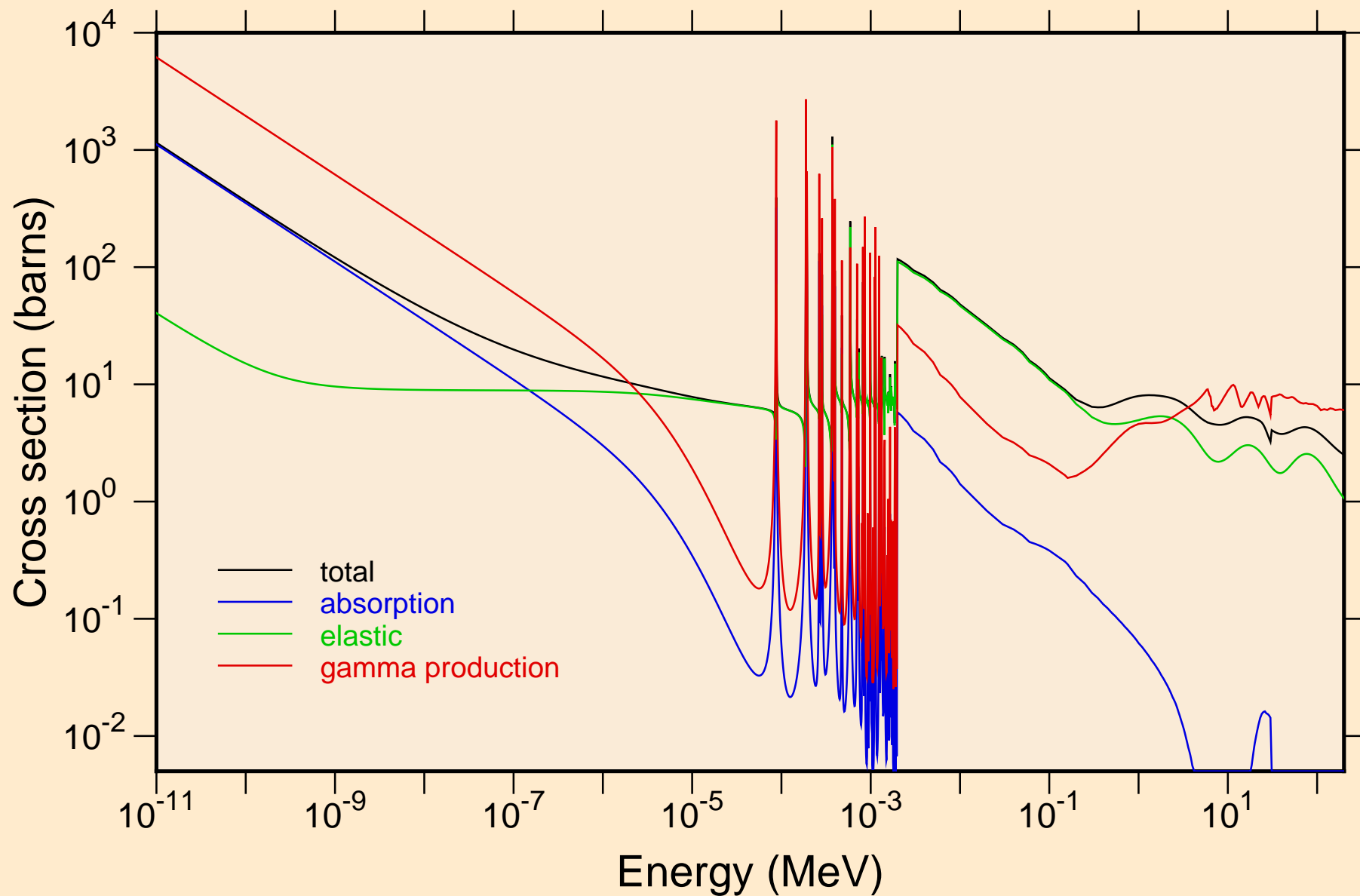
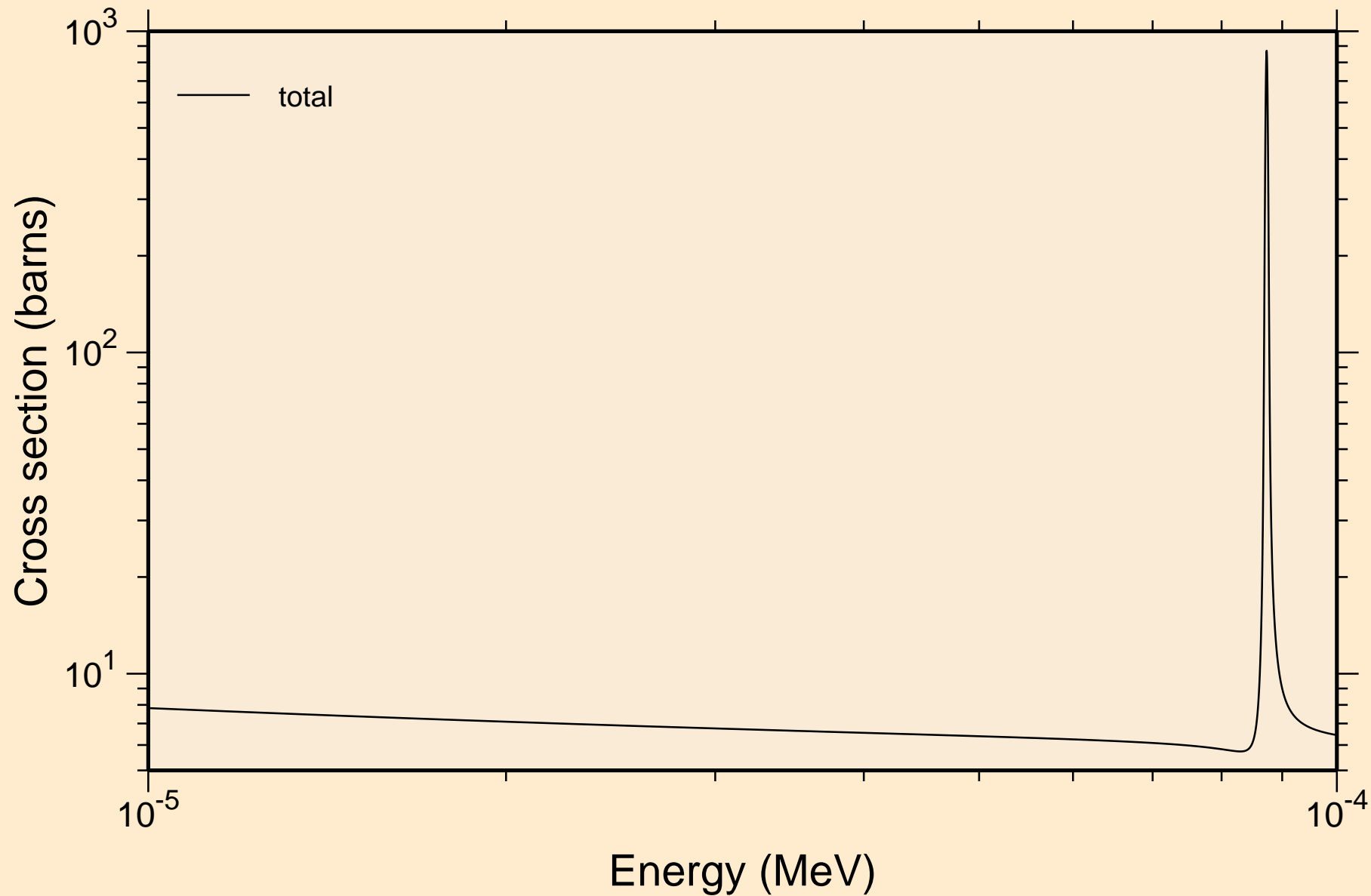


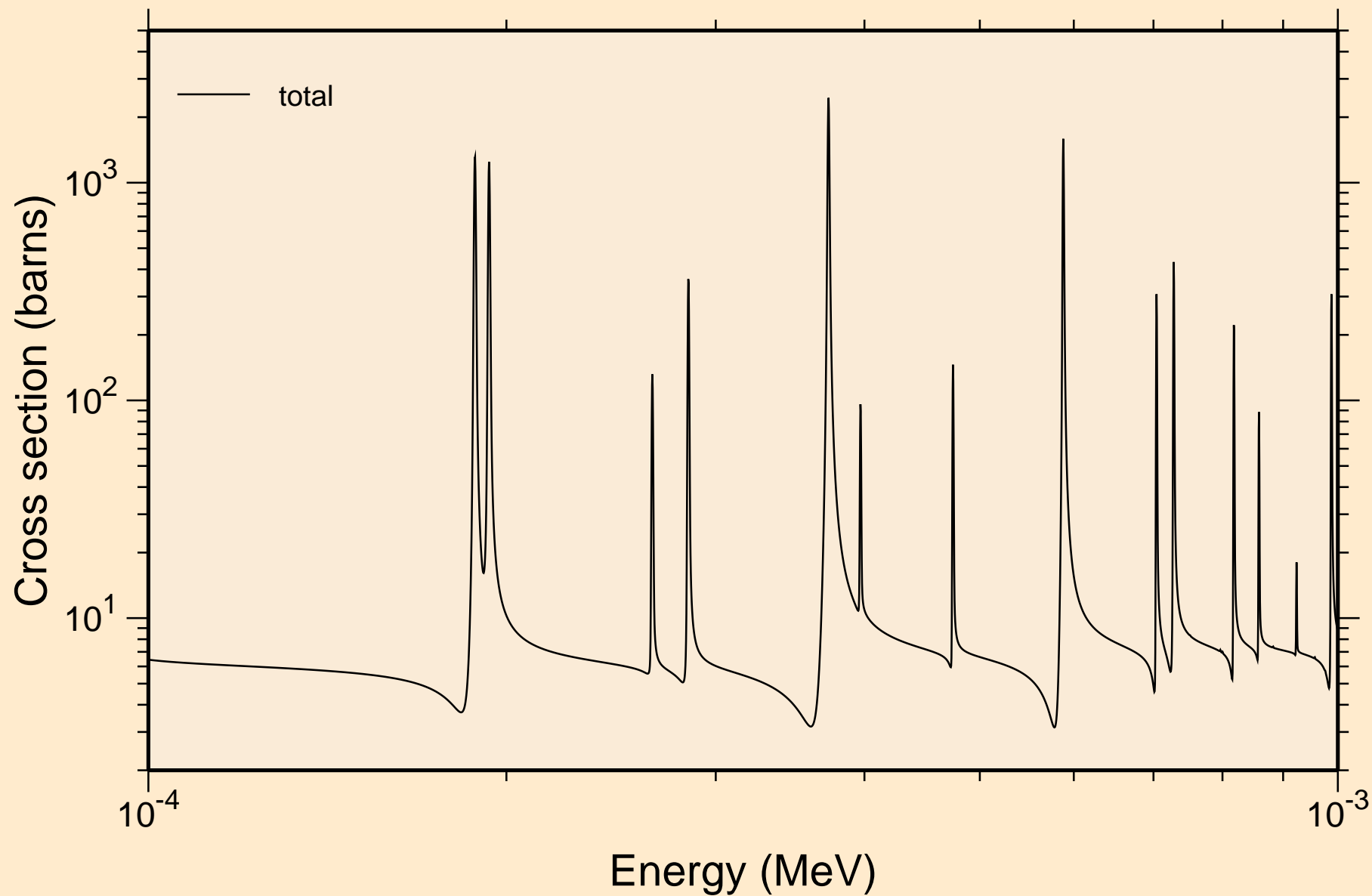
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



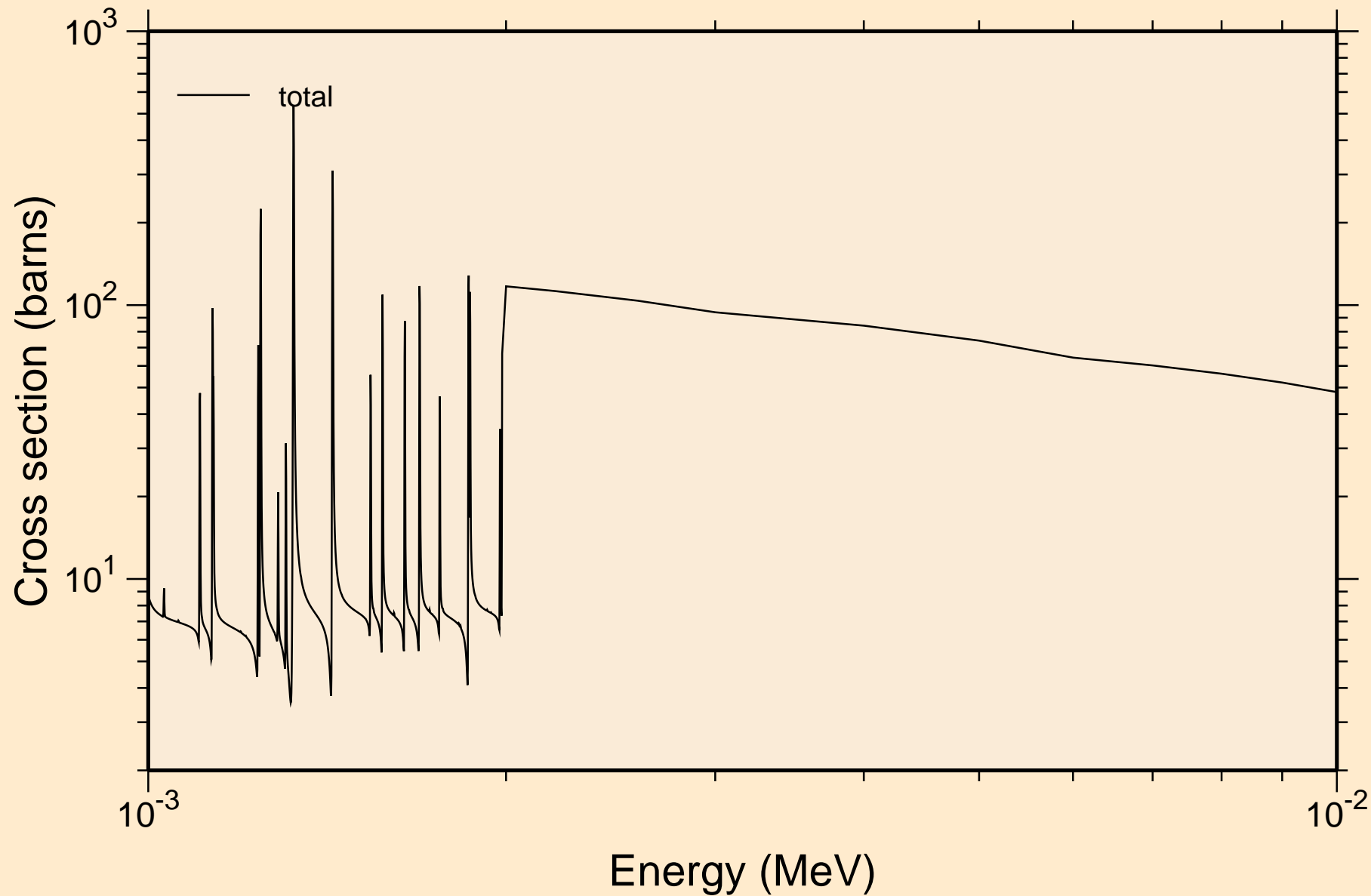
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



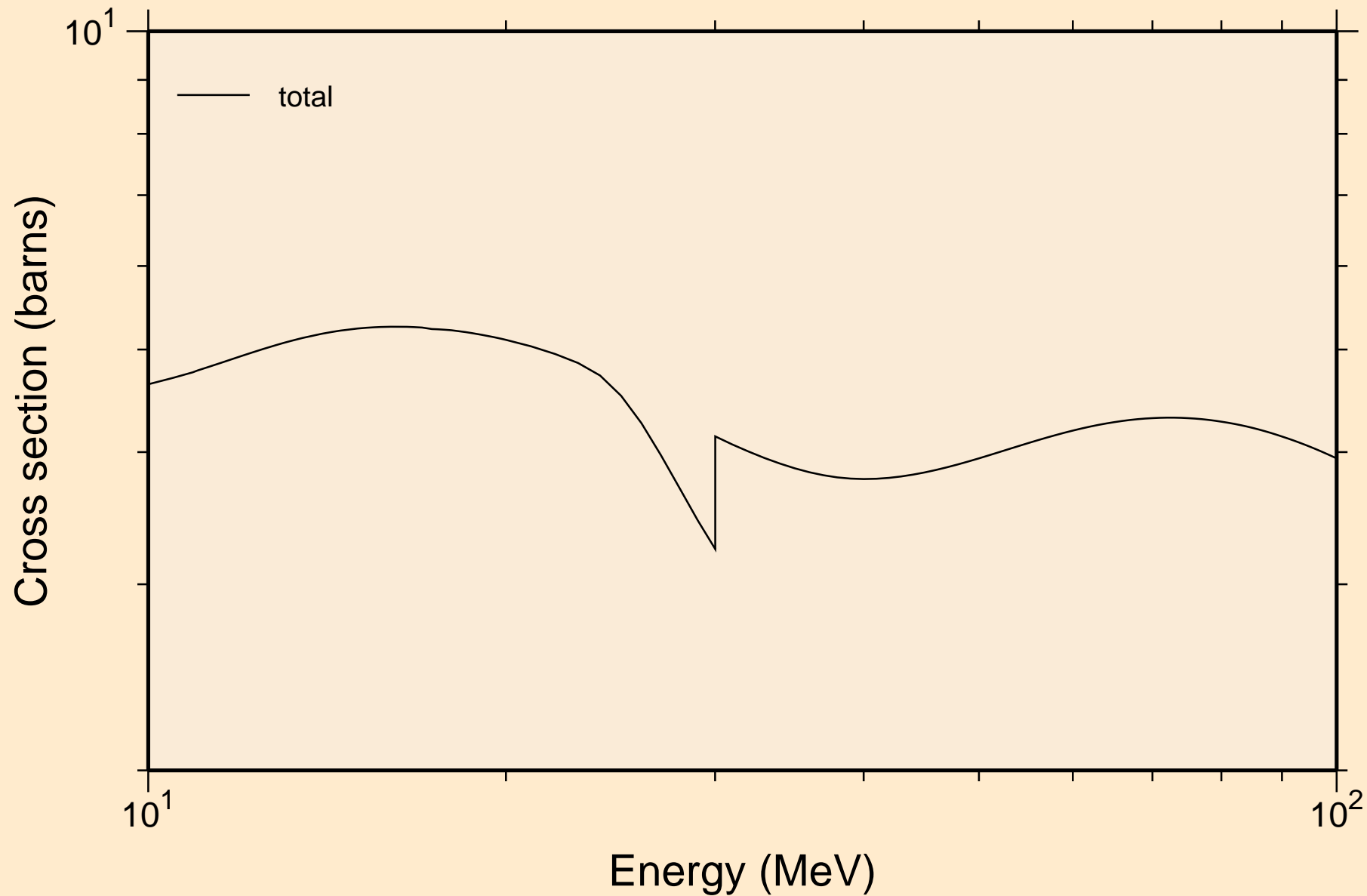
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



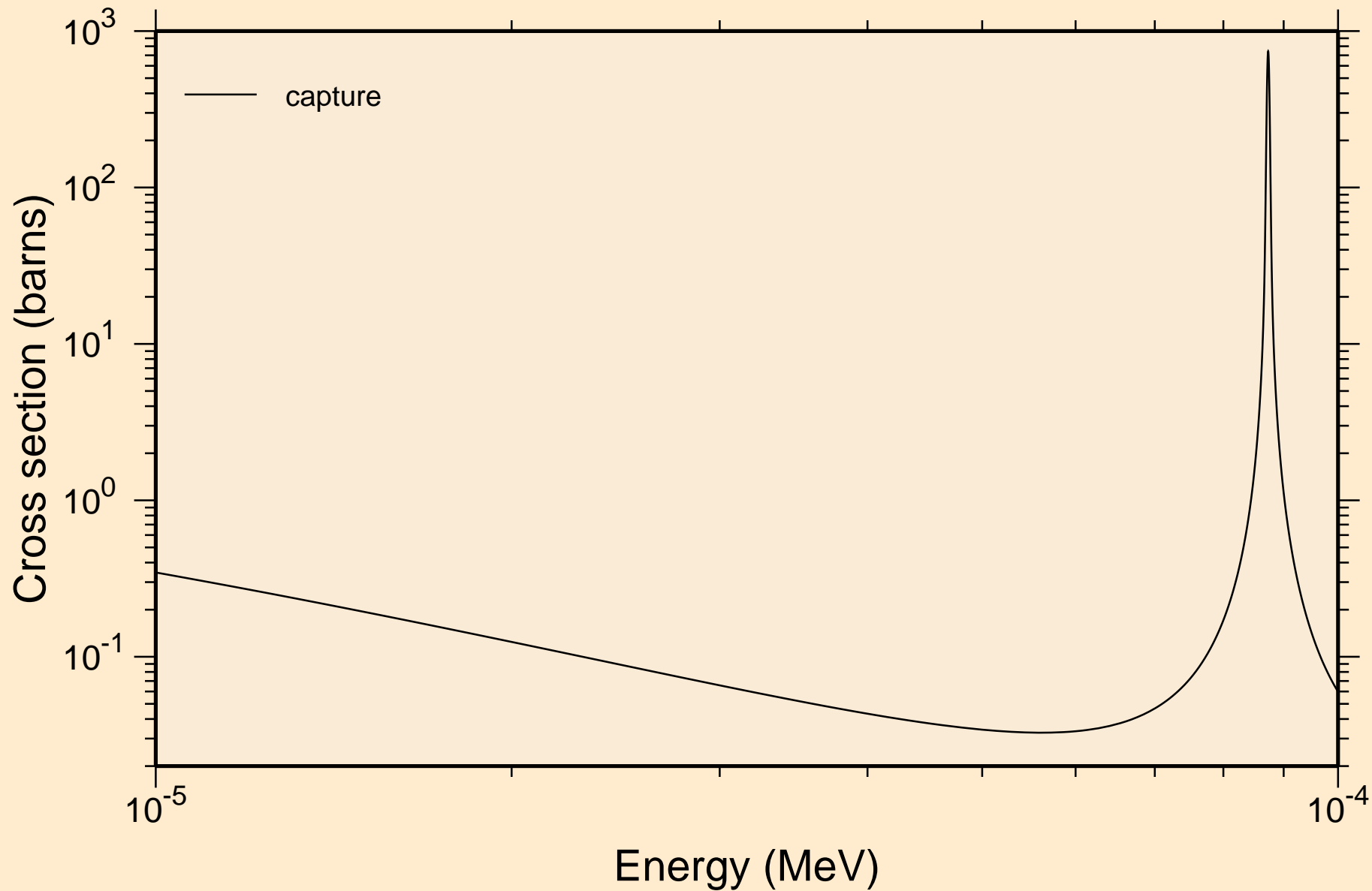
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



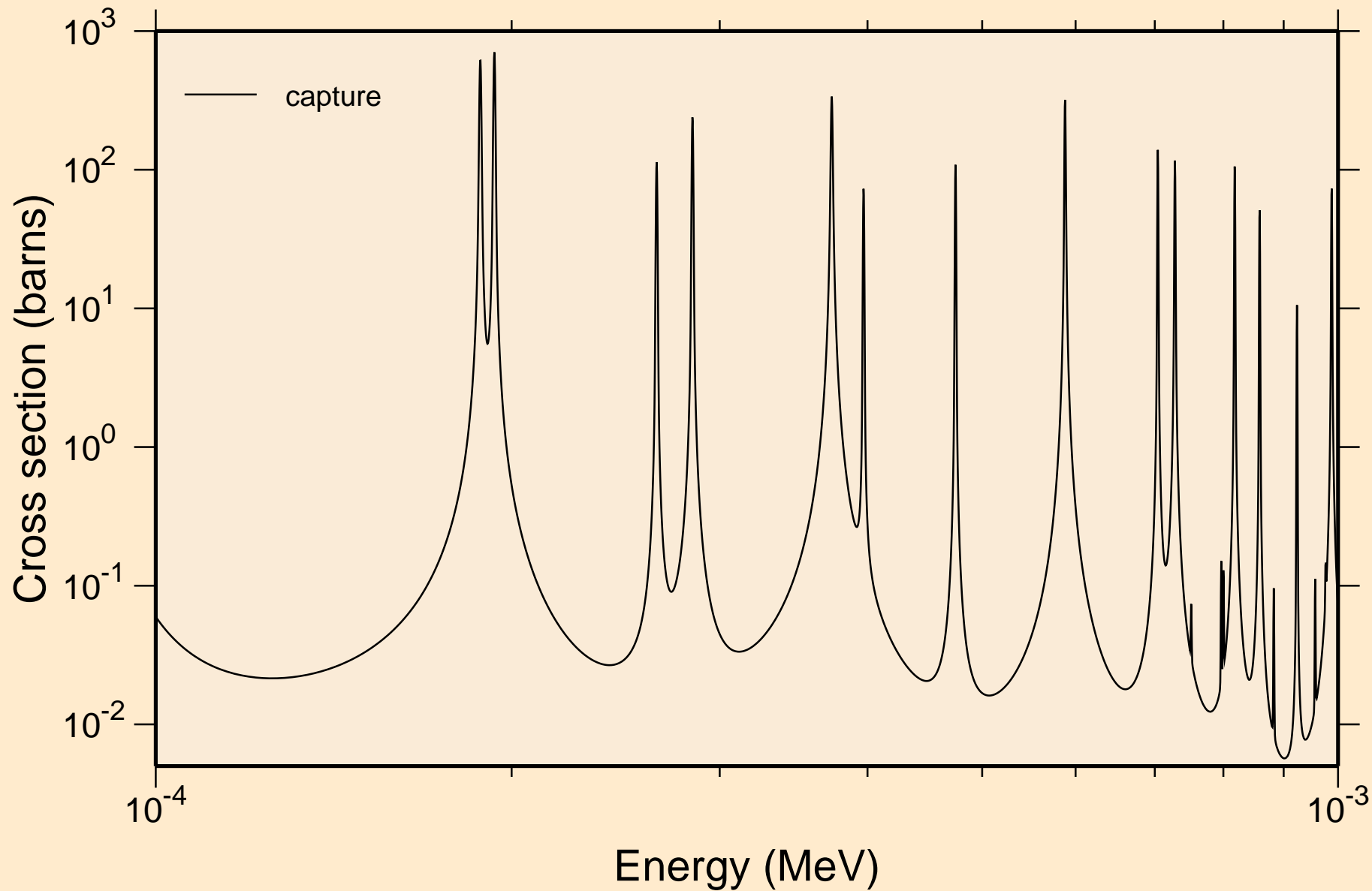
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



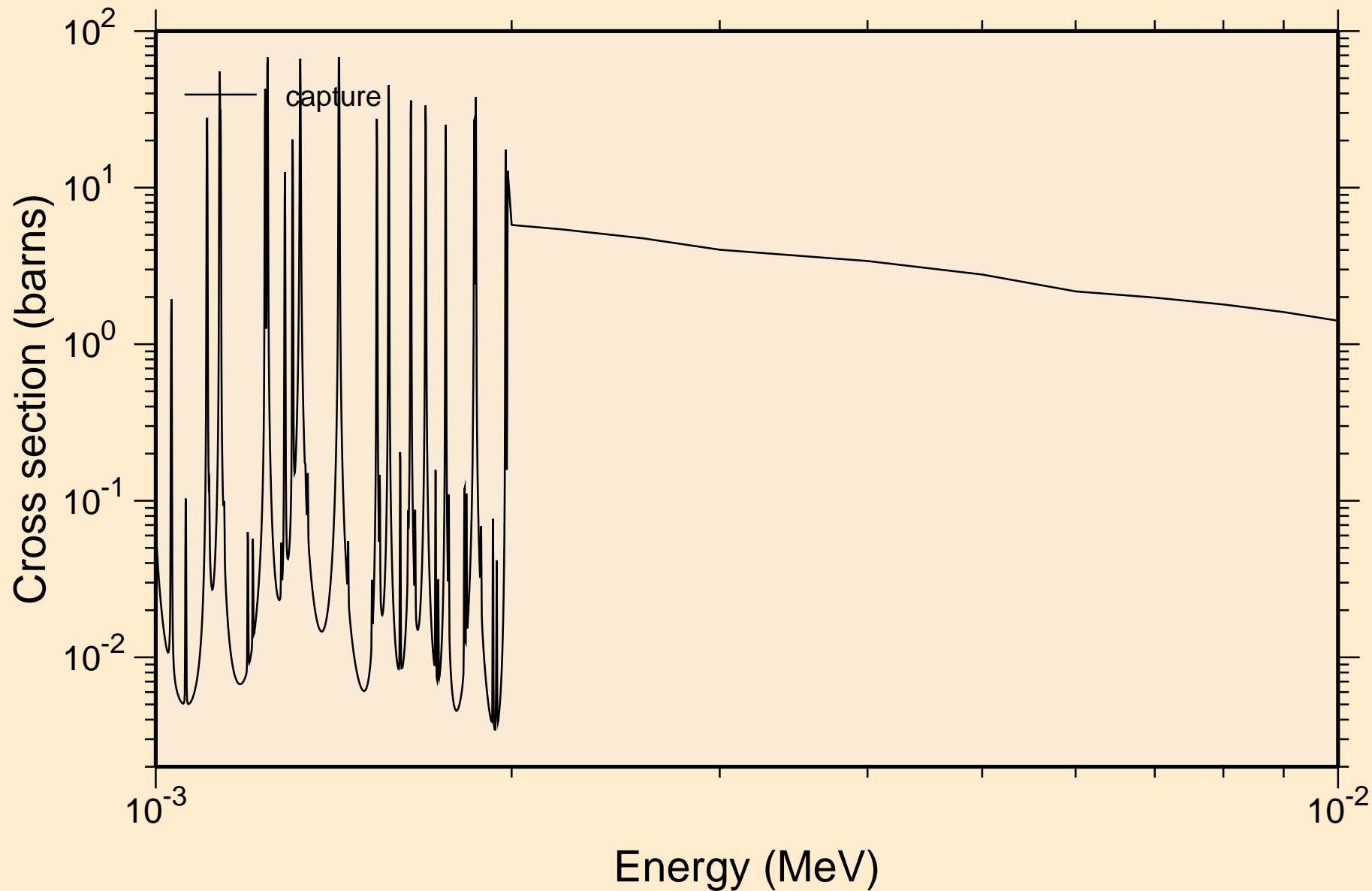
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



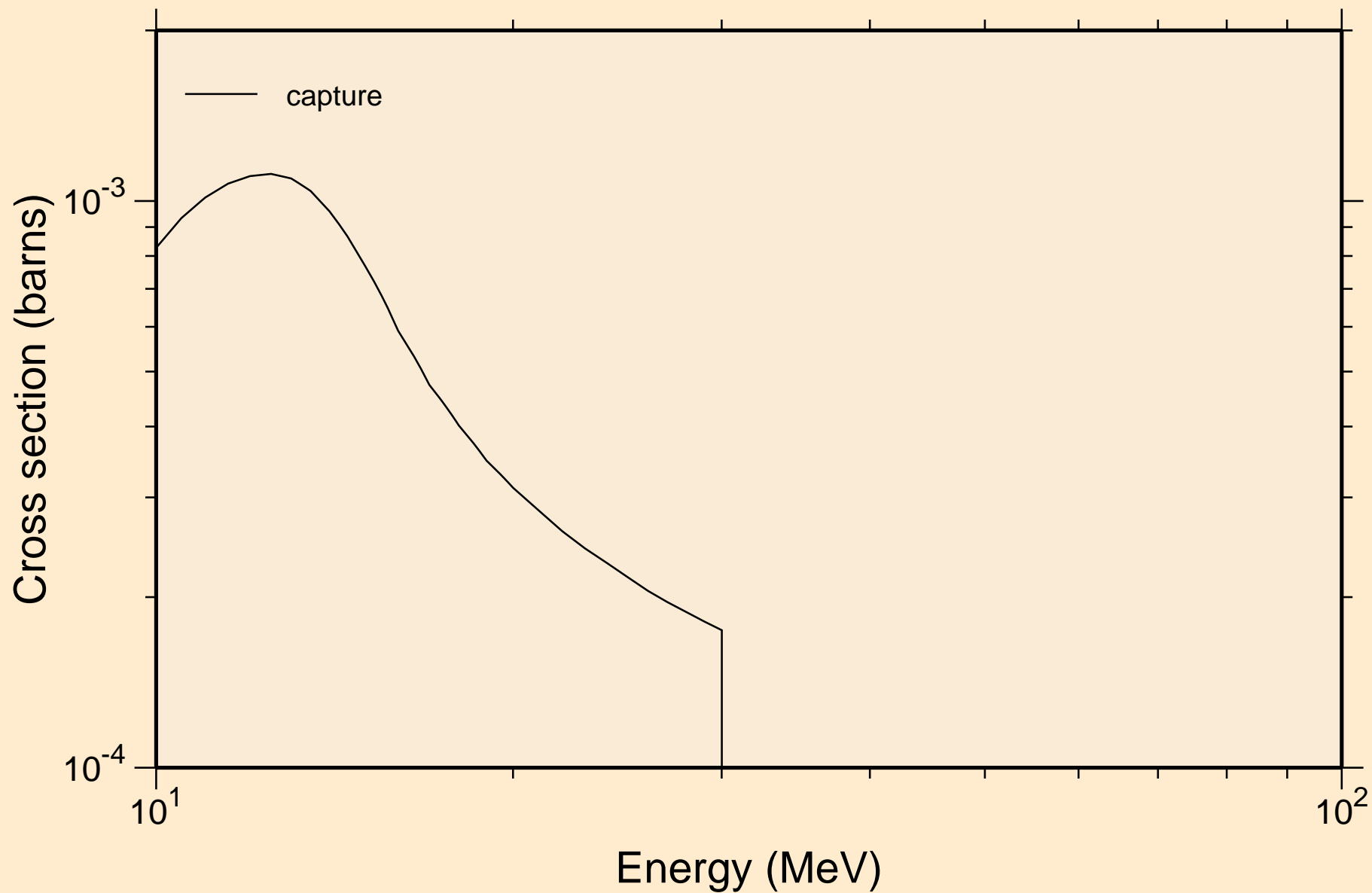
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



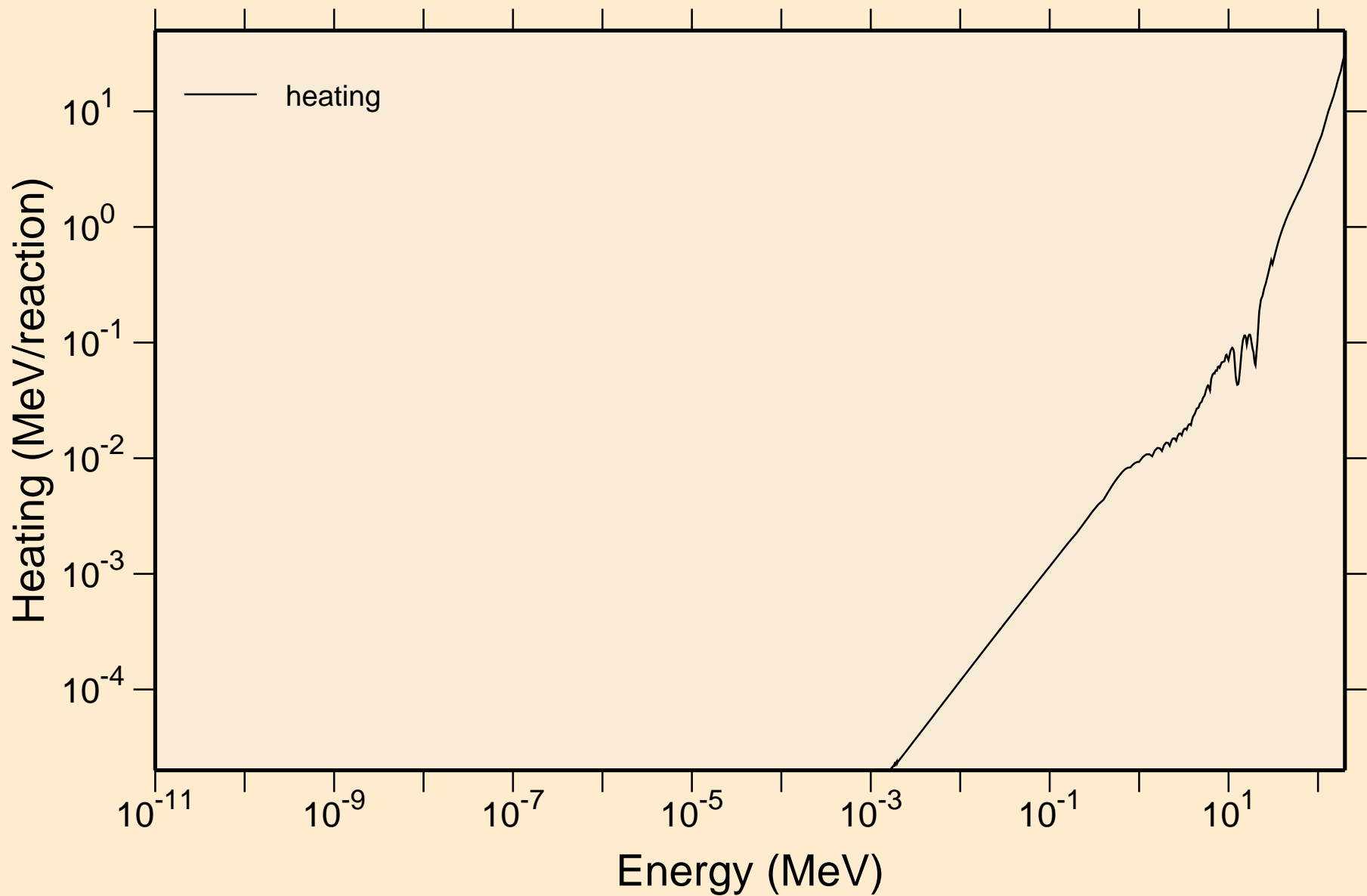
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



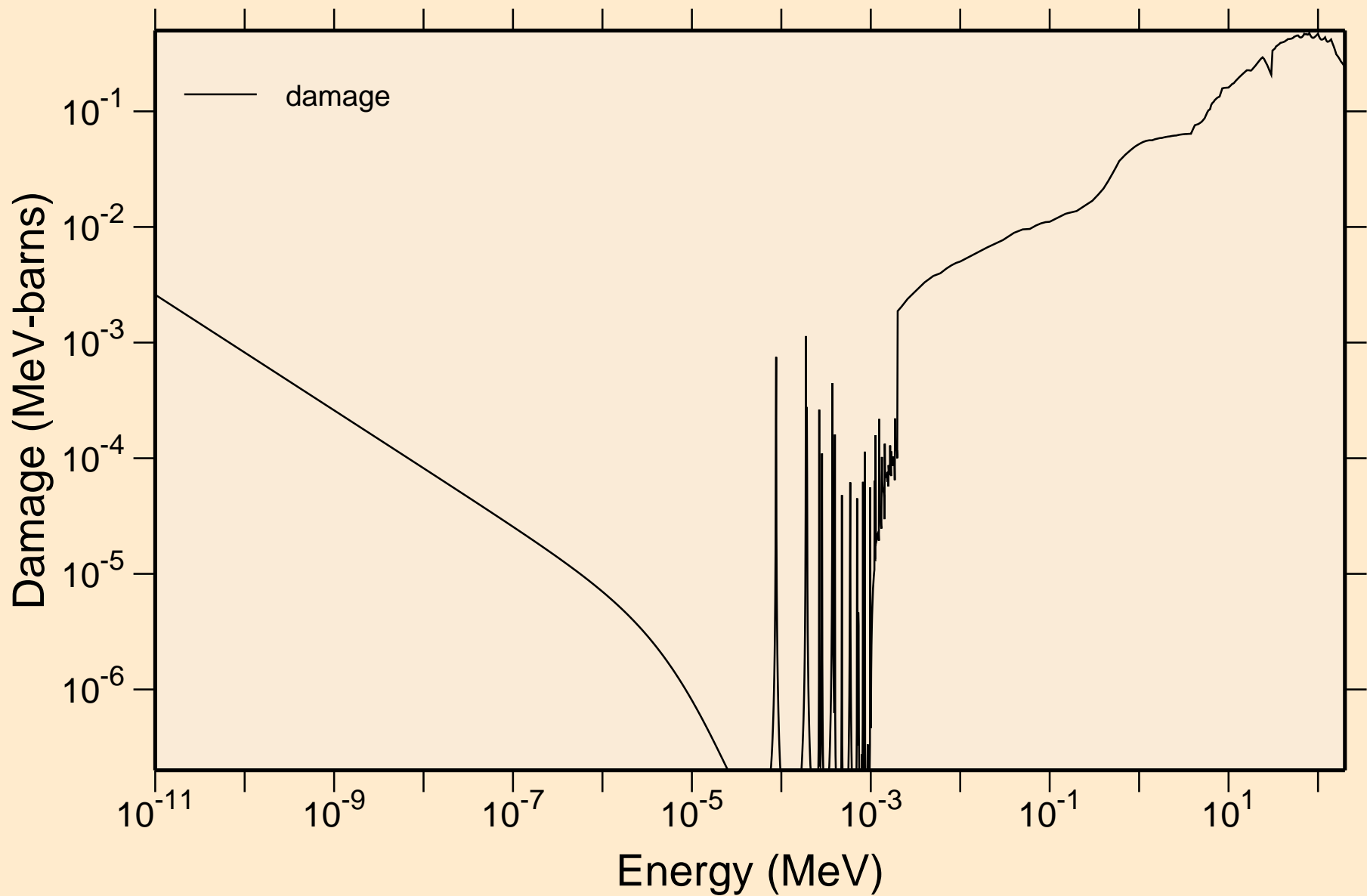
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



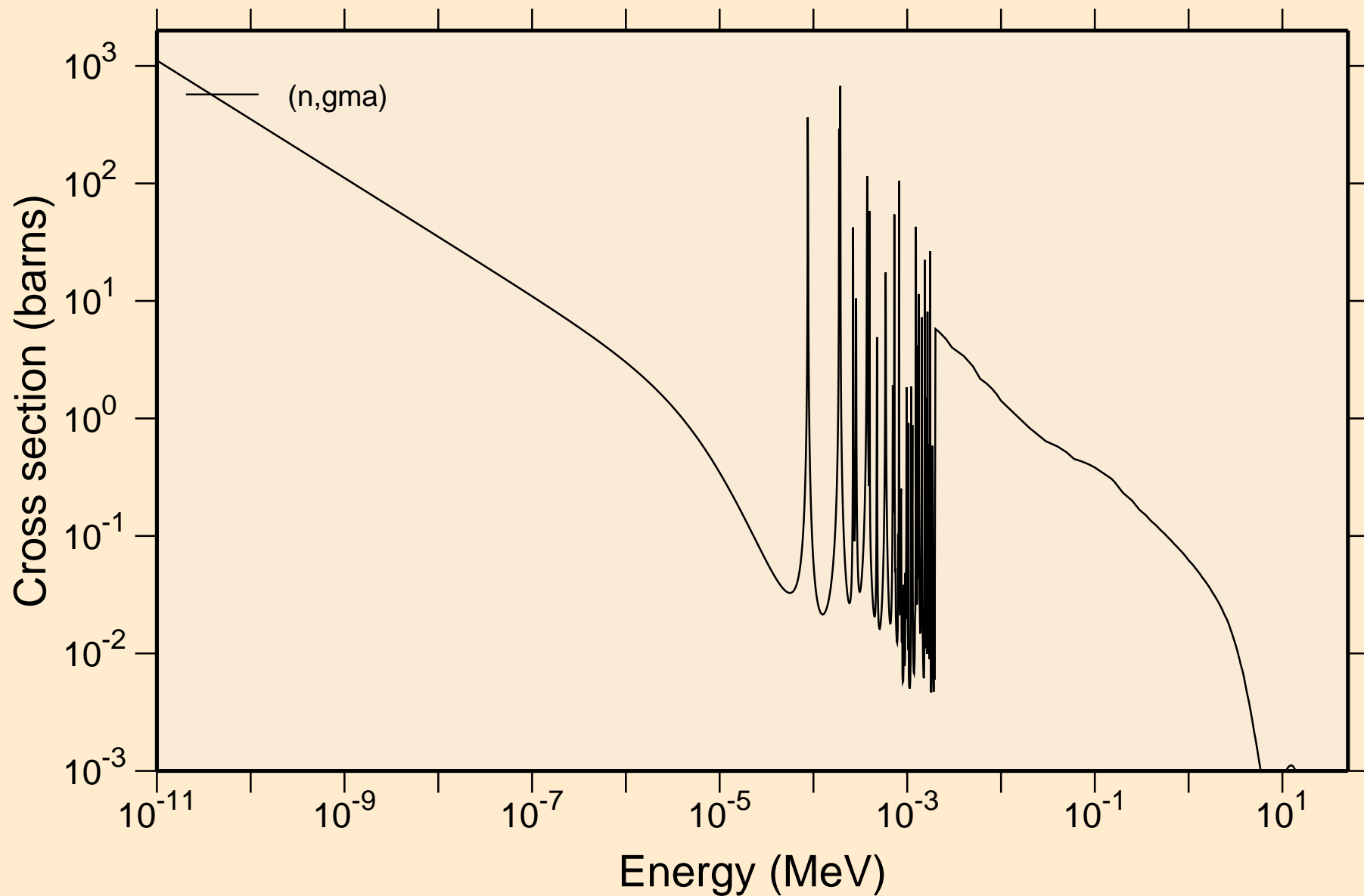
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



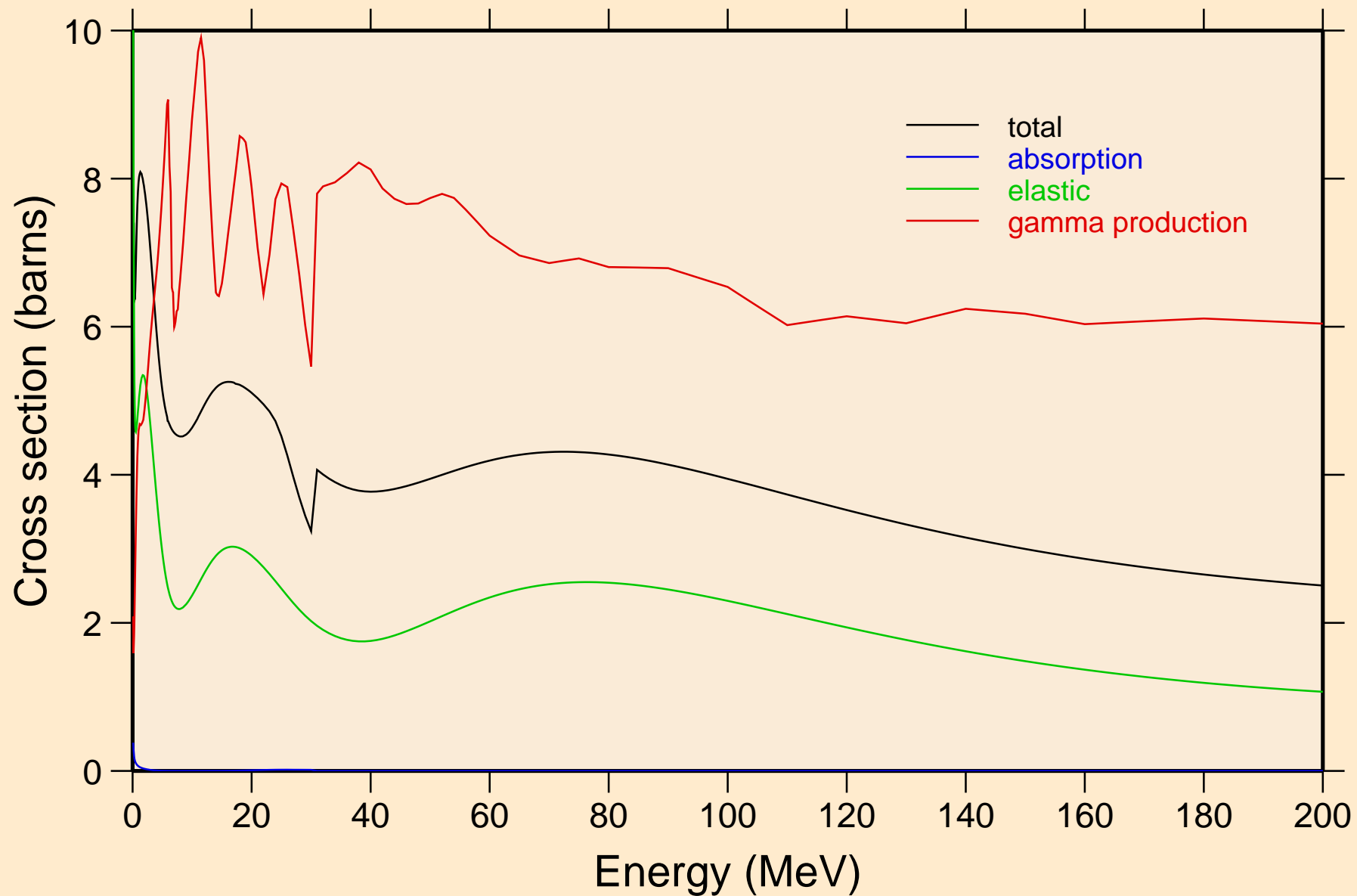
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K Damage



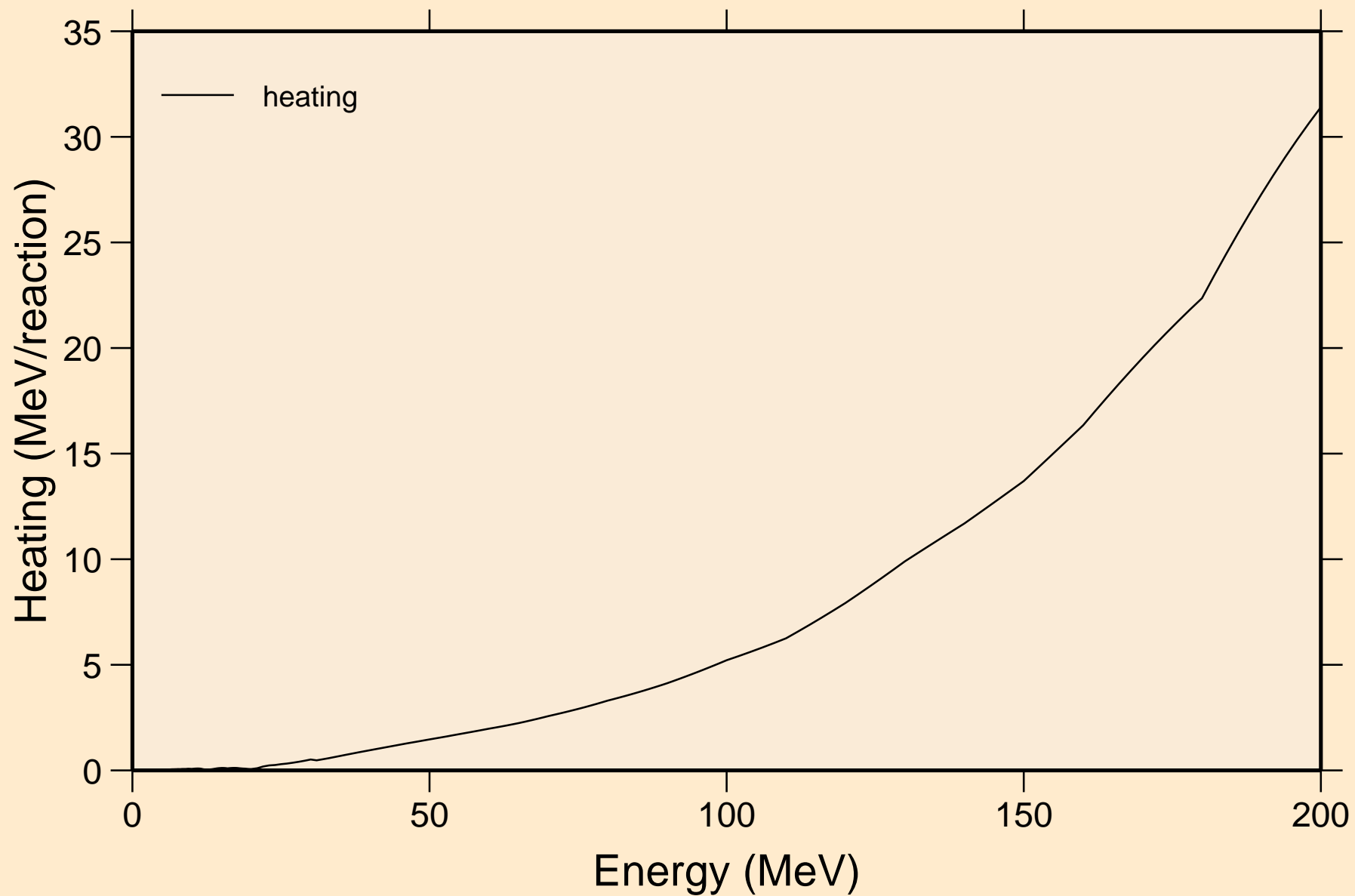
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



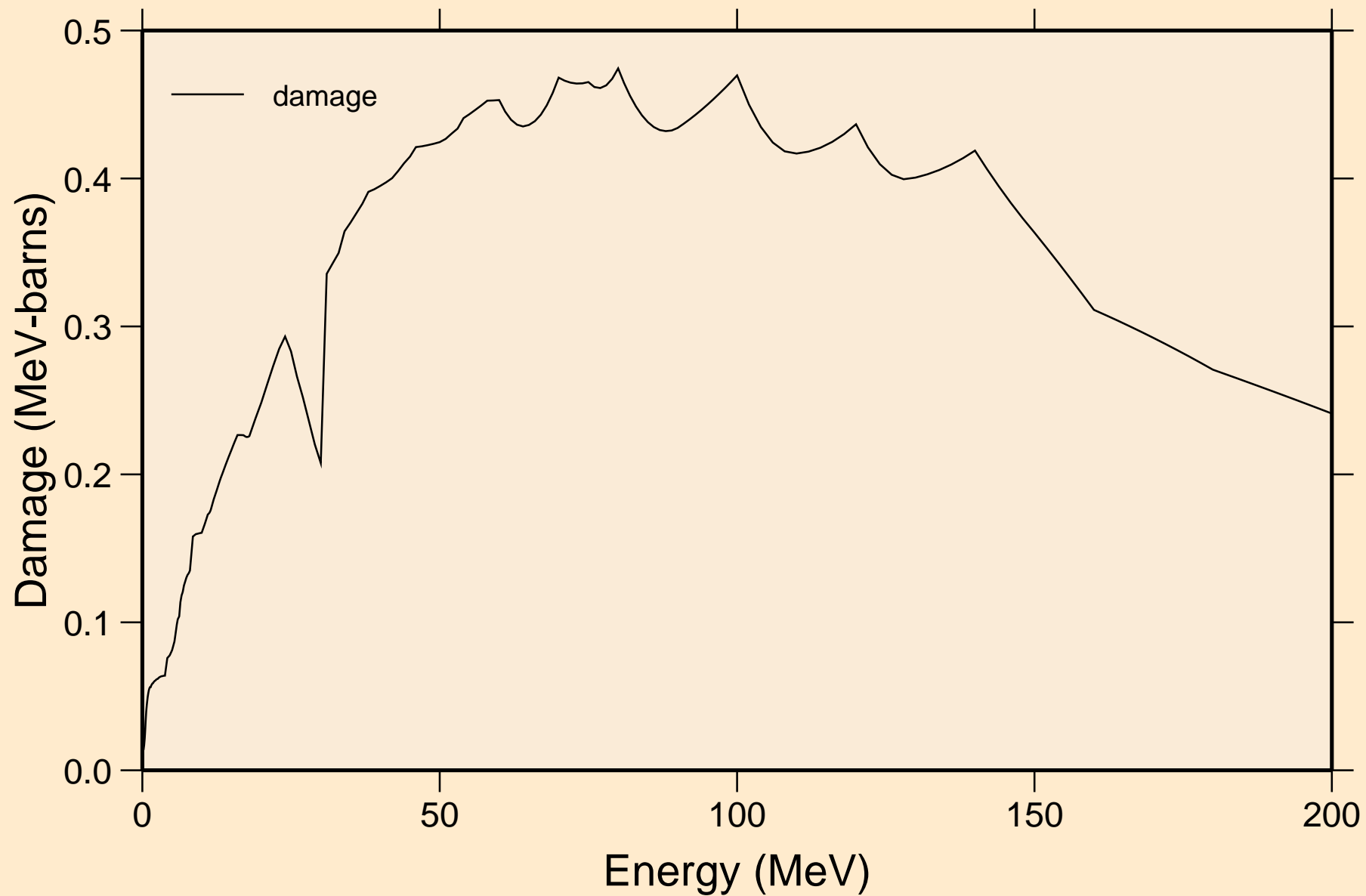
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



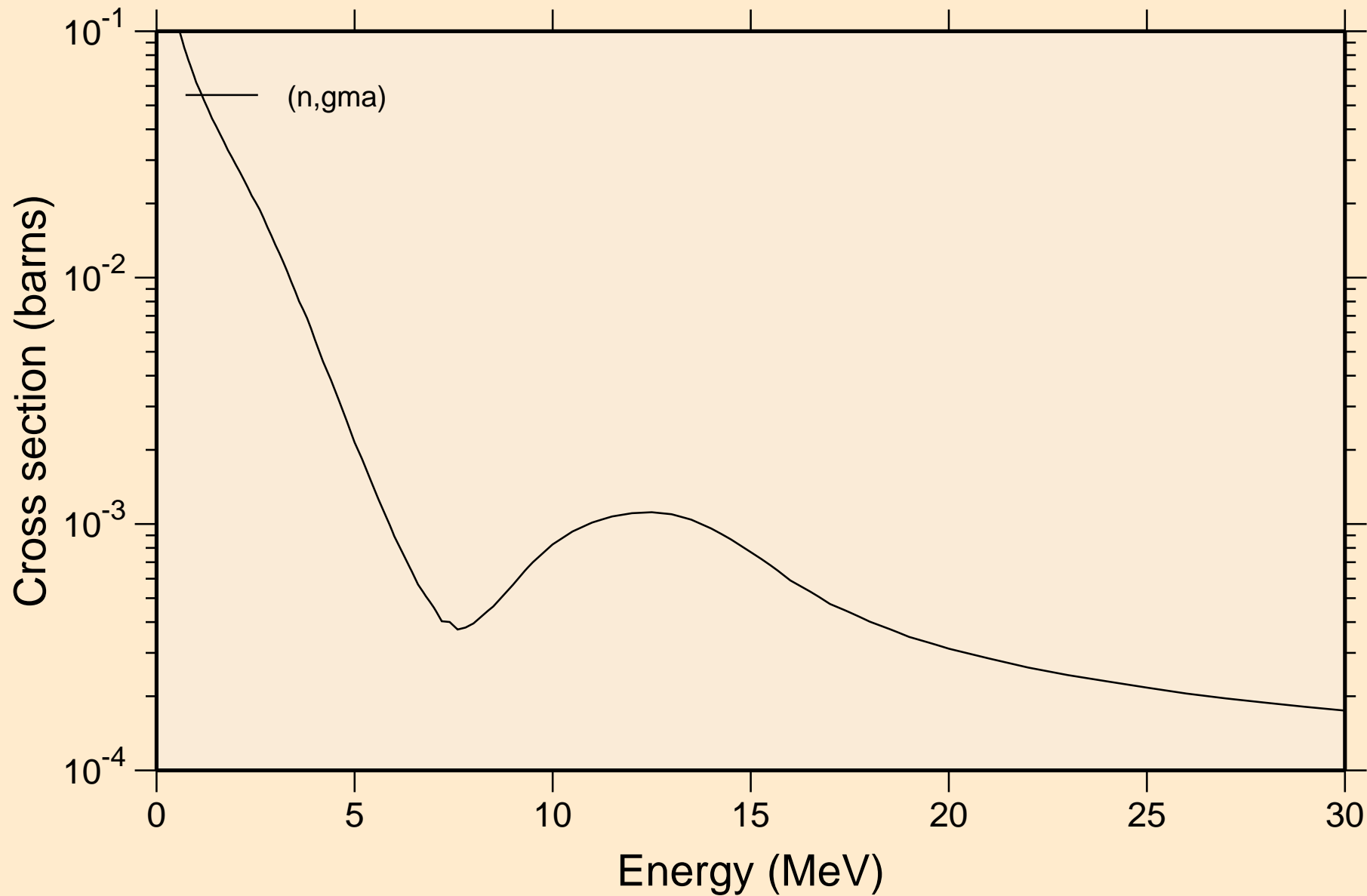
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



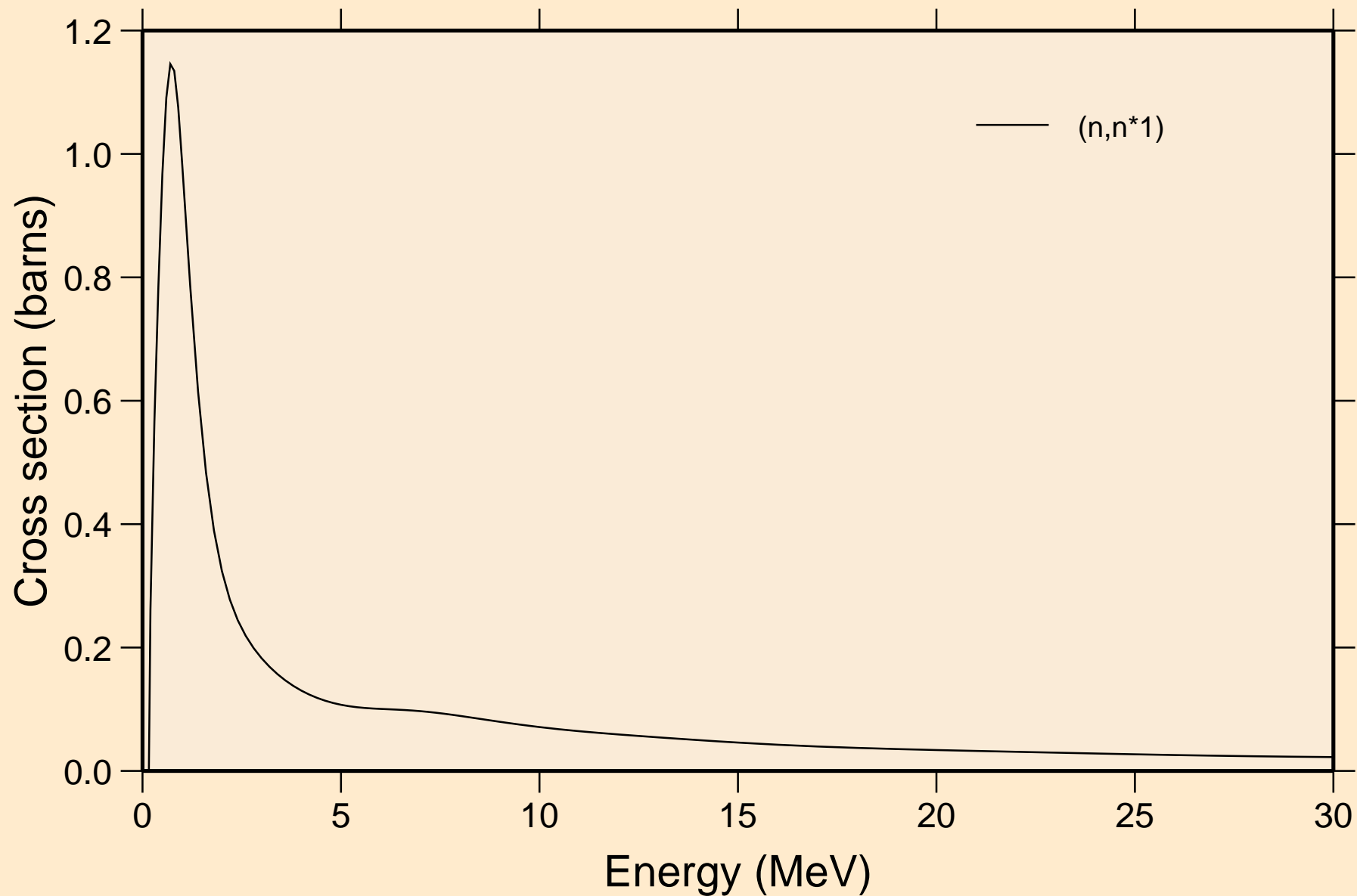
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



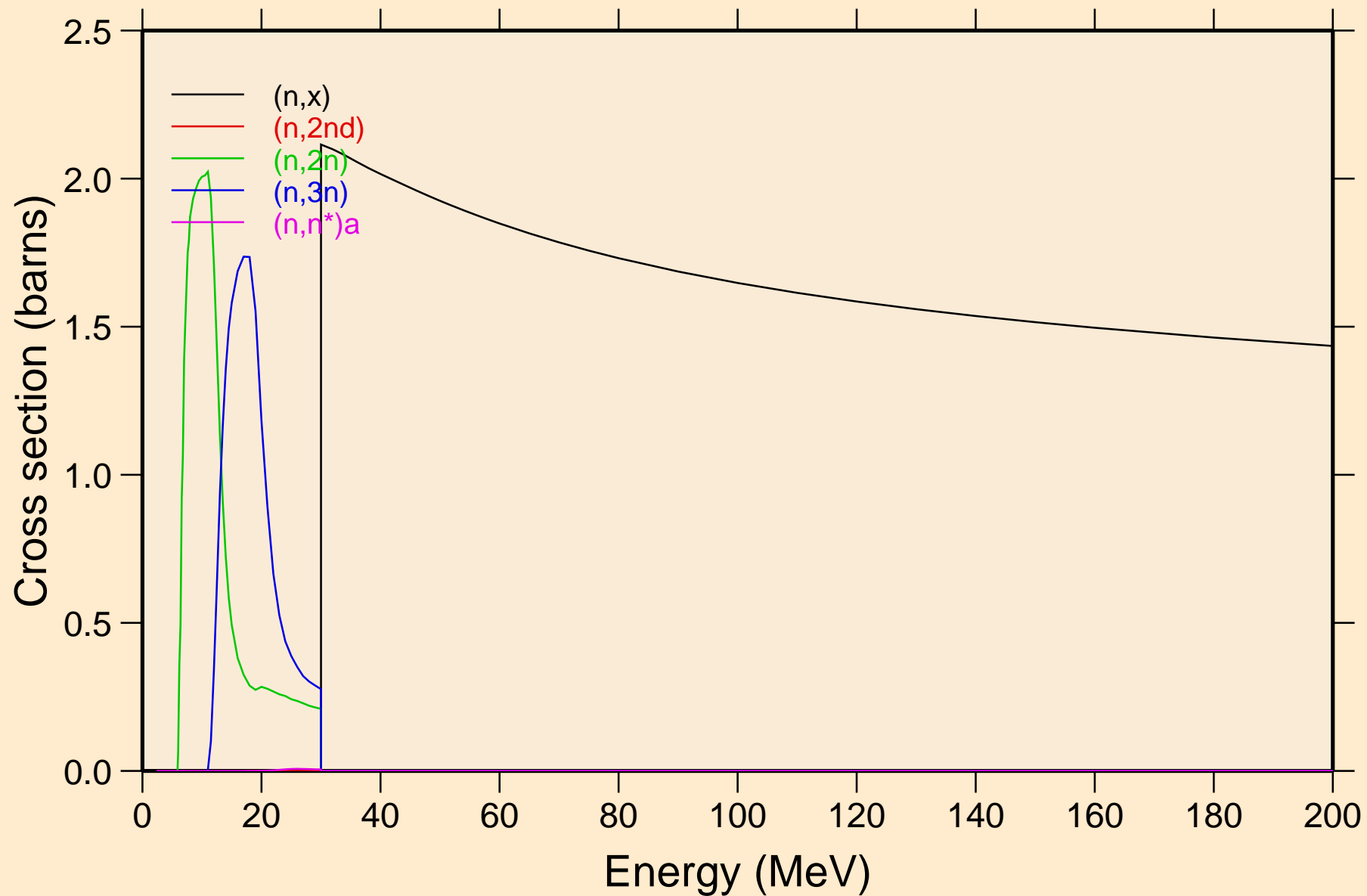
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



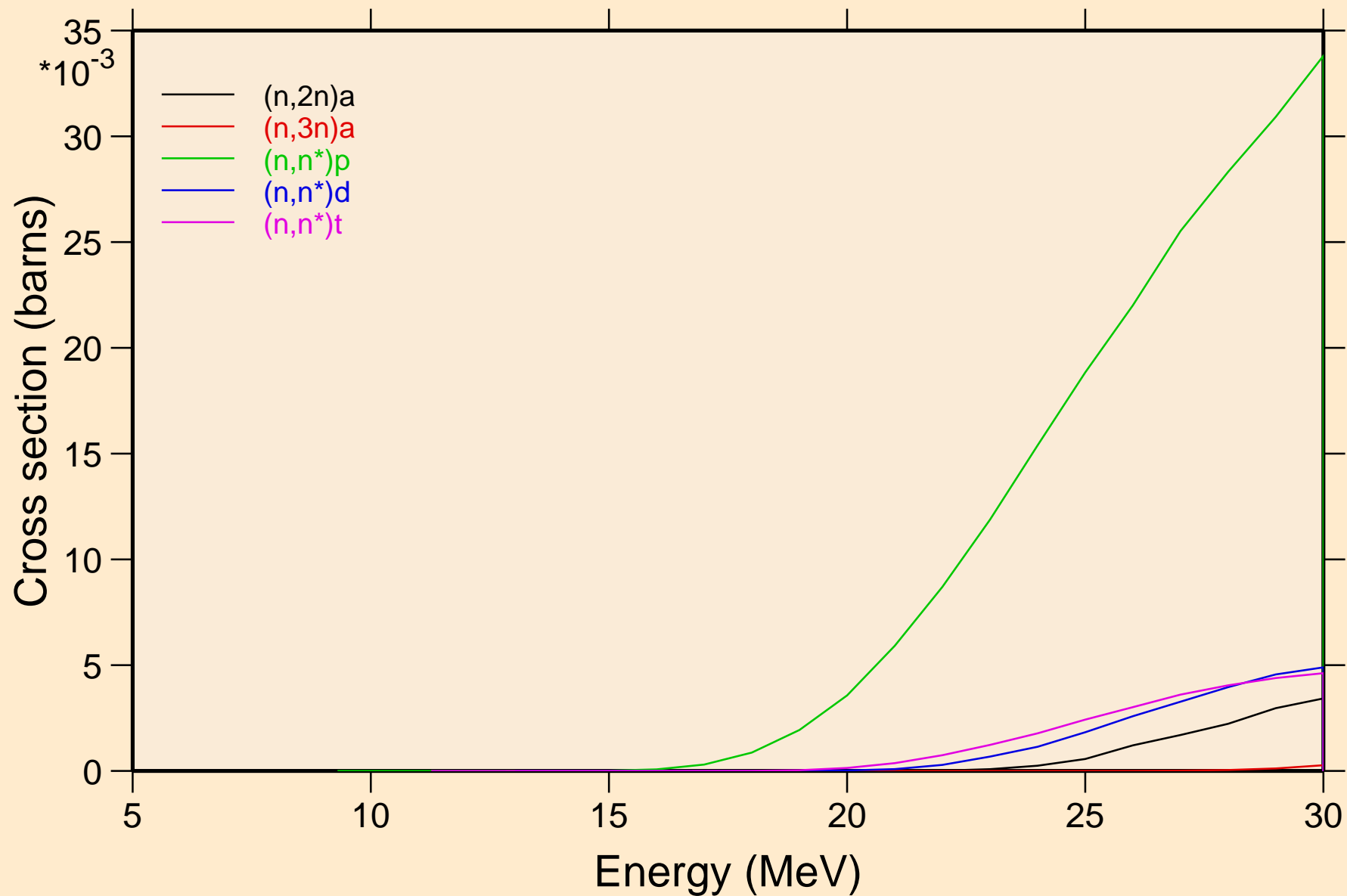
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



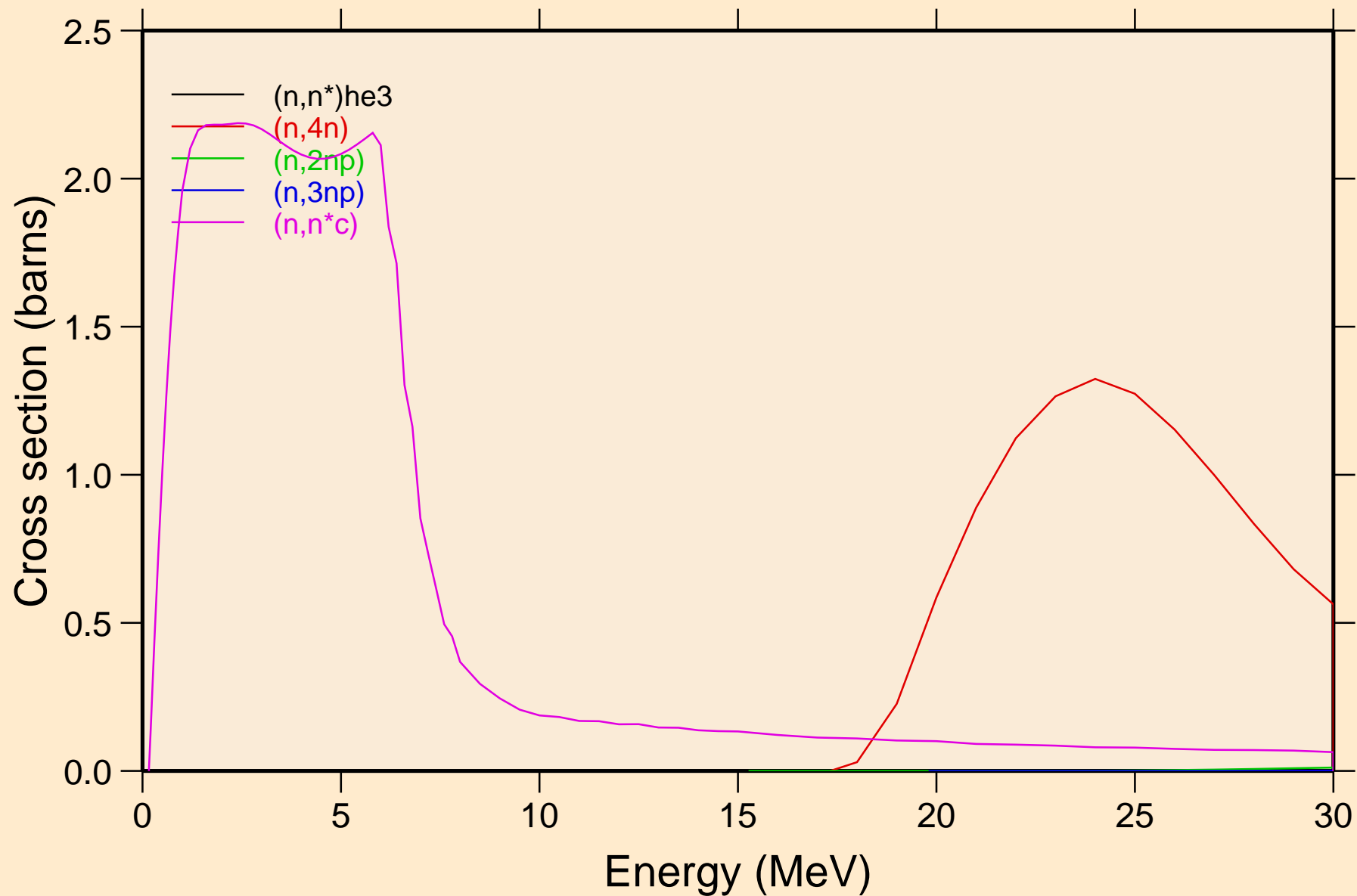
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



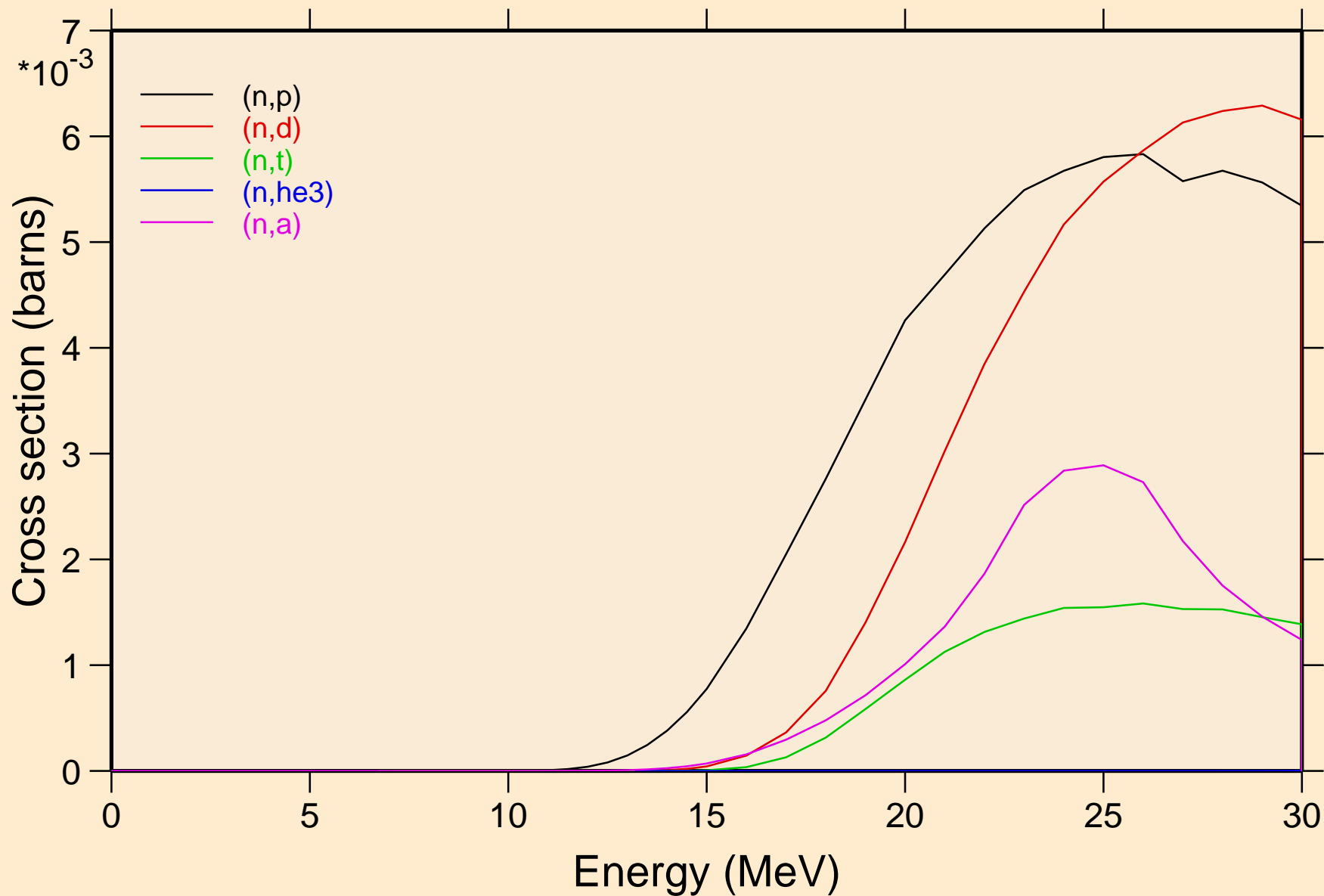
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

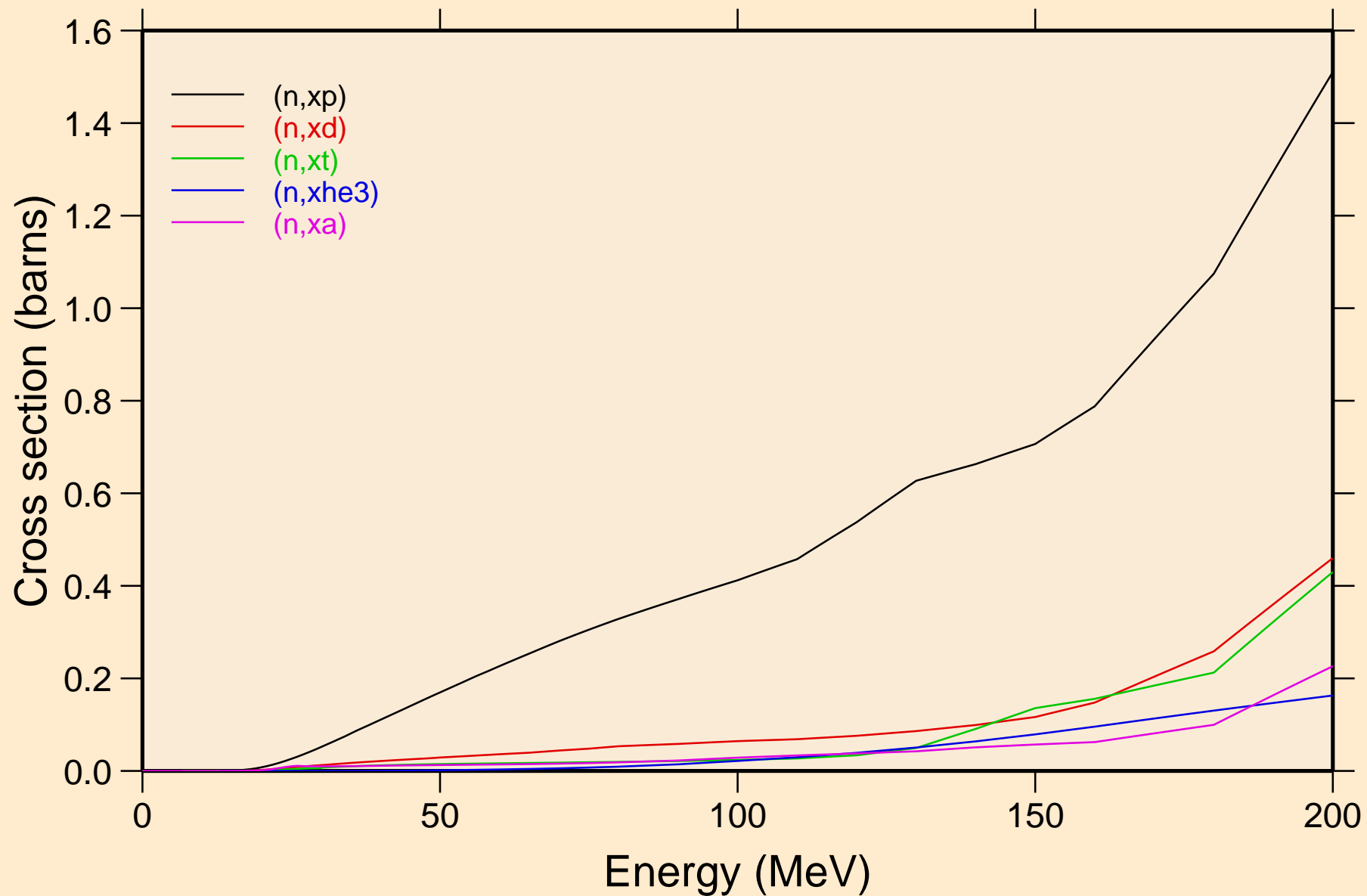


EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions

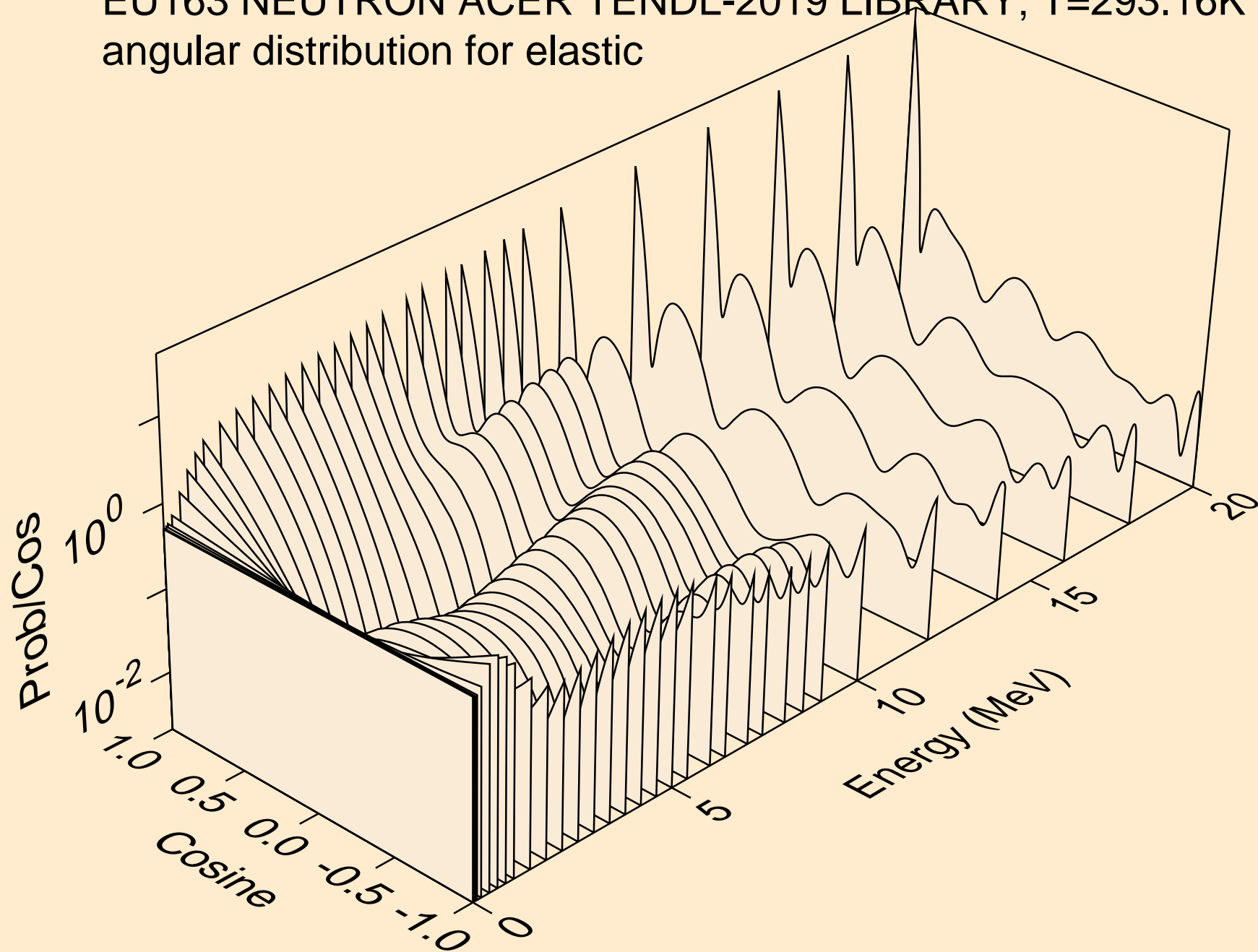


EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

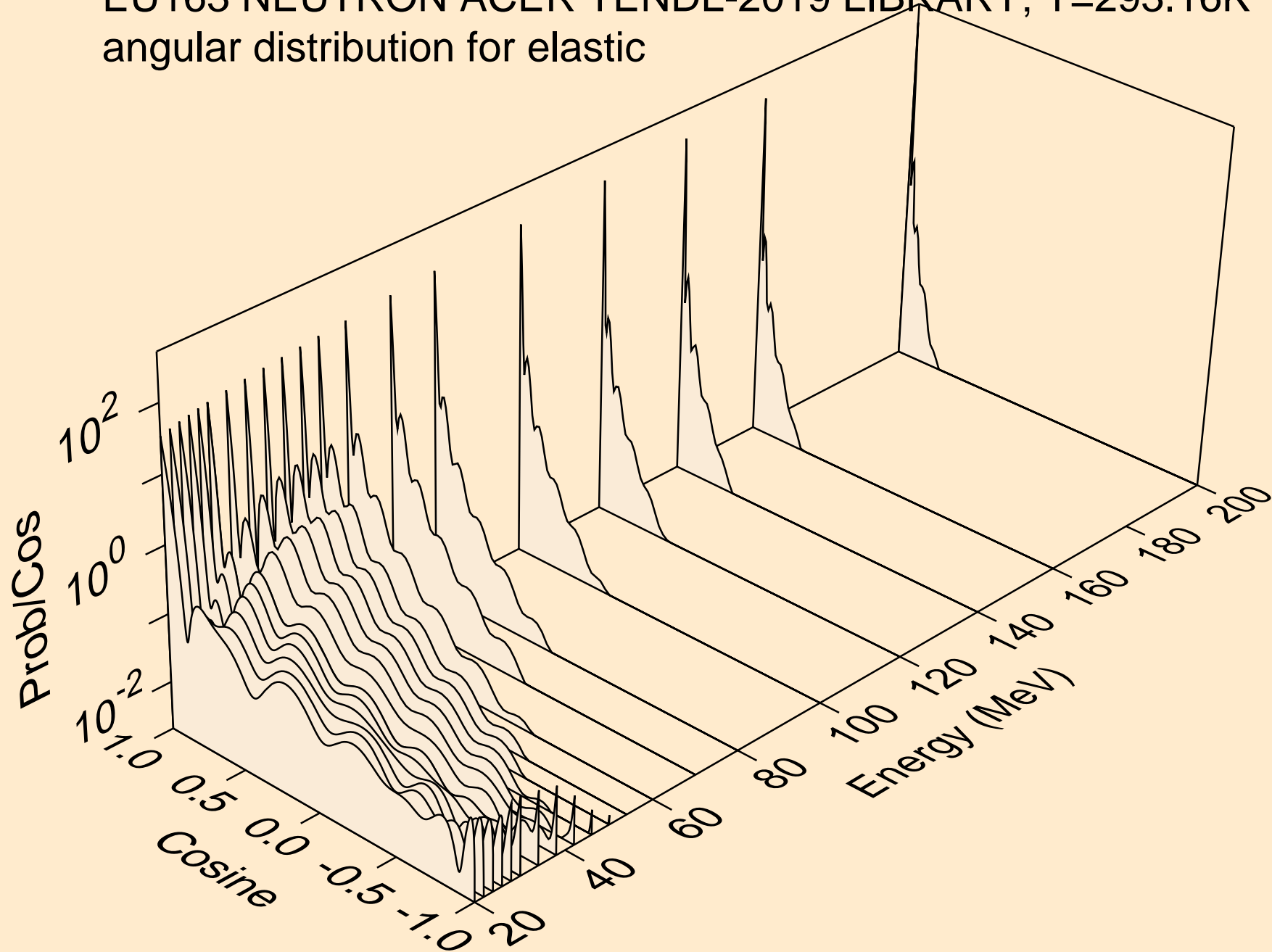
Threshold reactions



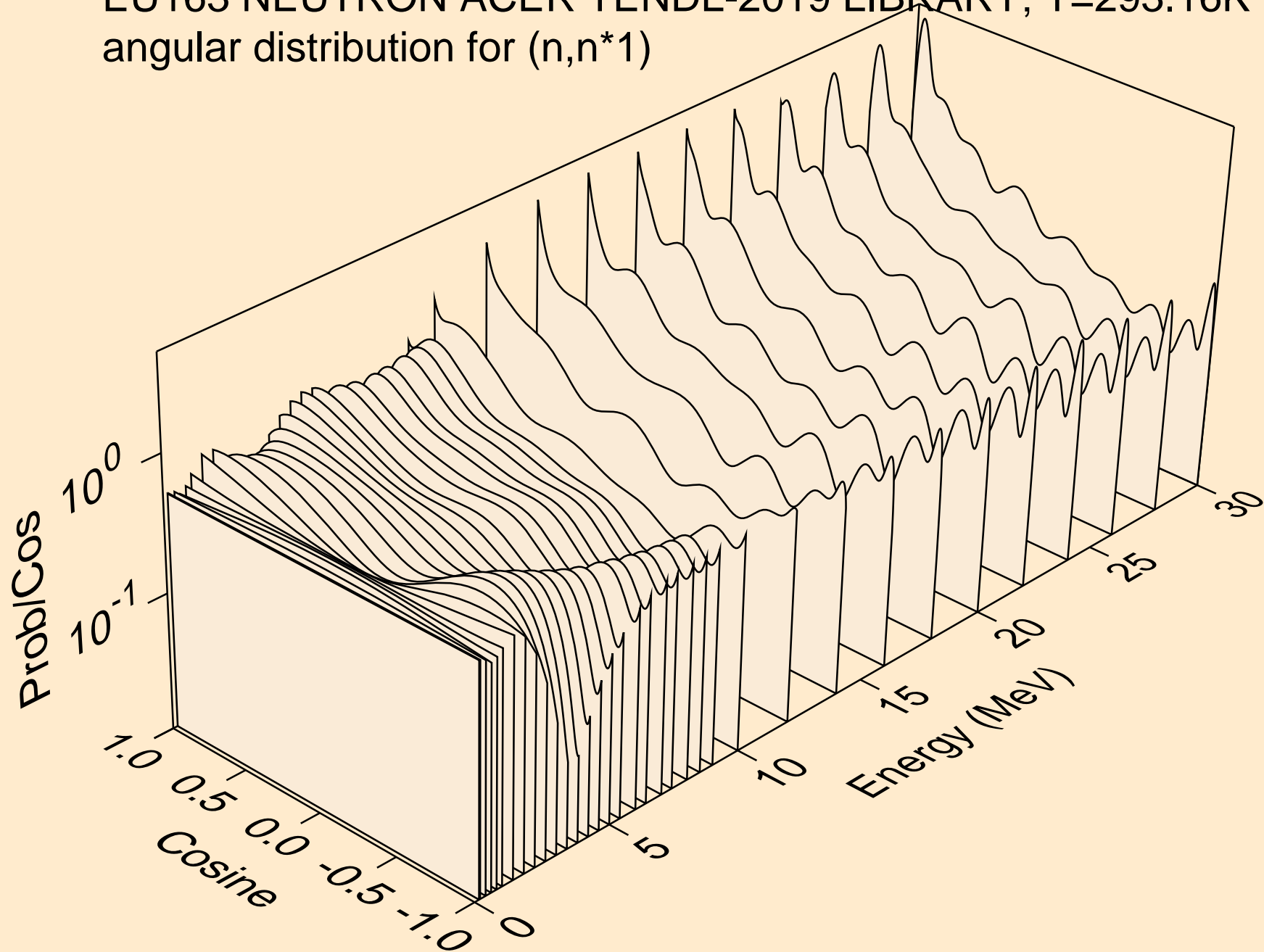
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



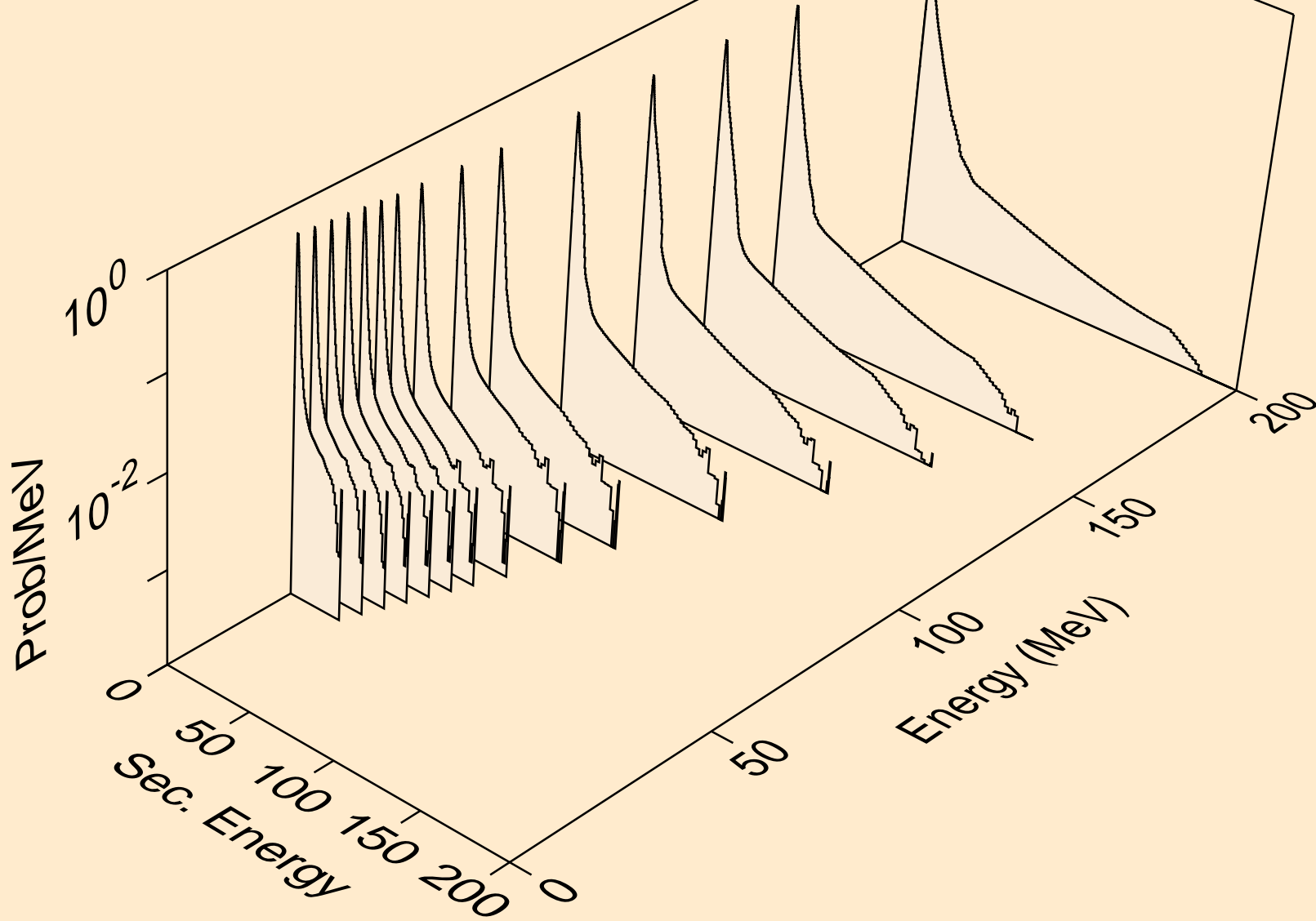
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



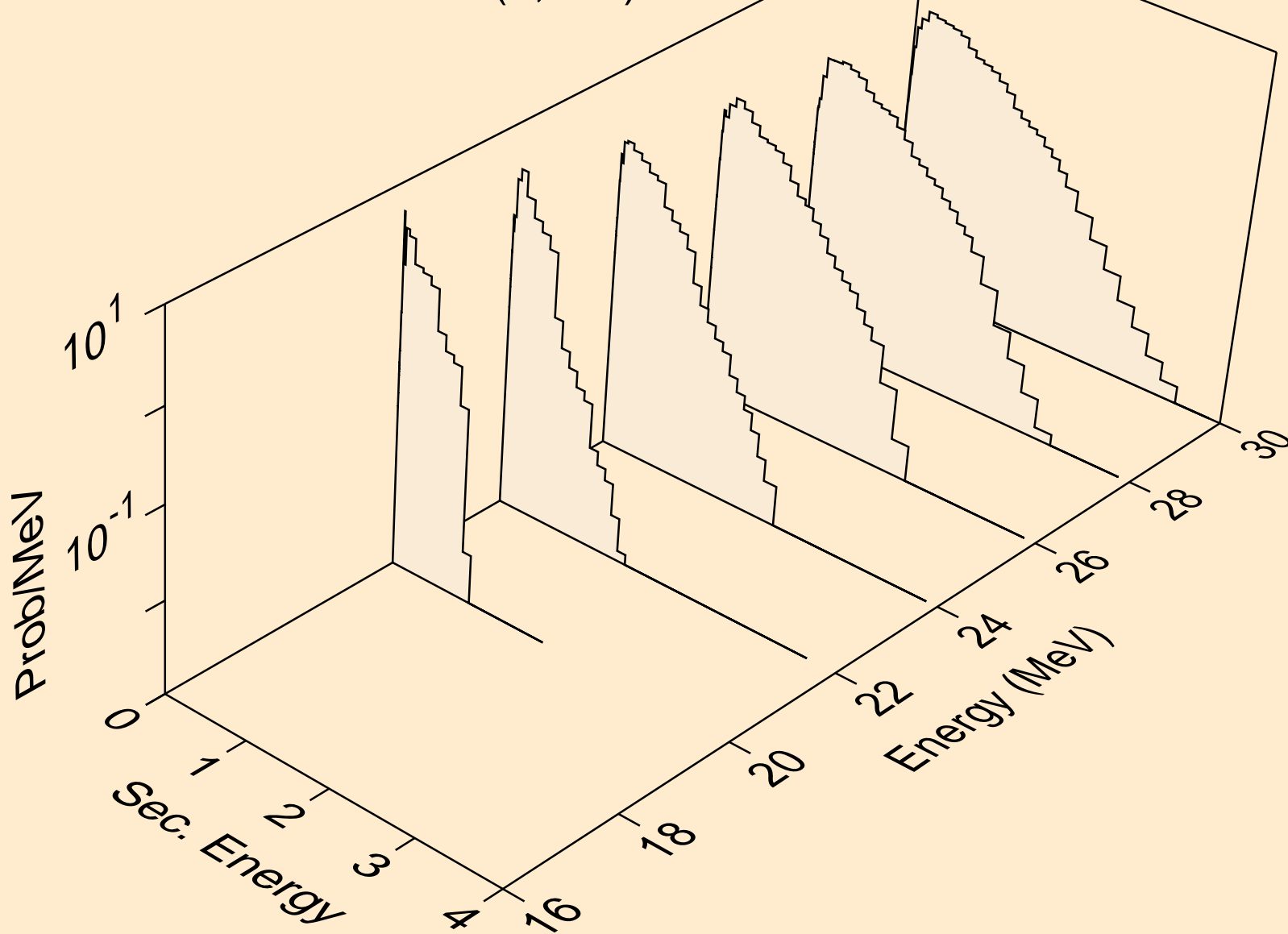
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



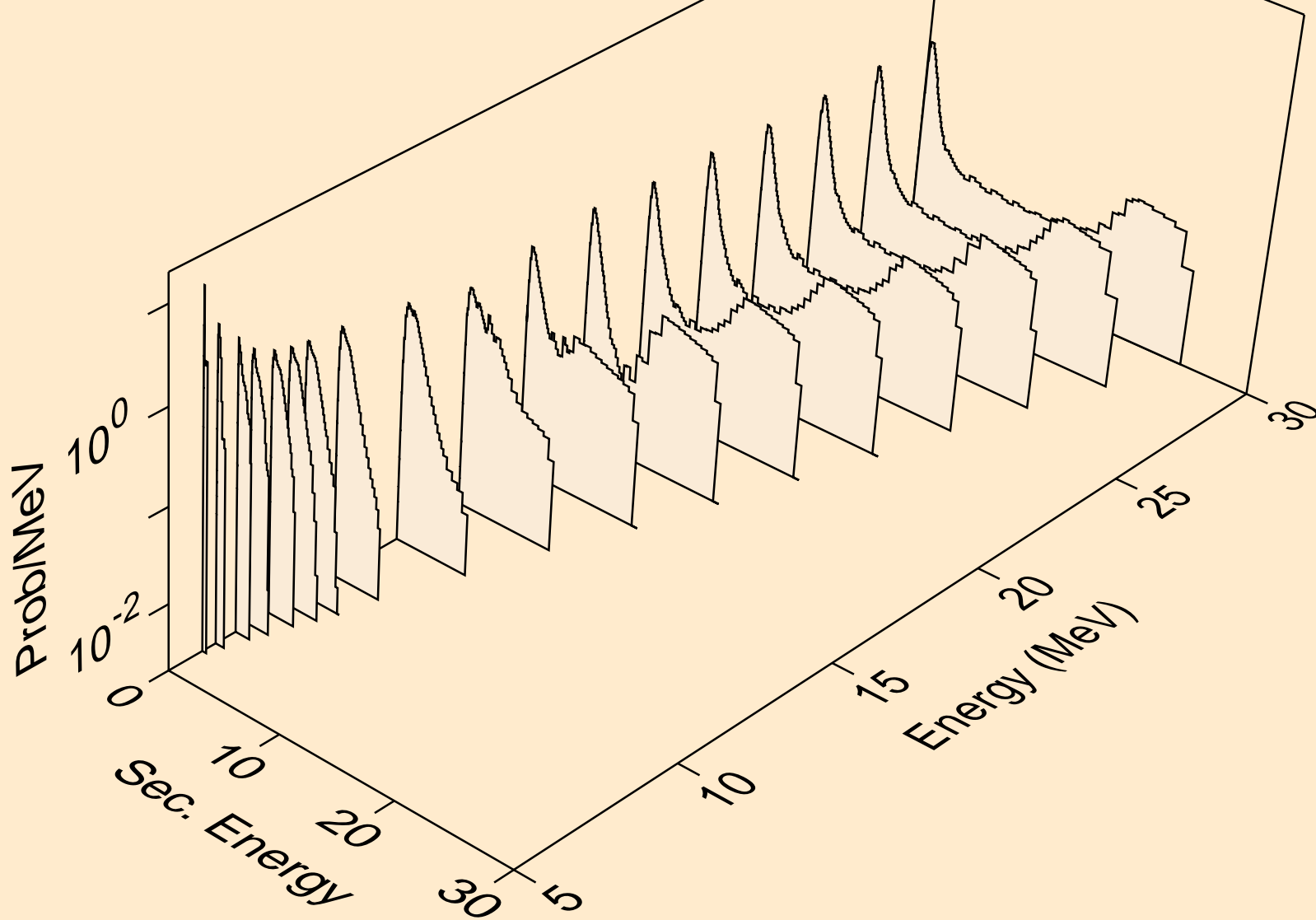
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



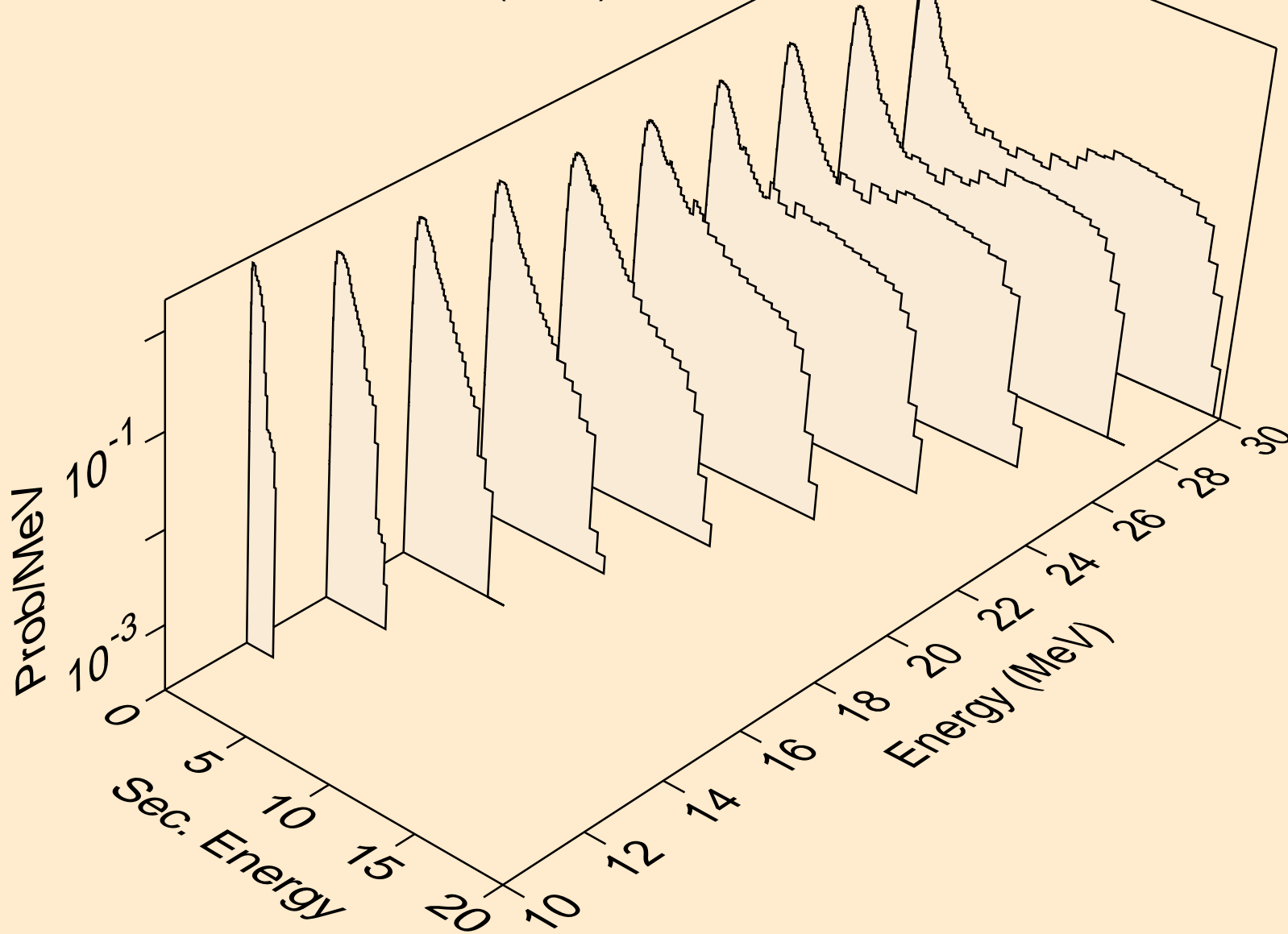
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



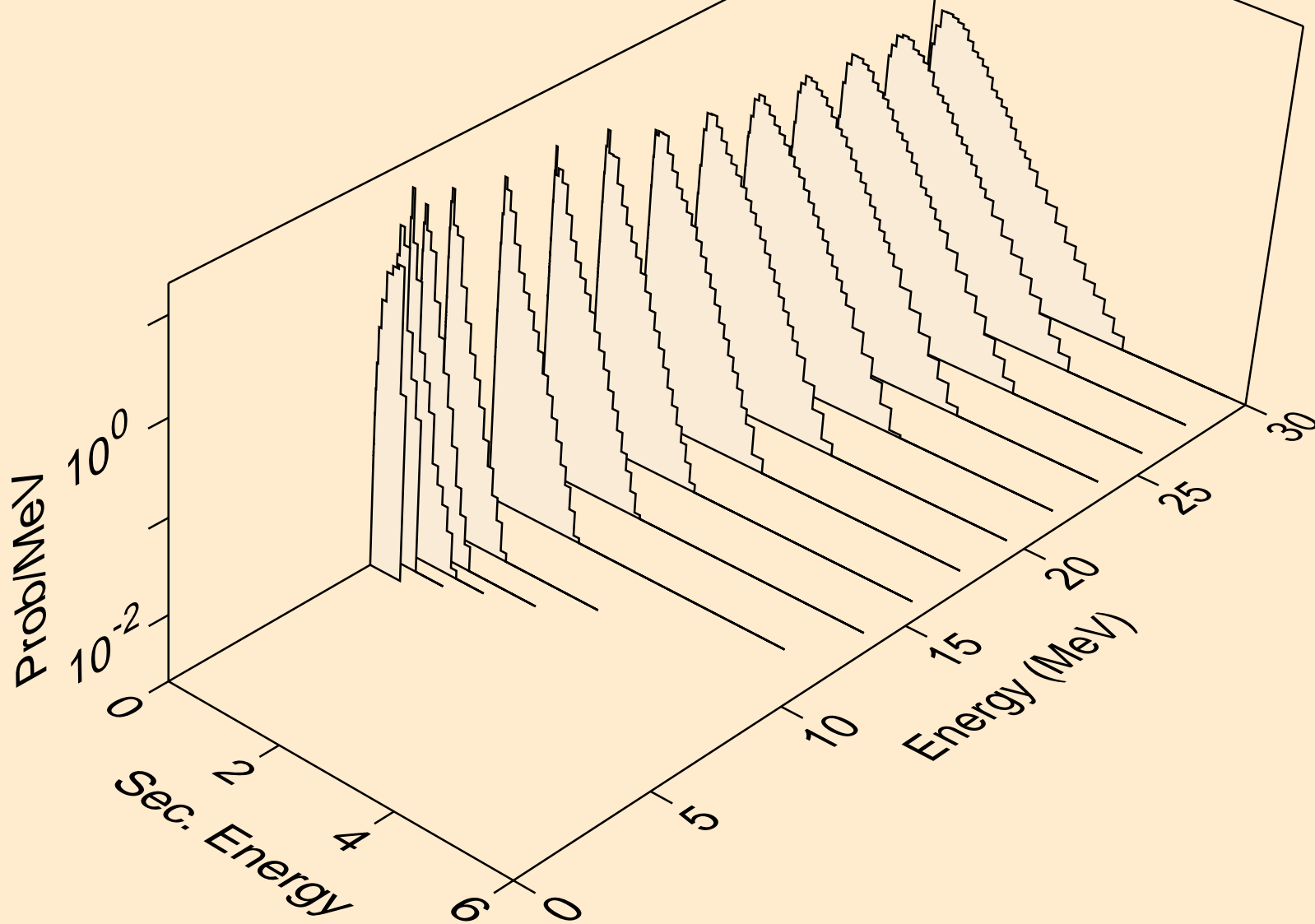
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



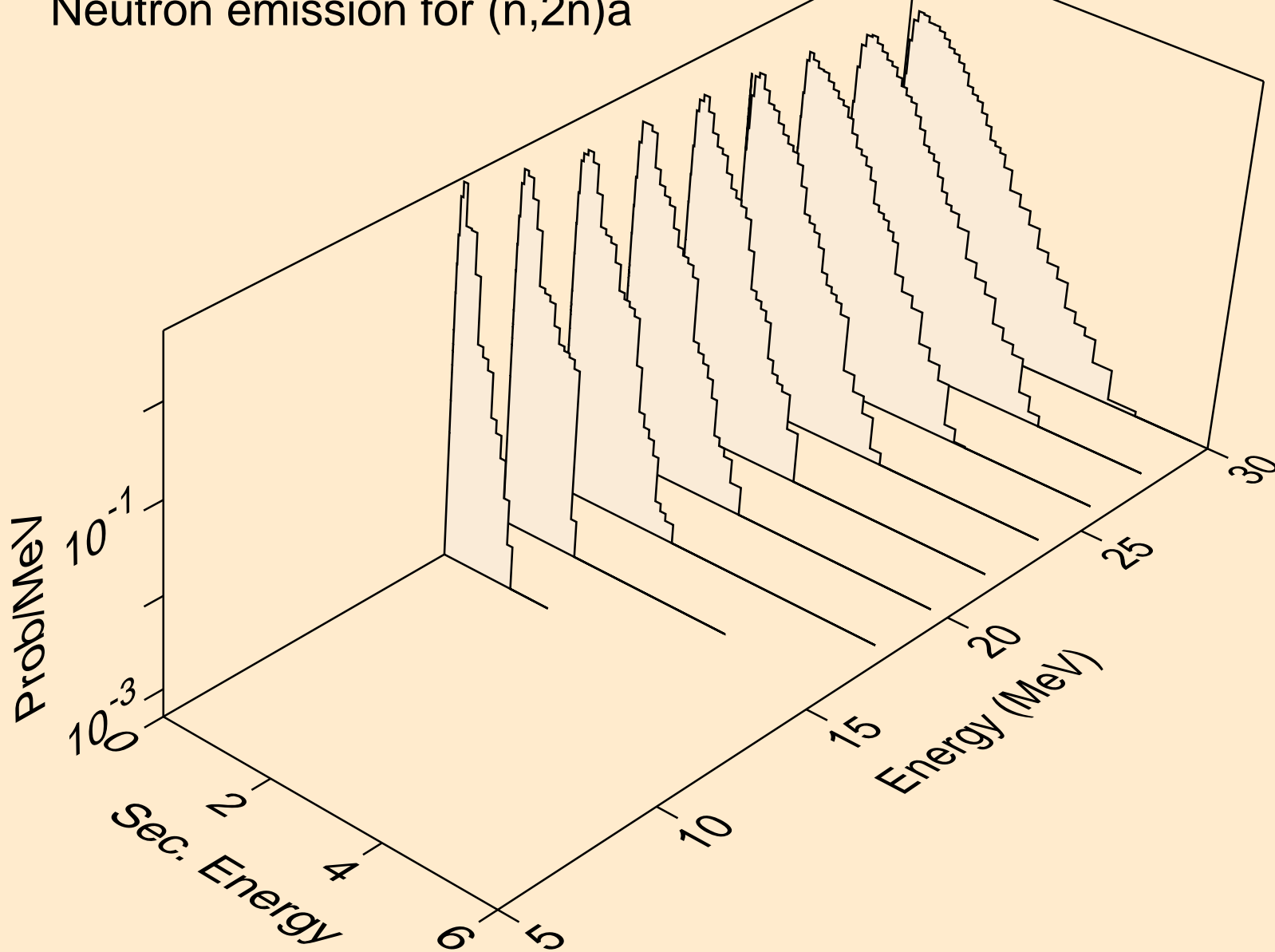
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



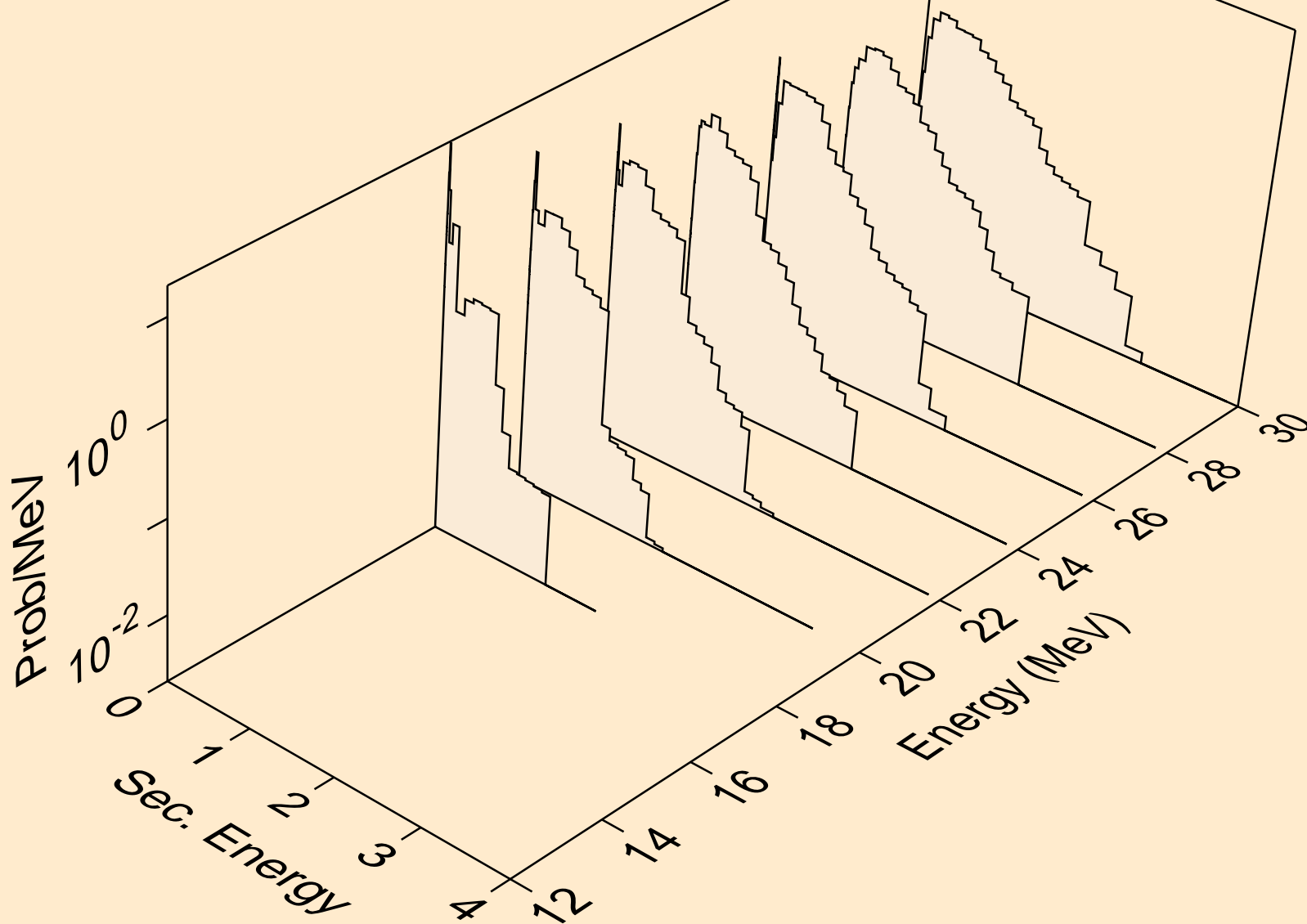
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



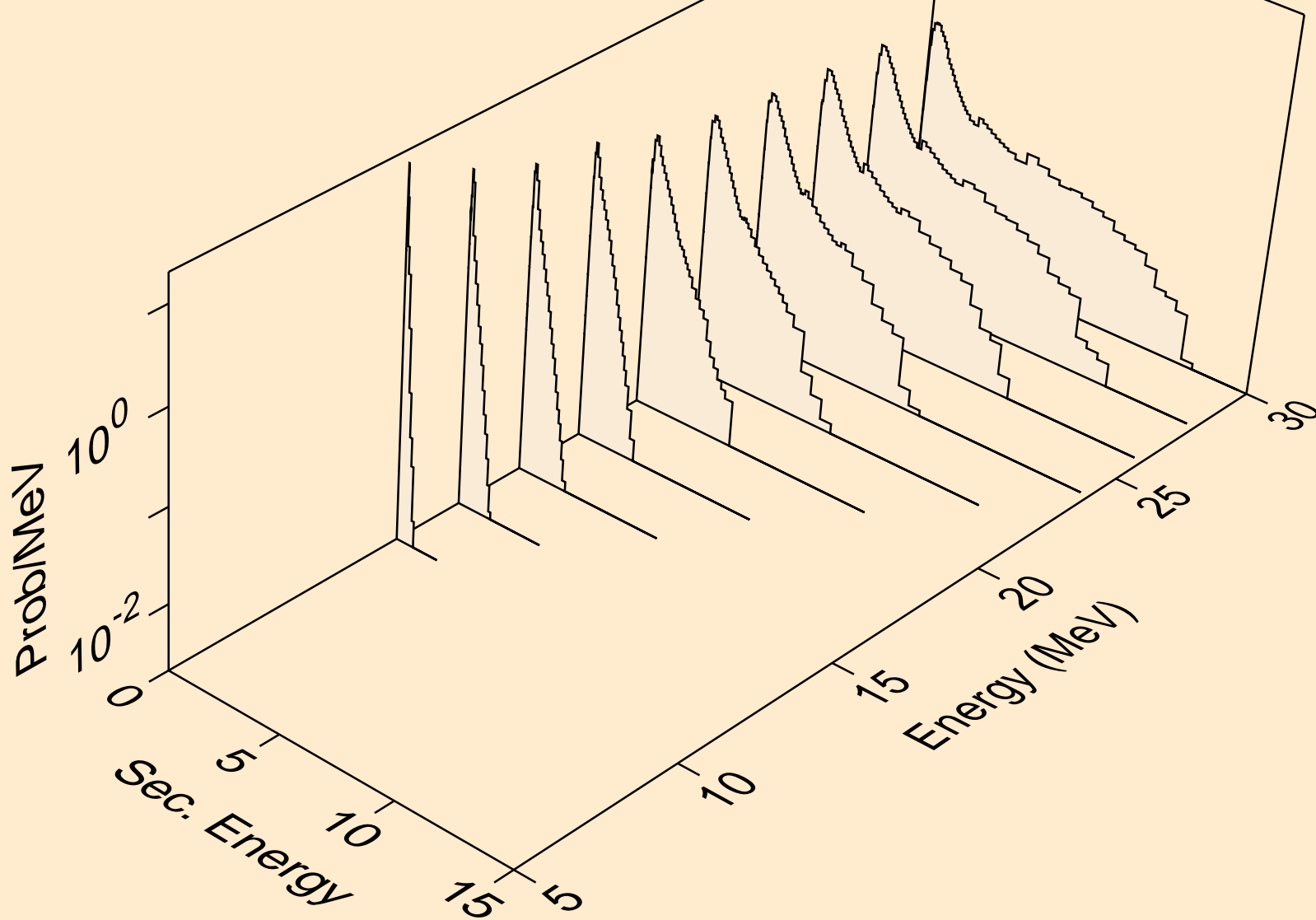
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)_a



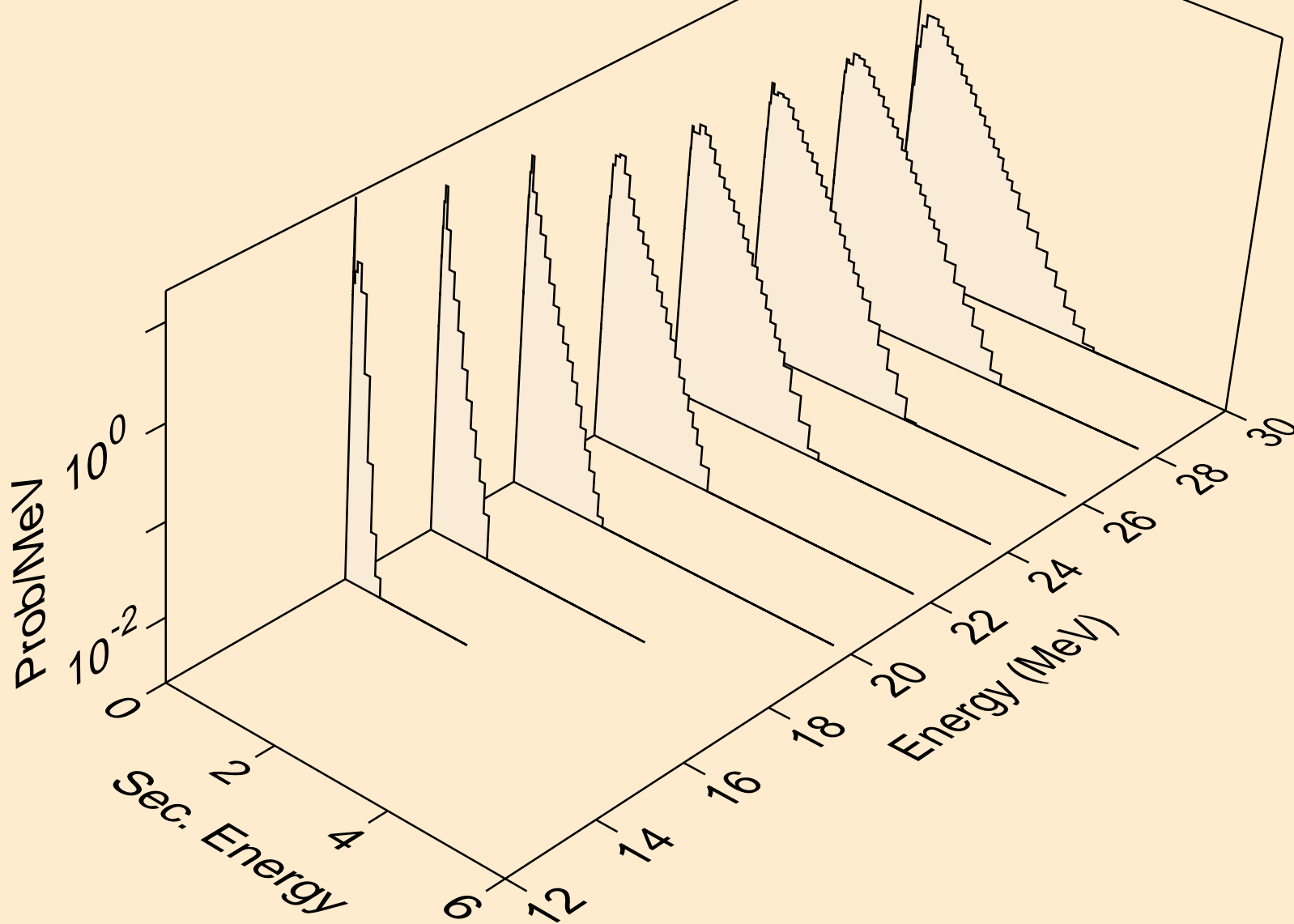
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



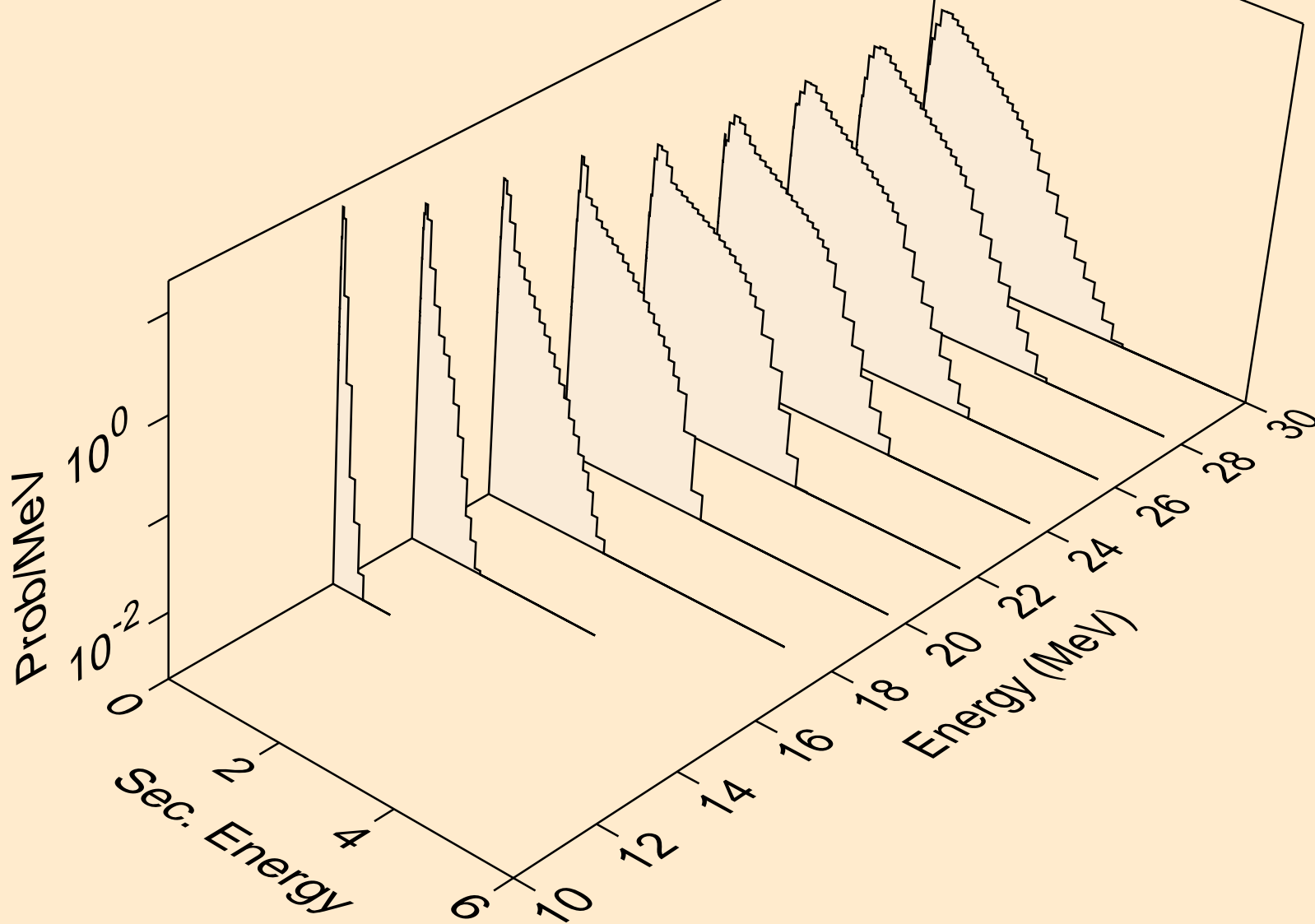
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



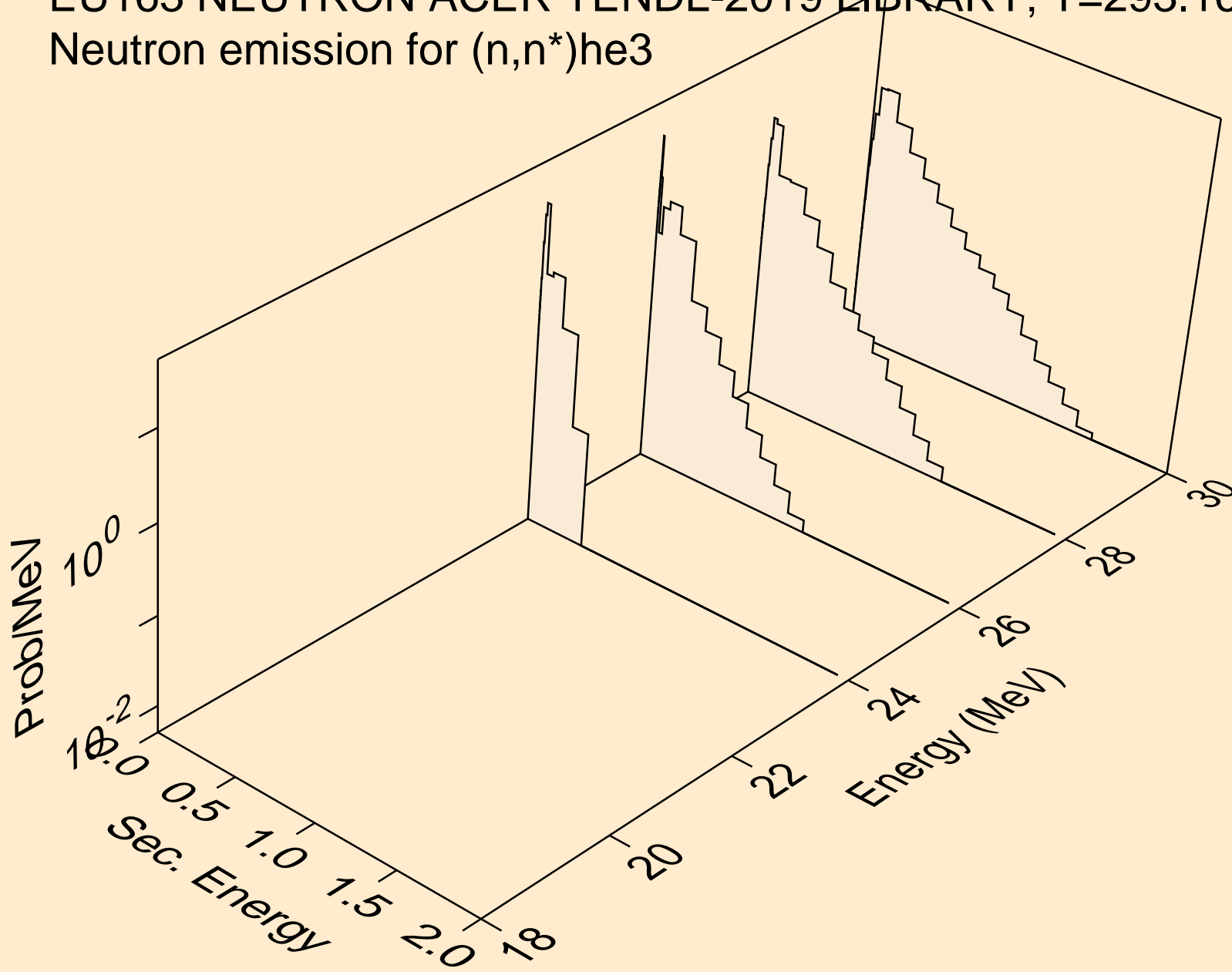
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



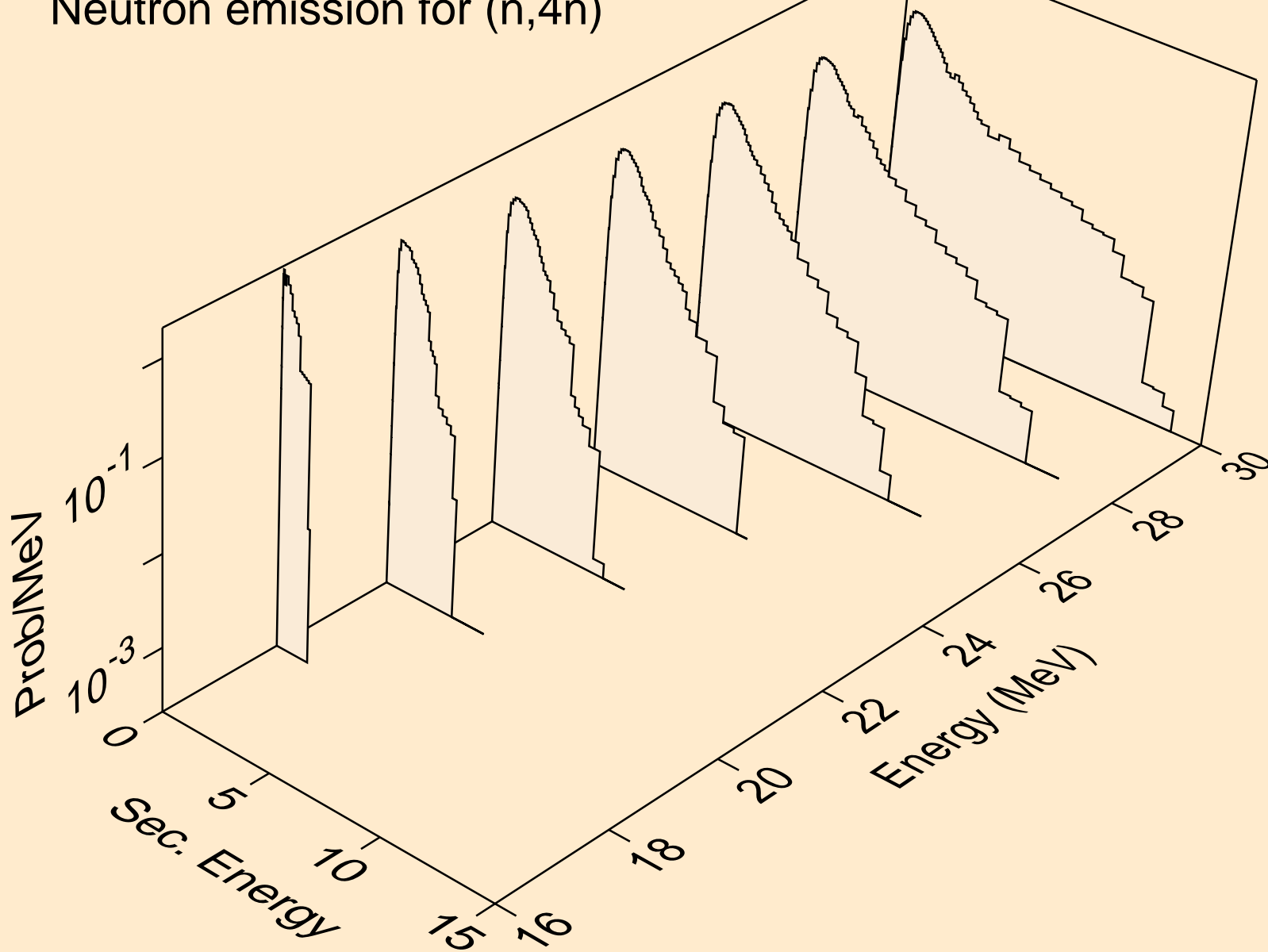
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



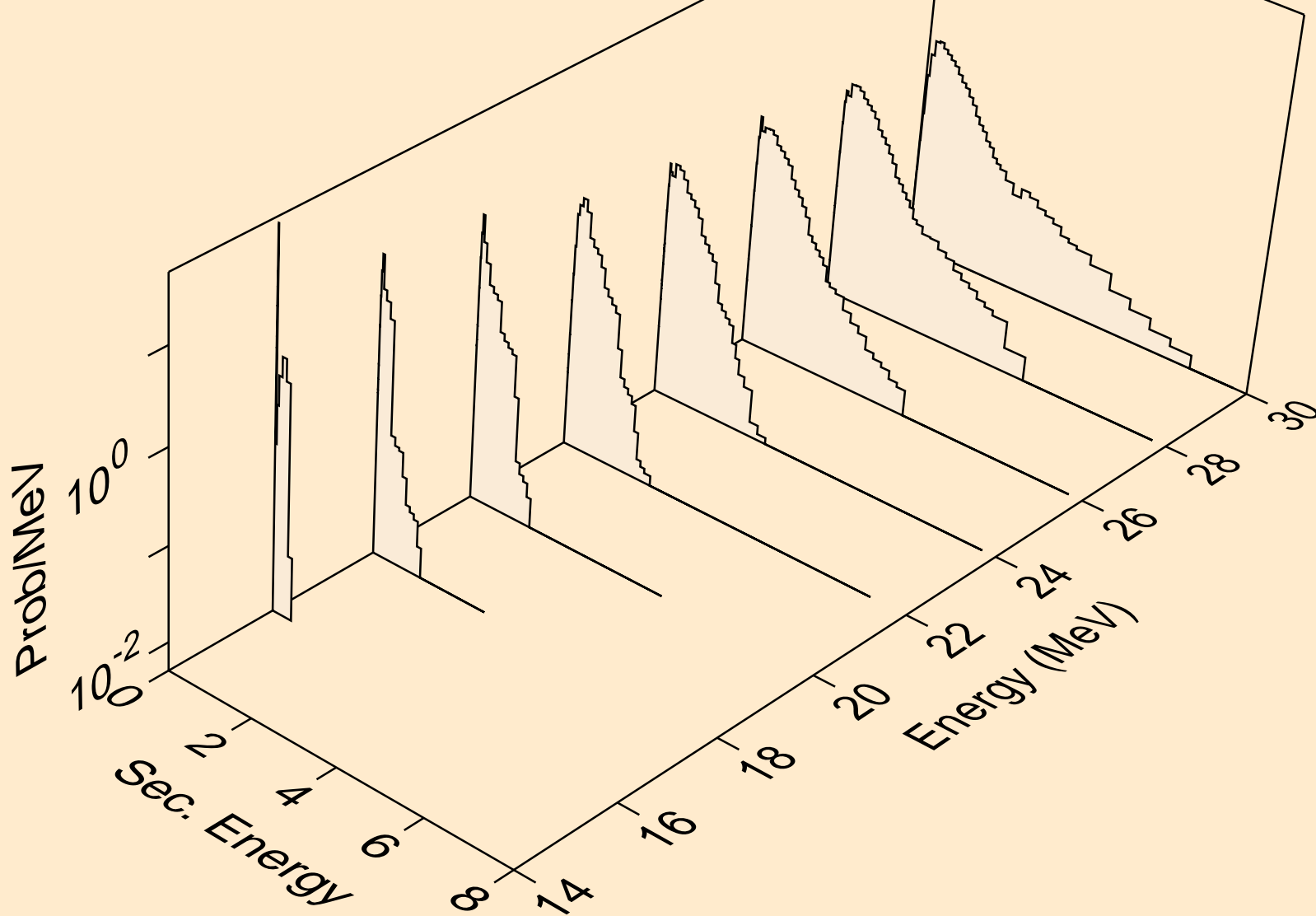
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



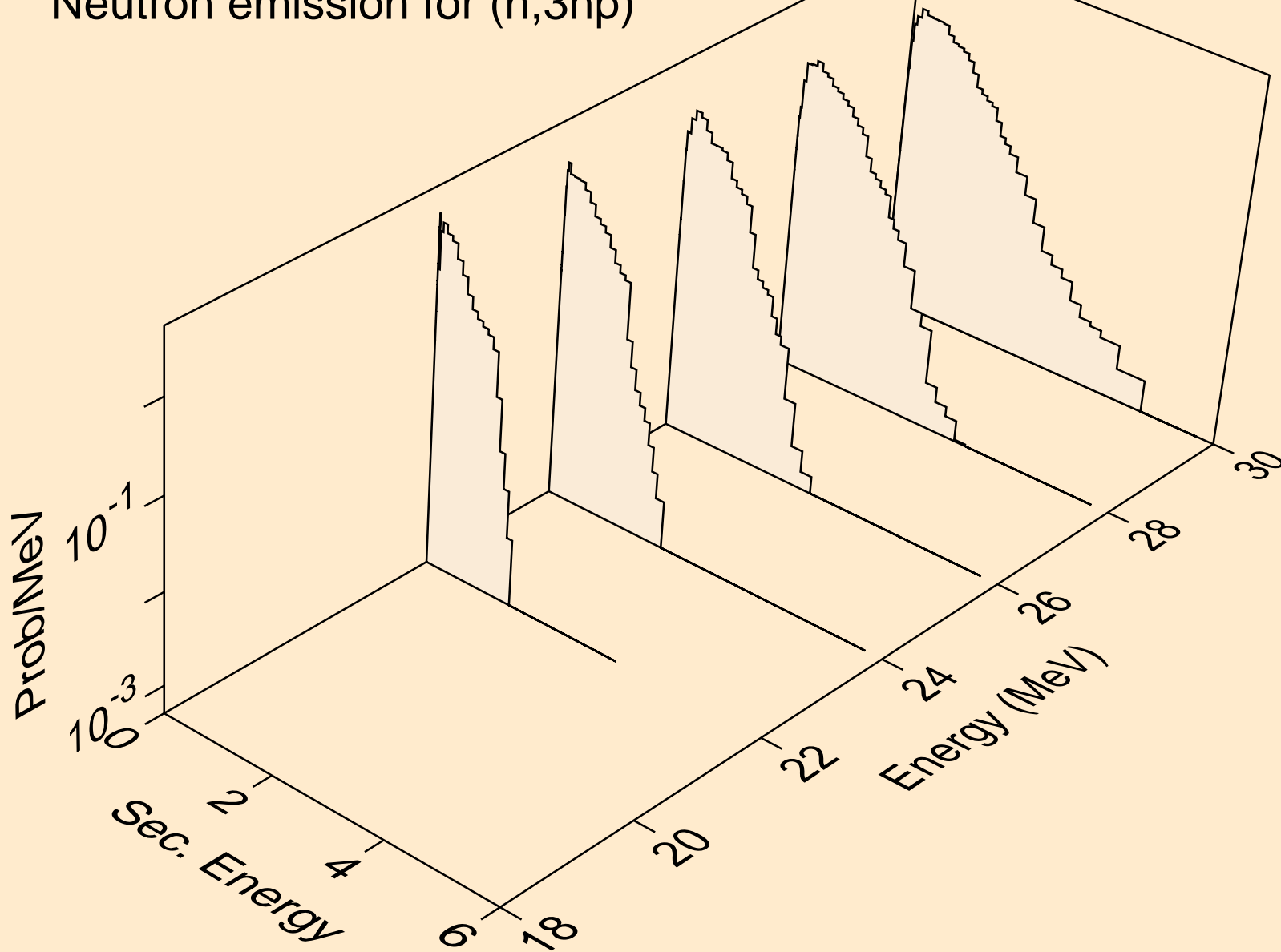
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



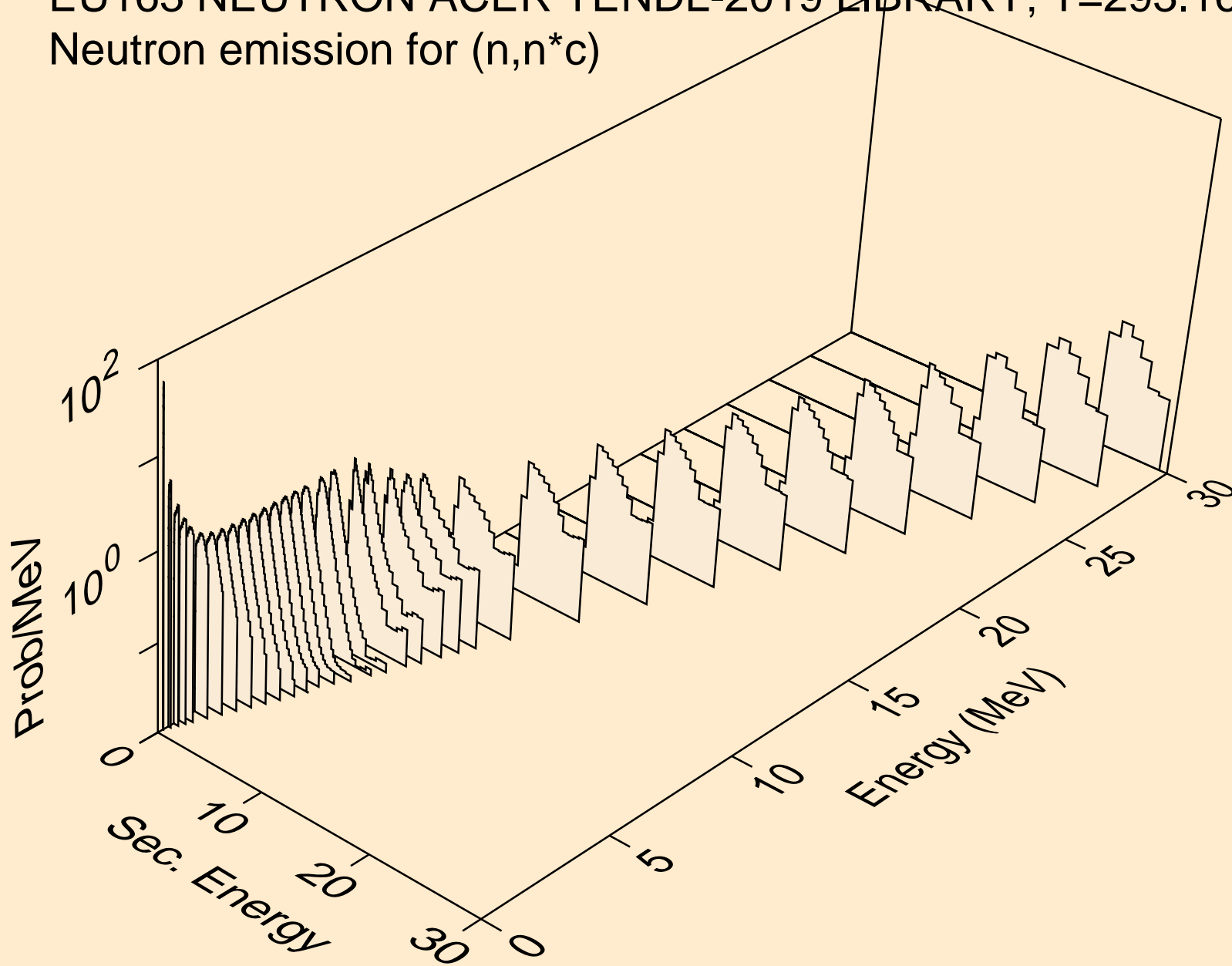
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



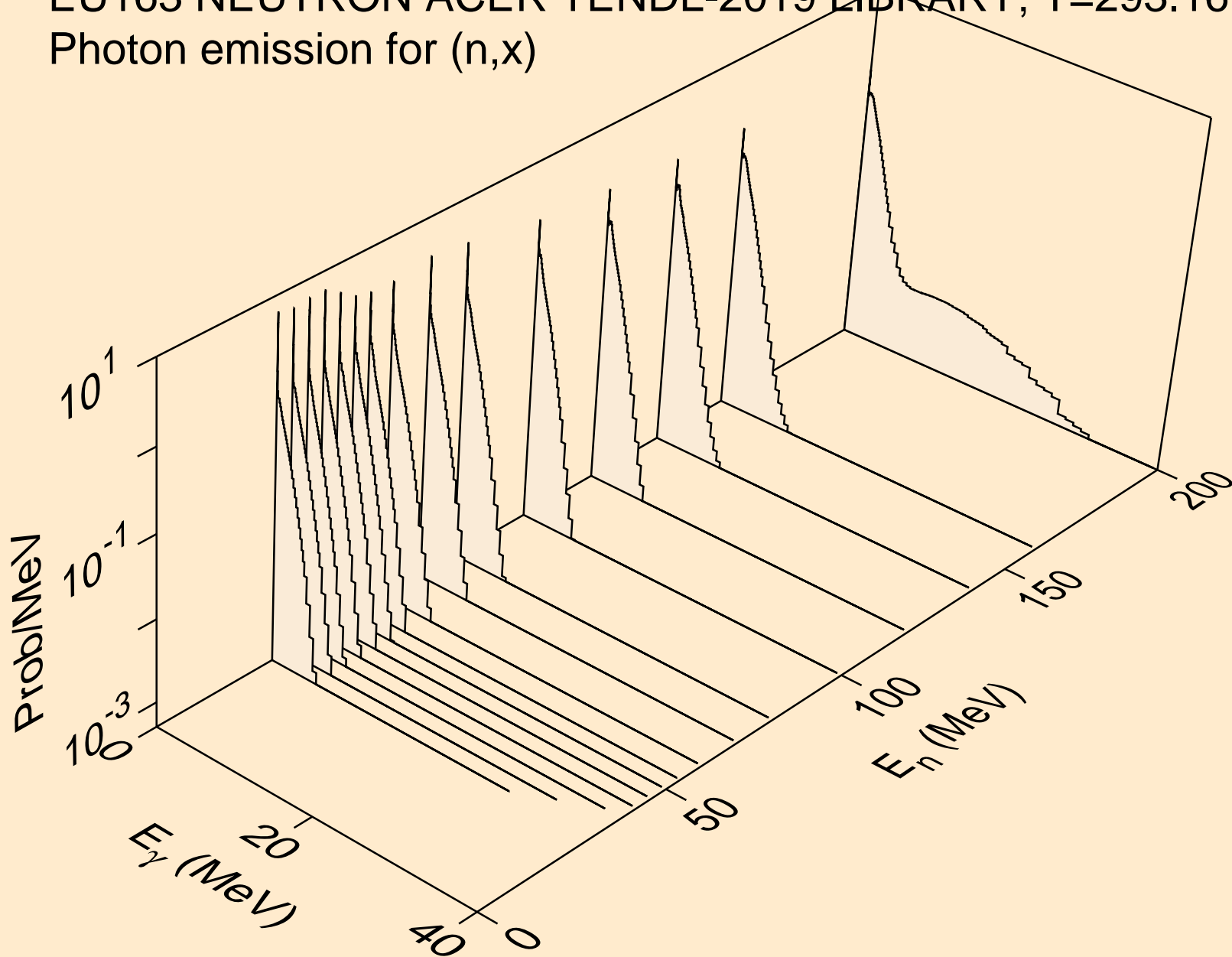
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



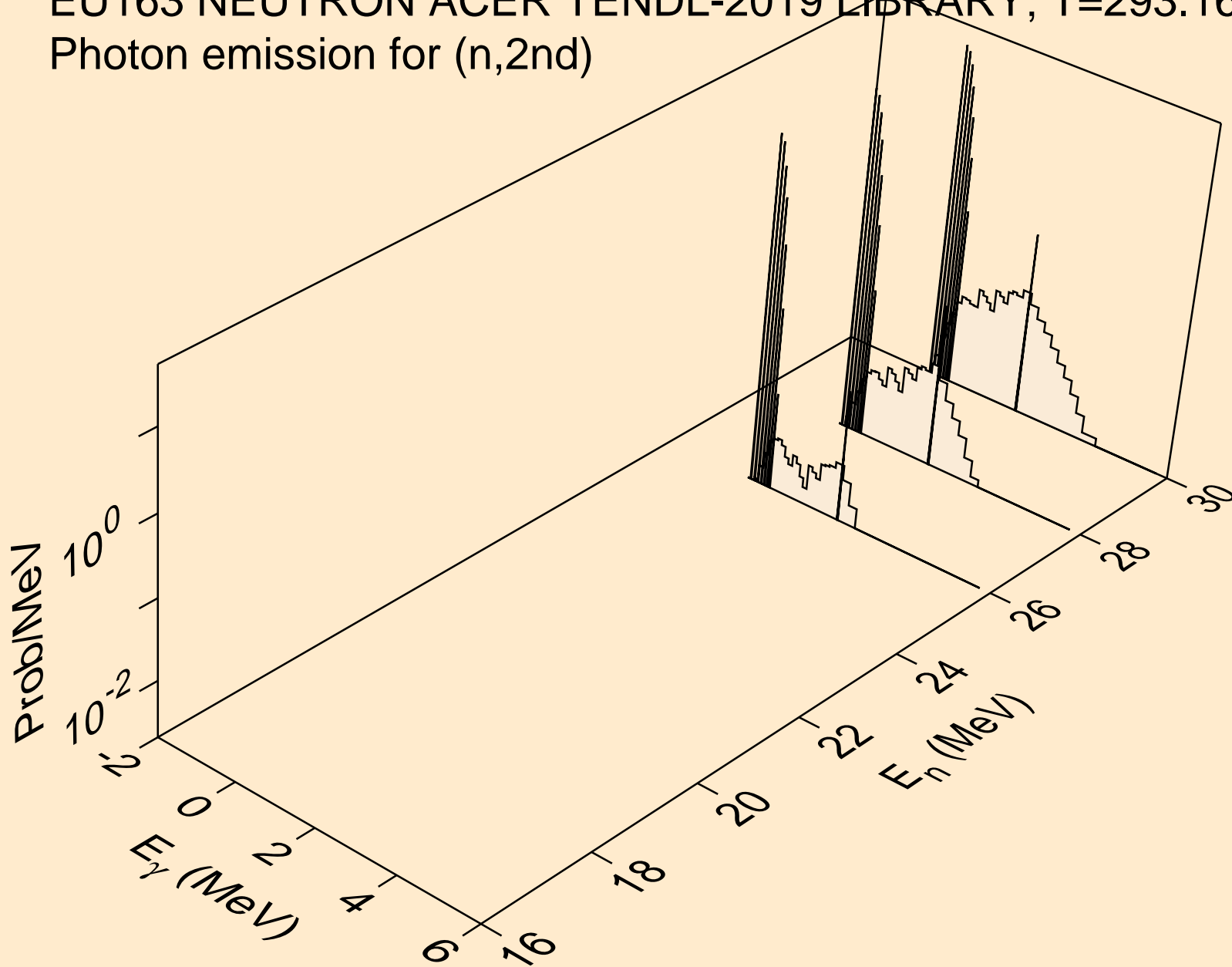
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



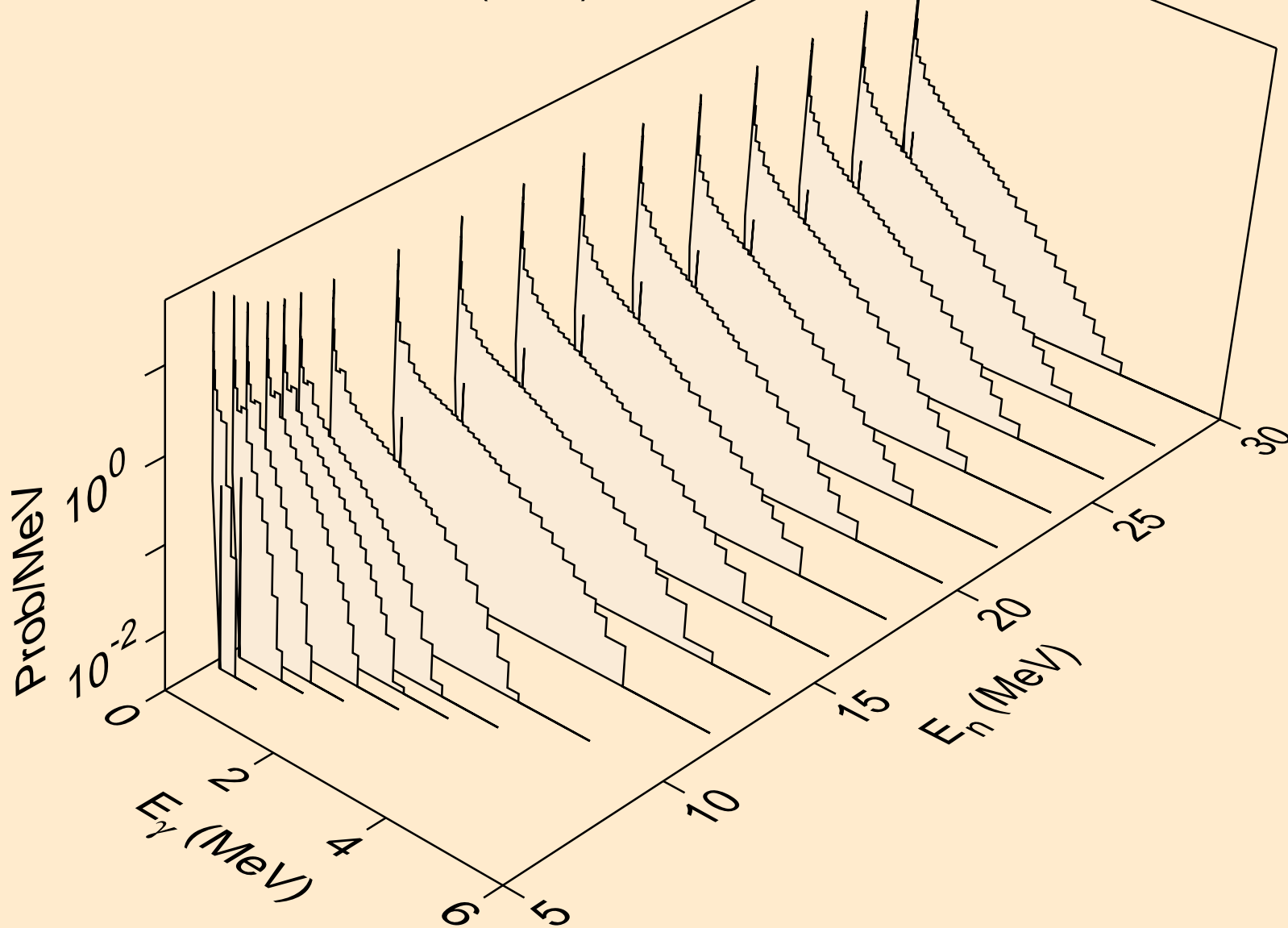
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



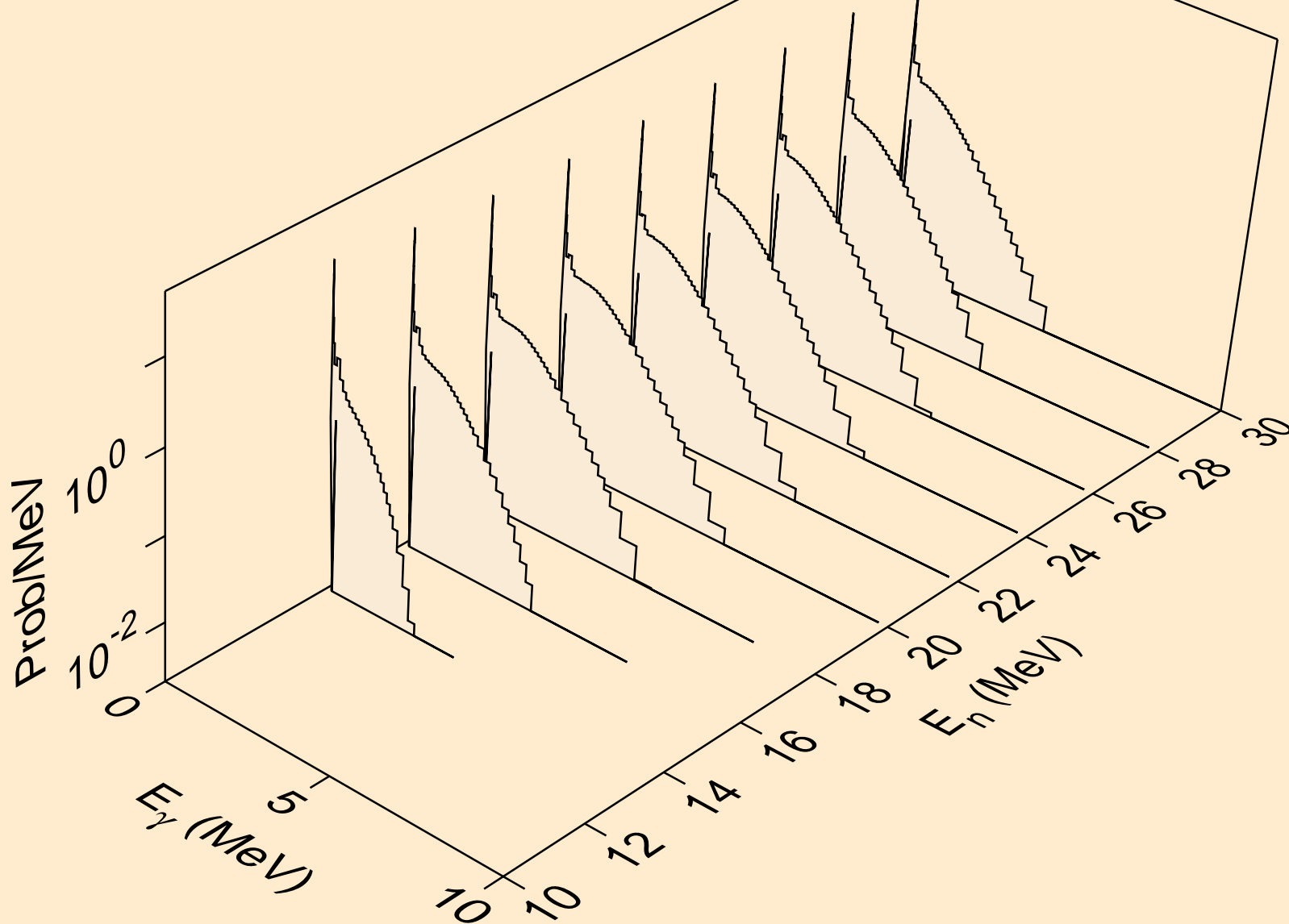
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



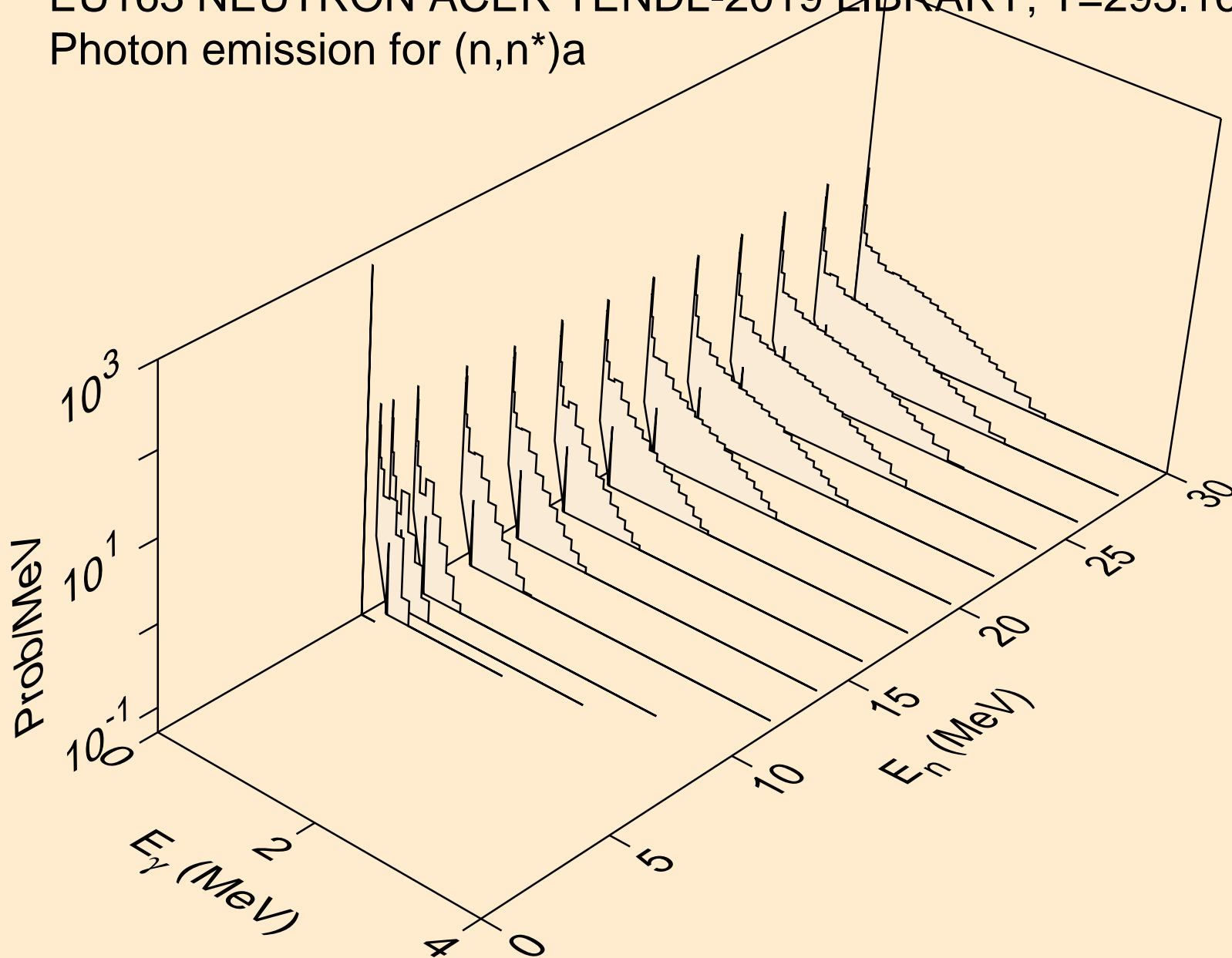
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



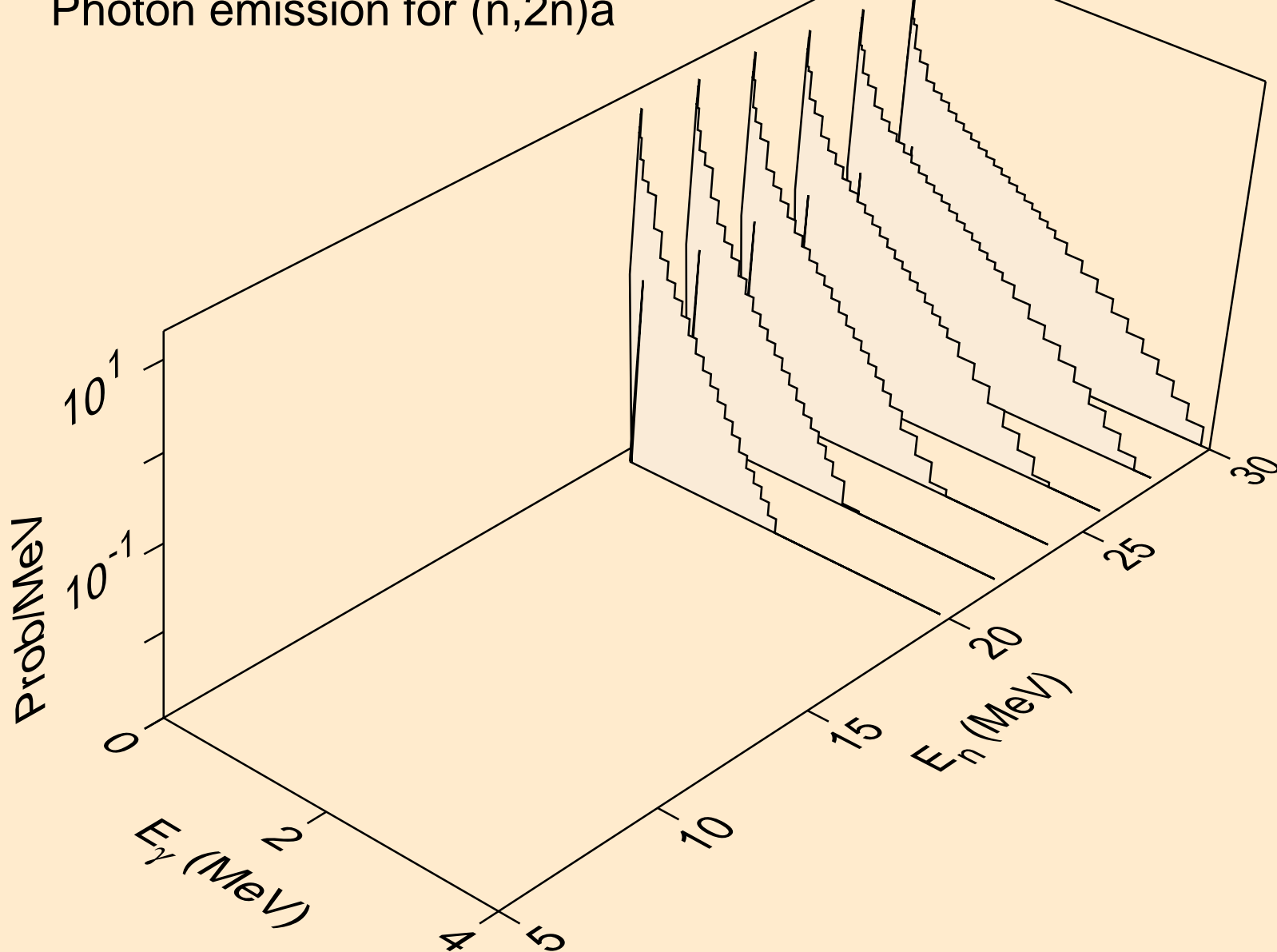
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



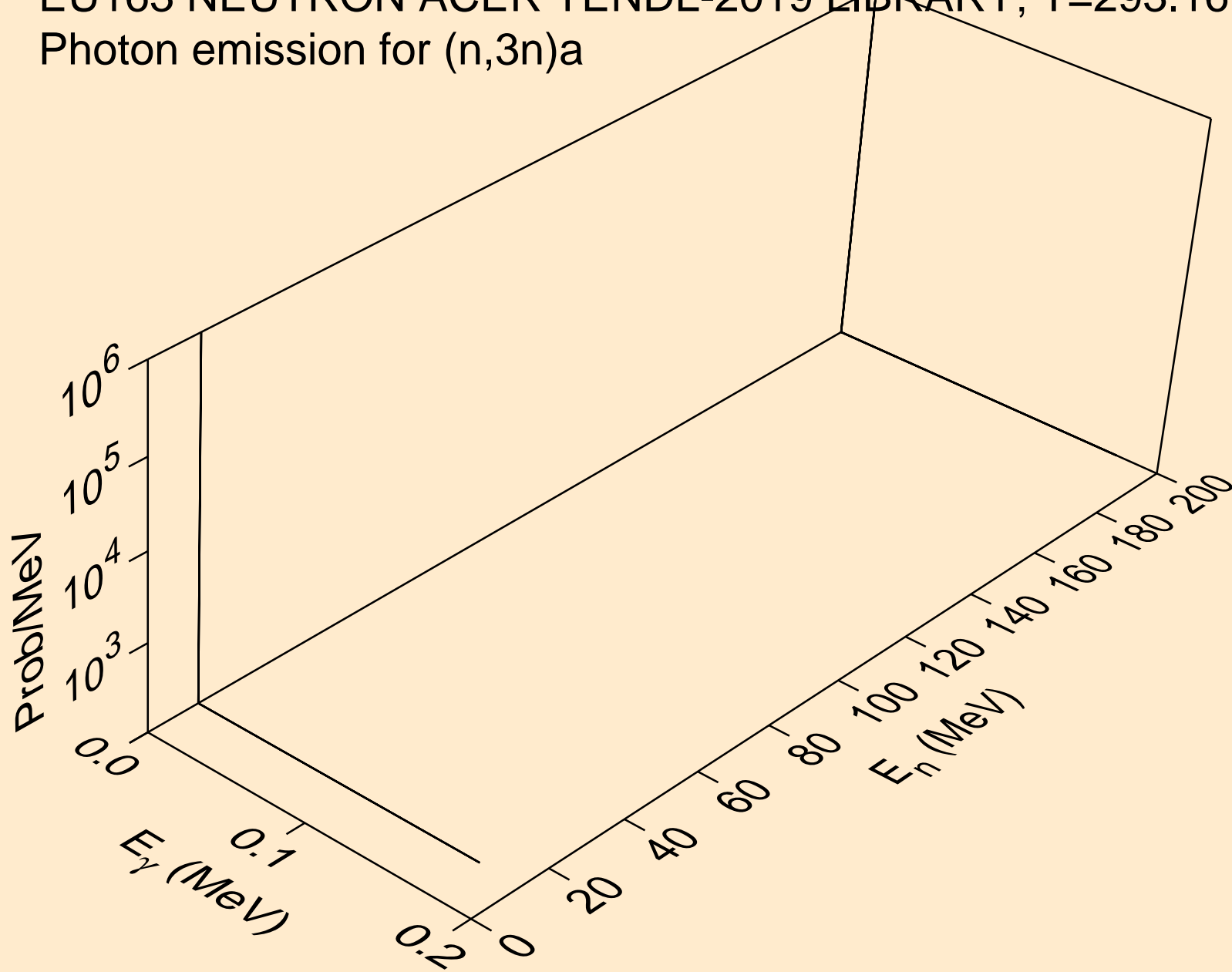
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



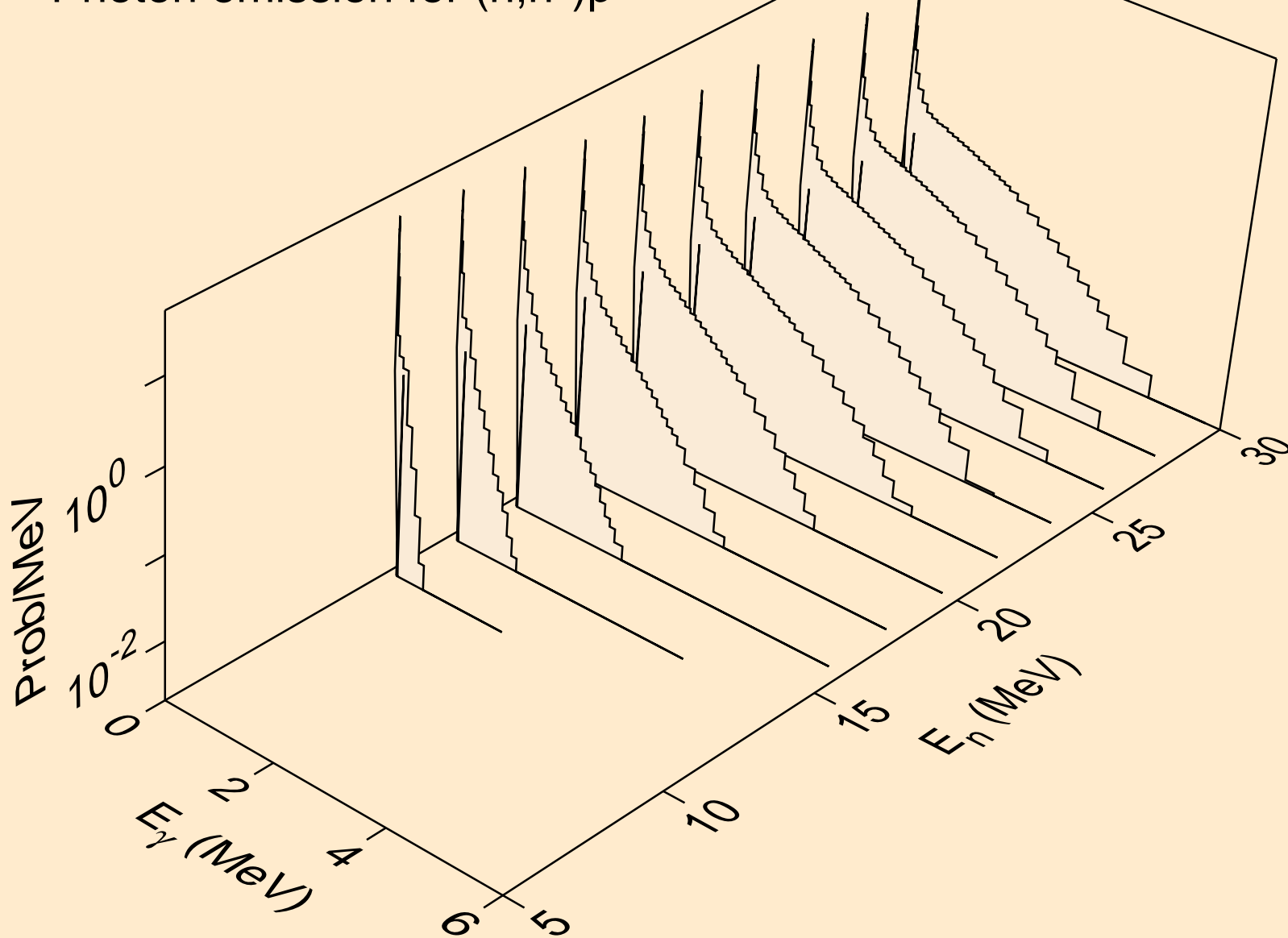
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)a



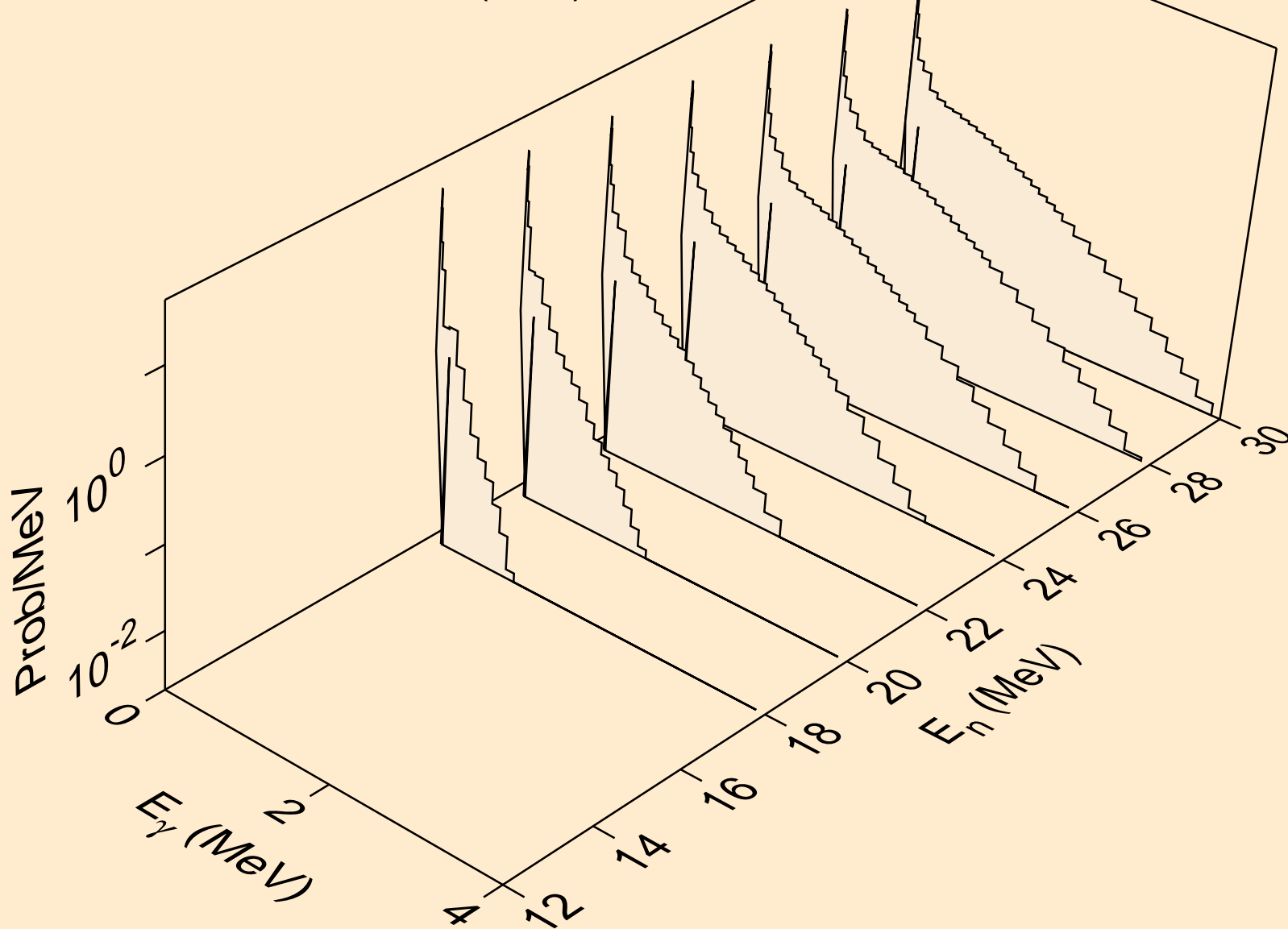
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



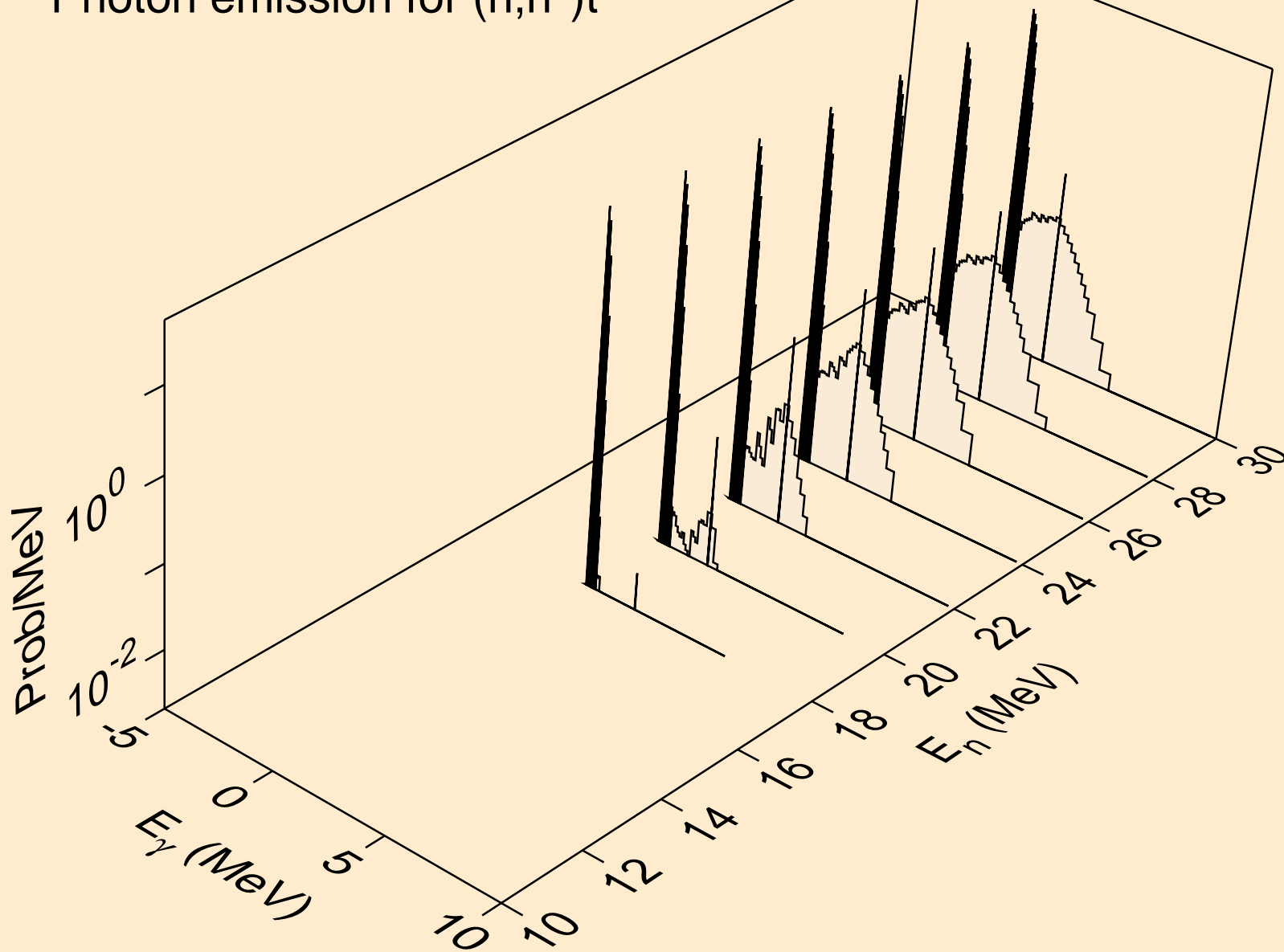
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



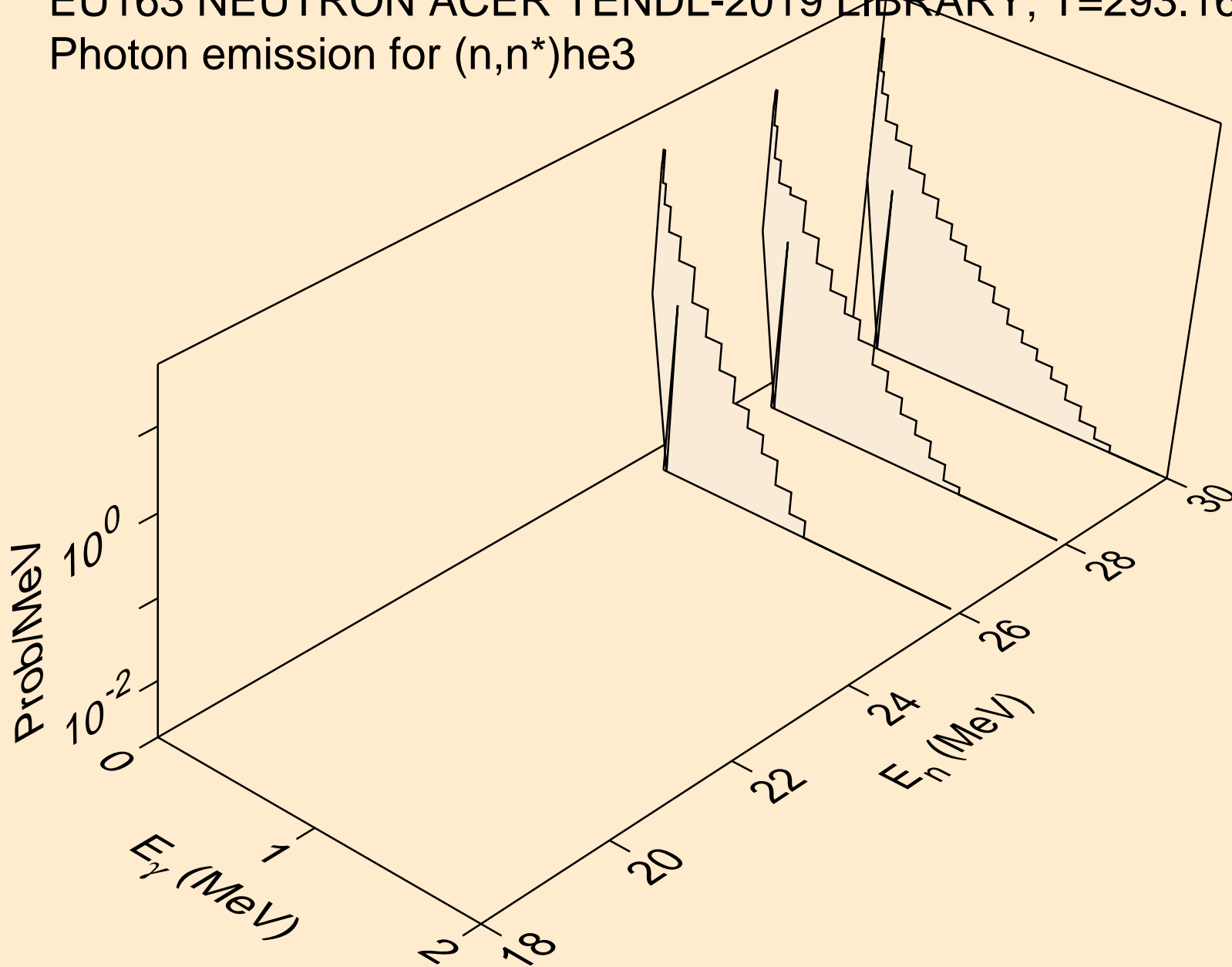
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



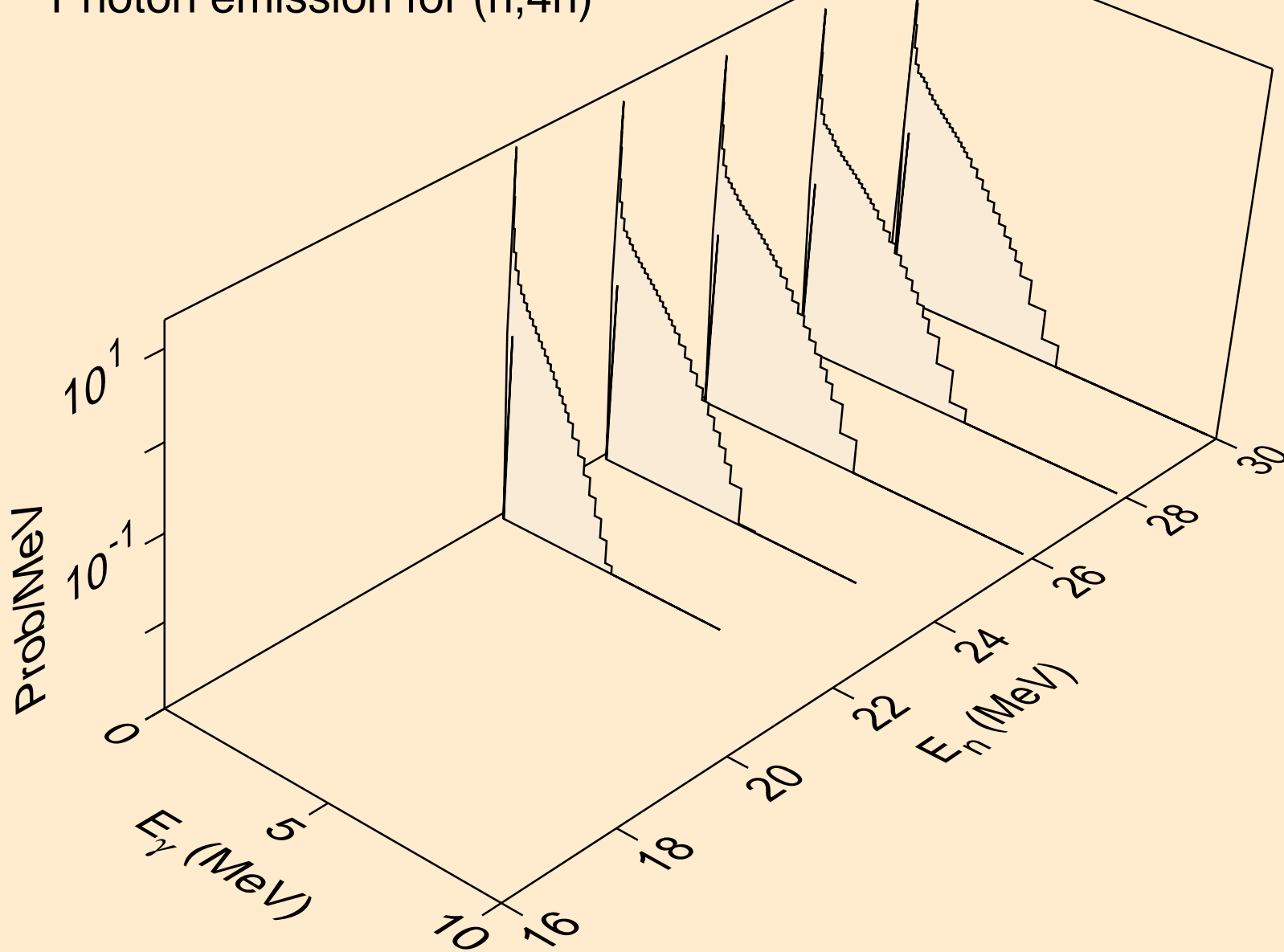
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



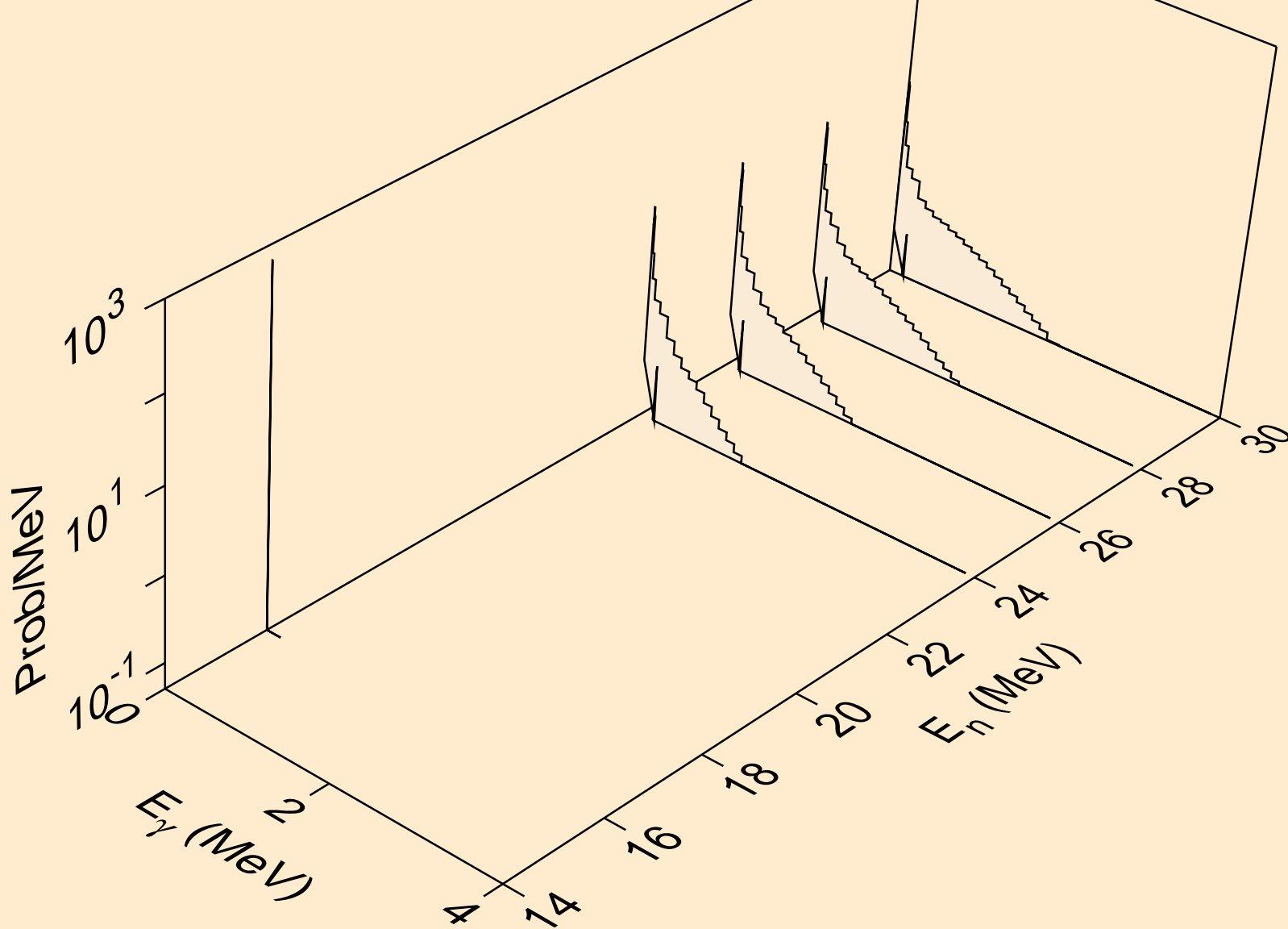
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



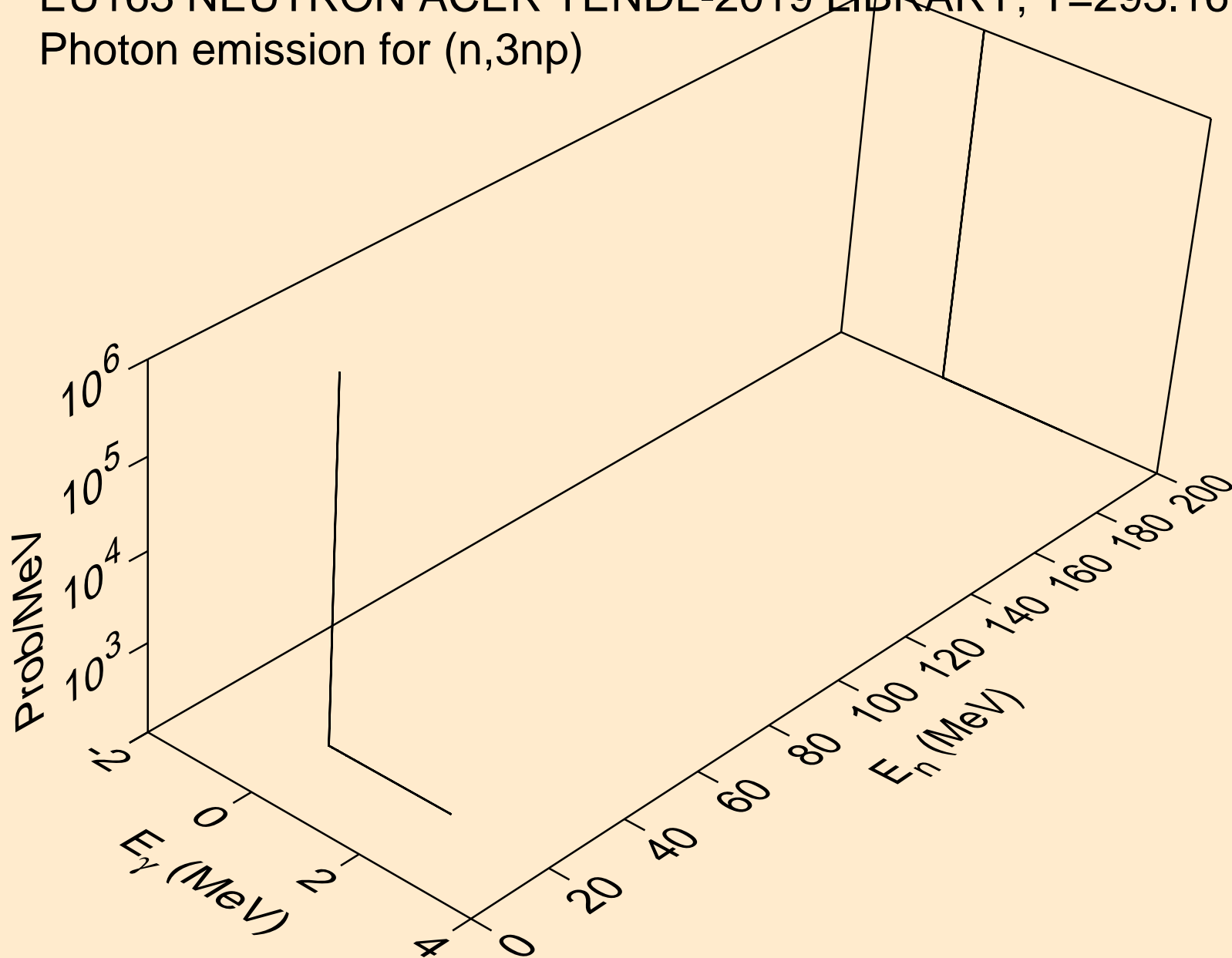
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



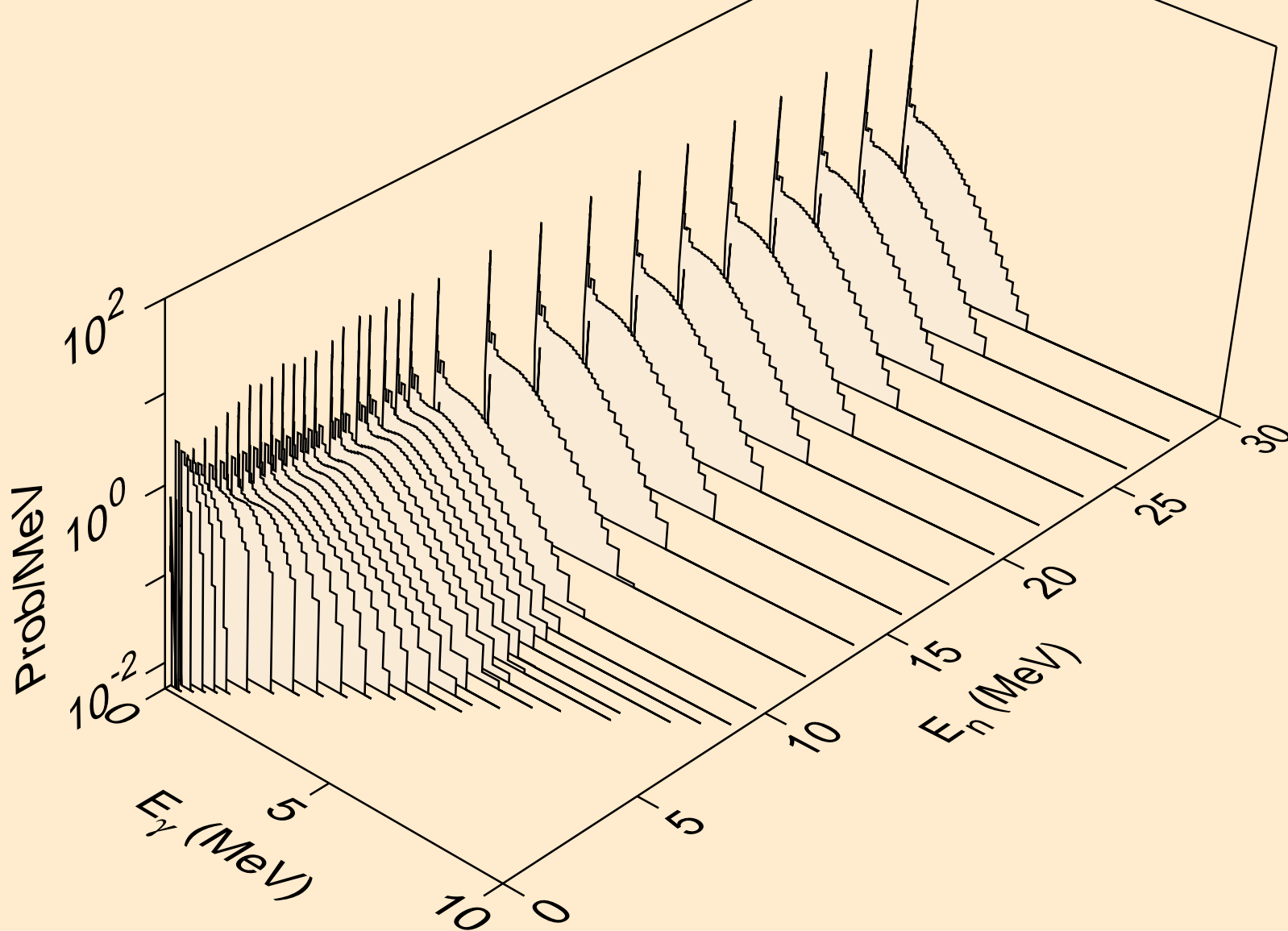
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



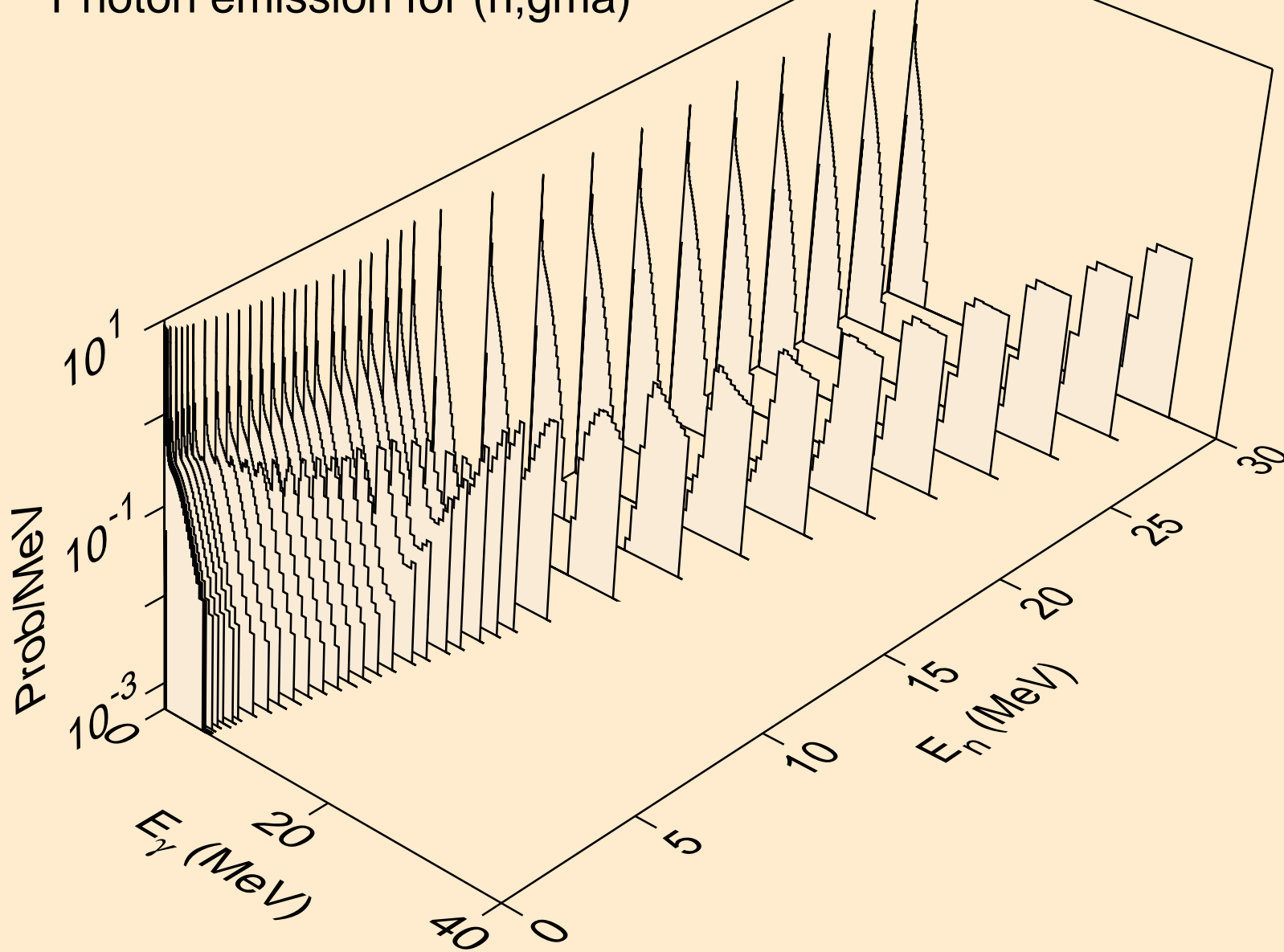
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



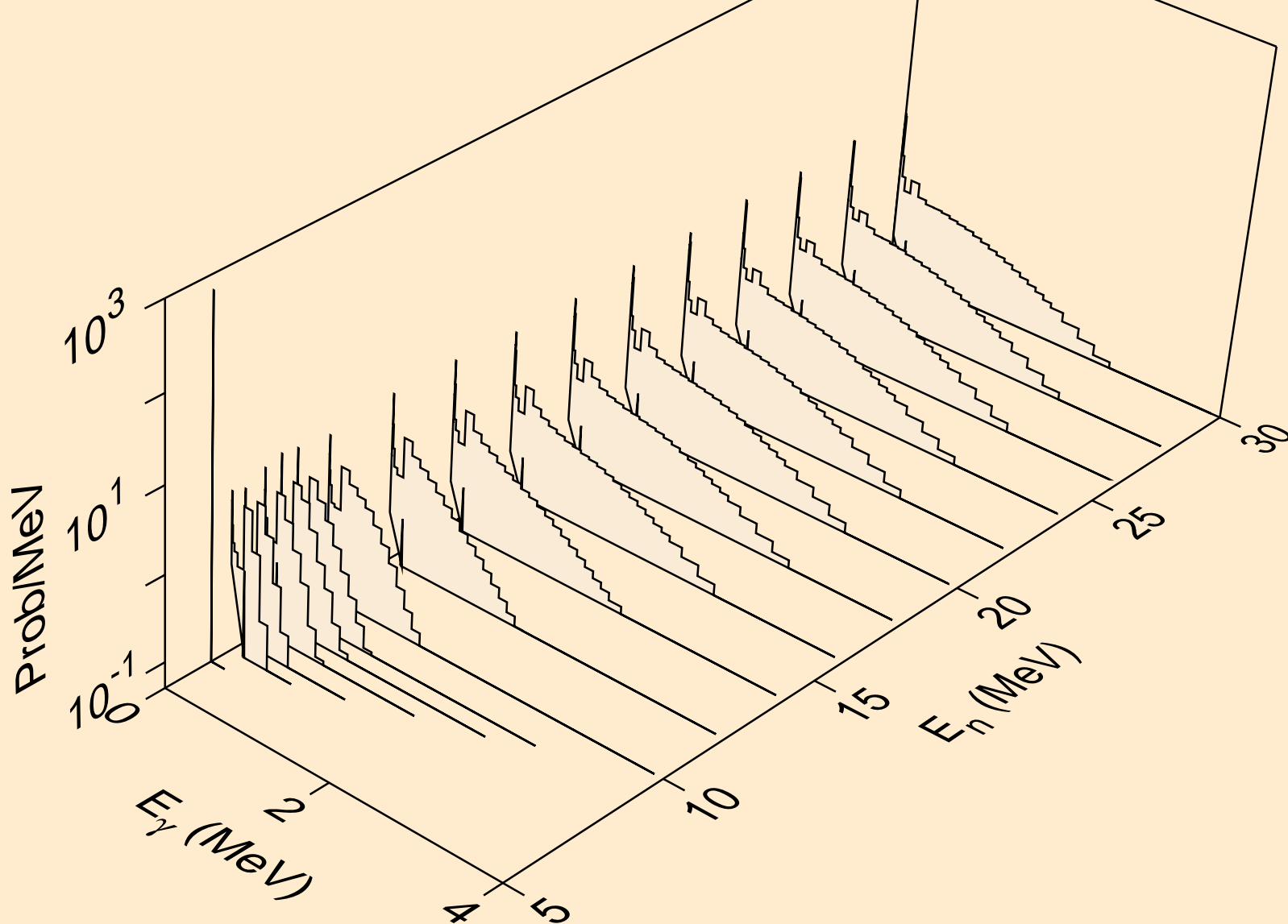
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



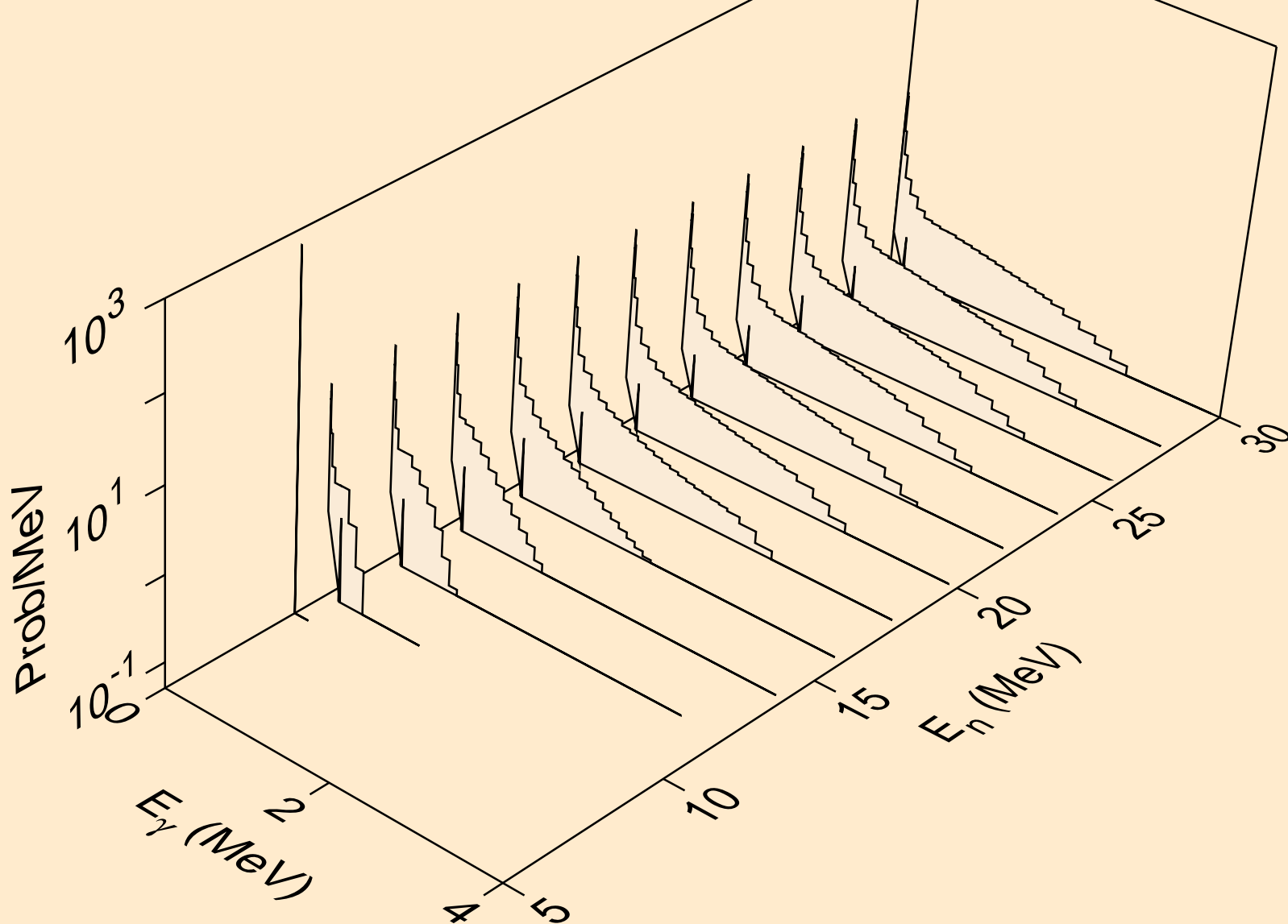
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



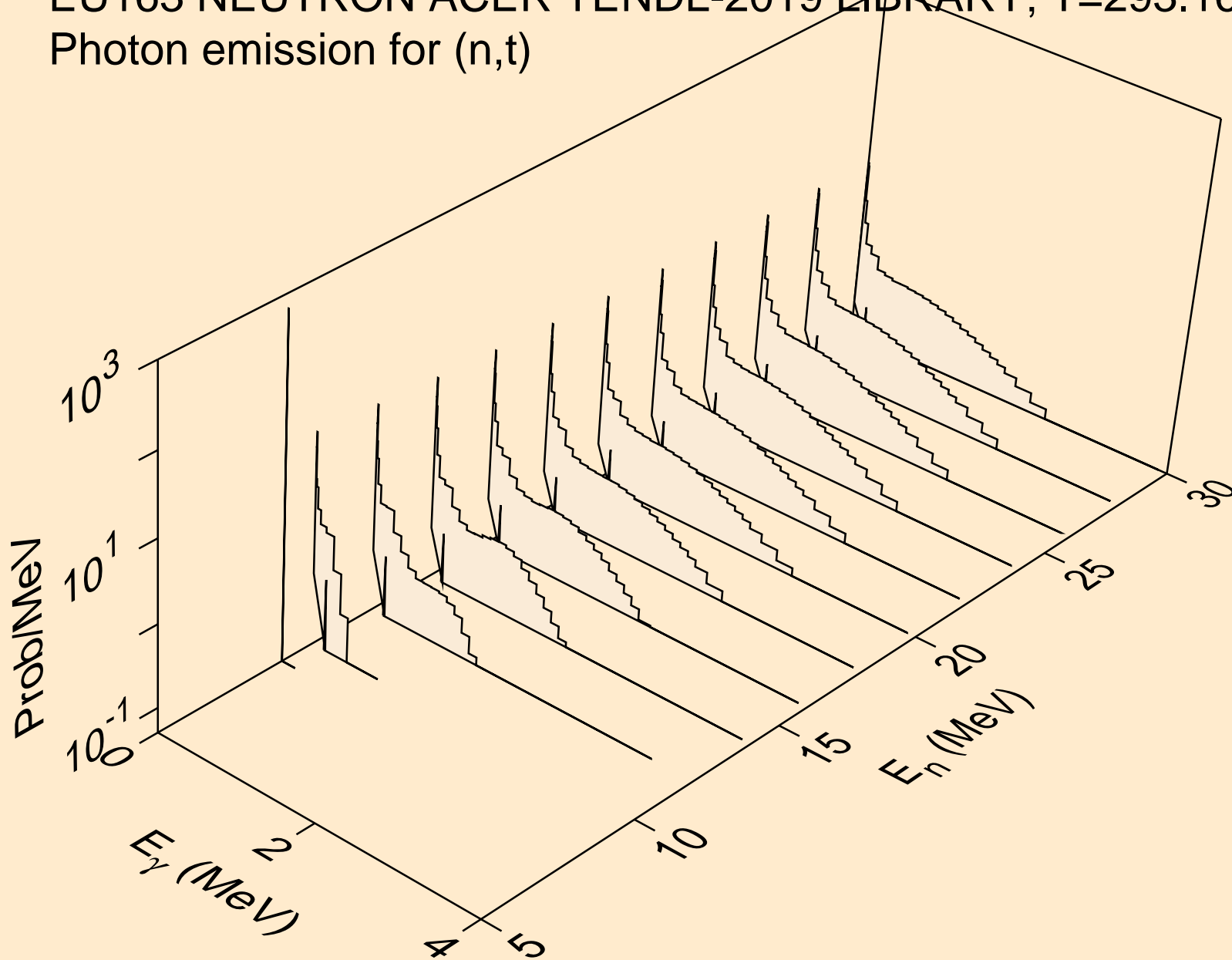
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



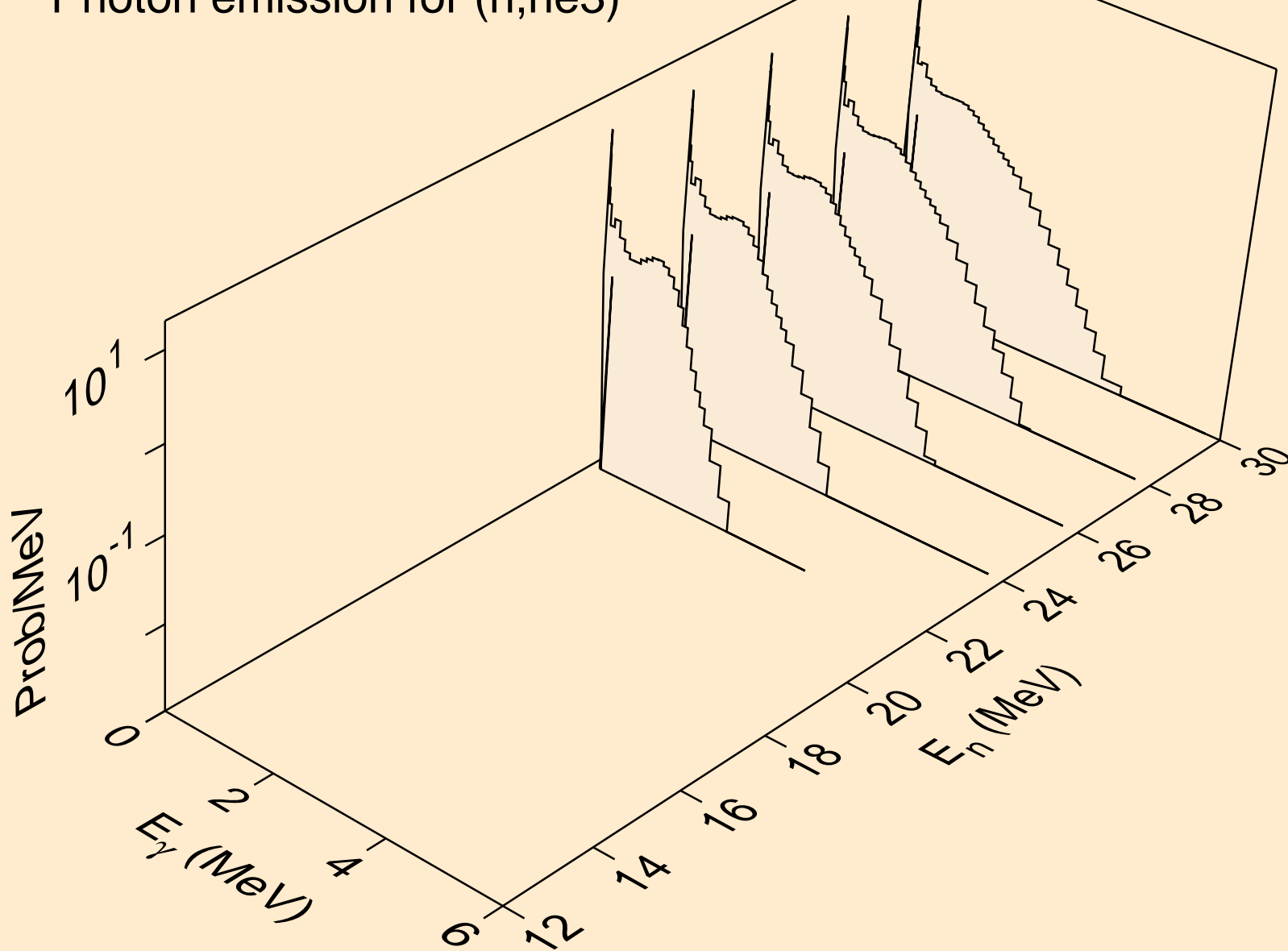
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



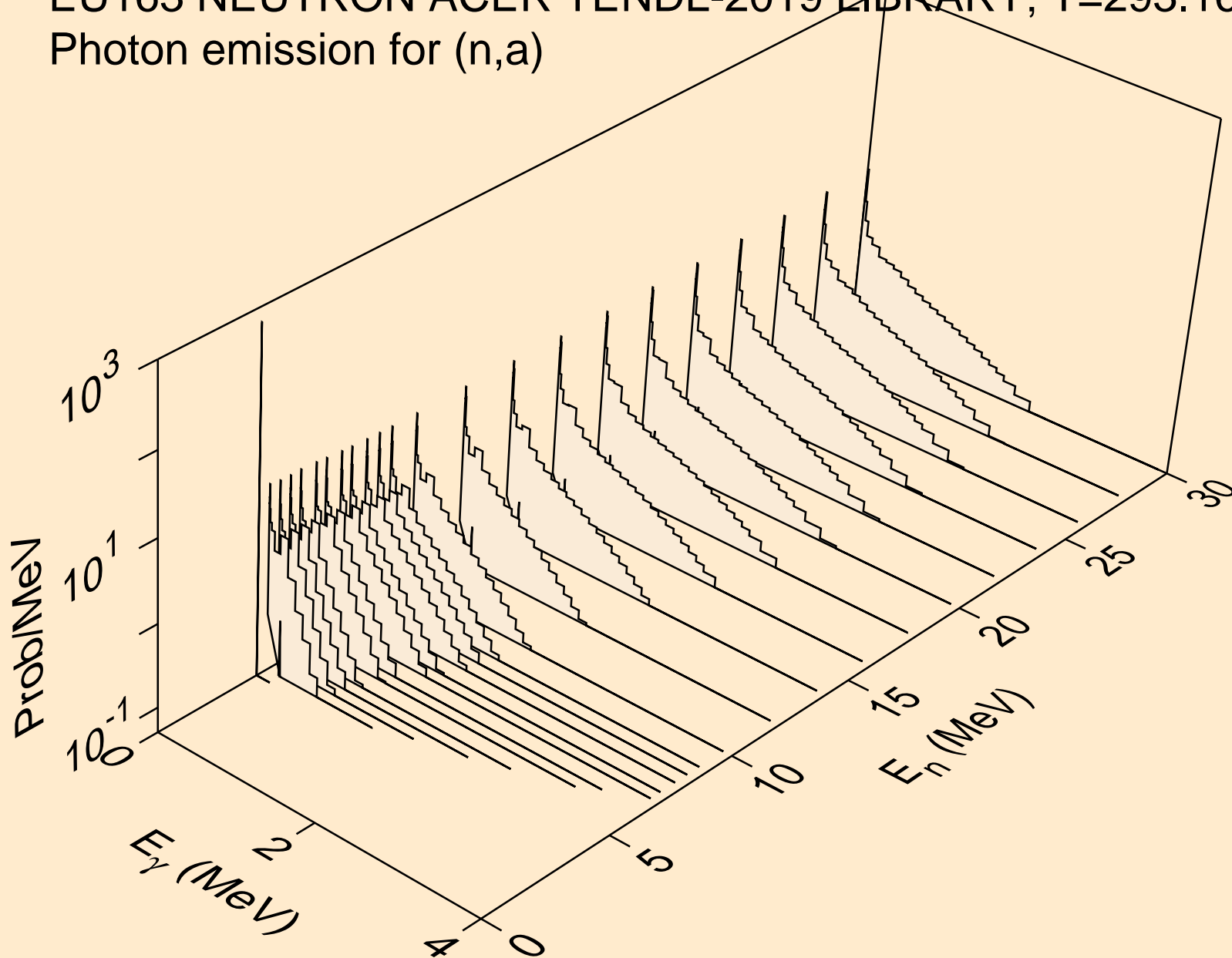
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



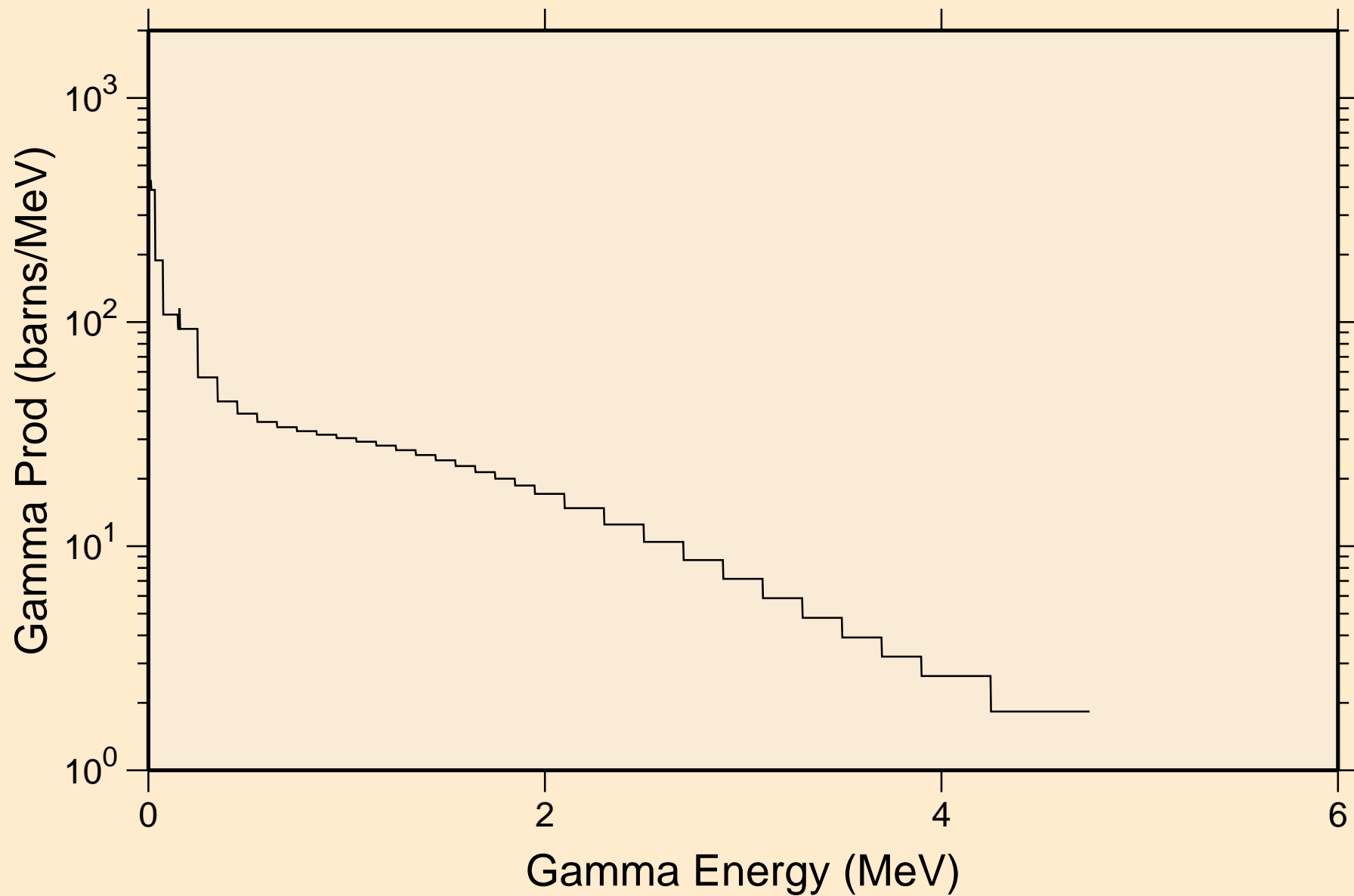
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



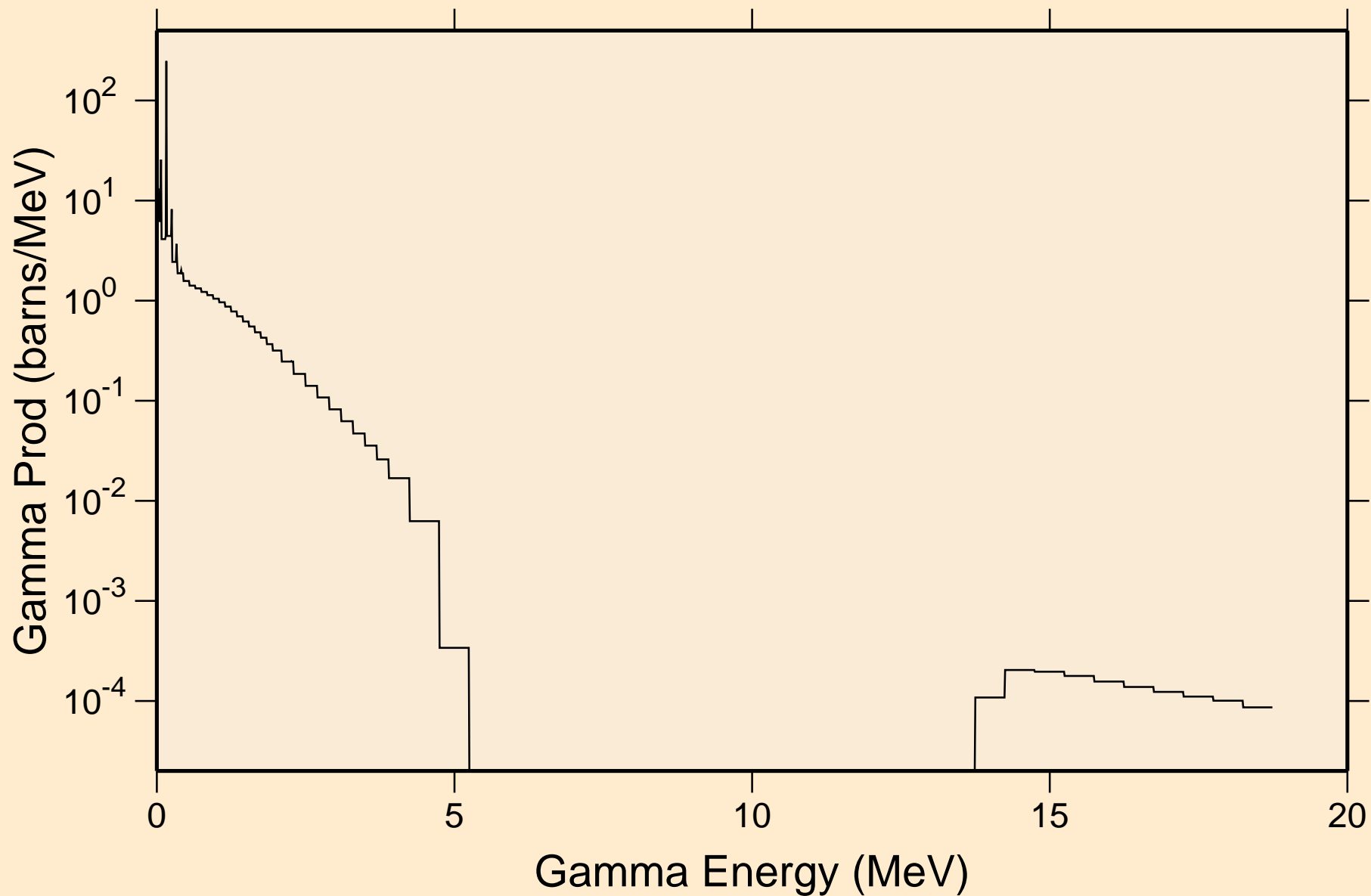
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

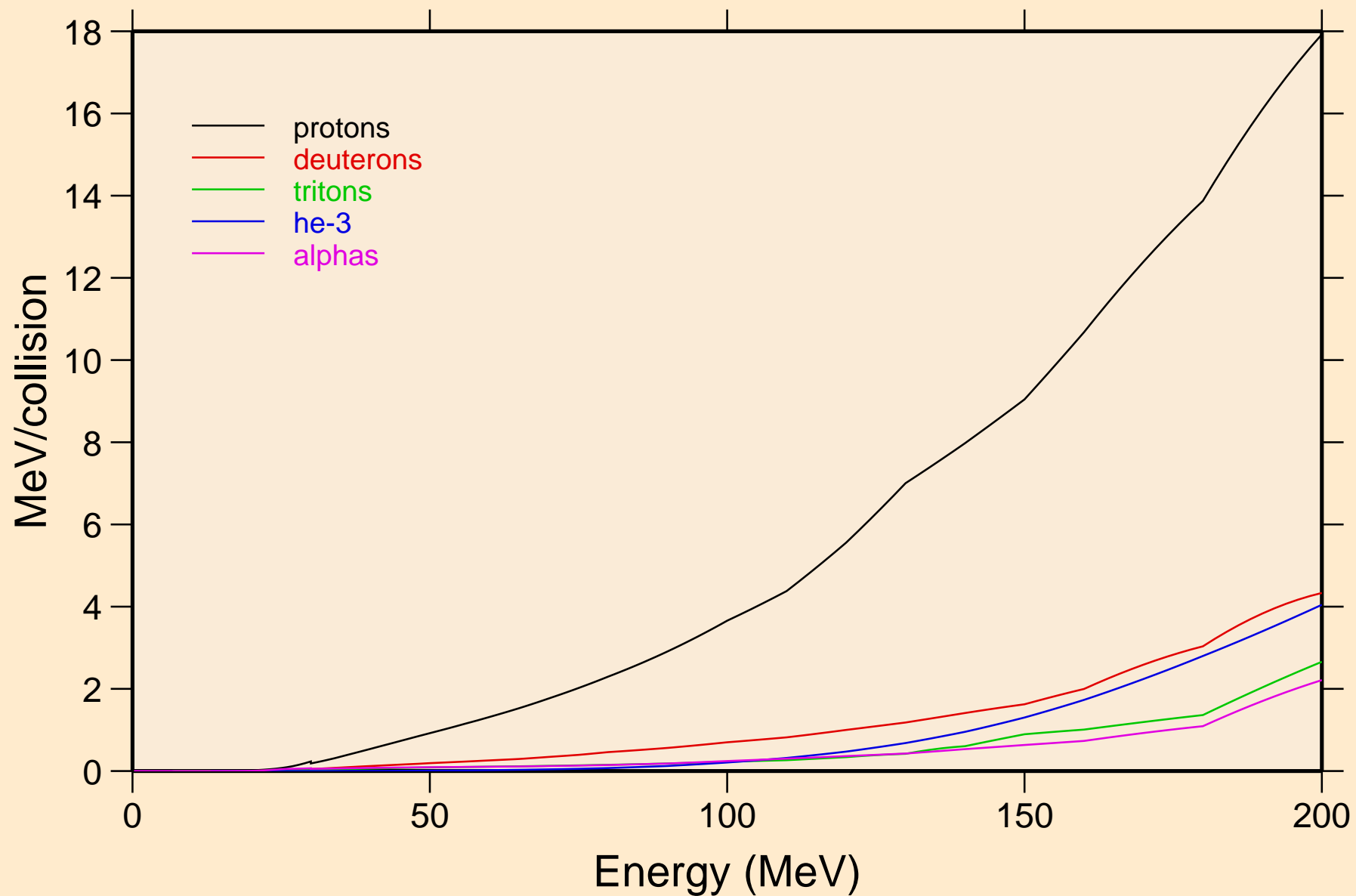


EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

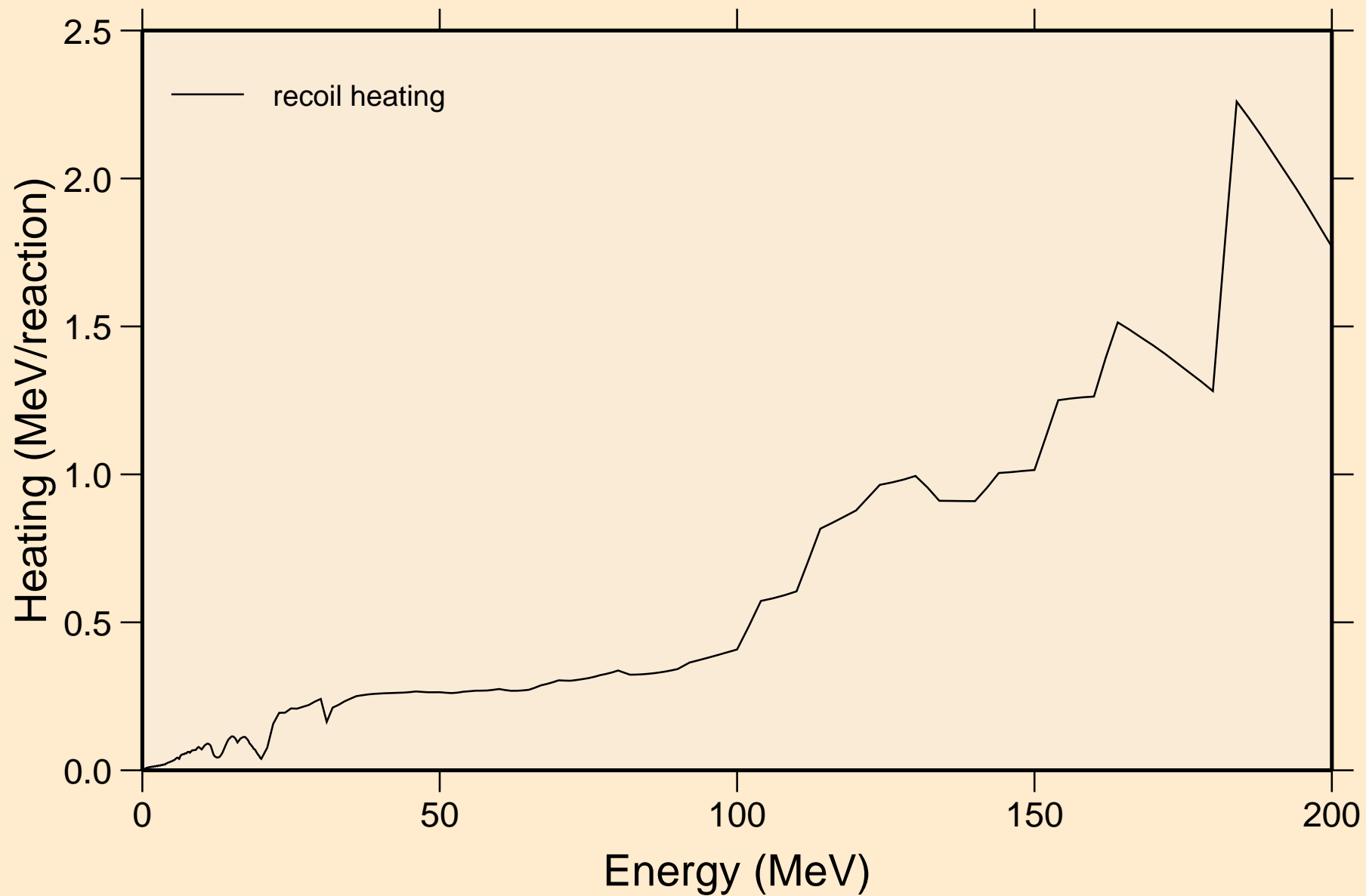


EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Particle heating contributions

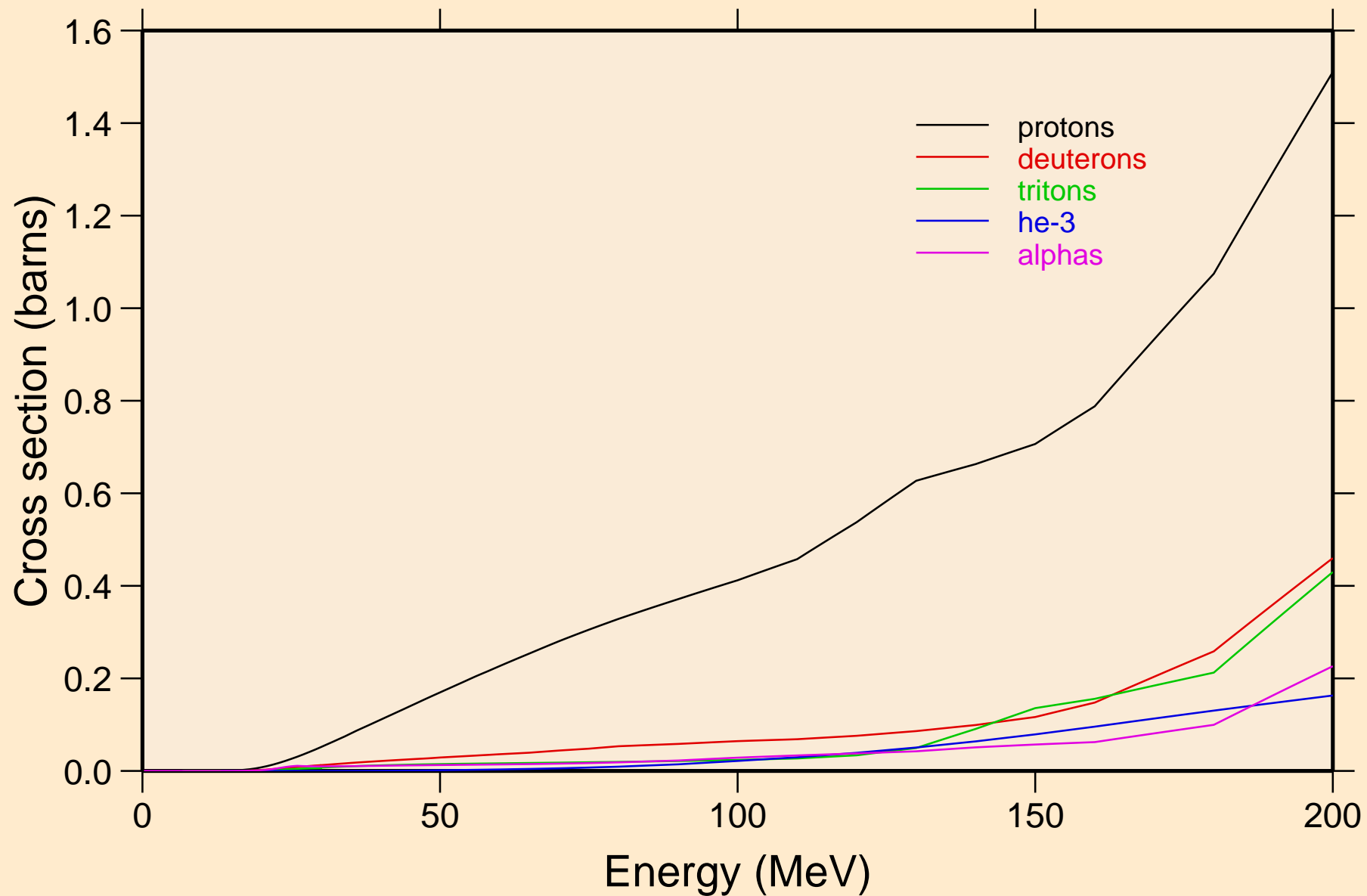


EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

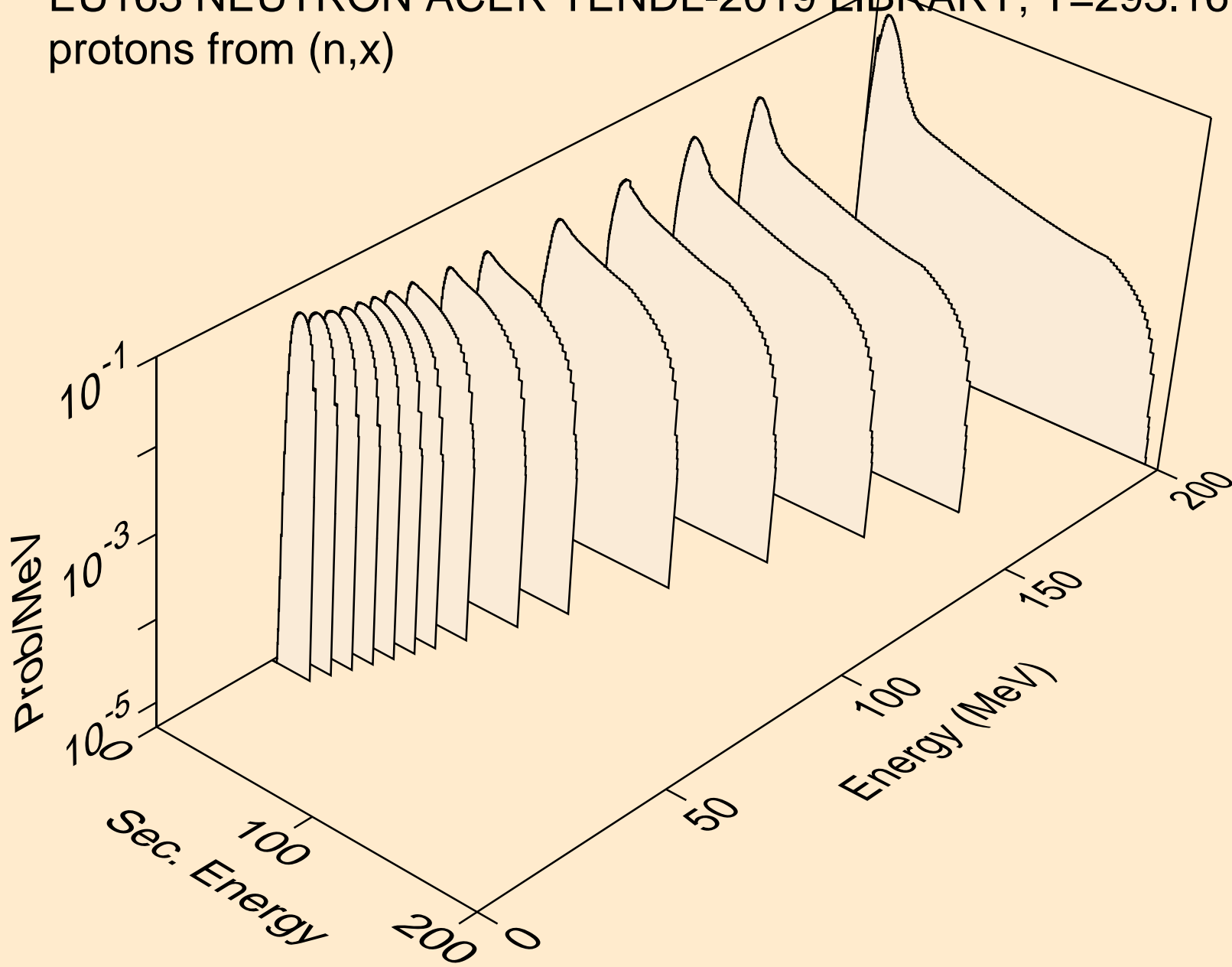


EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

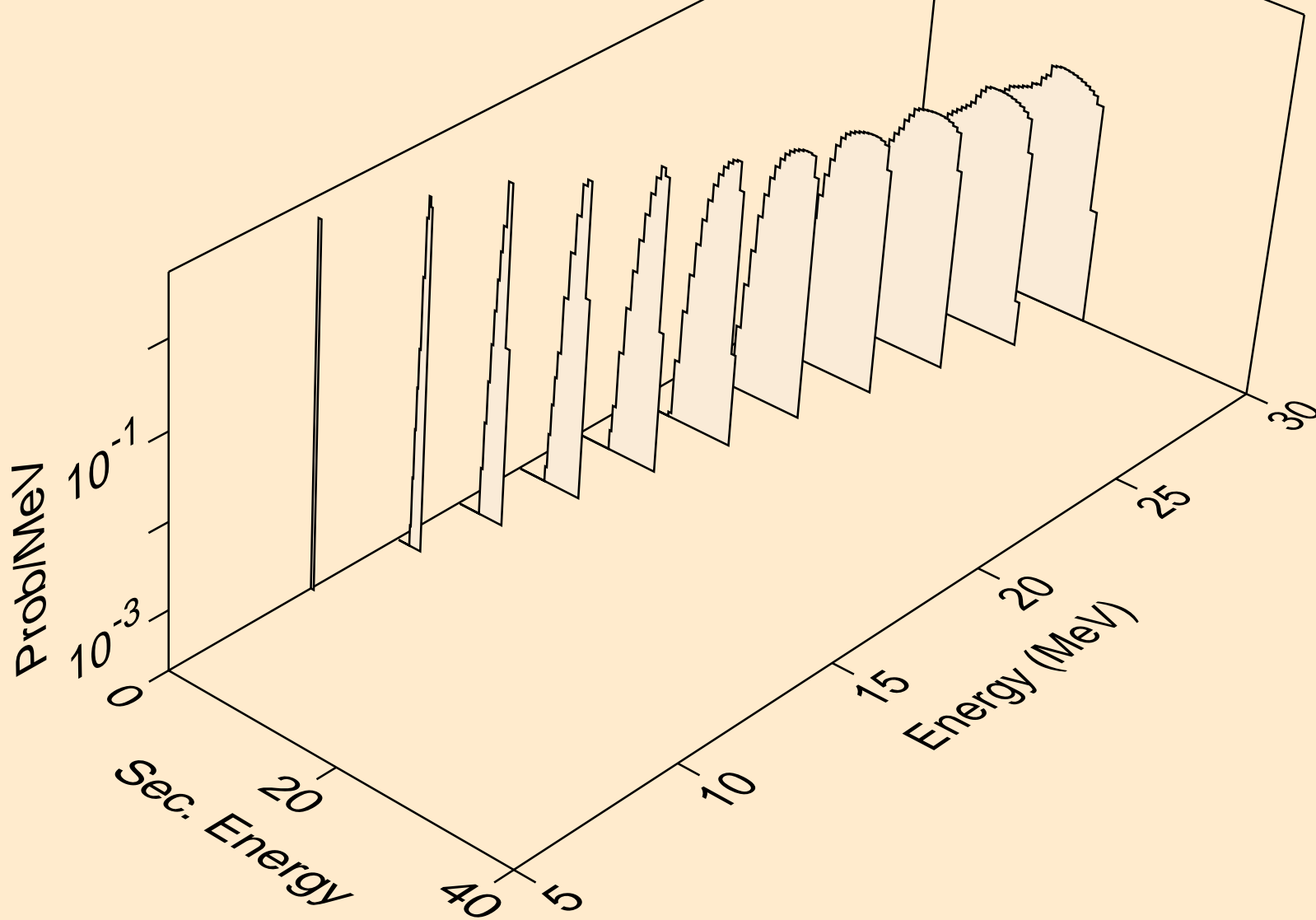
Particle production cross sections



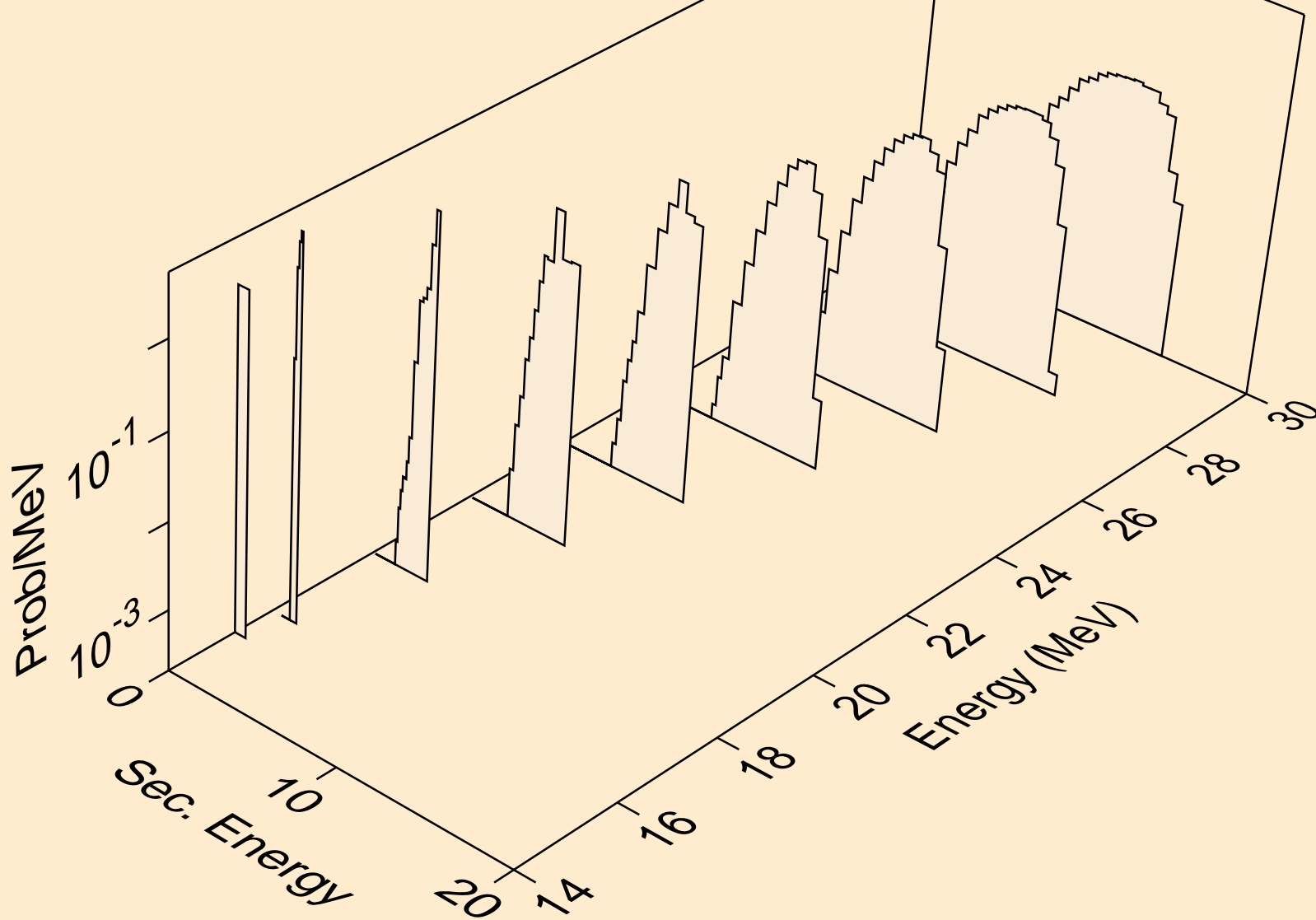
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



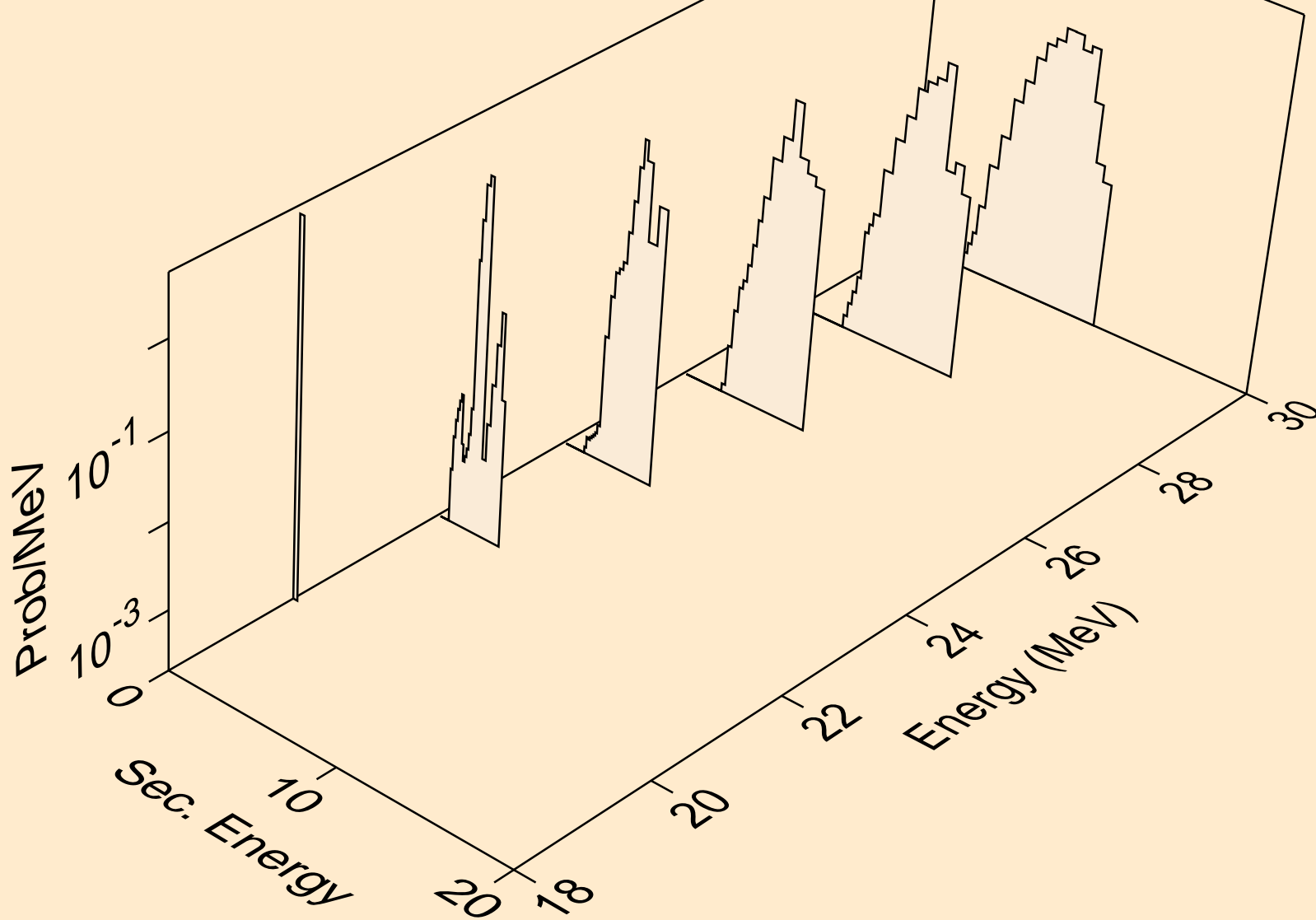
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



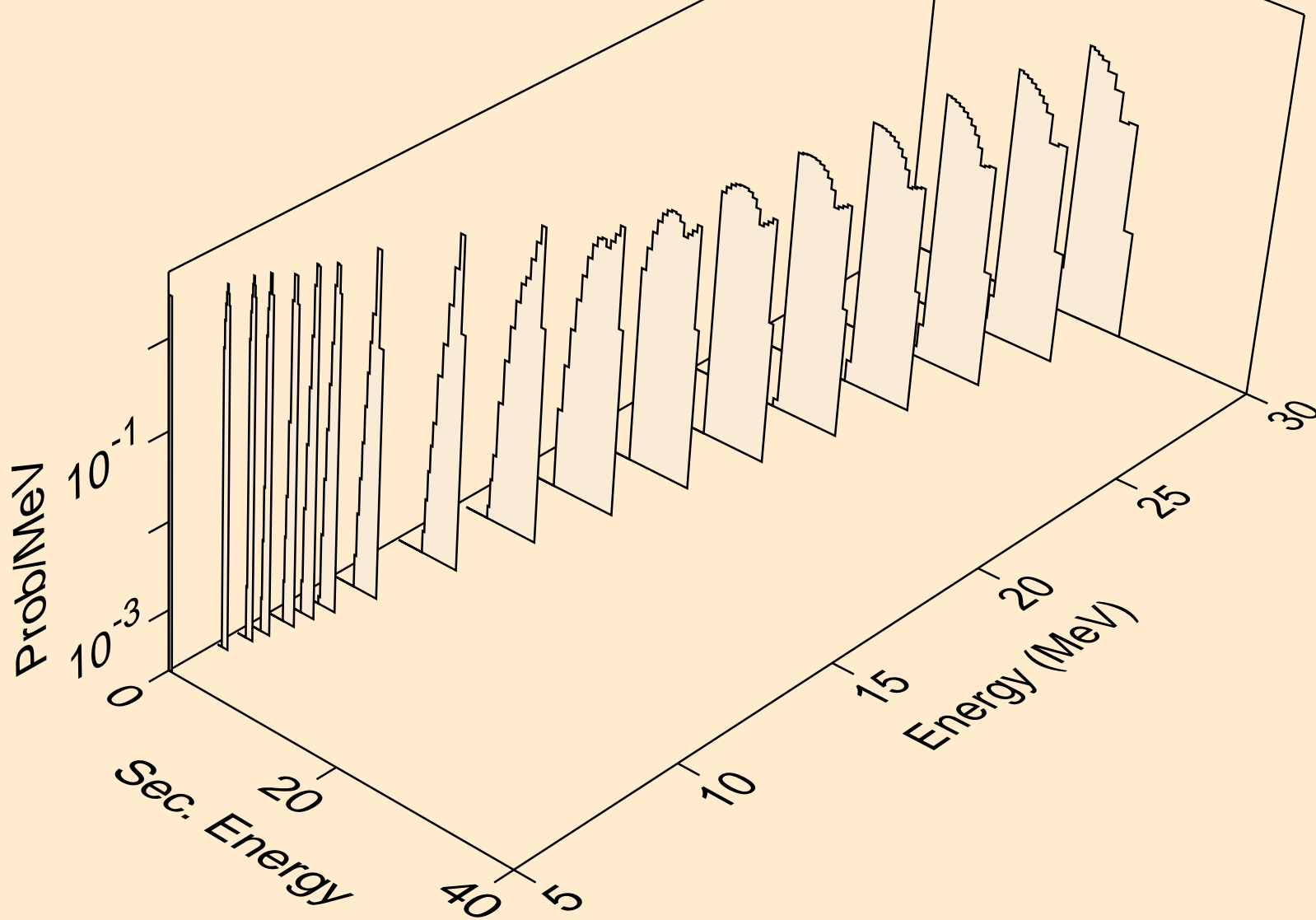
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



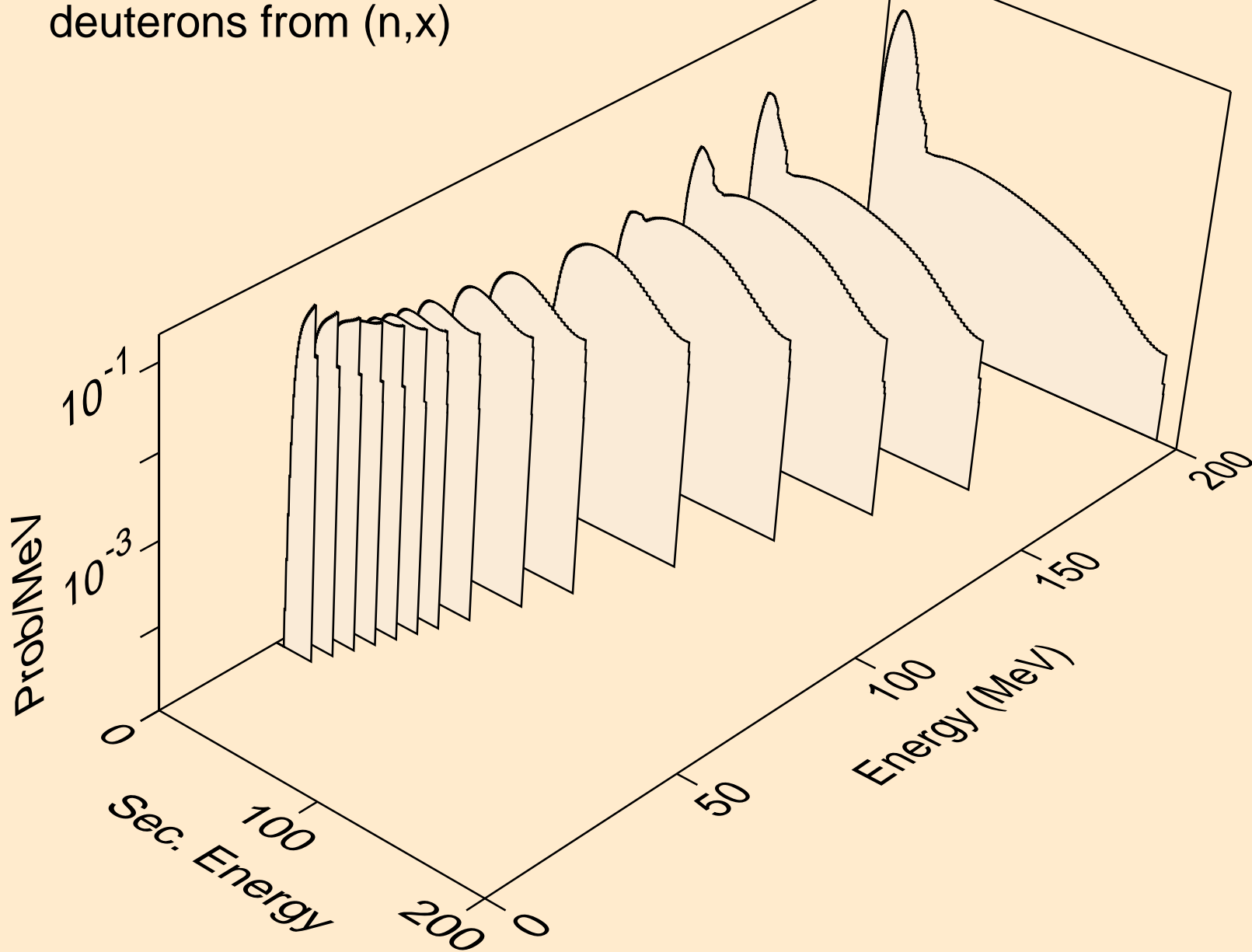
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



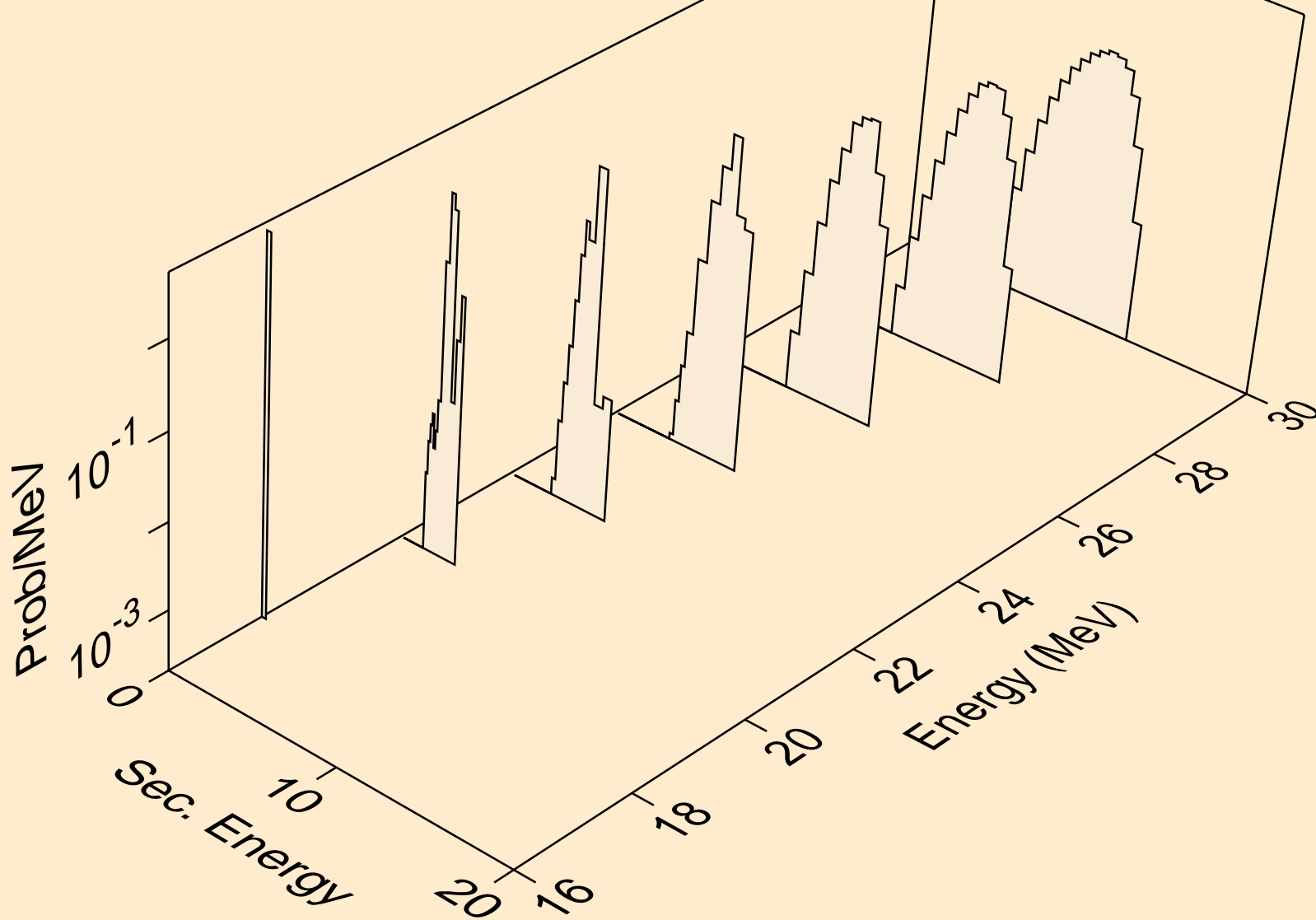
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



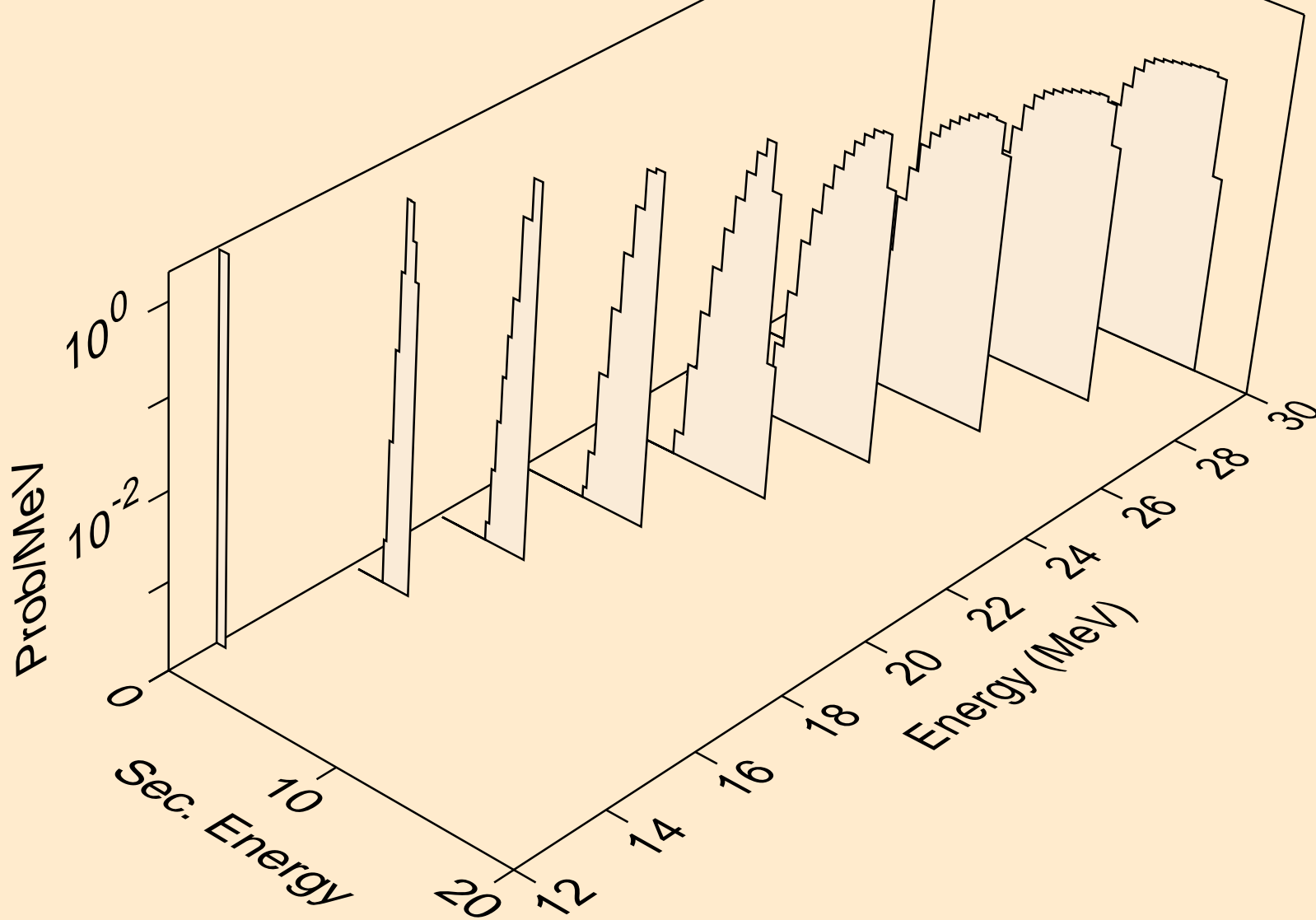
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



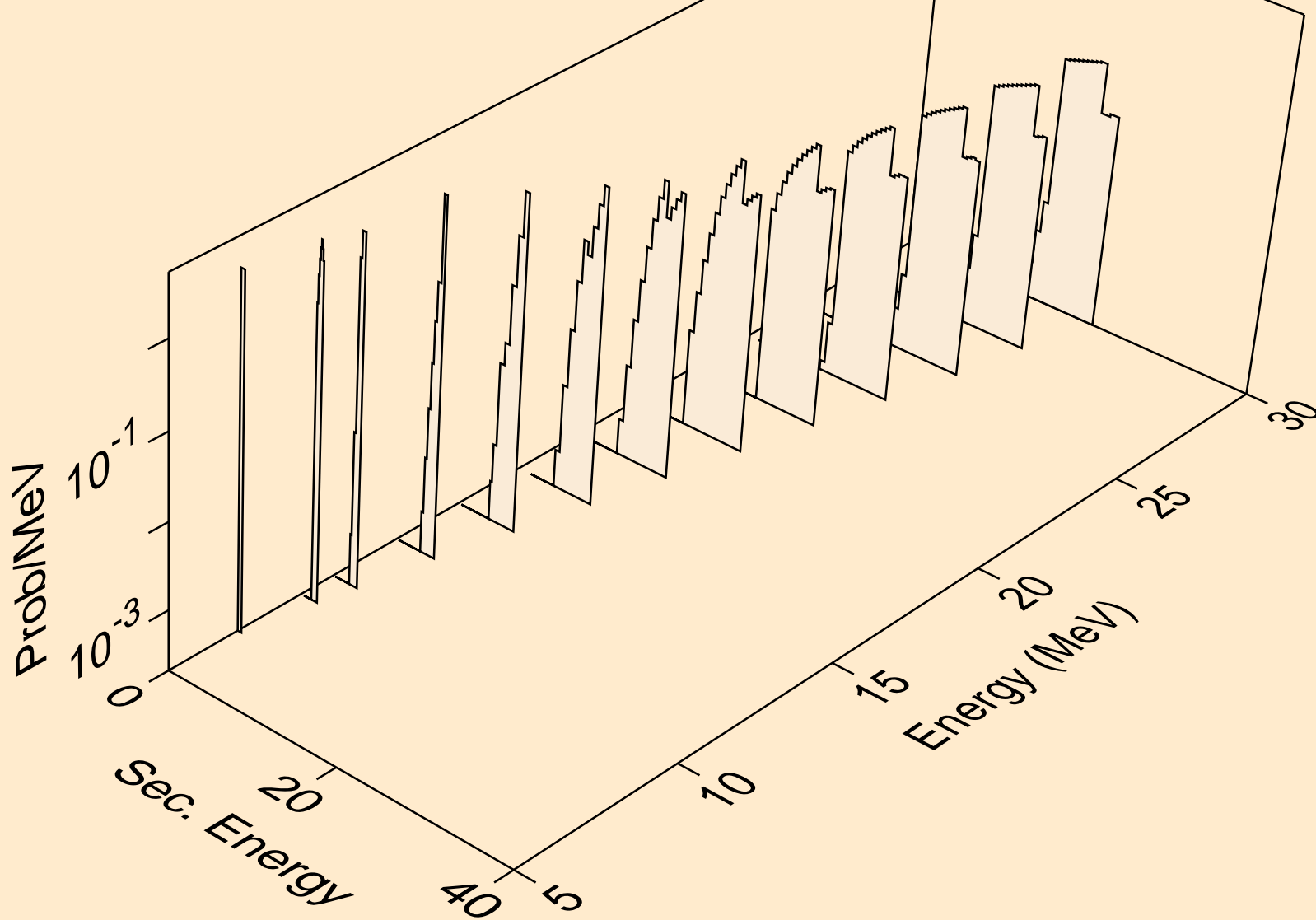
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



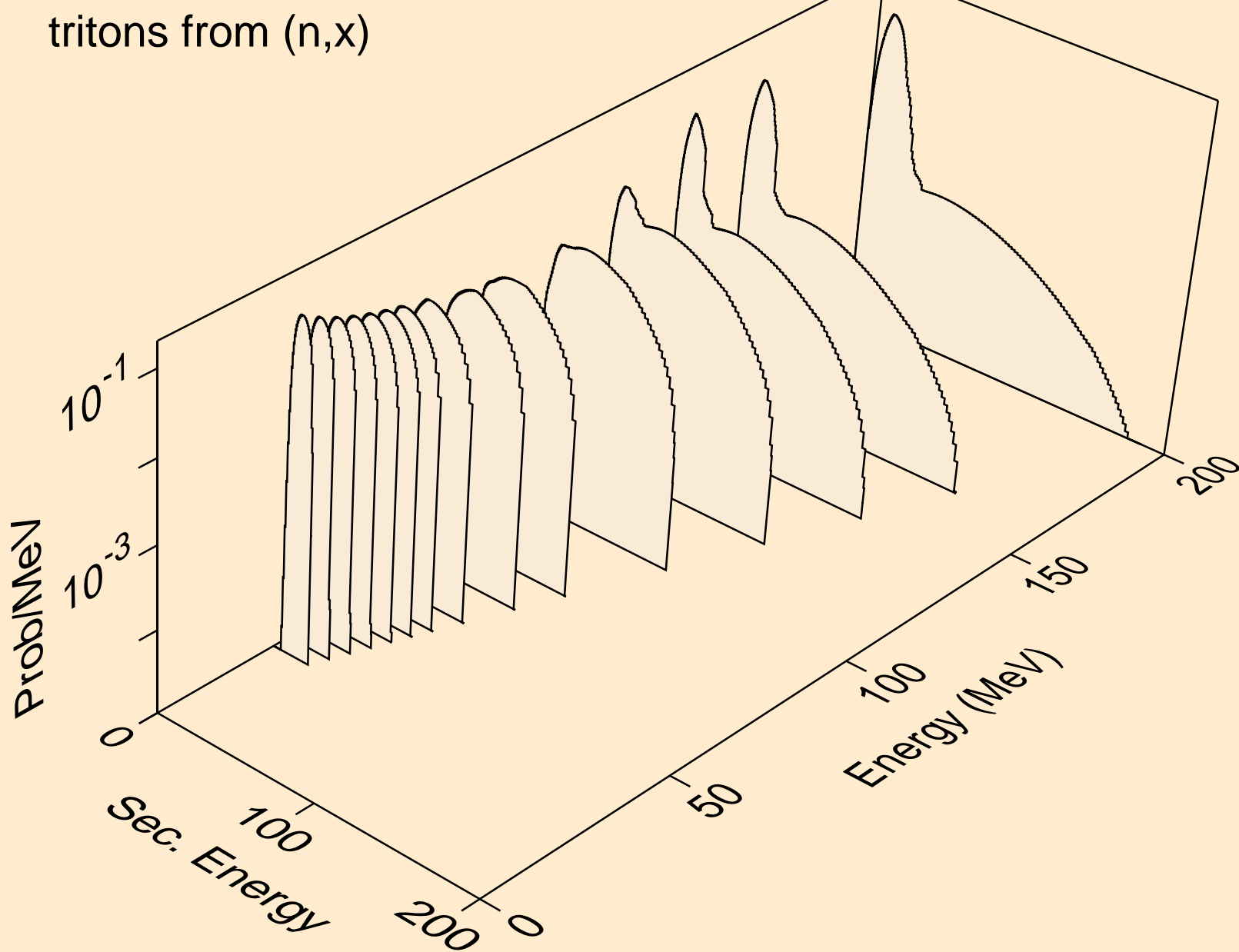
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



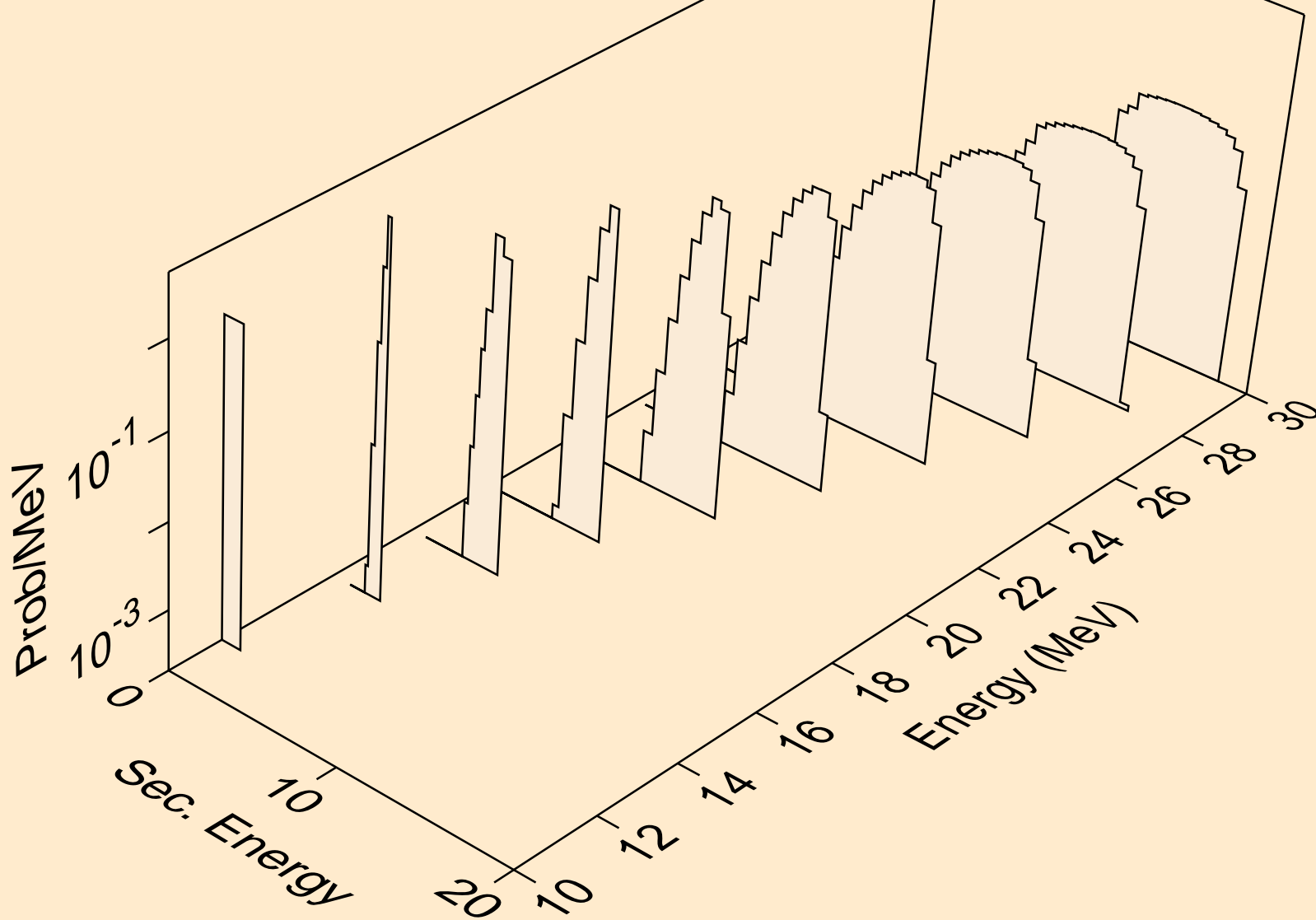
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



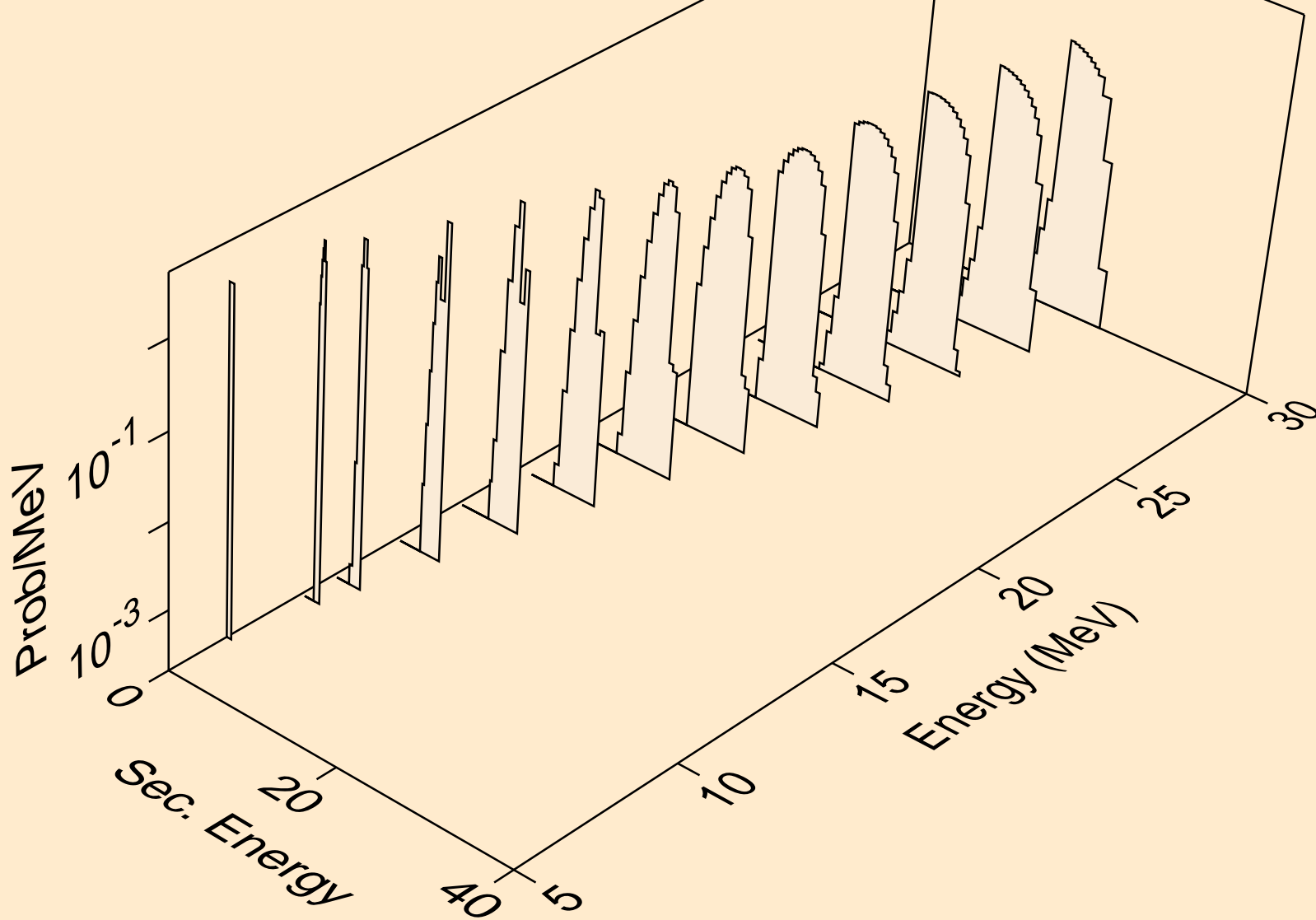
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



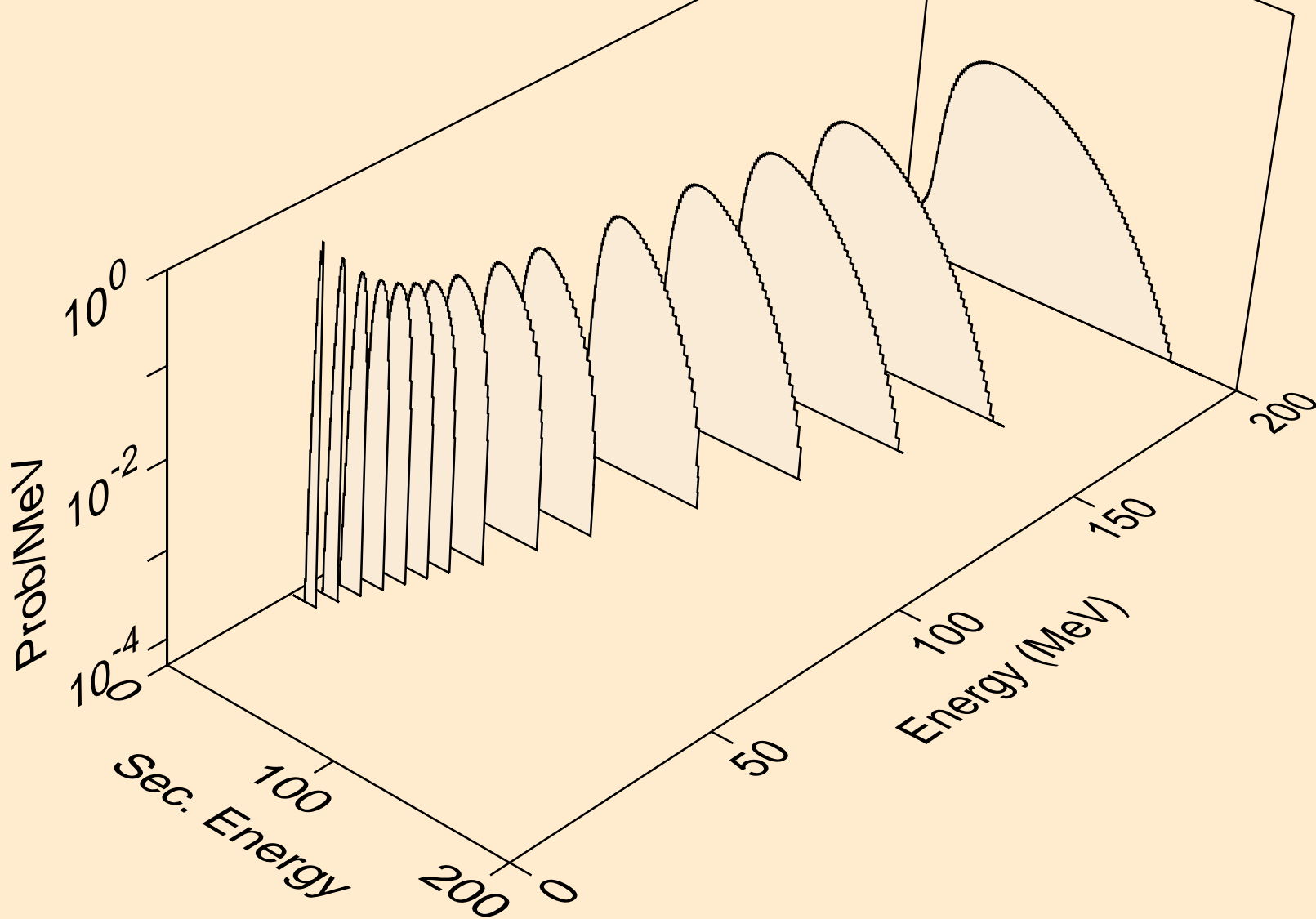
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



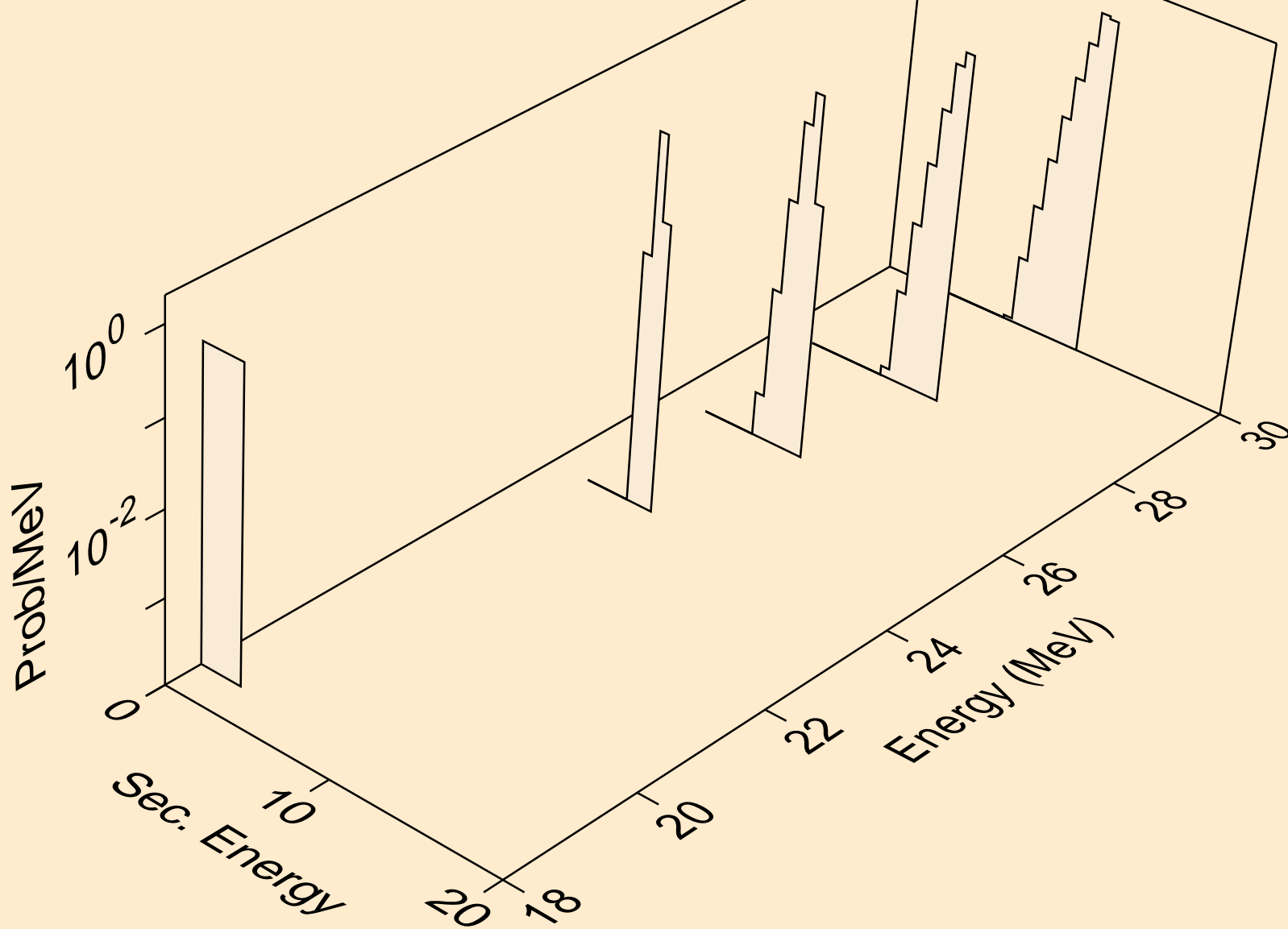
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



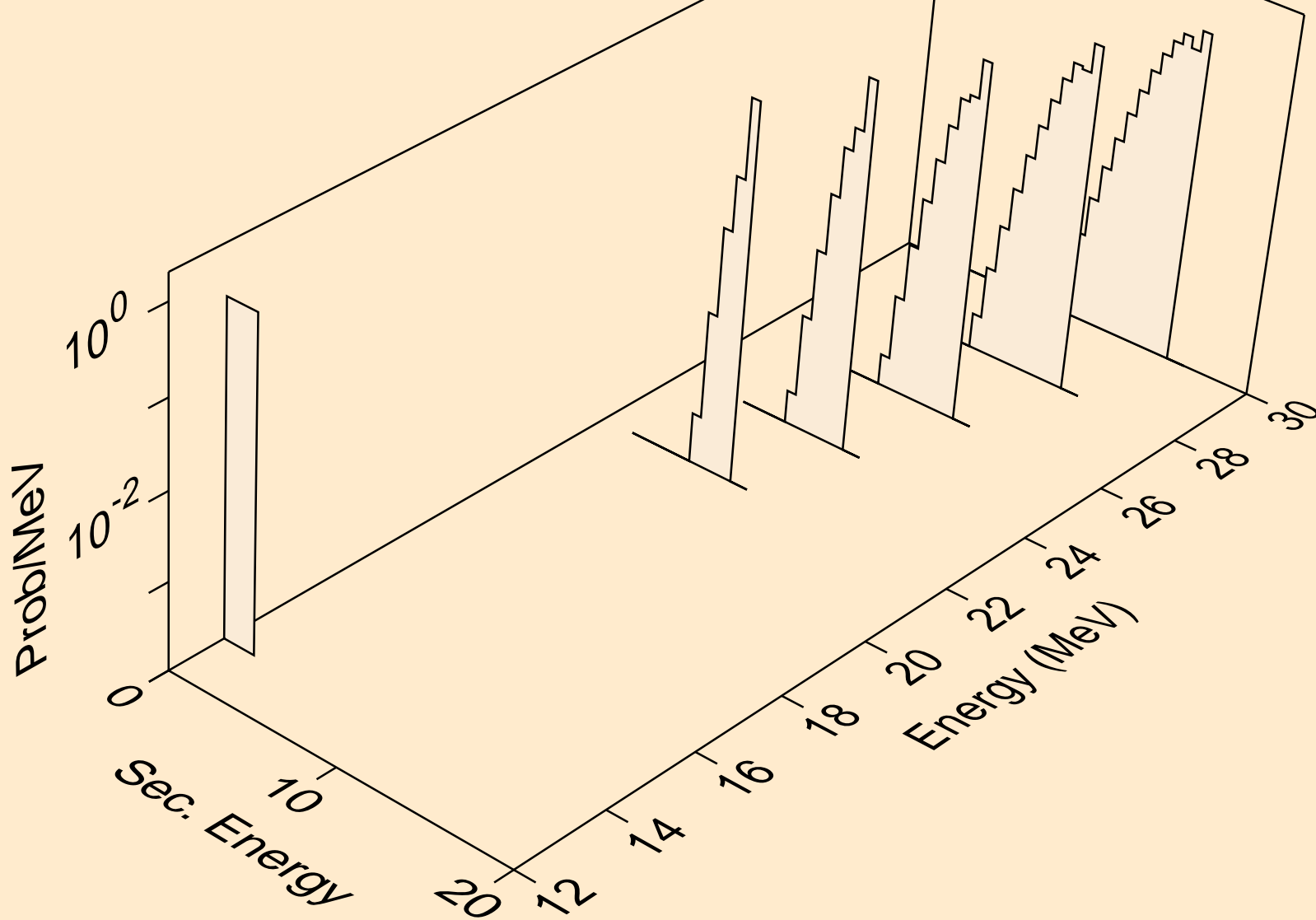
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



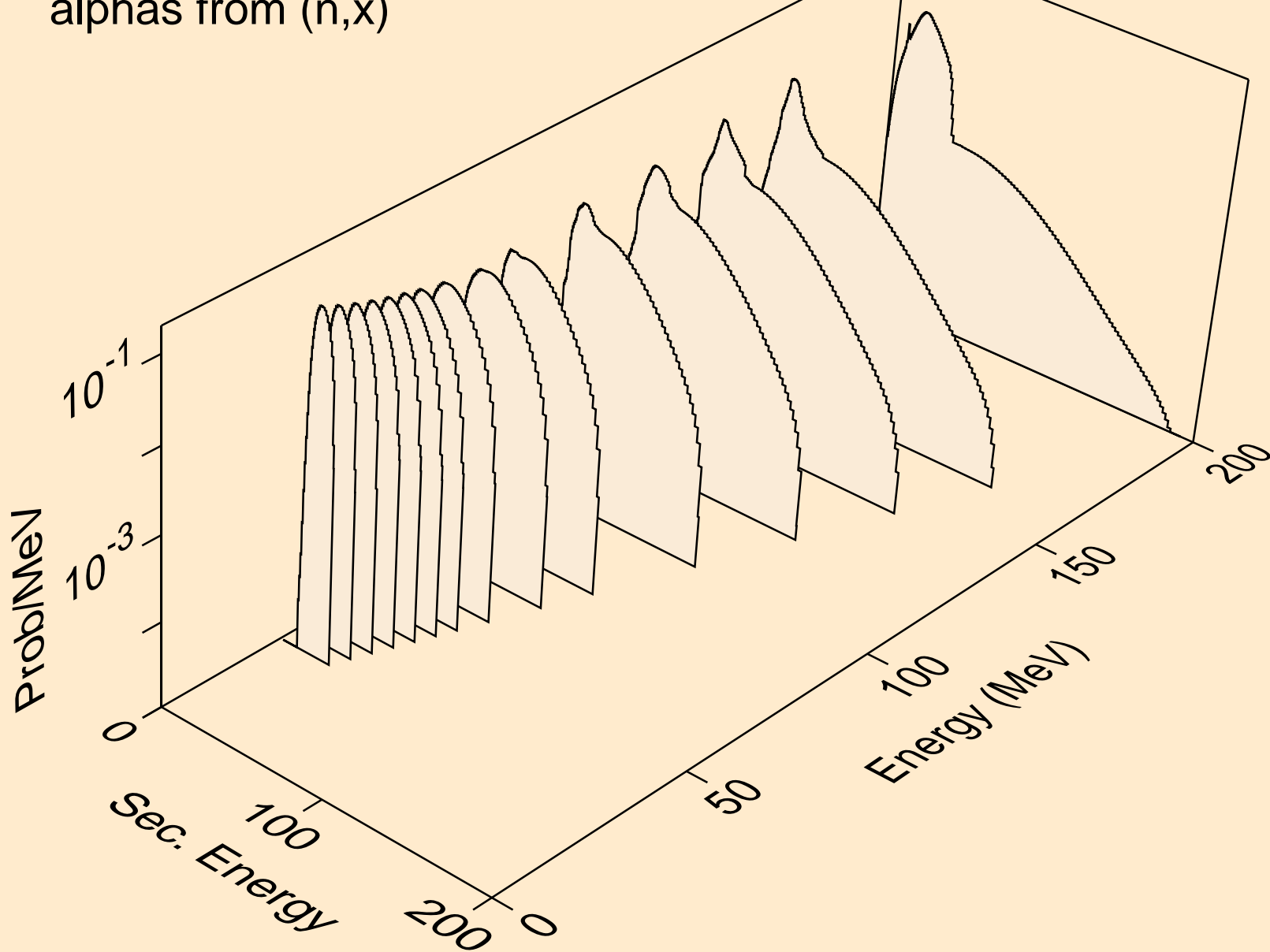
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



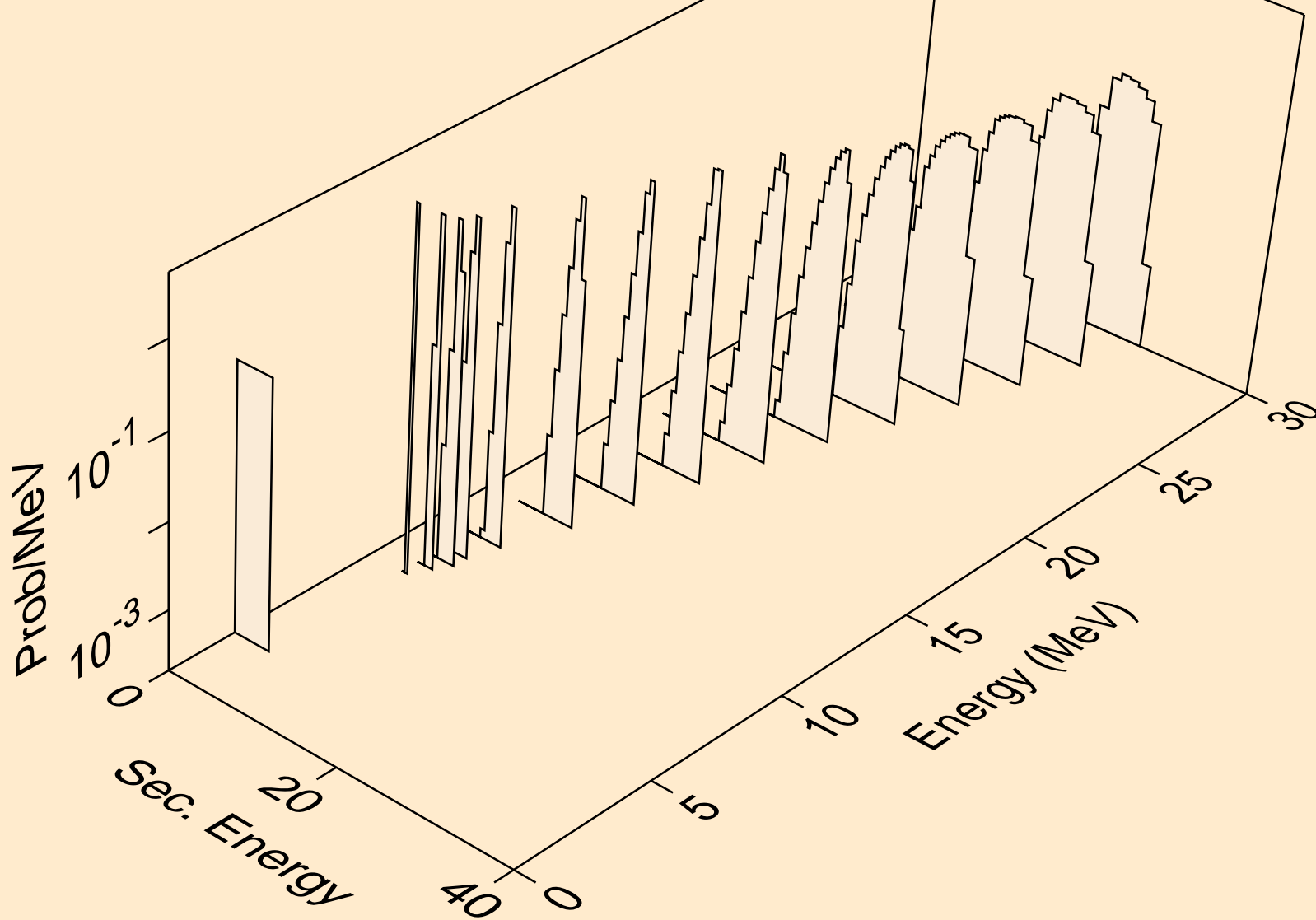
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



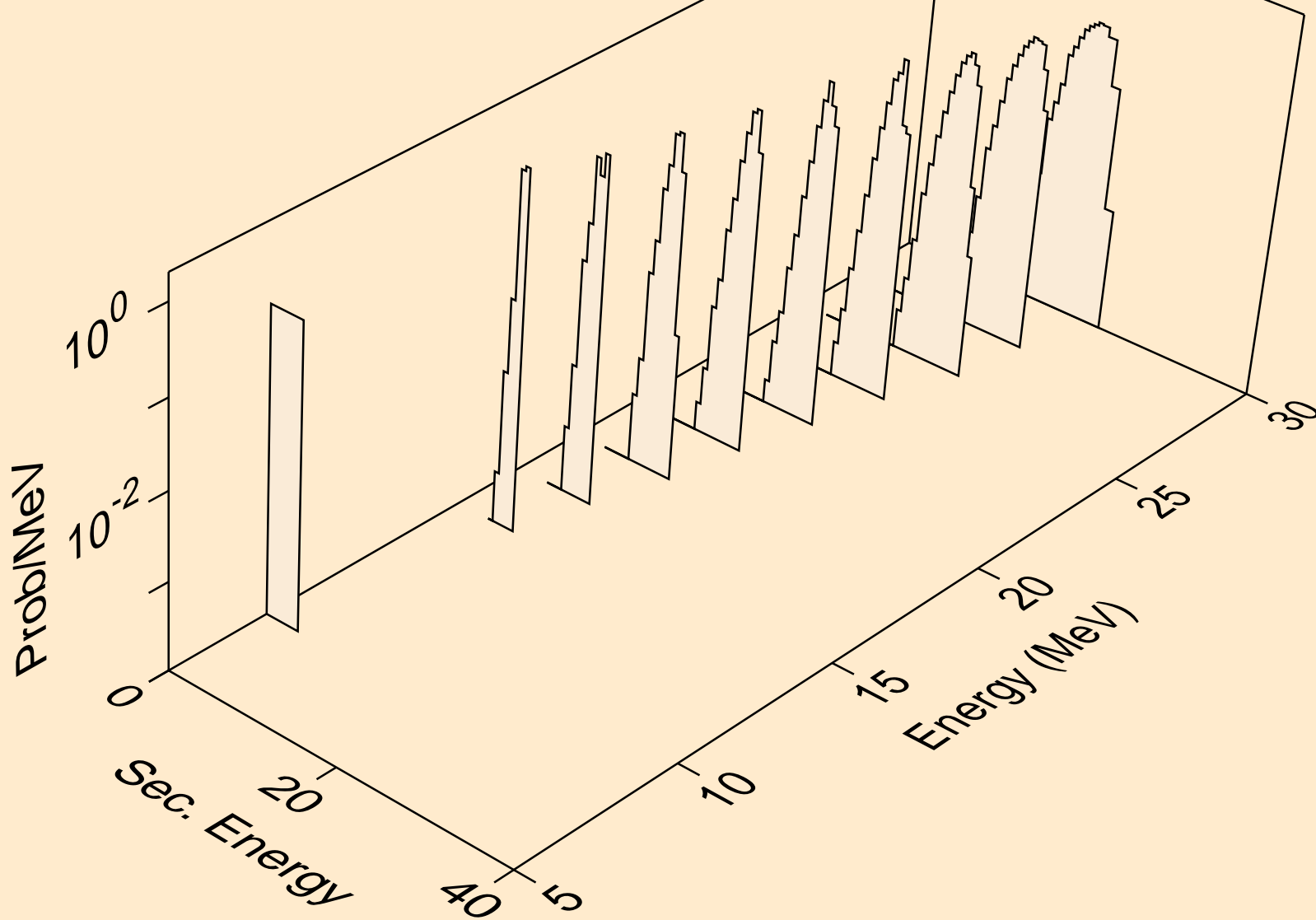
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



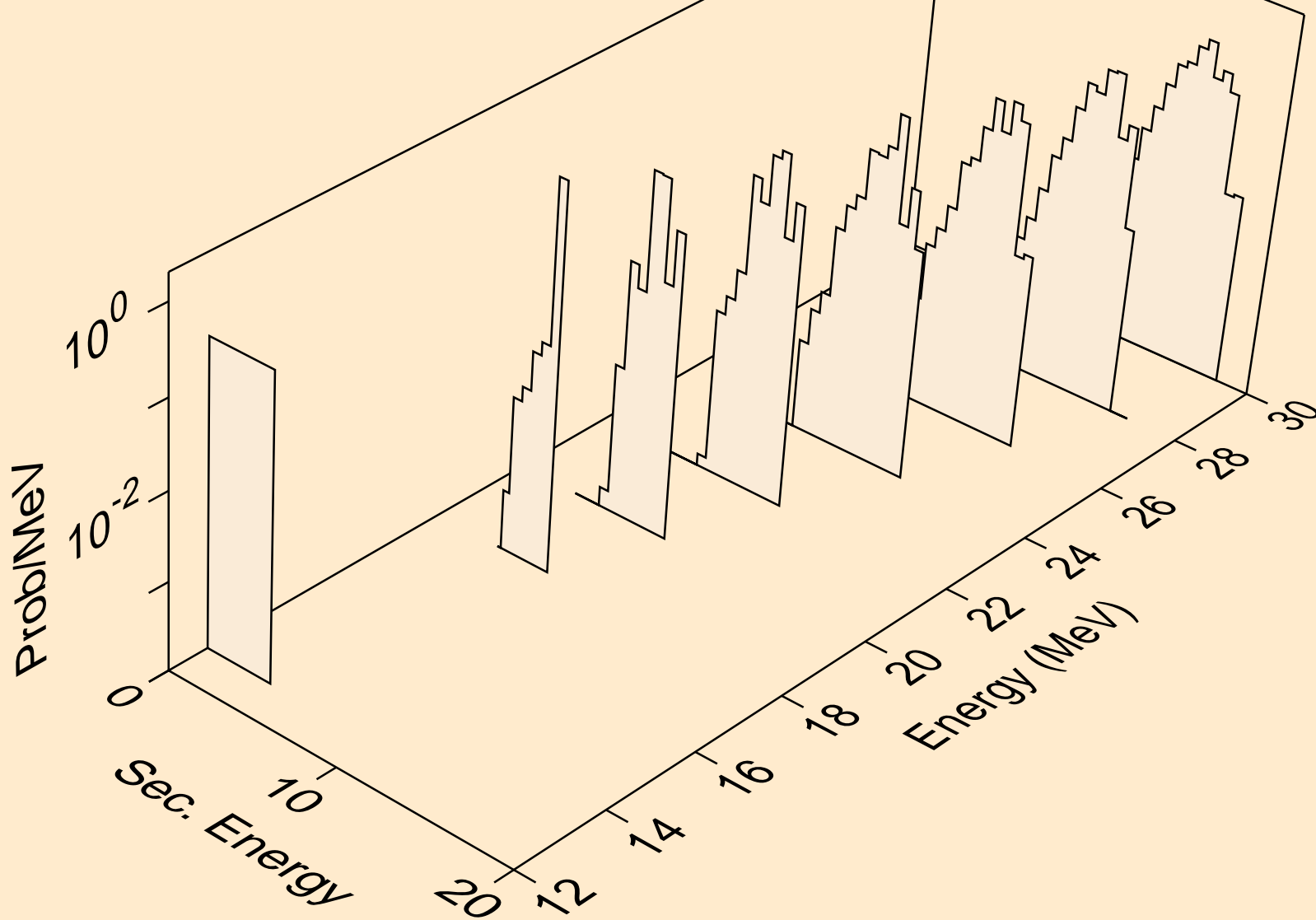
EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



EU163 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)

