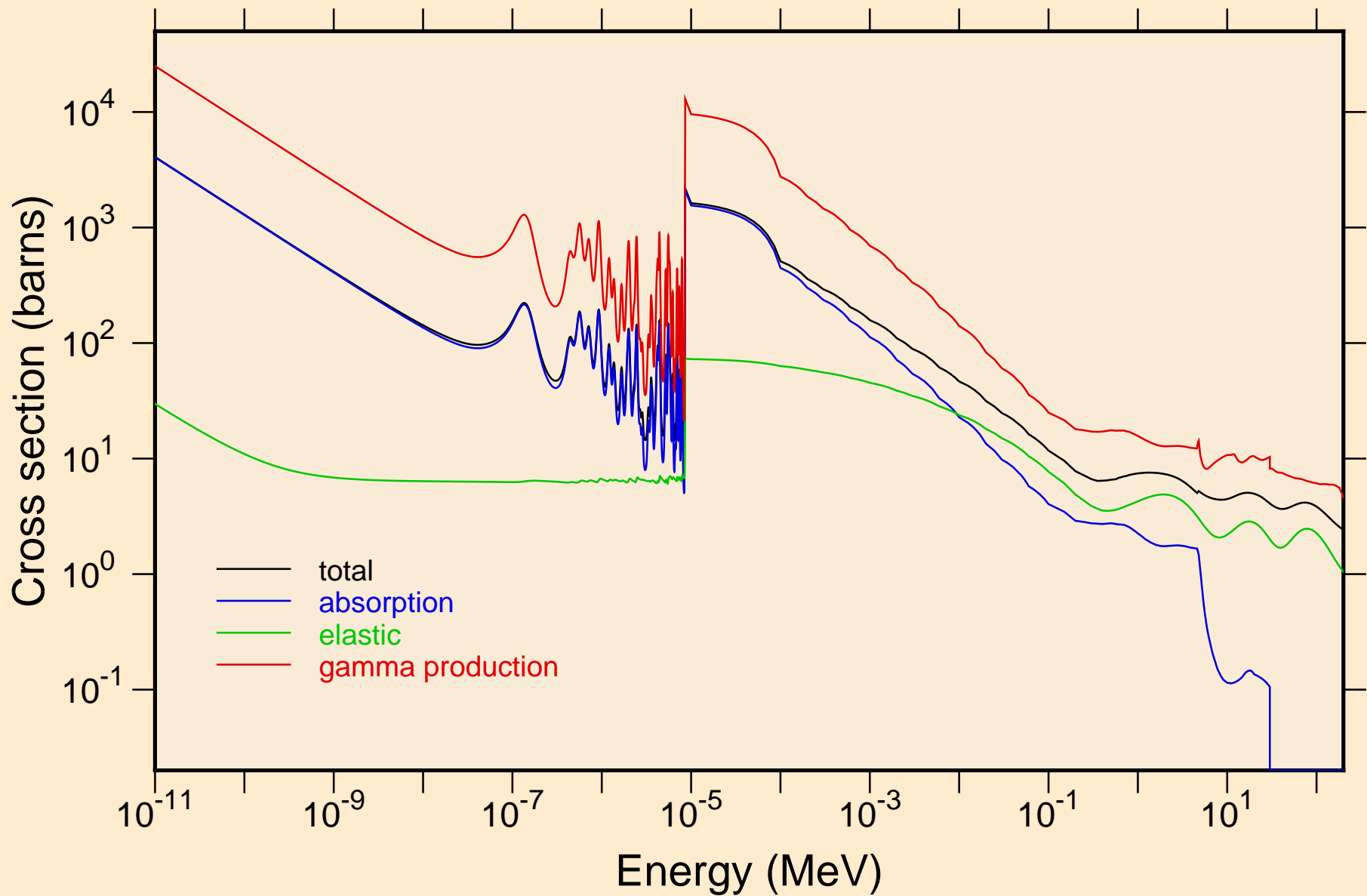
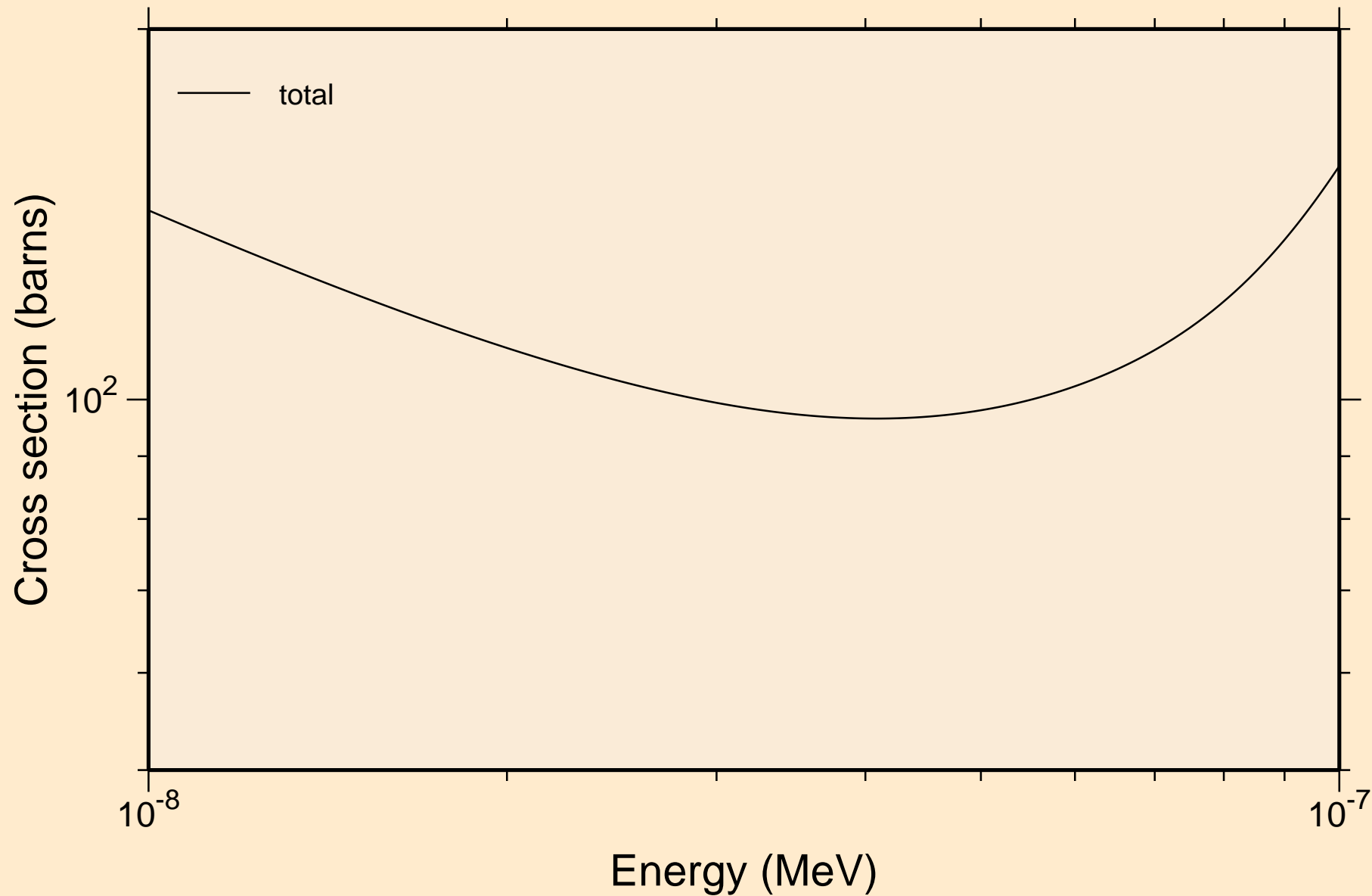


HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

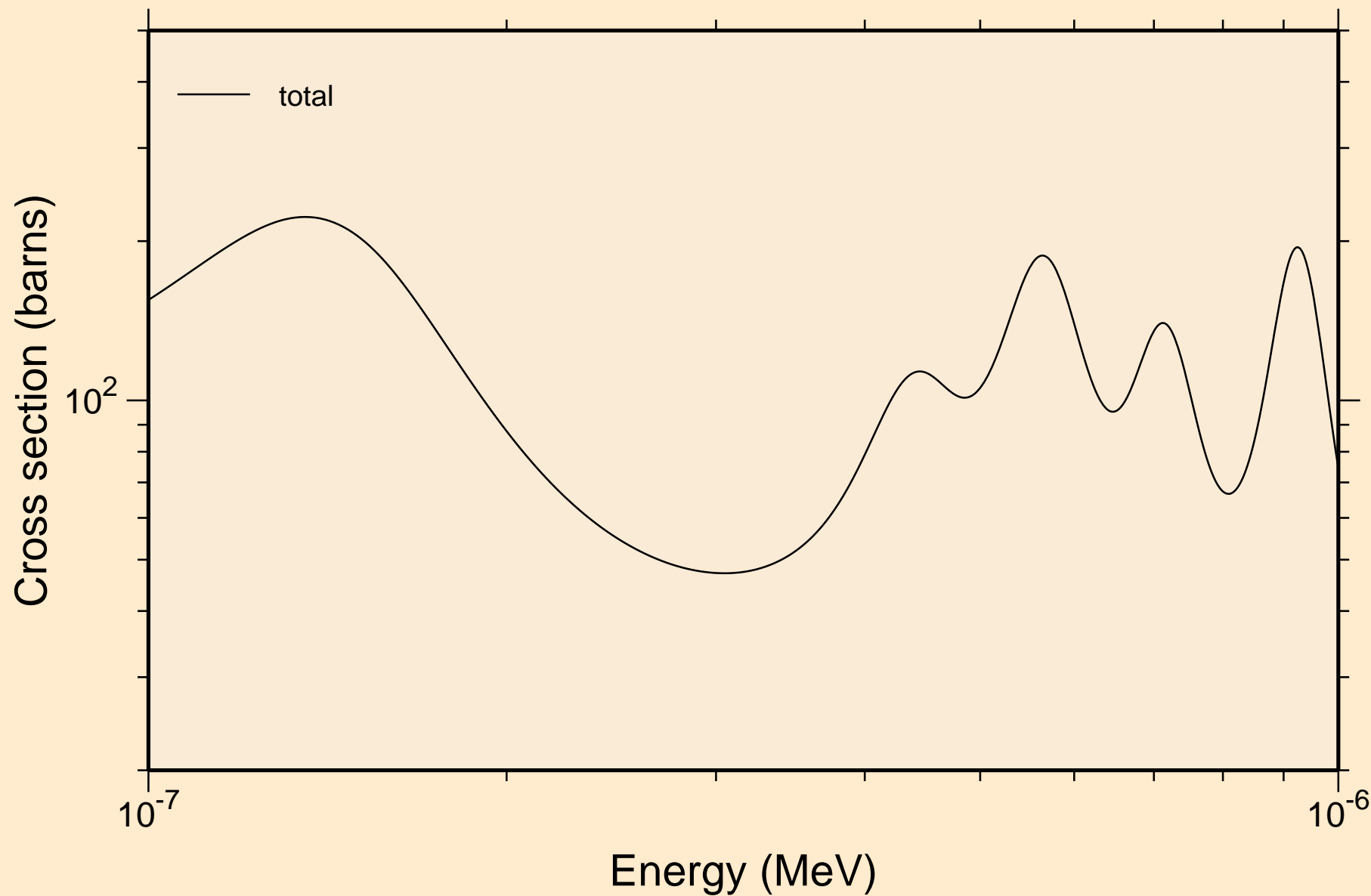
Principal cross sections



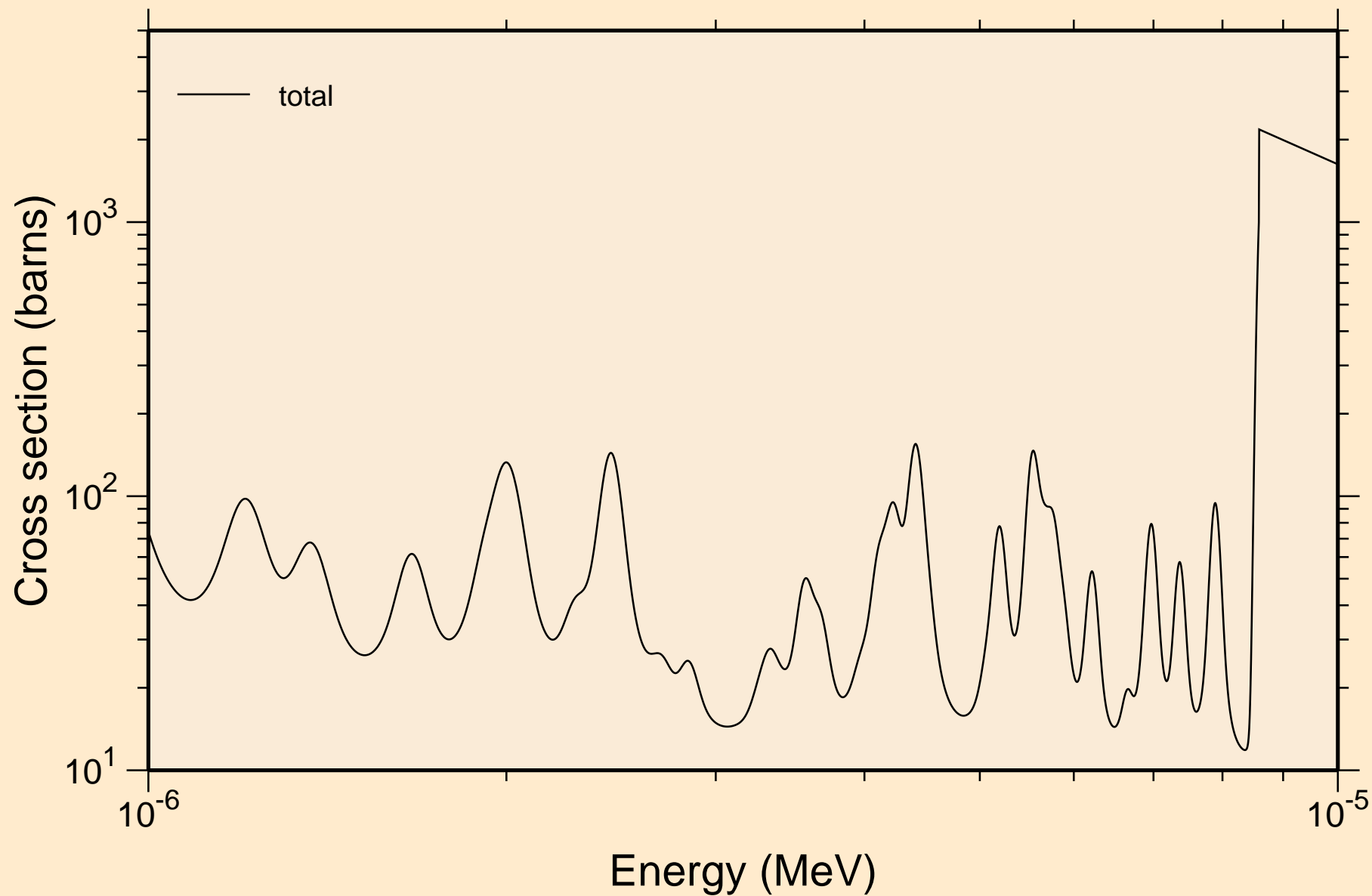
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



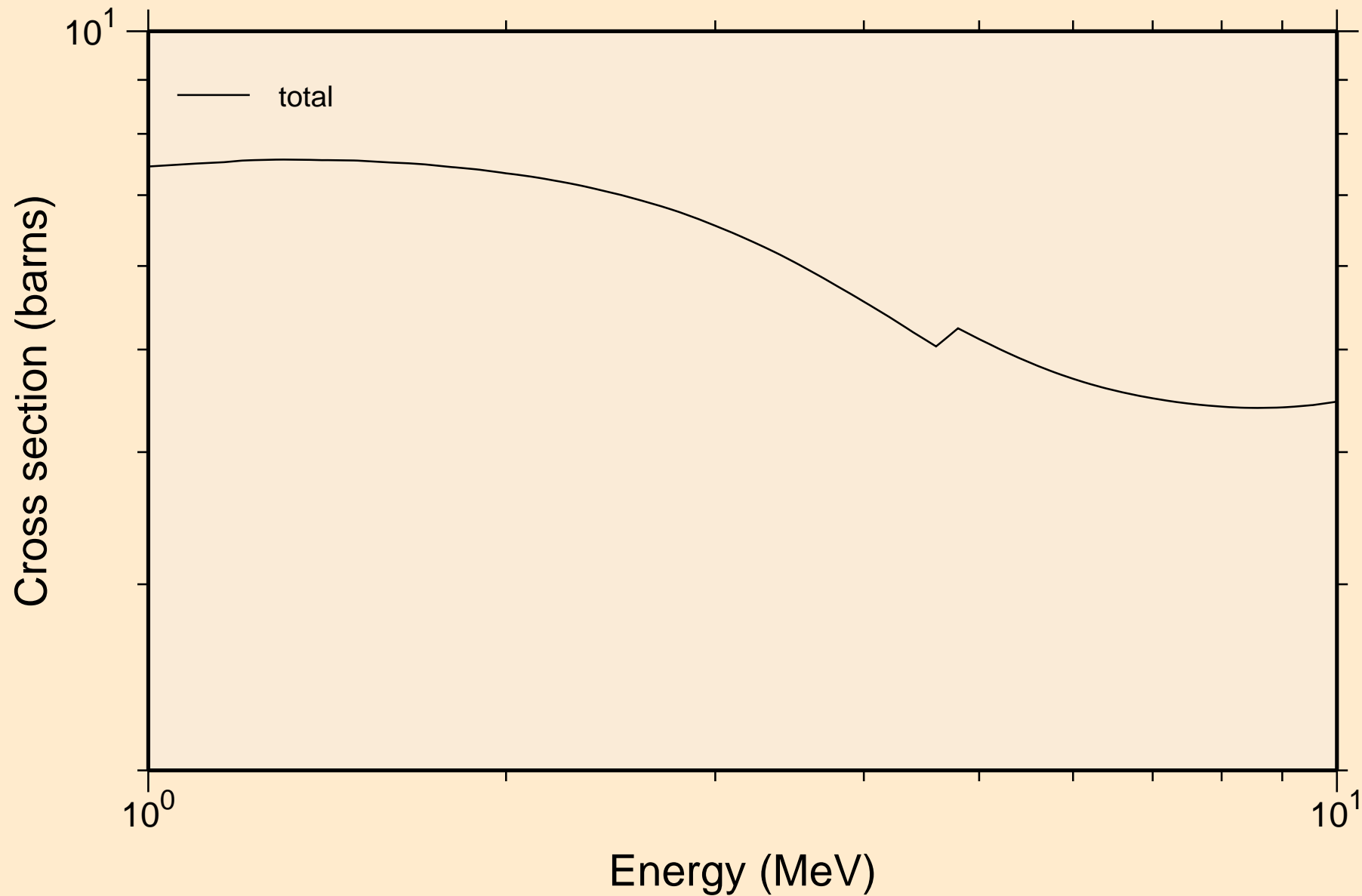
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



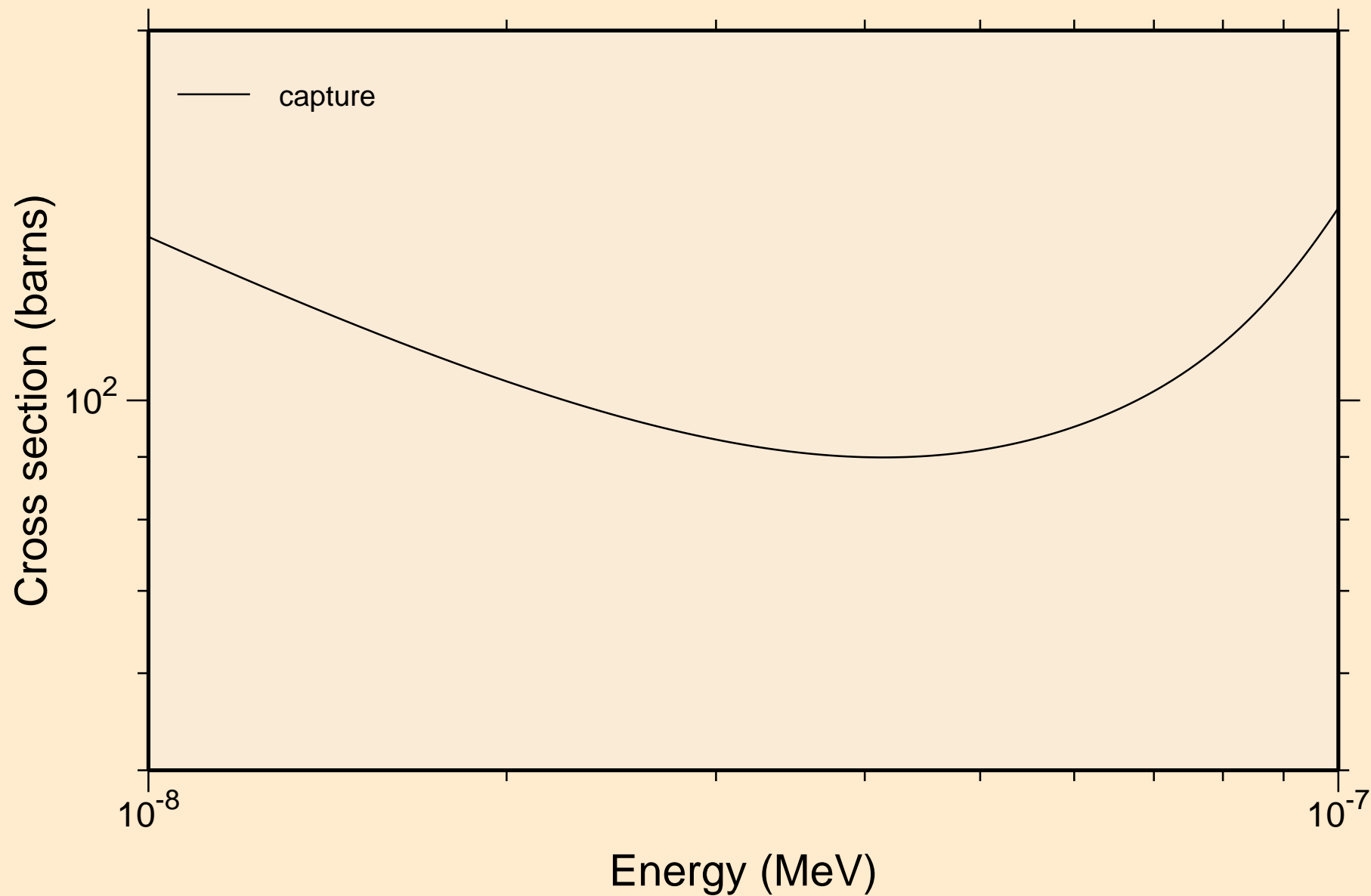
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



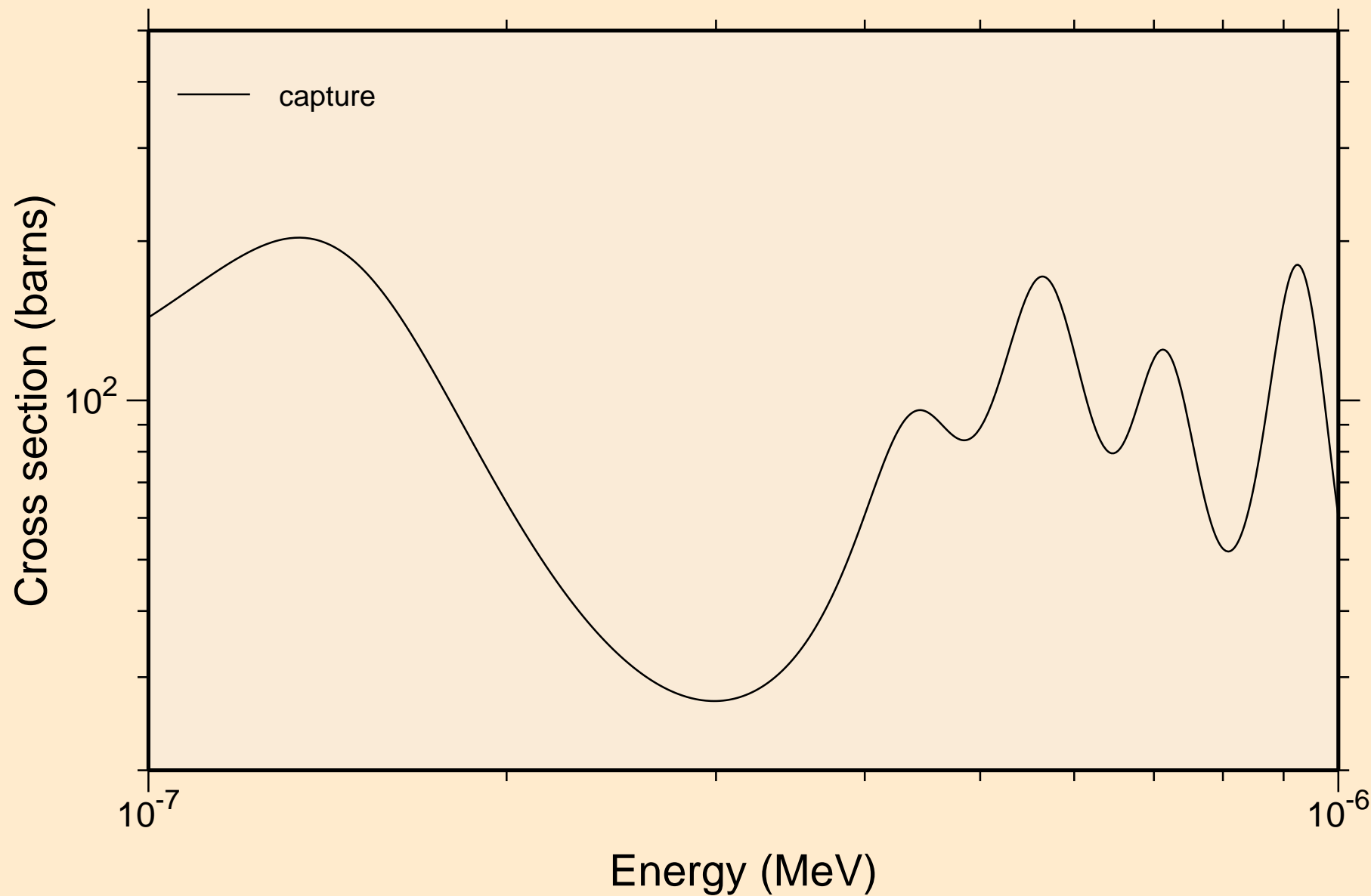
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



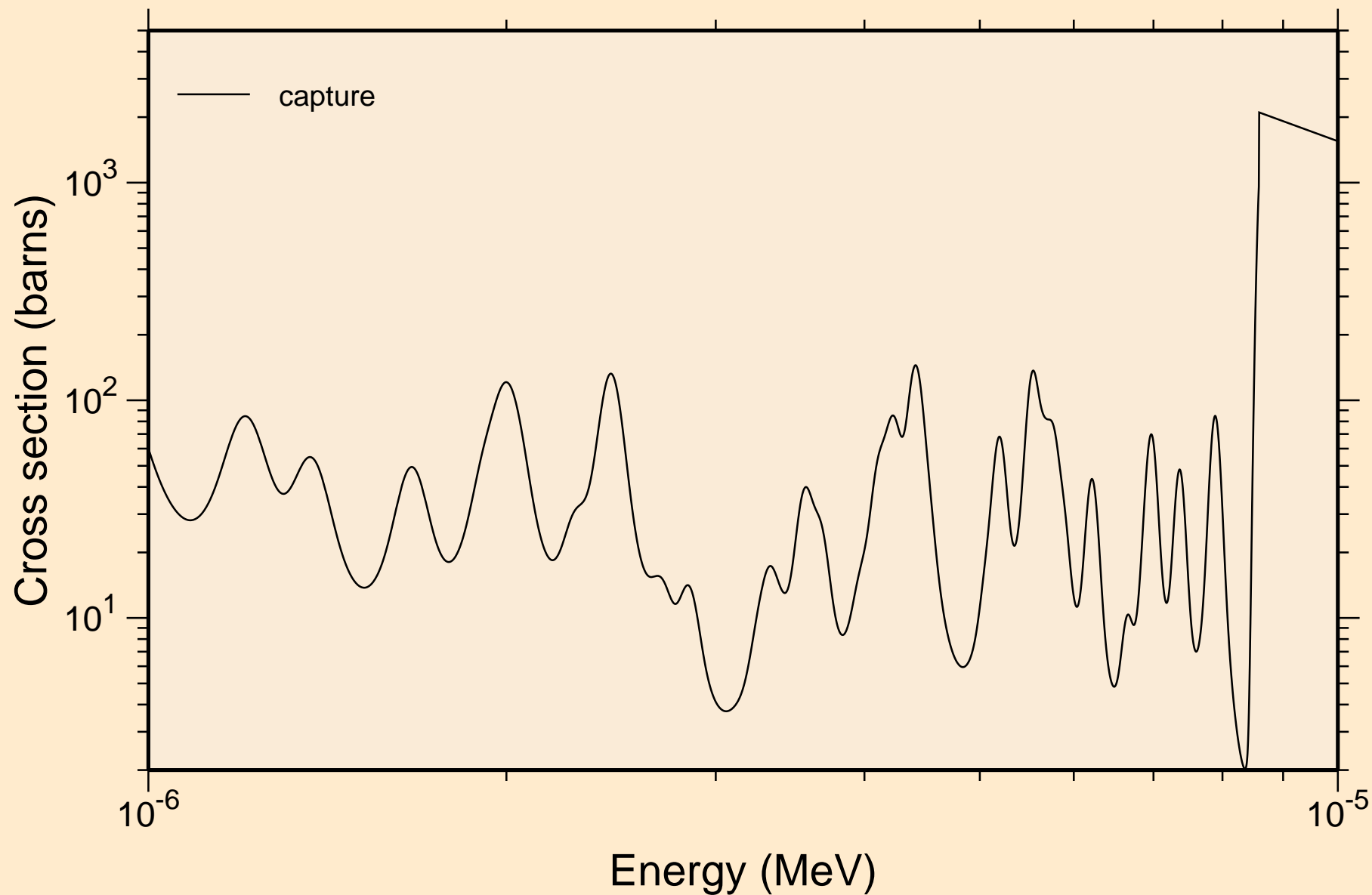
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



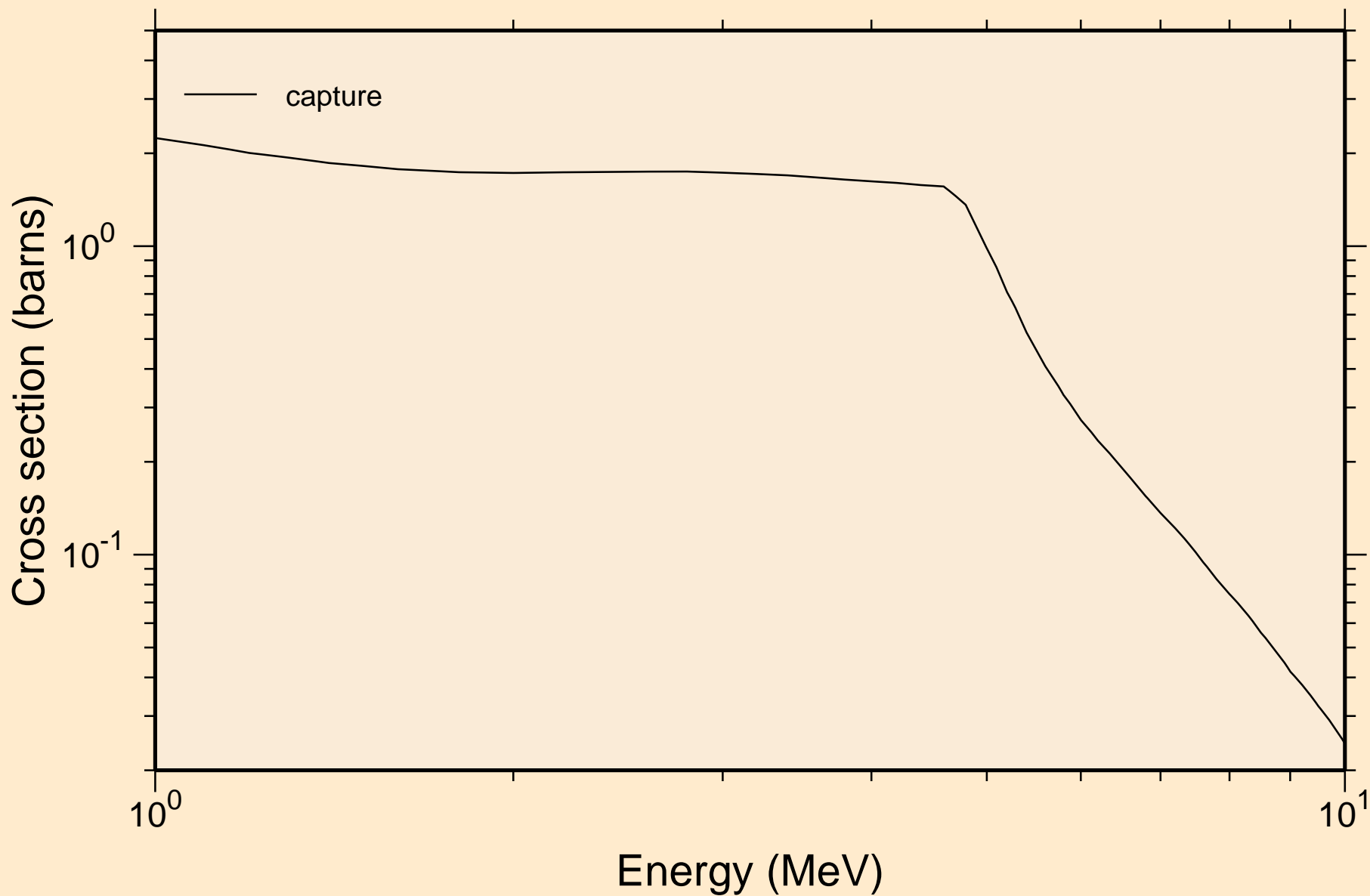
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



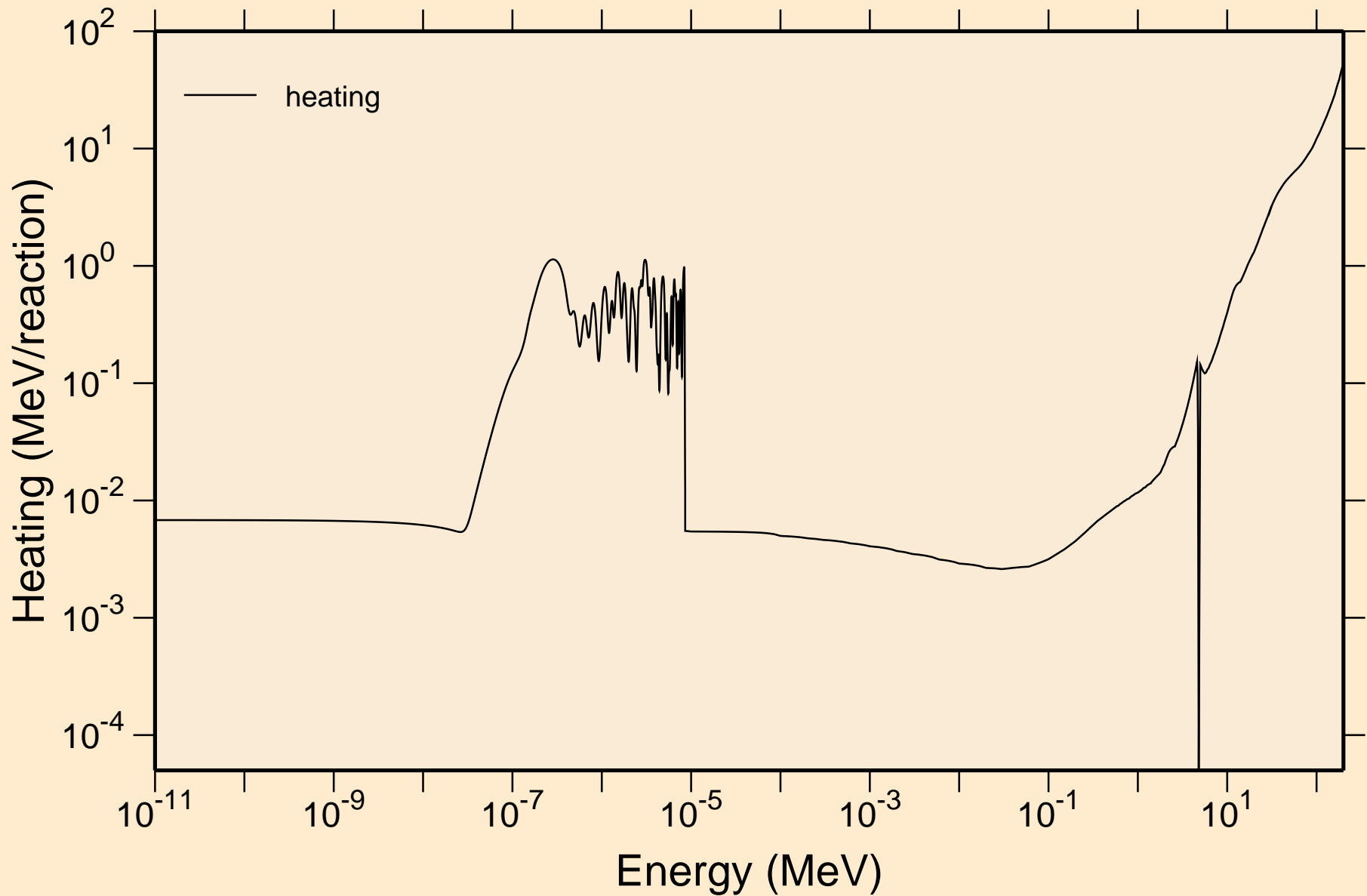
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



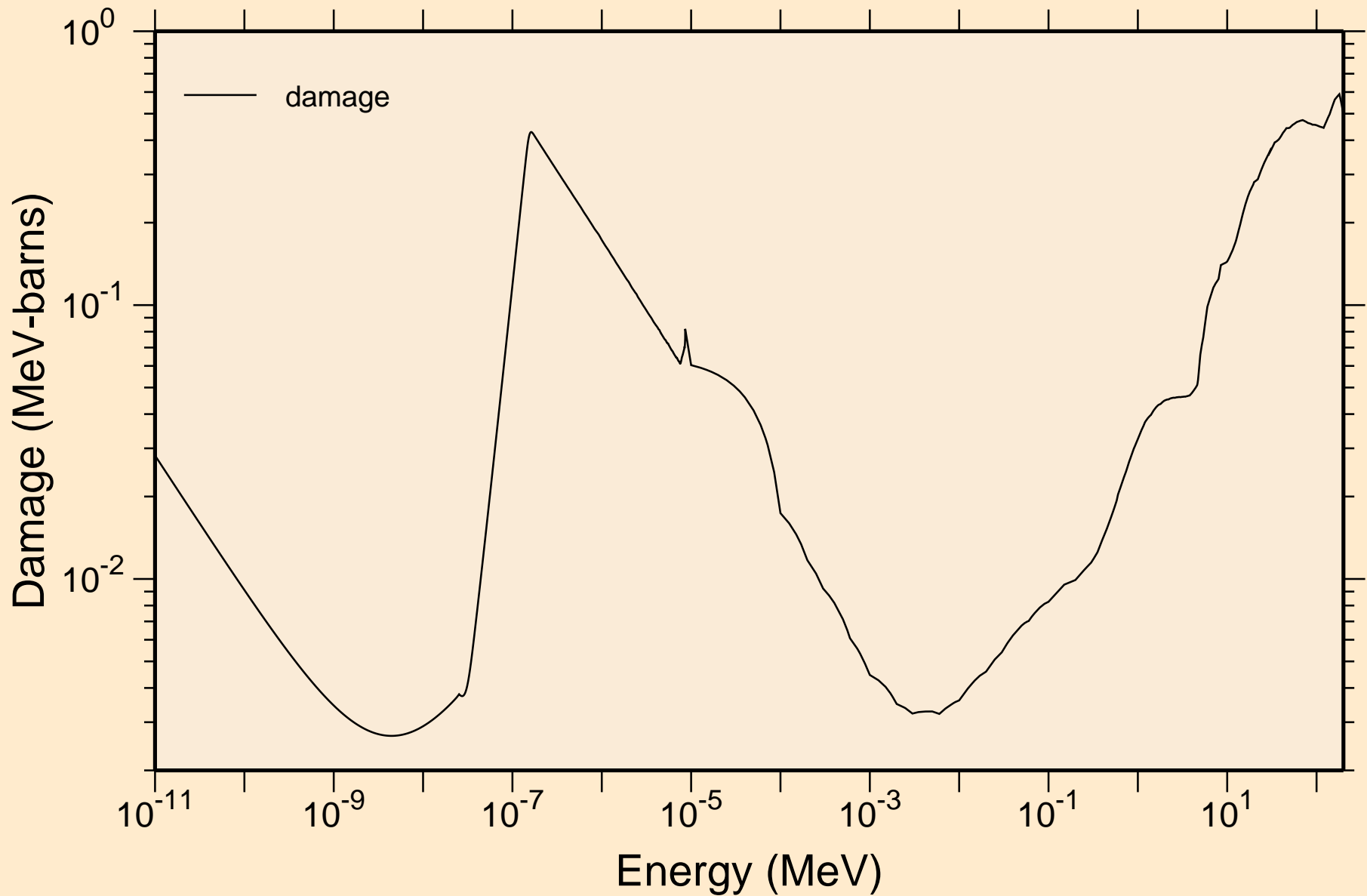
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



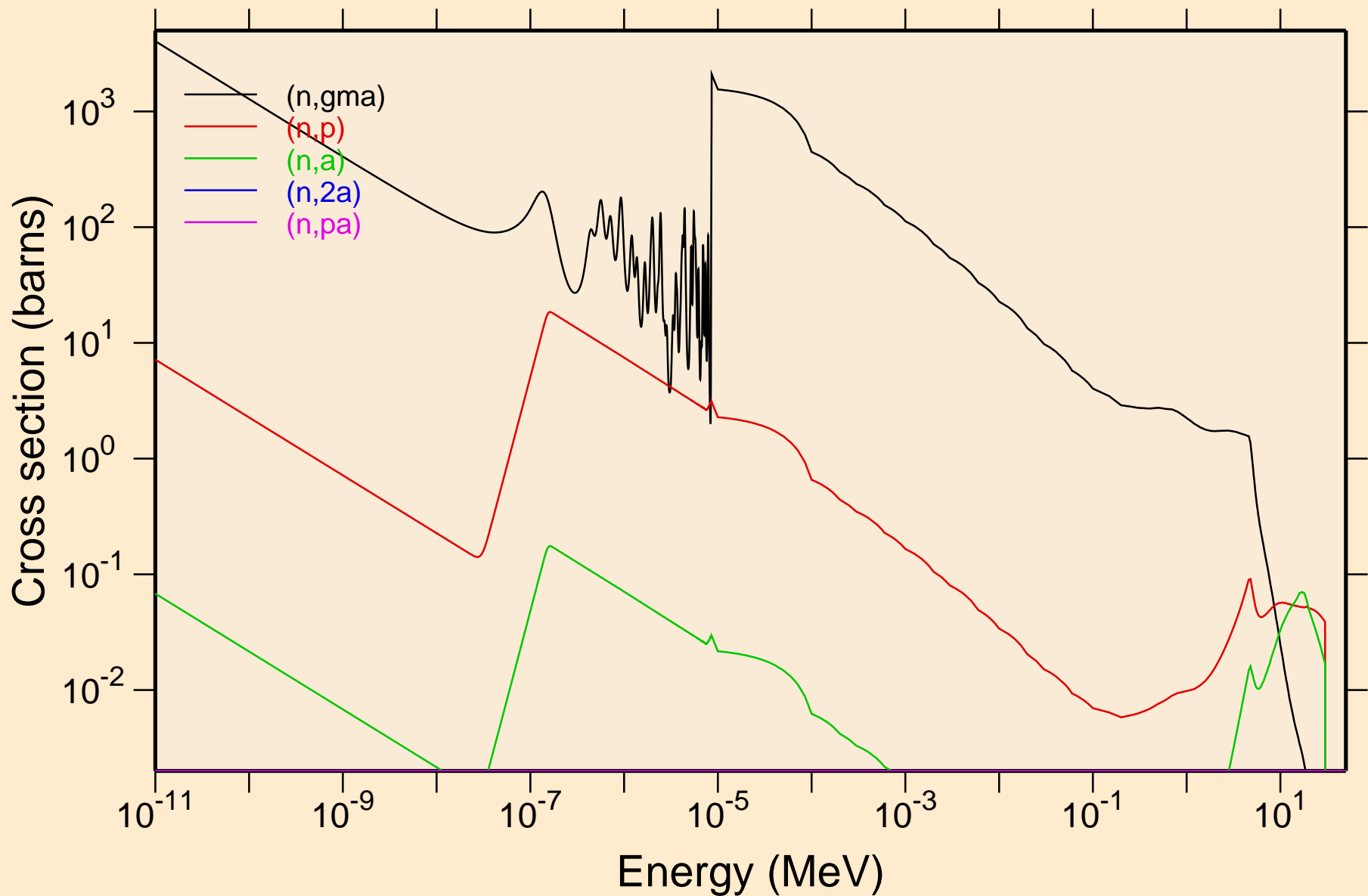
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



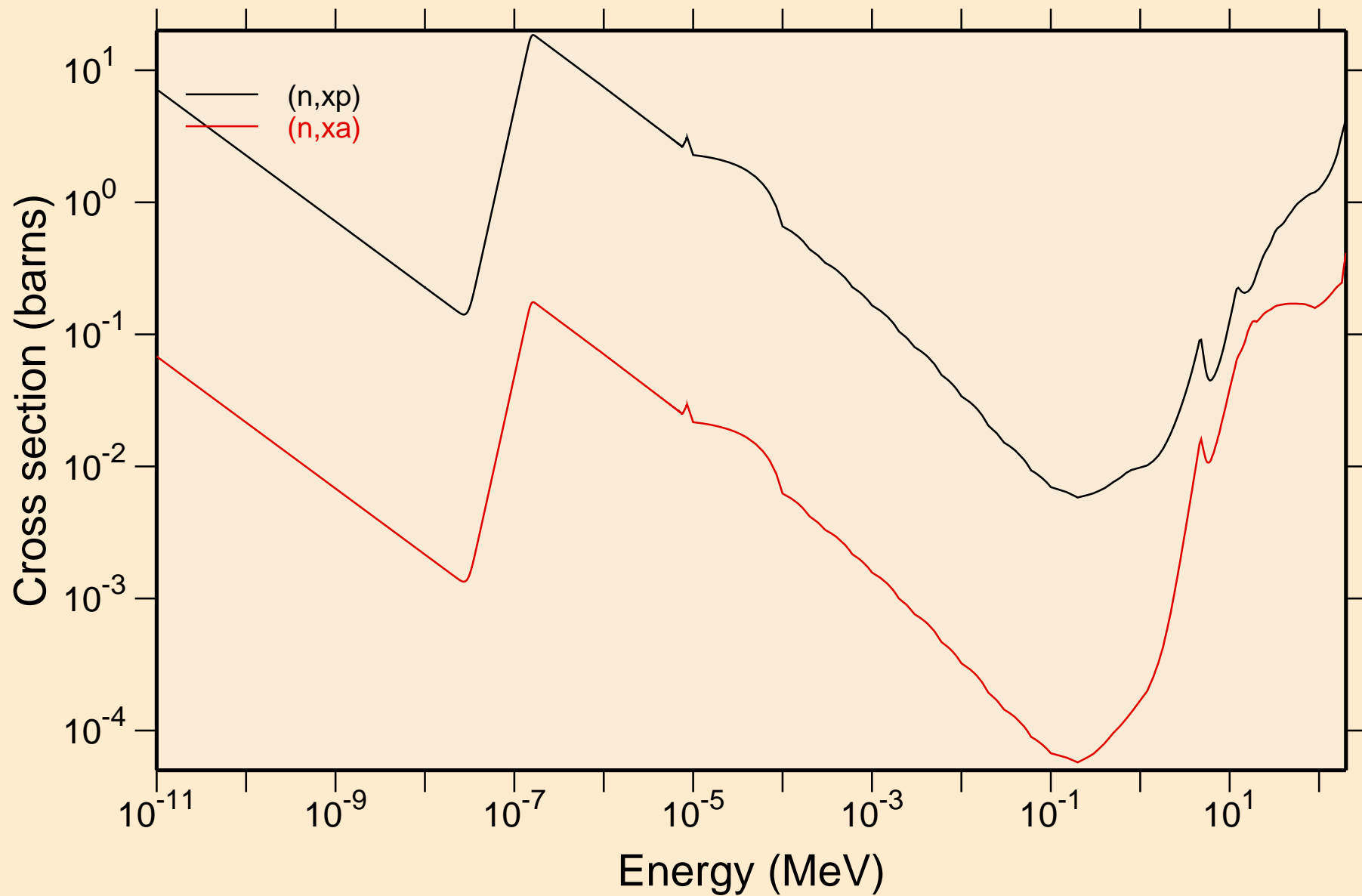
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage



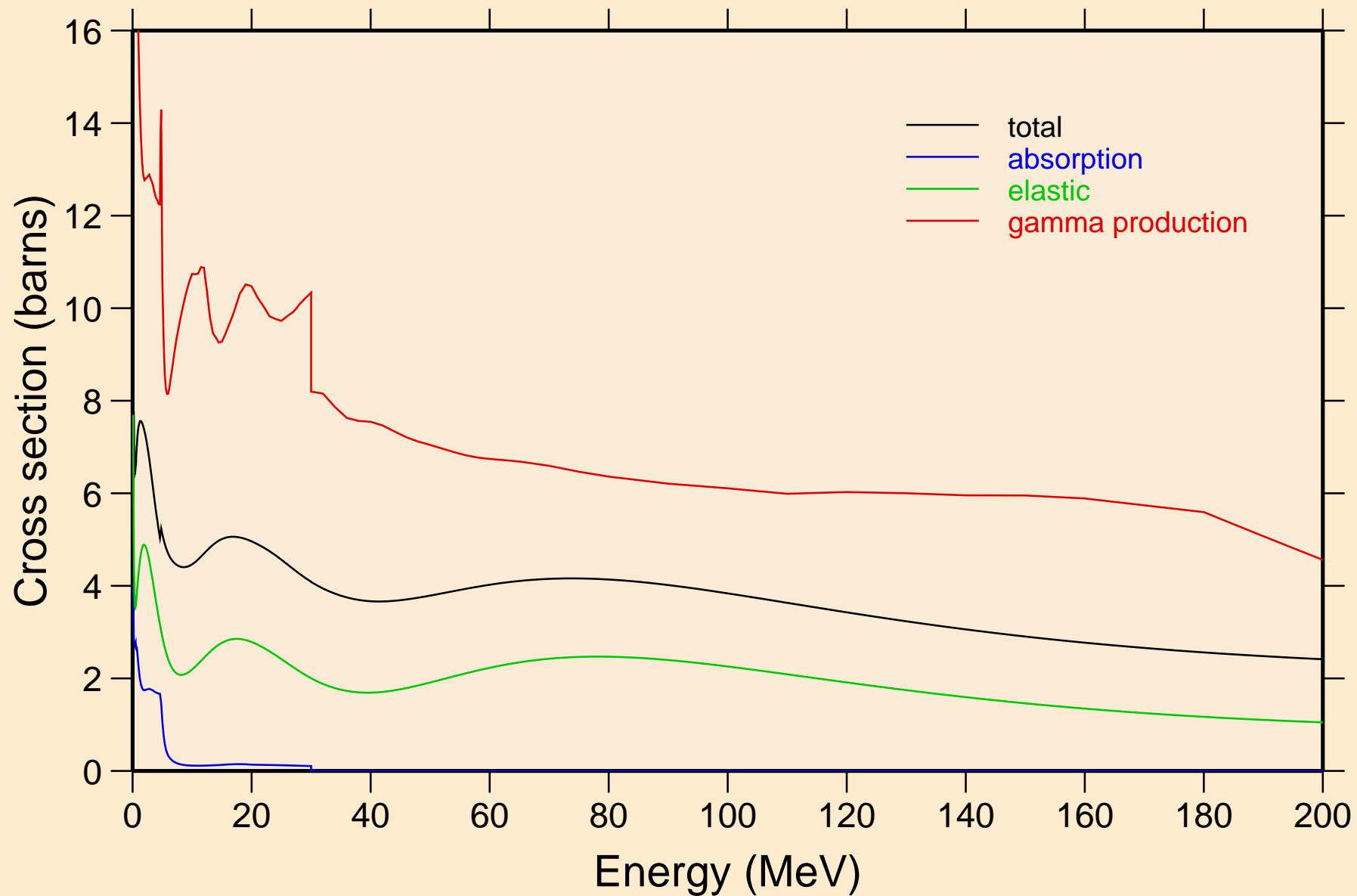
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



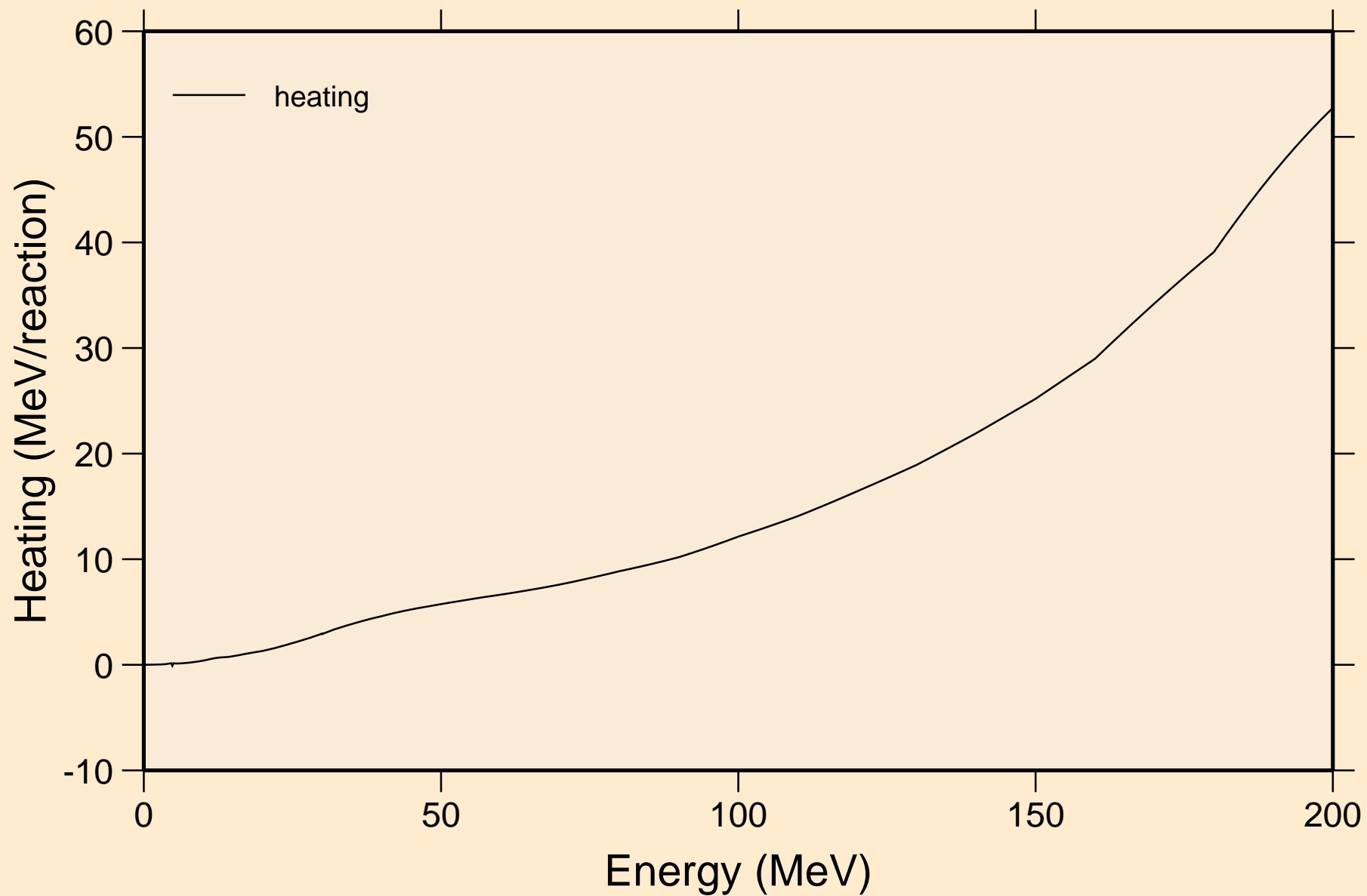
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



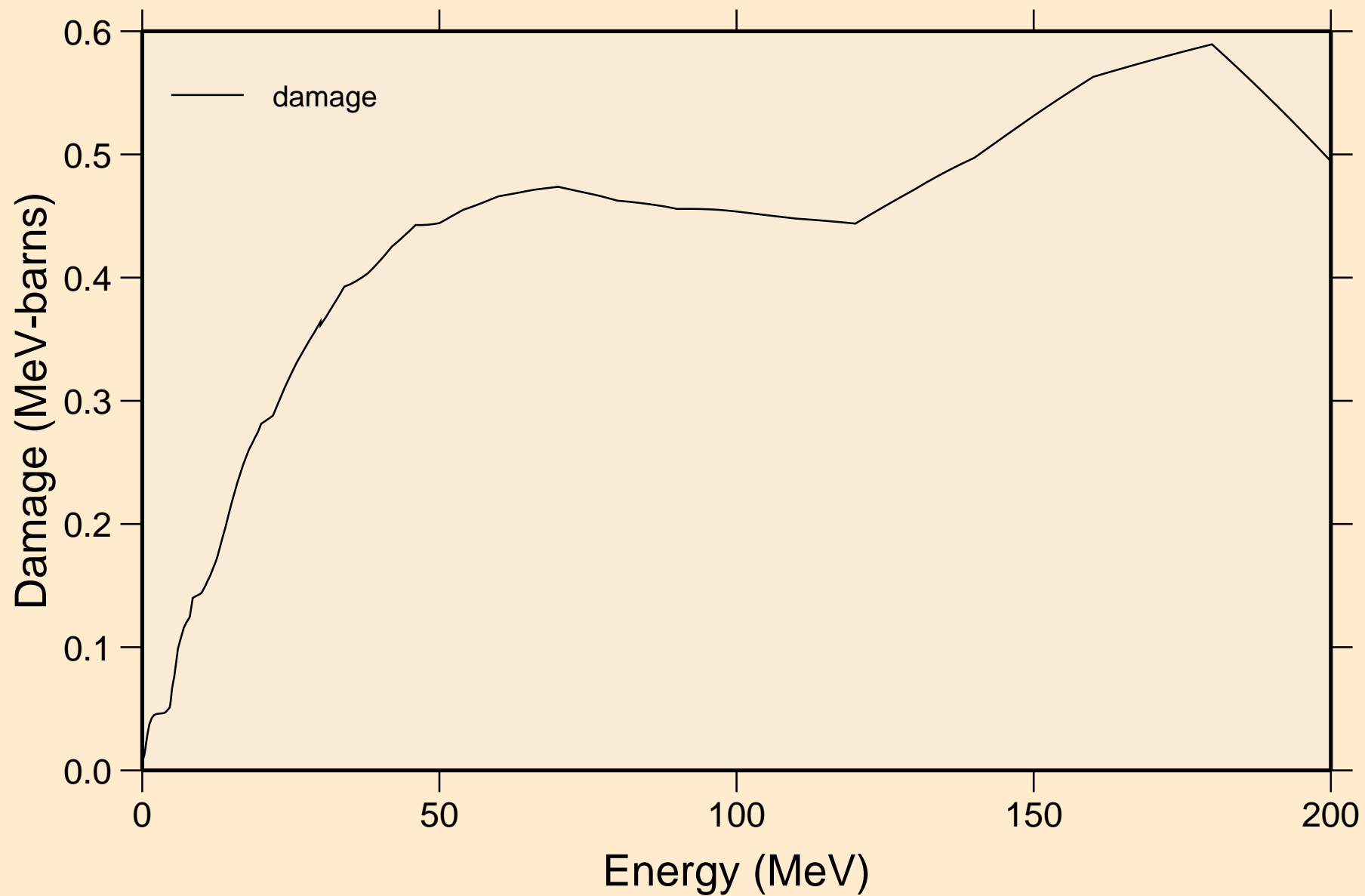
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating

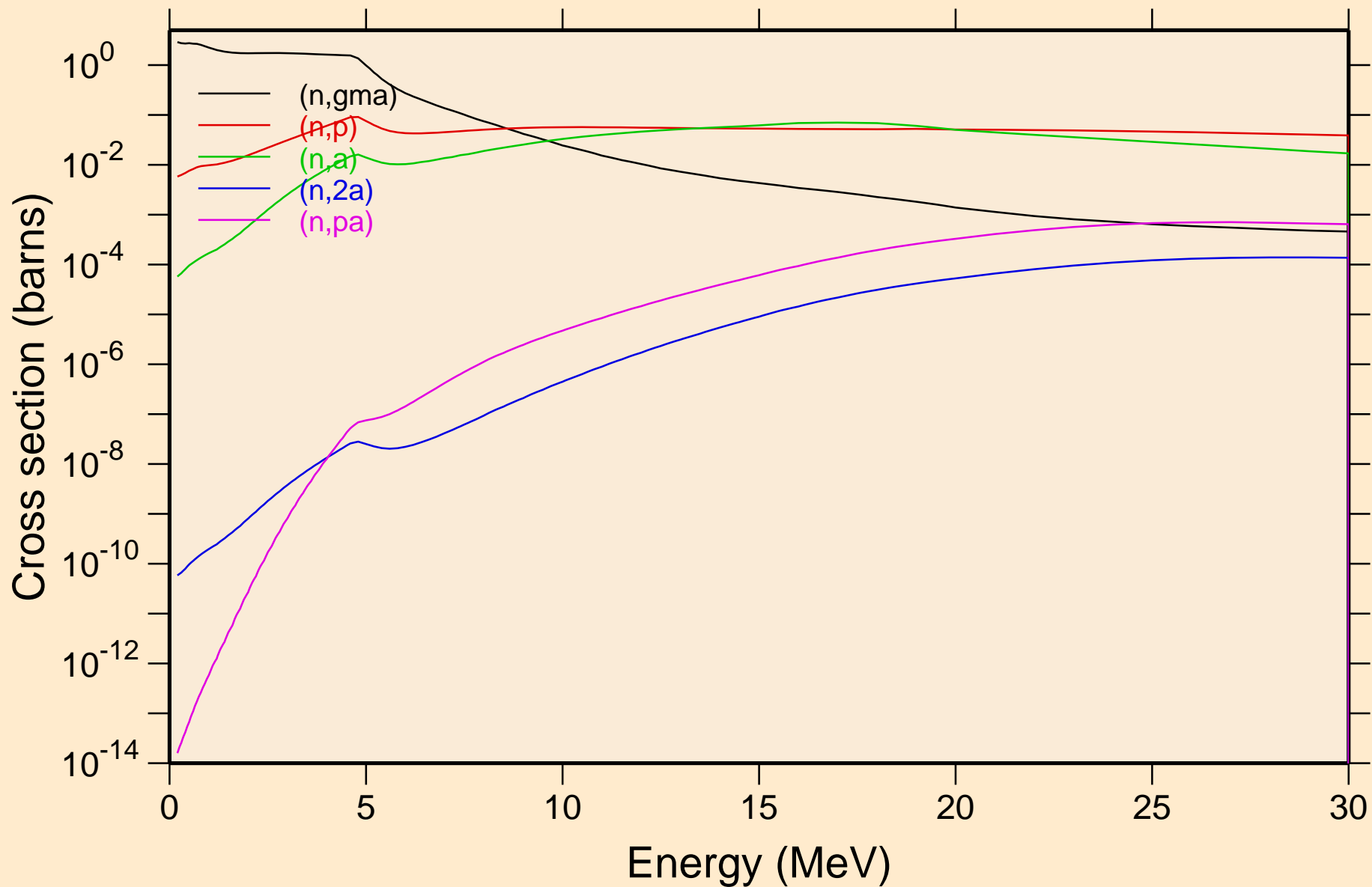


HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage

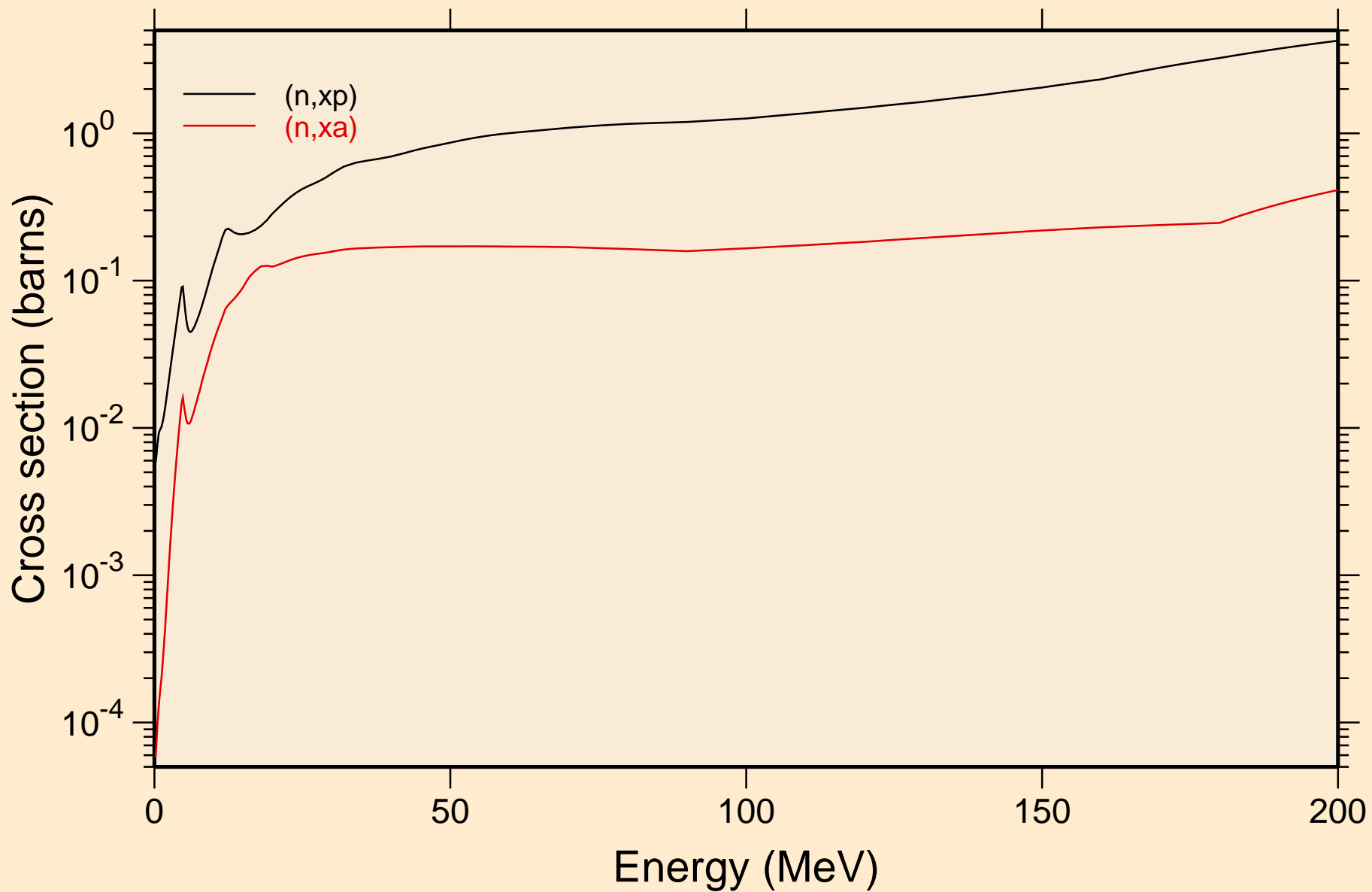


HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

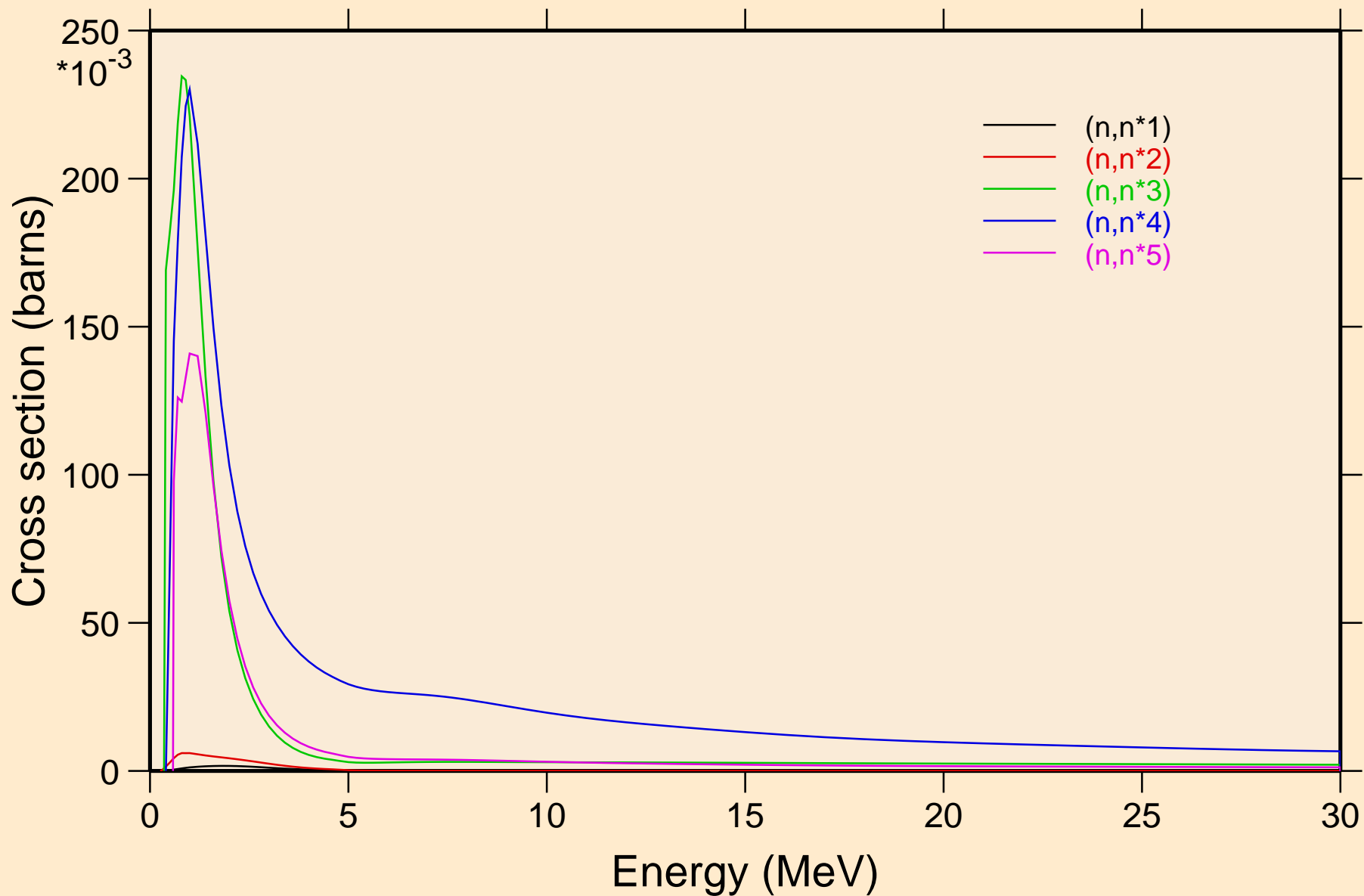
Non-threshold reactions



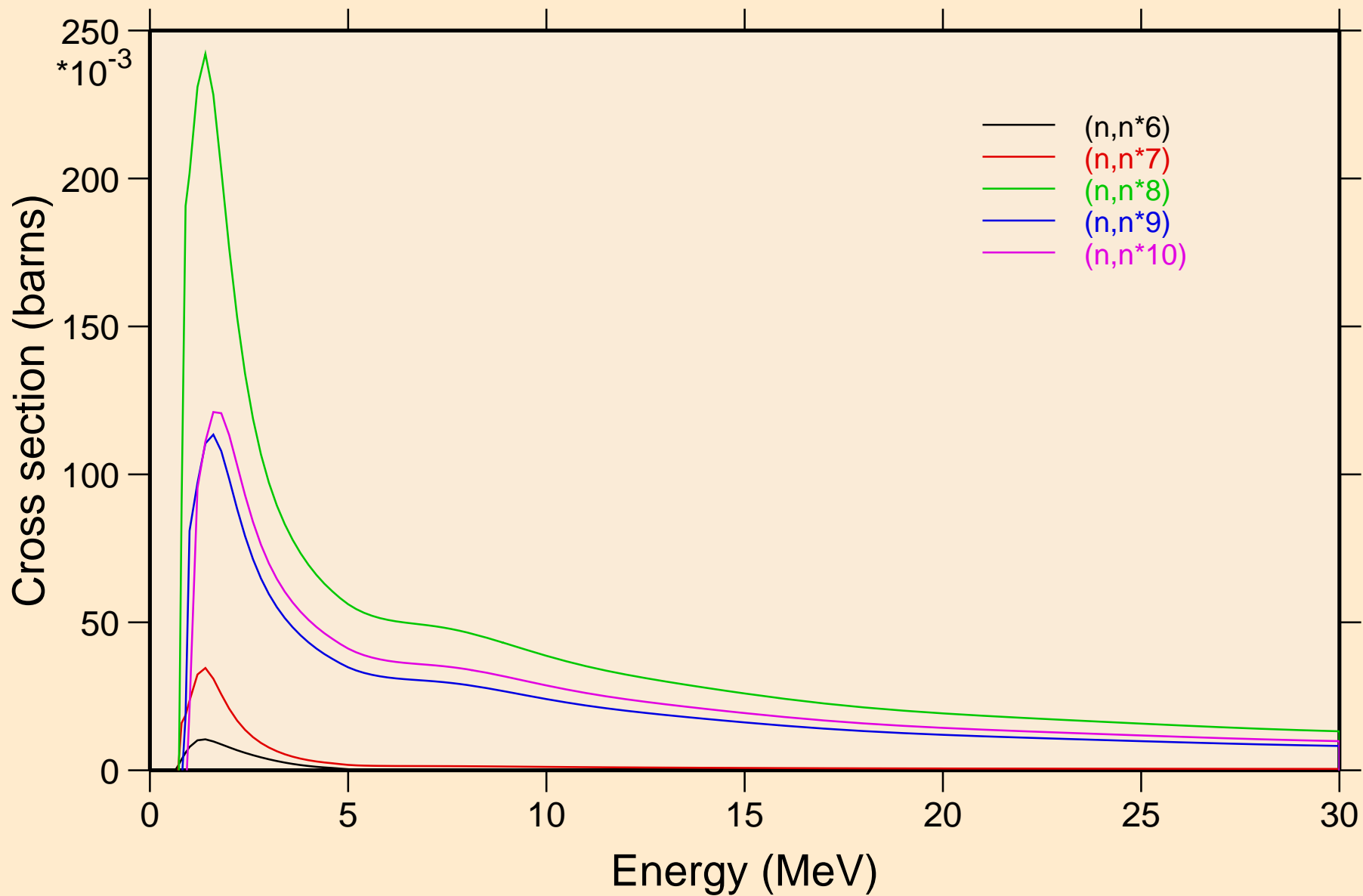
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



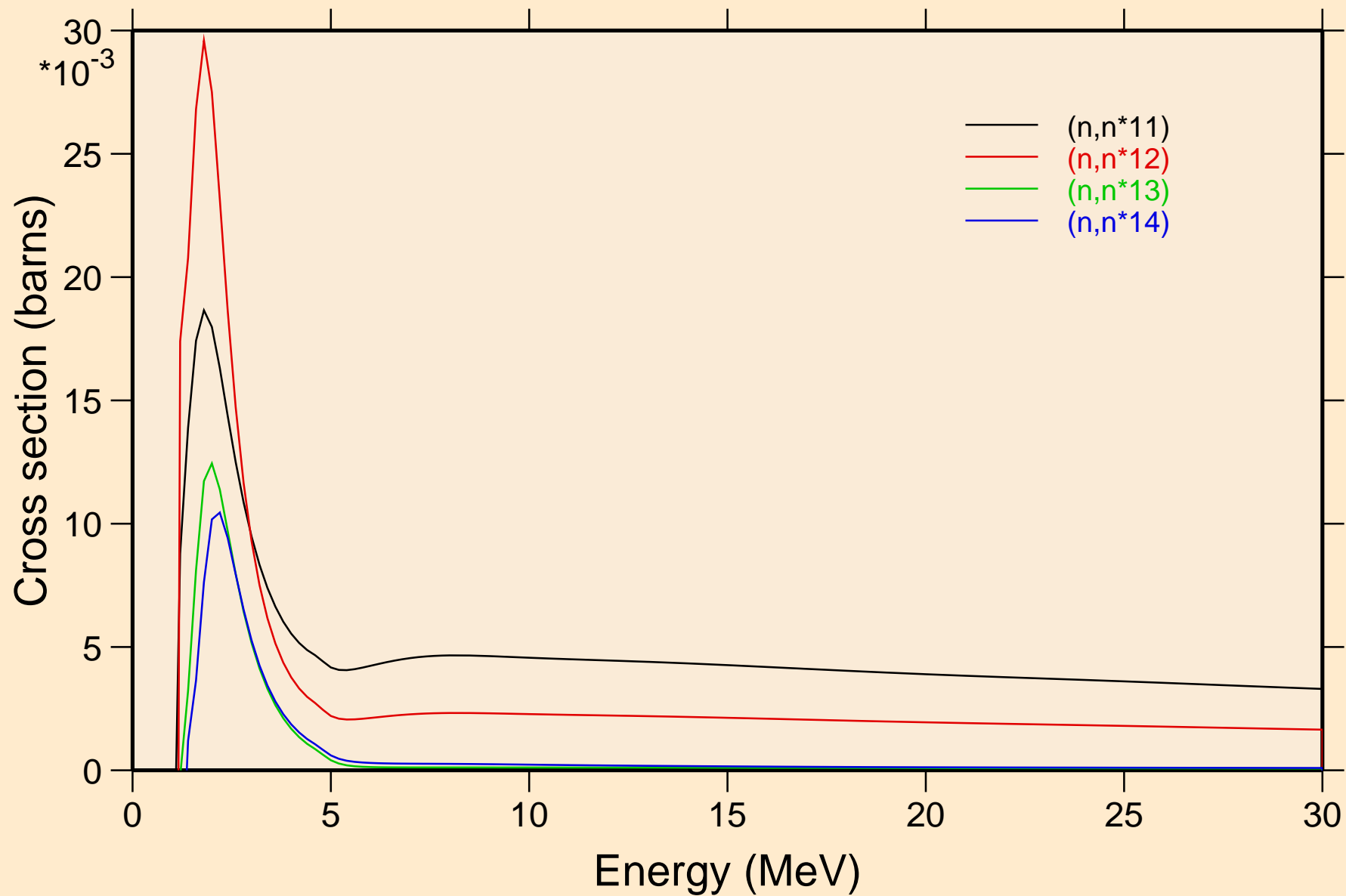
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels

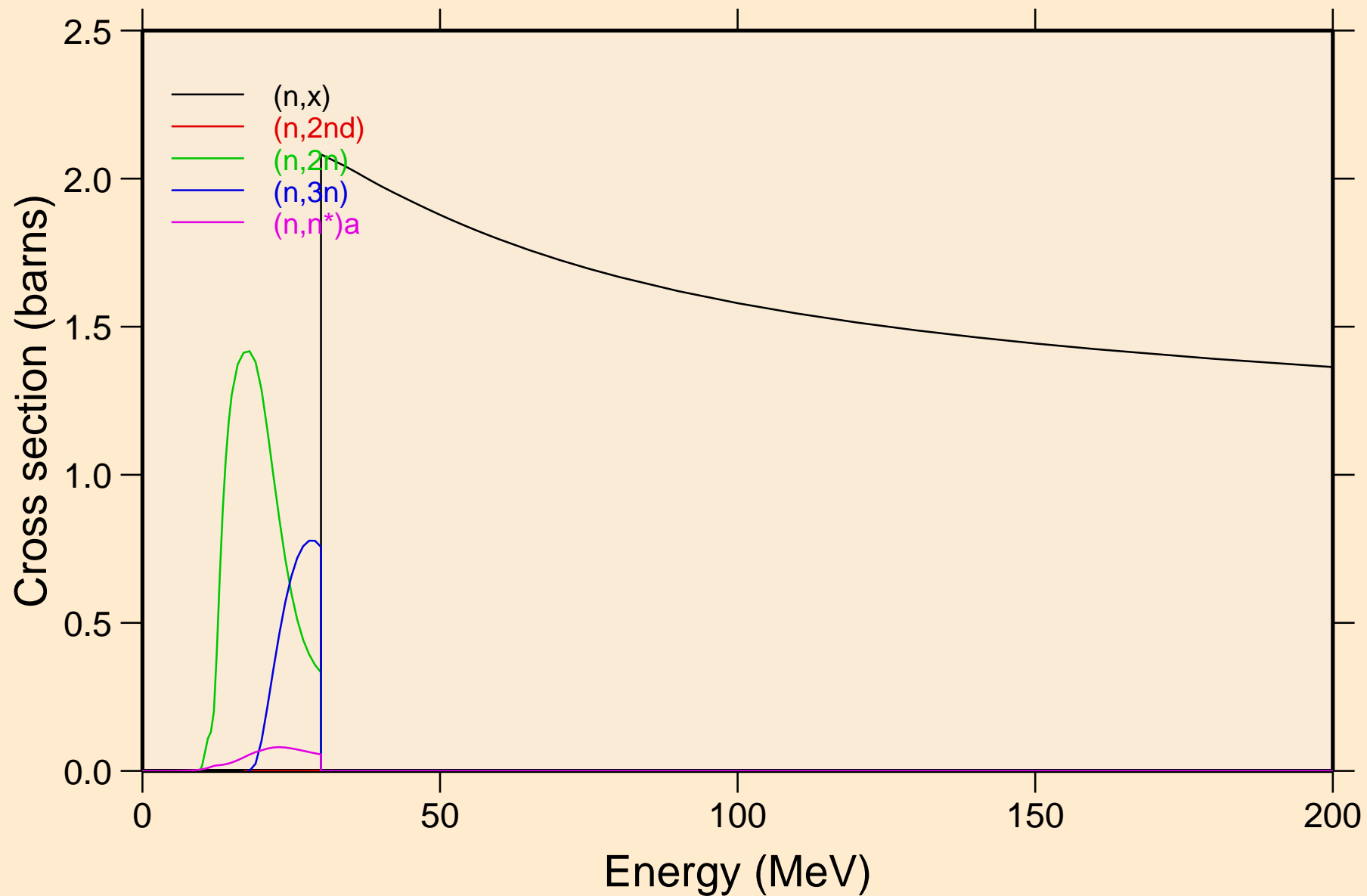


HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



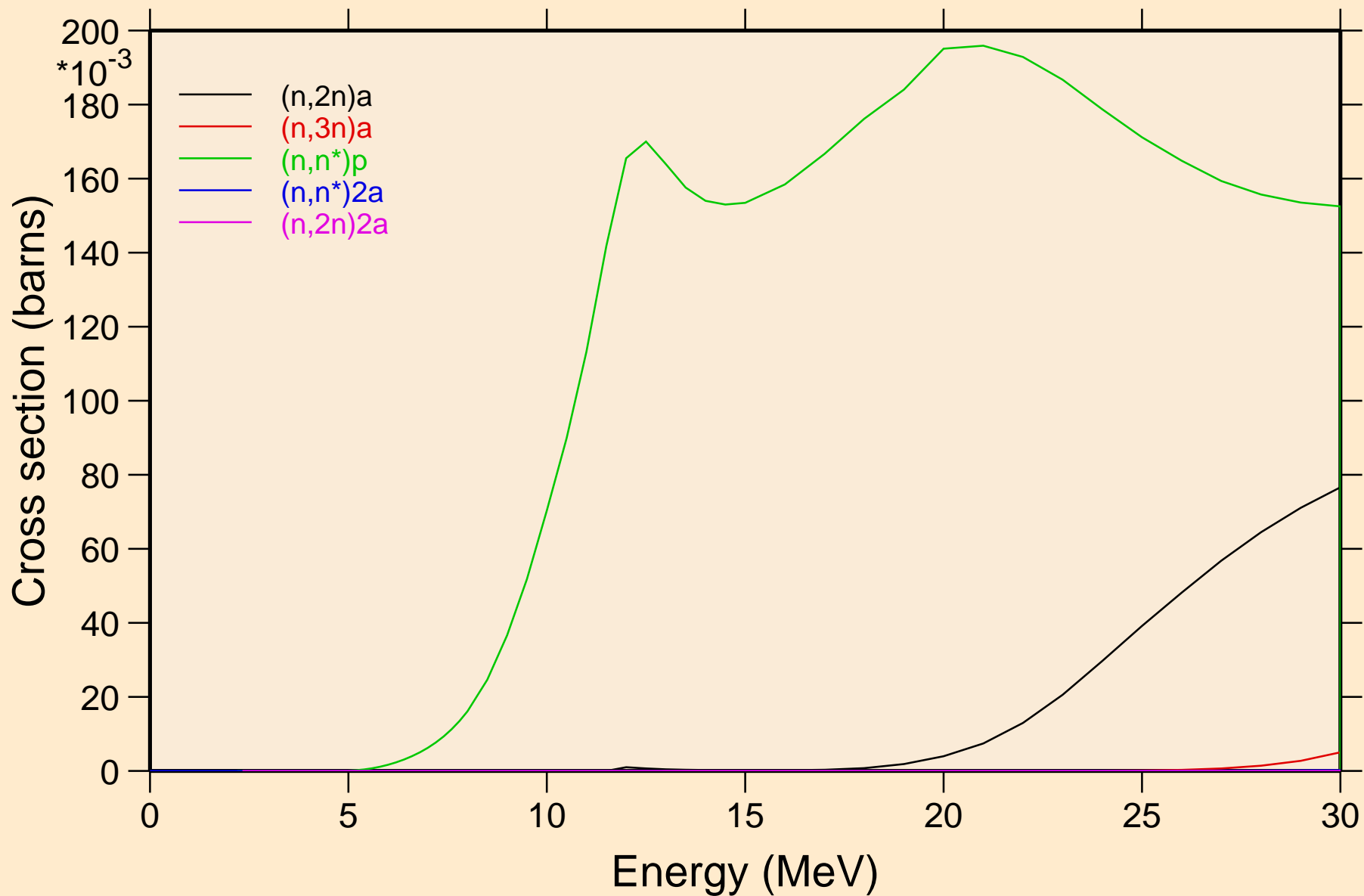
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions



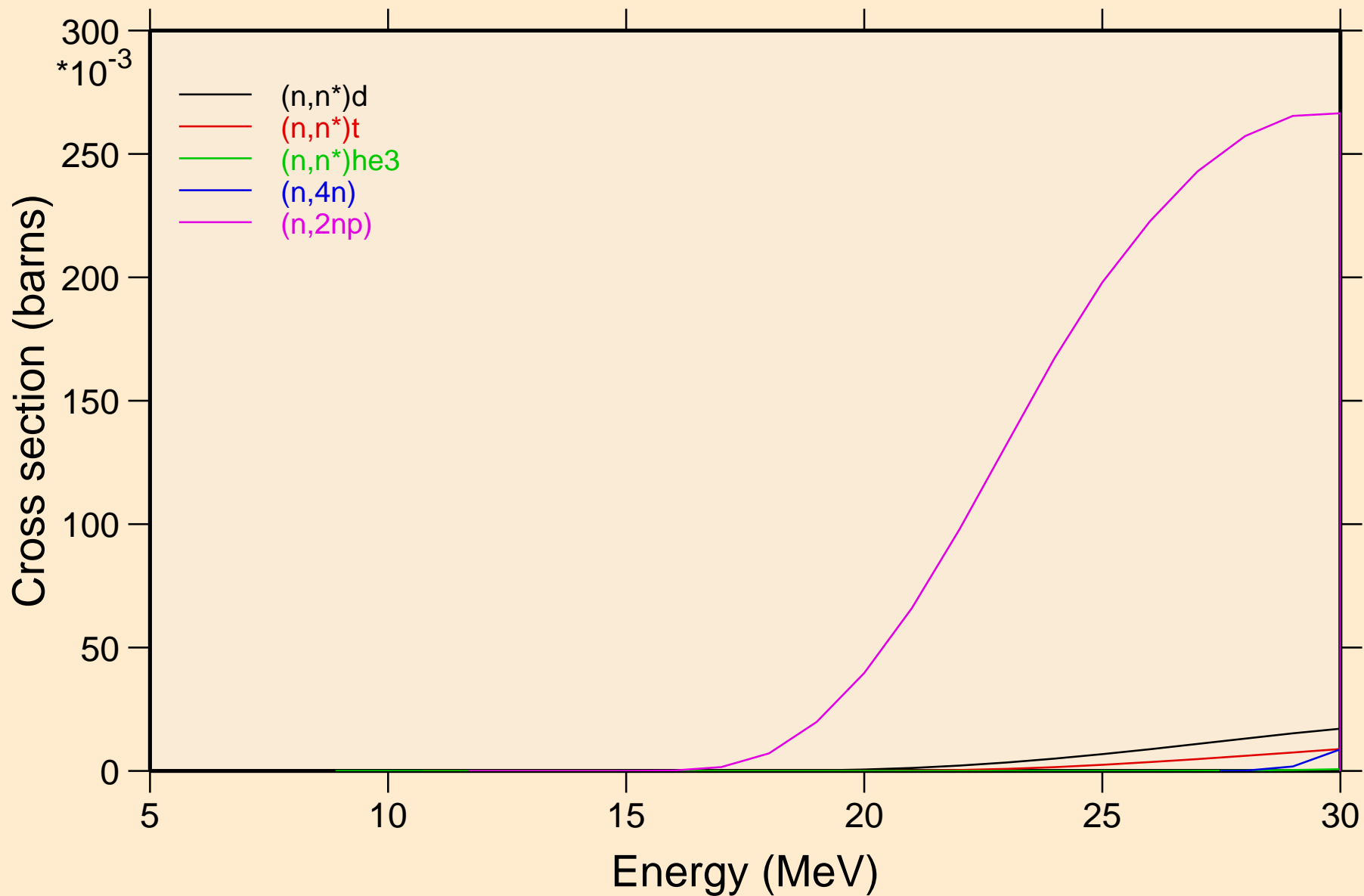
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

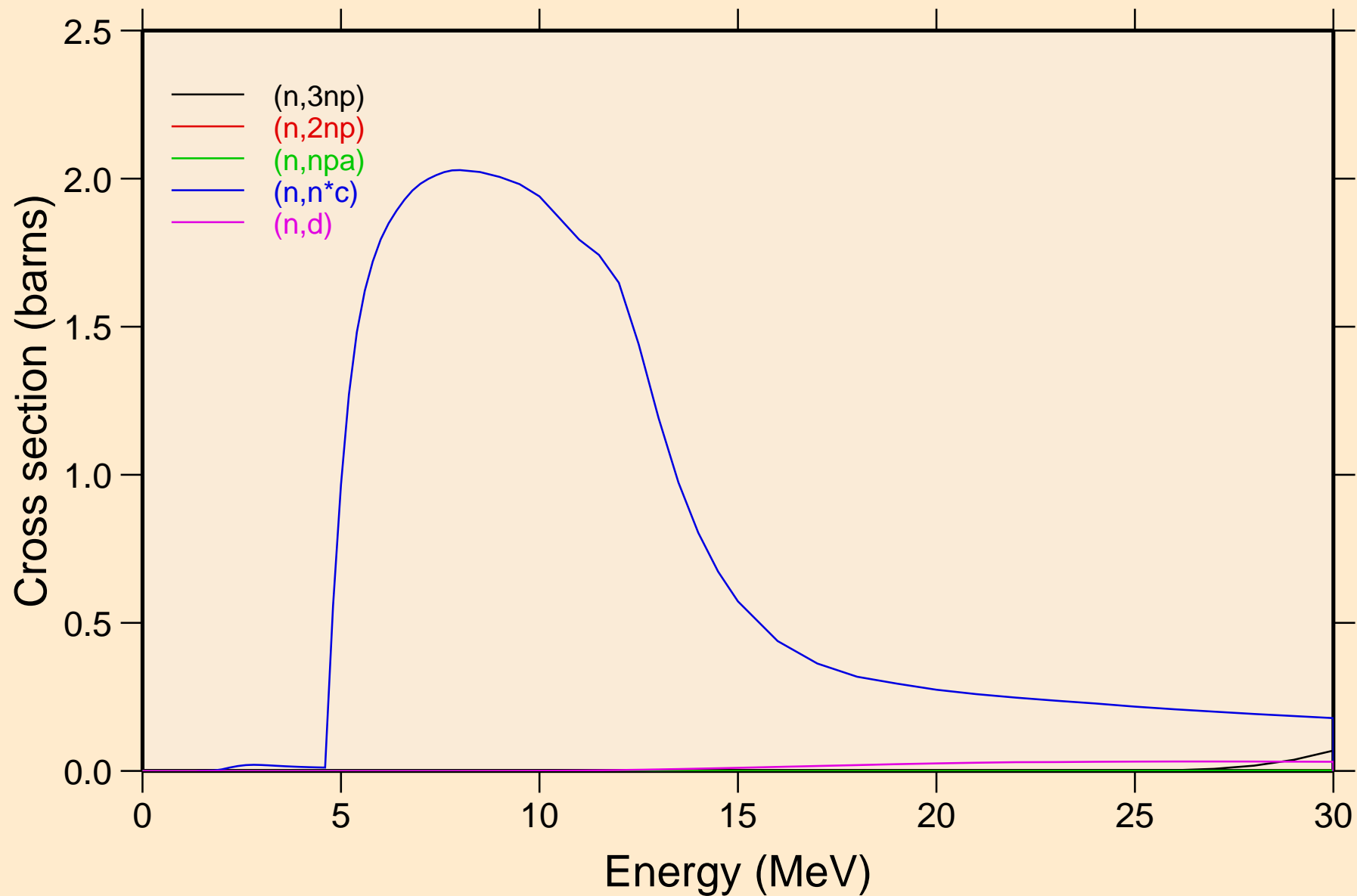


HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Threshold reactions

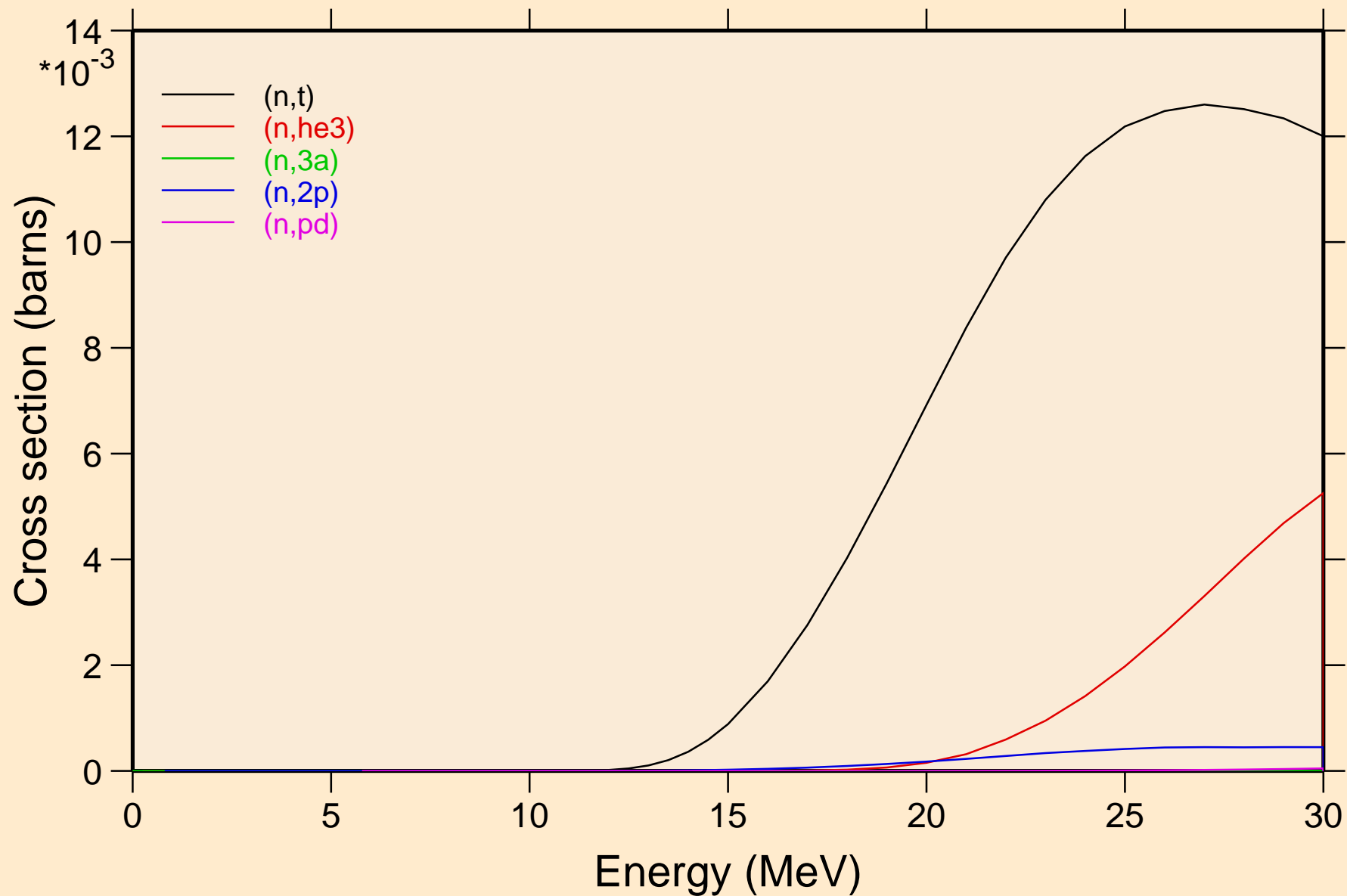


HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

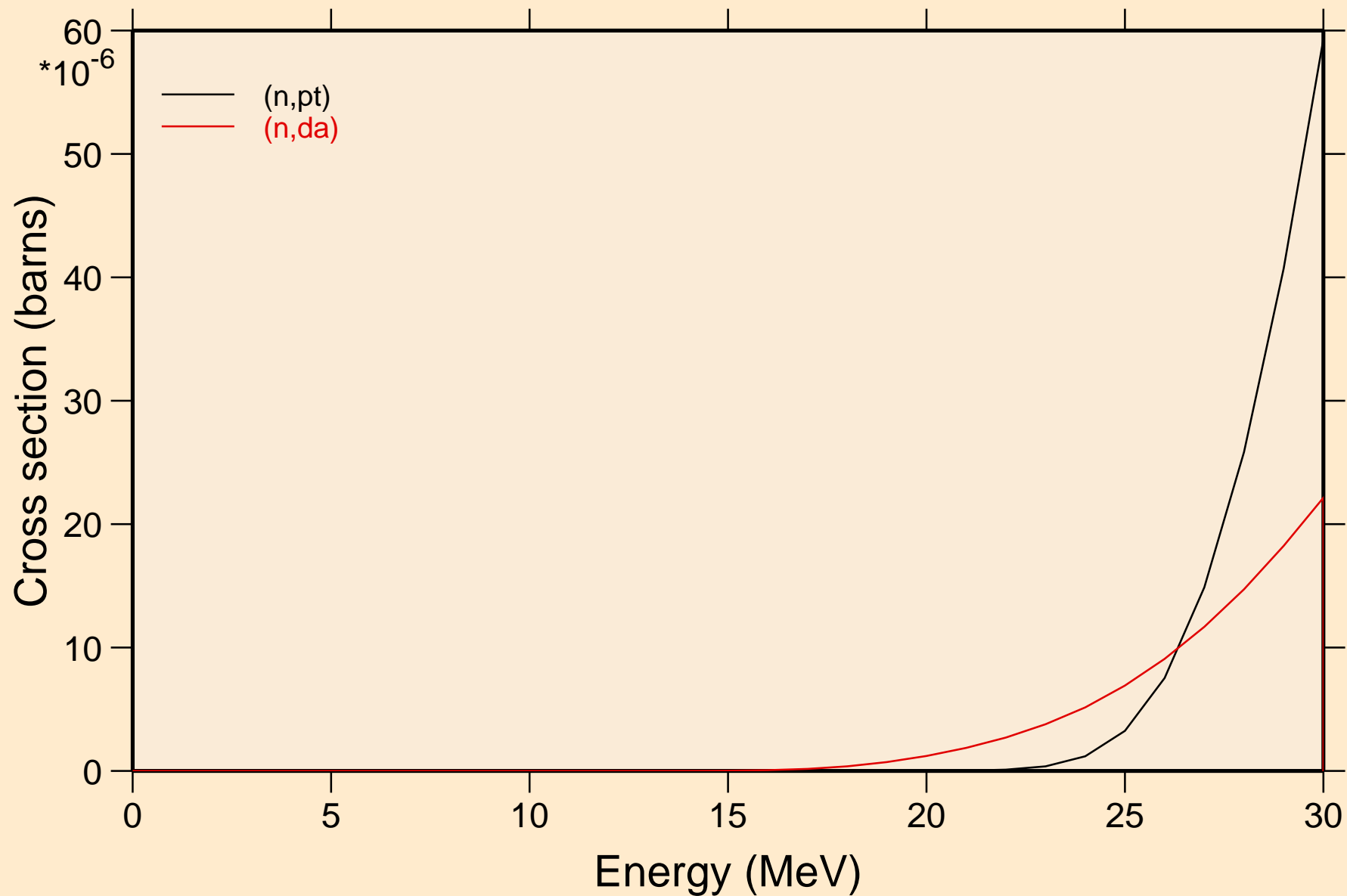


HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

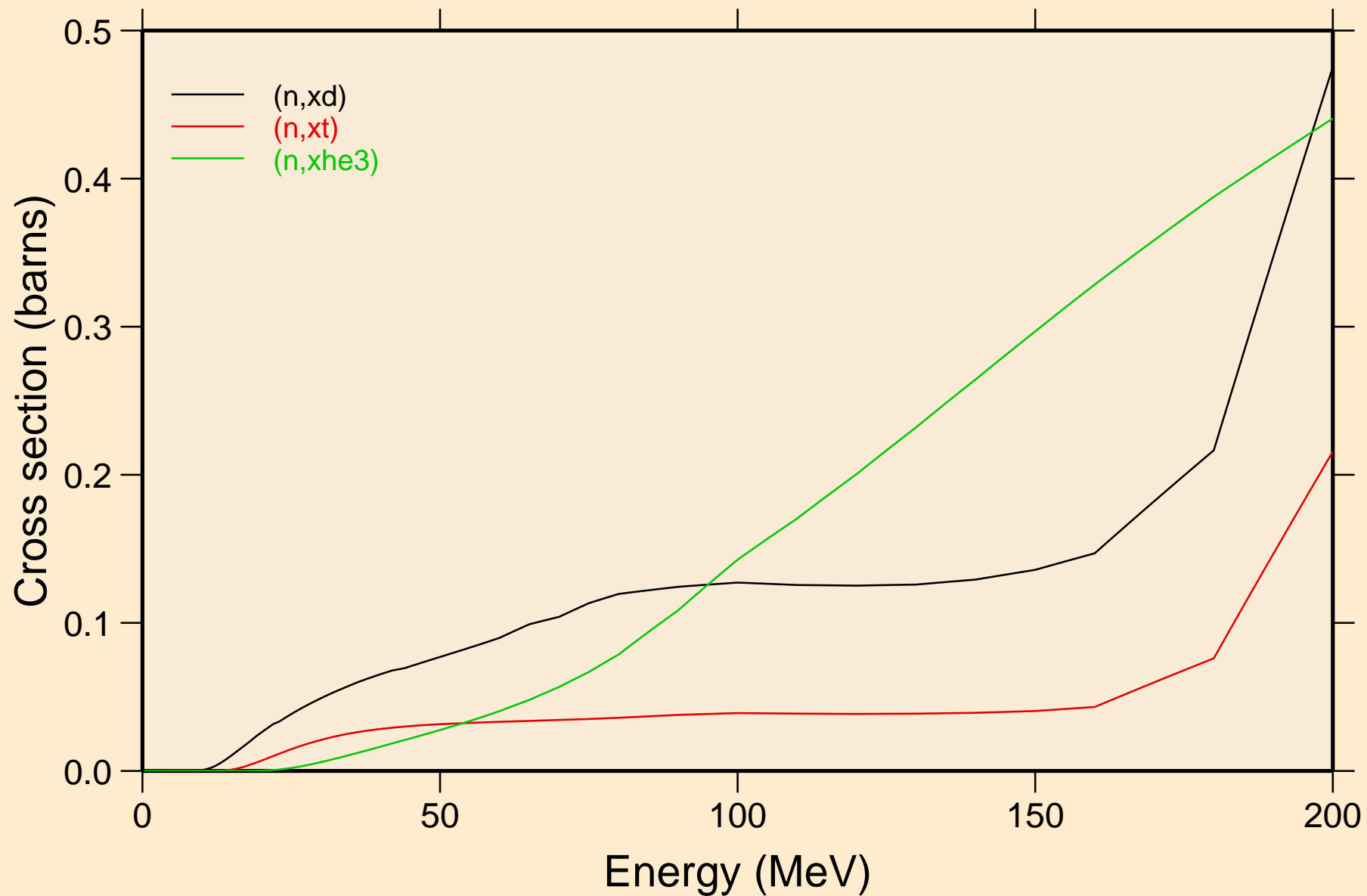
Threshold reactions



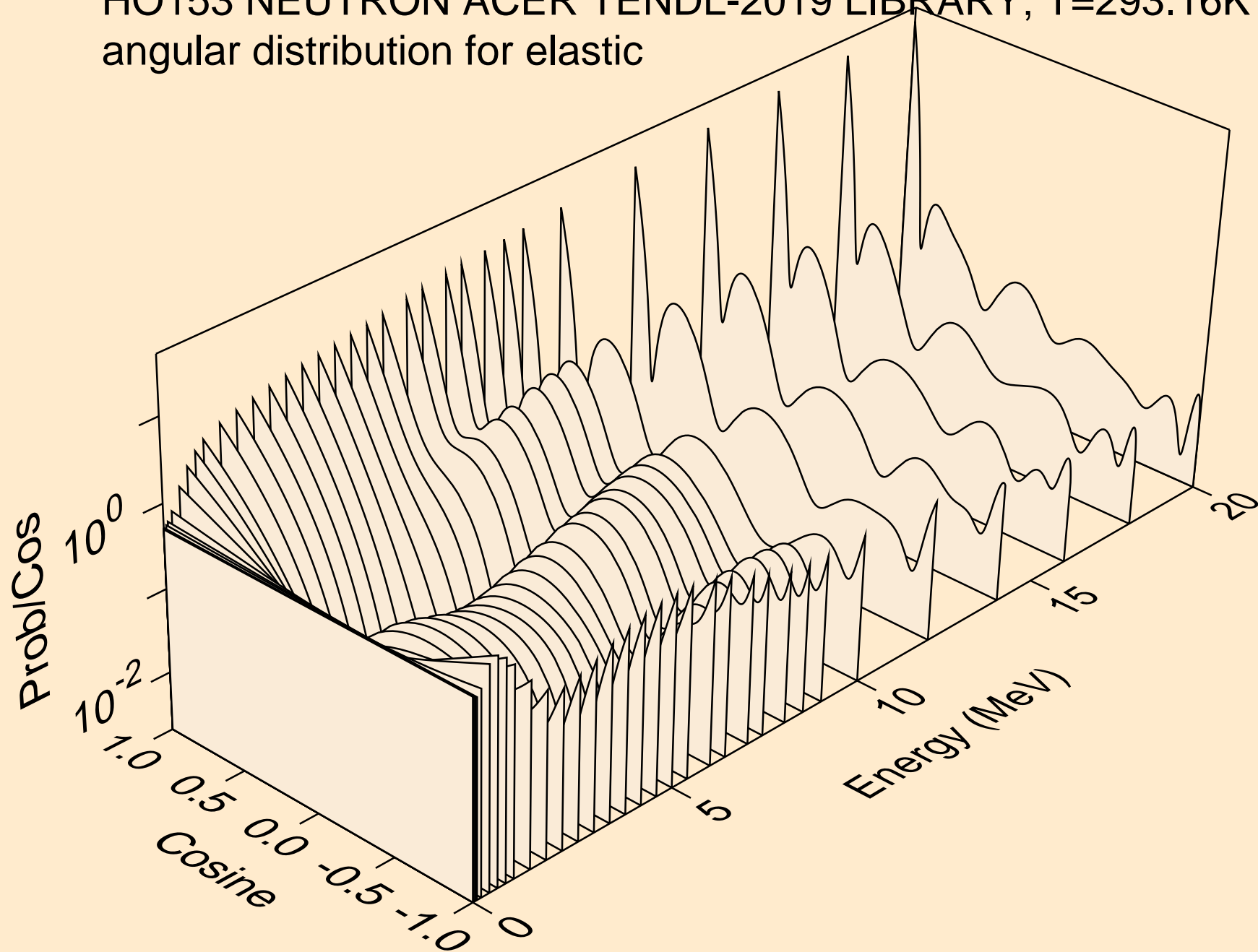
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



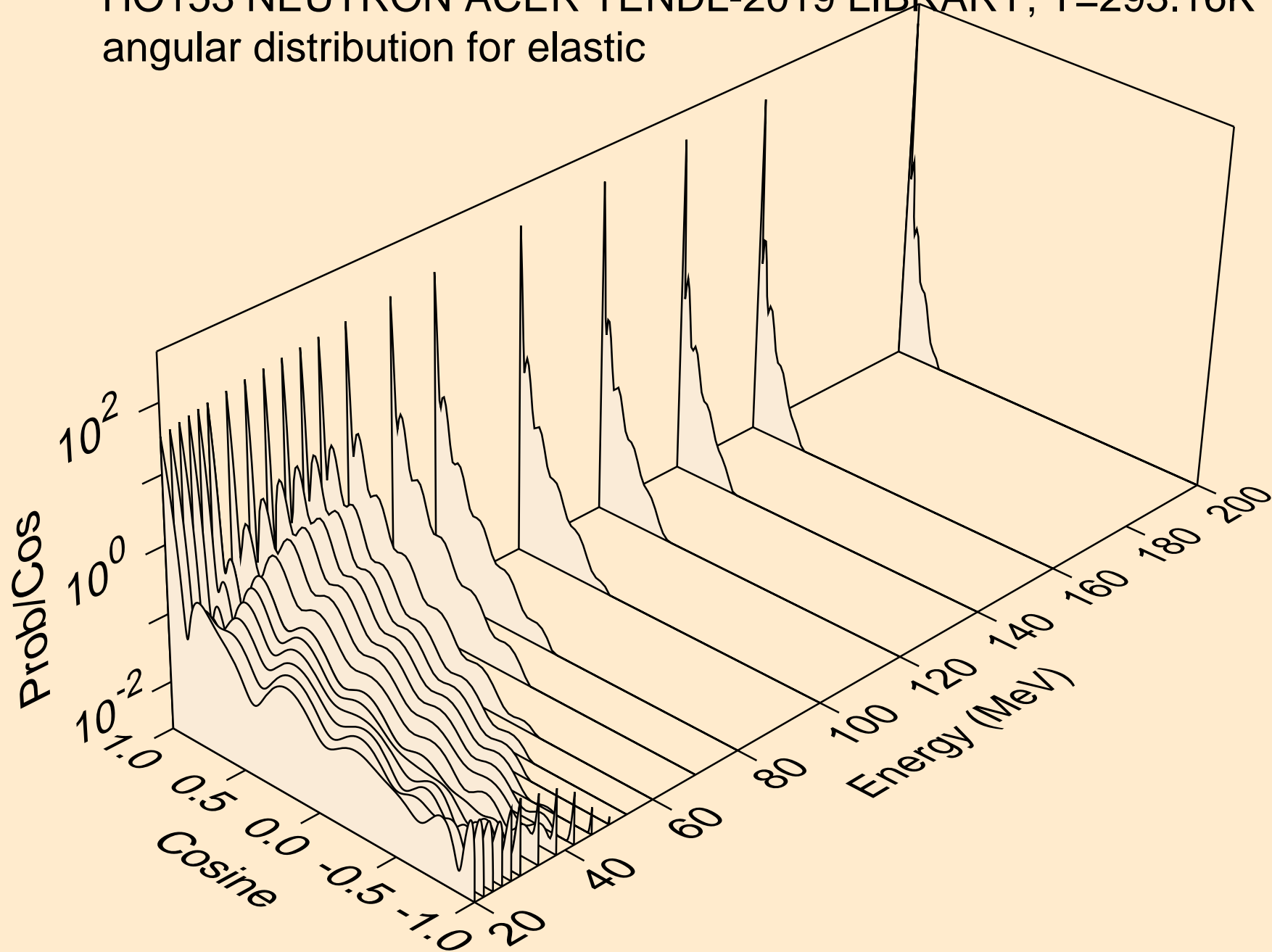
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



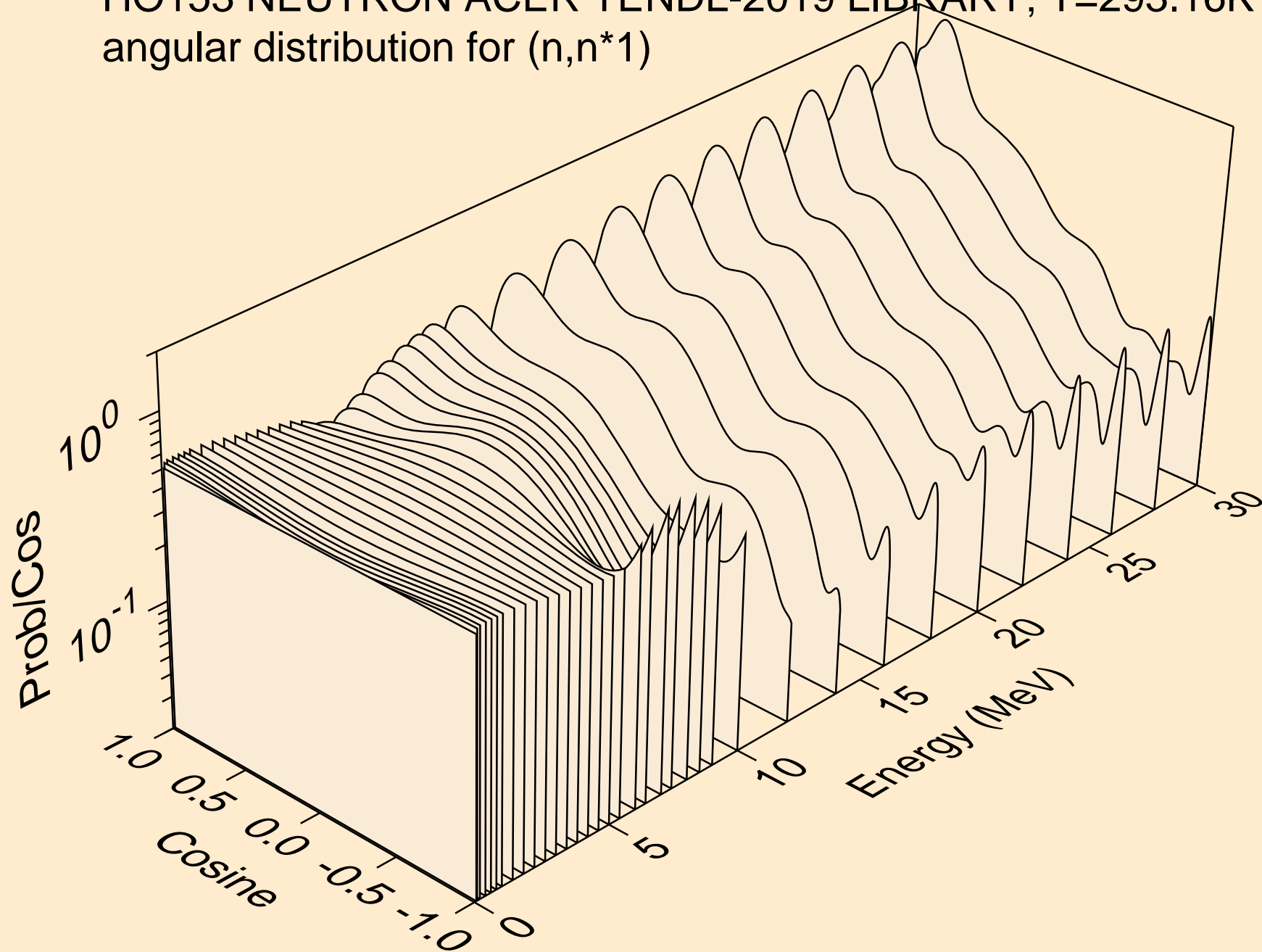
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



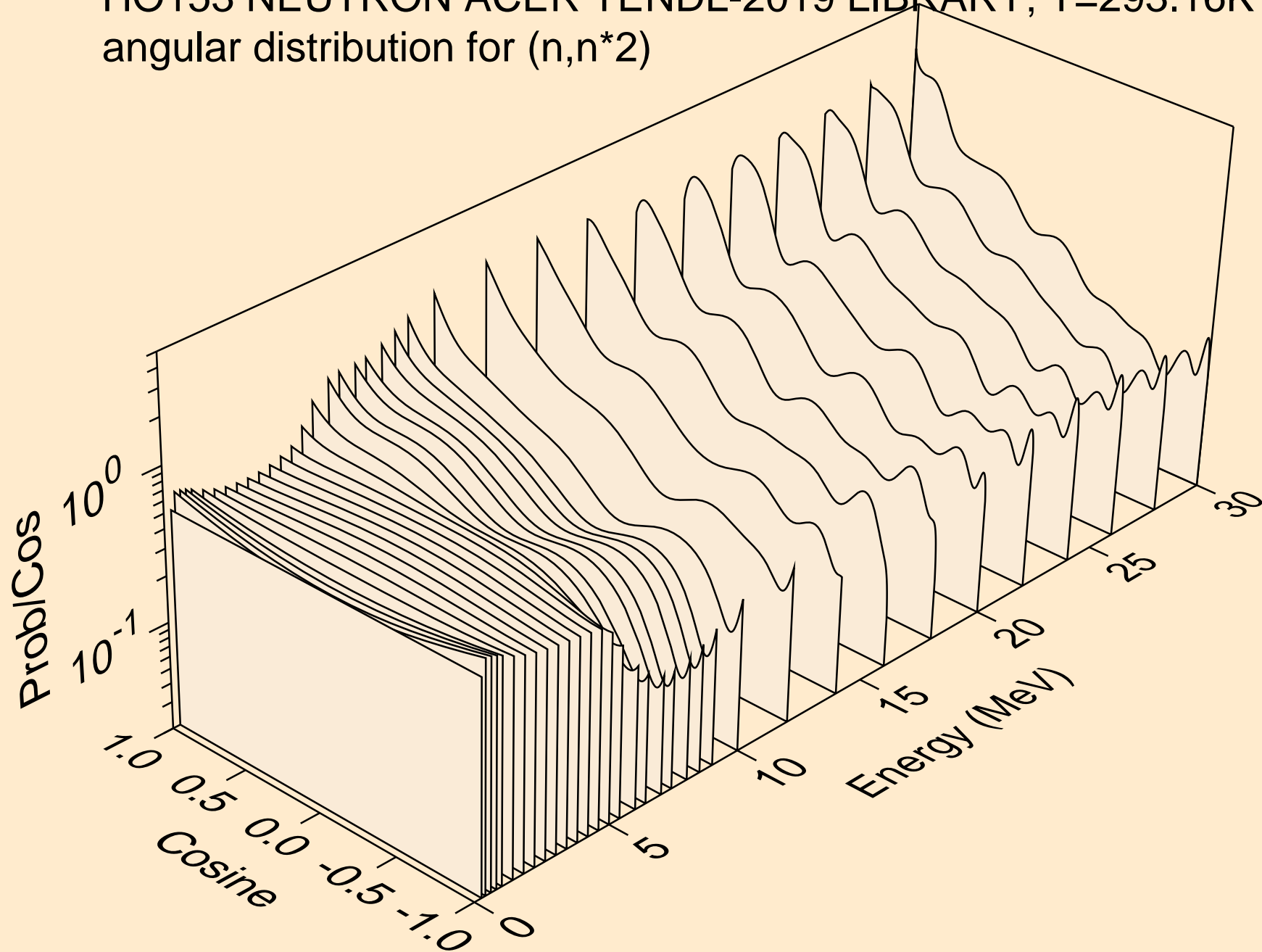
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



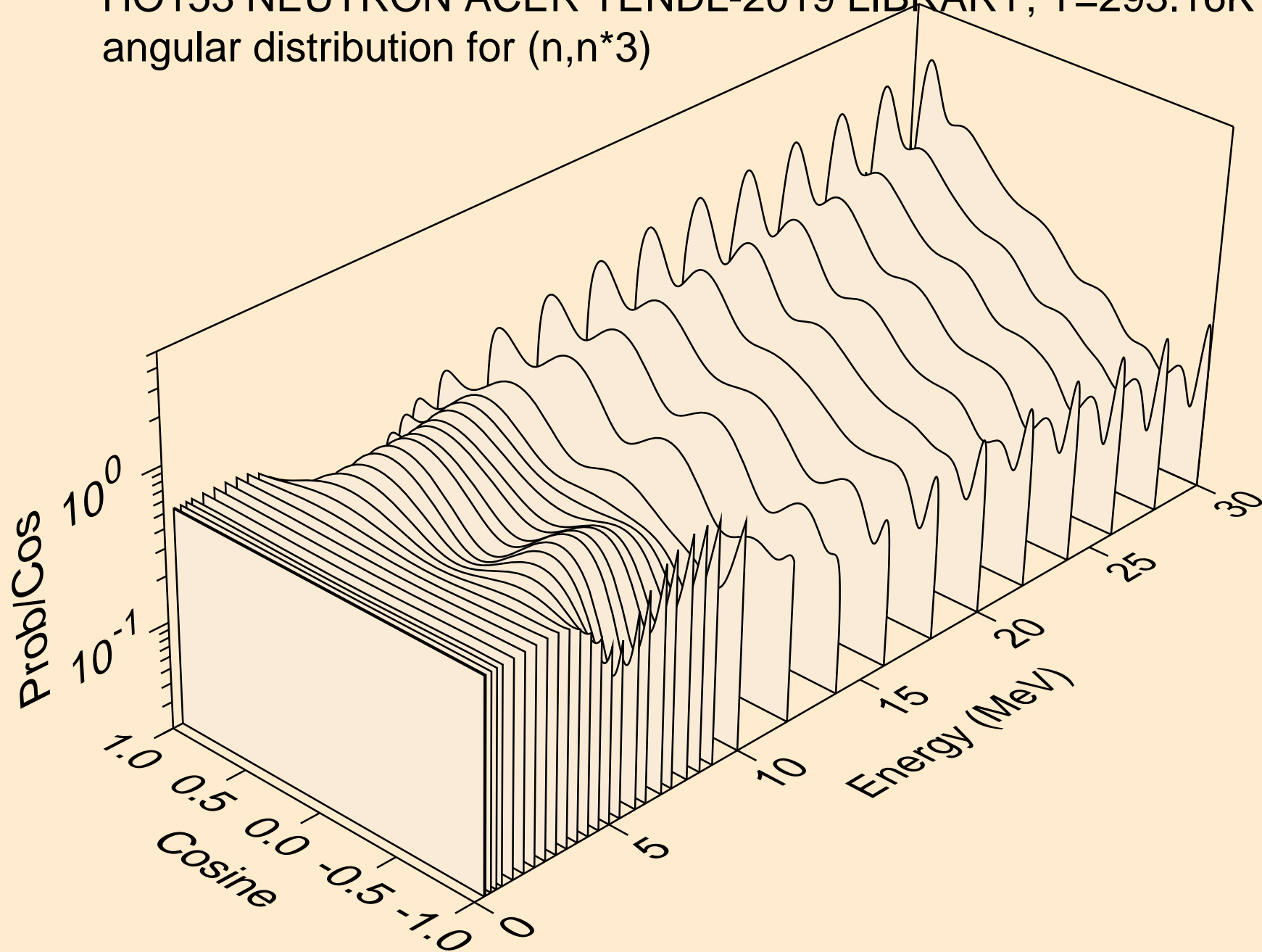
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



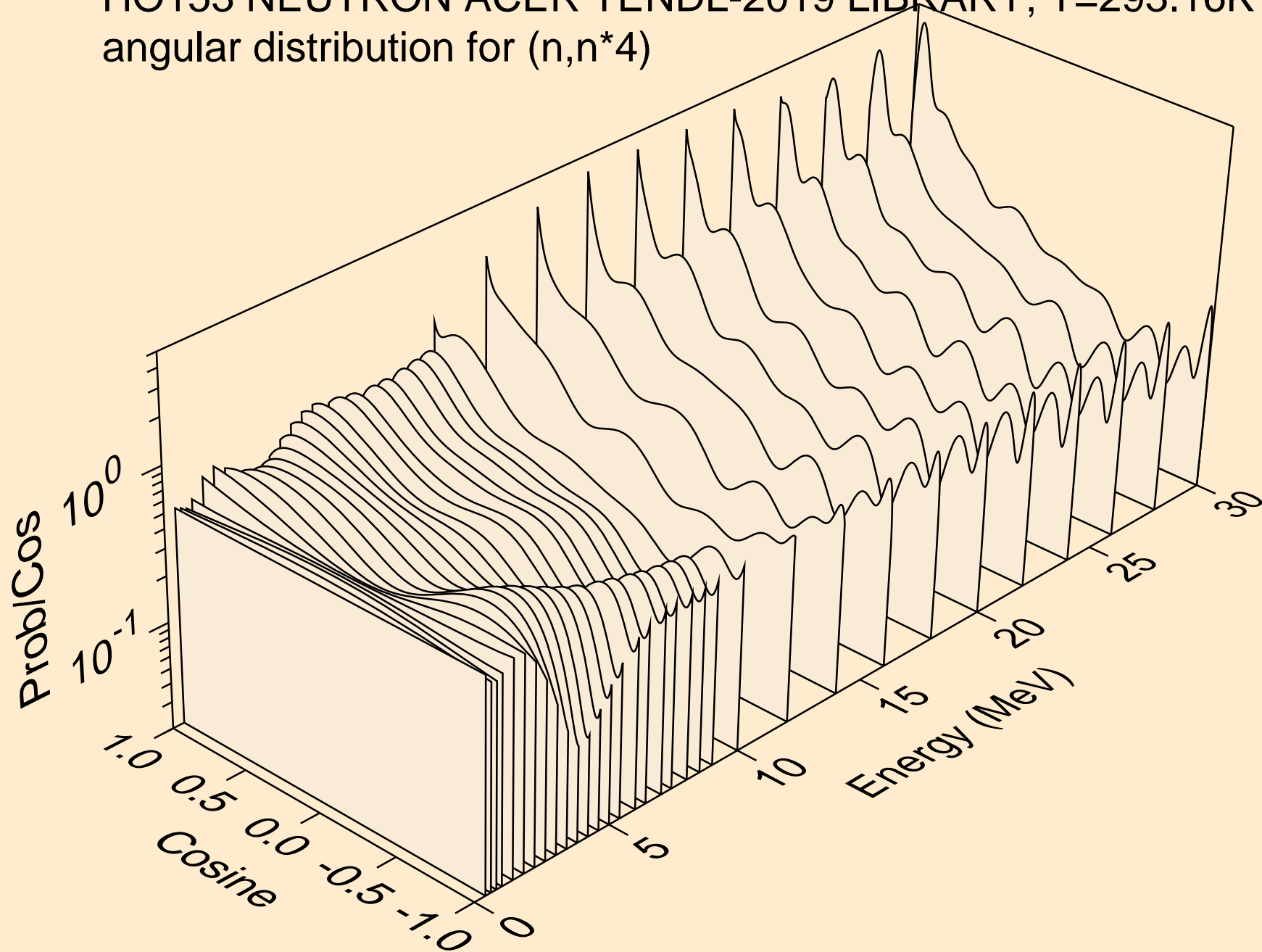
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



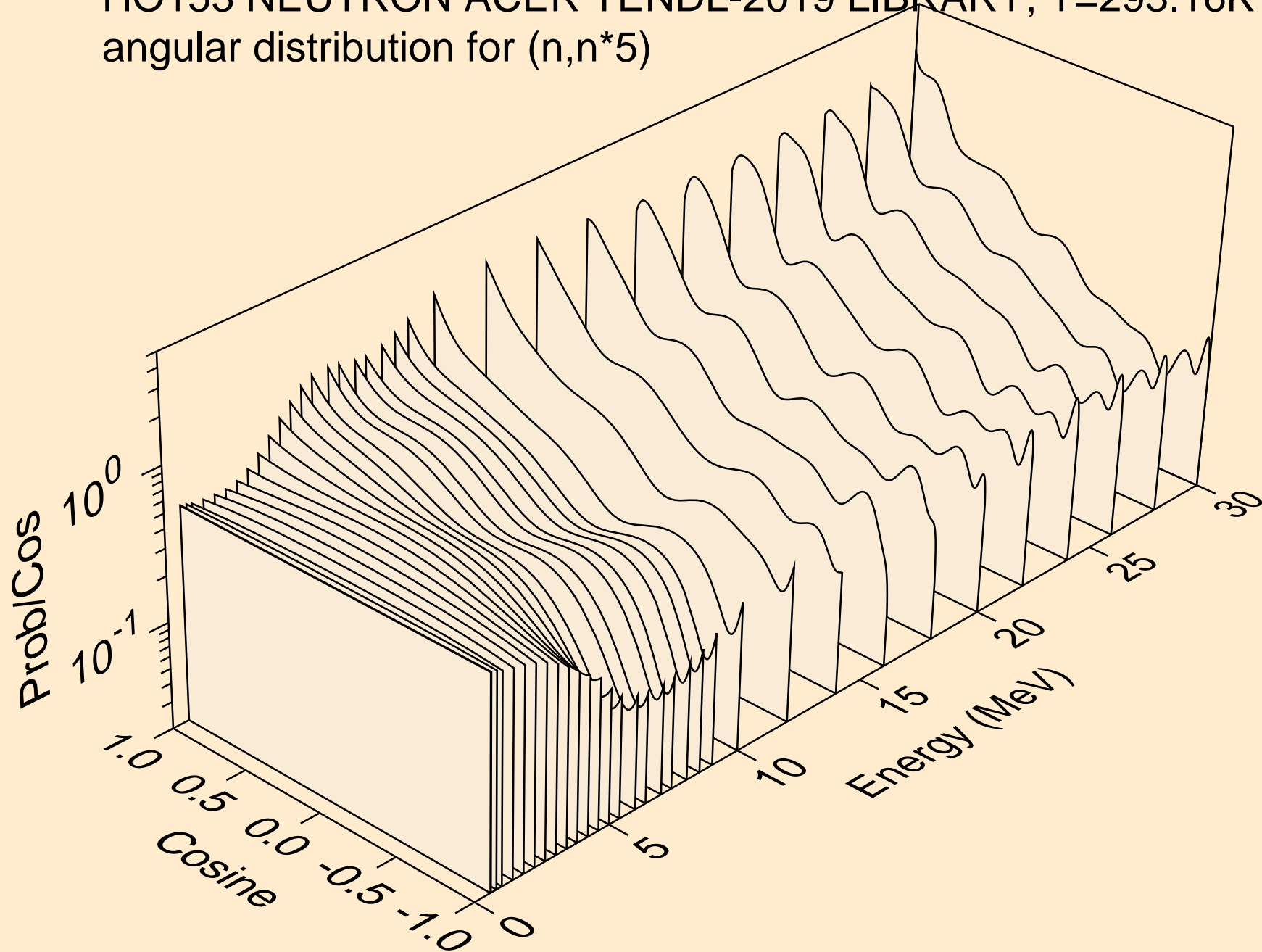
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



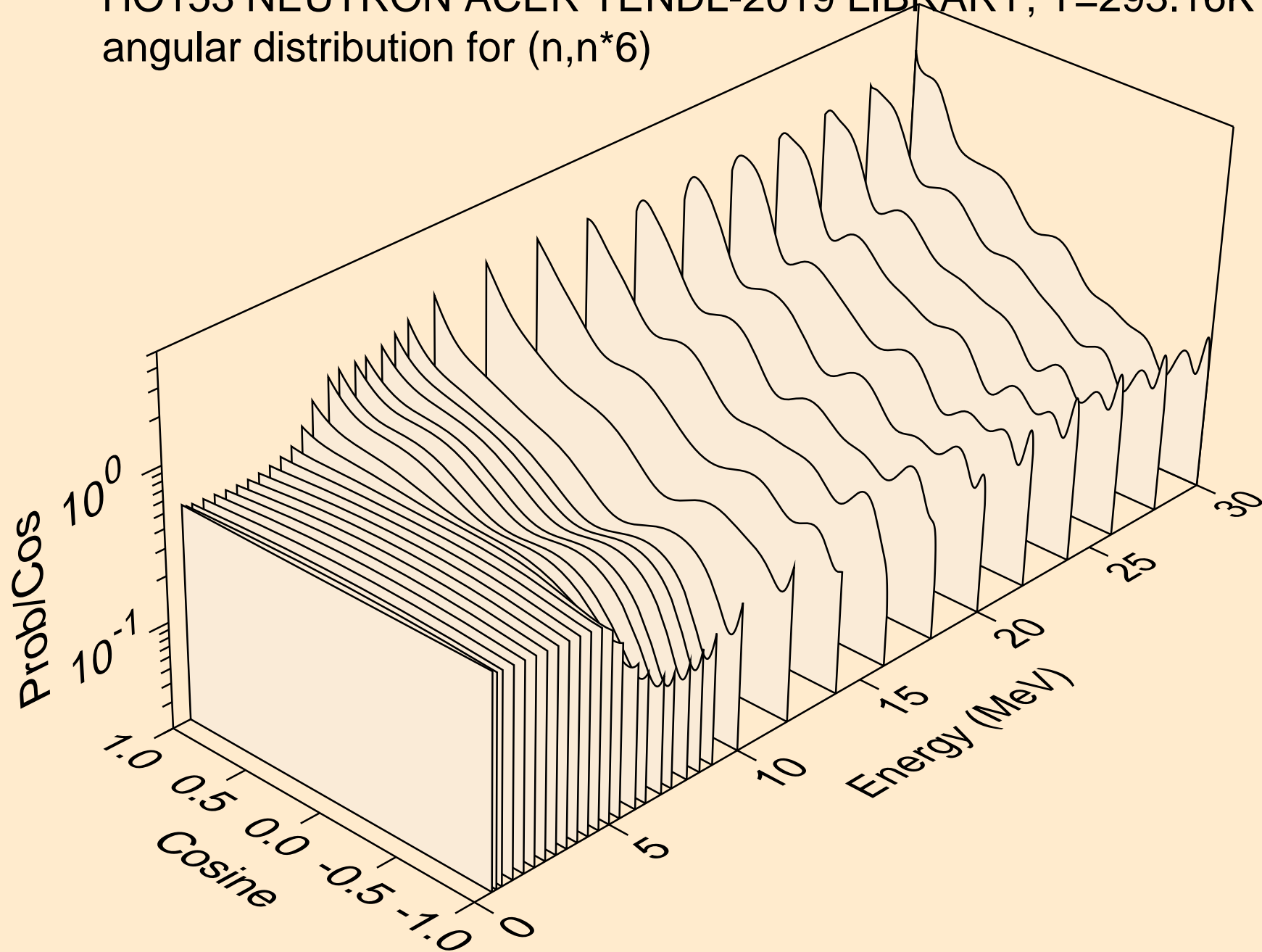
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



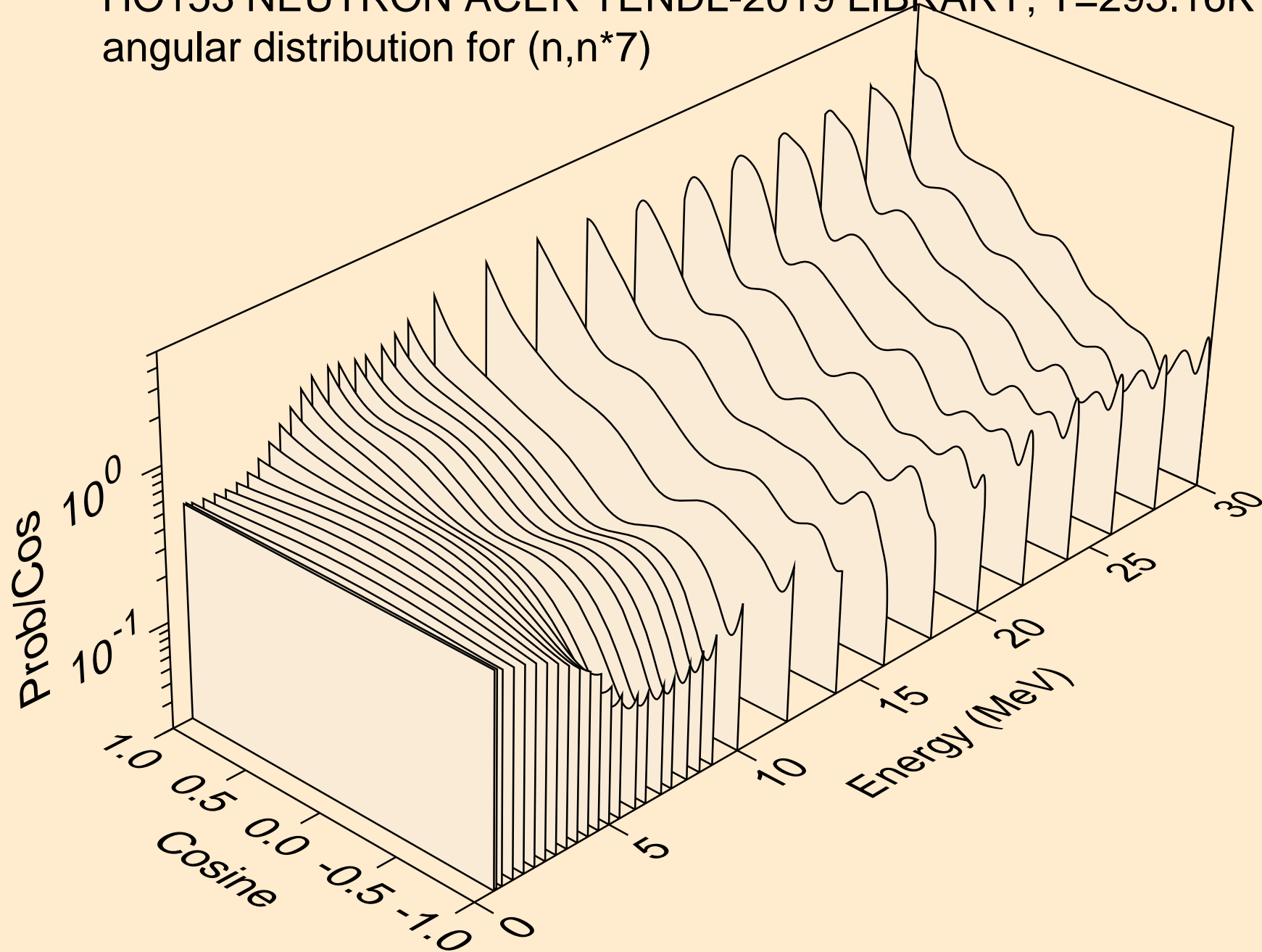
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



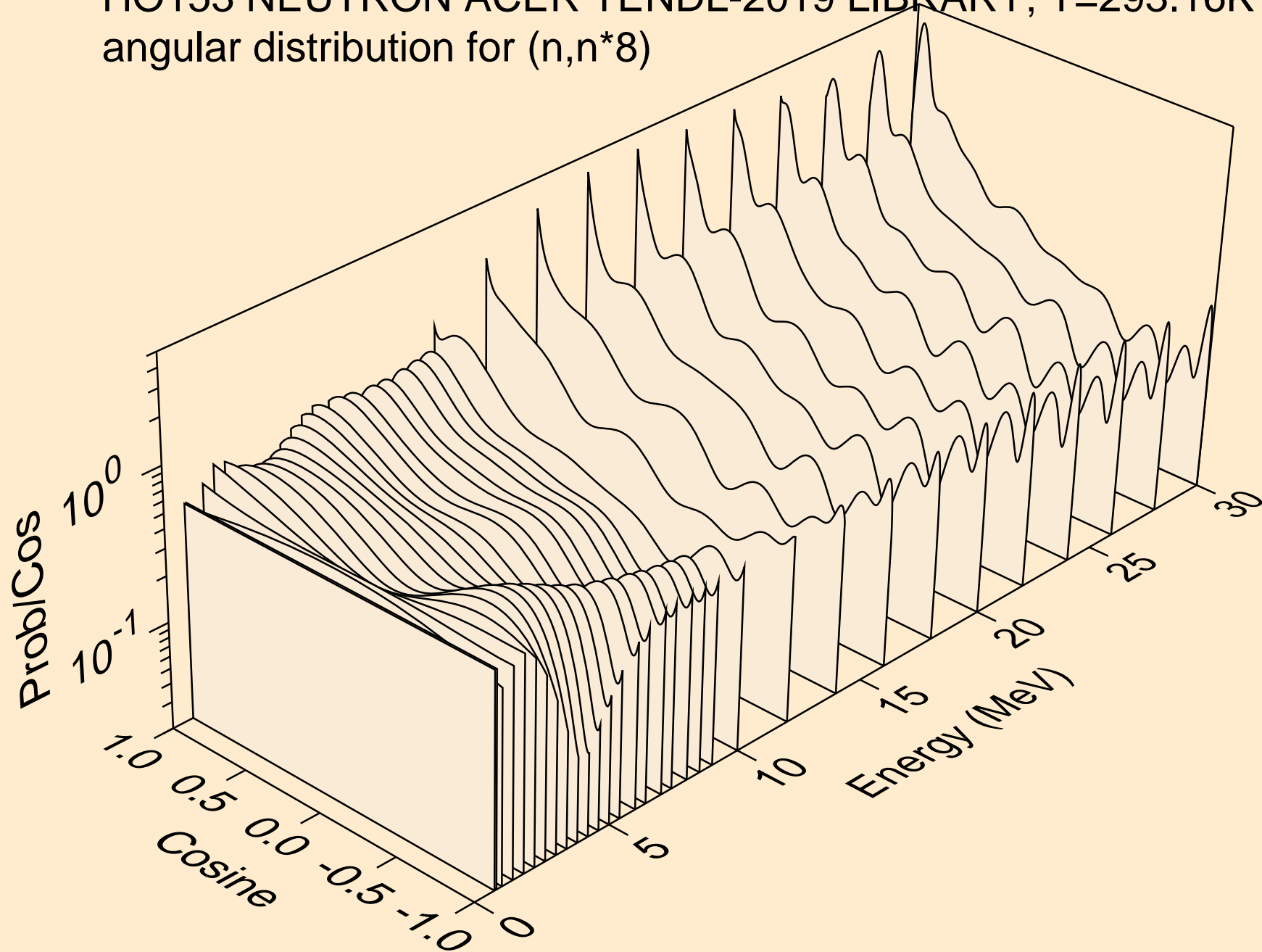
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



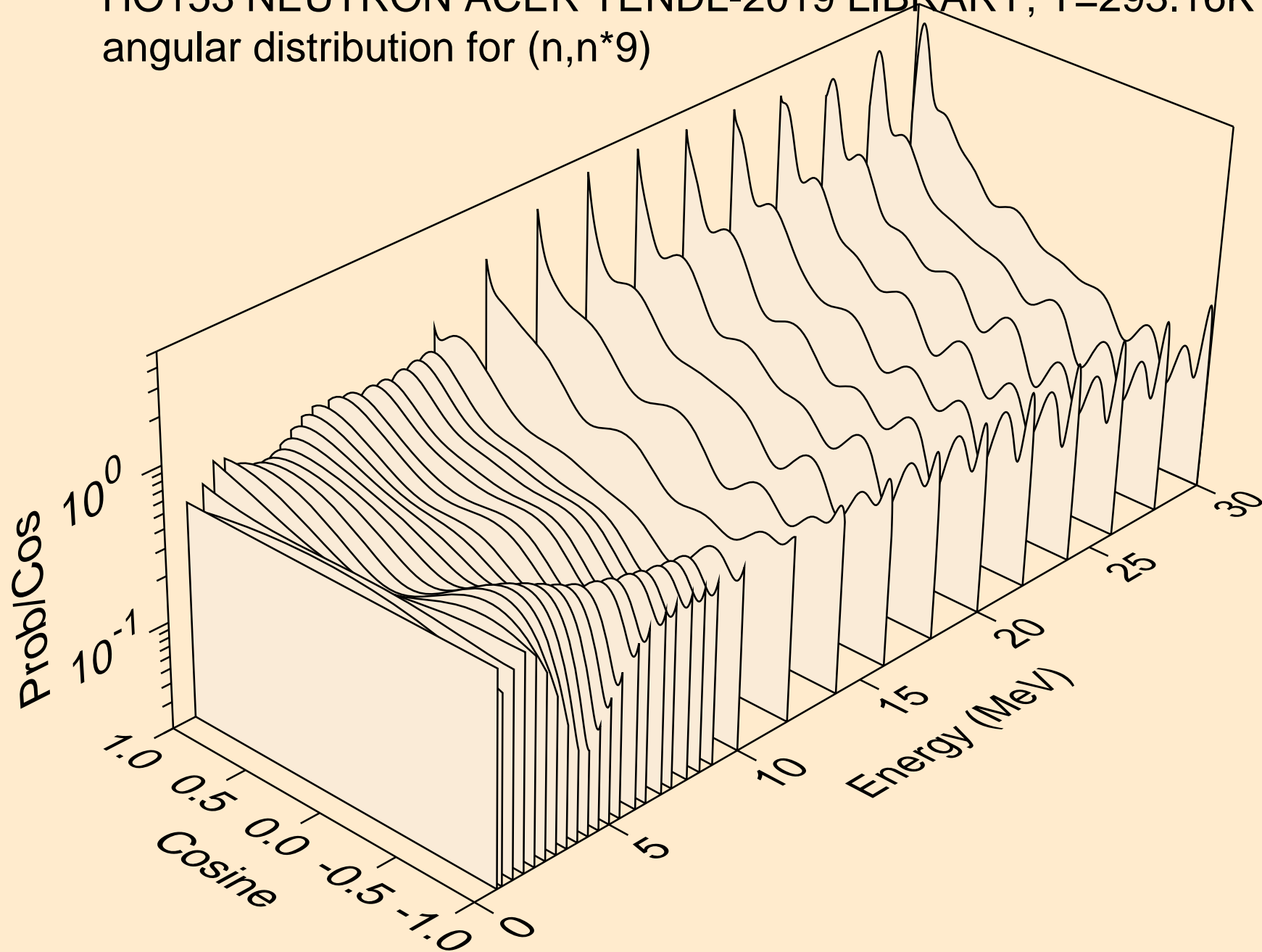
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



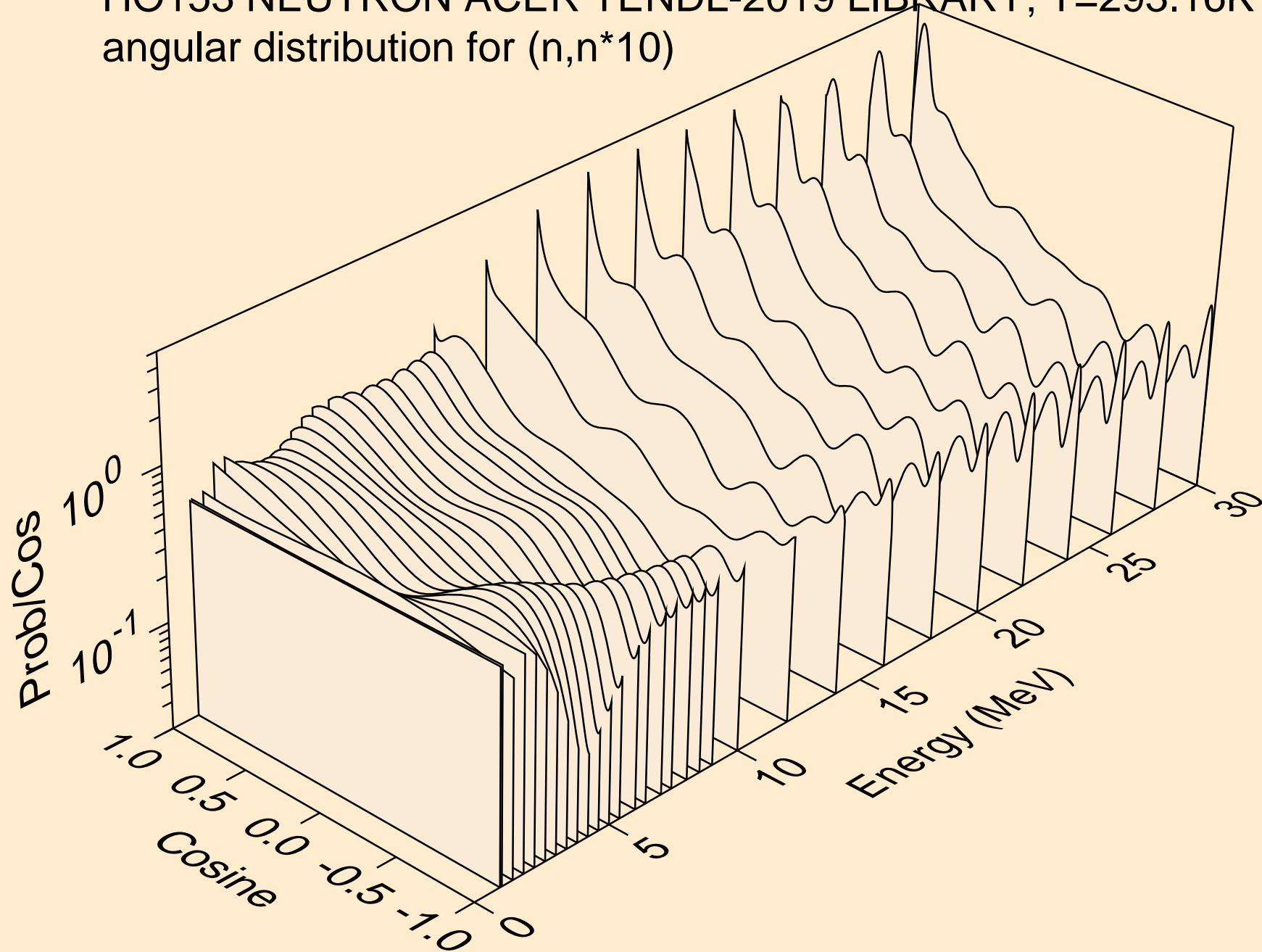
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



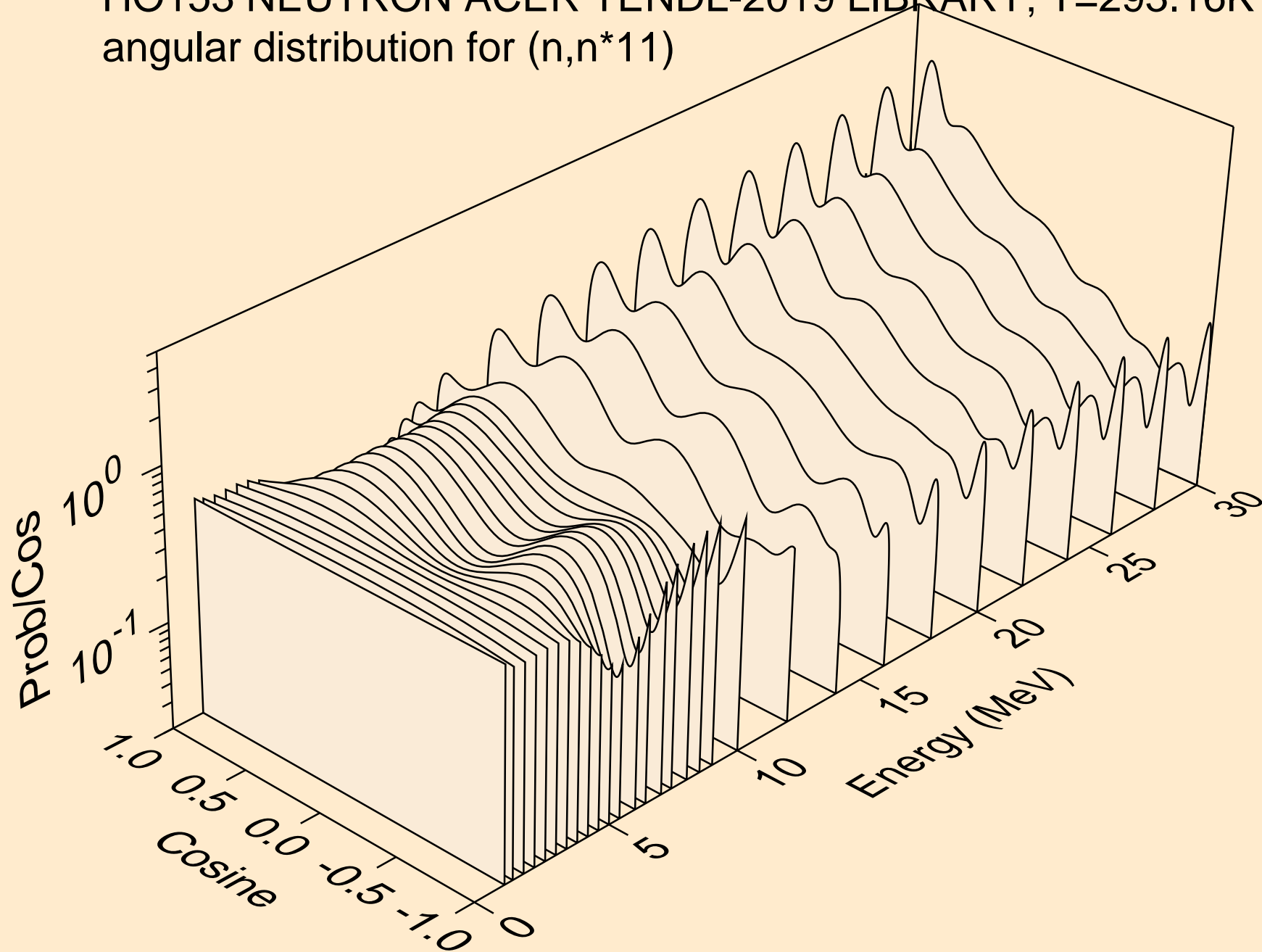
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



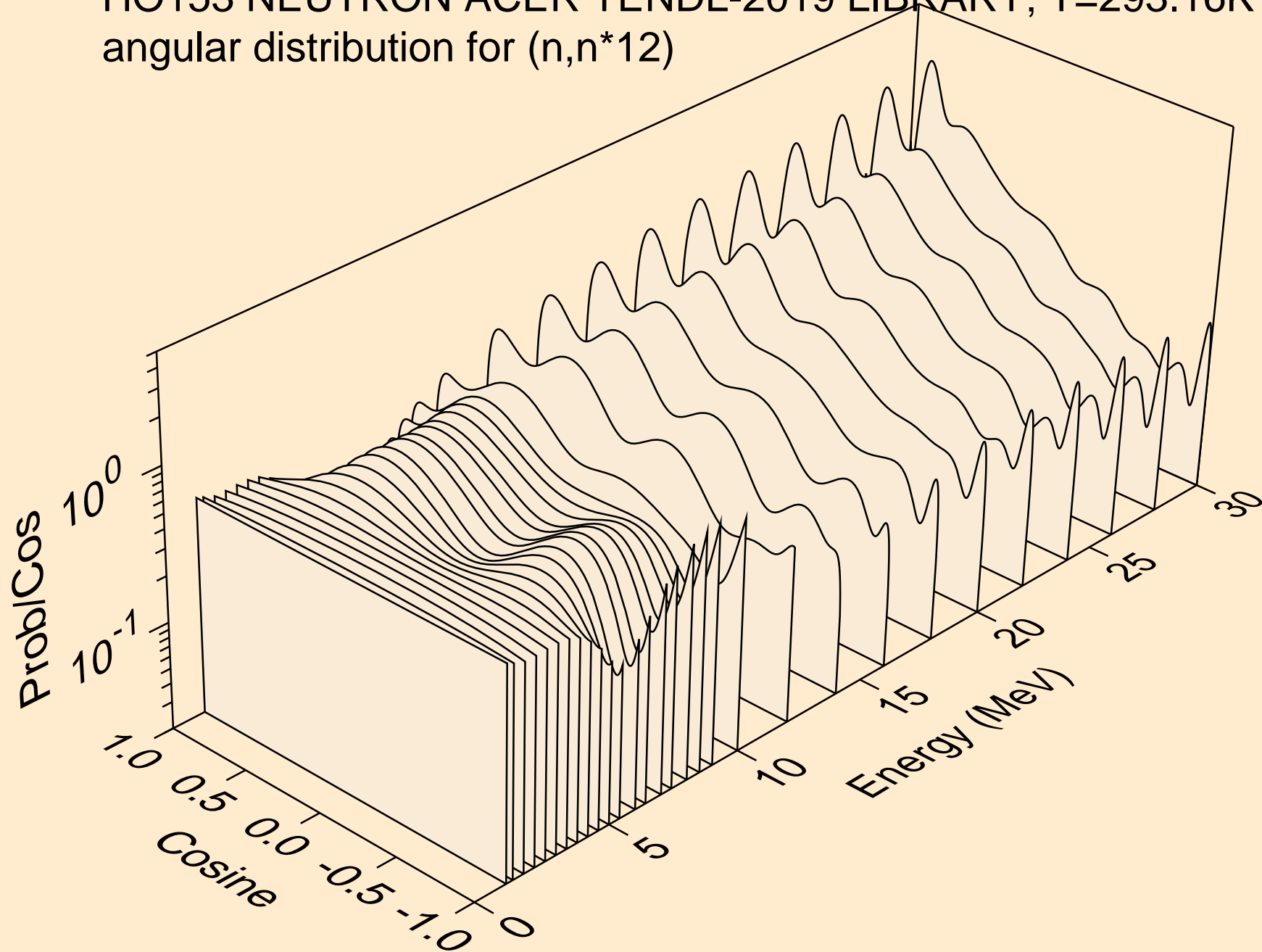
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



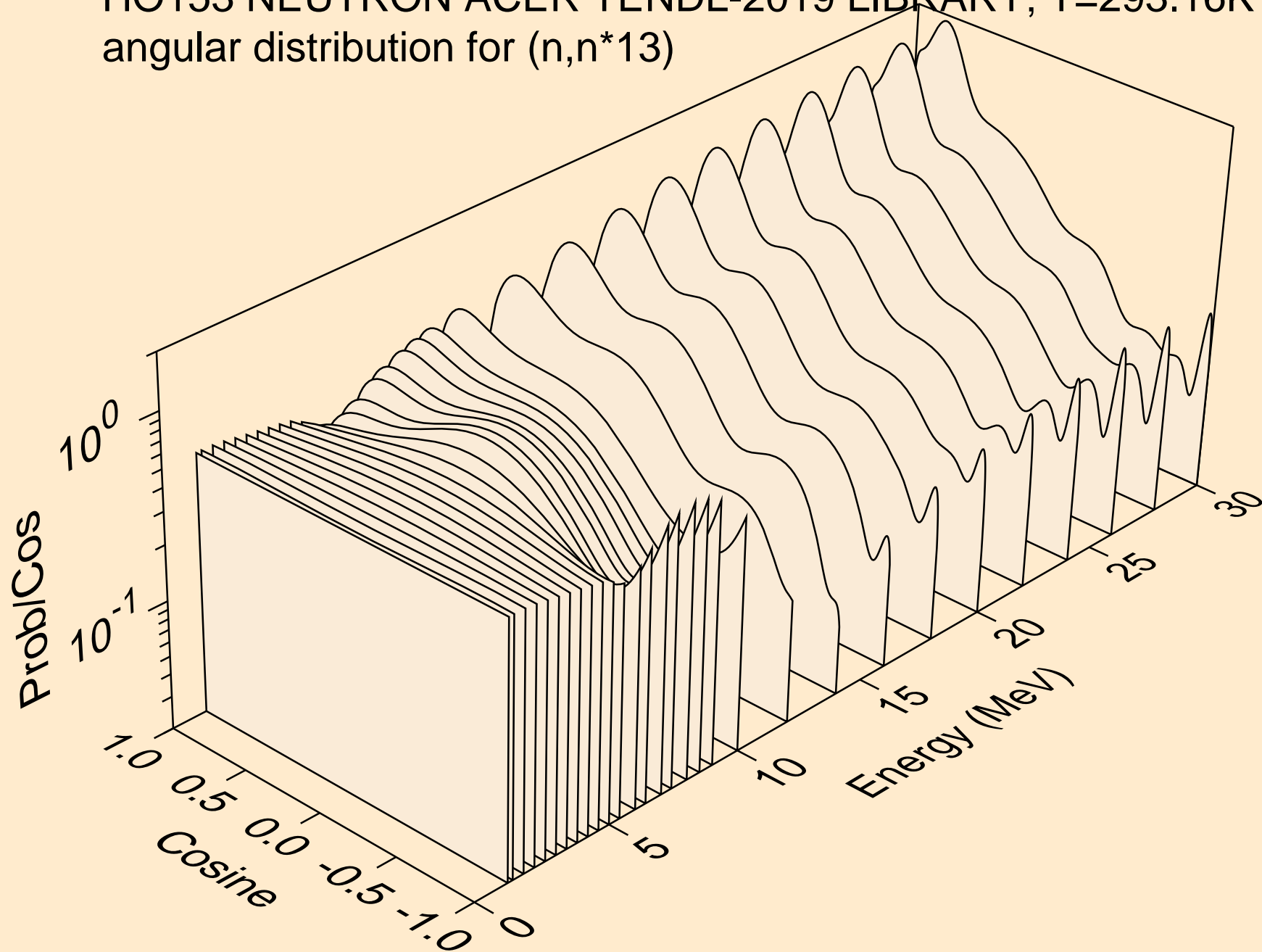
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



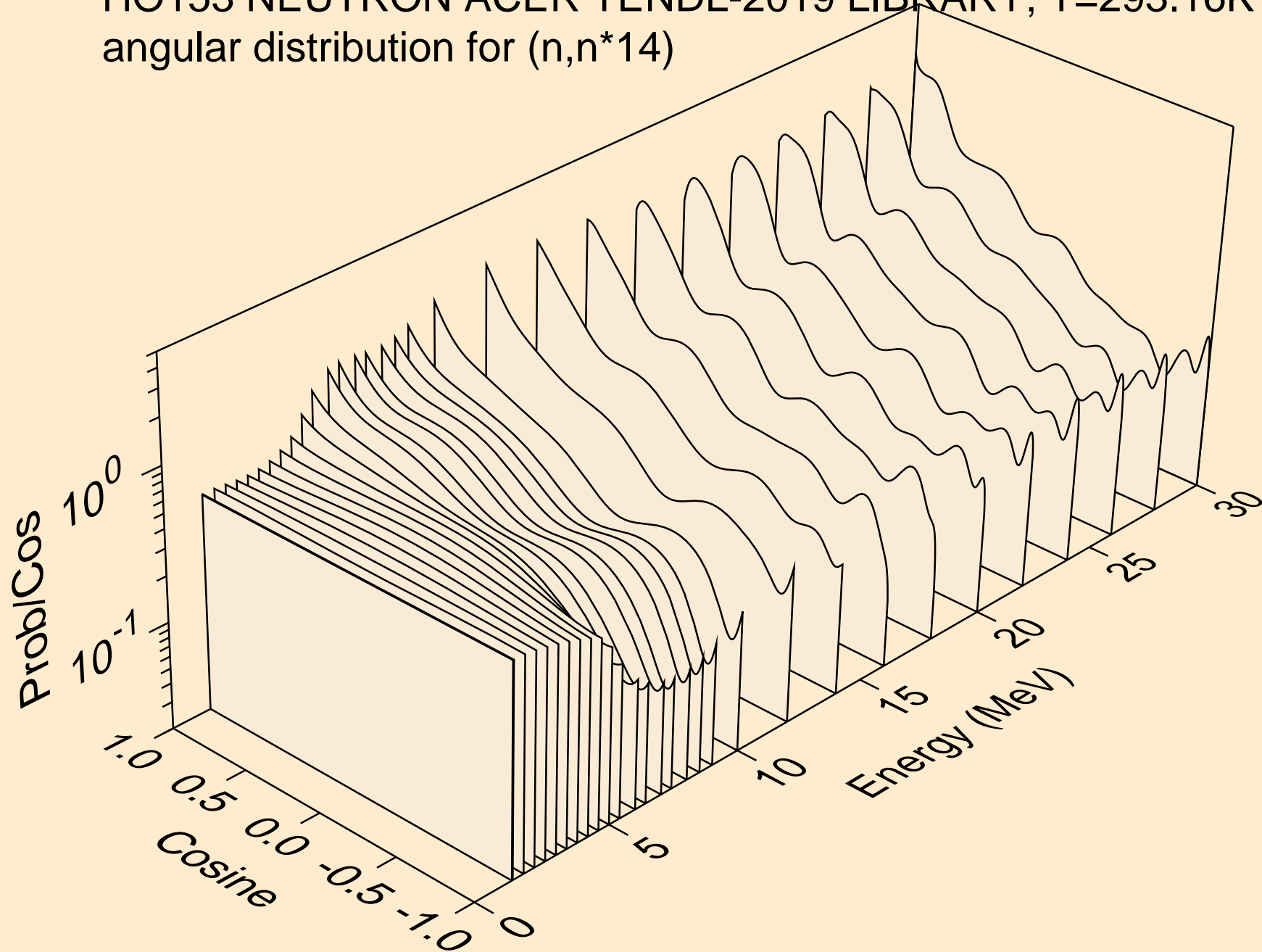
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



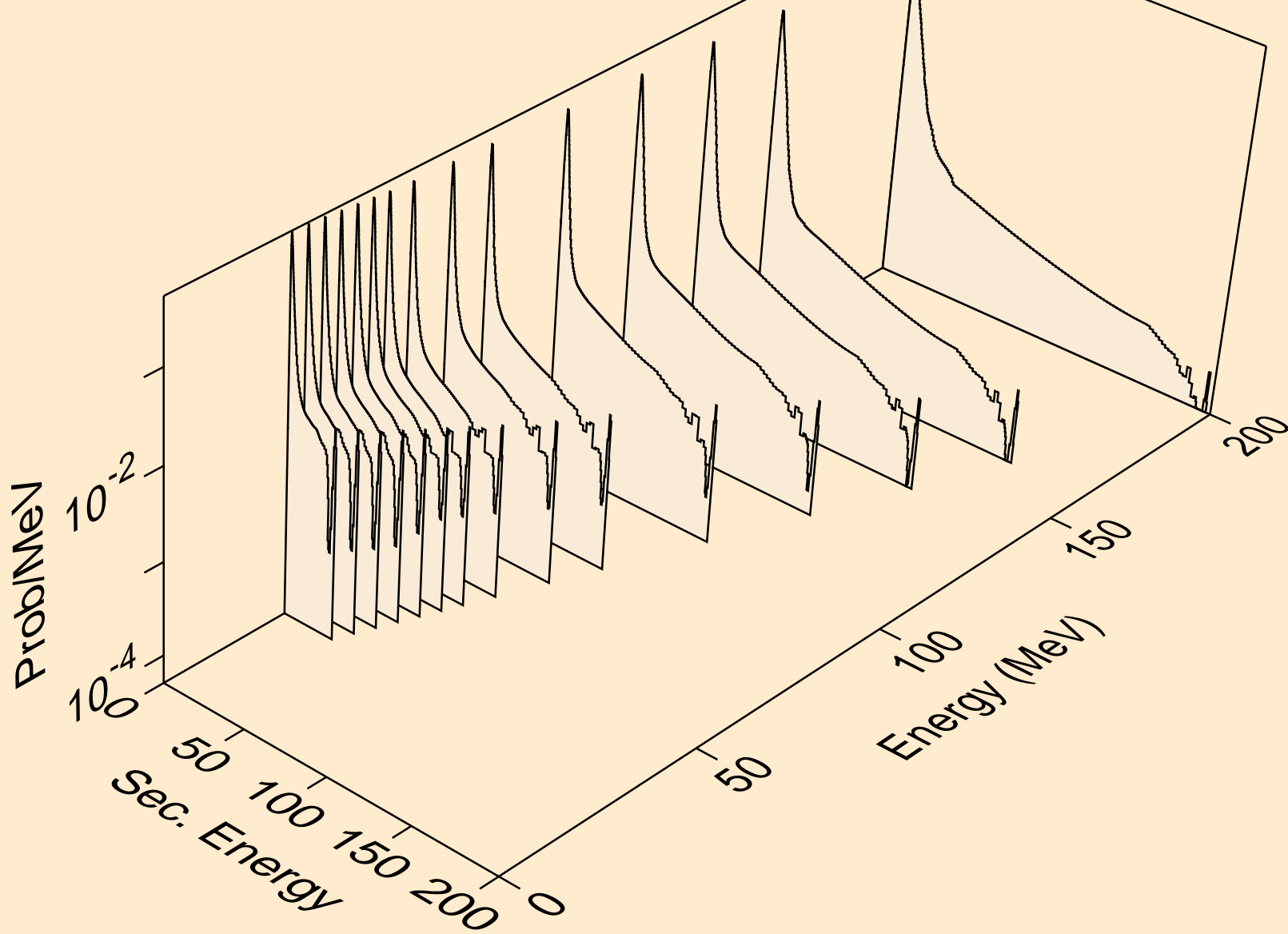
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*13)



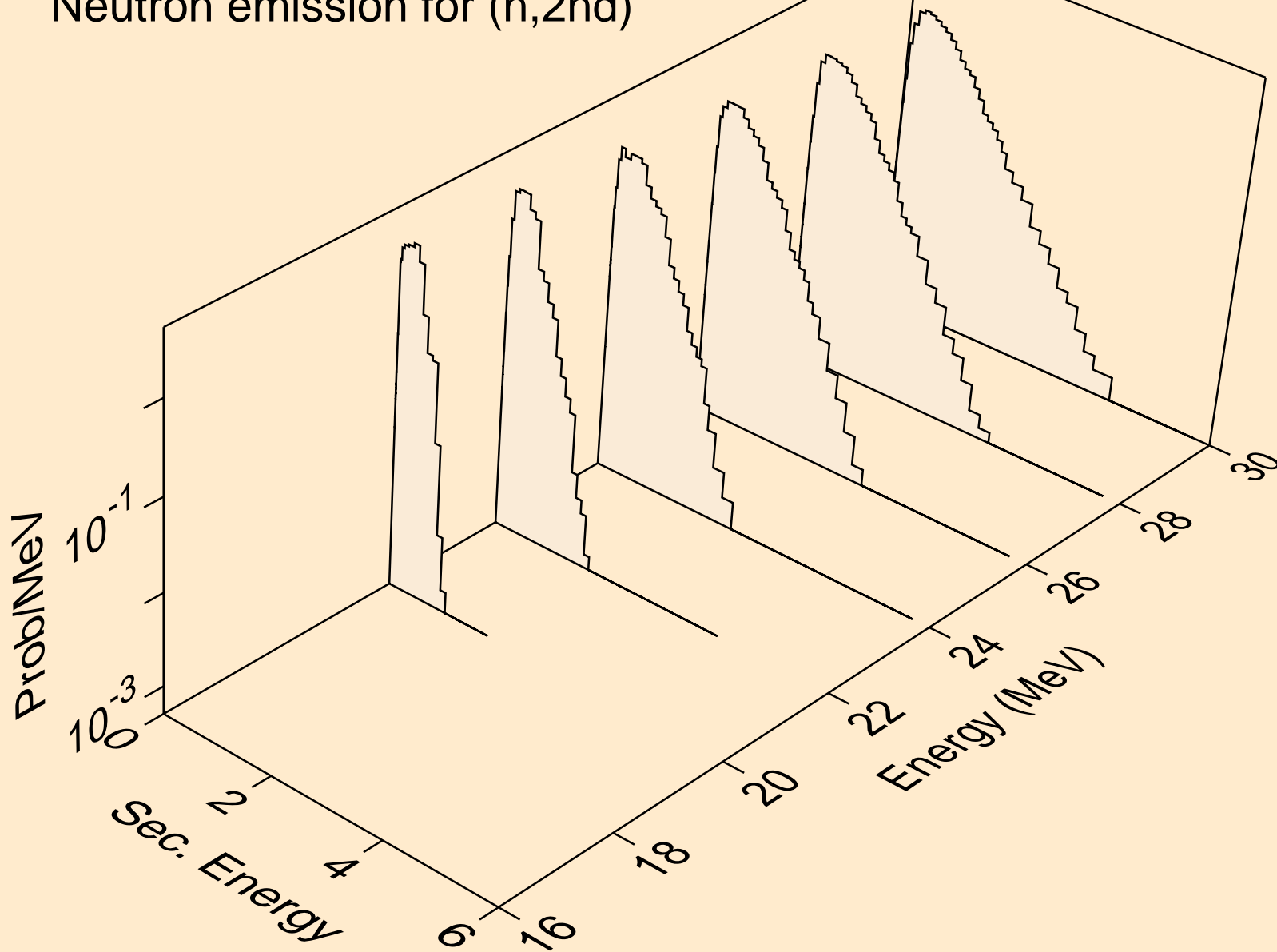
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*14)



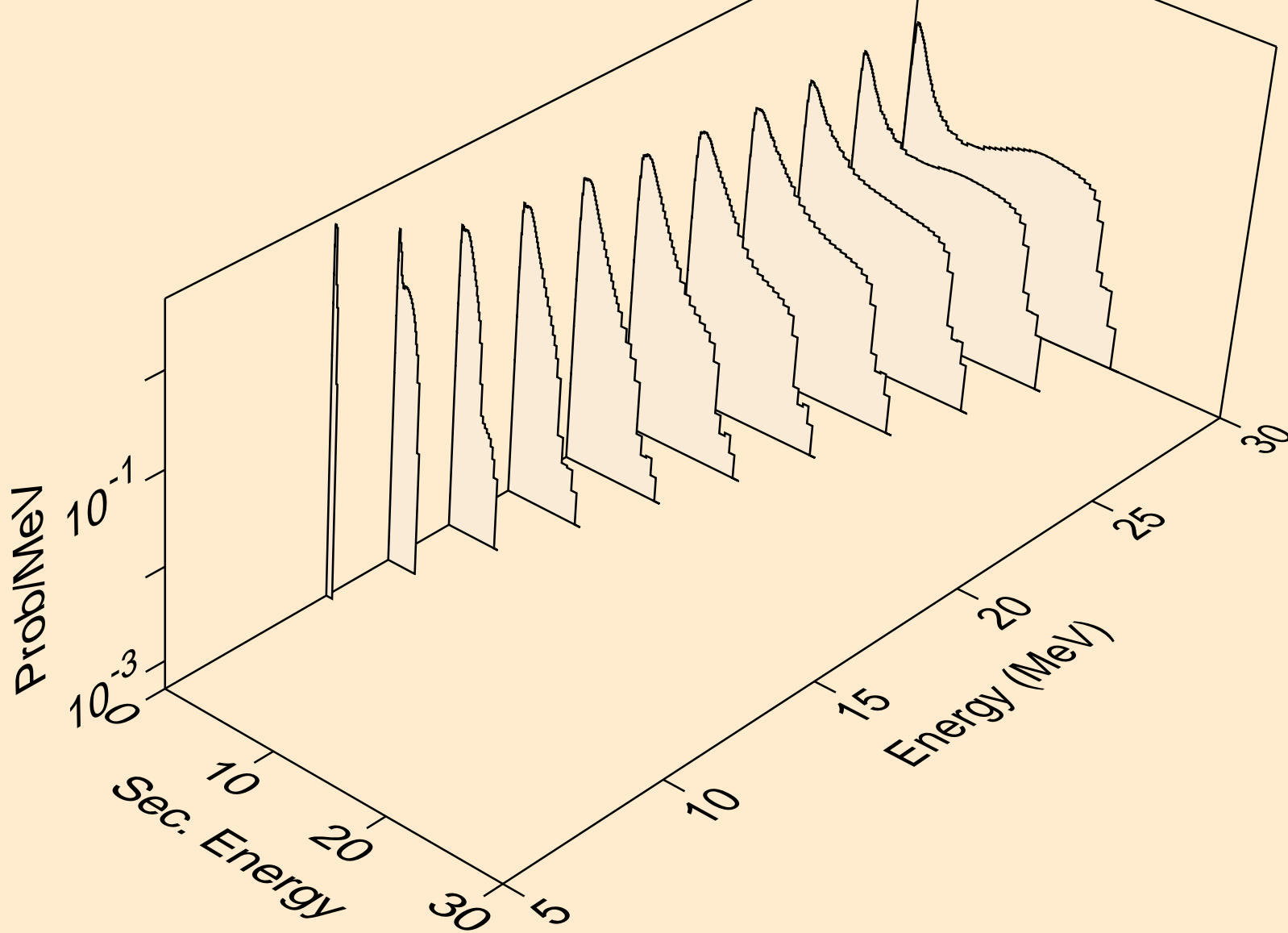
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



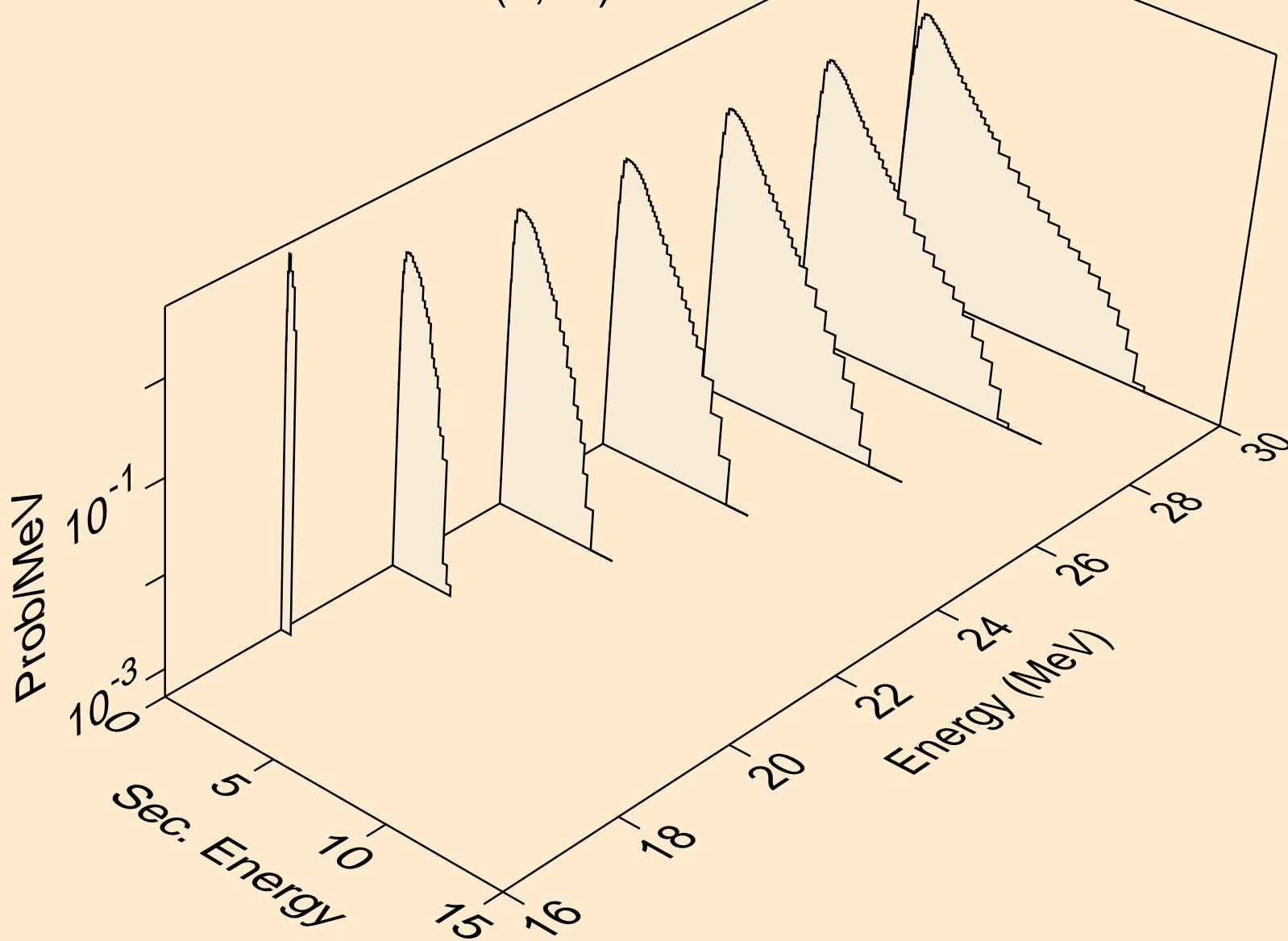
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



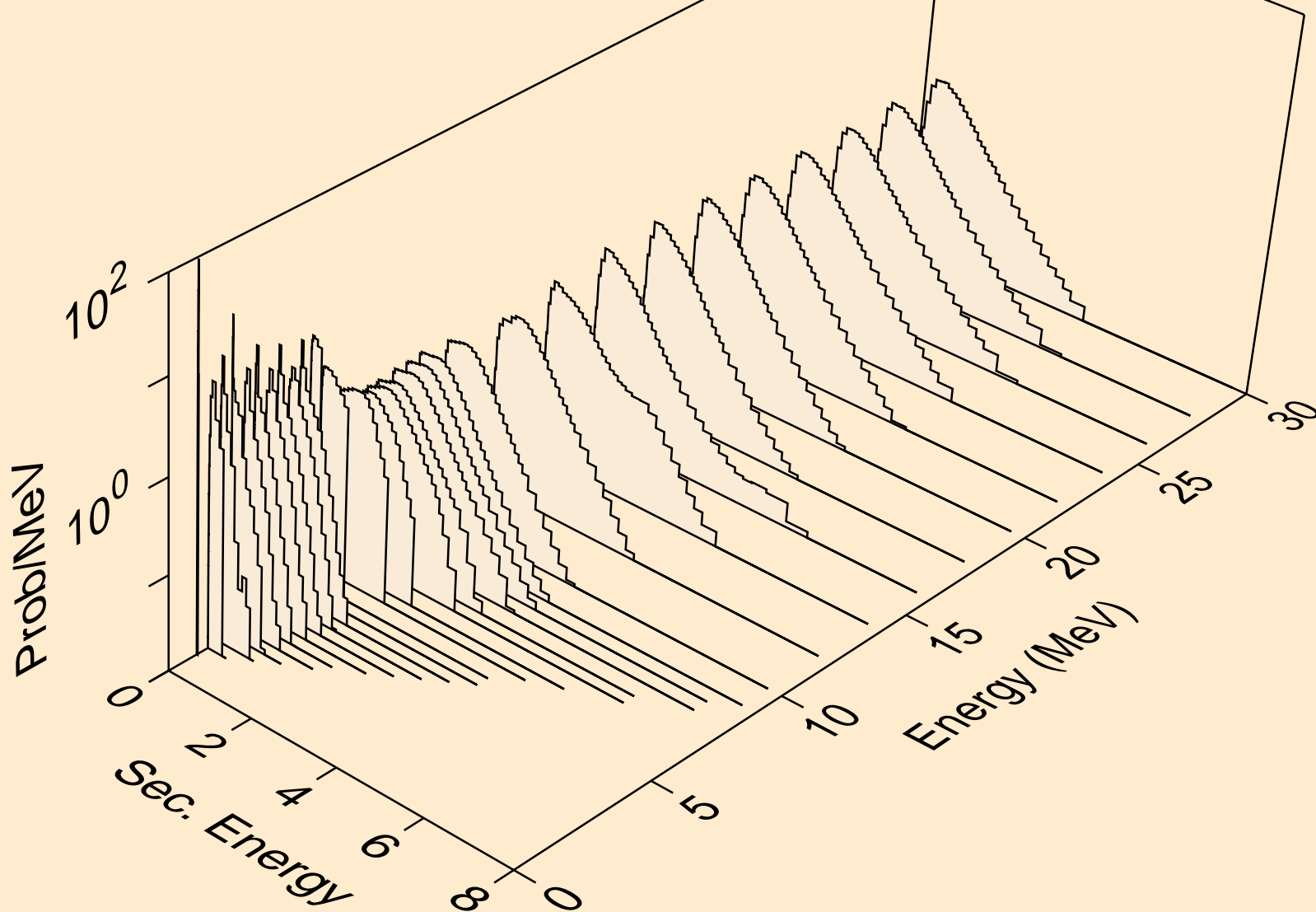
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



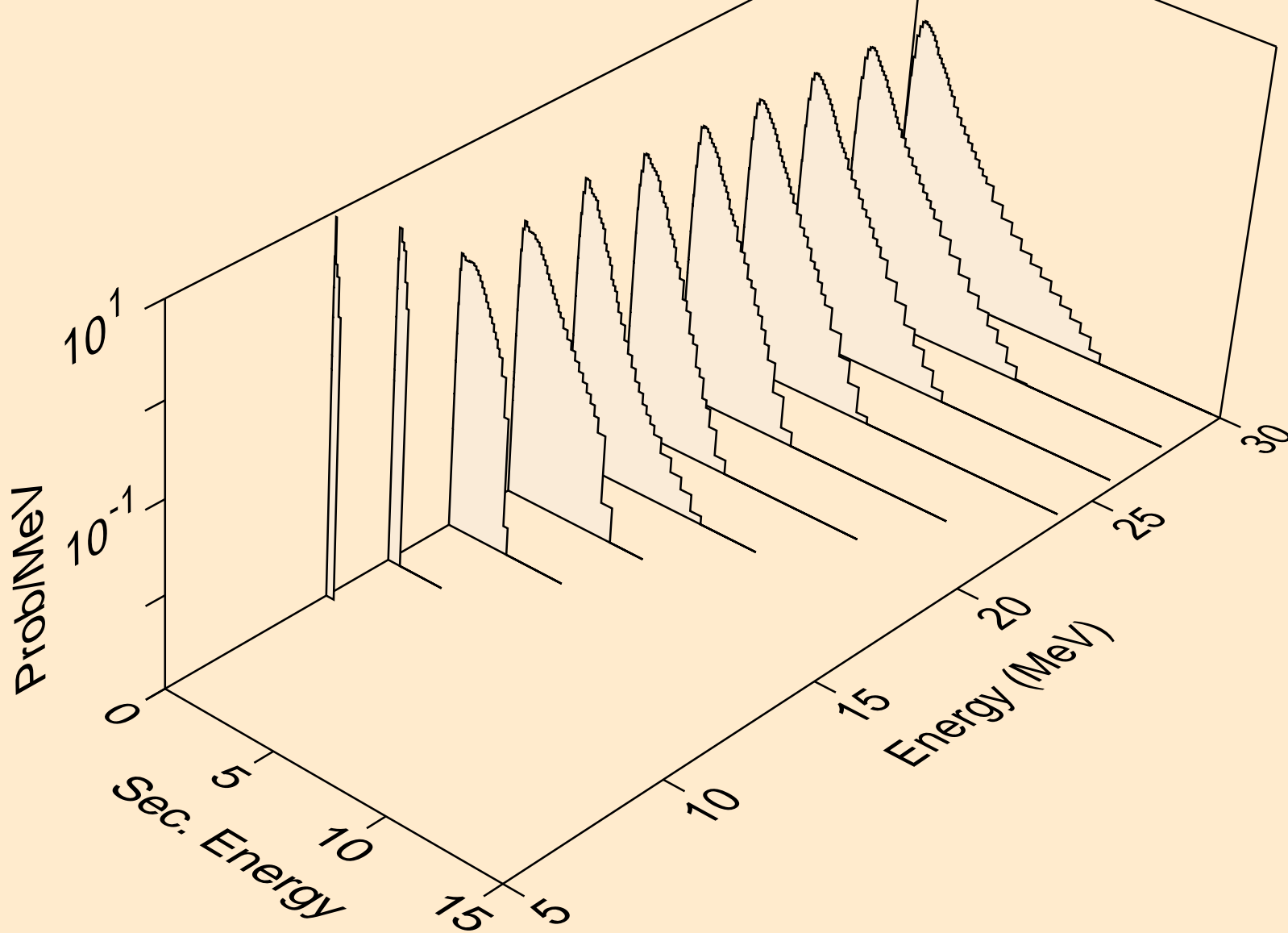
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



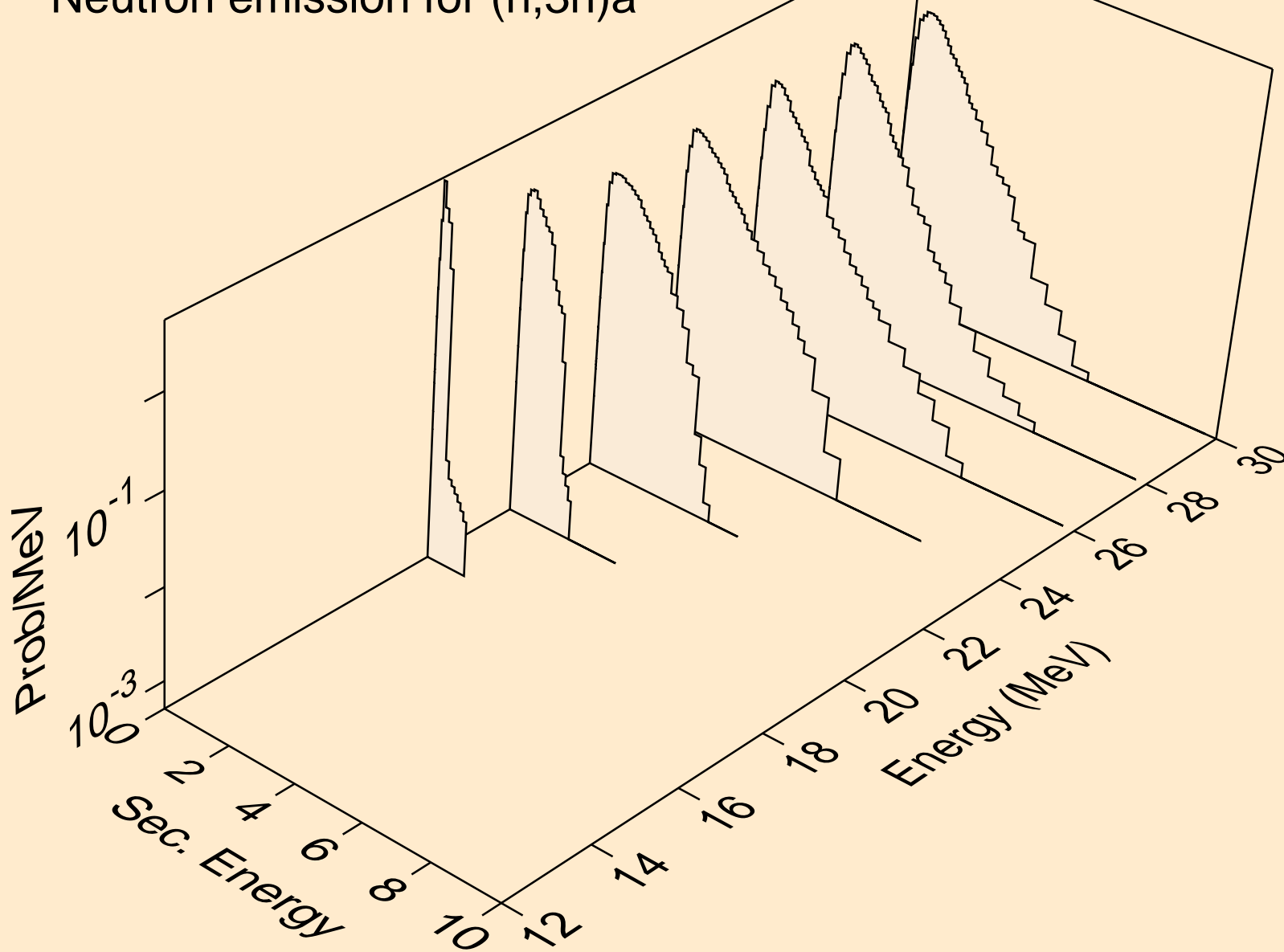
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



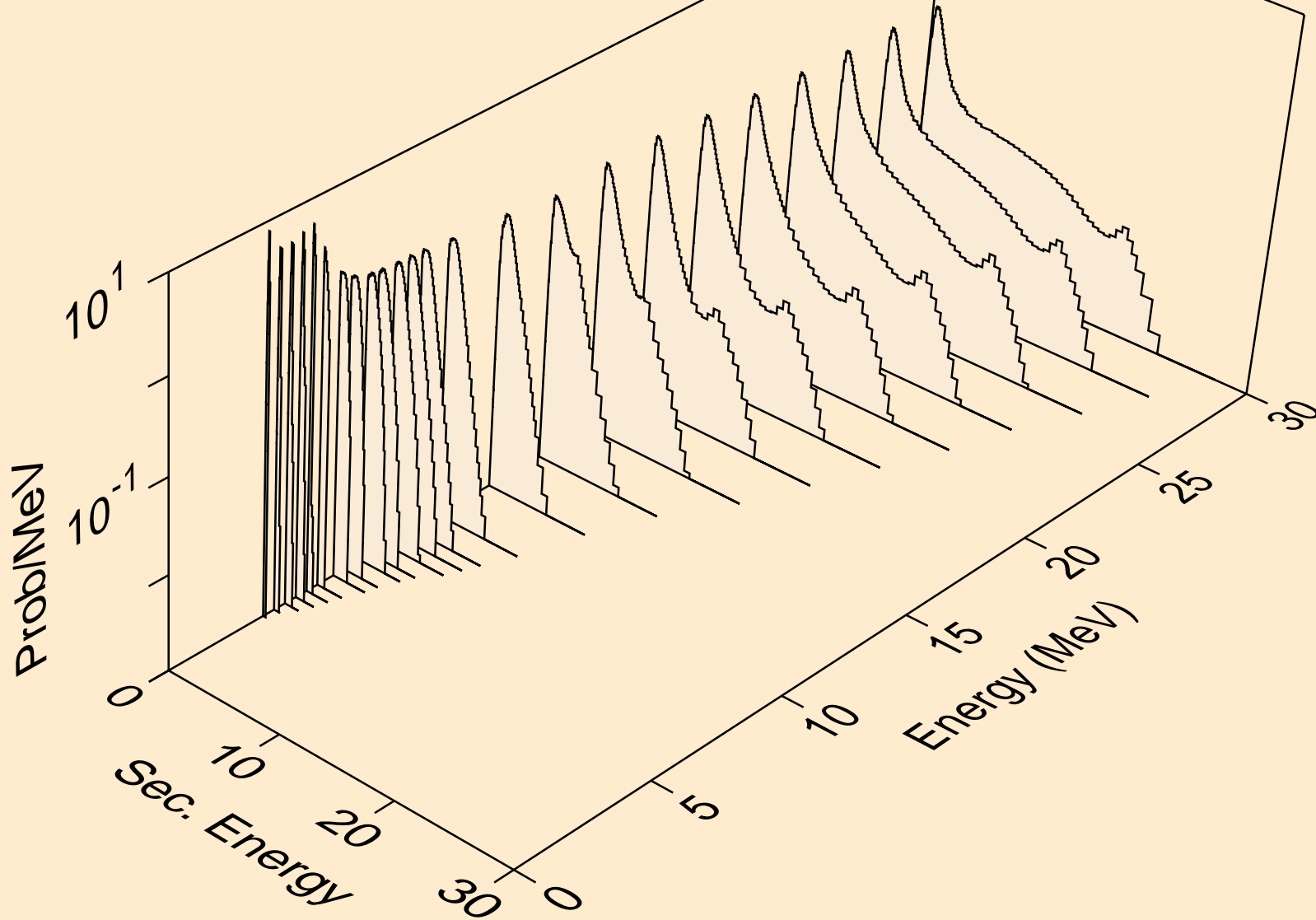
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



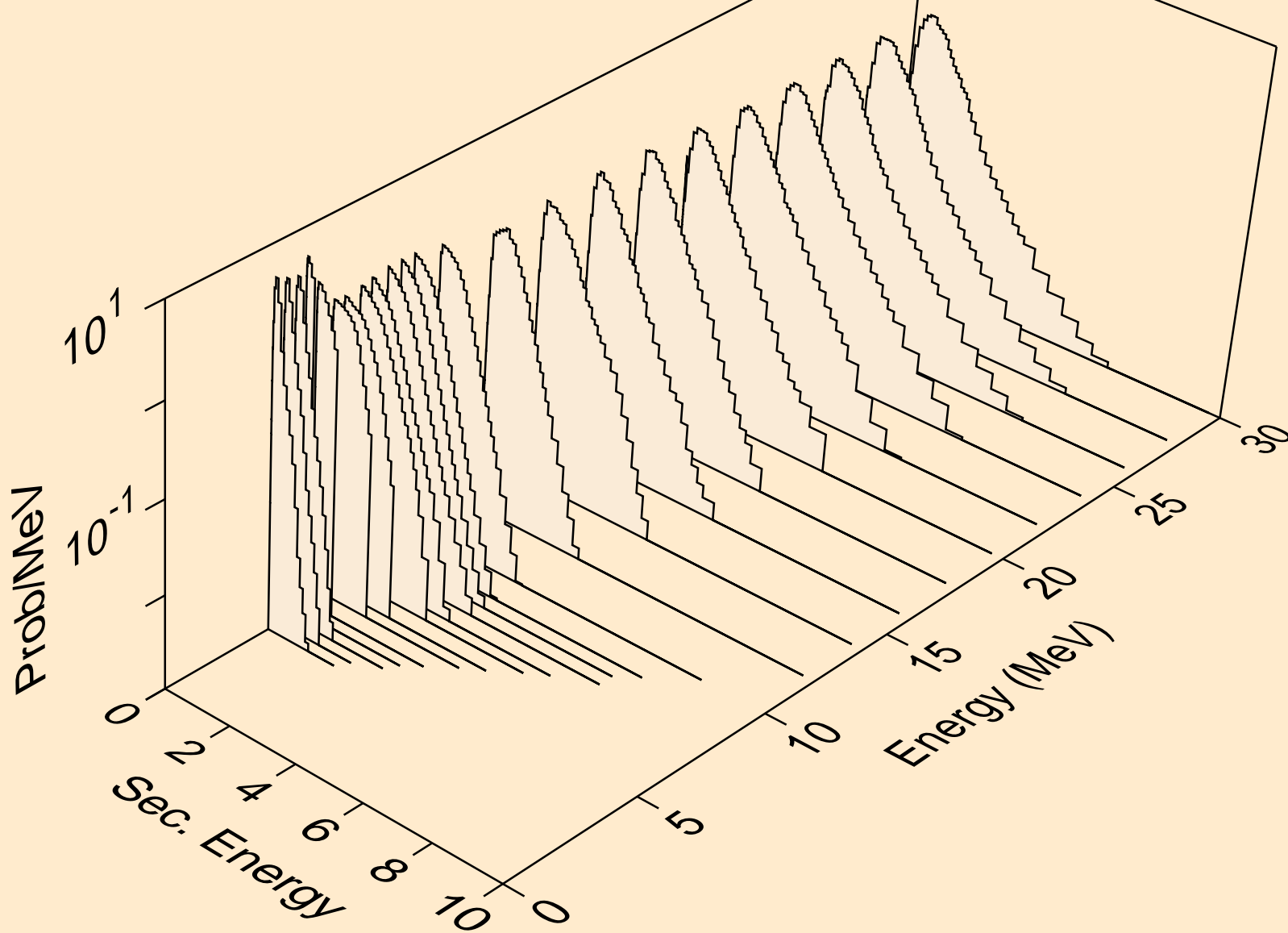
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



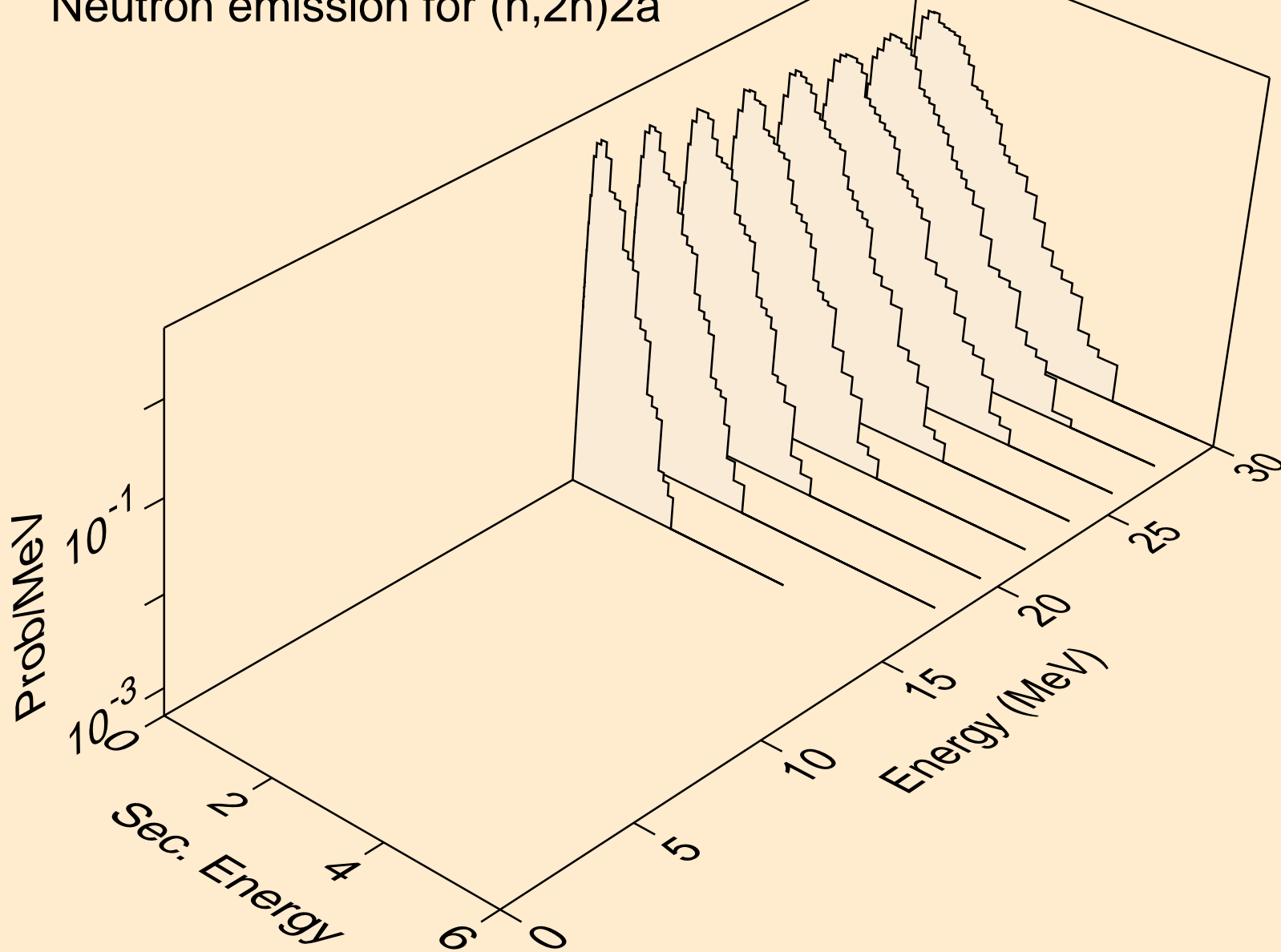
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



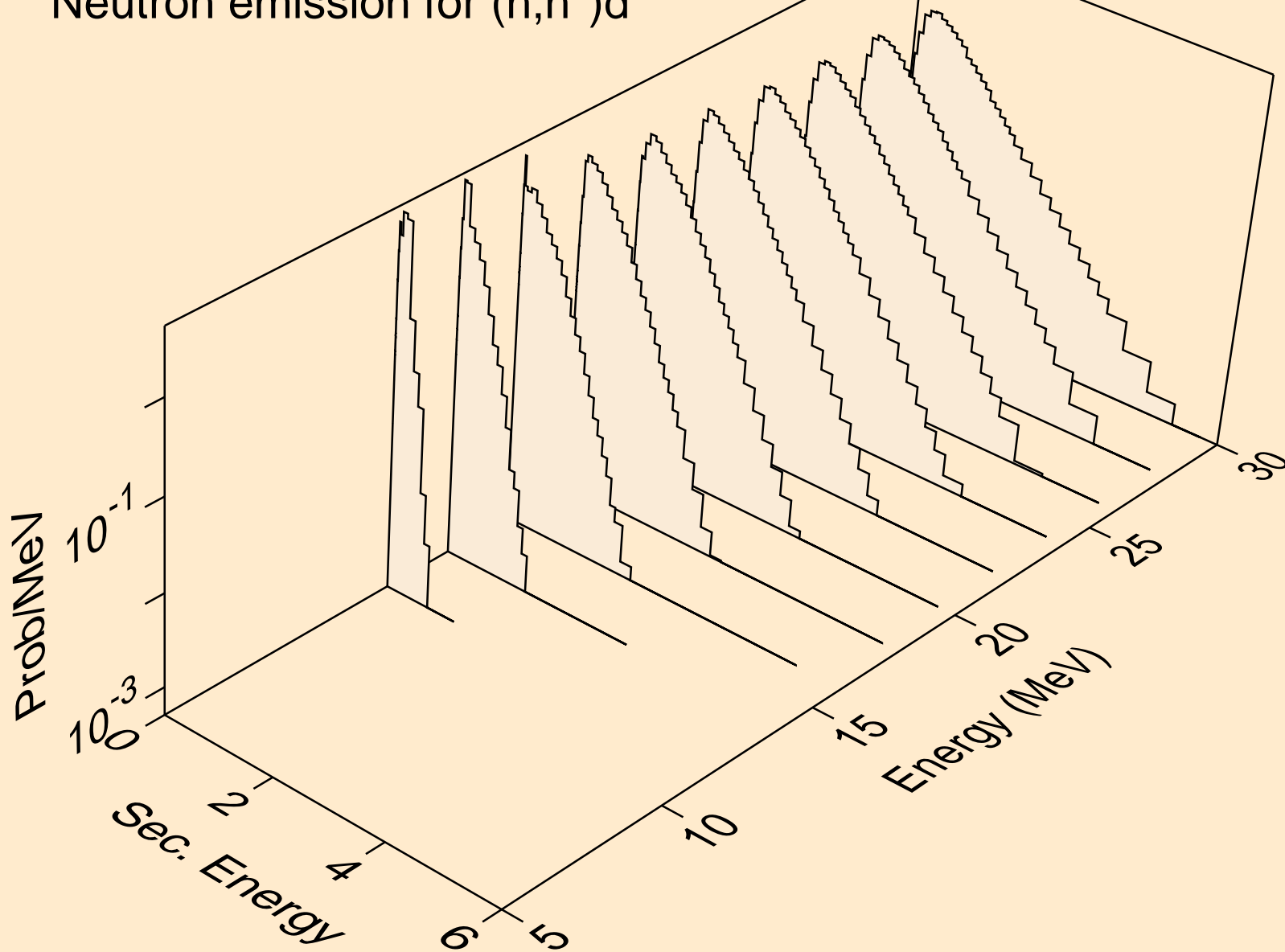
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



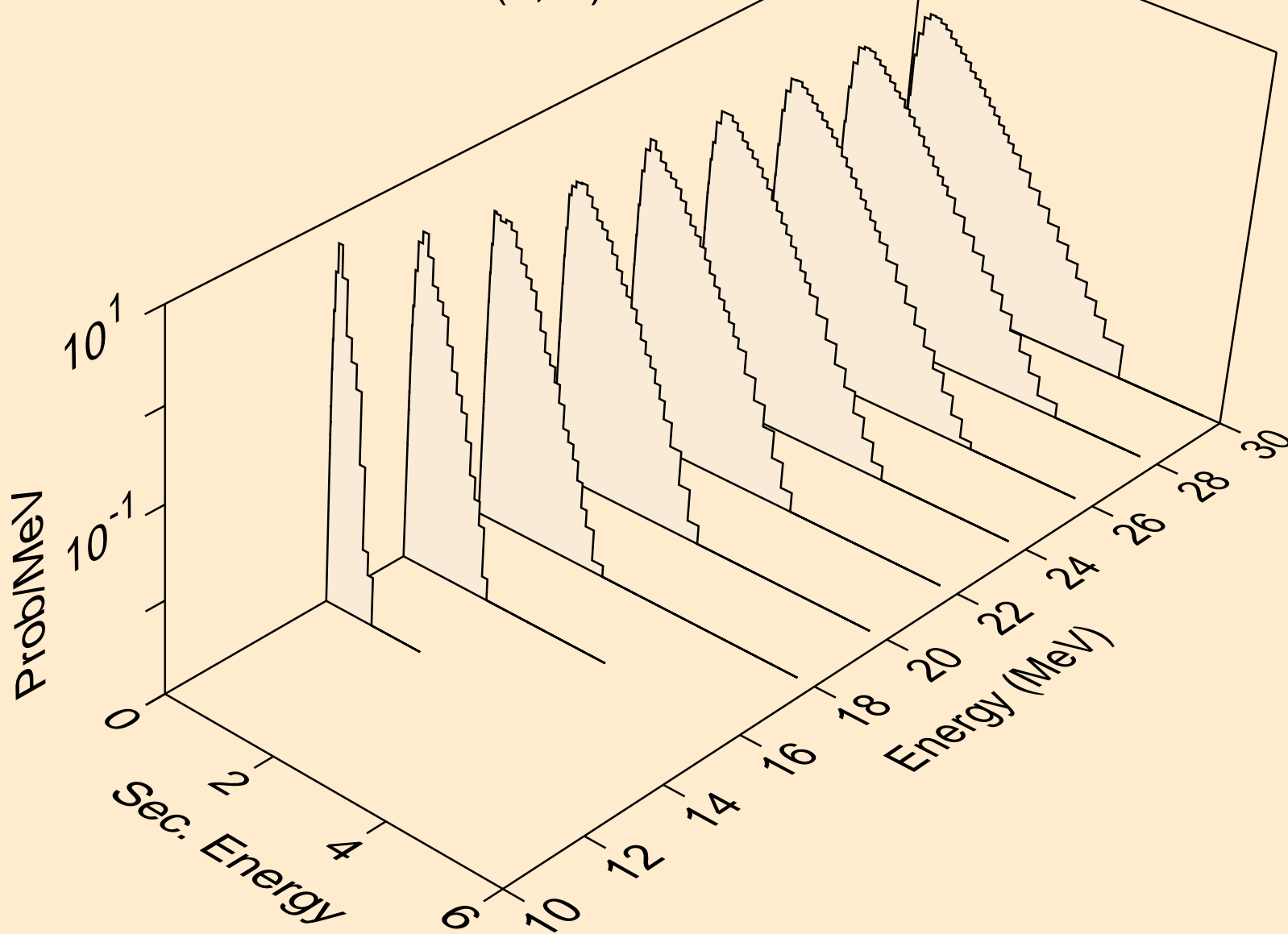
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



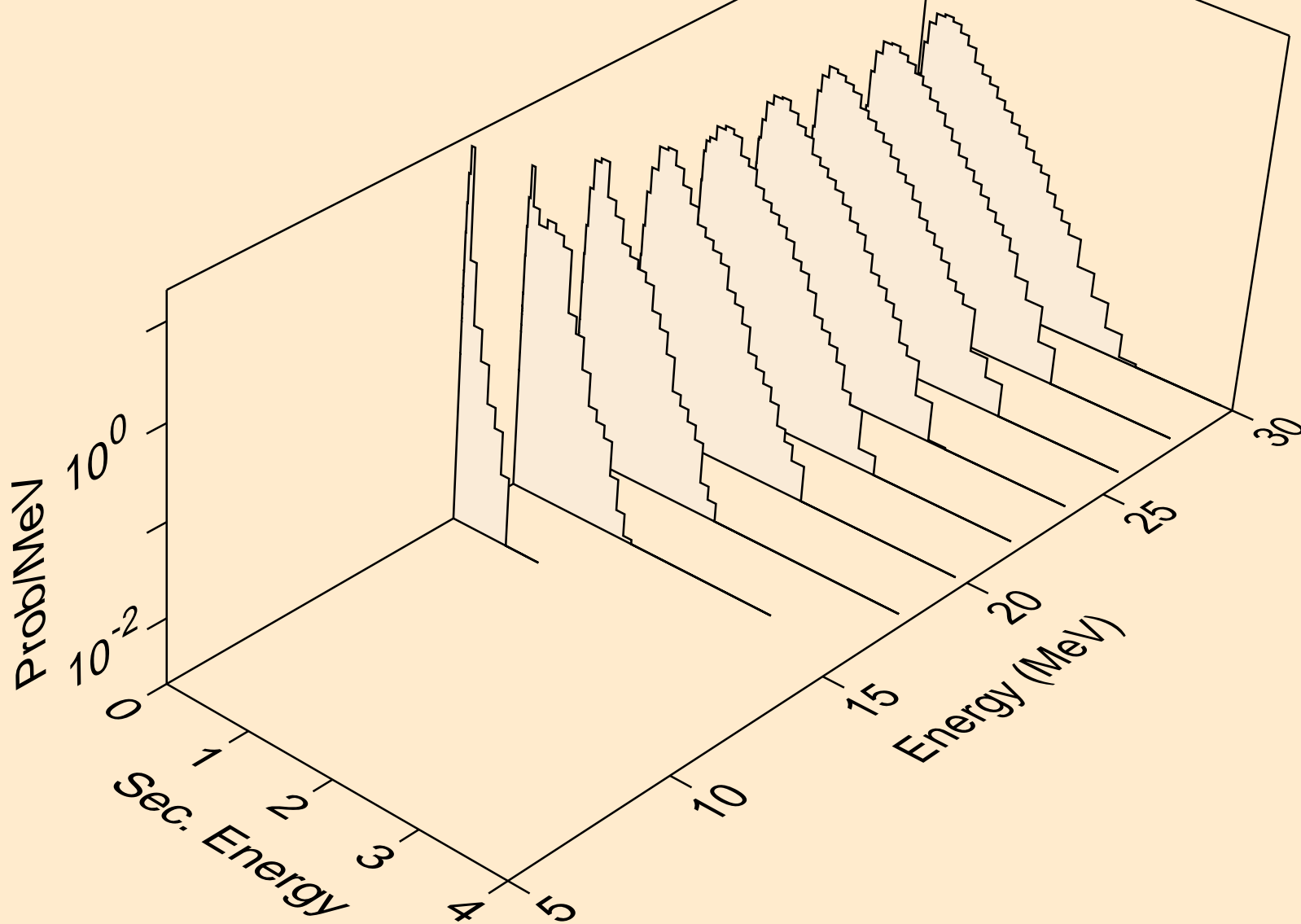
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



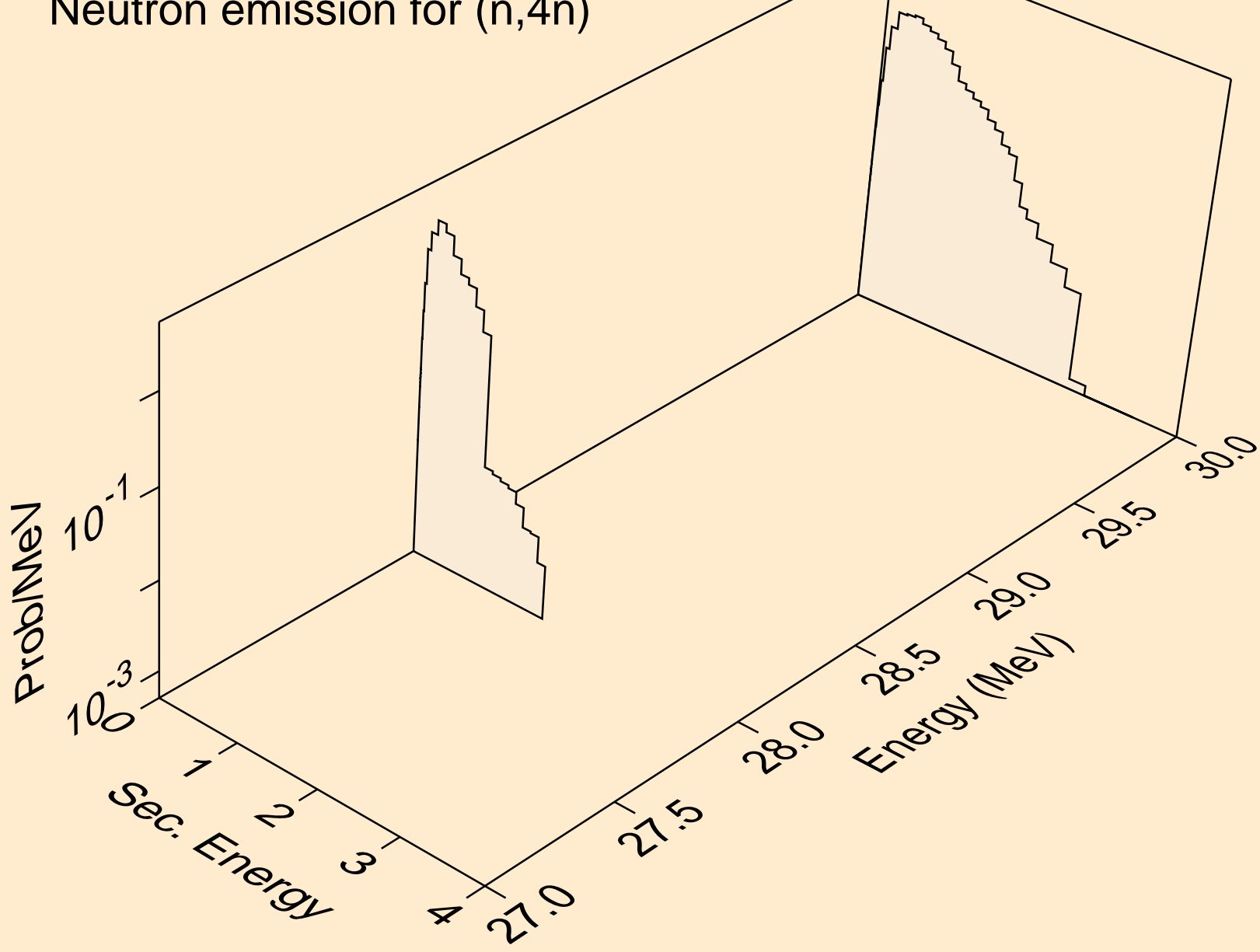
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



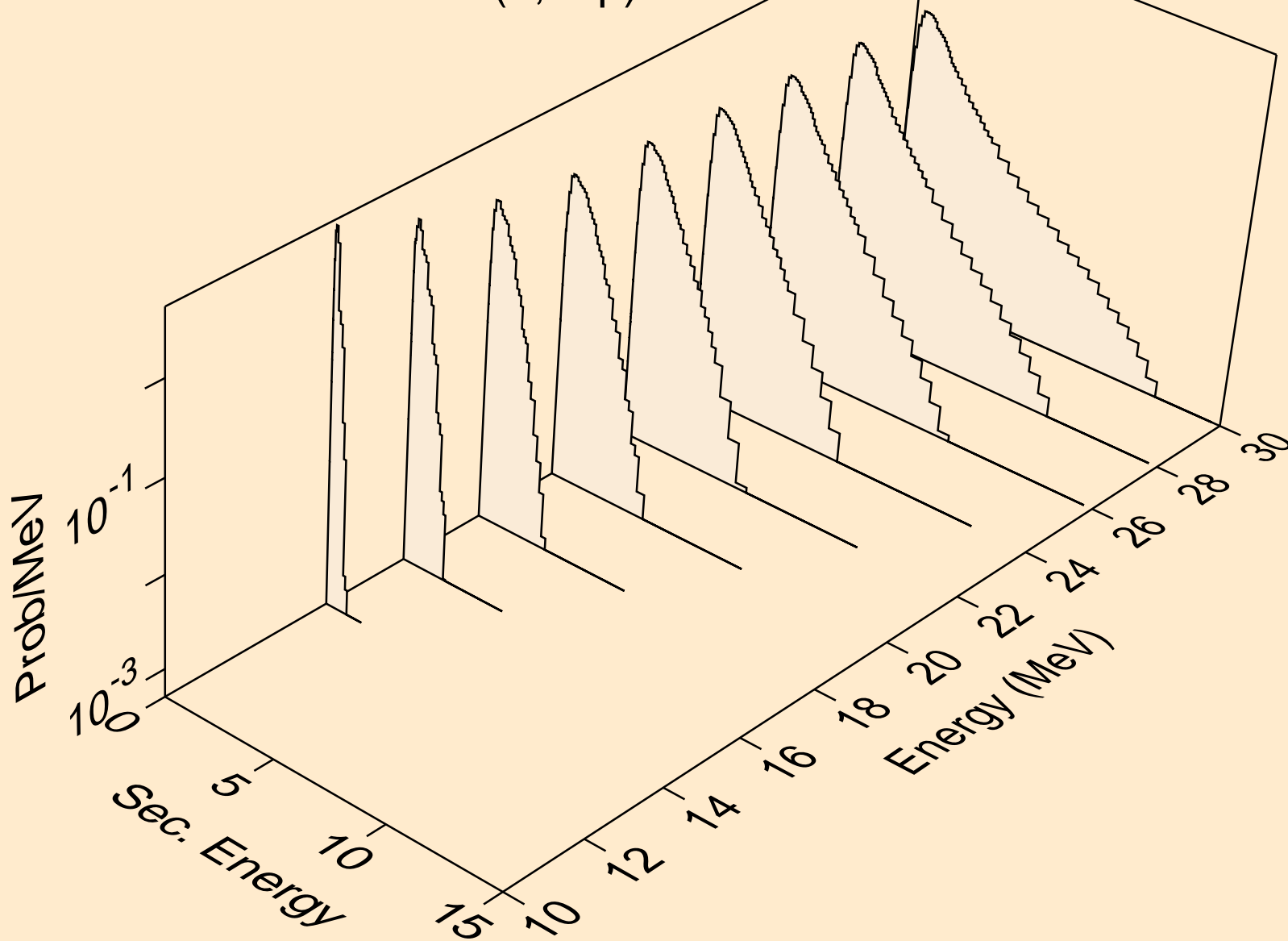
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



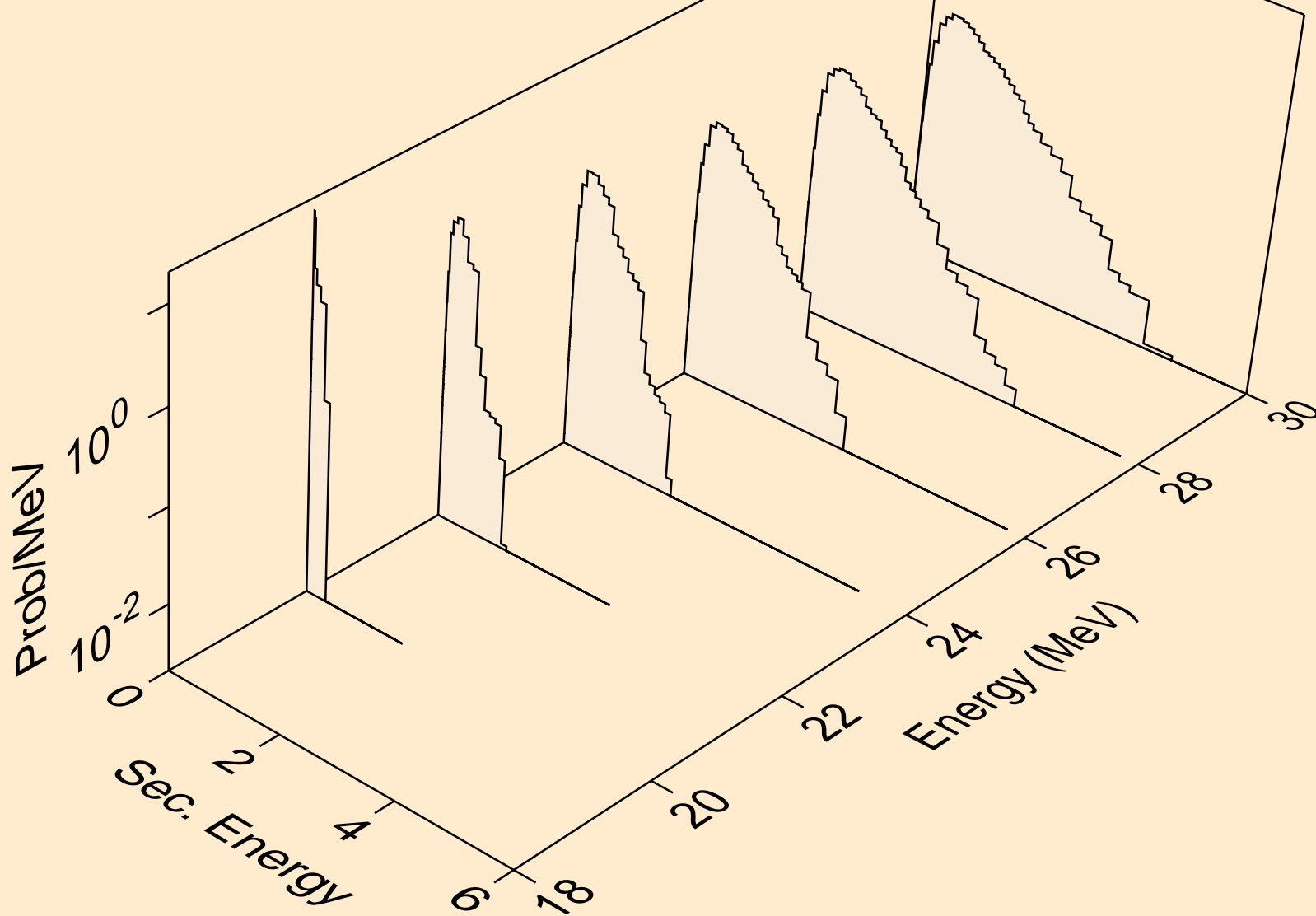
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



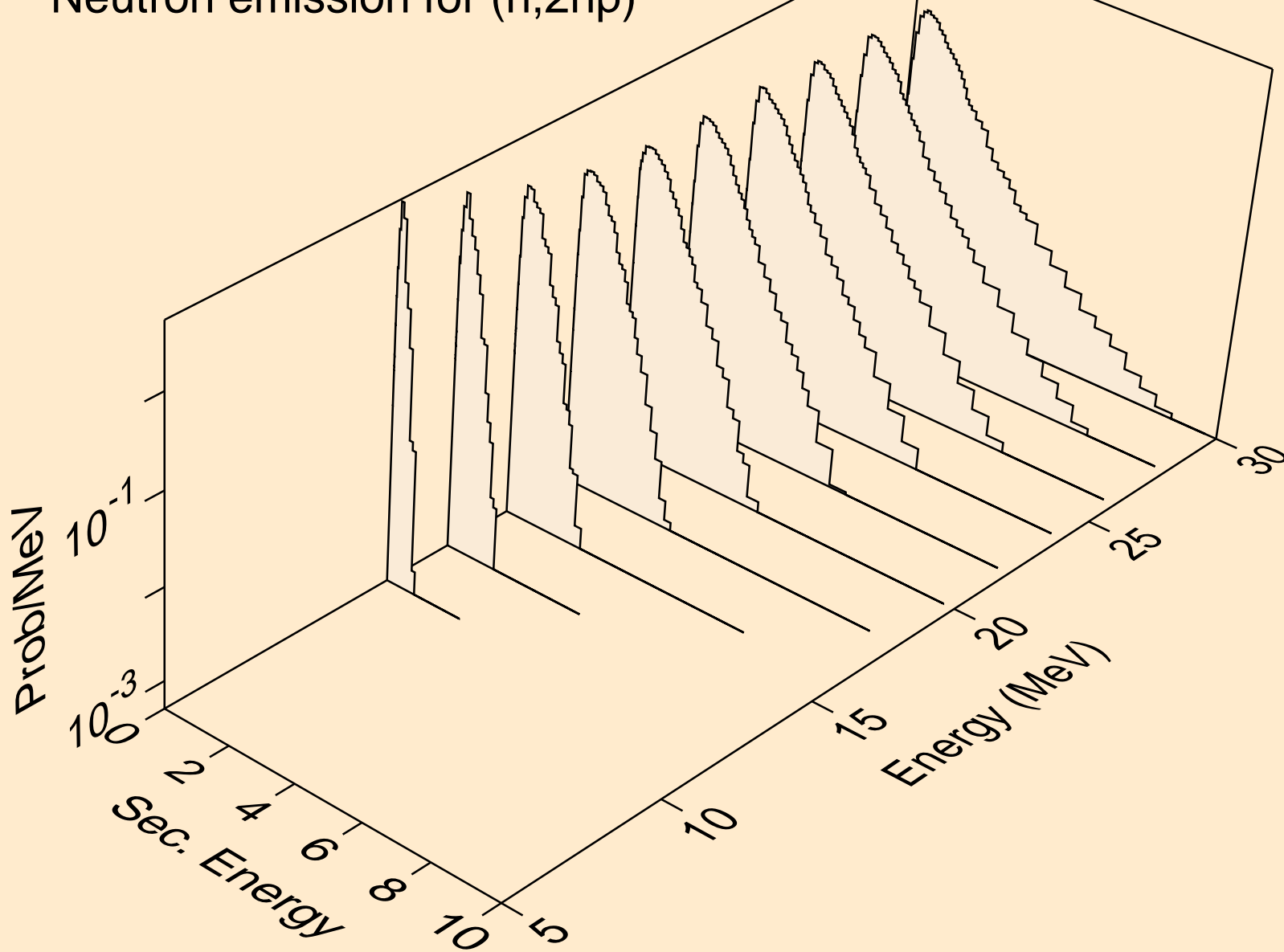
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



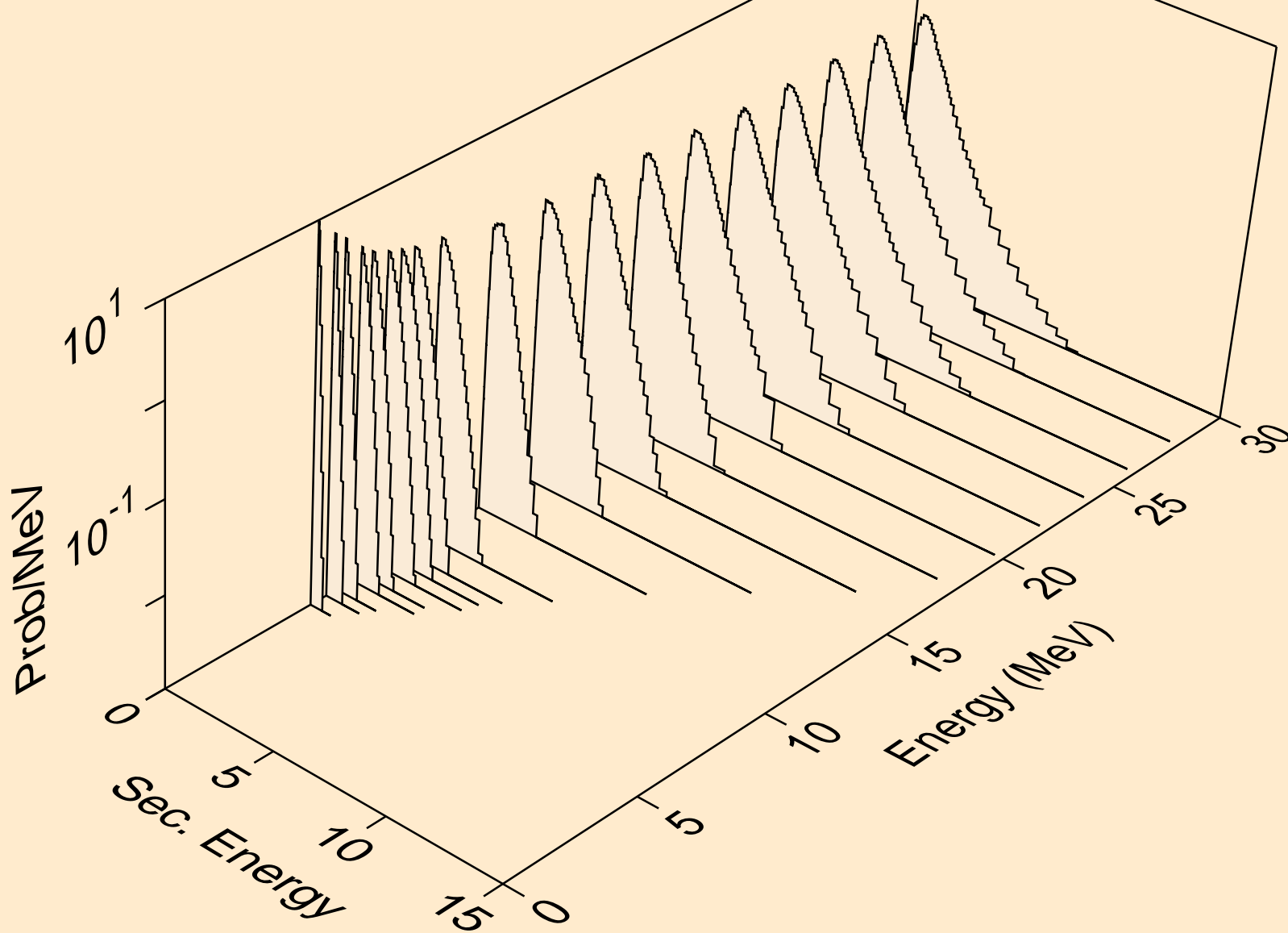
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



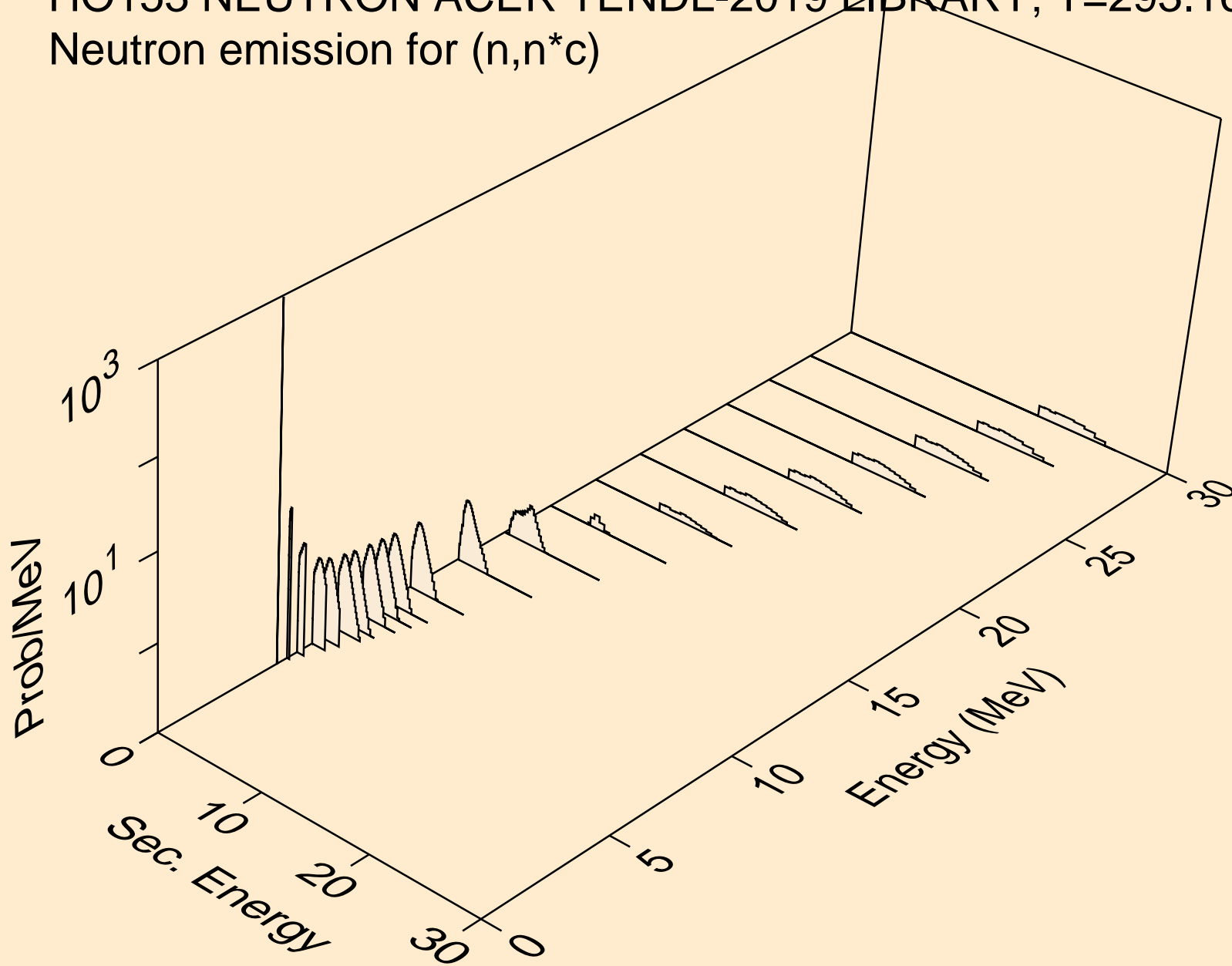
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



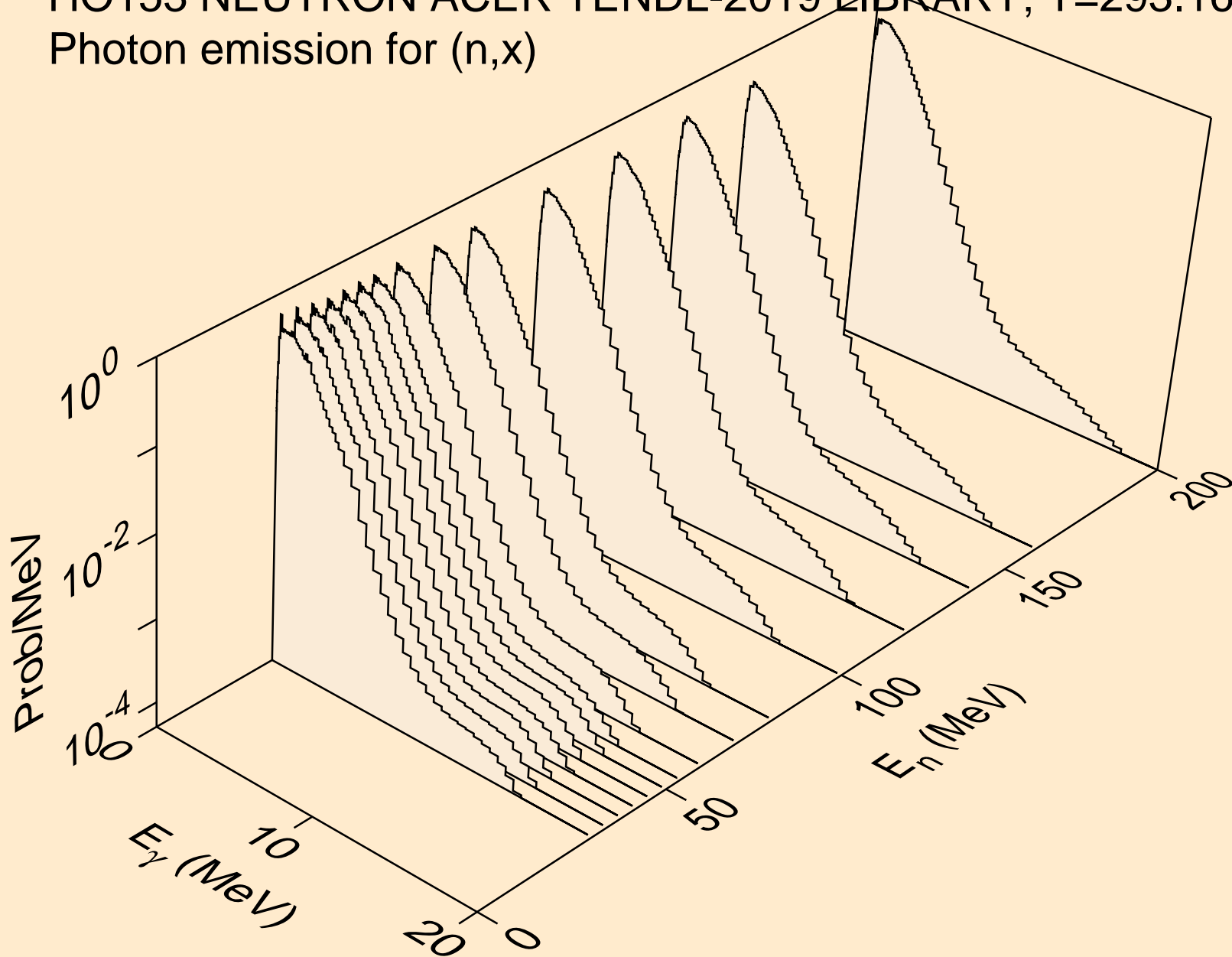
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



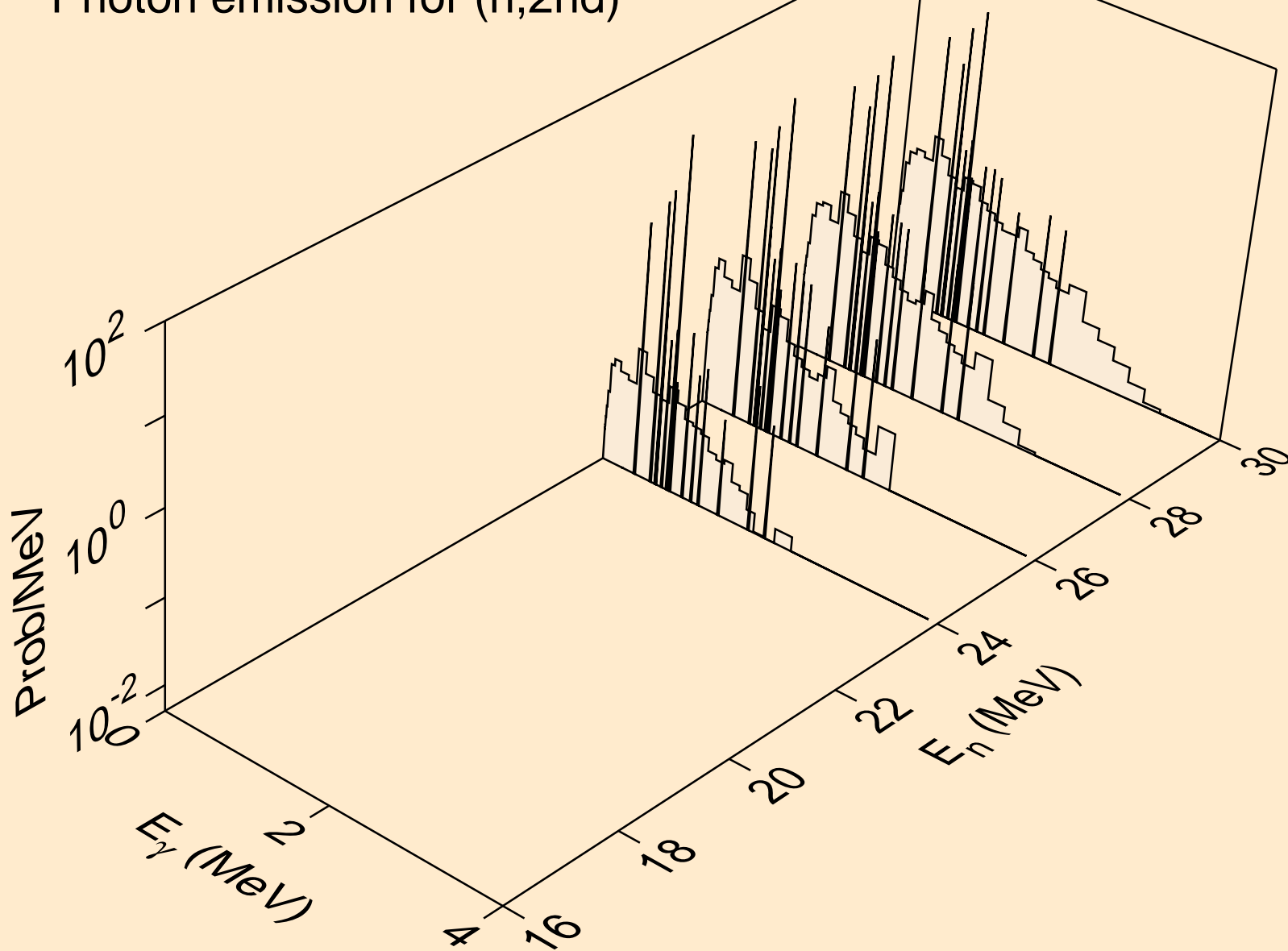
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



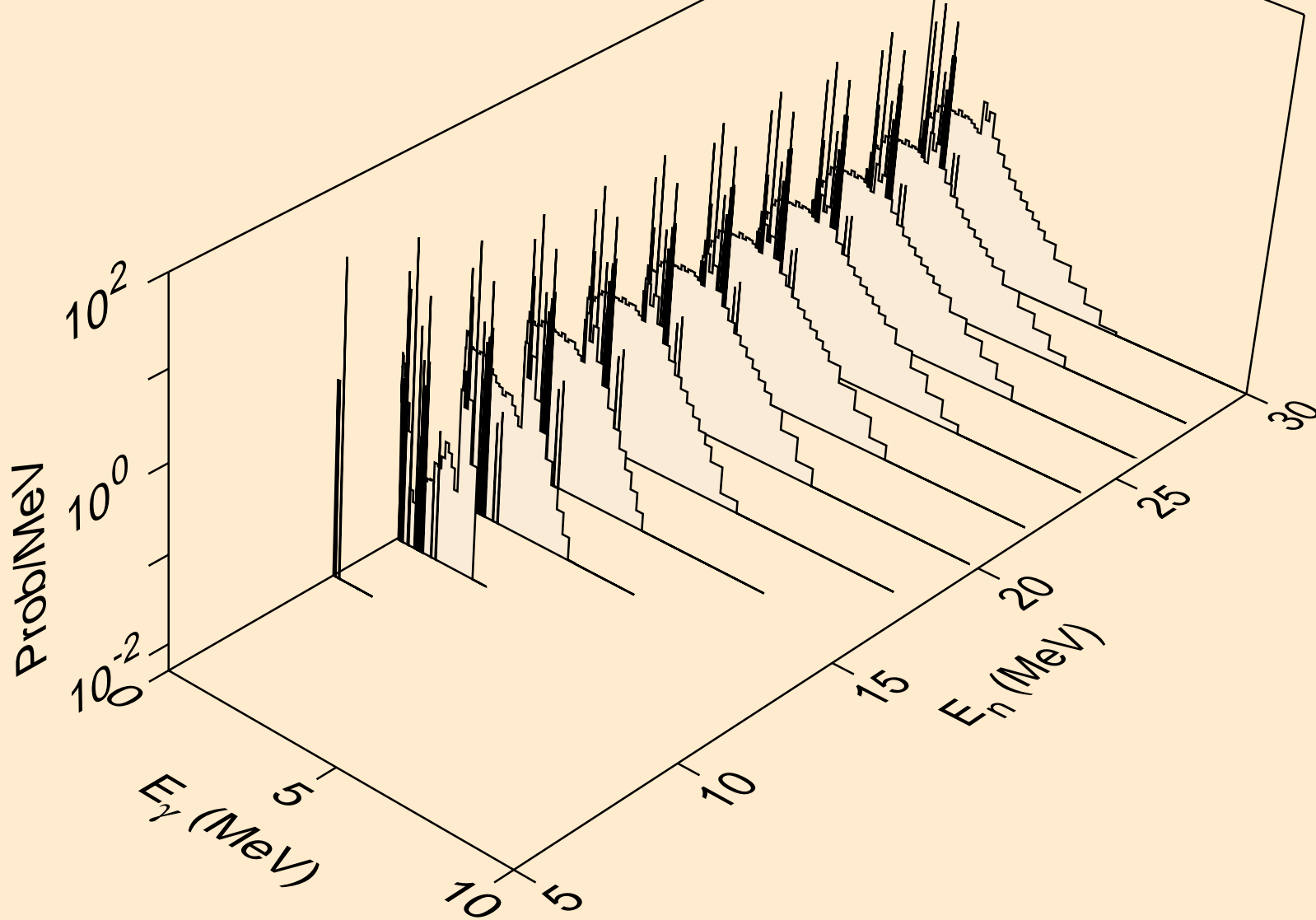
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



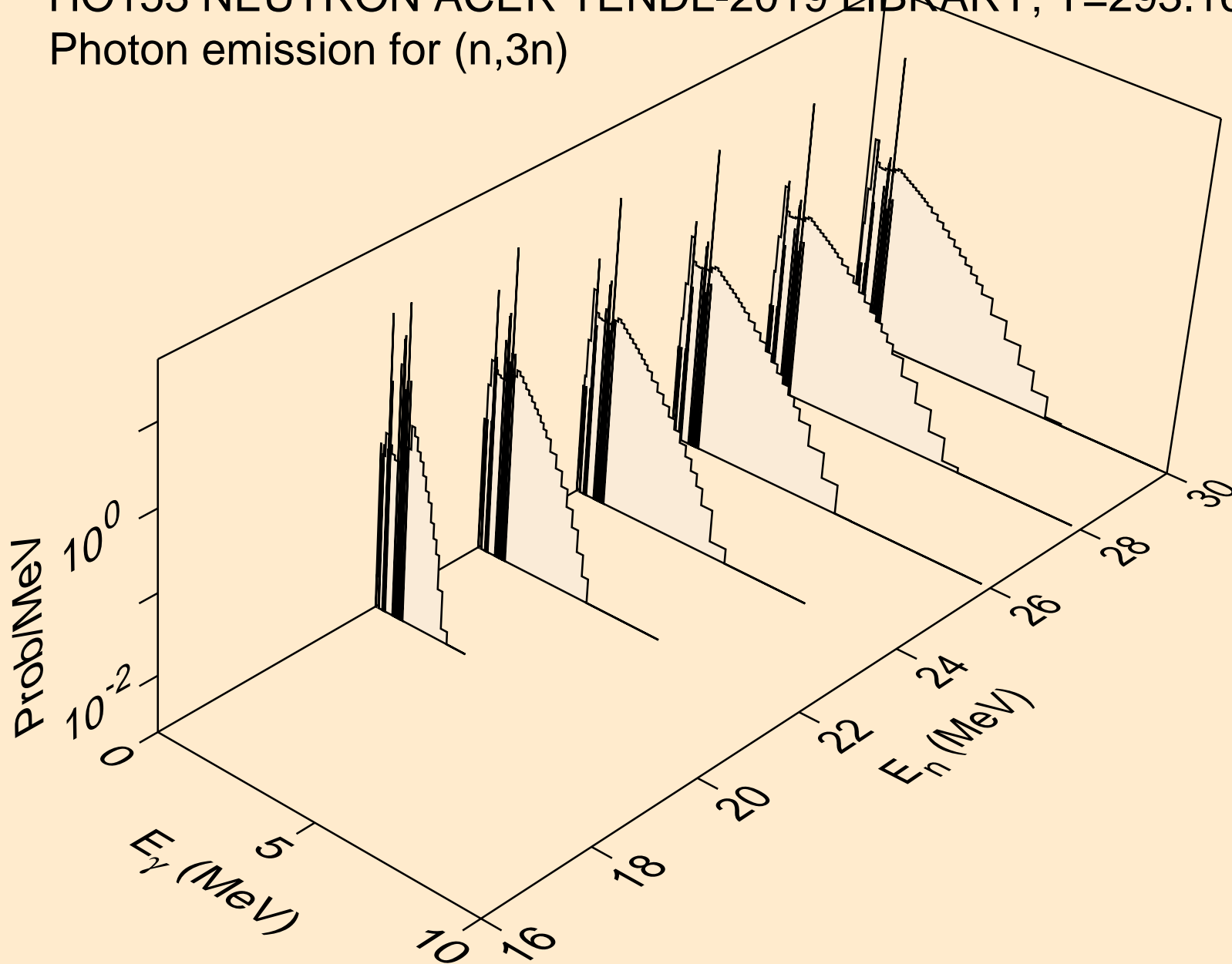
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



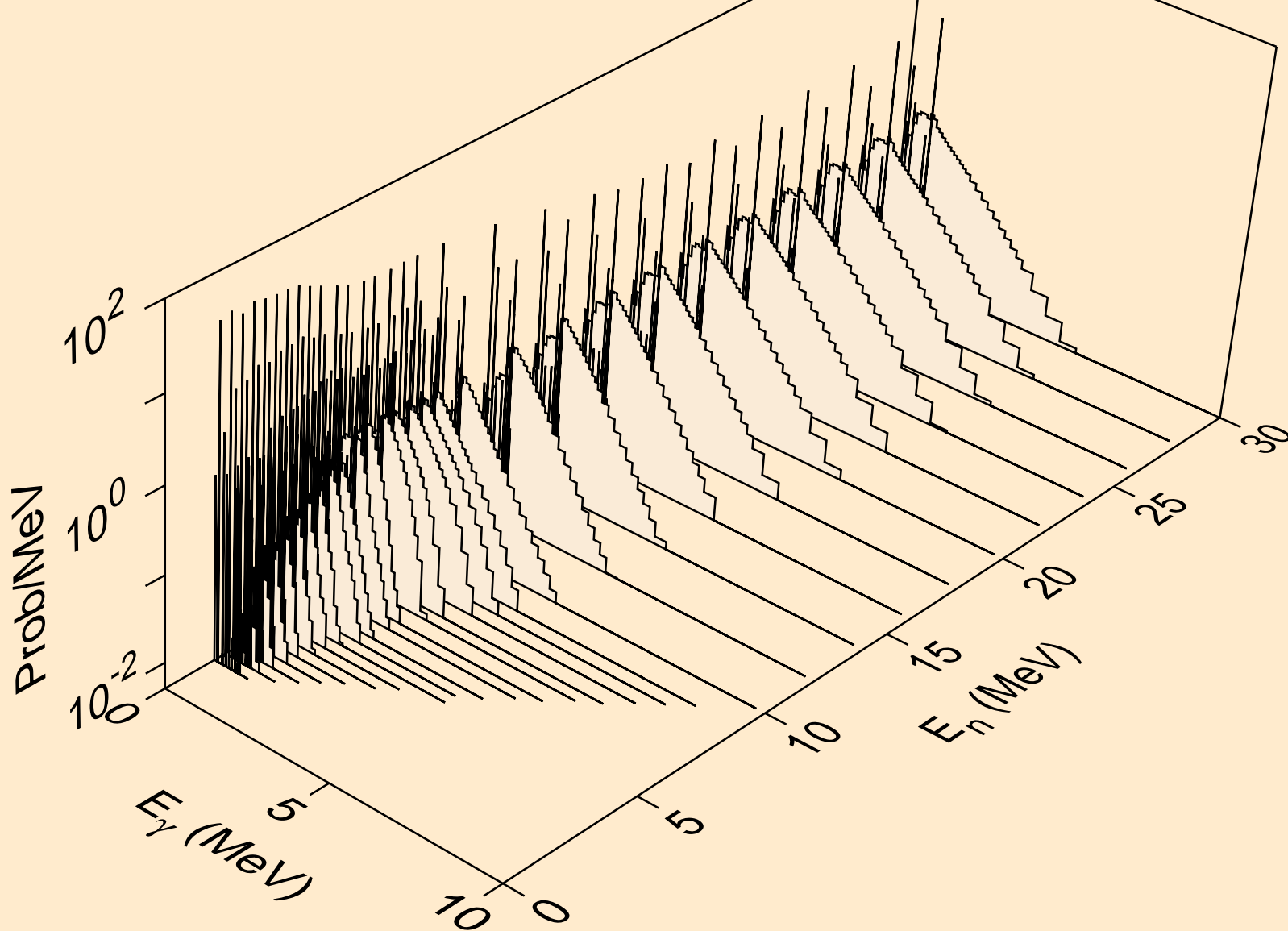
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



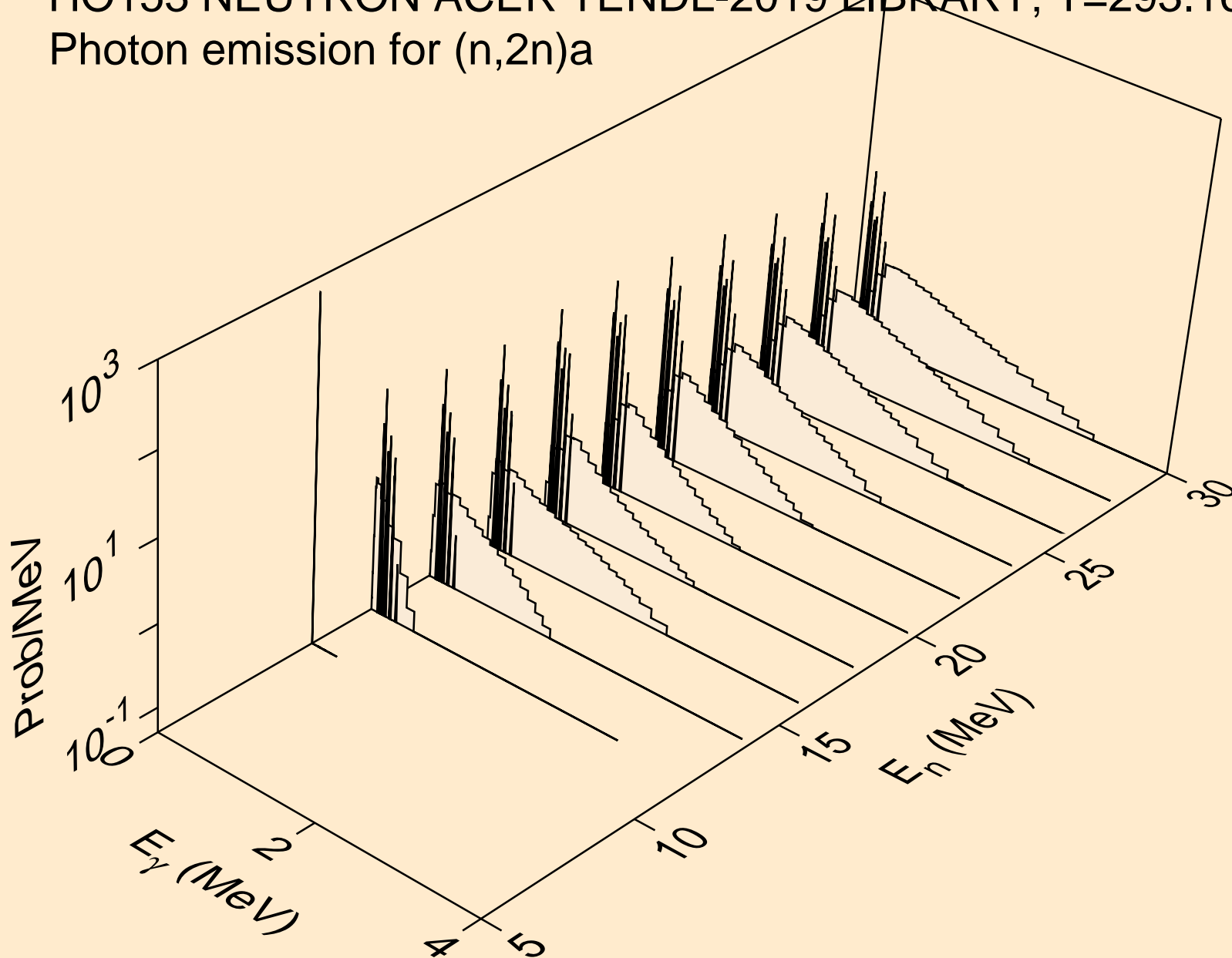
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



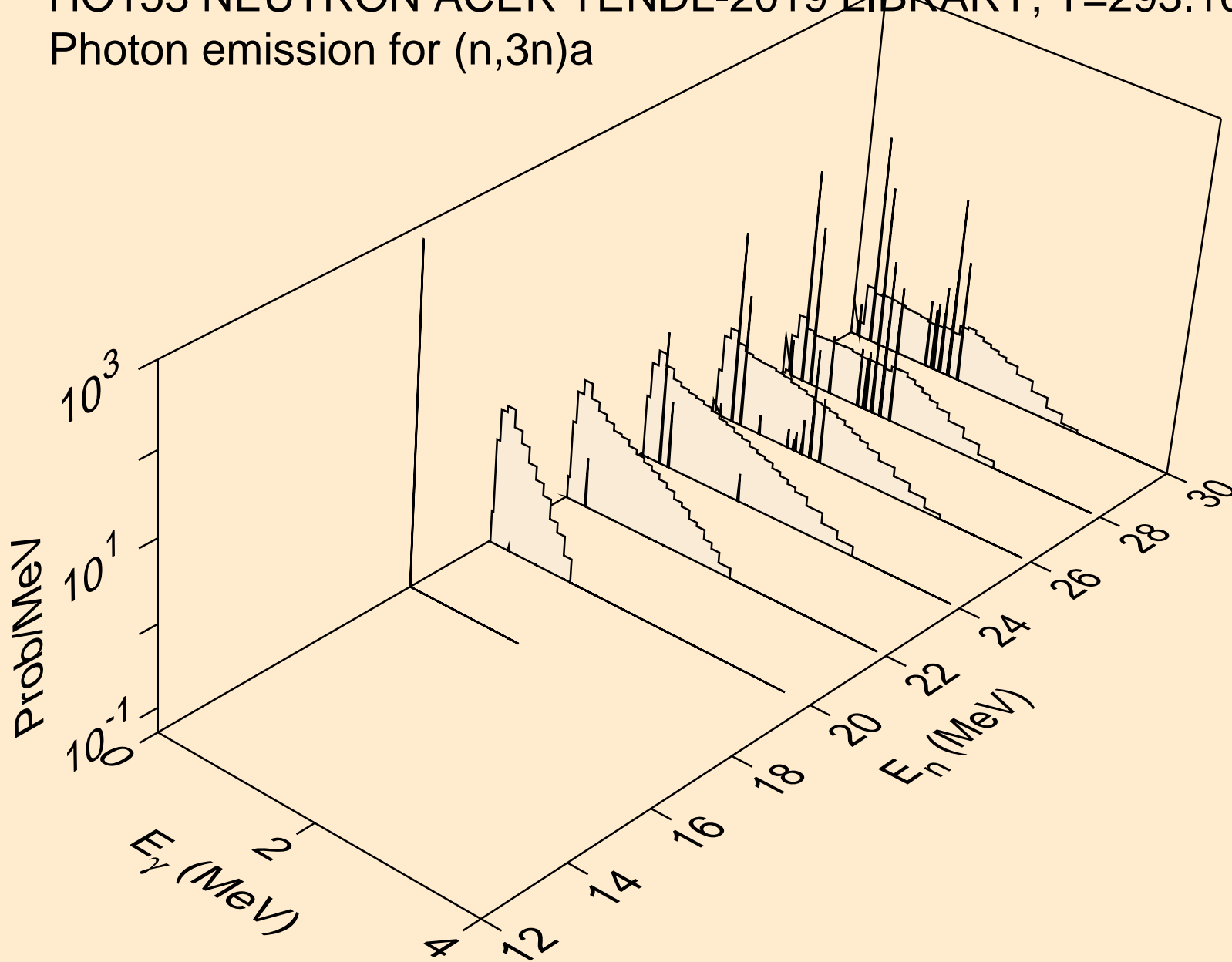
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



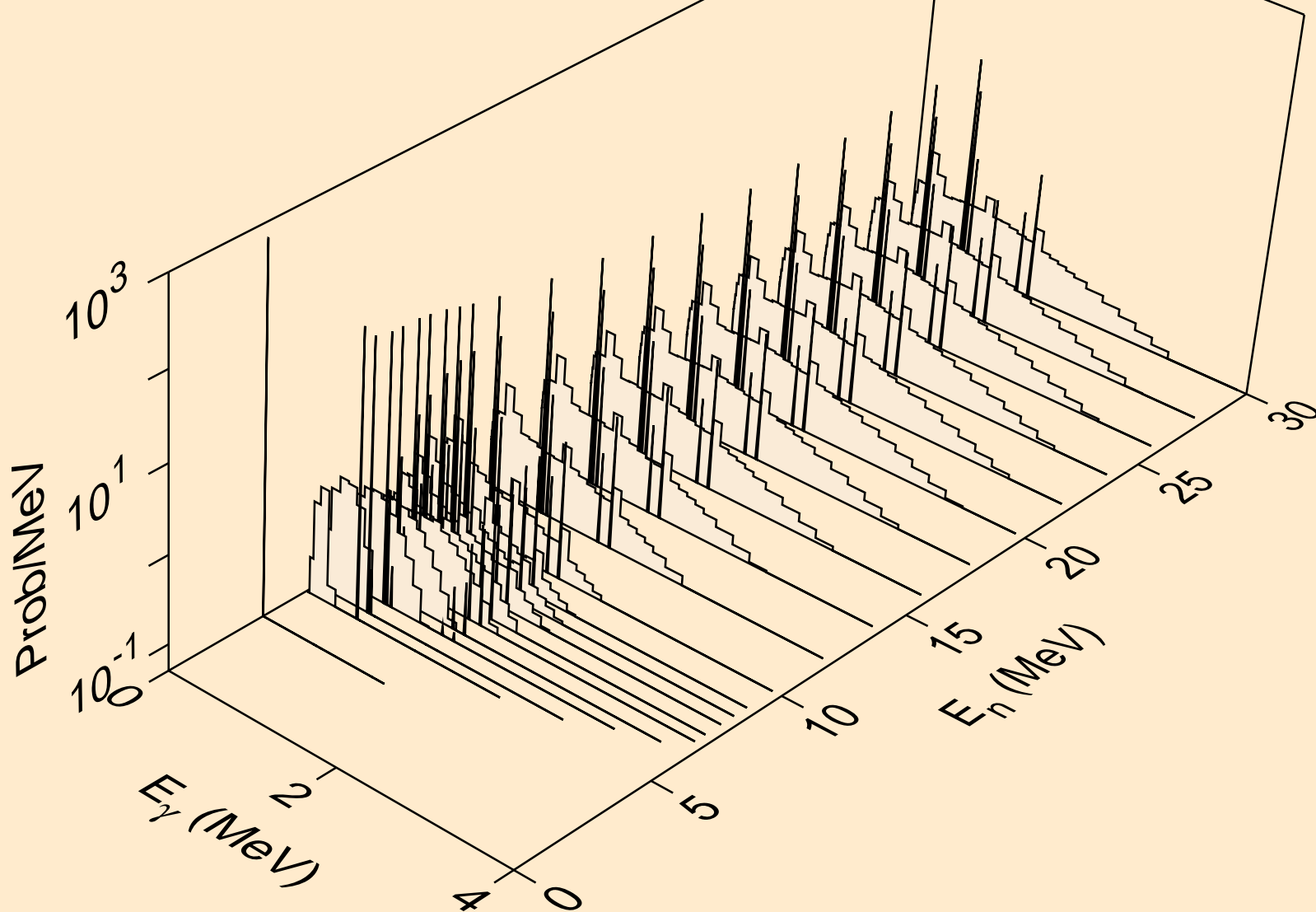
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



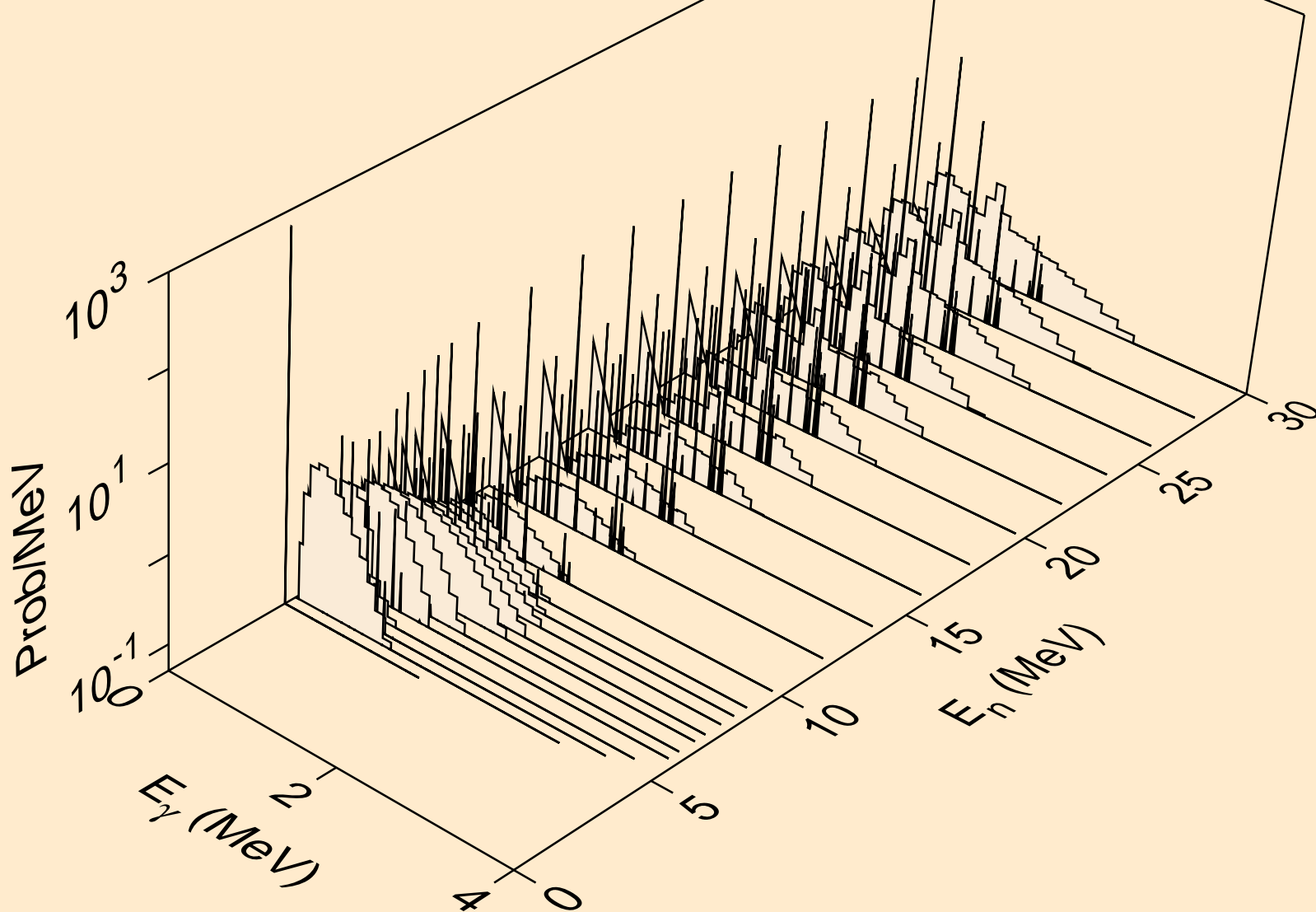
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



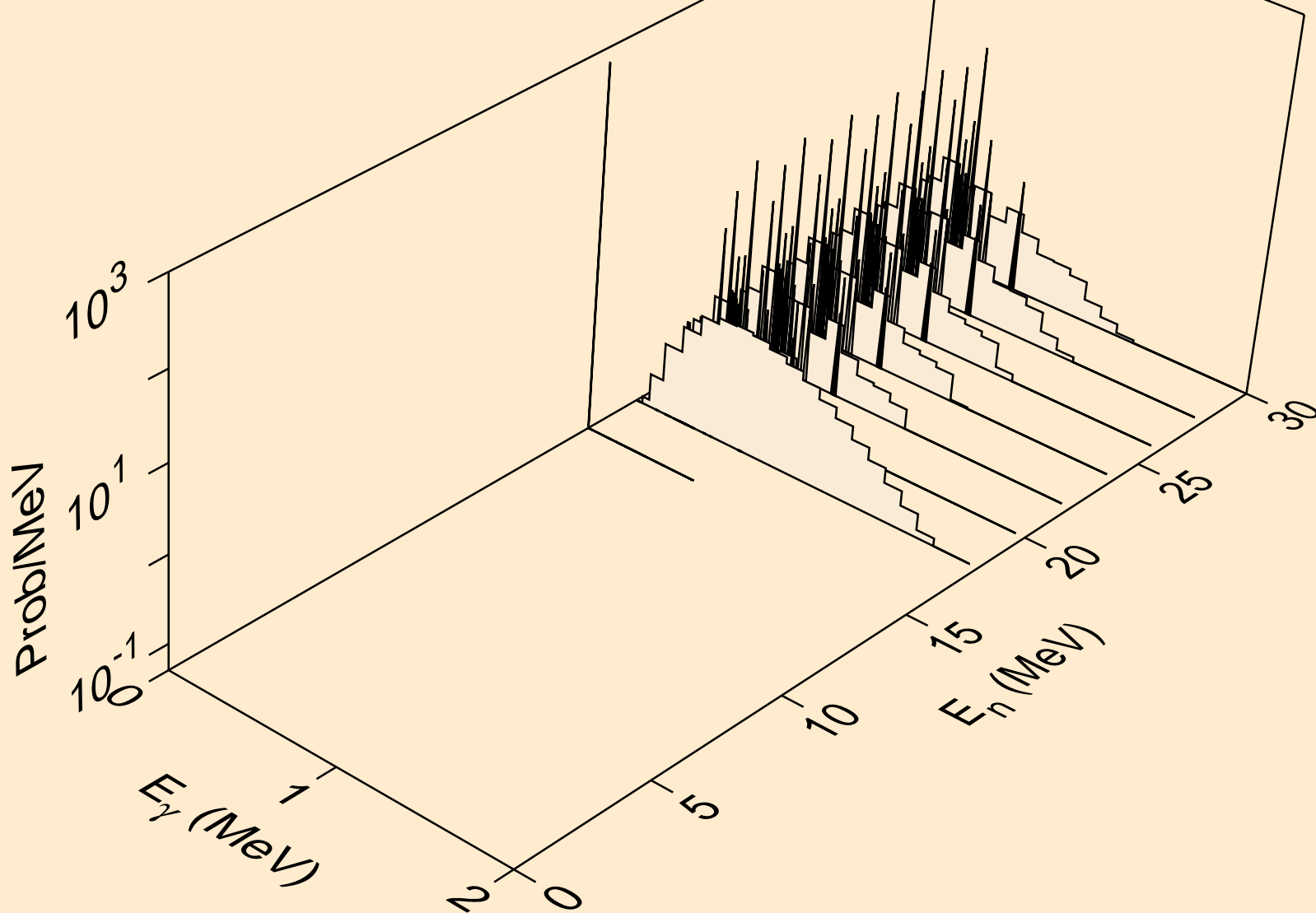
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



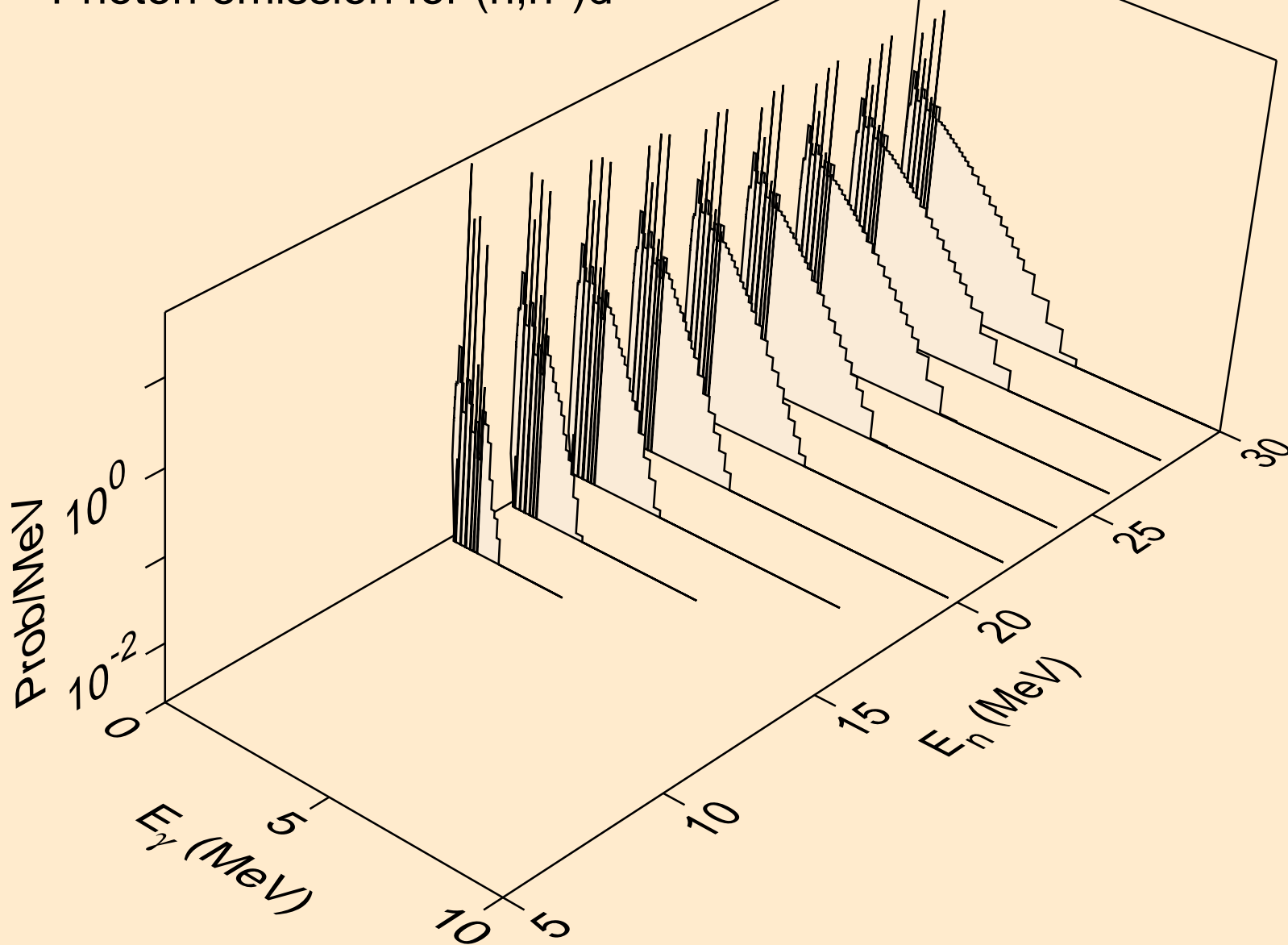
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



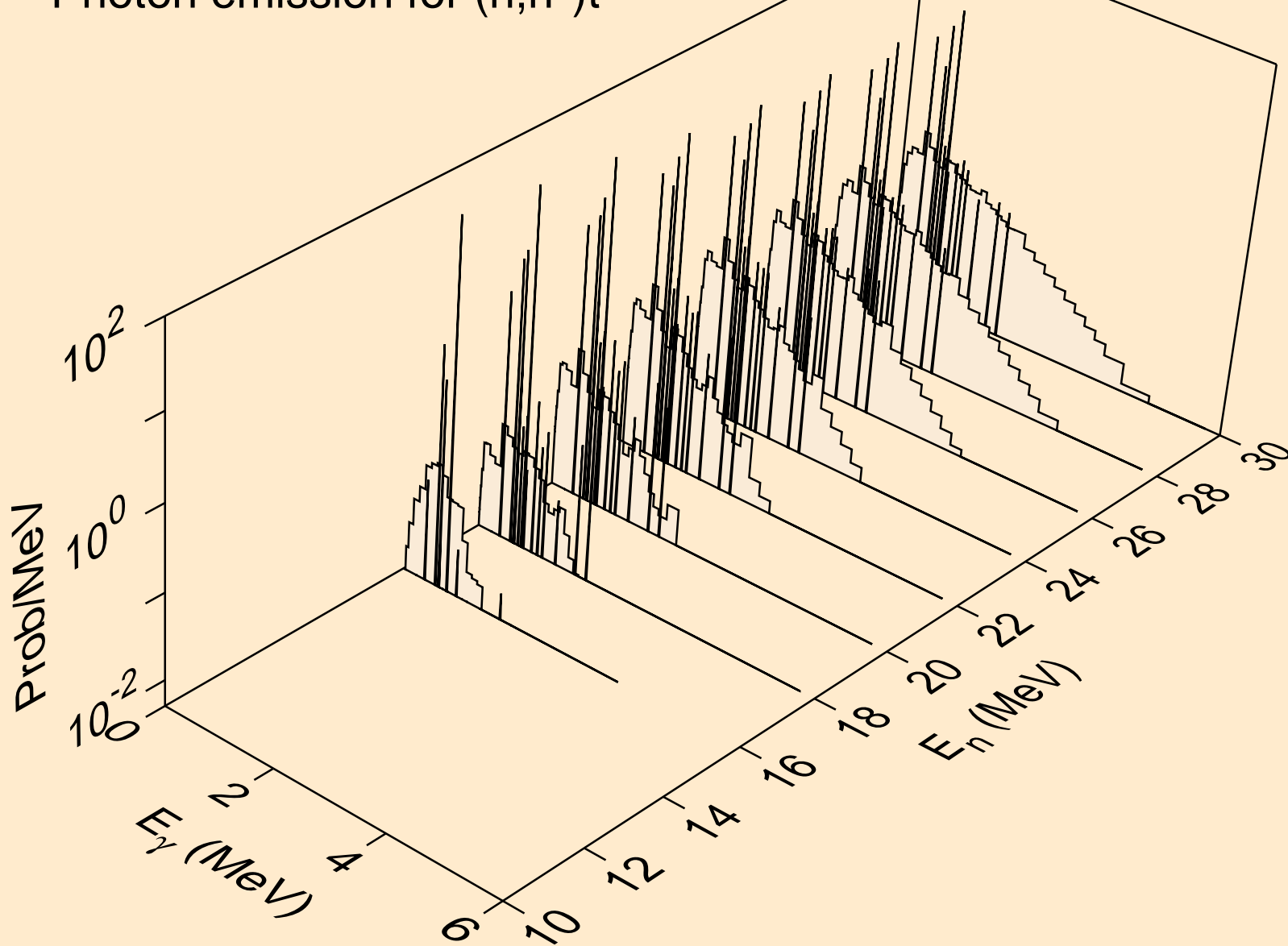
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



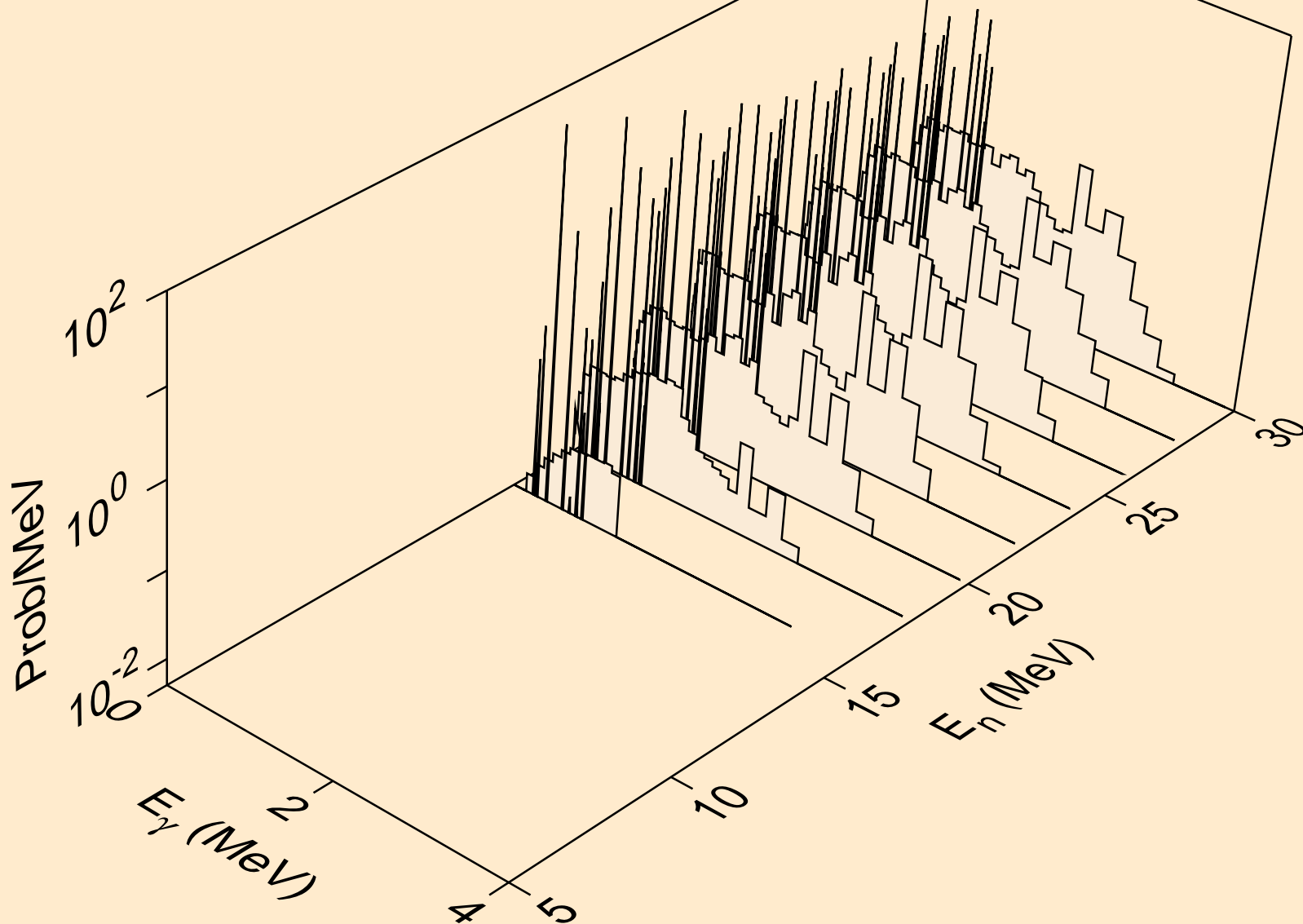
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



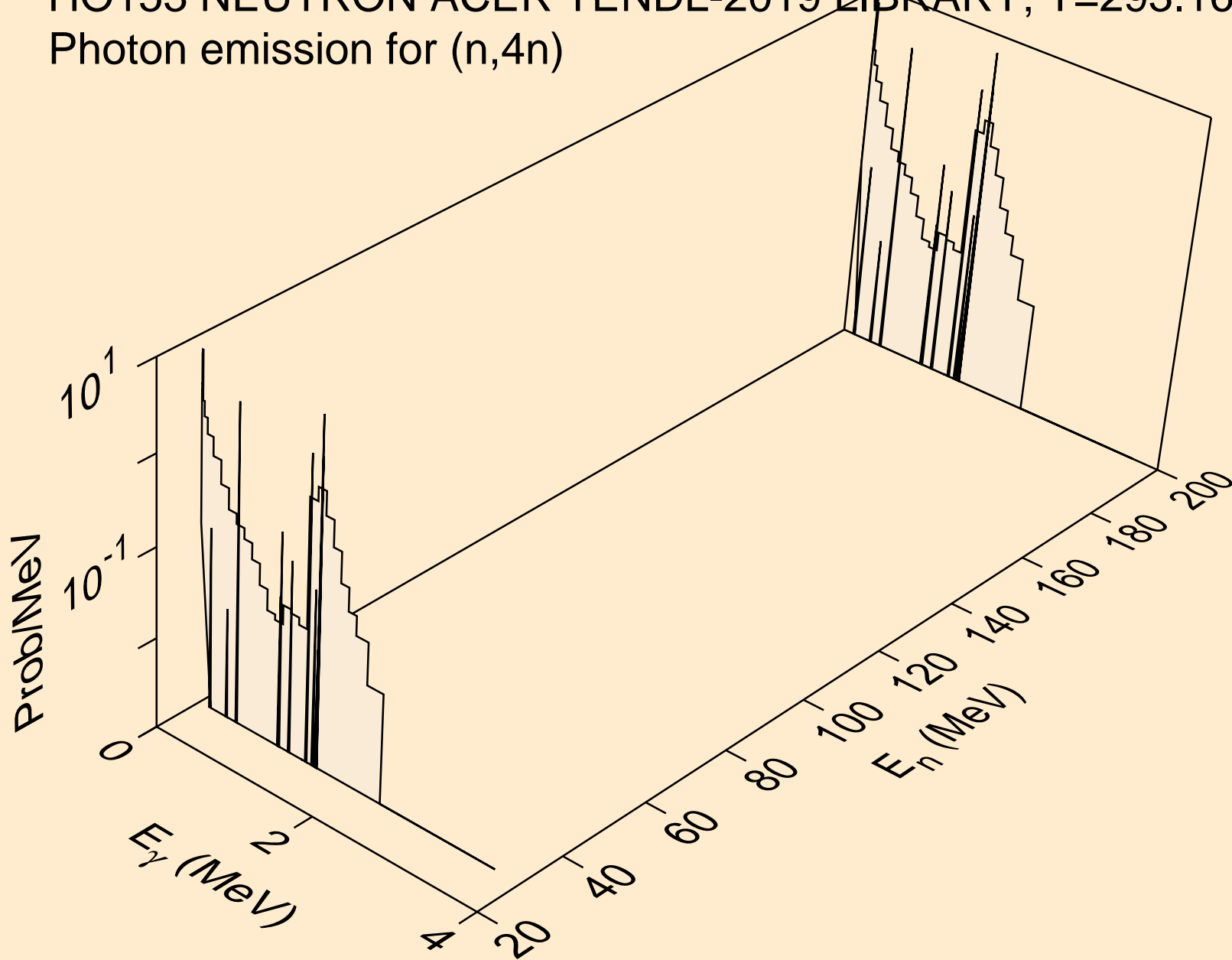
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



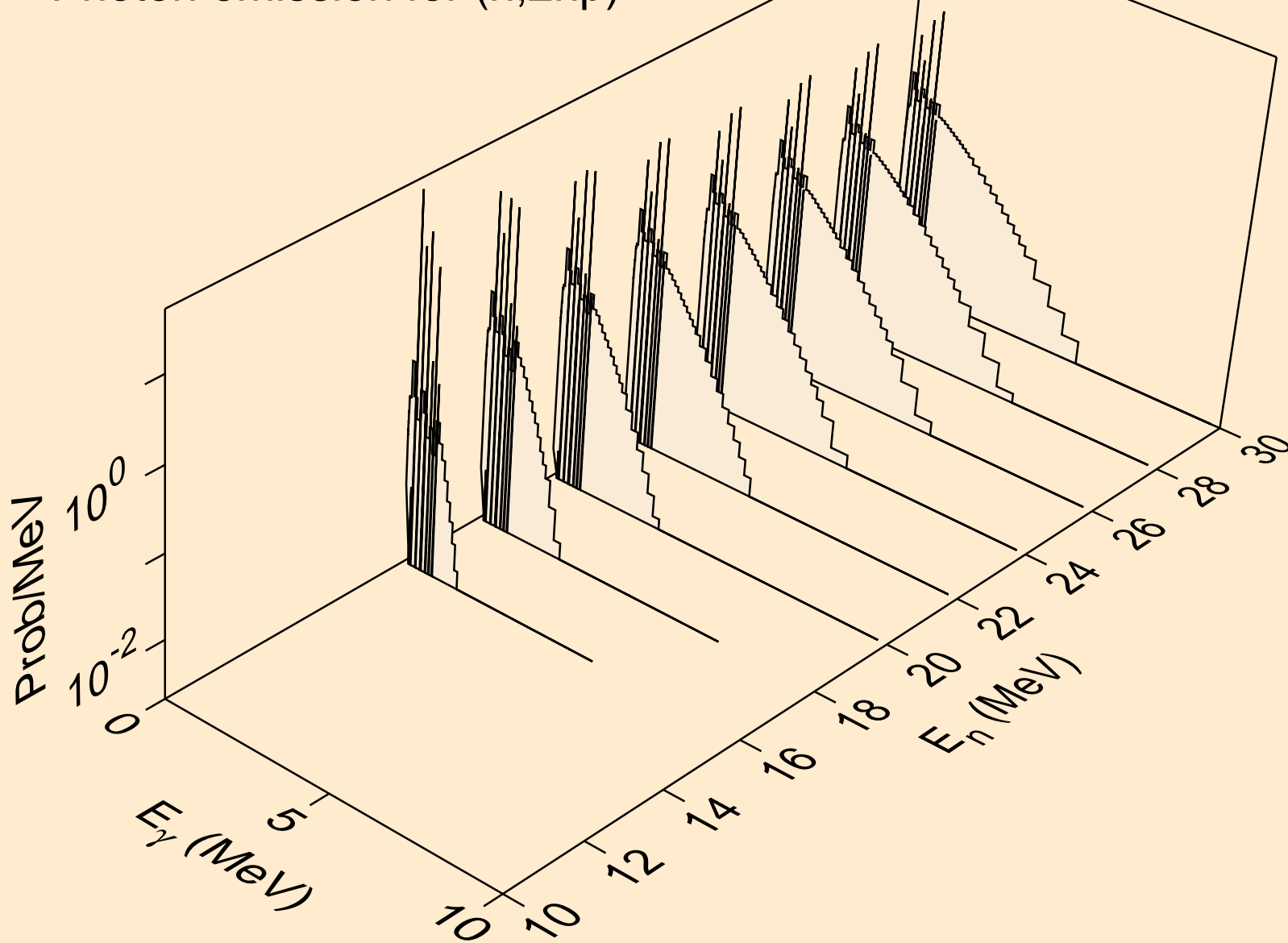
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



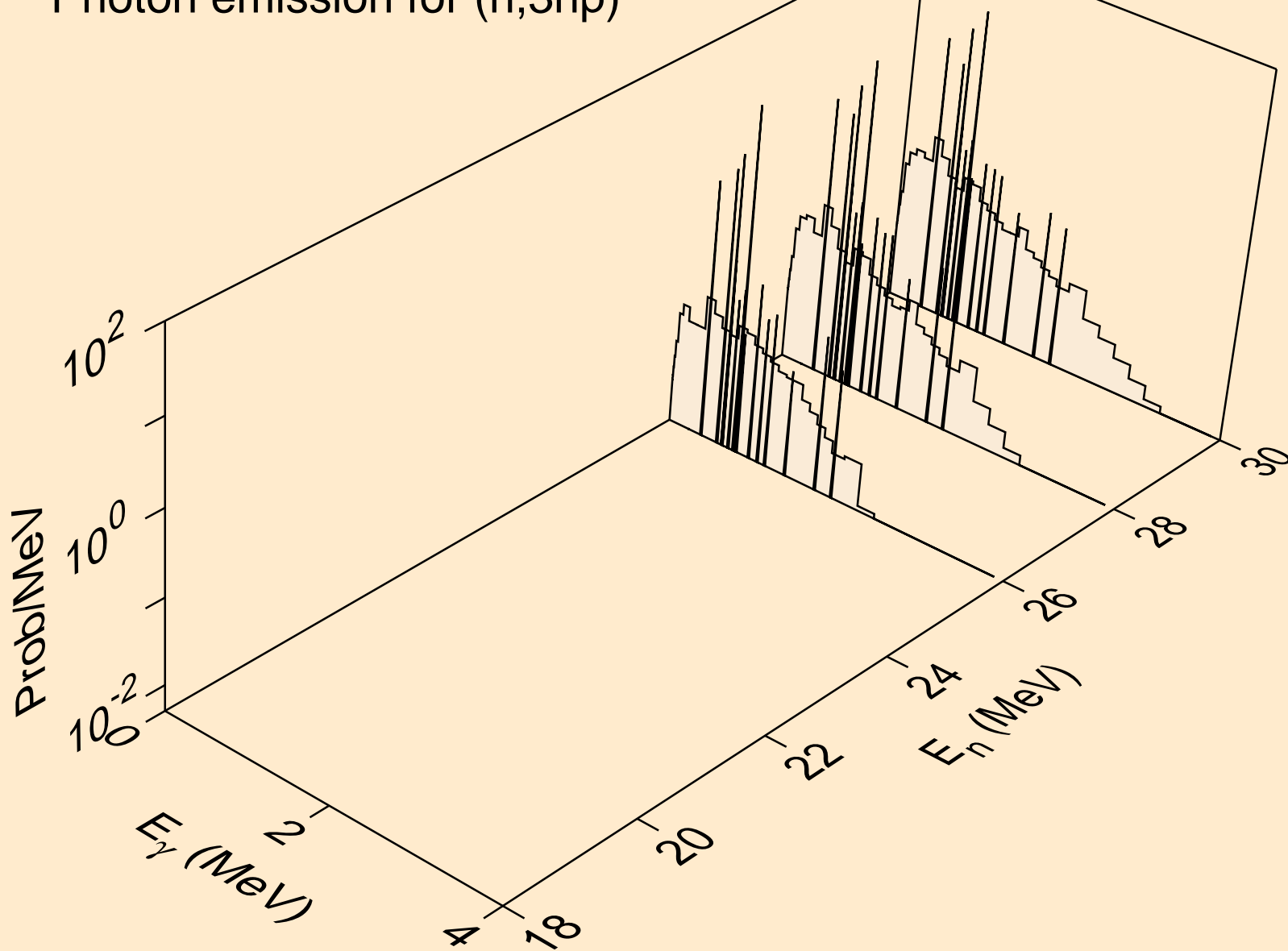
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



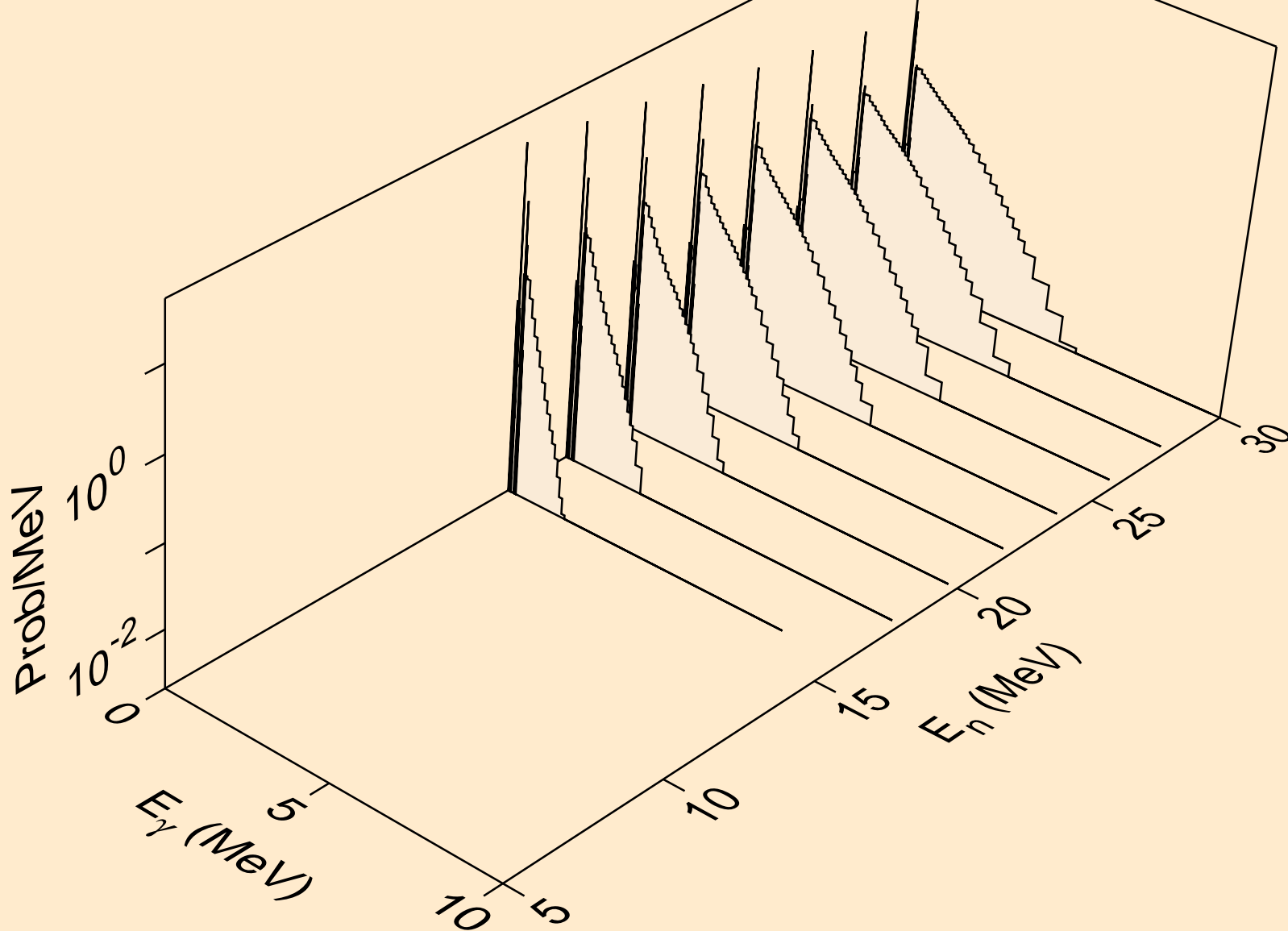
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



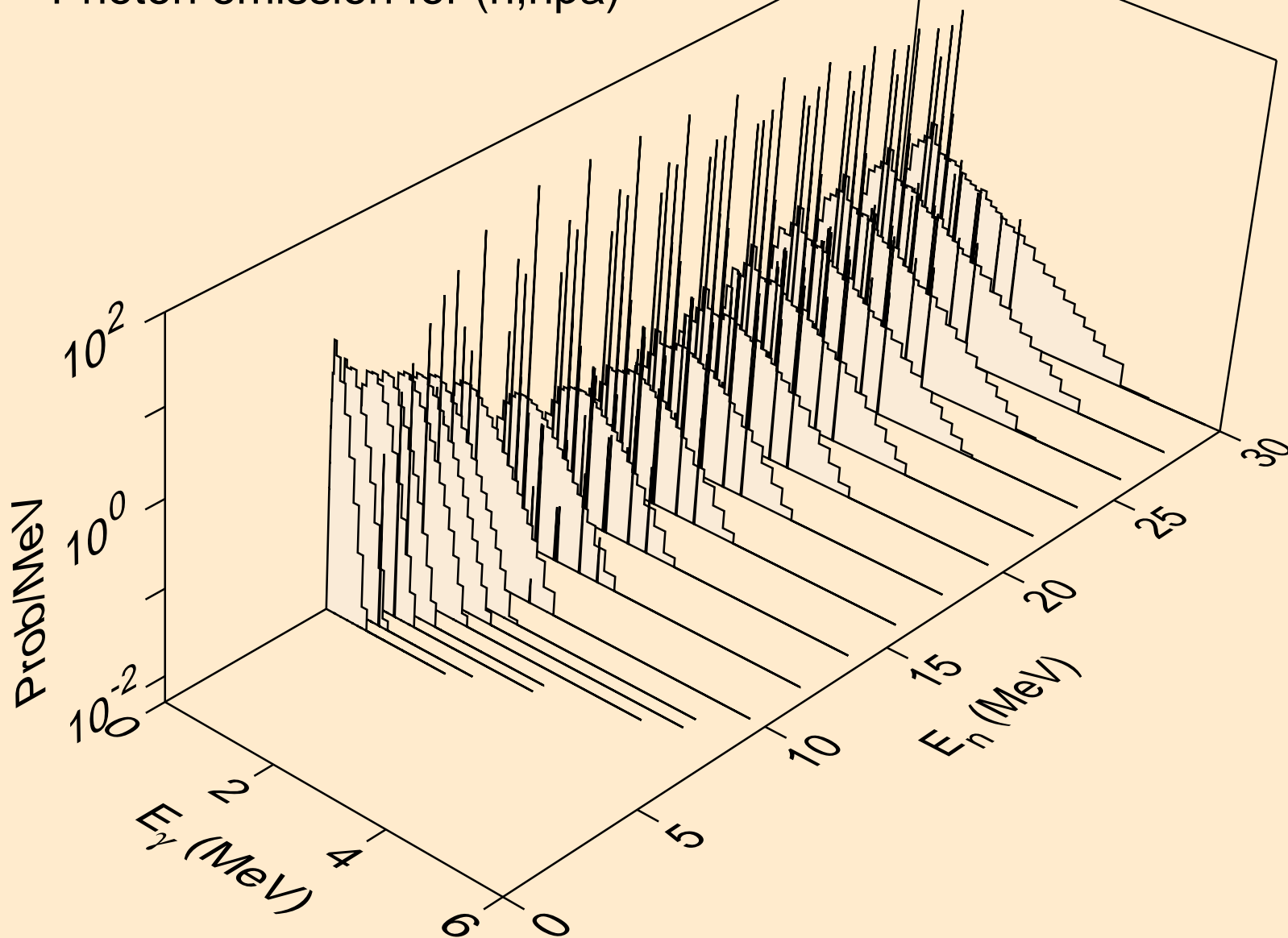
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



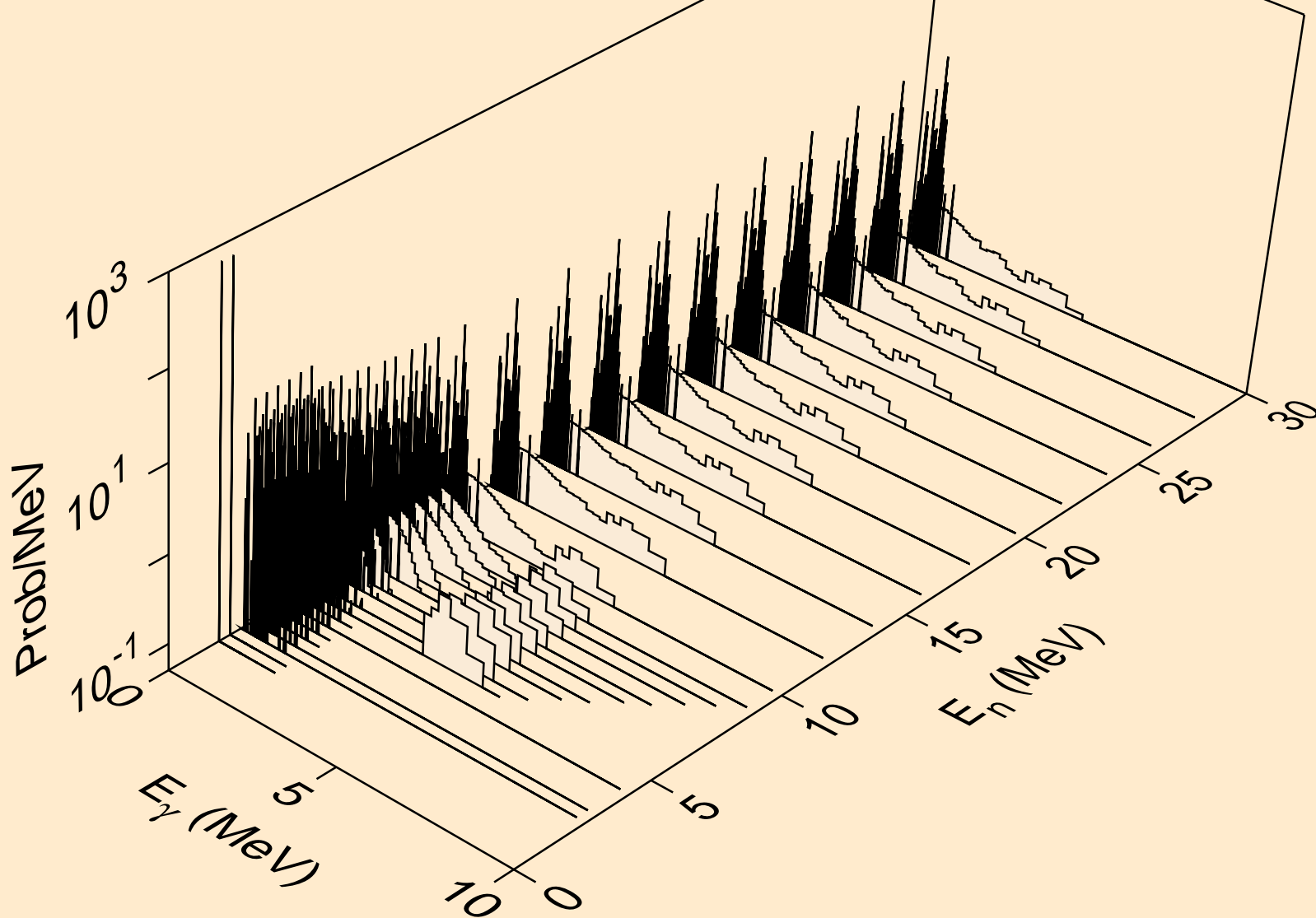
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



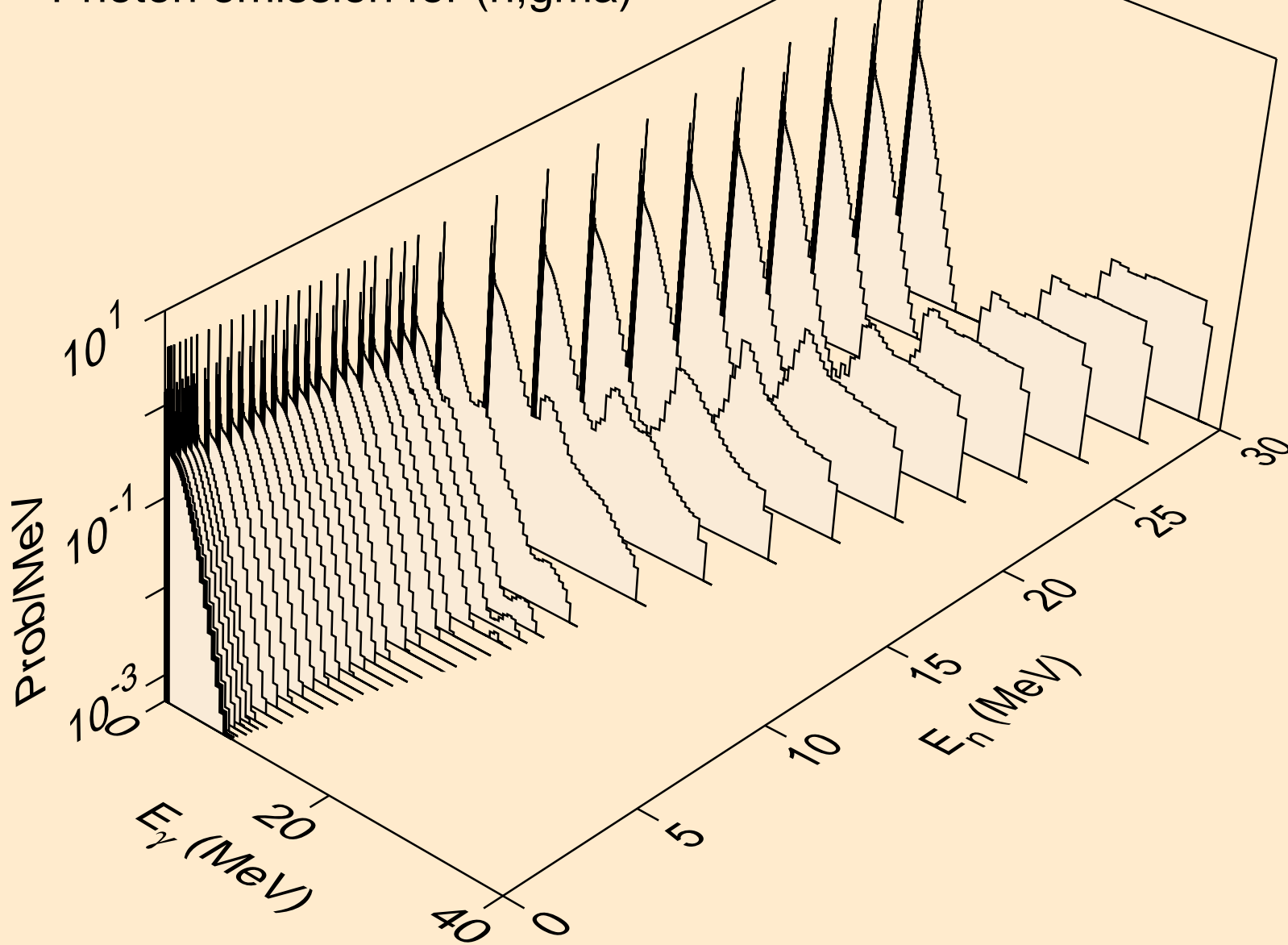
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



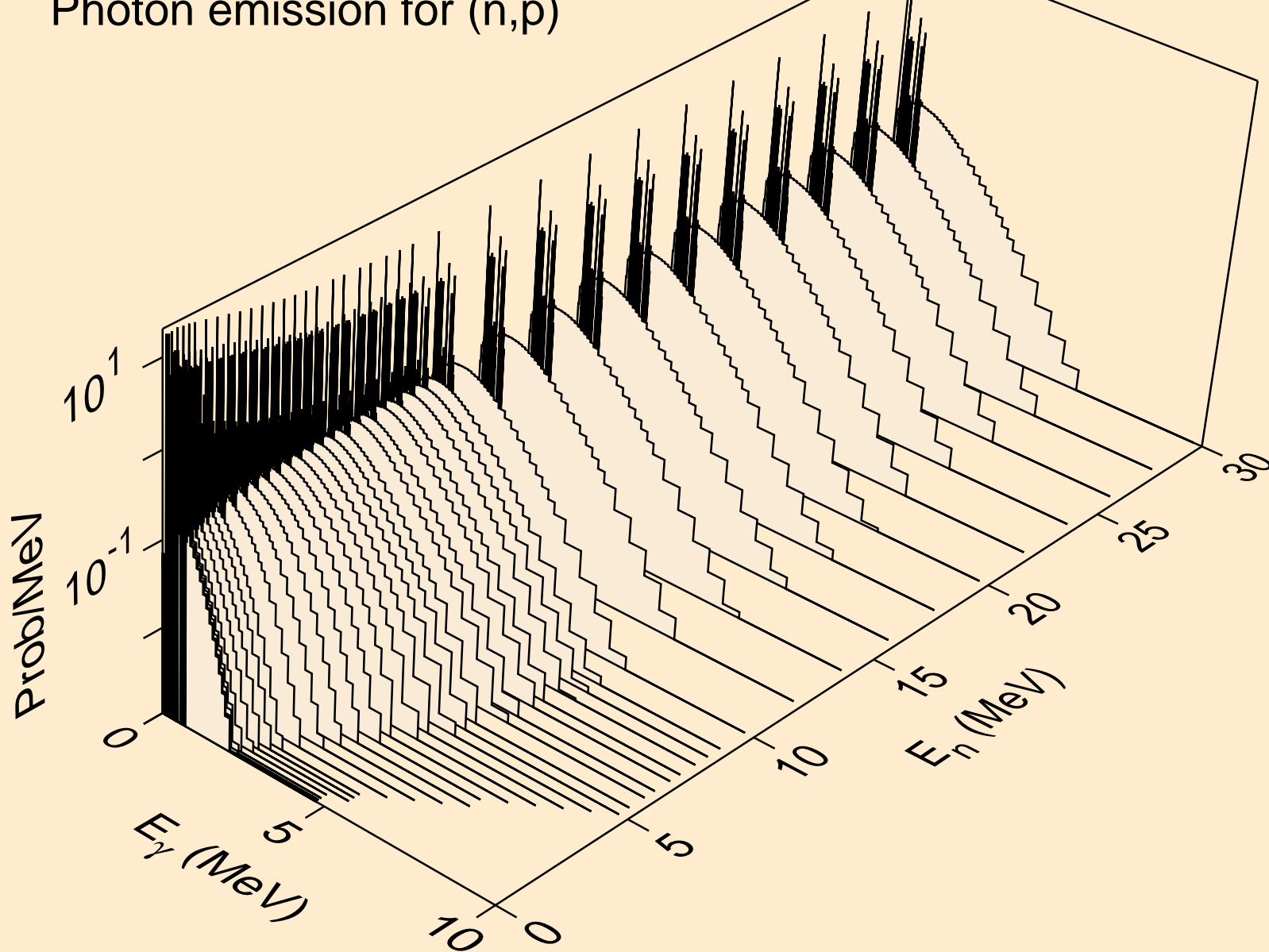
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



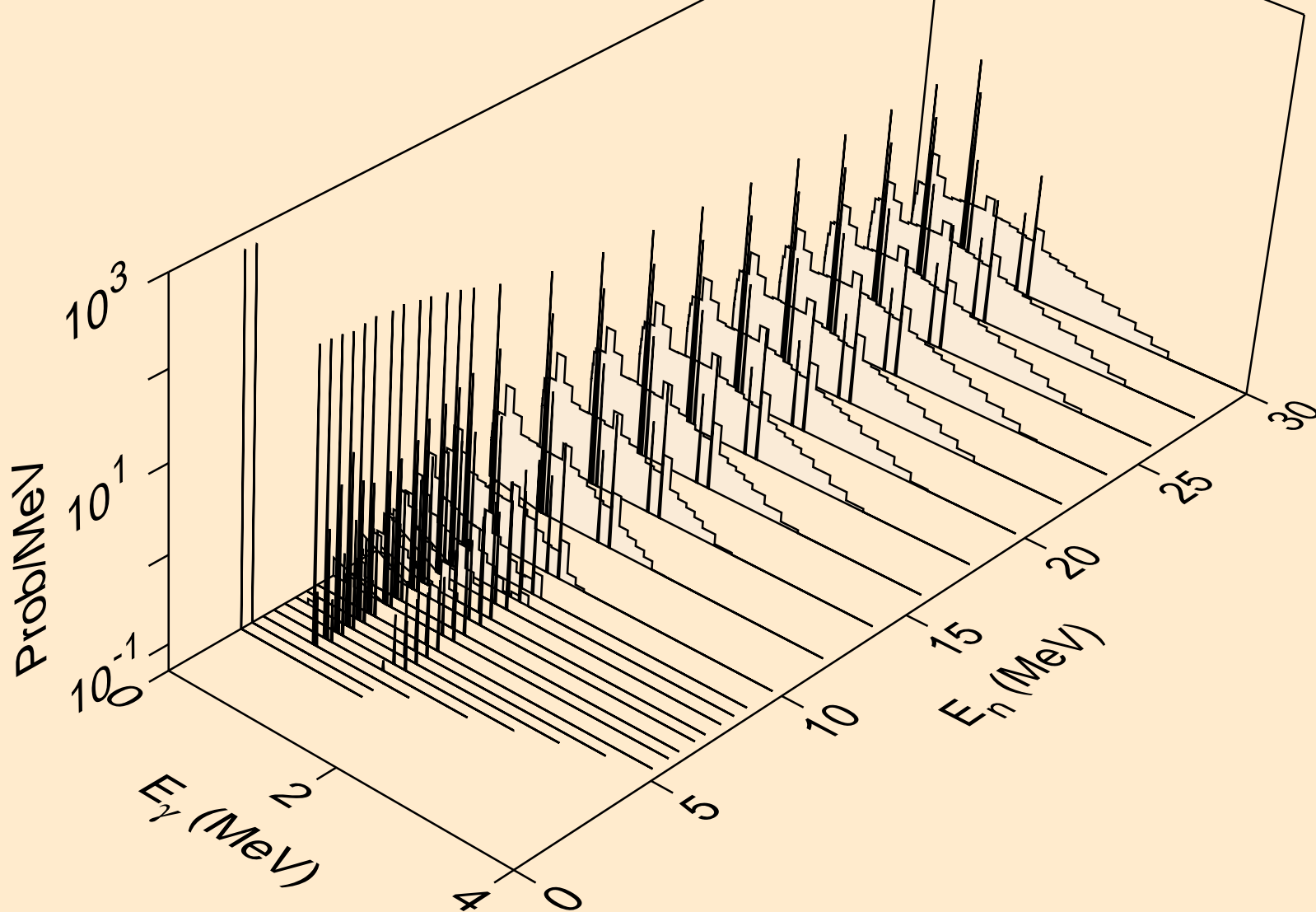
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



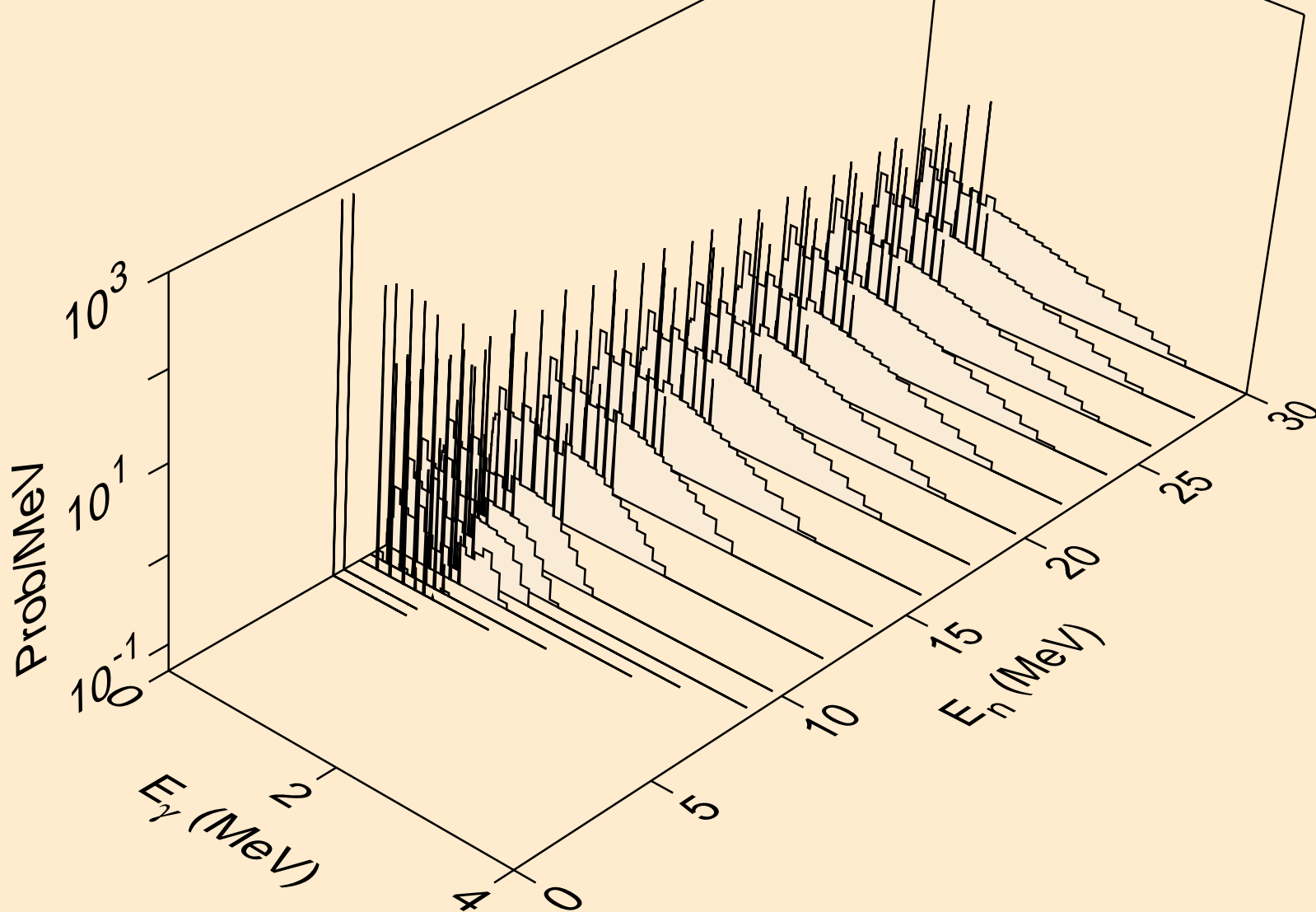
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



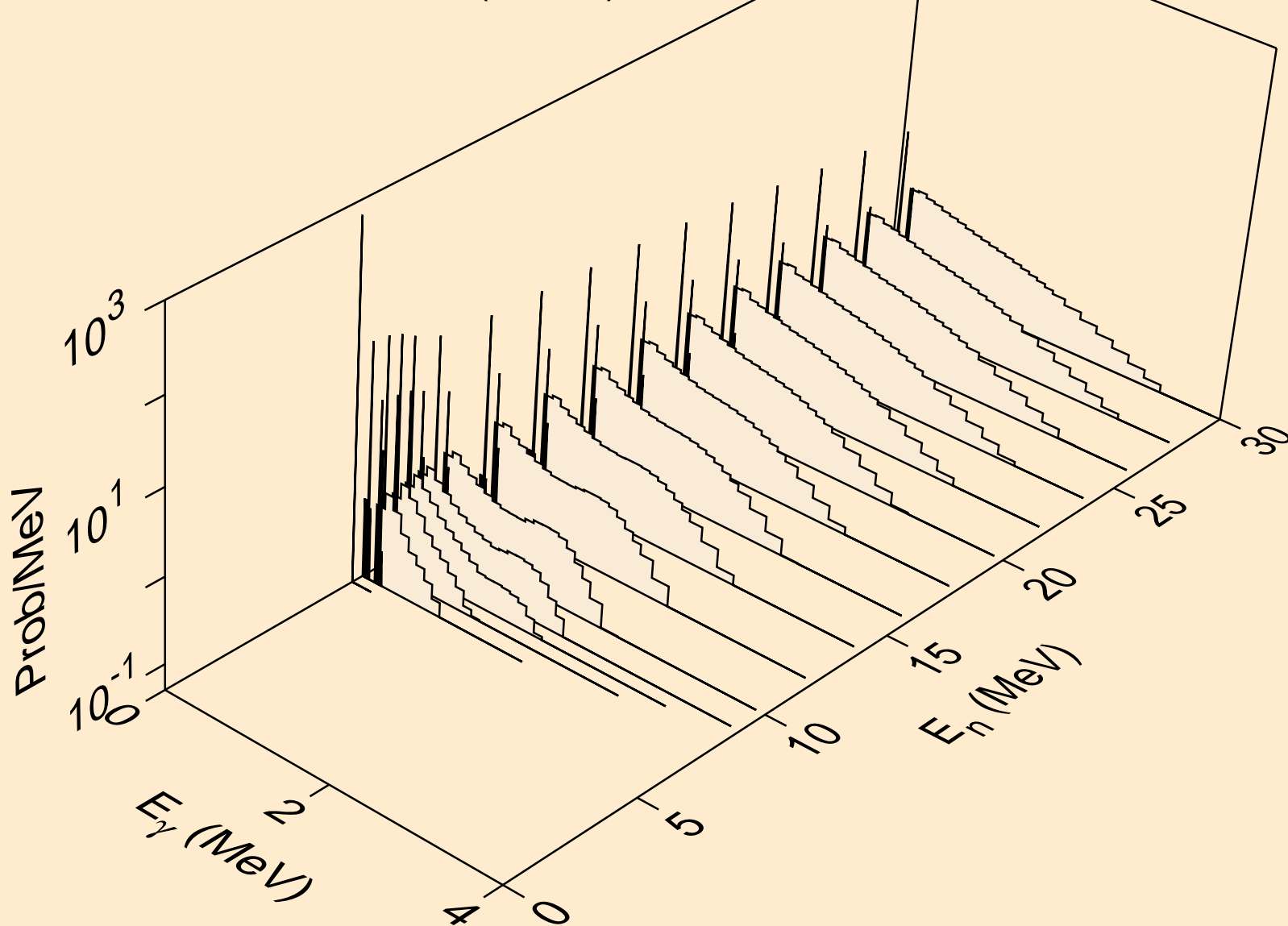
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



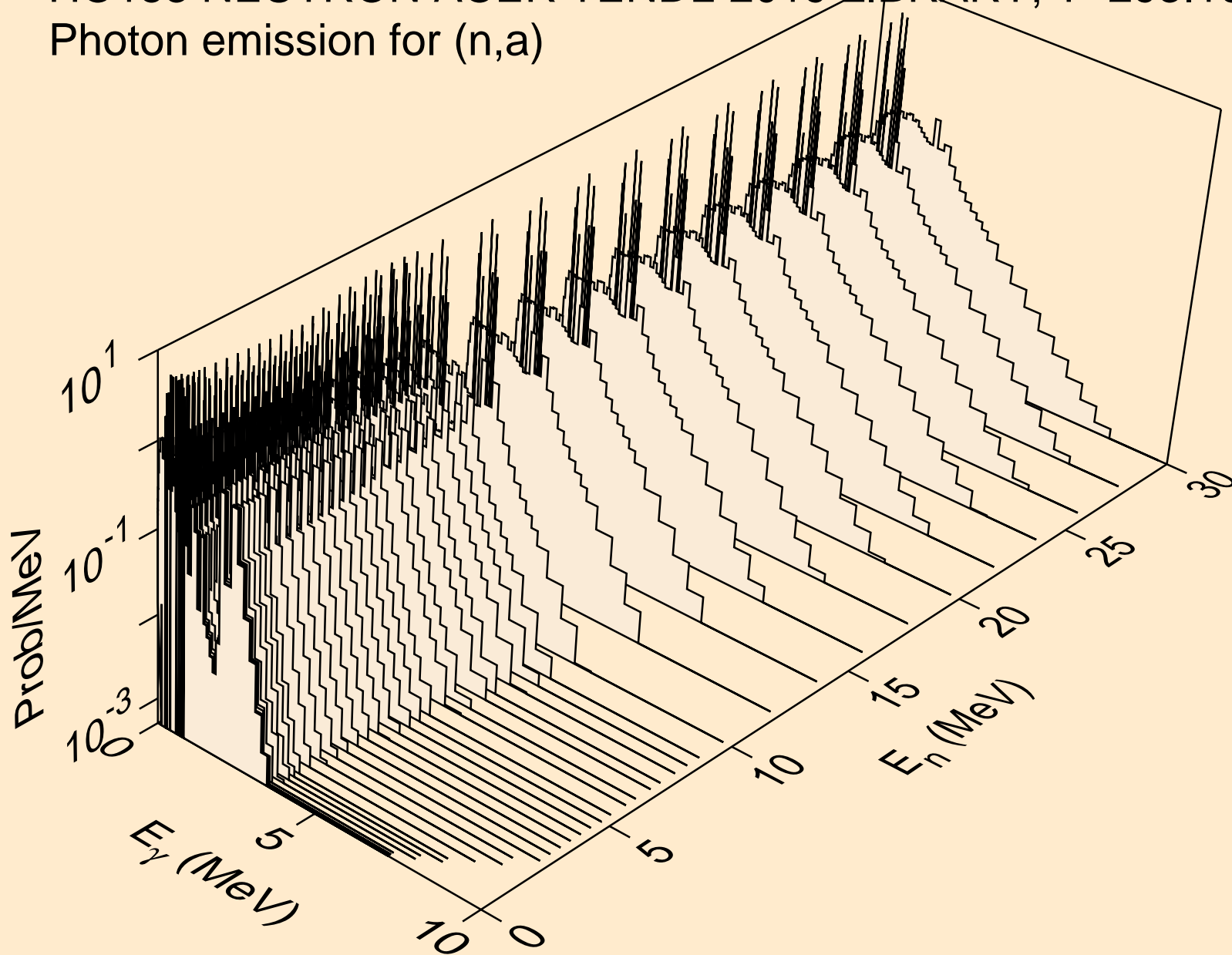
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



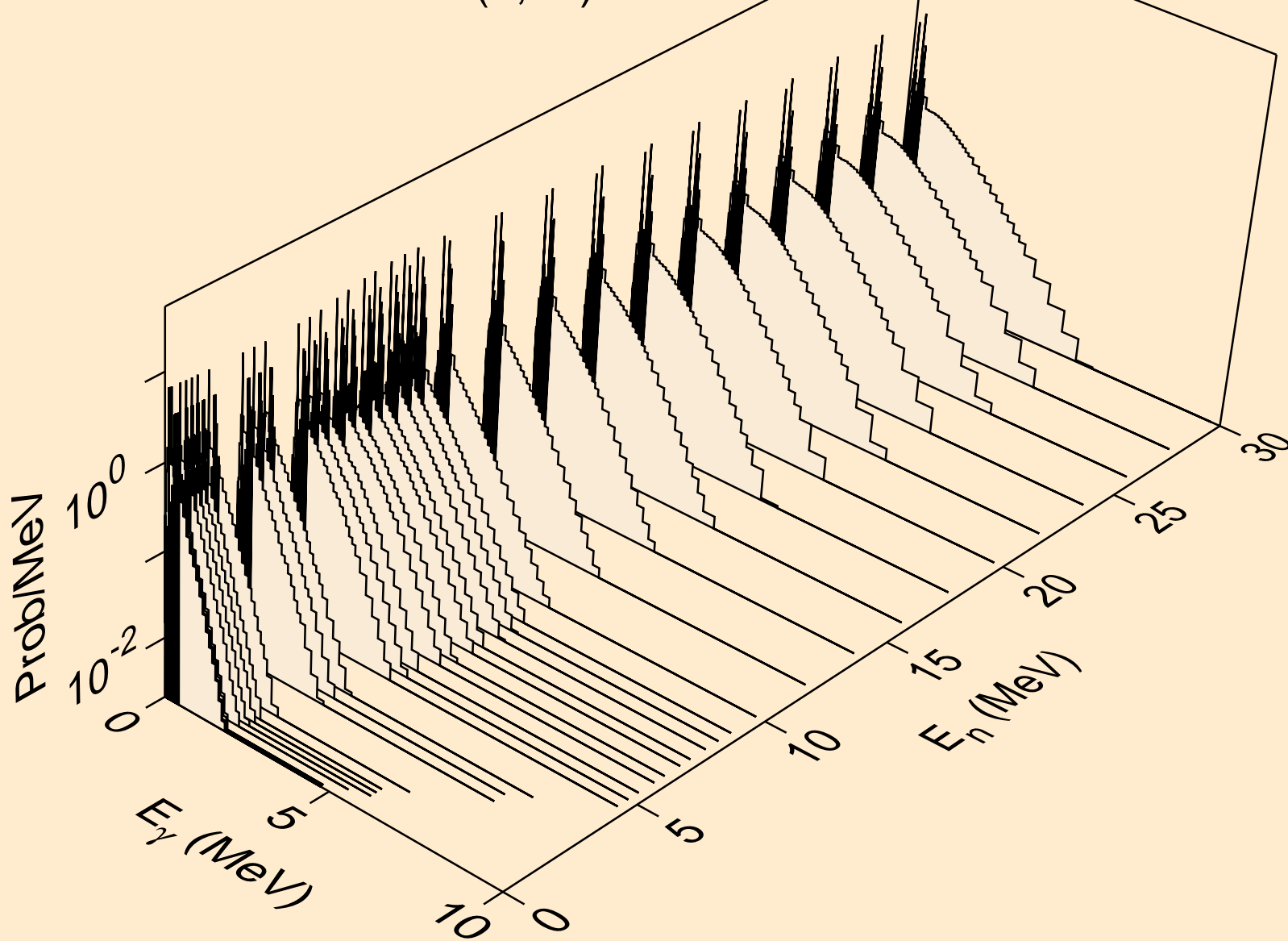
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



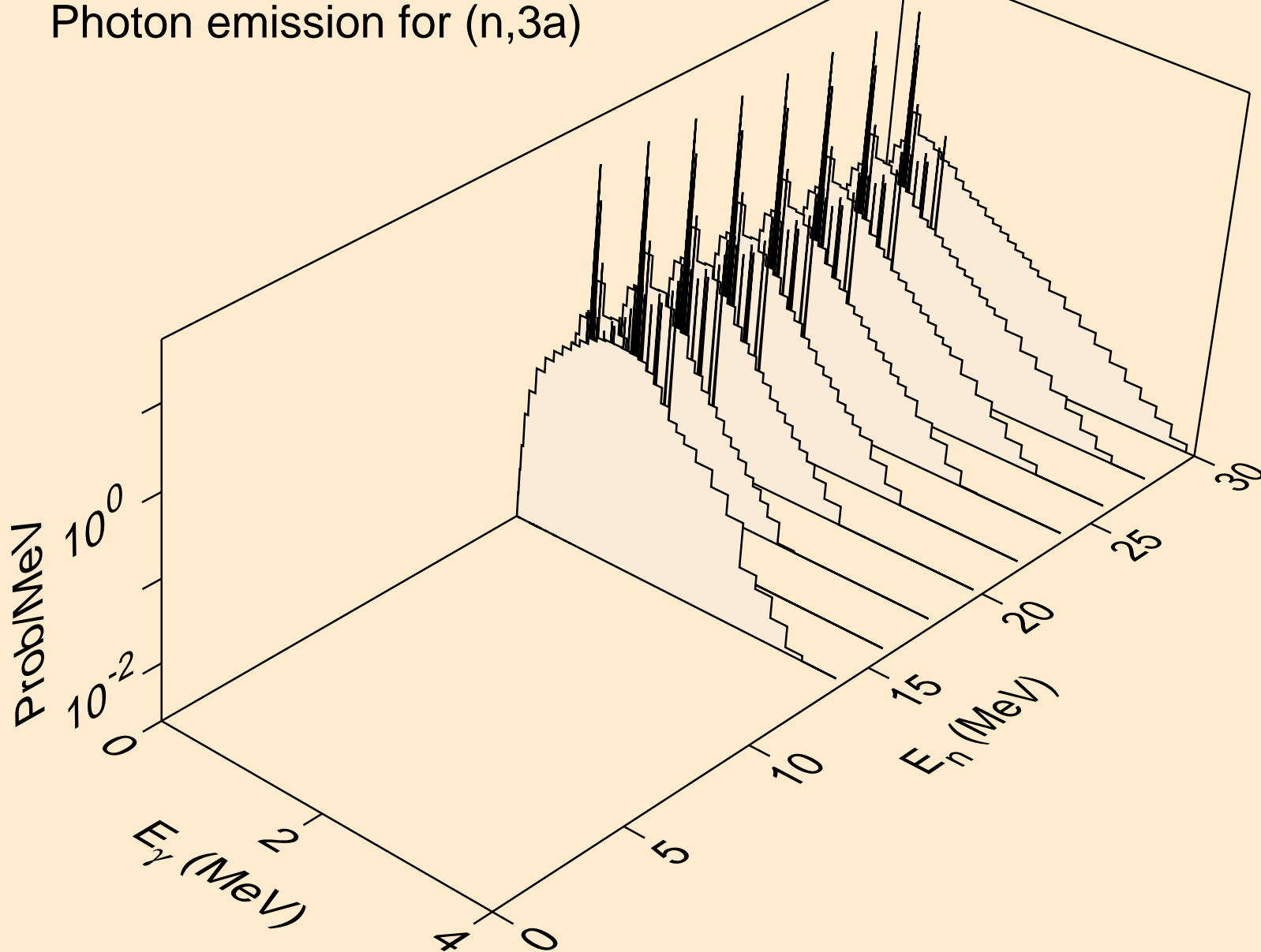
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



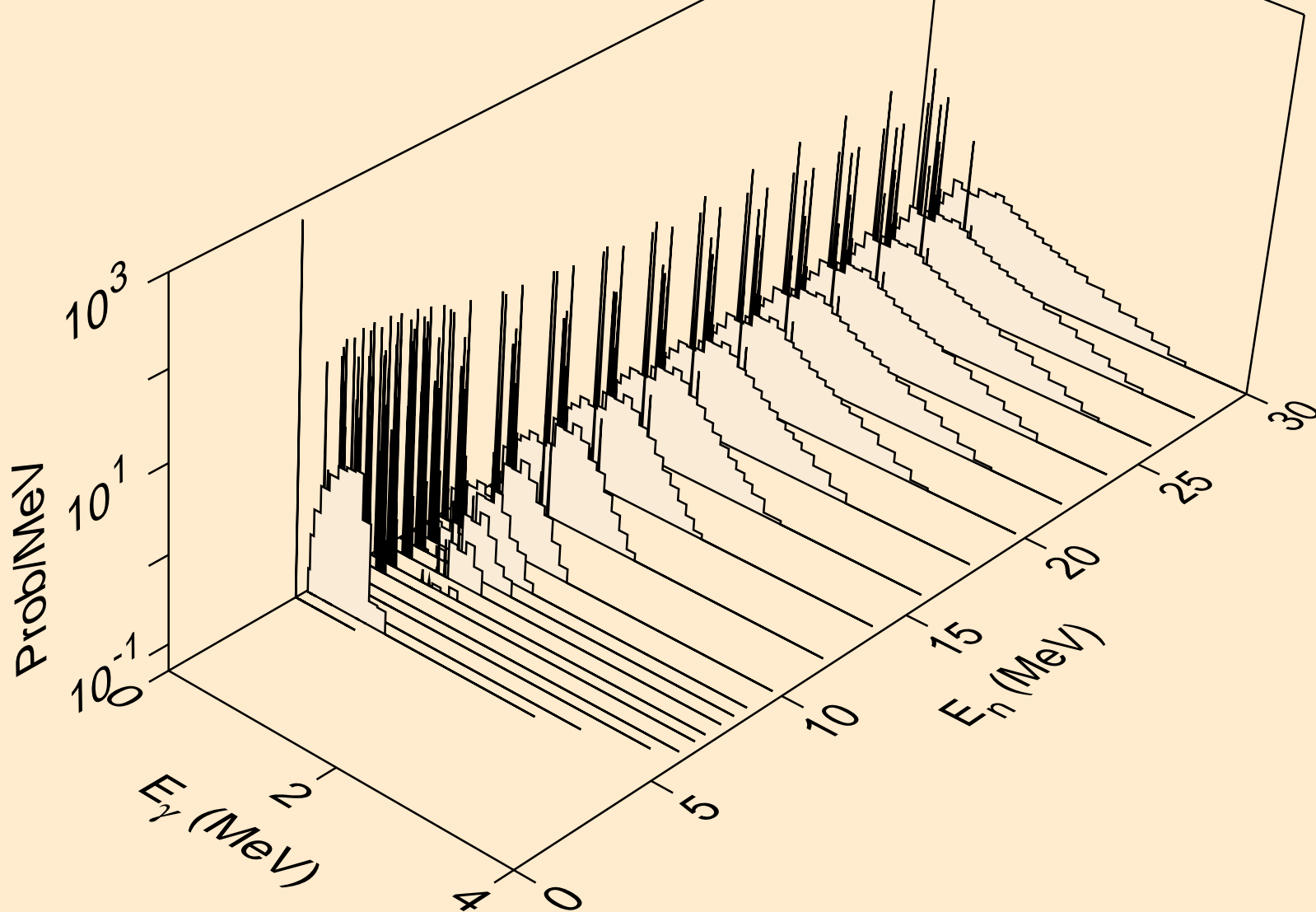
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



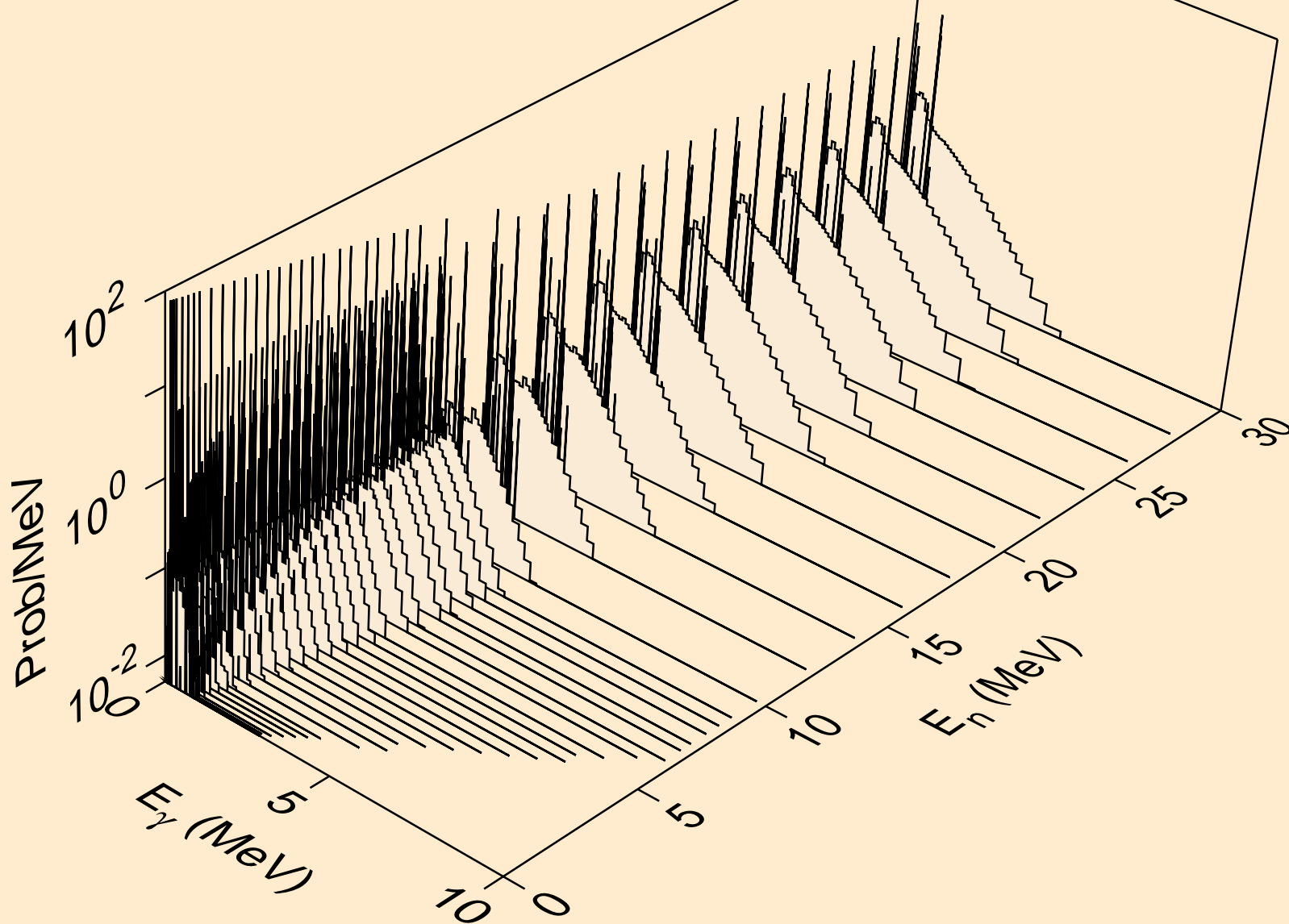
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



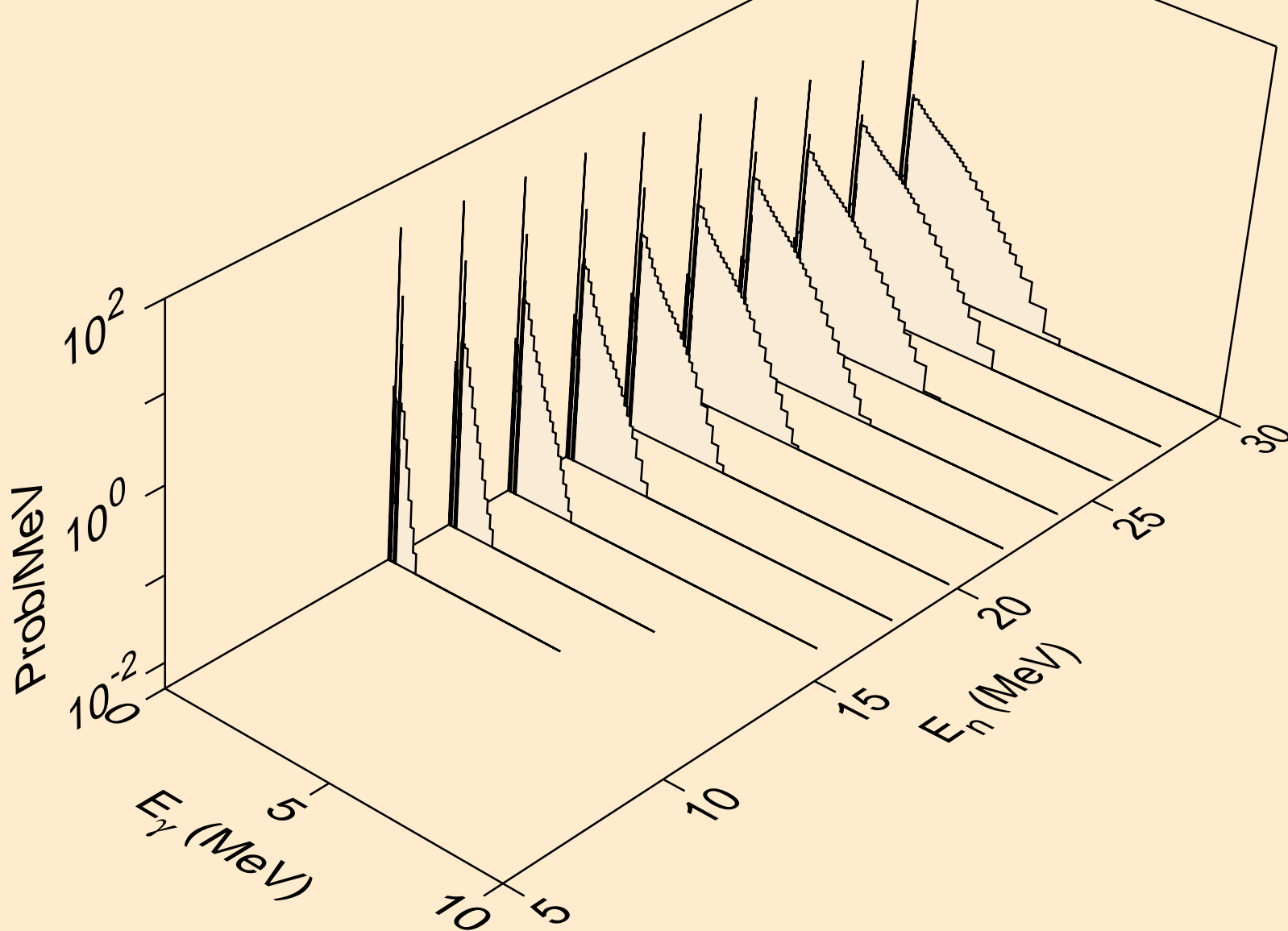
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



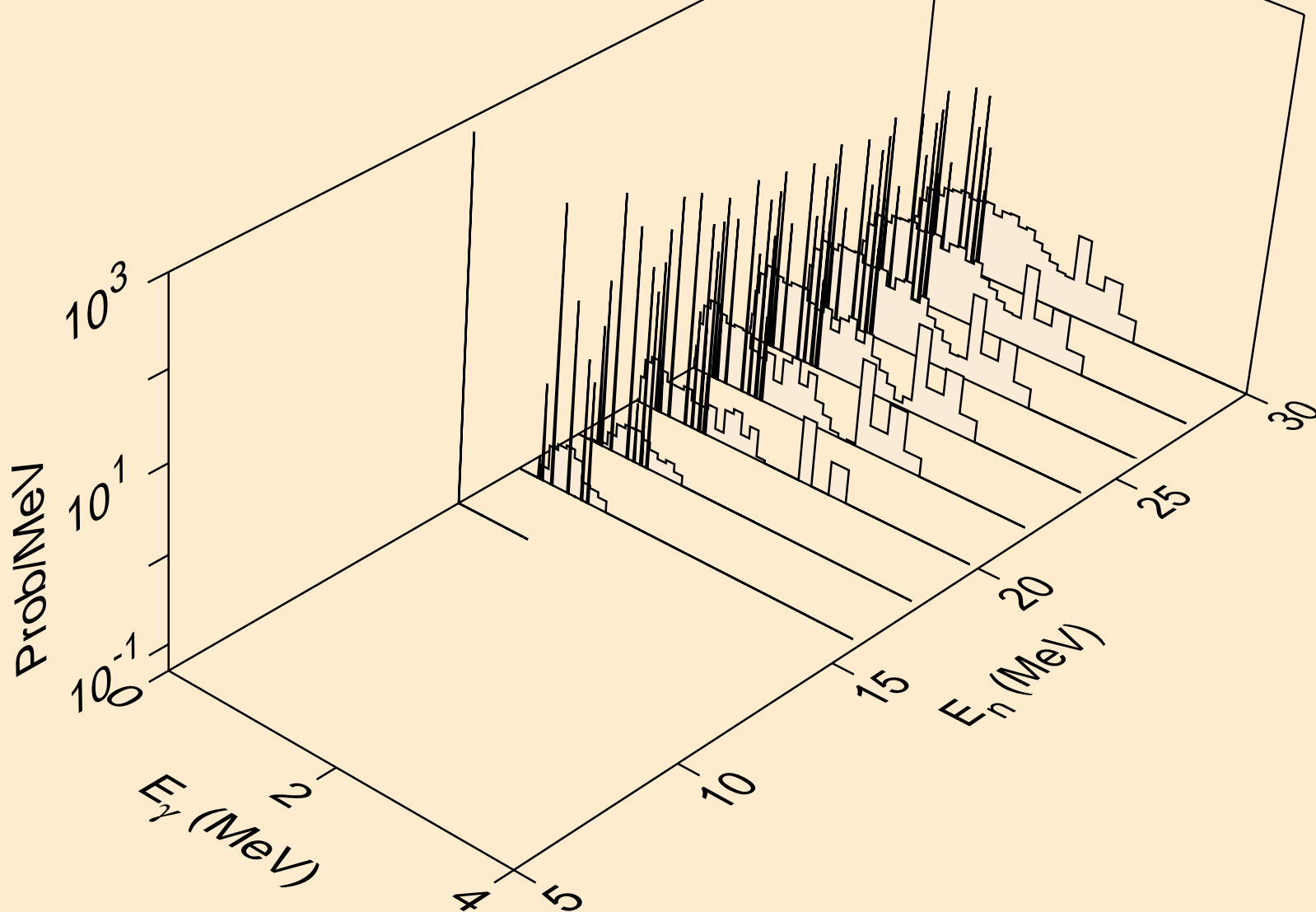
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



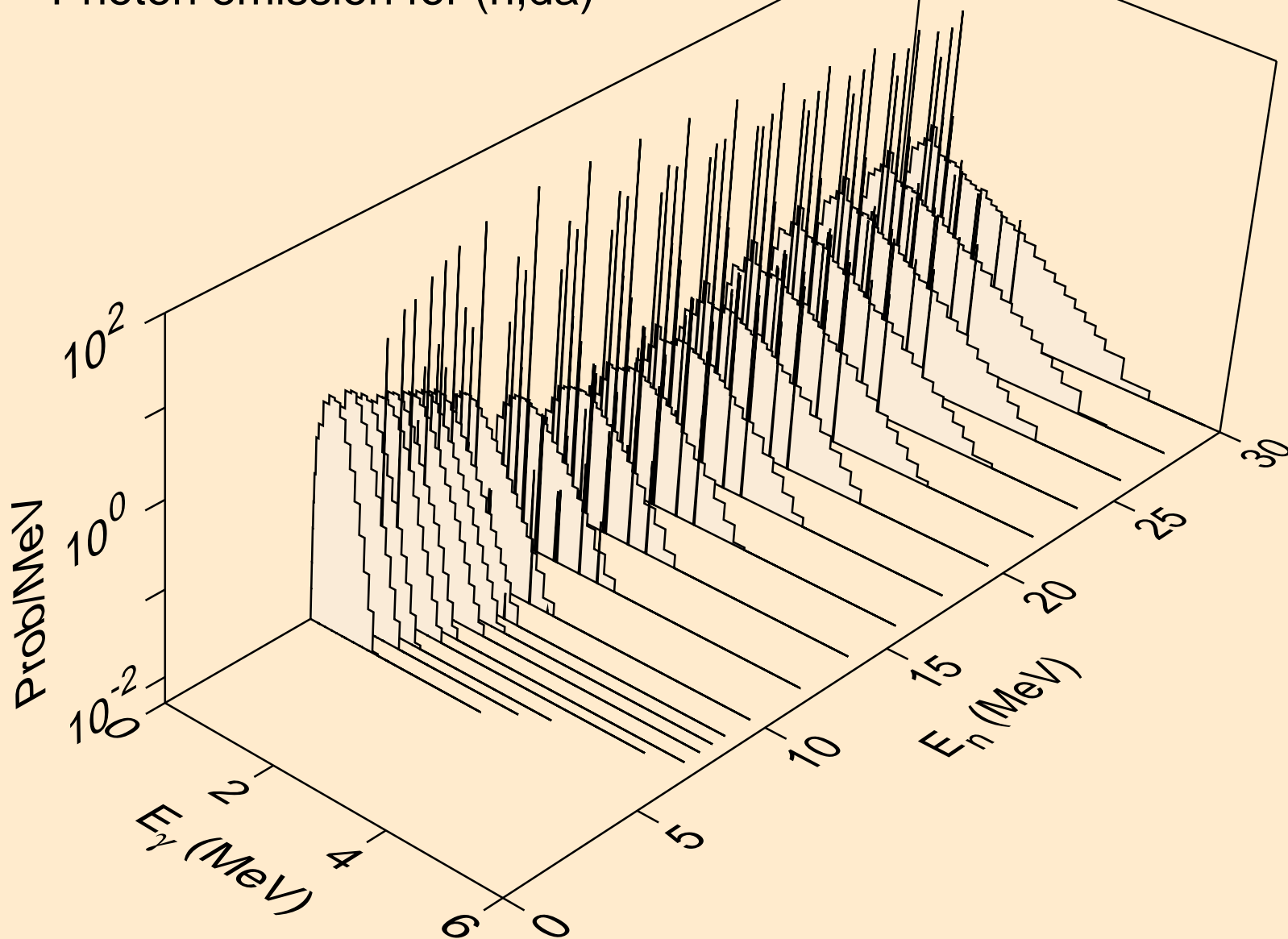
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



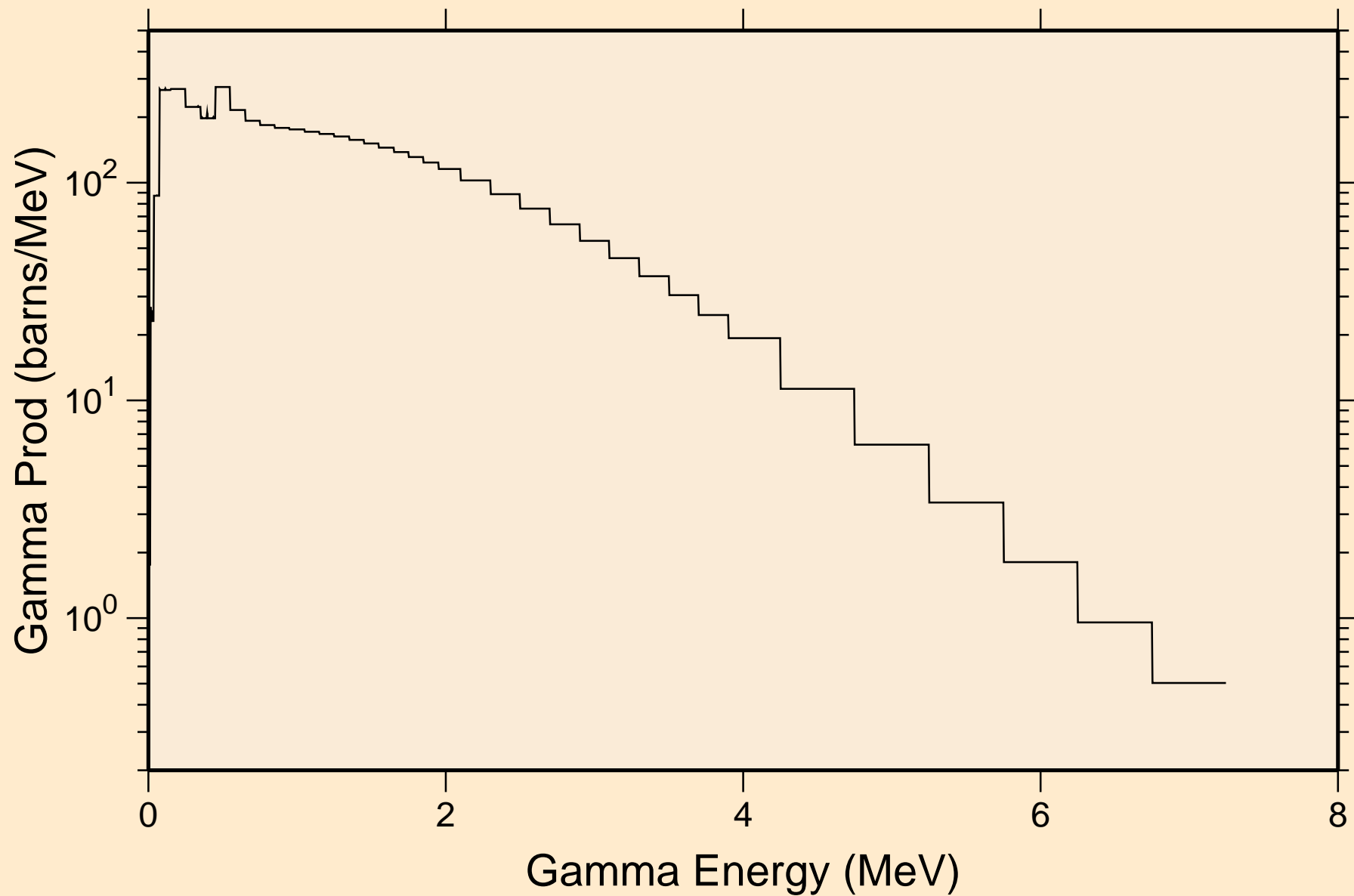
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



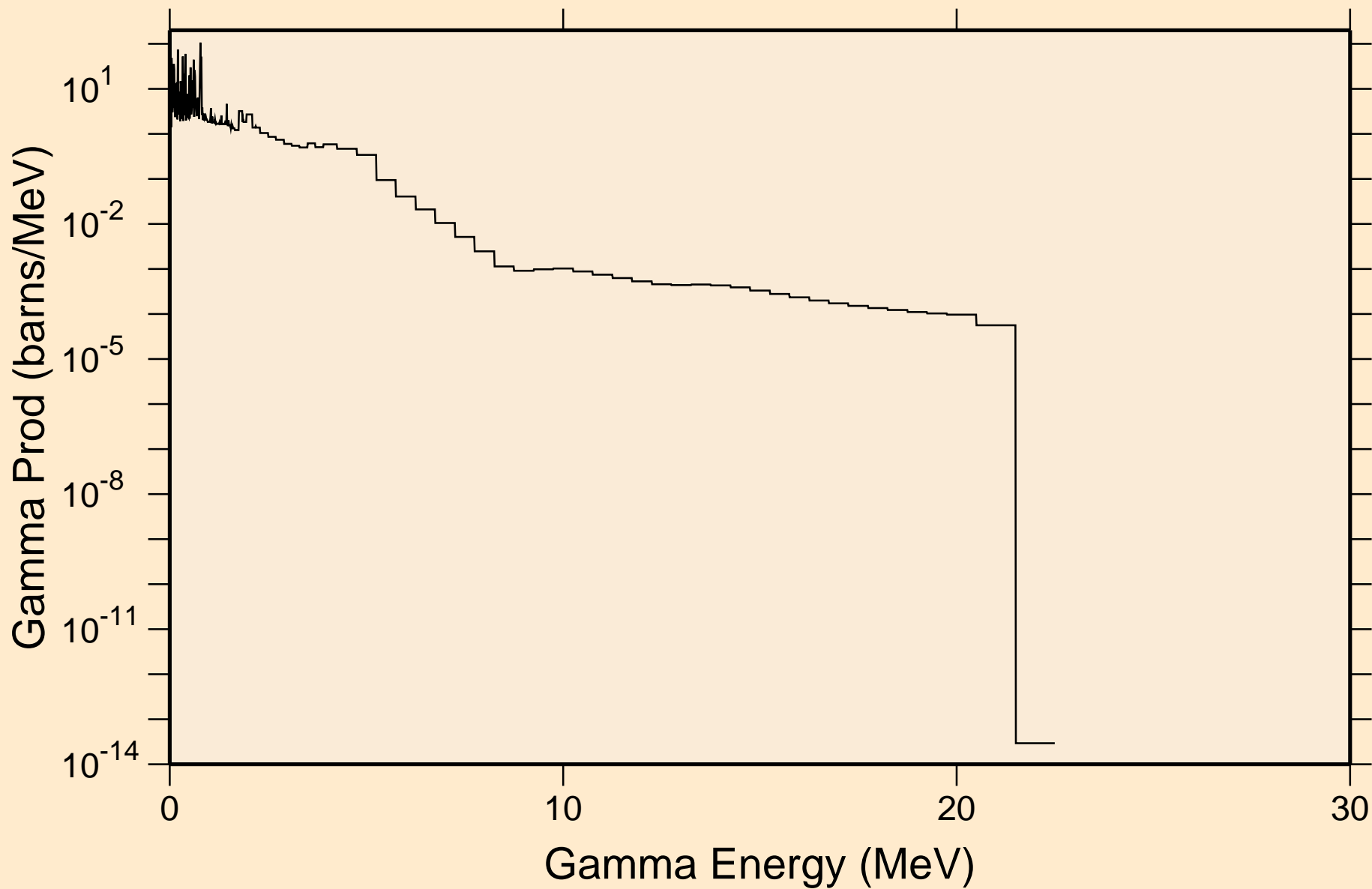
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

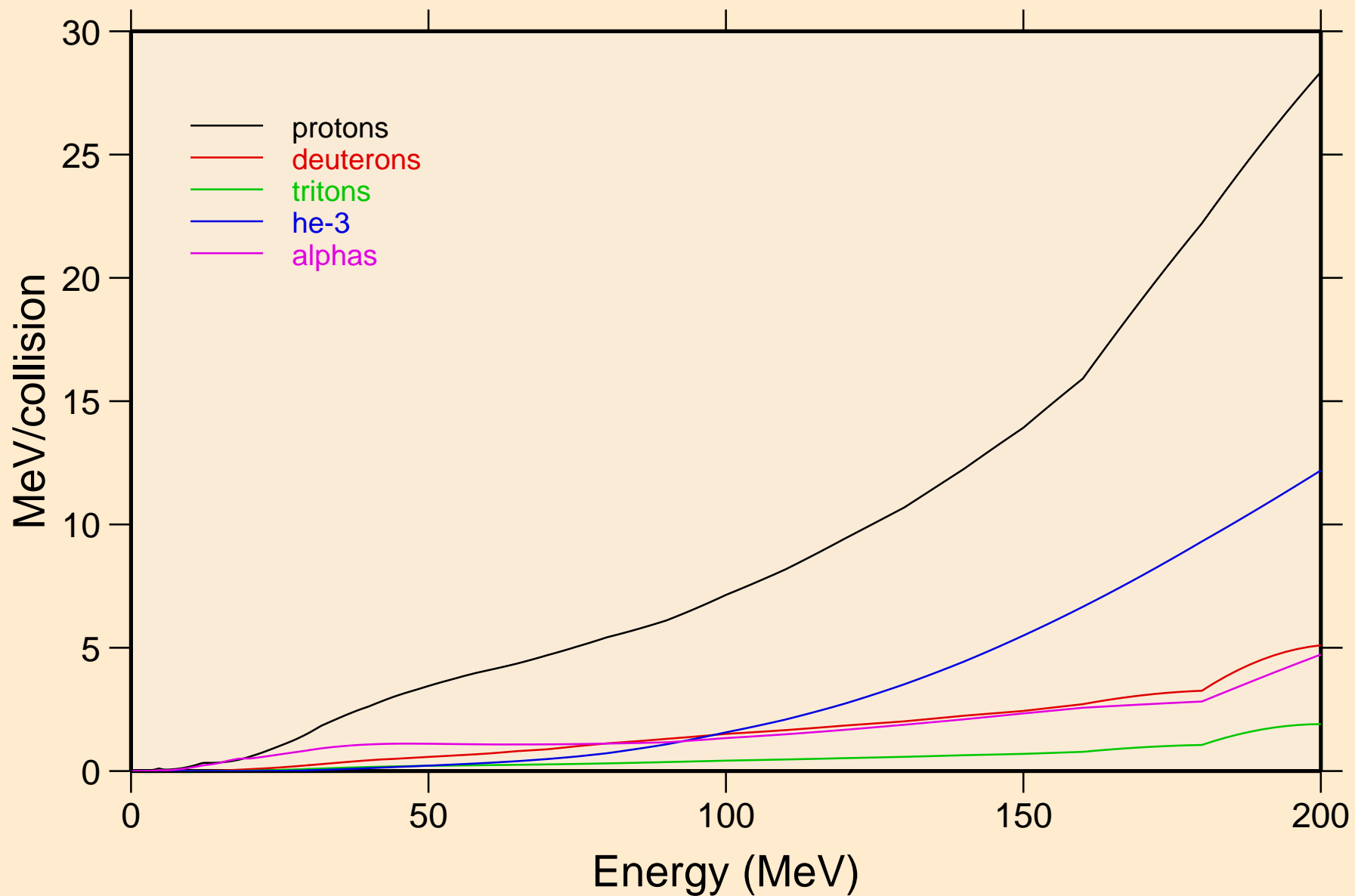


HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

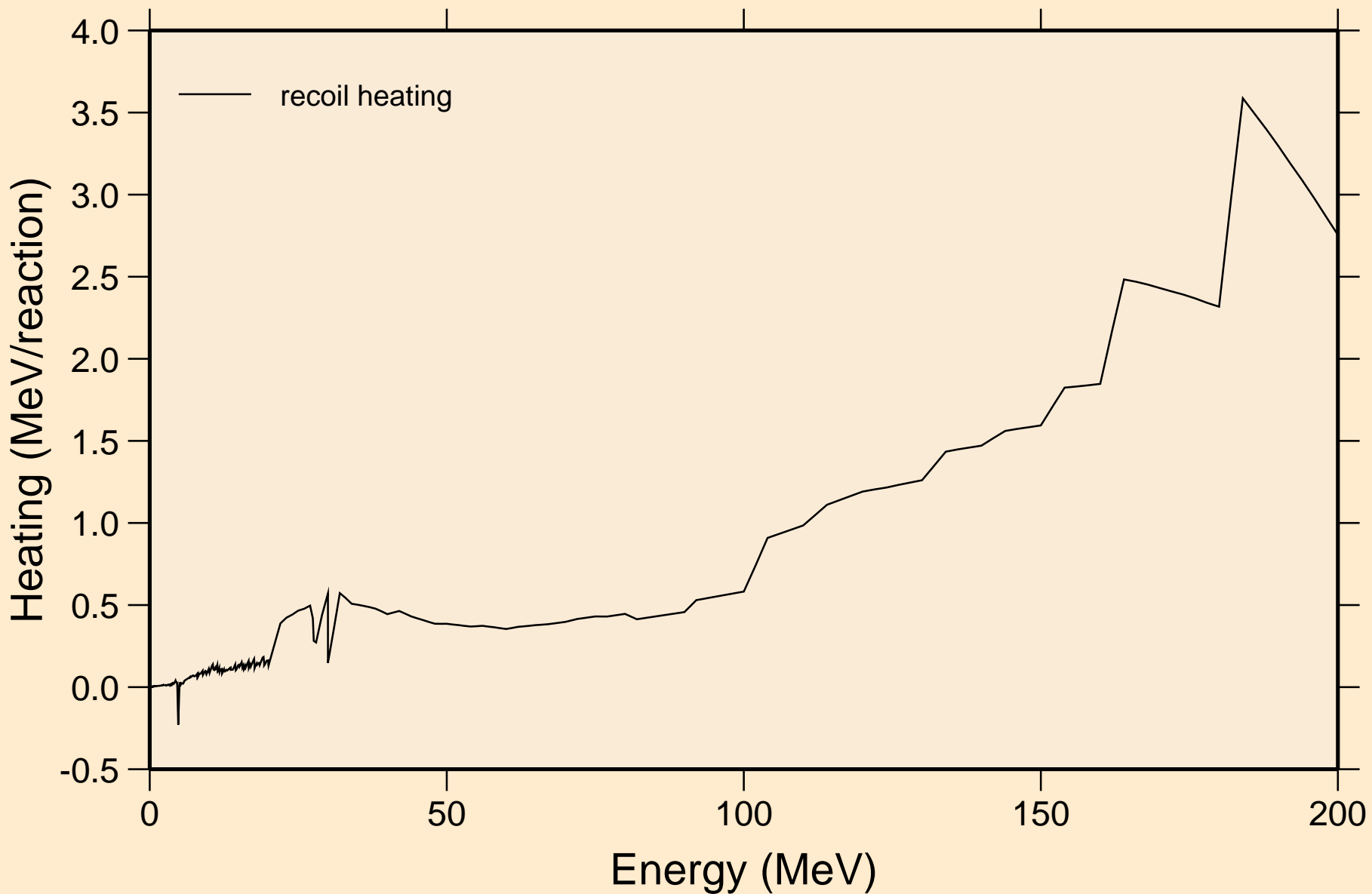


HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

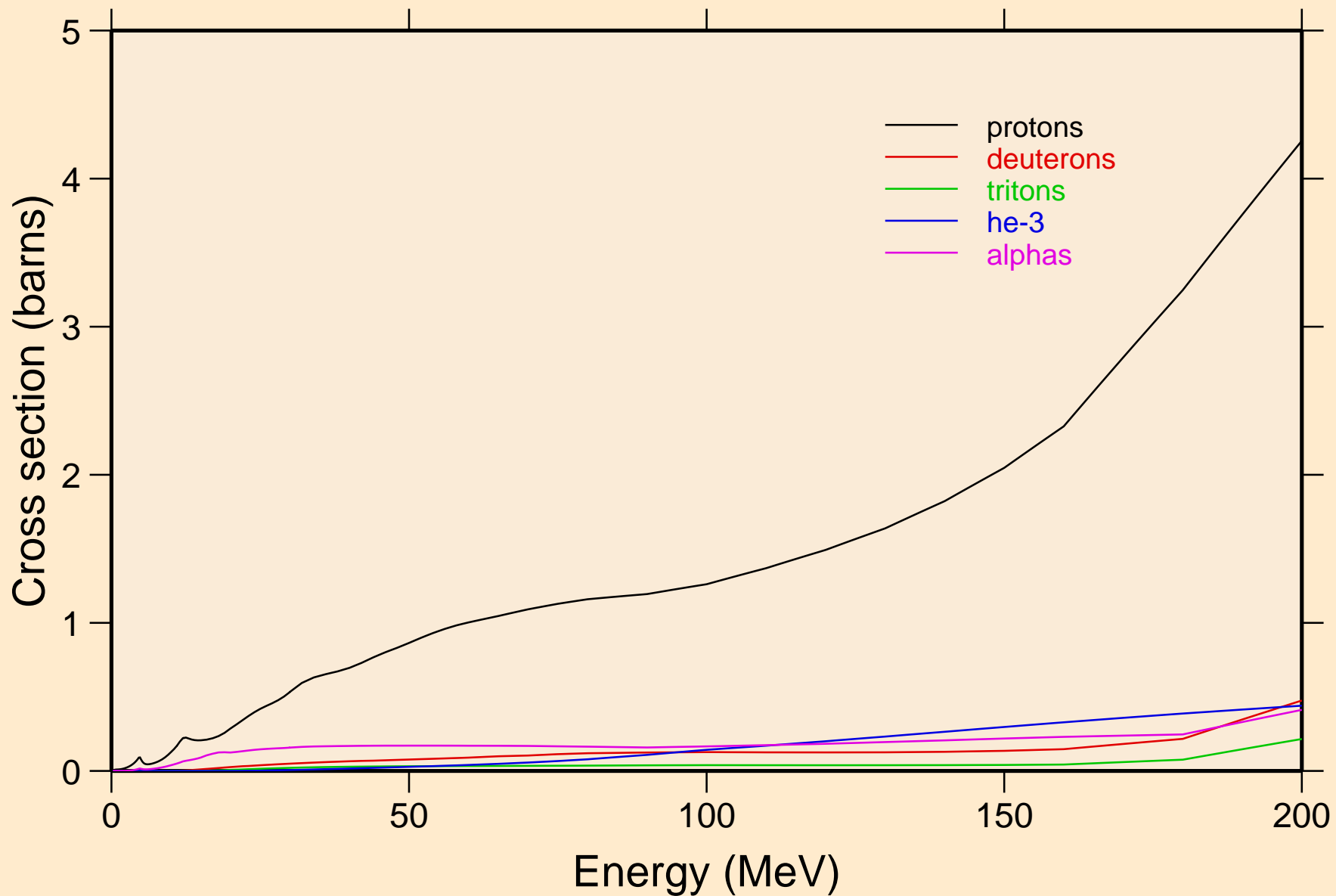
Particle heating contributions



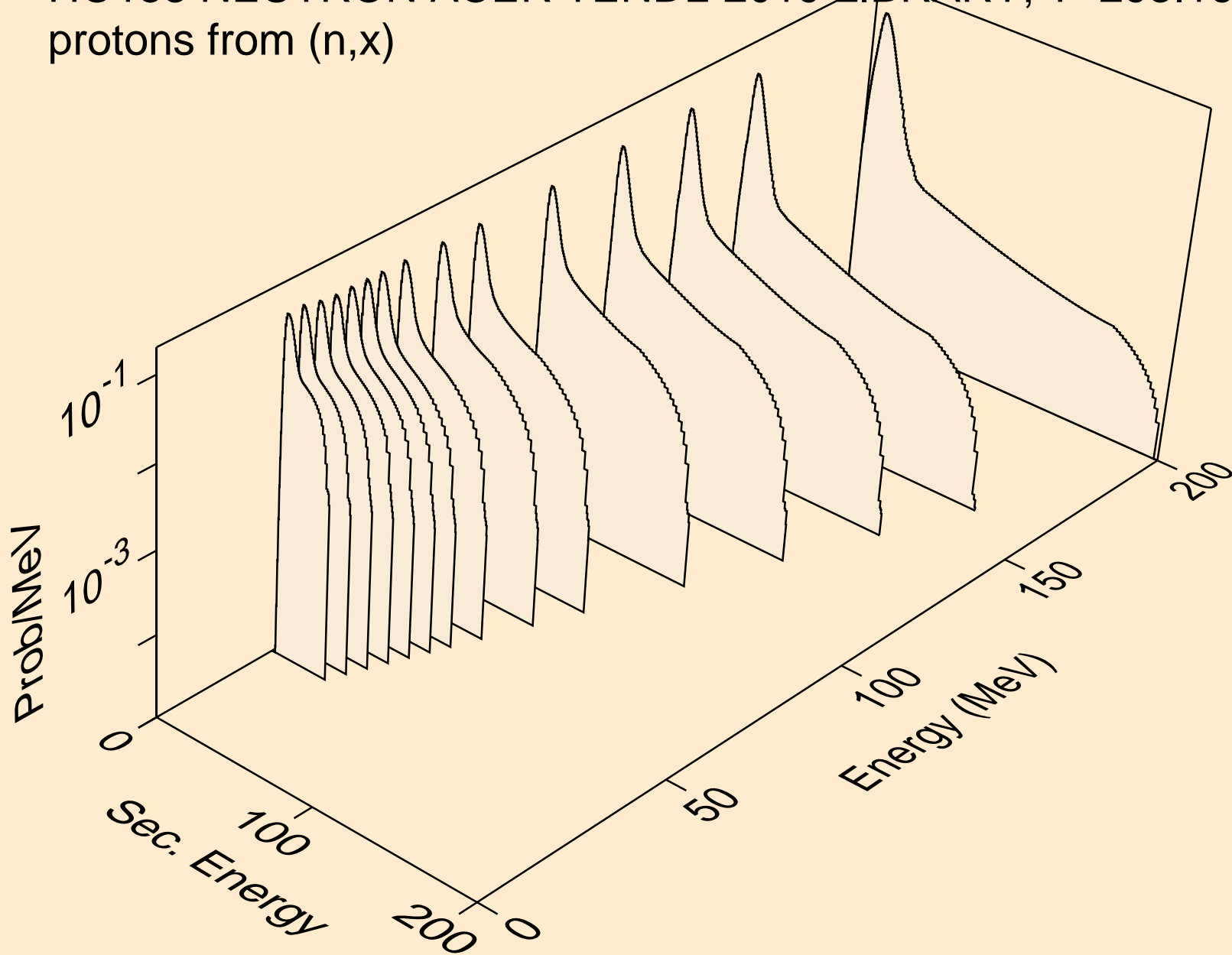
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



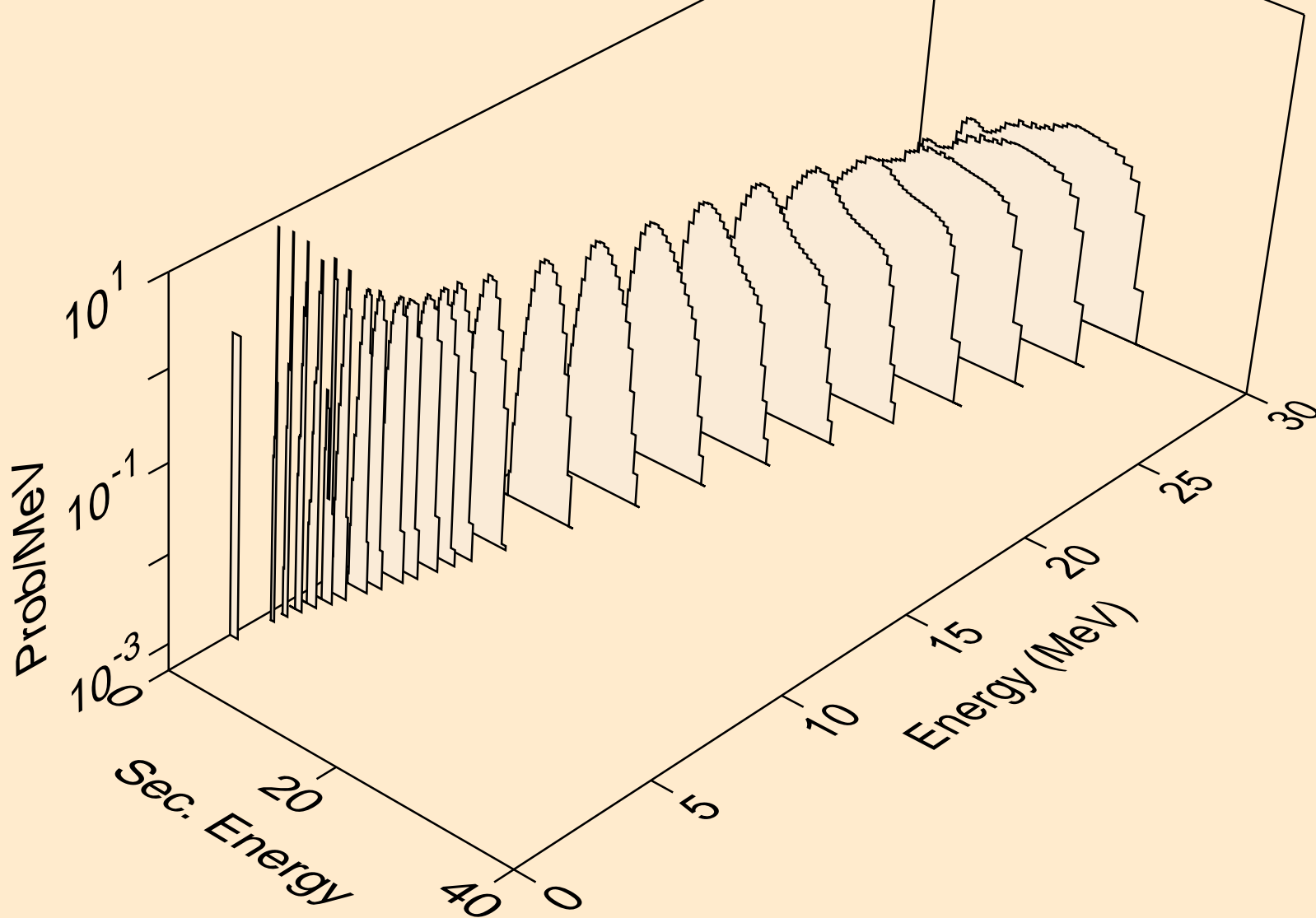
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



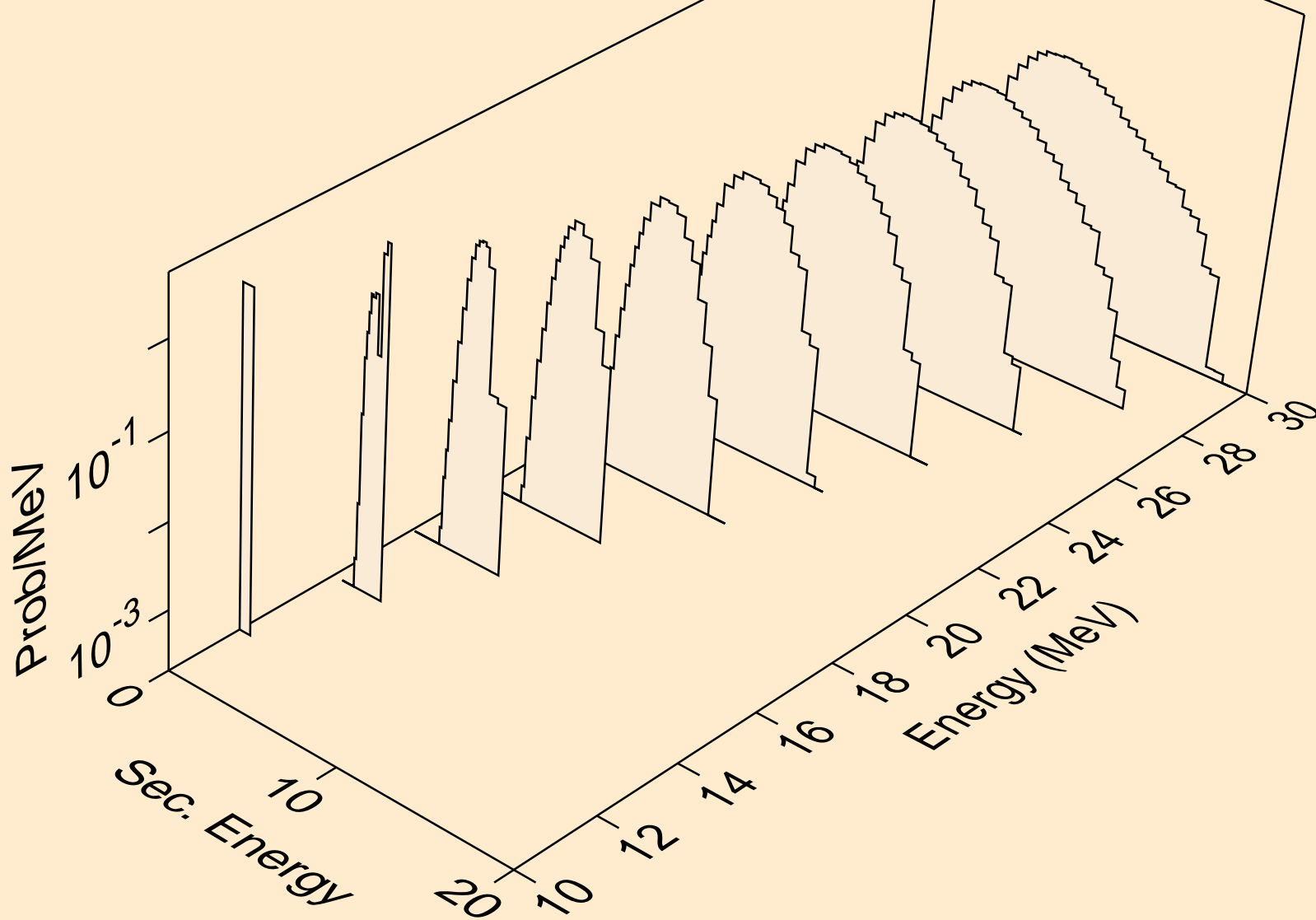
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



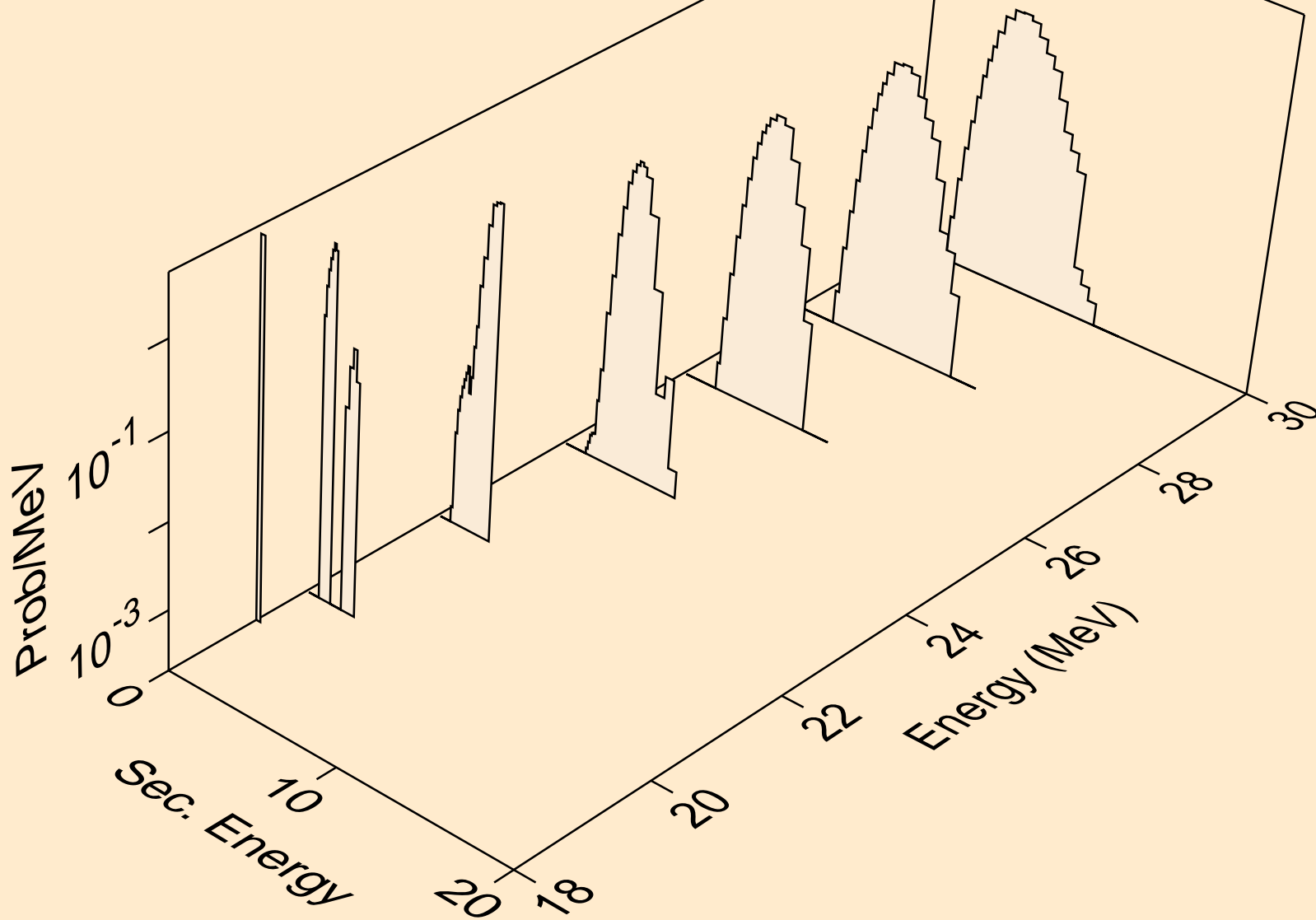
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



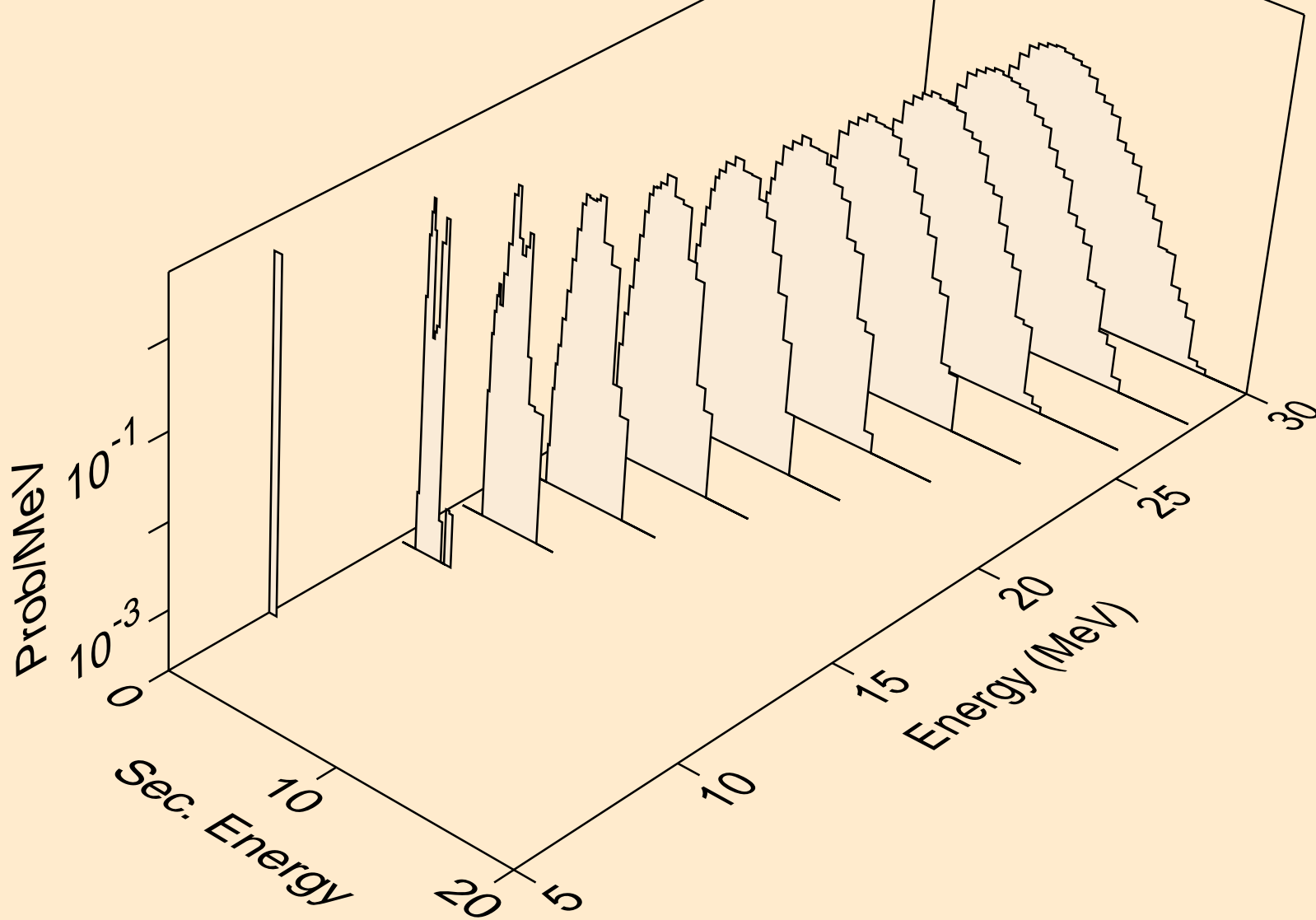
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



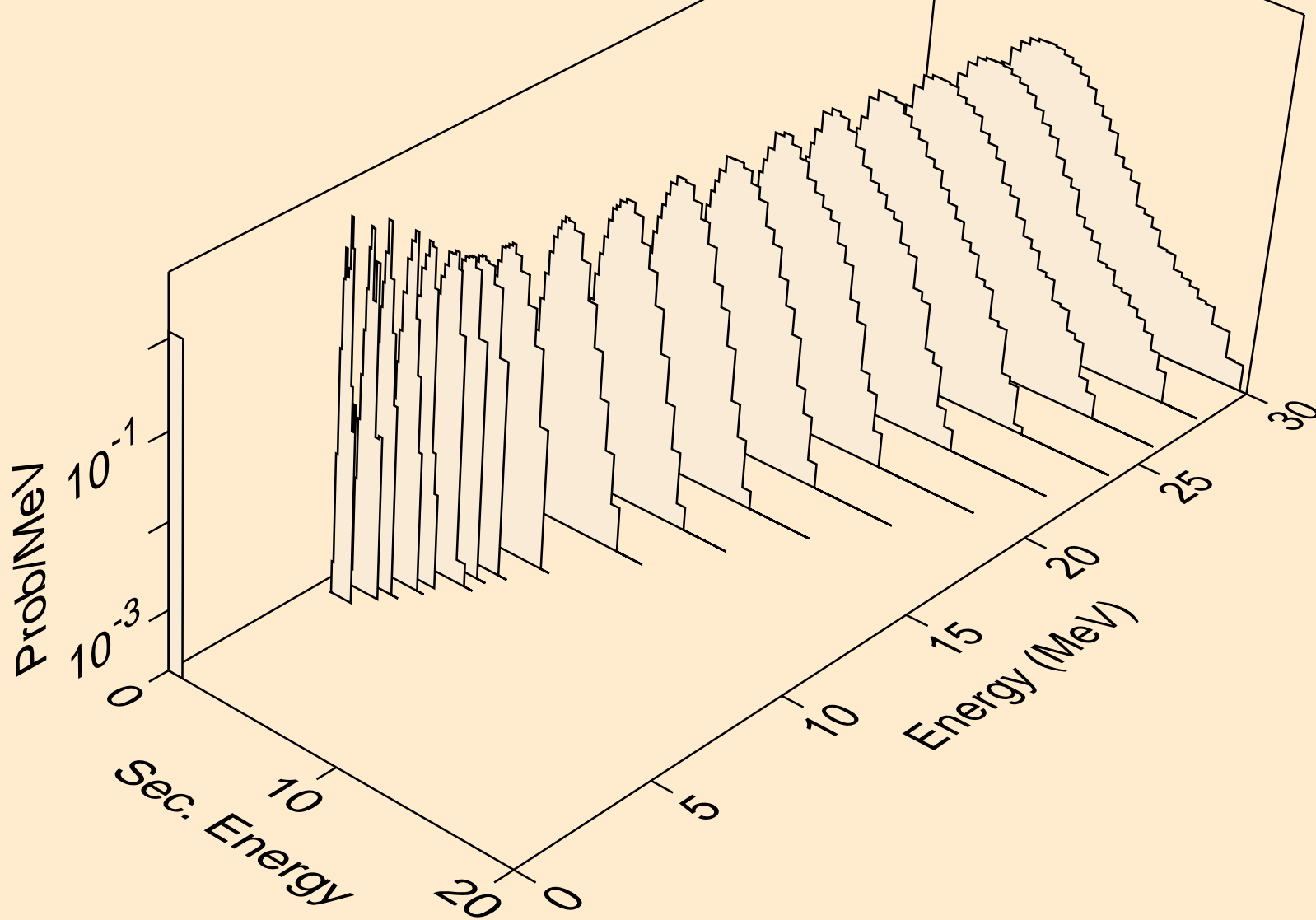
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



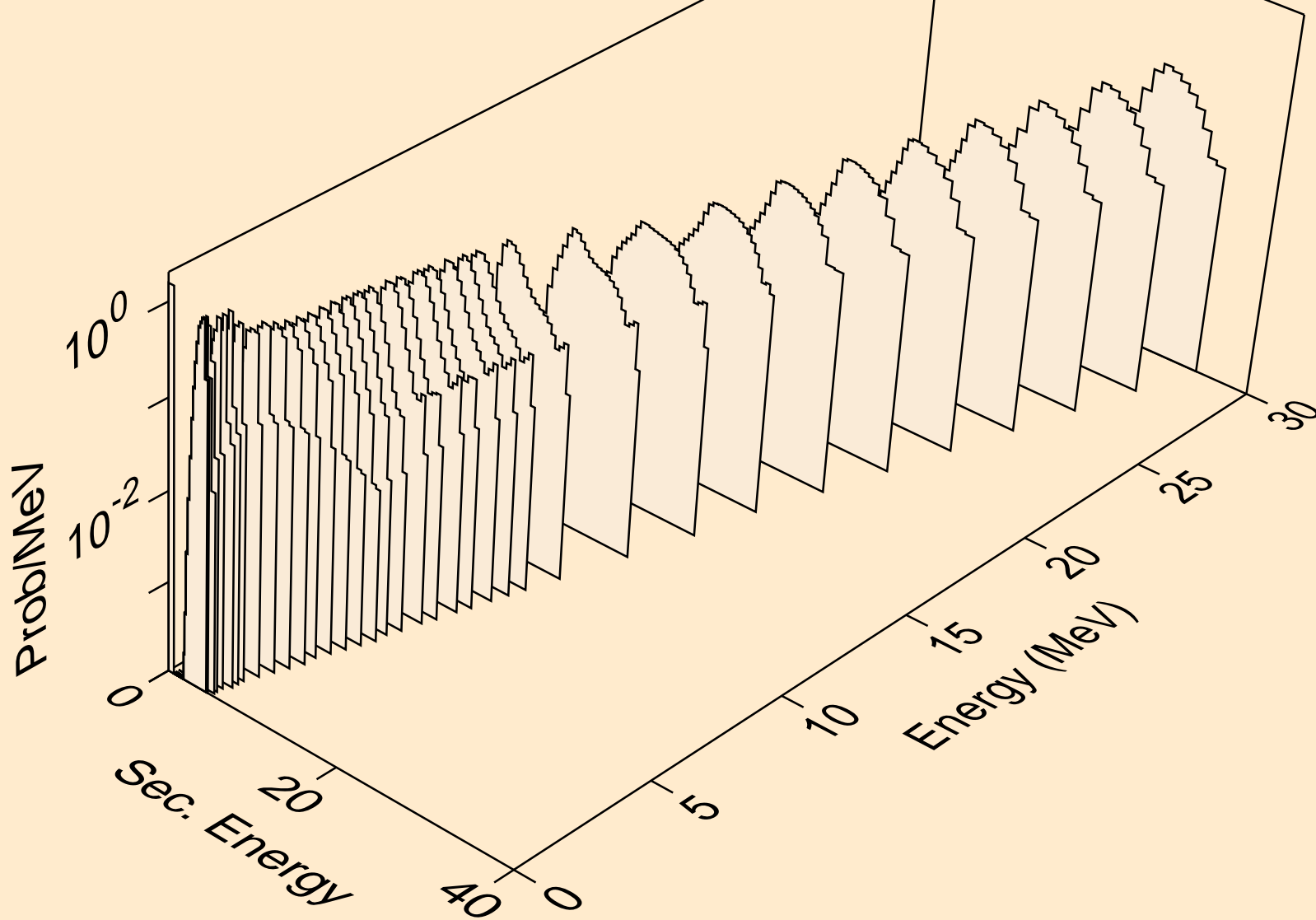
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



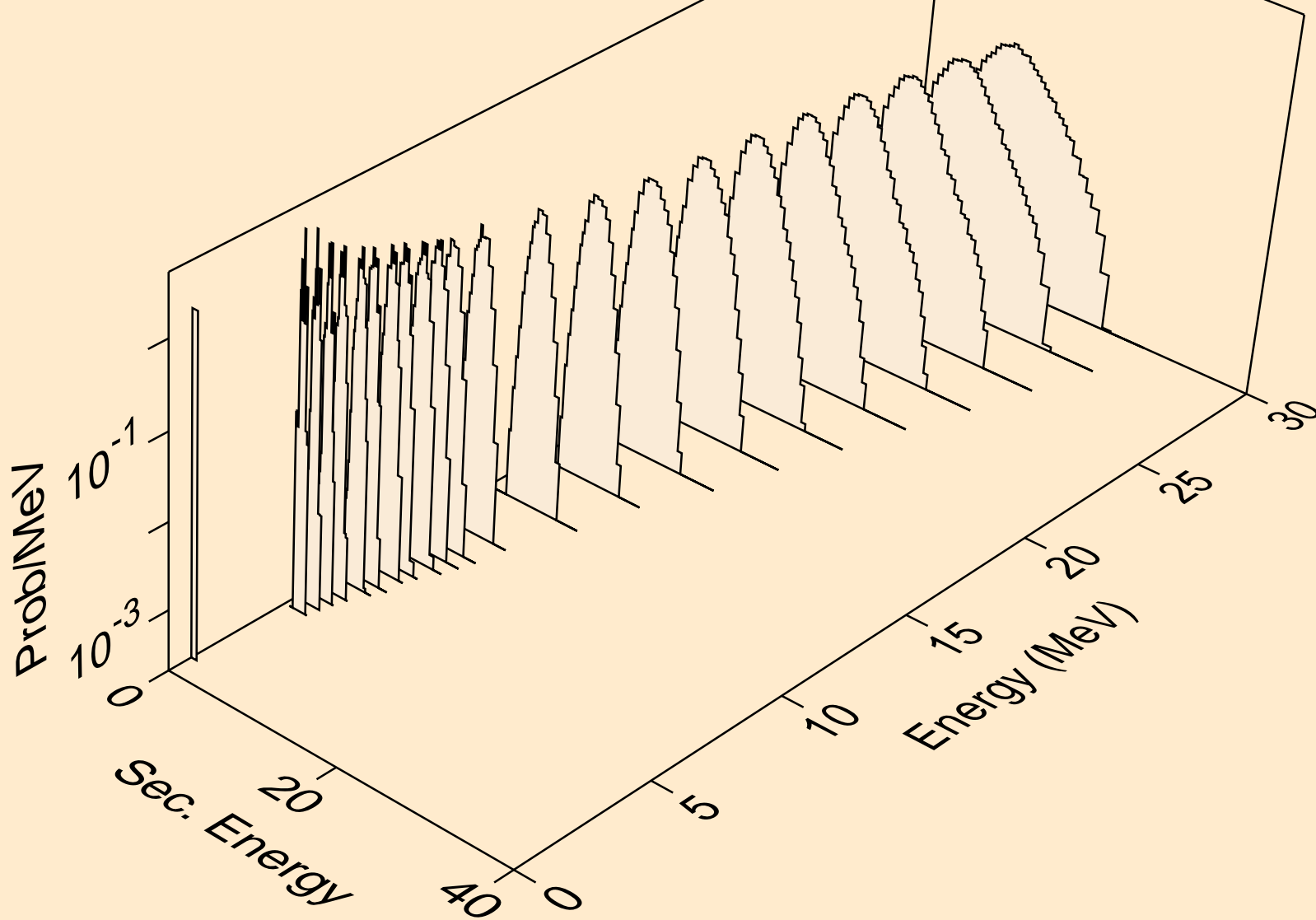
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



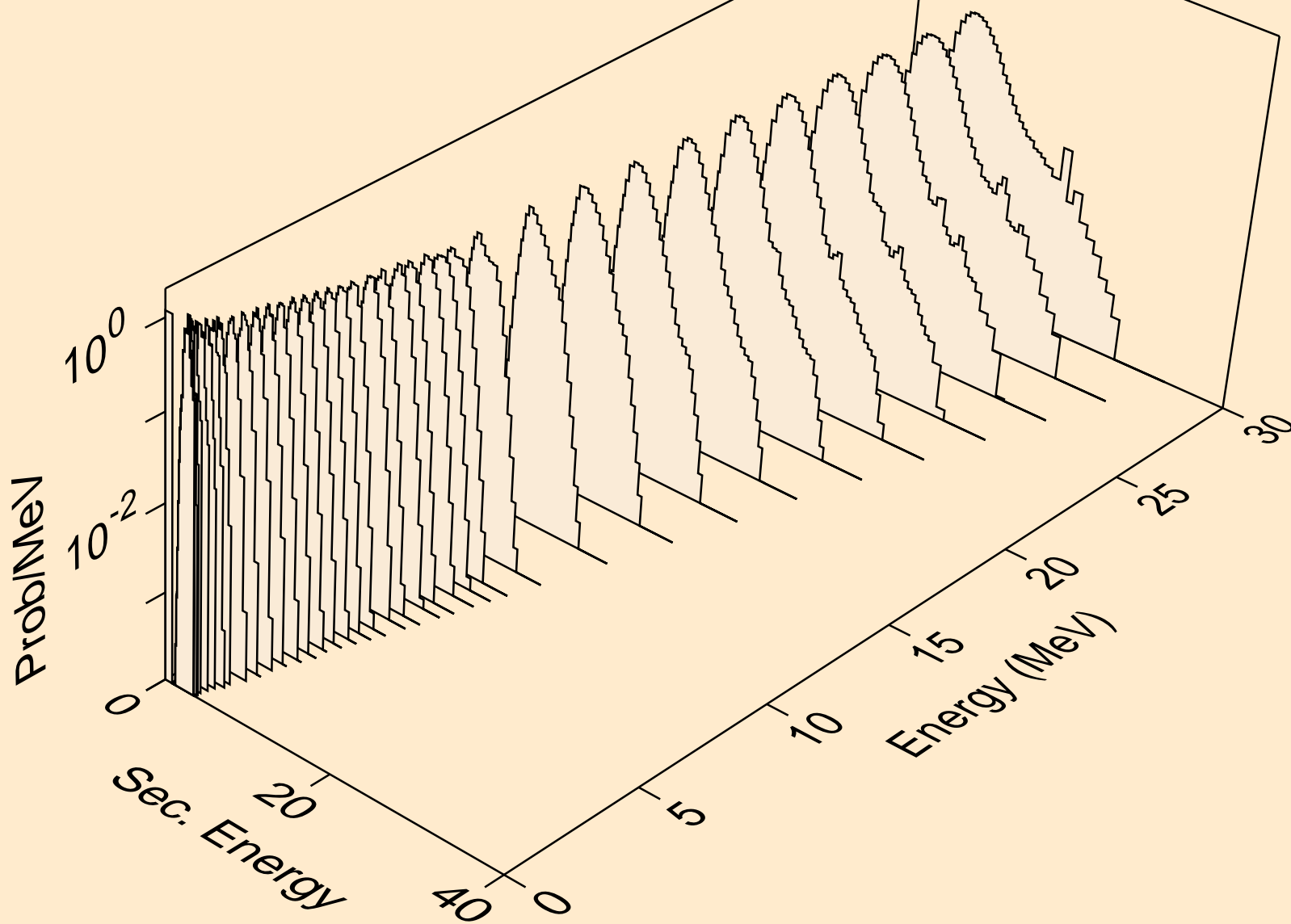
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



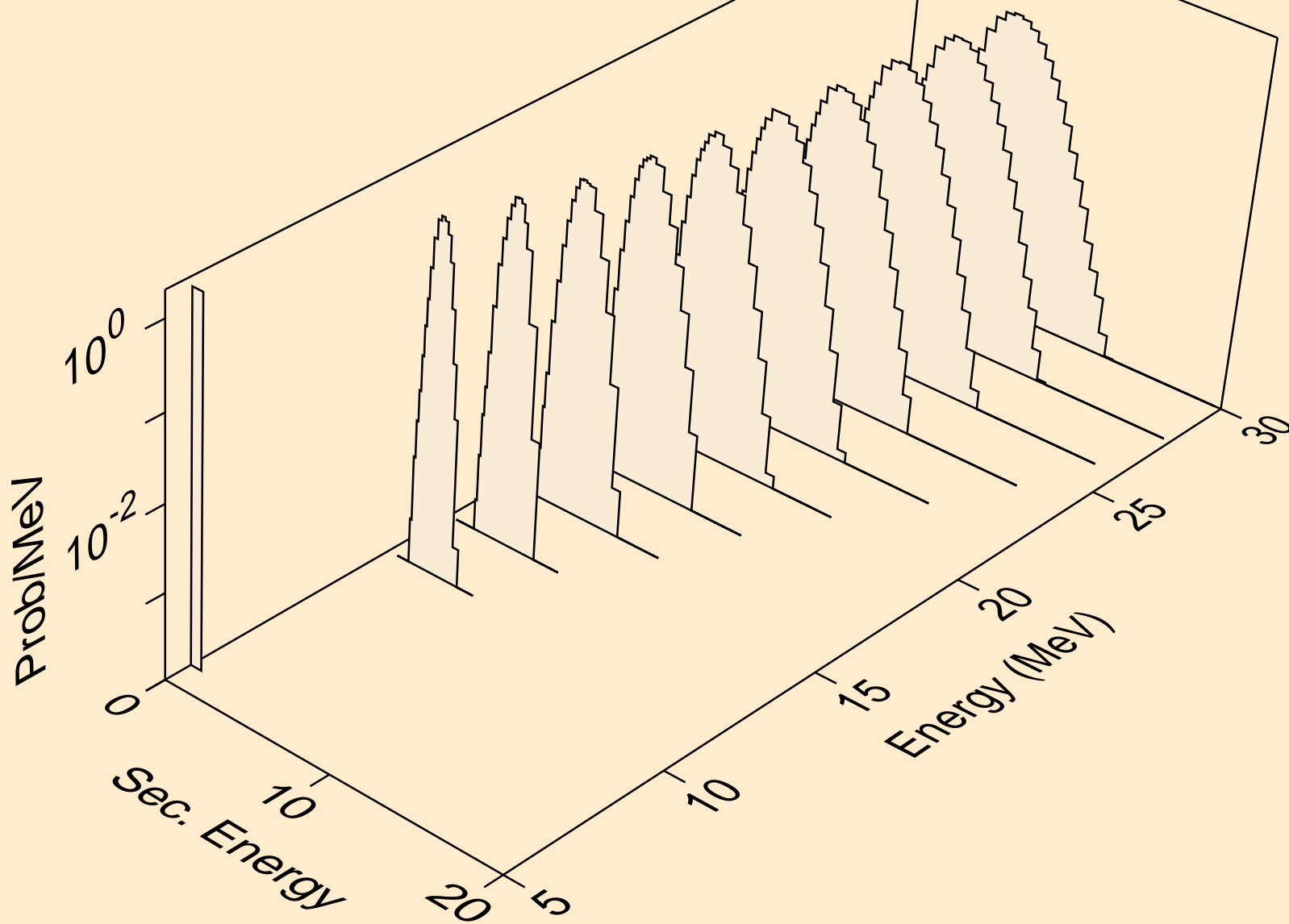
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



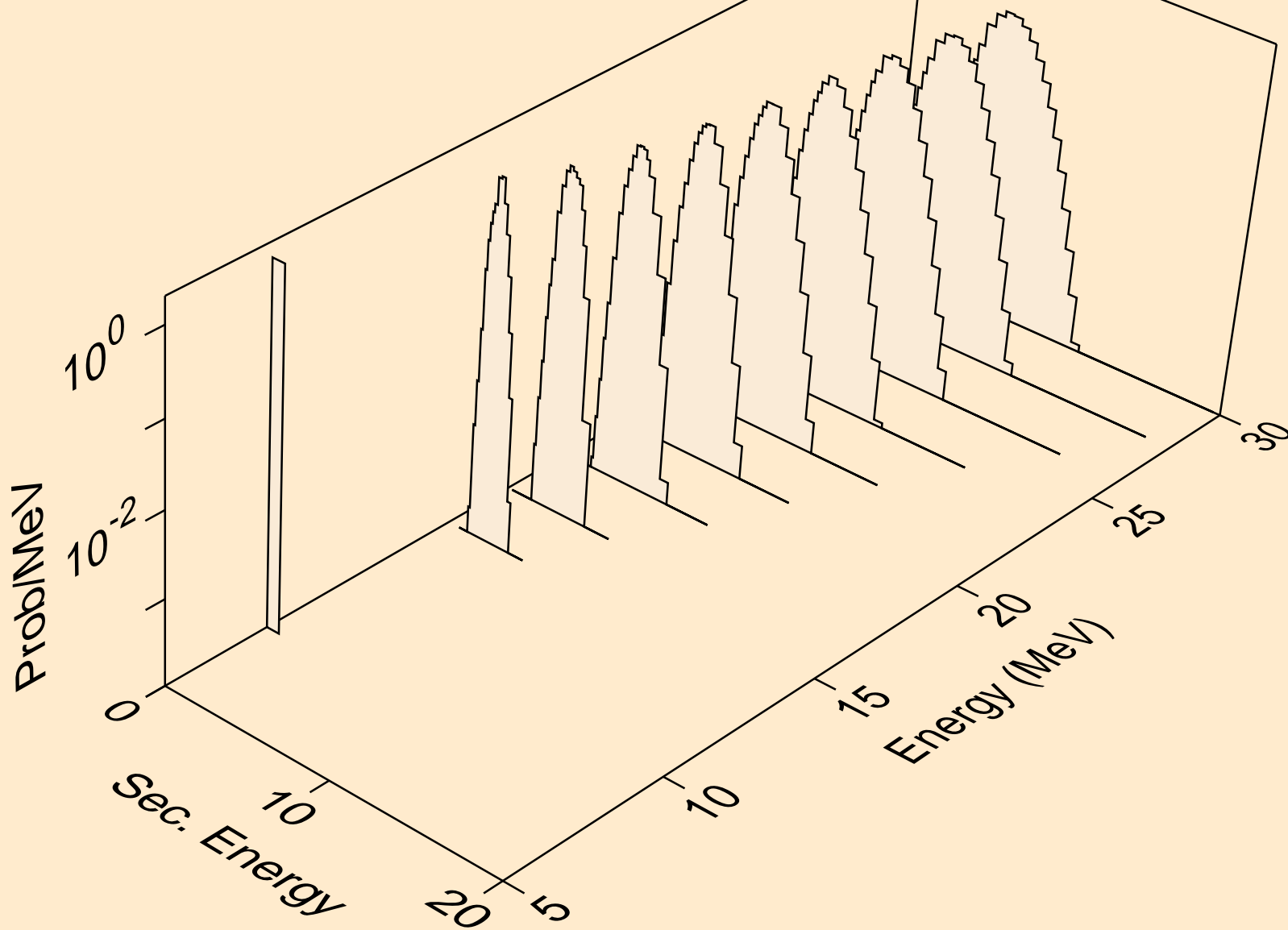
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



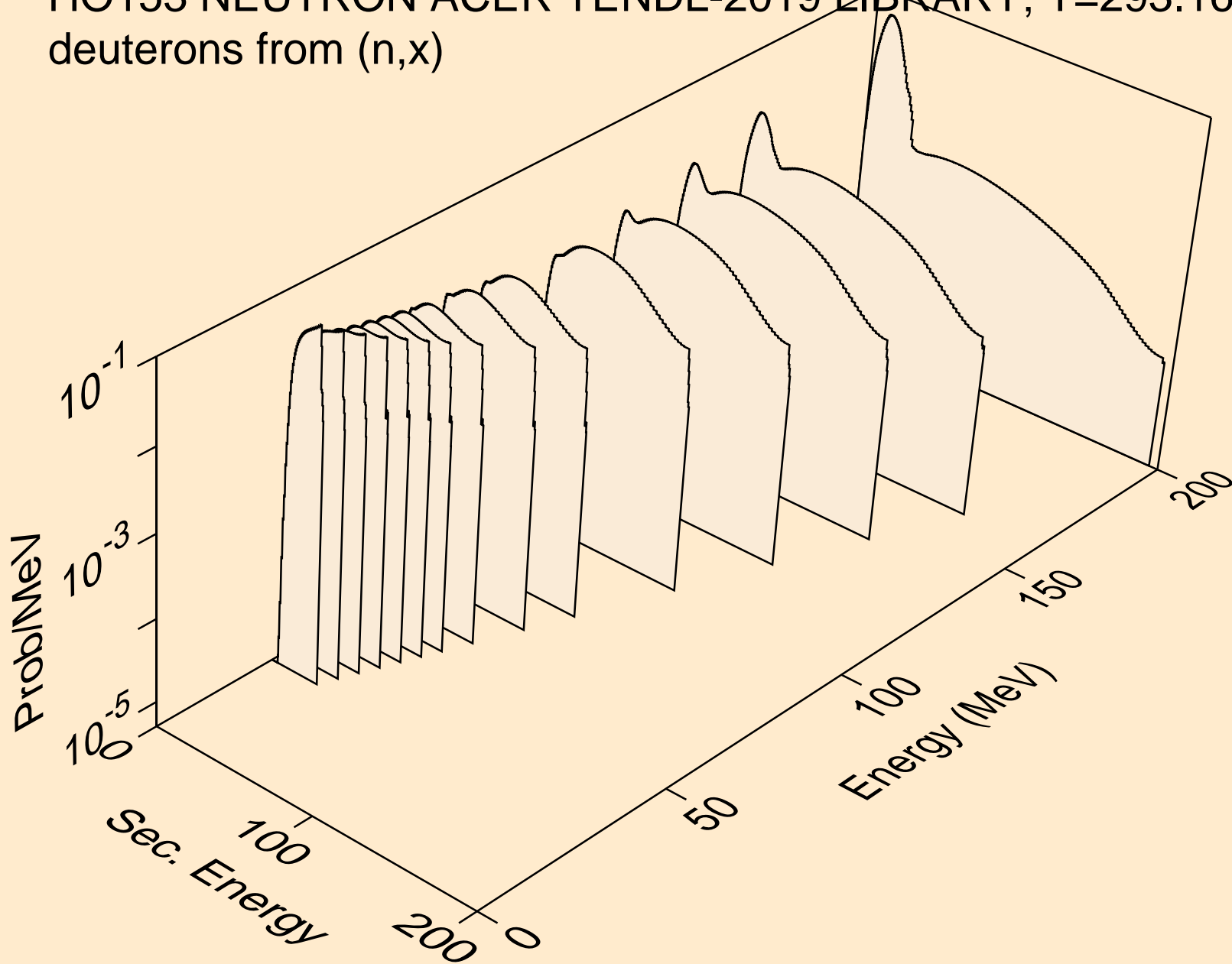
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



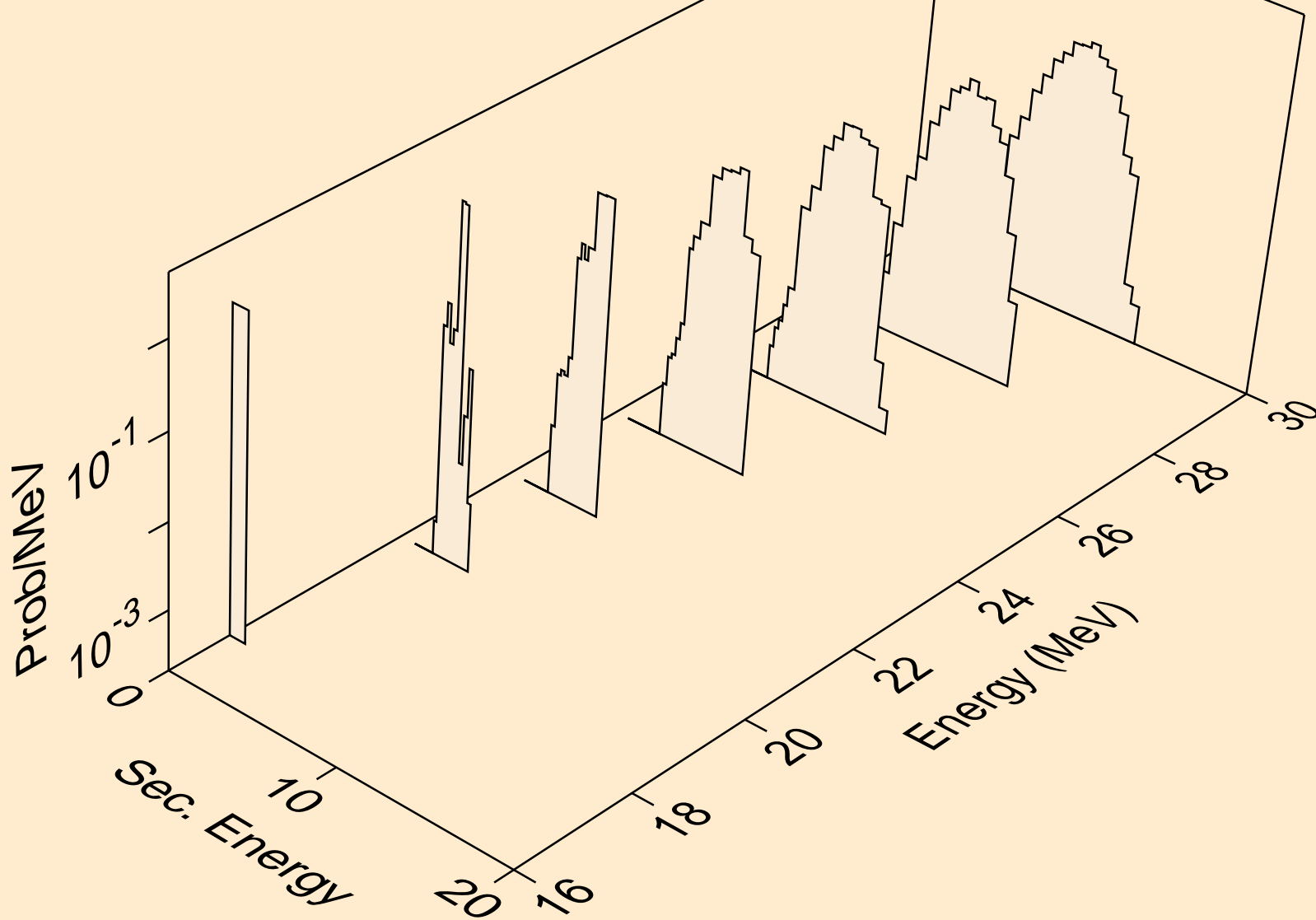
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



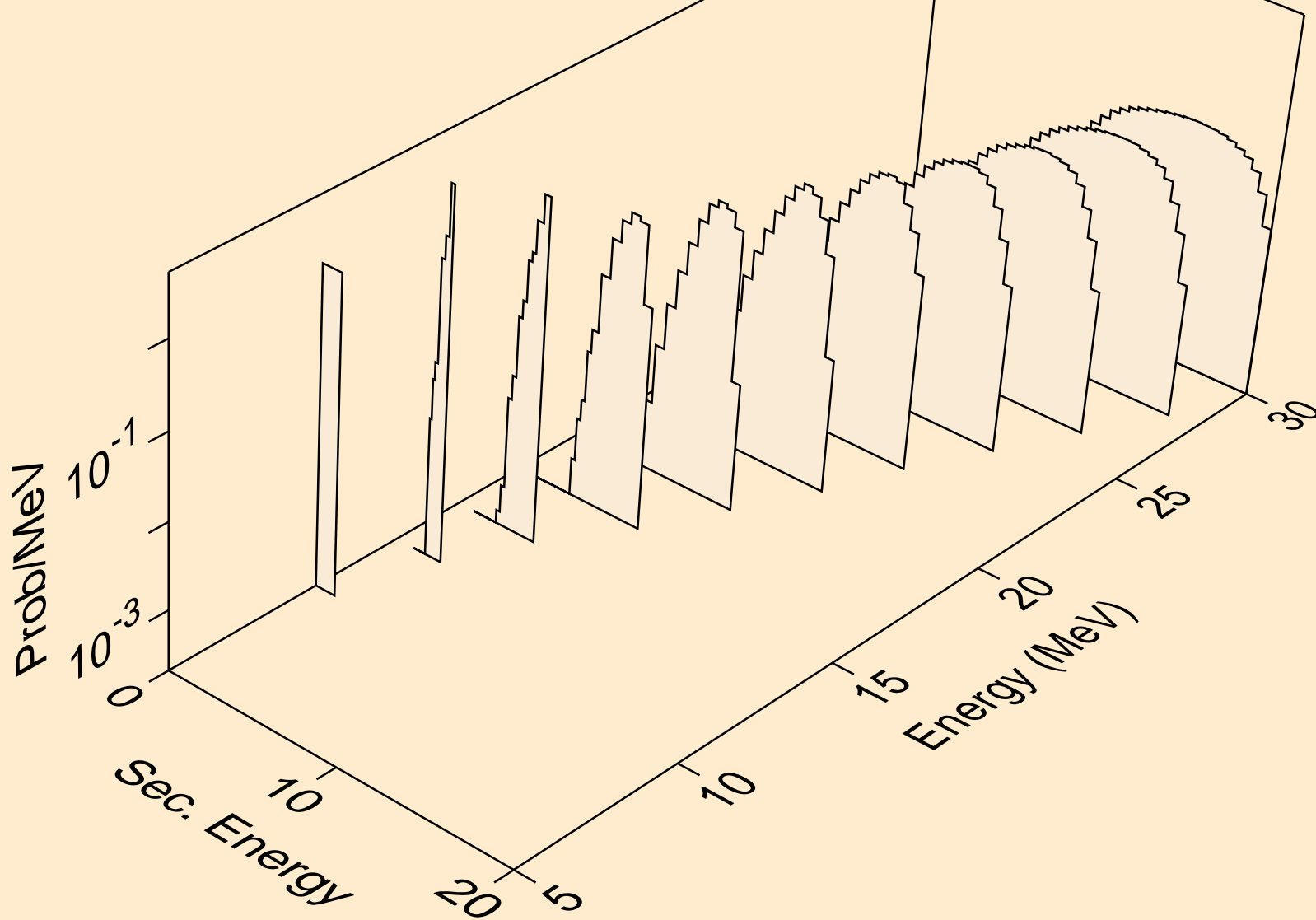
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



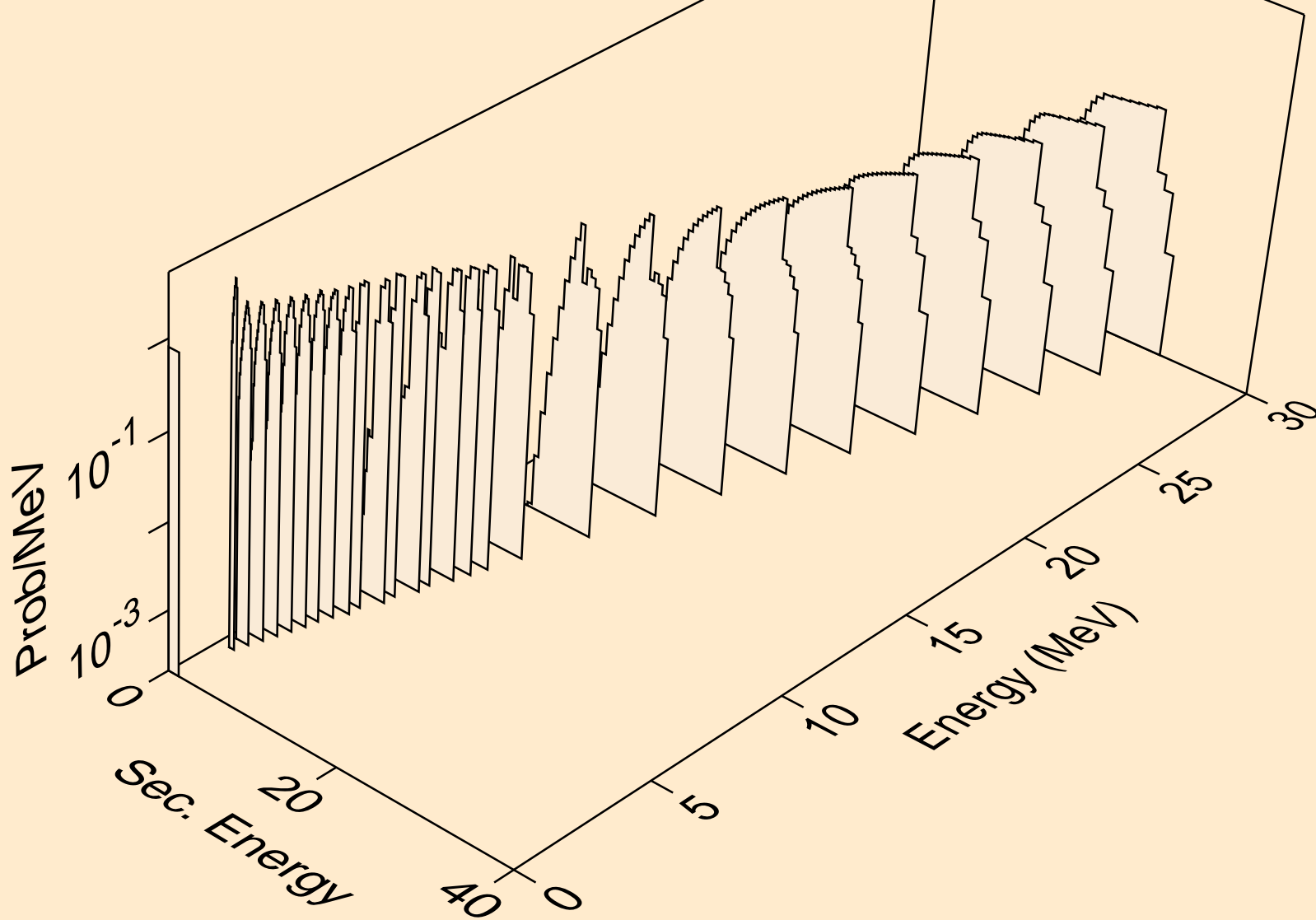
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



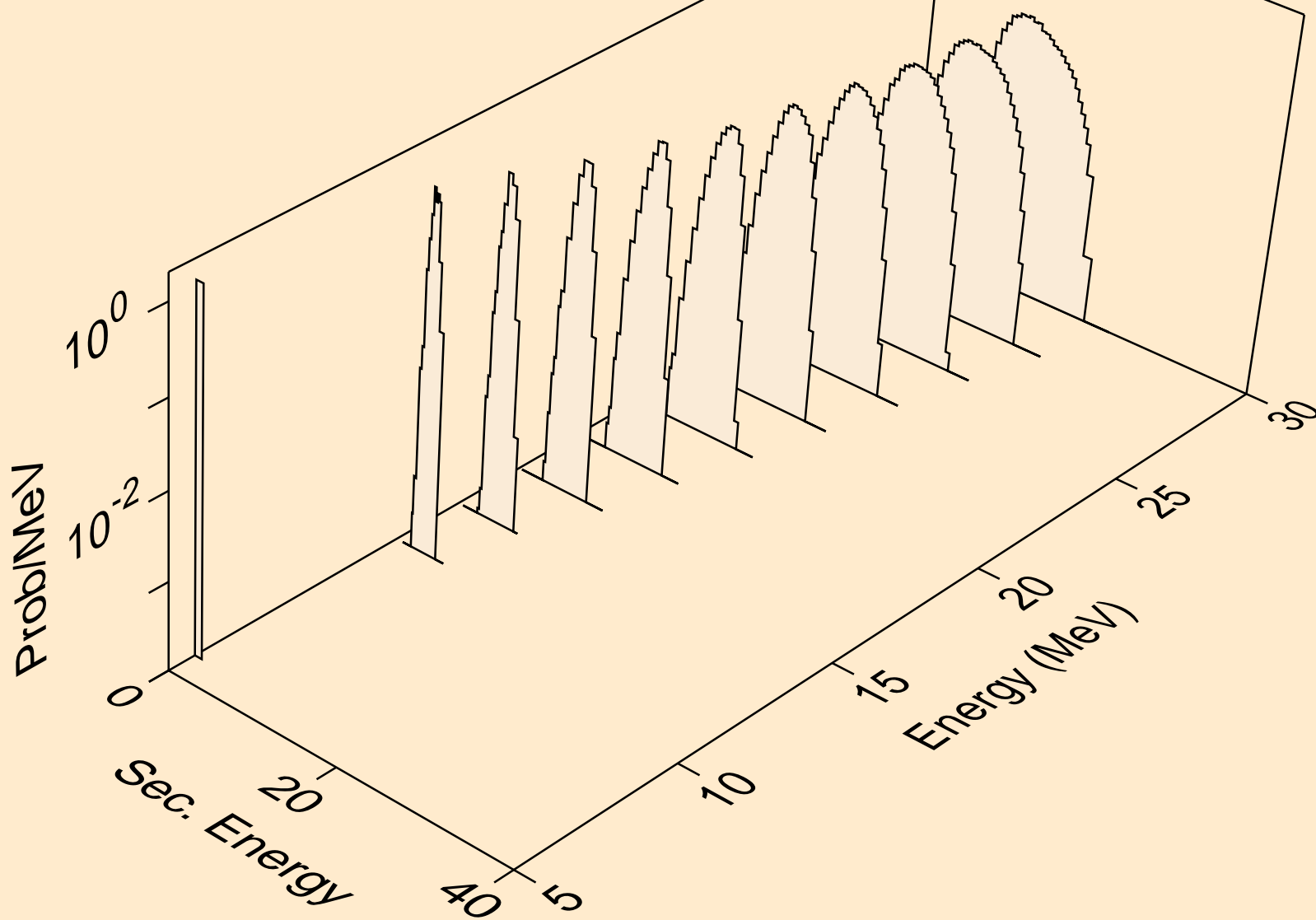
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



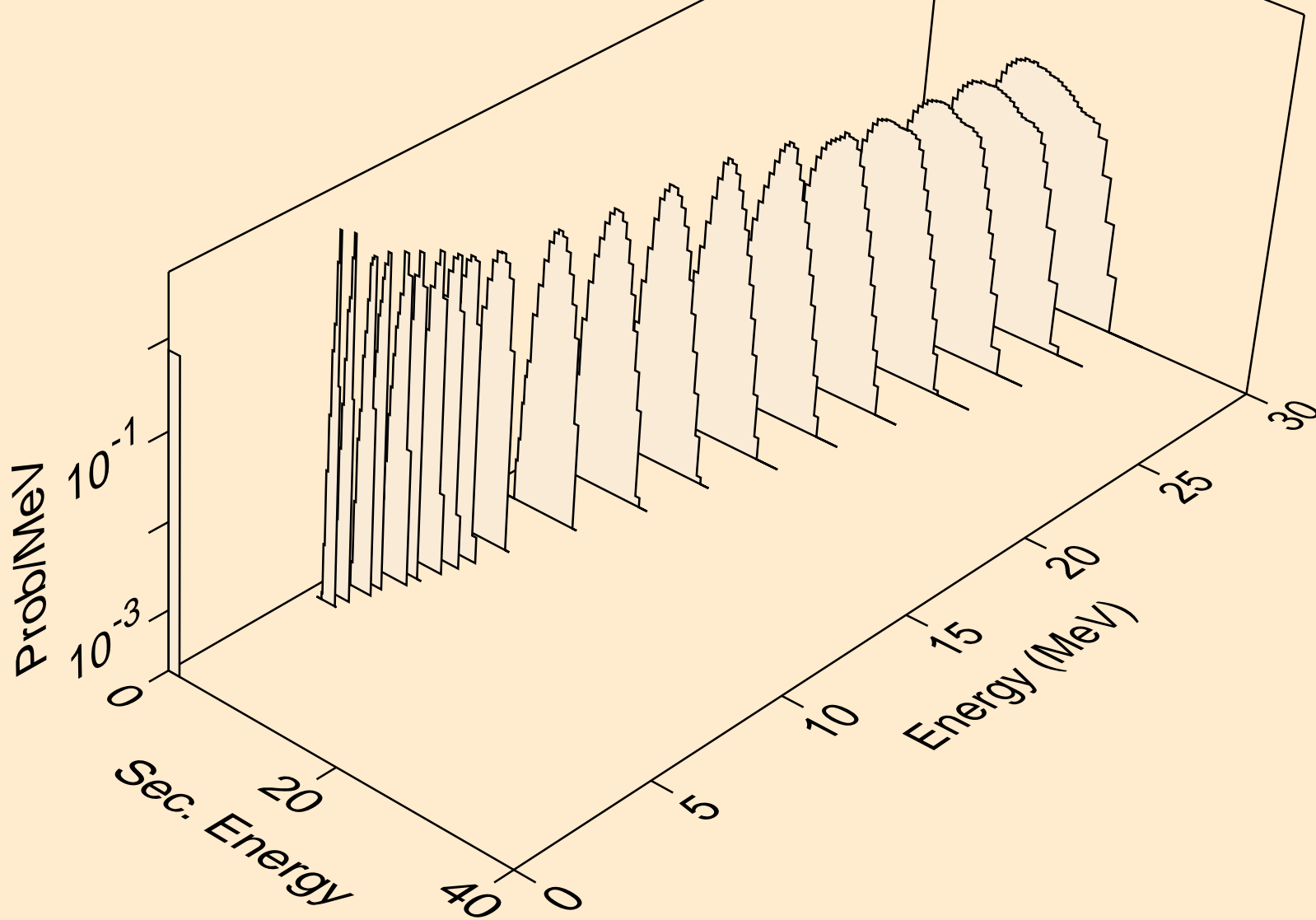
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



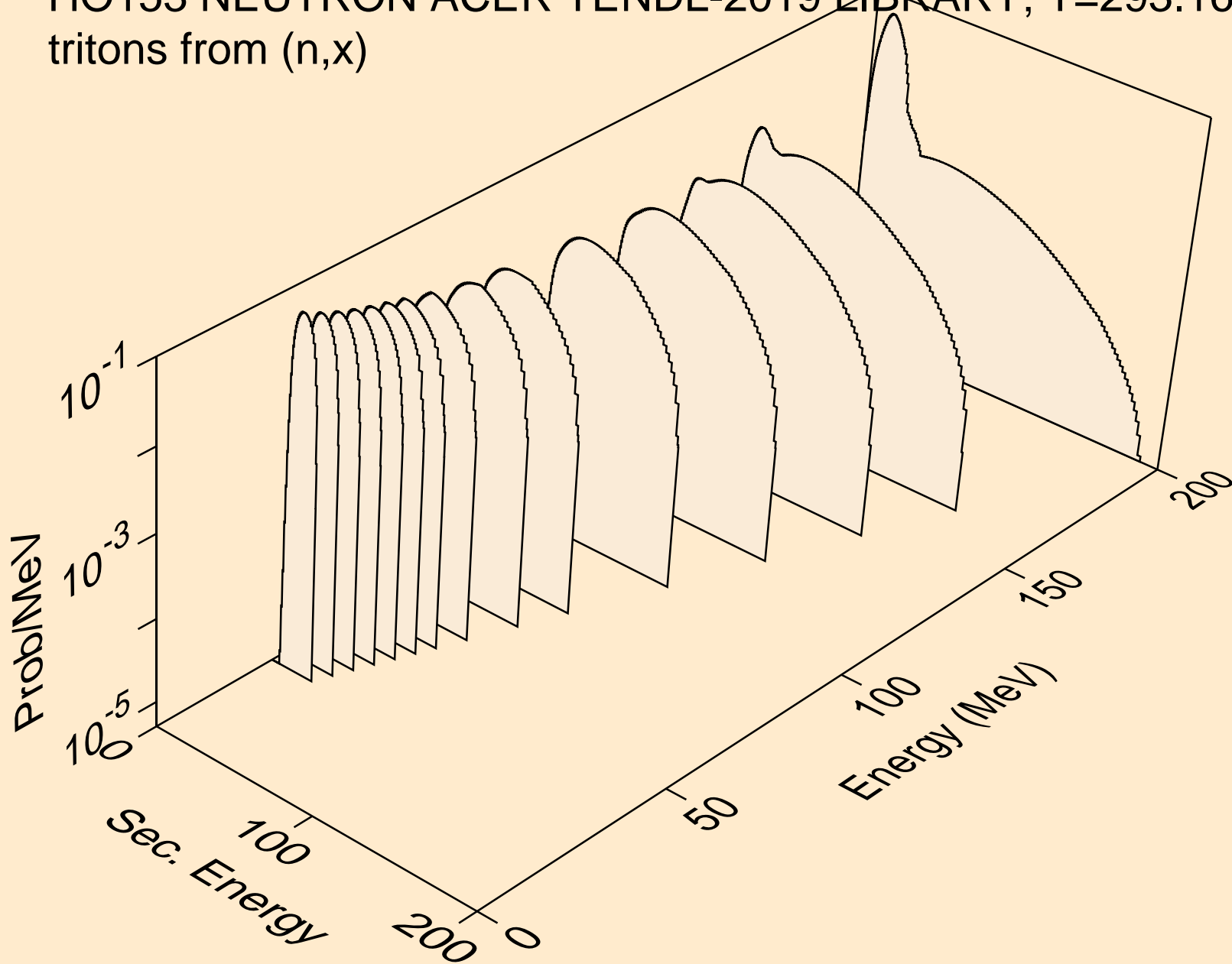
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



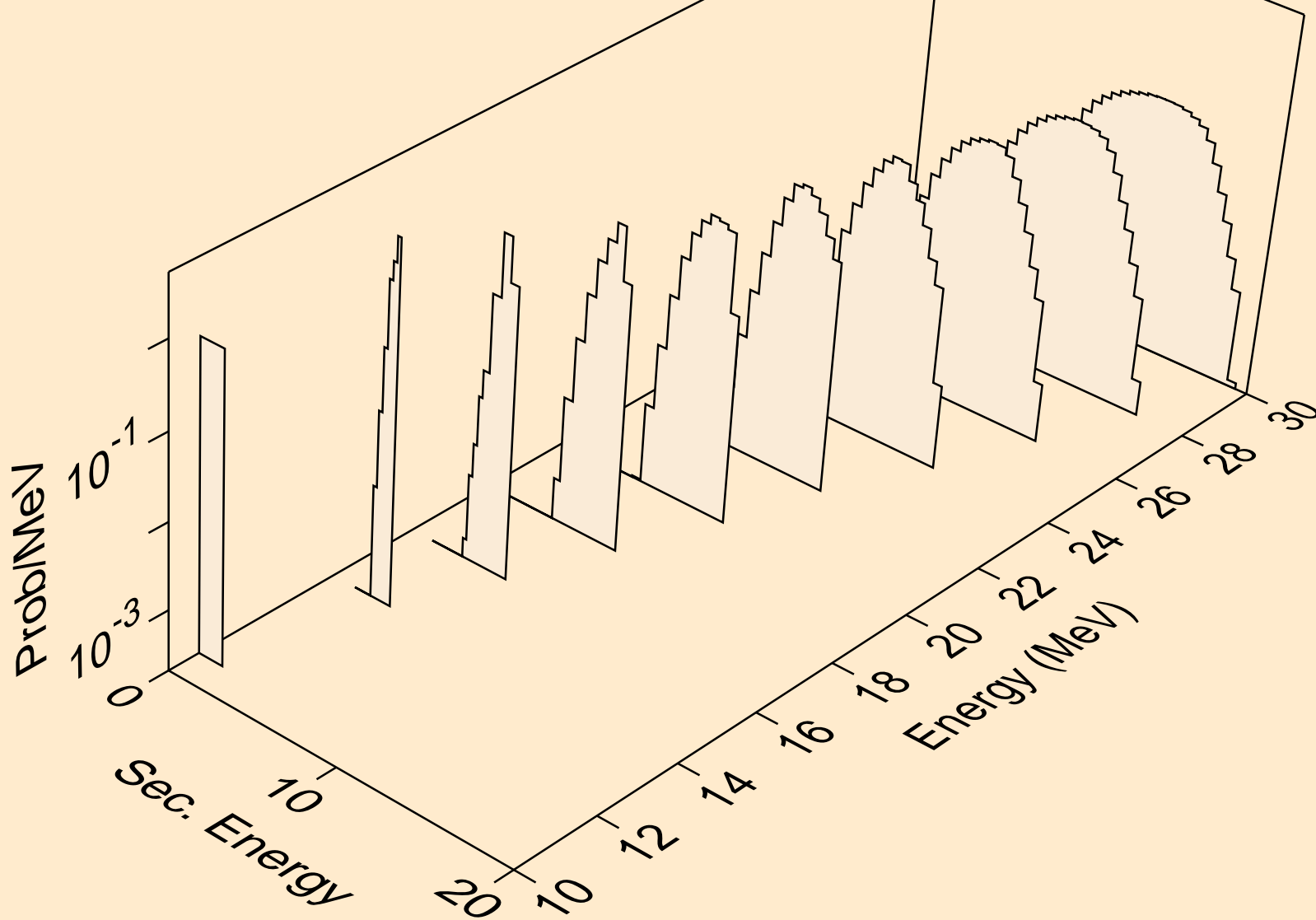
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



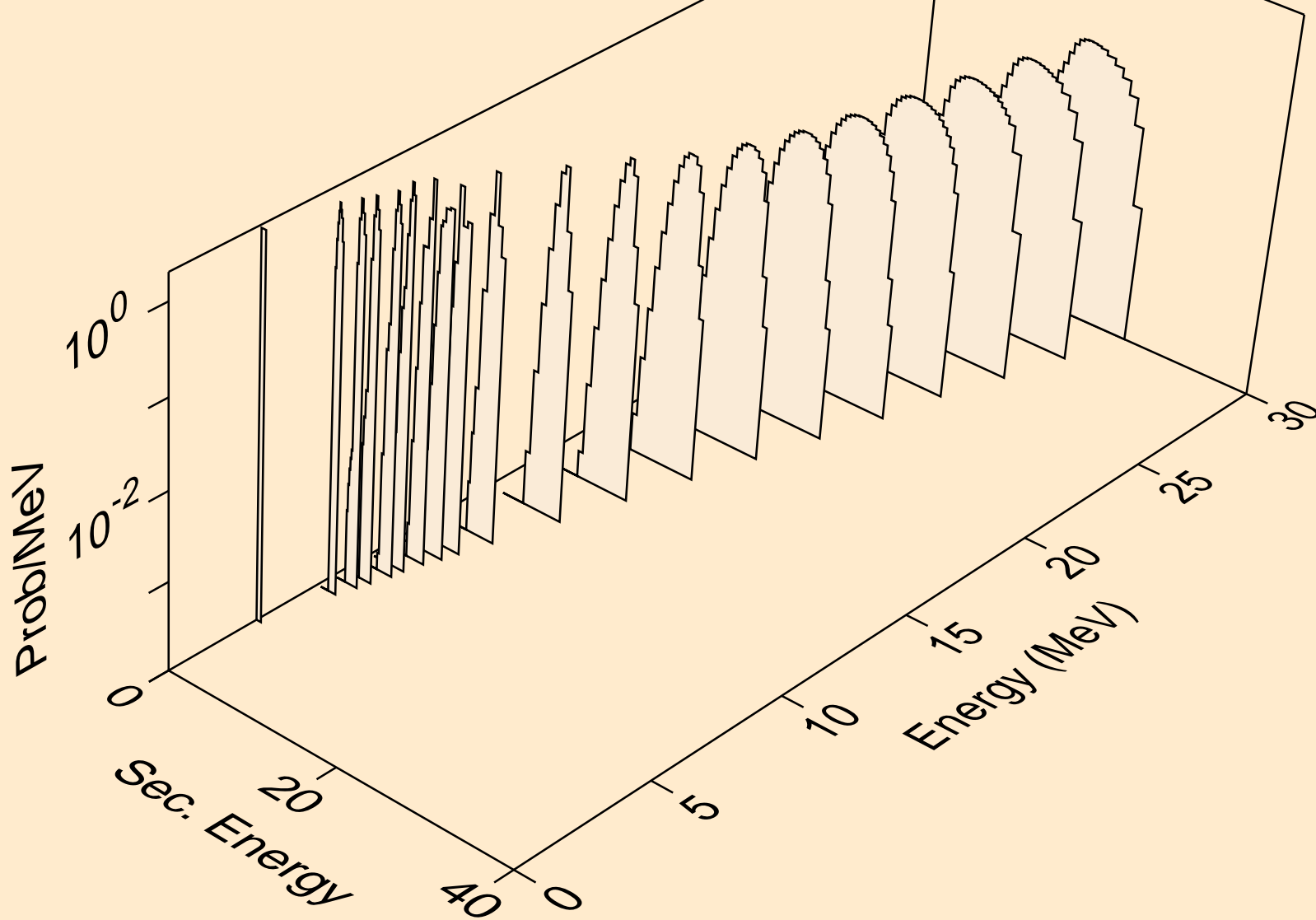
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



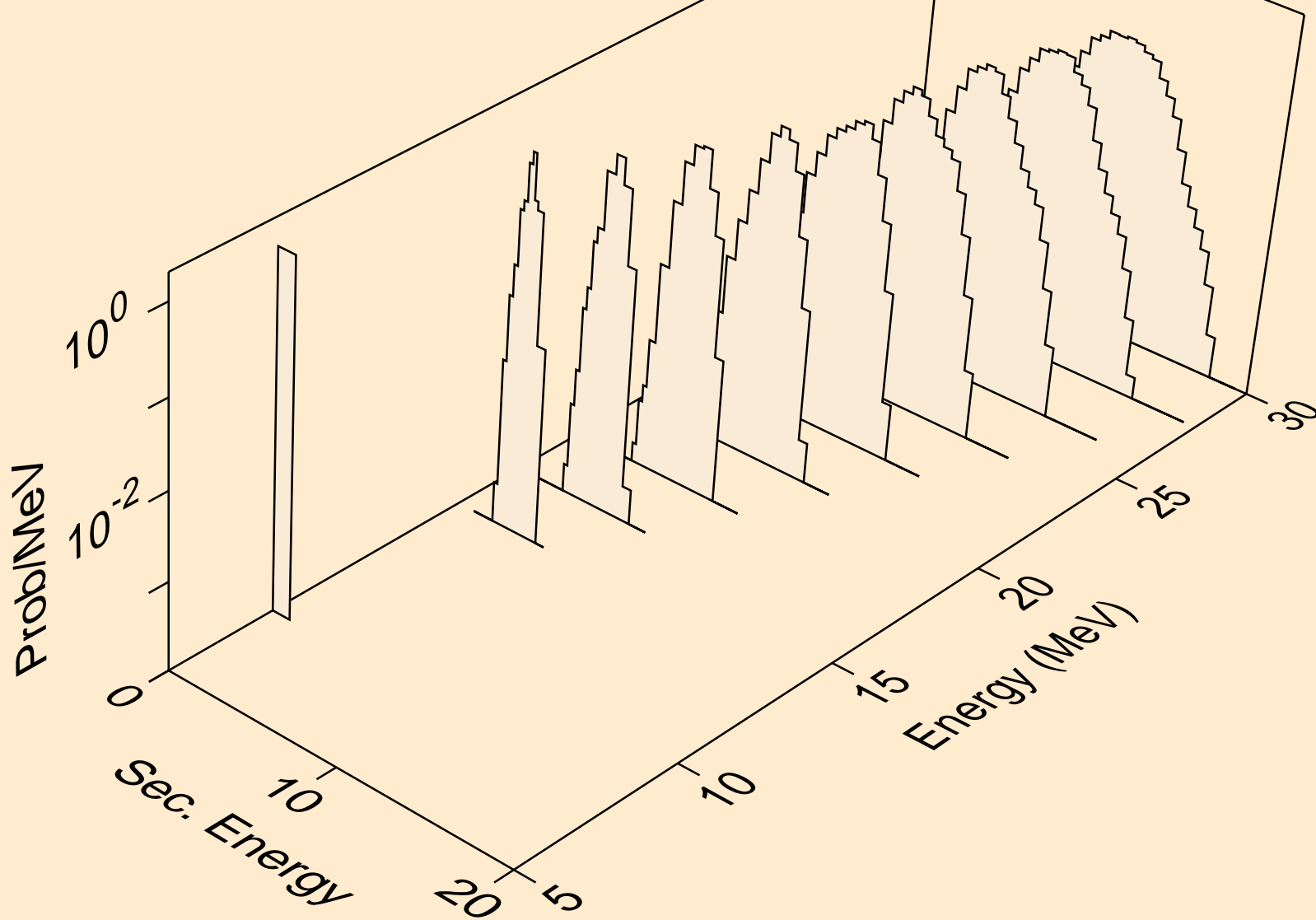
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



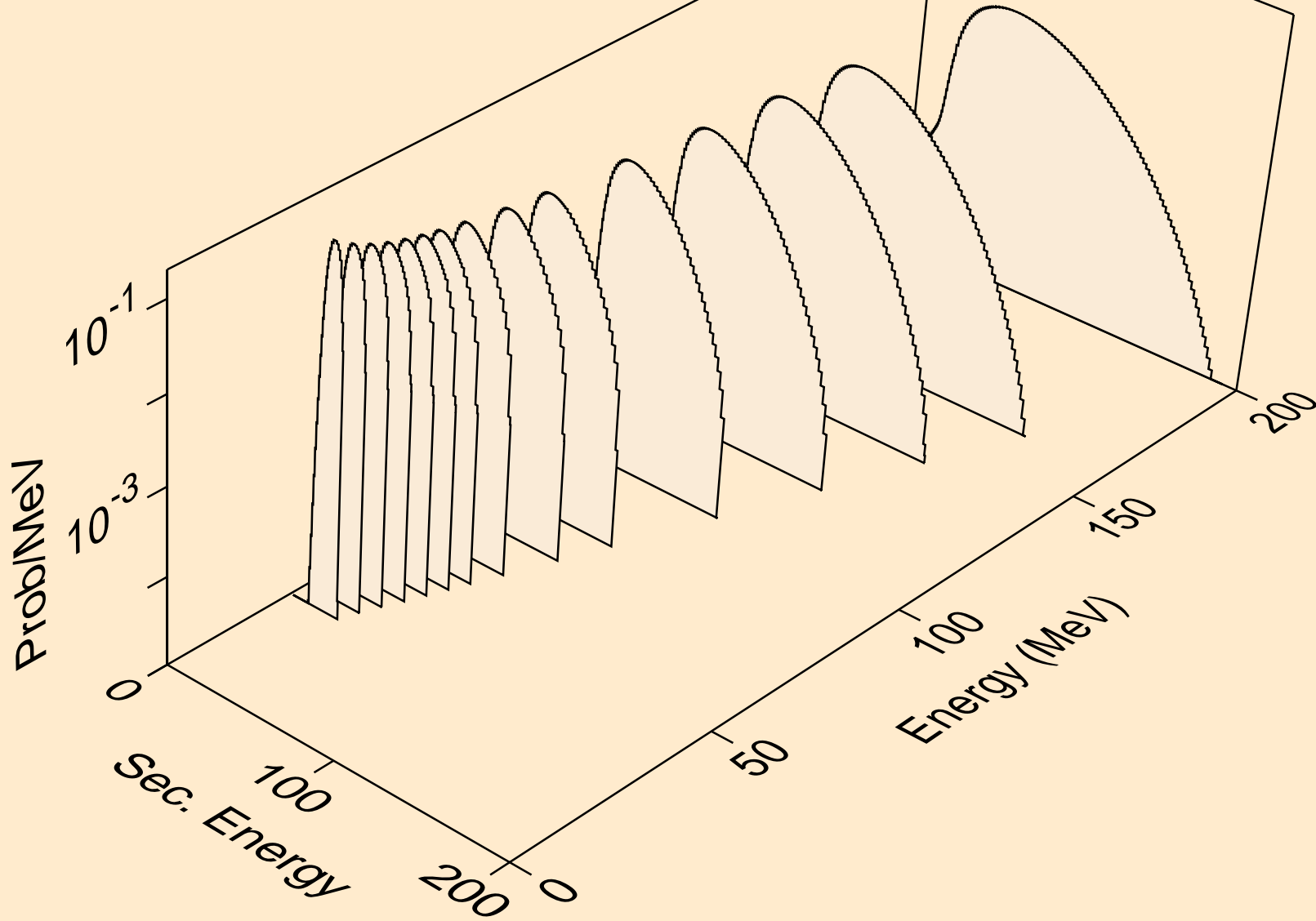
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



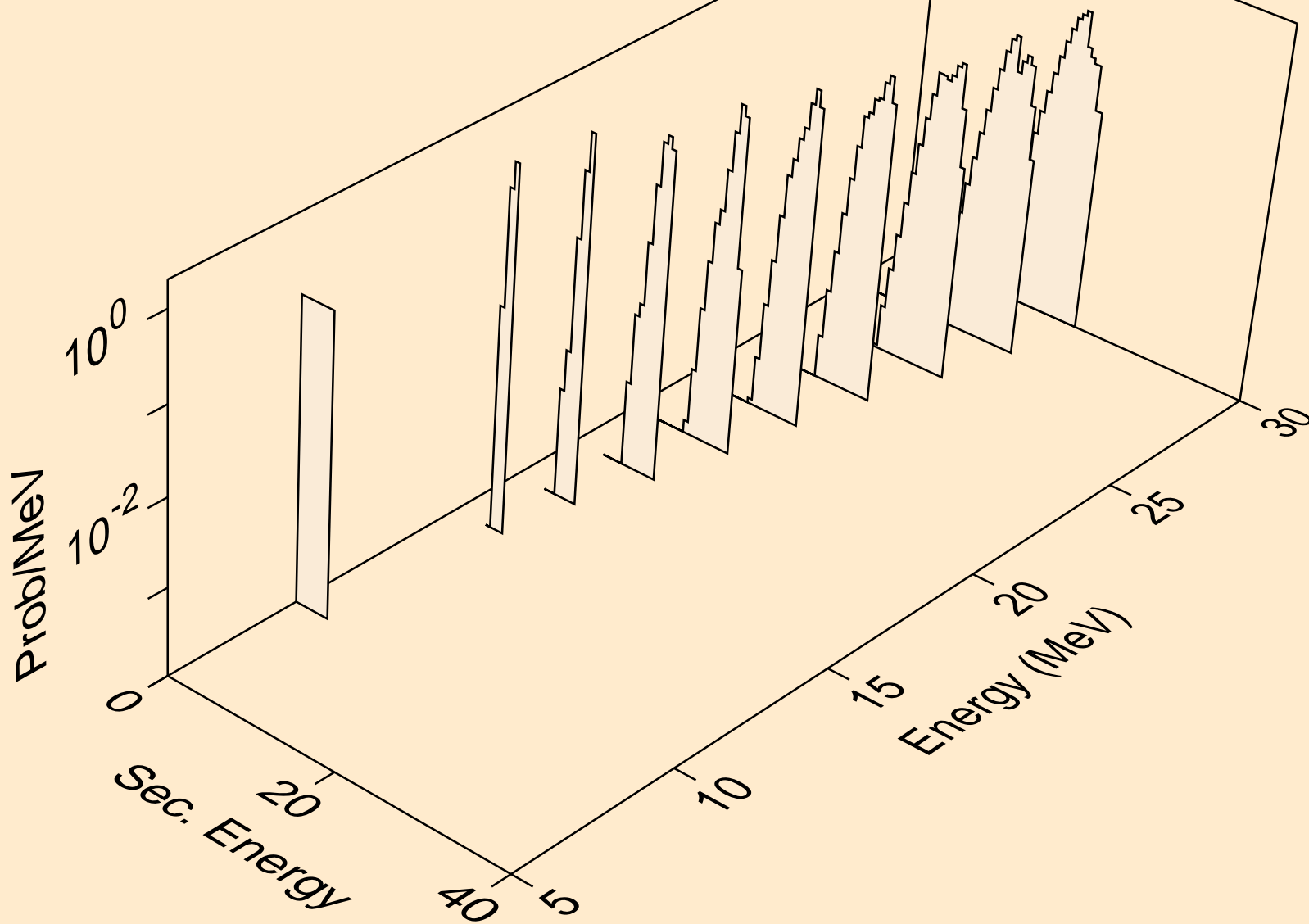
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



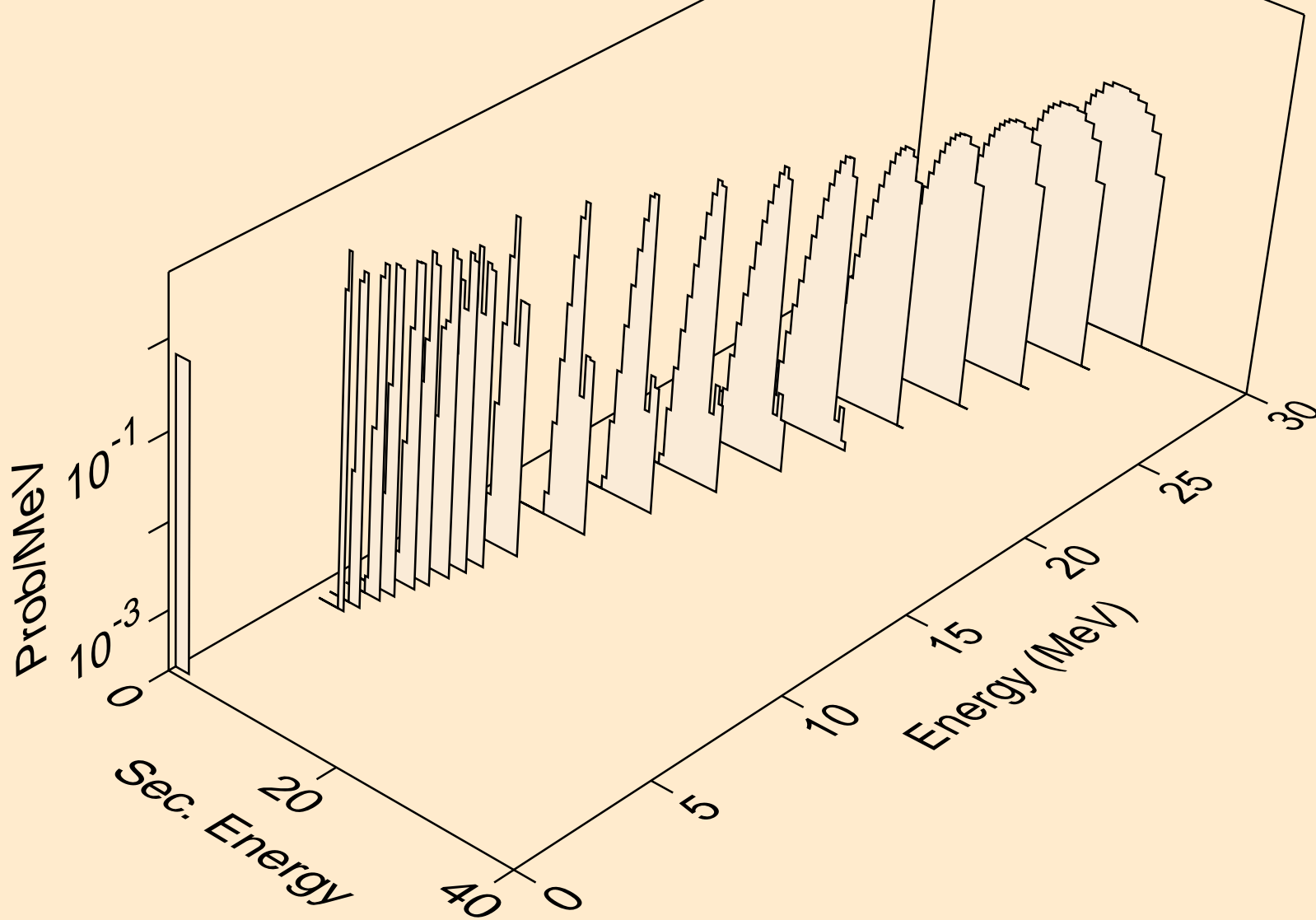
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



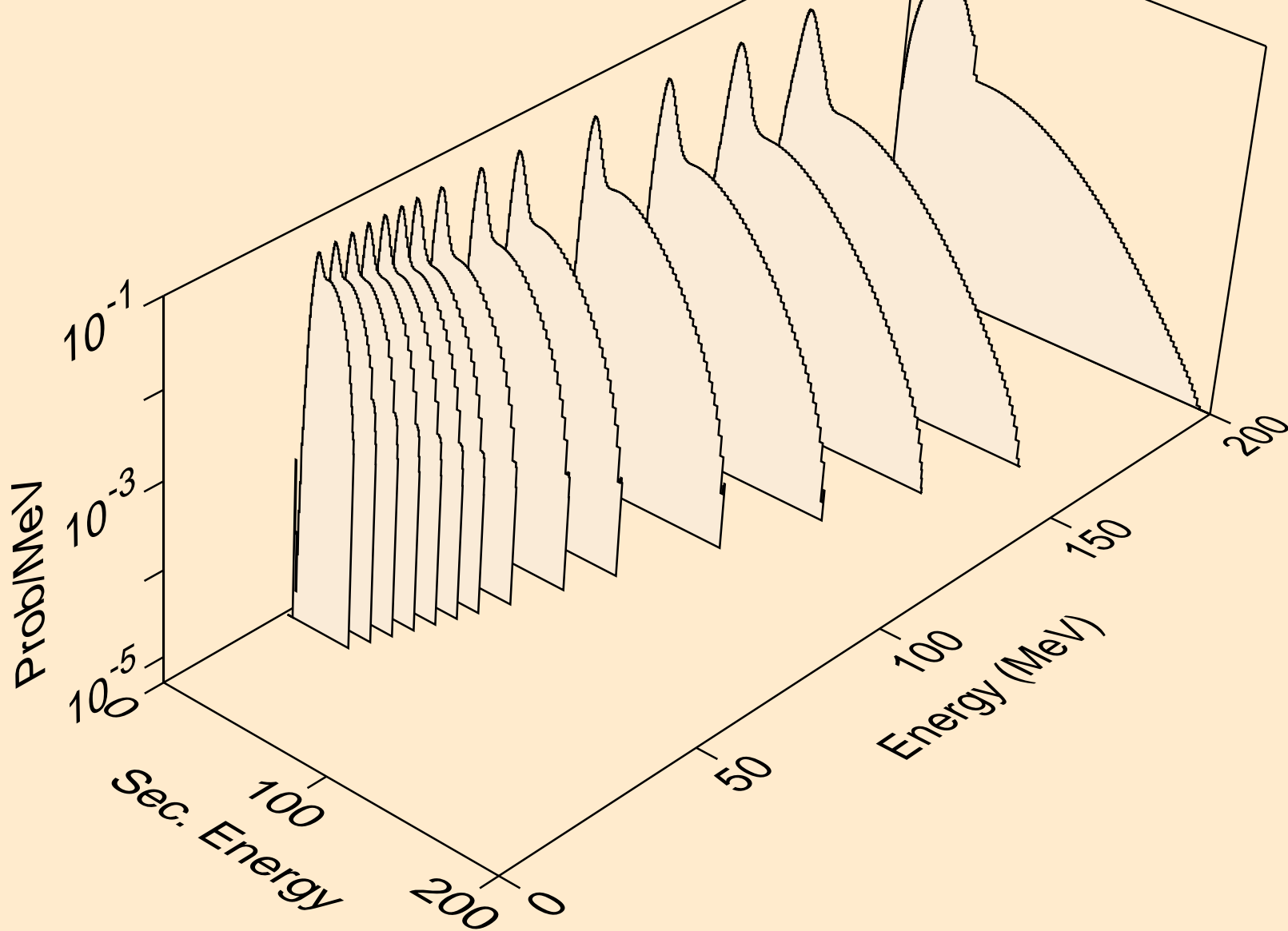
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



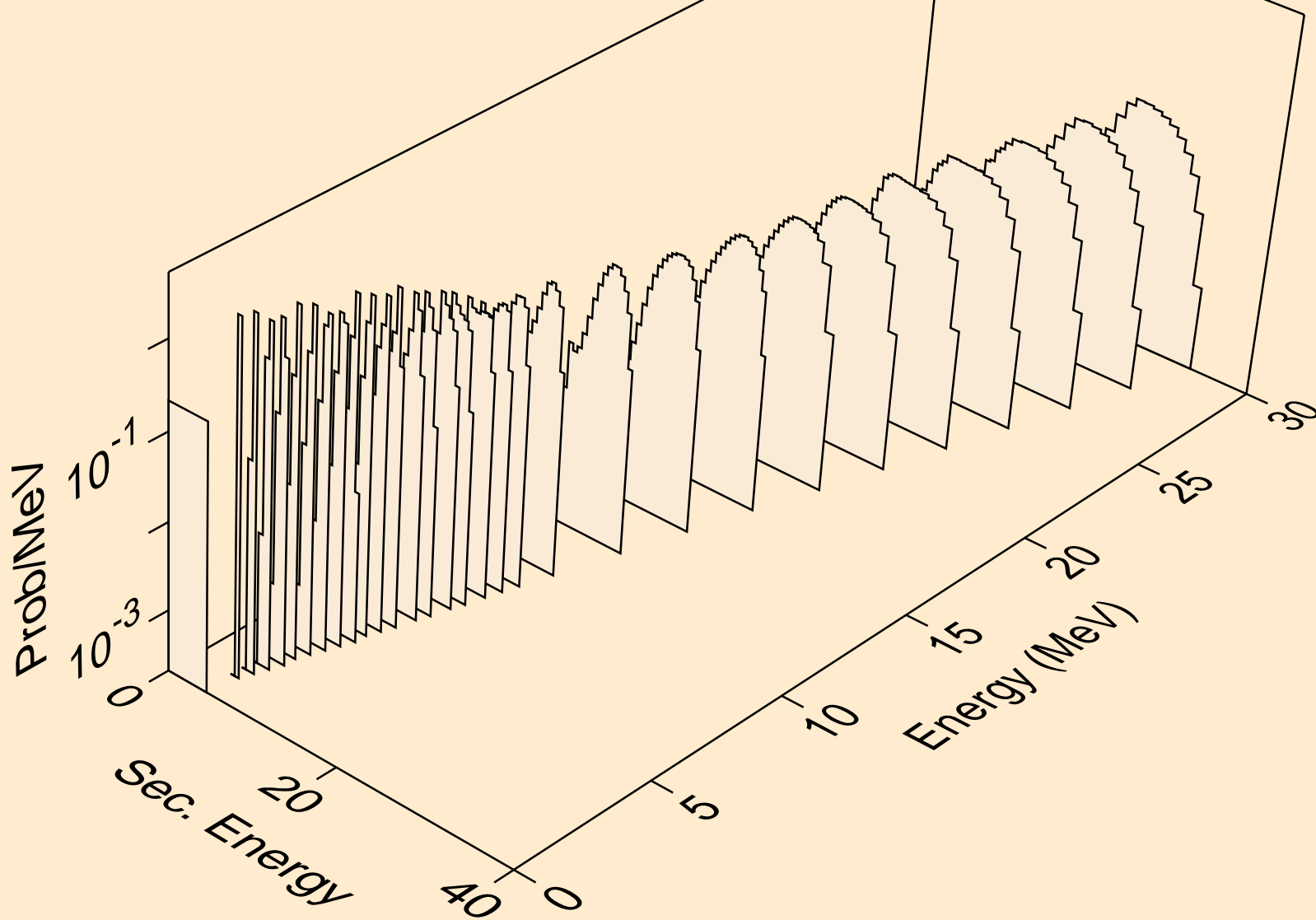
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



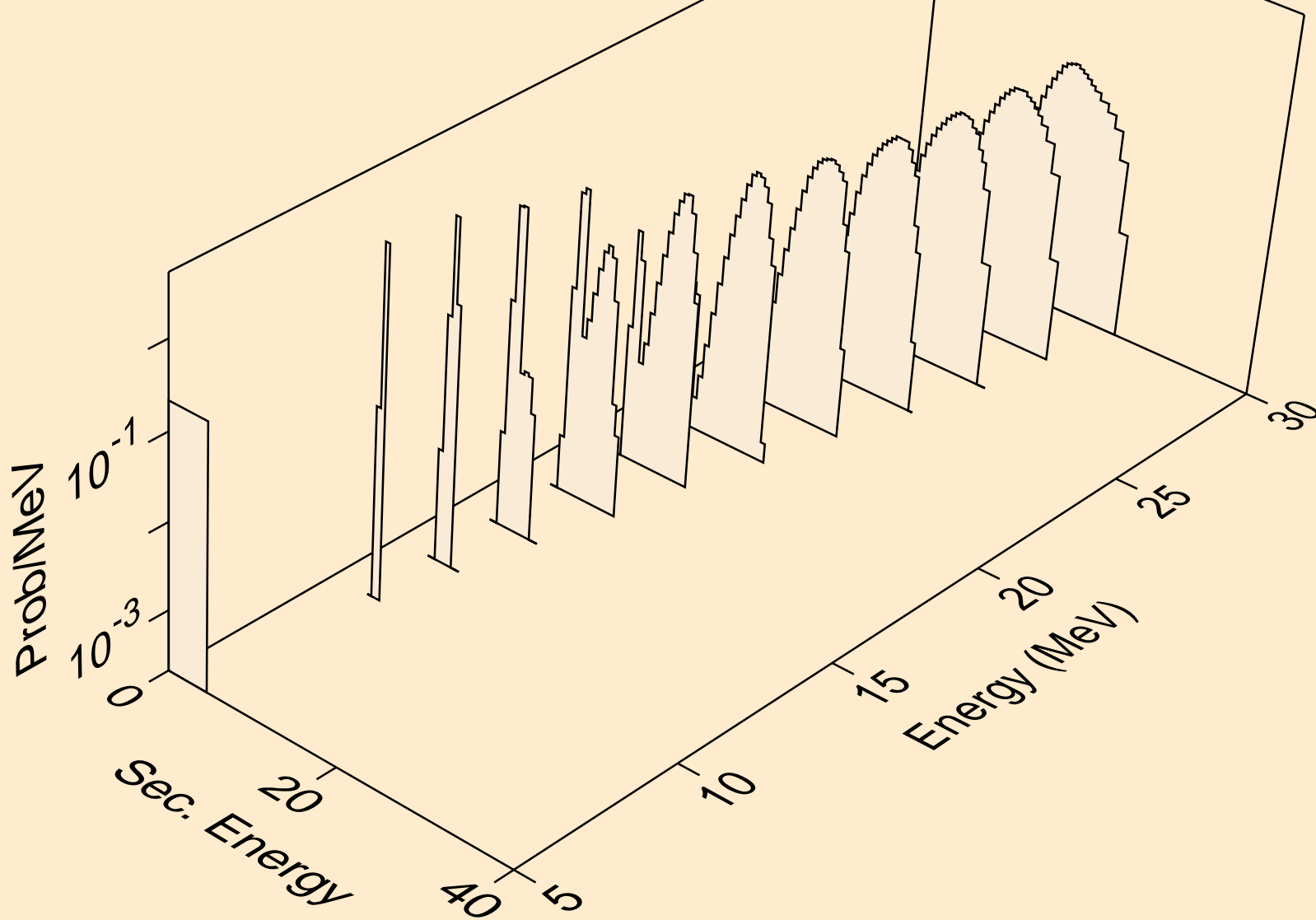
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



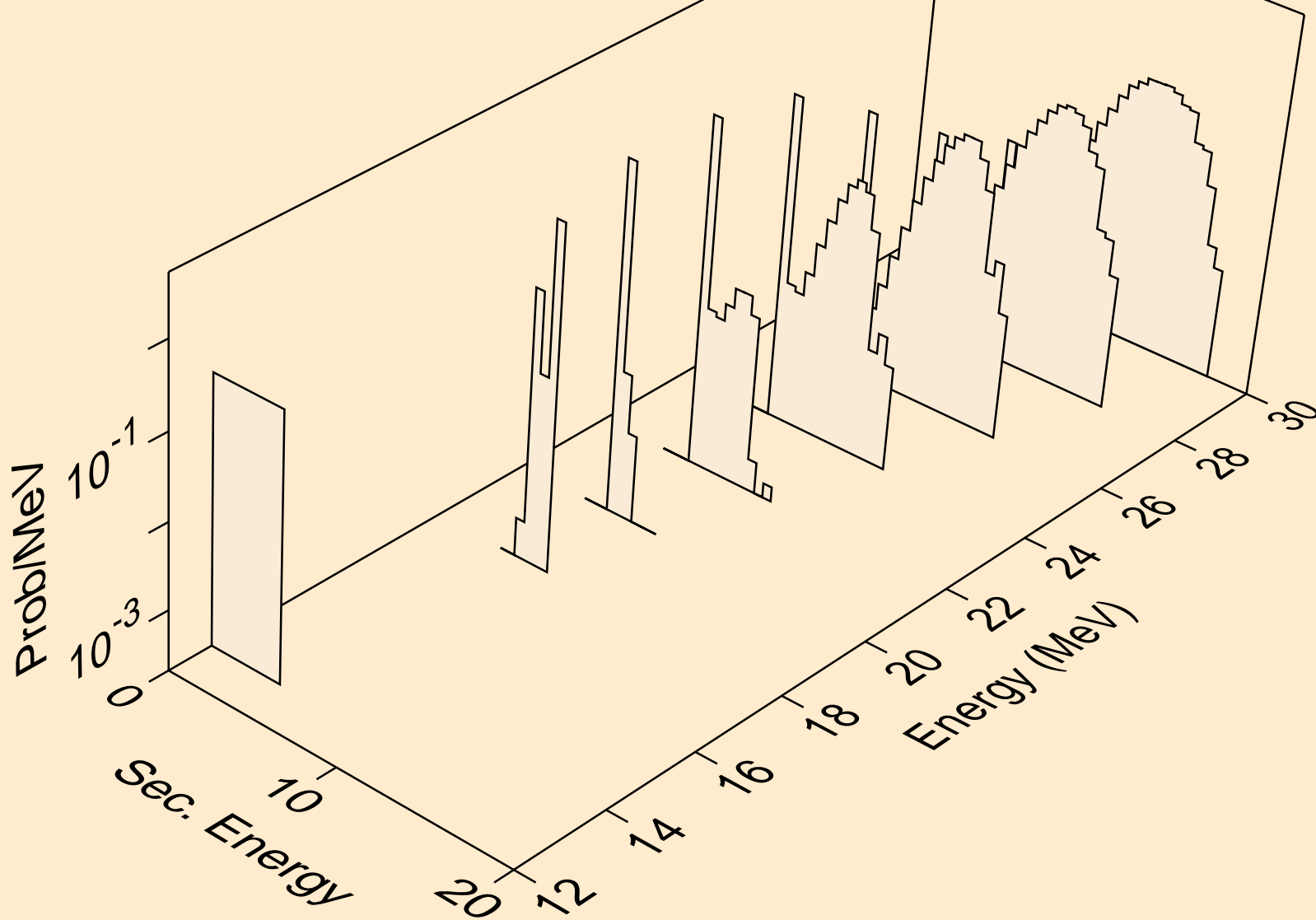
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



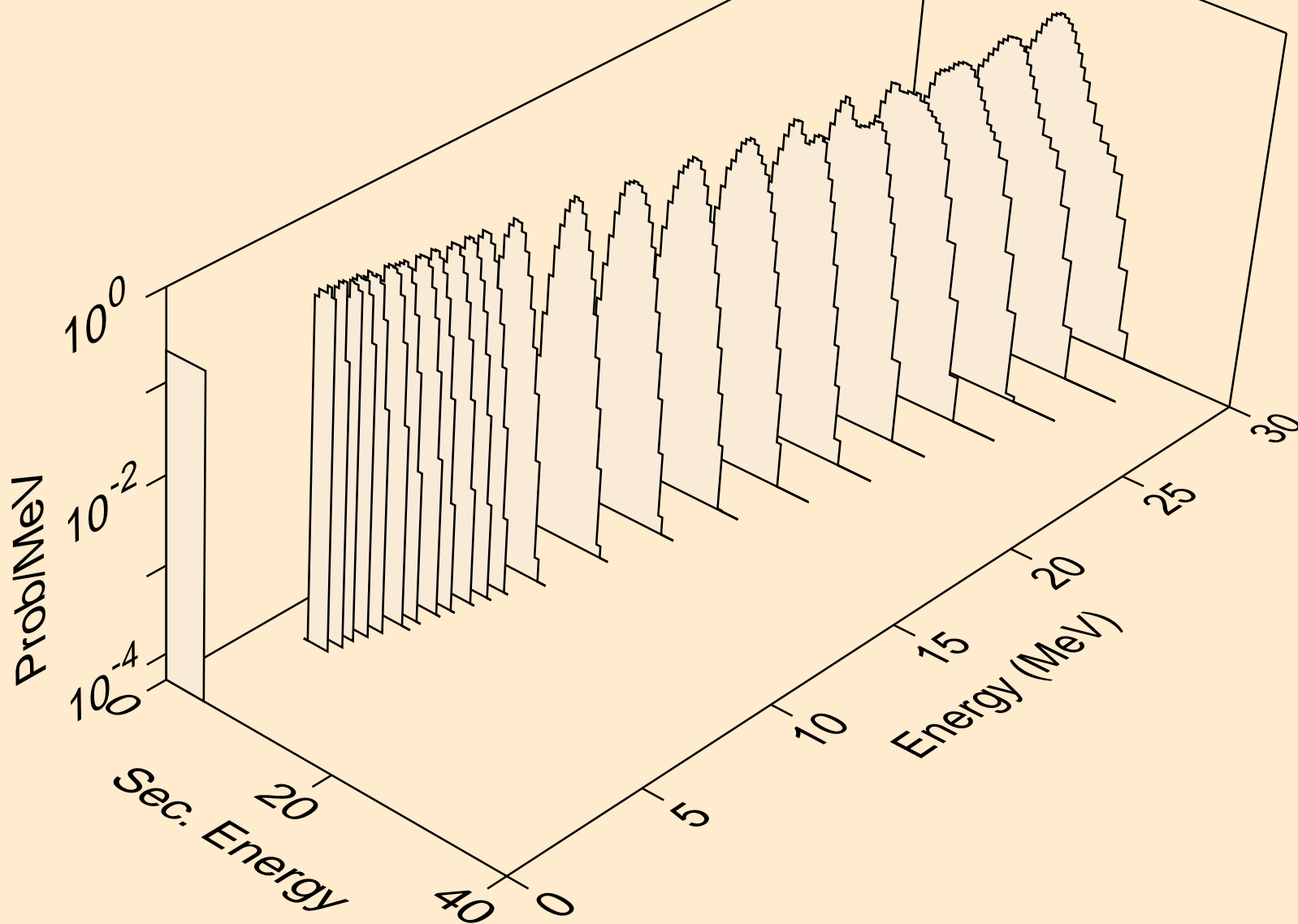
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



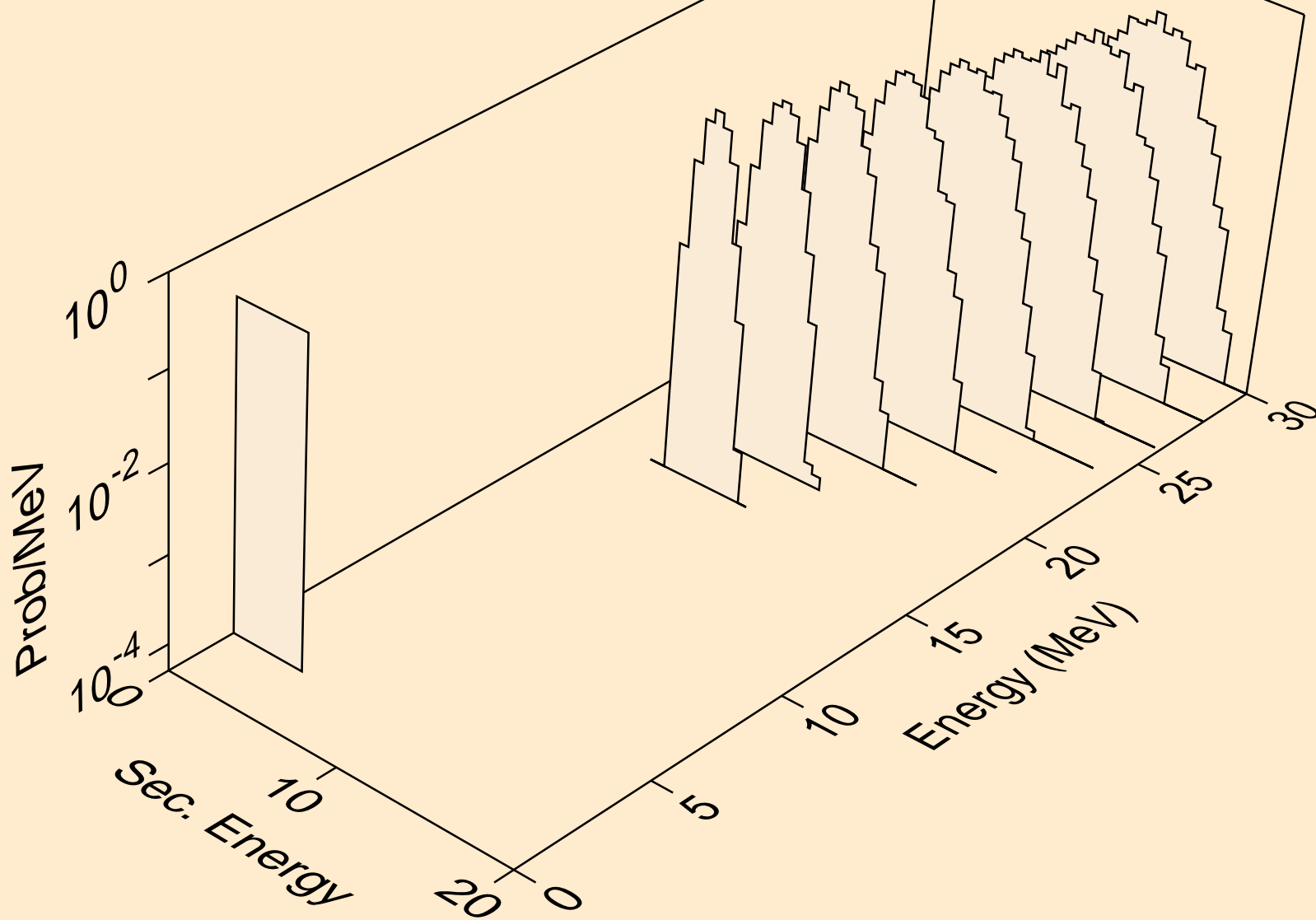
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



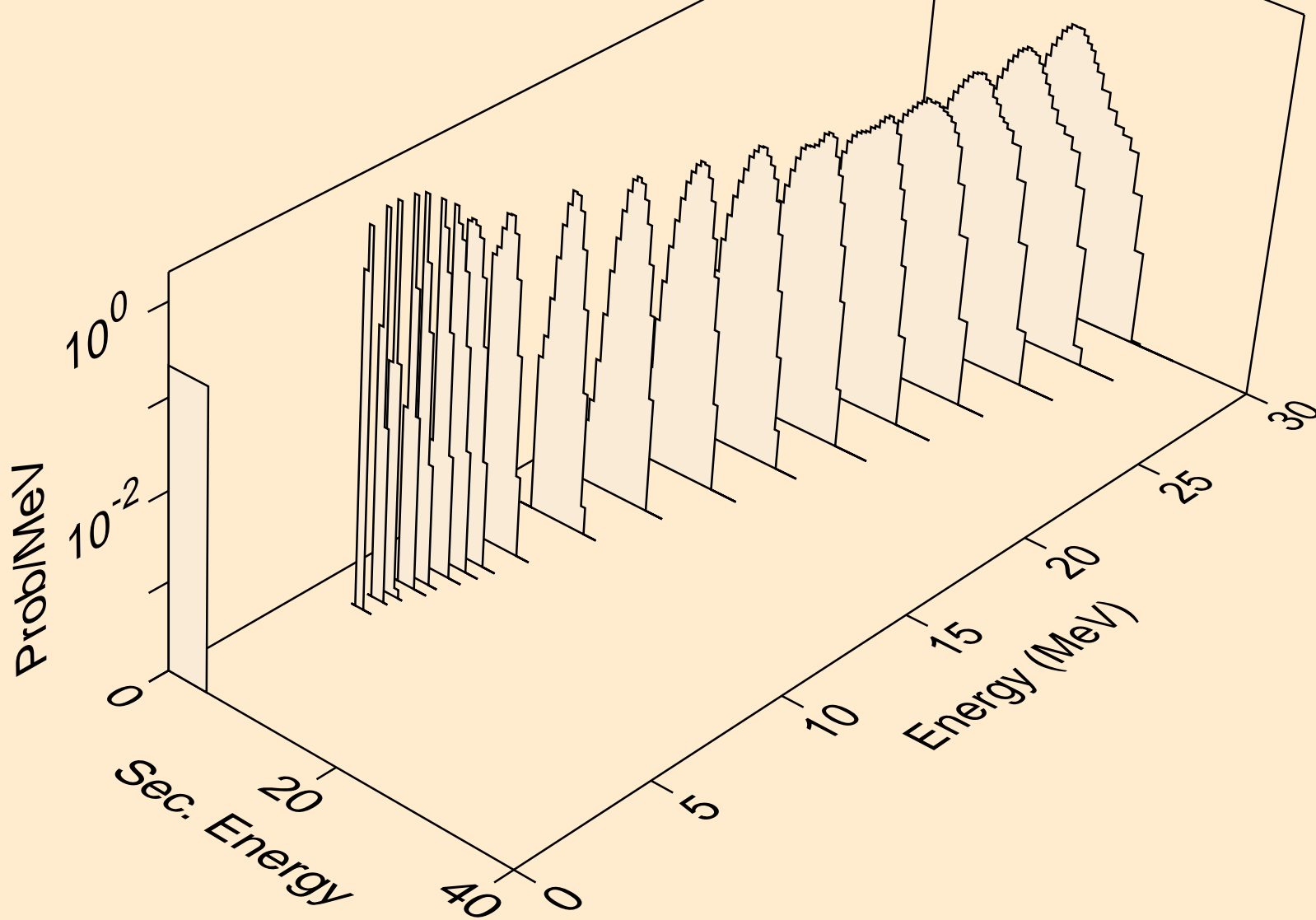
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



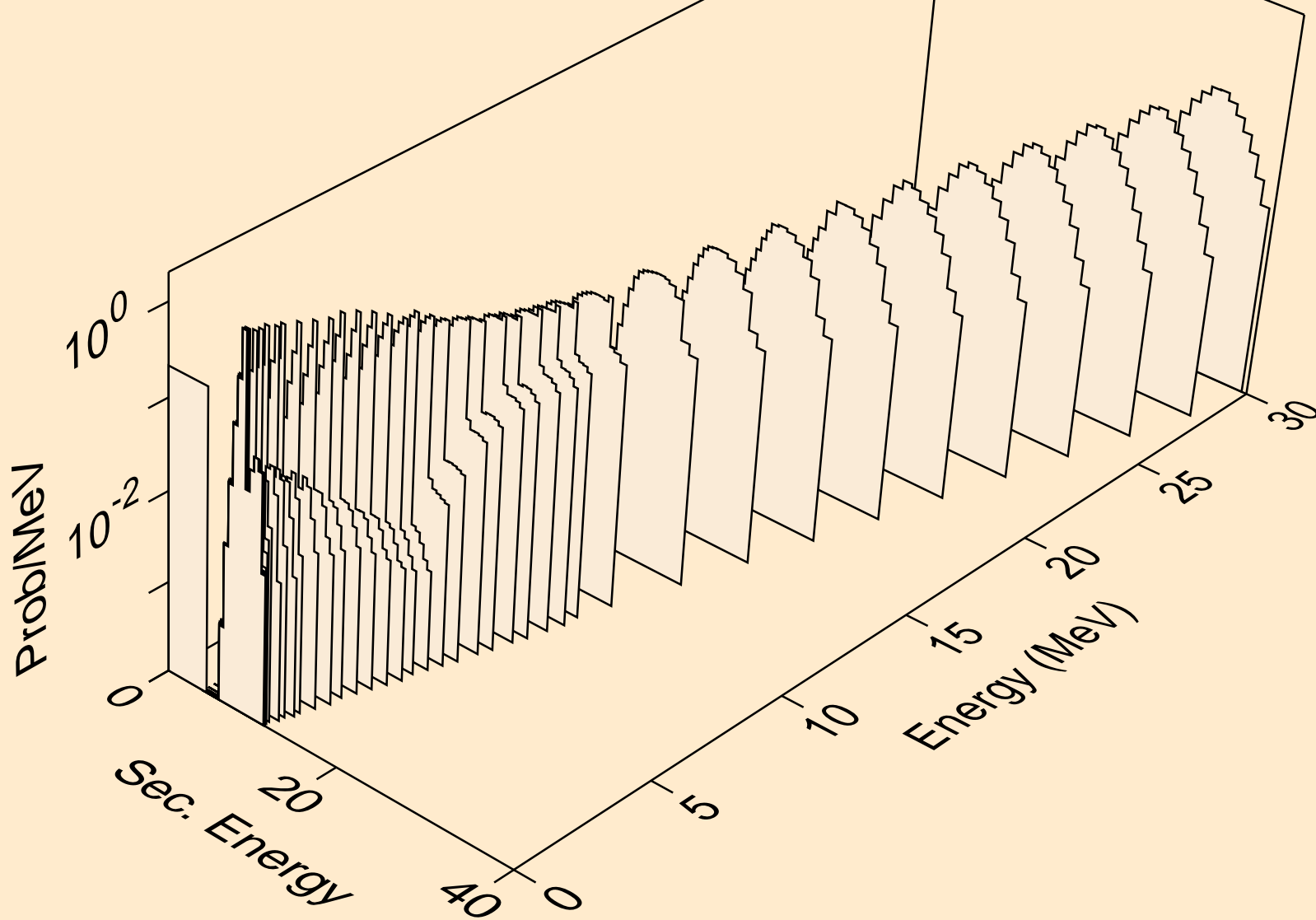
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



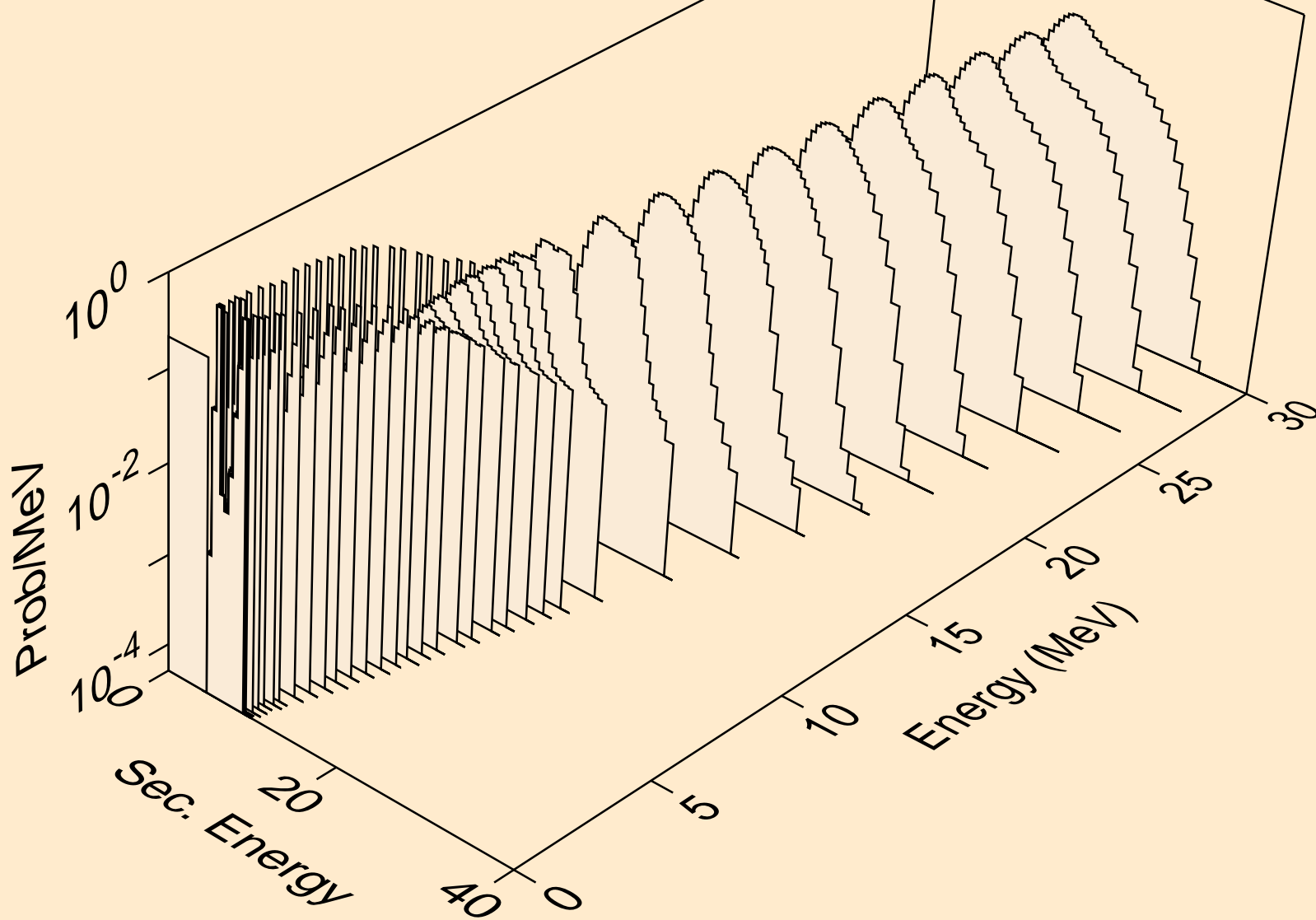
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



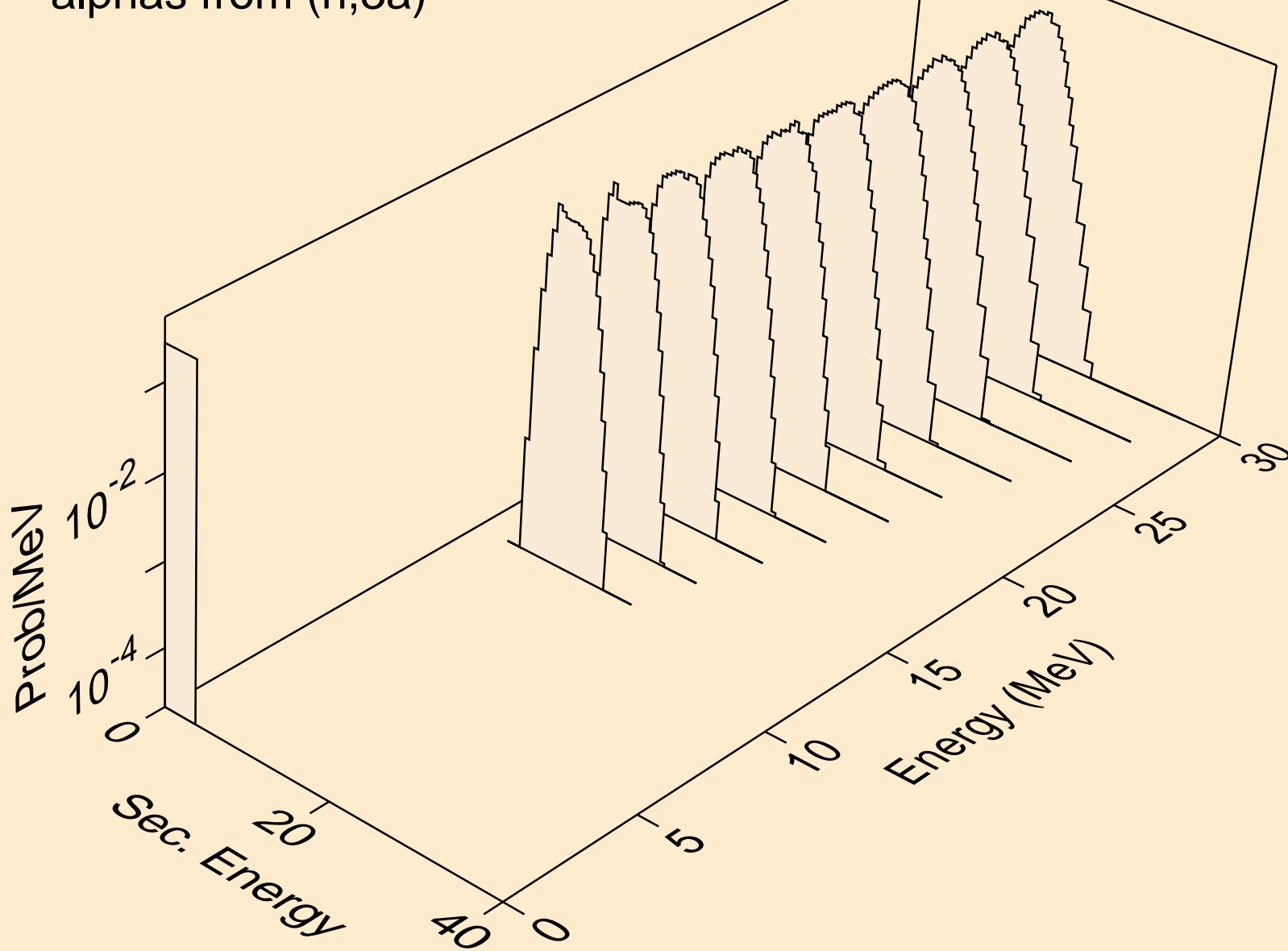
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



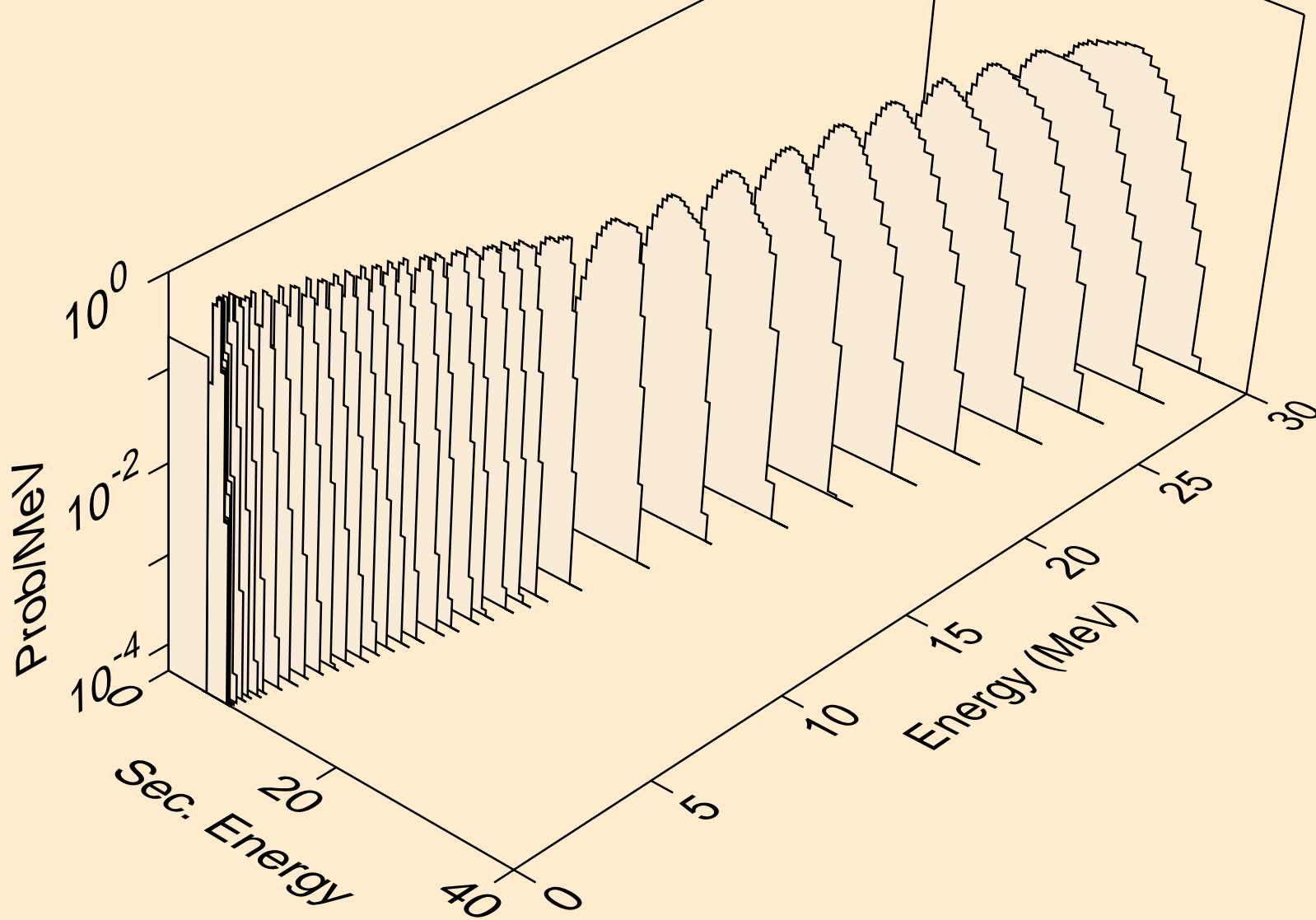
HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



HO153 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

