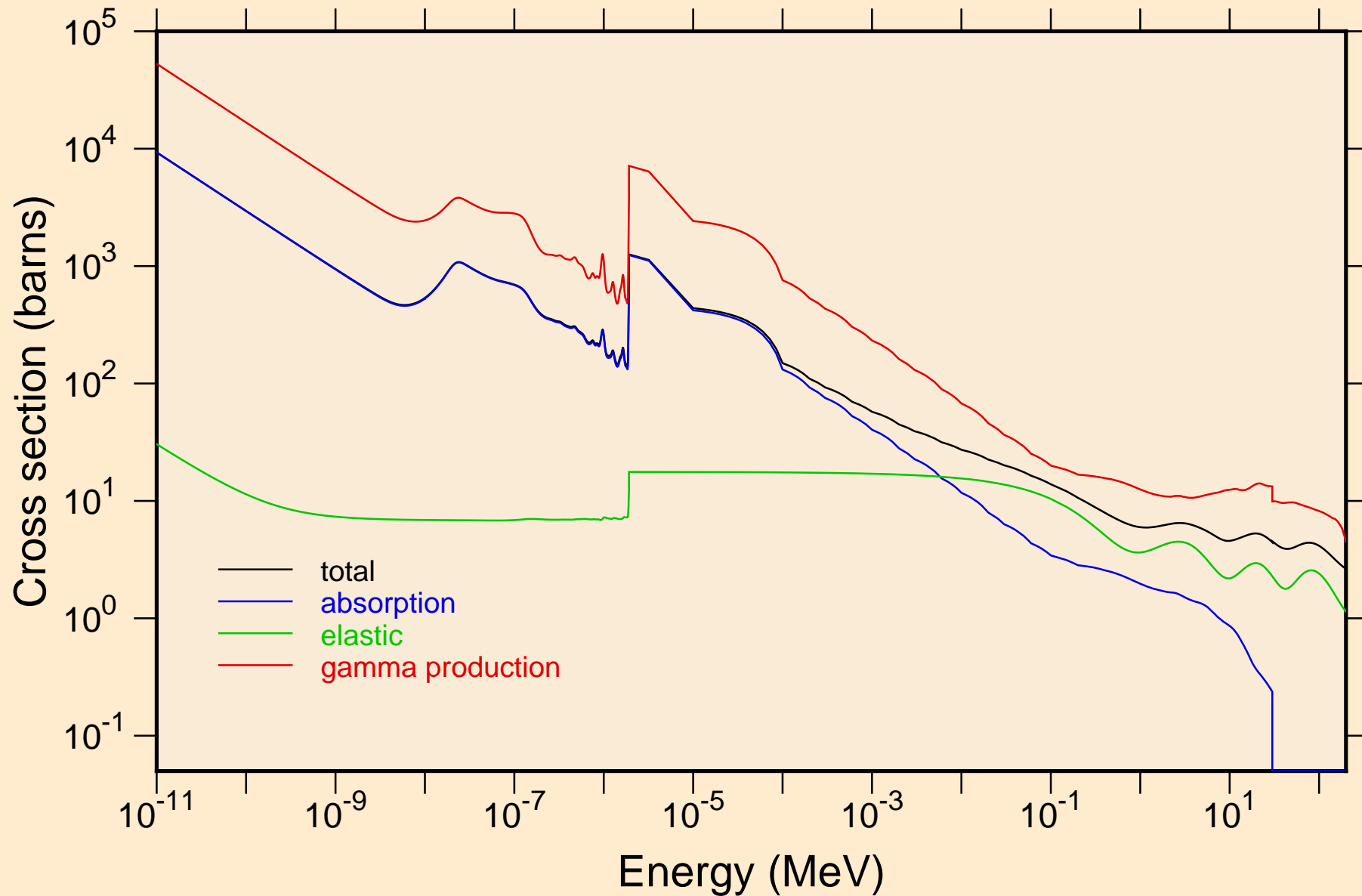
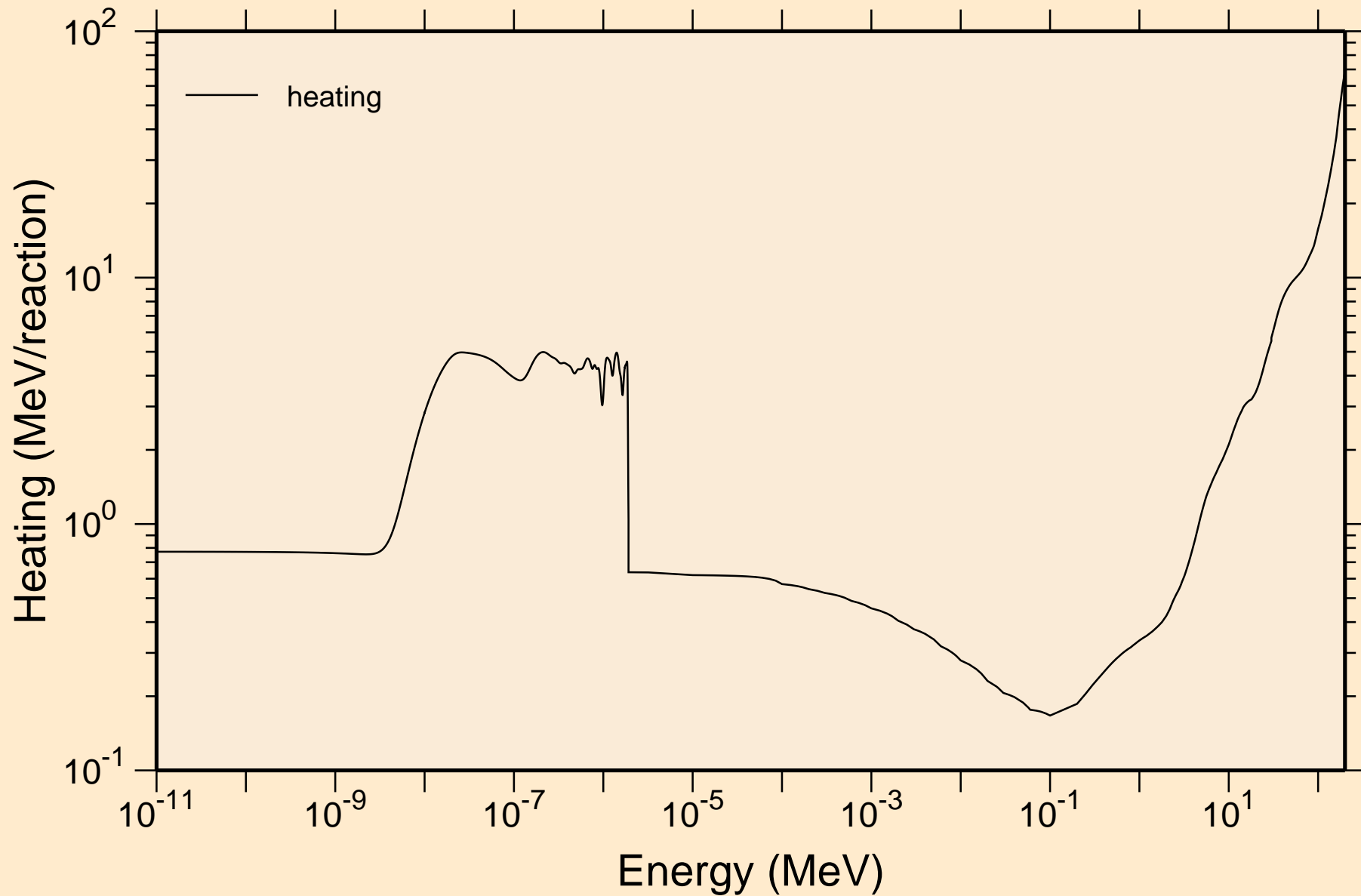


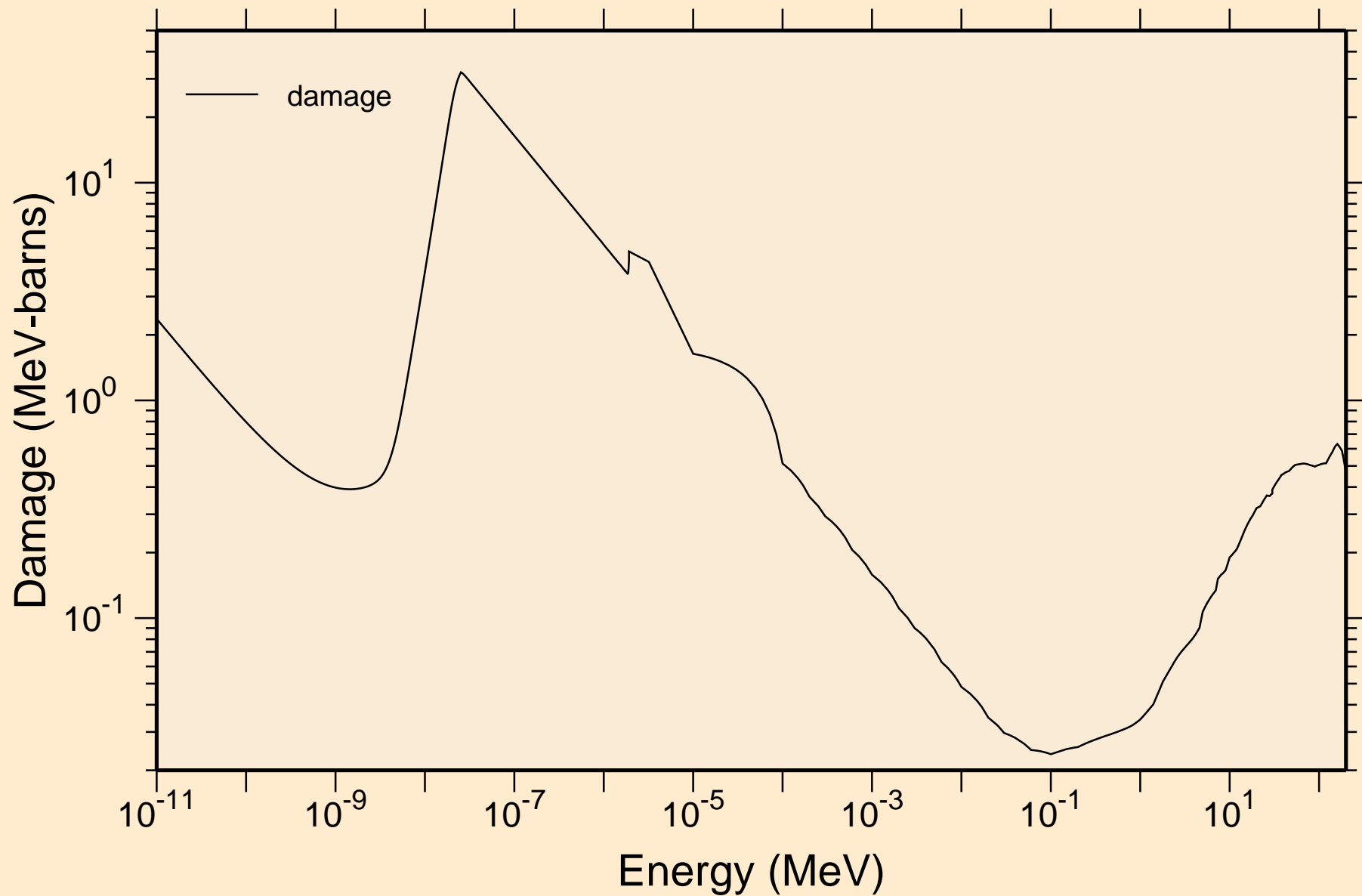
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



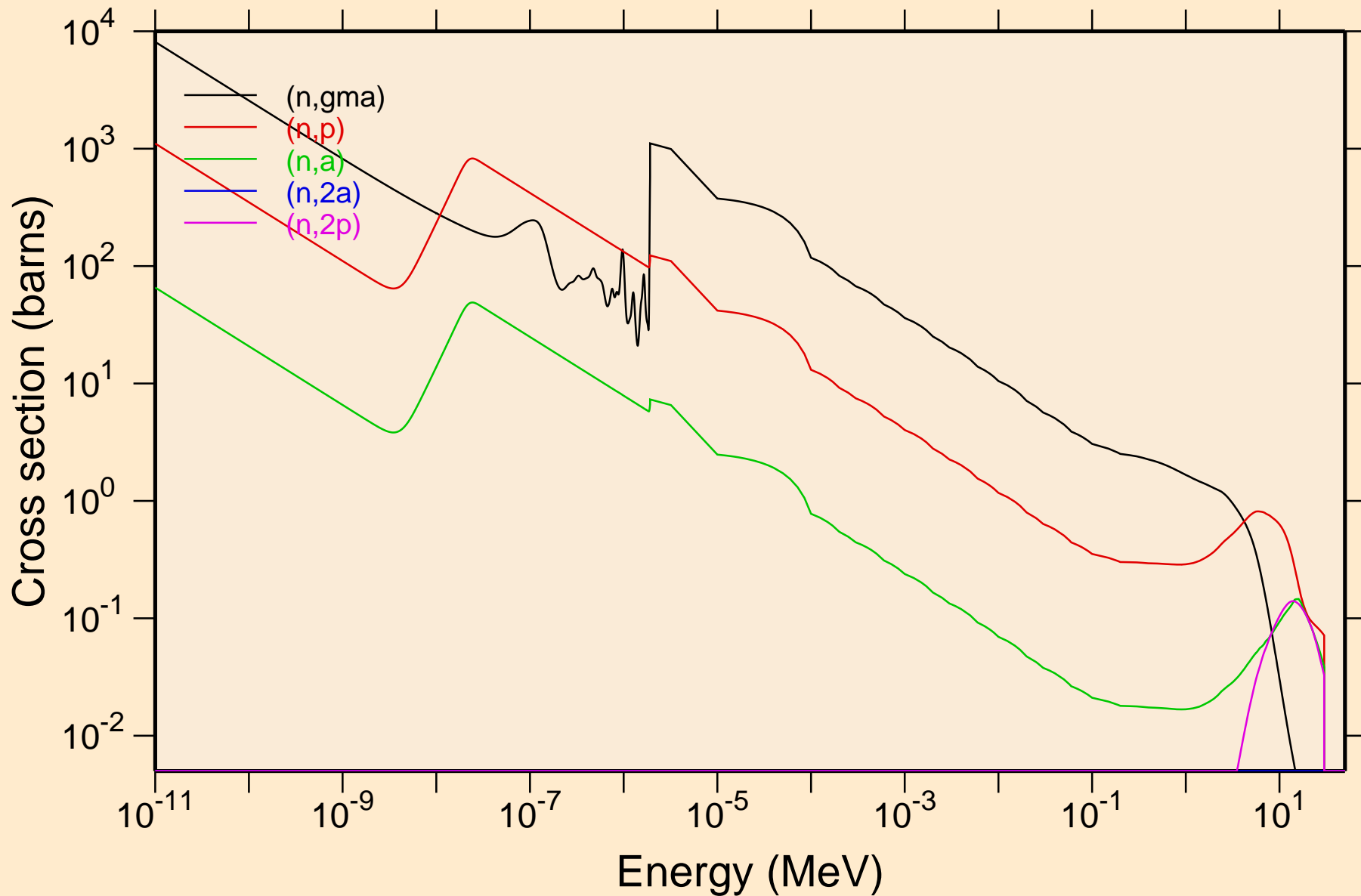
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



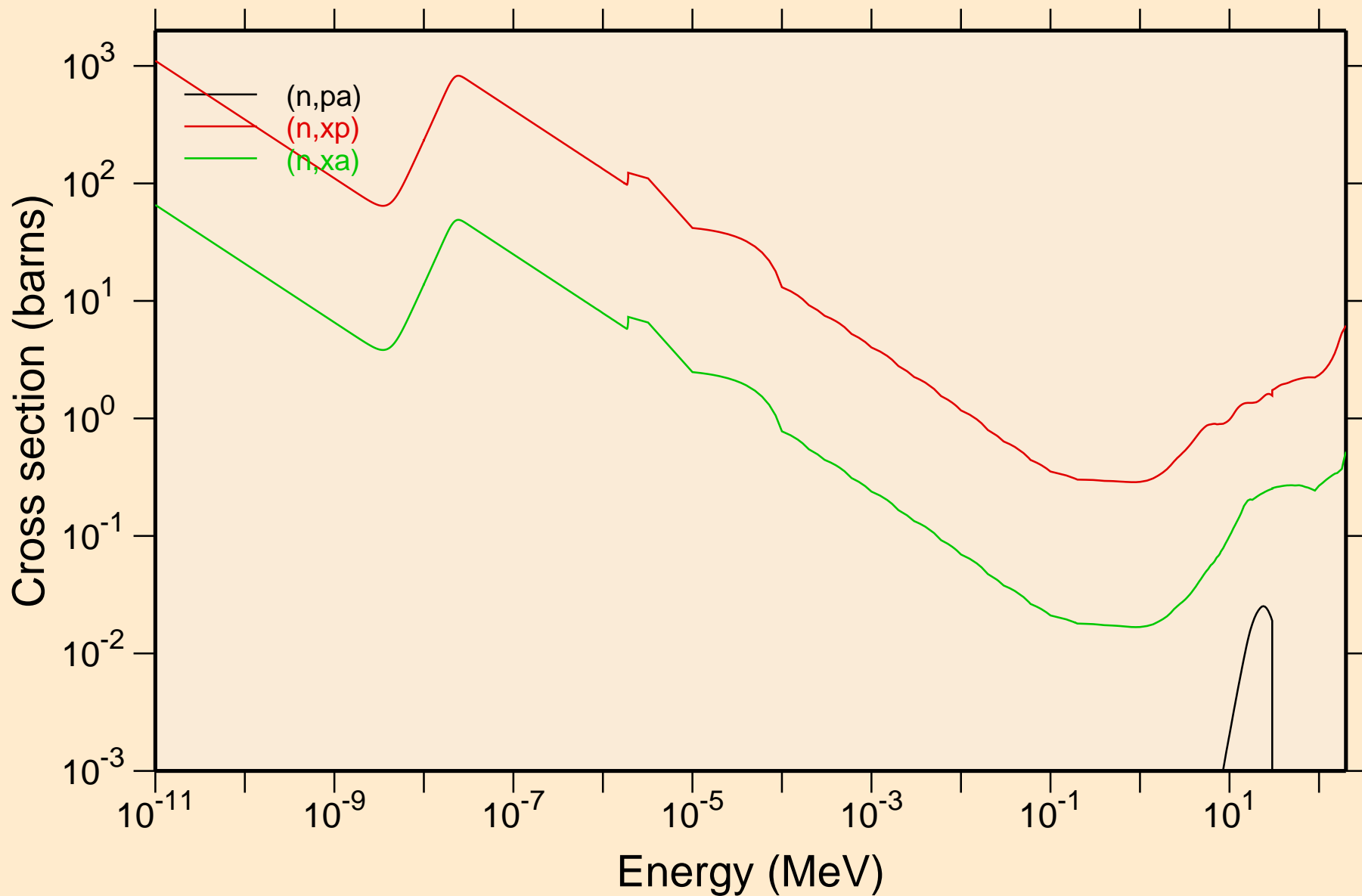
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

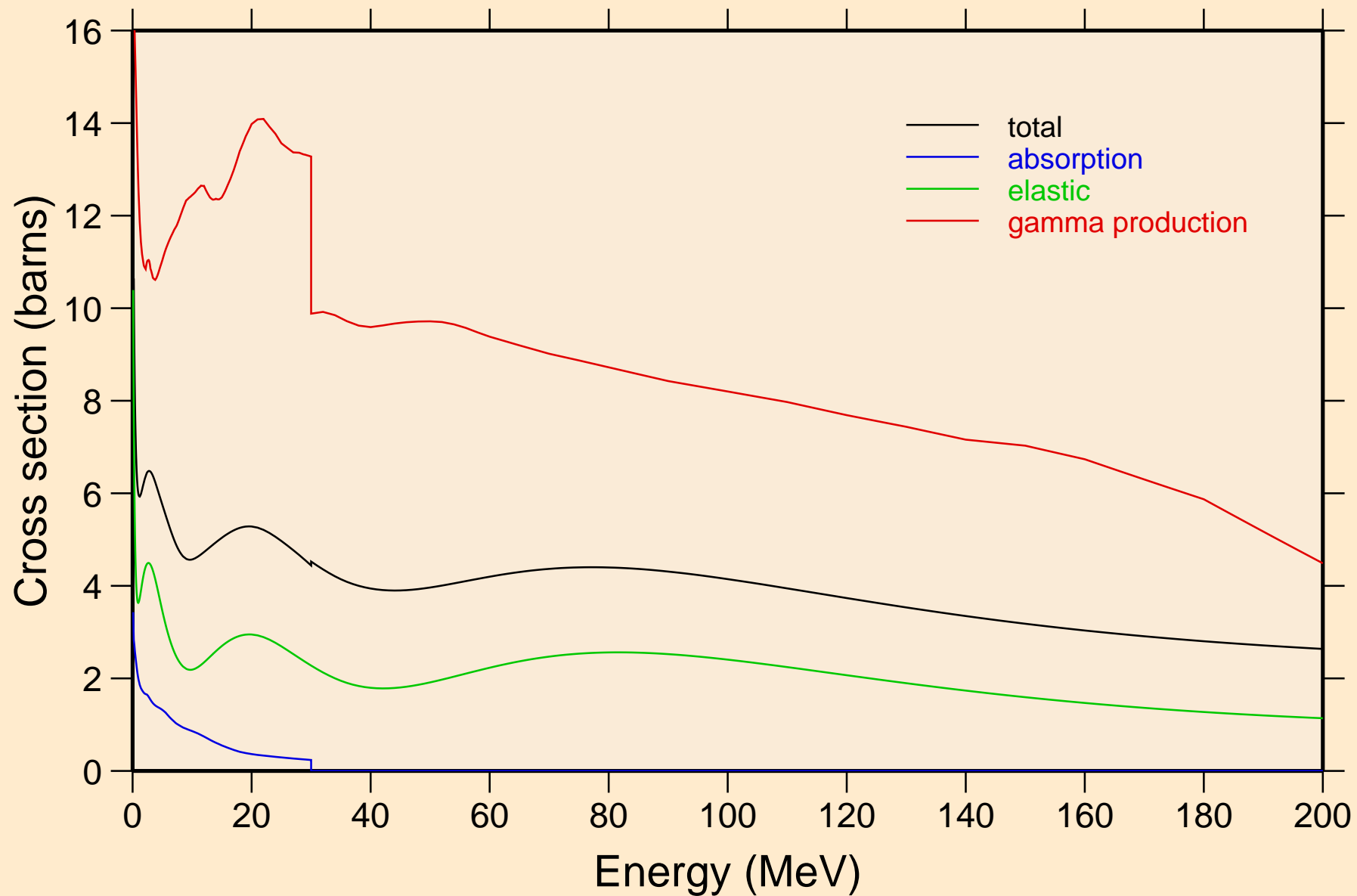


OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

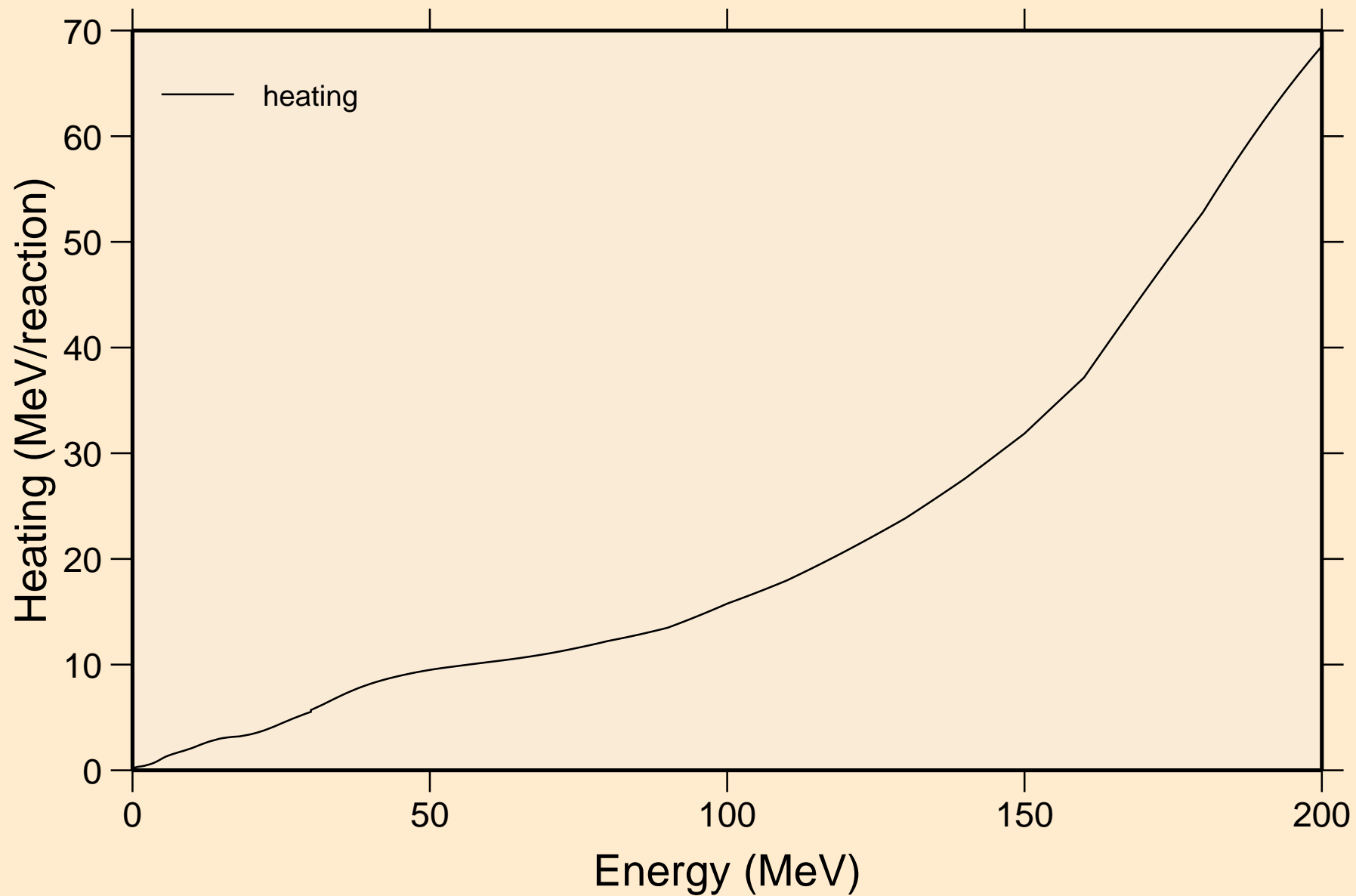


OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

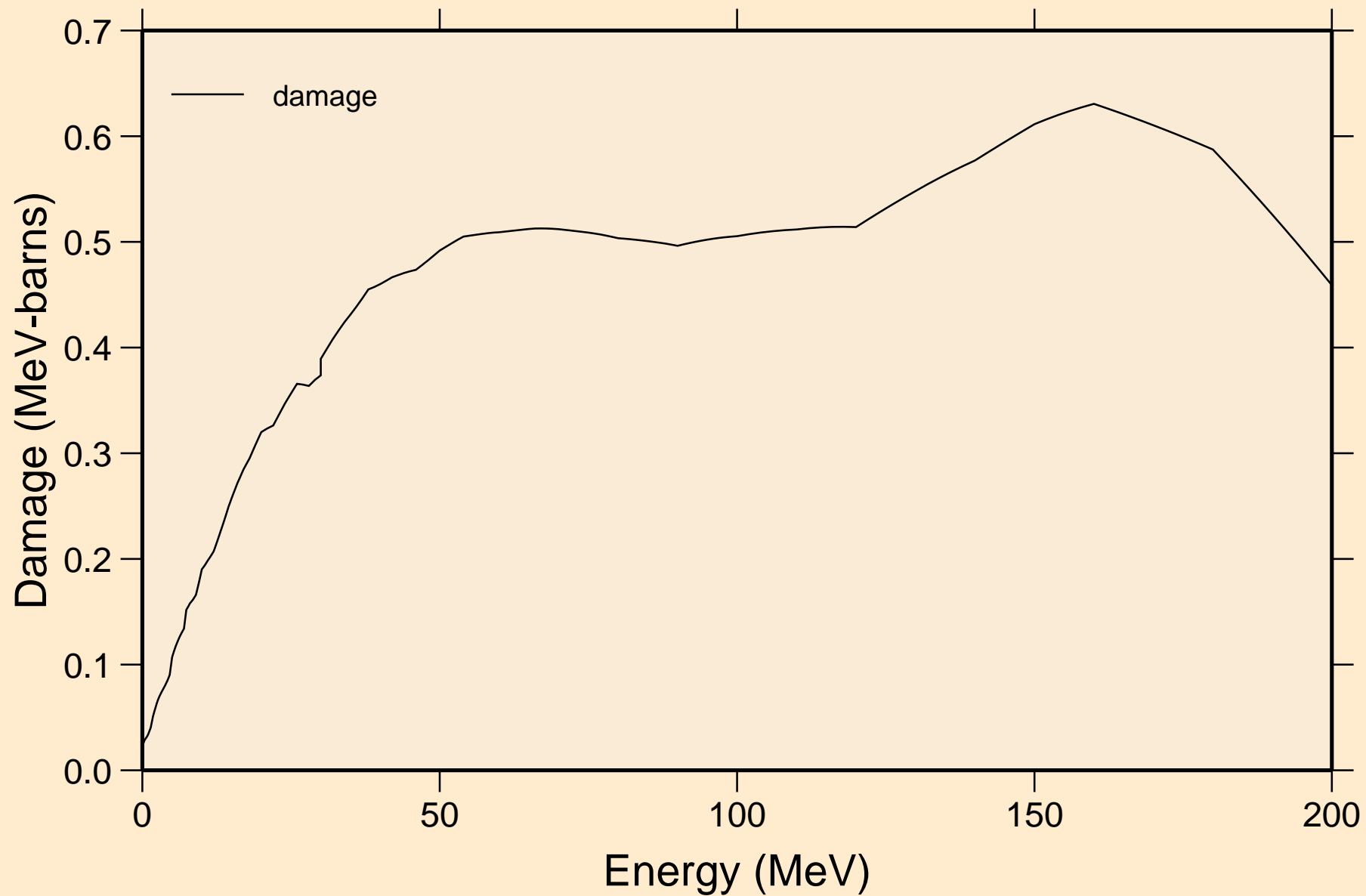
Principal cross sections



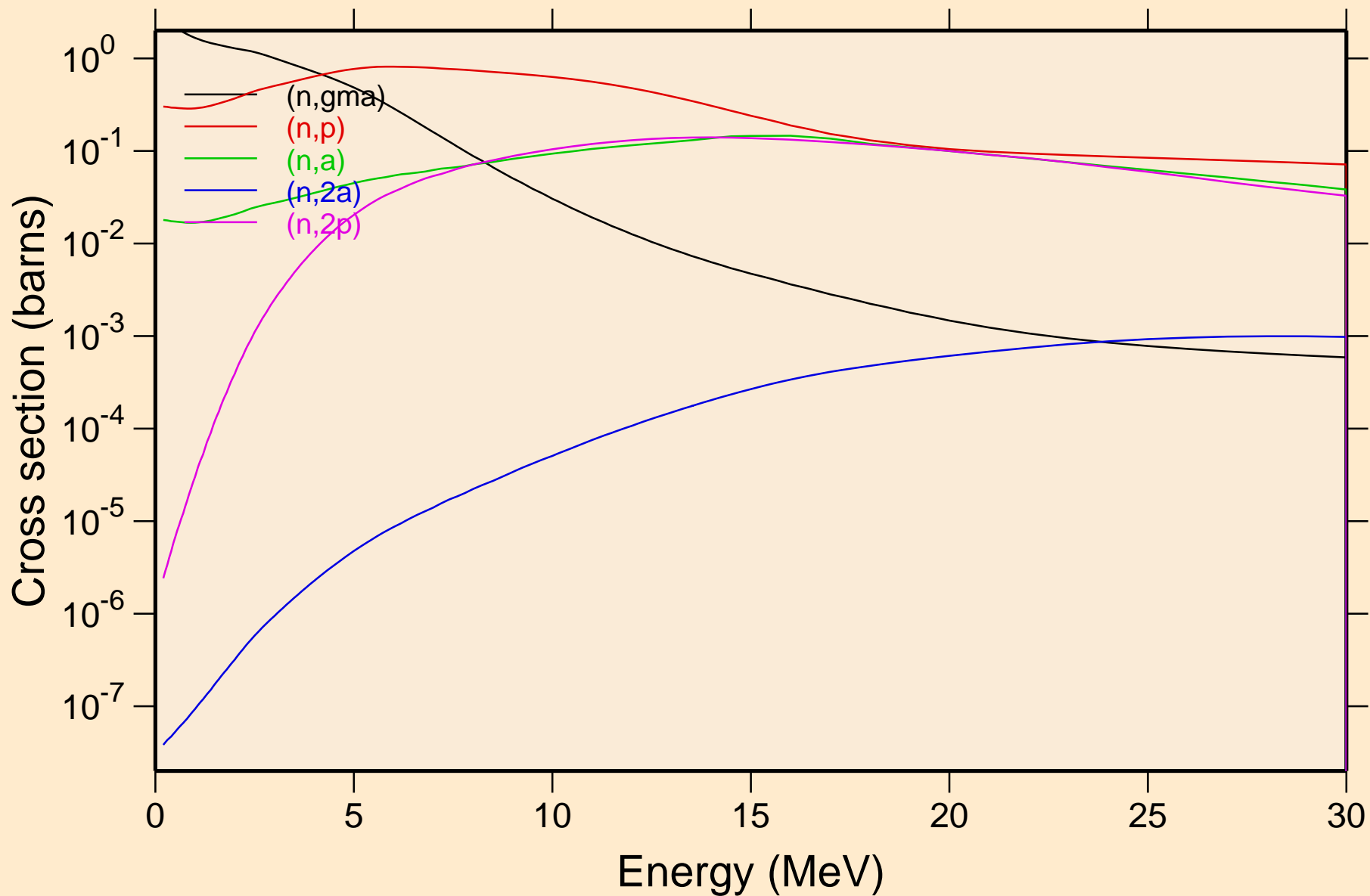
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



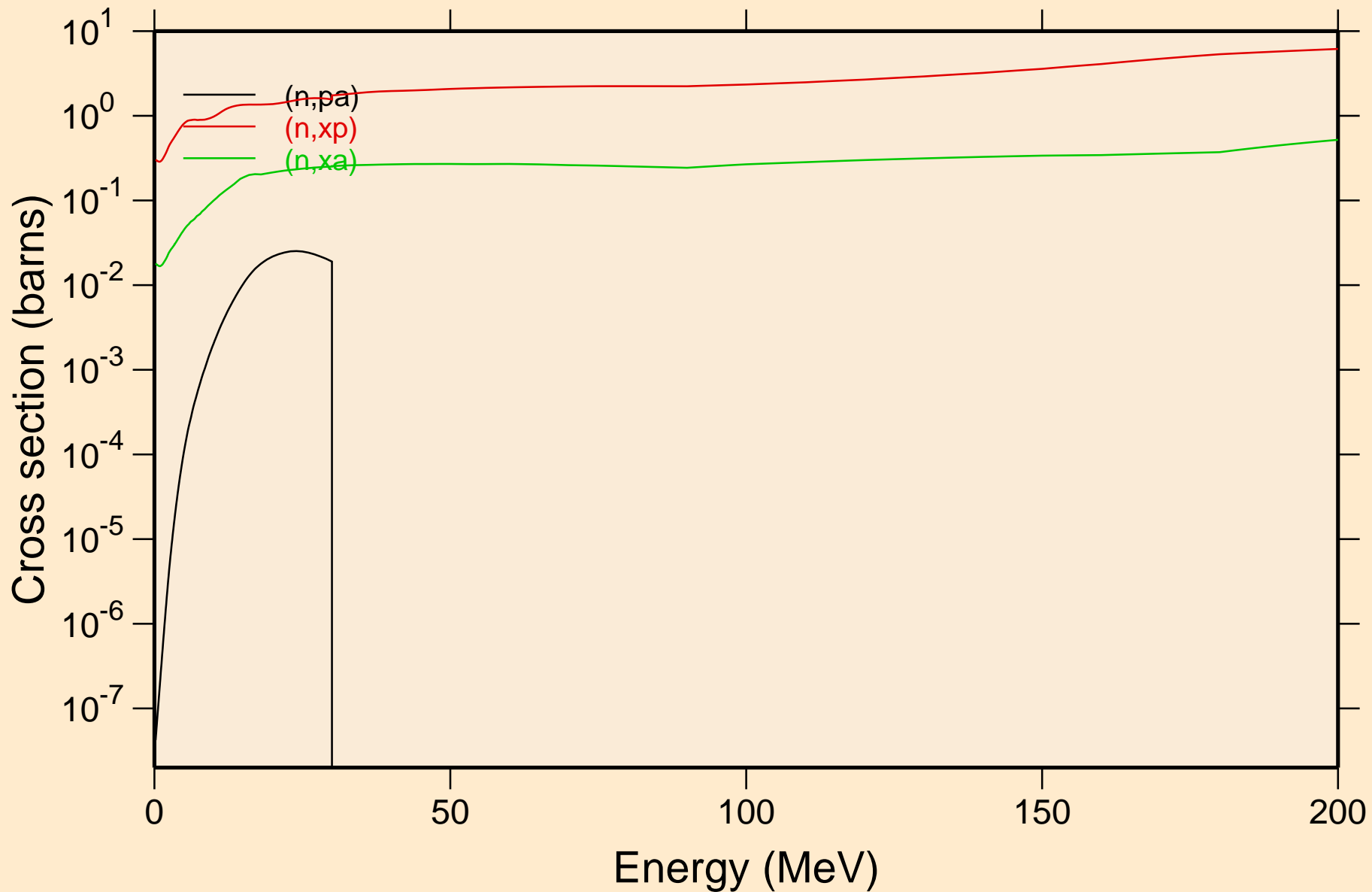
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



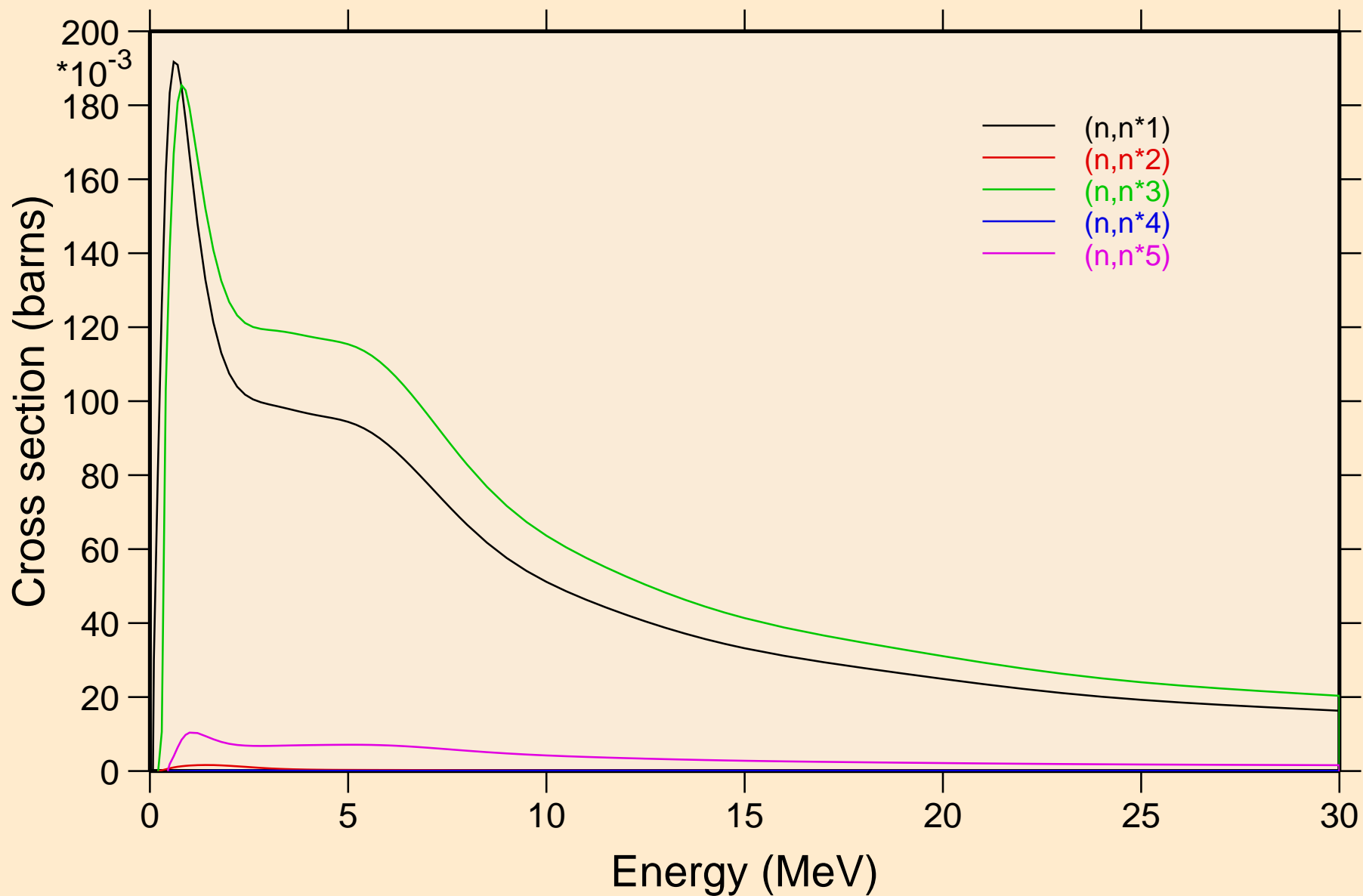
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



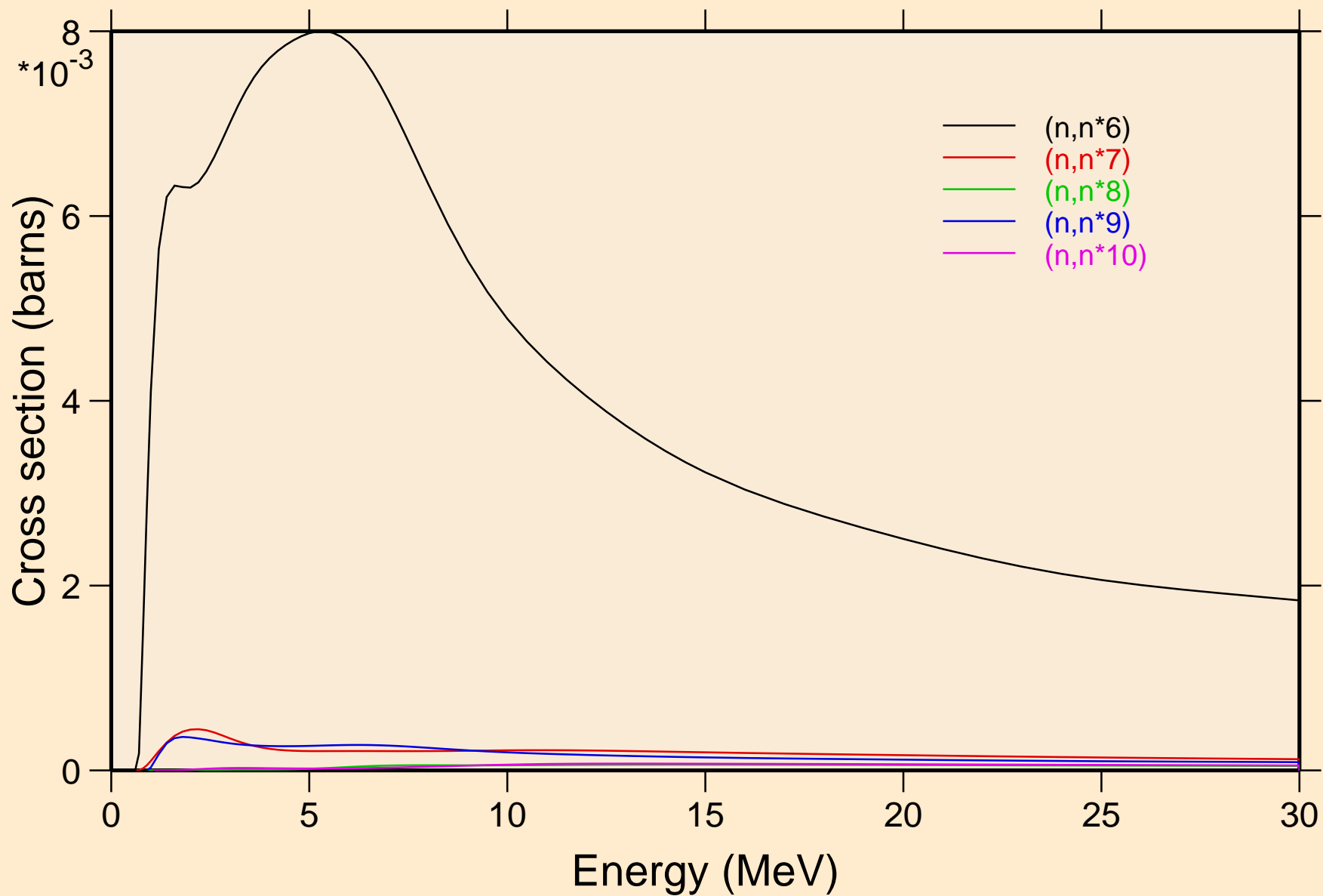
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



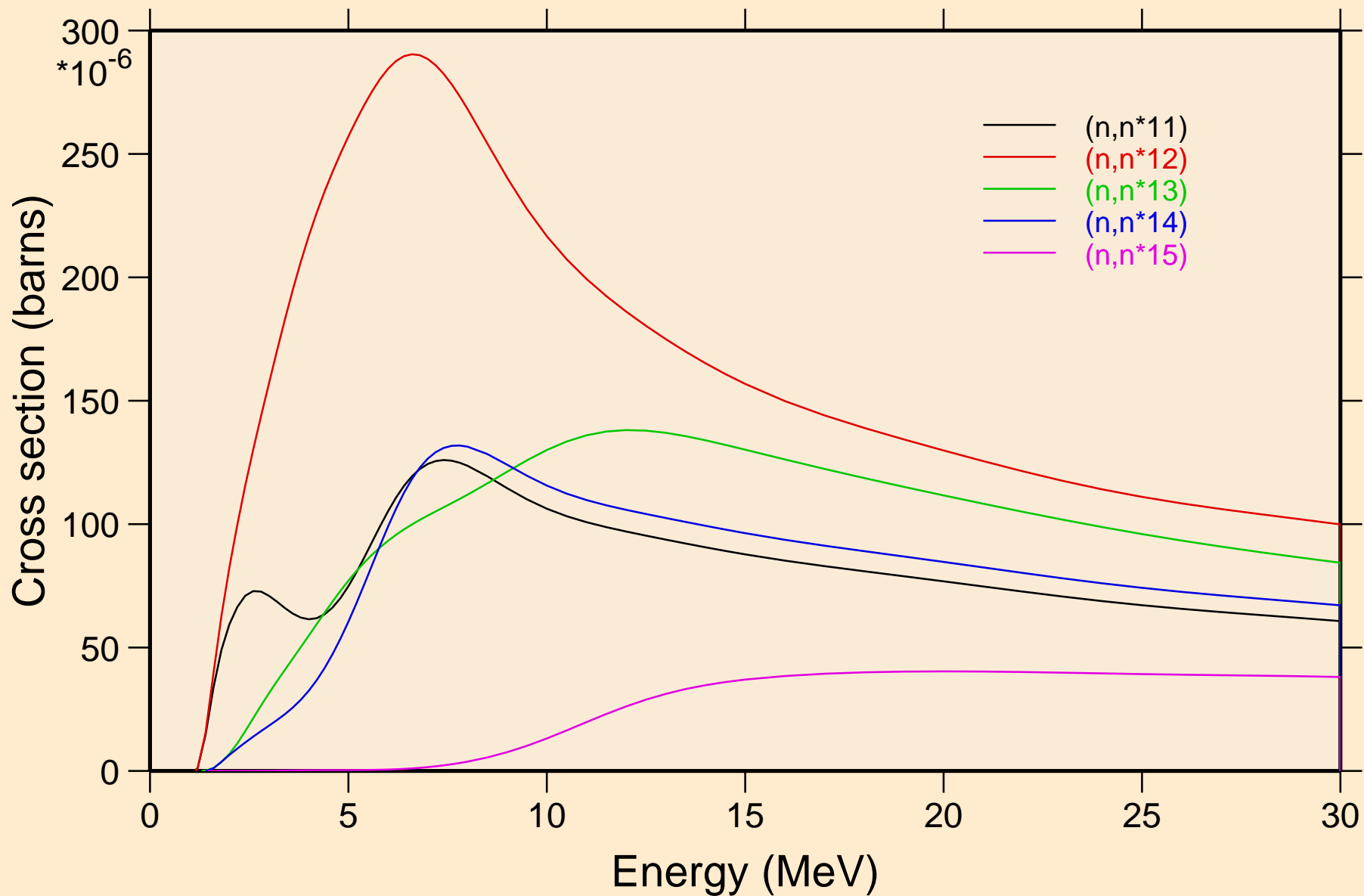
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



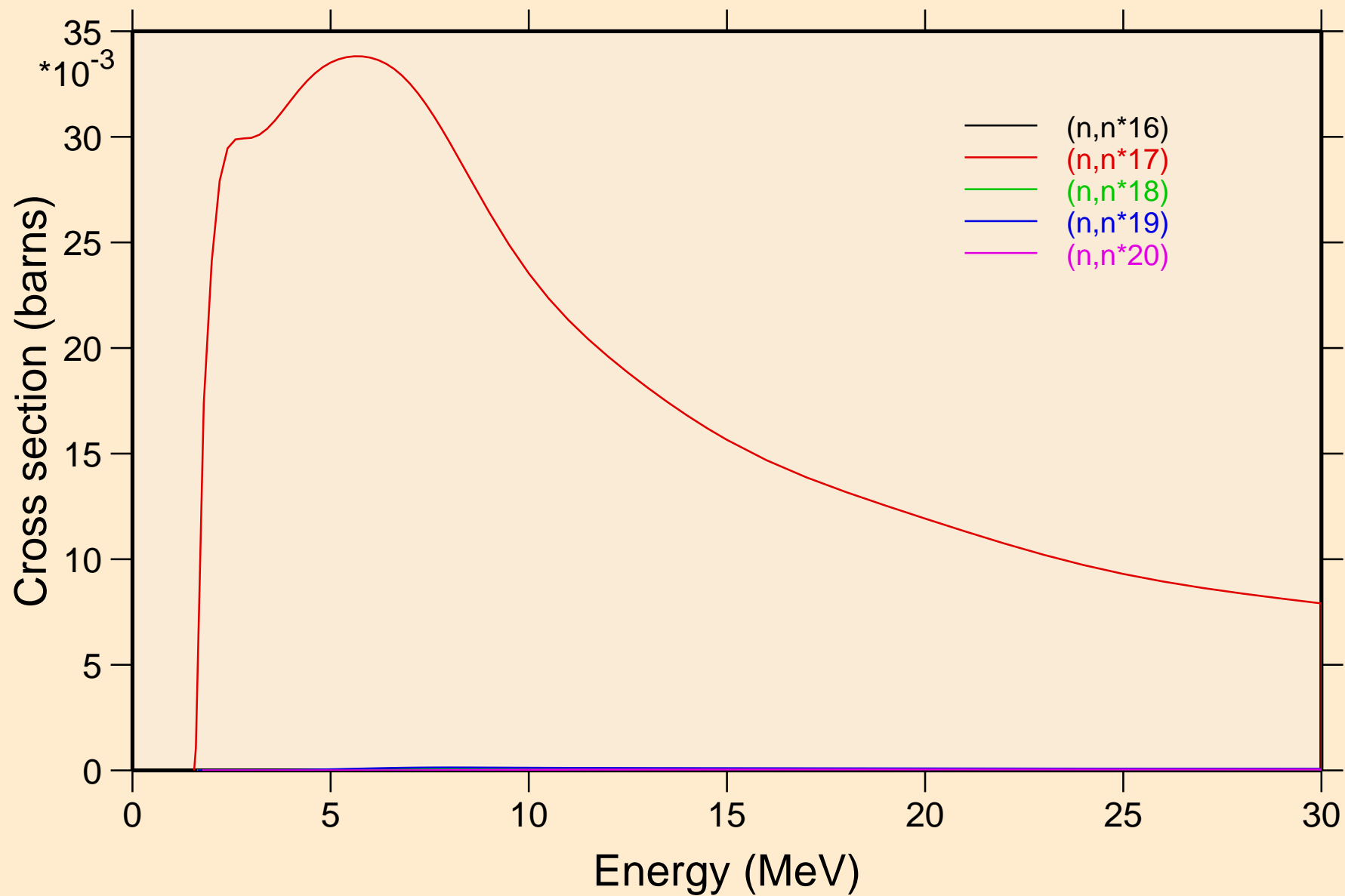
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



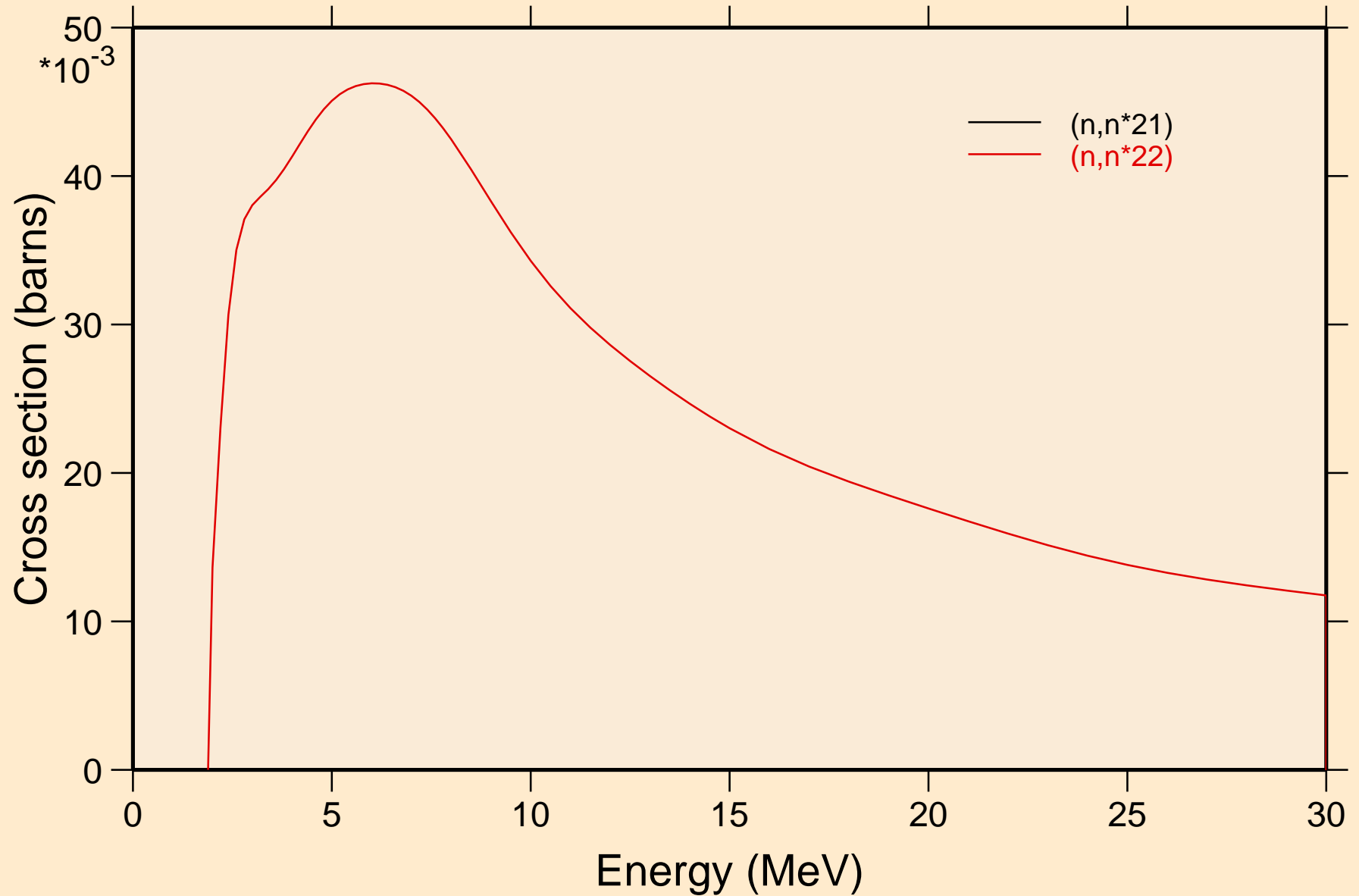
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



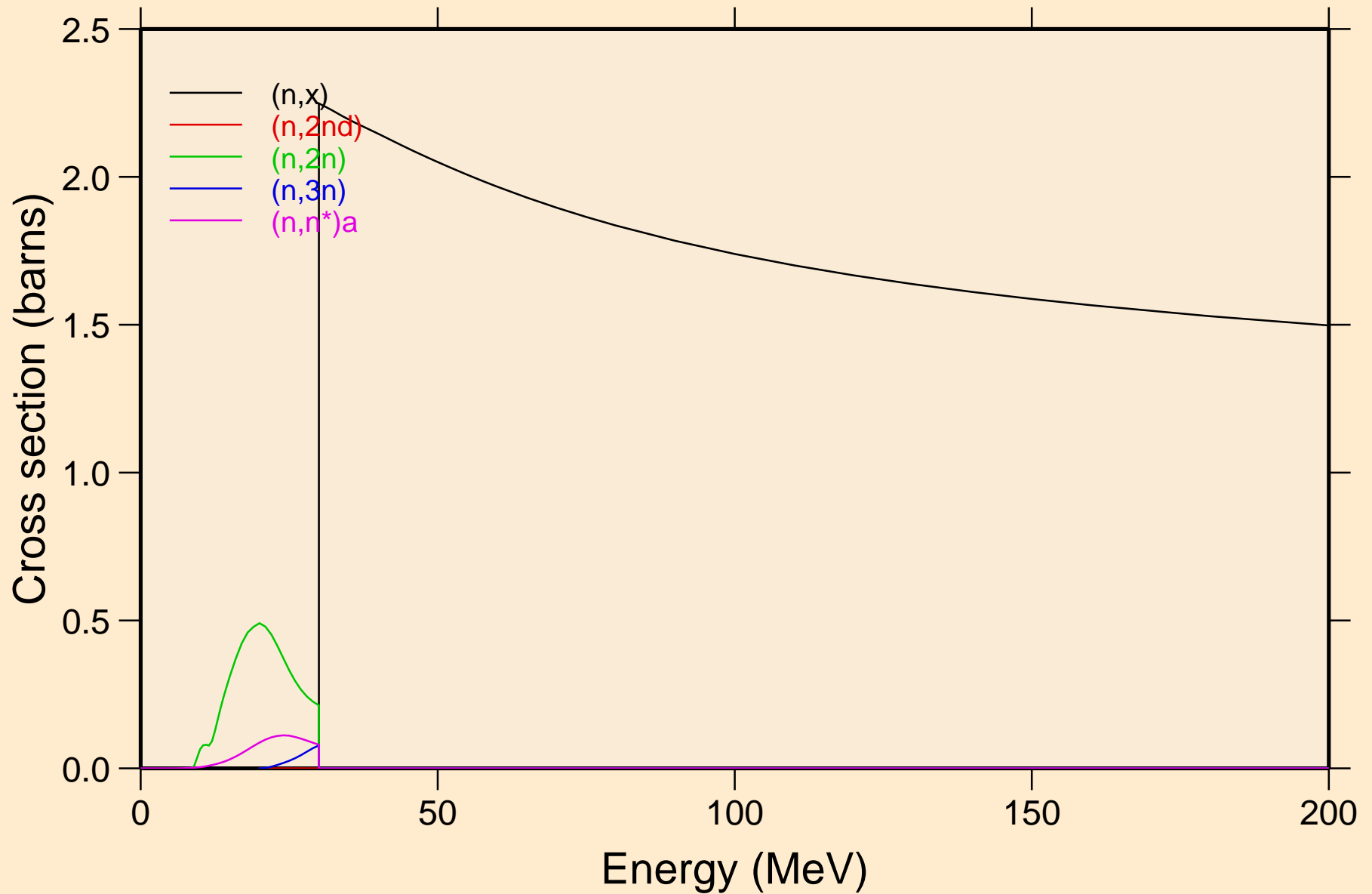
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



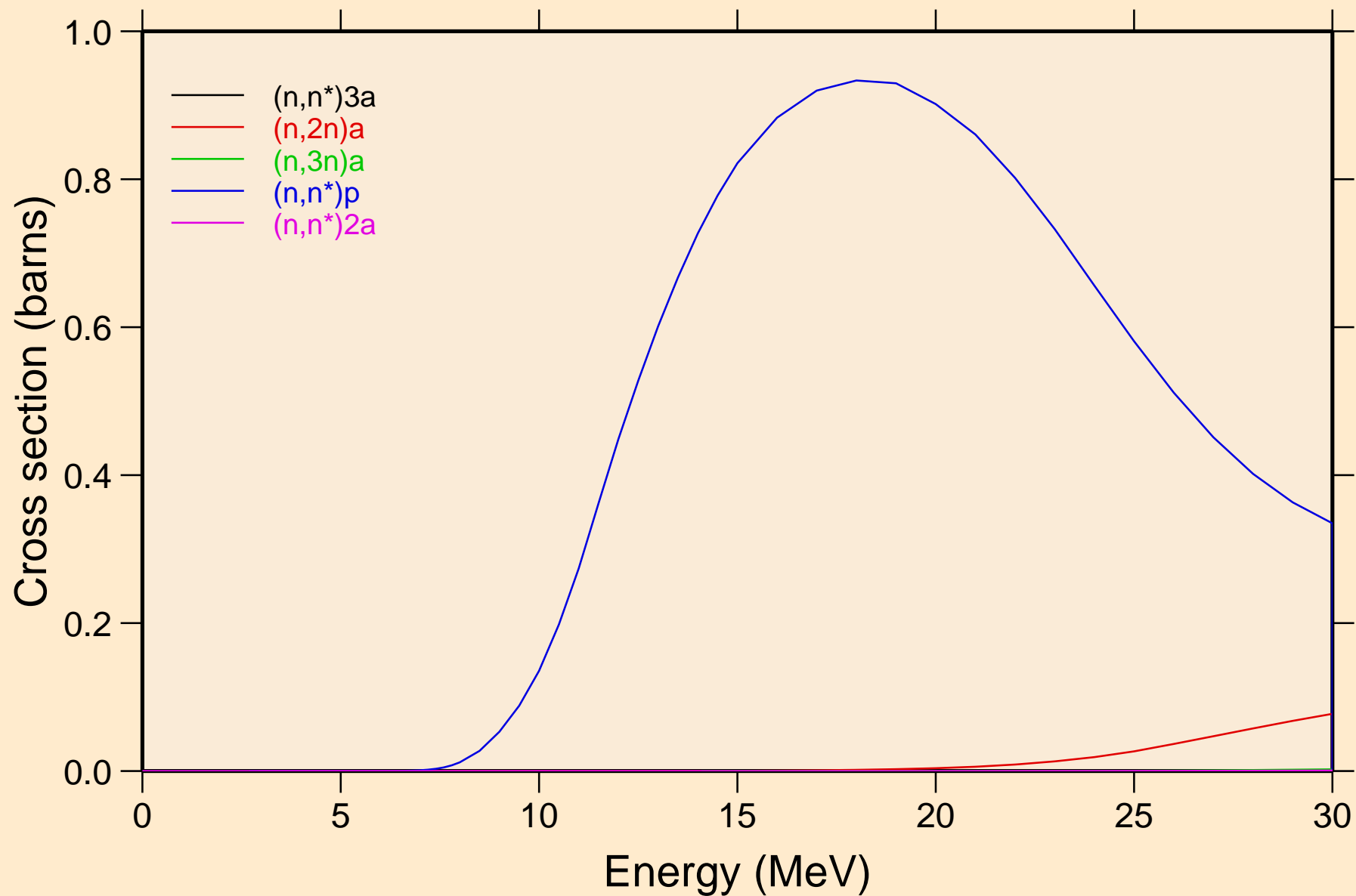
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



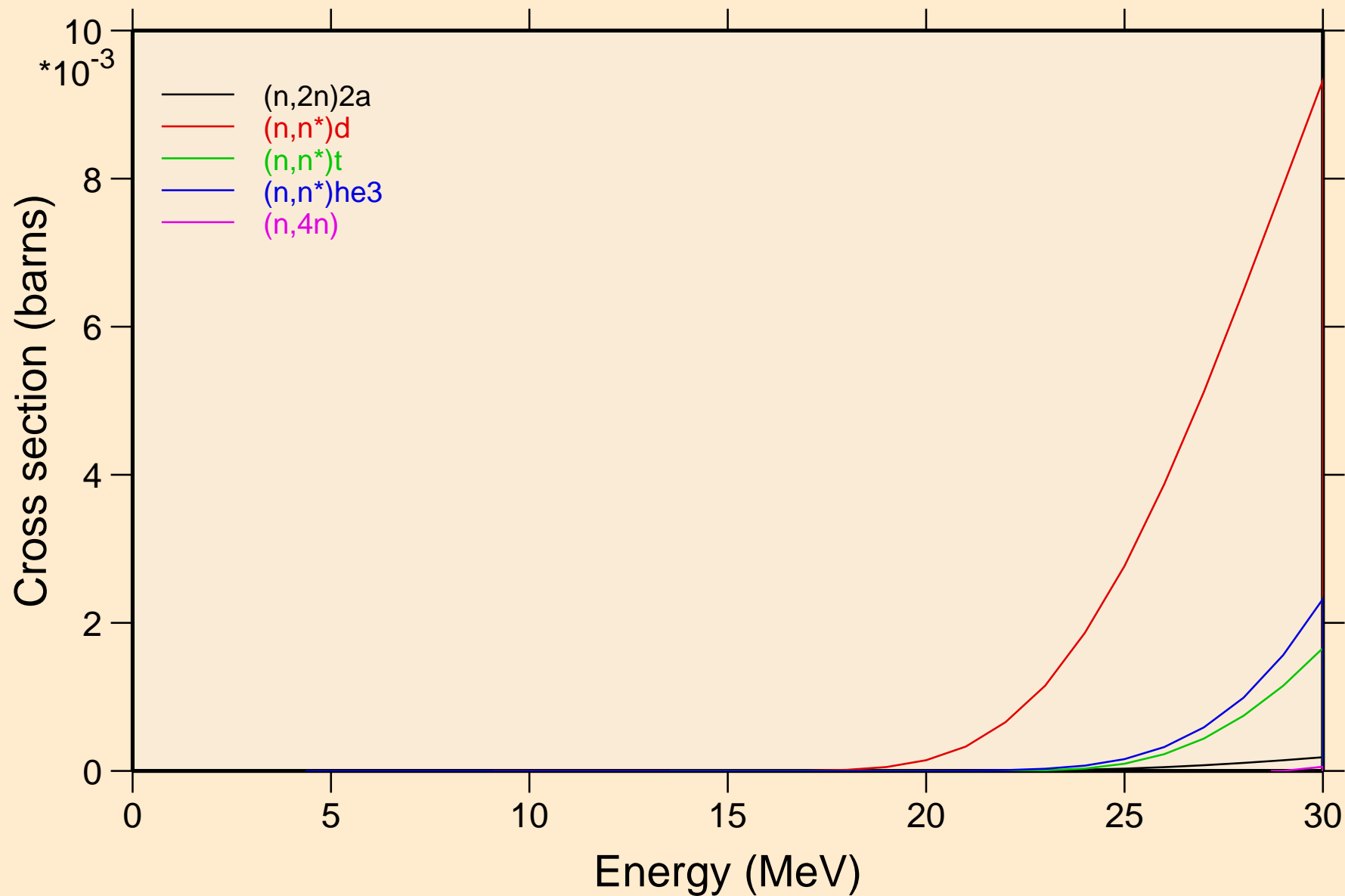
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



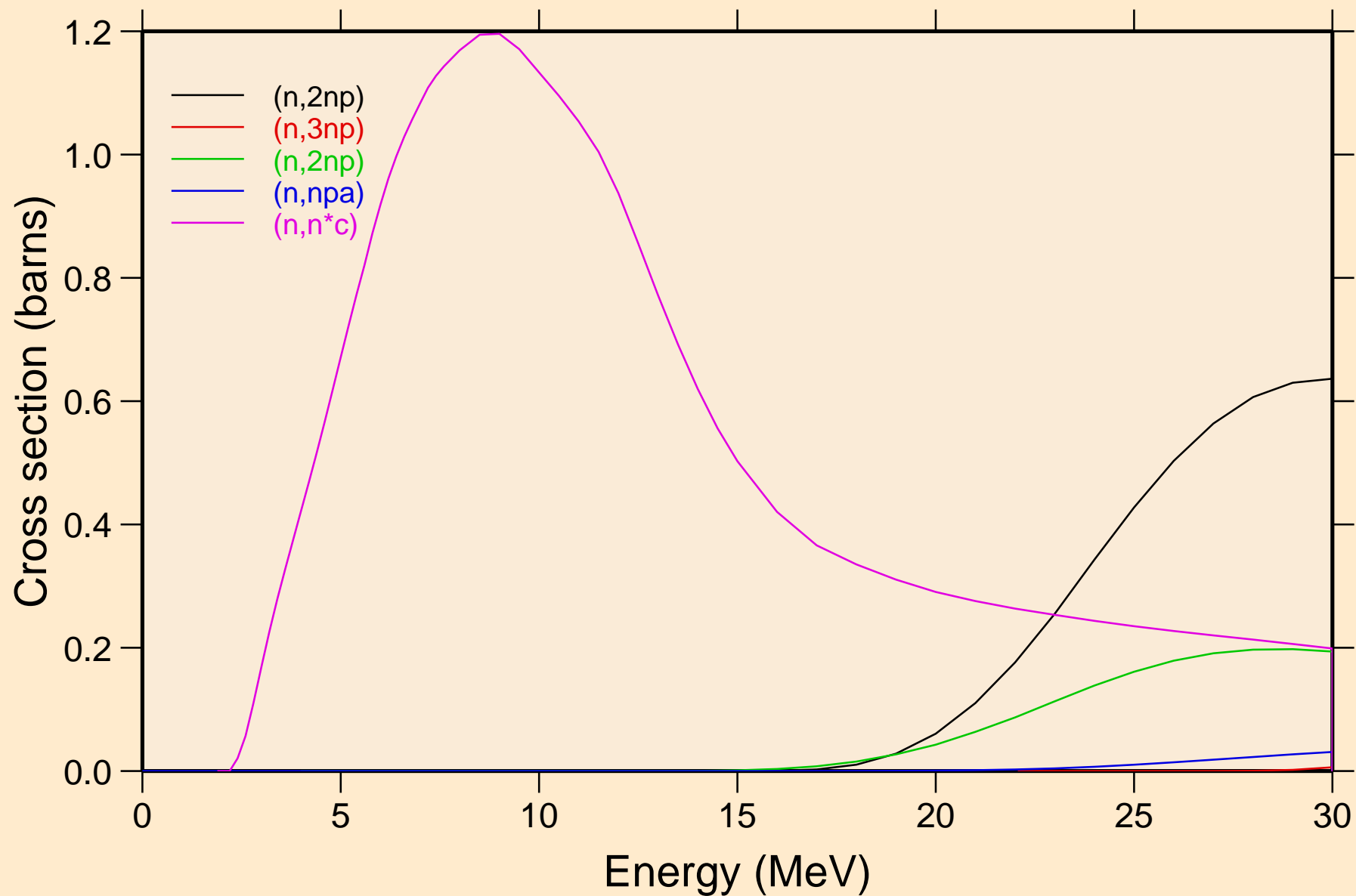
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



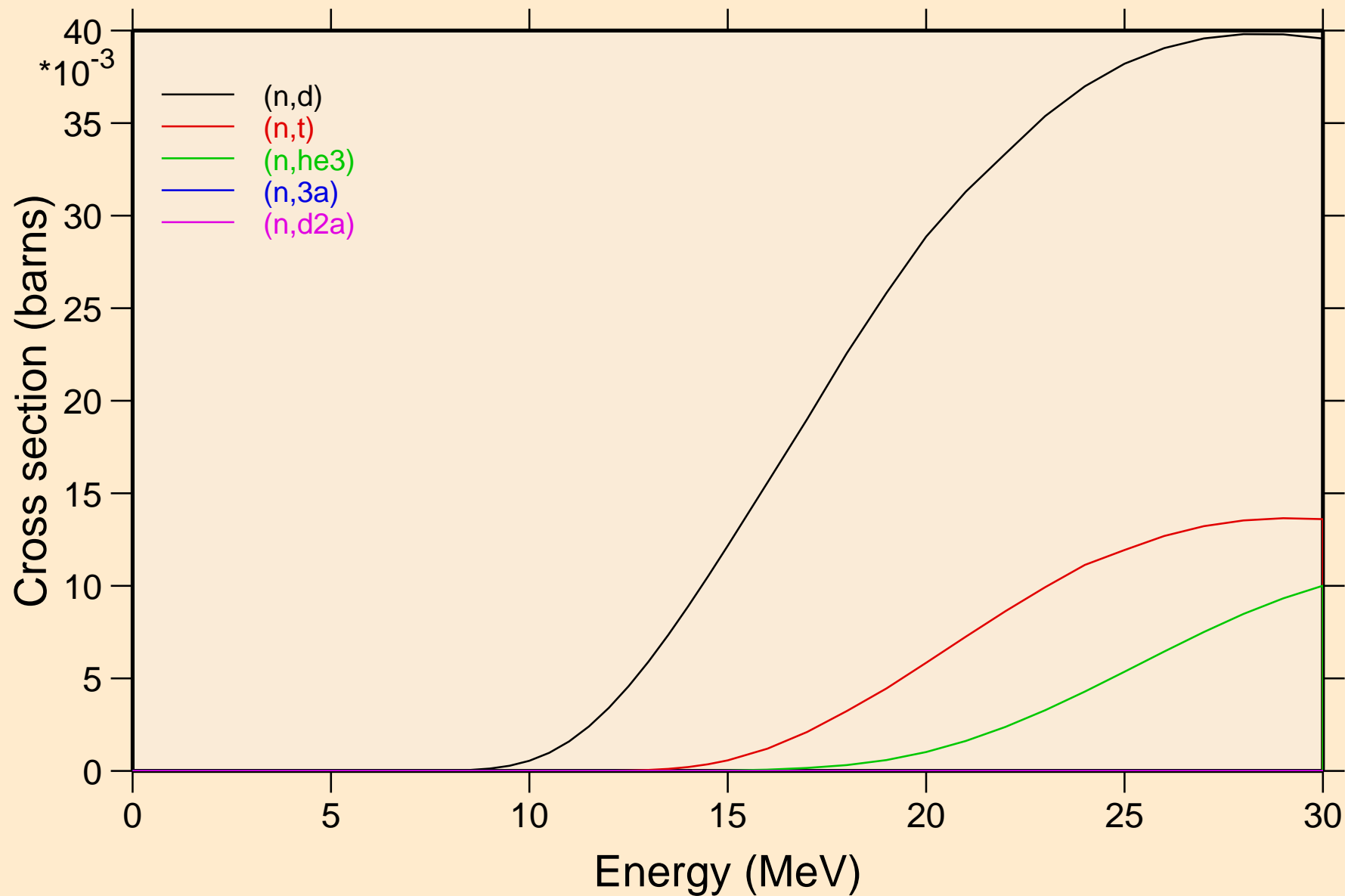
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



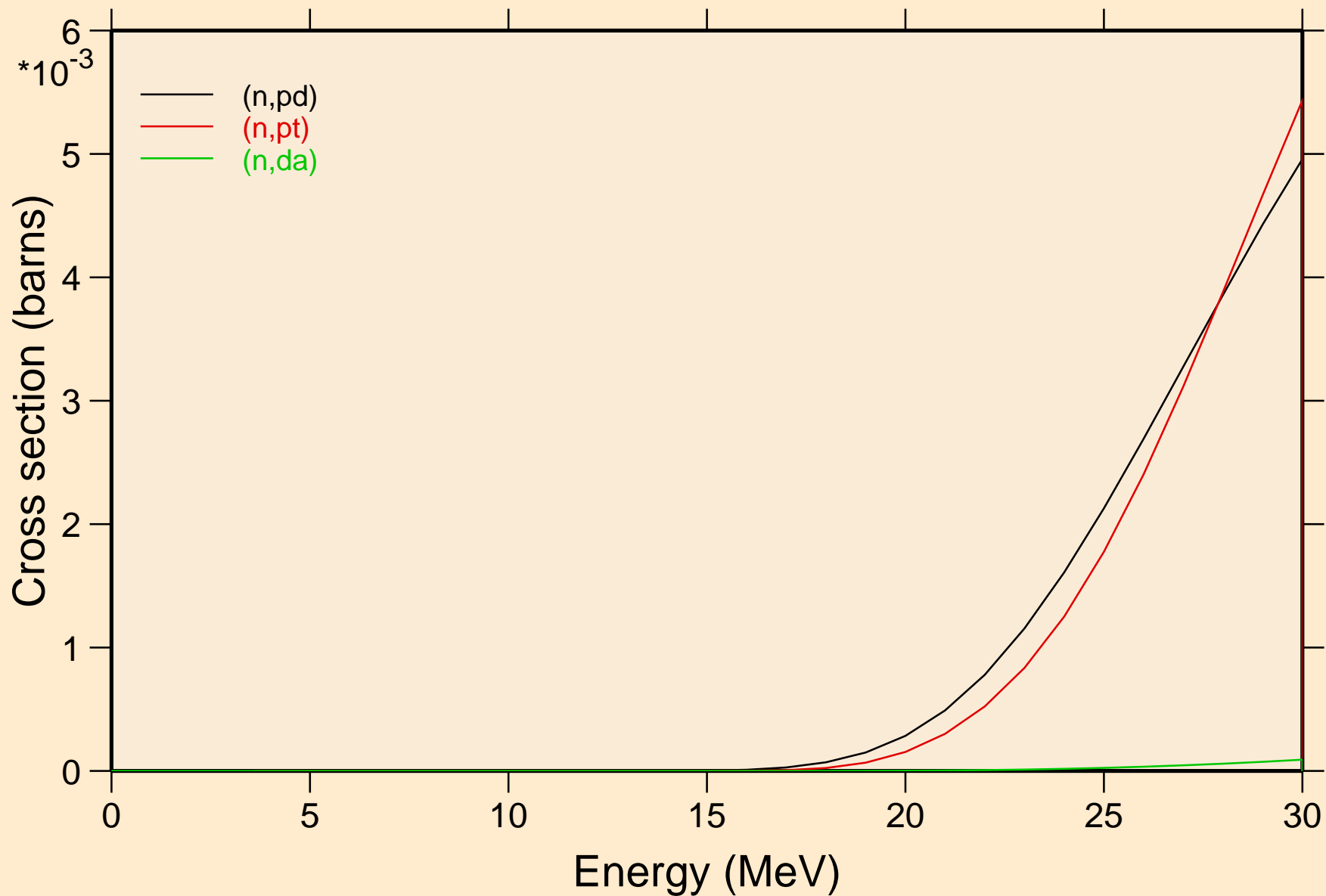
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



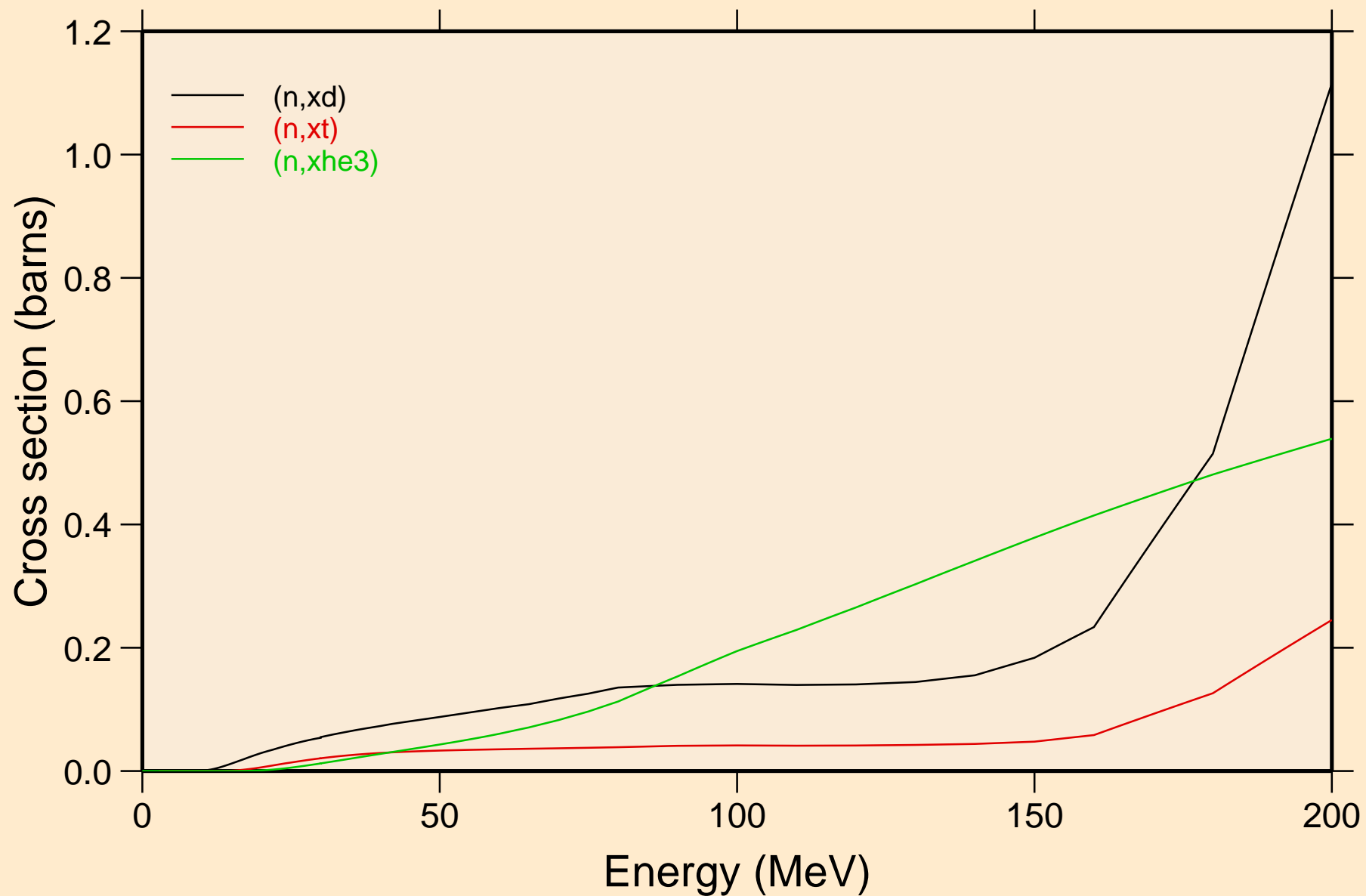
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



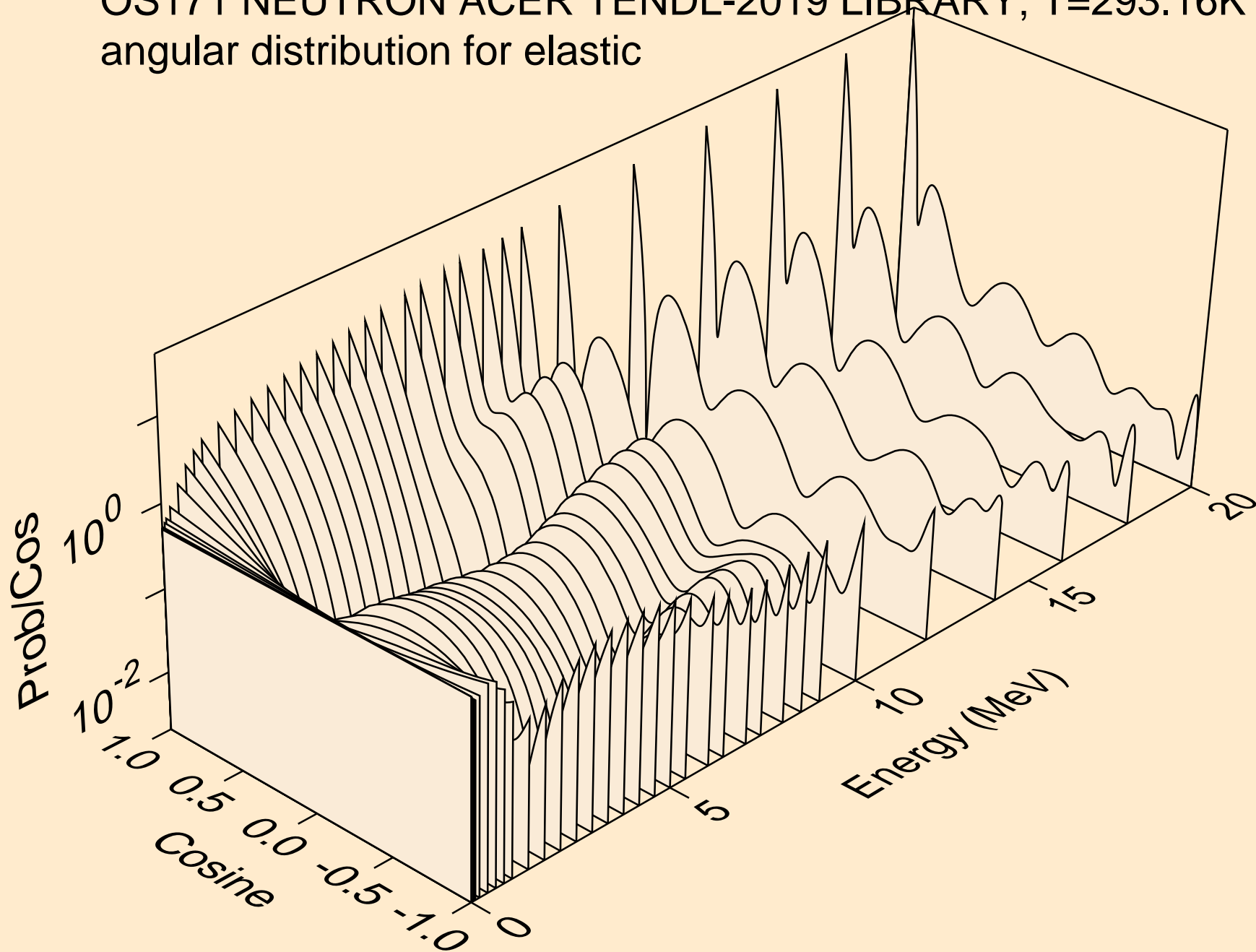
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



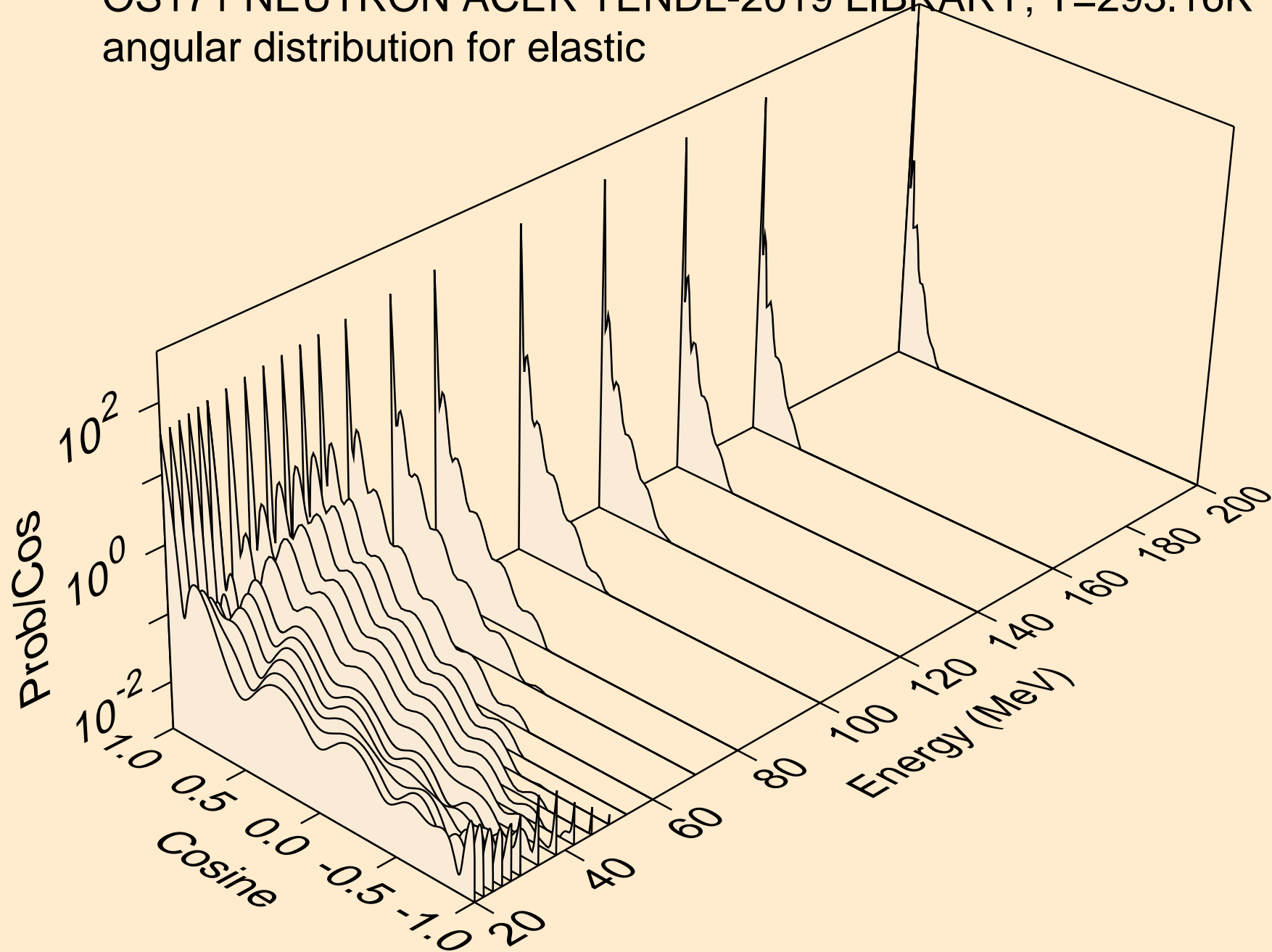
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



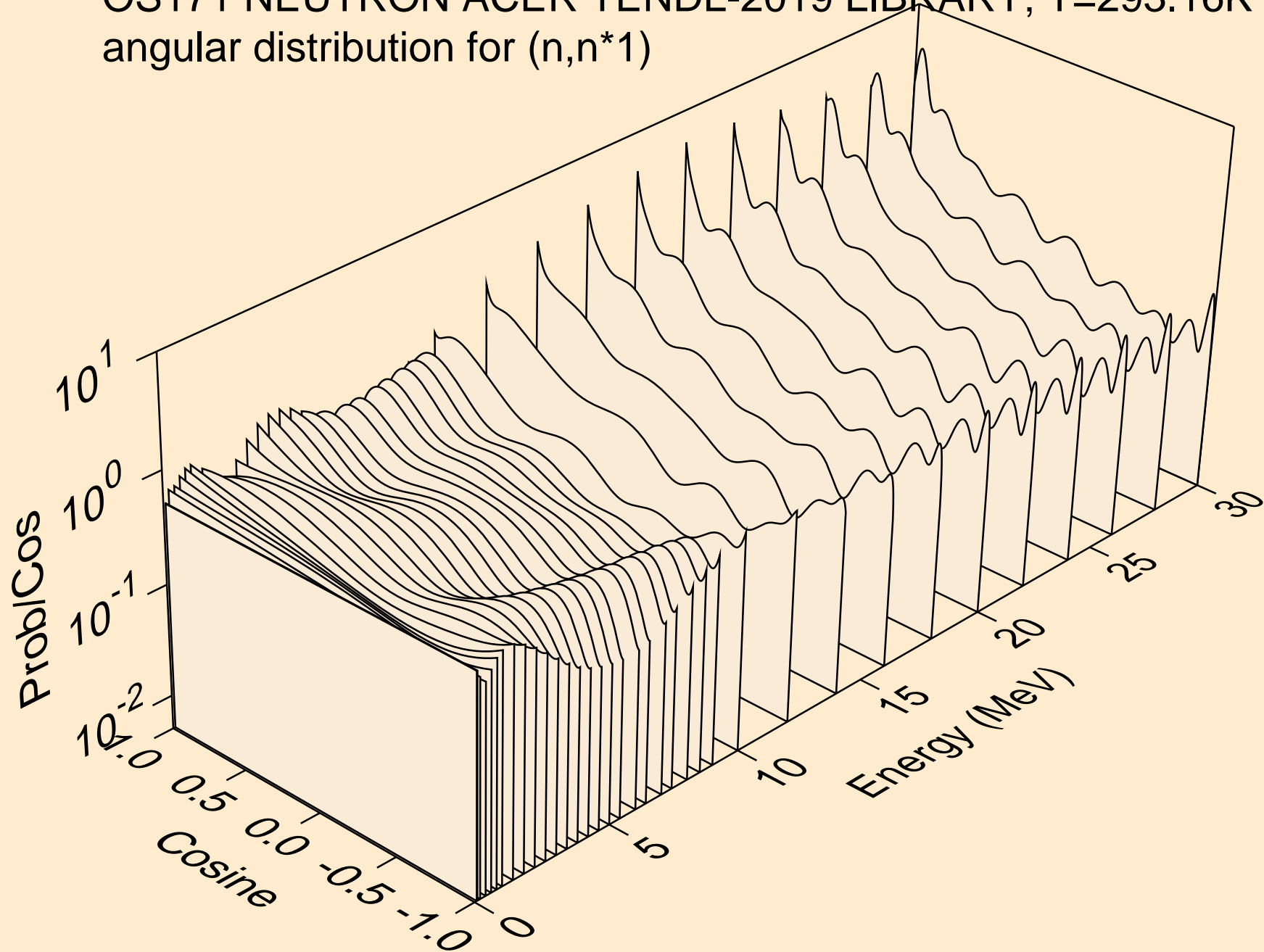
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



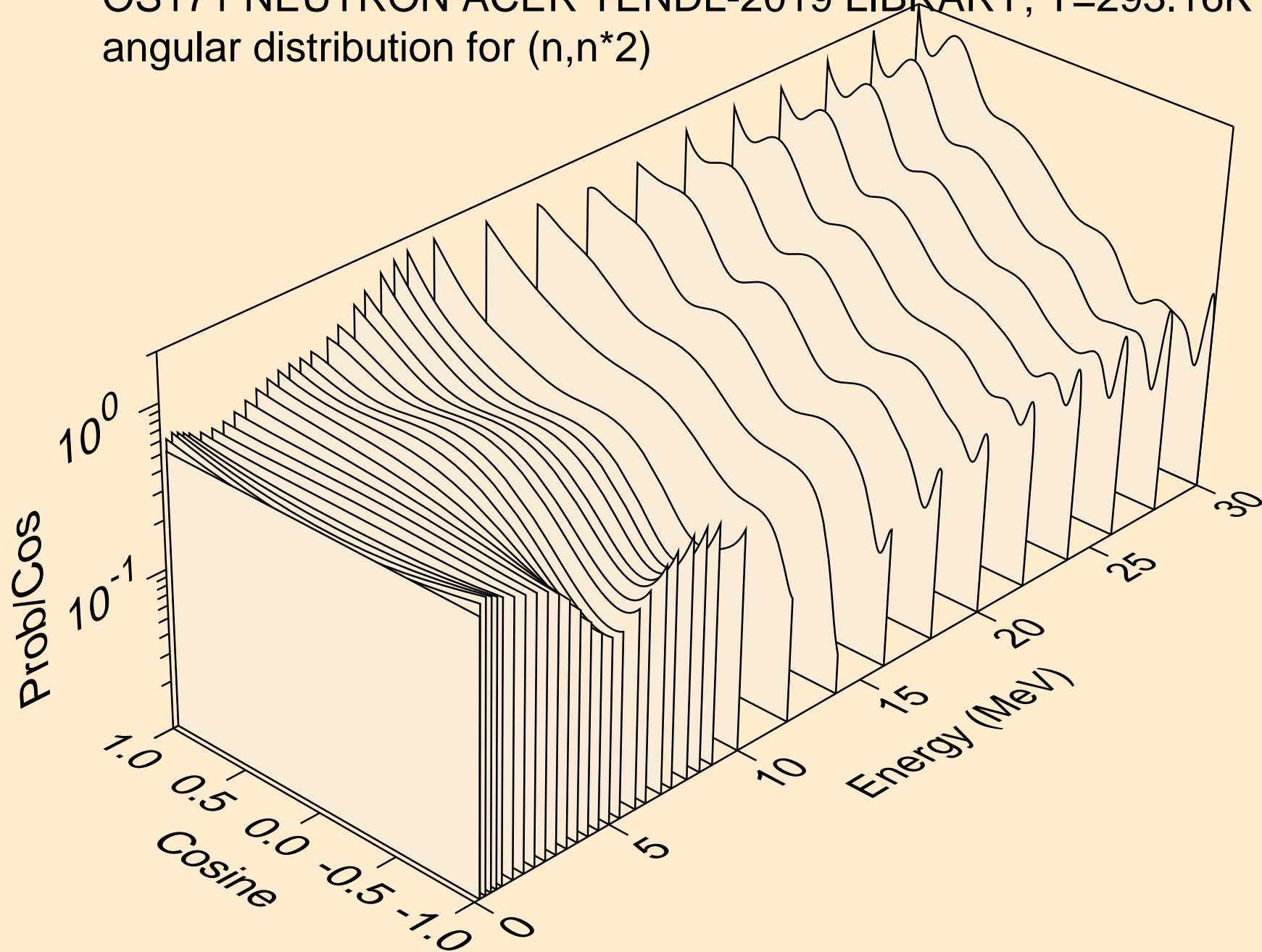
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



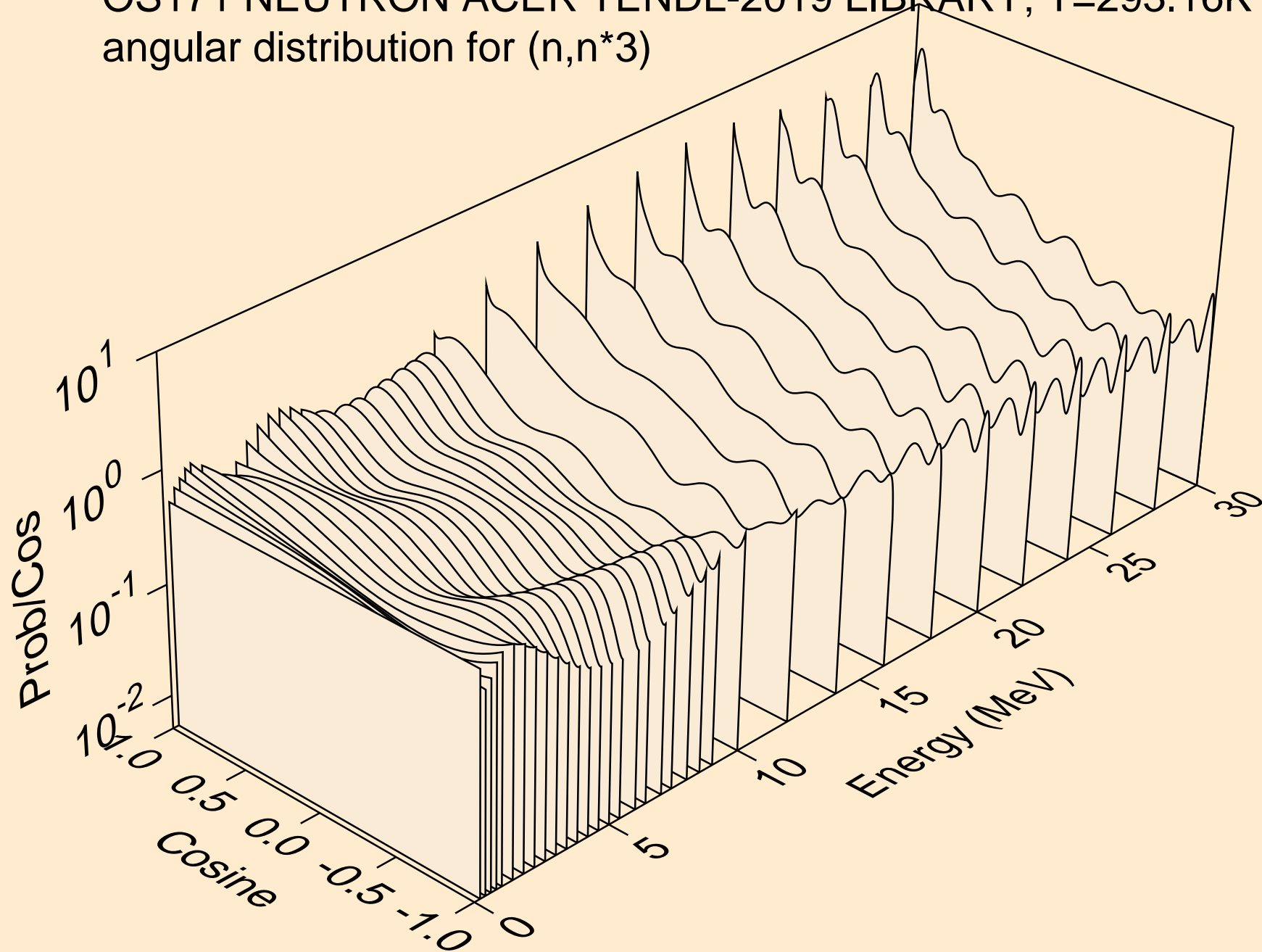
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



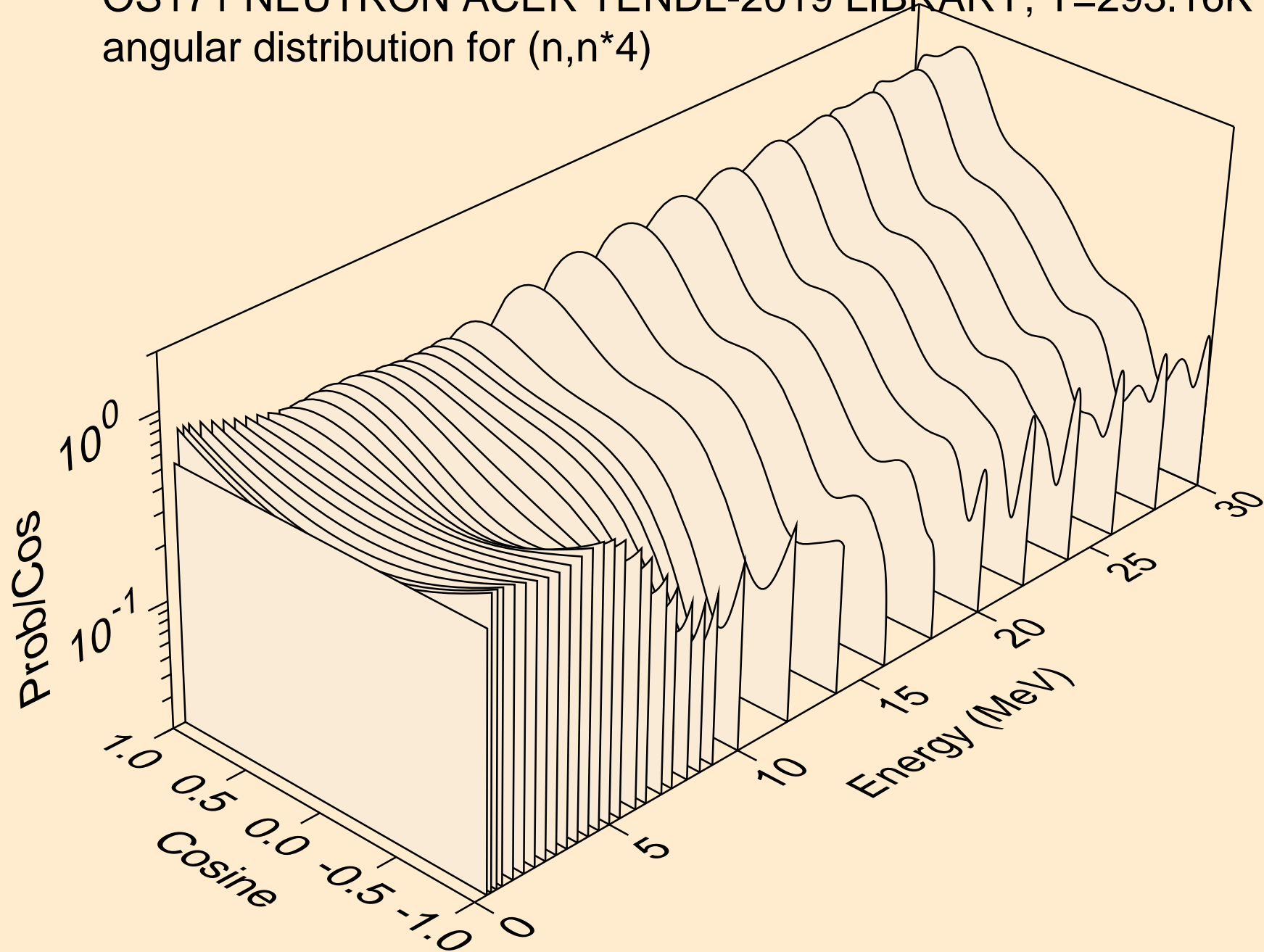
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



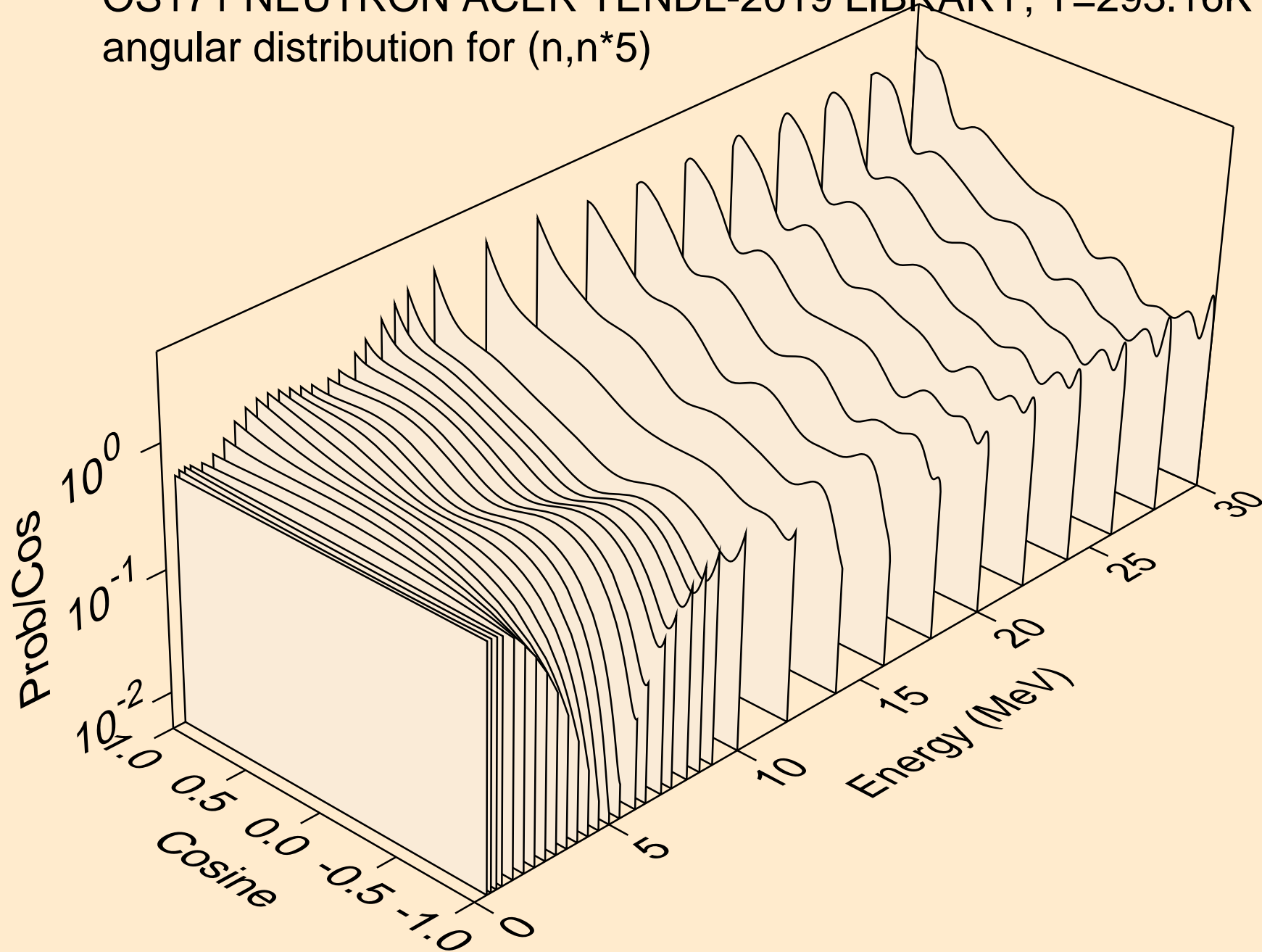
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



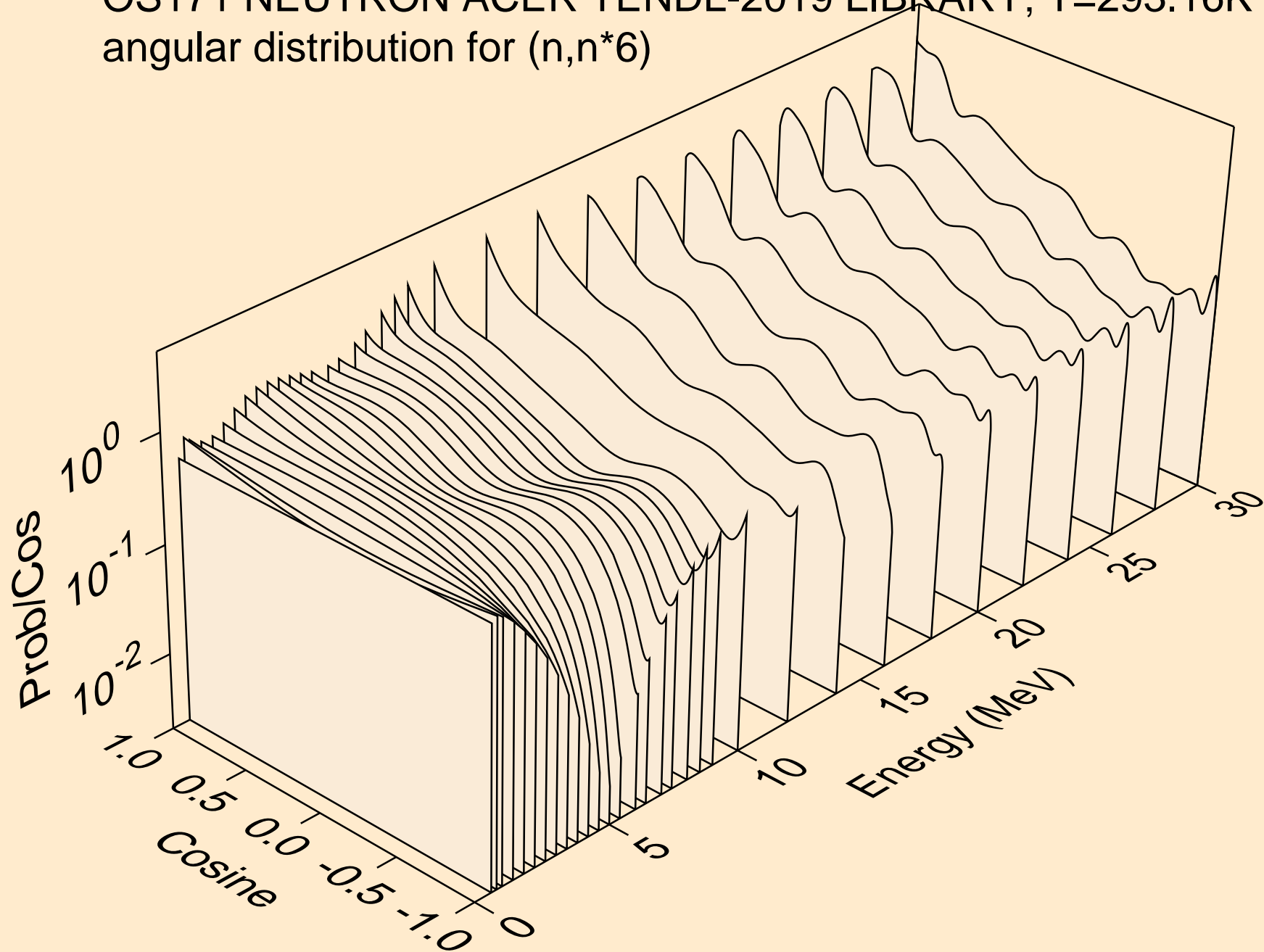
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



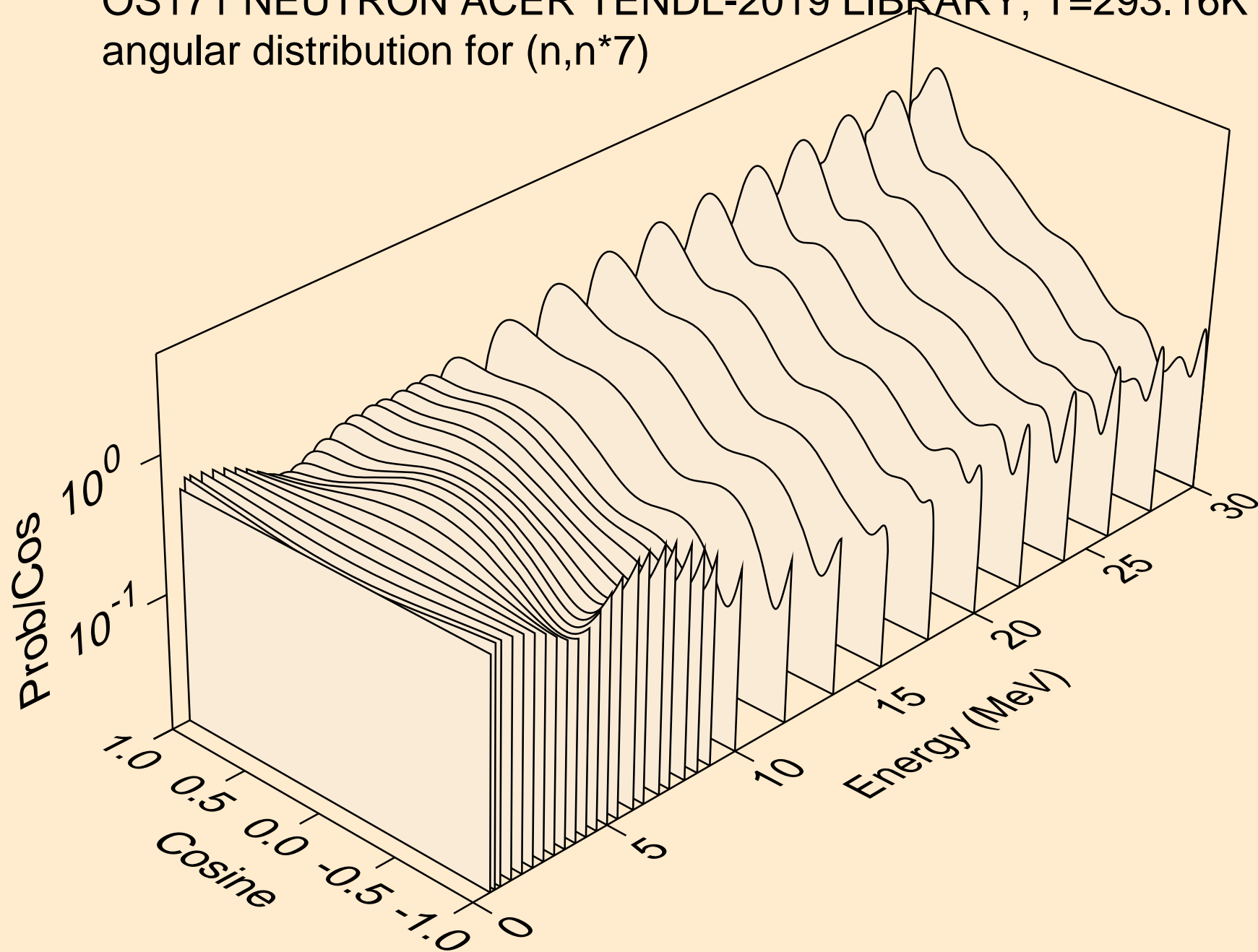
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



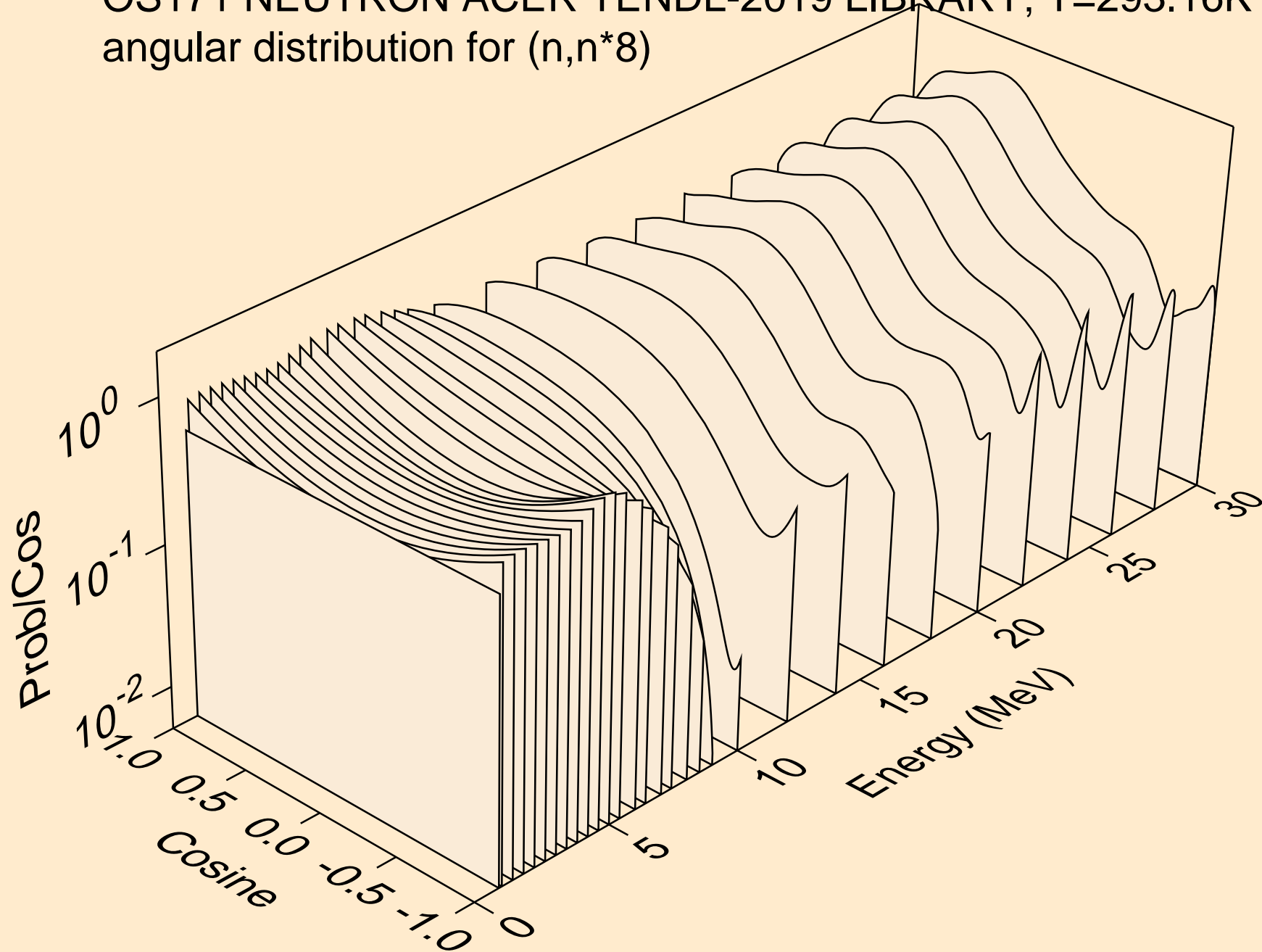
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



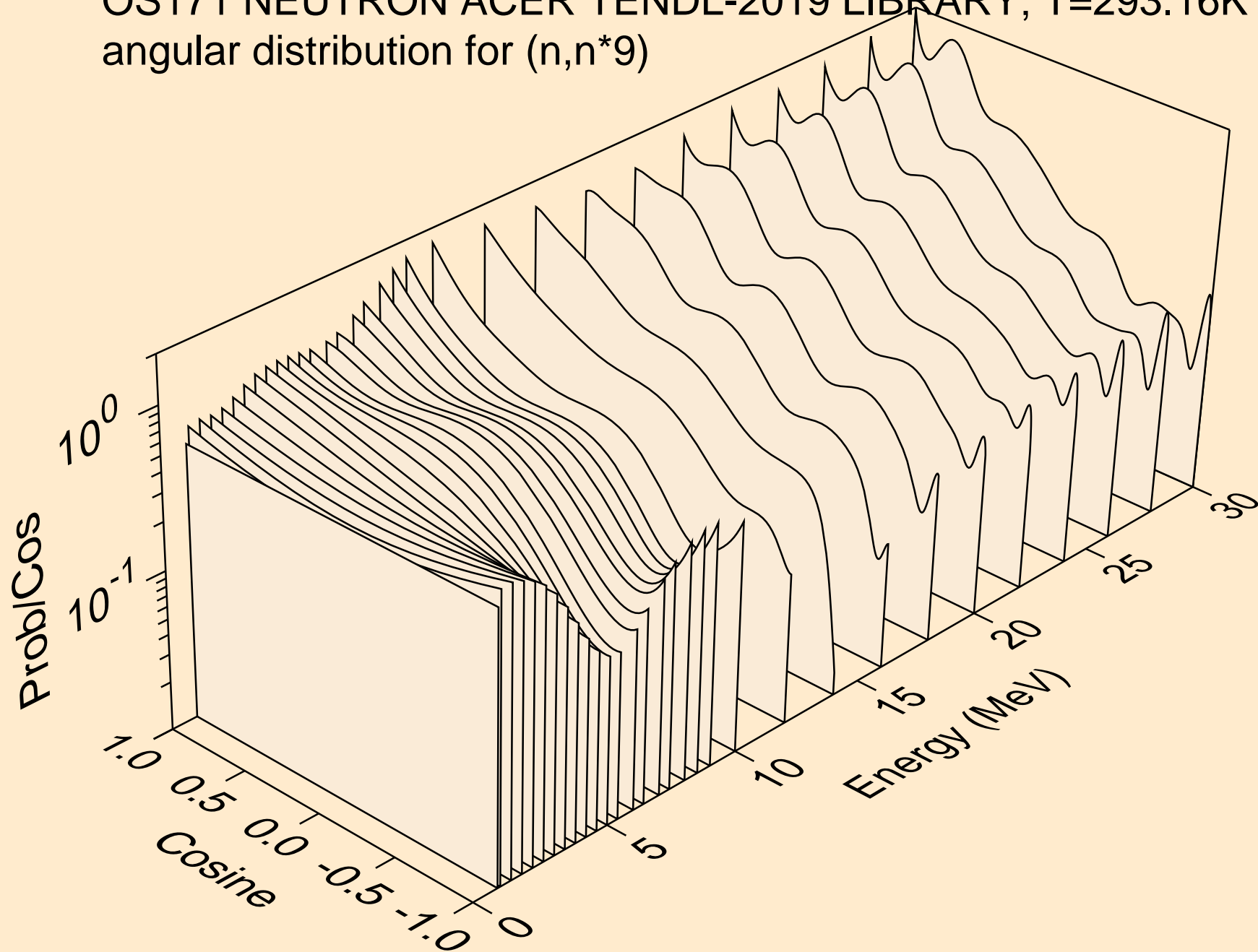
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



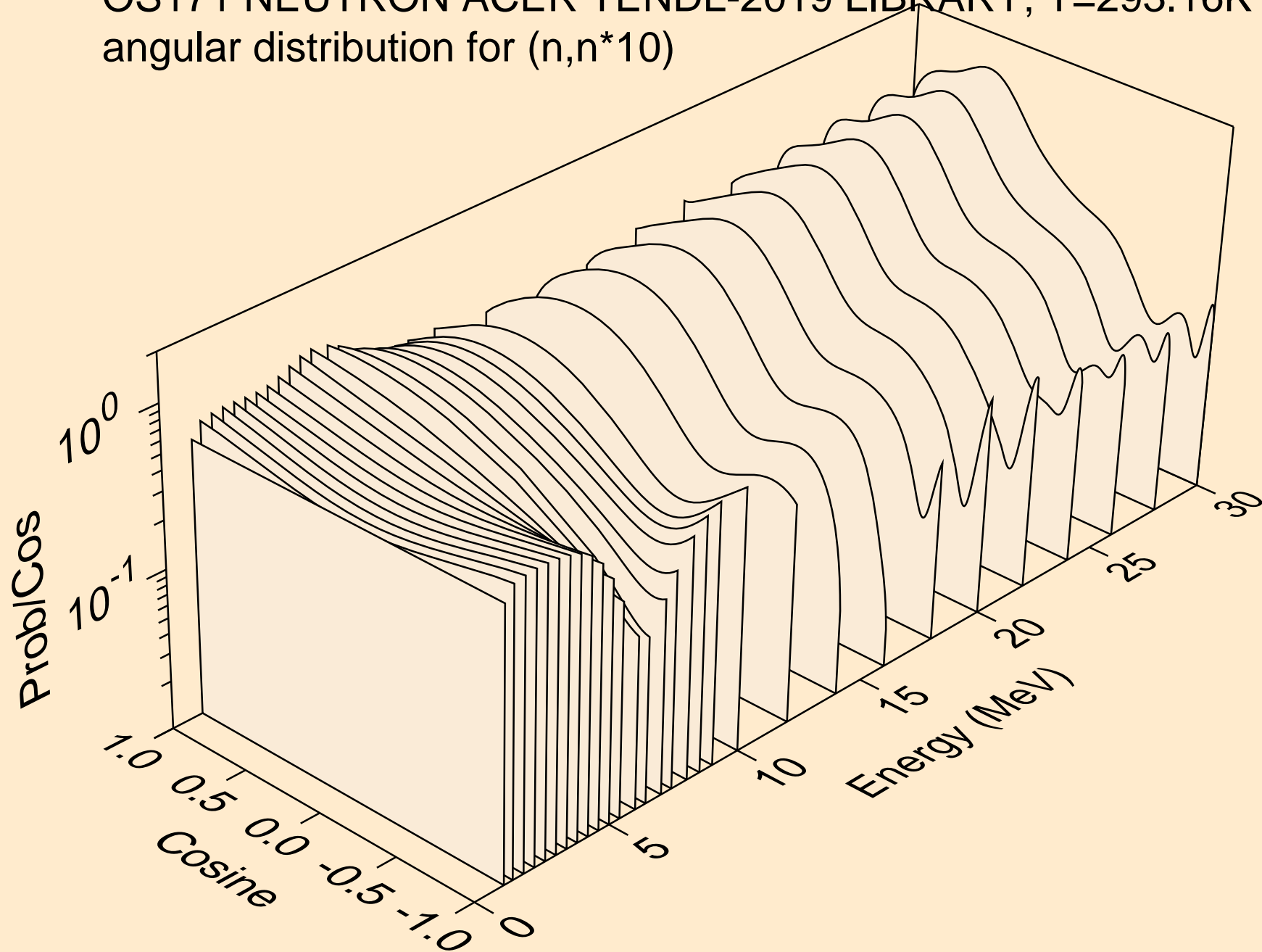
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



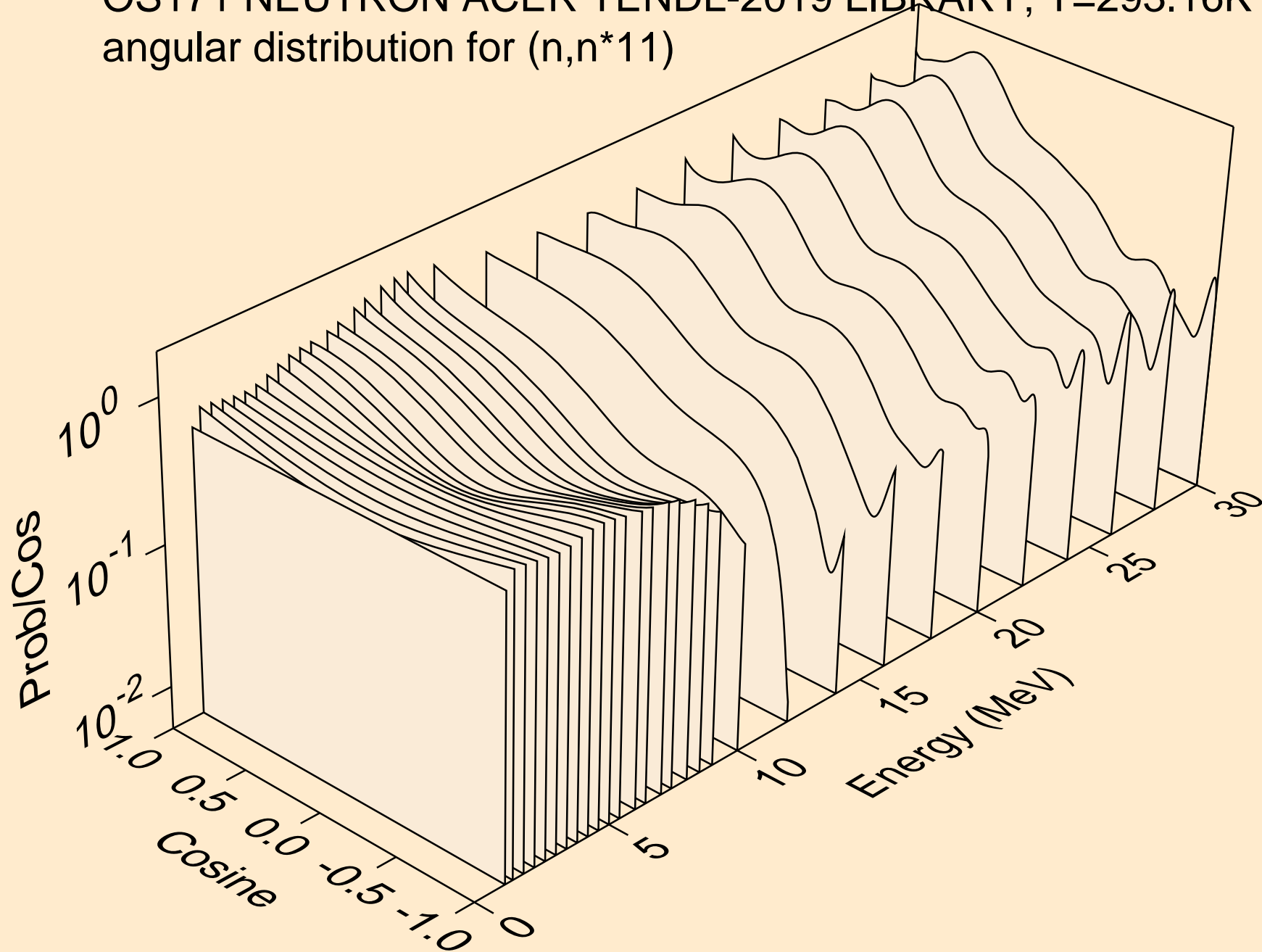
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



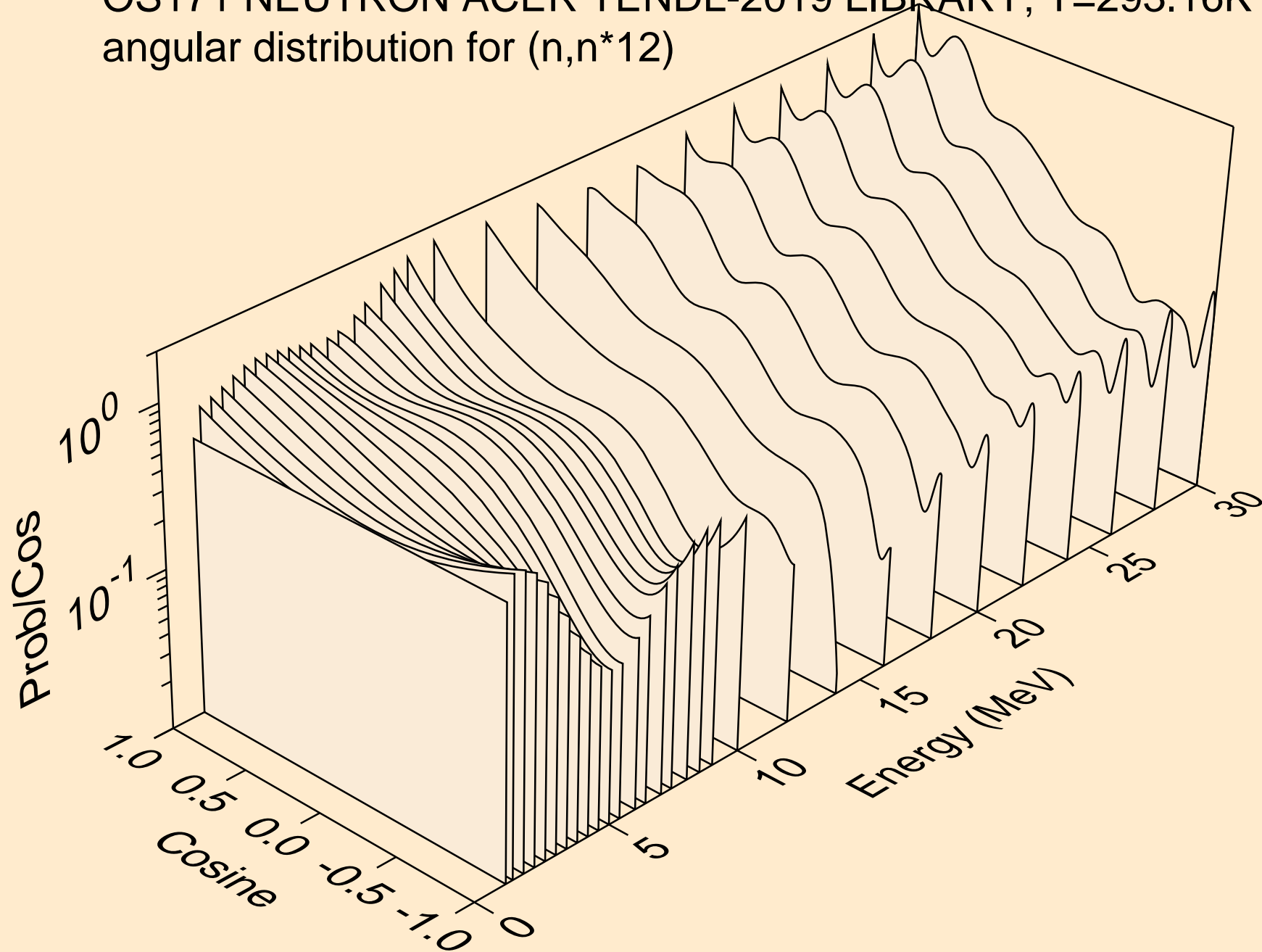
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



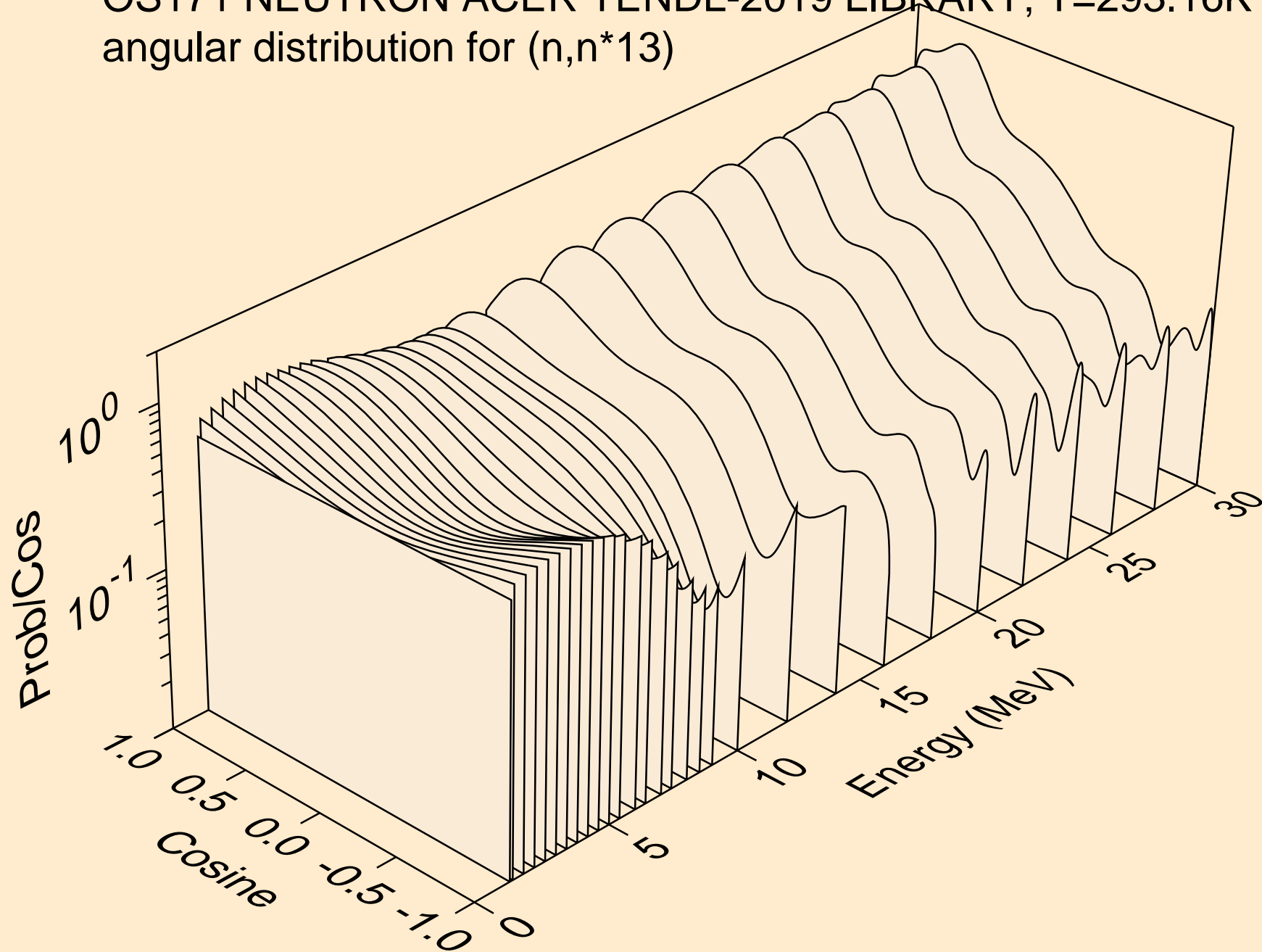
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



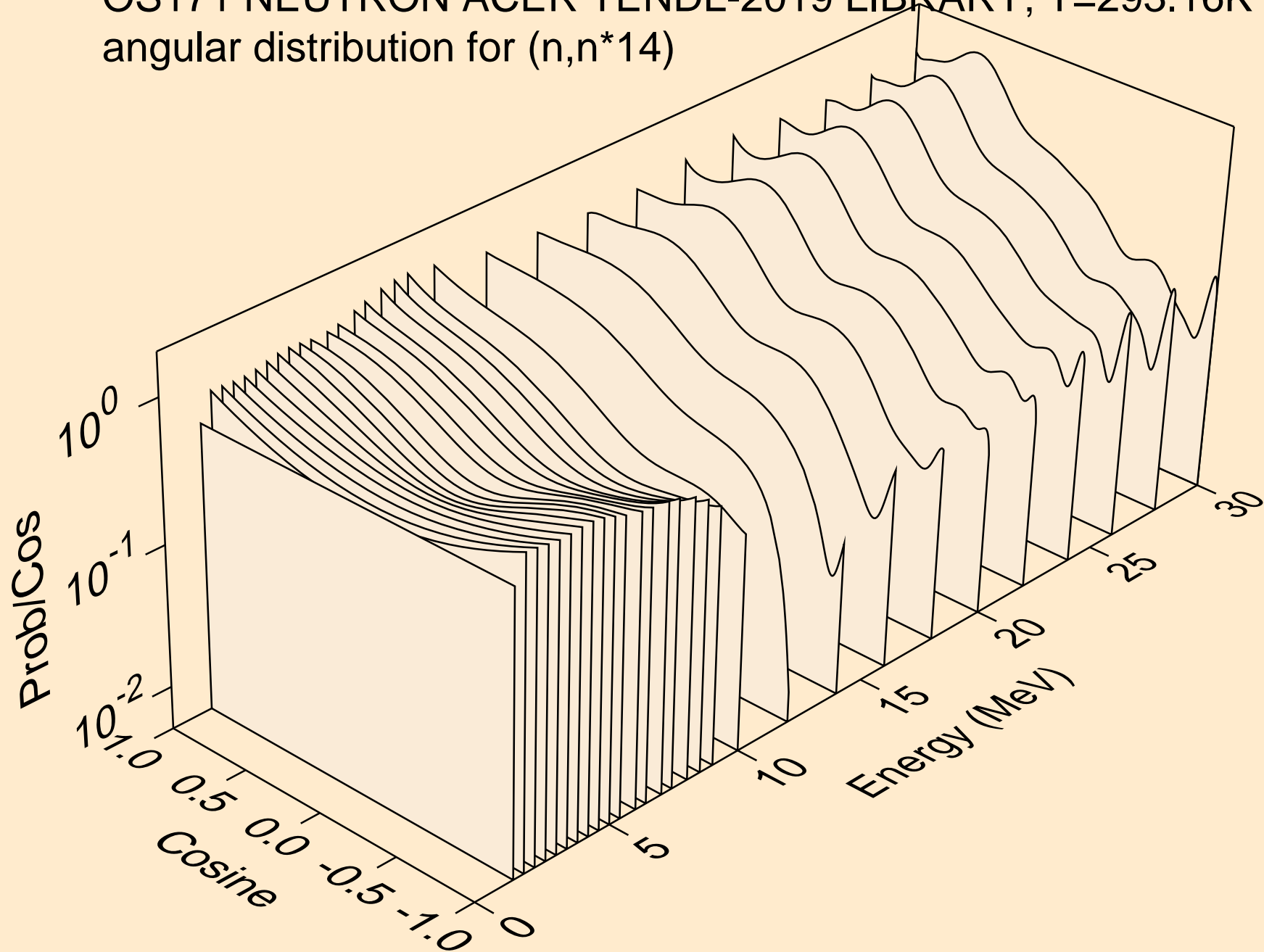
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



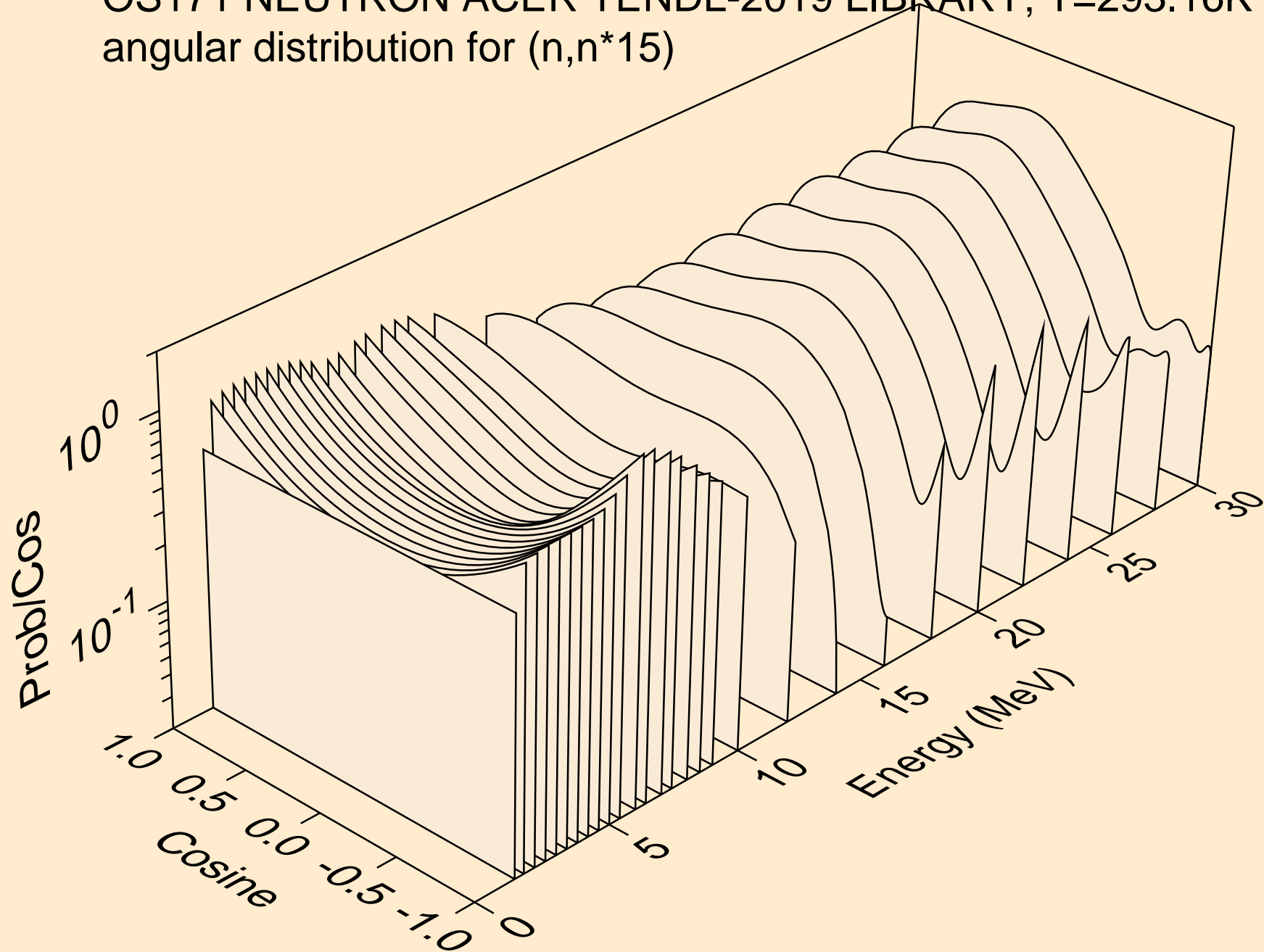
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



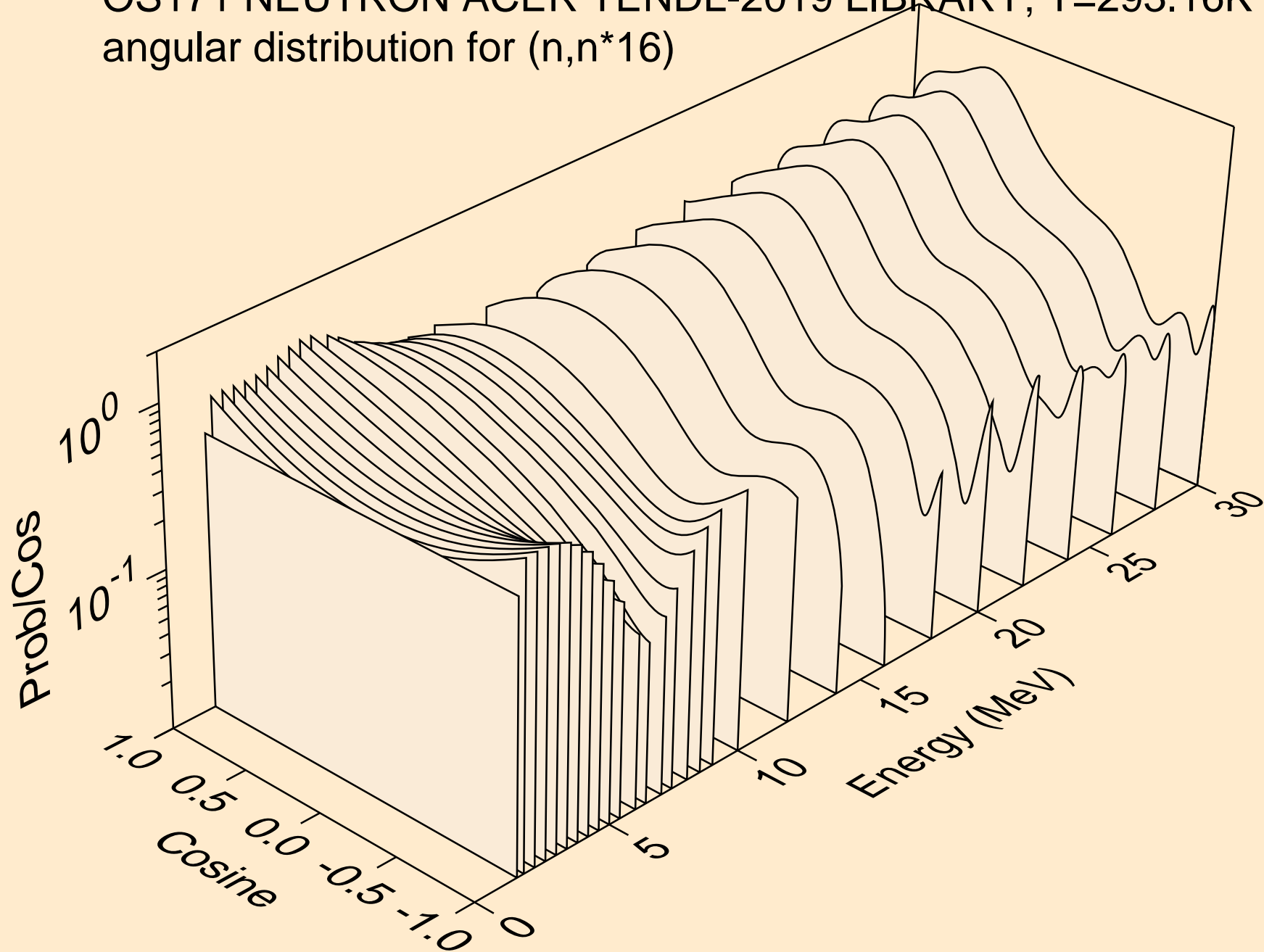
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



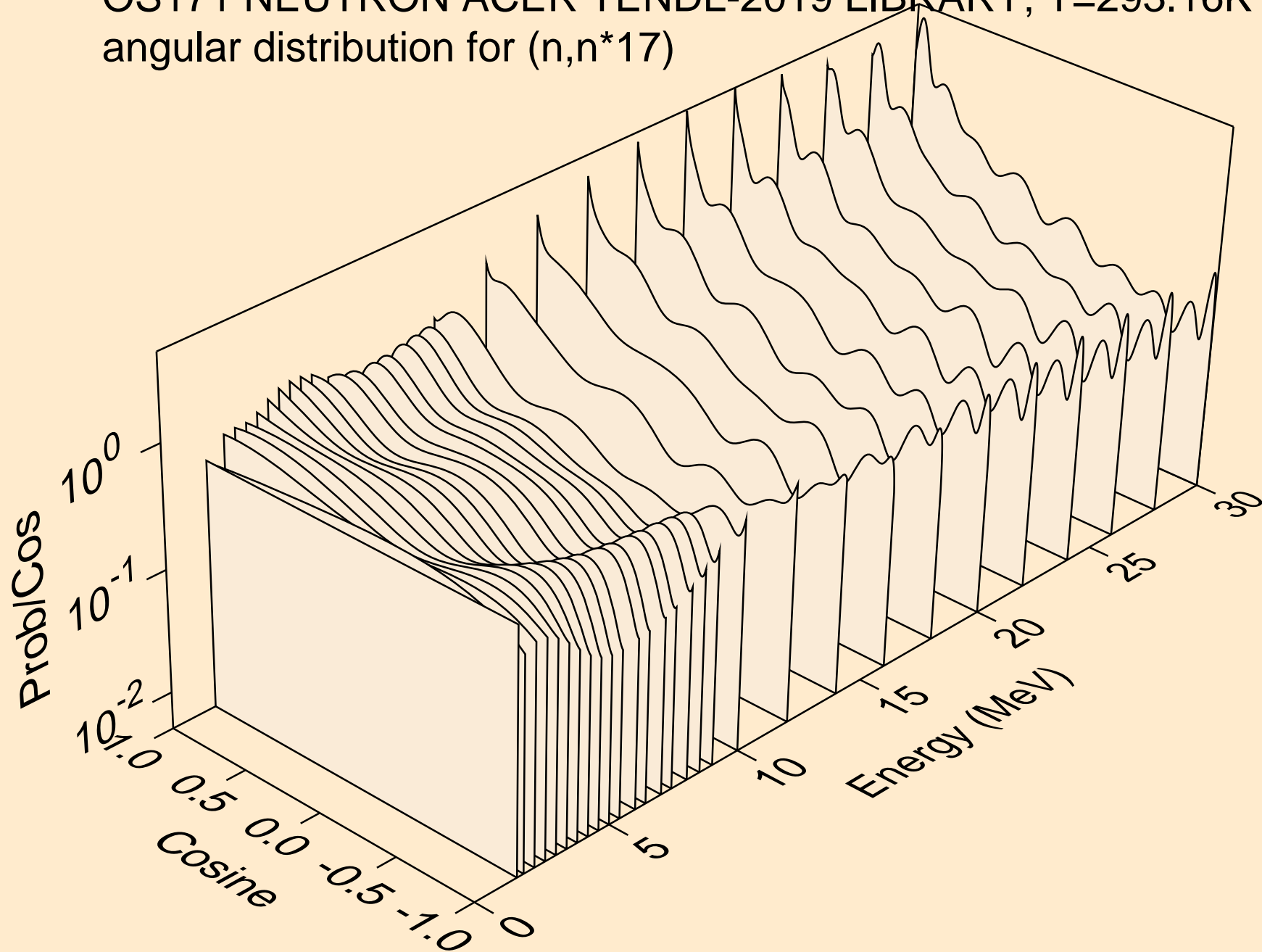
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*15)



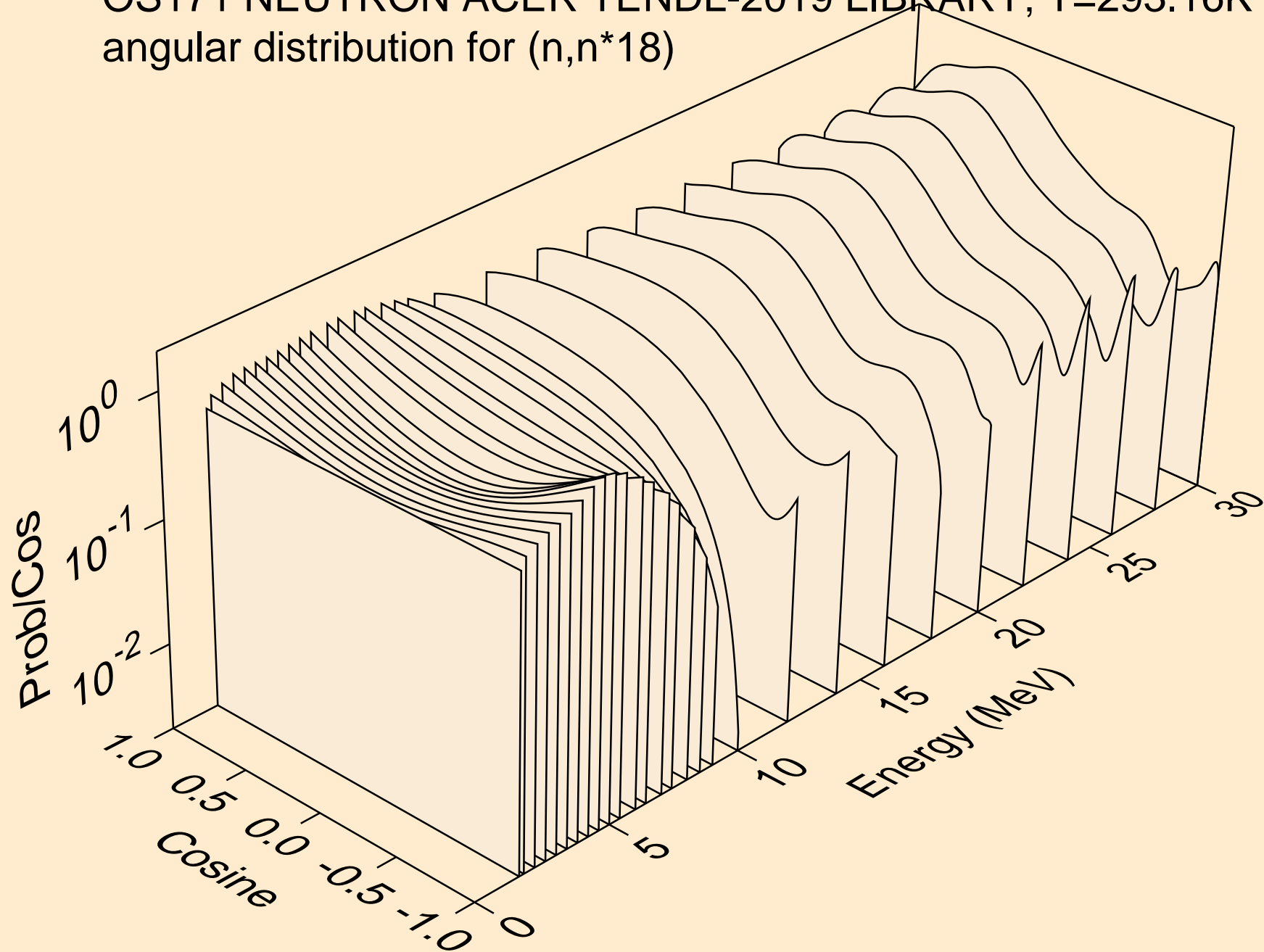
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*16)



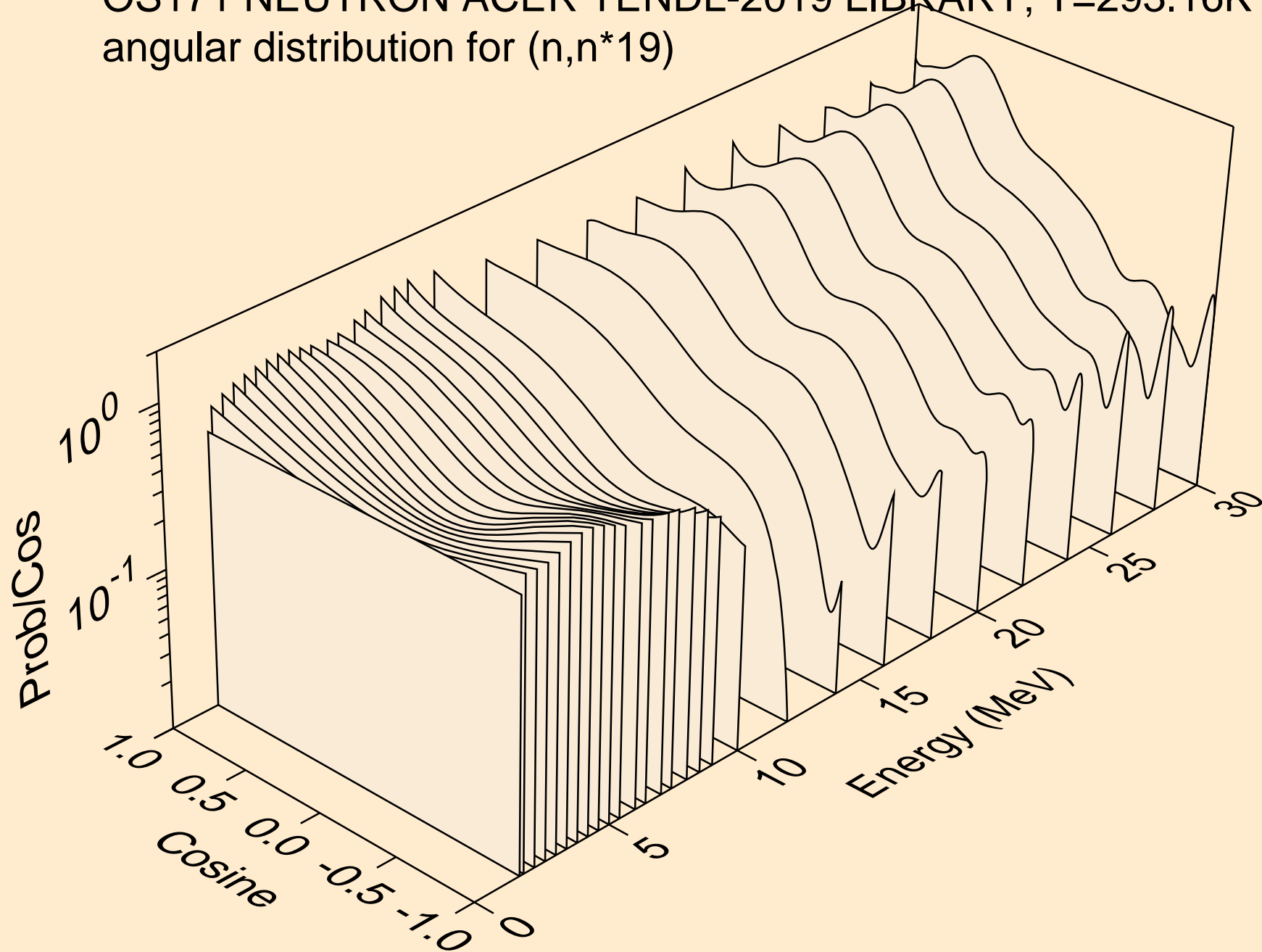
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*17)



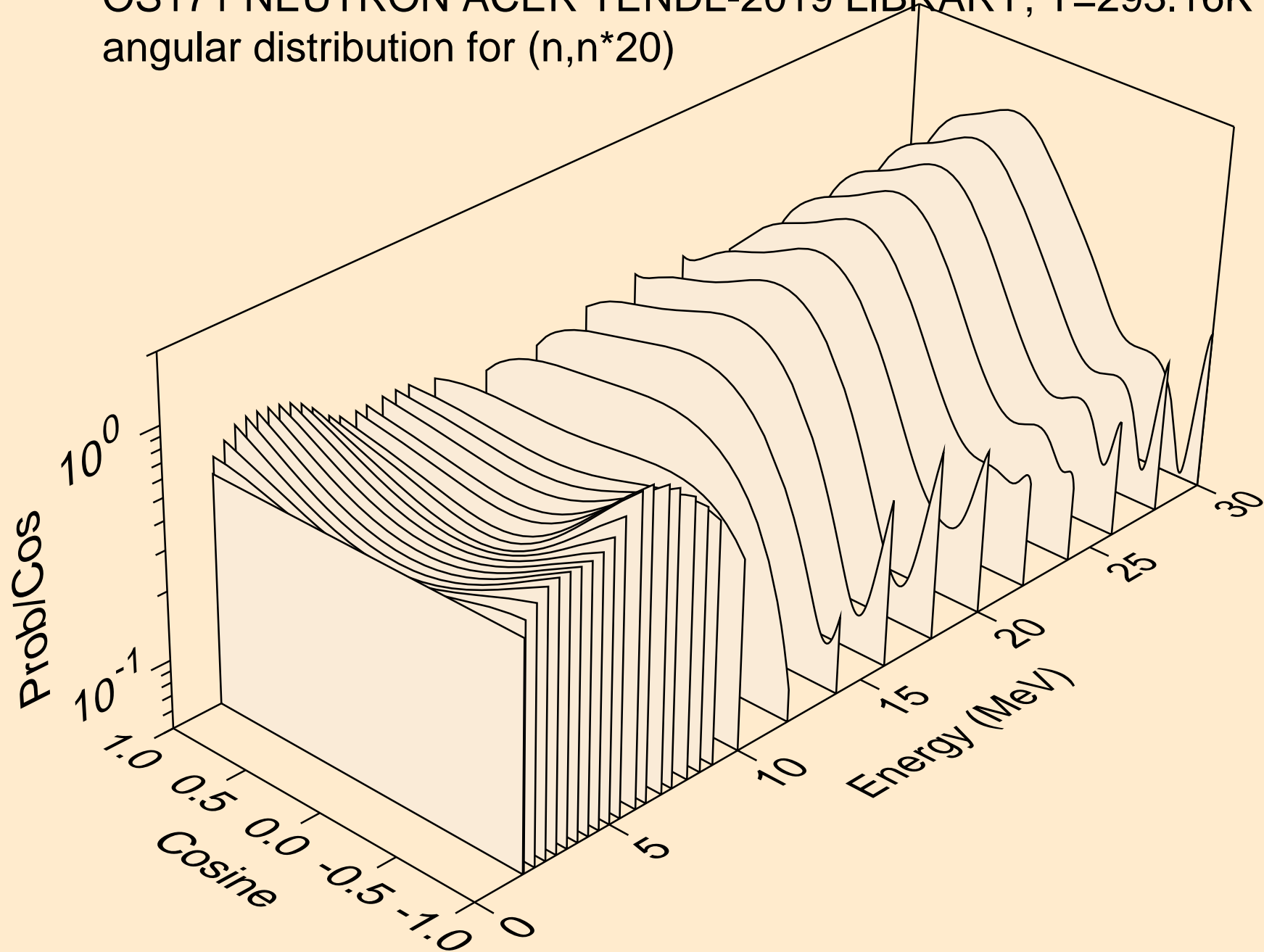
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*18)



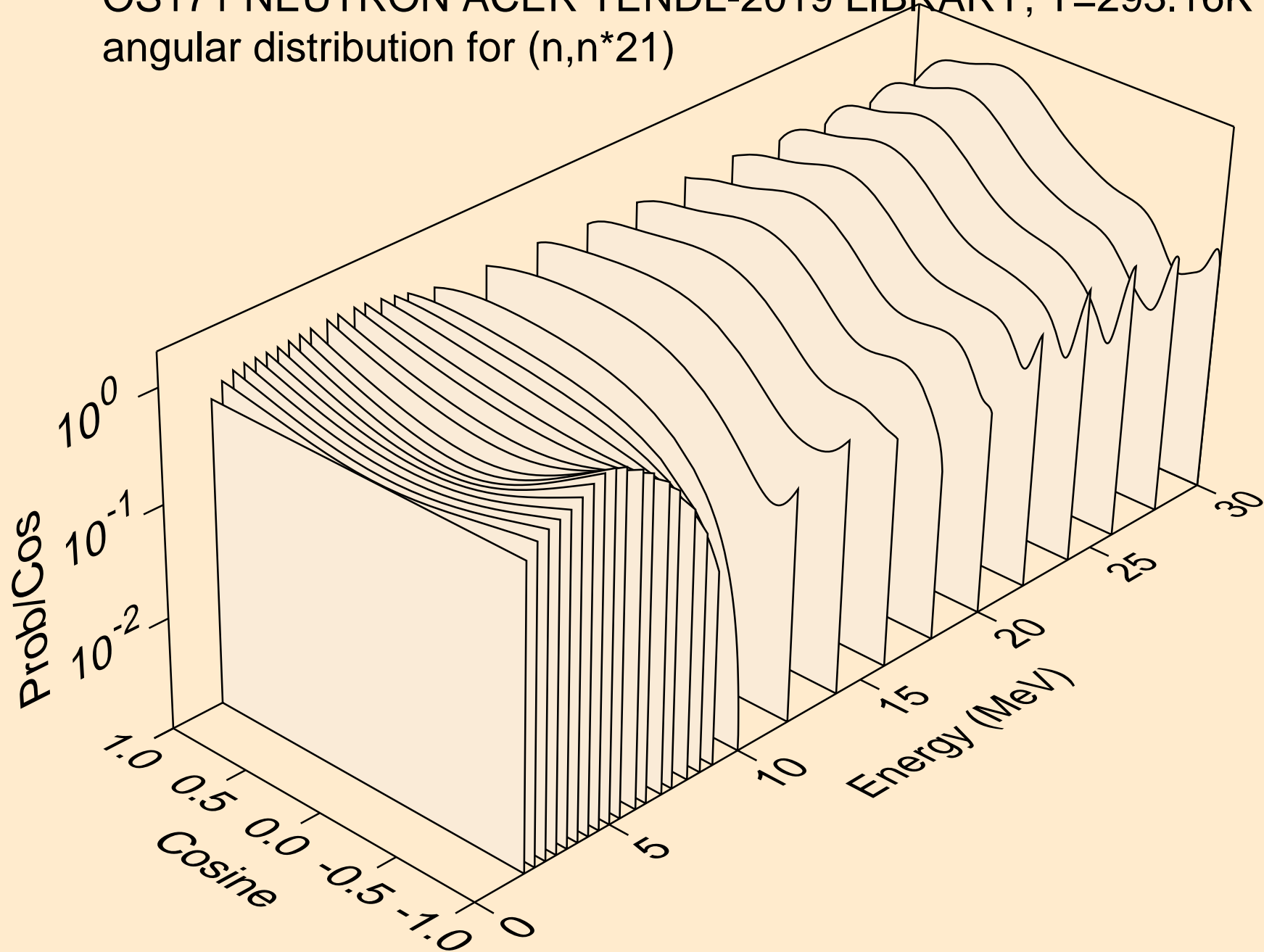
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*19)



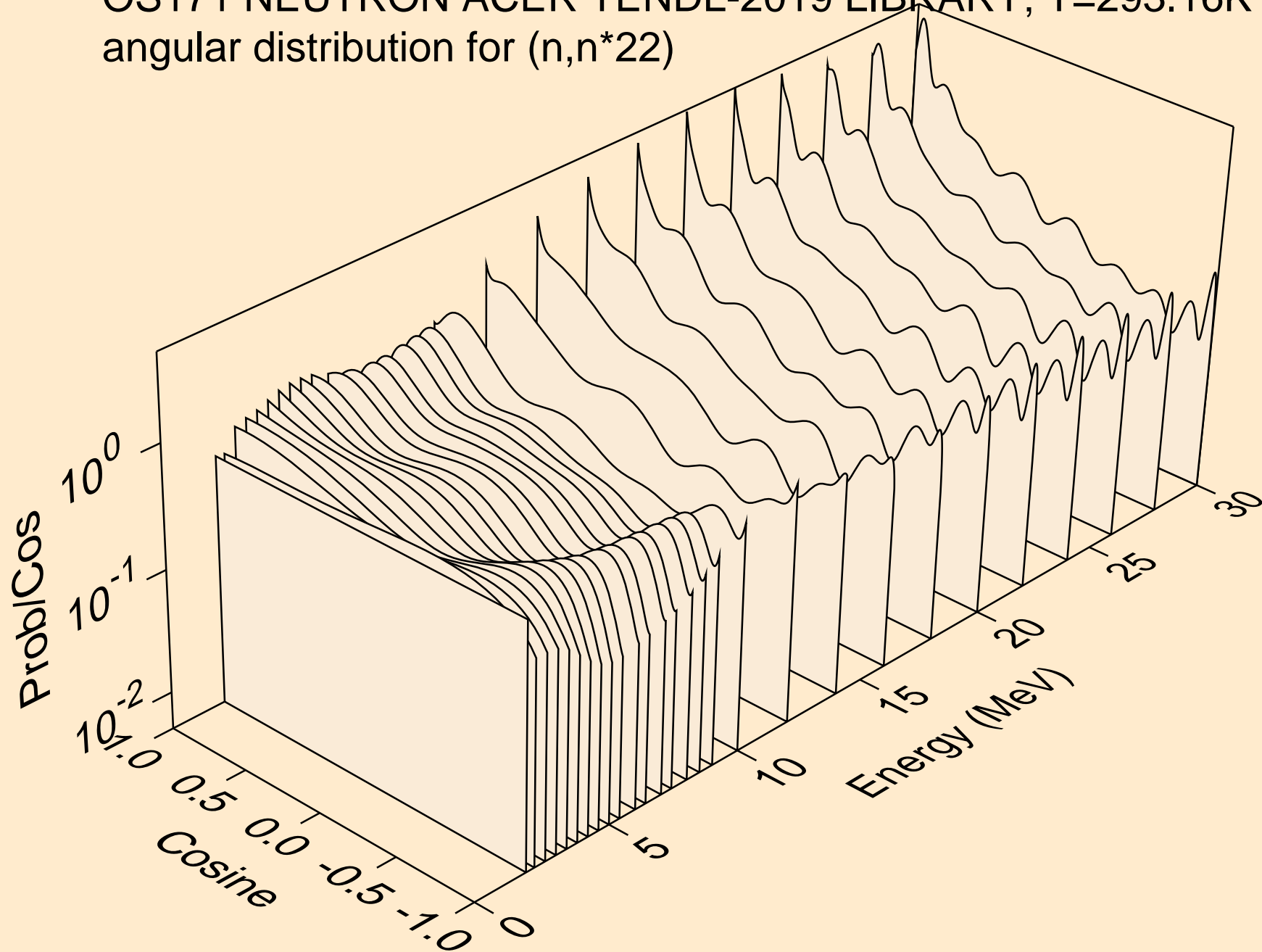
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*20)



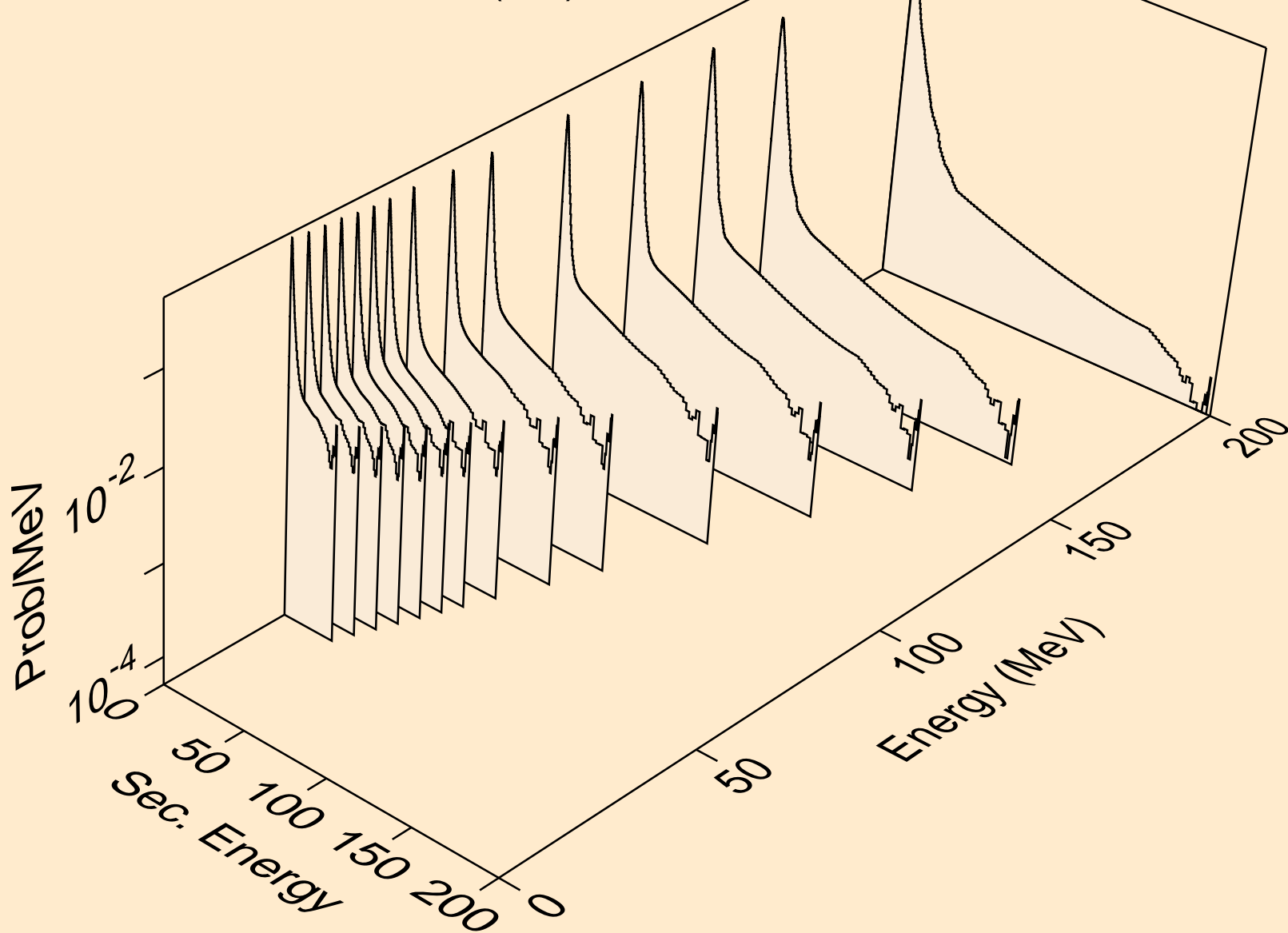
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*21)



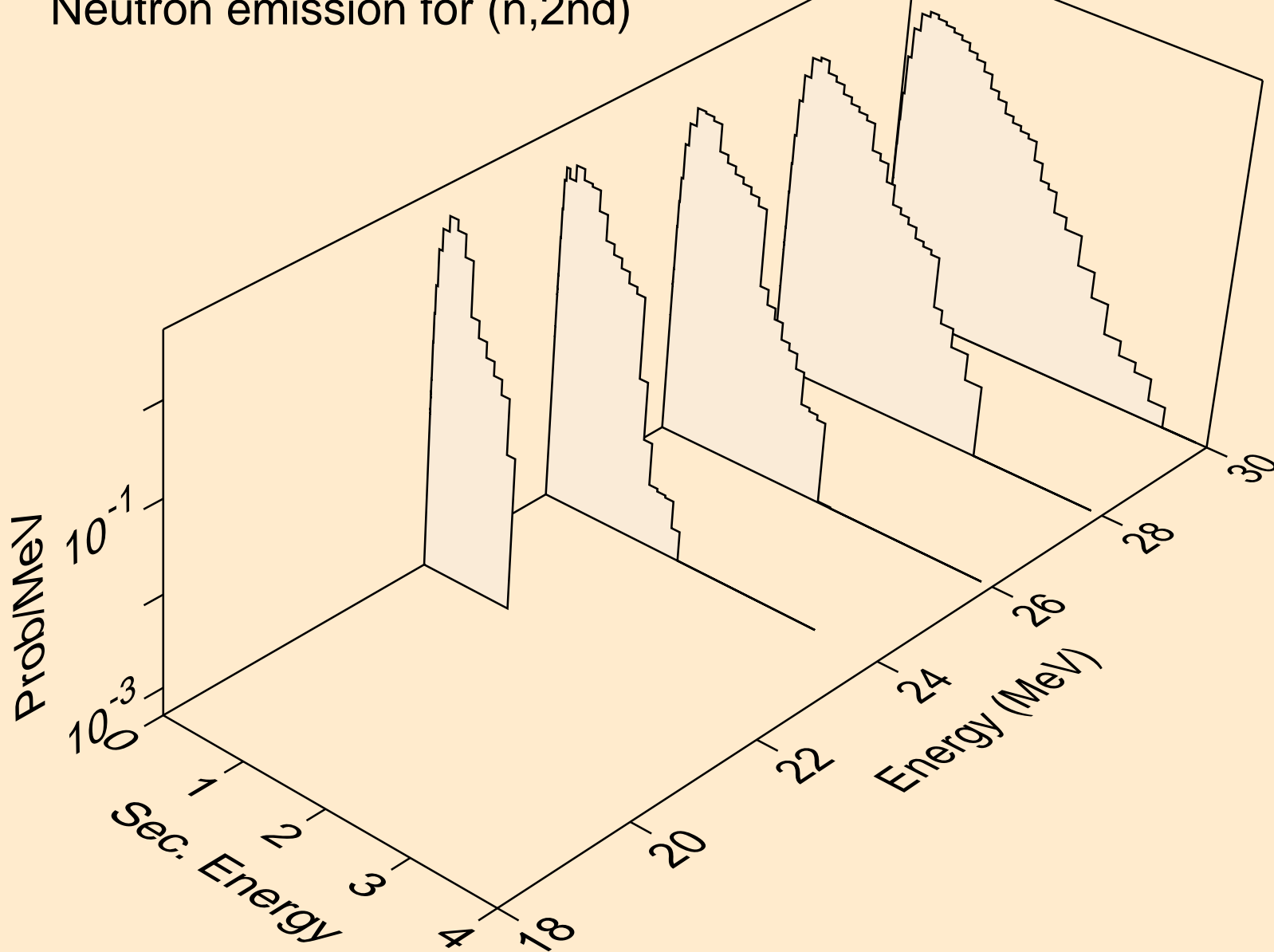
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*22)



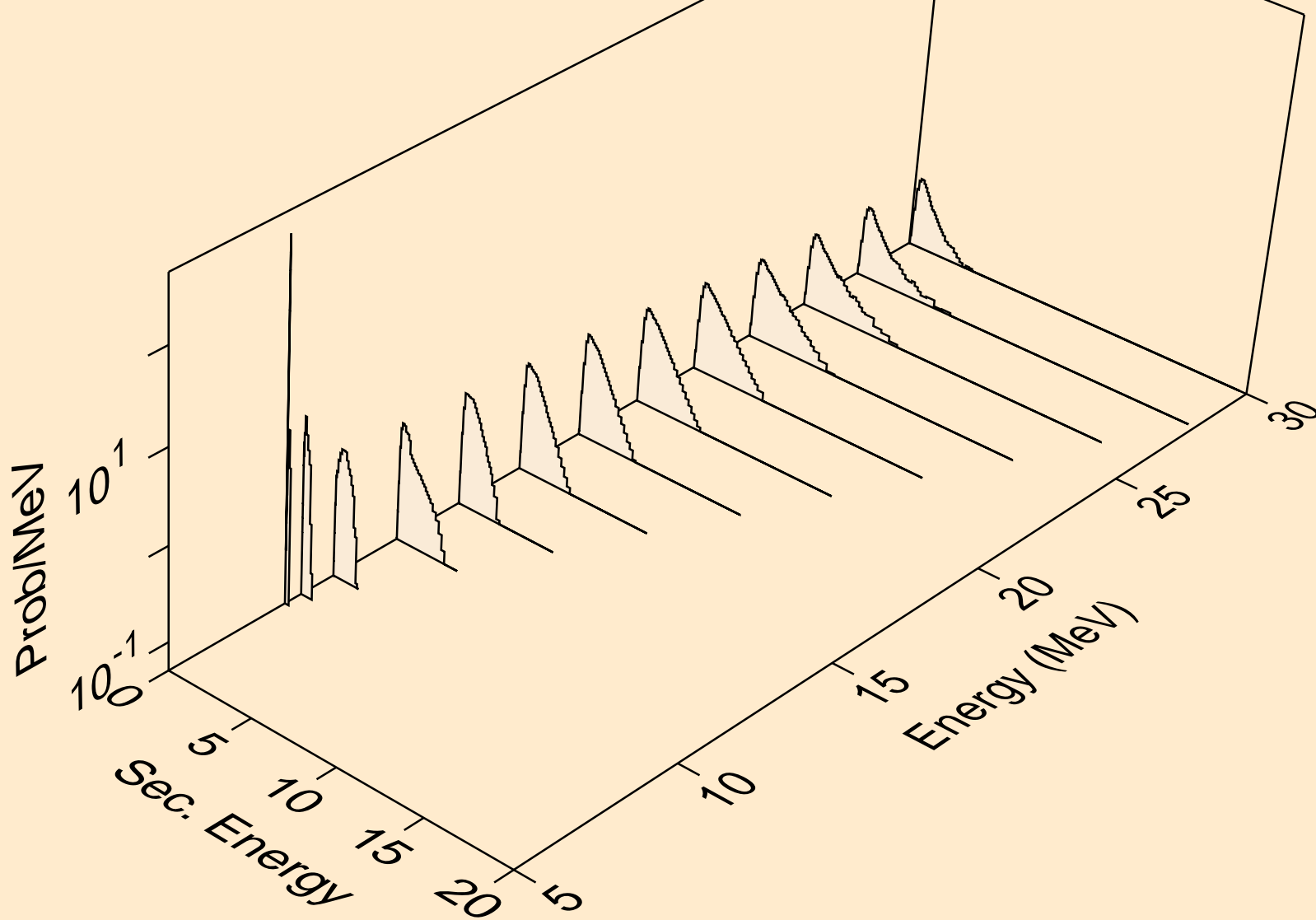
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



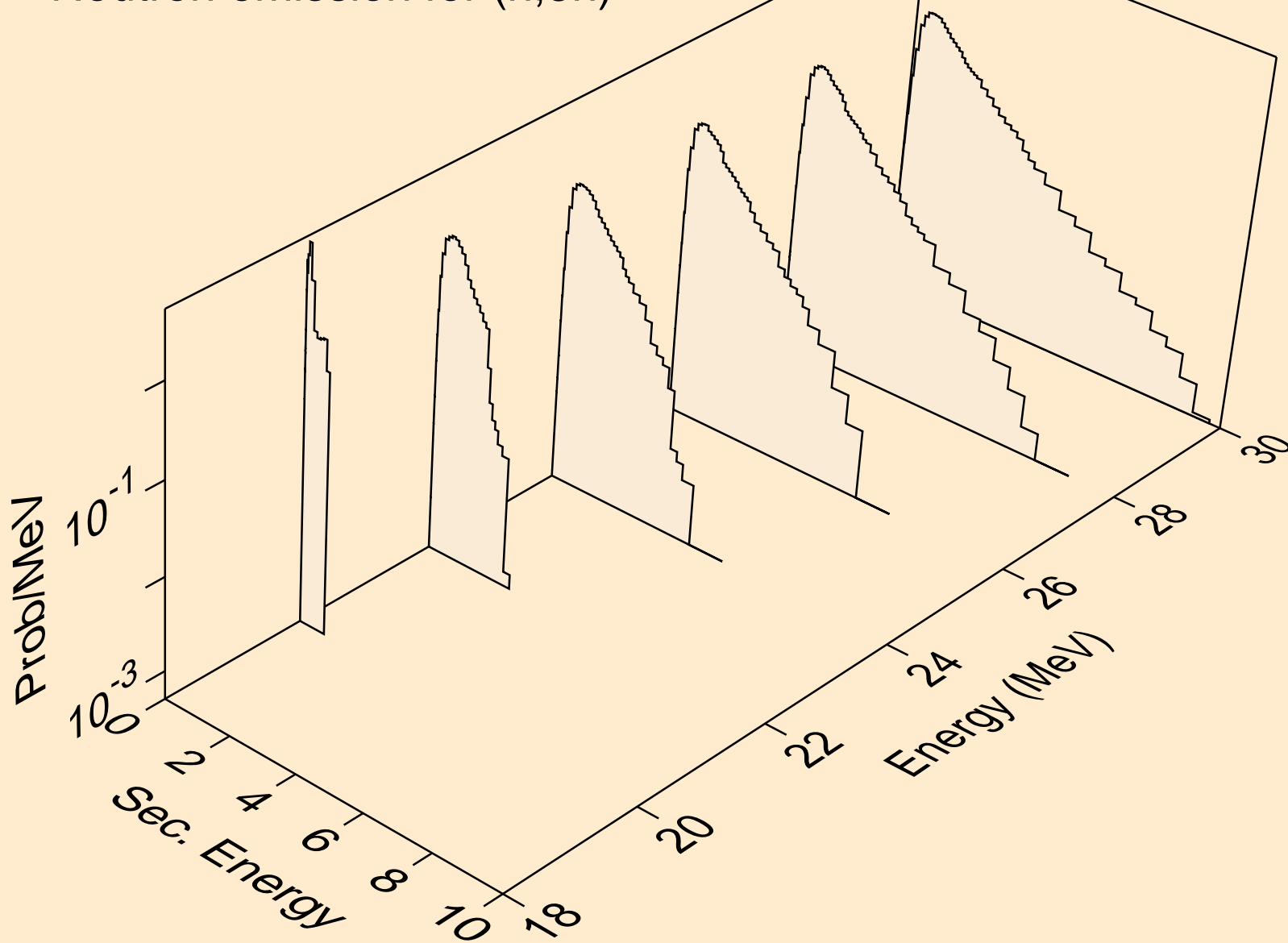
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



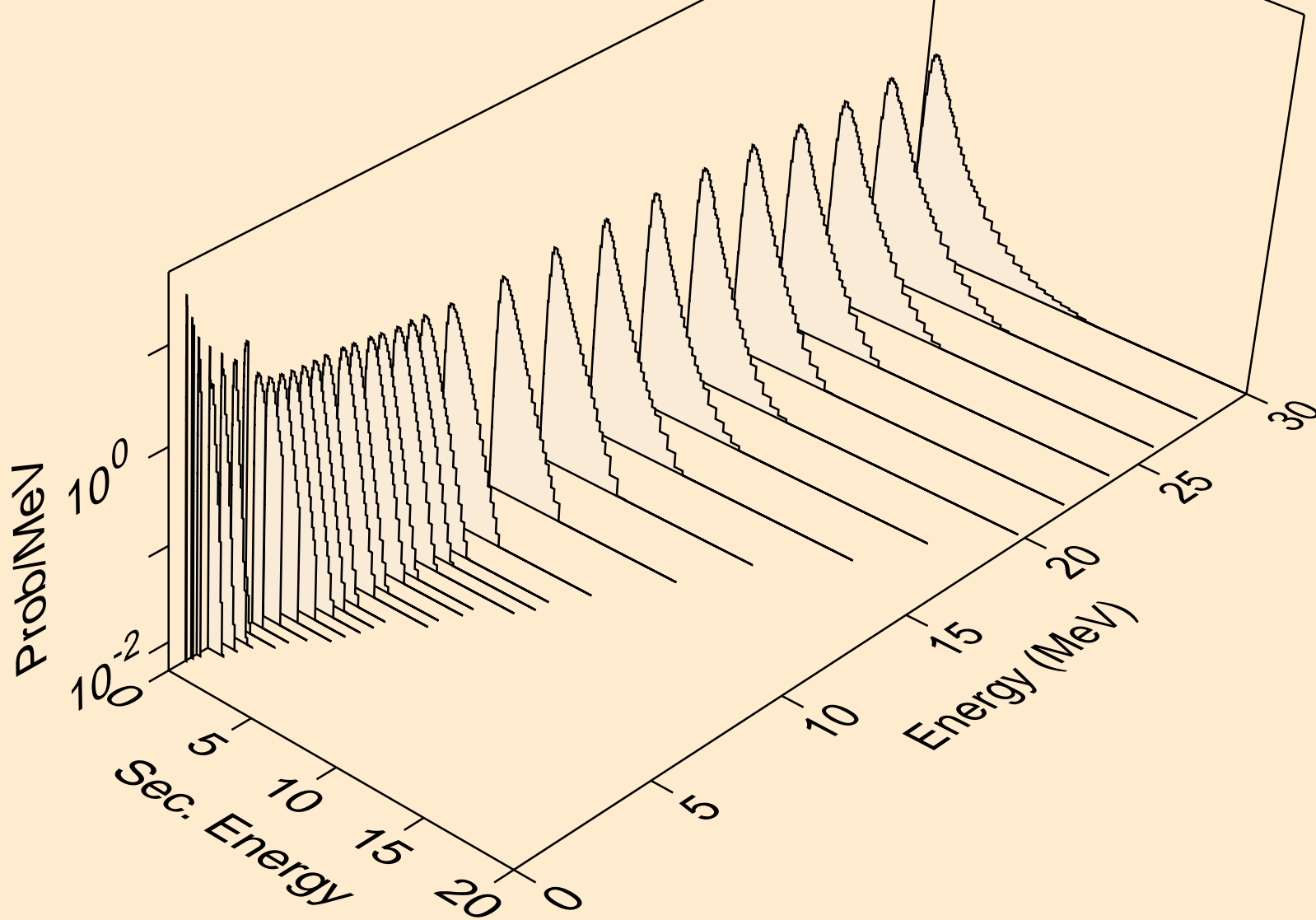
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



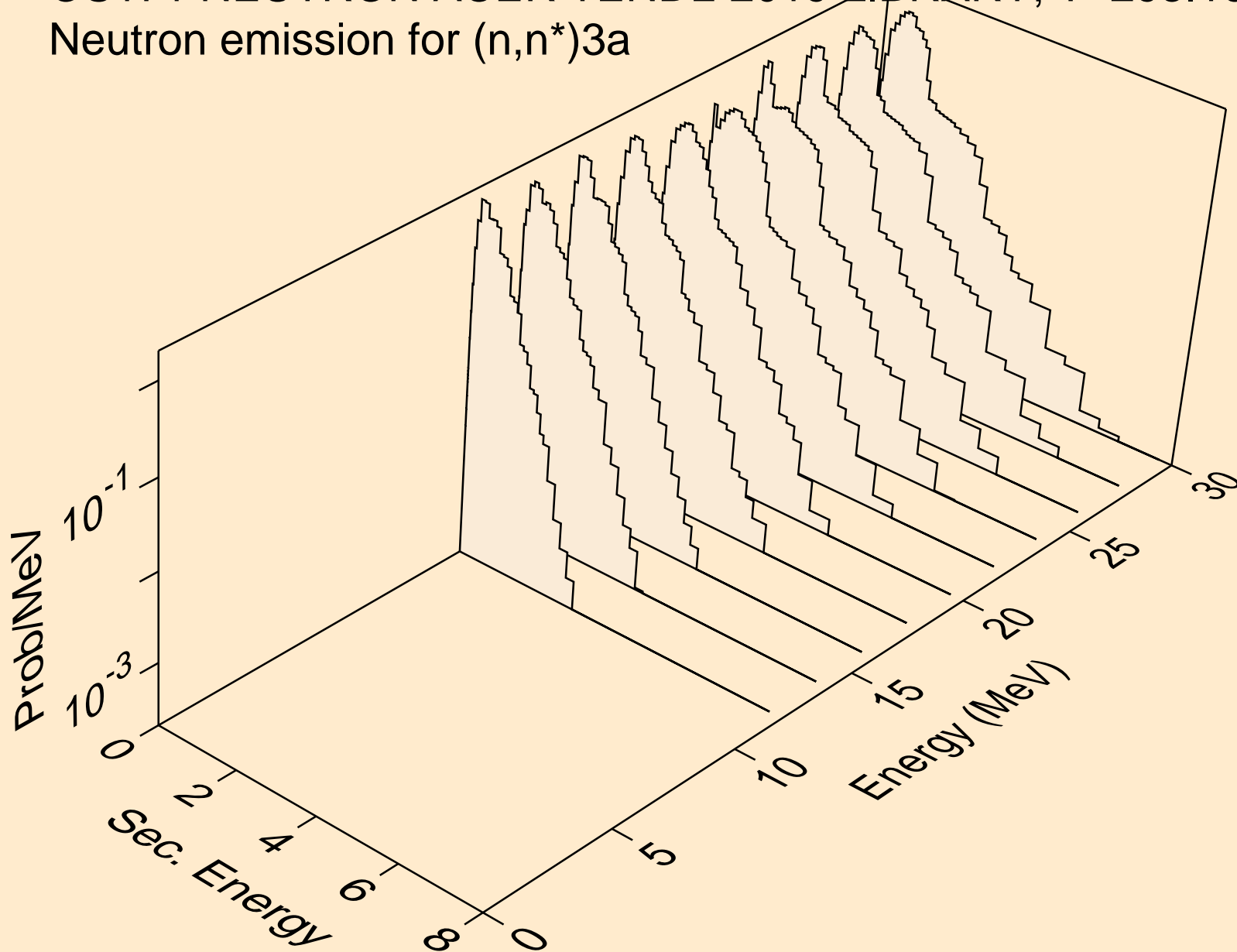
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



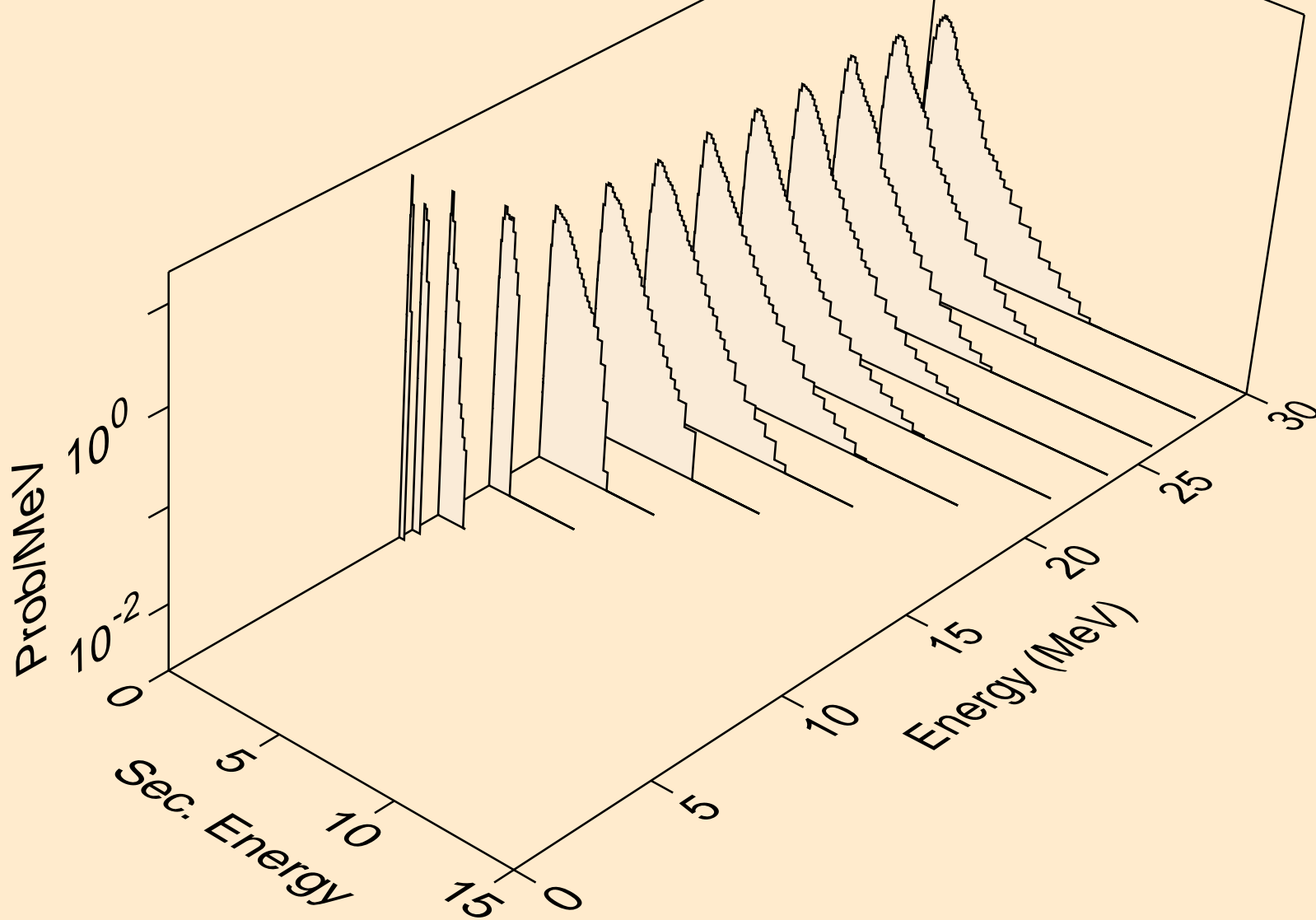
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



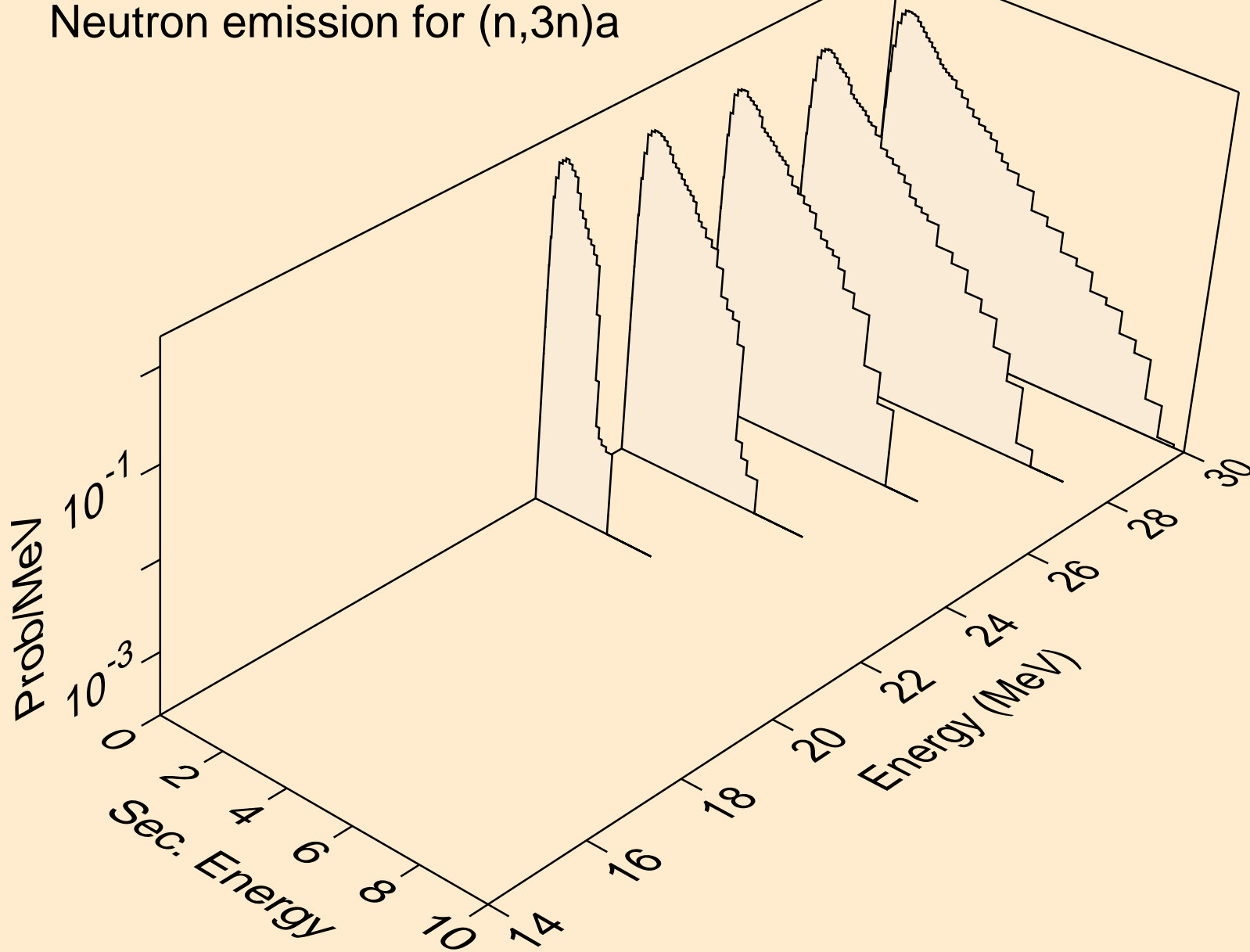
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)3a



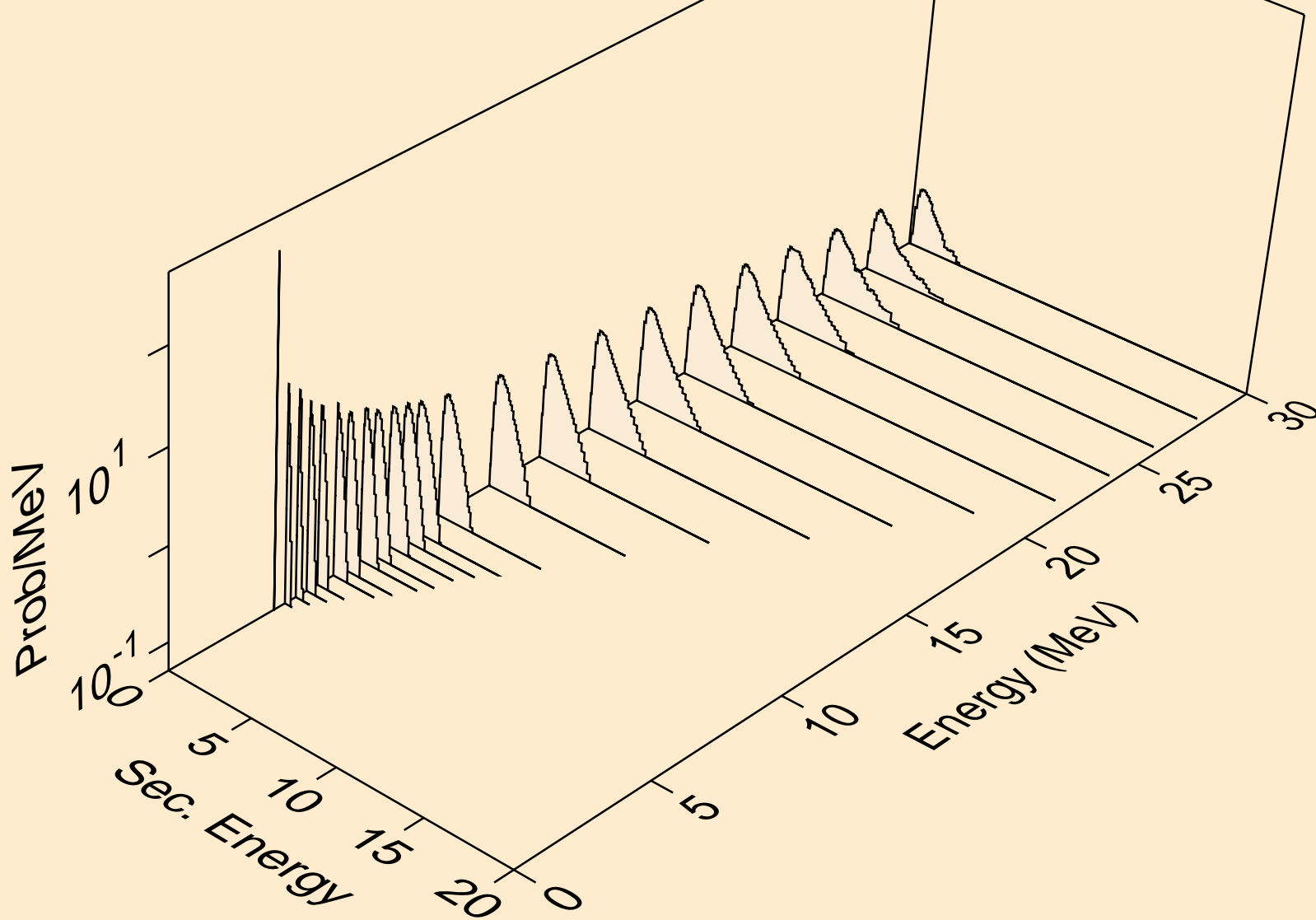
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



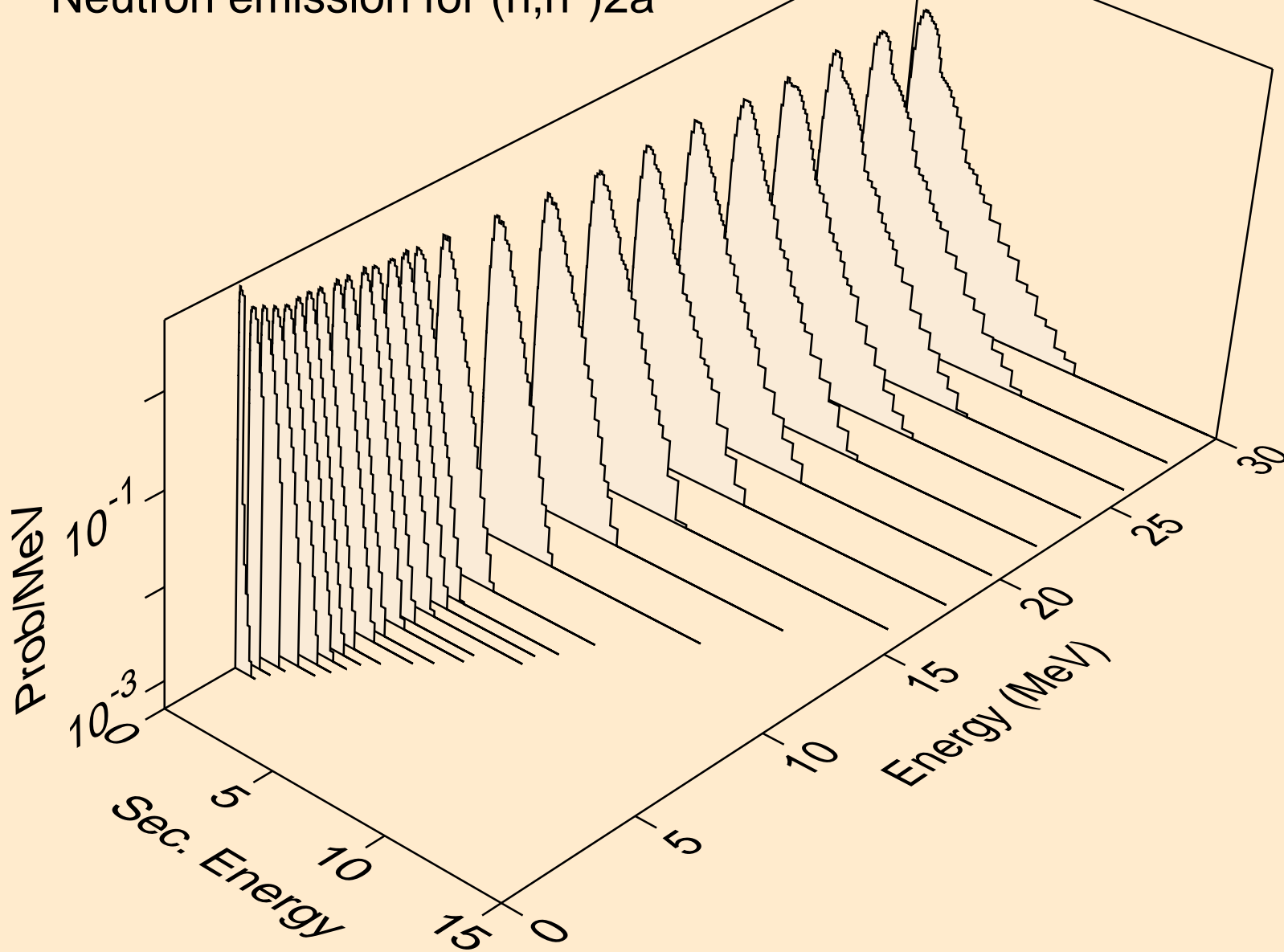
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



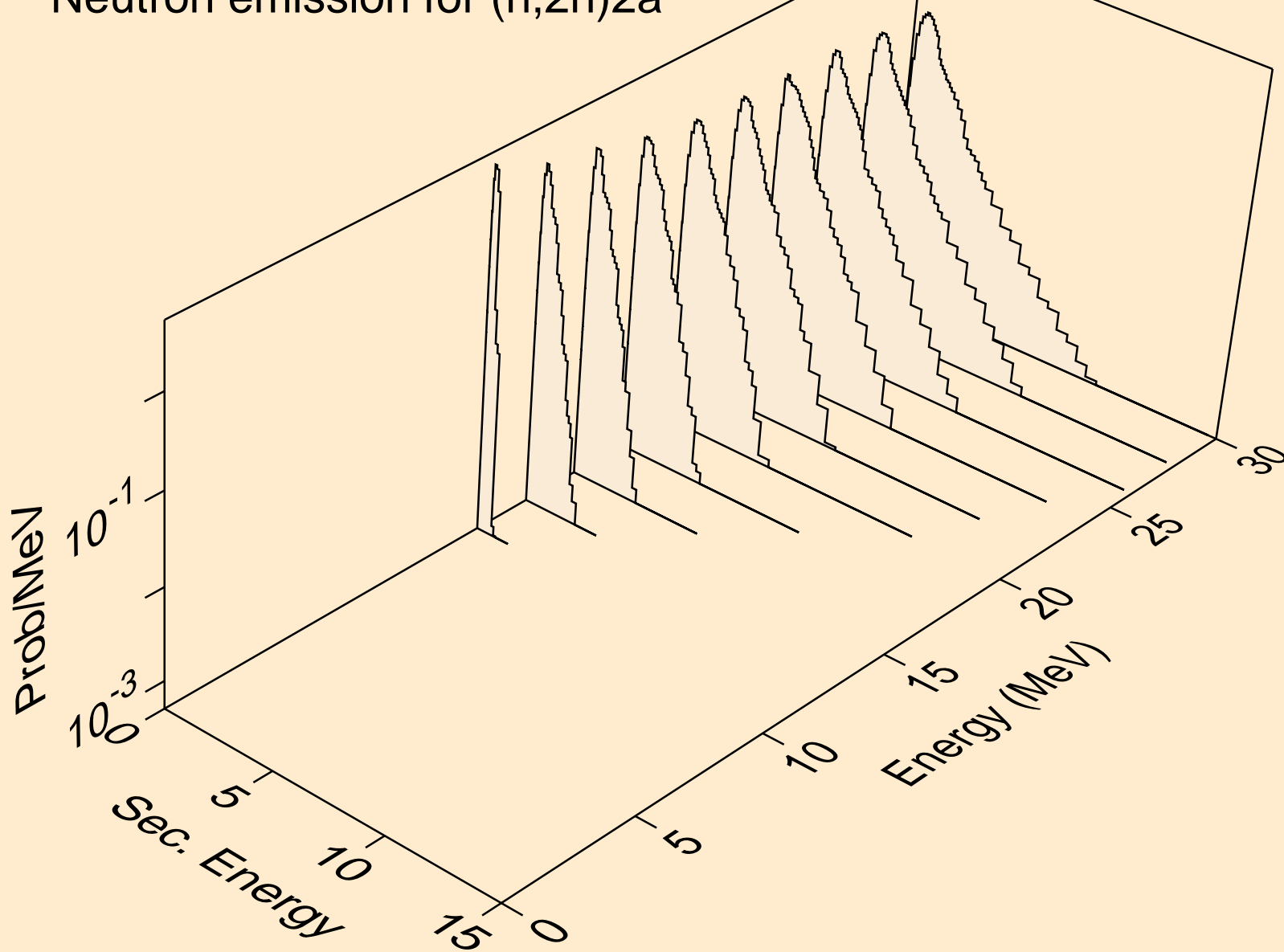
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



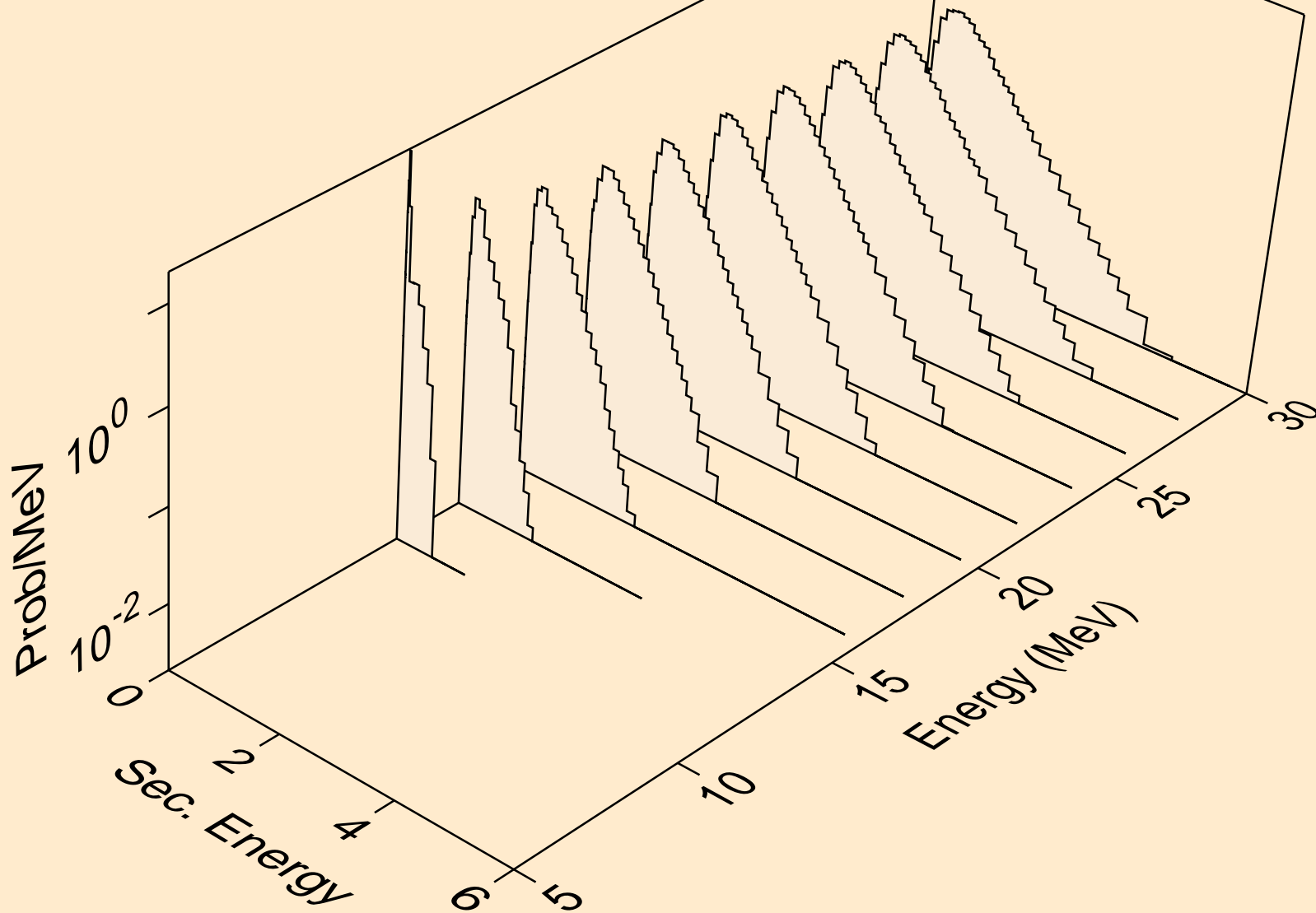
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



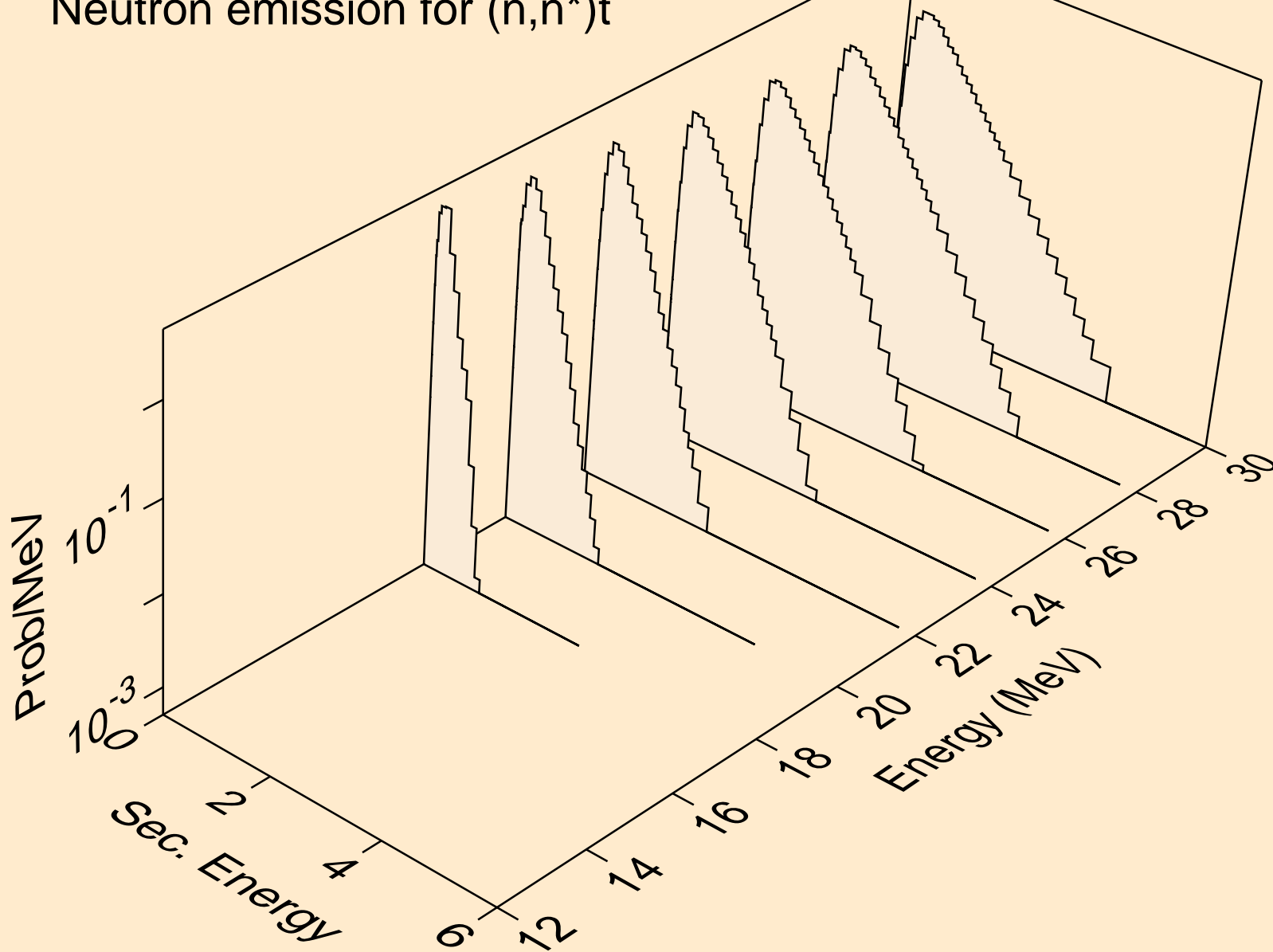
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



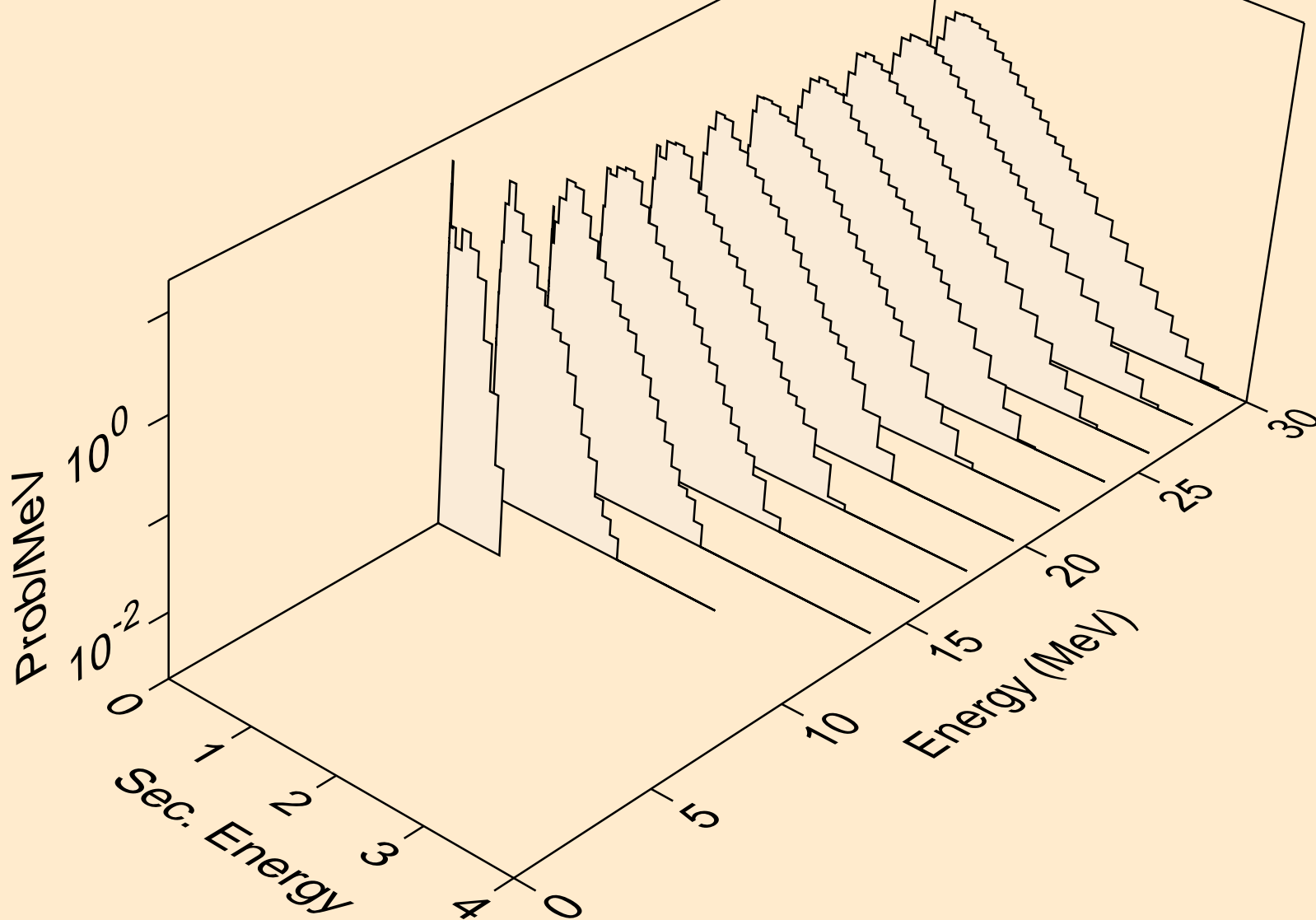
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



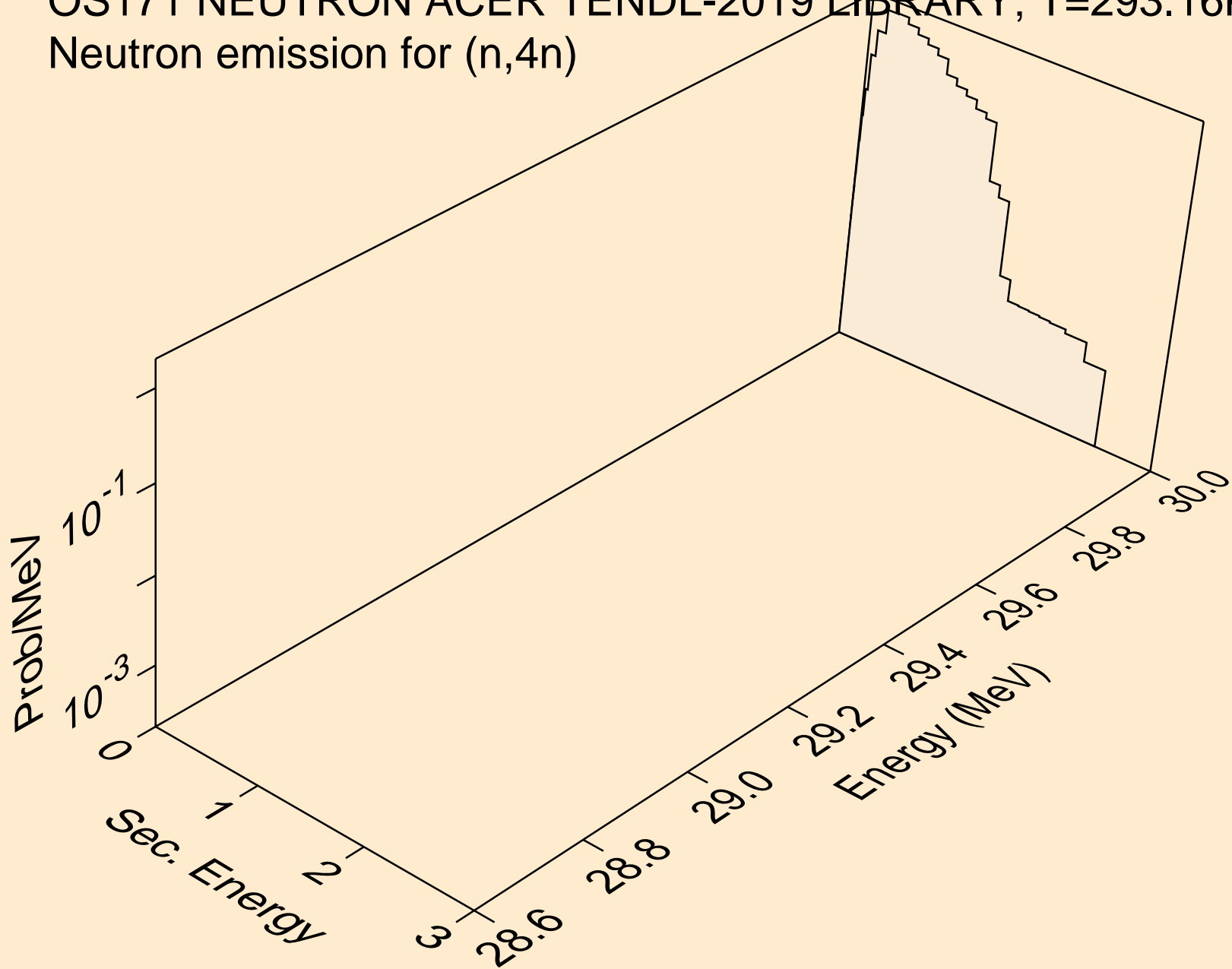
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



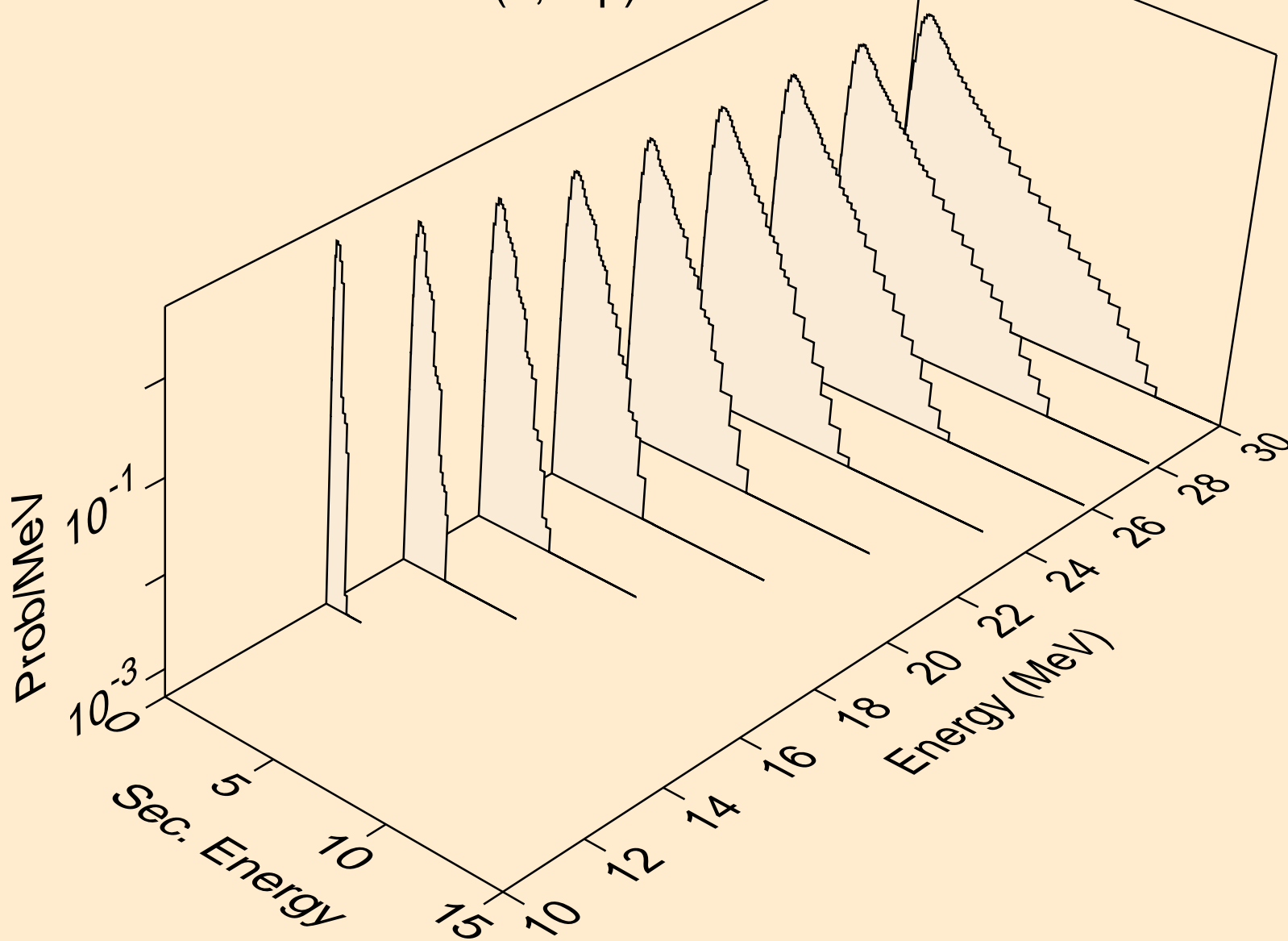
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



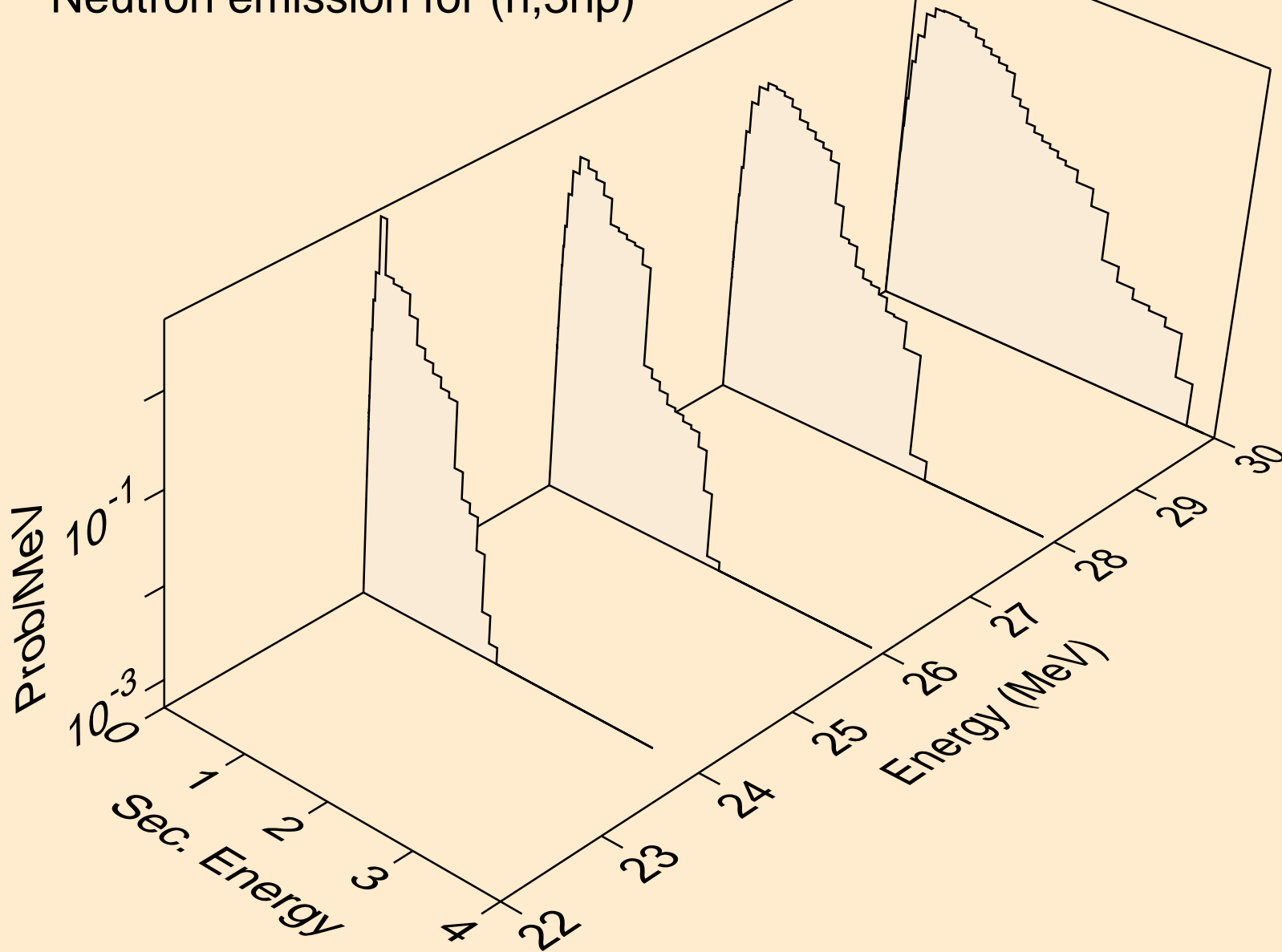
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



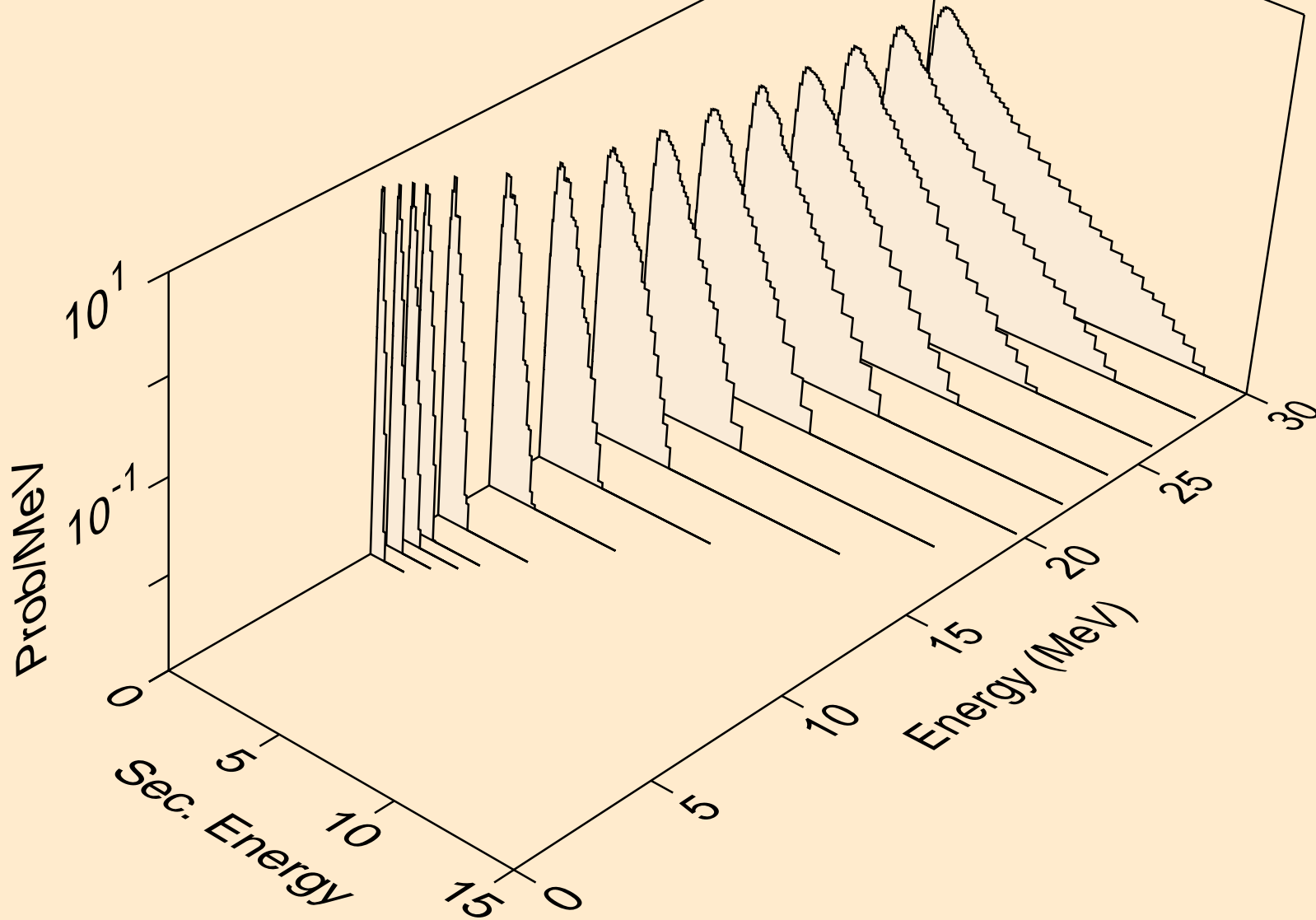
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



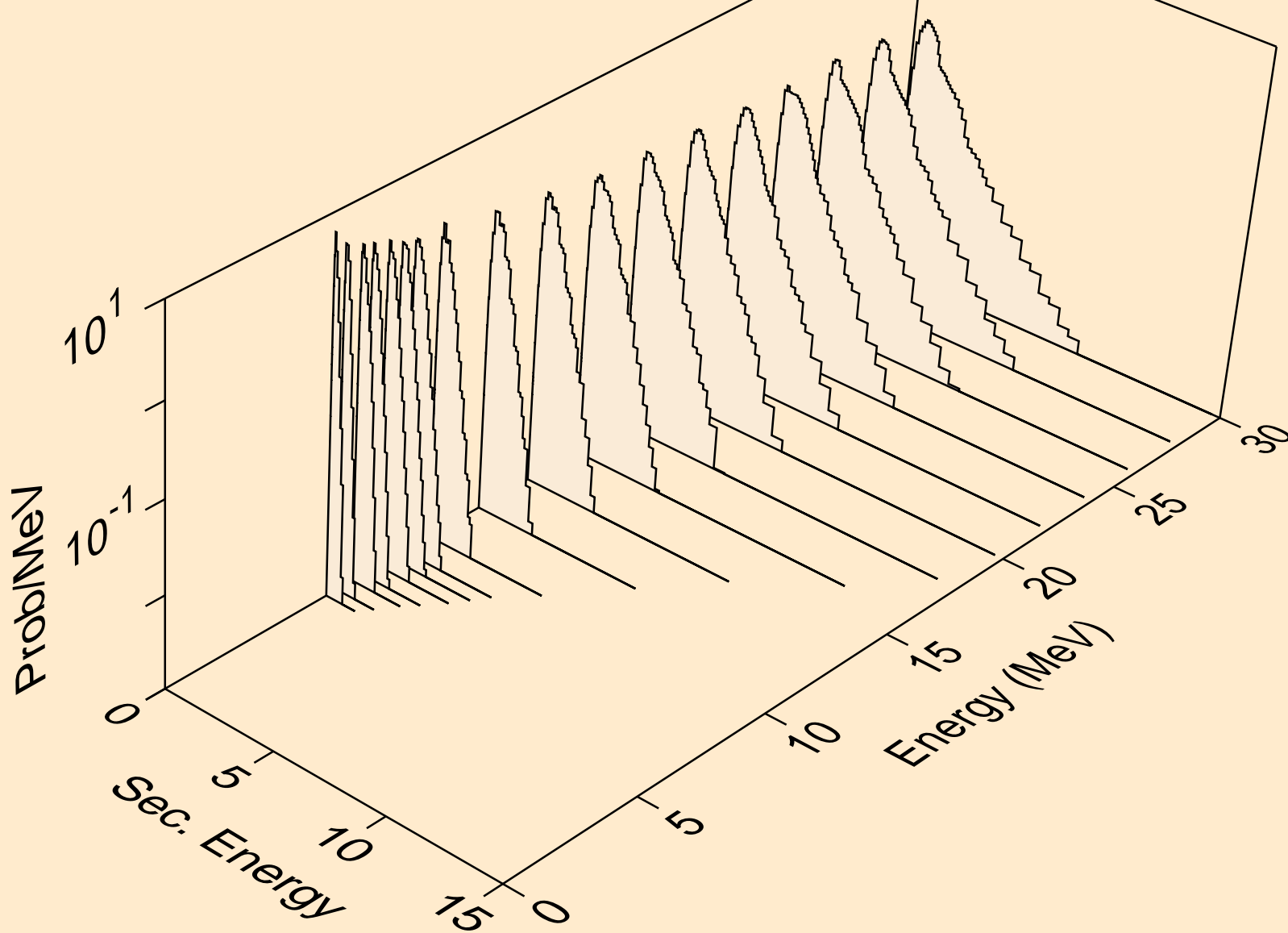
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



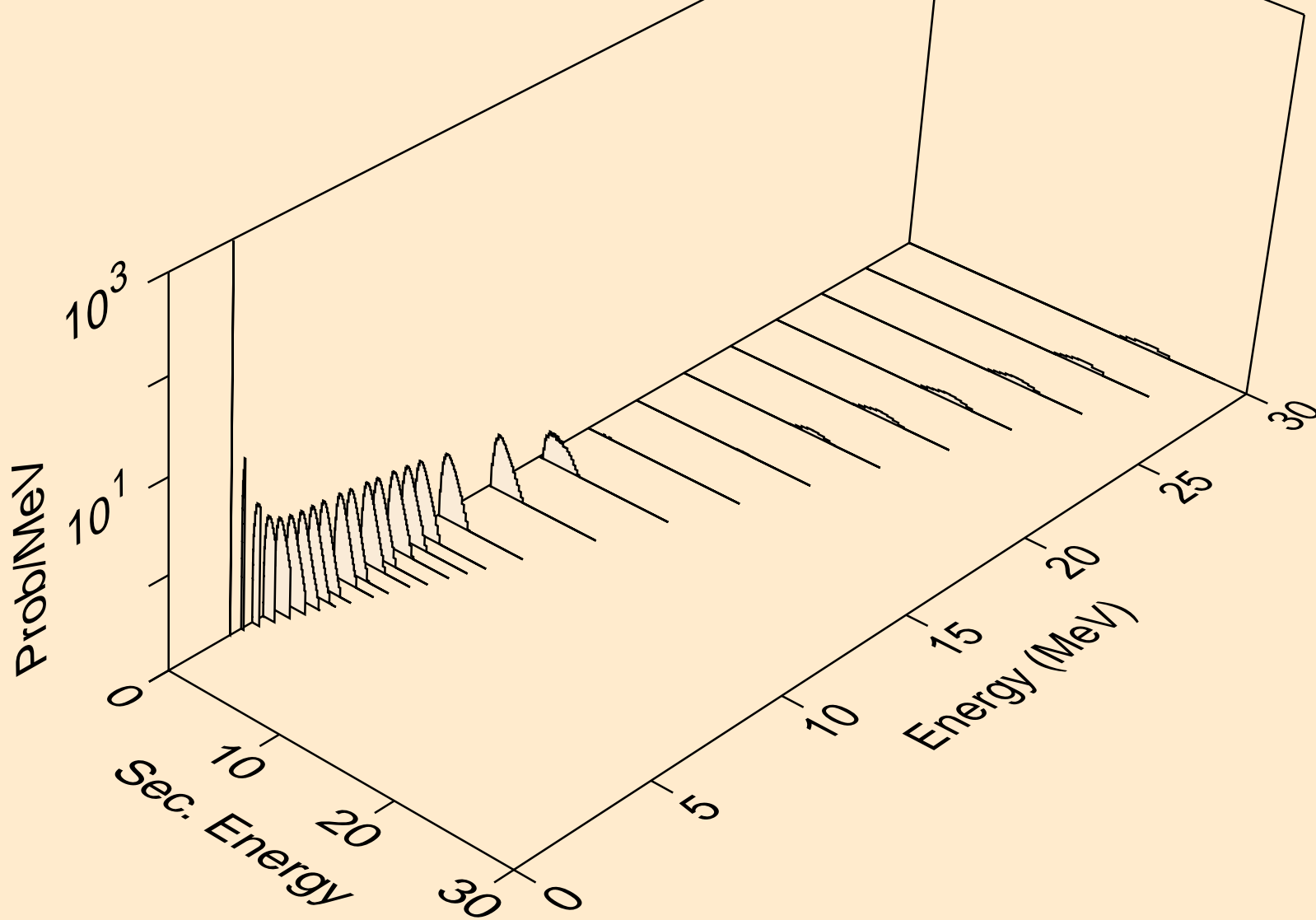
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



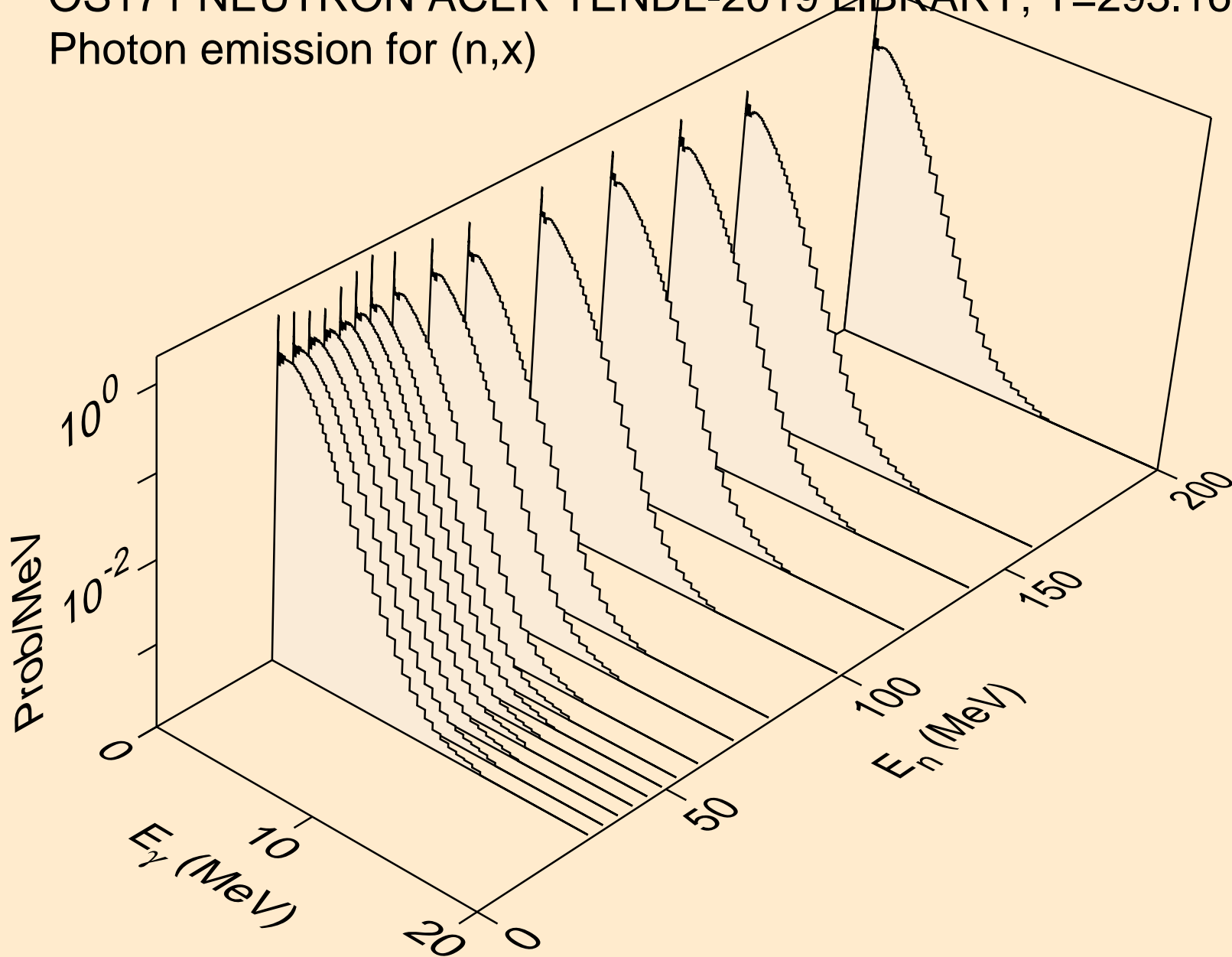
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



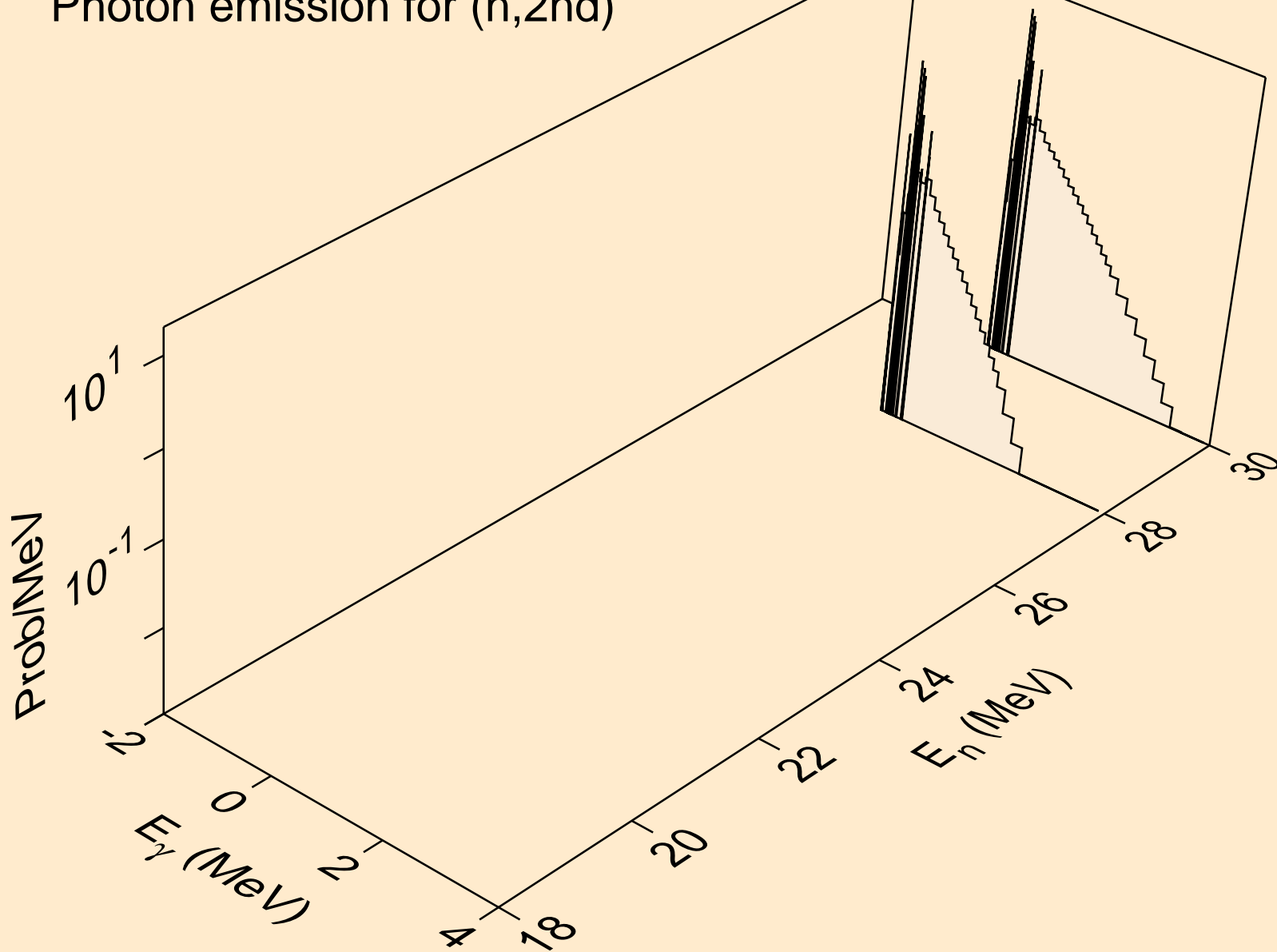
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



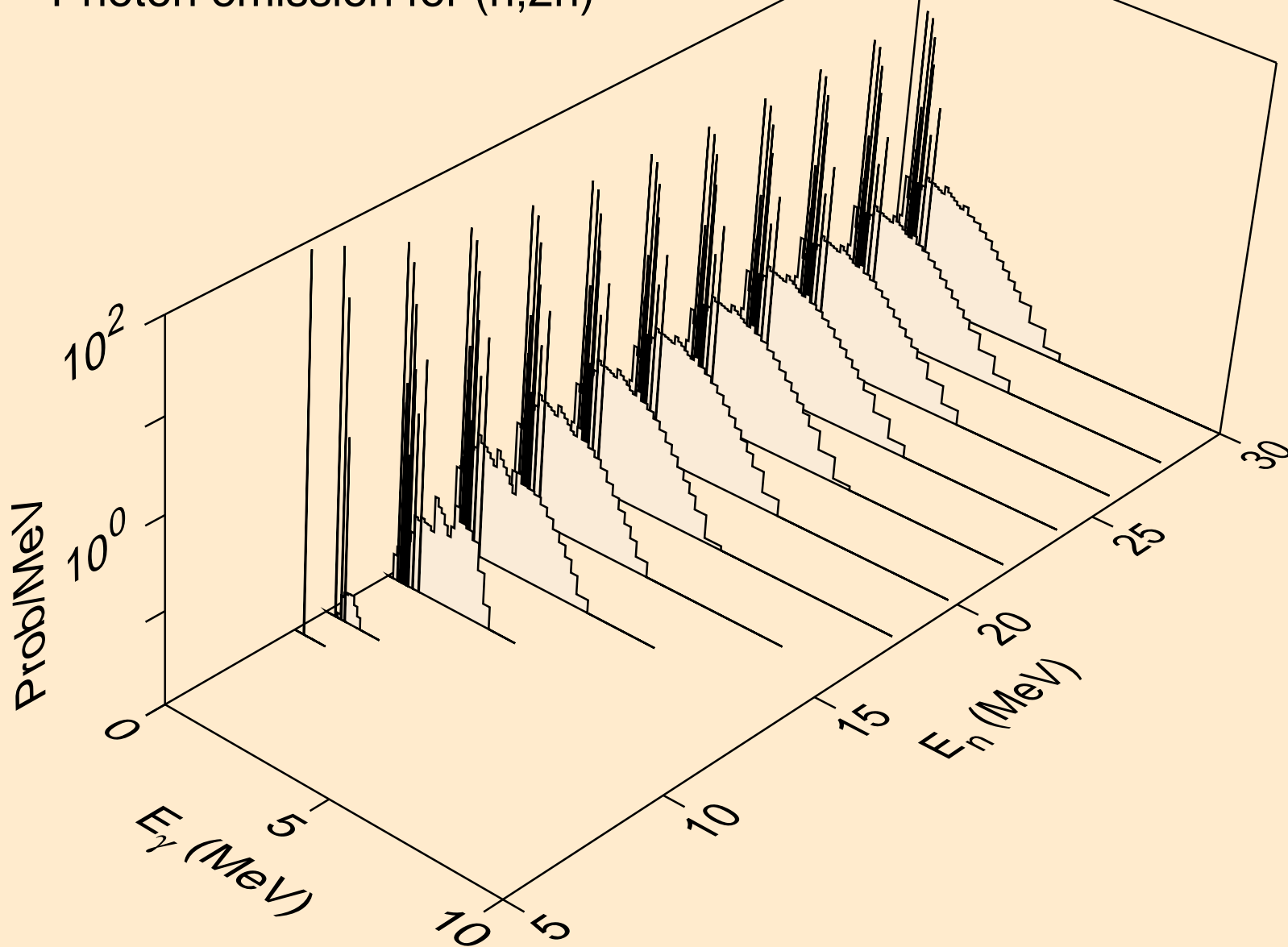
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



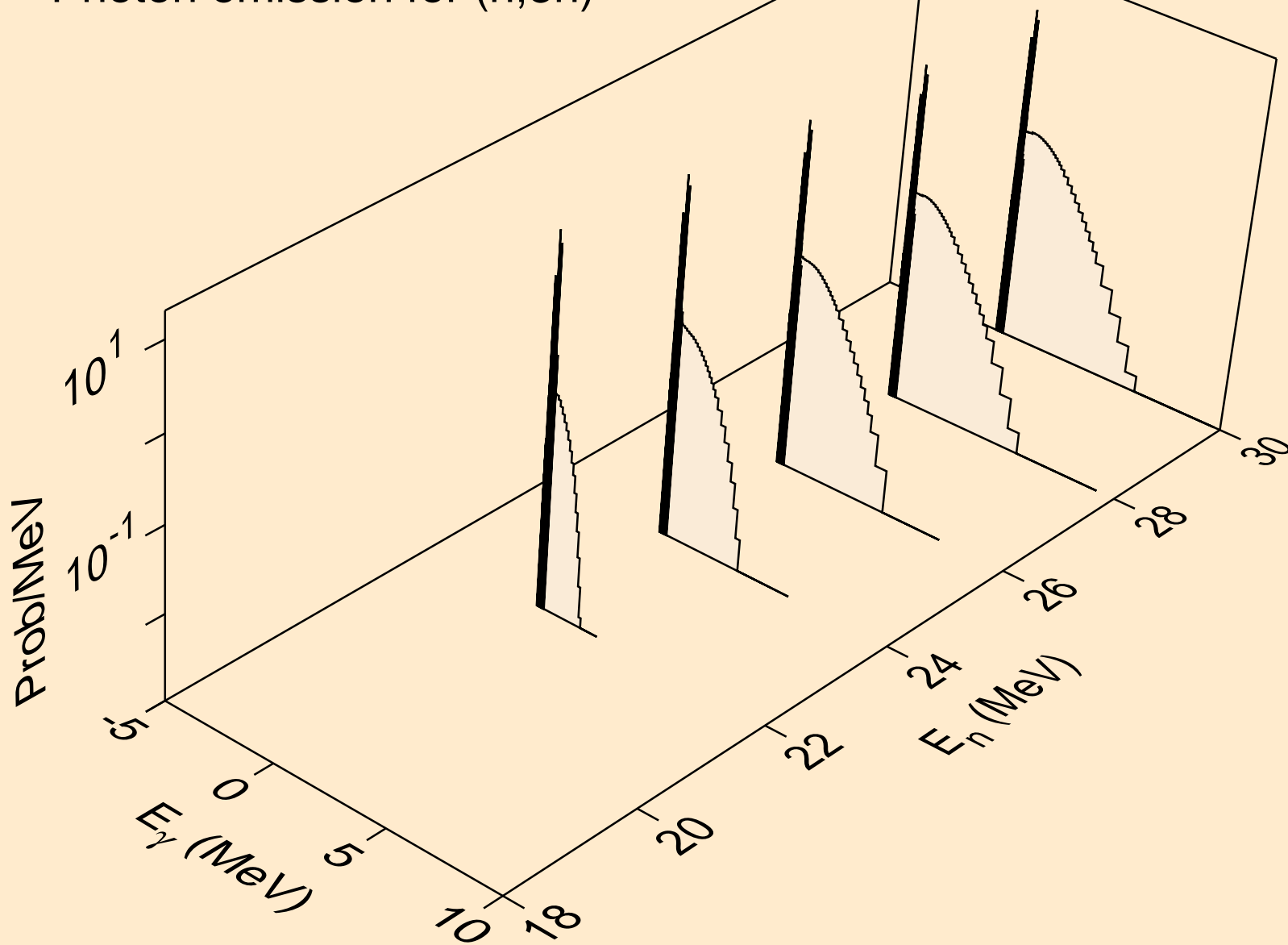
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



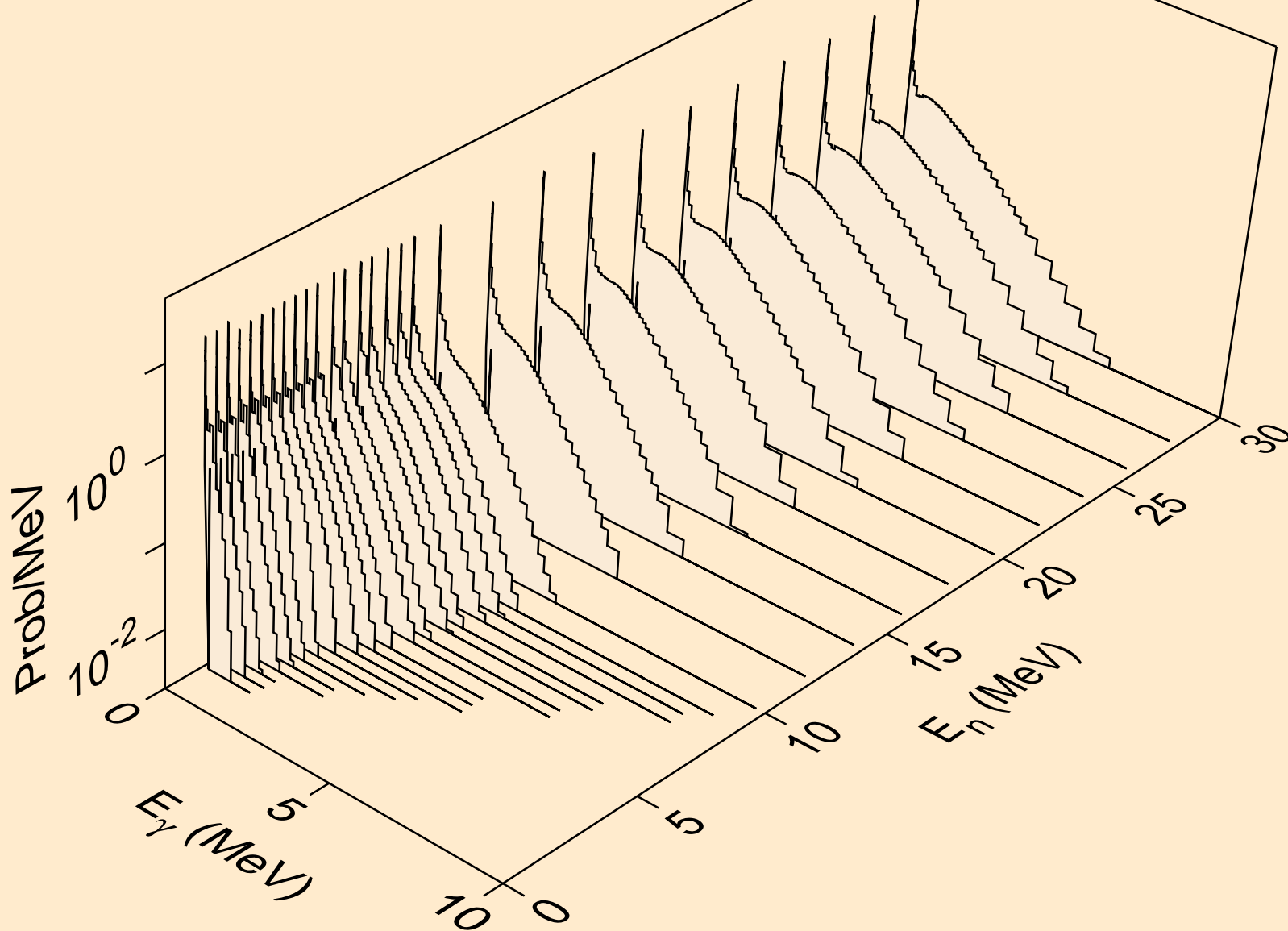
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



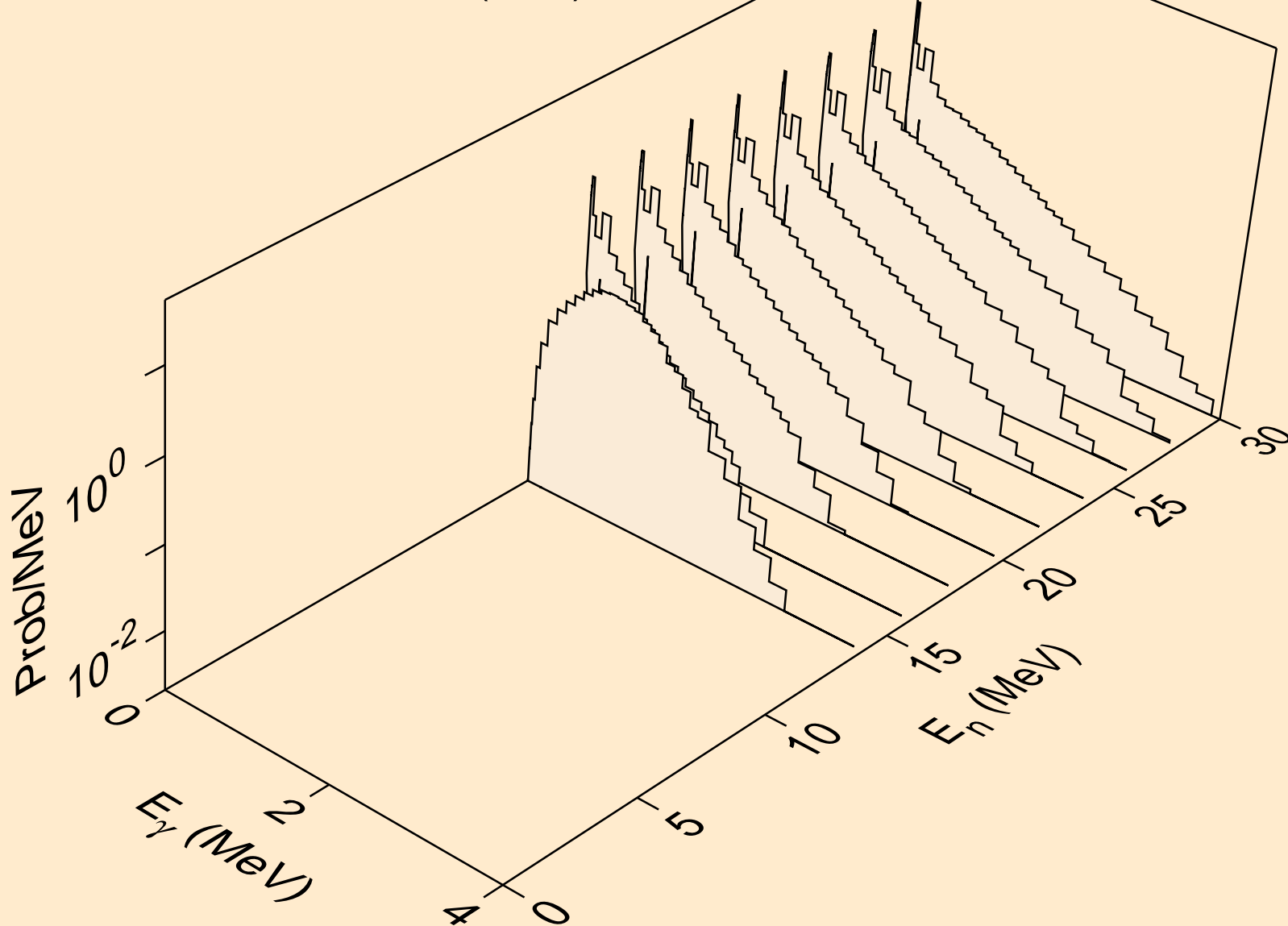
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



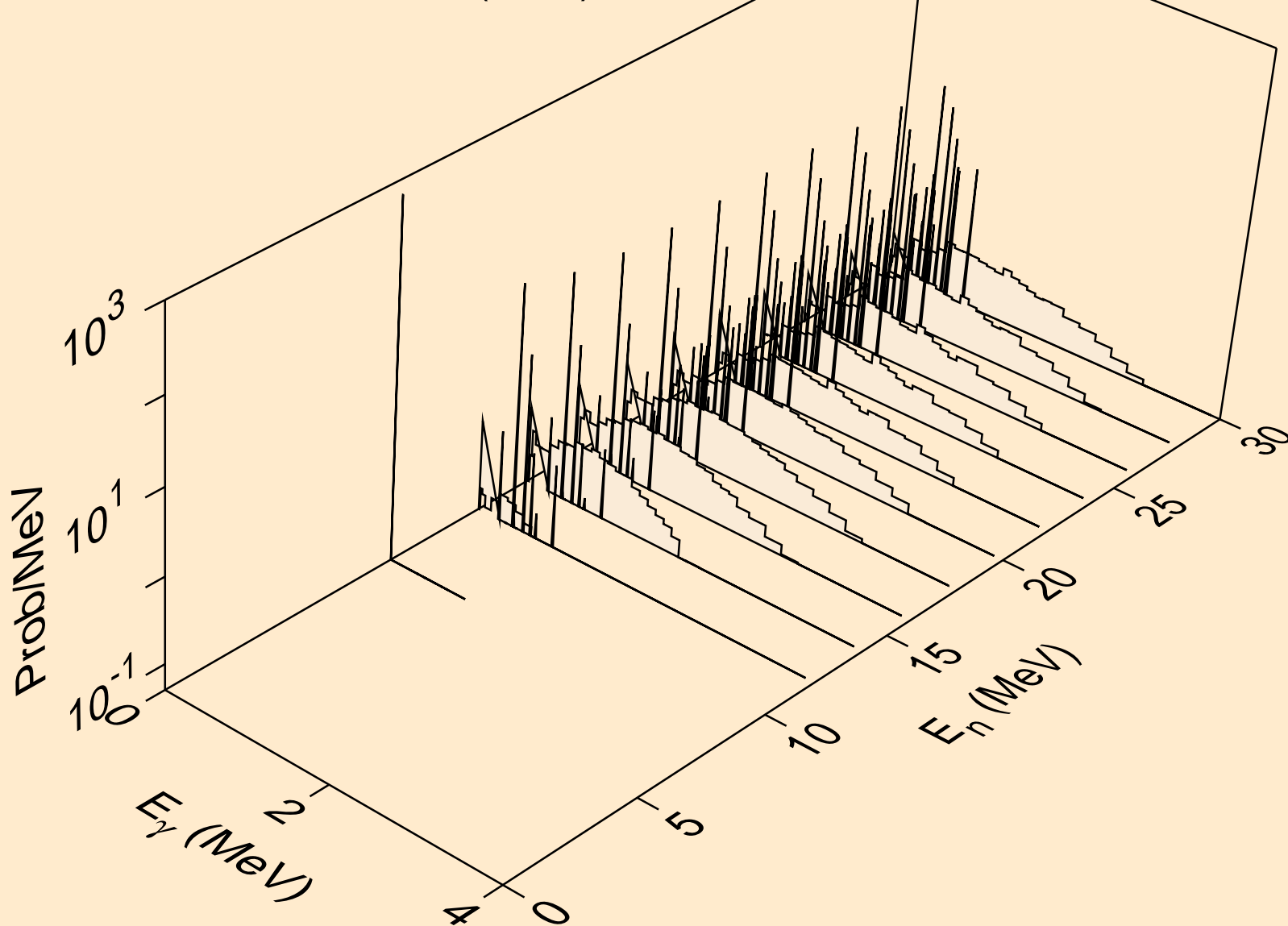
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



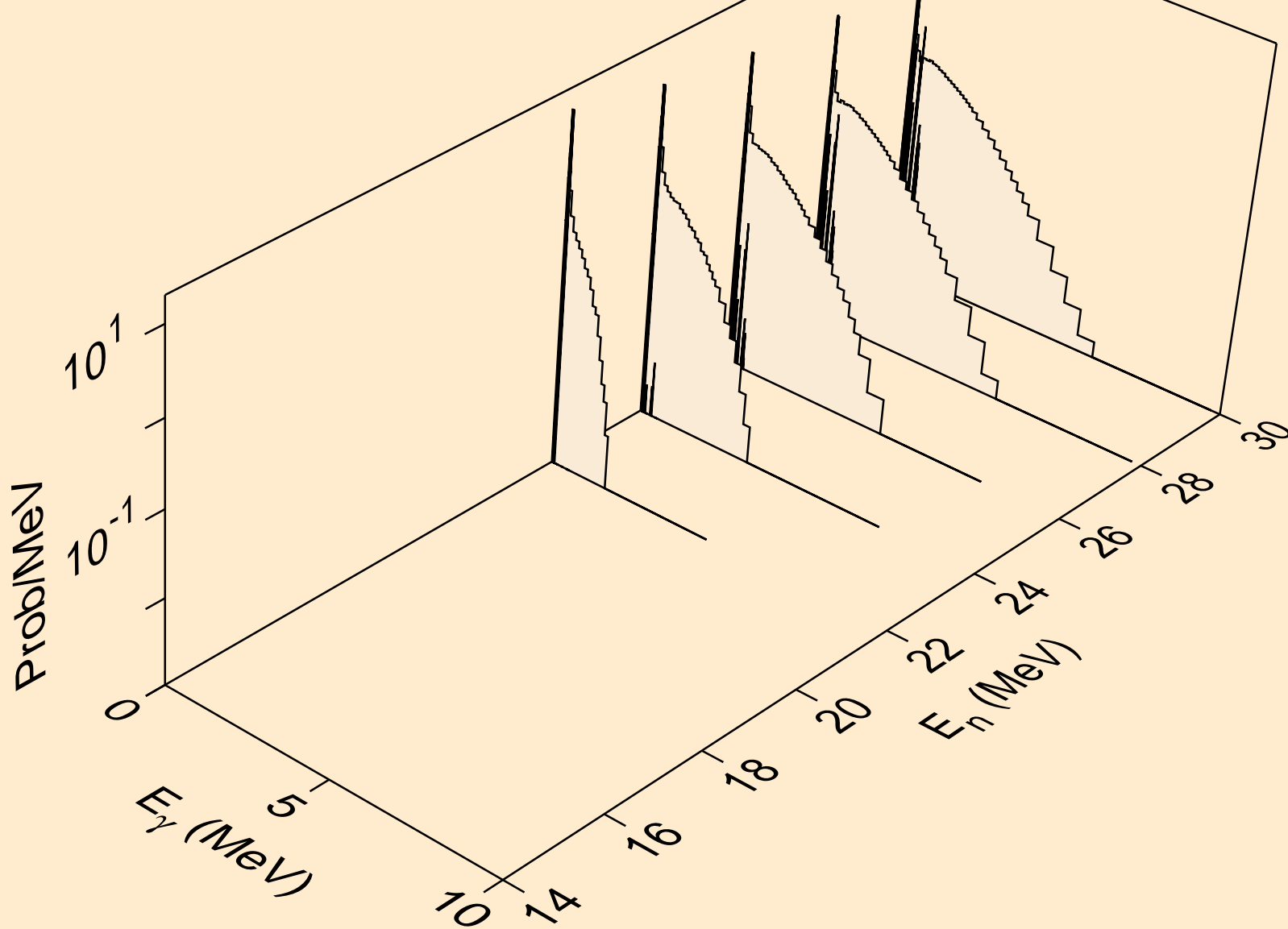
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)3a



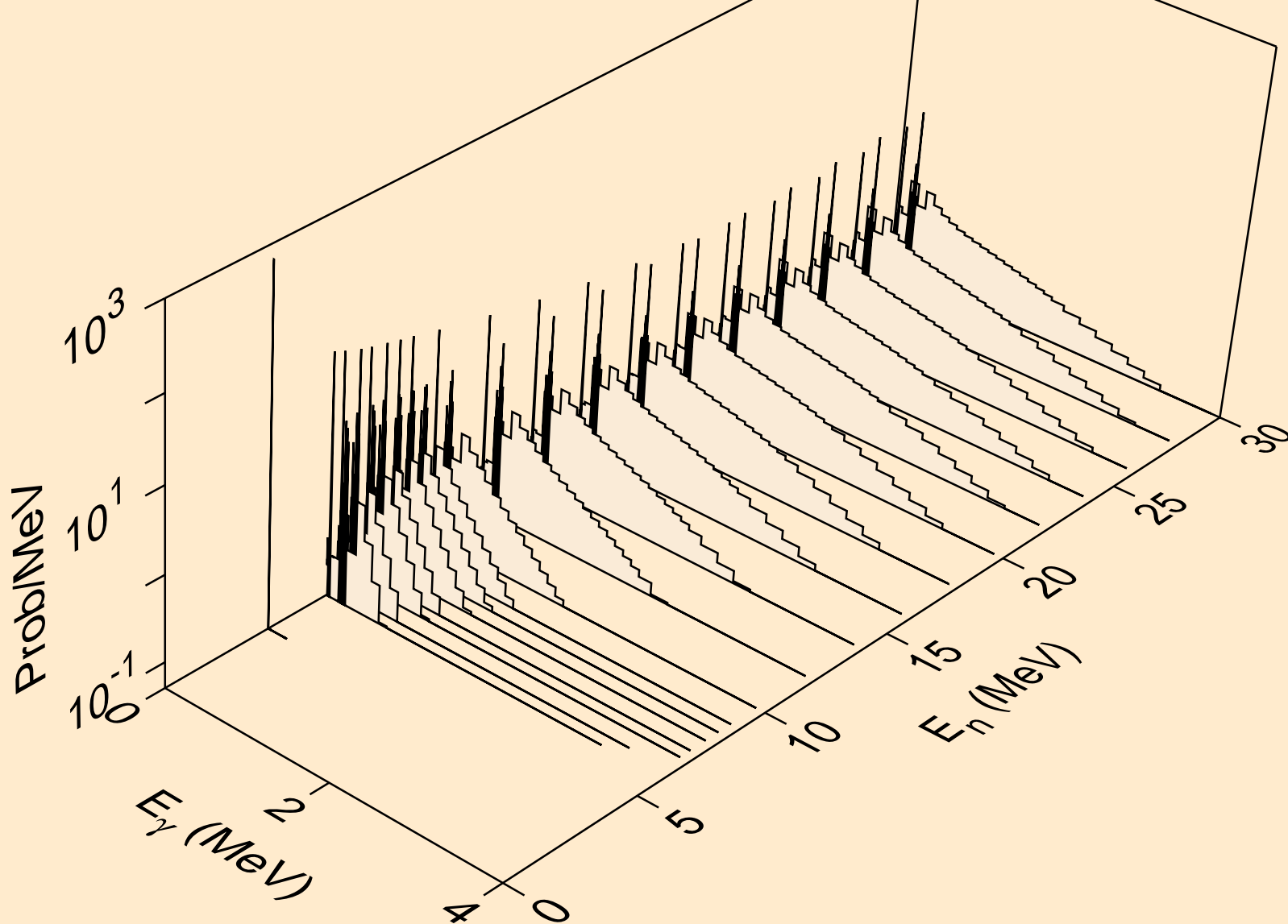
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n) α



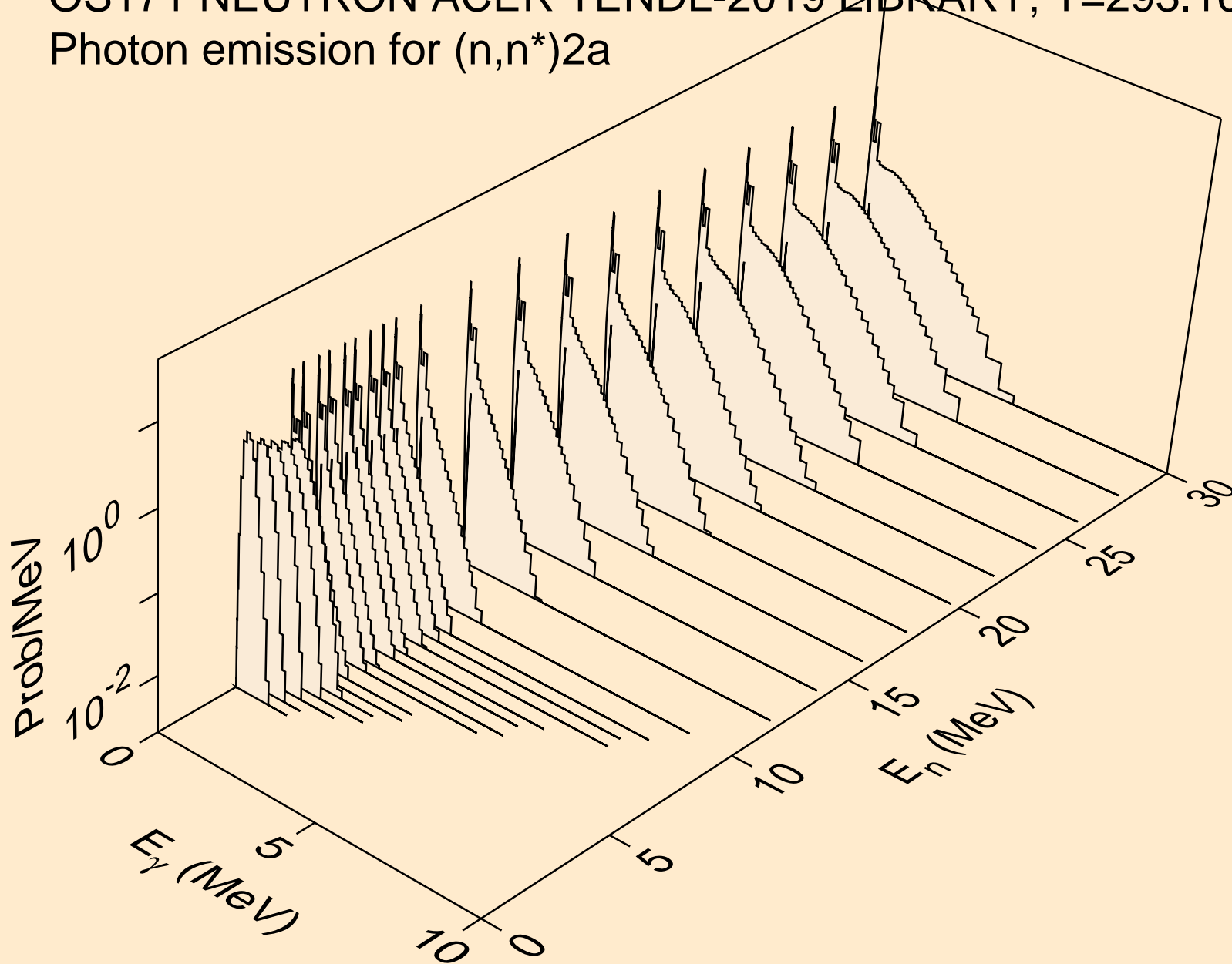
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



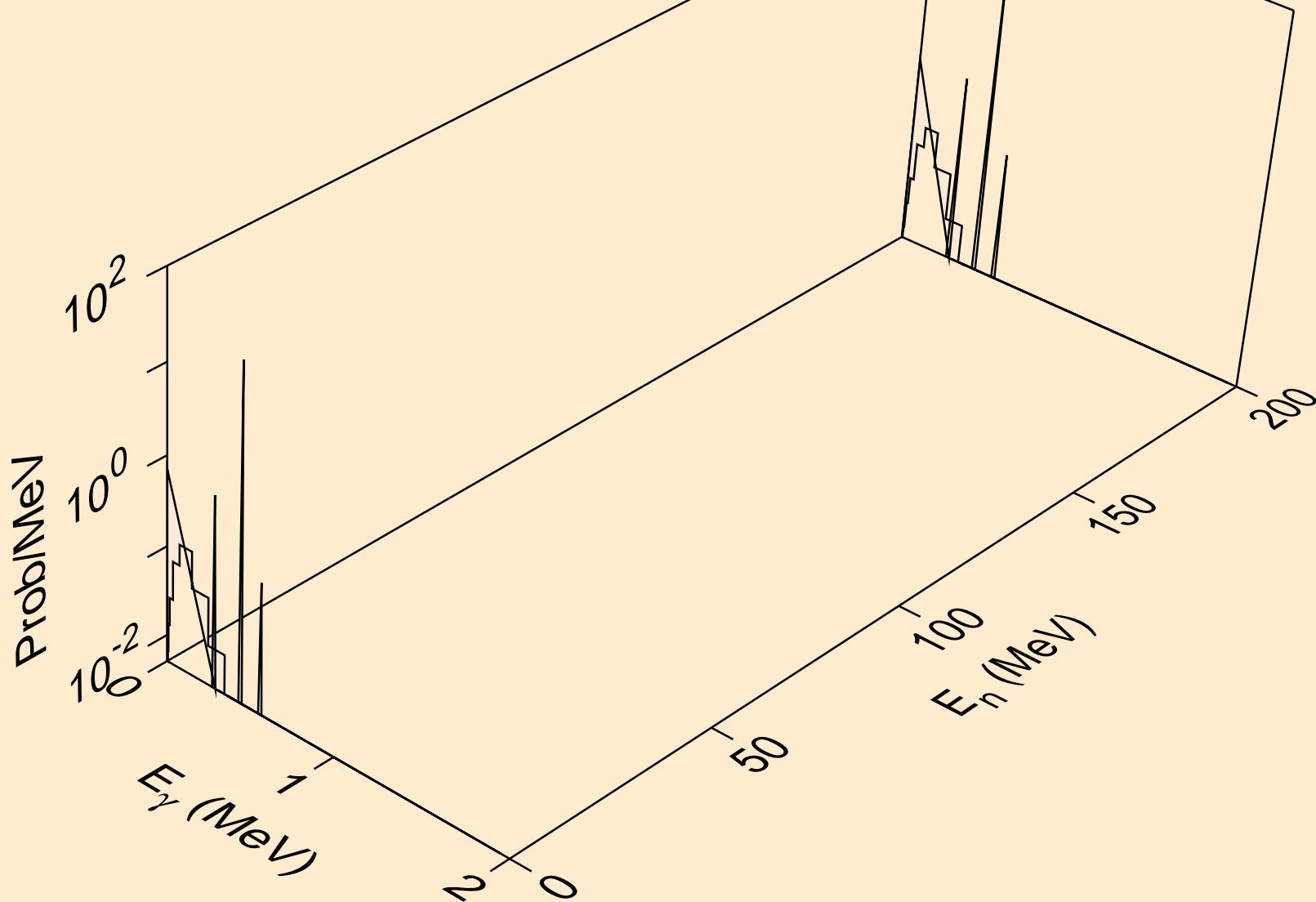
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



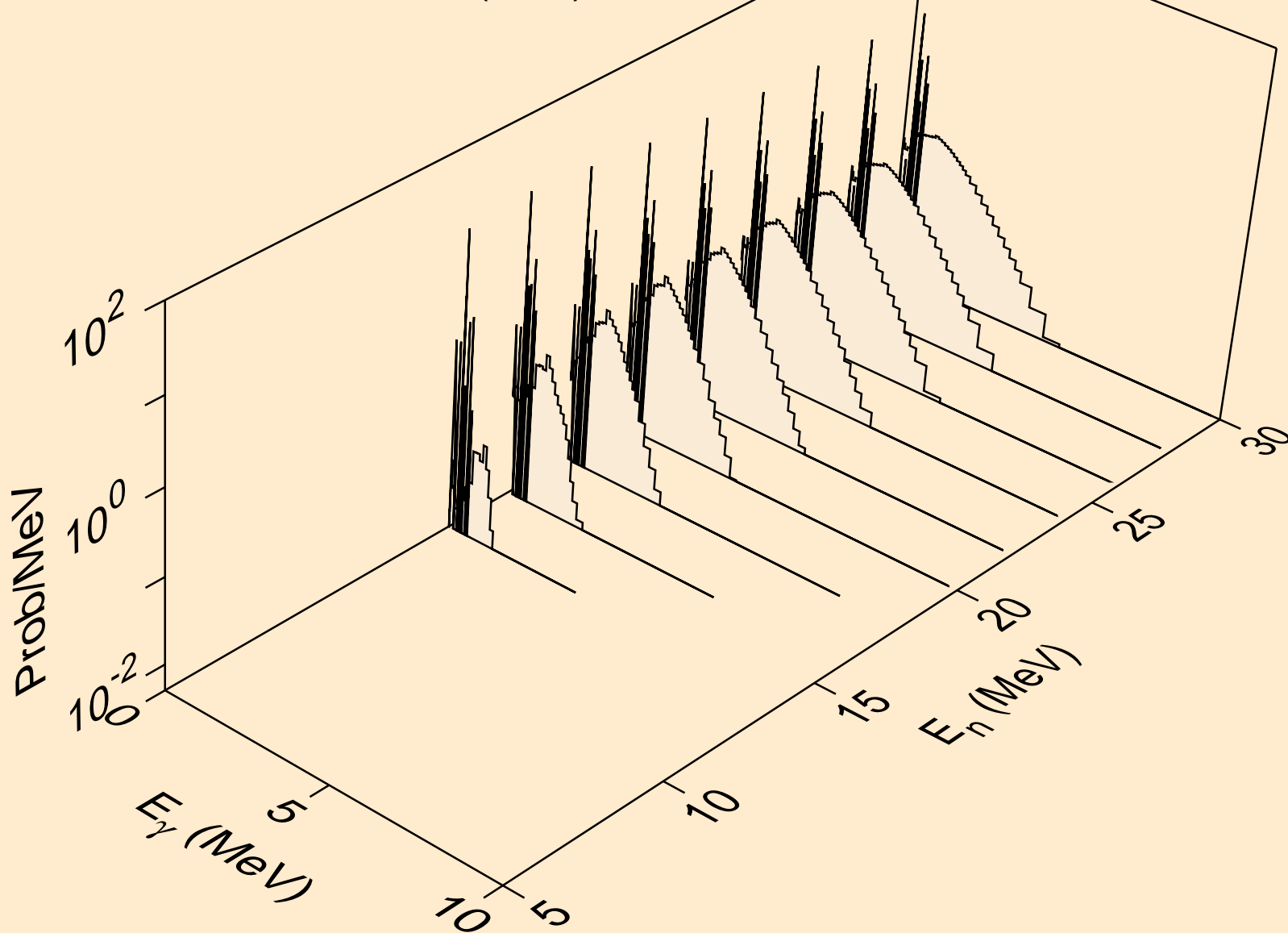
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



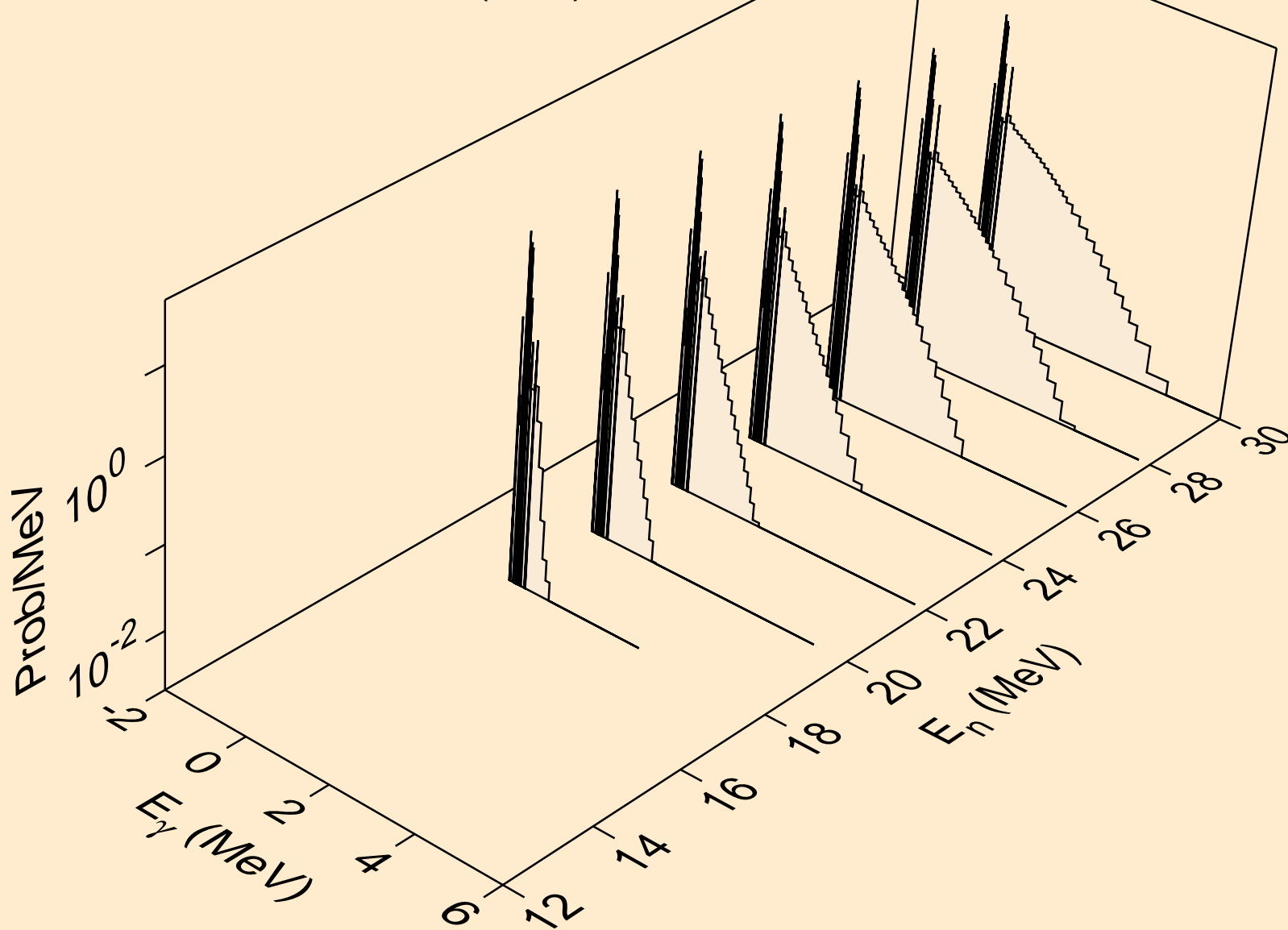
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



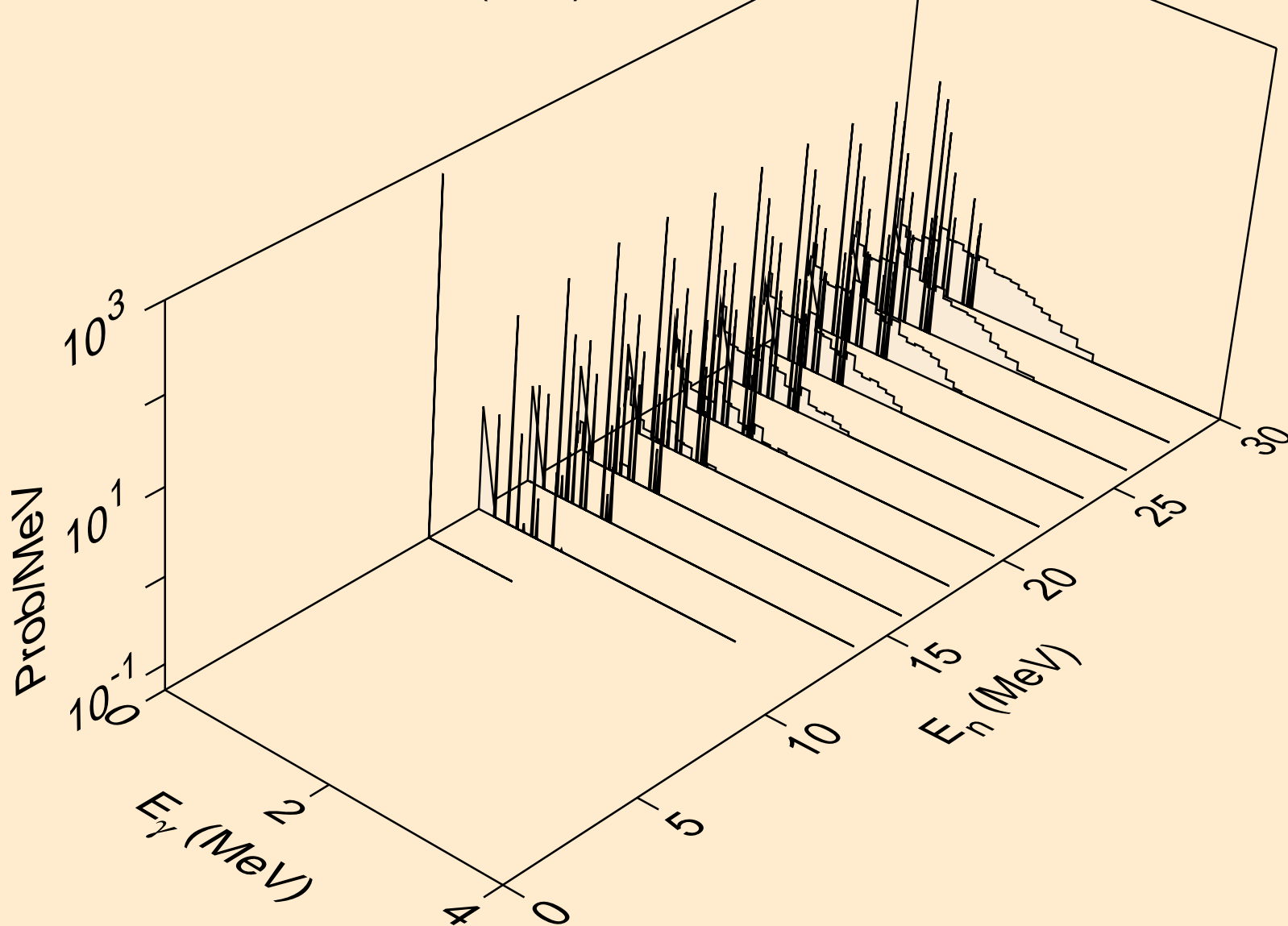
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



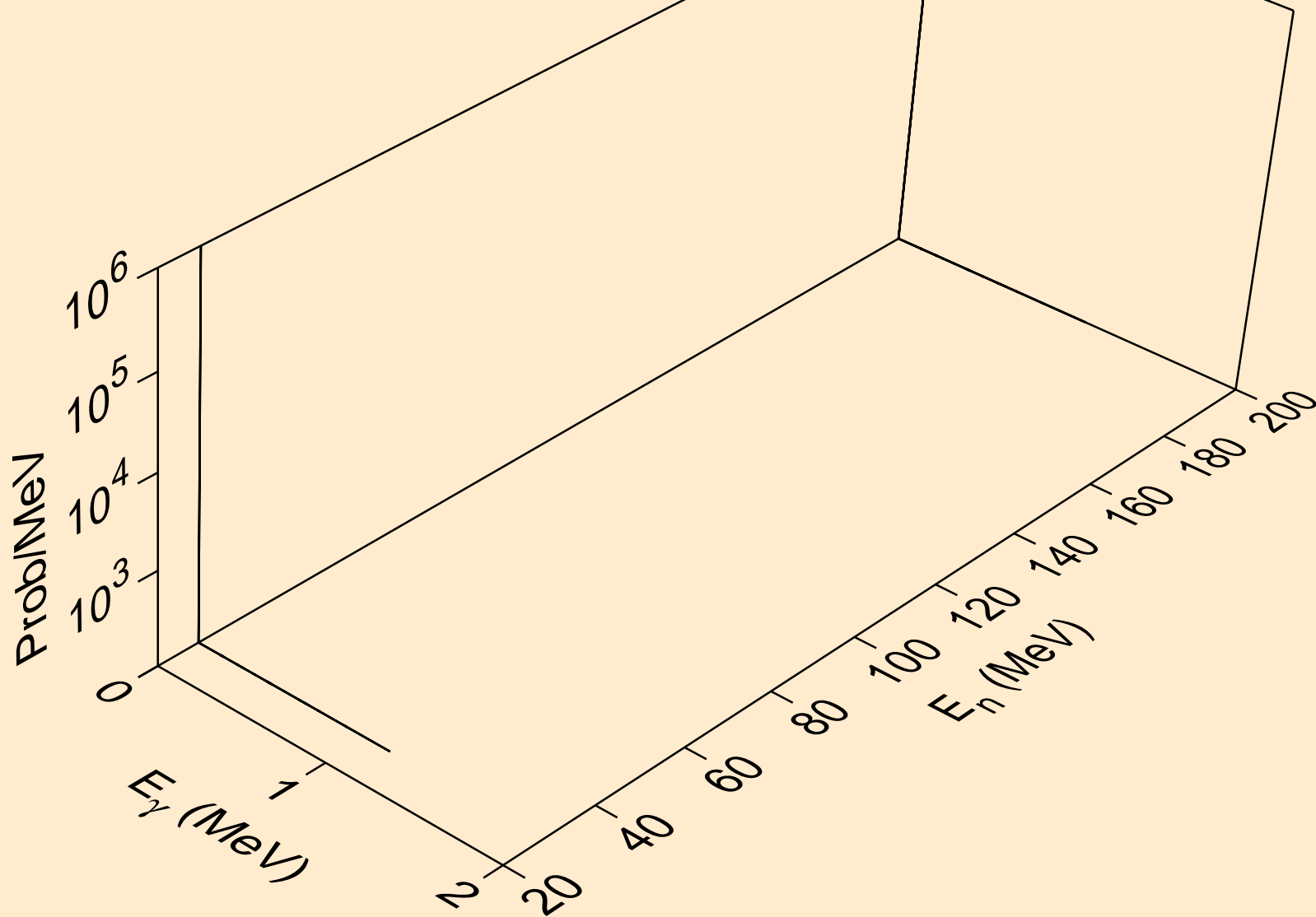
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



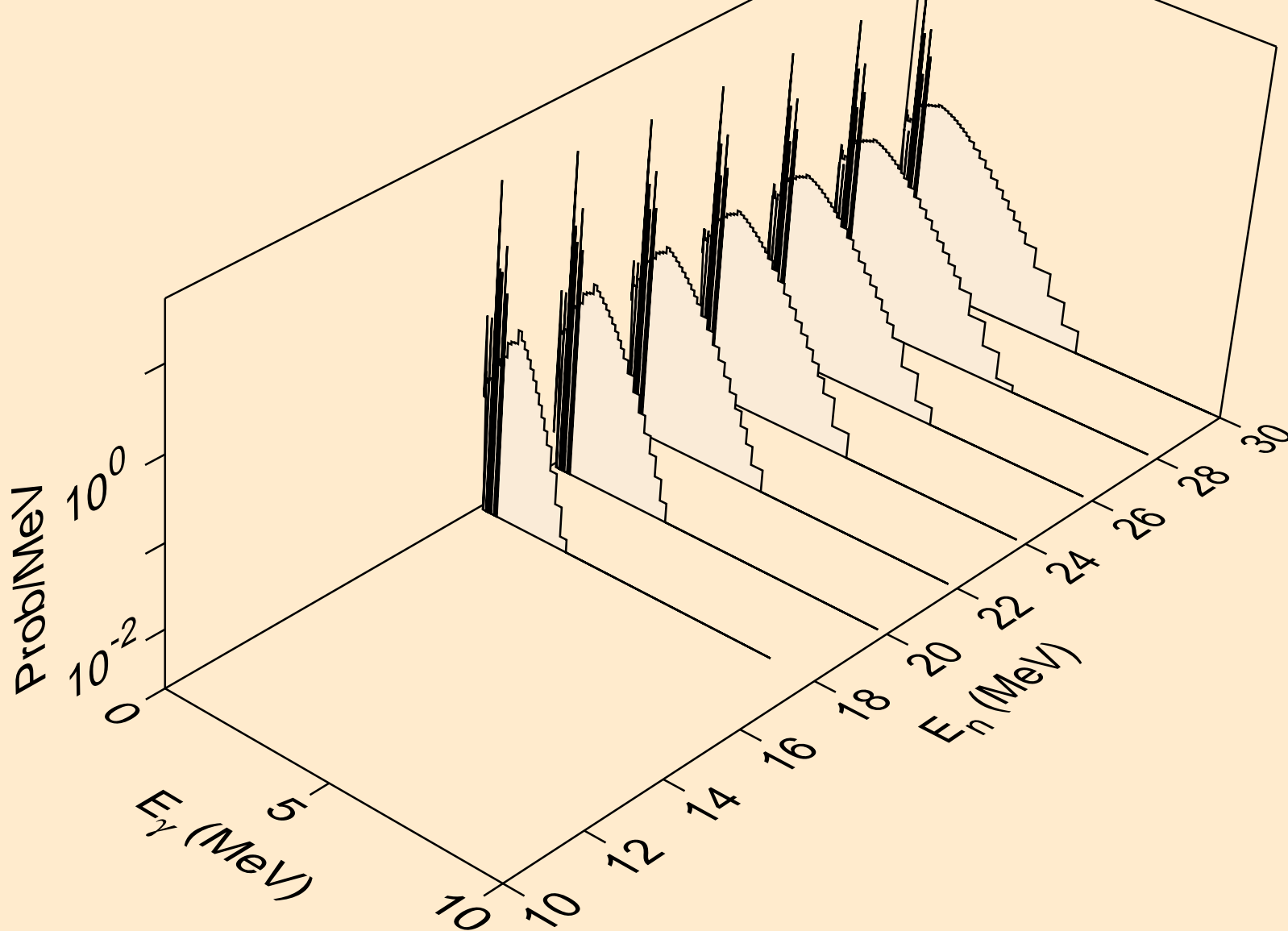
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



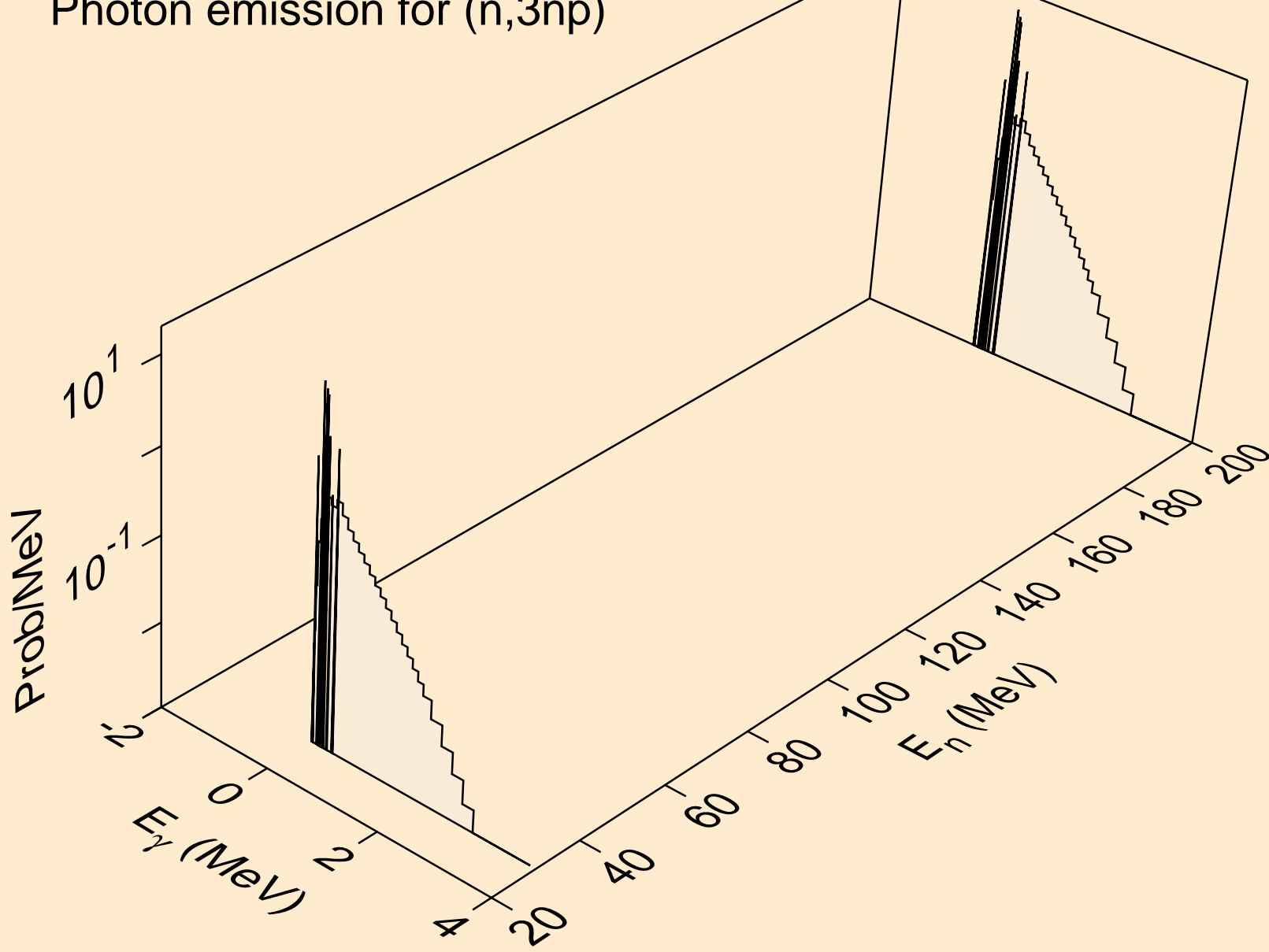
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



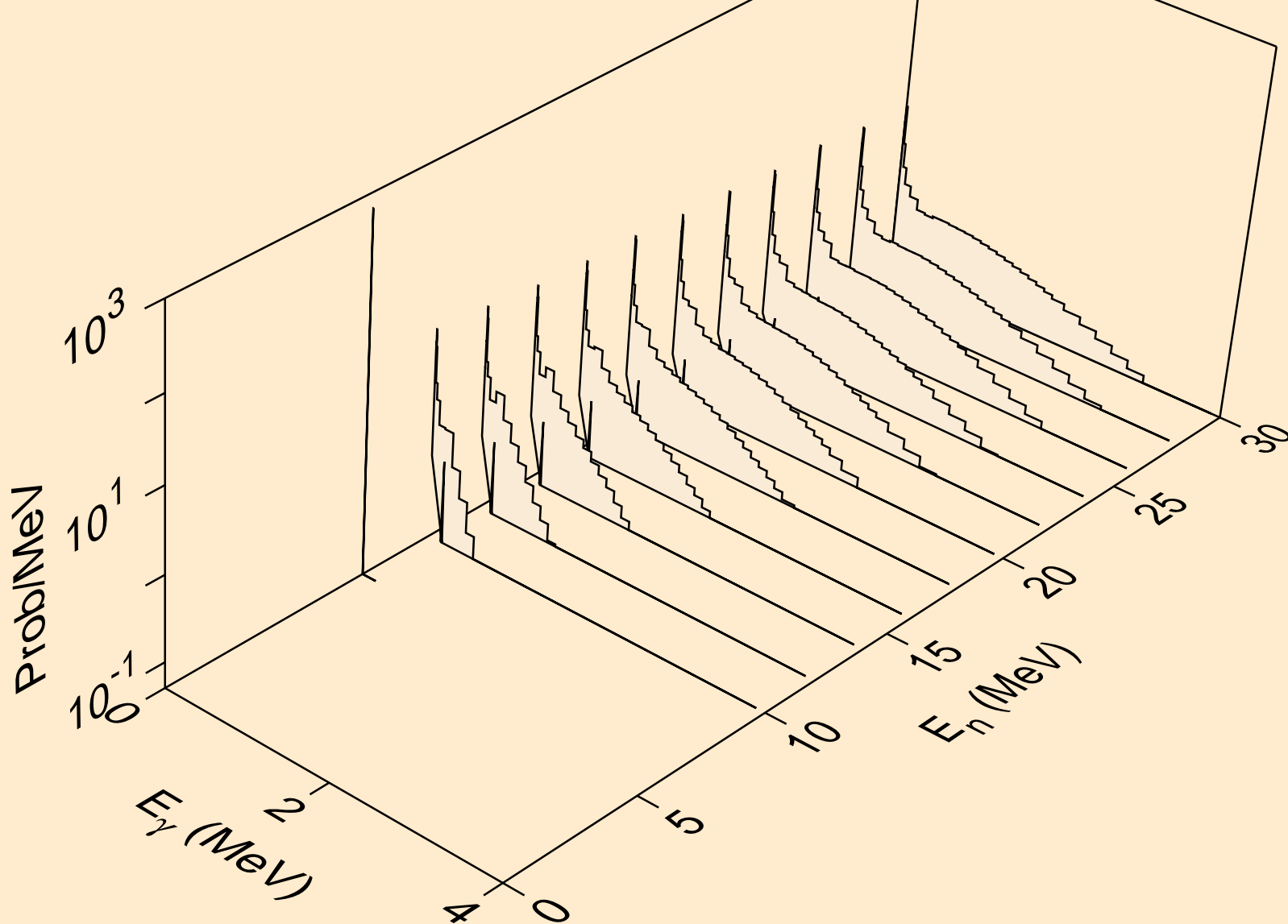
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



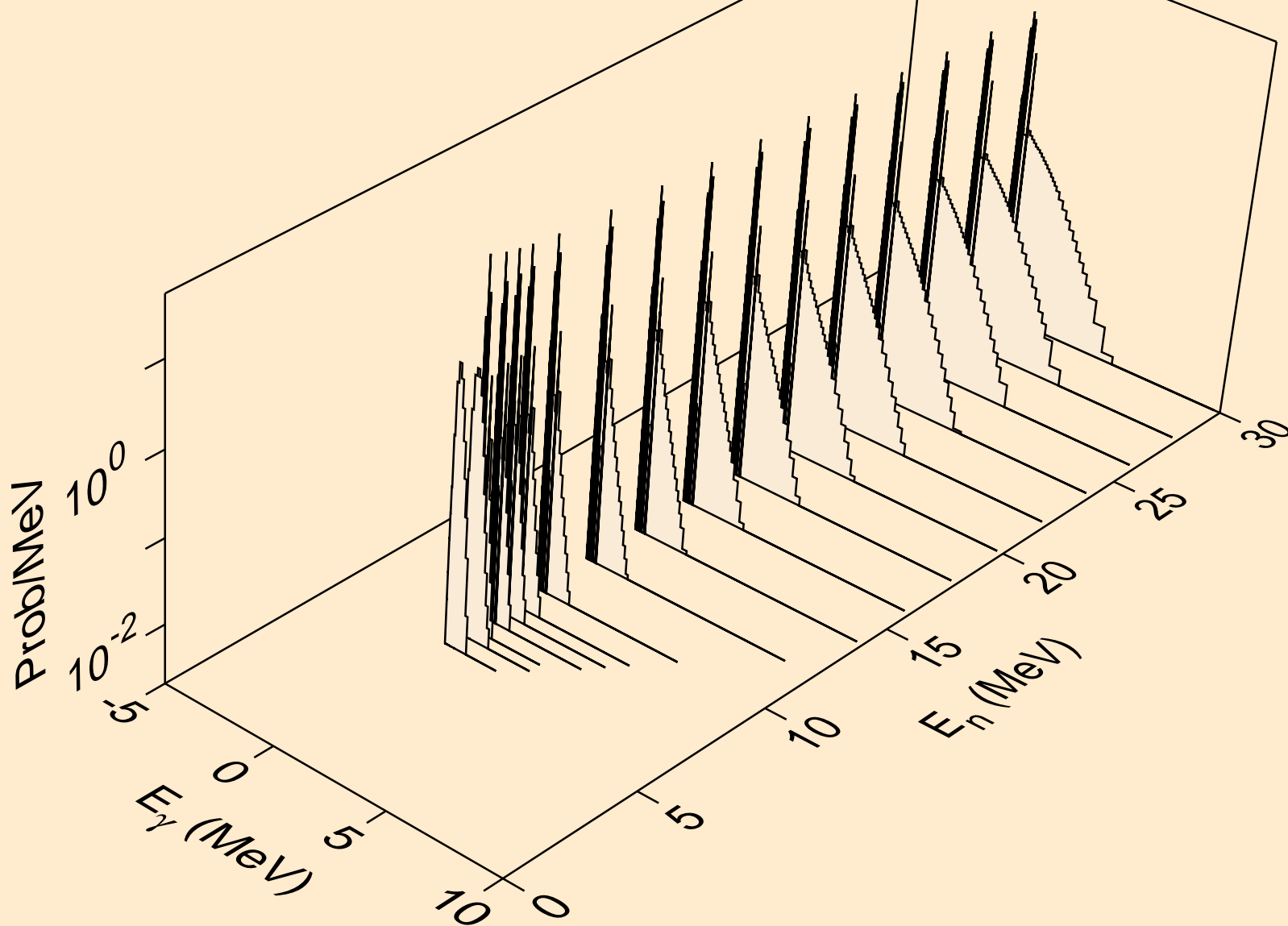
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



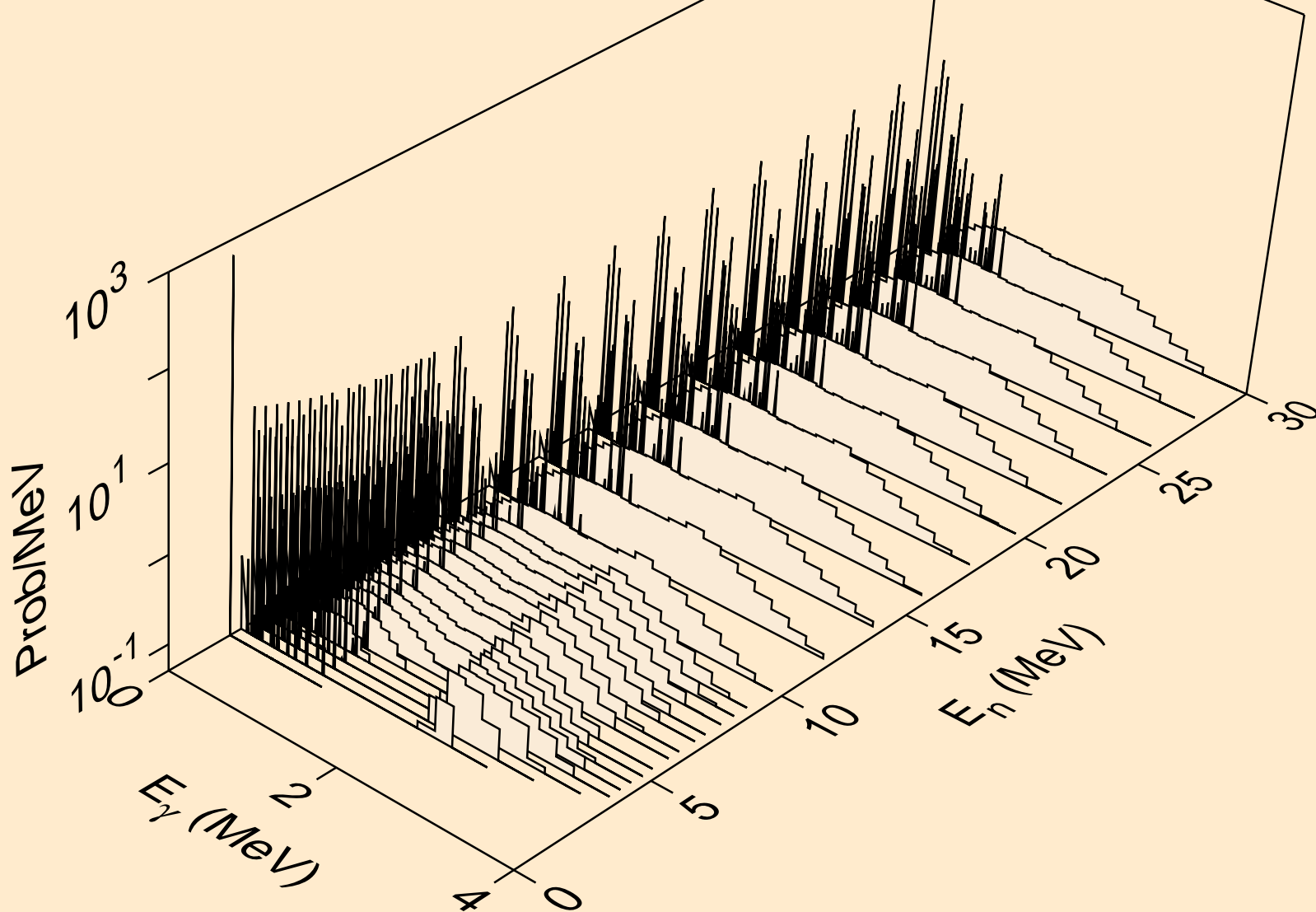
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



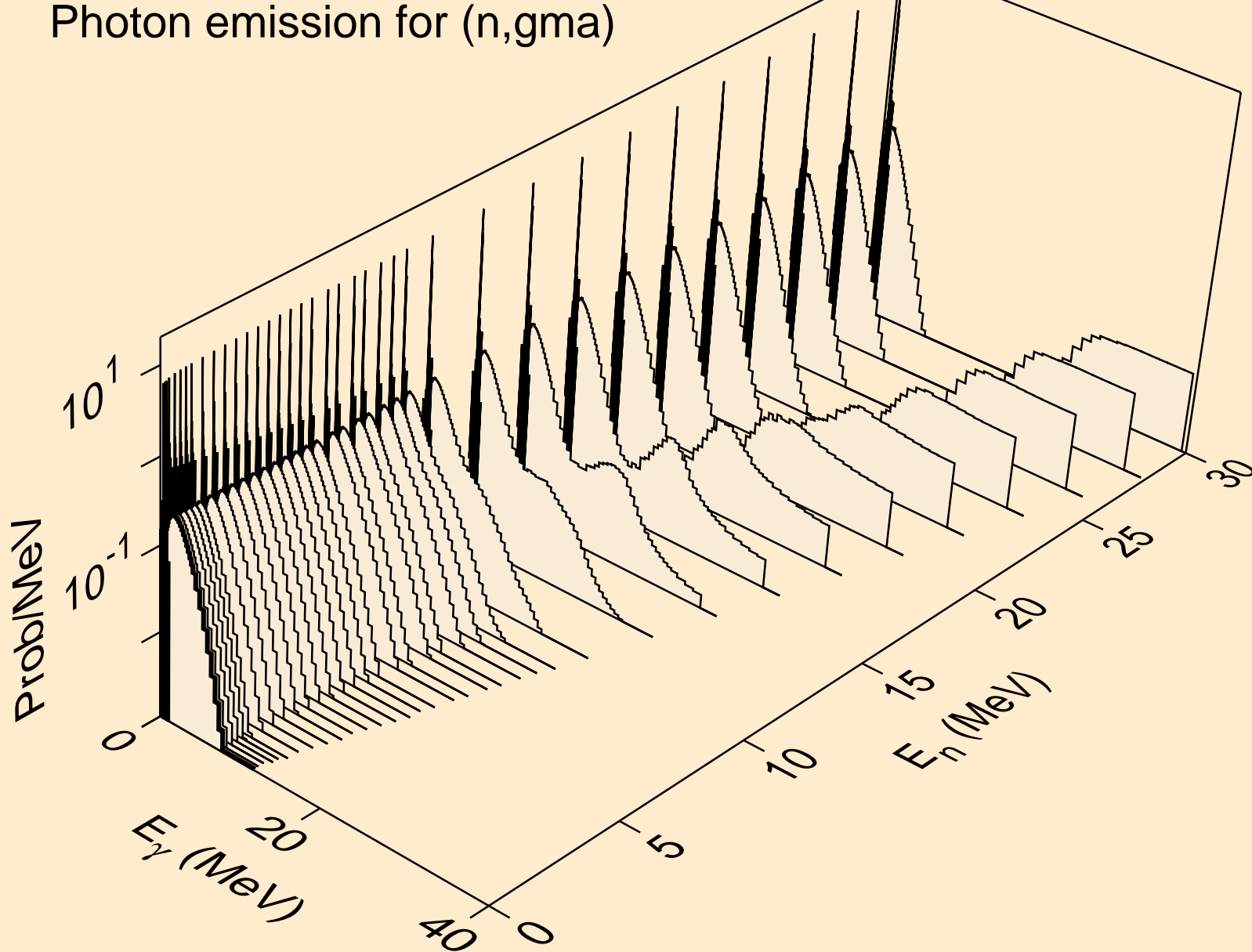
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



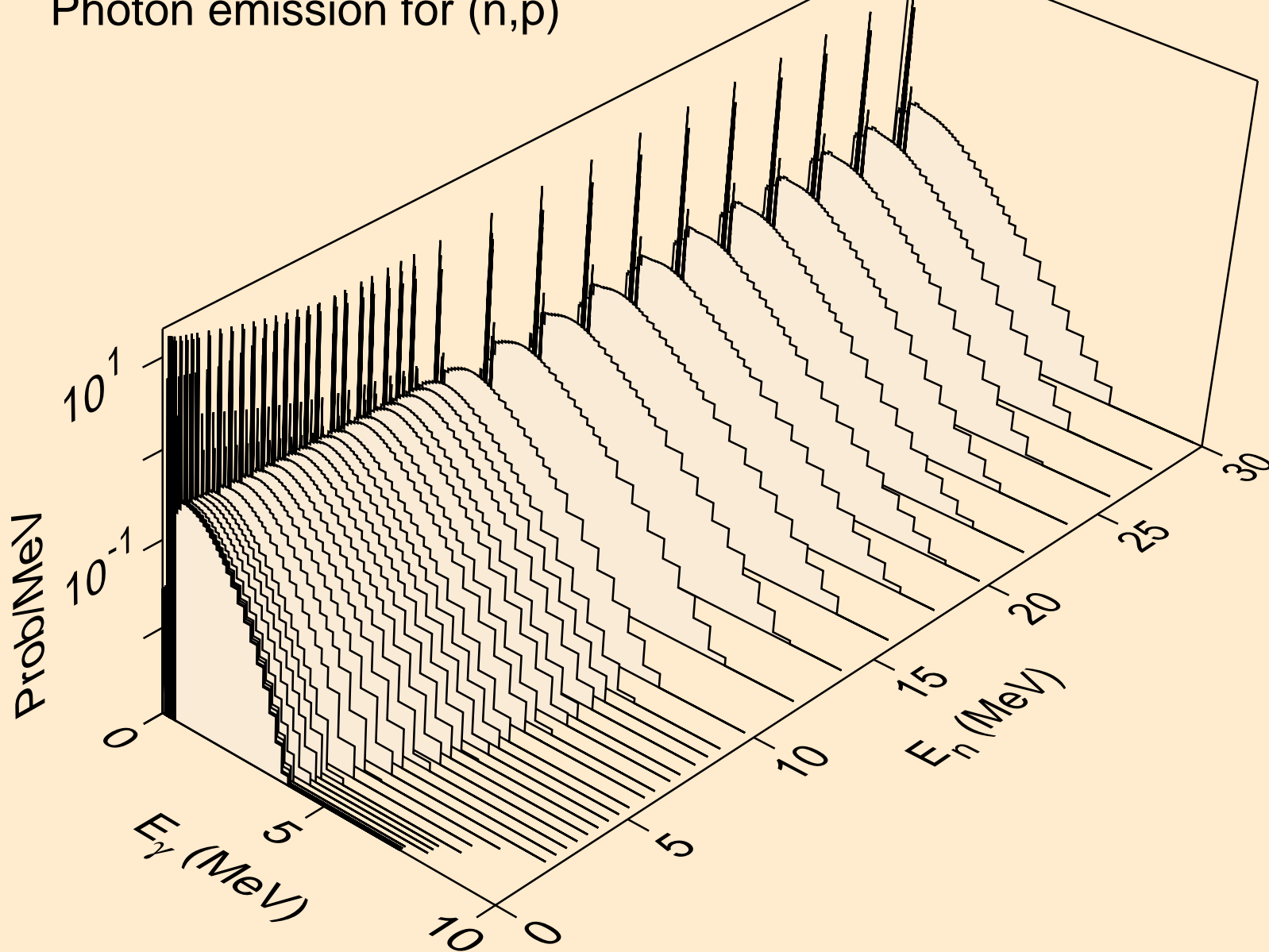
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



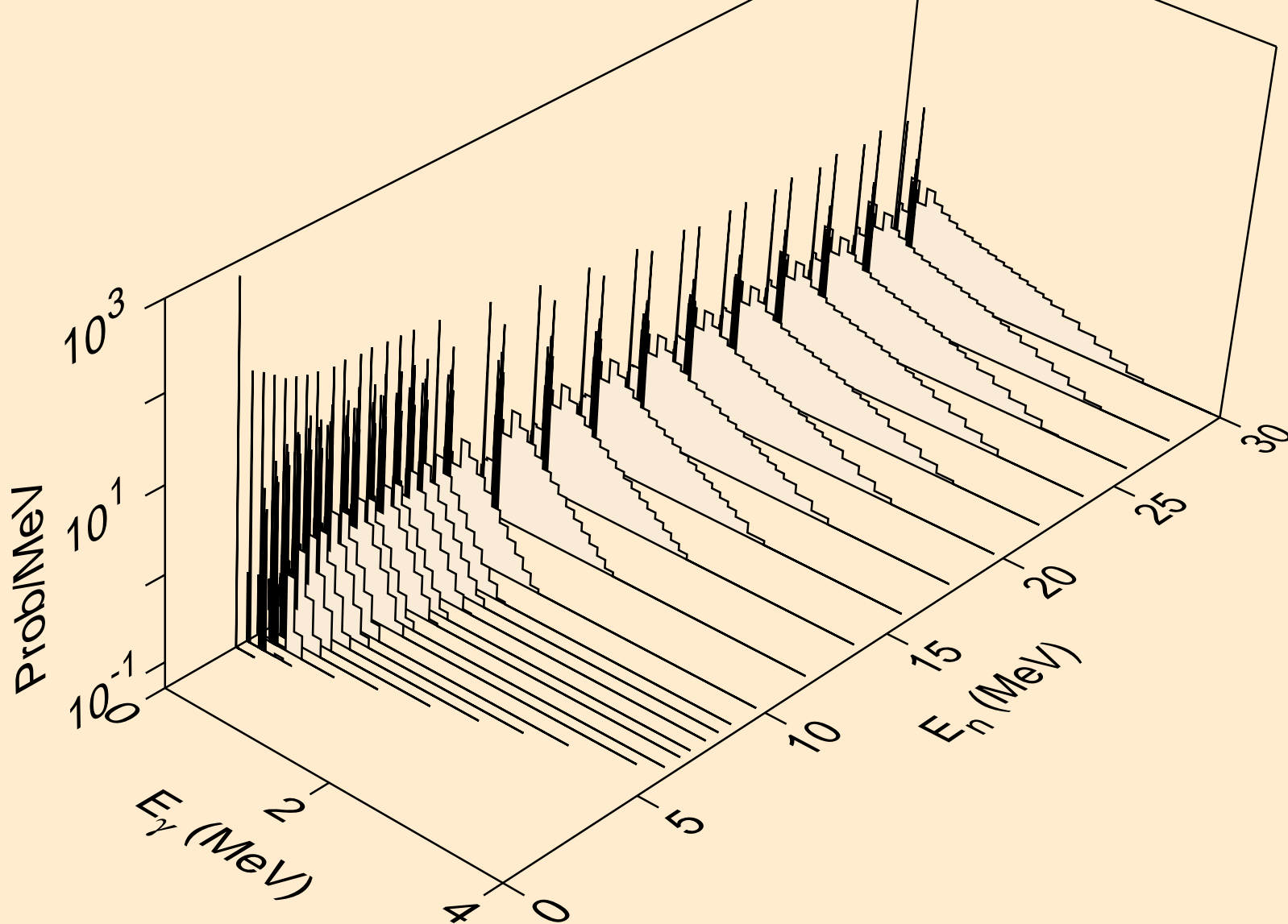
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



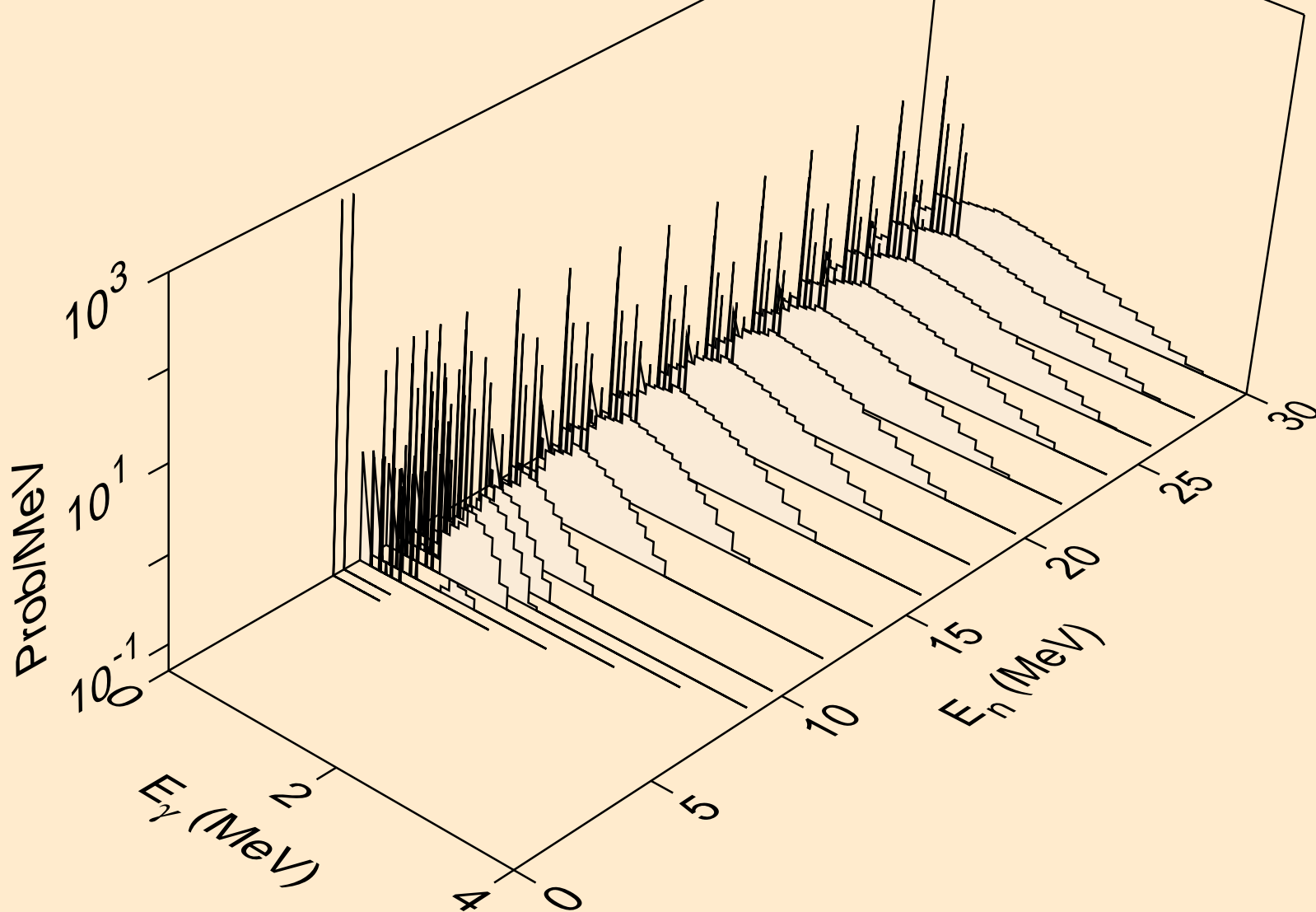
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



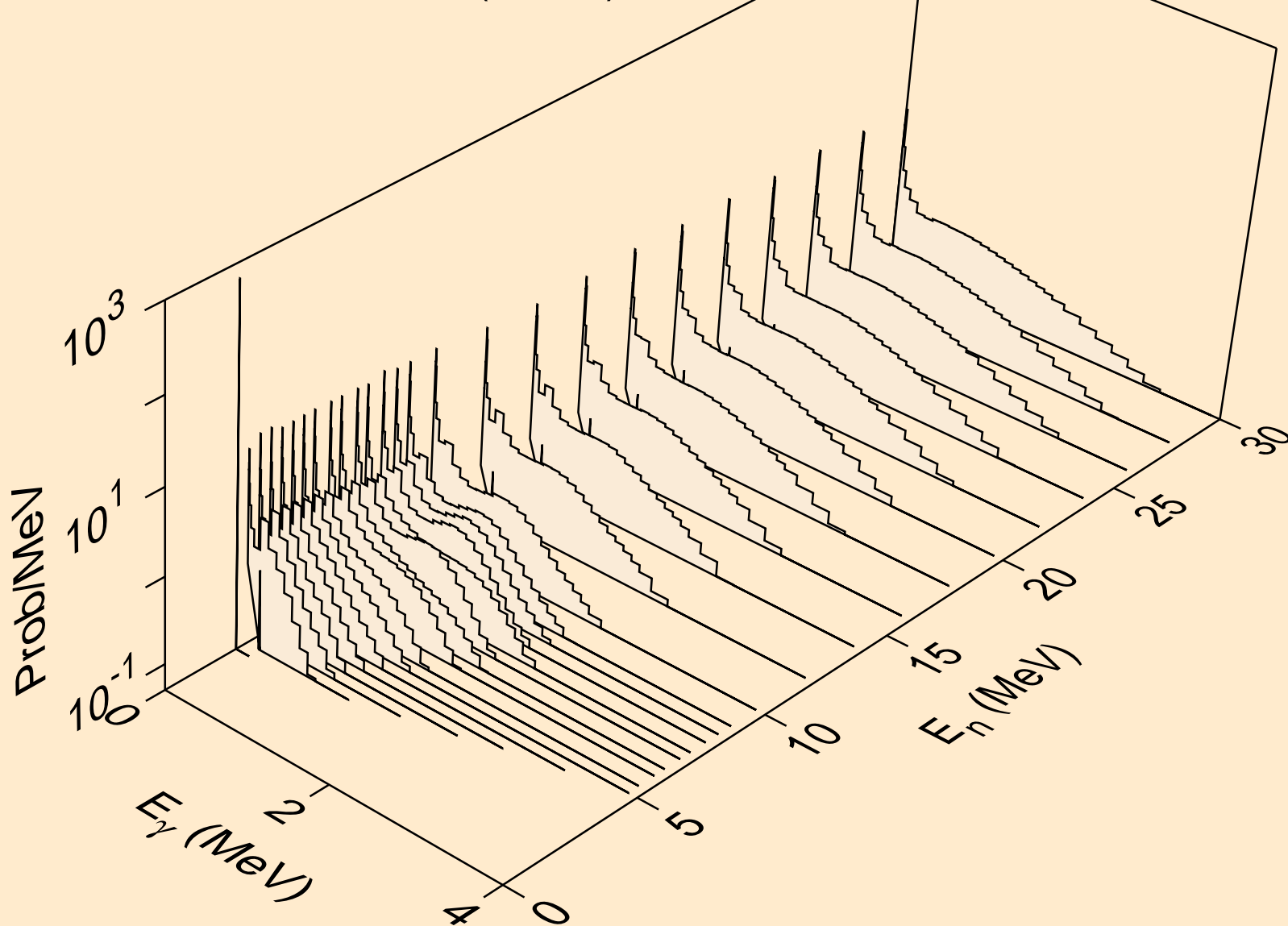
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



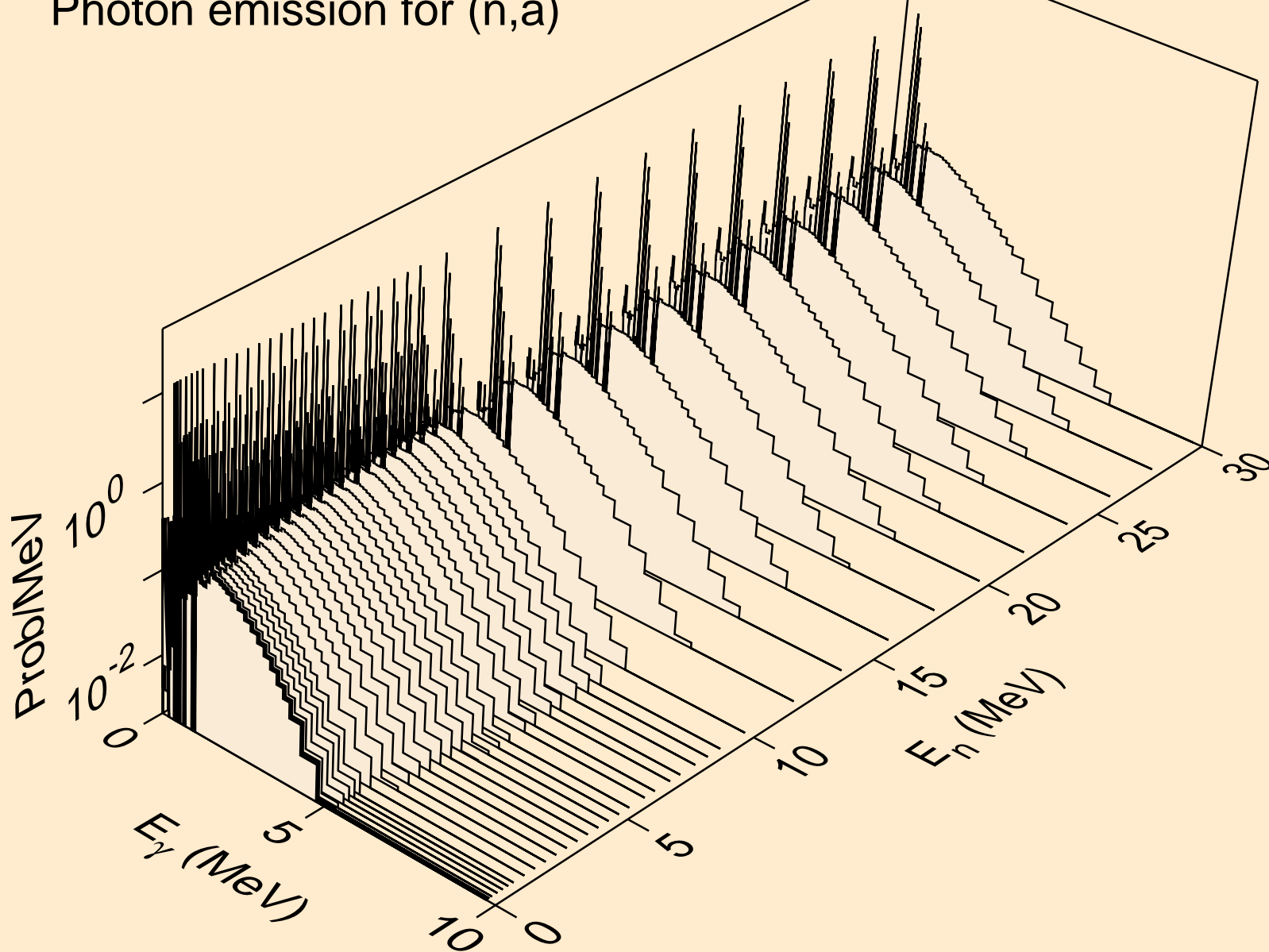
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



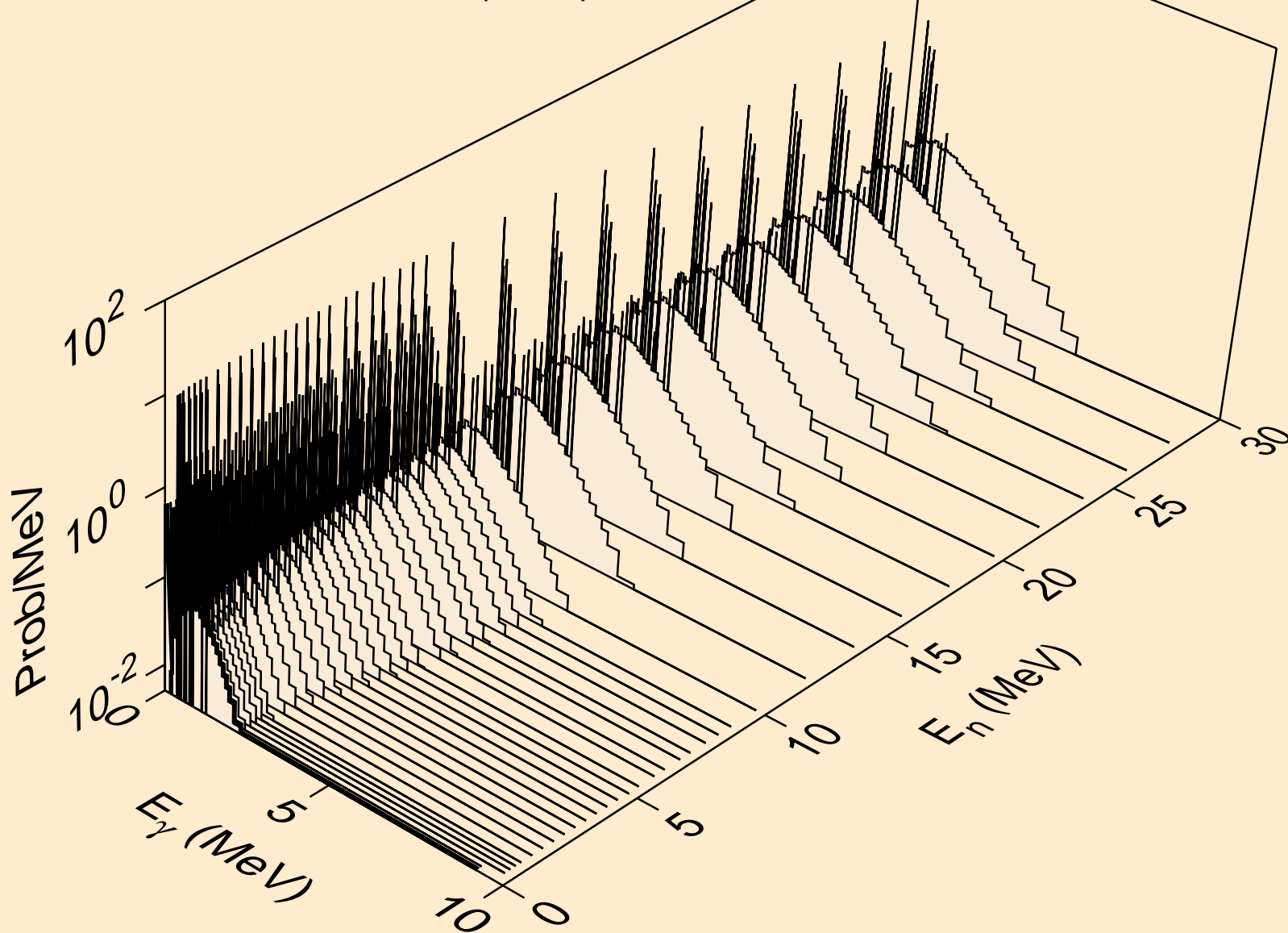
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



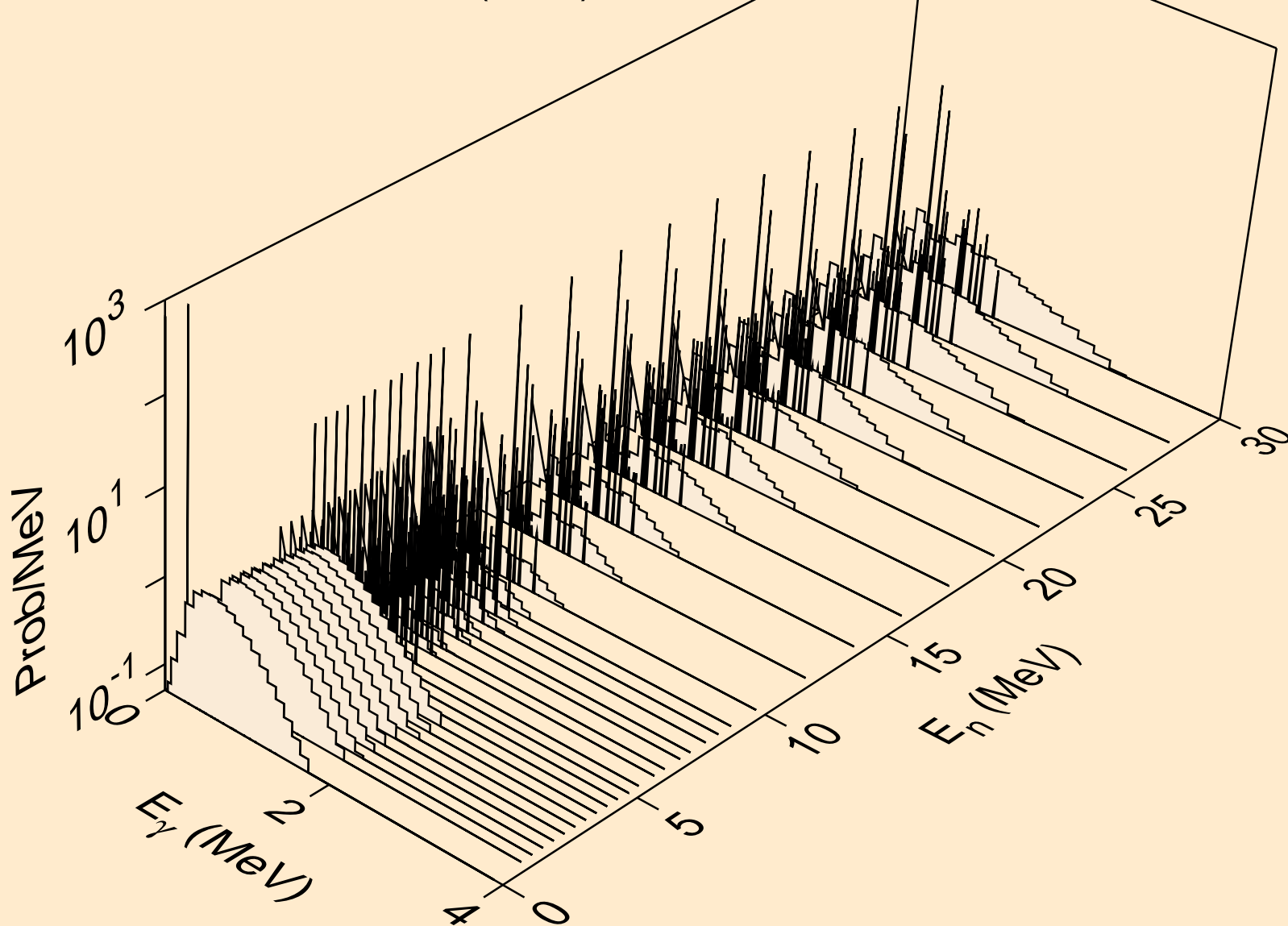
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



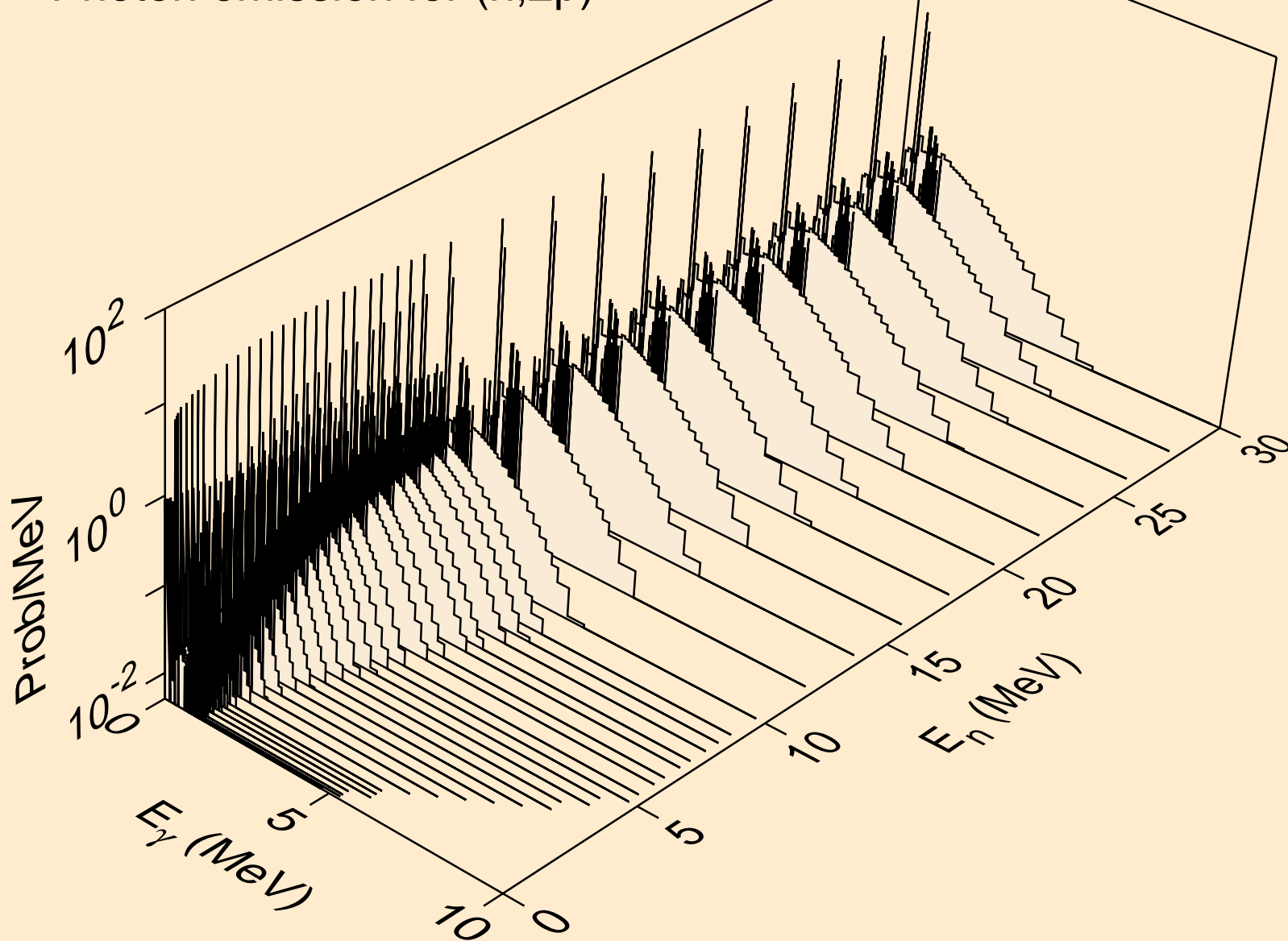
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



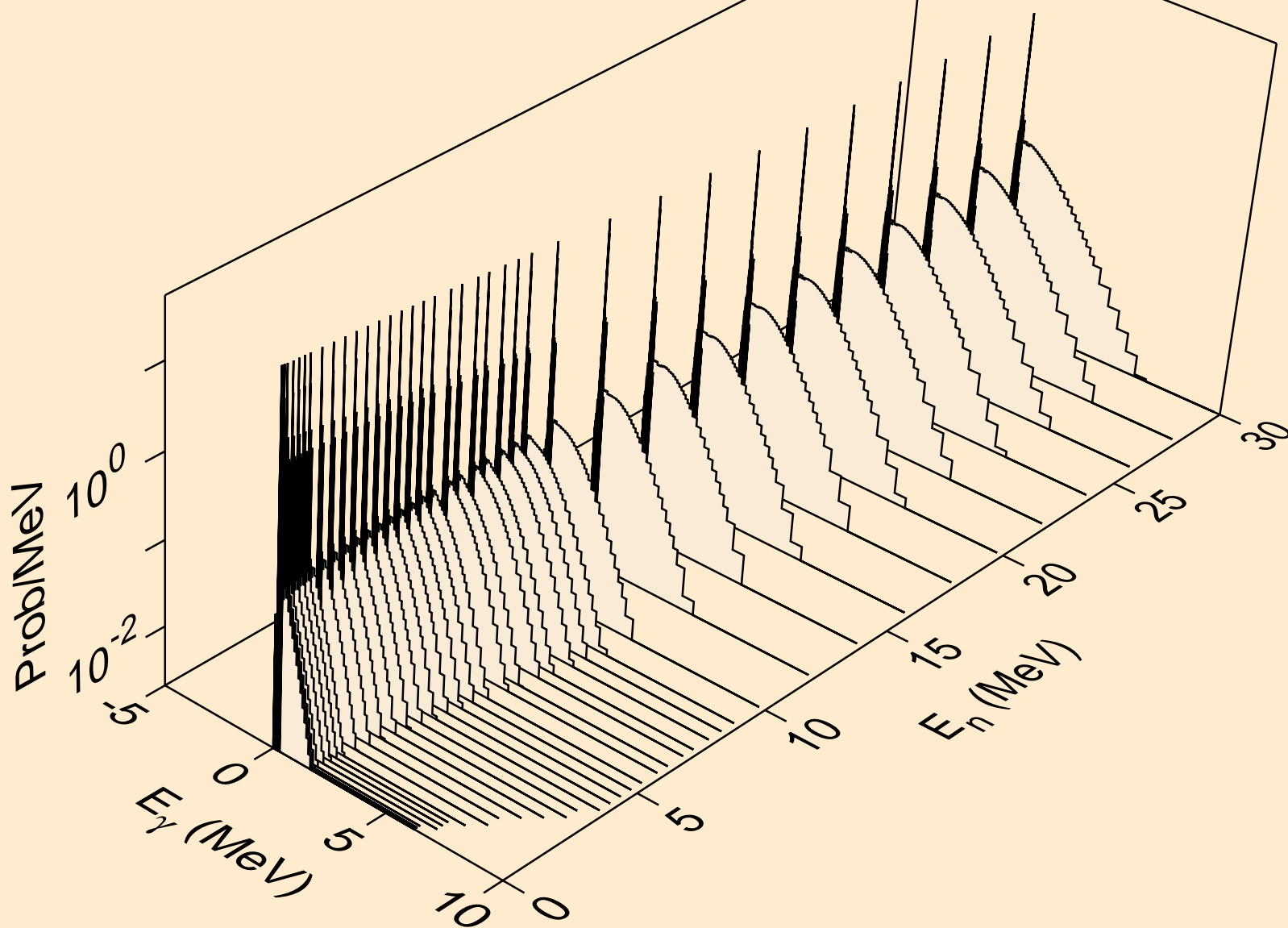
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



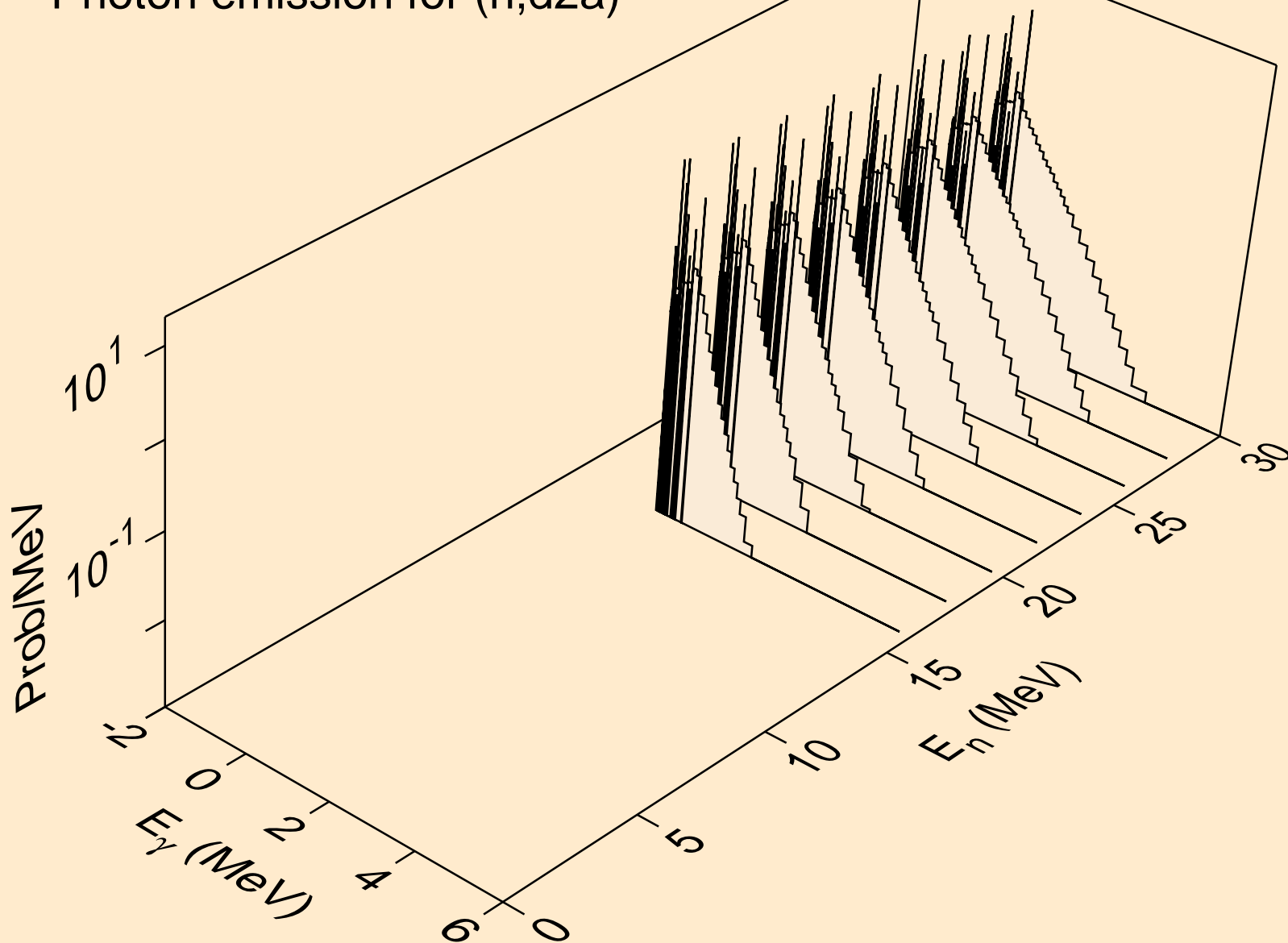
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



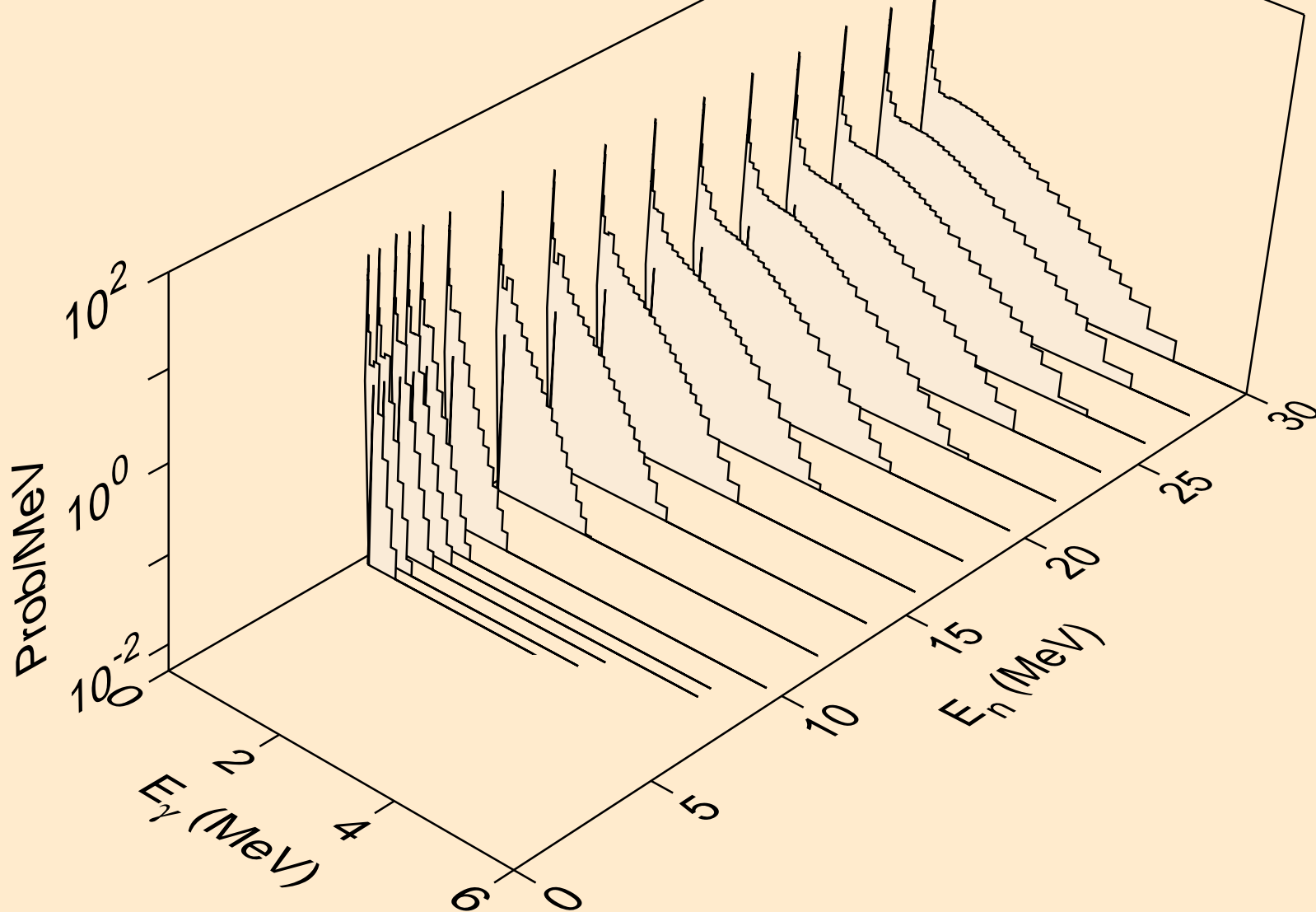
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



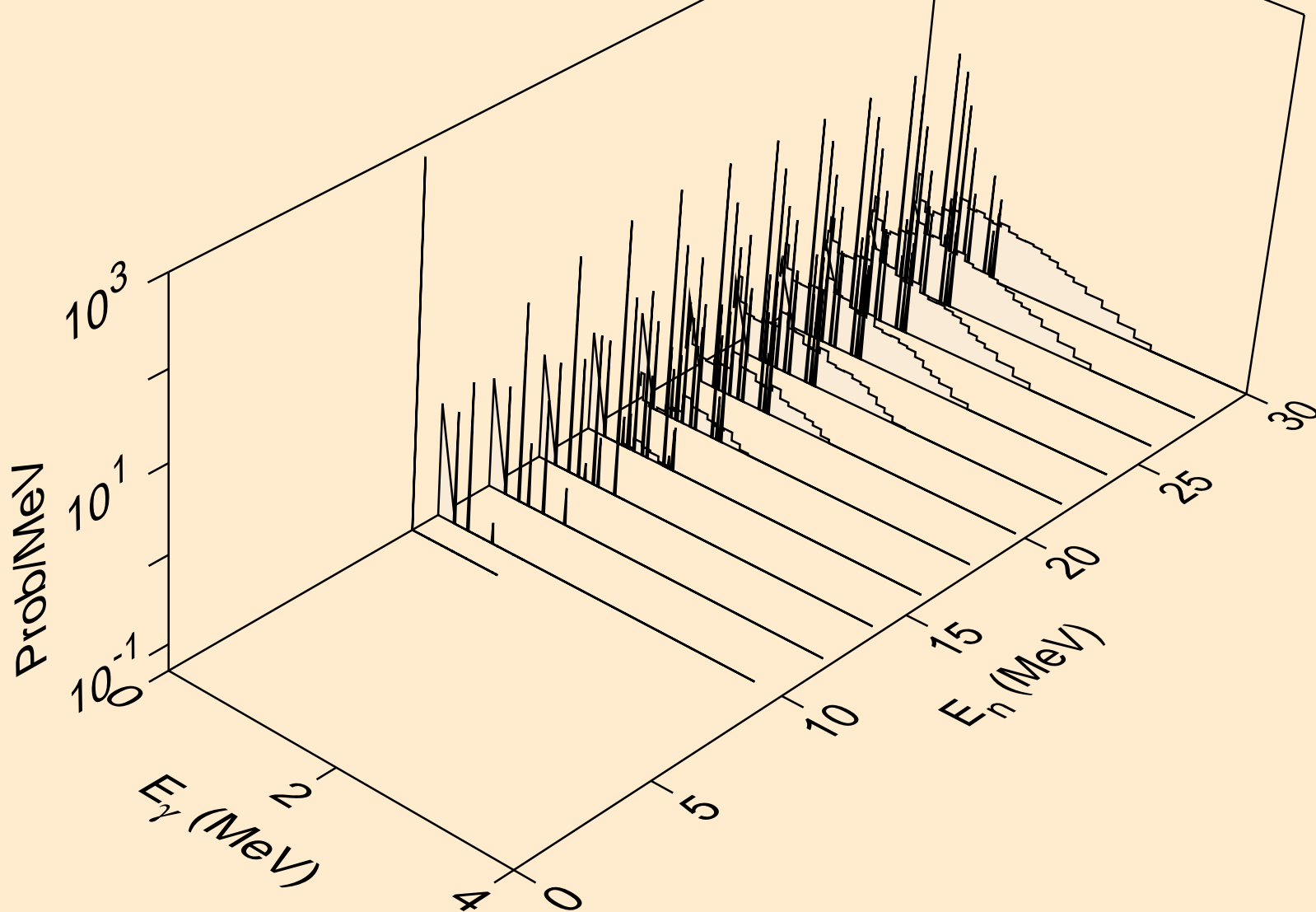
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d2a)



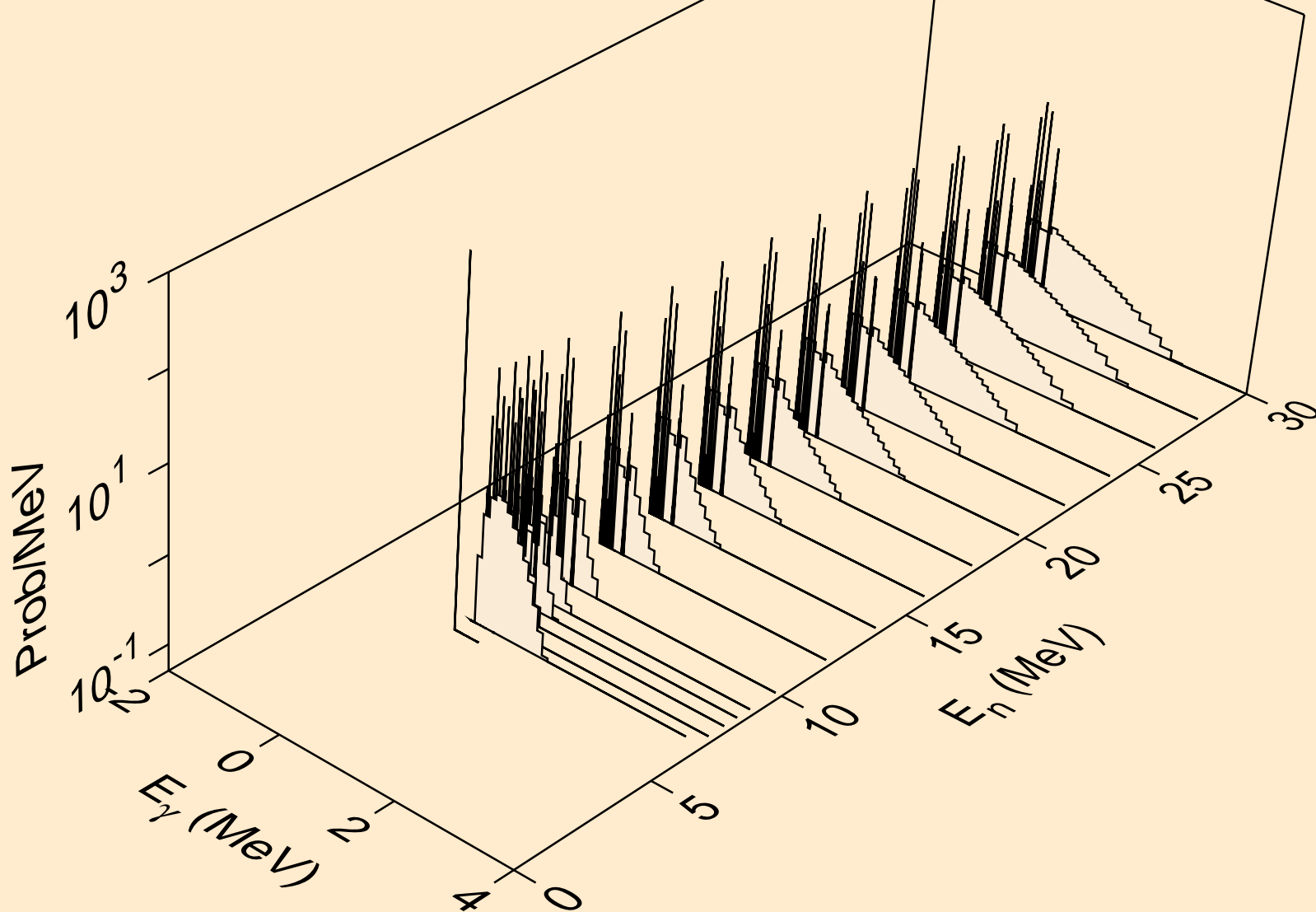
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



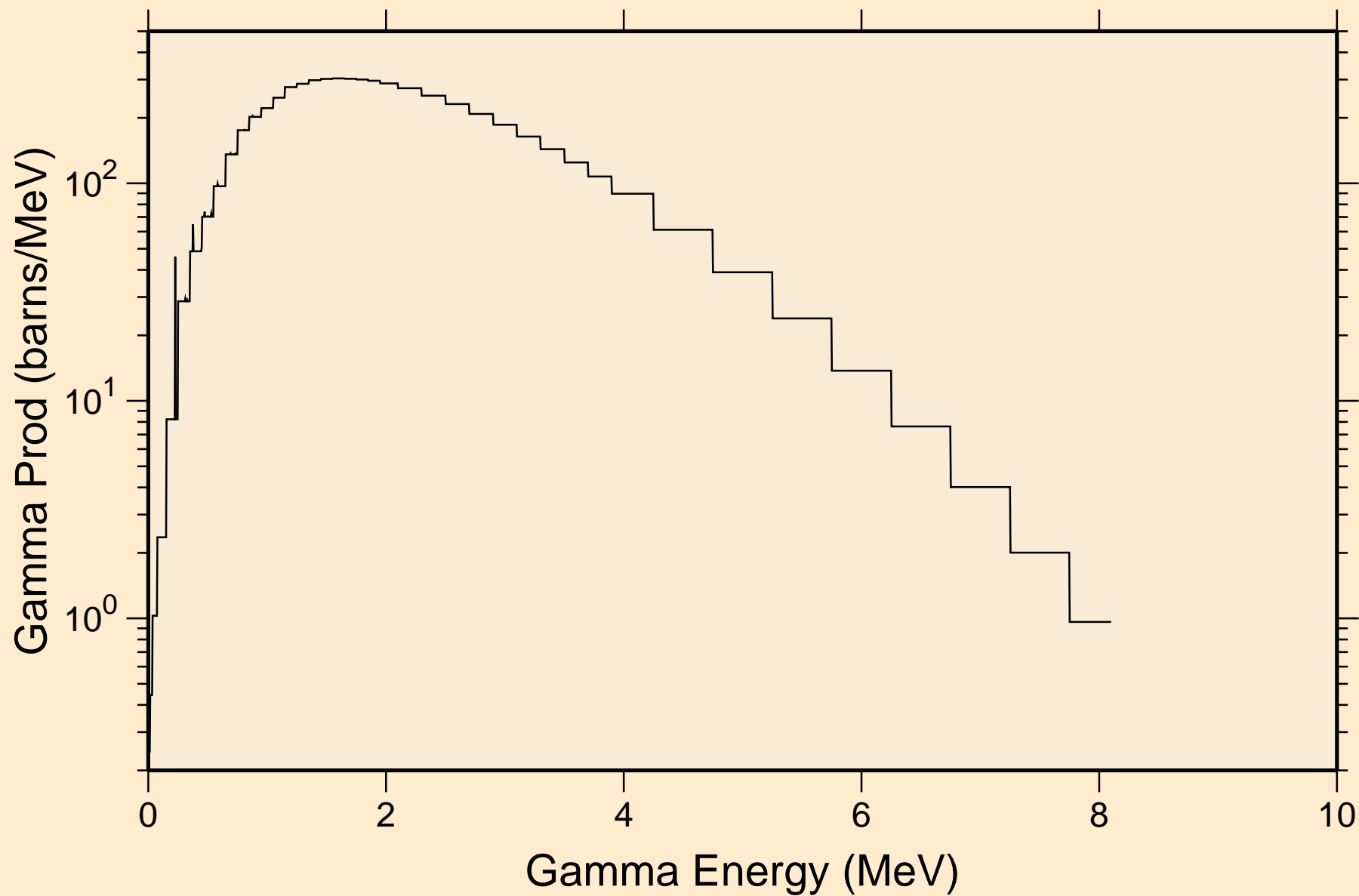
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



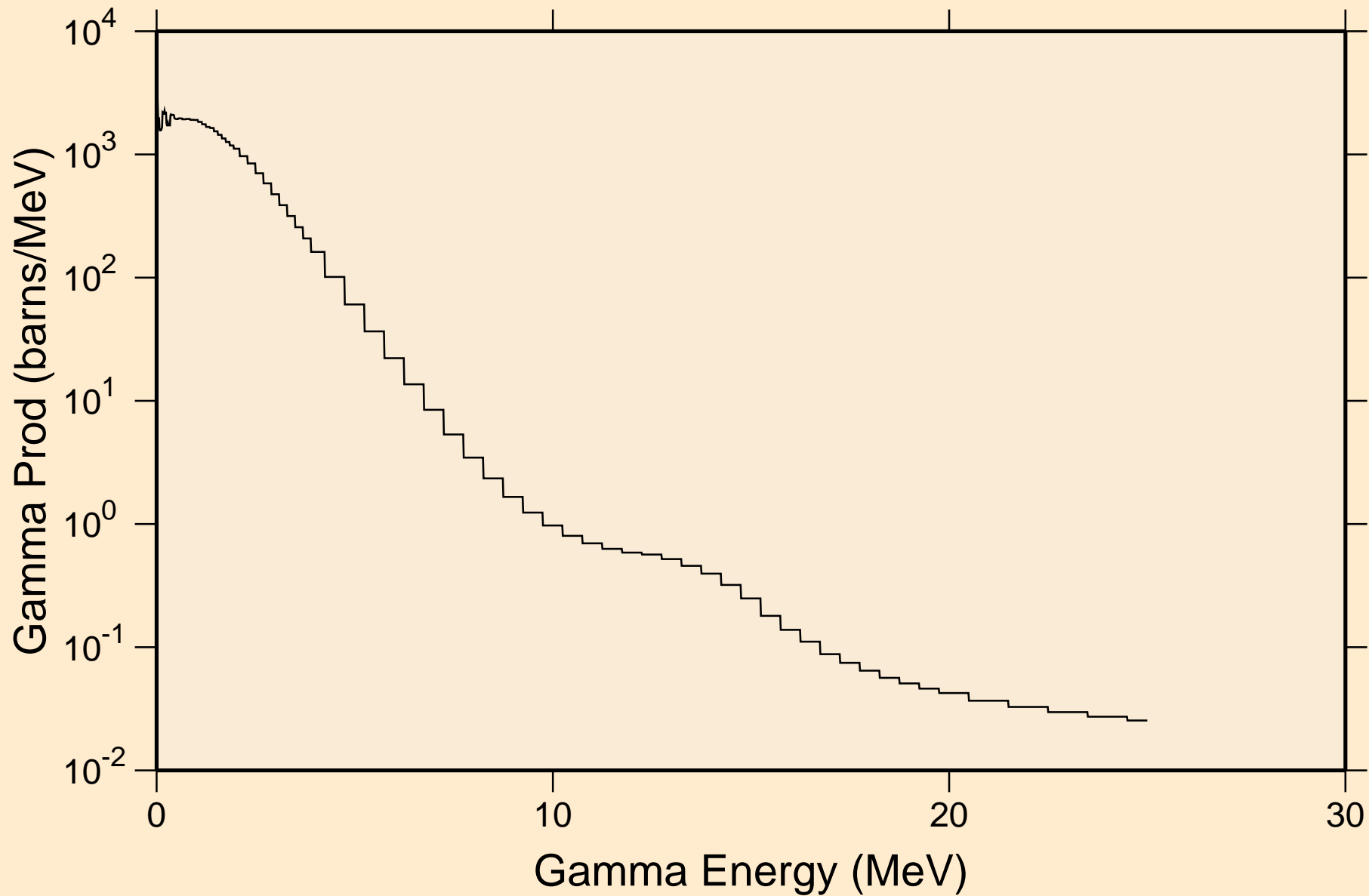
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

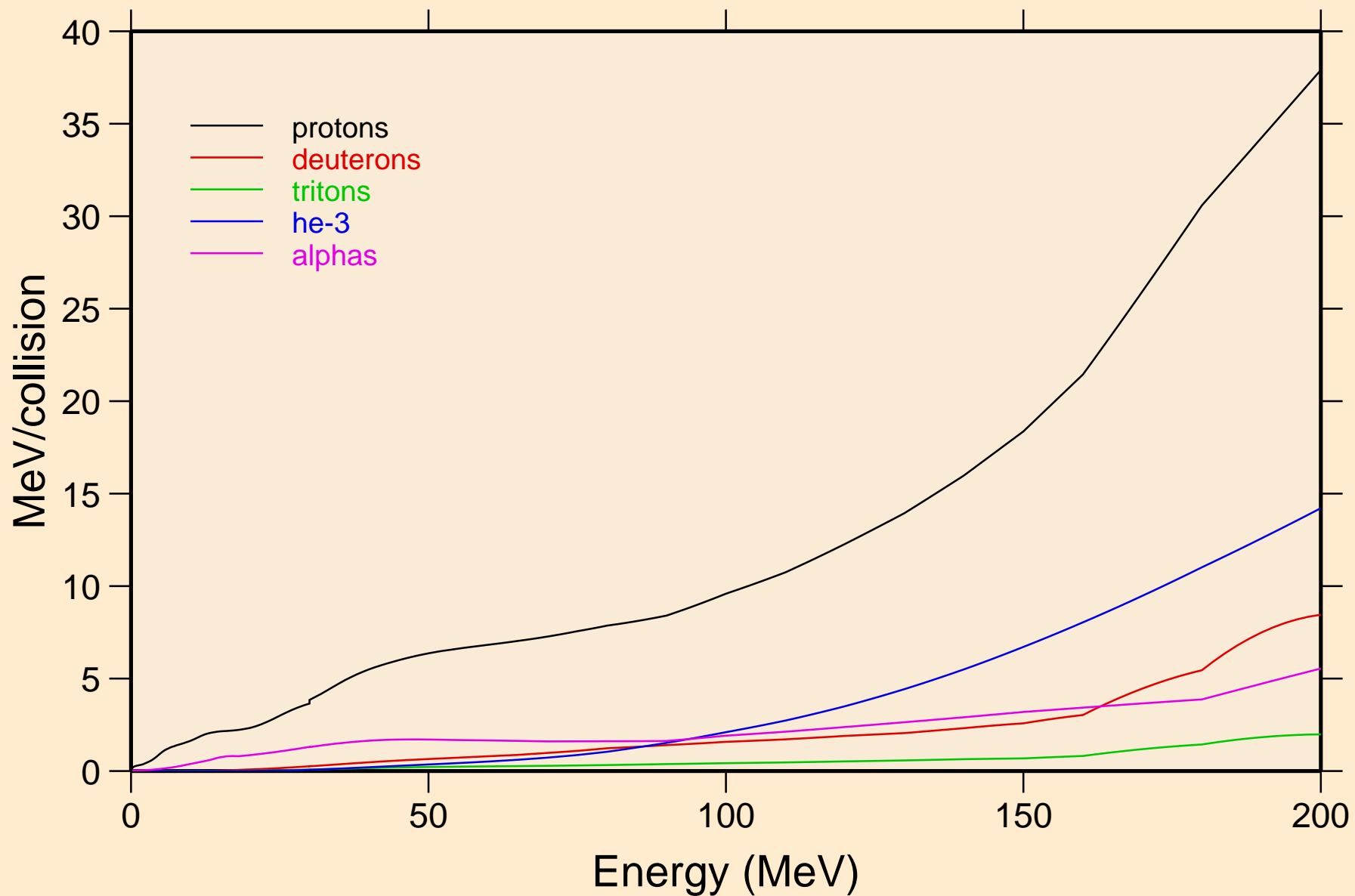


OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

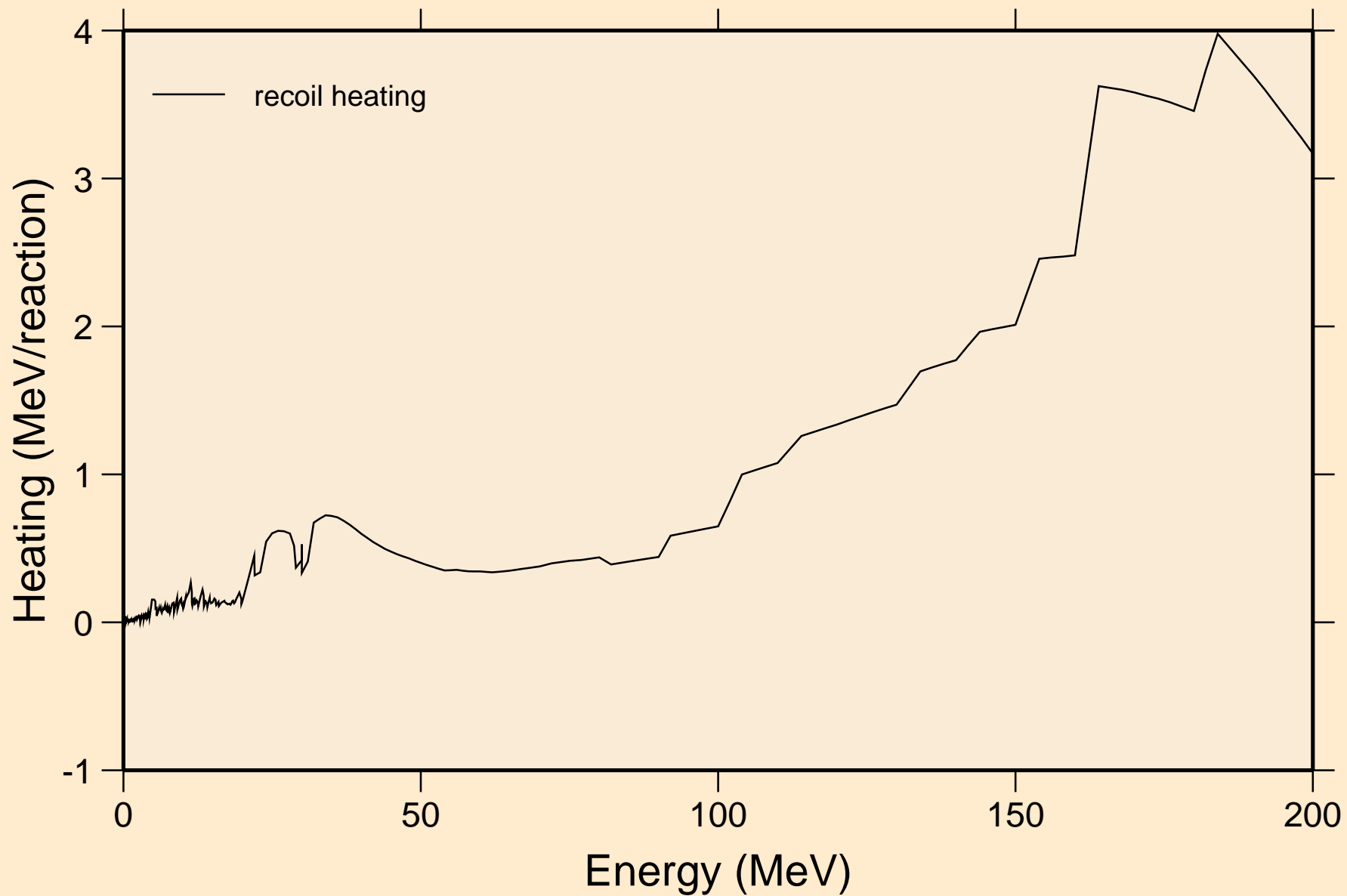


OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

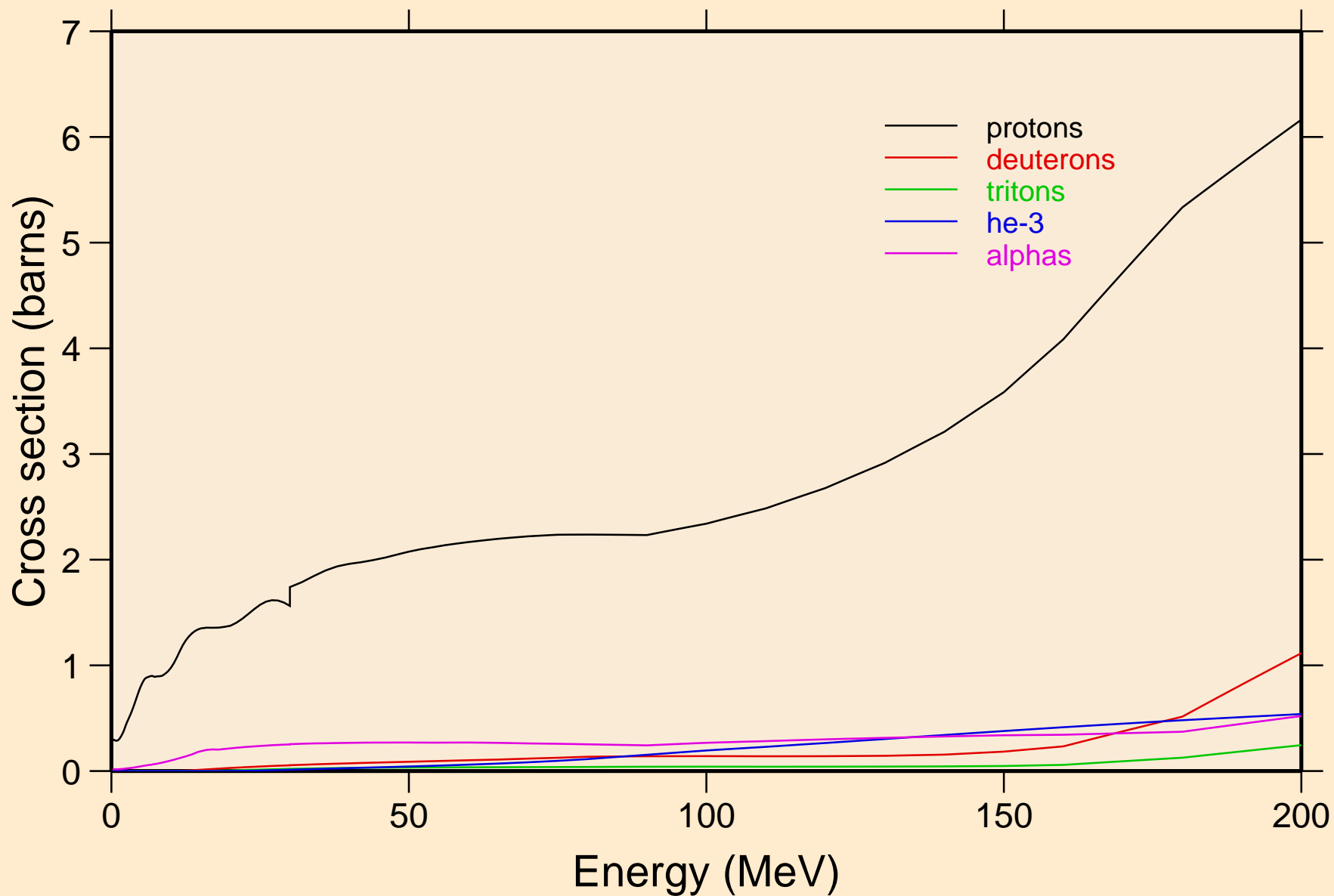
Particle heating contributions



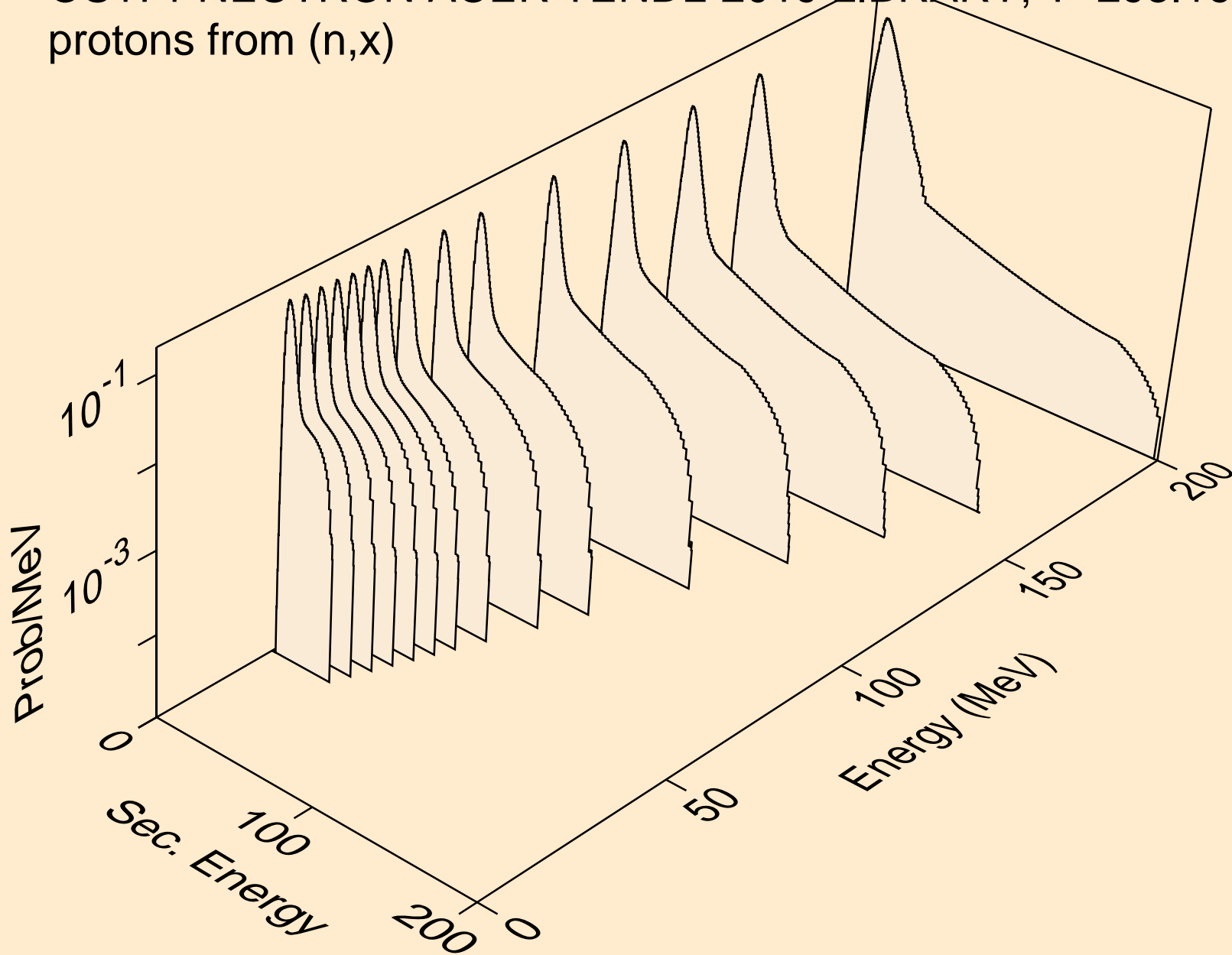
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



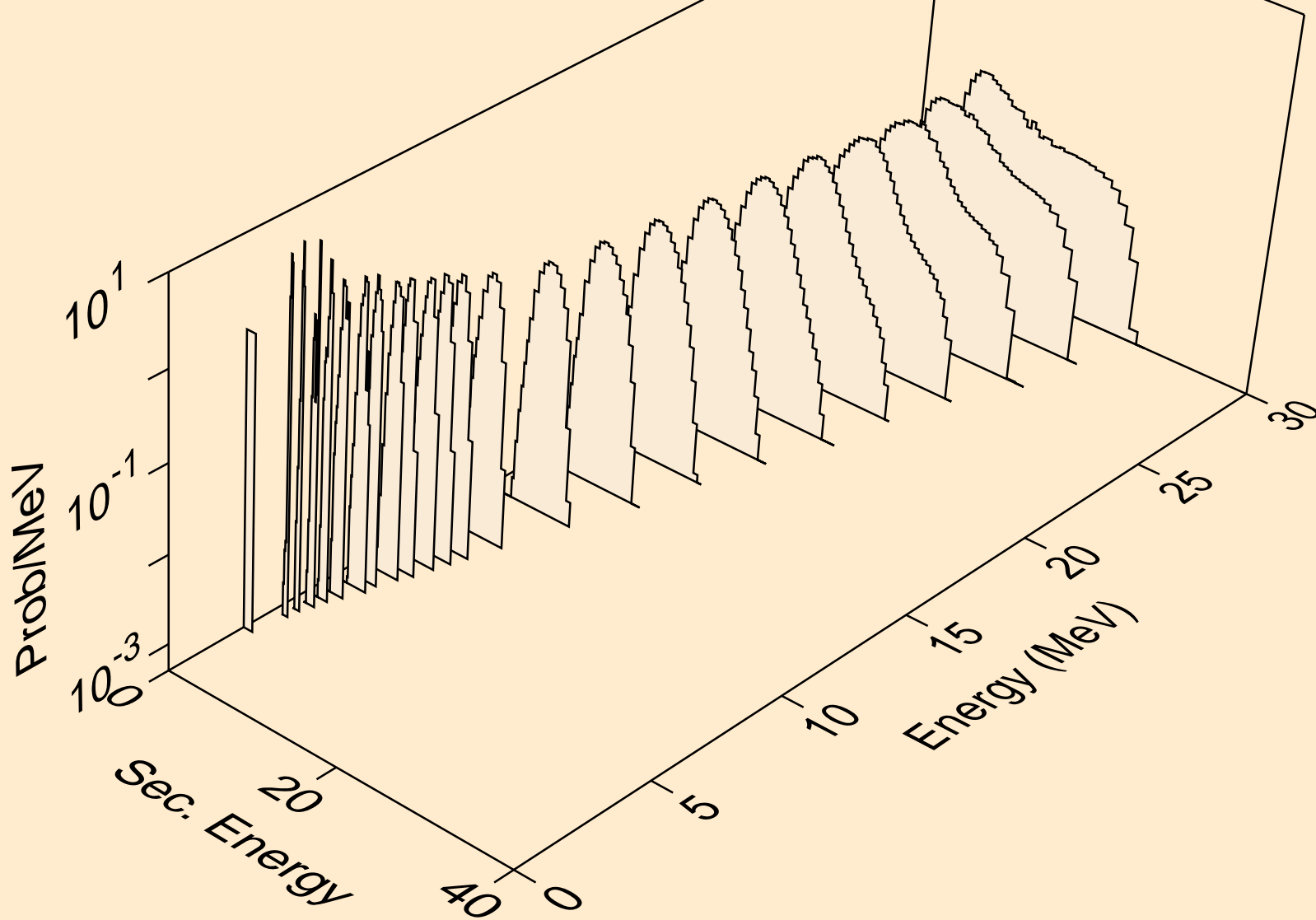
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



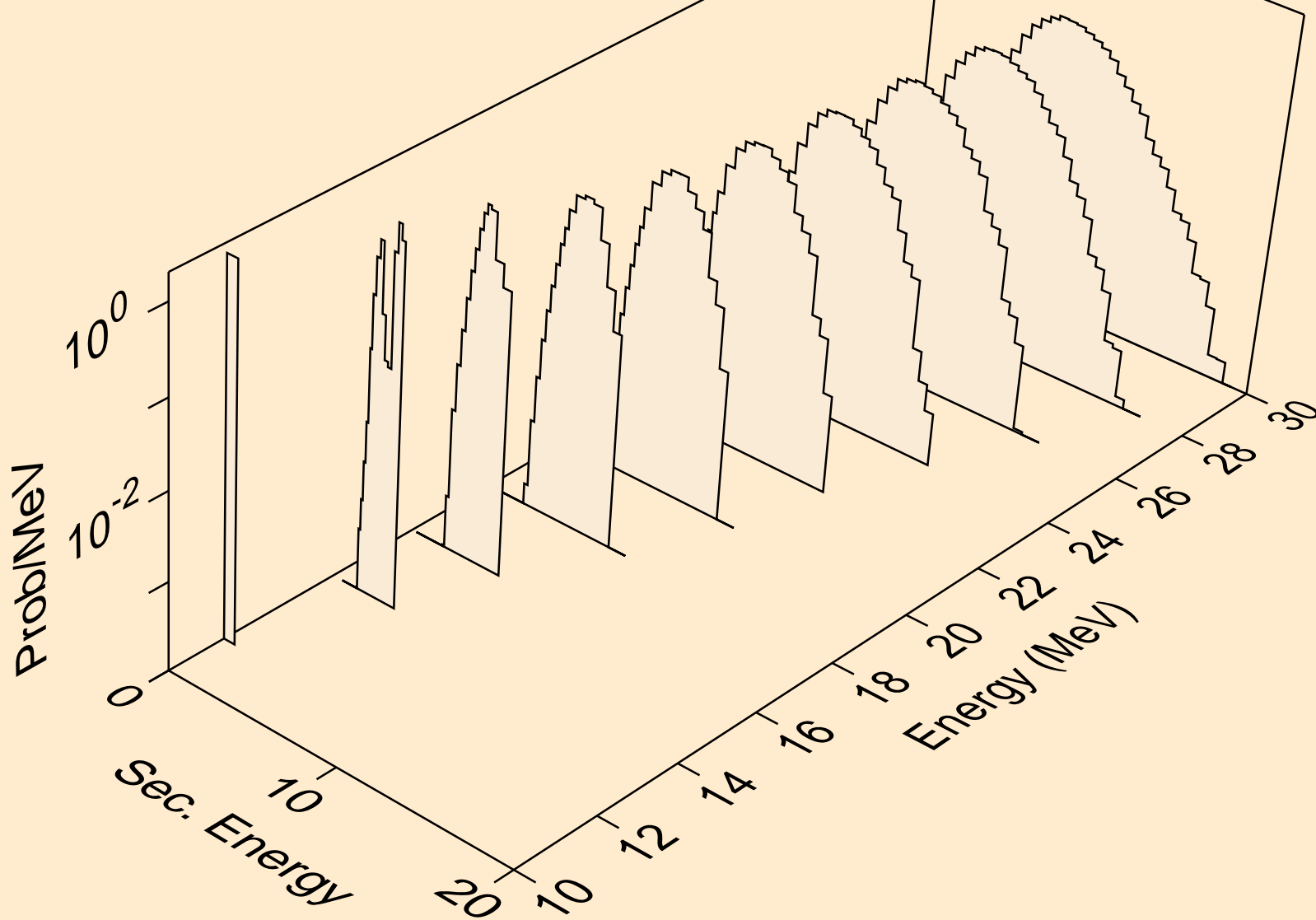
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



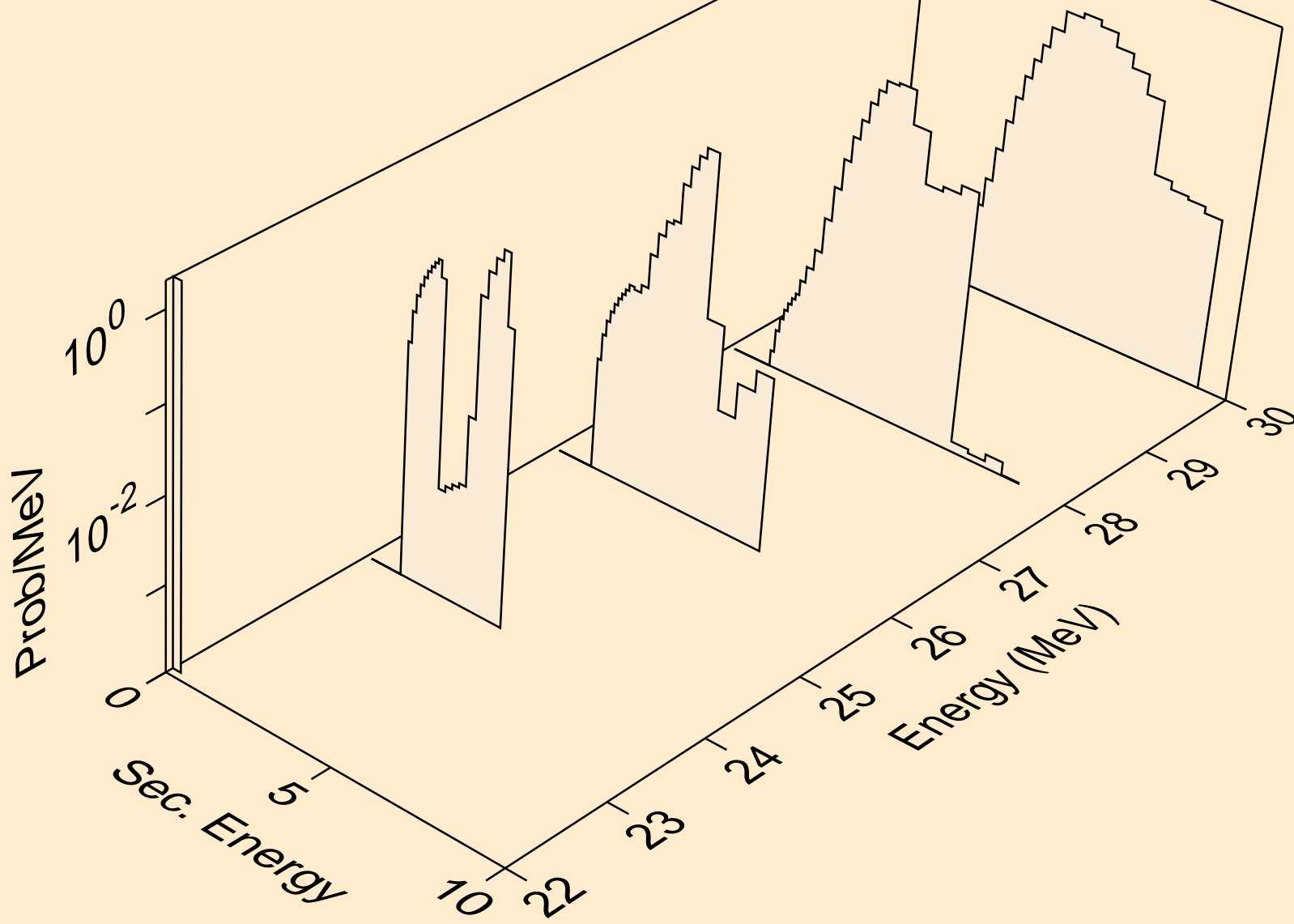
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



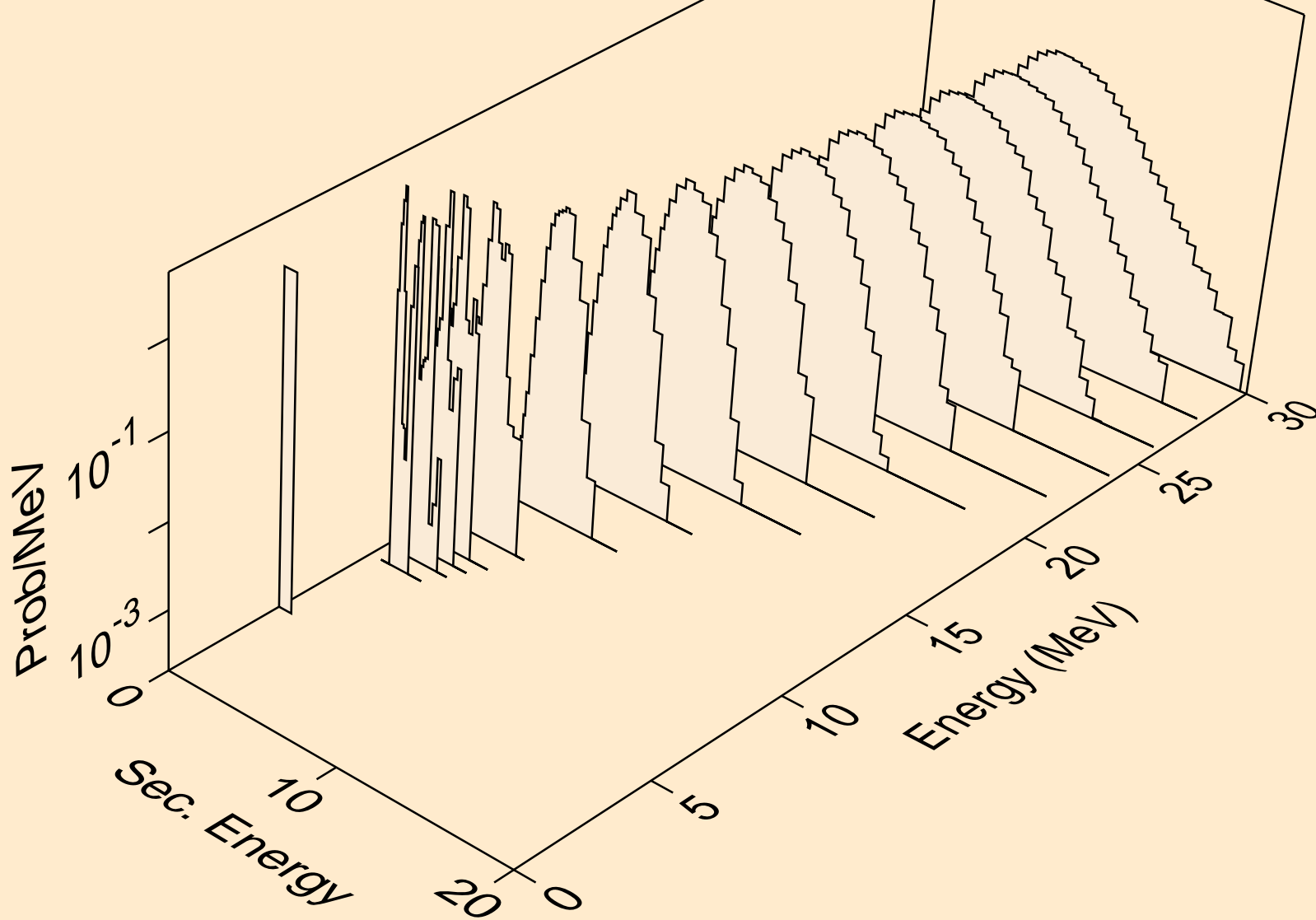
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



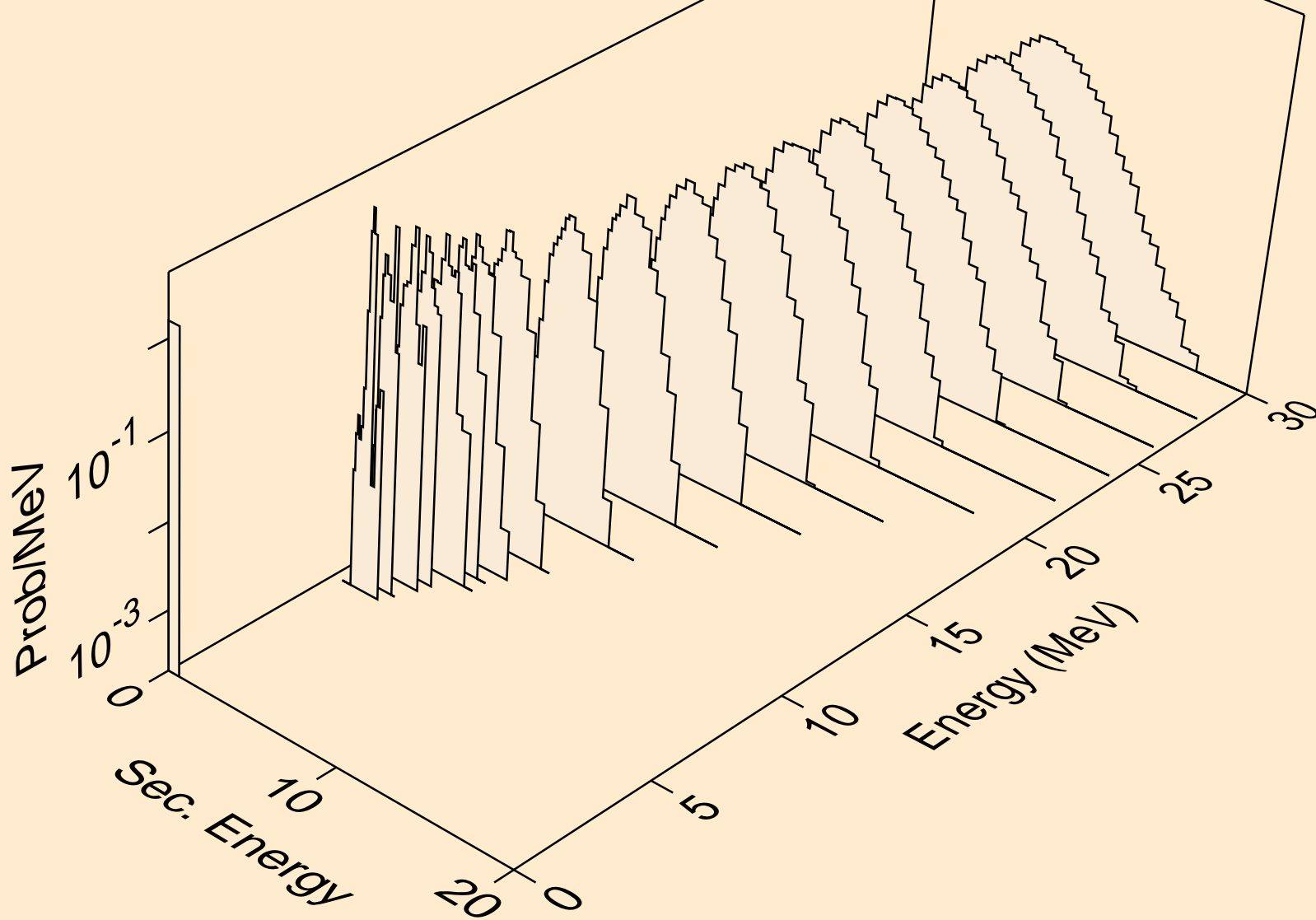
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



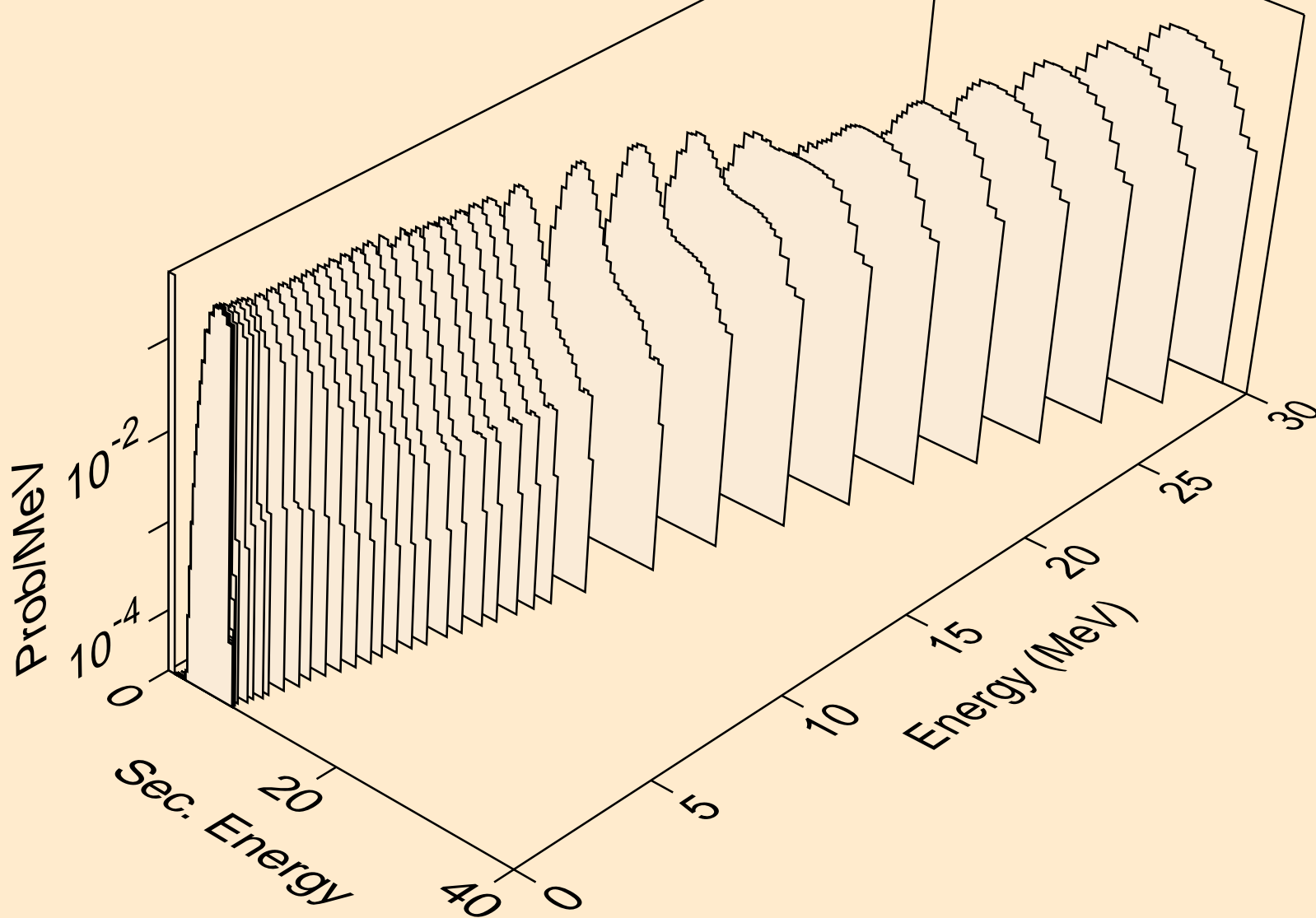
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



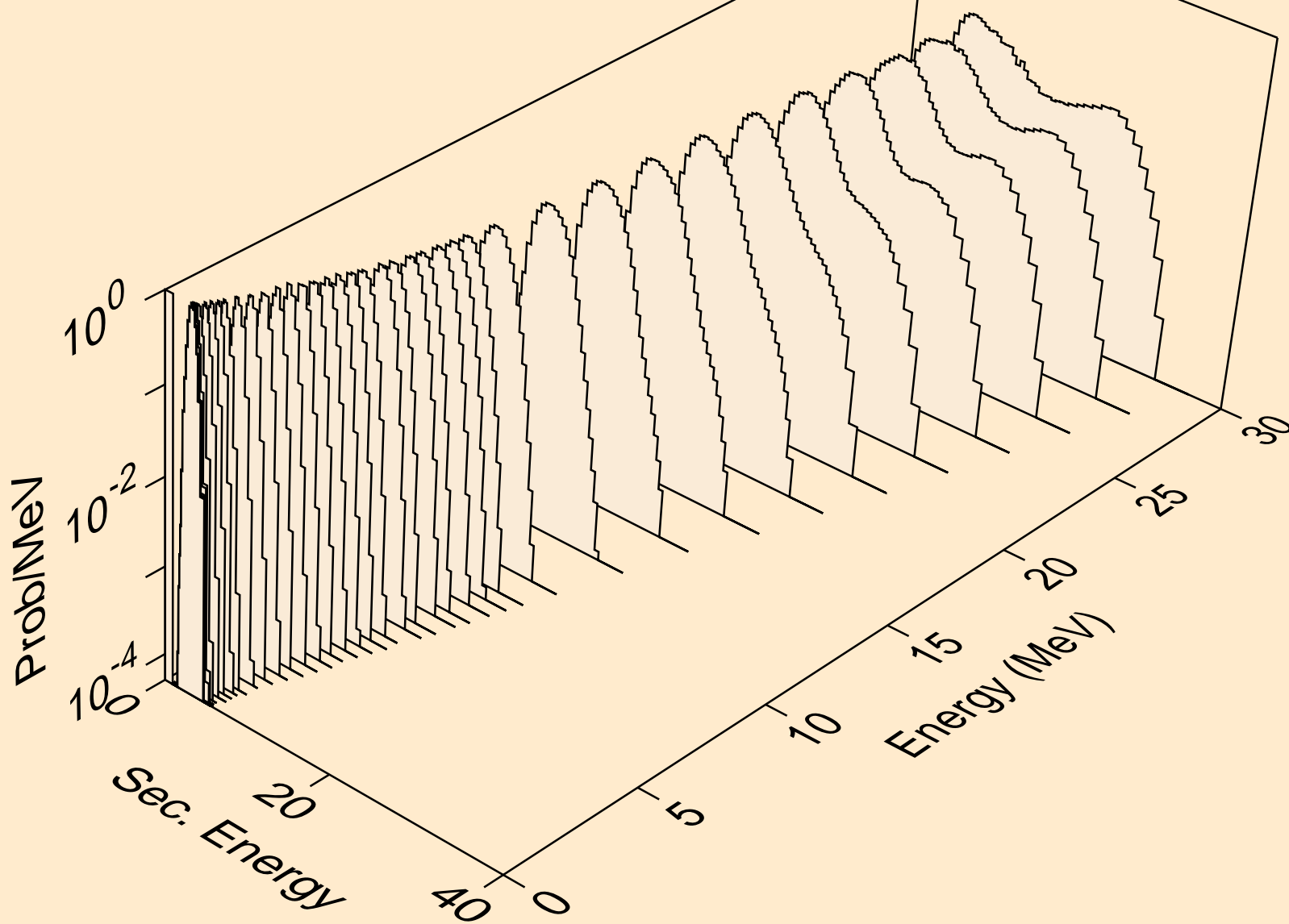
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



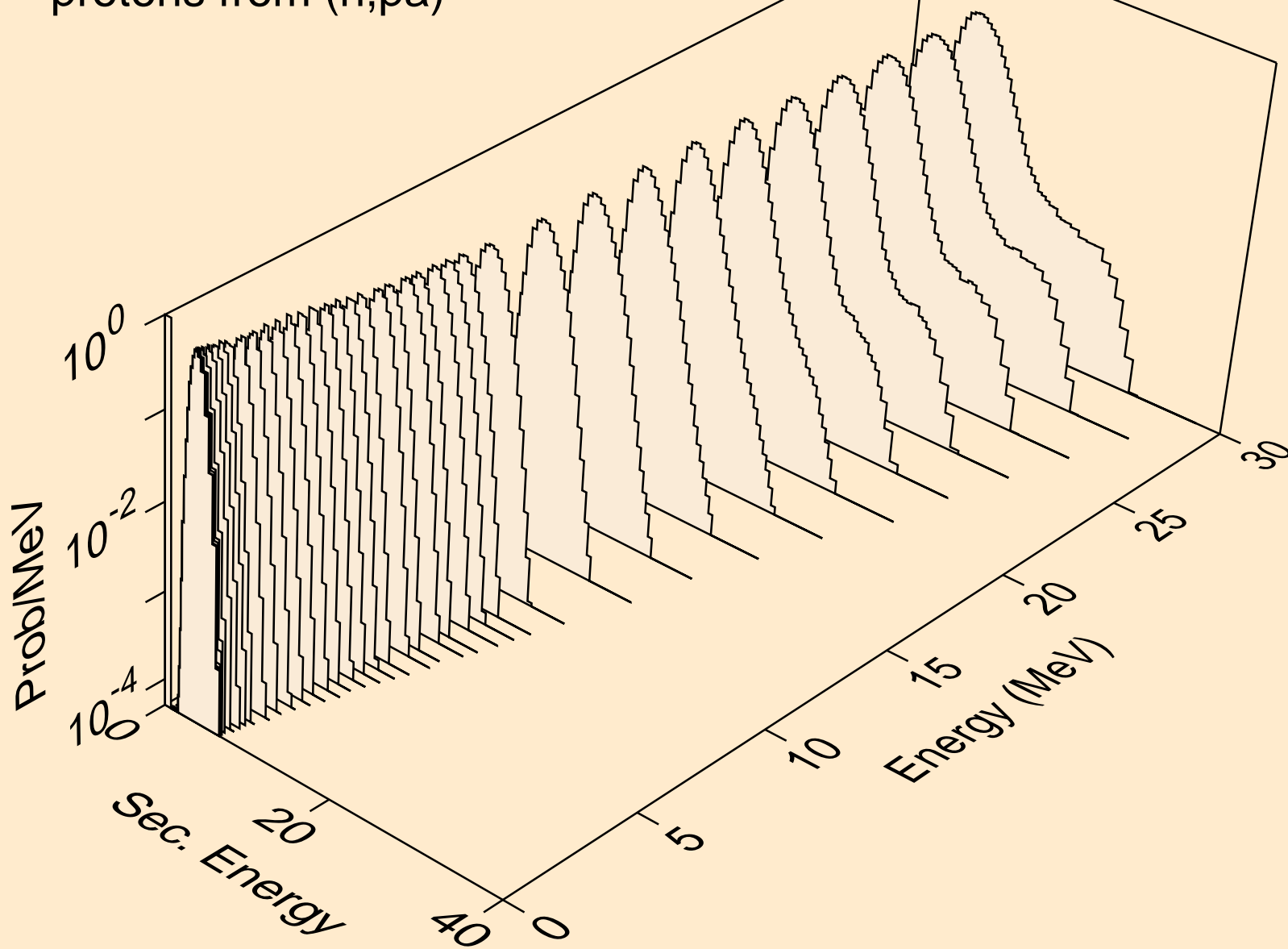
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



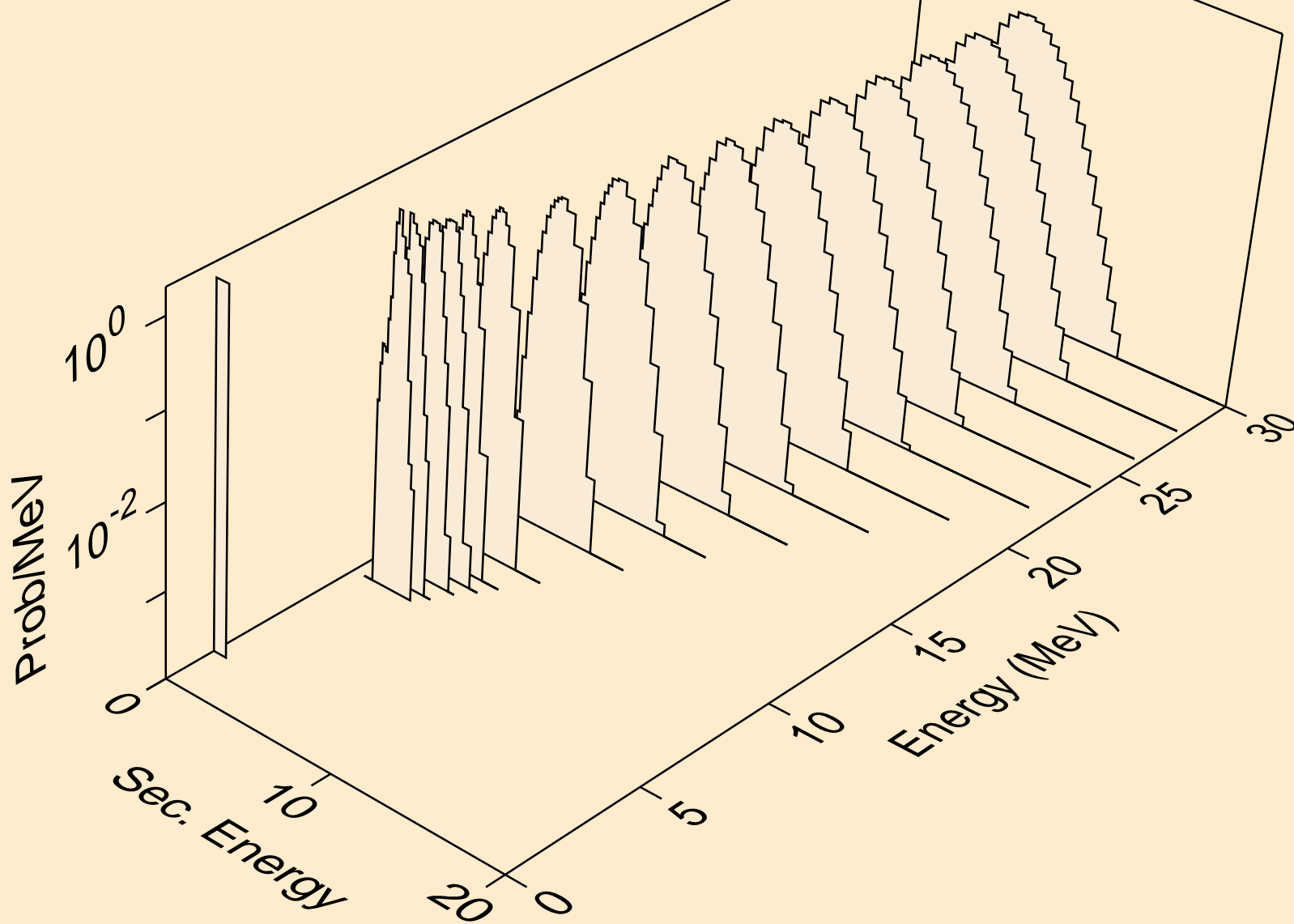
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



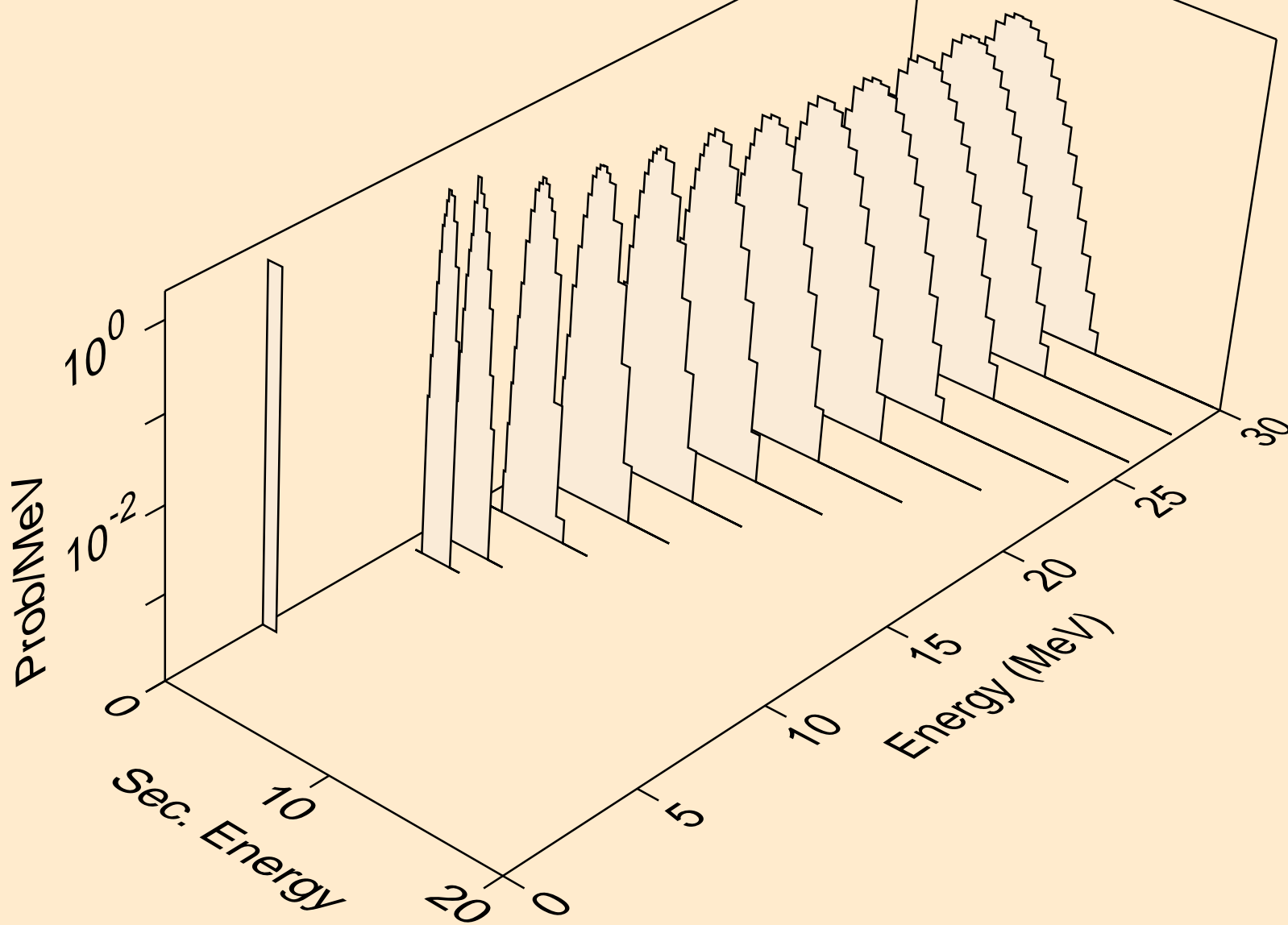
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



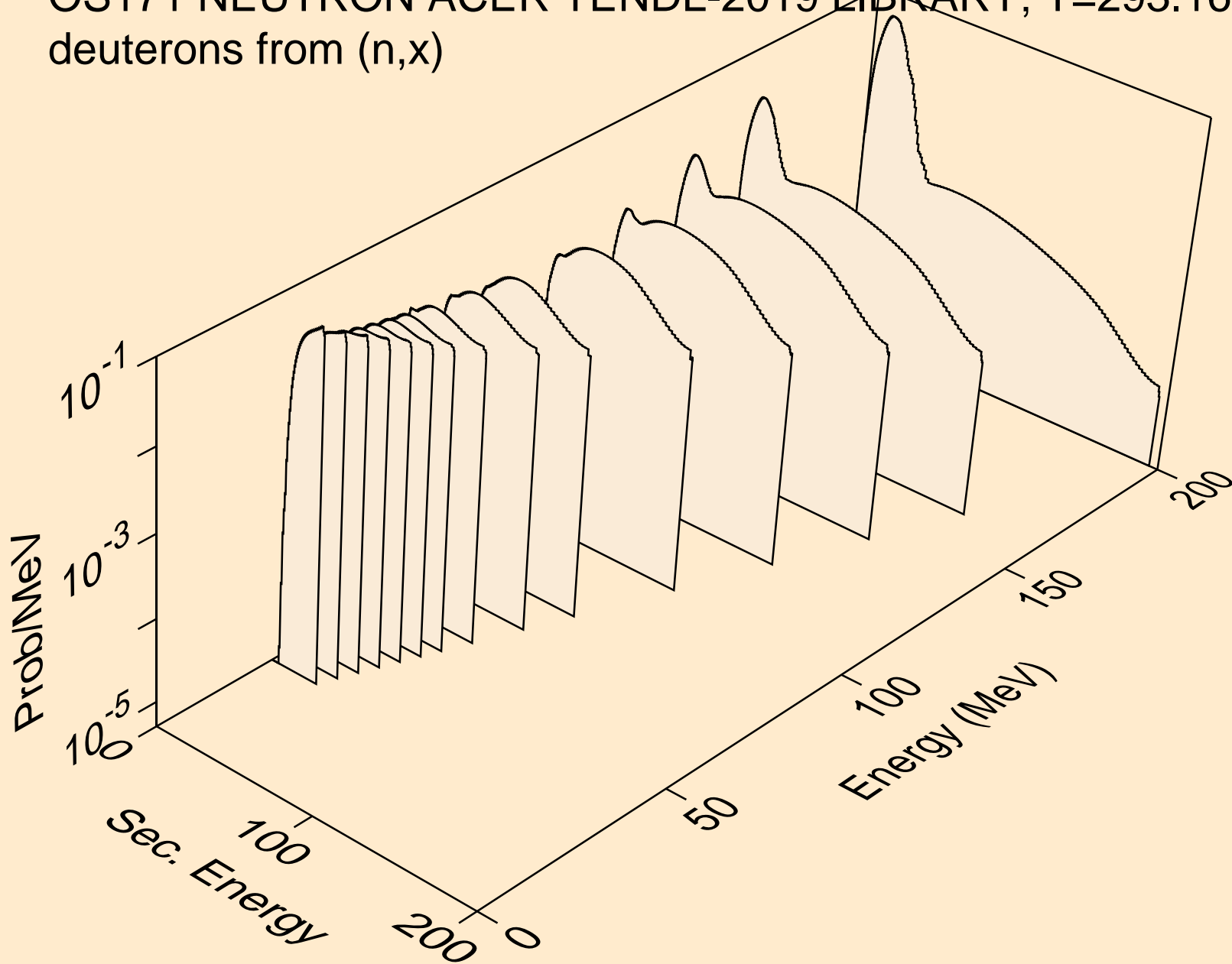
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



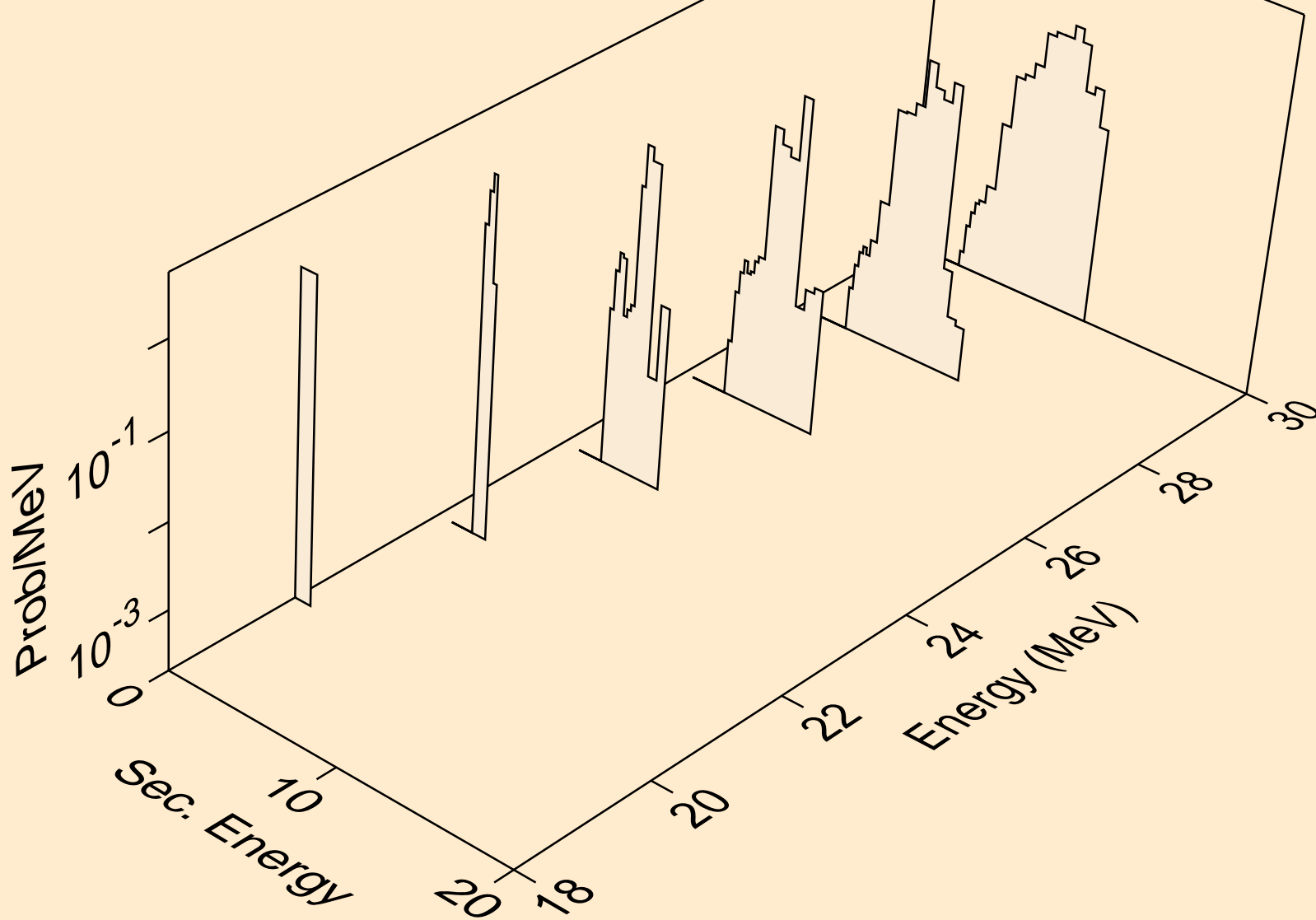
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



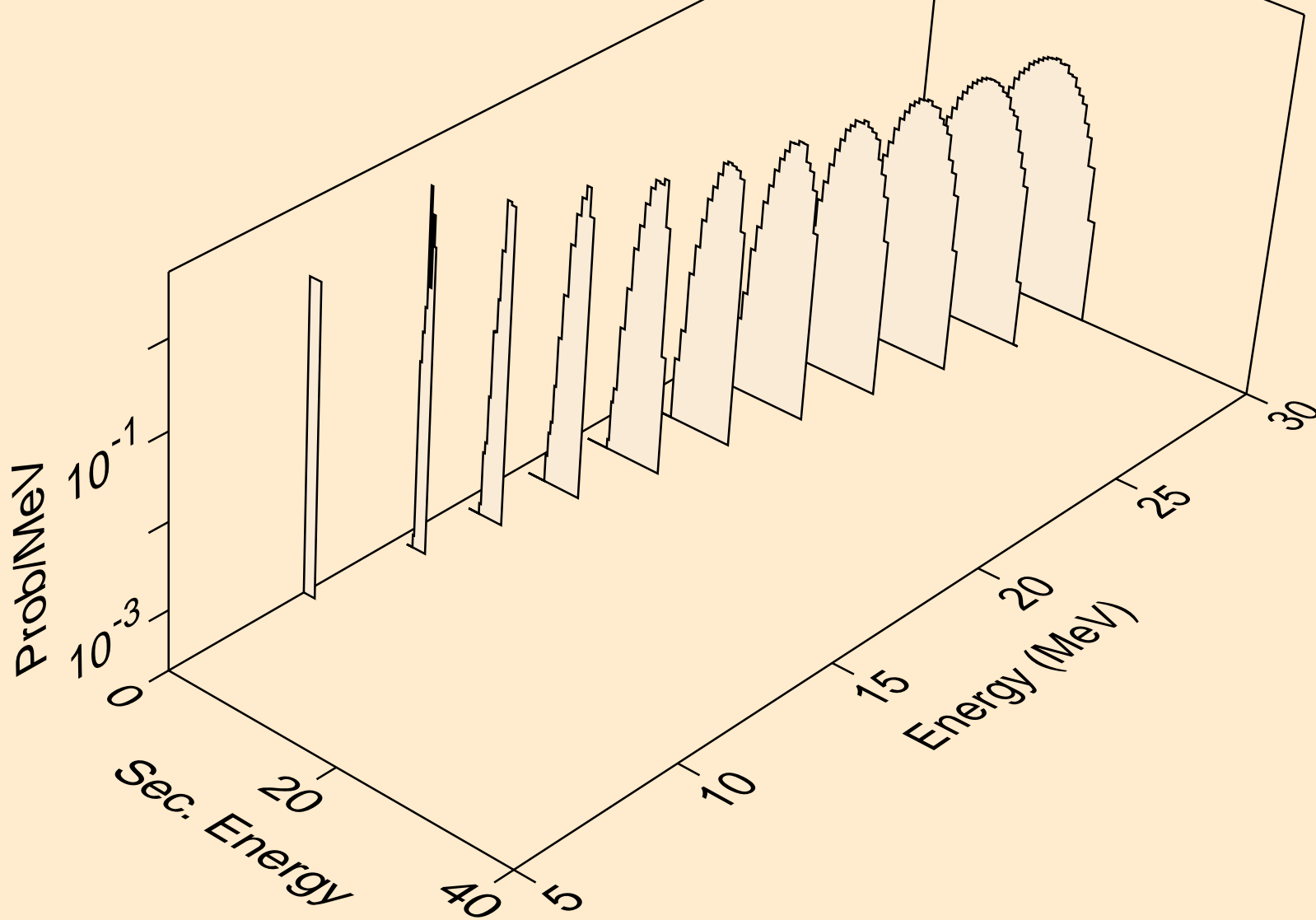
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



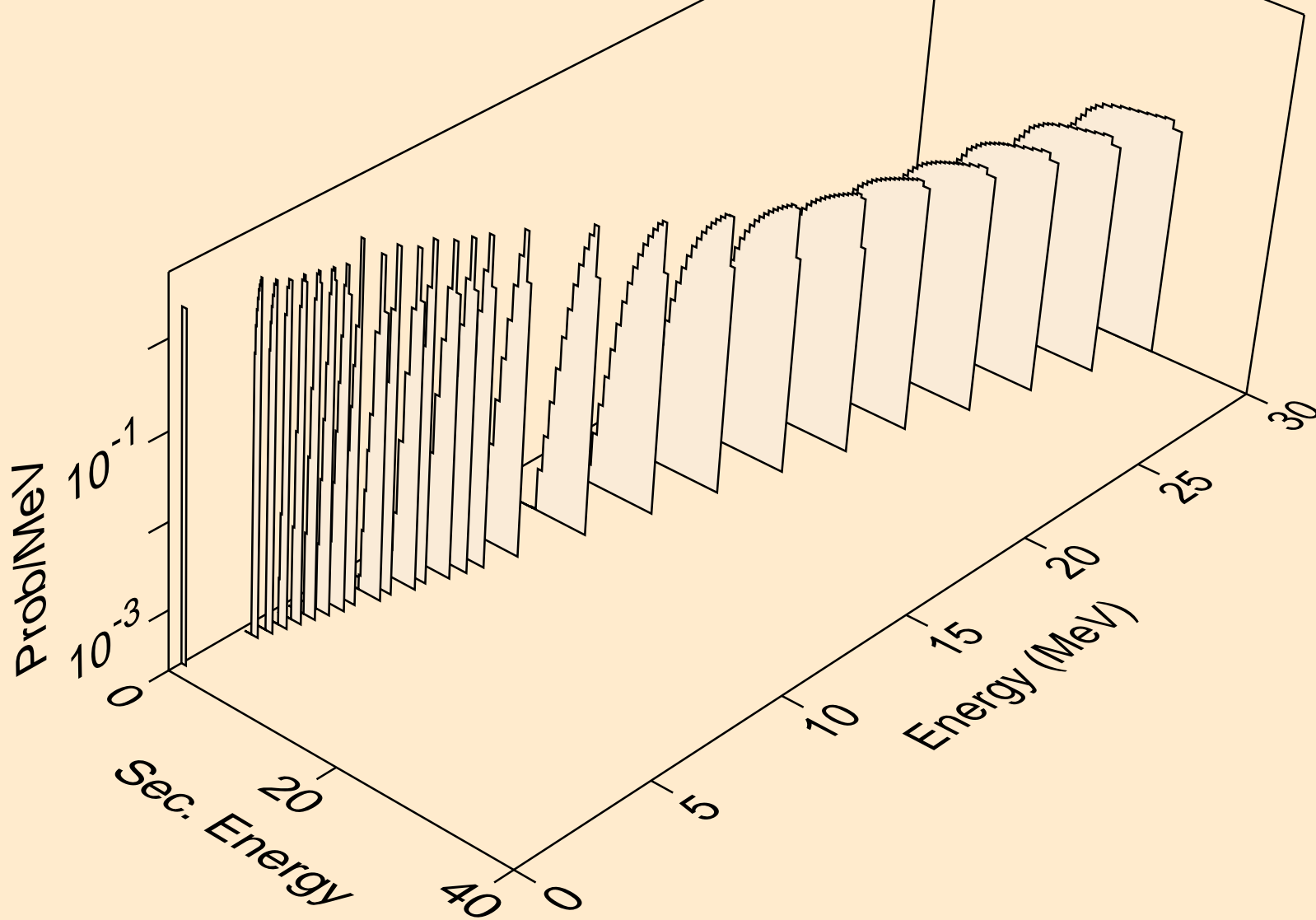
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



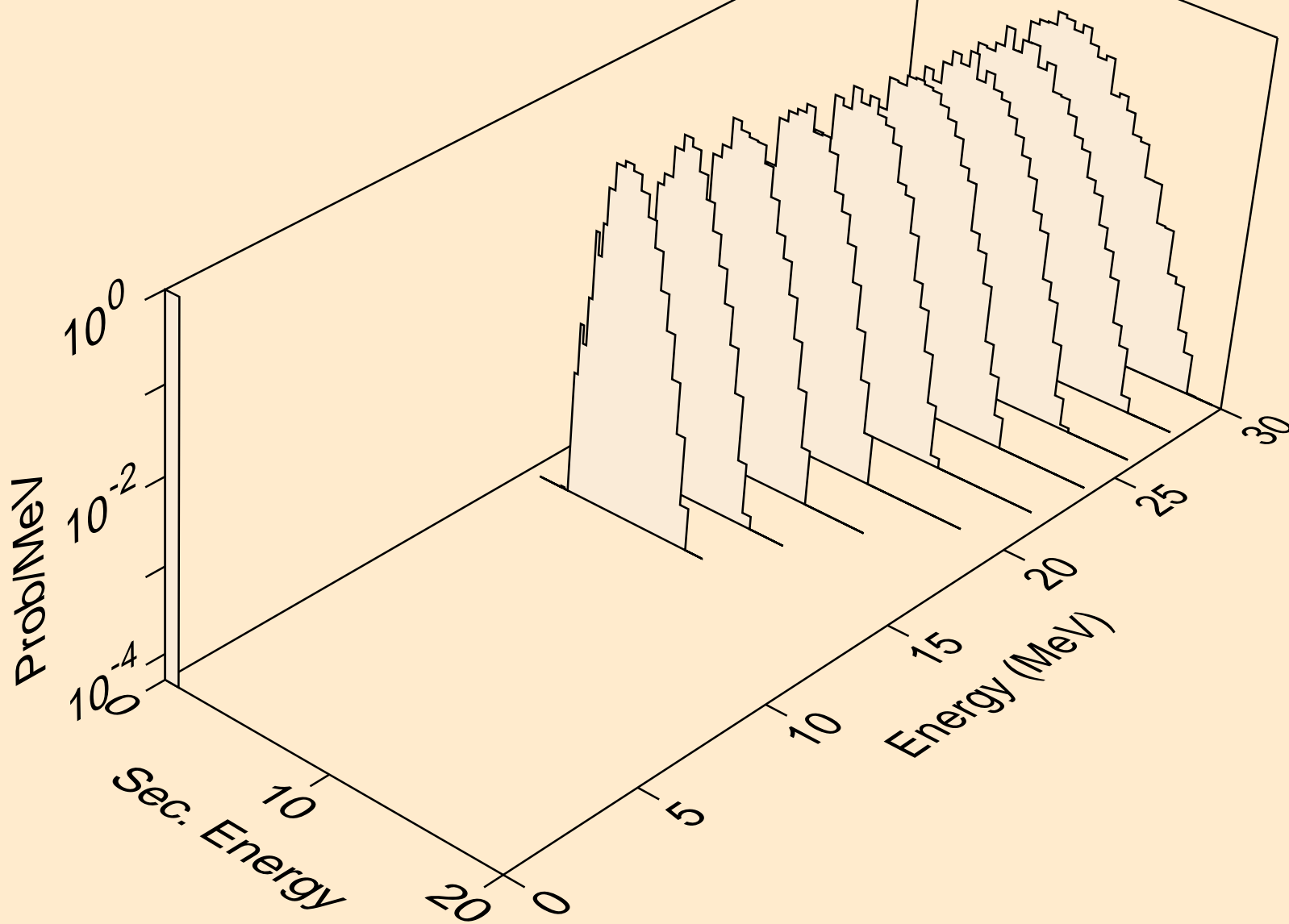
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



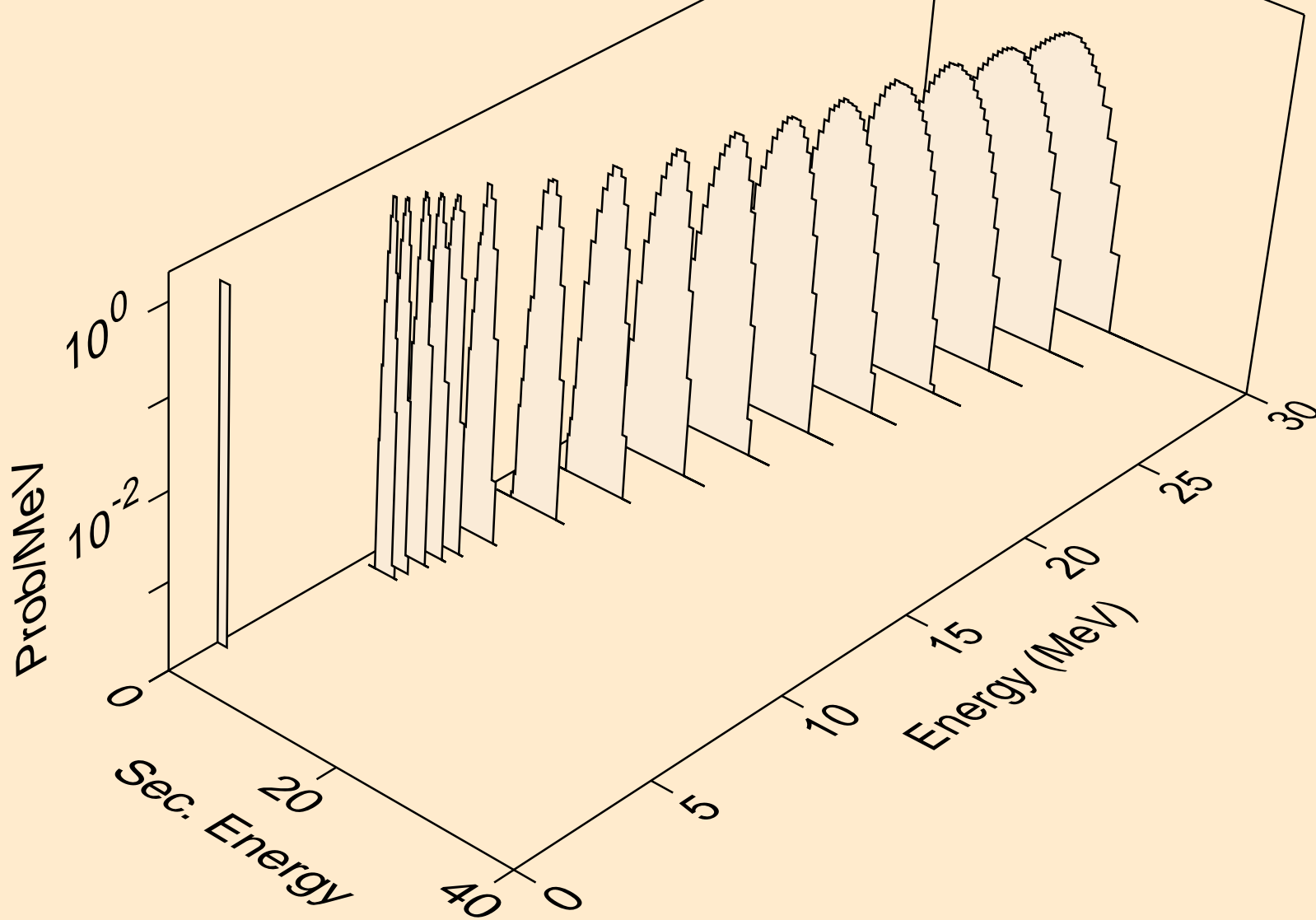
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



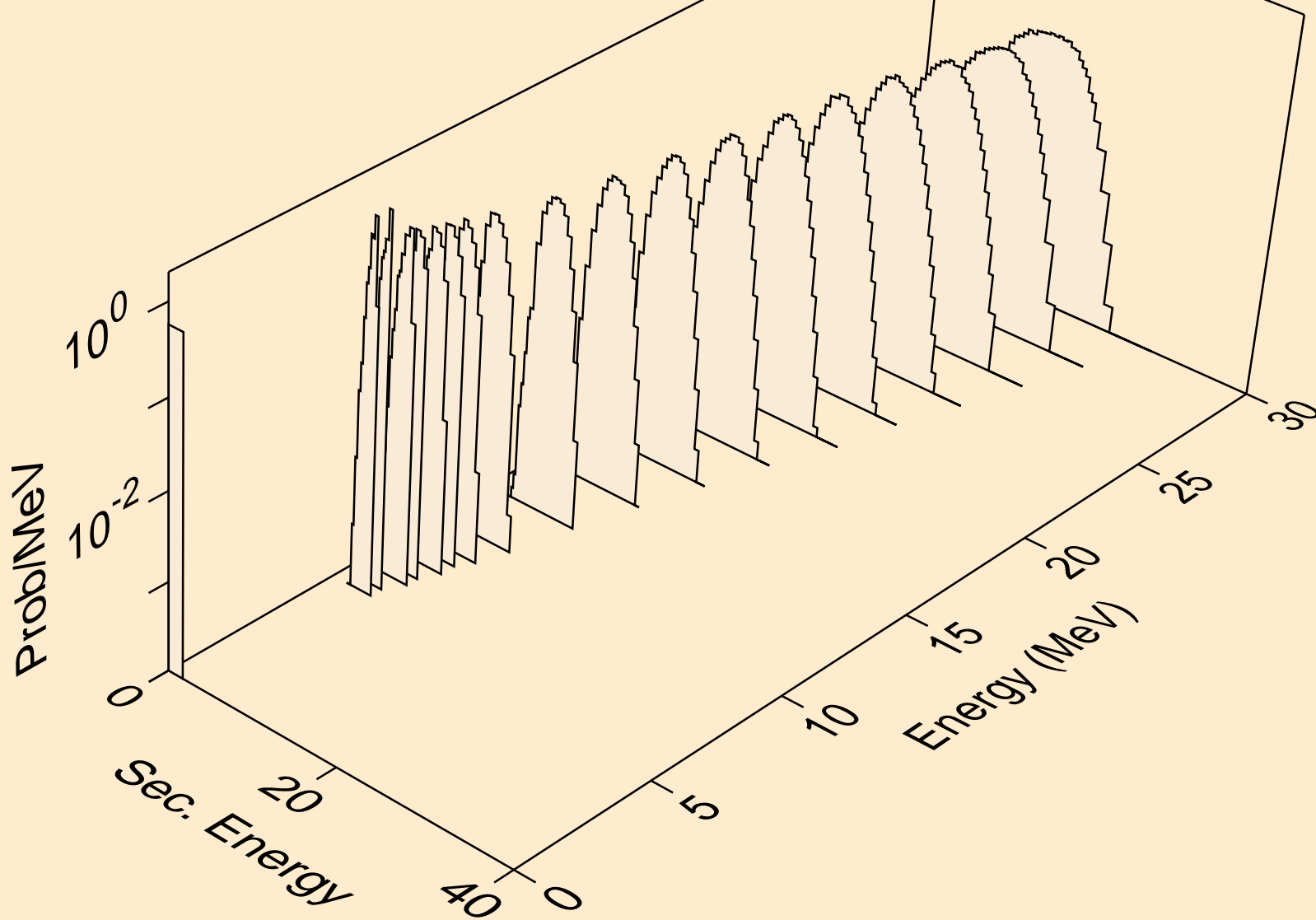
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d2a)



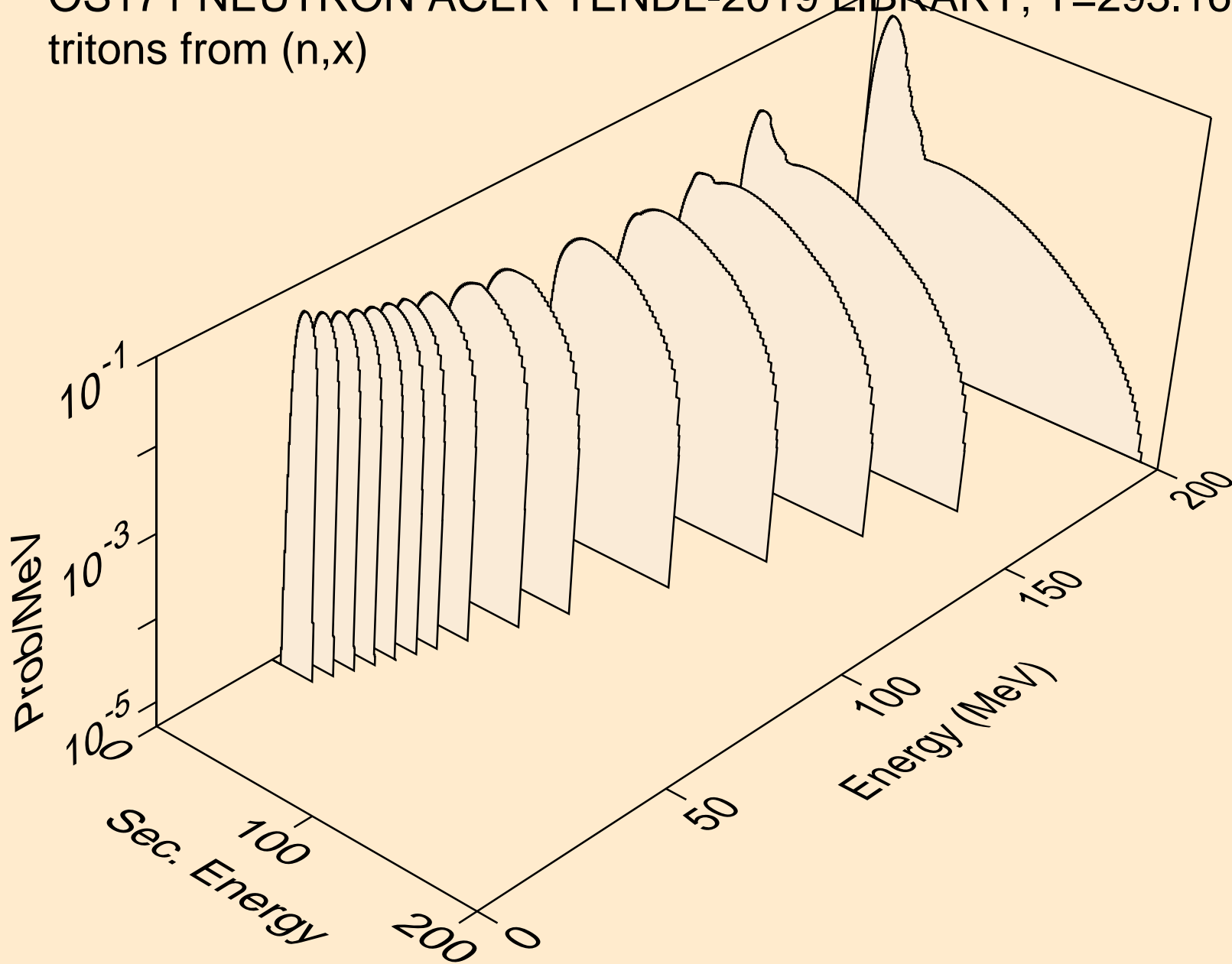
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



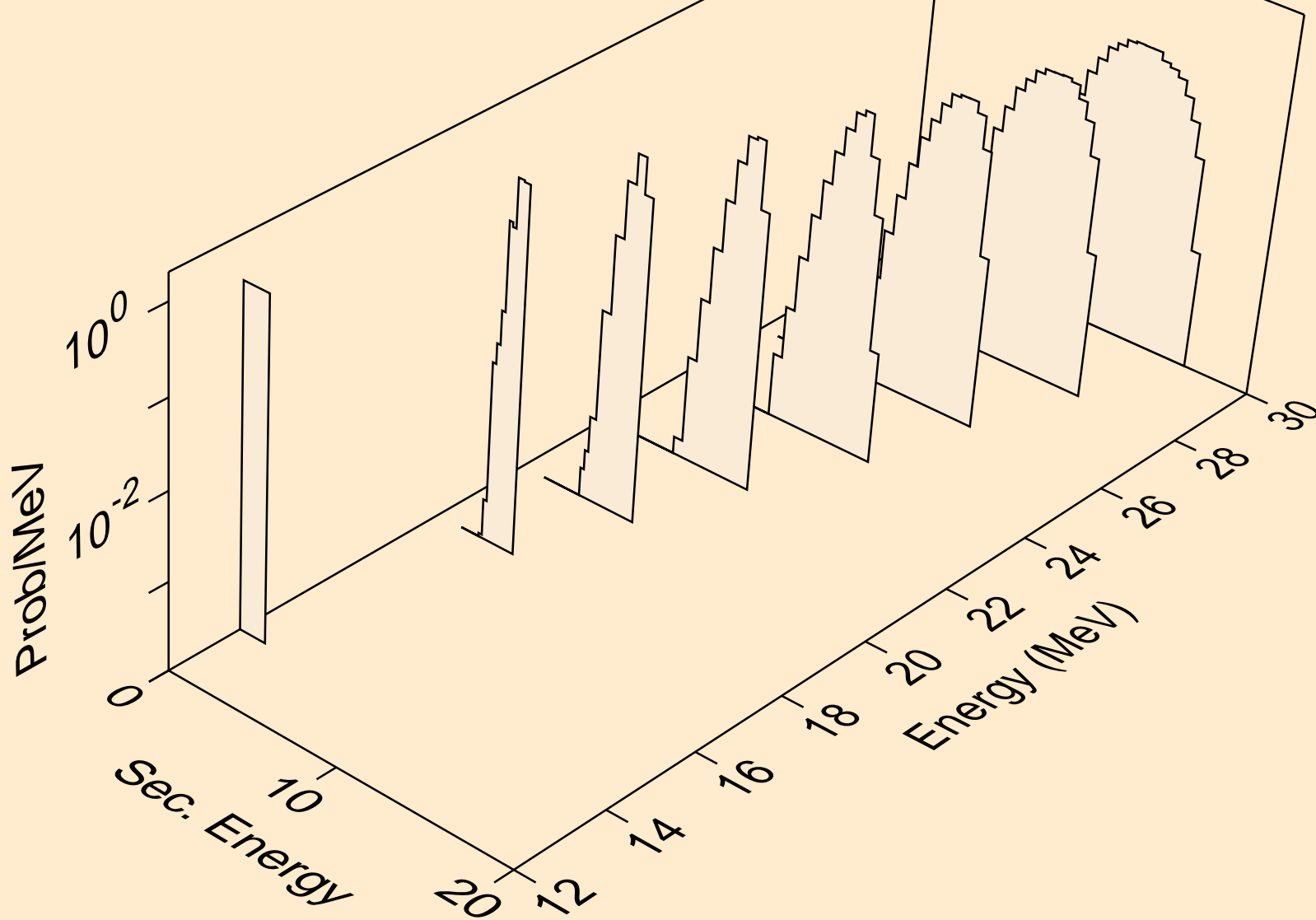
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



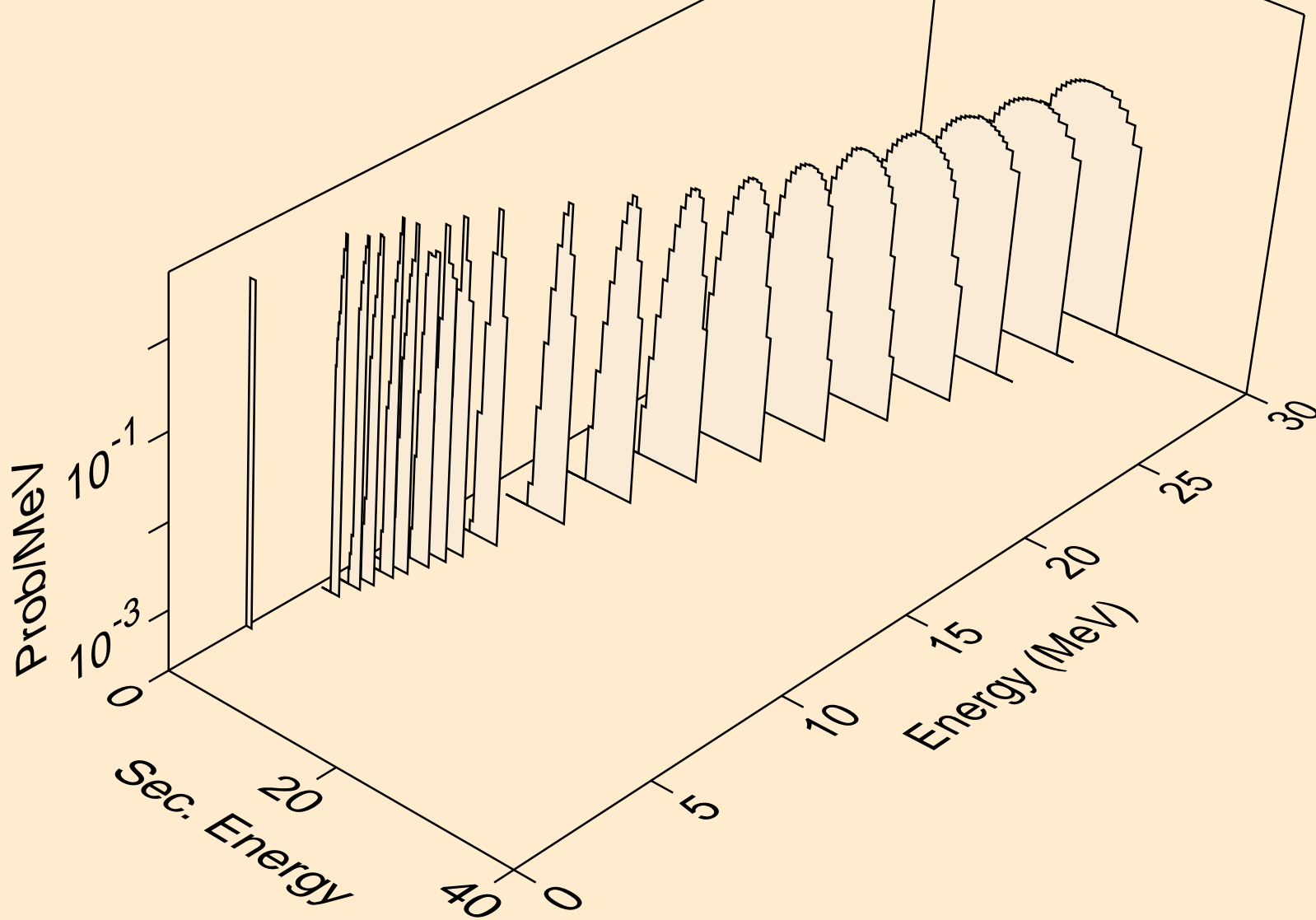
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



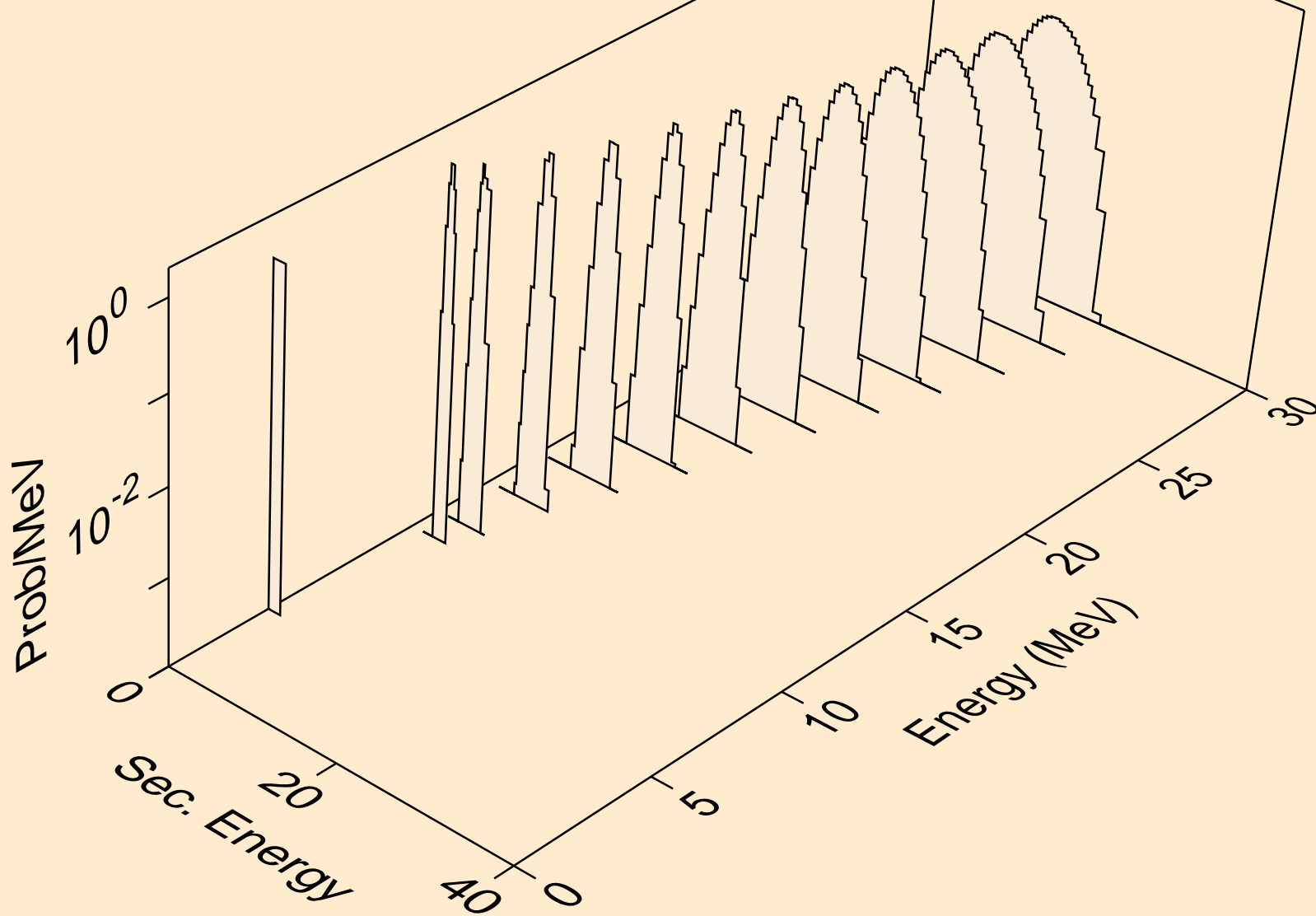
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



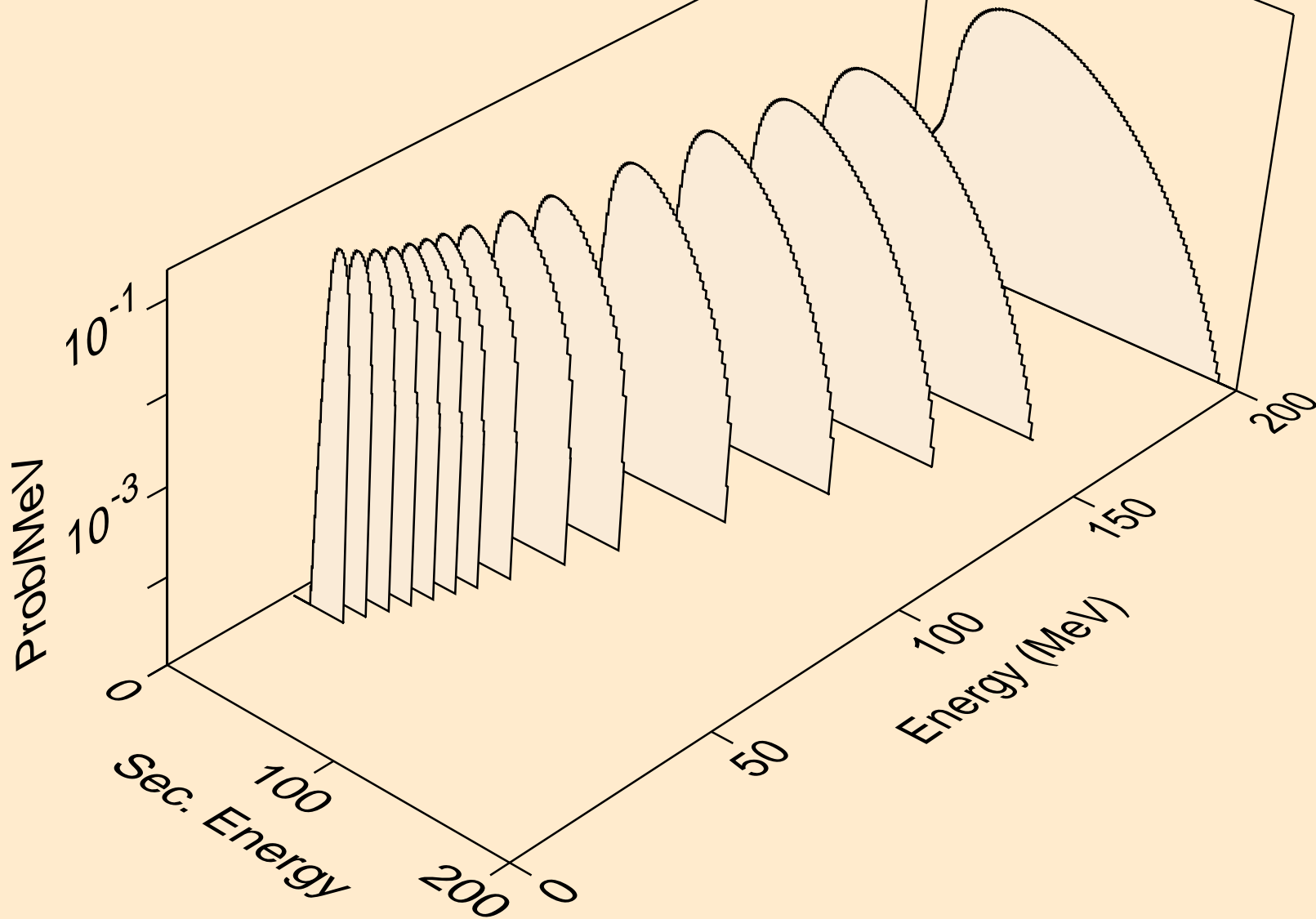
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



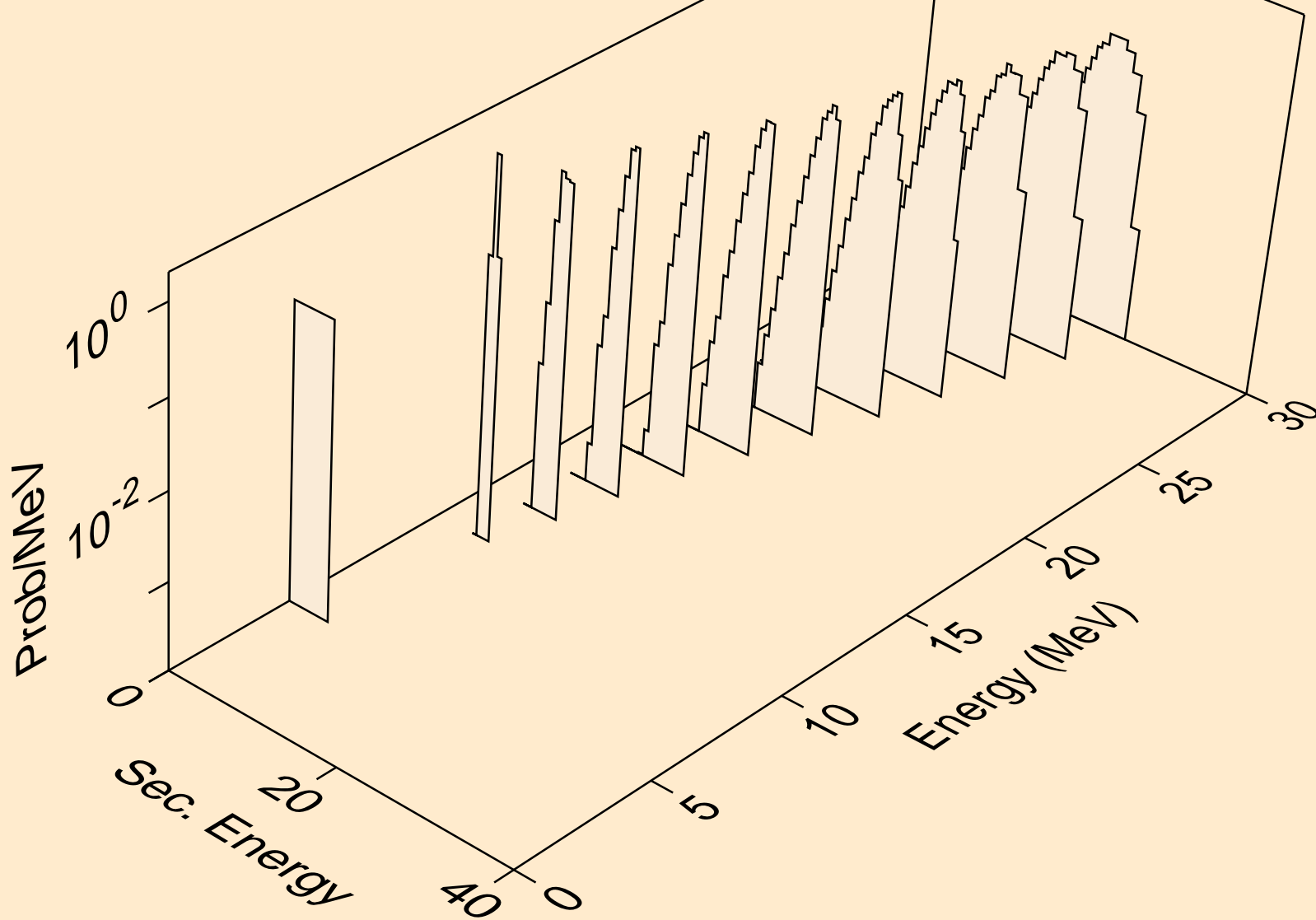
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



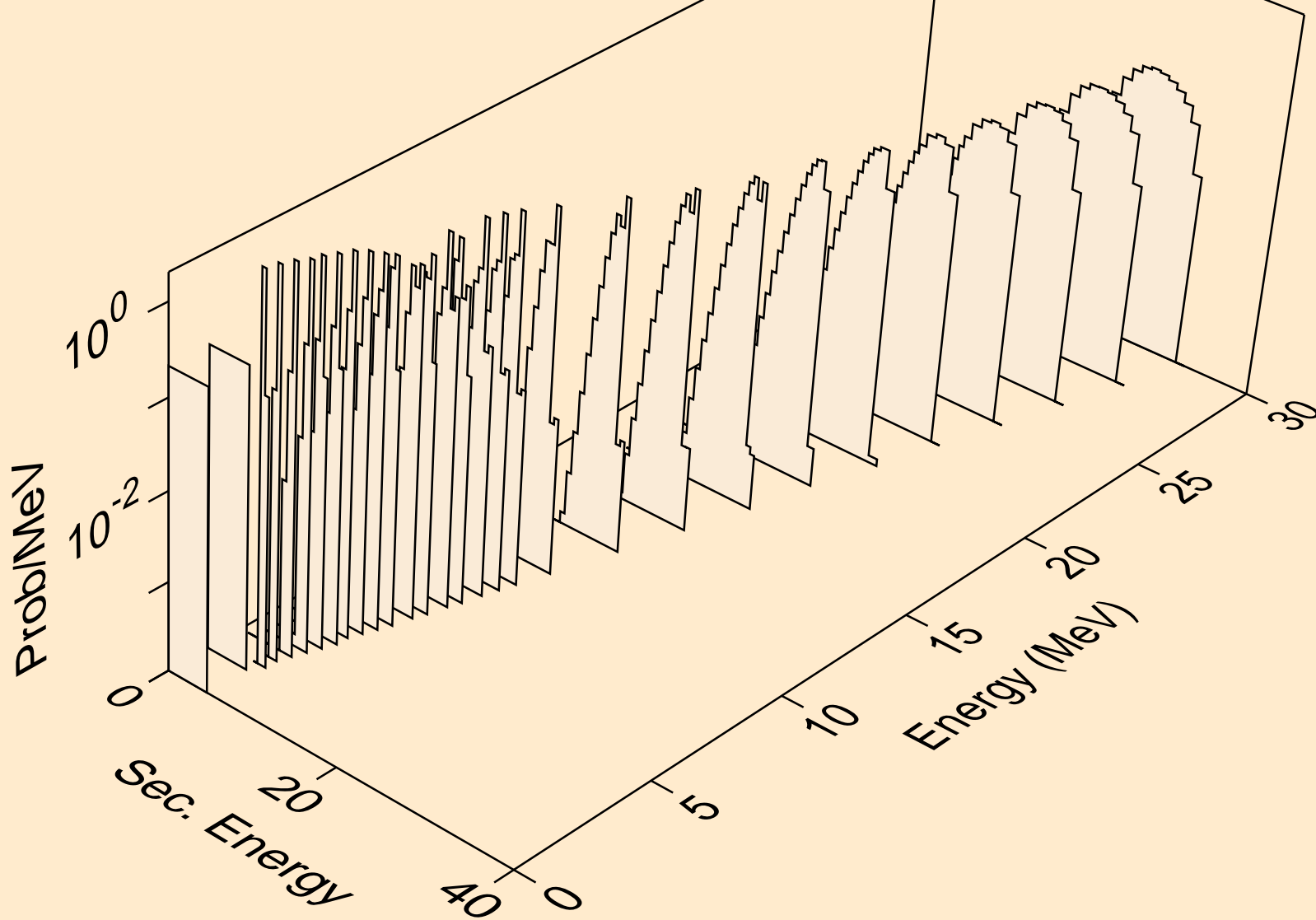
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



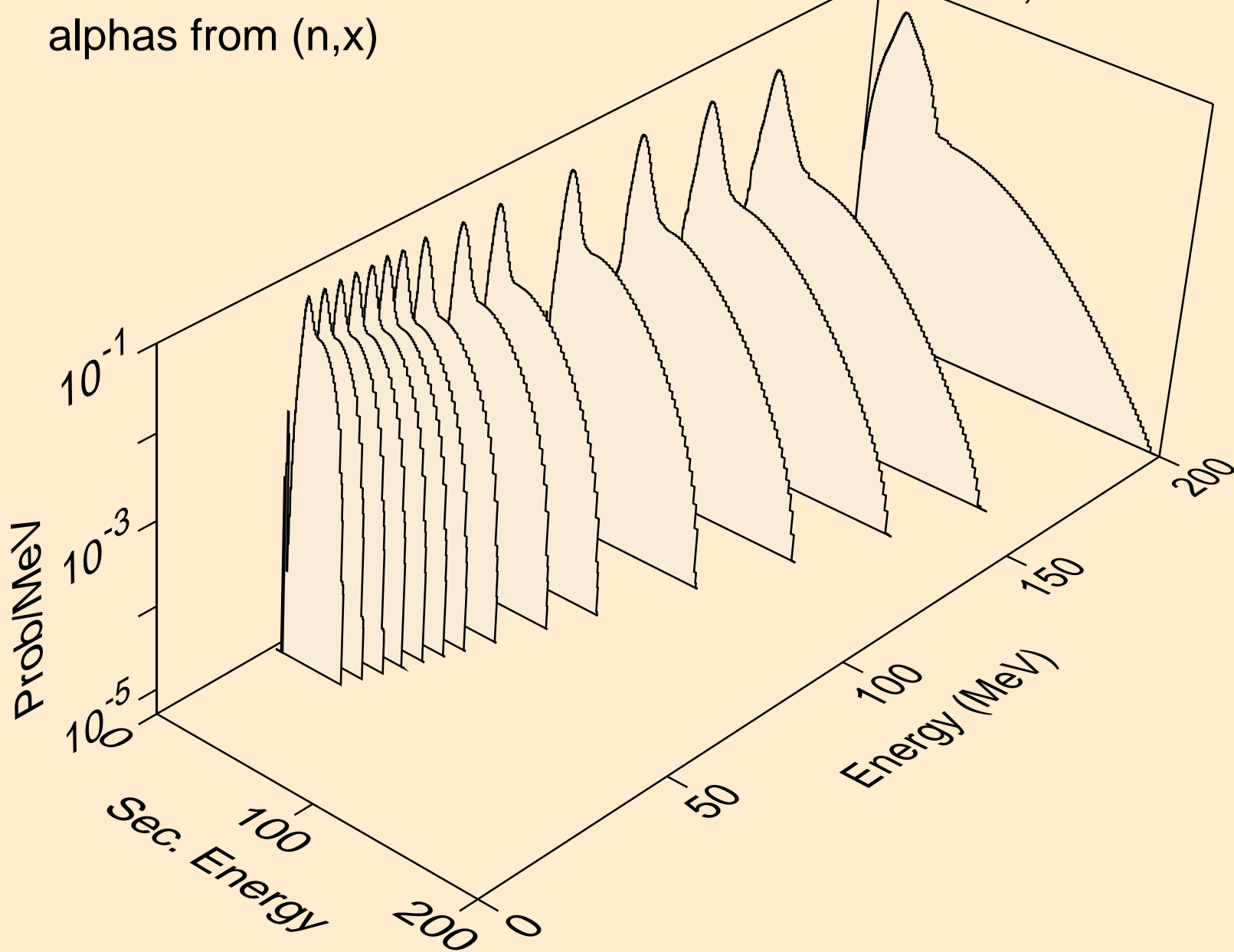
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



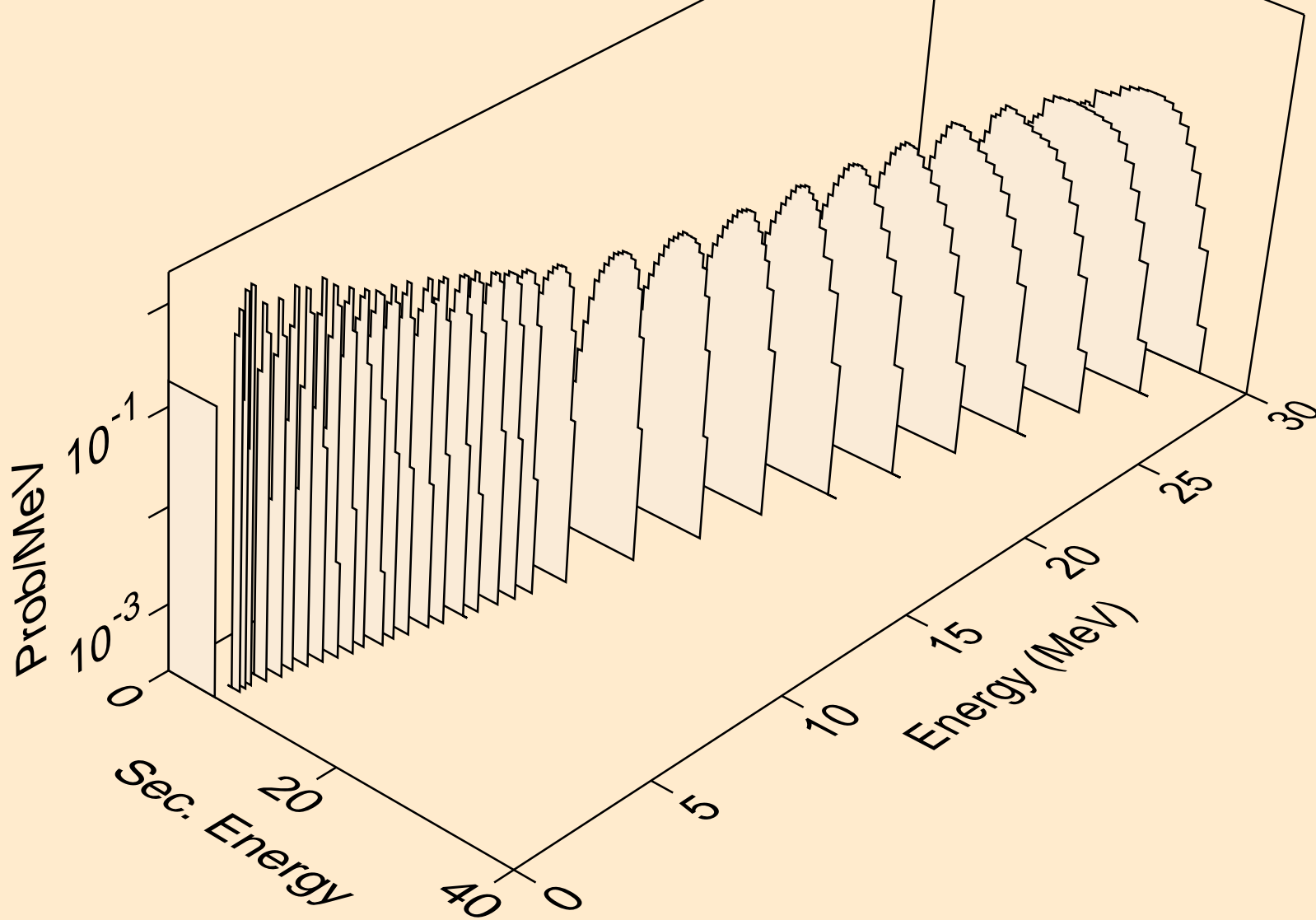
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



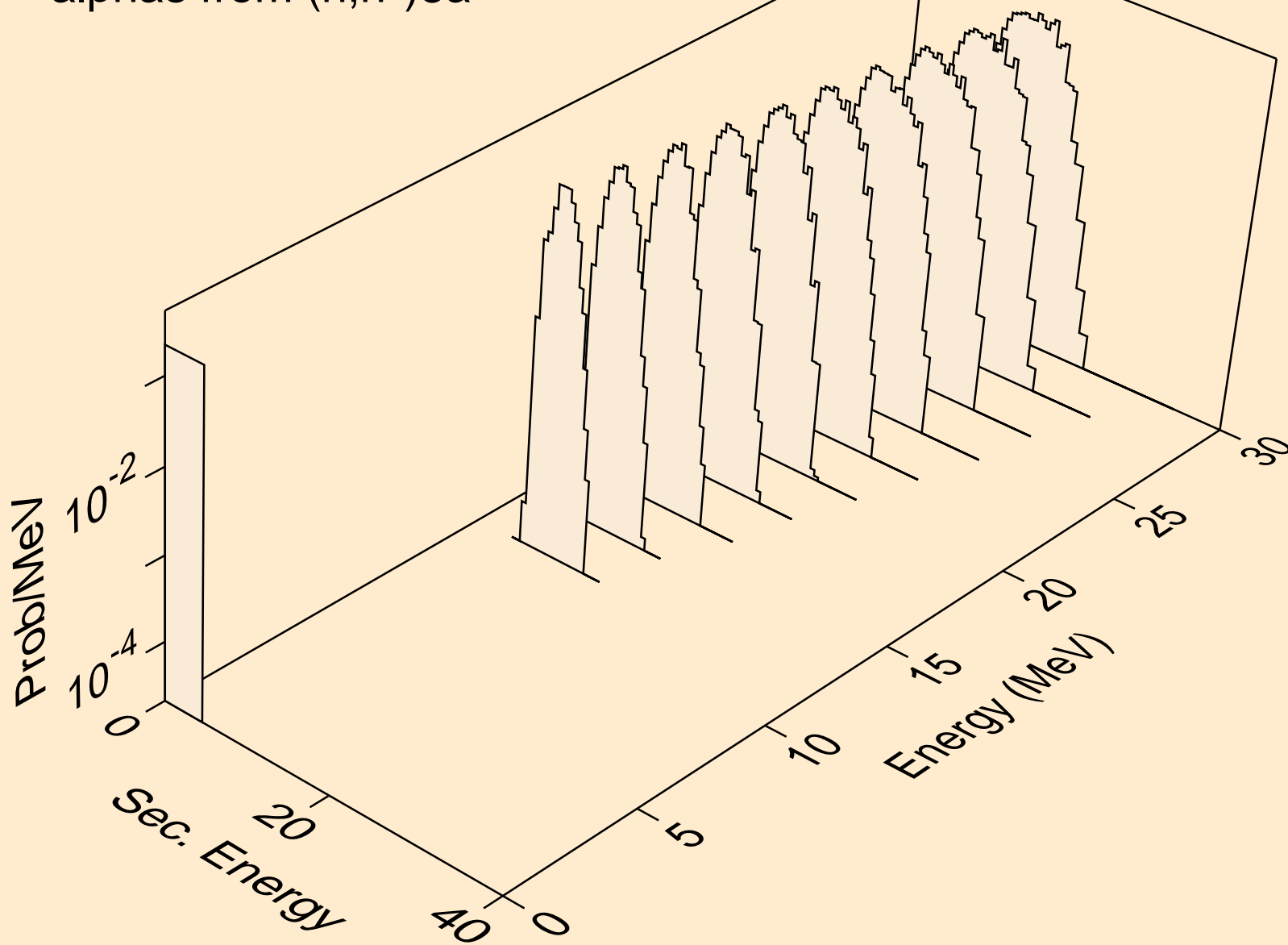
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



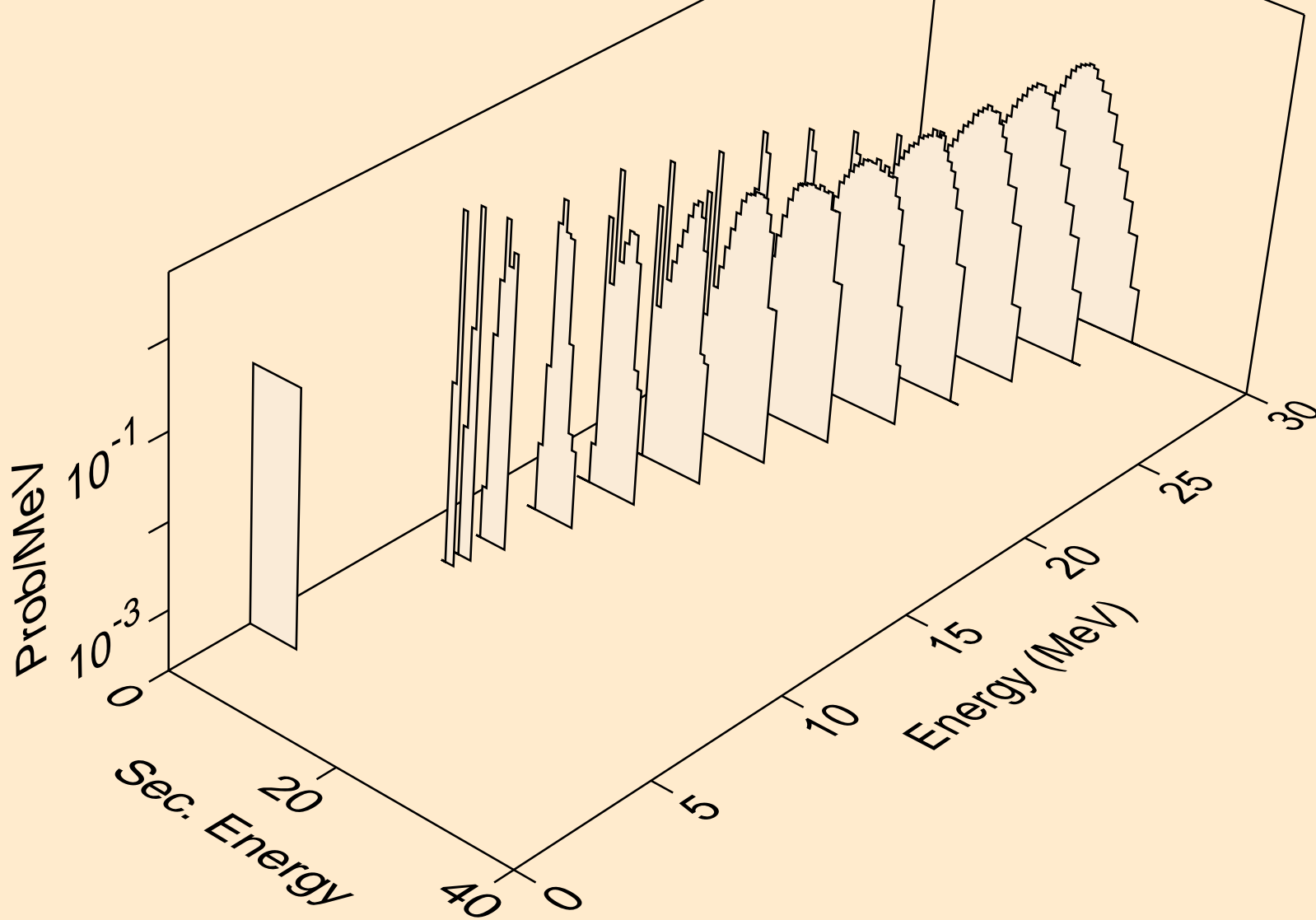
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



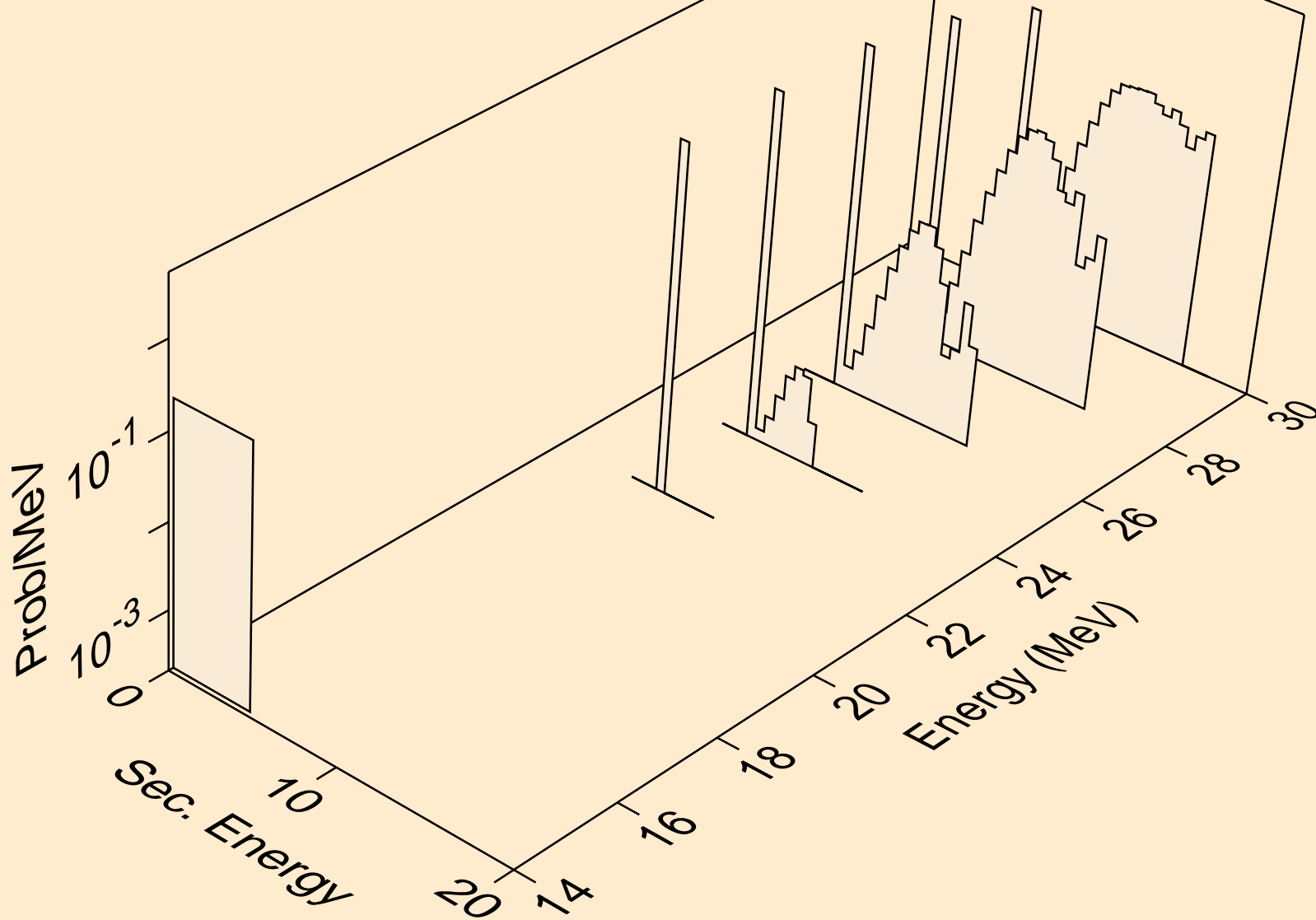
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)3a



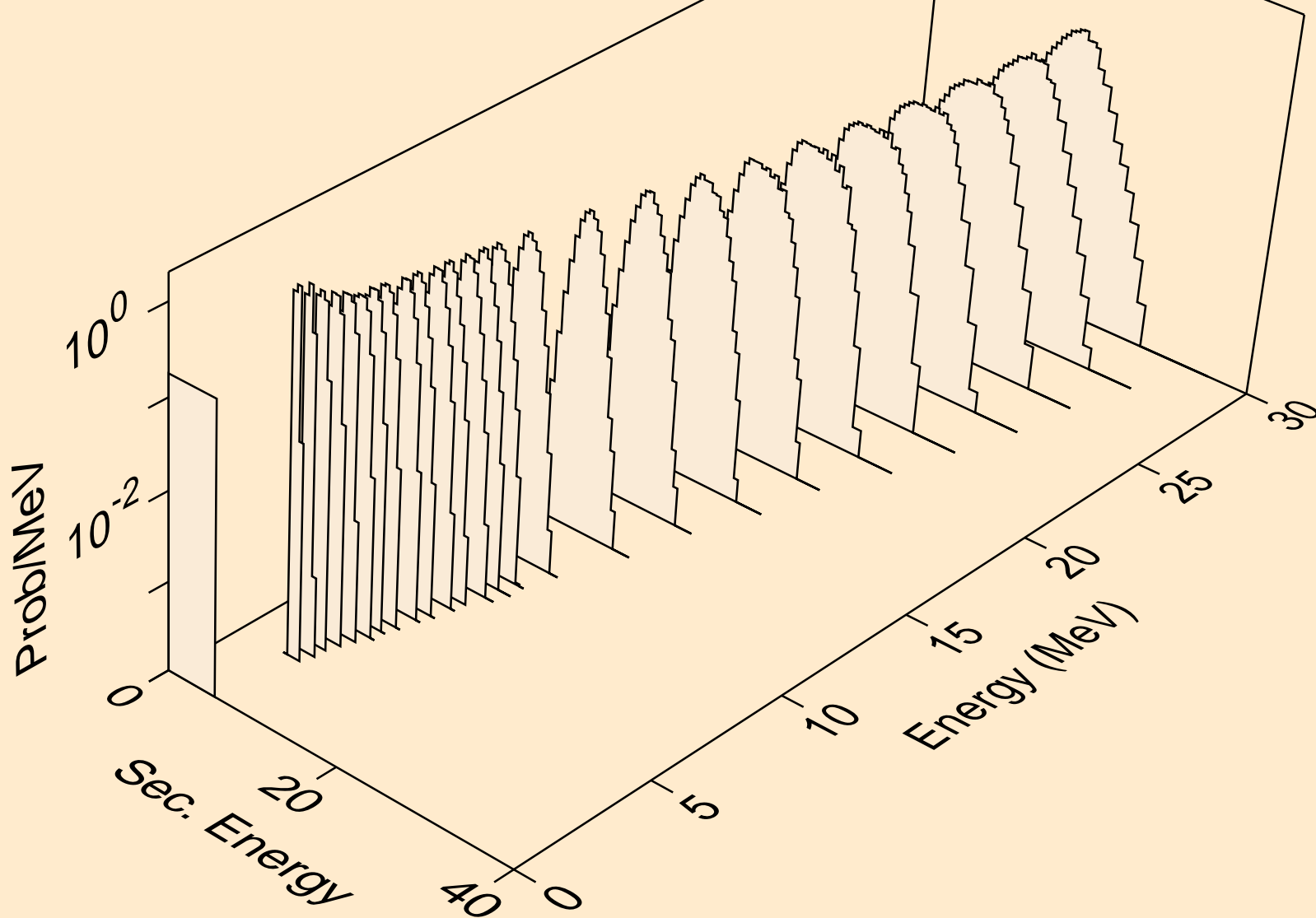
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



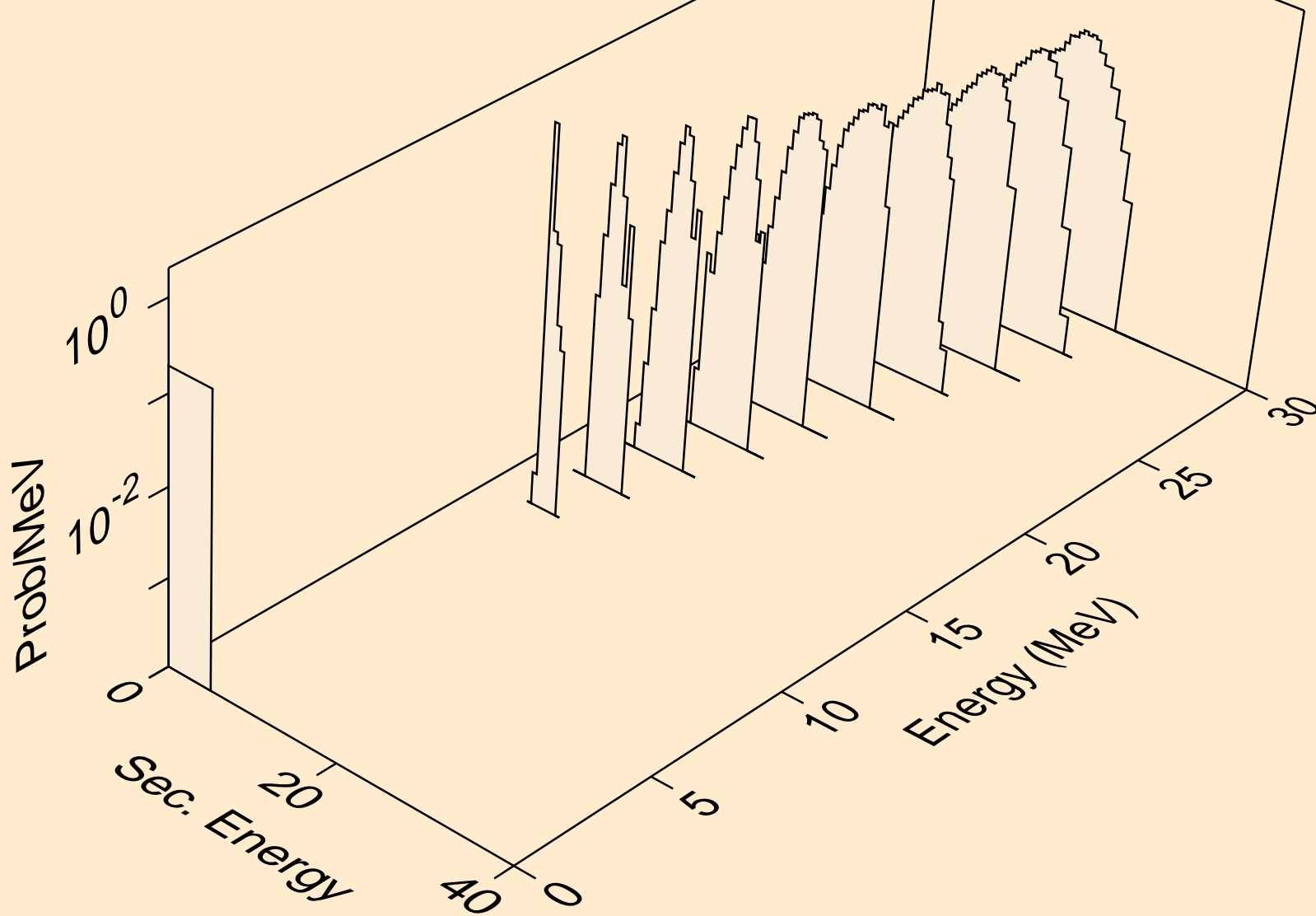
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



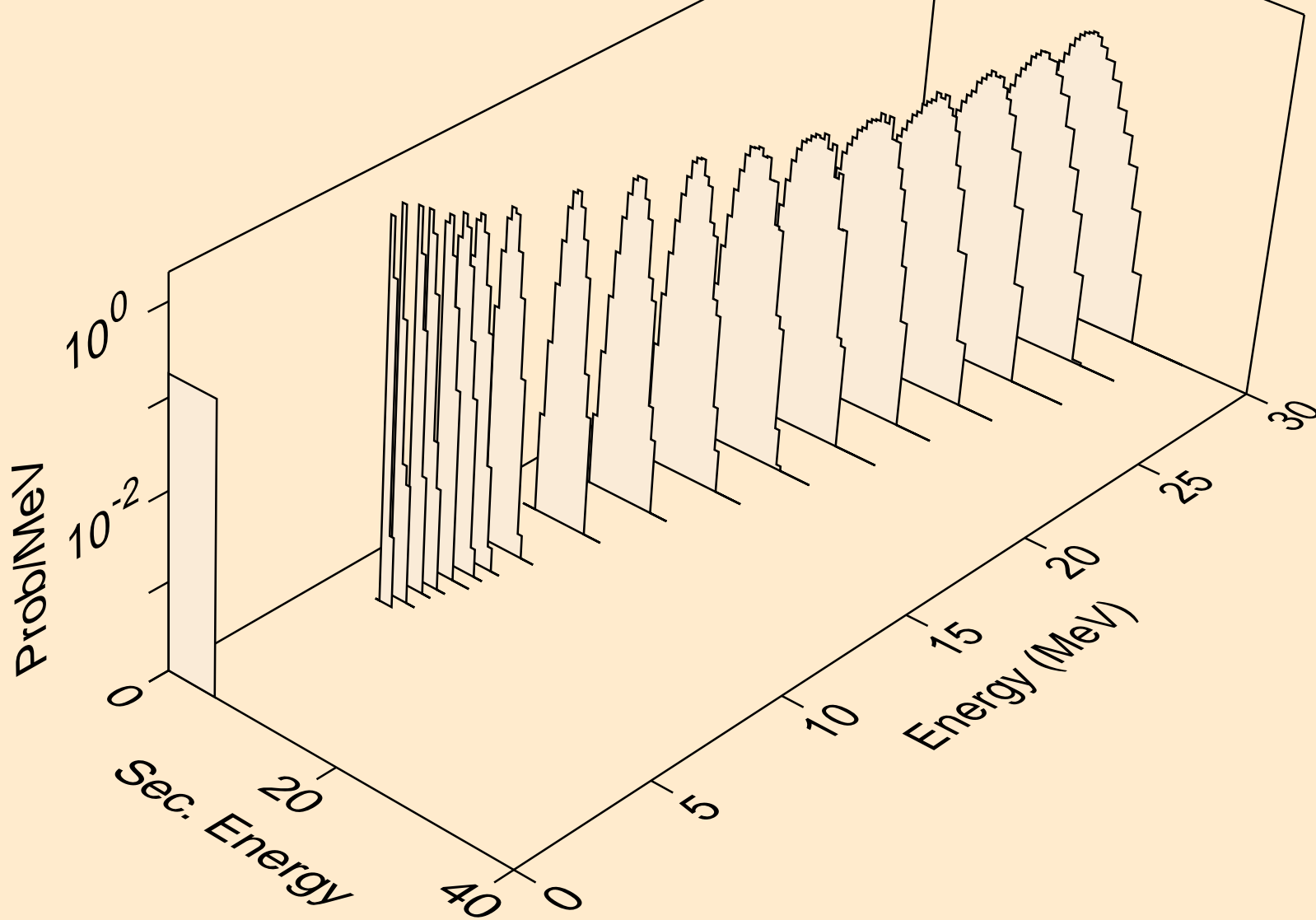
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



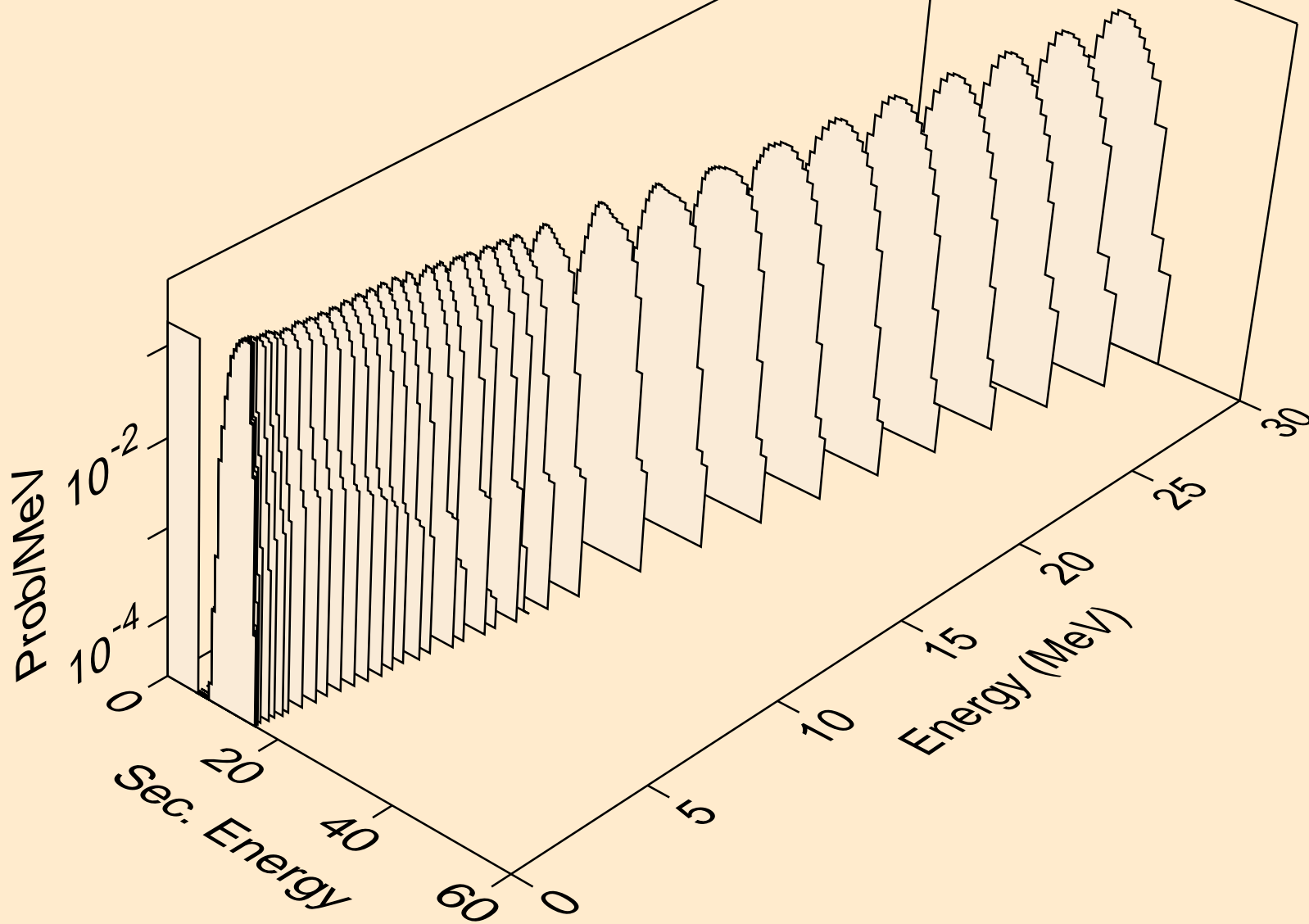
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



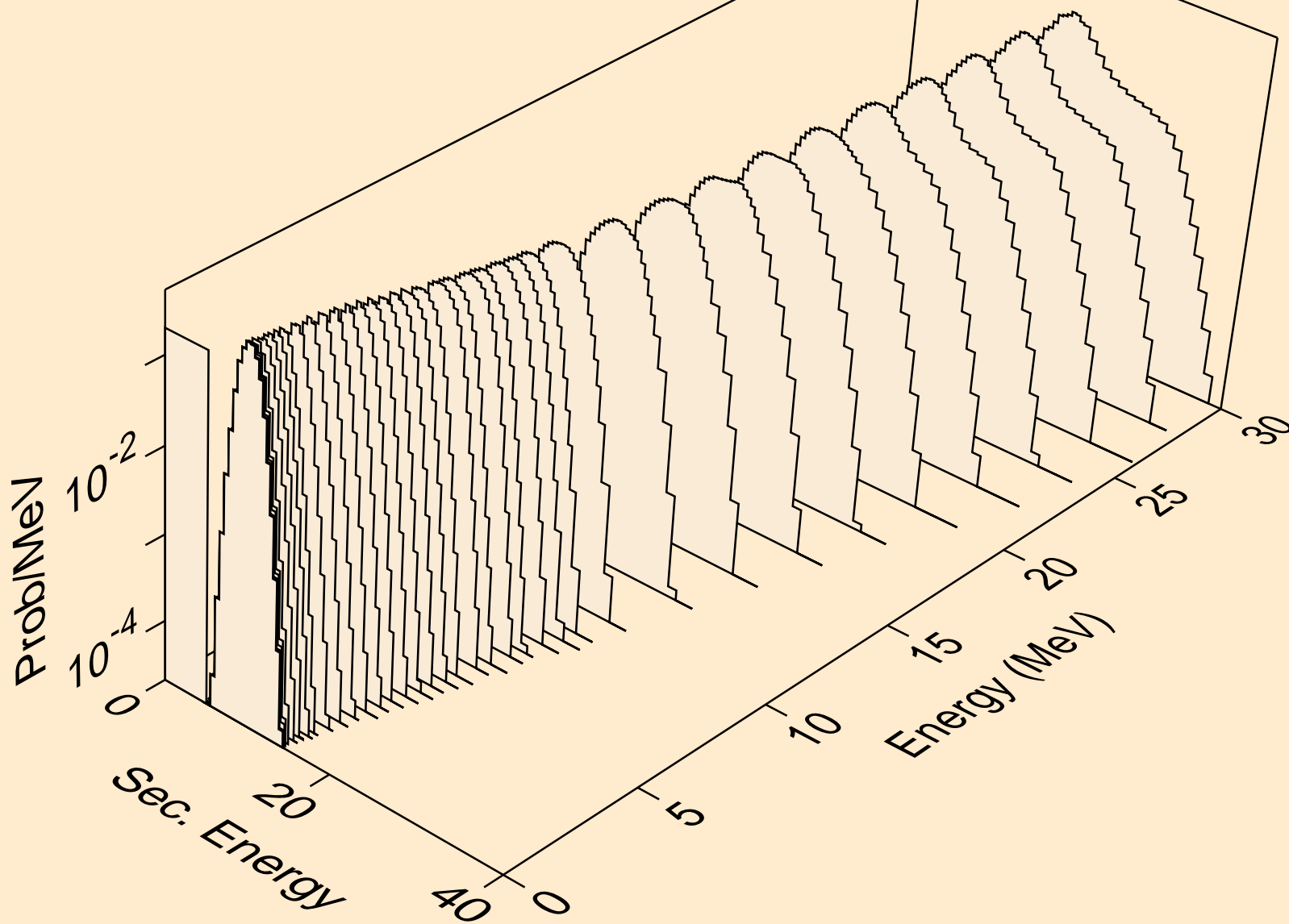
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



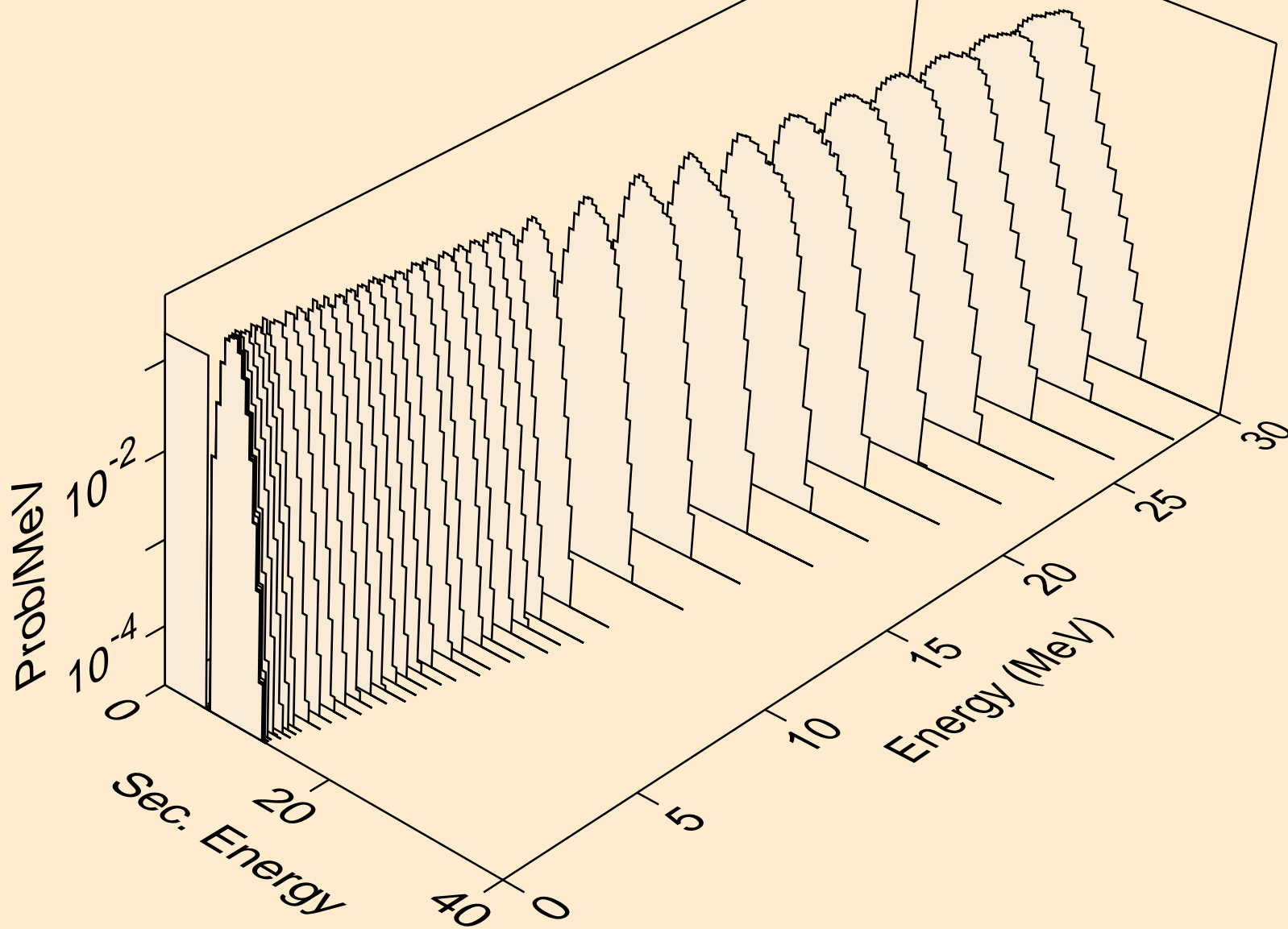
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



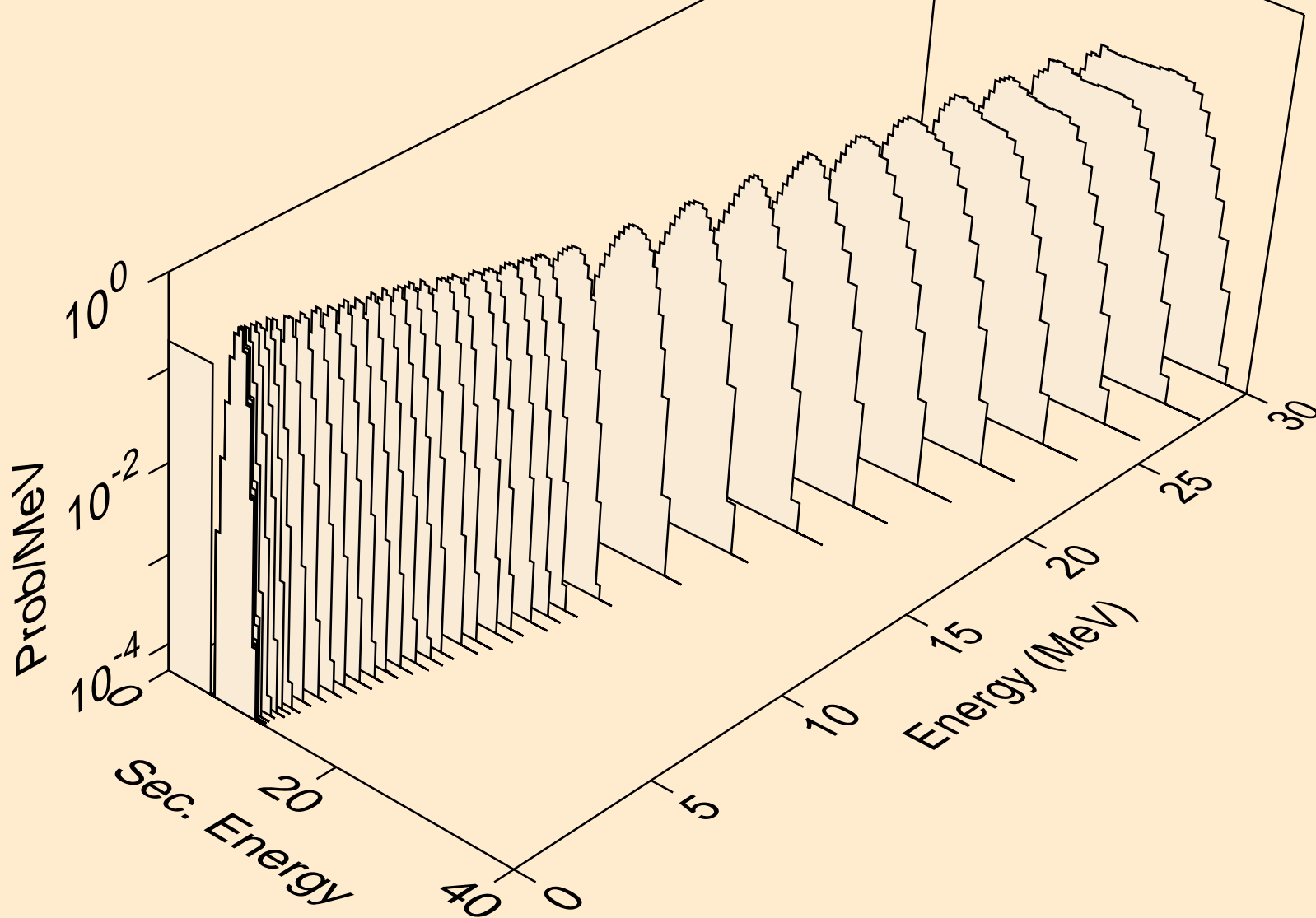
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



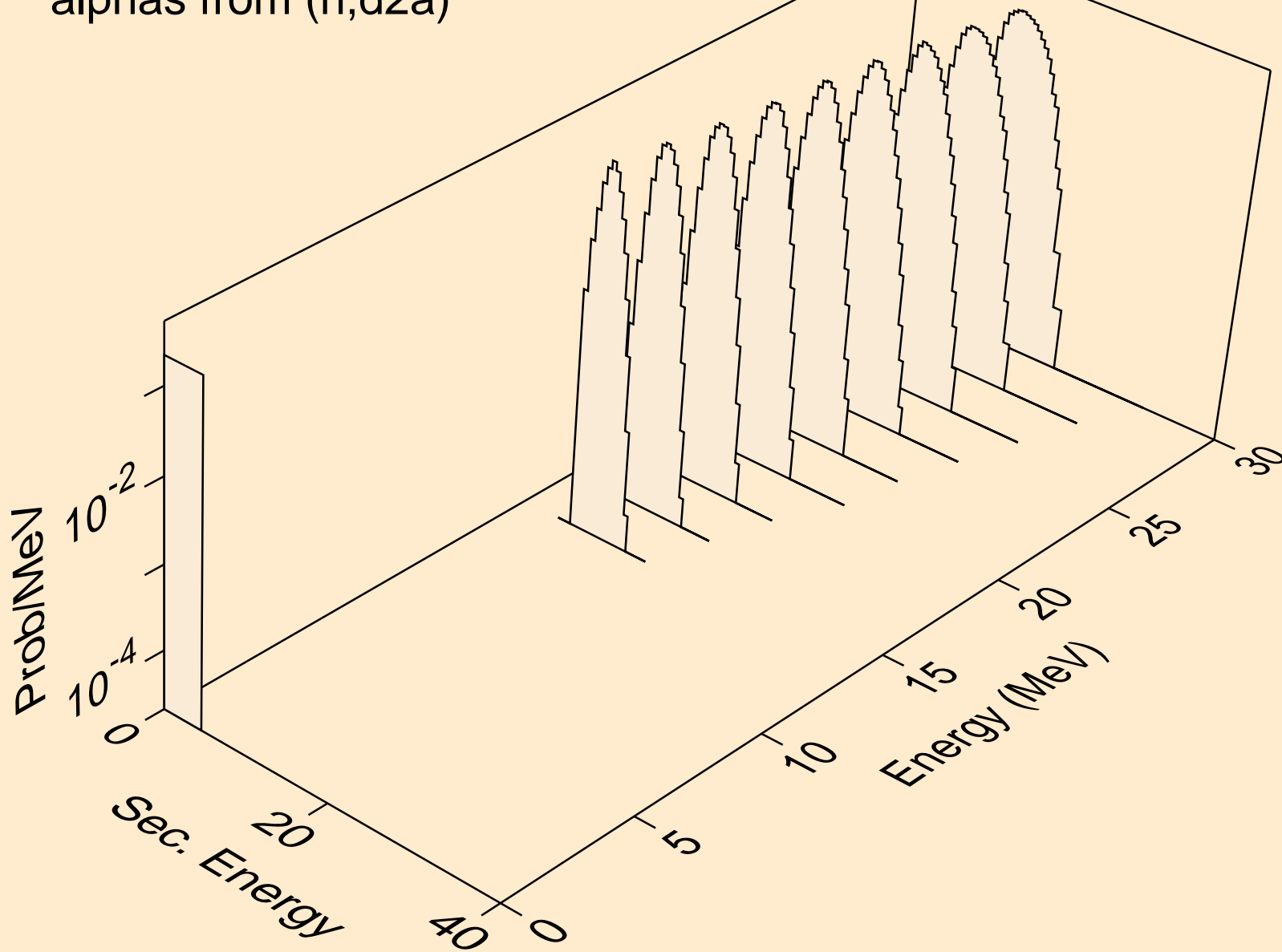
OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,p)



OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,d2a)



OS171 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

