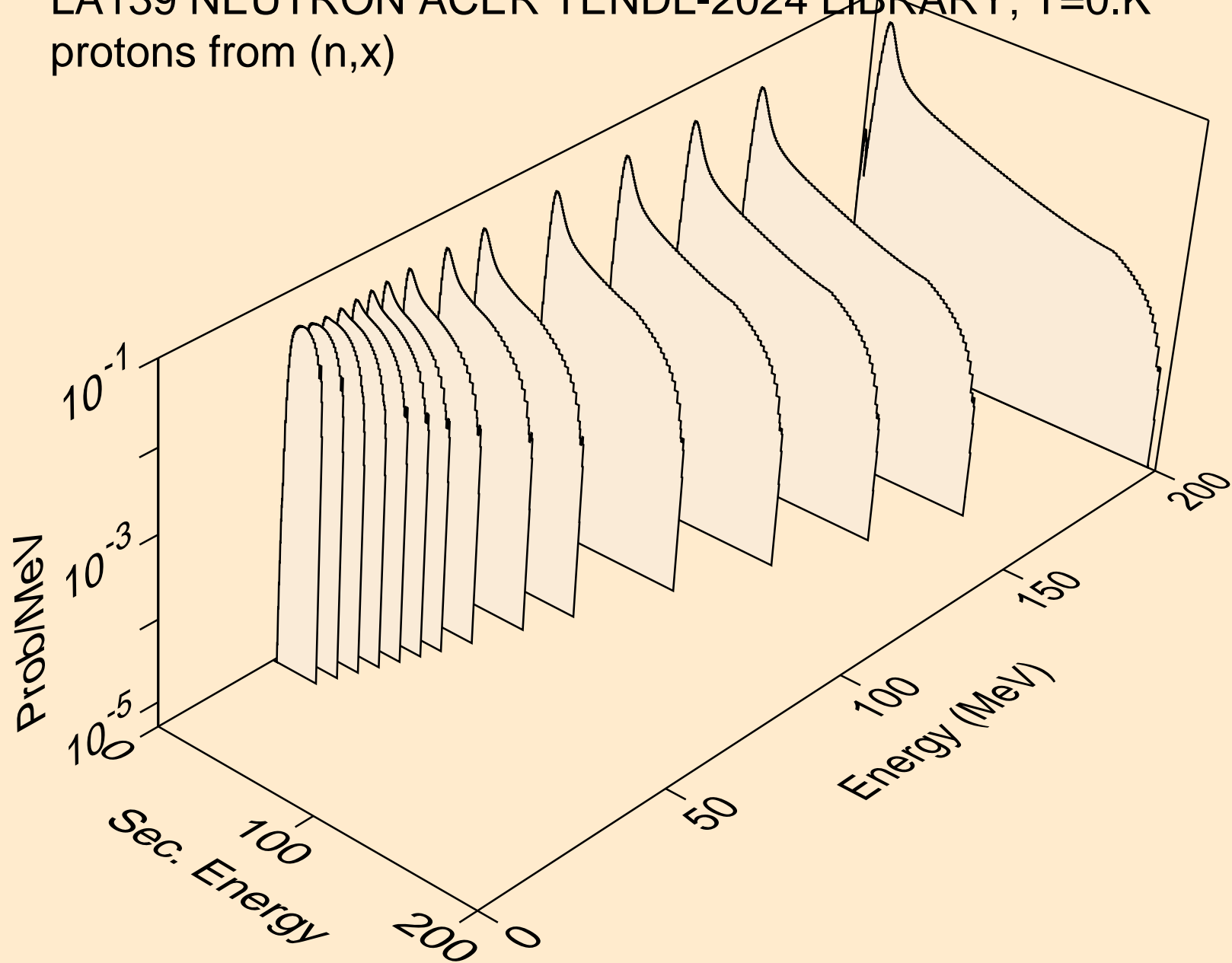
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Recoil Heating



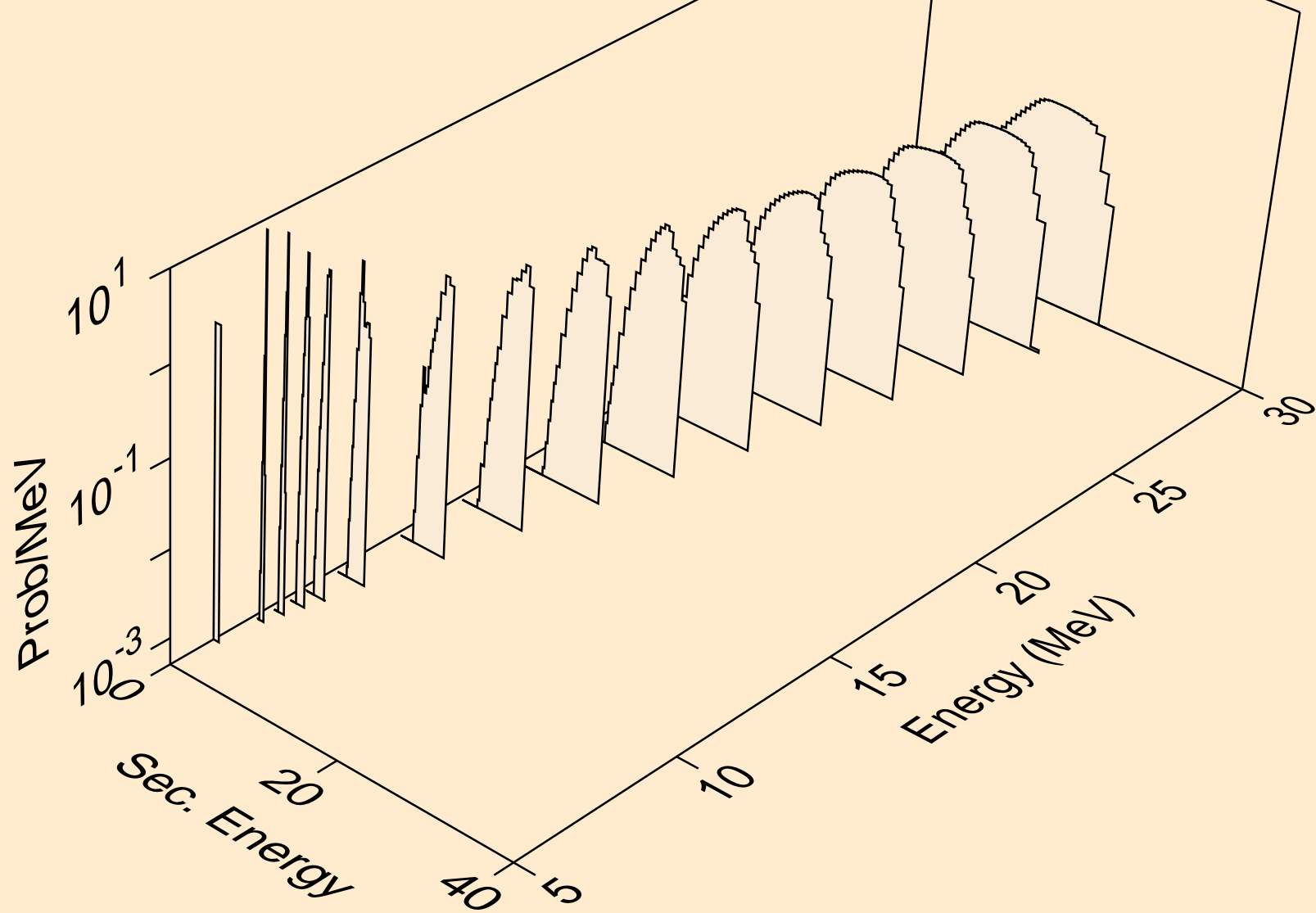
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
Particle production cross sections



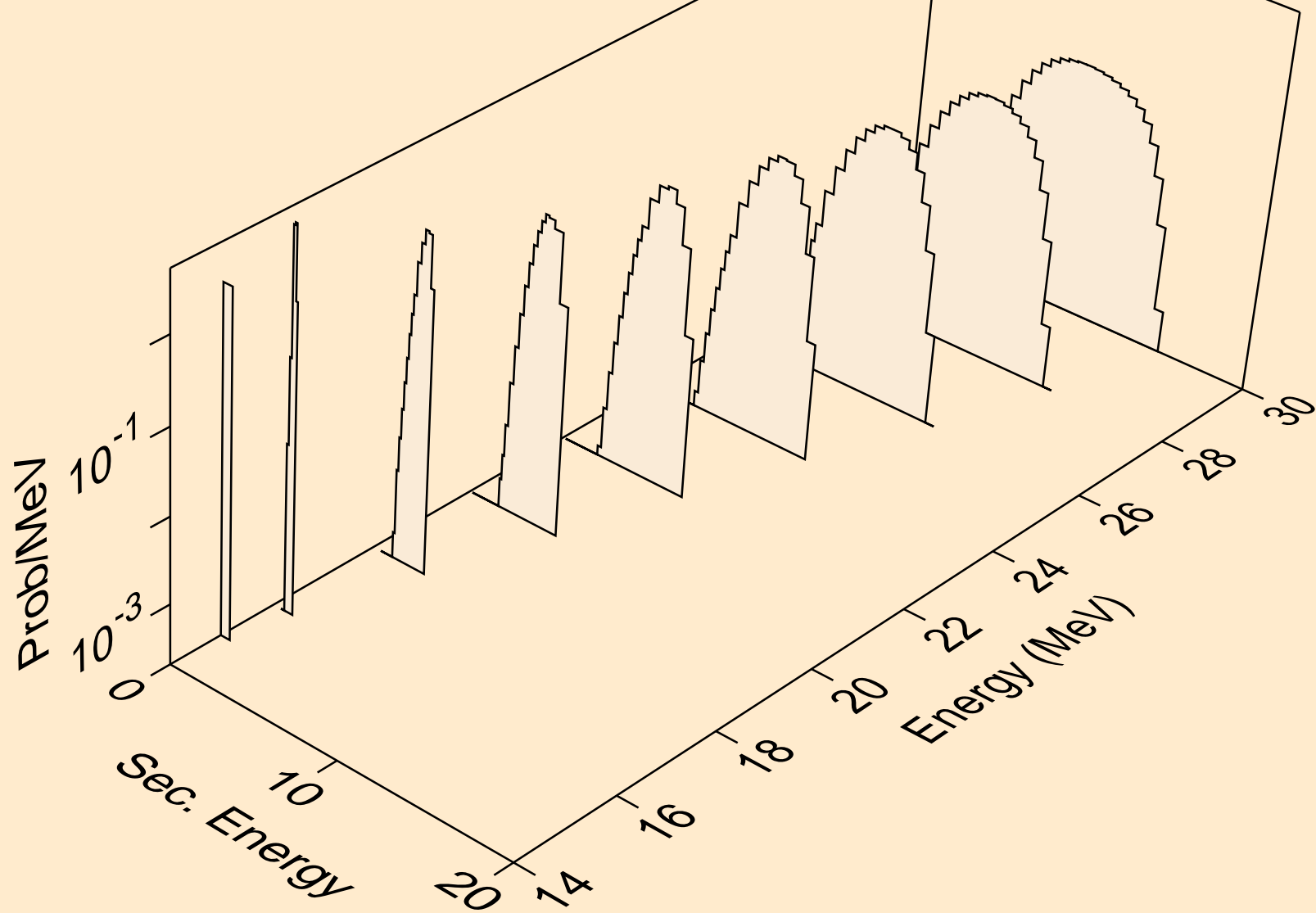
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,x)



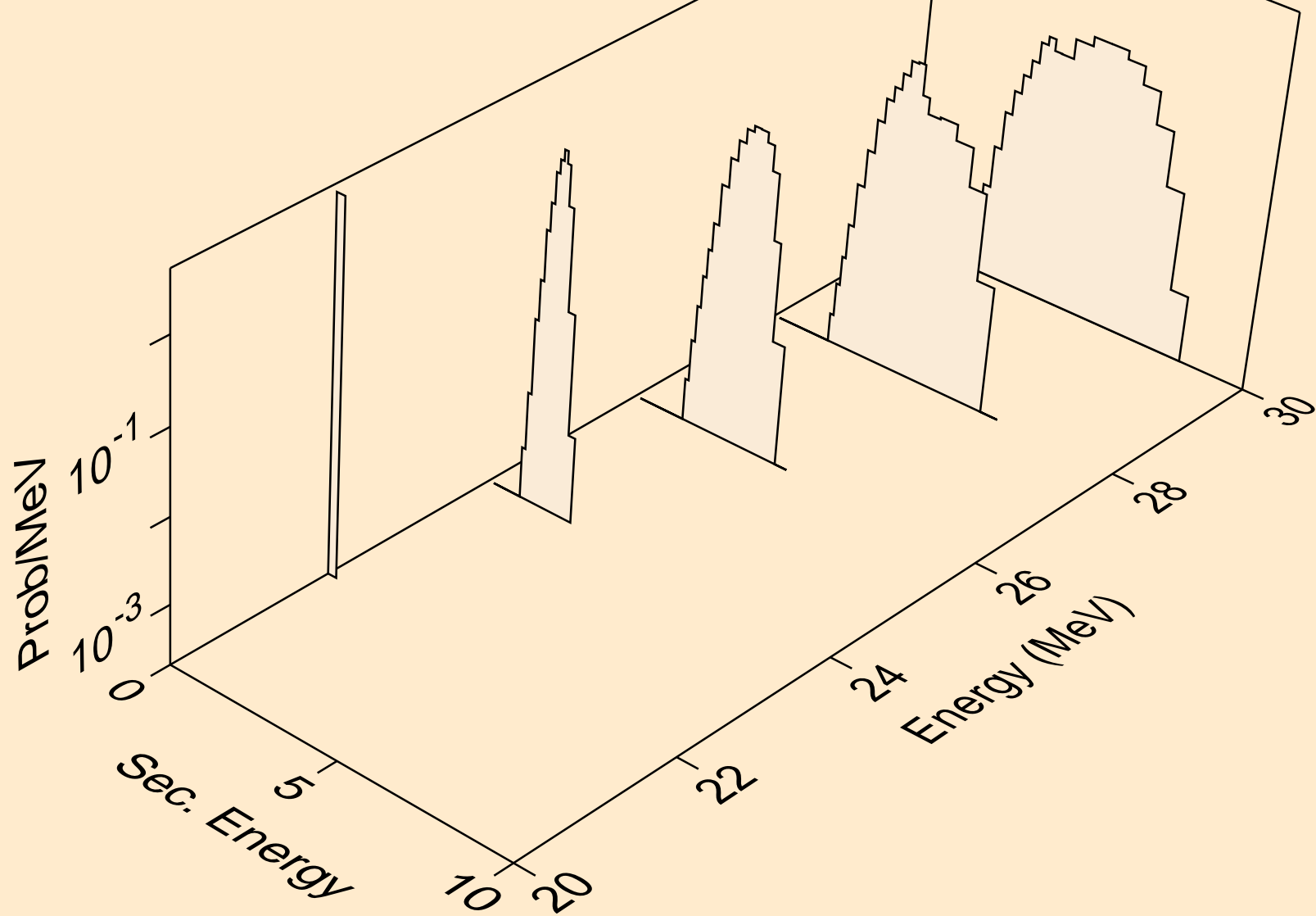
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n*)p



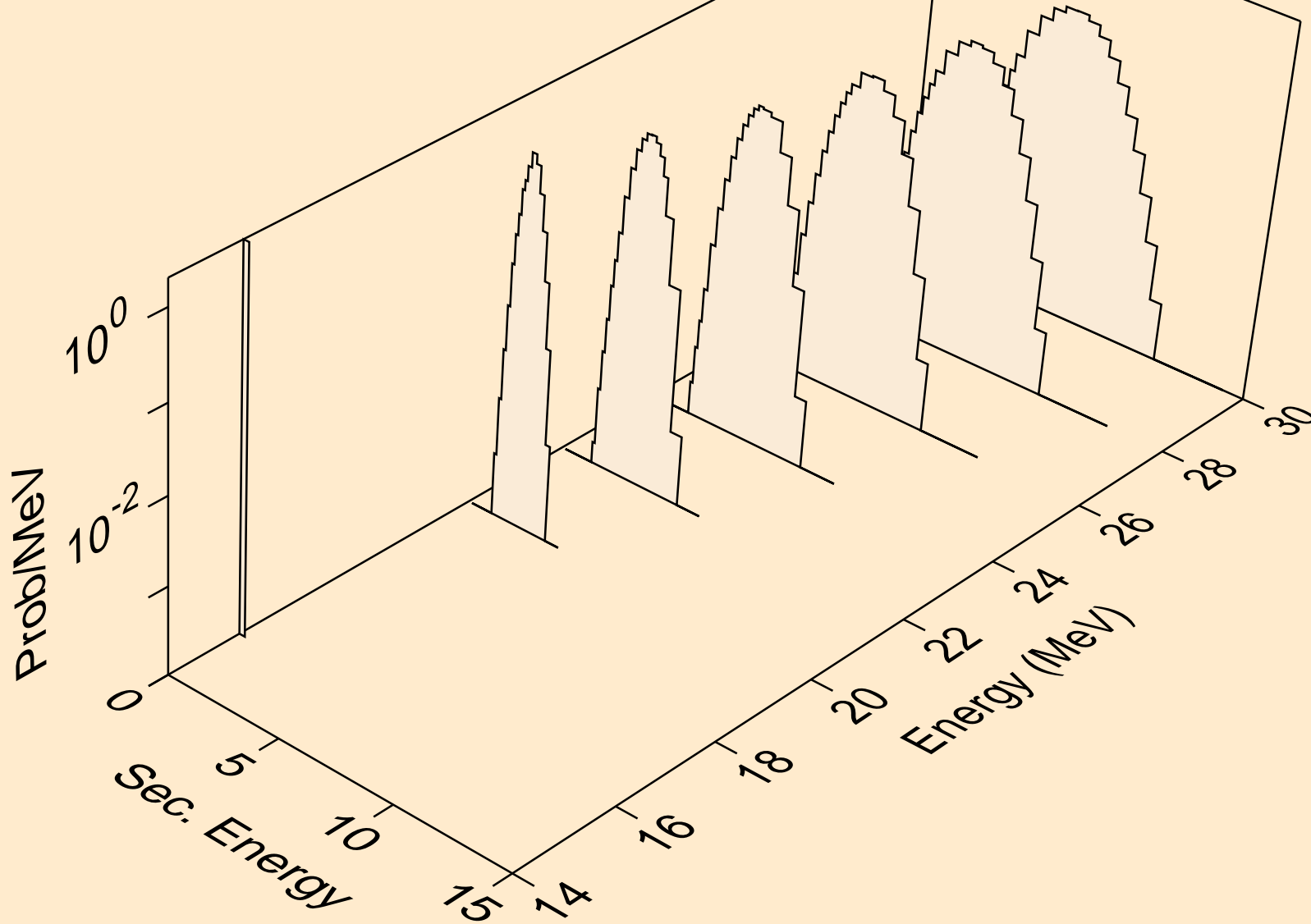
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2np)



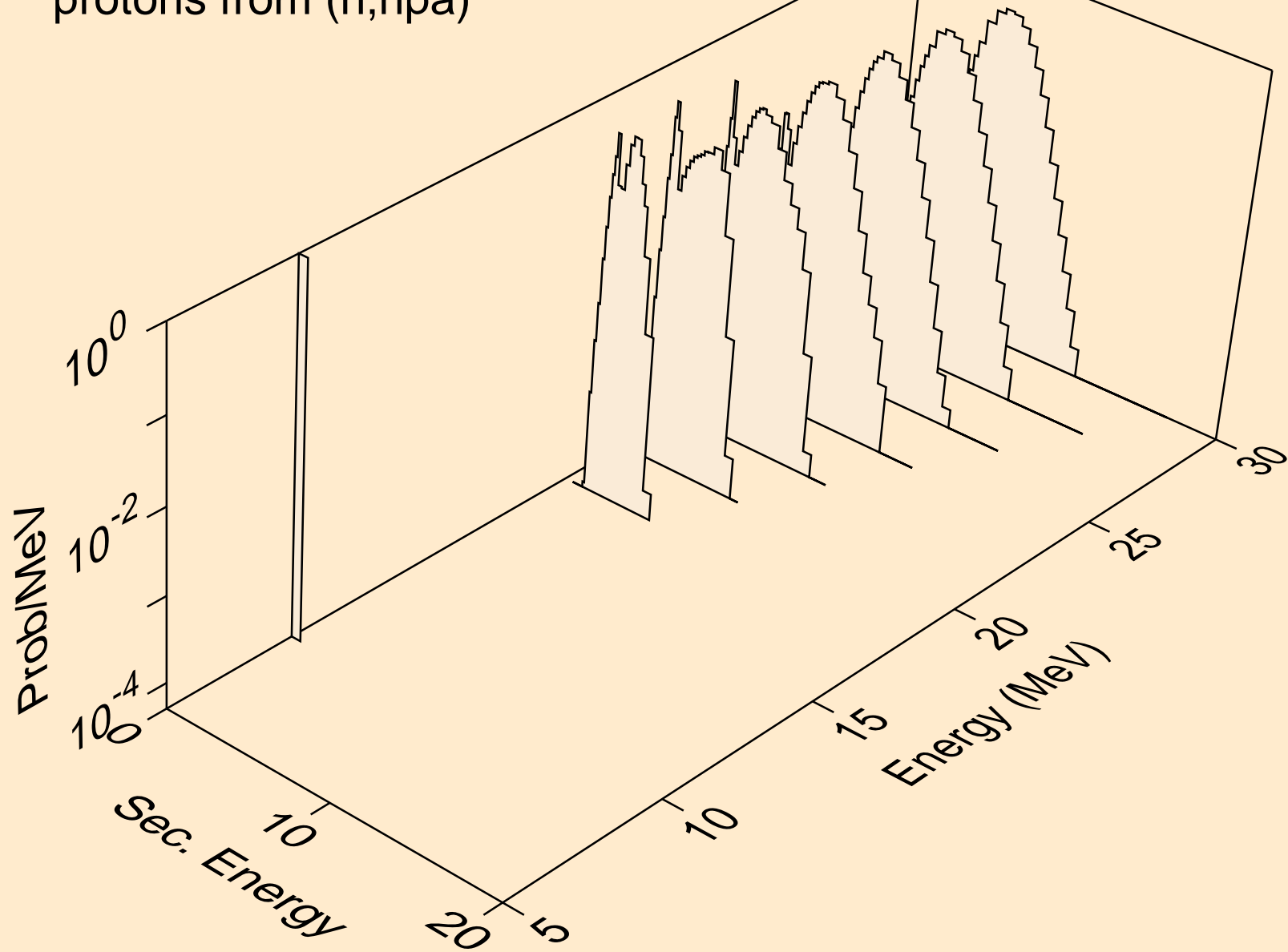
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,3np)



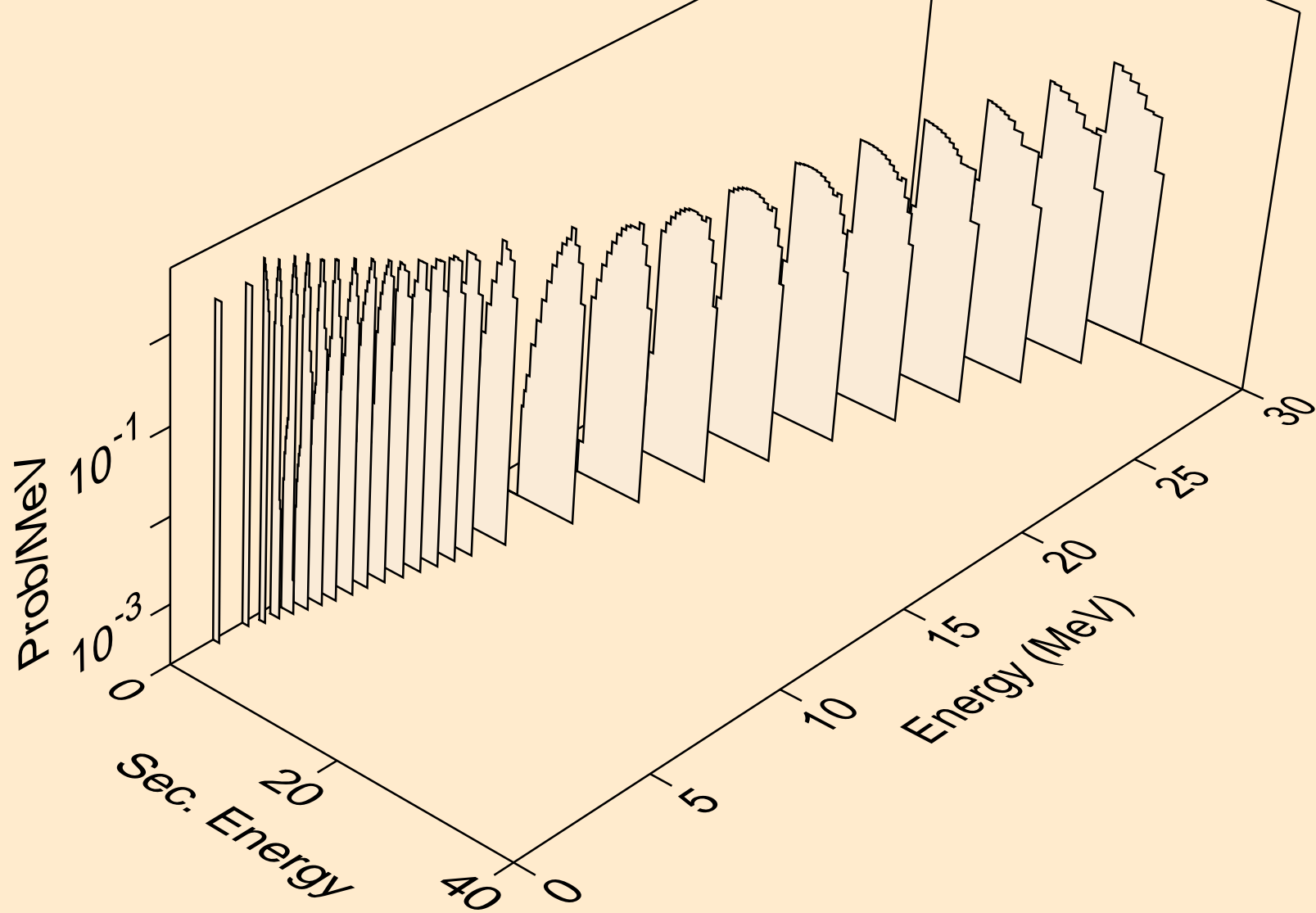
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,n2p)



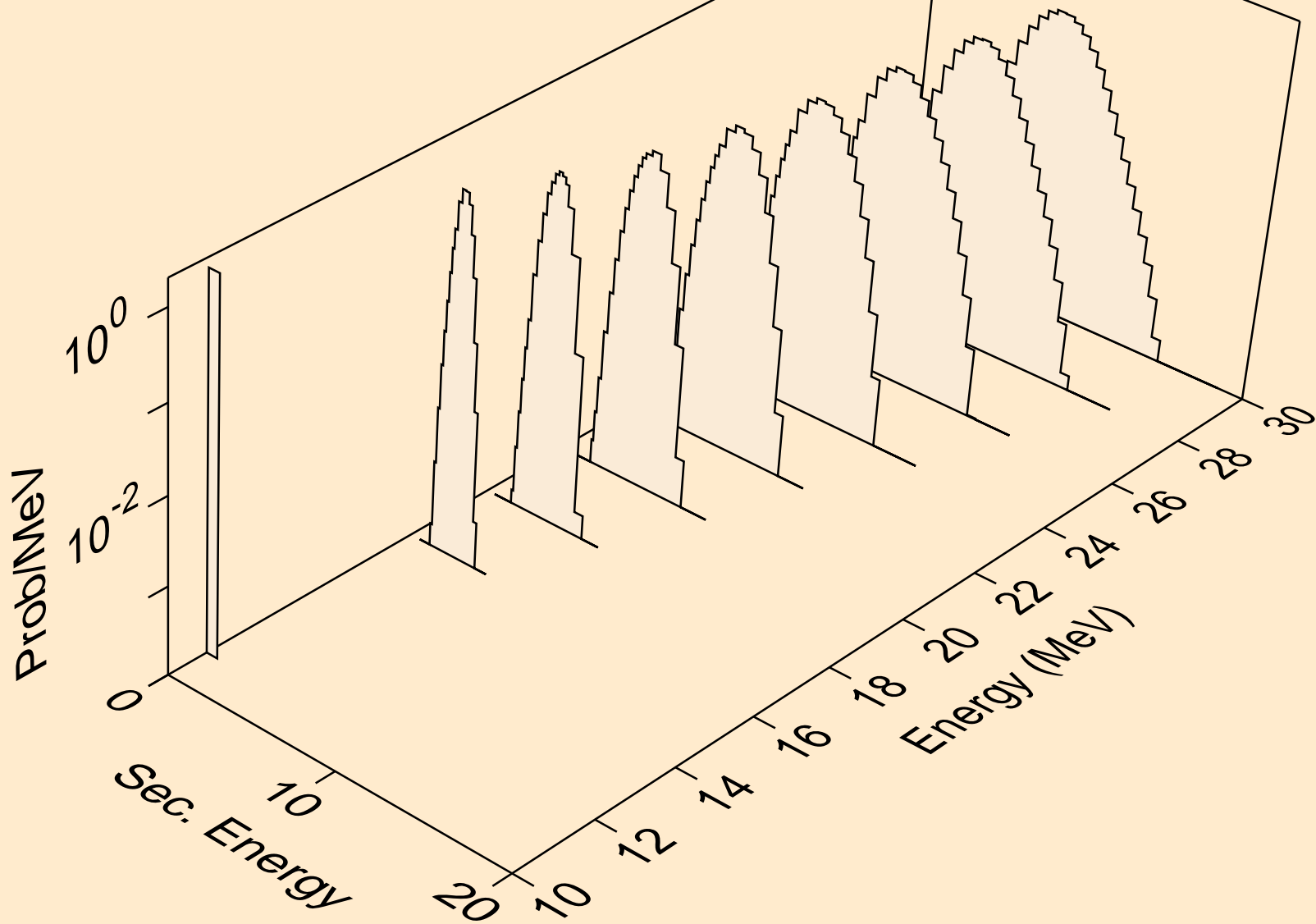
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,npa)



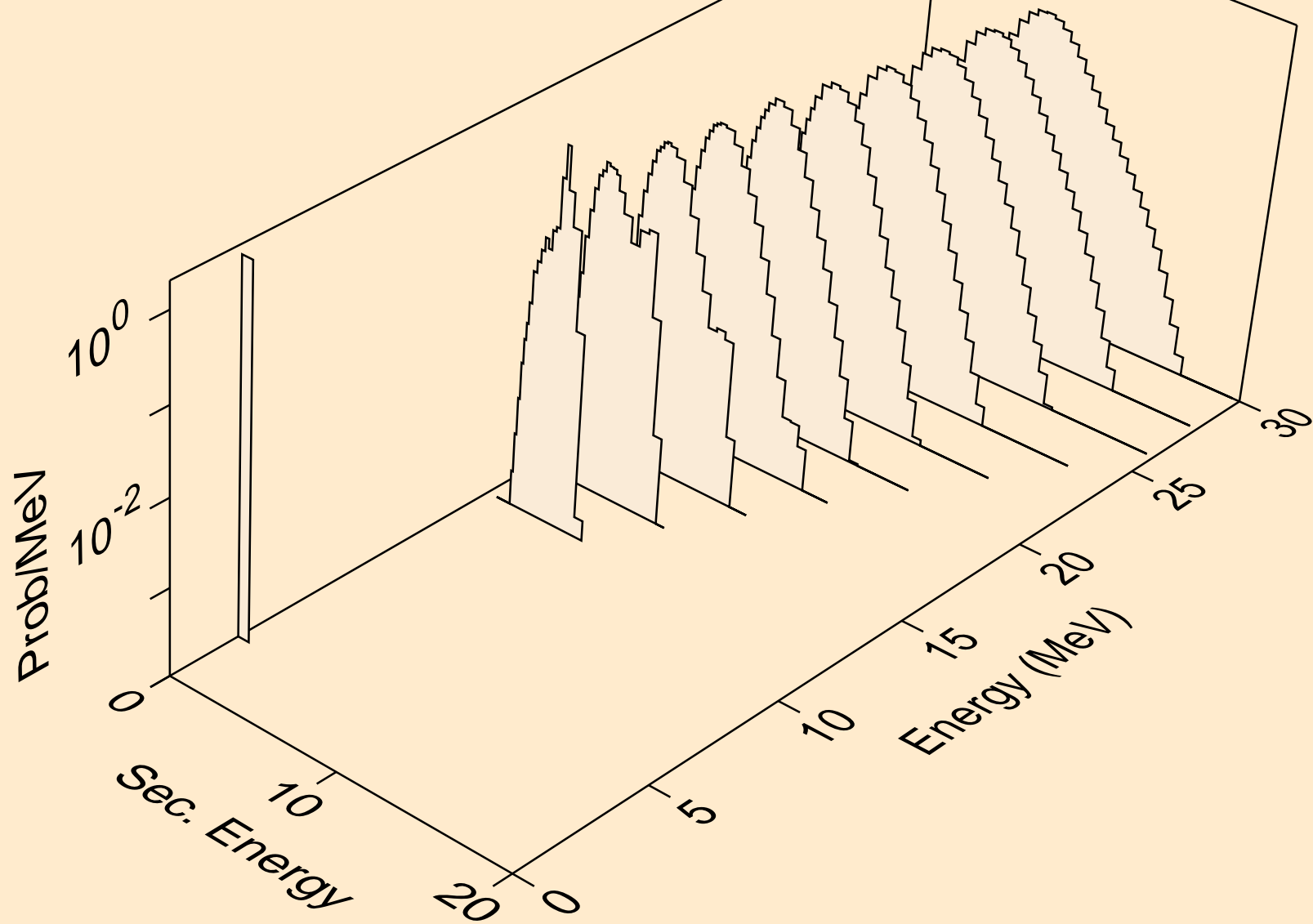
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



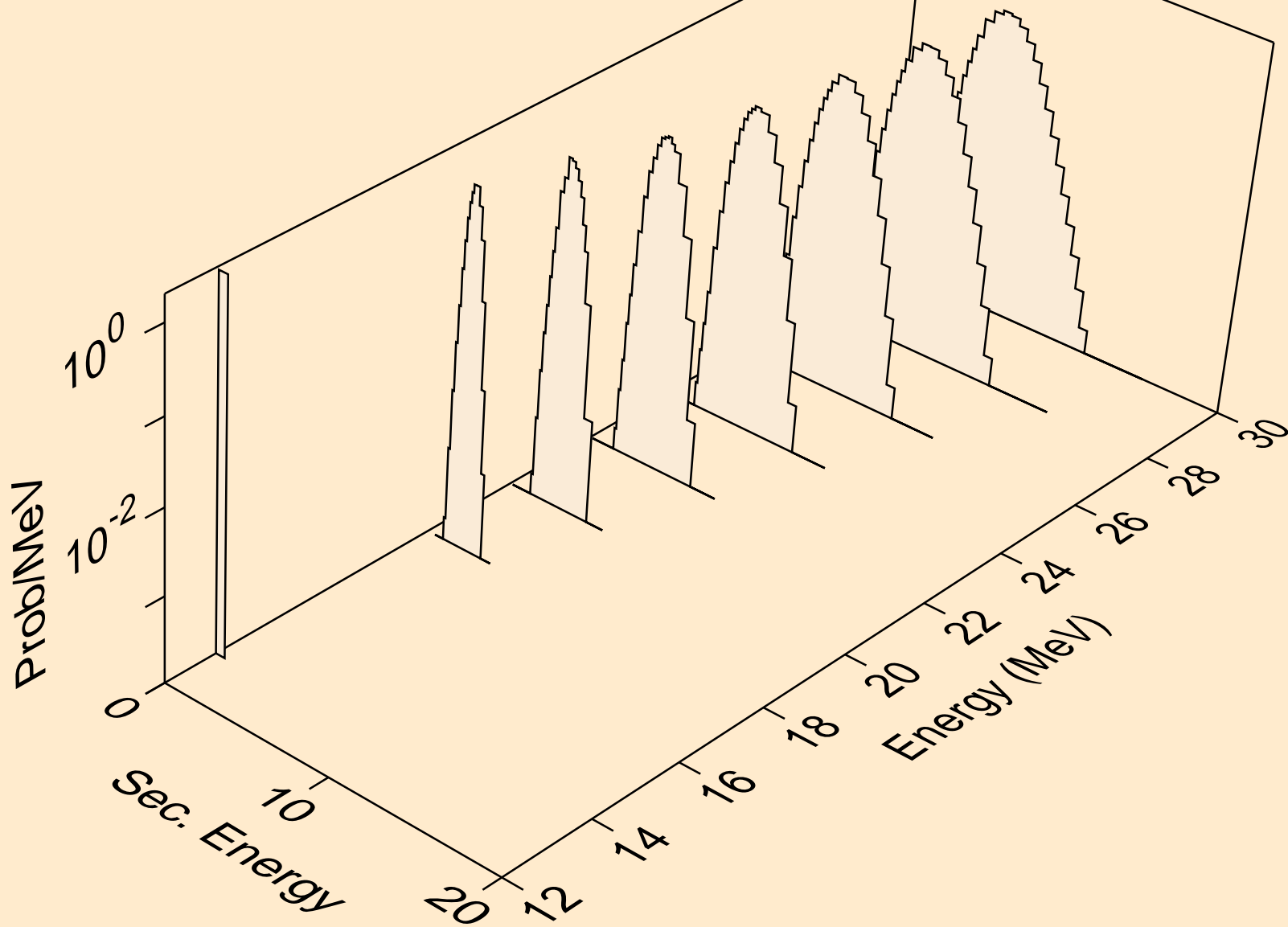
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,2p)



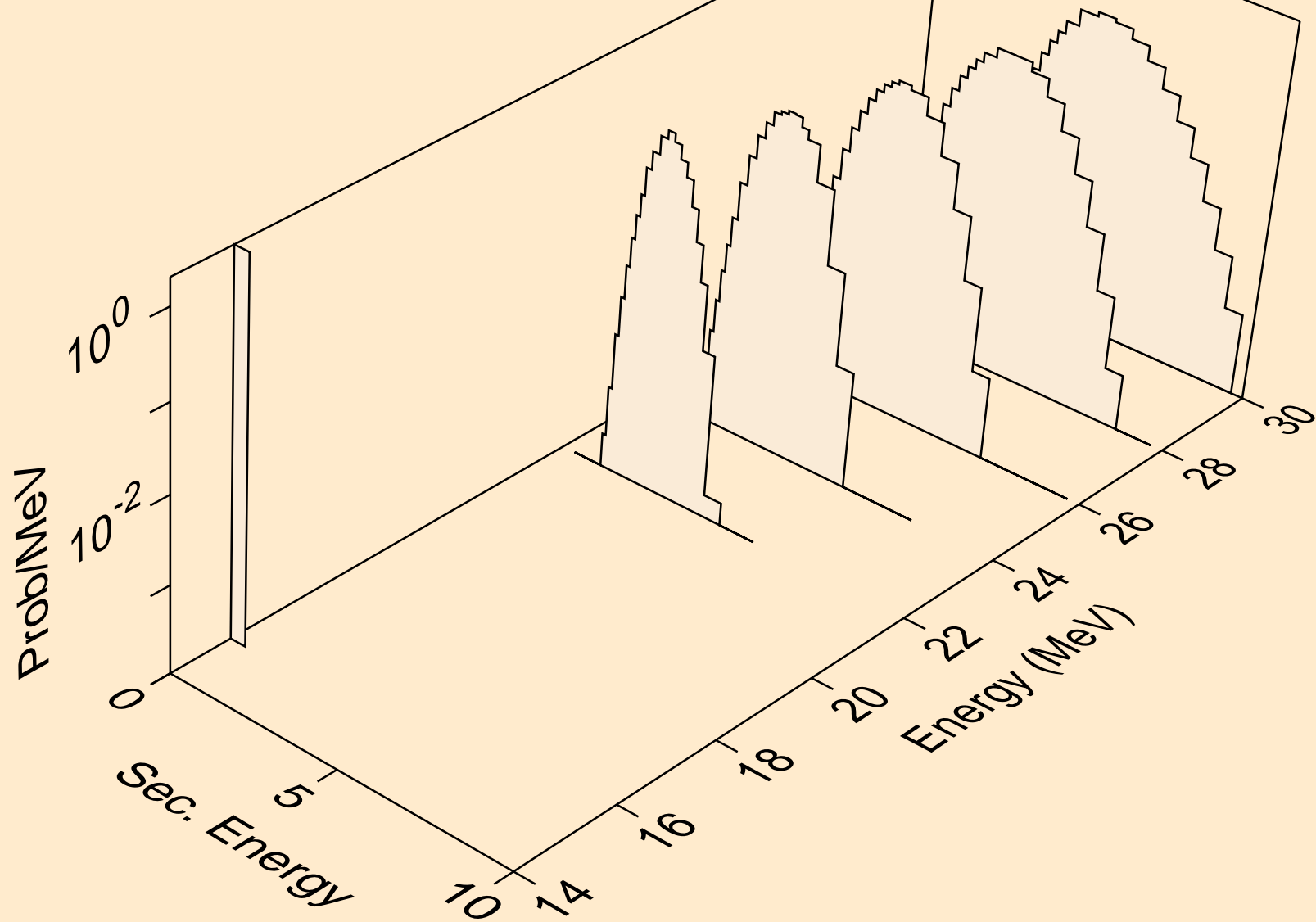
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,p)



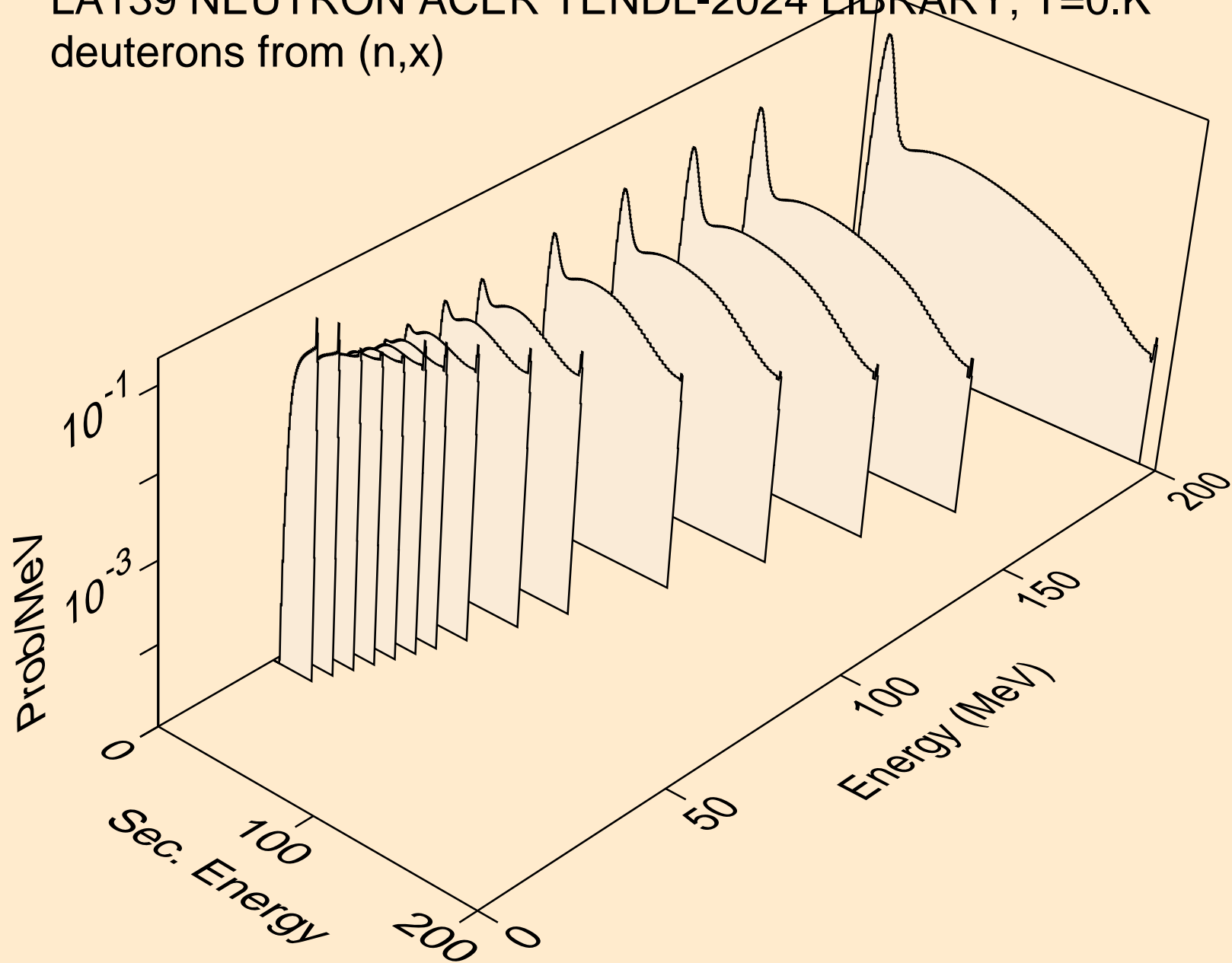
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pd)



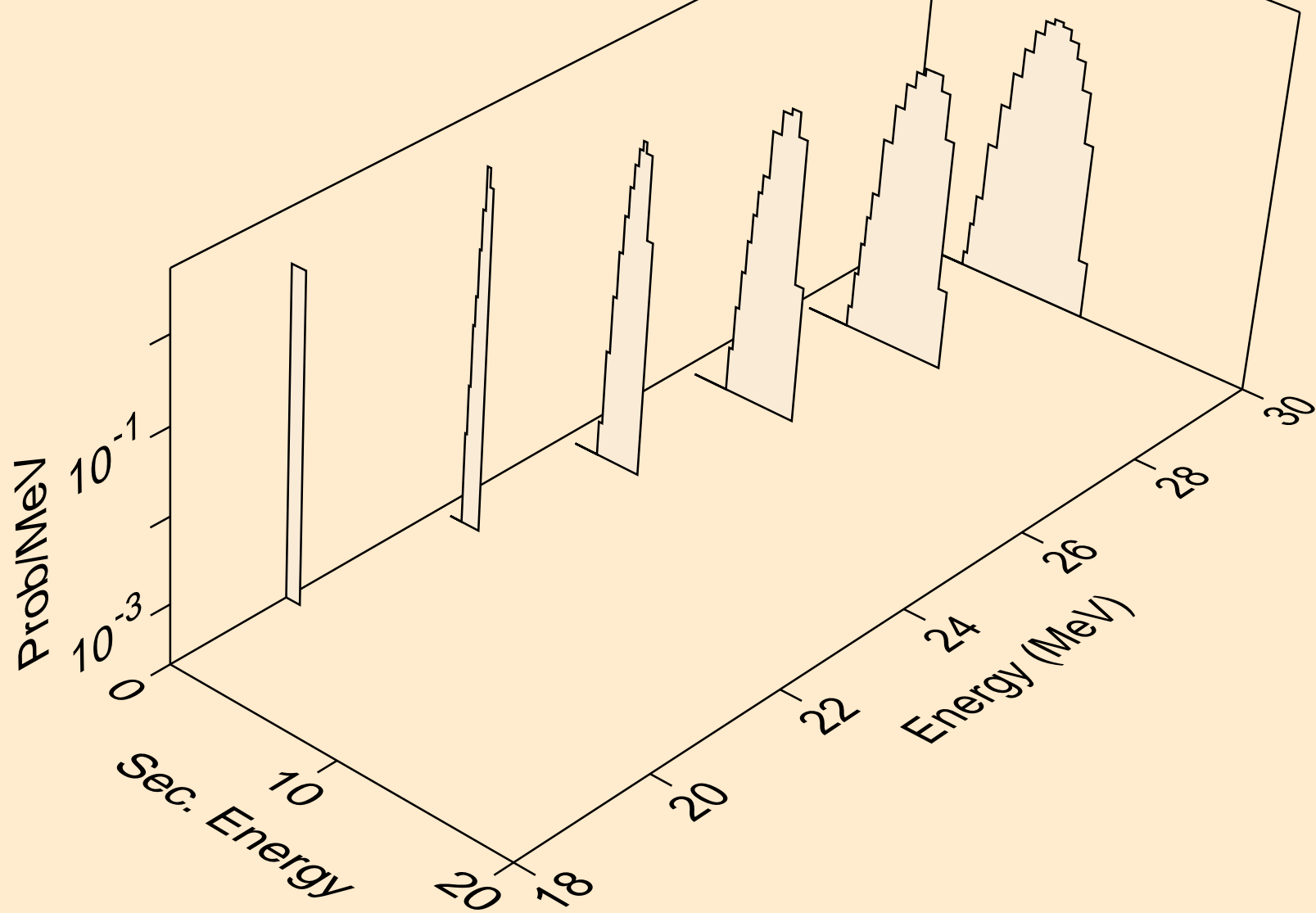
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
protons from (n,pt)



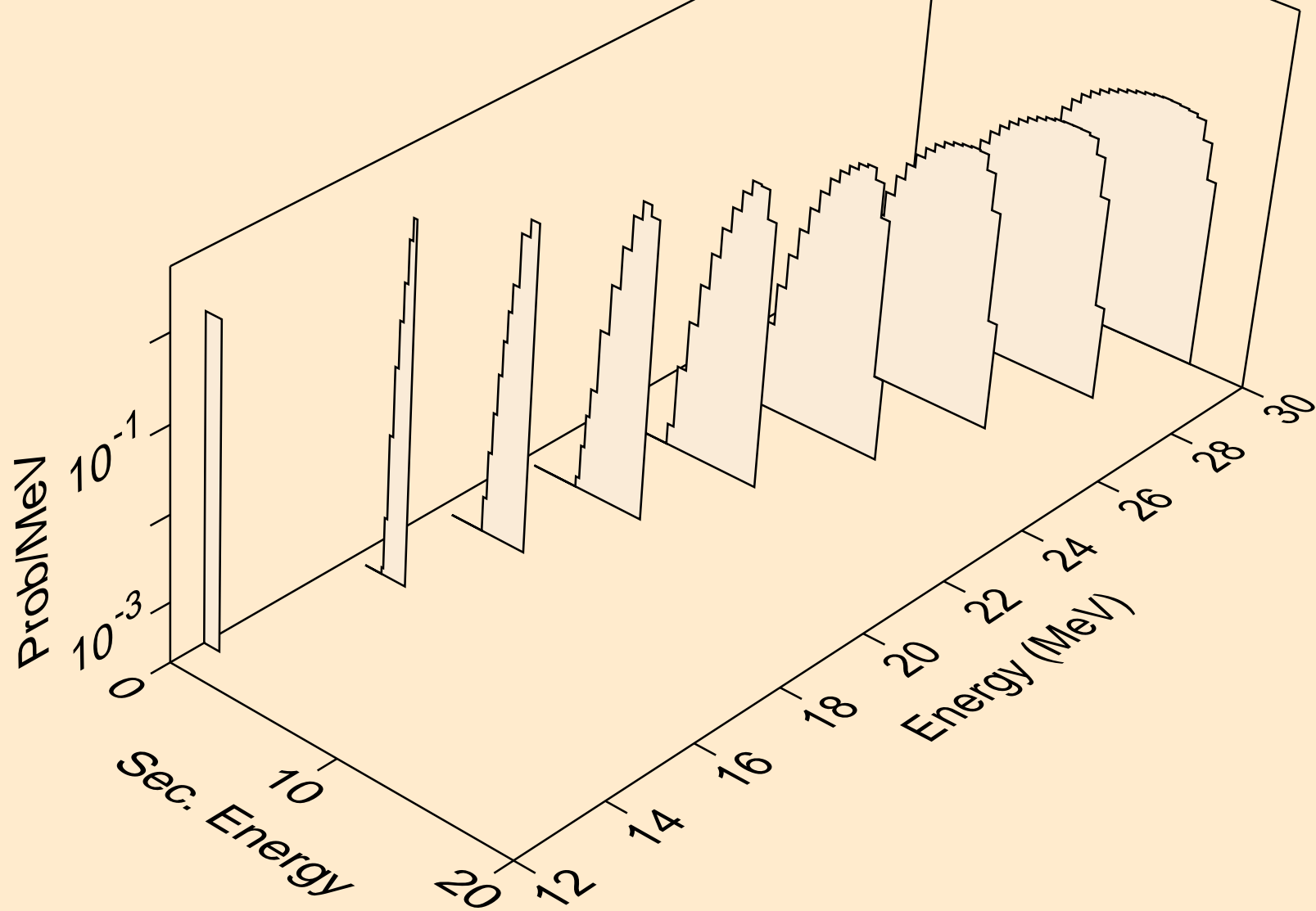
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,x)



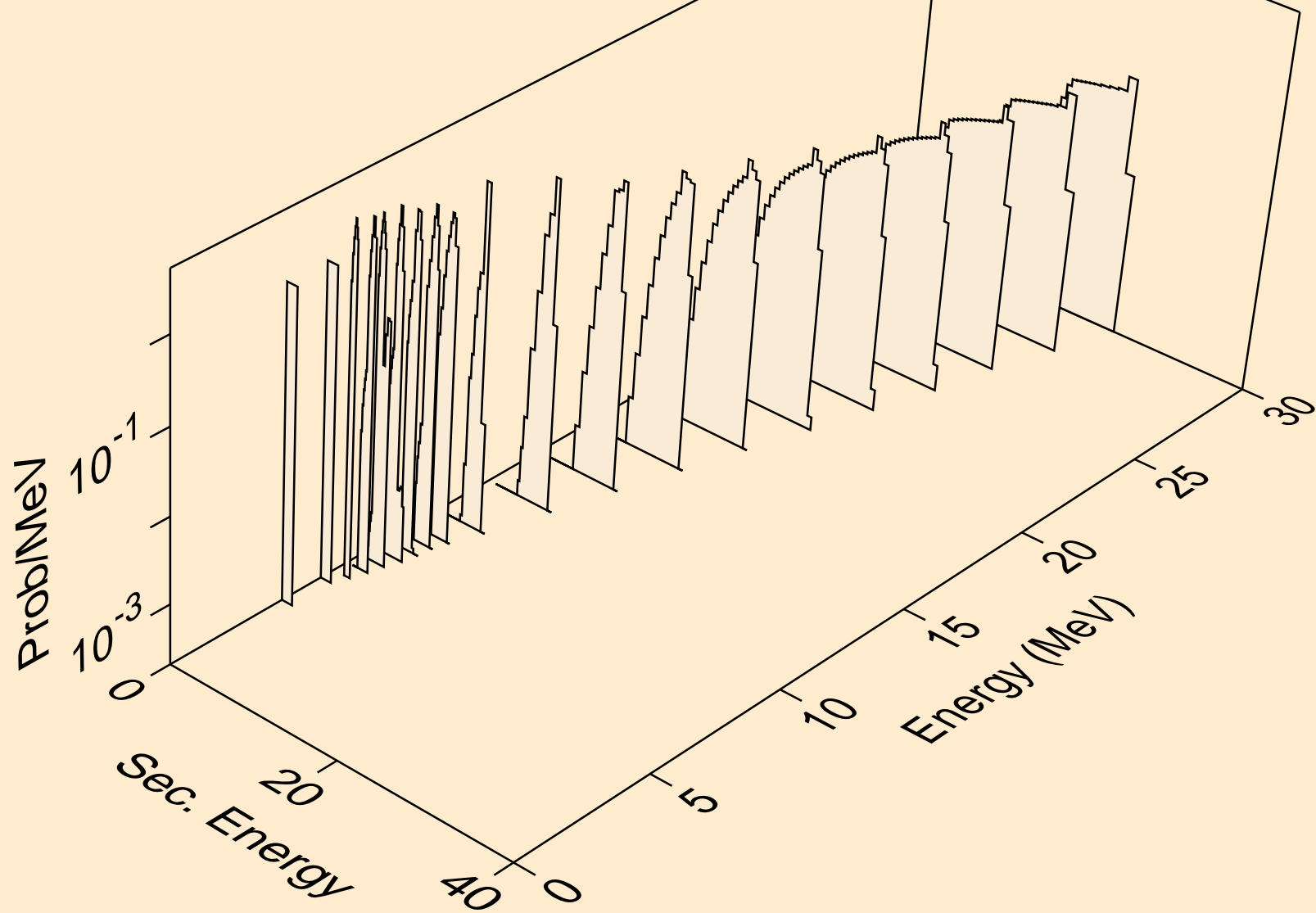
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,2nd)



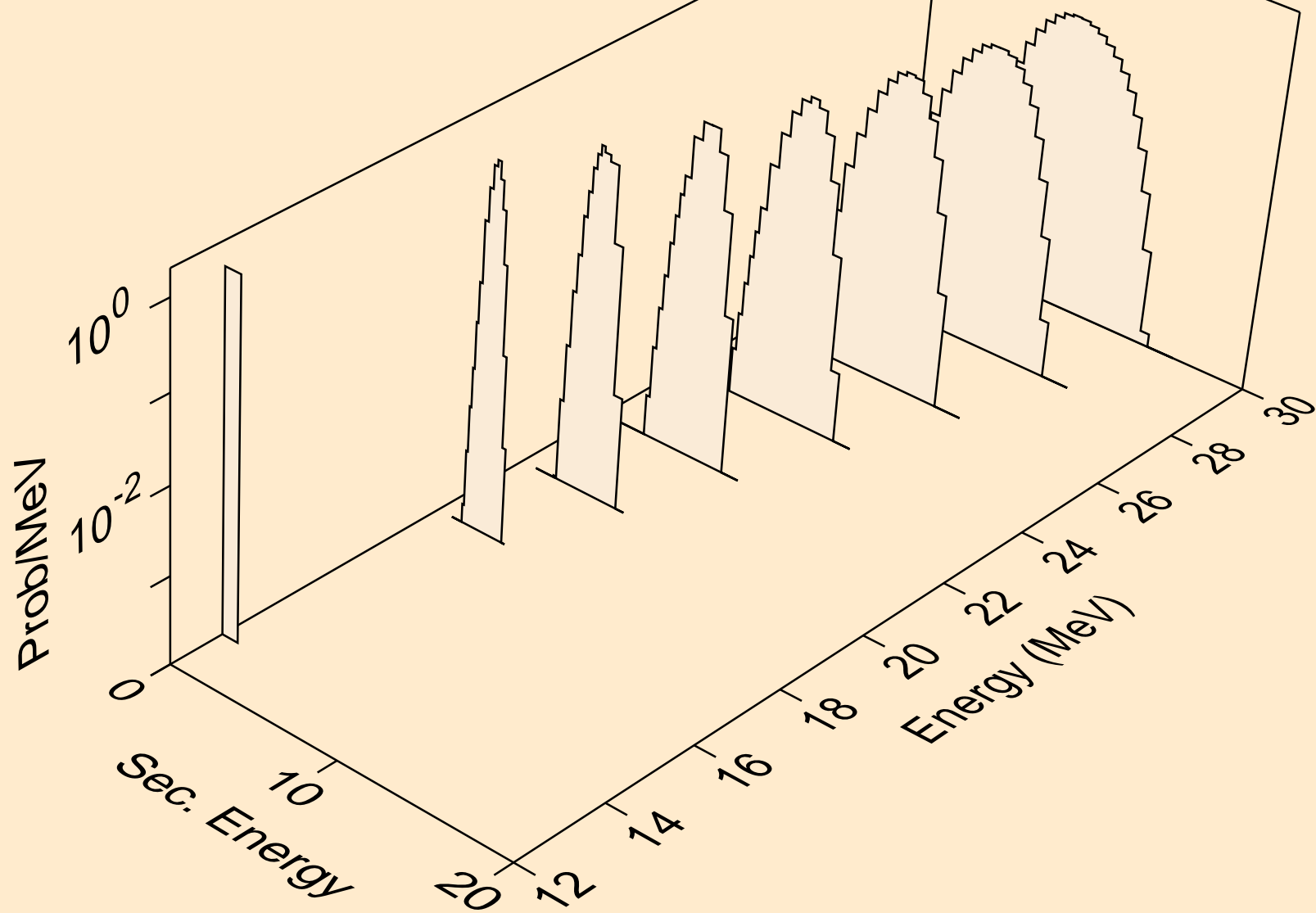
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,n*)d



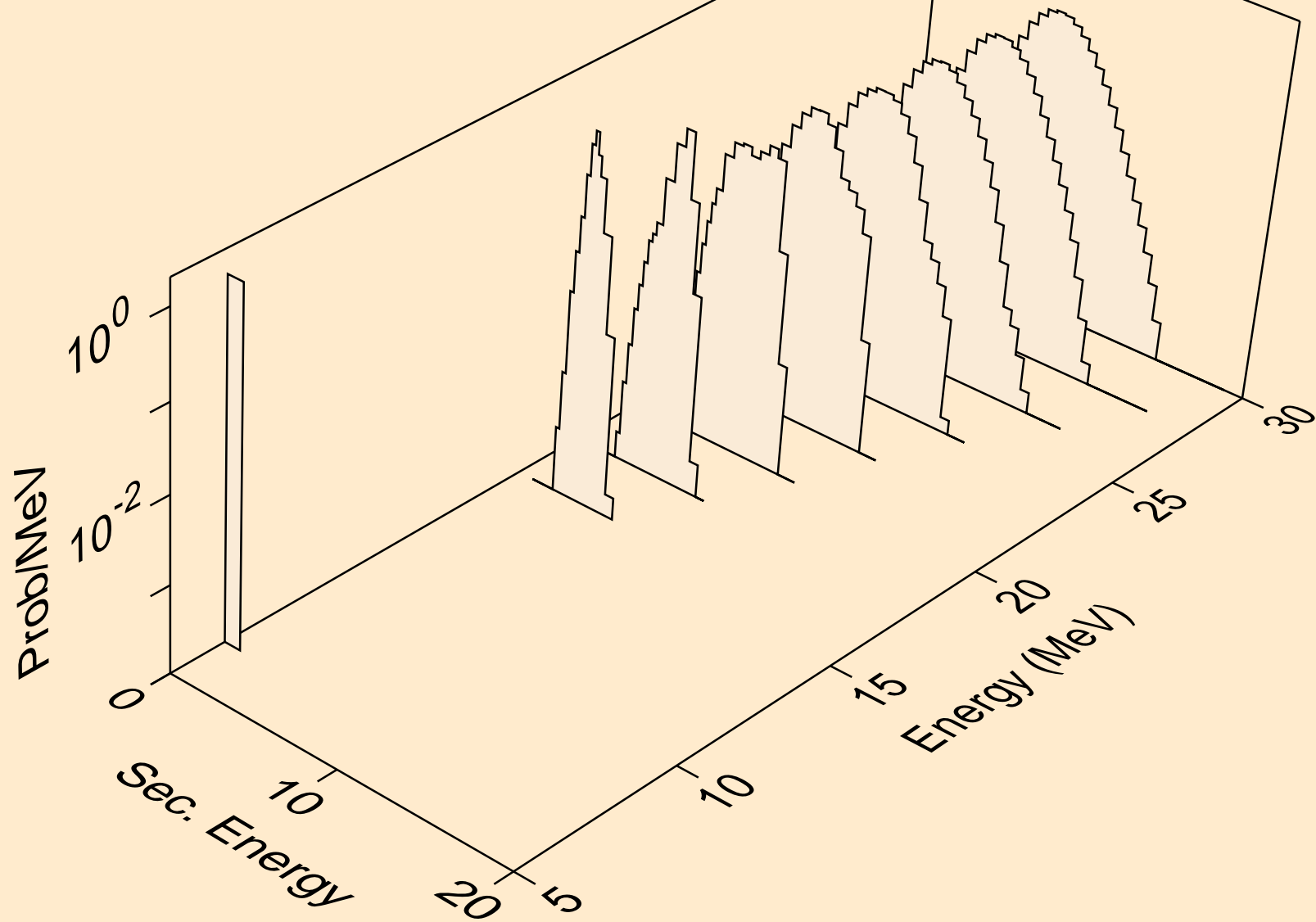
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,d)



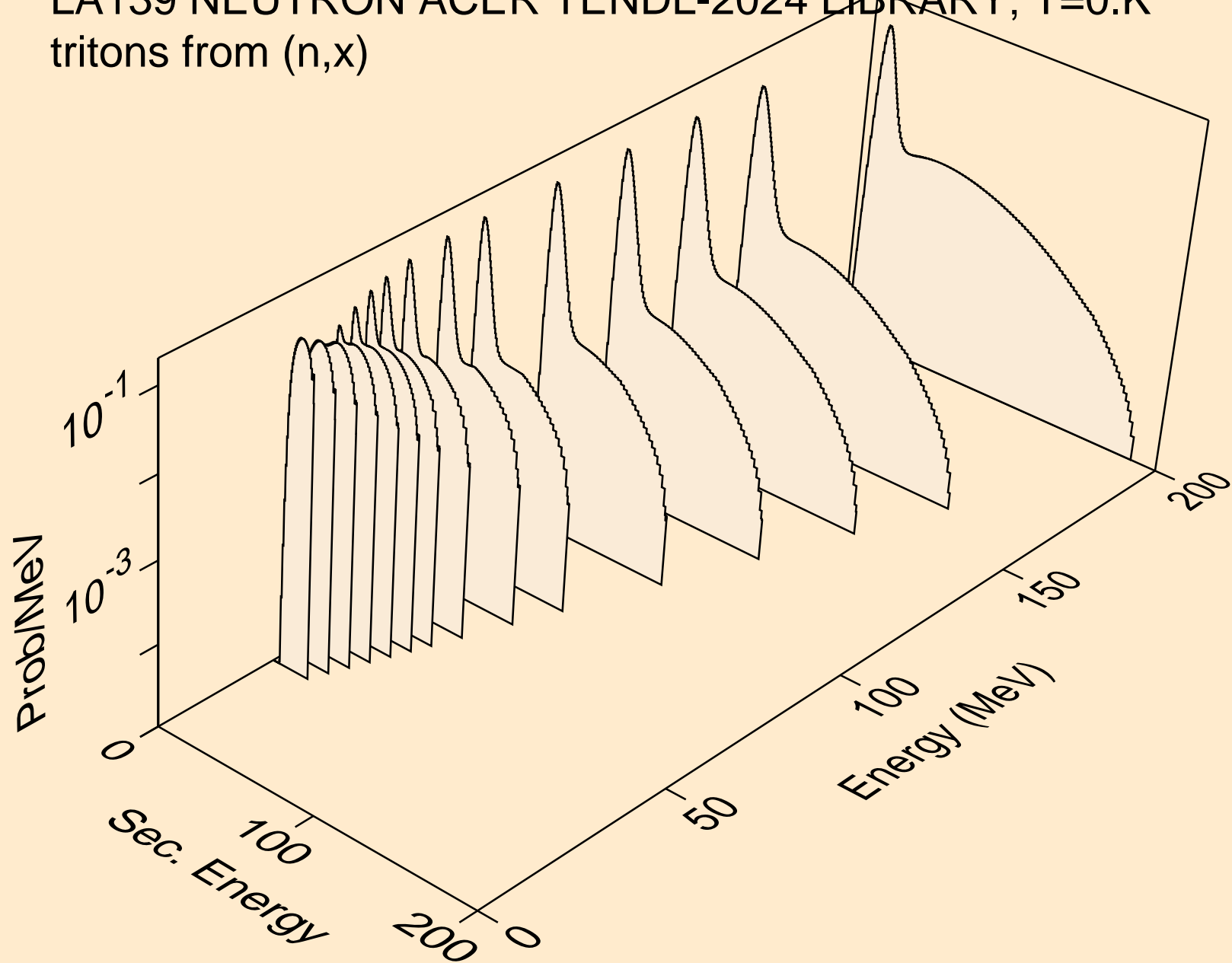
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,pd)



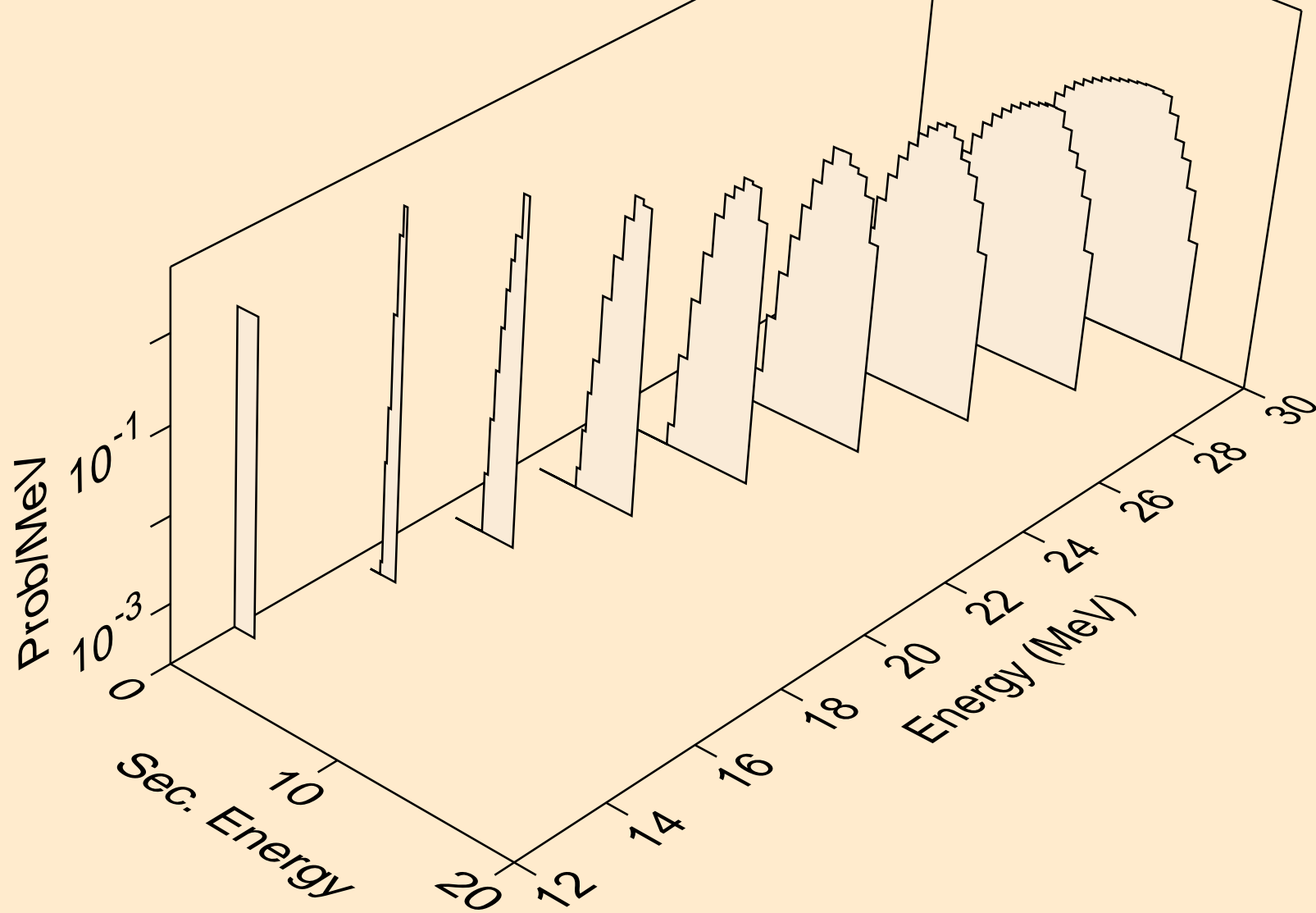
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (n,da)



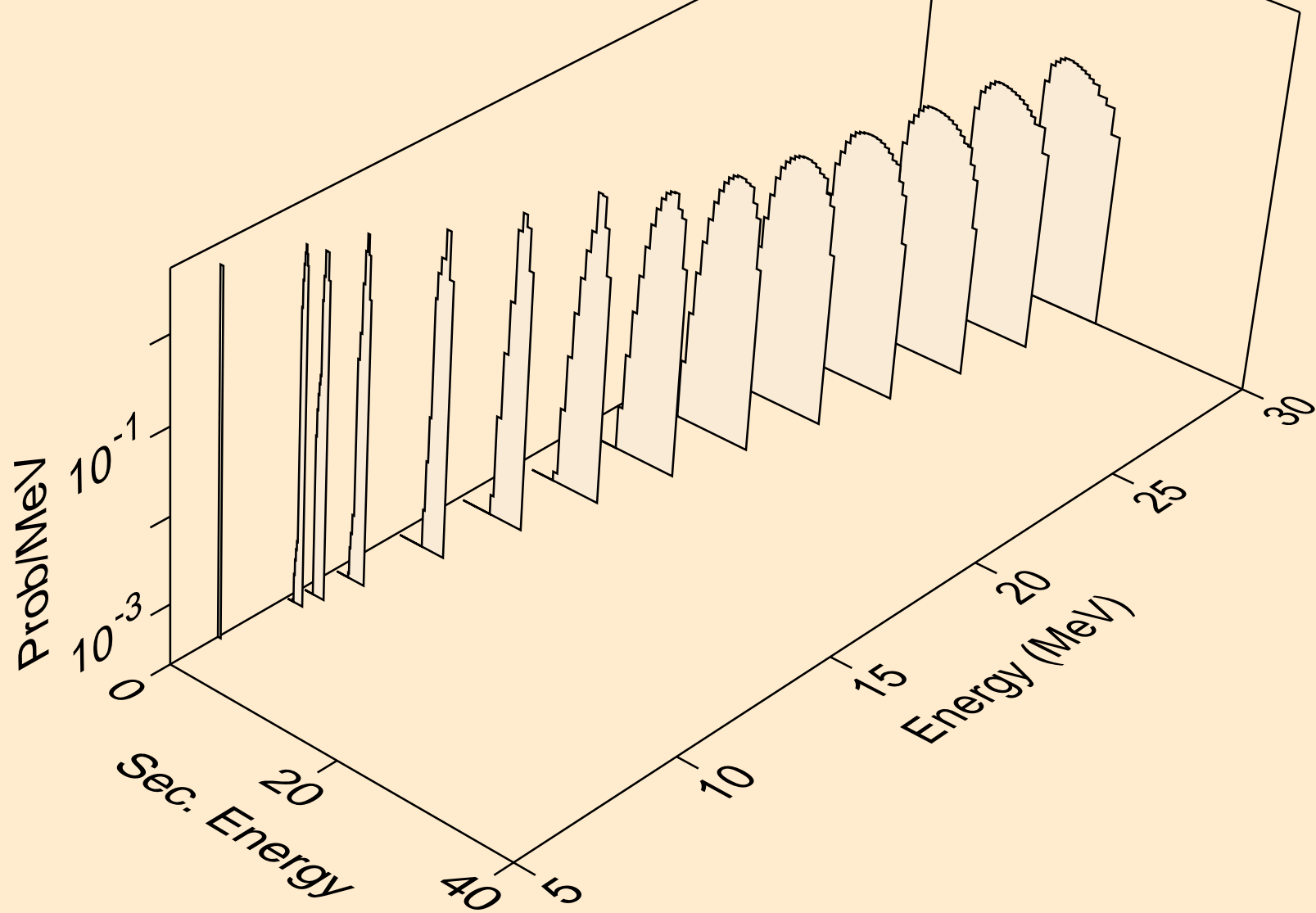
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,x)



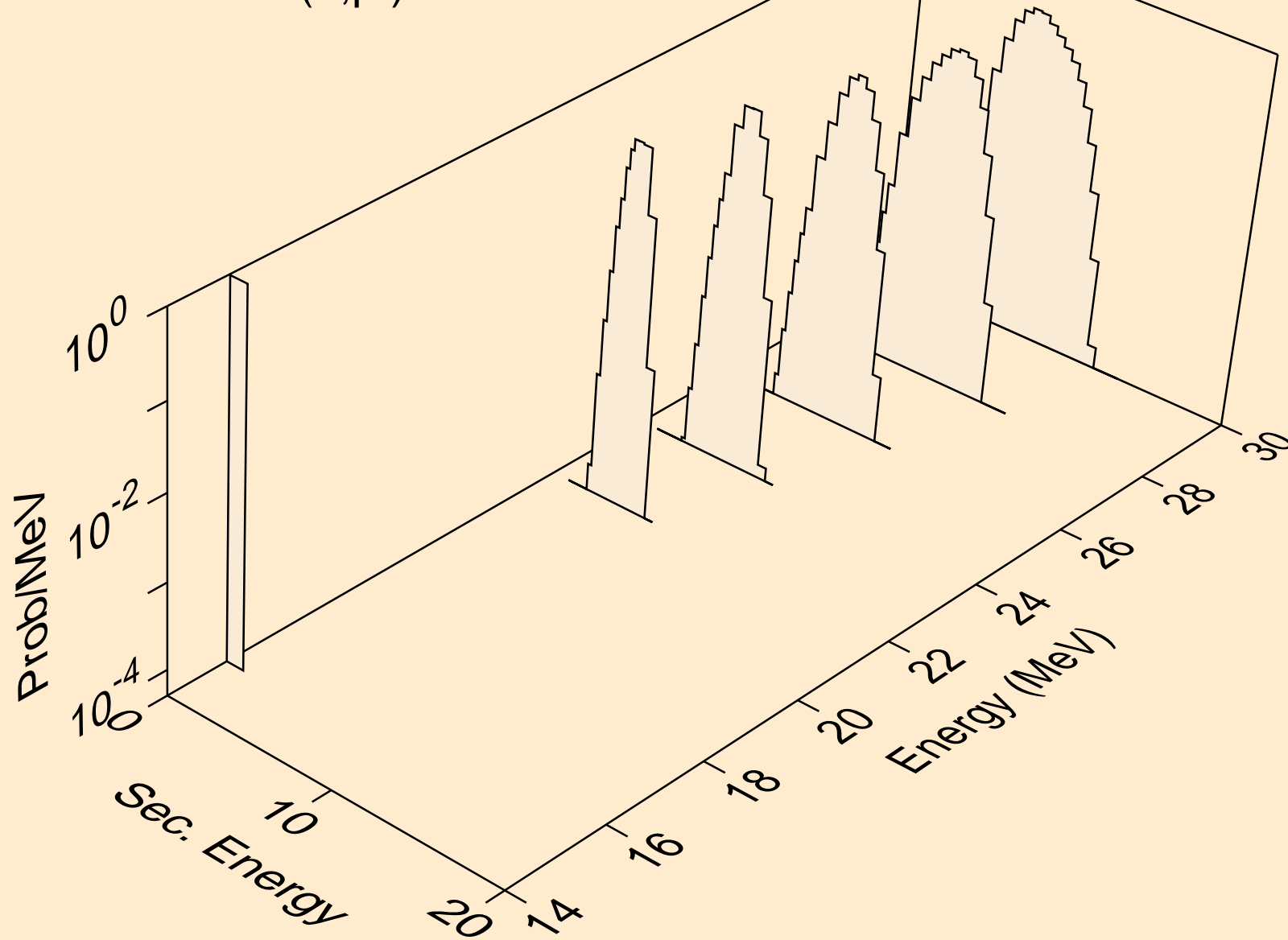
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,n*)t



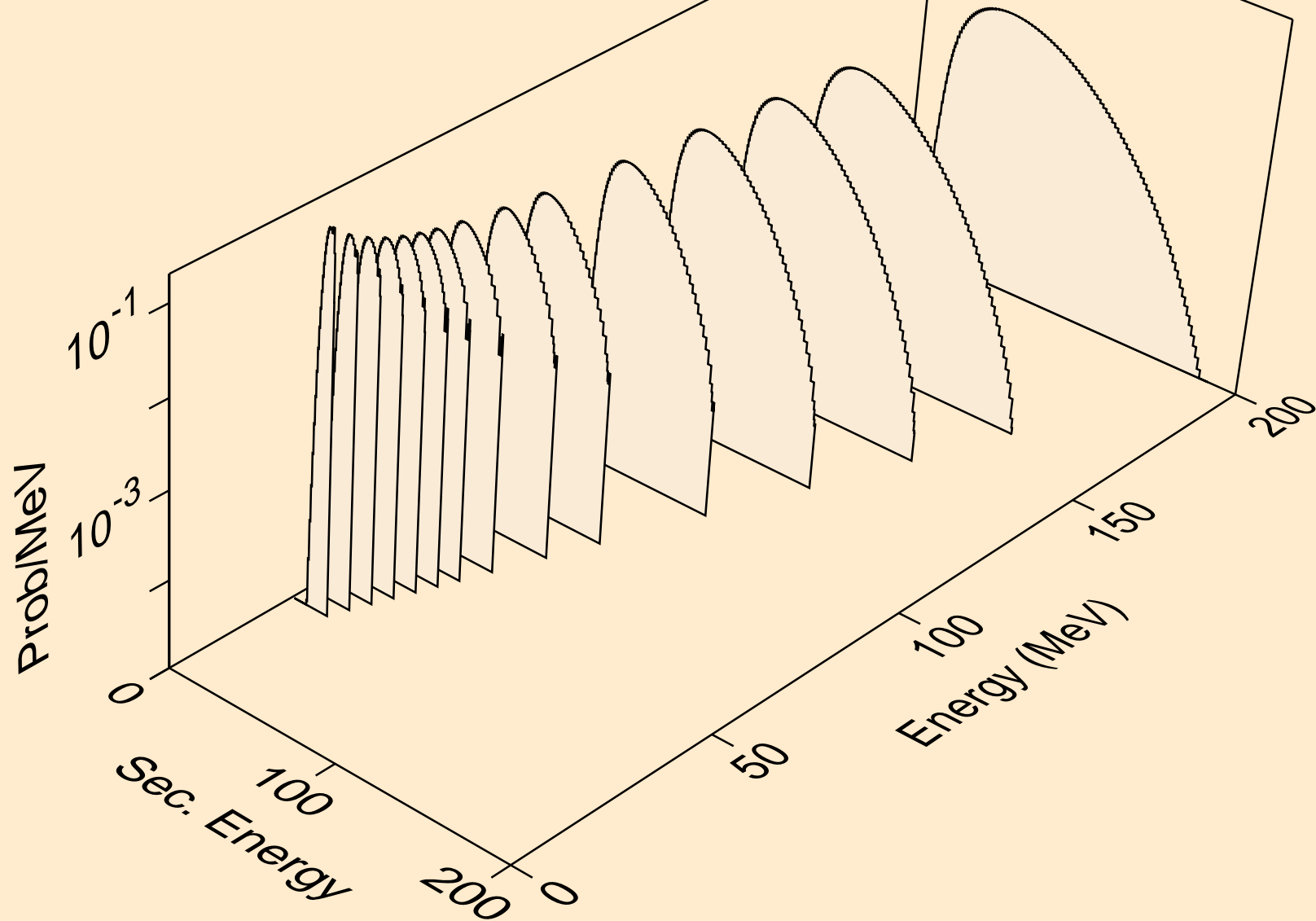
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,t)



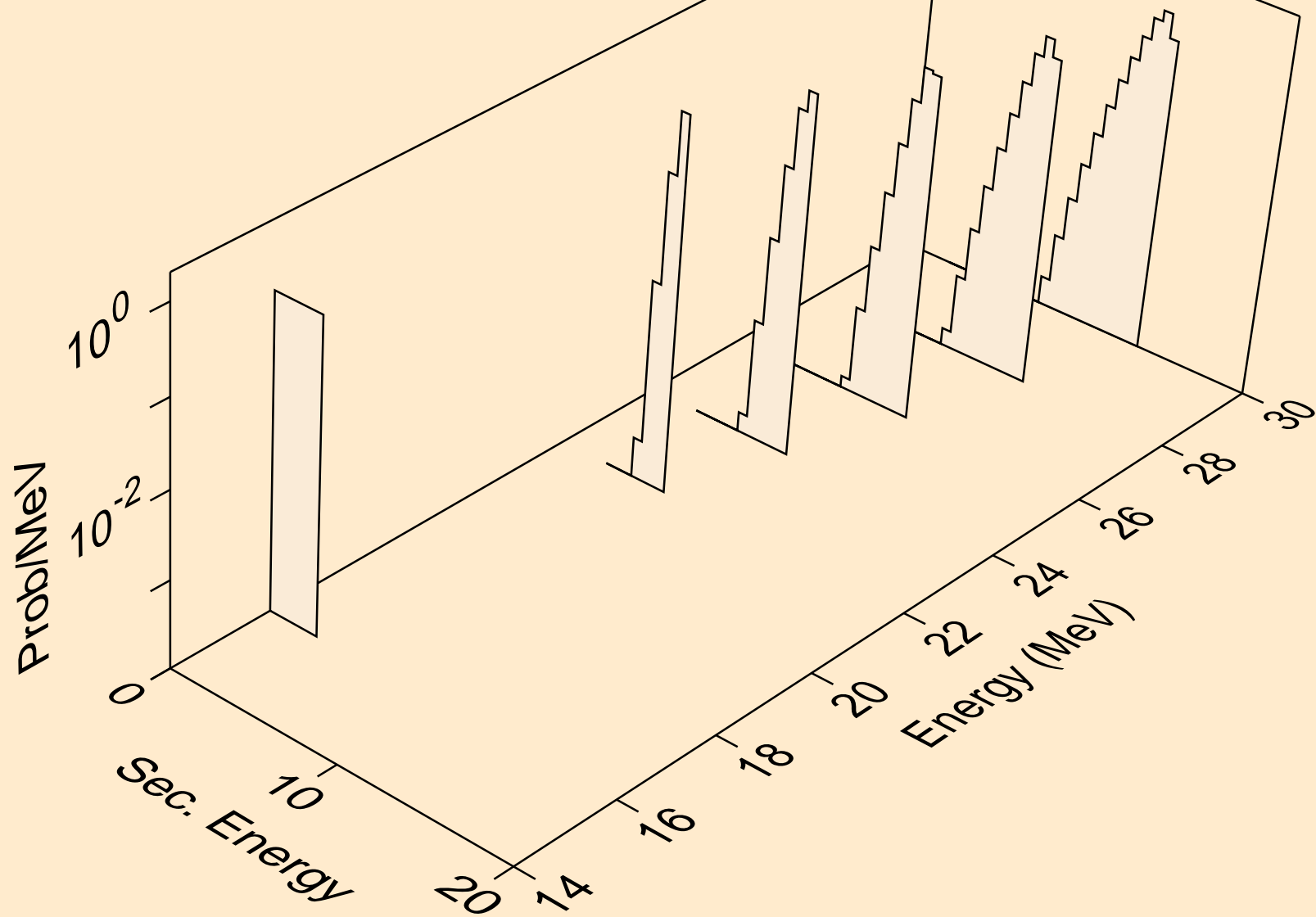
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
tritons from (n,pt)



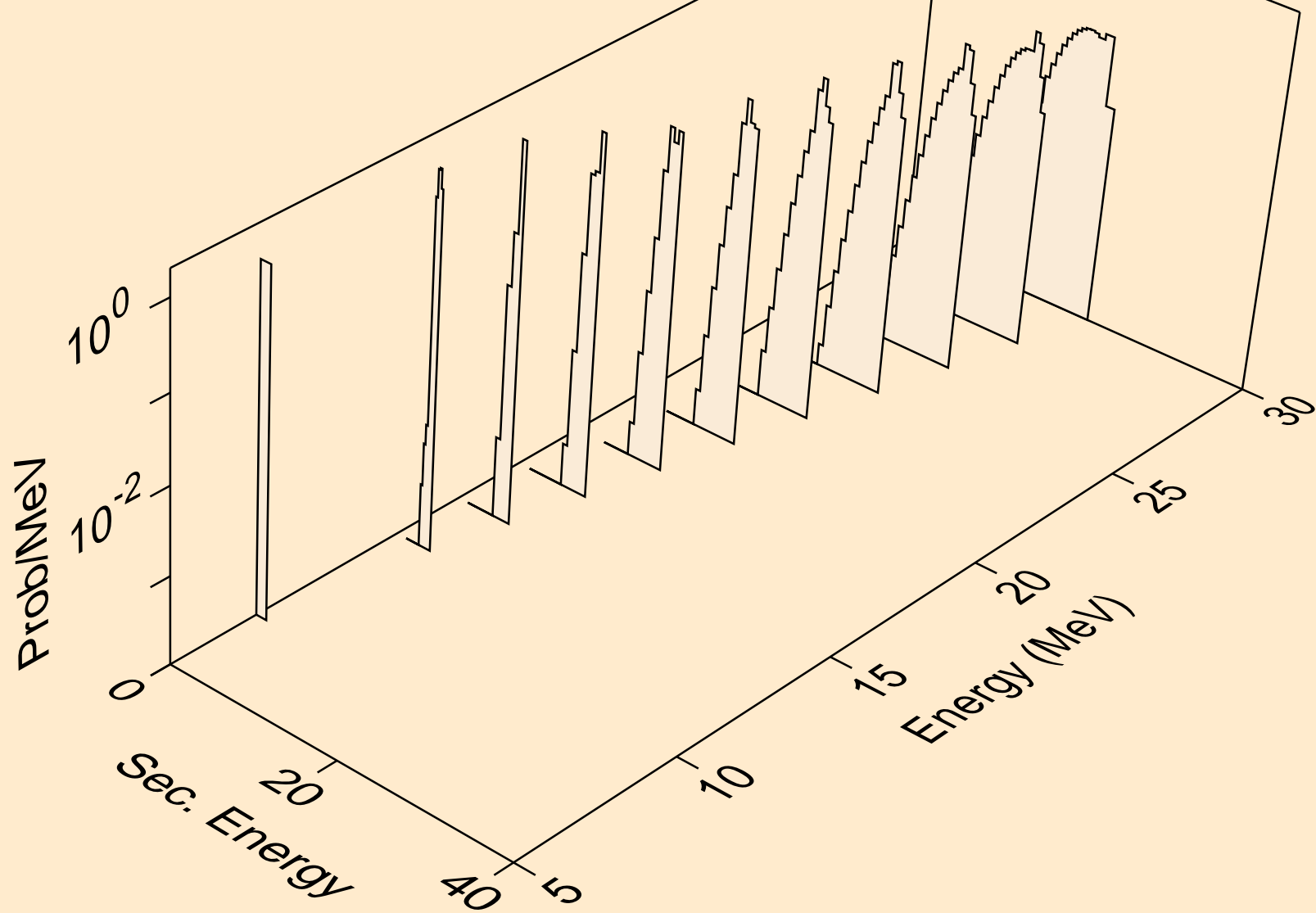
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,x)



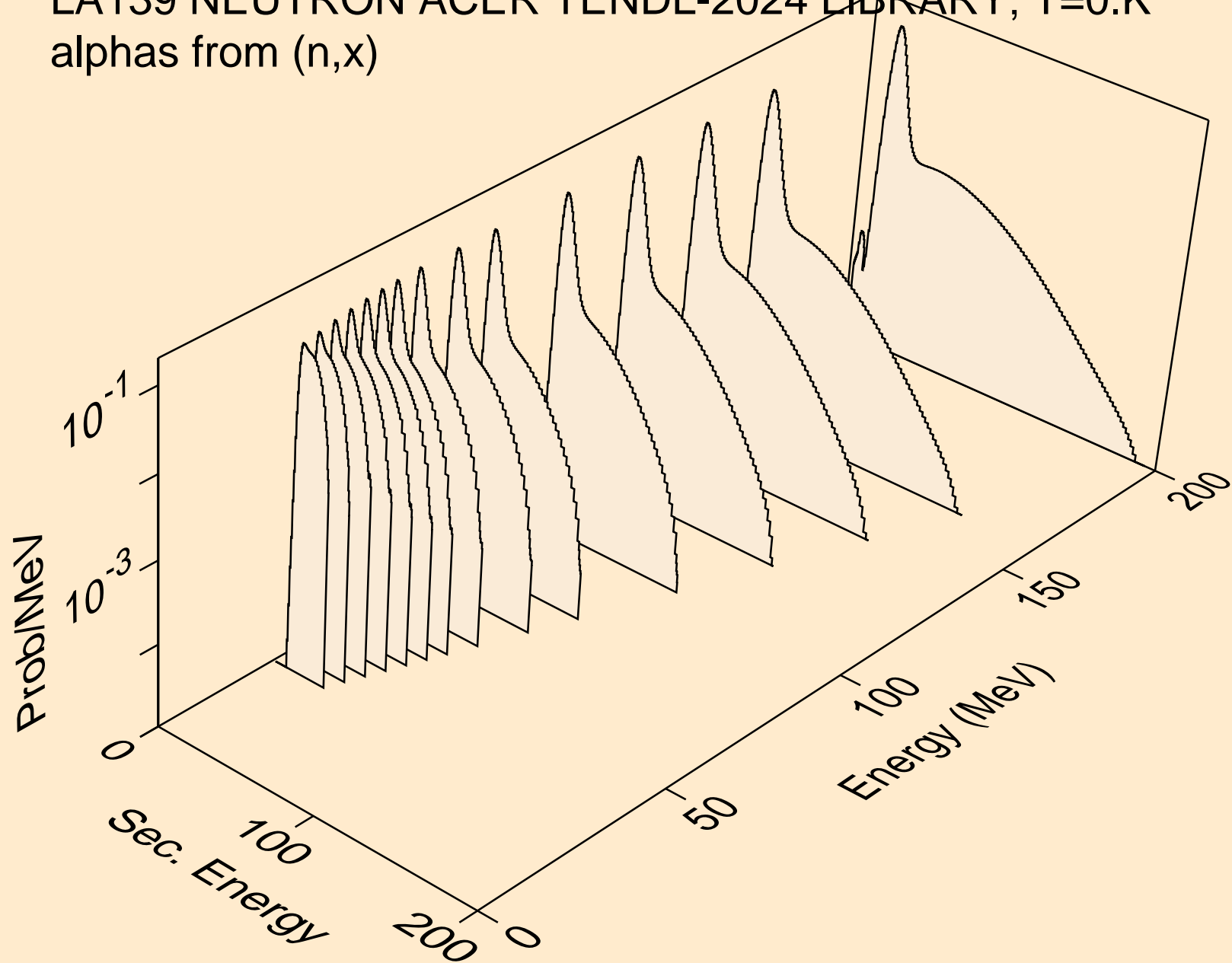
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,n*)he3



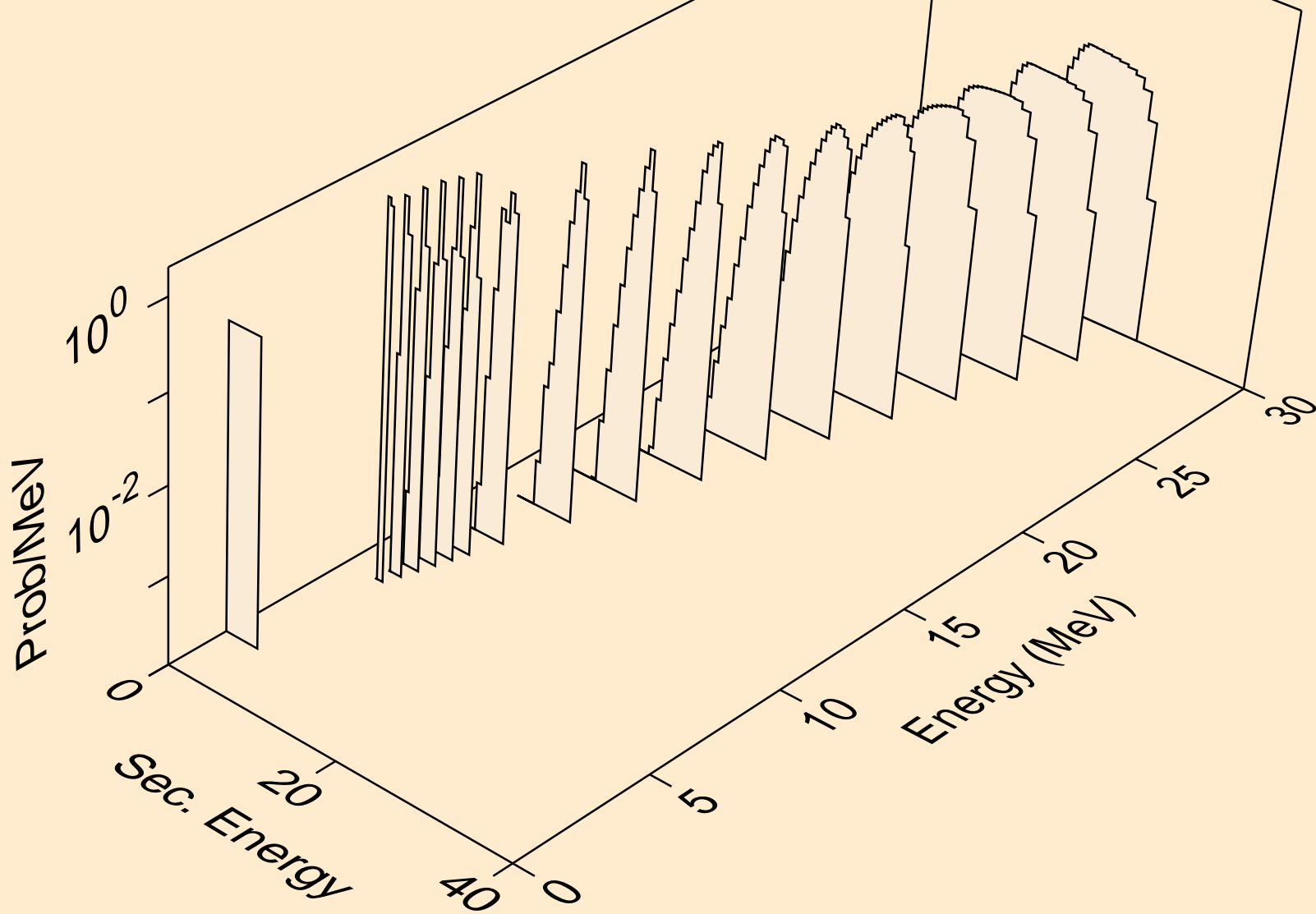
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
he3s from (n,he3)



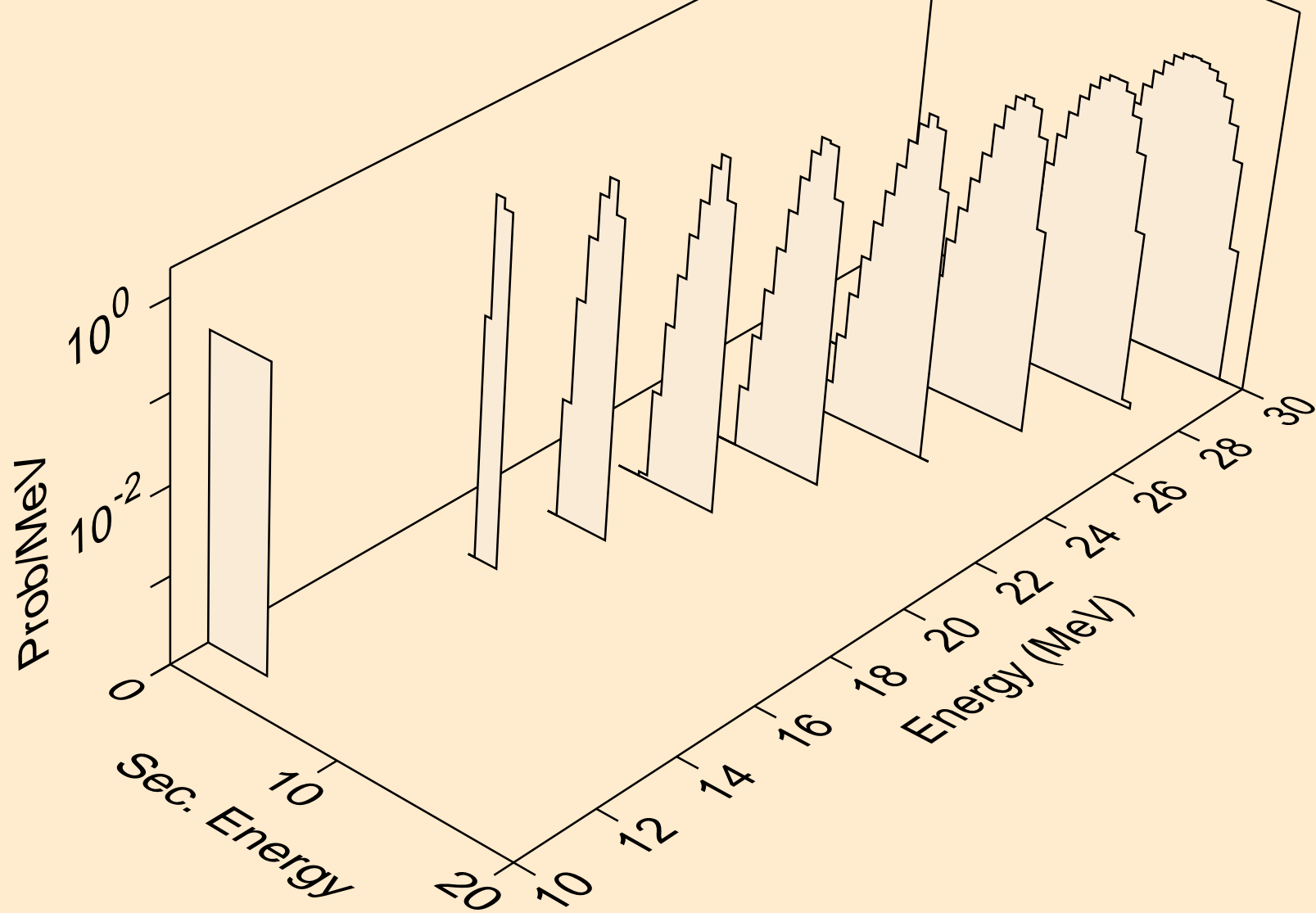
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,x)



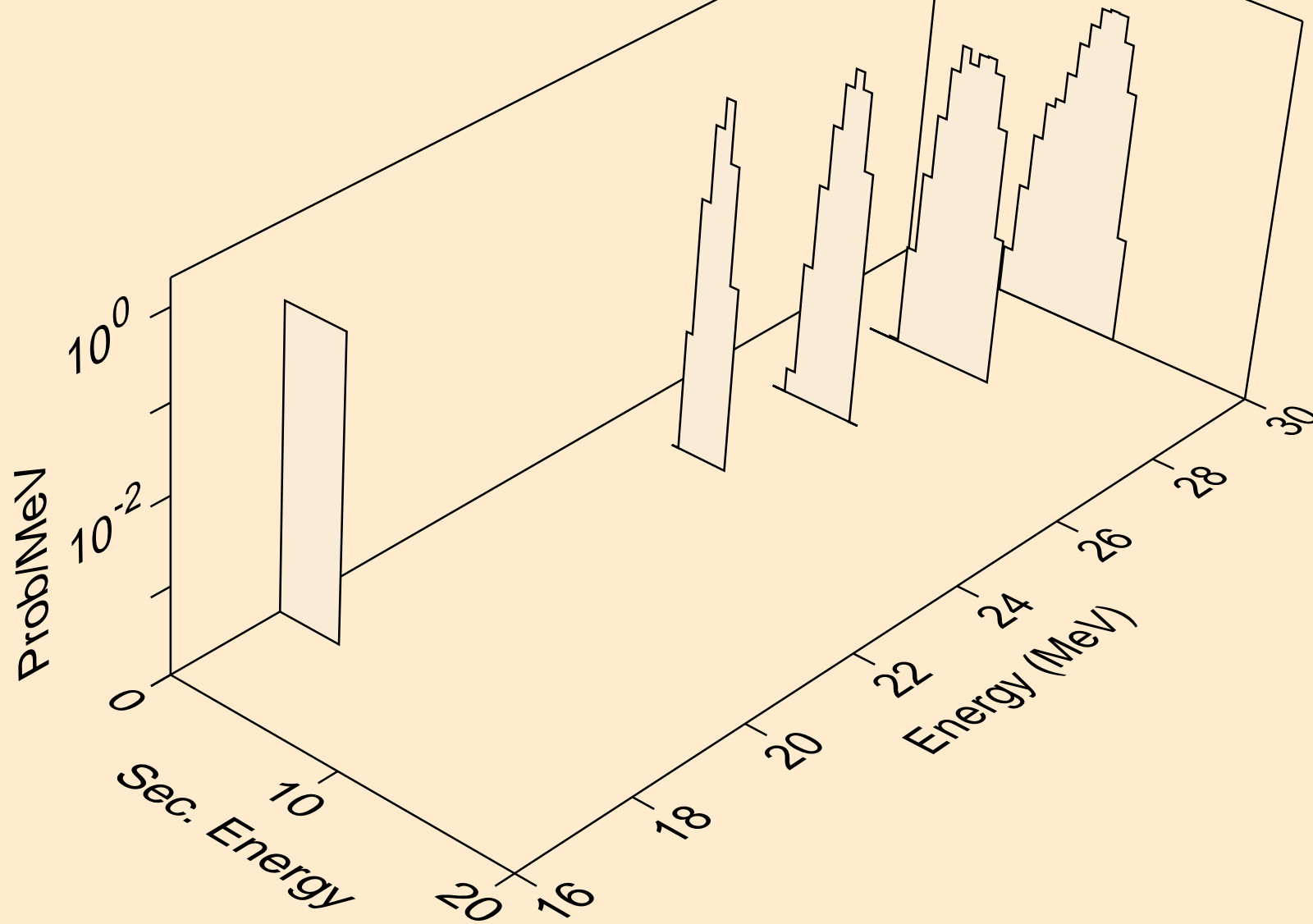
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)a



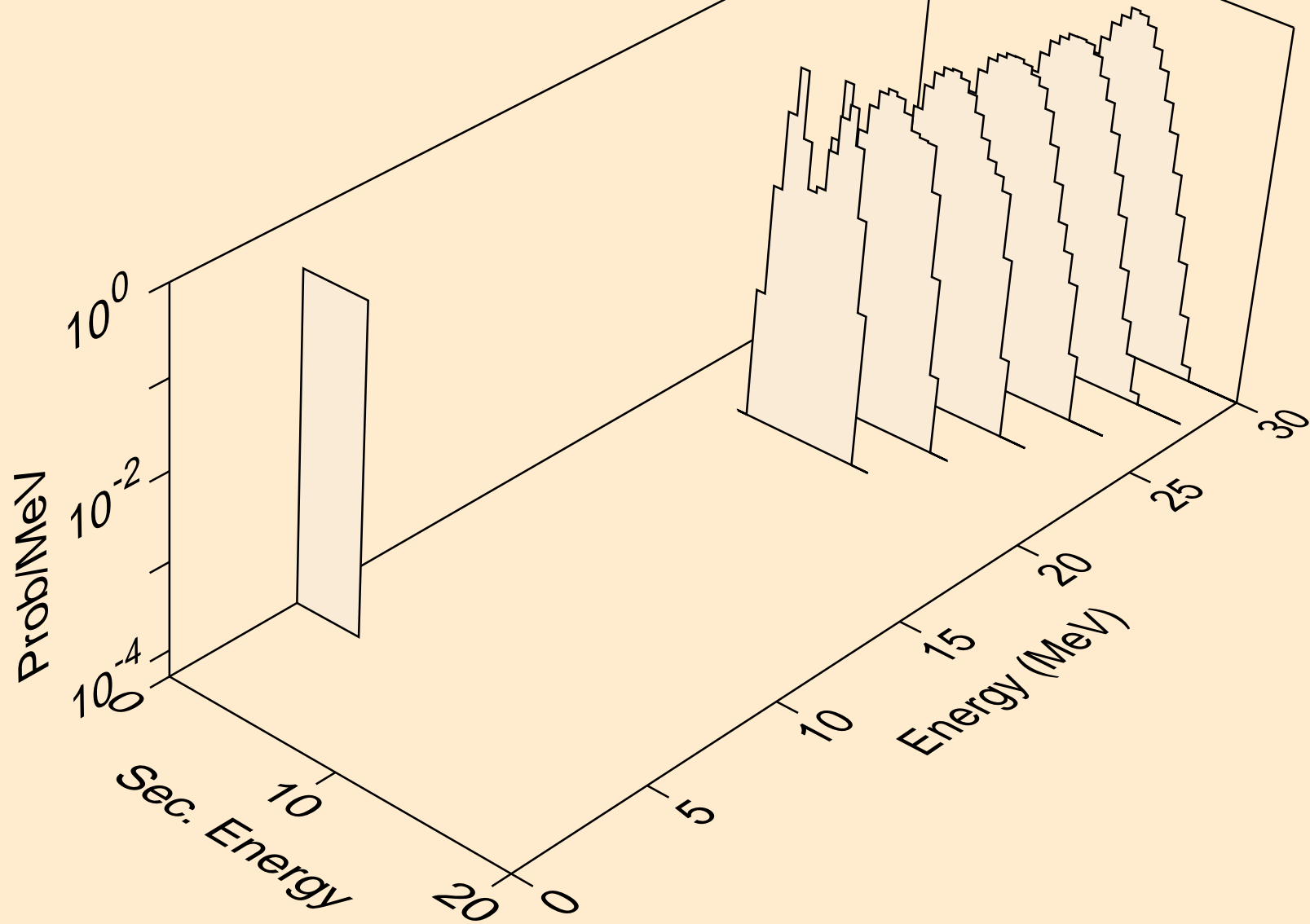
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2n)a



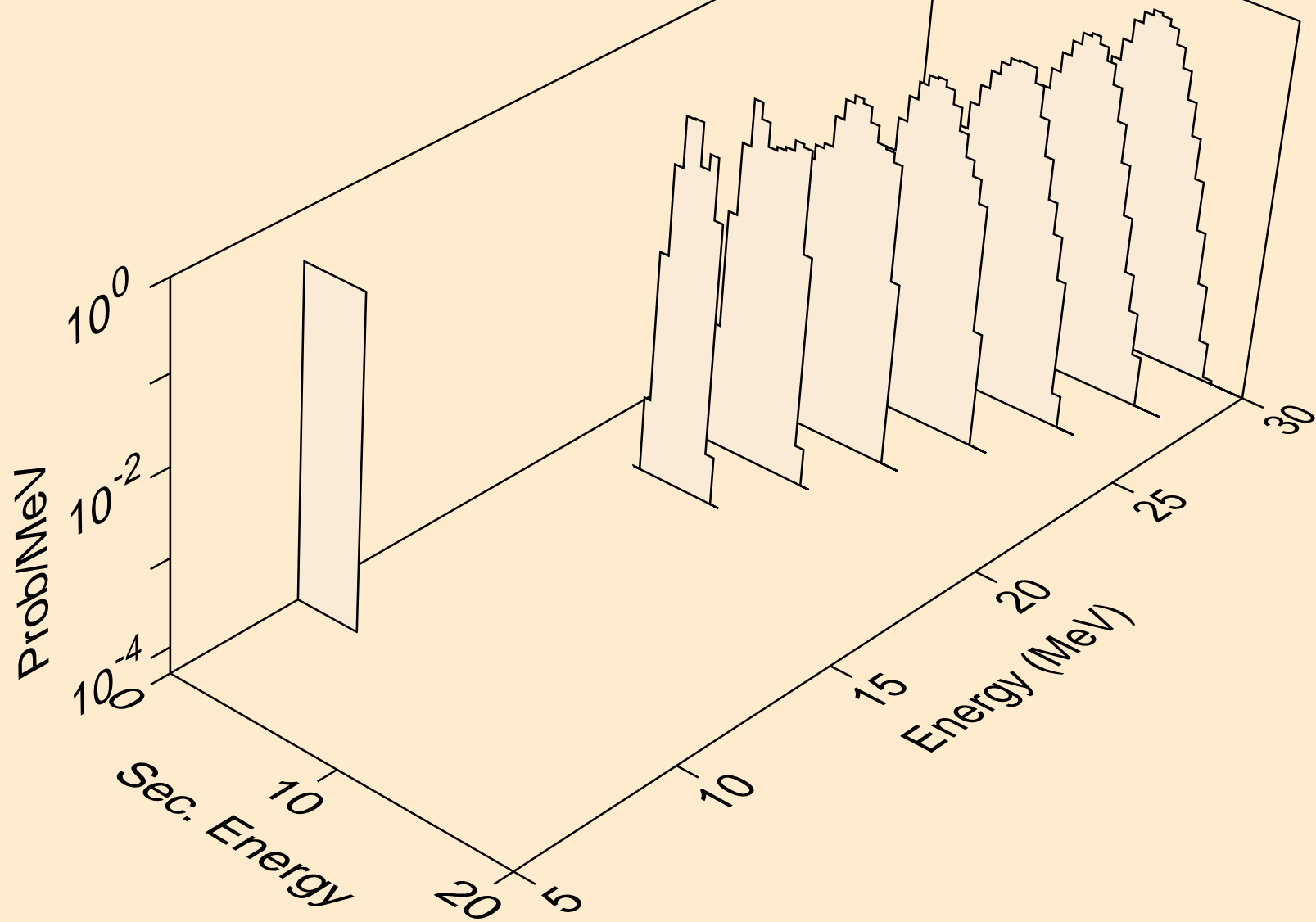
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,3n)a



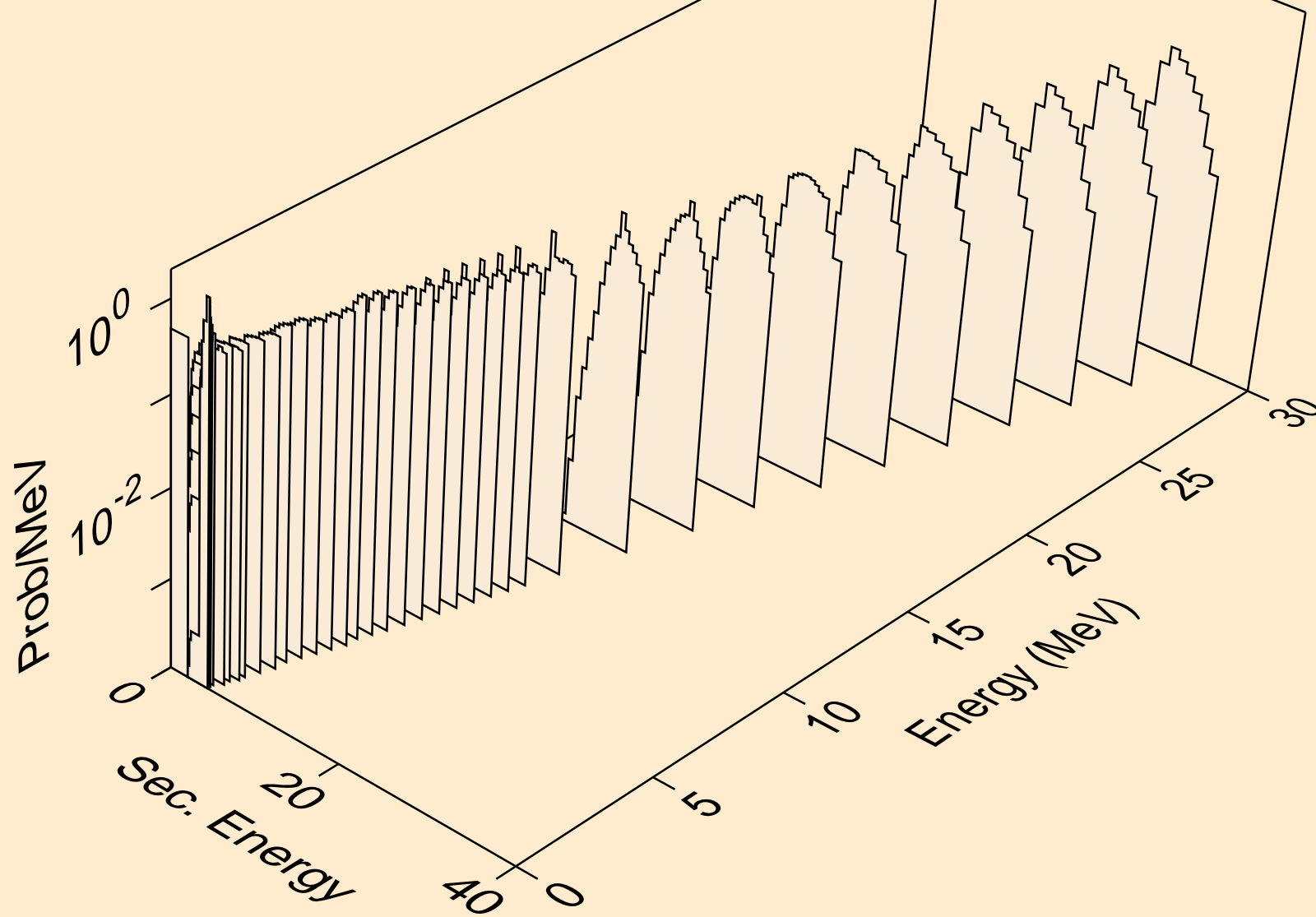
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,n*)2a



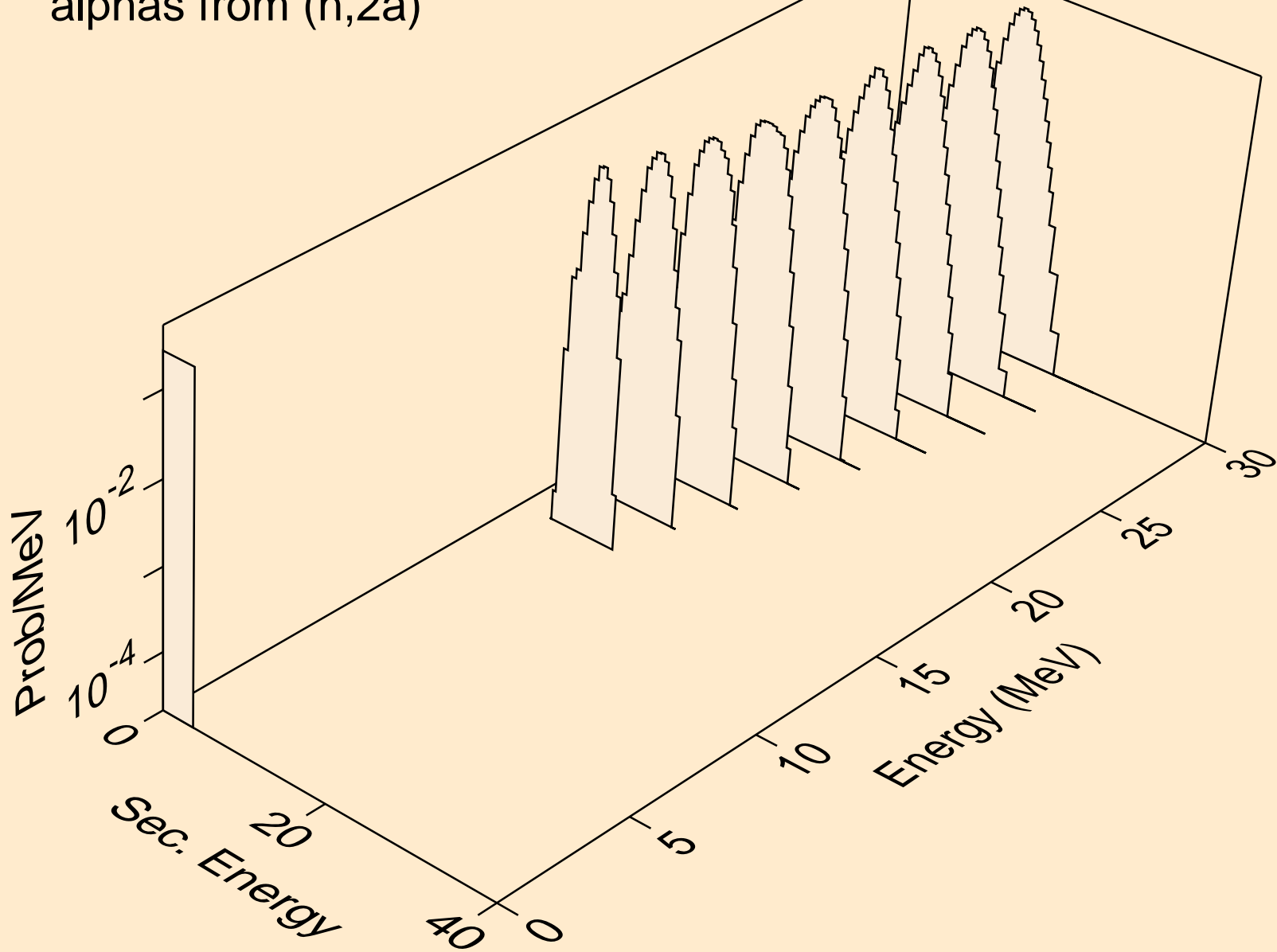
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,npa)



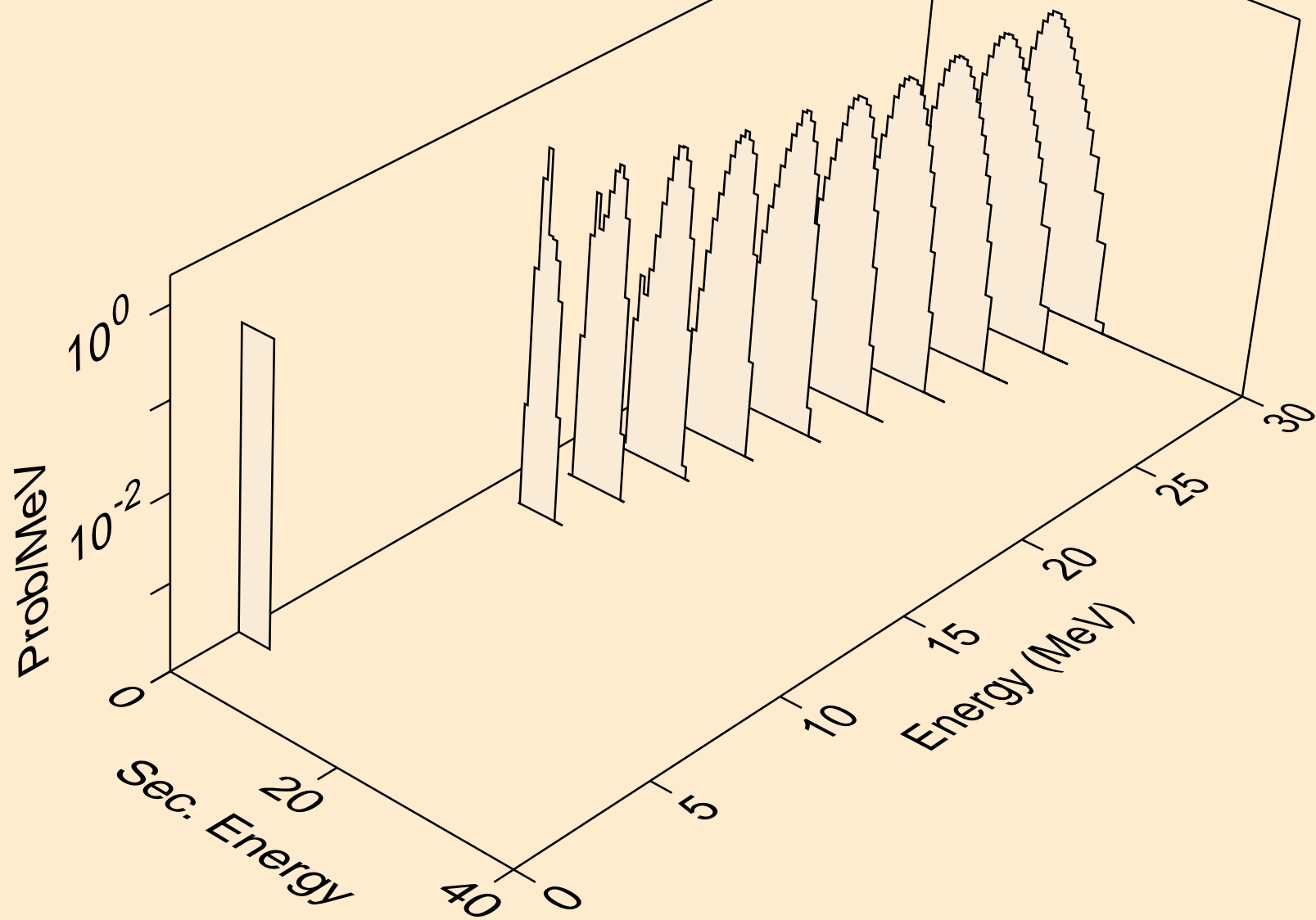
LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,a)



LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,2a)



LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,pa)



LA139 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K
alphas from (n,da)

