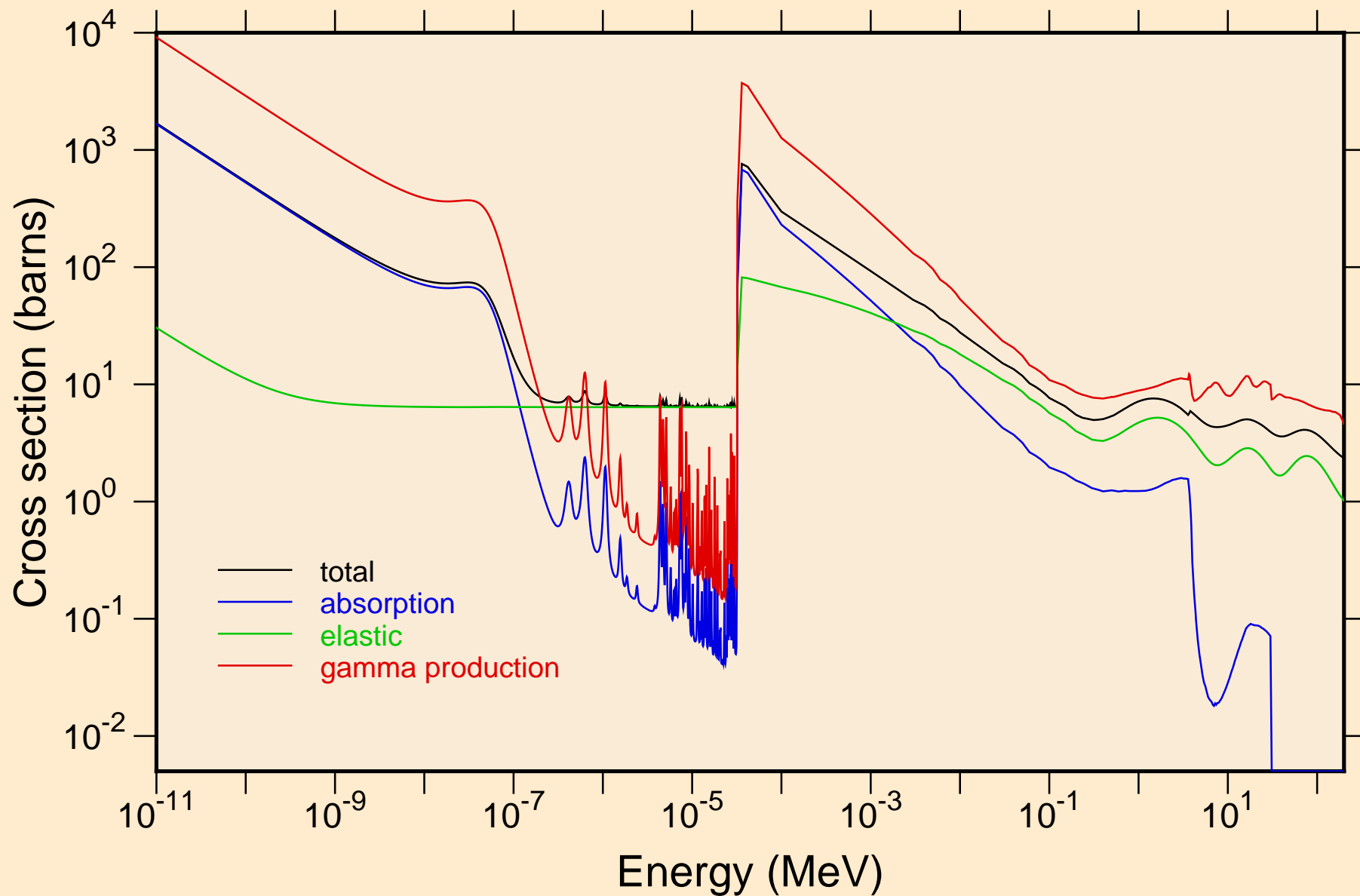
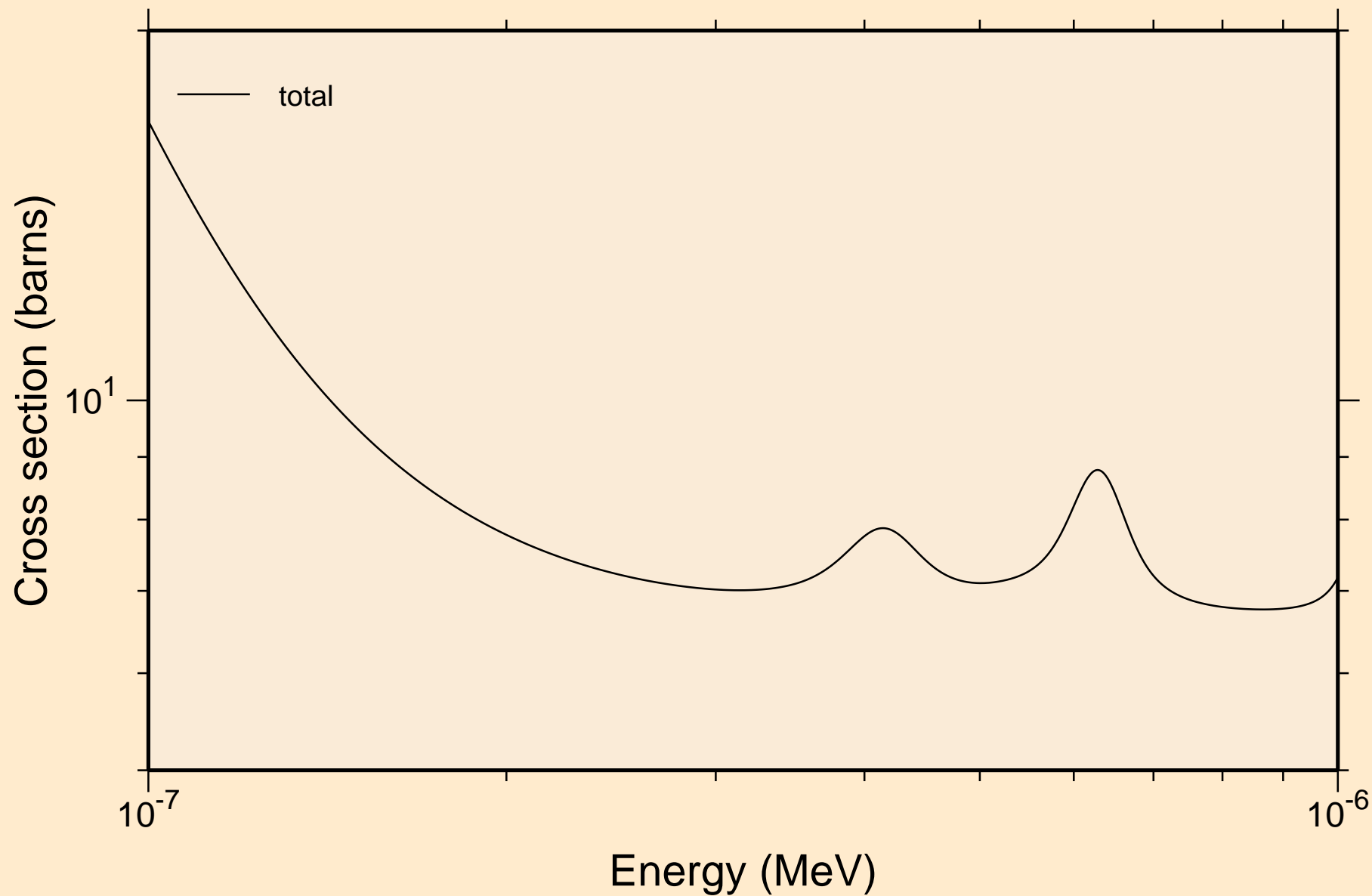


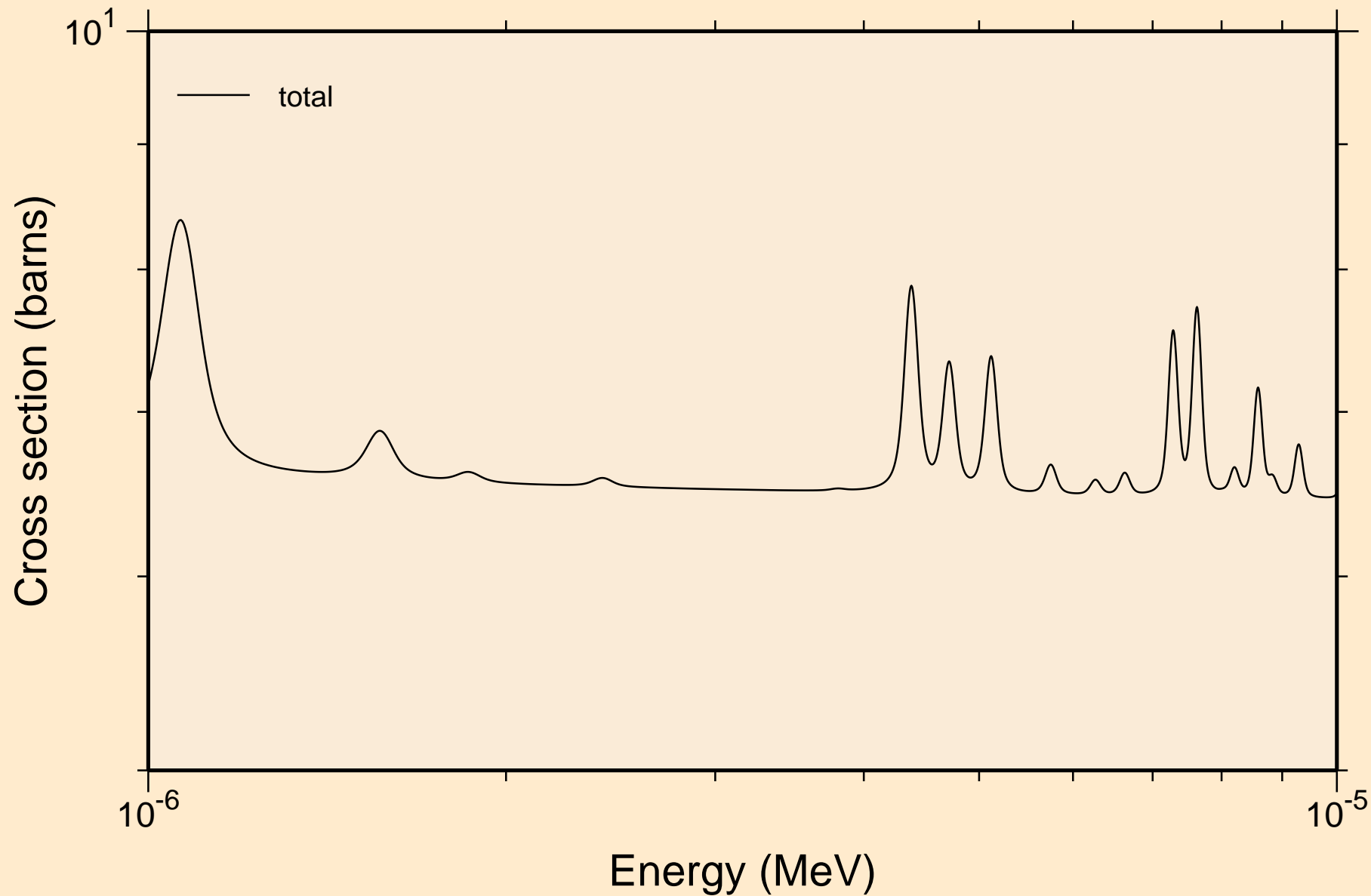
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



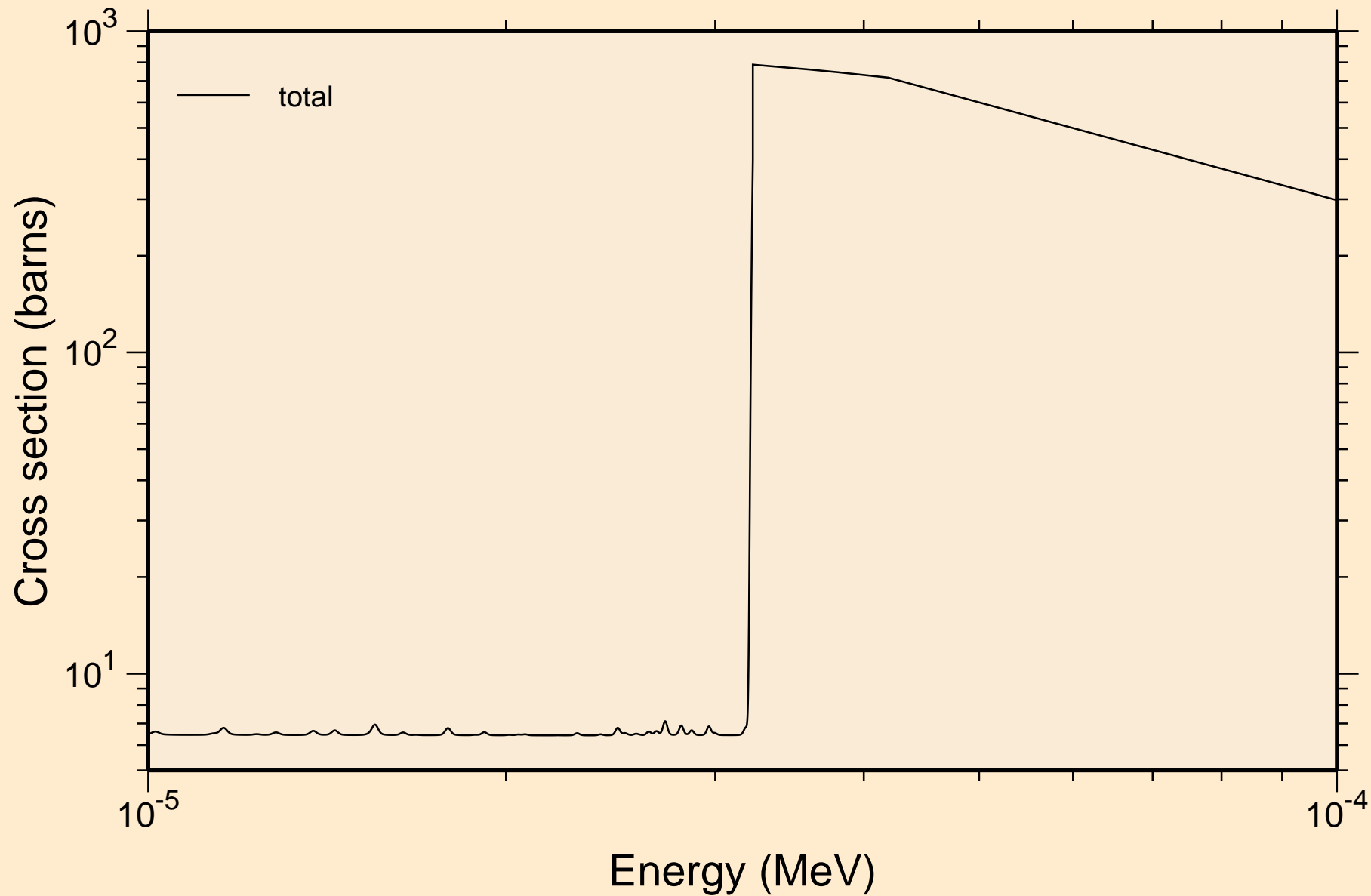
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



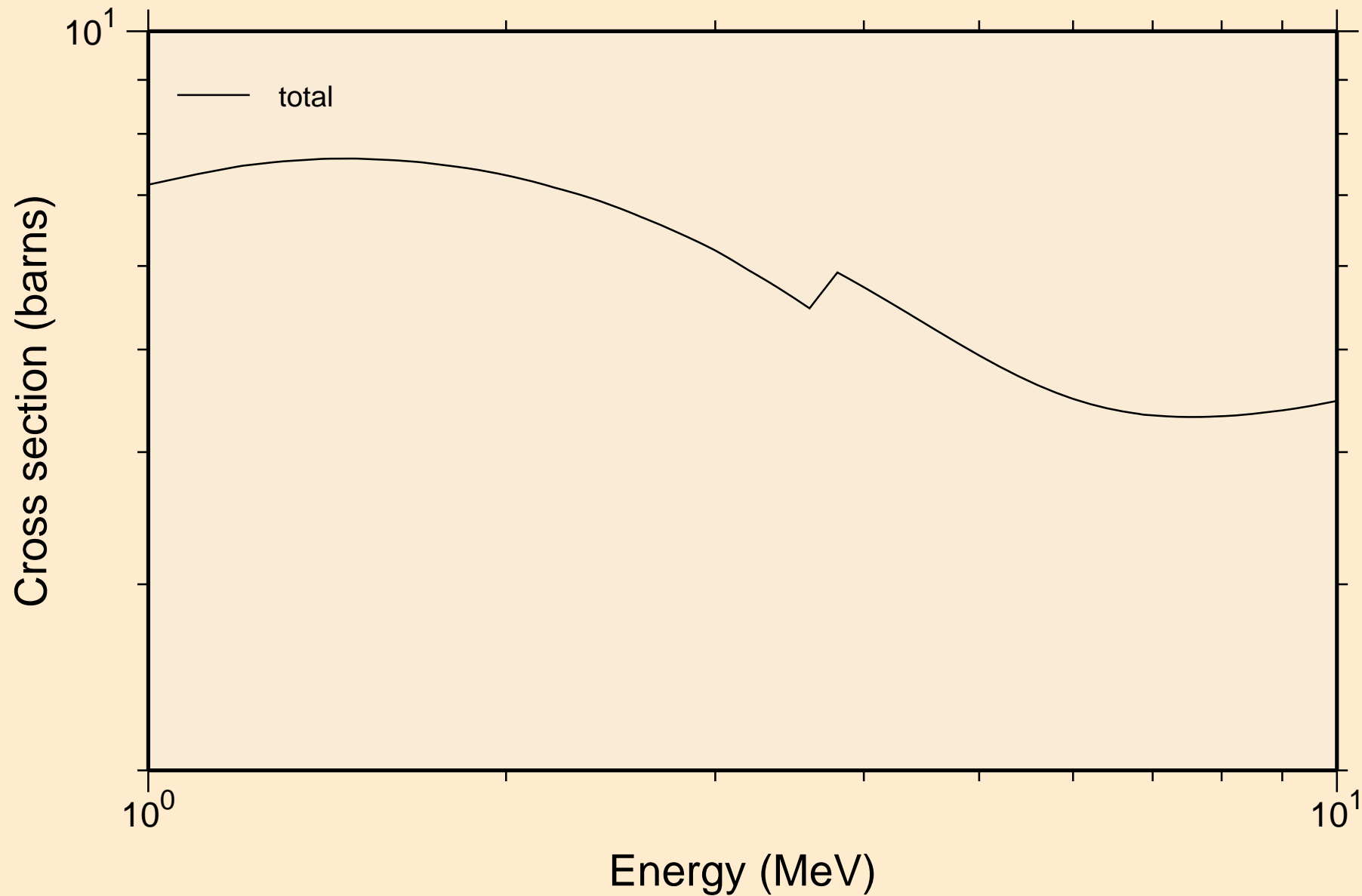
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



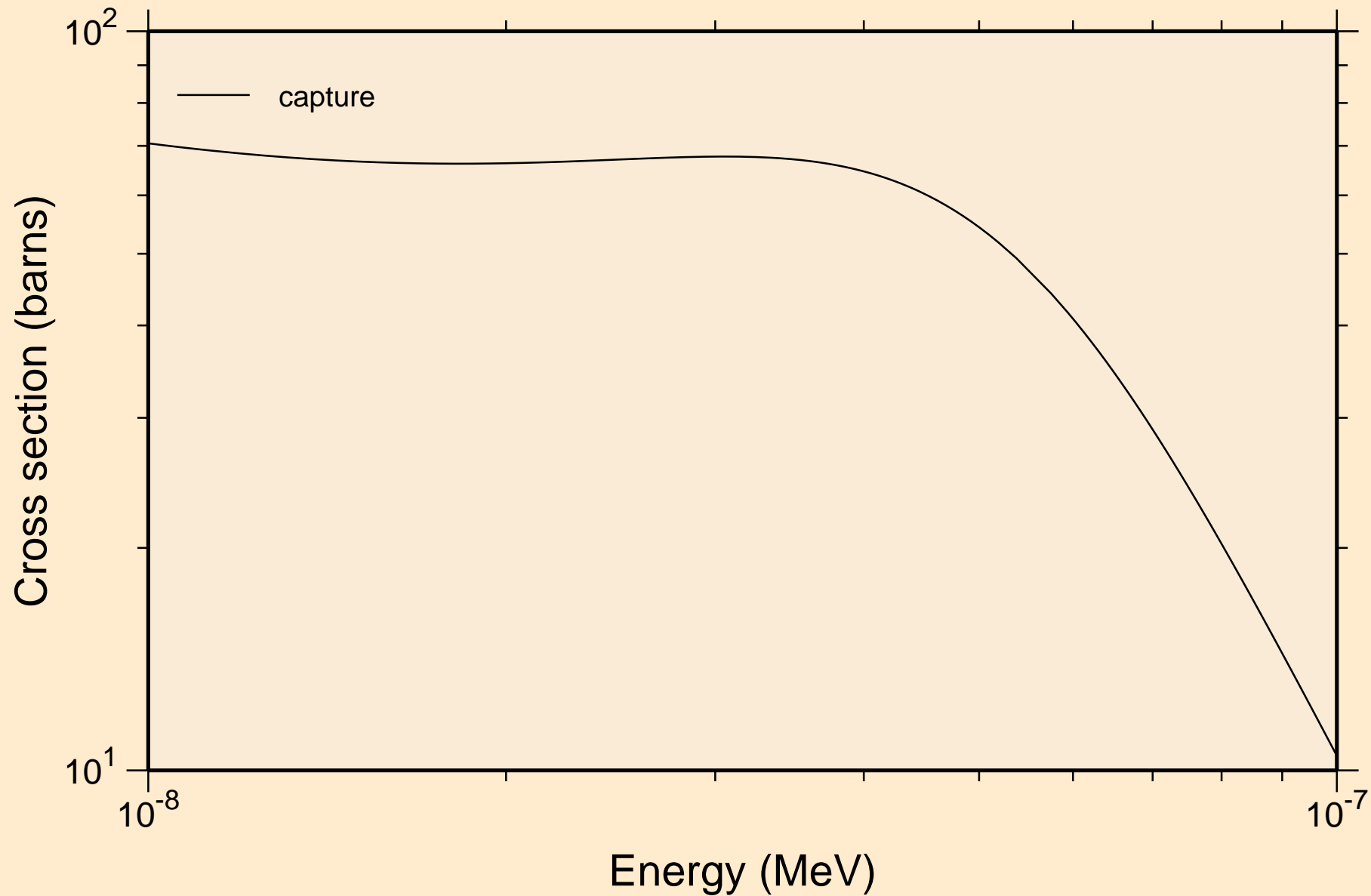
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



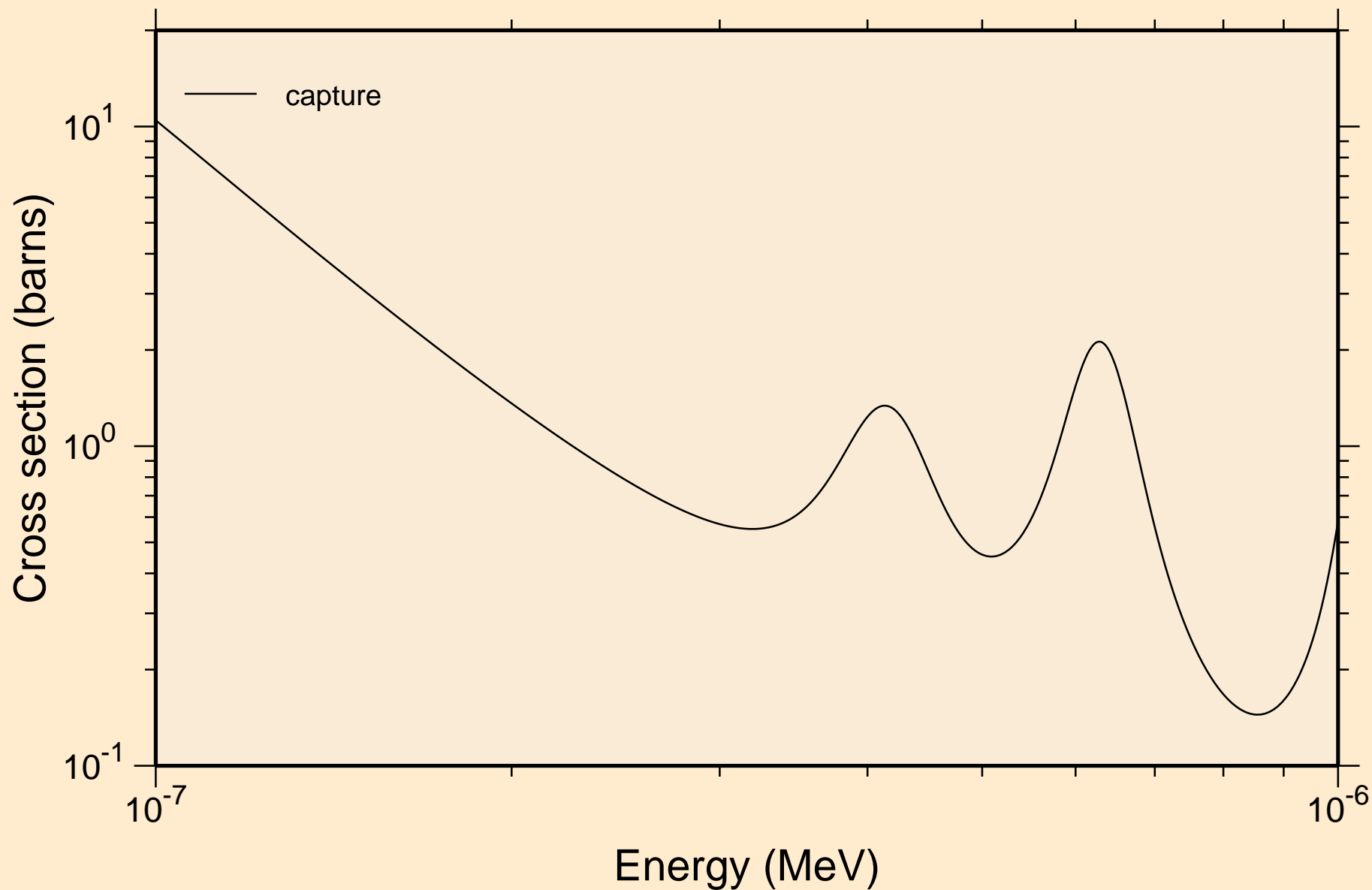
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



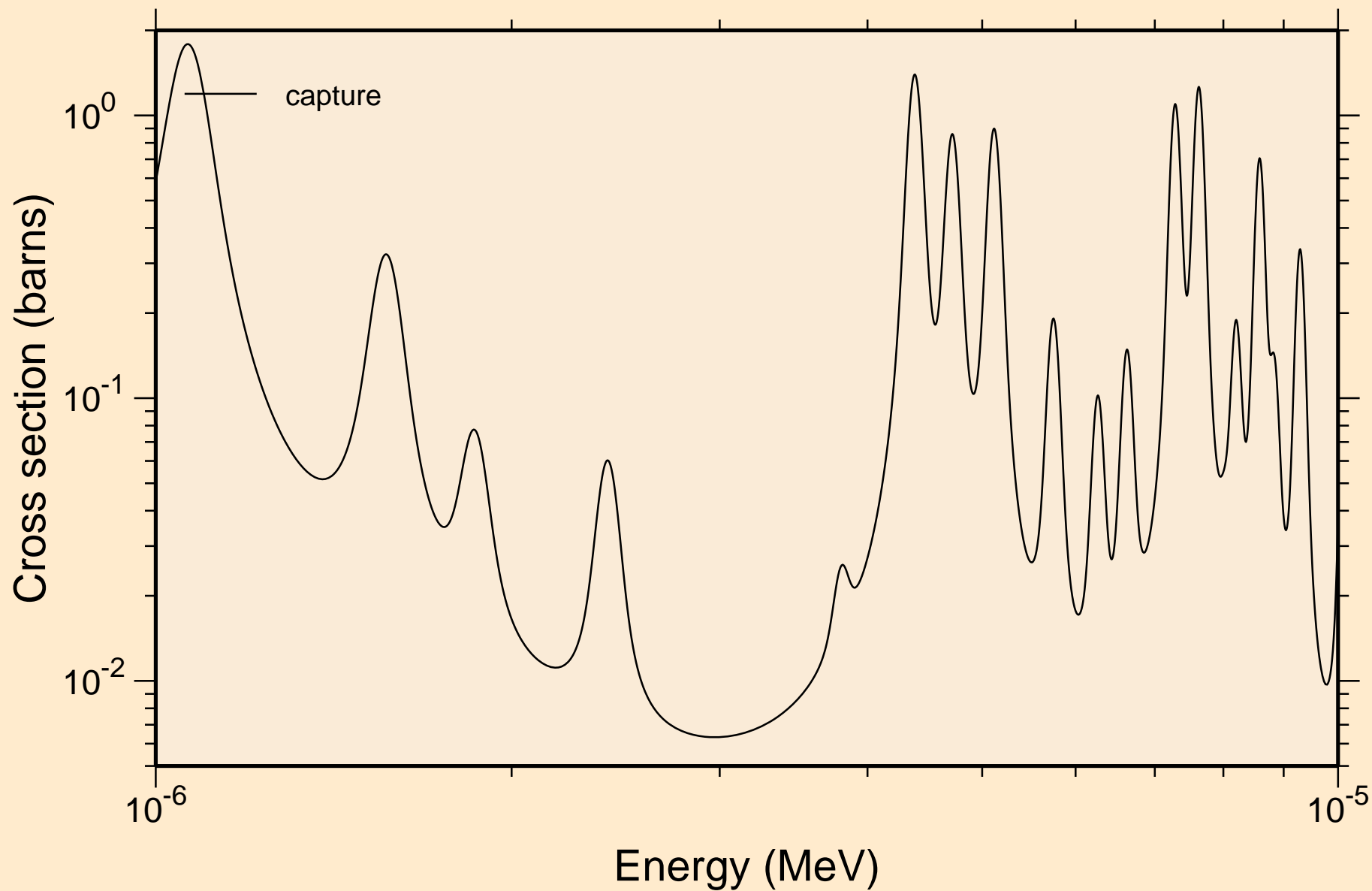
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



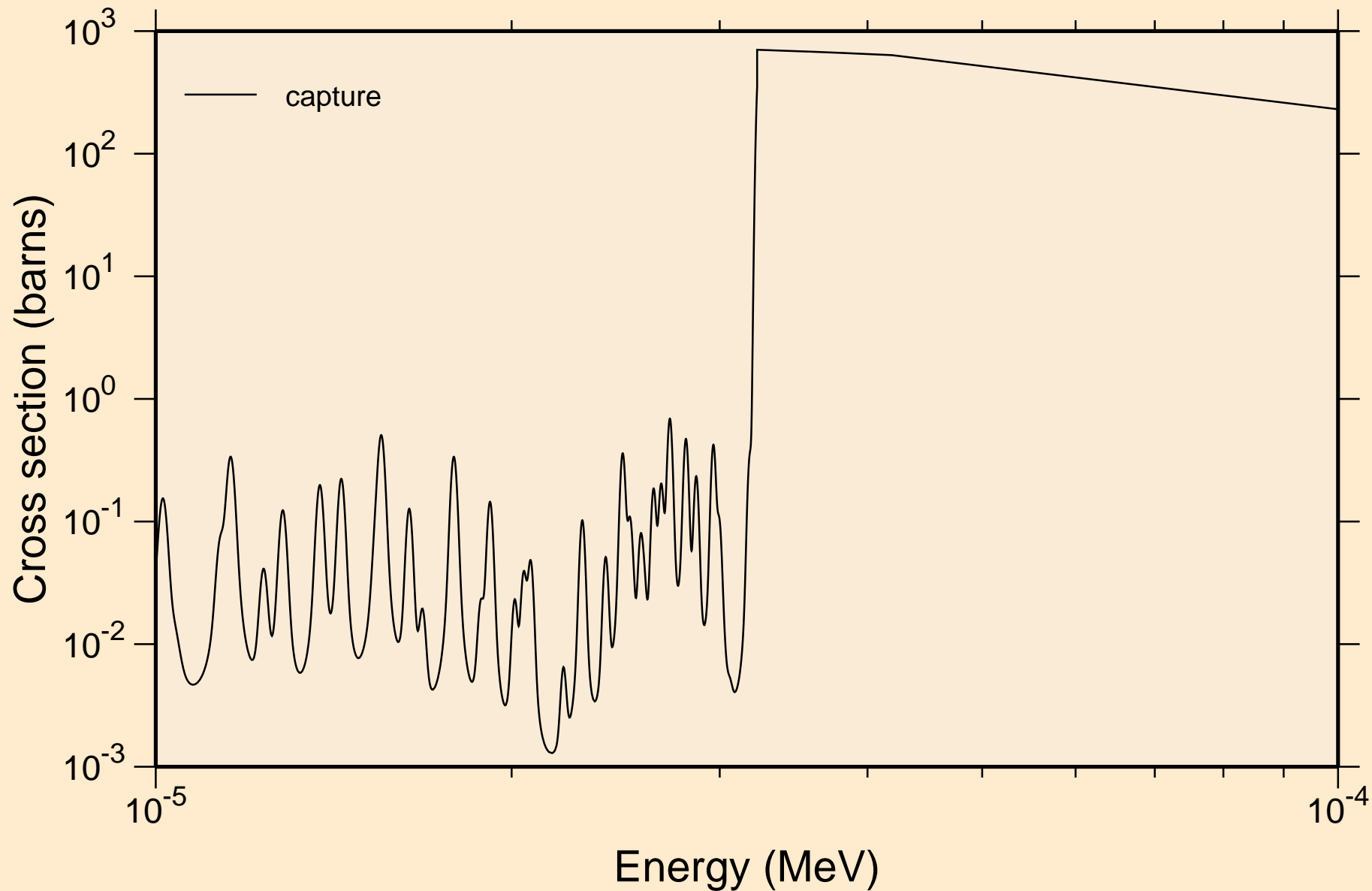
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



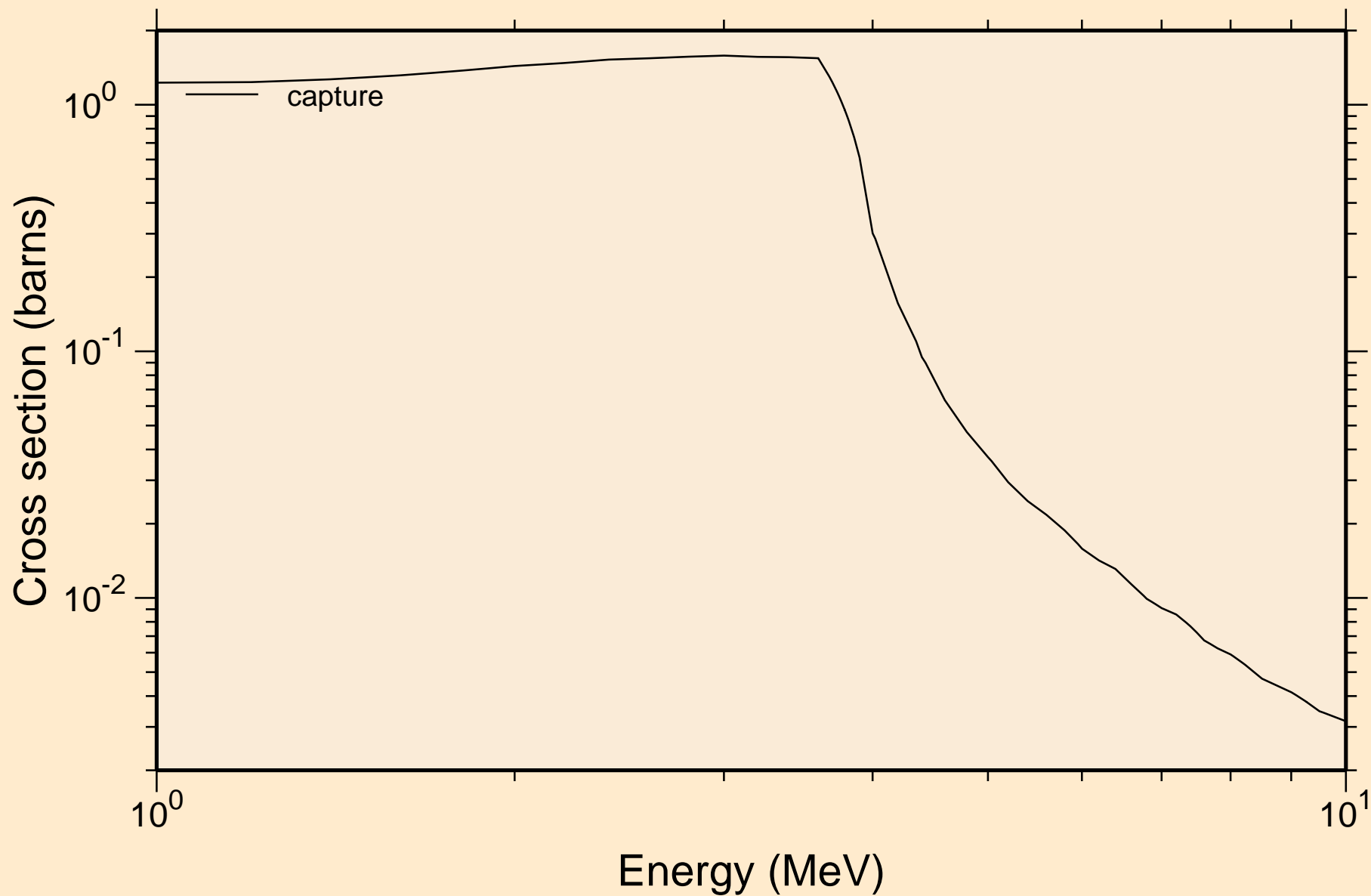
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



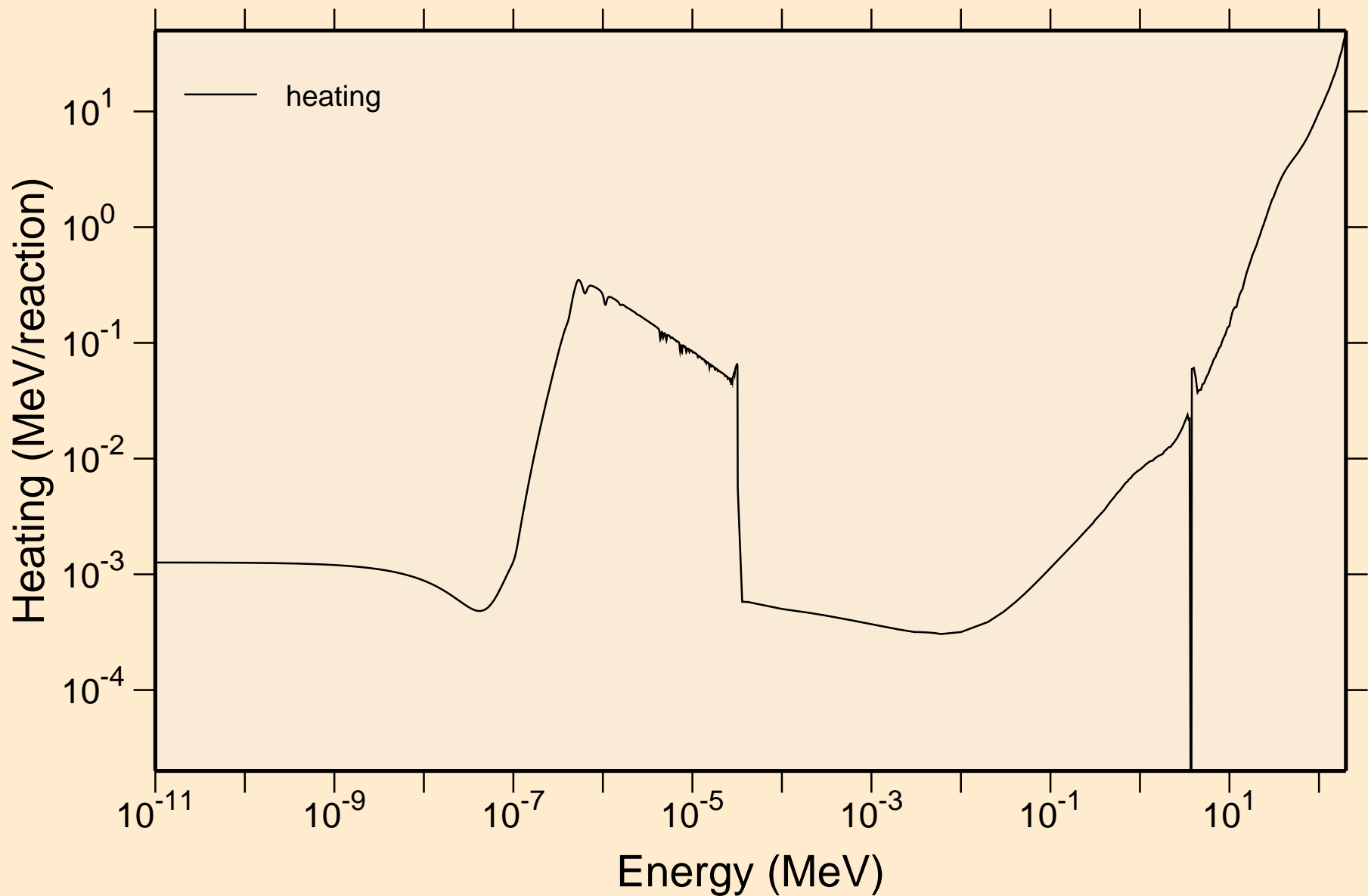
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections

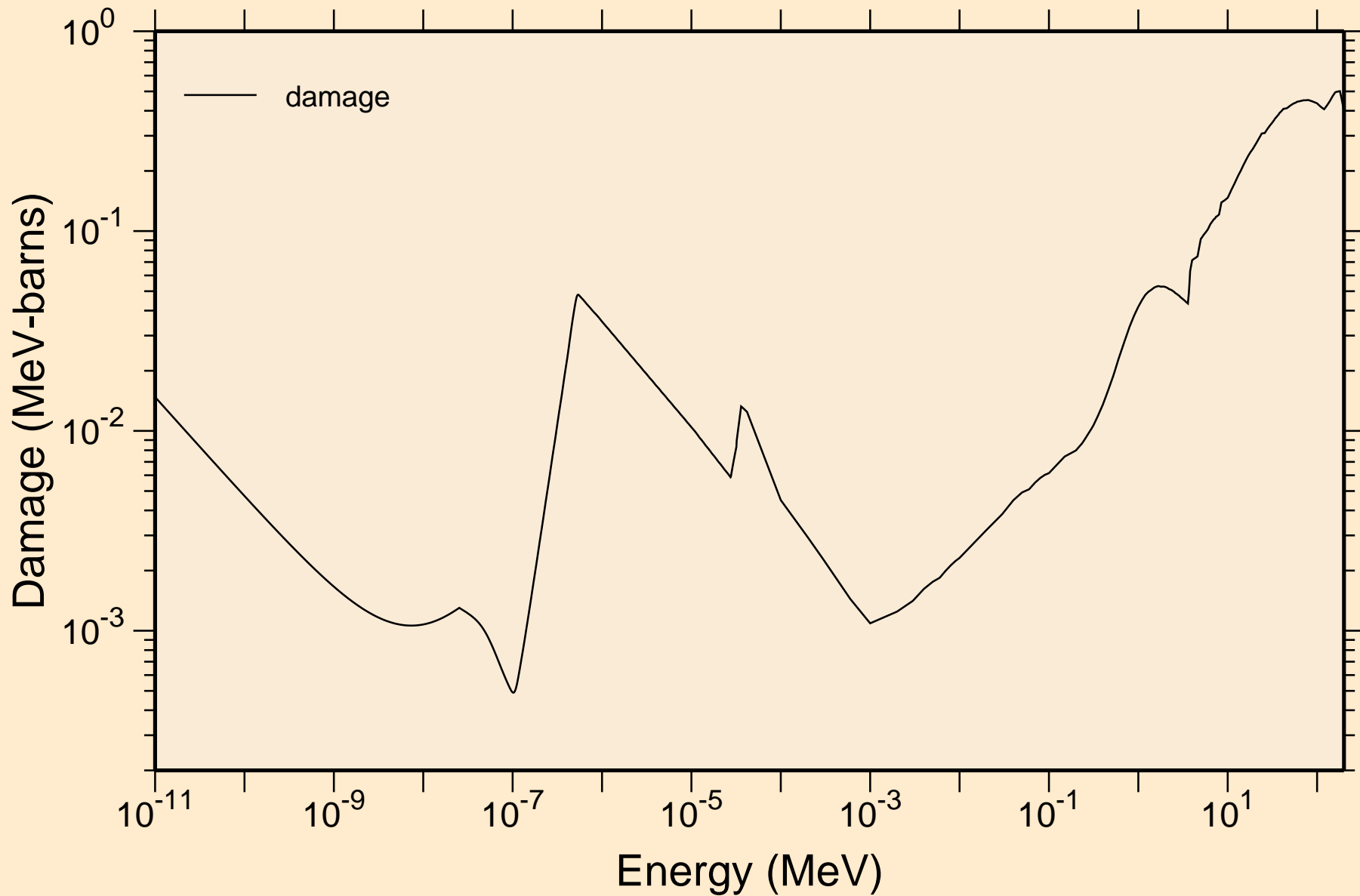


EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



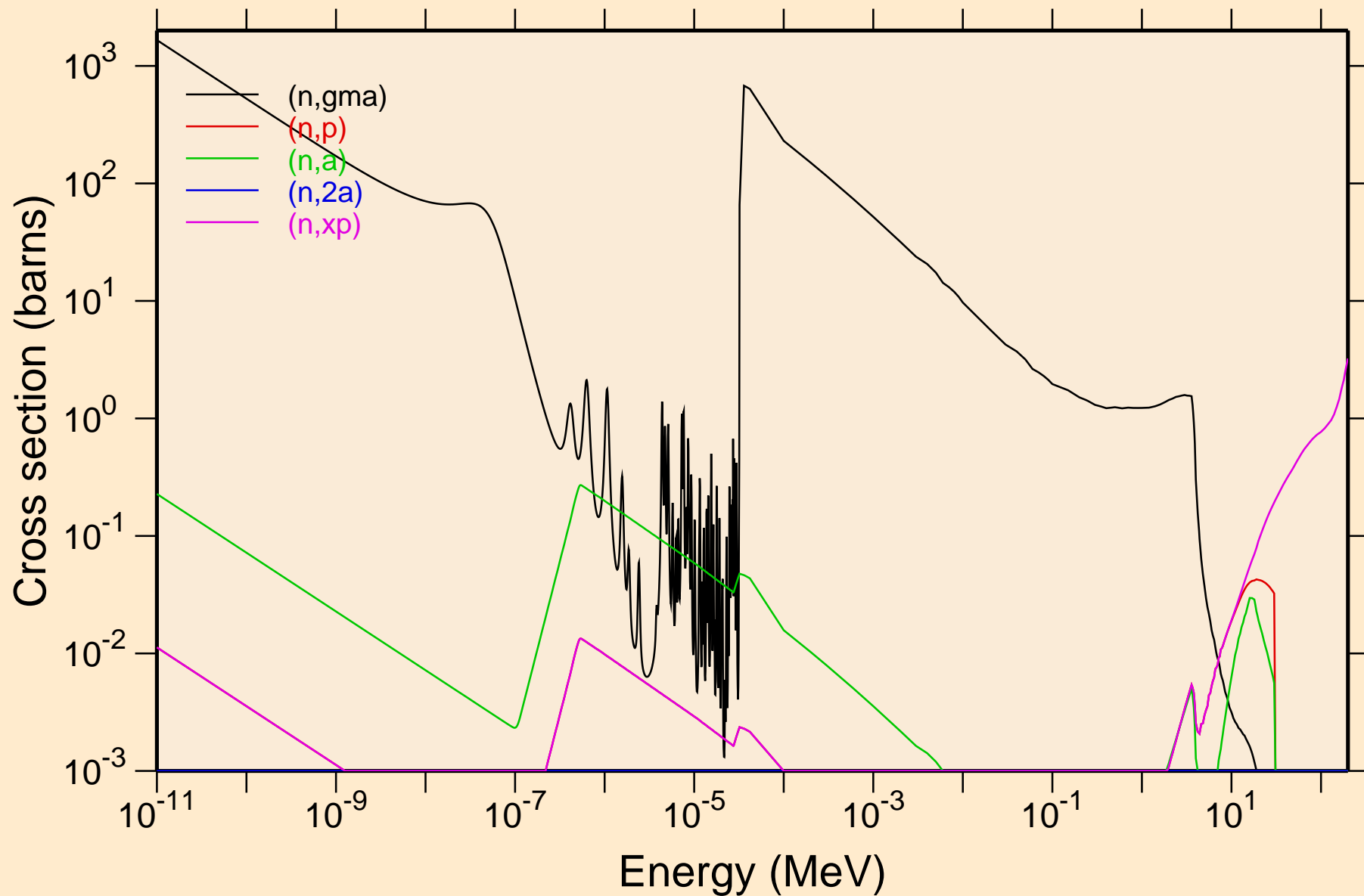
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Damage

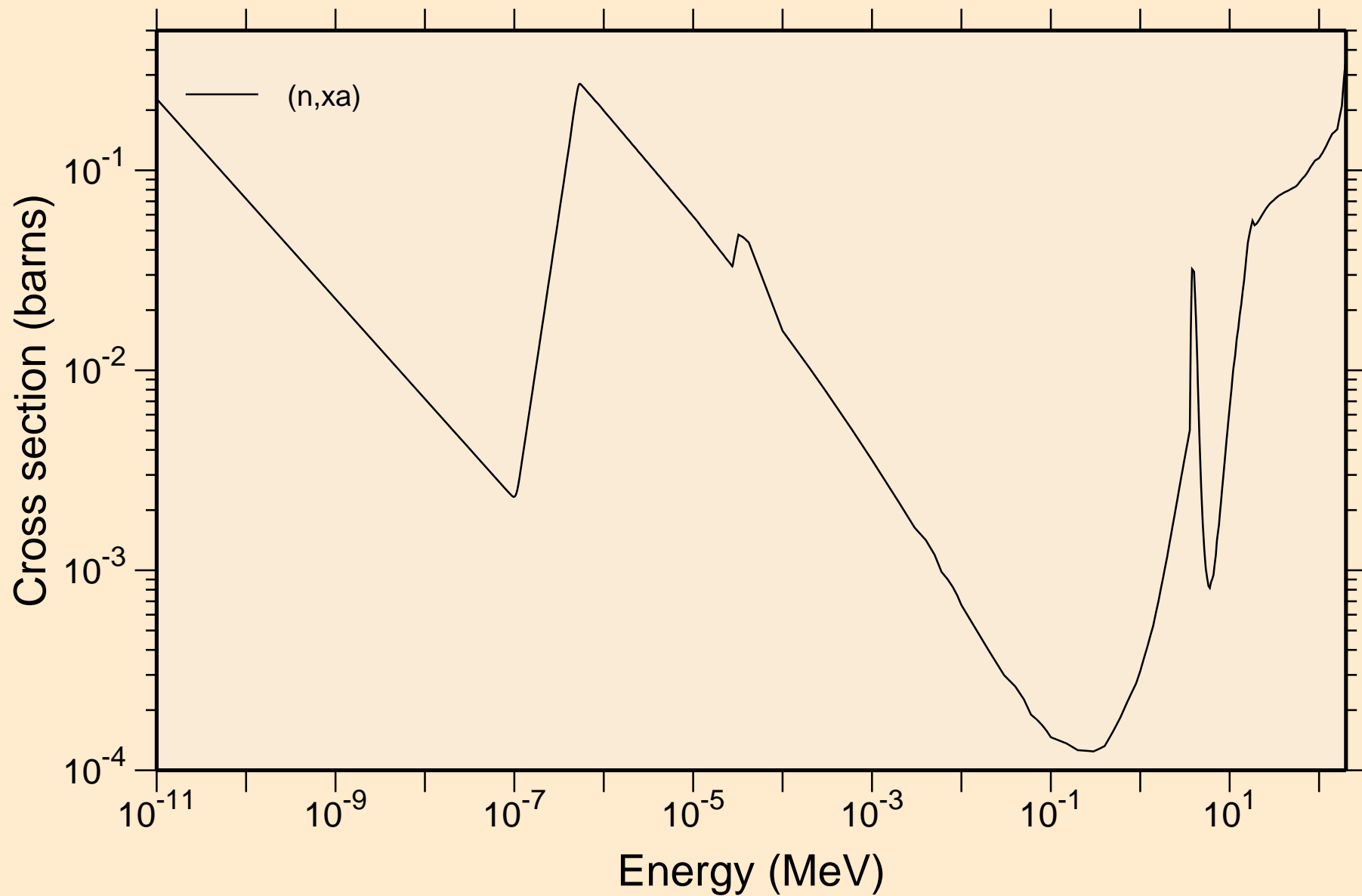


EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Non-threshold reactions

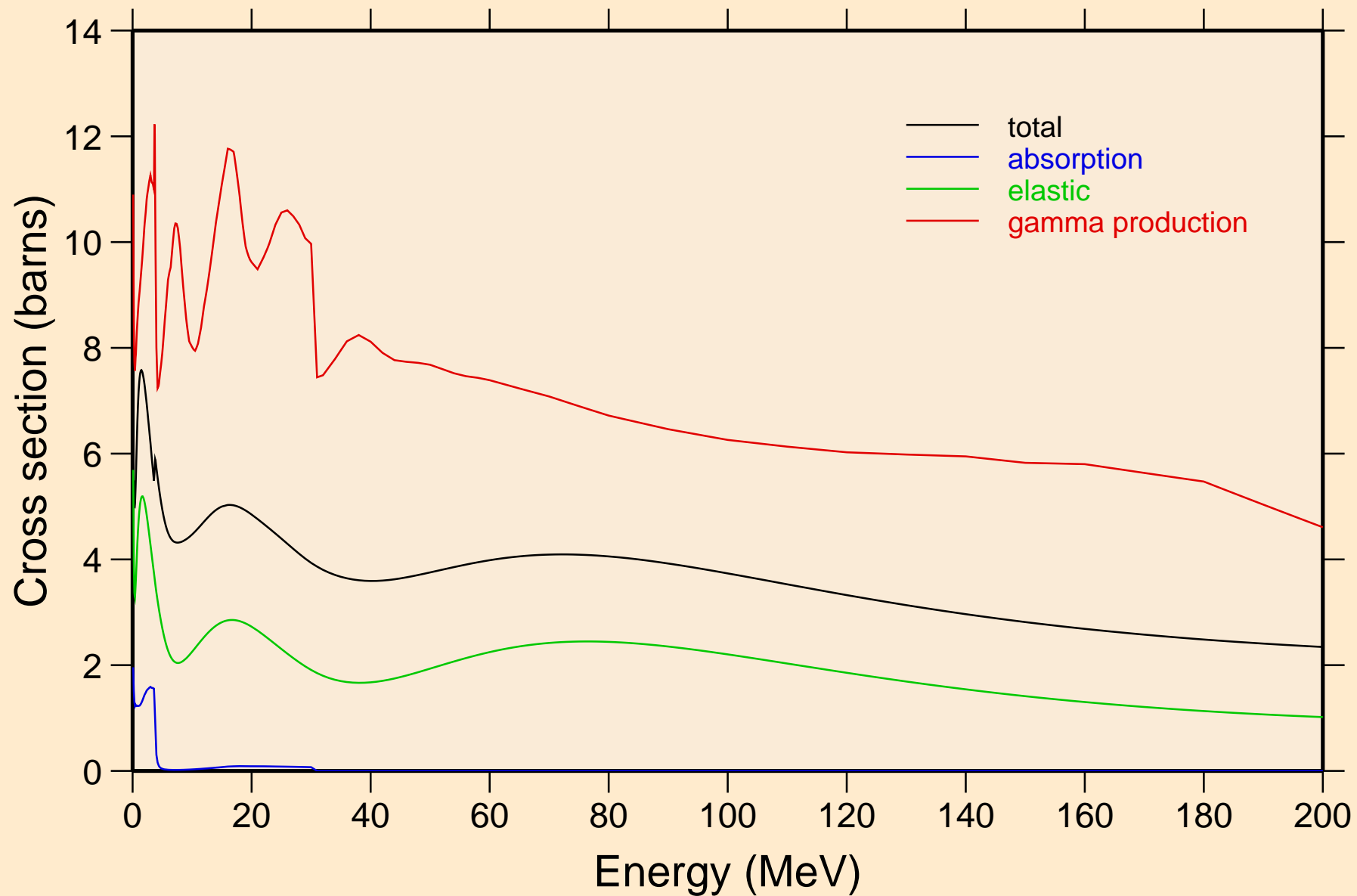


EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

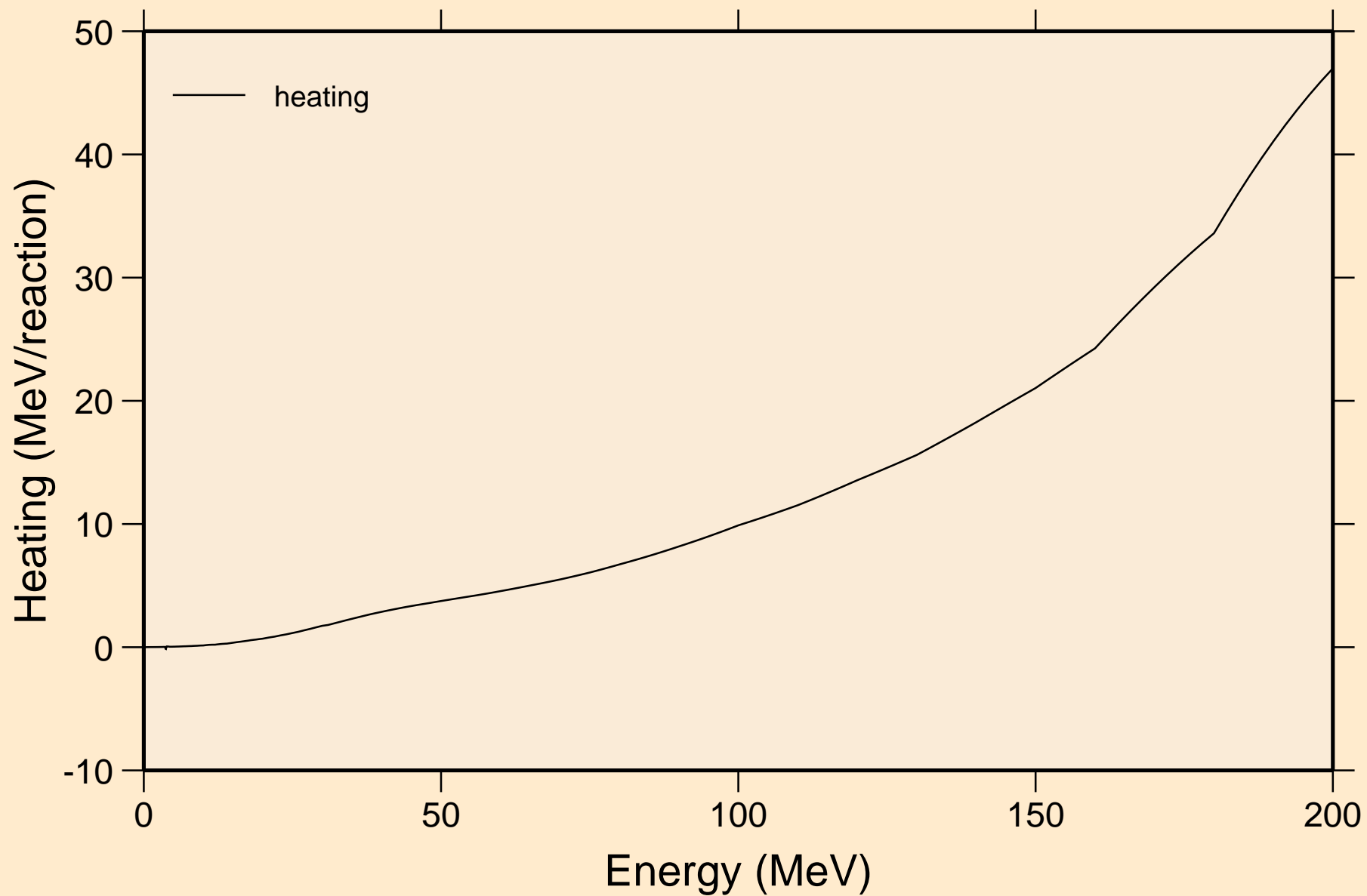


EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

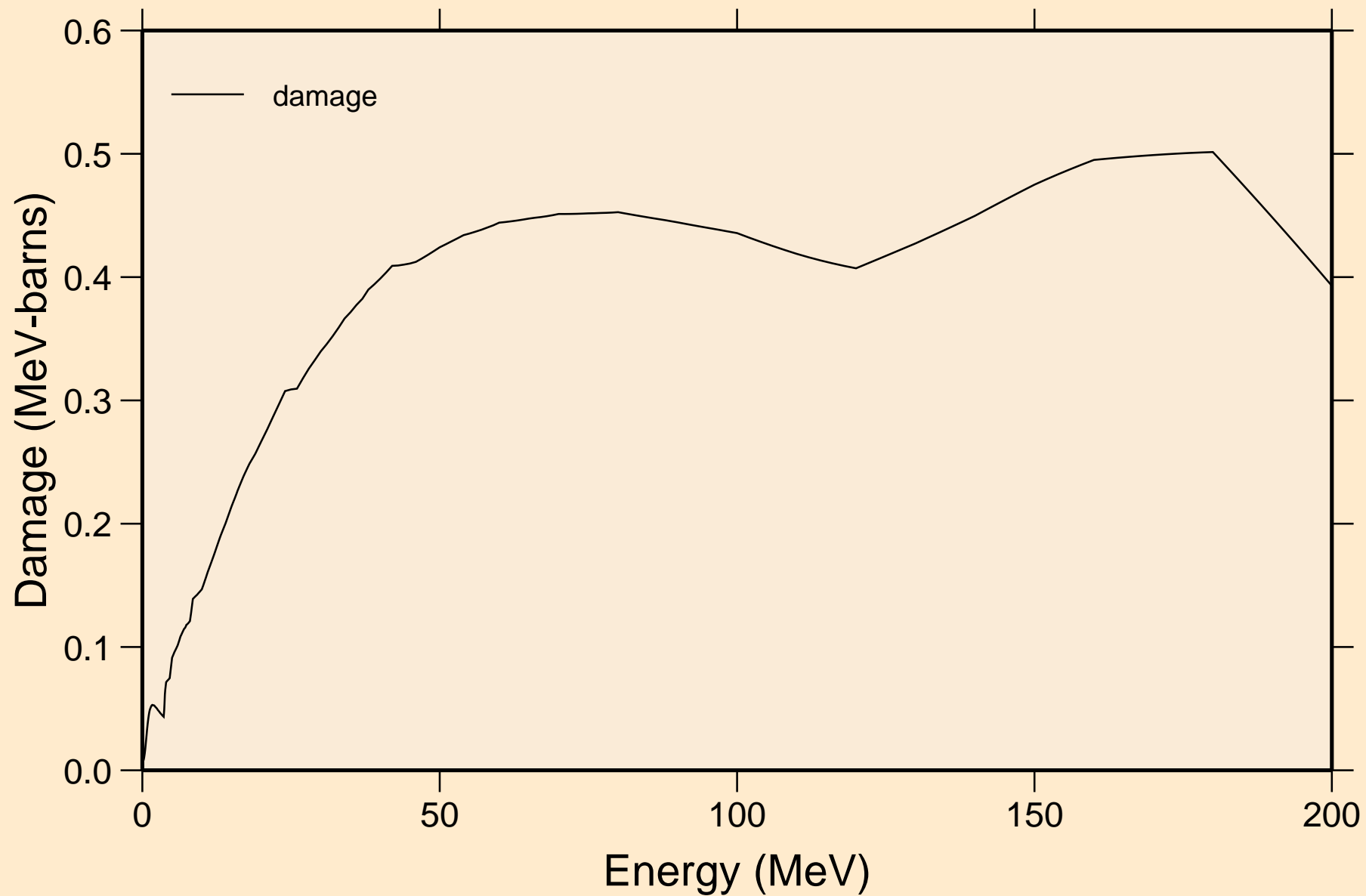
Principal cross sections



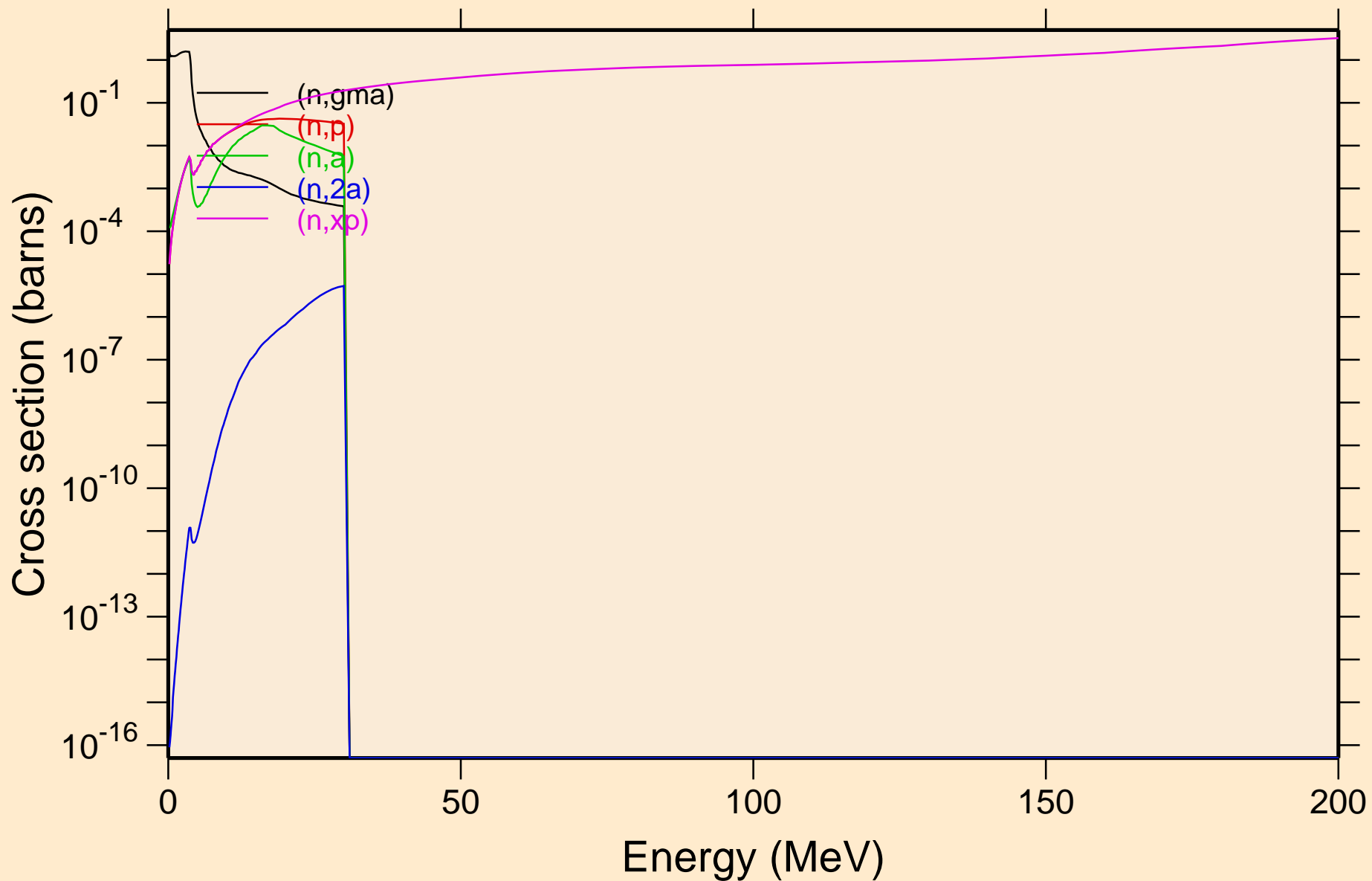
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



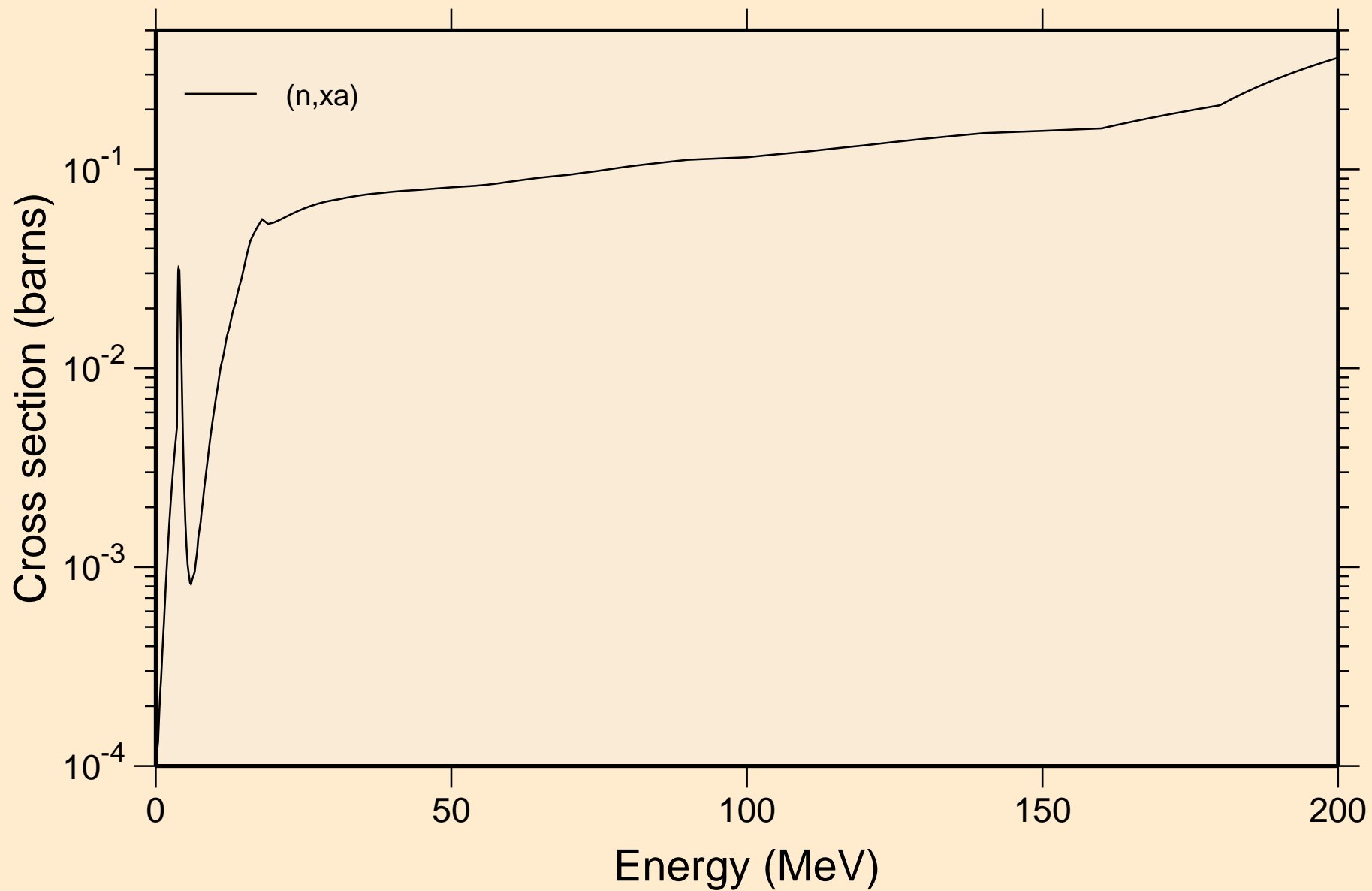
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



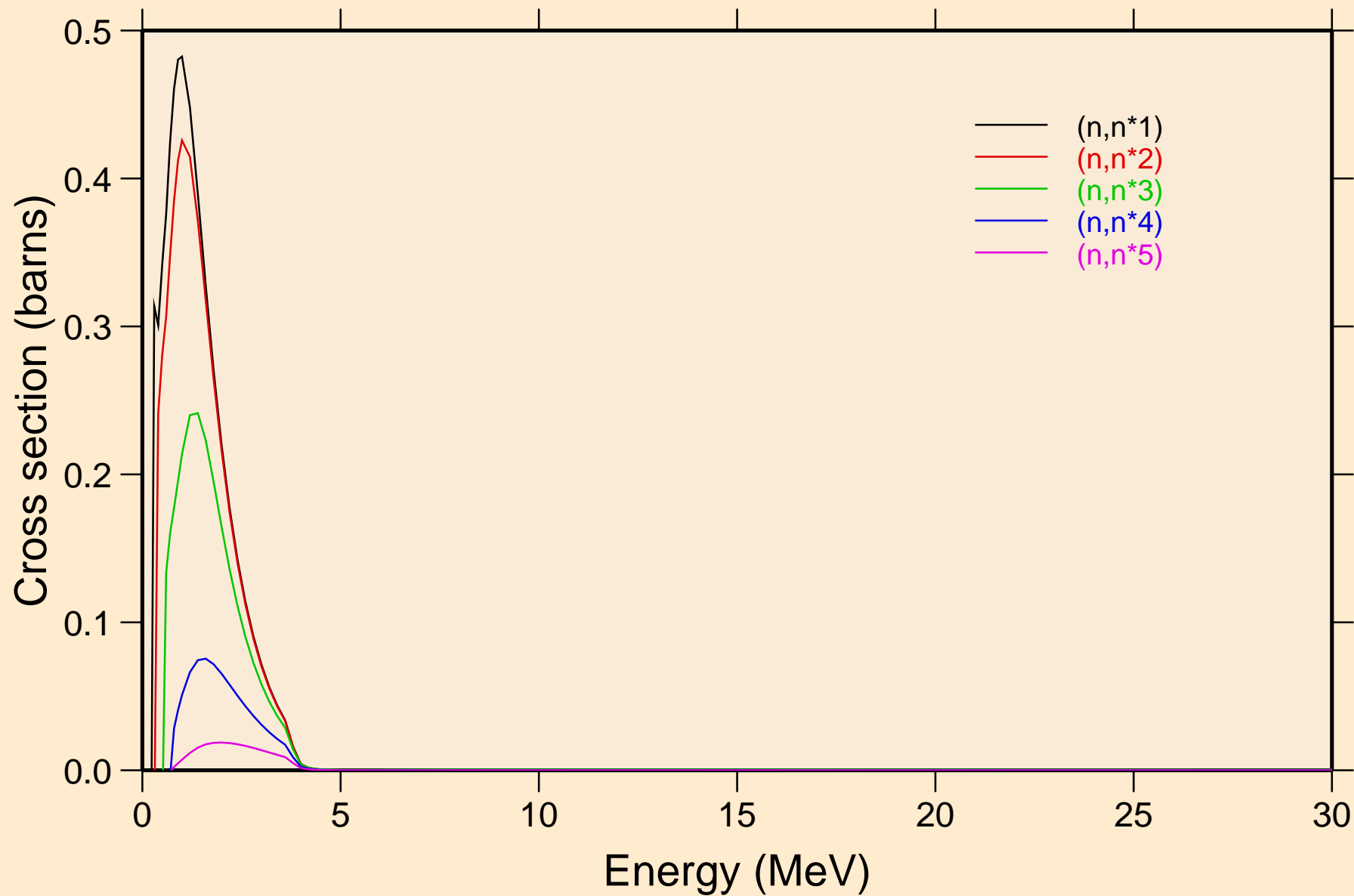
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



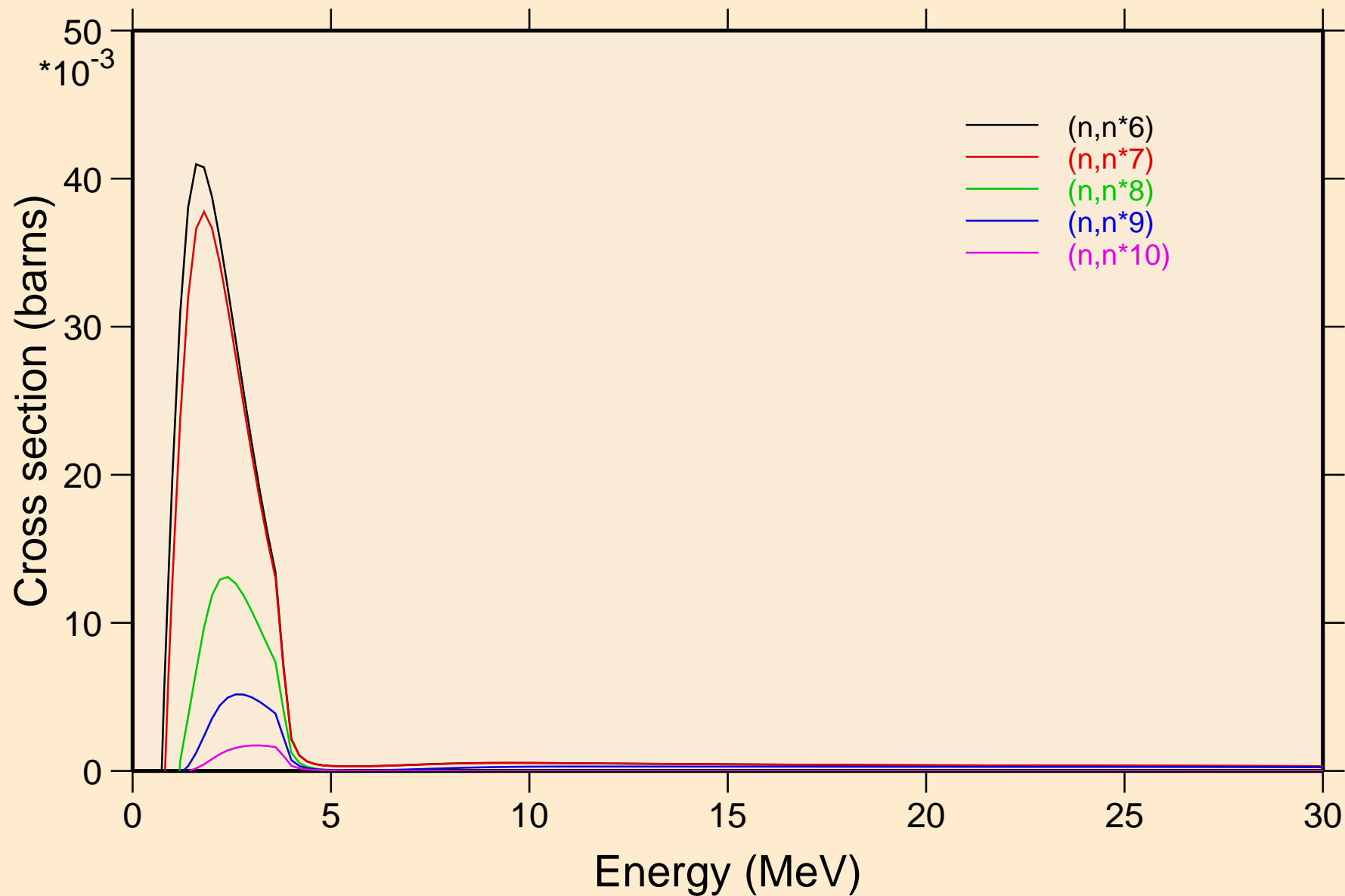
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



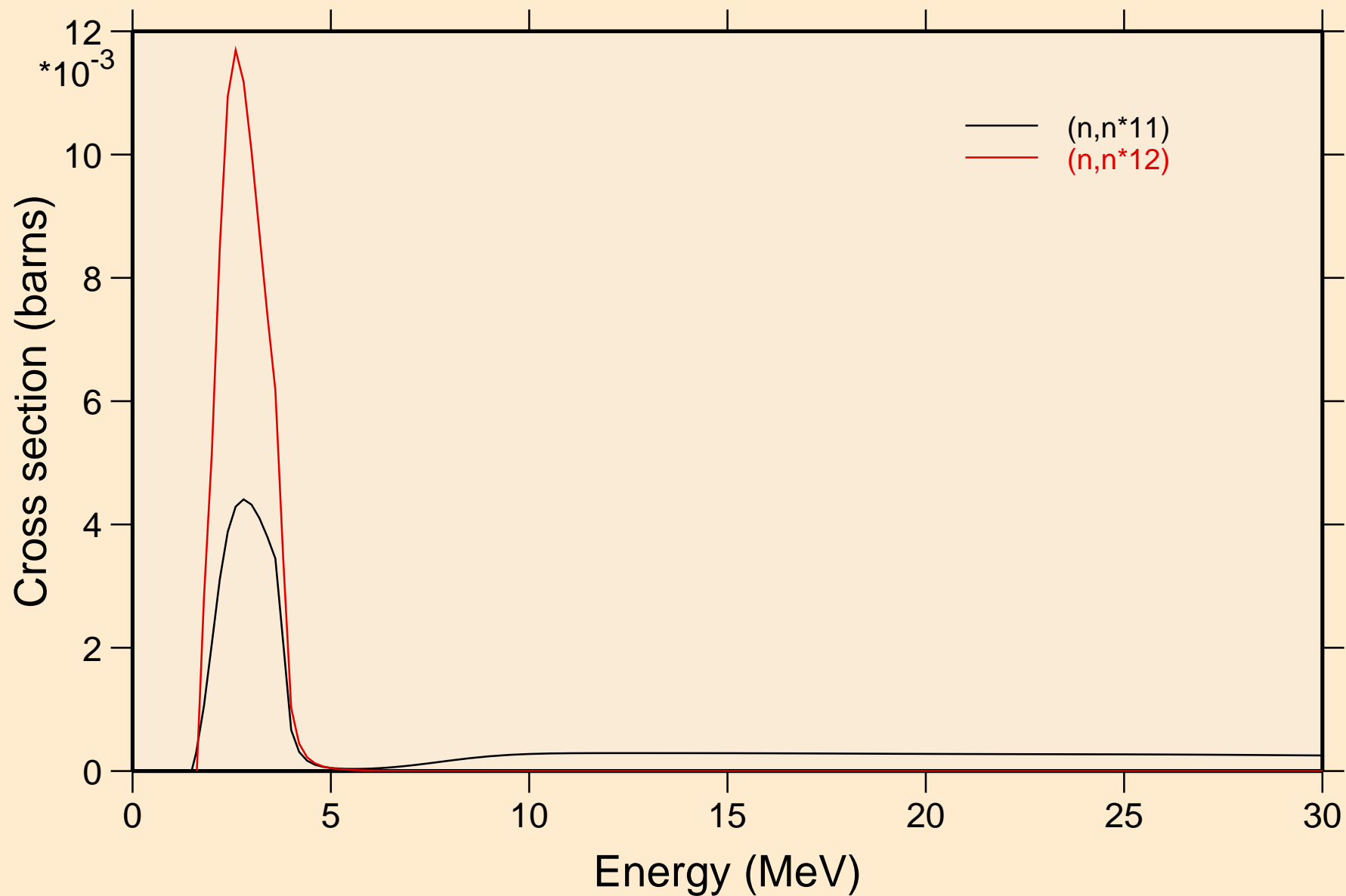
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



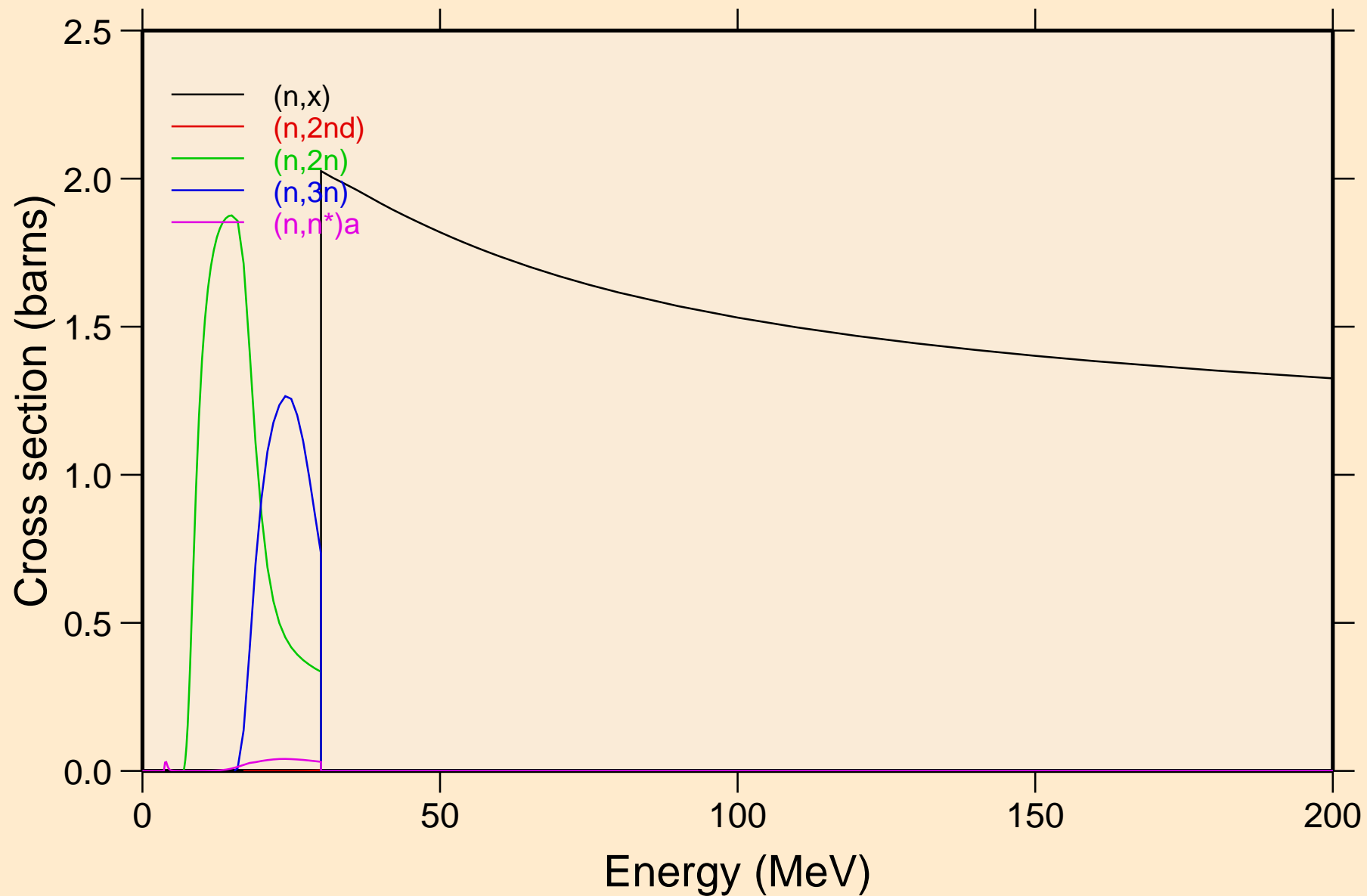
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



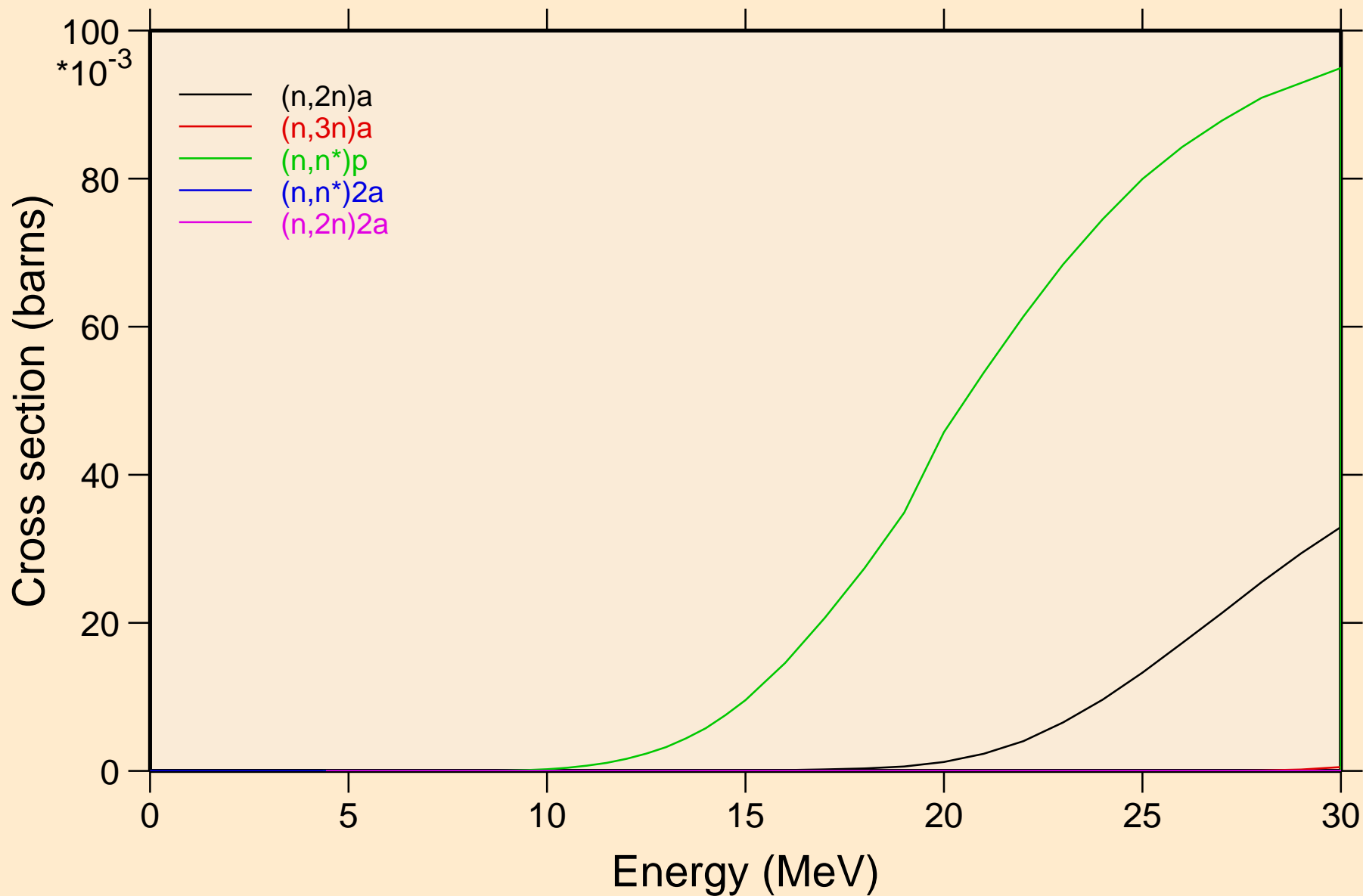
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



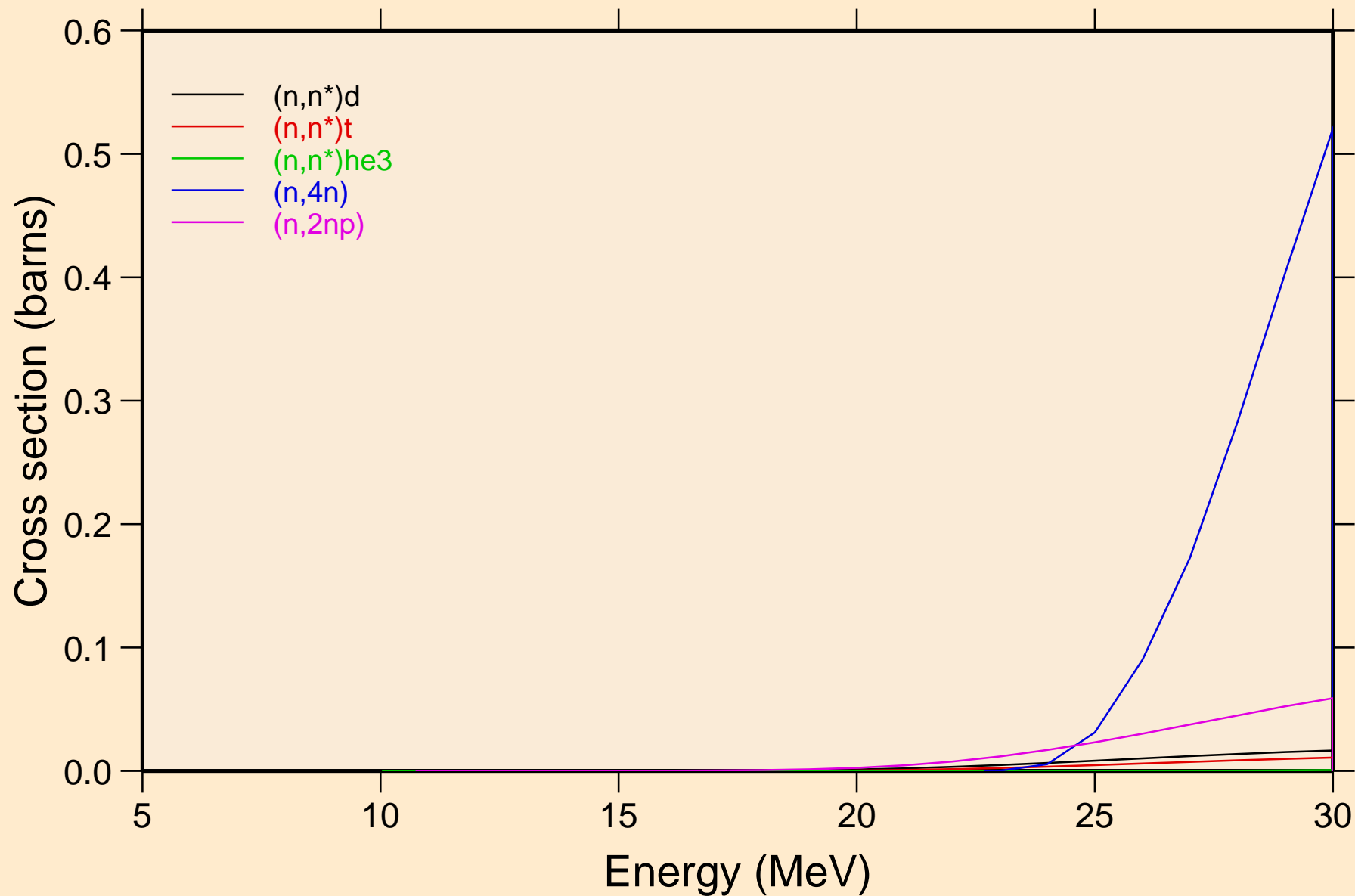
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



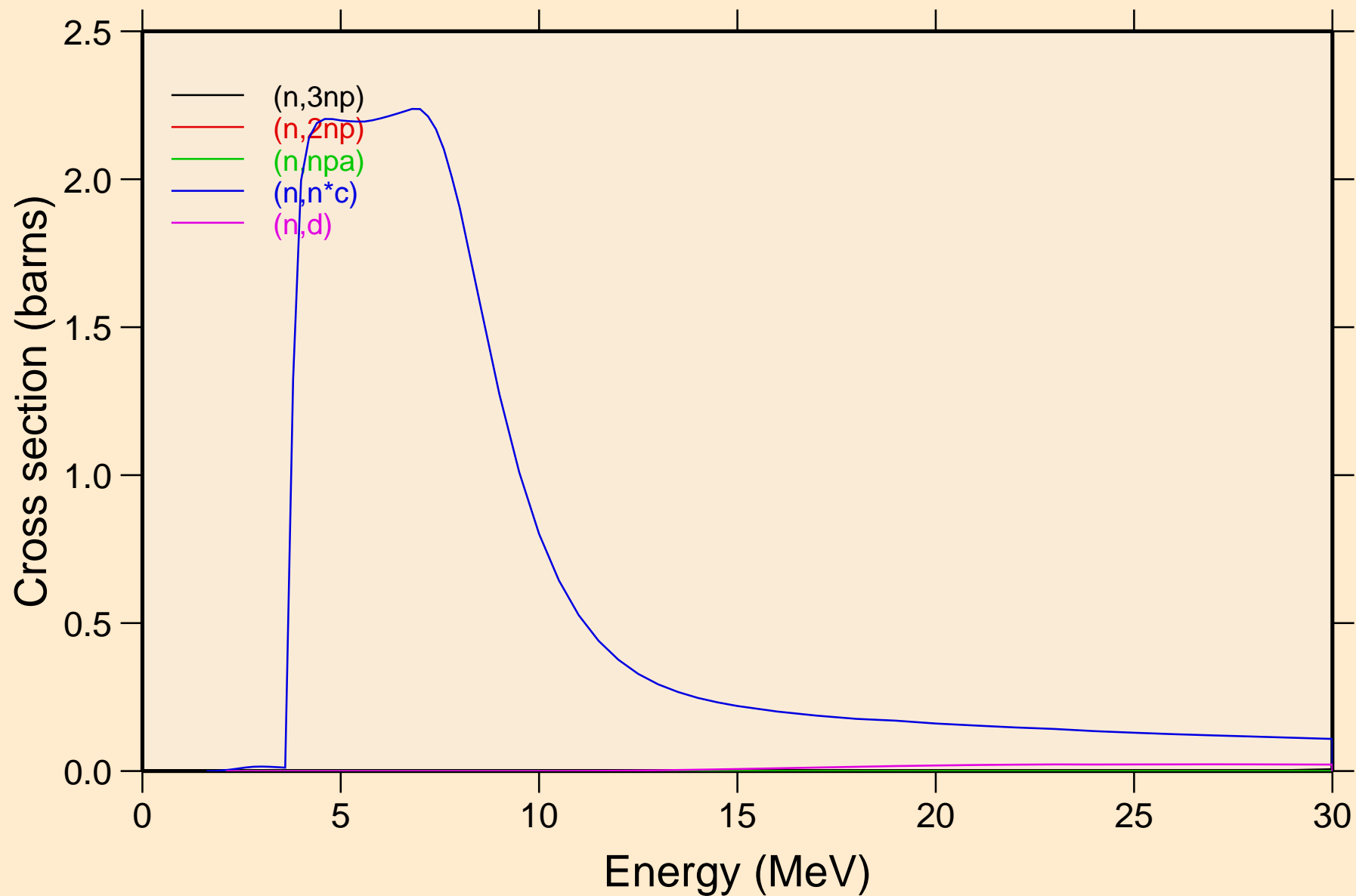
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



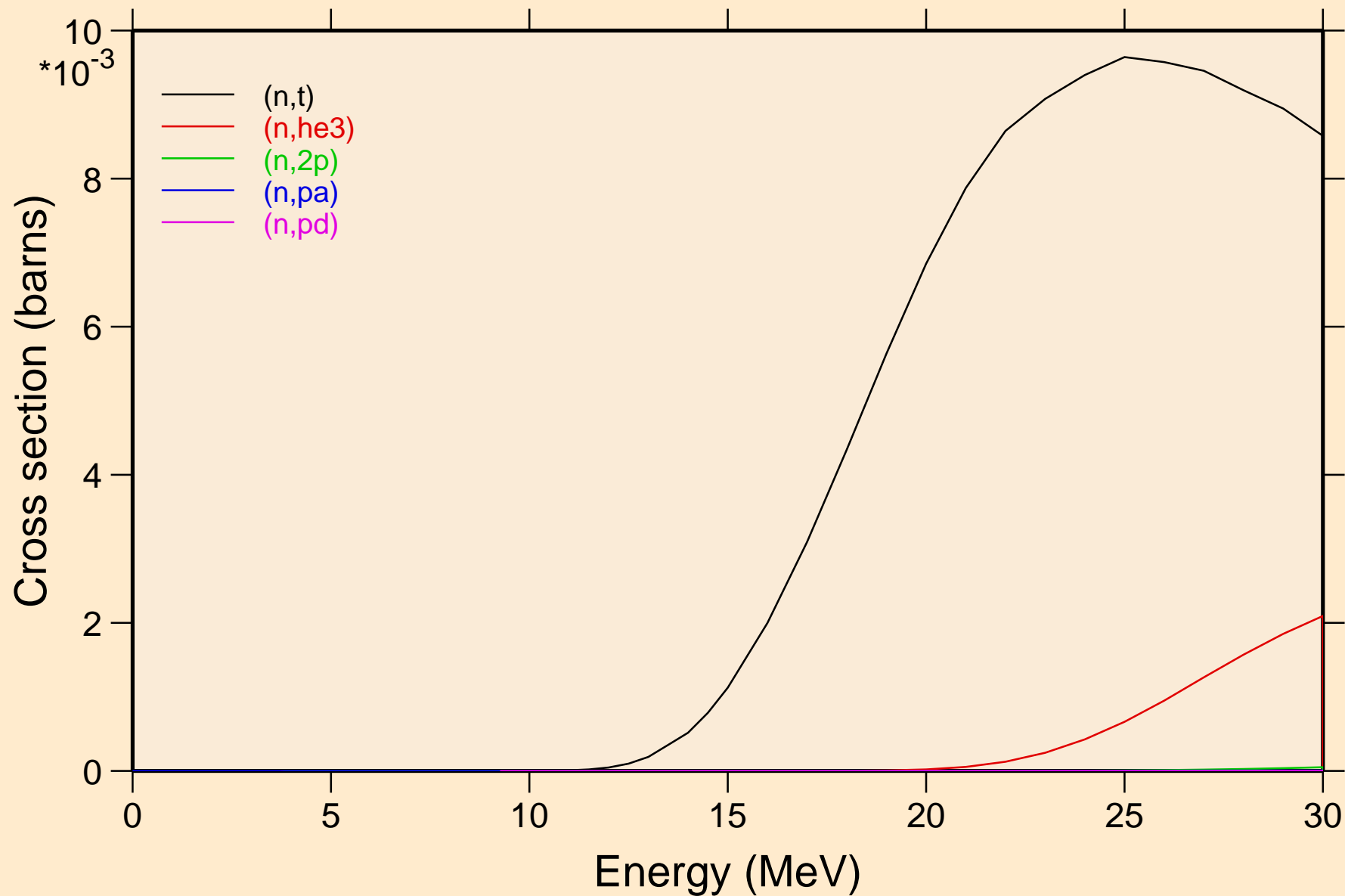
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



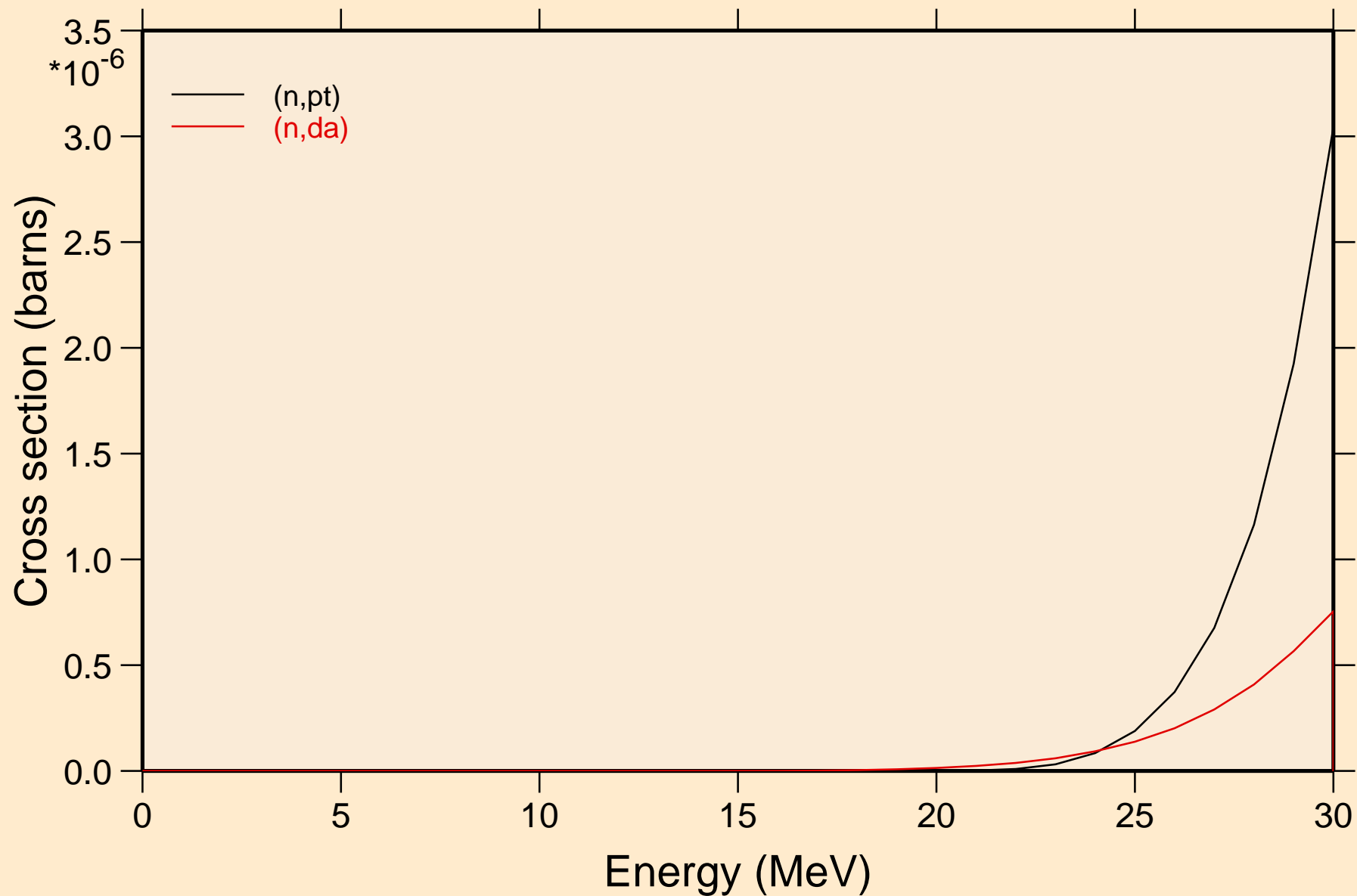
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



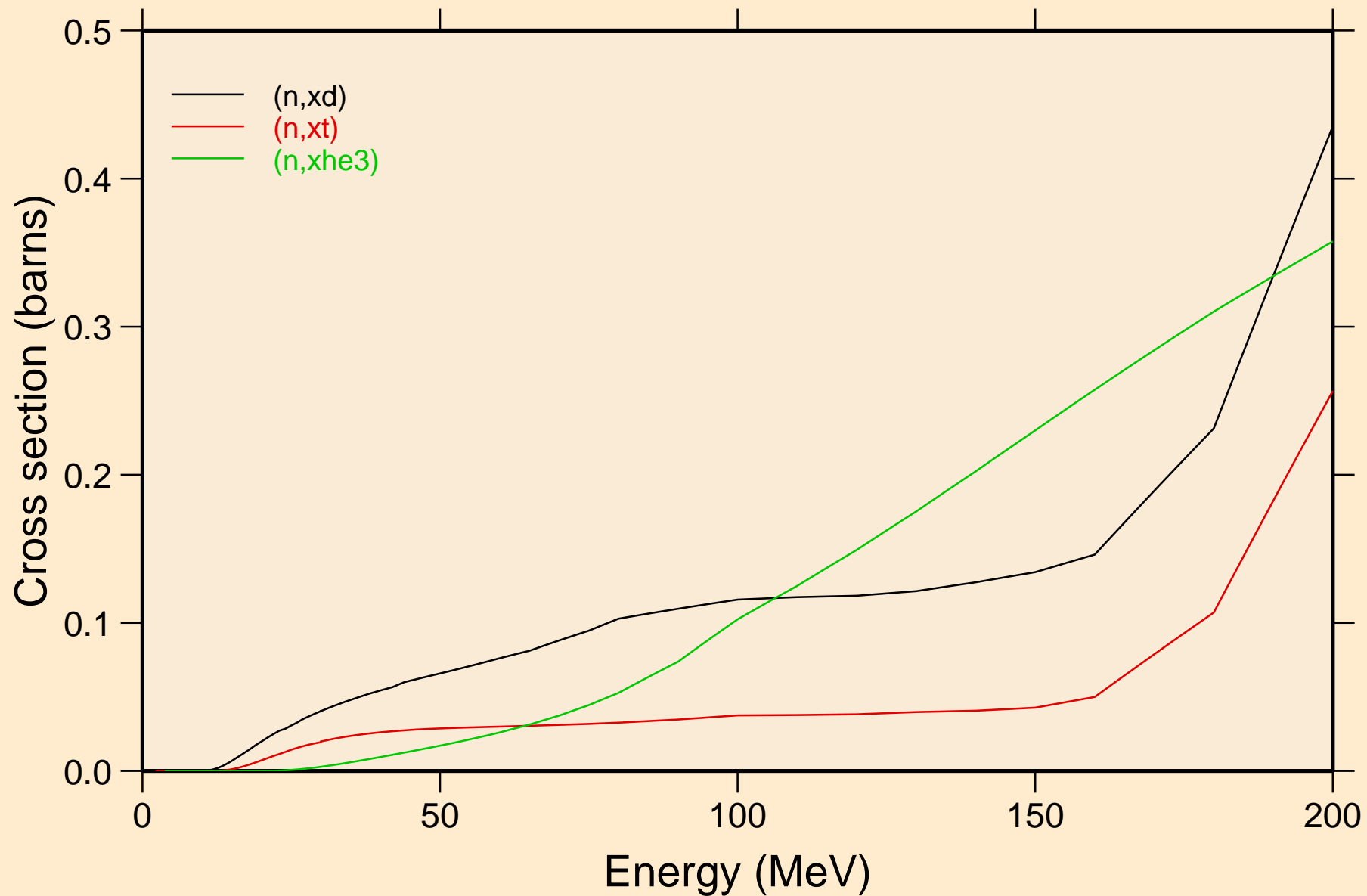
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



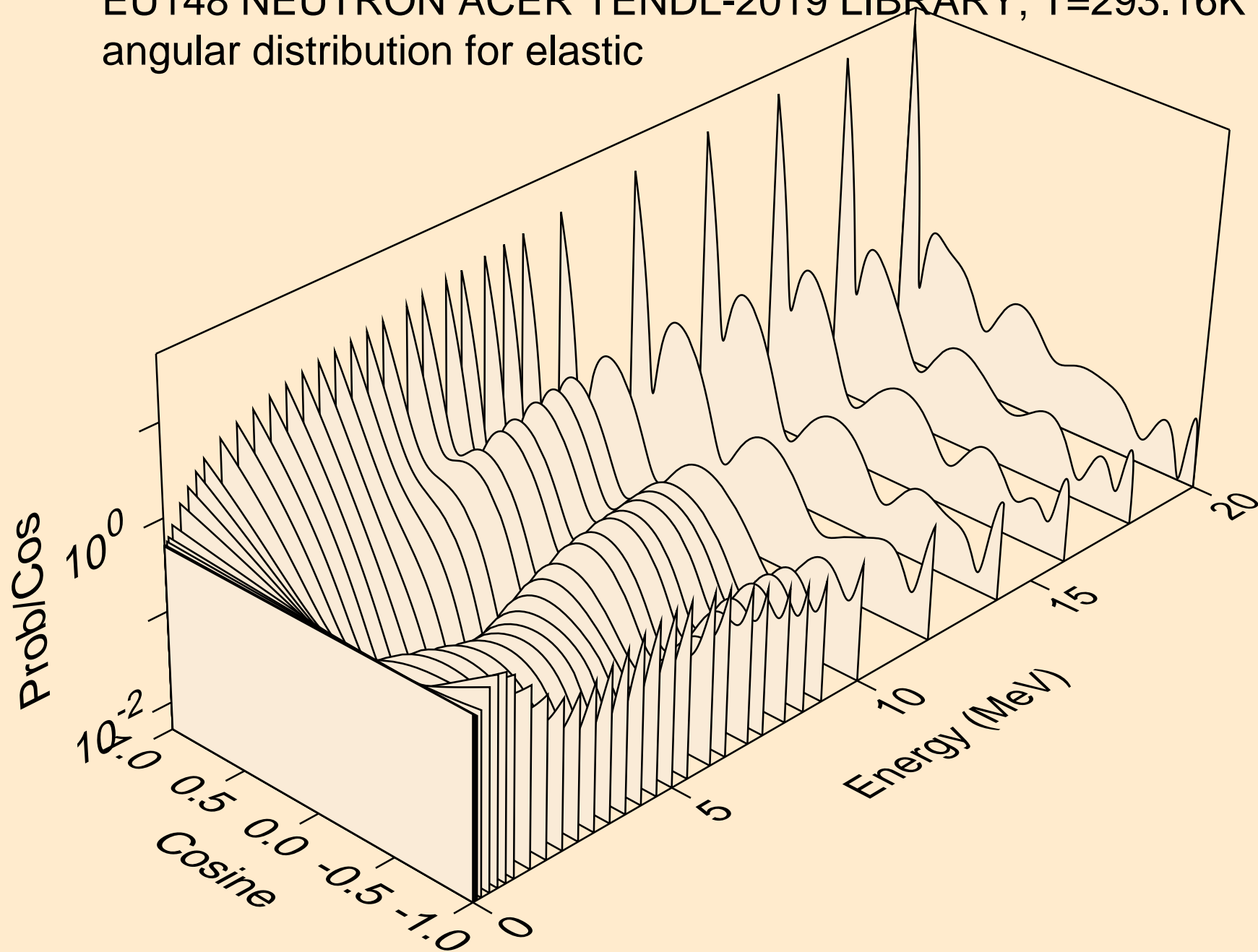
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



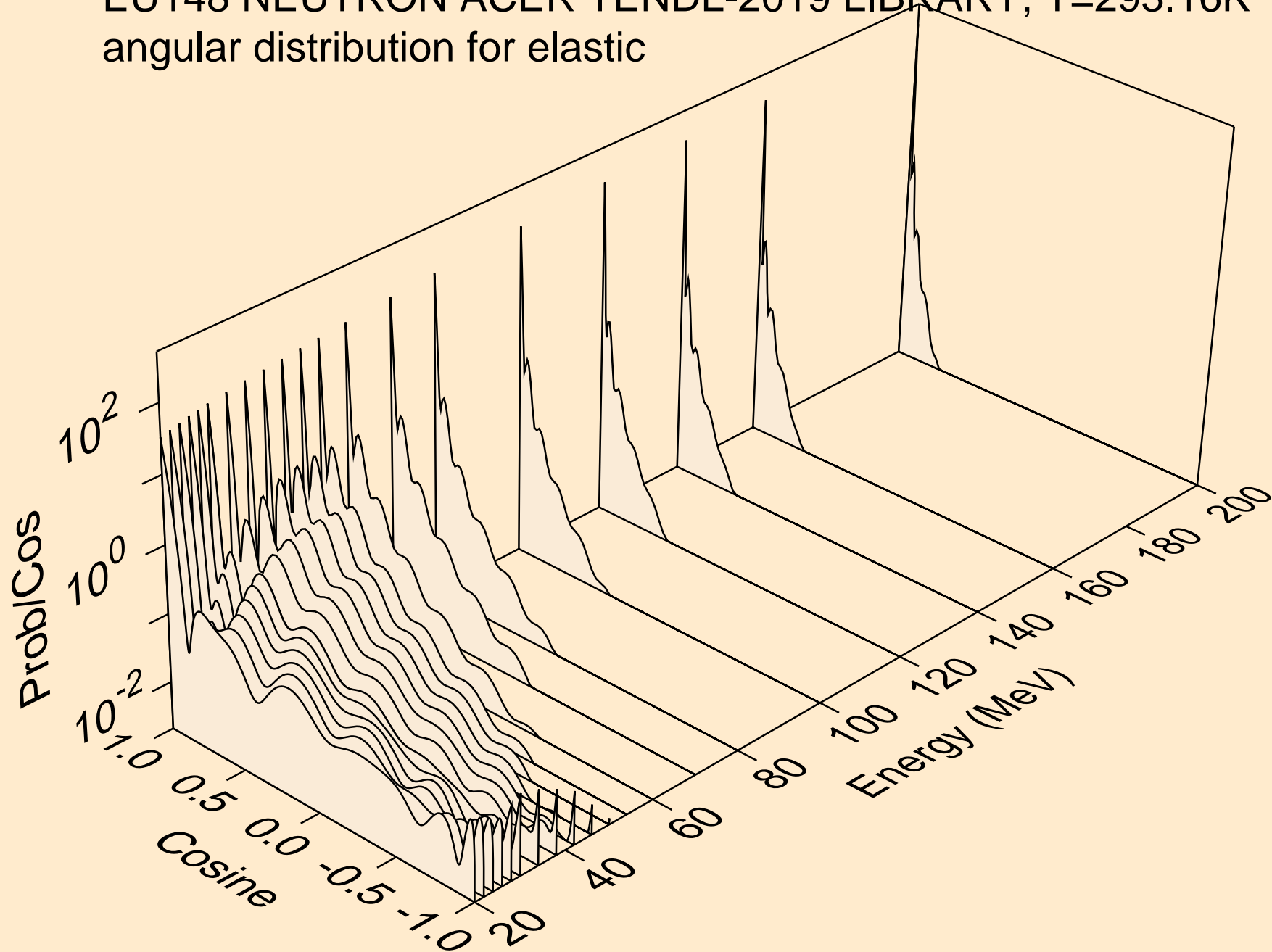
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



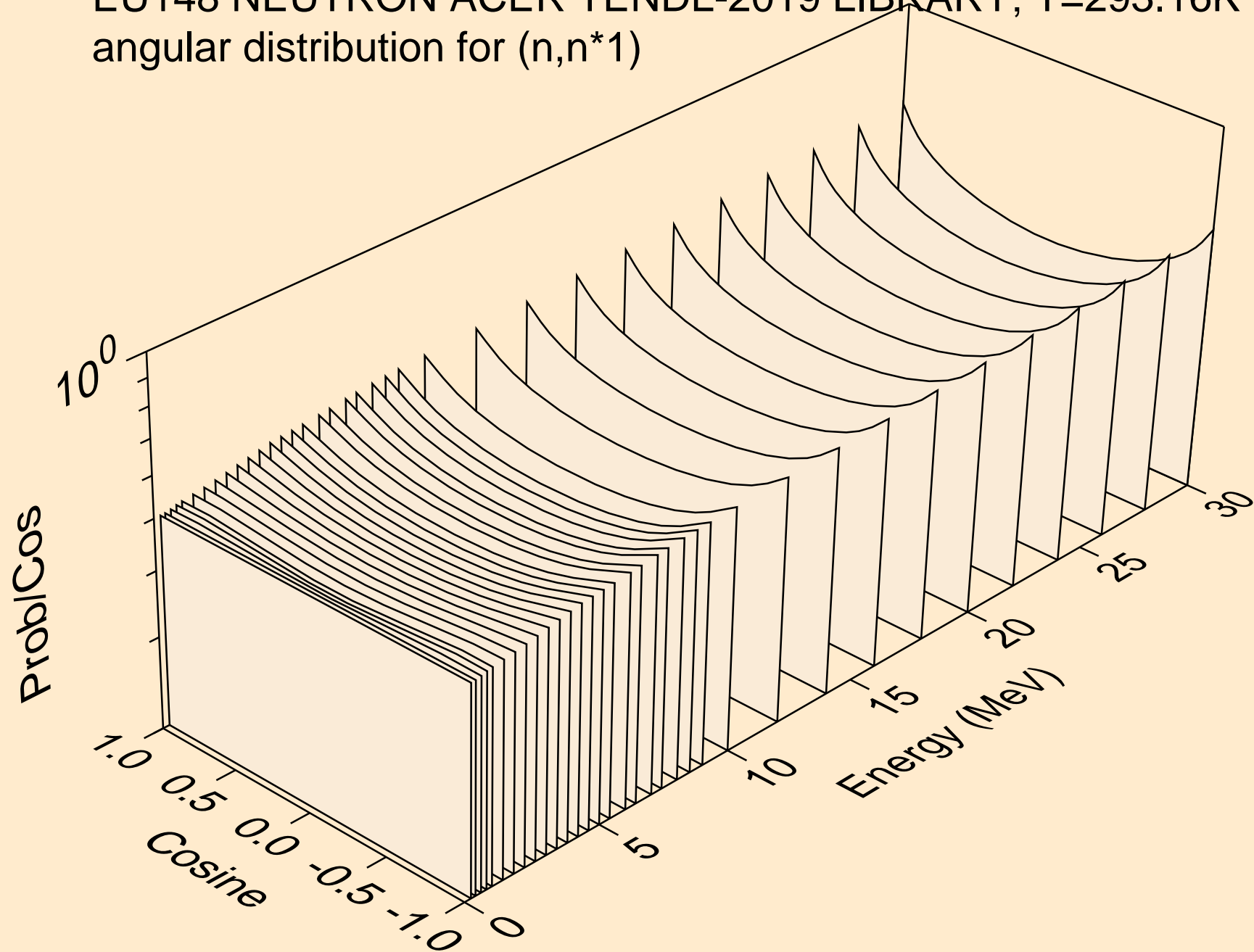
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



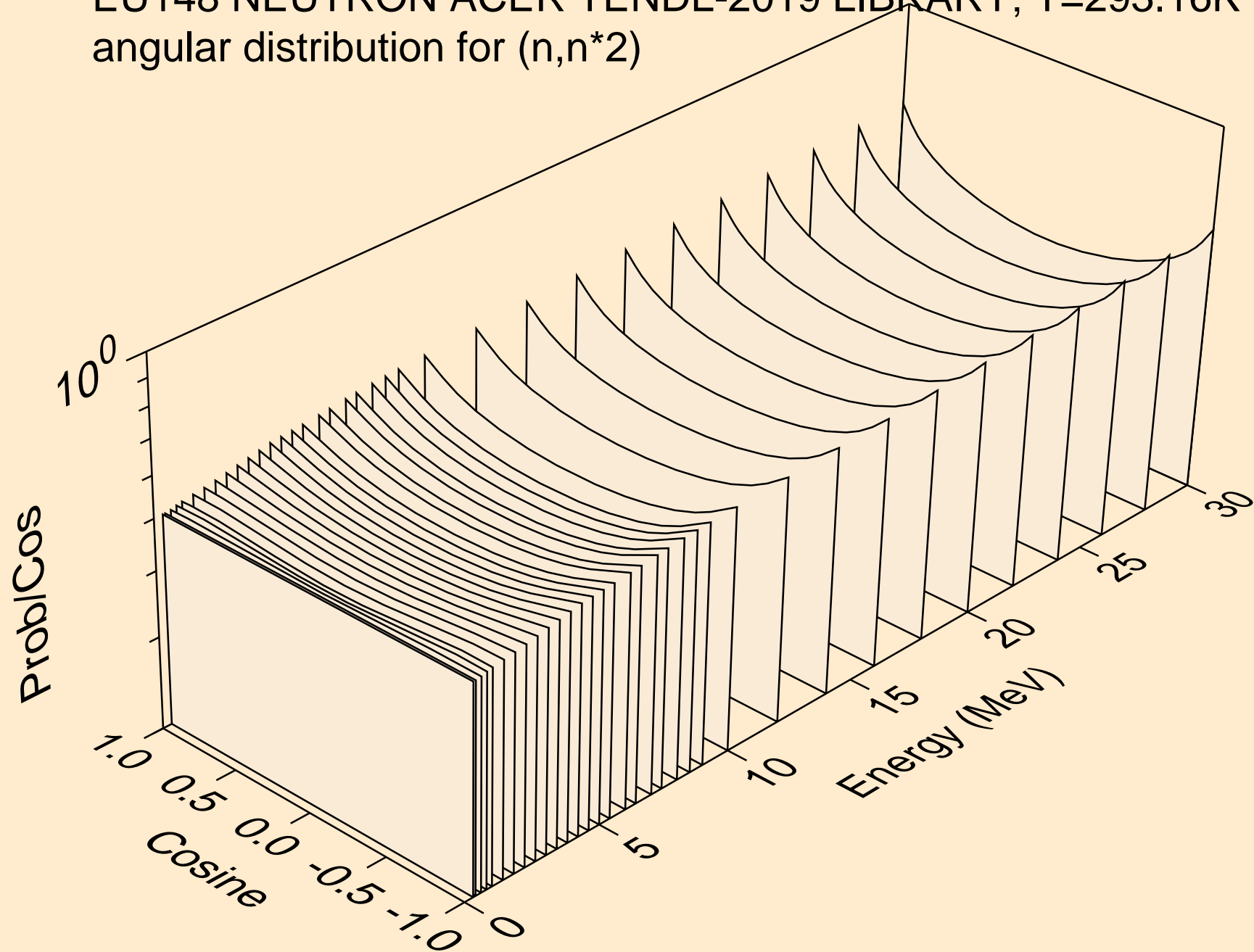
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



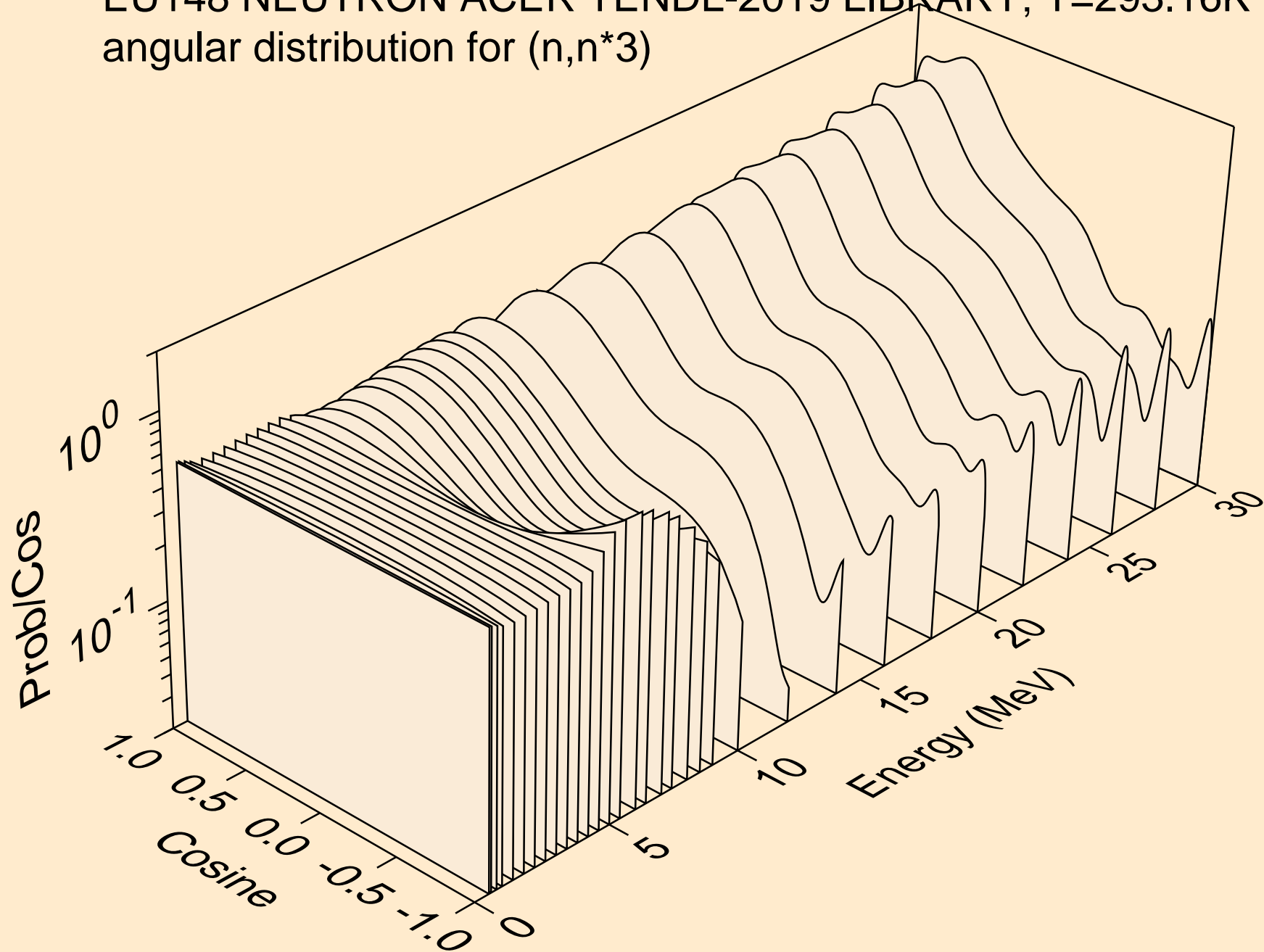
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



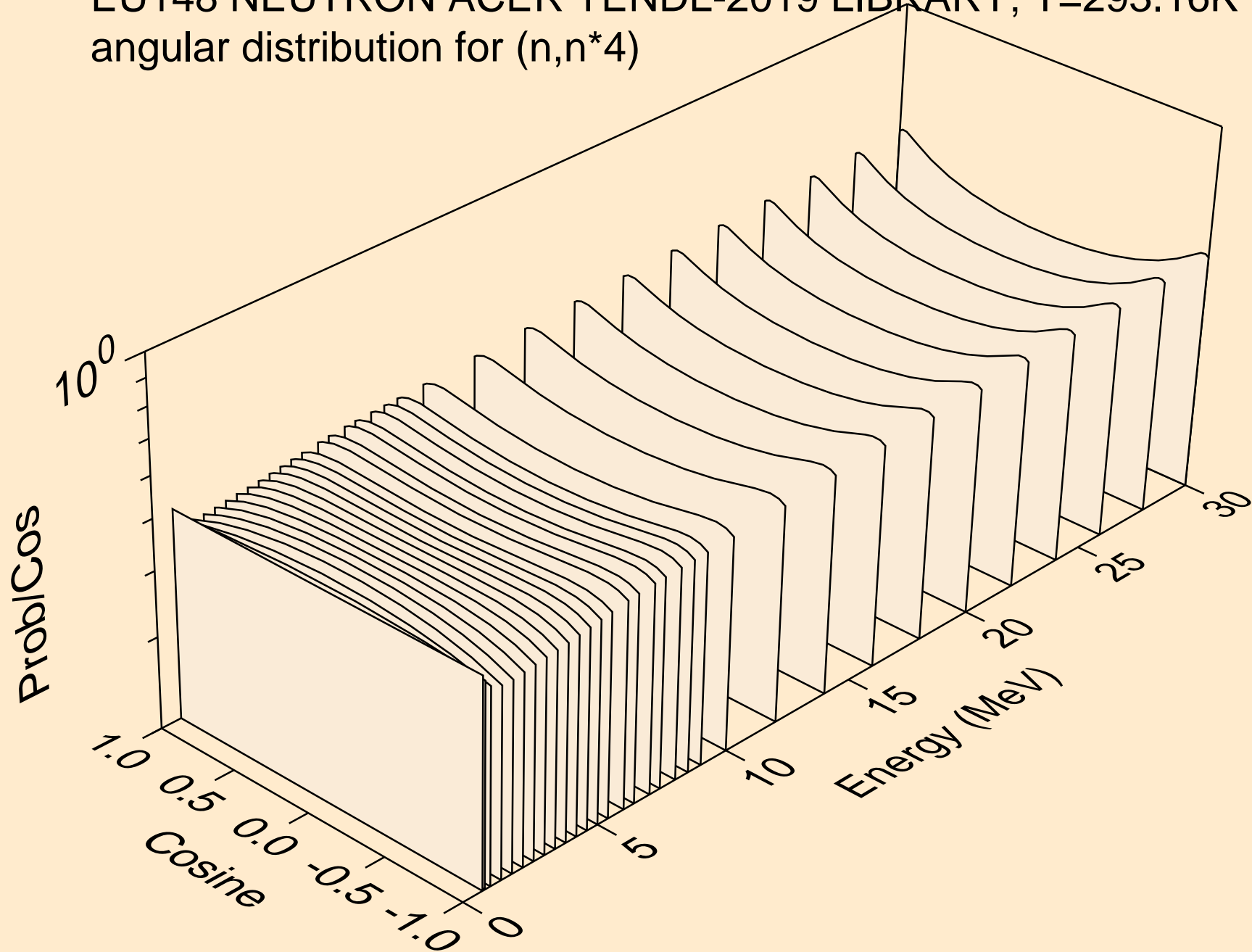
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*2)



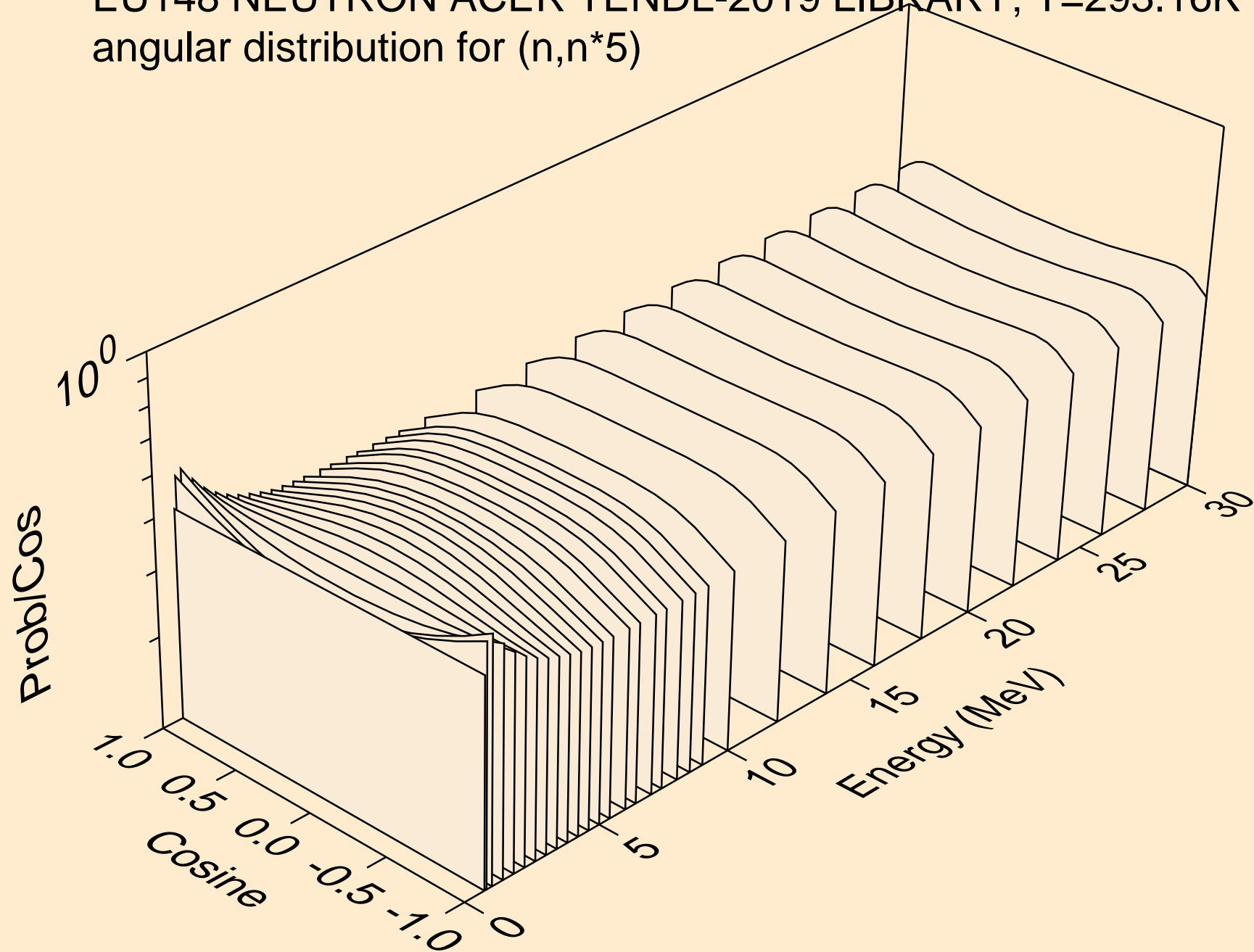
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*3)



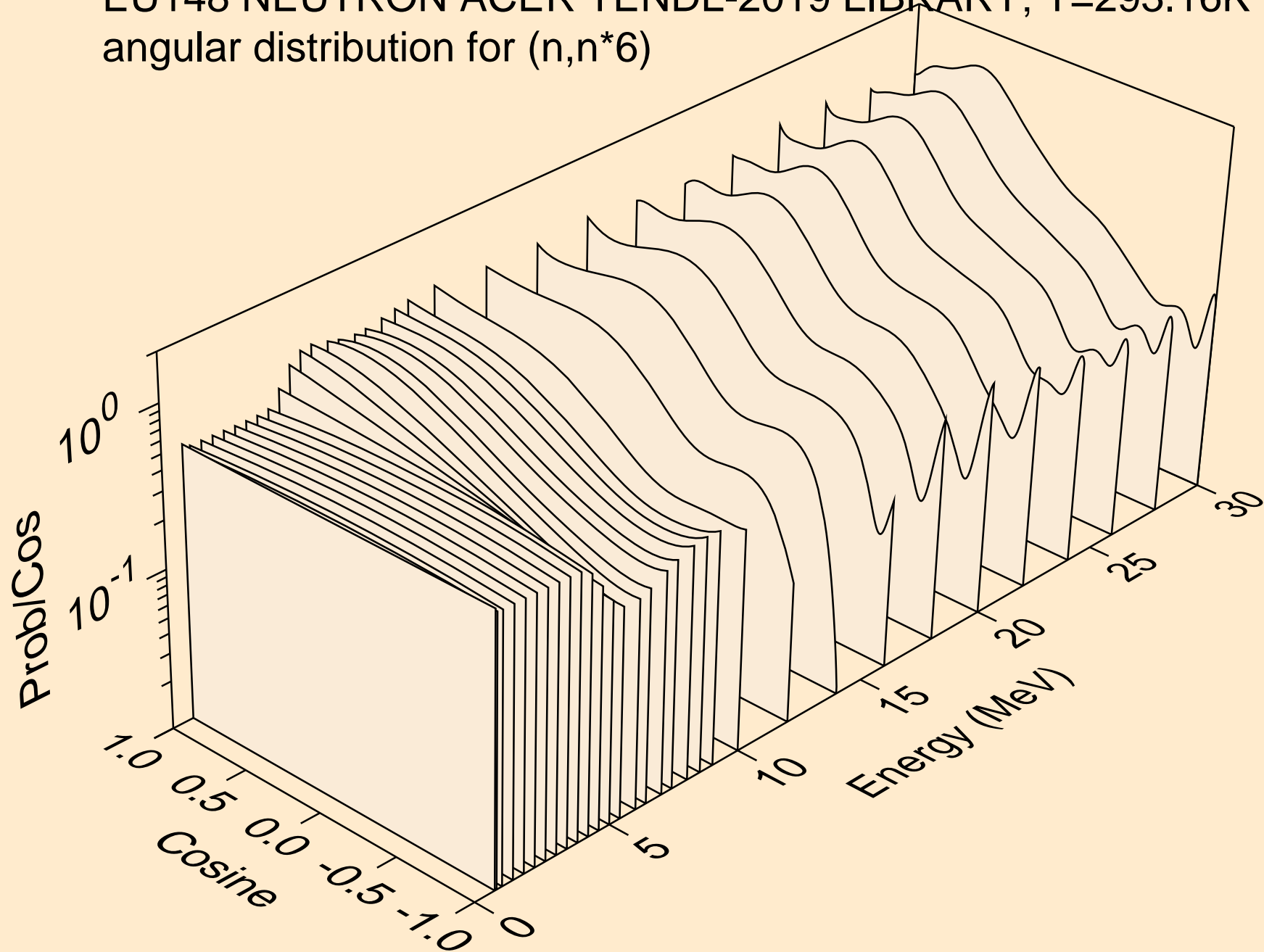
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*4)



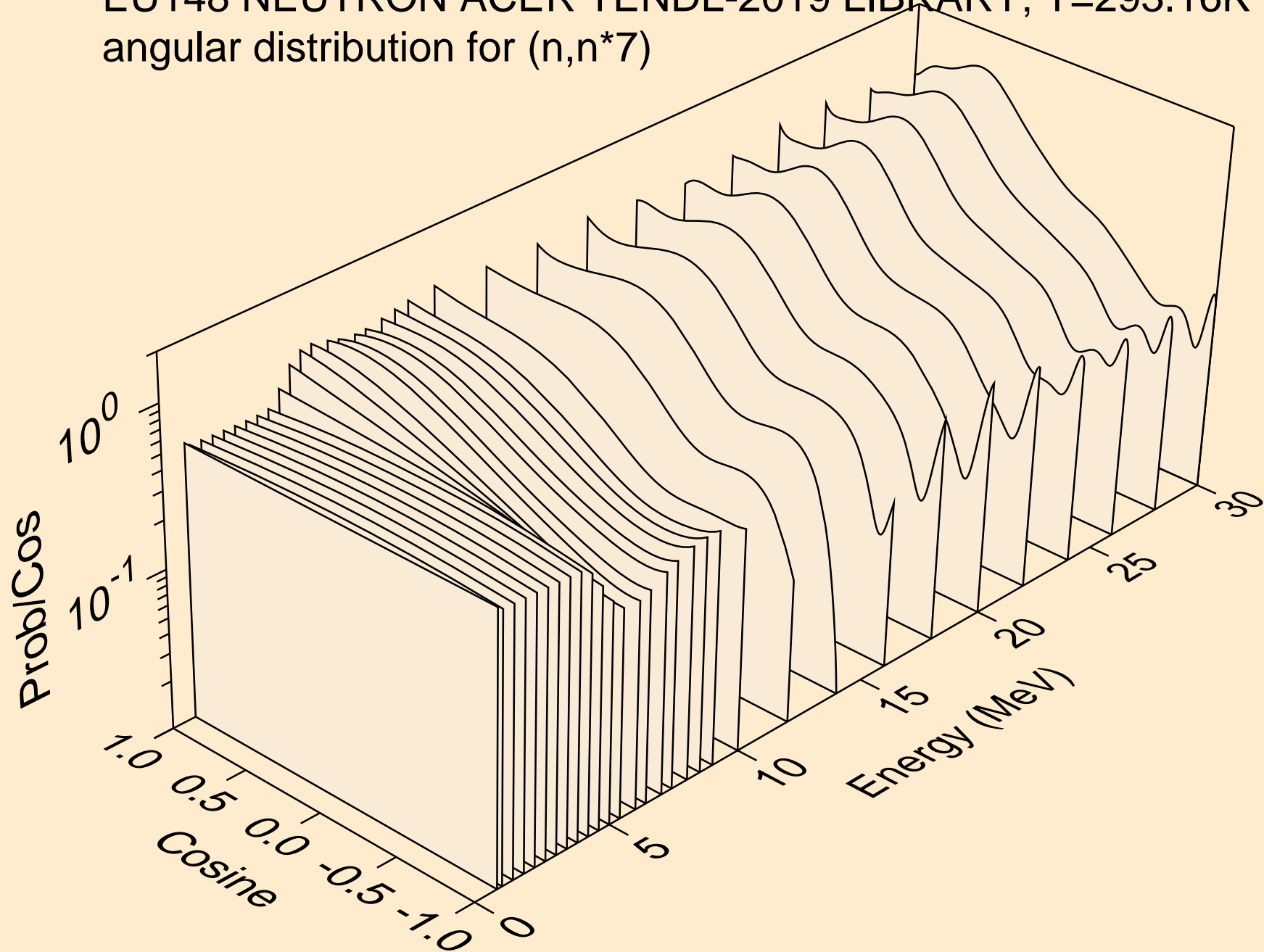
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*5)



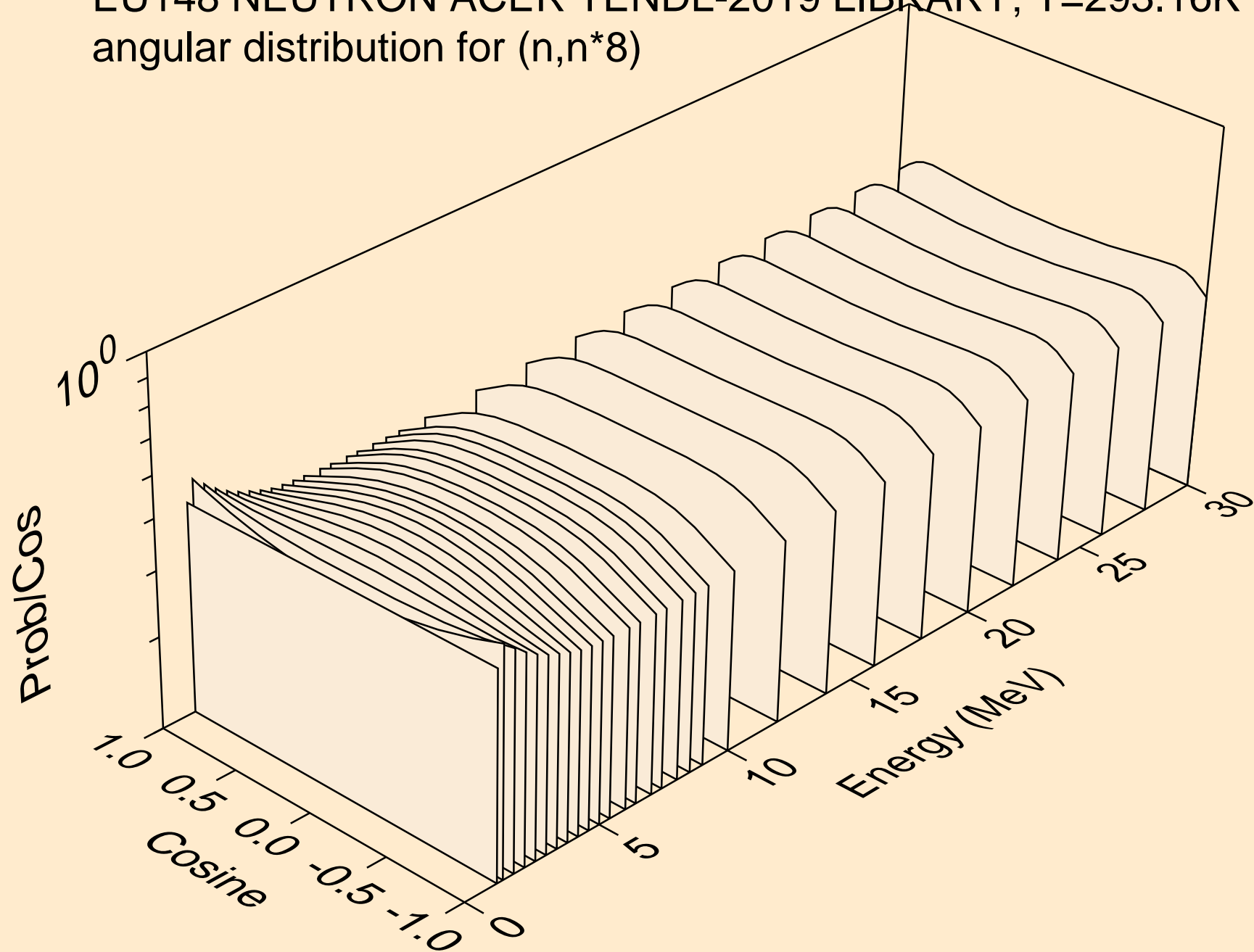
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*6)



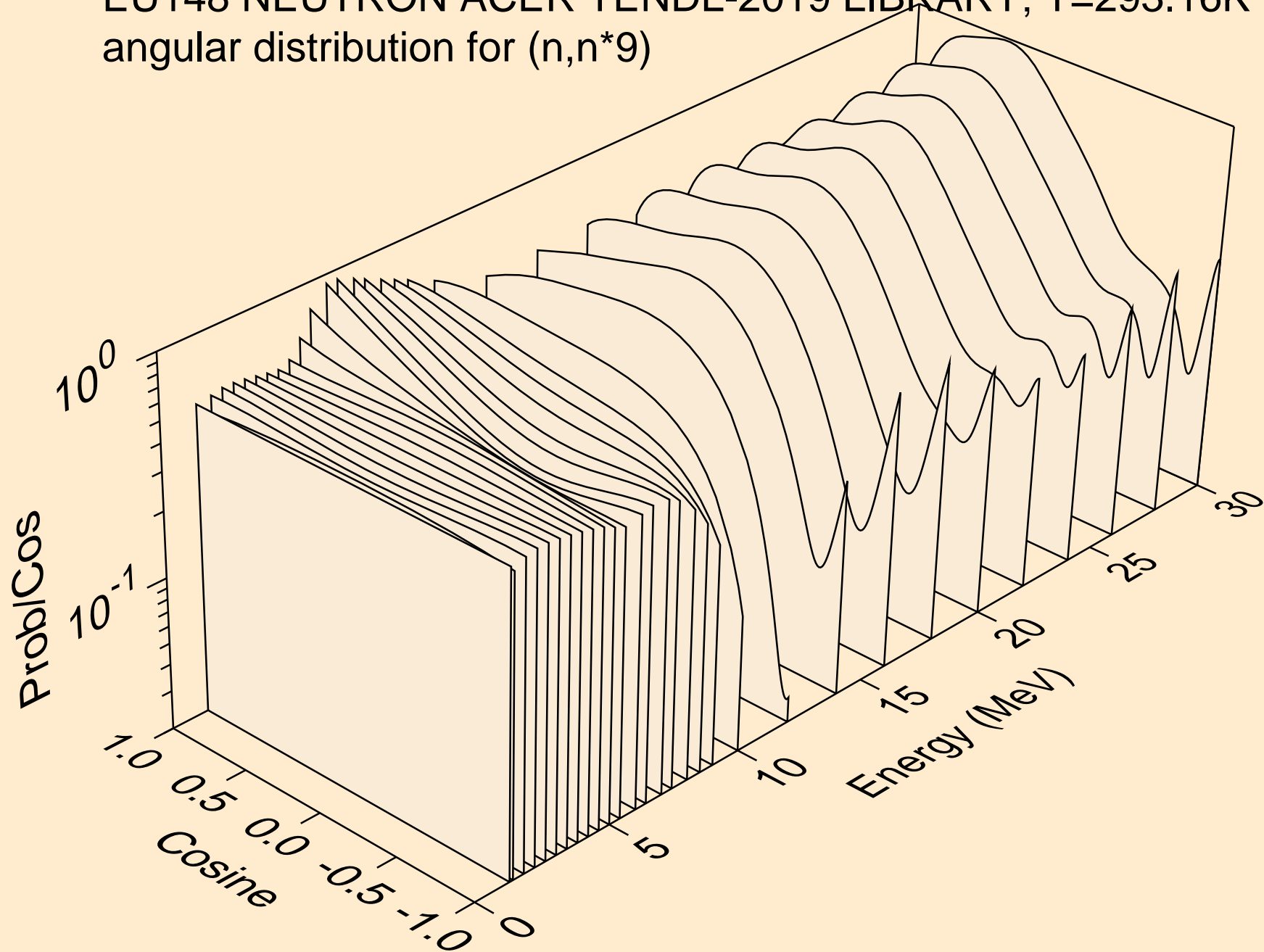
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*7)



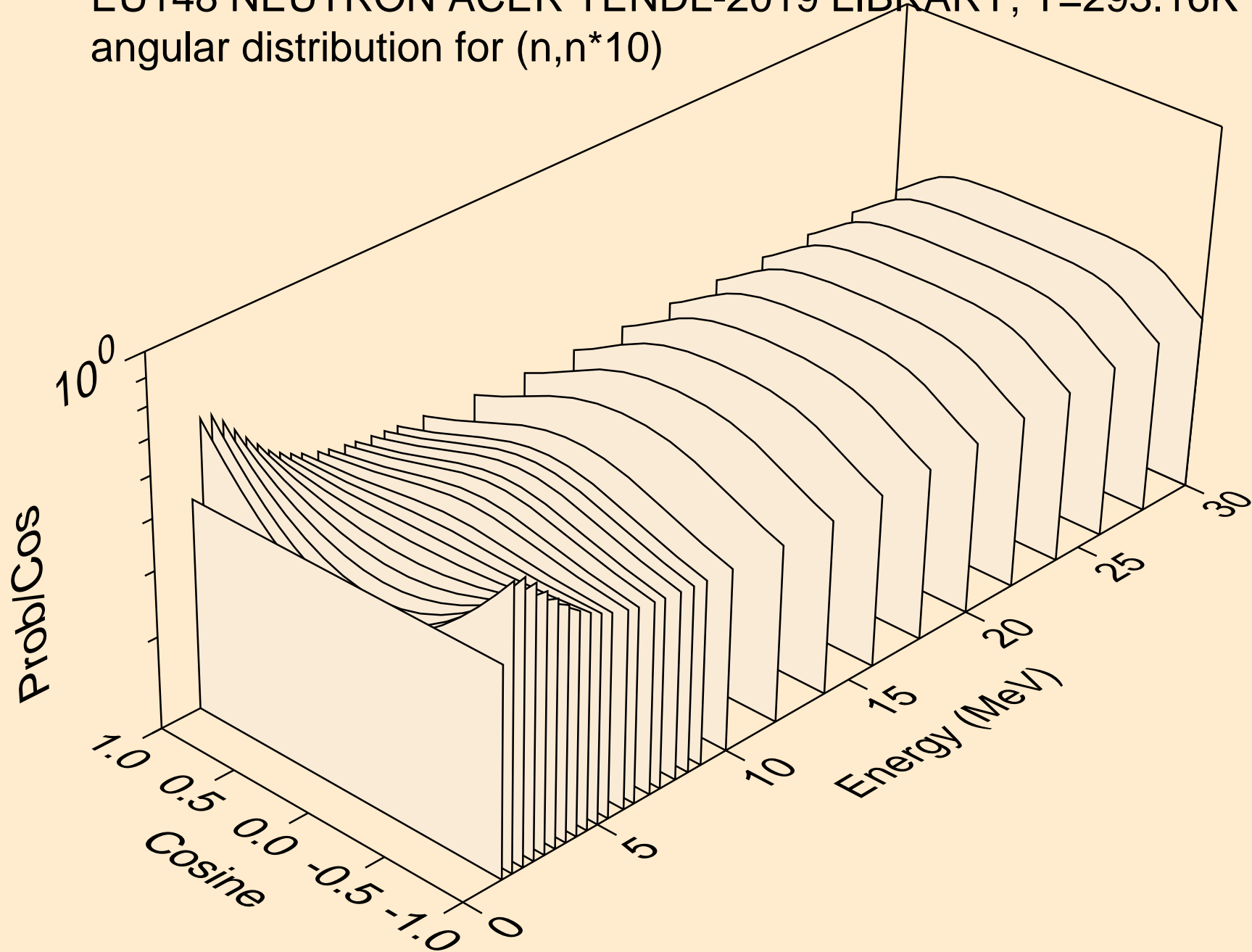
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*8)



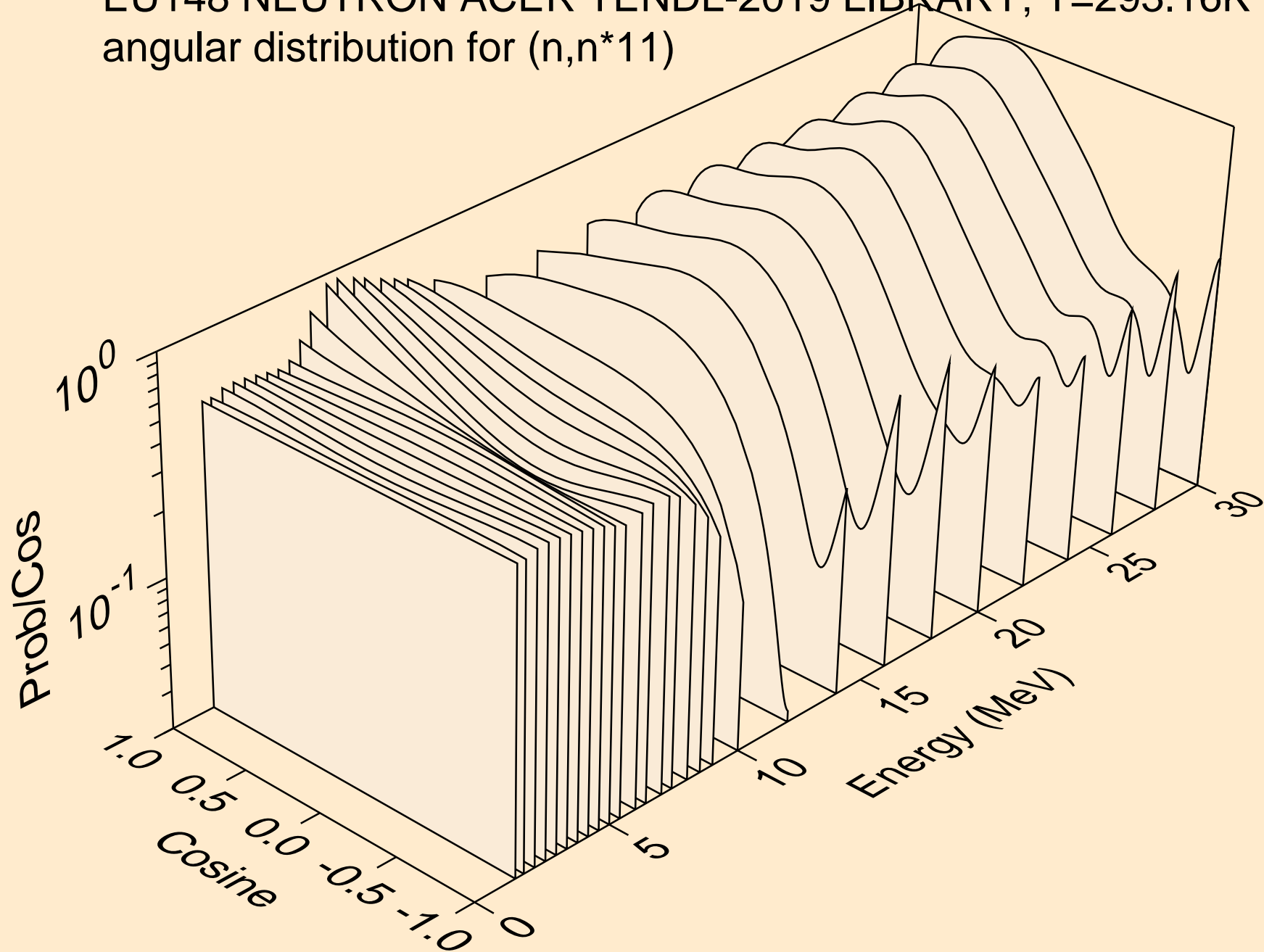
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*9)



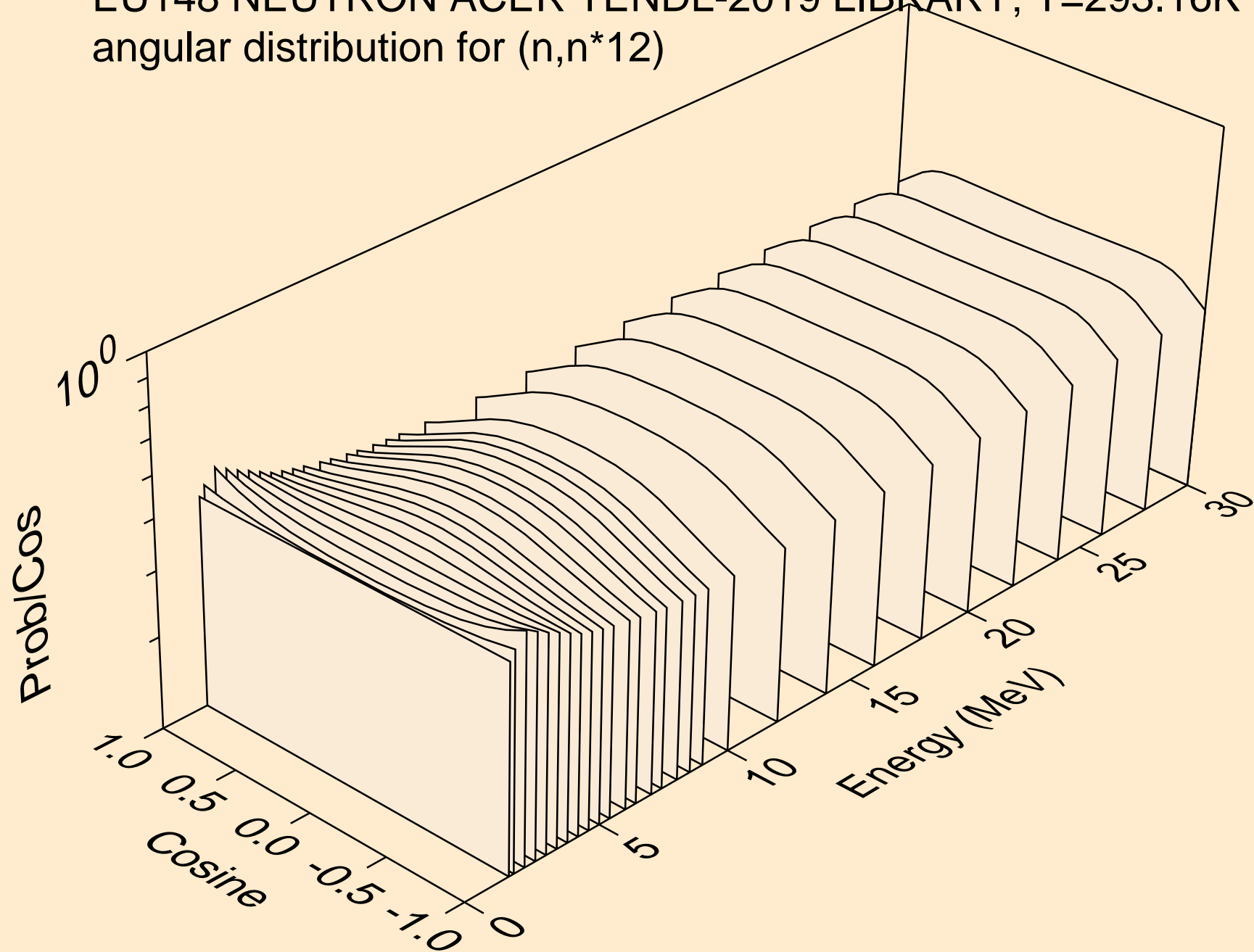
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*10)



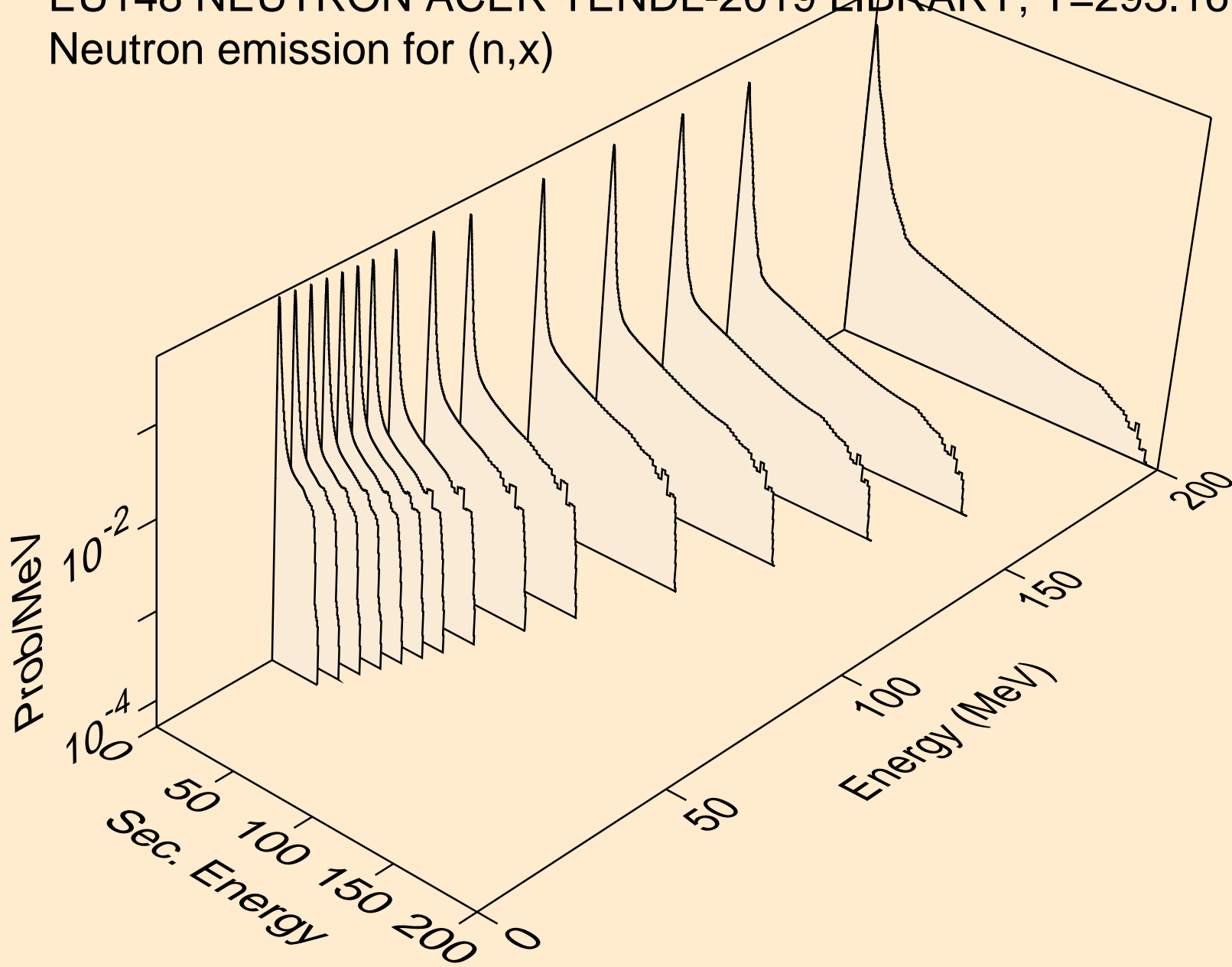
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*11)



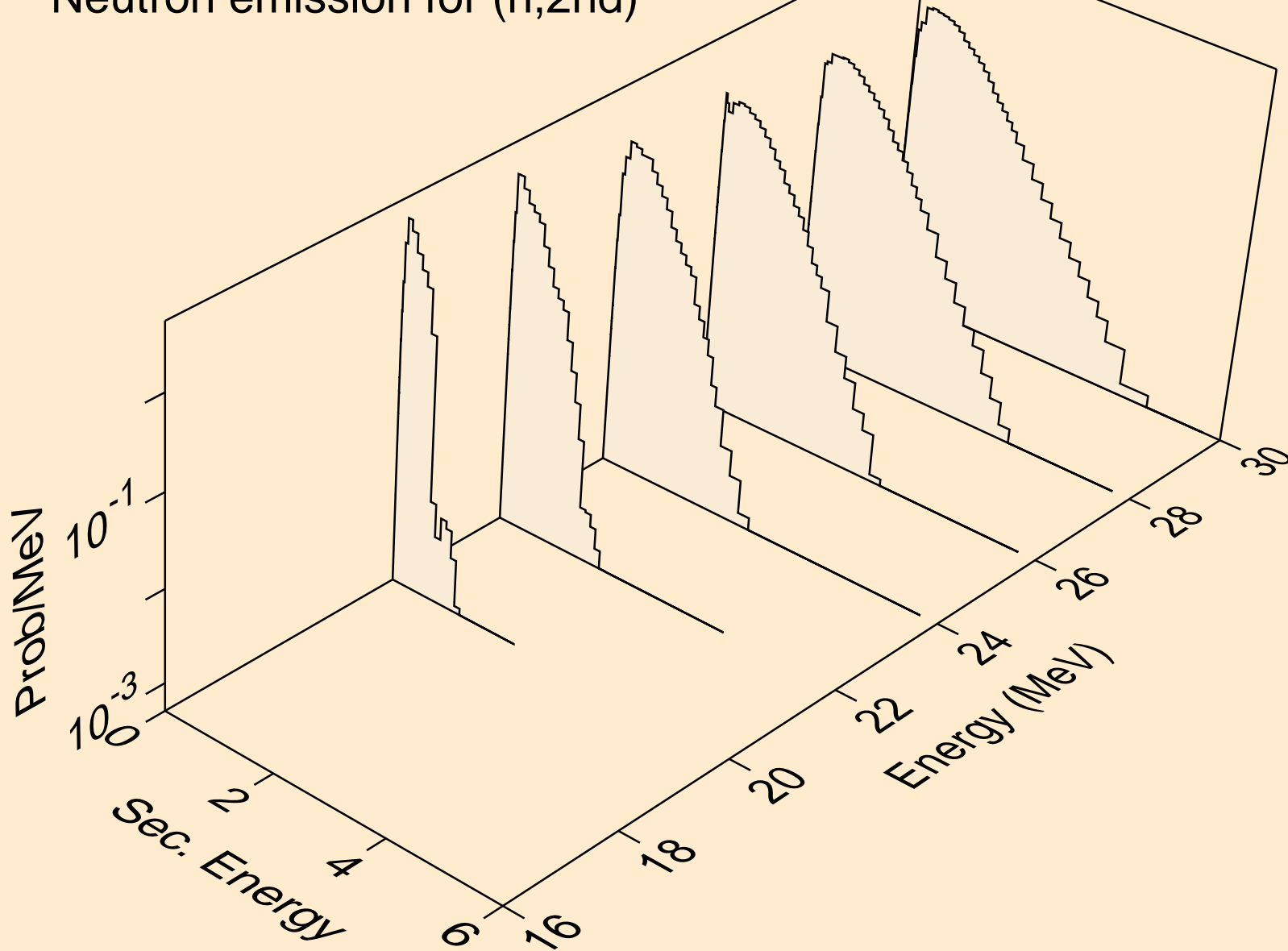
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*12)



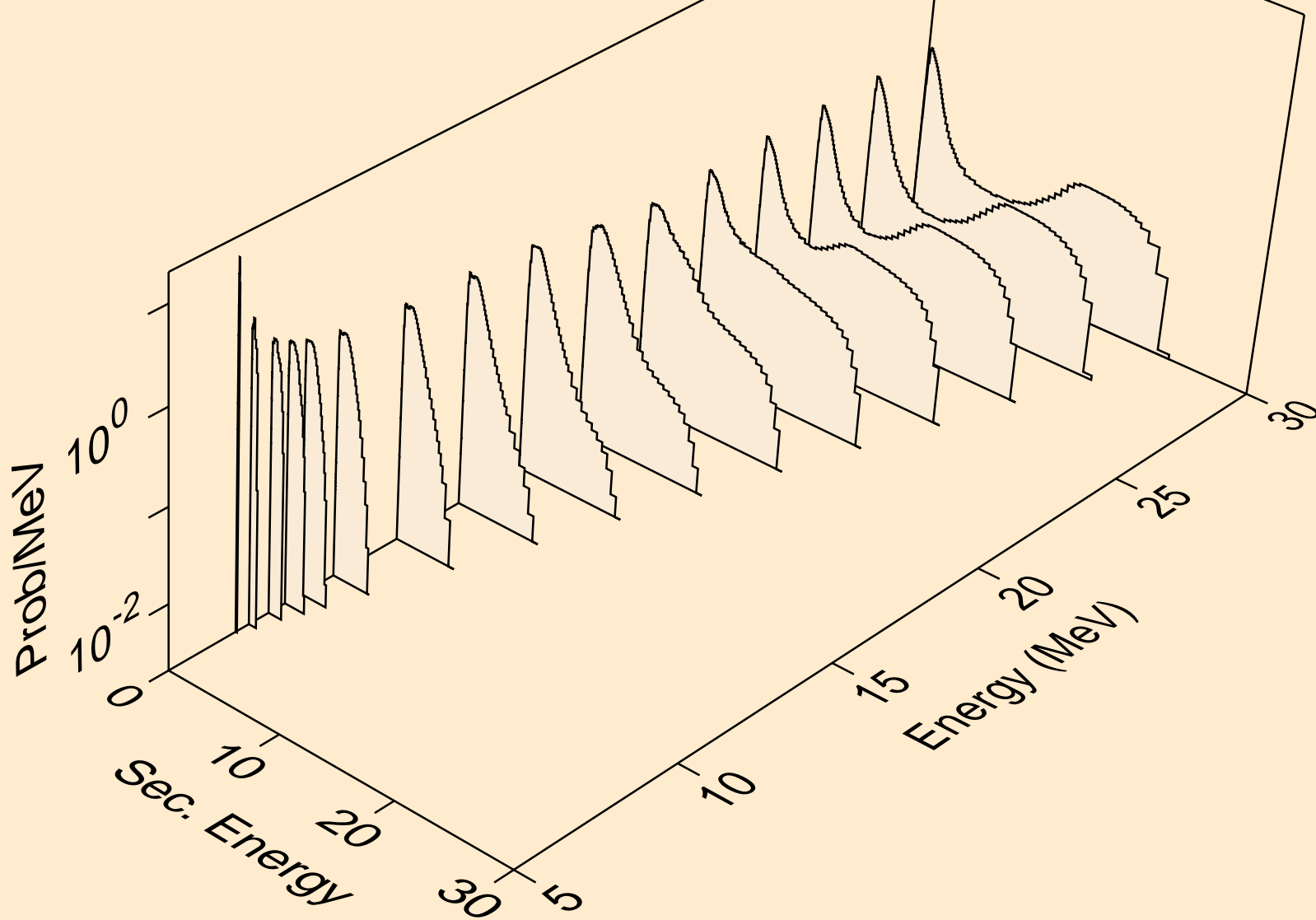
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



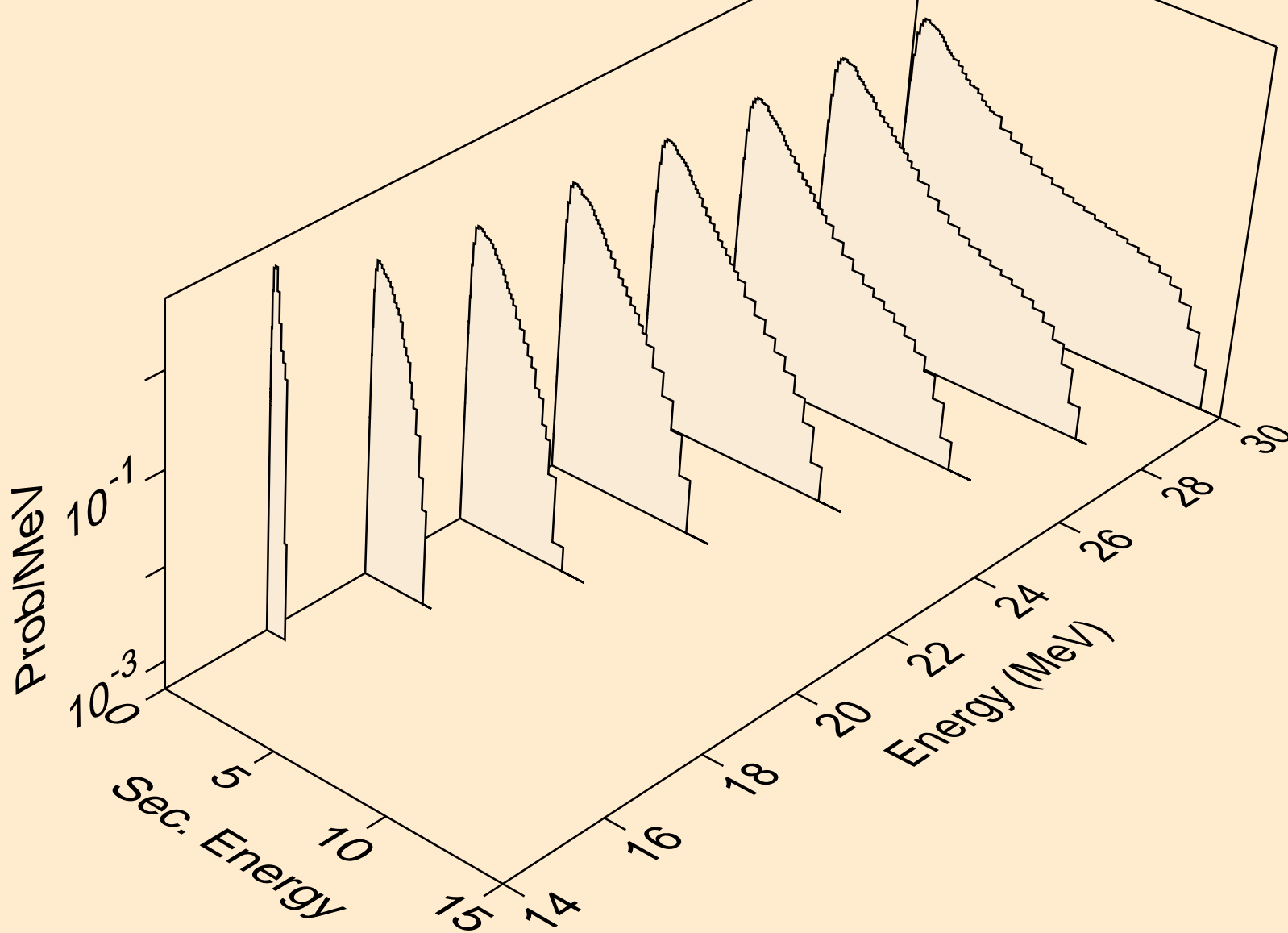
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2nd)



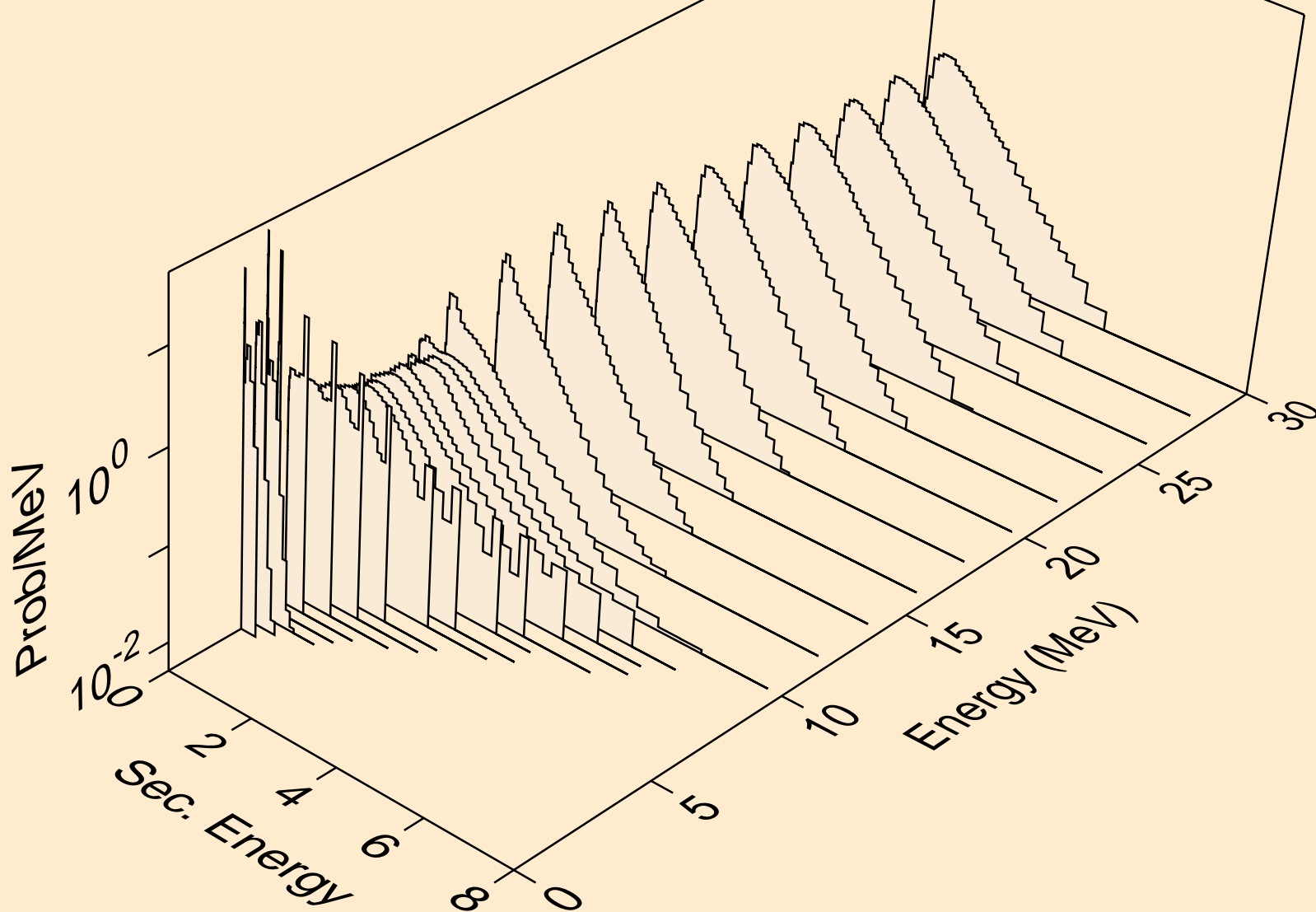
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



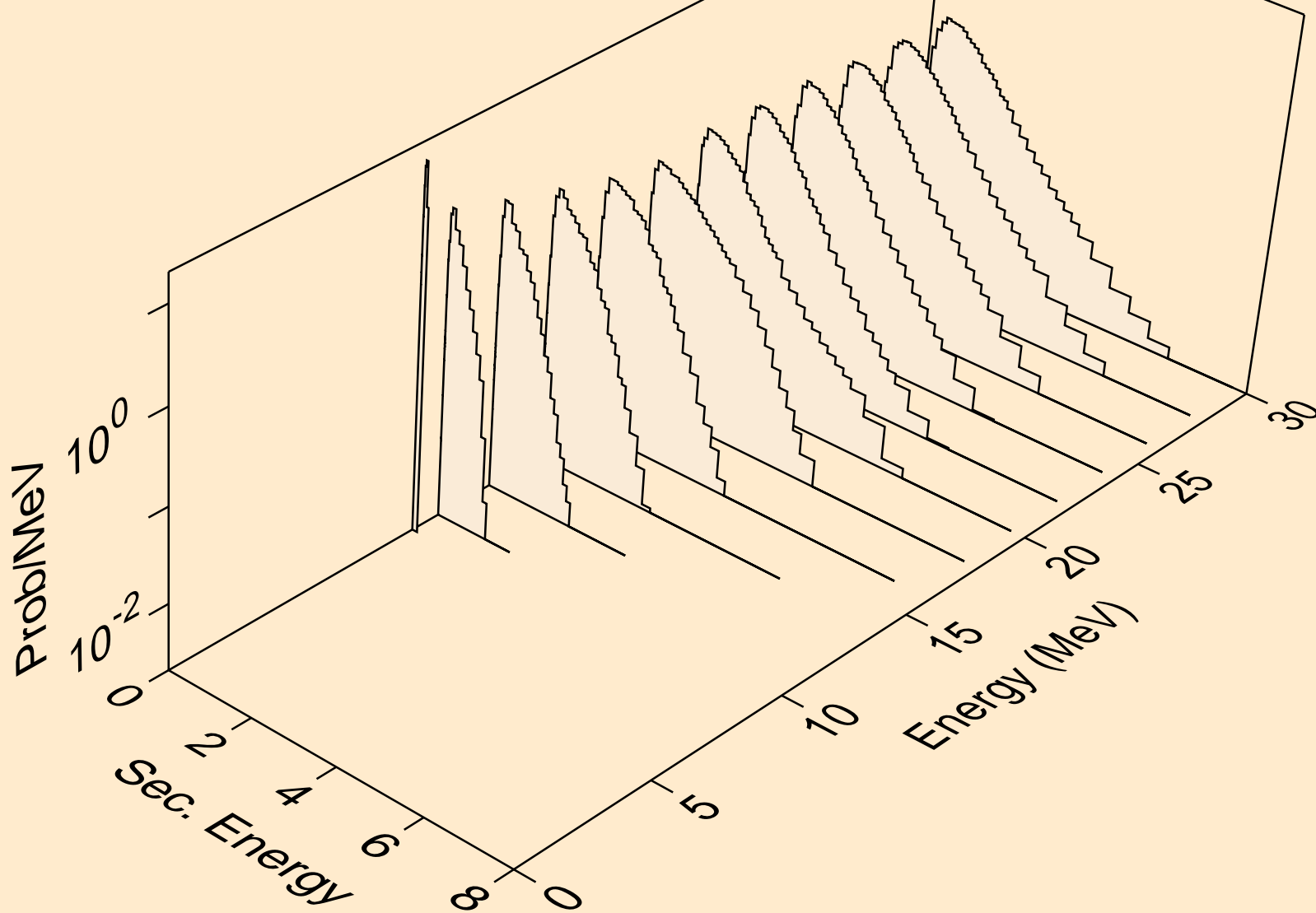
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



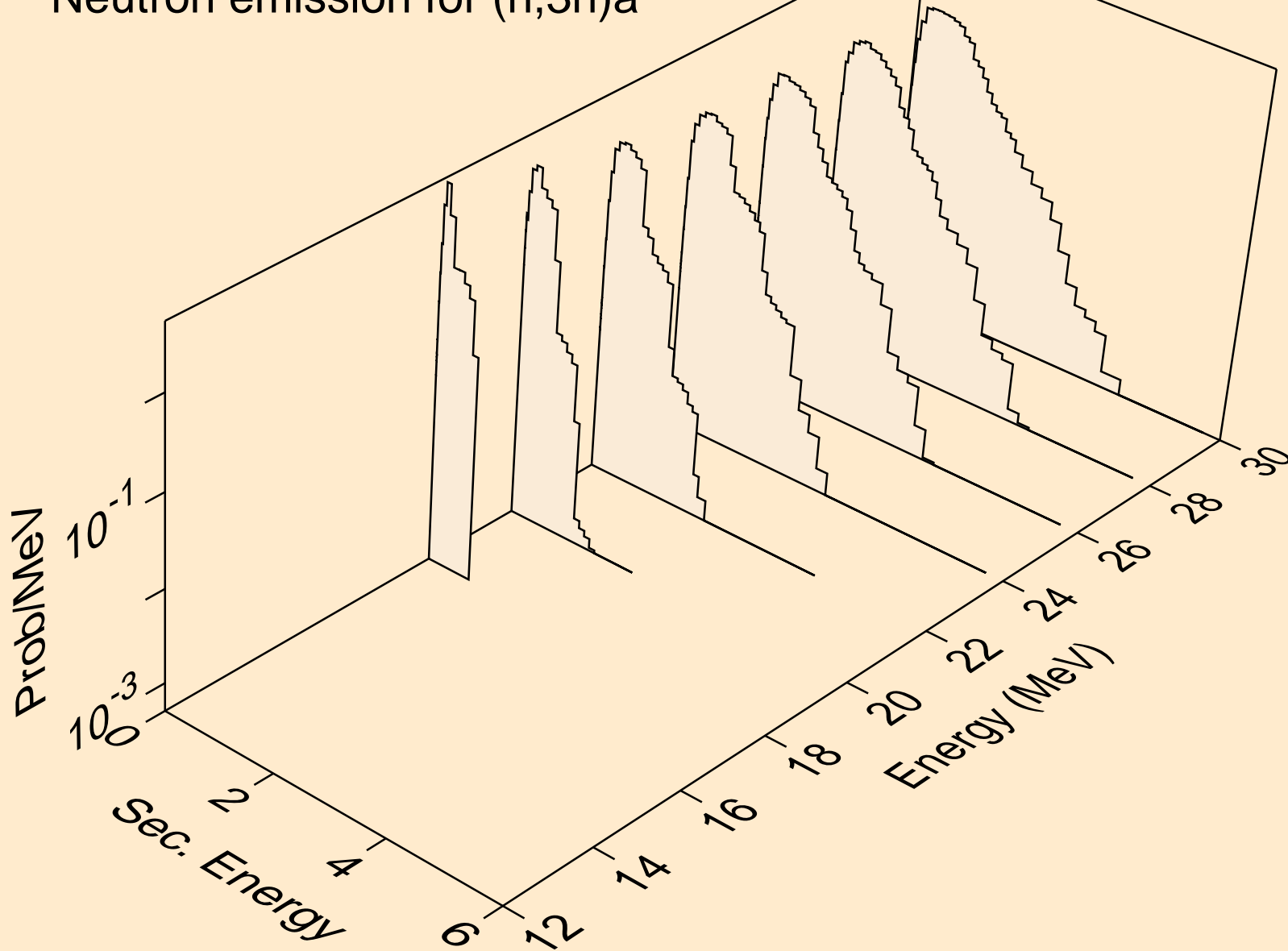
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



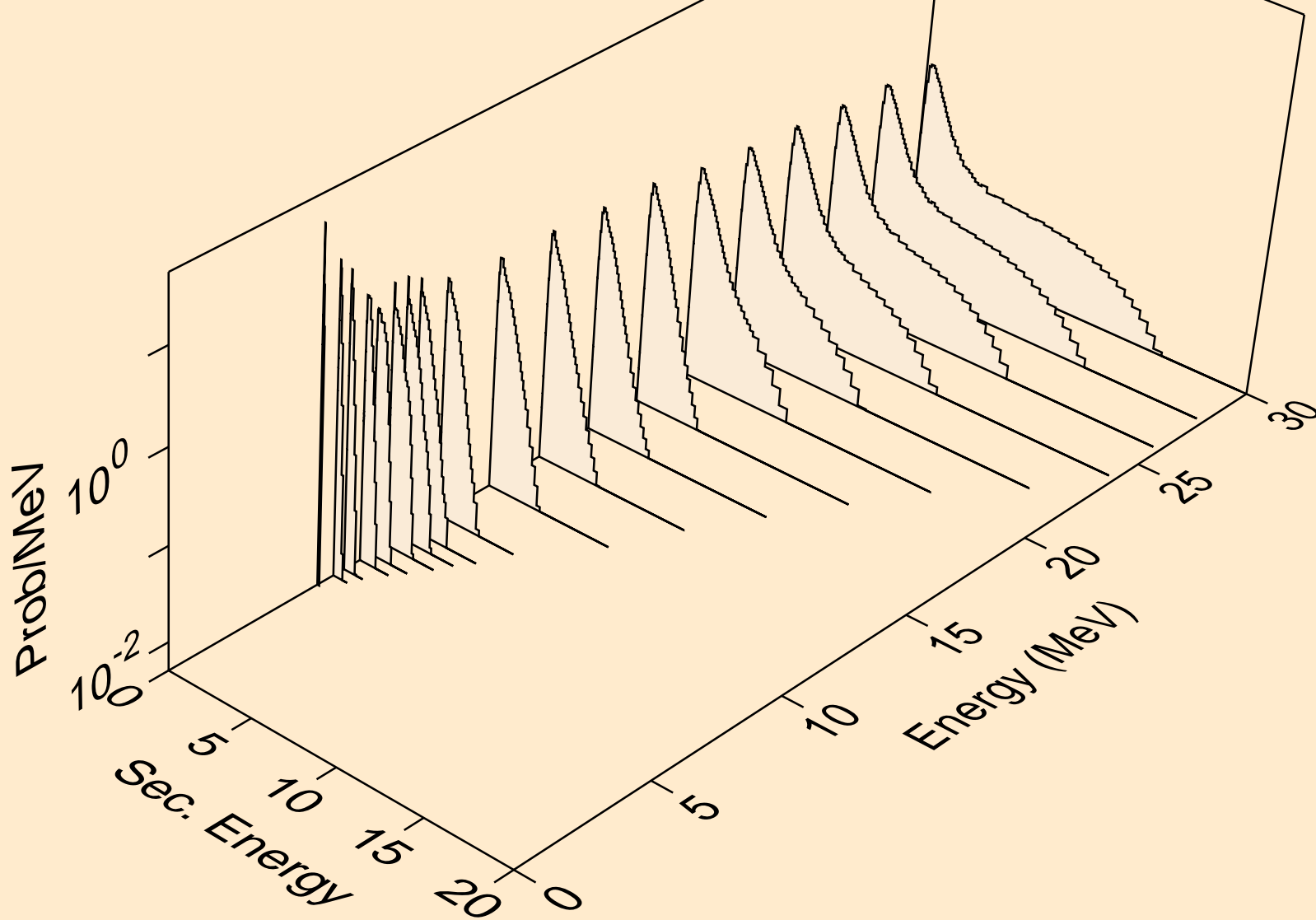
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)a



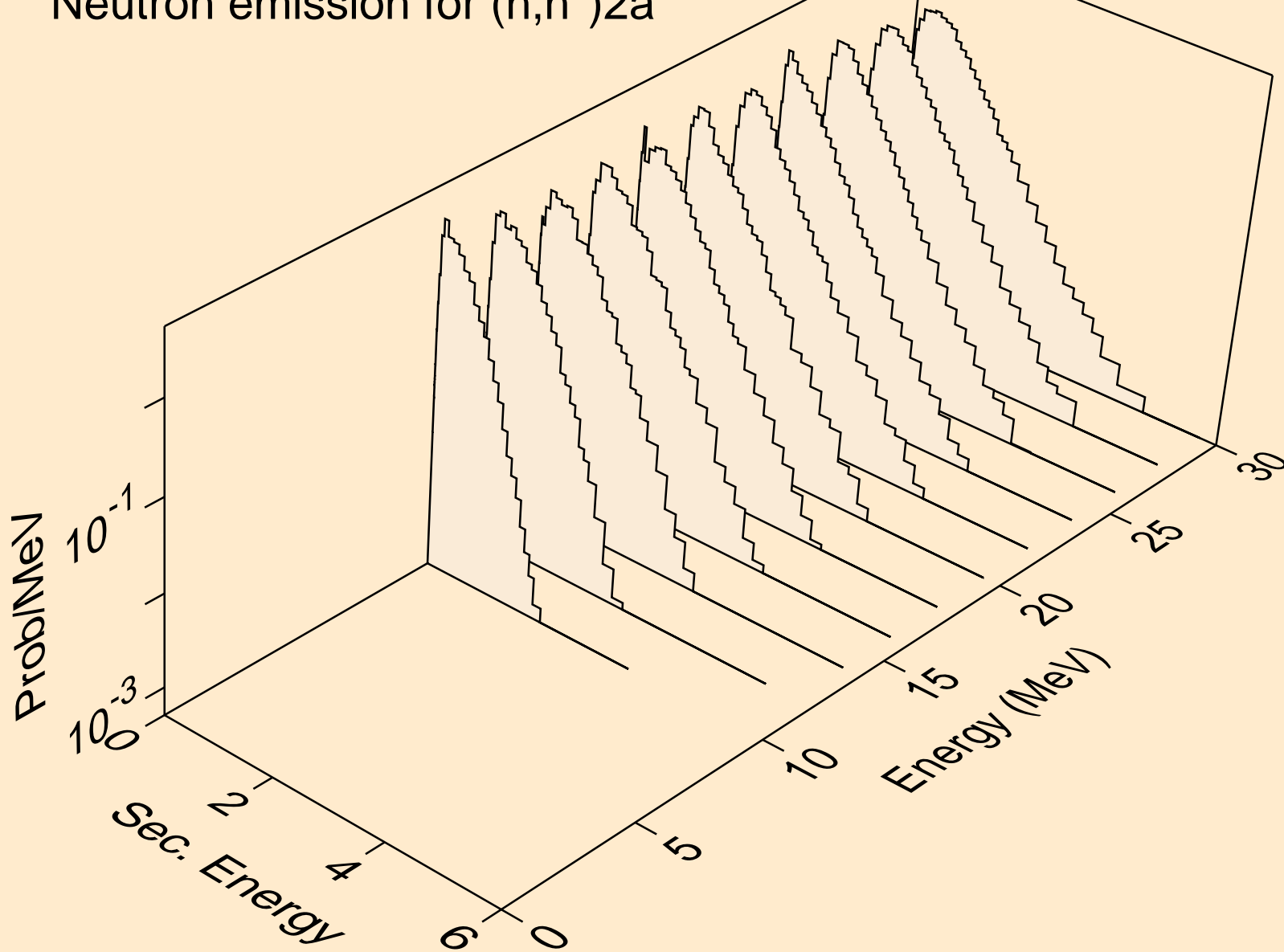
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)a



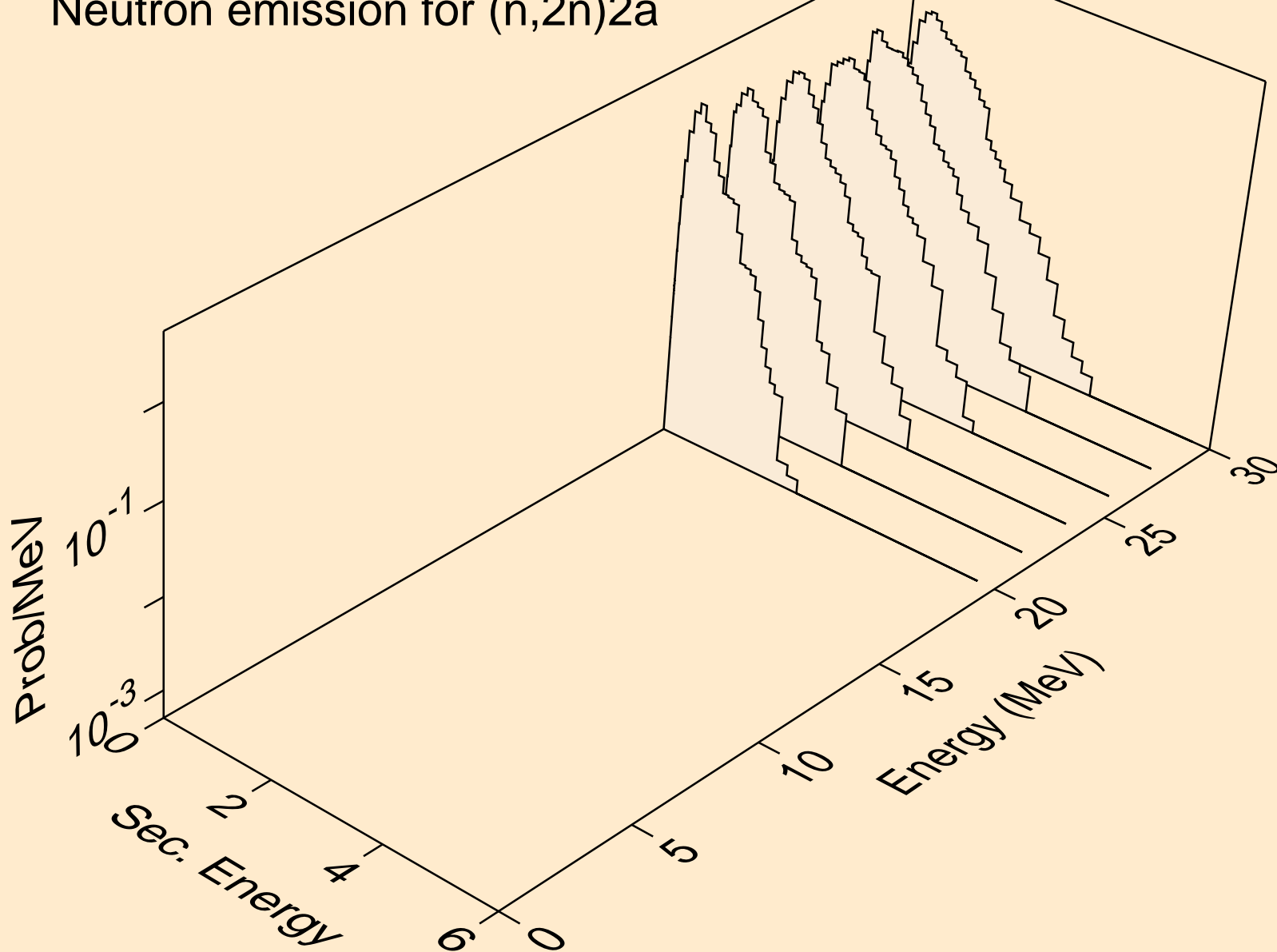
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



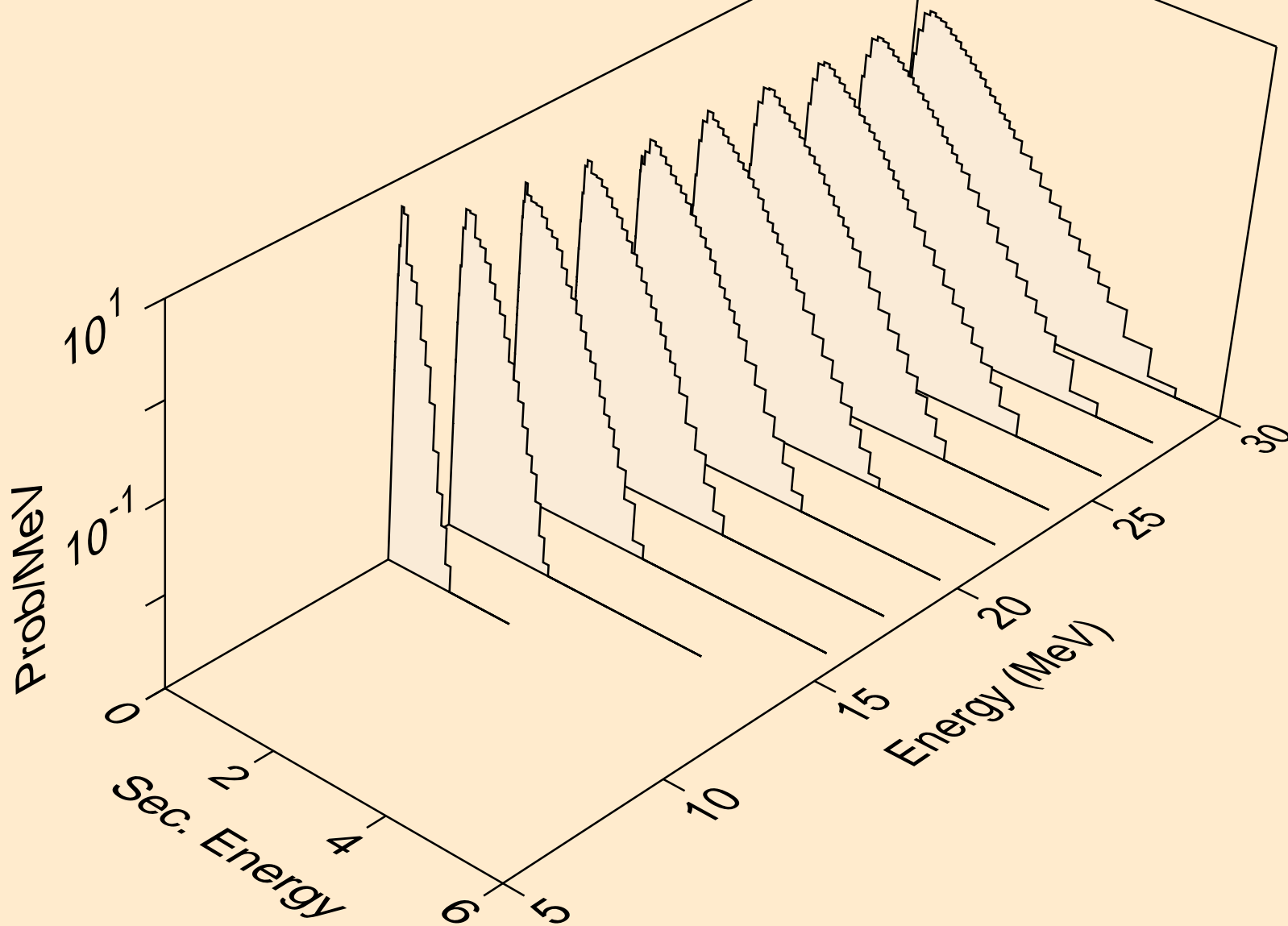
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



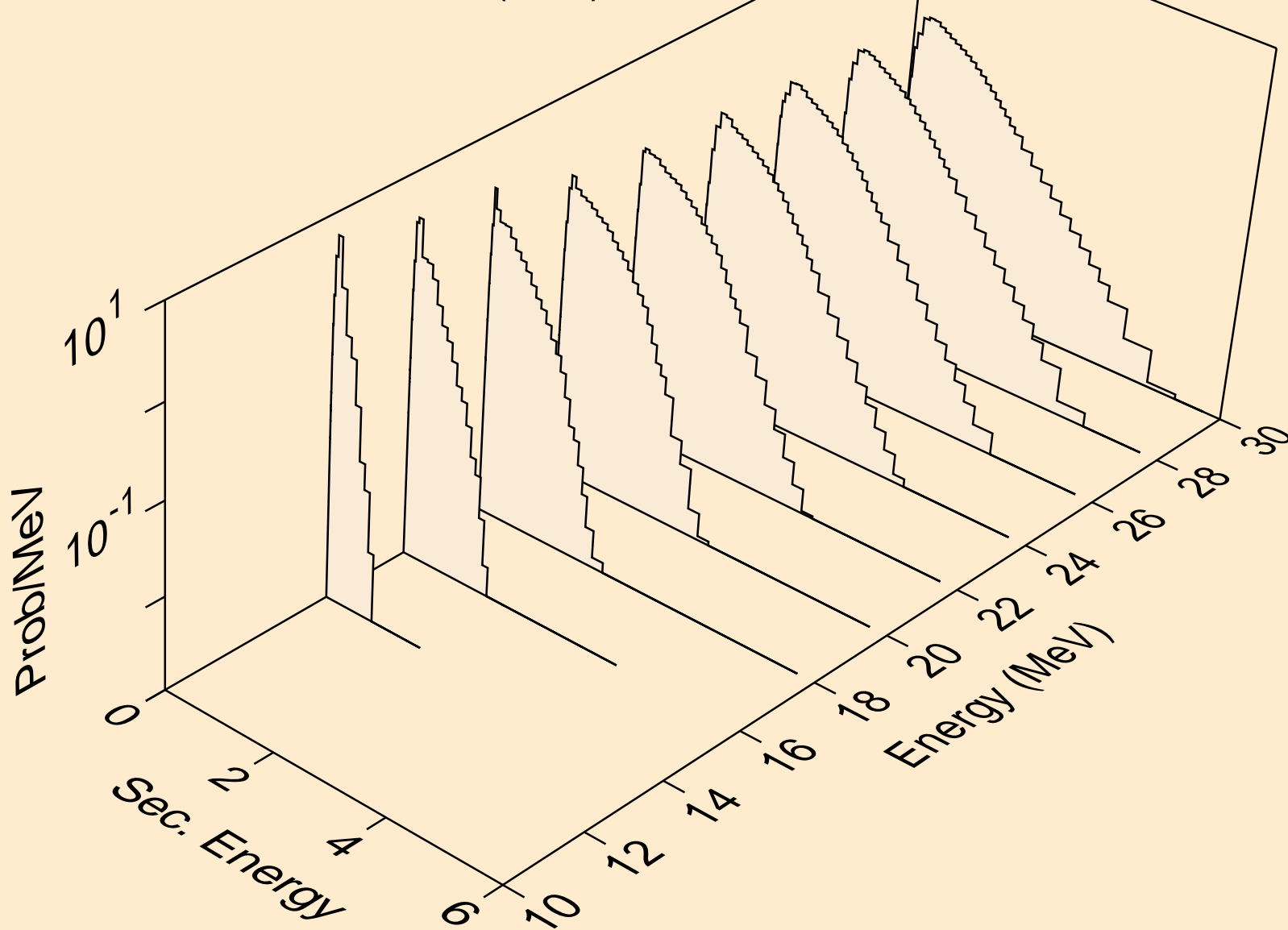
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)2a



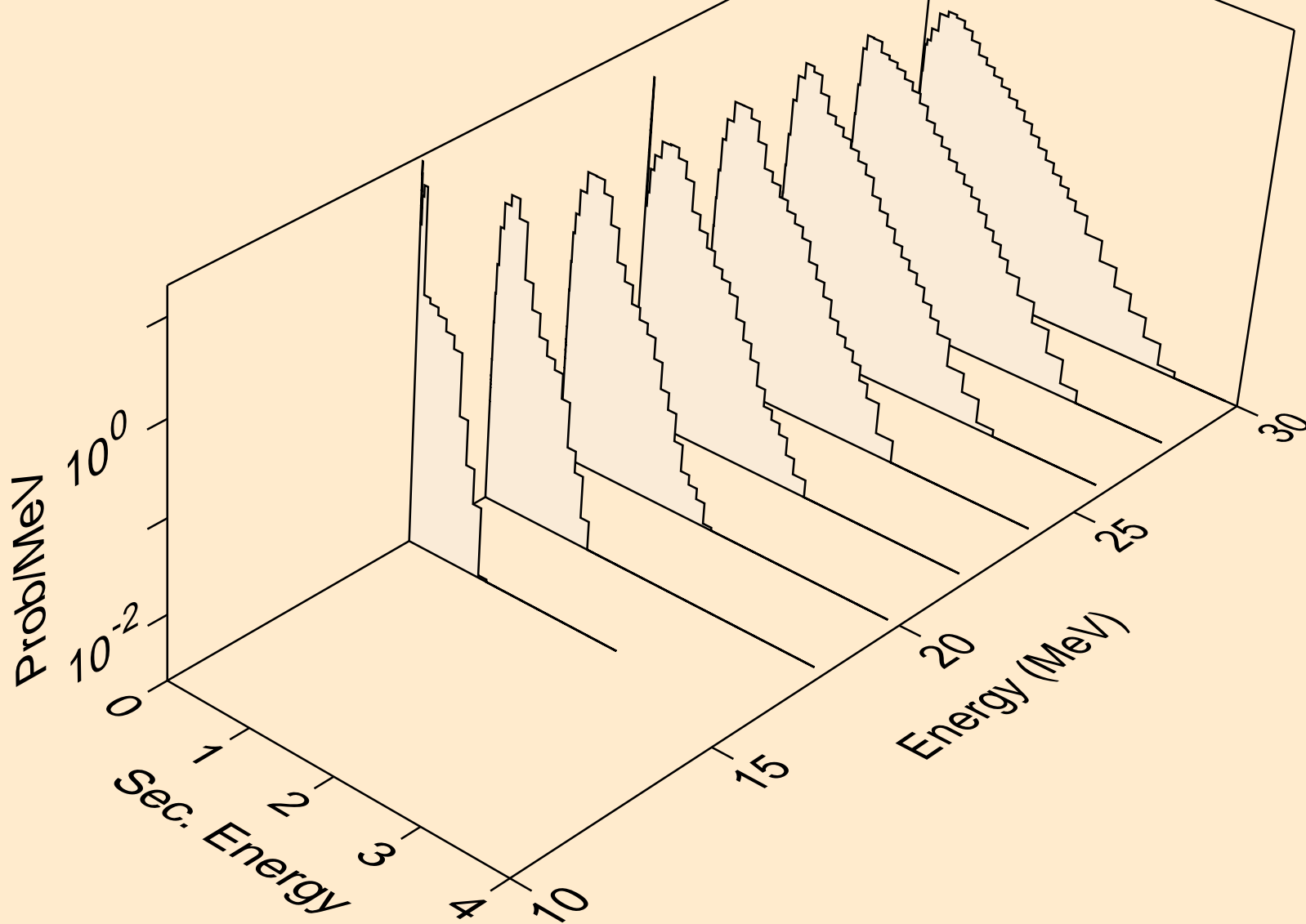
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



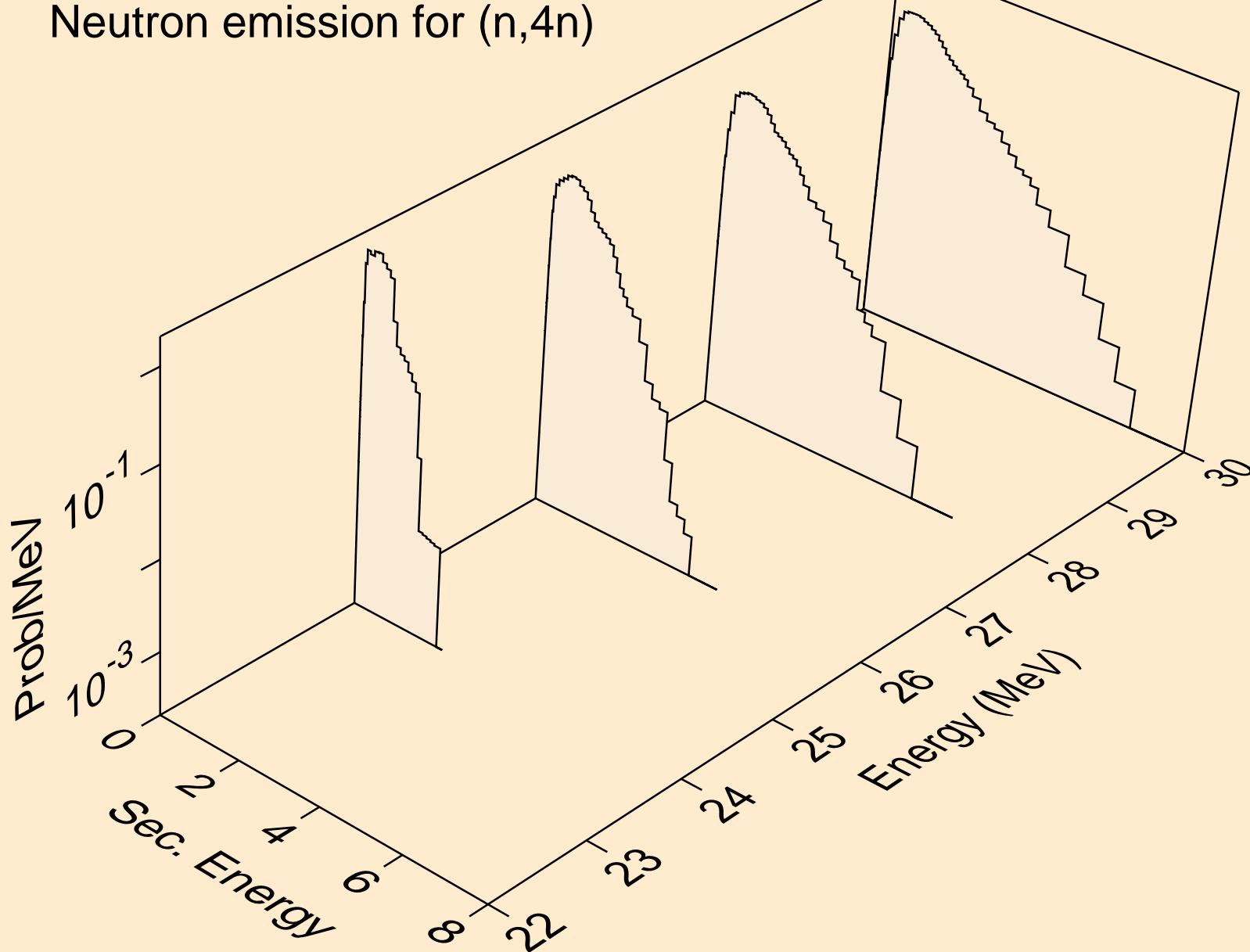
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



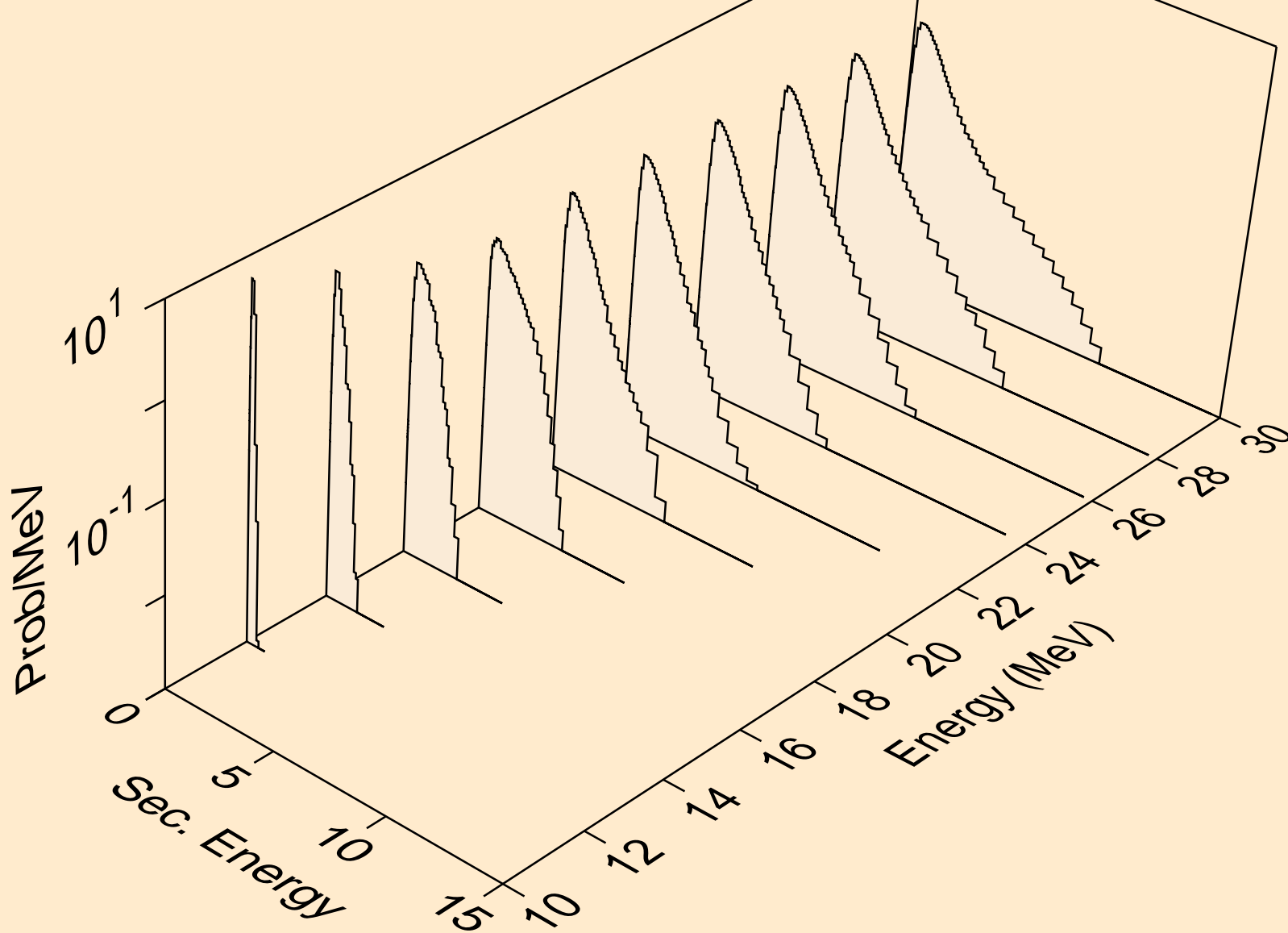
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



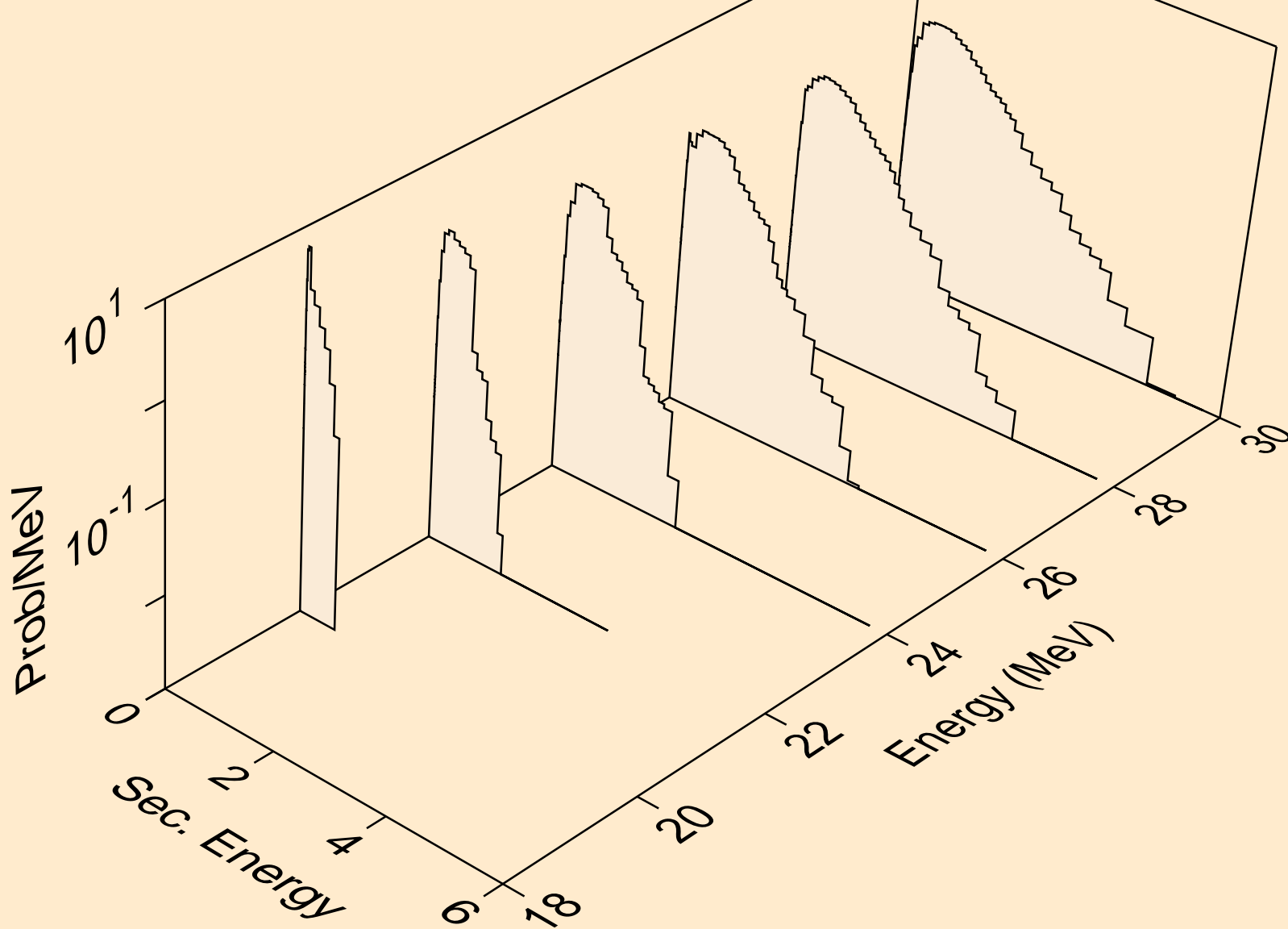
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,4n)



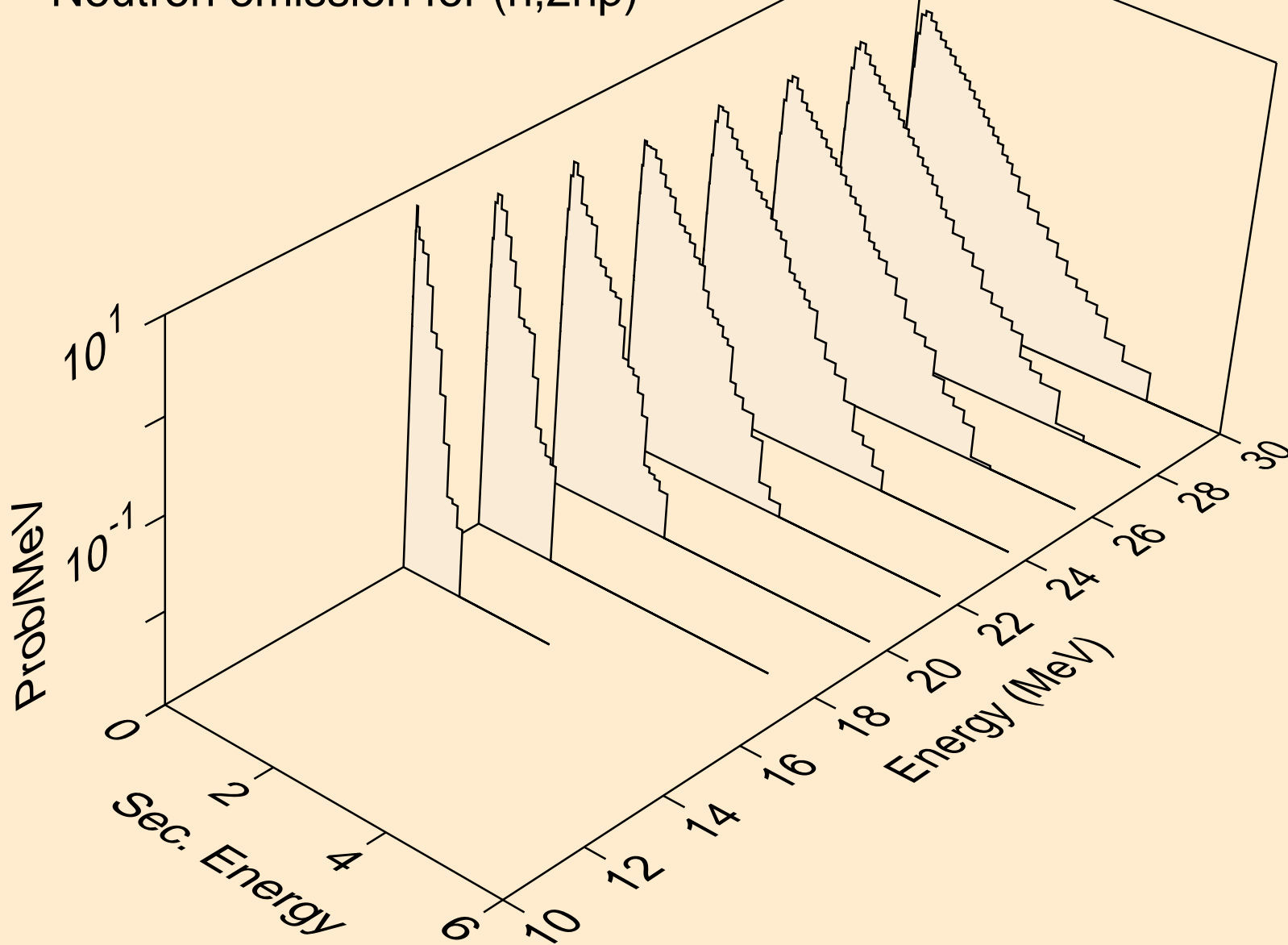
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



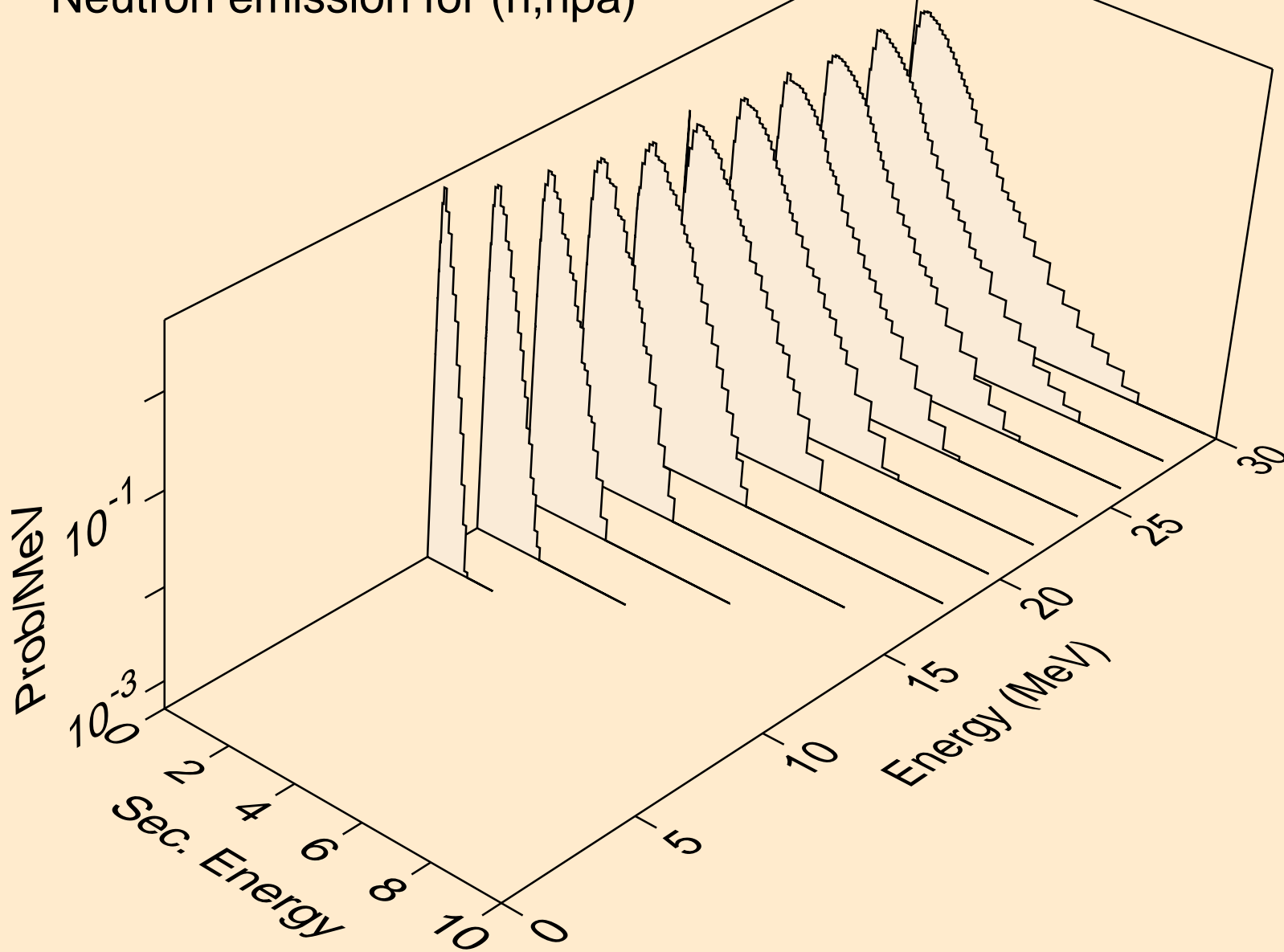
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



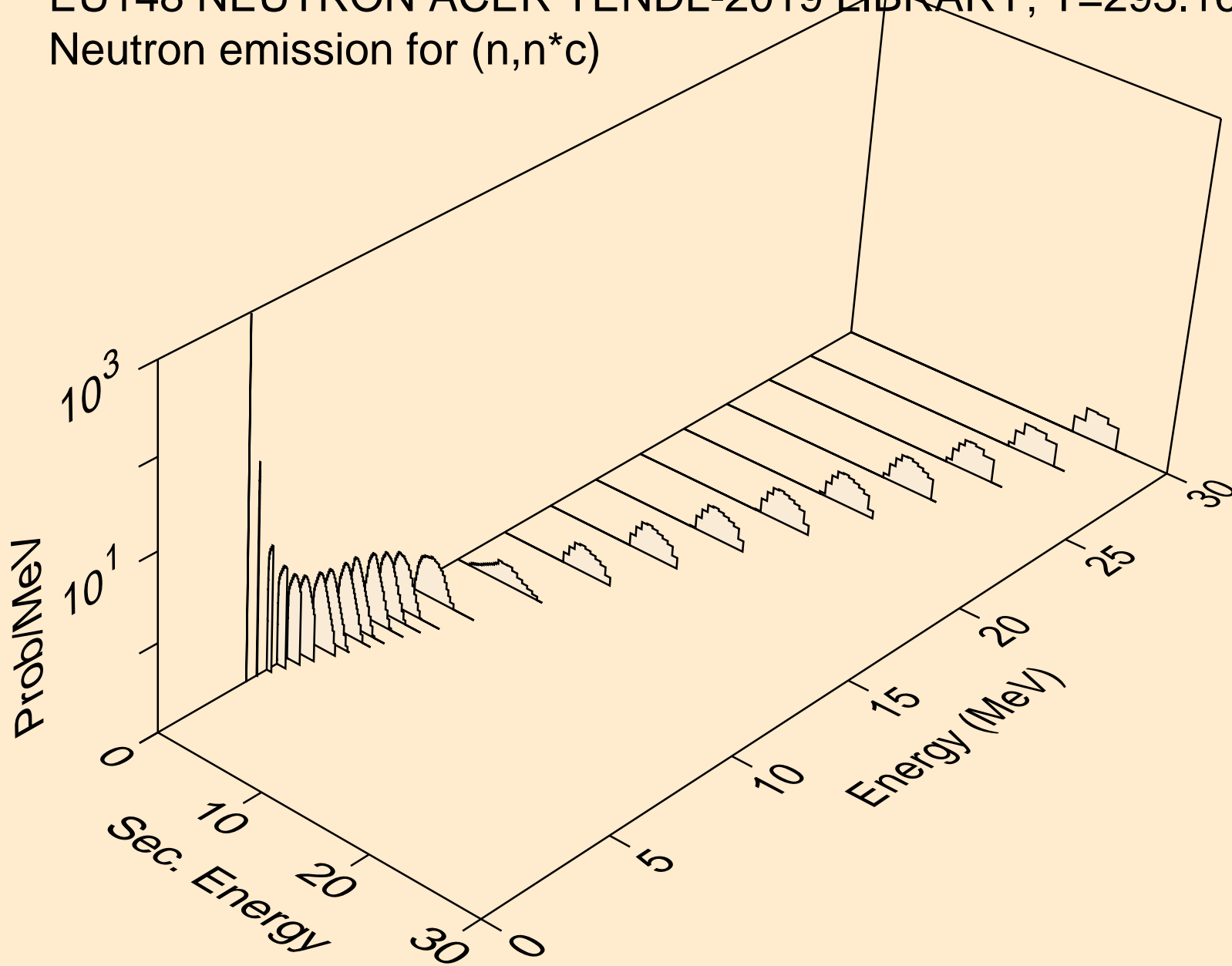
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



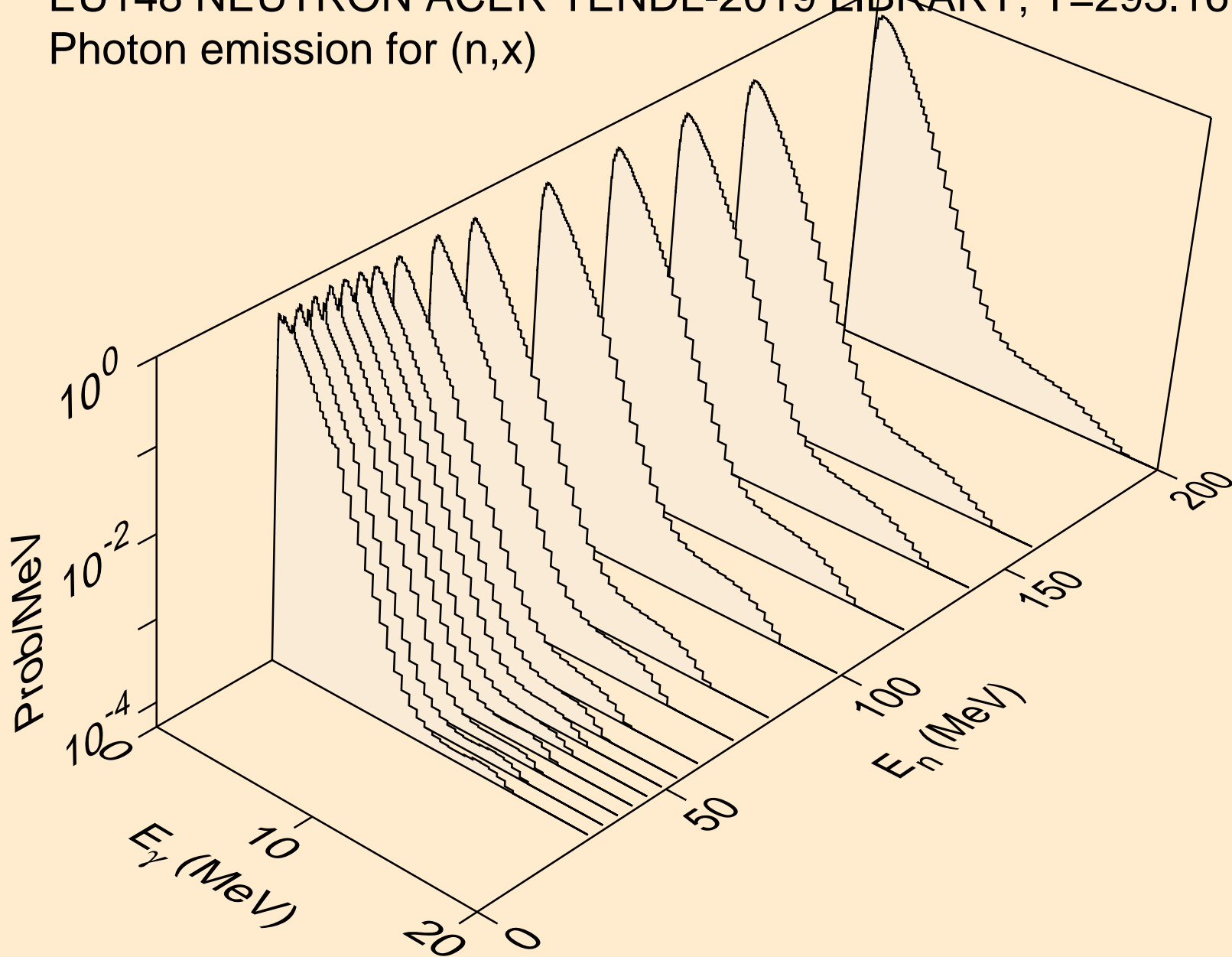
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



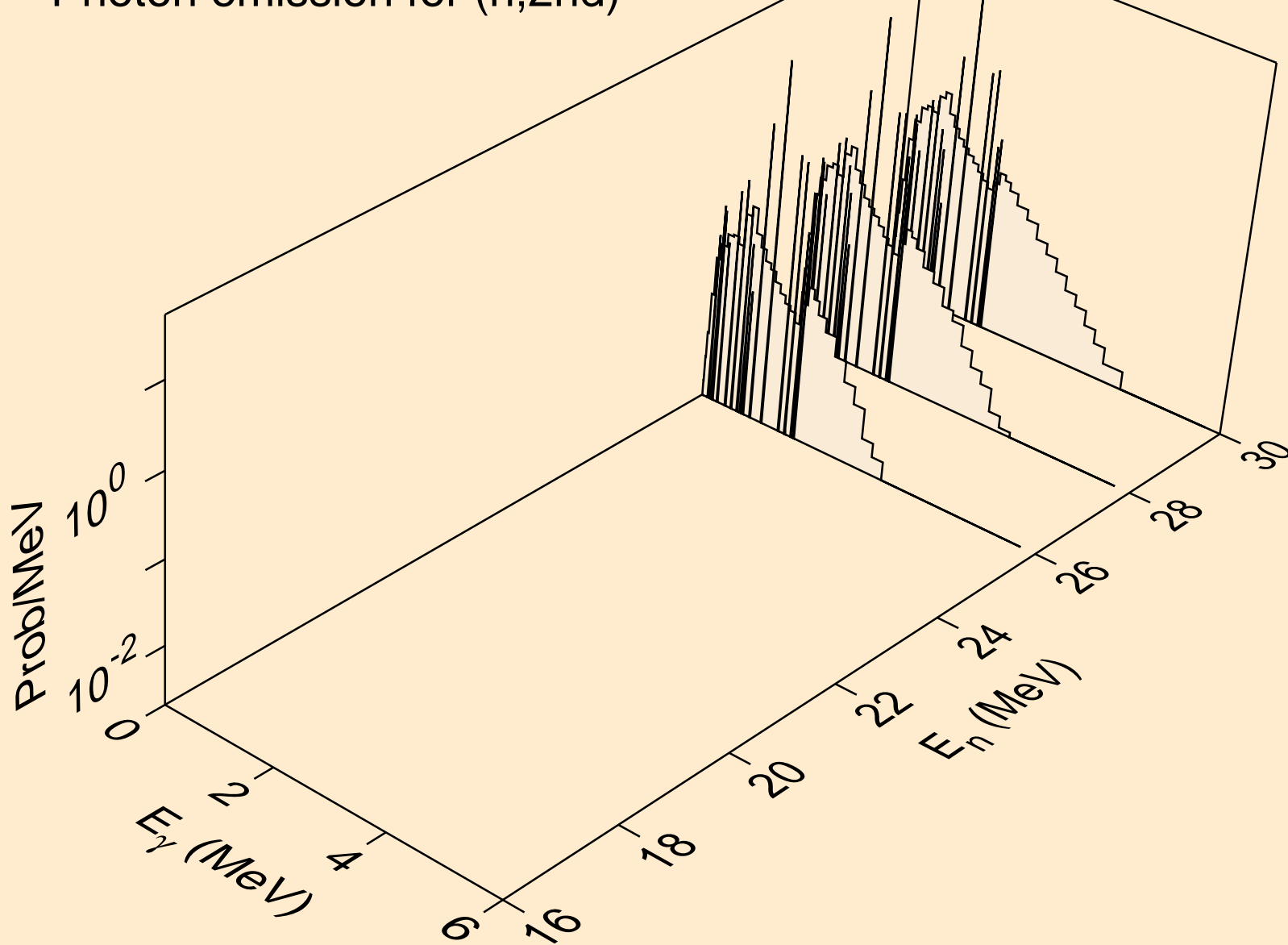
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



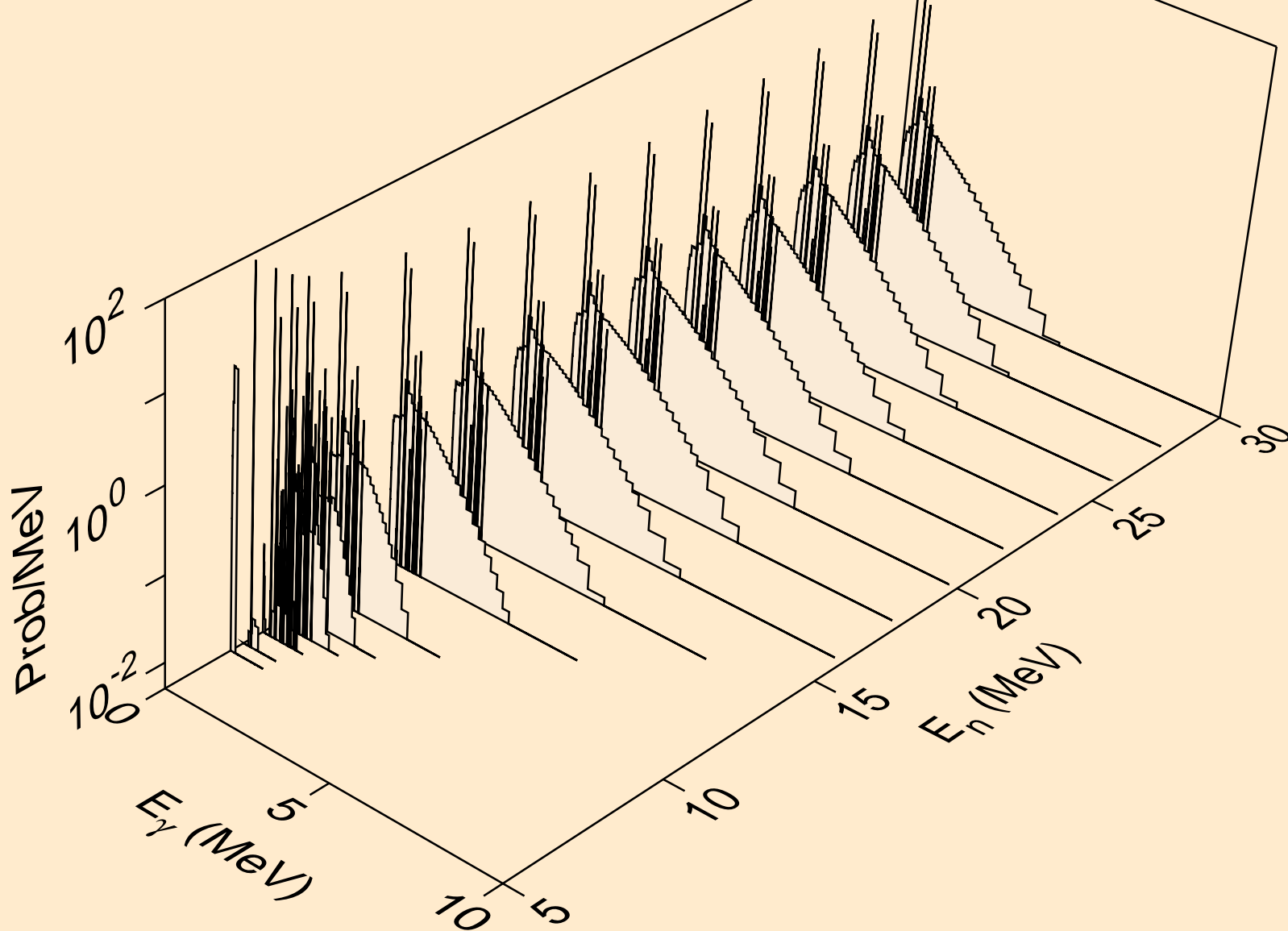
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



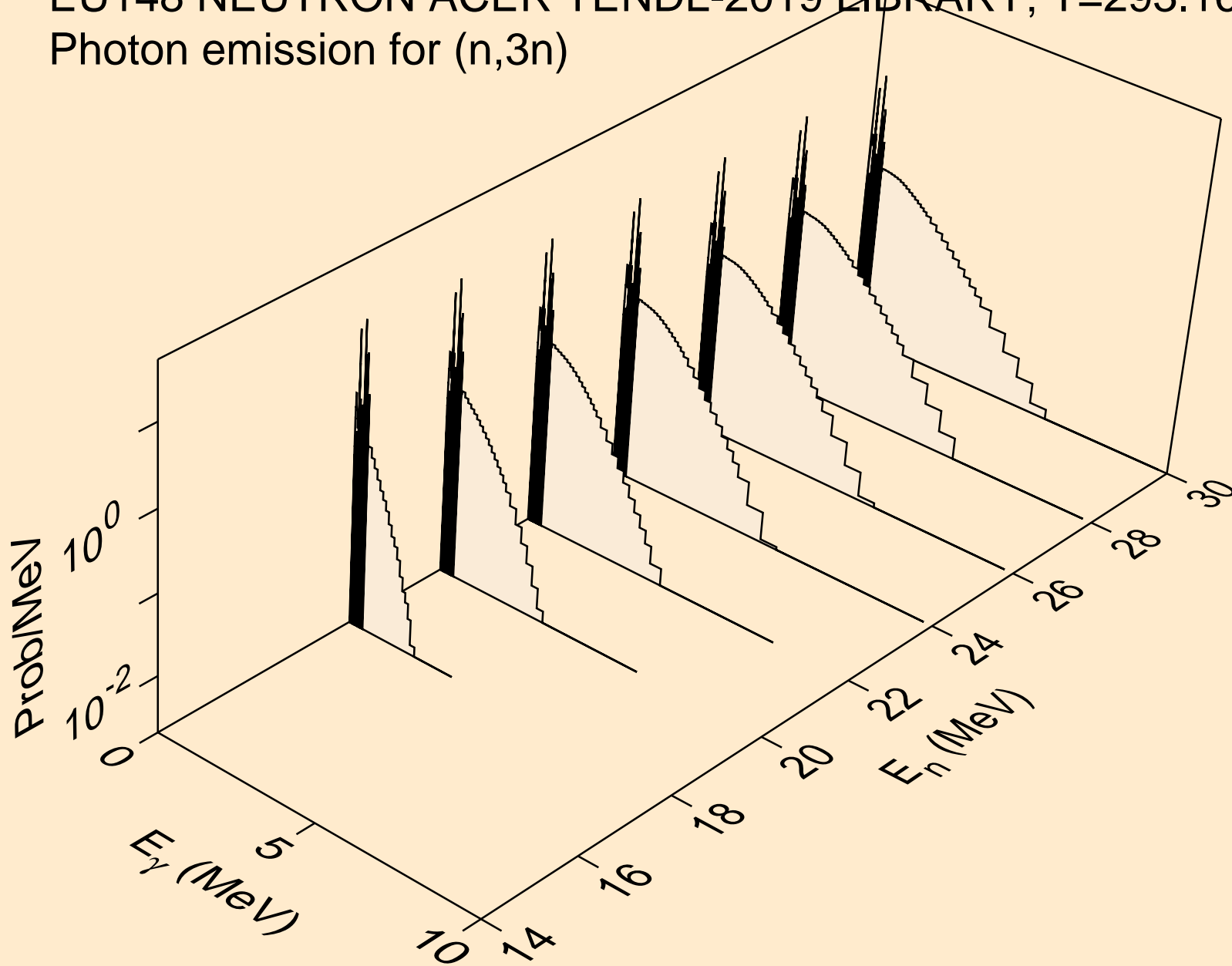
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2nd)



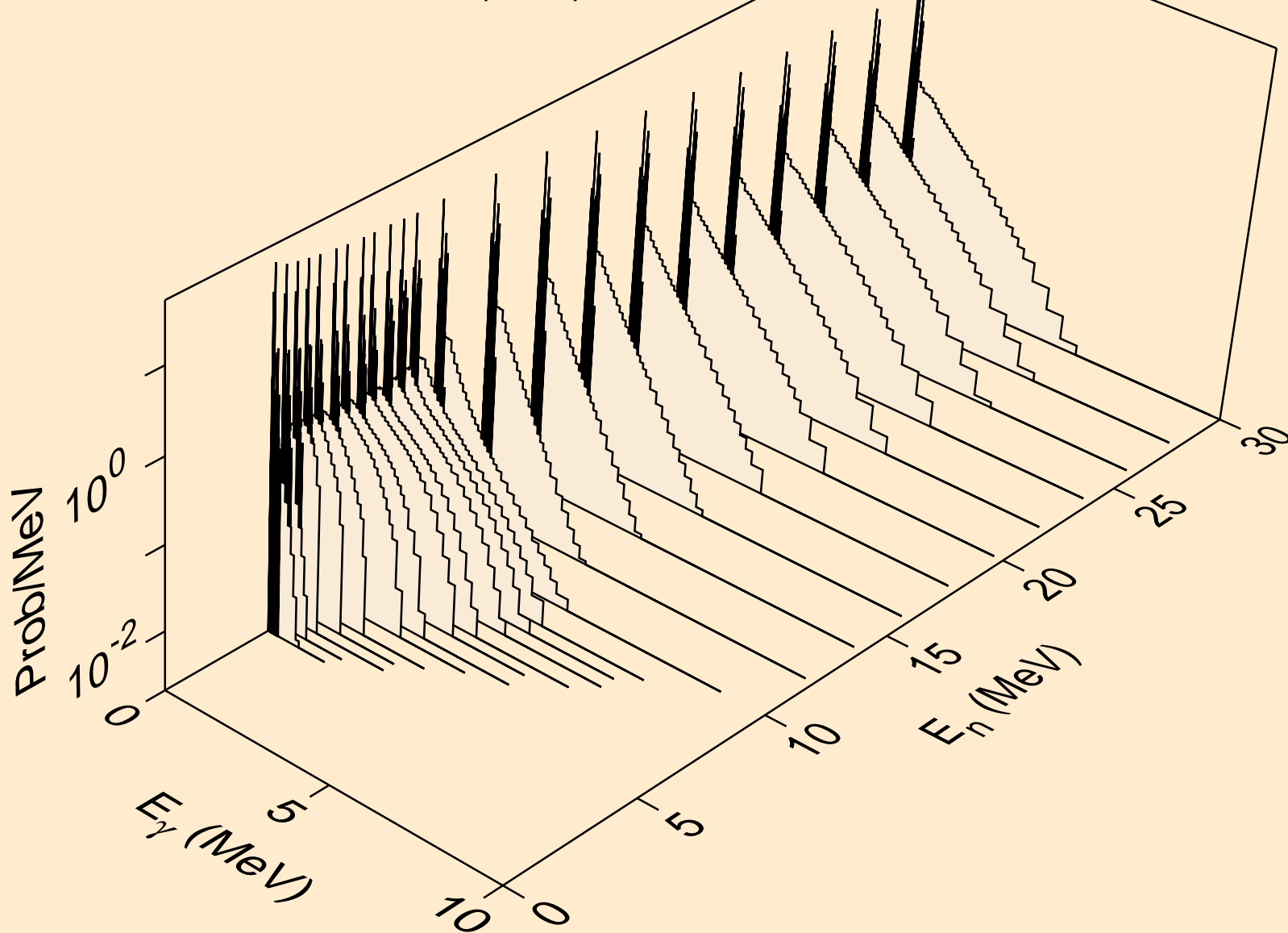
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



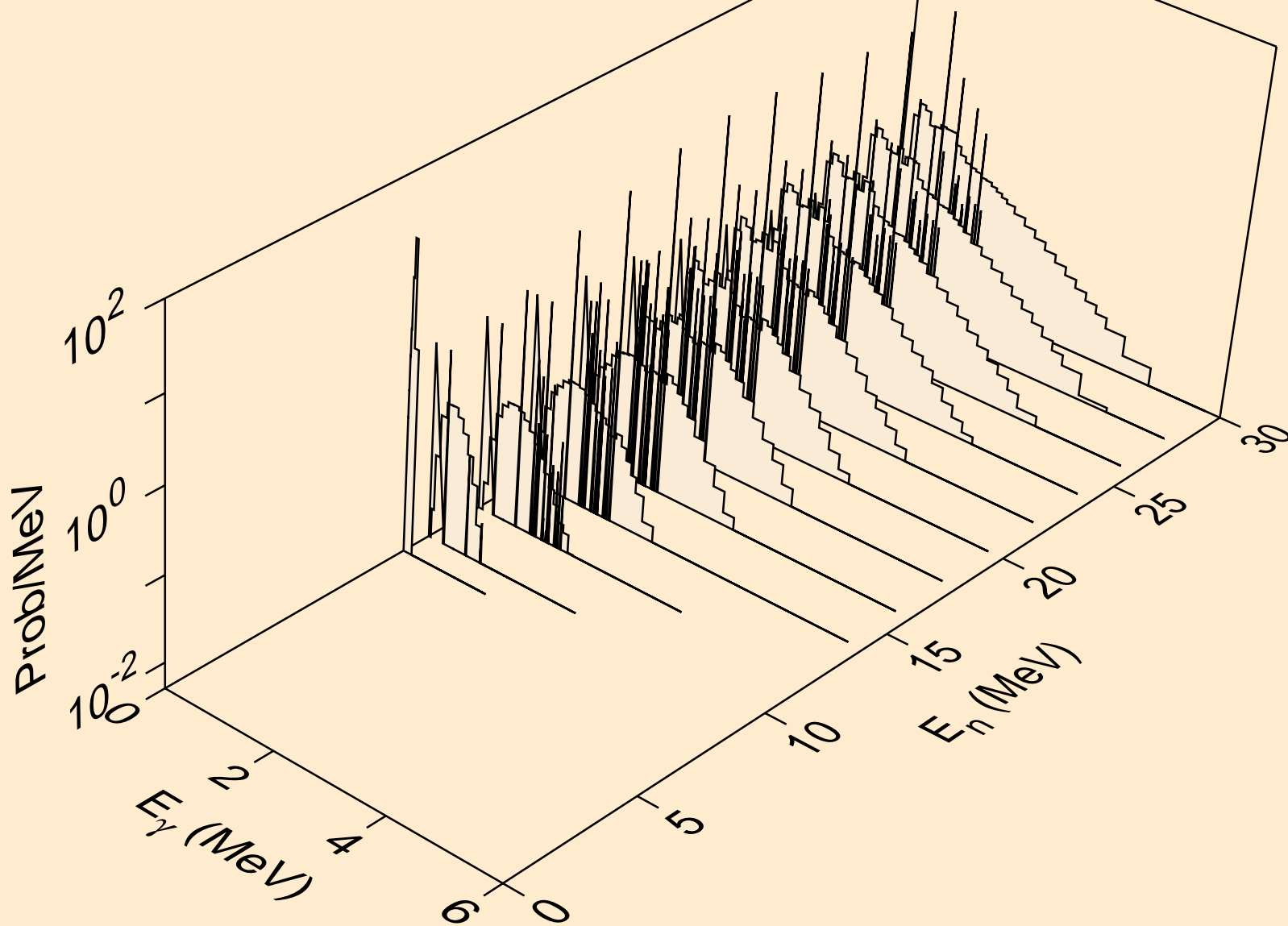
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



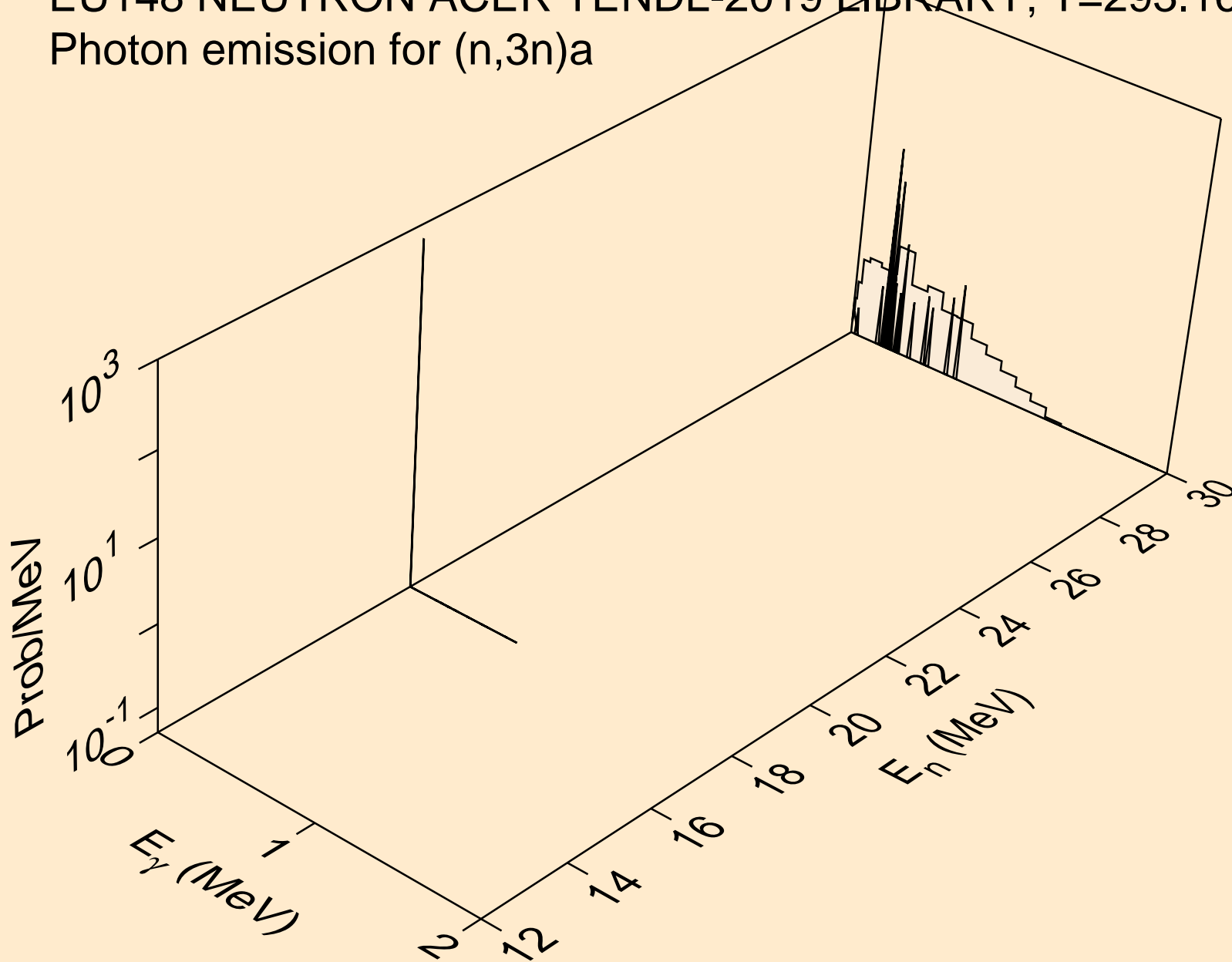
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



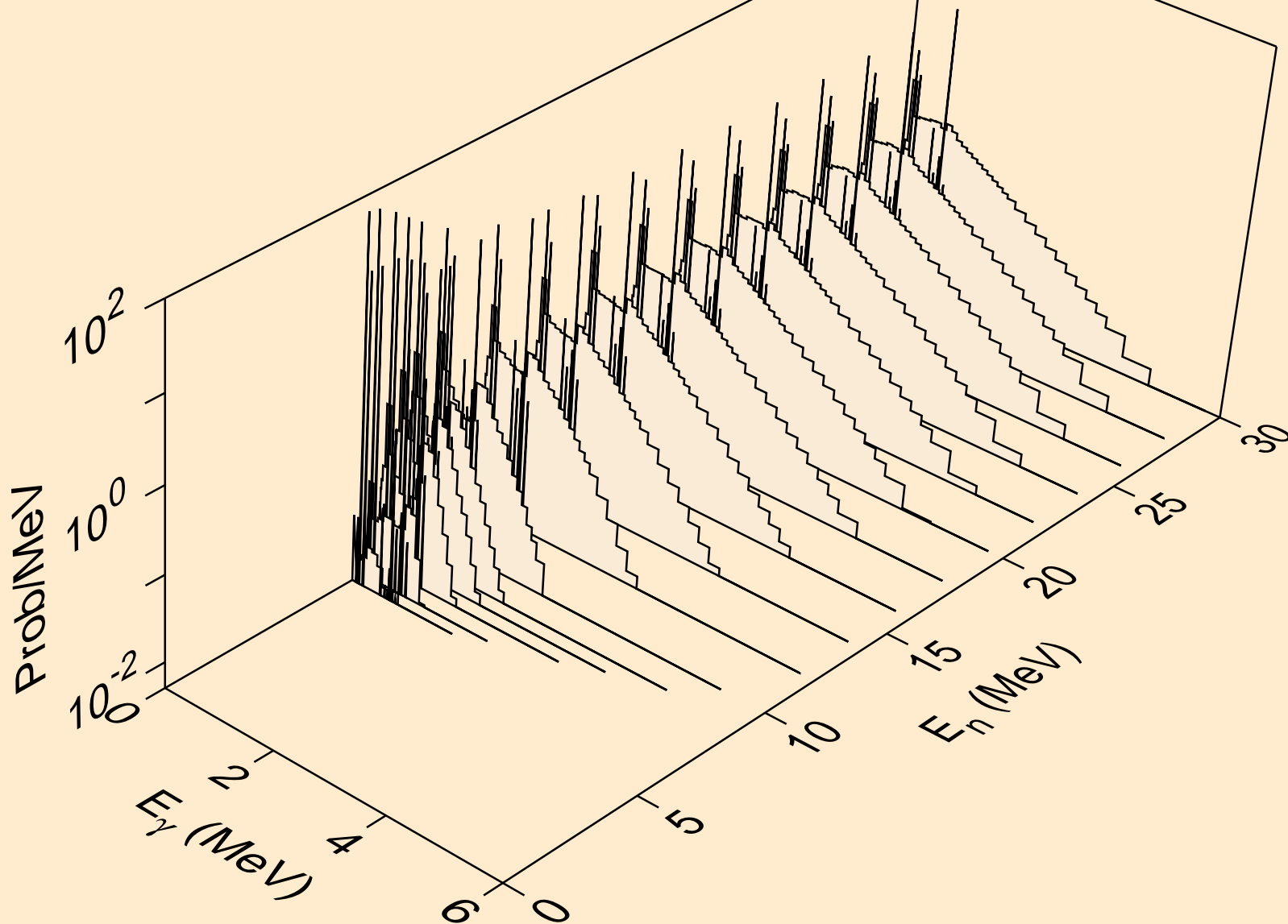
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n) α



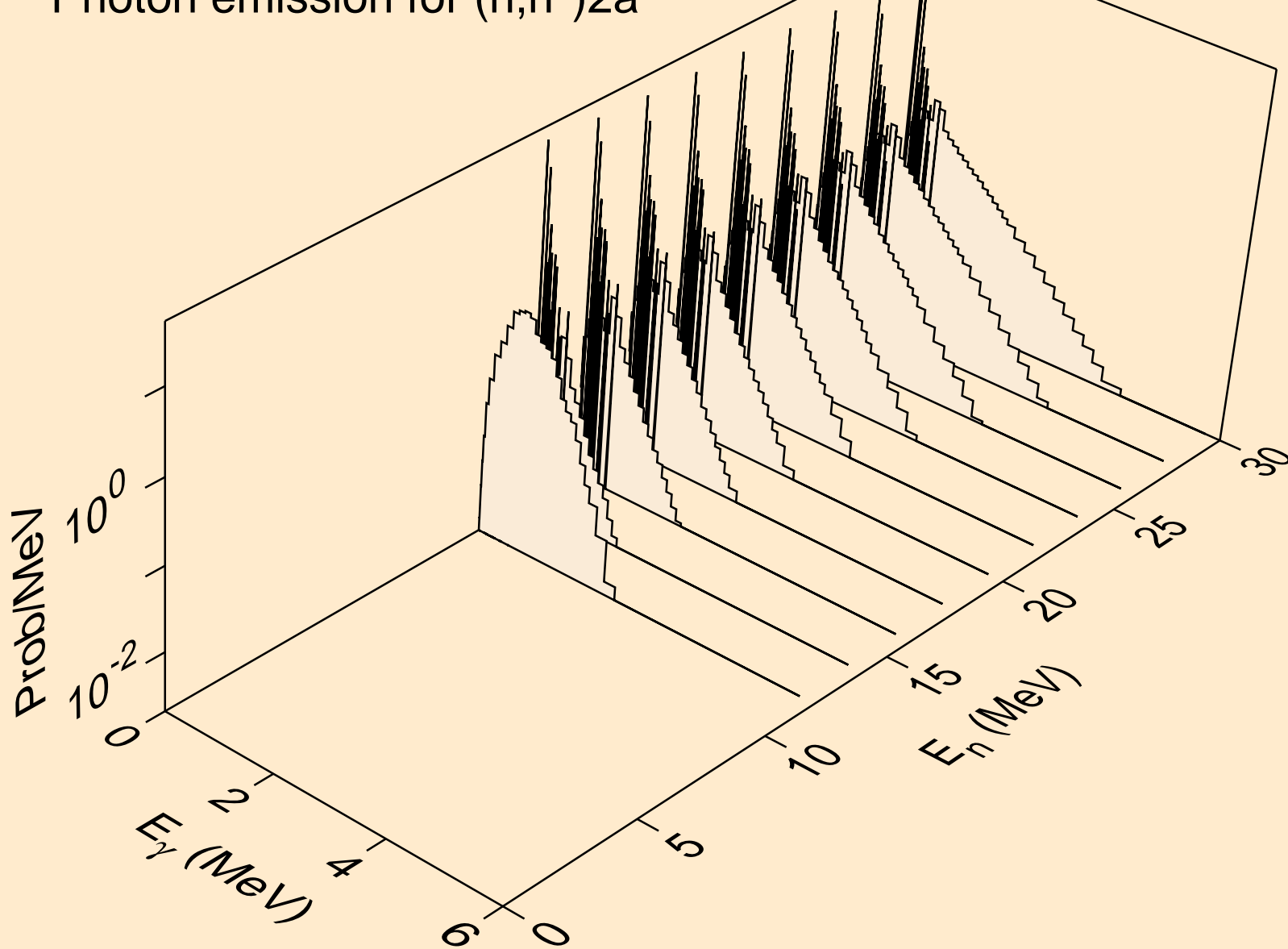
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)a



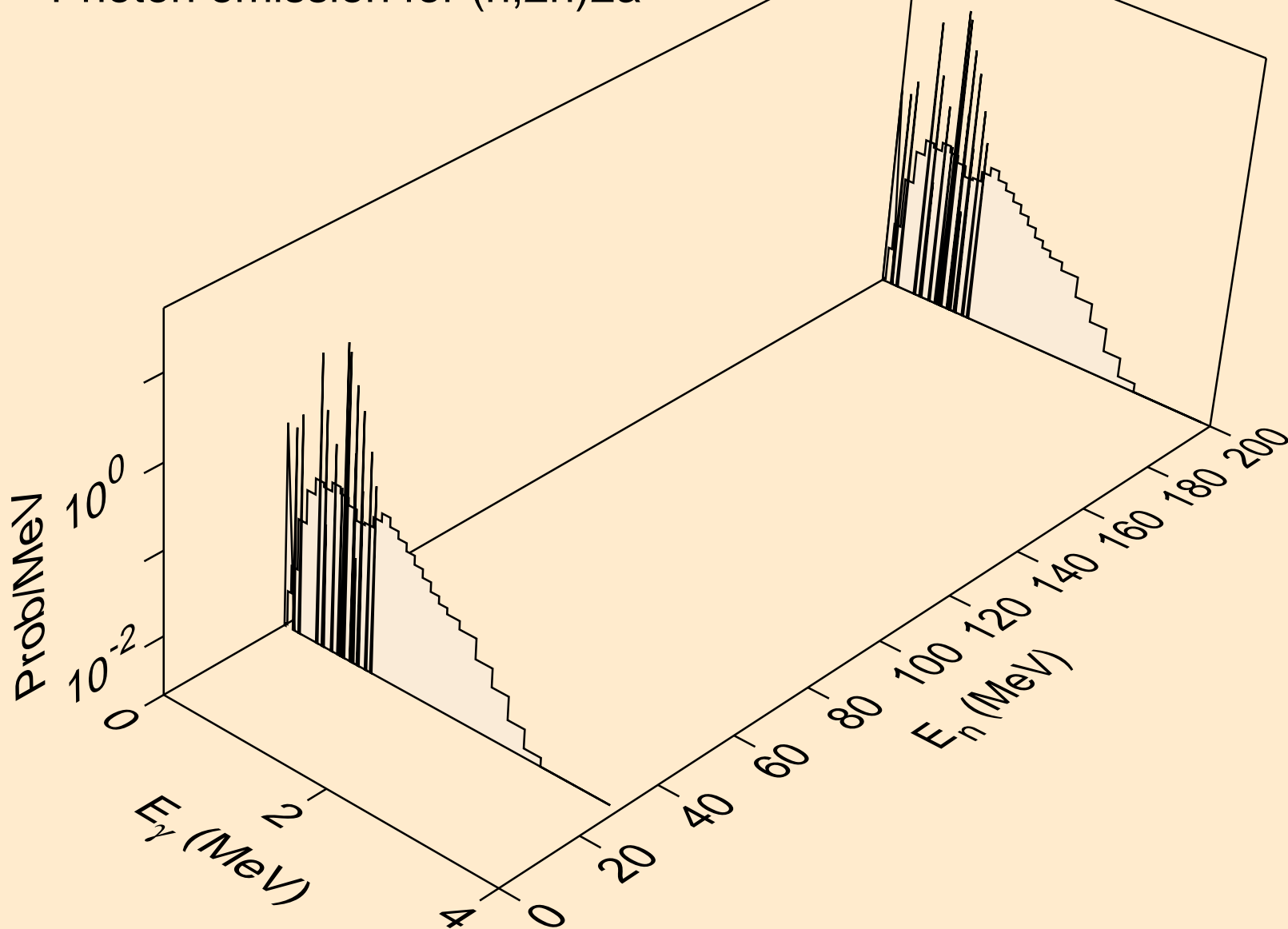
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



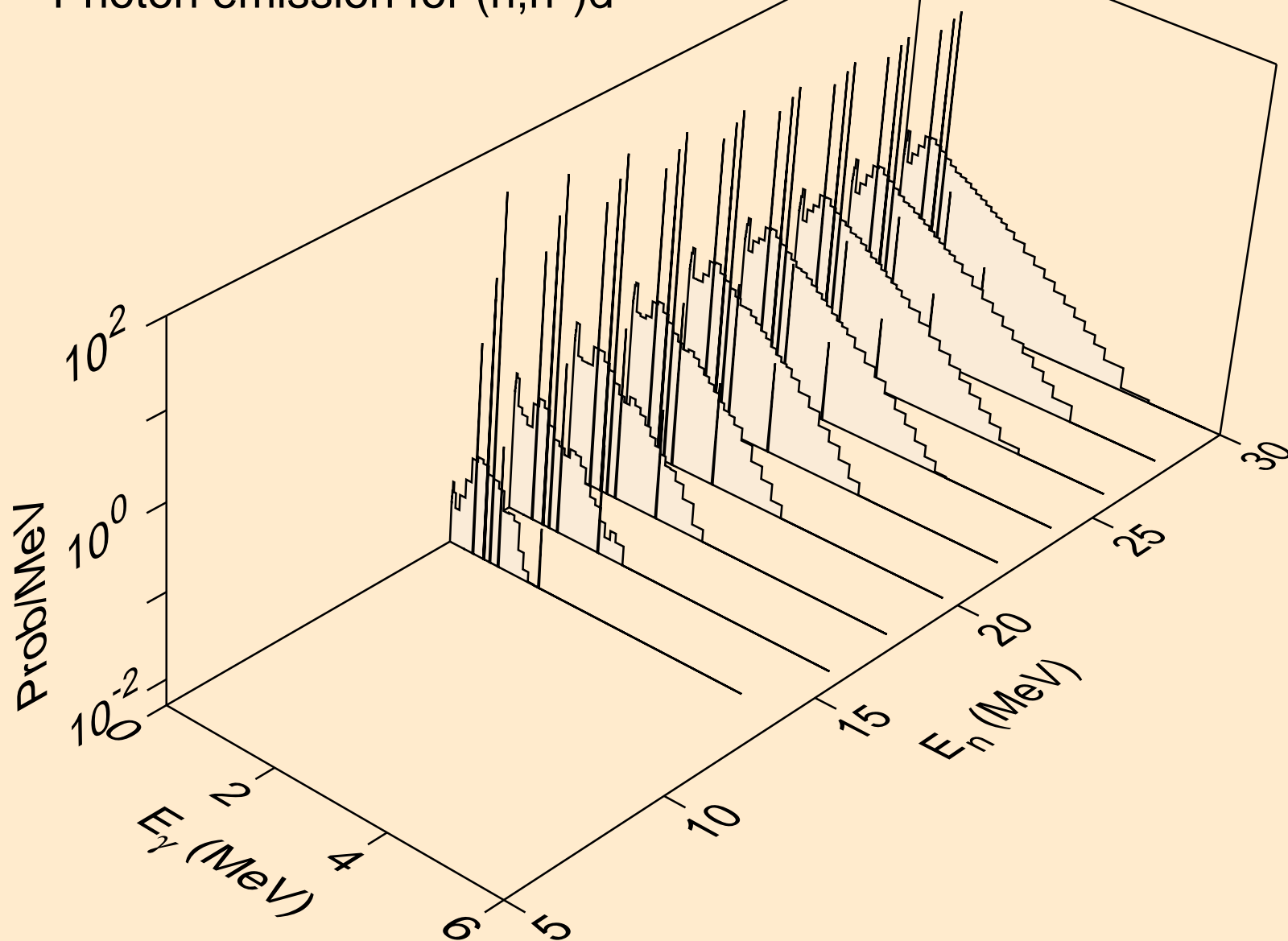
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



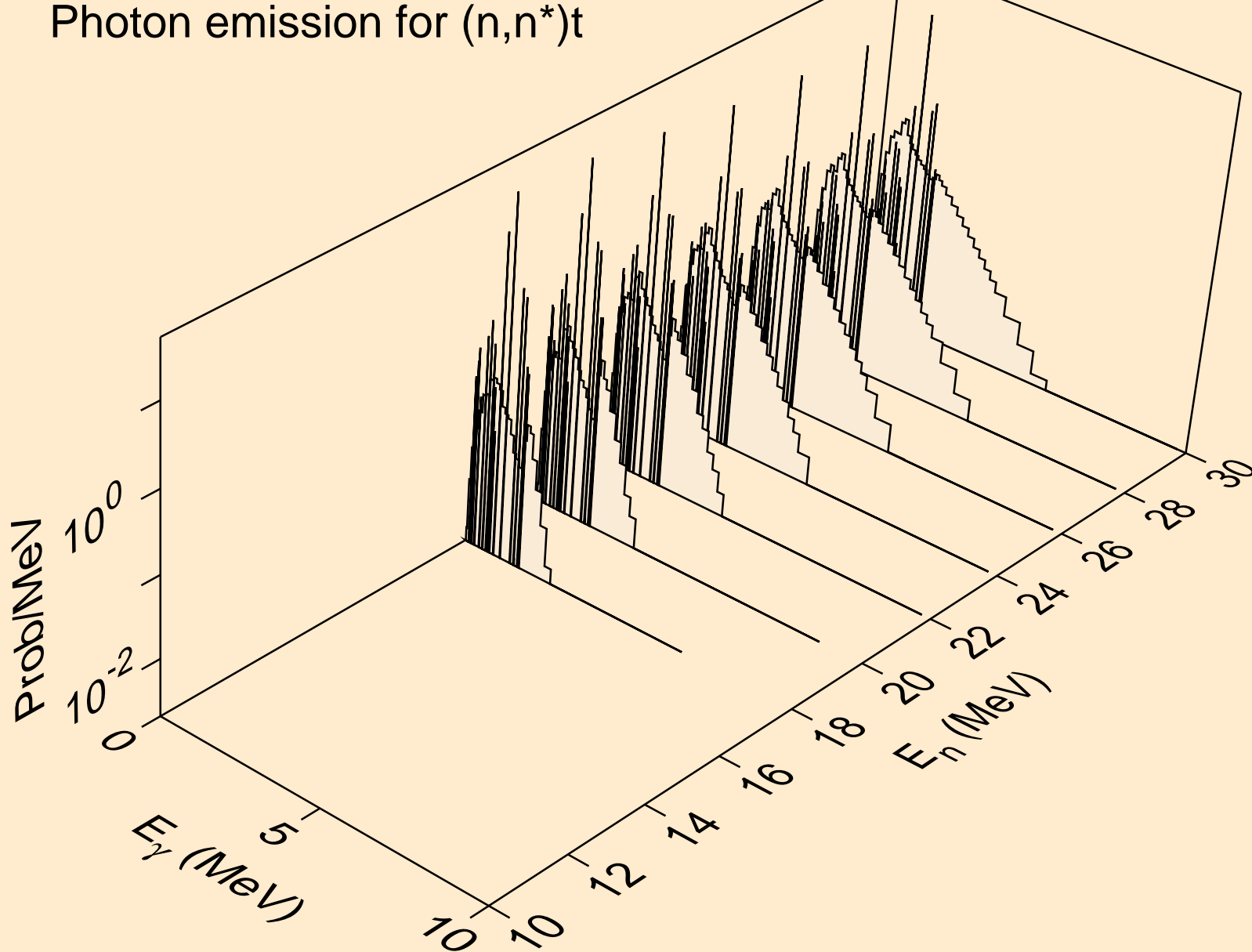
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)2a



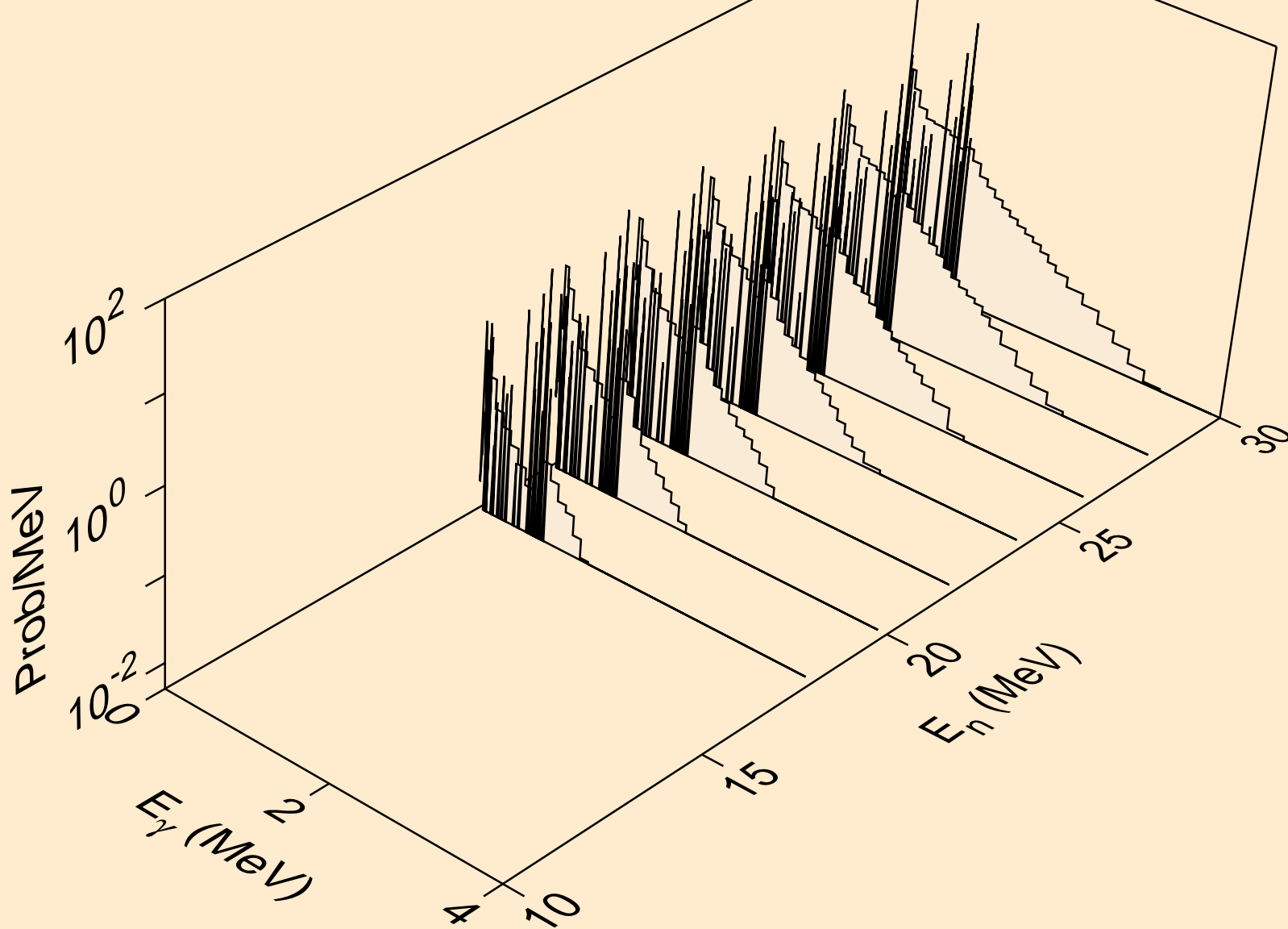
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



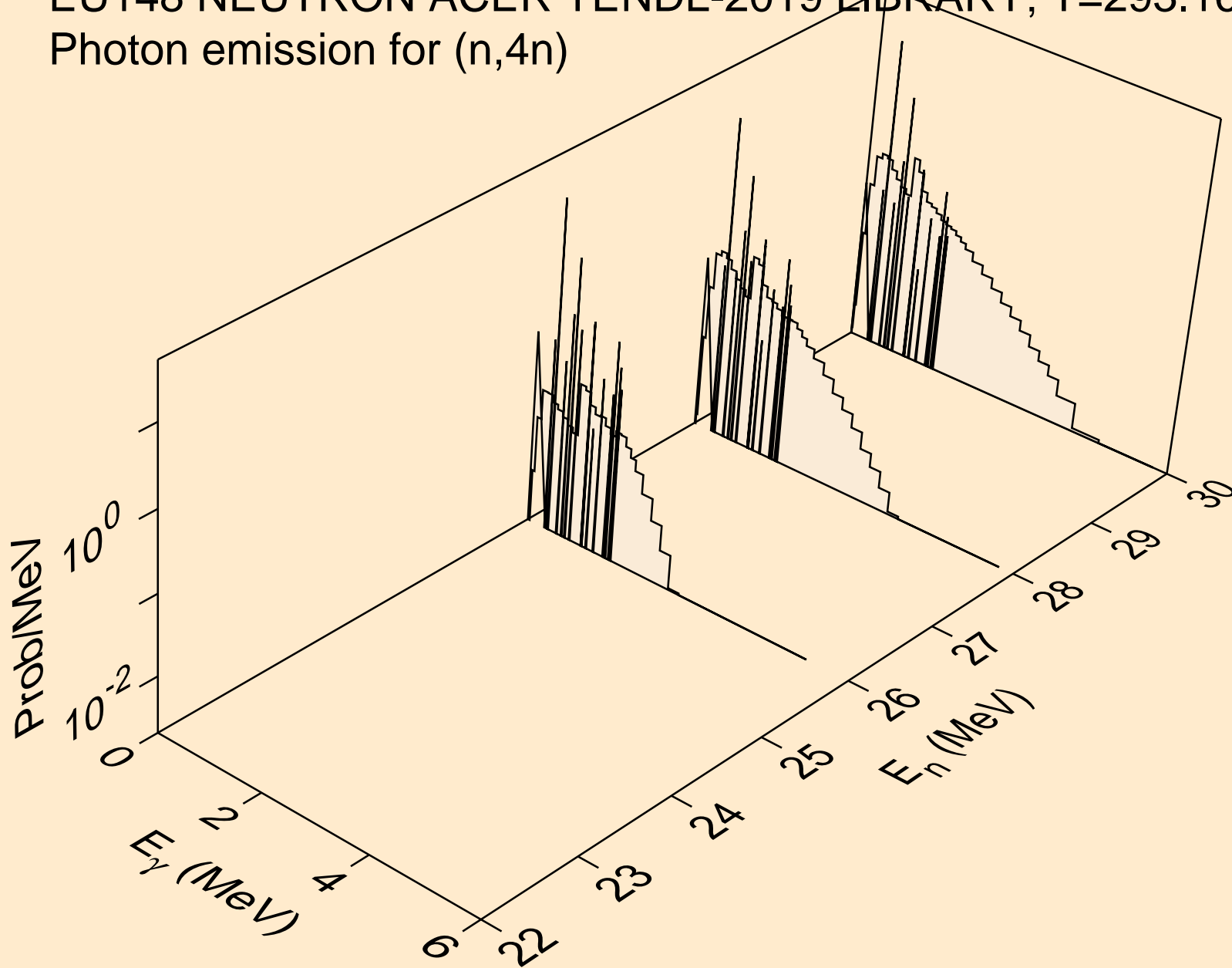
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



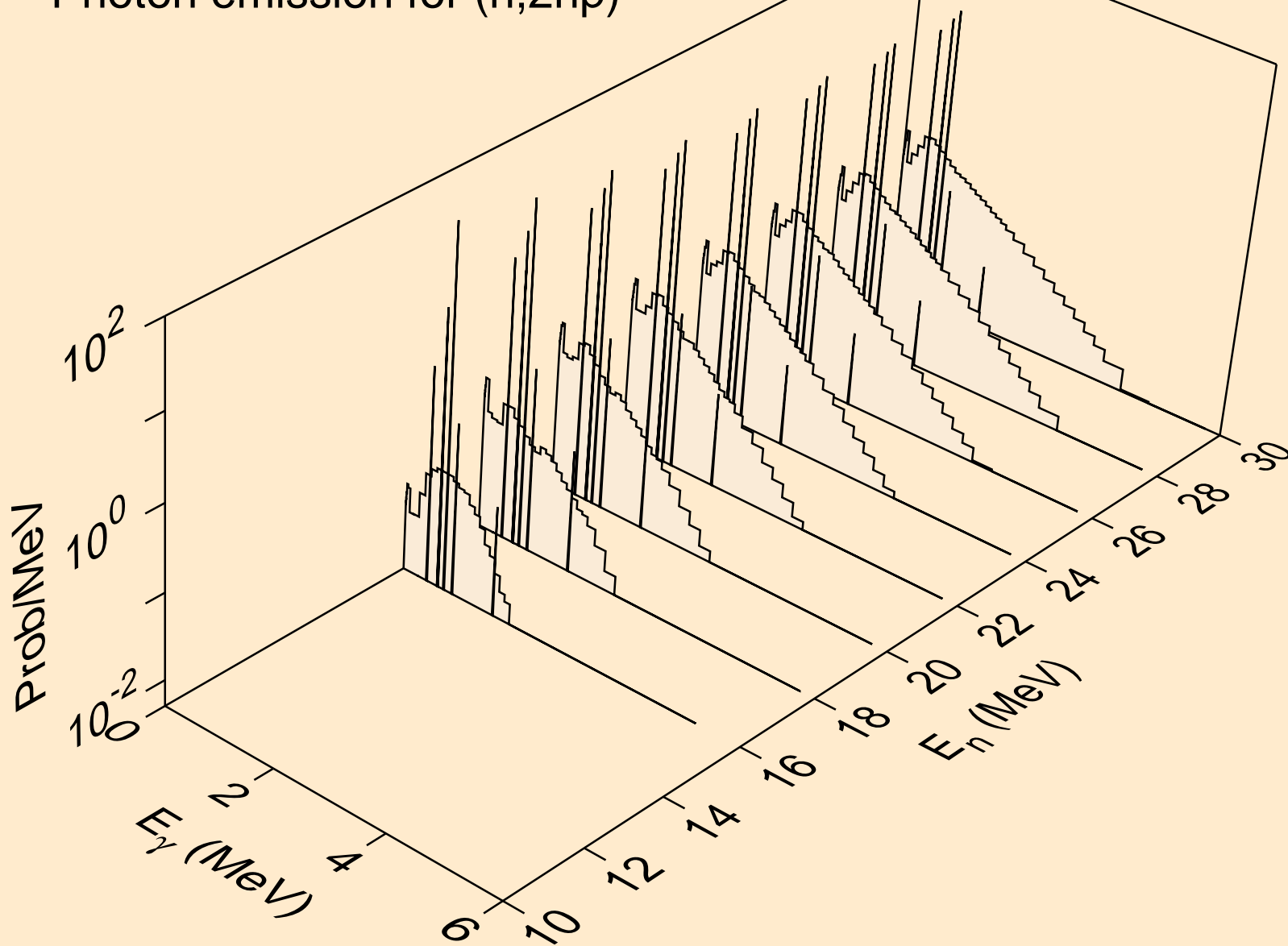
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



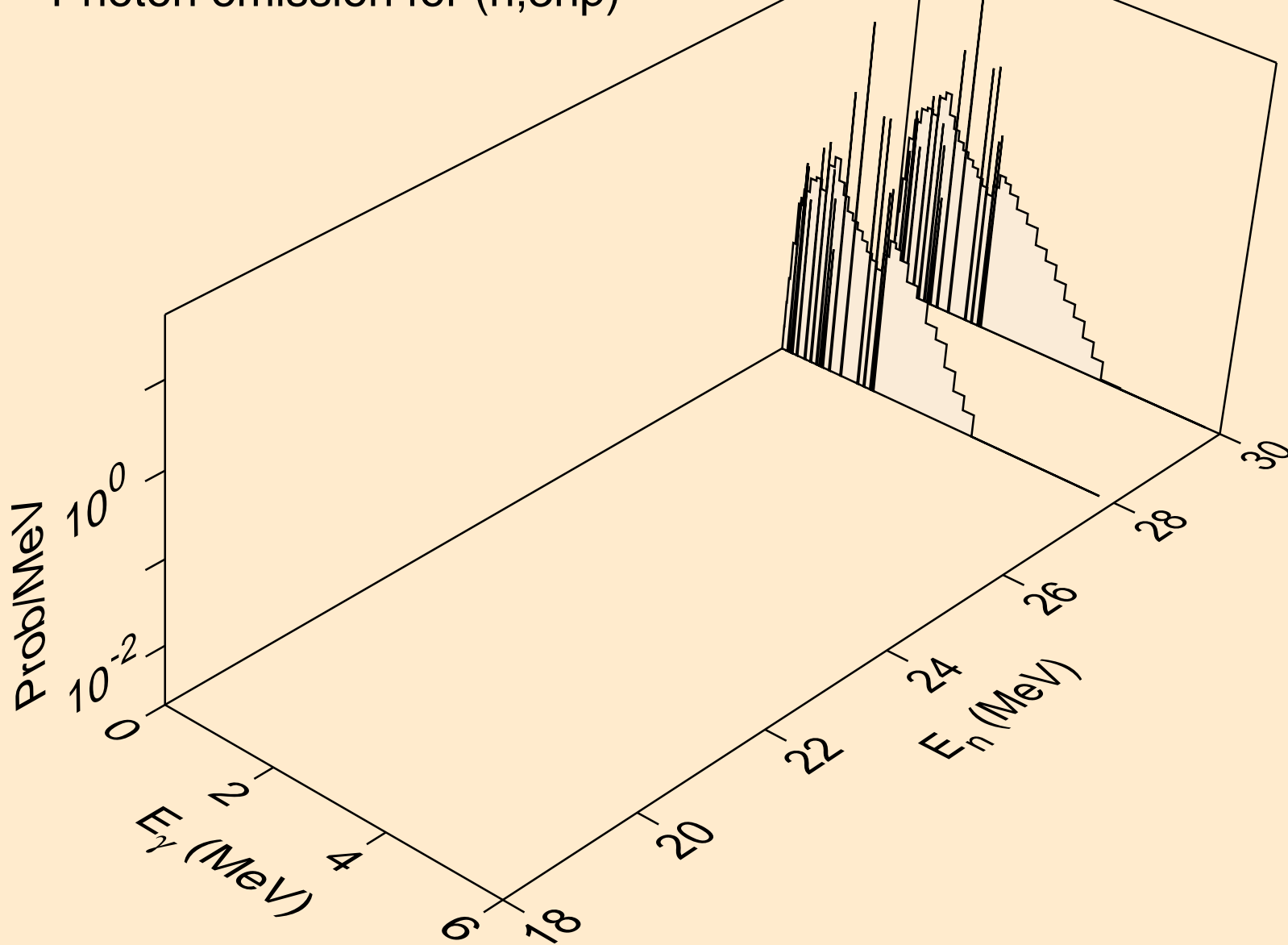
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,4n)



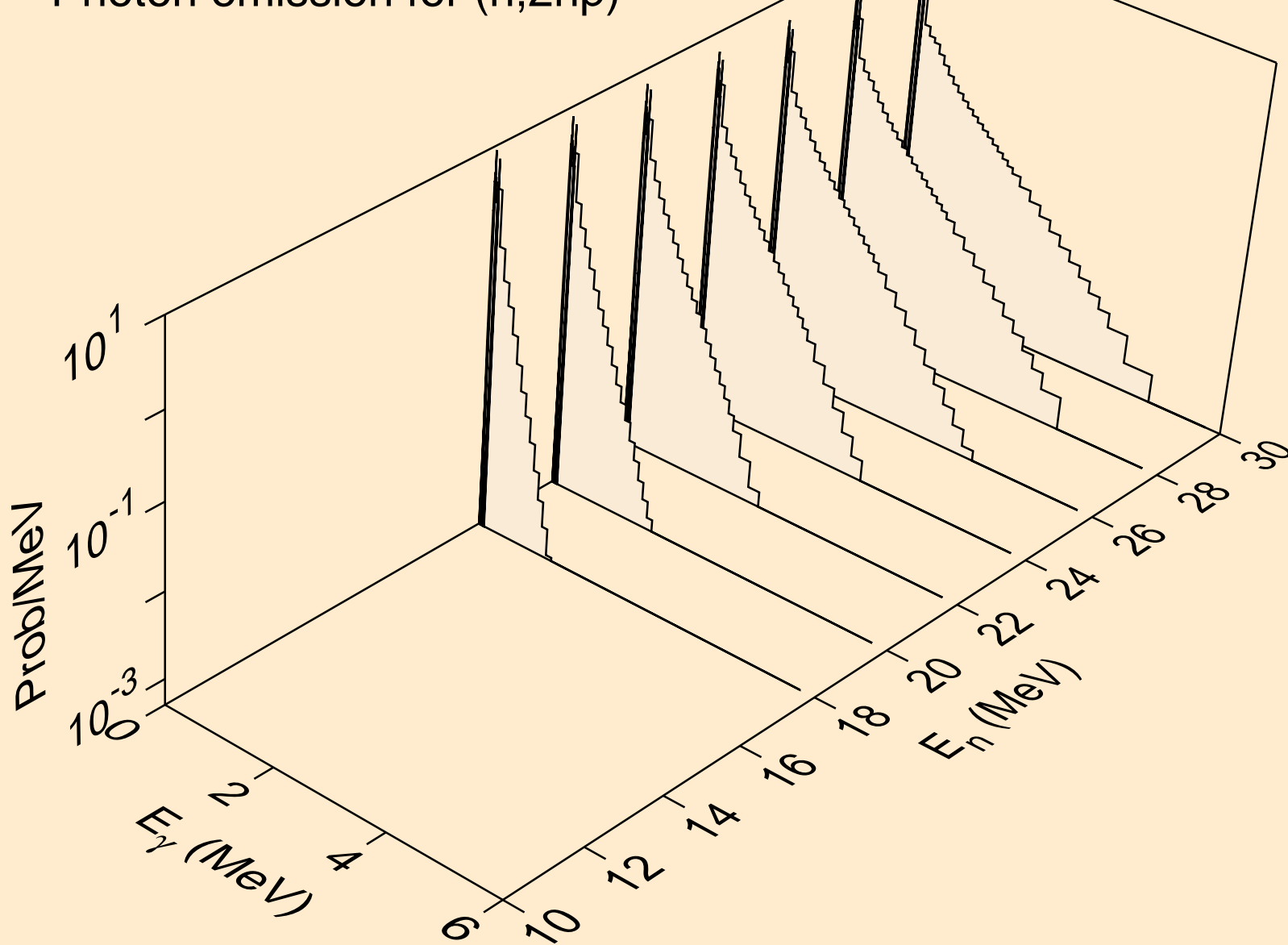
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



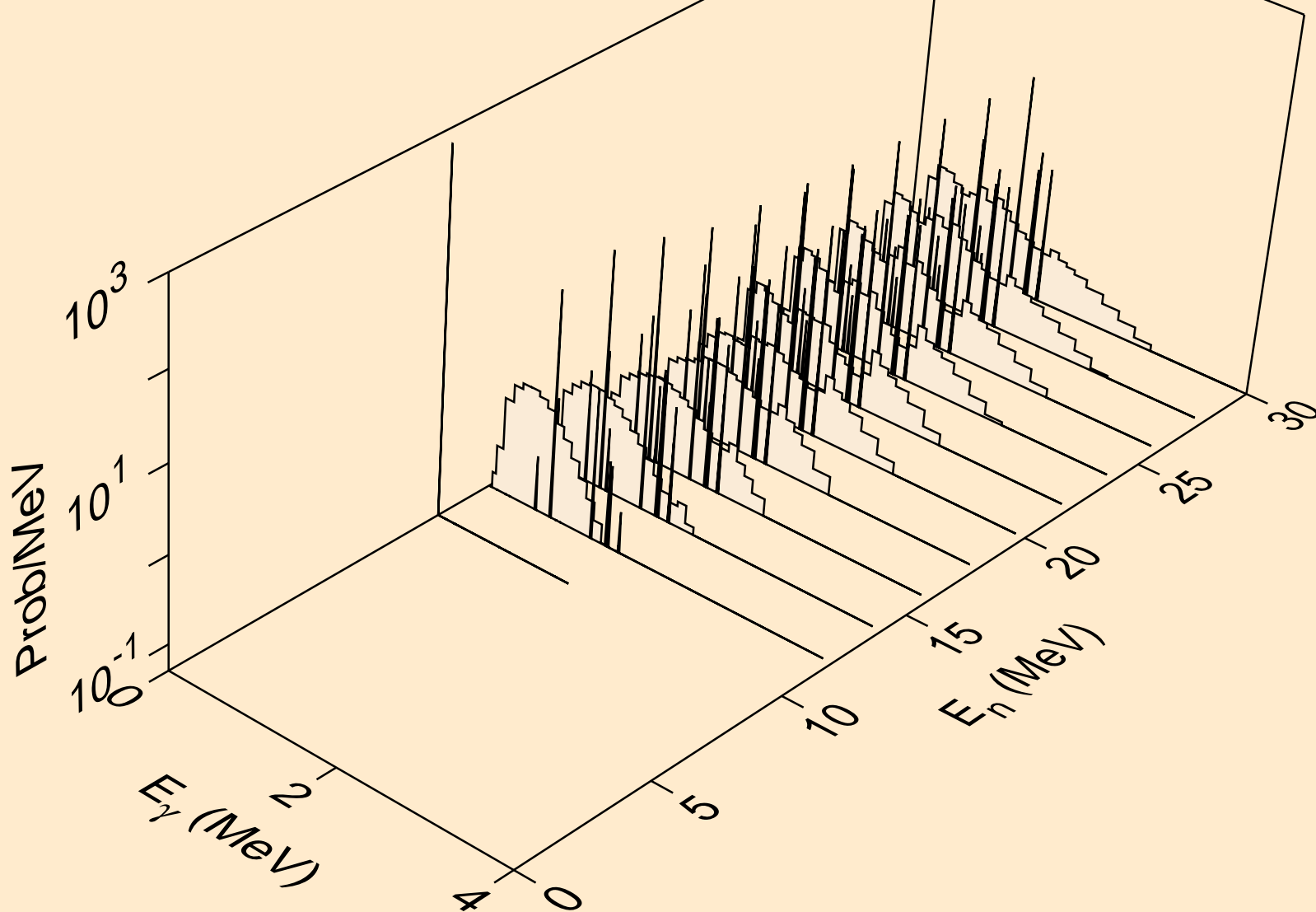
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



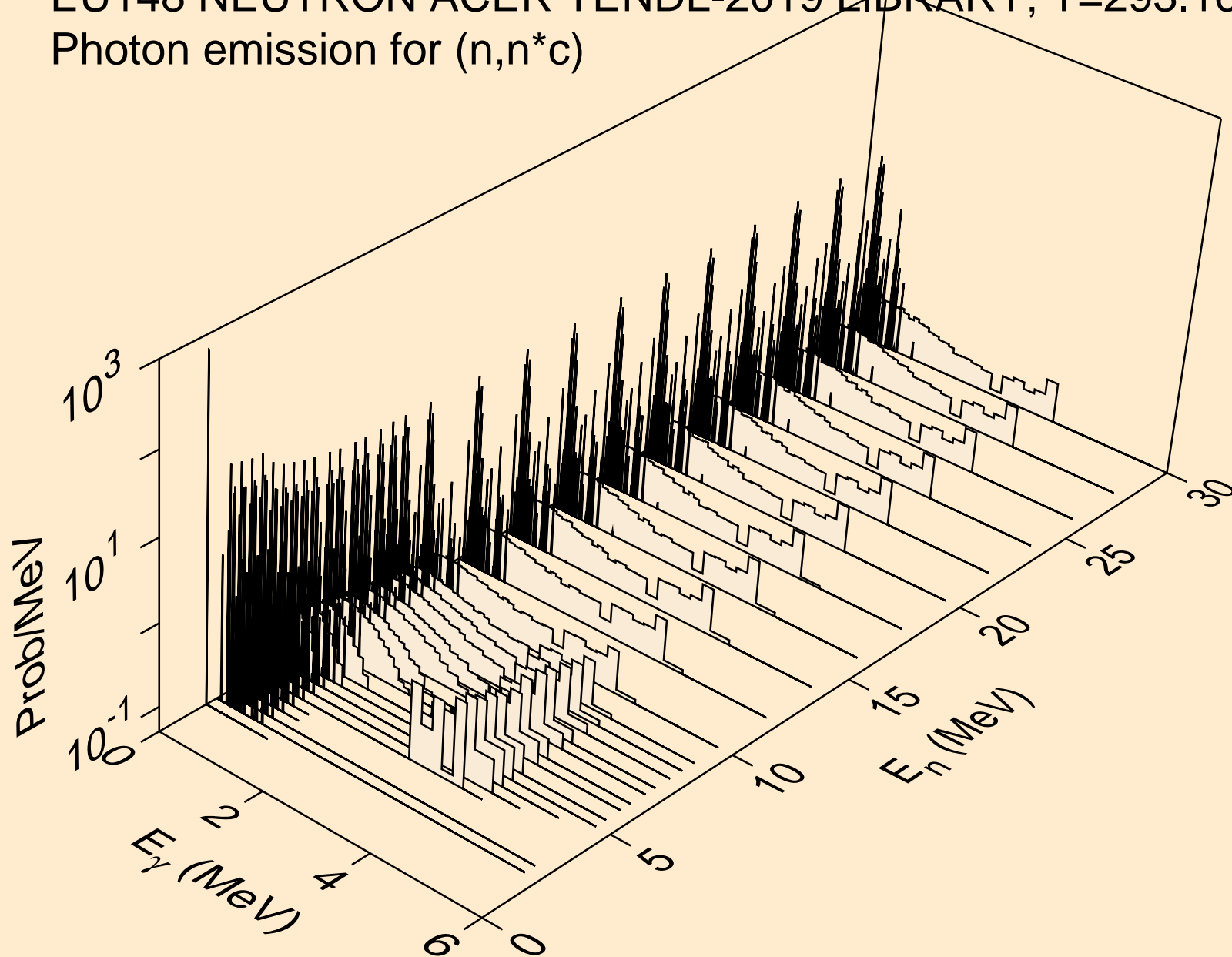
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



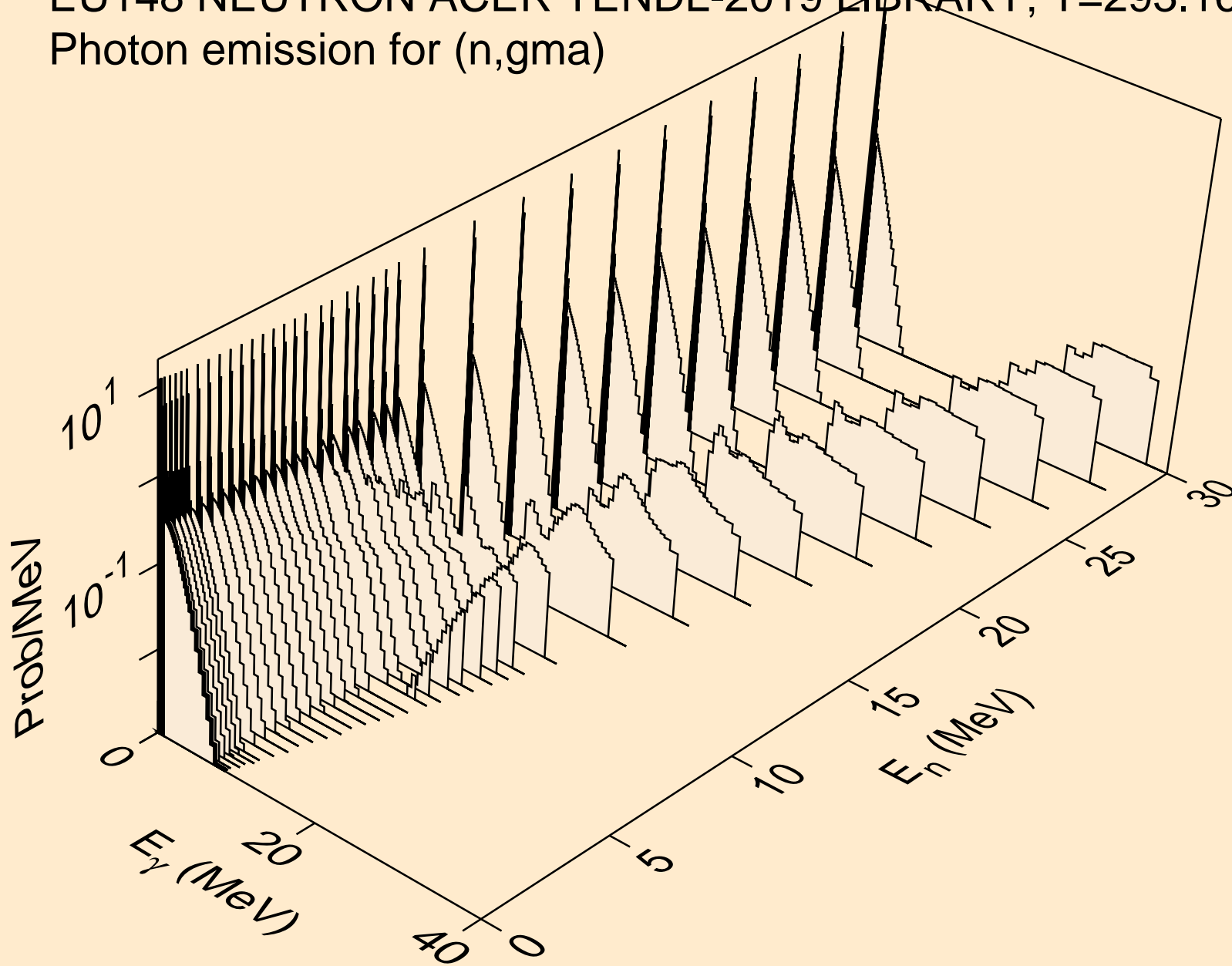
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



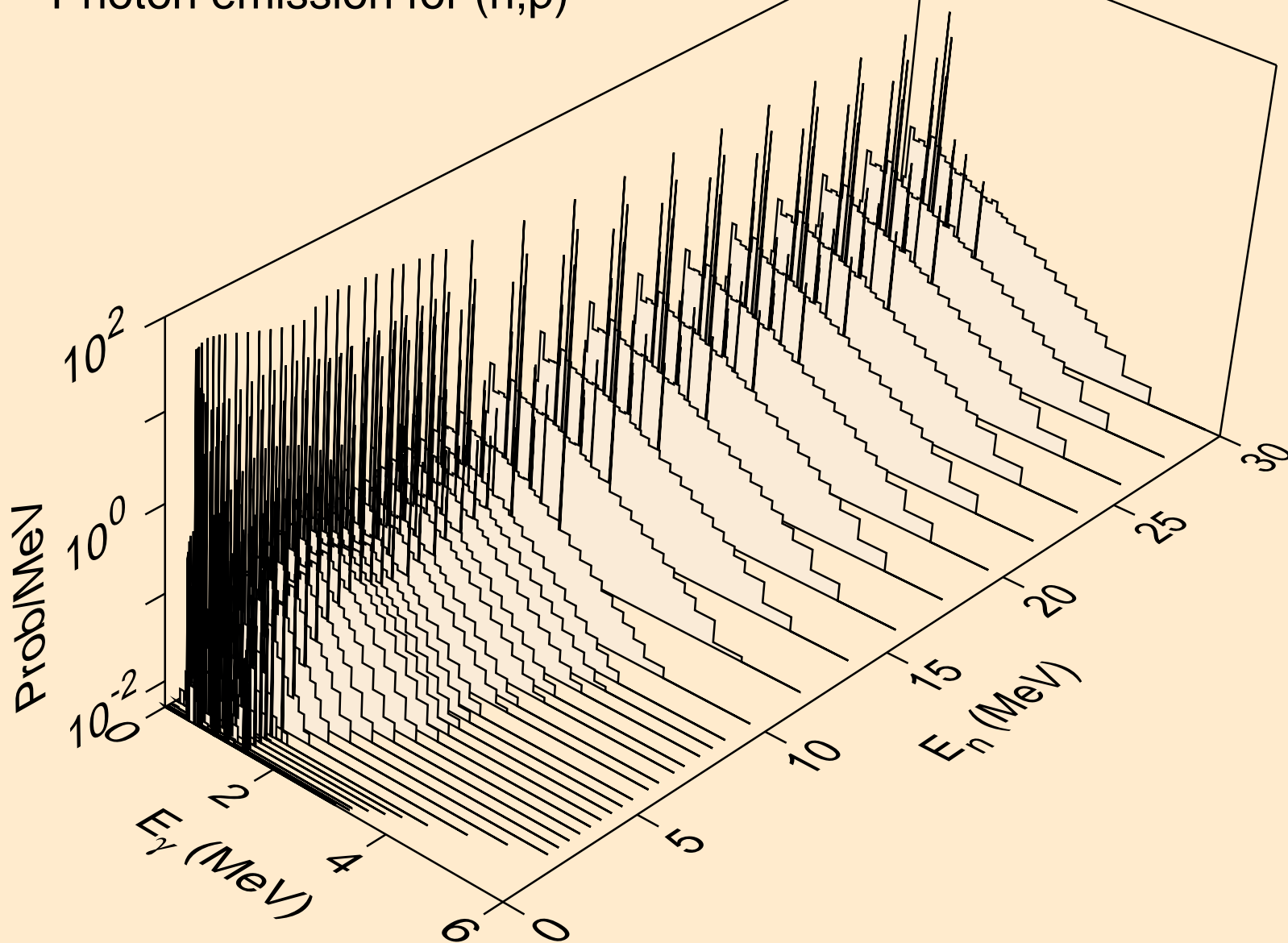
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



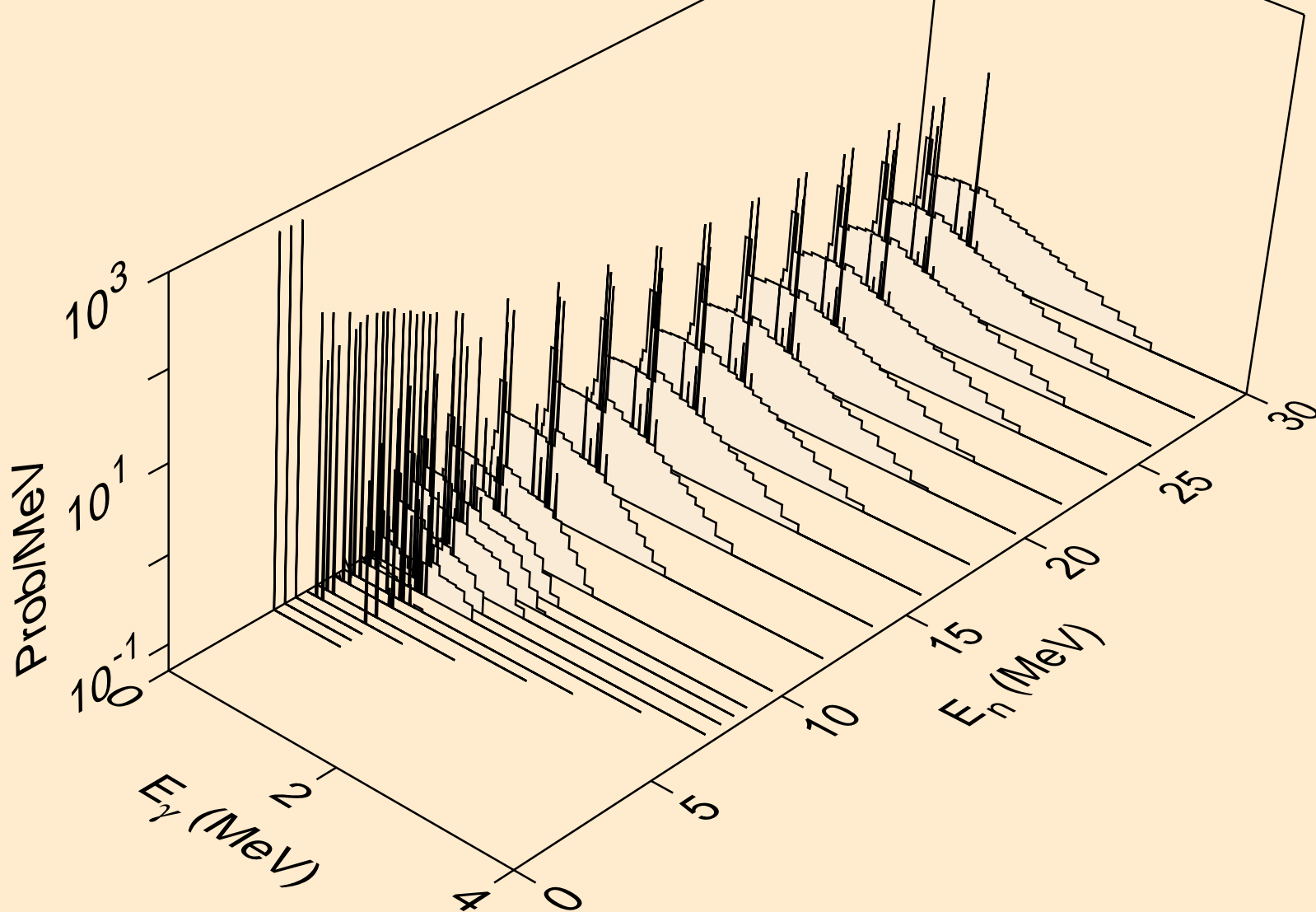
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



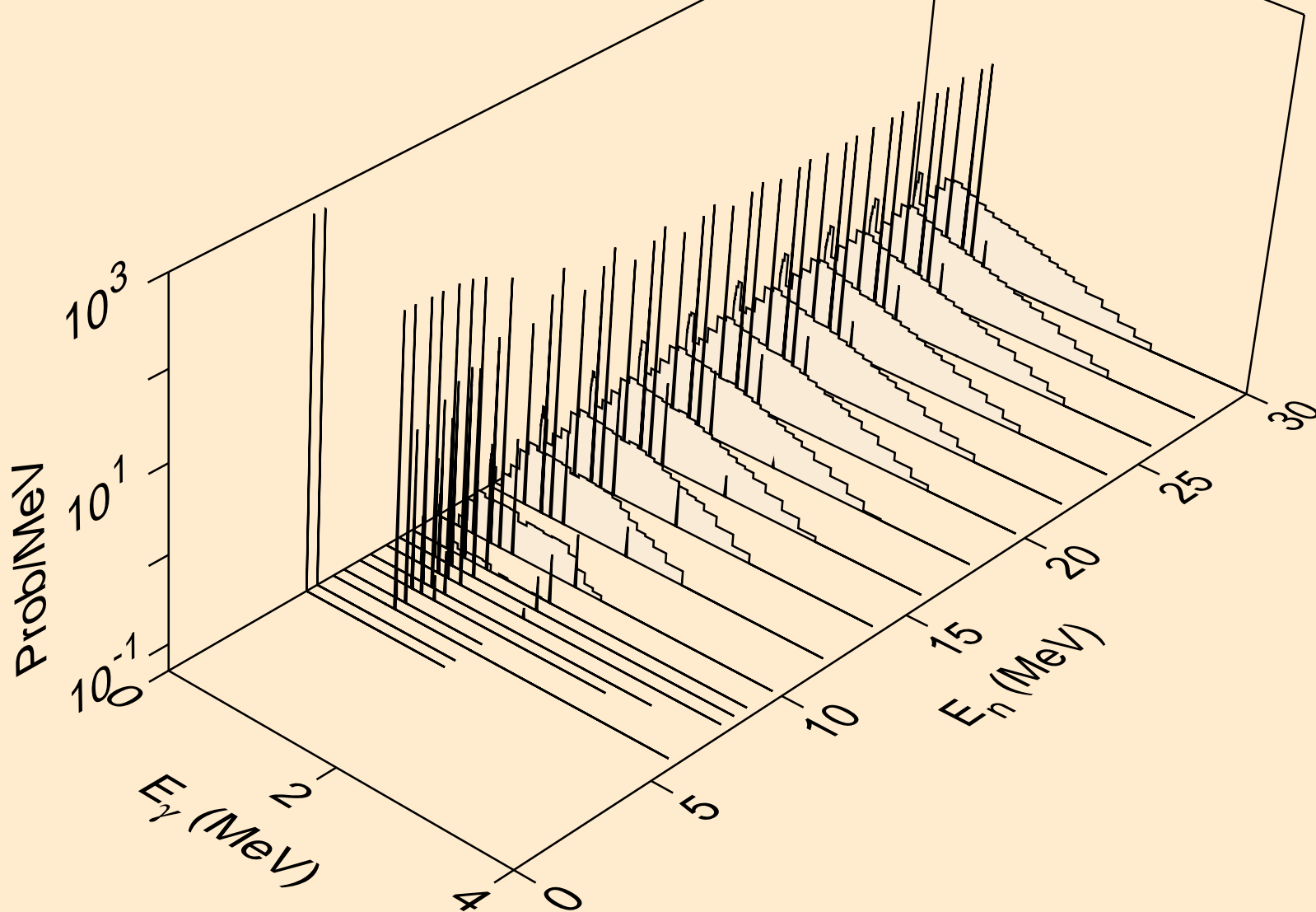
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



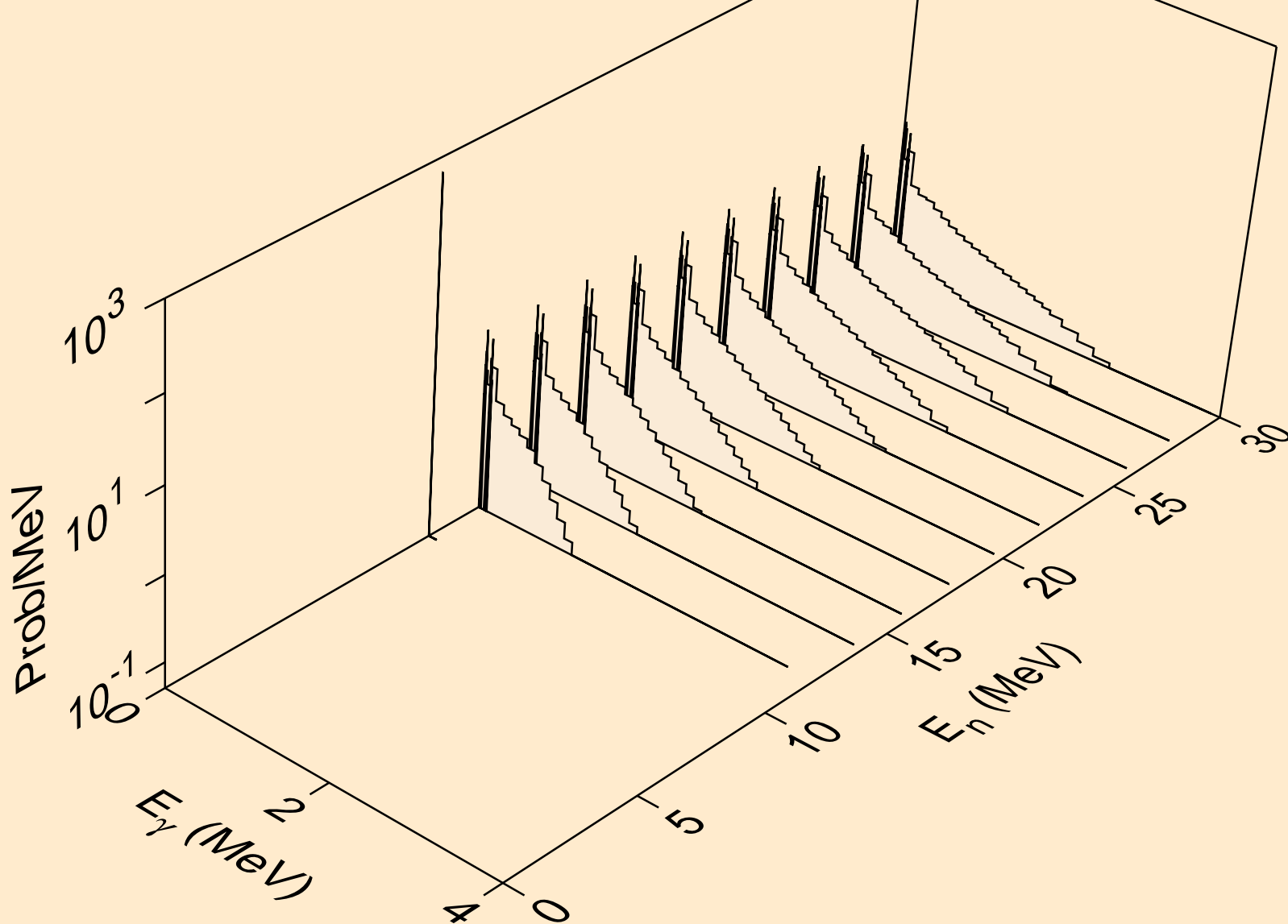
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



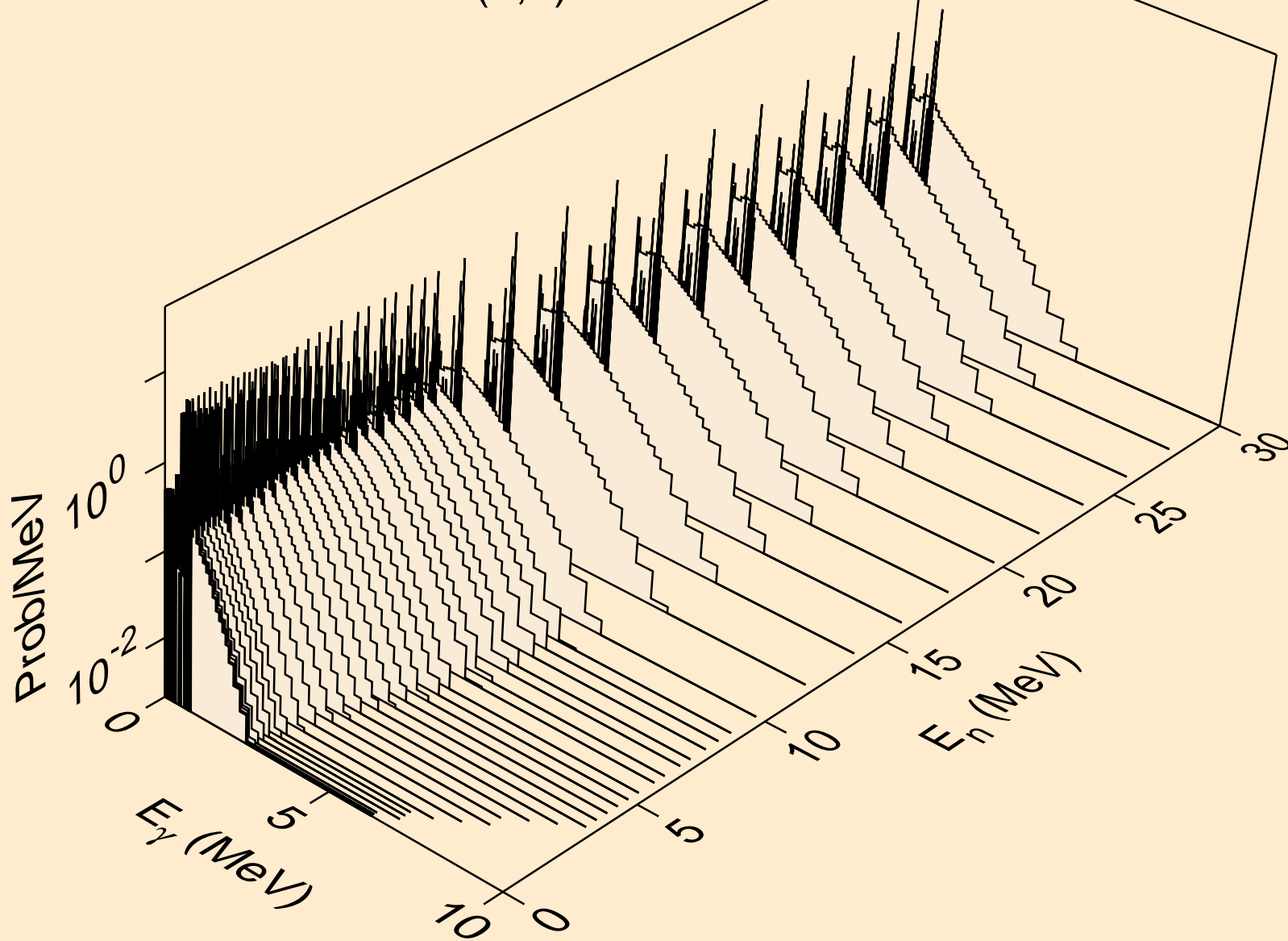
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



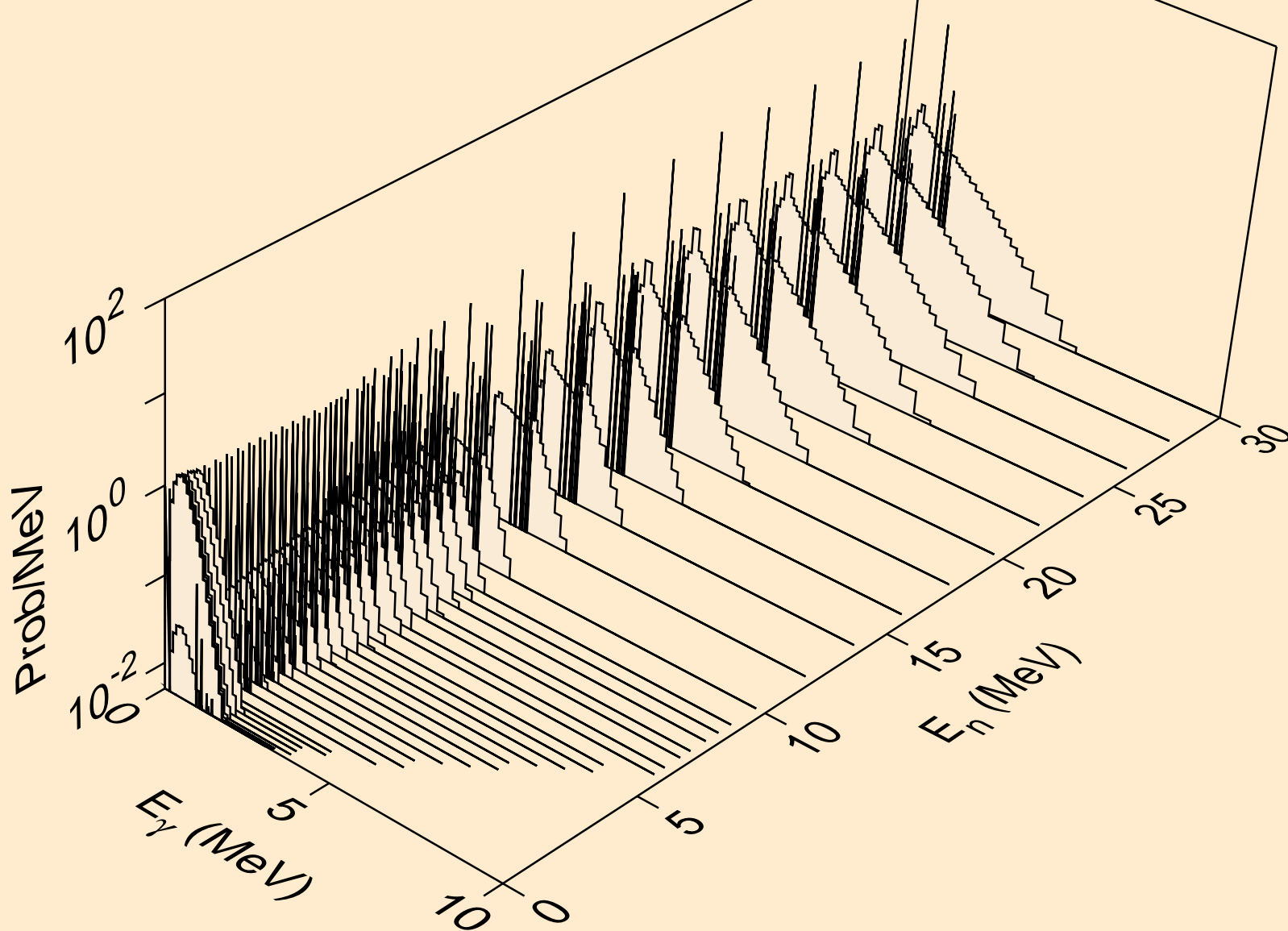
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



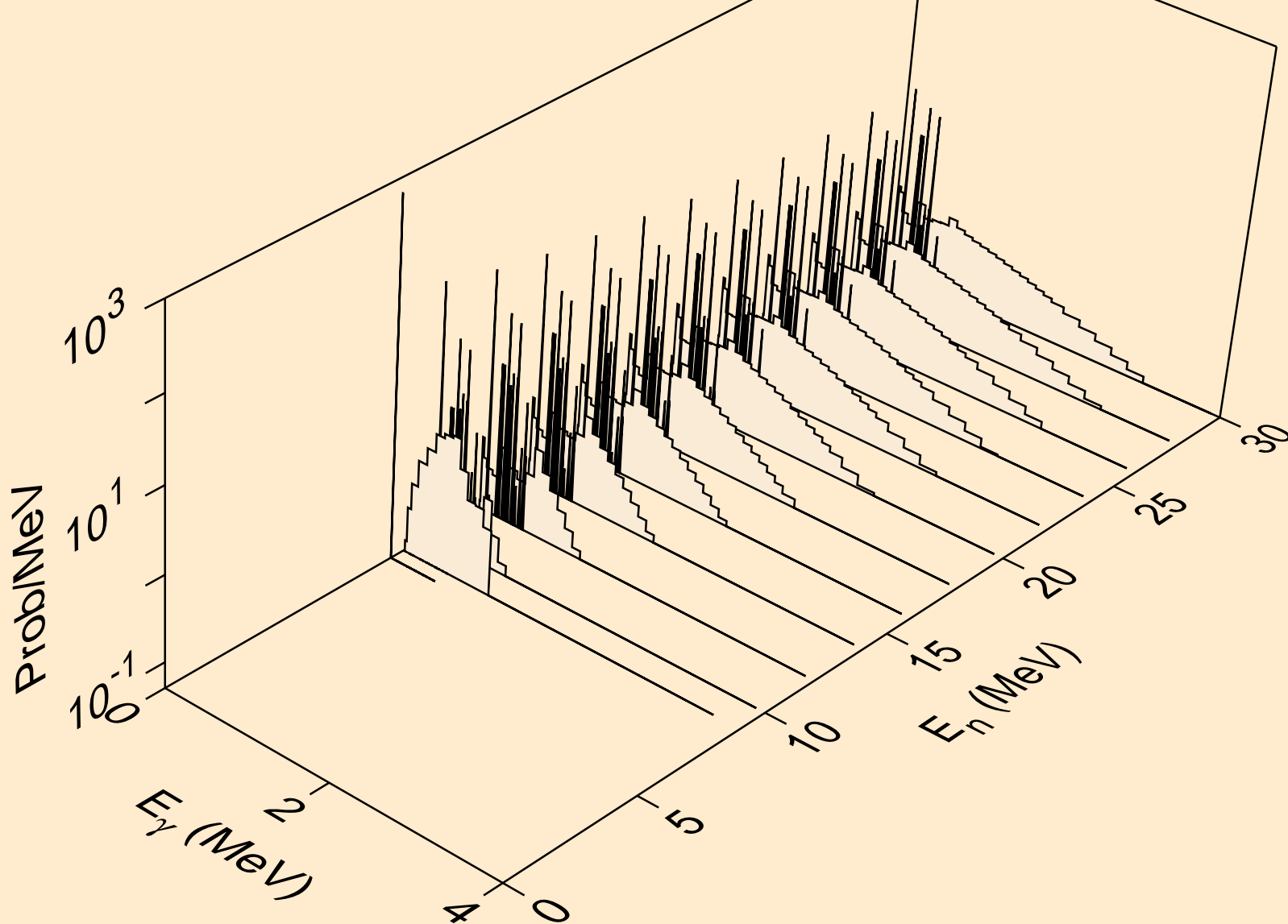
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



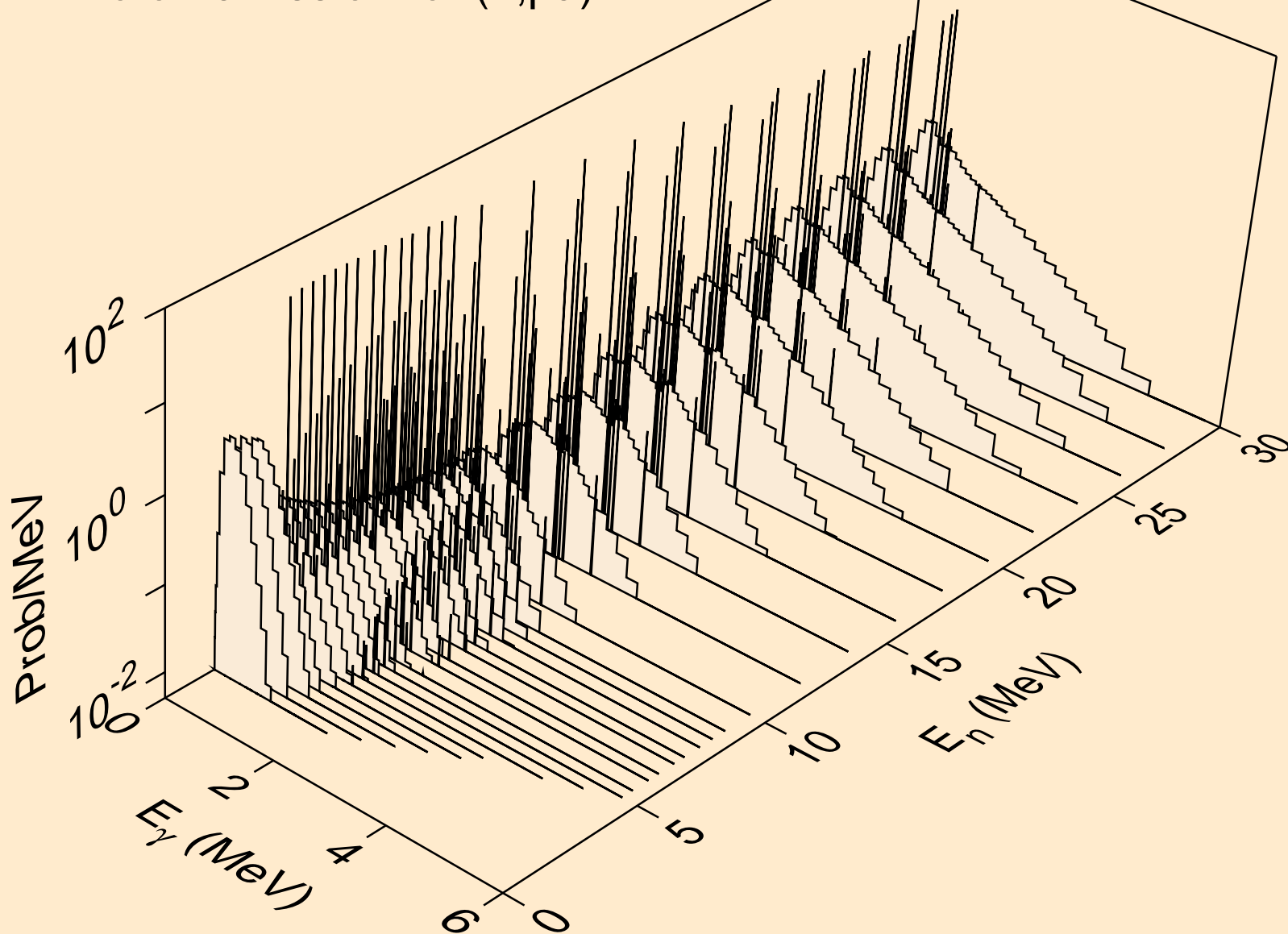
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



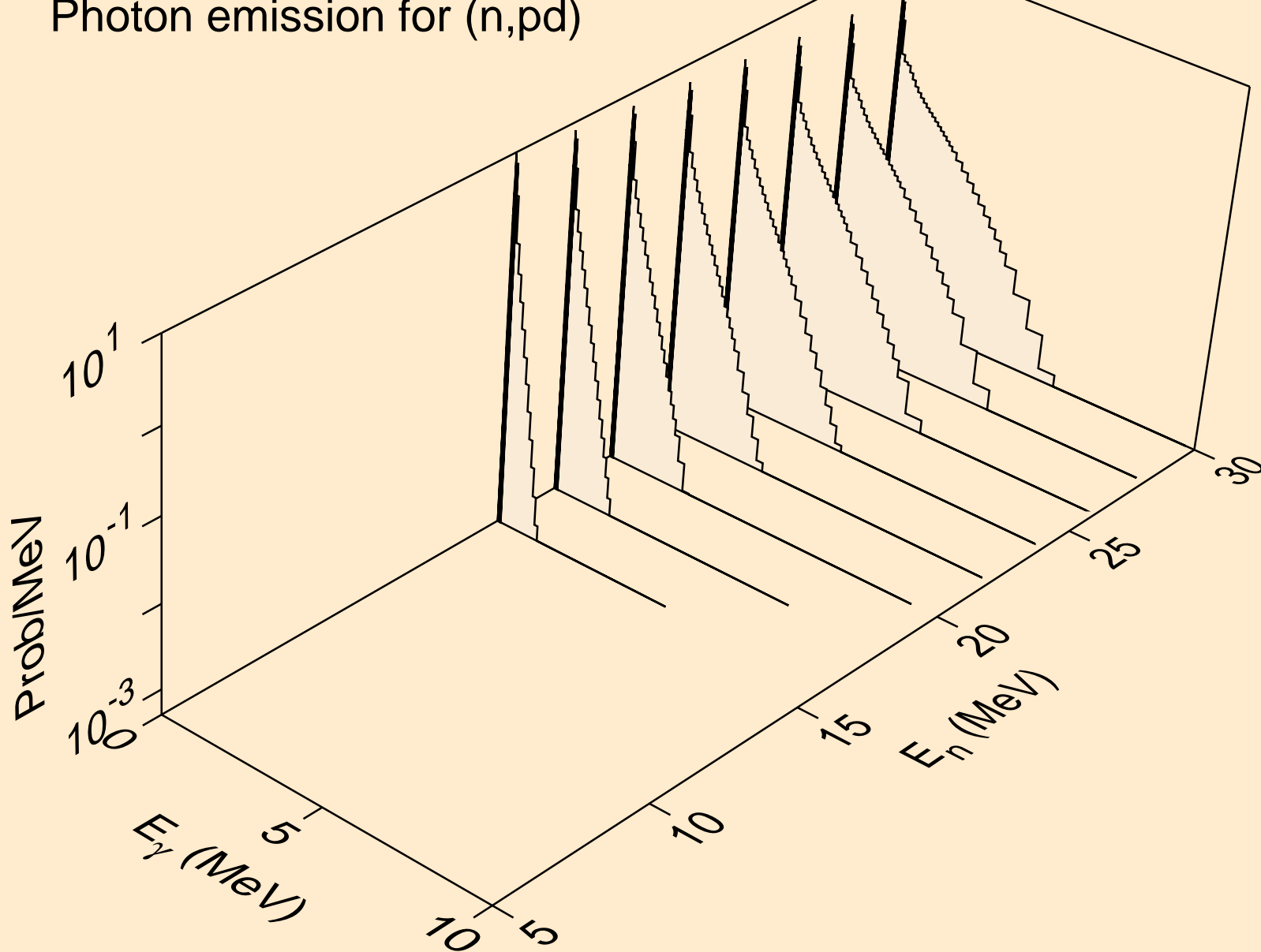
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



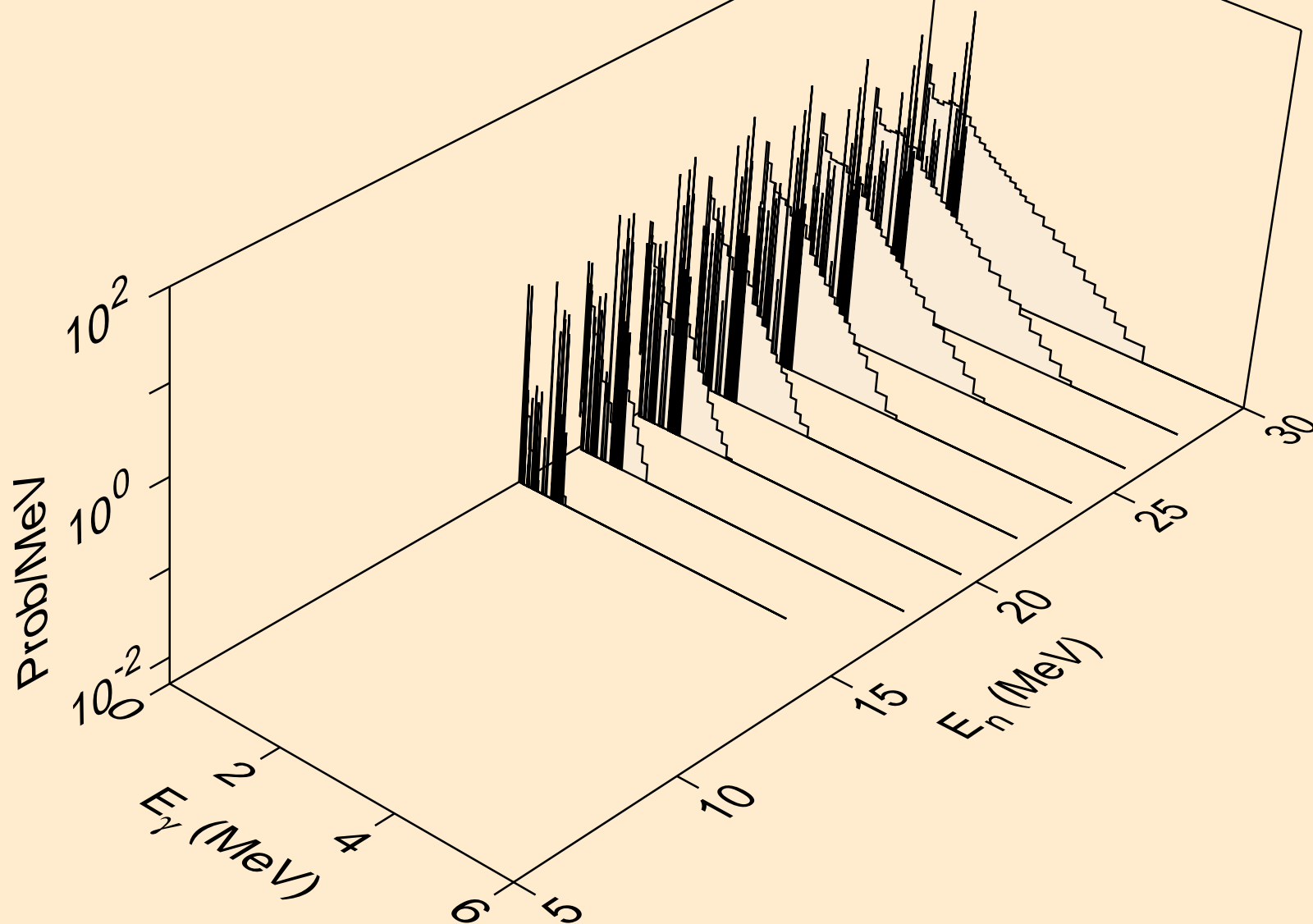
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



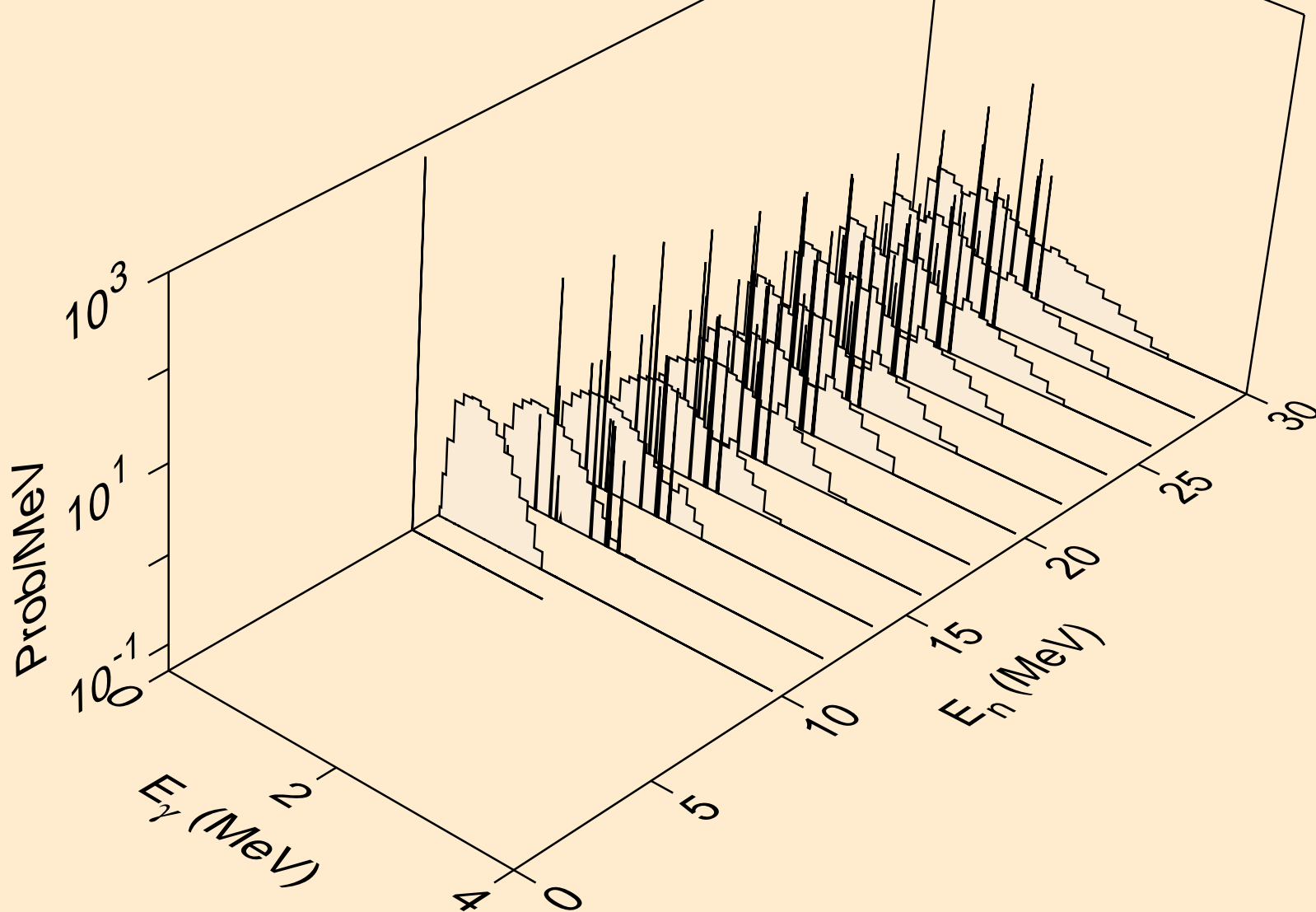
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



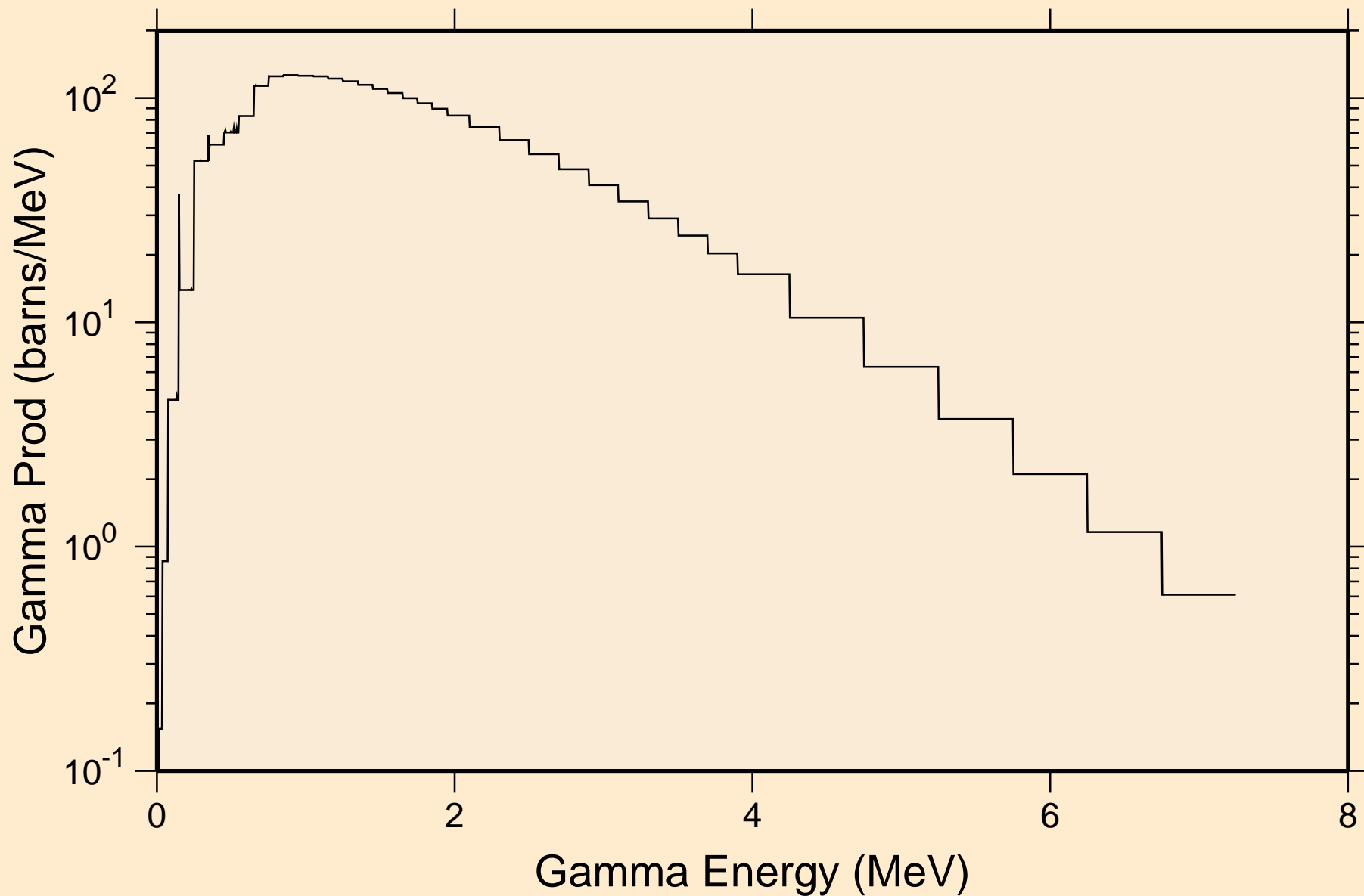
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



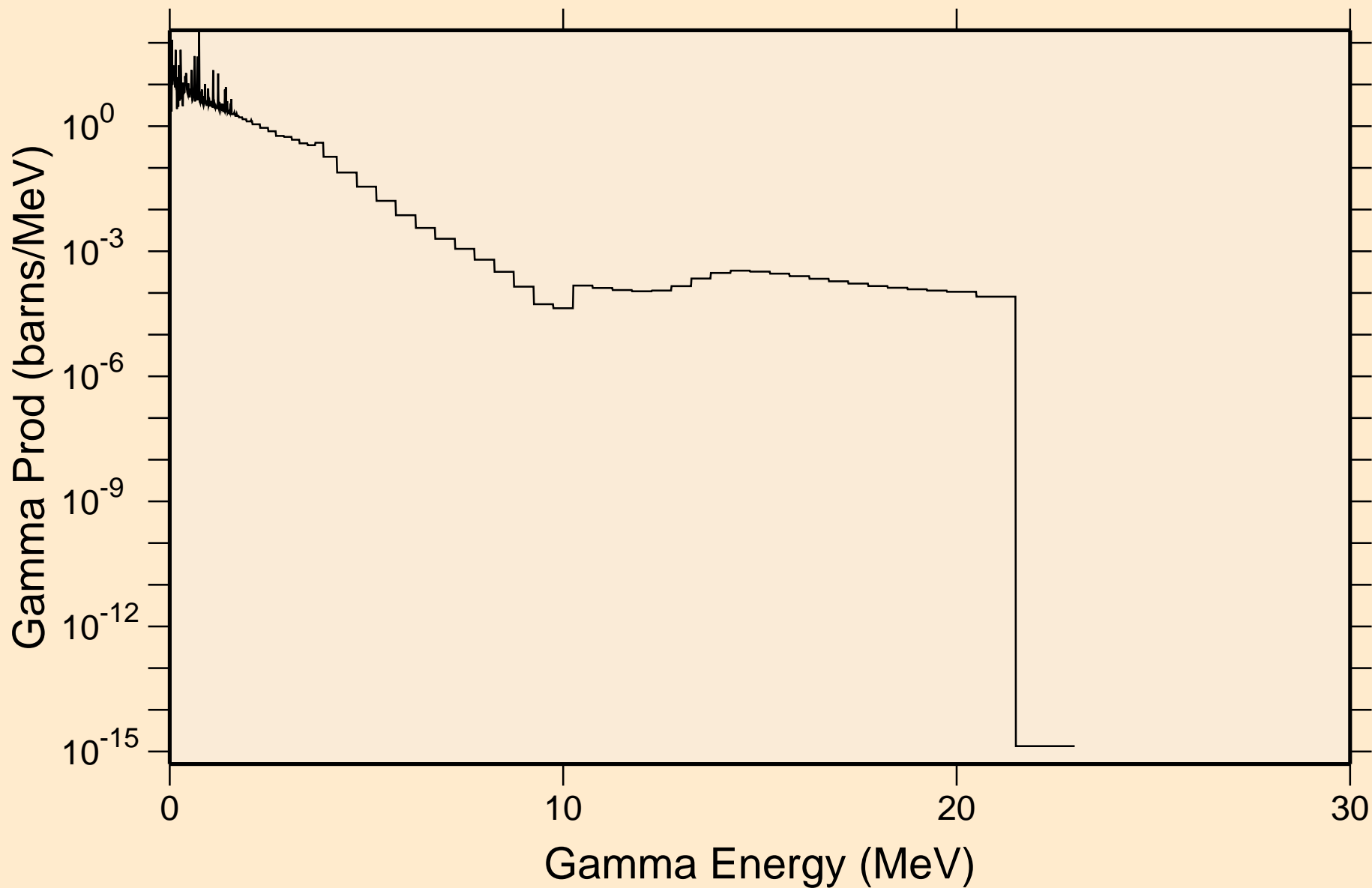
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

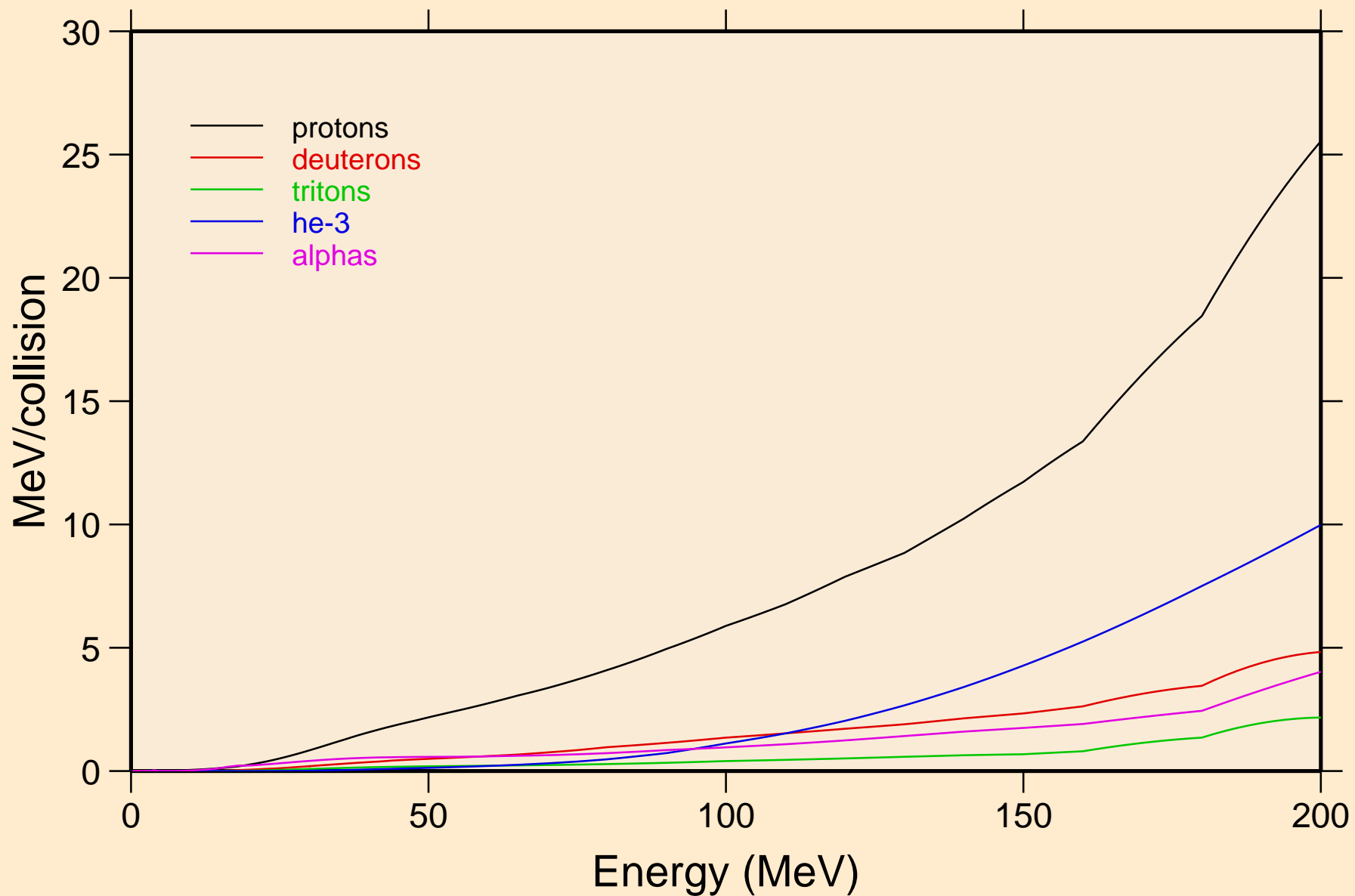


EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

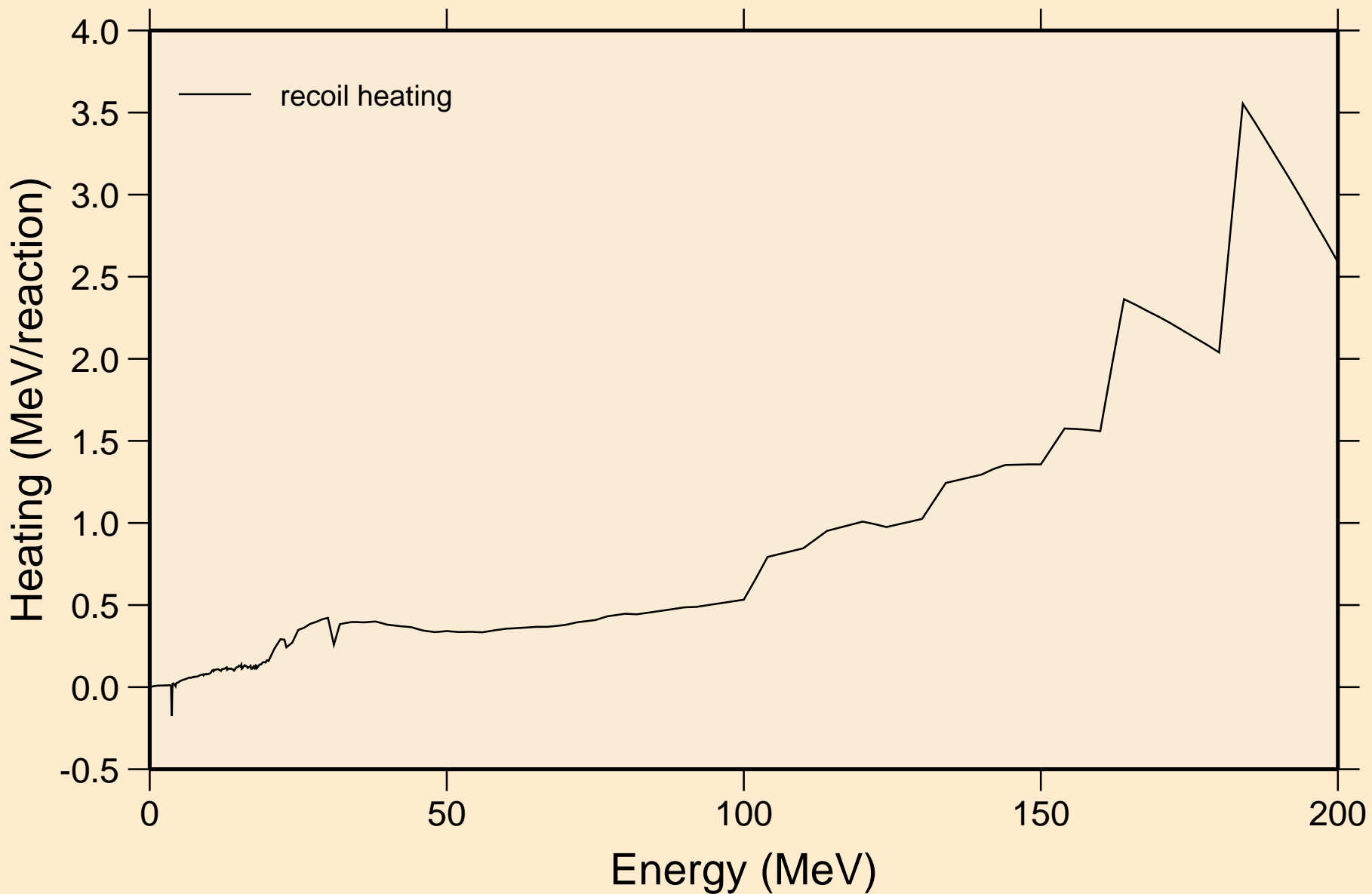


EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

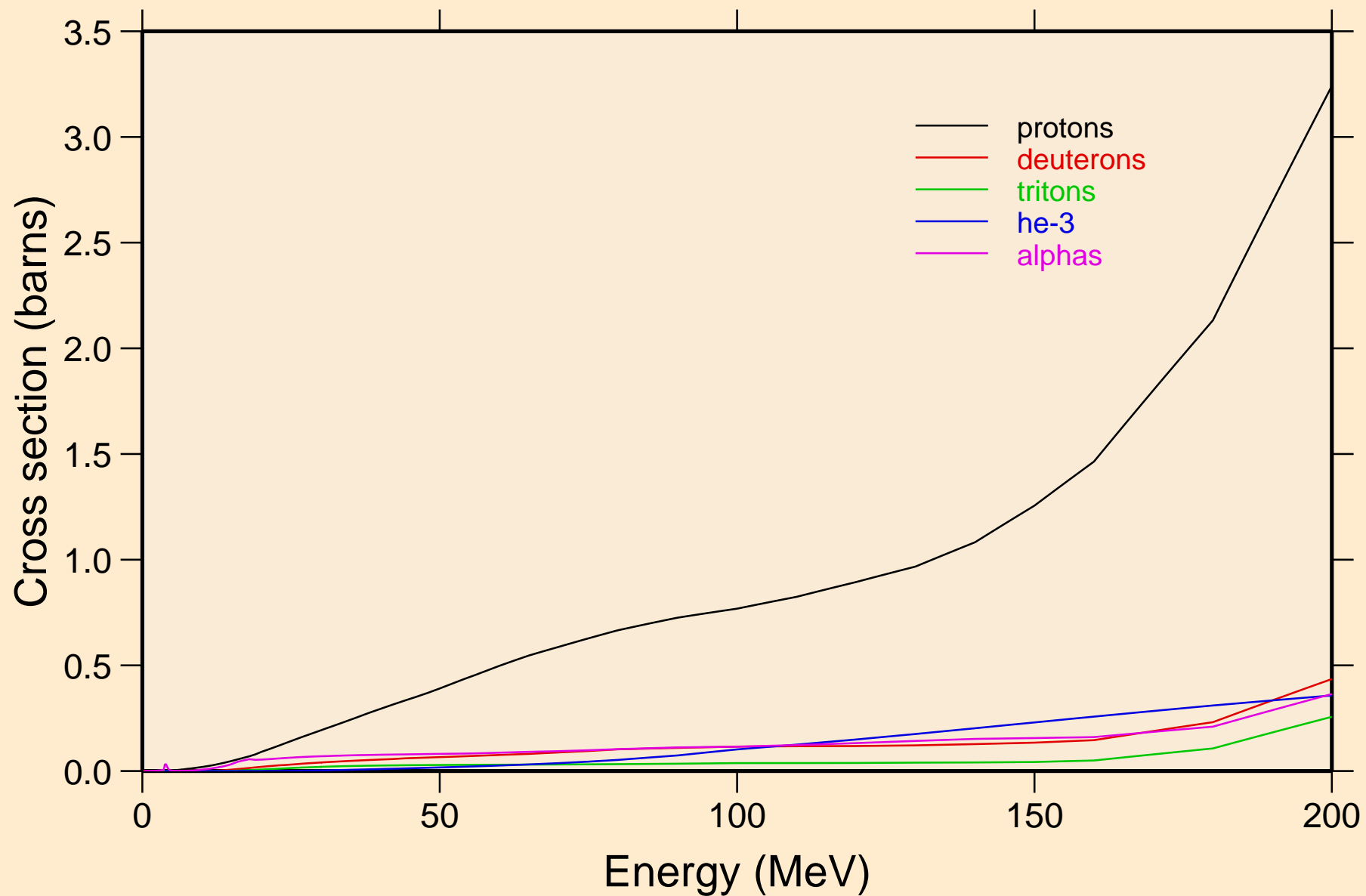
Particle heating contributions



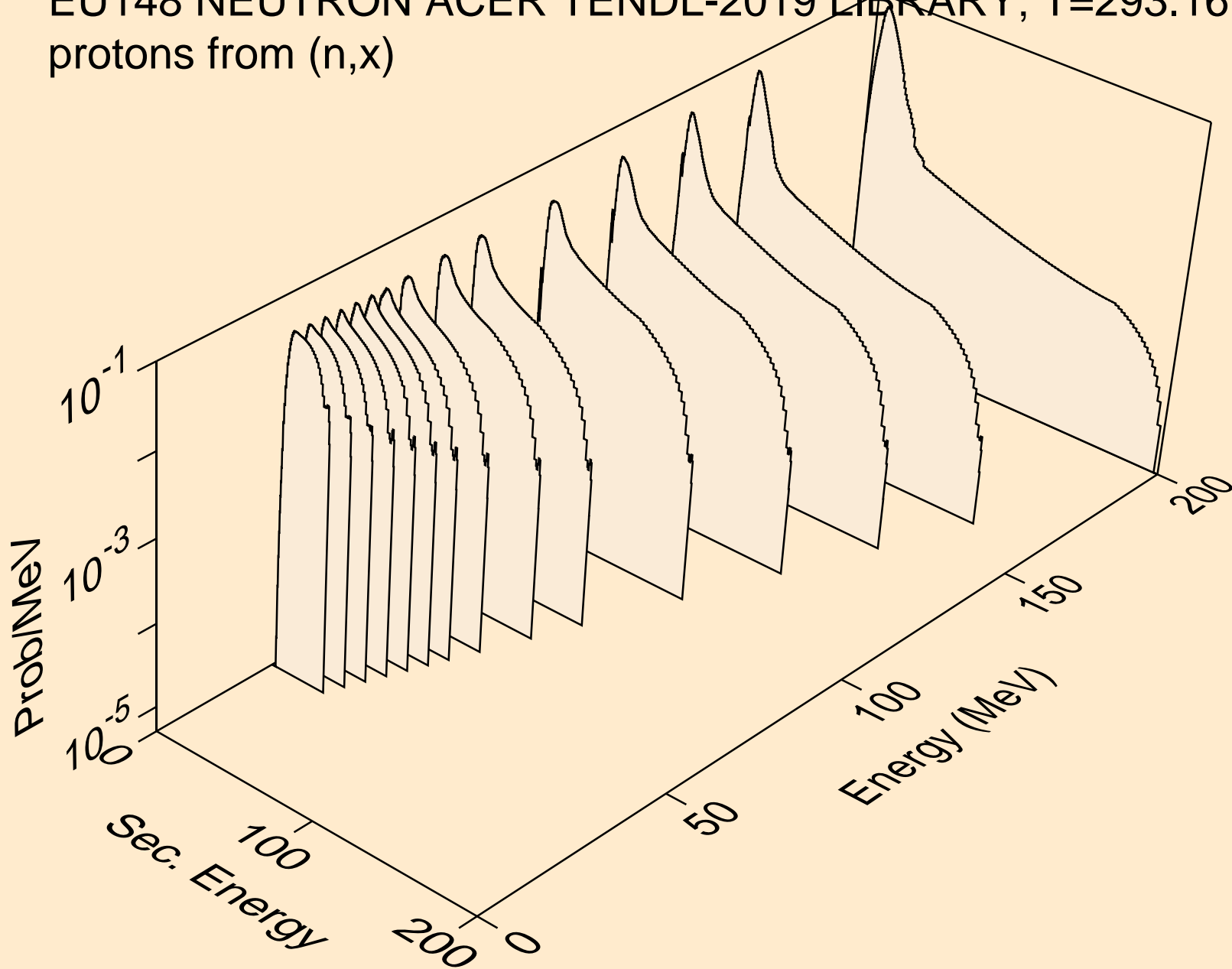
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating



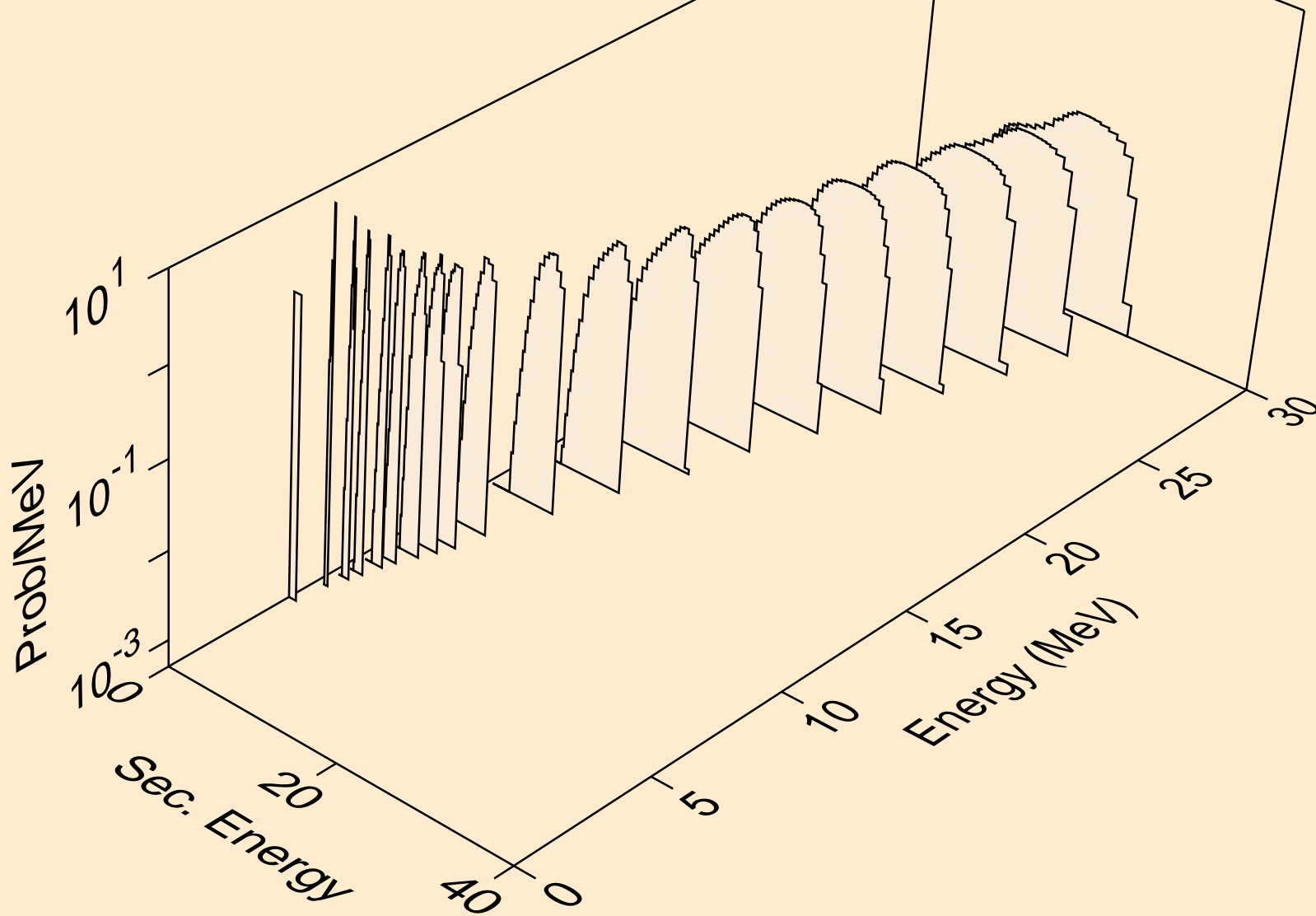
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Particle production cross sections



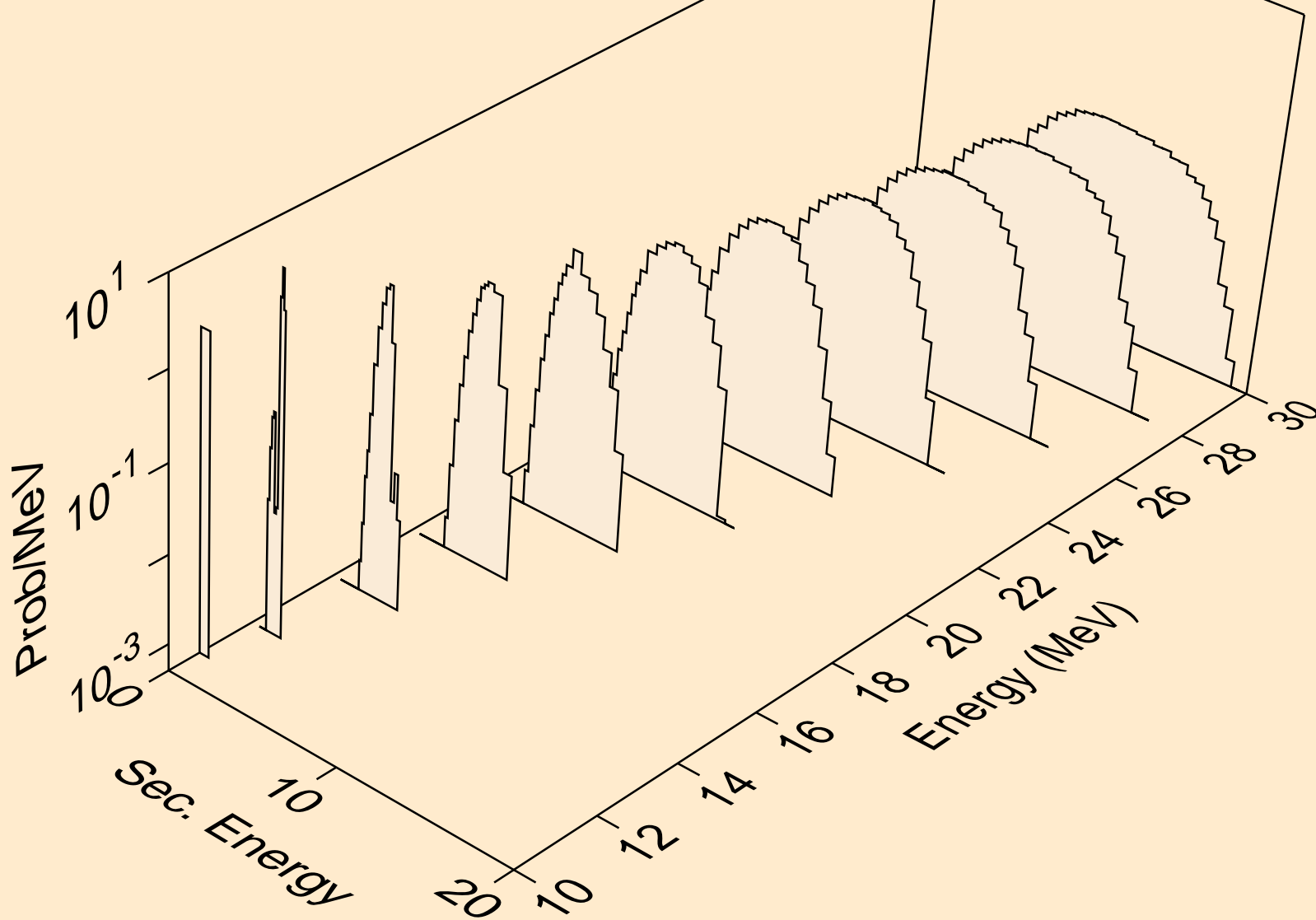
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



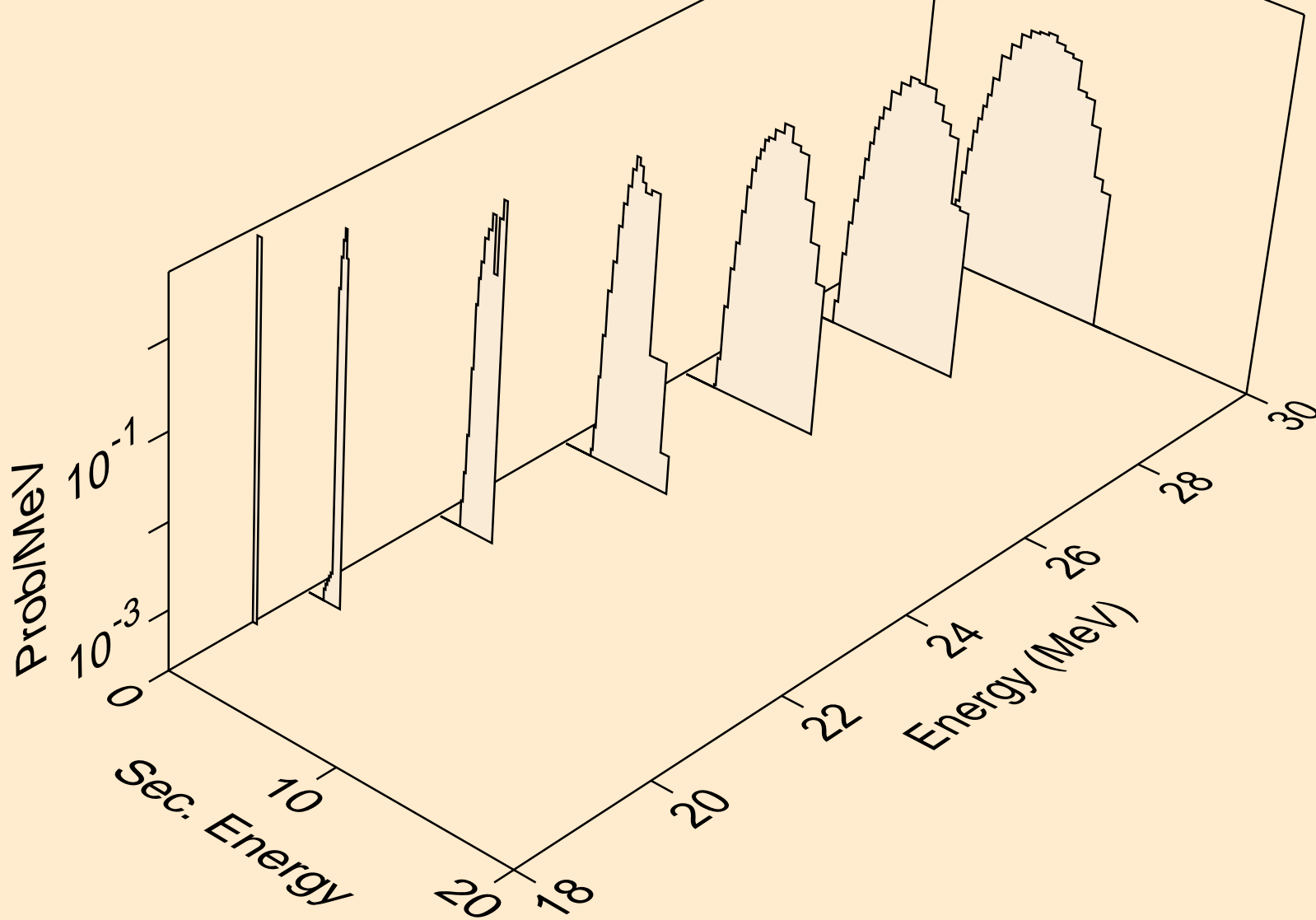
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



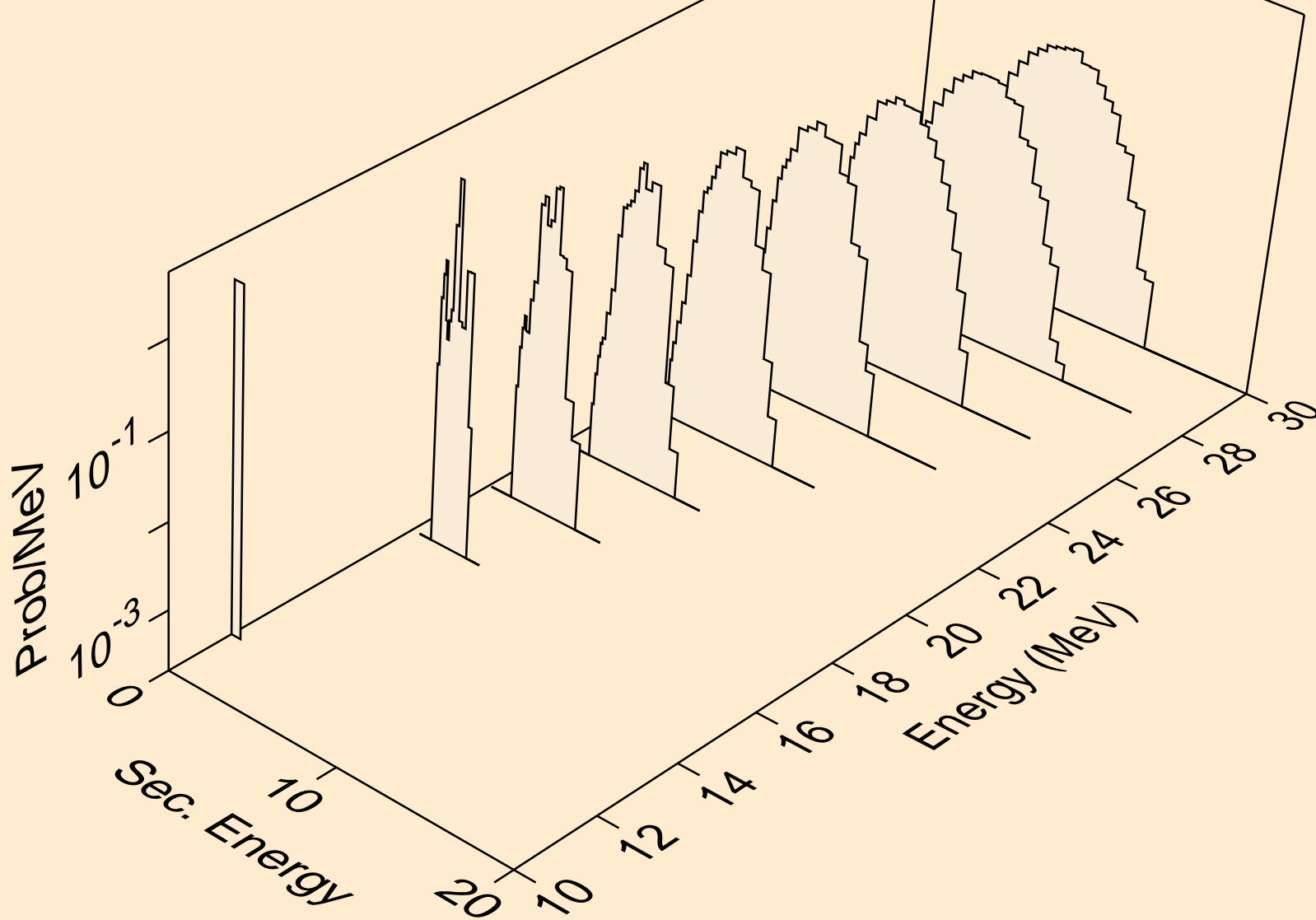
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



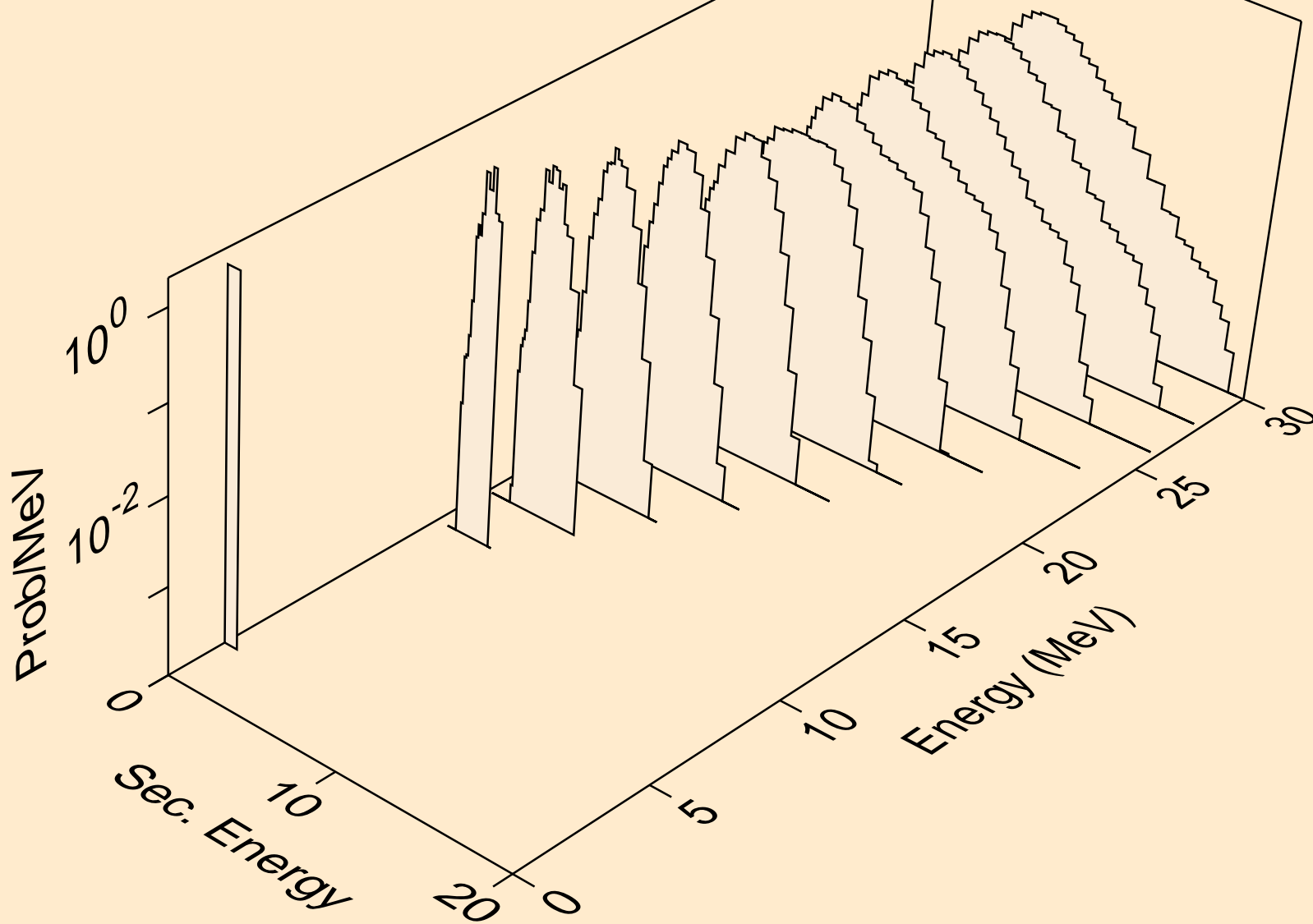
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



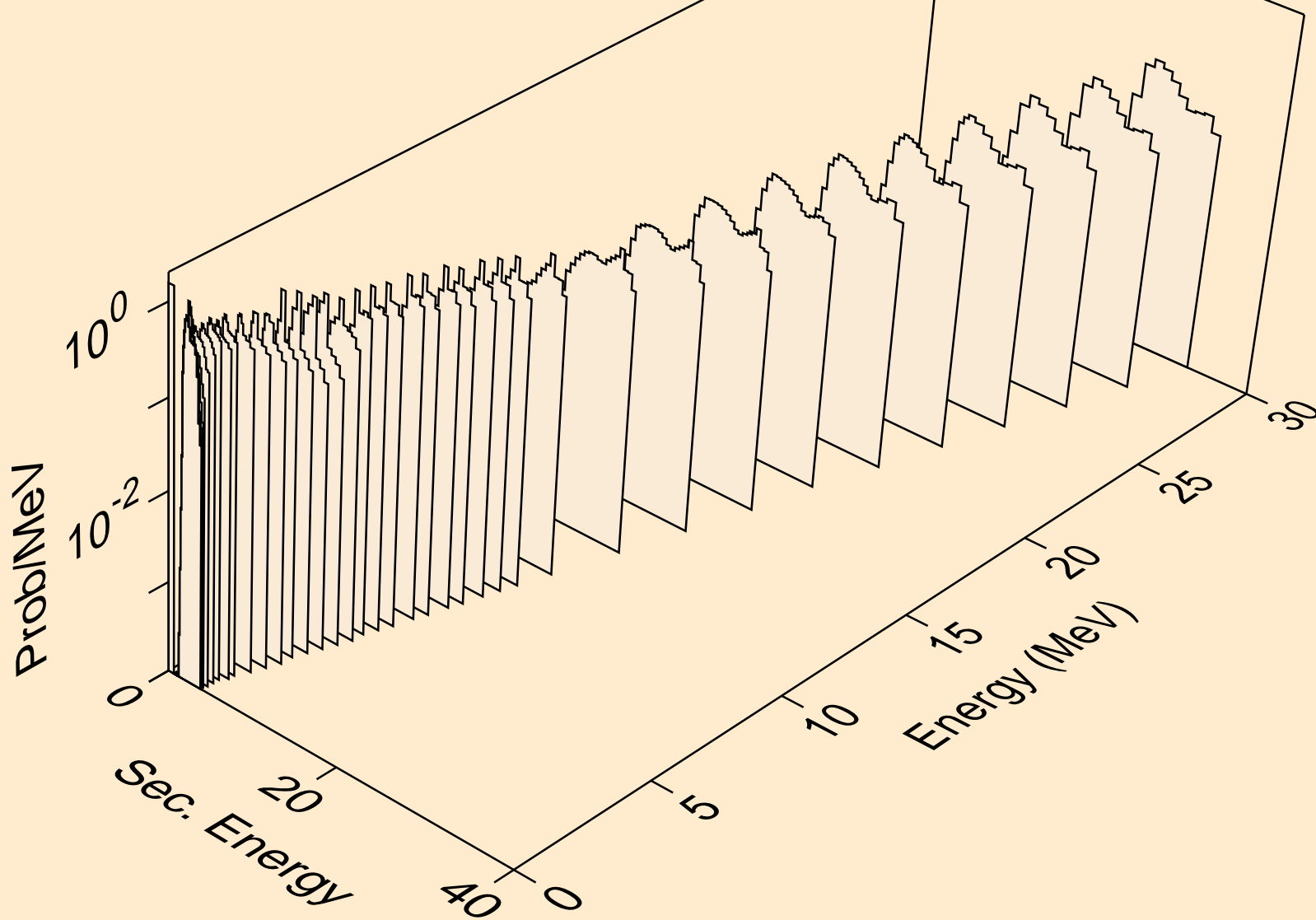
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



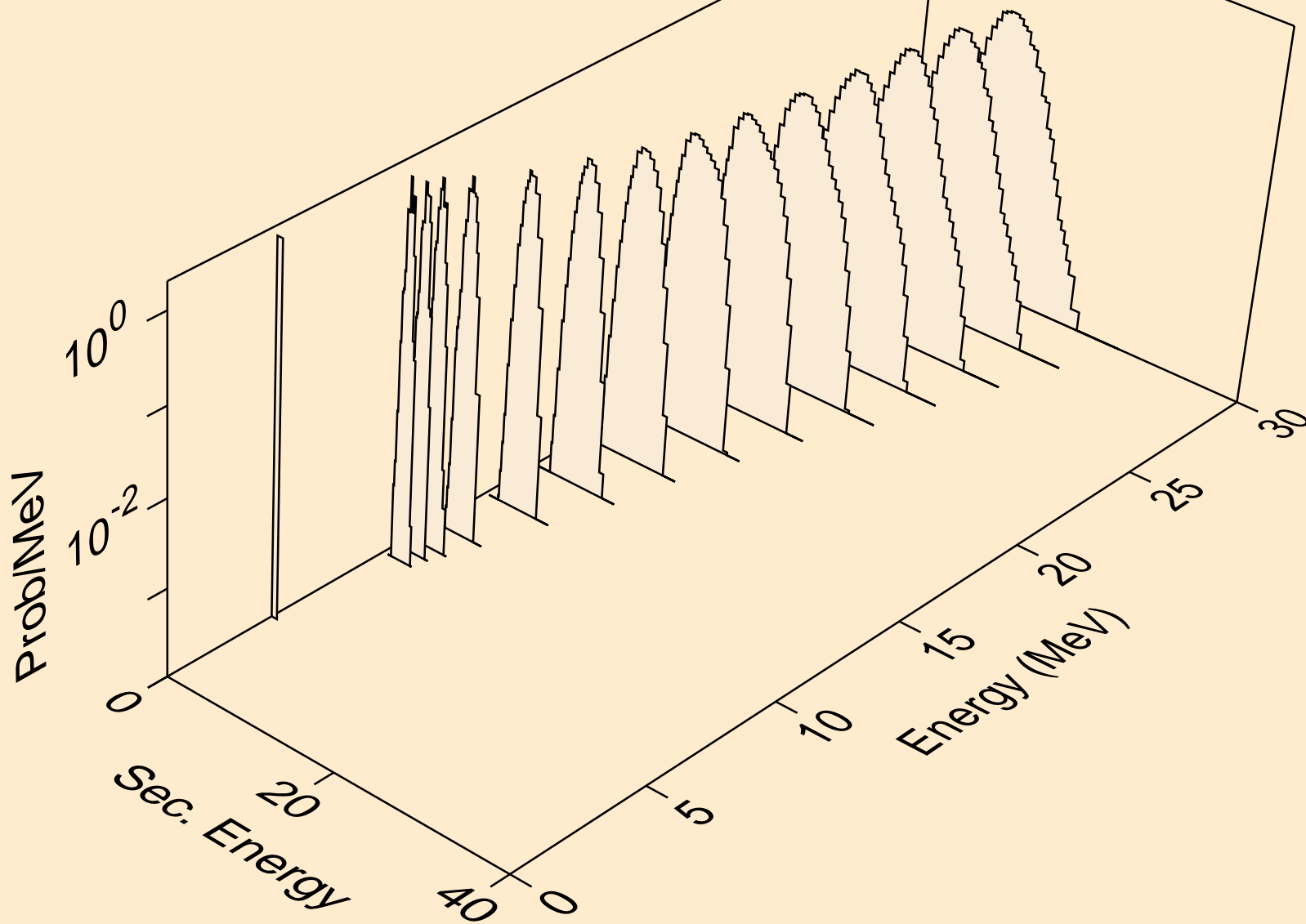
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



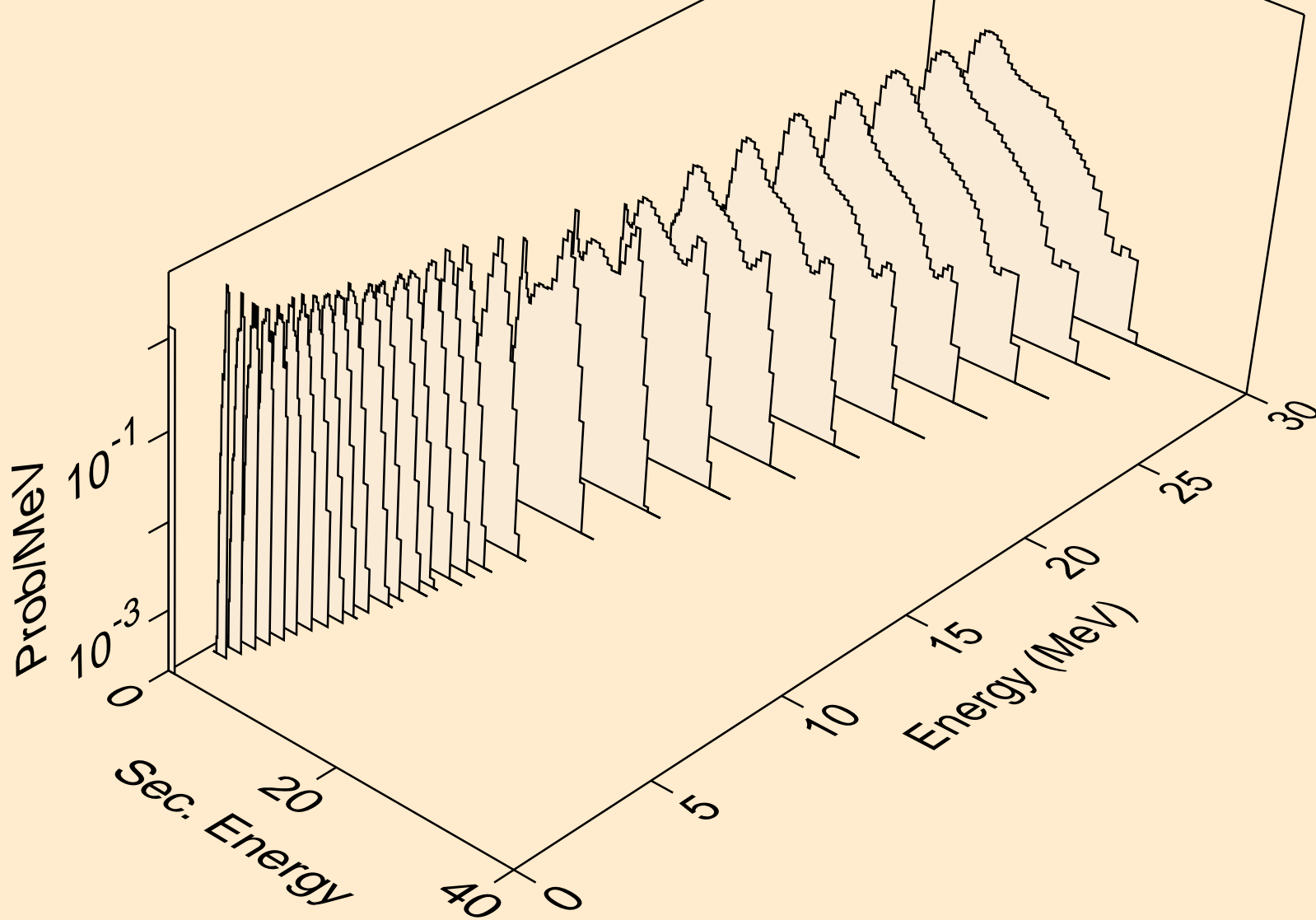
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



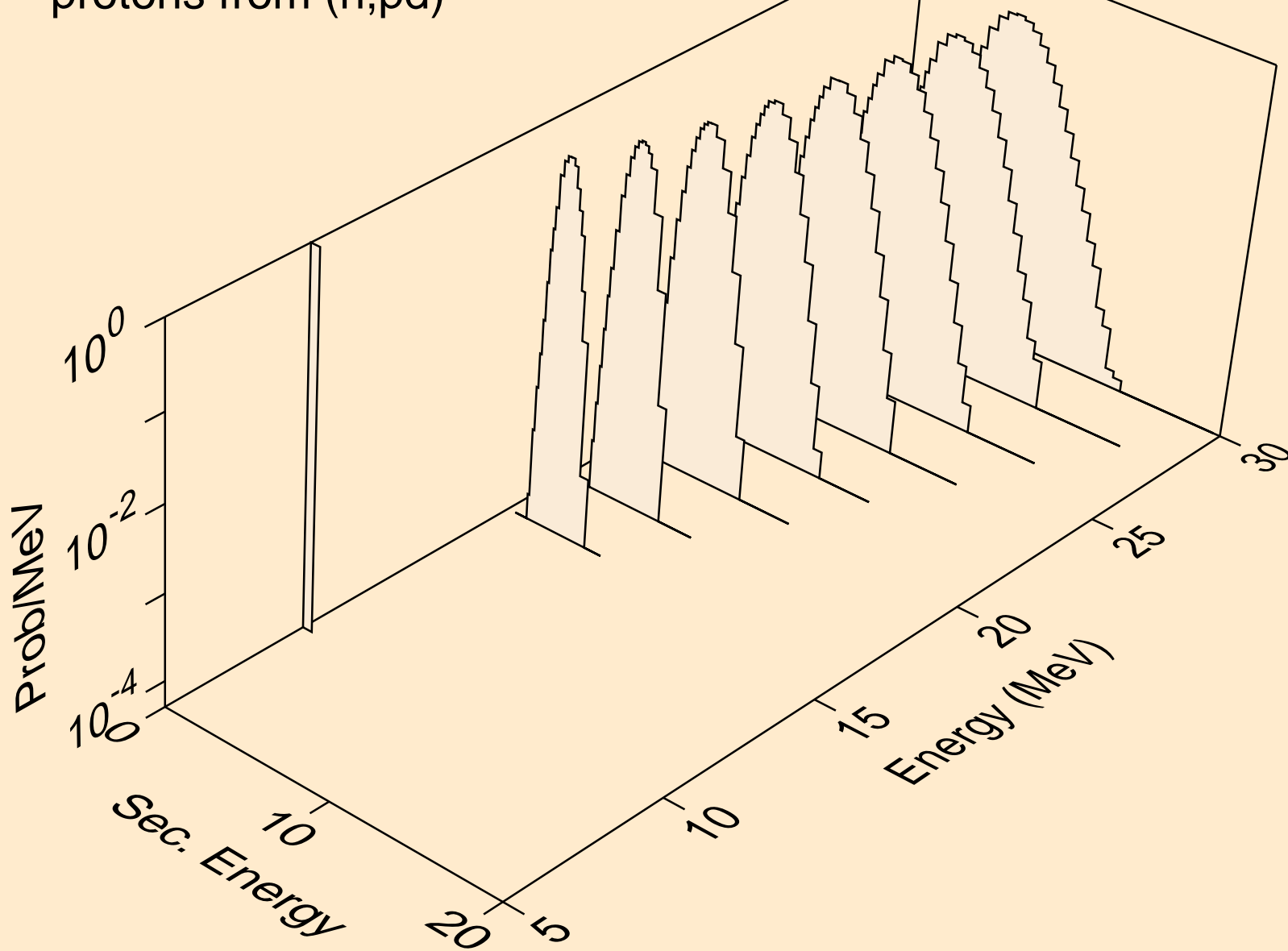
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



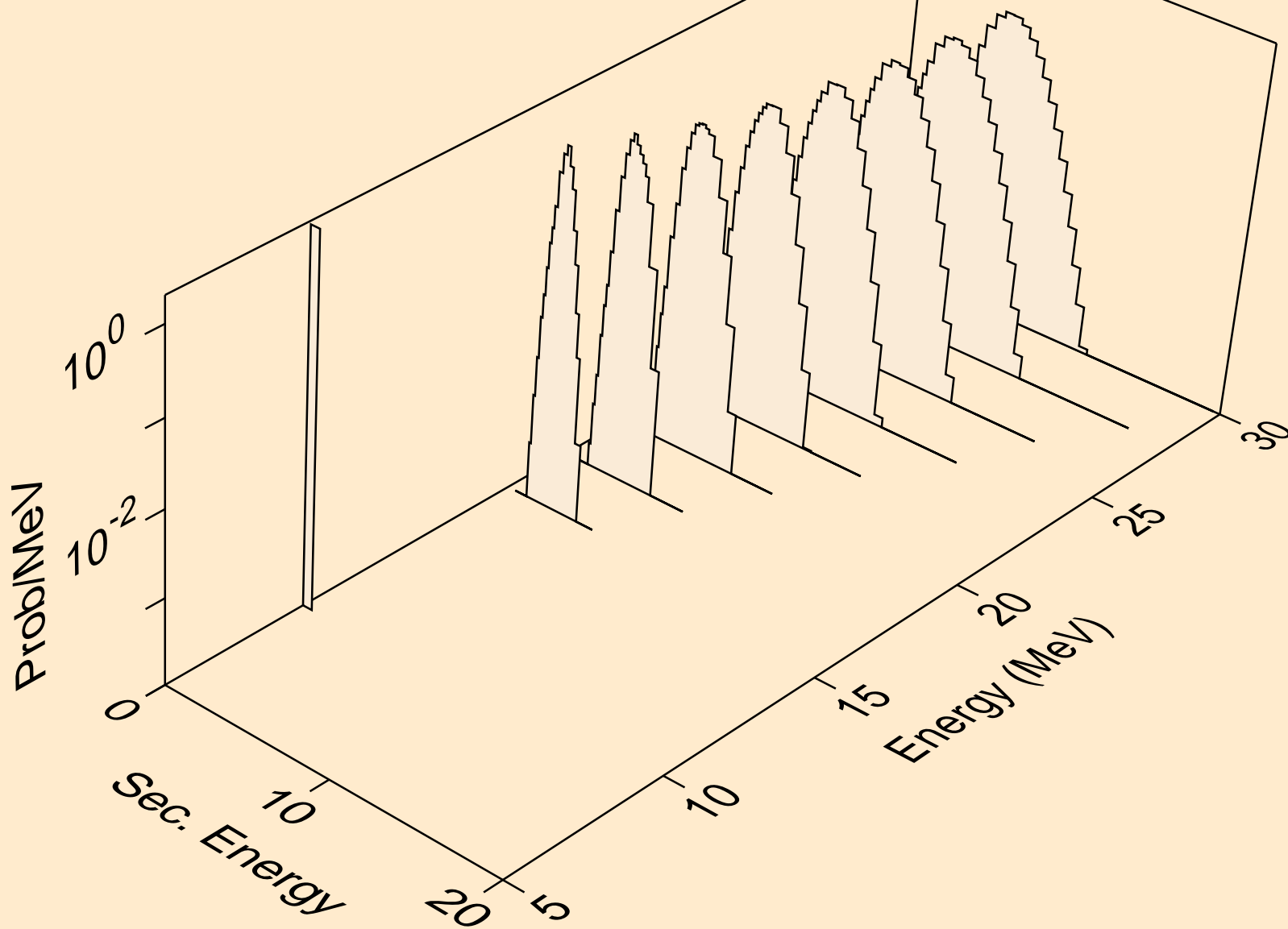
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



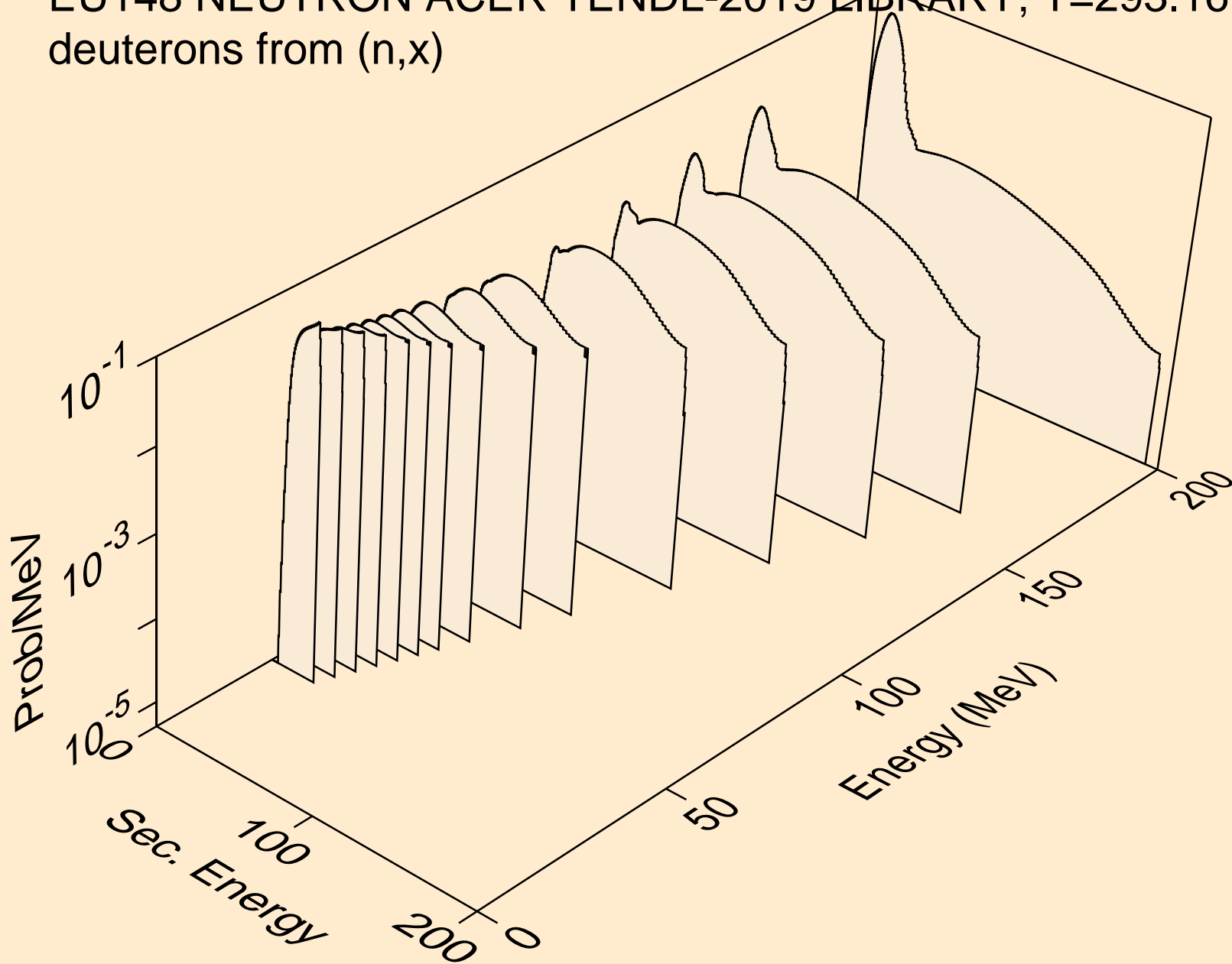
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



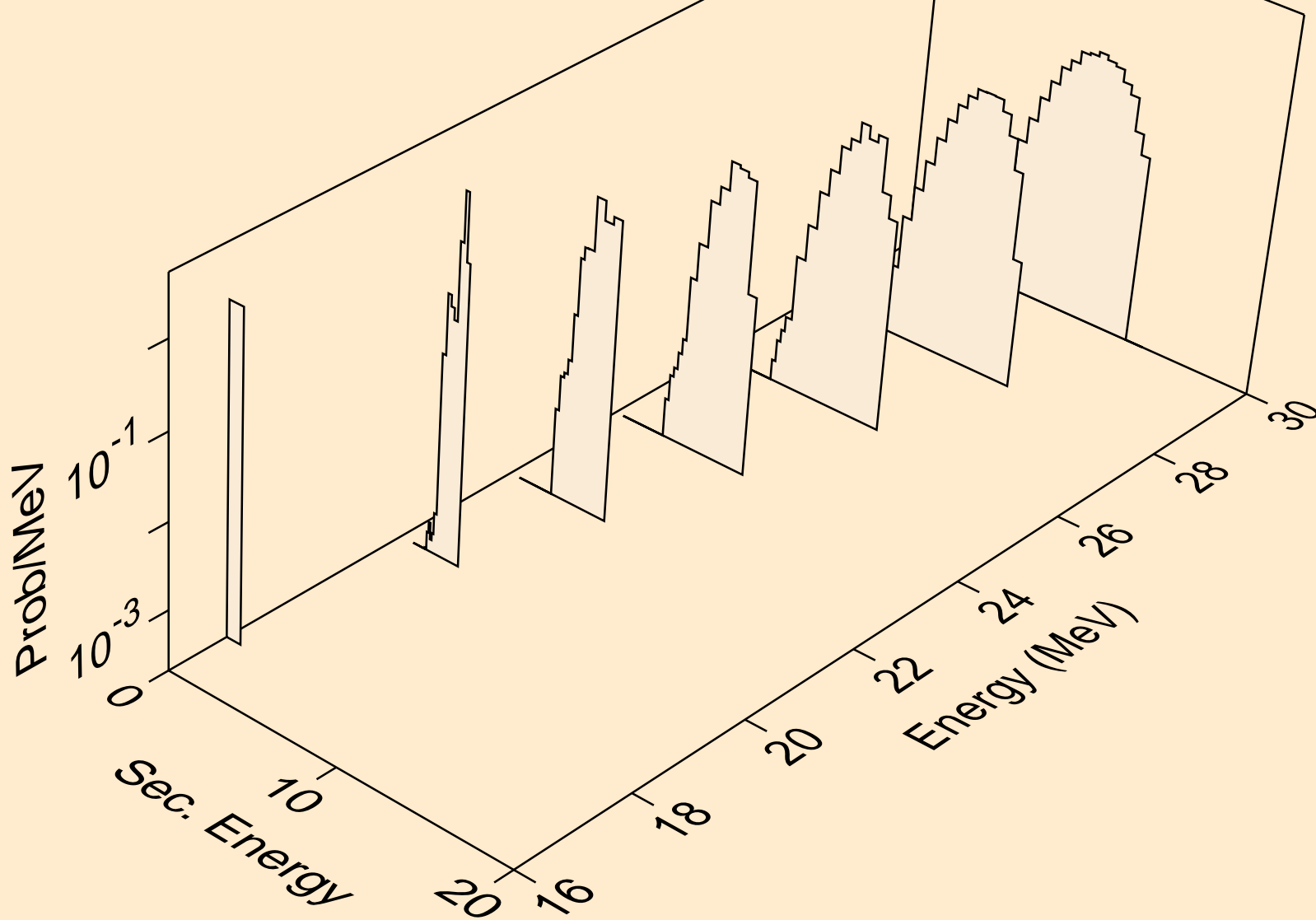
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



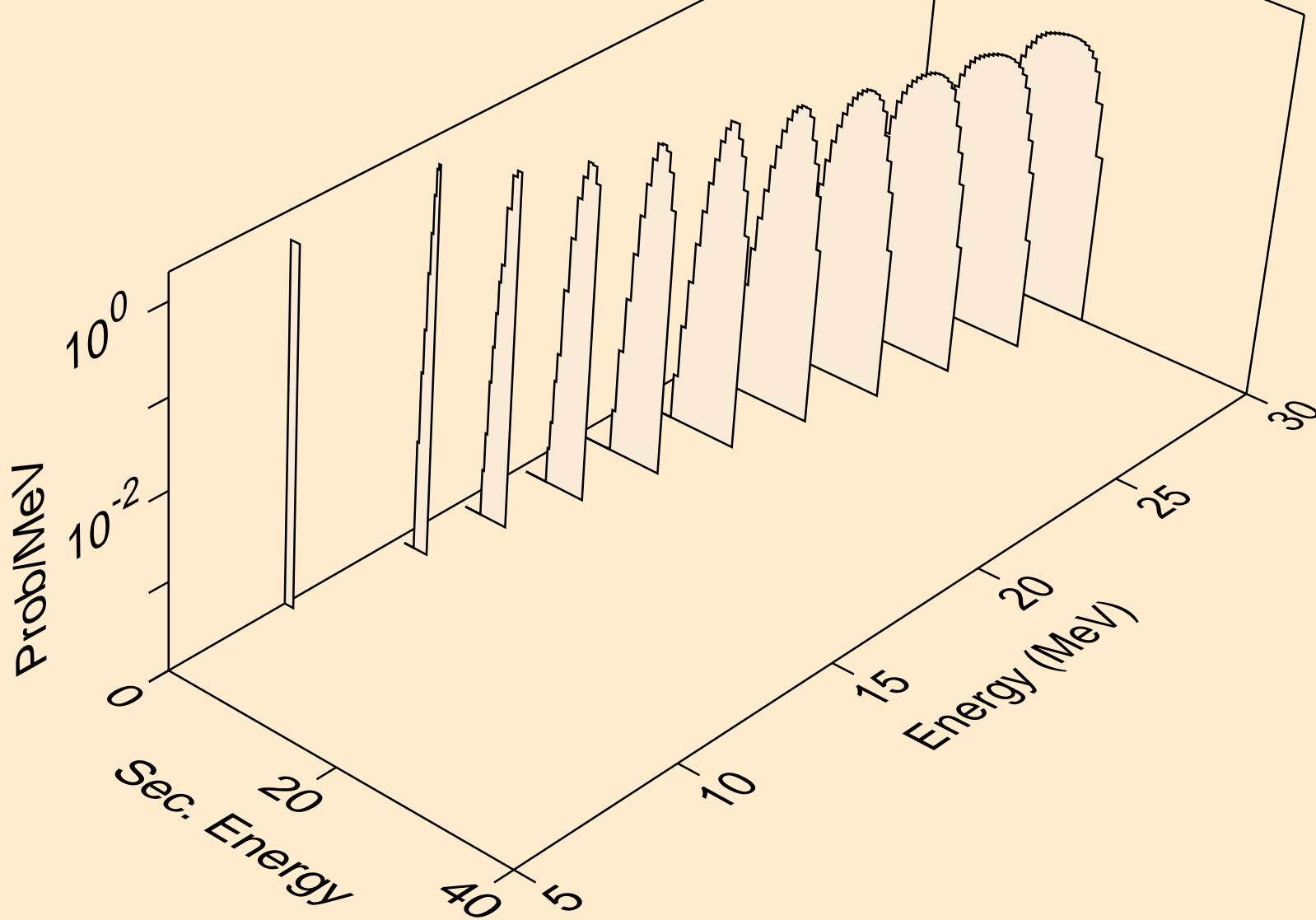
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



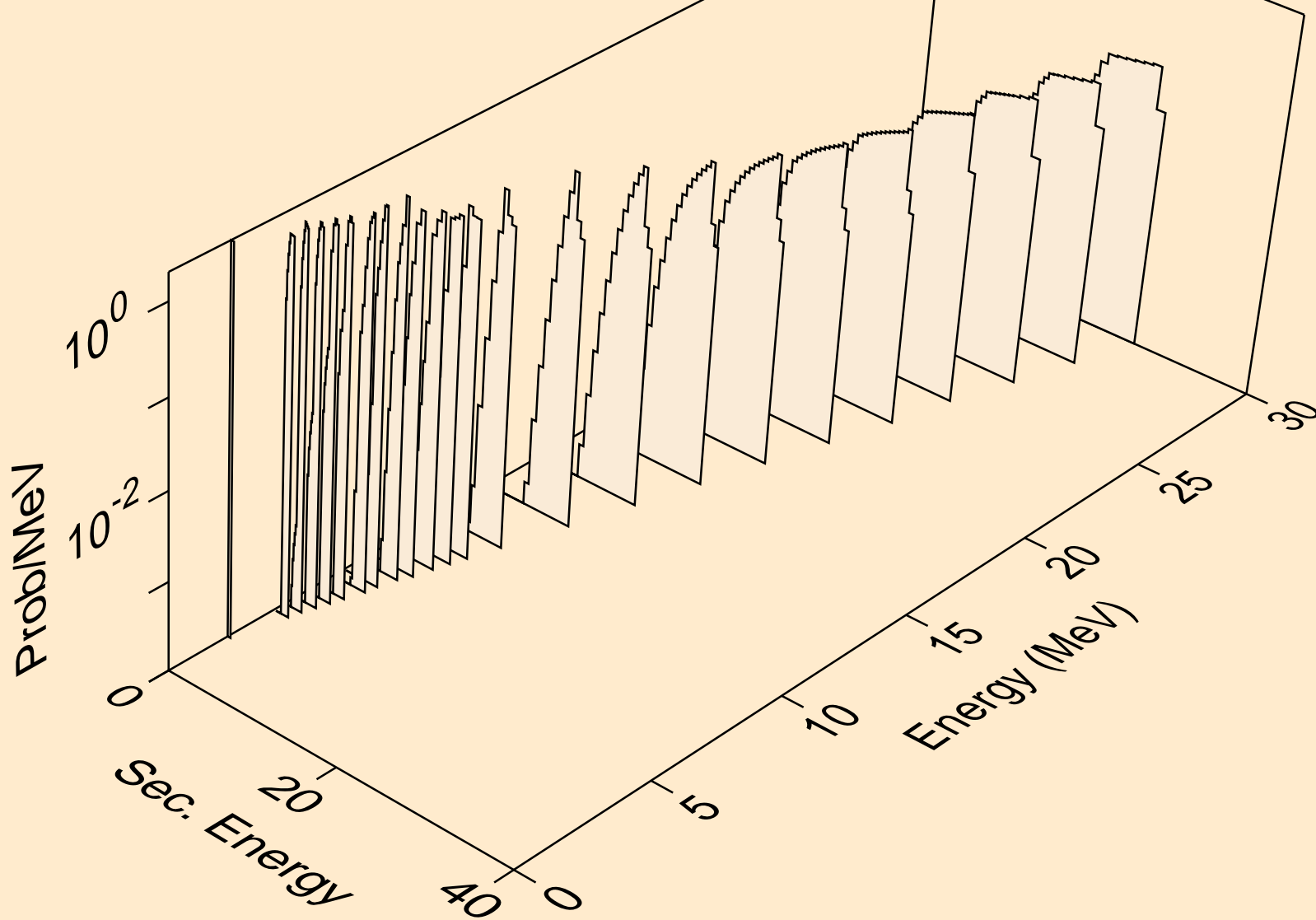
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,2nd)



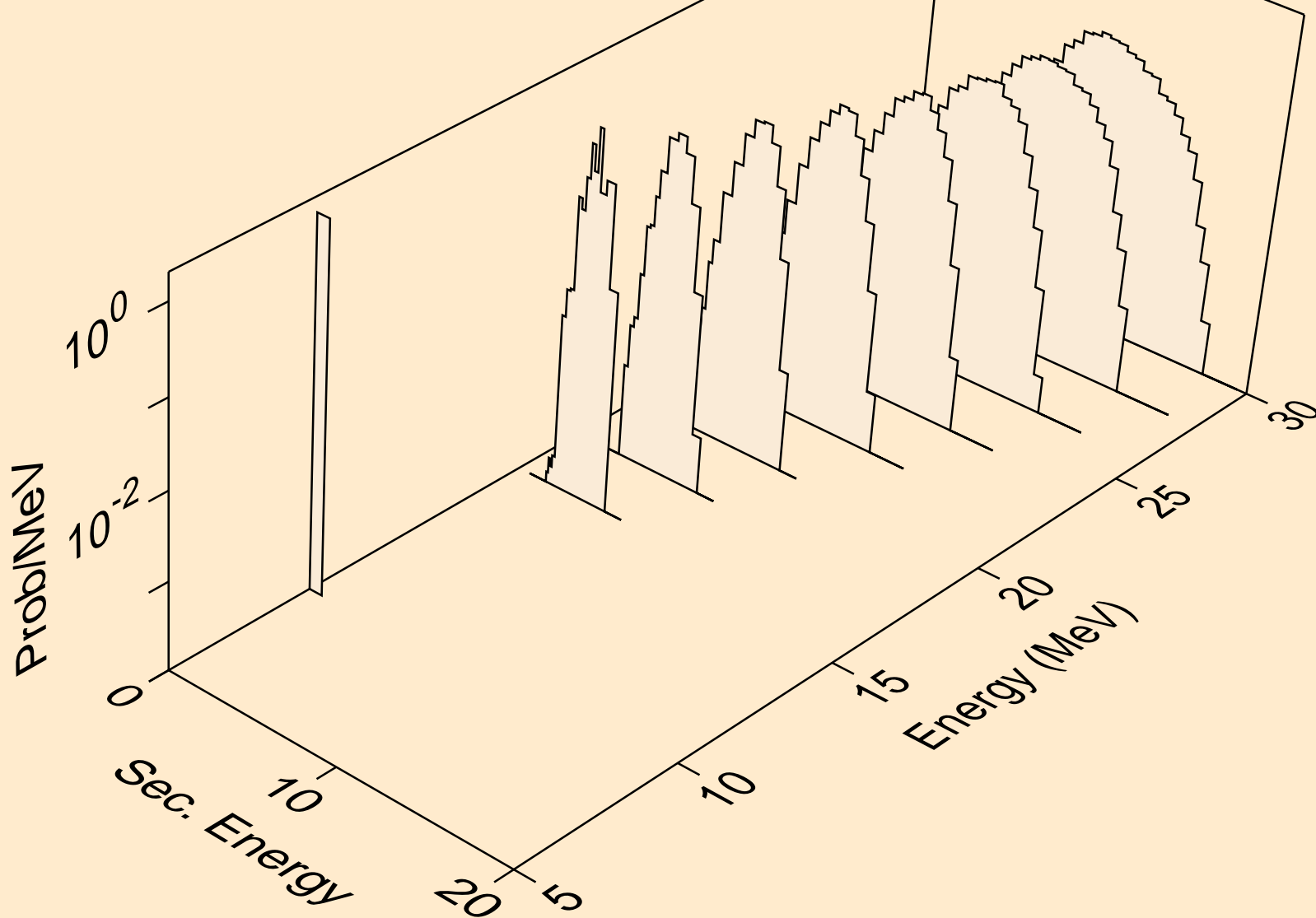
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



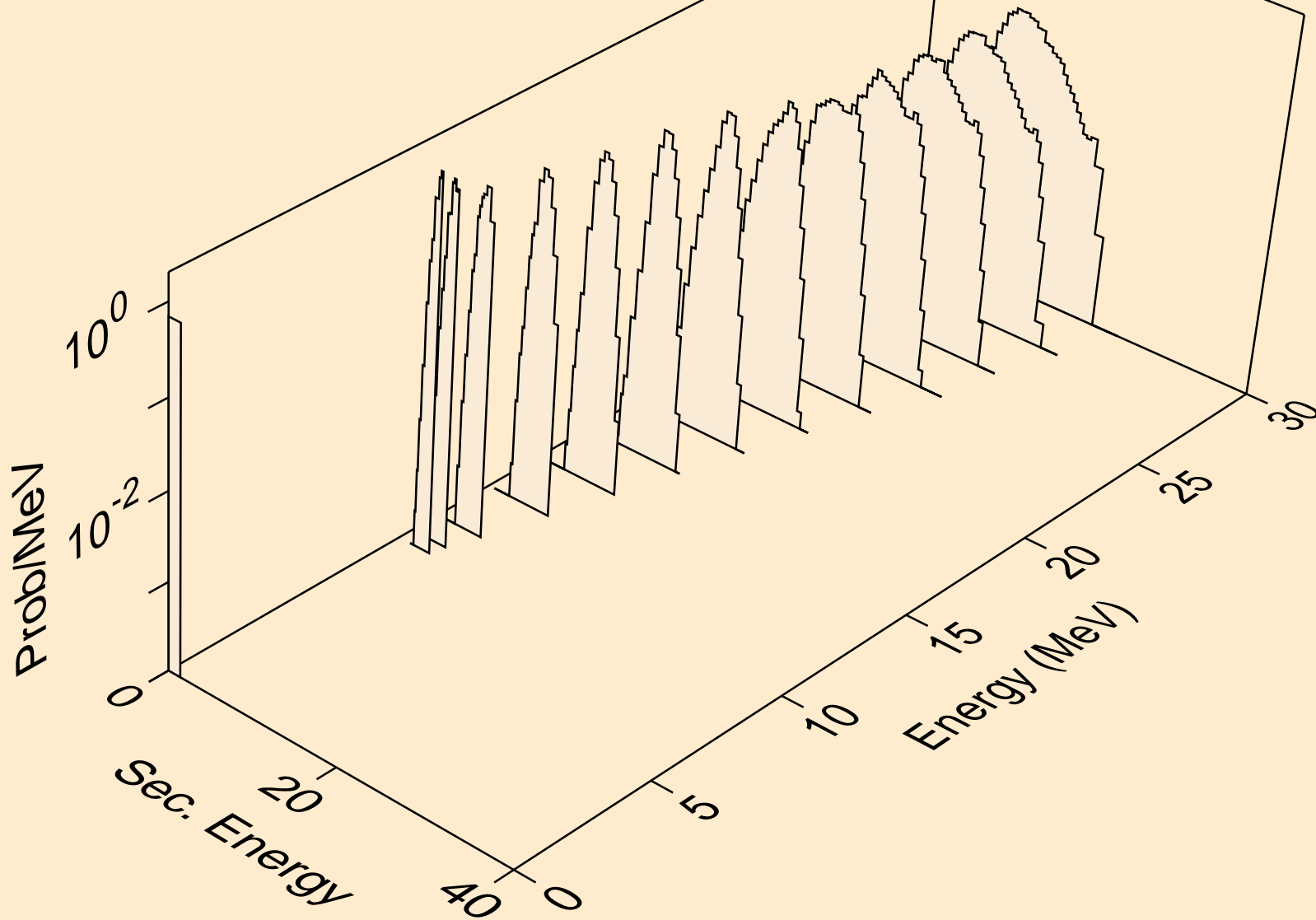
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



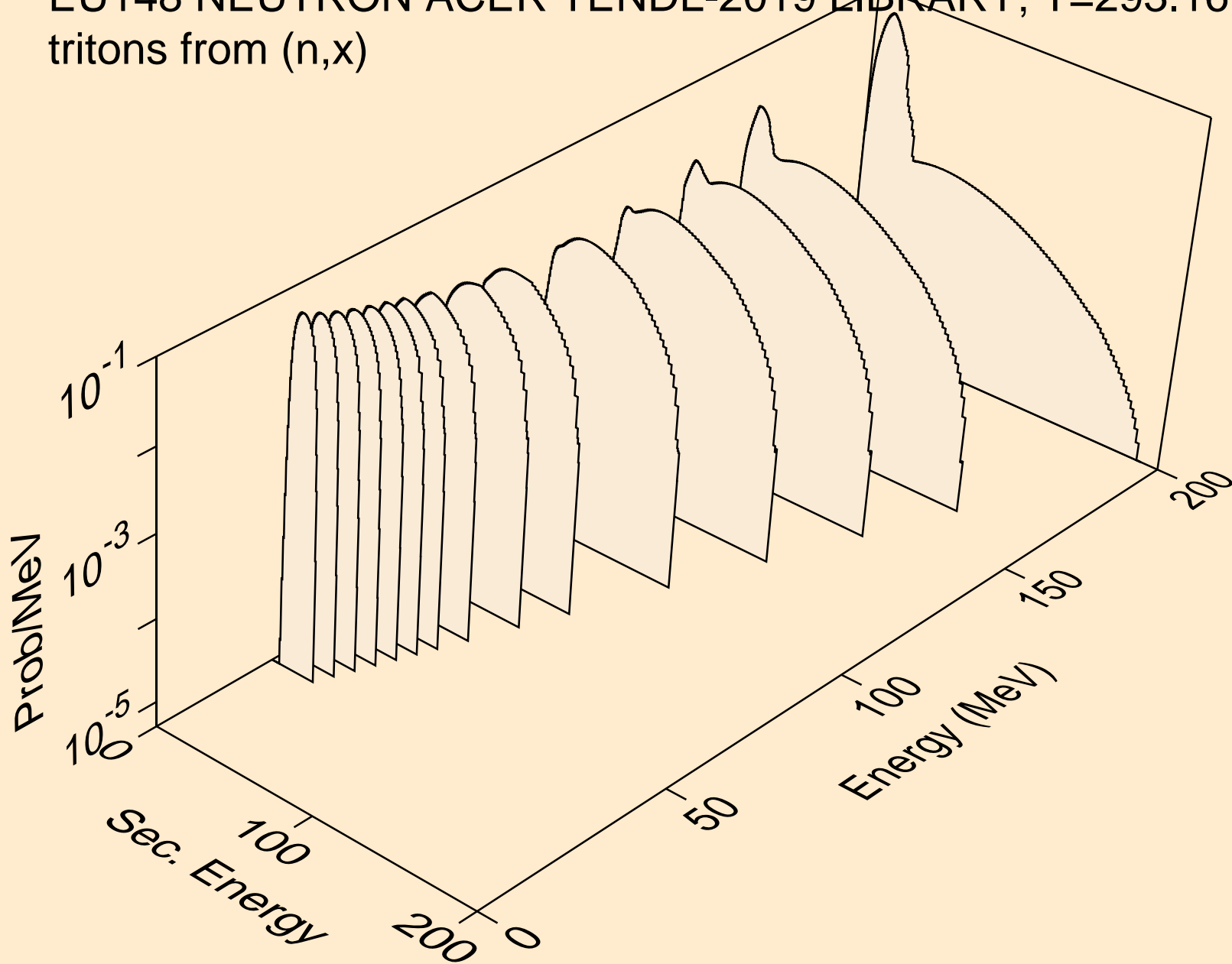
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



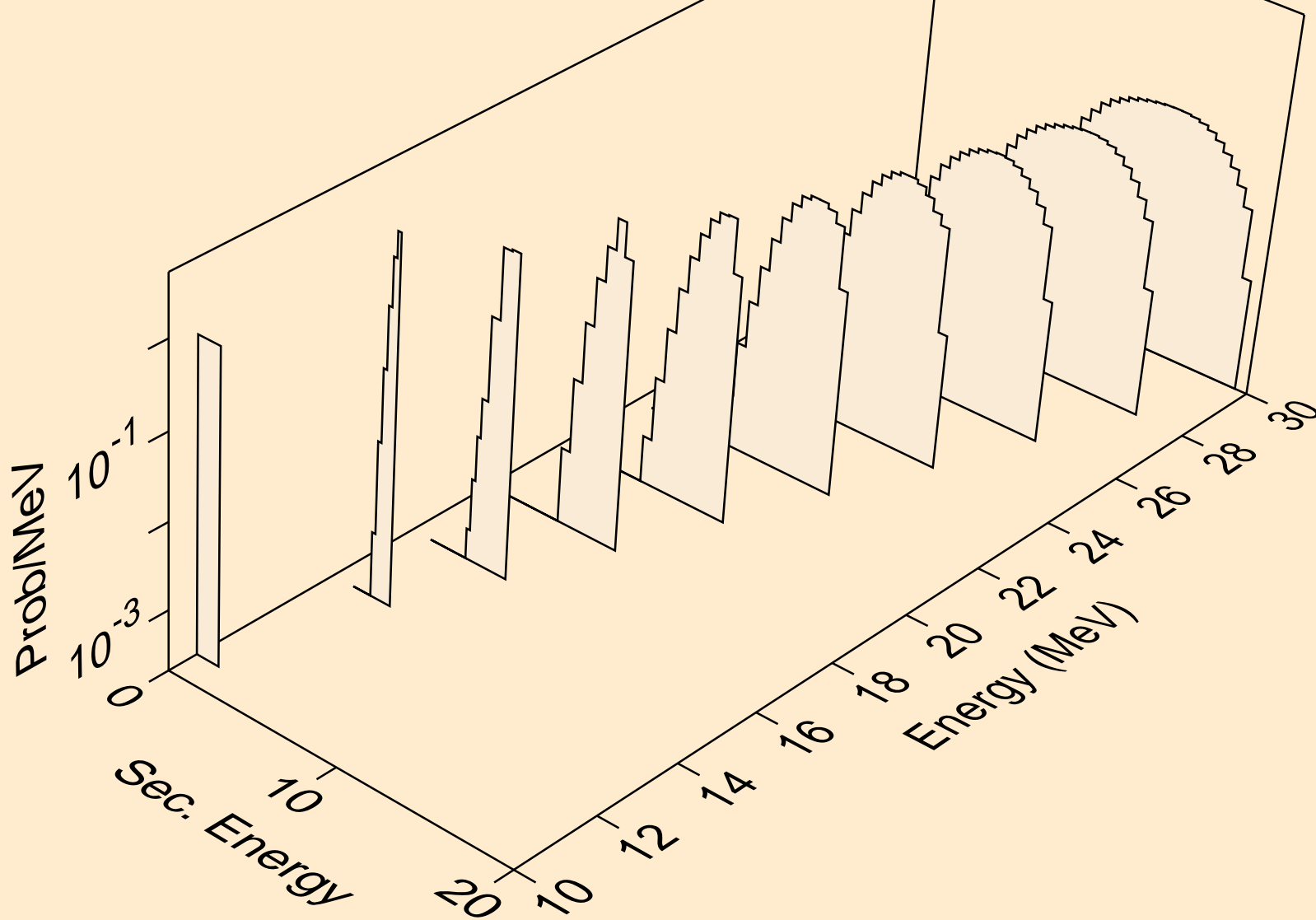
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



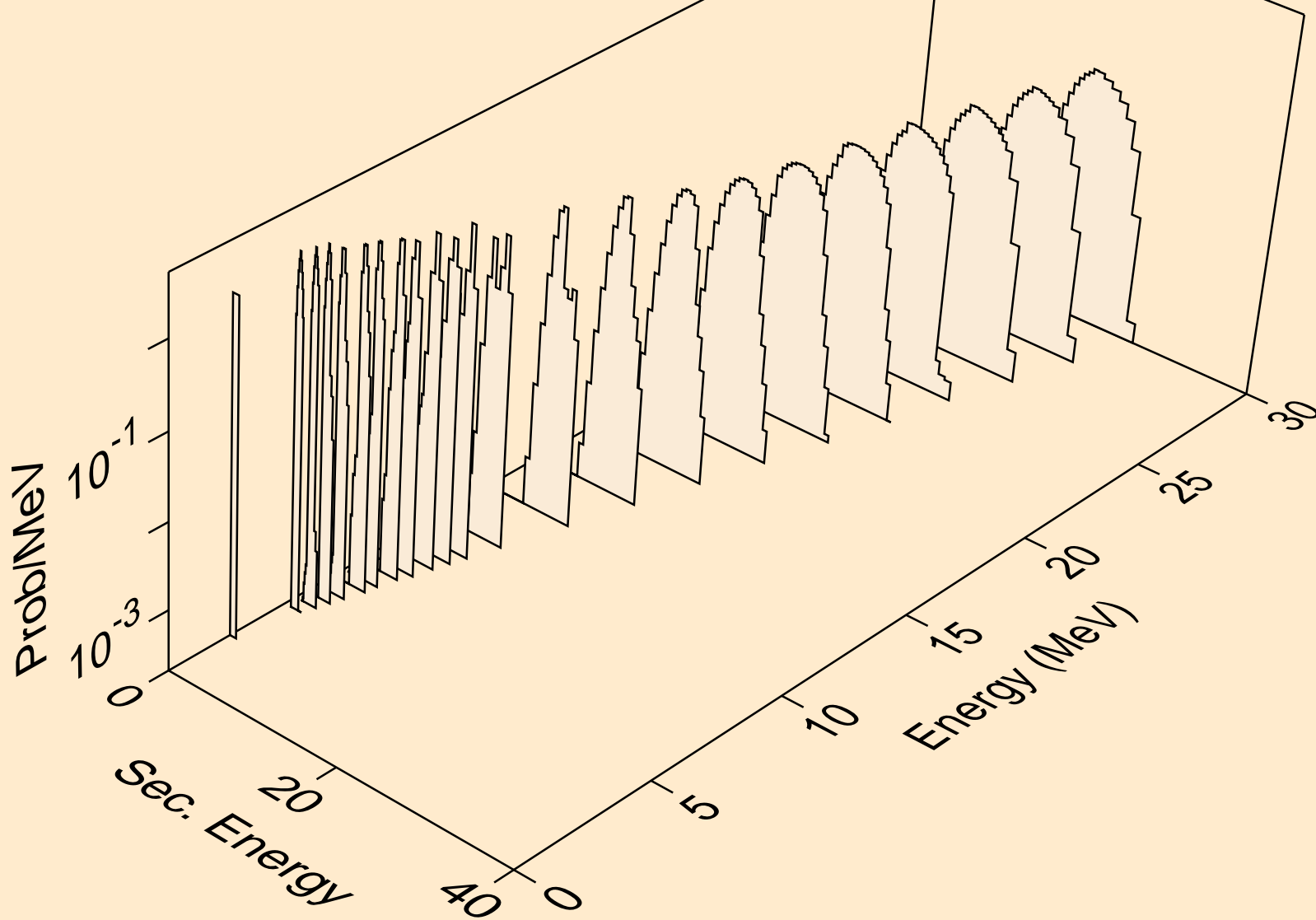
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



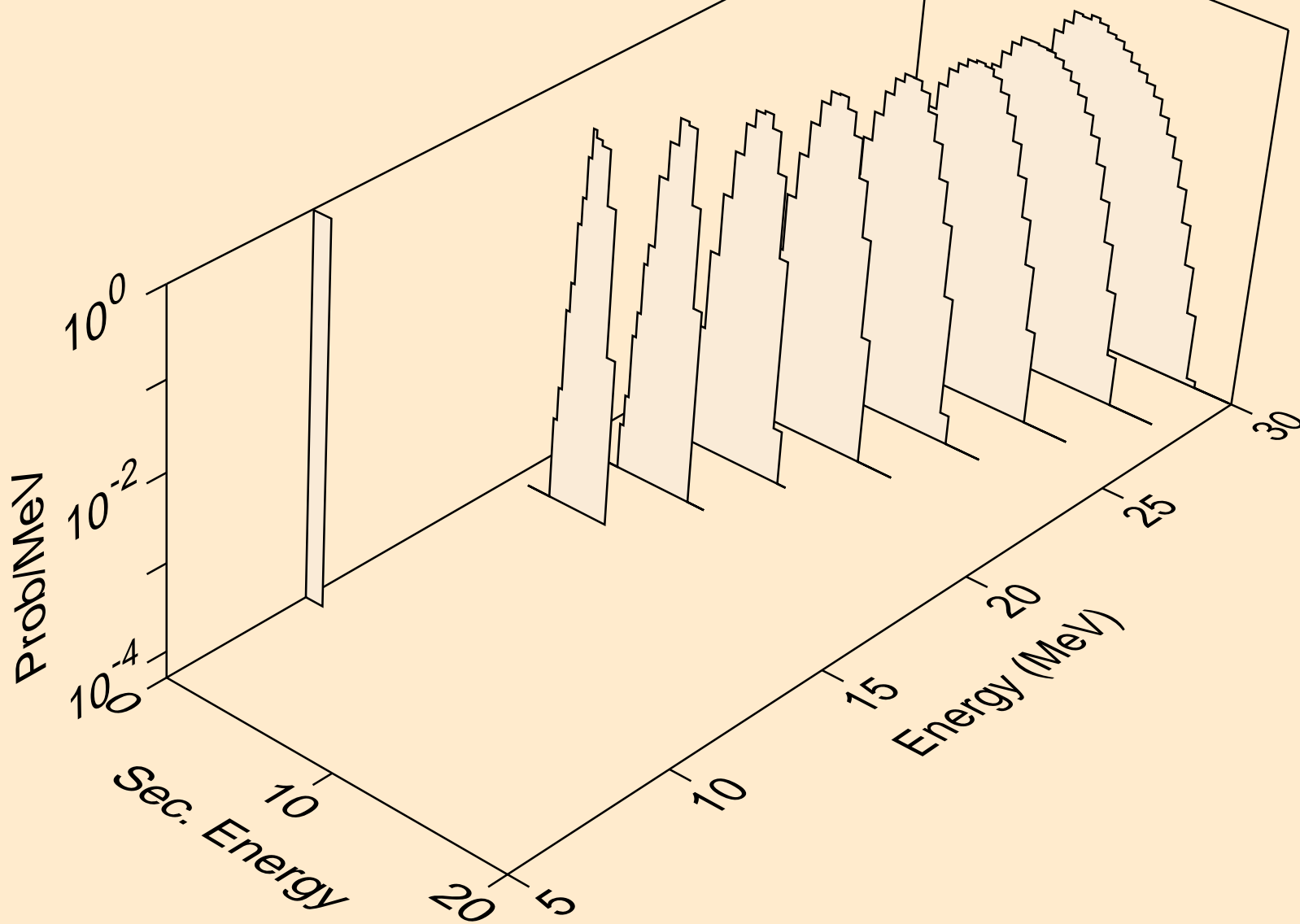
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



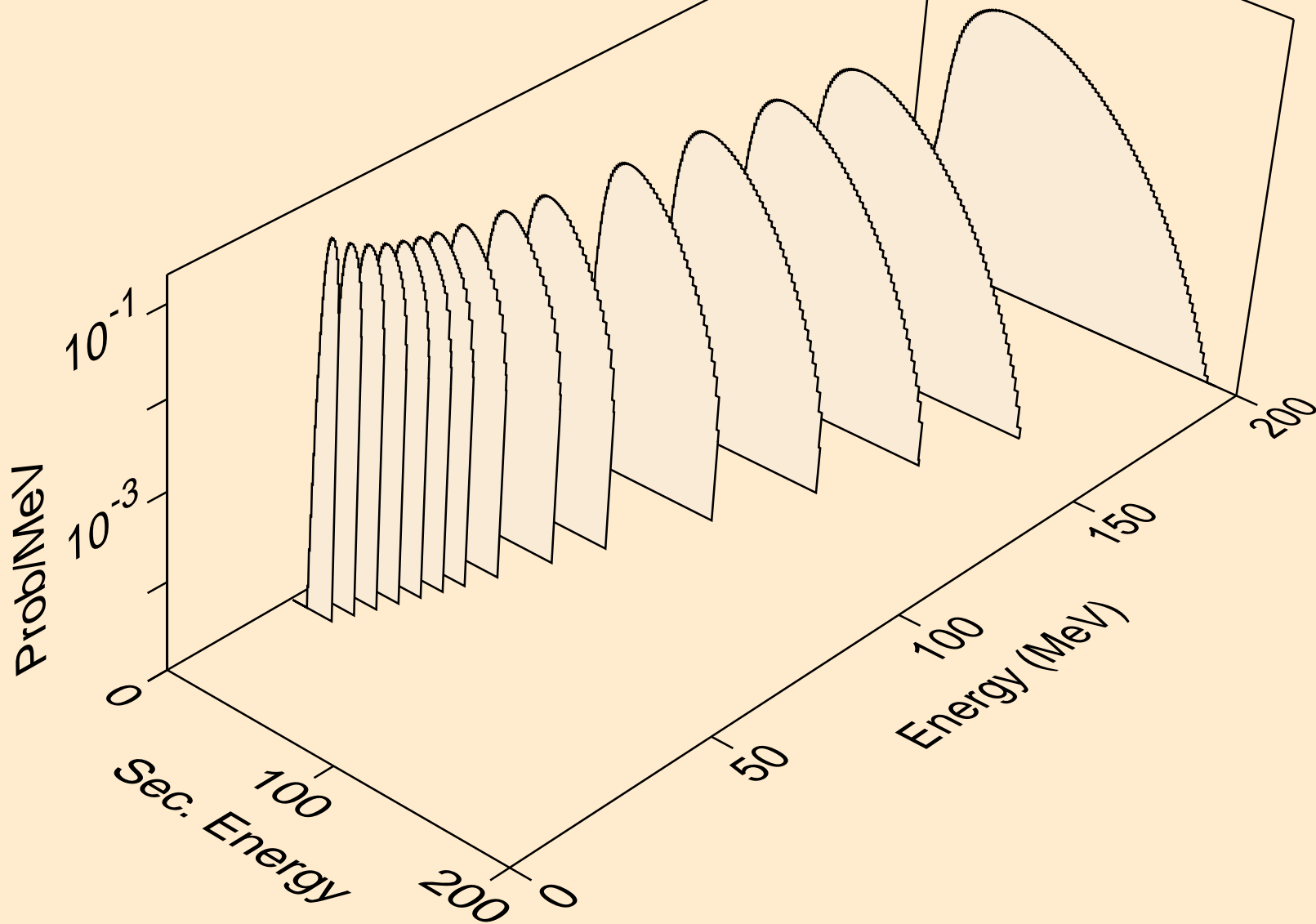
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



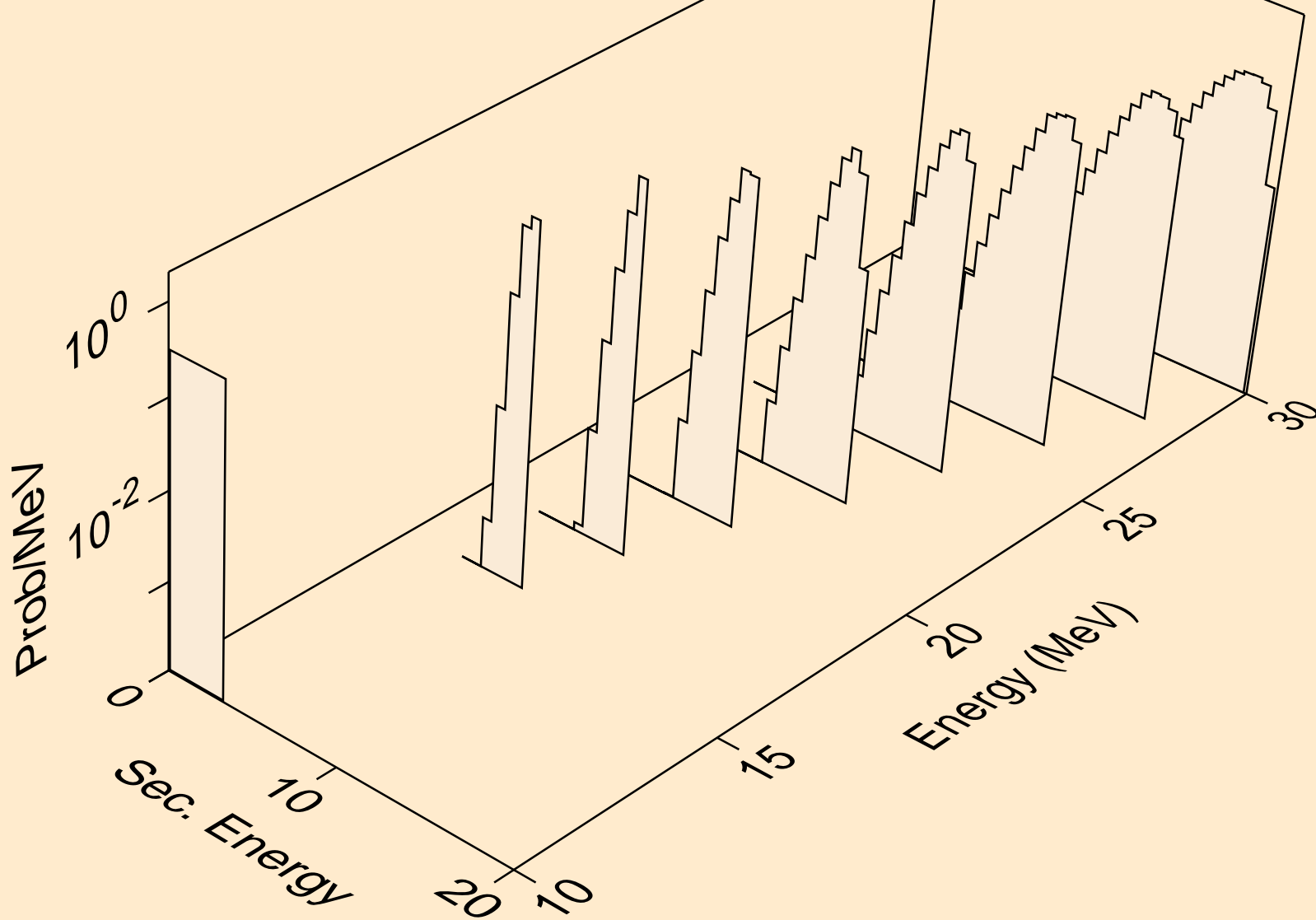
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



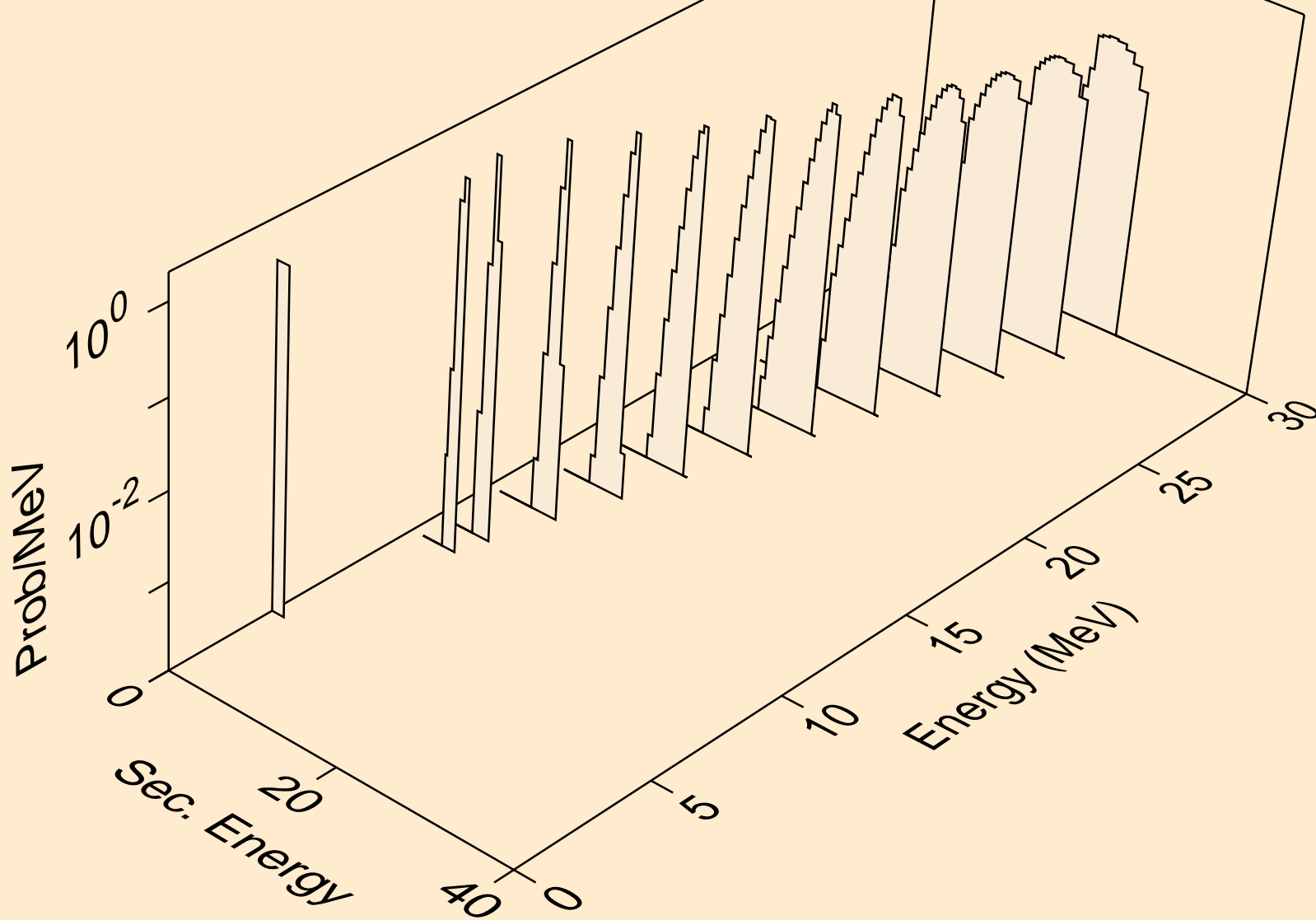
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



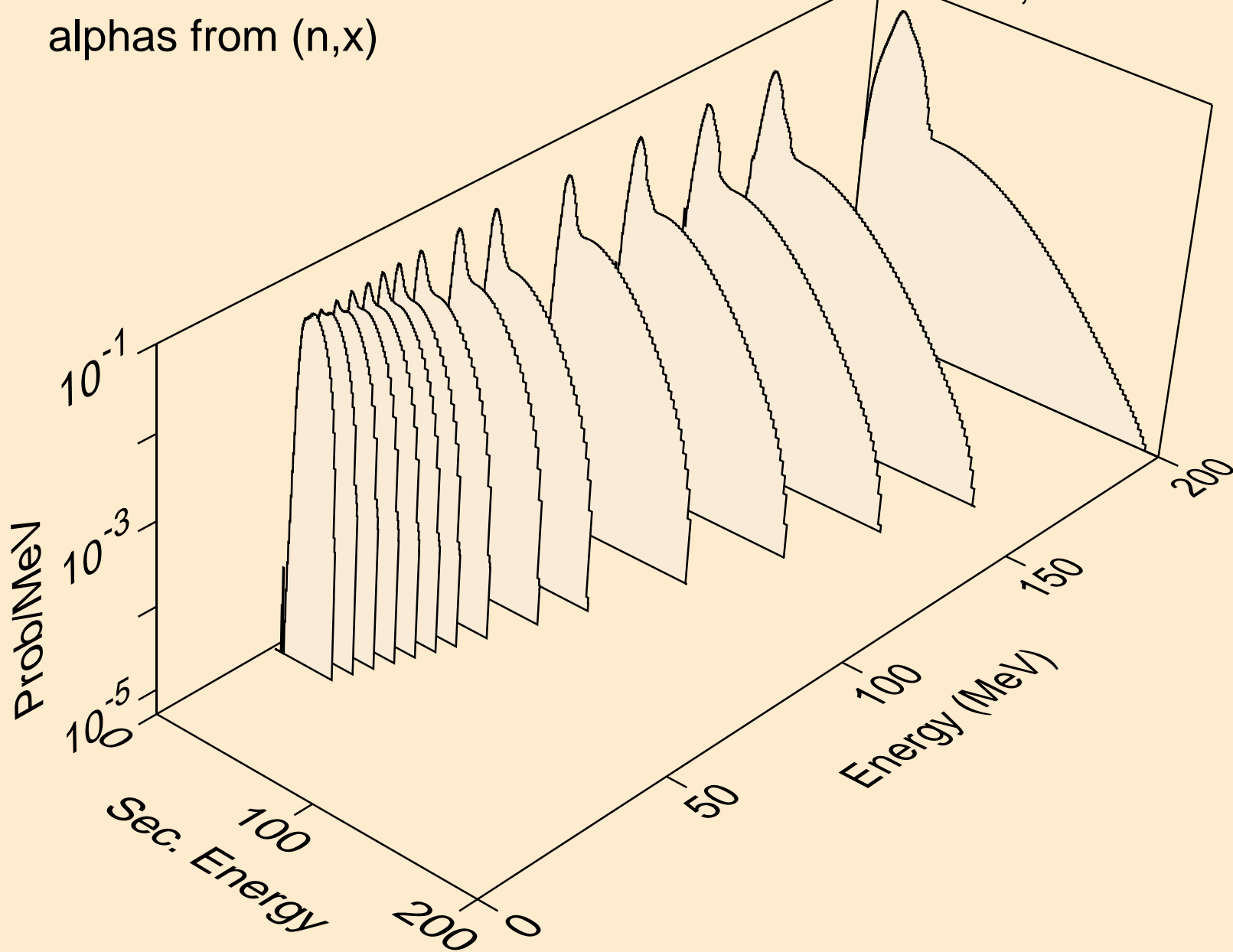
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



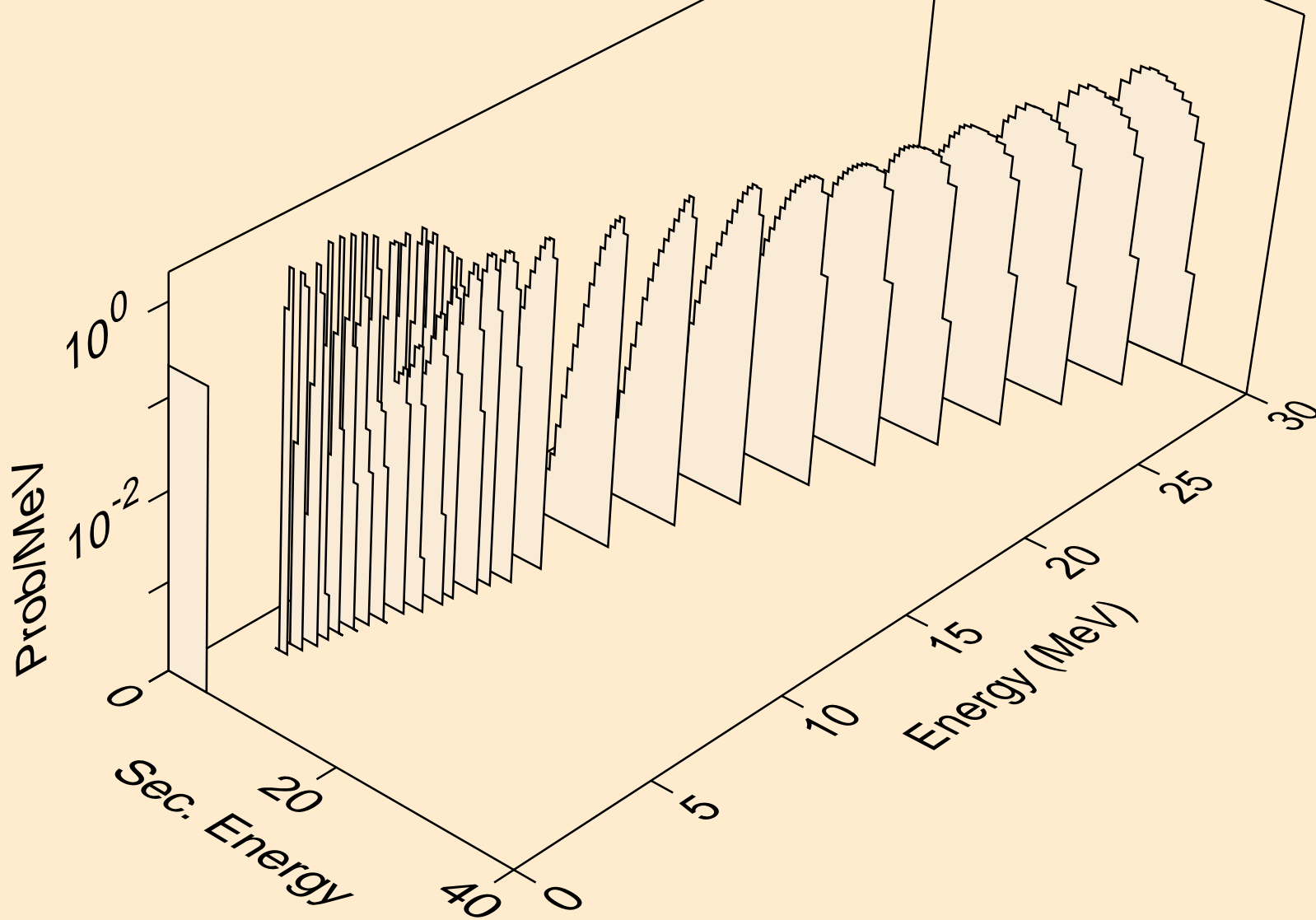
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



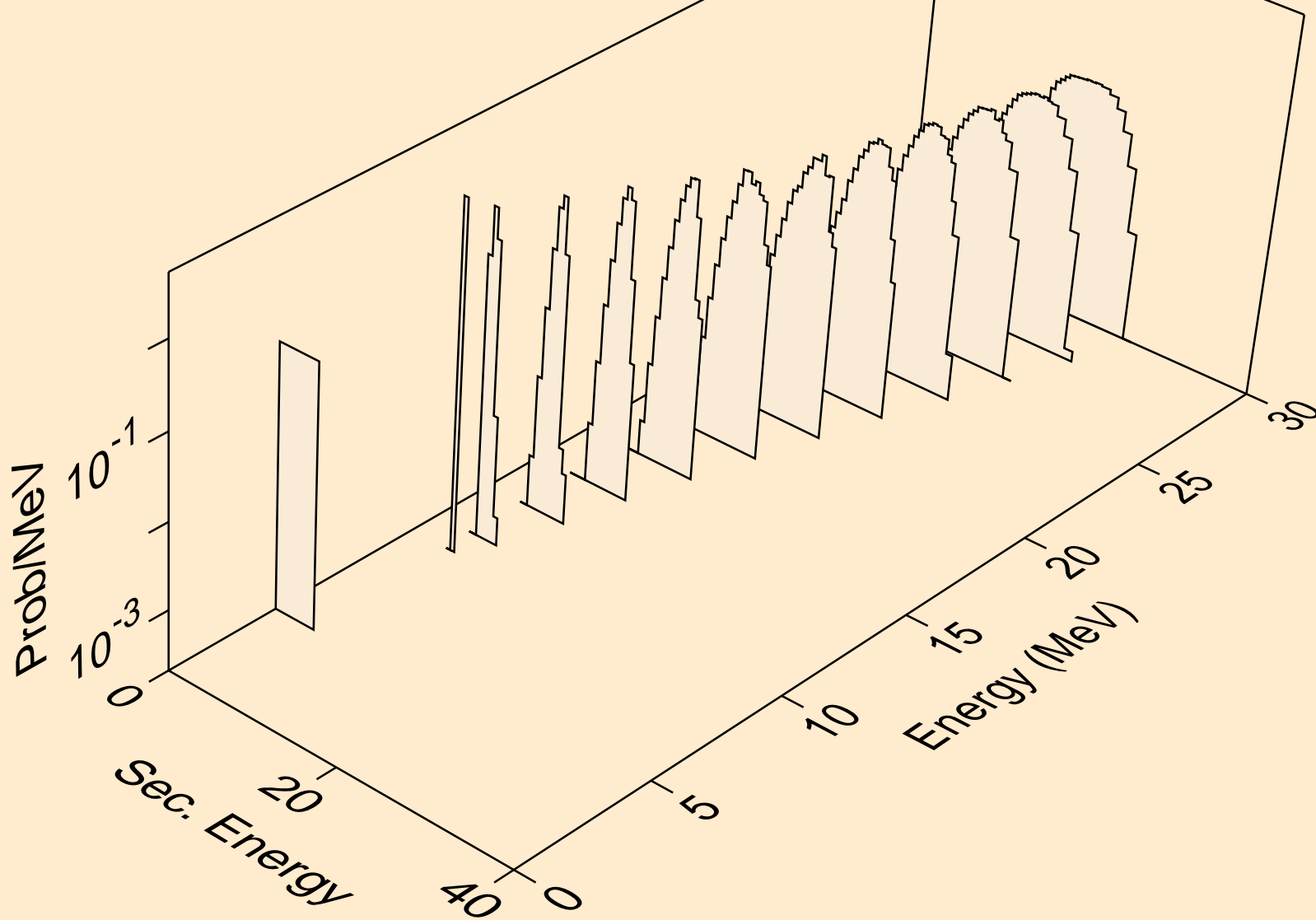
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



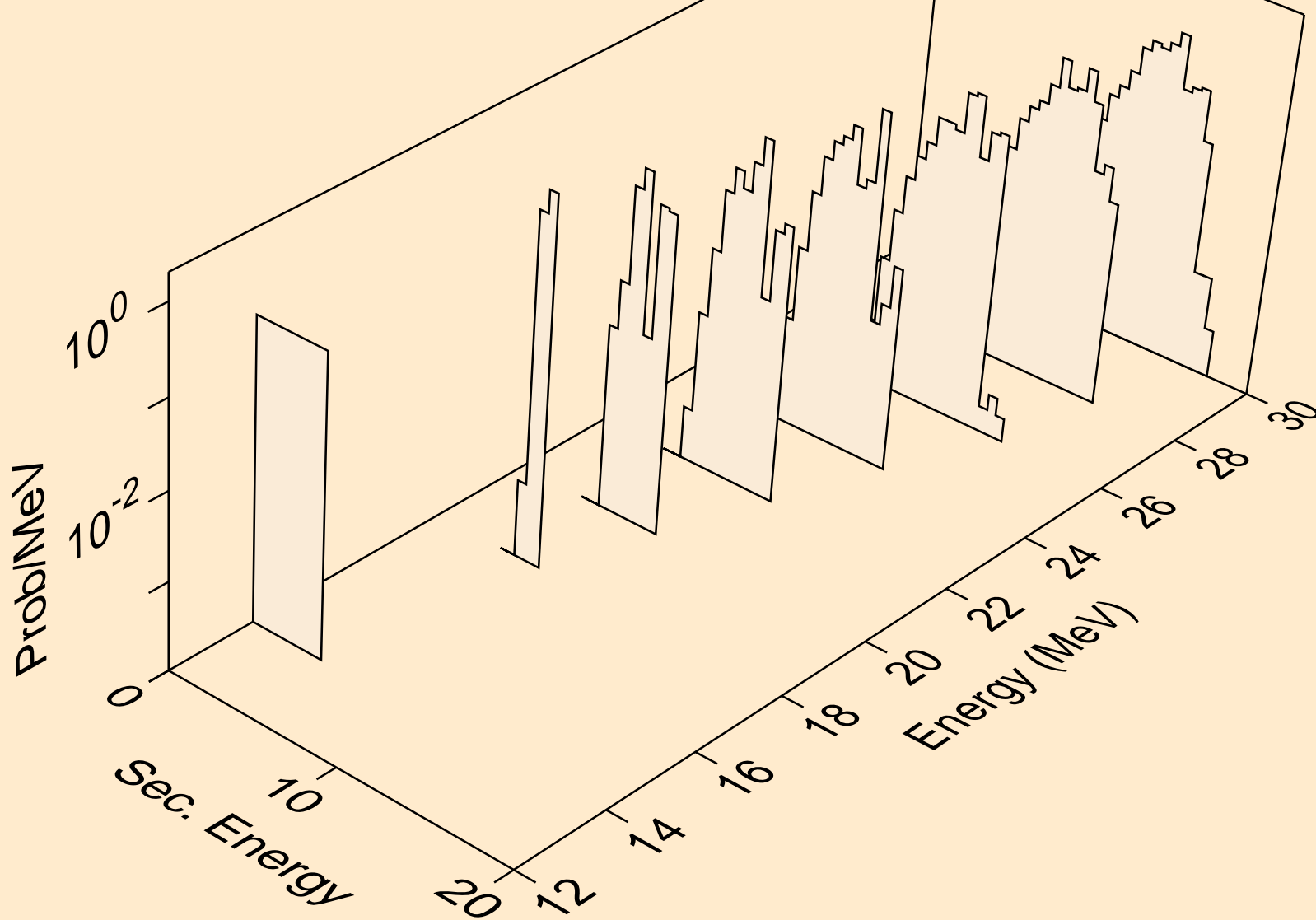
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



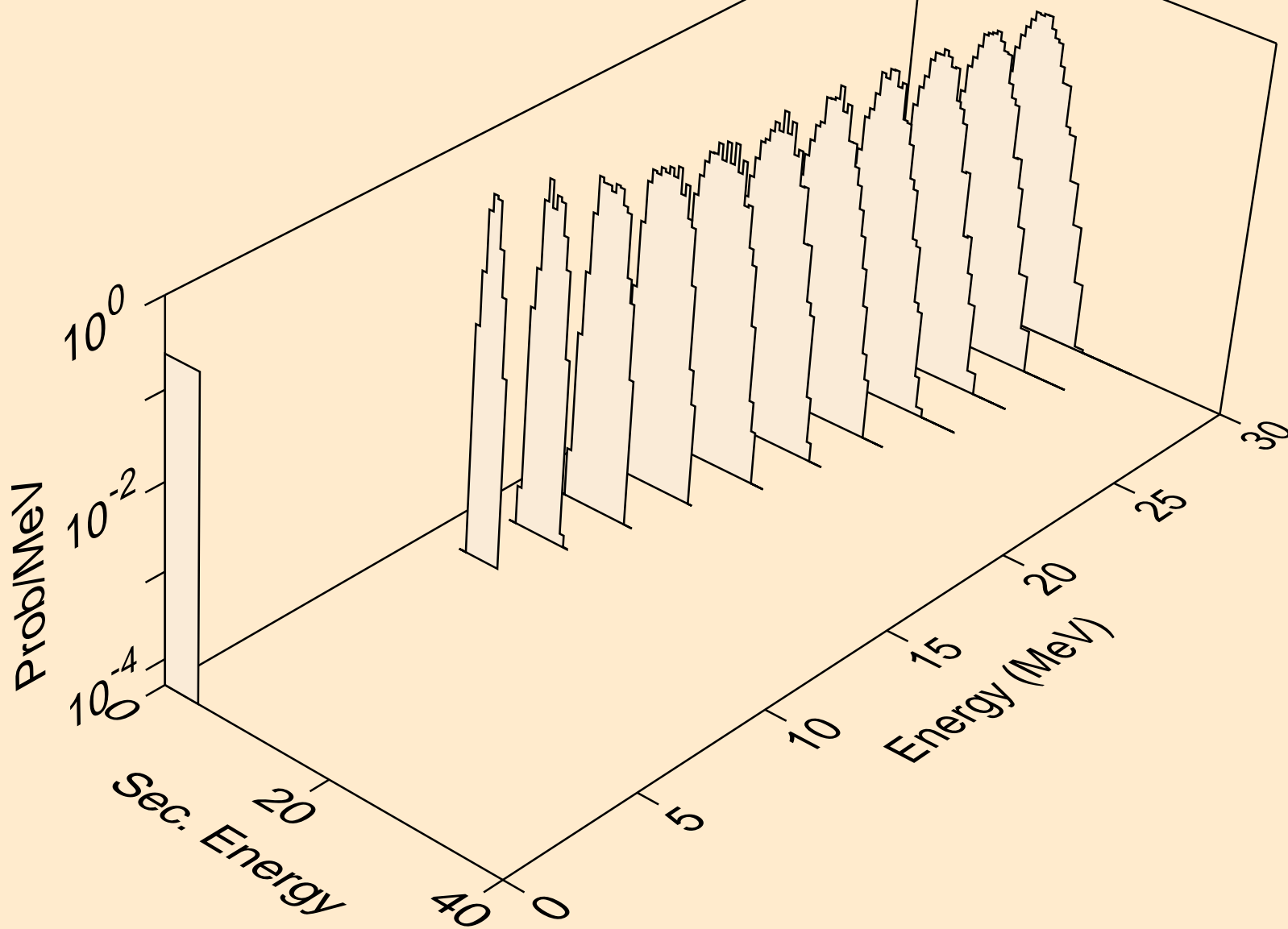
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



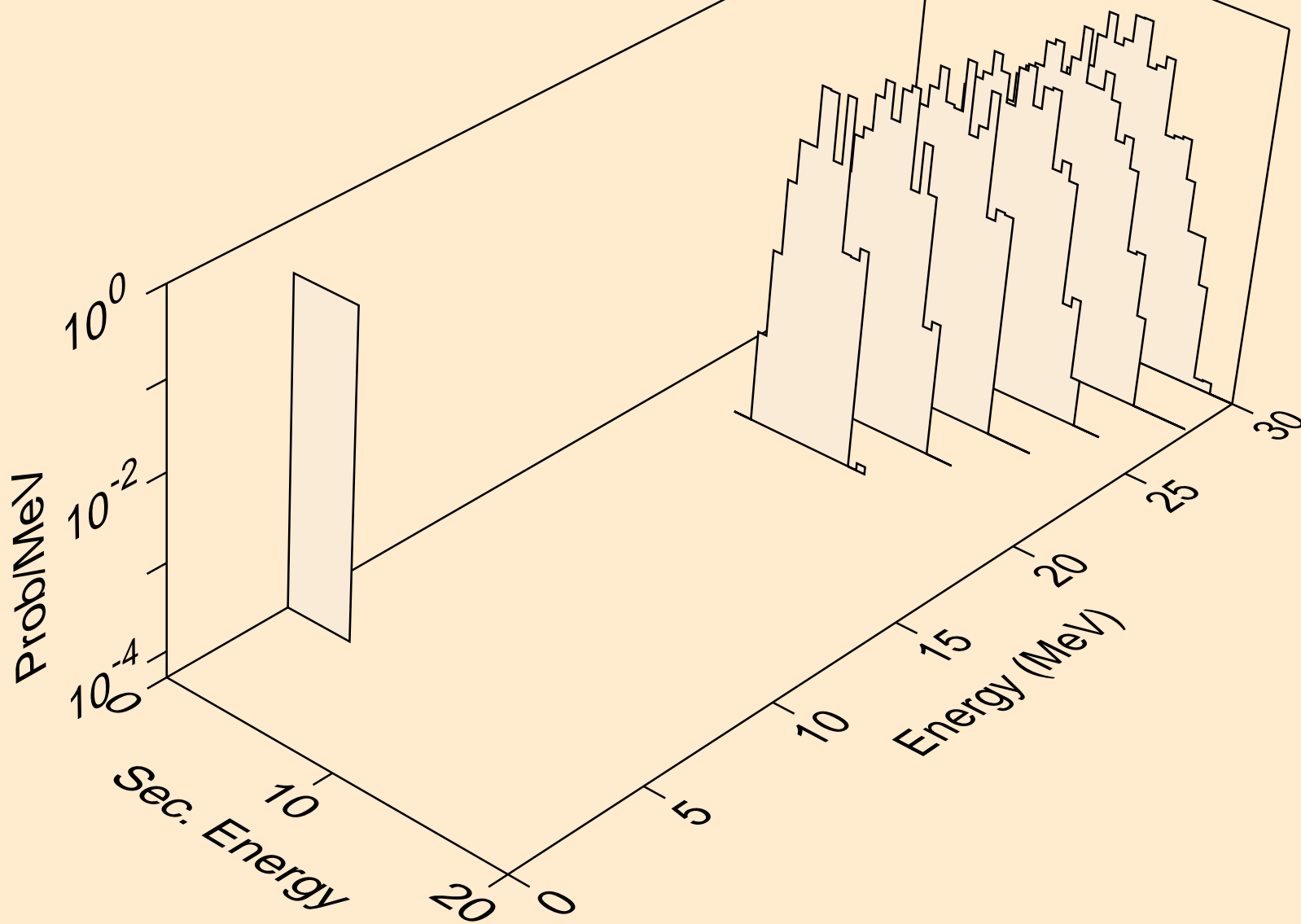
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3n)a



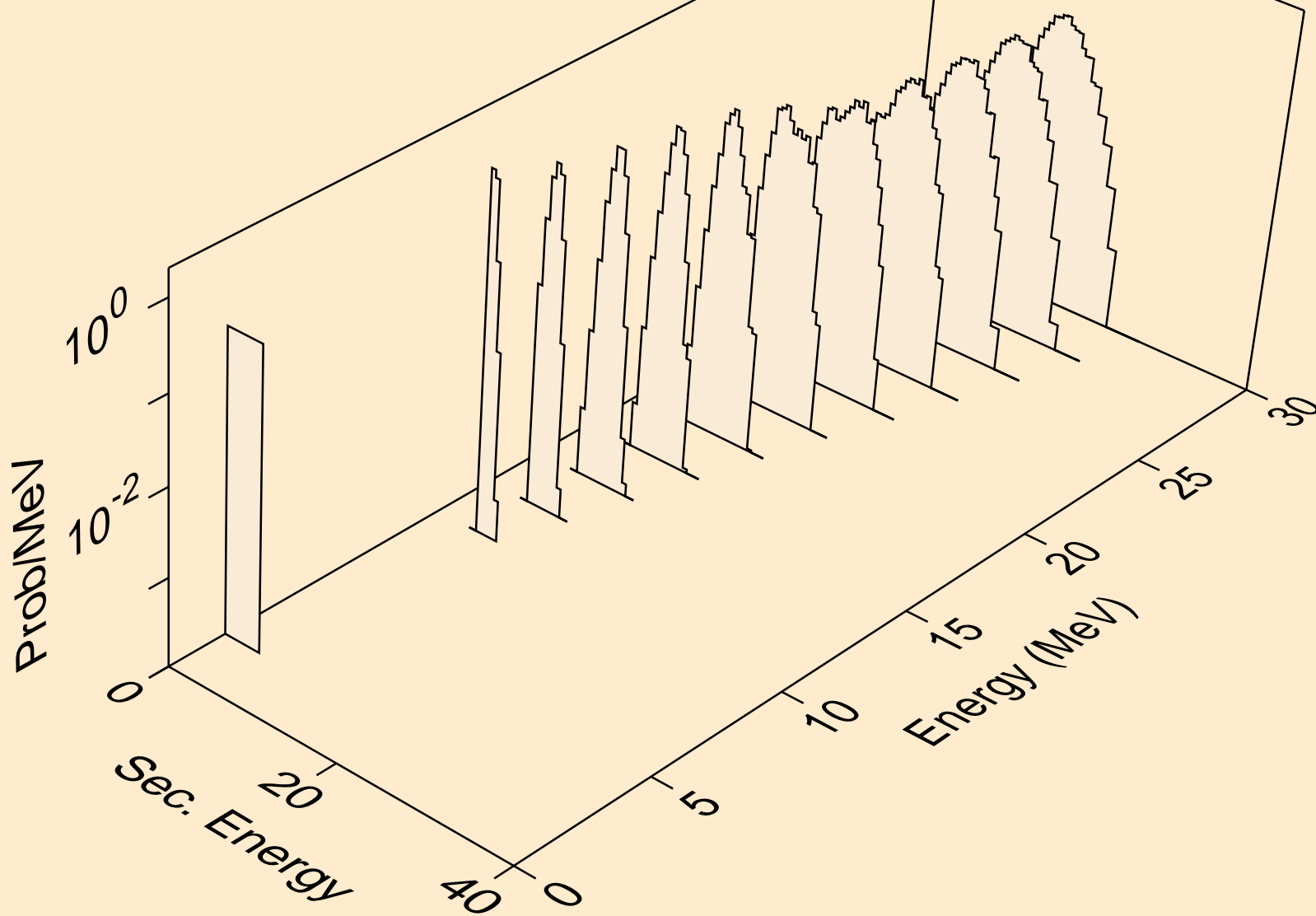
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



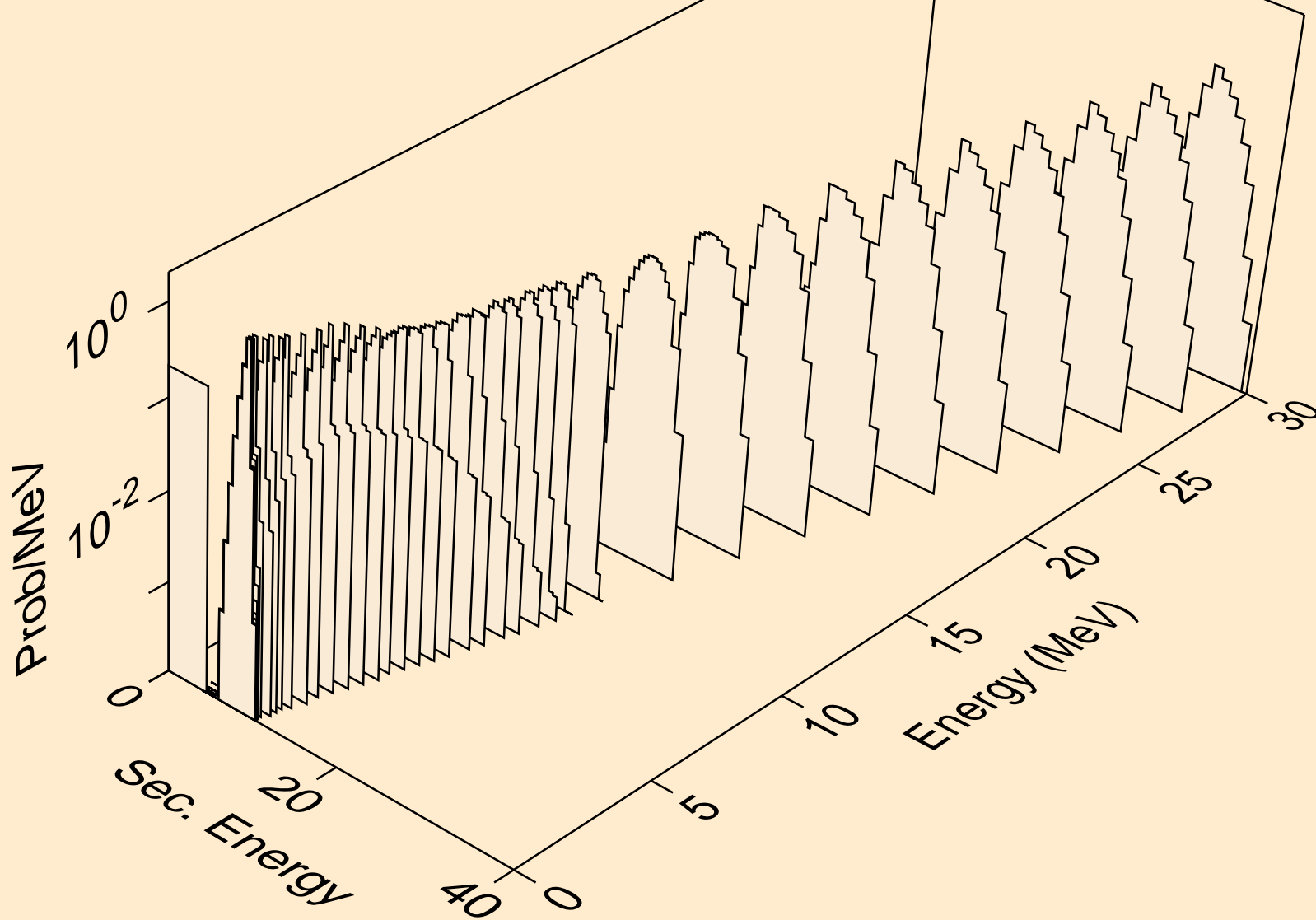
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)2a



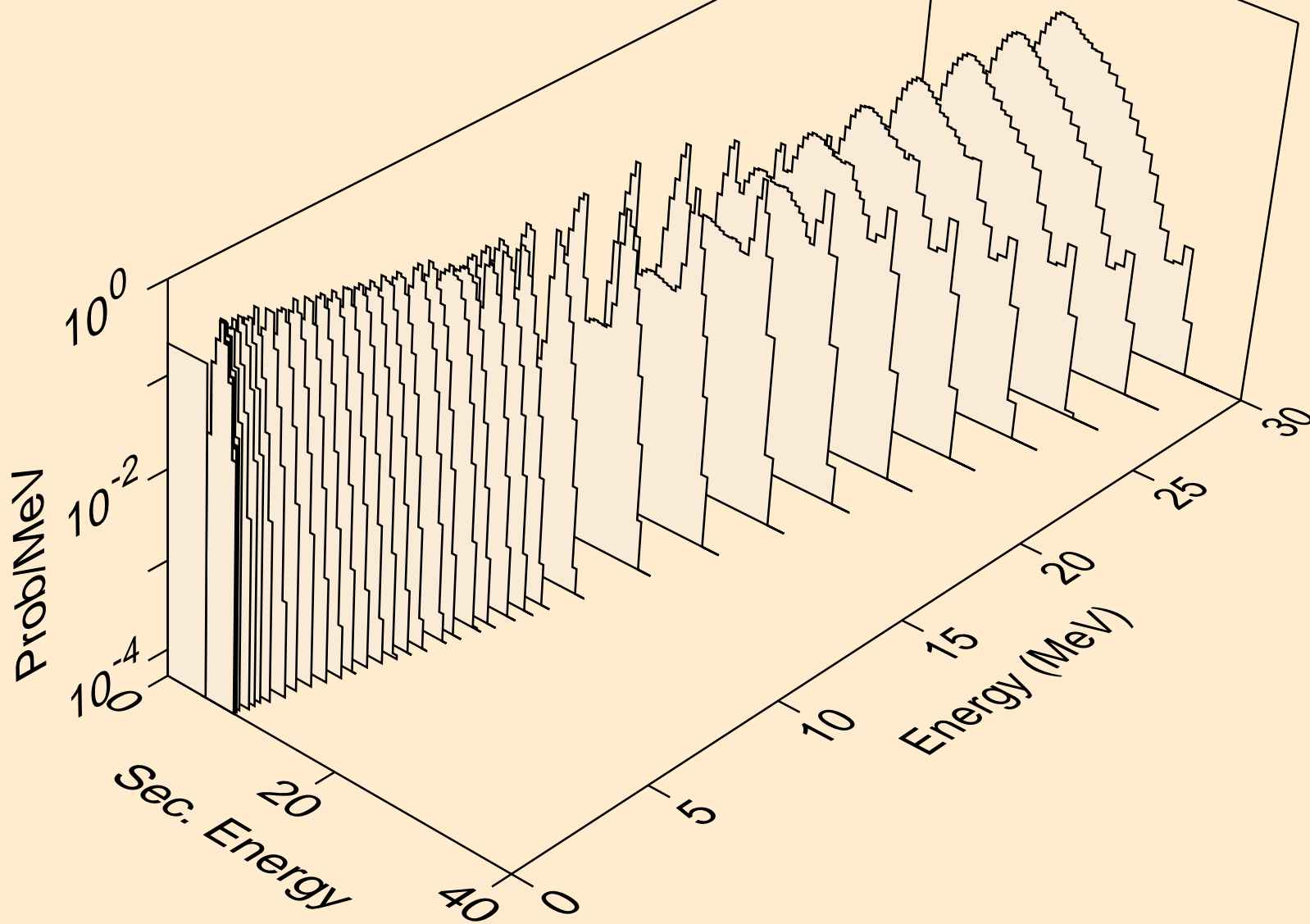
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



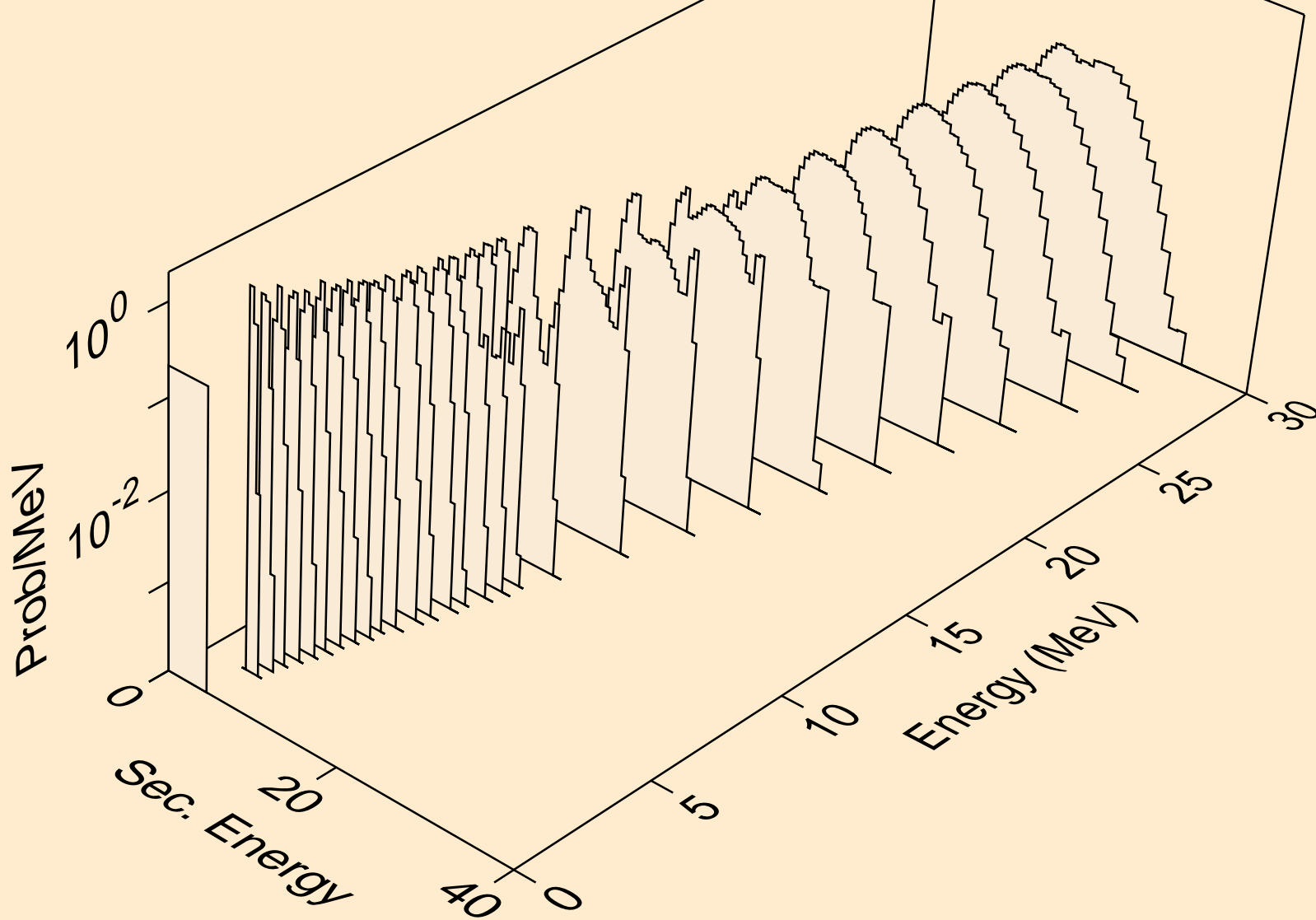
EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



EU148 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

