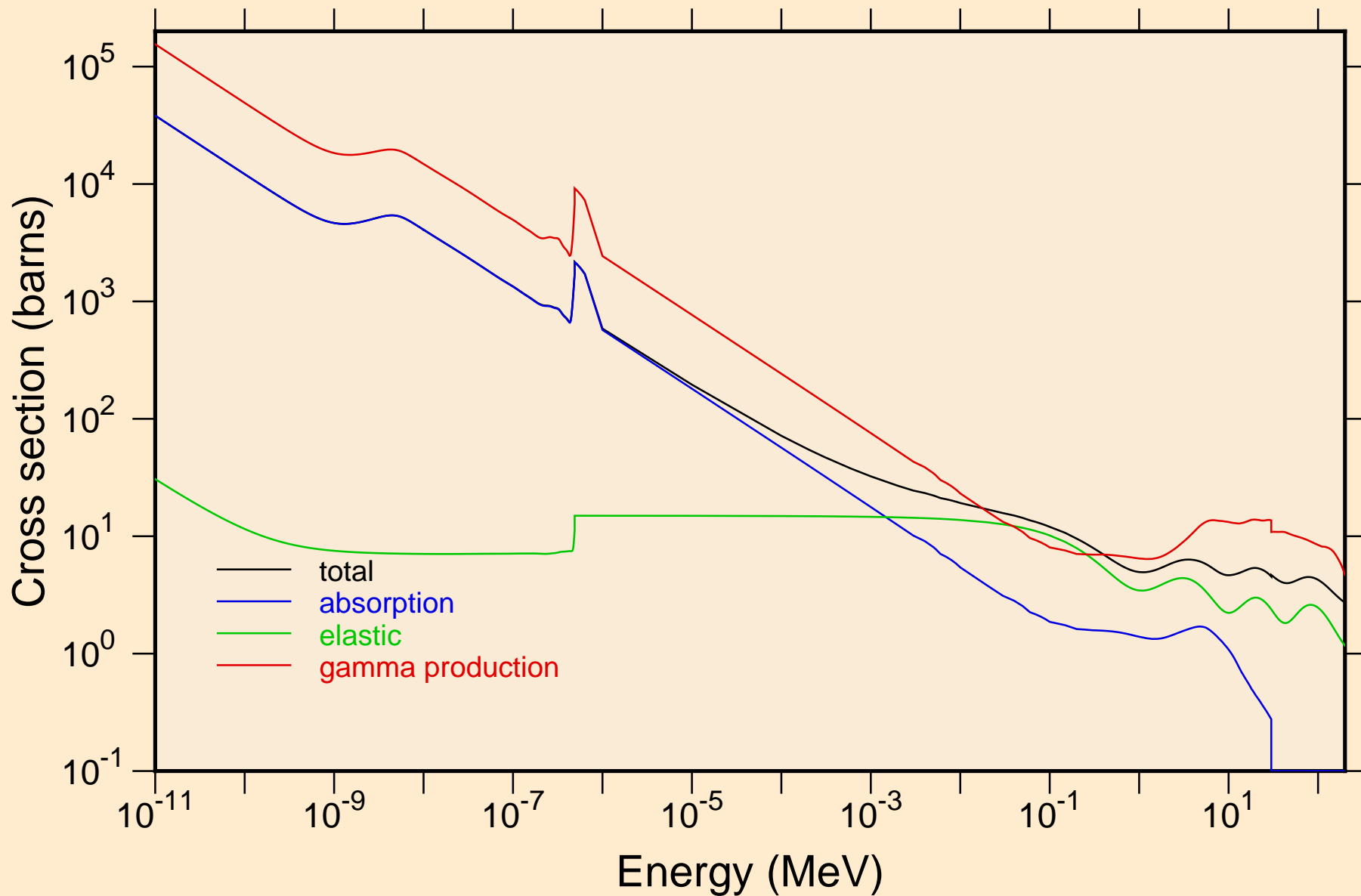
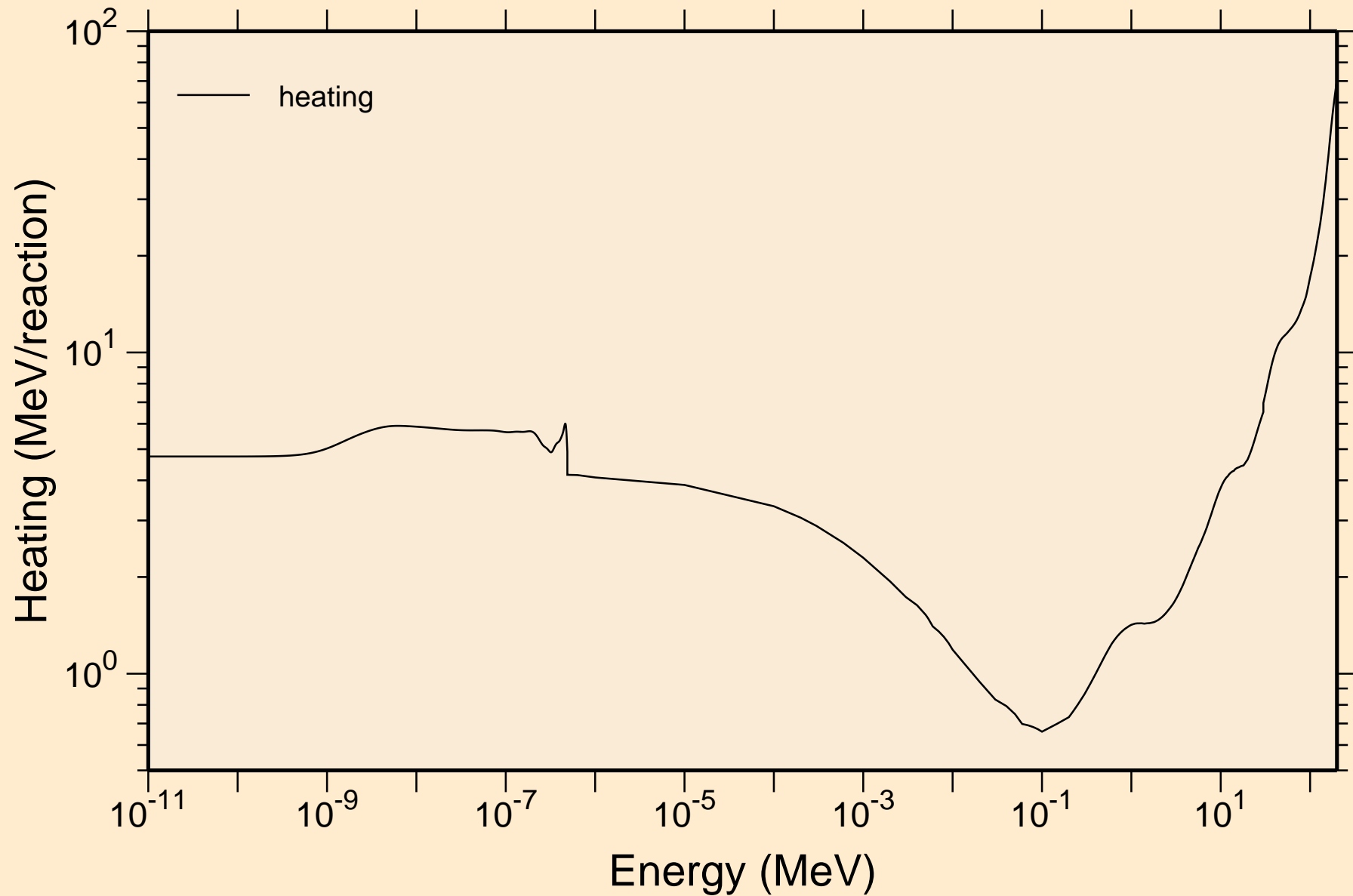


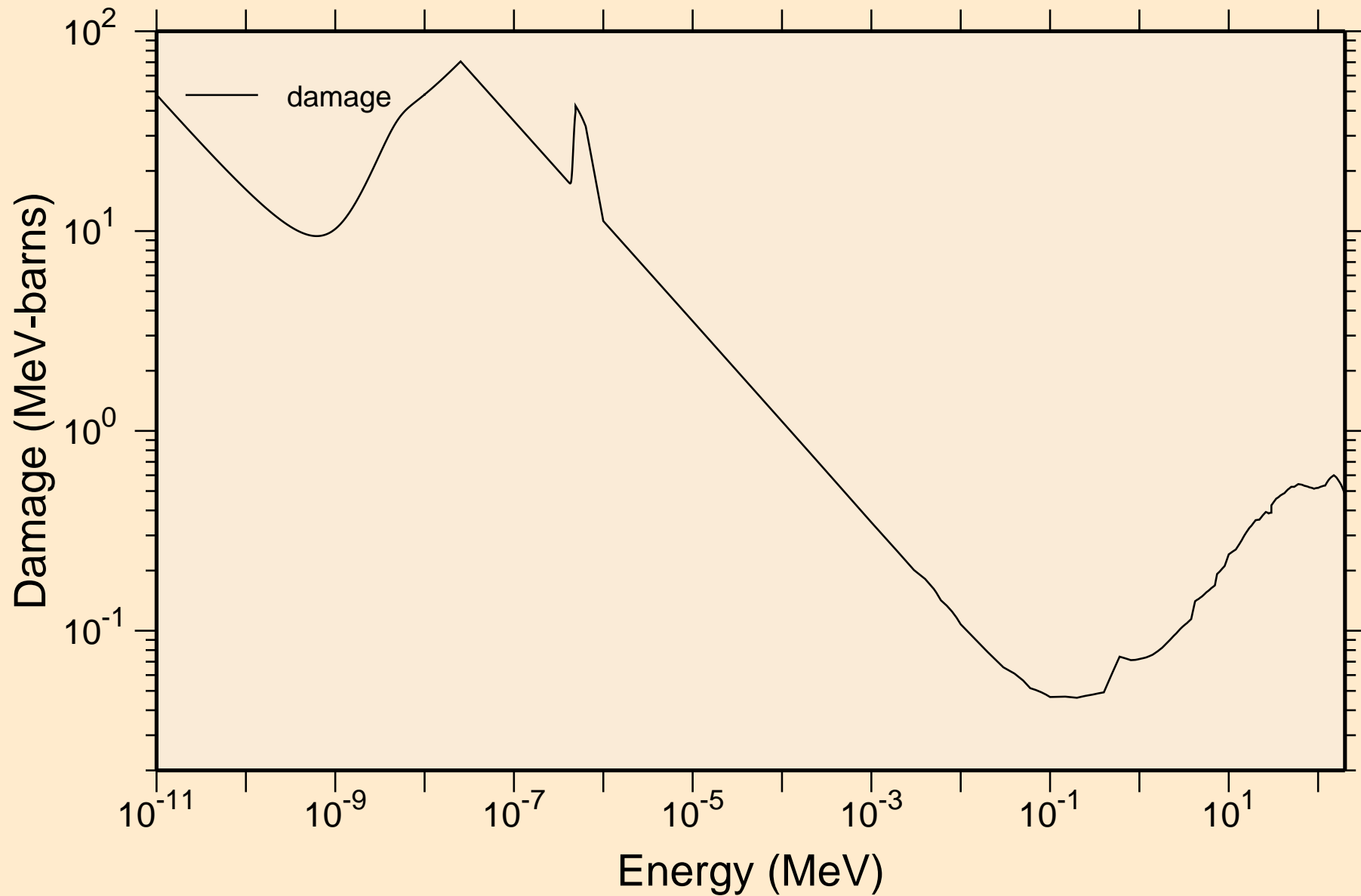
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



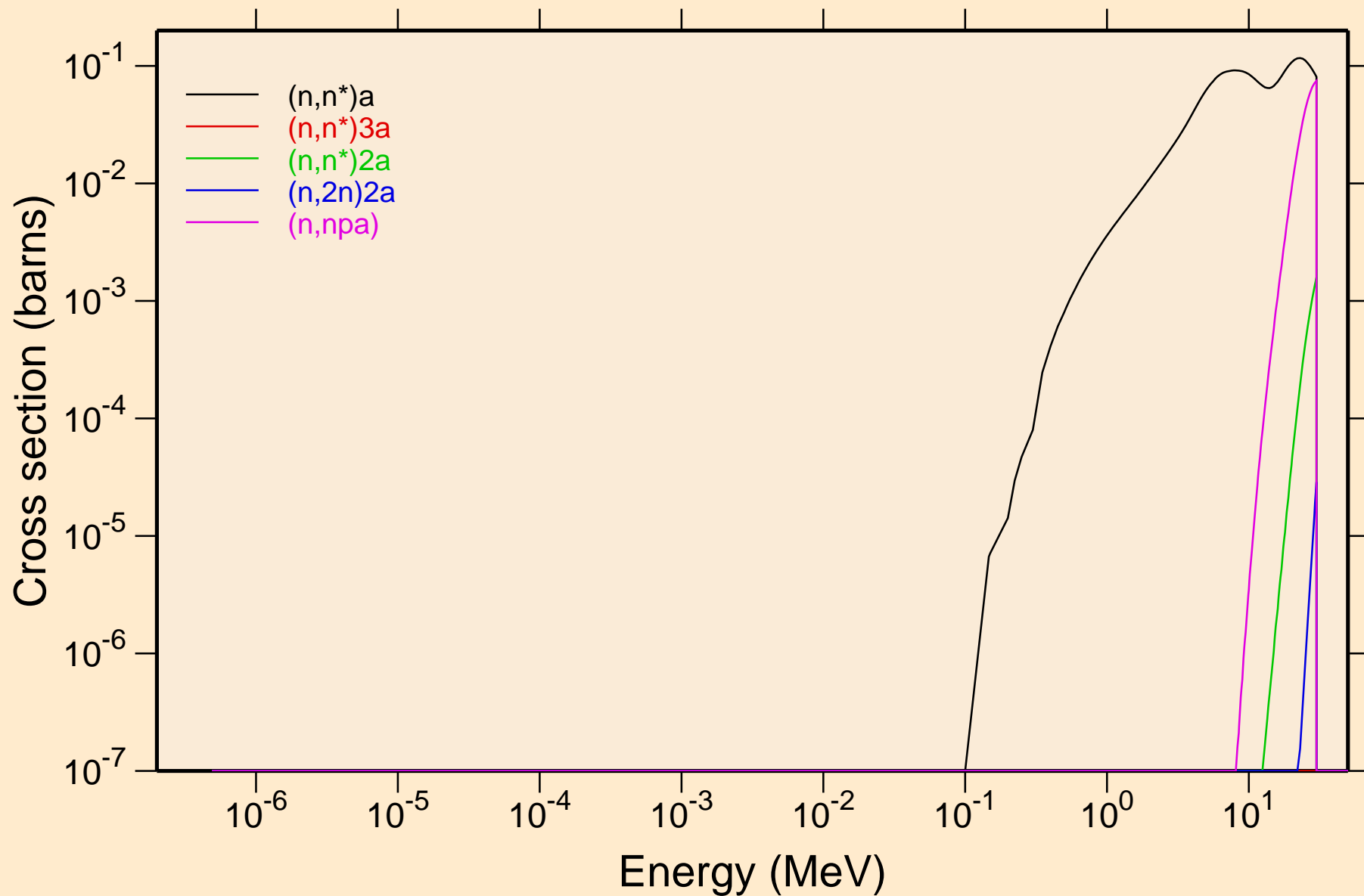
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



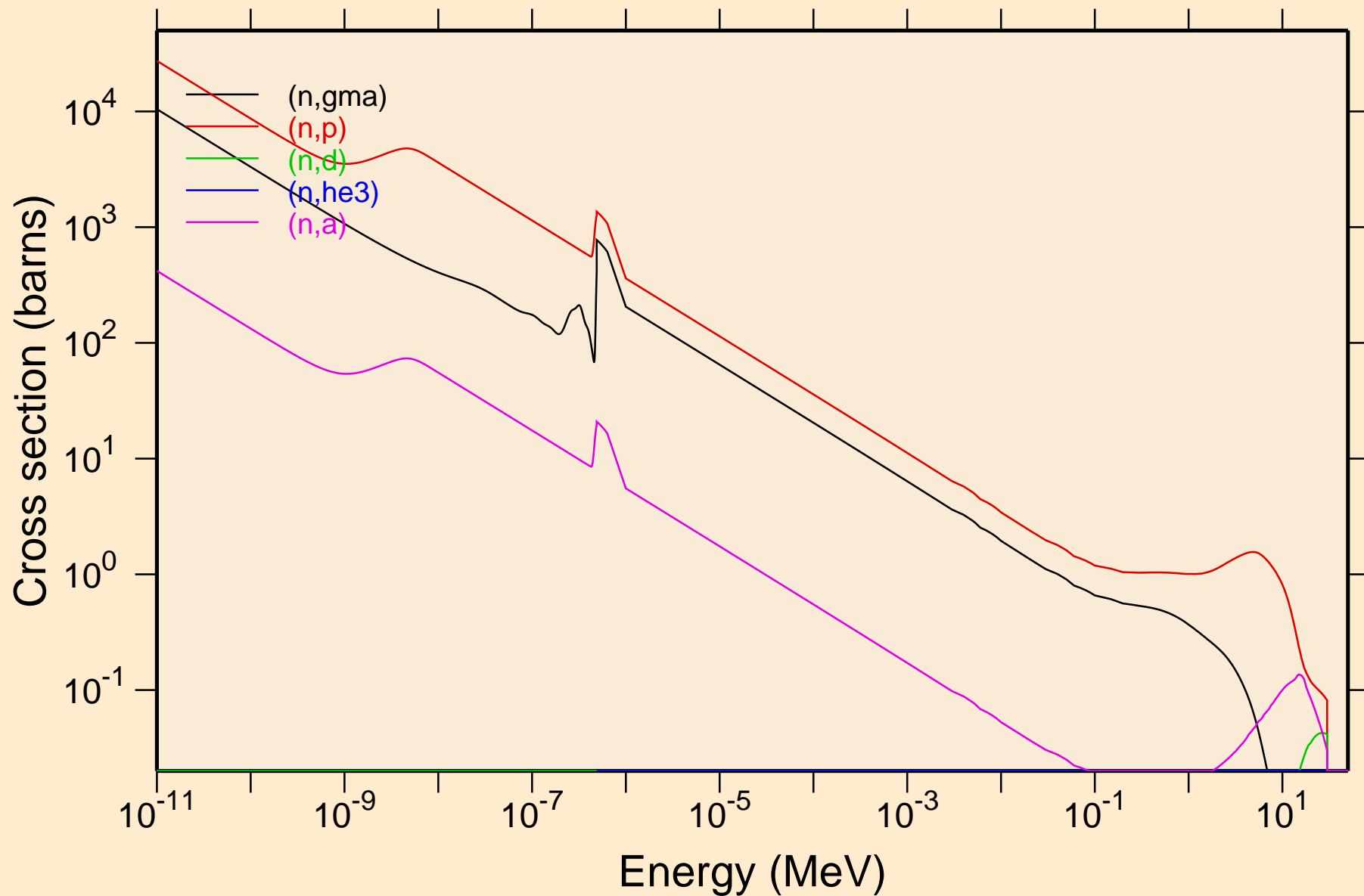
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



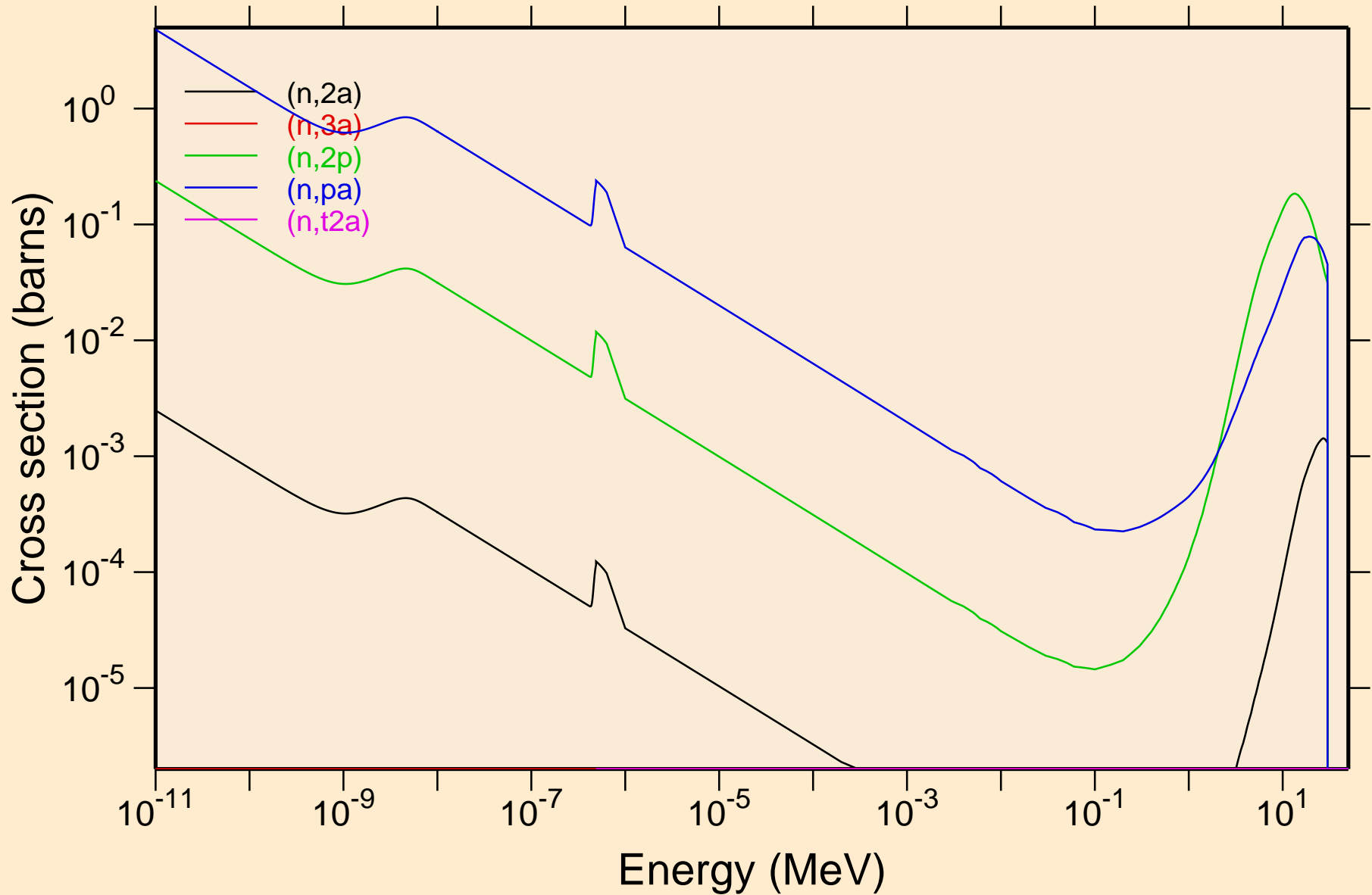
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



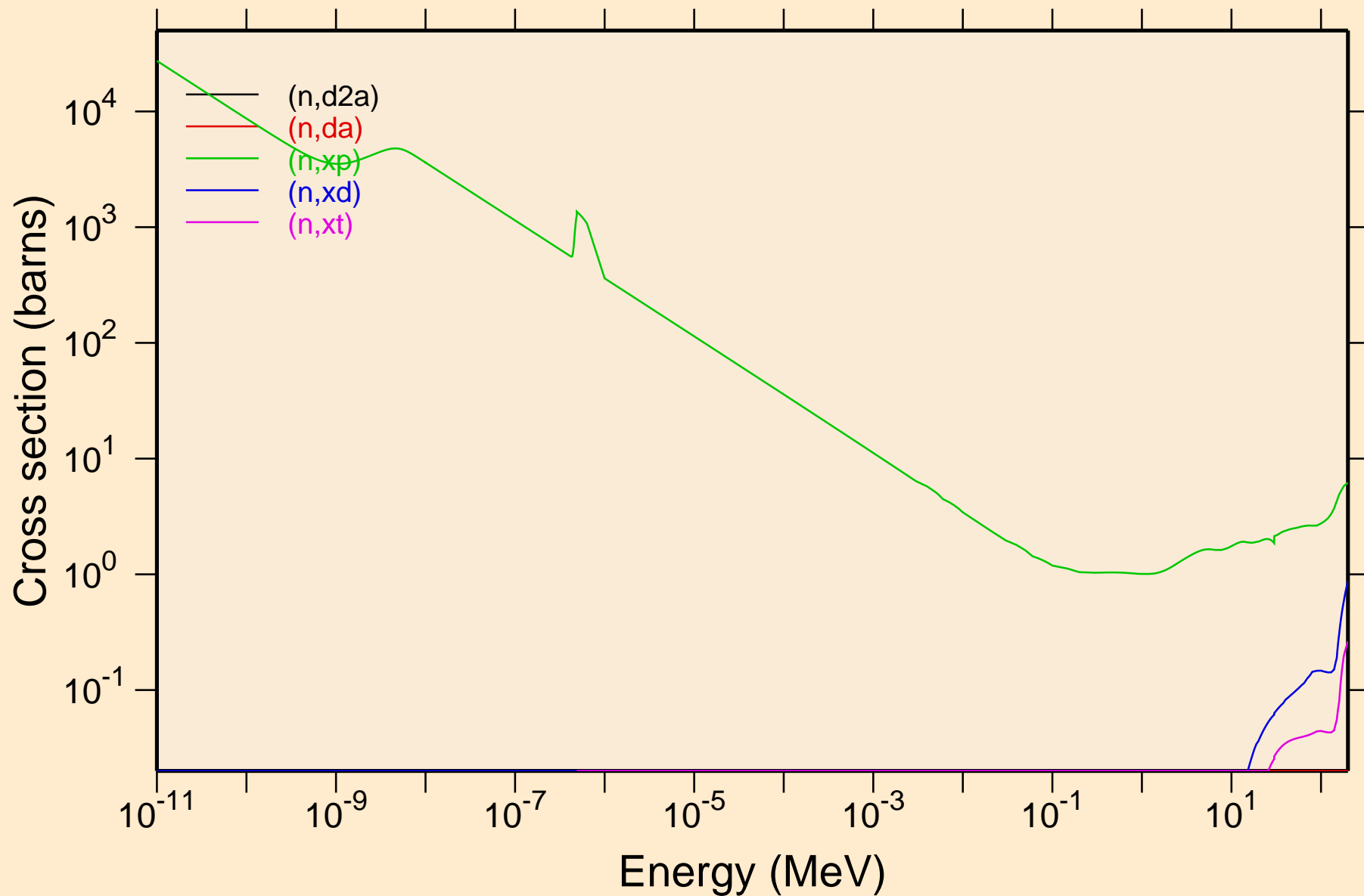
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



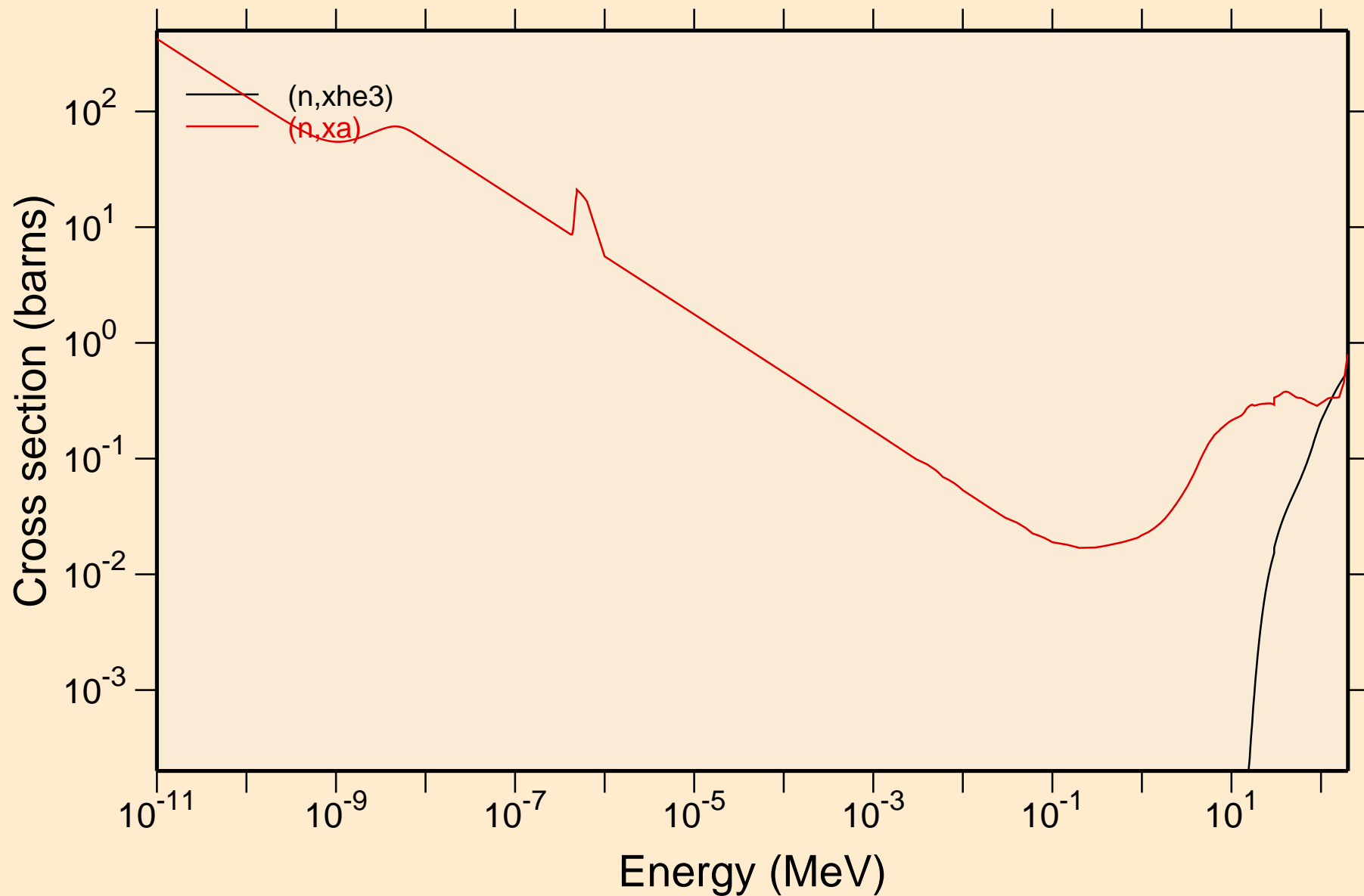
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



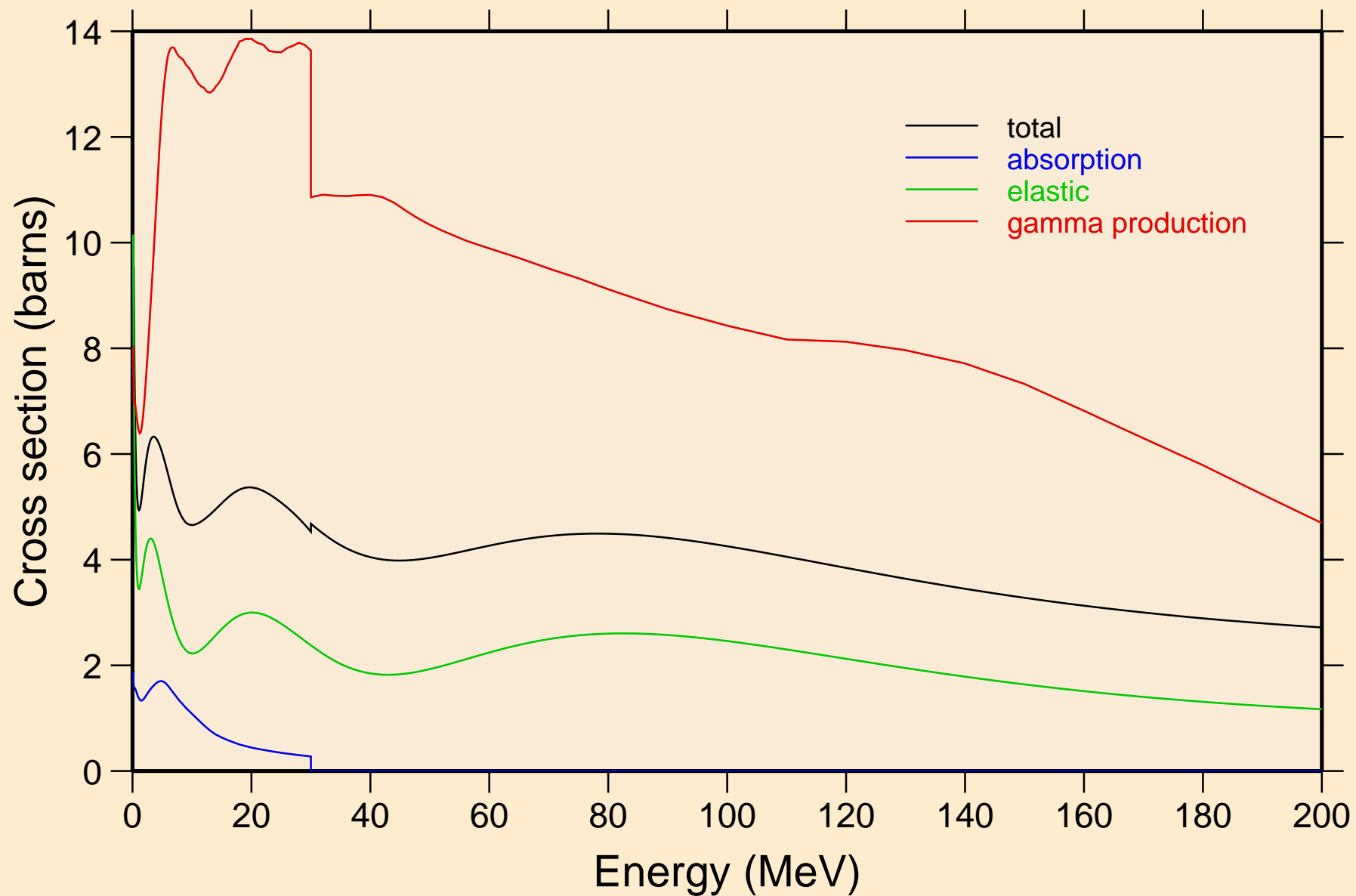
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



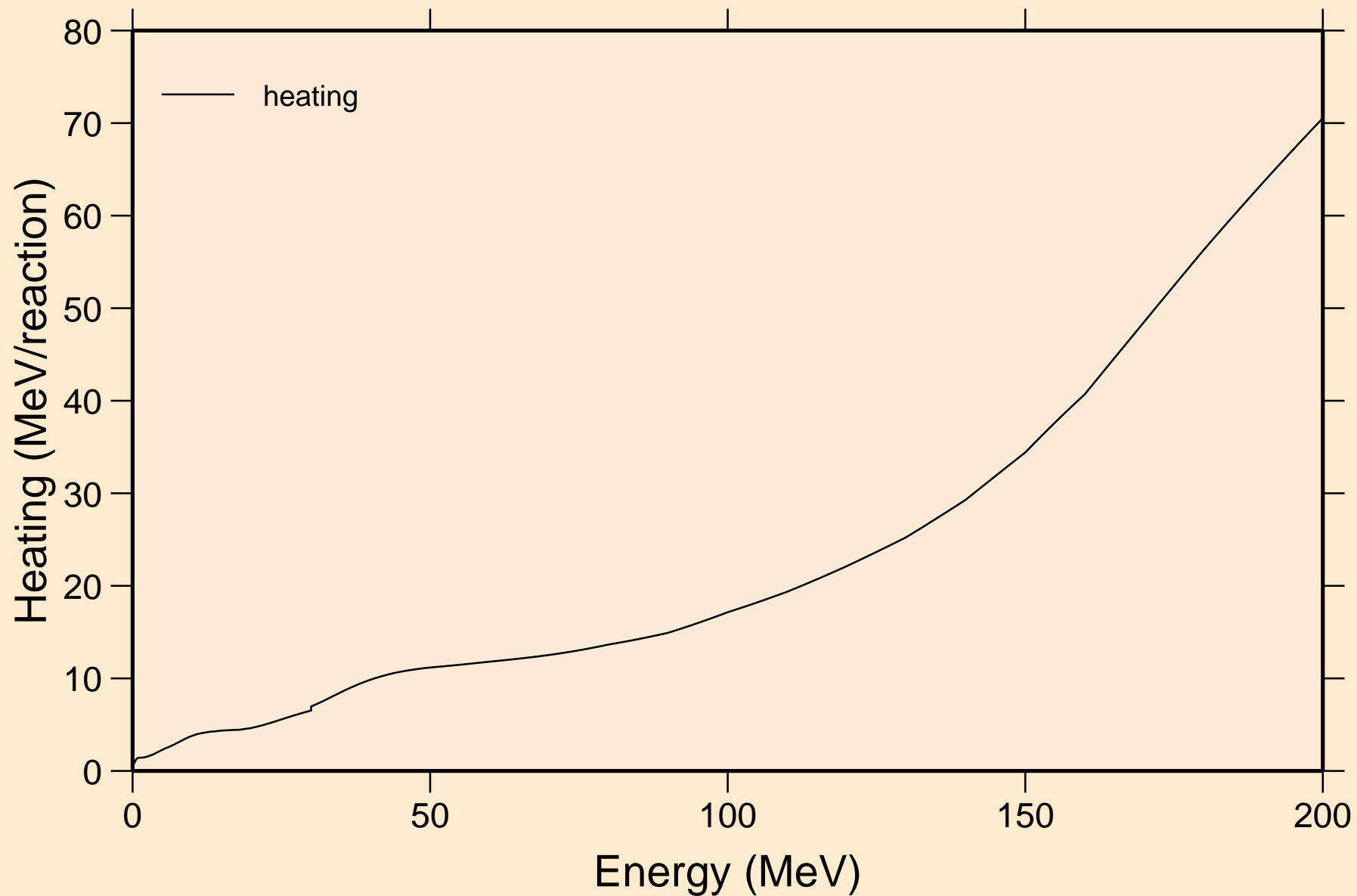
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



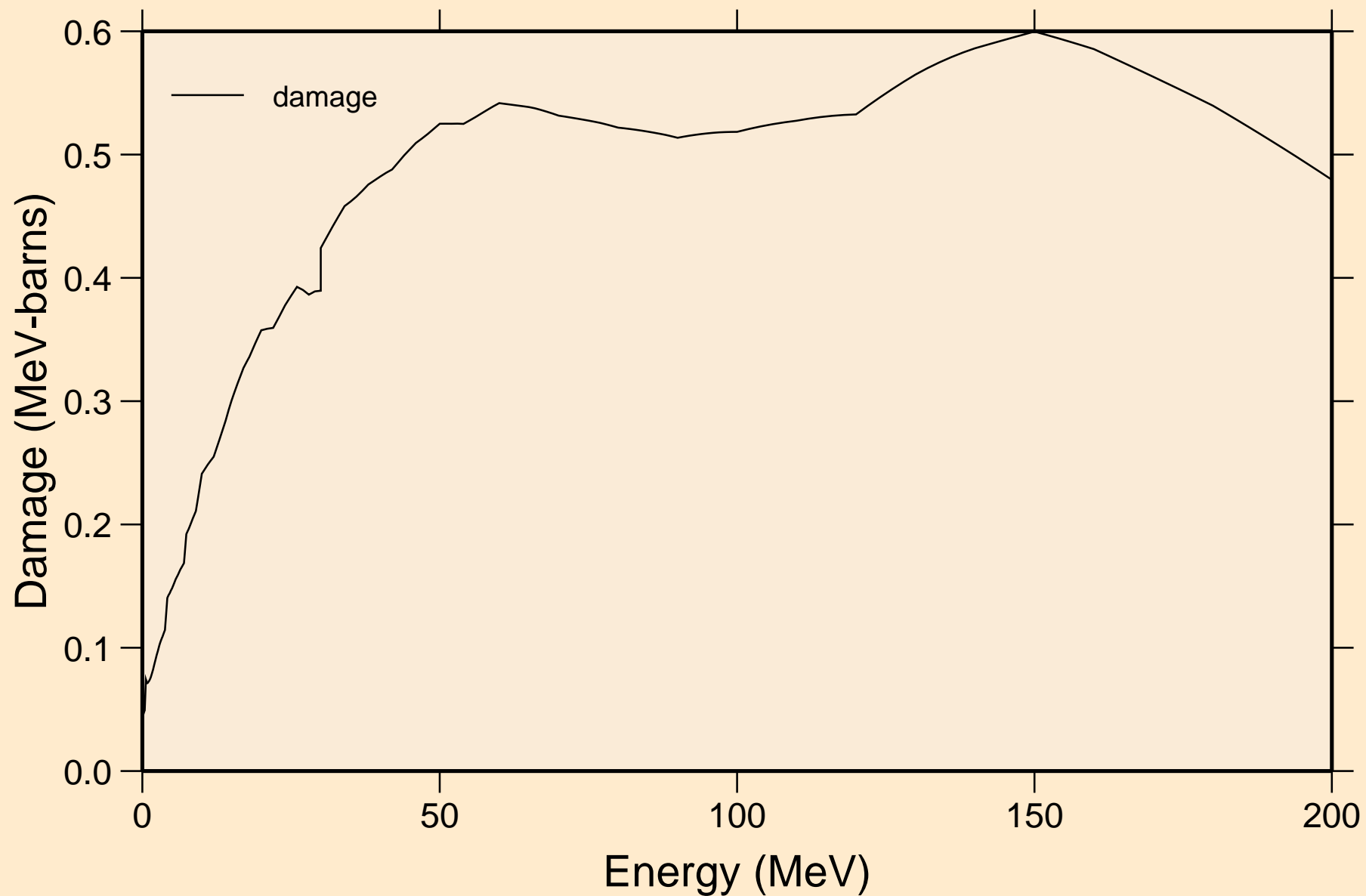
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



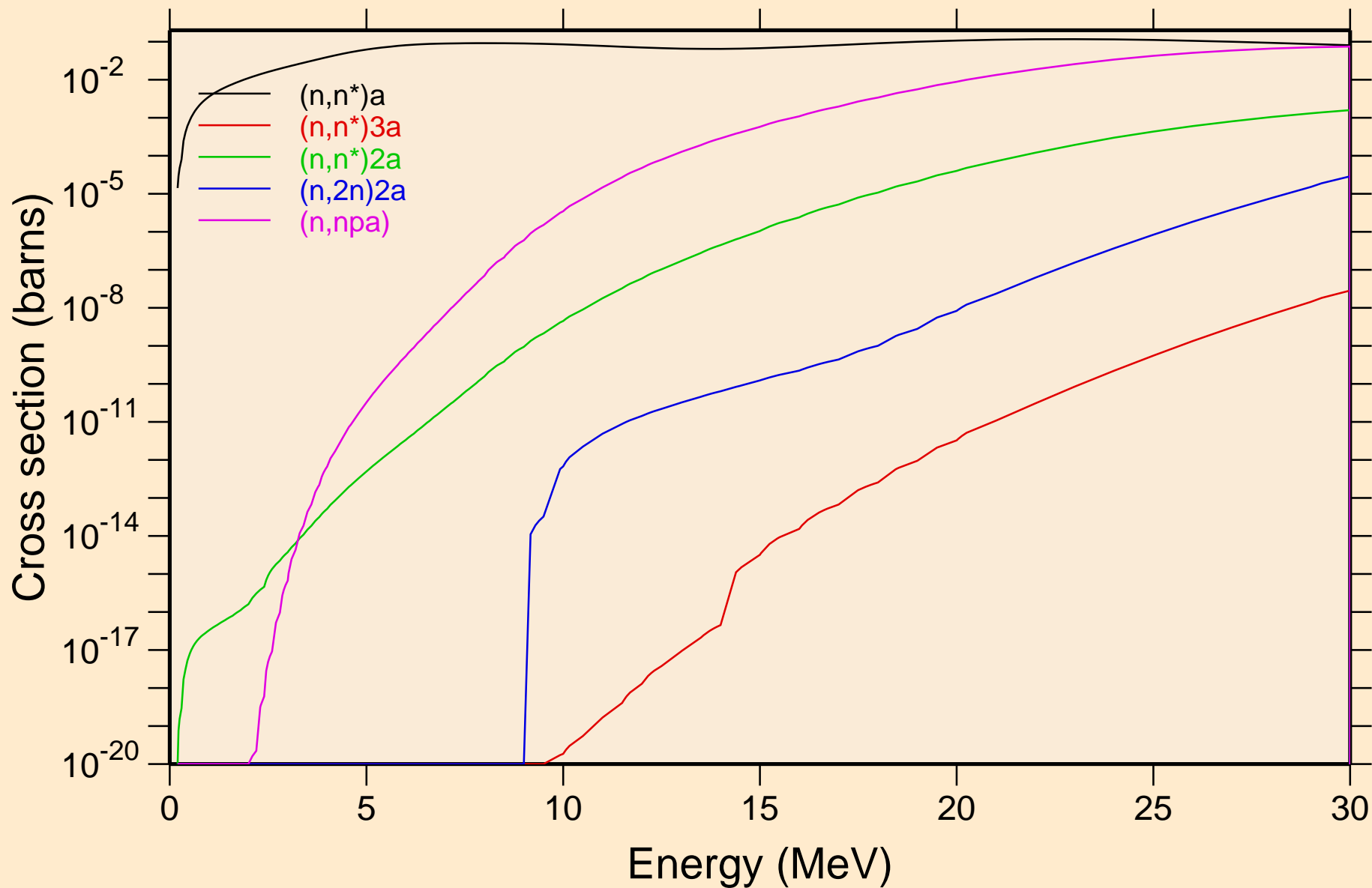
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



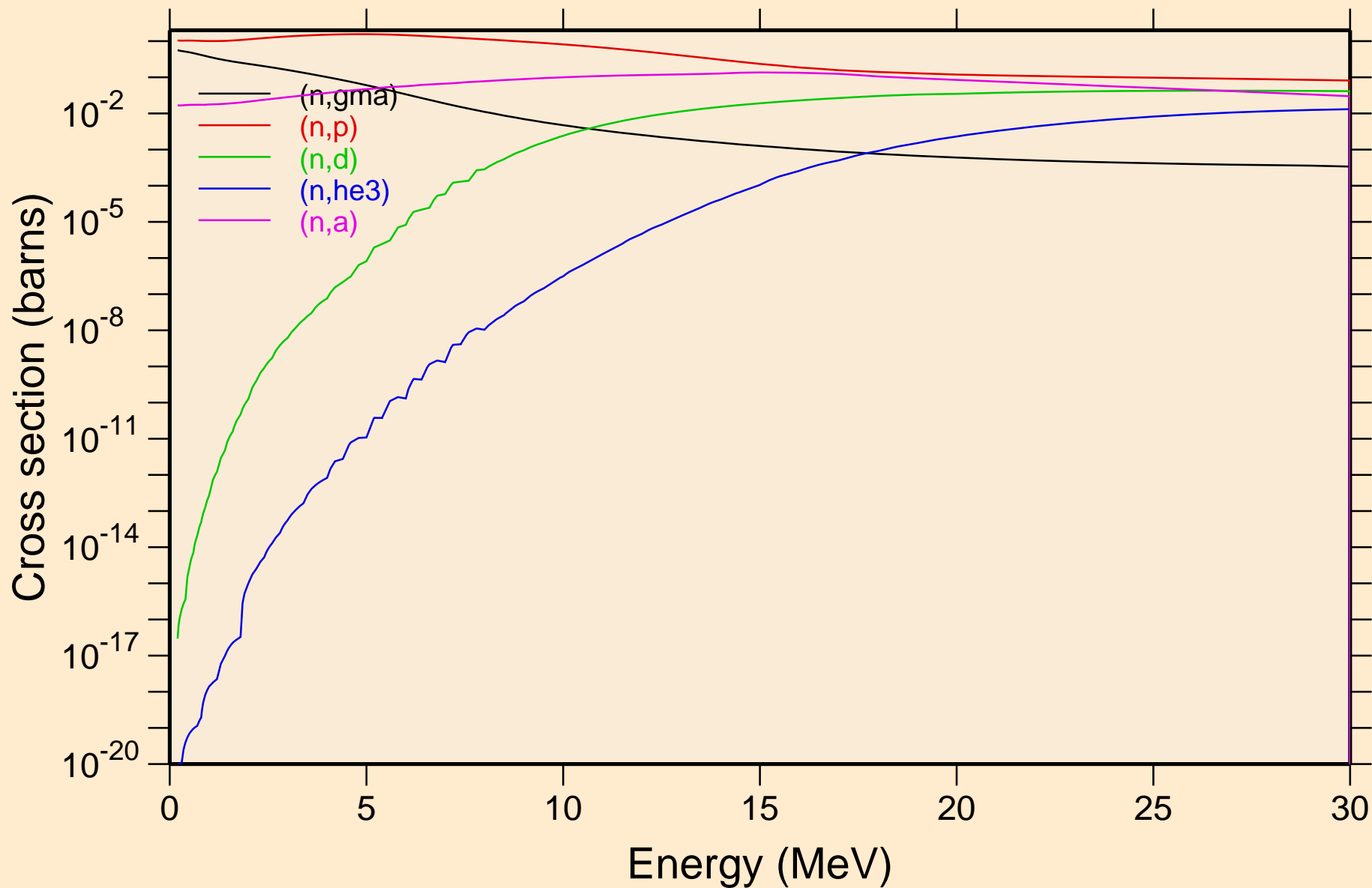
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



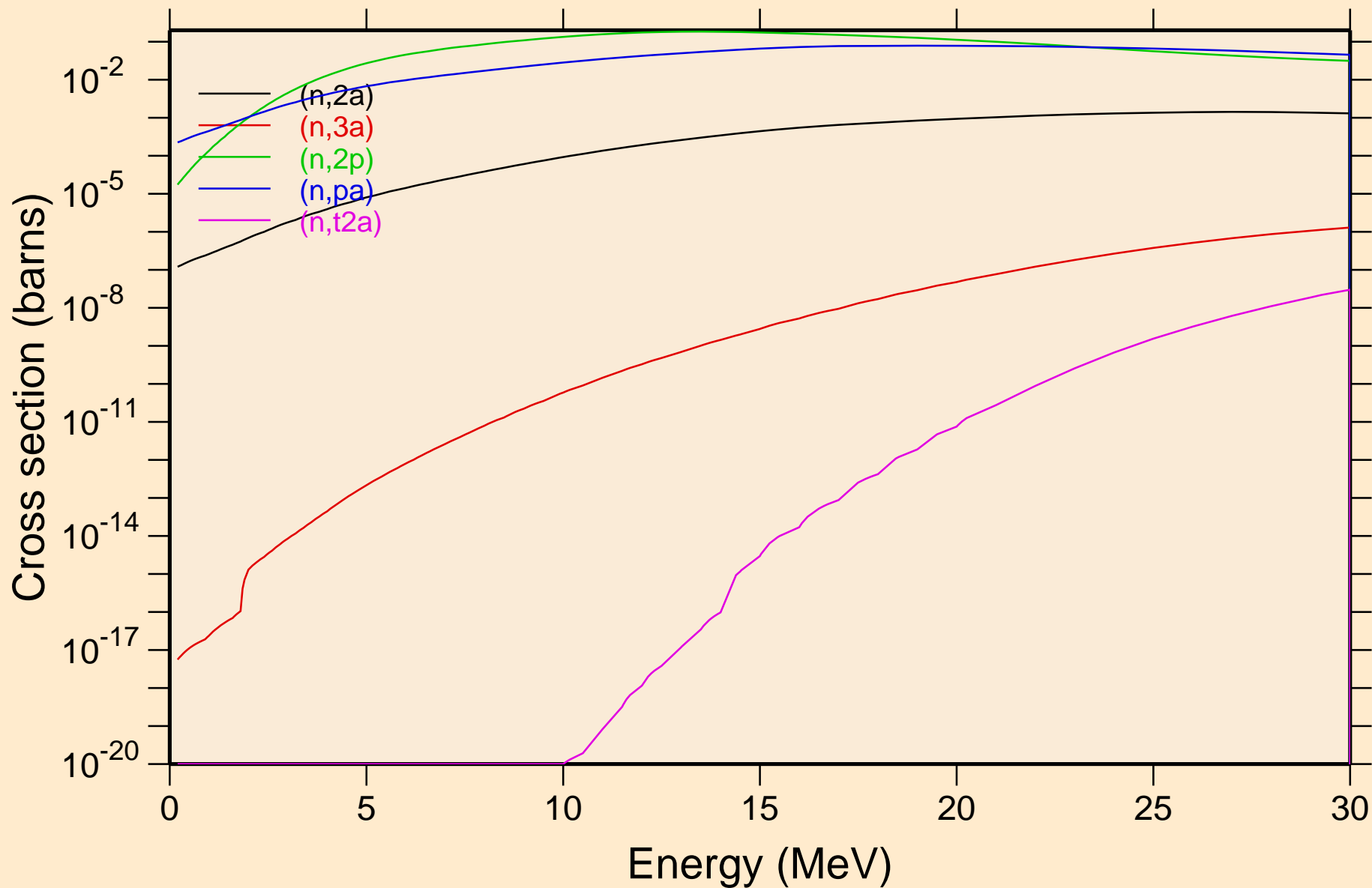
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



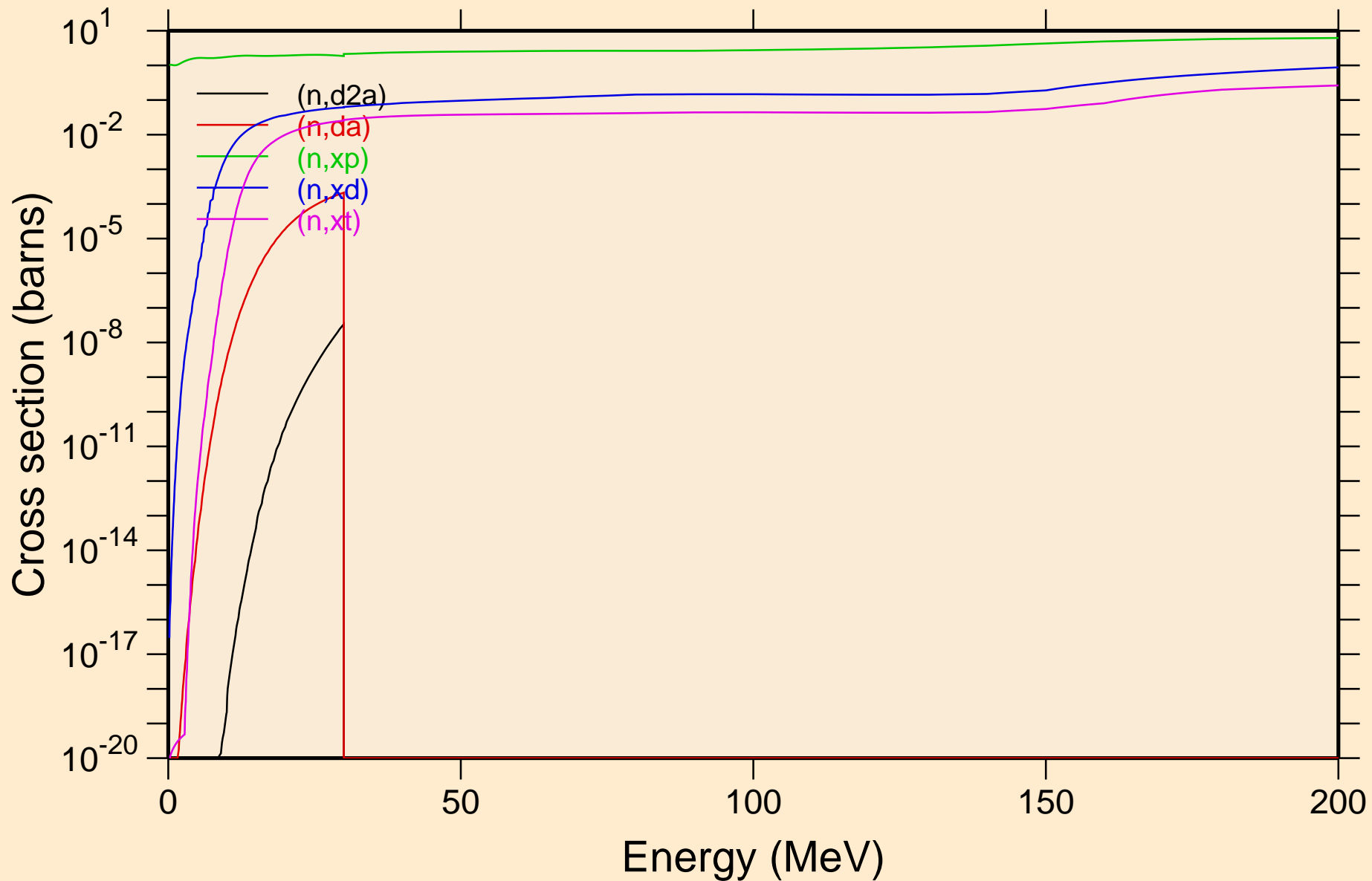
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



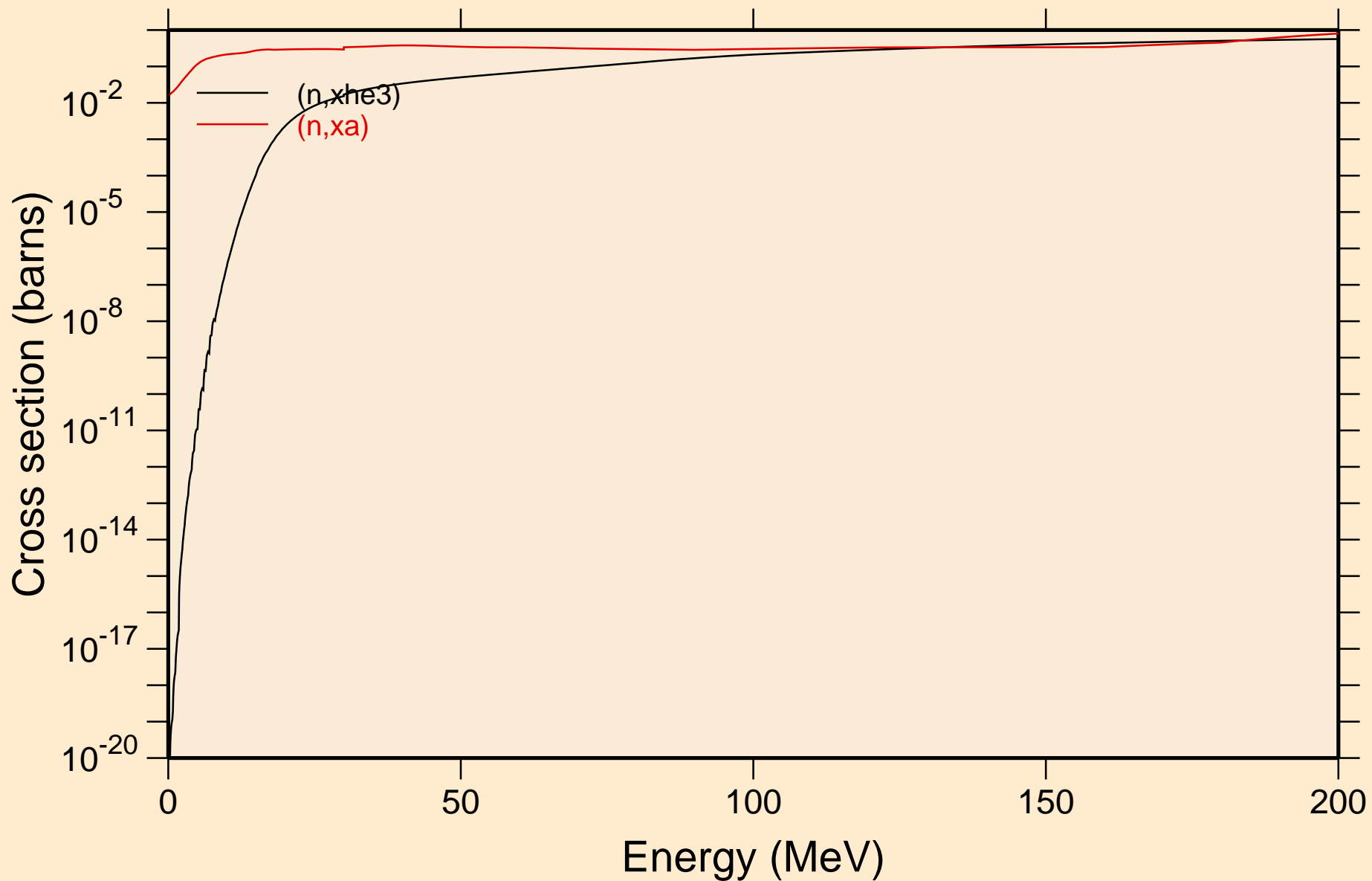
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



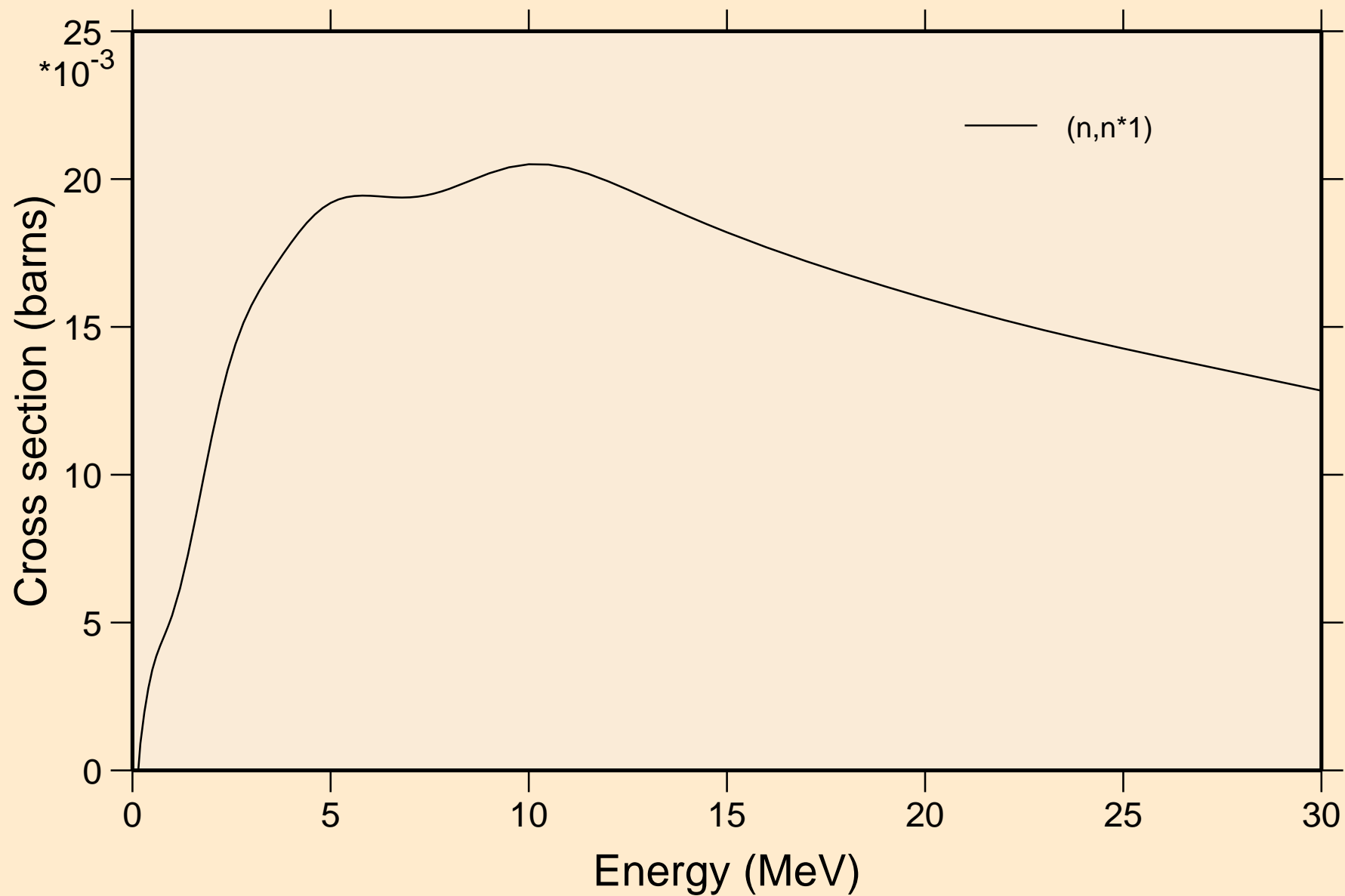
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



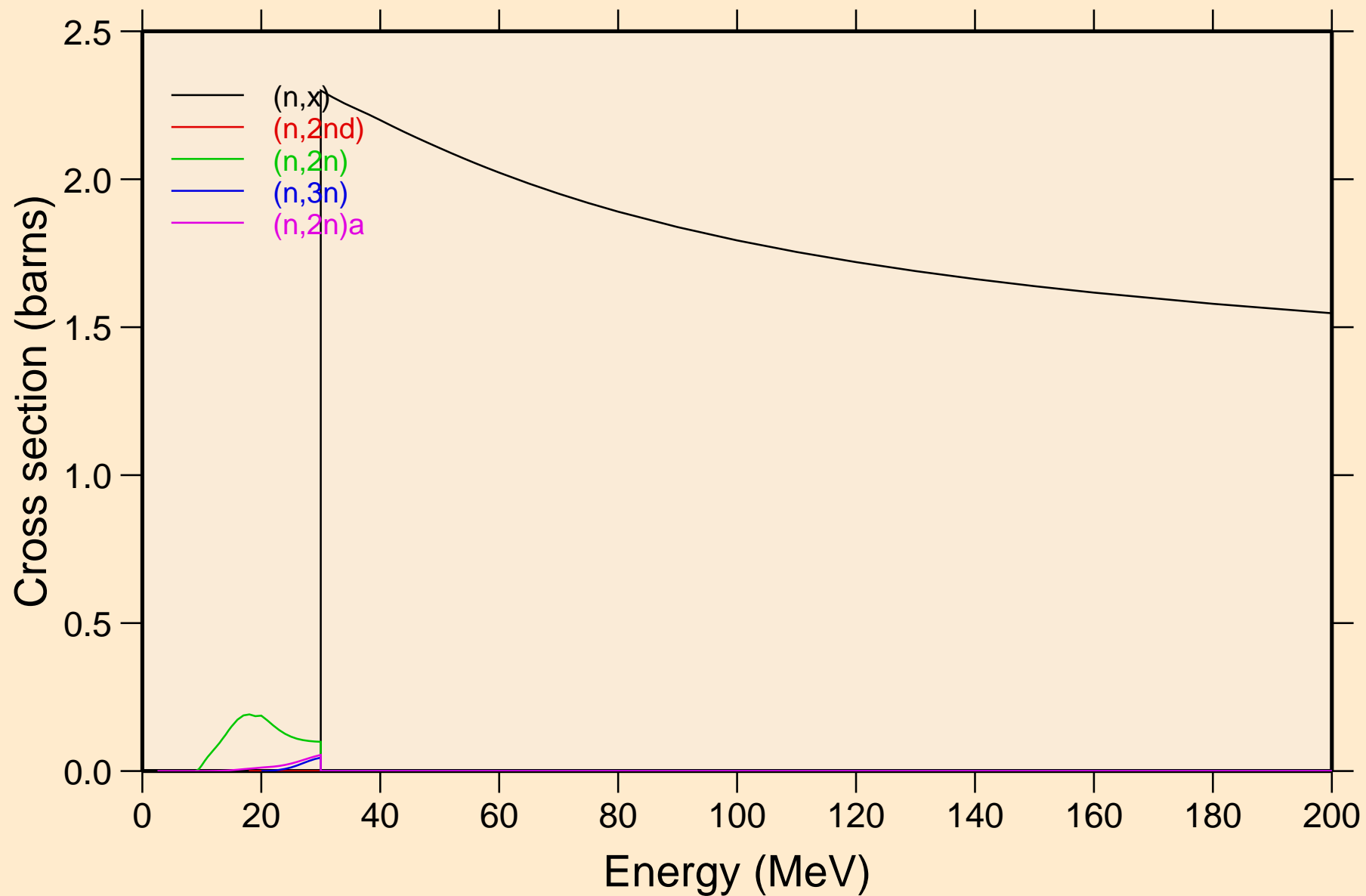
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



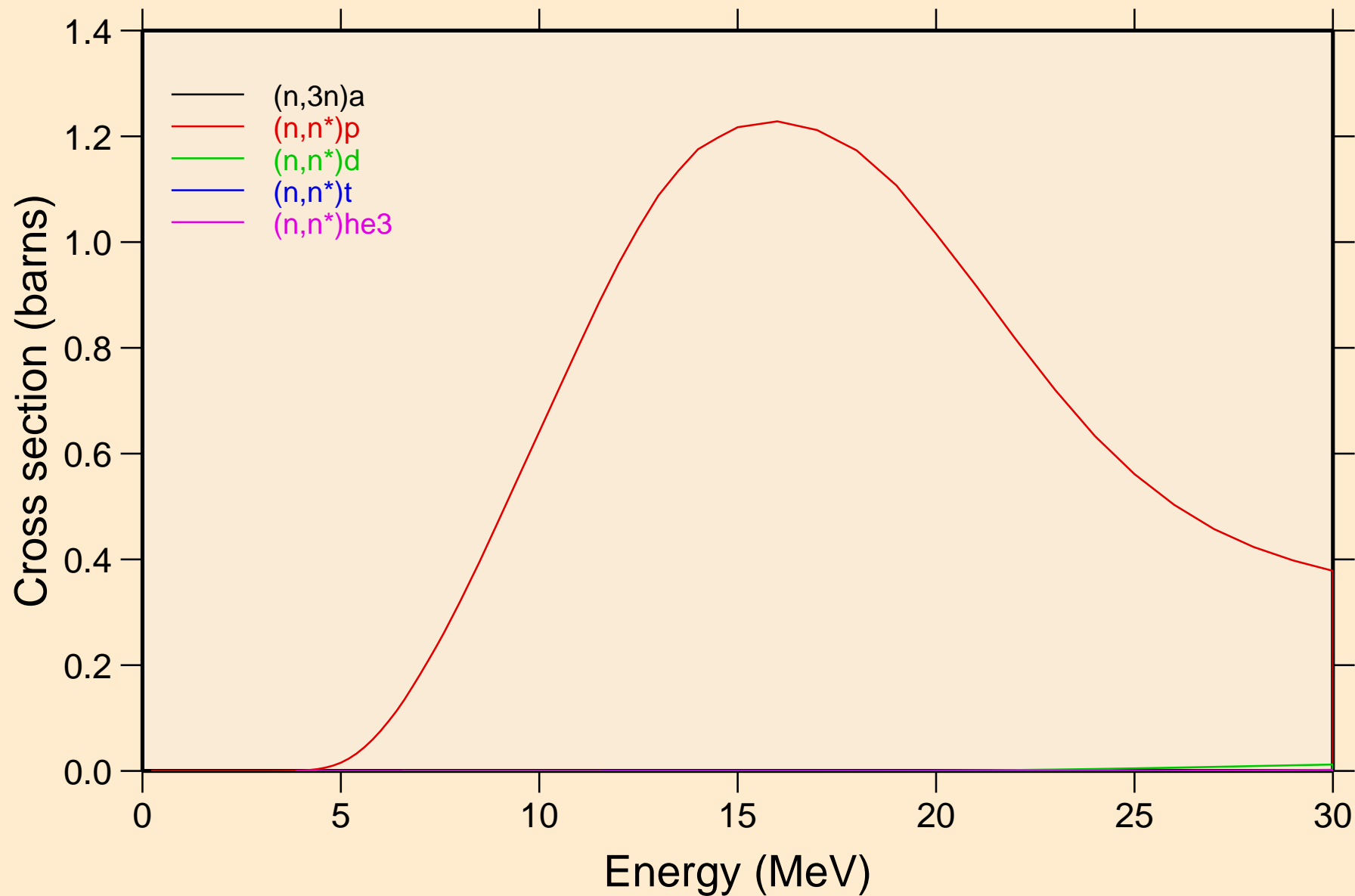
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



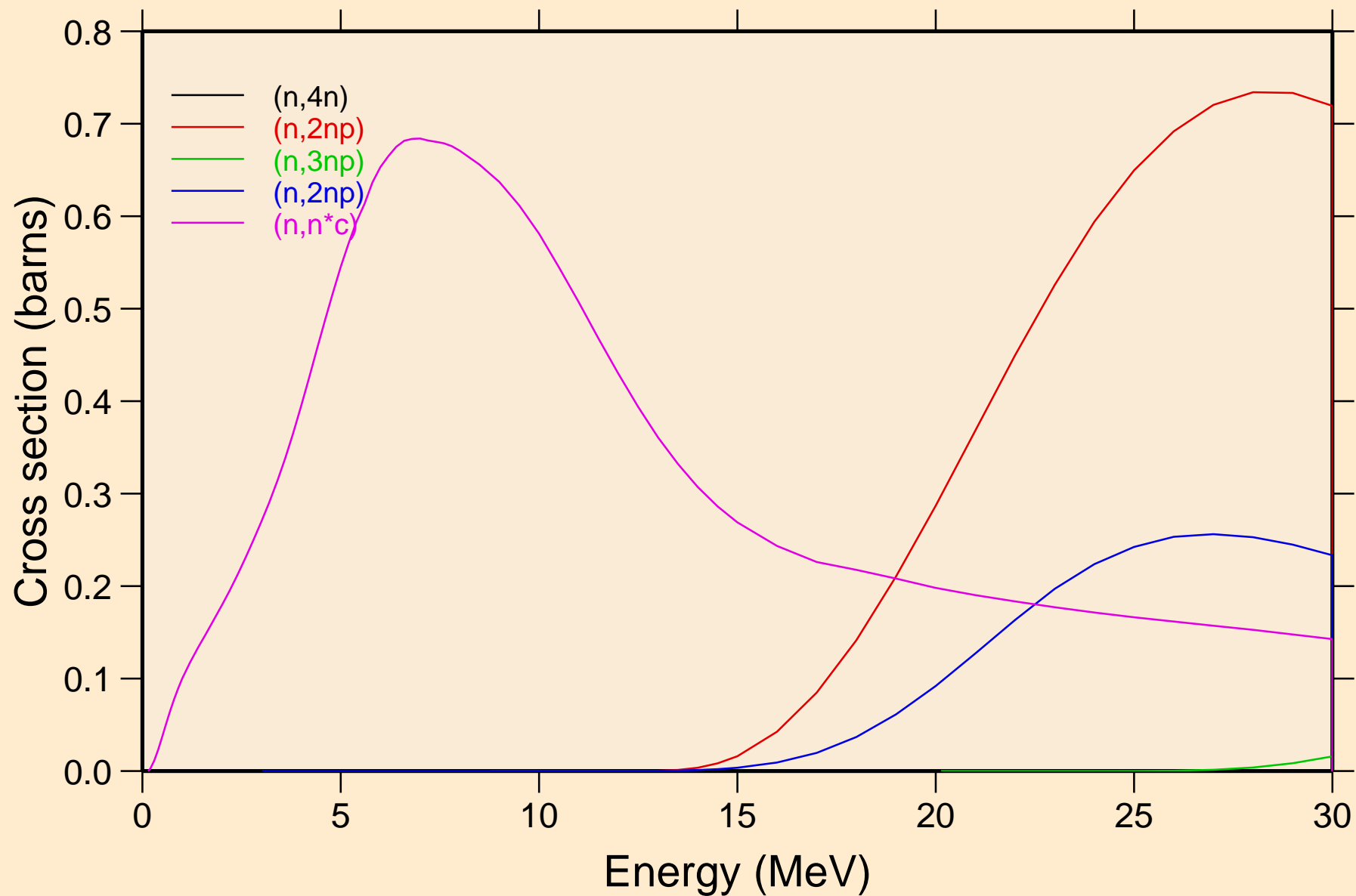
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



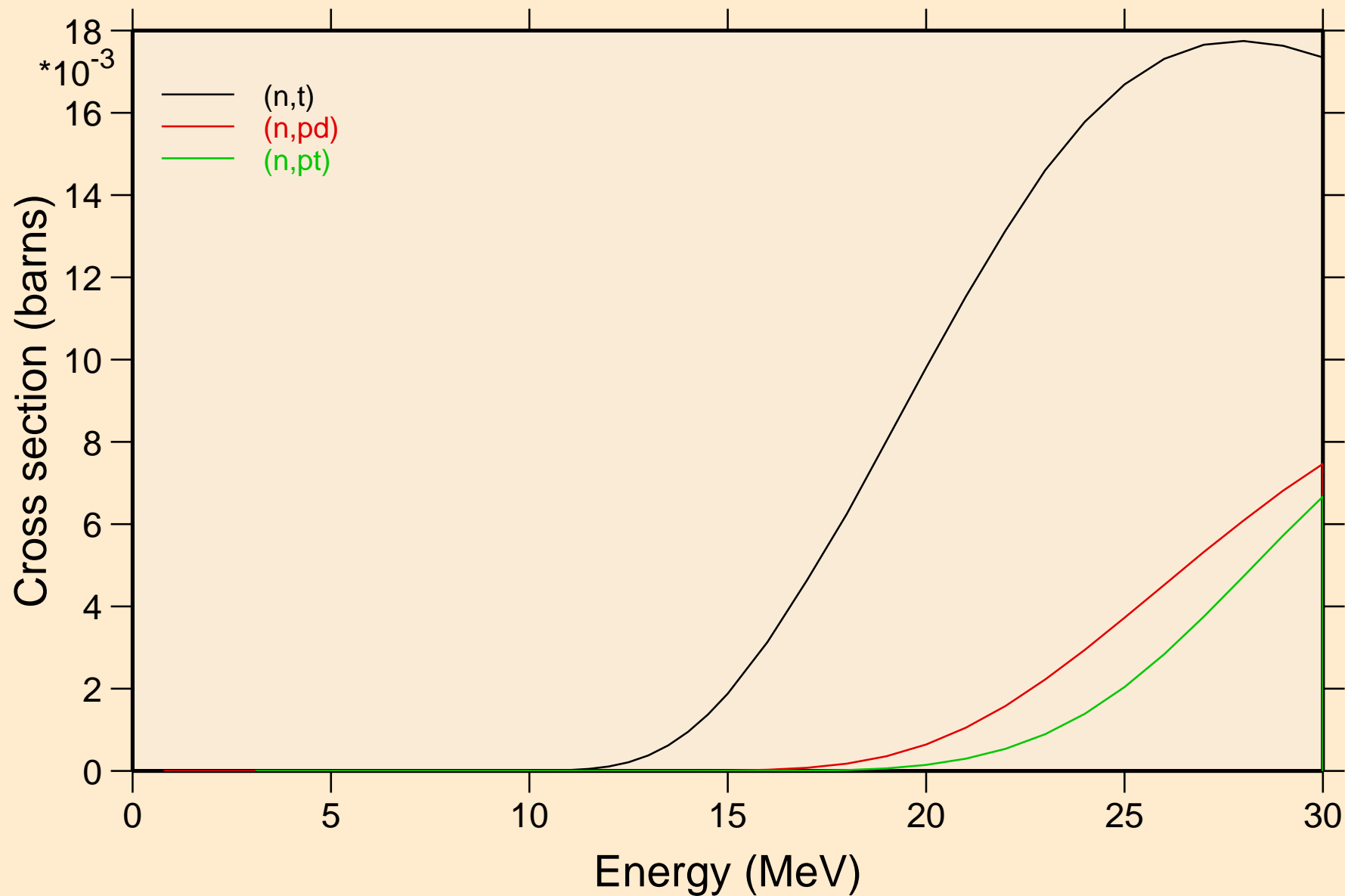
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



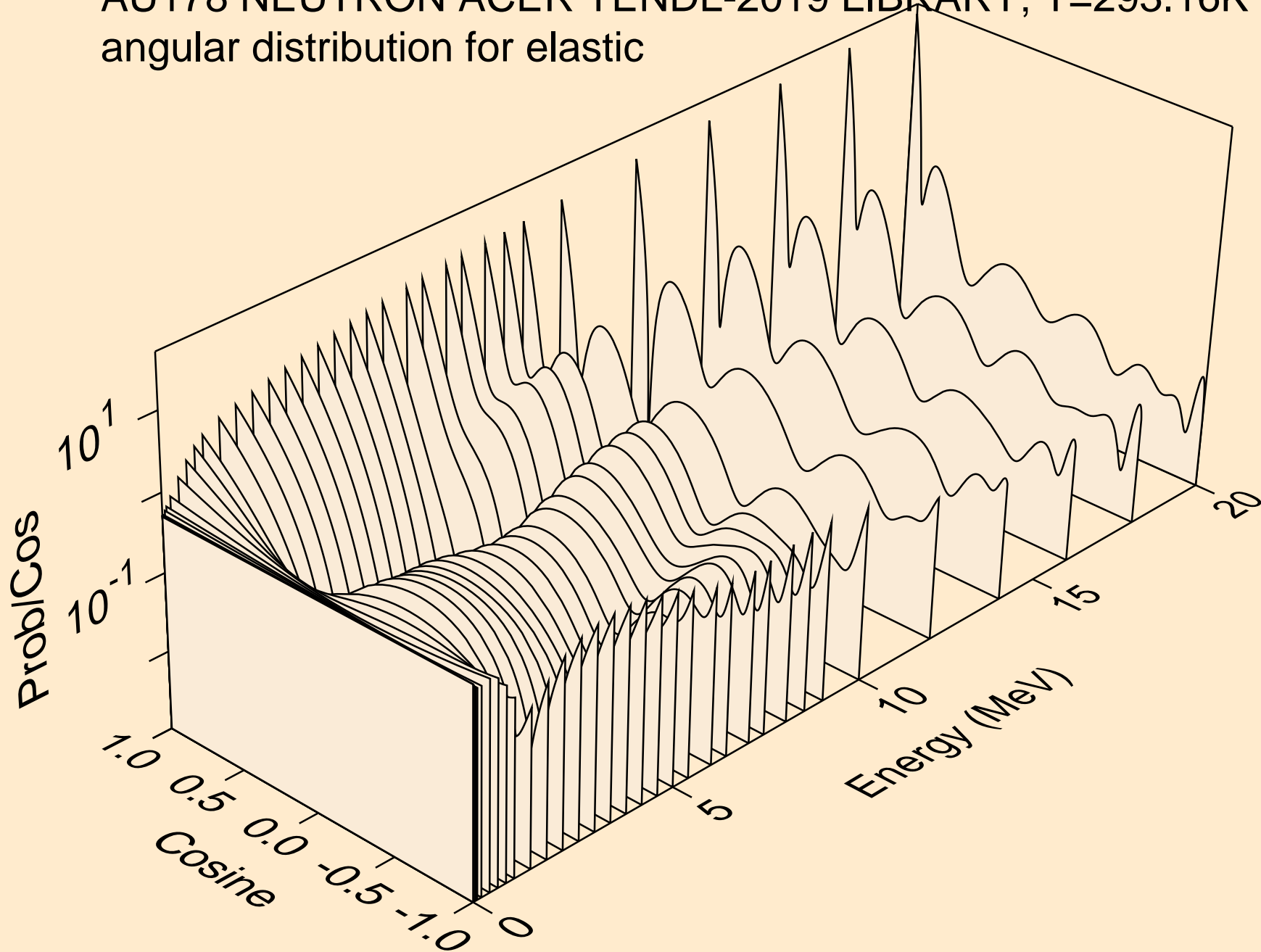
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



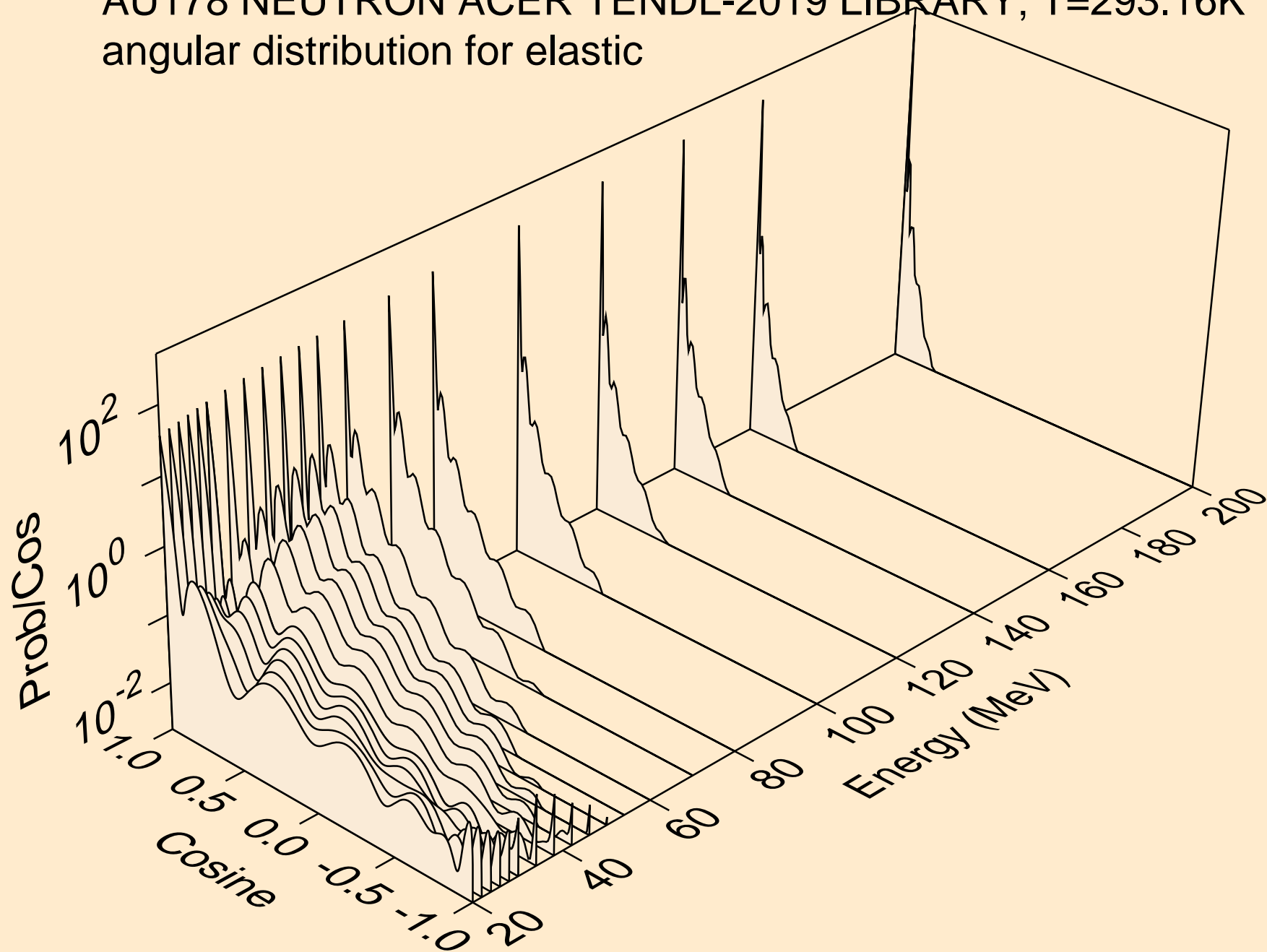
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



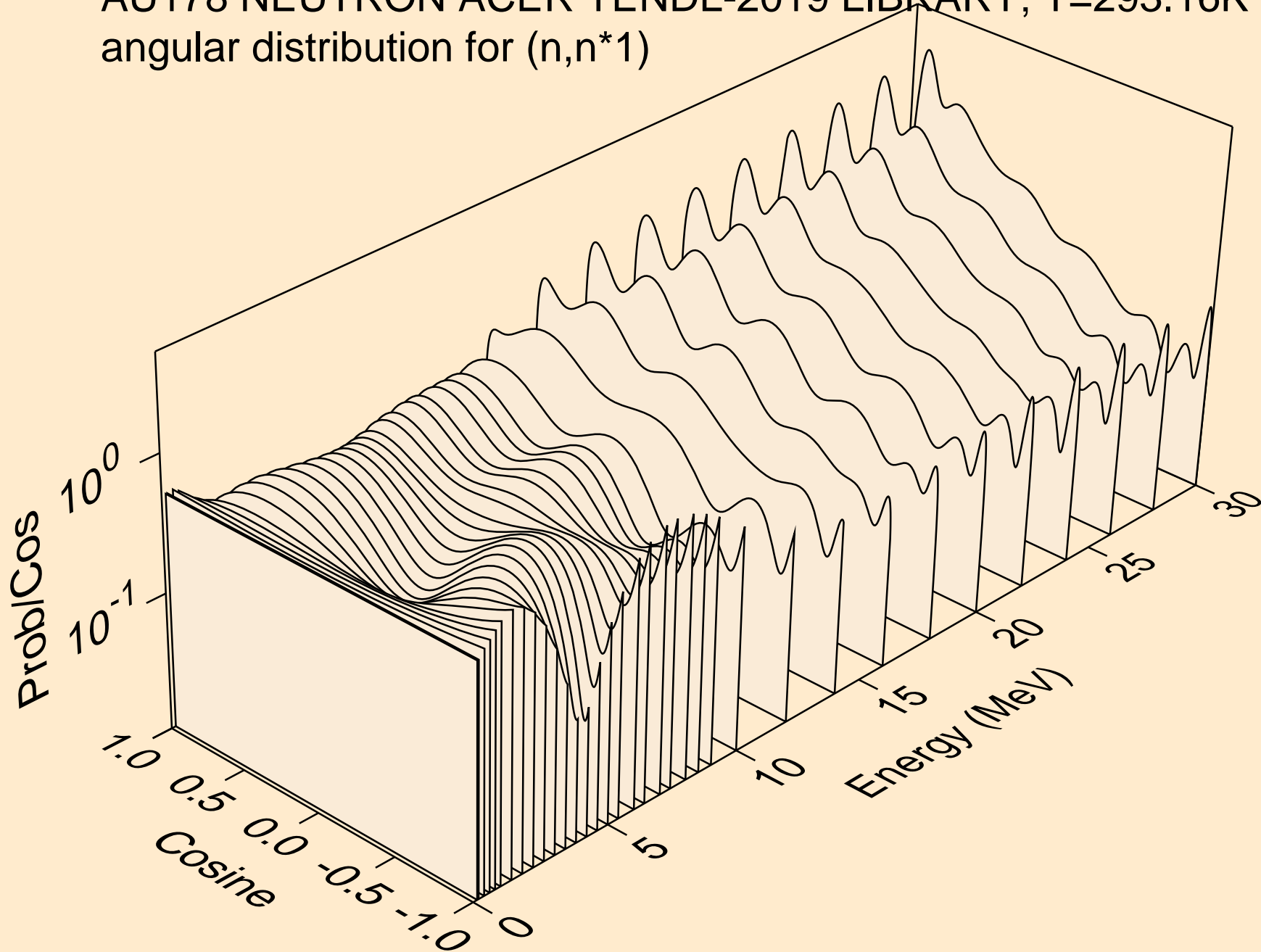
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



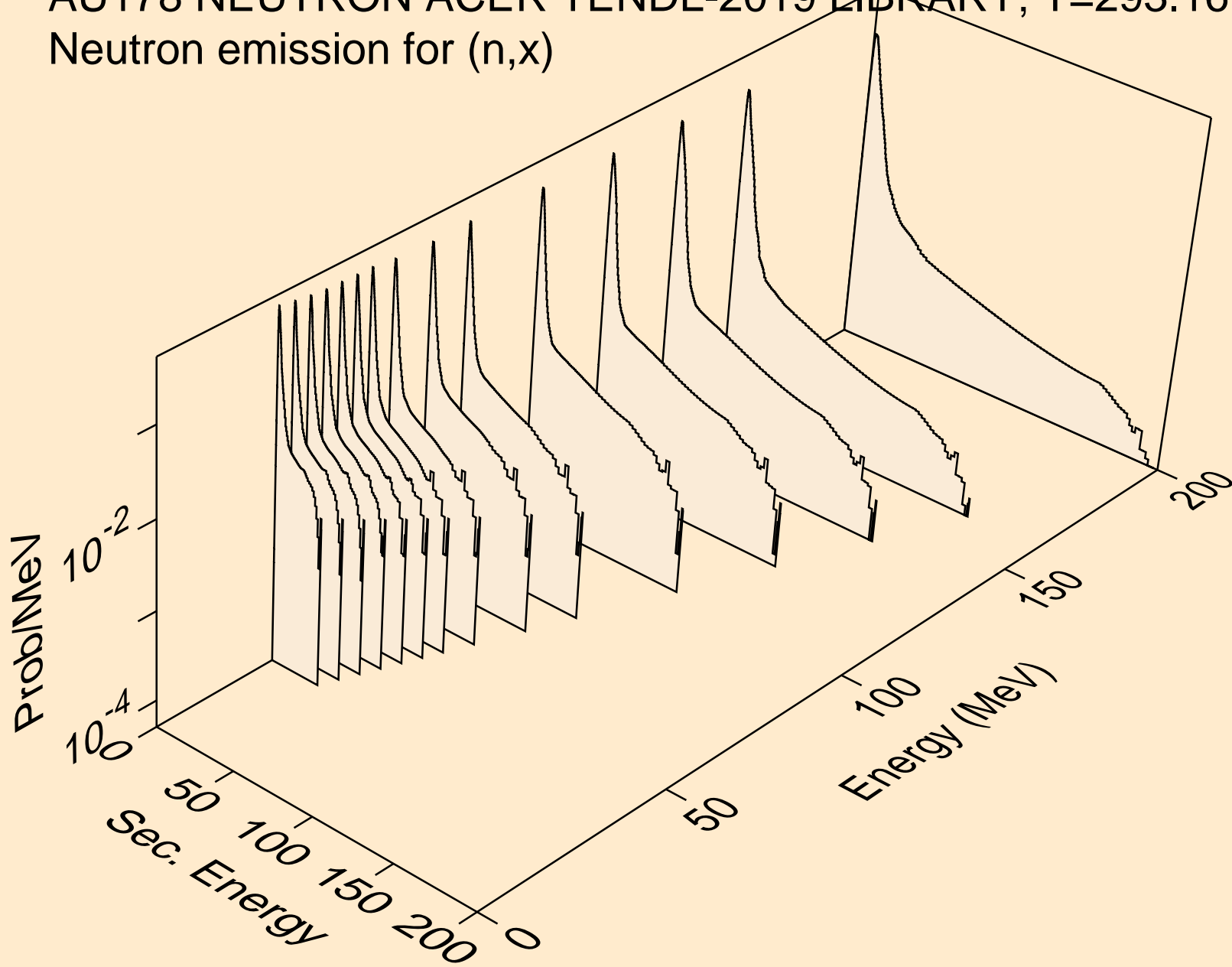
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



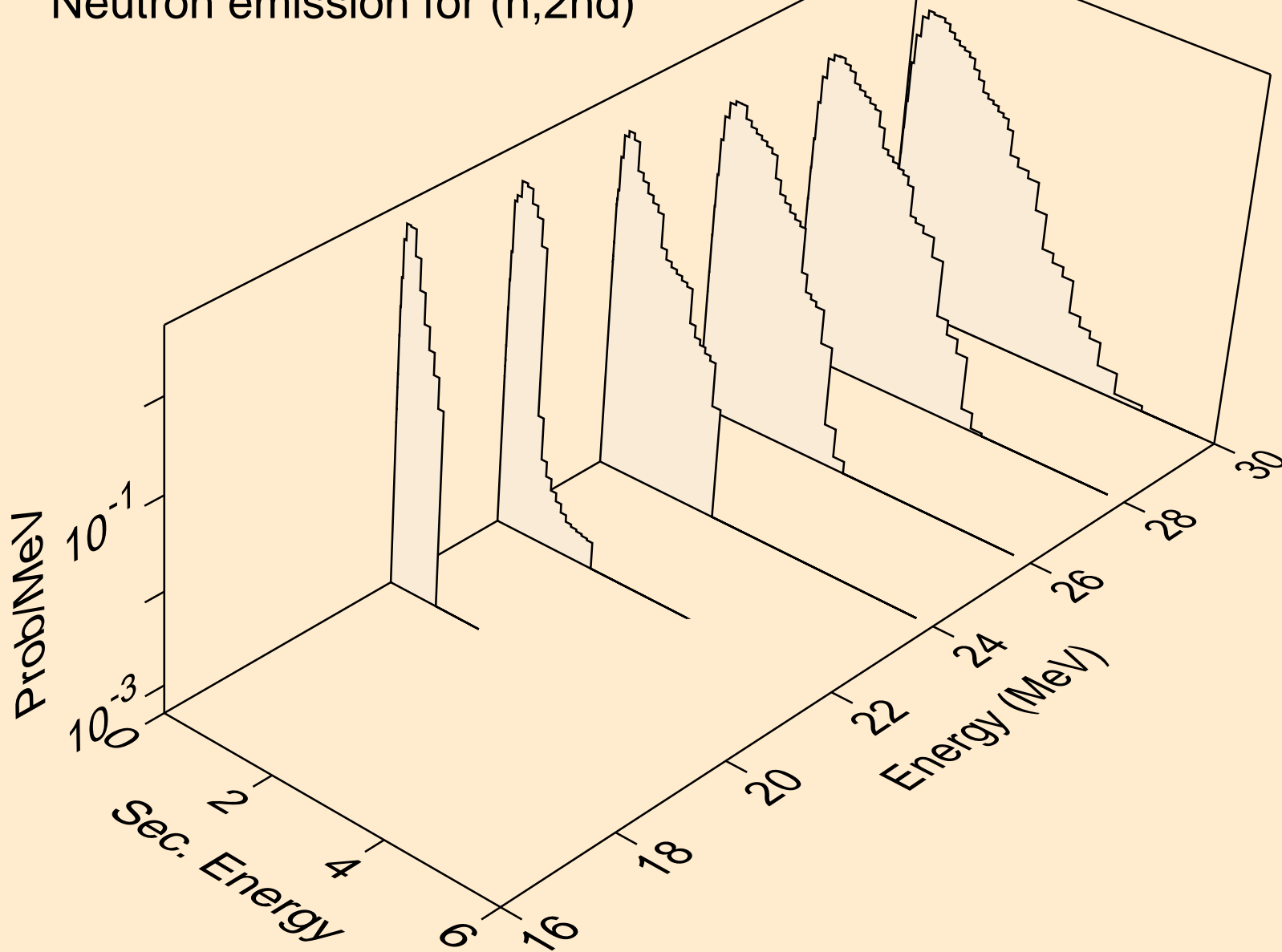
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



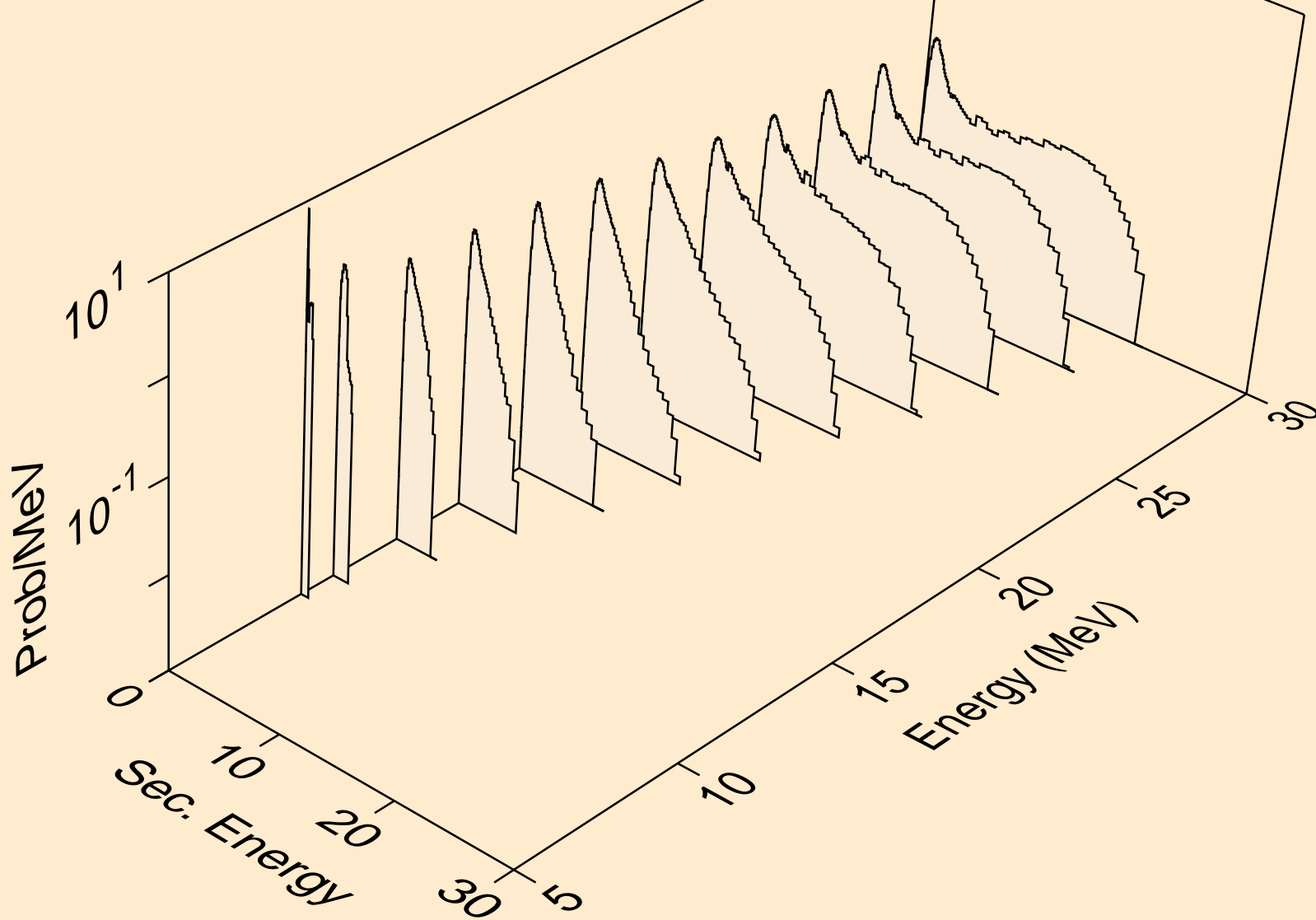
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



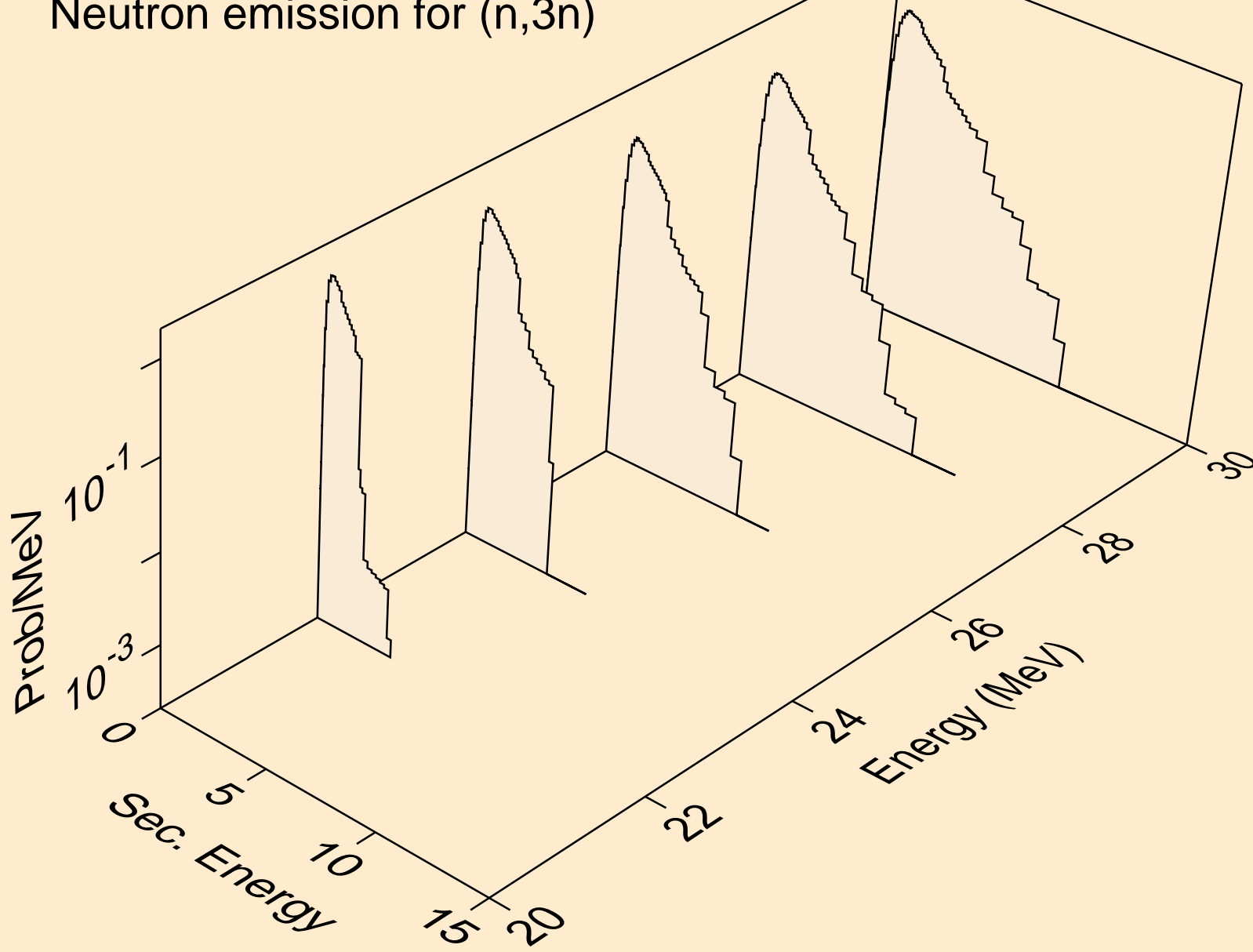
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



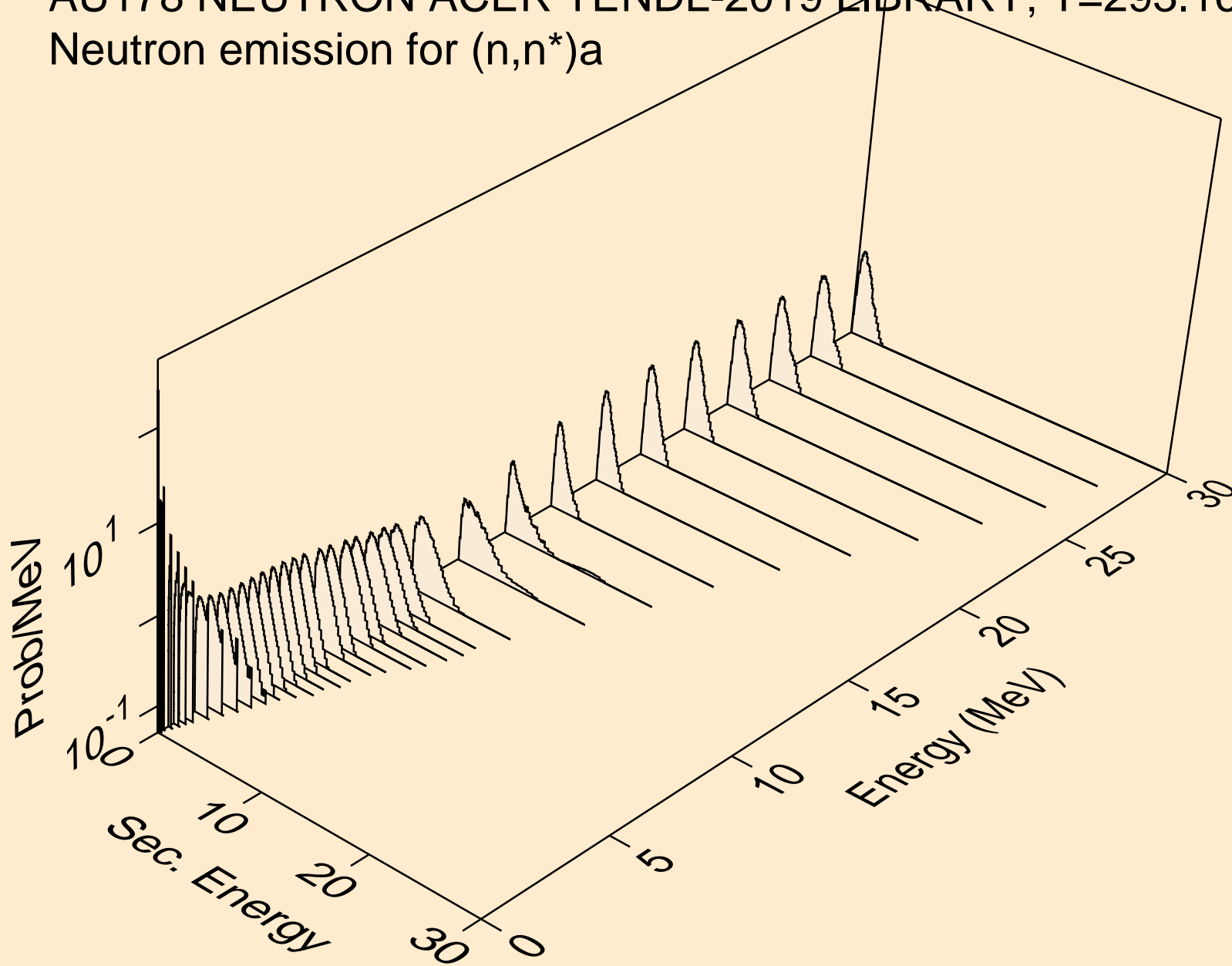
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



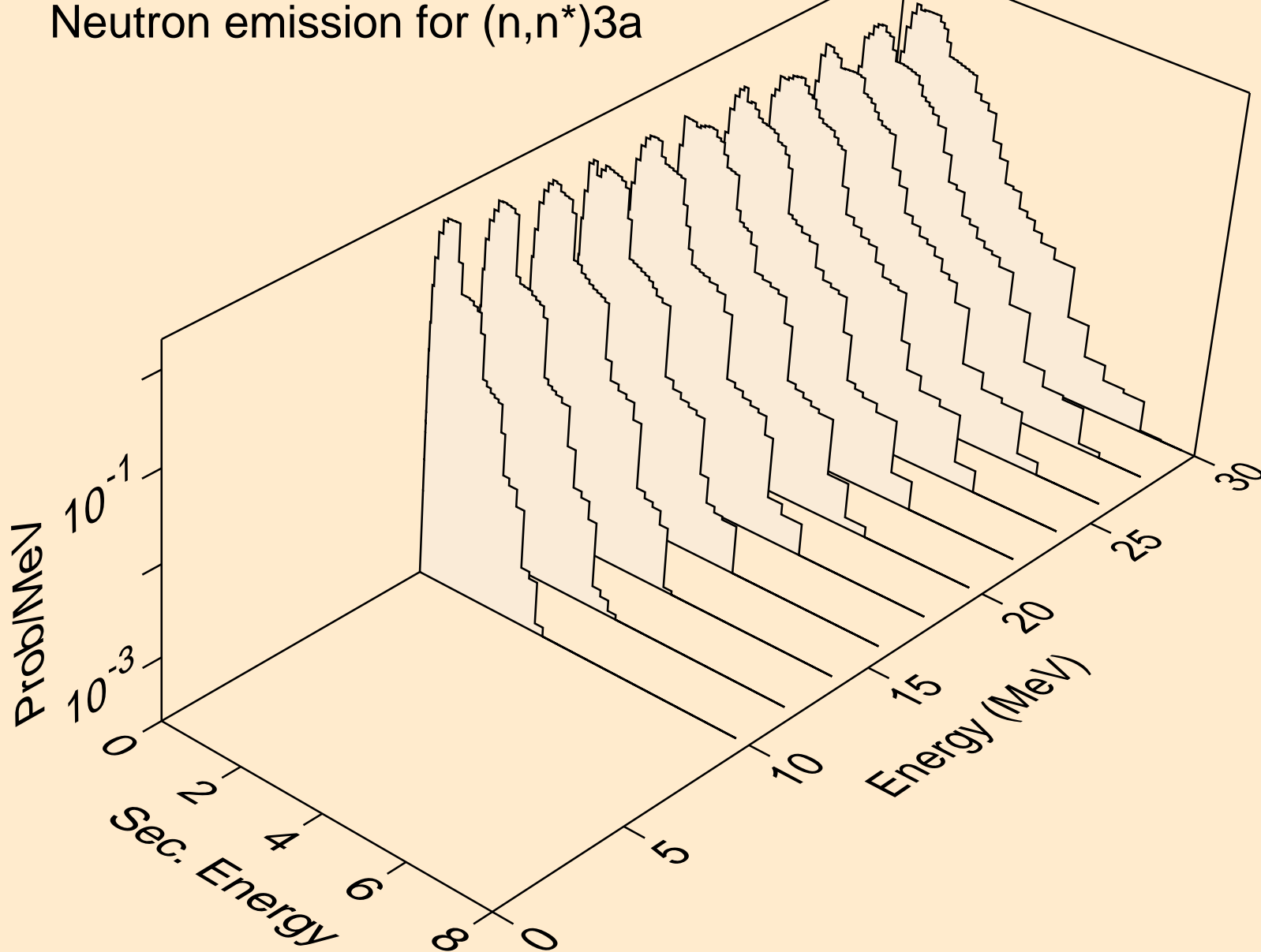
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



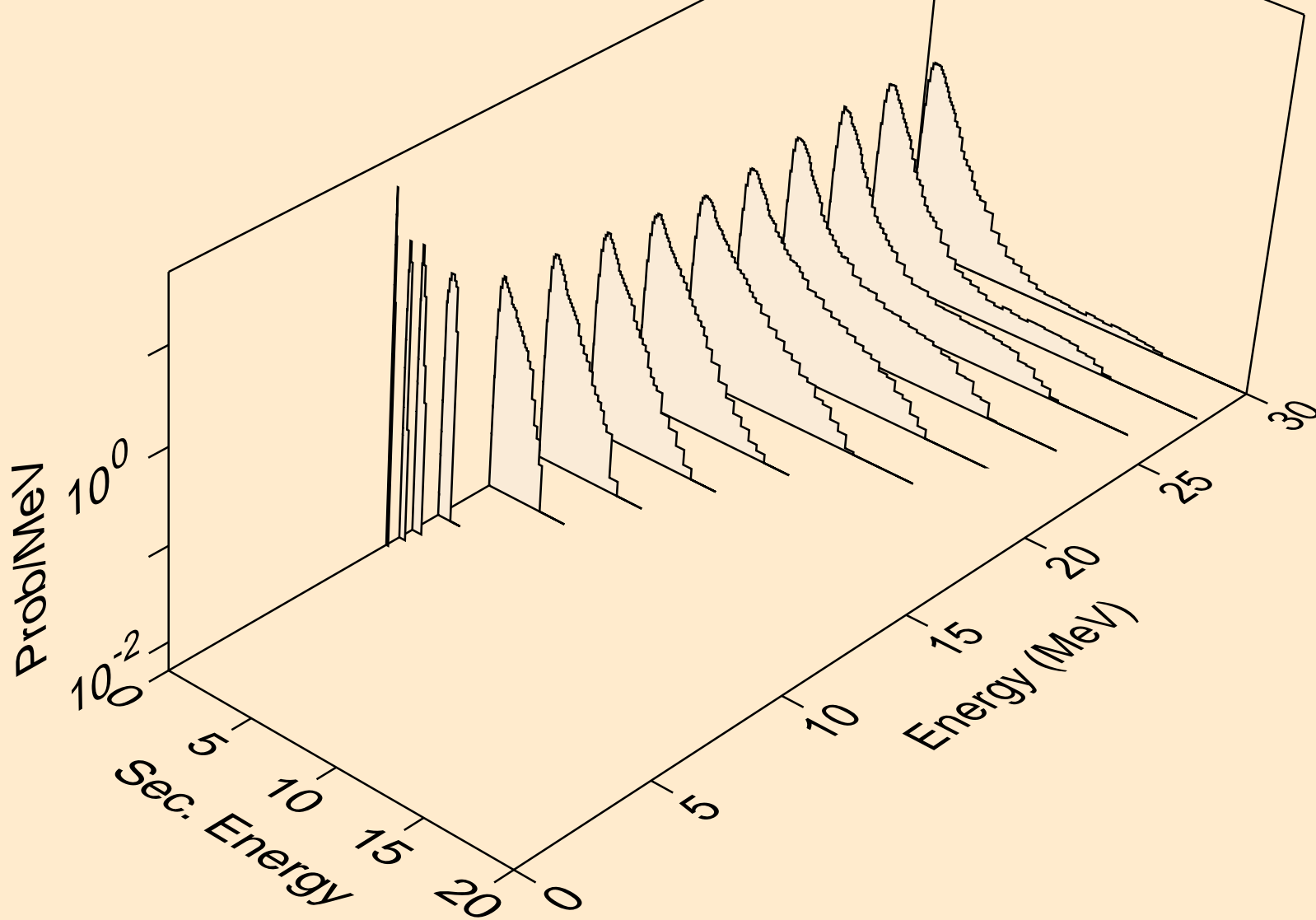
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



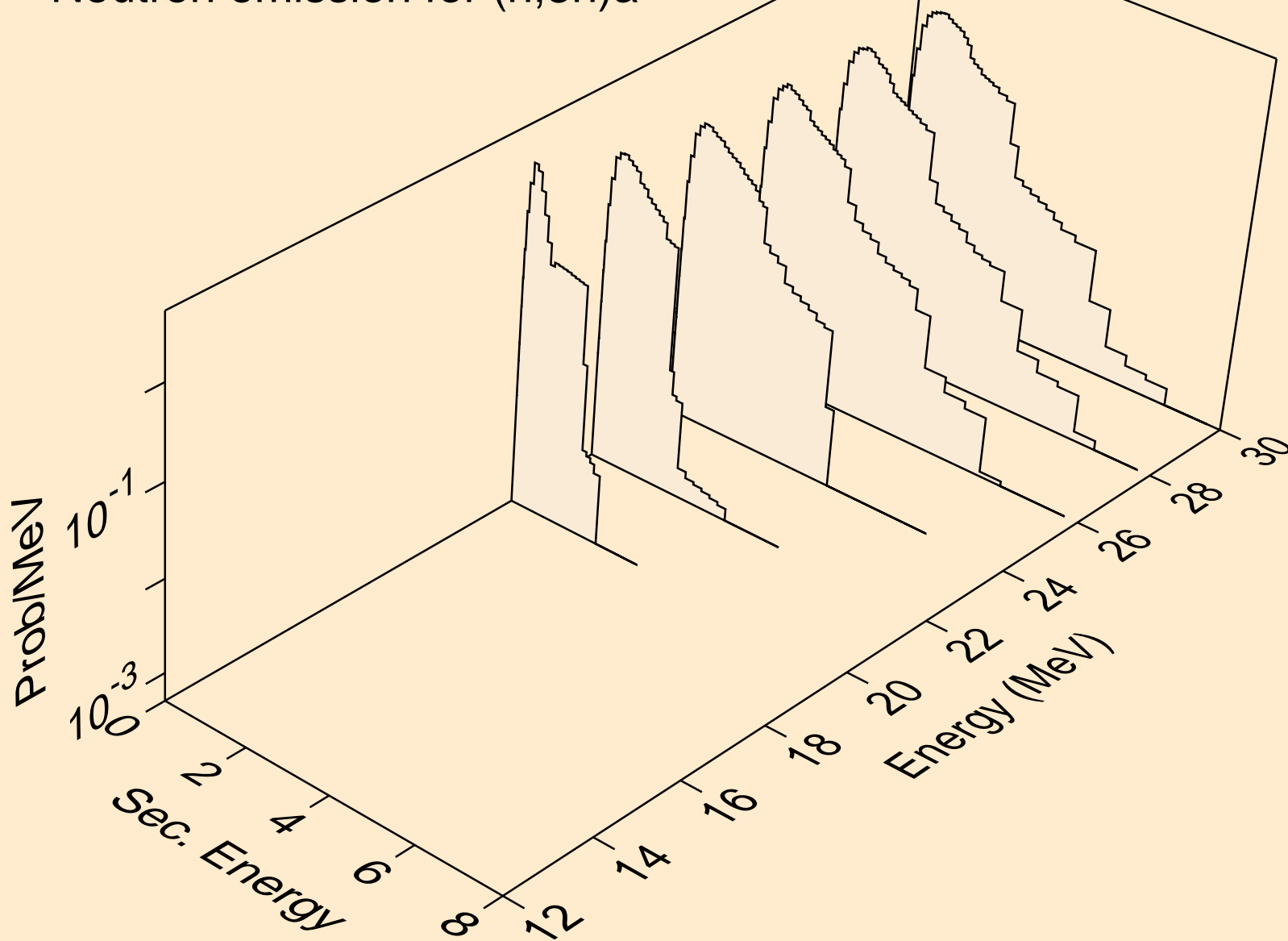
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)3a



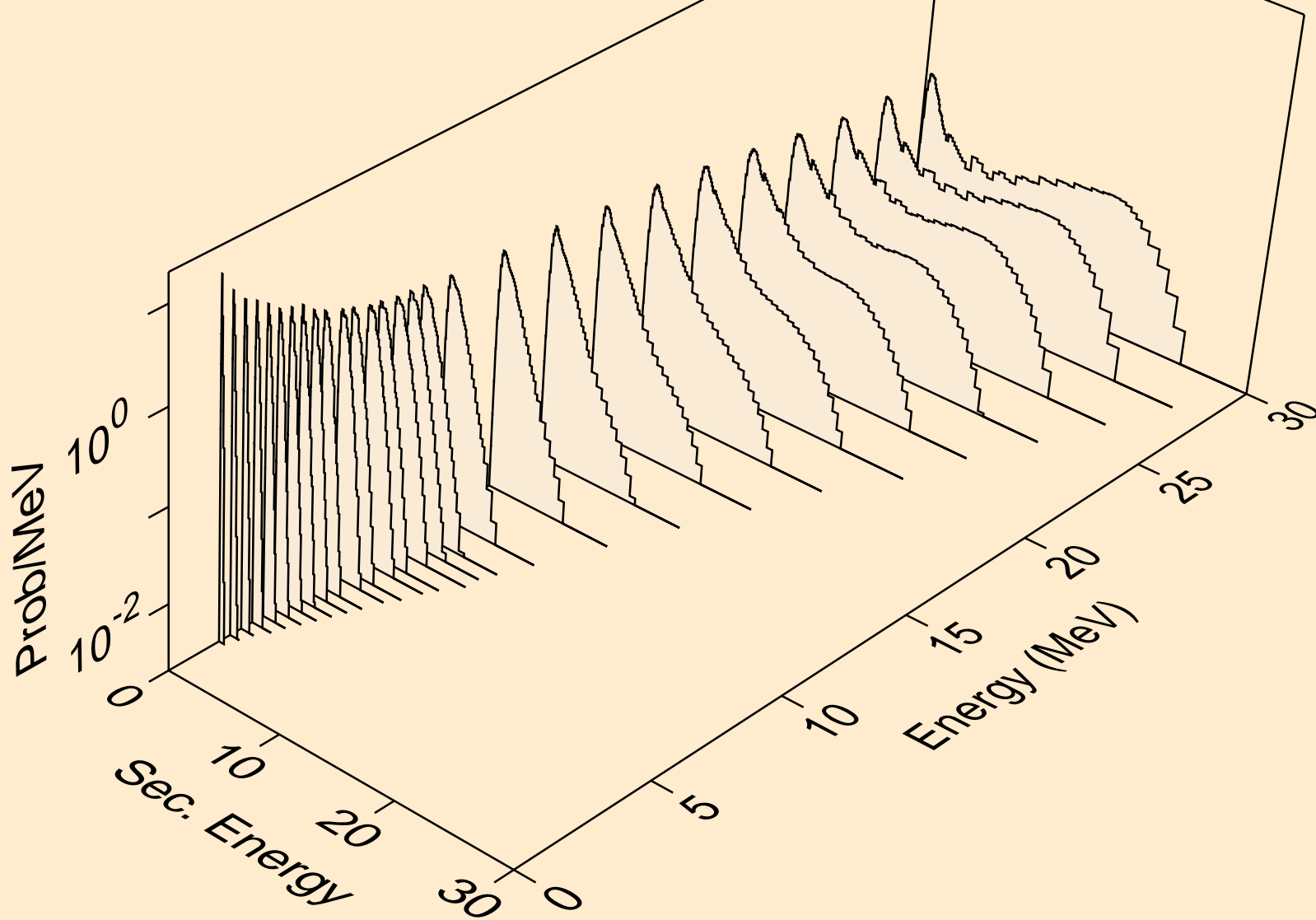
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



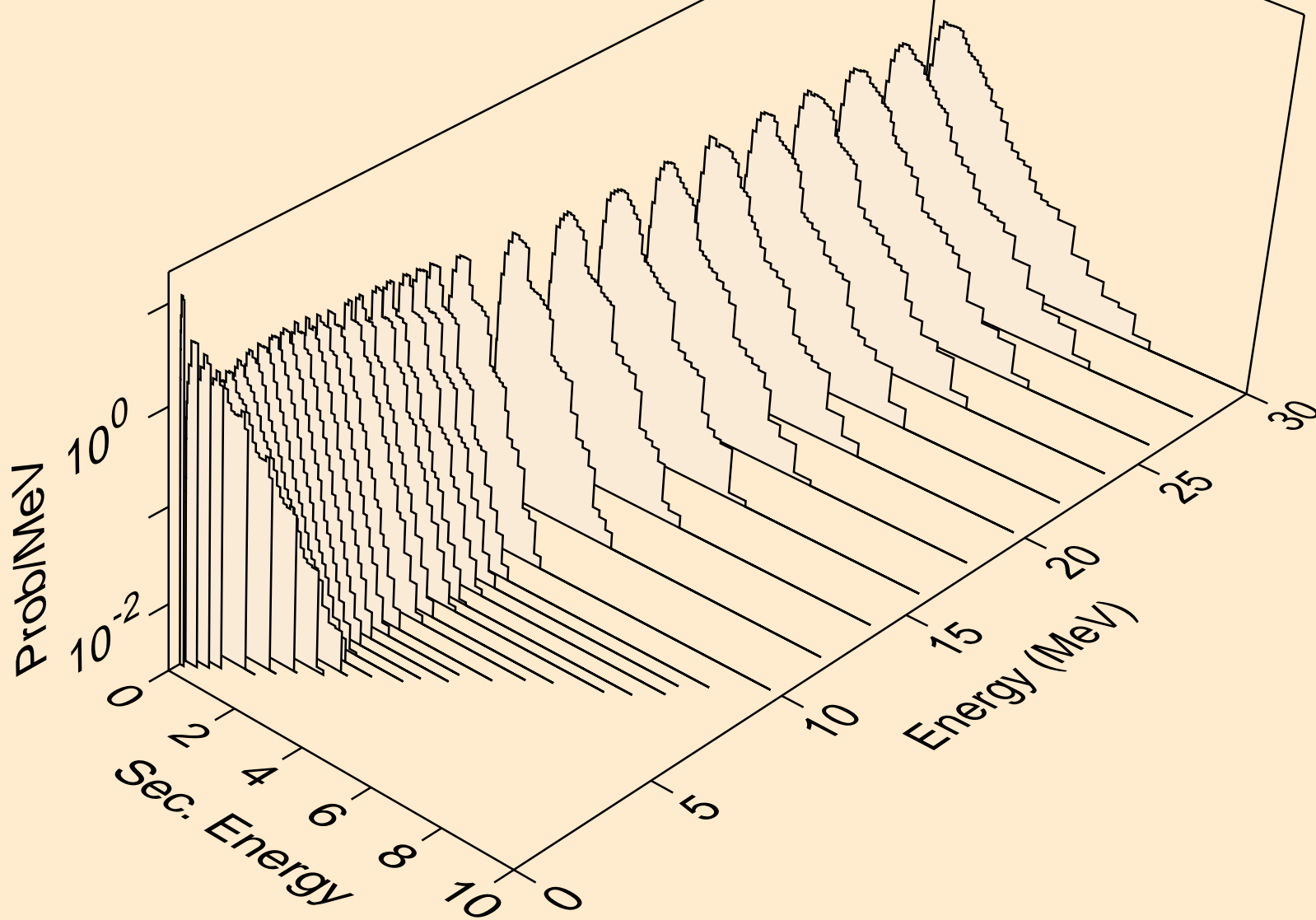
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



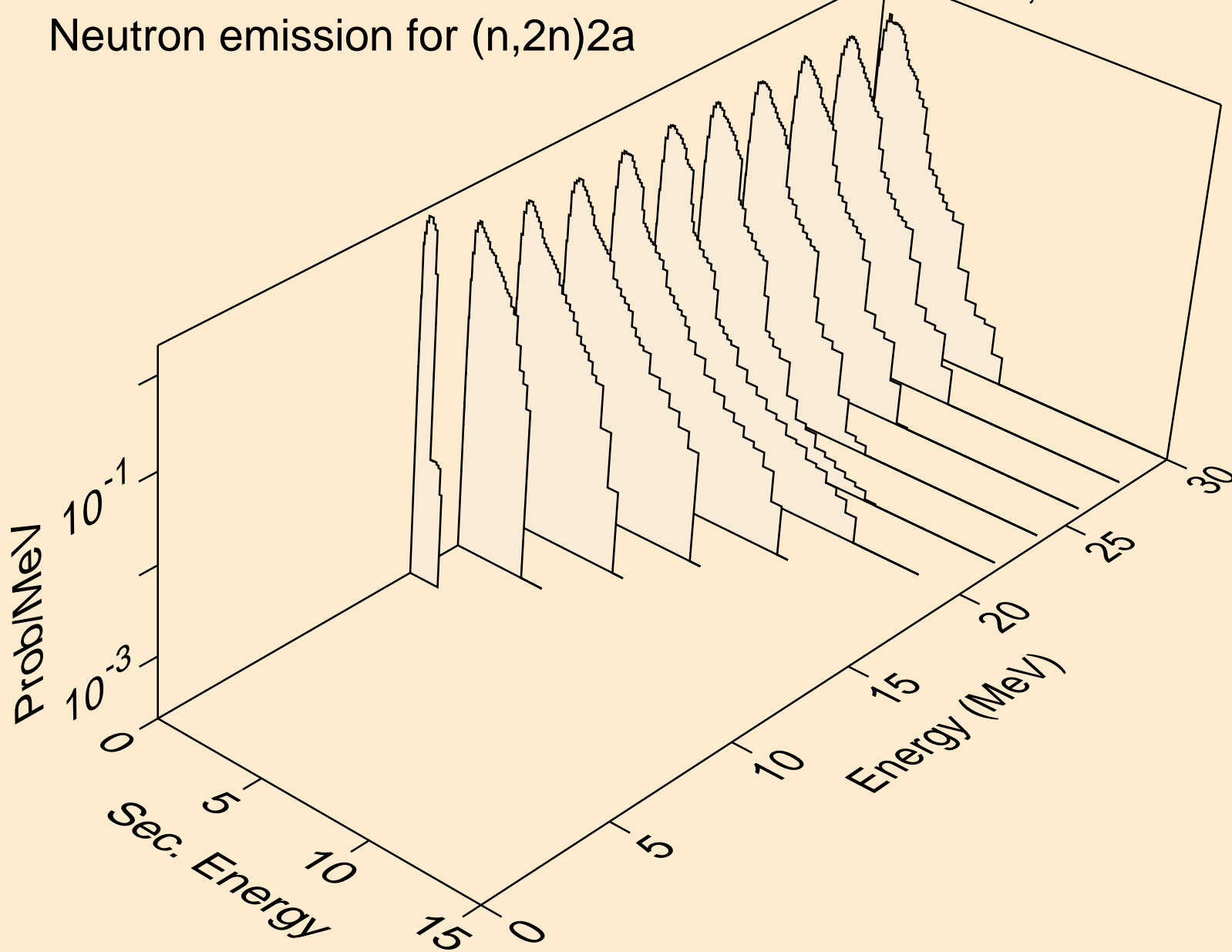
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



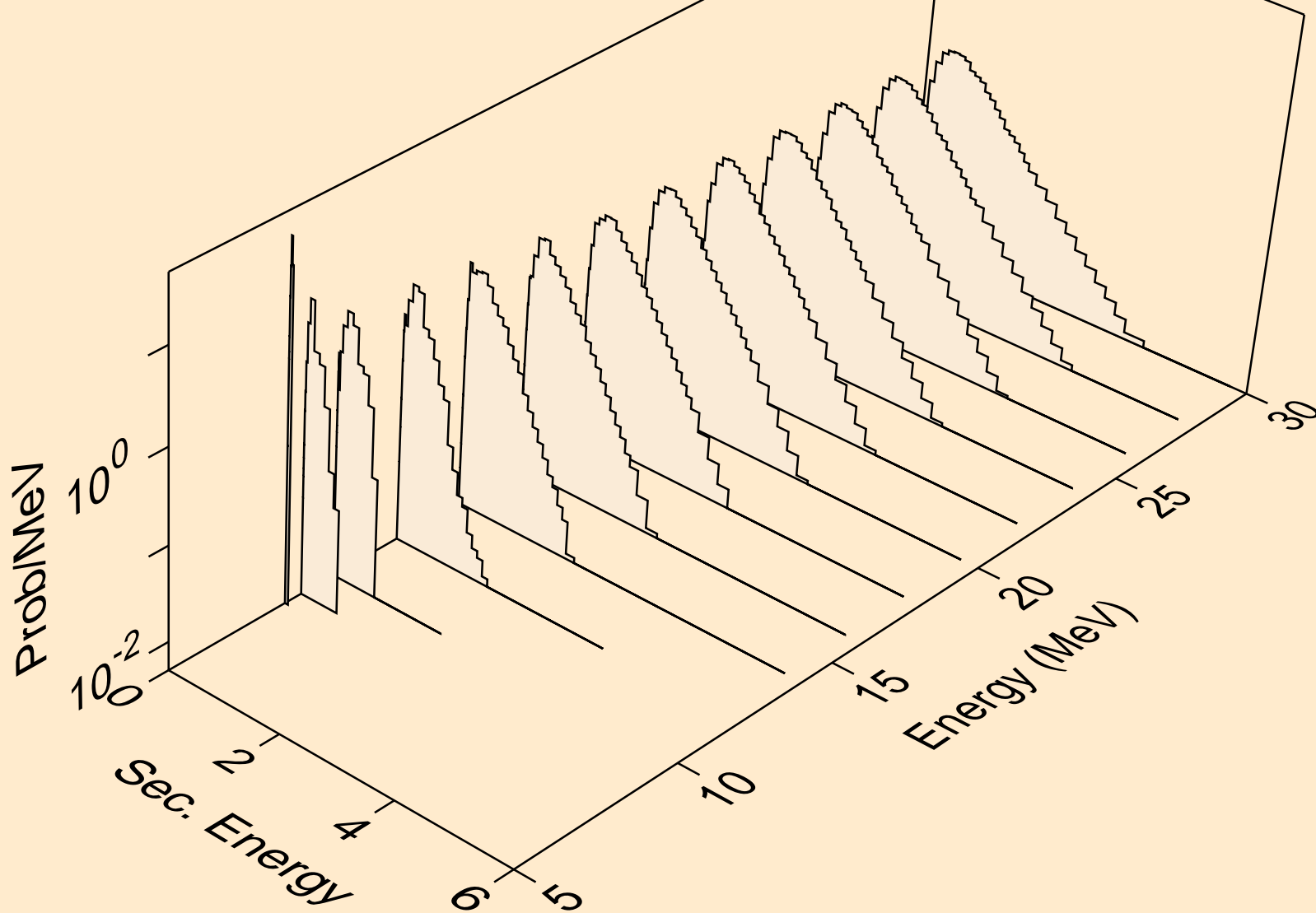
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



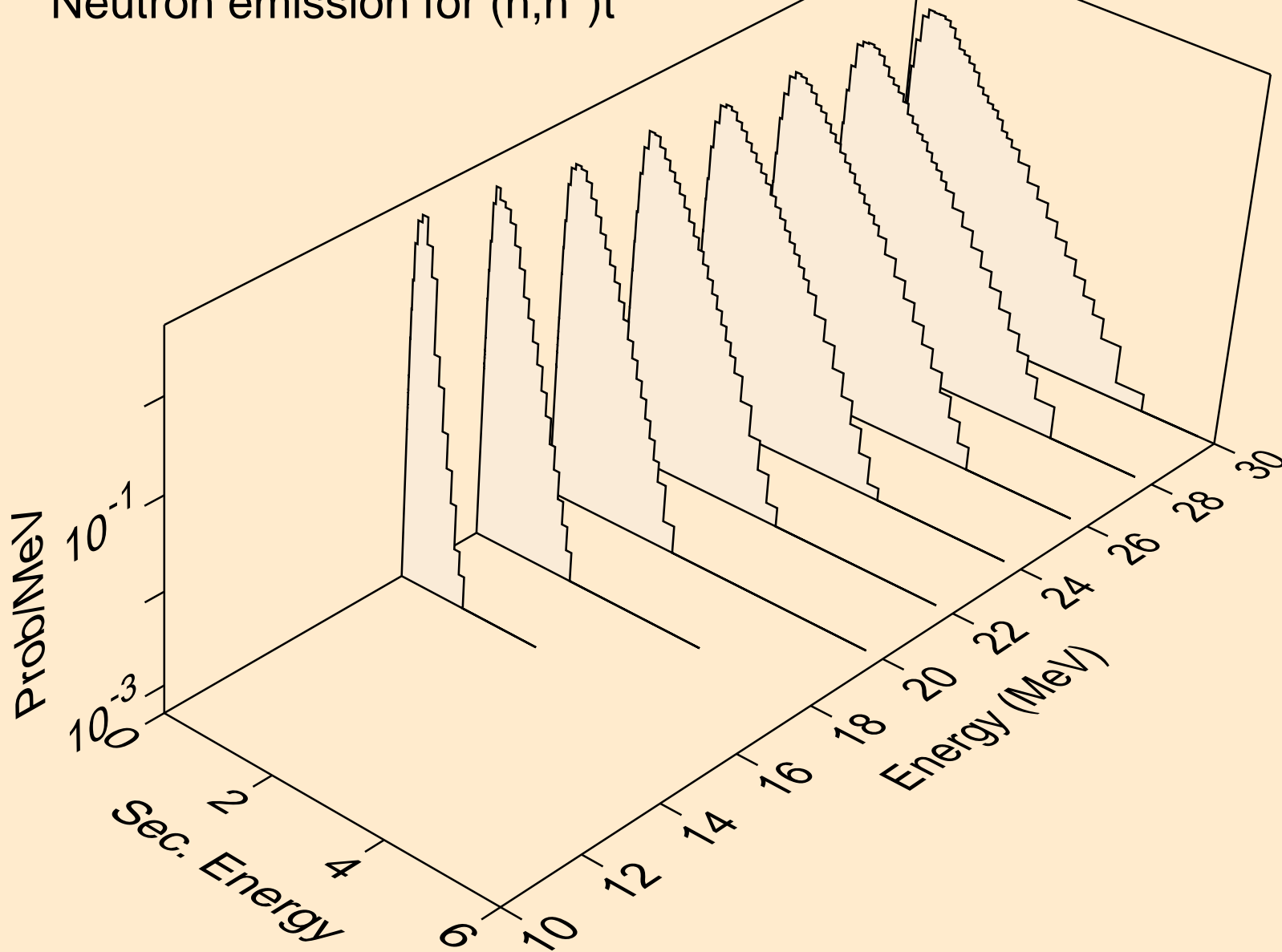
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



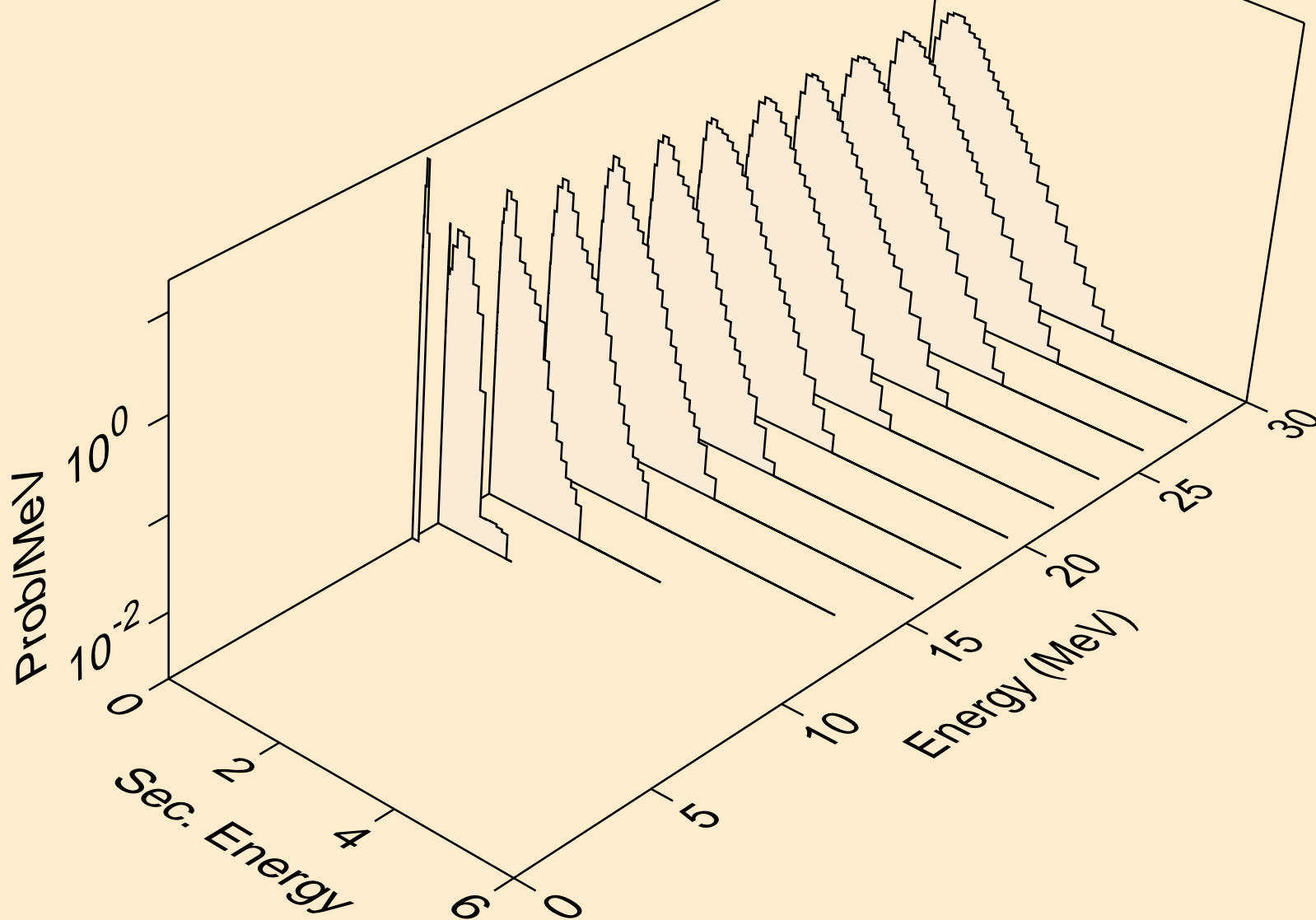
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



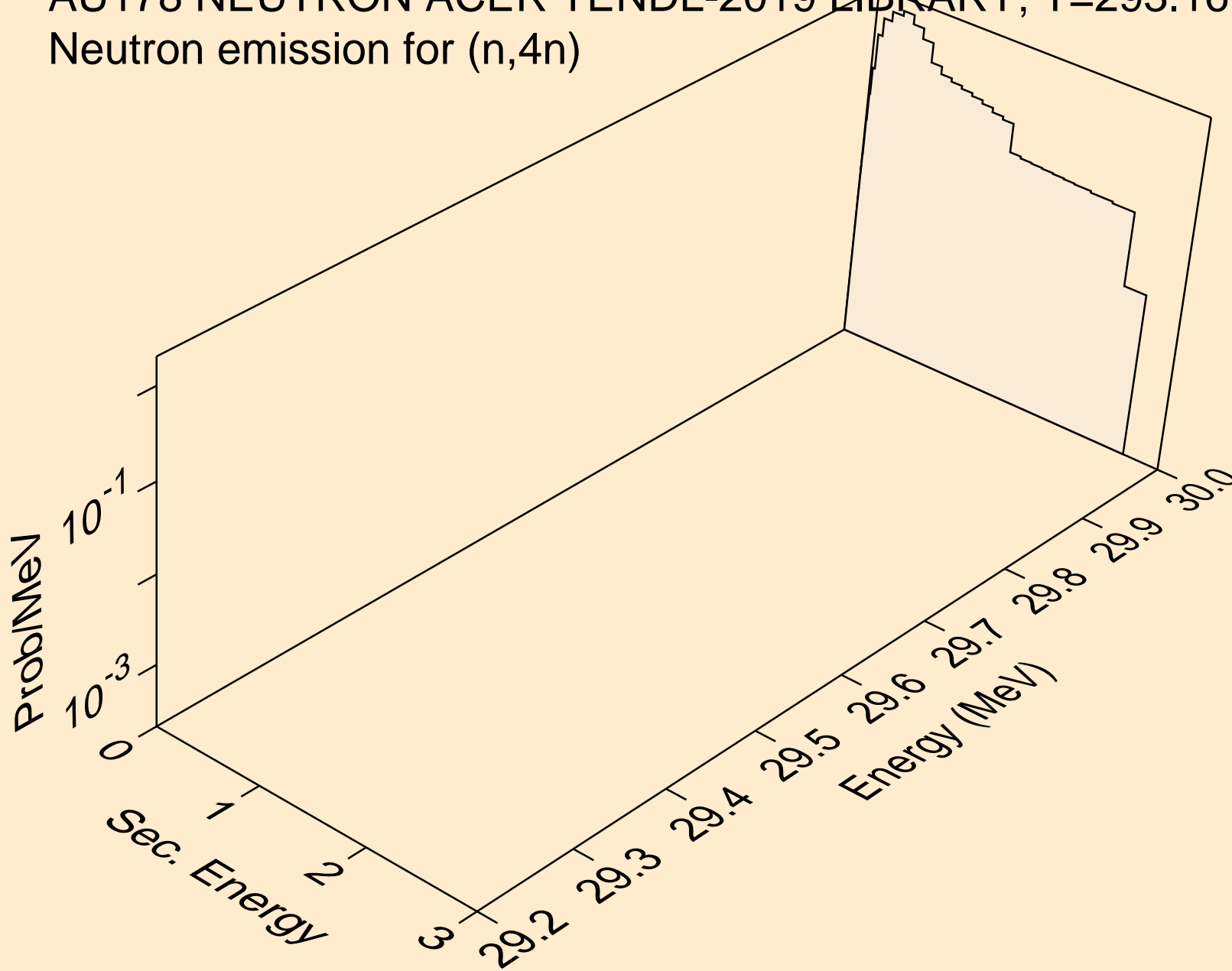
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



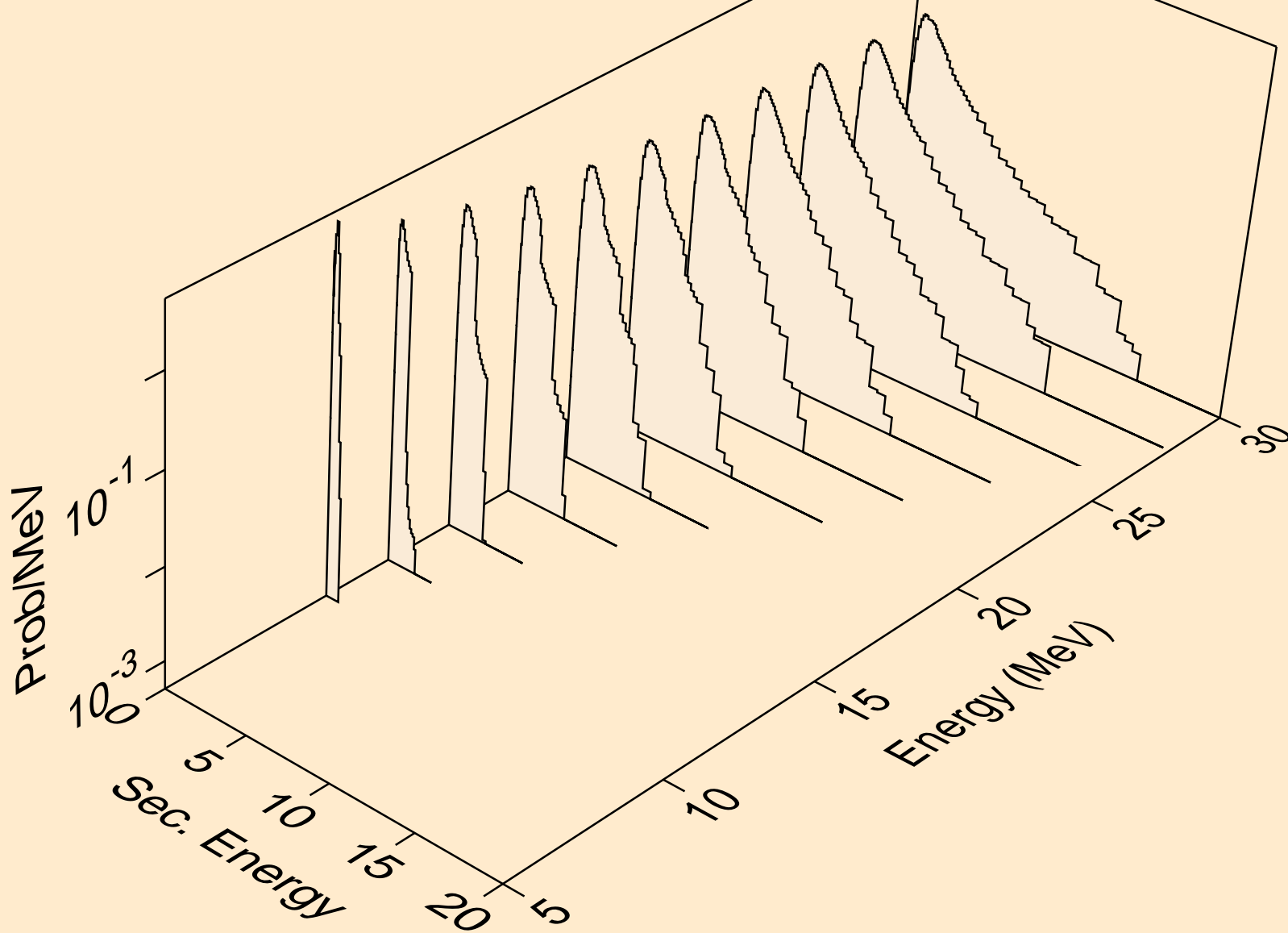
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



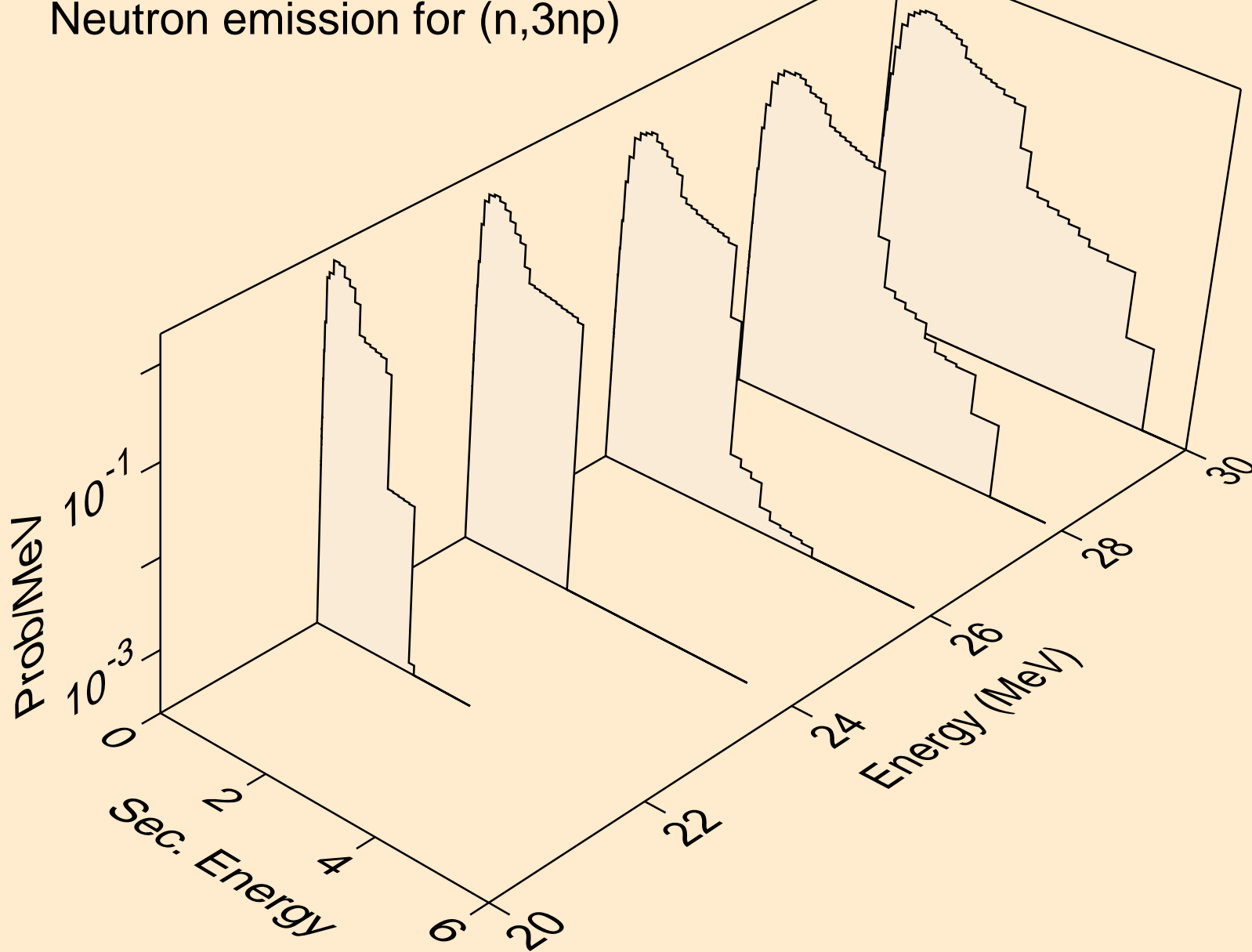
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



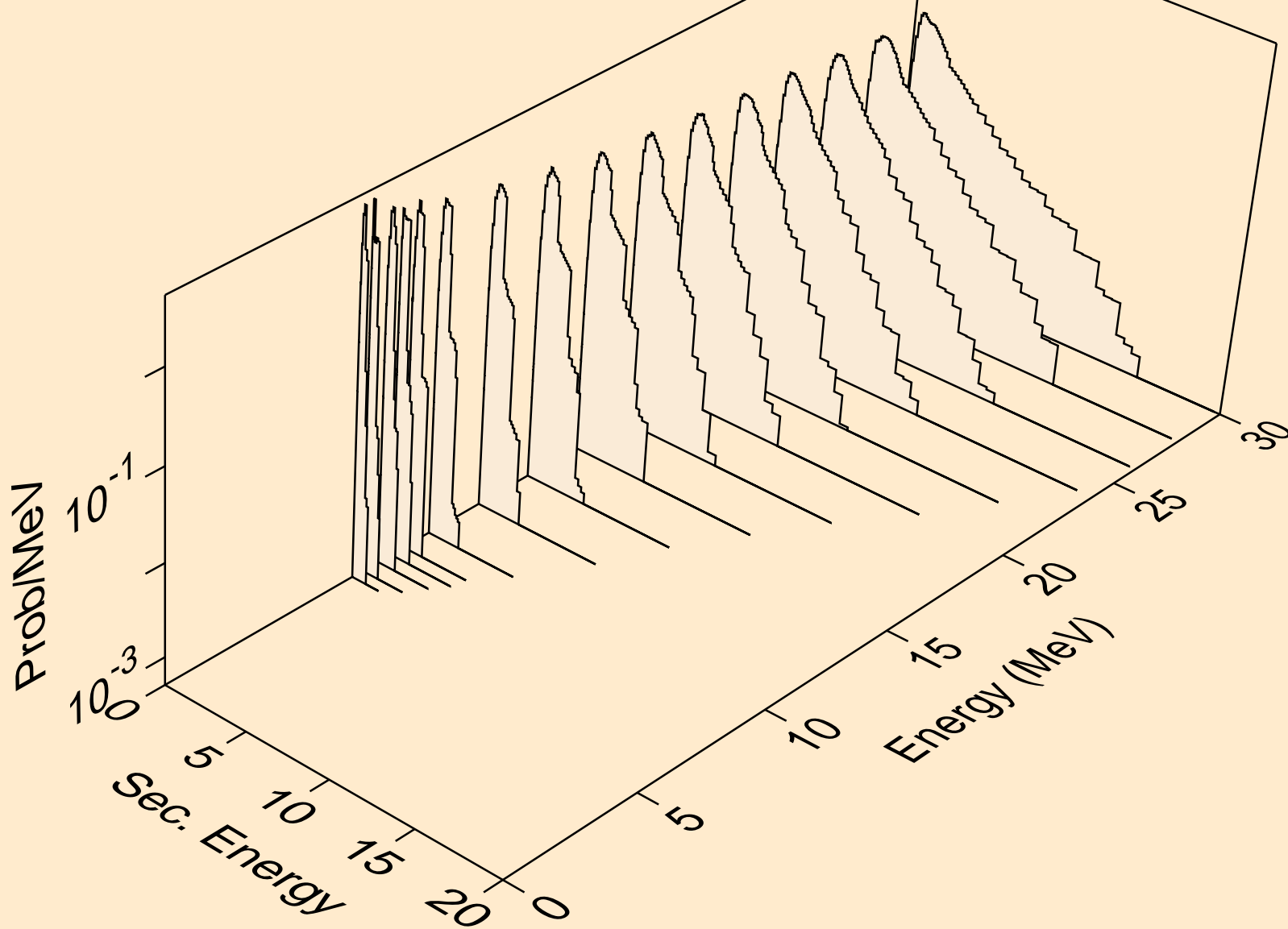
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



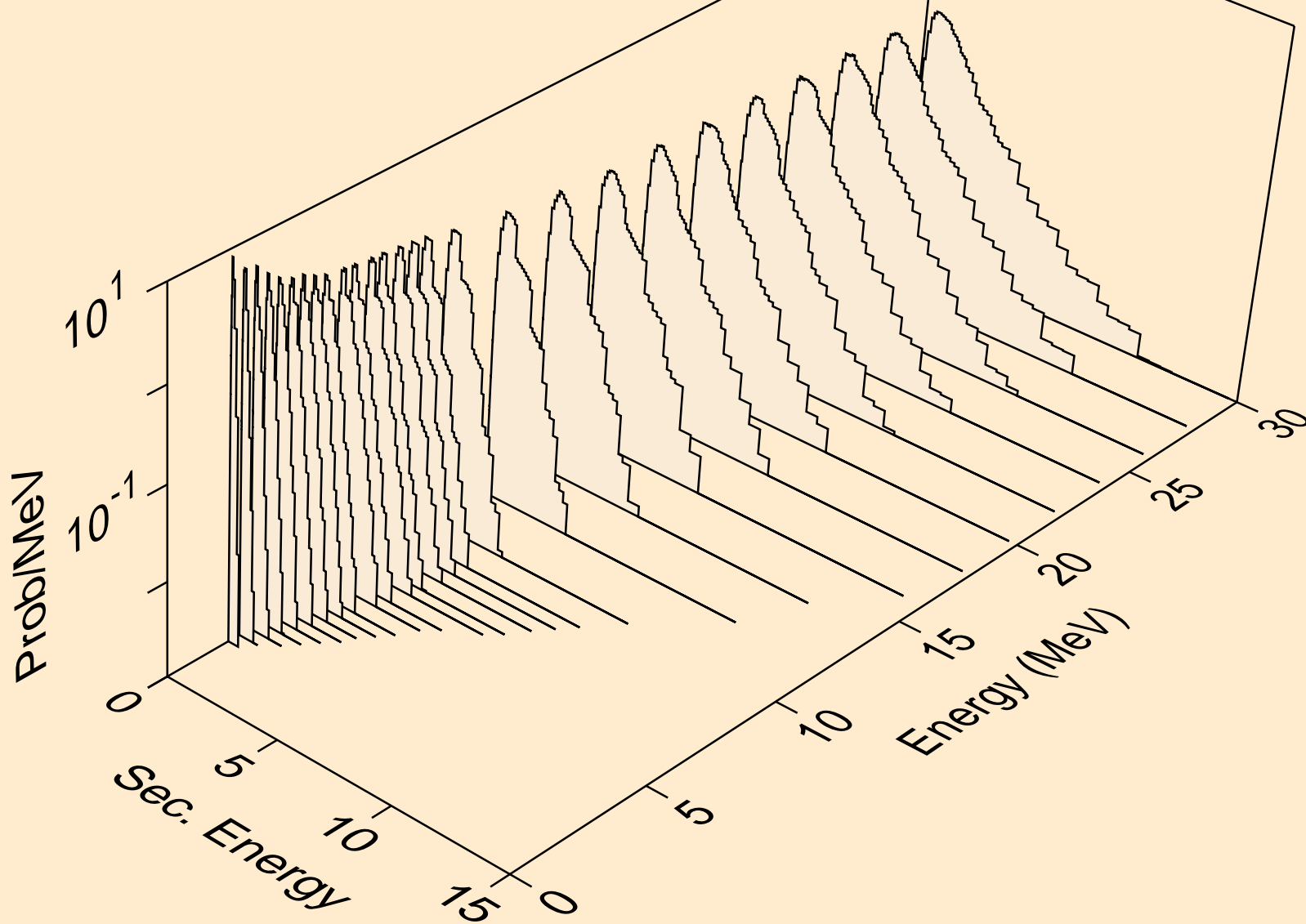
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



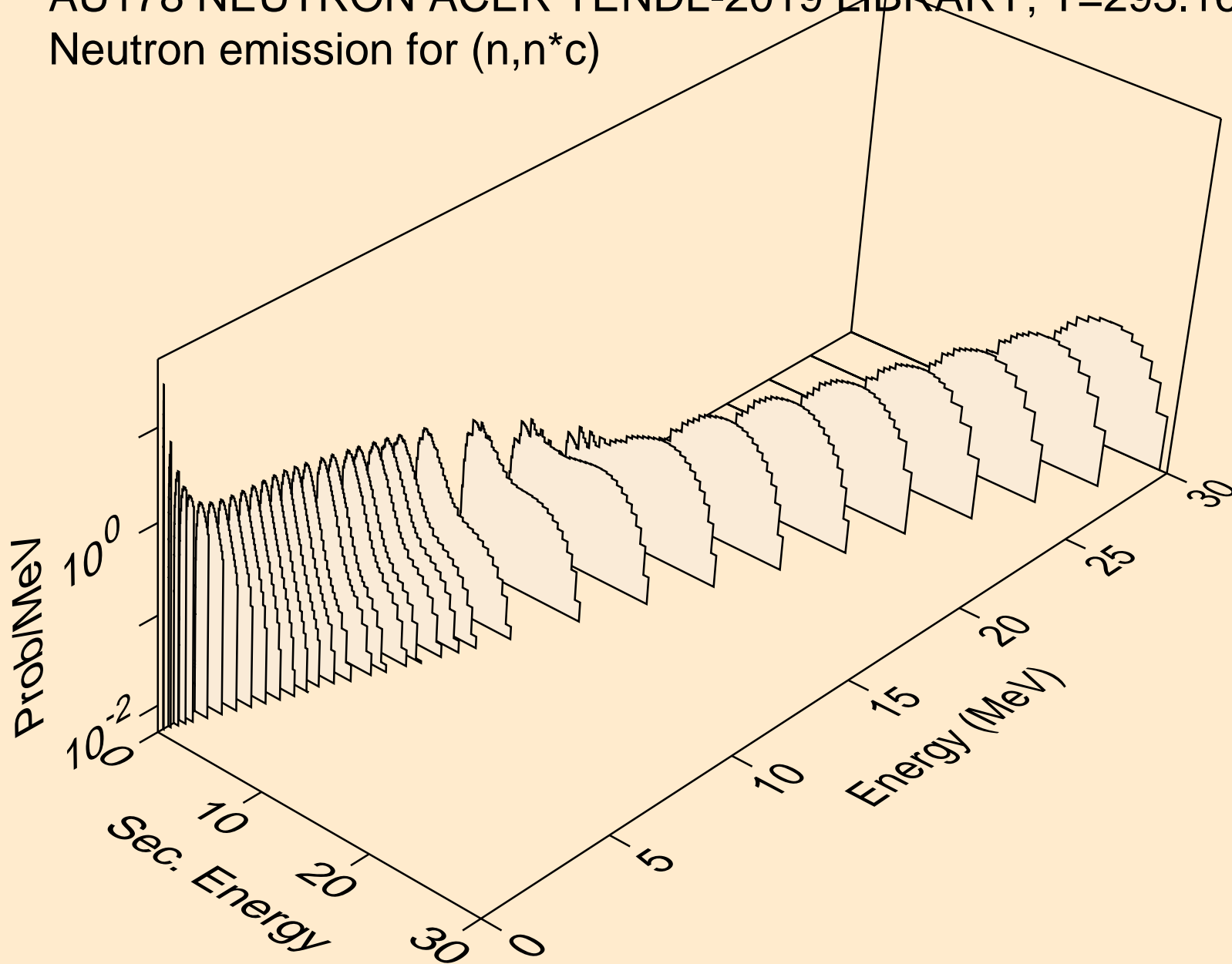
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



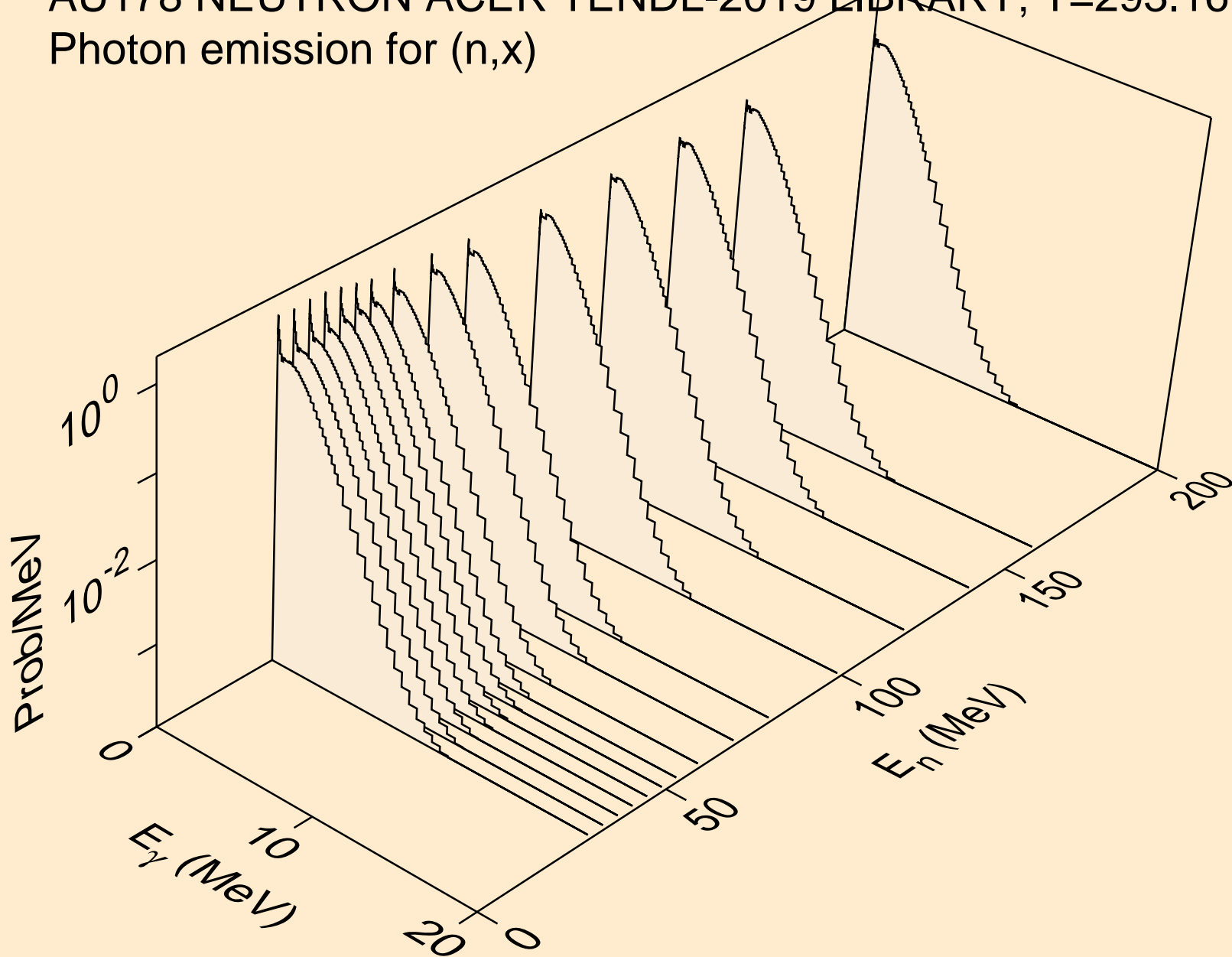
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



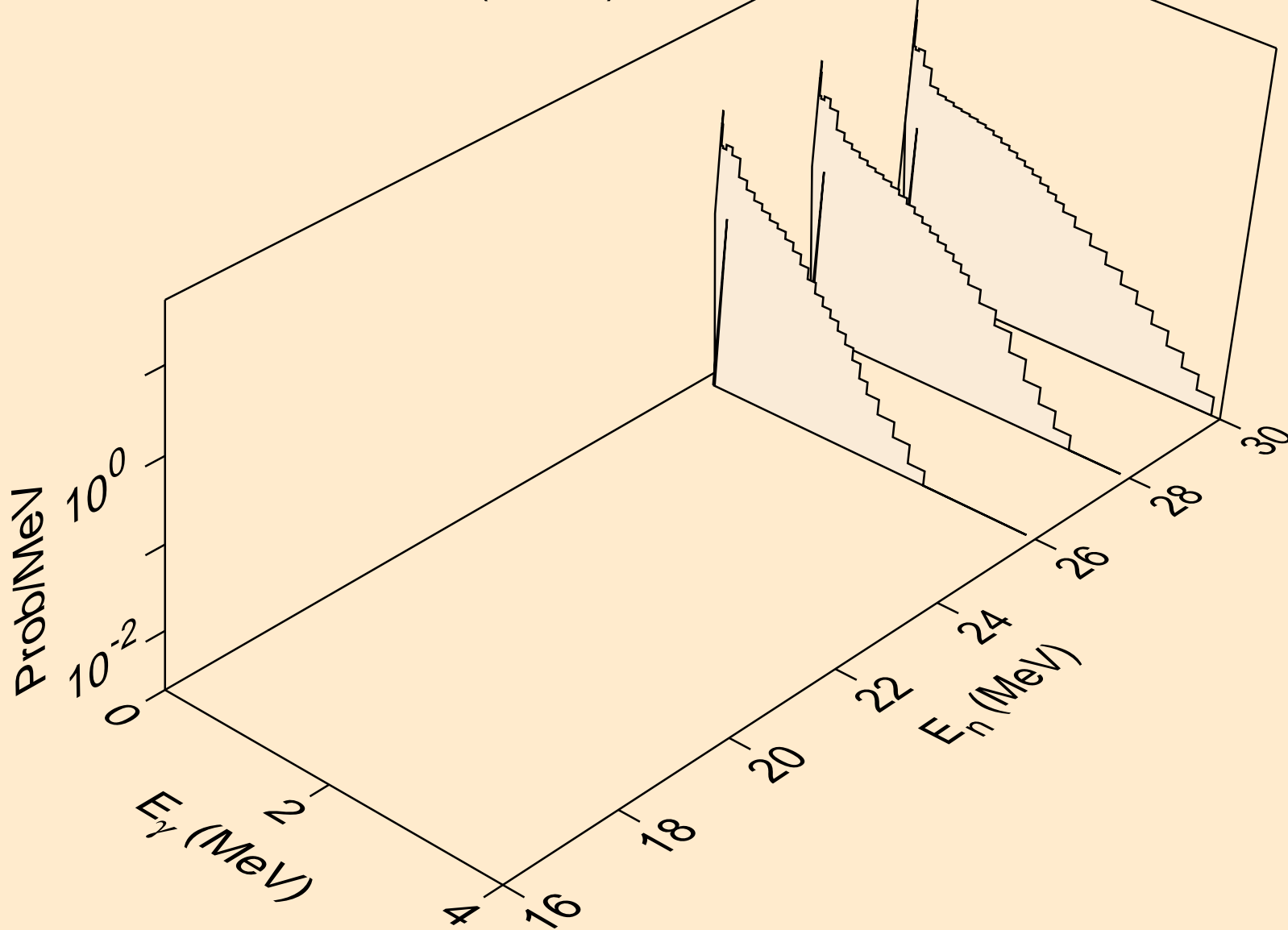
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



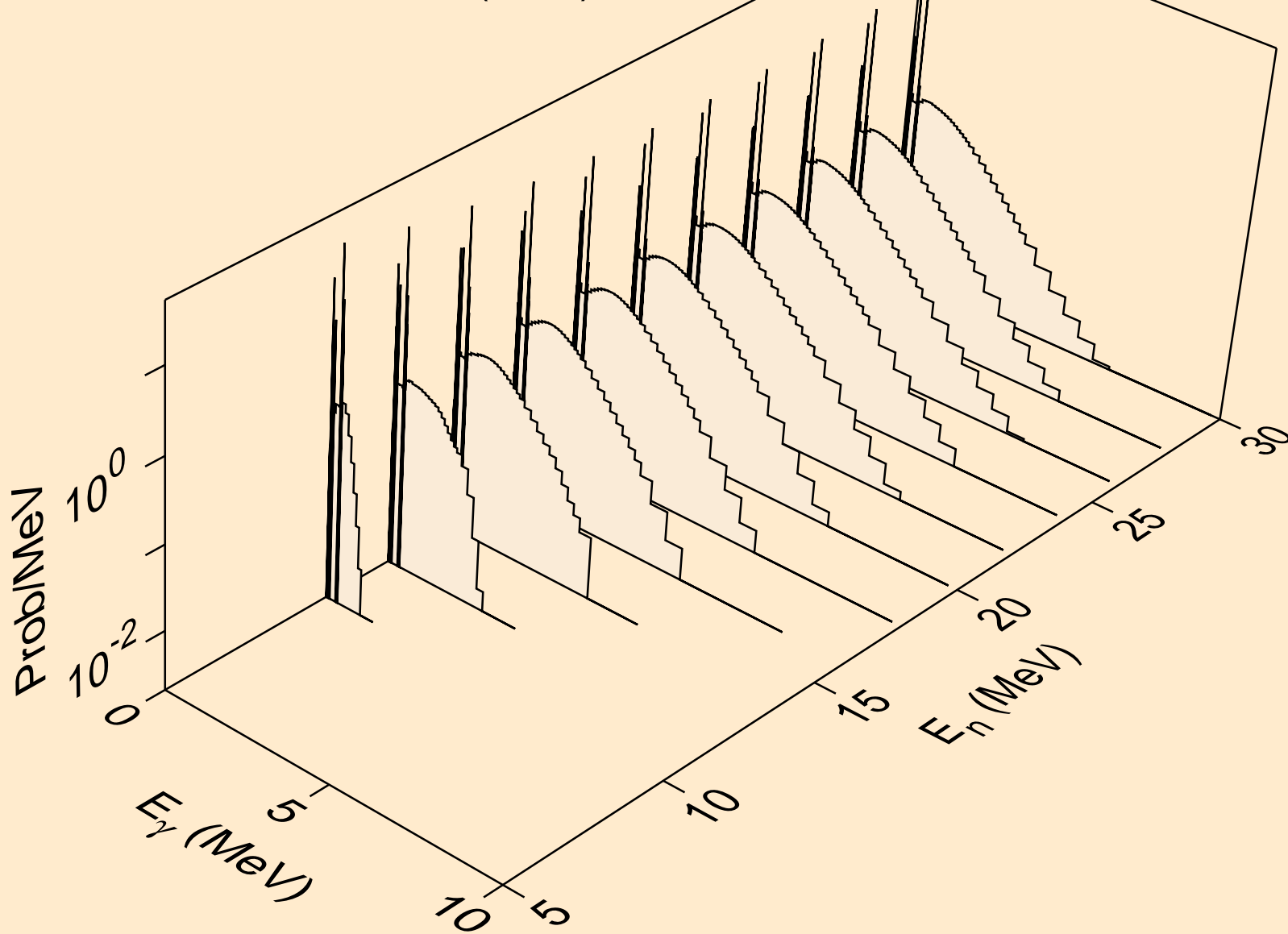
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



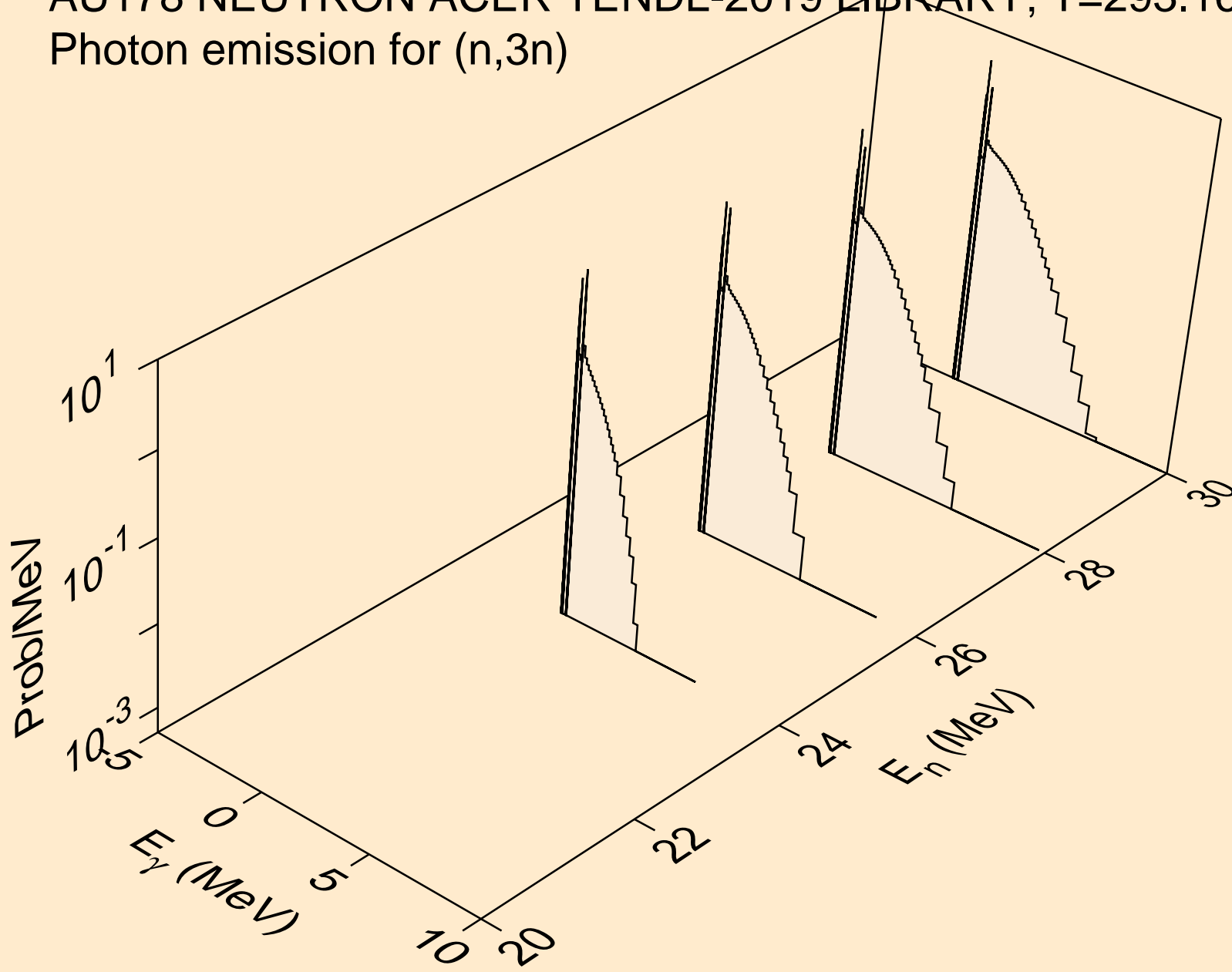
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



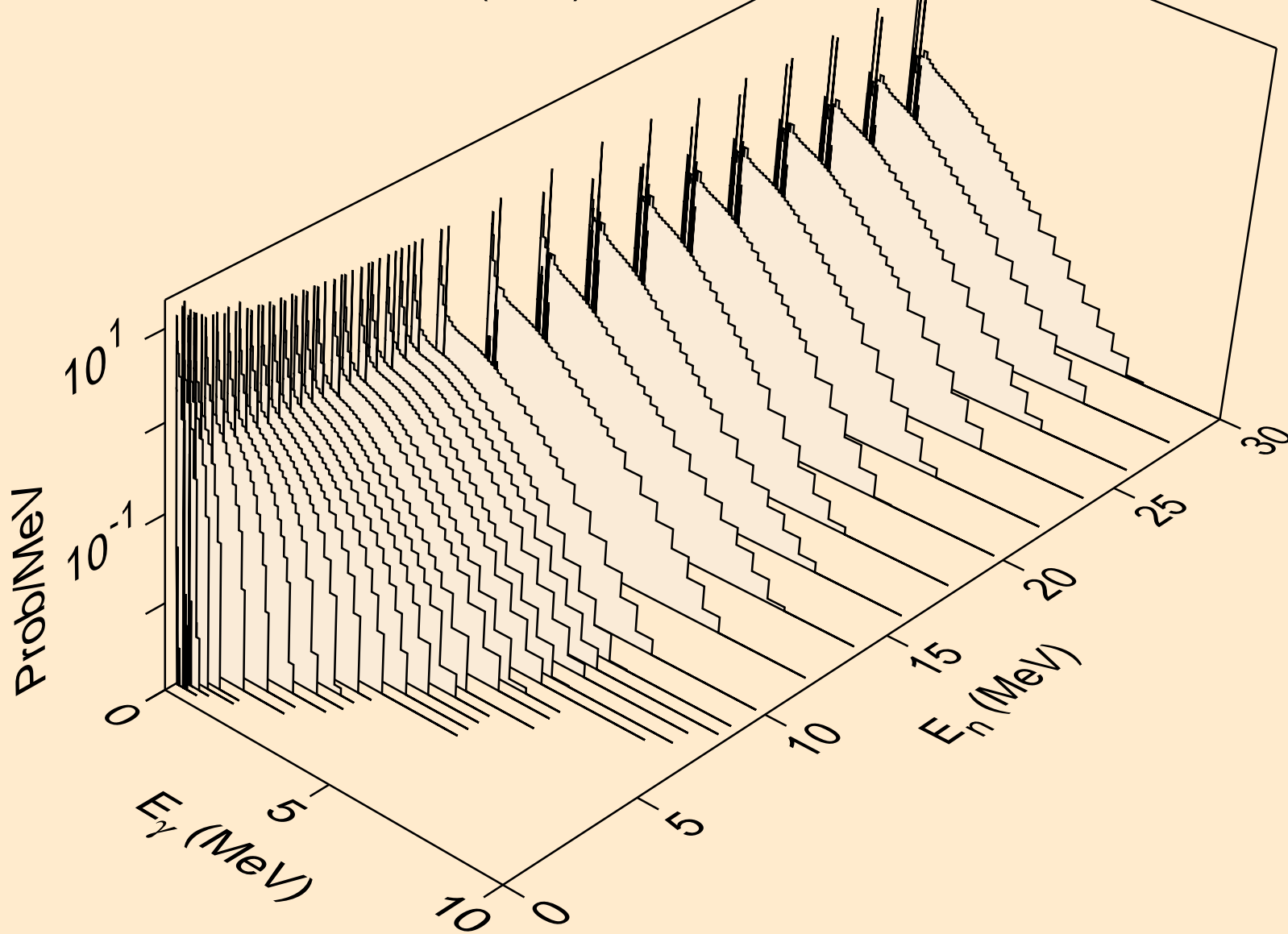
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



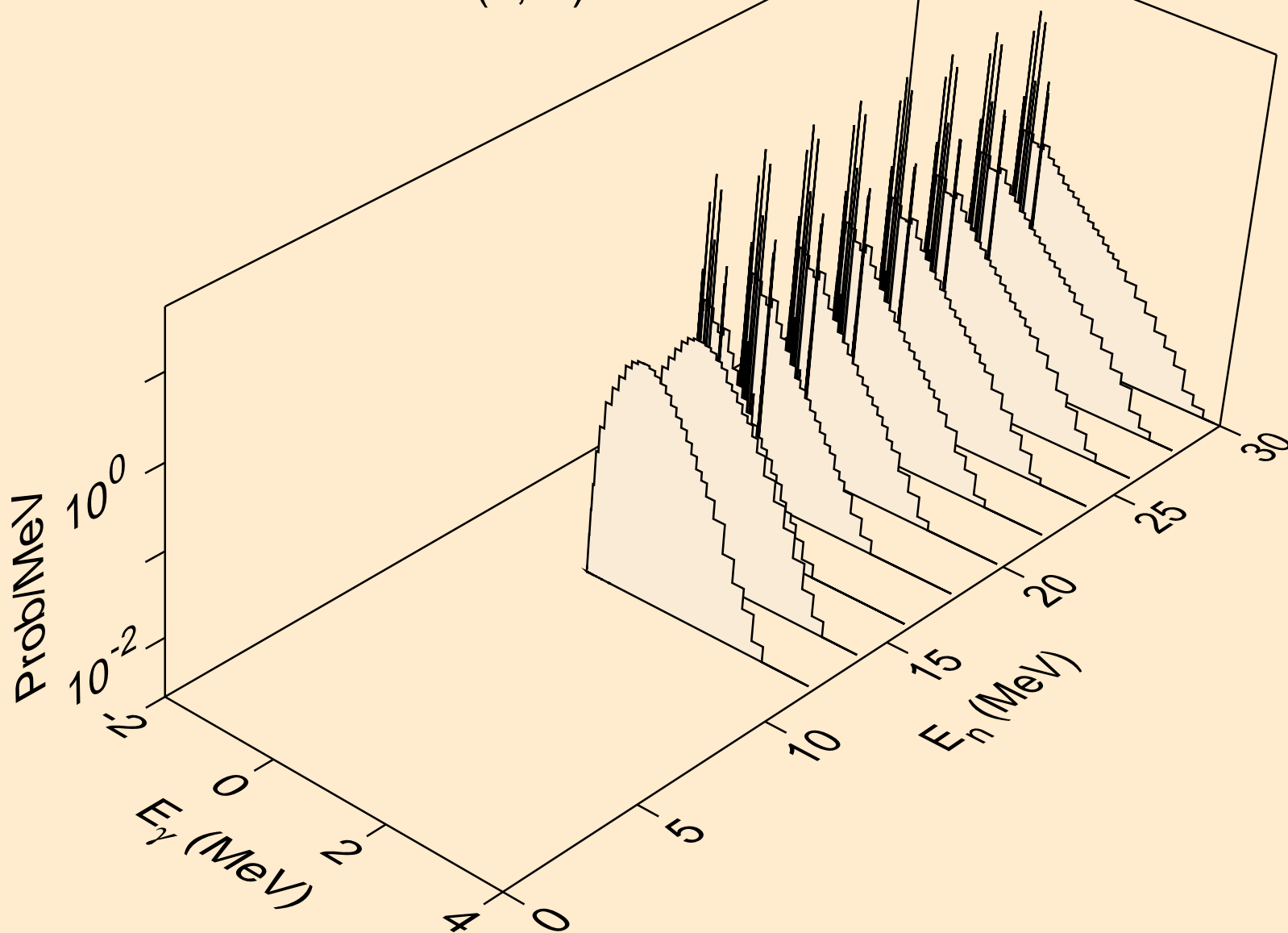
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



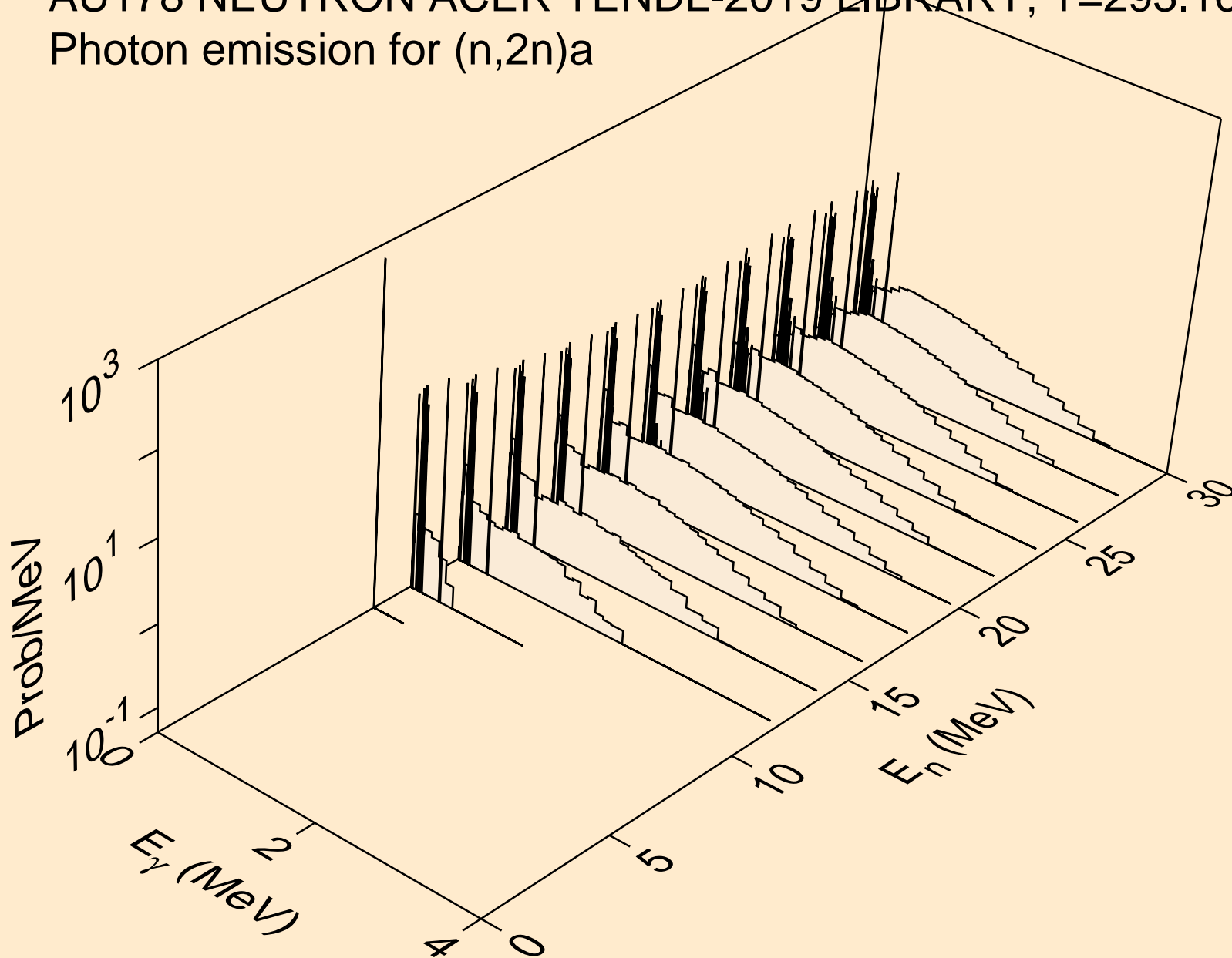
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



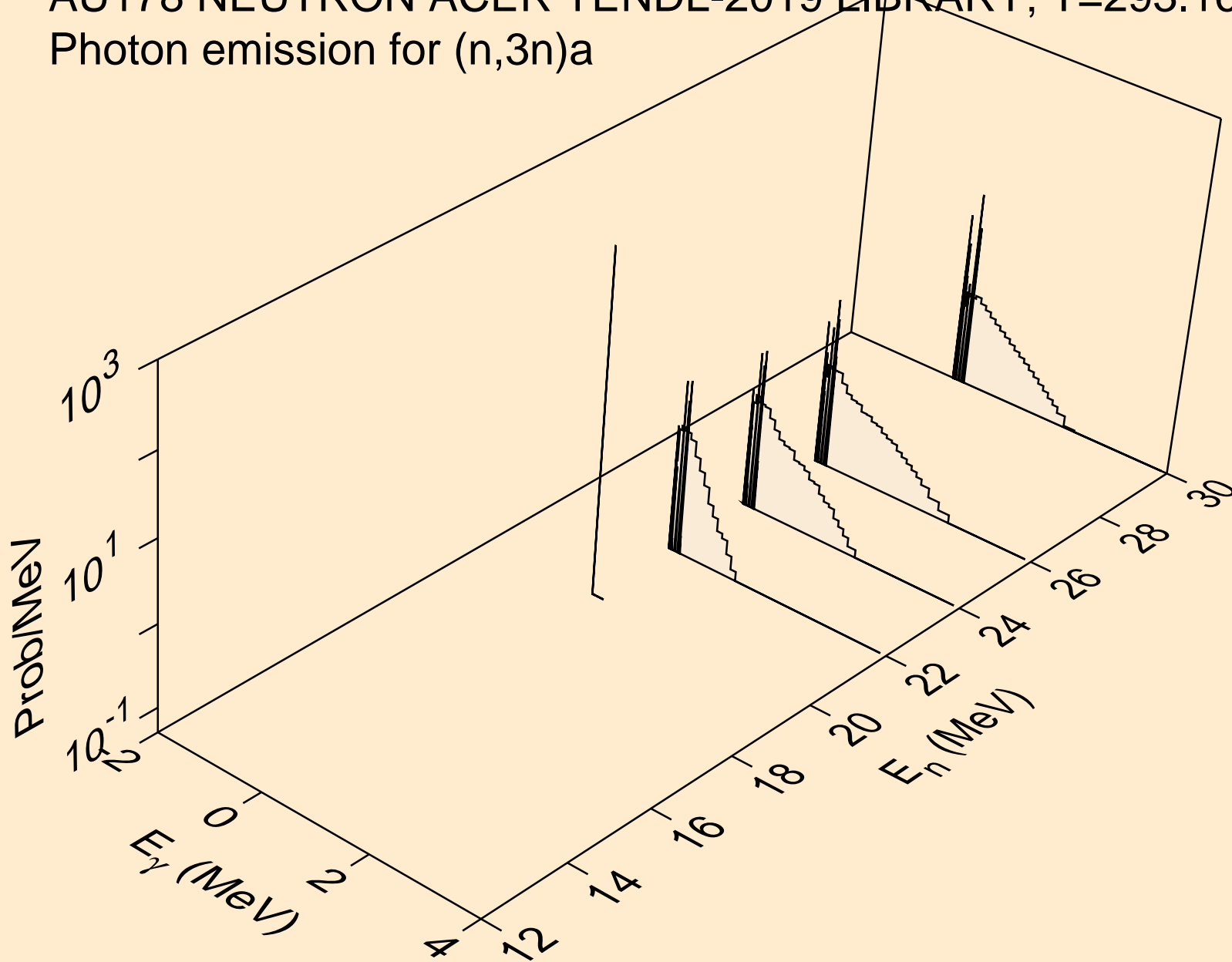
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)3a



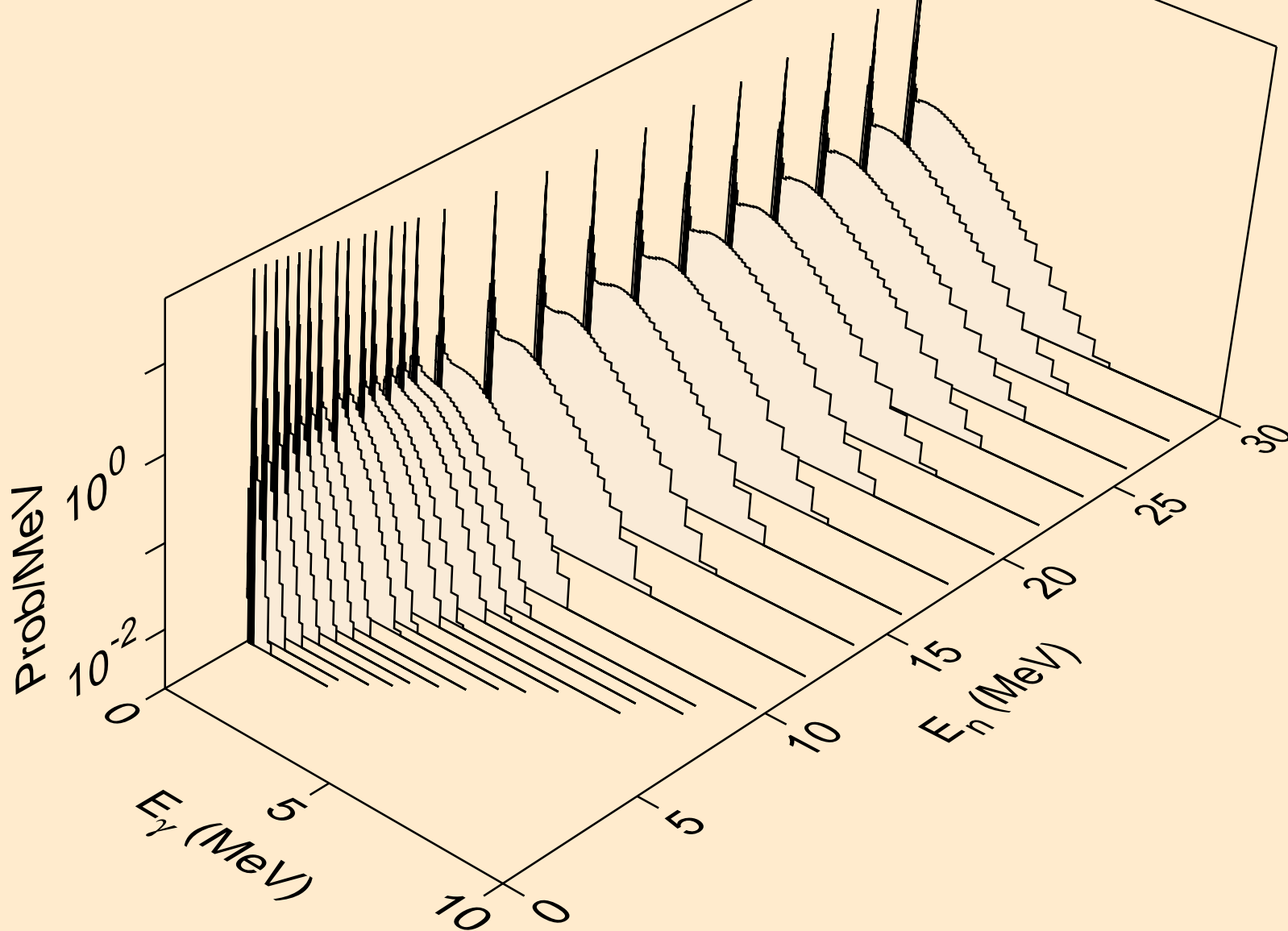
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n) α



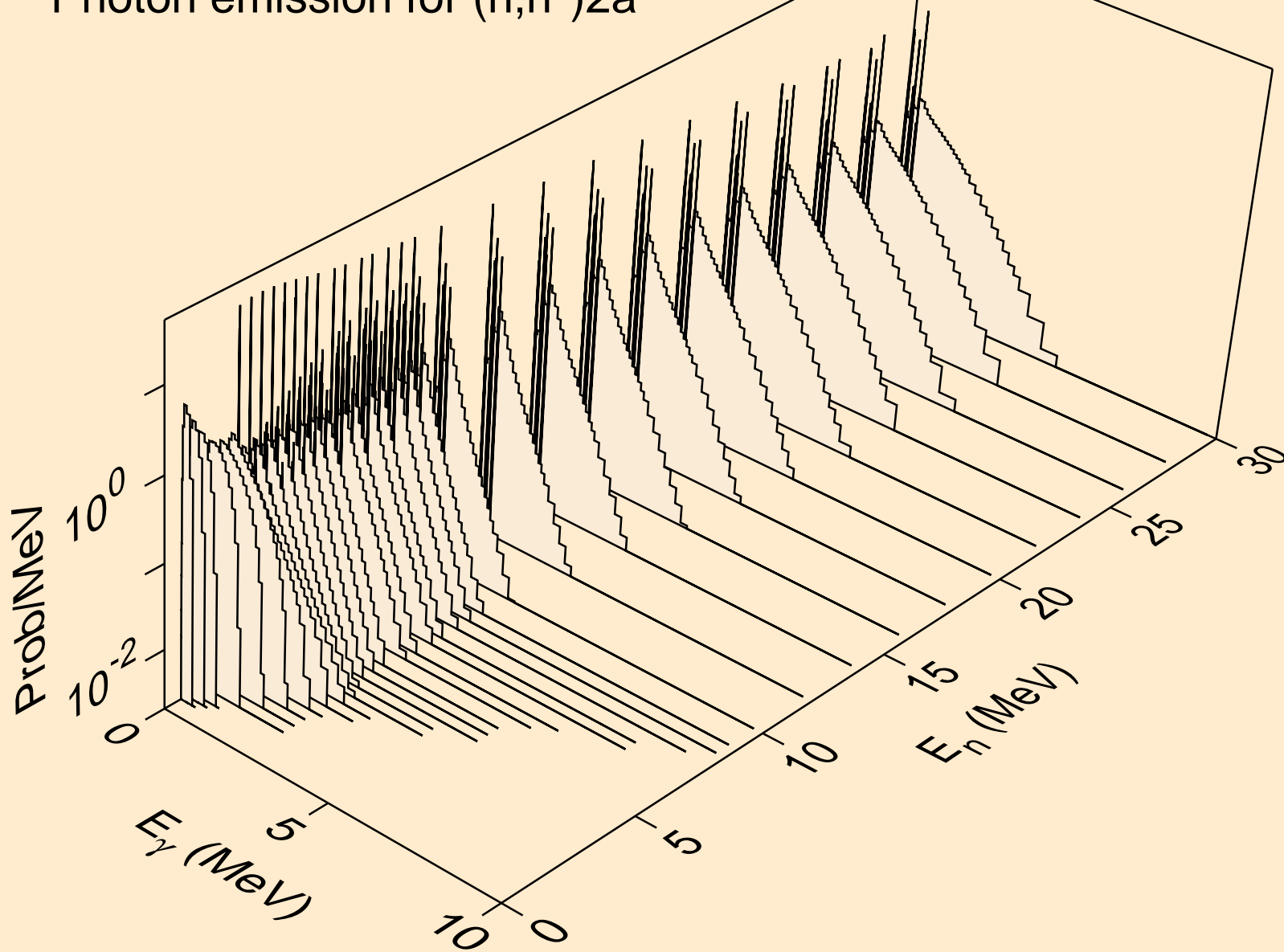
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



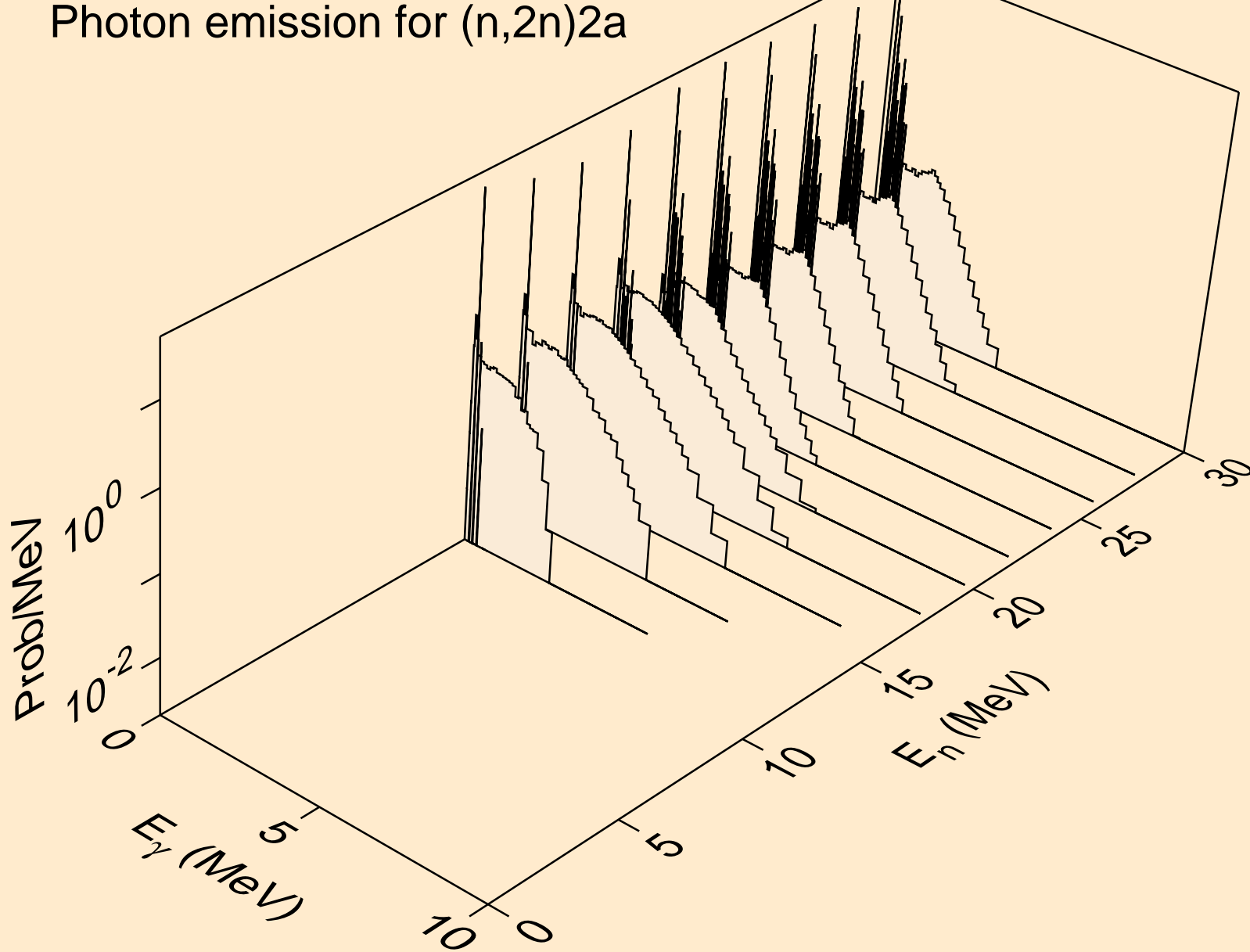
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



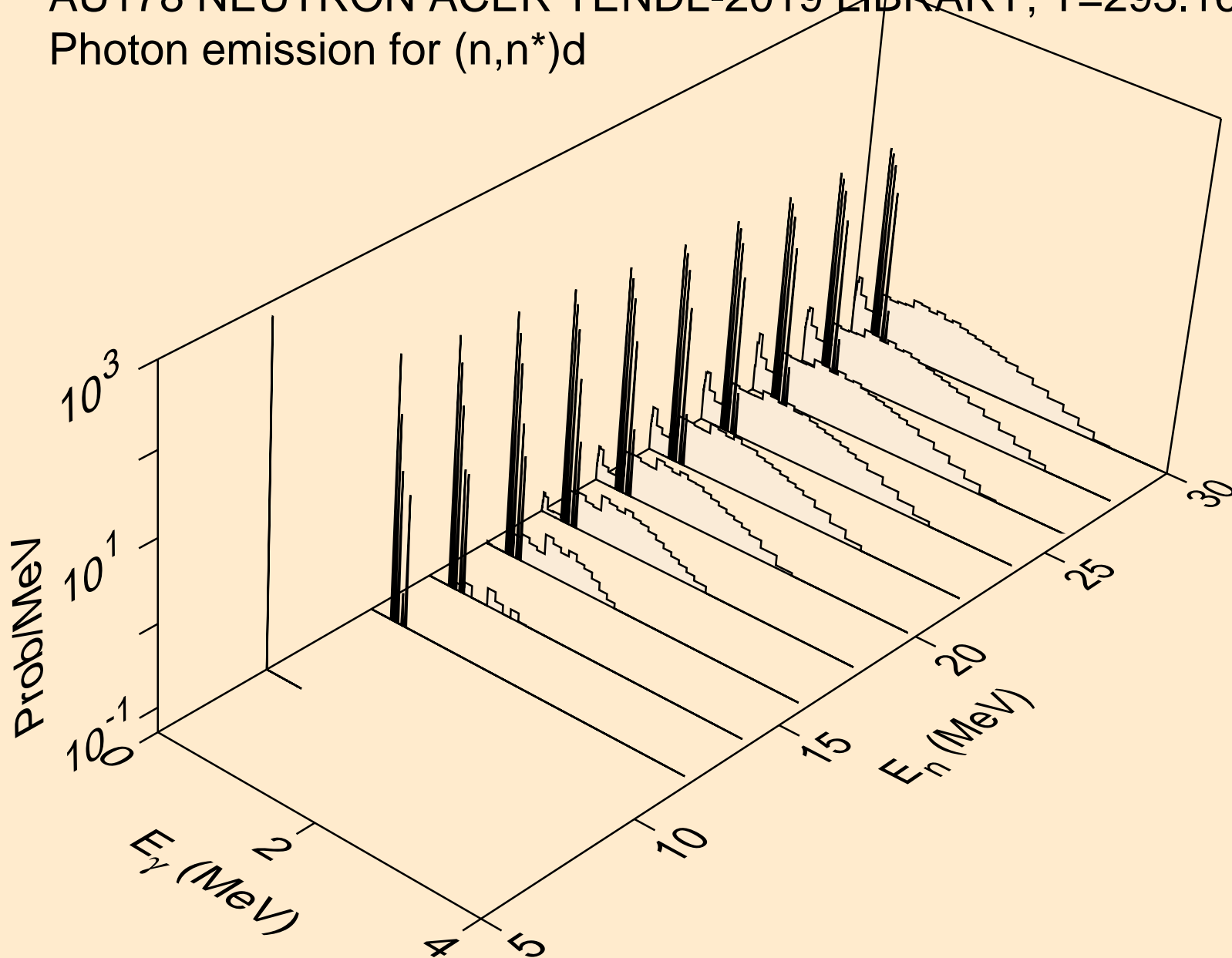
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



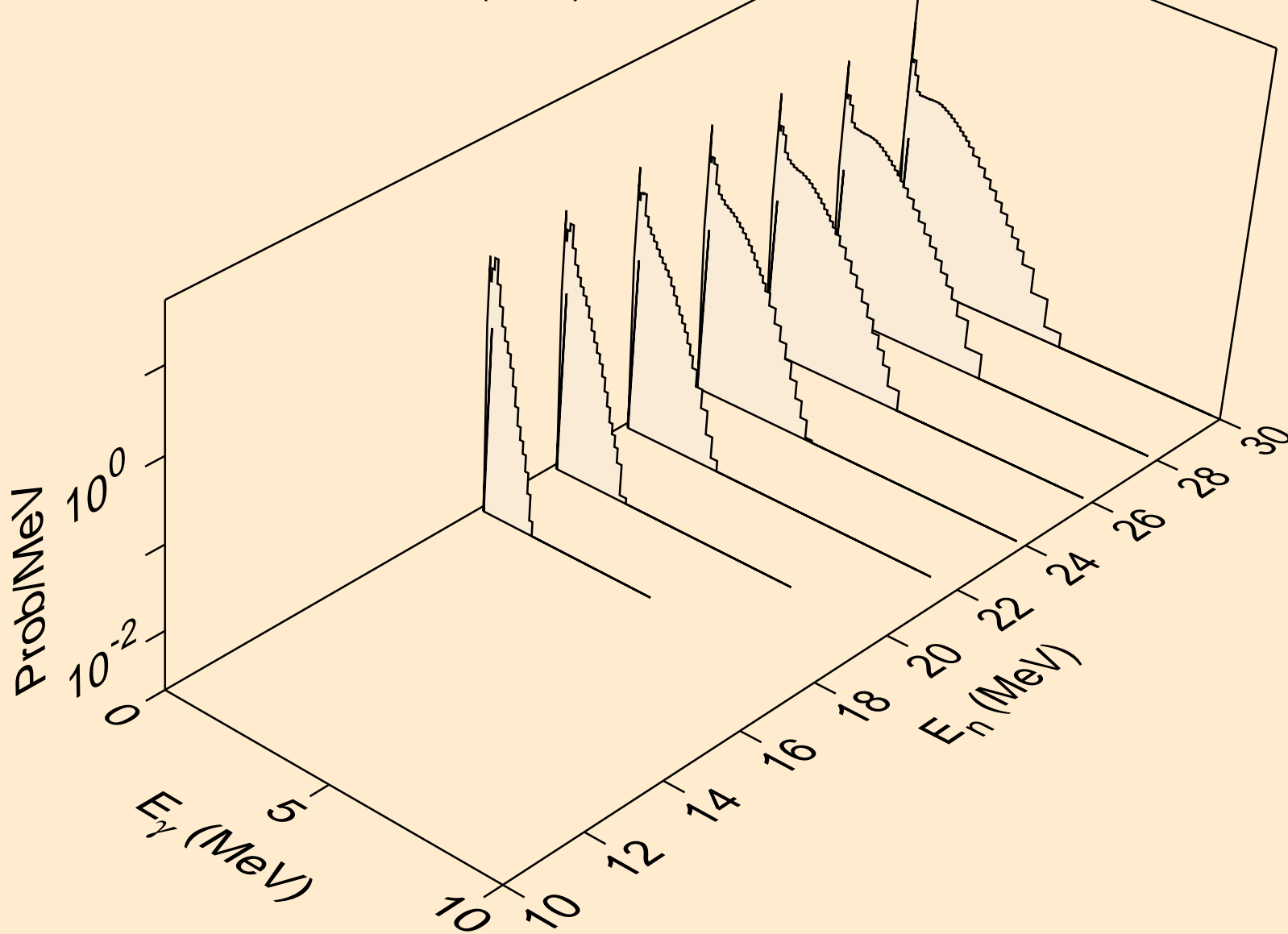
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



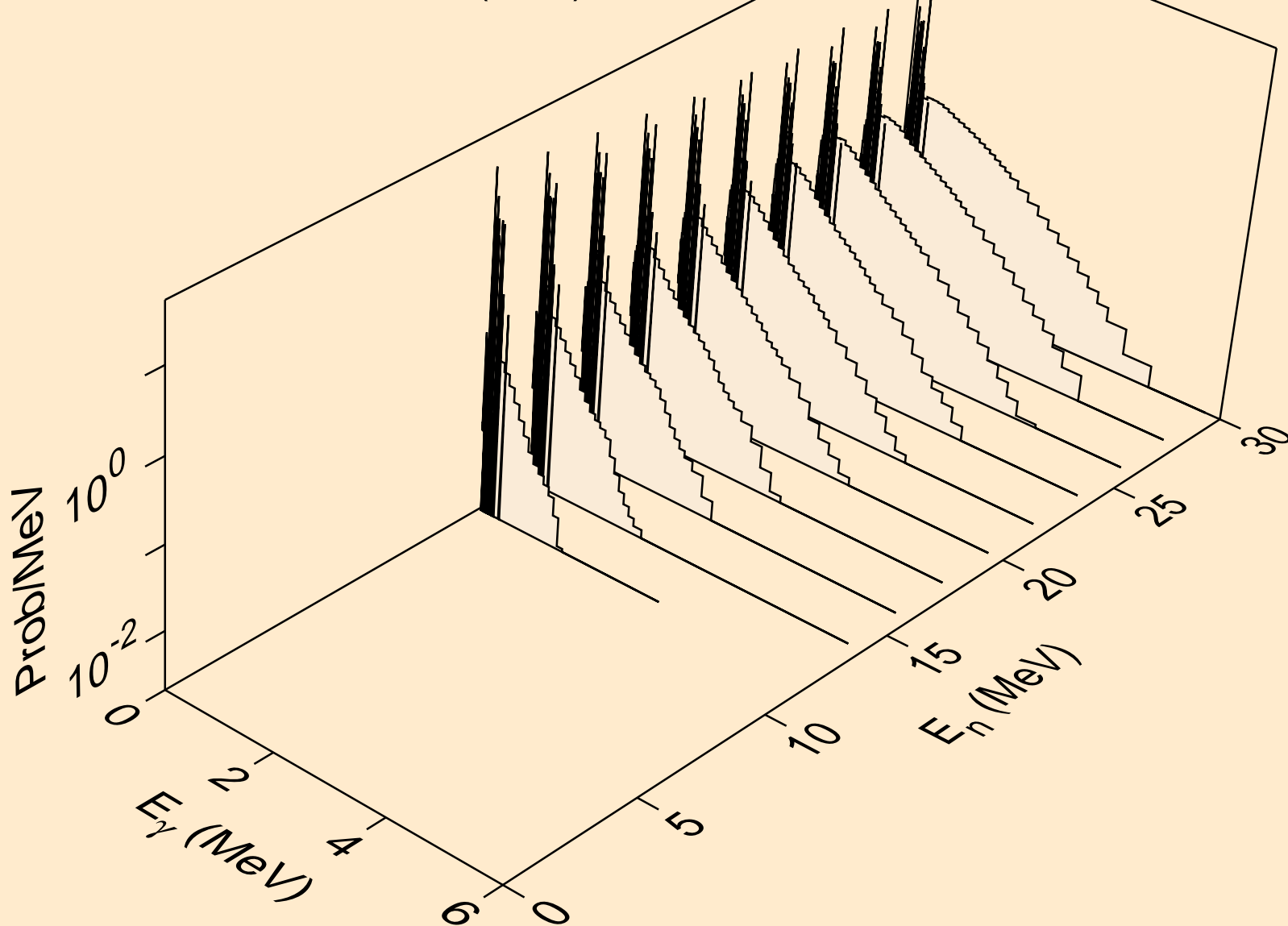
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



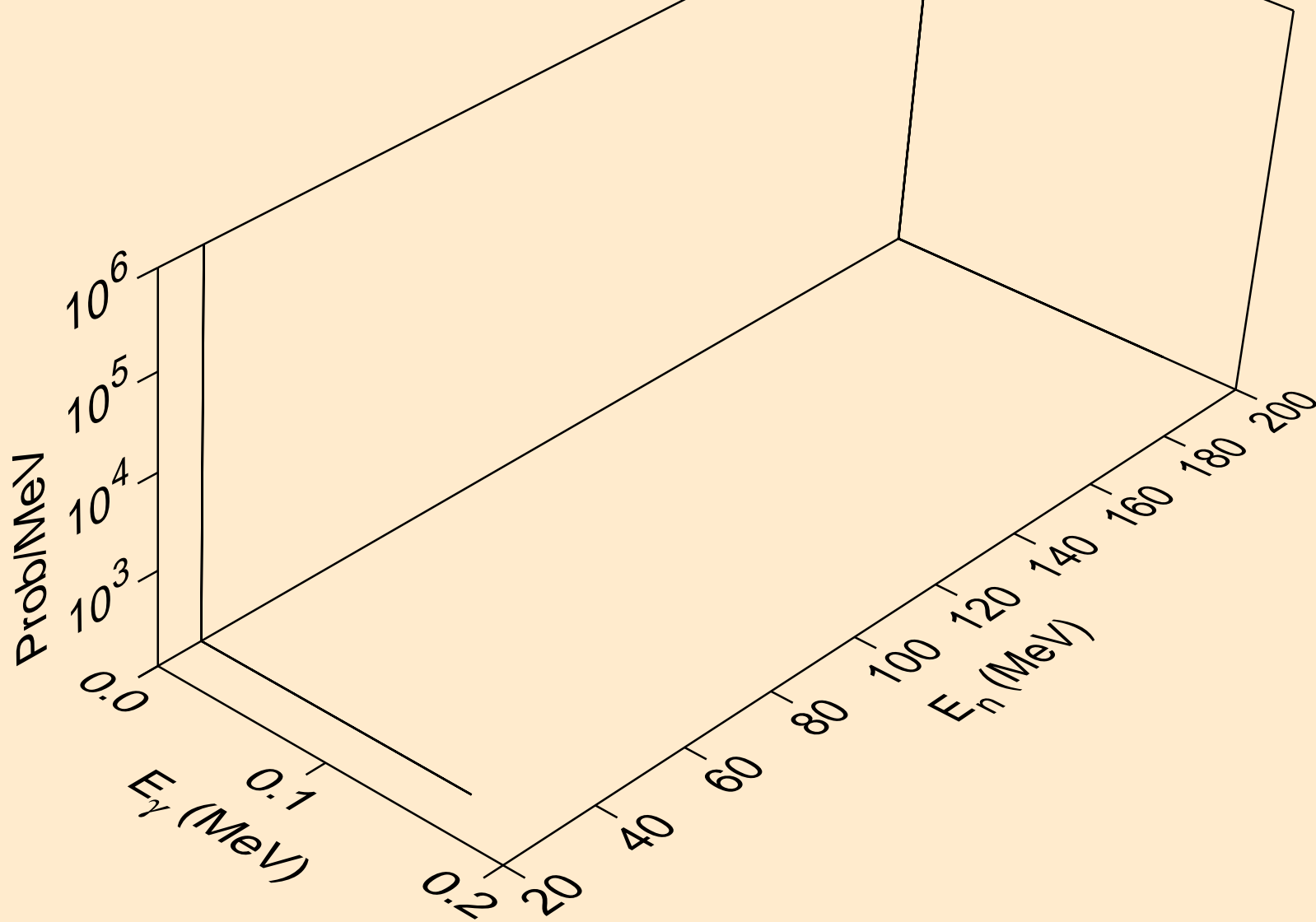
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



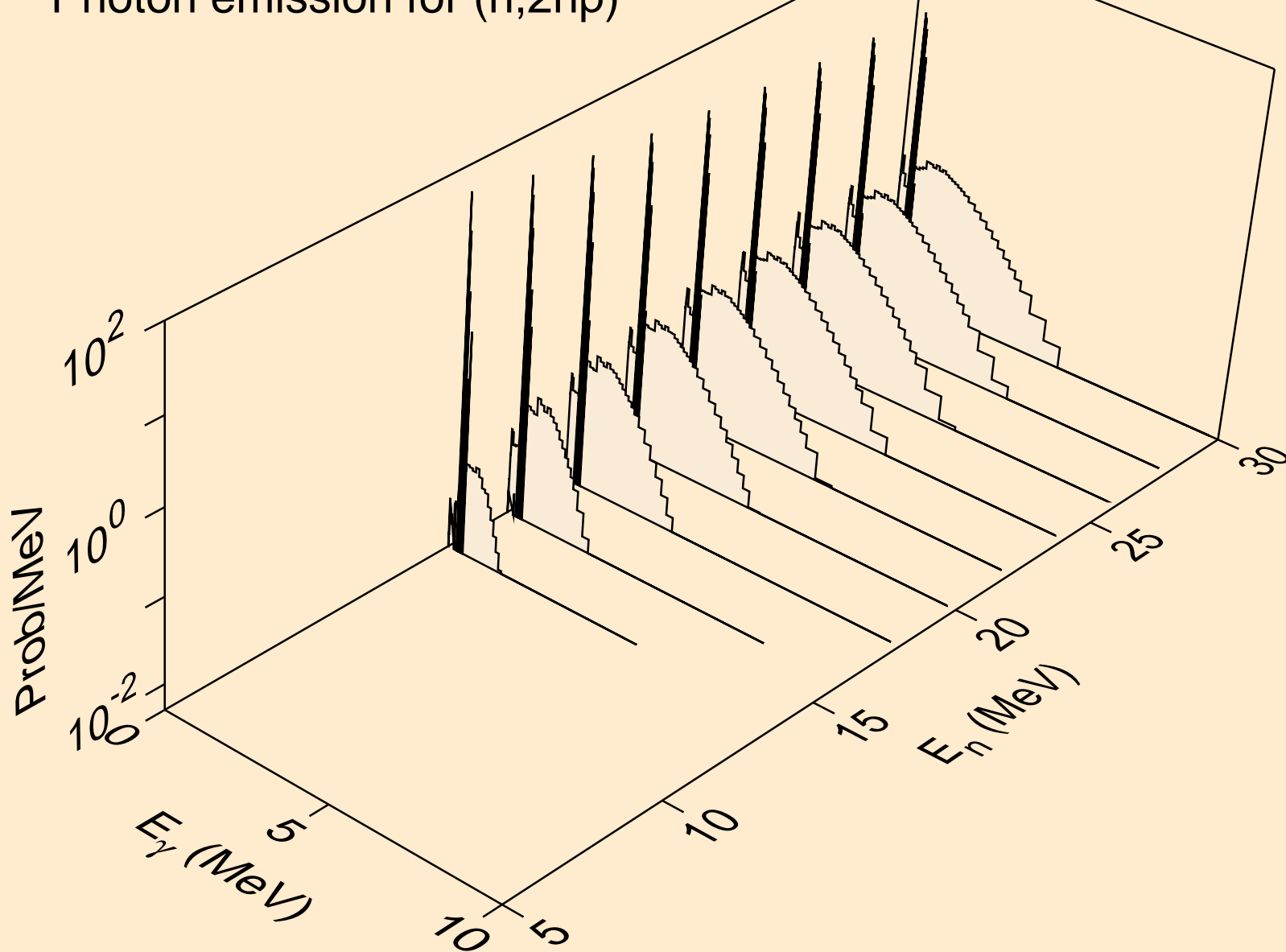
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



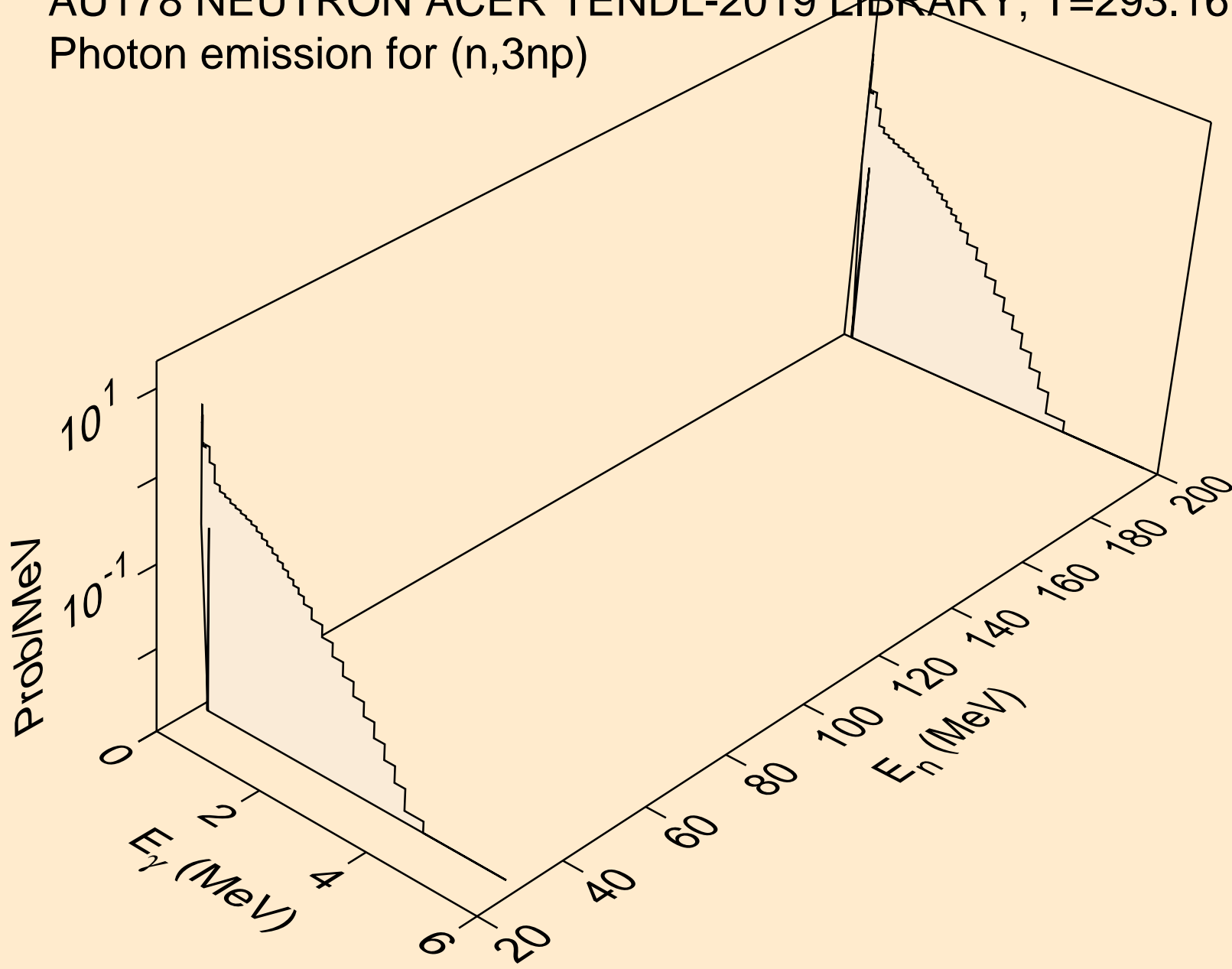
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



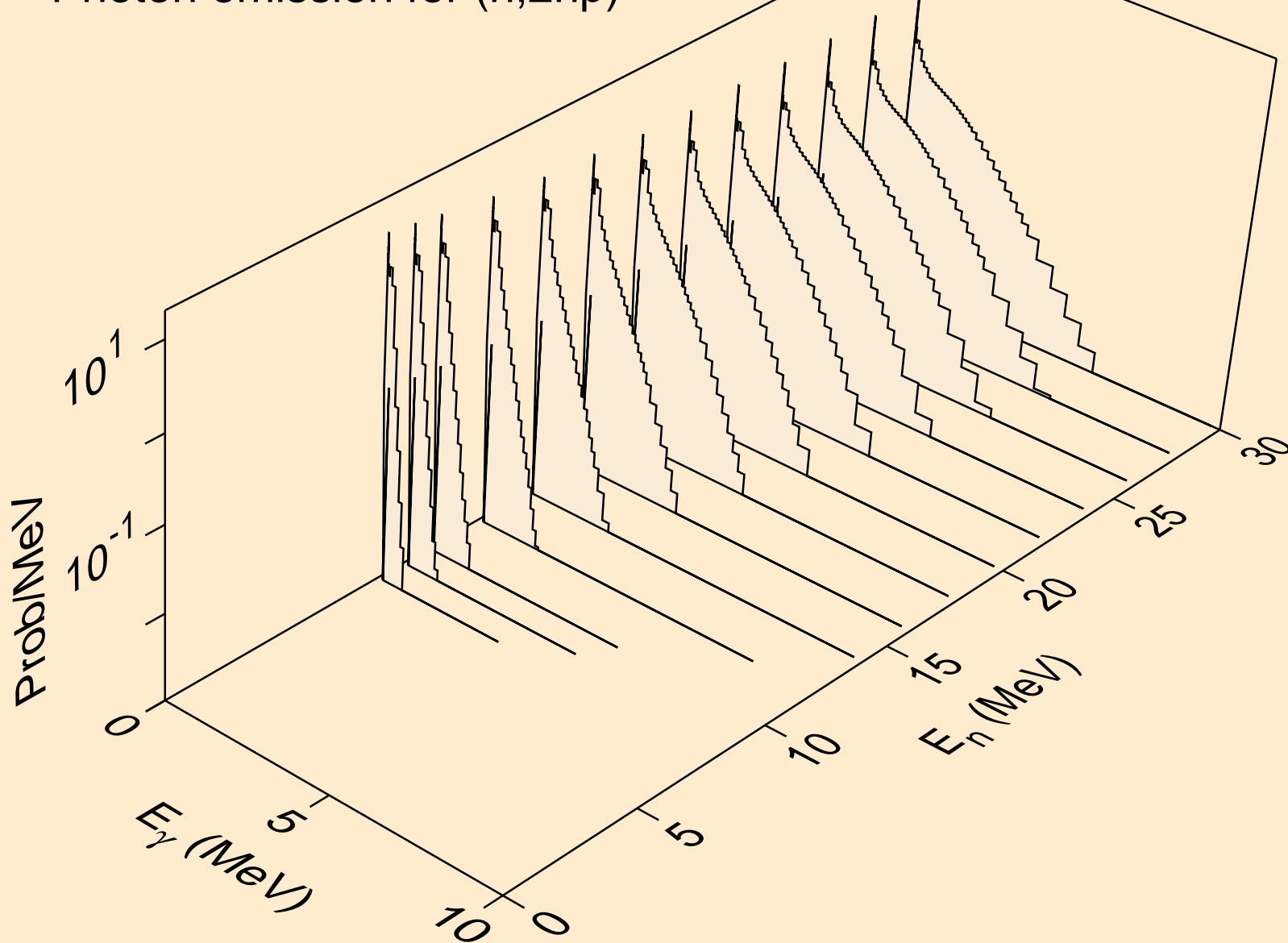
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



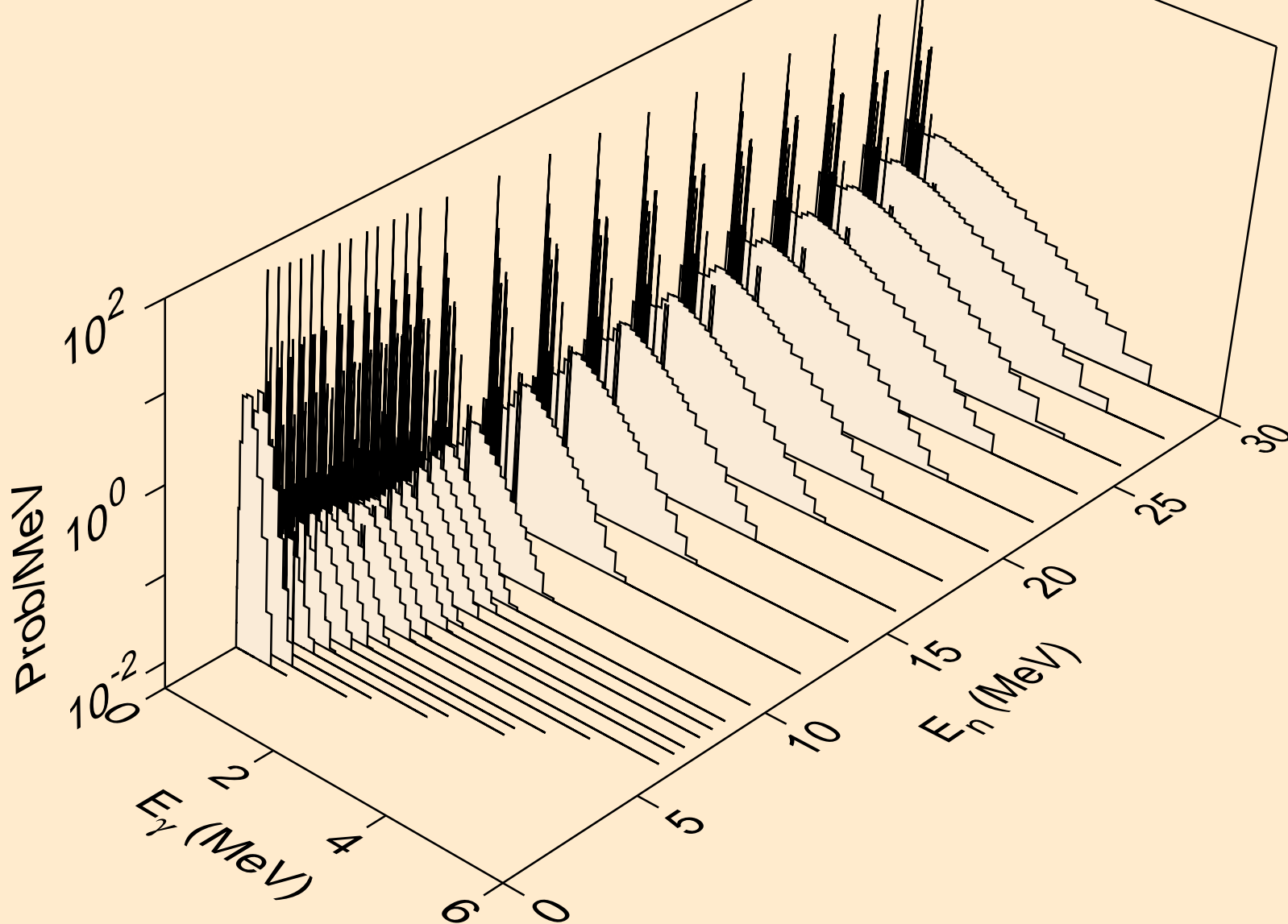
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



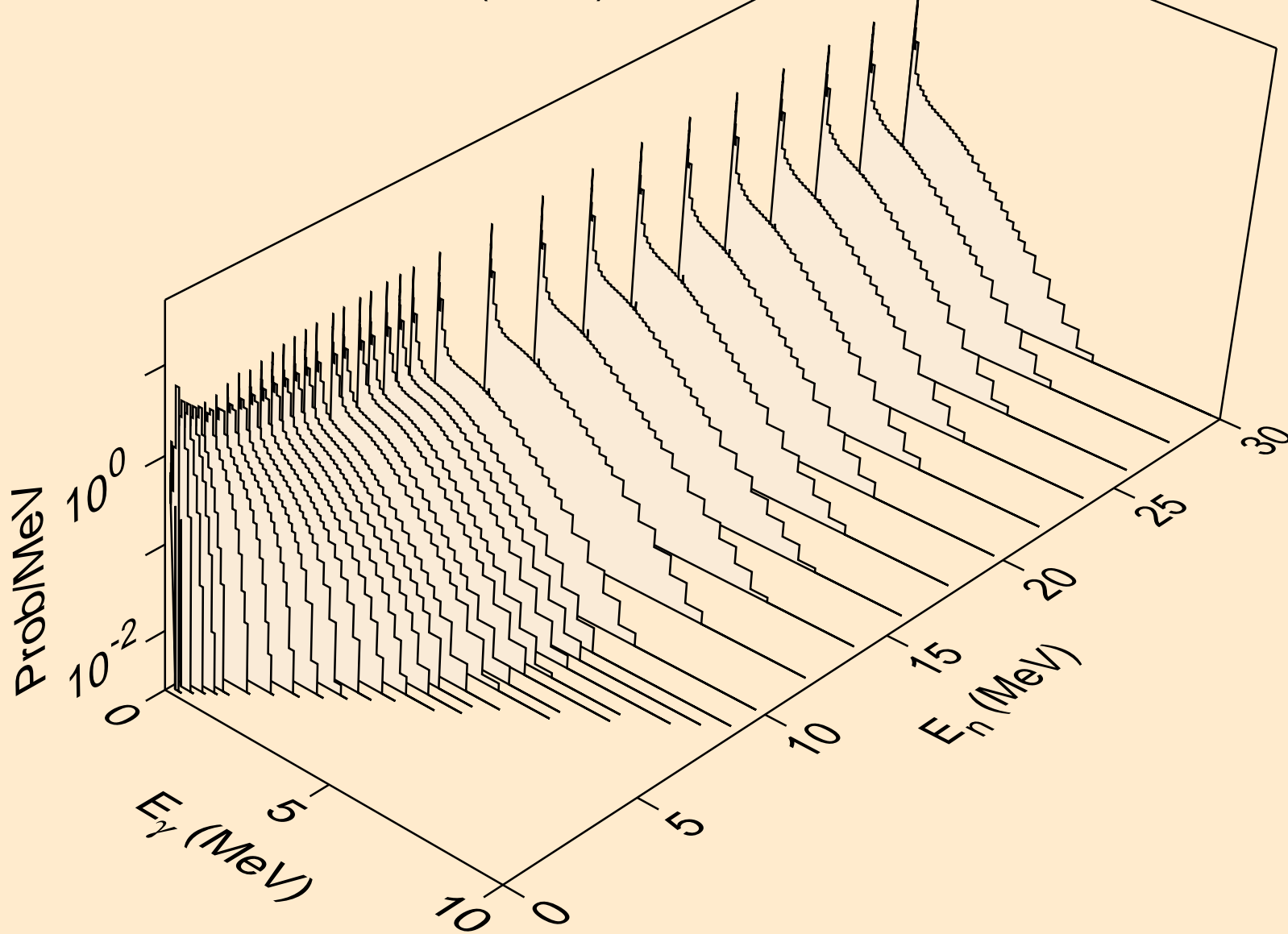
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



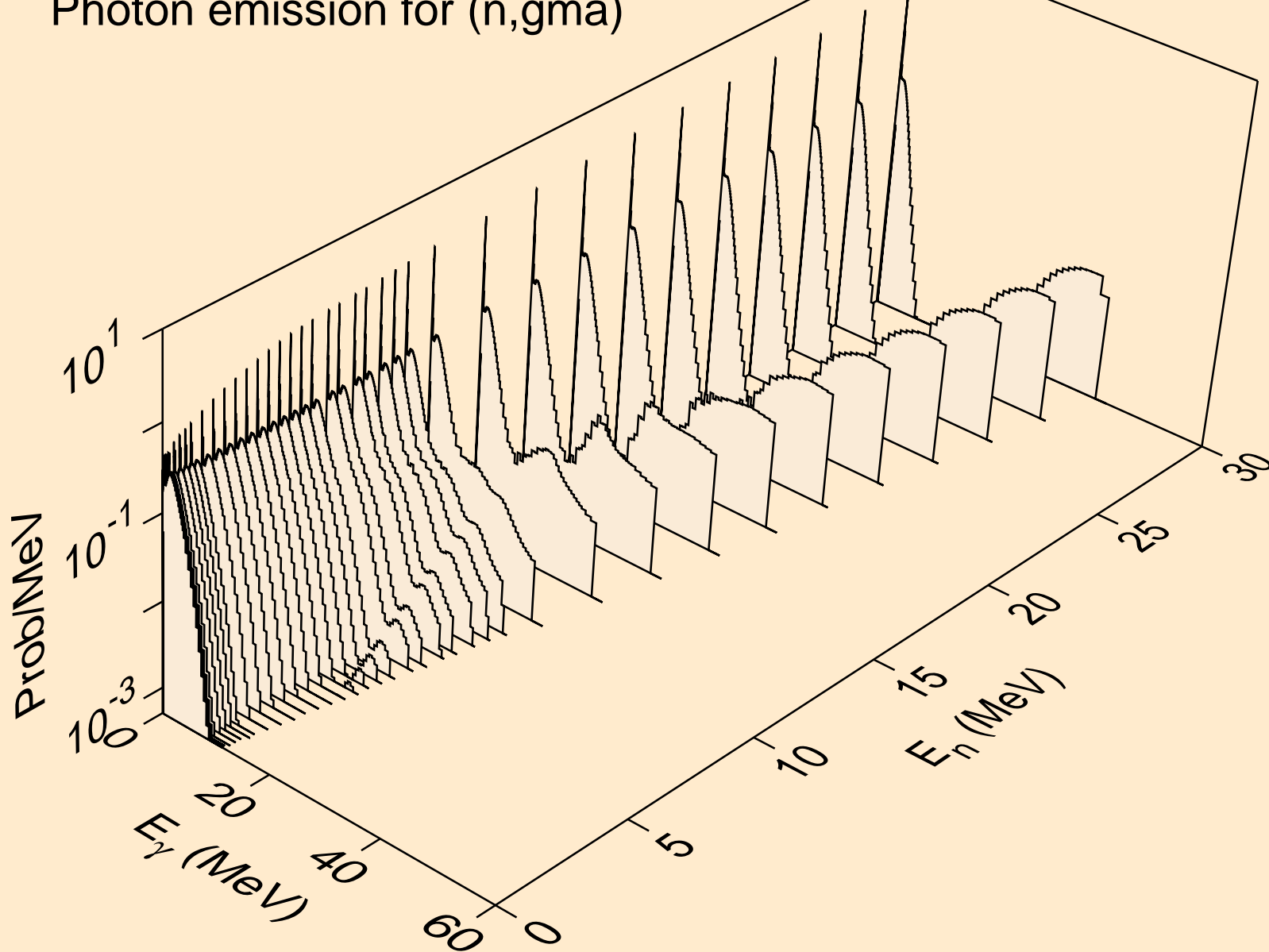
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



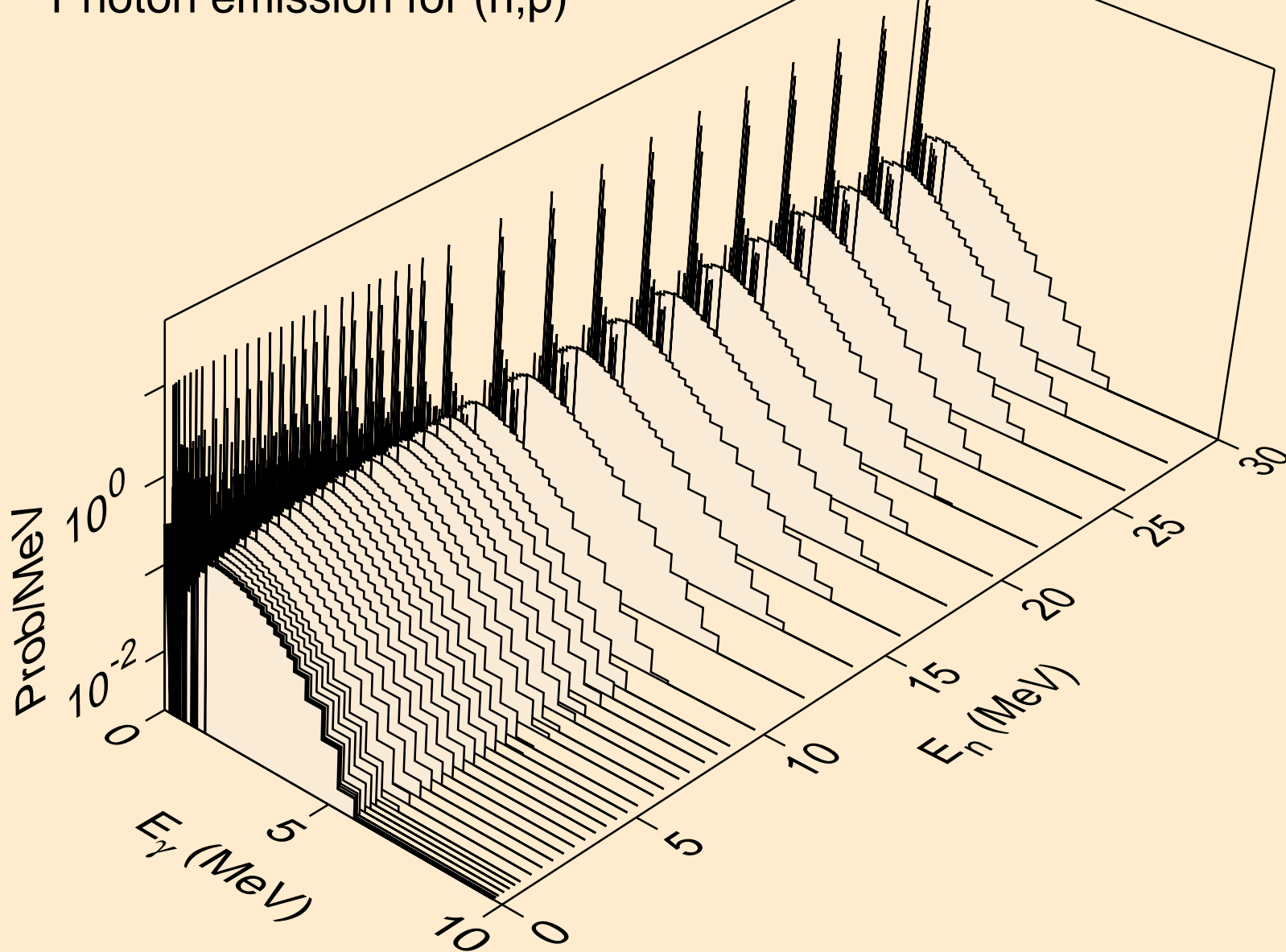
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



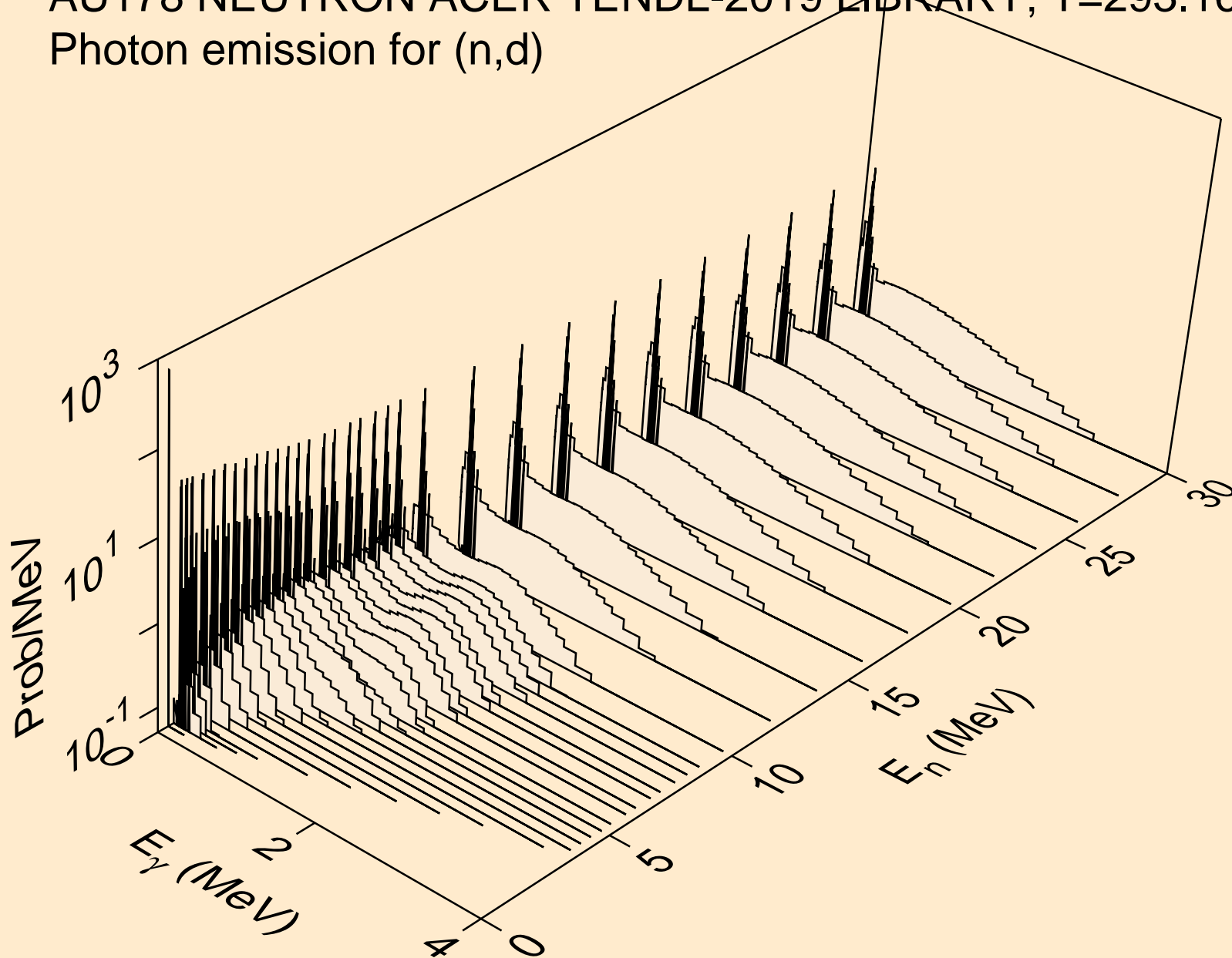
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



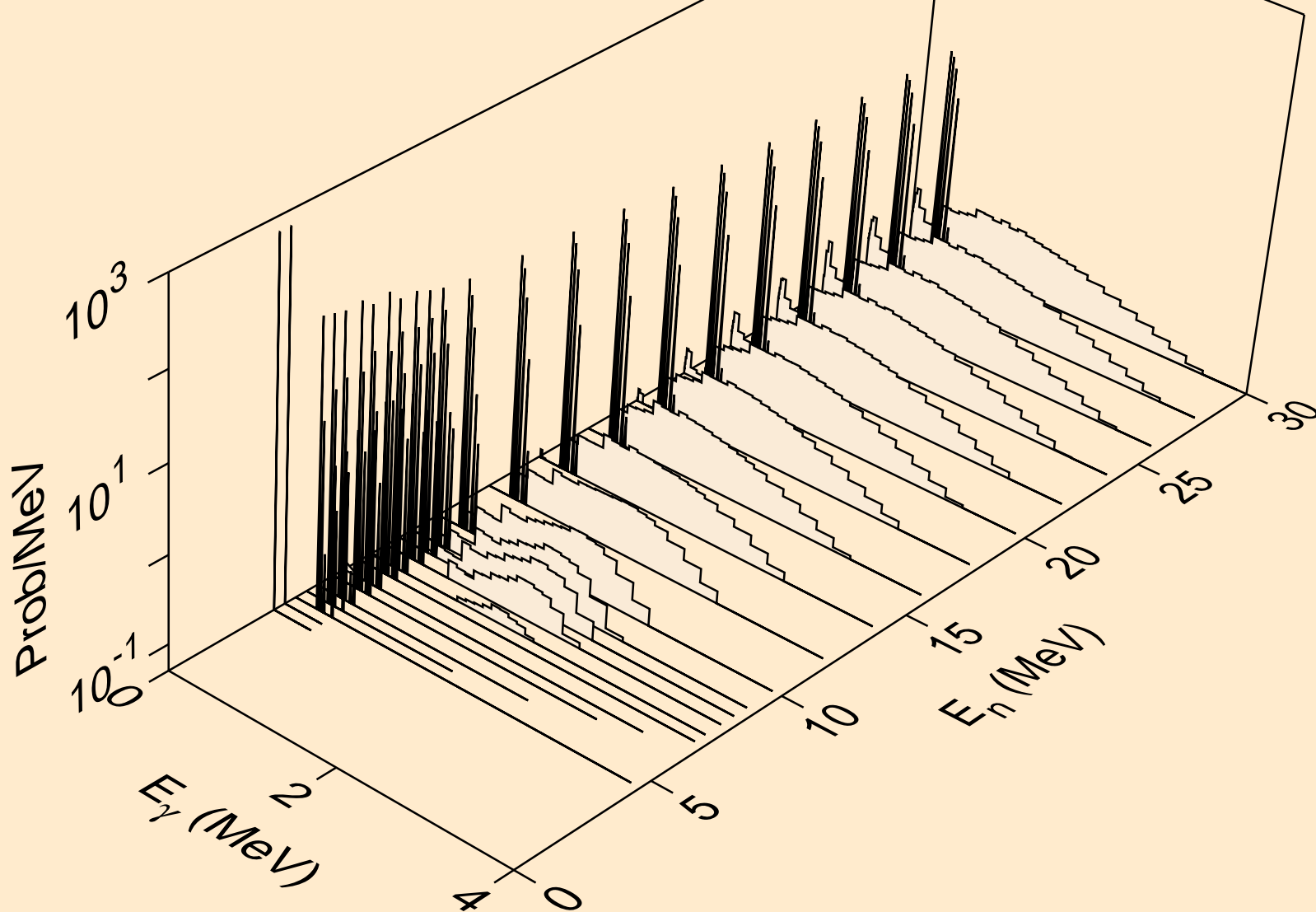
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



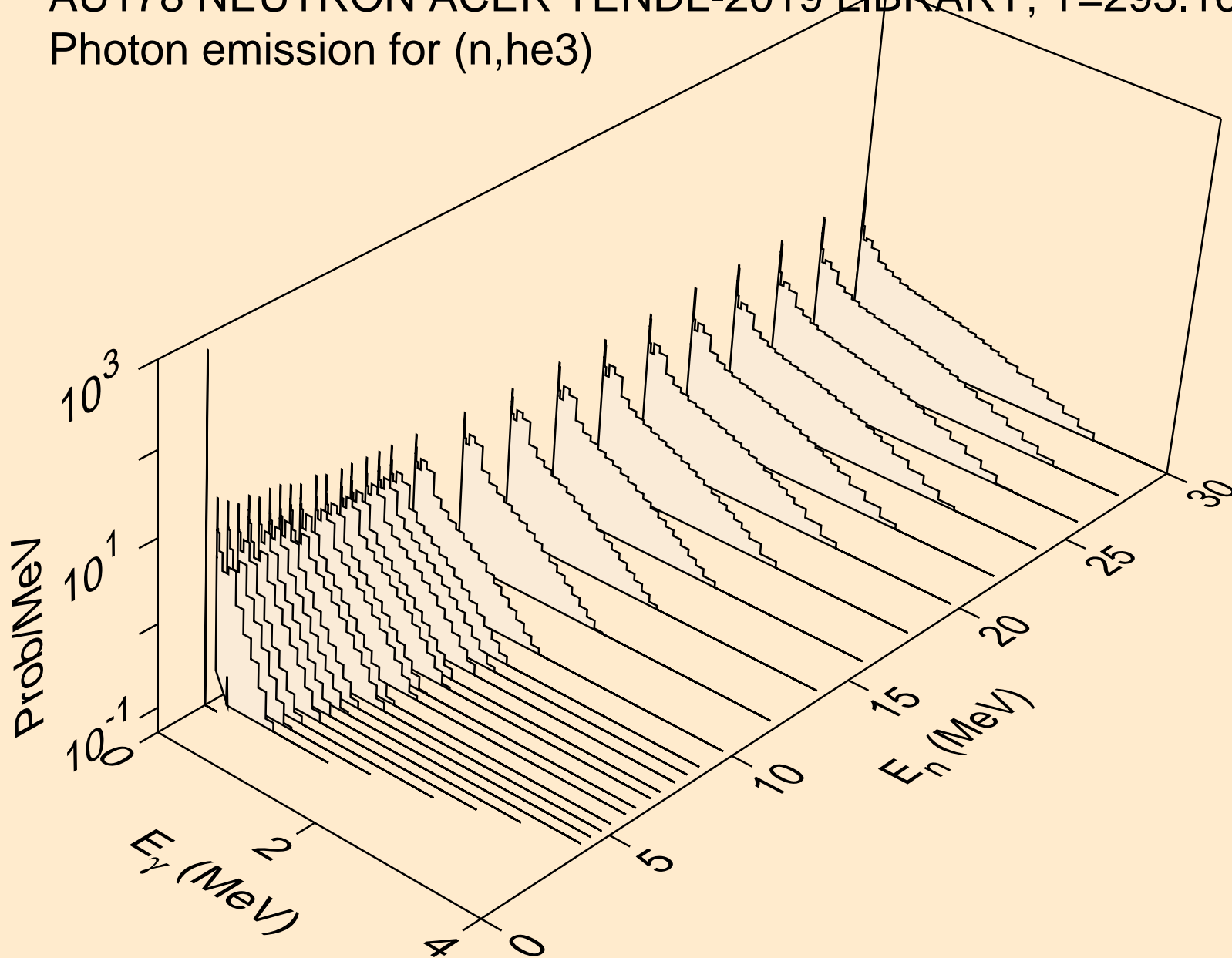
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



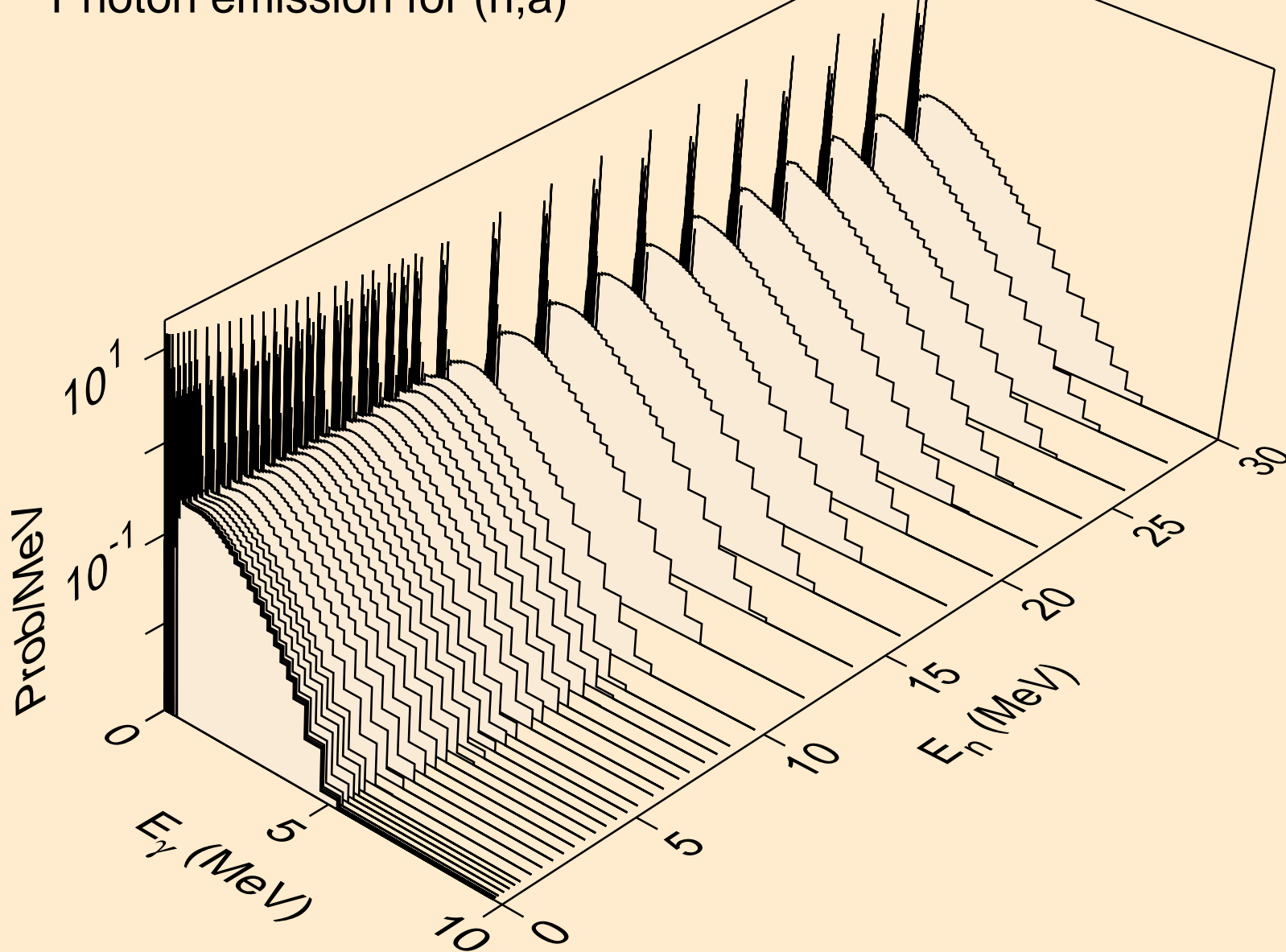
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



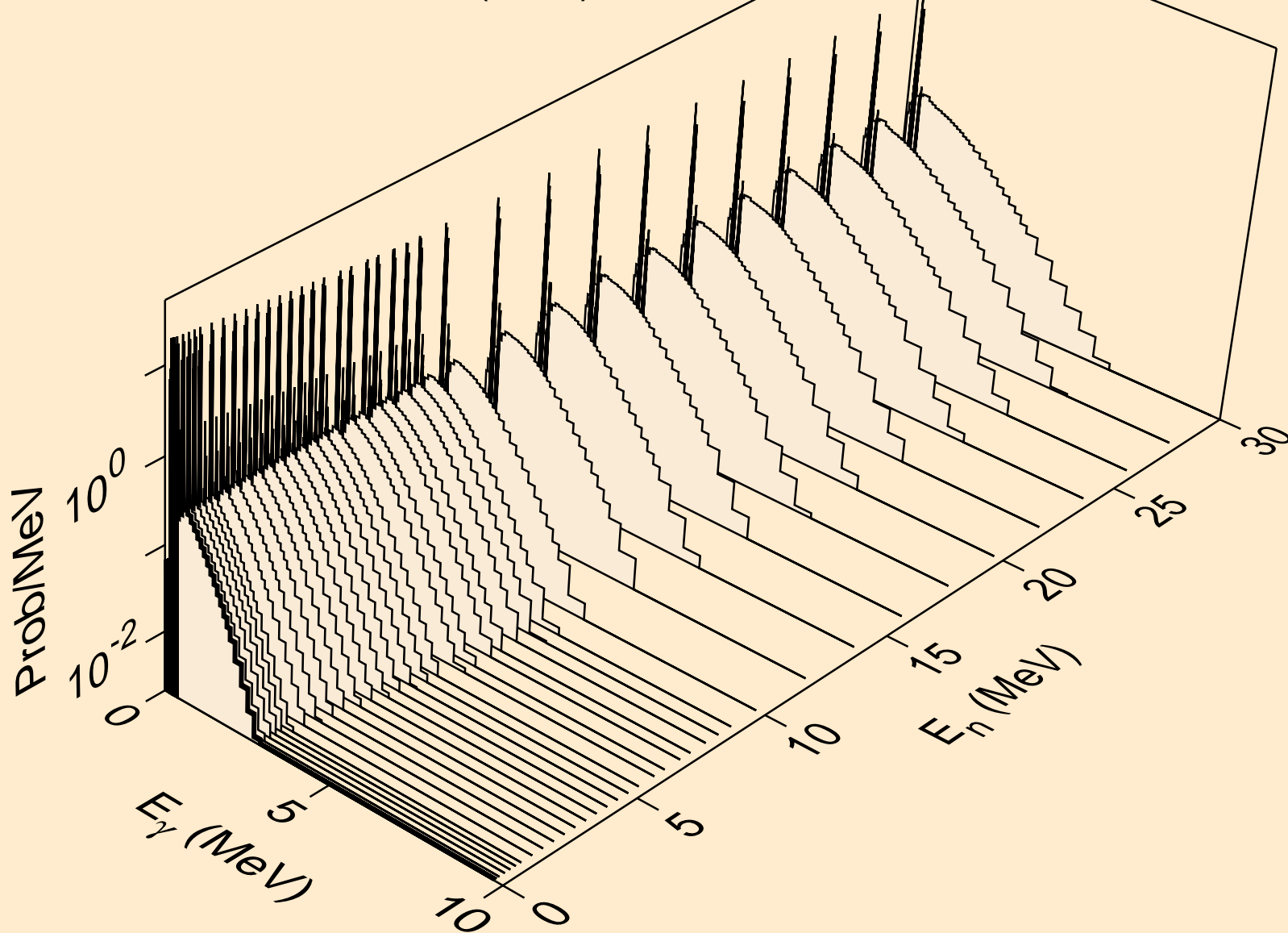
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



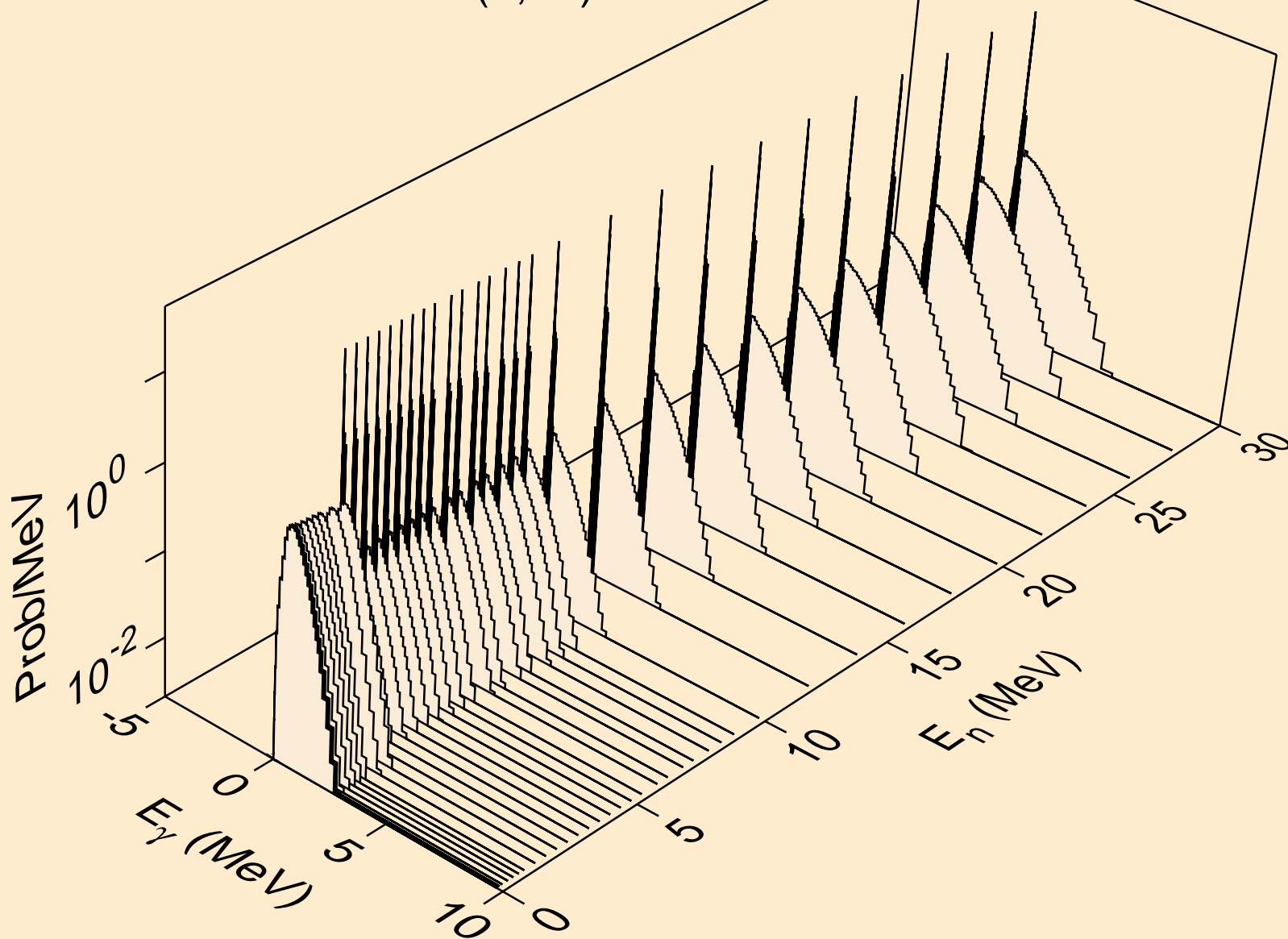
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



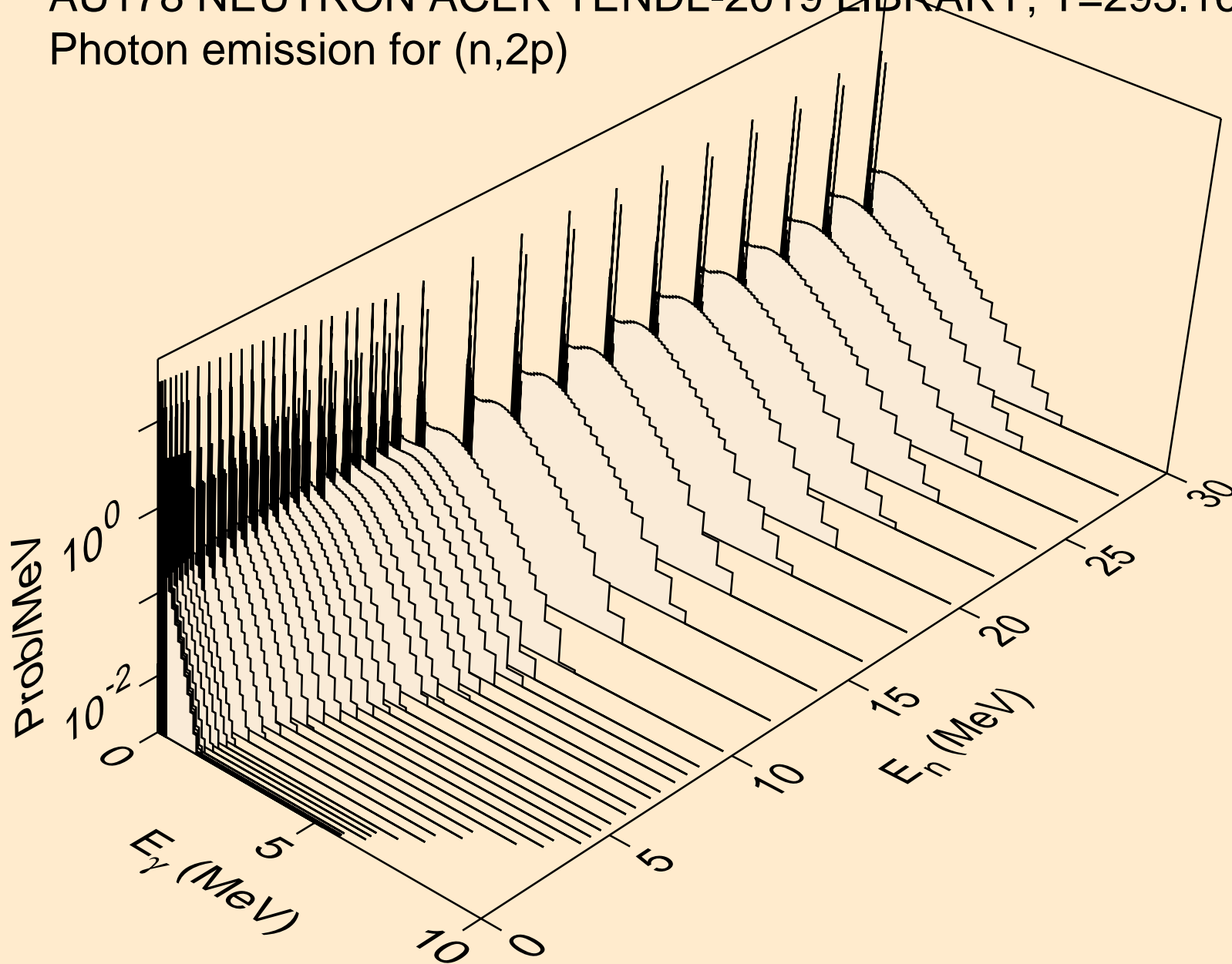
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



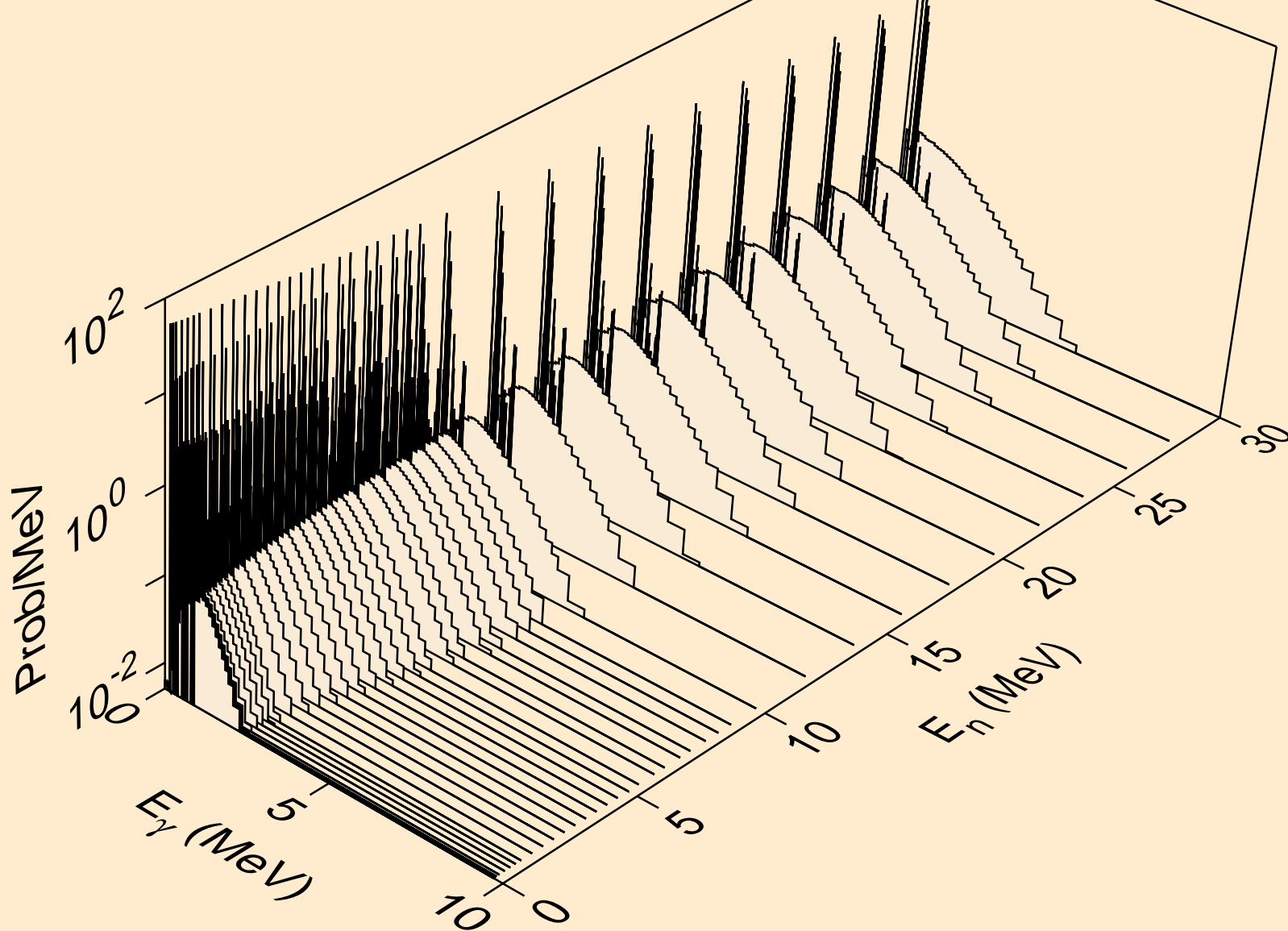
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



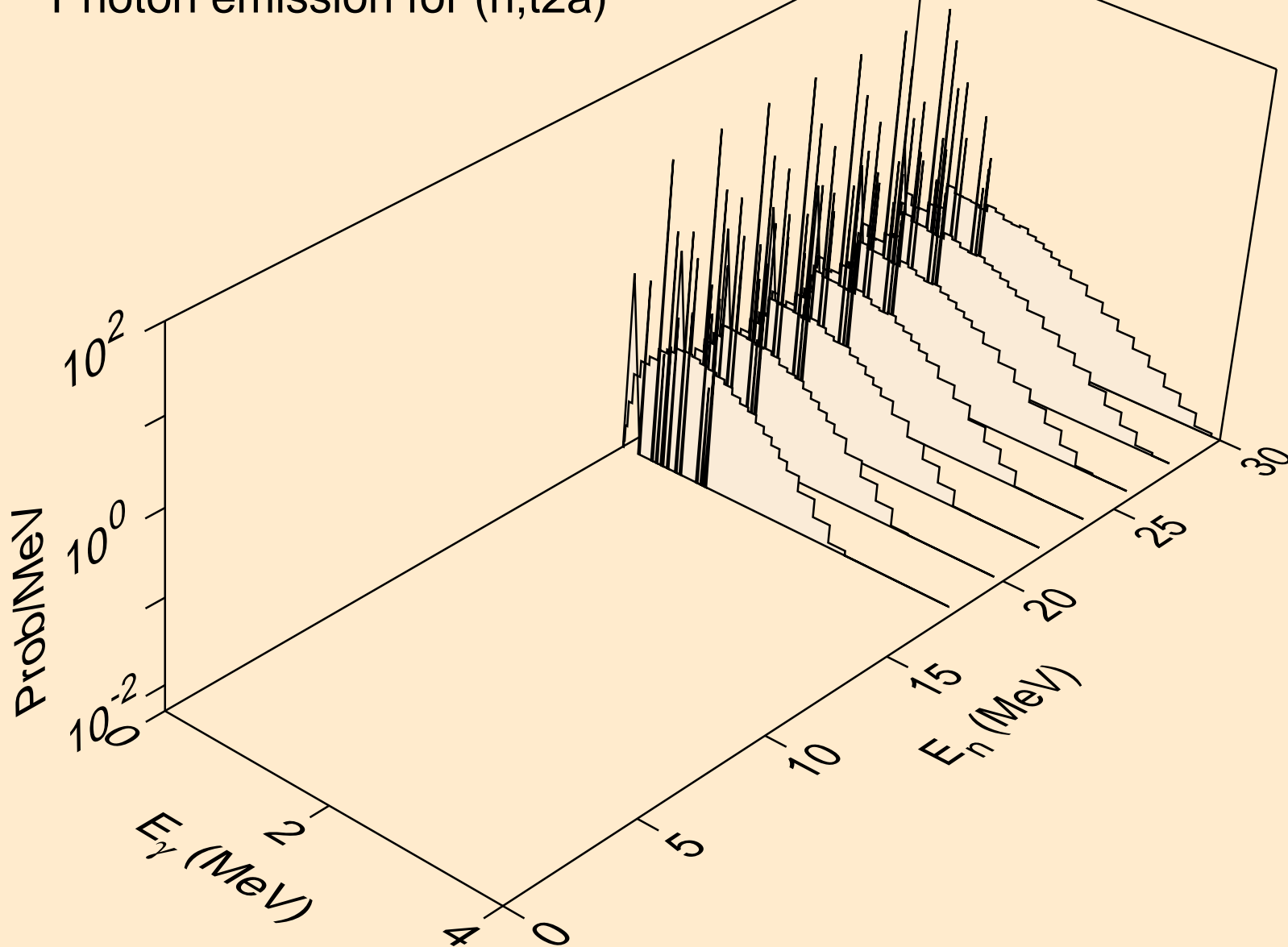
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



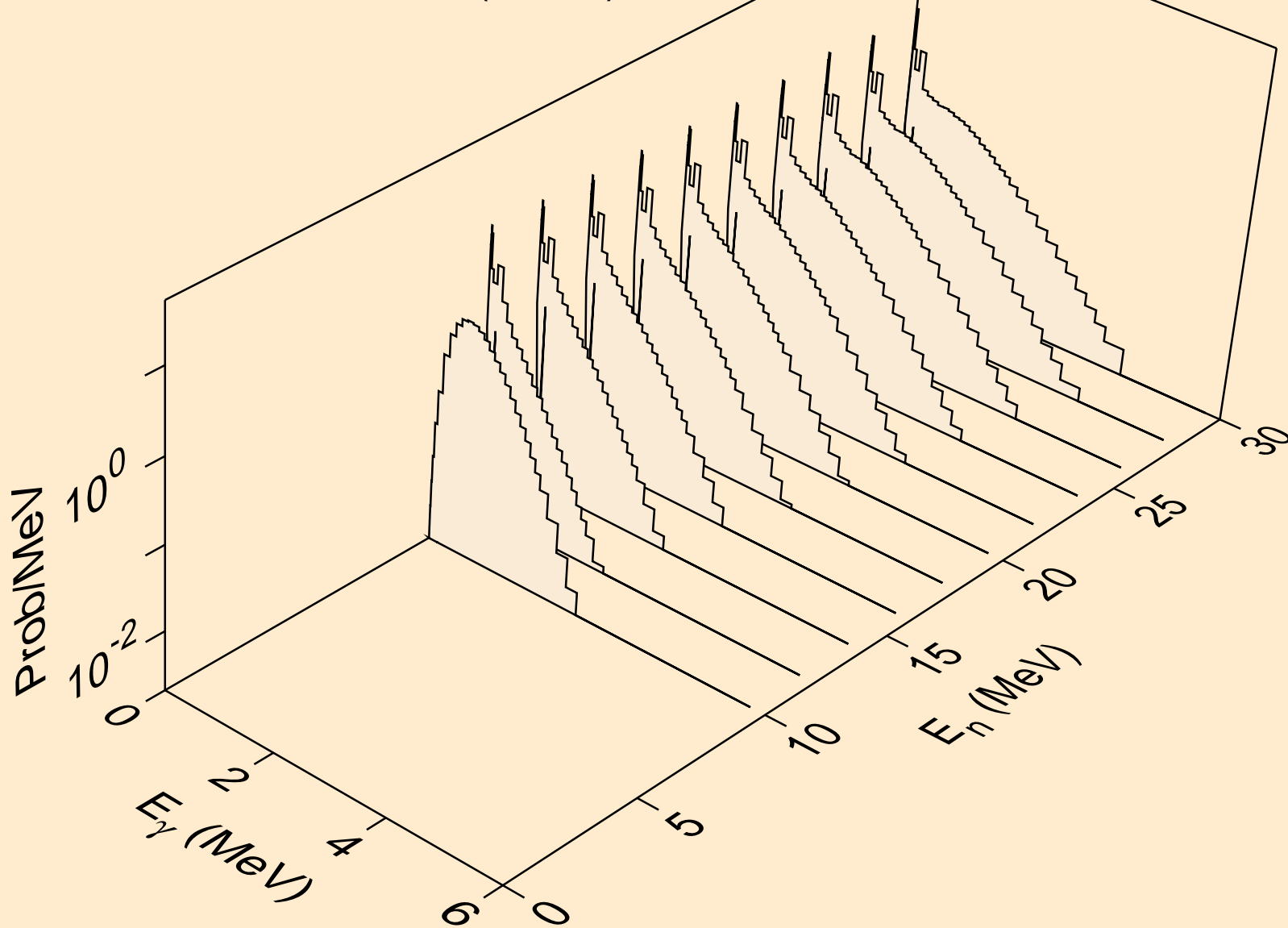
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



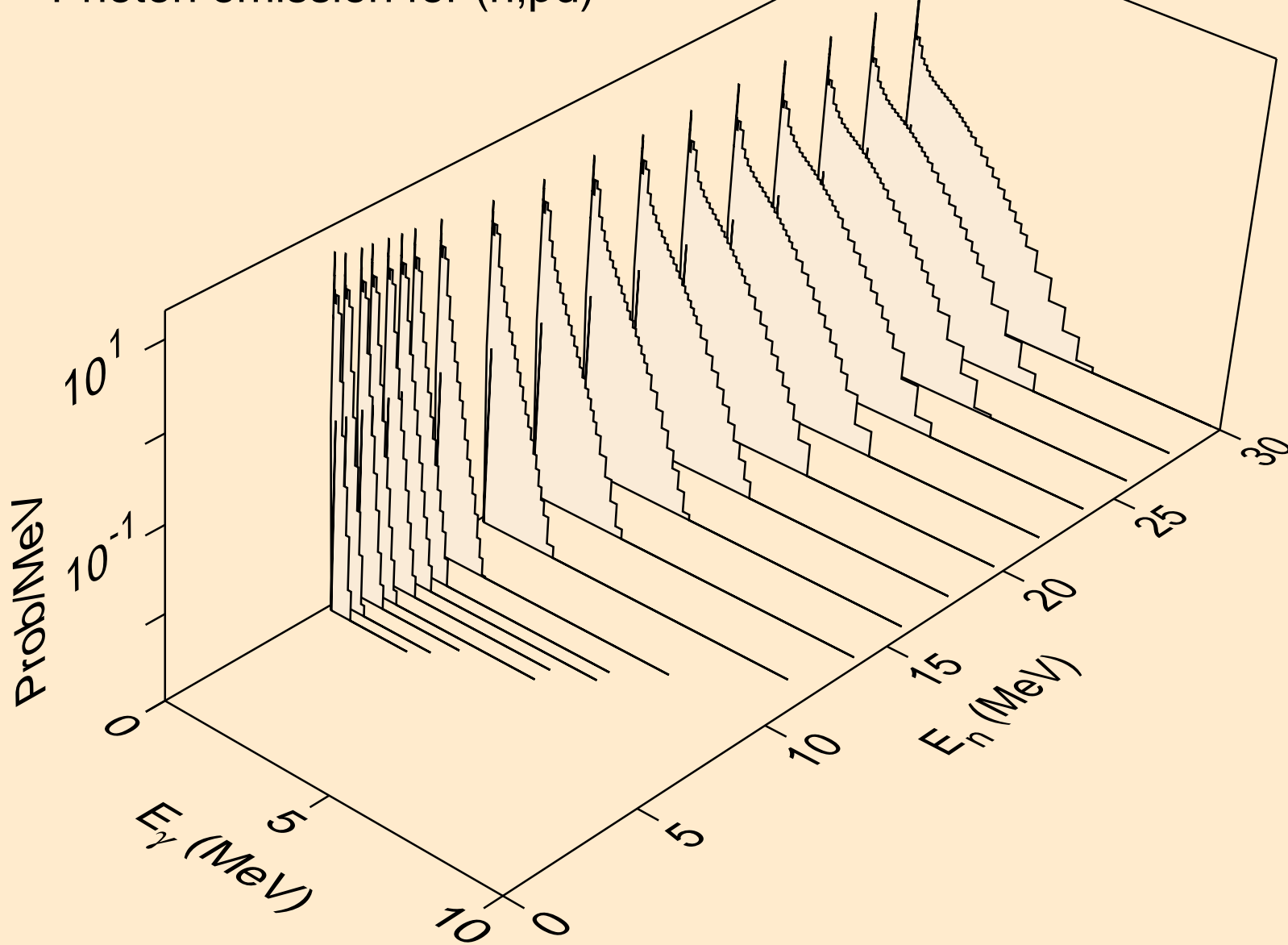
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t2a)



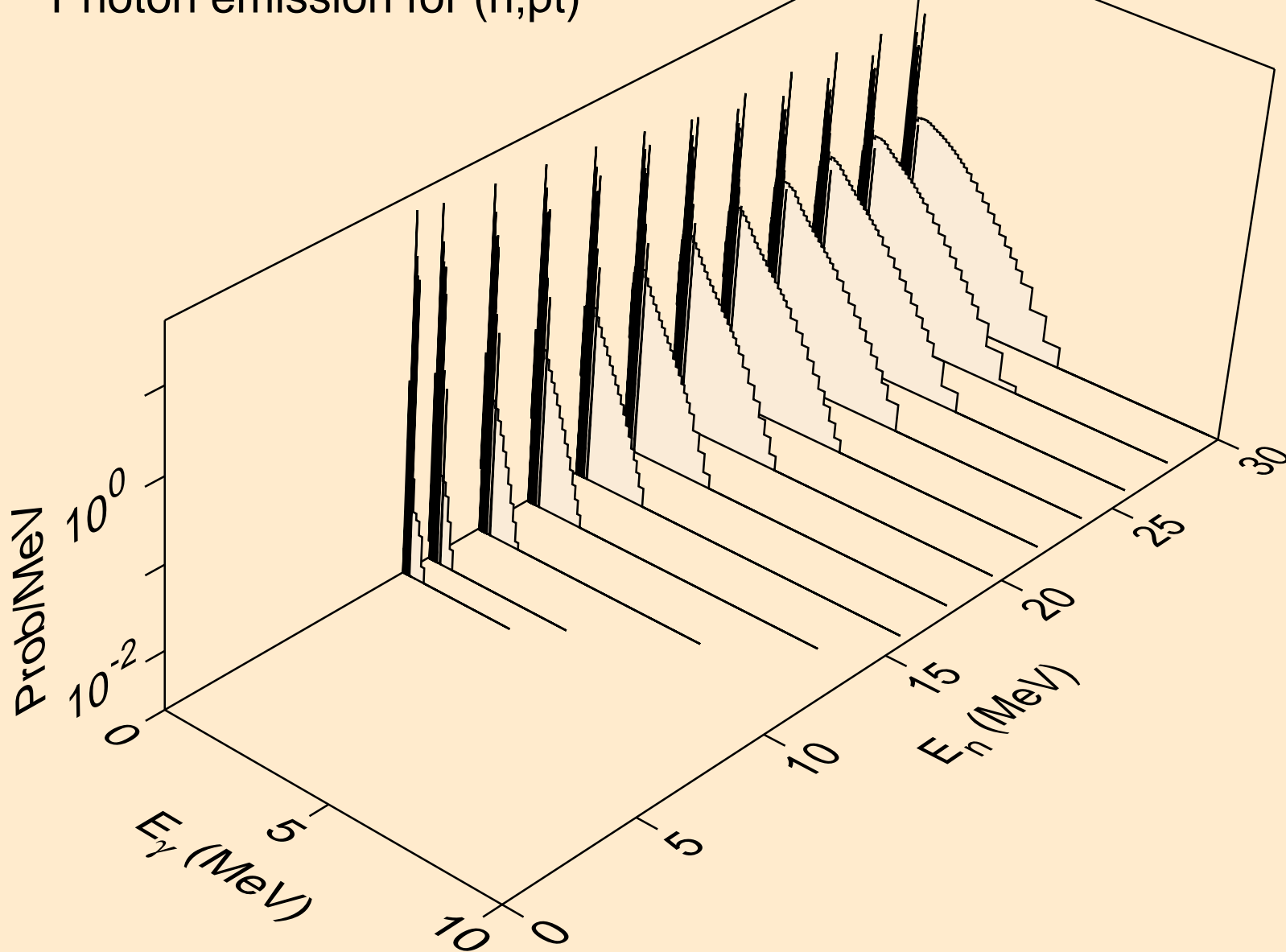
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d2a)



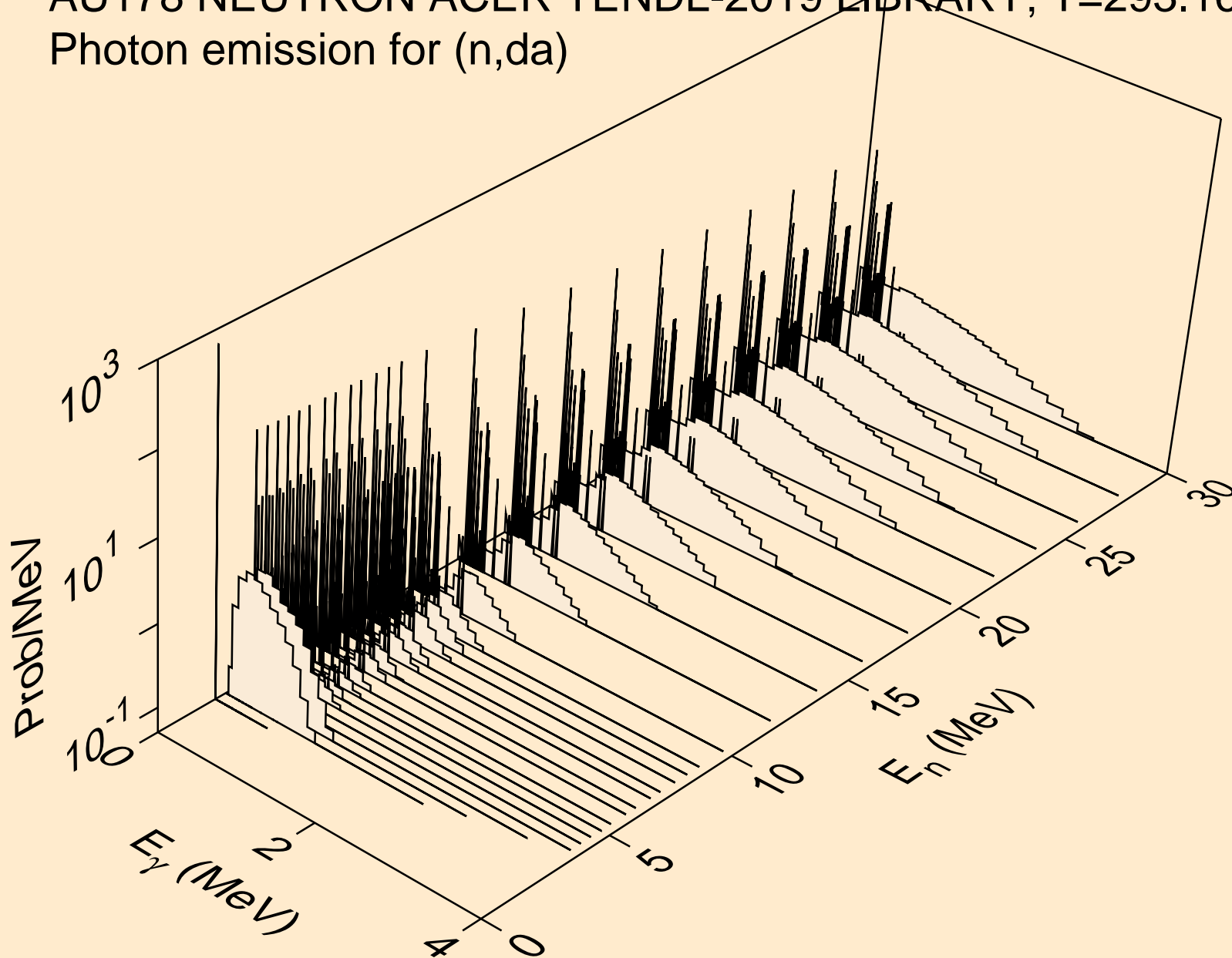
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



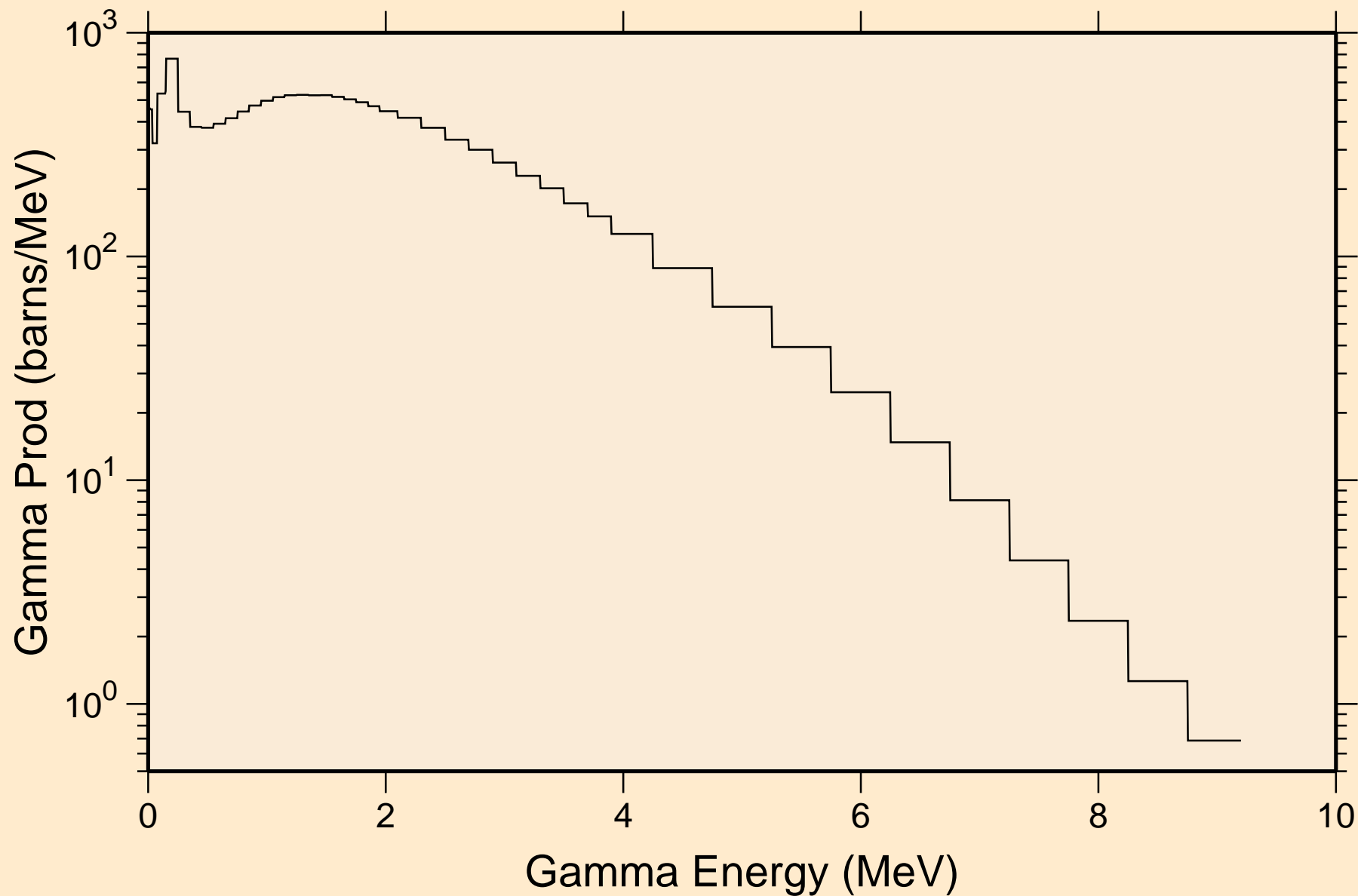
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



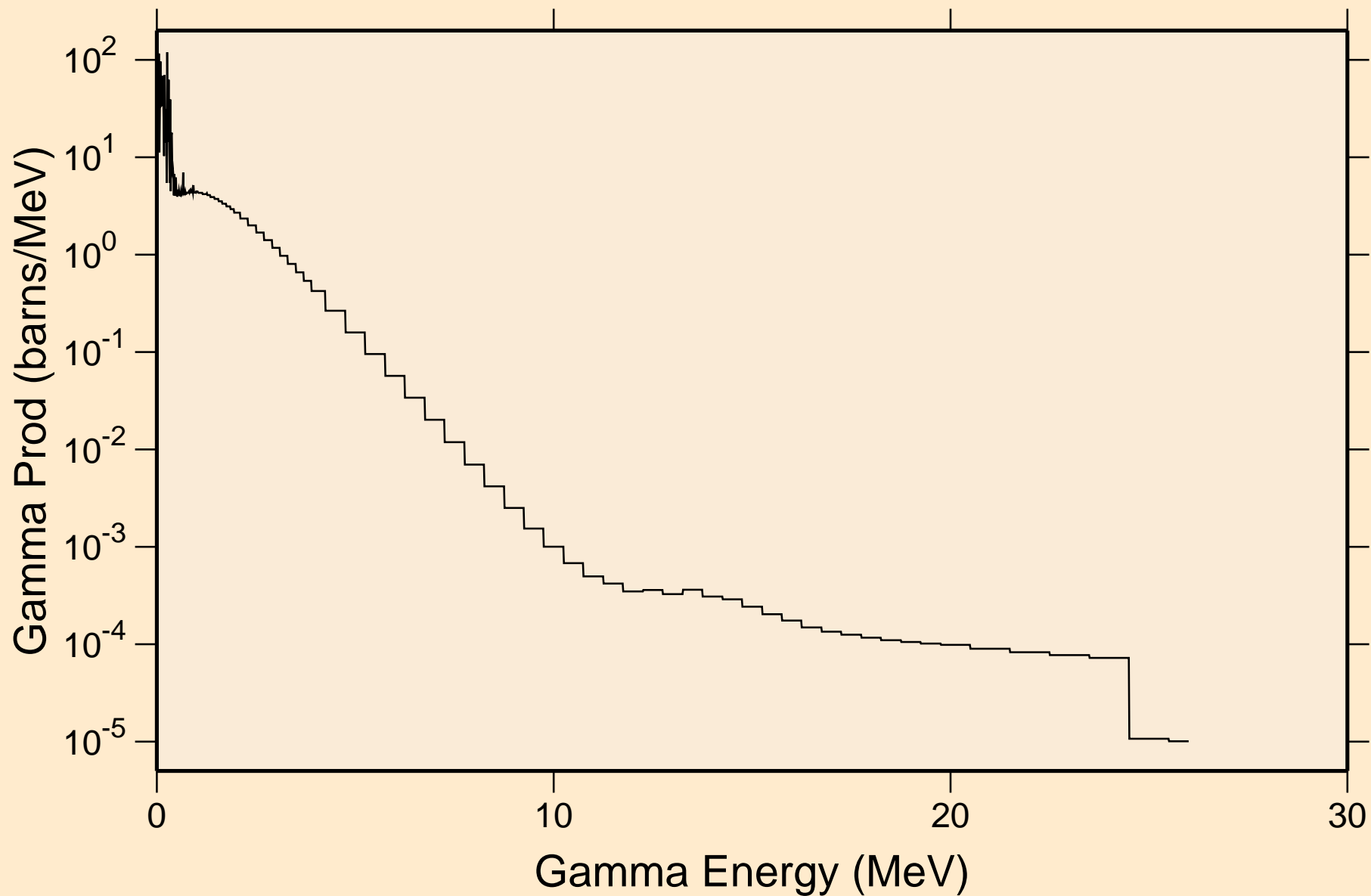
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

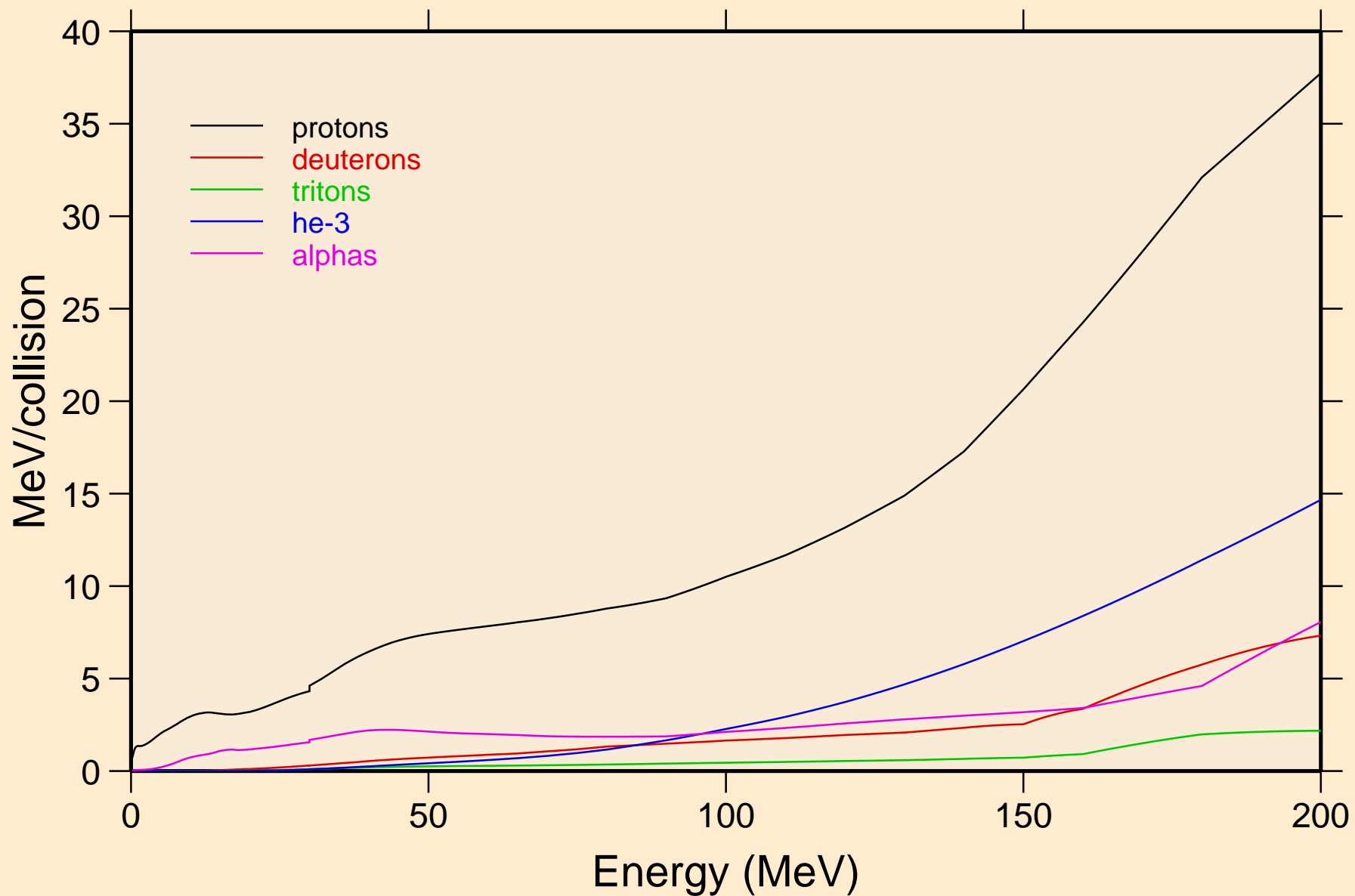


AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

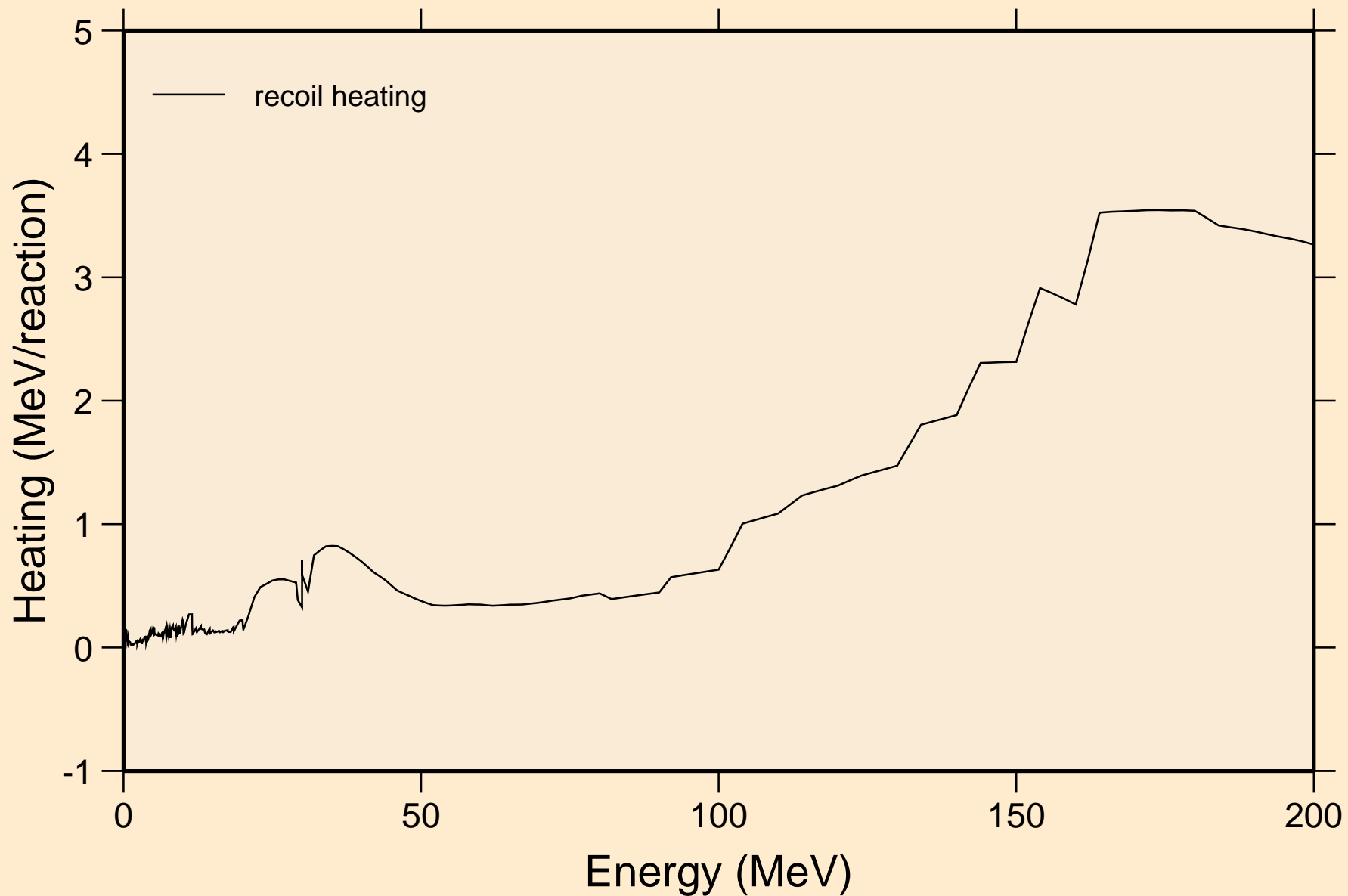


AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

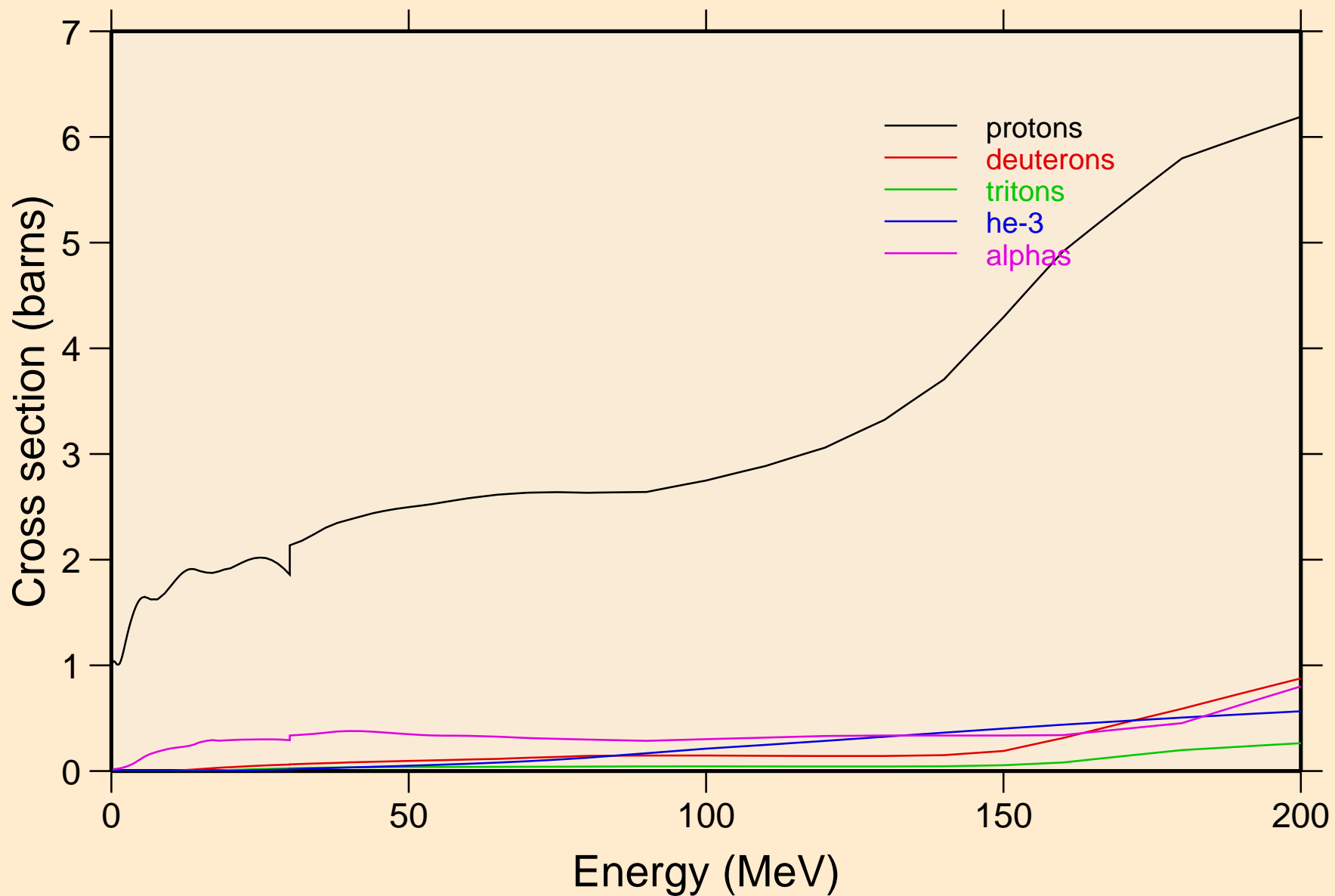
Particle heating contributions



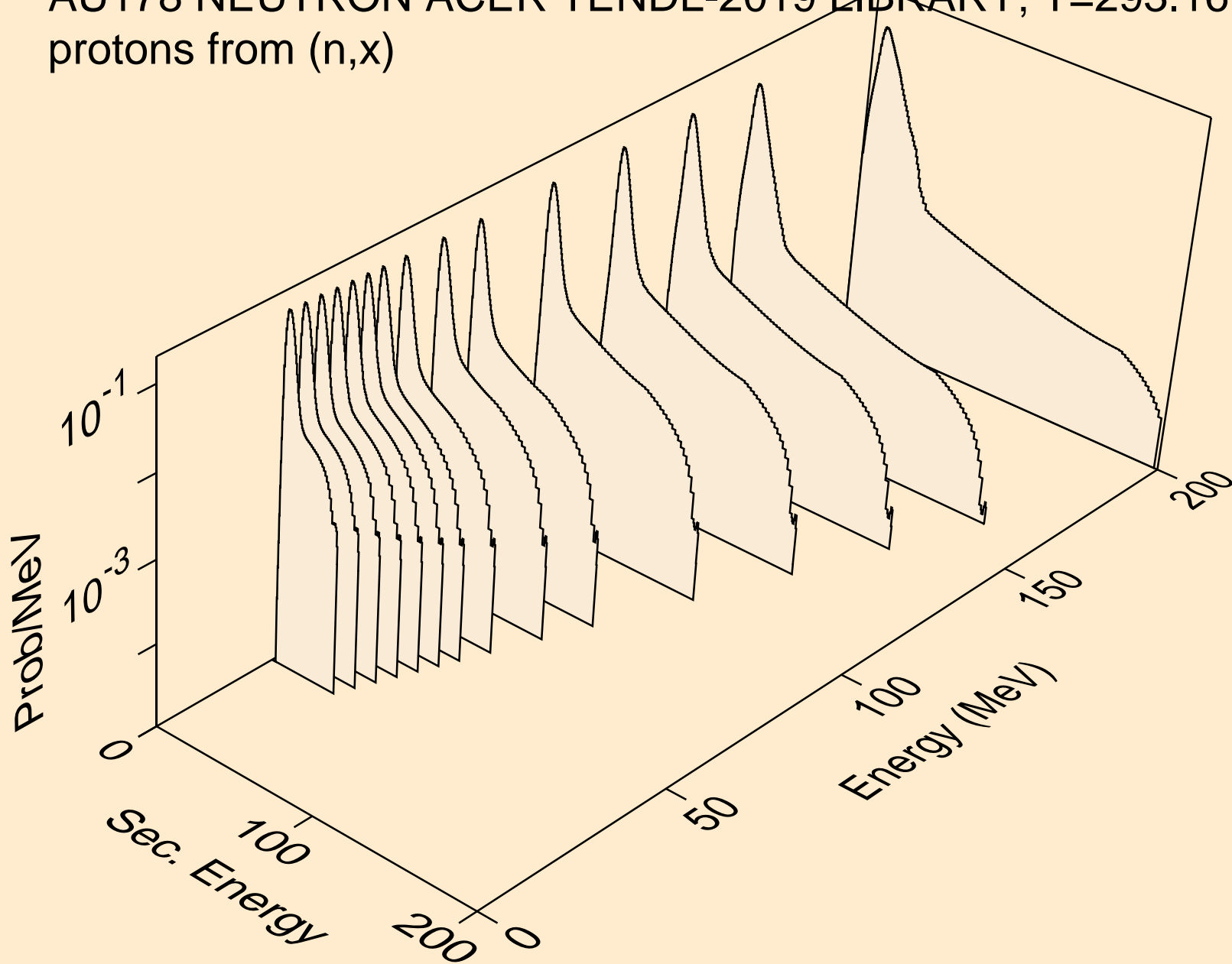
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



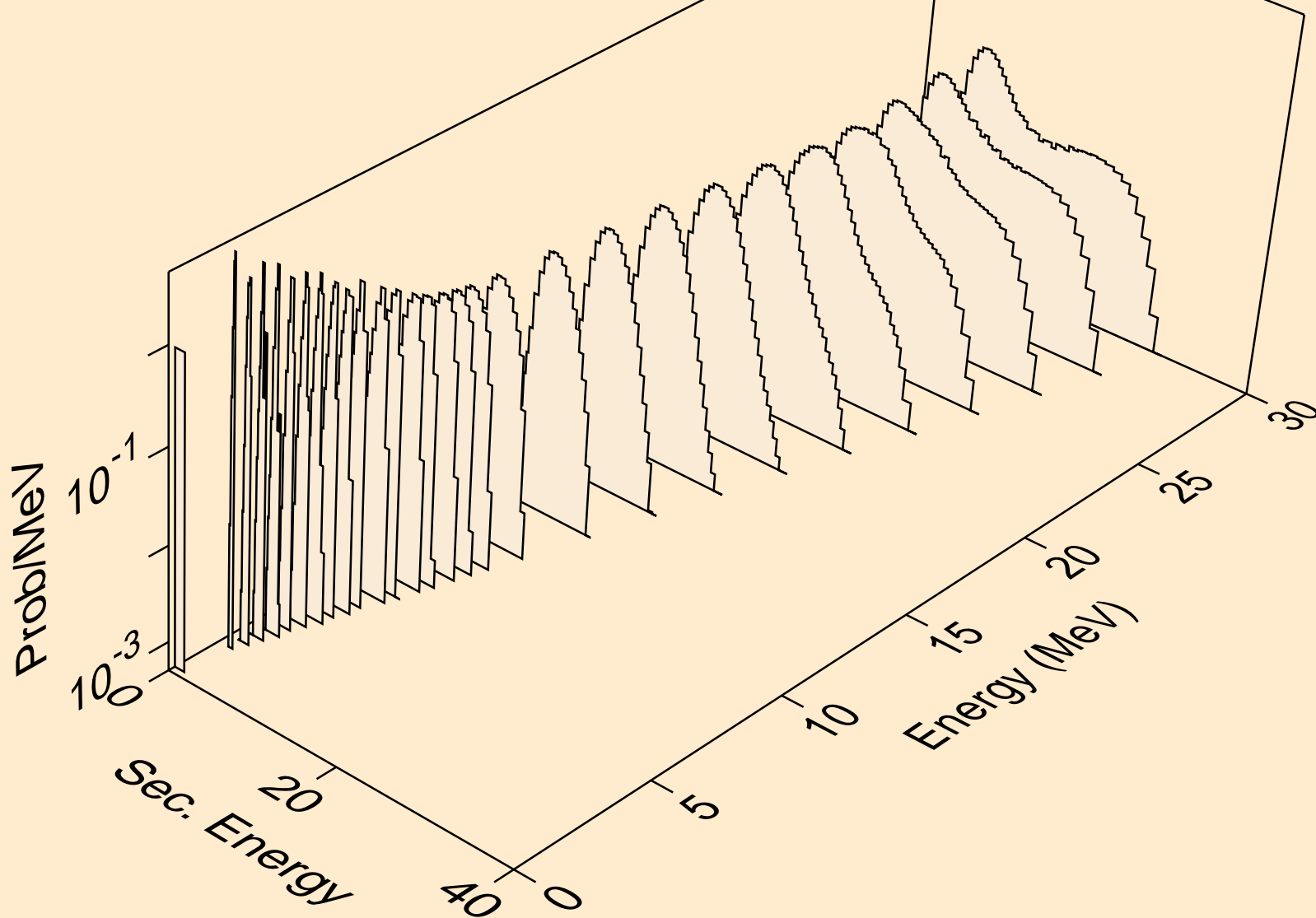
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



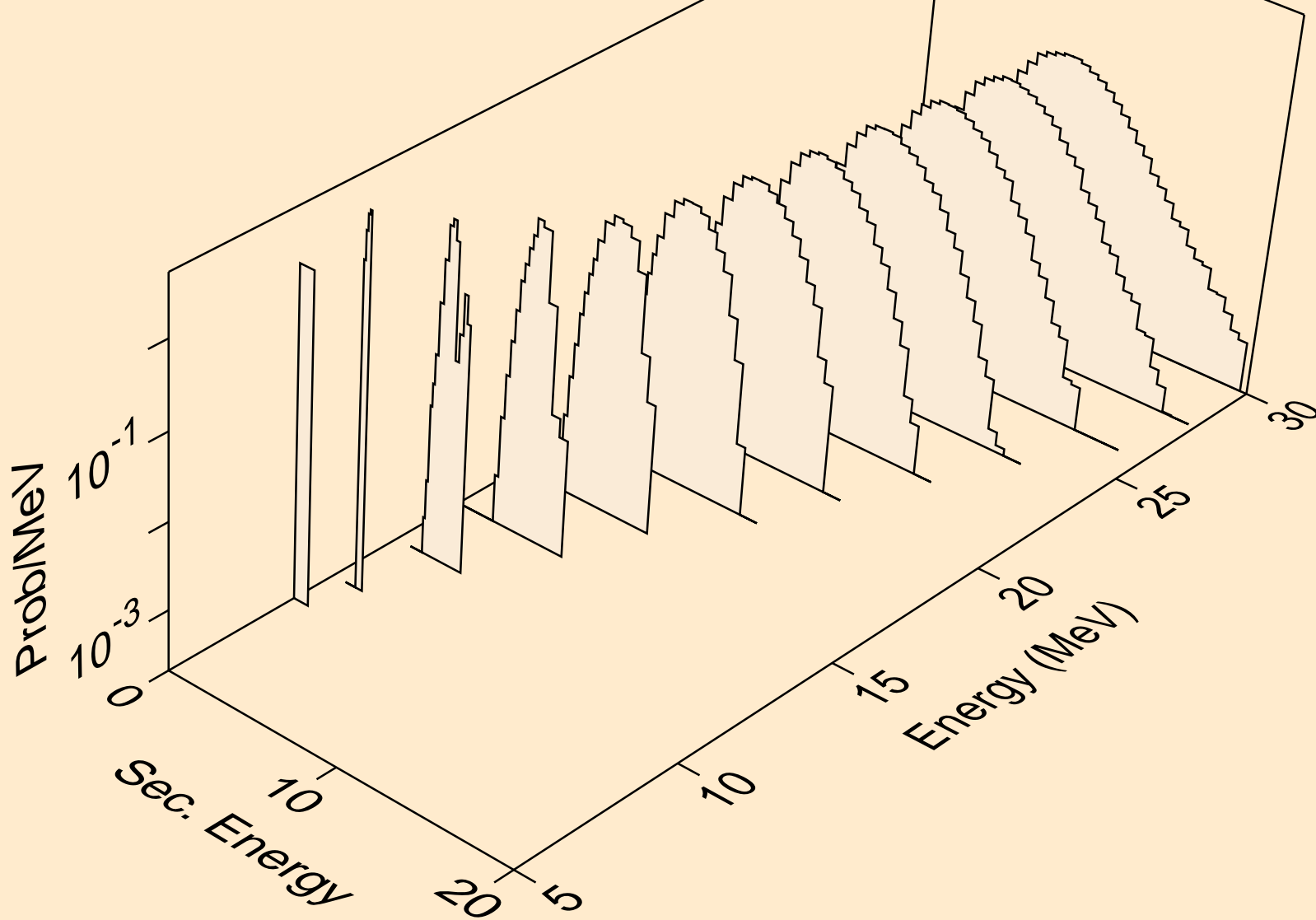
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



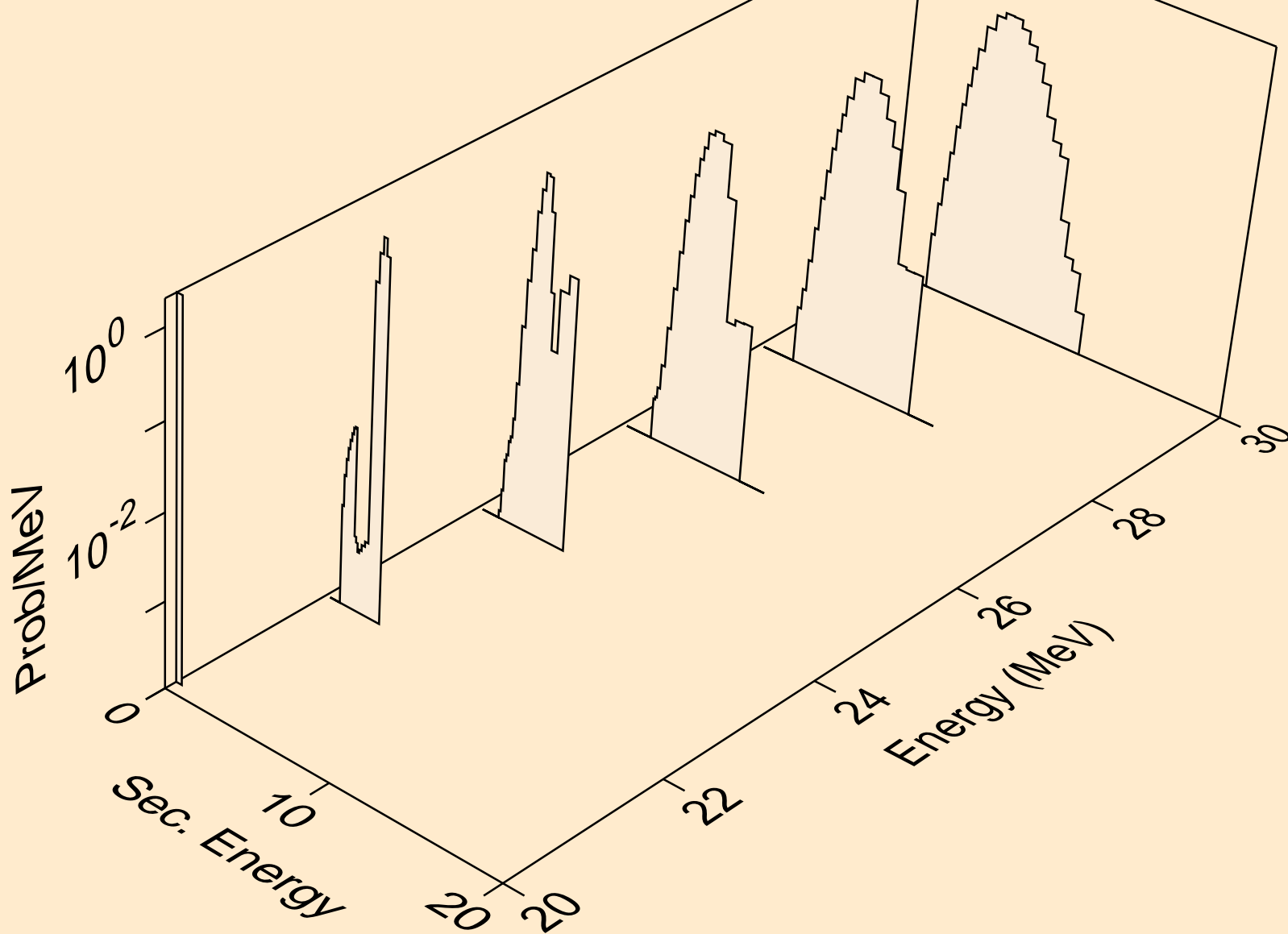
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



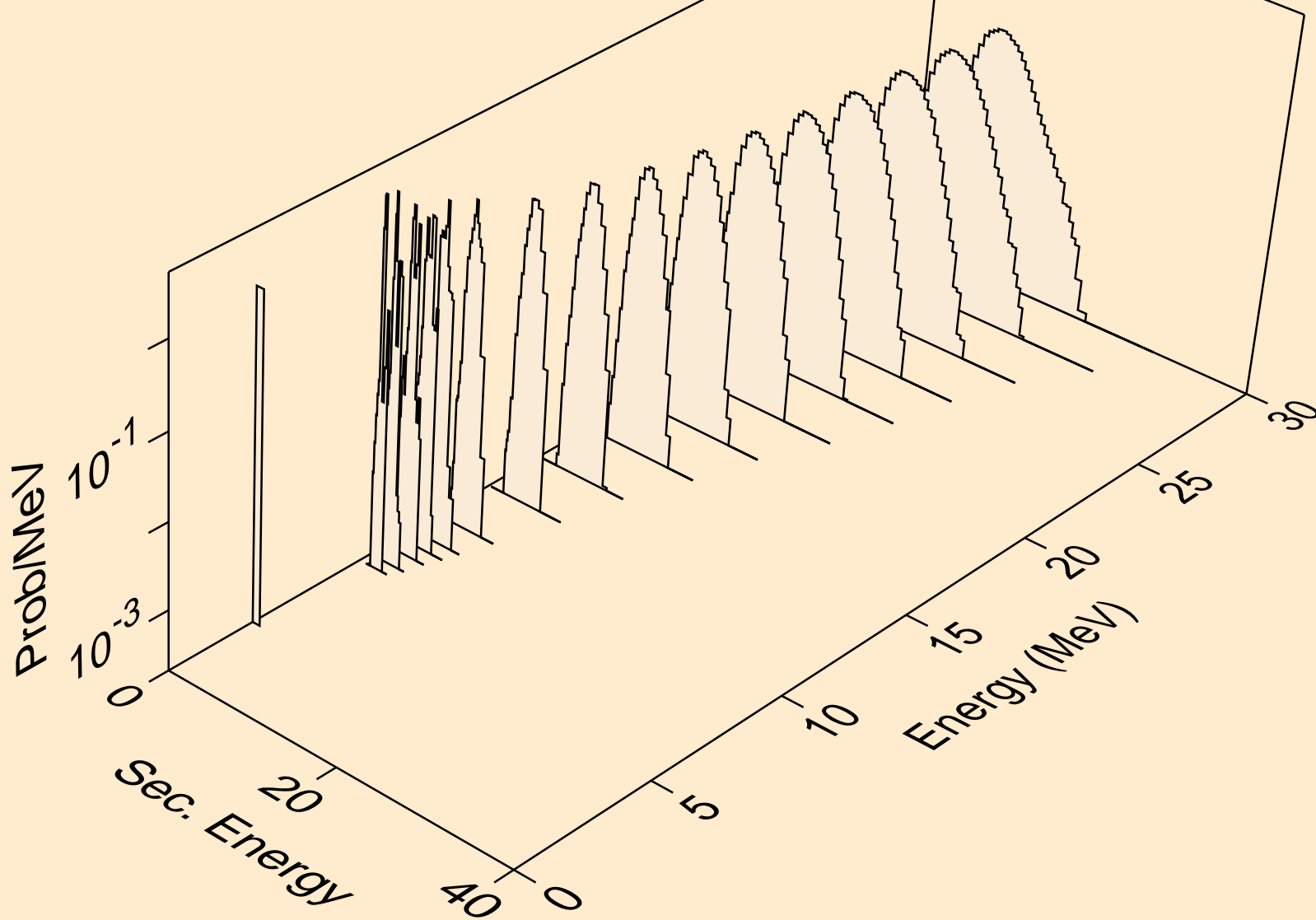
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



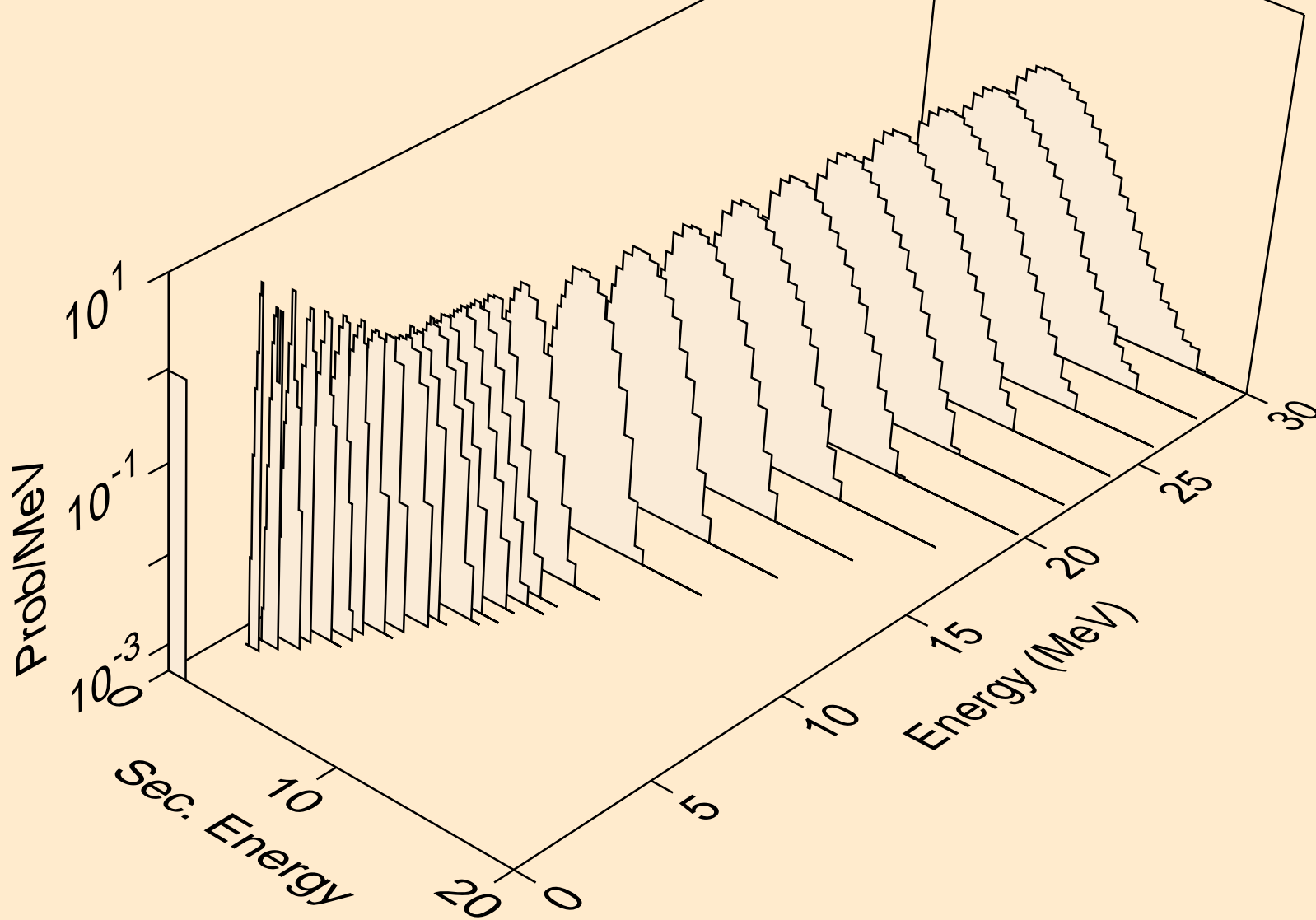
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



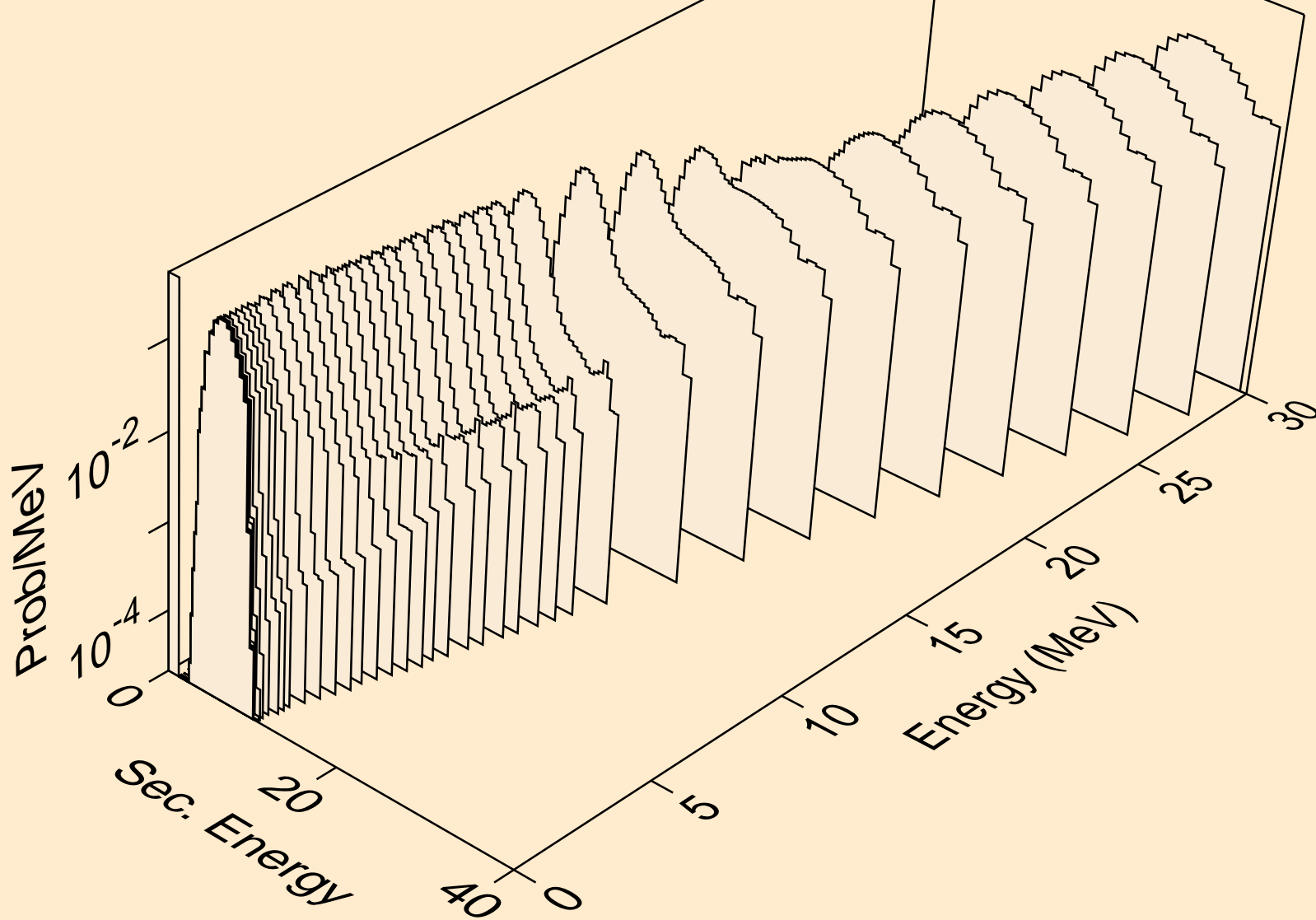
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



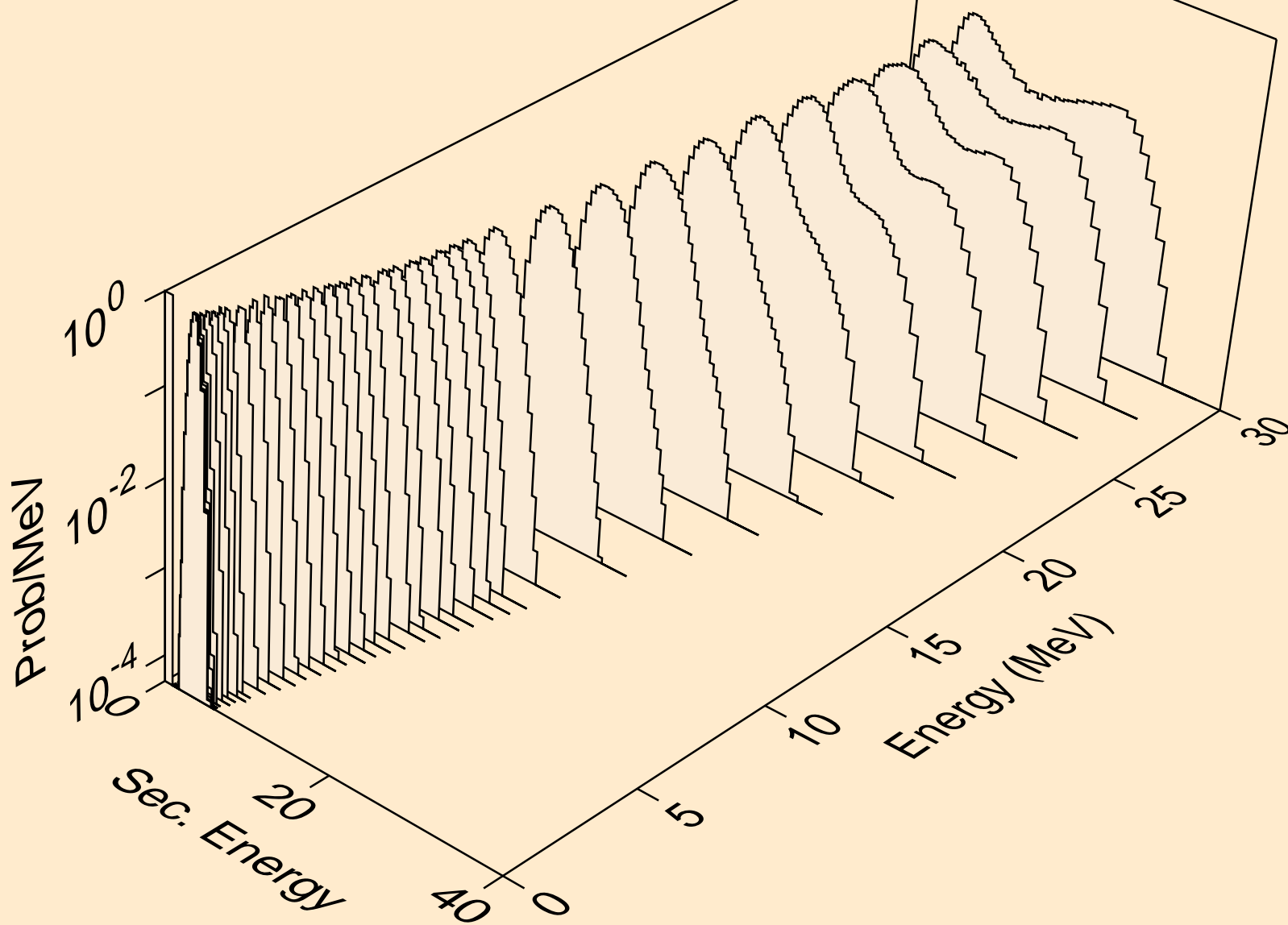
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



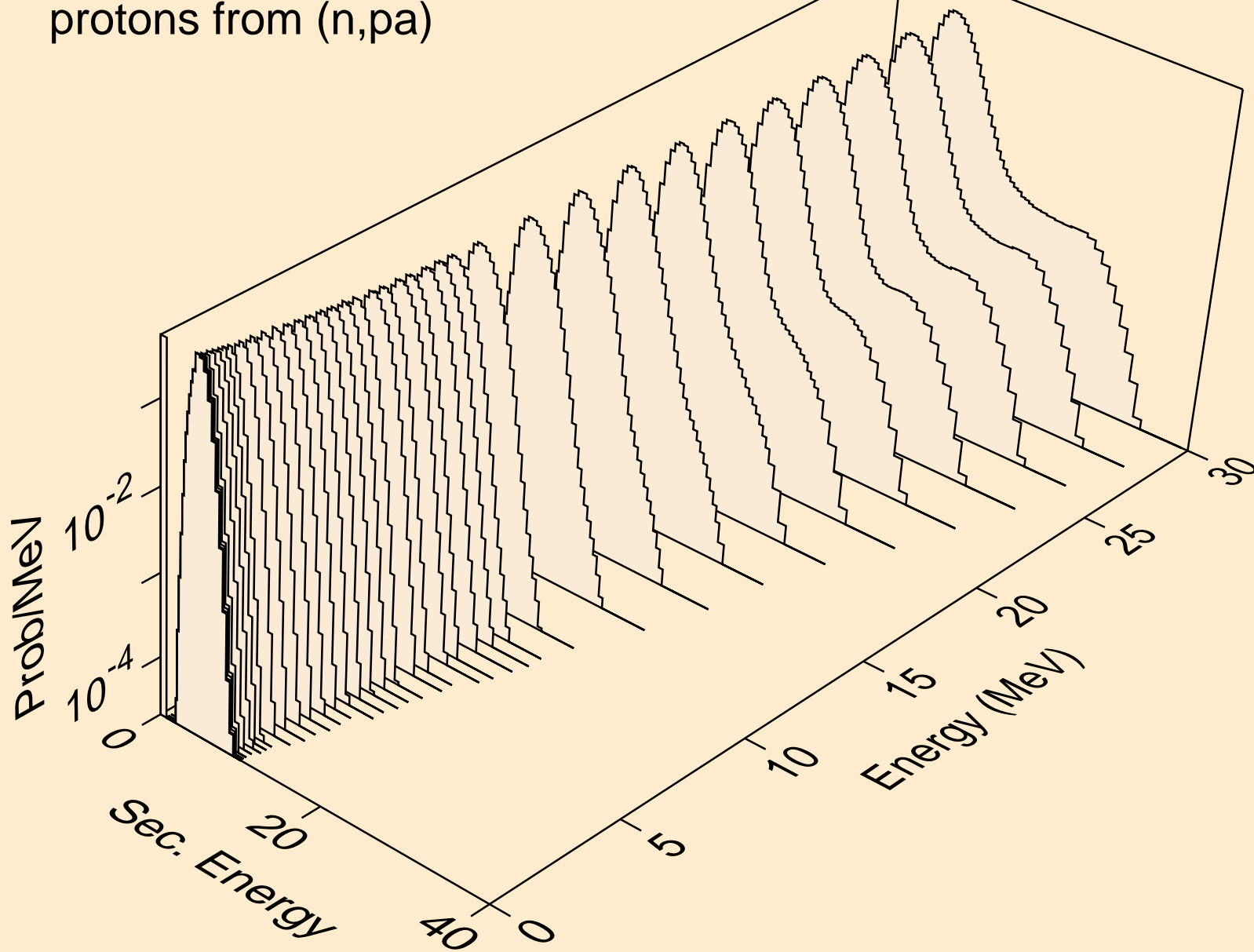
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



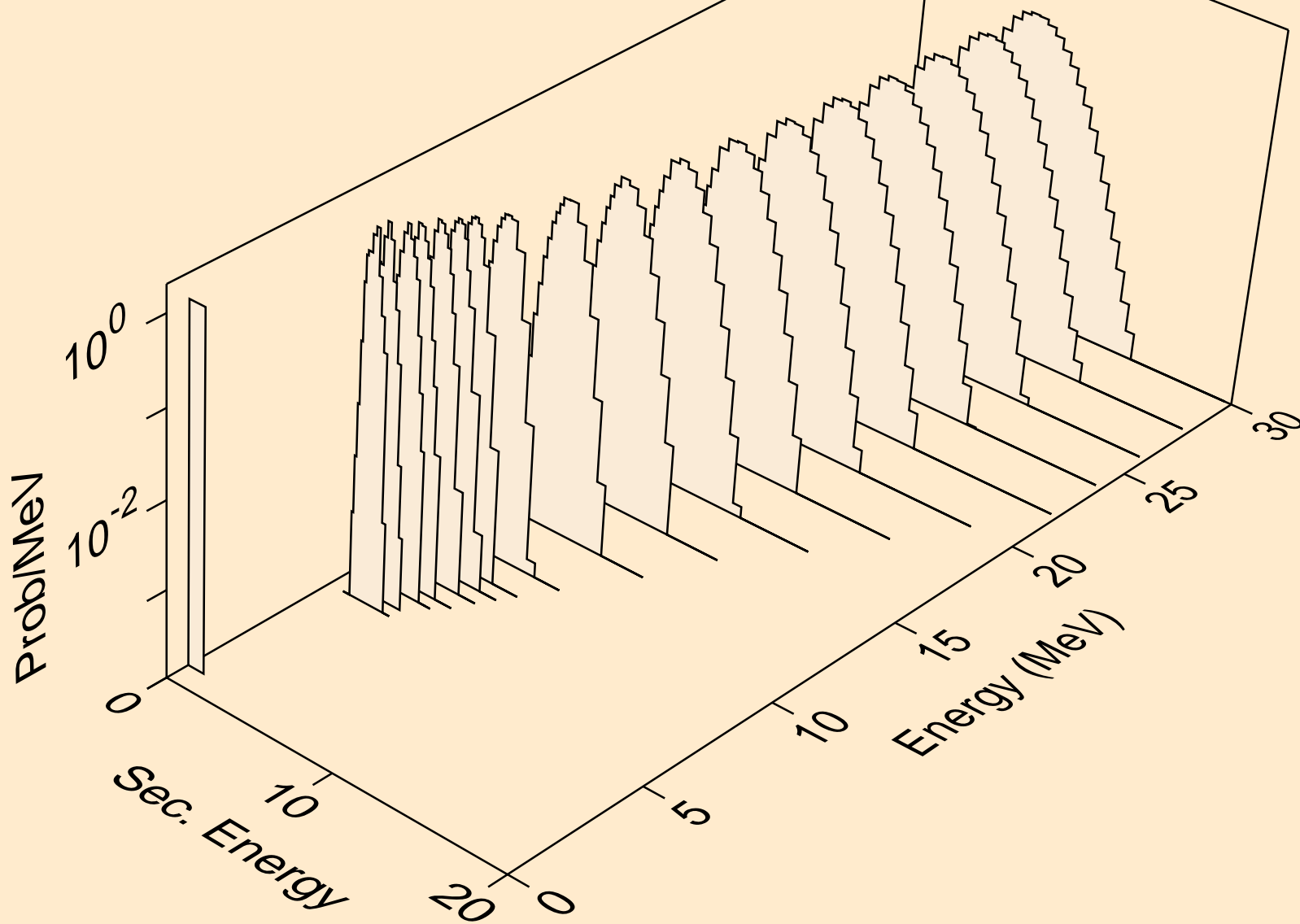
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



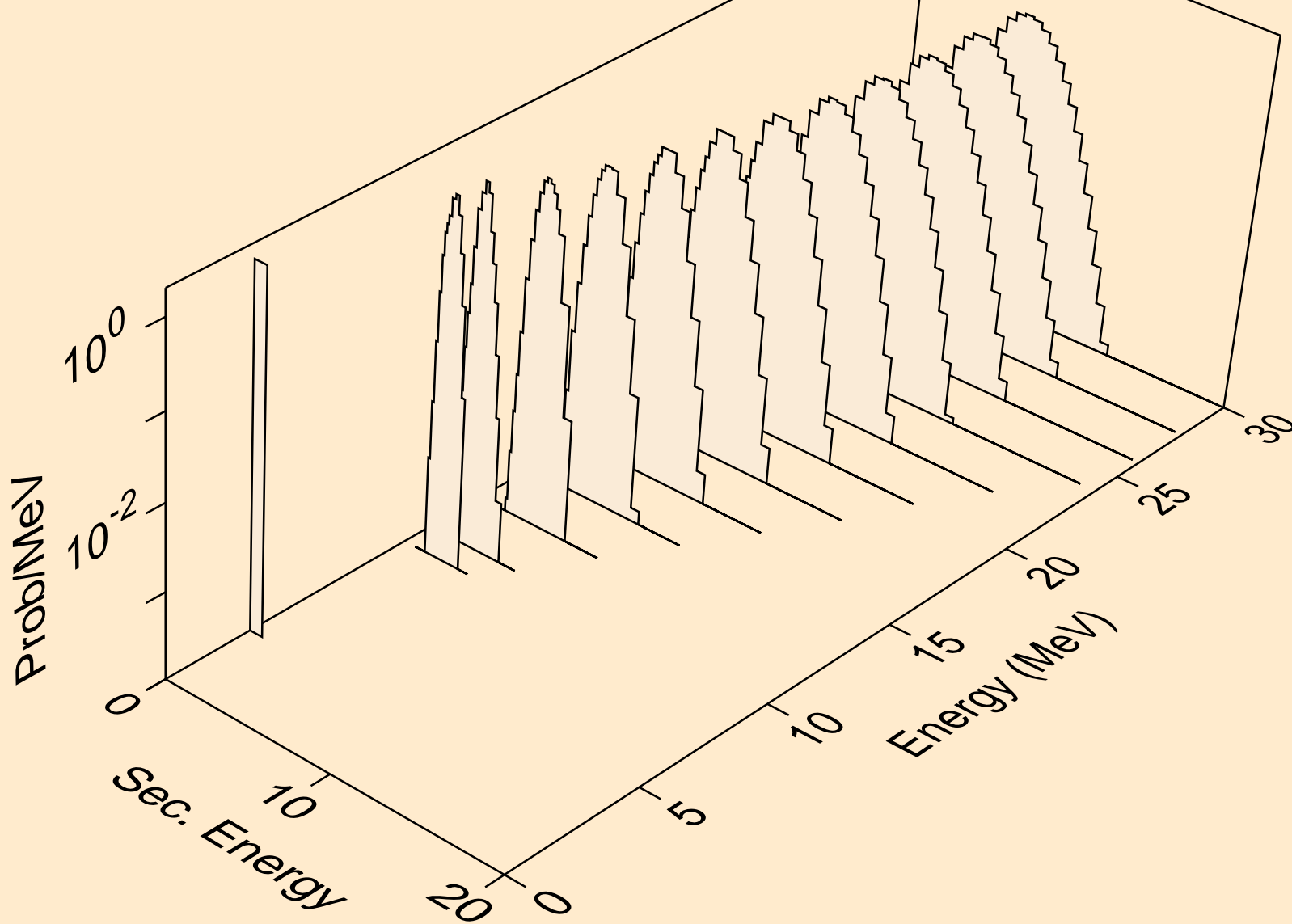
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



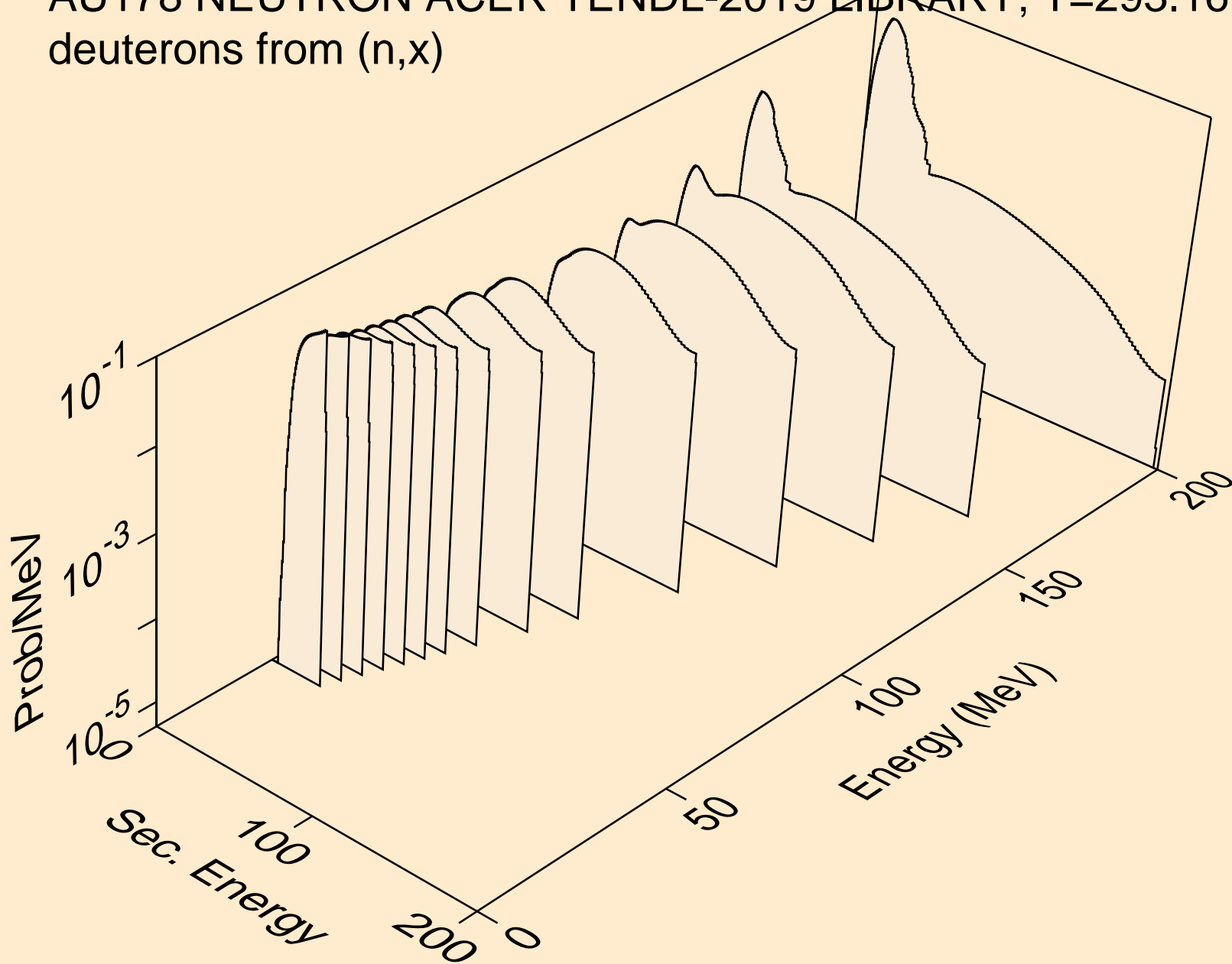
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



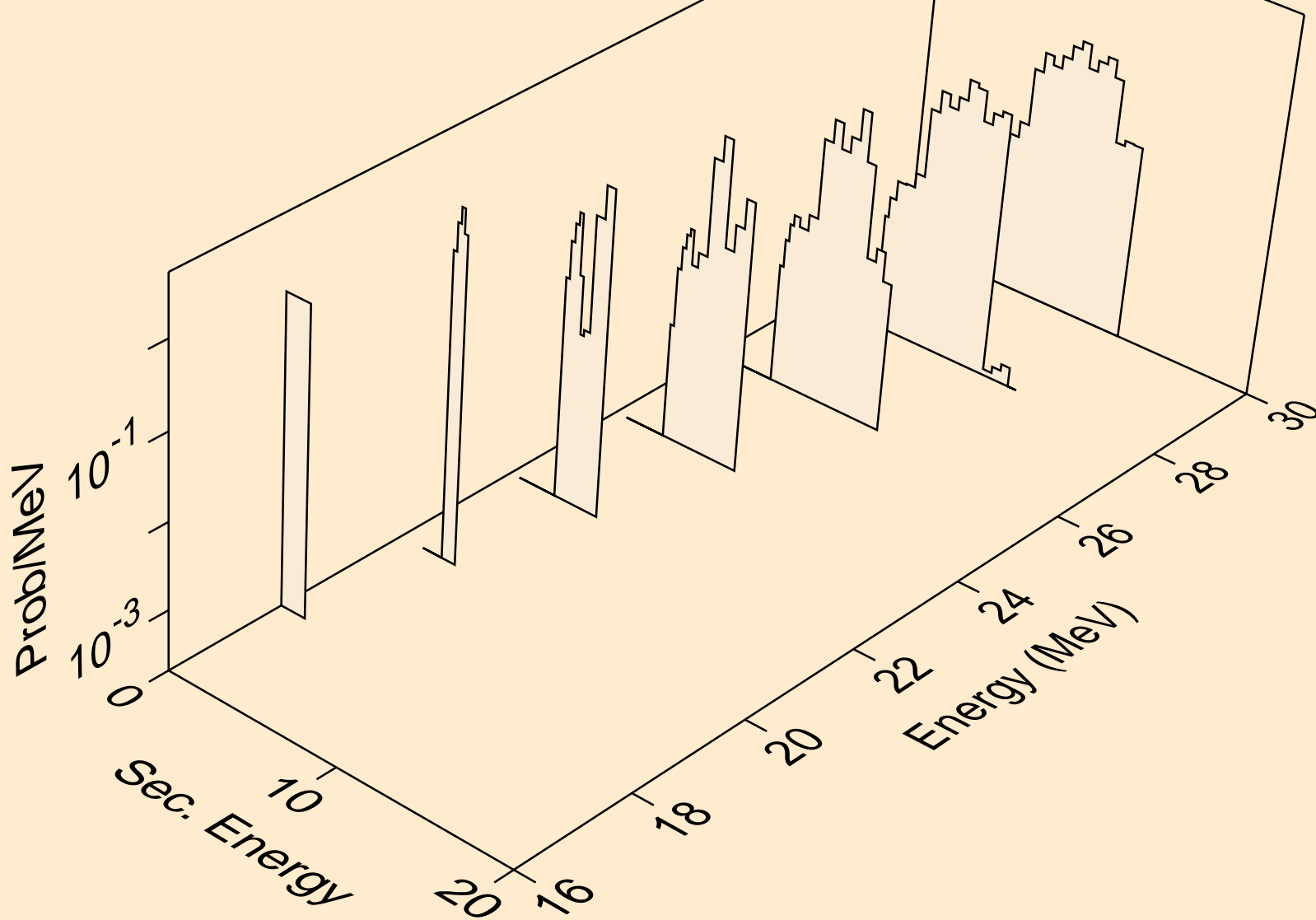
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



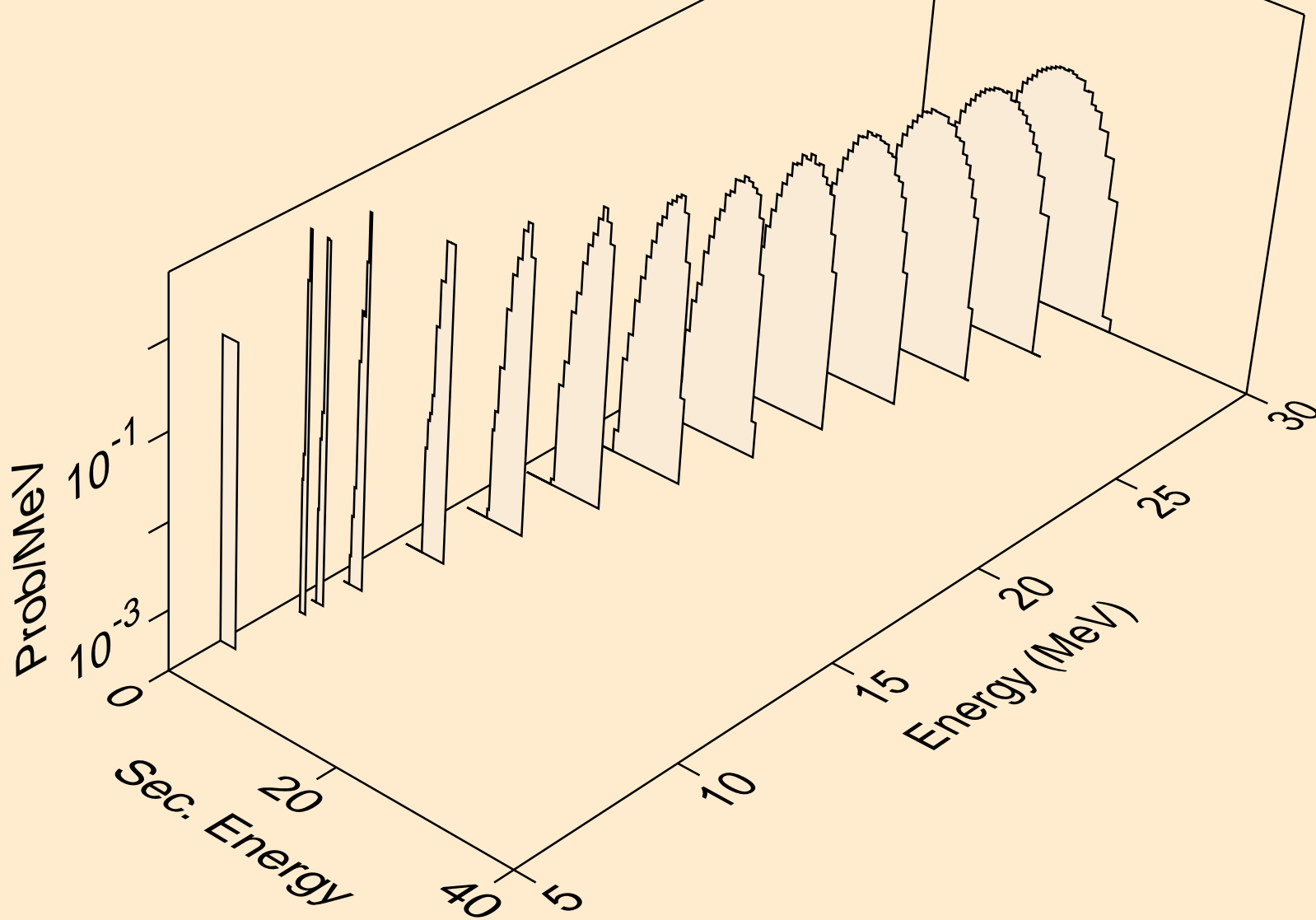
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



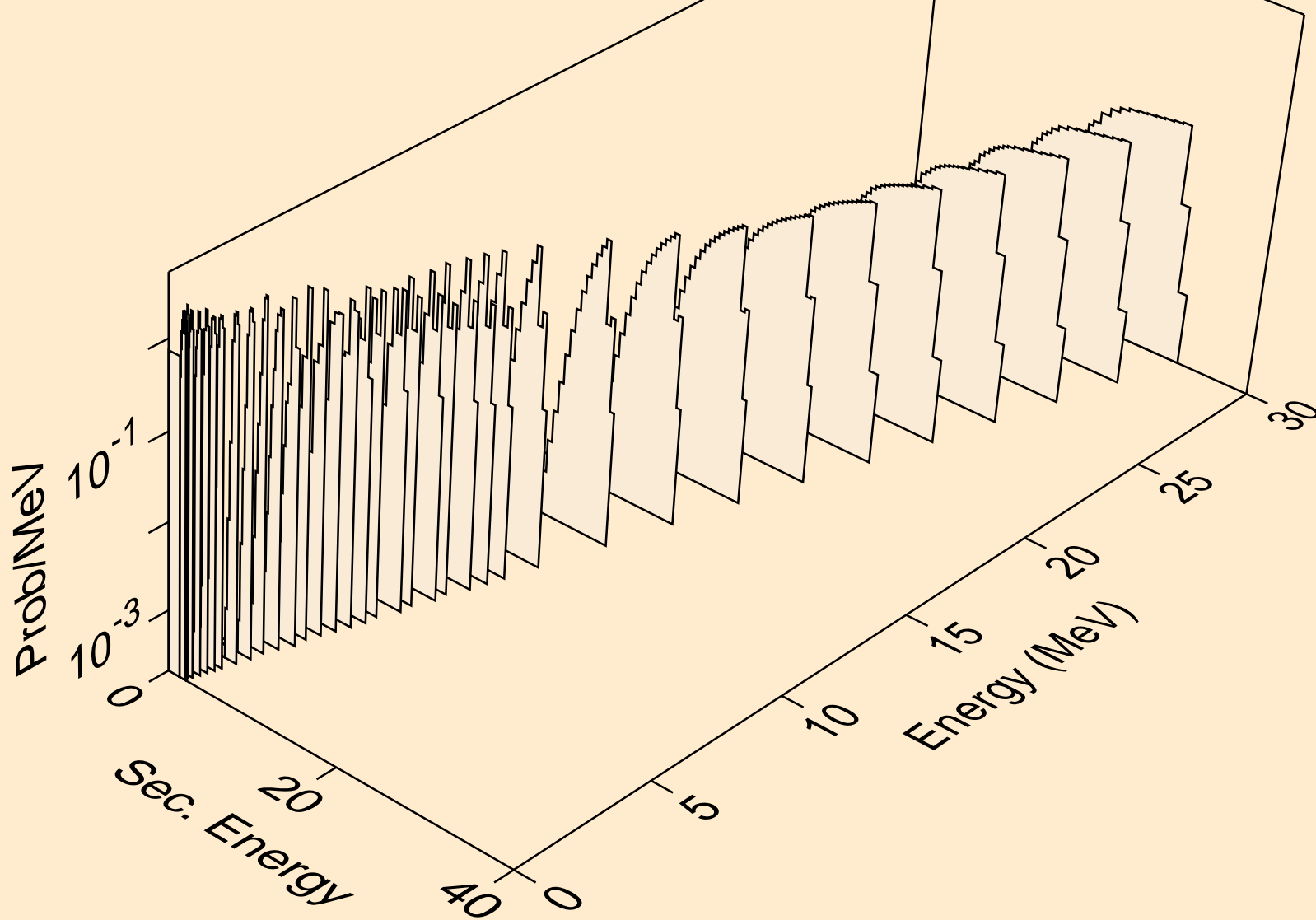
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



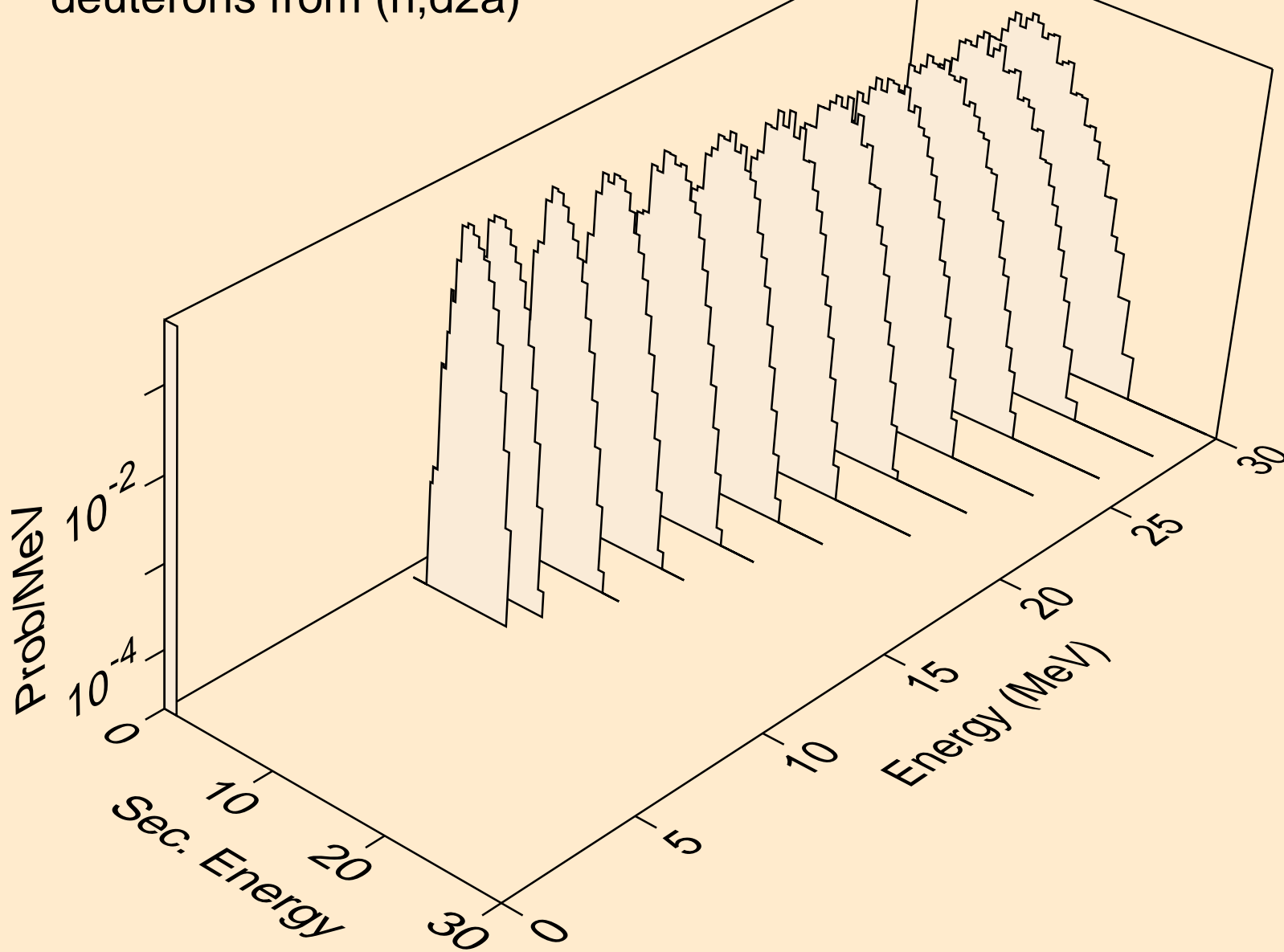
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



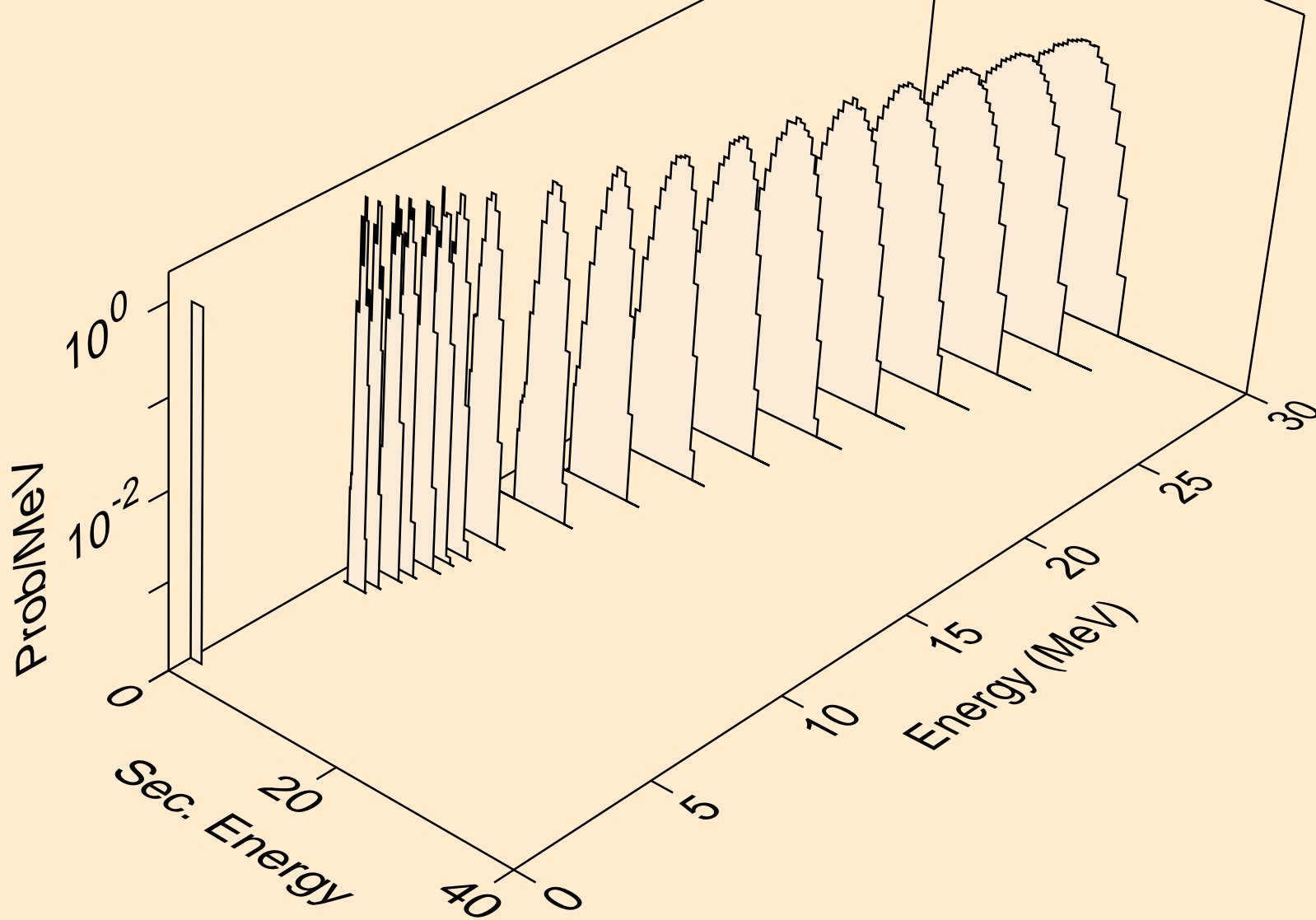
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



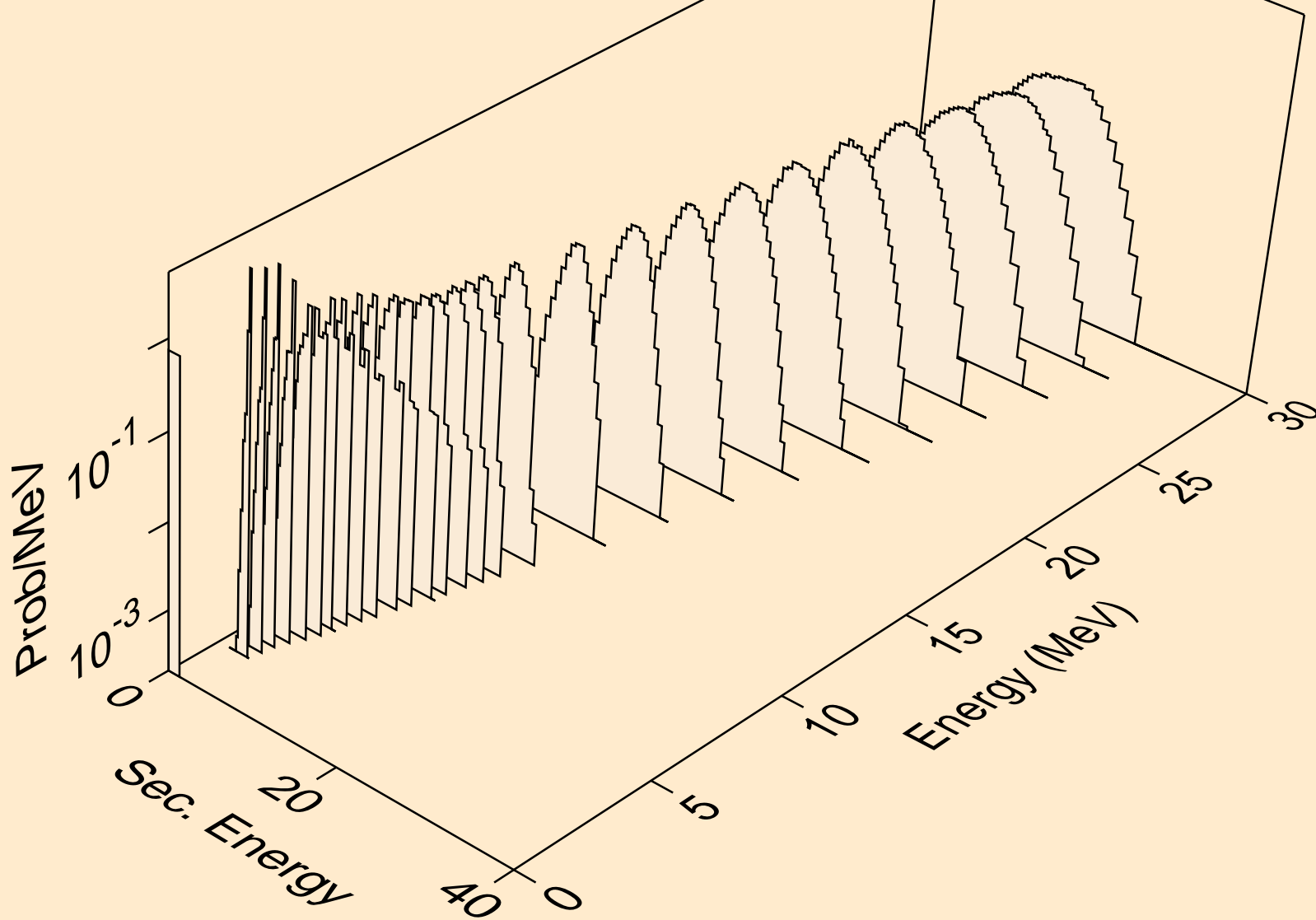
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d2a)



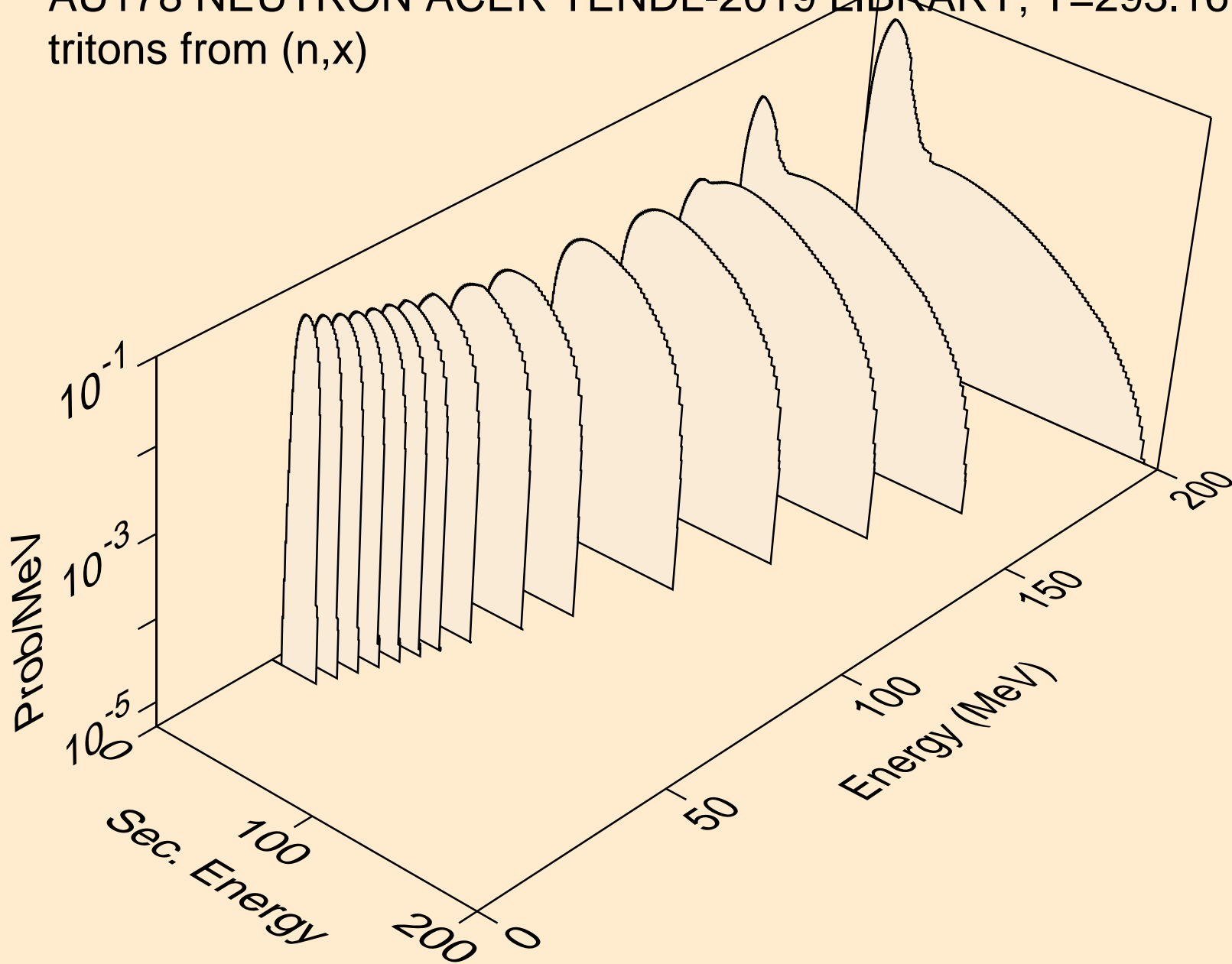
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



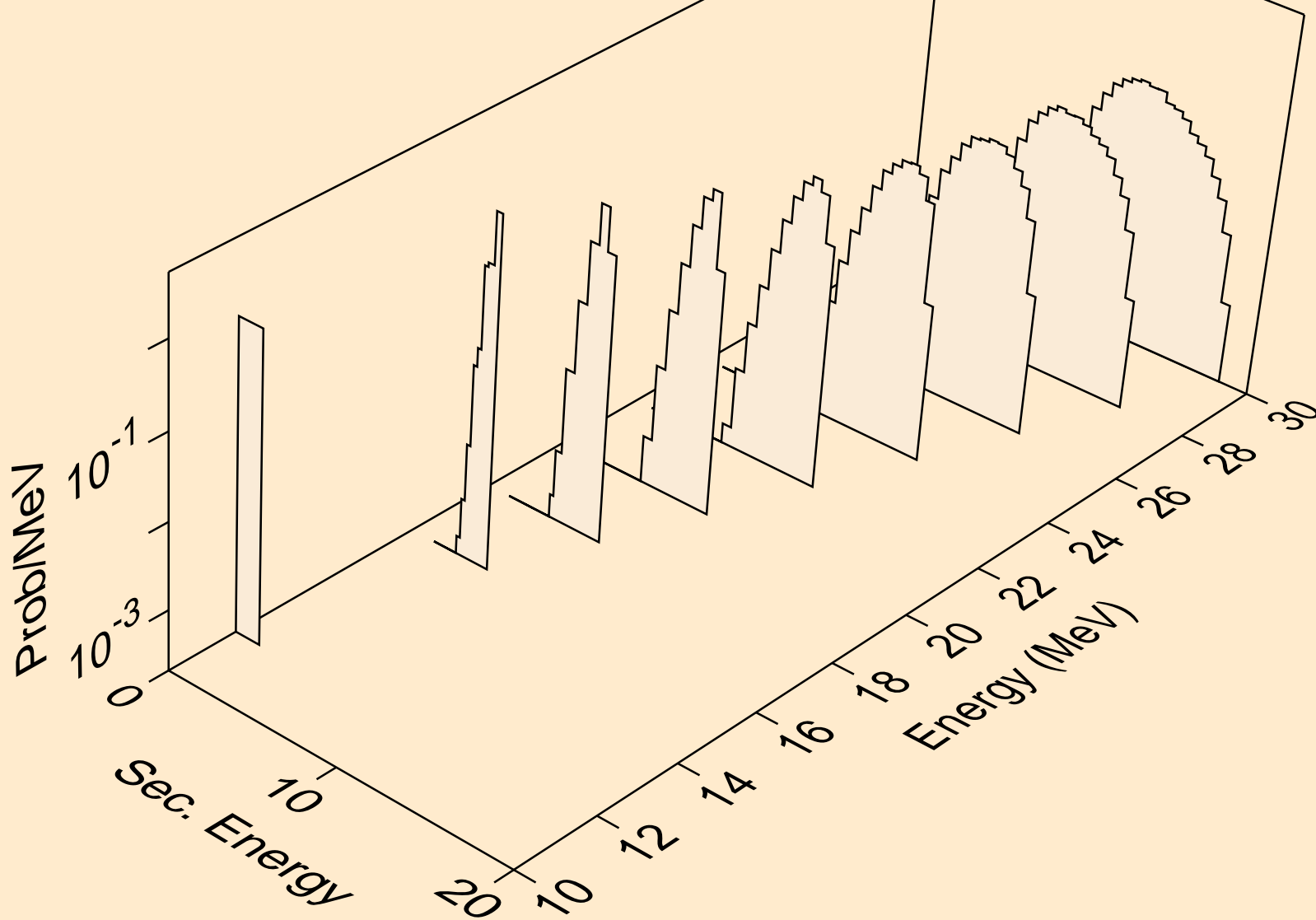
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



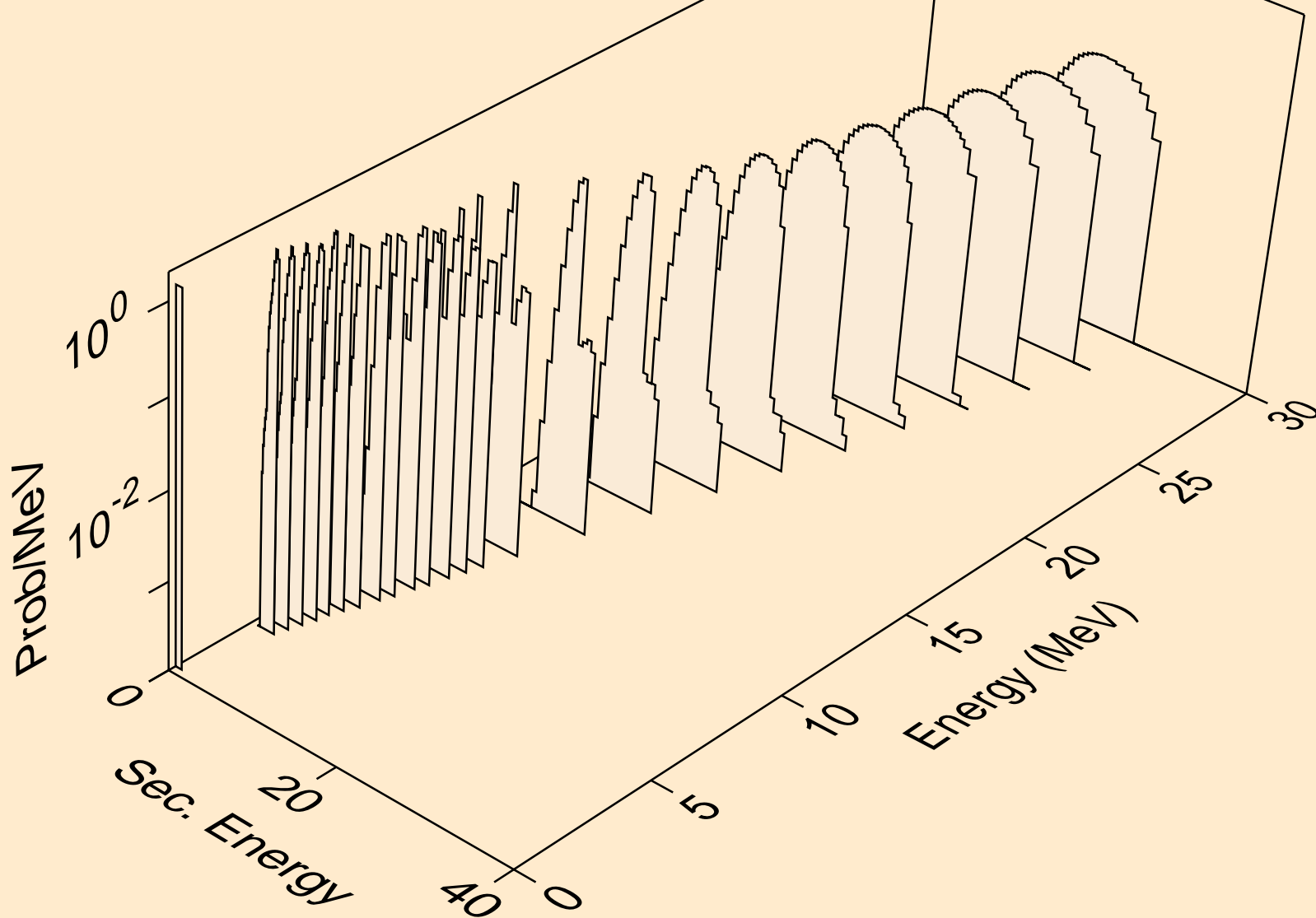
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



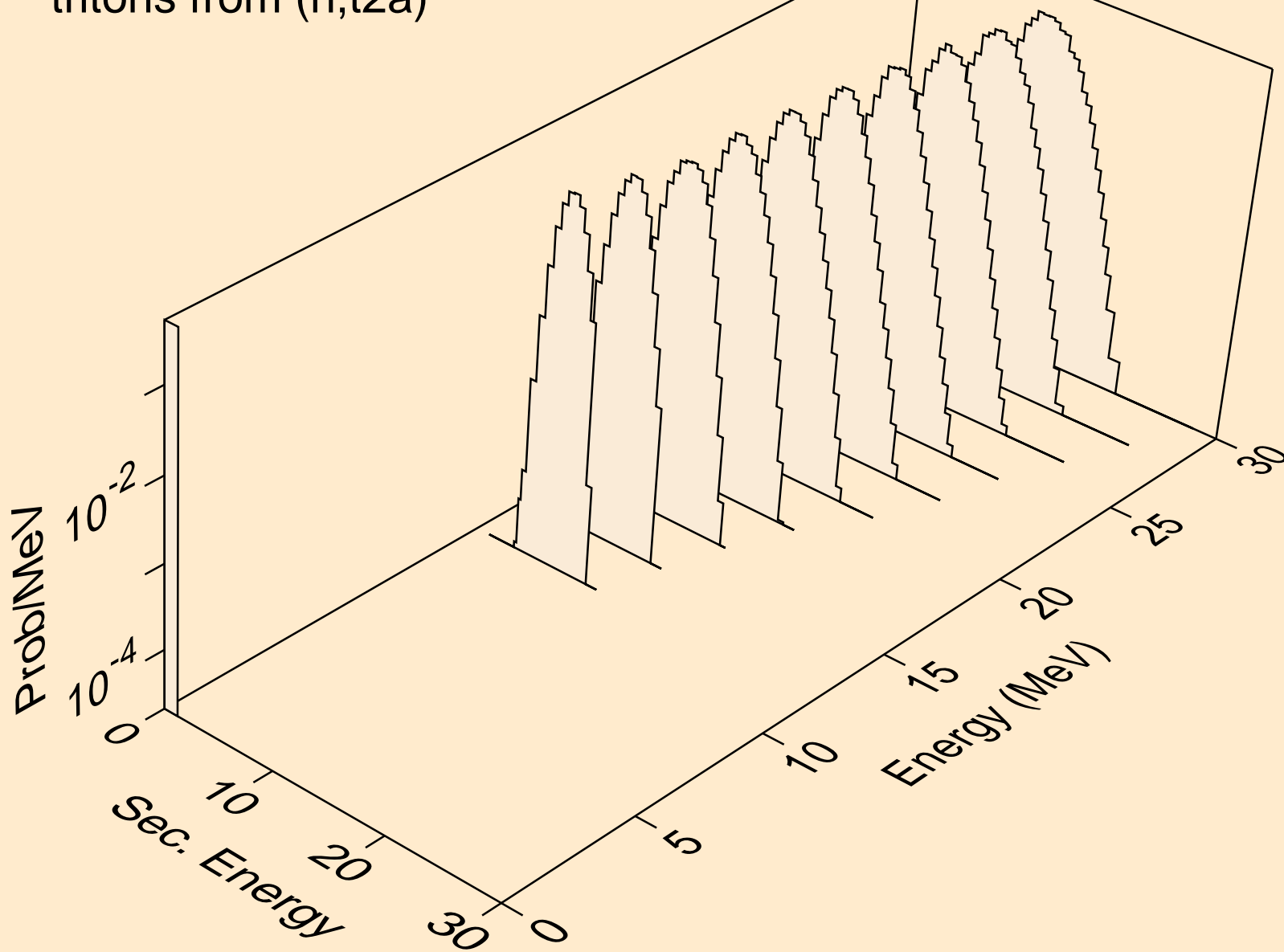
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



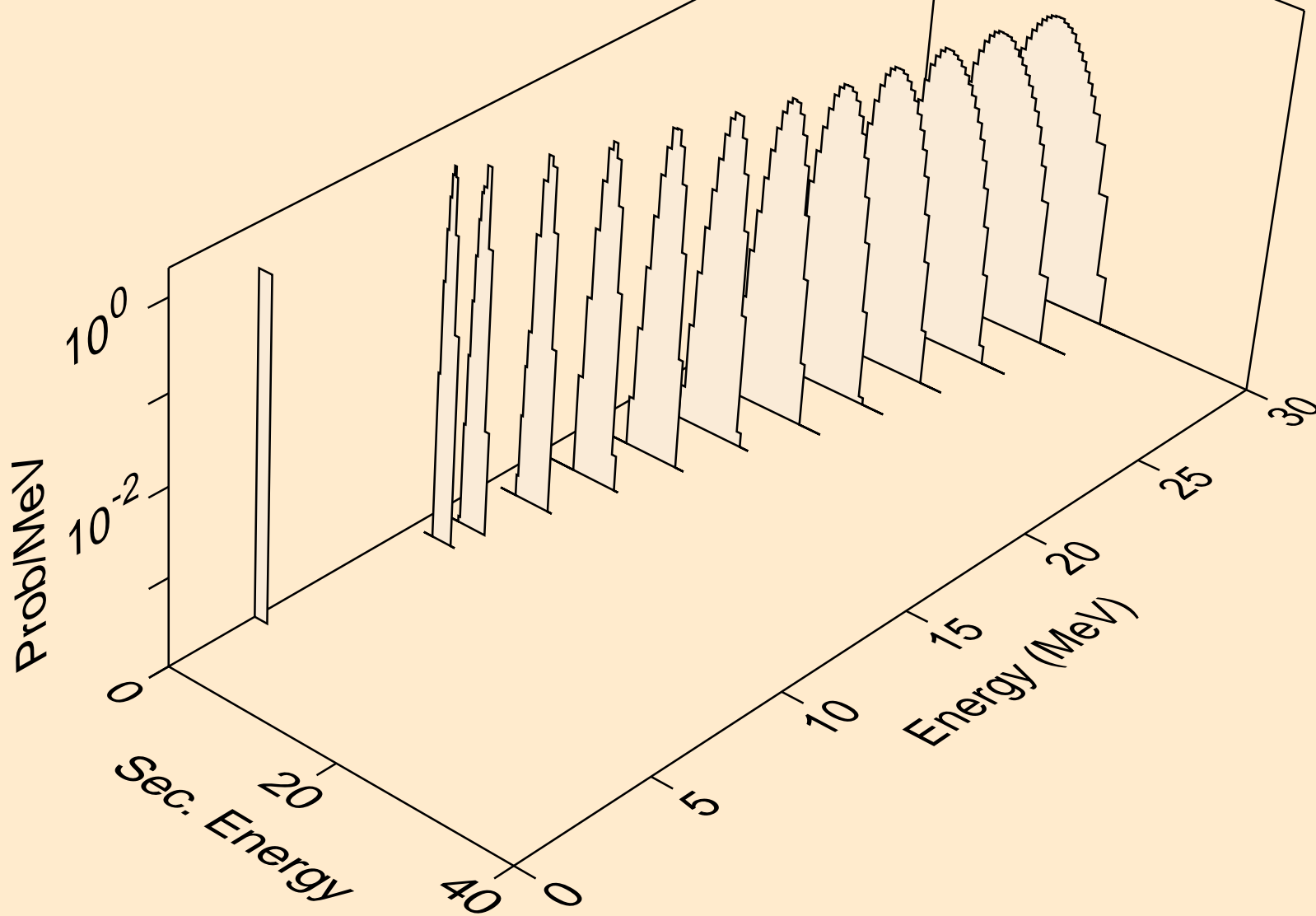
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



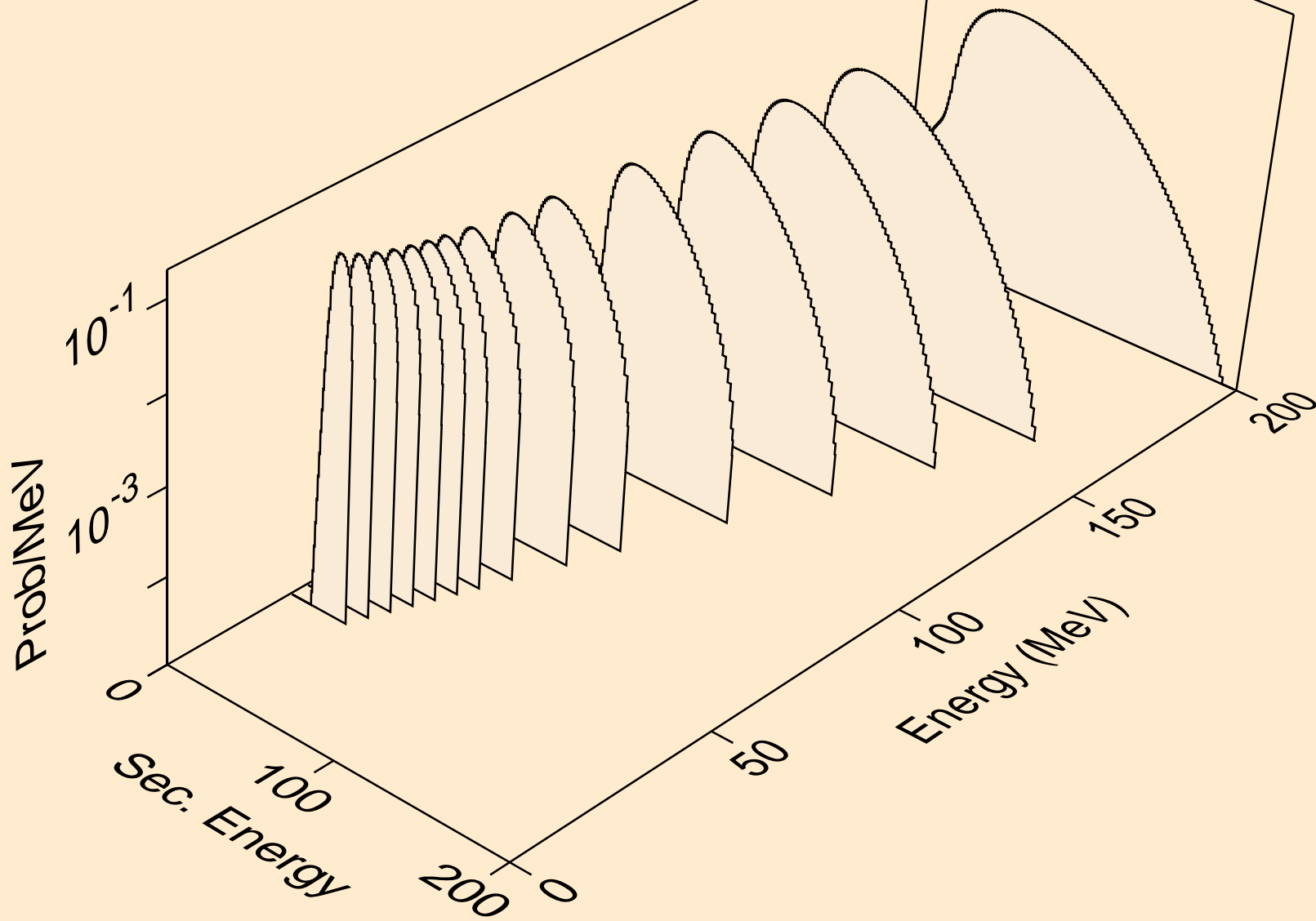
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t2a)



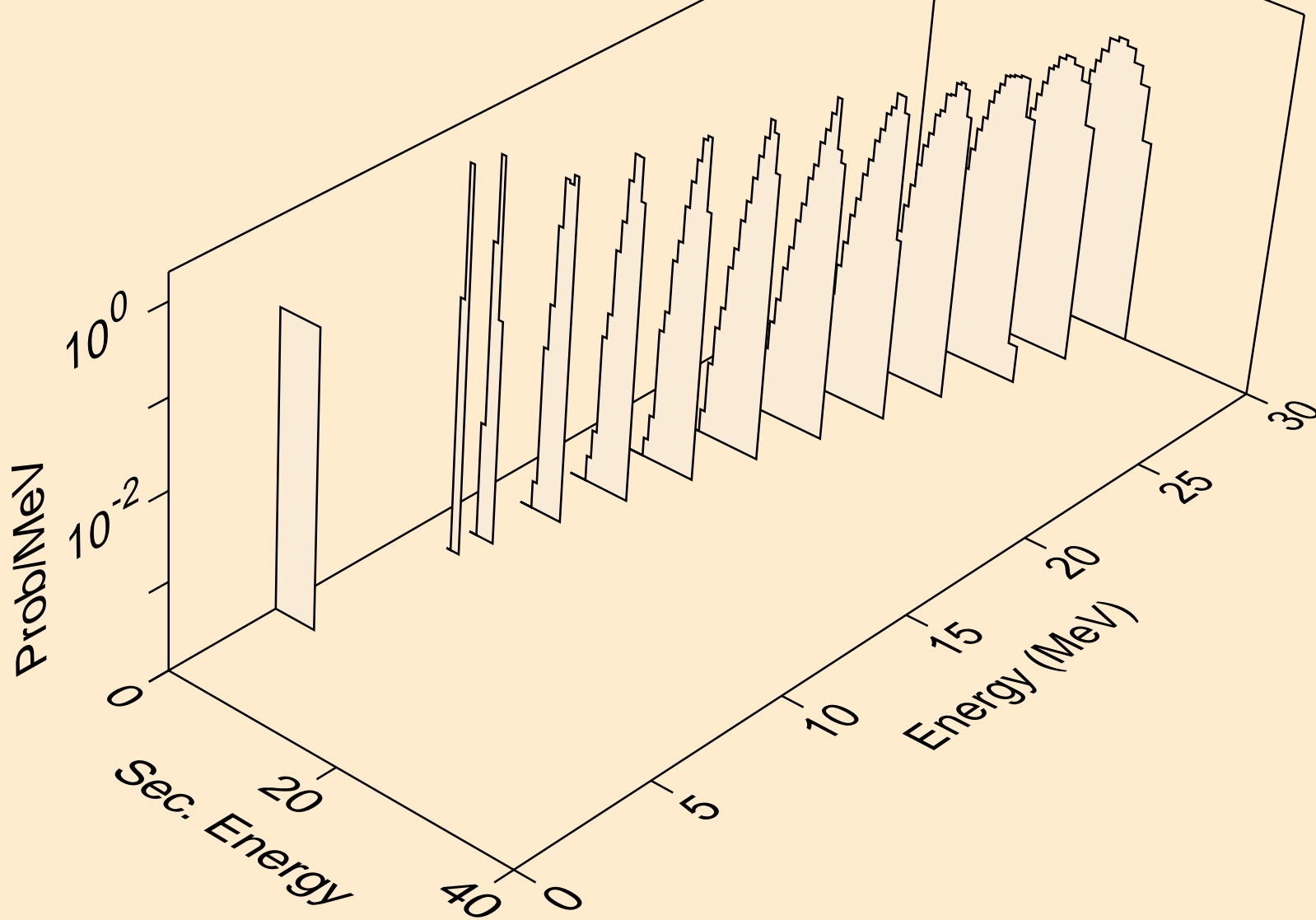
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



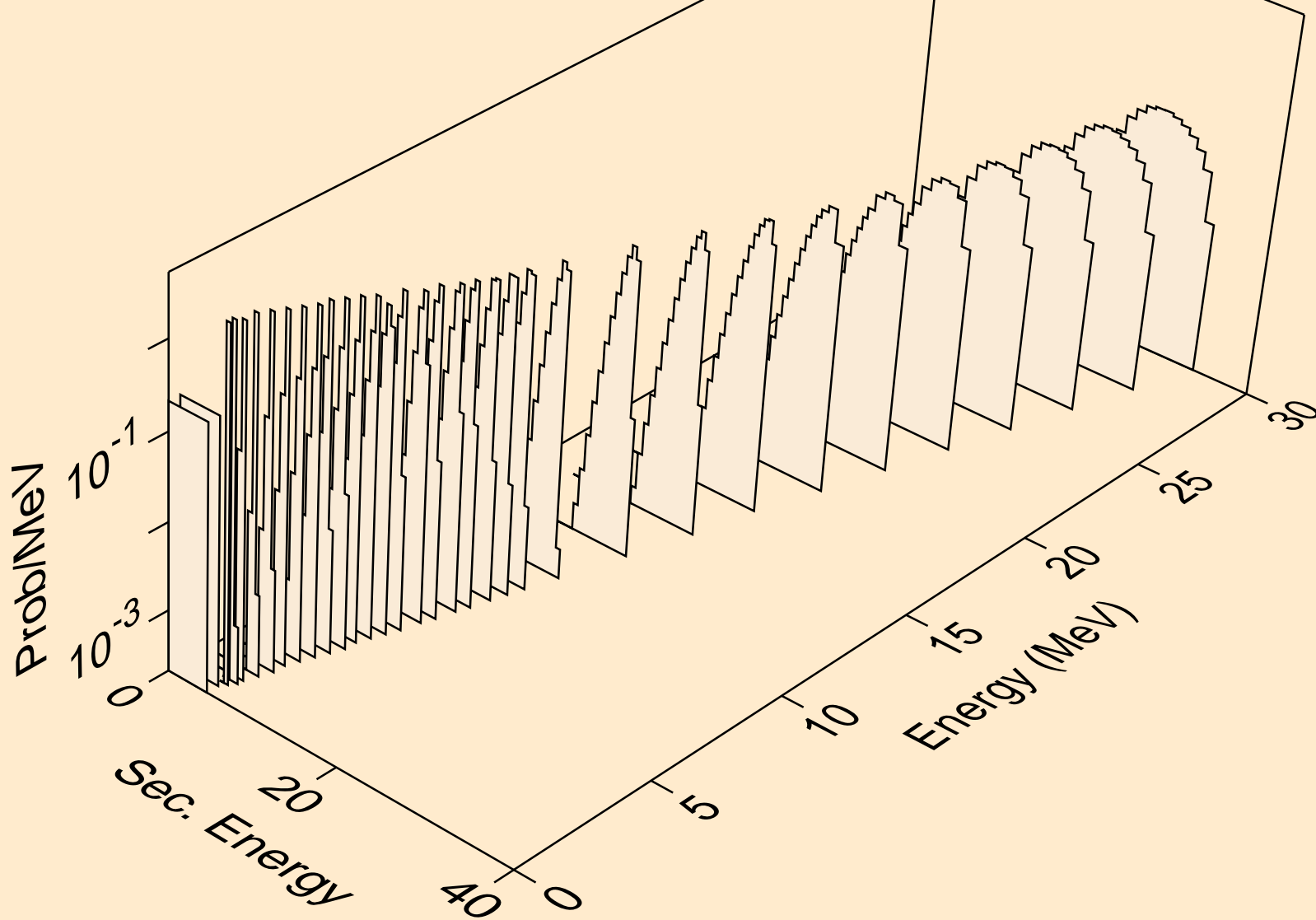
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



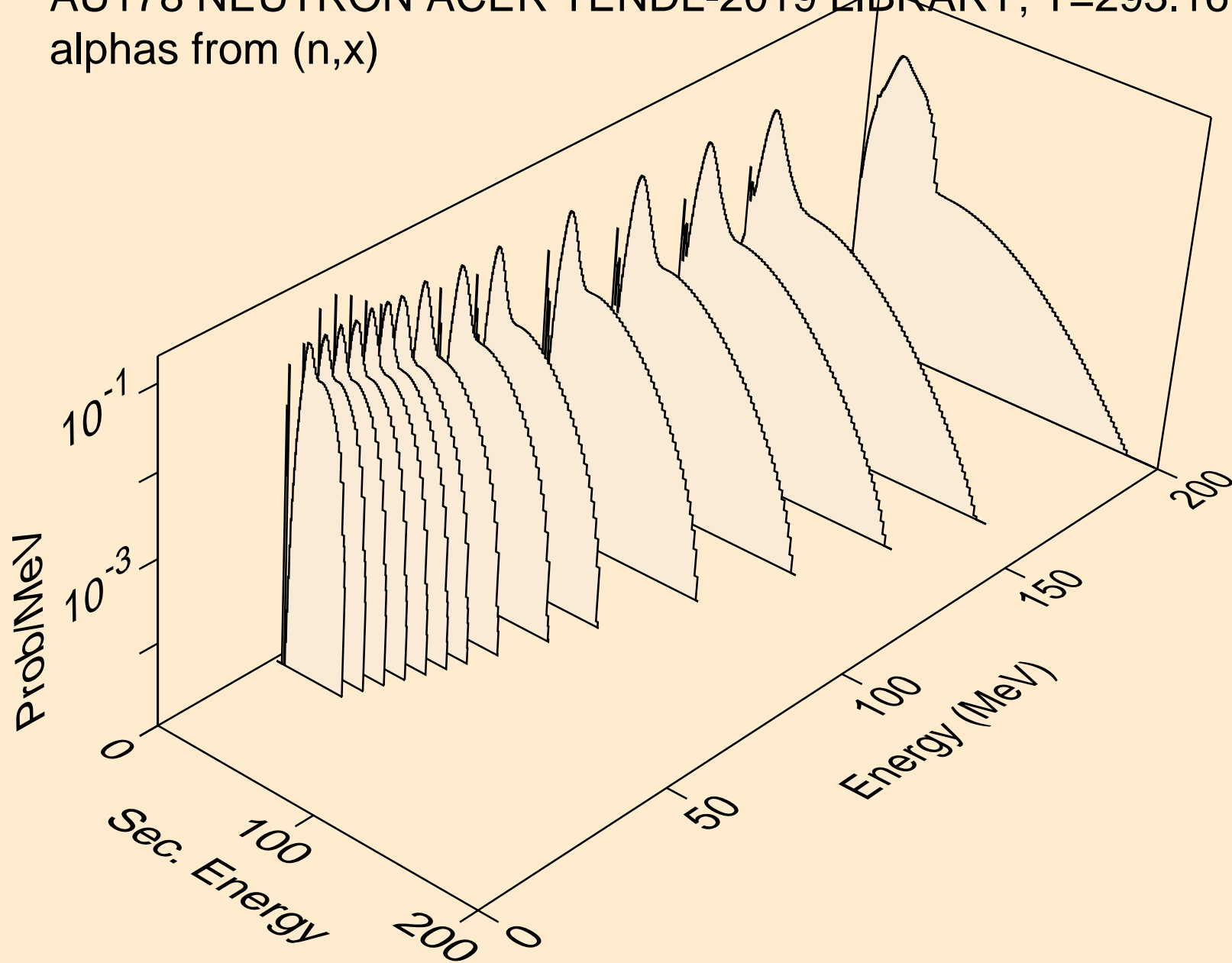
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



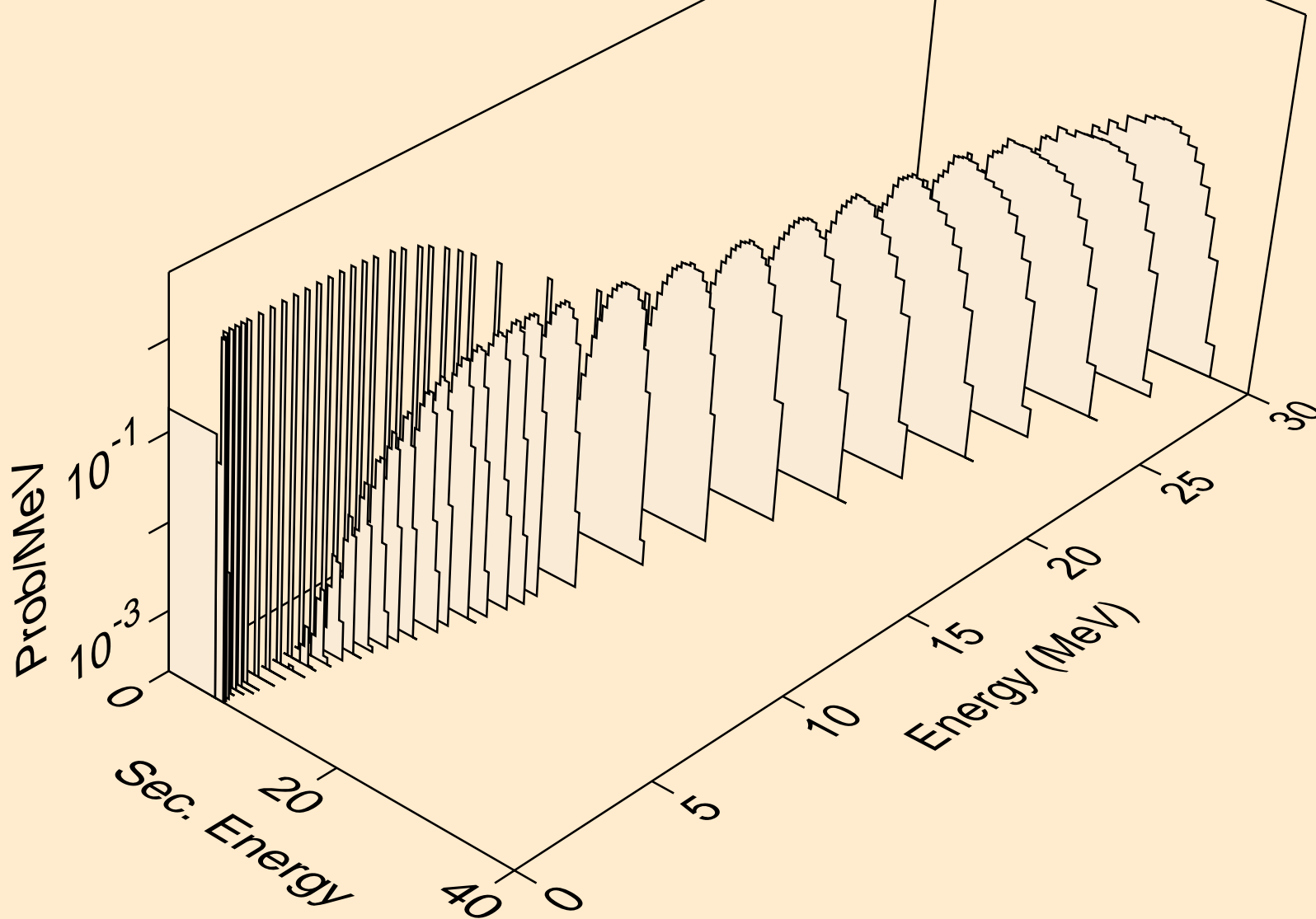
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



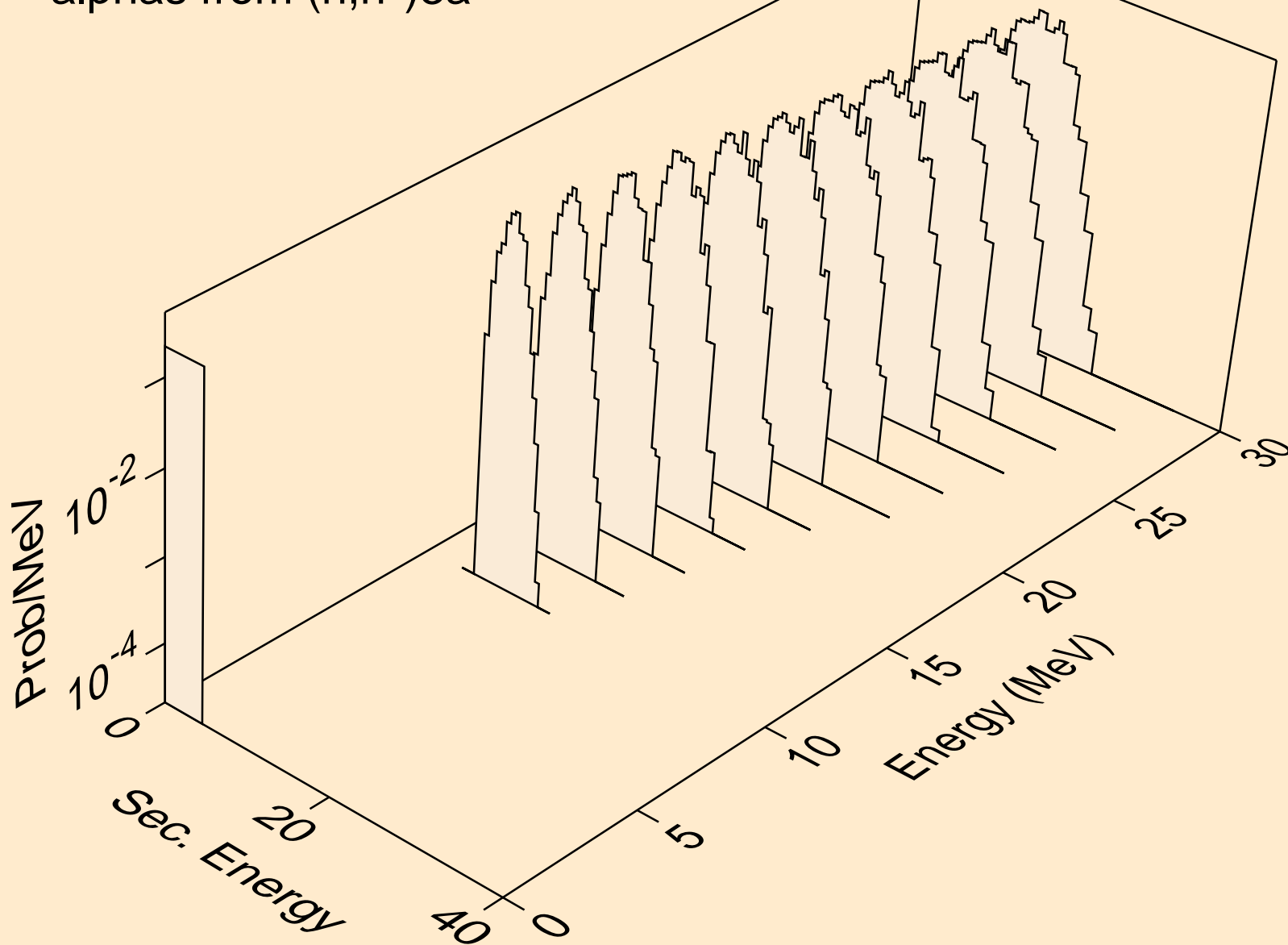
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



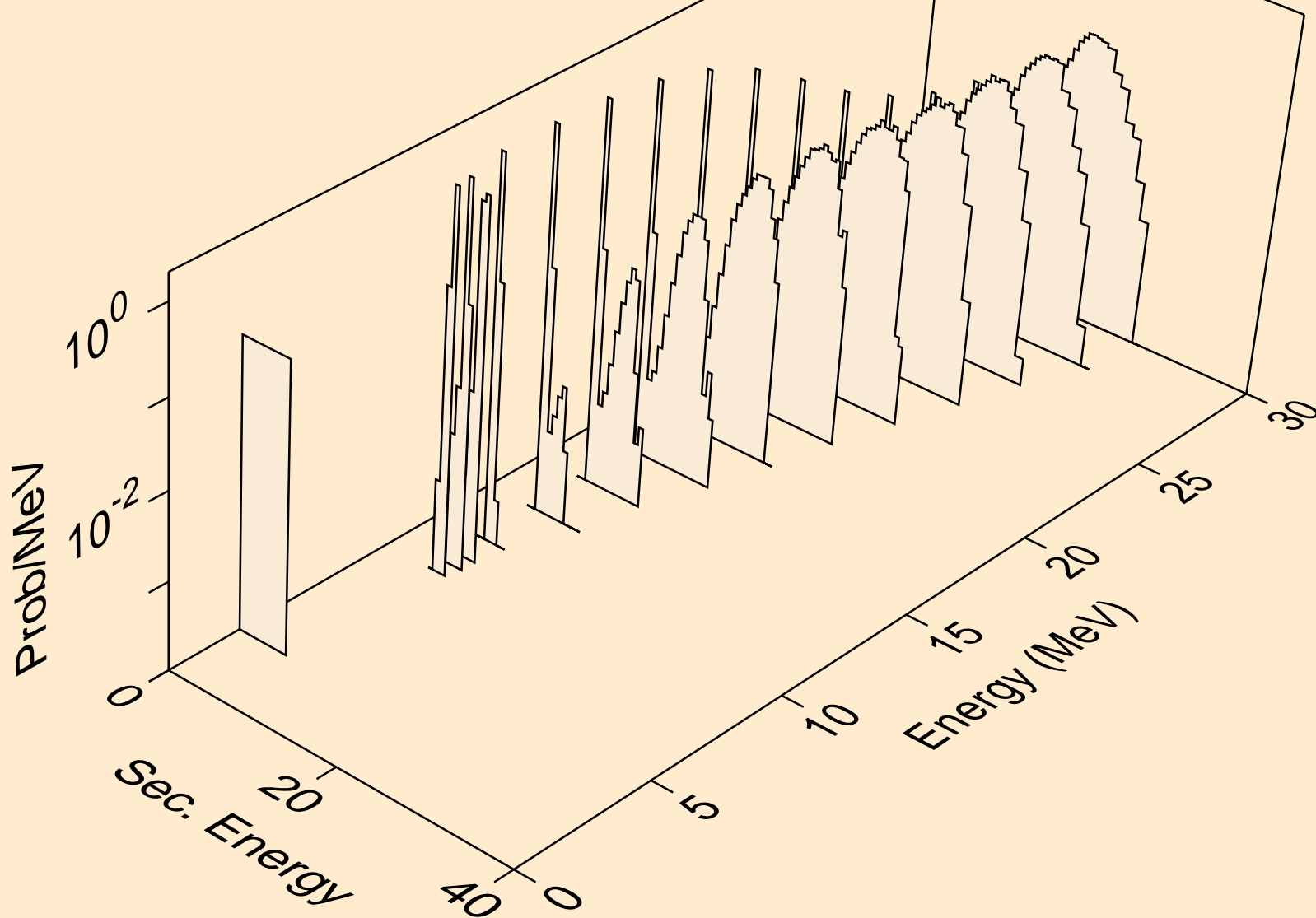
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



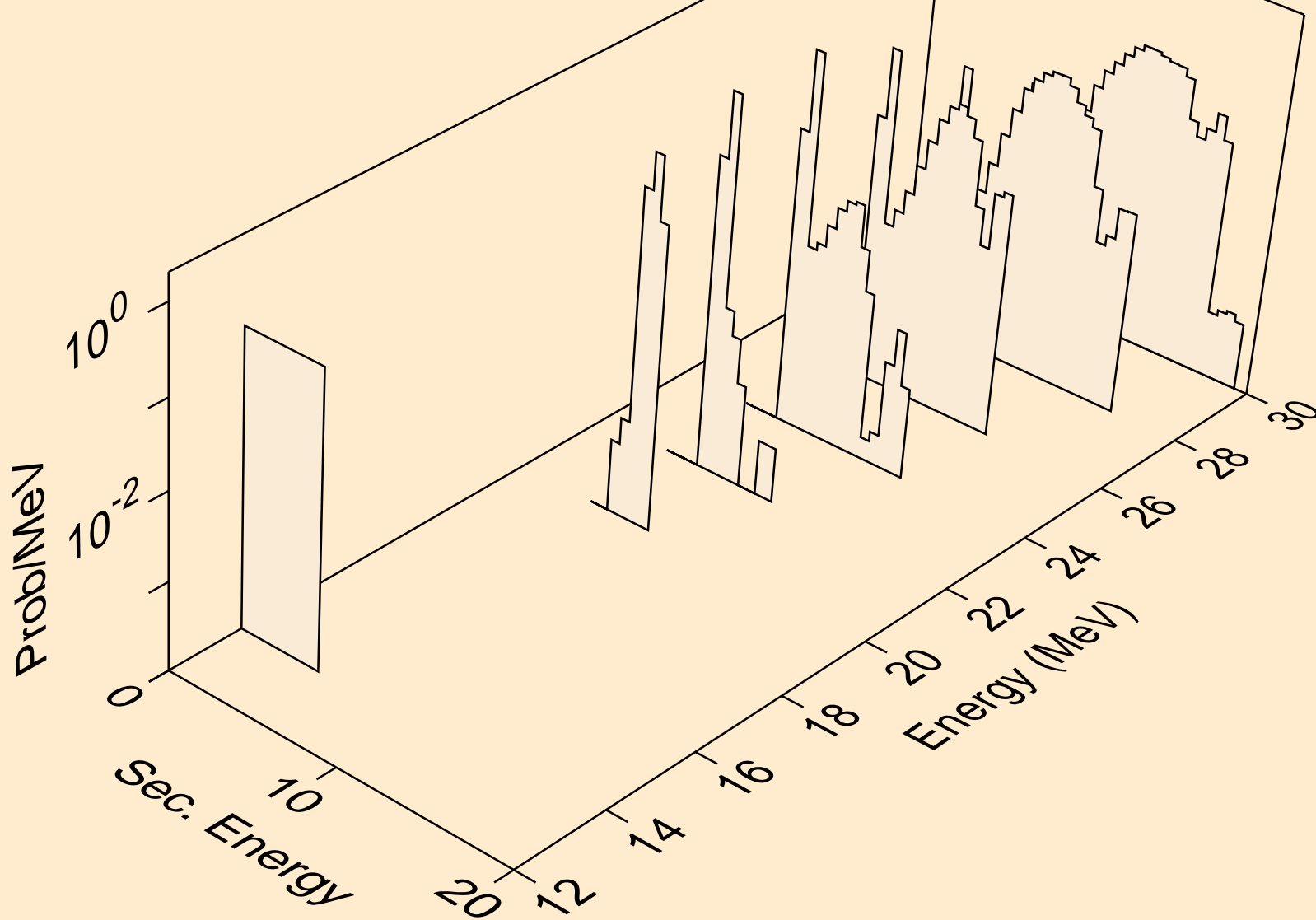
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)3a



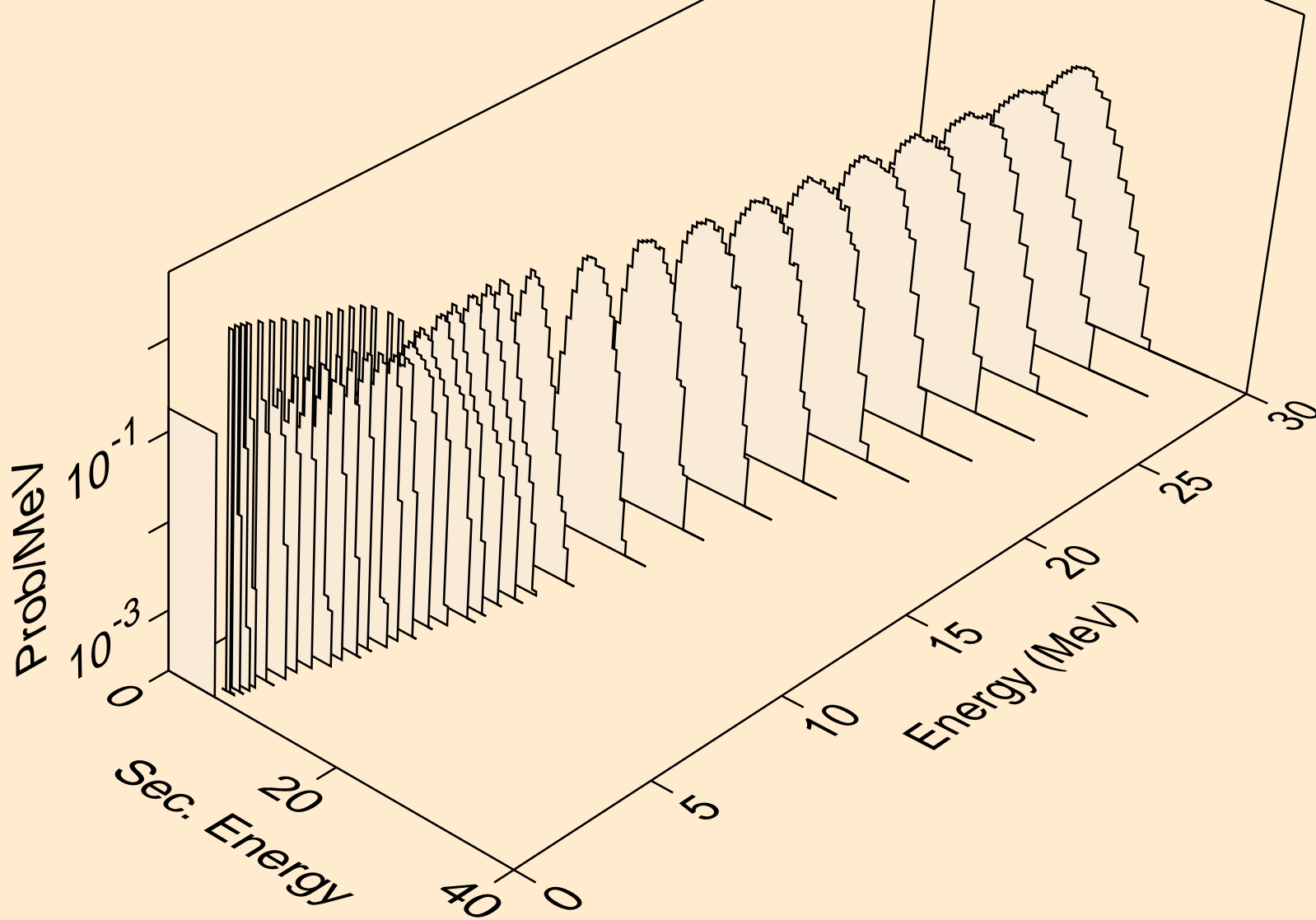
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



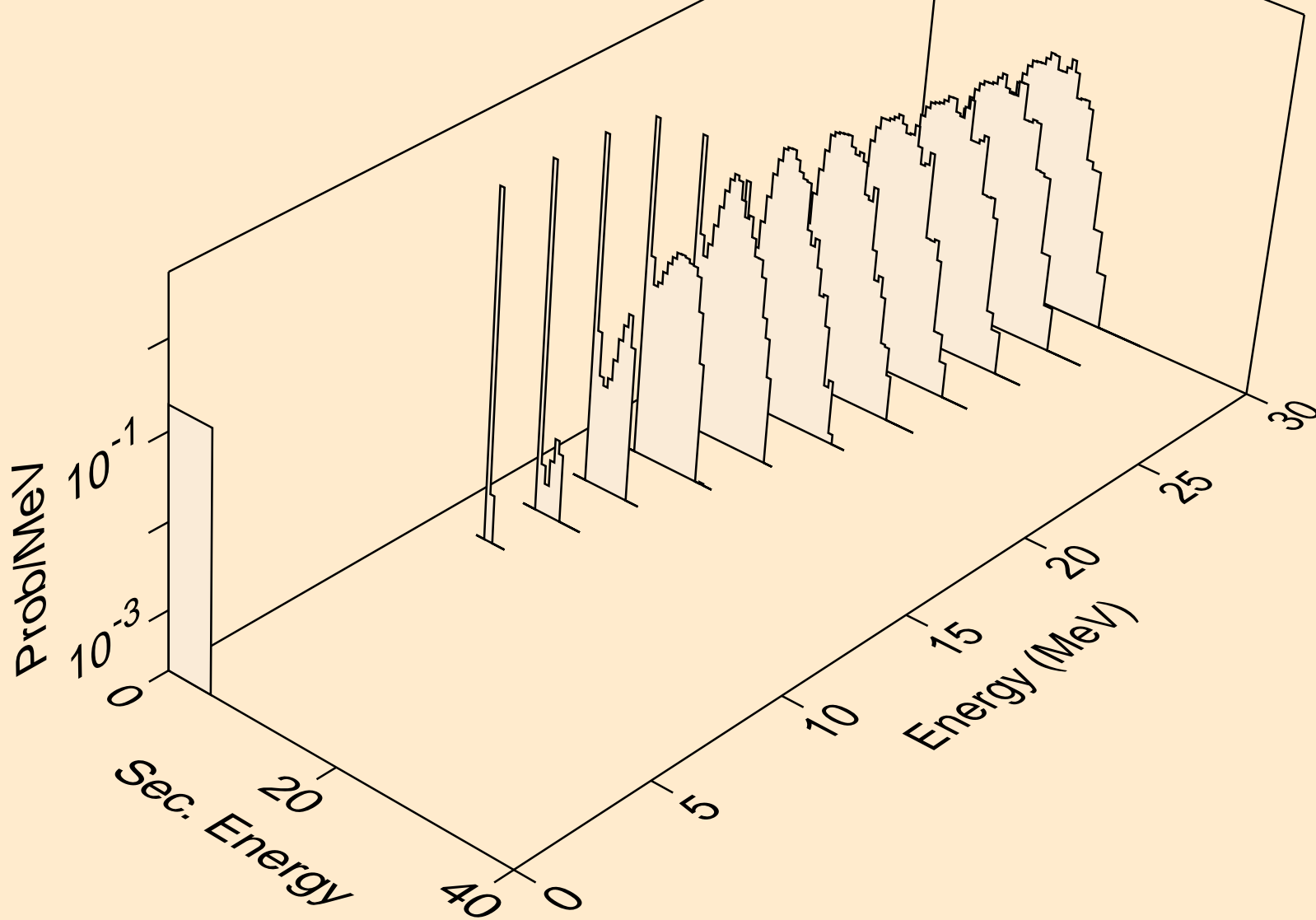
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



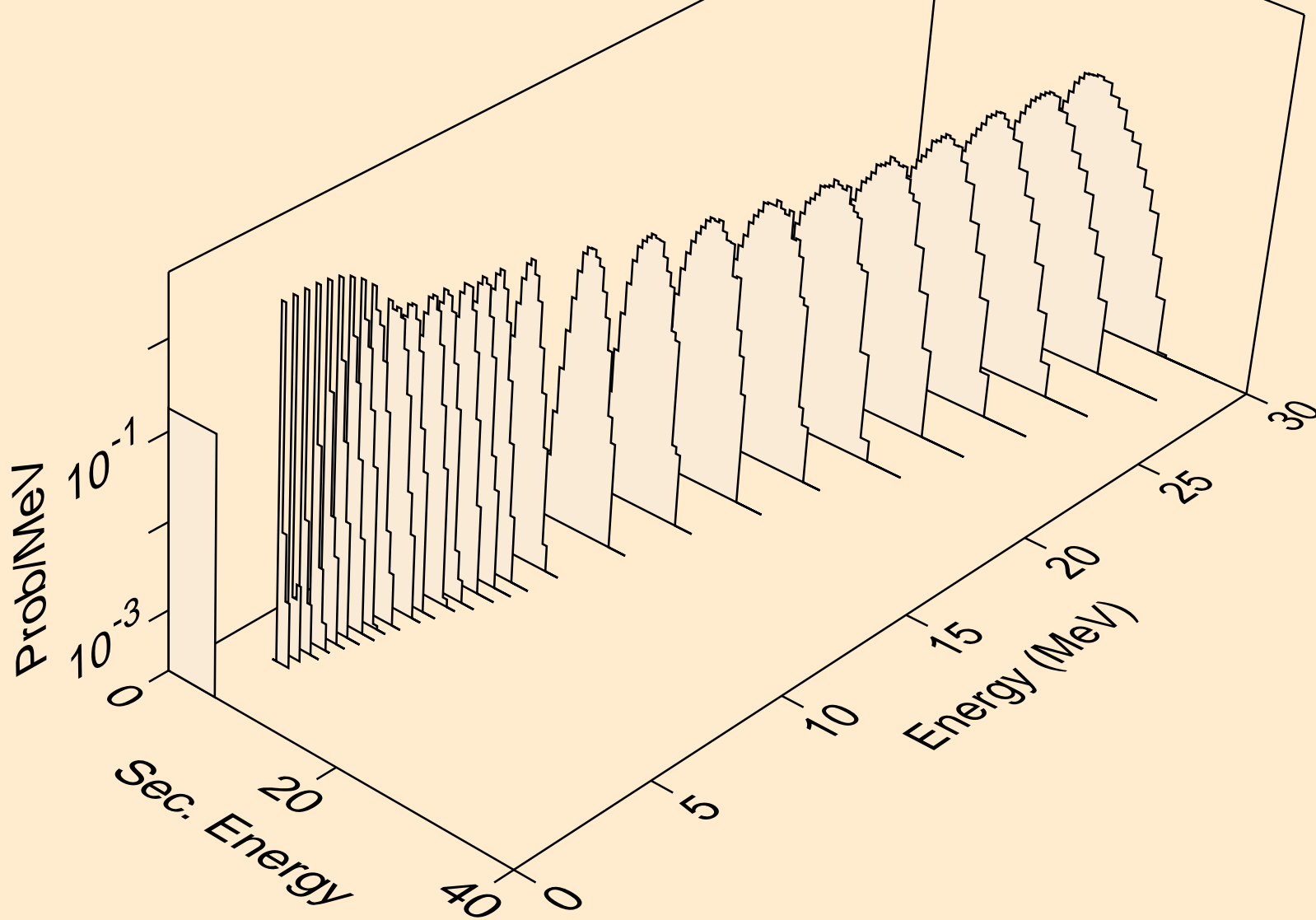
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



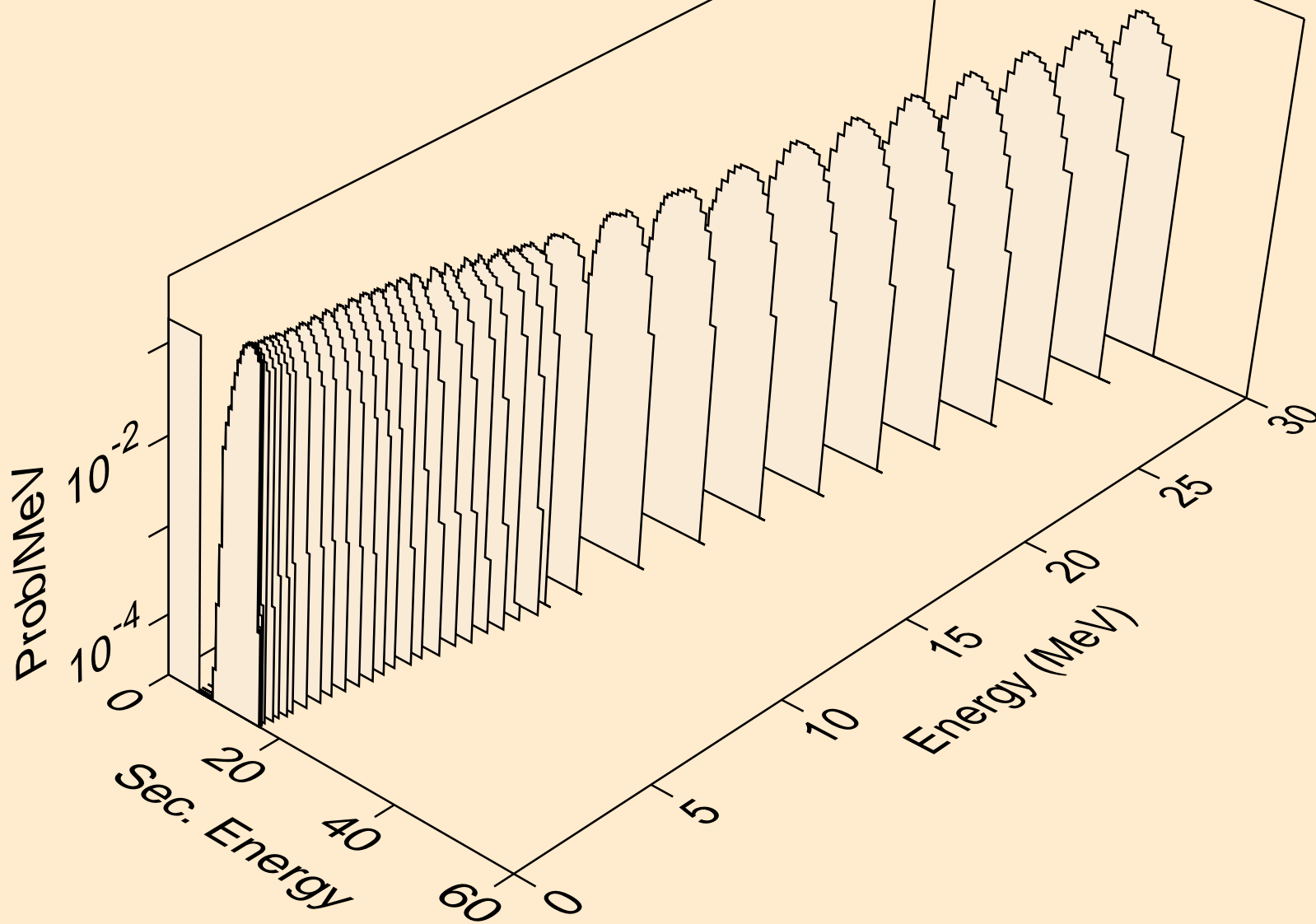
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



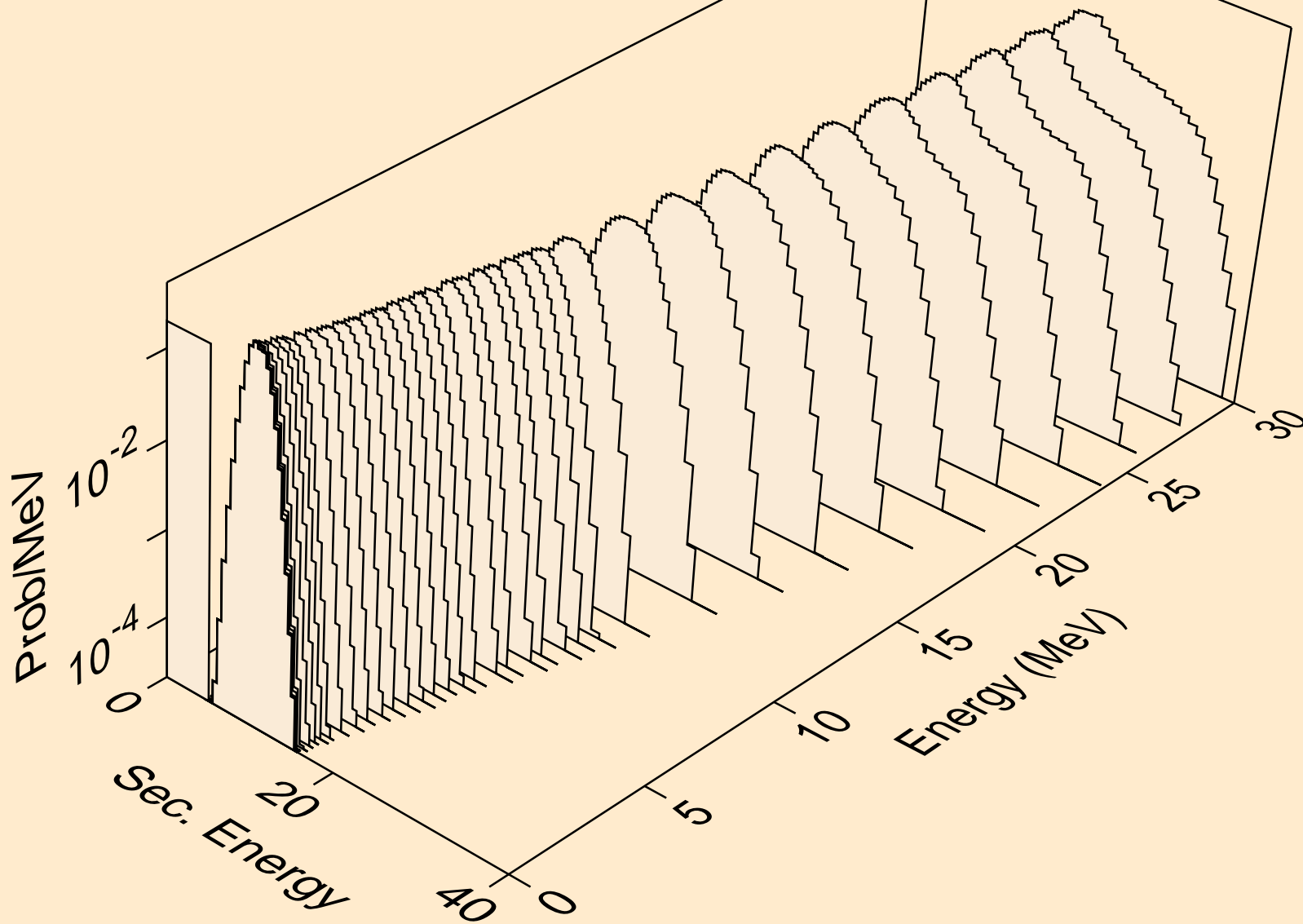
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



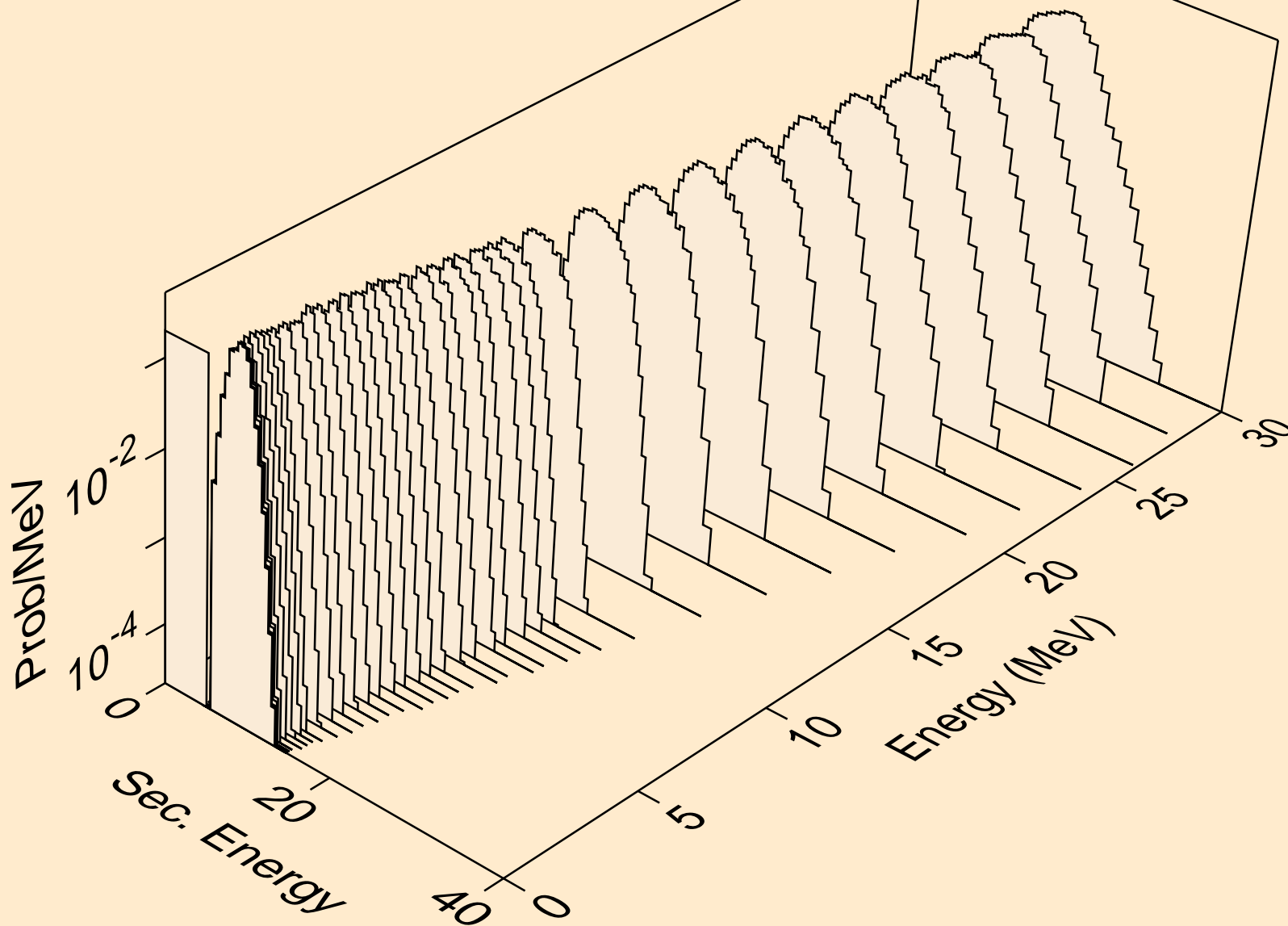
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



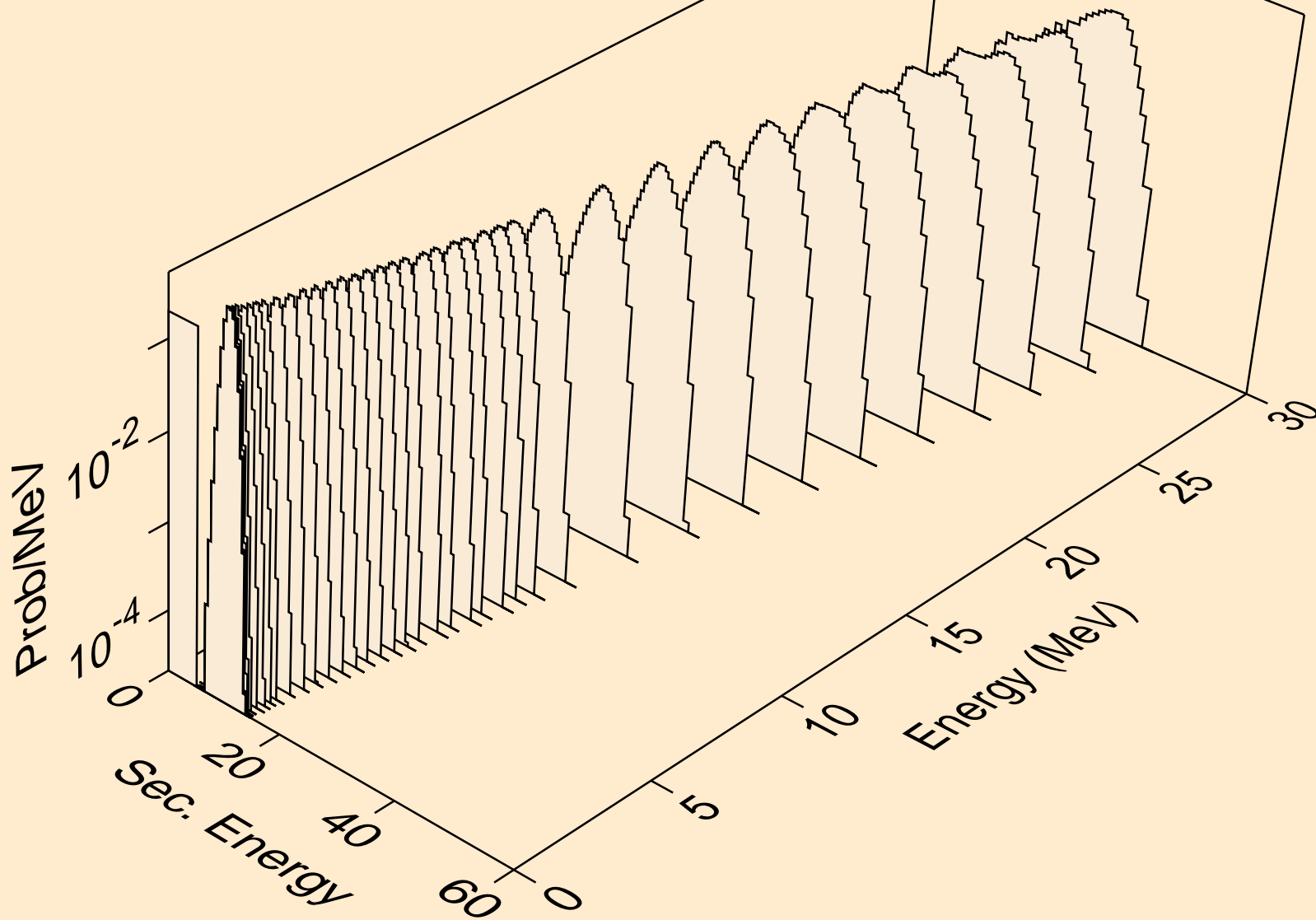
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



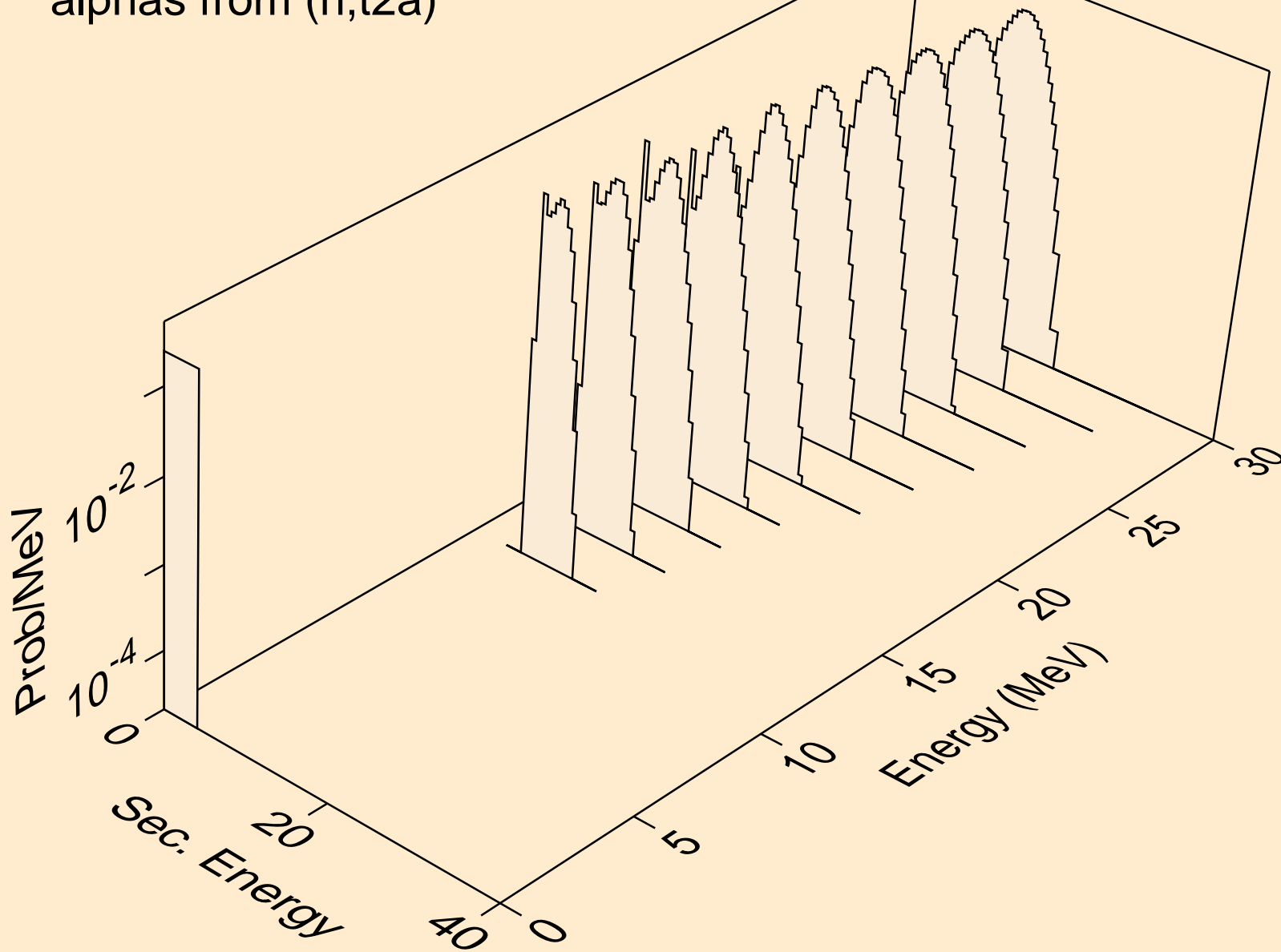
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



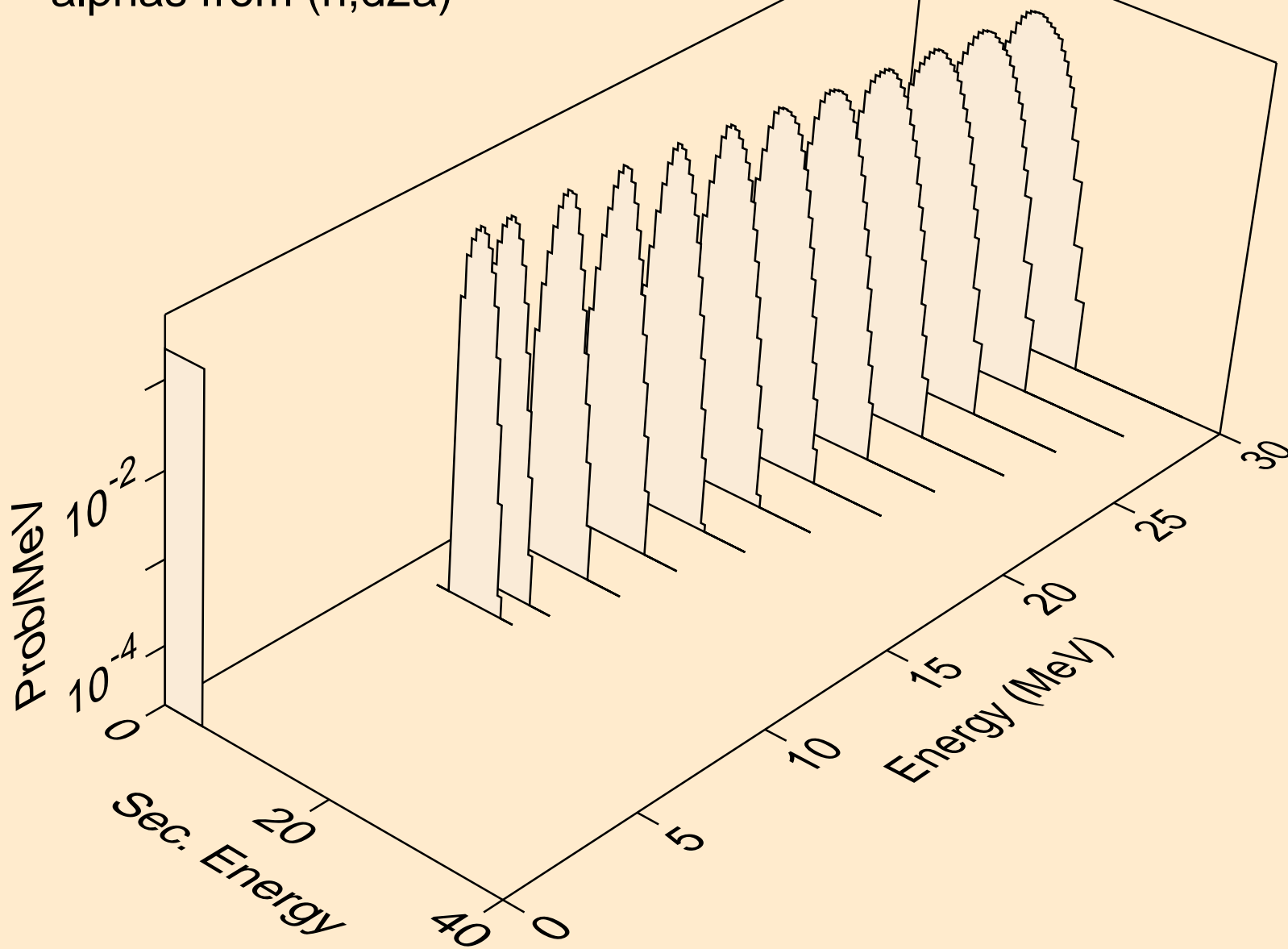
AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,t2a)



AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,d2a)



AU178 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

