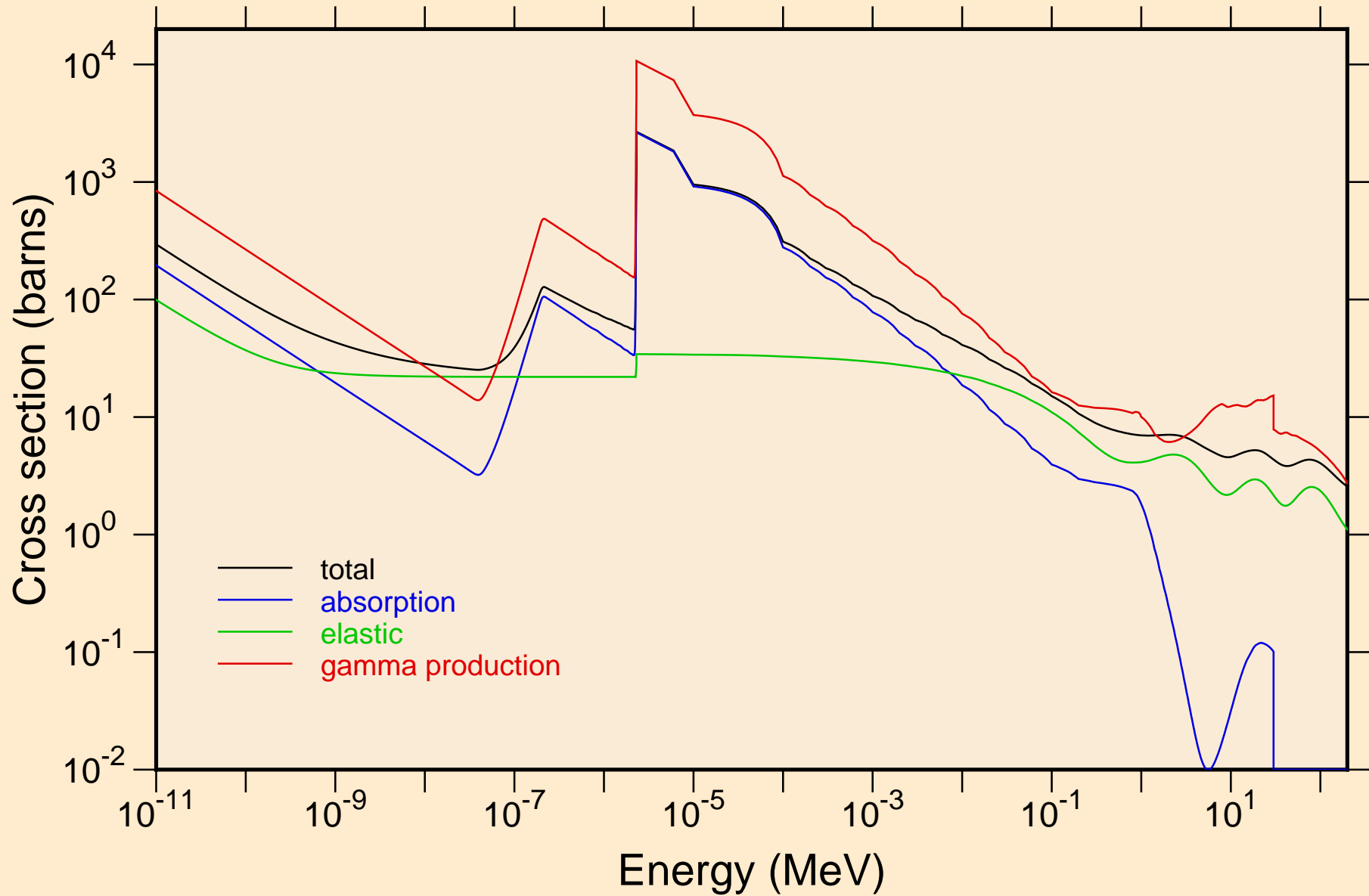
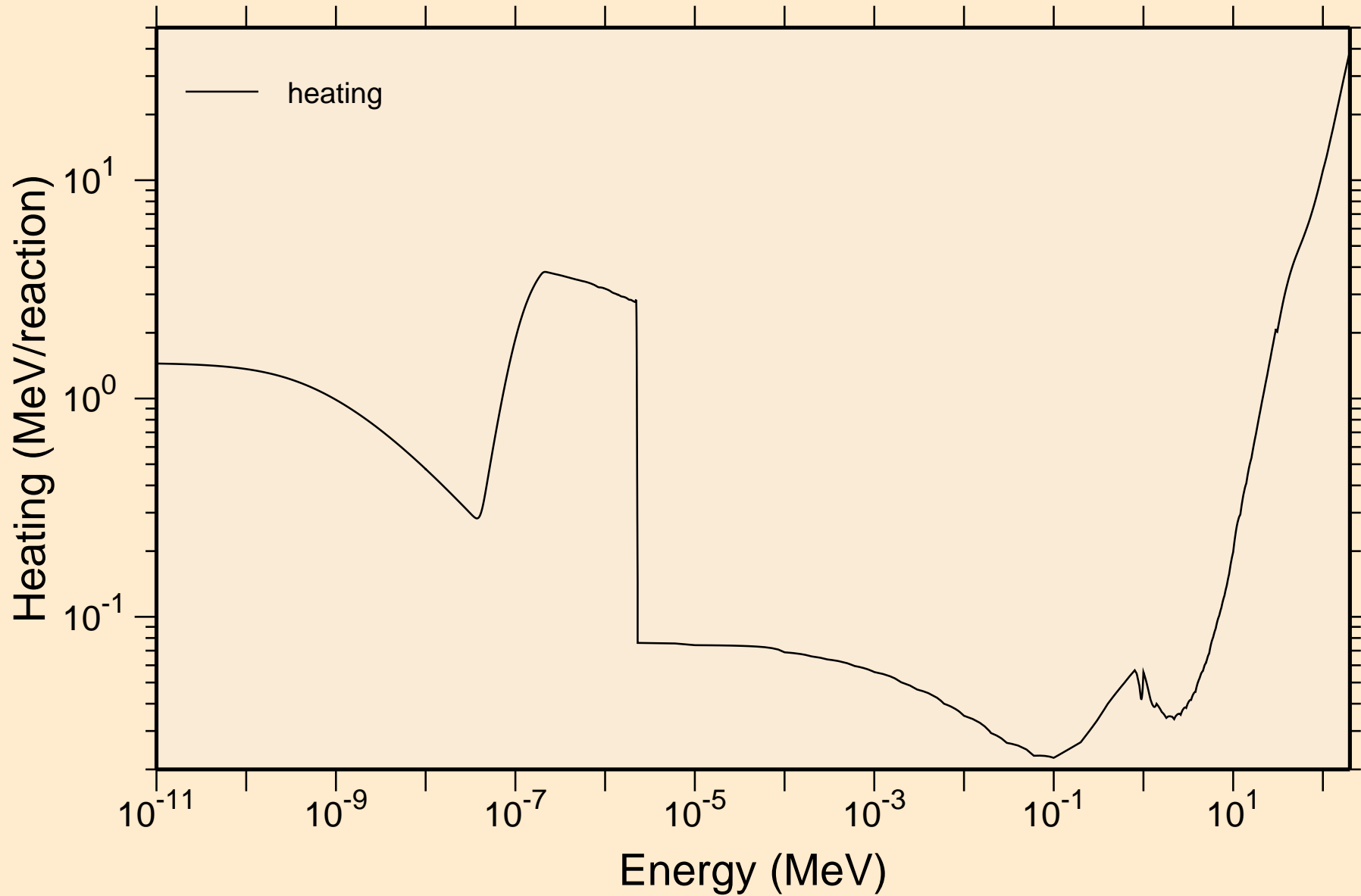


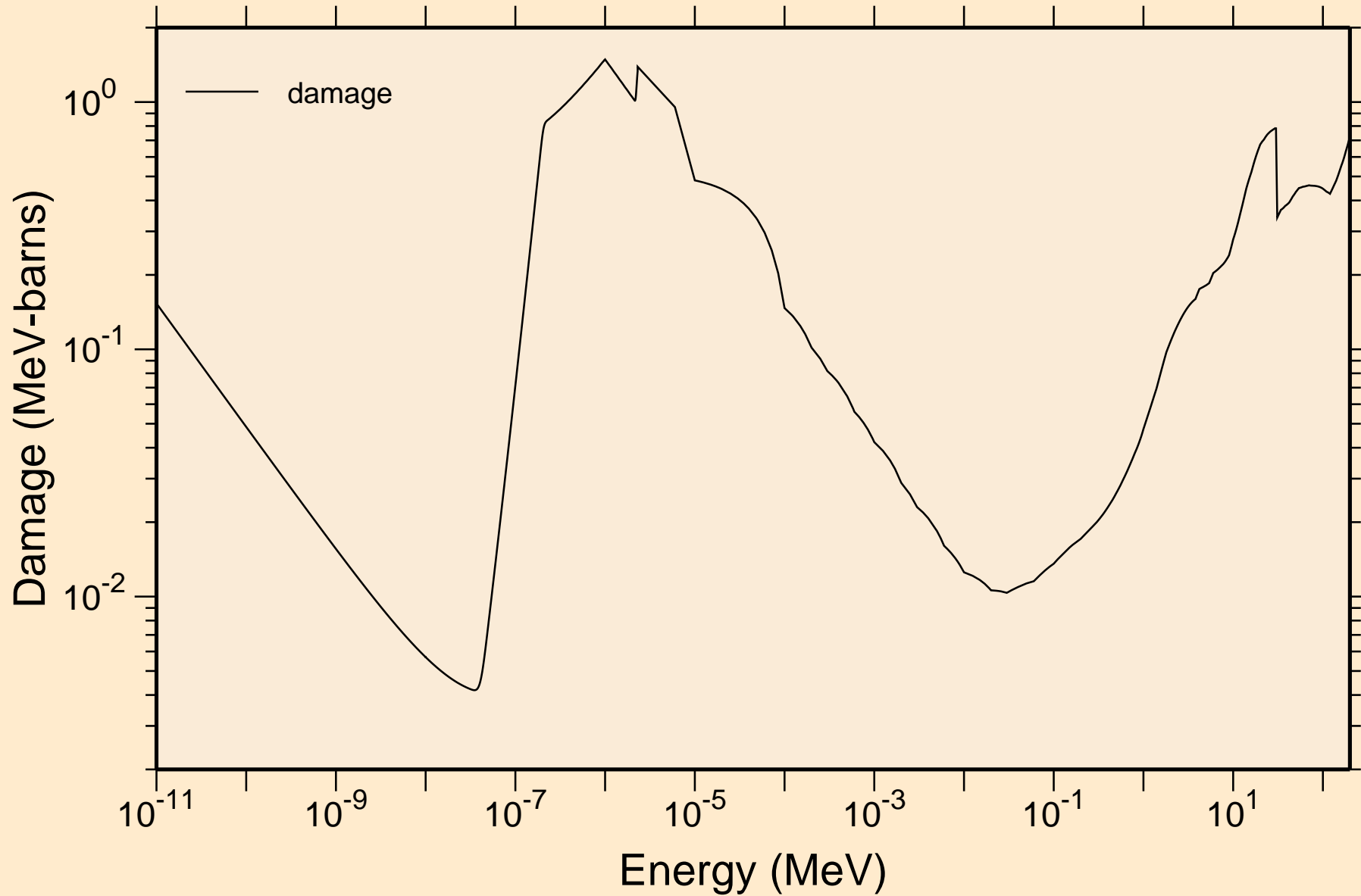
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Principal cross sections



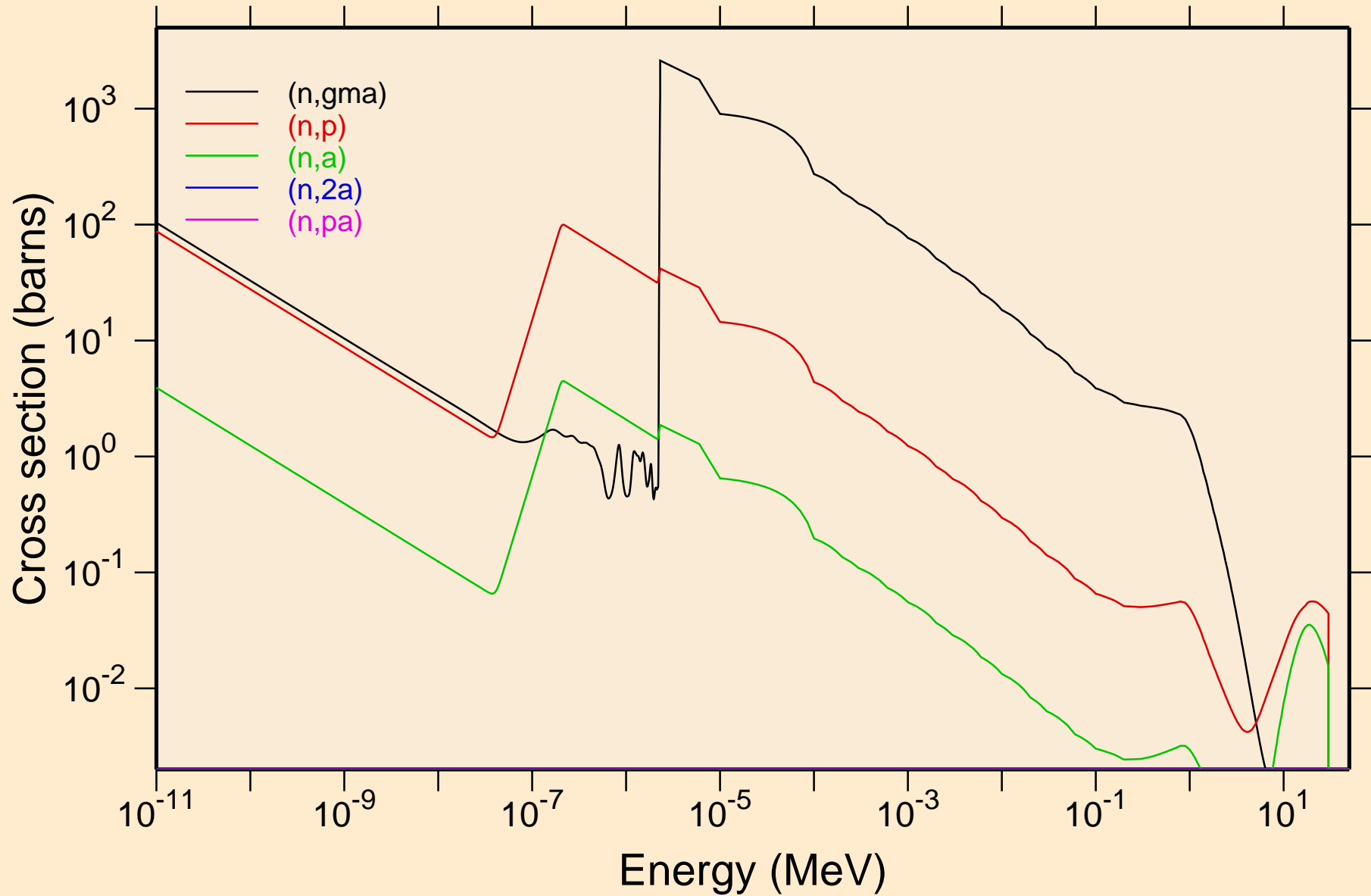
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Heating



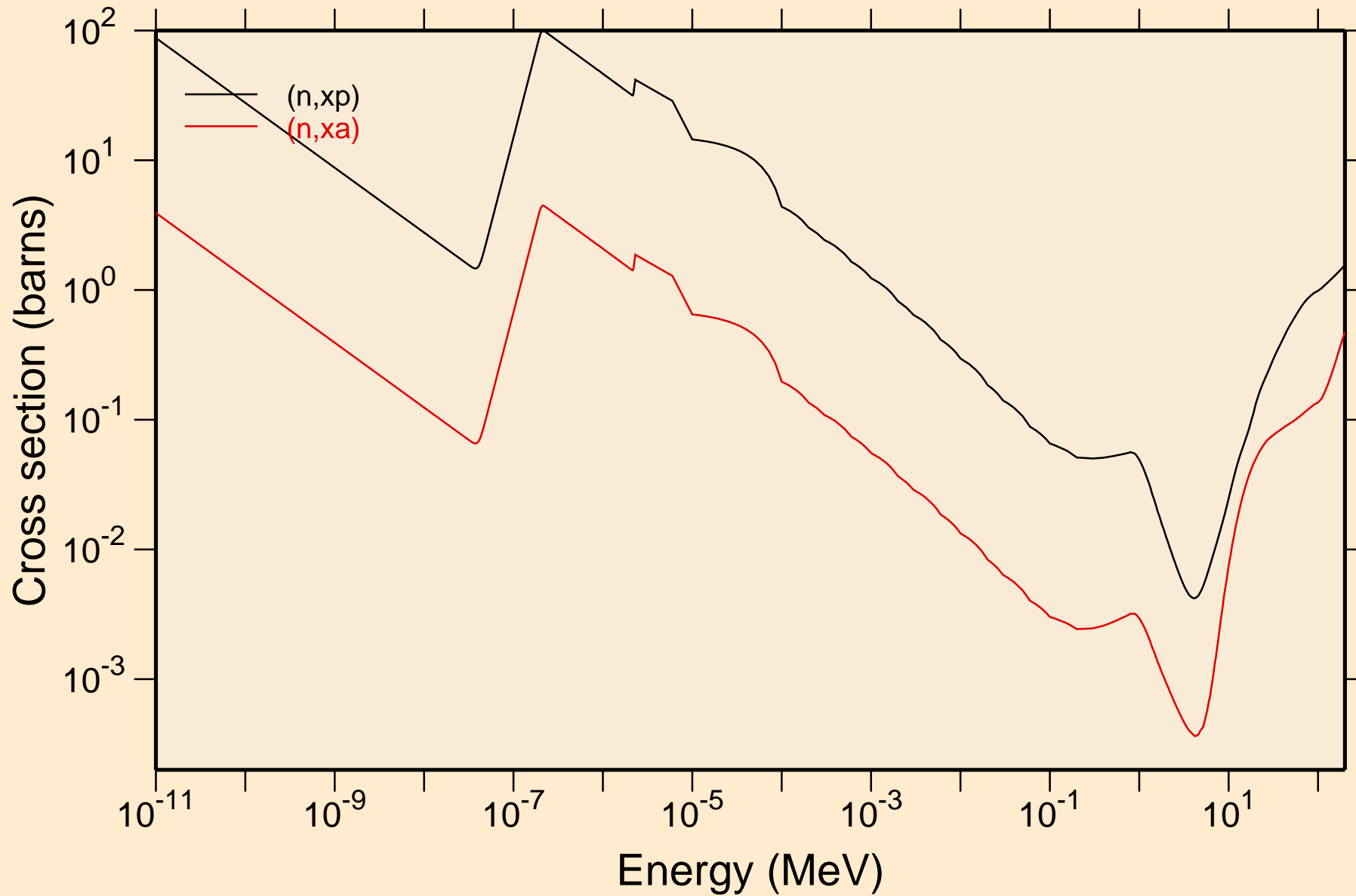
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage



LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

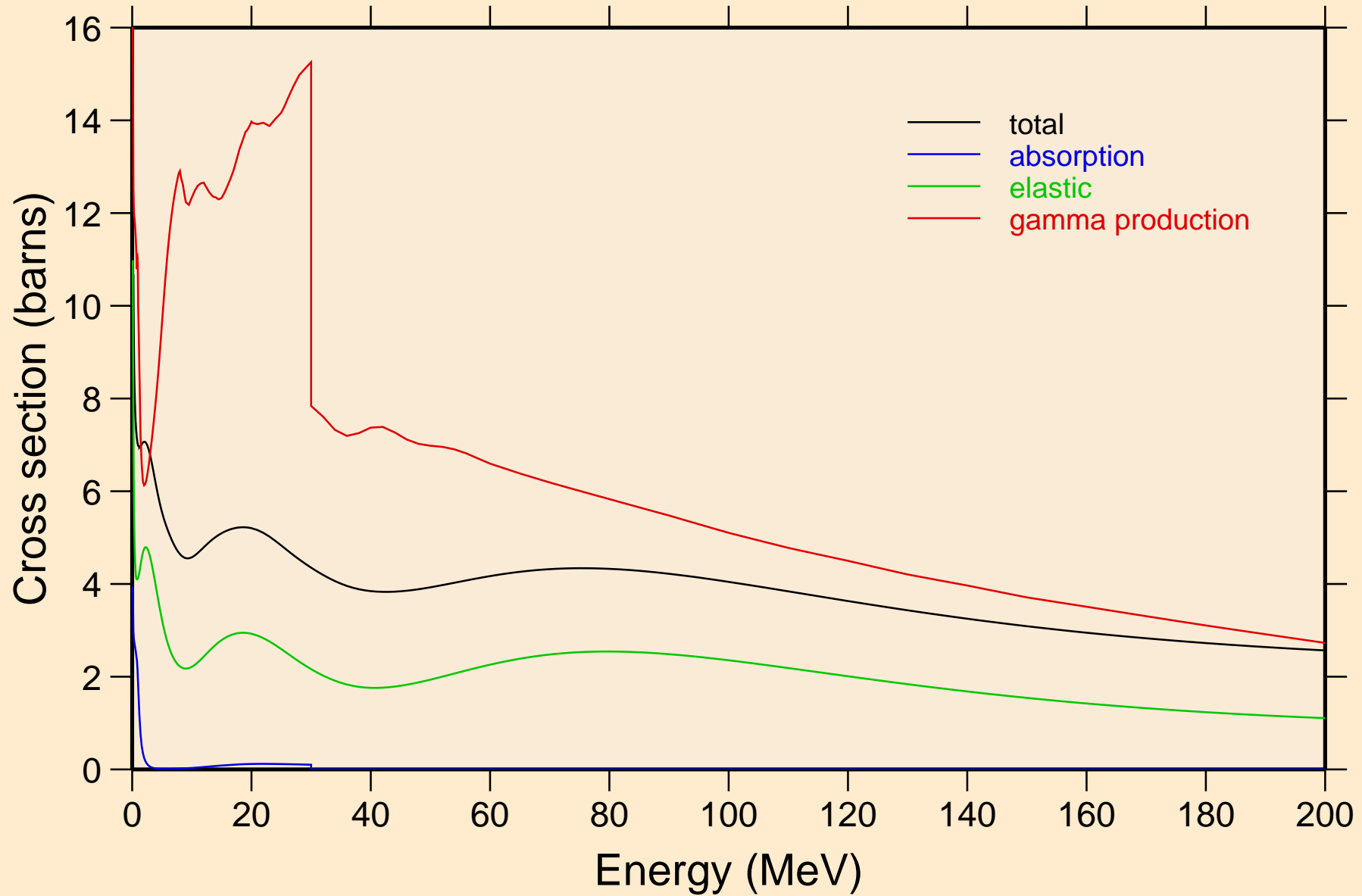


LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions

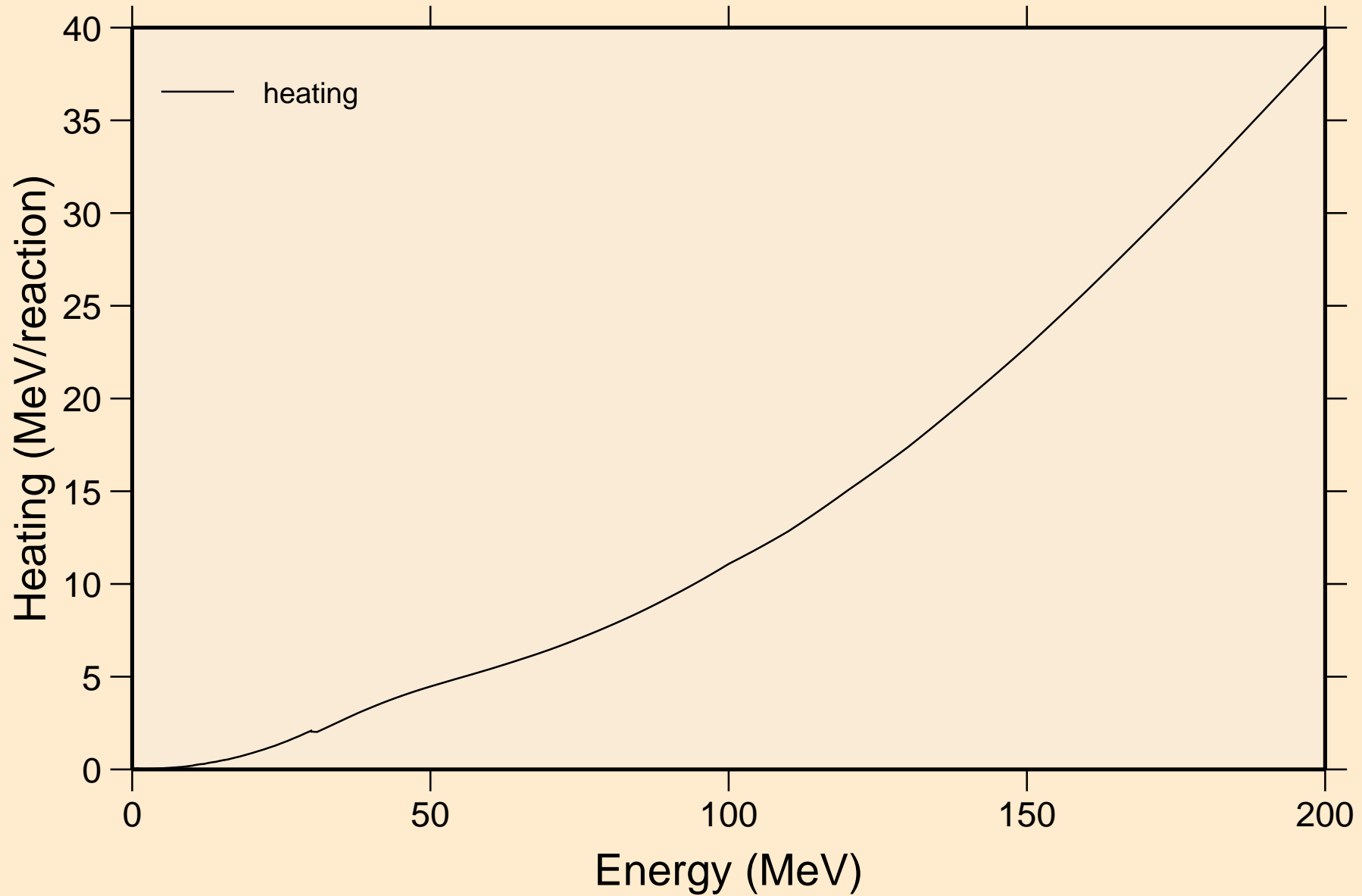


LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

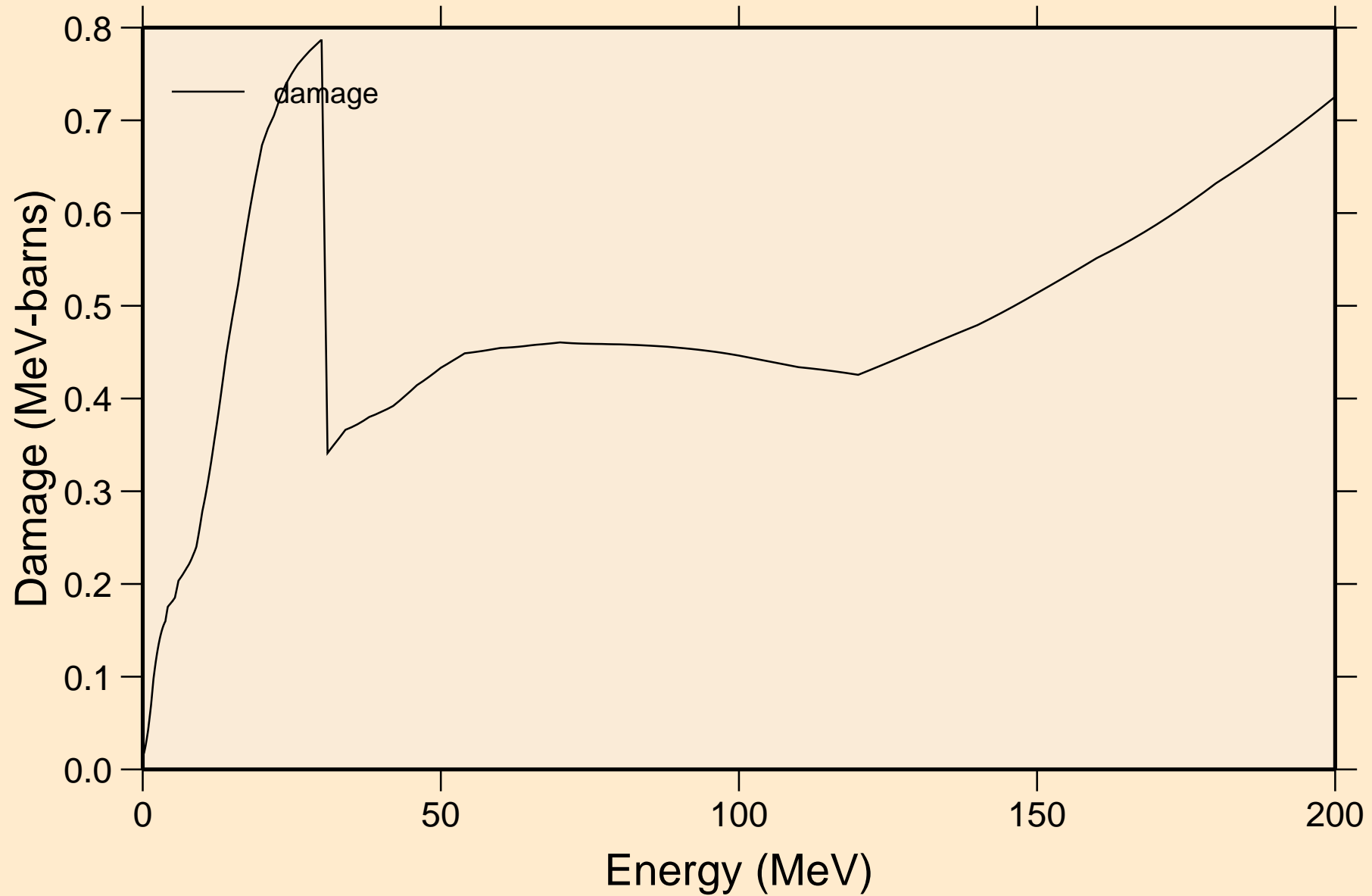
Principal cross sections



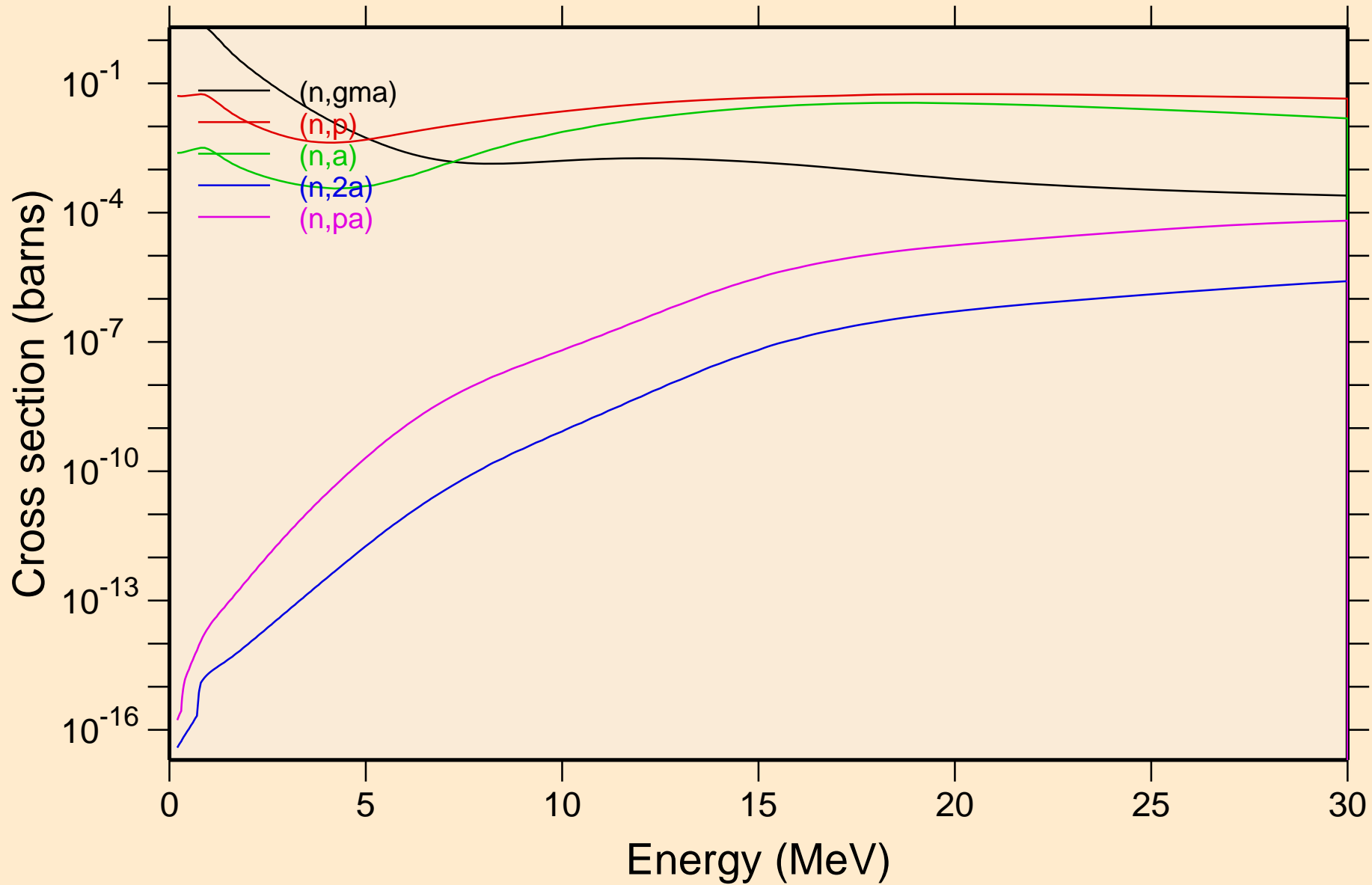
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Heating



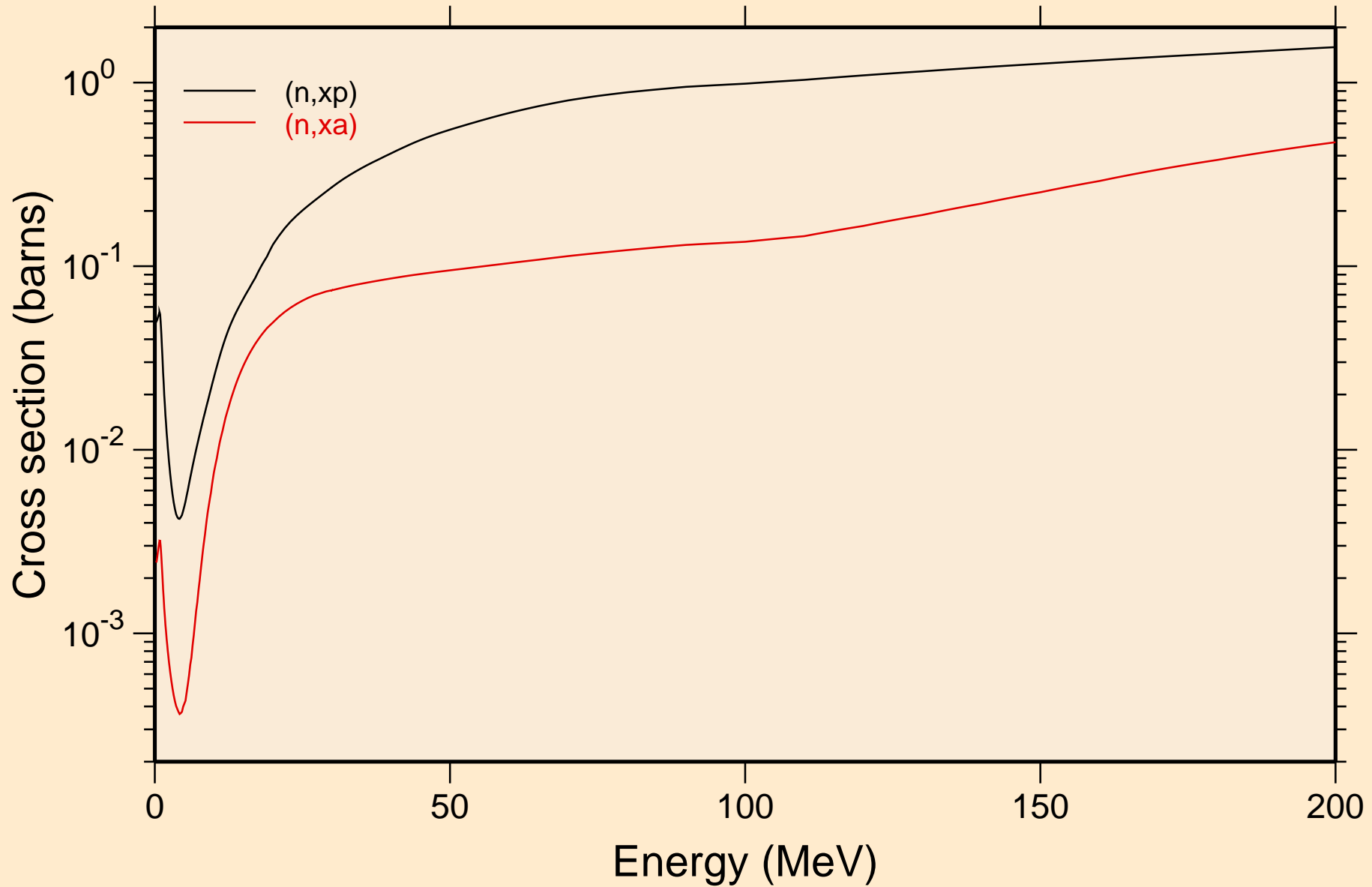
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Damage



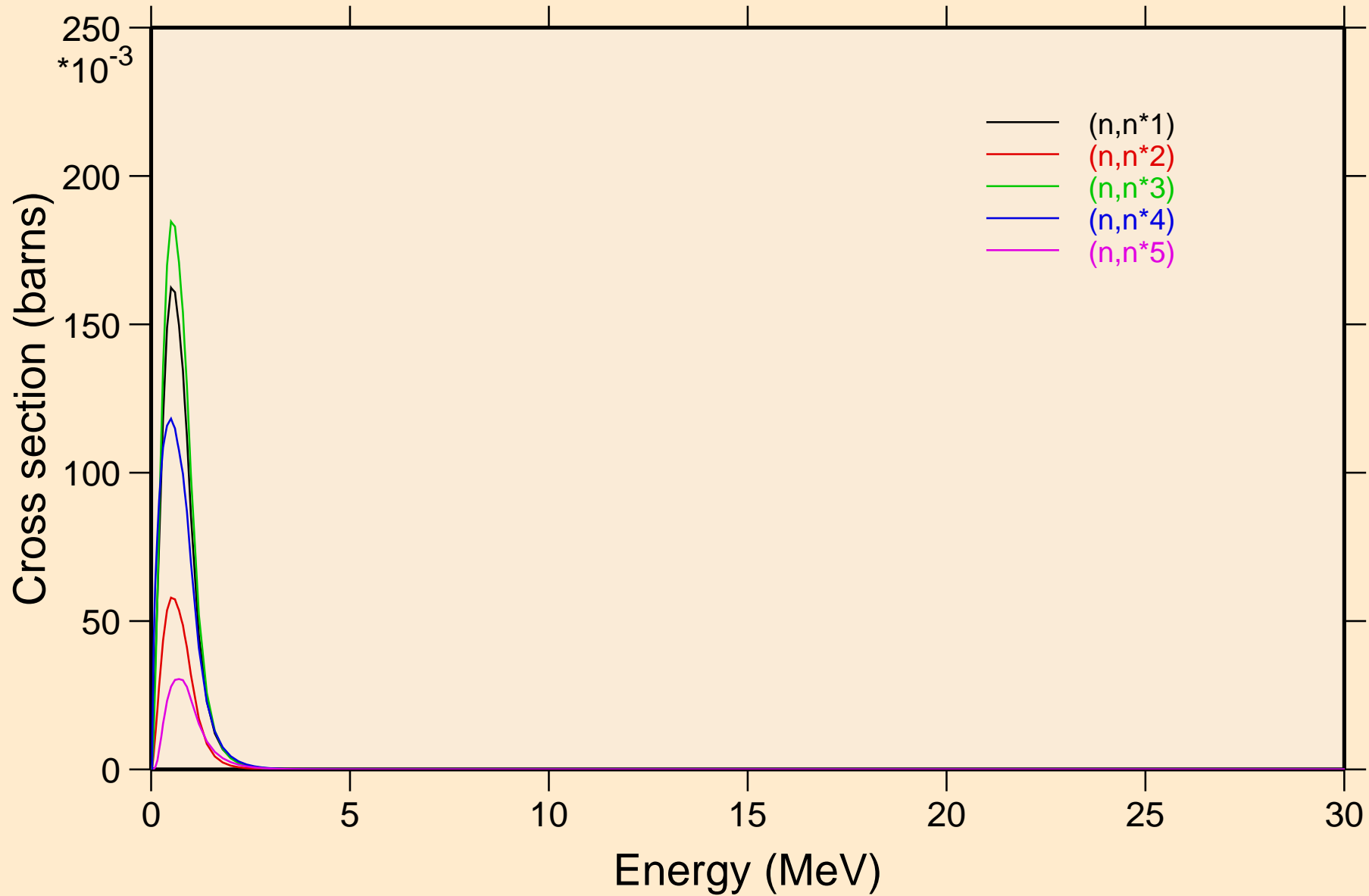
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



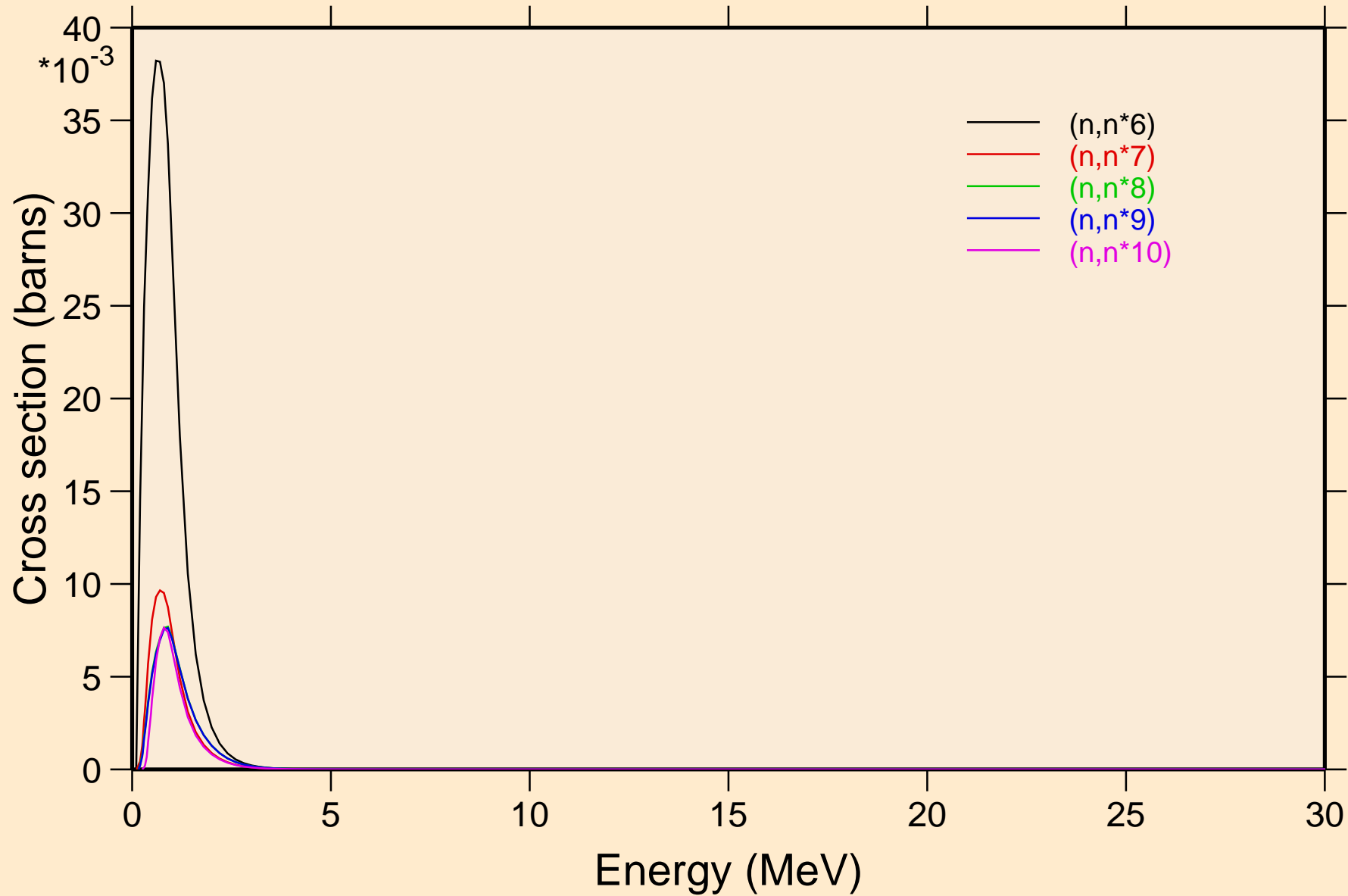
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Non-threshold reactions



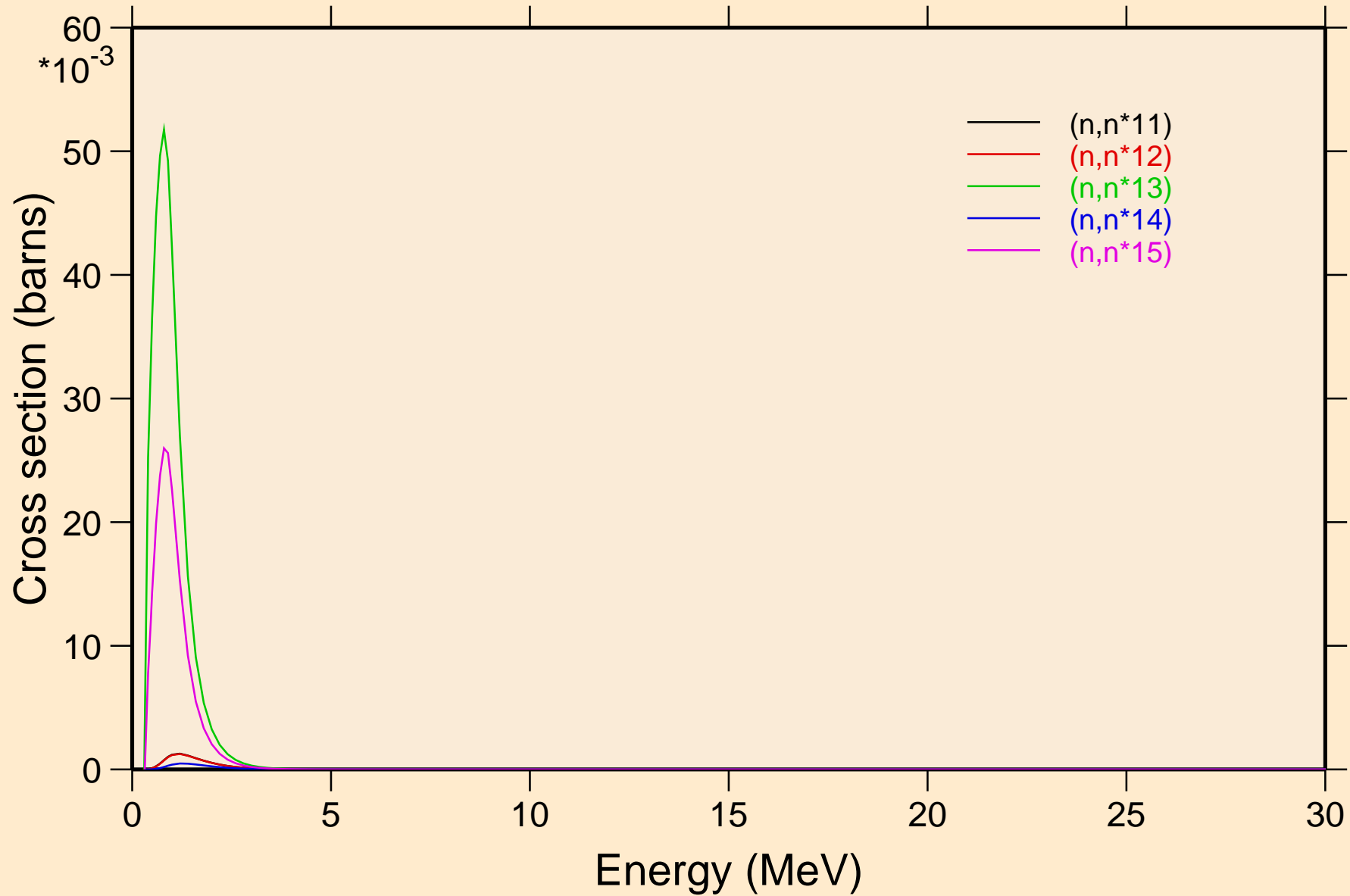
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



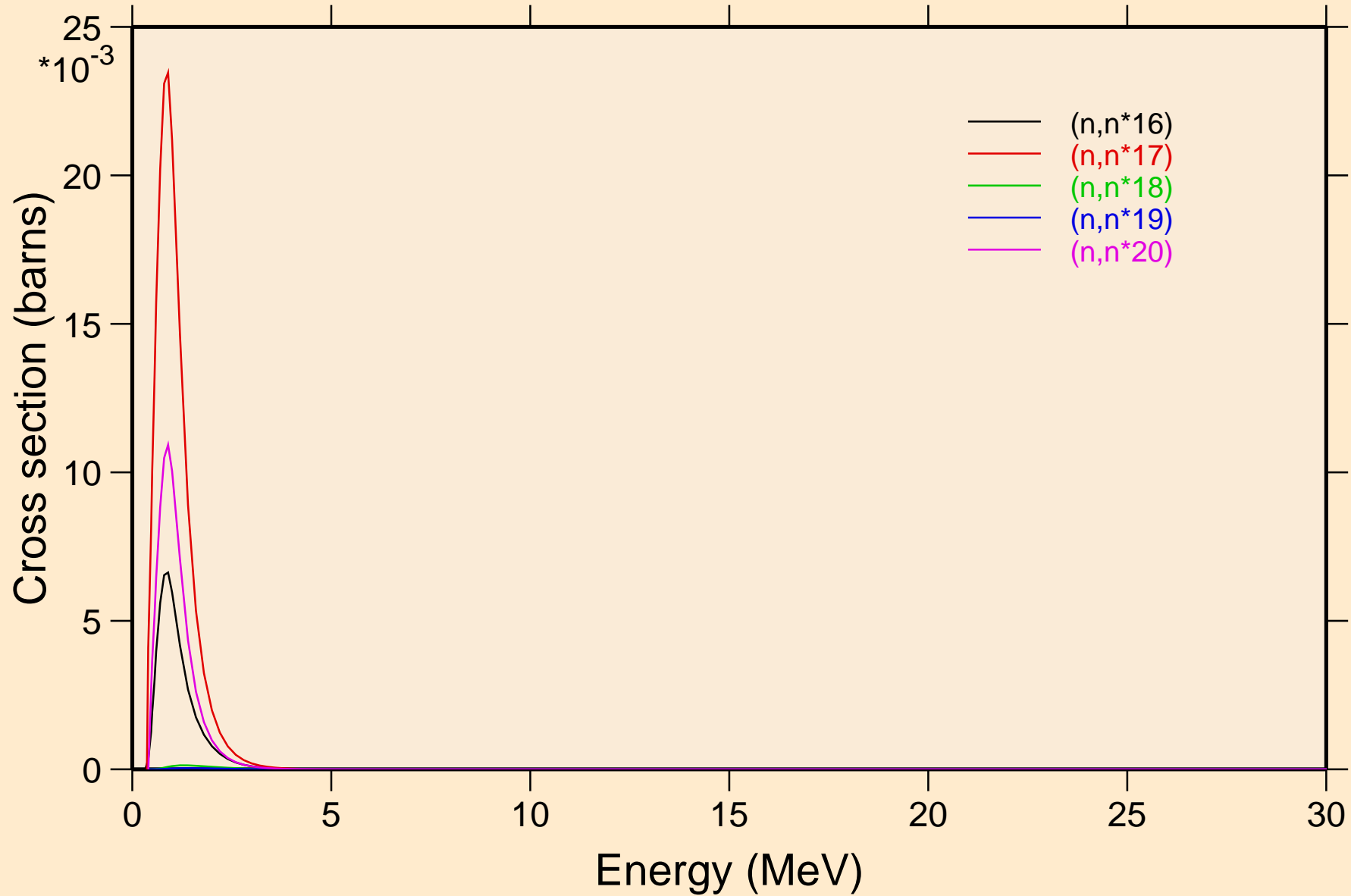
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



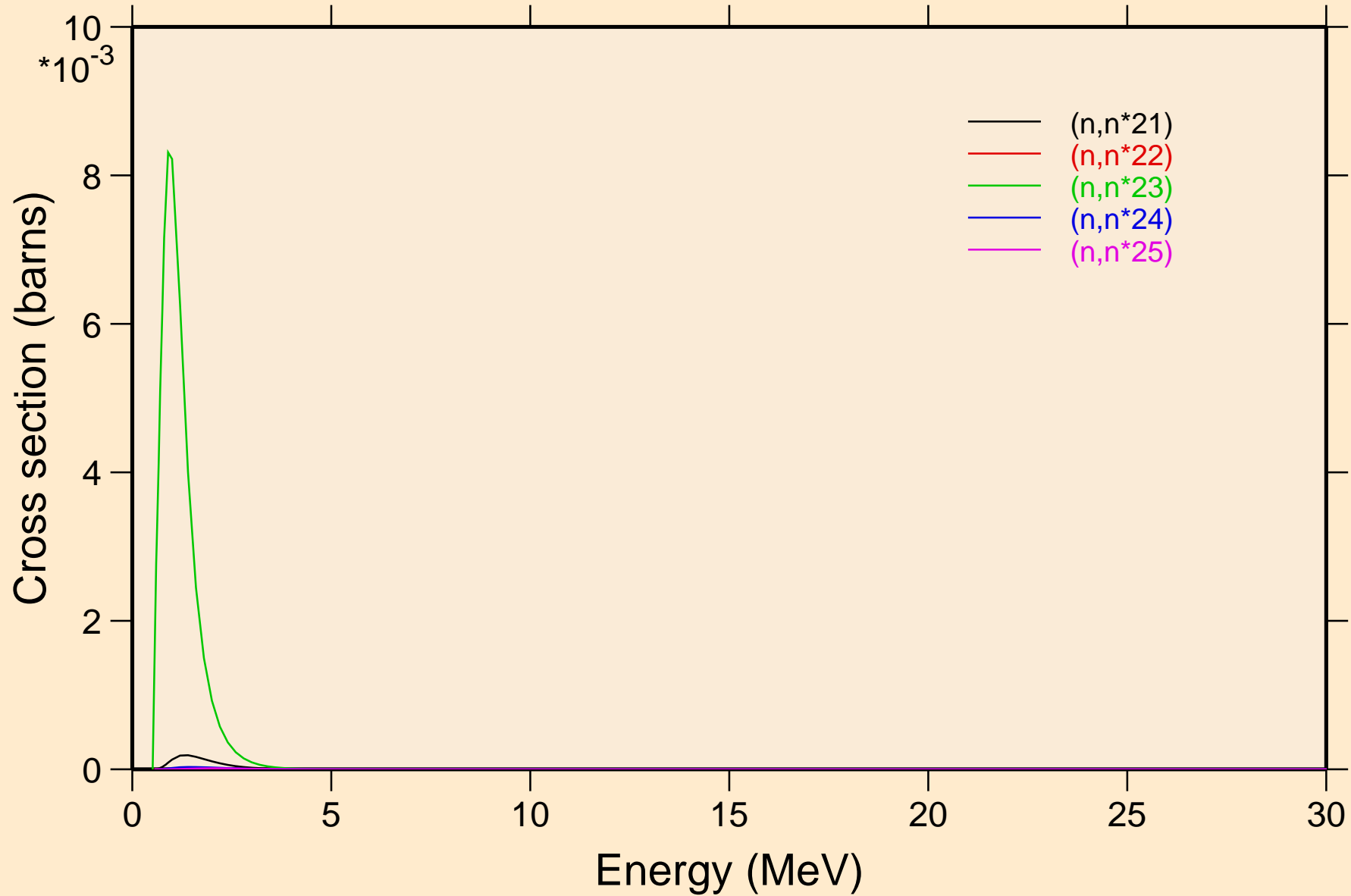
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



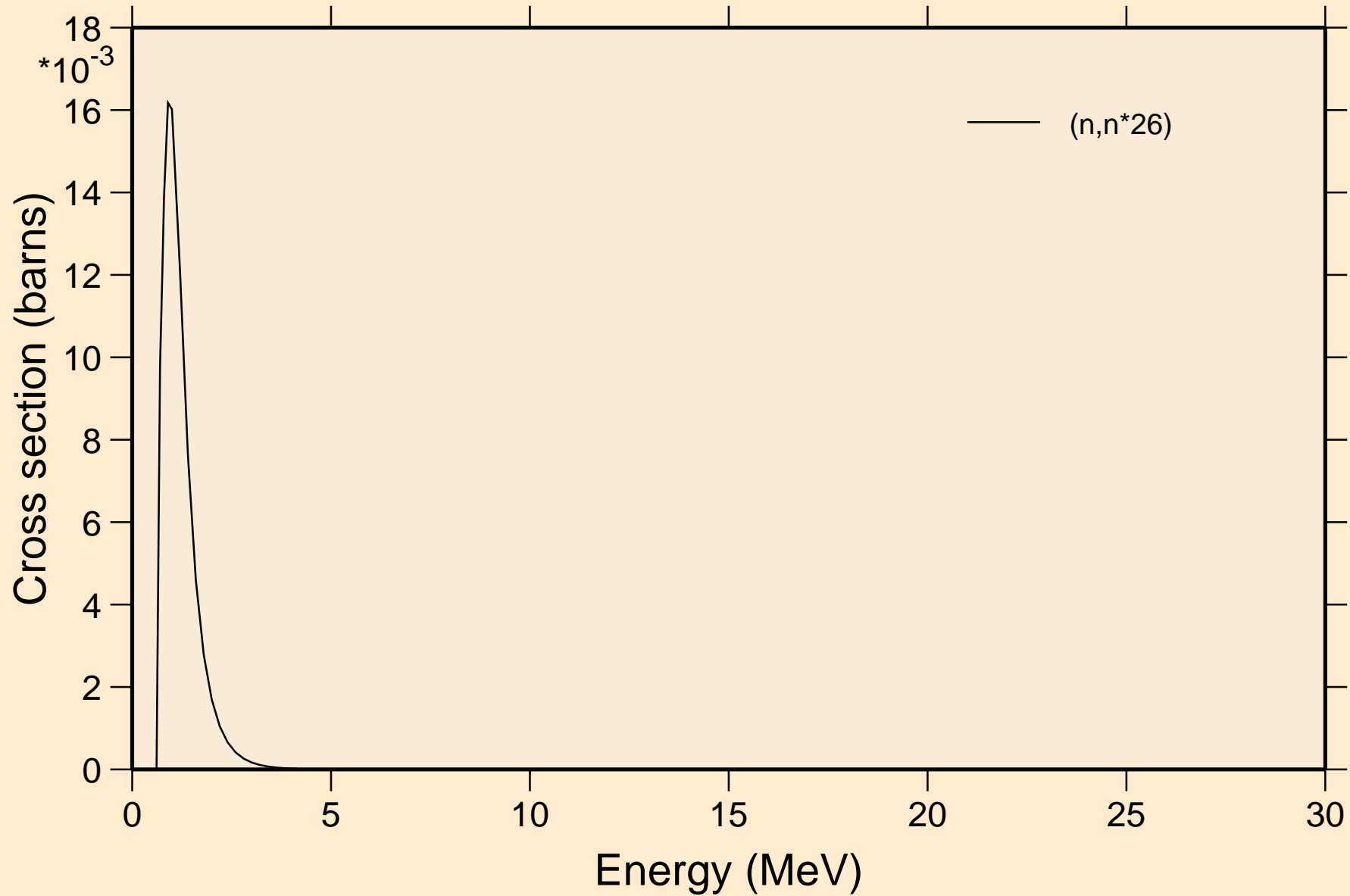
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



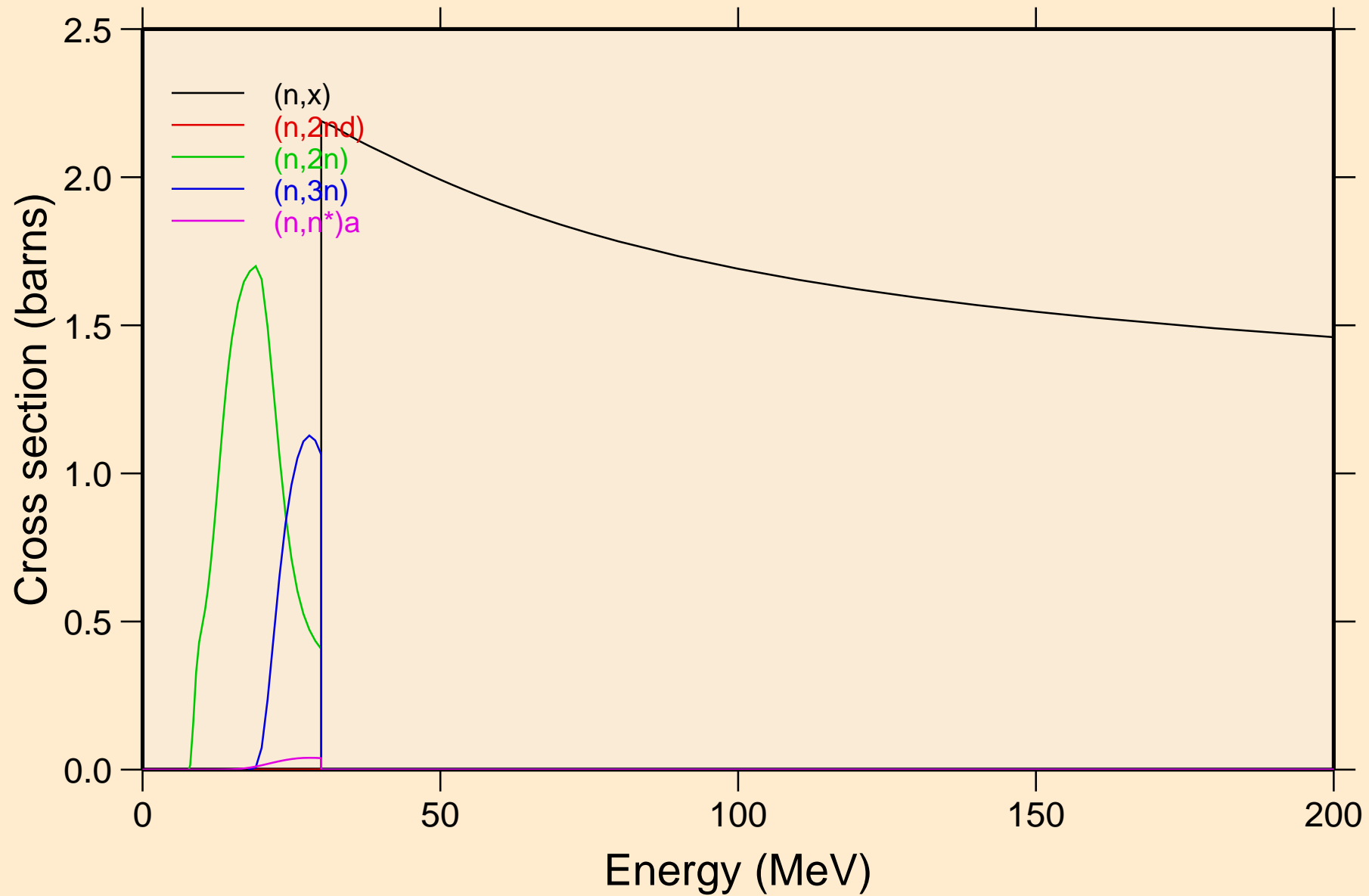
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



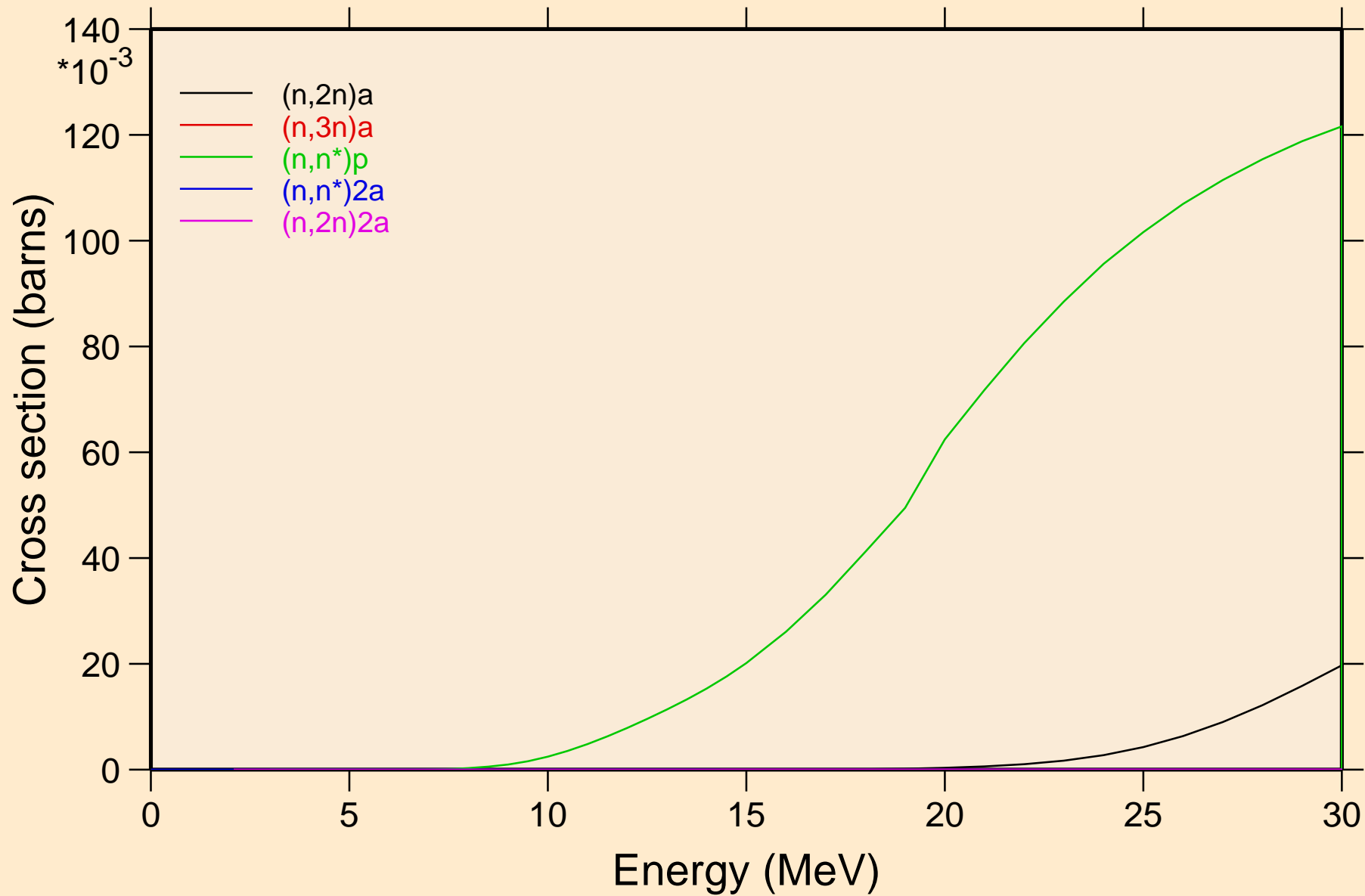
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Inelastic levels



LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

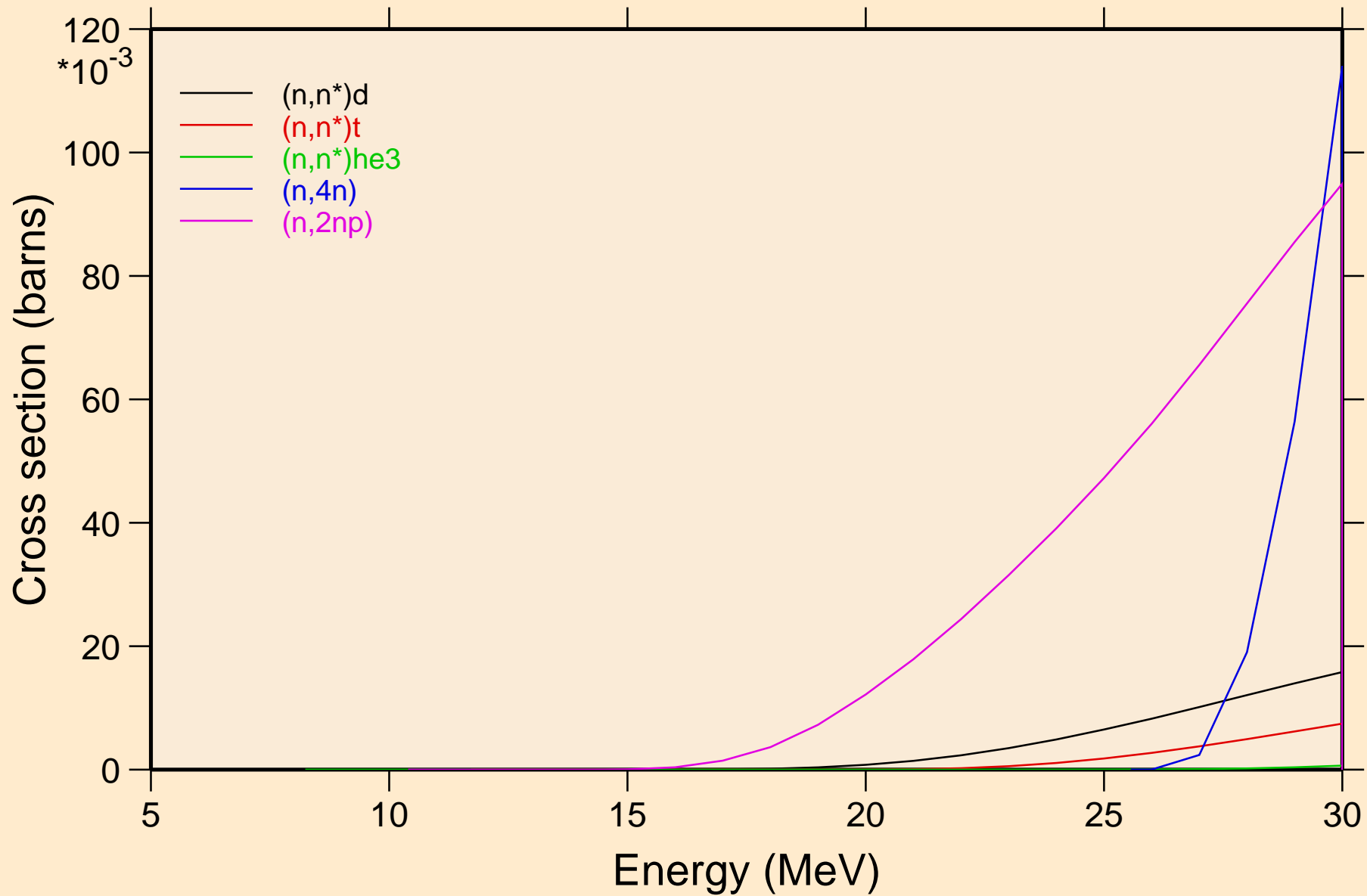


LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions

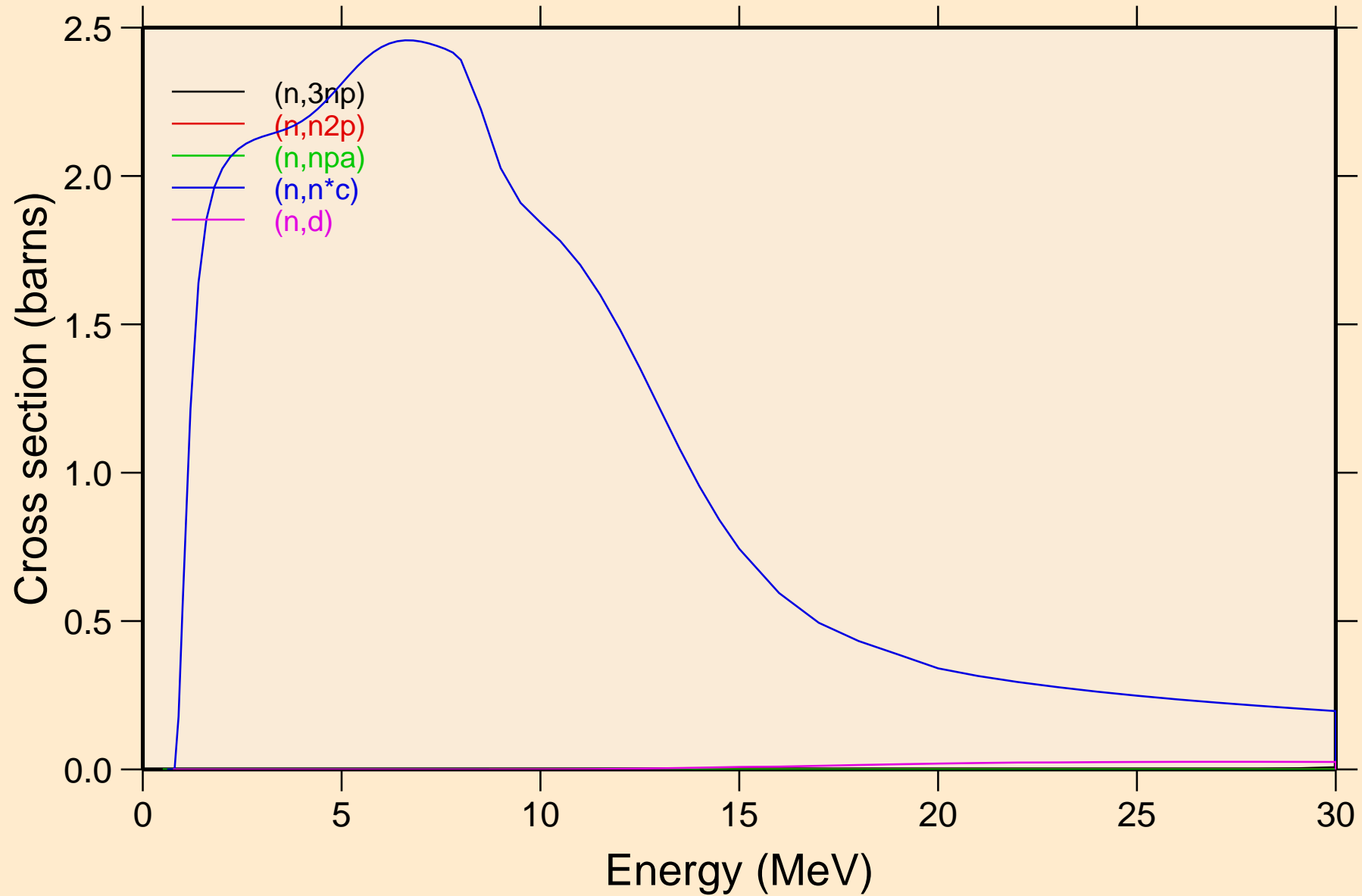


LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K

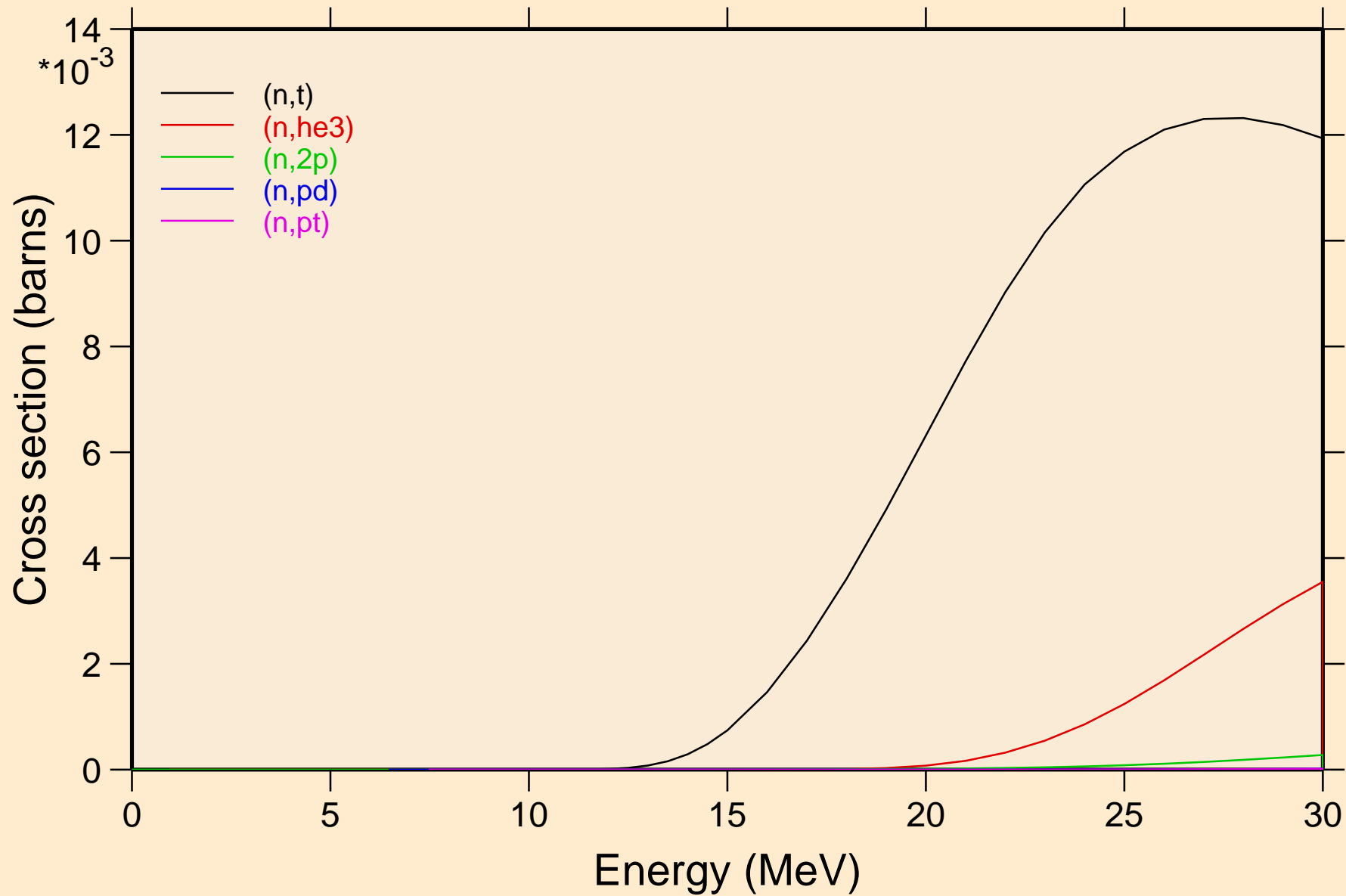
Threshold reactions



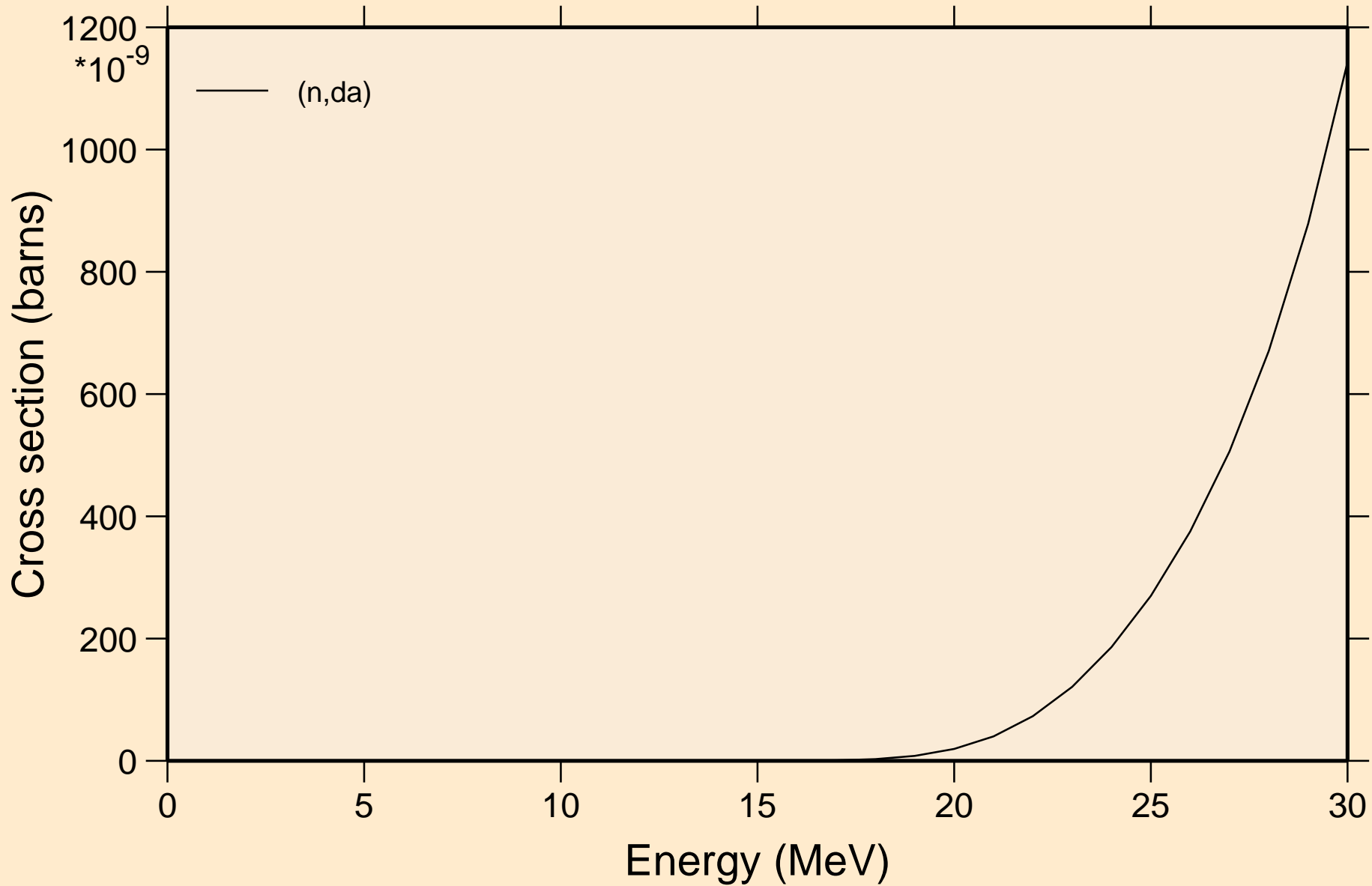
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



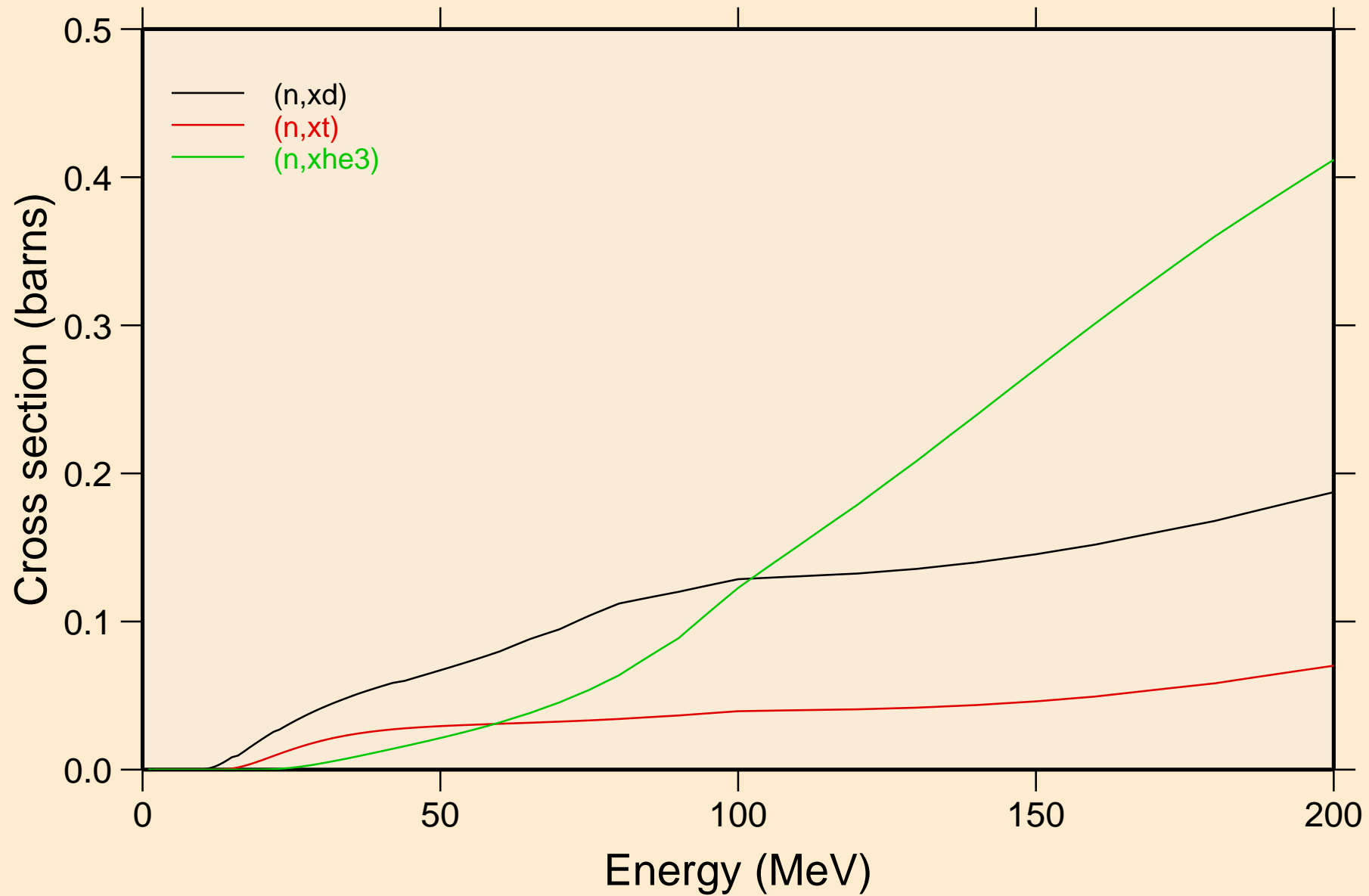
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



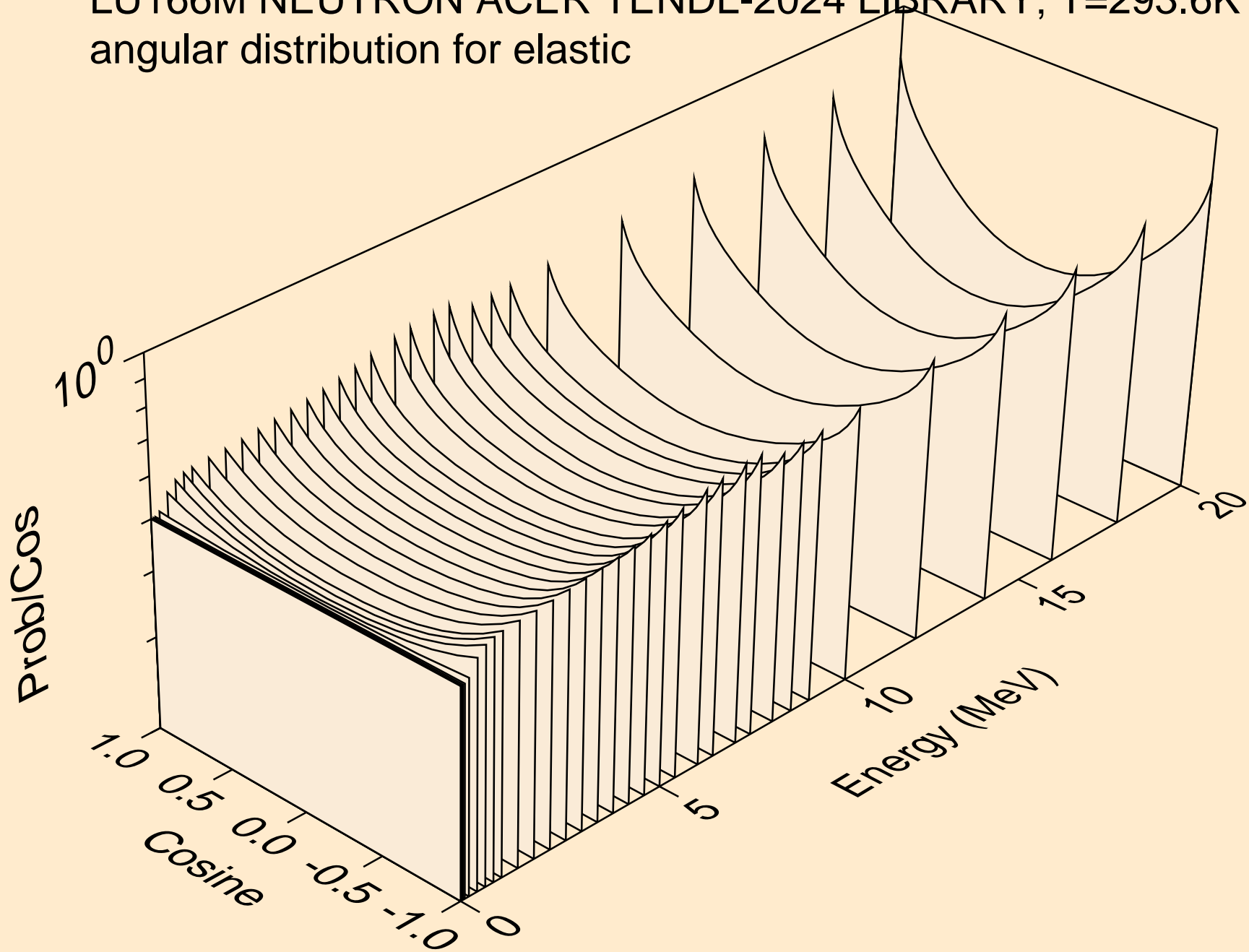
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



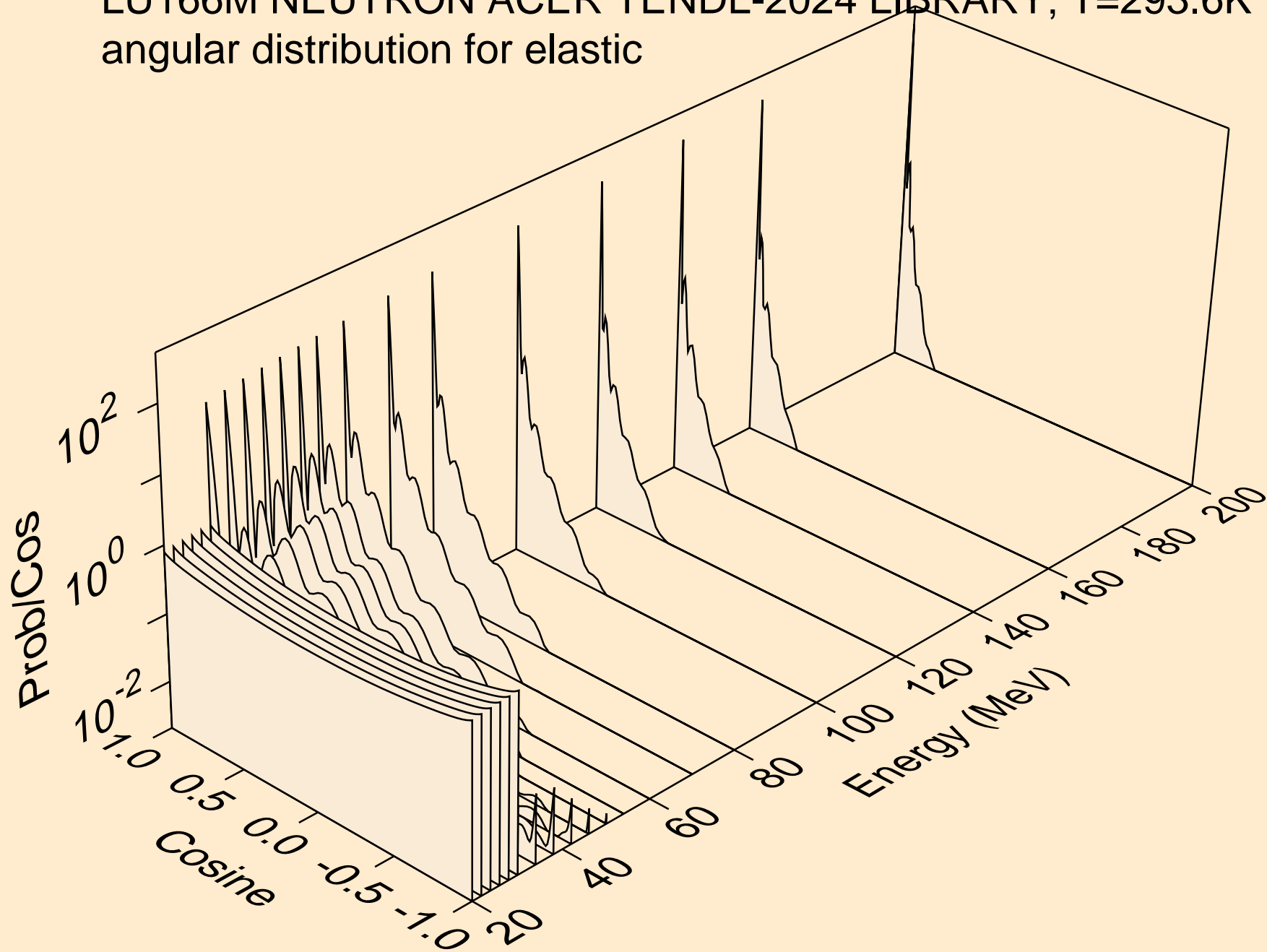
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Threshold reactions



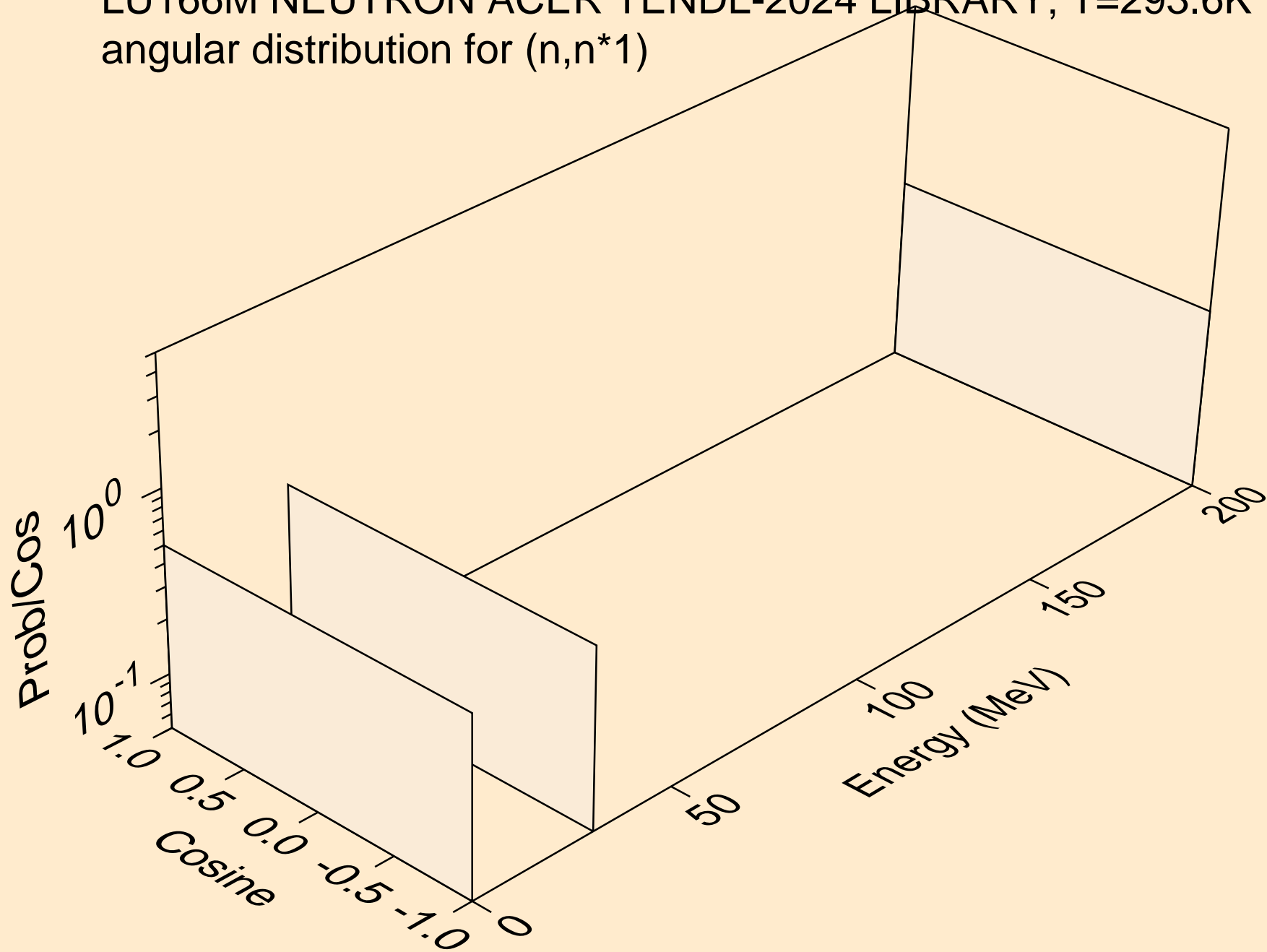
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



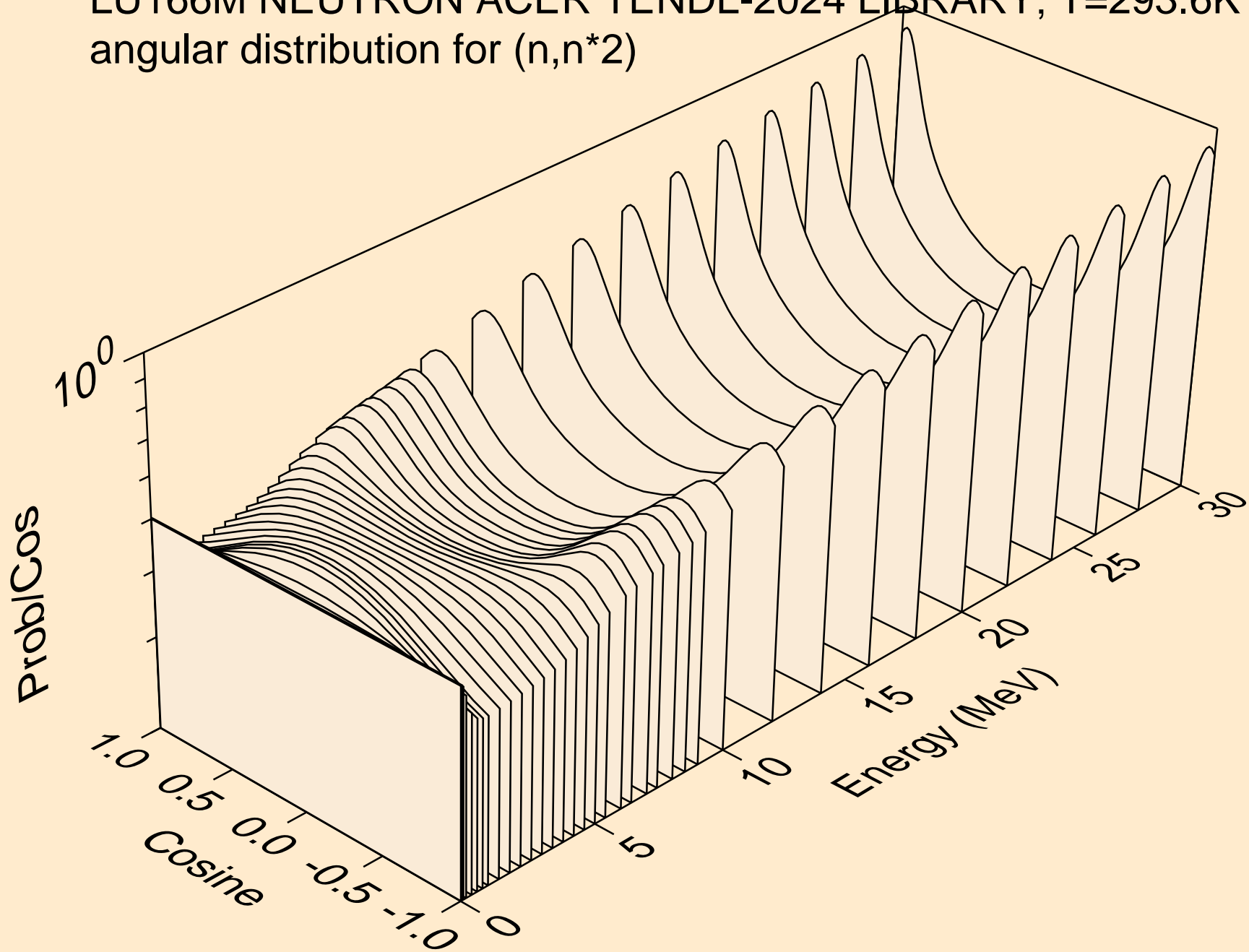
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for elastic



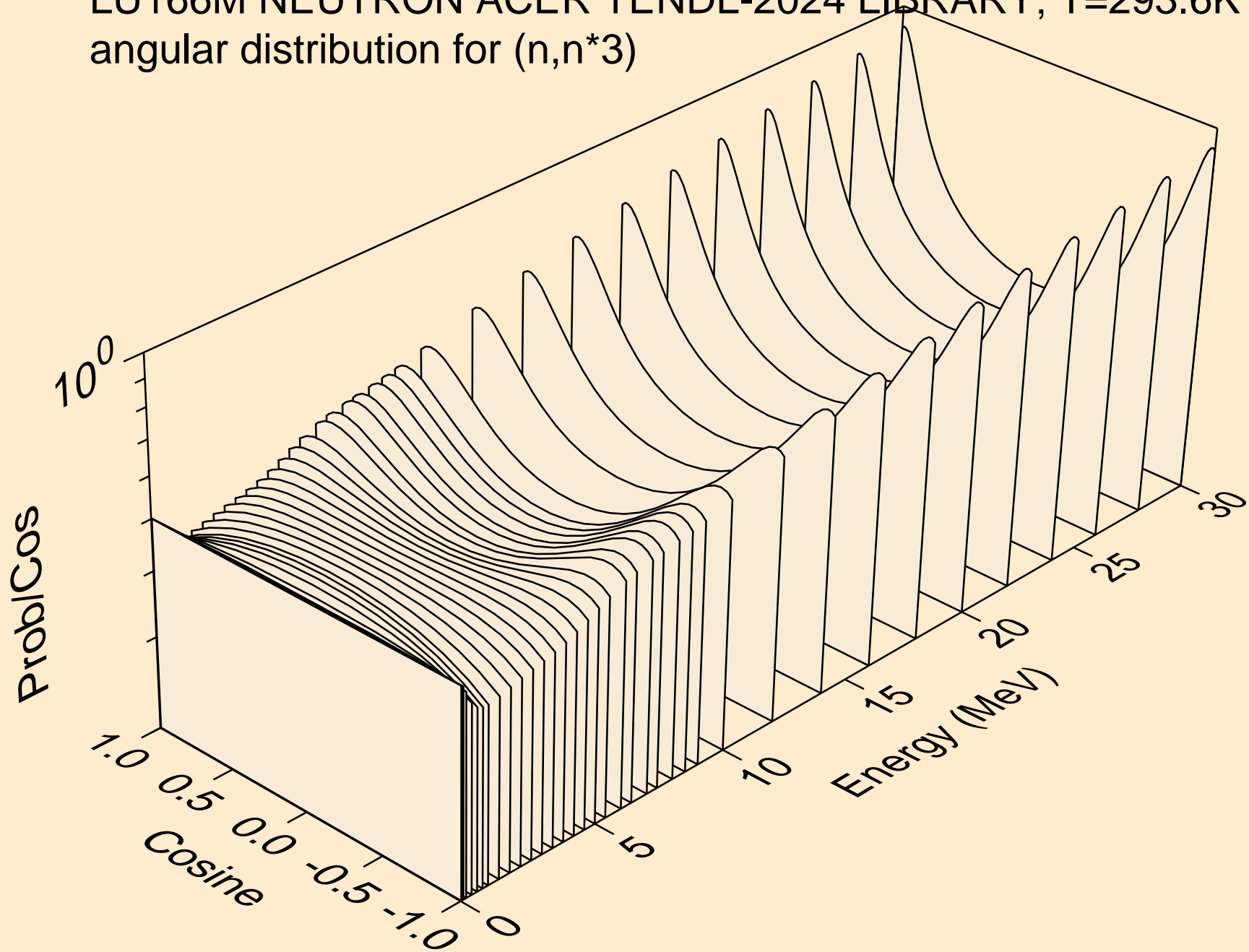
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*1)



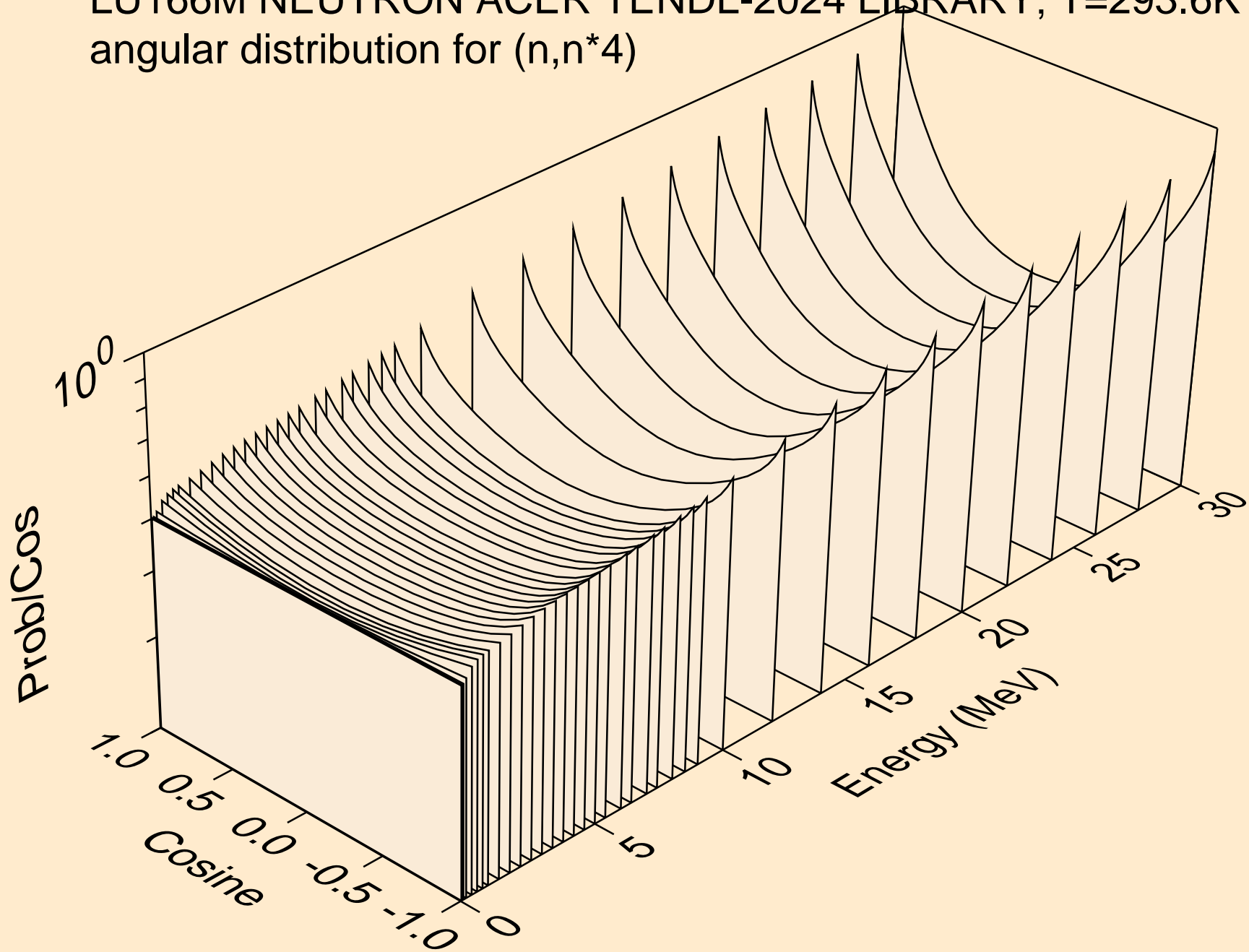
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*2)



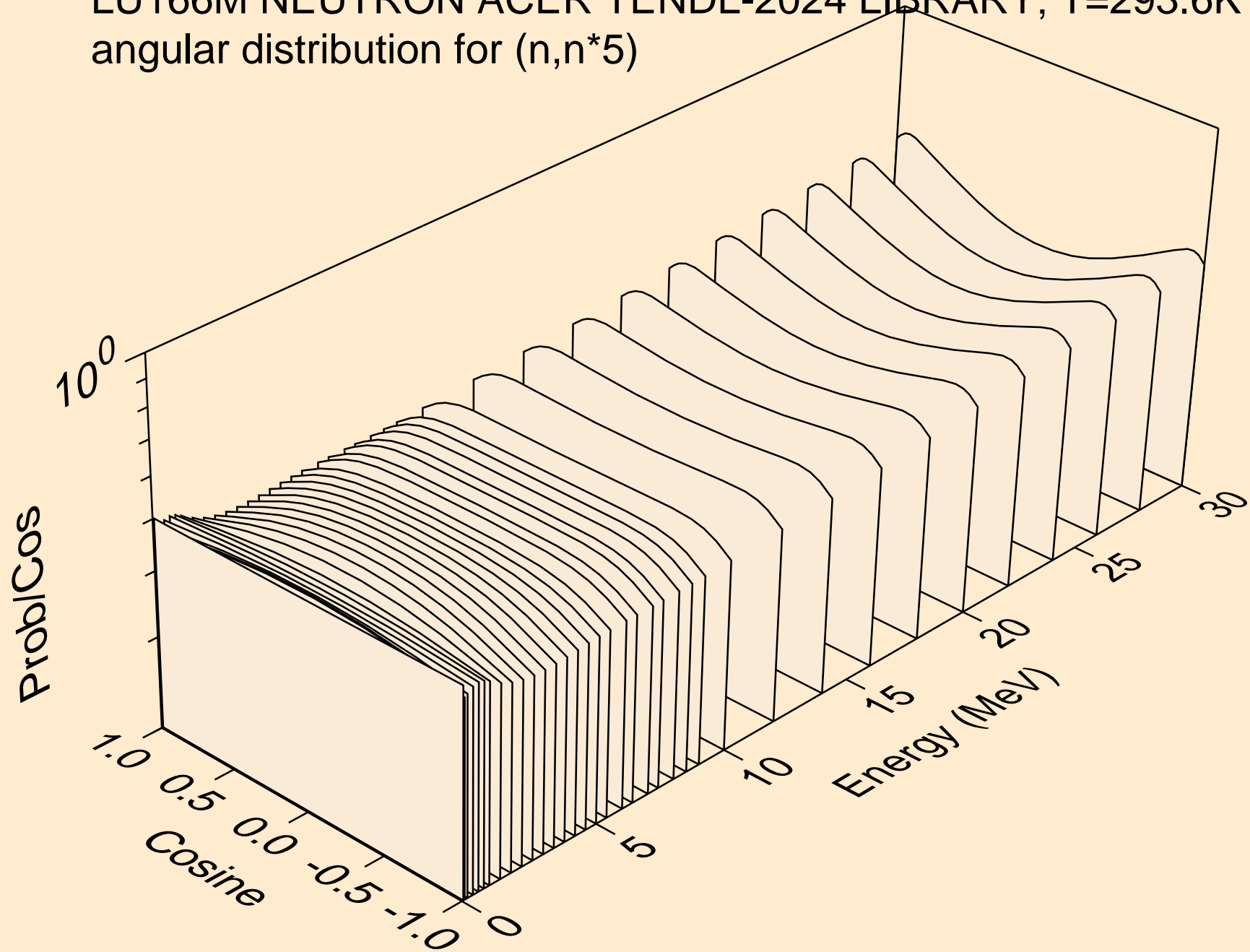
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*3)



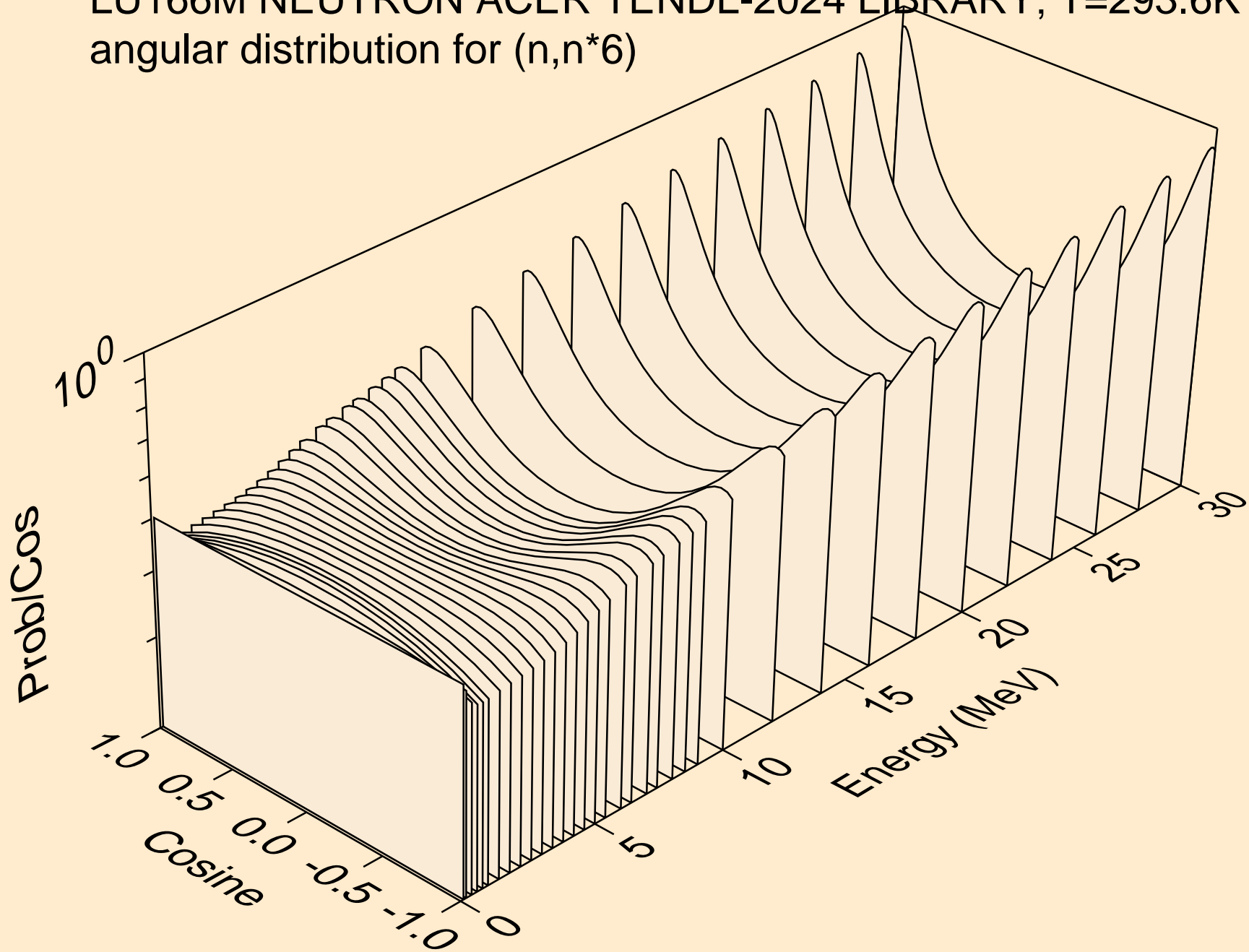
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*4)



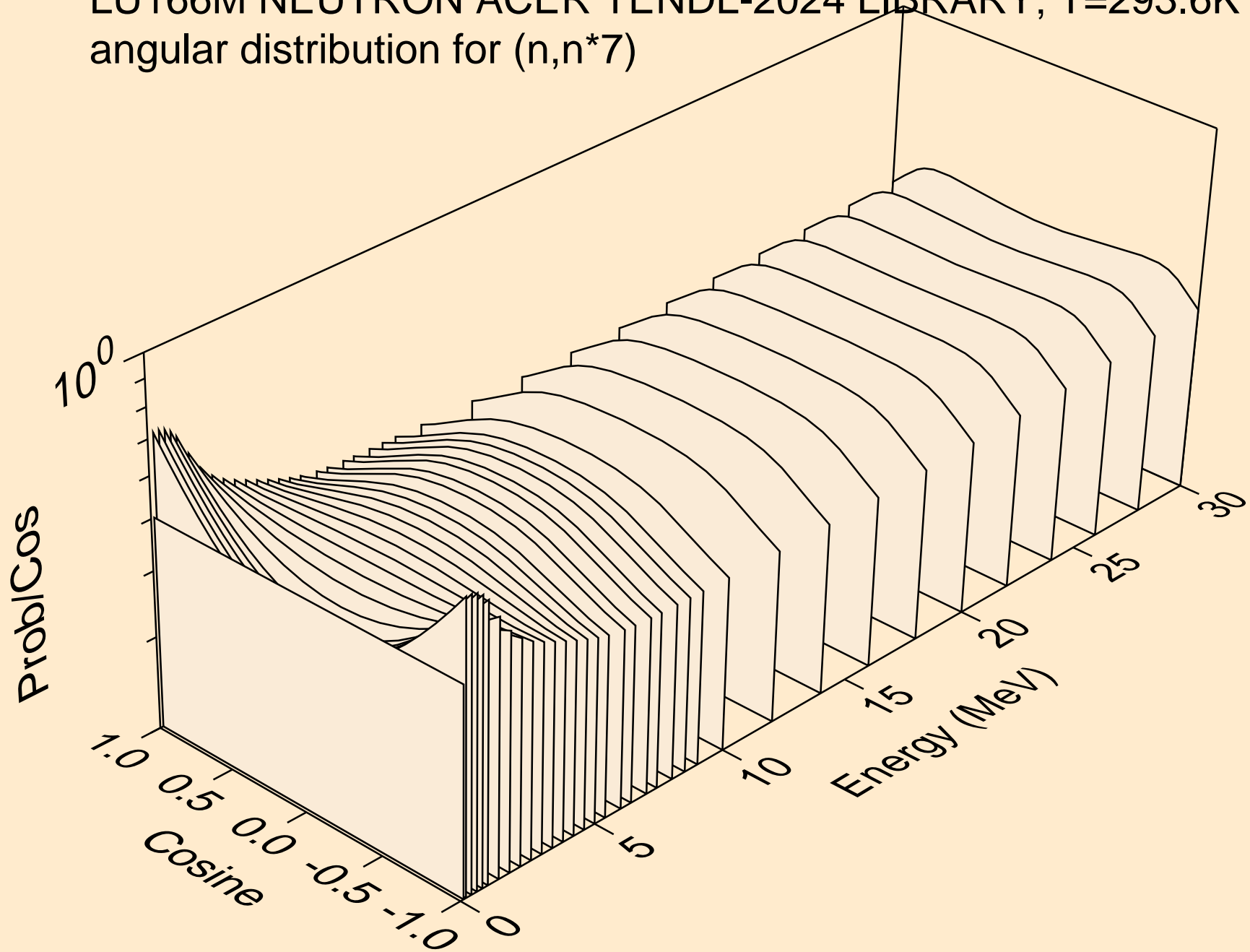
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*5)



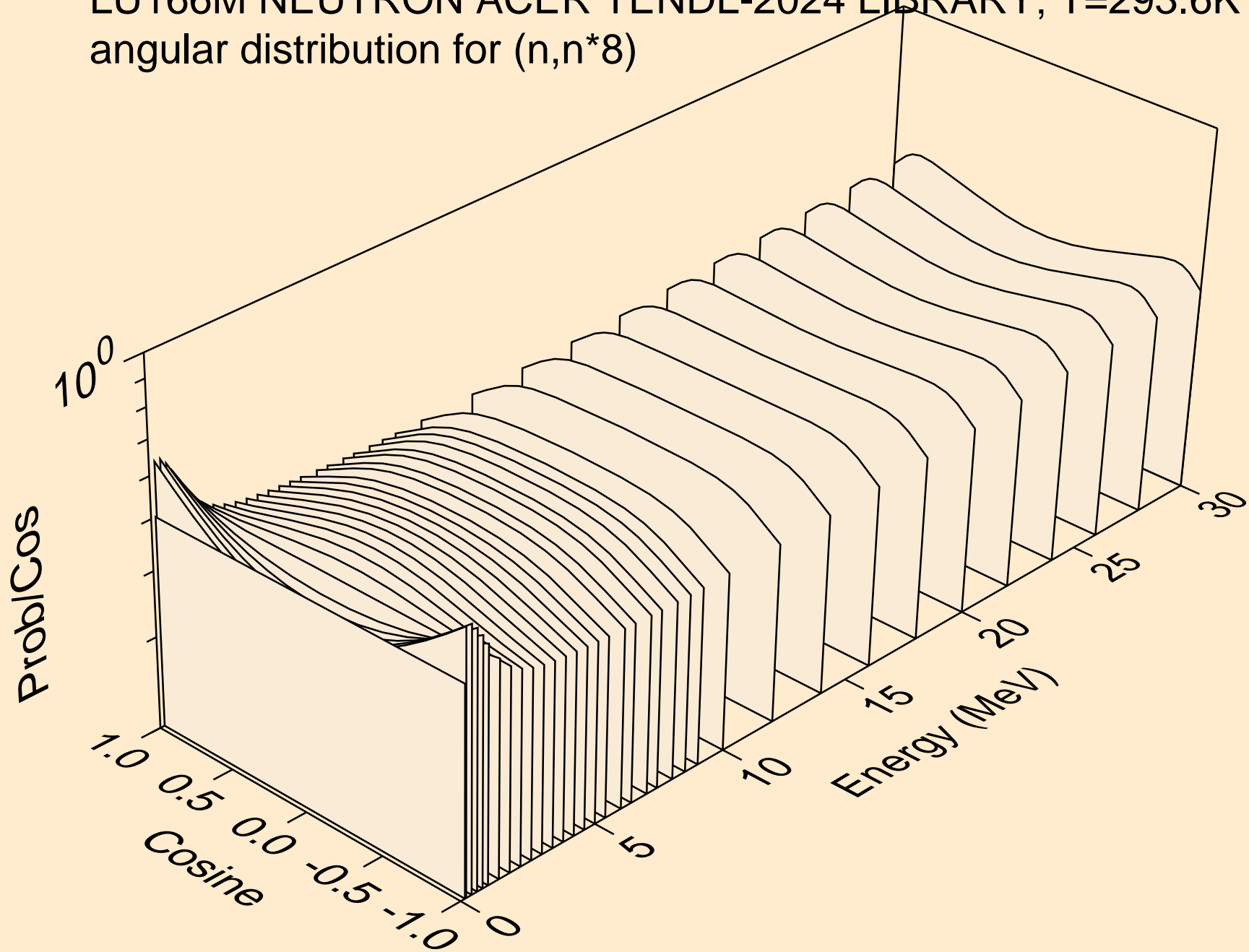
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*6)



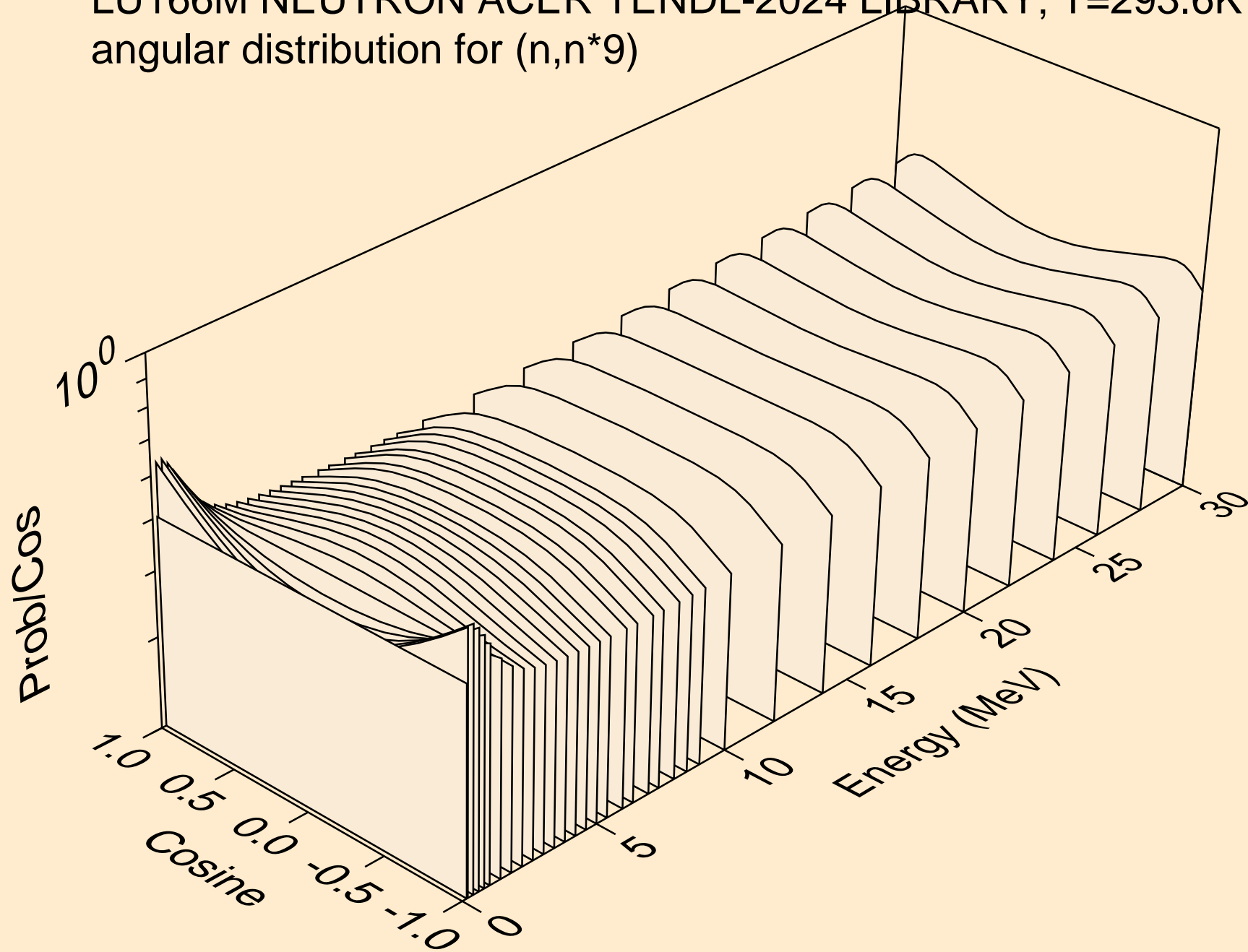
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*7)



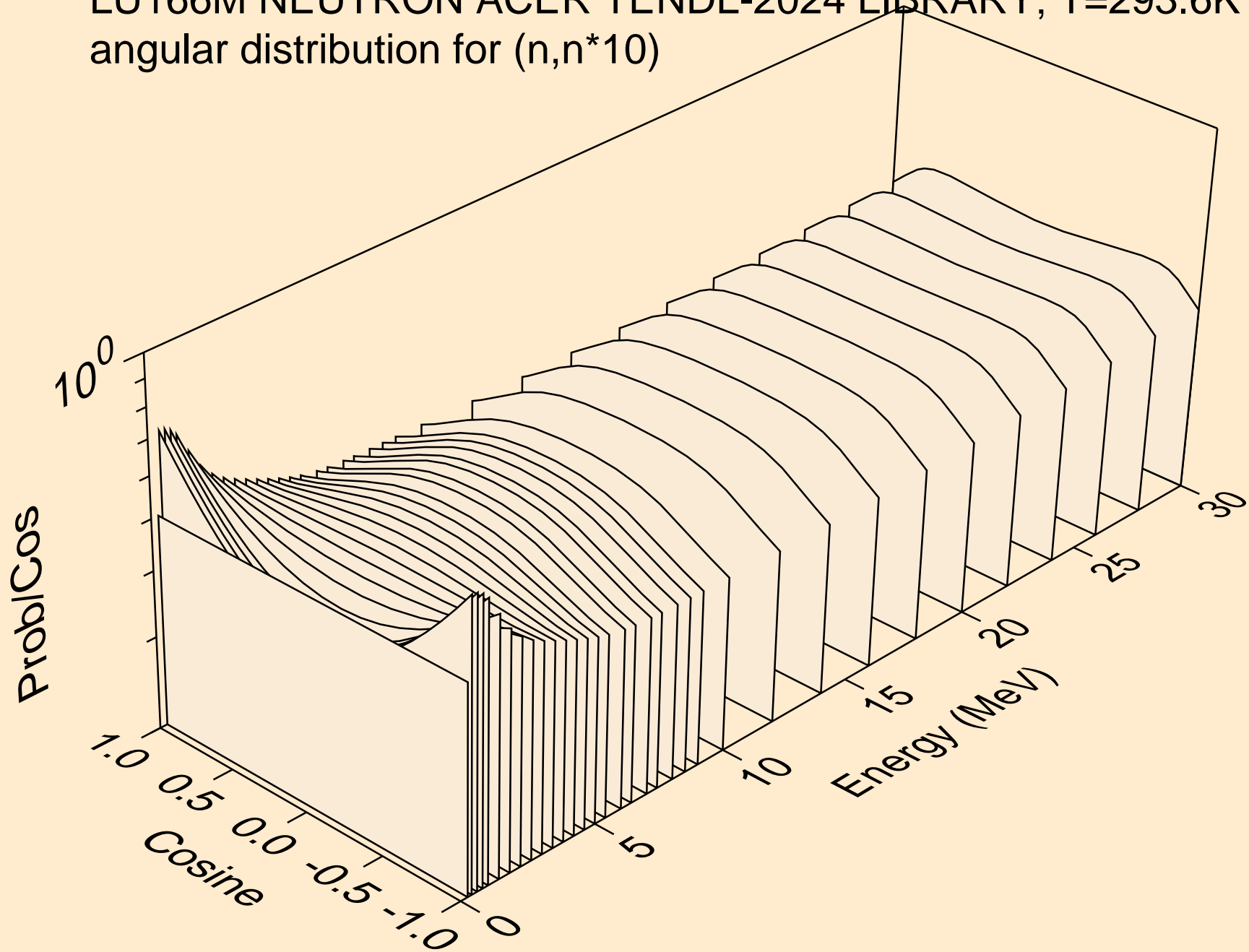
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*8)



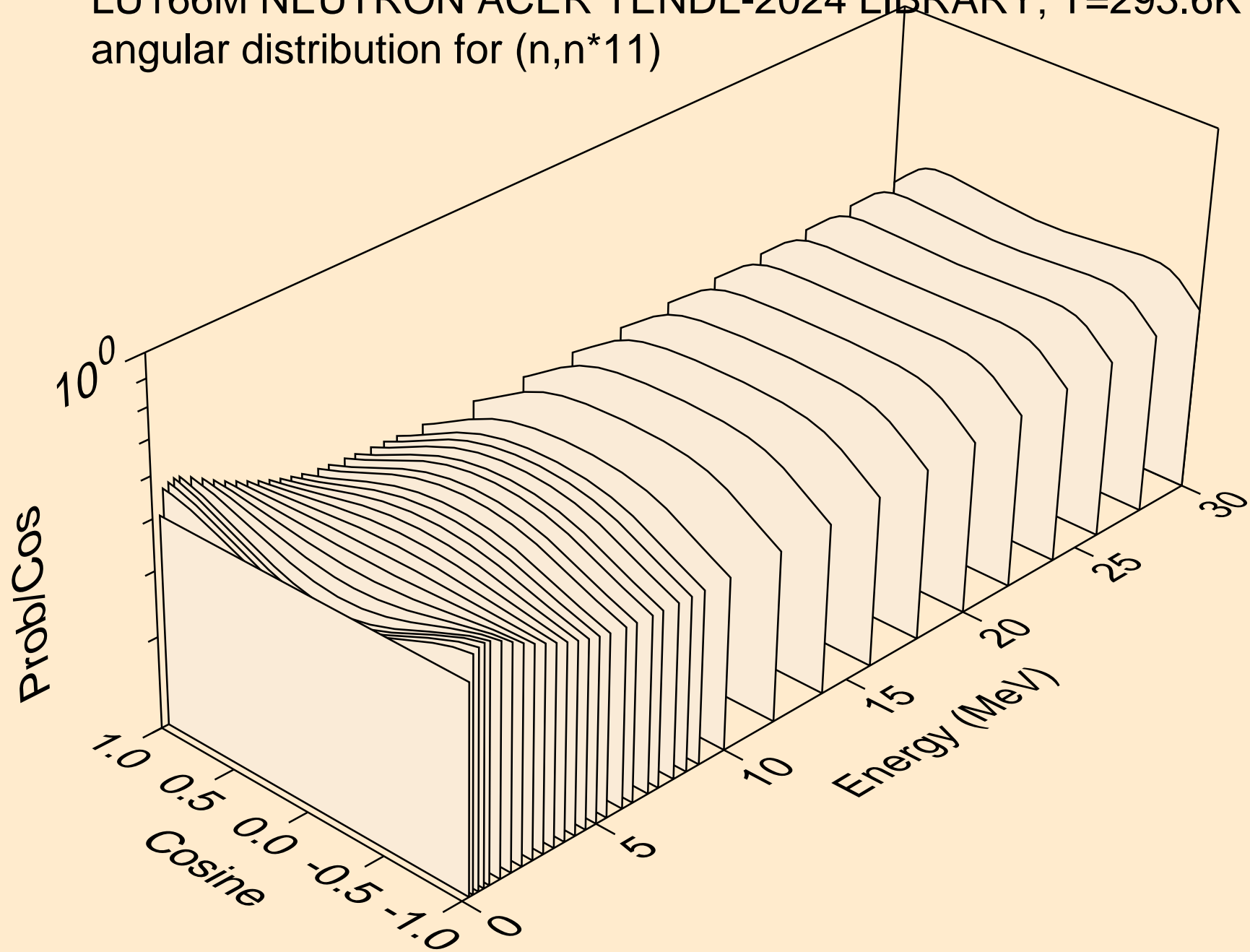
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*9)



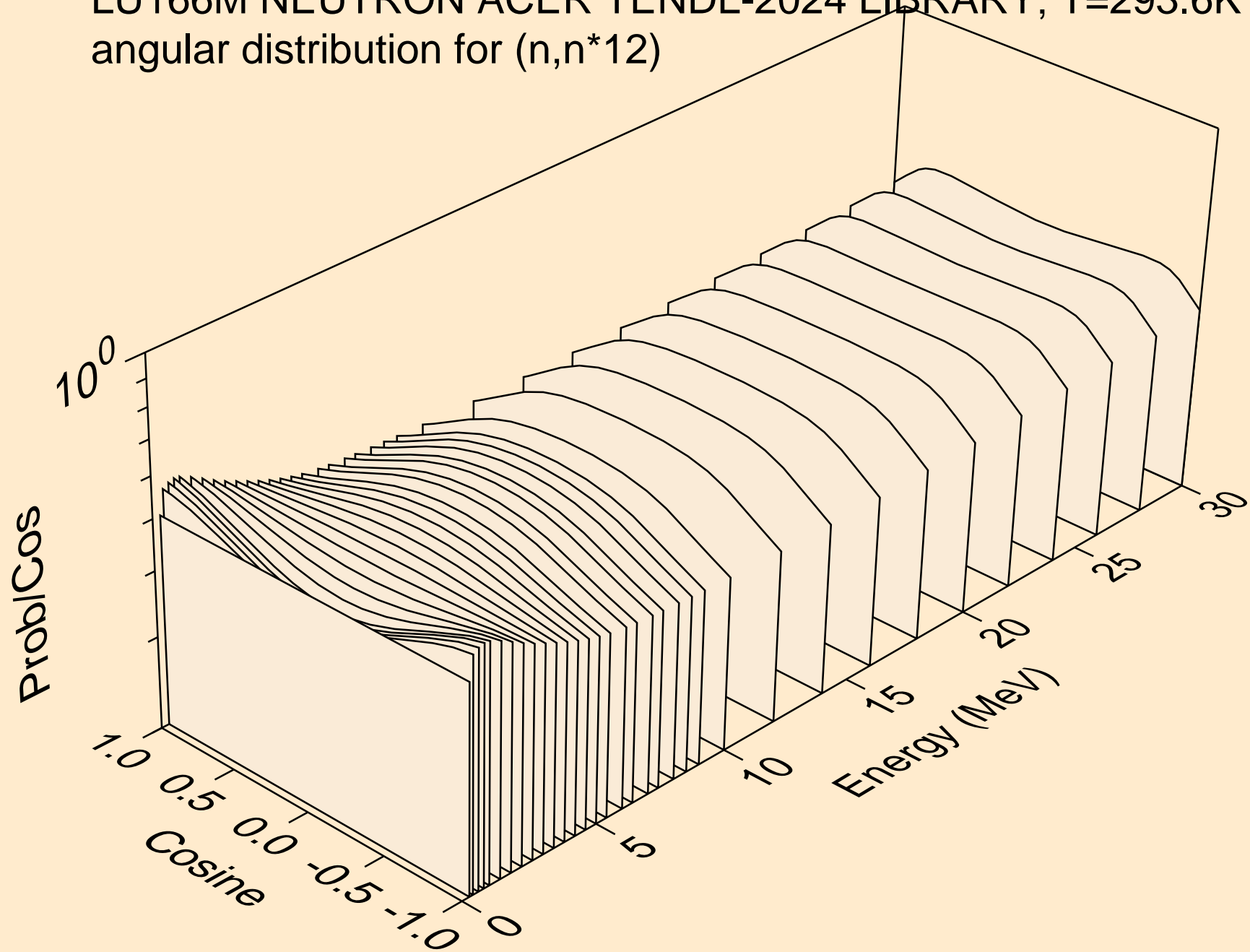
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*10)



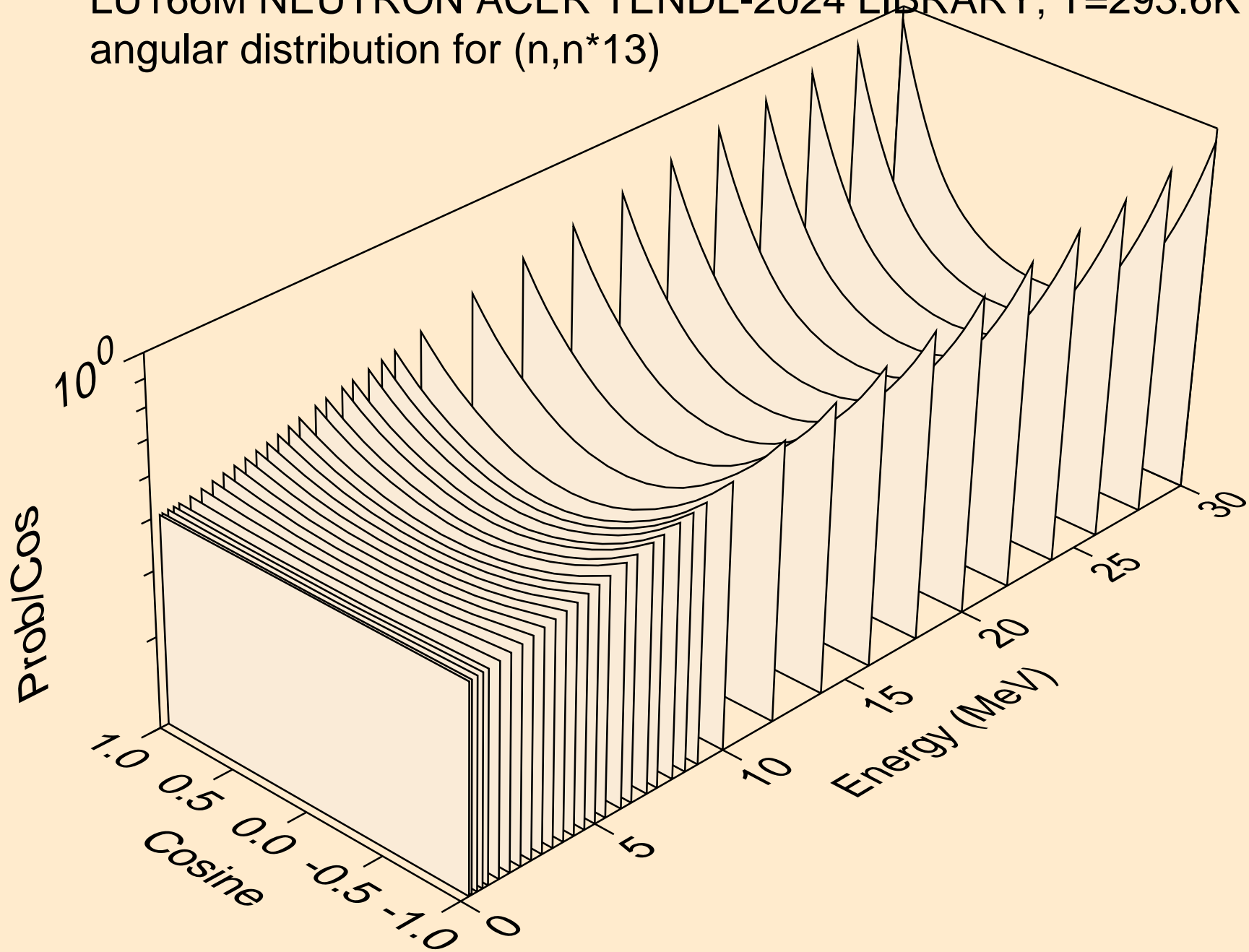
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*11)



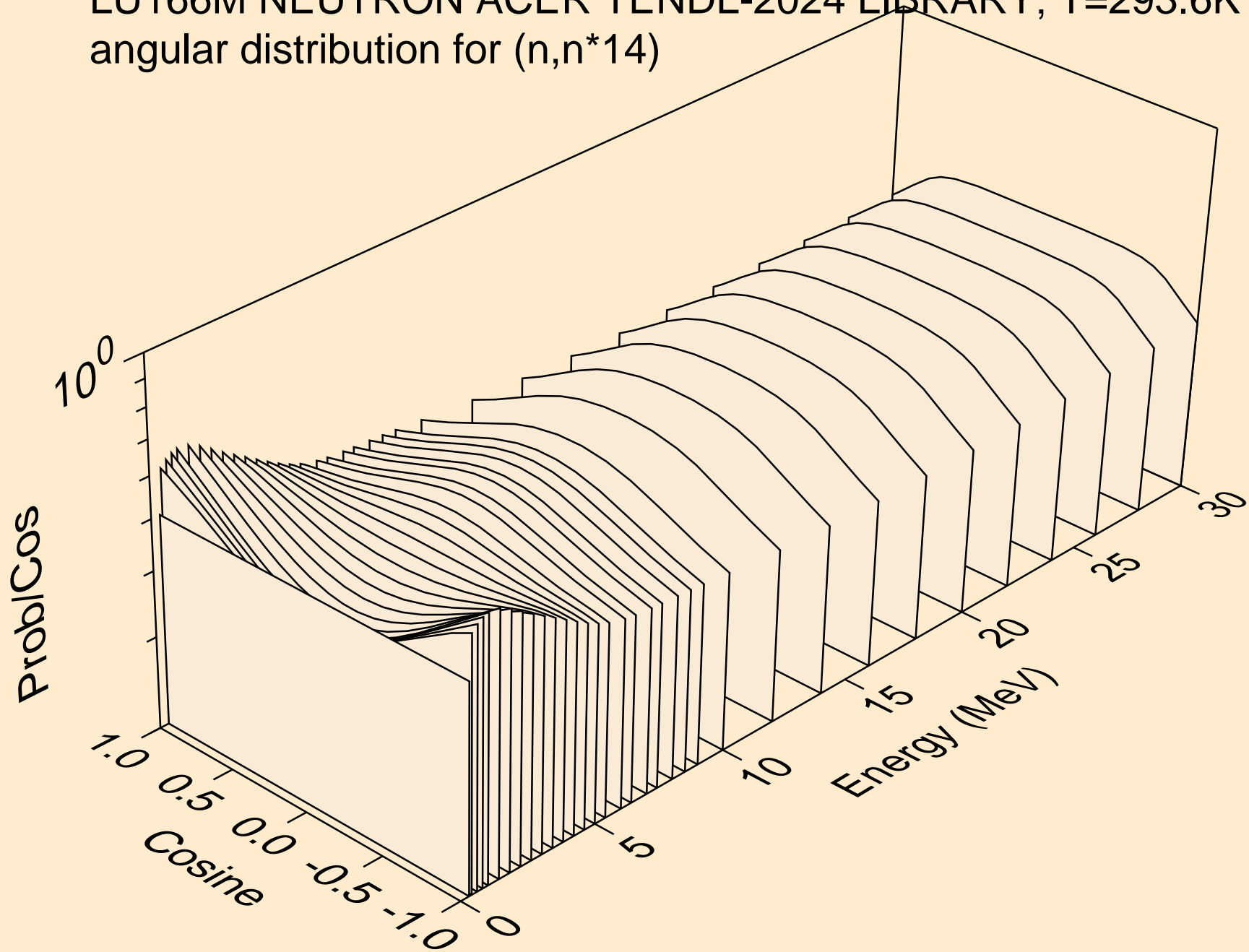
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*12)



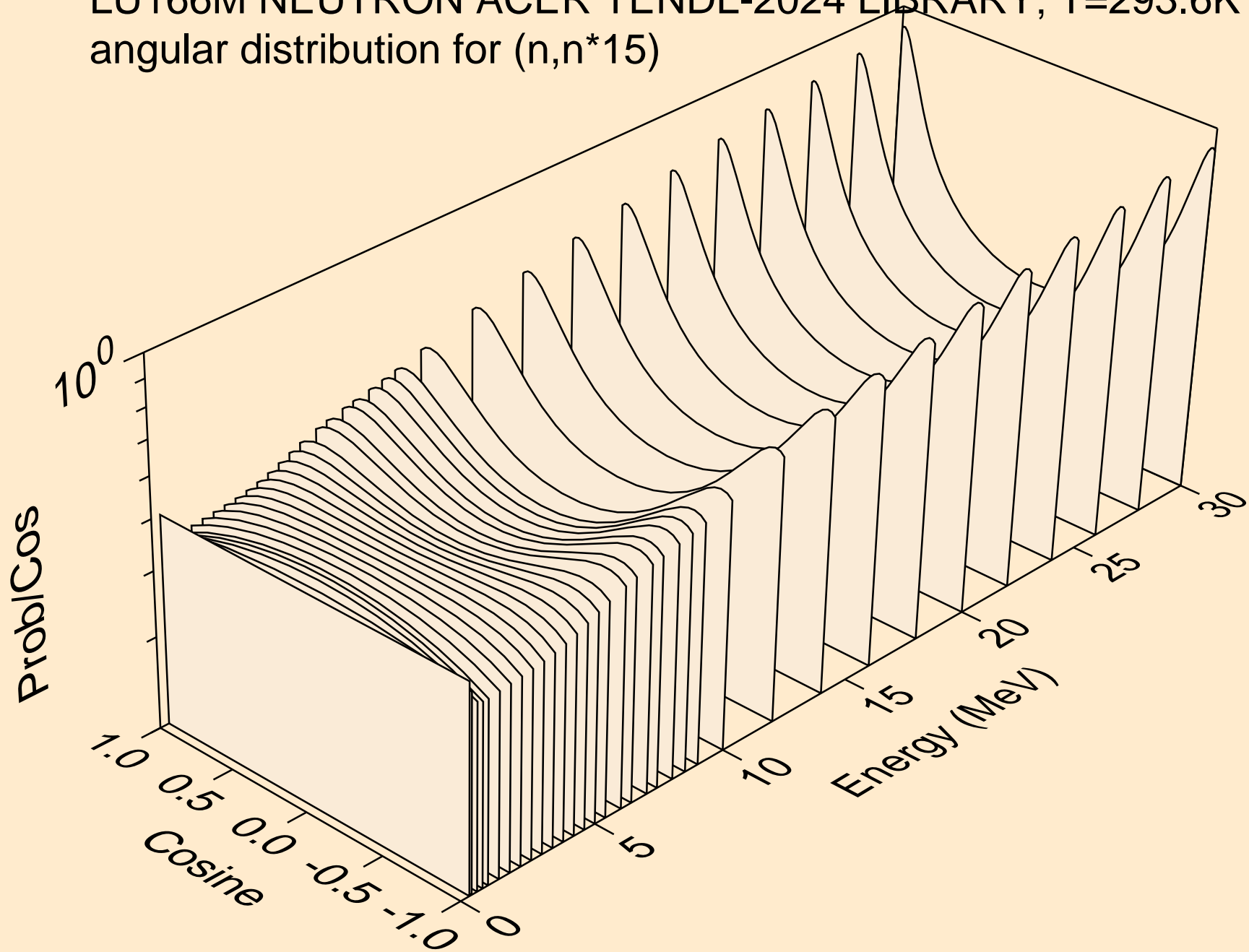
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*13)



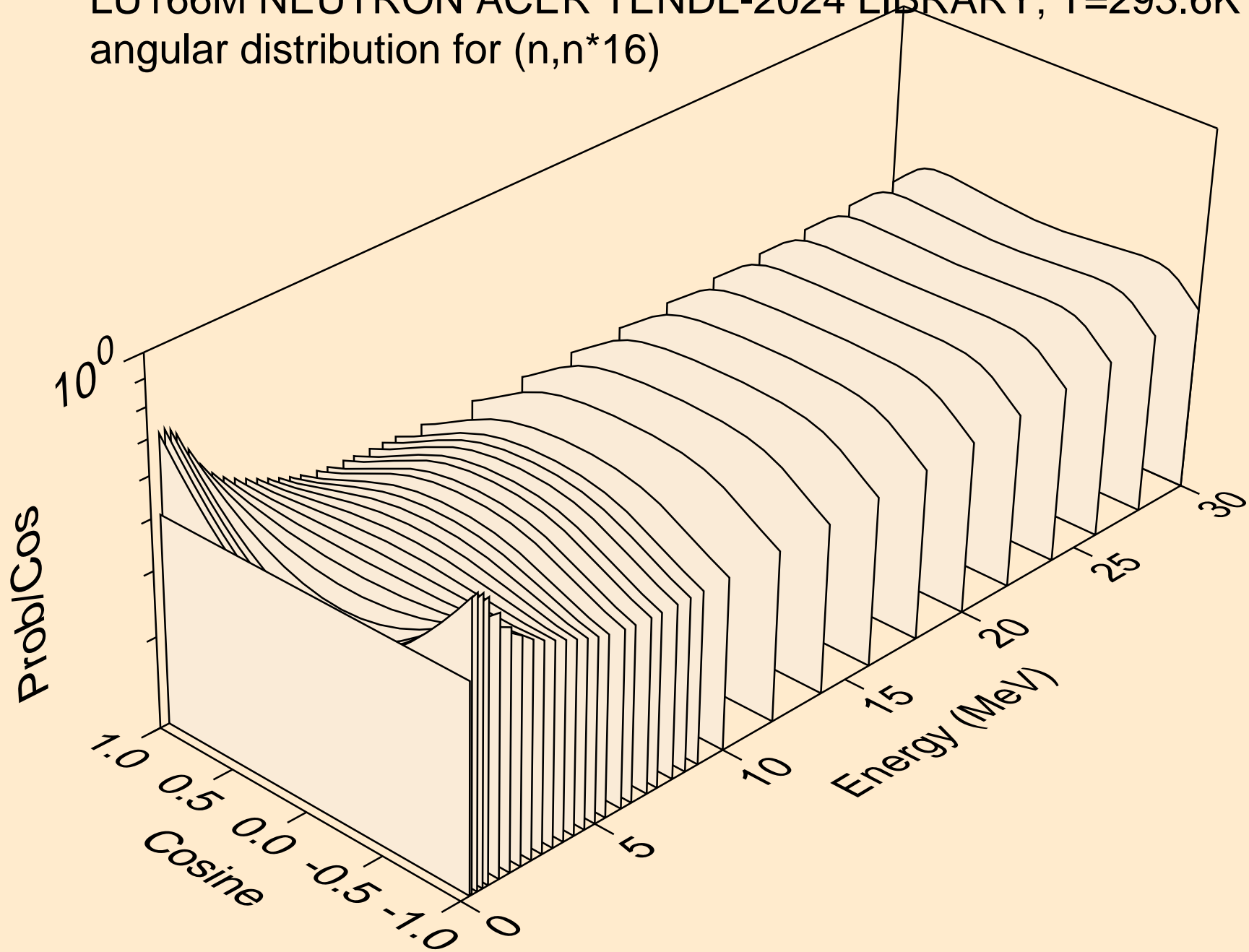
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*14)



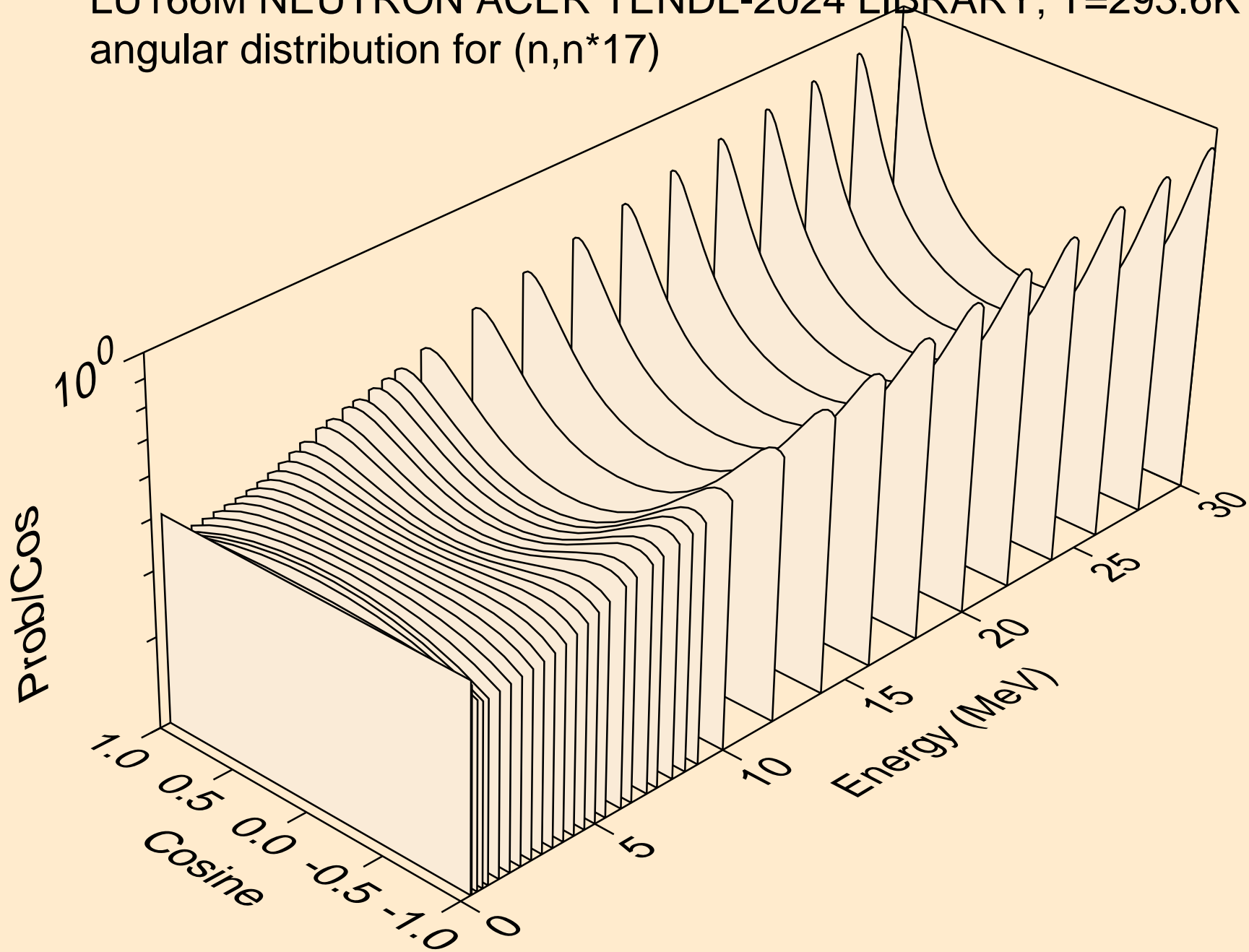
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*15)



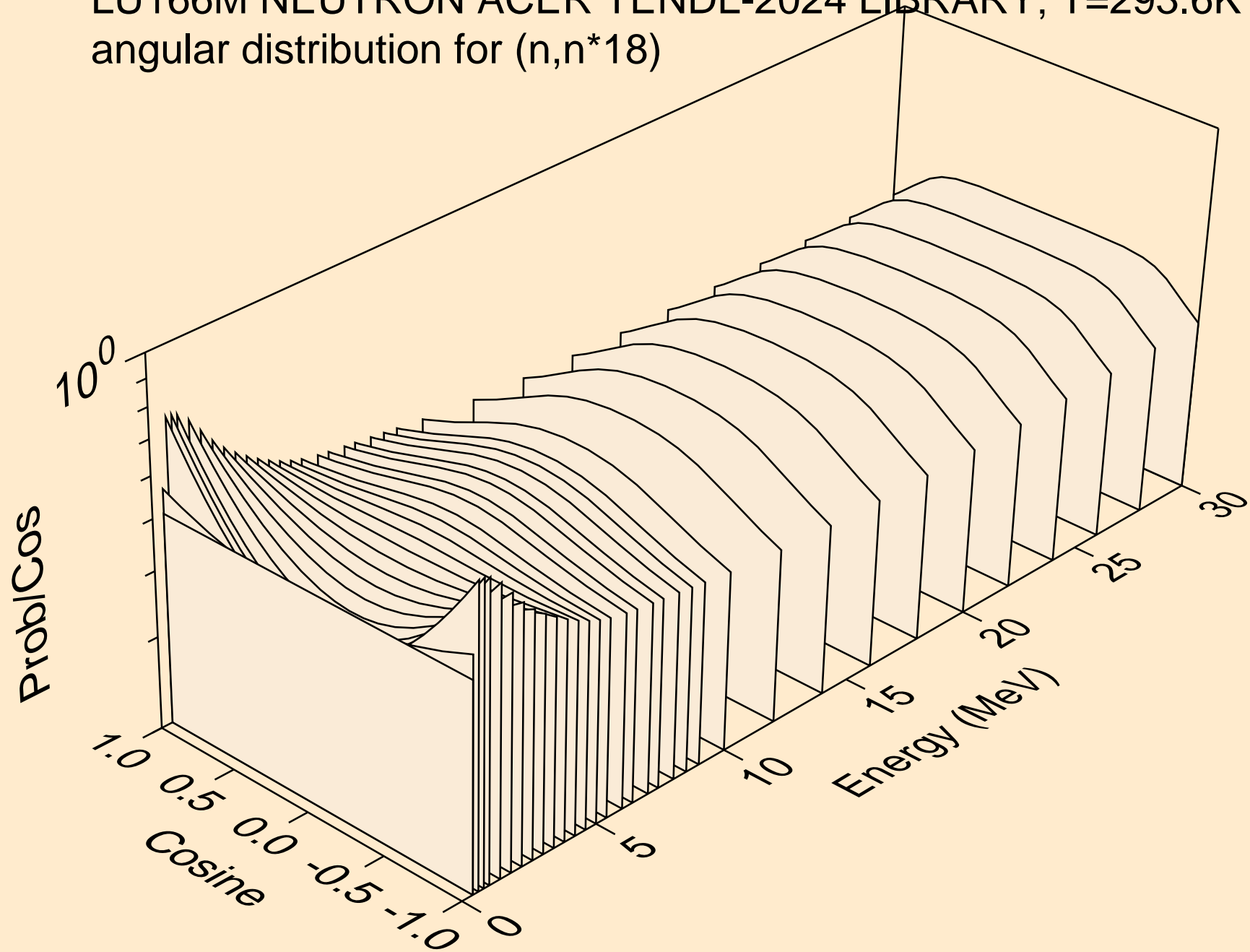
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*16)



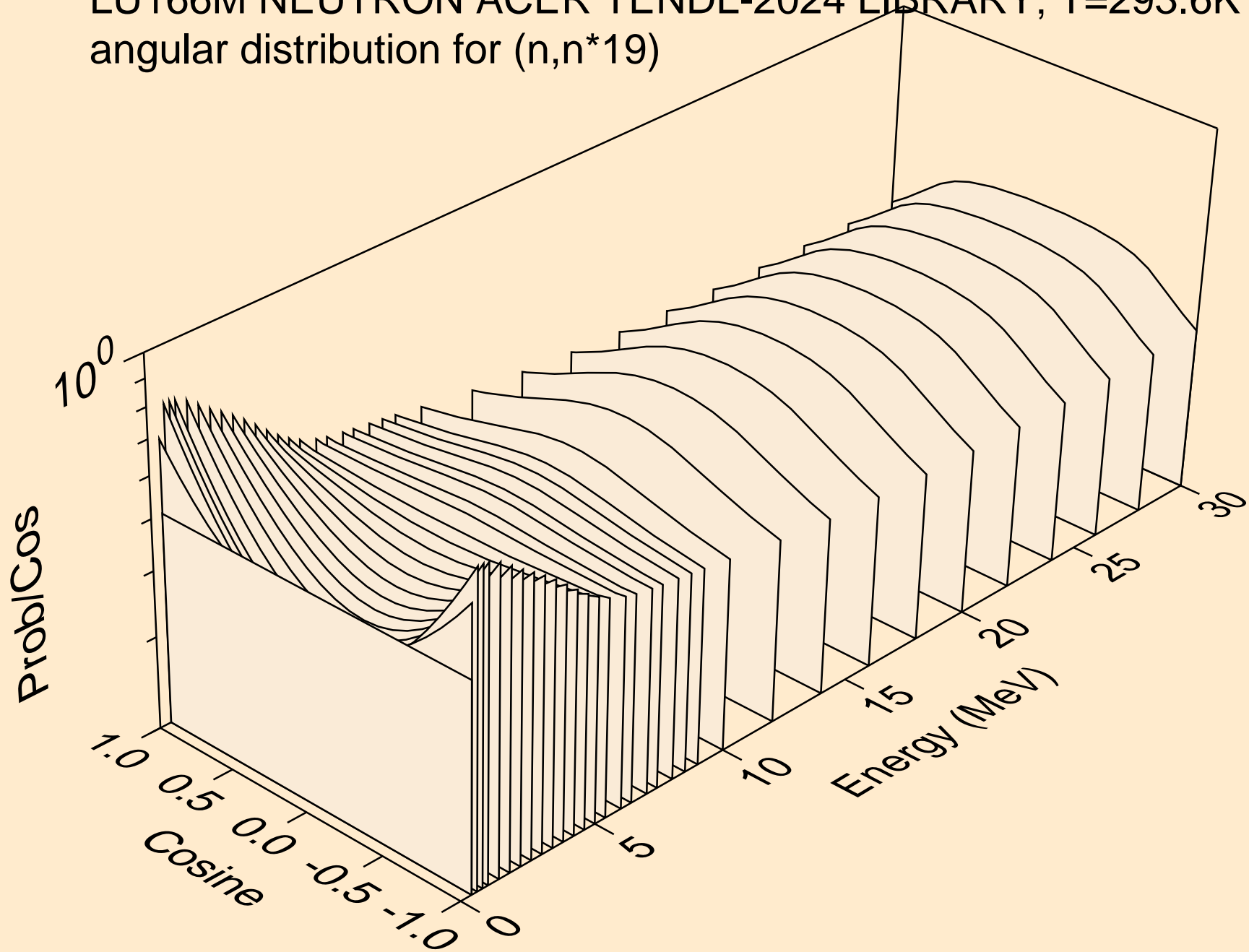
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*17)



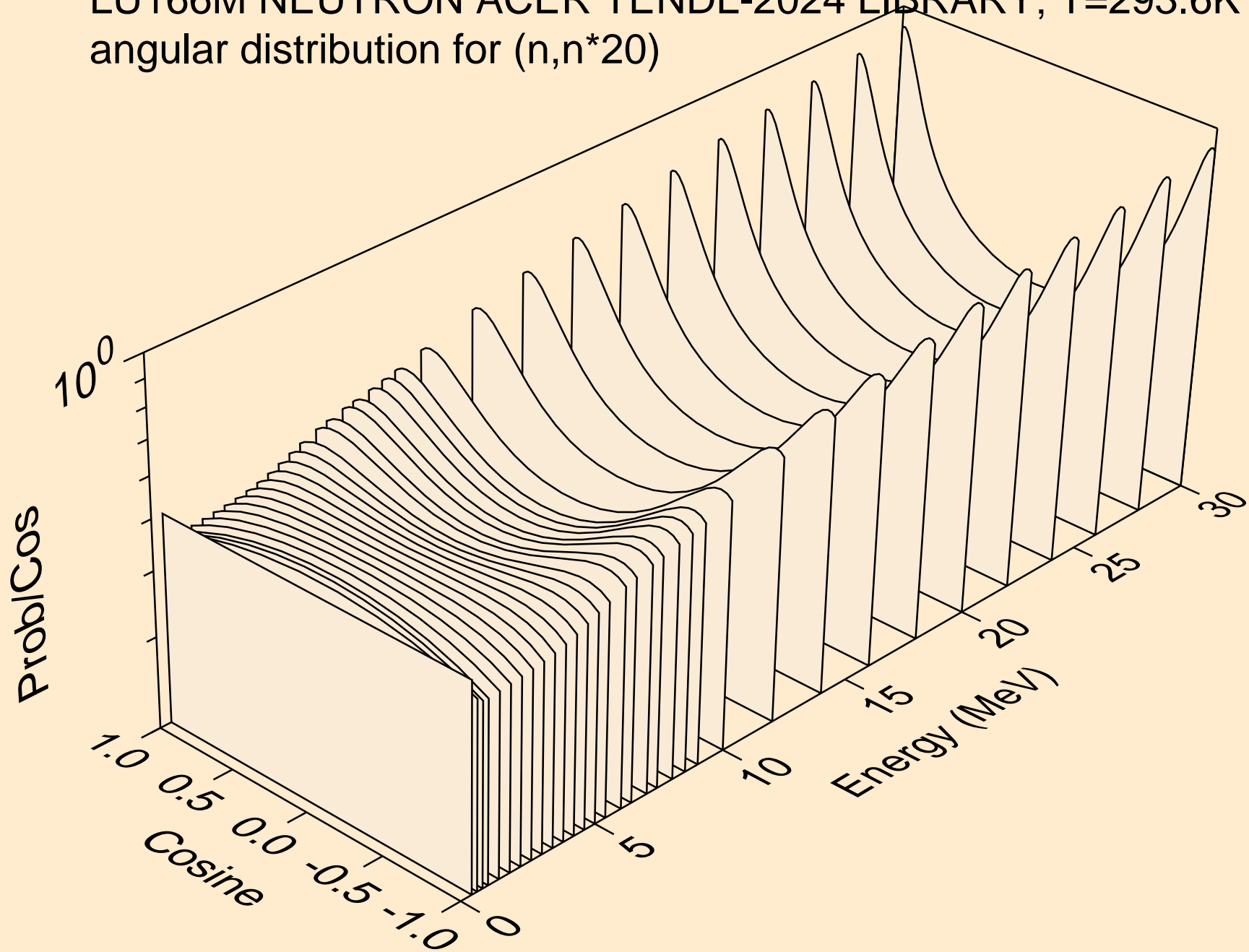
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*18)



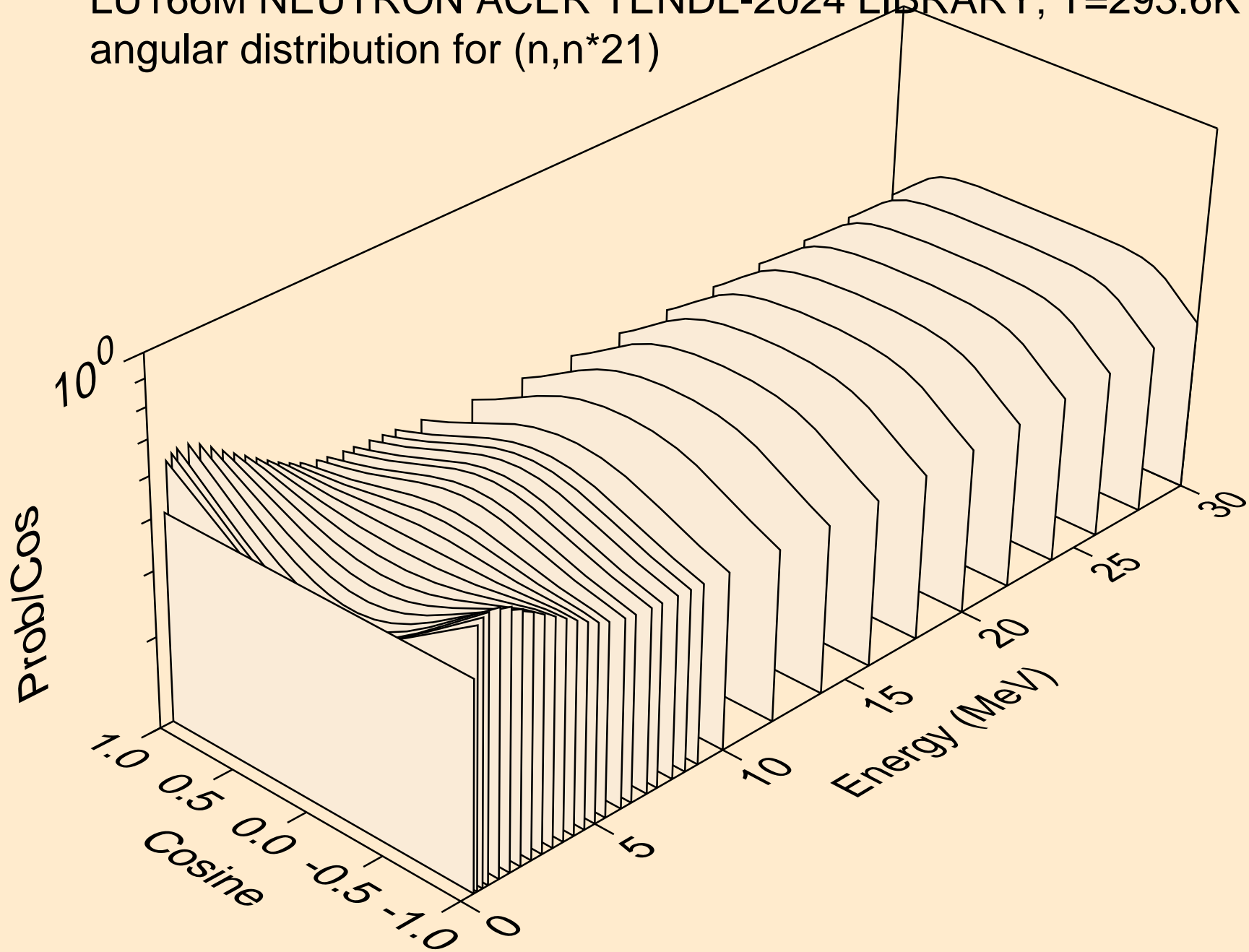
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*19)



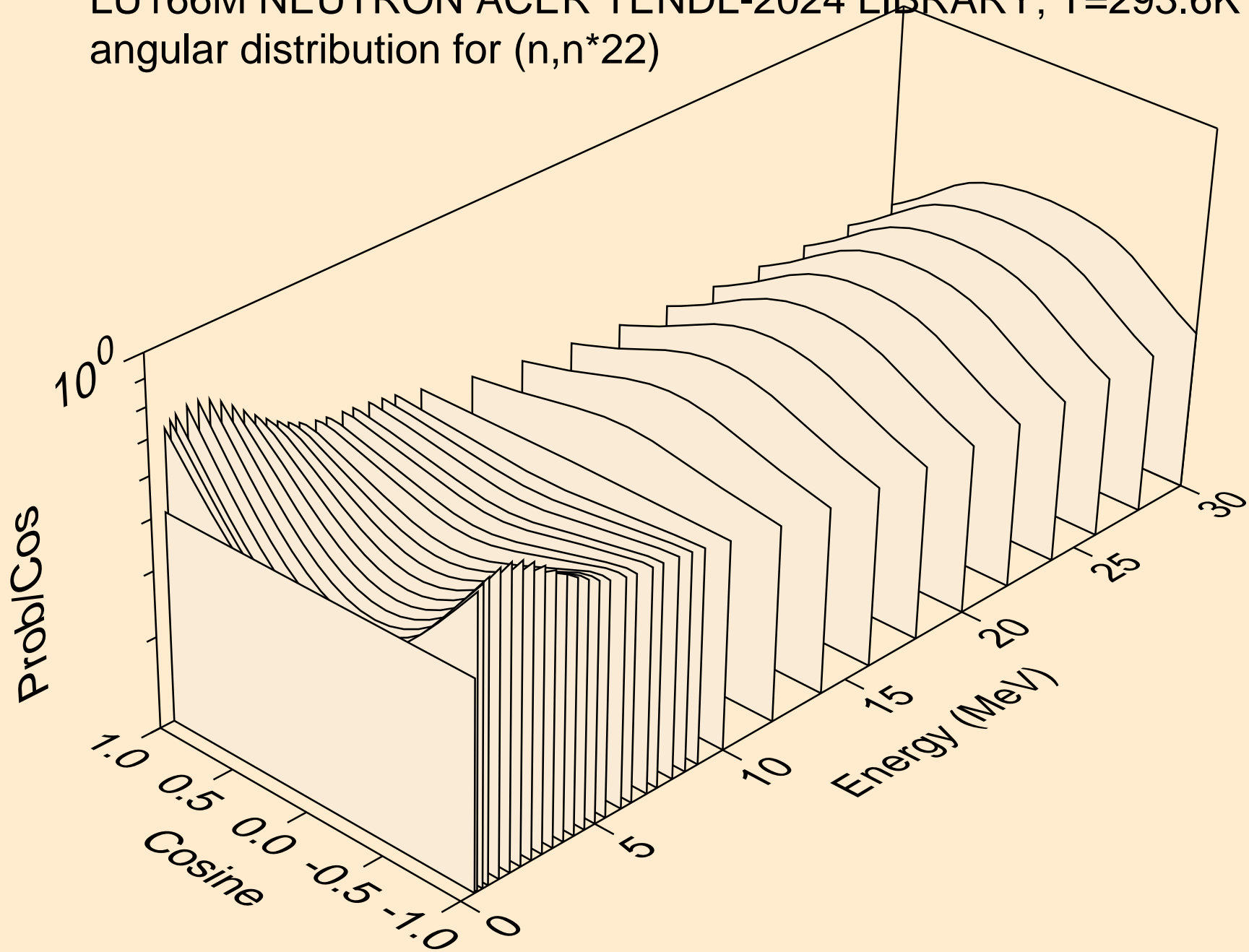
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*20)



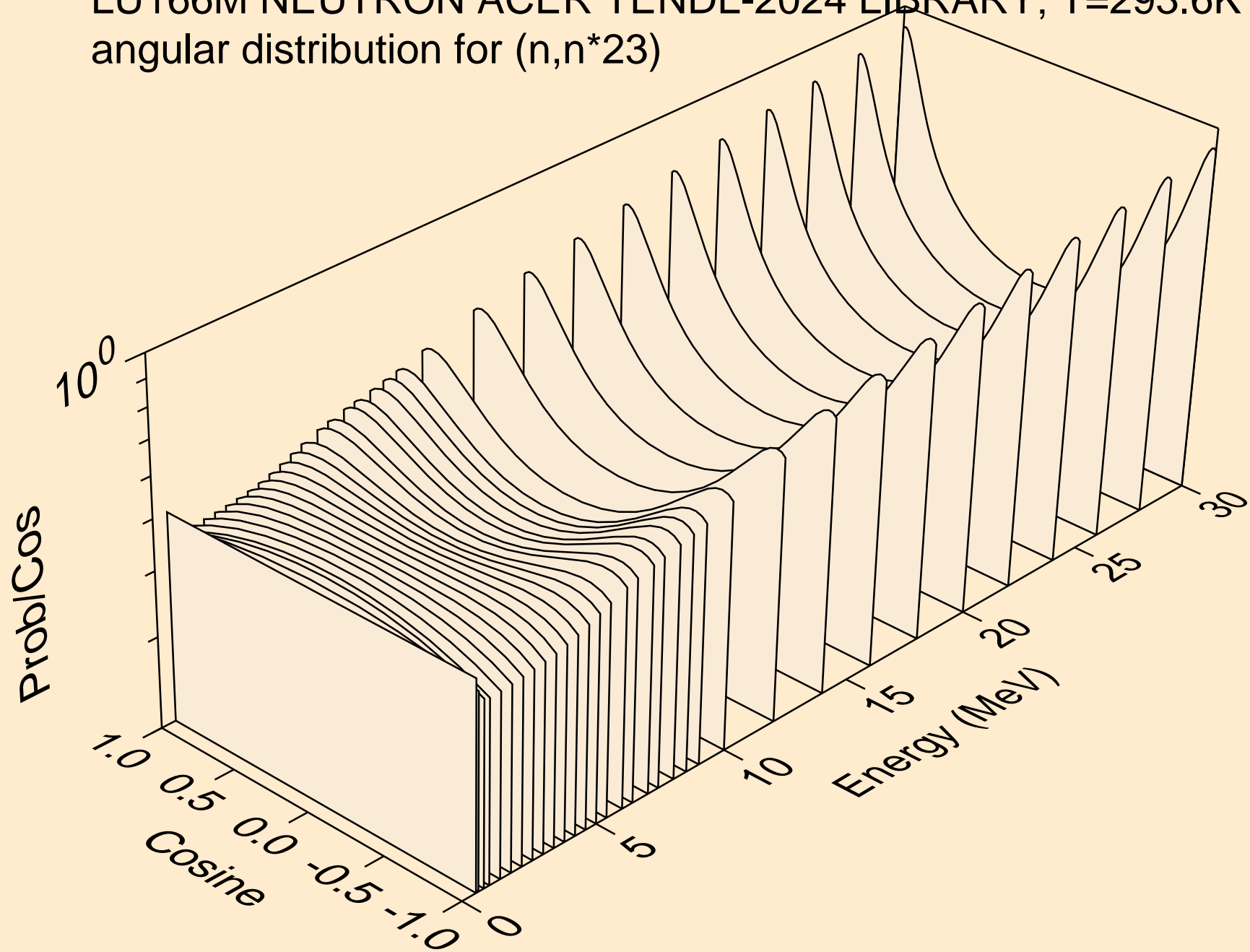
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*21)



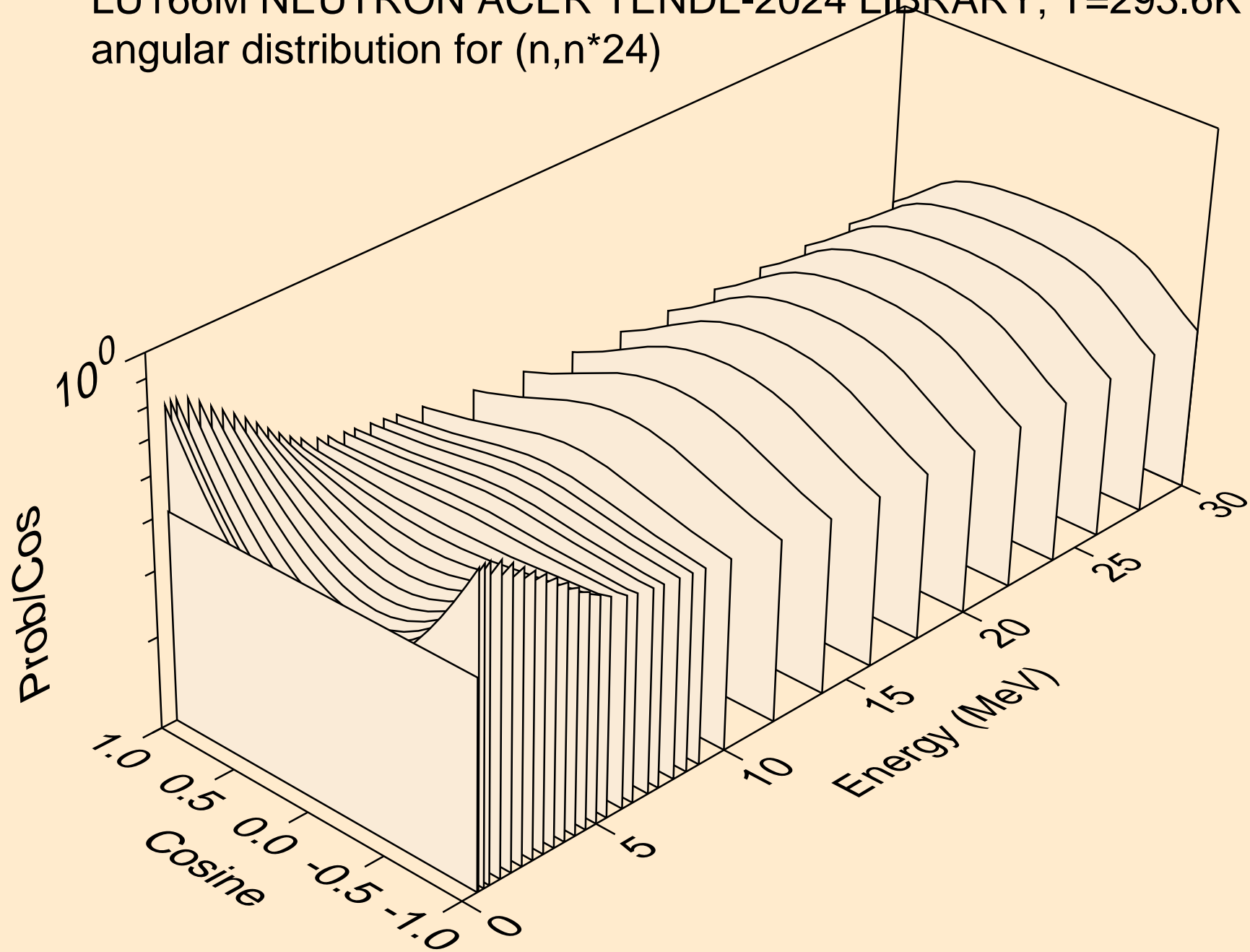
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*22)



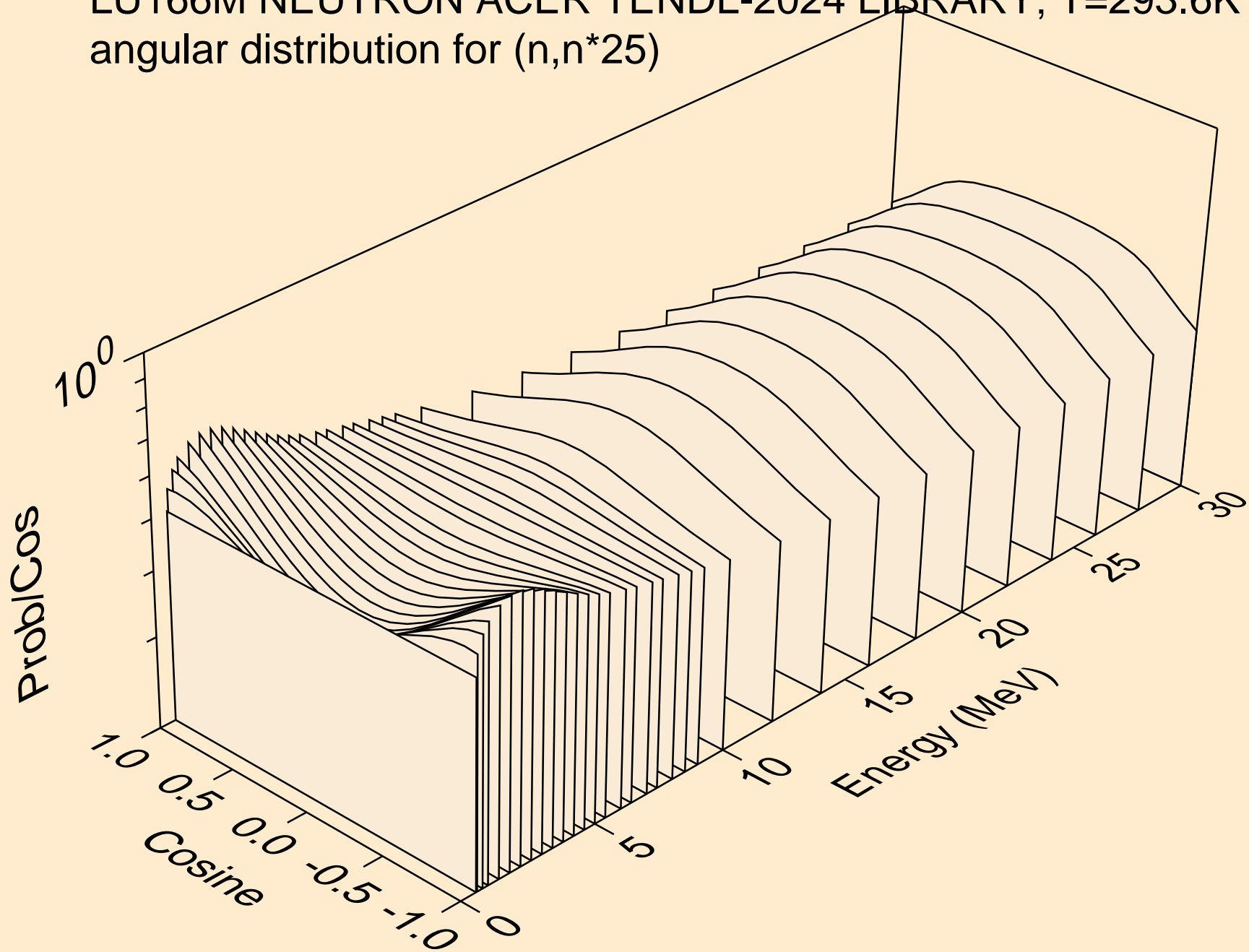
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*23)



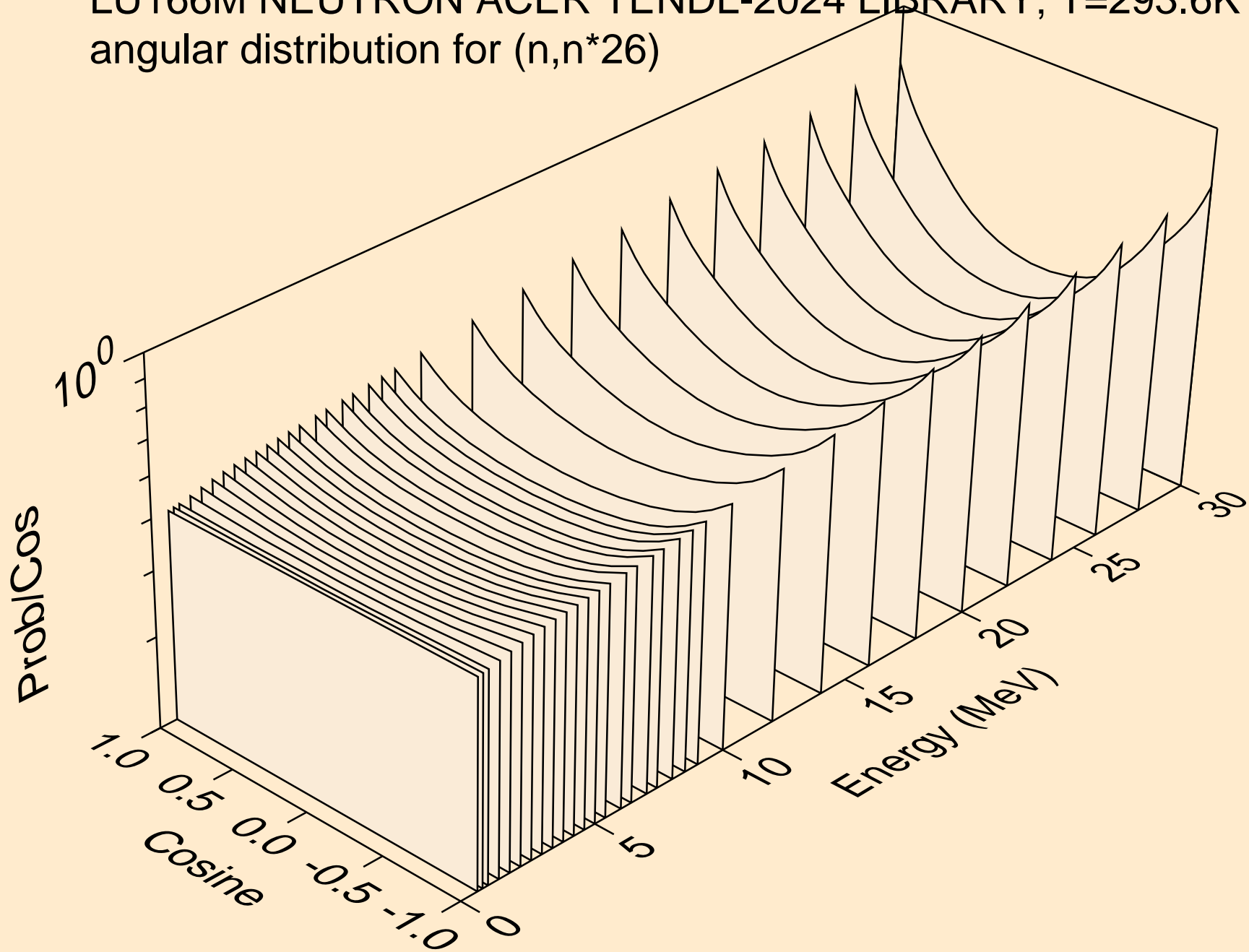
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*24)



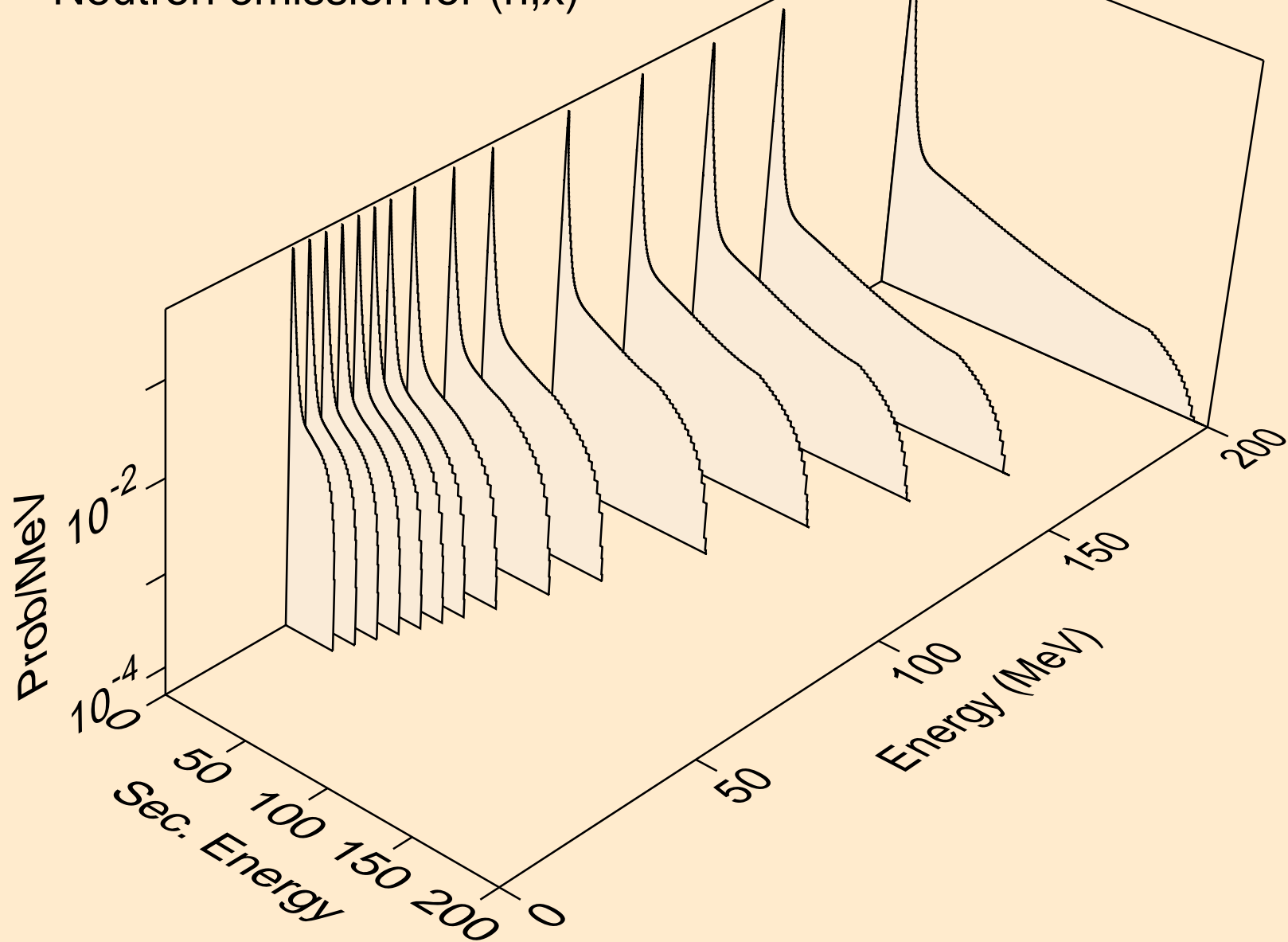
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*25)



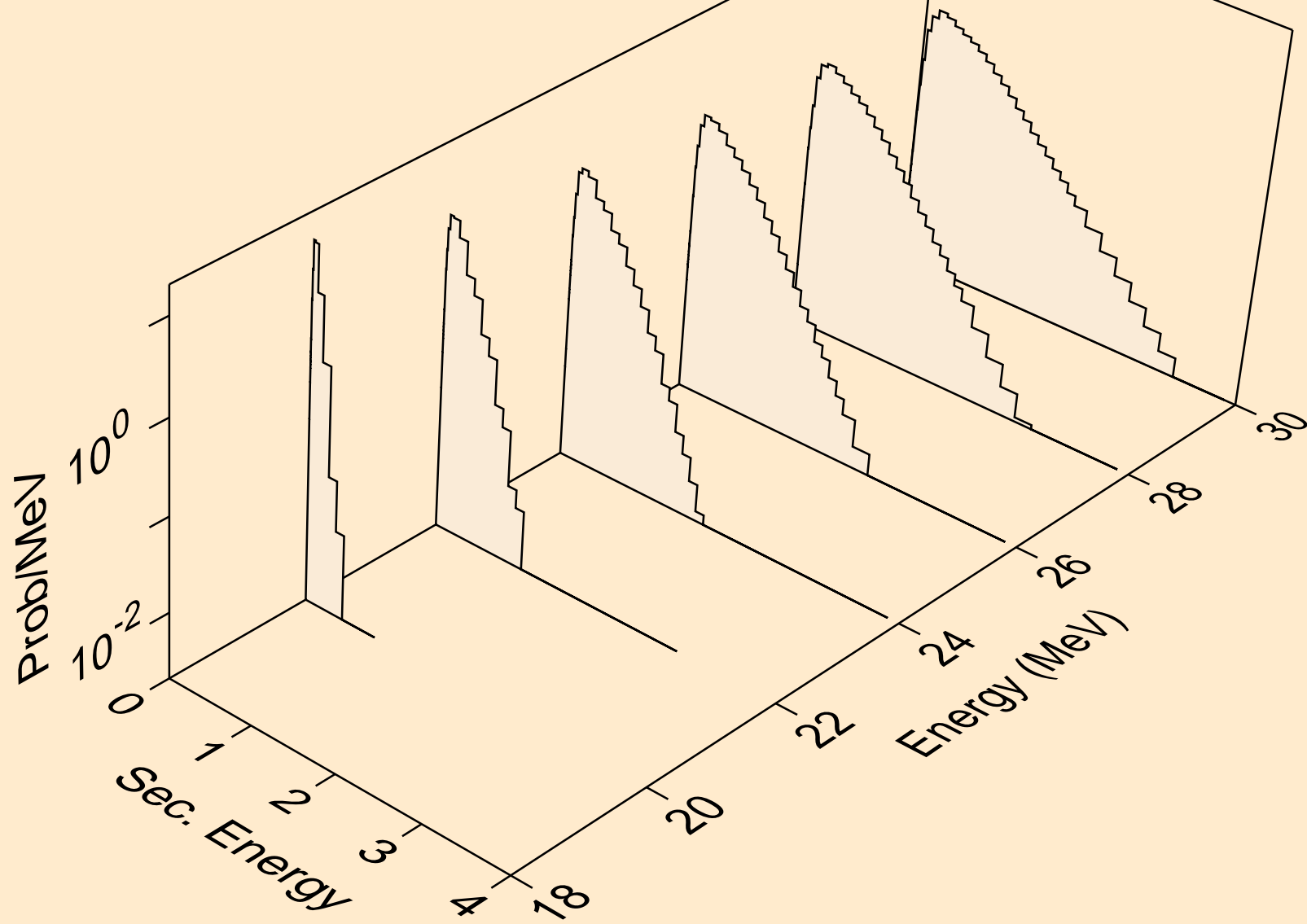
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
angular distribution for (n,n*26)



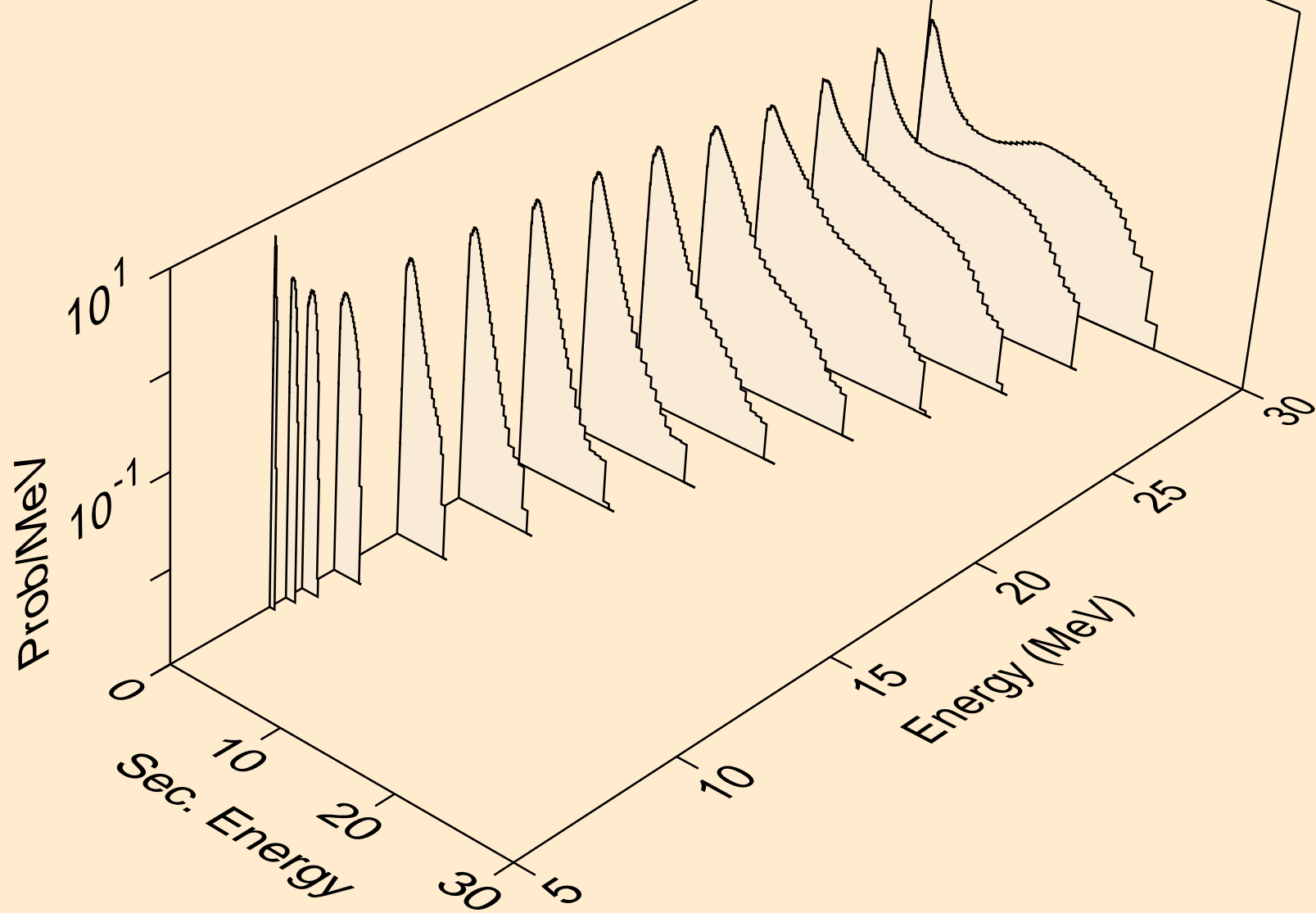
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,x)



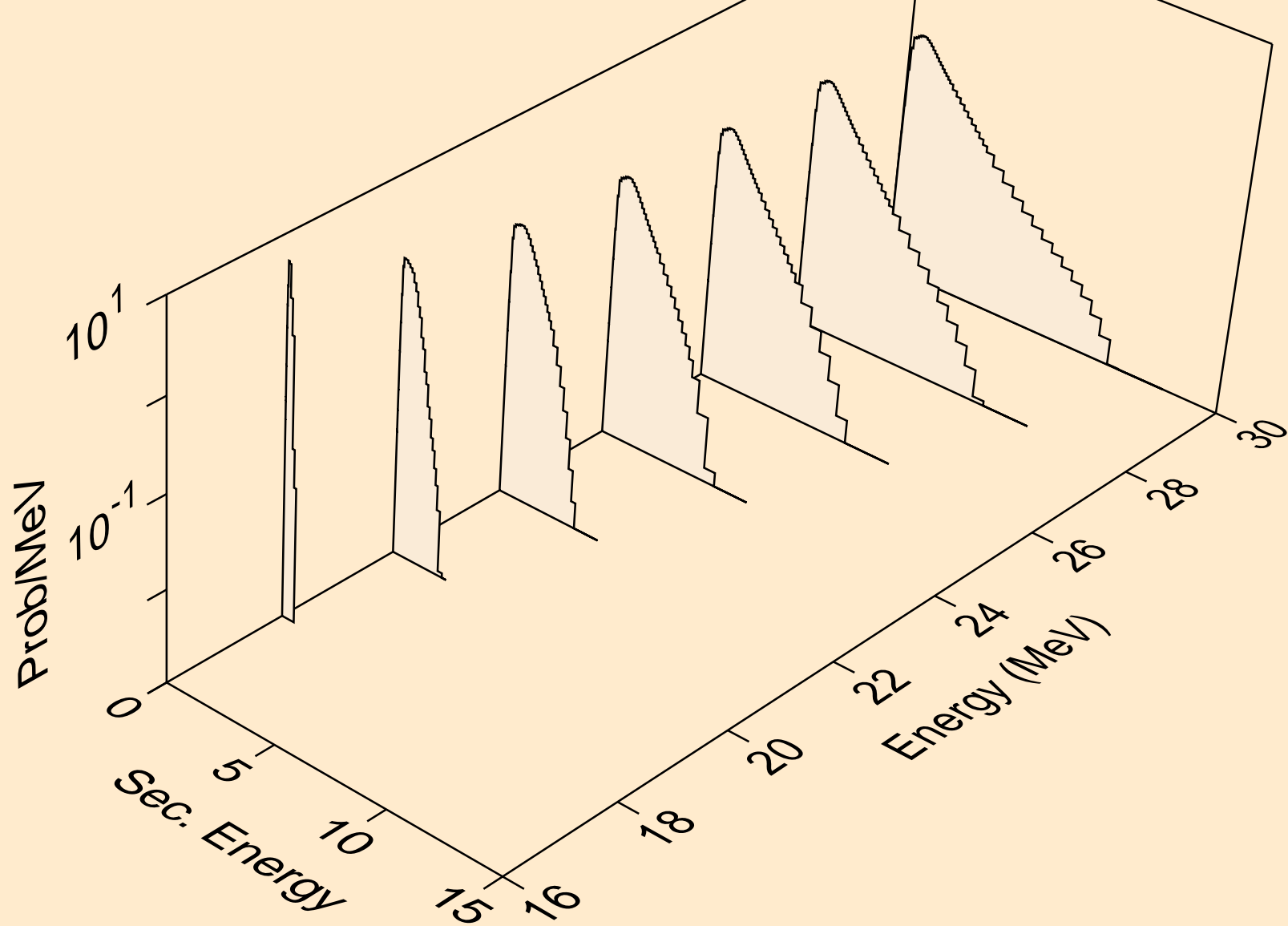
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2nd)



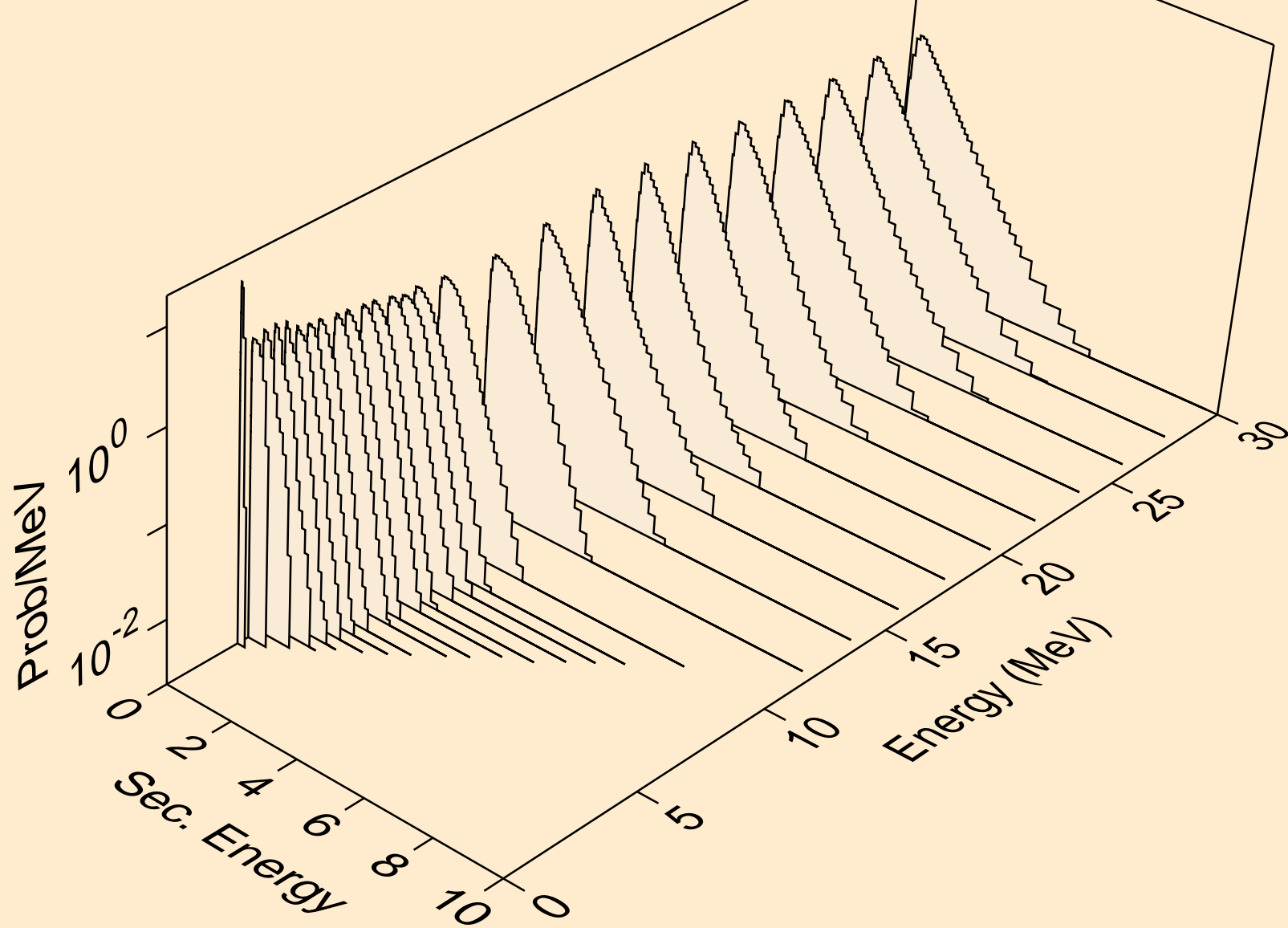
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)



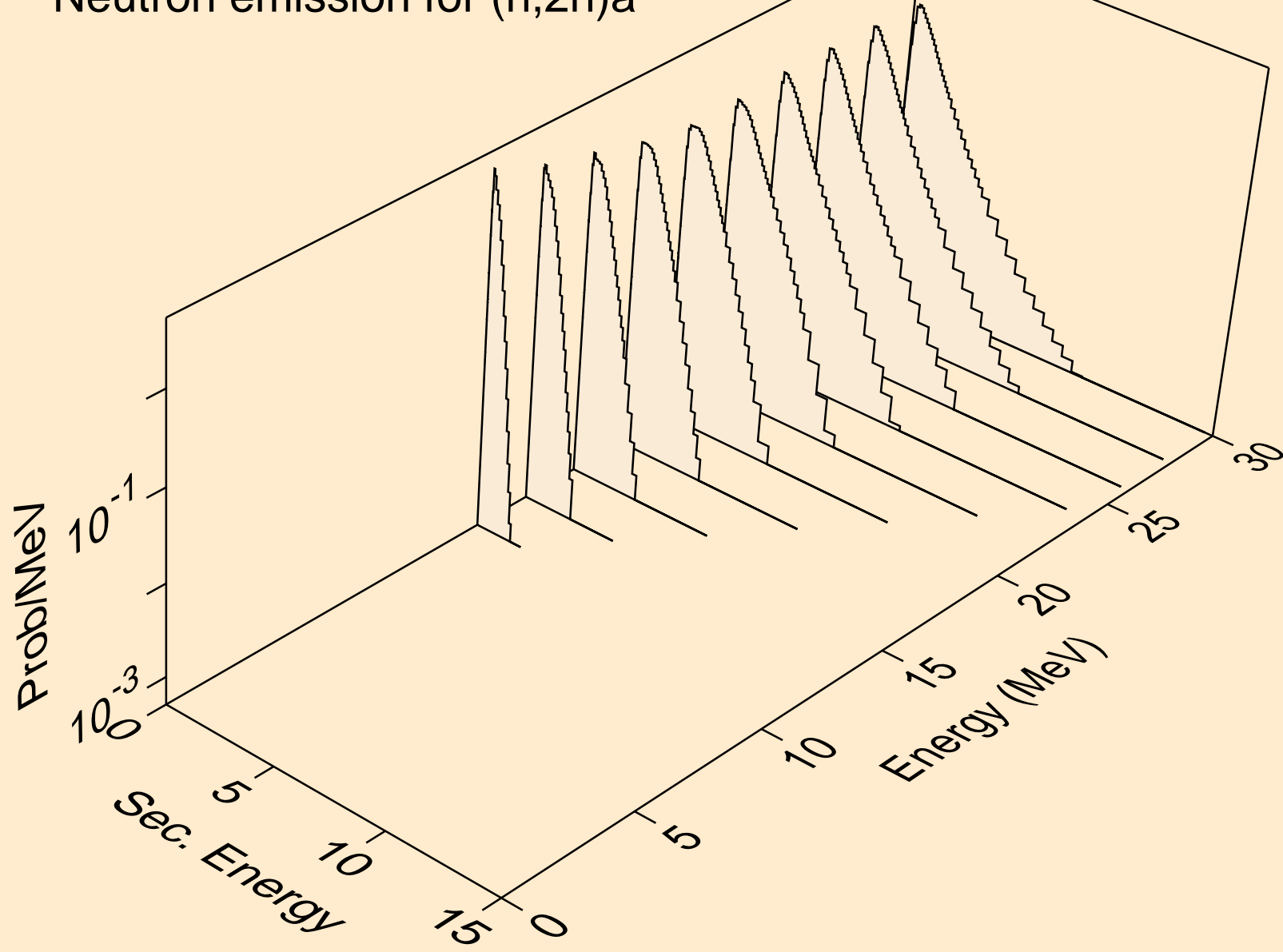
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)



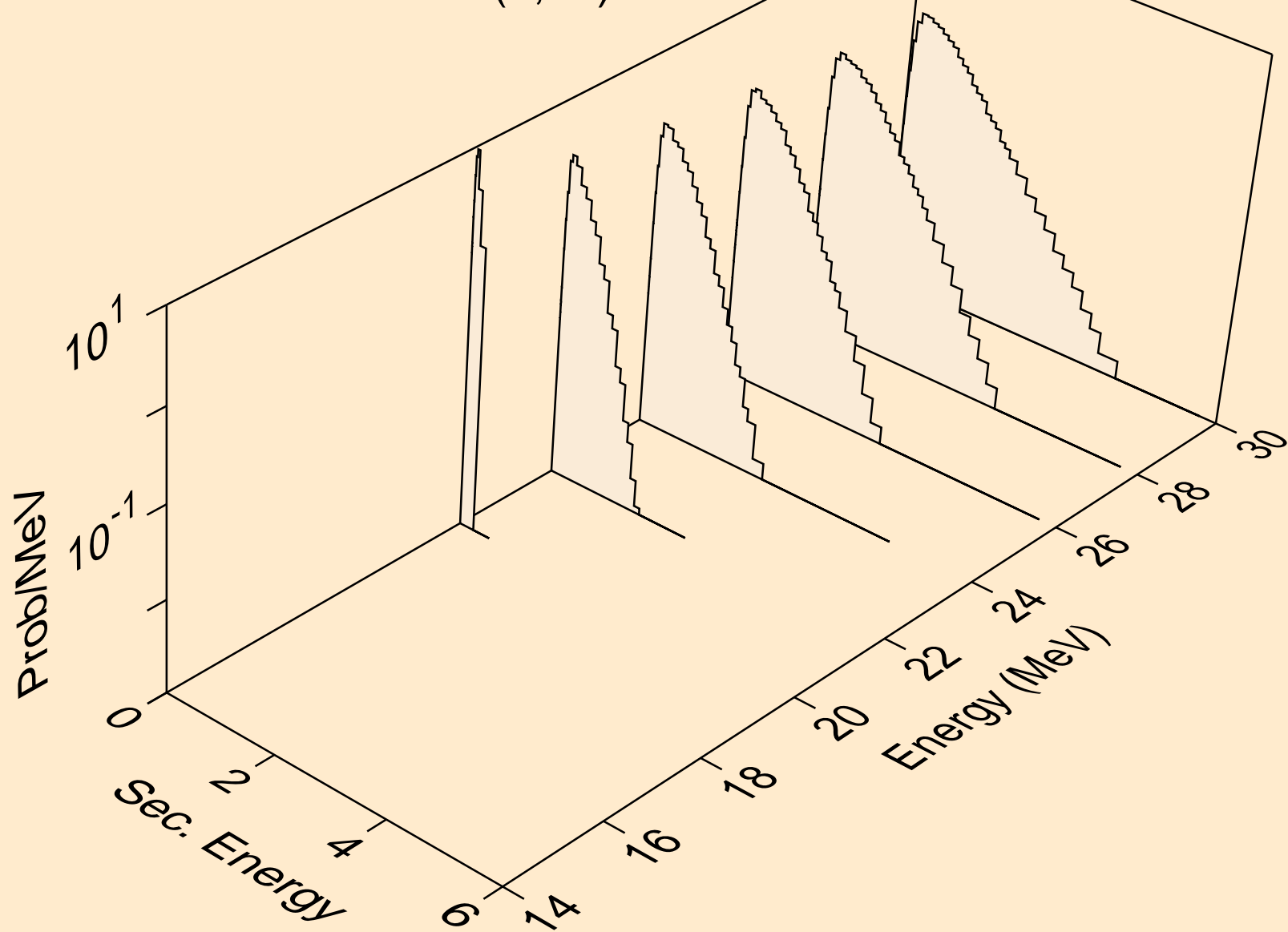
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)a



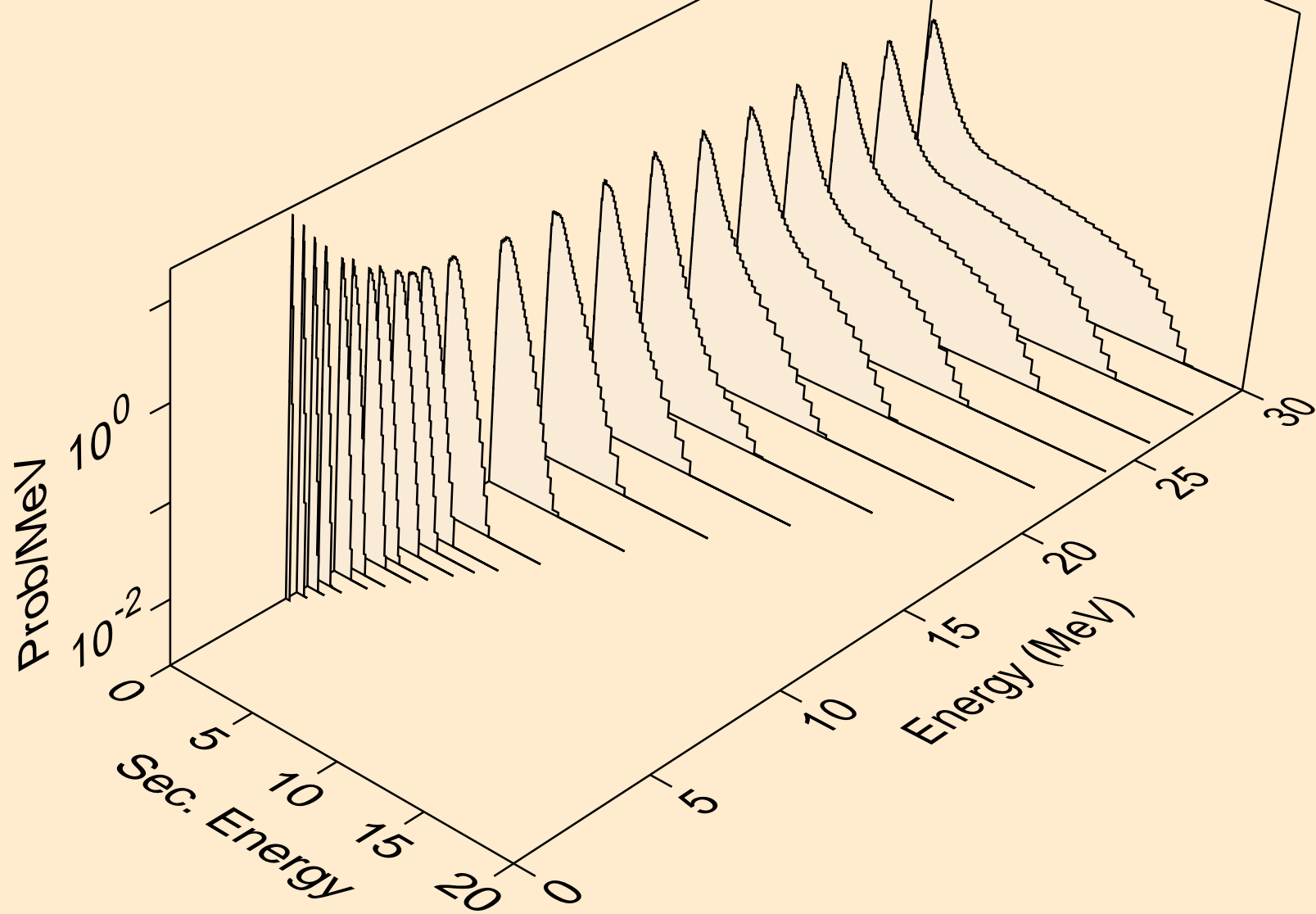
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)_a



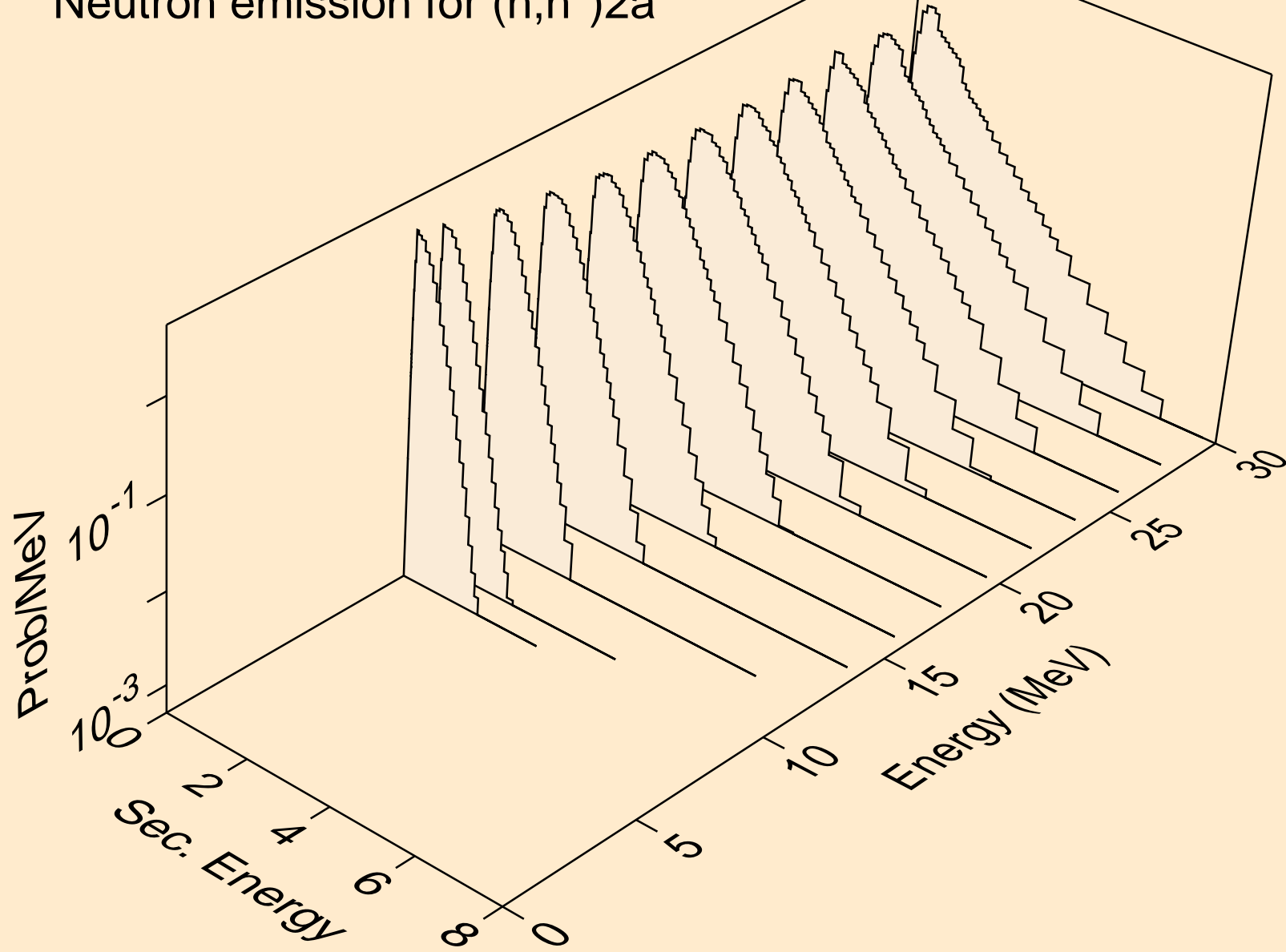
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3n)a



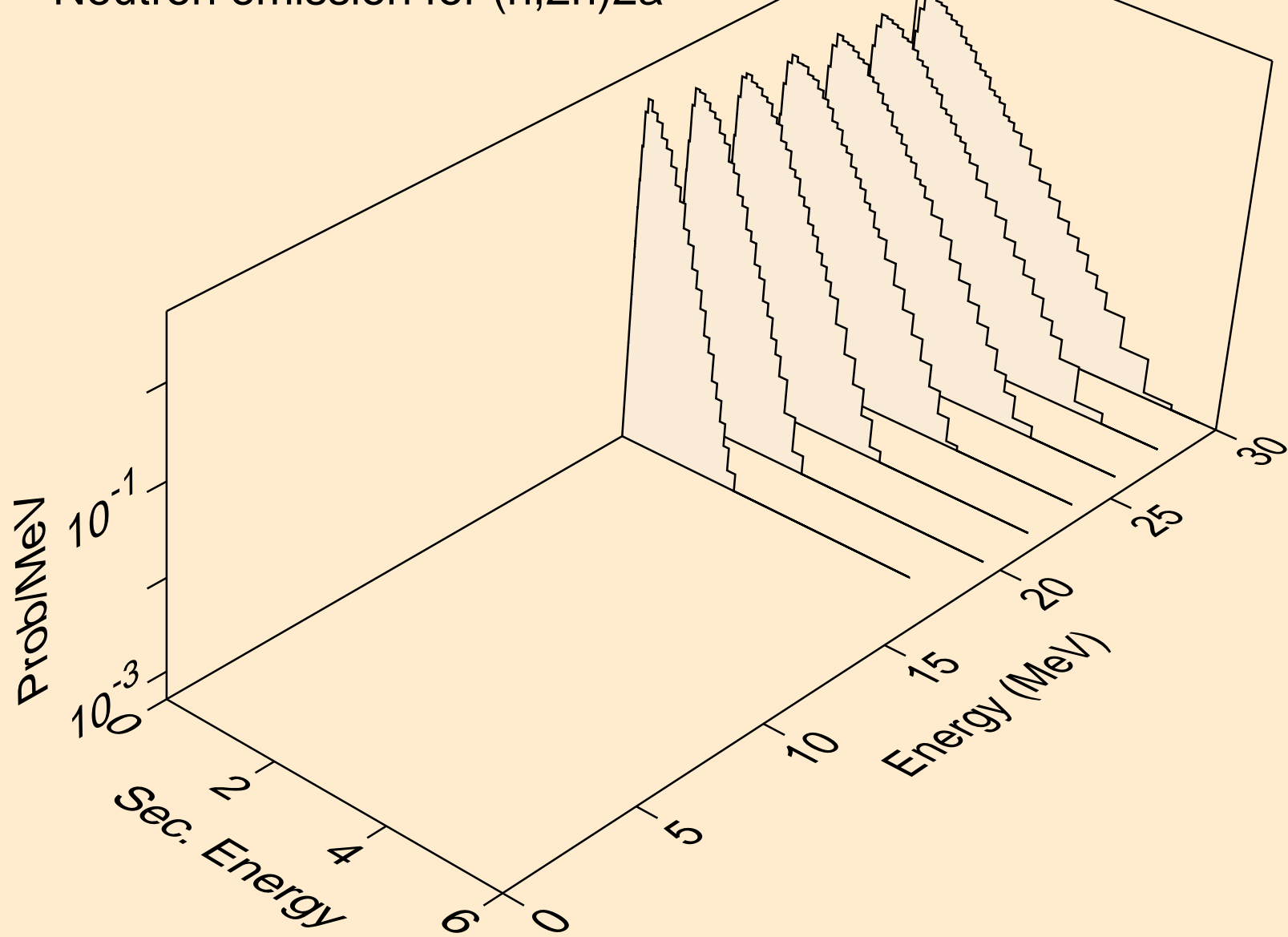
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)p



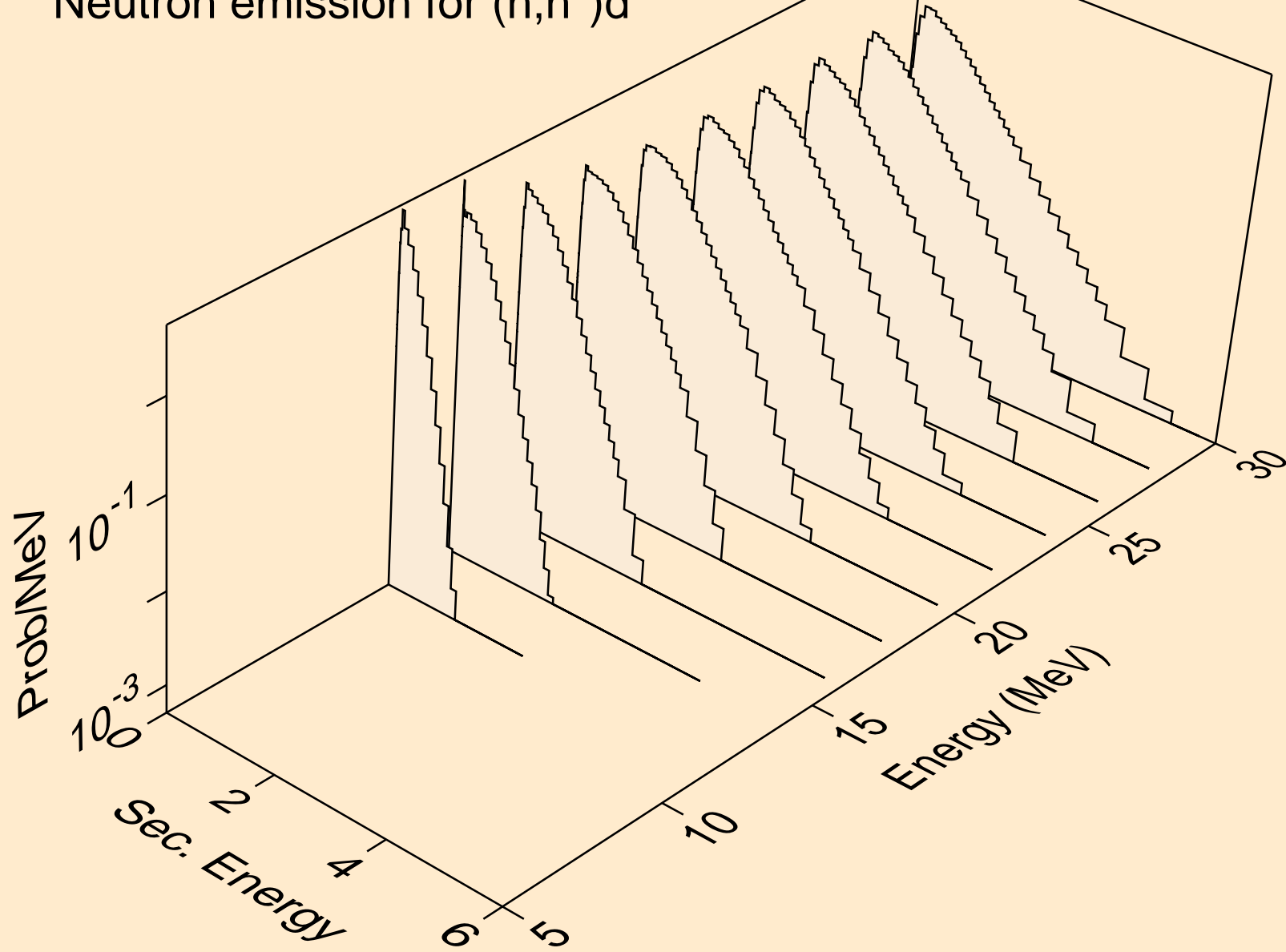
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)2a



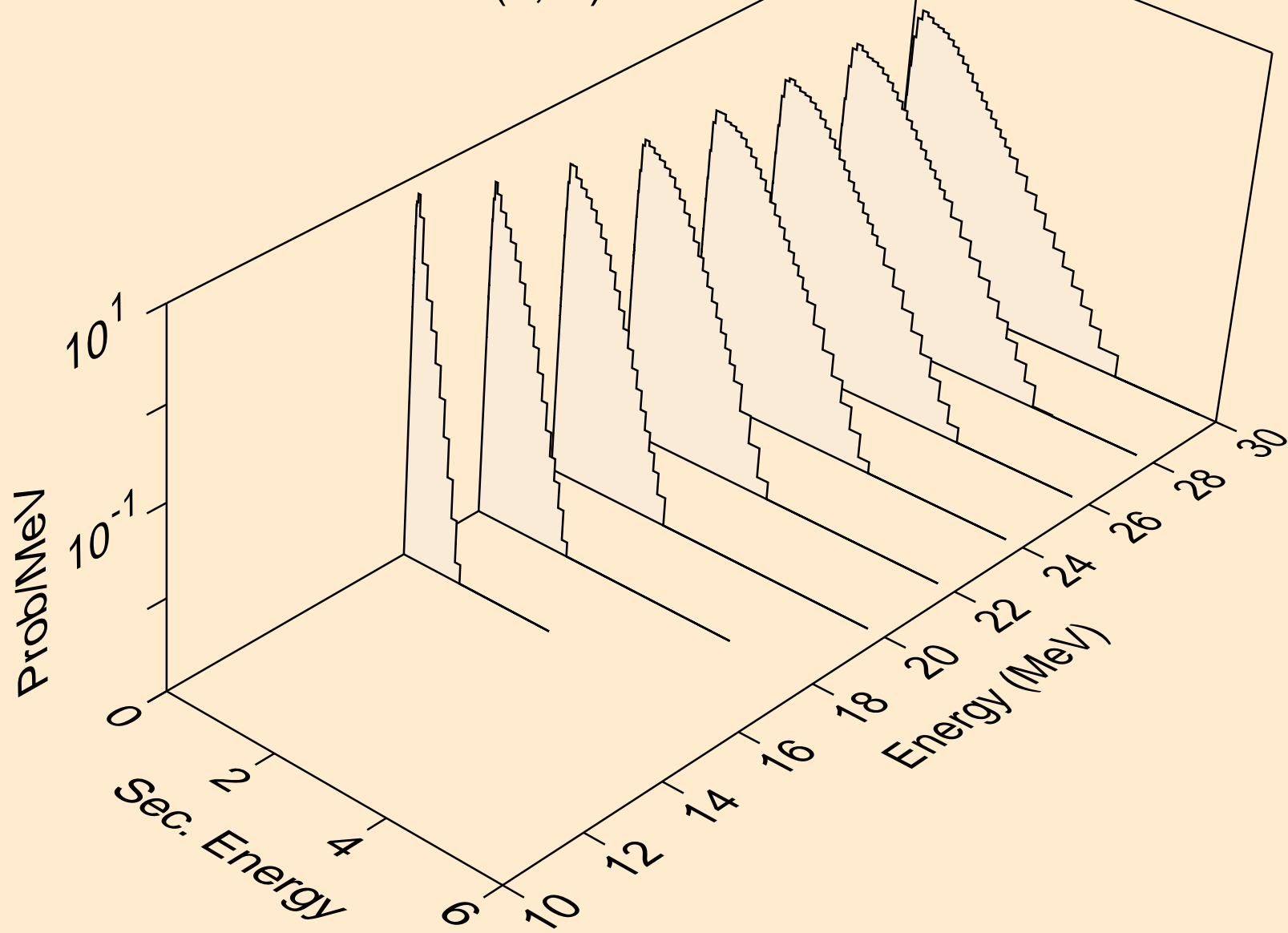
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2n)2a



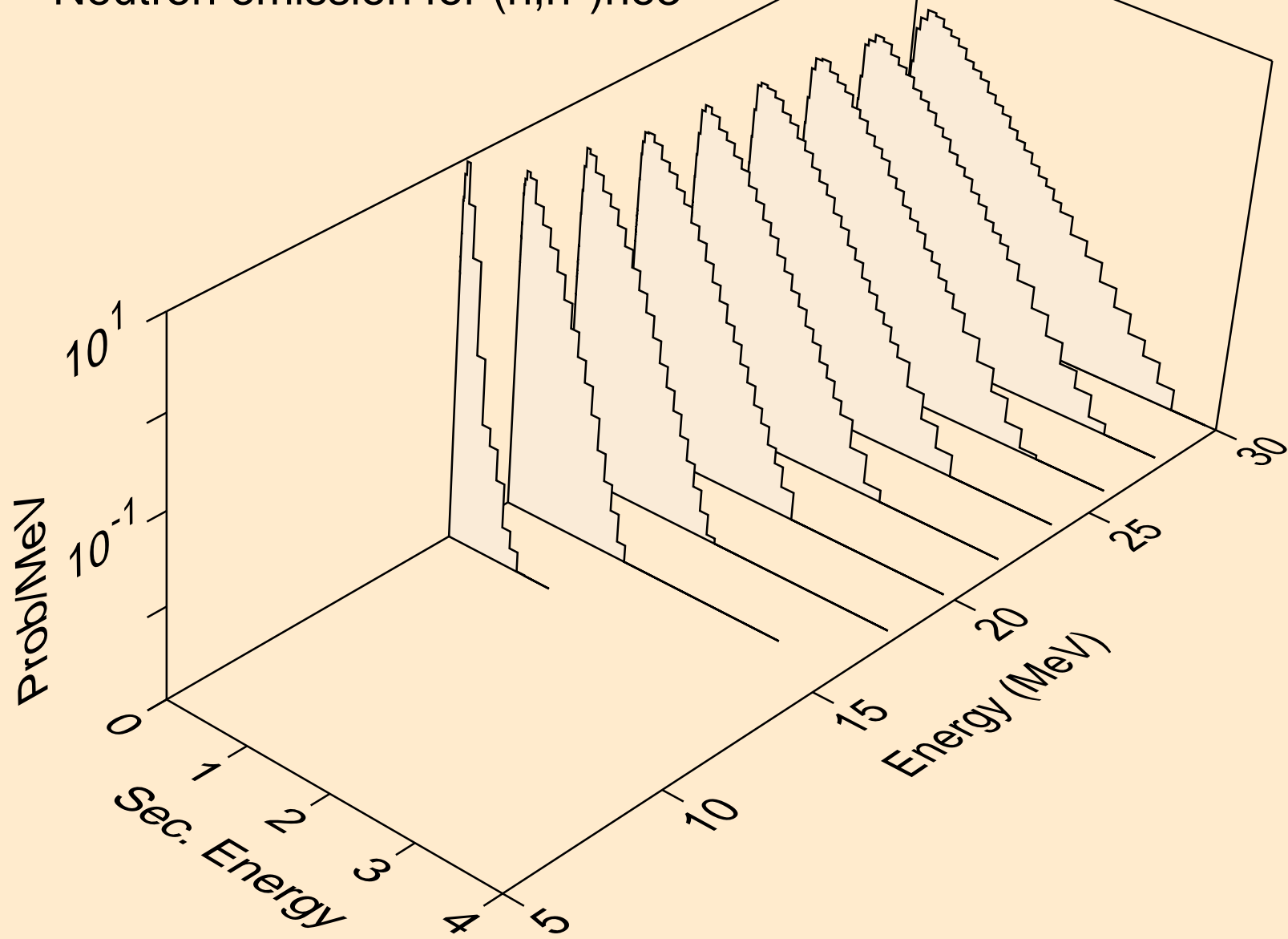
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)d



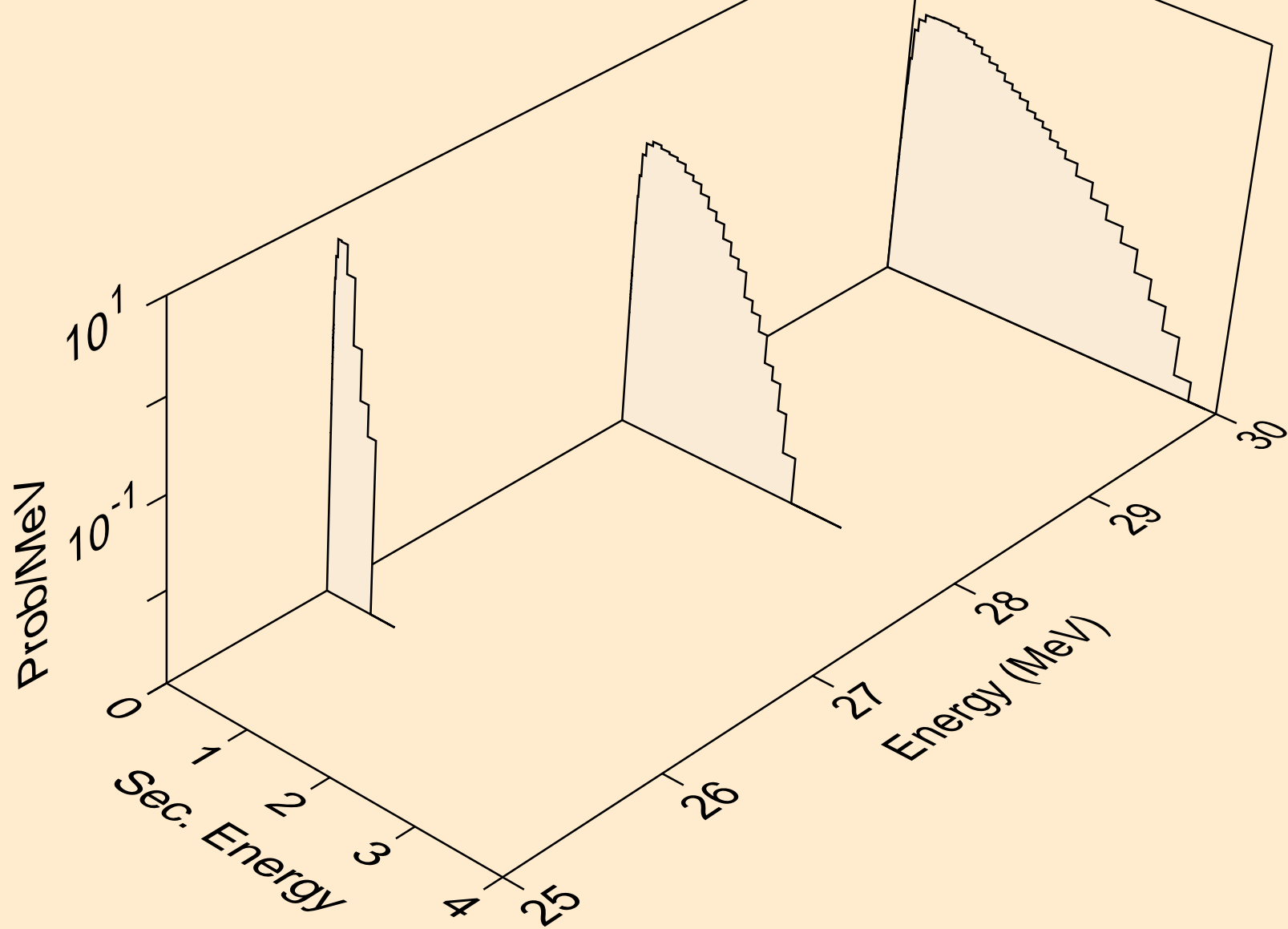
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)t



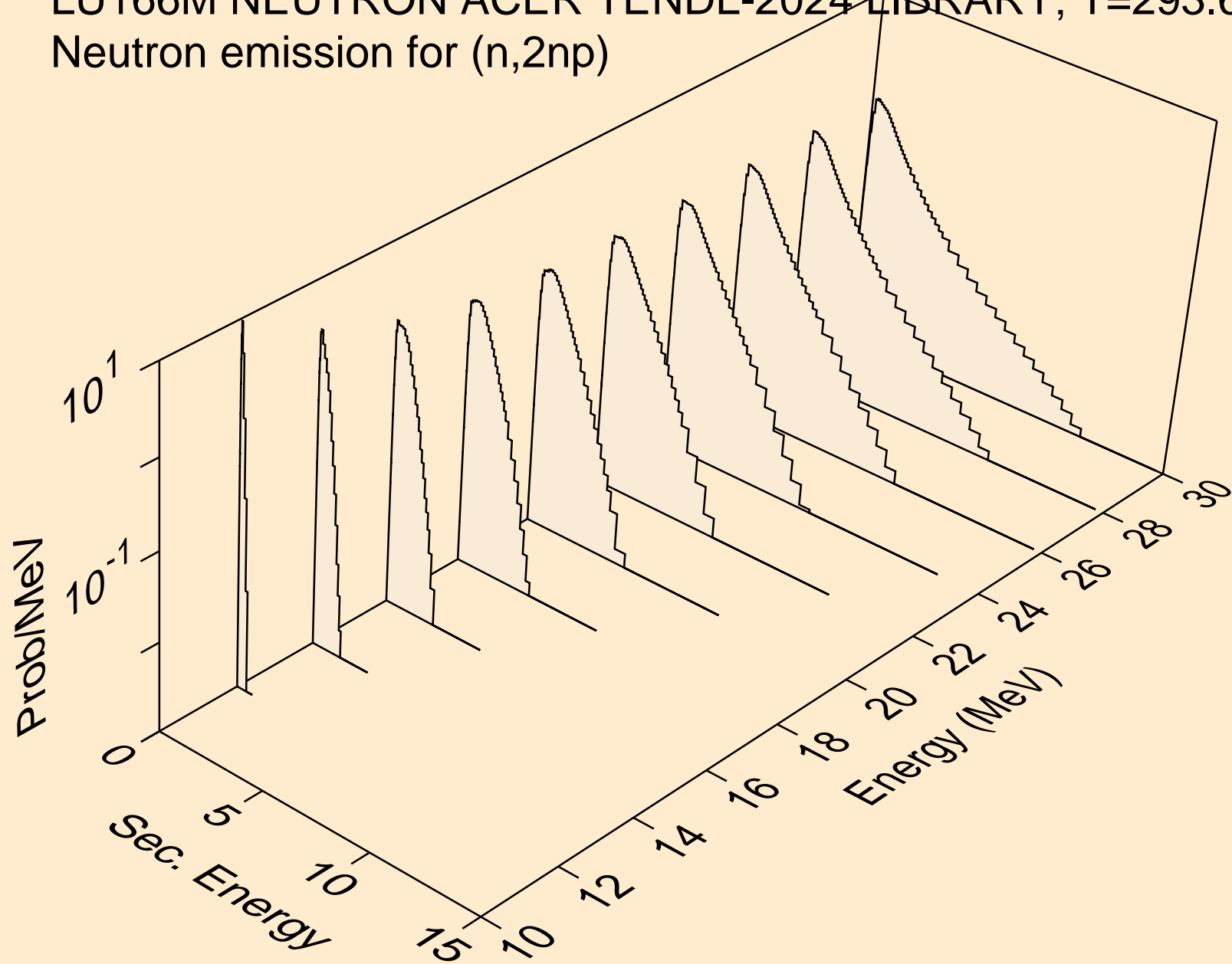
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*)he3



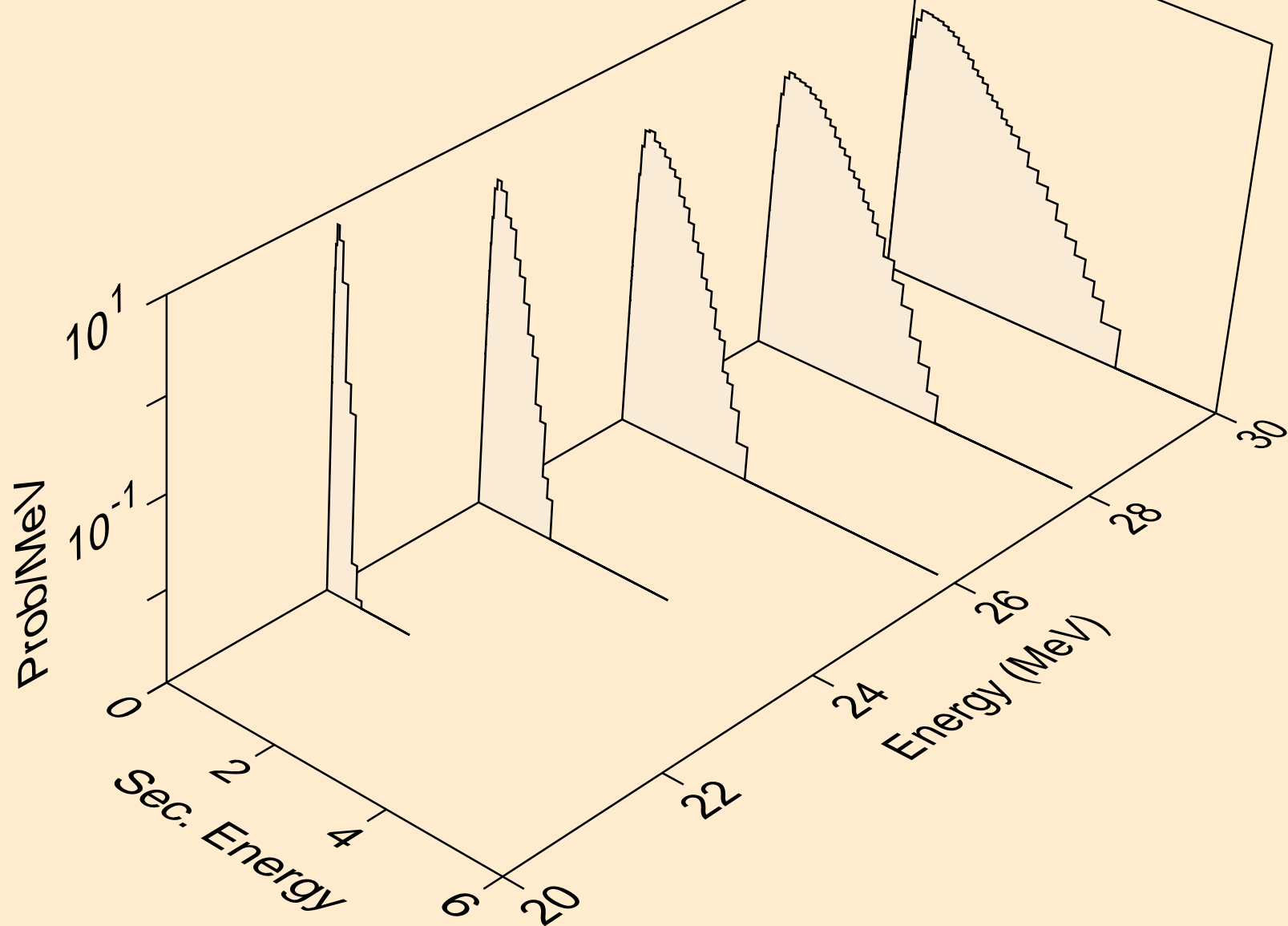
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,4n)



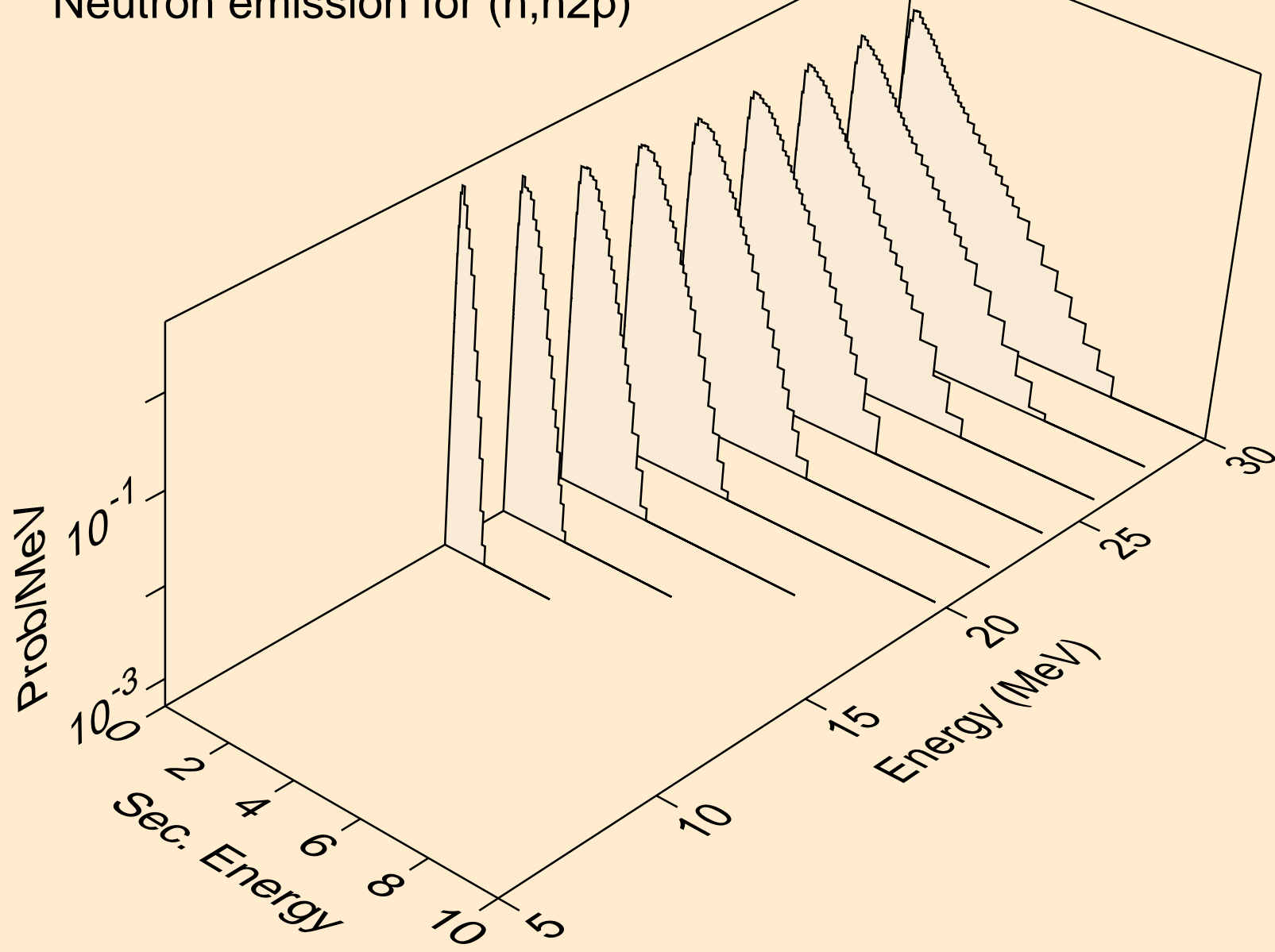
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,2np)



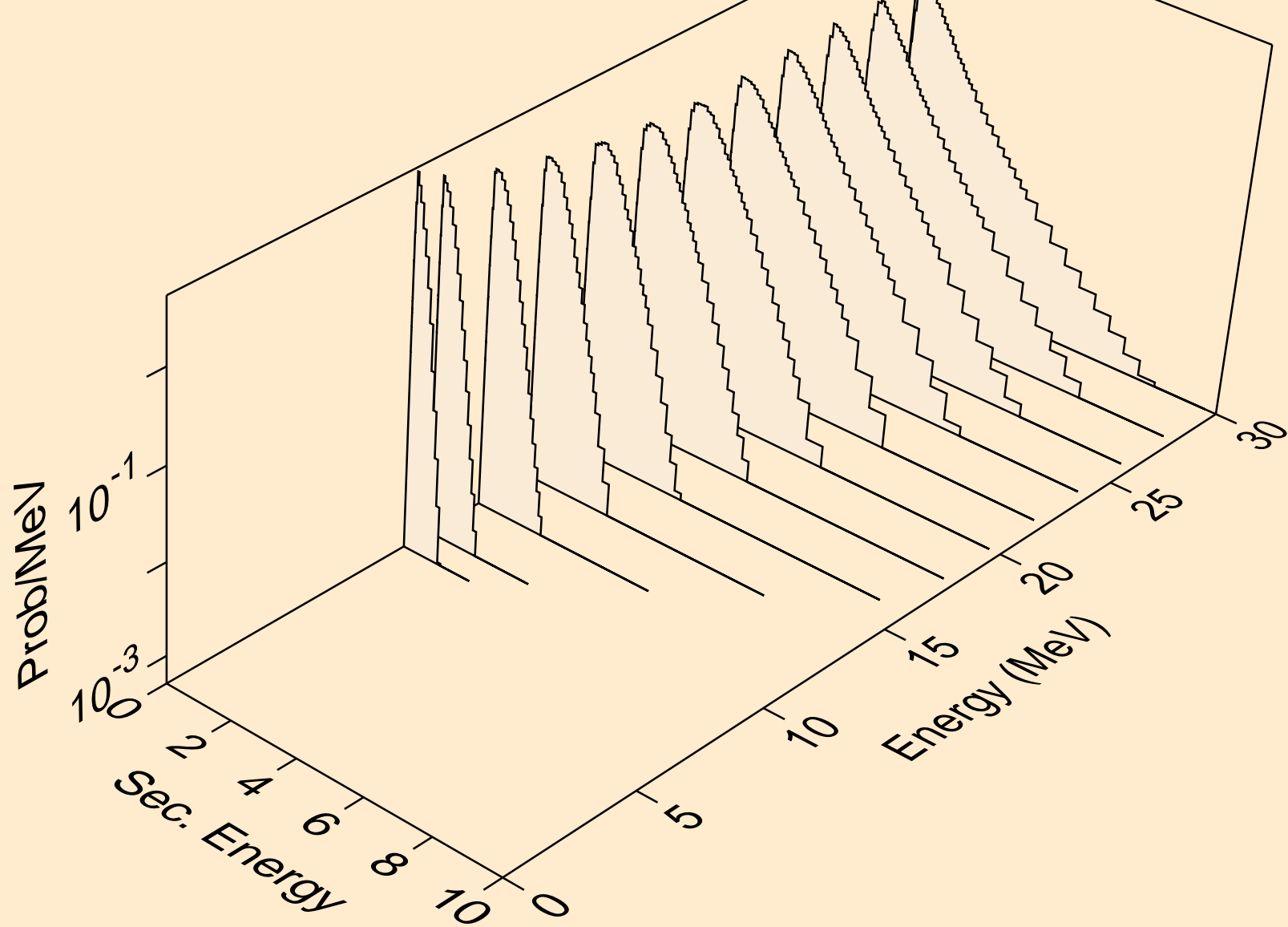
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,3np)



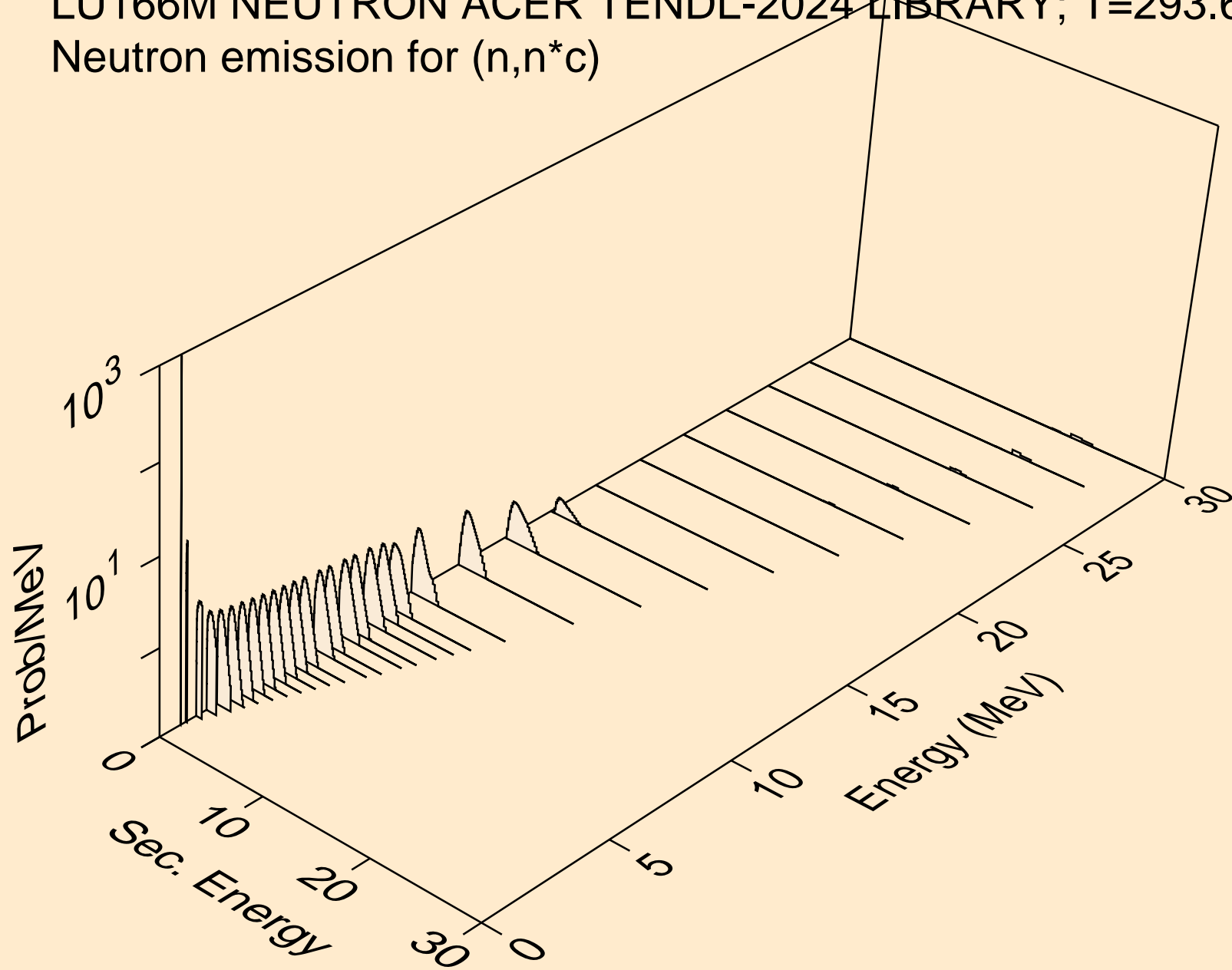
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n2p)



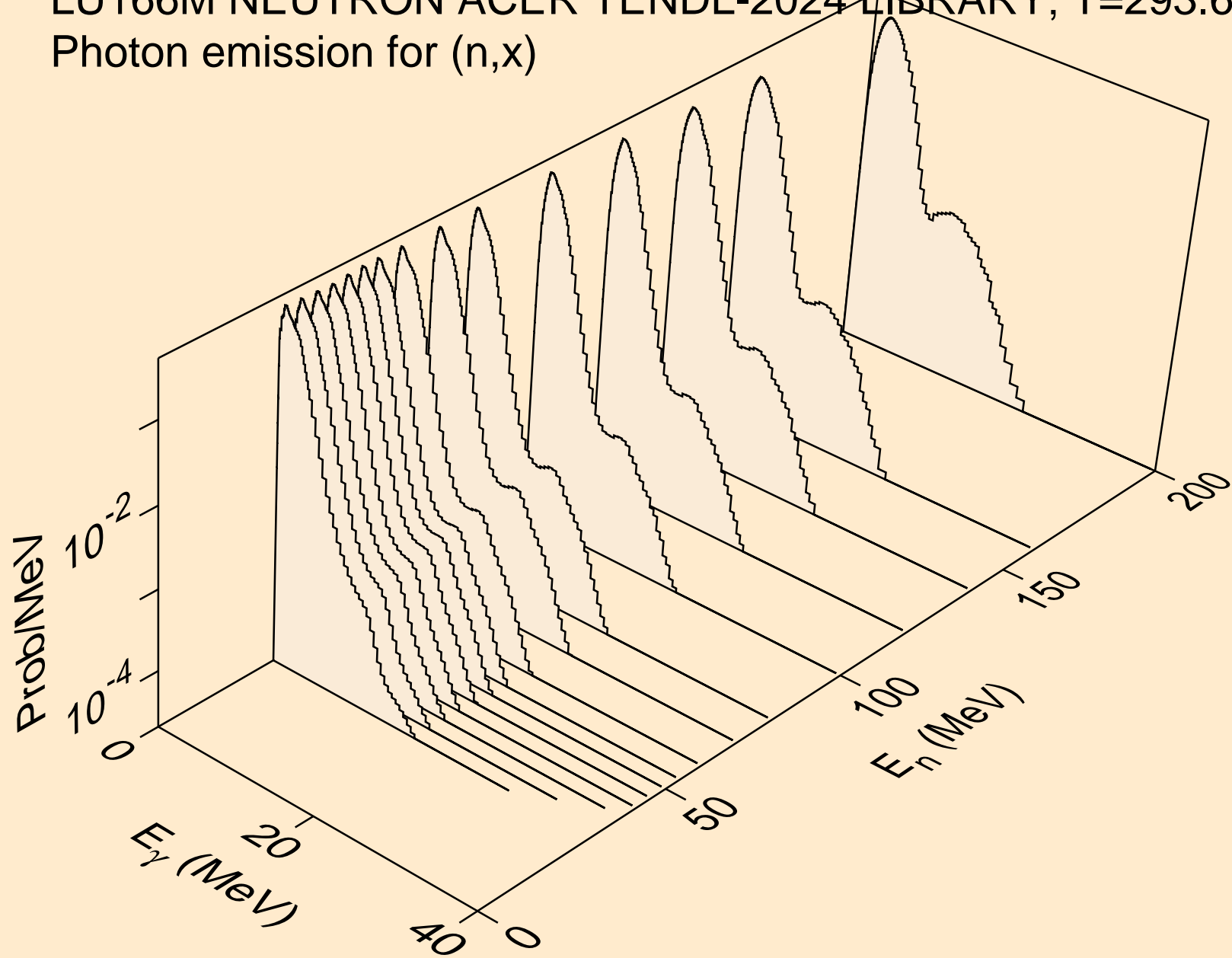
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,npa)



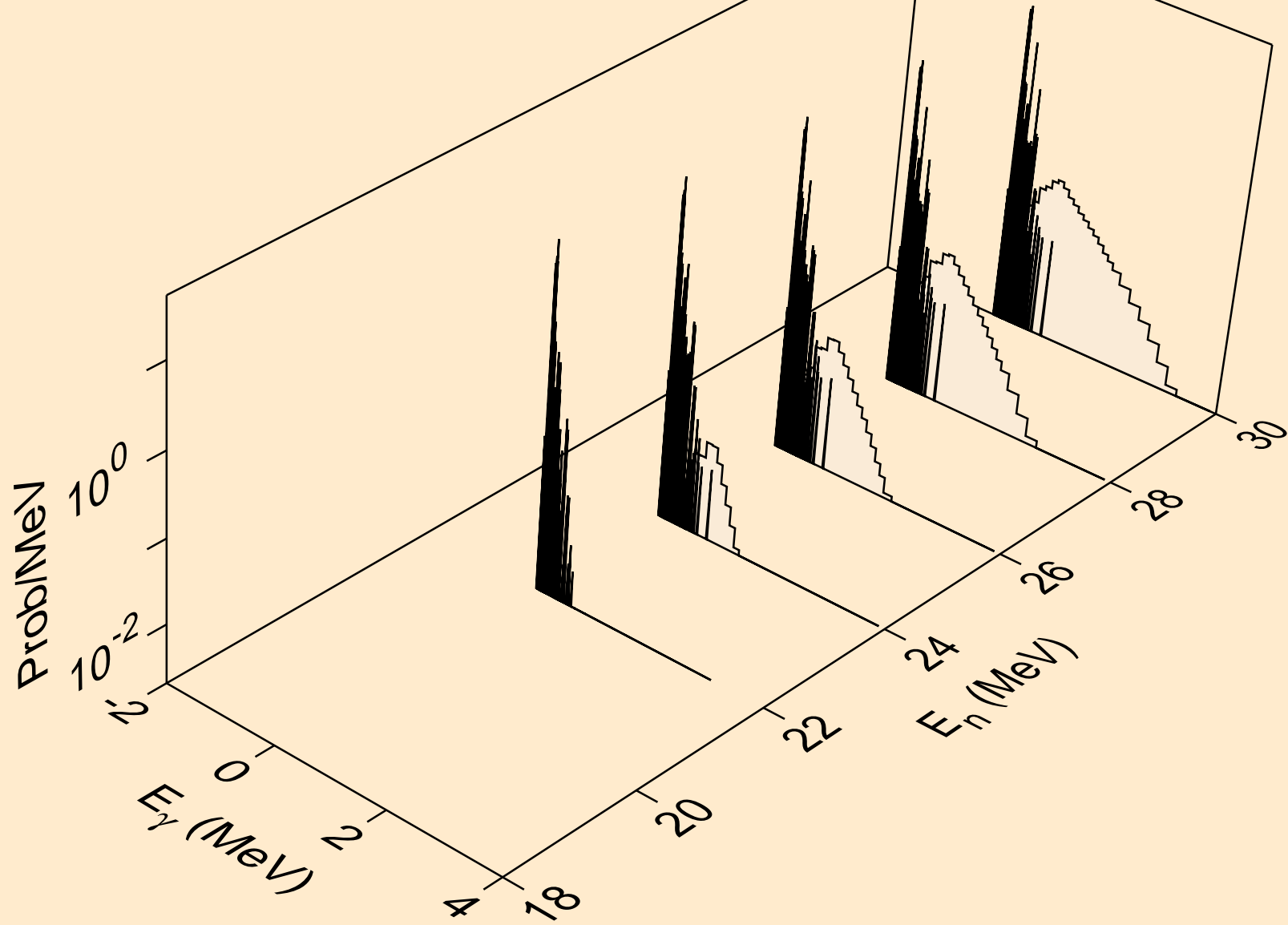
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Neutron emission for (n,n*c)



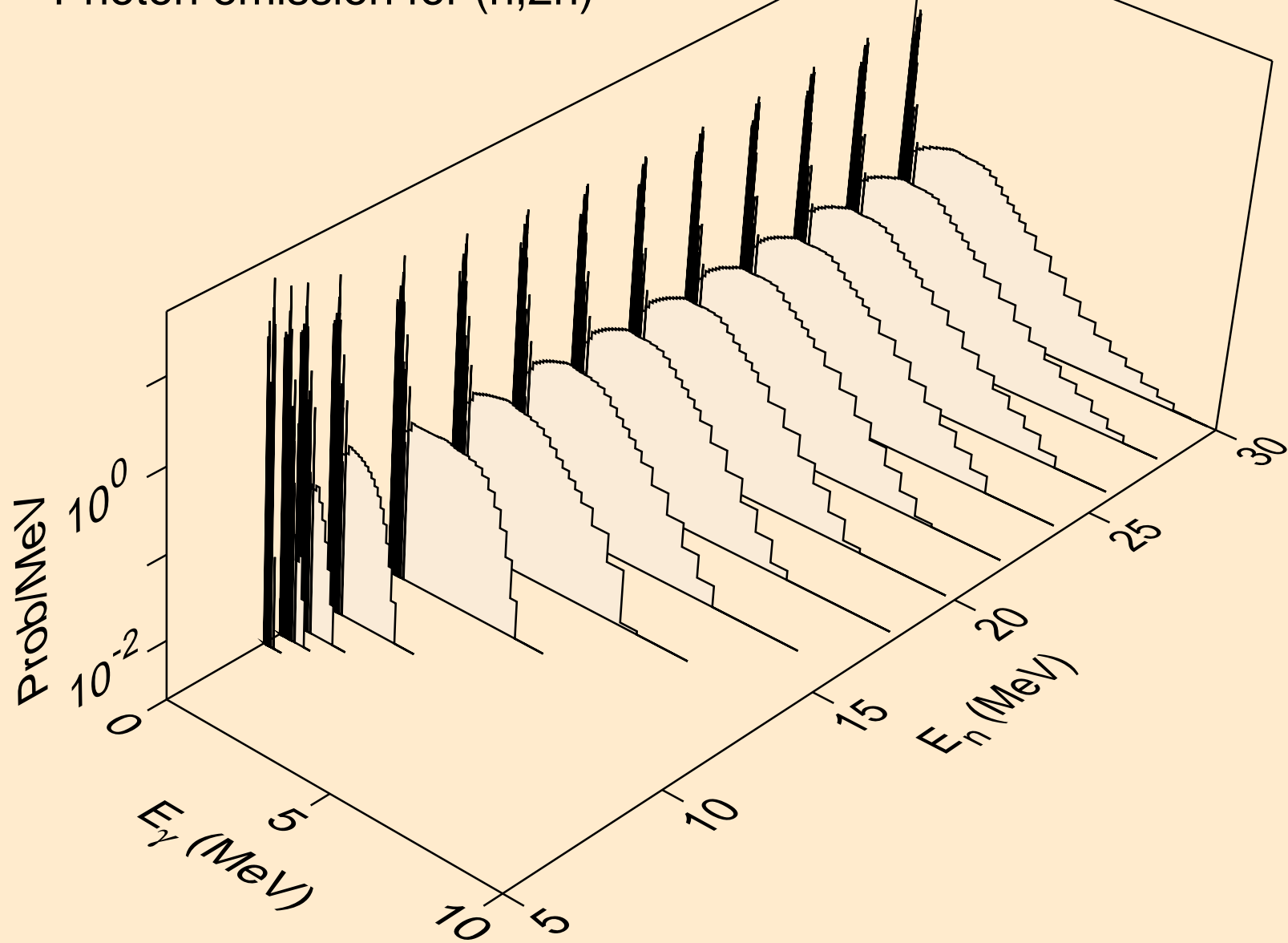
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,x)



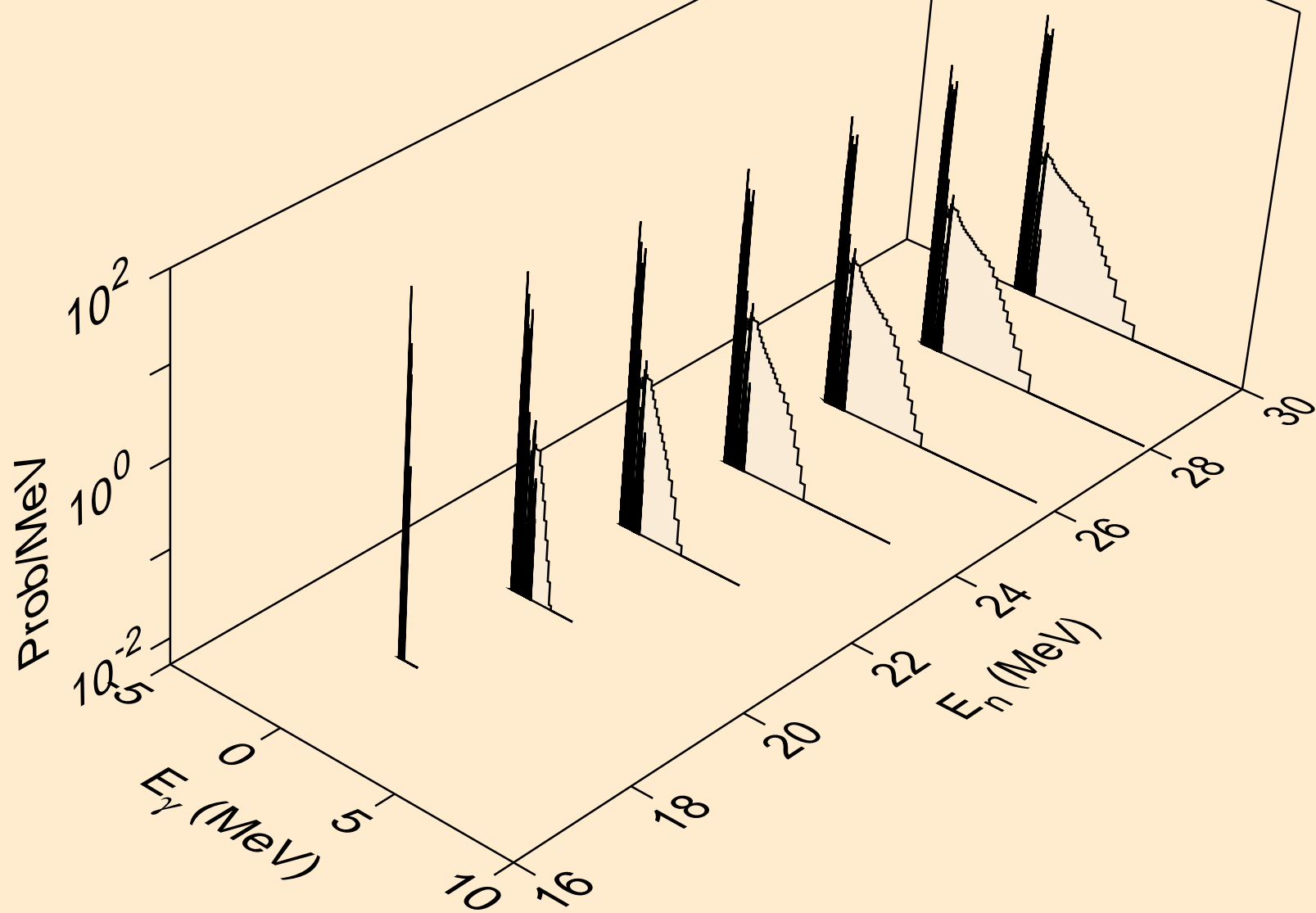
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2nd)



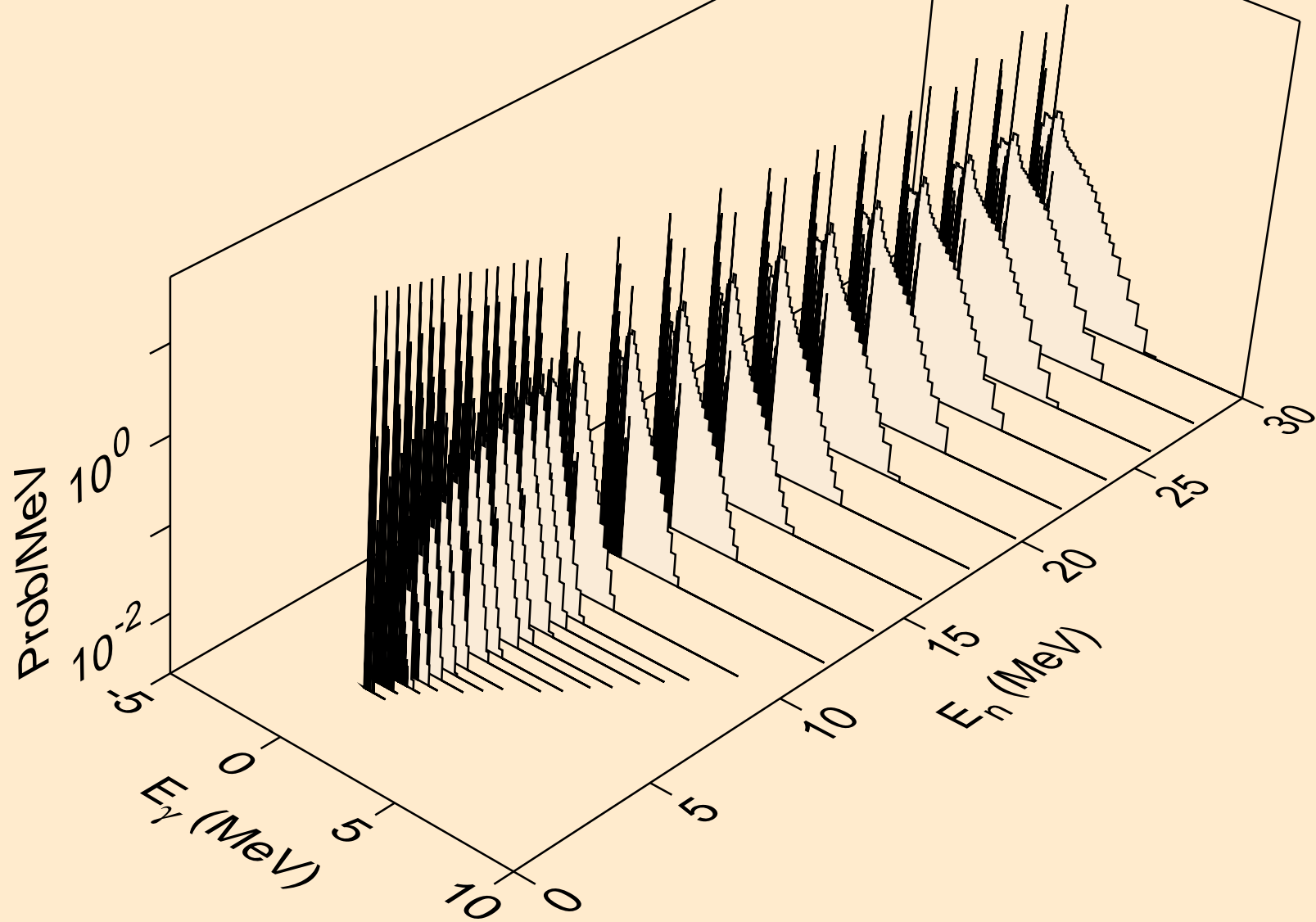
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)



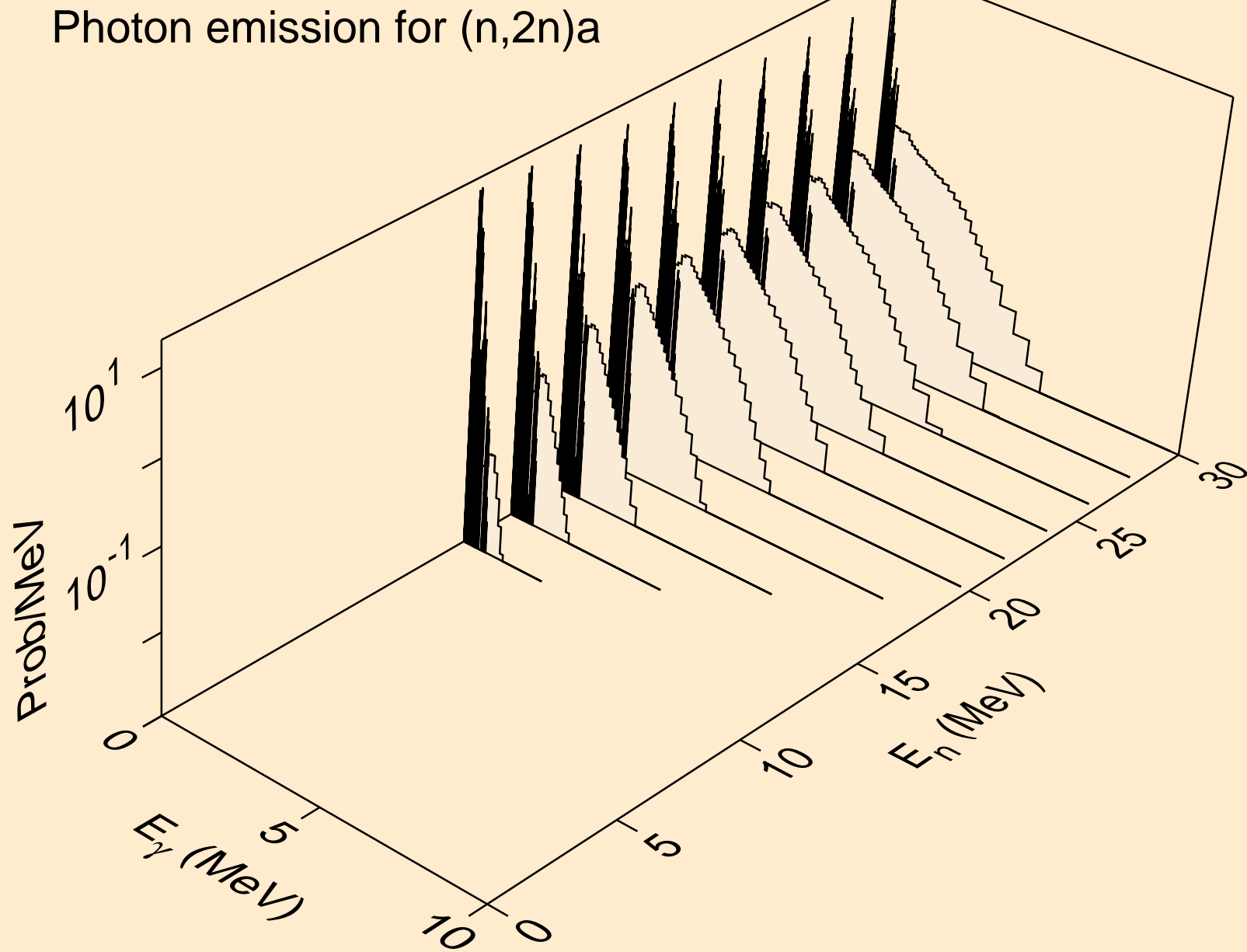
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)



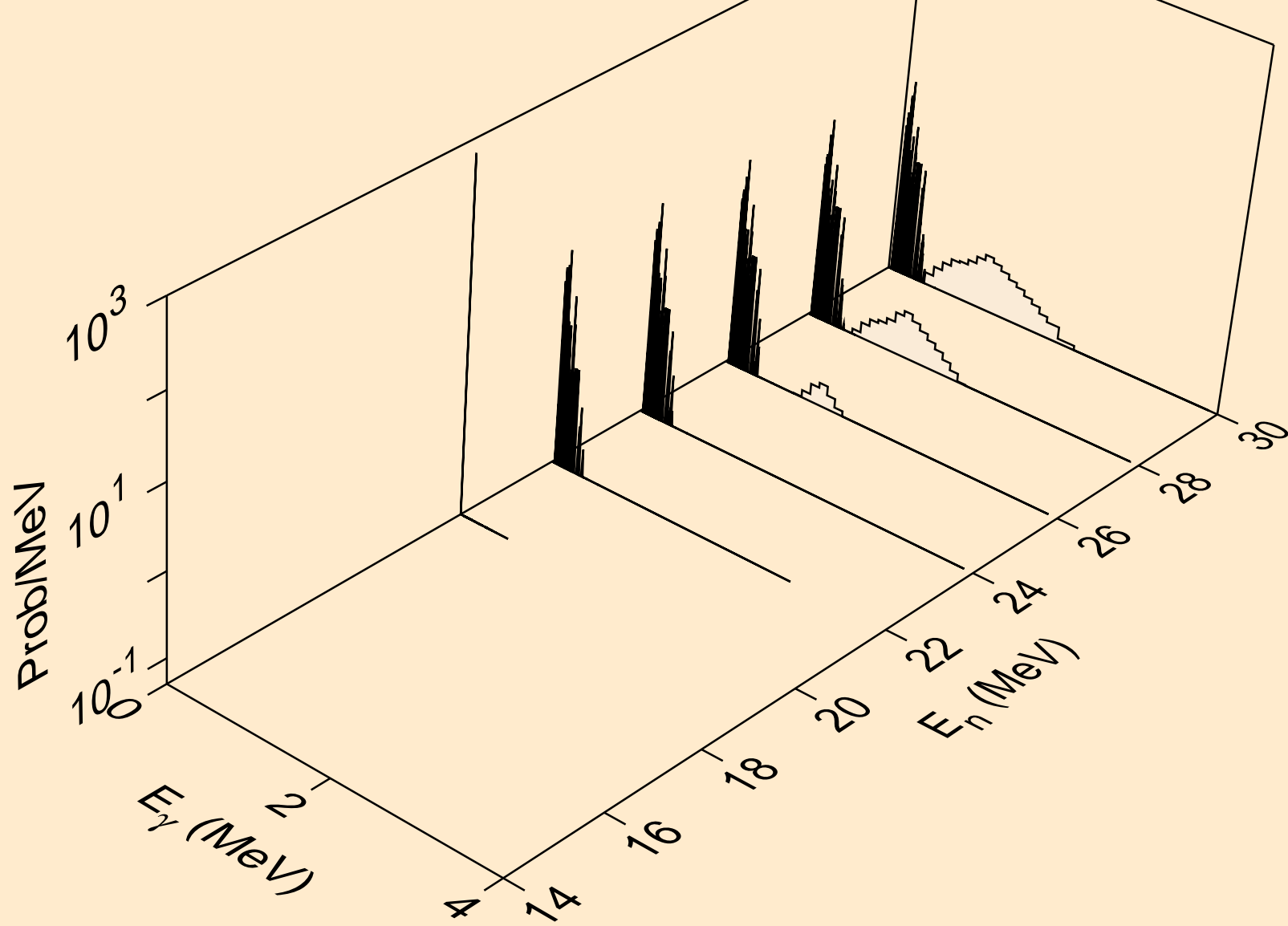
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)a



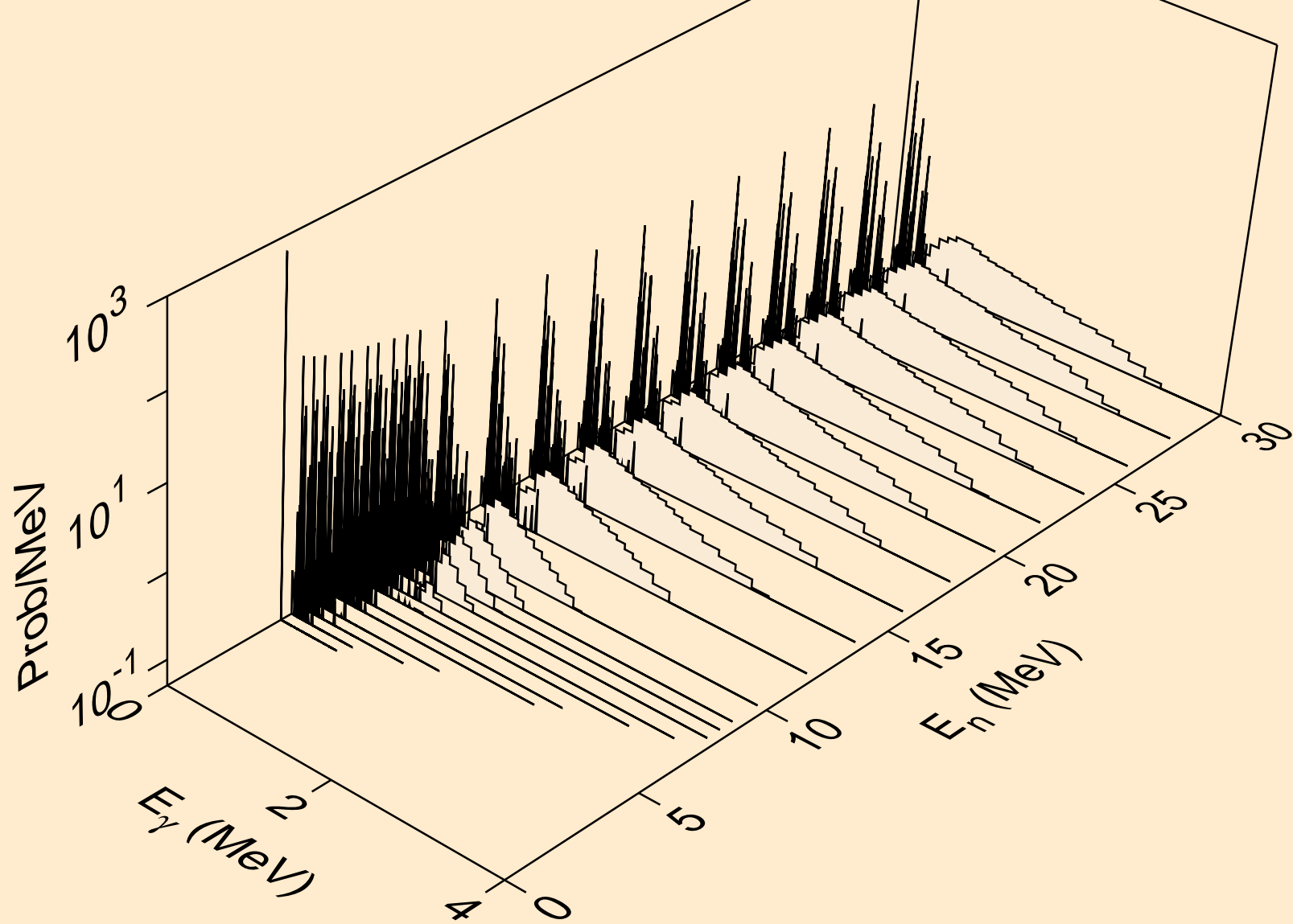
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)a



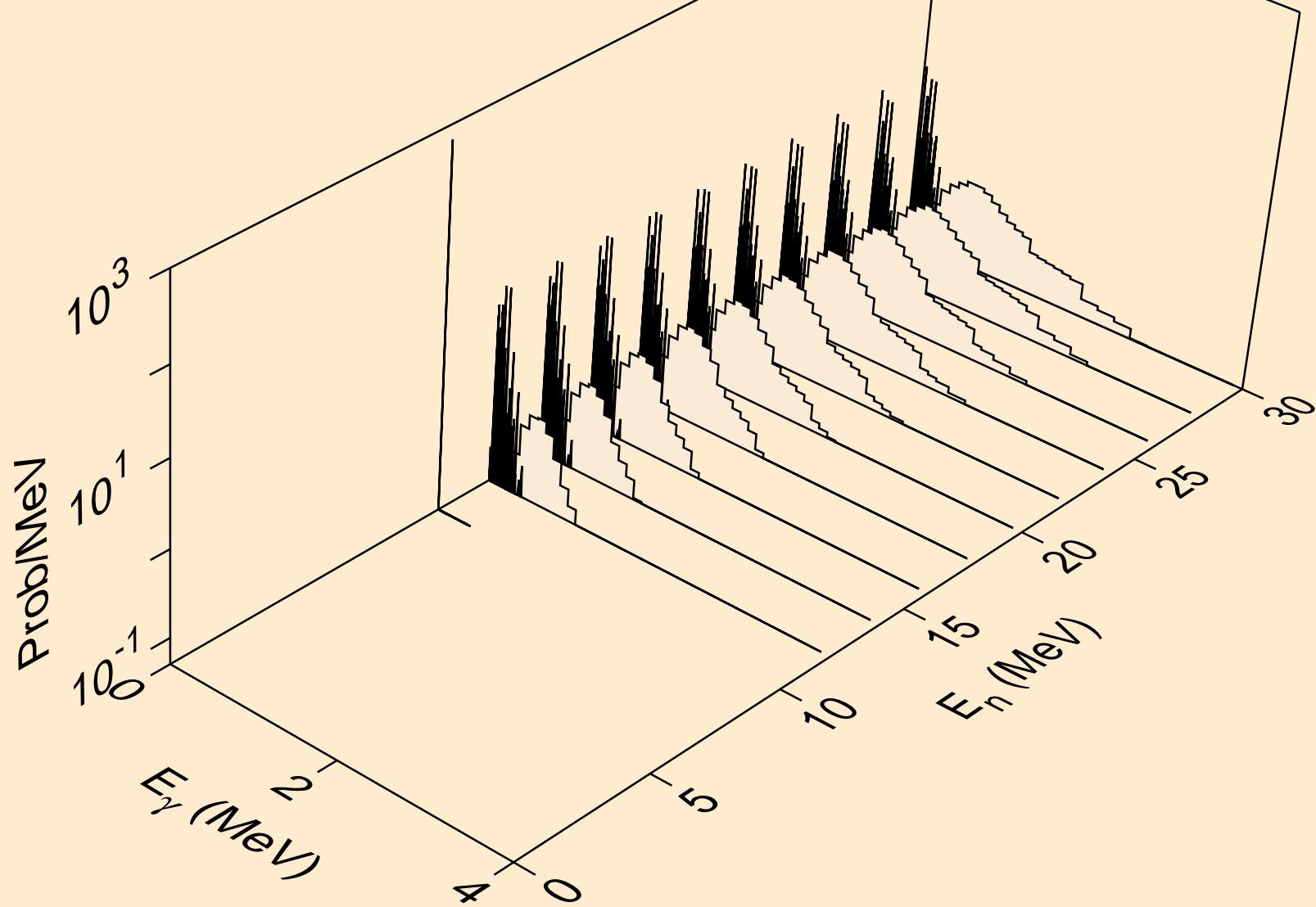
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3n)a



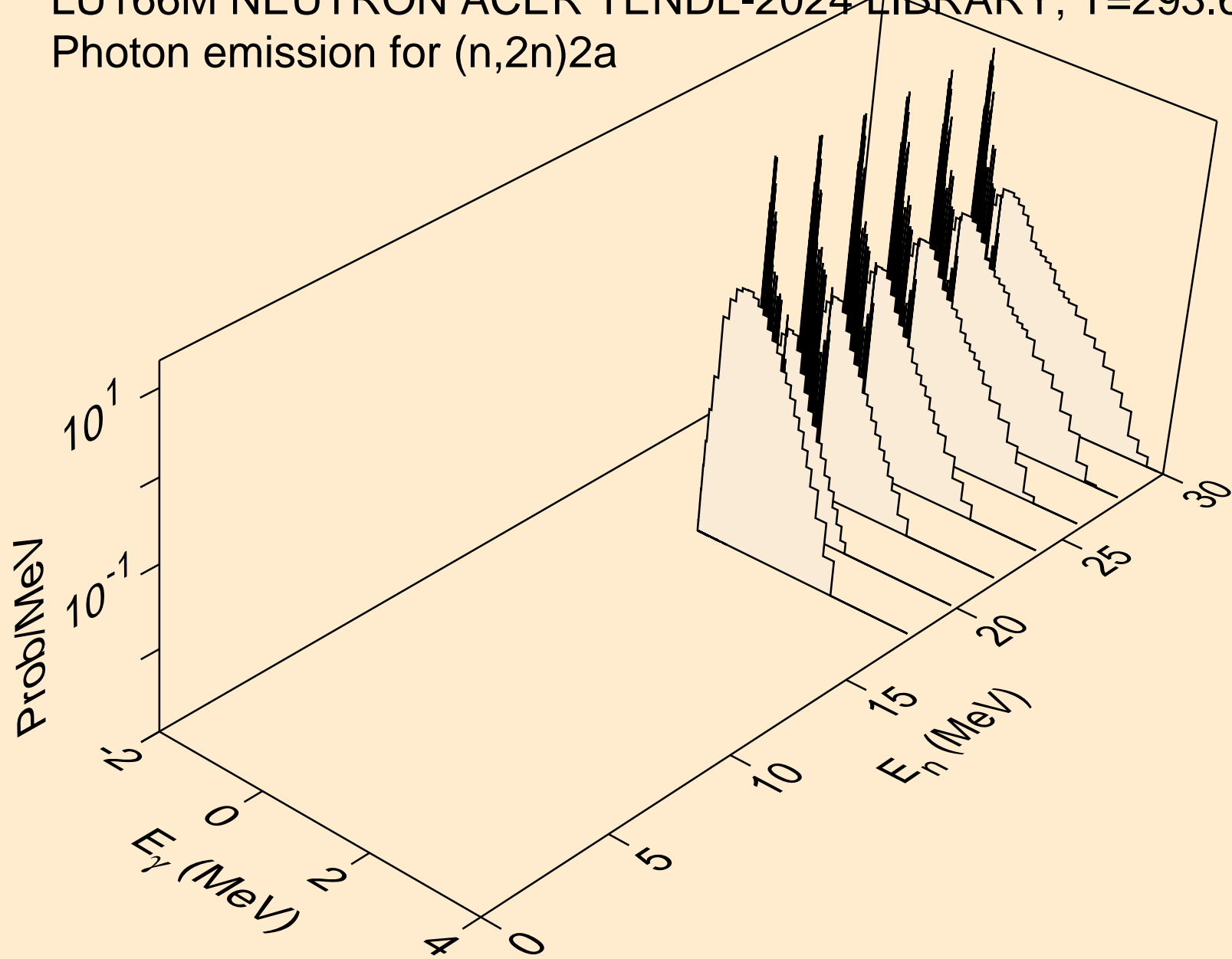
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)p



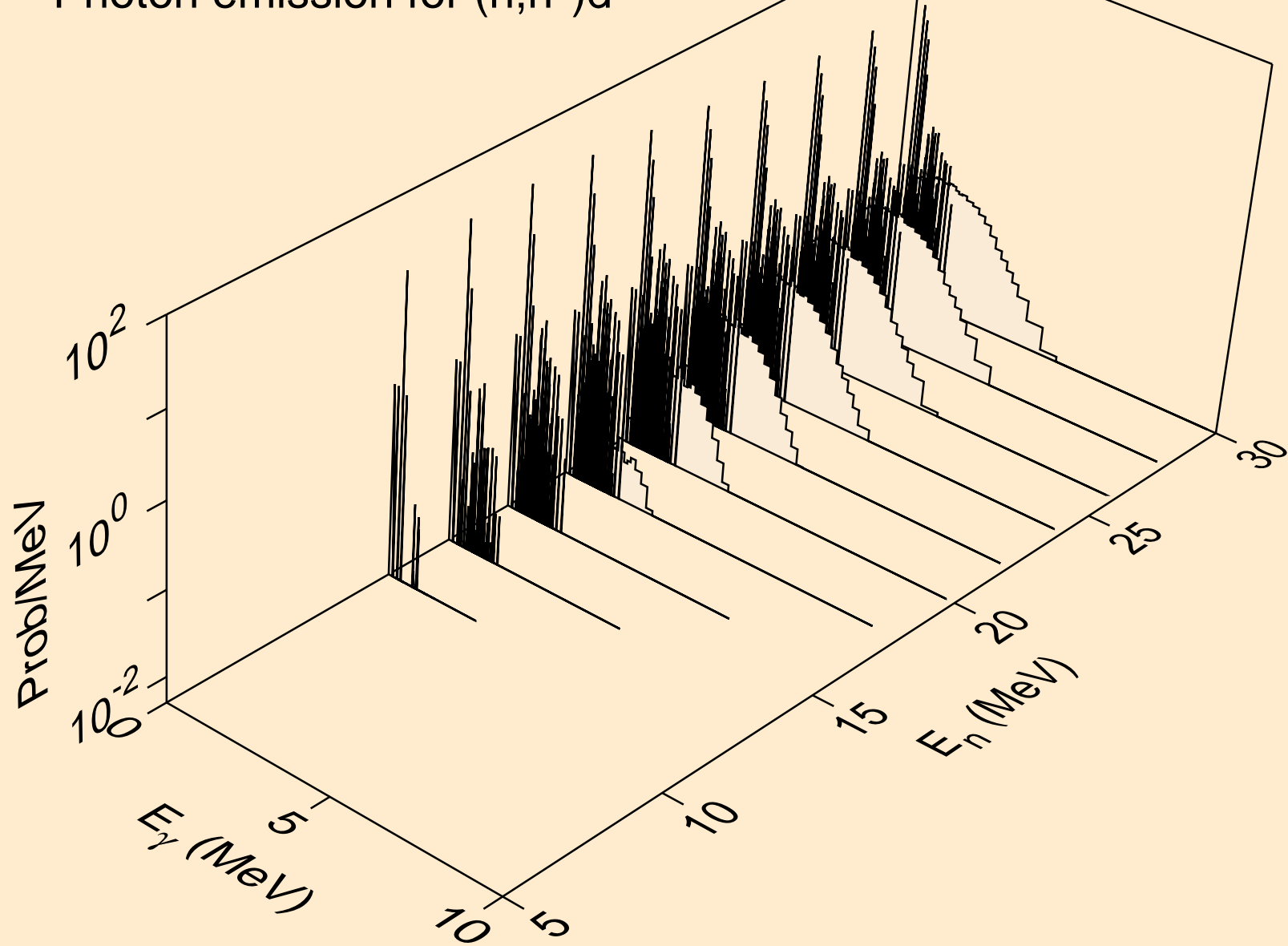
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)2a



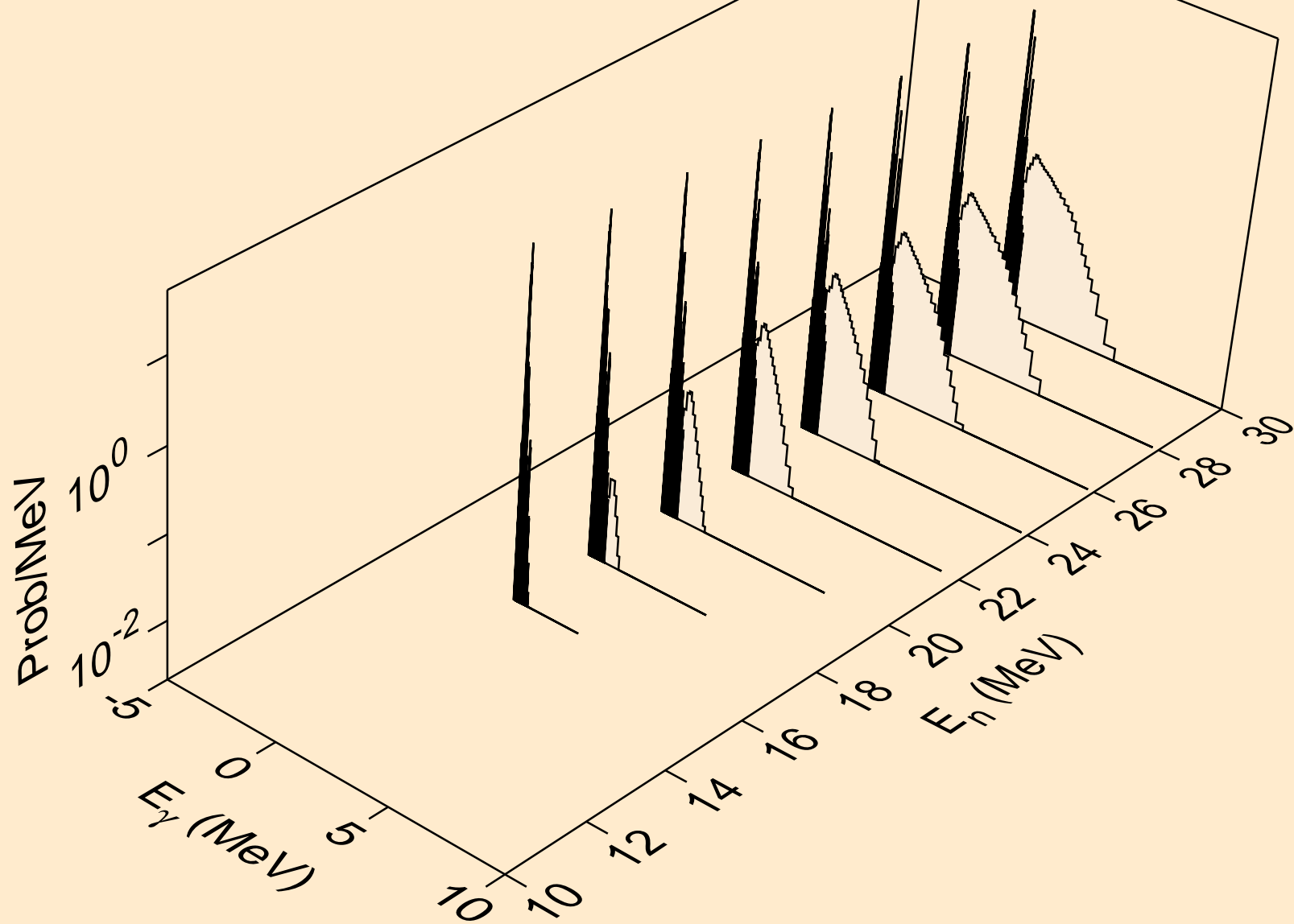
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2n)2a



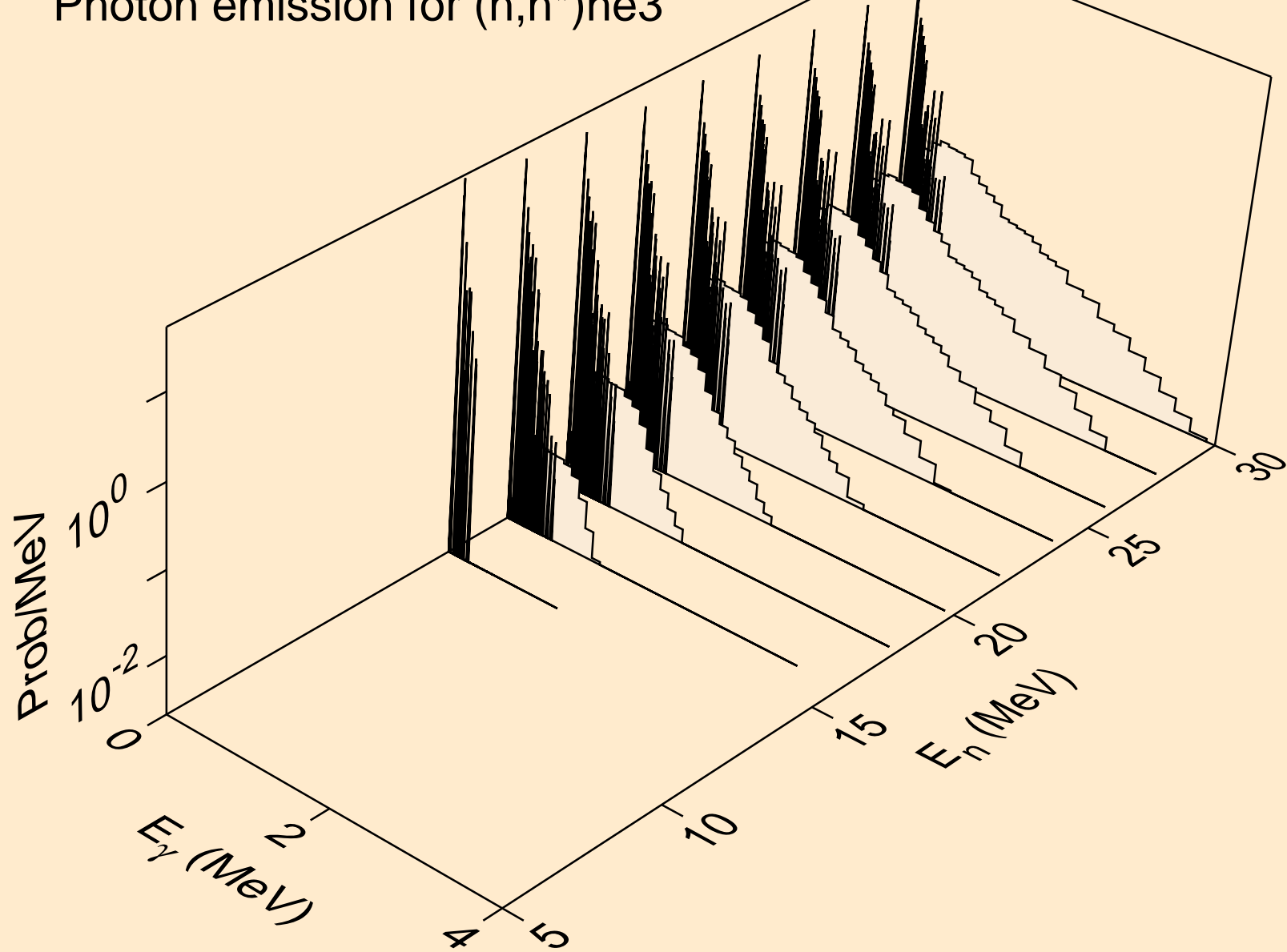
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)d



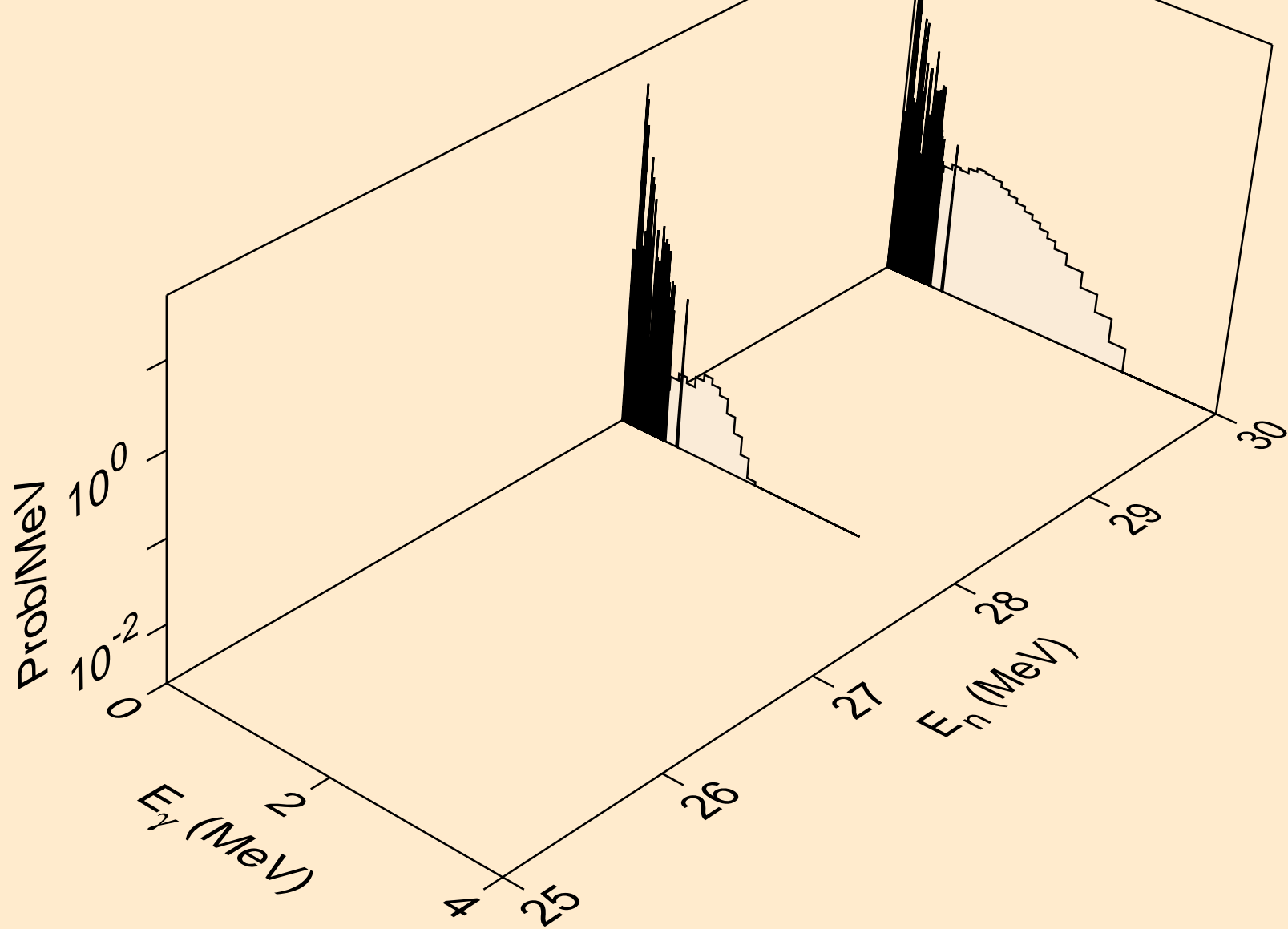
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)t



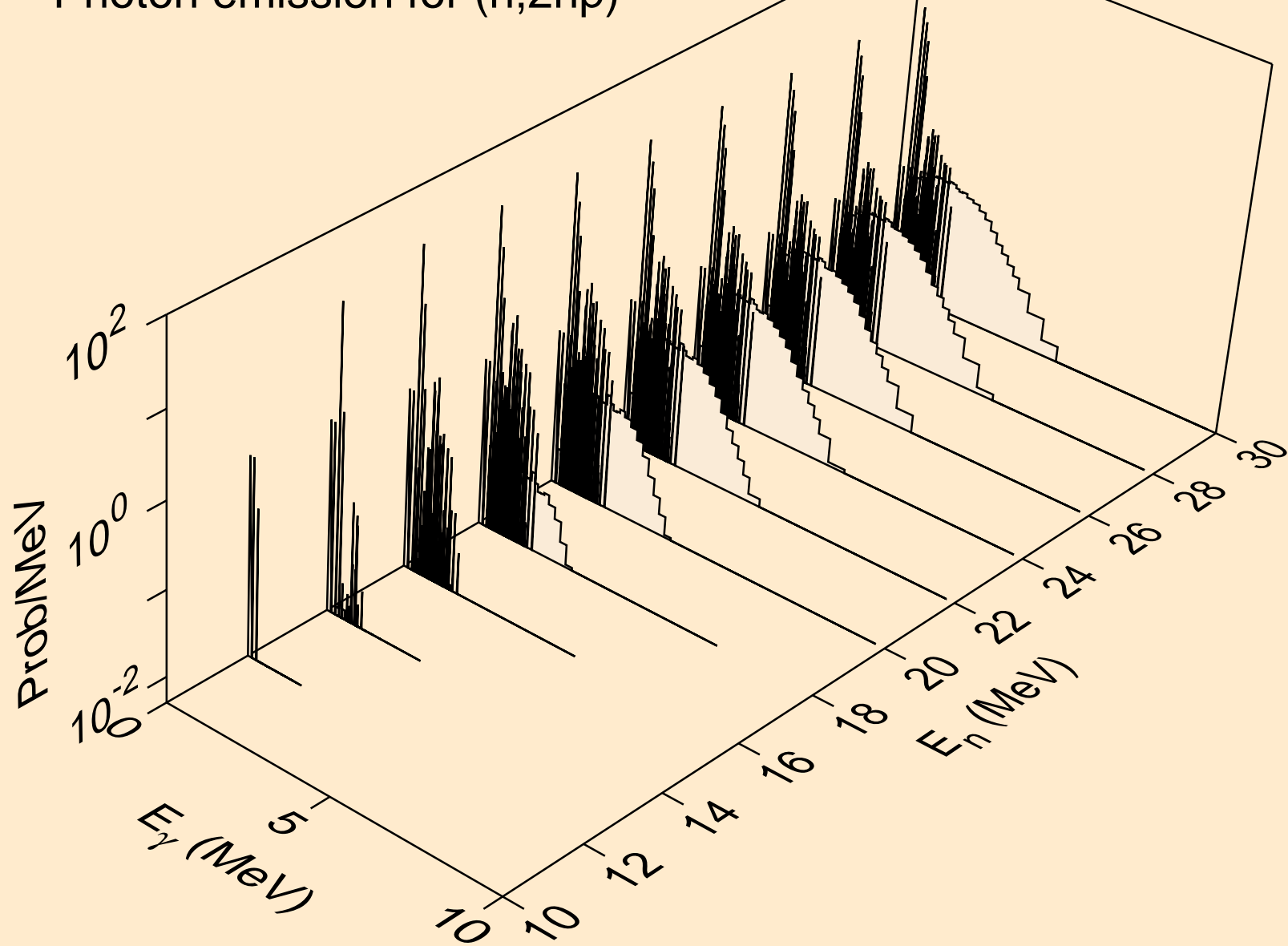
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*)he3



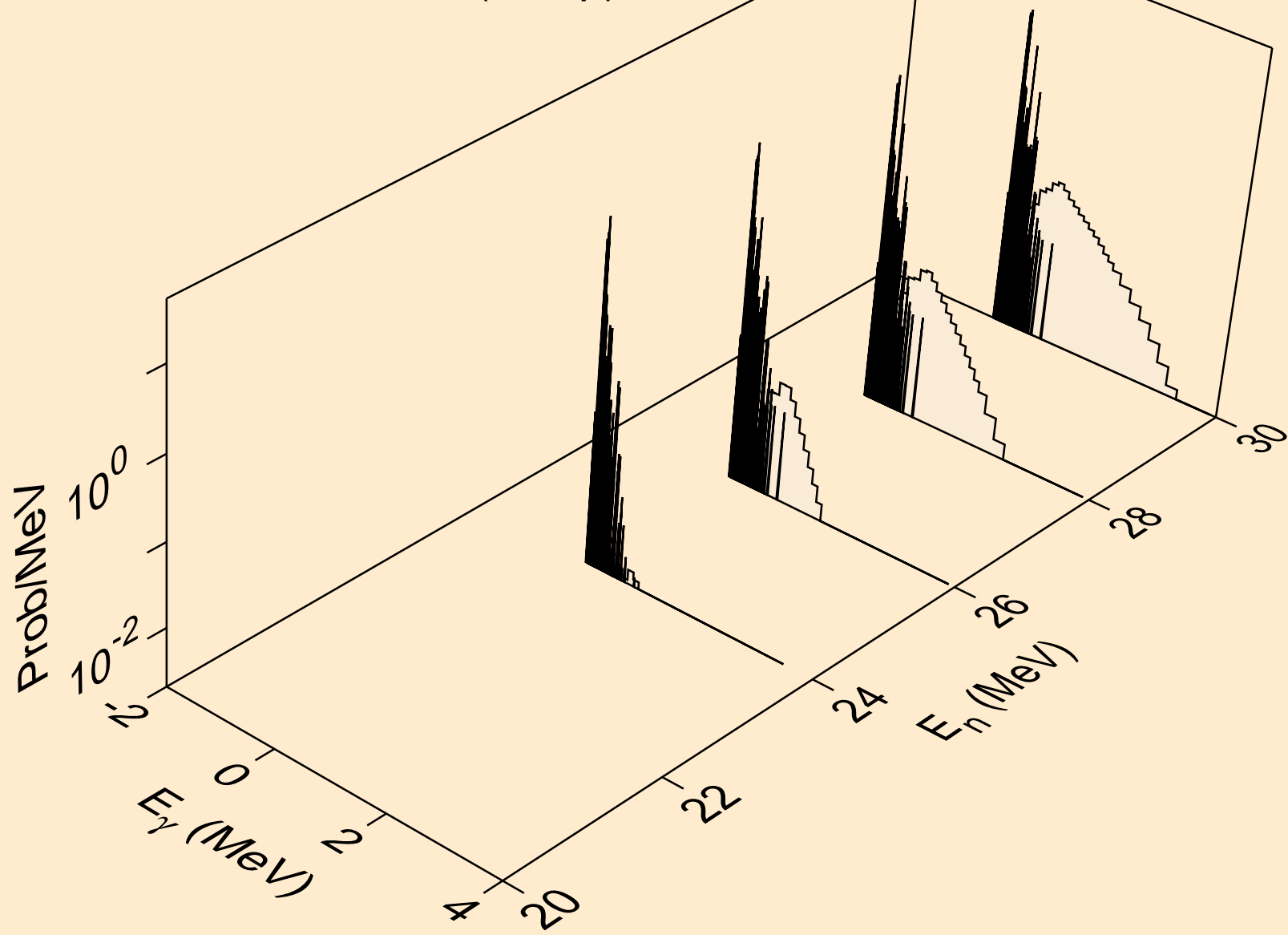
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,4n)



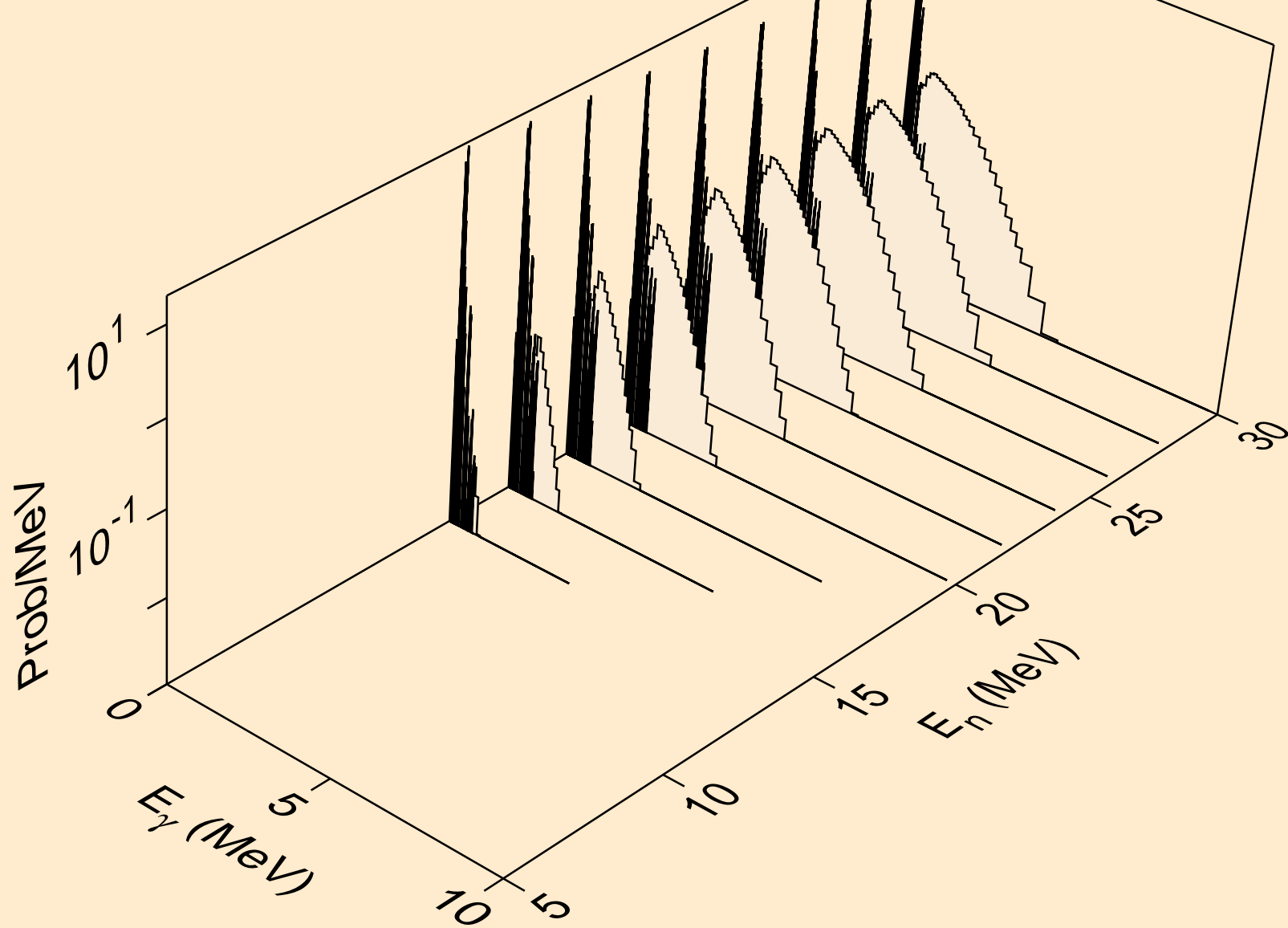
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2np)



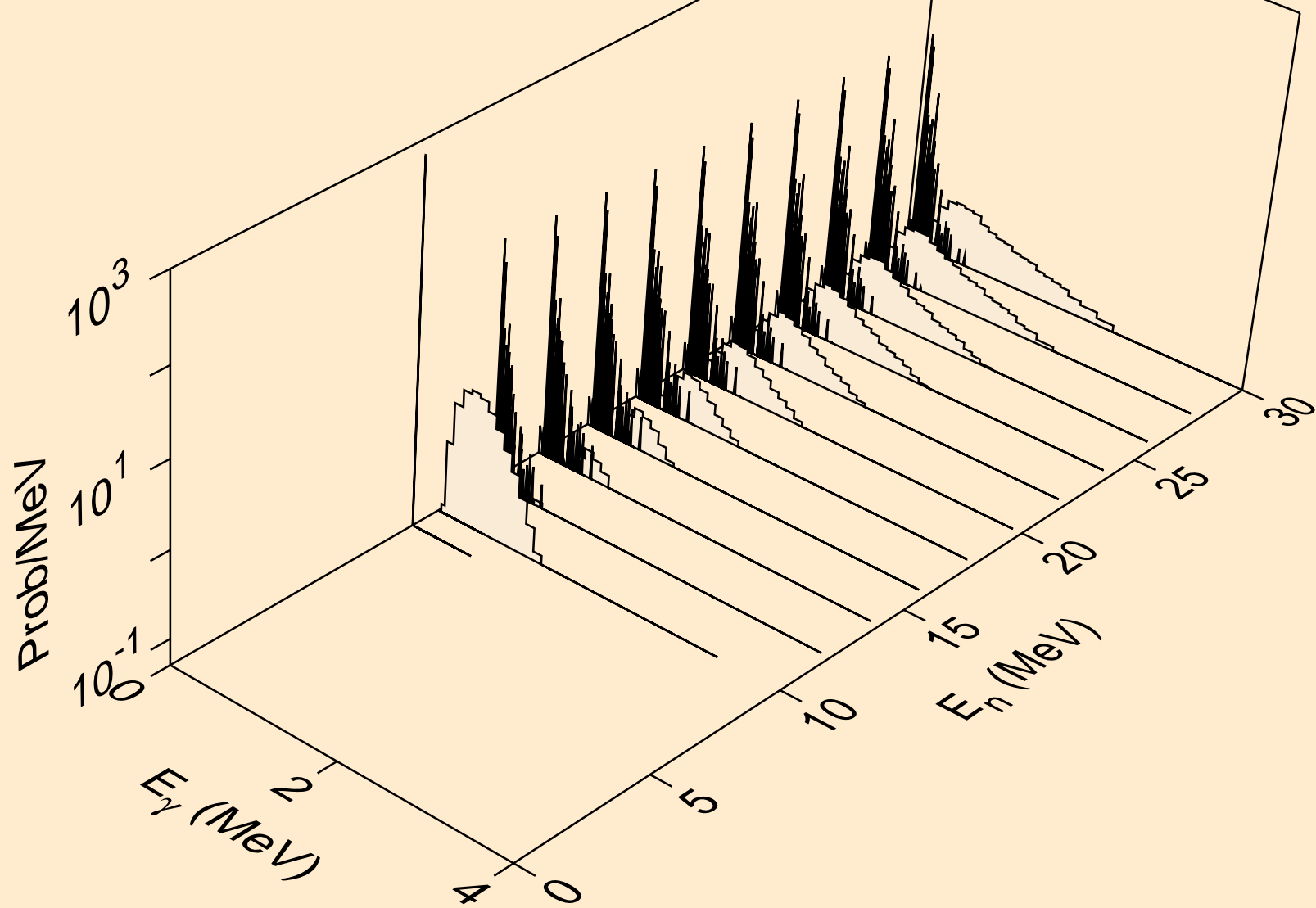
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,3np)



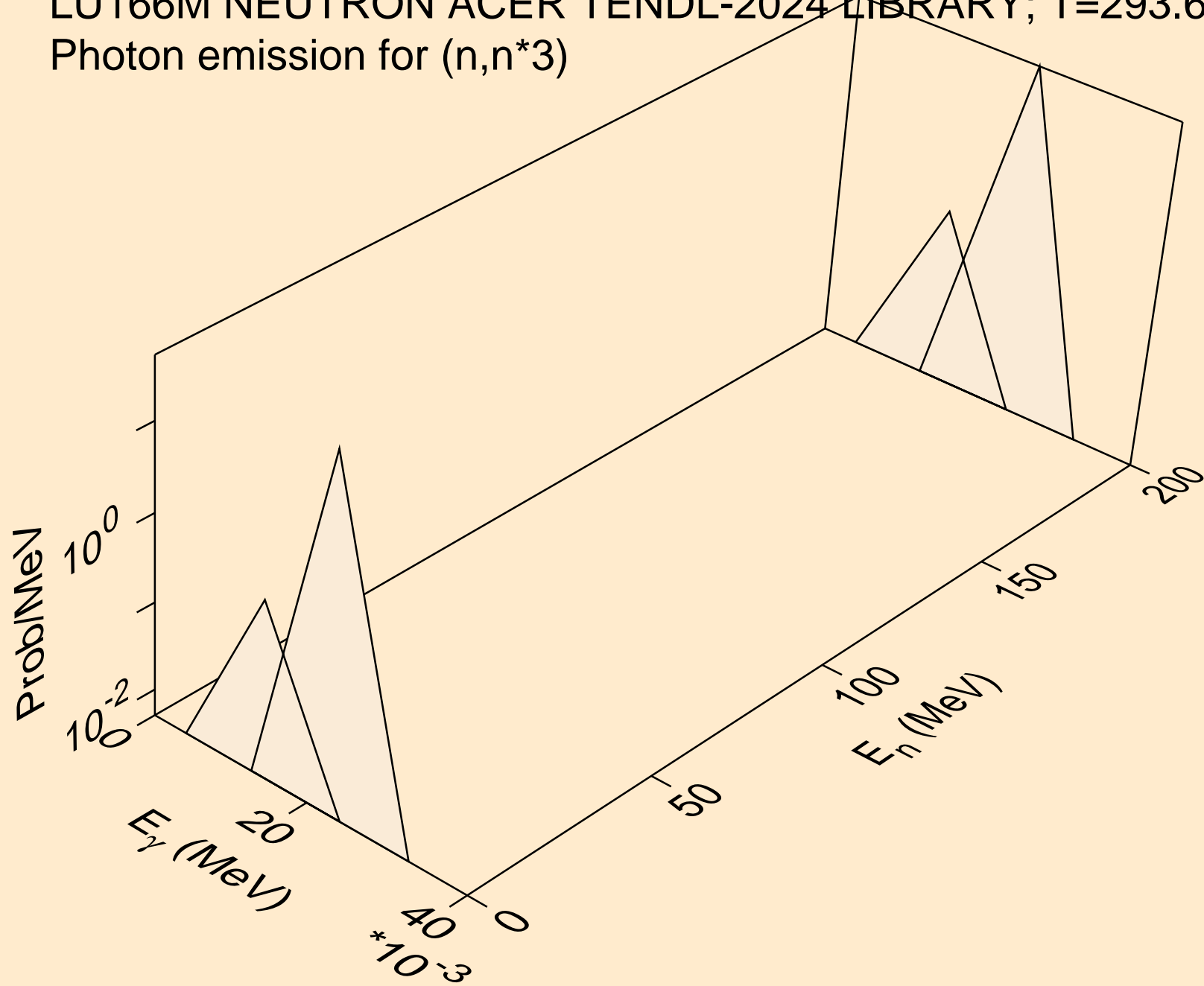
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n2p)



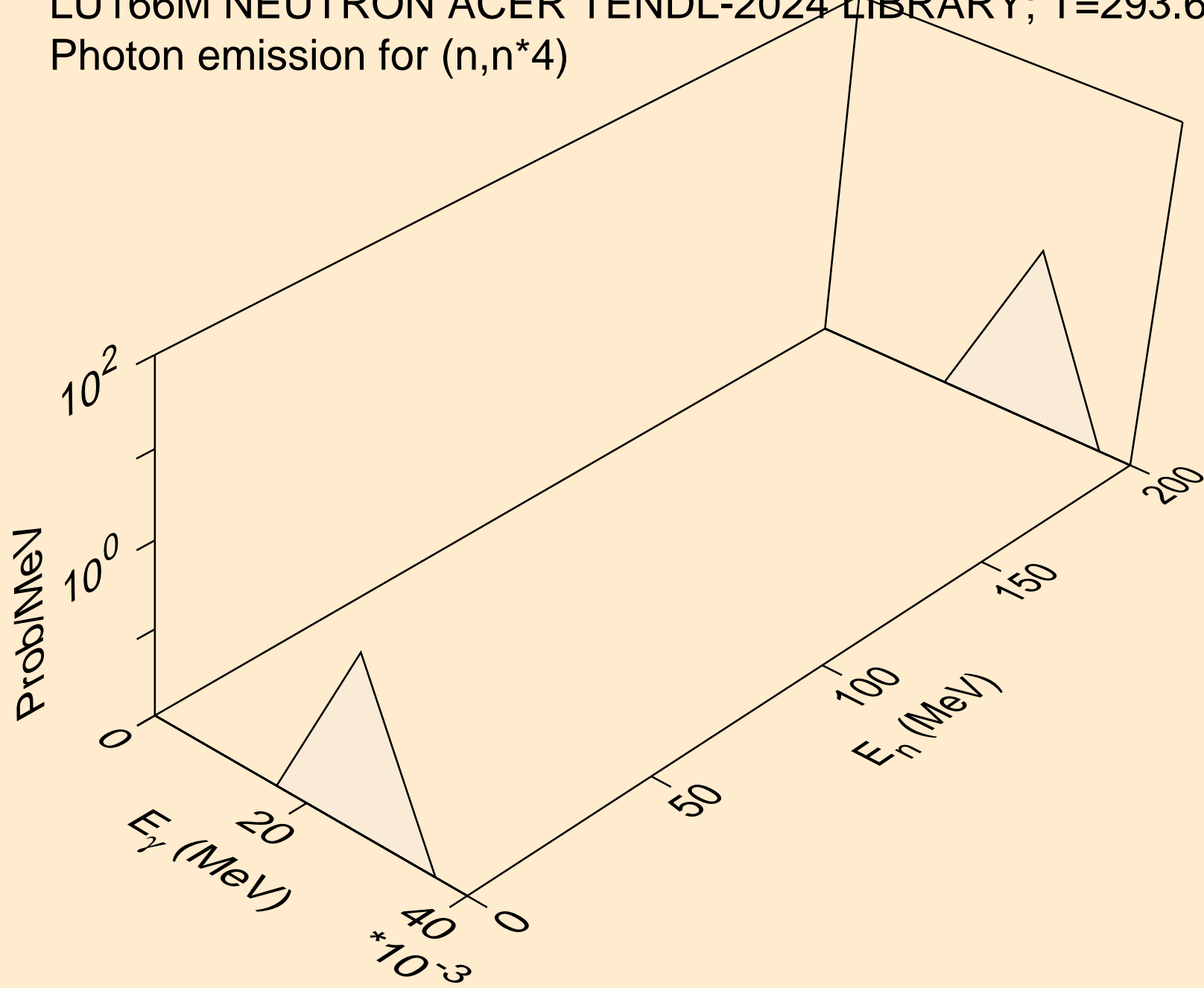
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,npa)



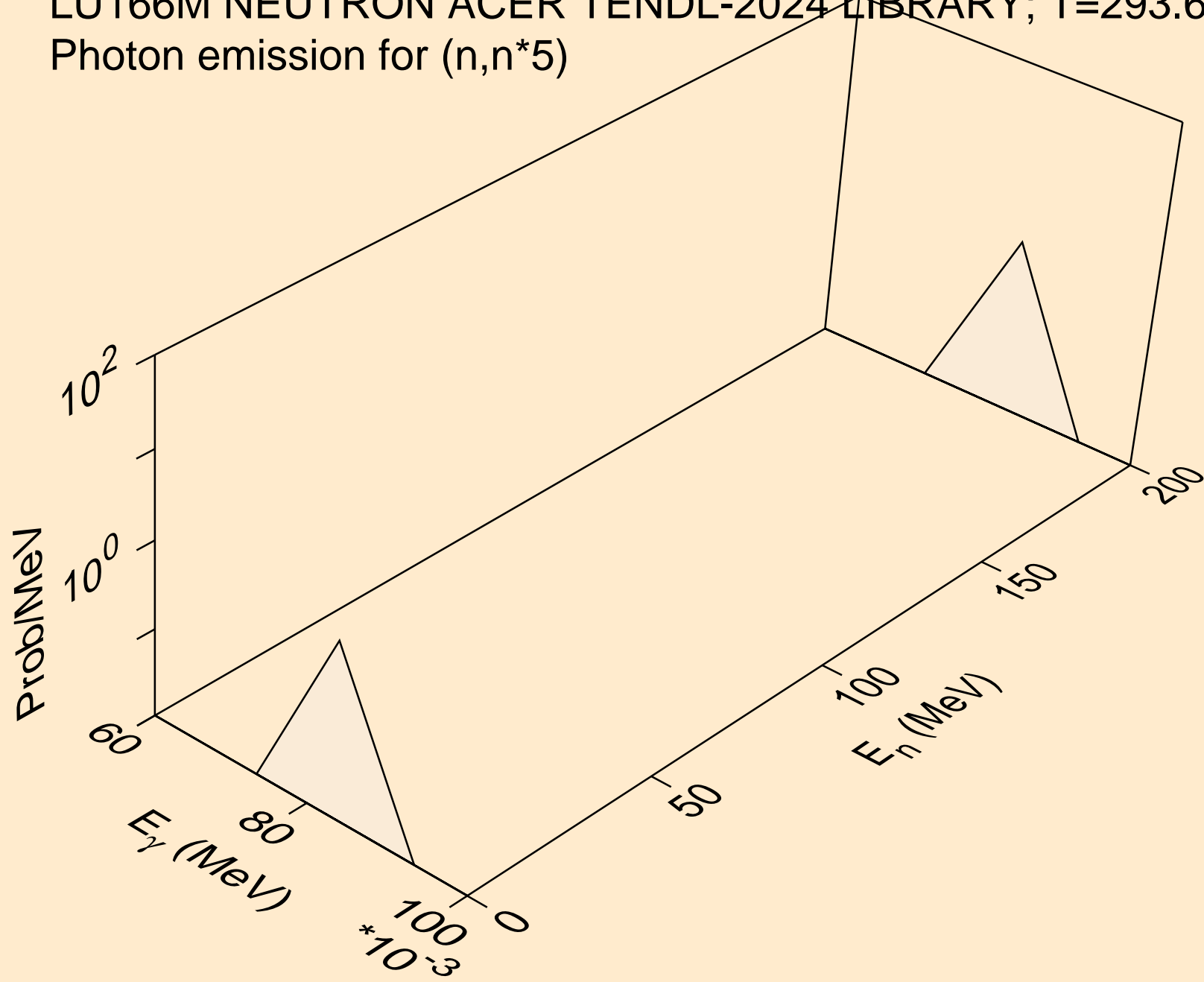
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*3)



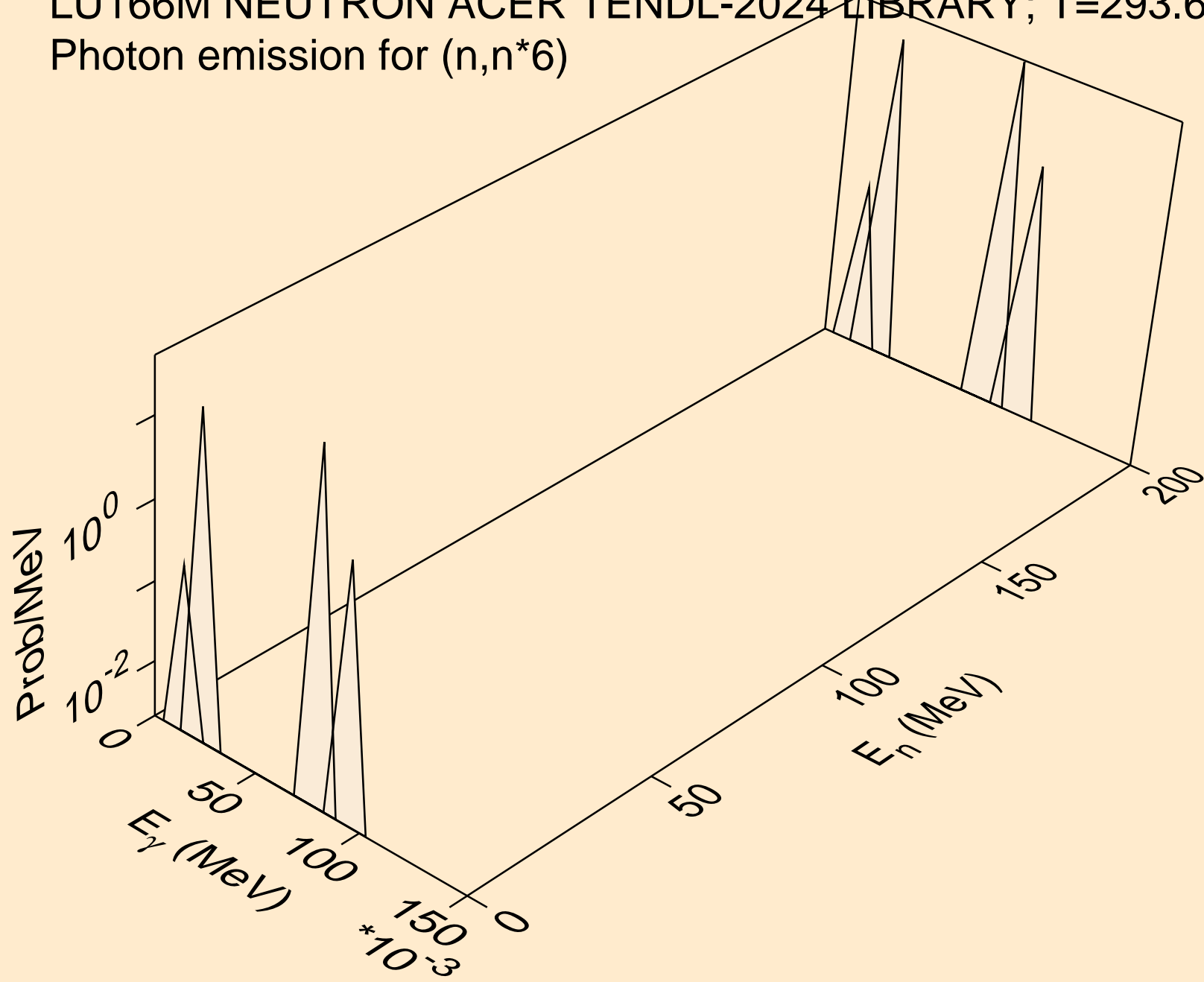
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*4)



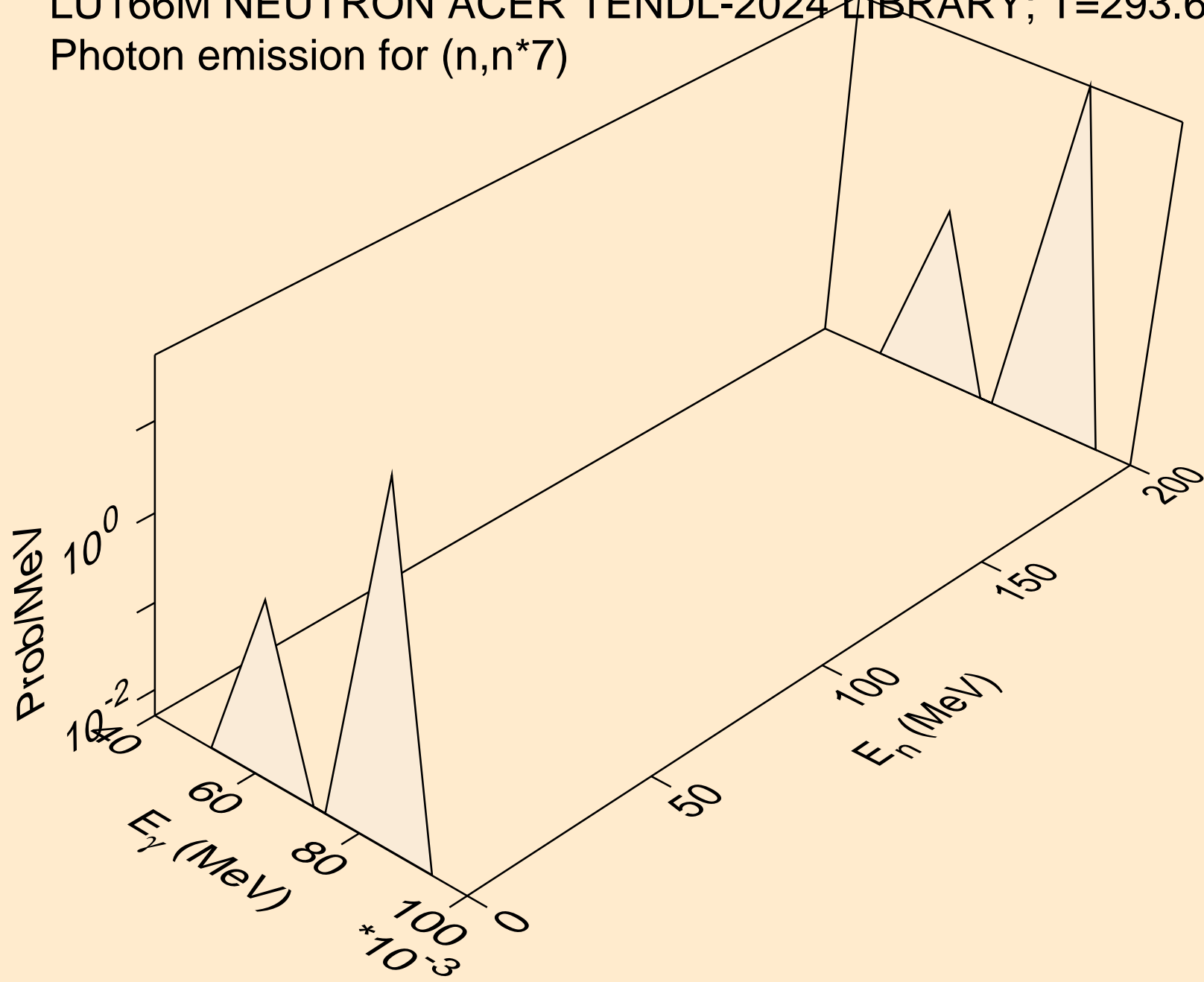
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*5)



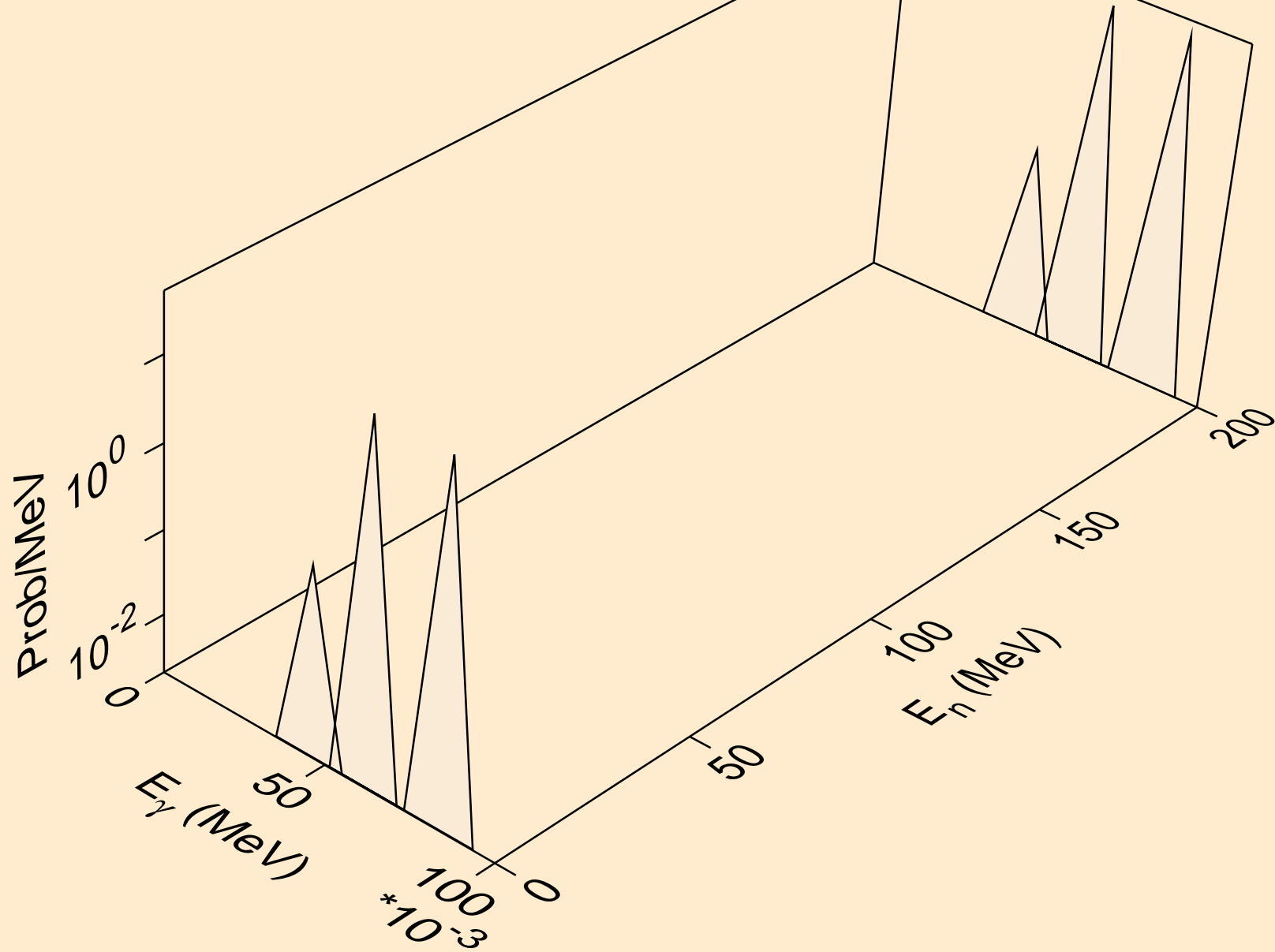
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*6)



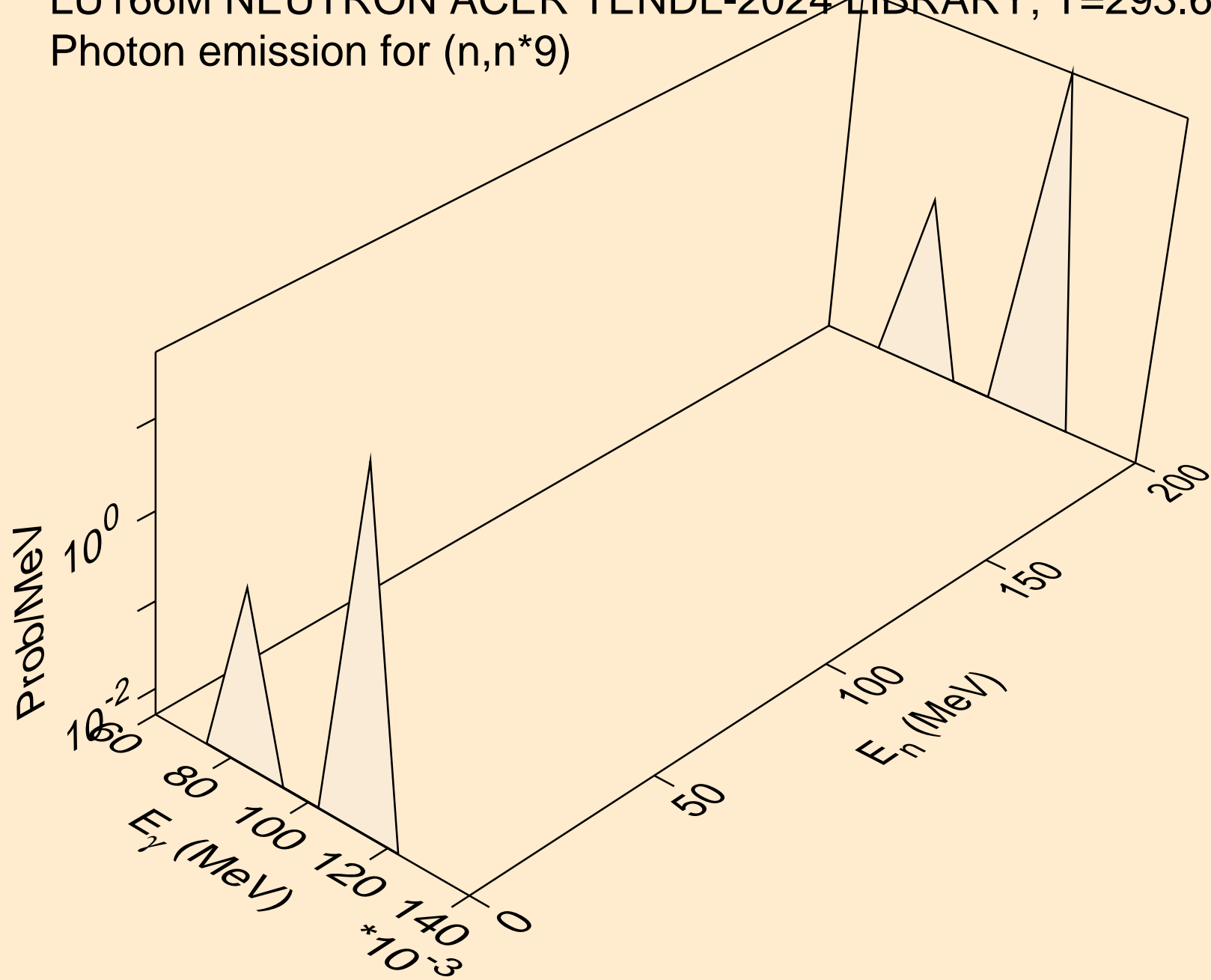
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*7)



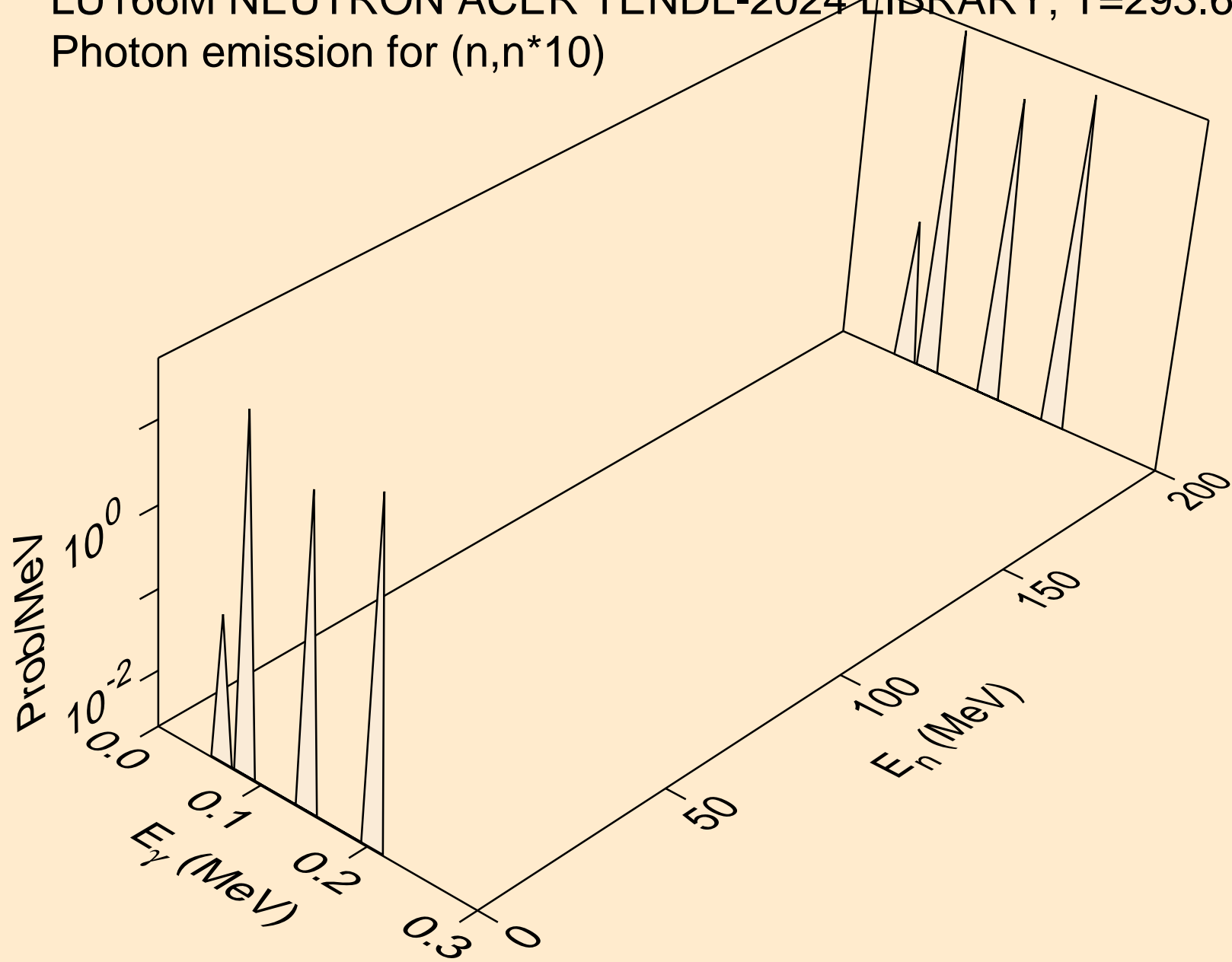
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*8)



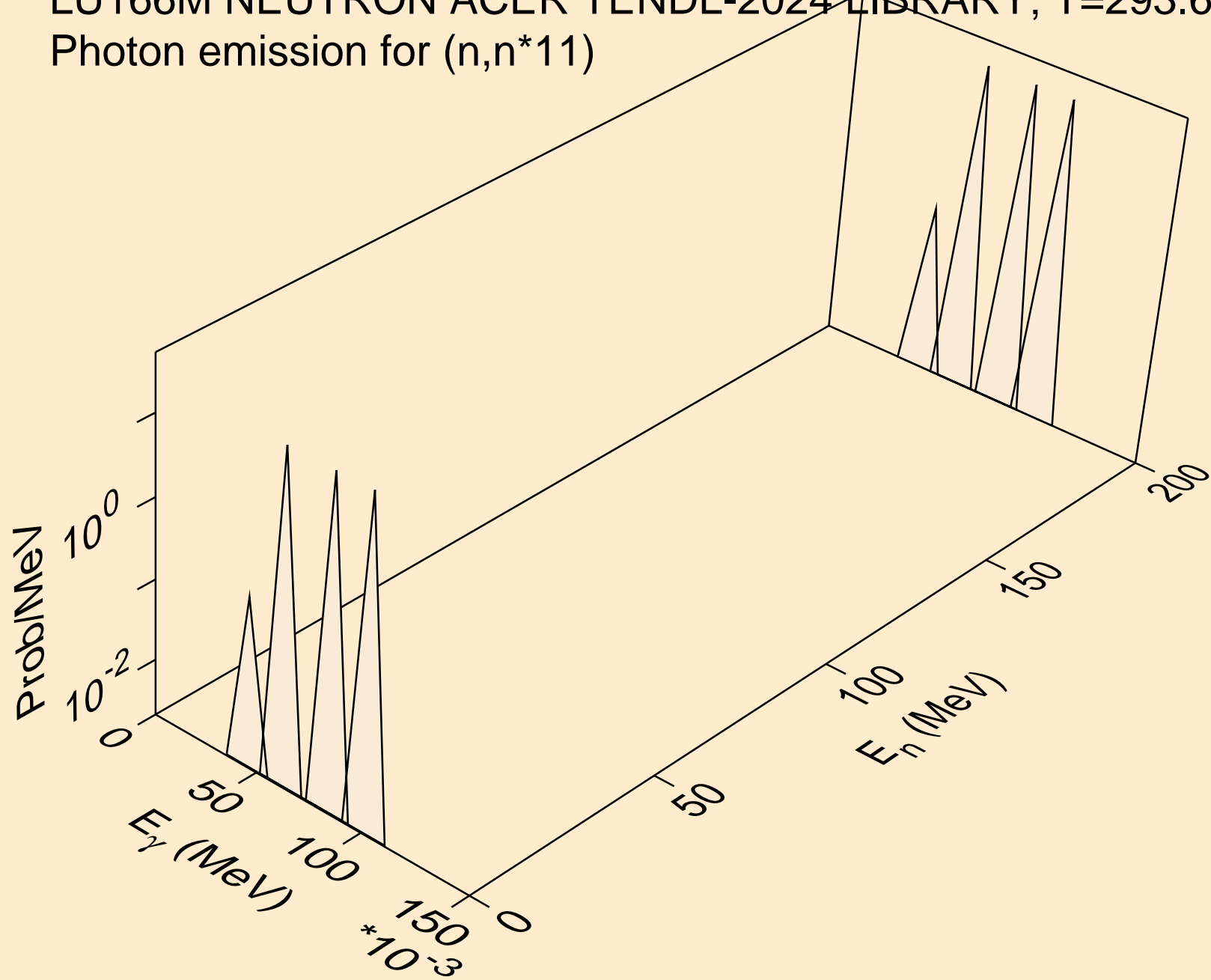
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*9)



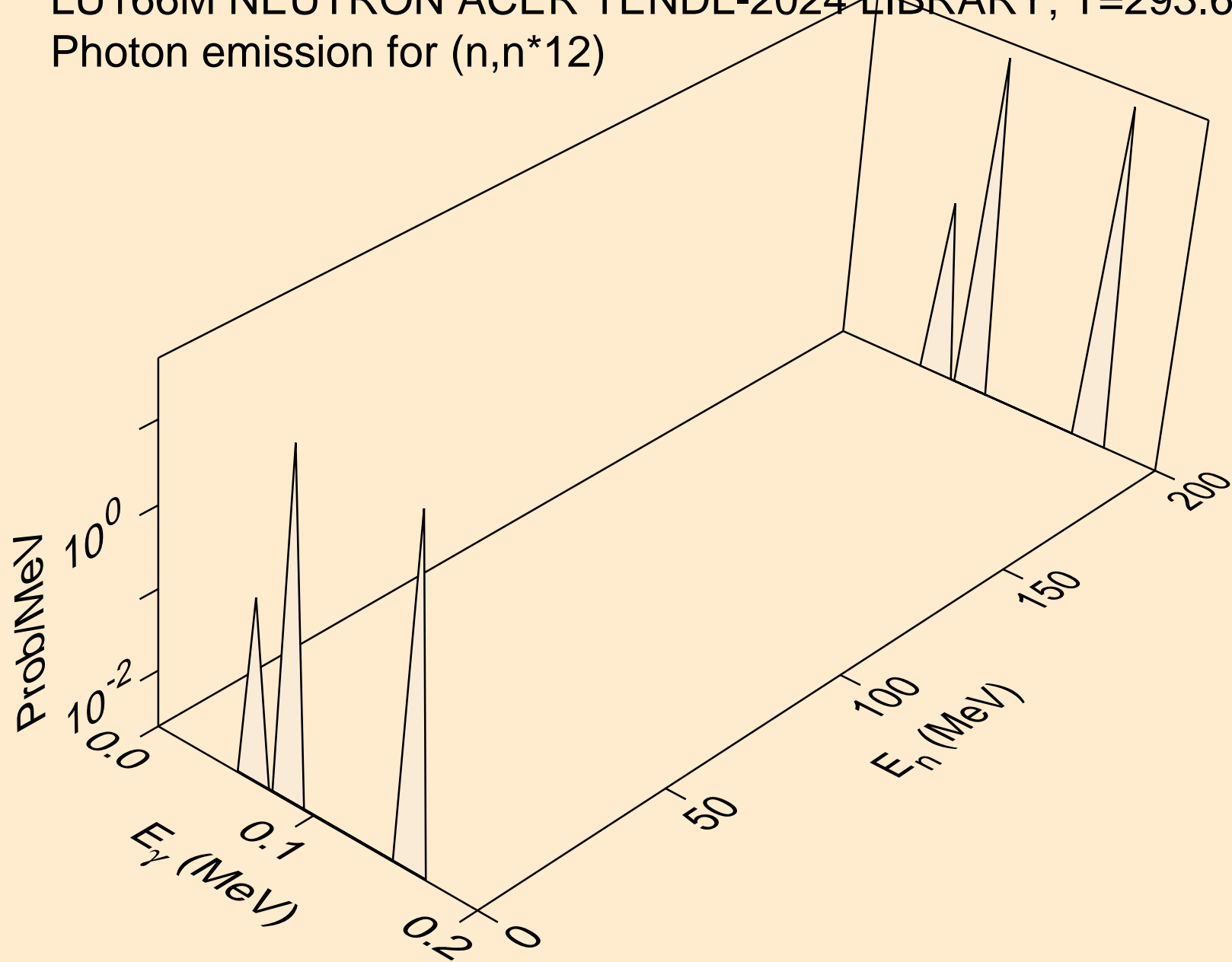
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*10)



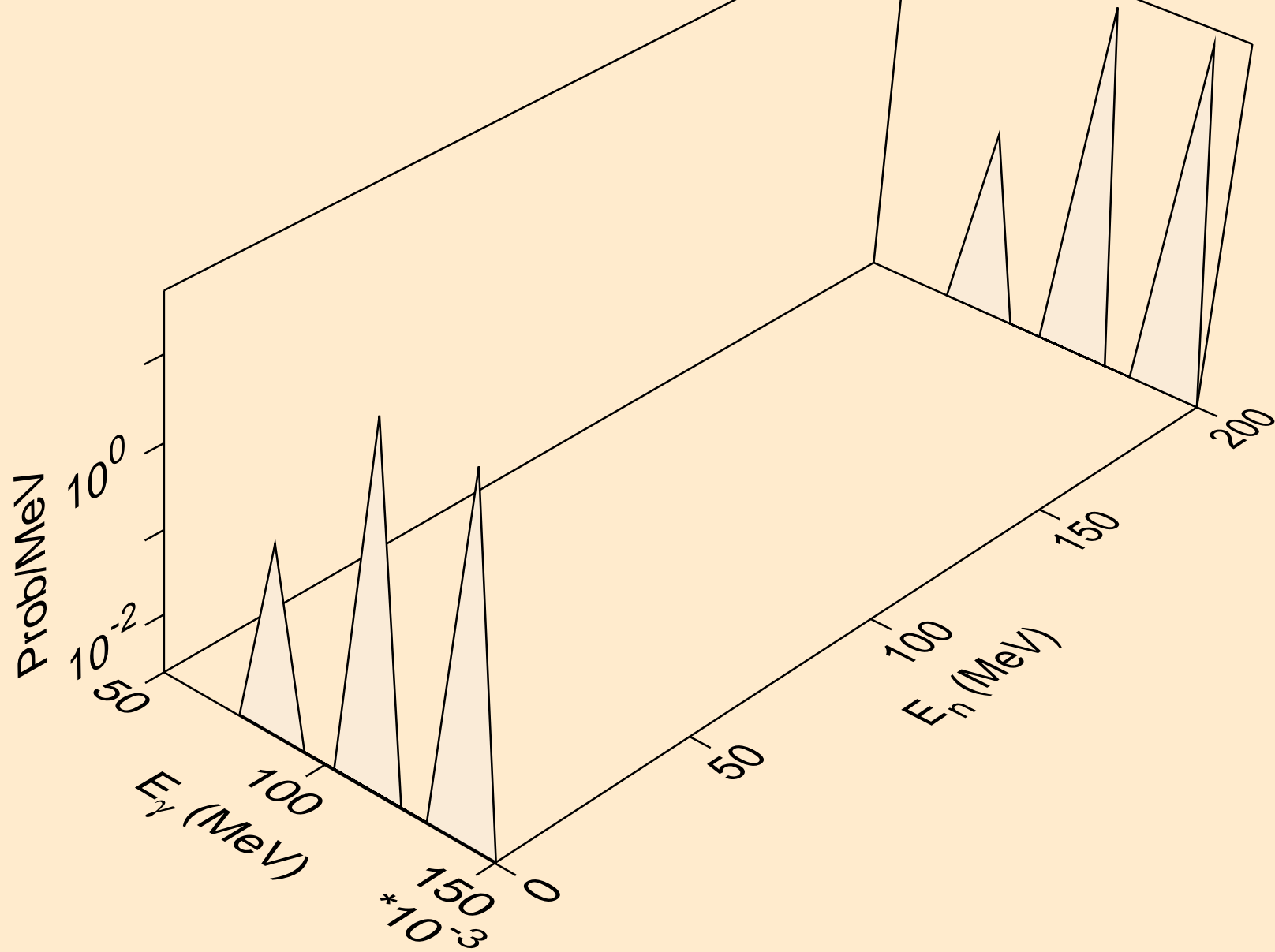
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*11)



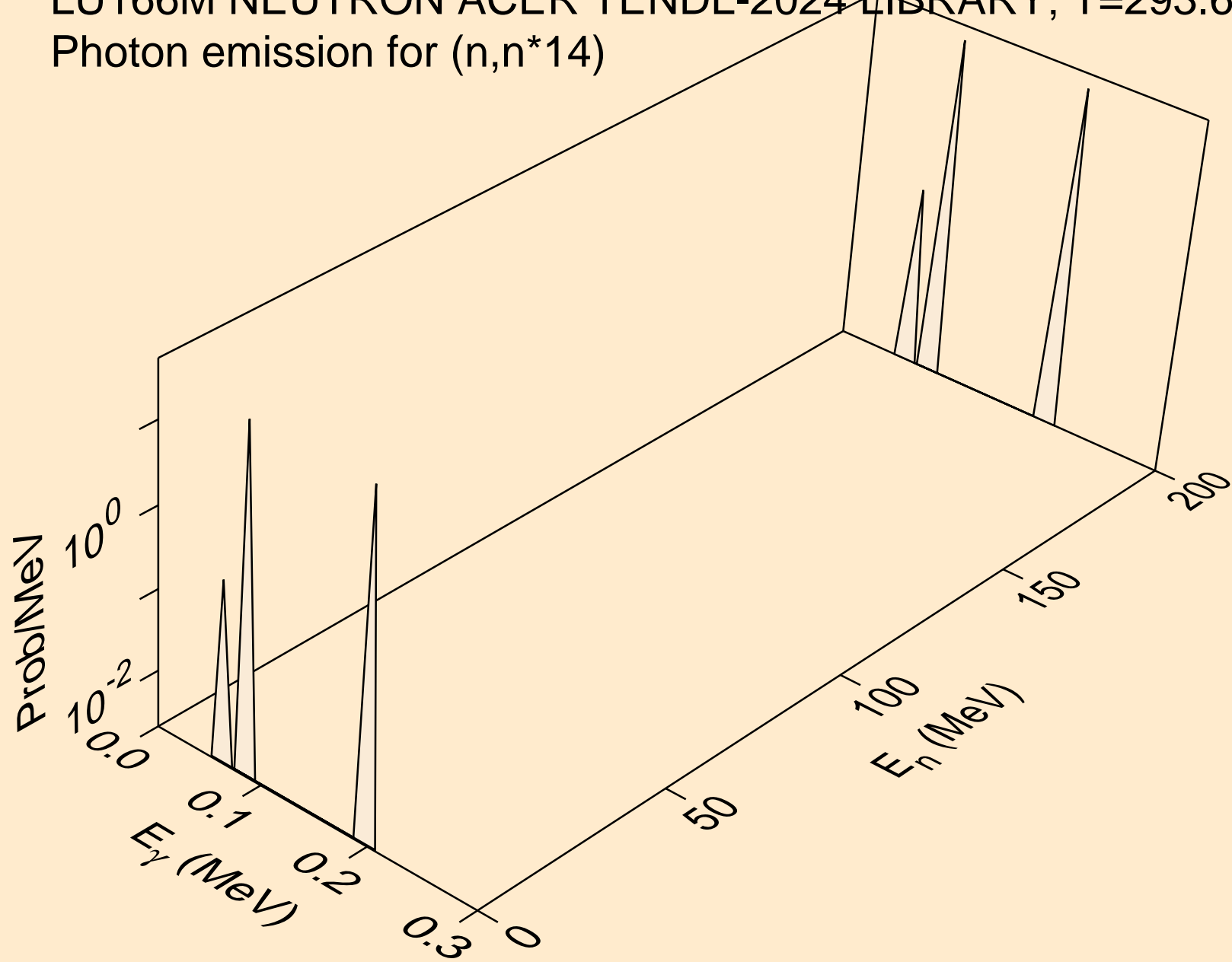
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*12)



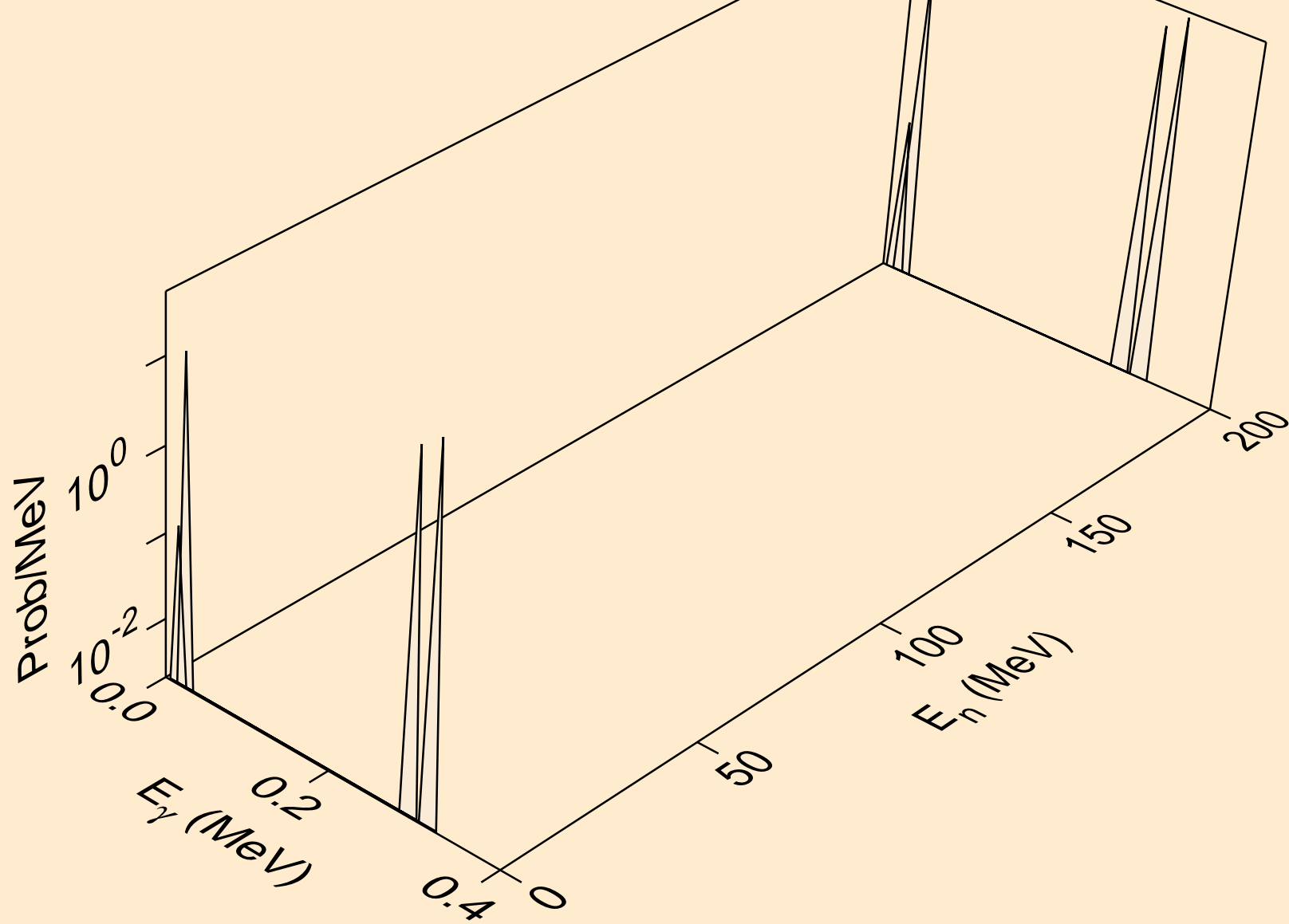
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*13)



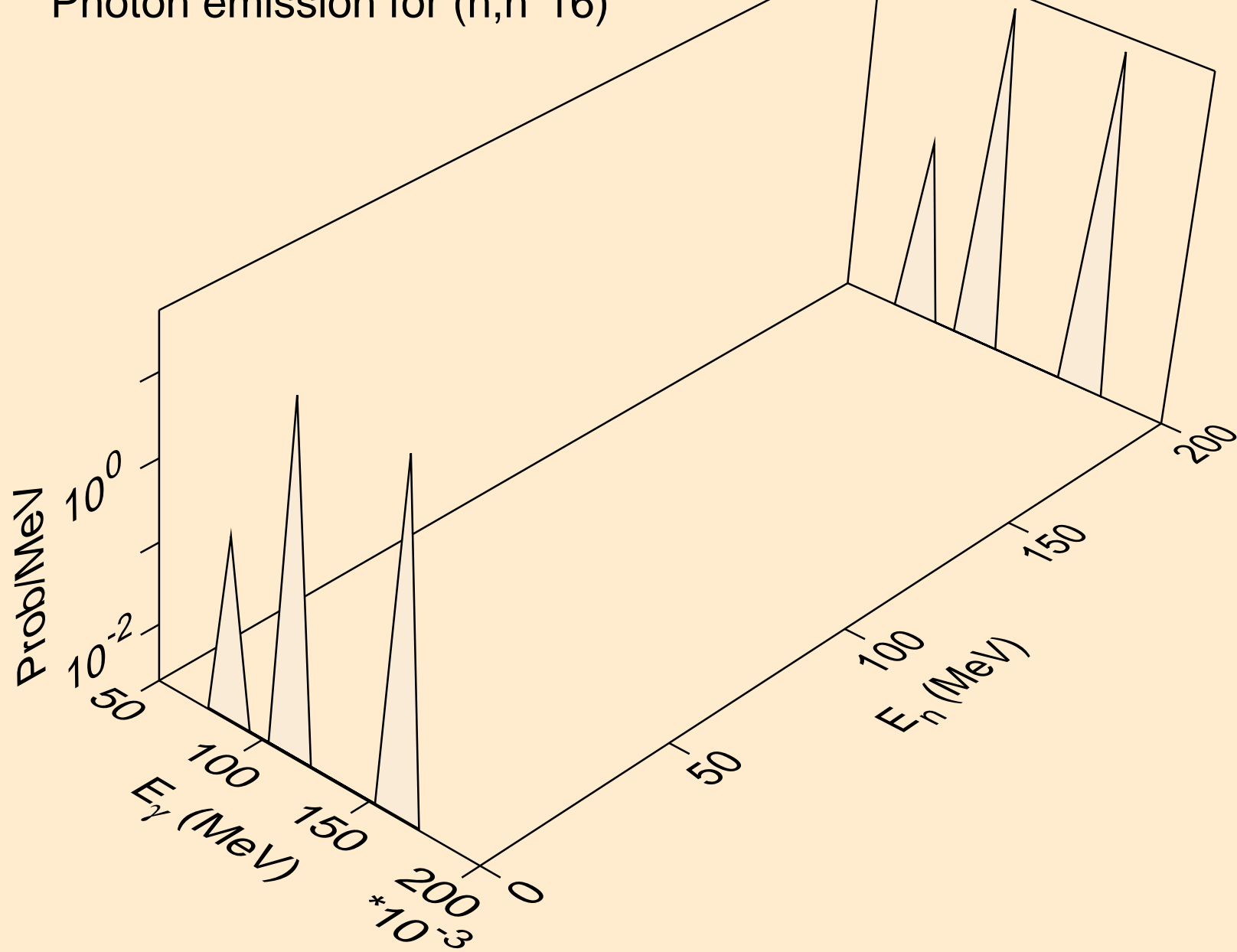
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*14)



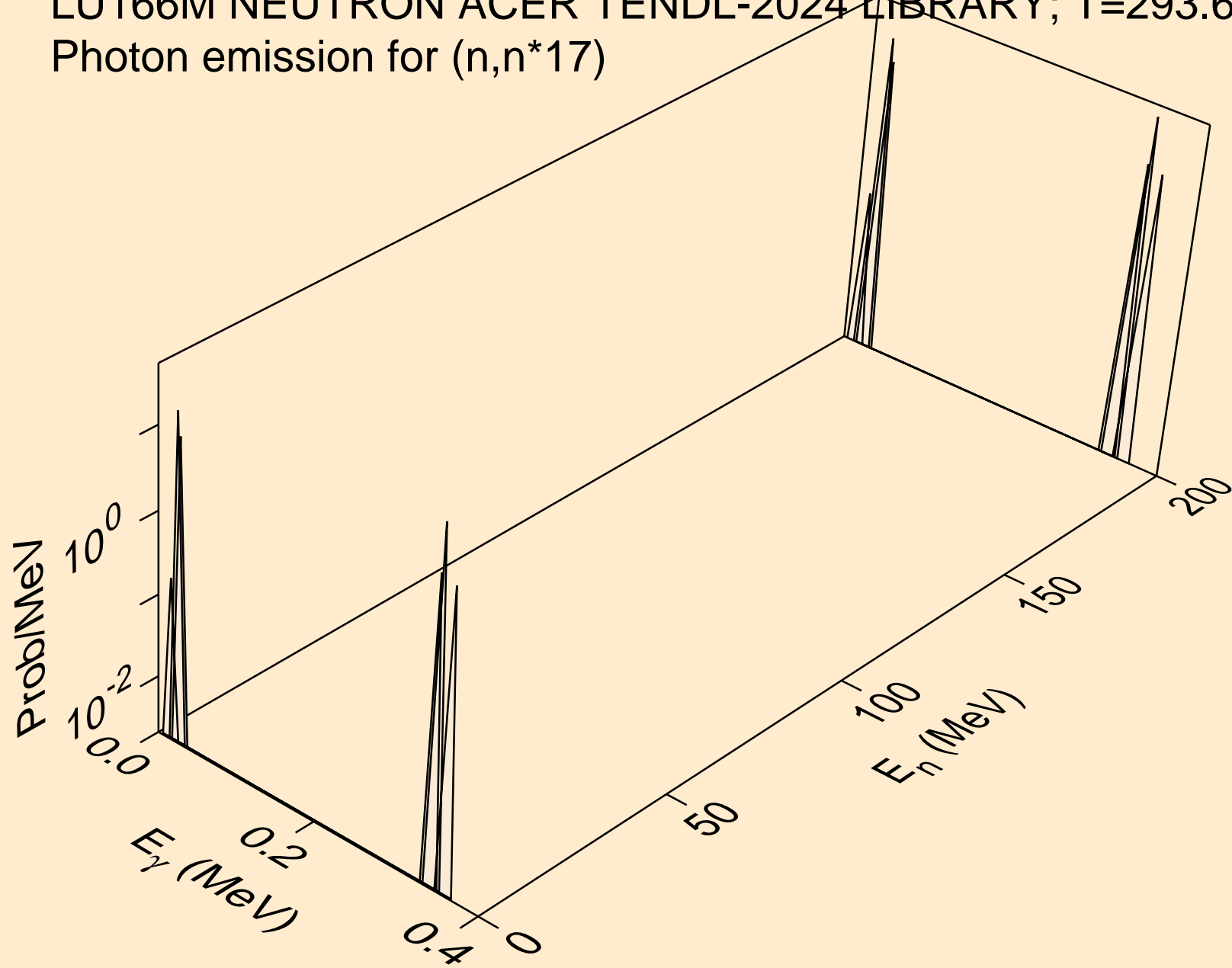
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*15)



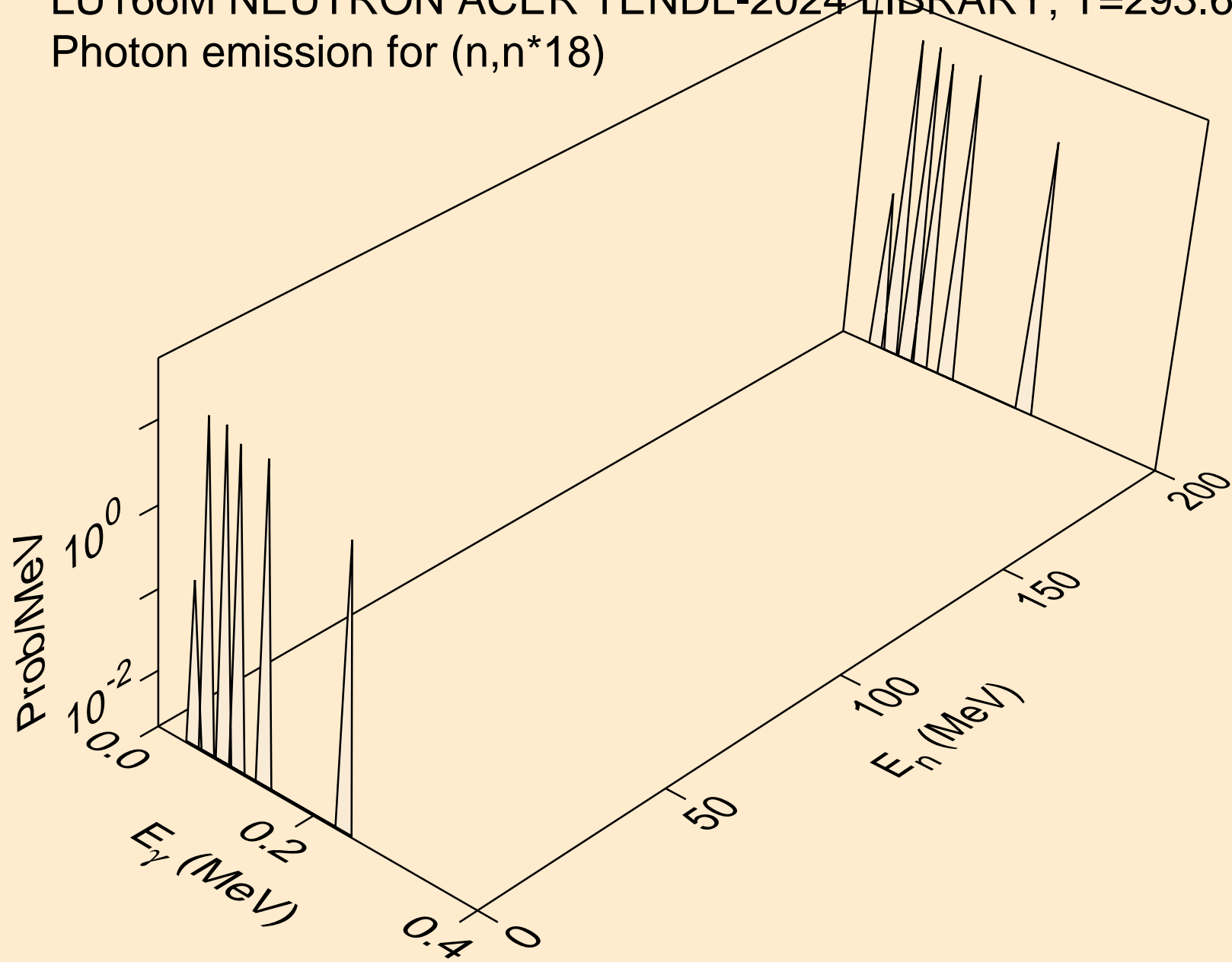
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*16)



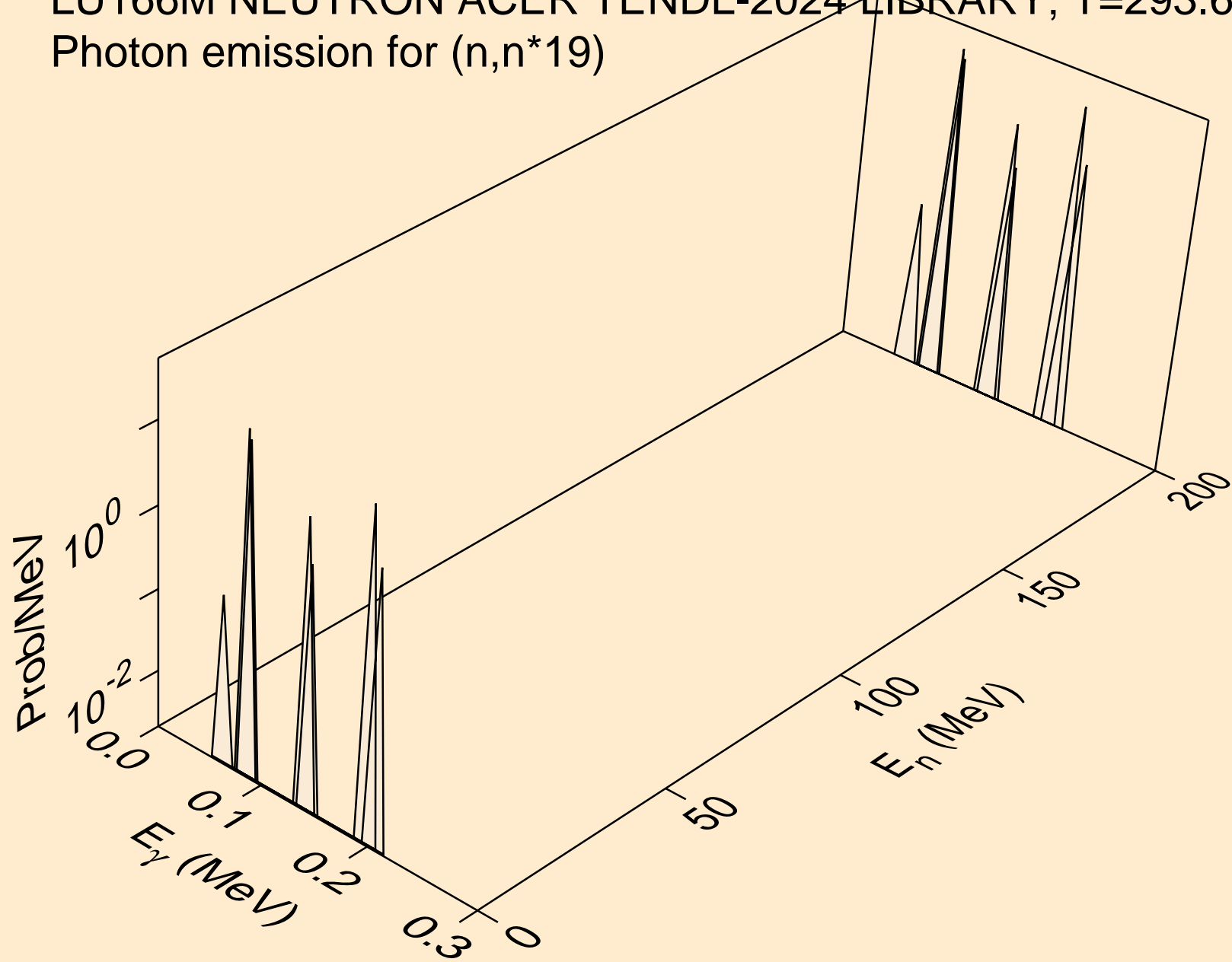
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*17)



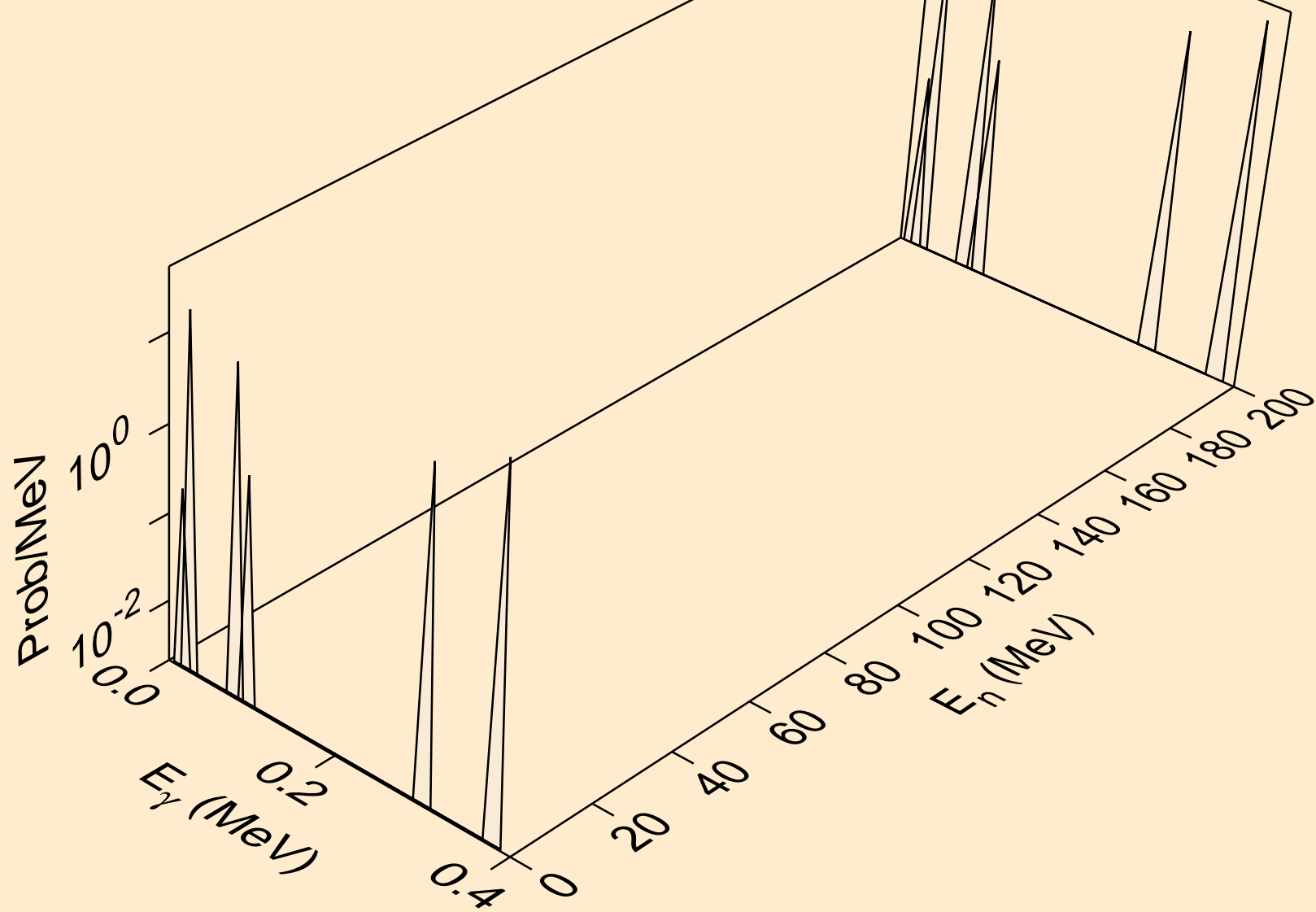
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*18)



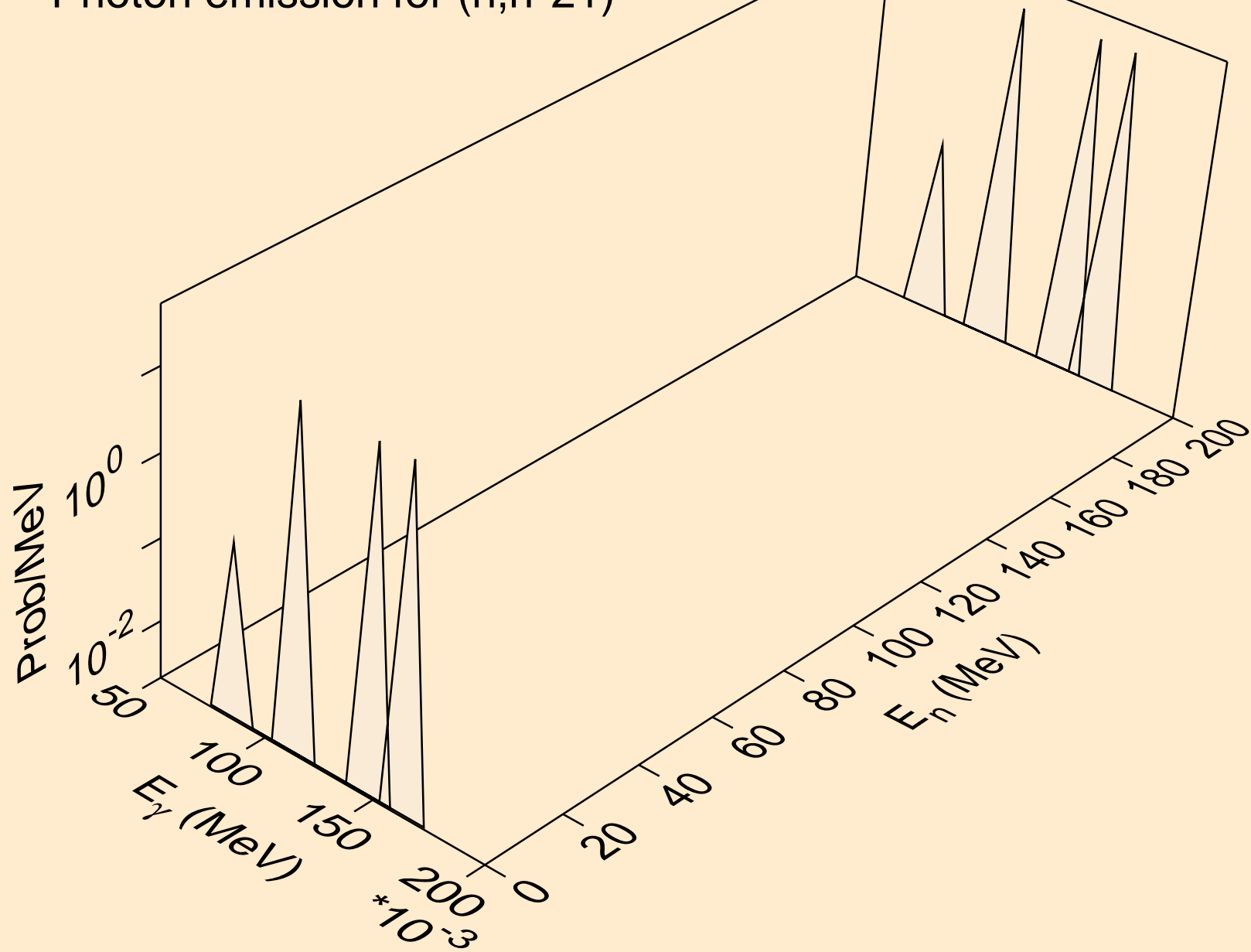
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*19)



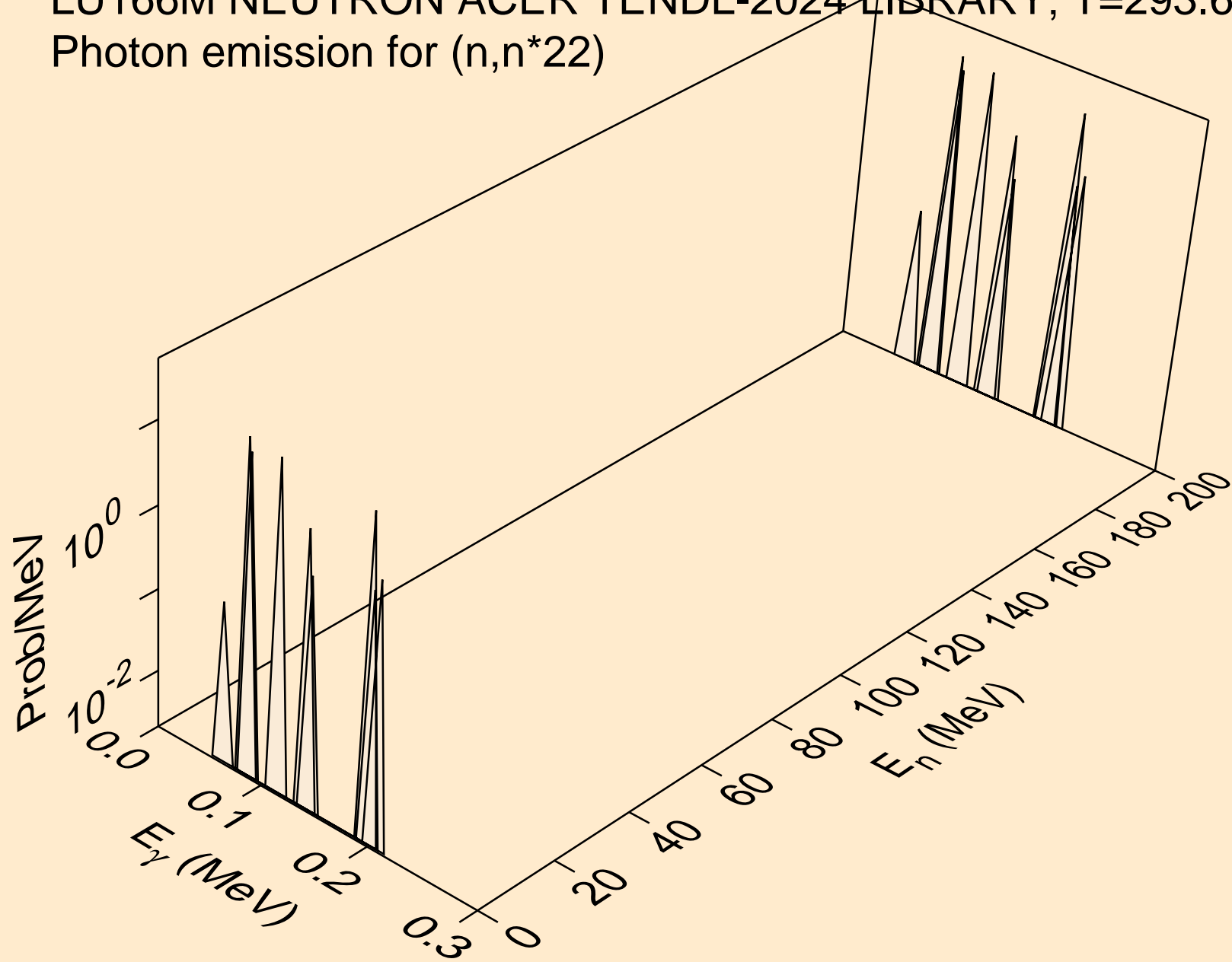
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*20)



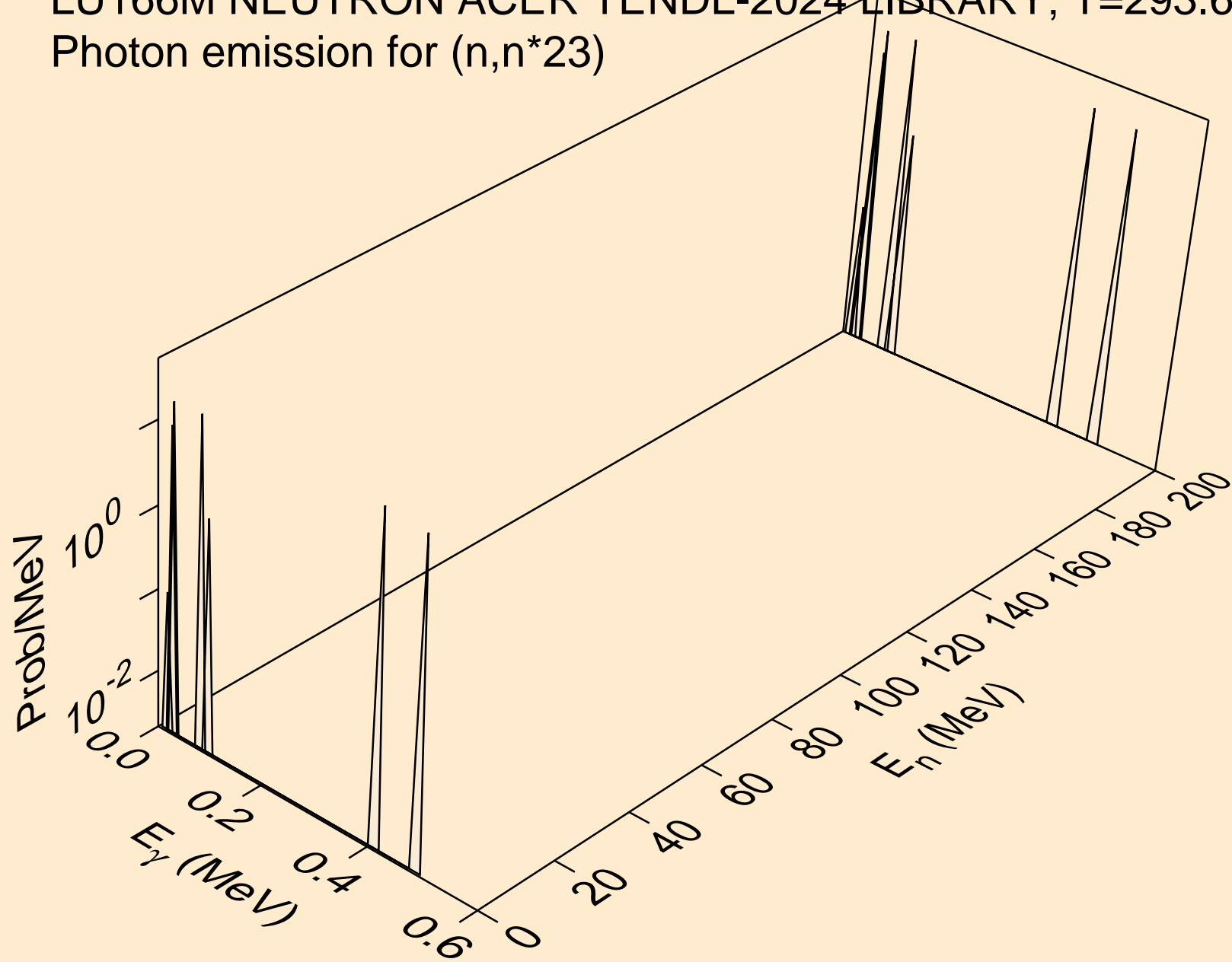
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*21)



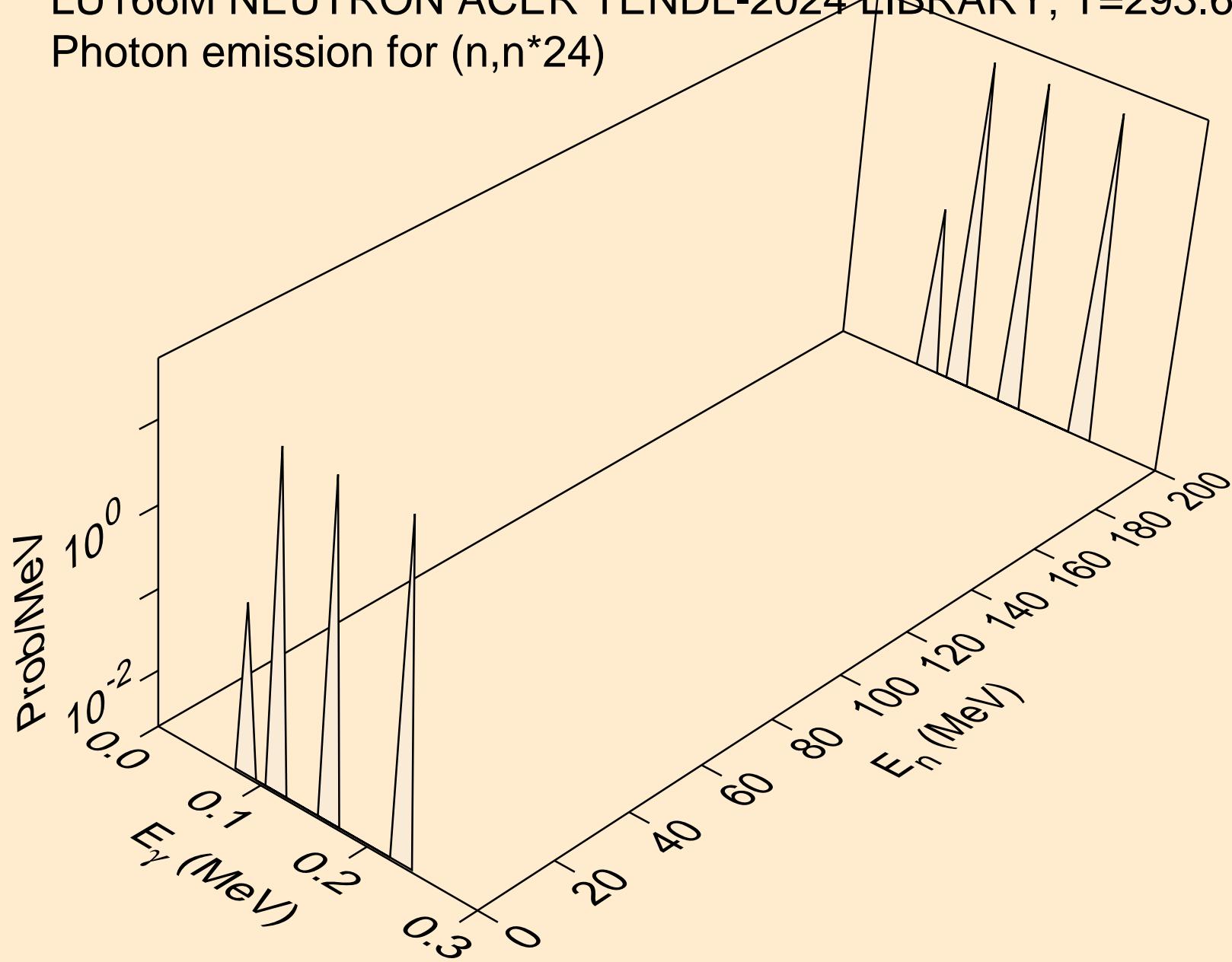
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*22)



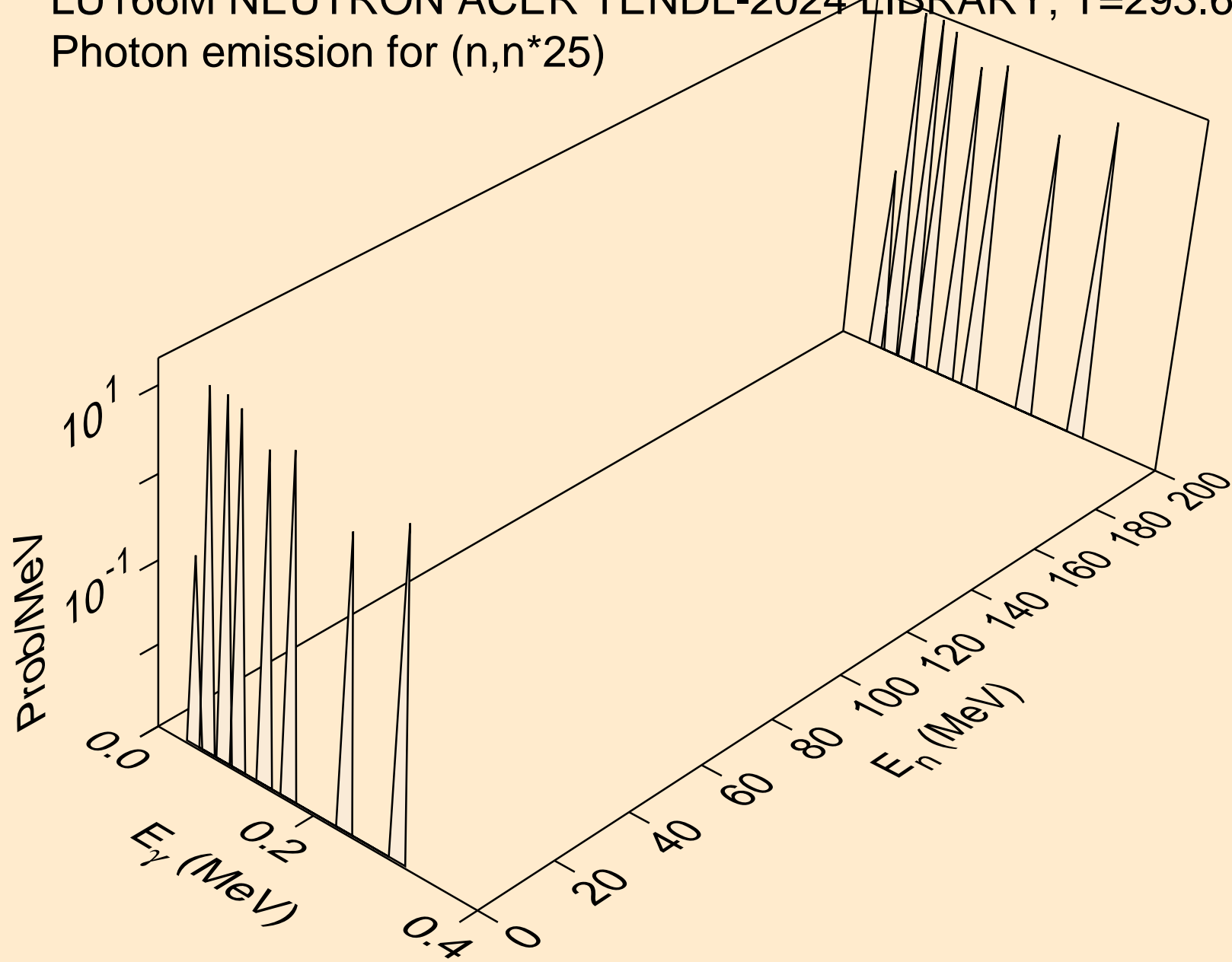
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*23)



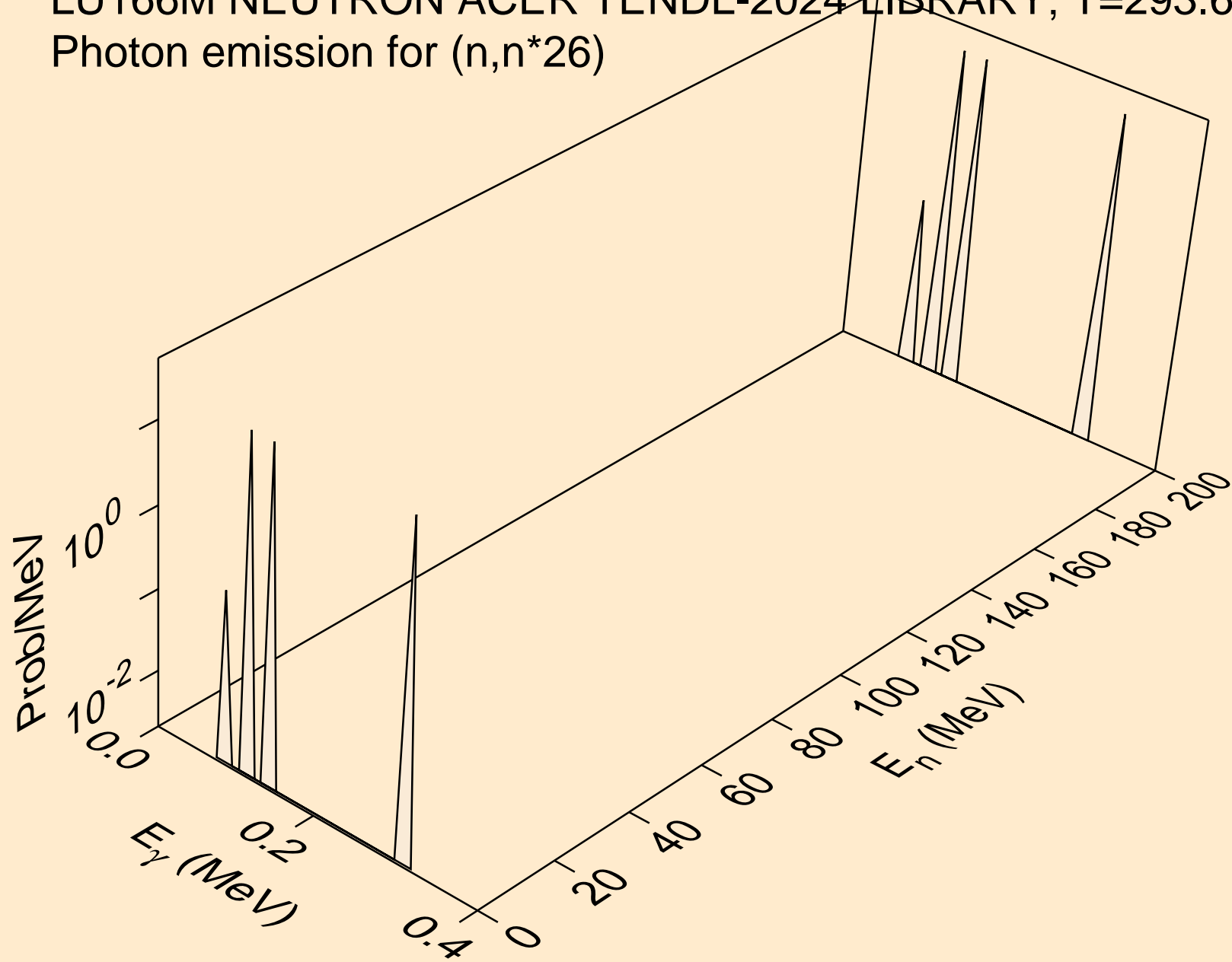
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*24)



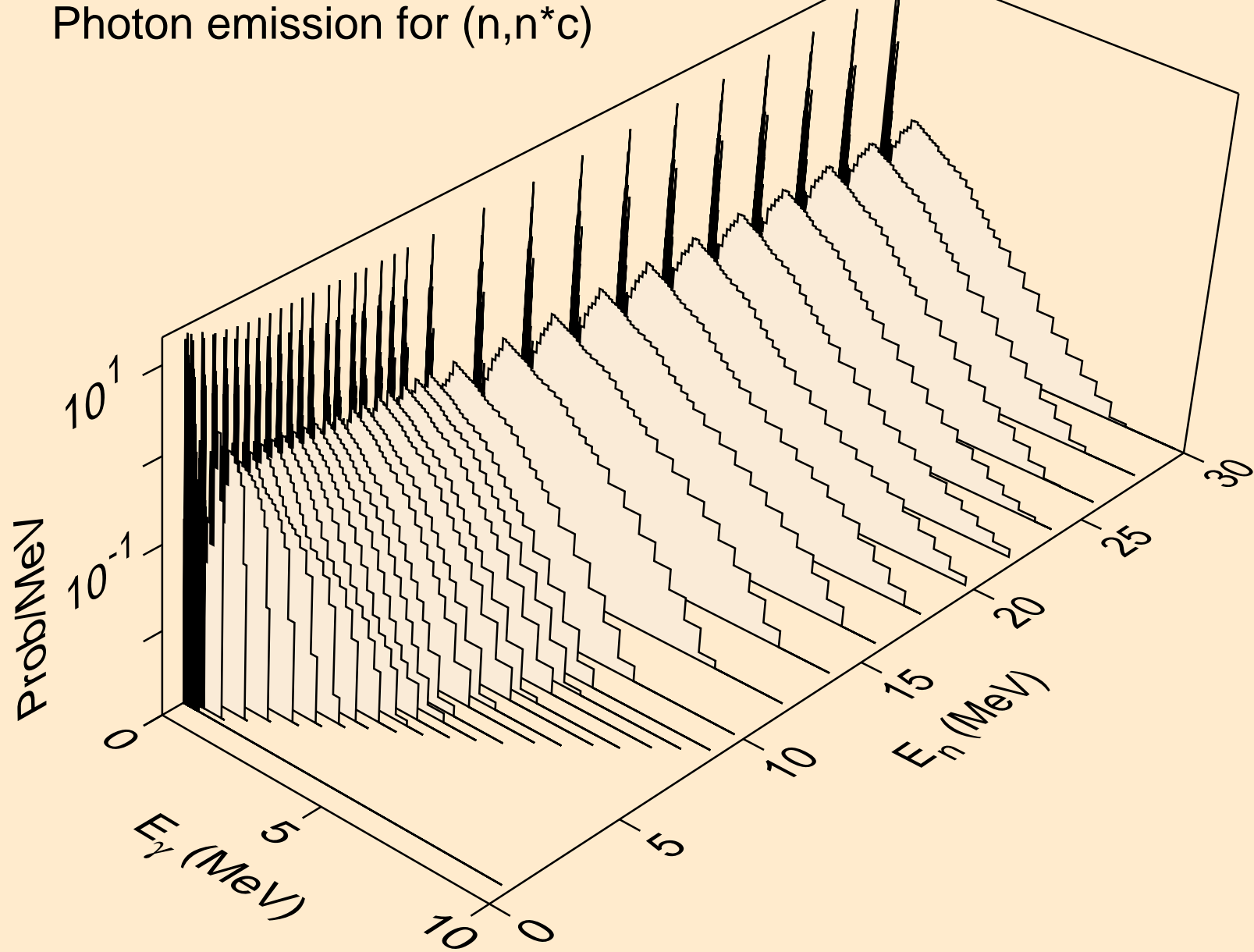
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*25)



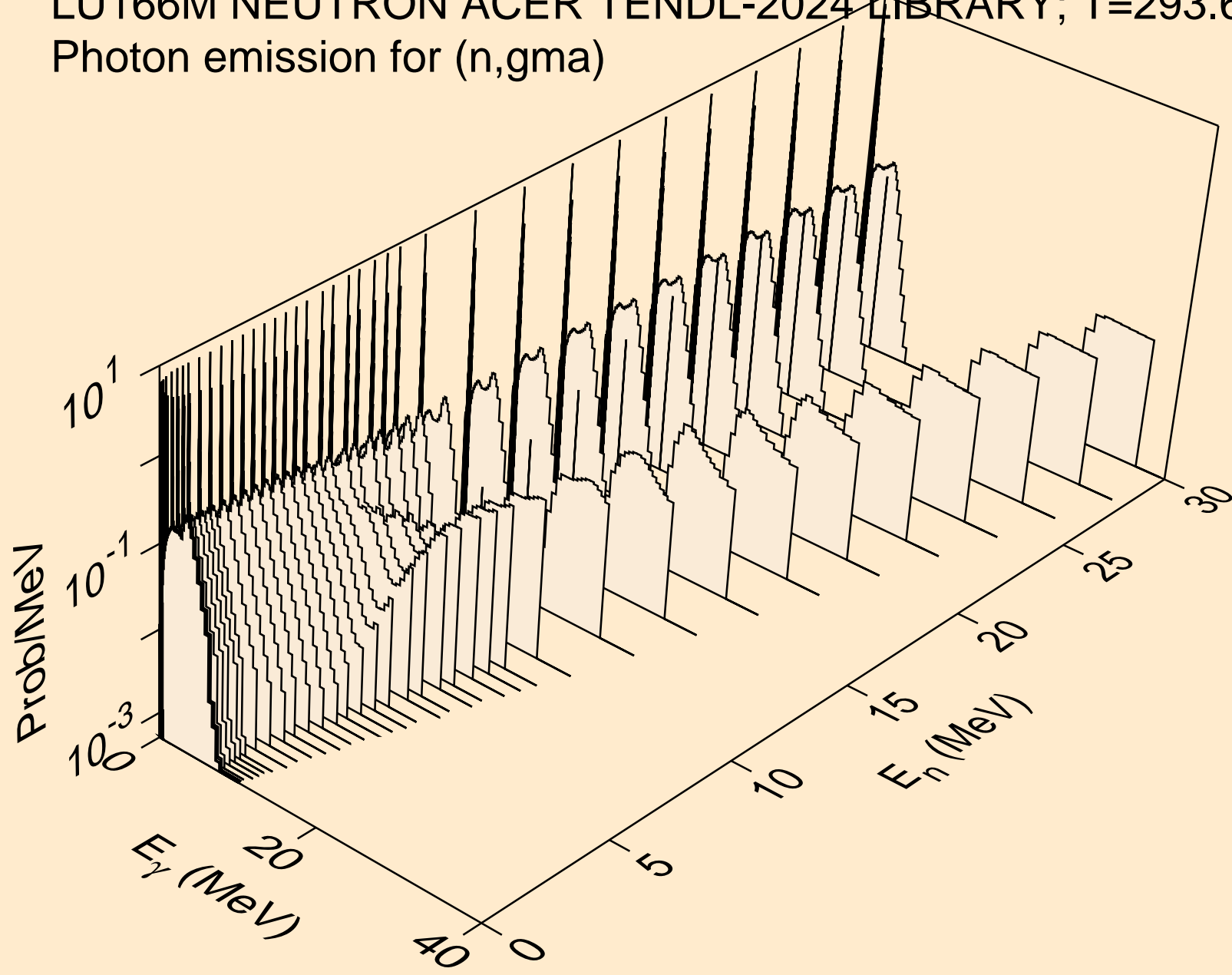
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*26)



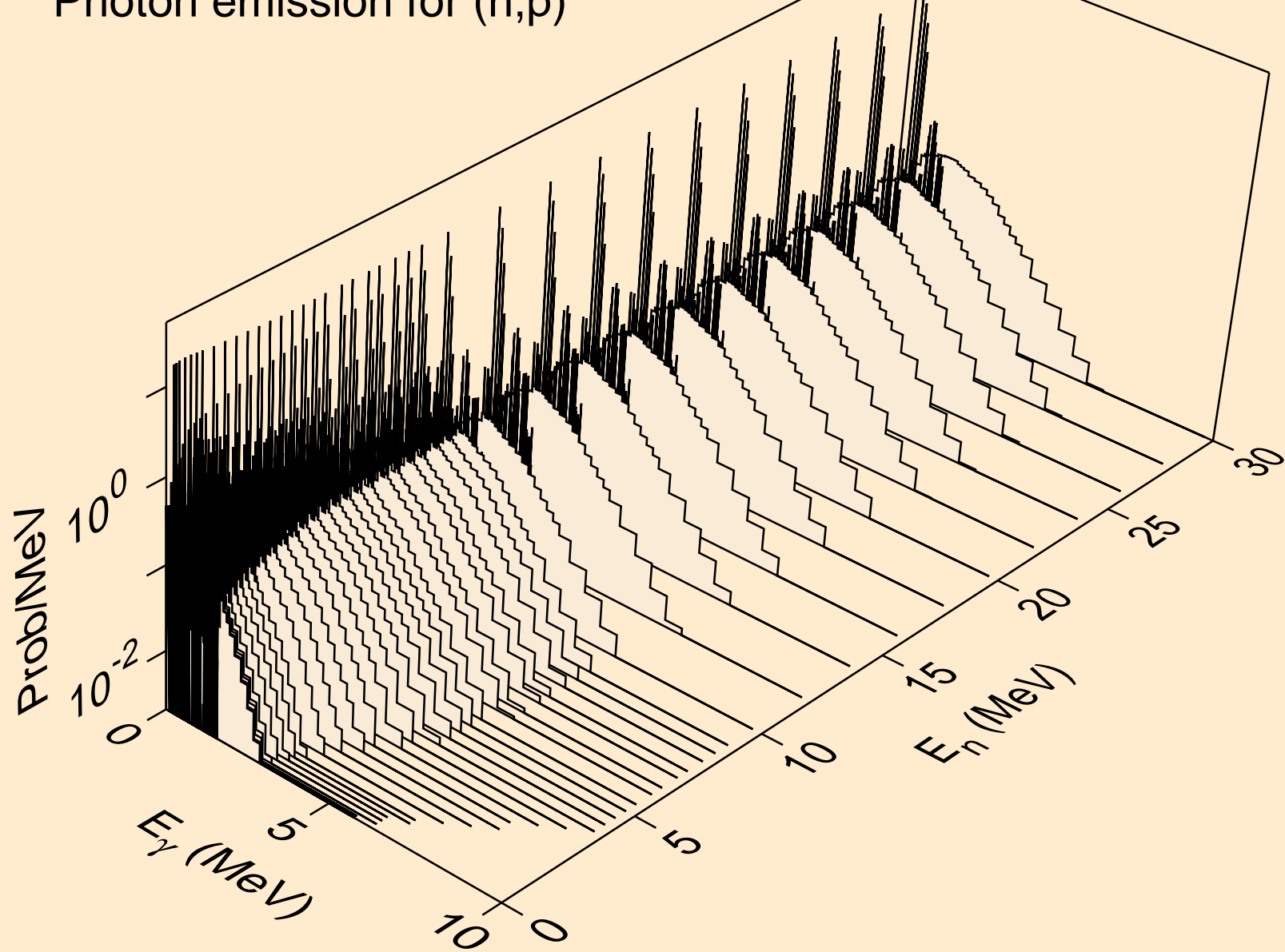
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,n*c)



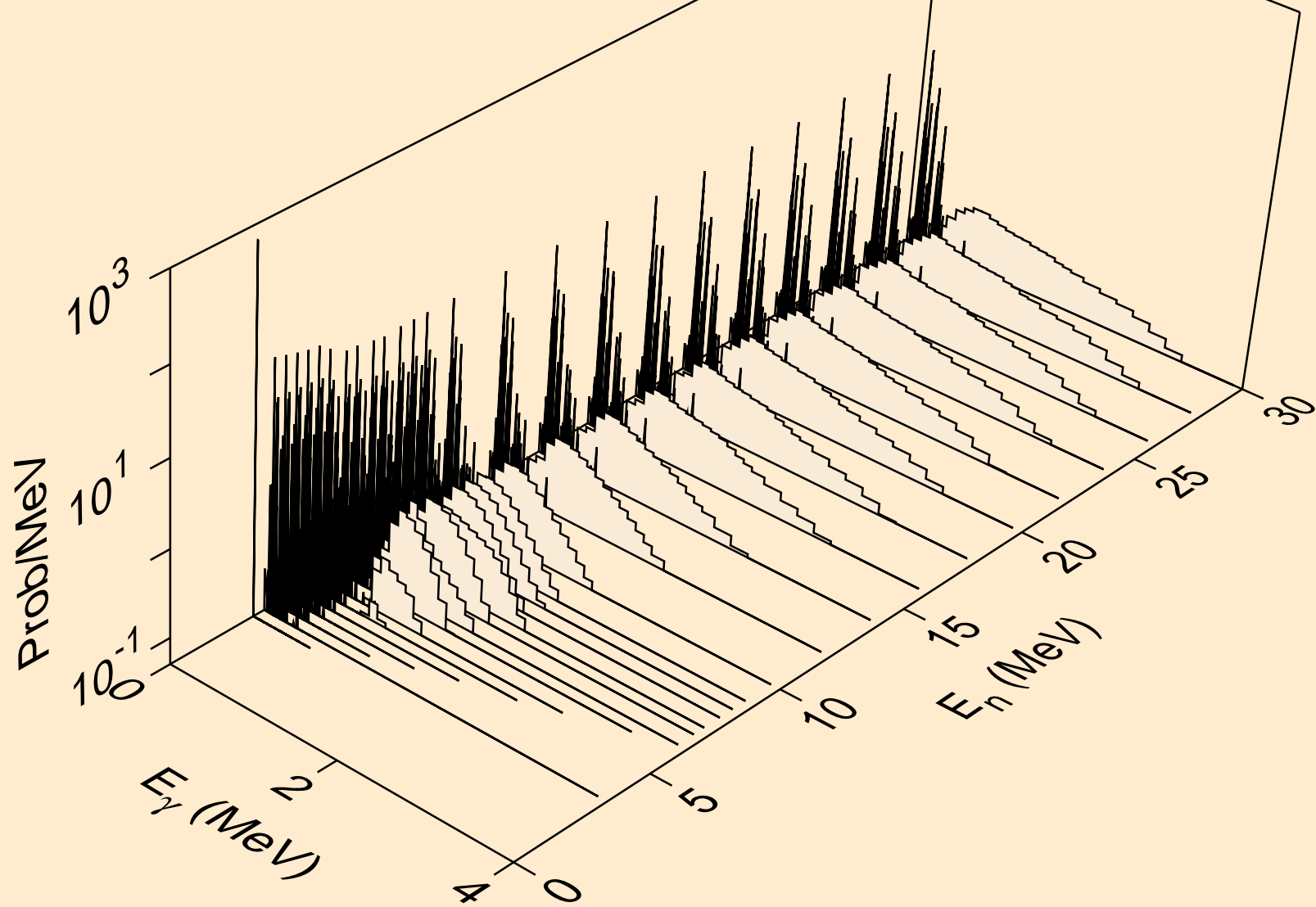
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,gma)



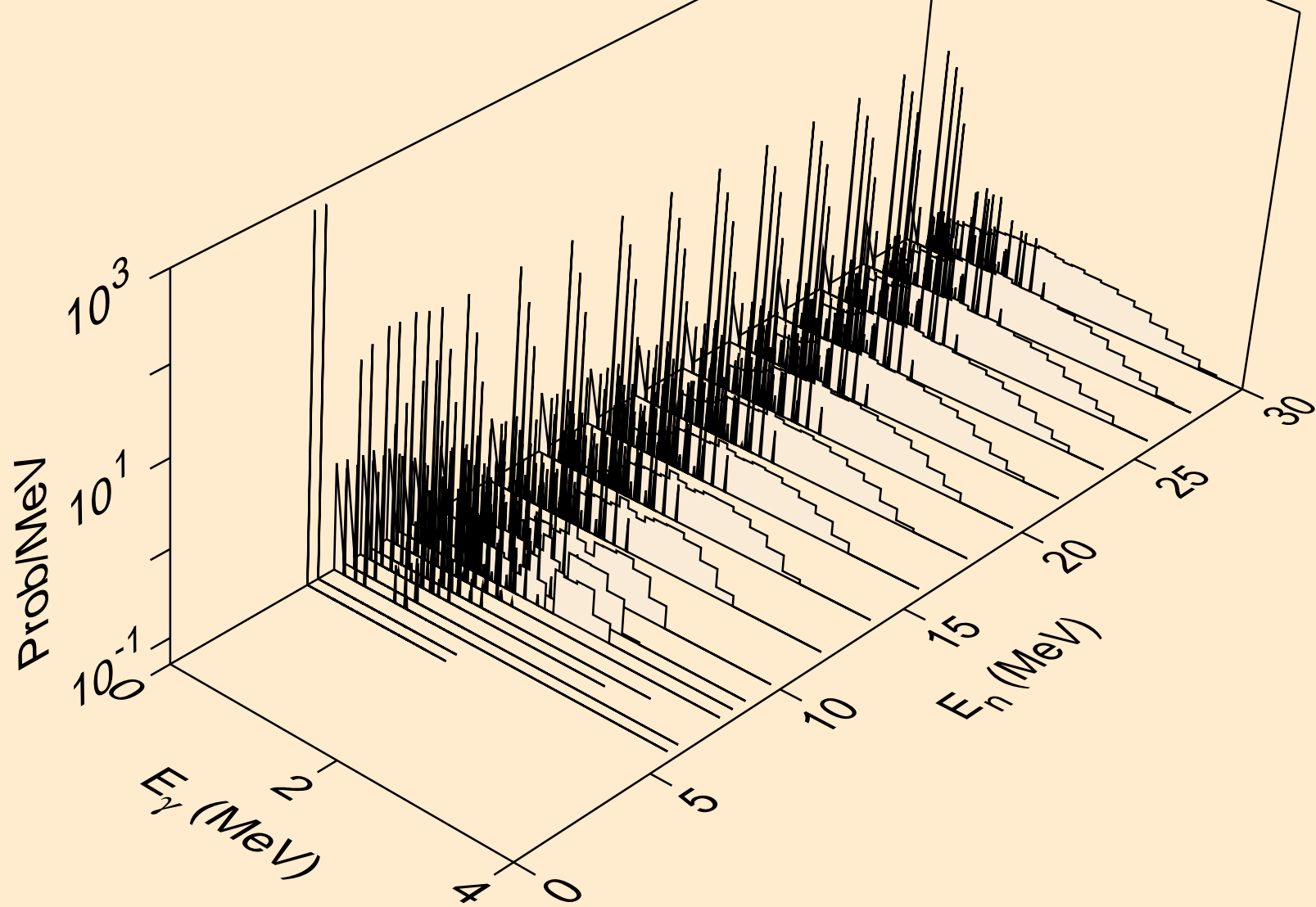
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p)



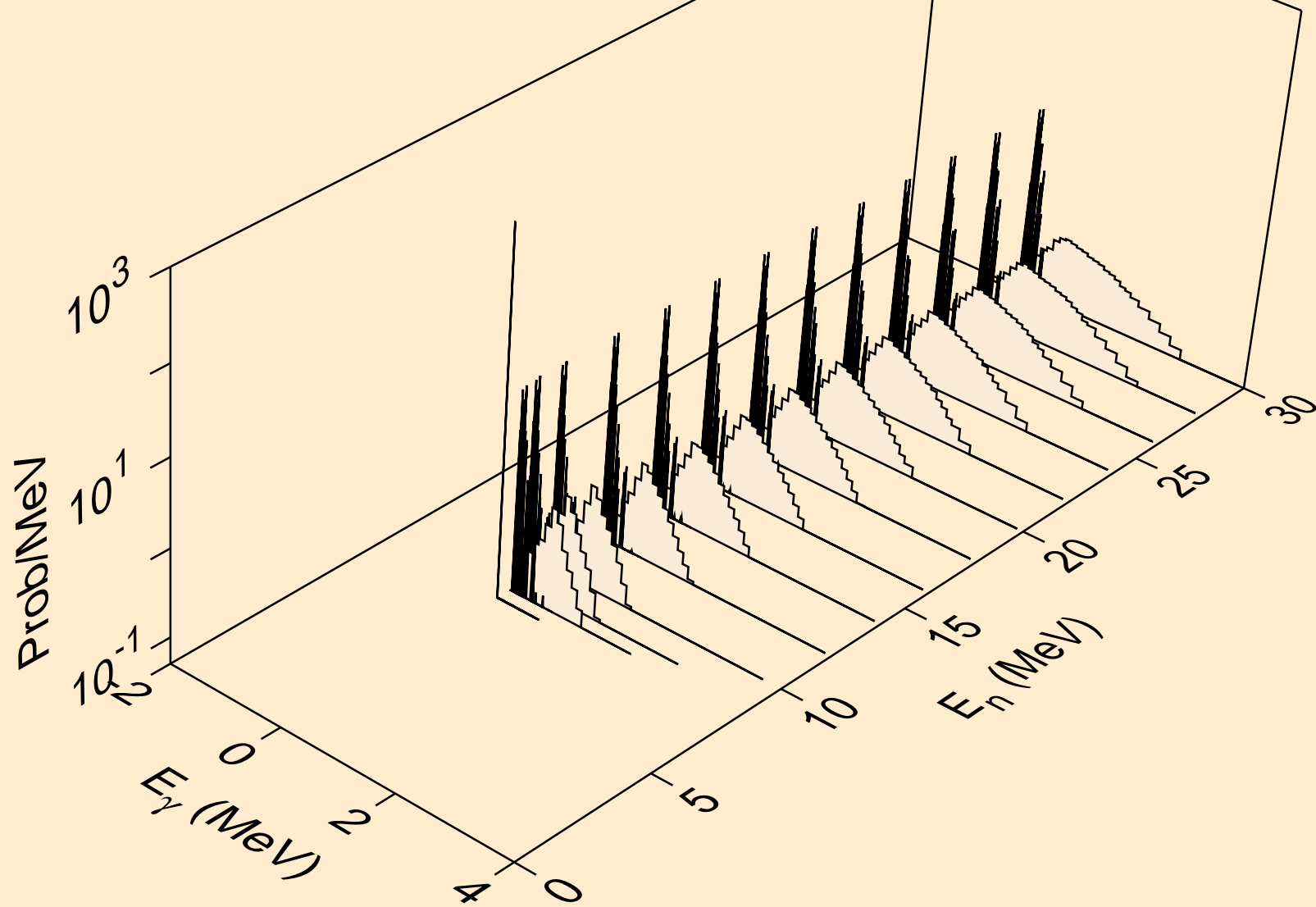
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,d)



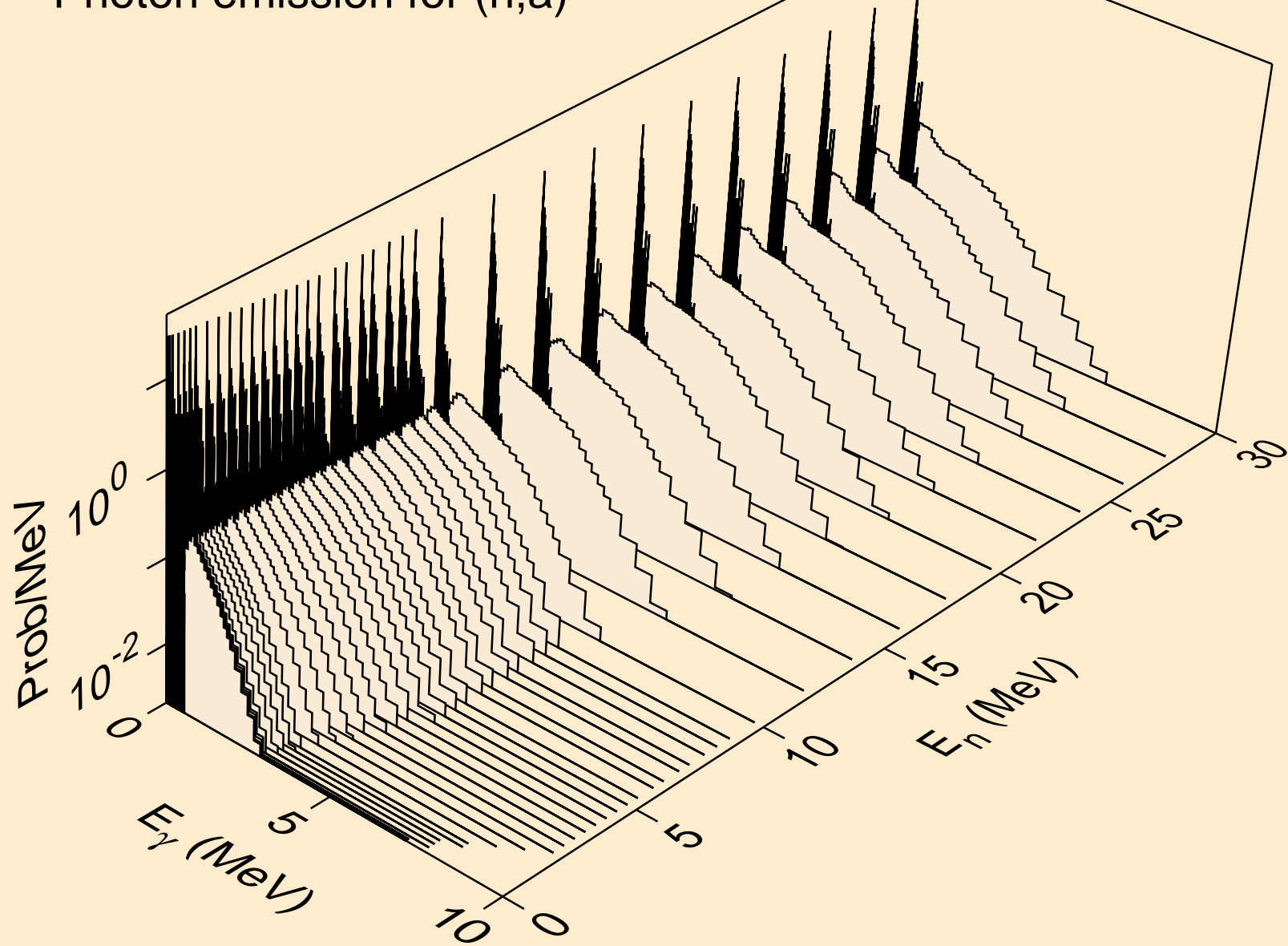
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,t)



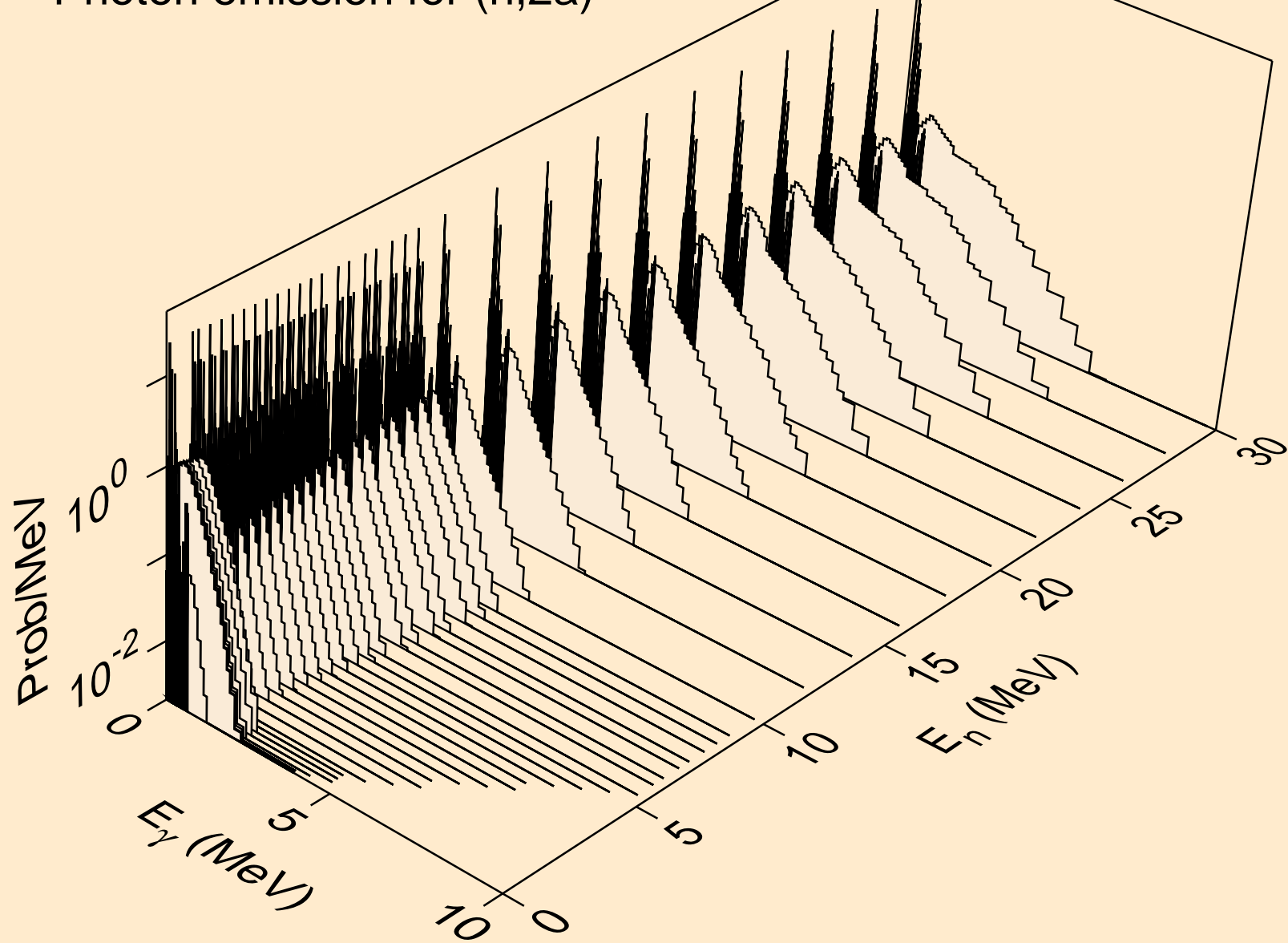
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,he3)



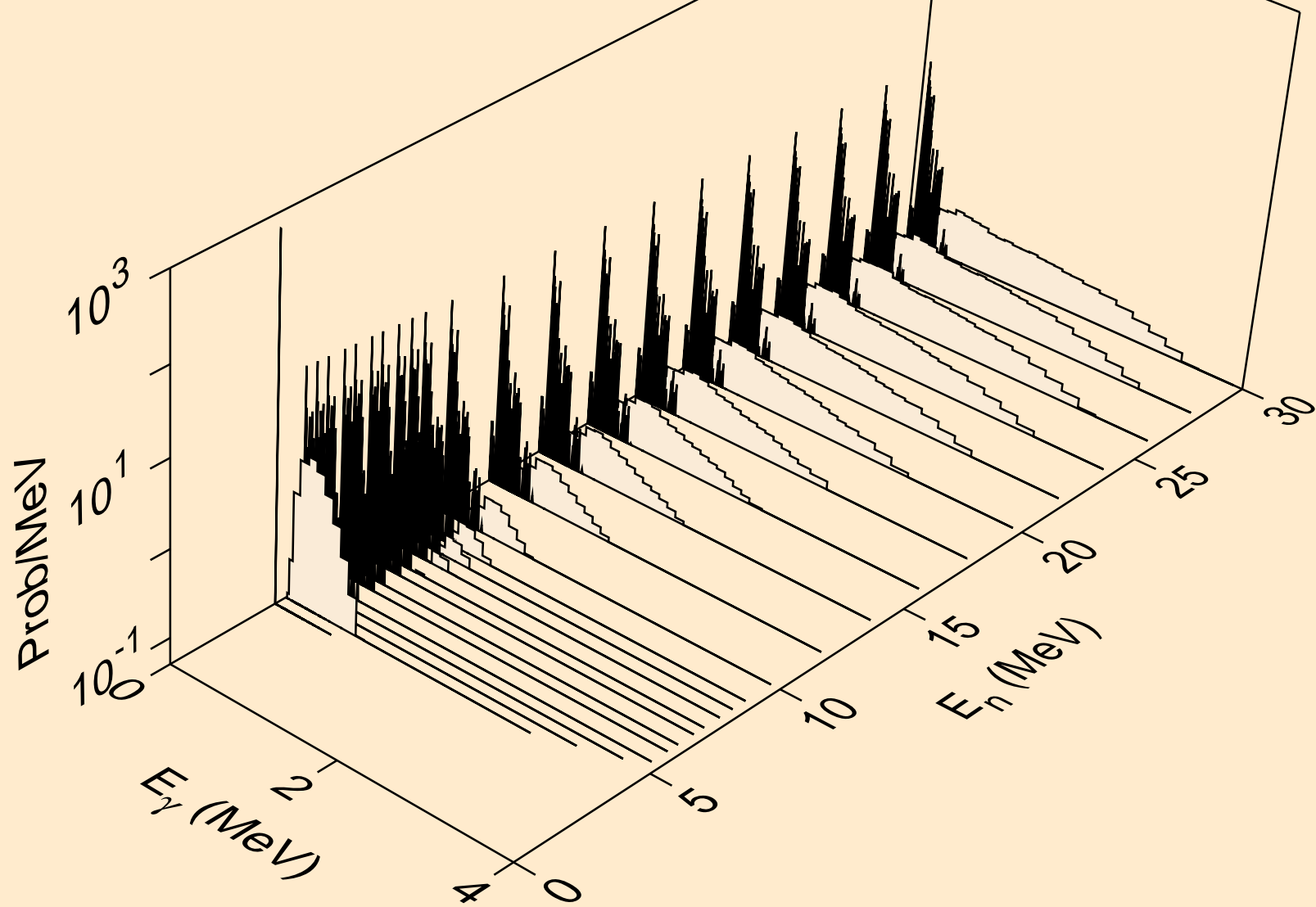
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,a)



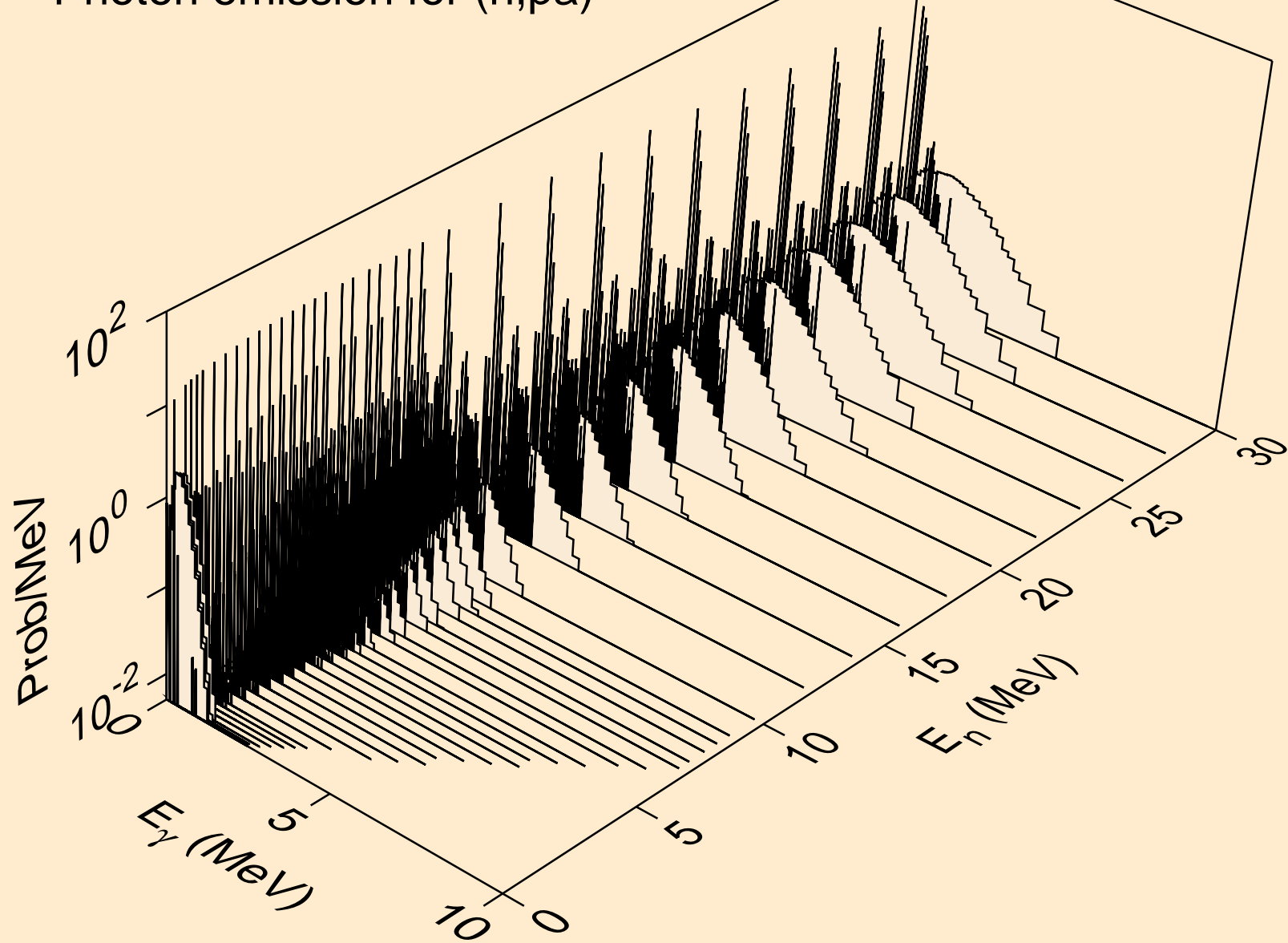
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2a)



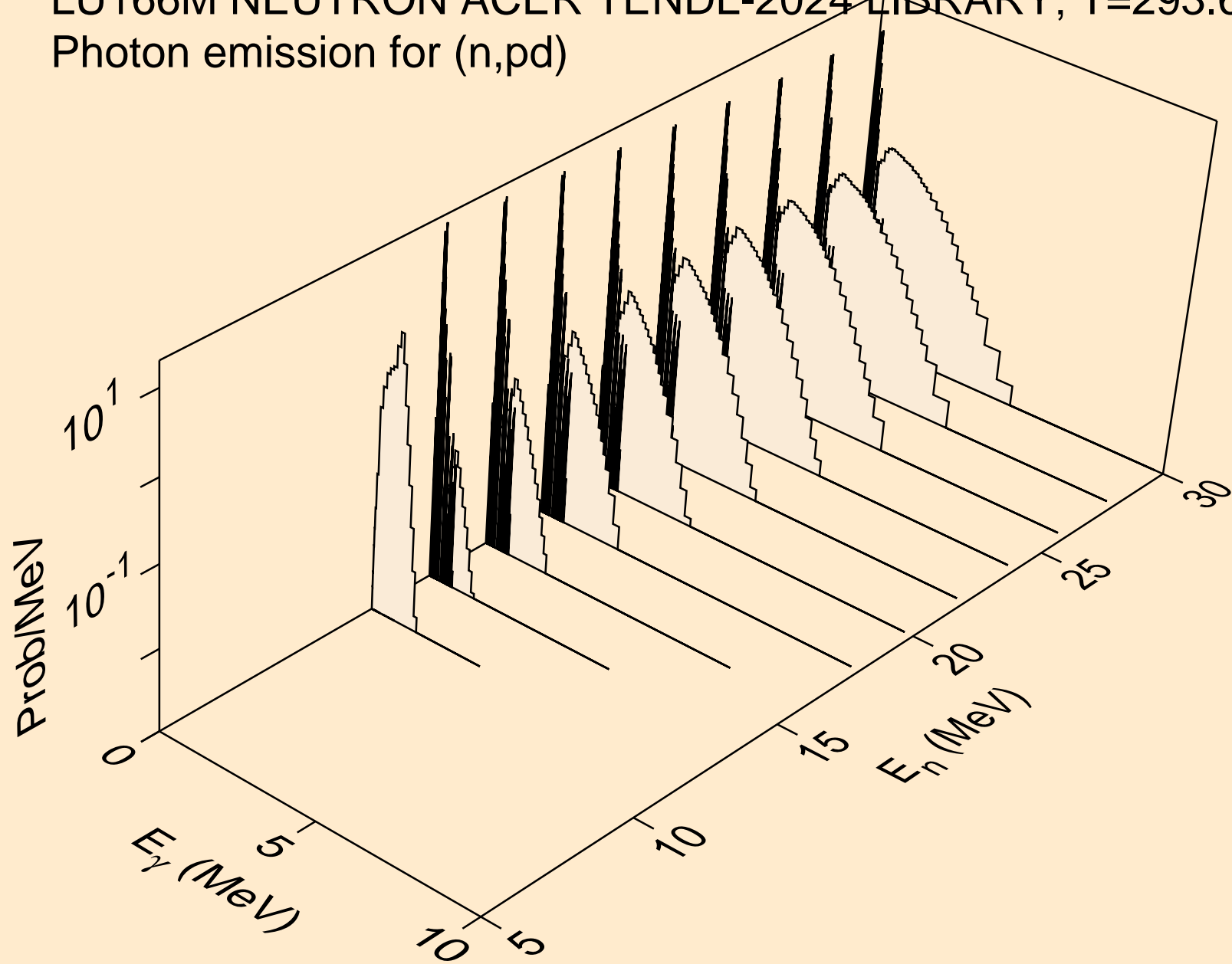
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,2p)



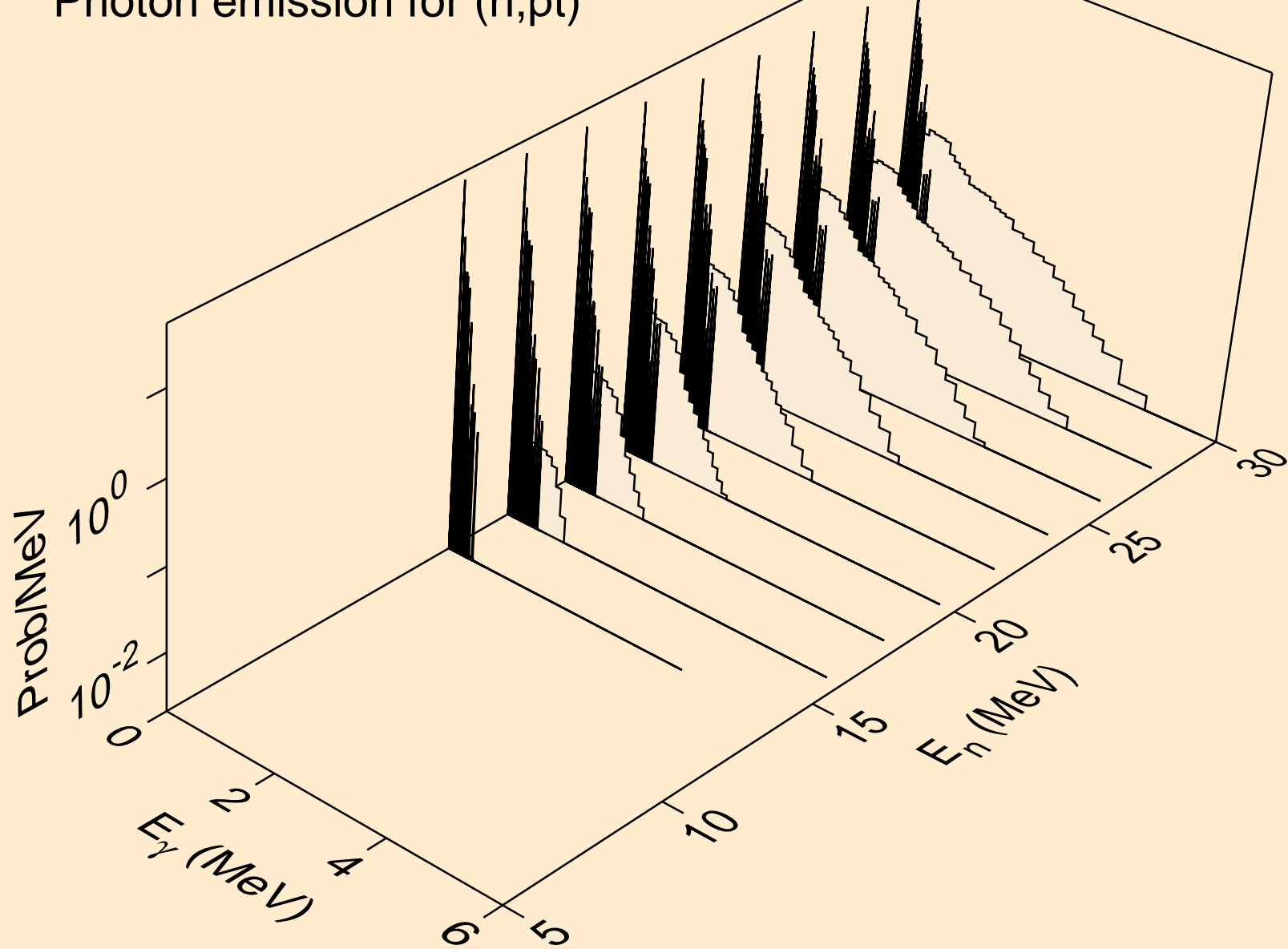
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,p α)



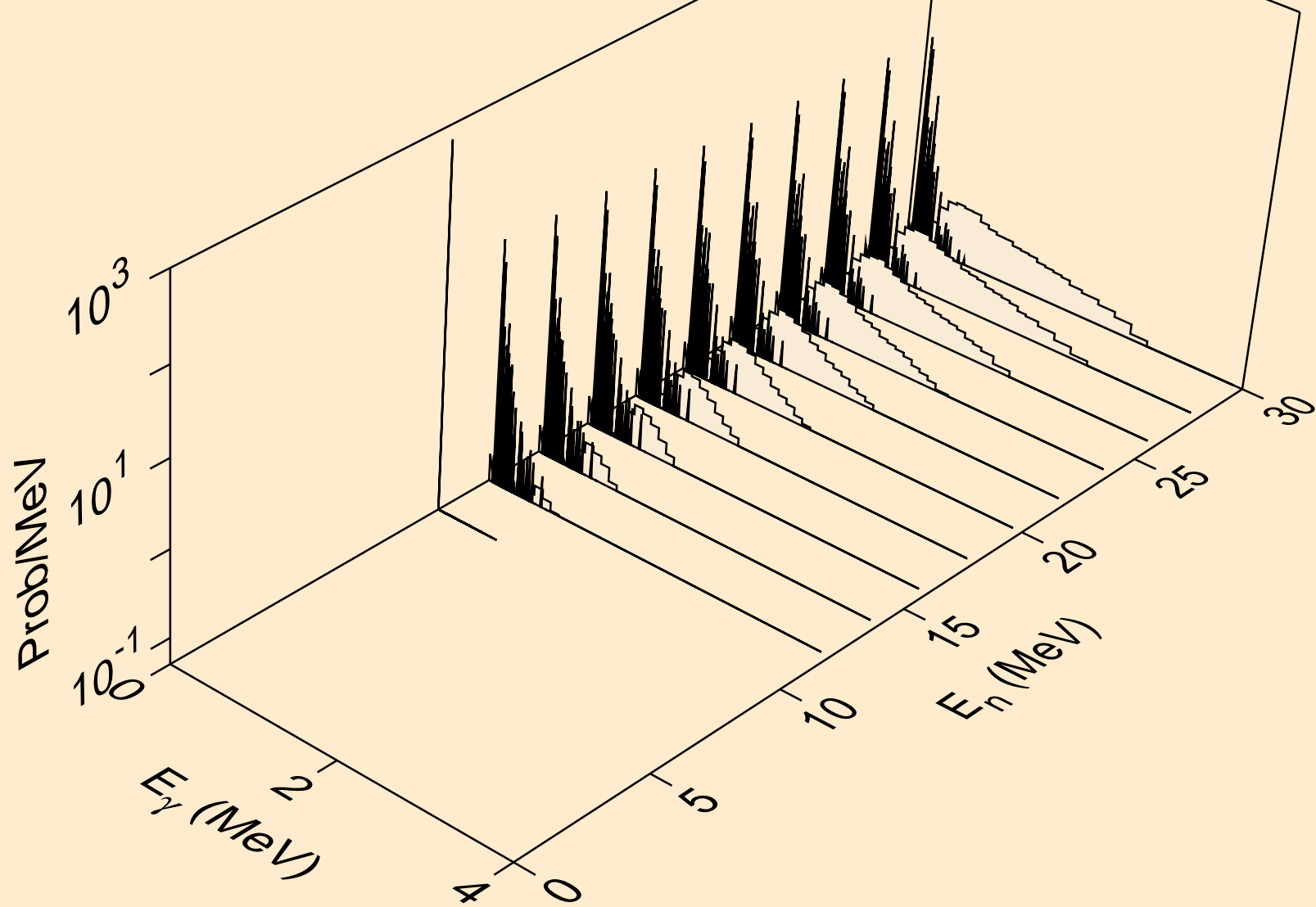
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pd)



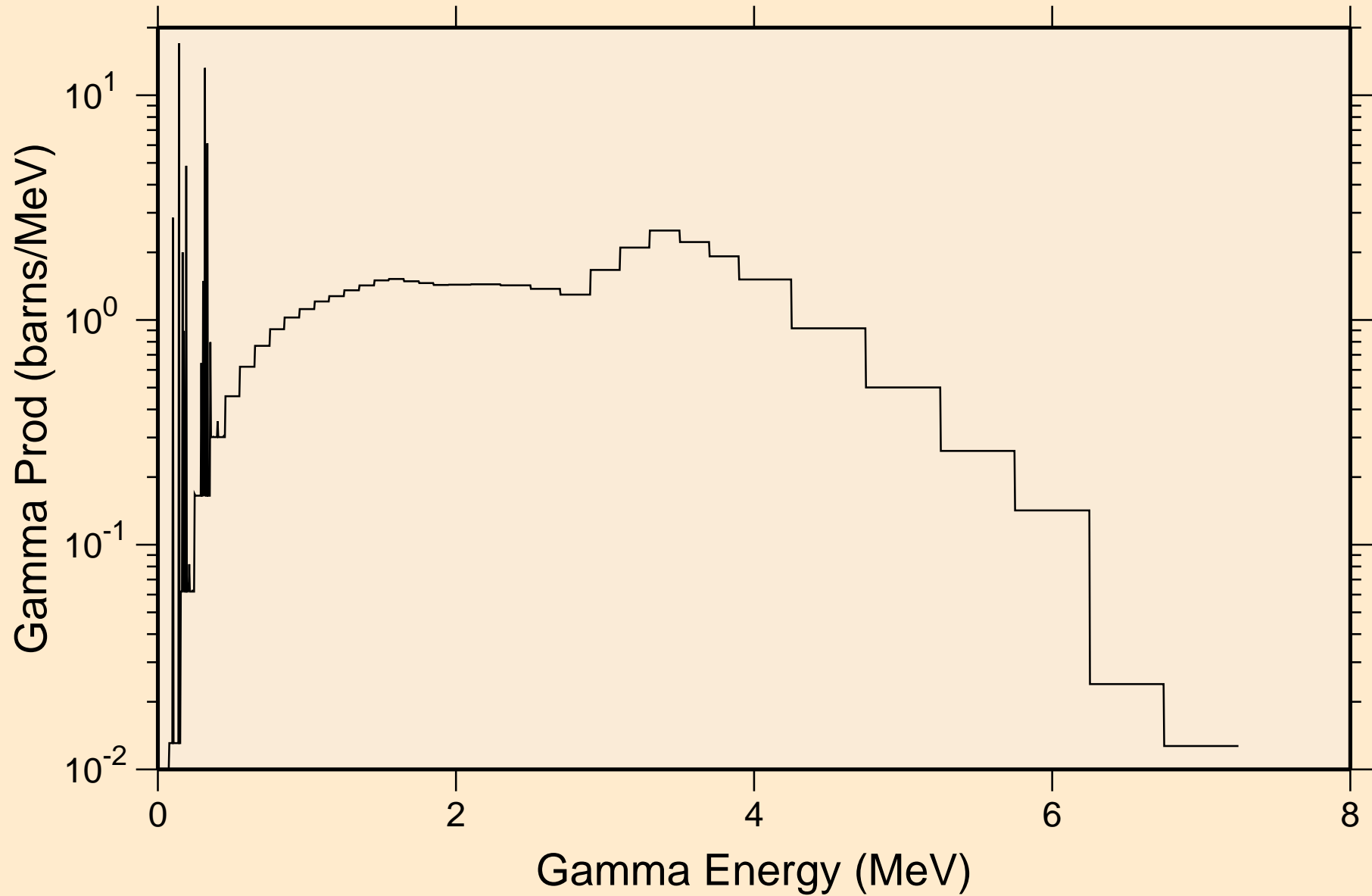
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,pt)



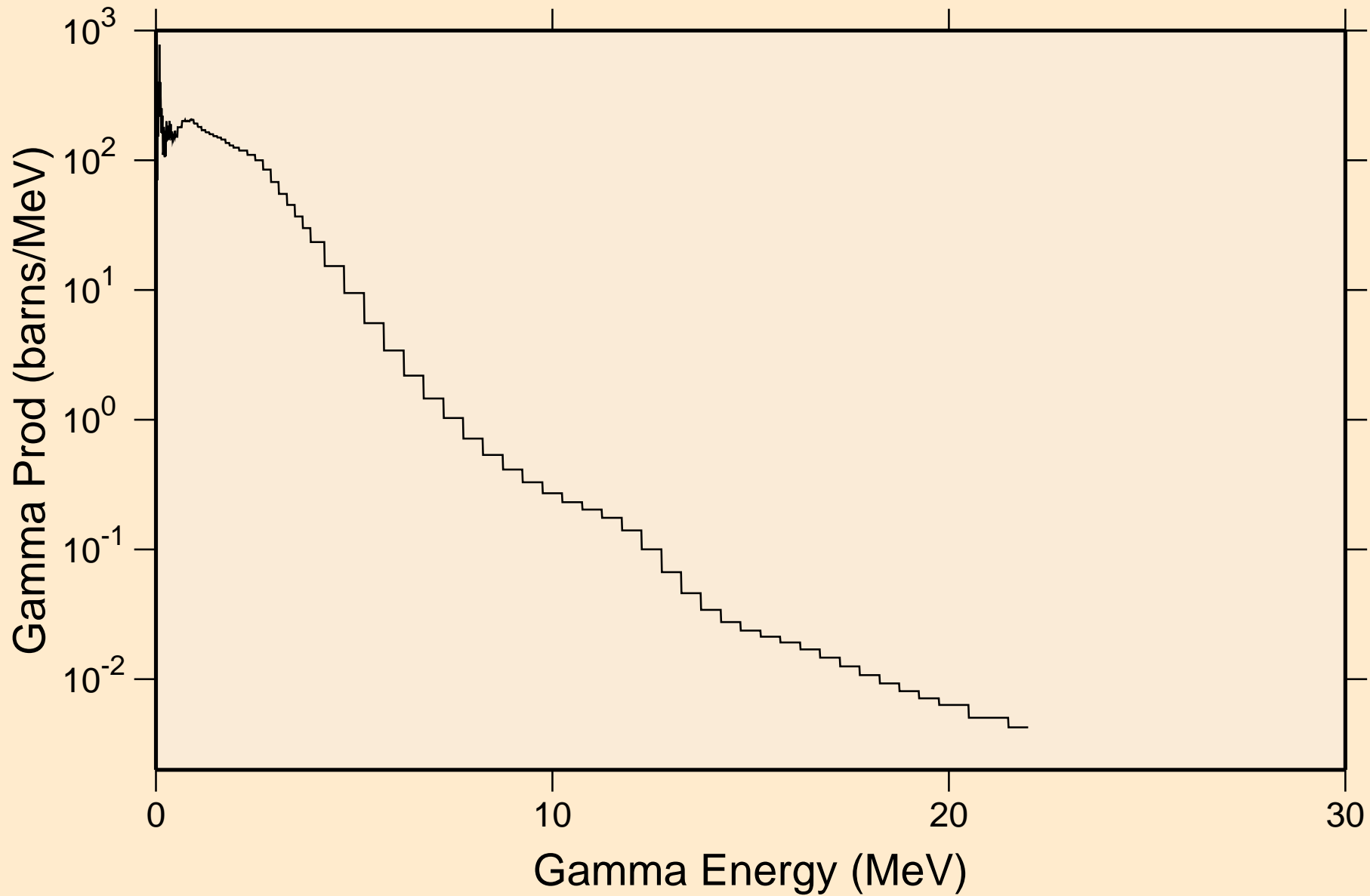
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Photon emission for (n,da)



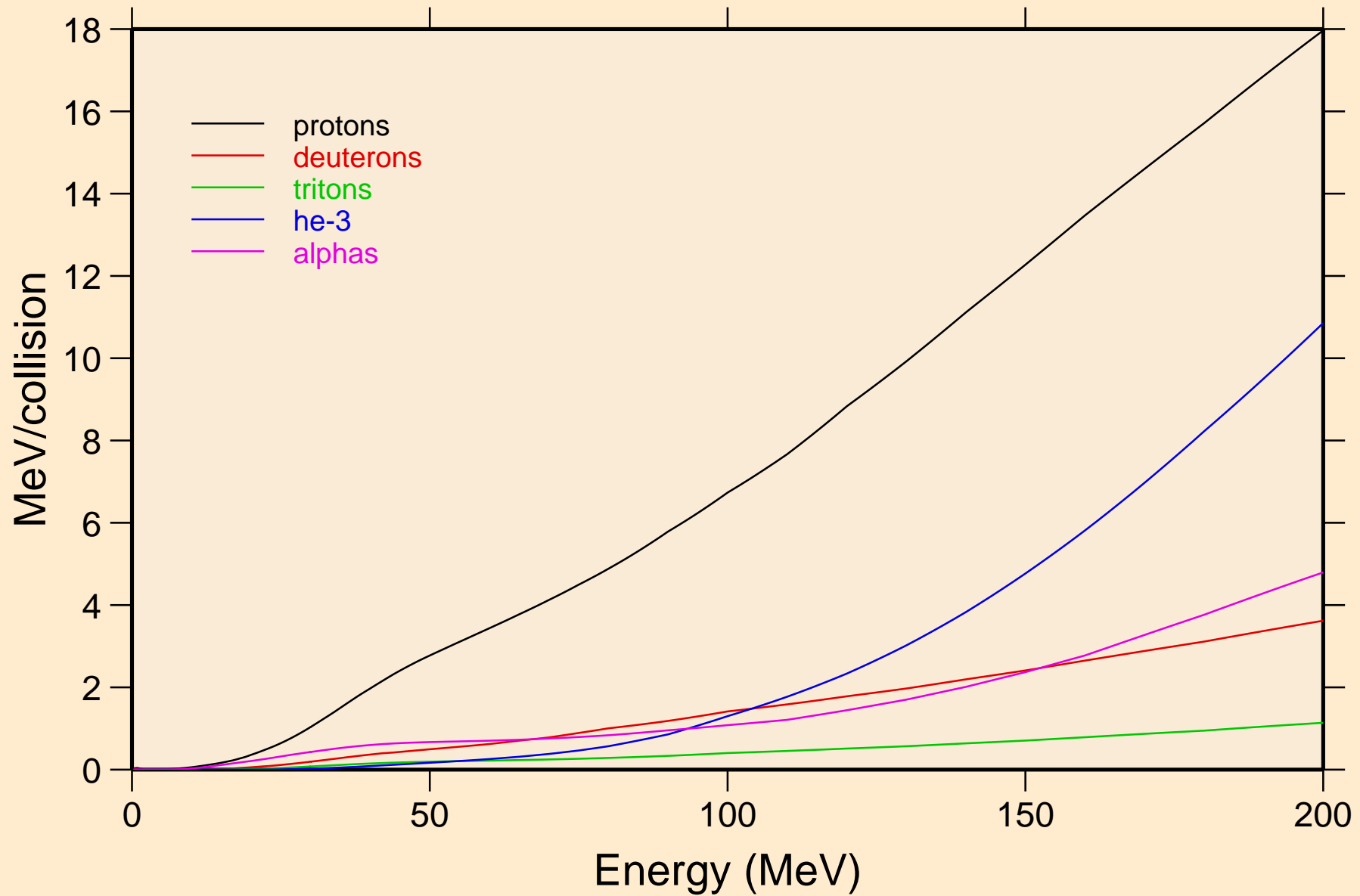
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
thermal capture photon spectrum



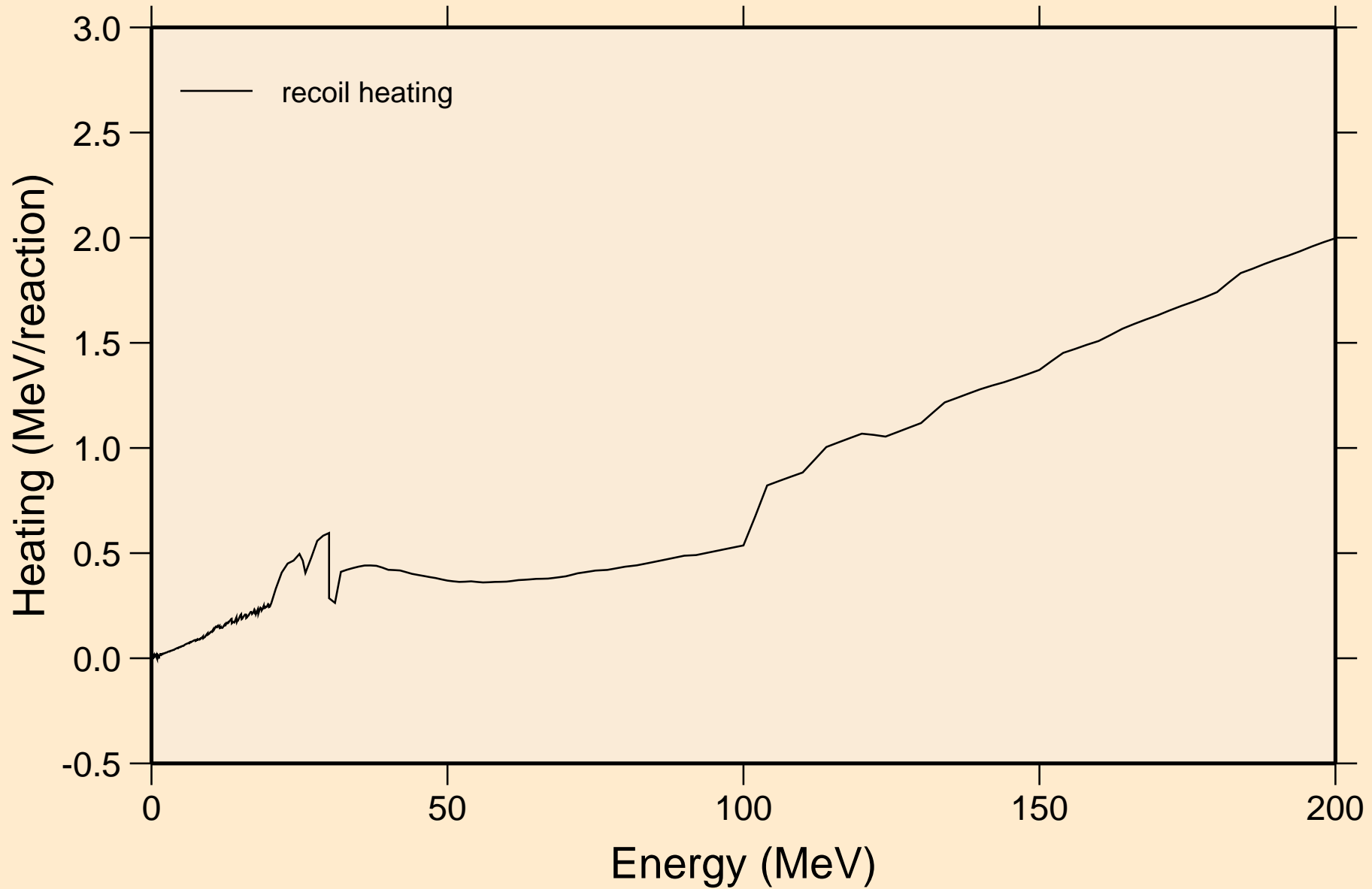
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
14 MeV photon spectrum



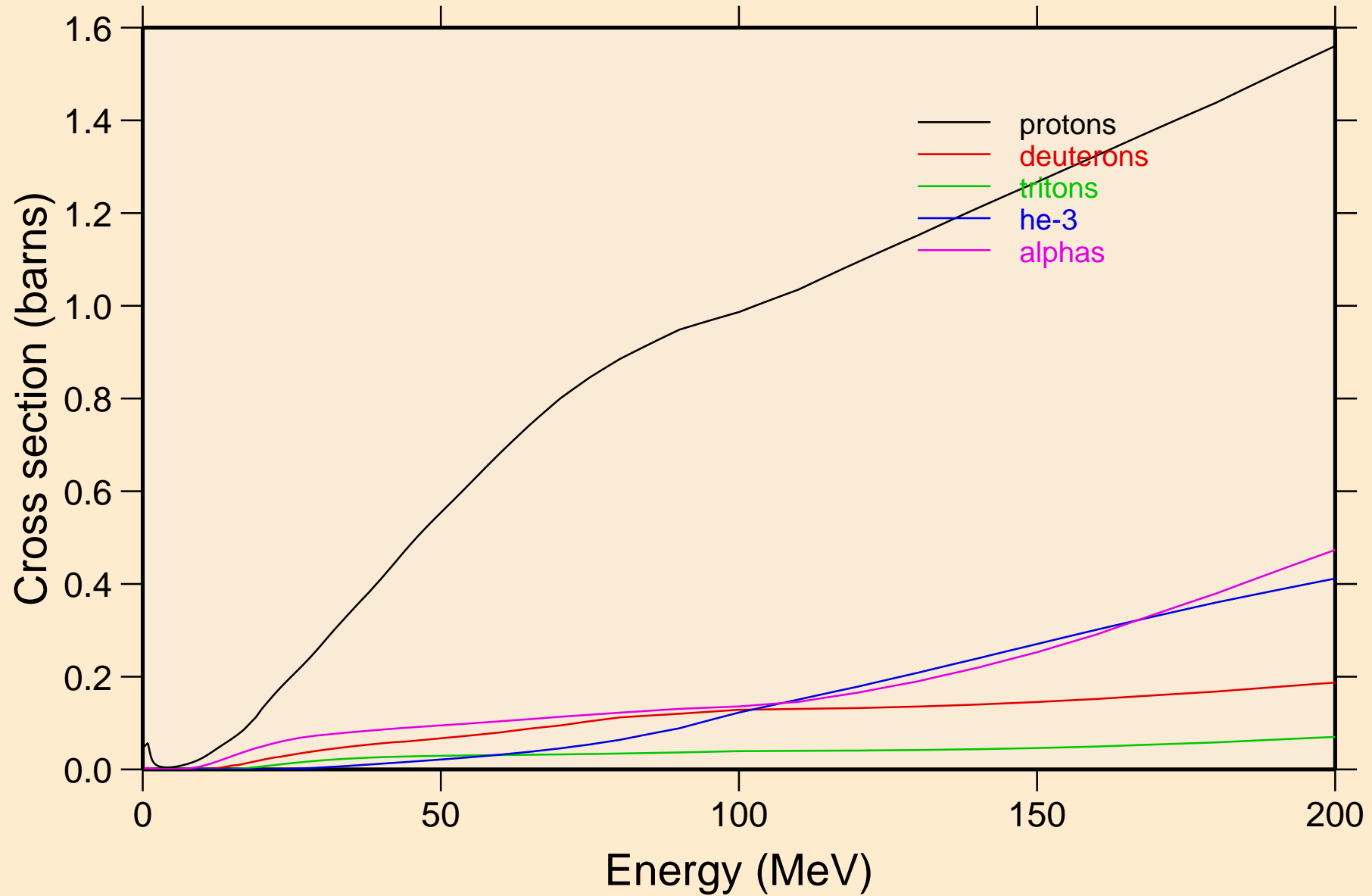
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle heating contributions



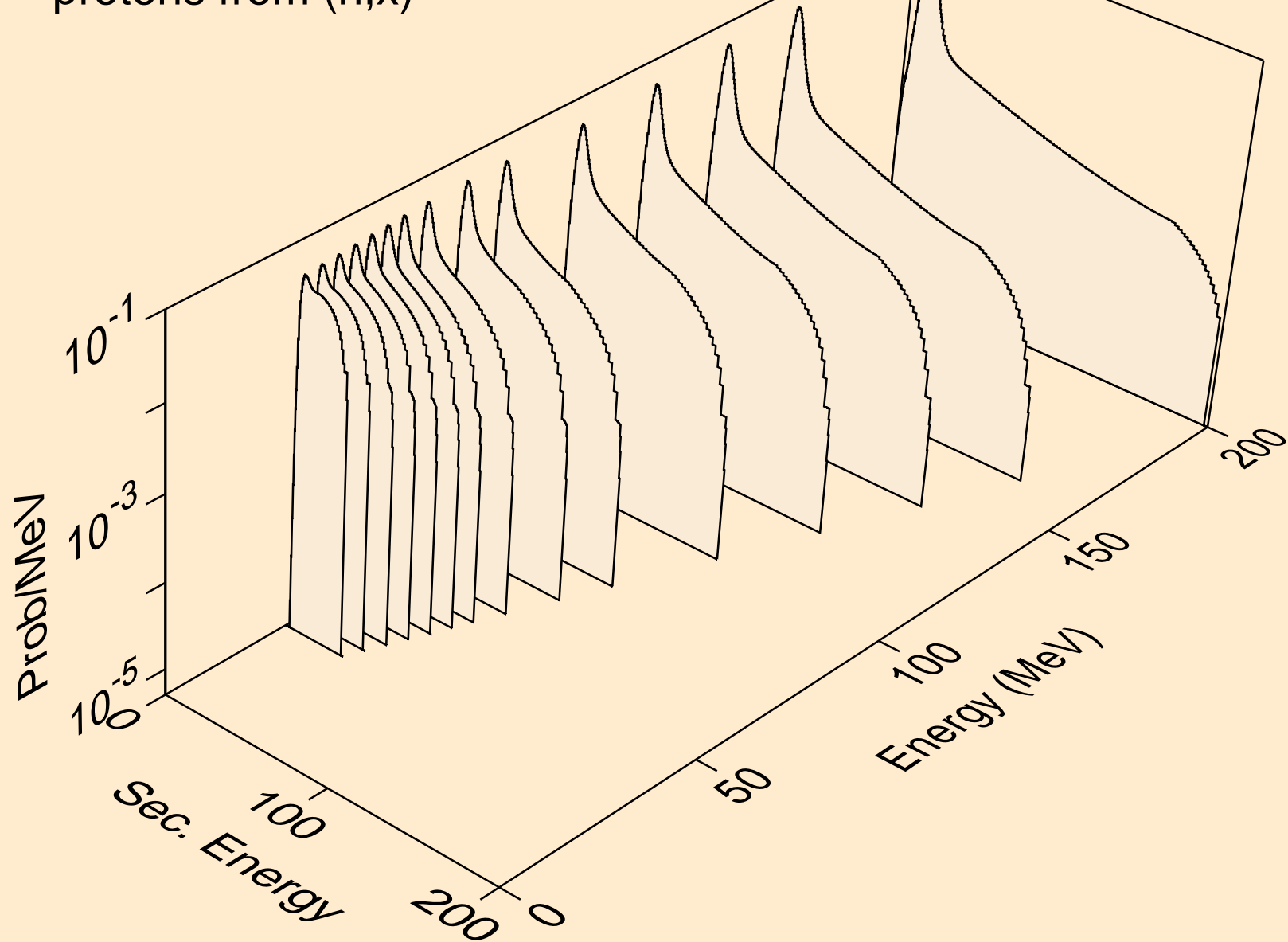
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Recoil Heating



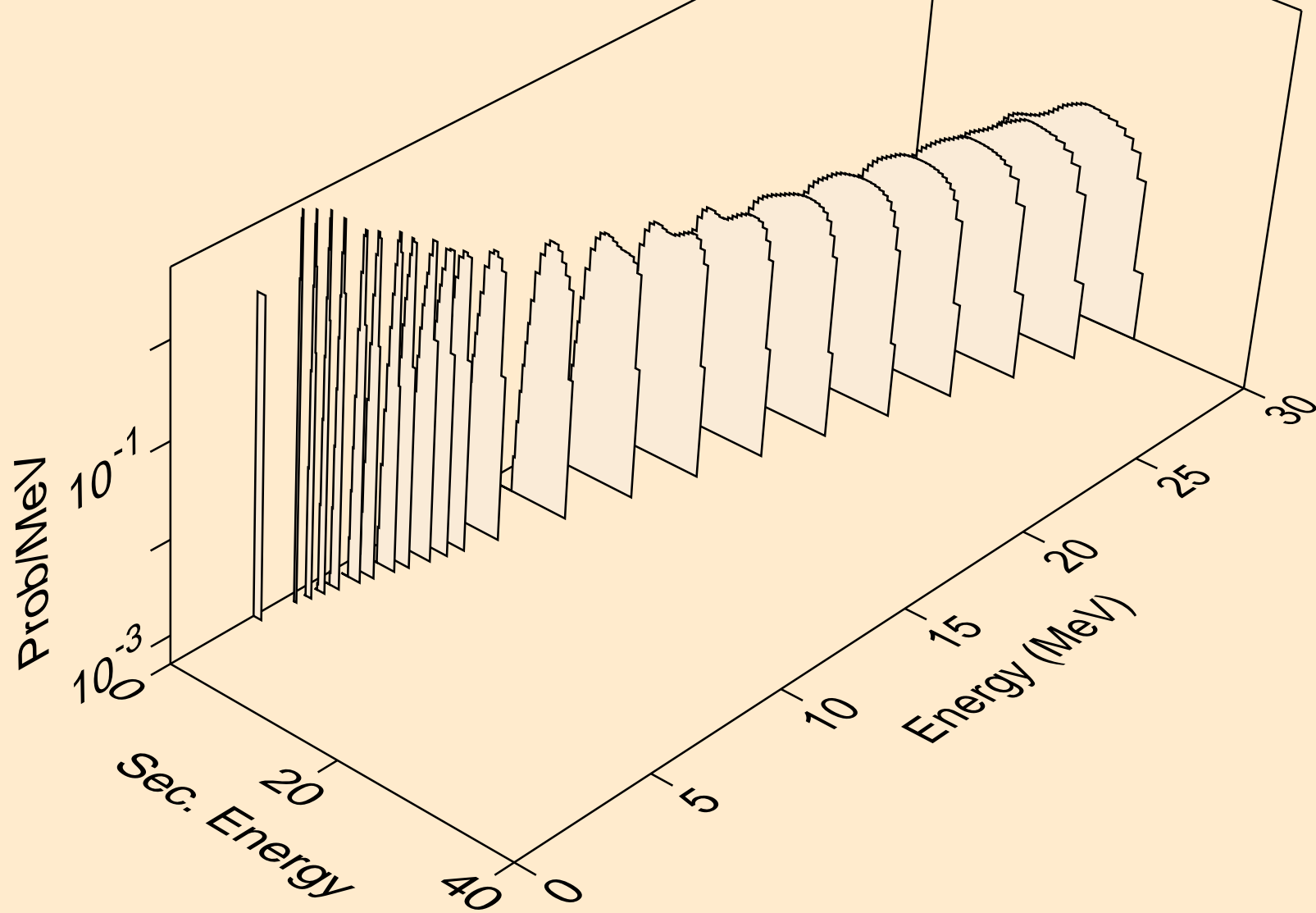
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
Particle production cross sections



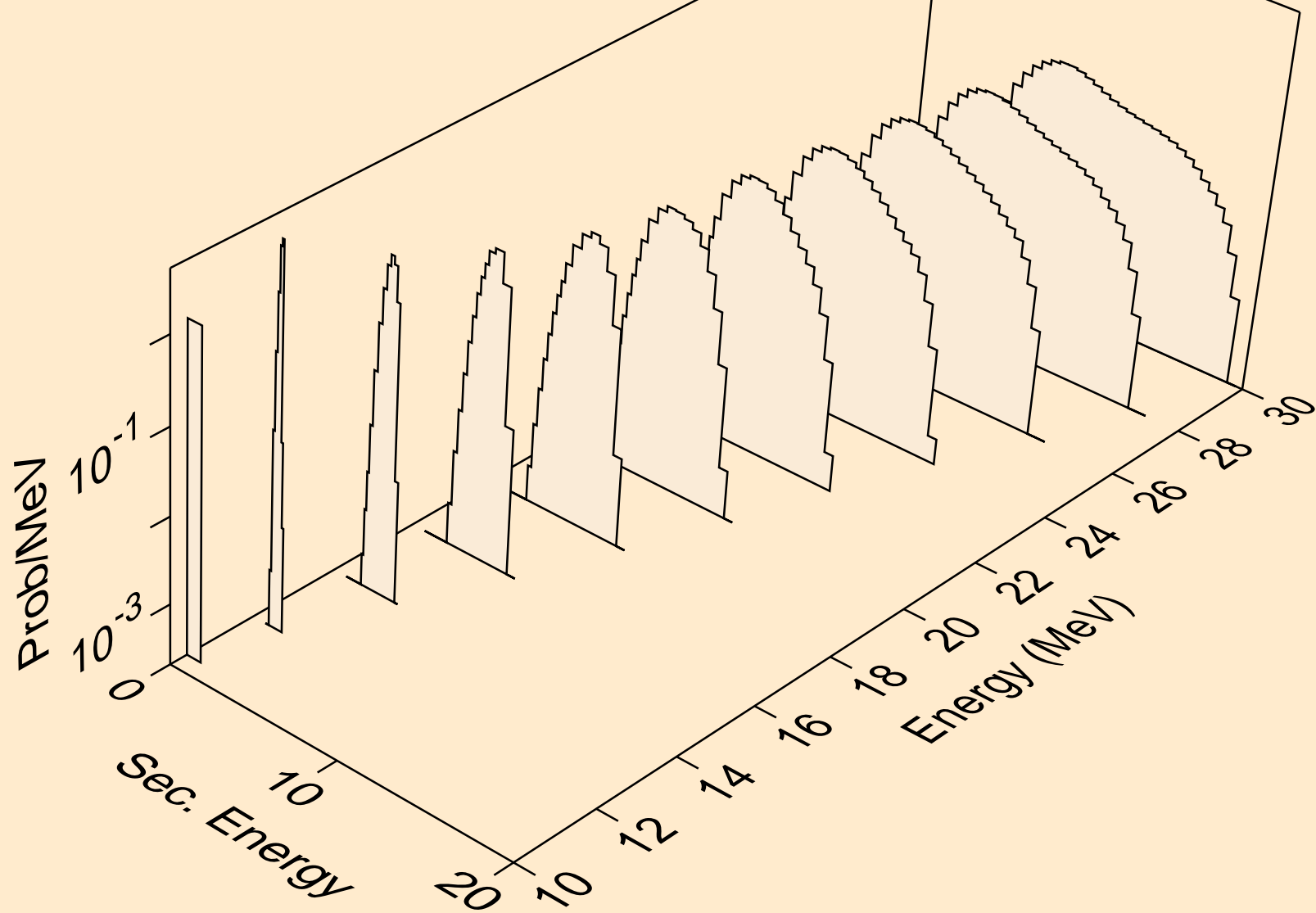
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,x)



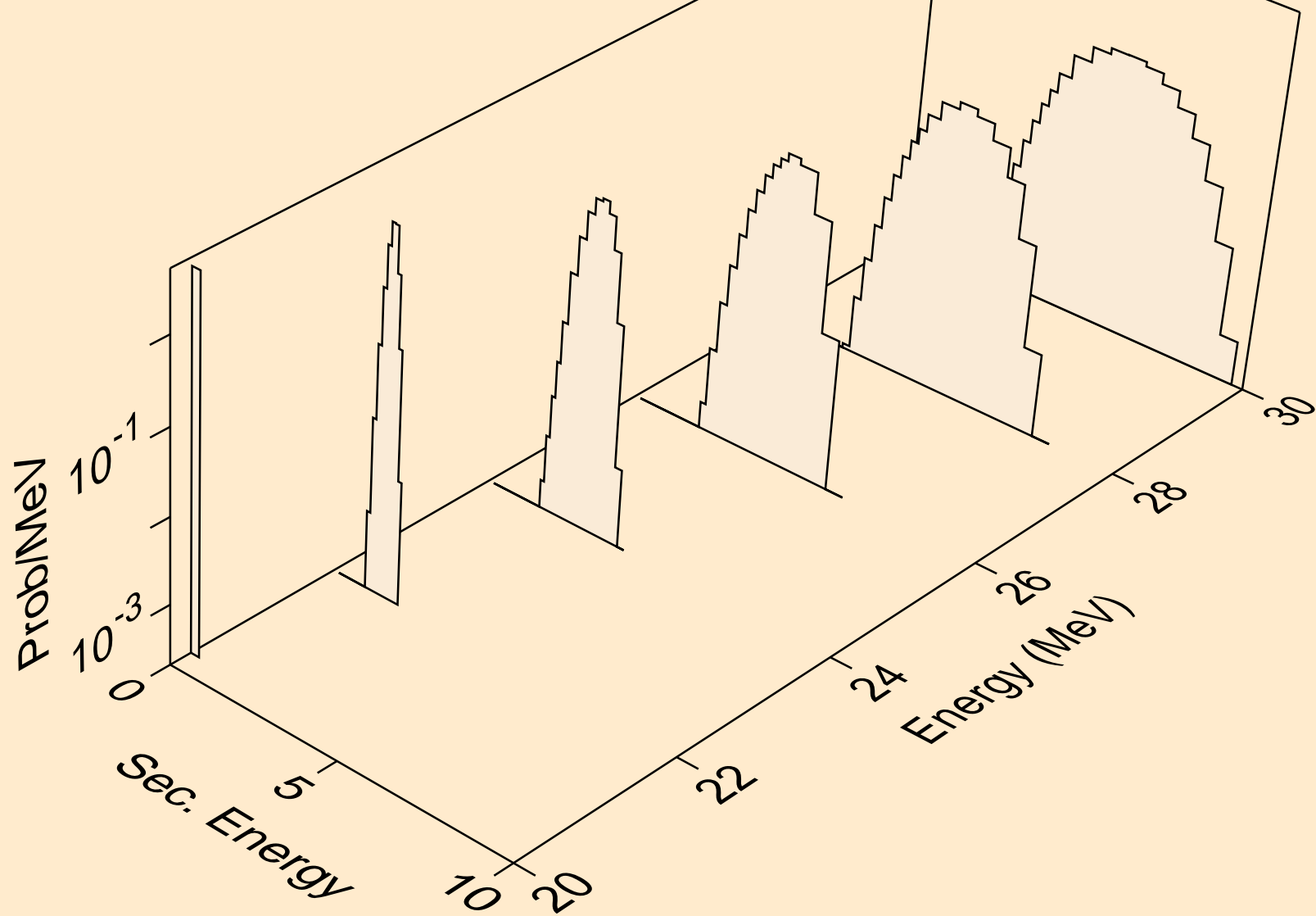
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n*)p



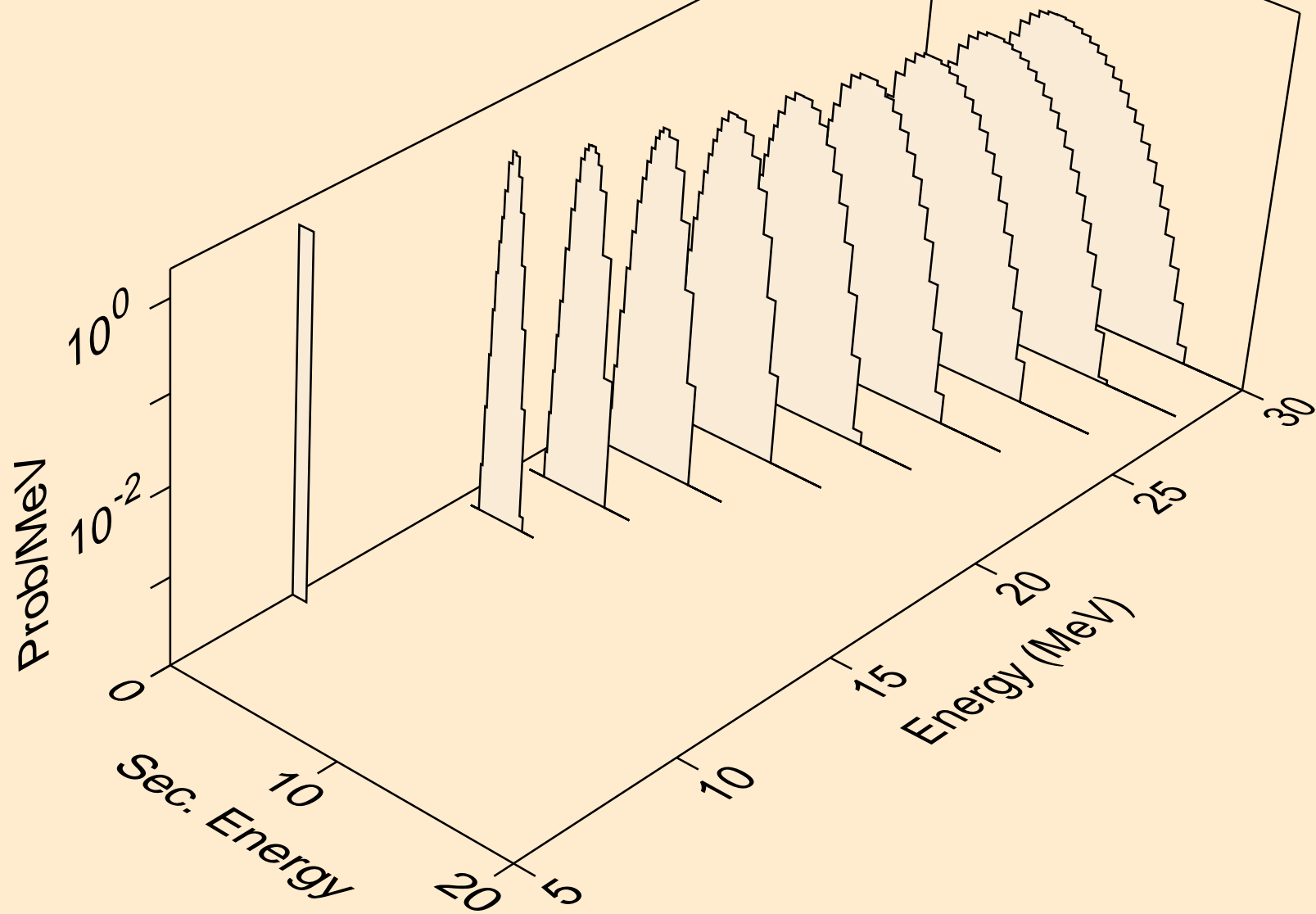
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2np)



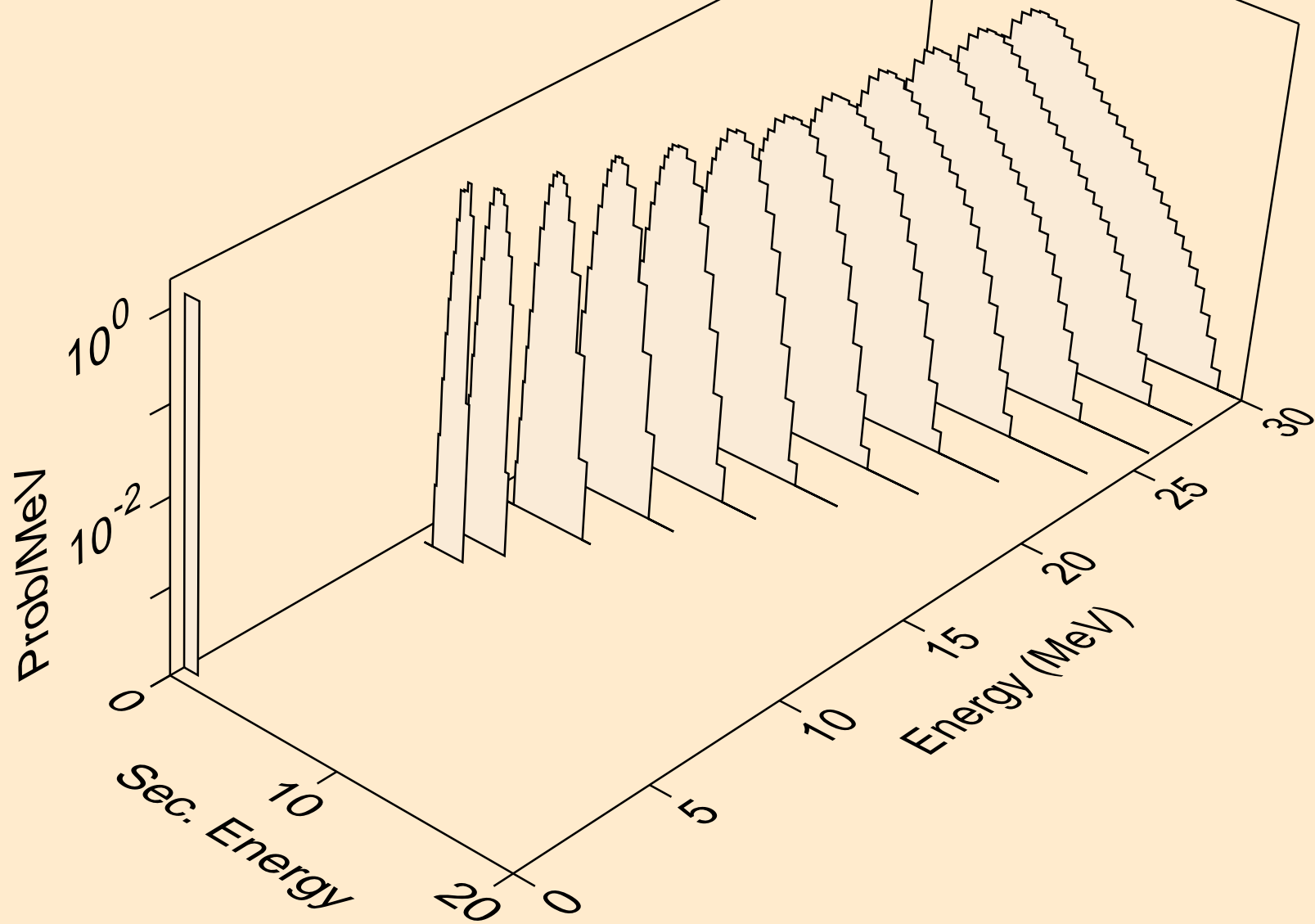
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,3np)



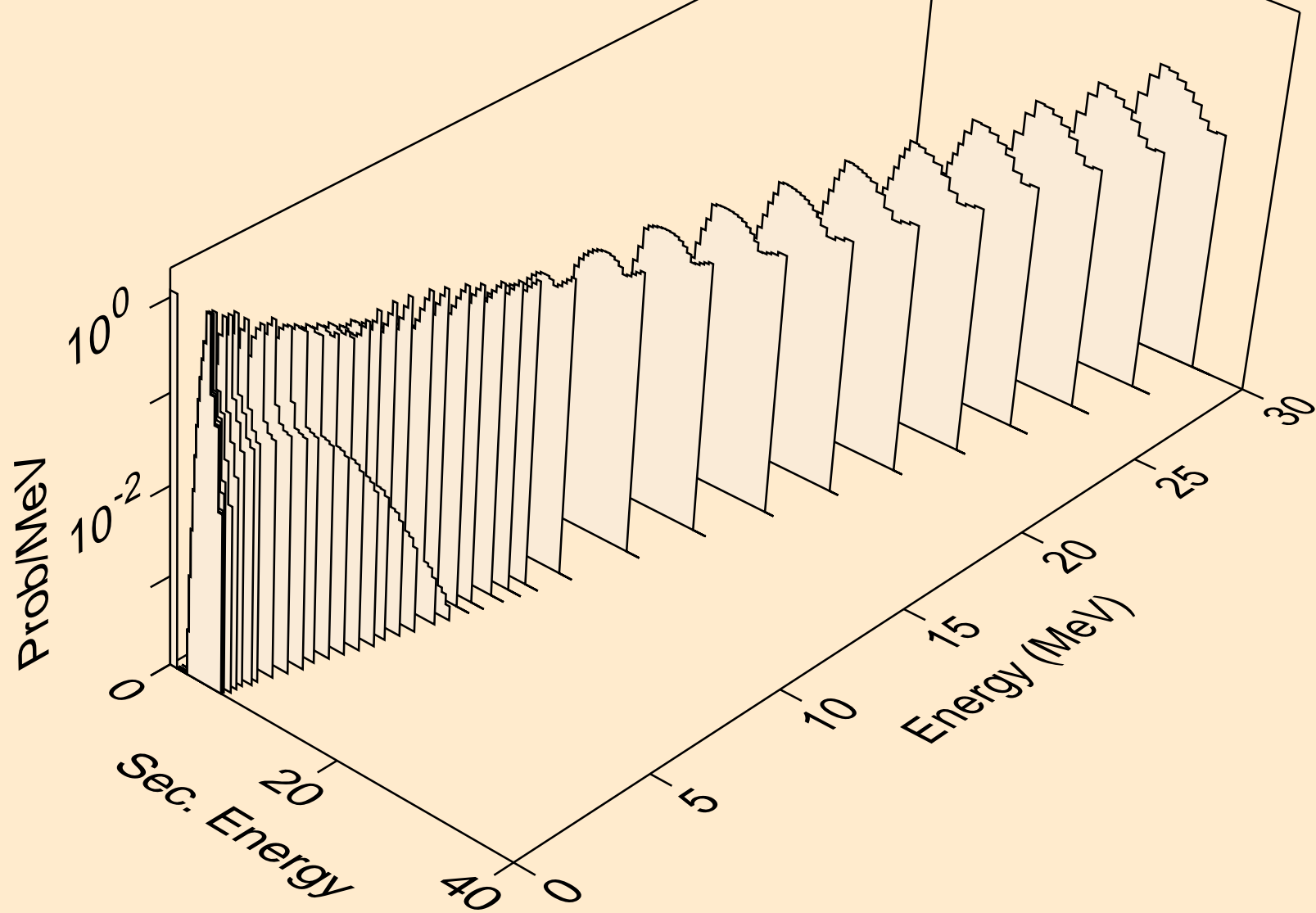
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,n2p)



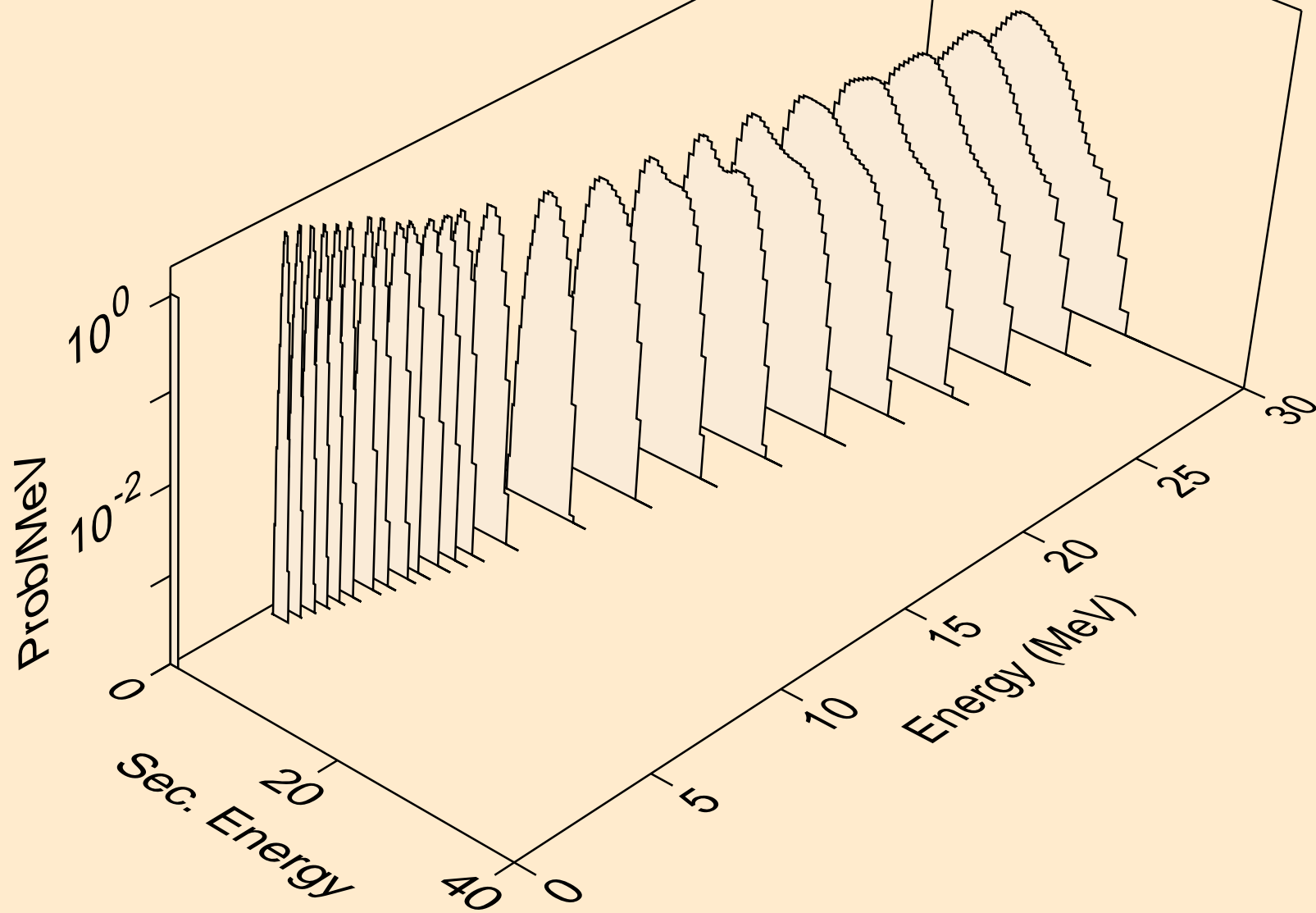
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,npa)



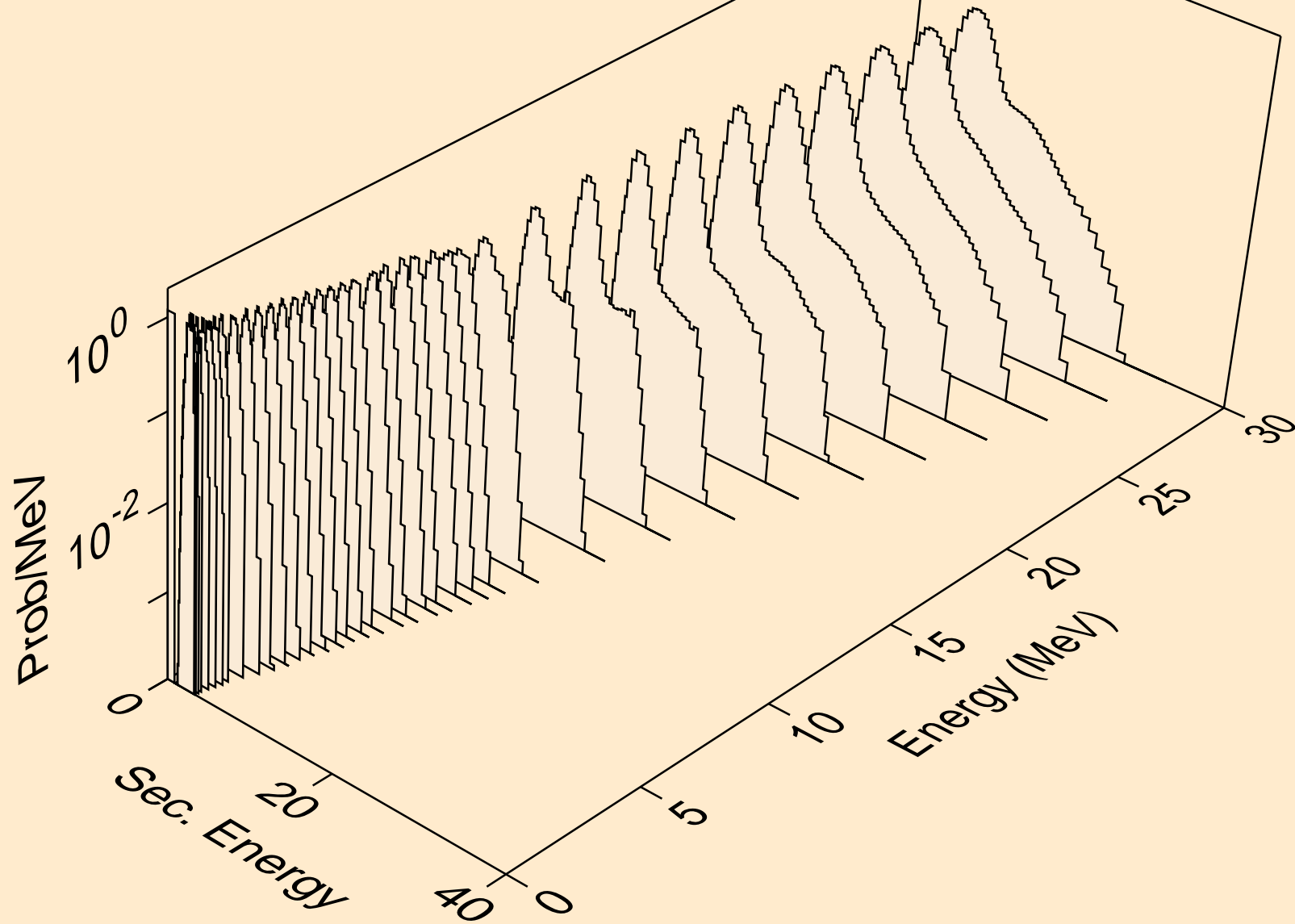
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



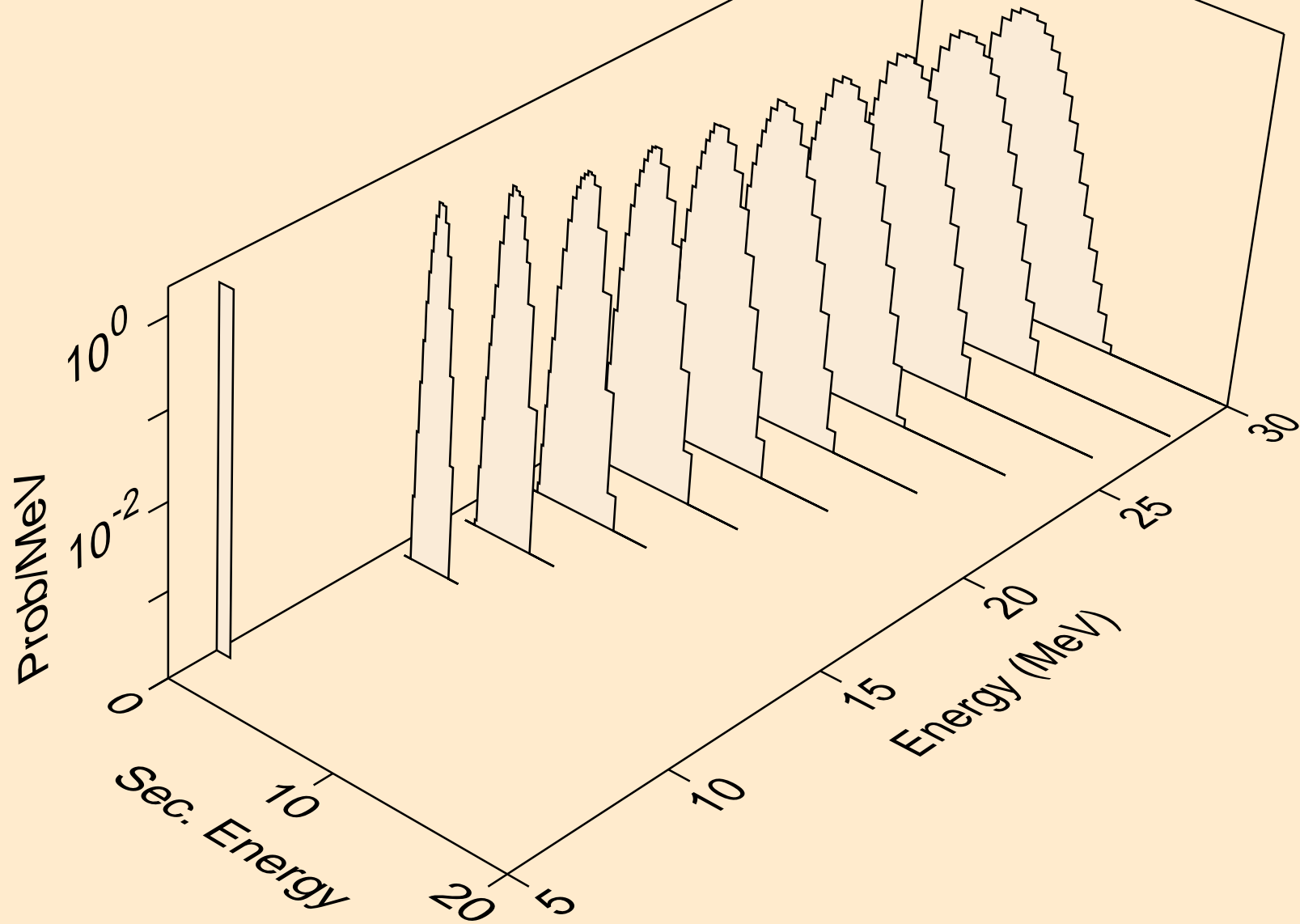
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,2p)



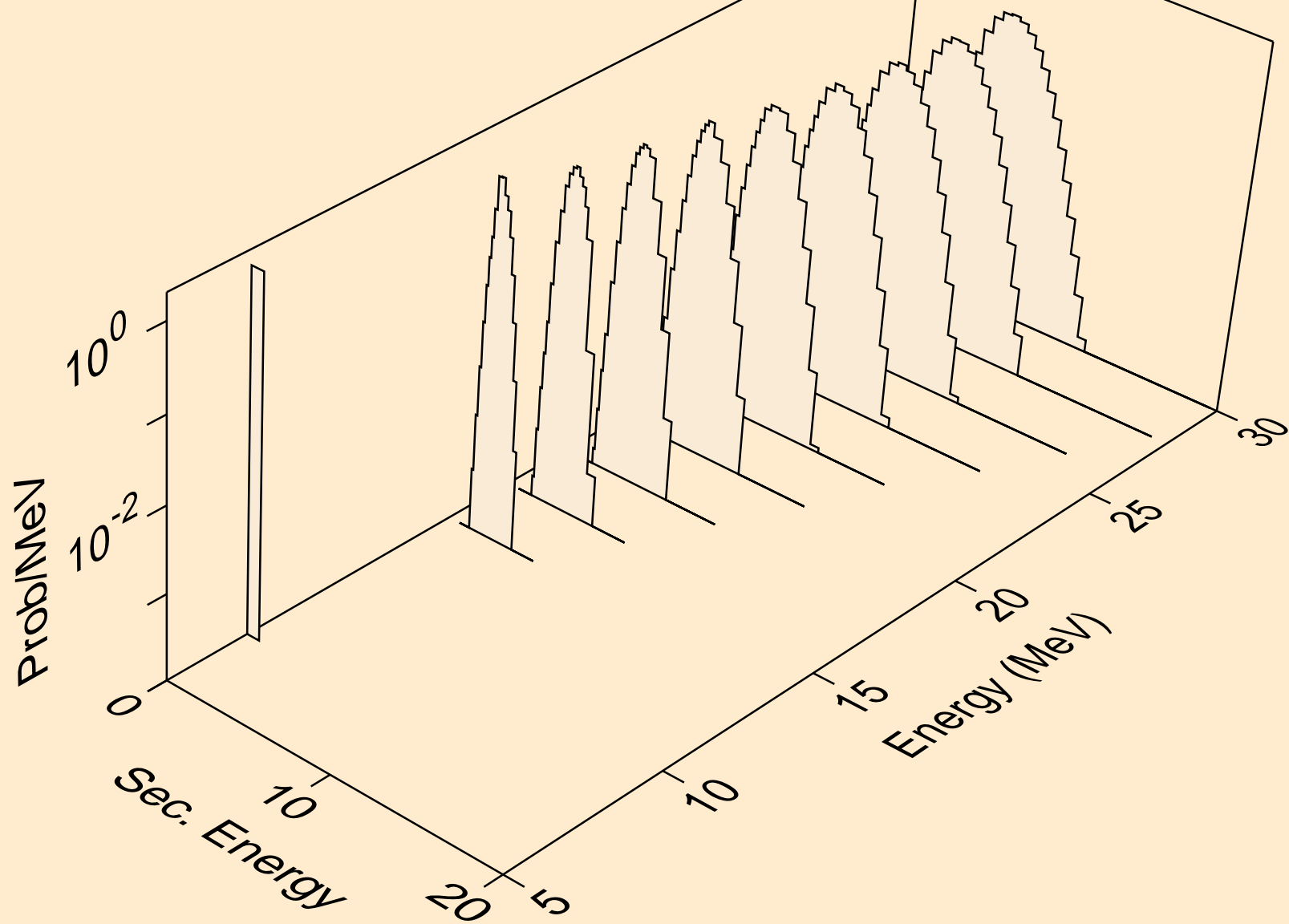
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,p)



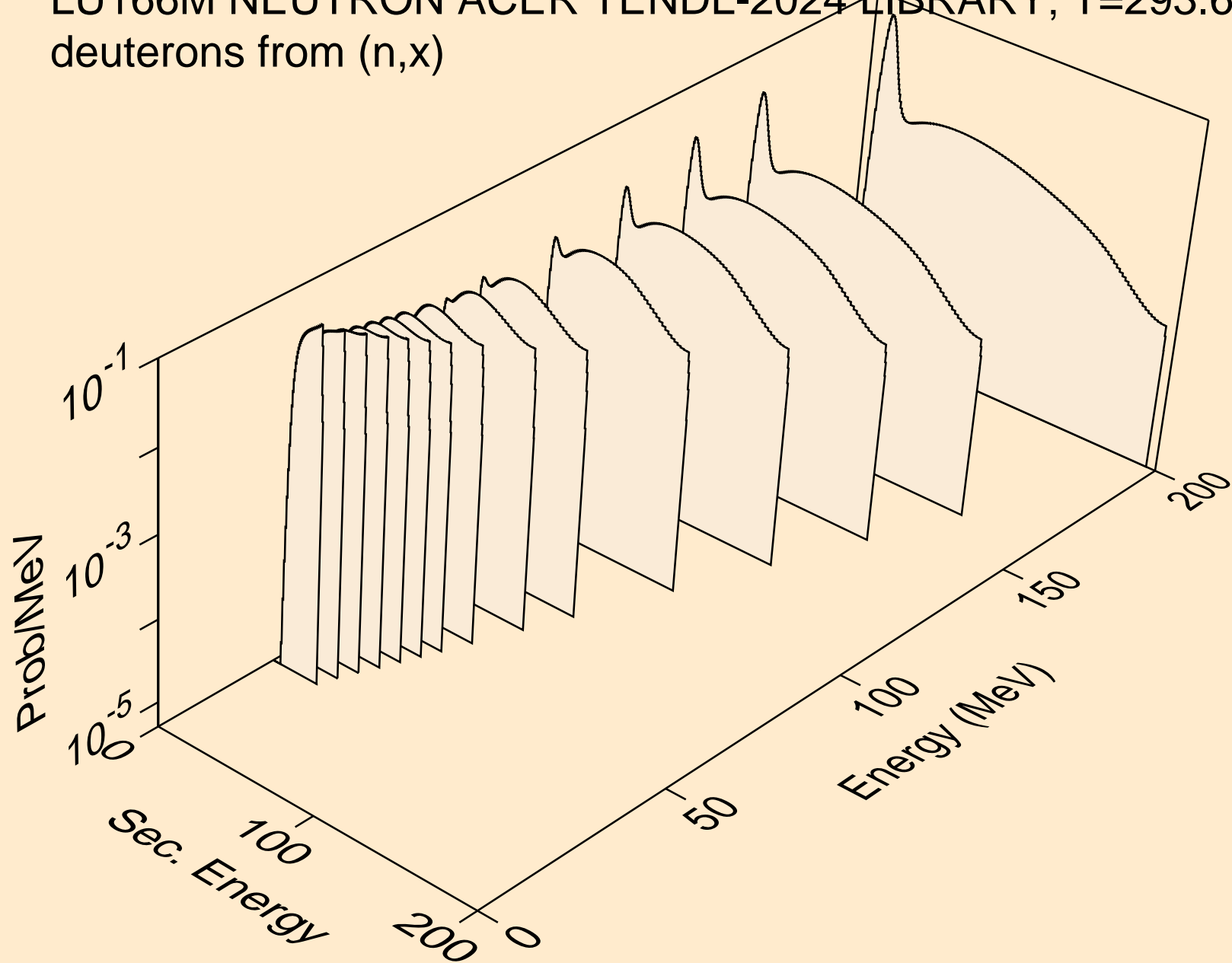
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pd)



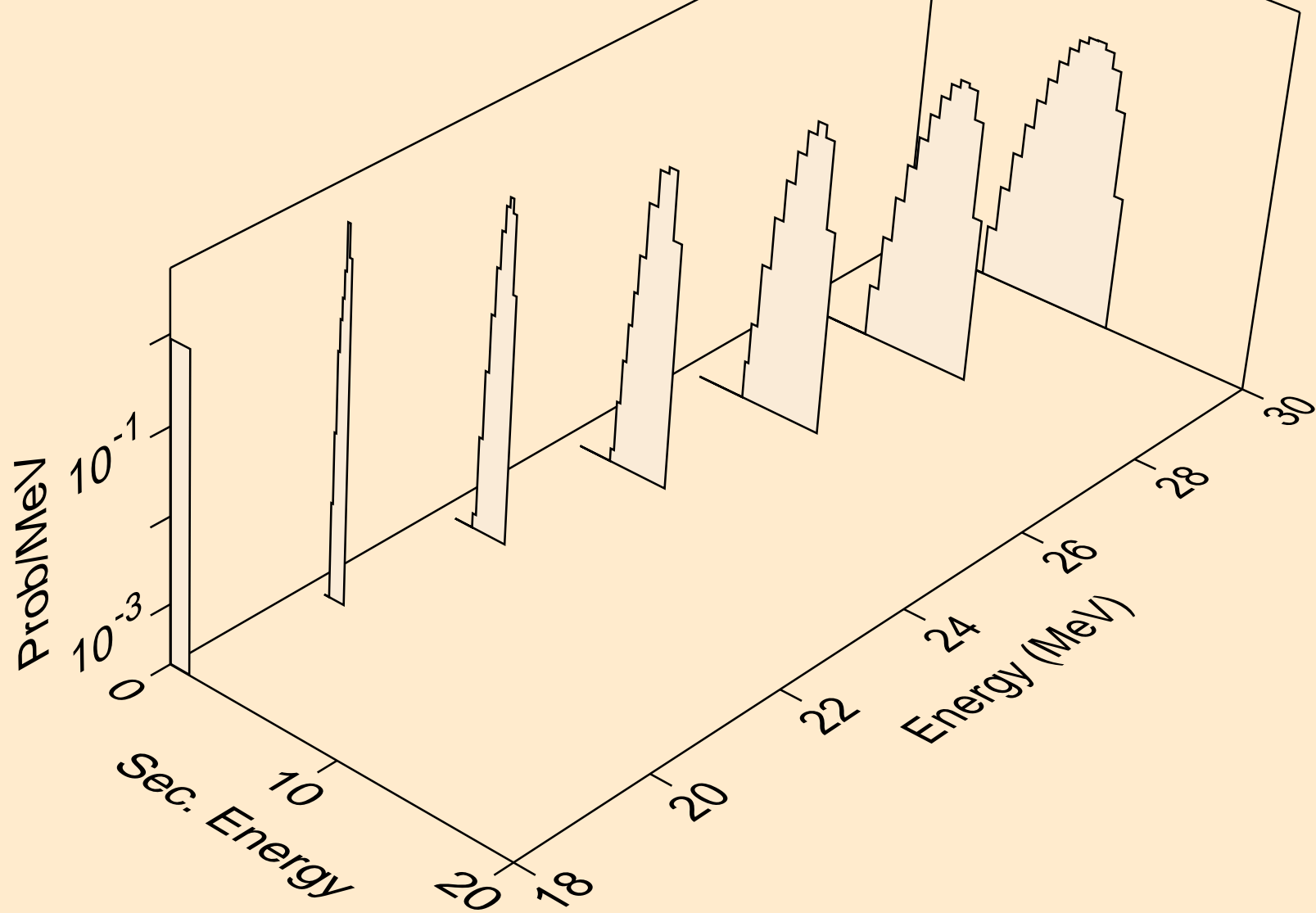
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
protons from (n,pt)



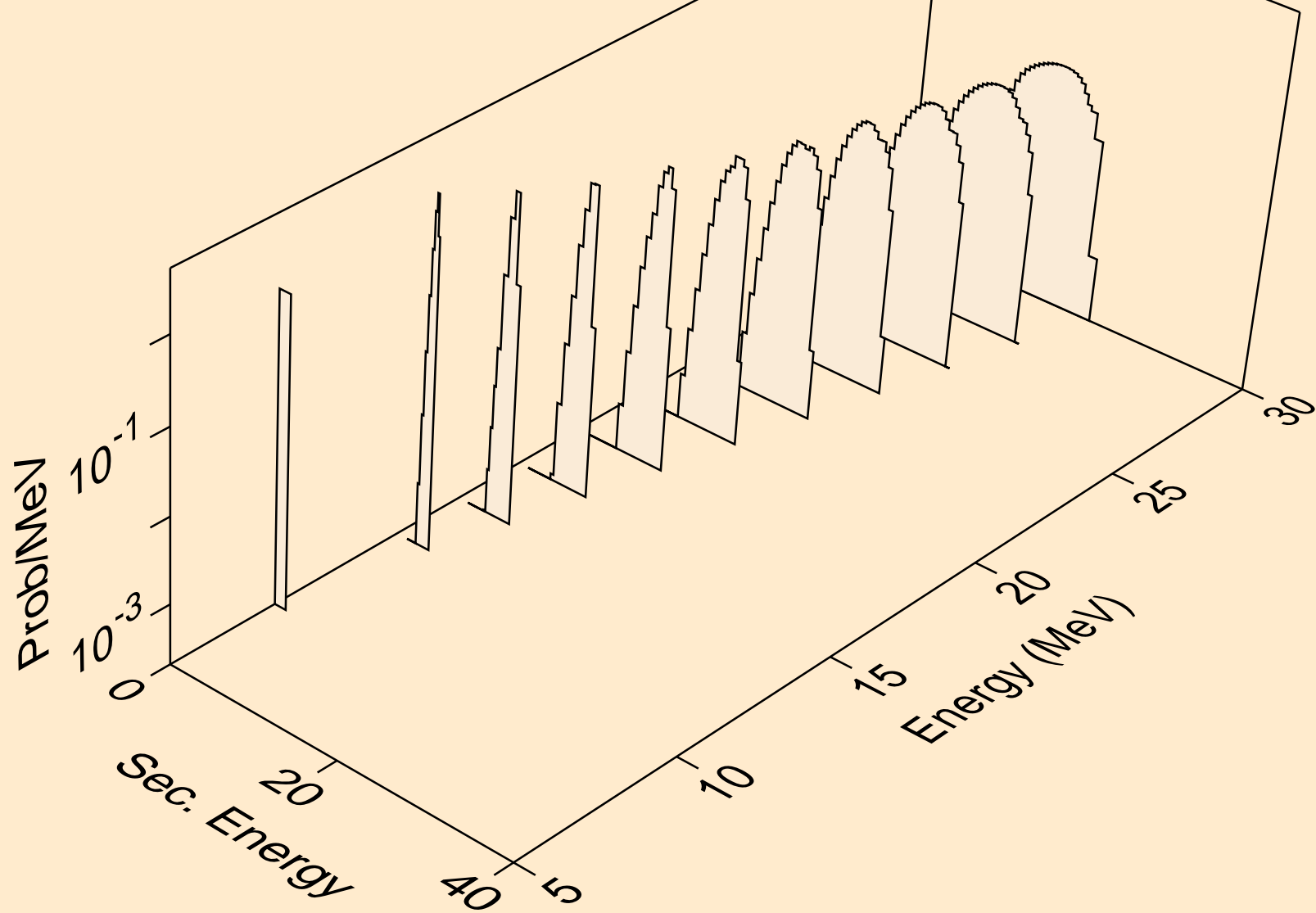
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,x)



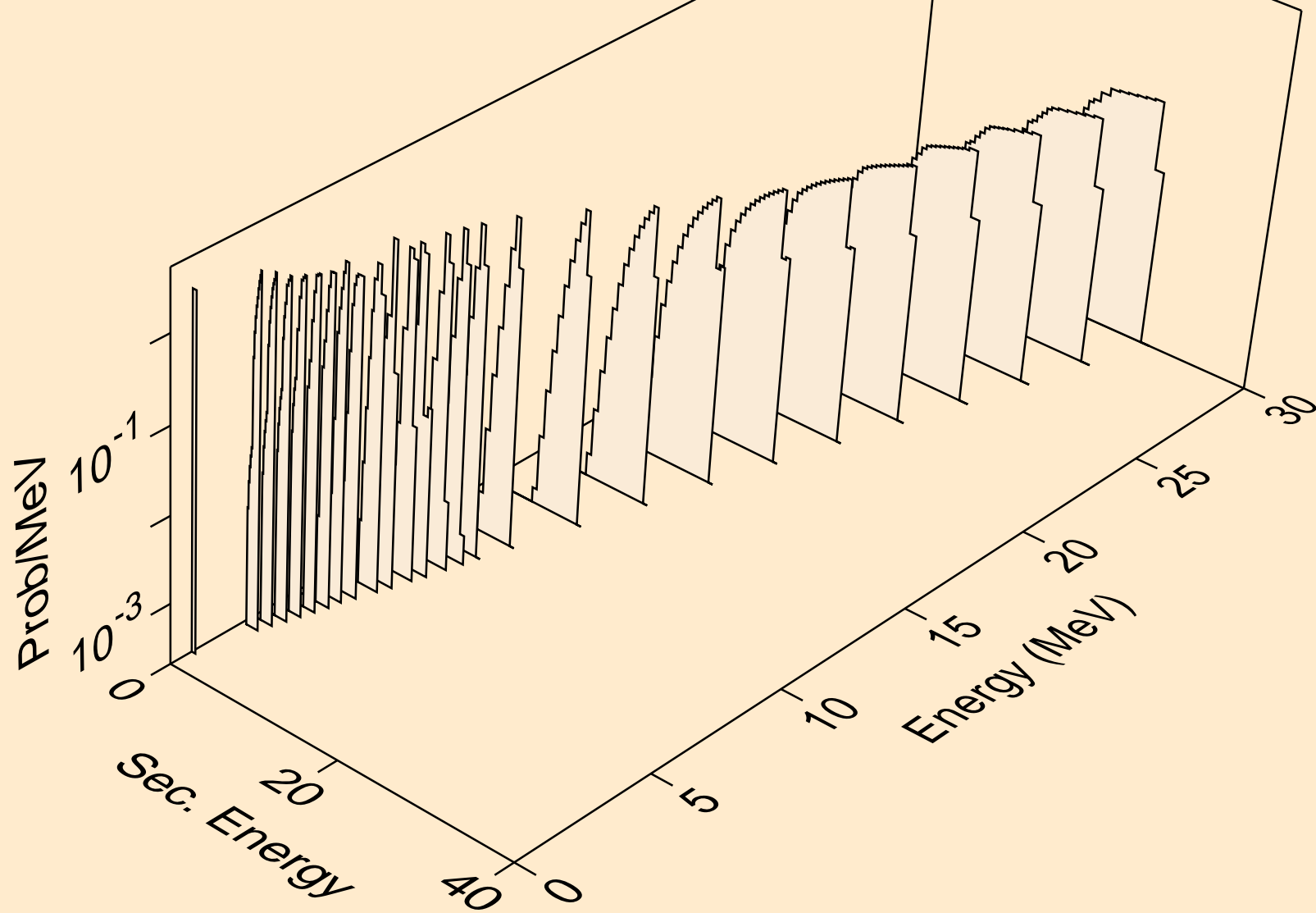
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,2nd)



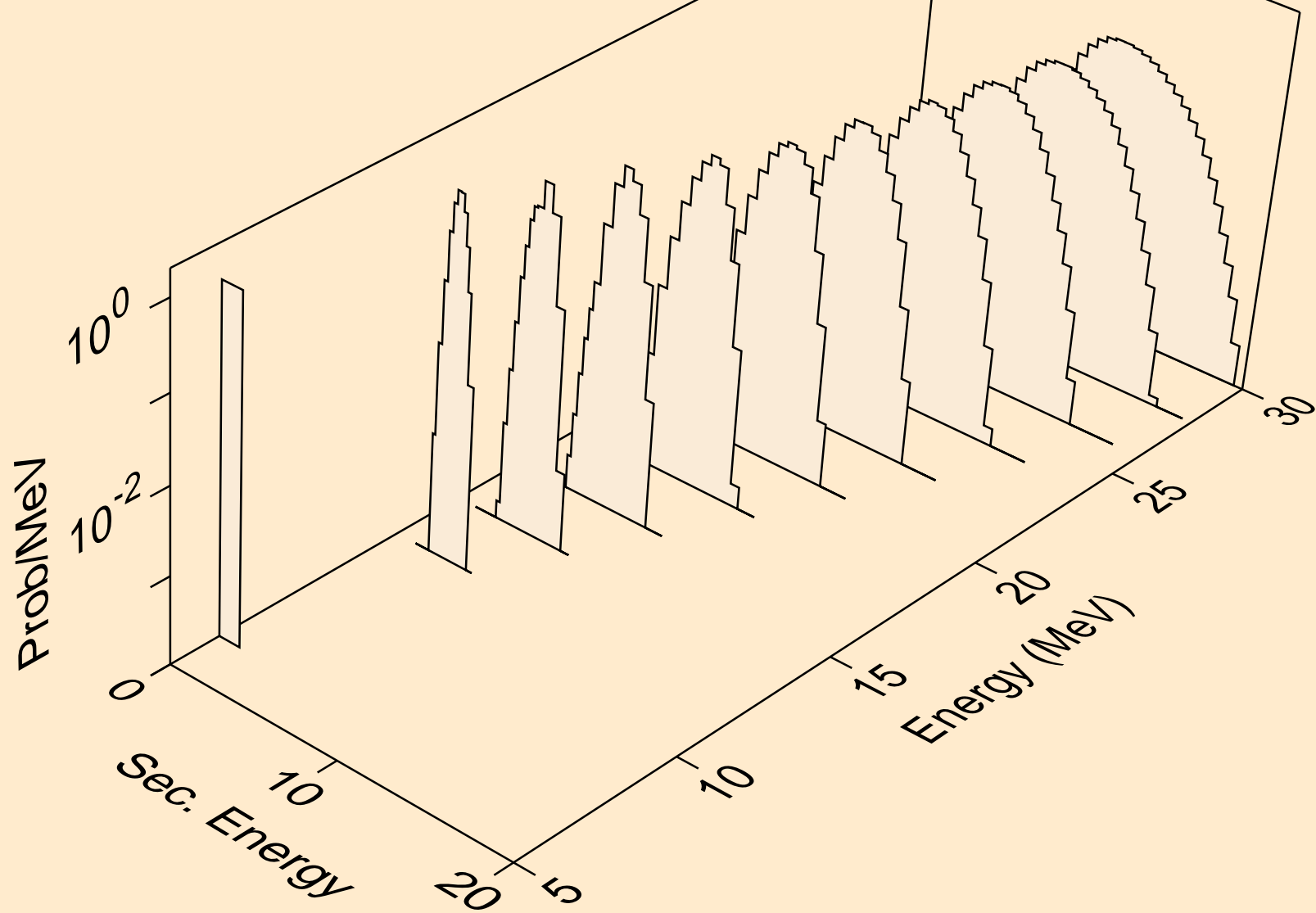
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,n*)d



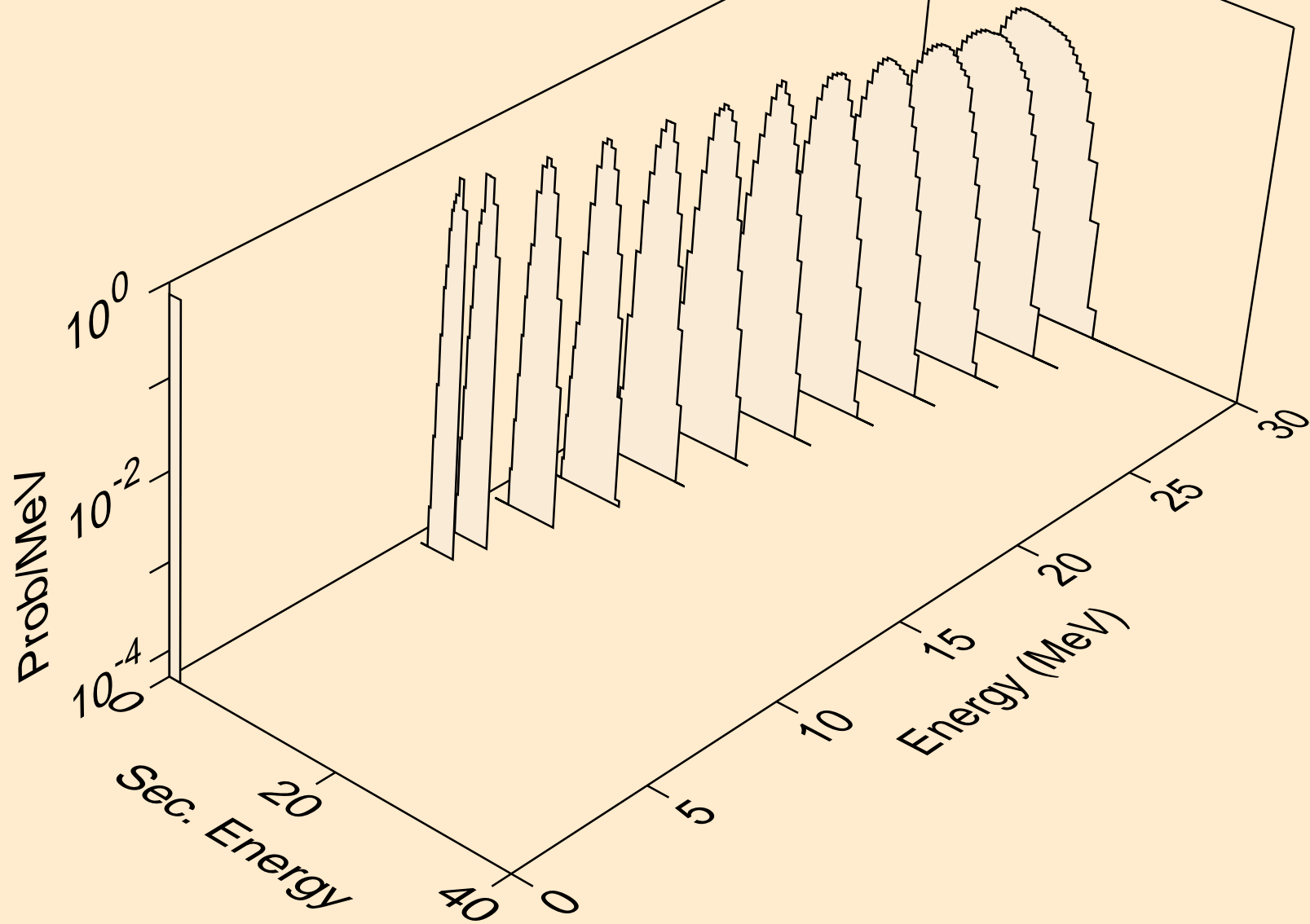
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,d)



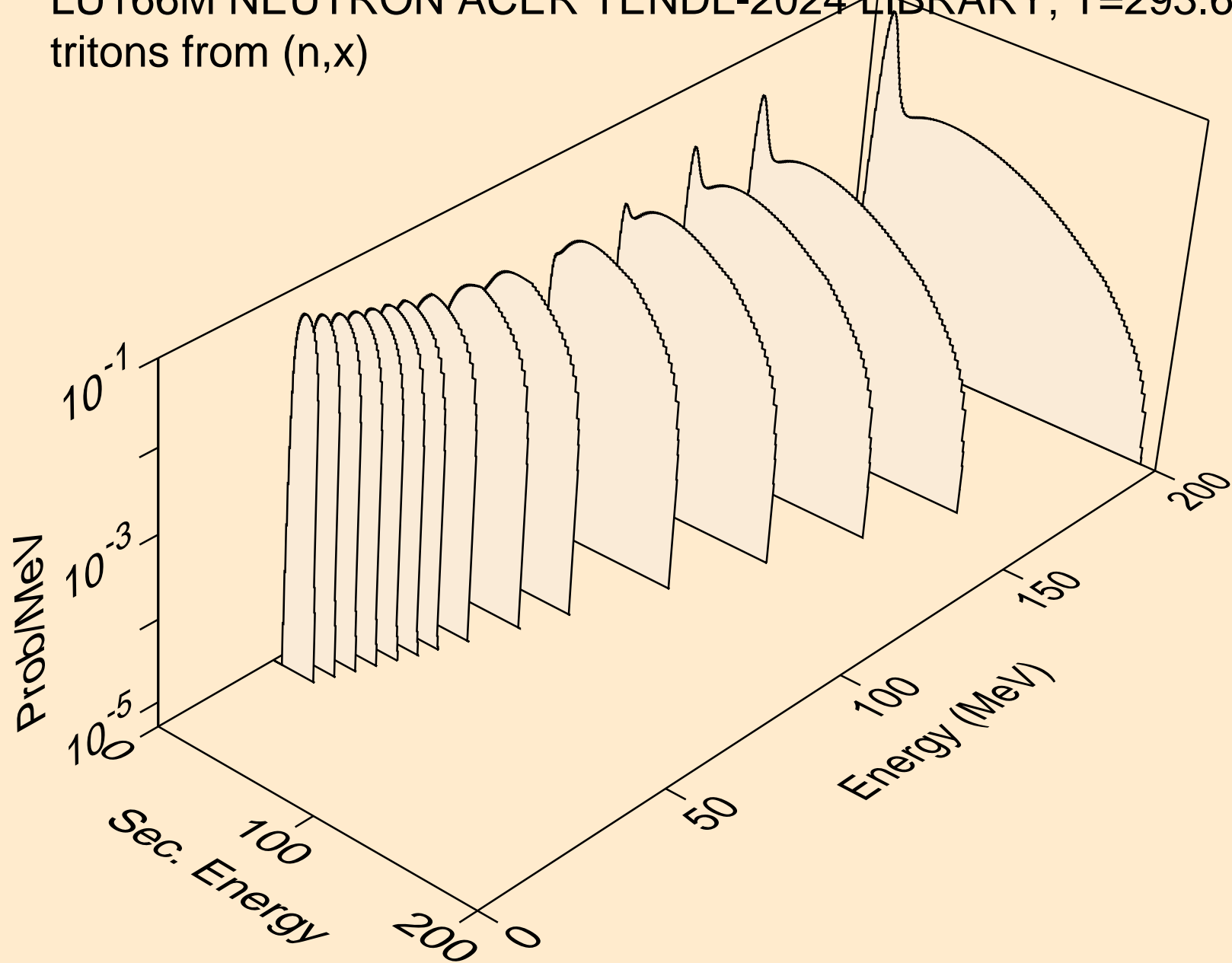
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,pd)



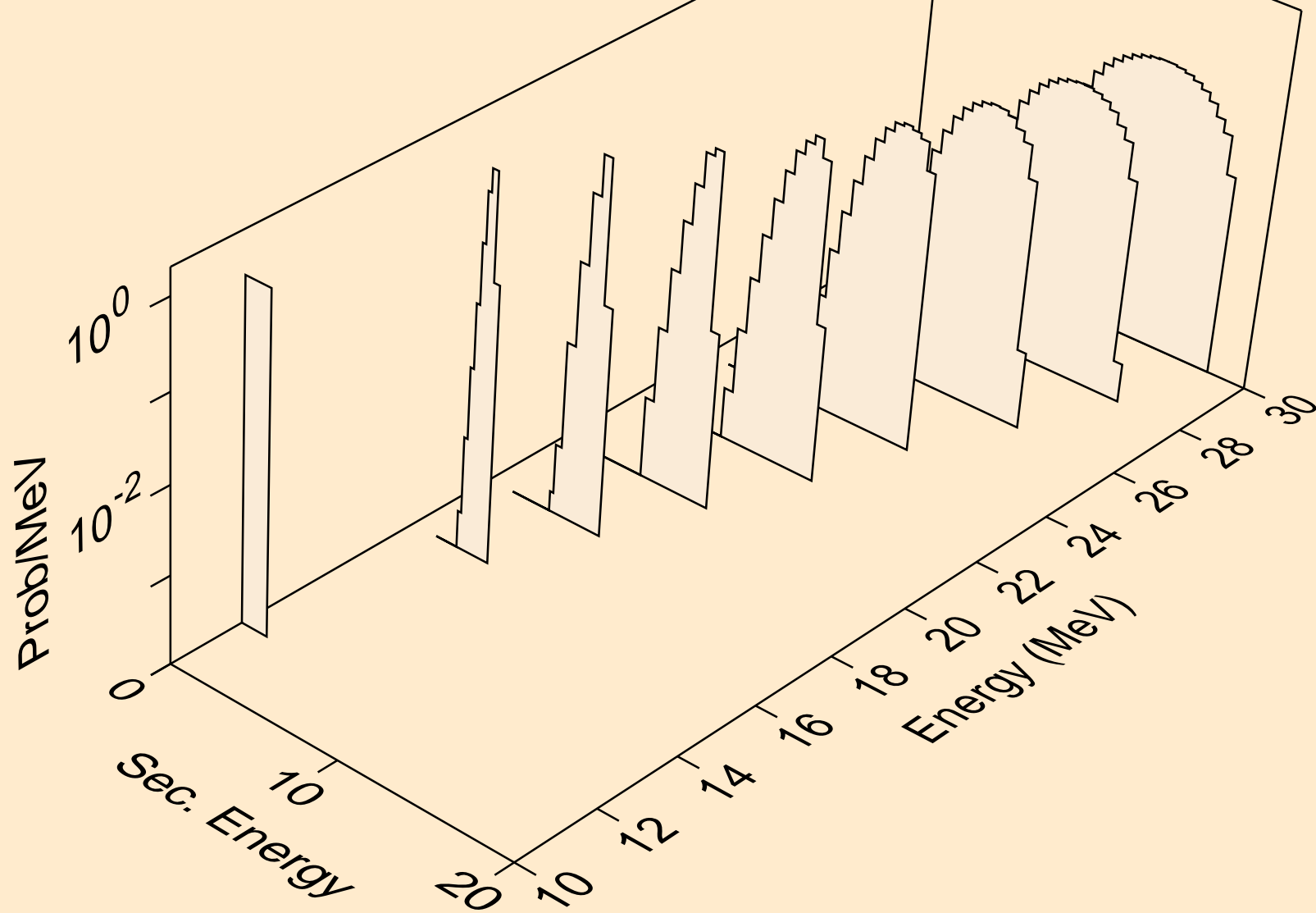
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
deuterons from (n,da)



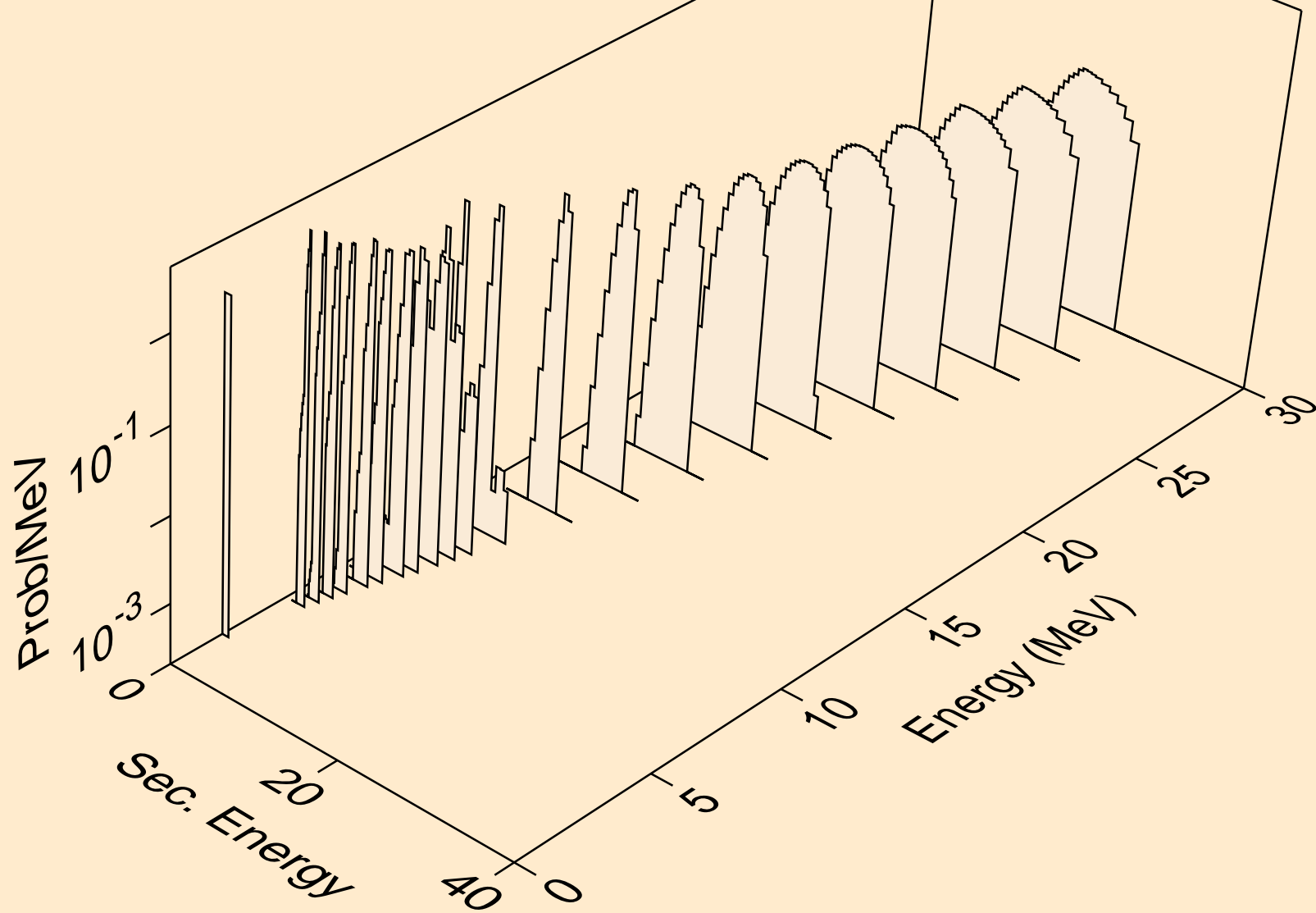
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,x)



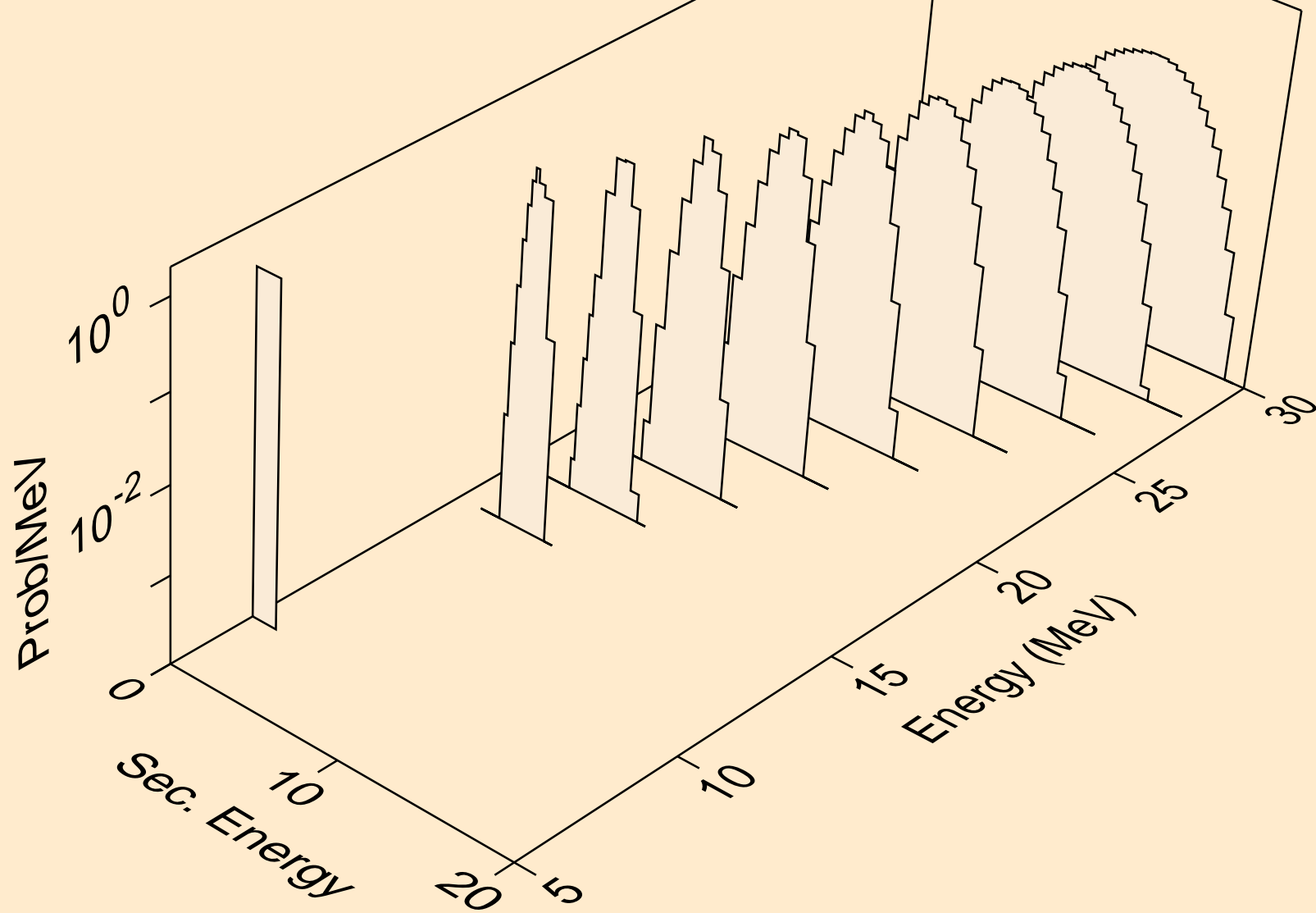
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,n*)t



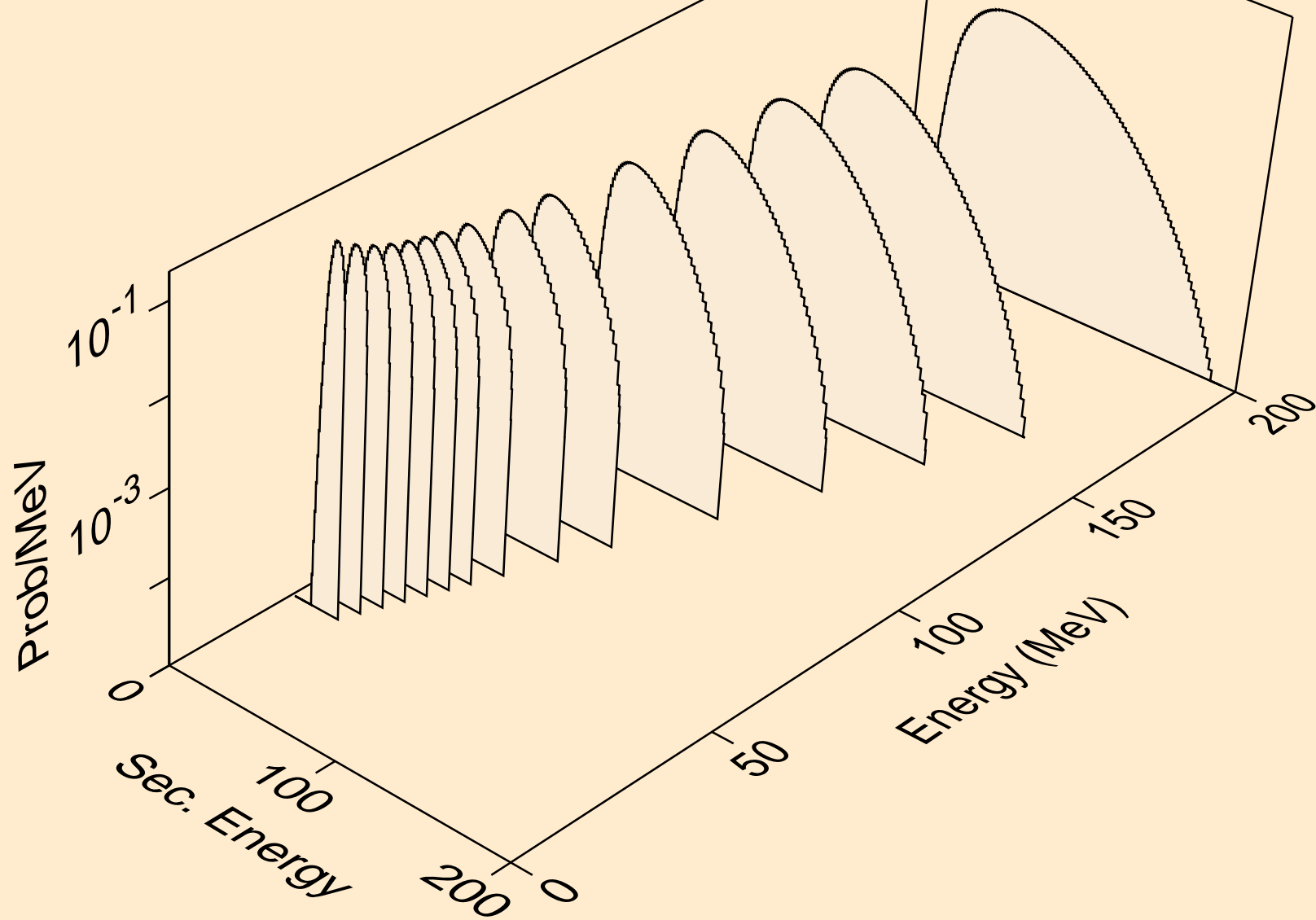
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,t)



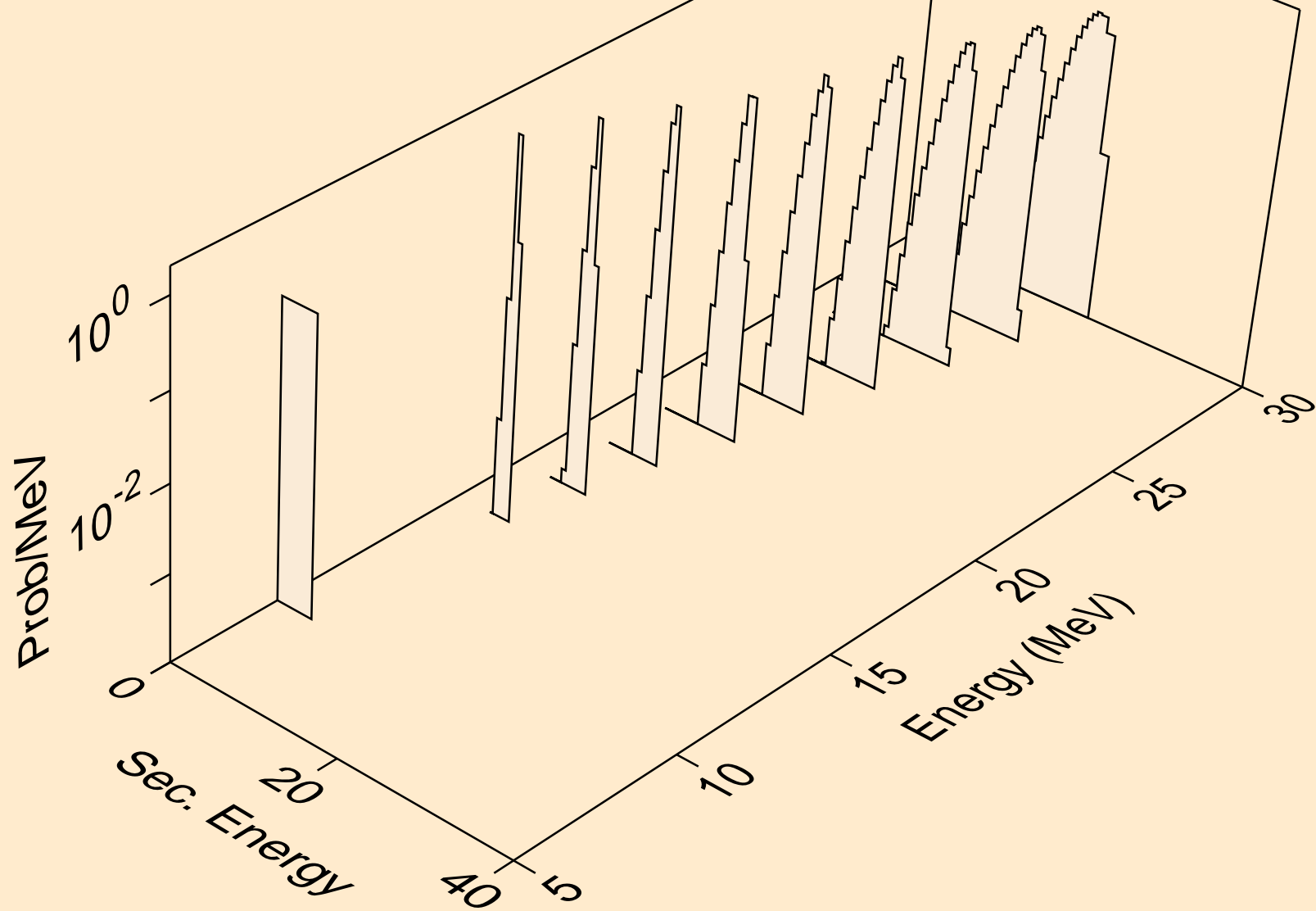
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
tritons from (n,pt)



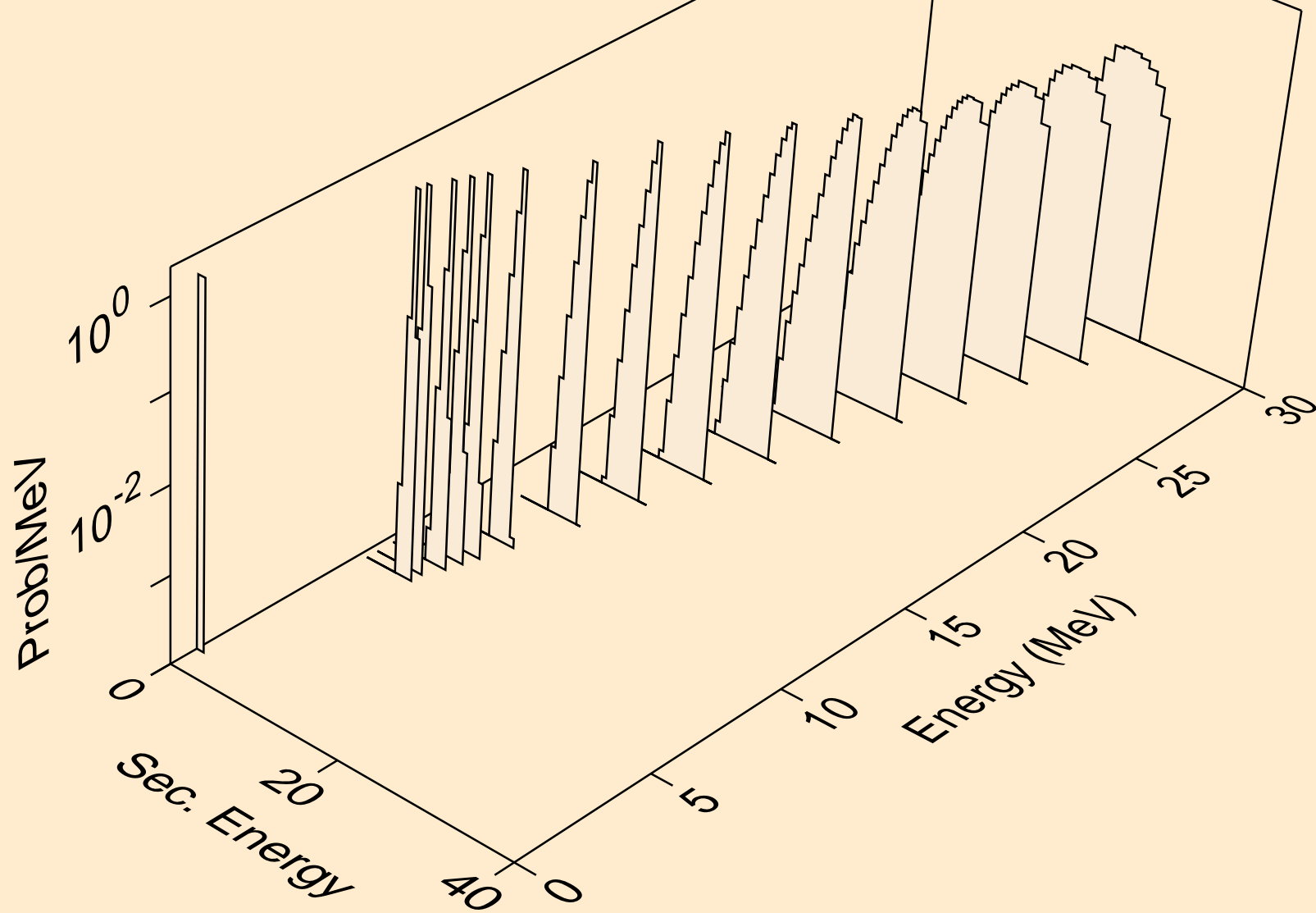
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,x)



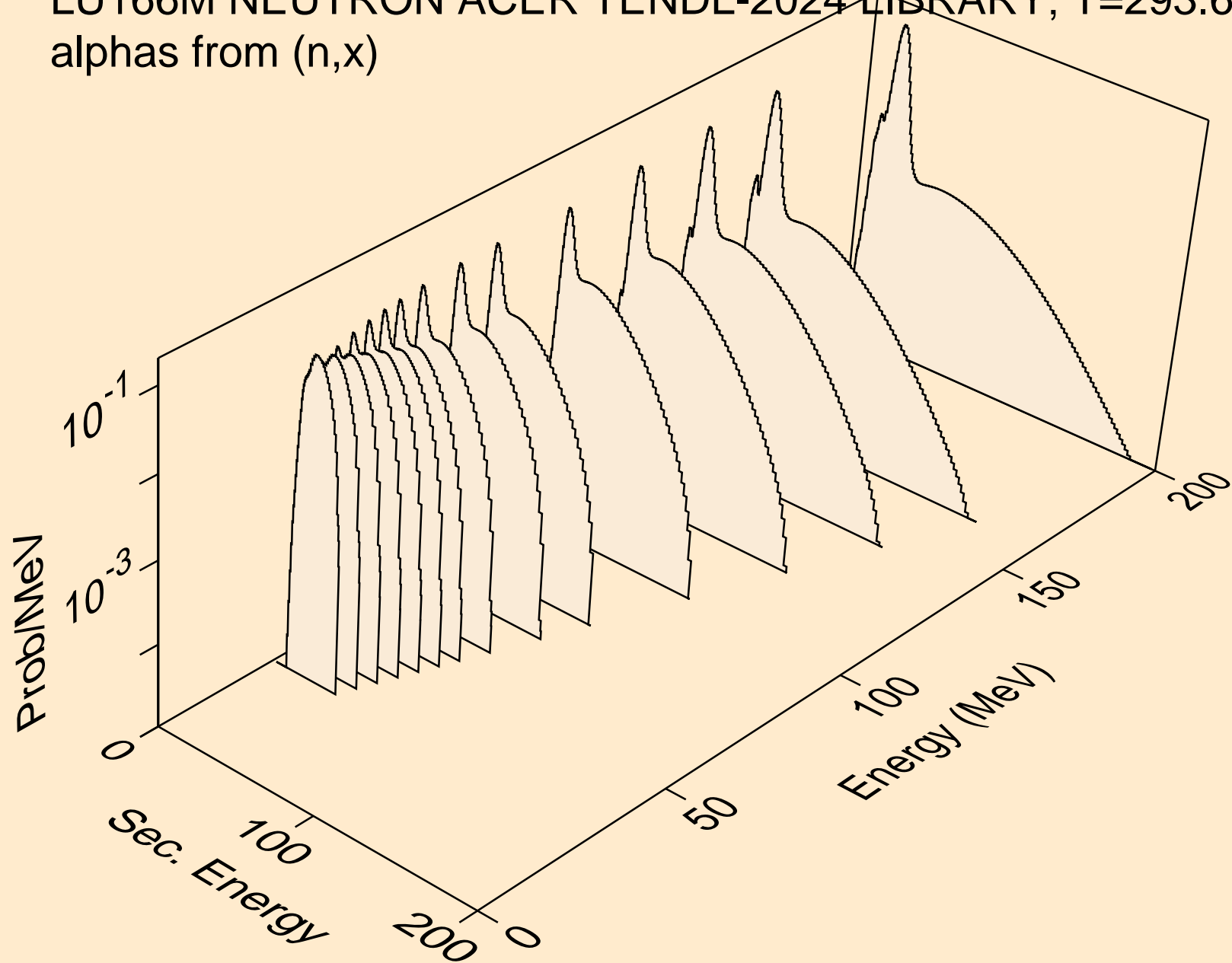
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,n*)he3



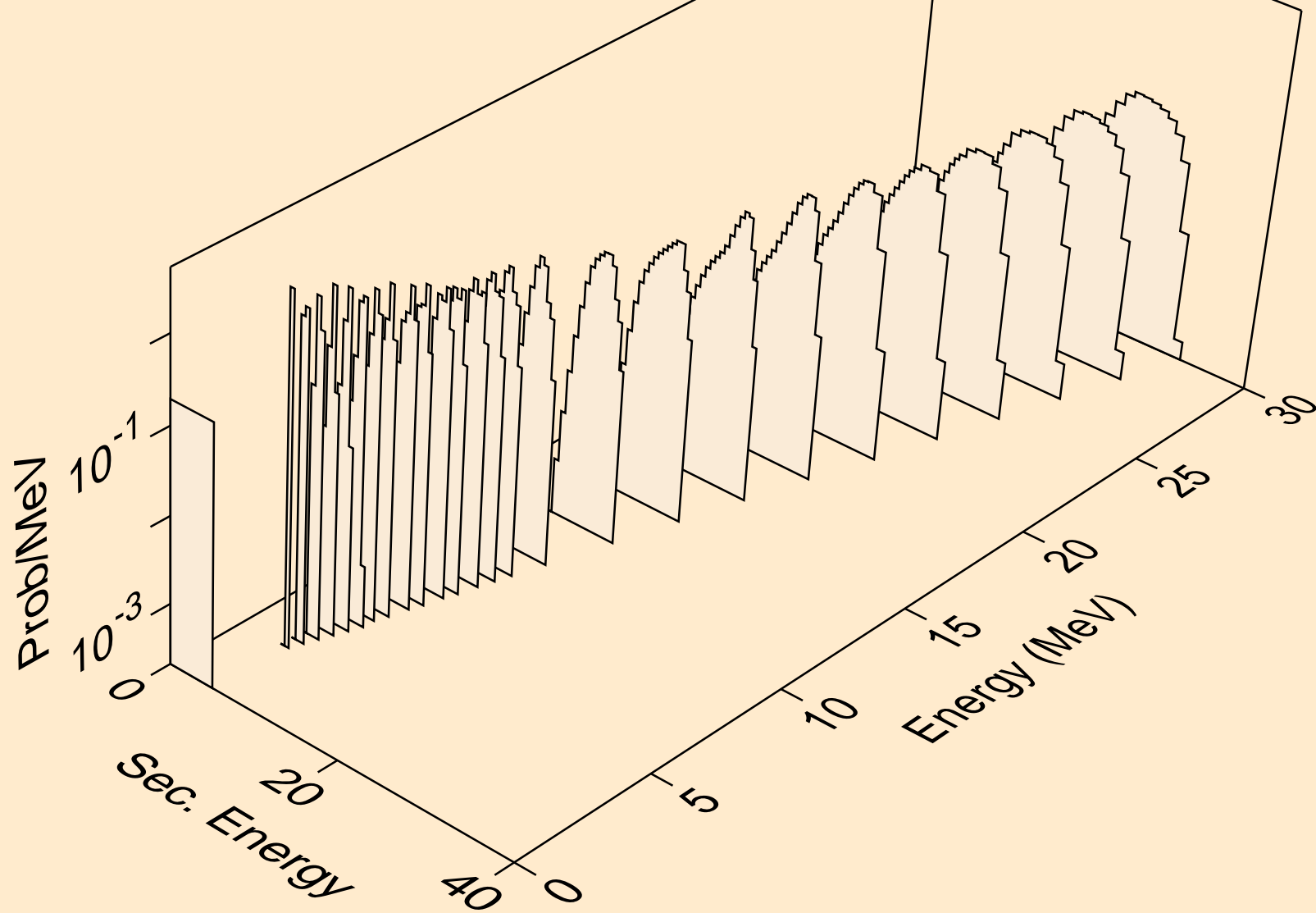
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
he3s from (n,he3)



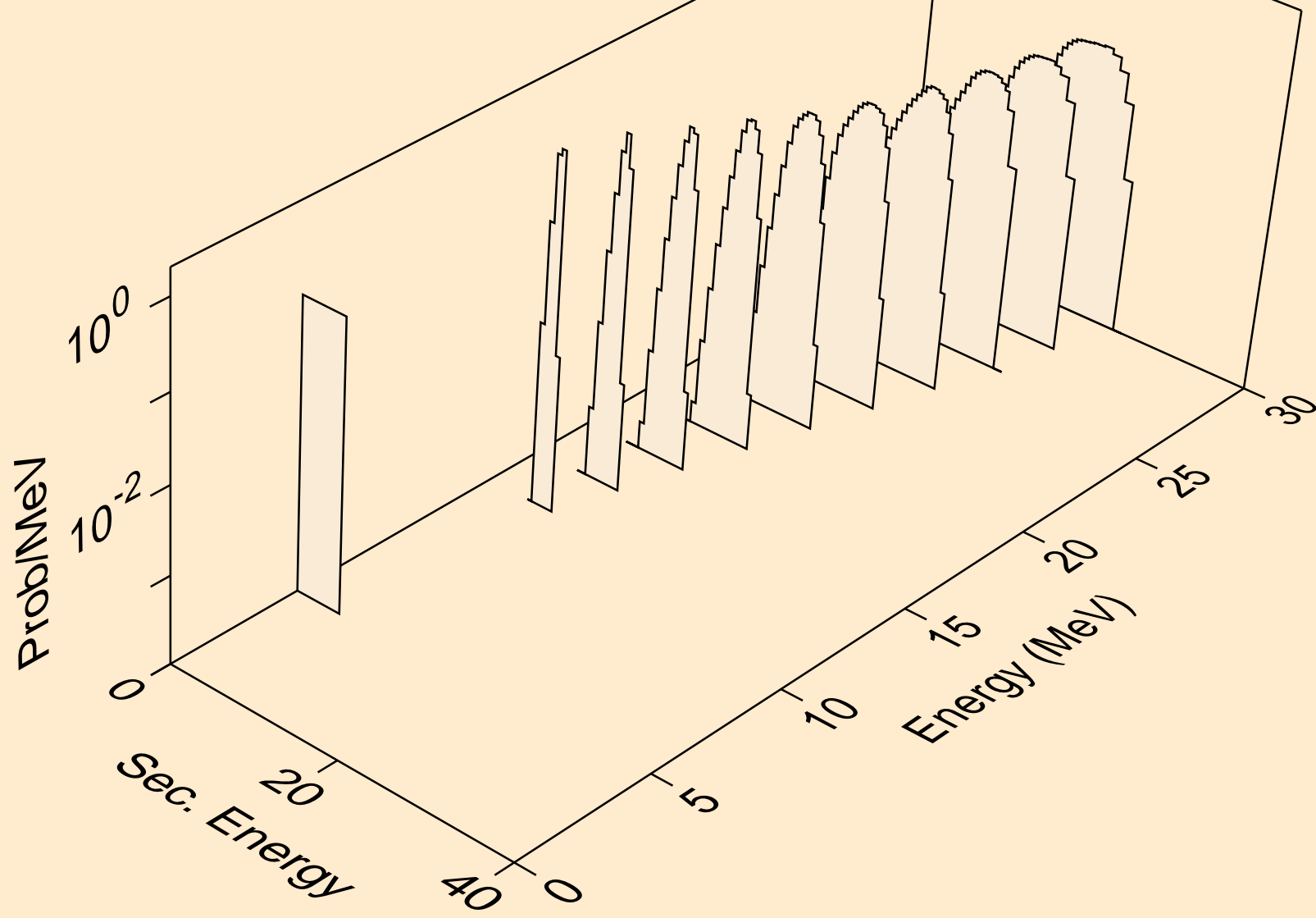
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,x)



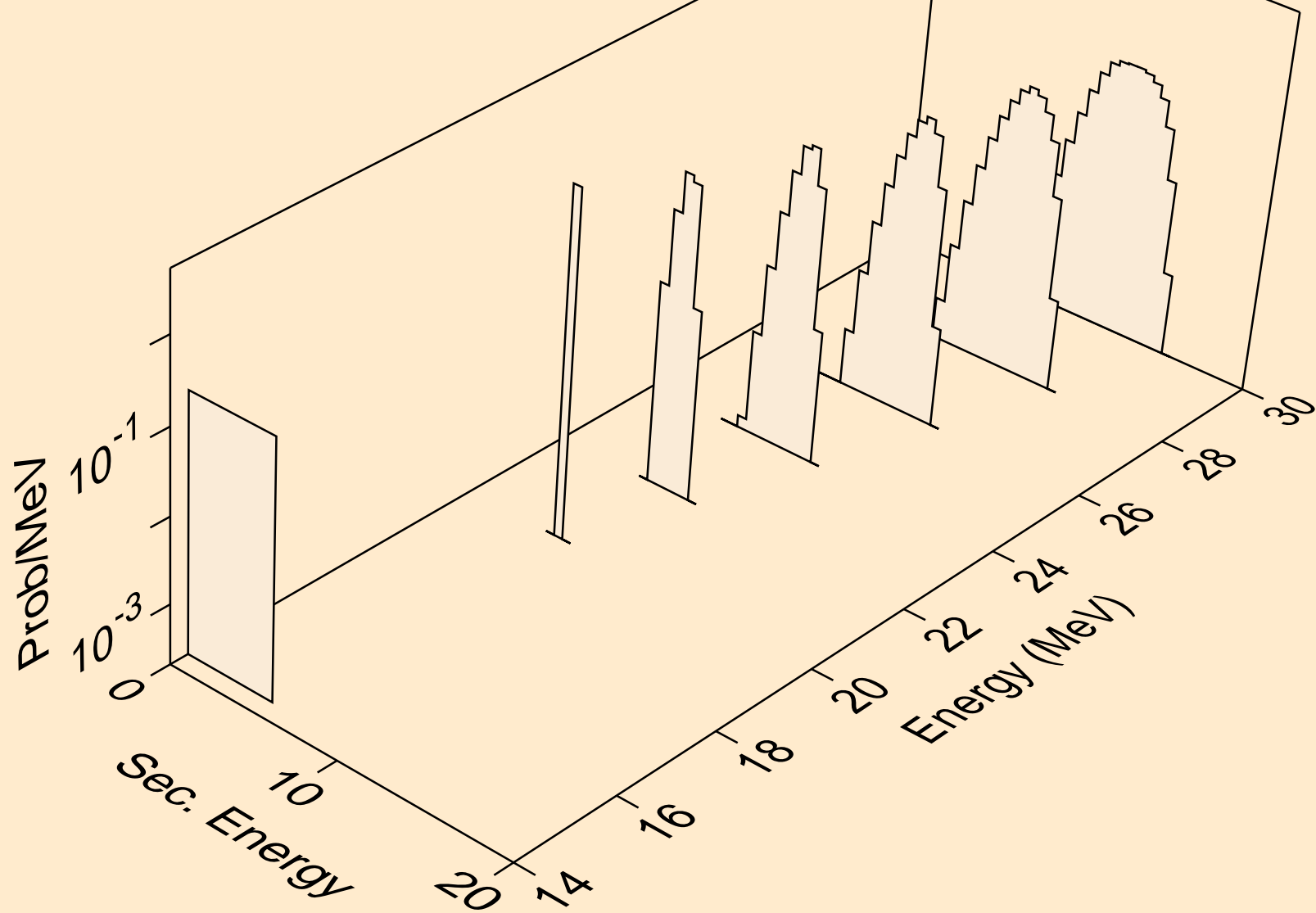
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)a



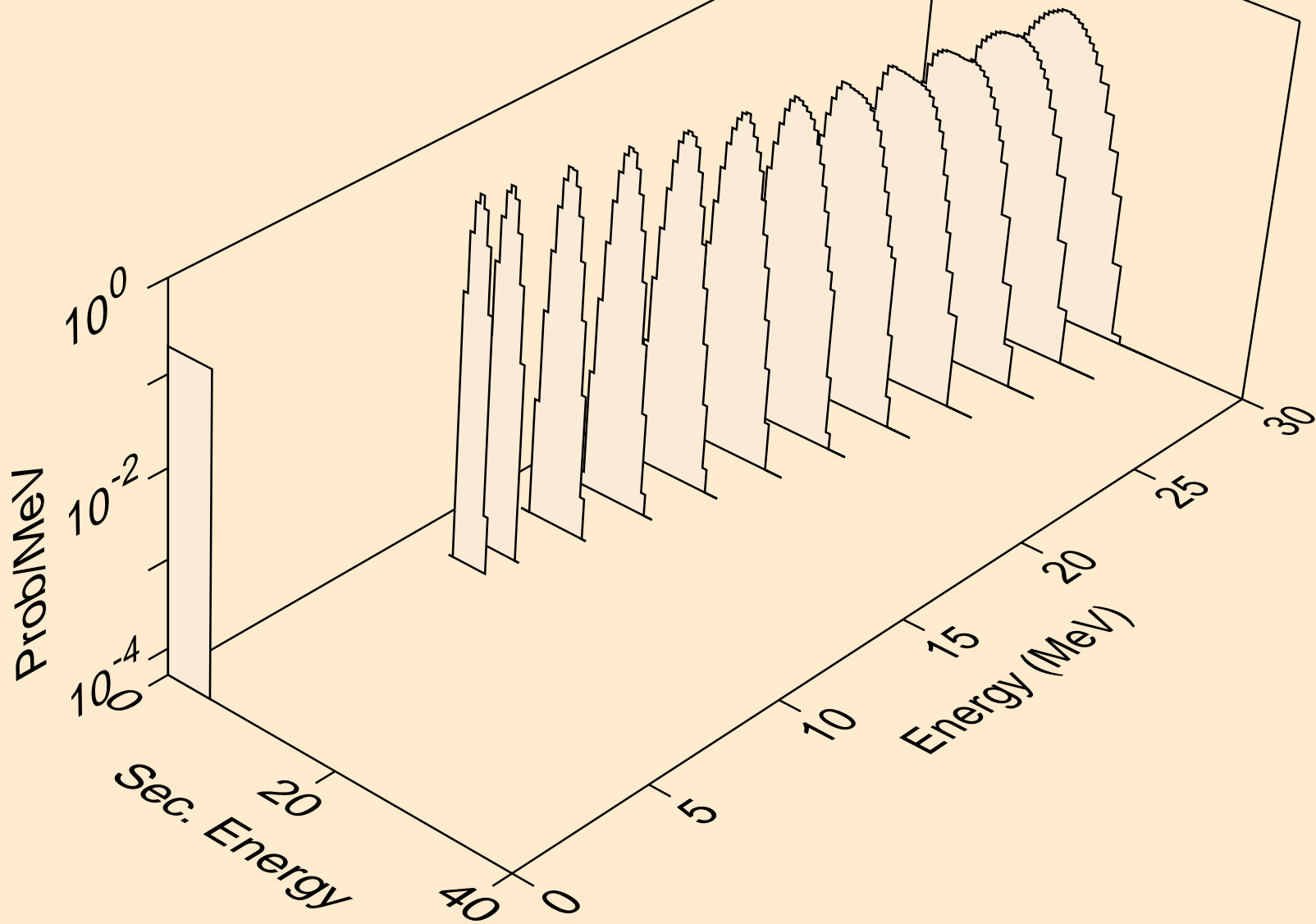
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)a



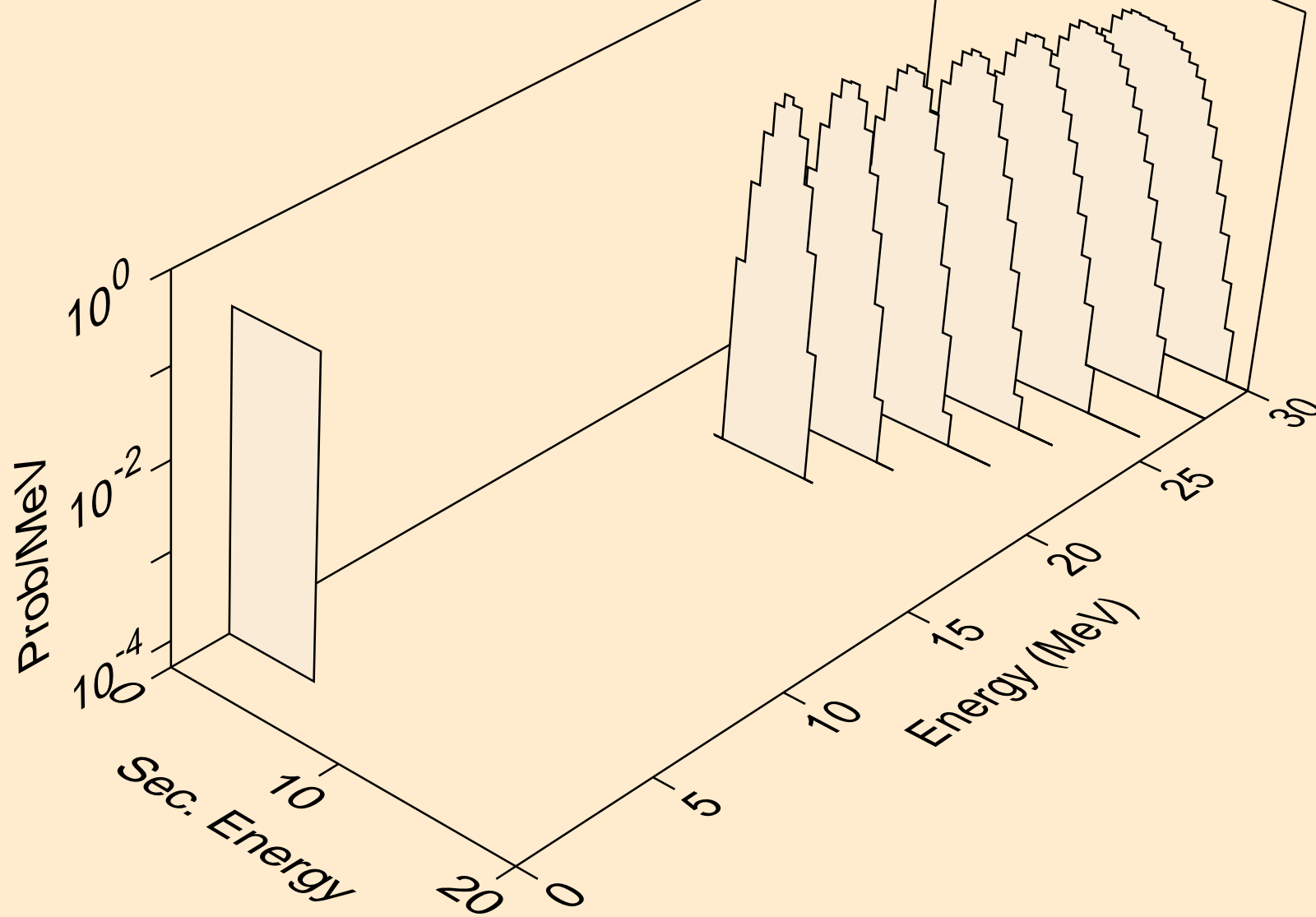
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,3n)a



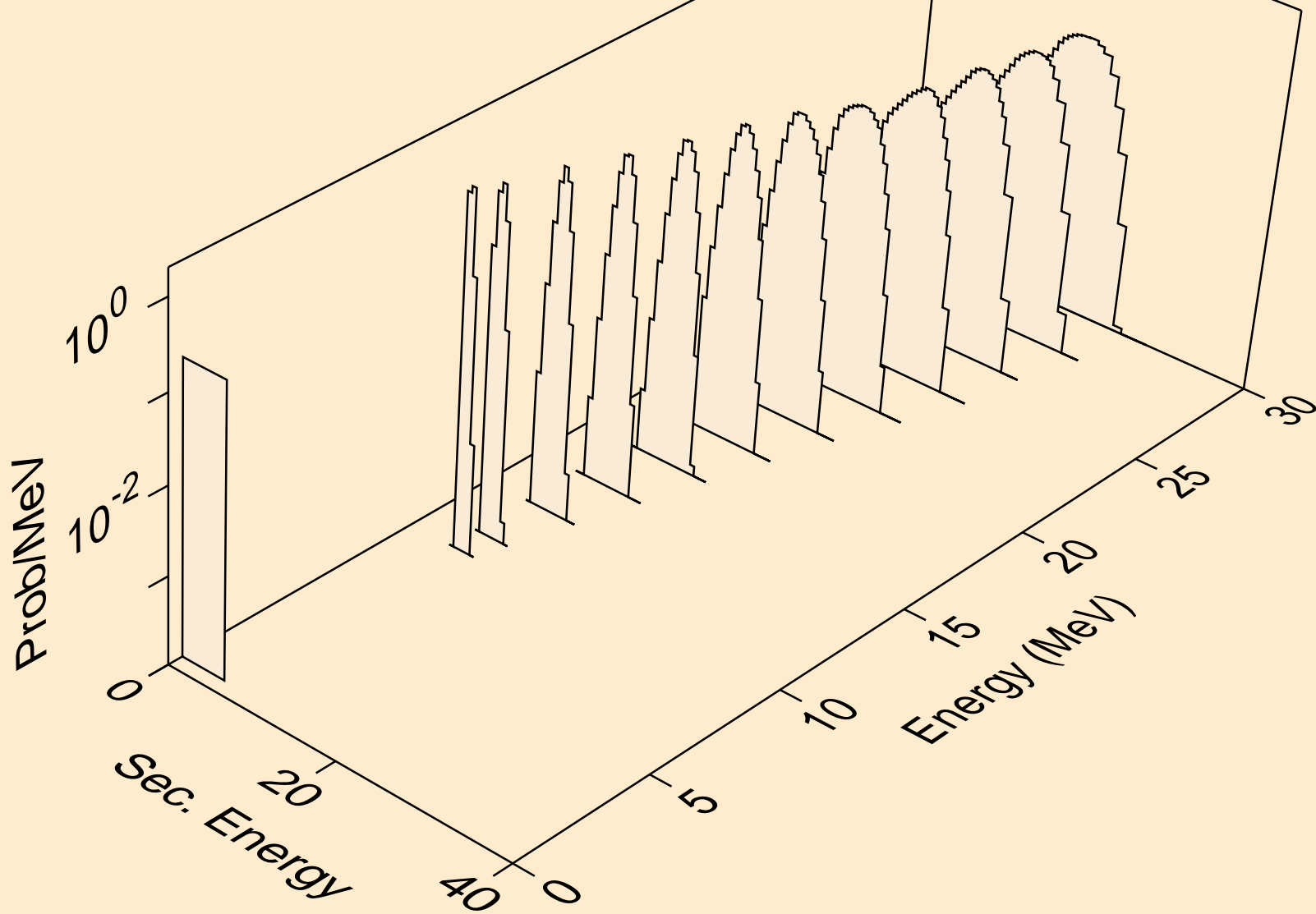
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,n*)2a



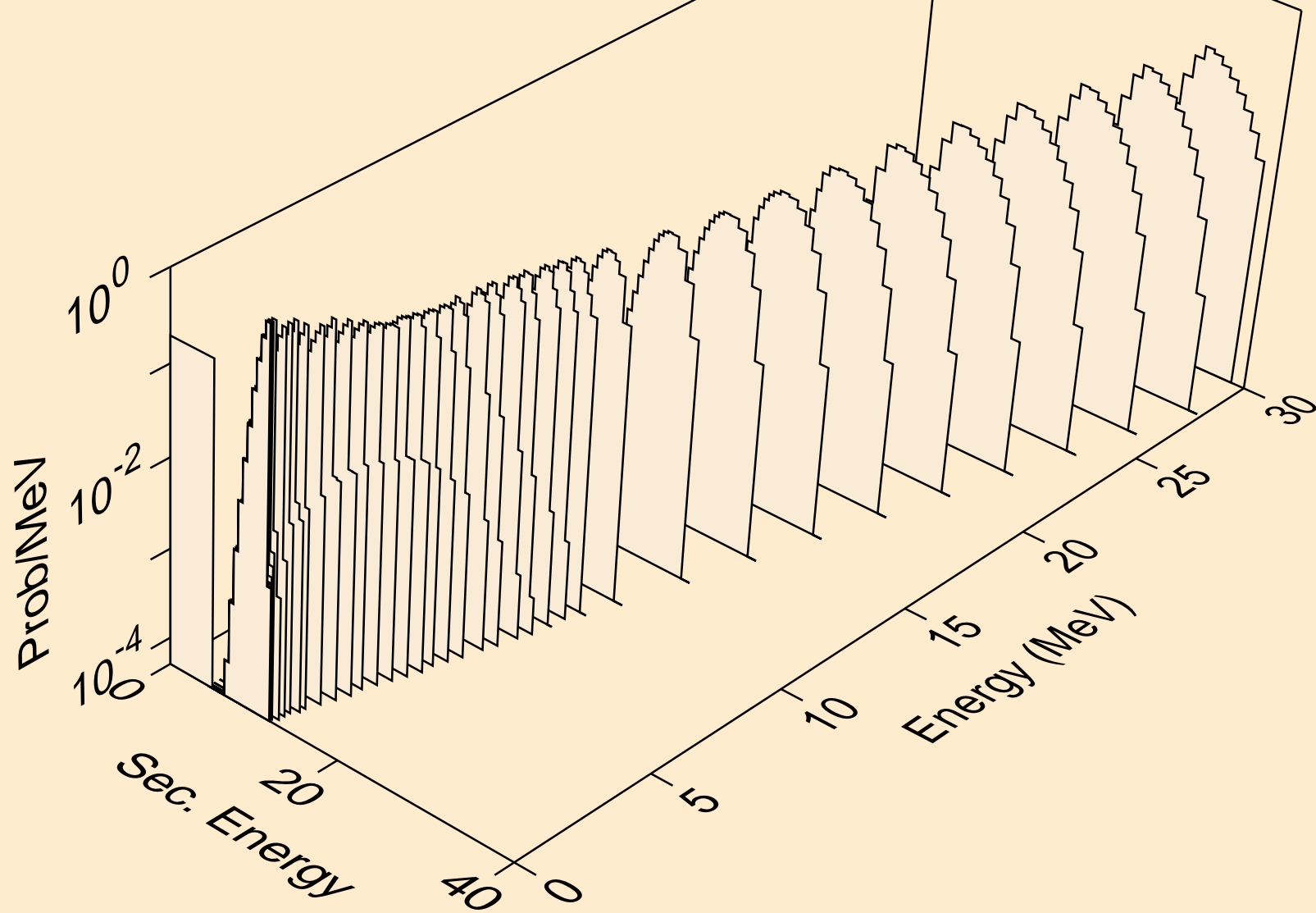
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2n)2a



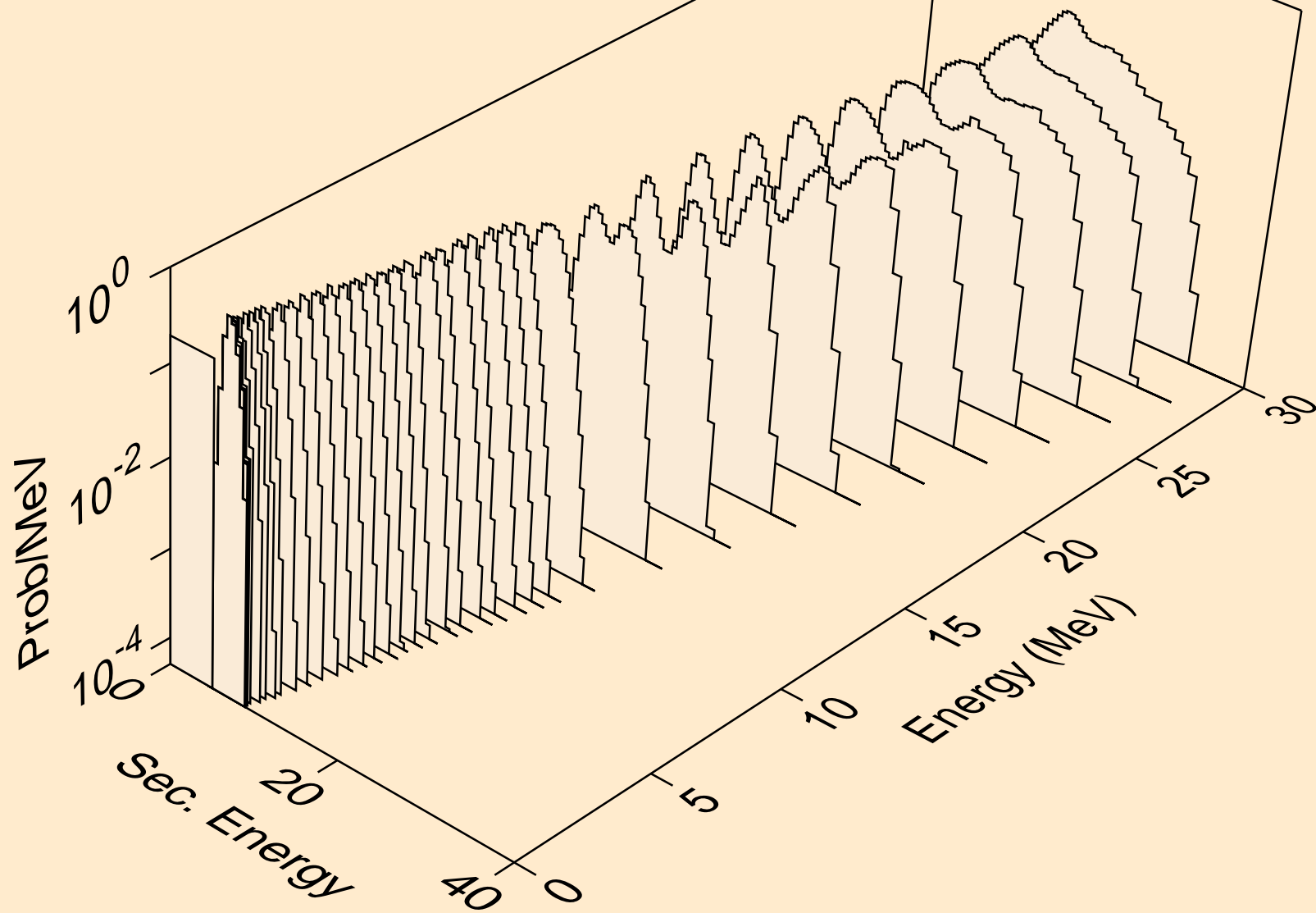
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,npa)



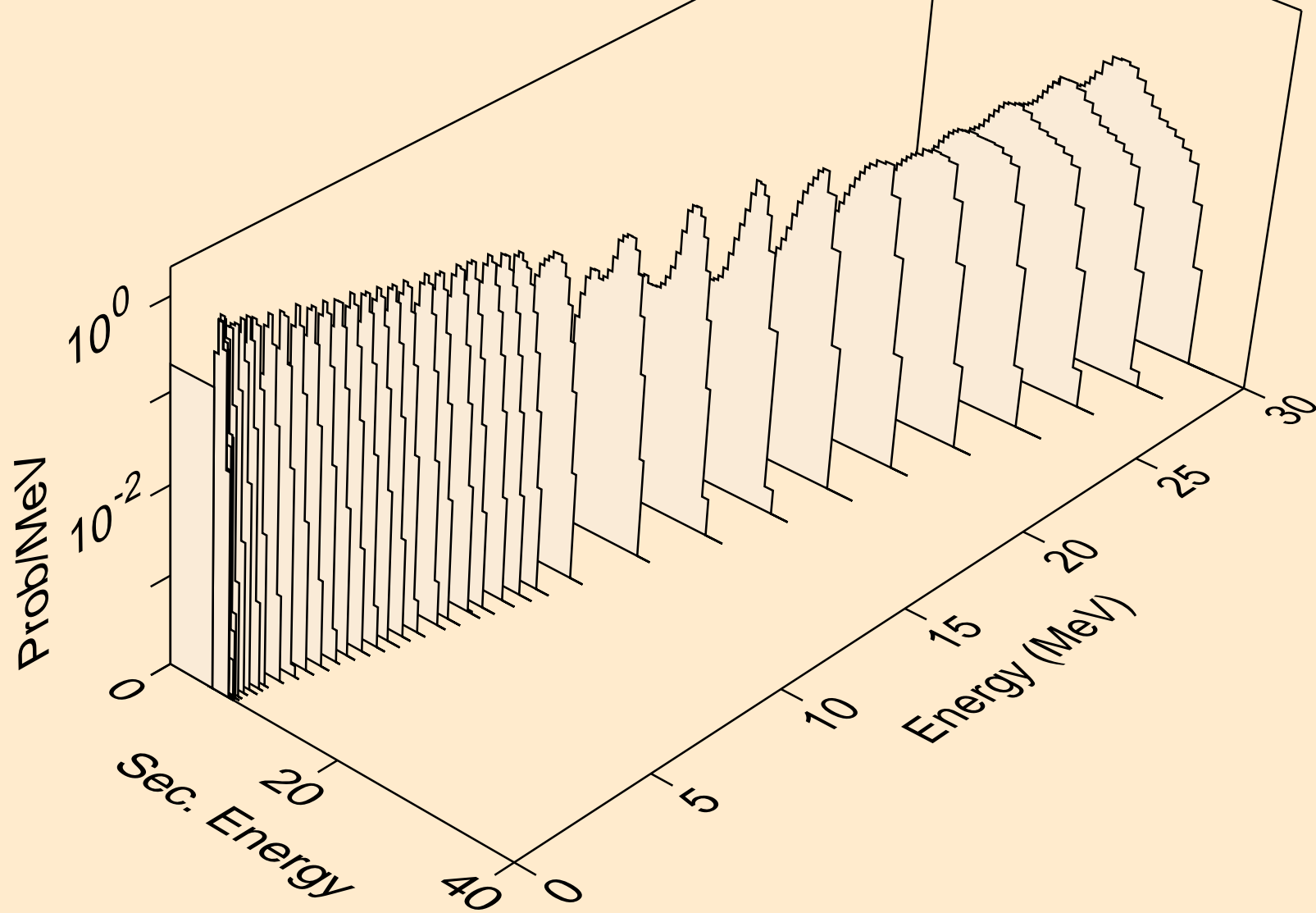
LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,a)



LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,2a)



LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,pa)



LU166M NEUTRON ACER TENDL-2024 LIBRARY; T=293.6K
alphas from (n,da)

