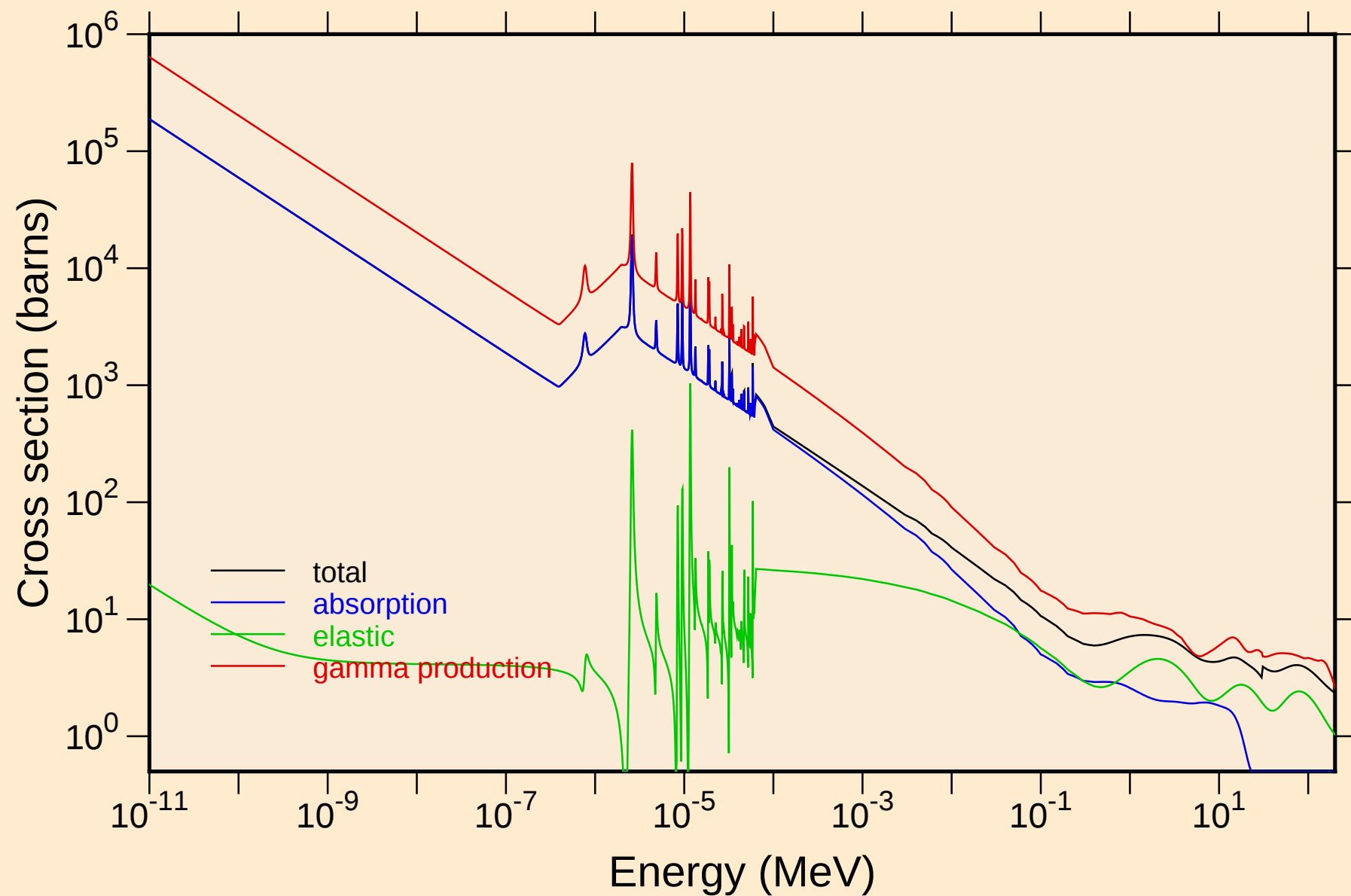
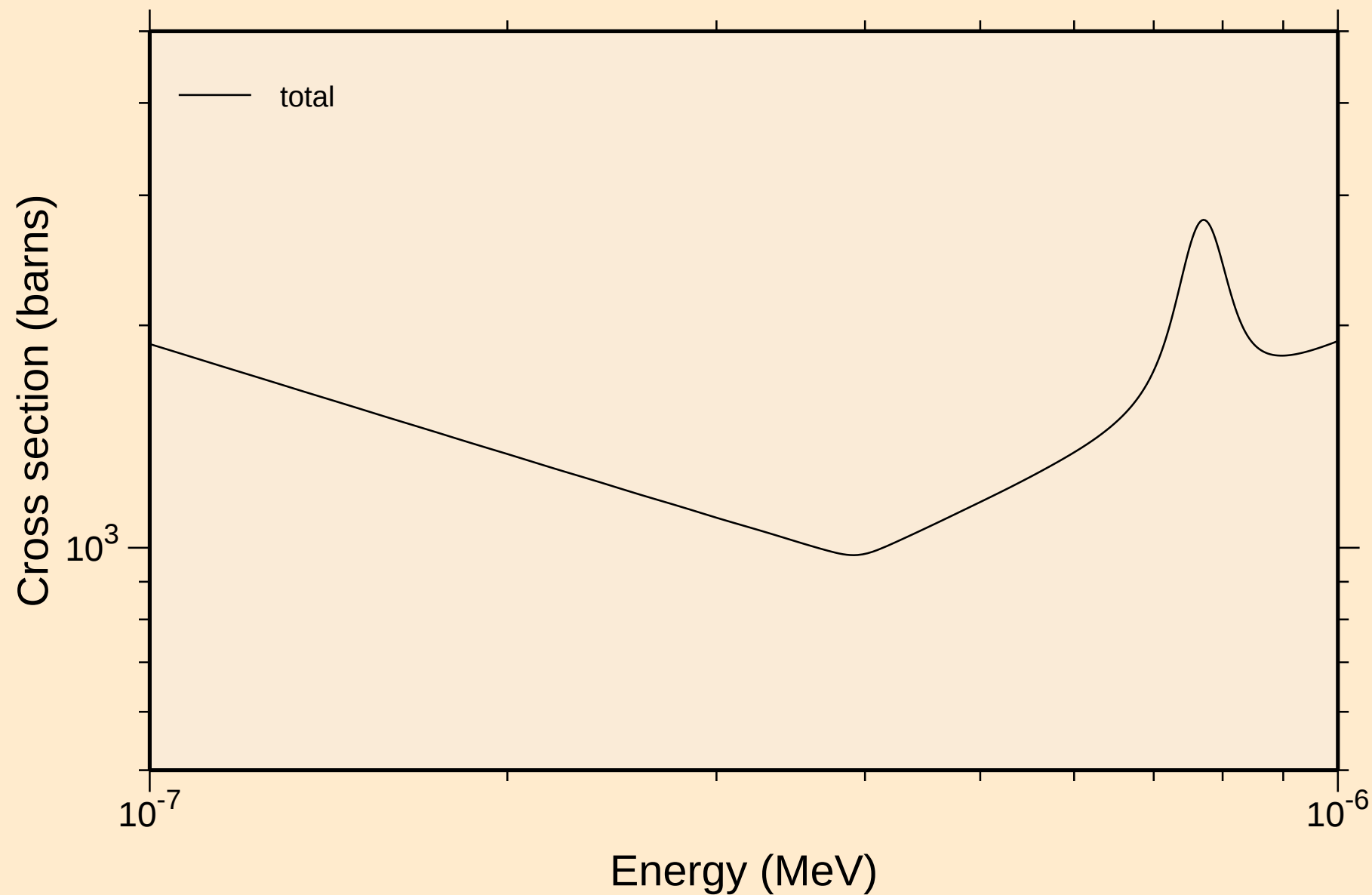


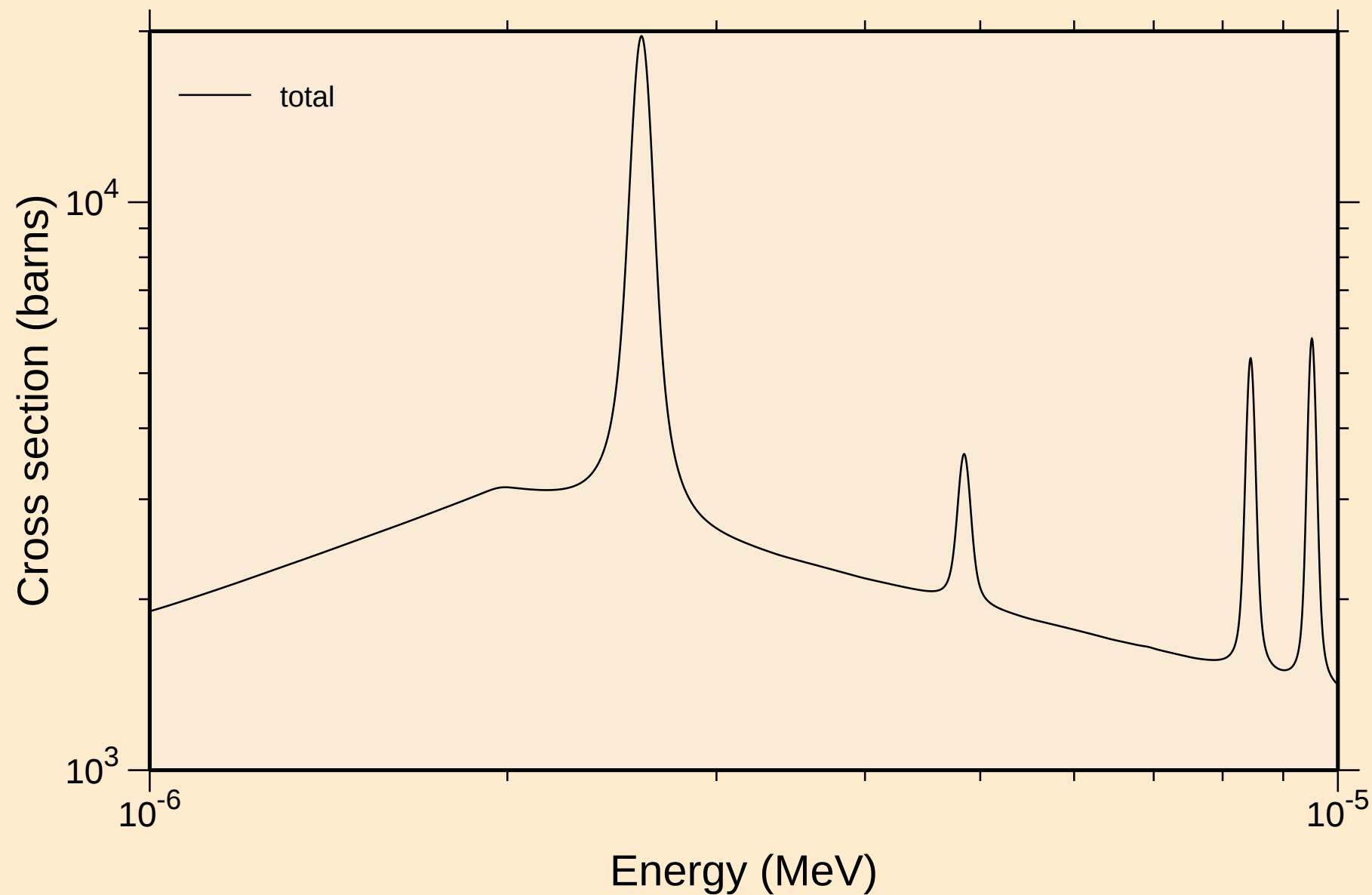
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Principal cross sections



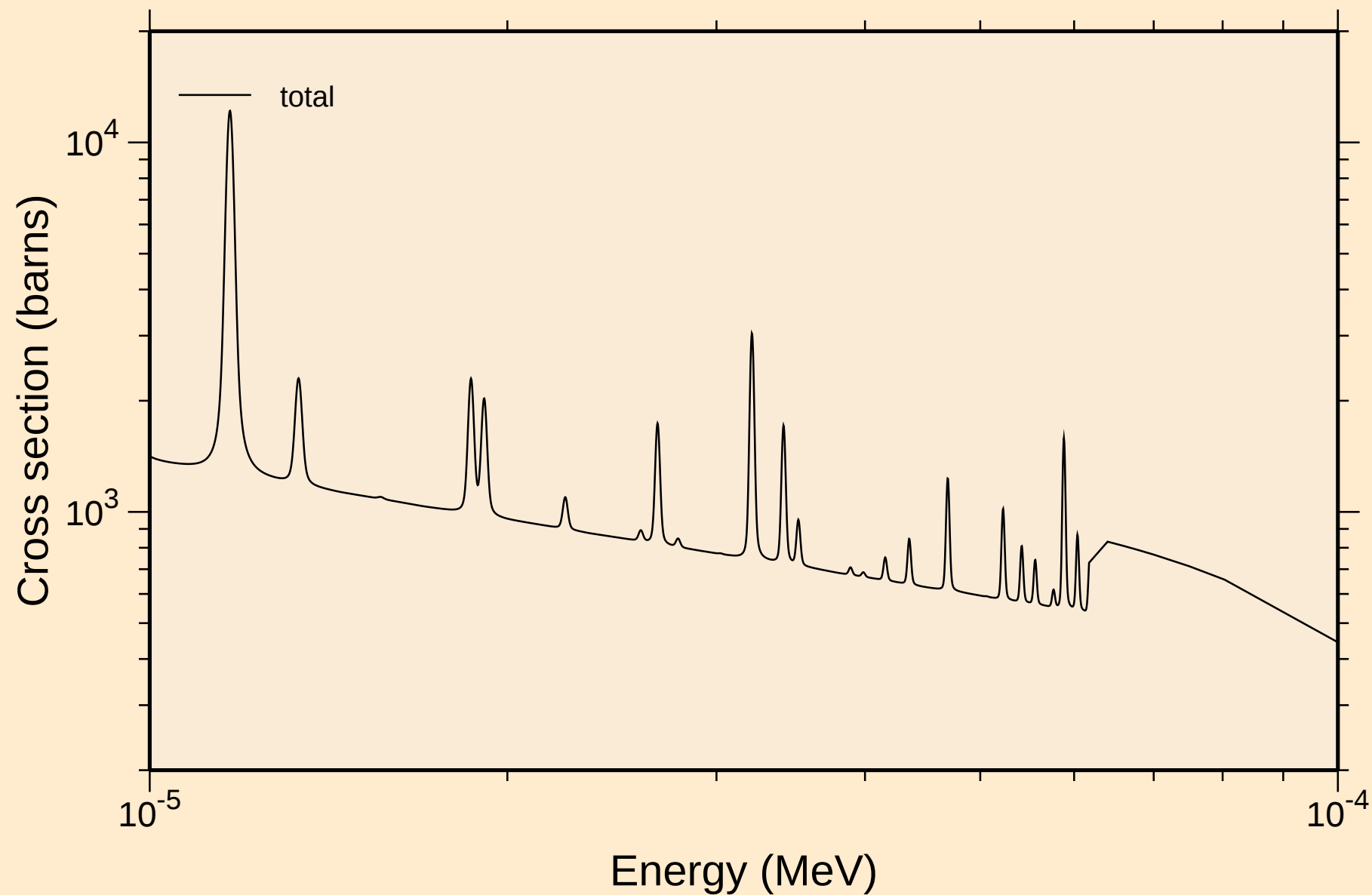
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



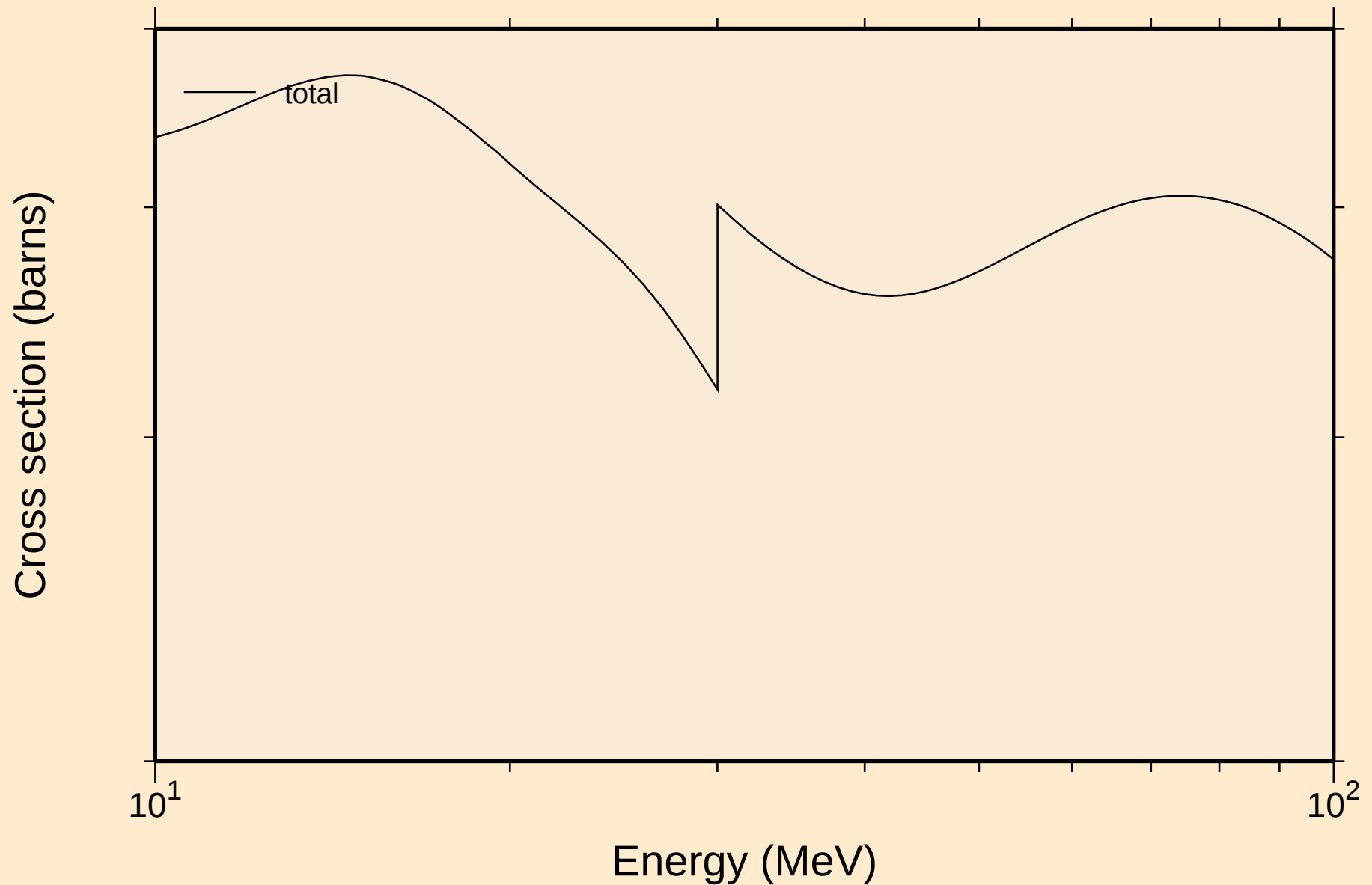
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



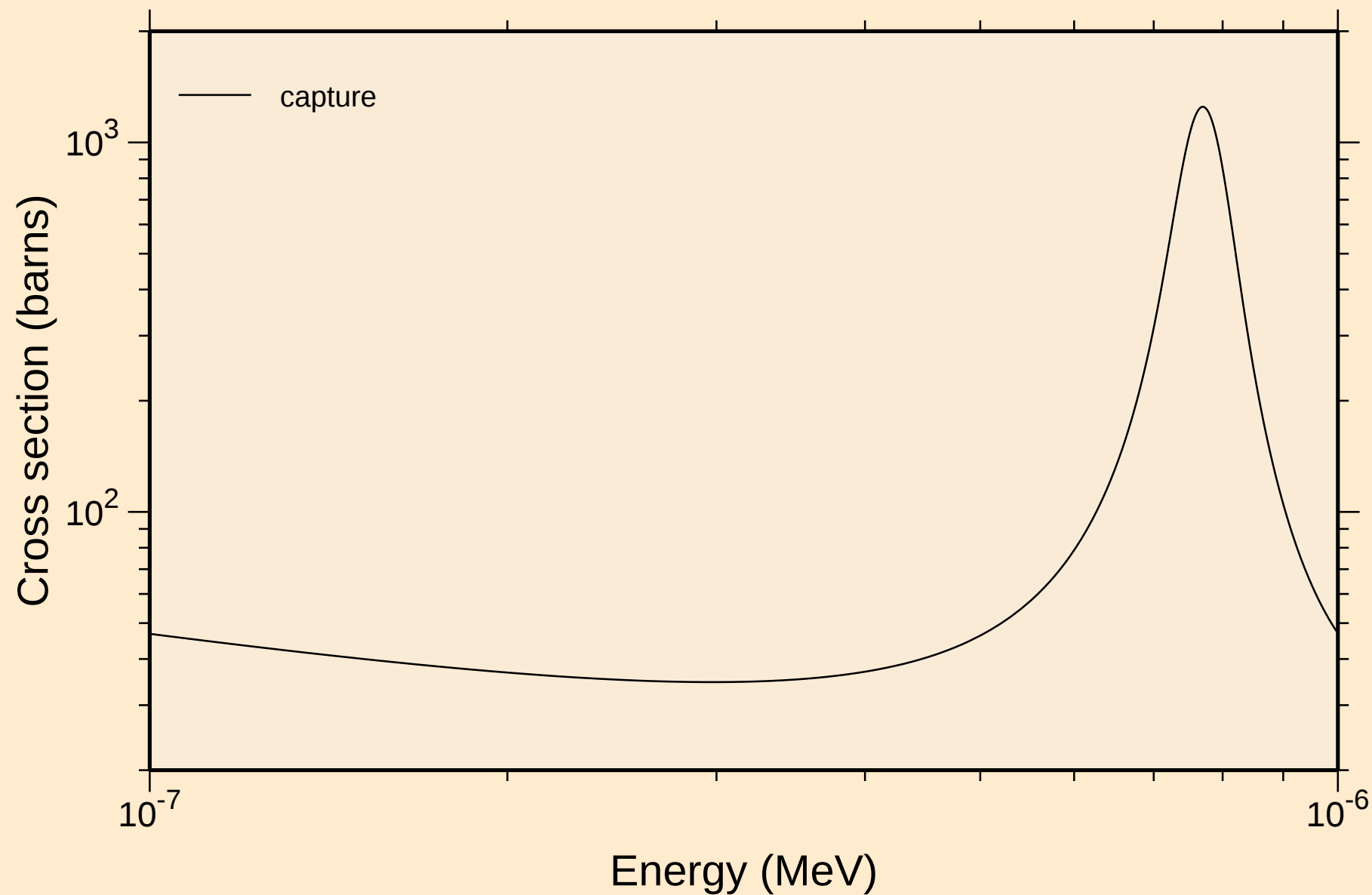
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



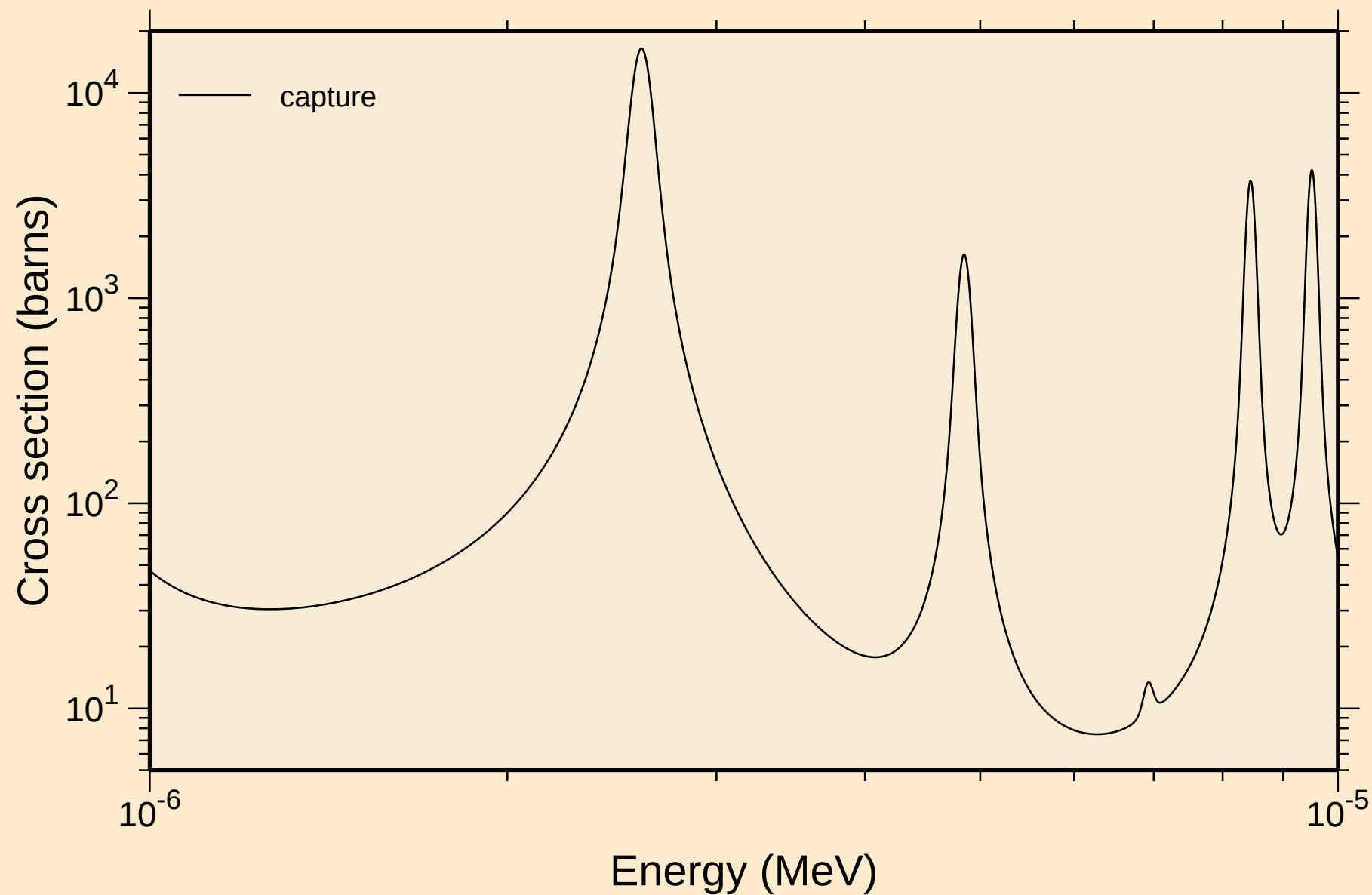
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance total cross section



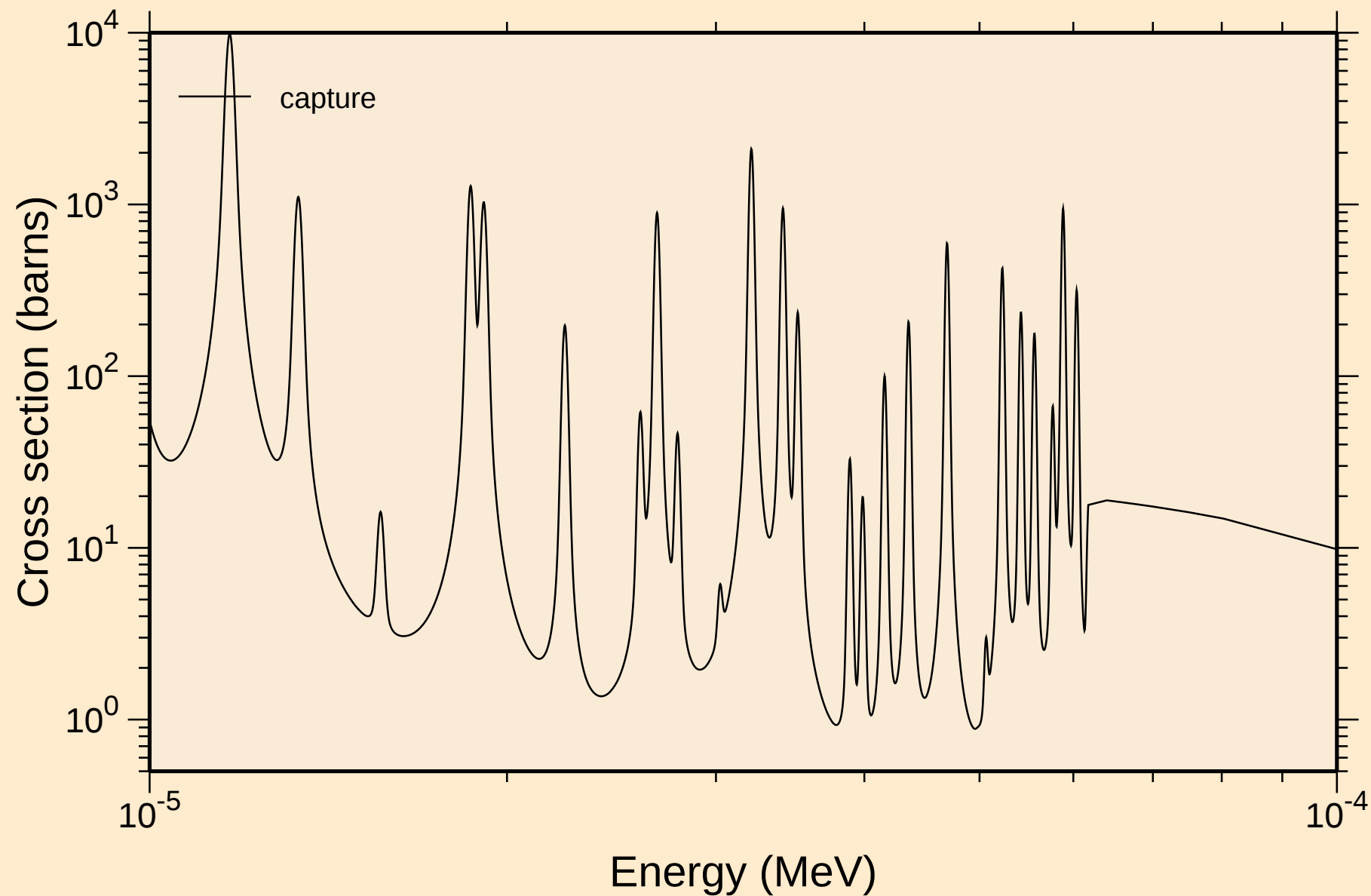
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



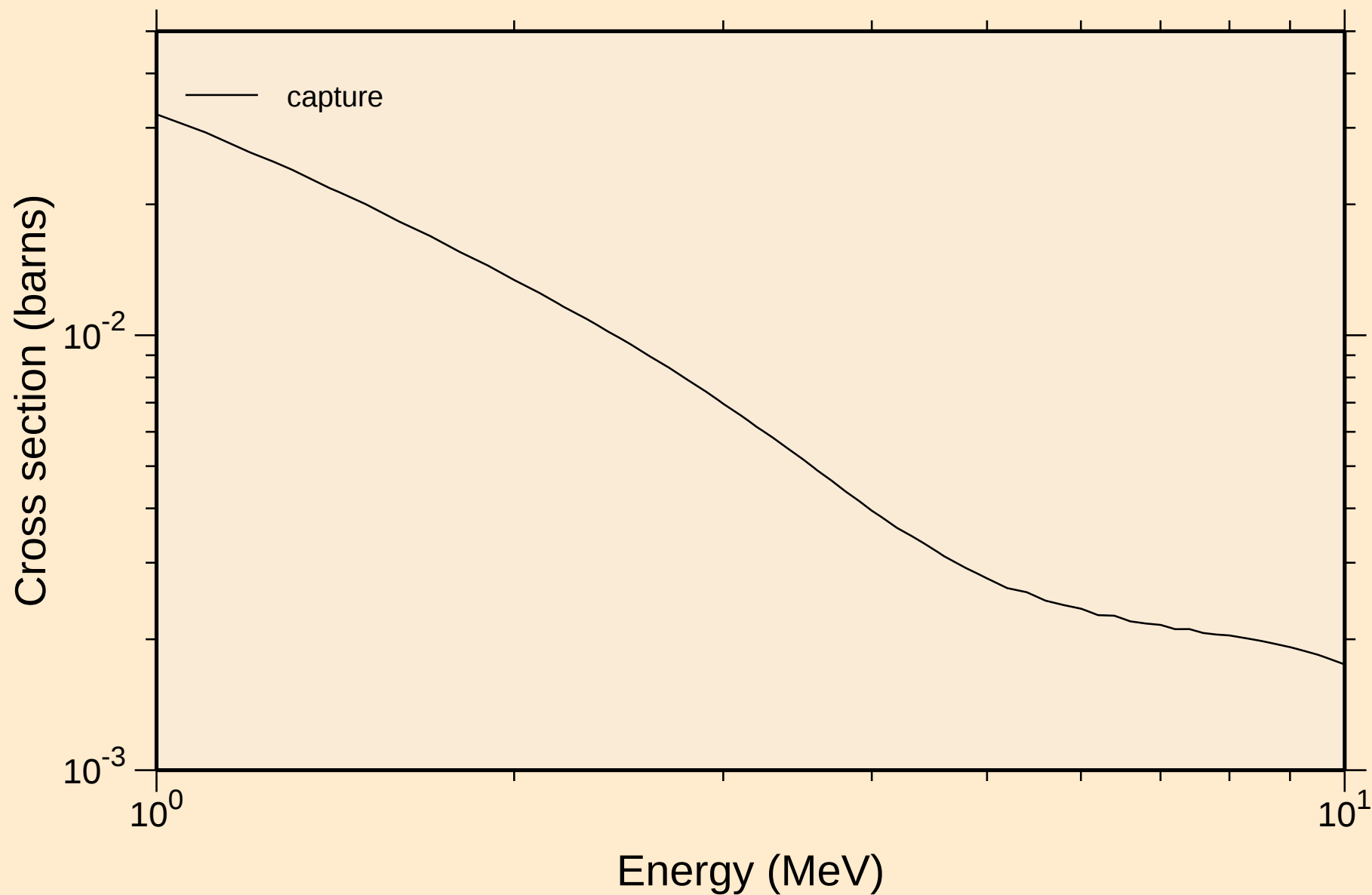
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



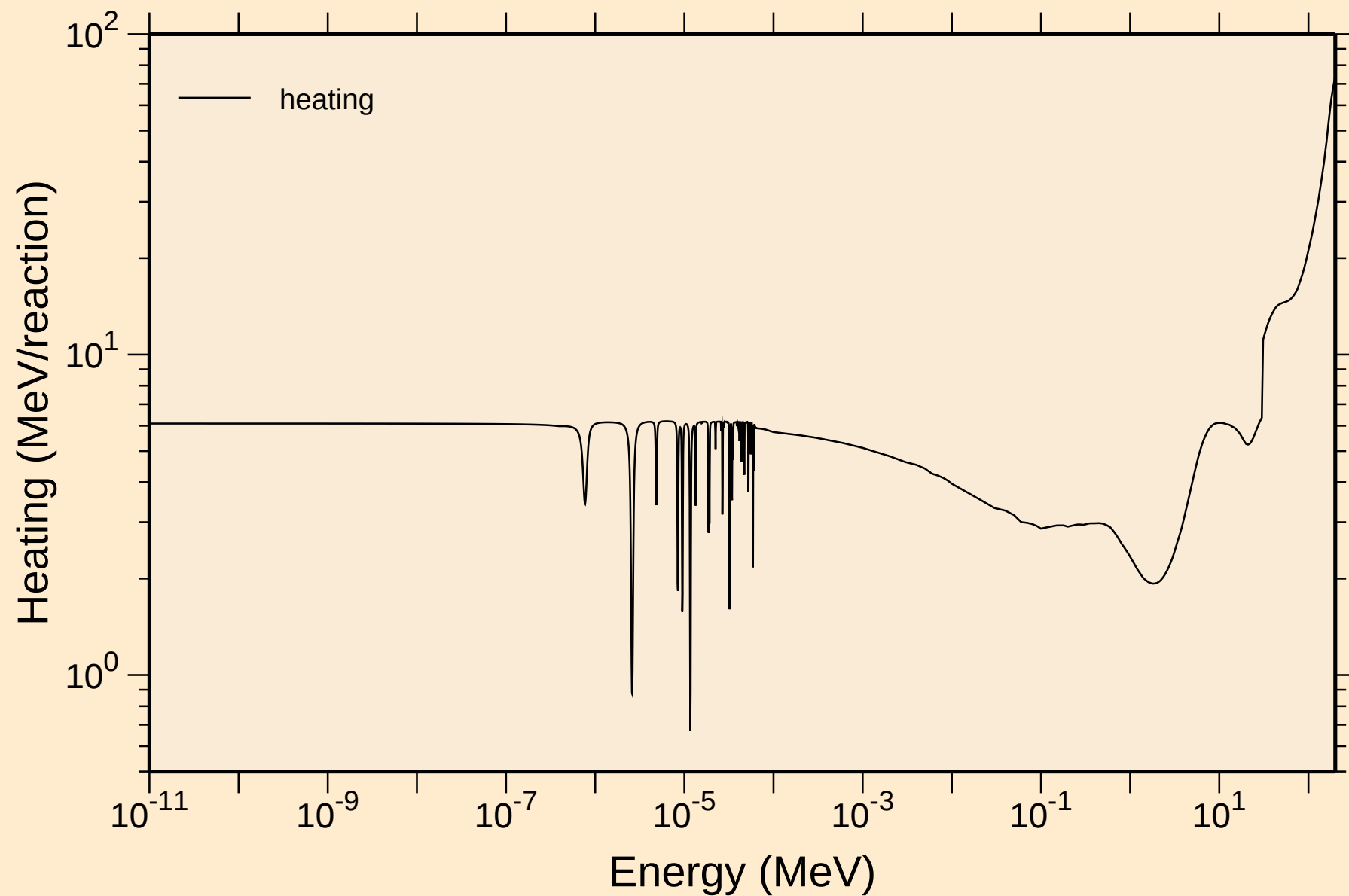
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
resonance absorption cross sections



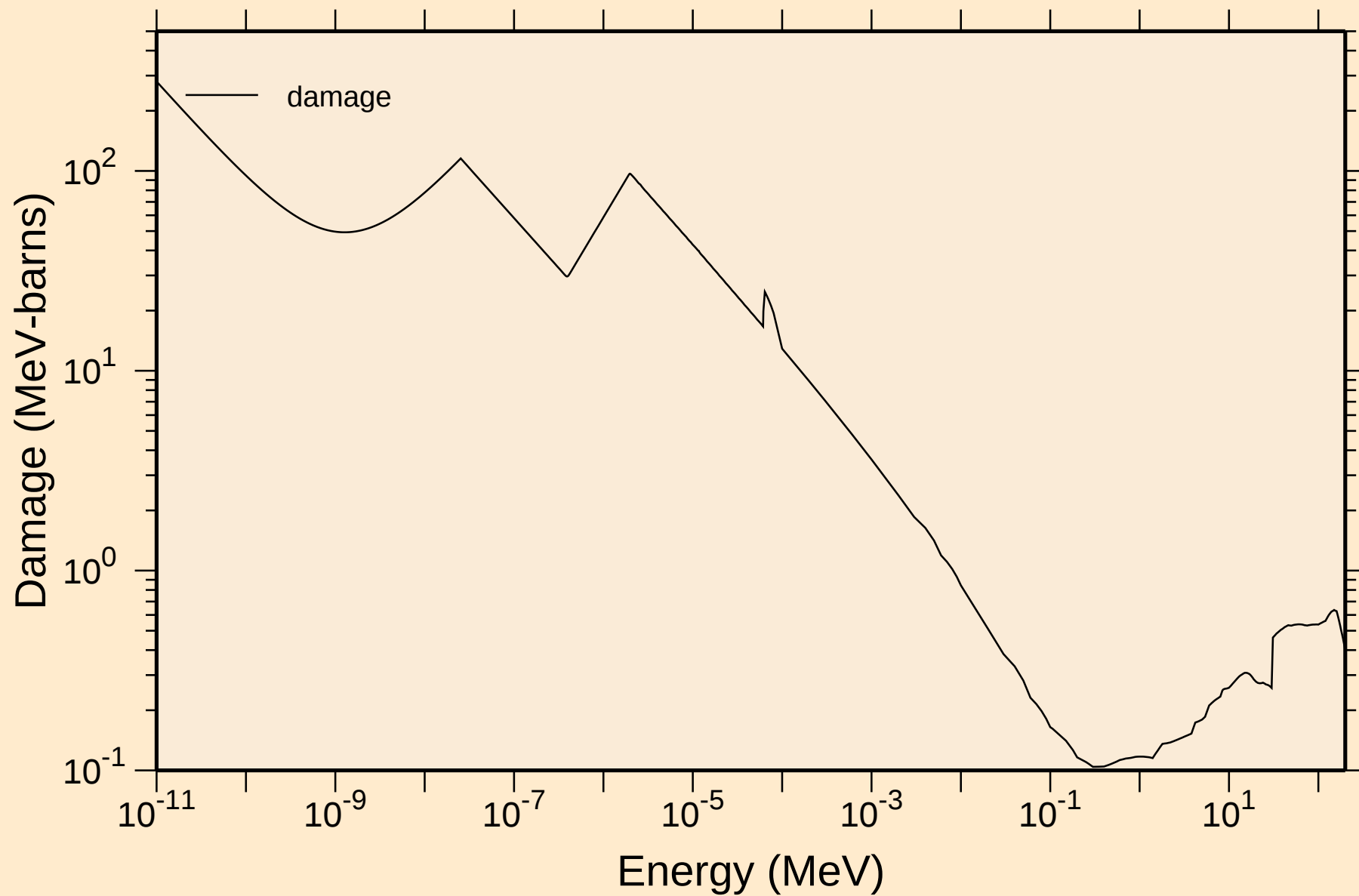
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resonance absorption cross sections



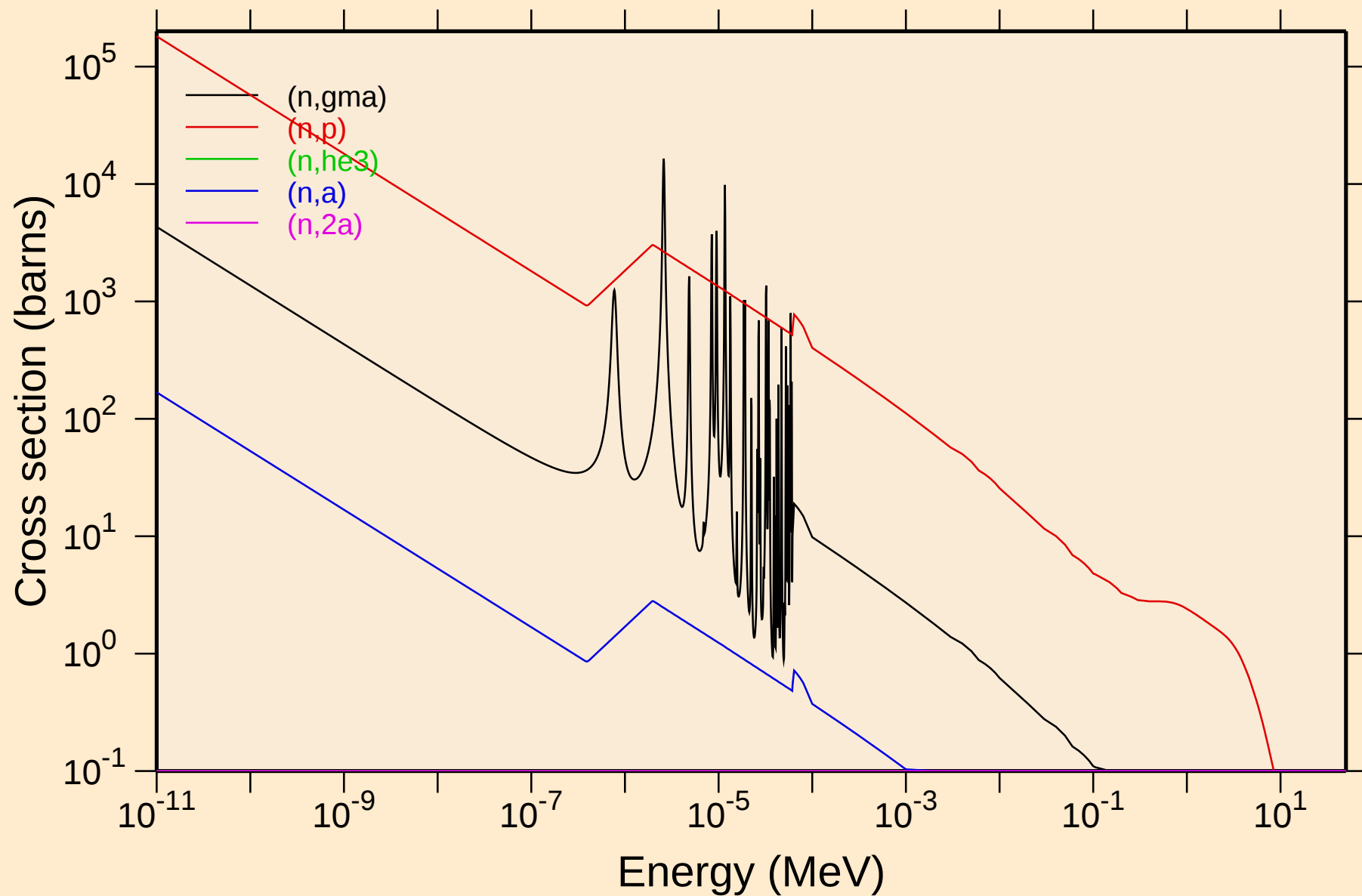
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating



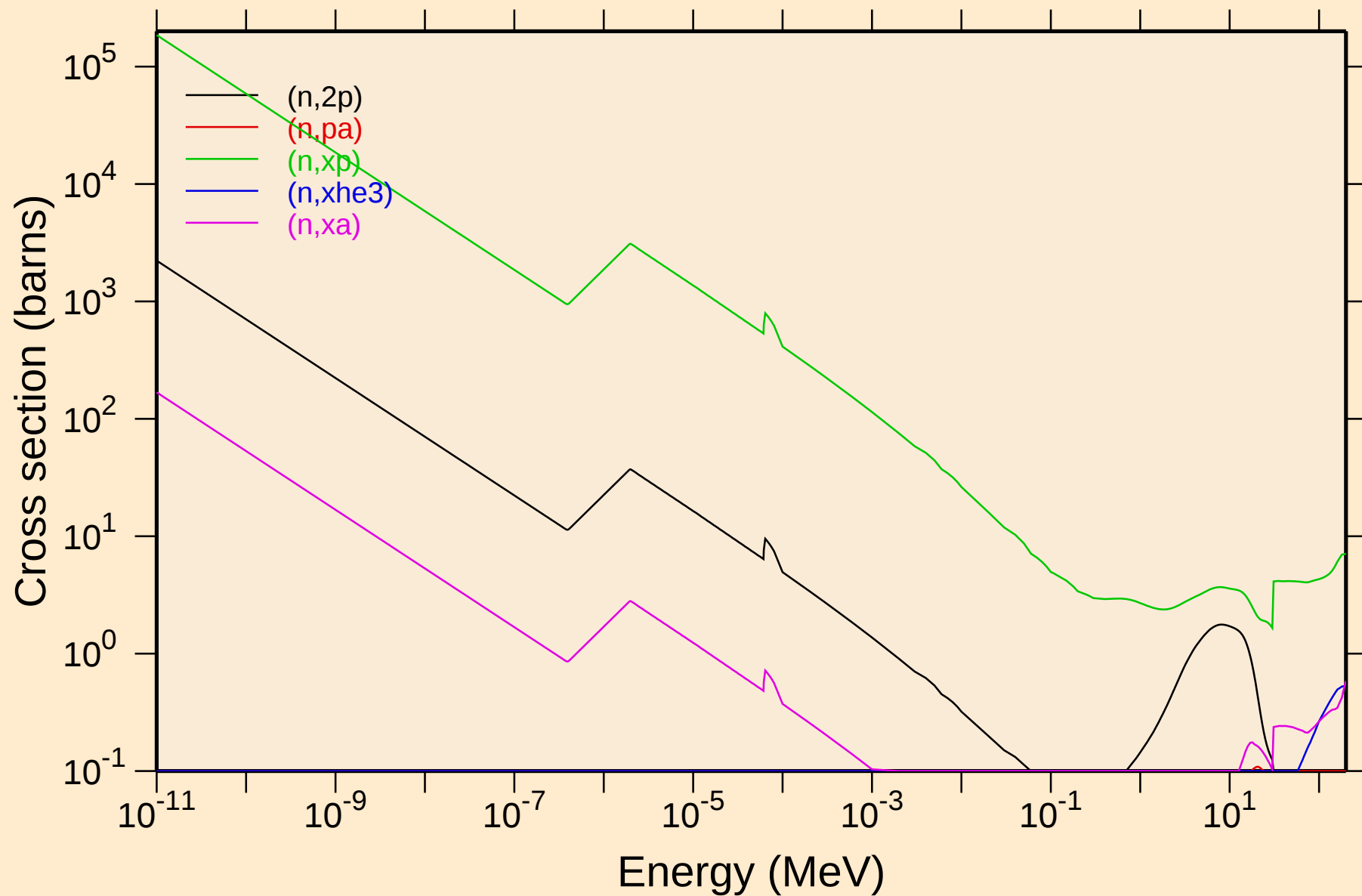
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Damage



ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

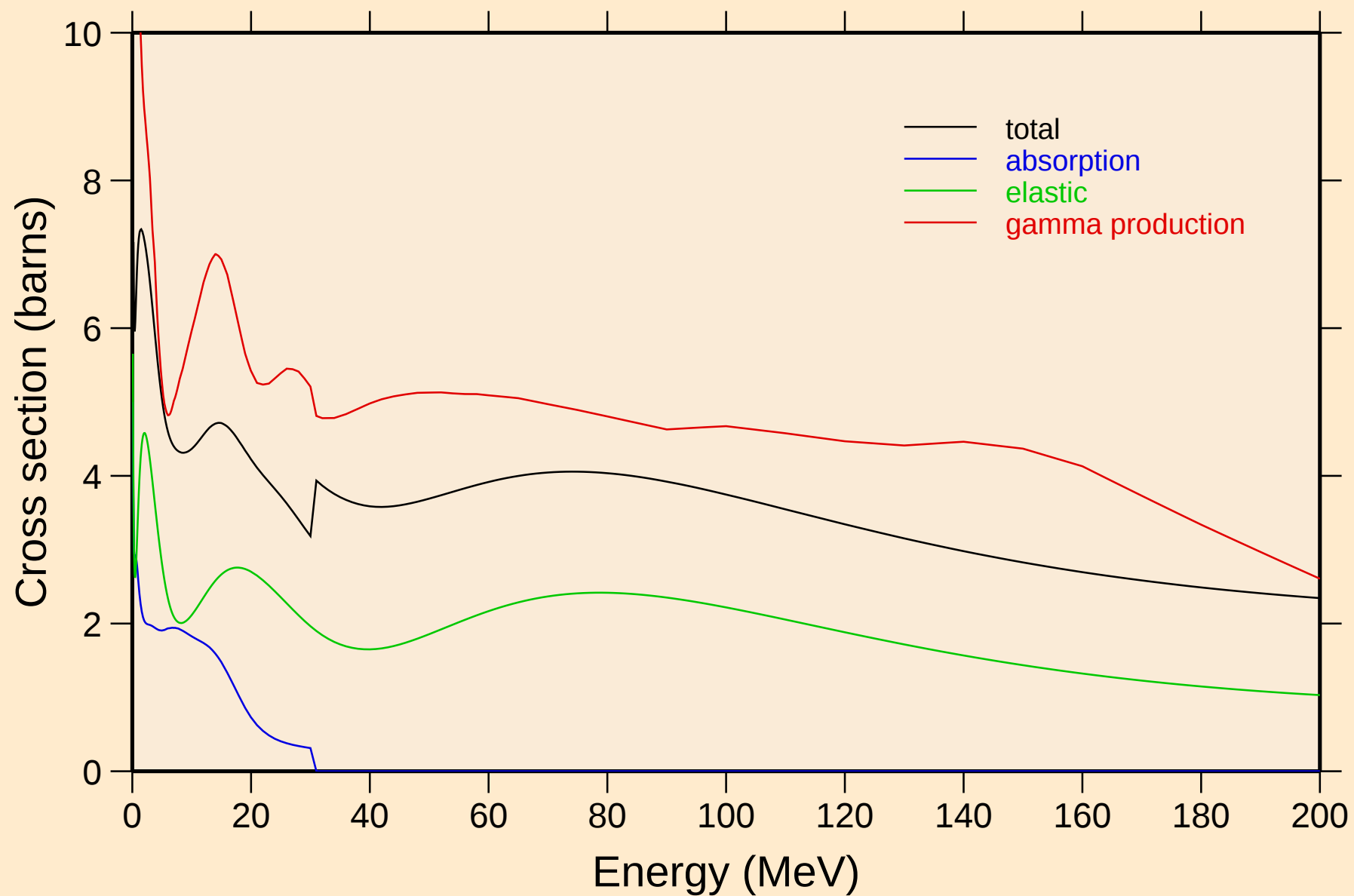


ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions

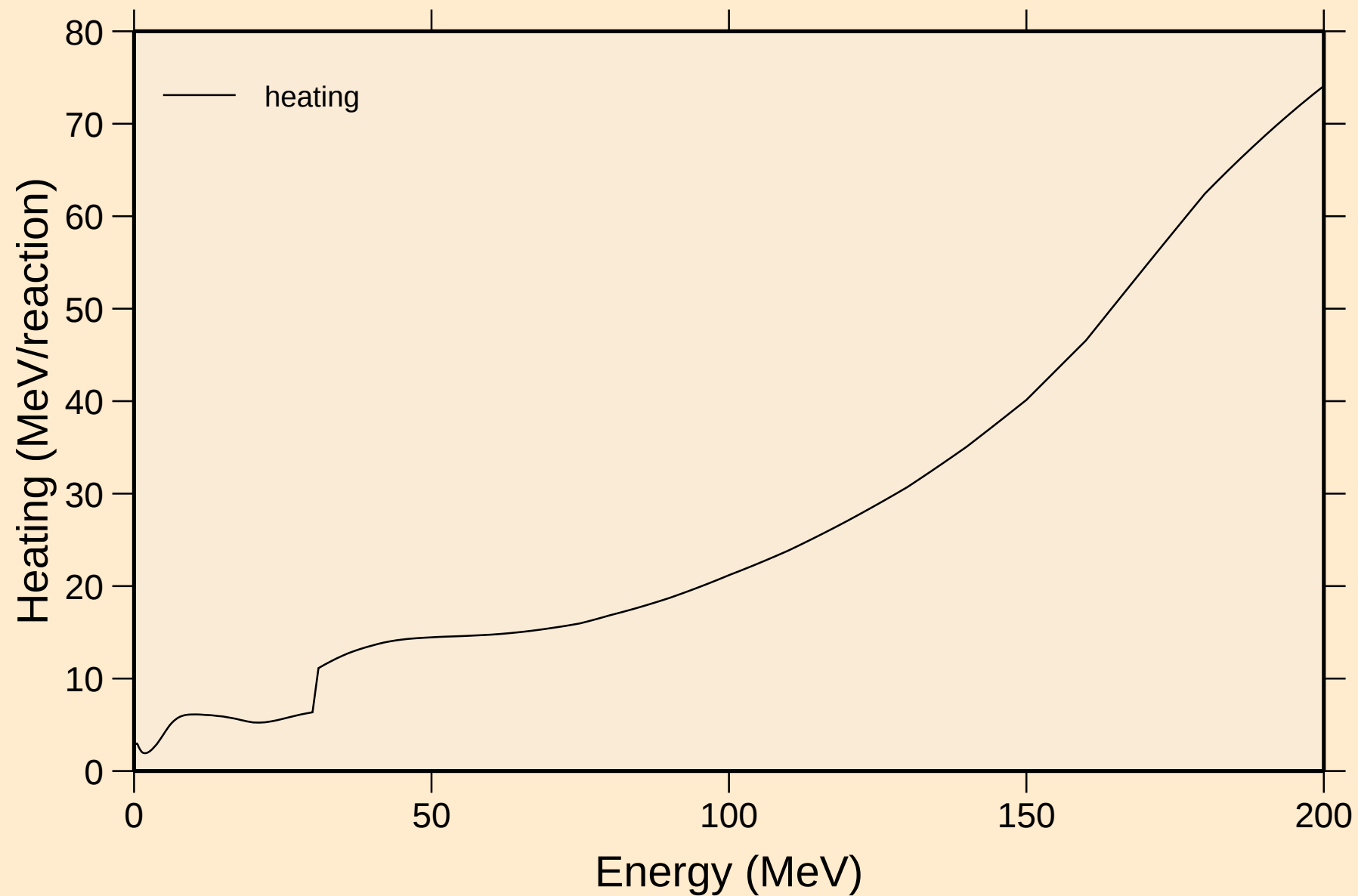


ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Principal cross sections

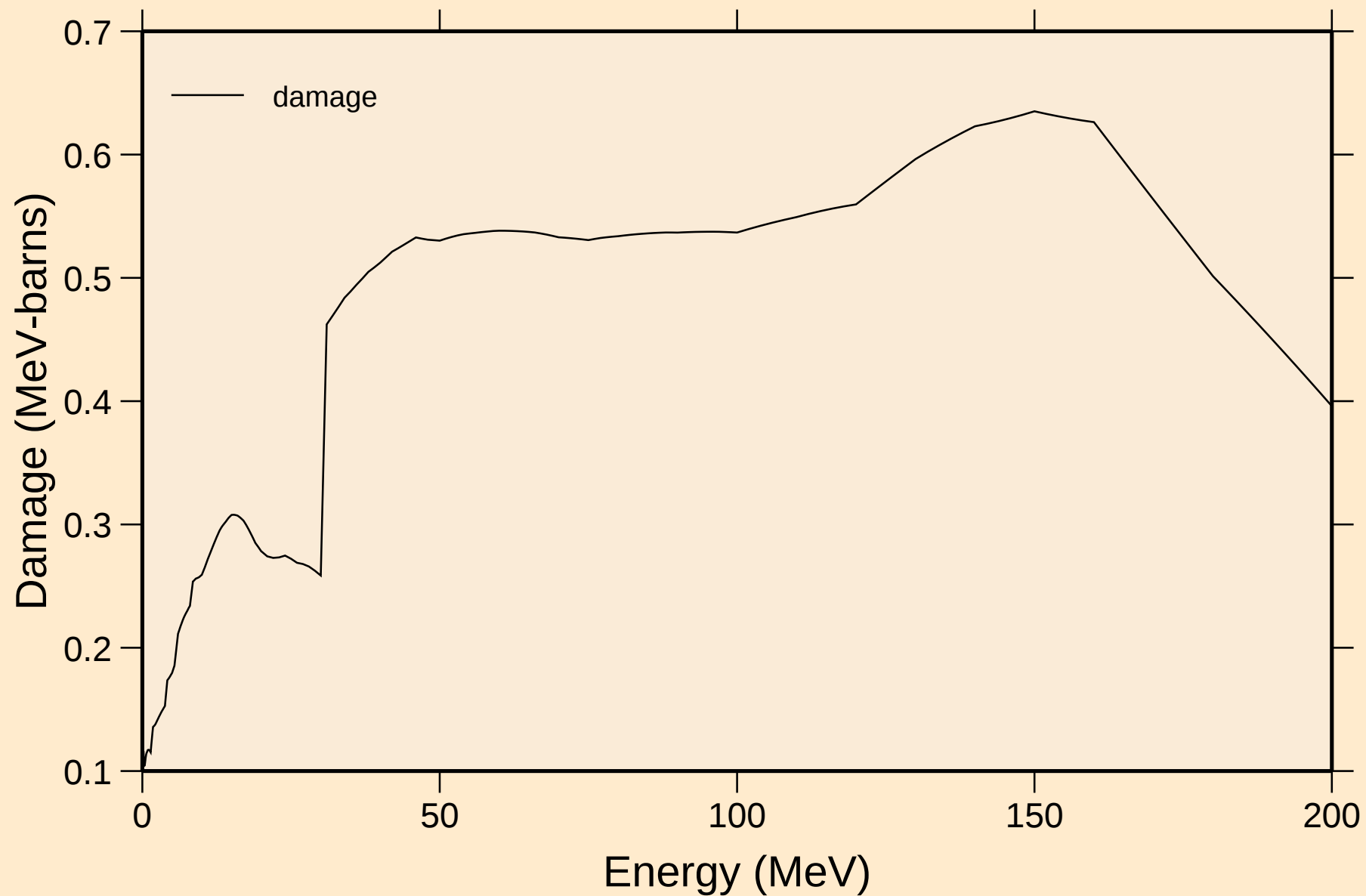


ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Heating

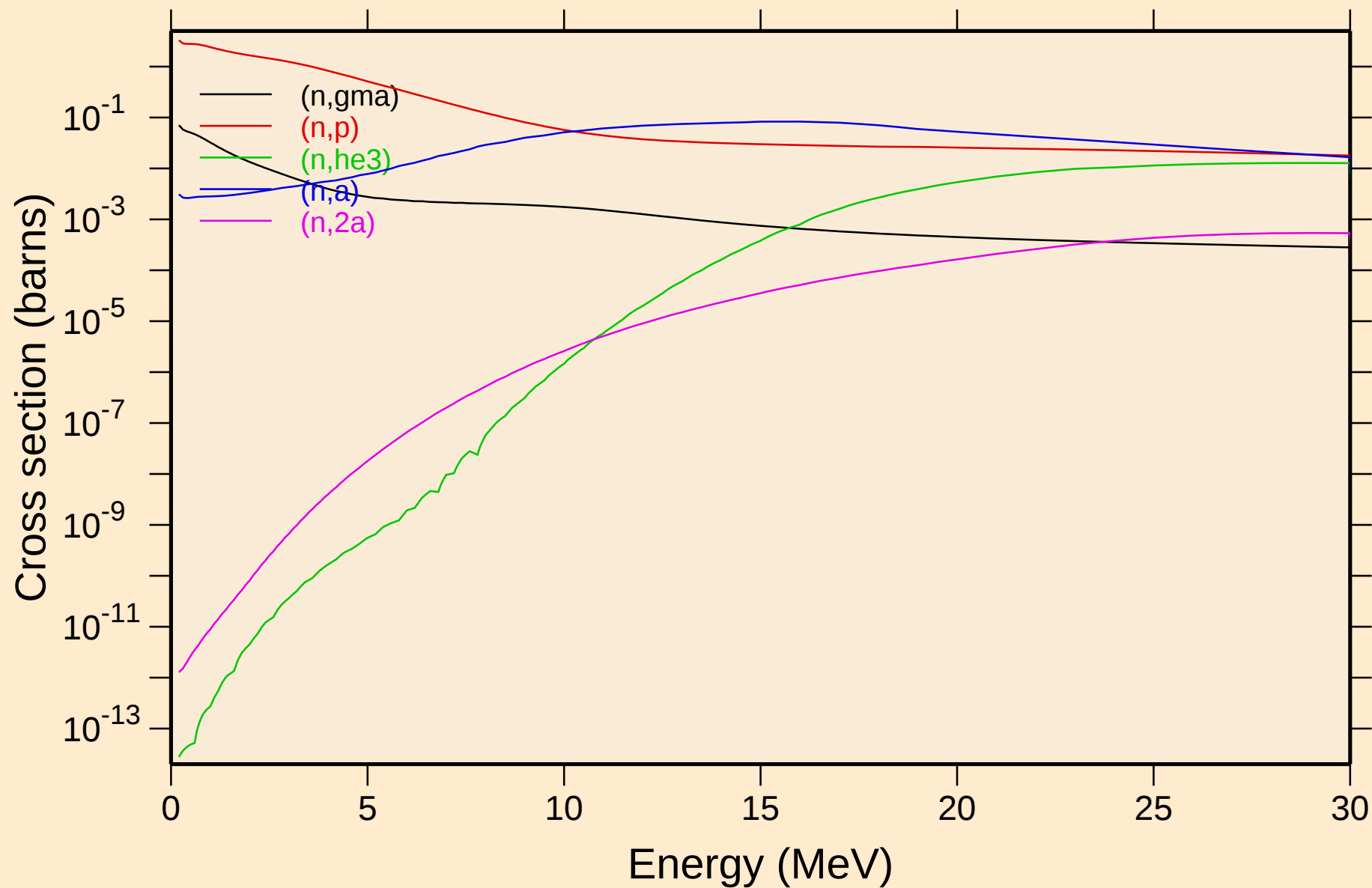


ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

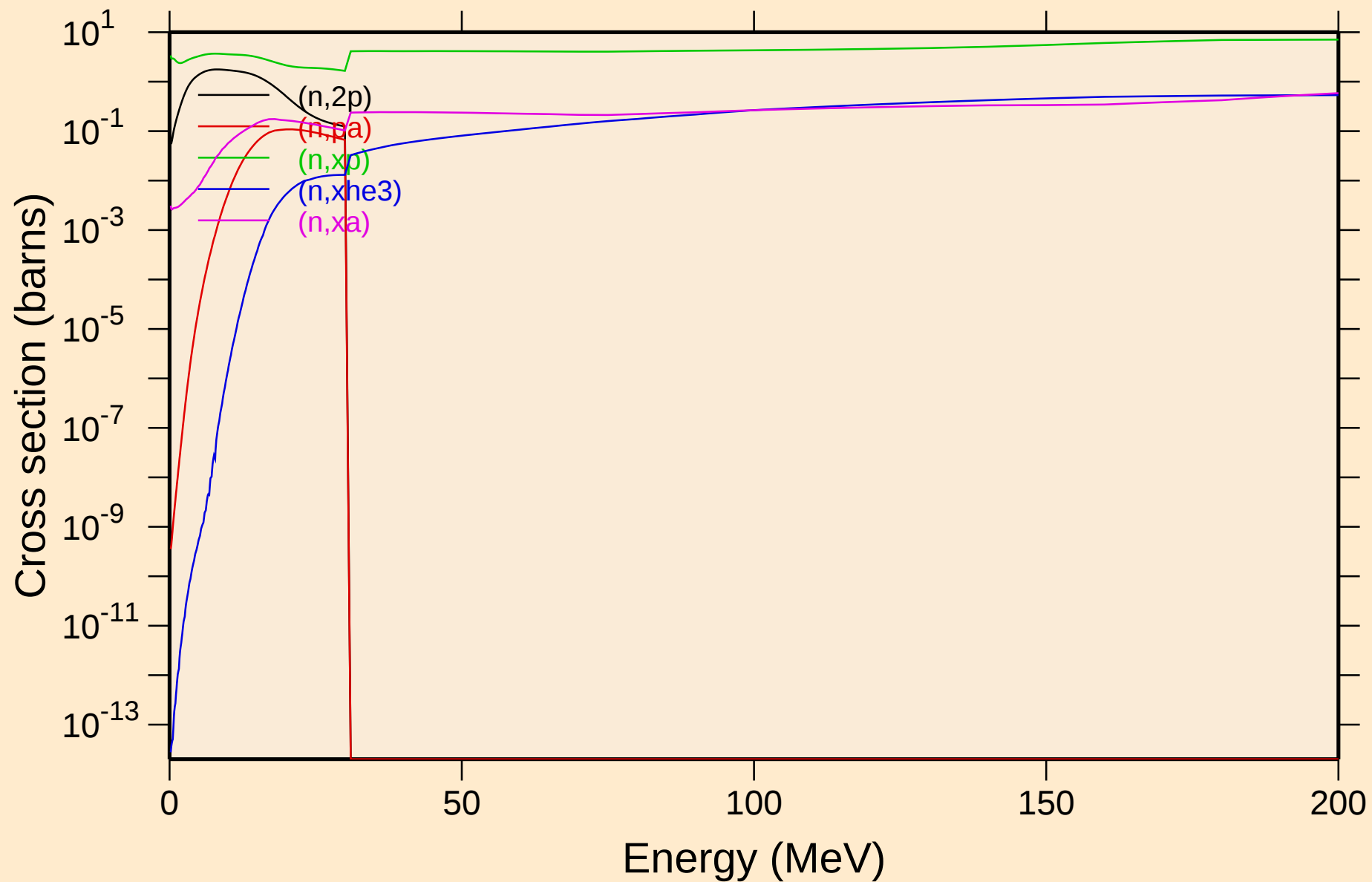
Damage



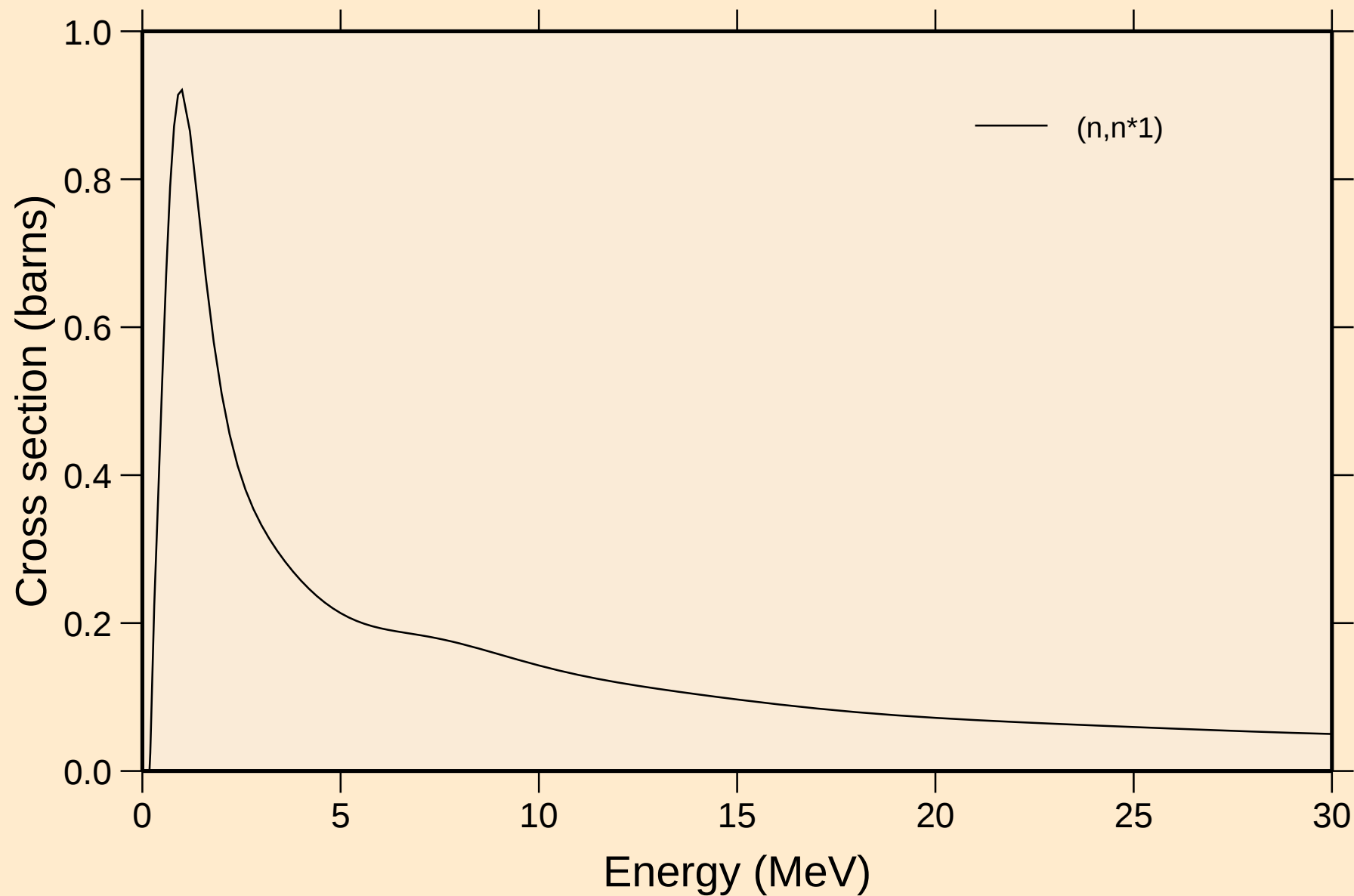
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



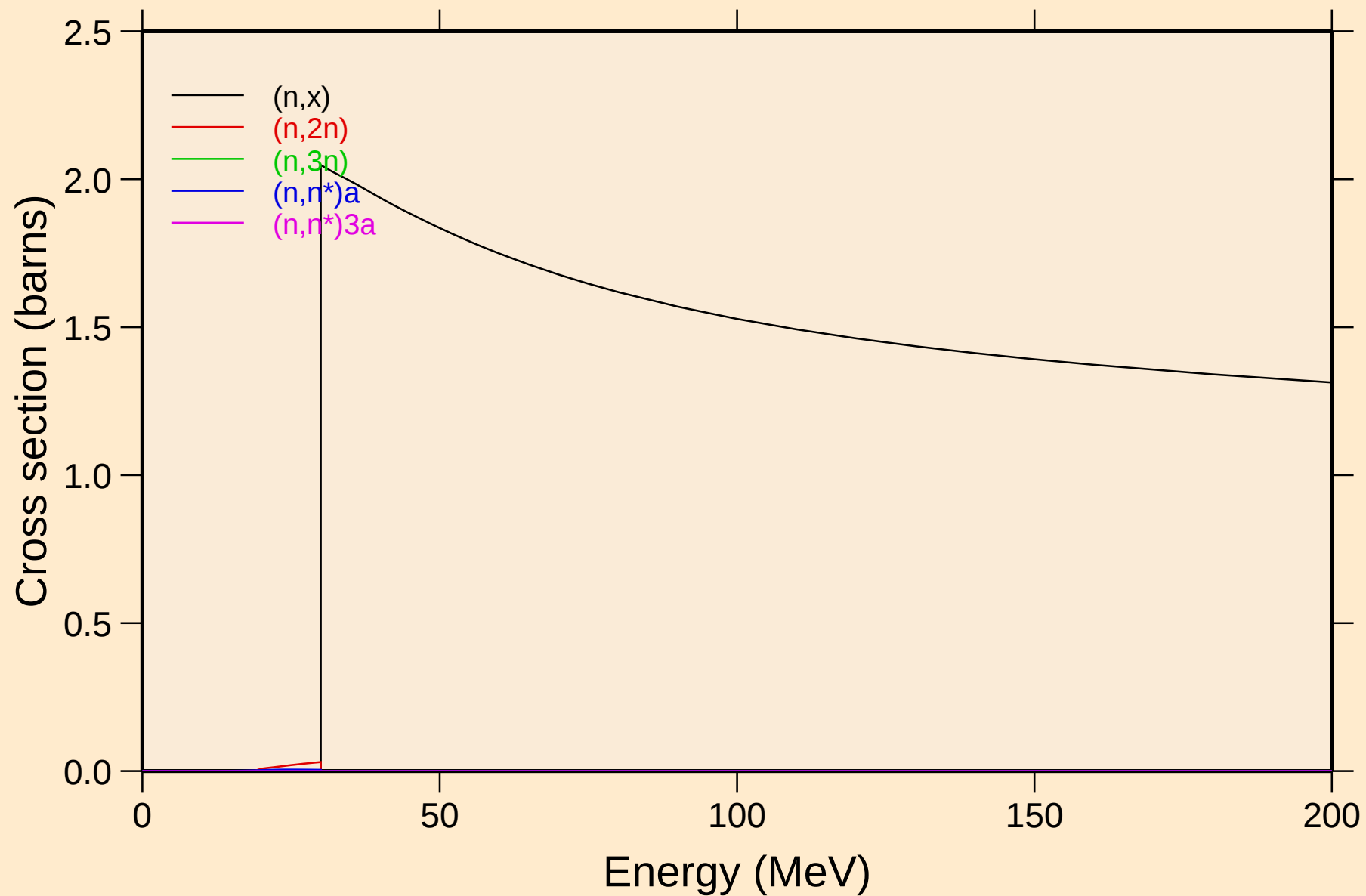
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Non-threshold reactions



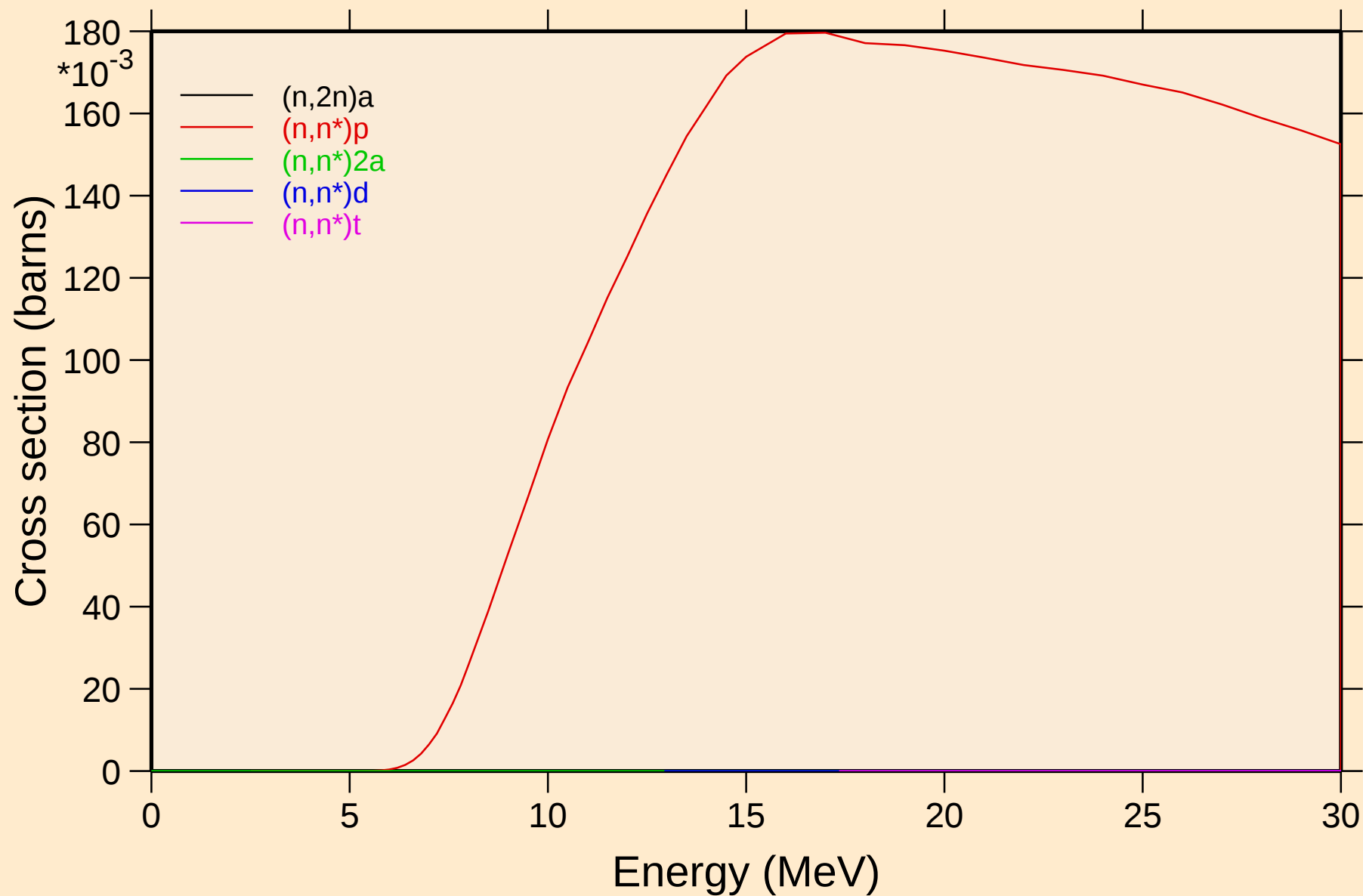
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Inelastic levels



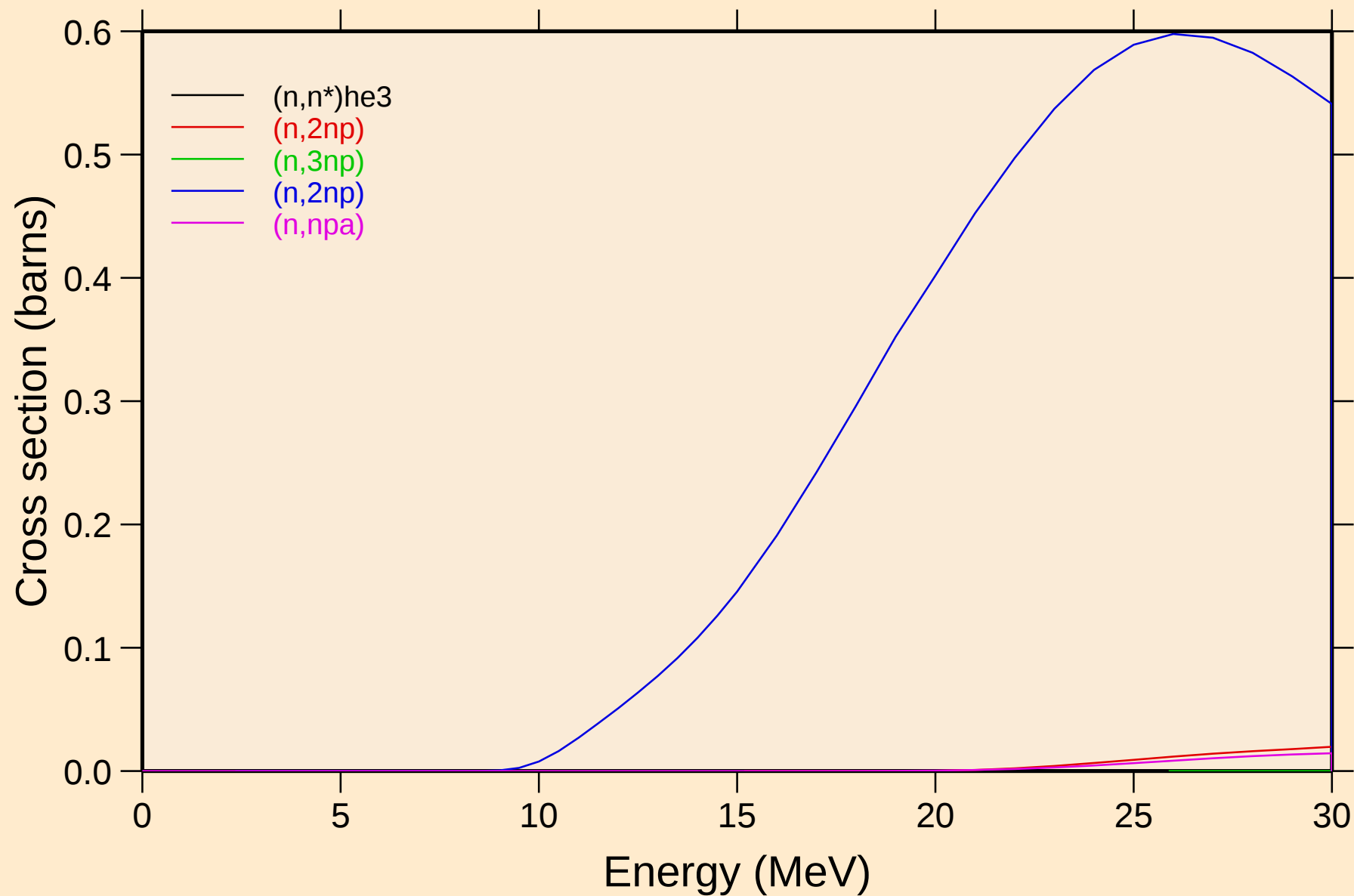
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



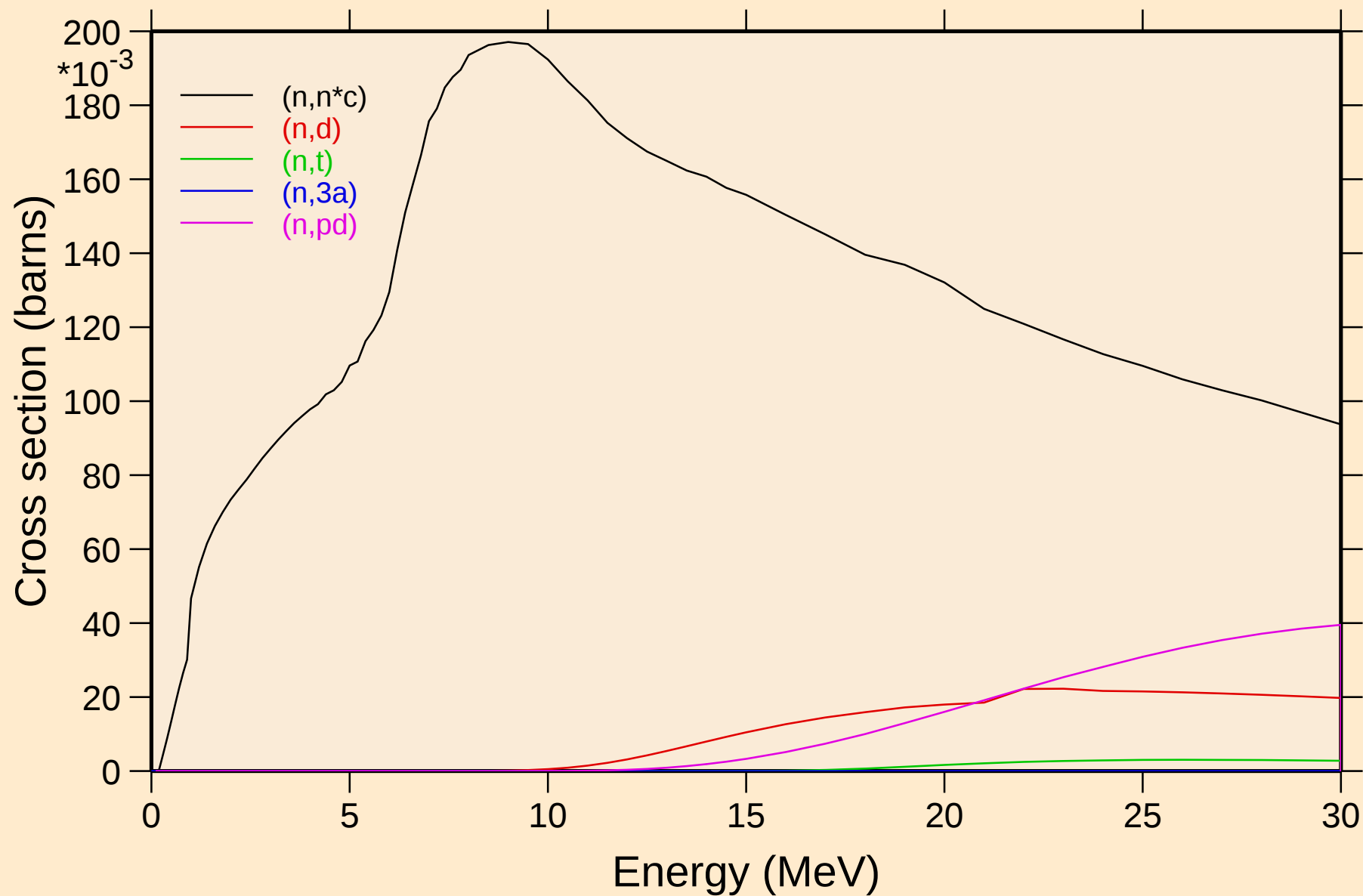
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



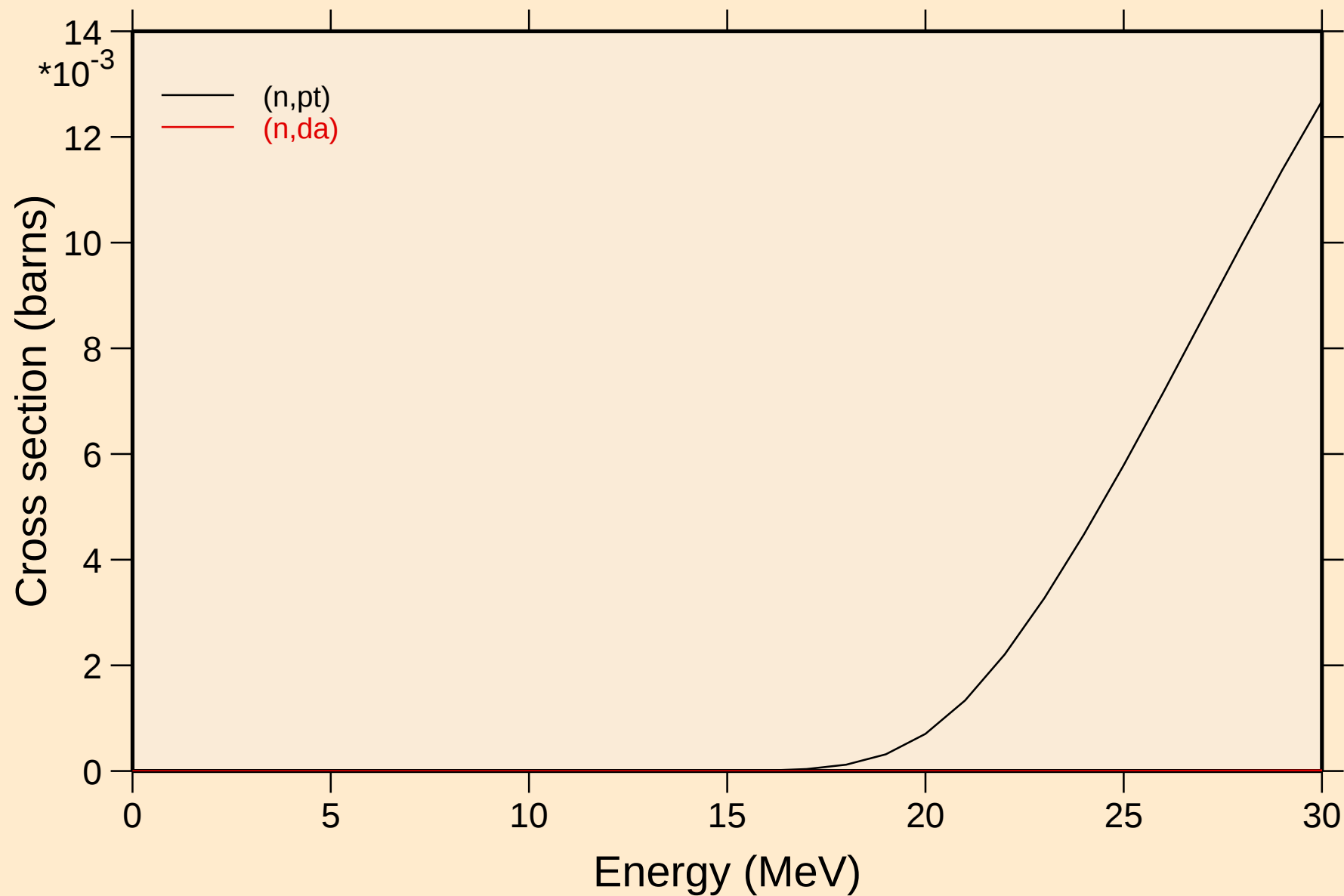
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



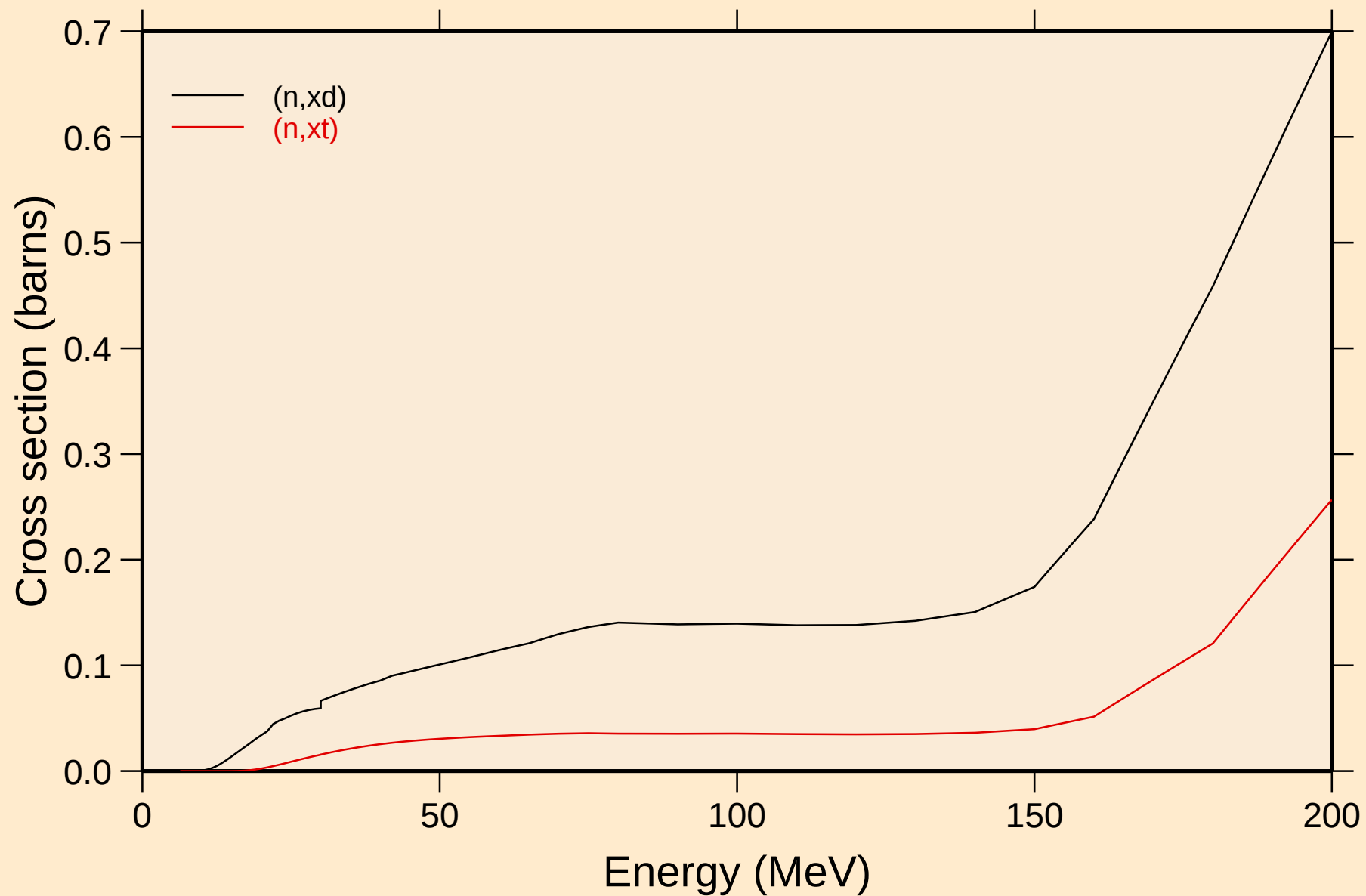
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



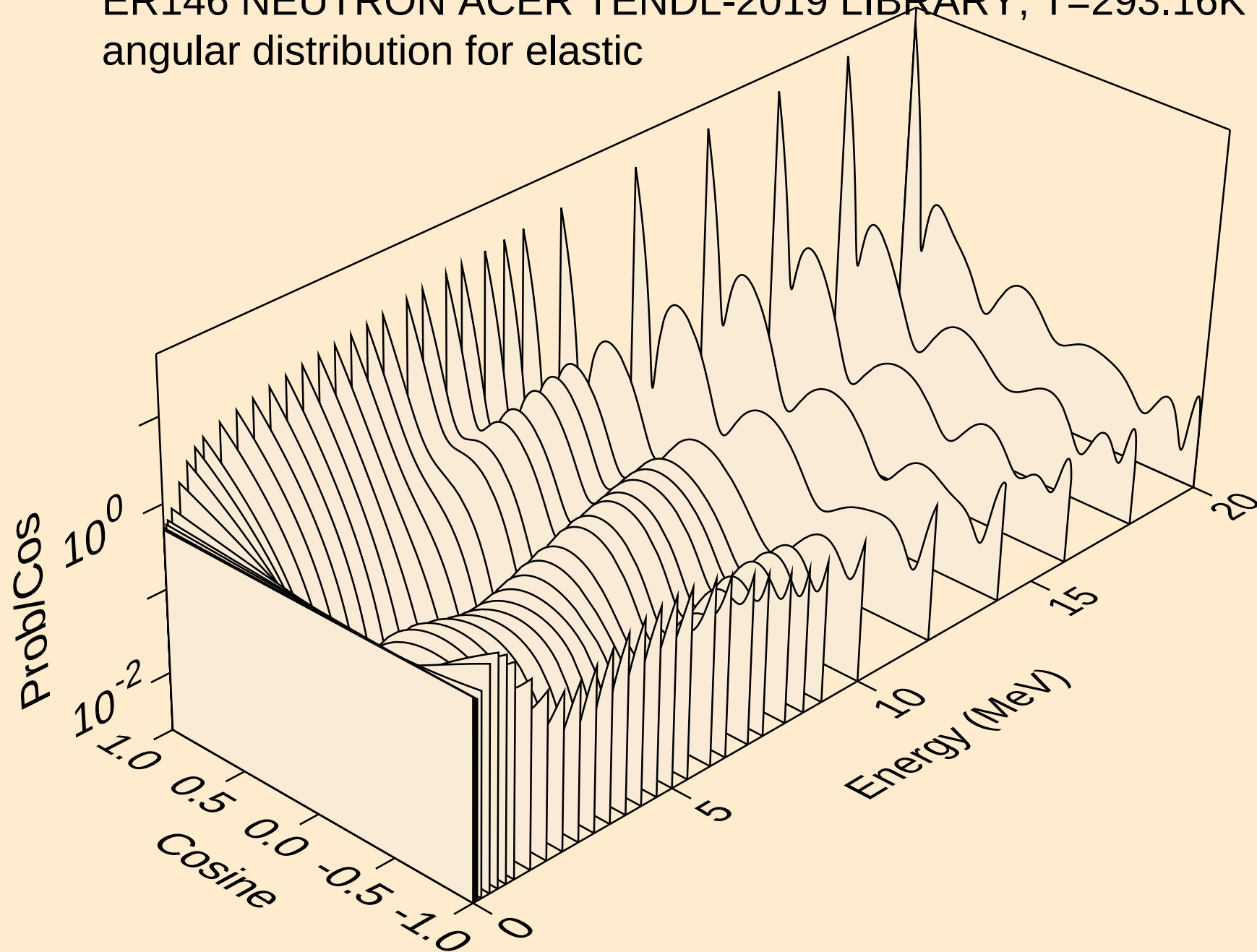
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



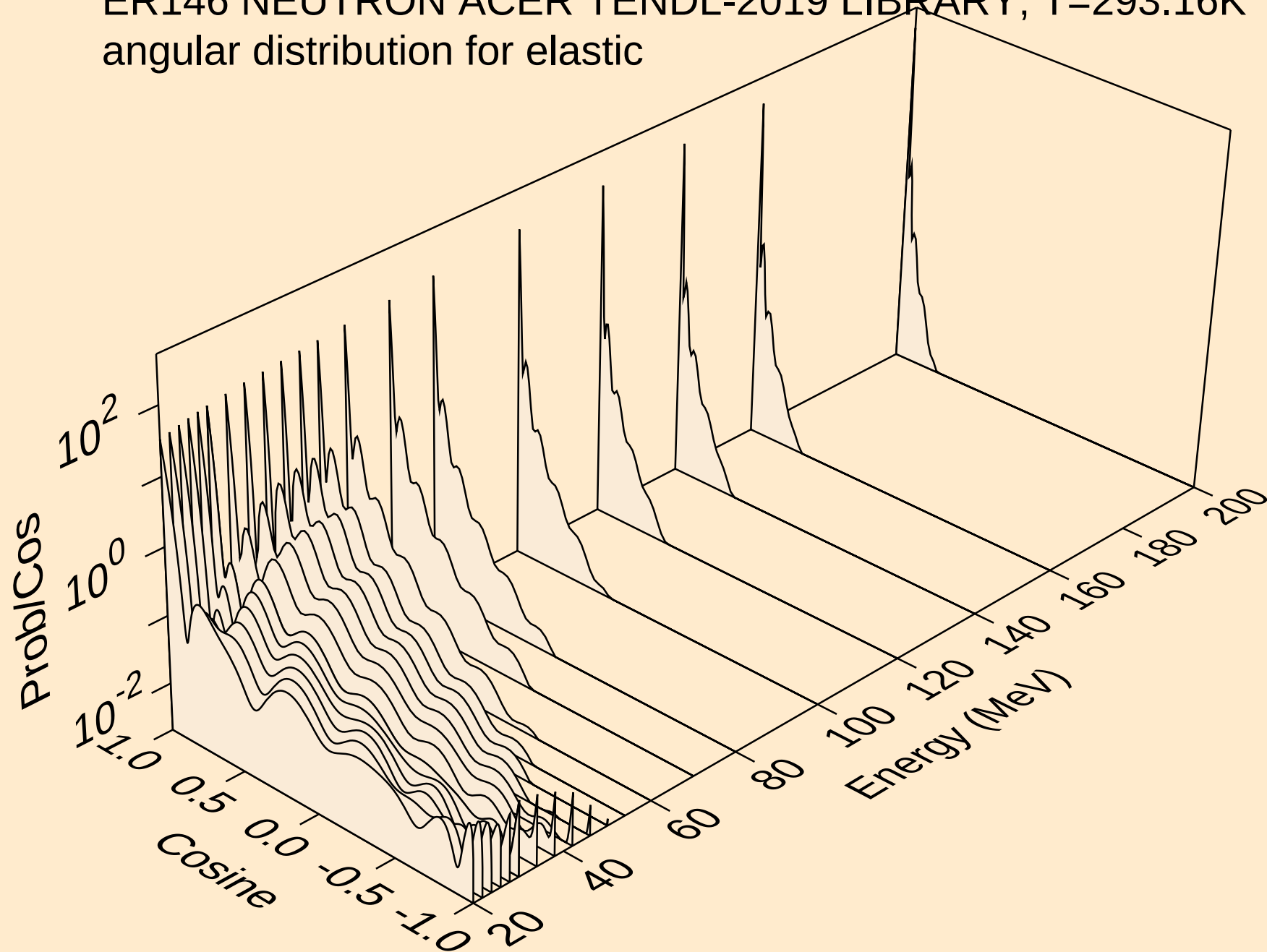
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Threshold reactions



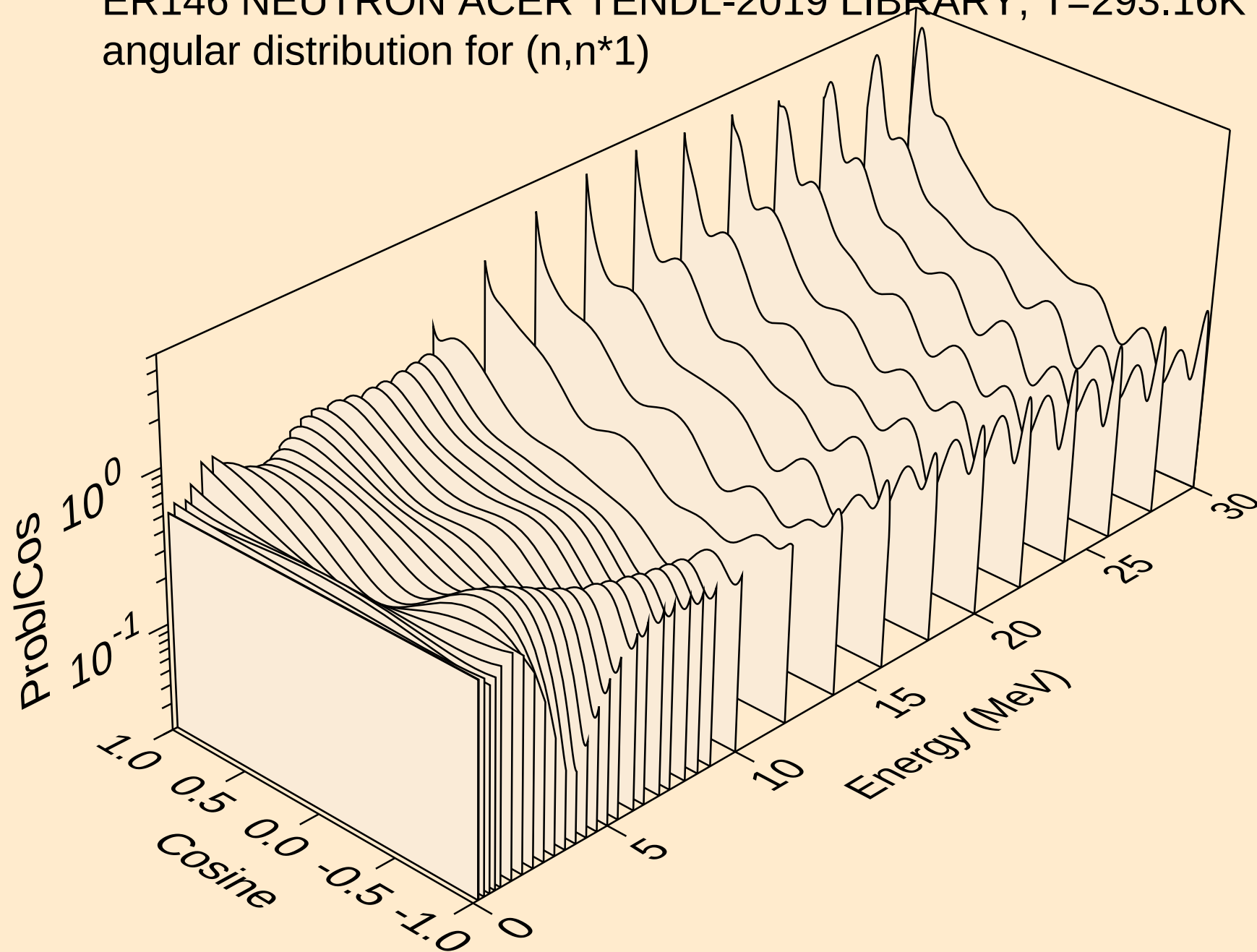
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



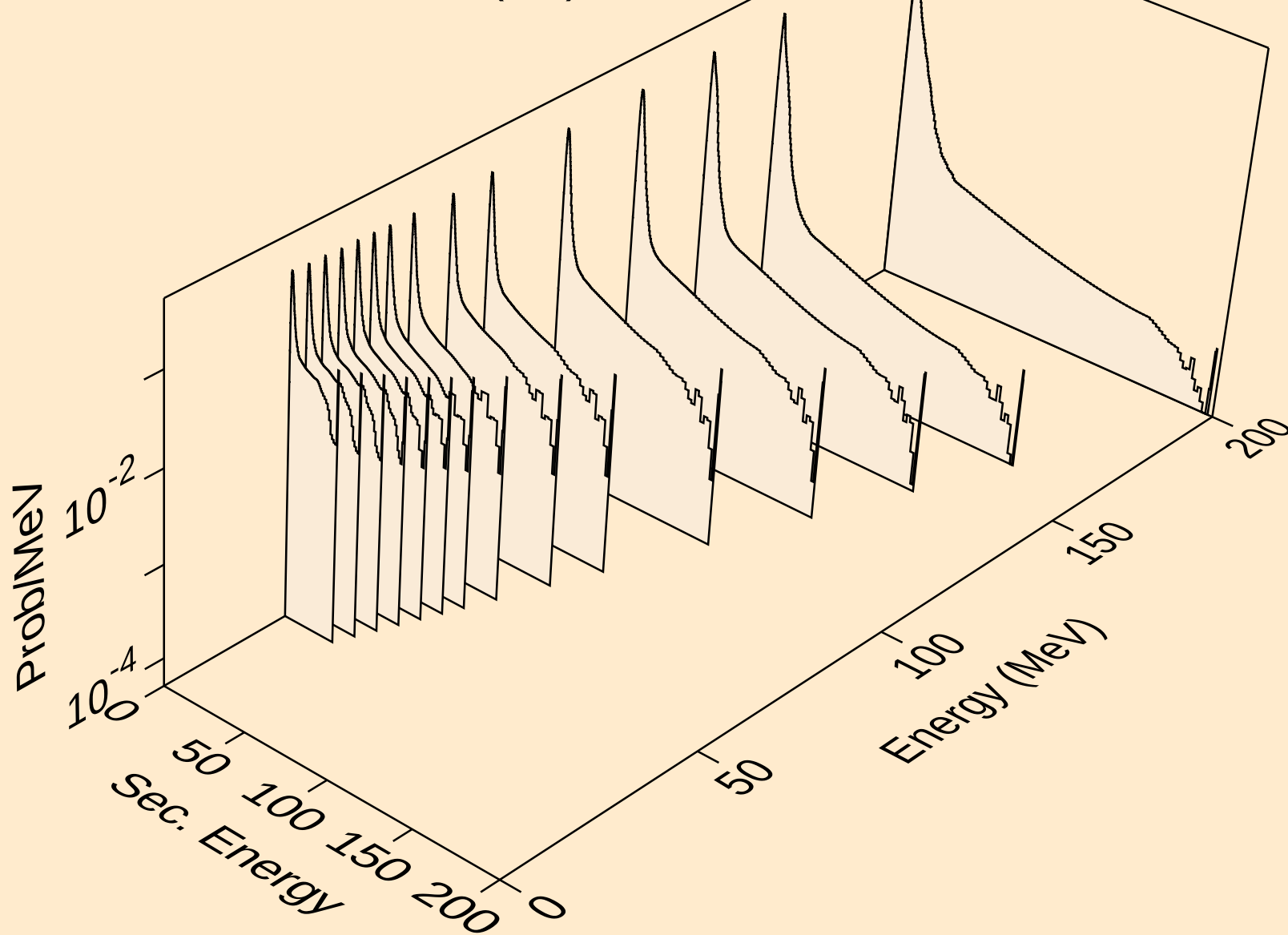
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for elastic



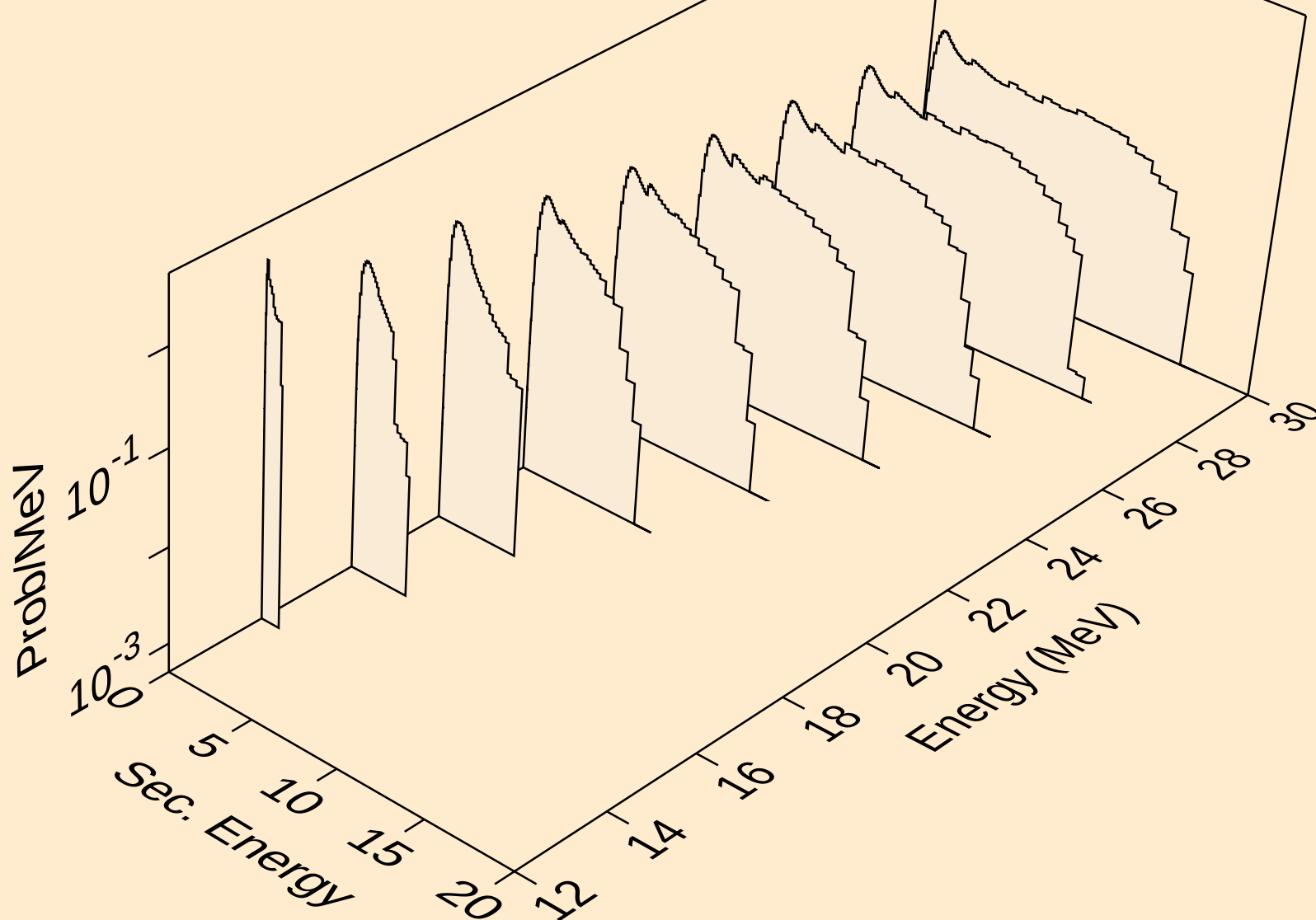
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
angular distribution for (n,n*1)



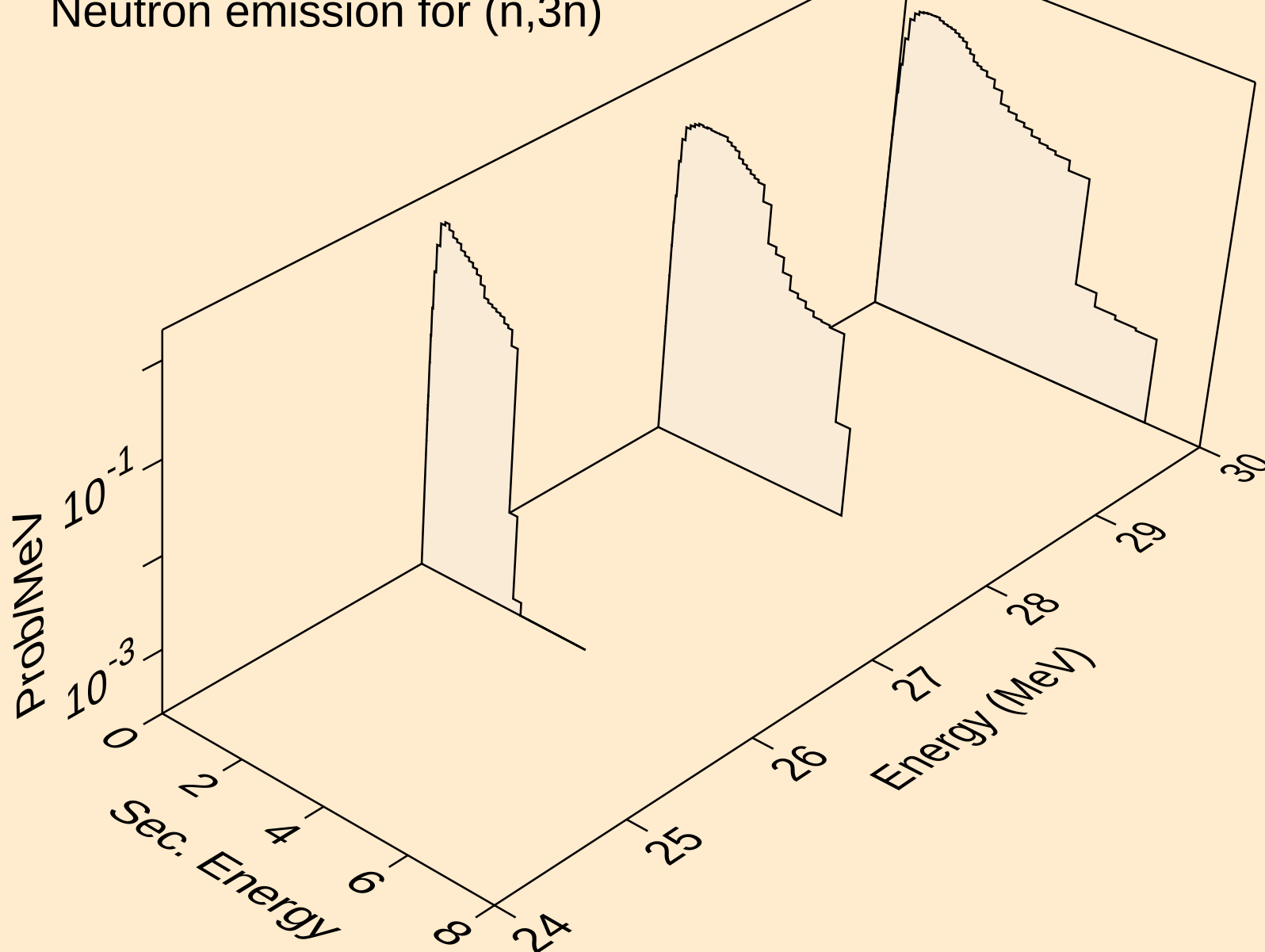
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,x)



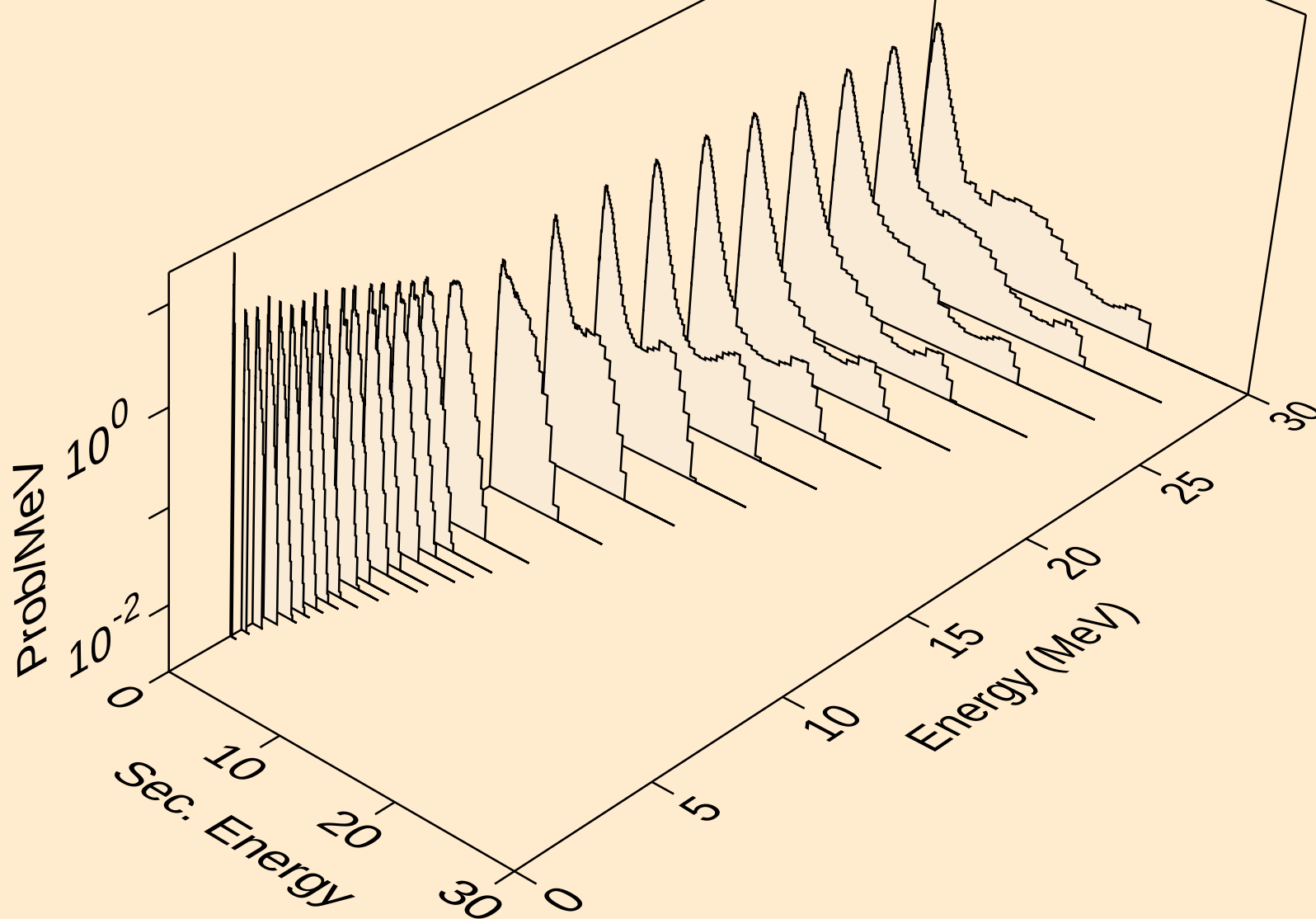
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)



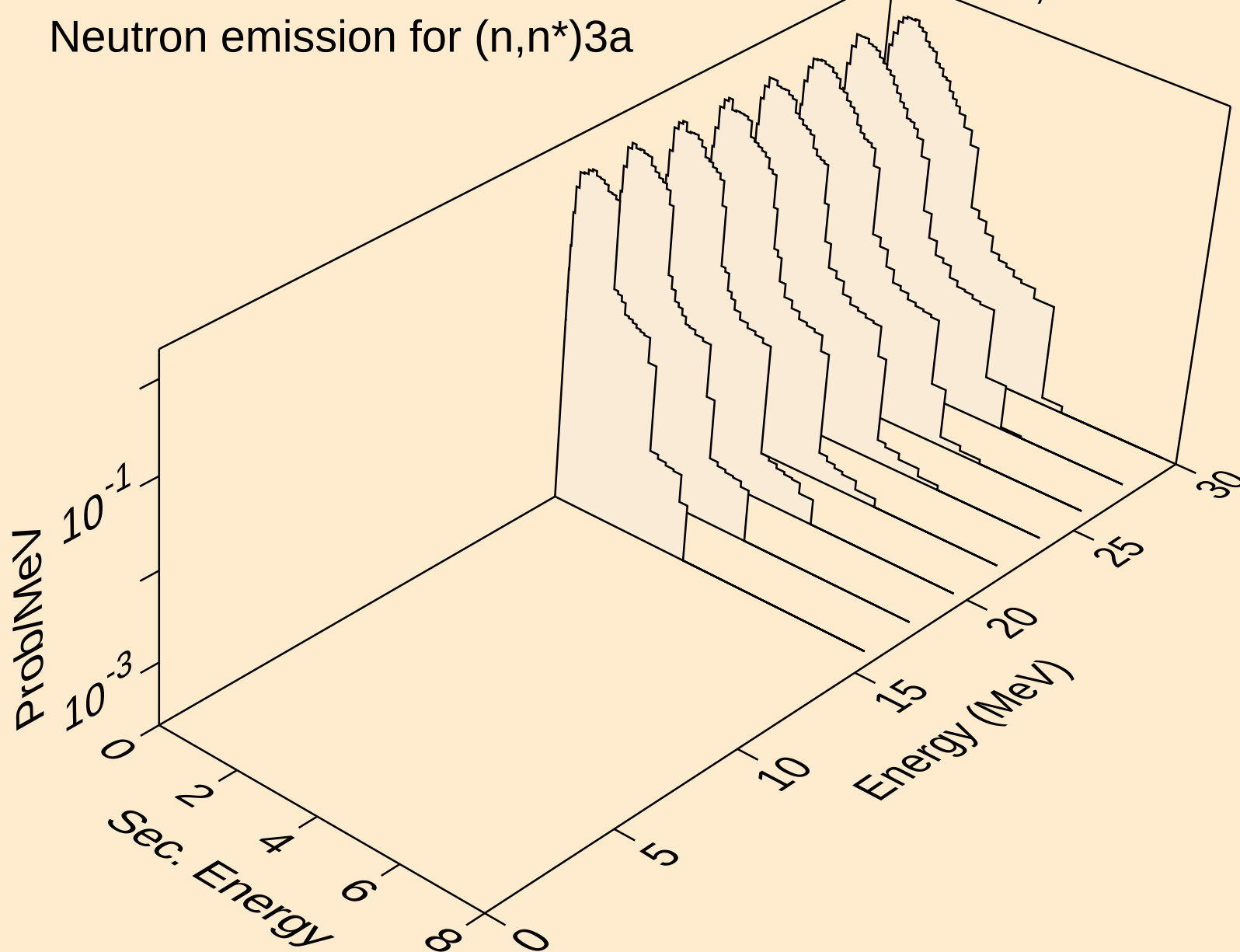
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3n)



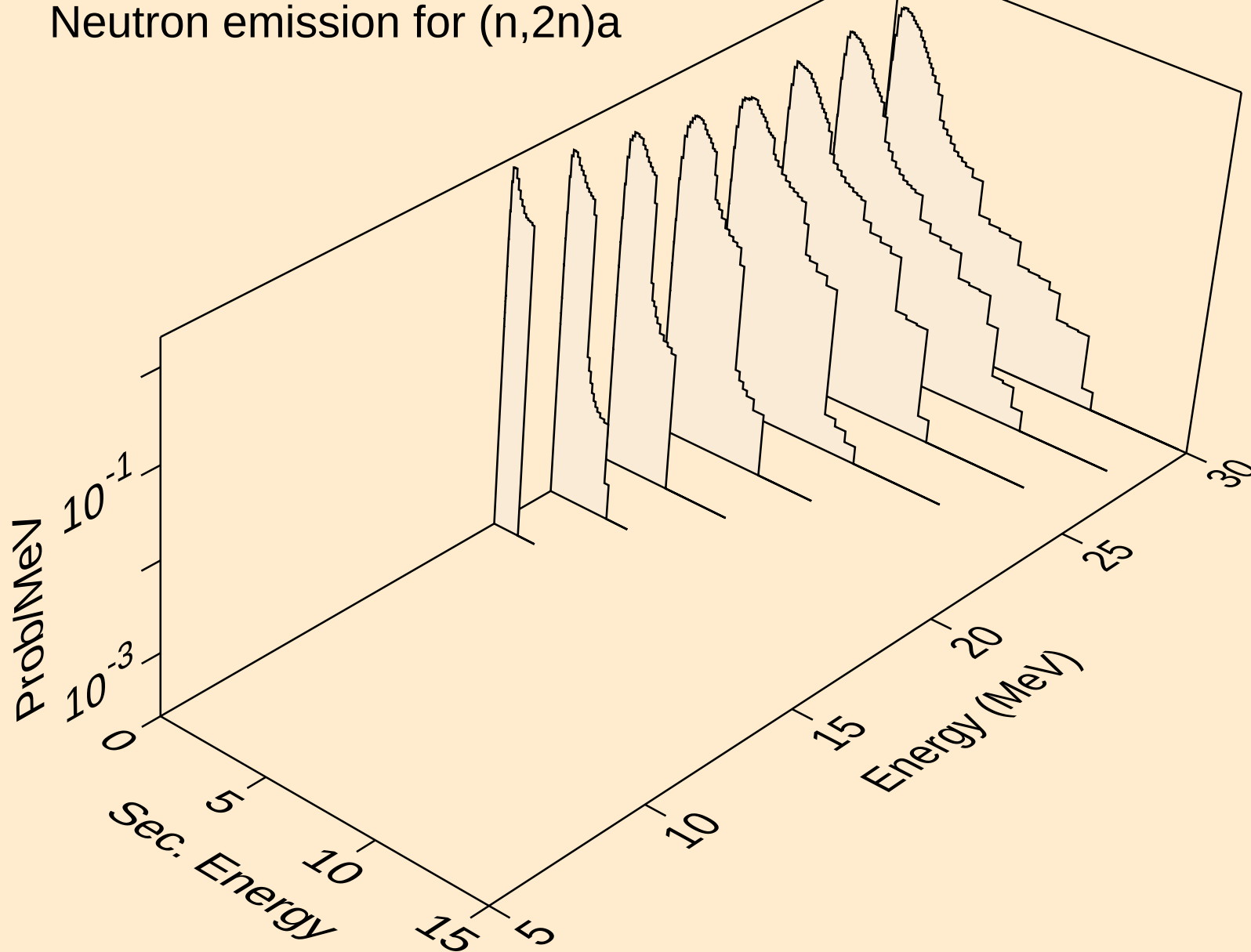
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)a



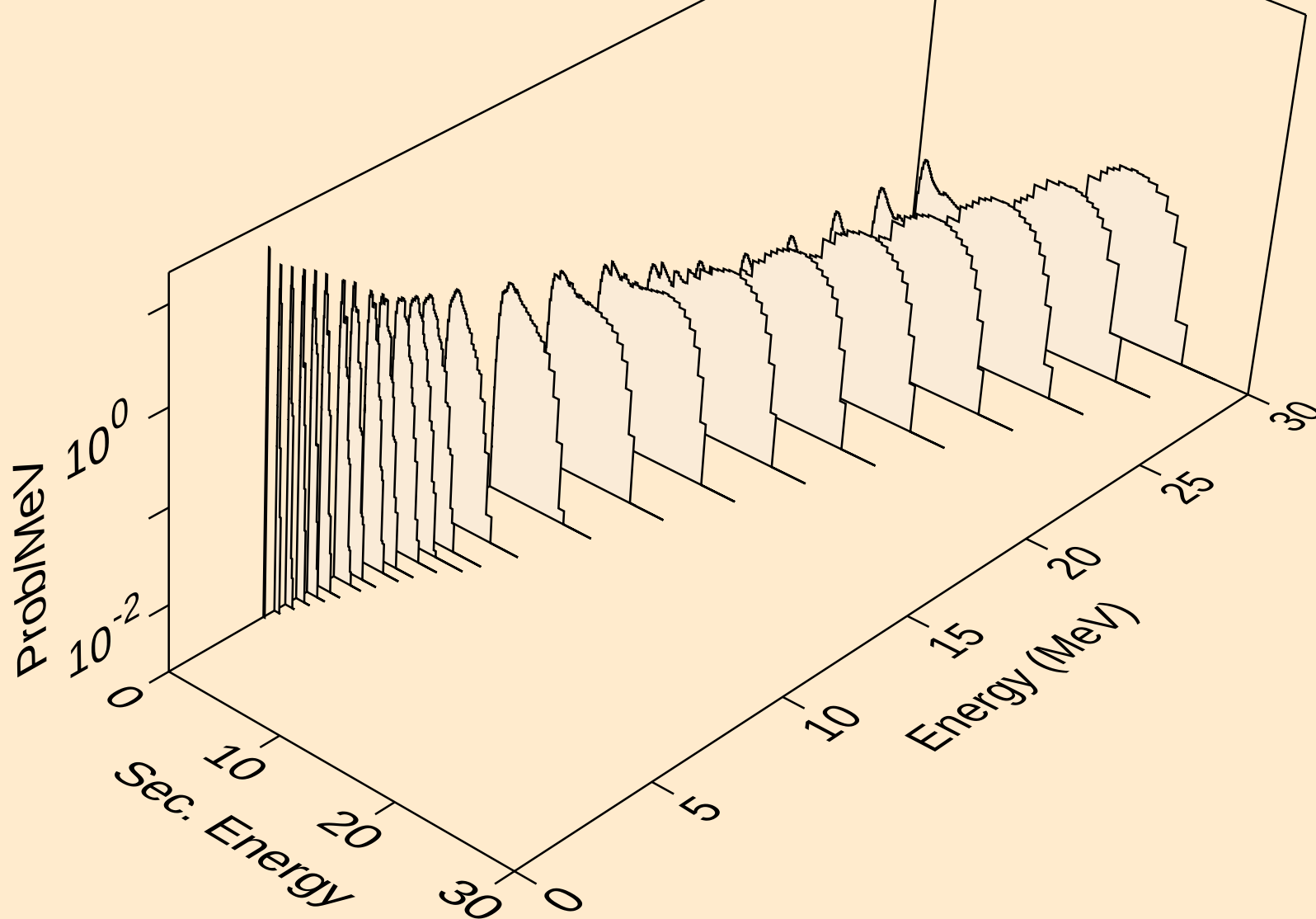
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)3a



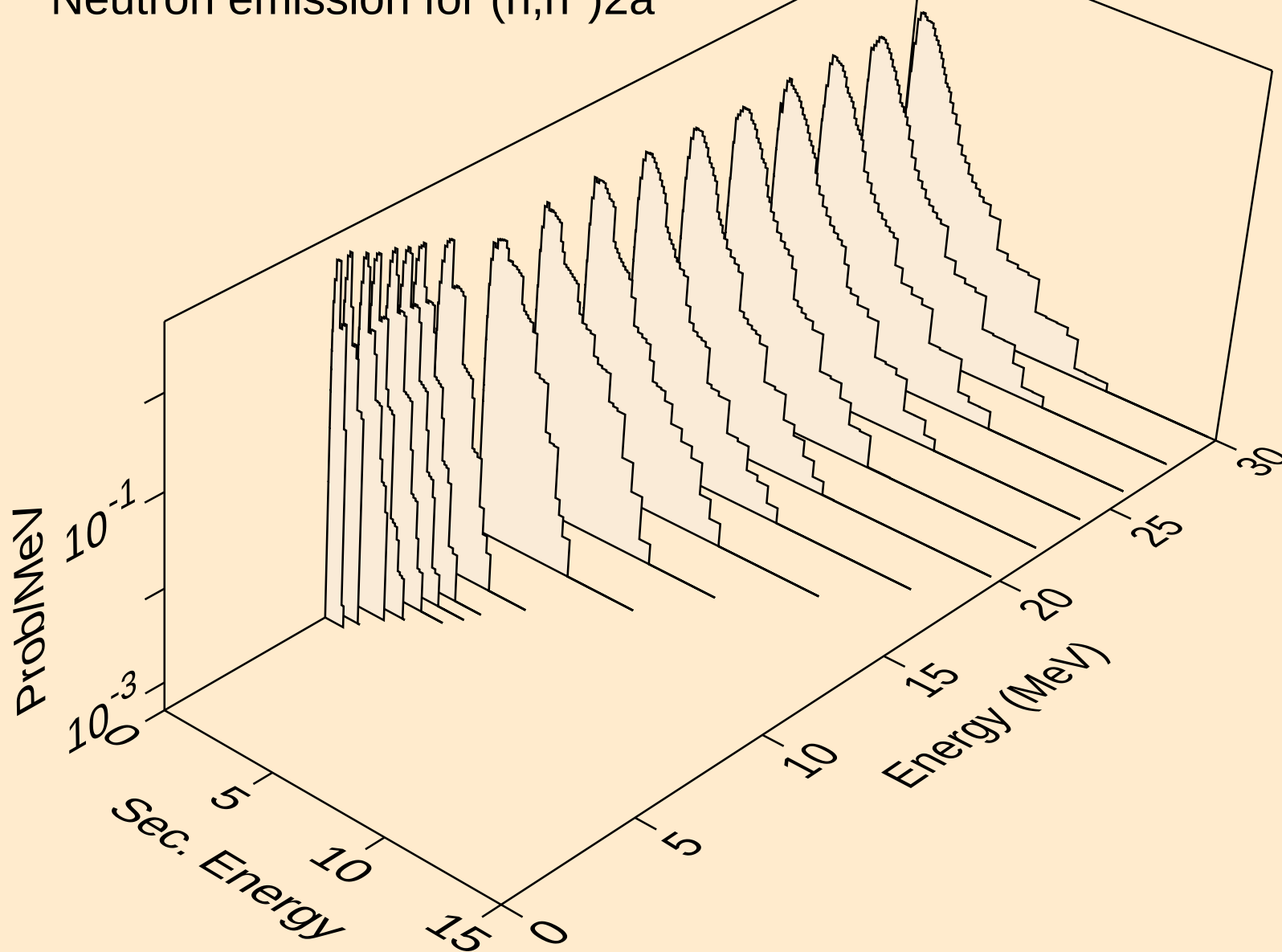
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2n)_a



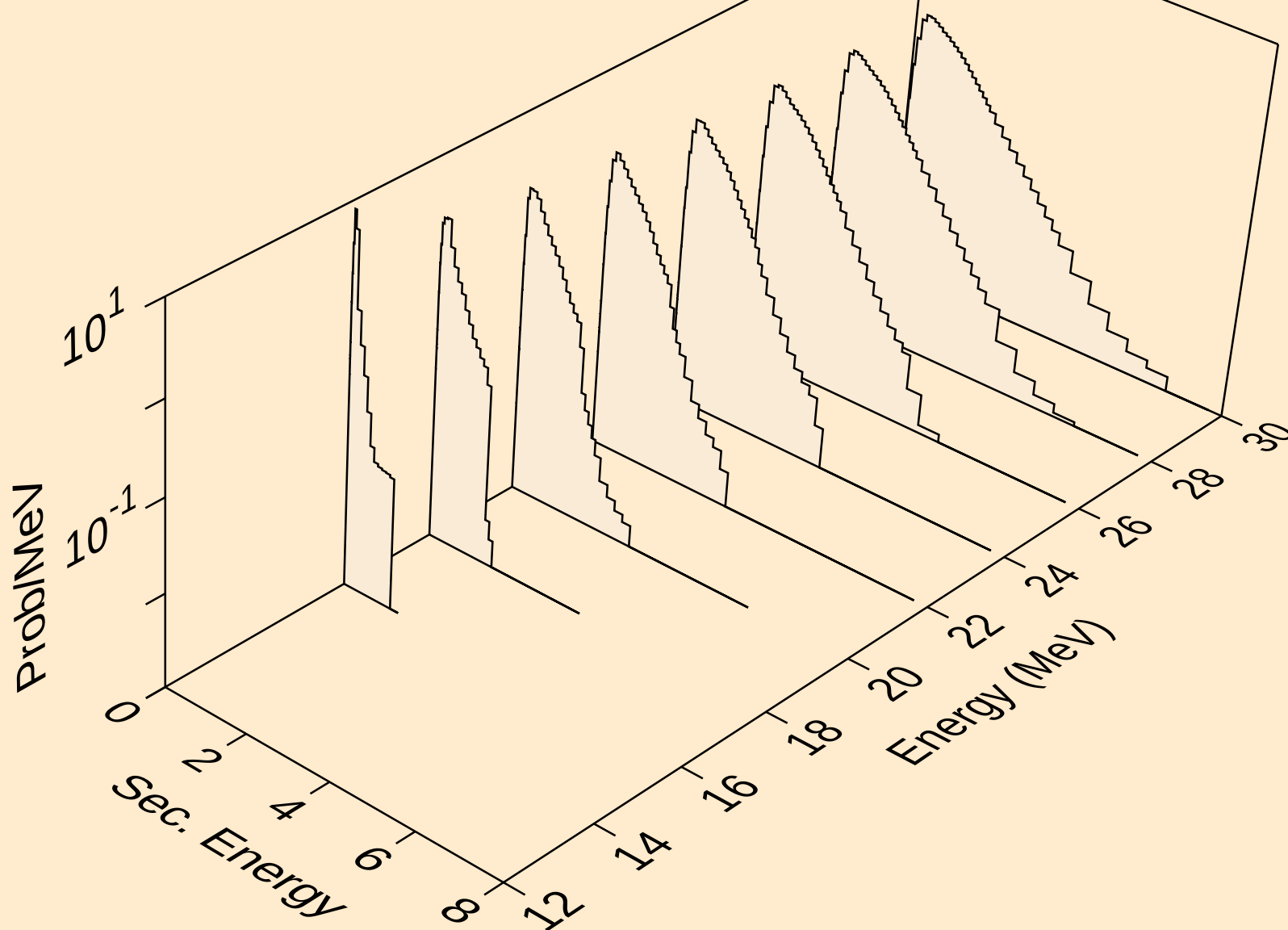
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)p



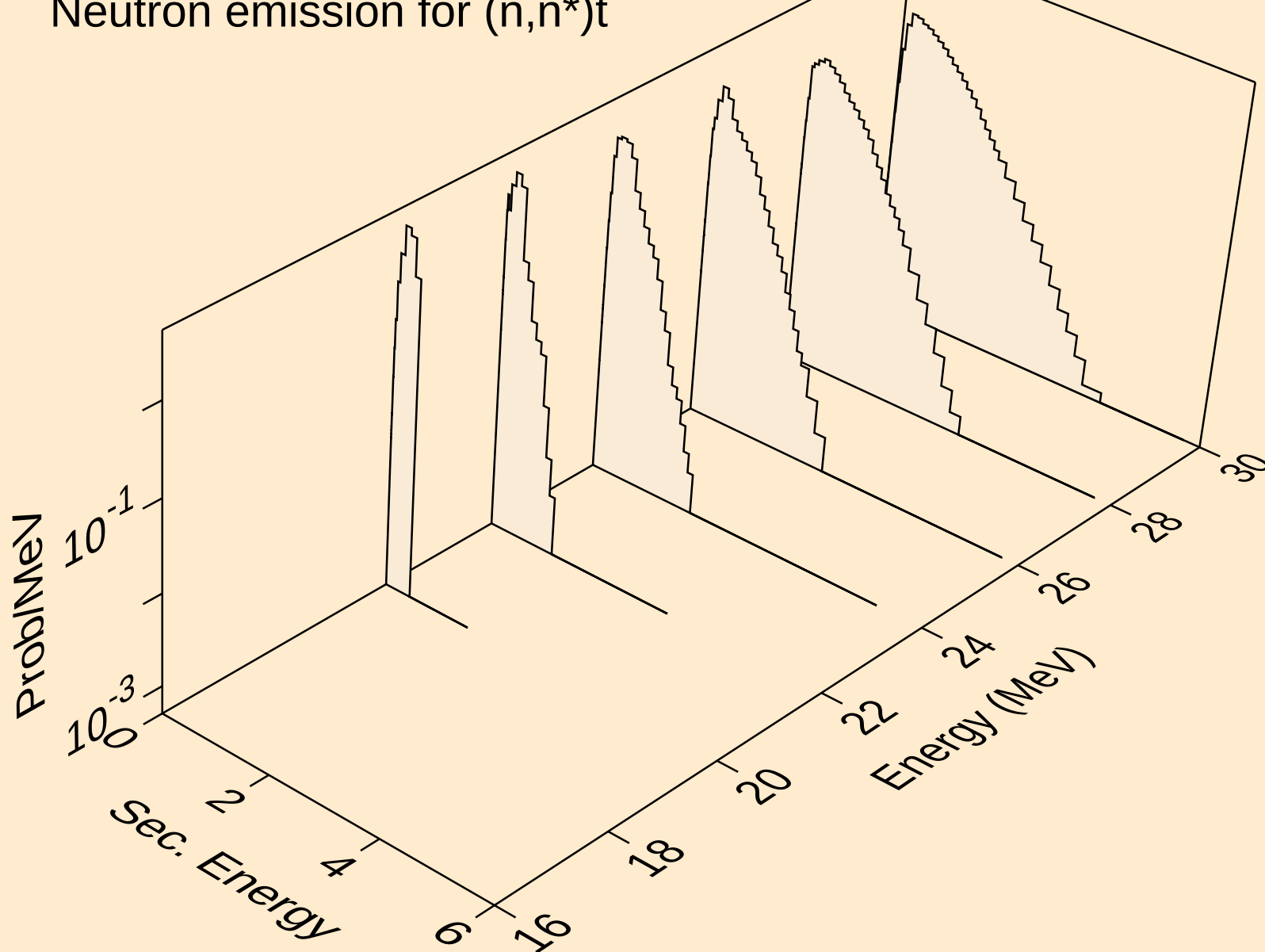
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)2a



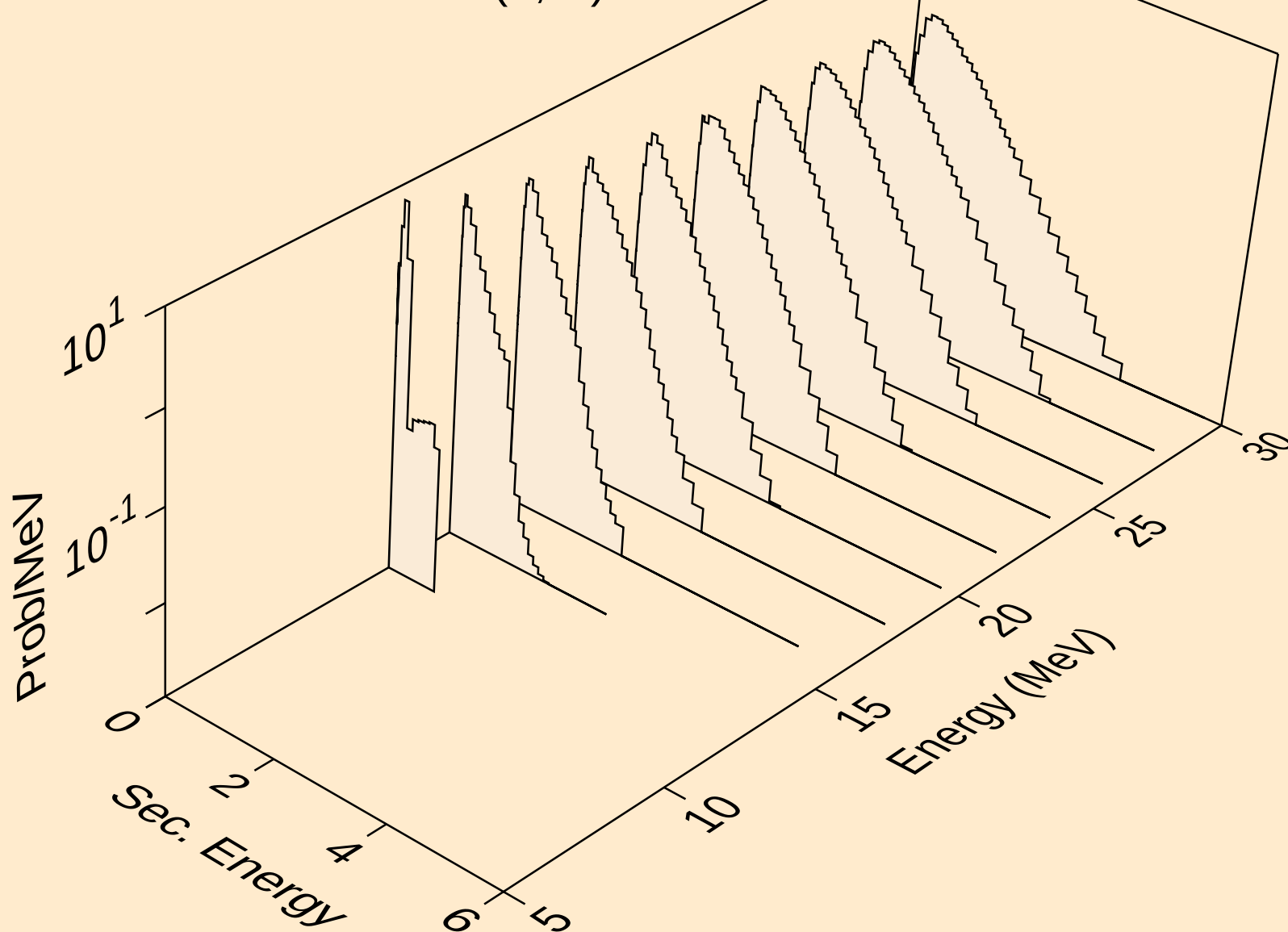
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)d



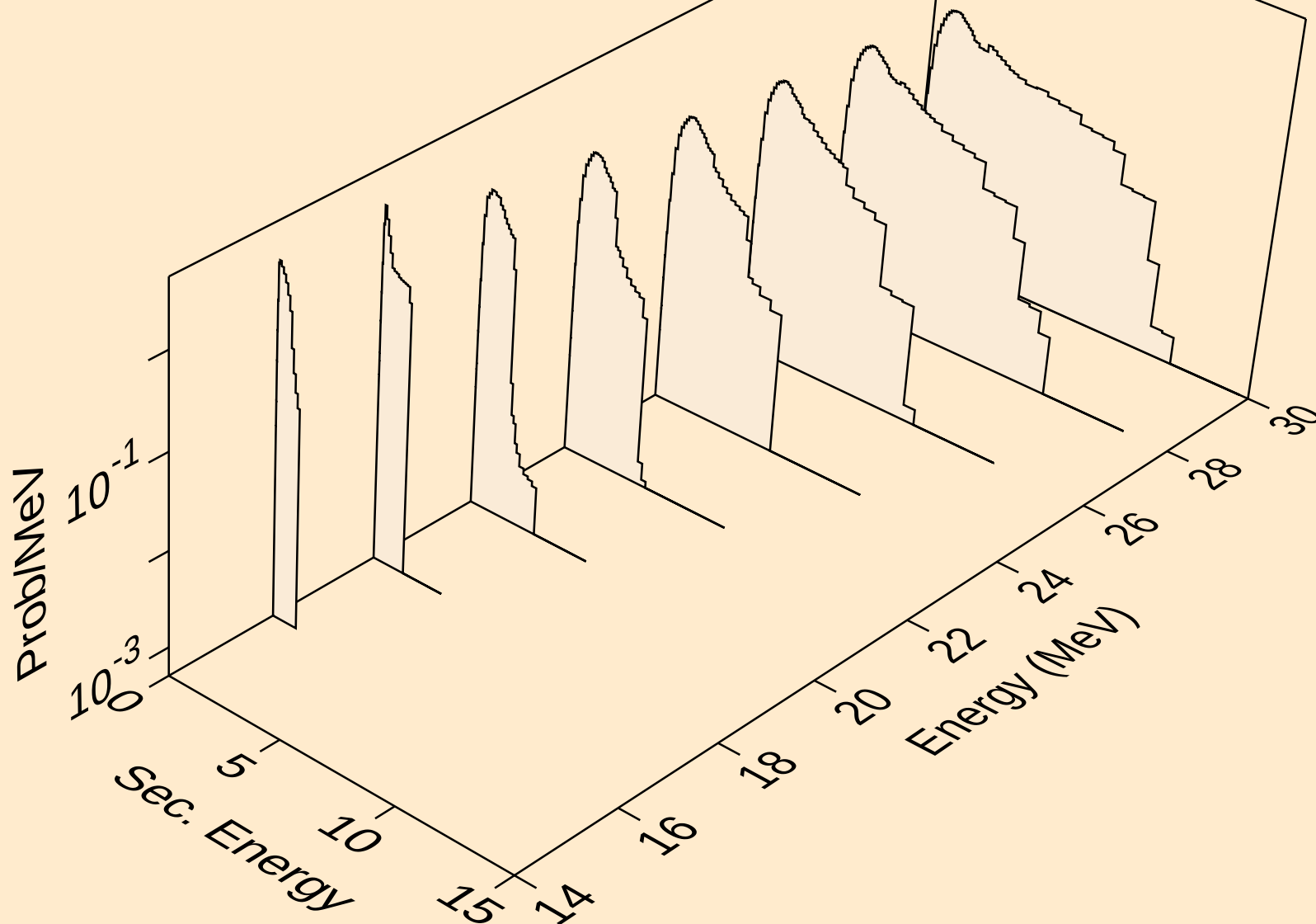
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)t



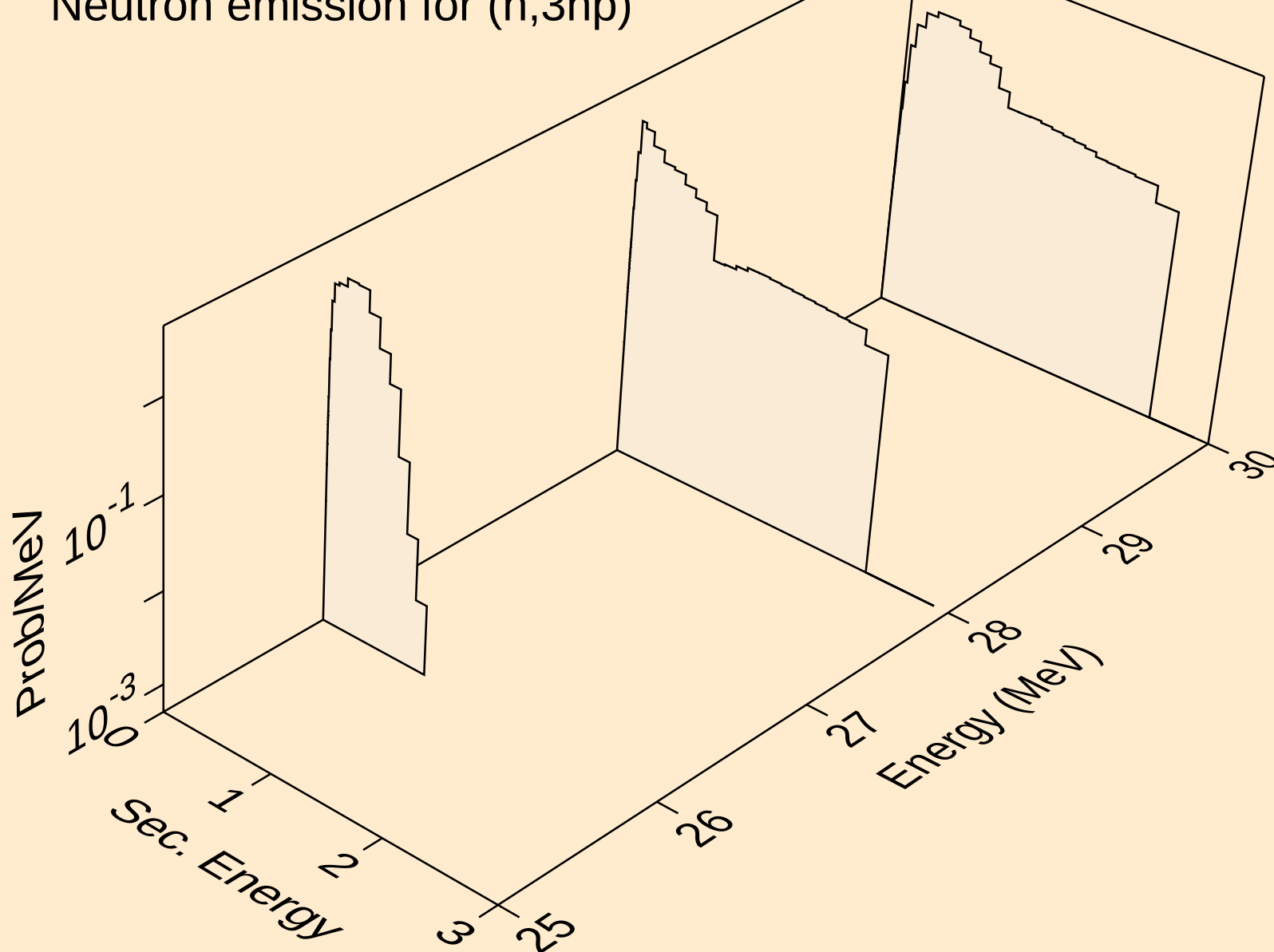
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*)he3



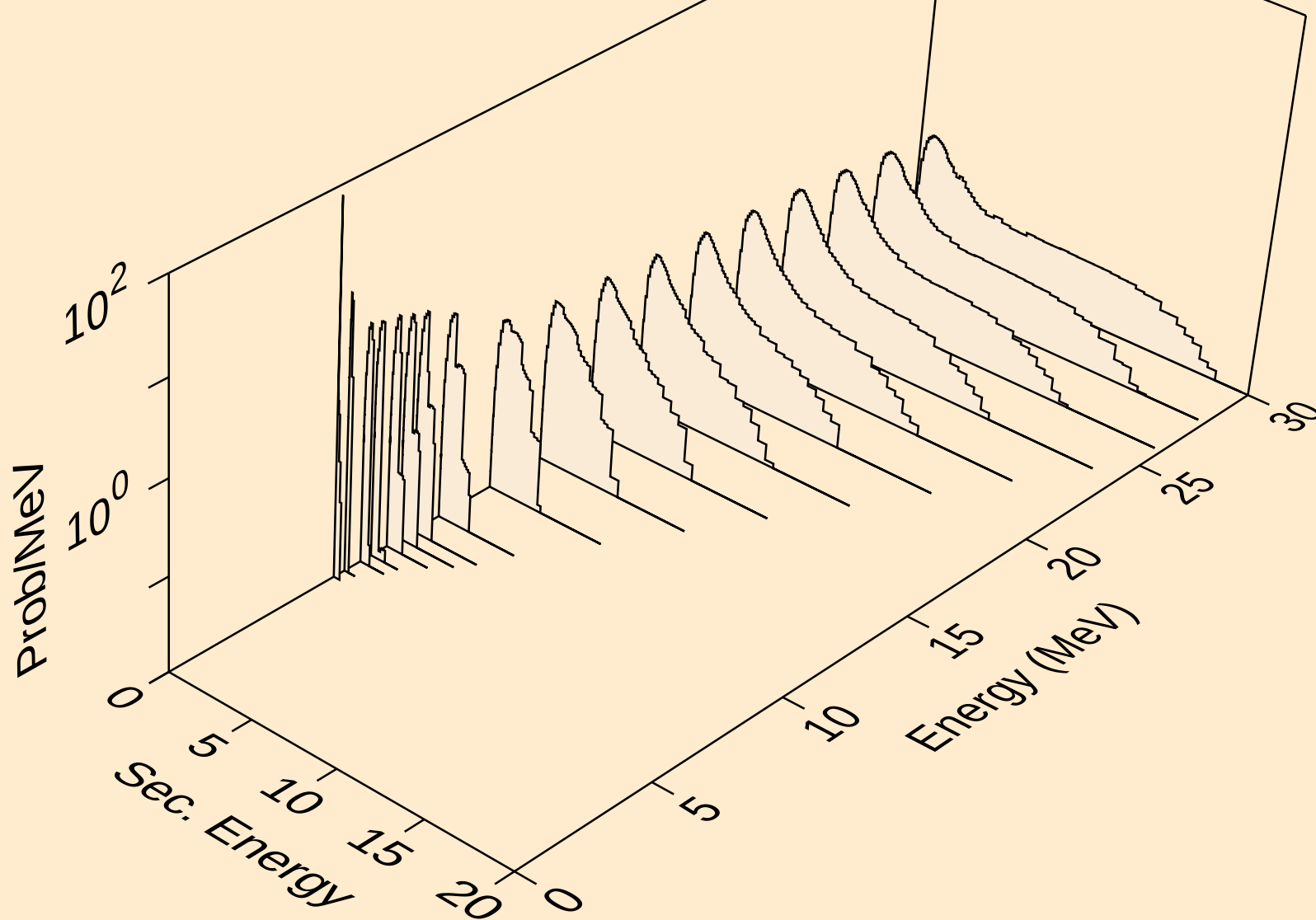
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



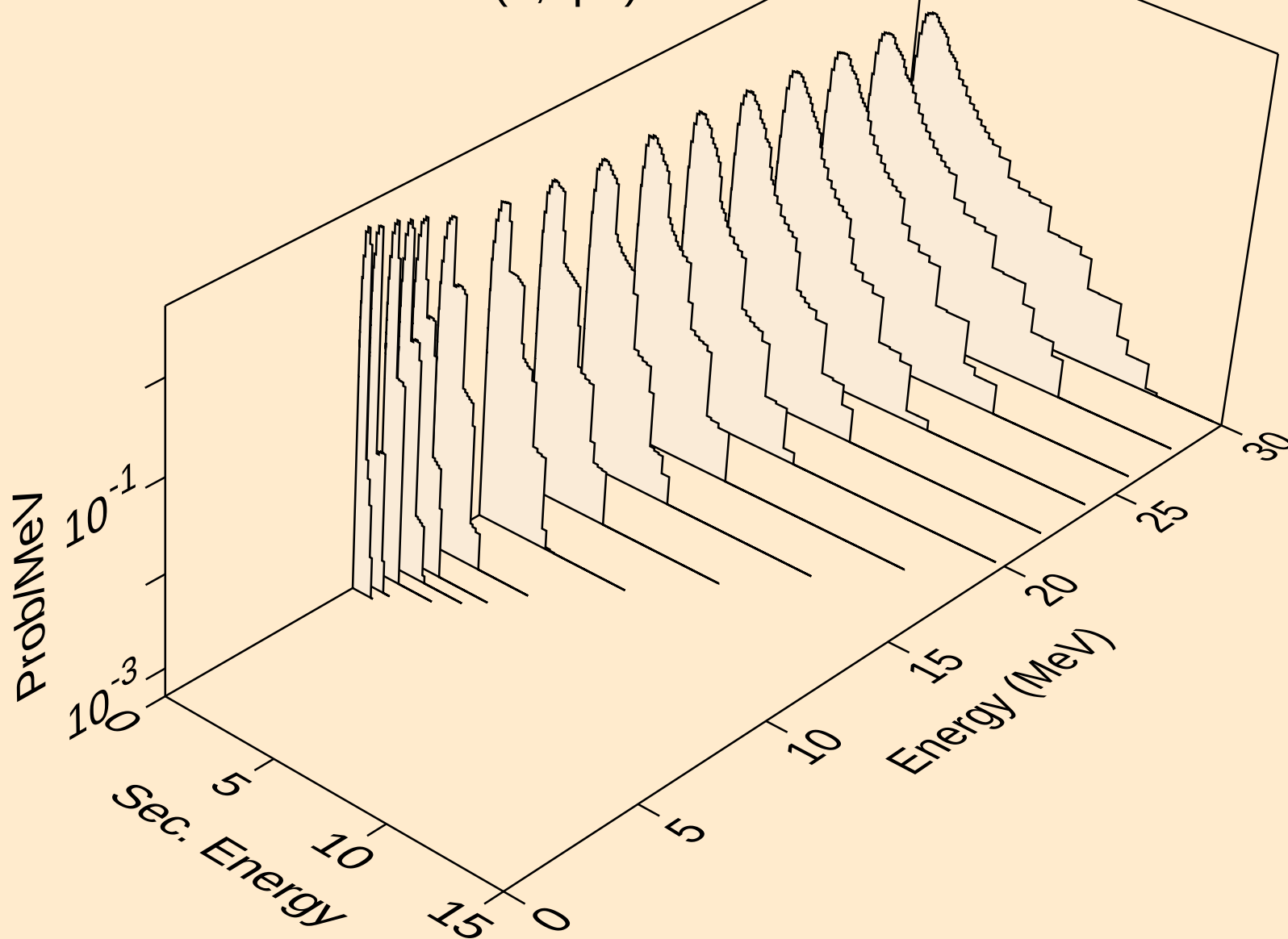
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,3np)



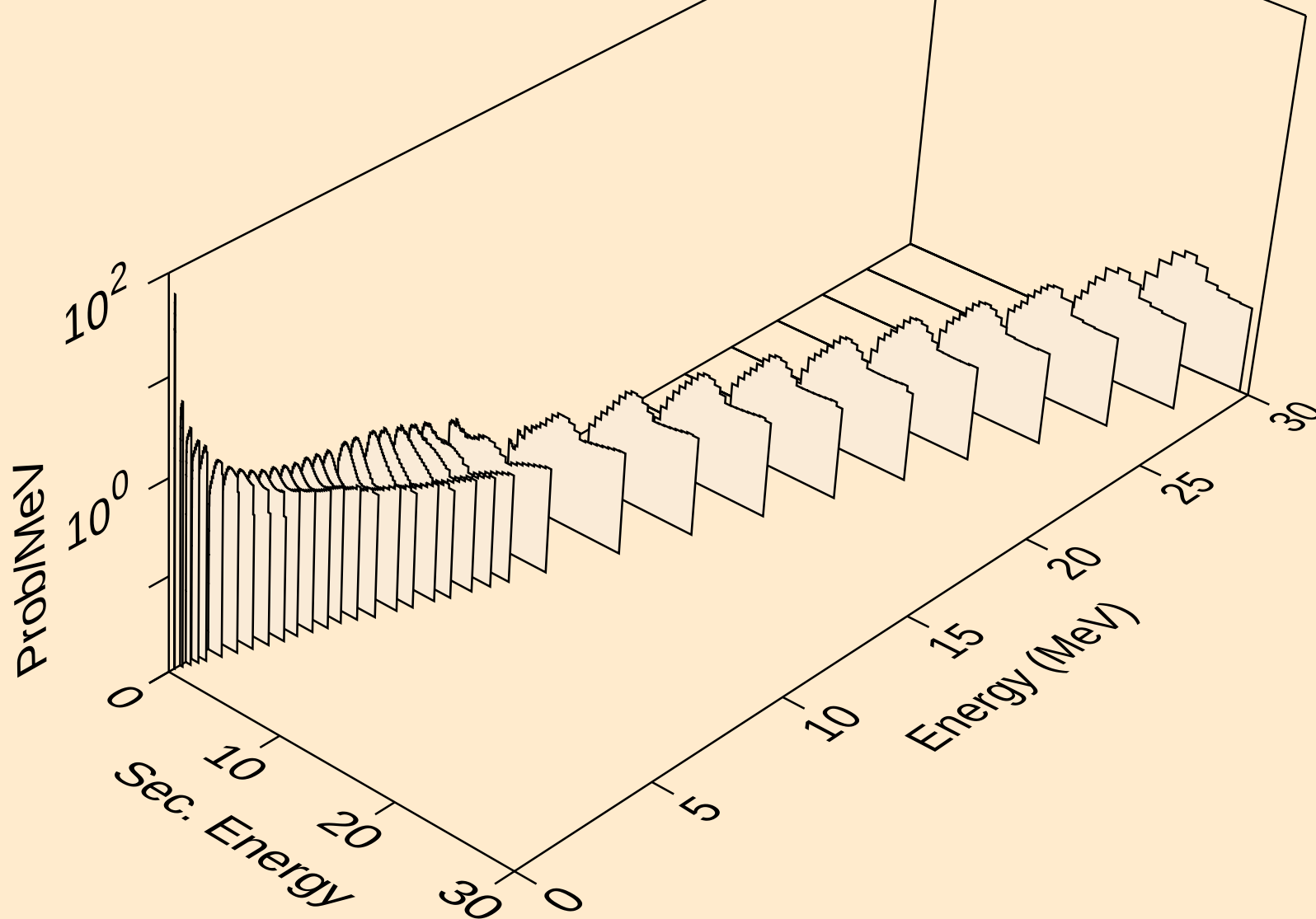
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,2np)



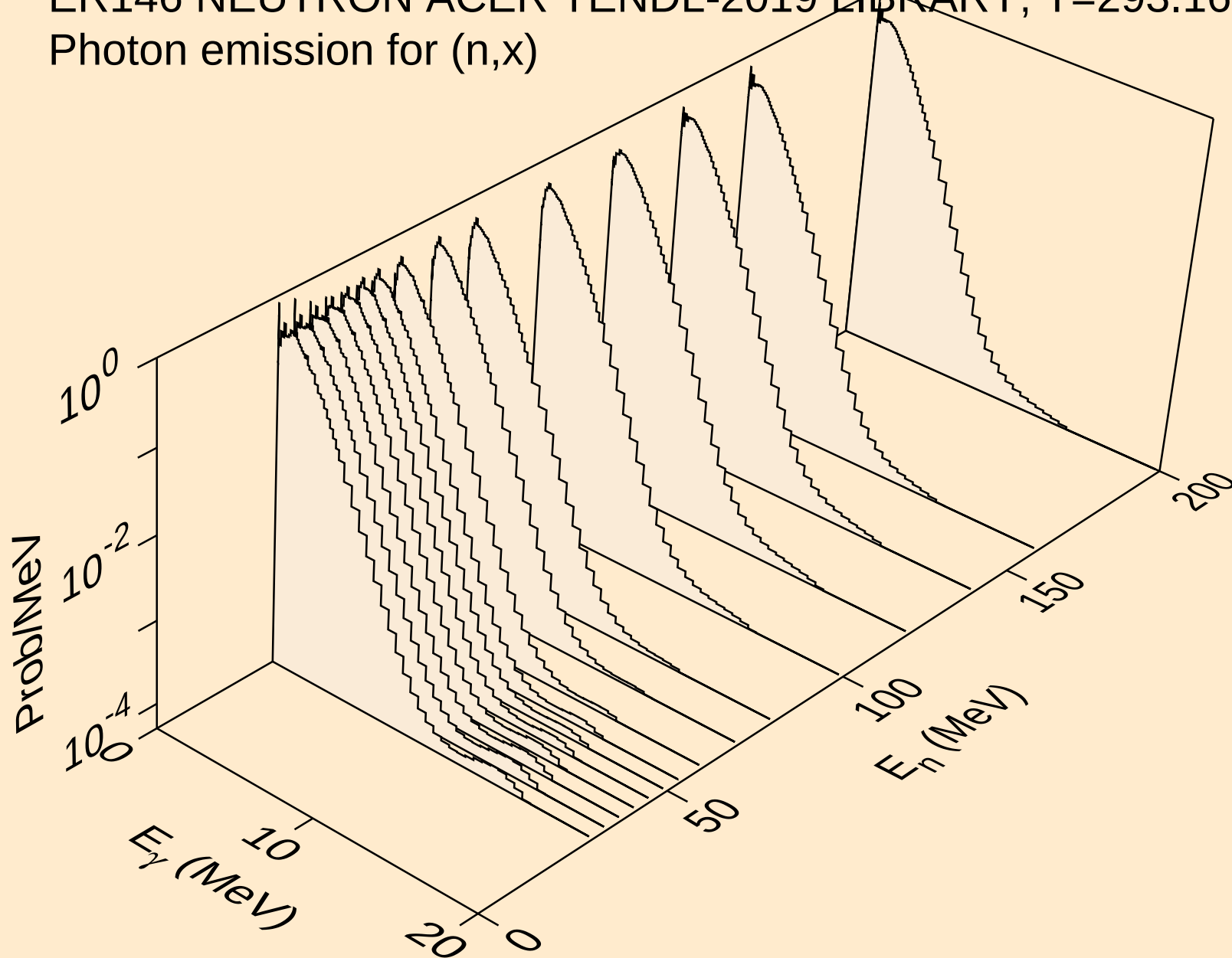
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,npa)



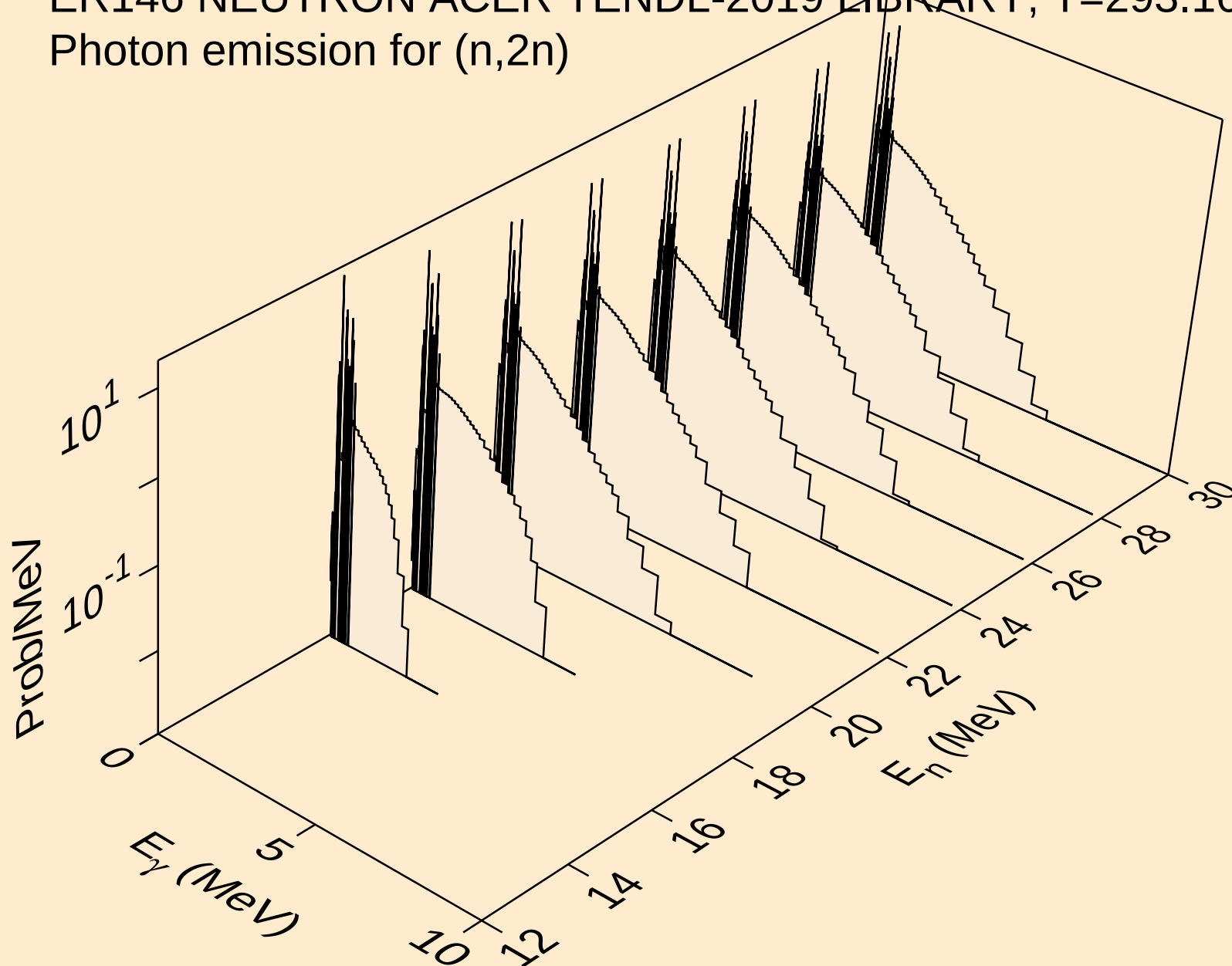
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Neutron emission for (n,n*c)



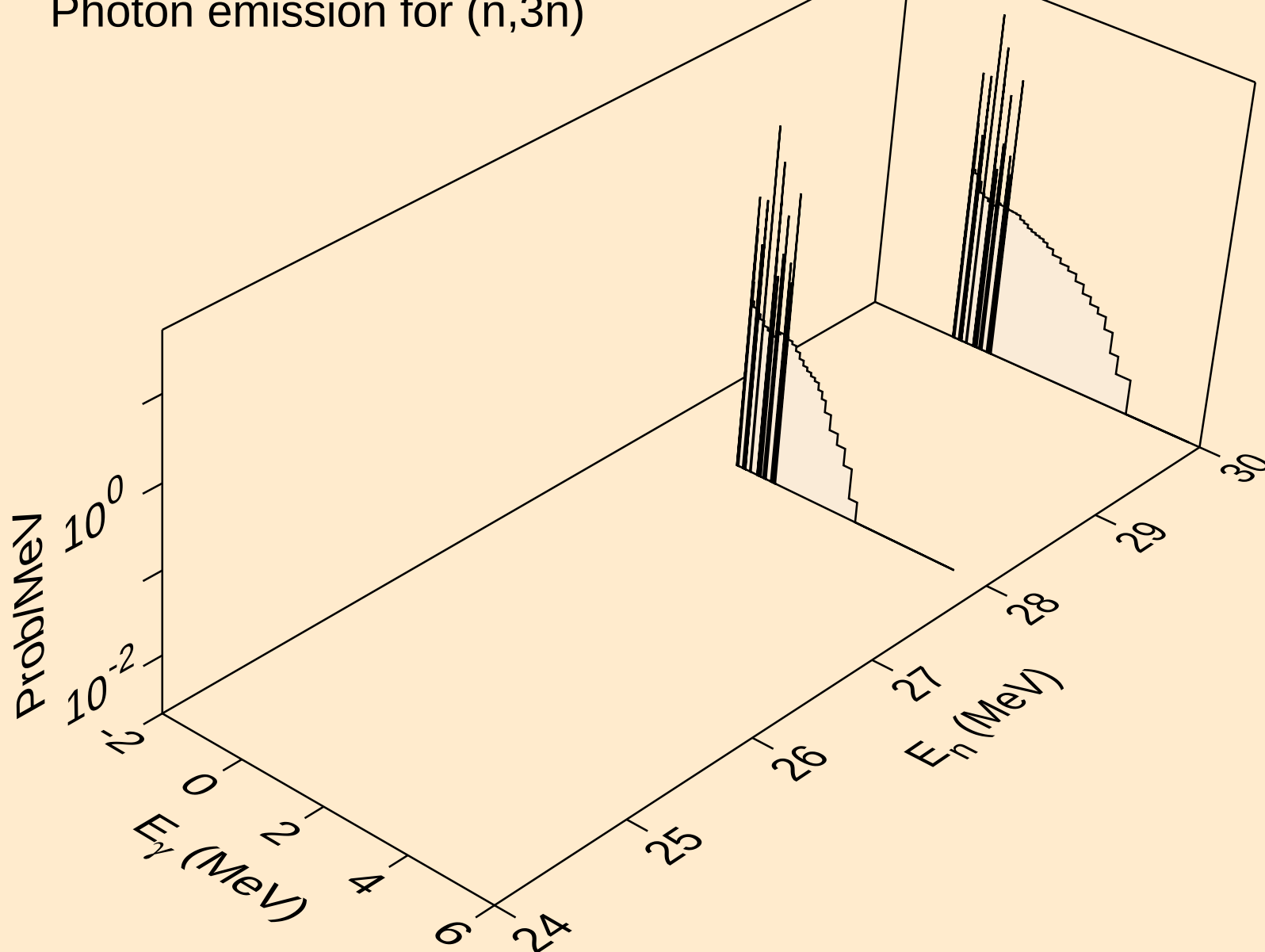
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,x)



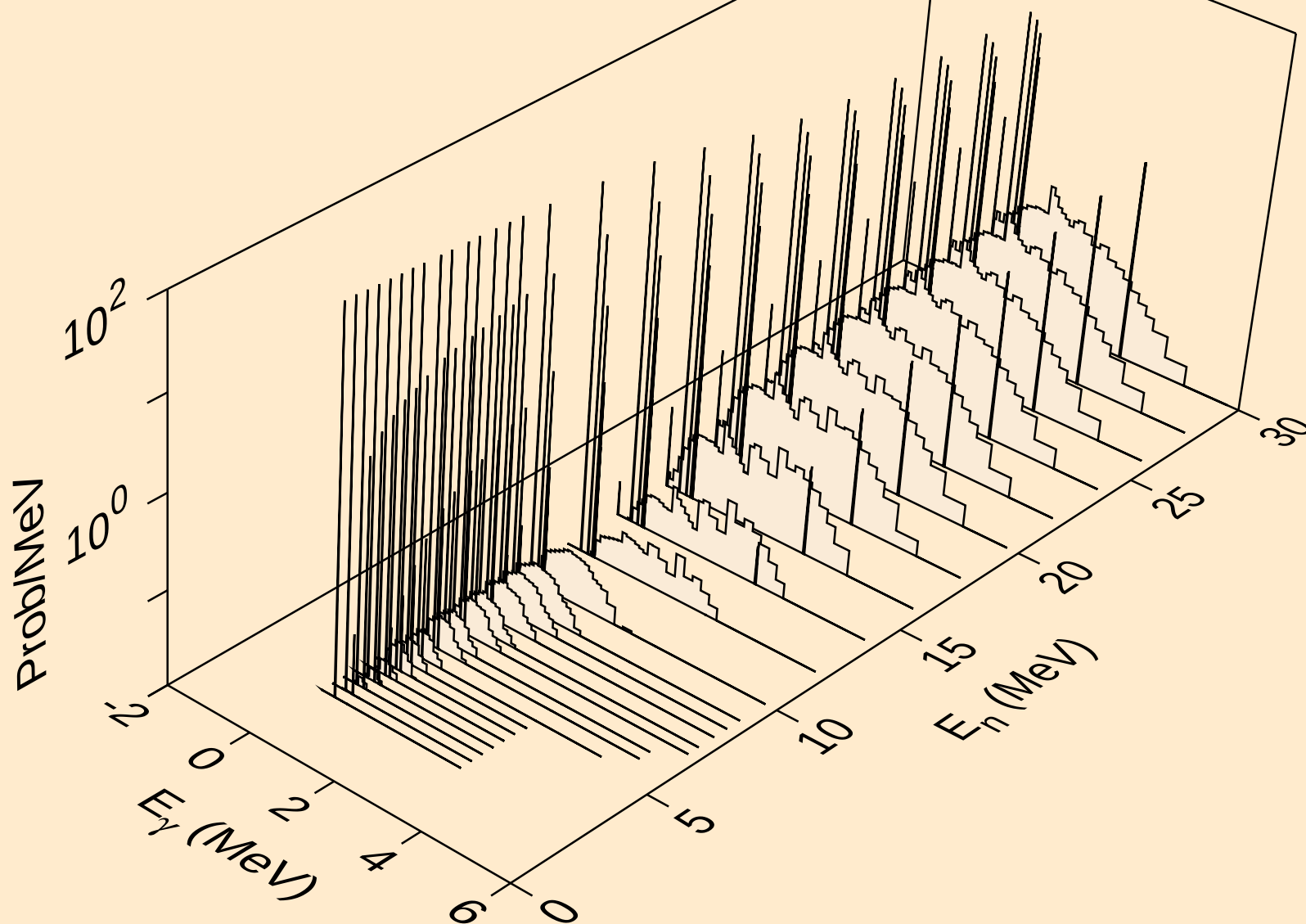
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n)



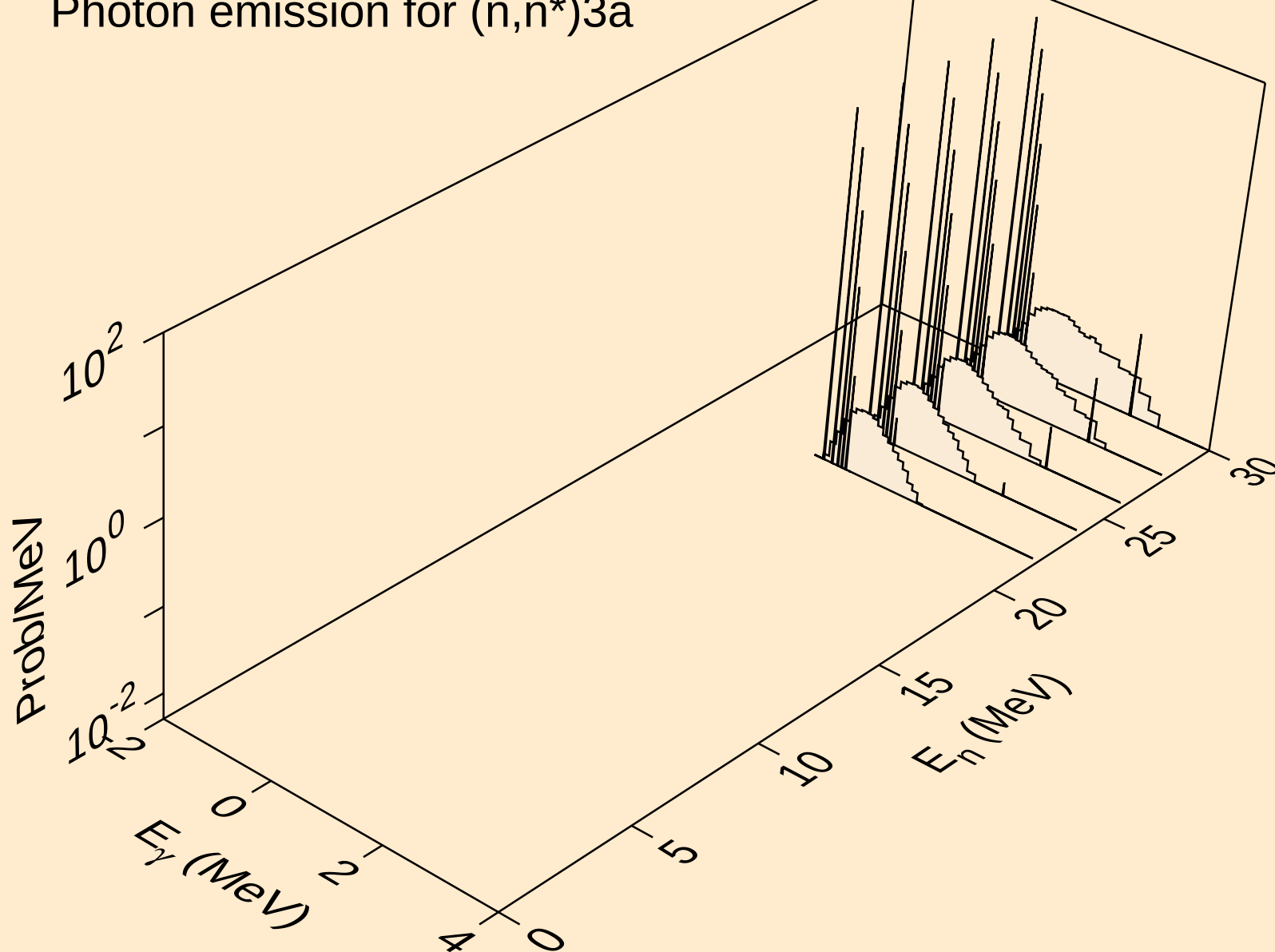
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3n)



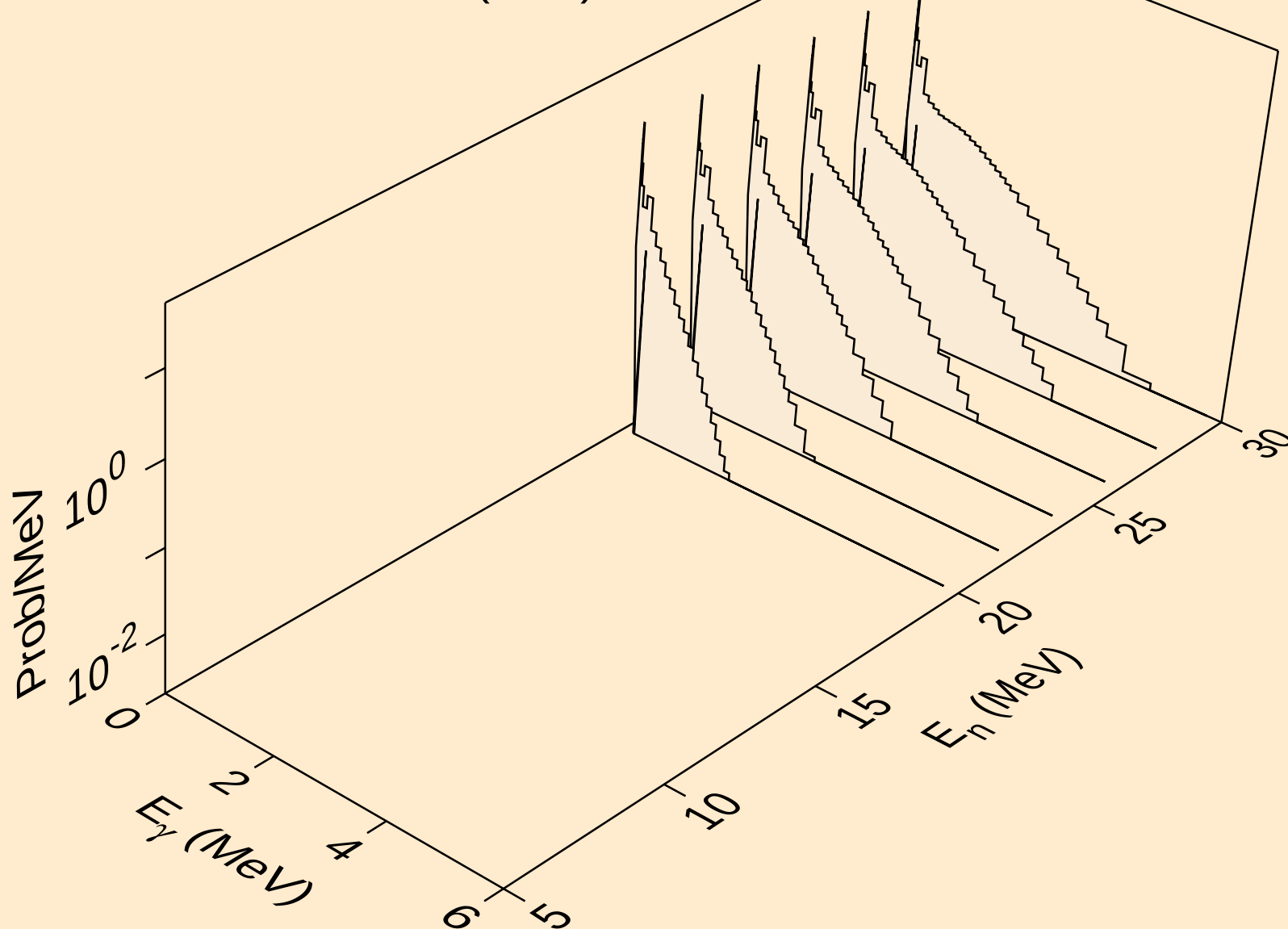
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)a



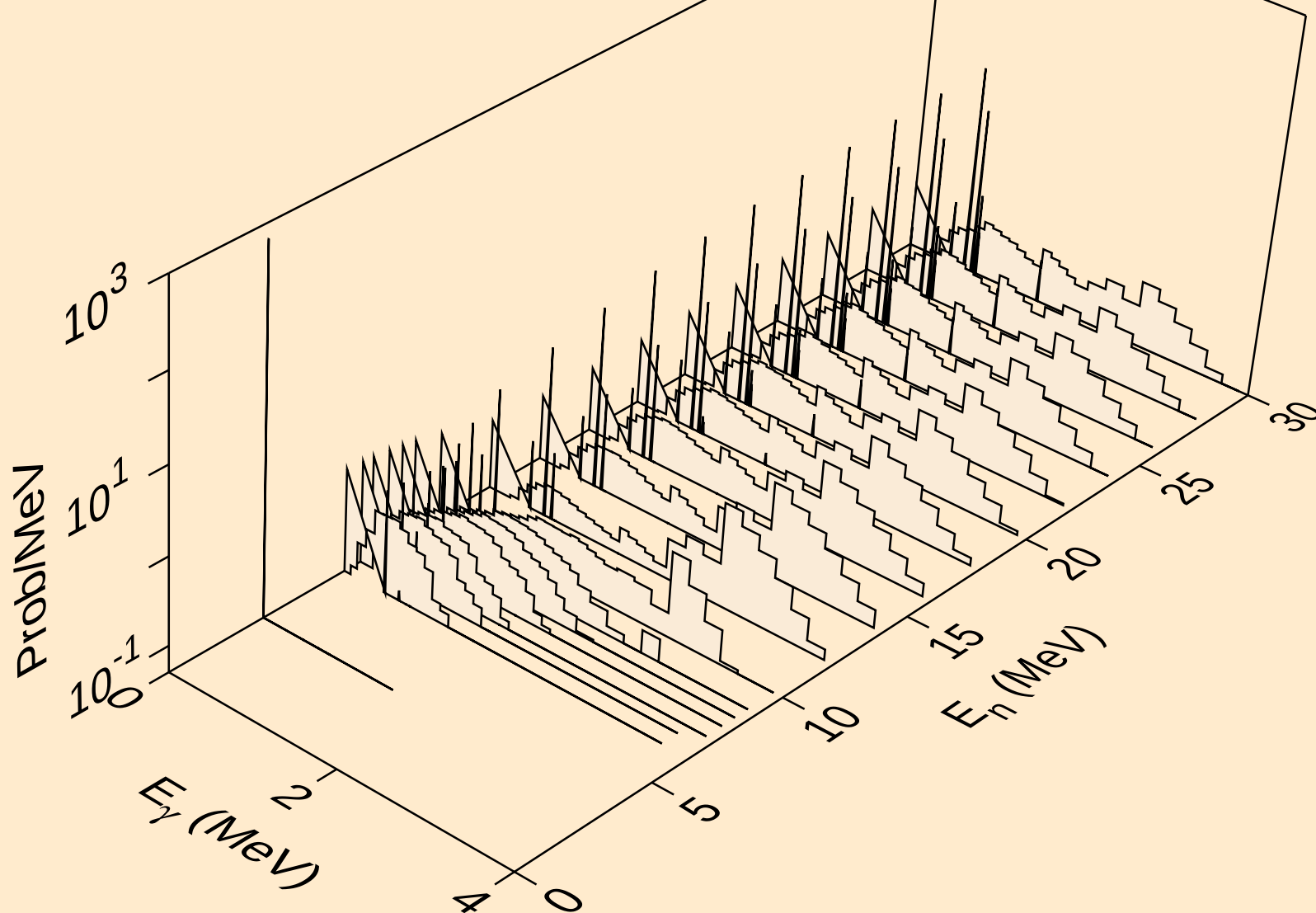
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)3a



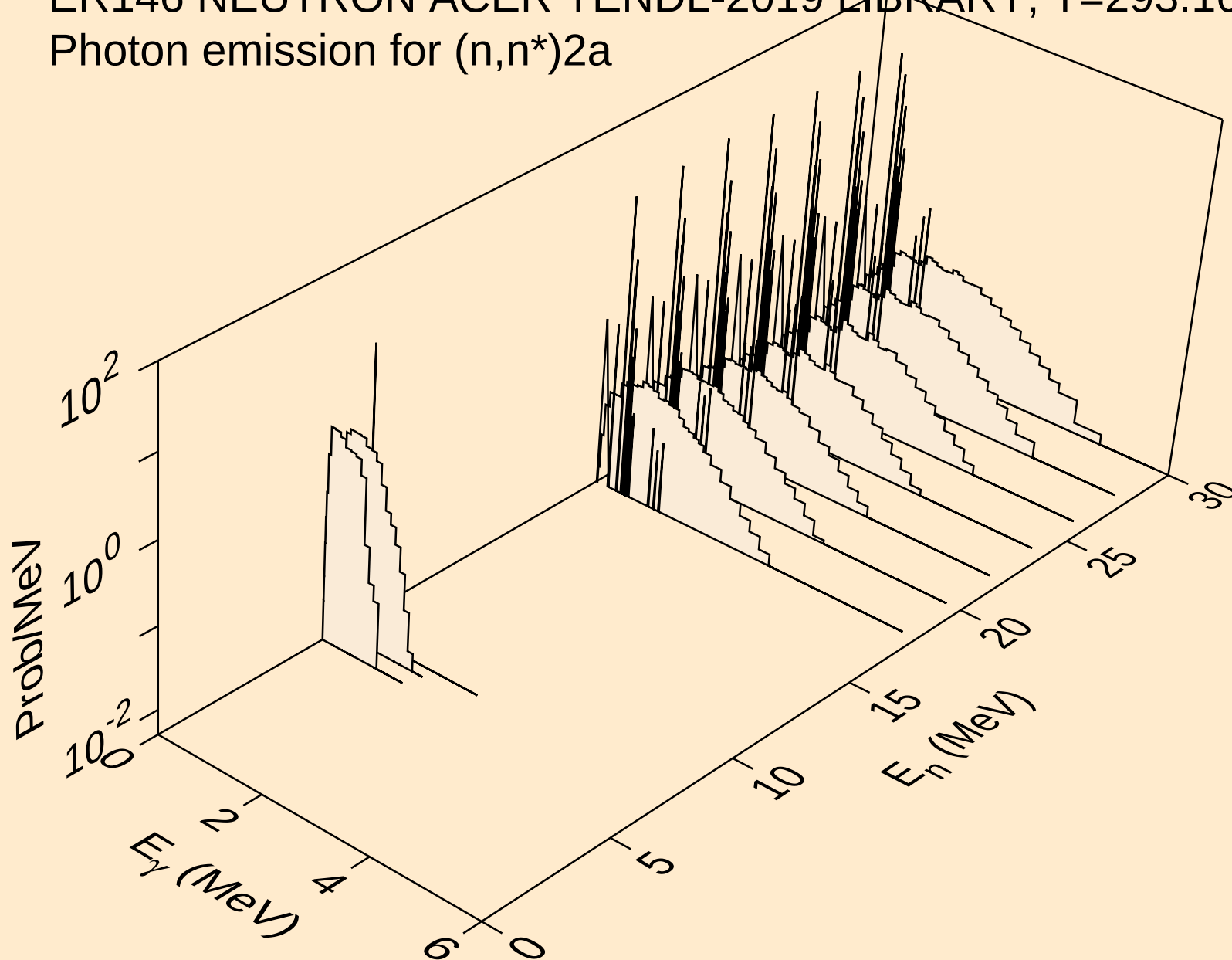
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2n) α



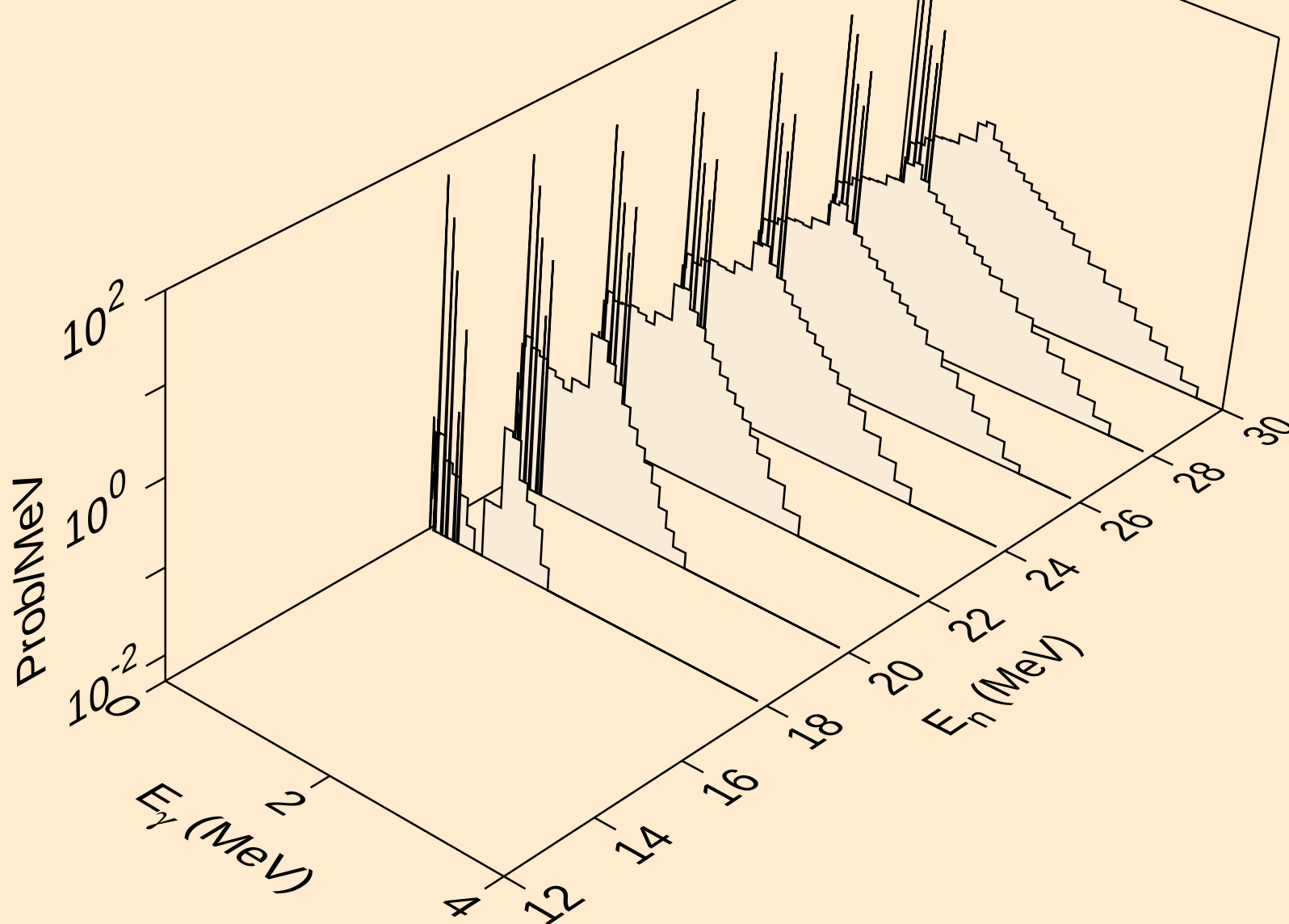
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)p



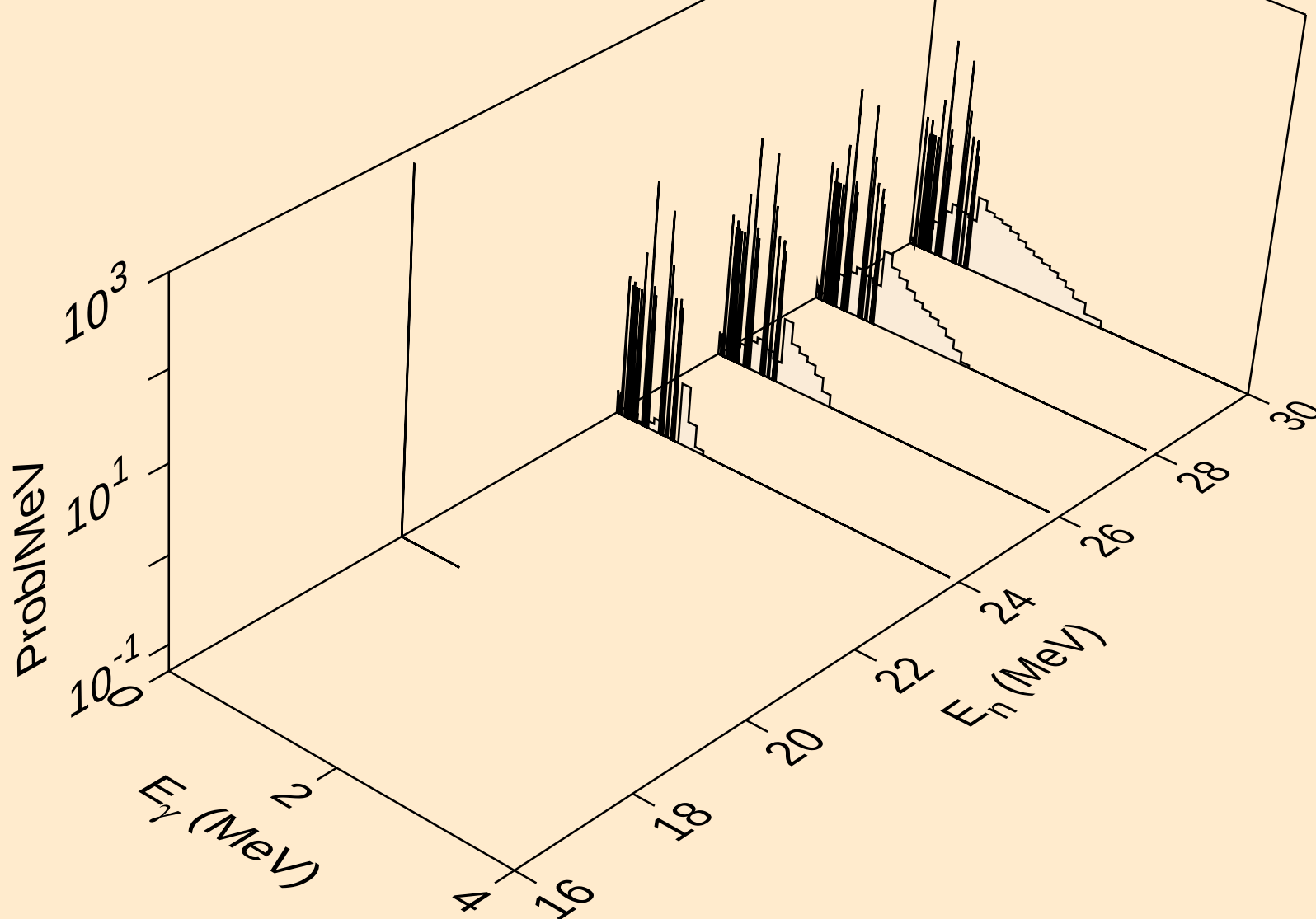
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)2a



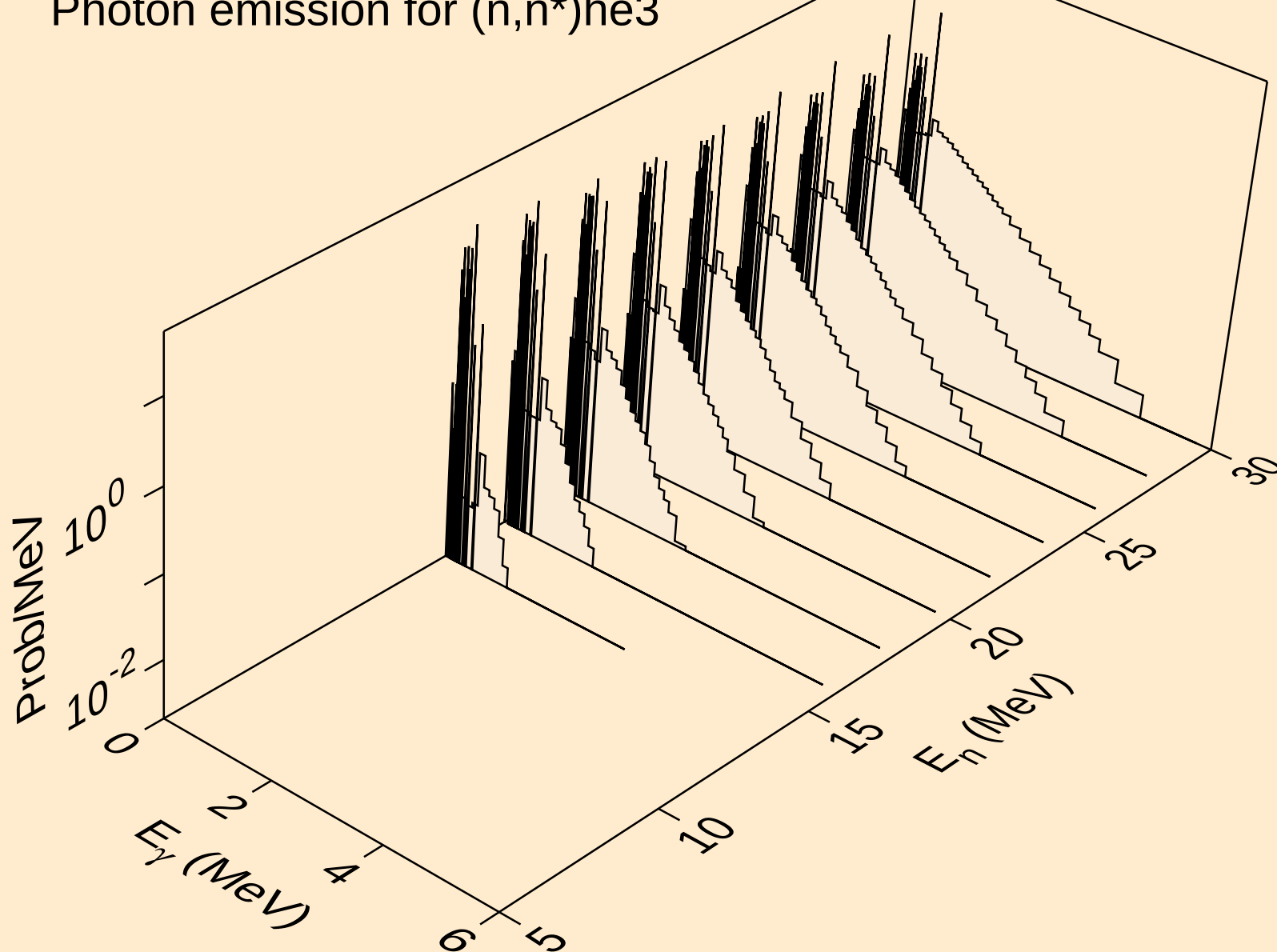
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)d



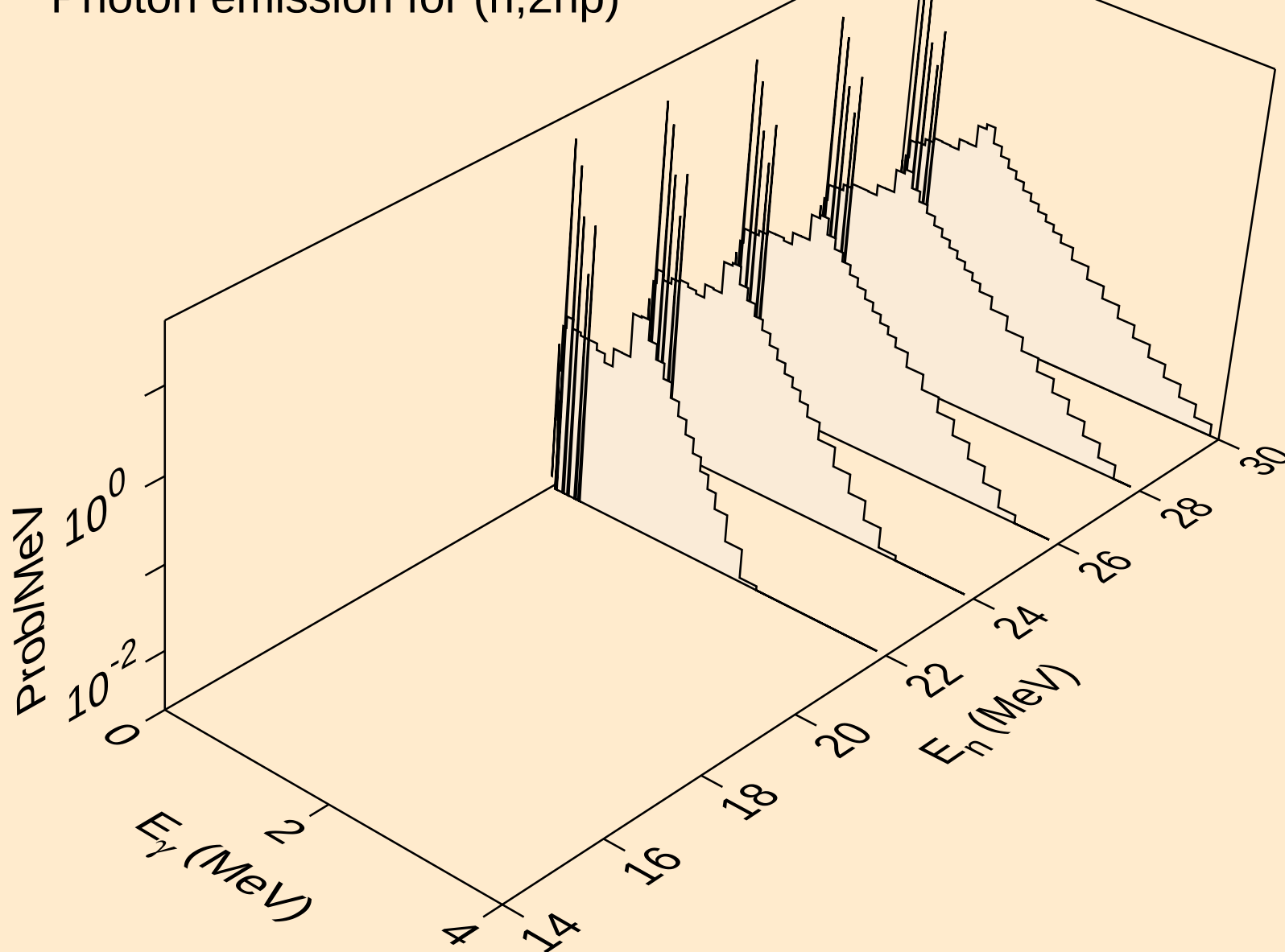
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)t



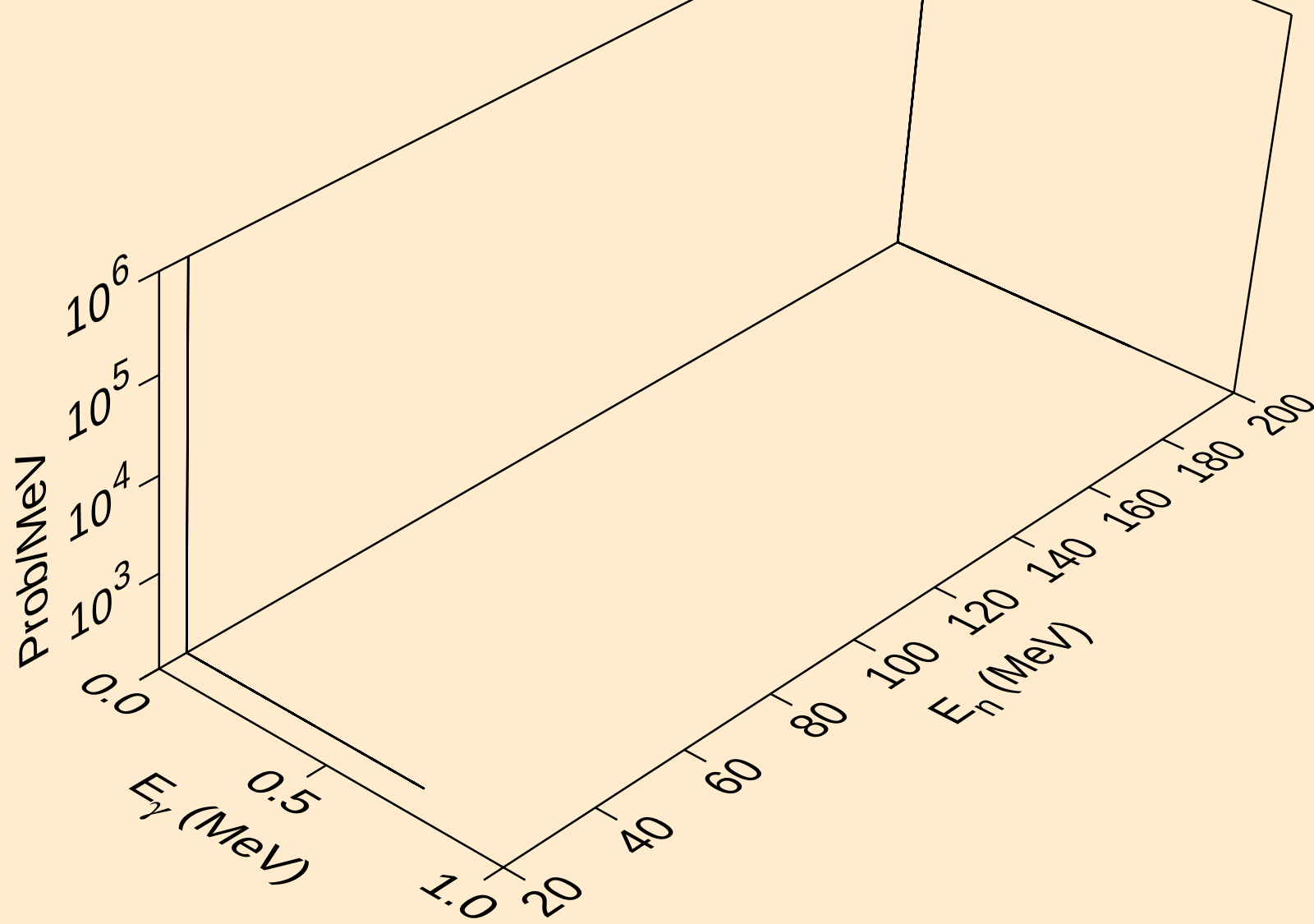
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*)he3



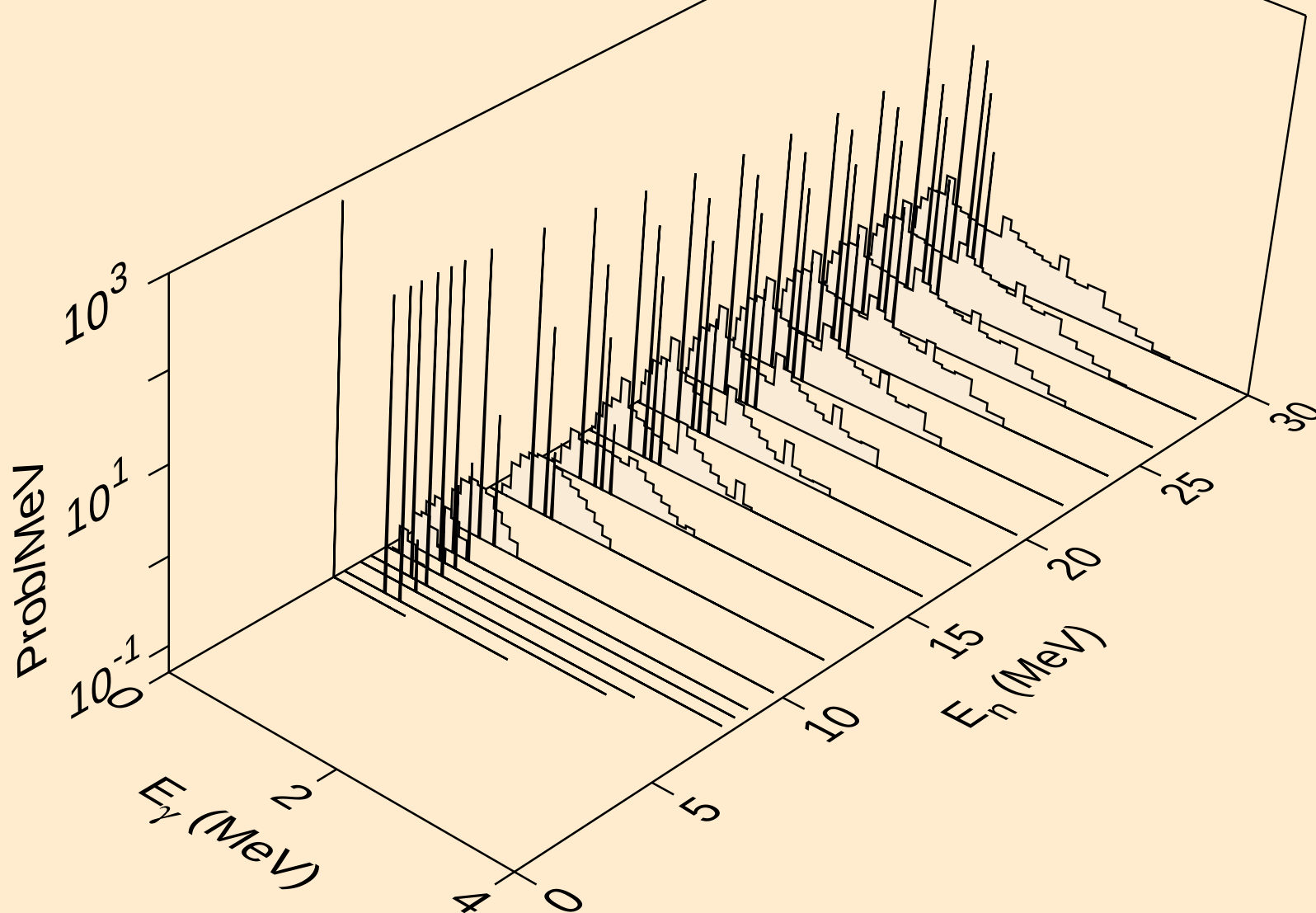
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



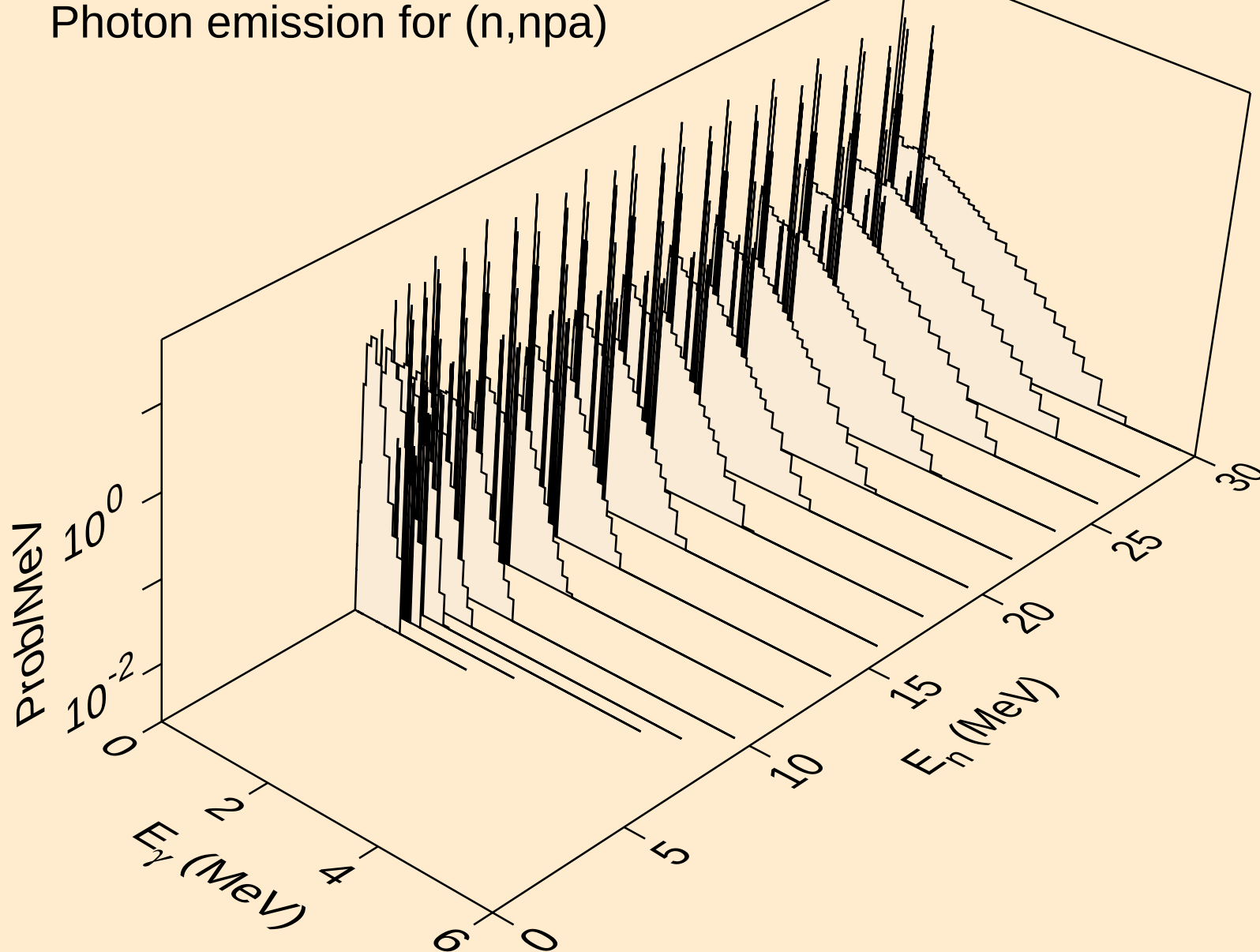
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3np)



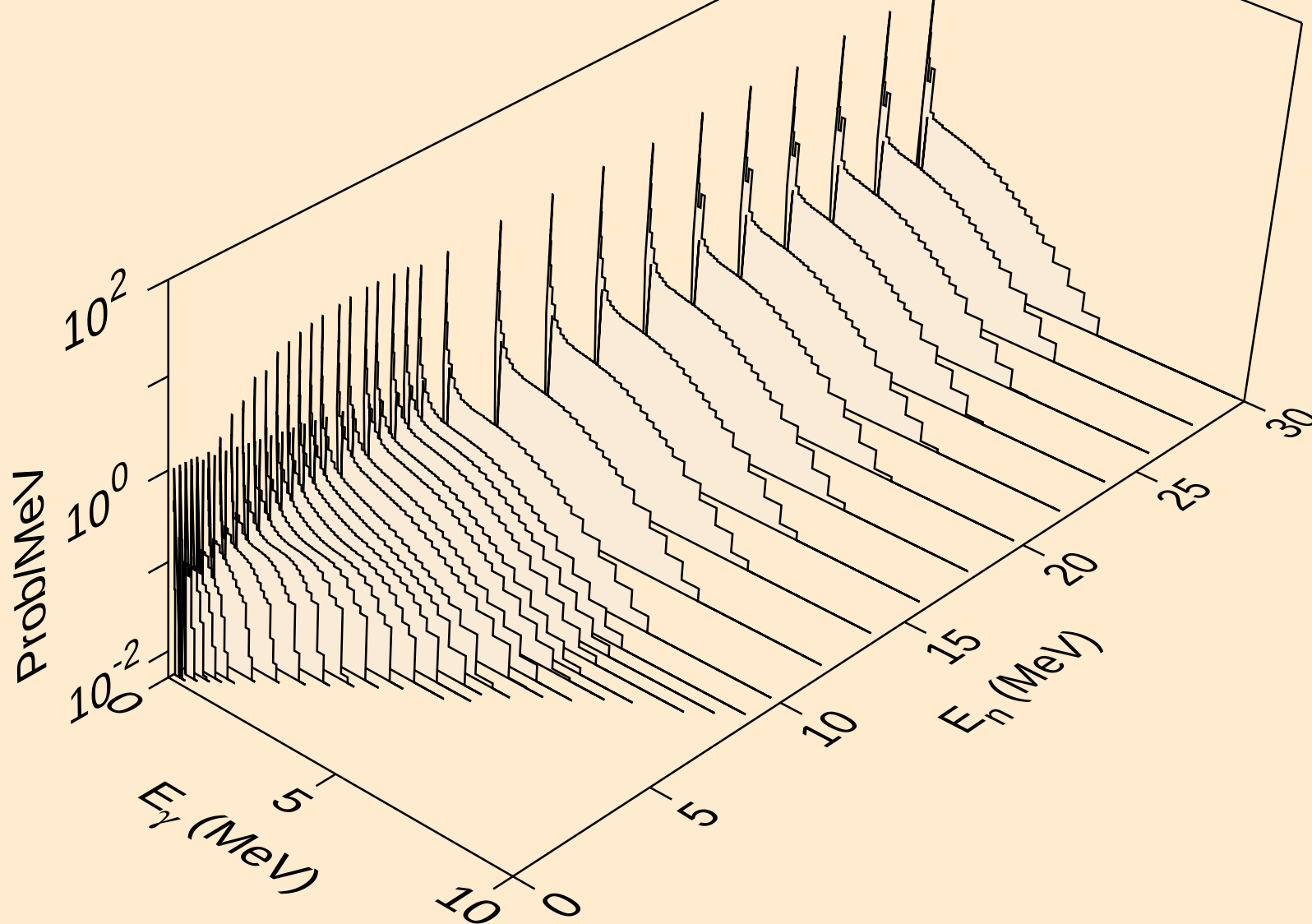
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2np)



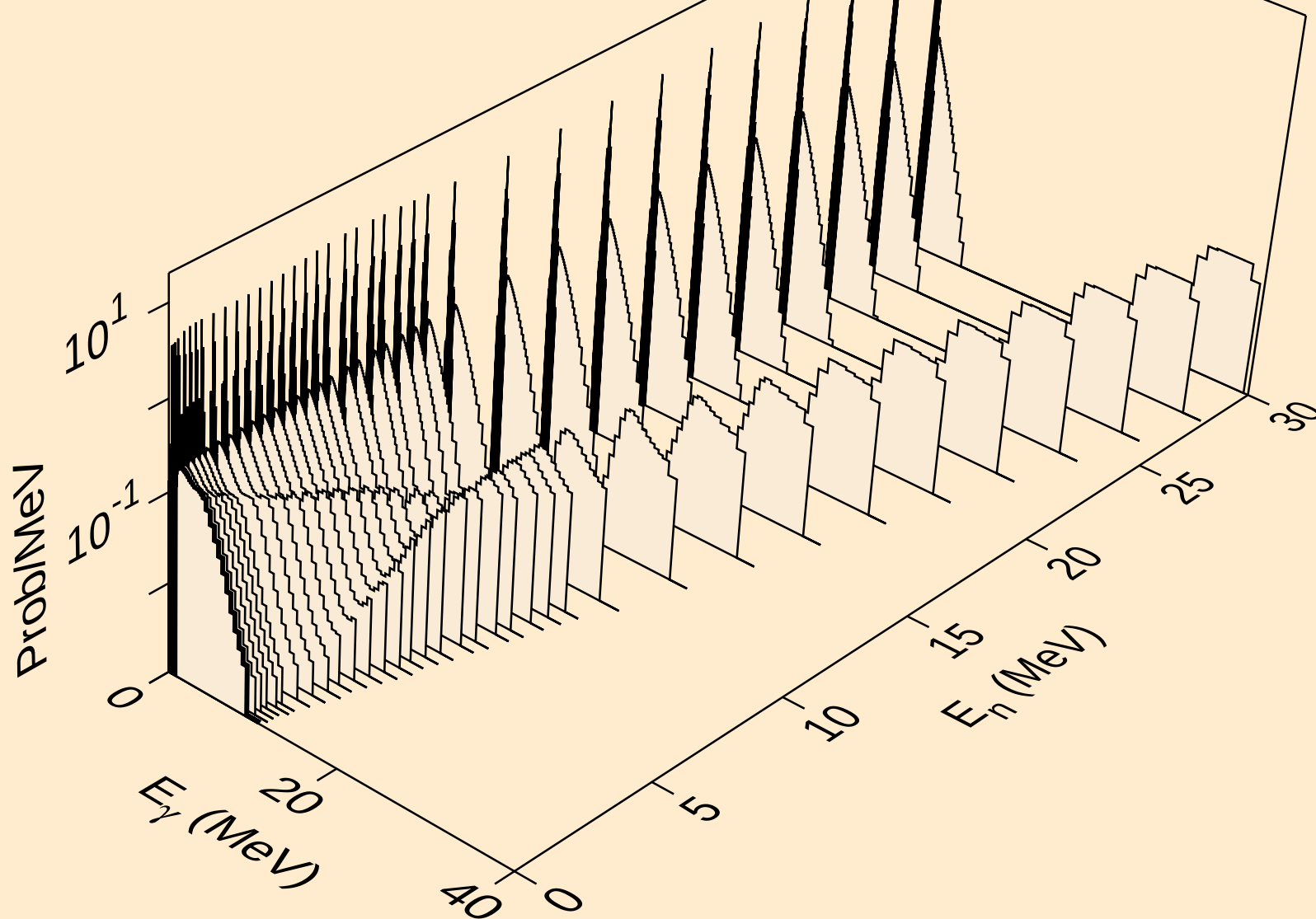
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,npa)



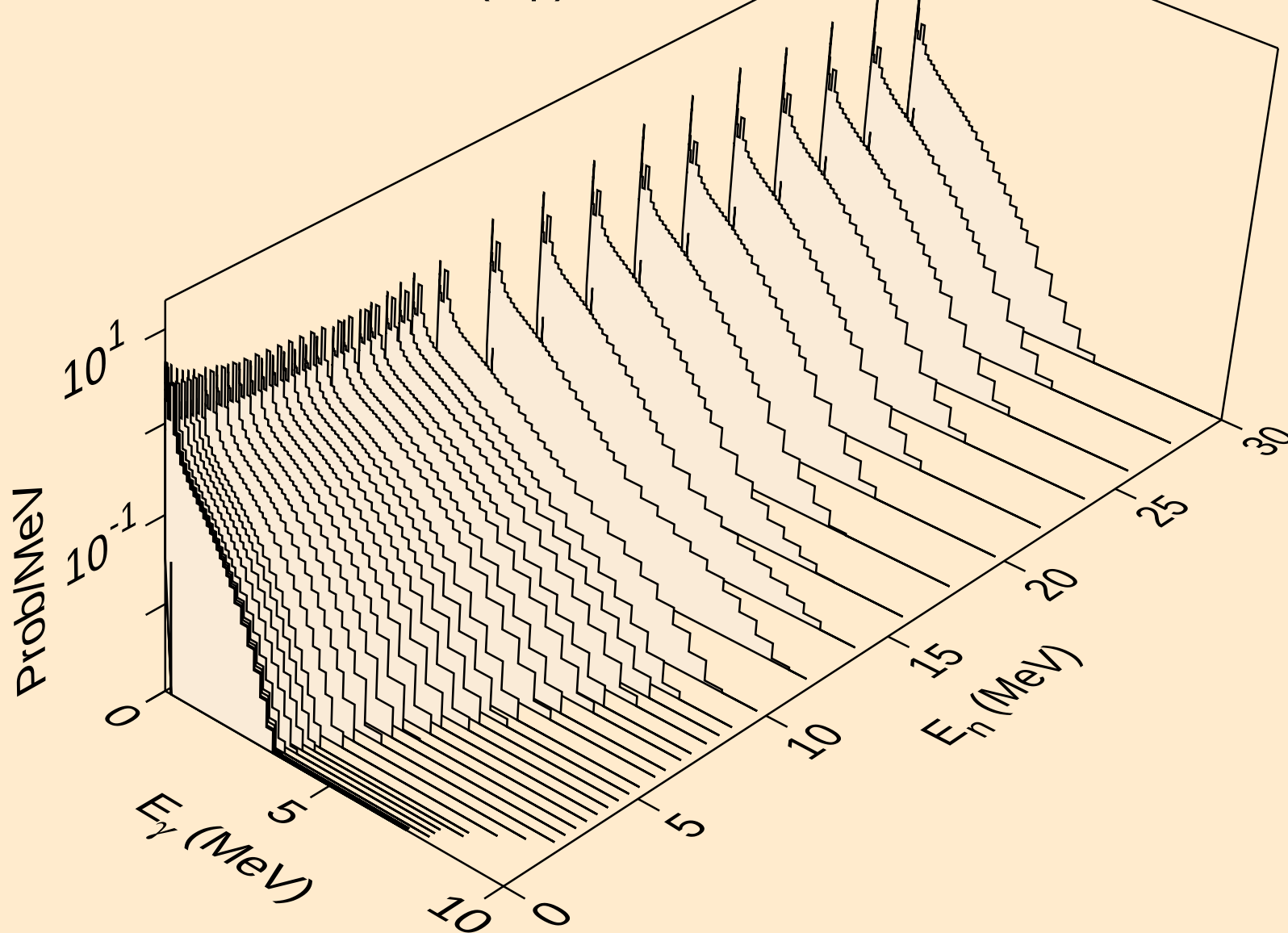
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,n*c)



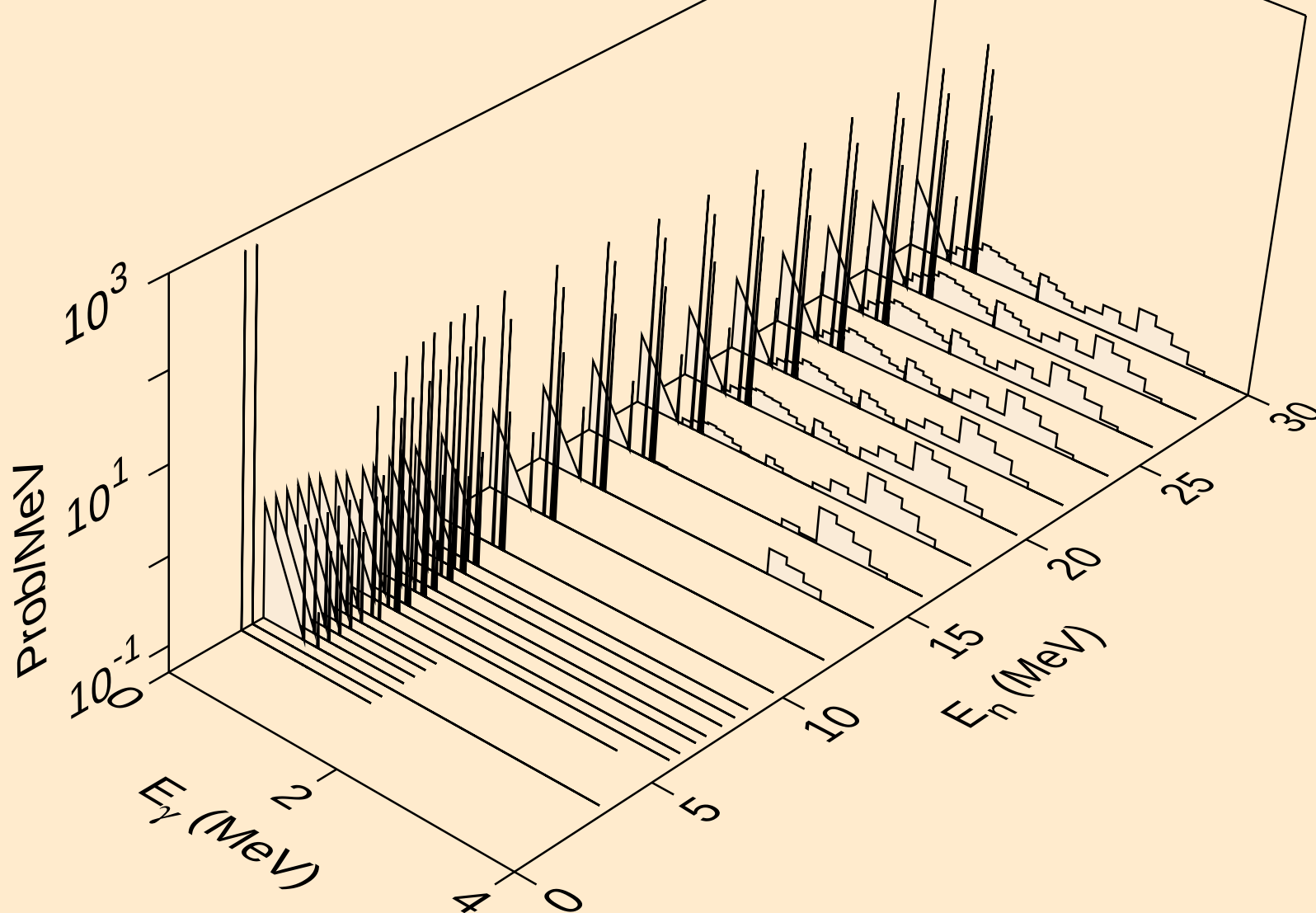
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,gma)



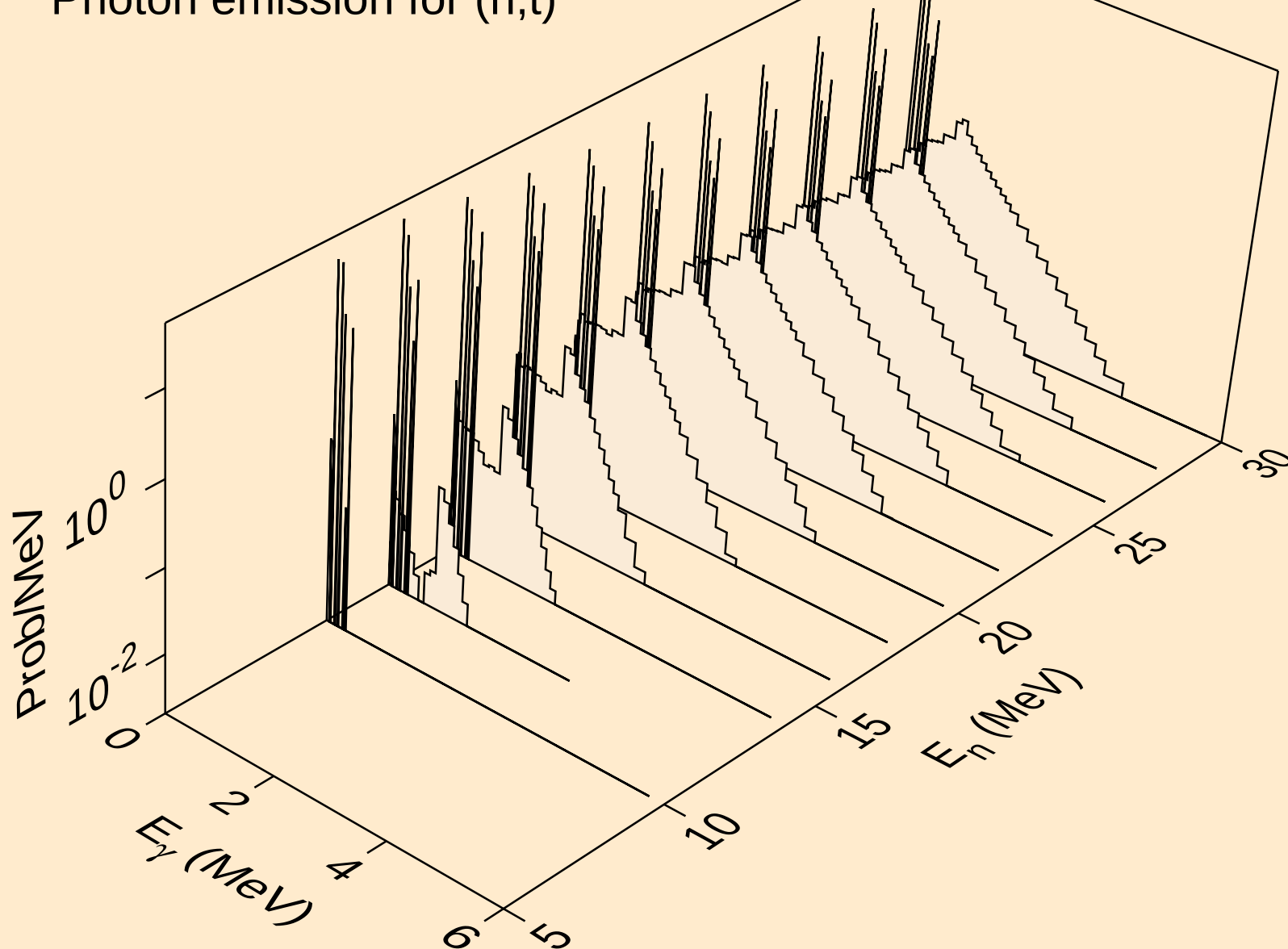
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p)



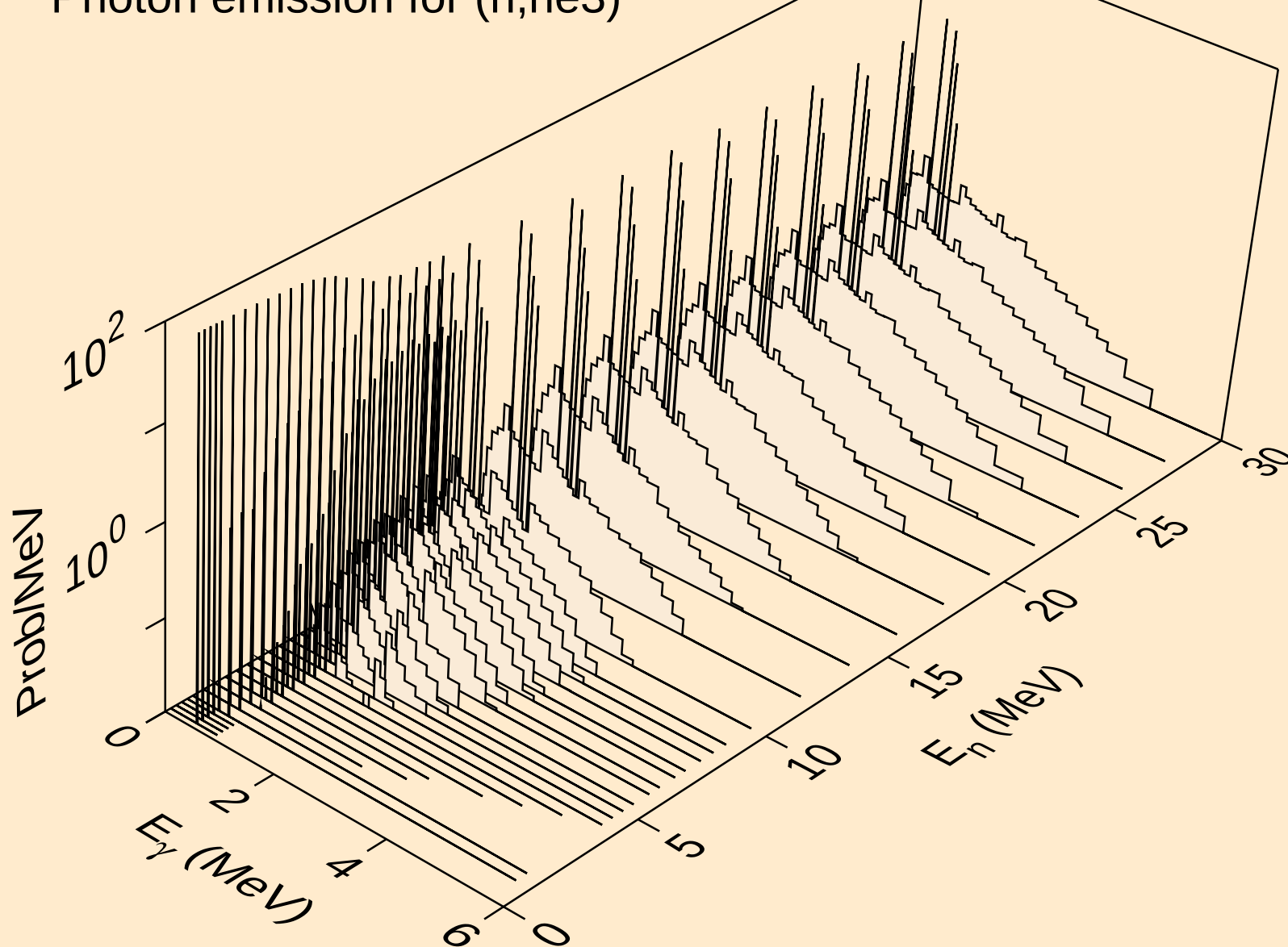
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,d)



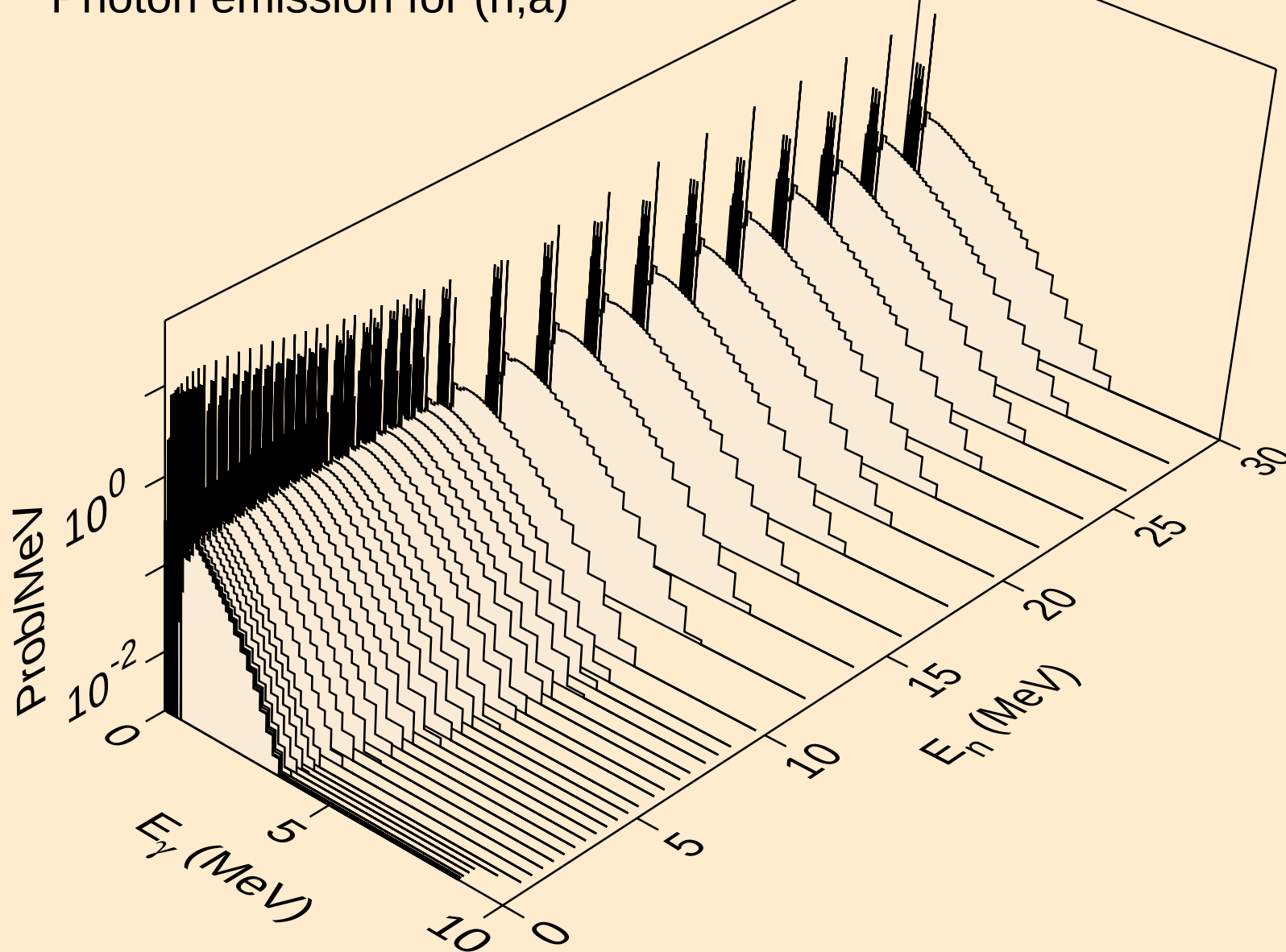
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,t)



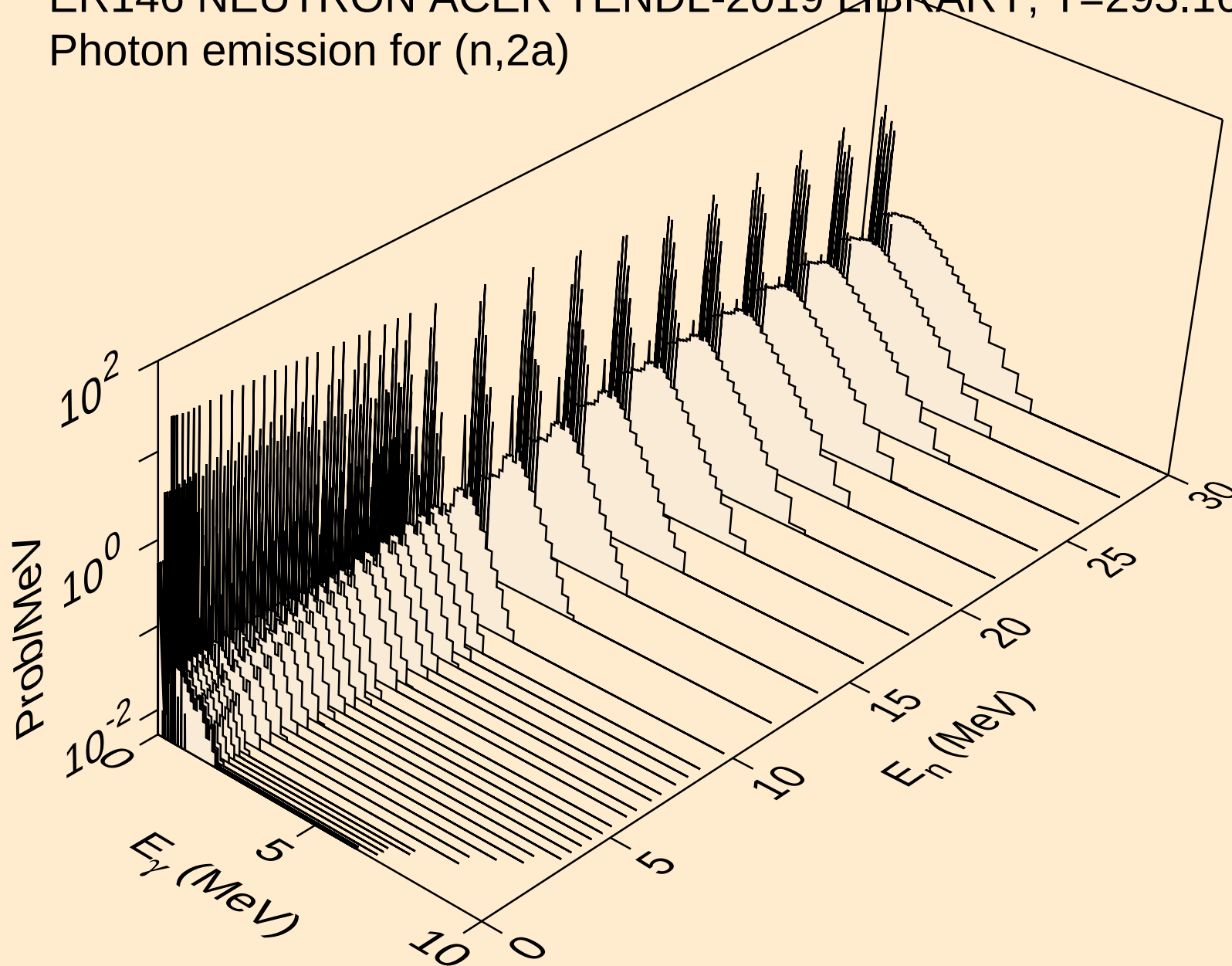
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,he3)



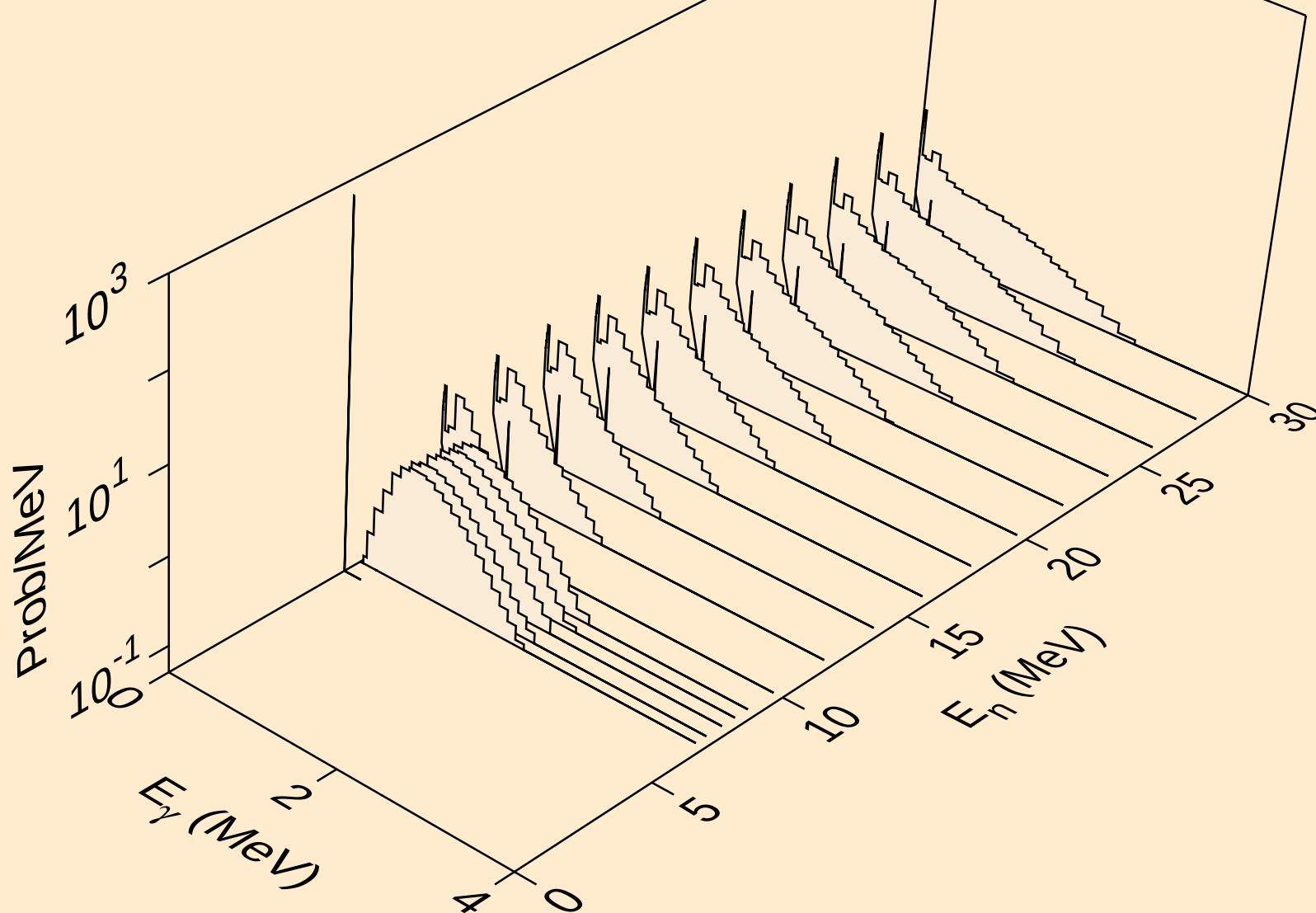
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,a)



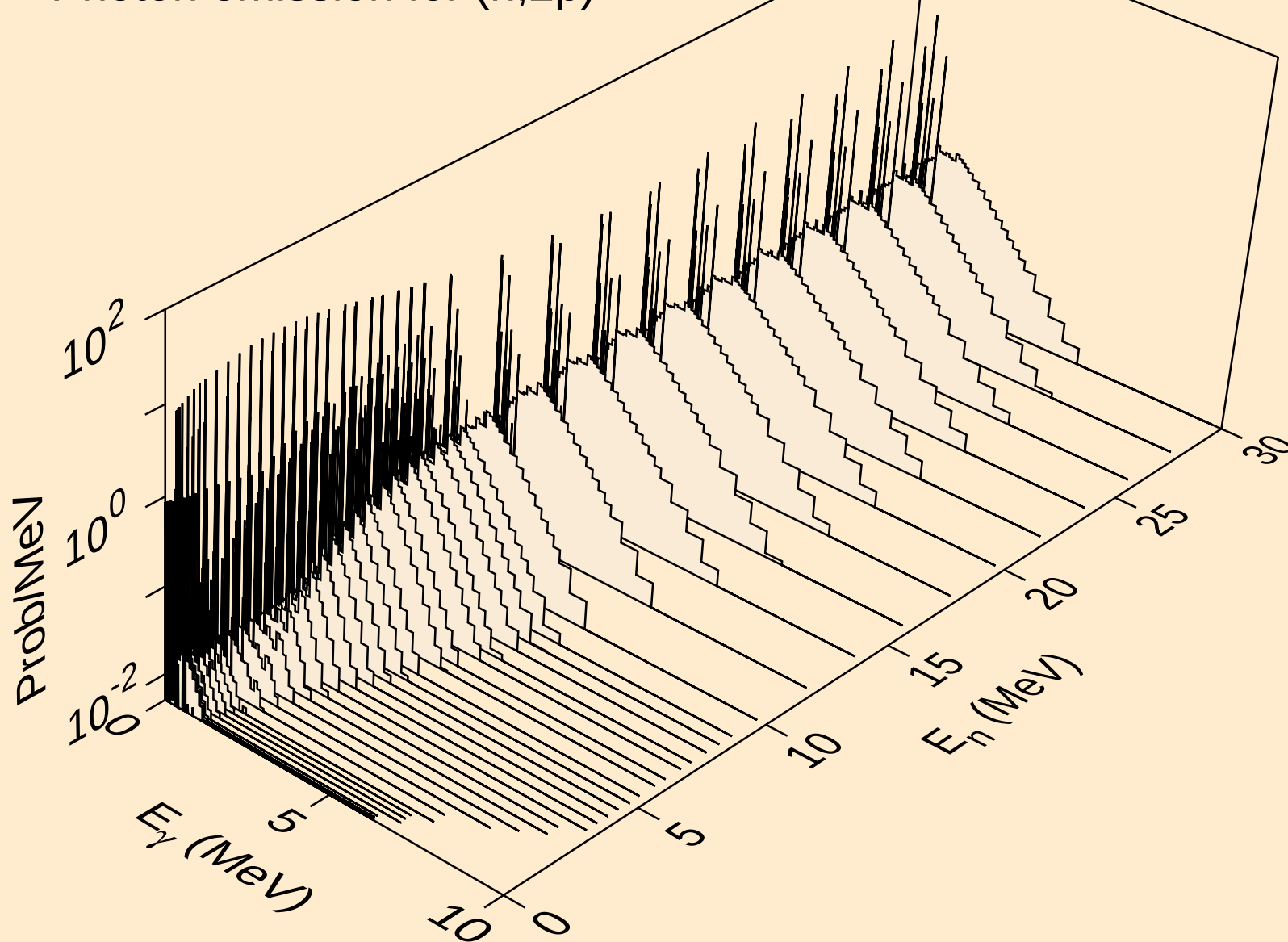
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2a)



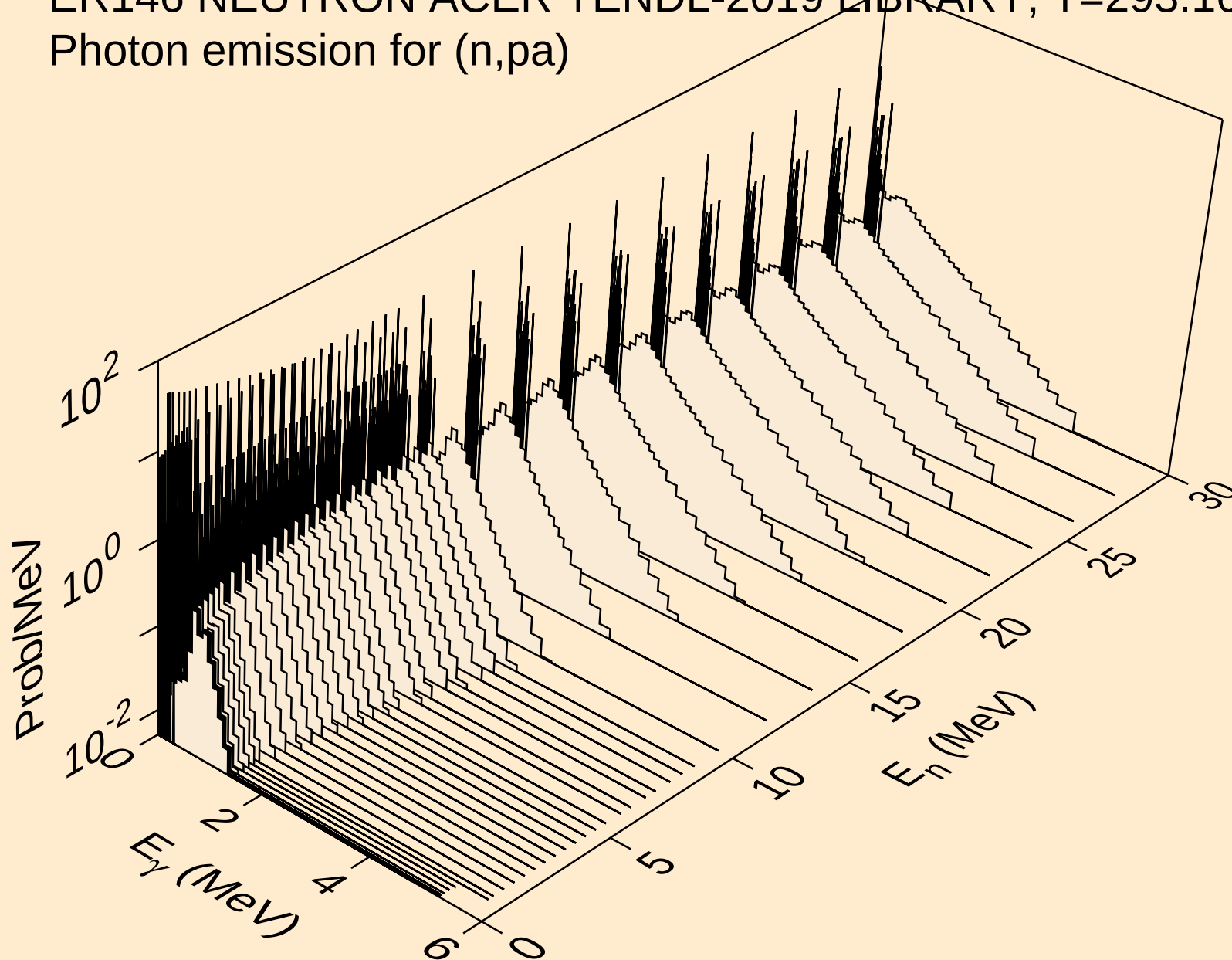
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,3a)



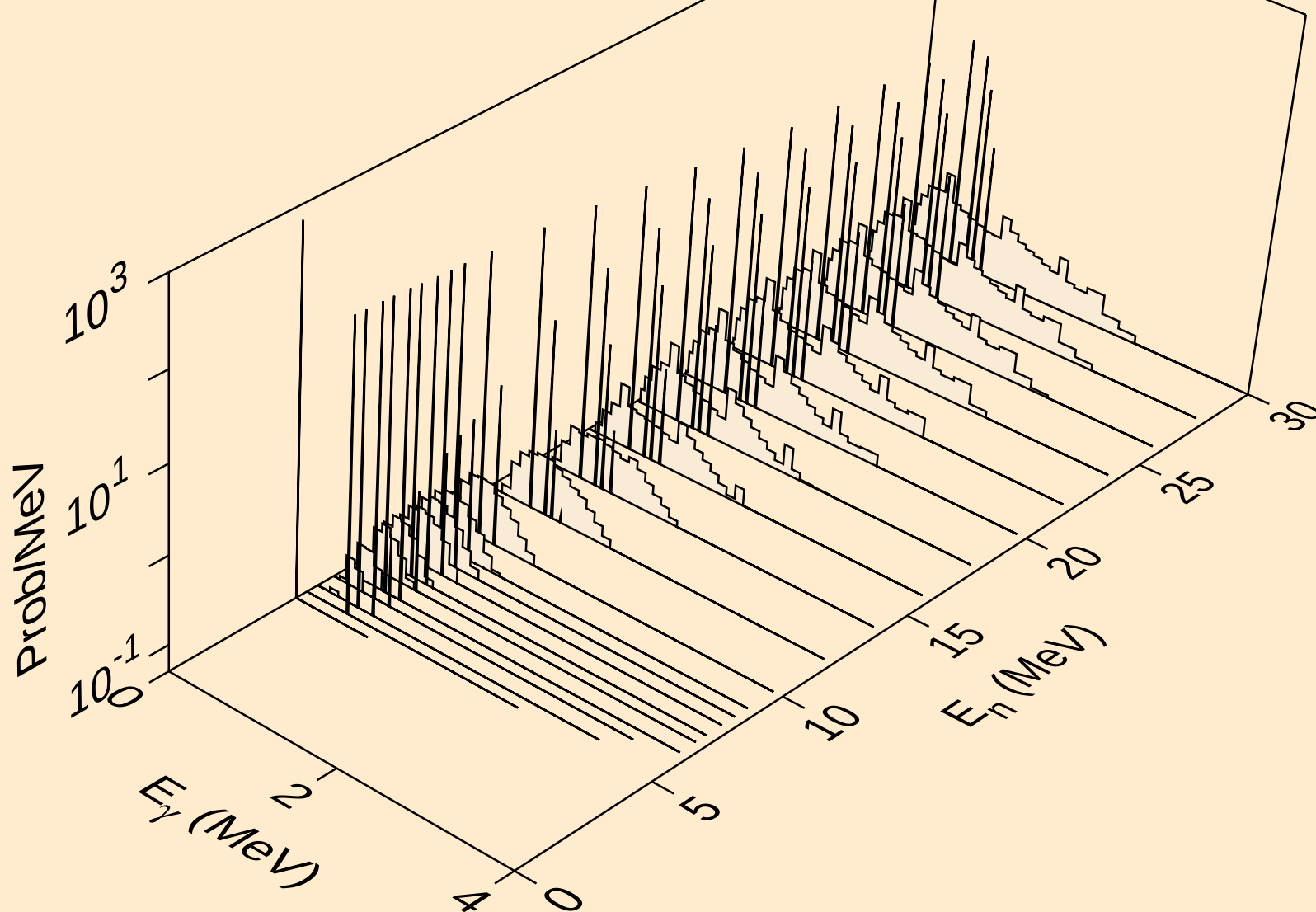
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,2p)



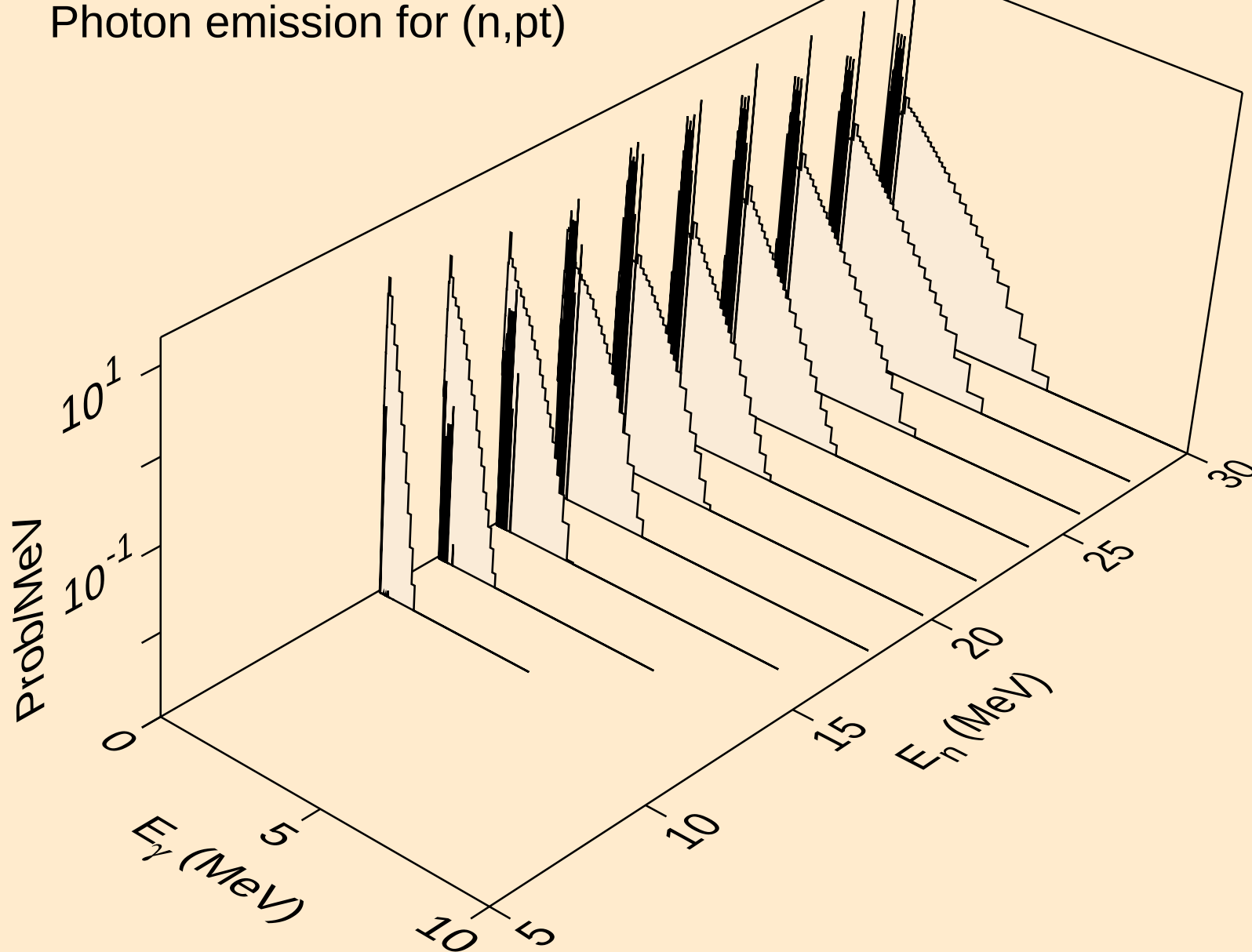
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,p α)



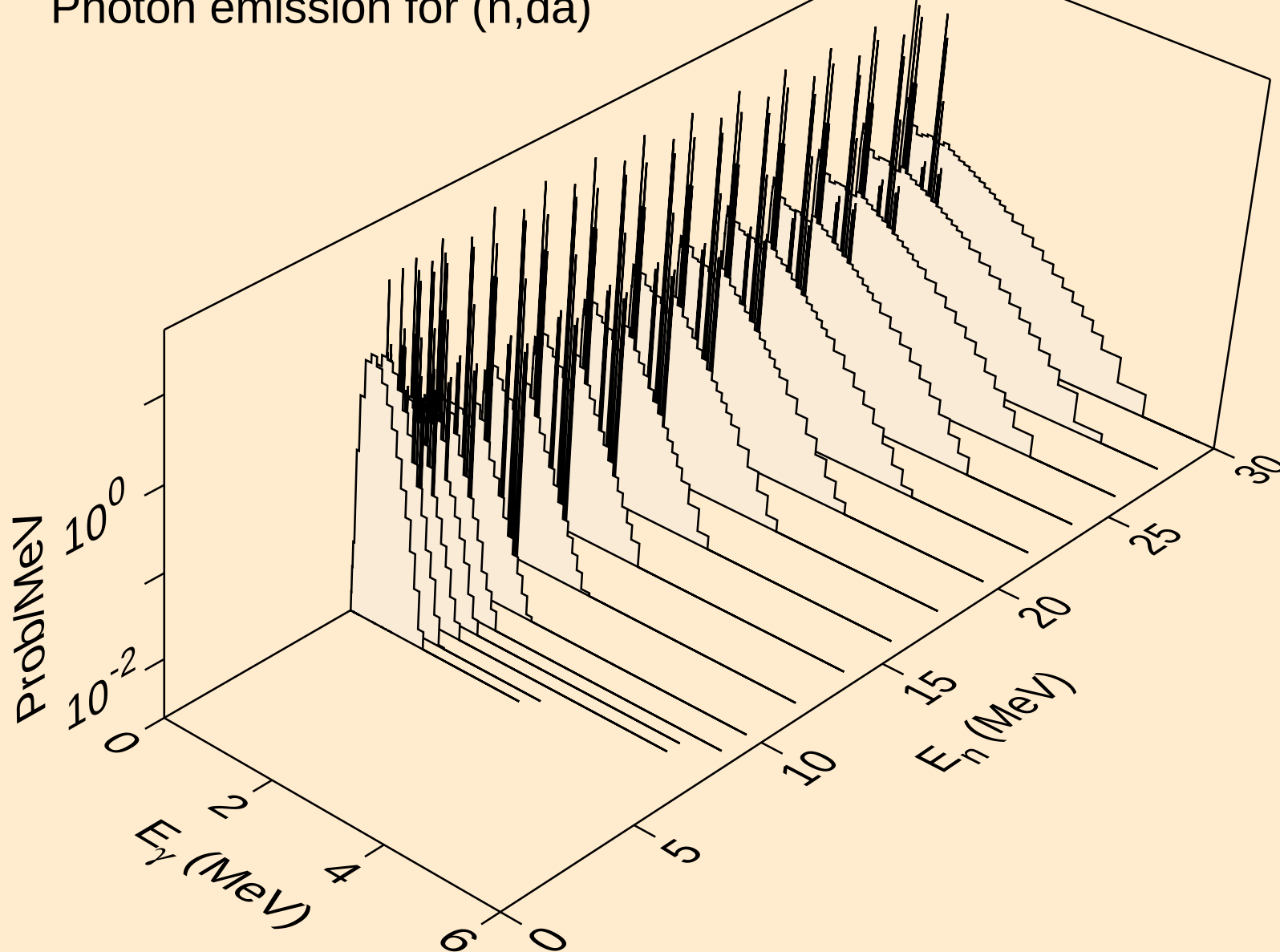
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pd)



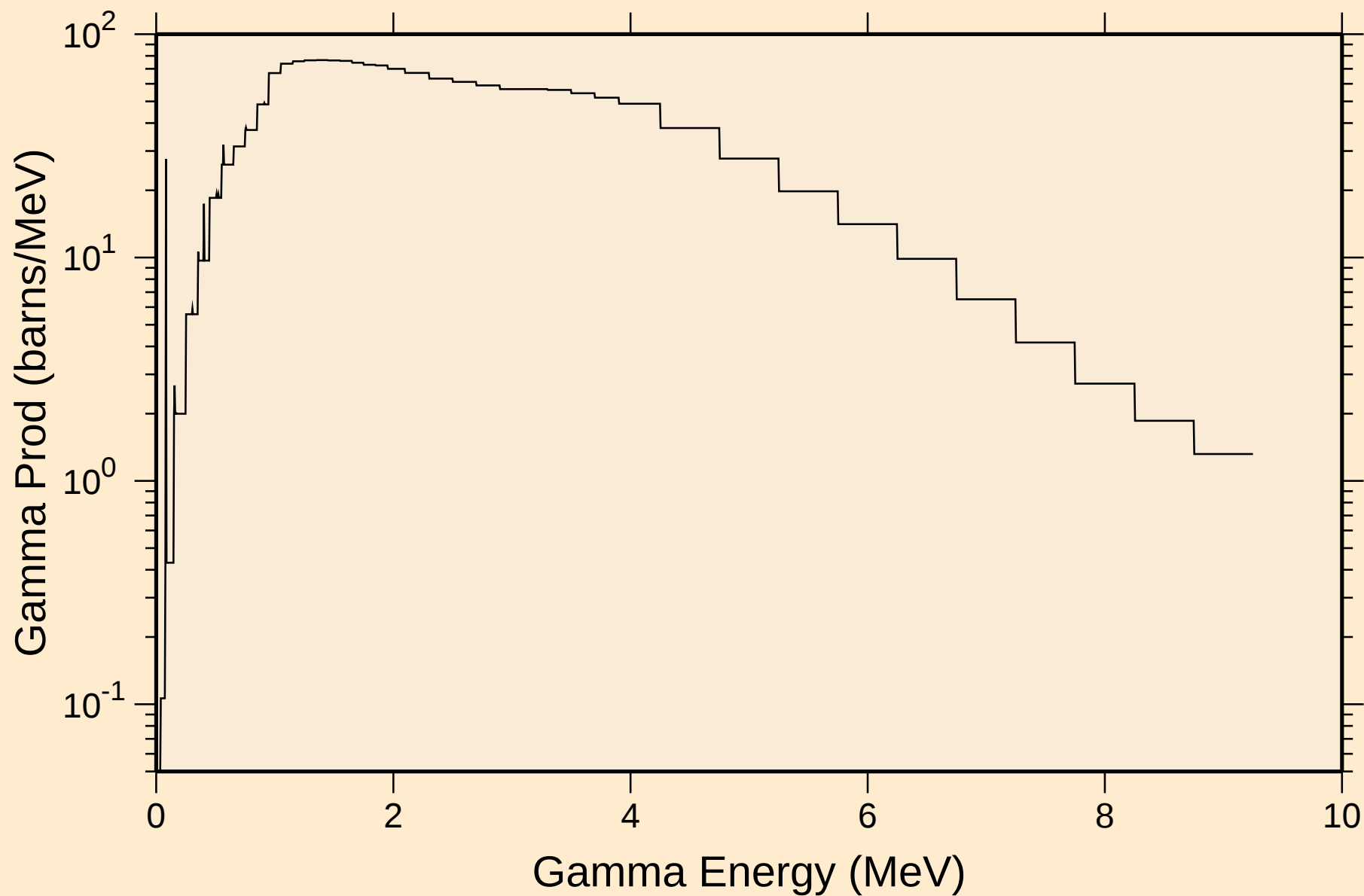
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,pt)



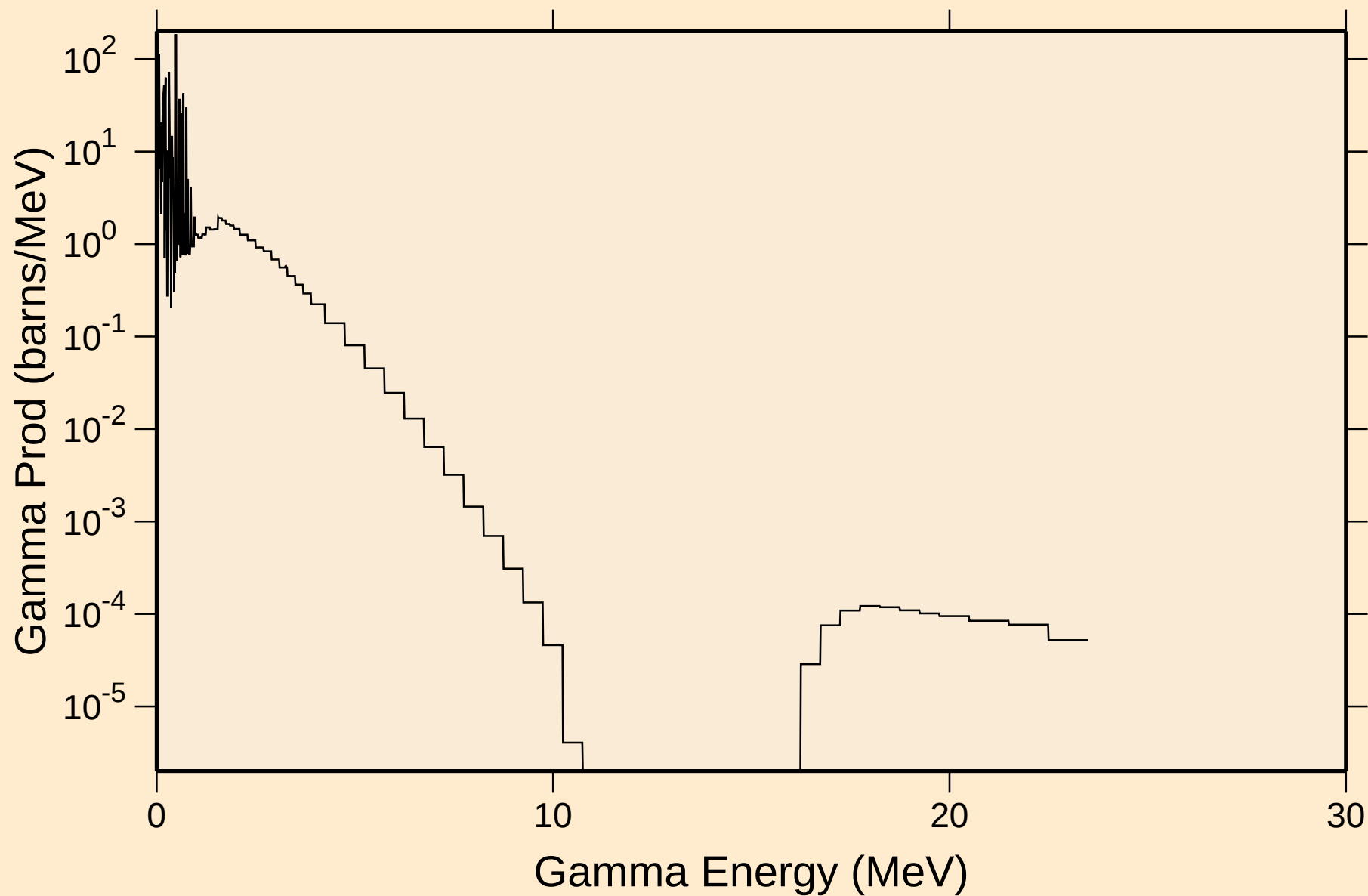
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Photon emission for (n,da)



ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
thermal capture photon spectrum

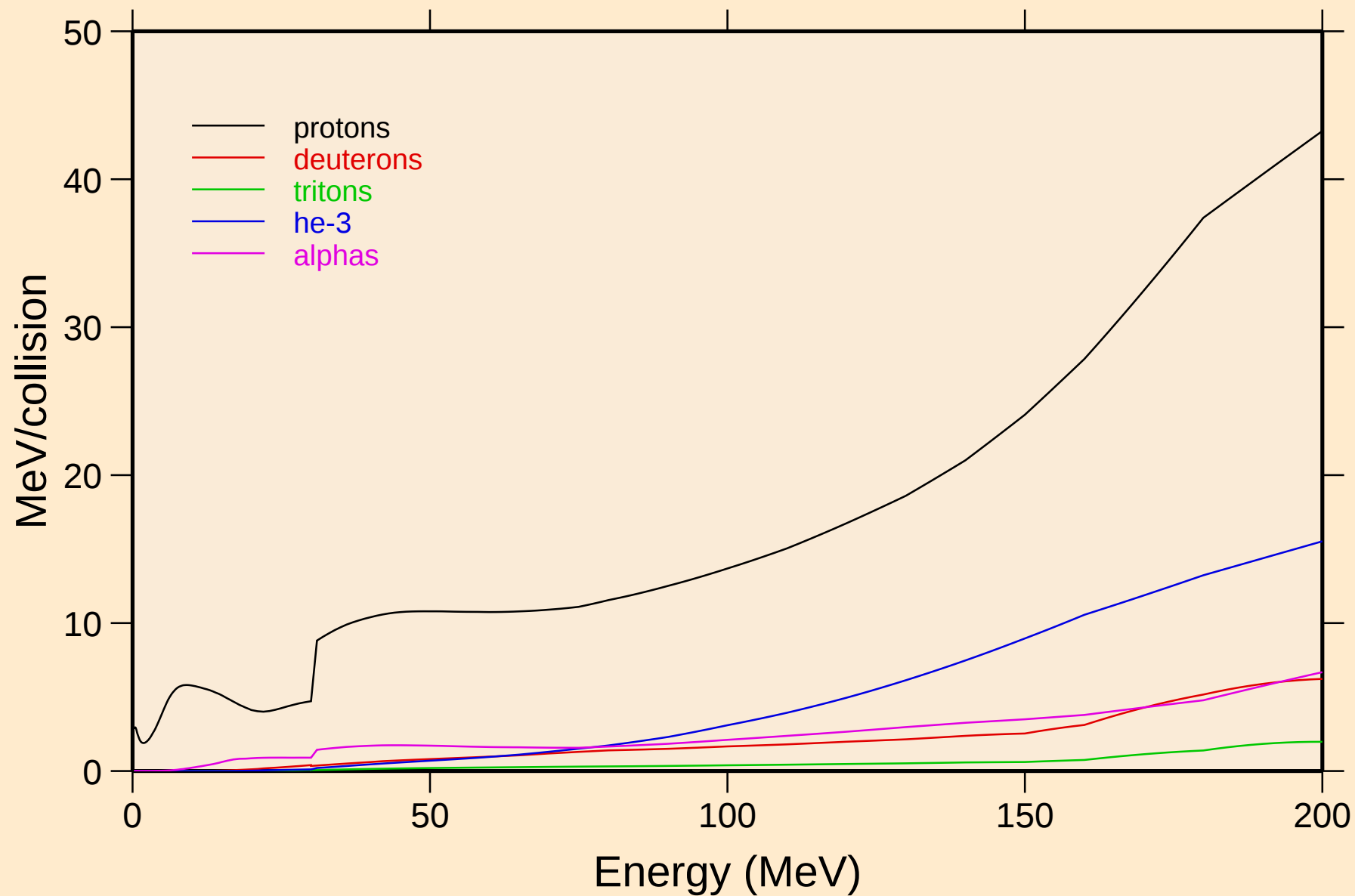


ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
14 MeV photon spectrum

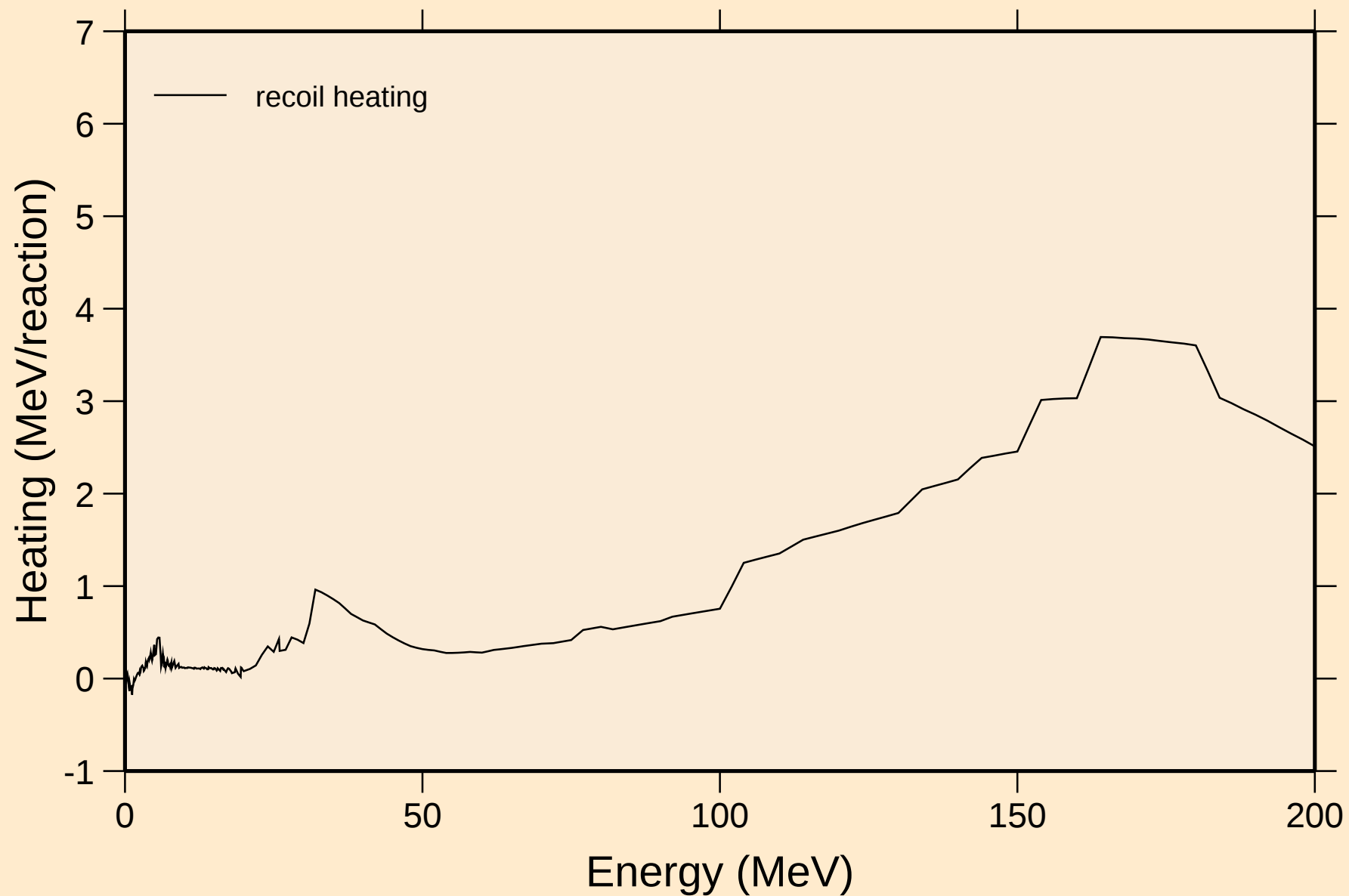


ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

Particle heating contributions

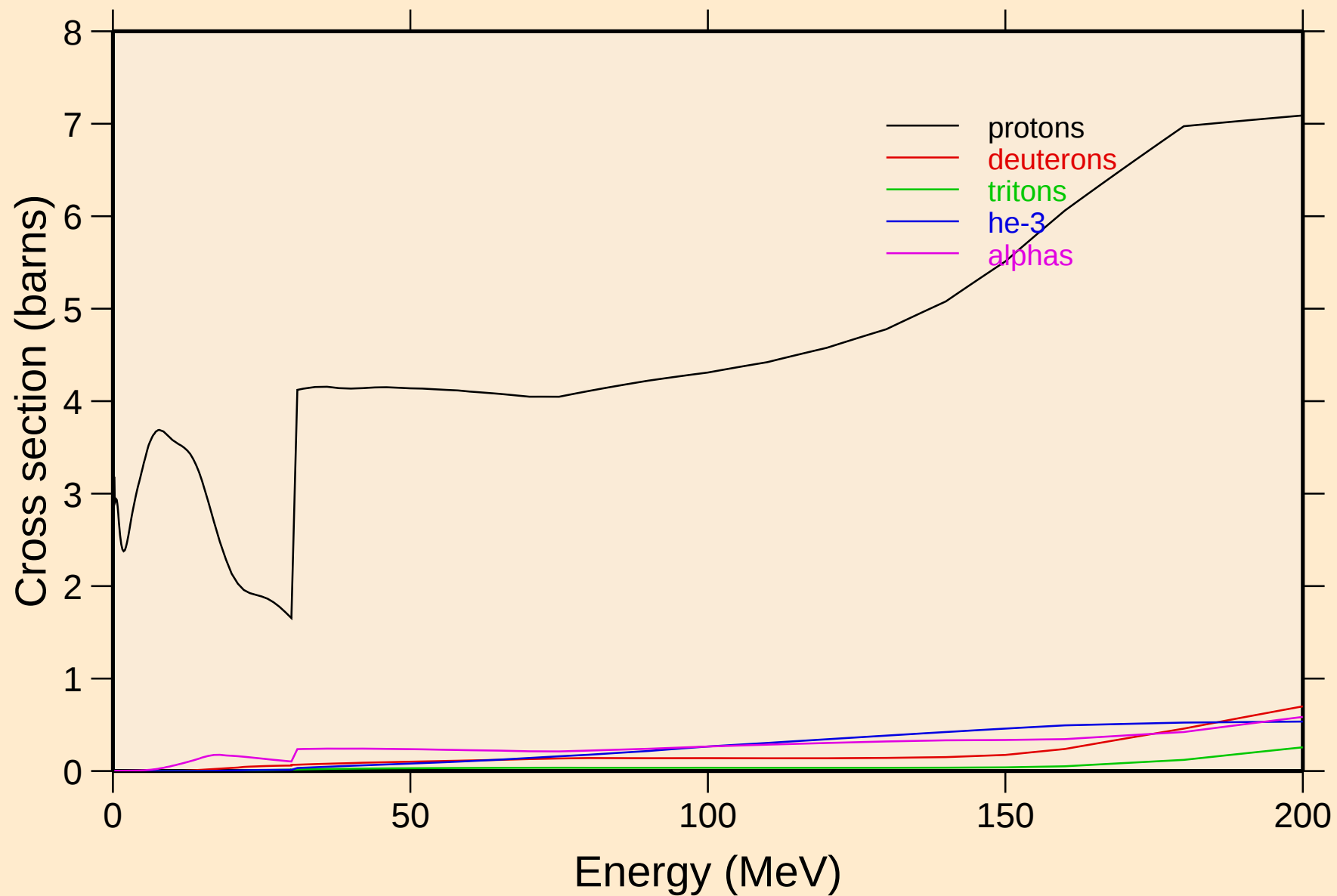


ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
Recoil Heating

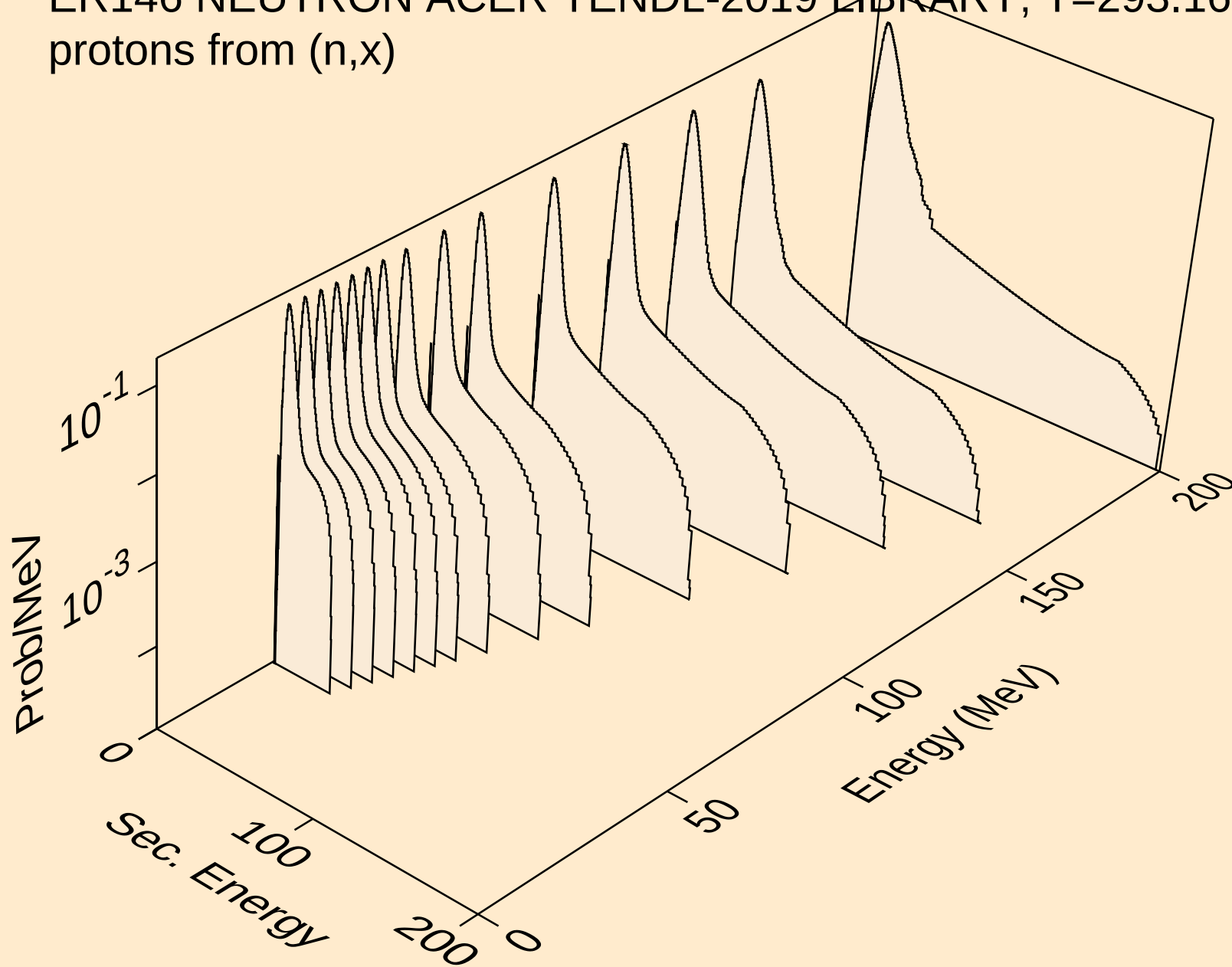


ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K

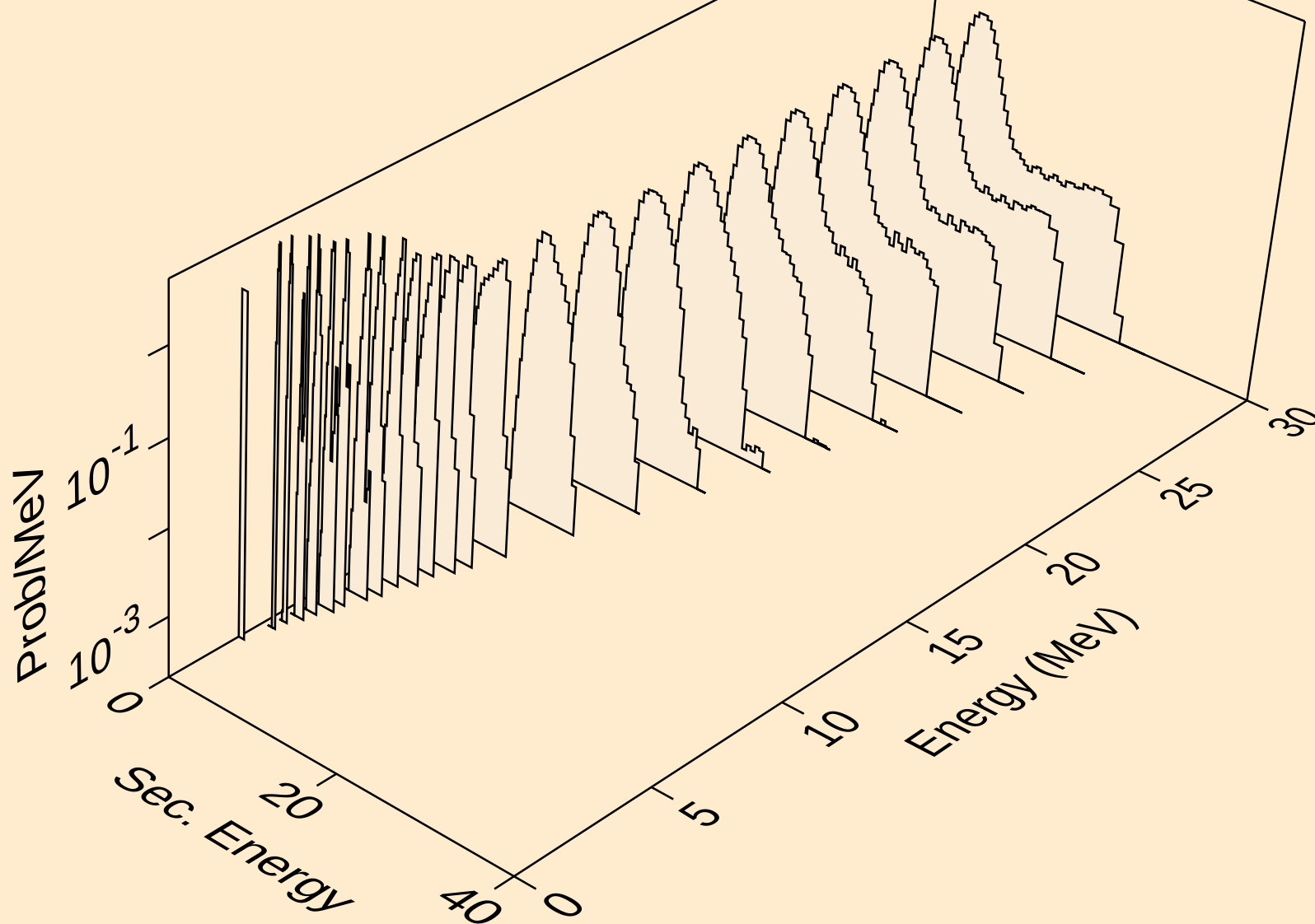
Particle production cross sections



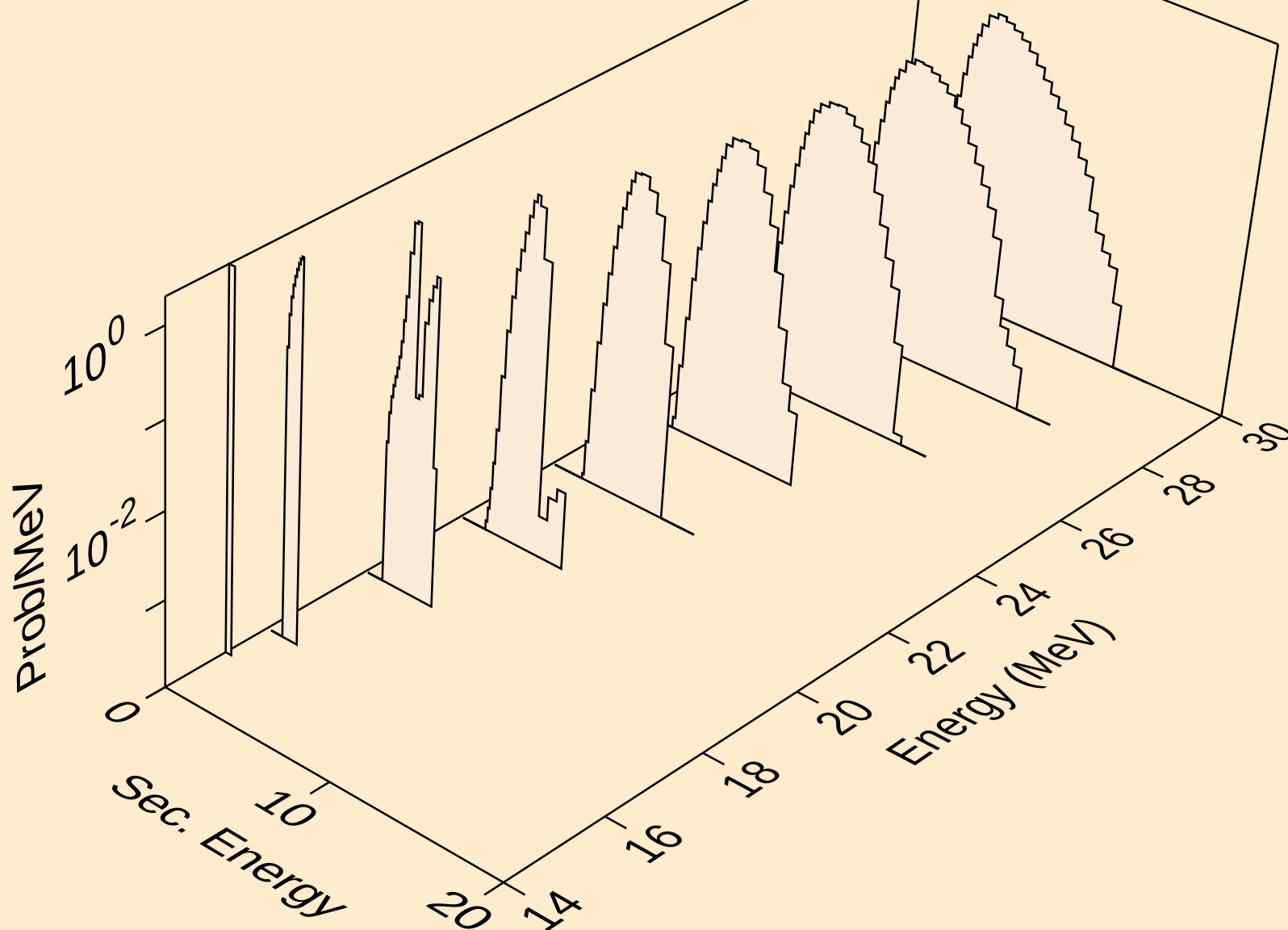
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,x)



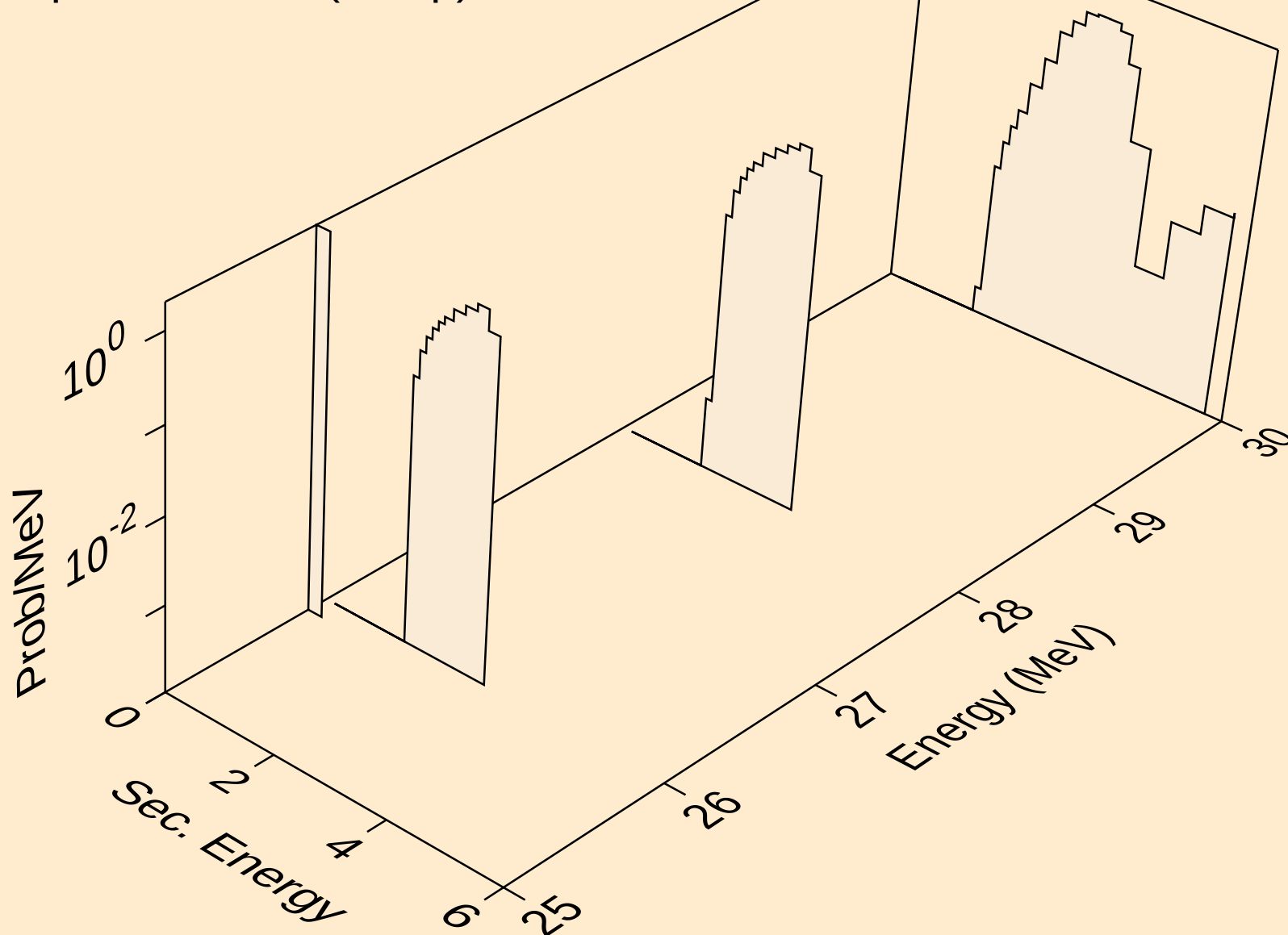
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,n*)p



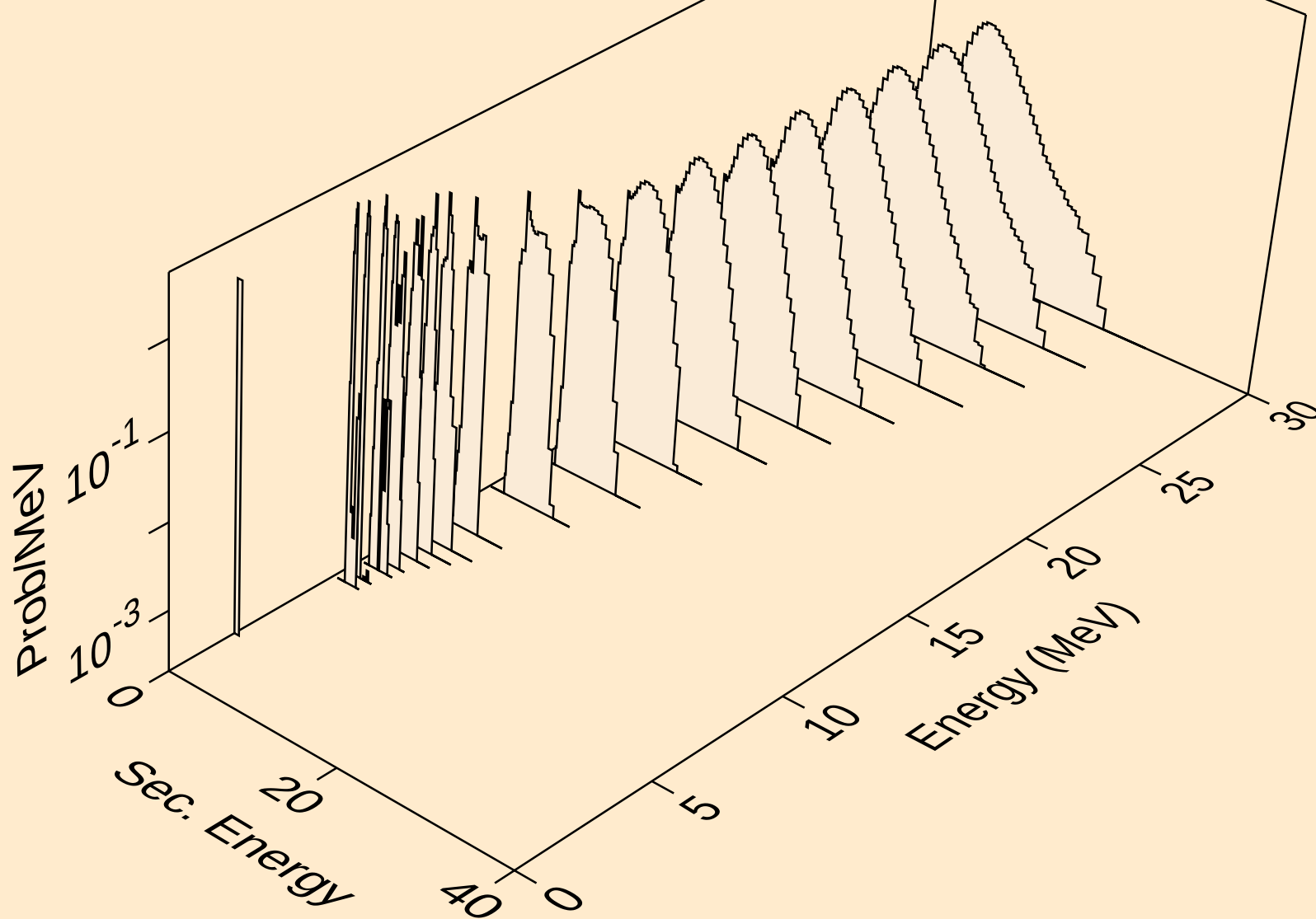
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



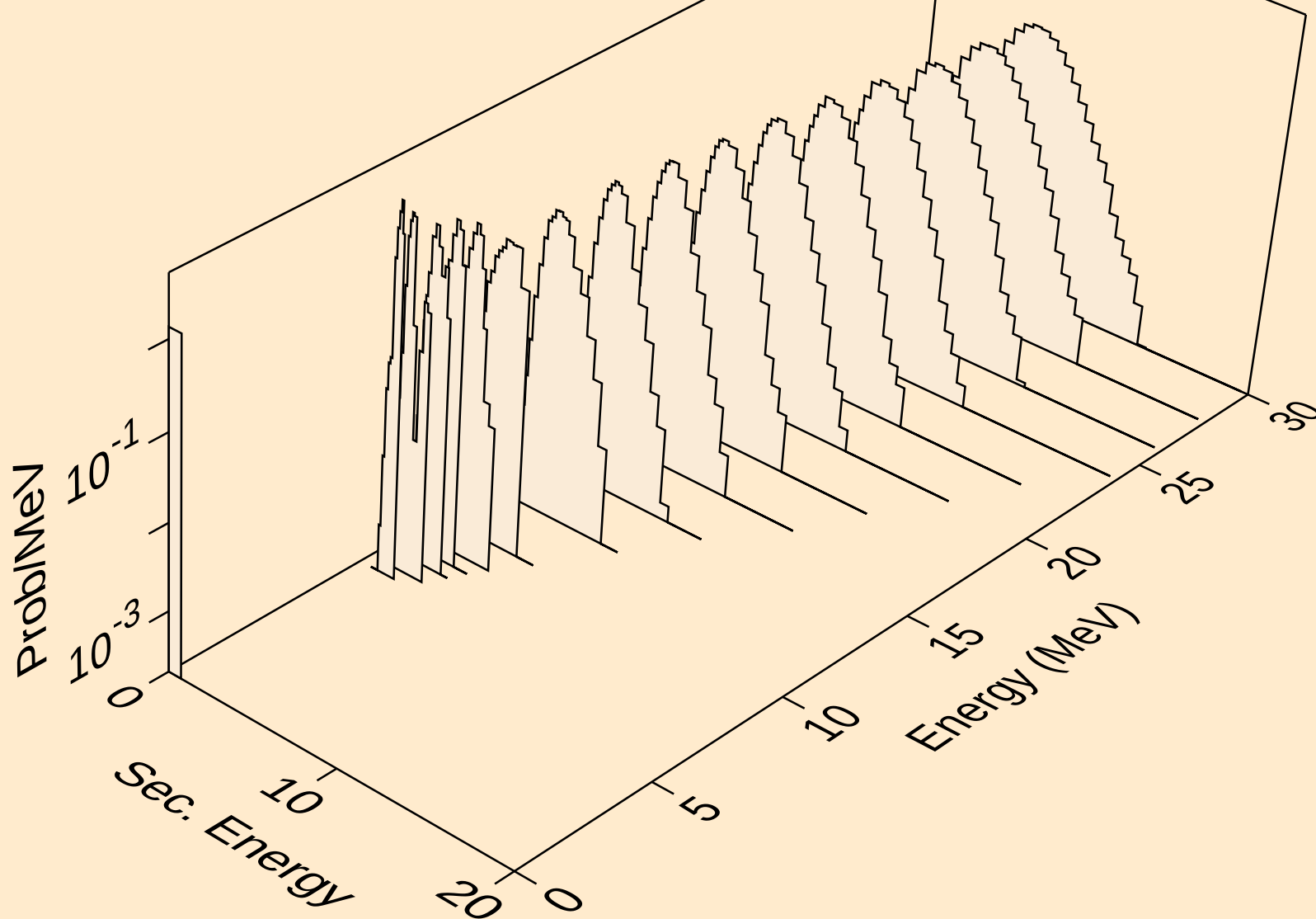
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,3np)



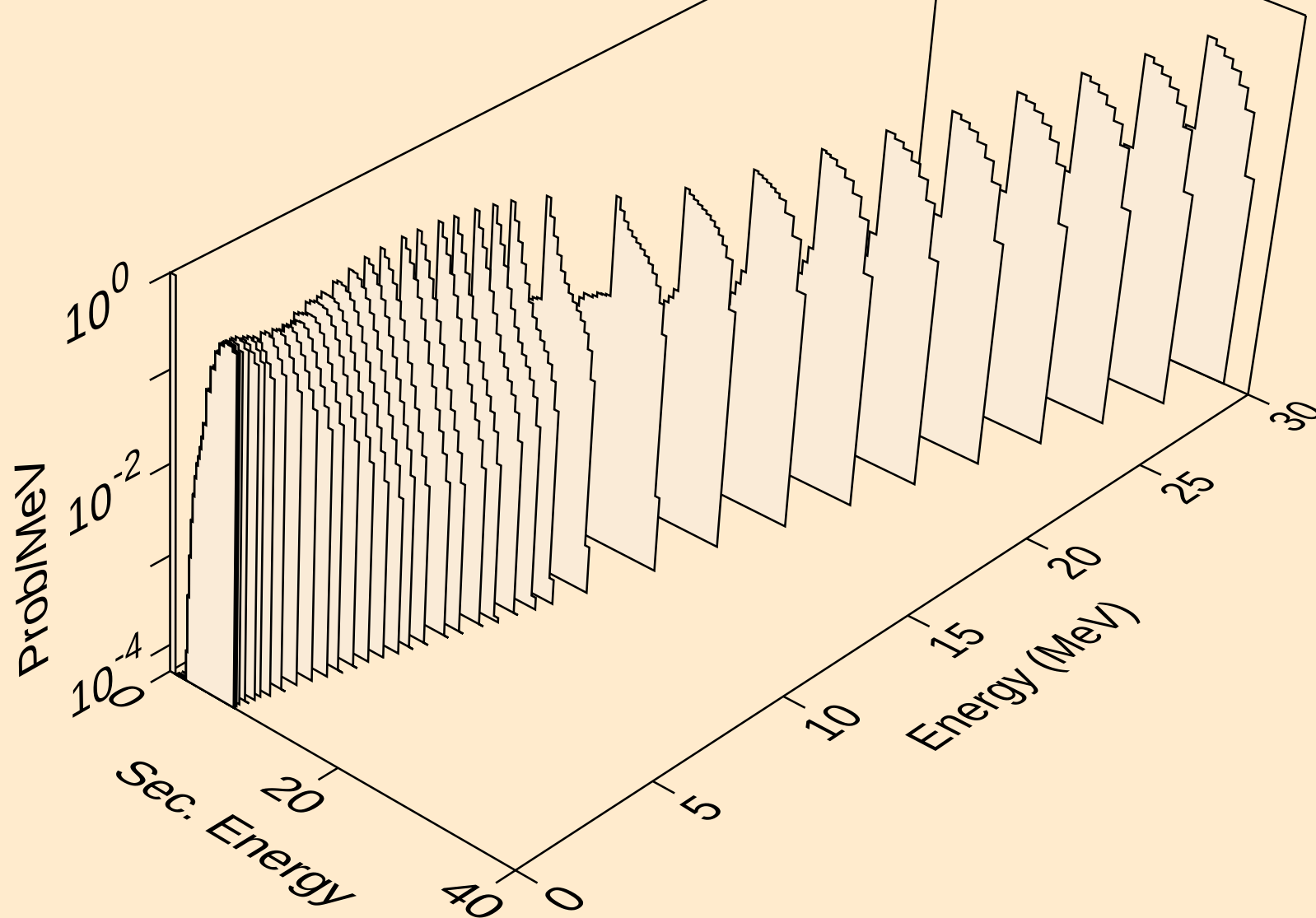
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2np)



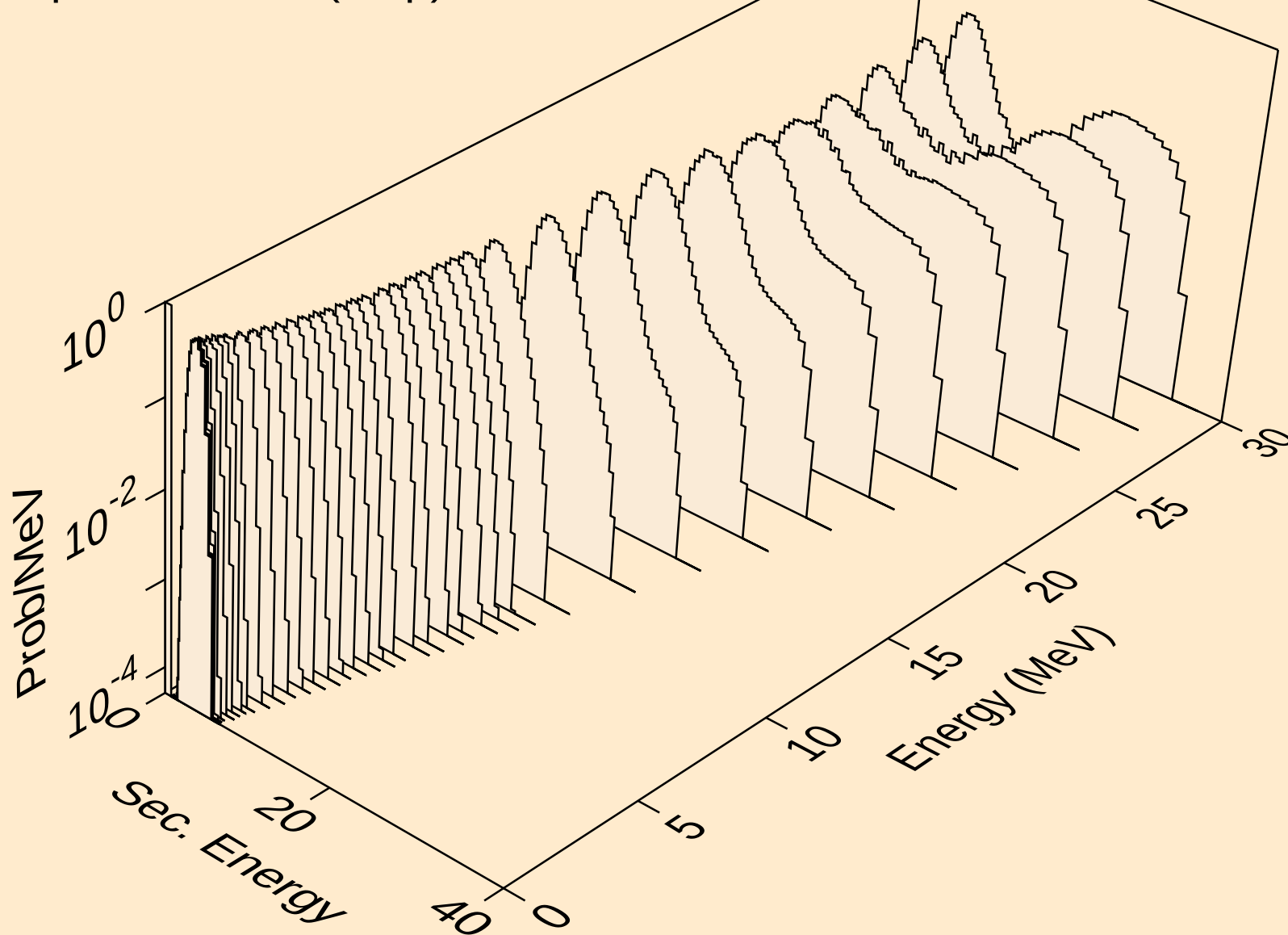
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,npa)



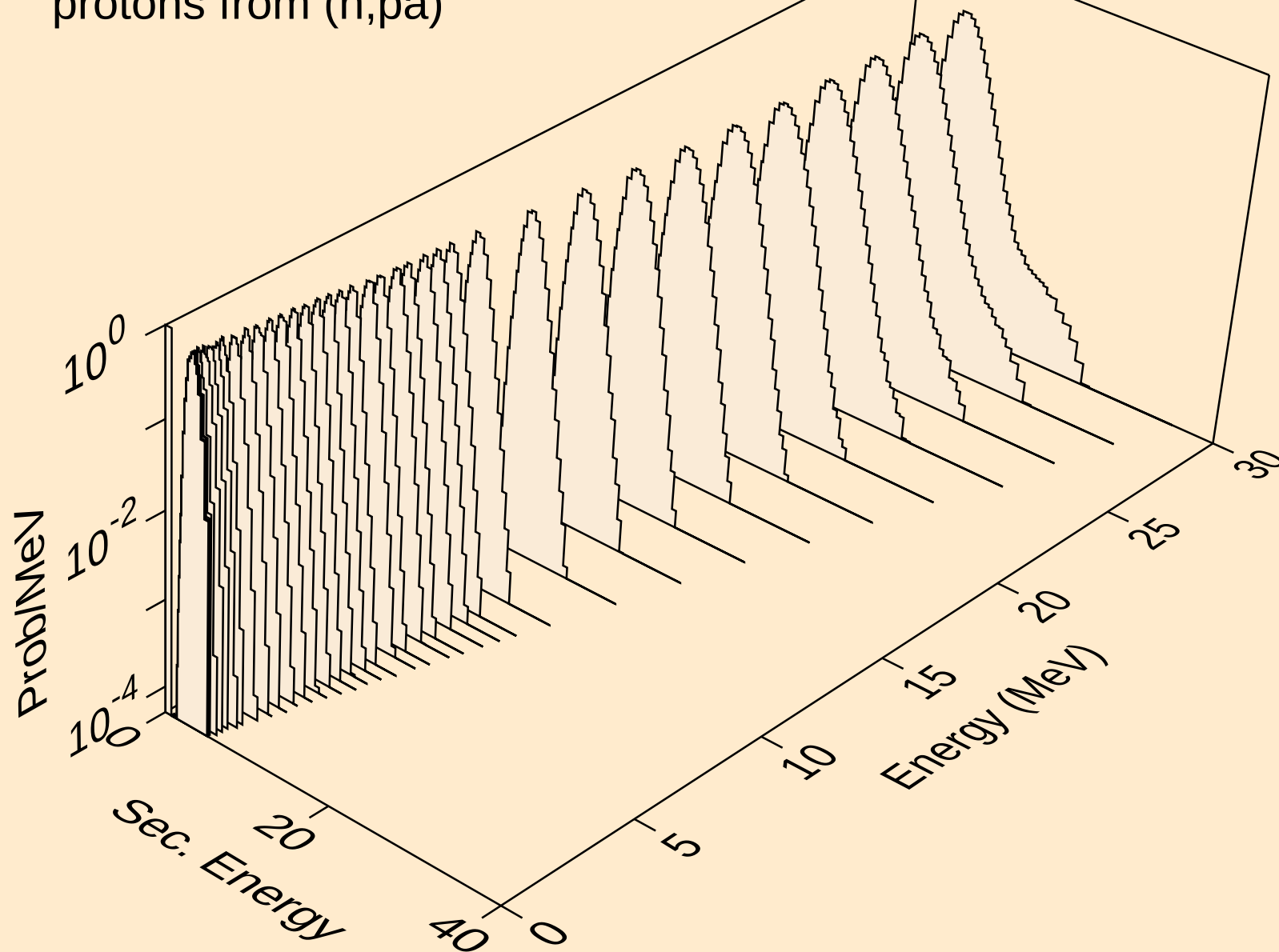
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



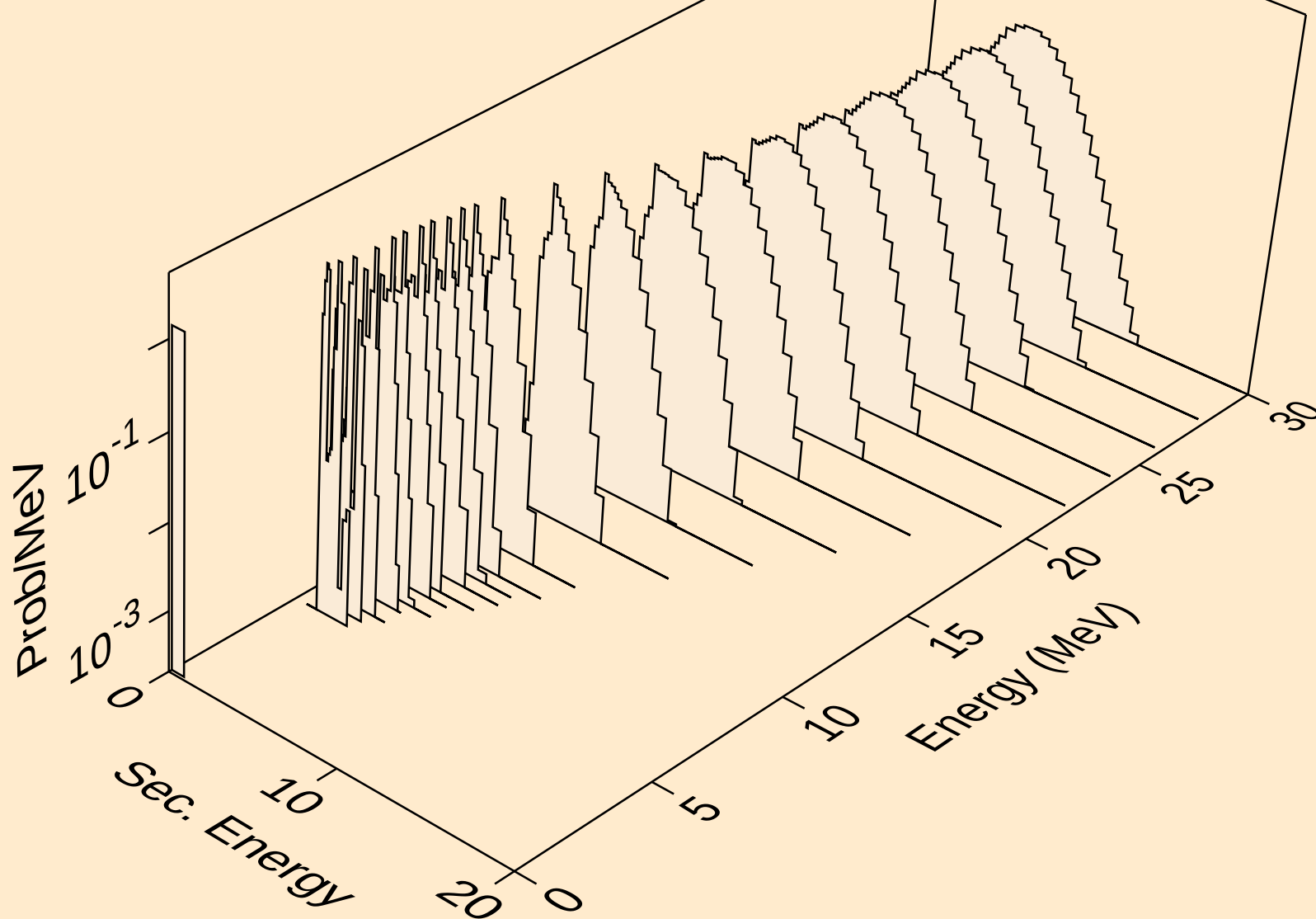
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,2p)



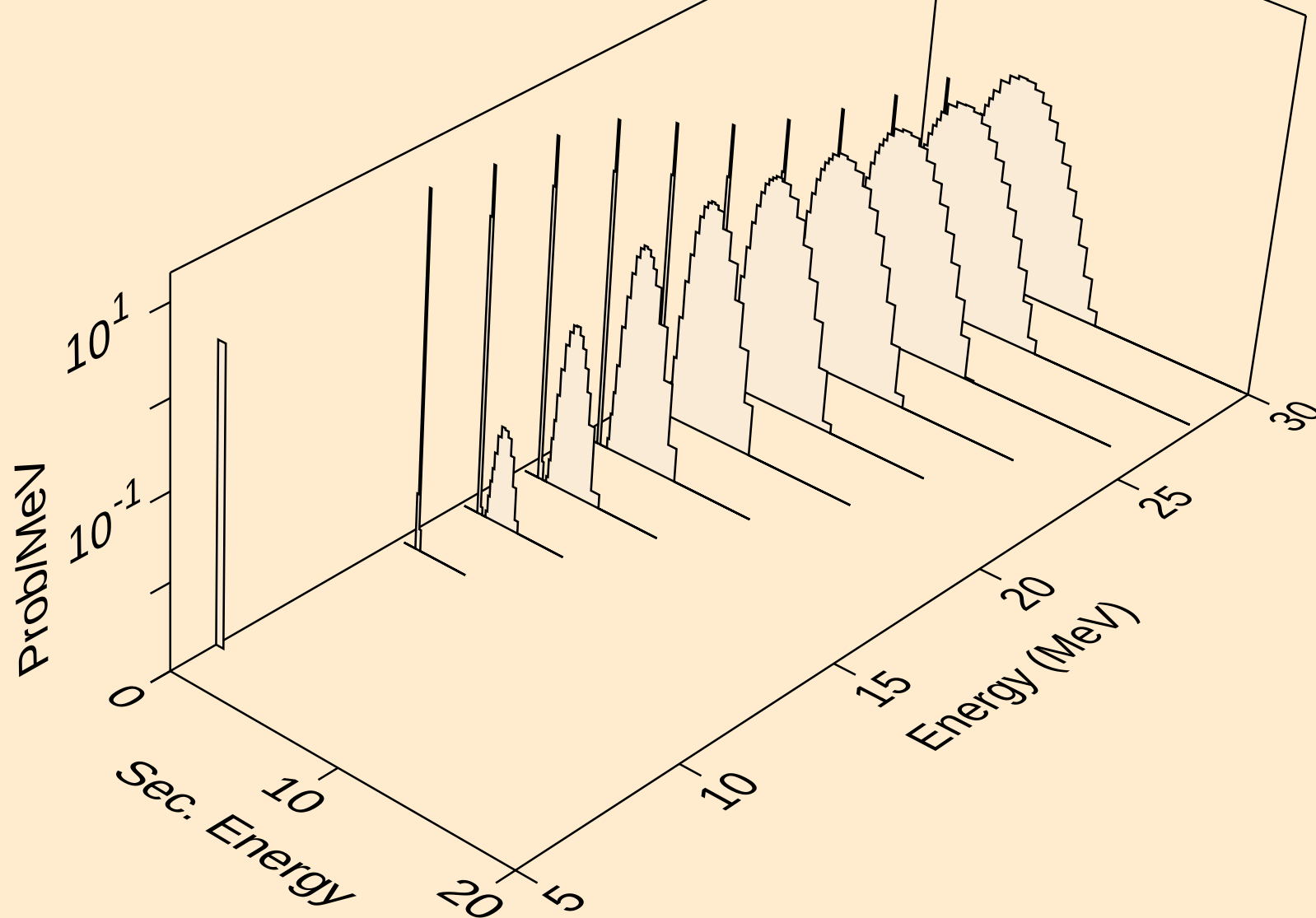
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,p)



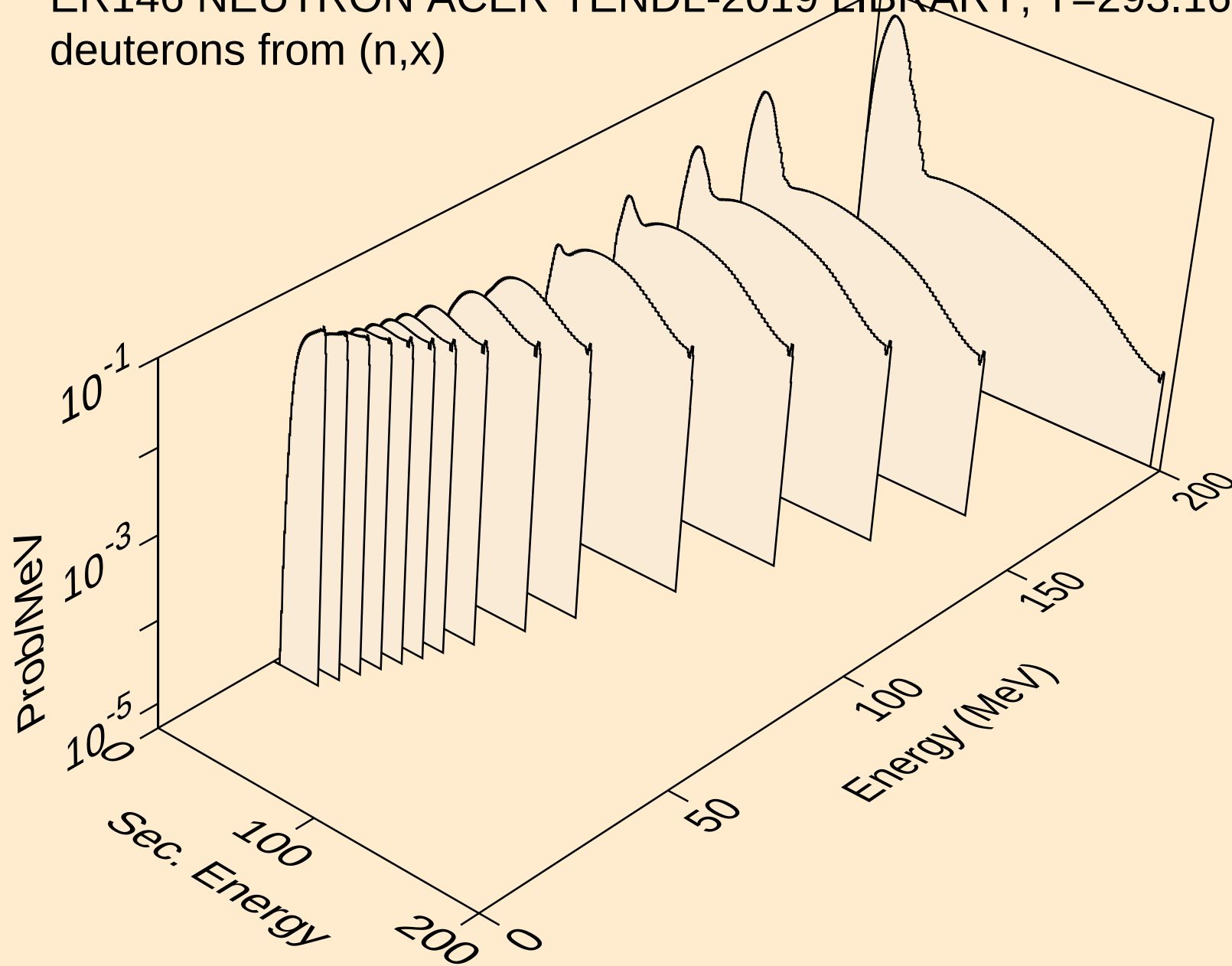
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pd)



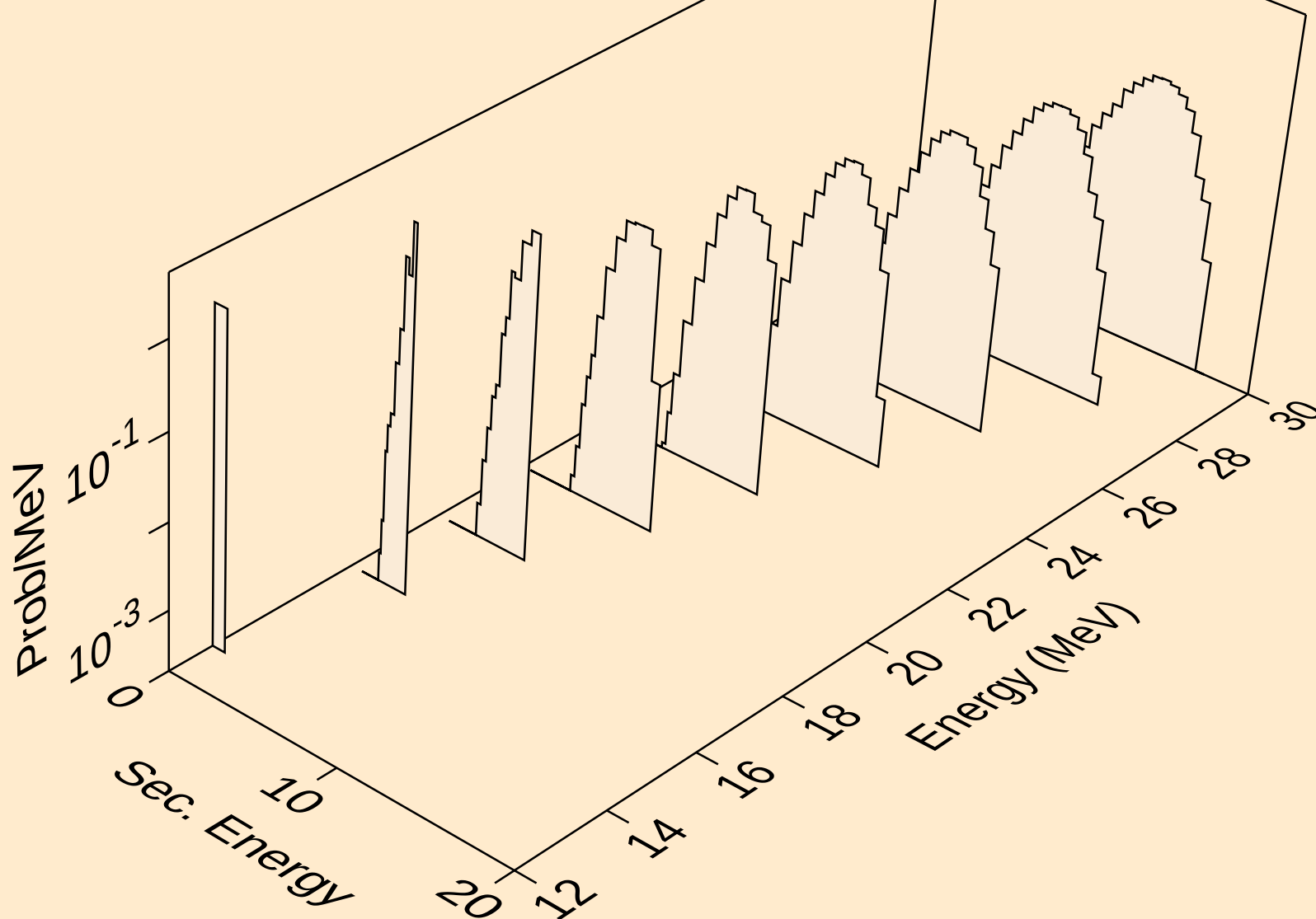
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
protons from (n,pt)



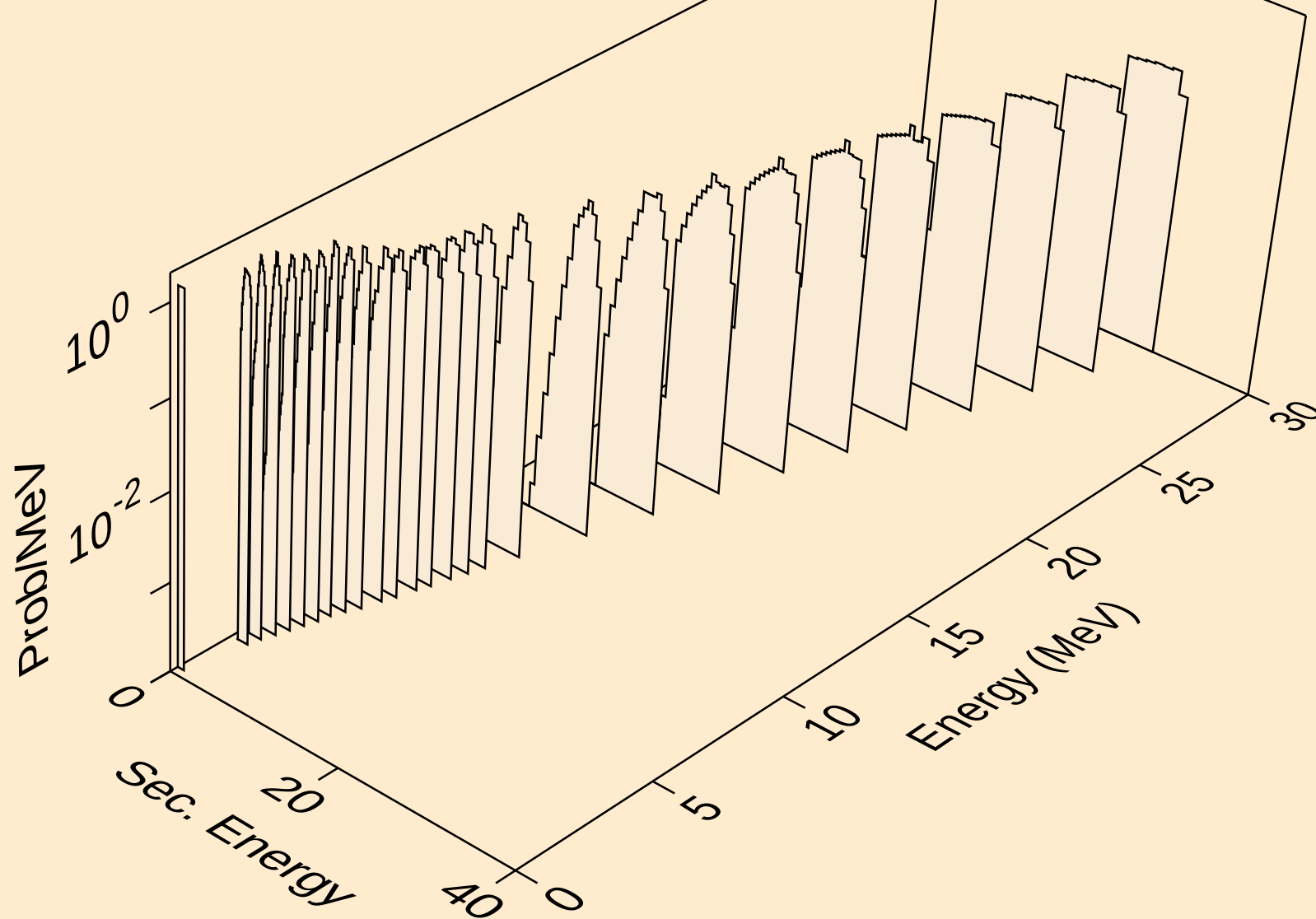
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,x)



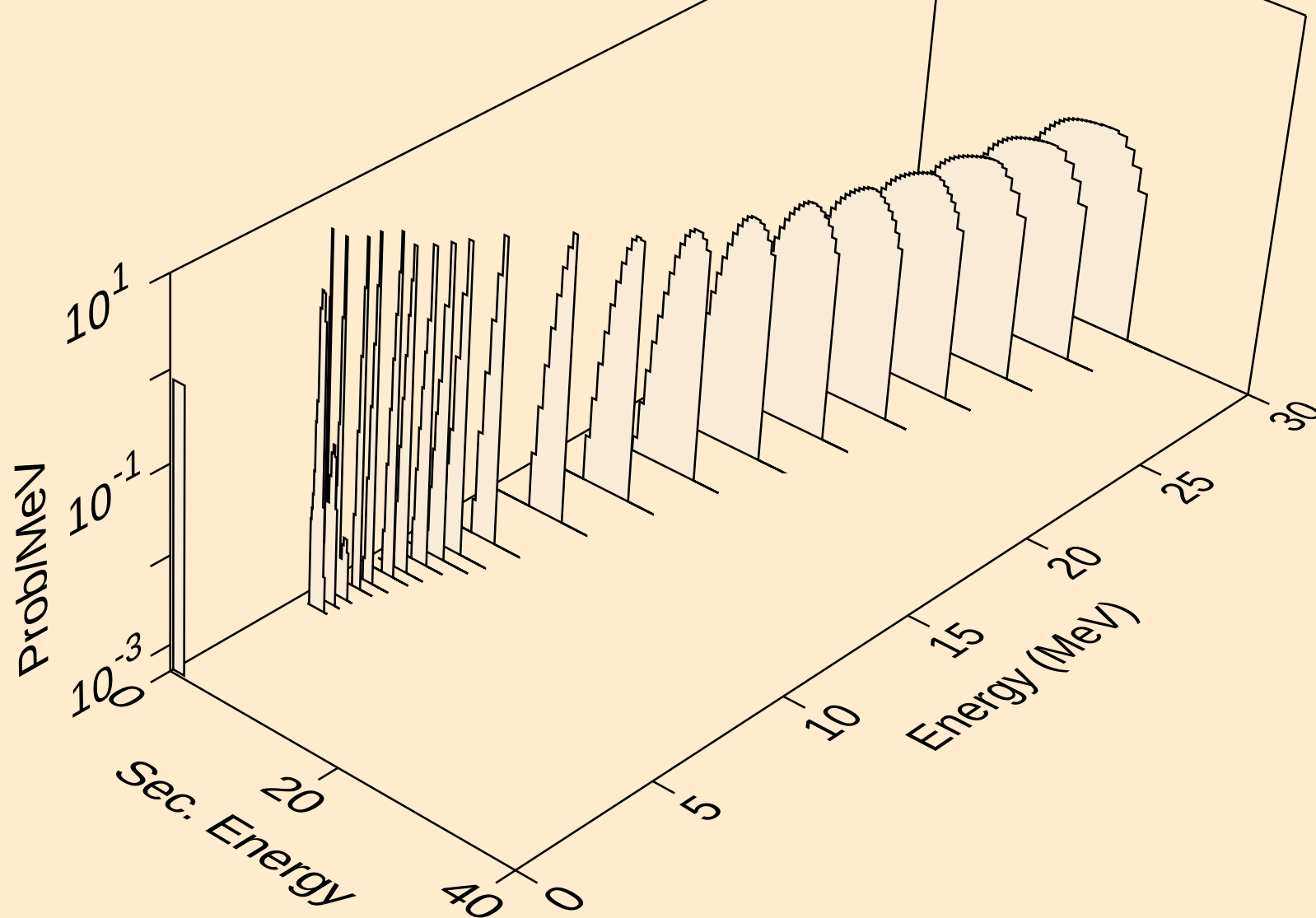
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,n*)d



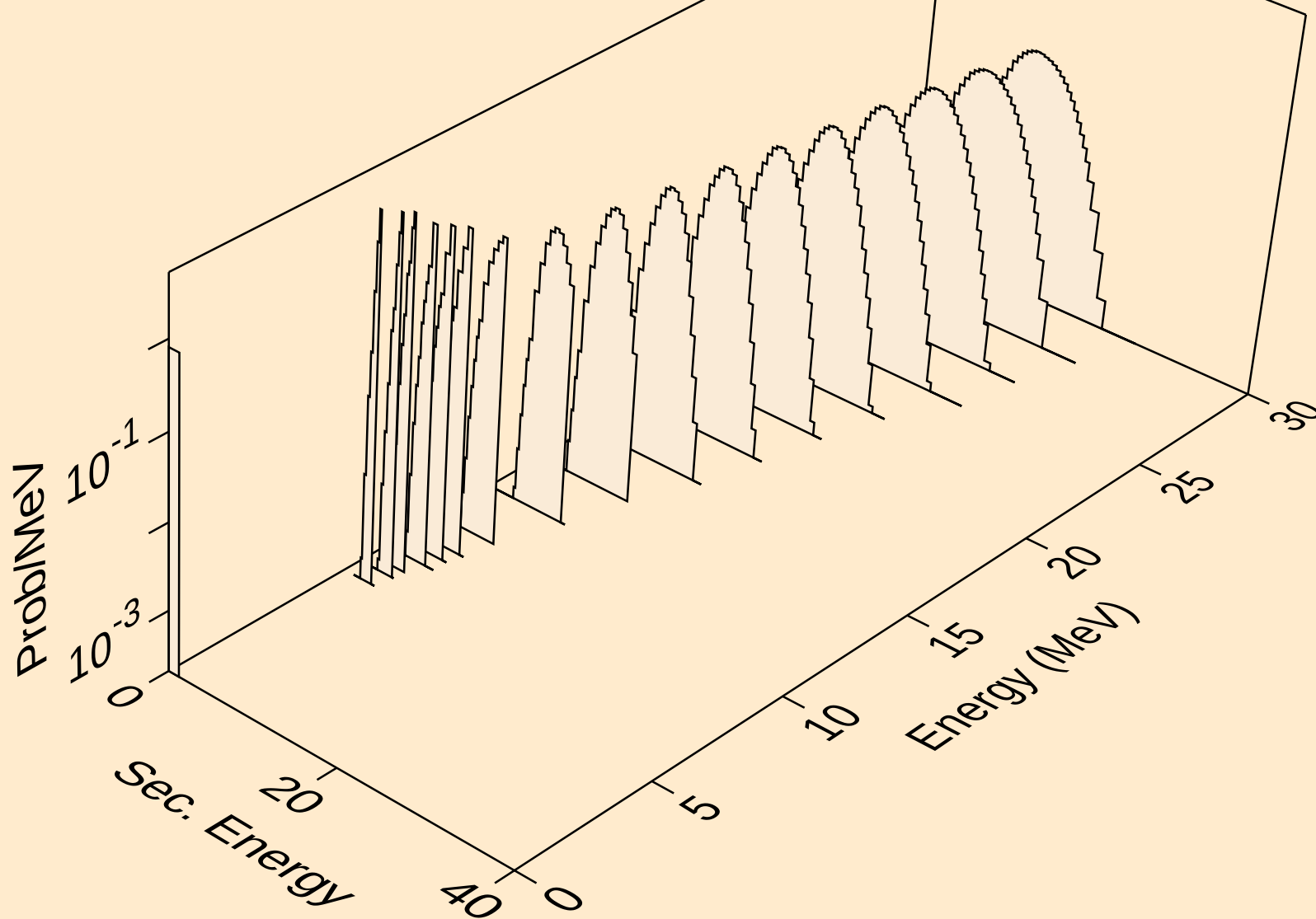
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,d)



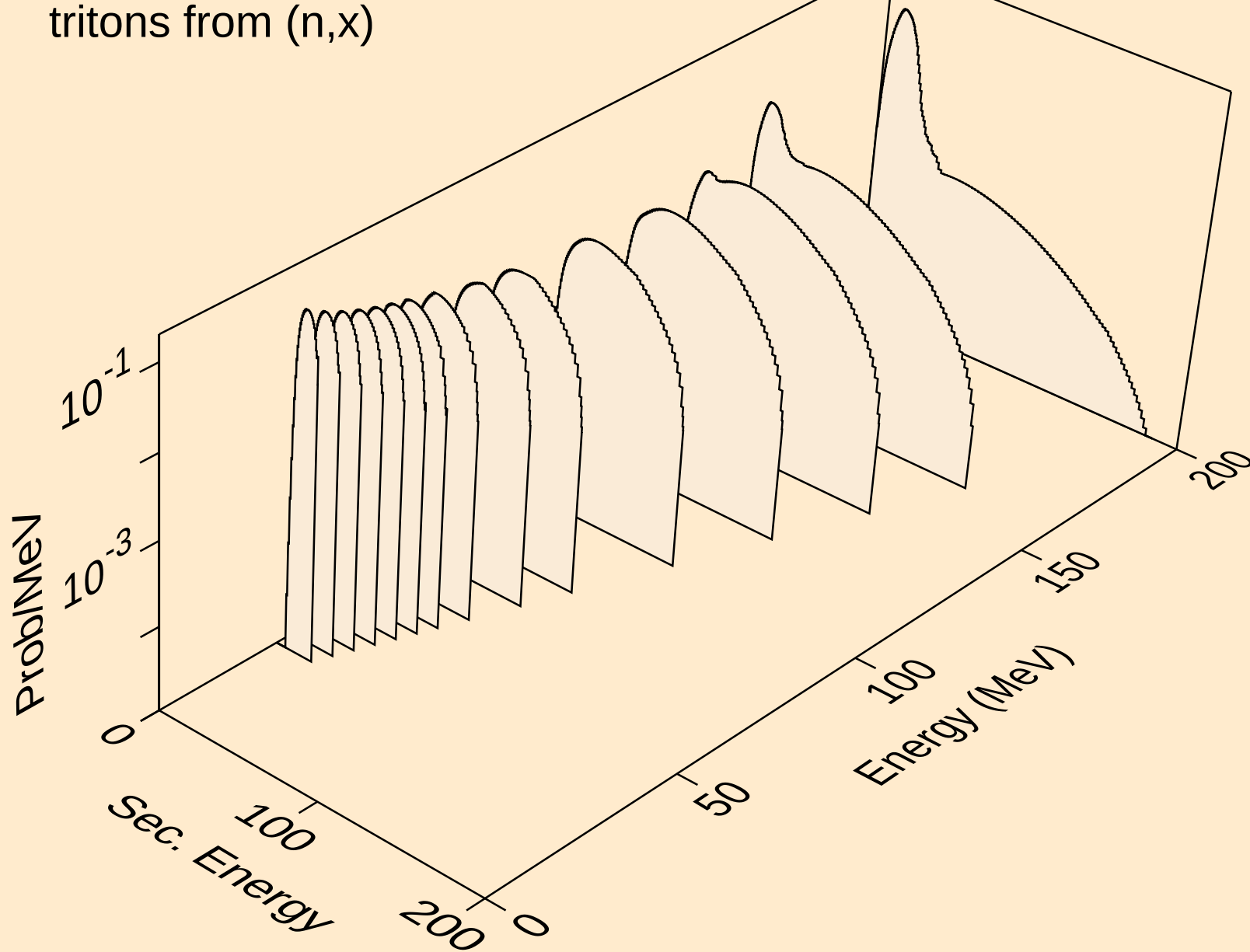
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,pd)



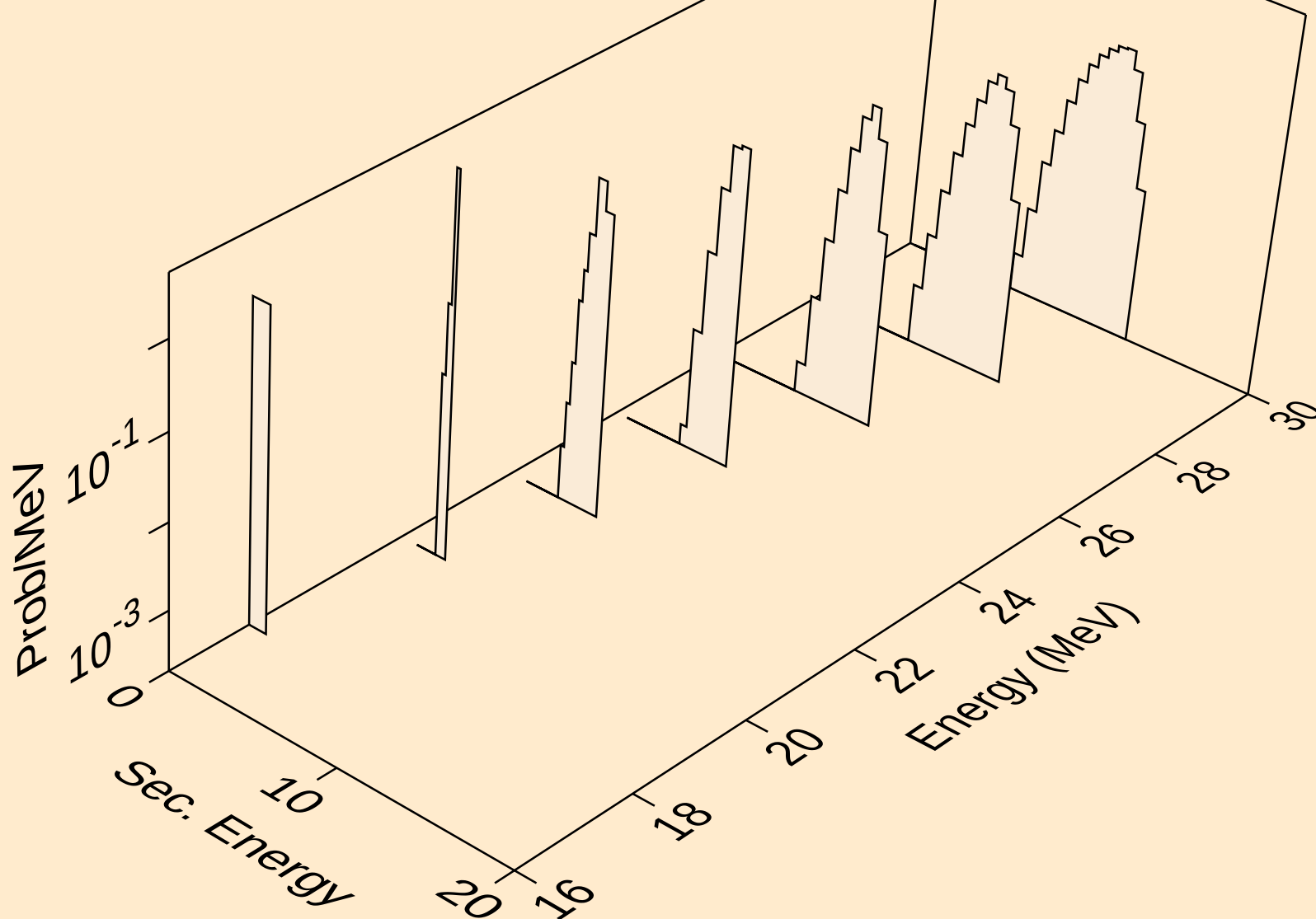
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
deuterons from (n,da)



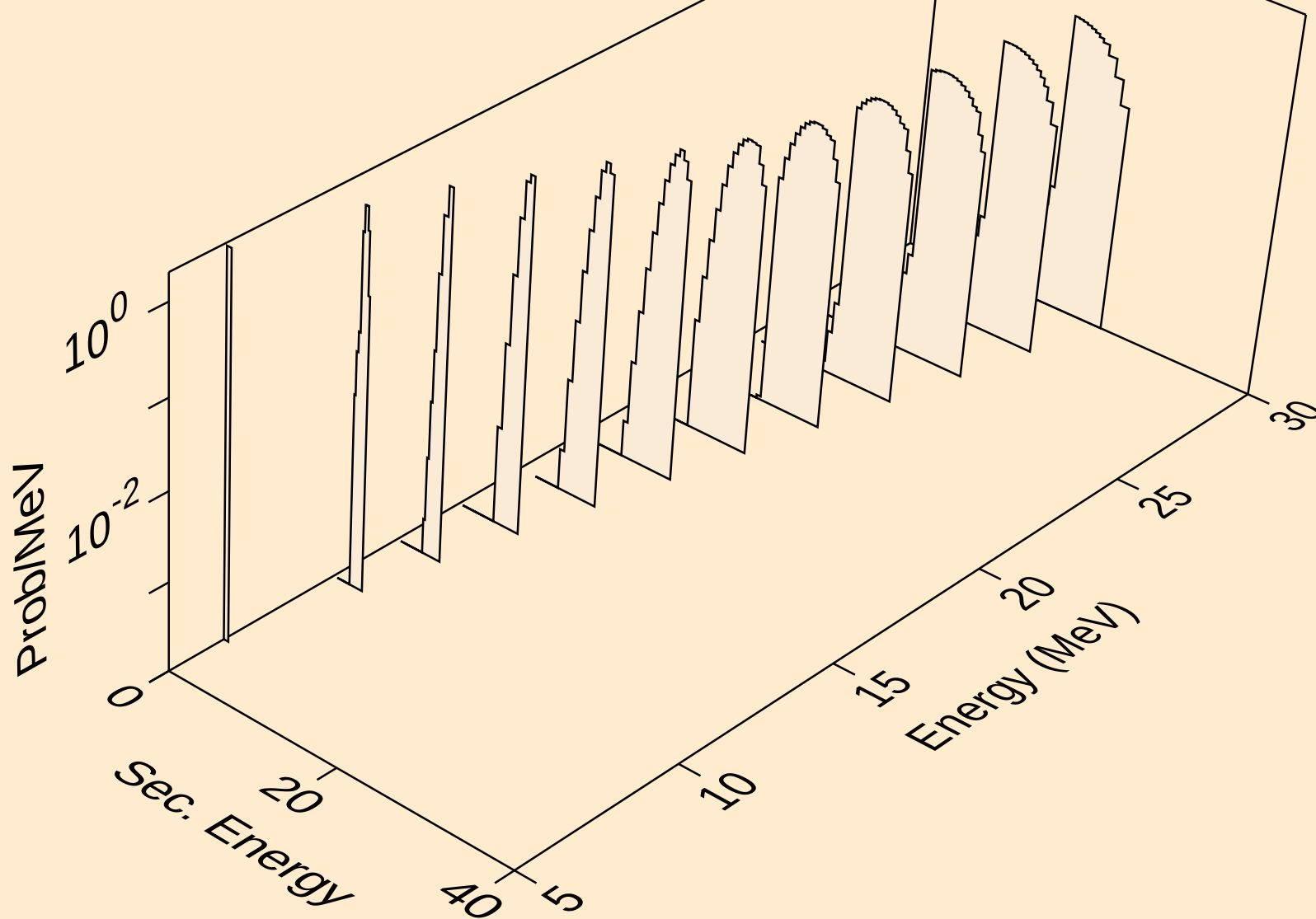
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,x)



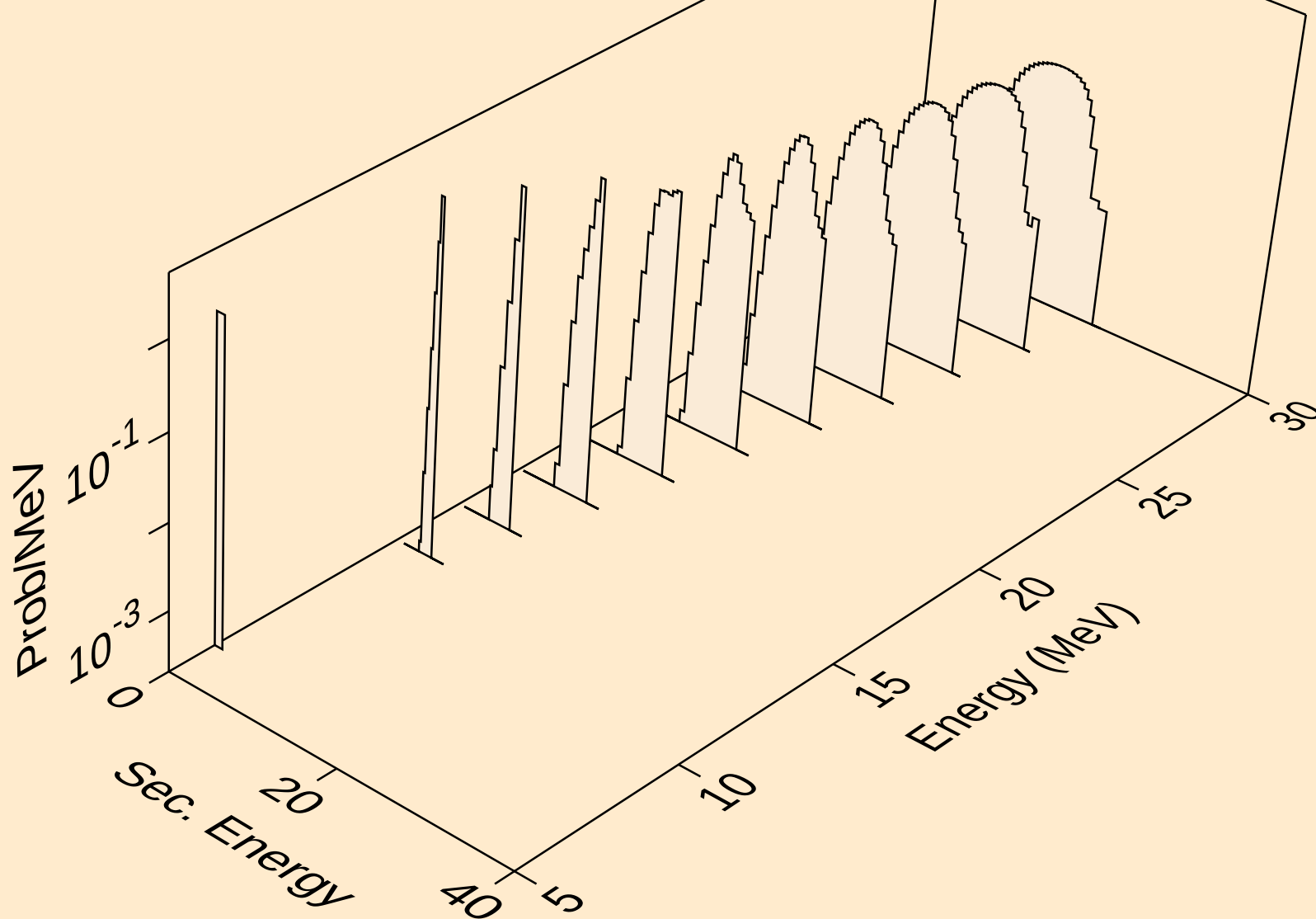
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,n*)t



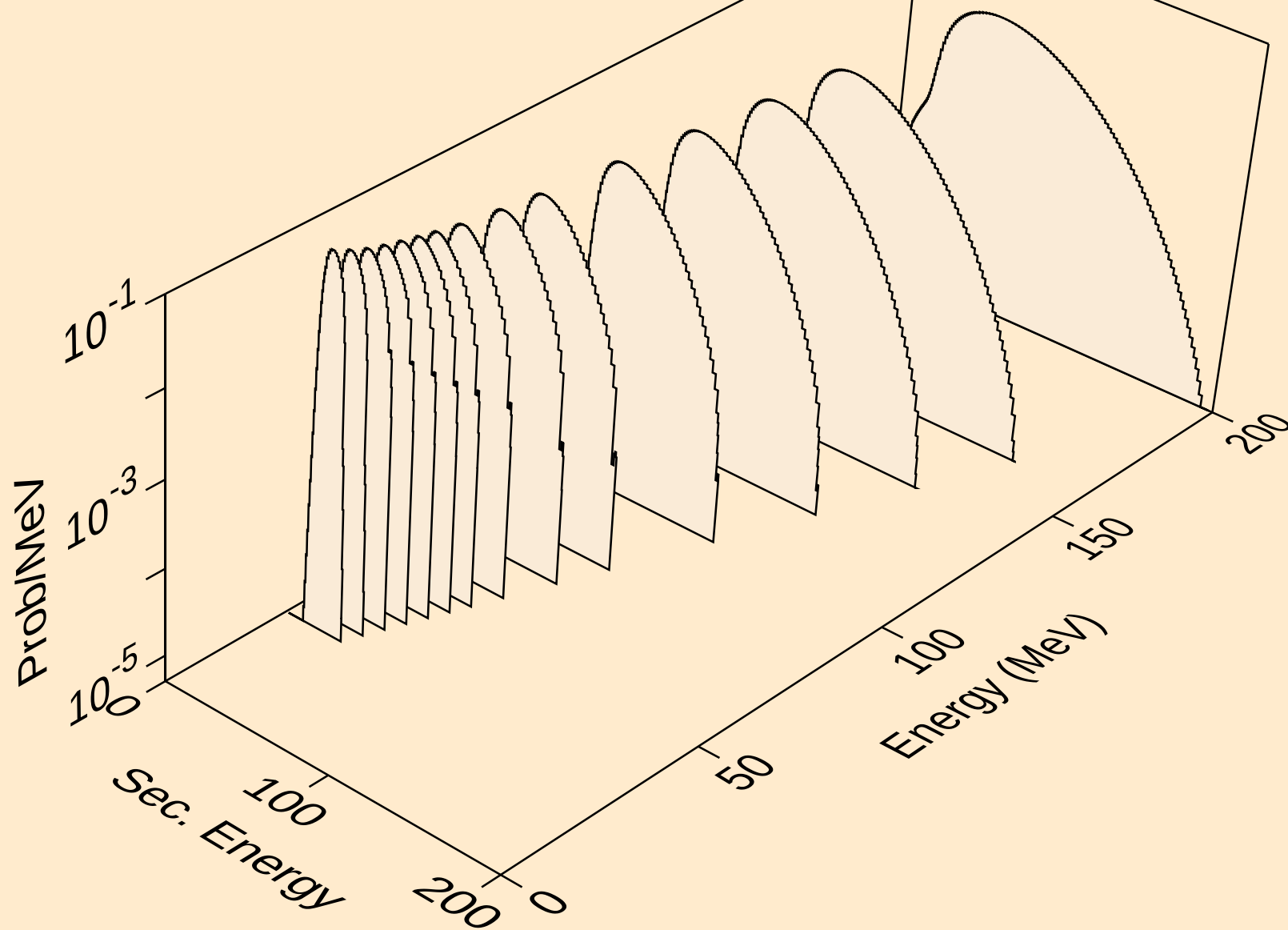
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,t)



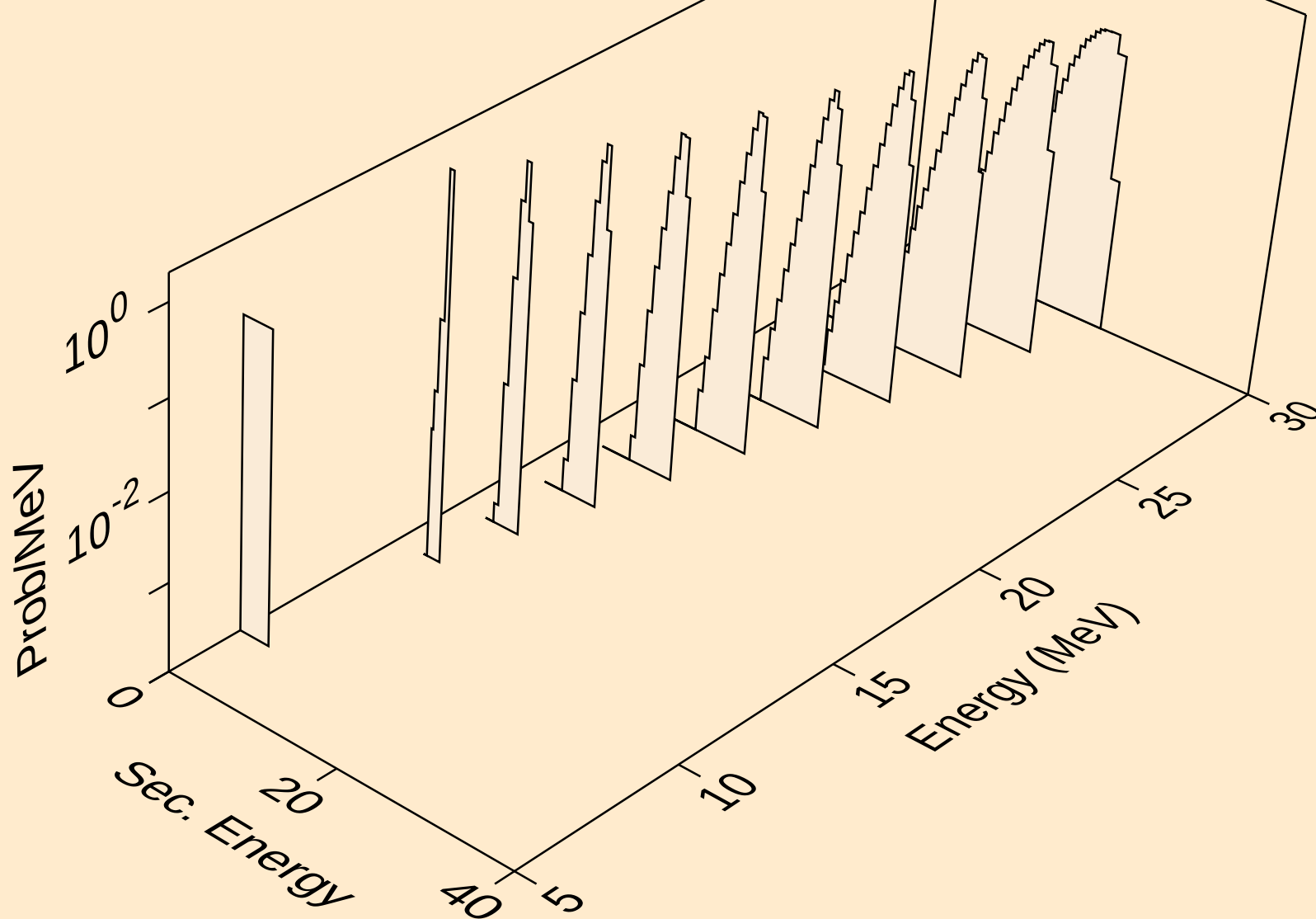
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
tritons from (n,pt)



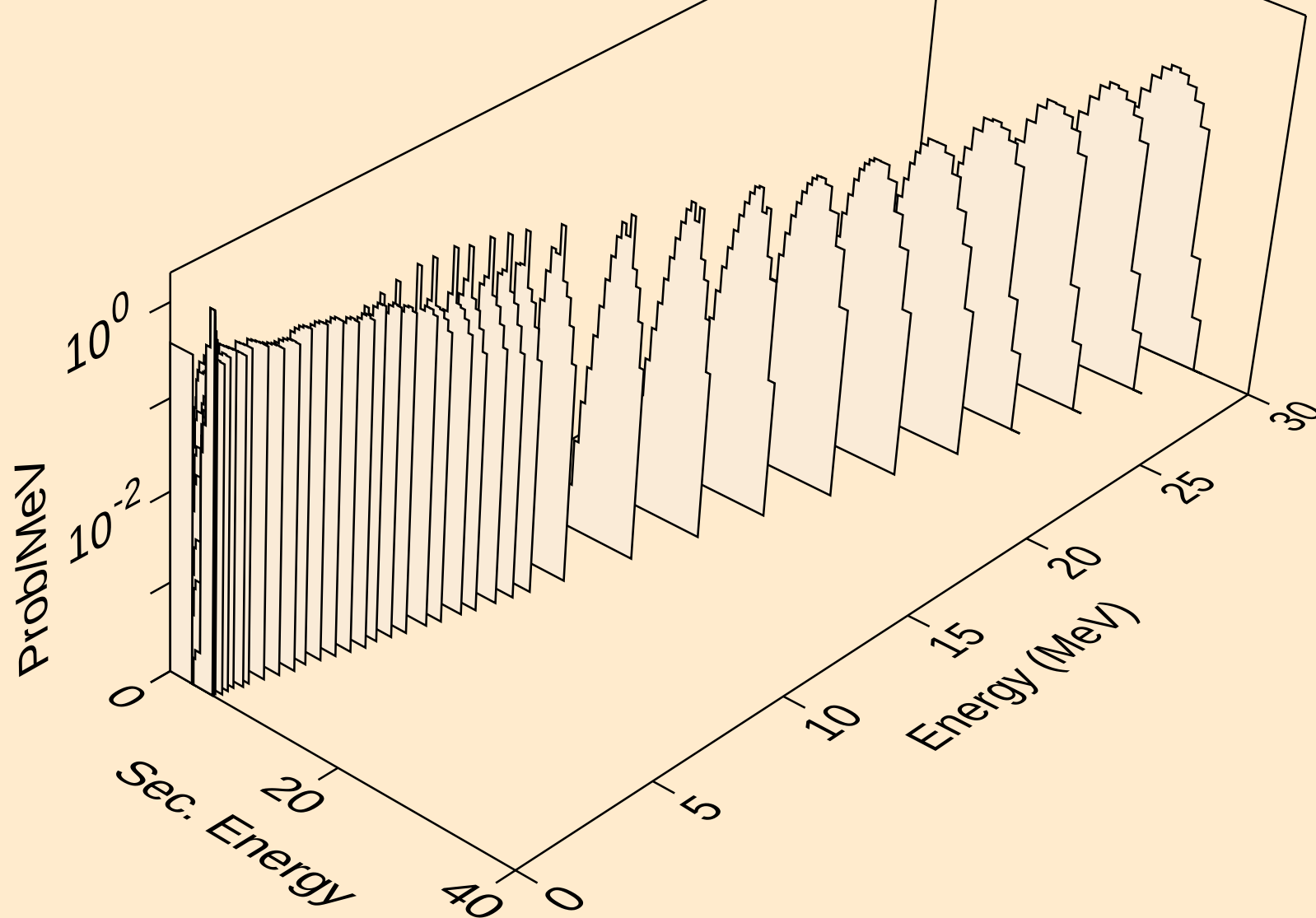
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,x)



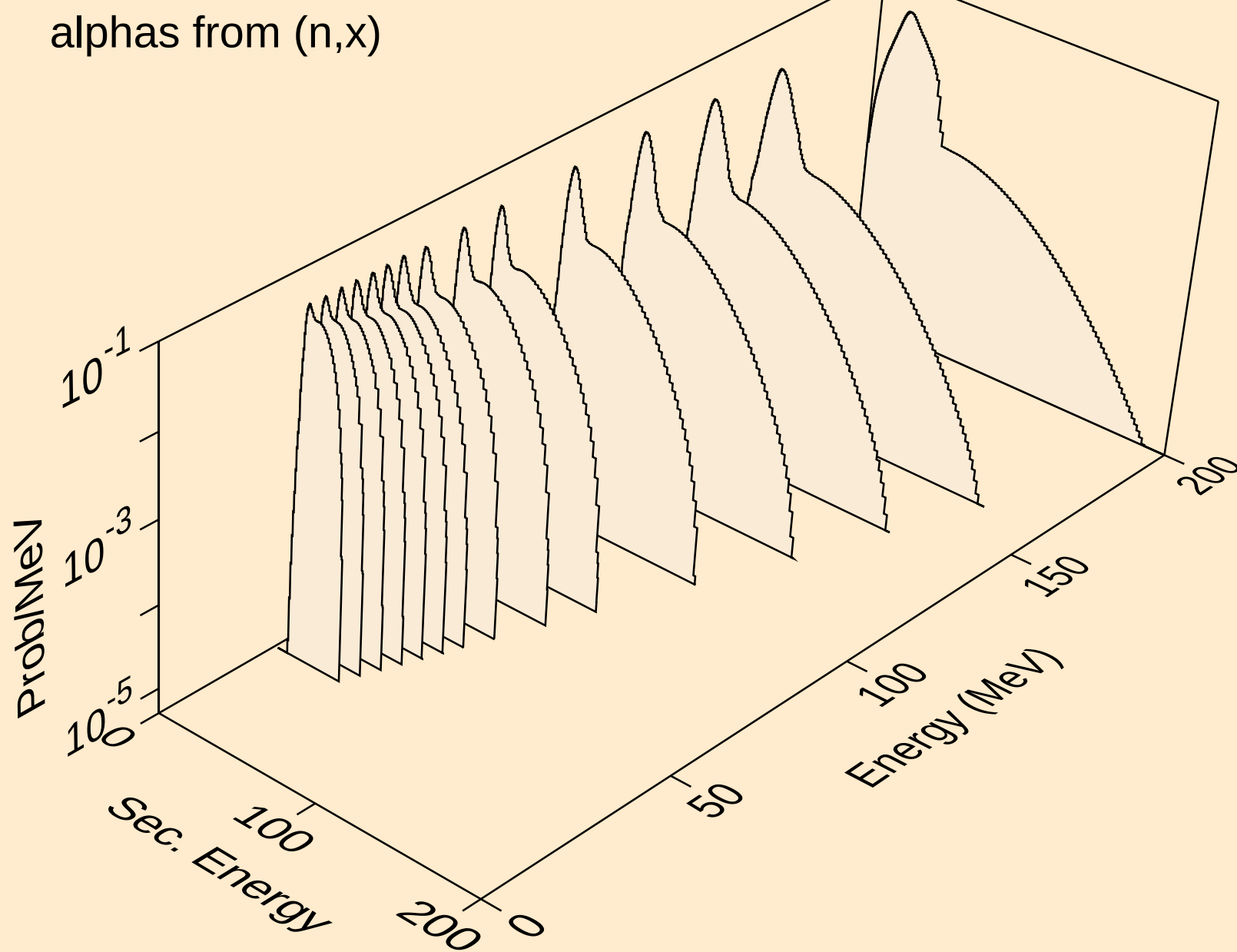
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,n*)he3



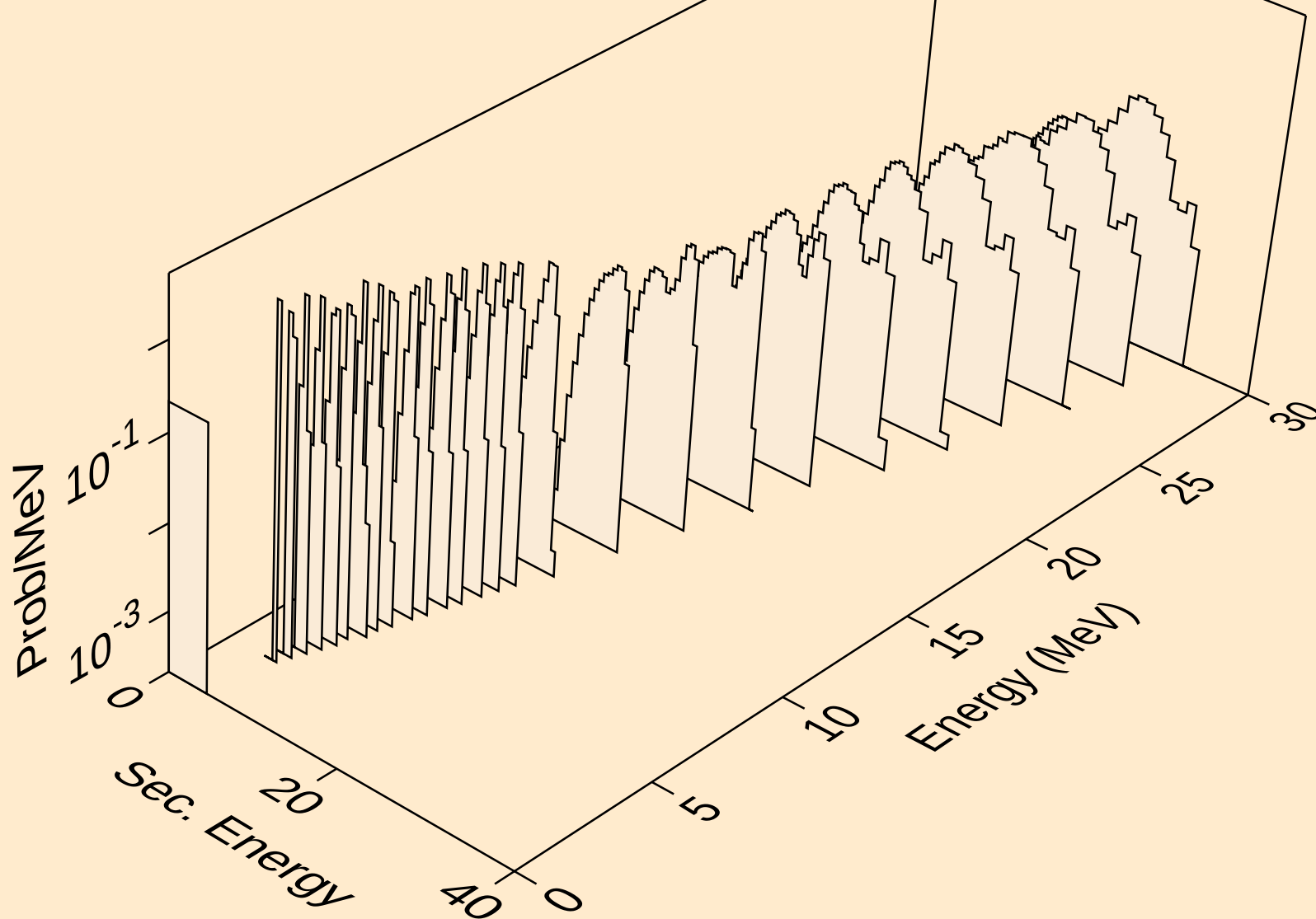
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
he3s from (n,he3)



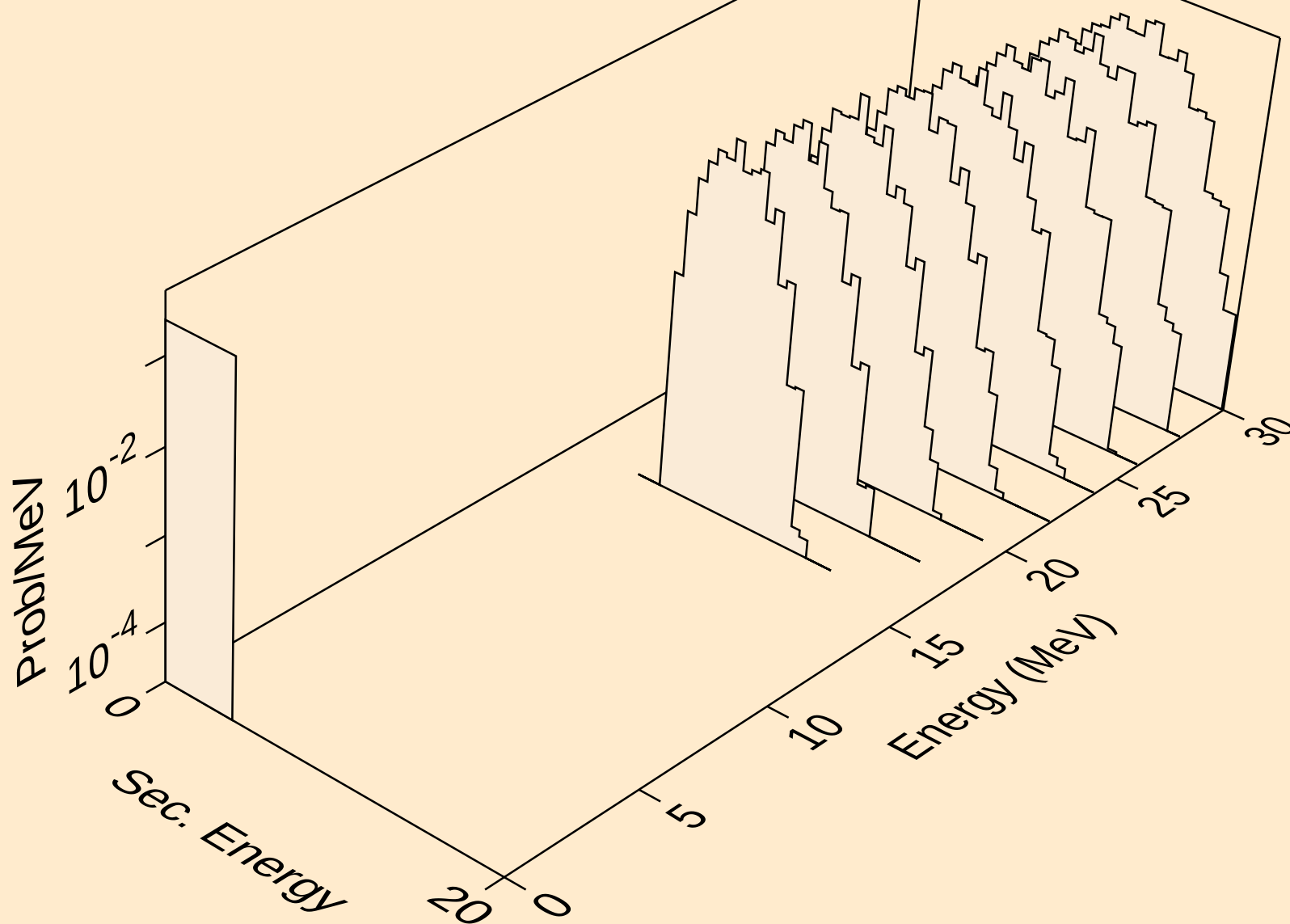
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,x)



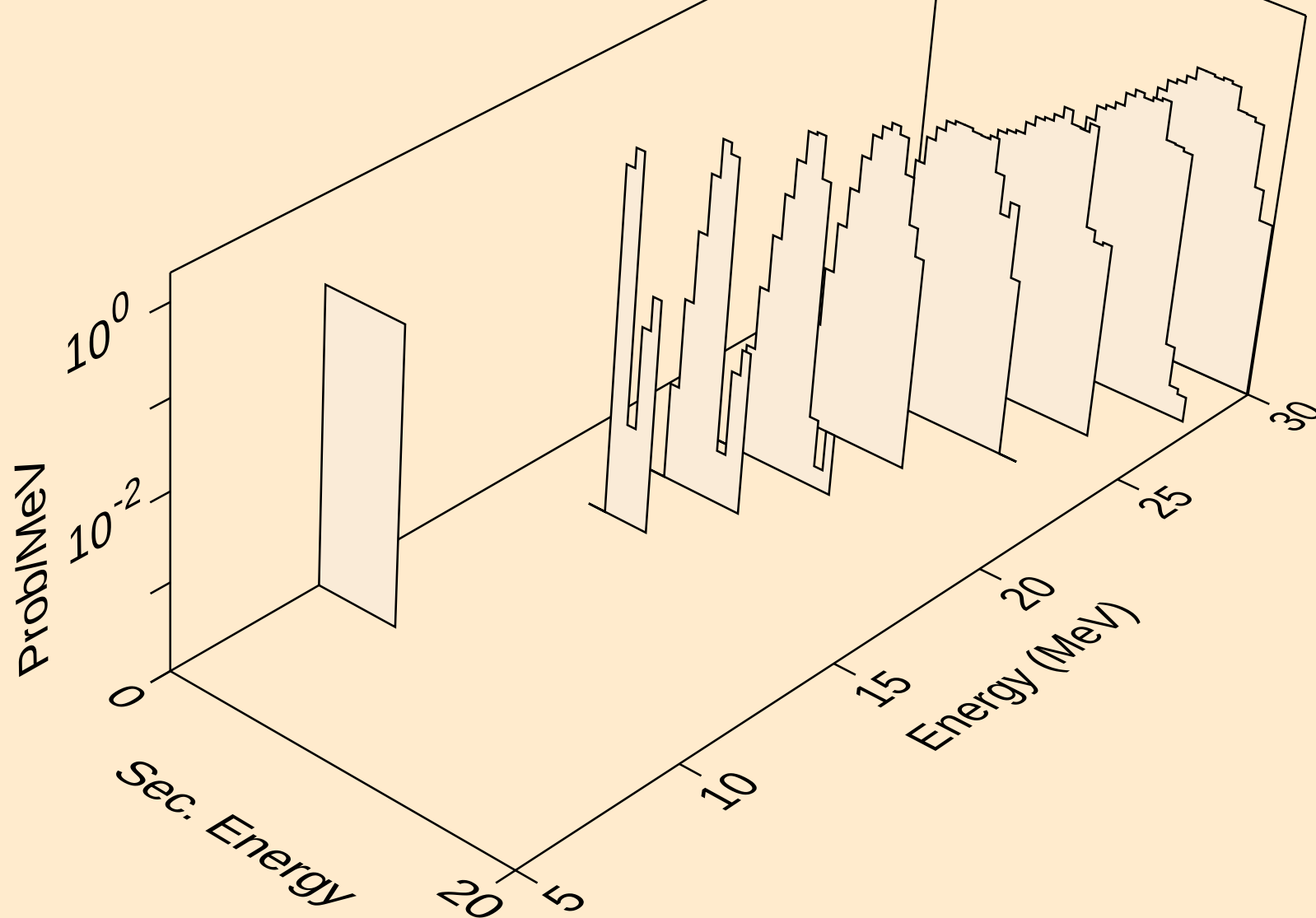
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)a



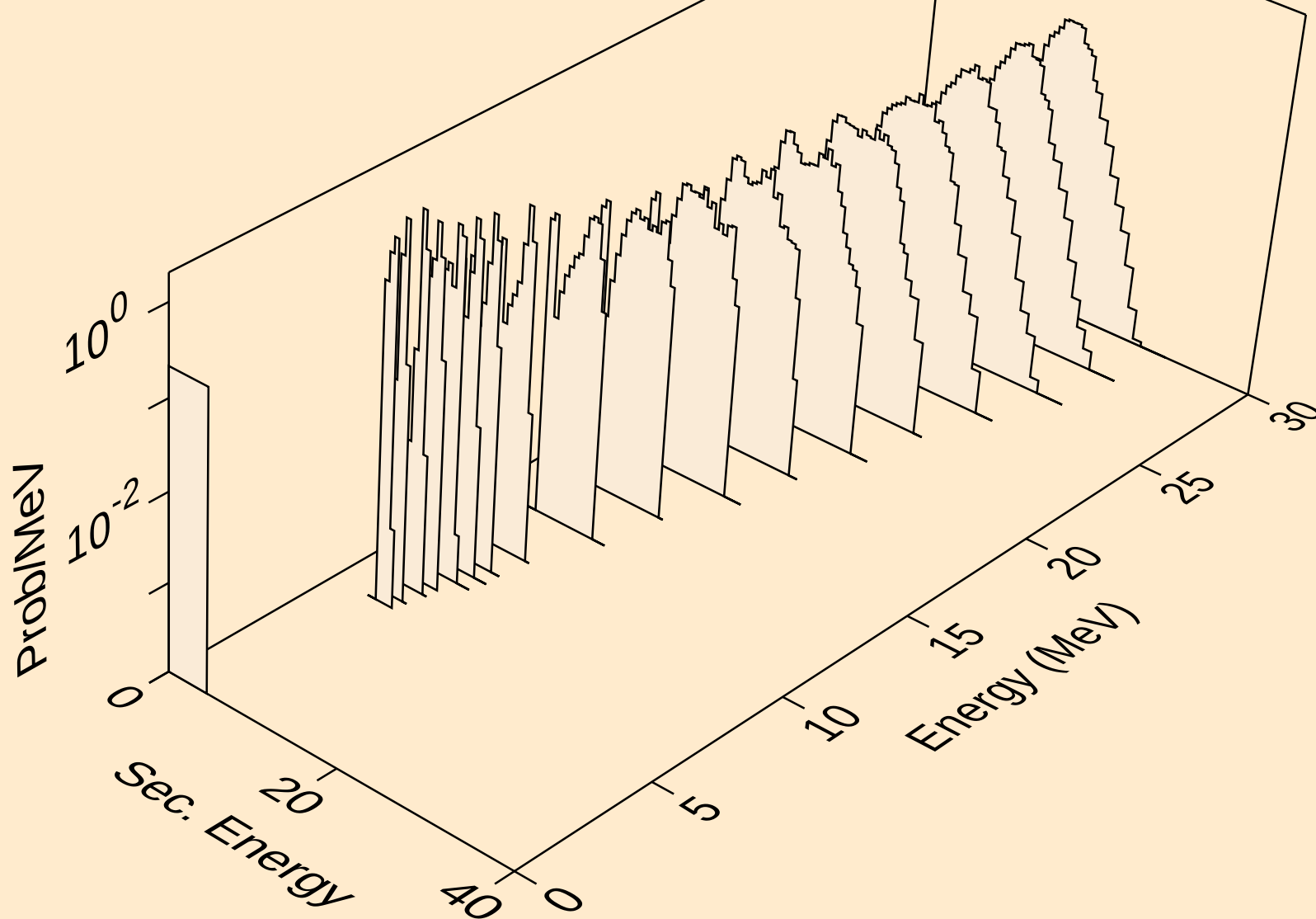
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)3a



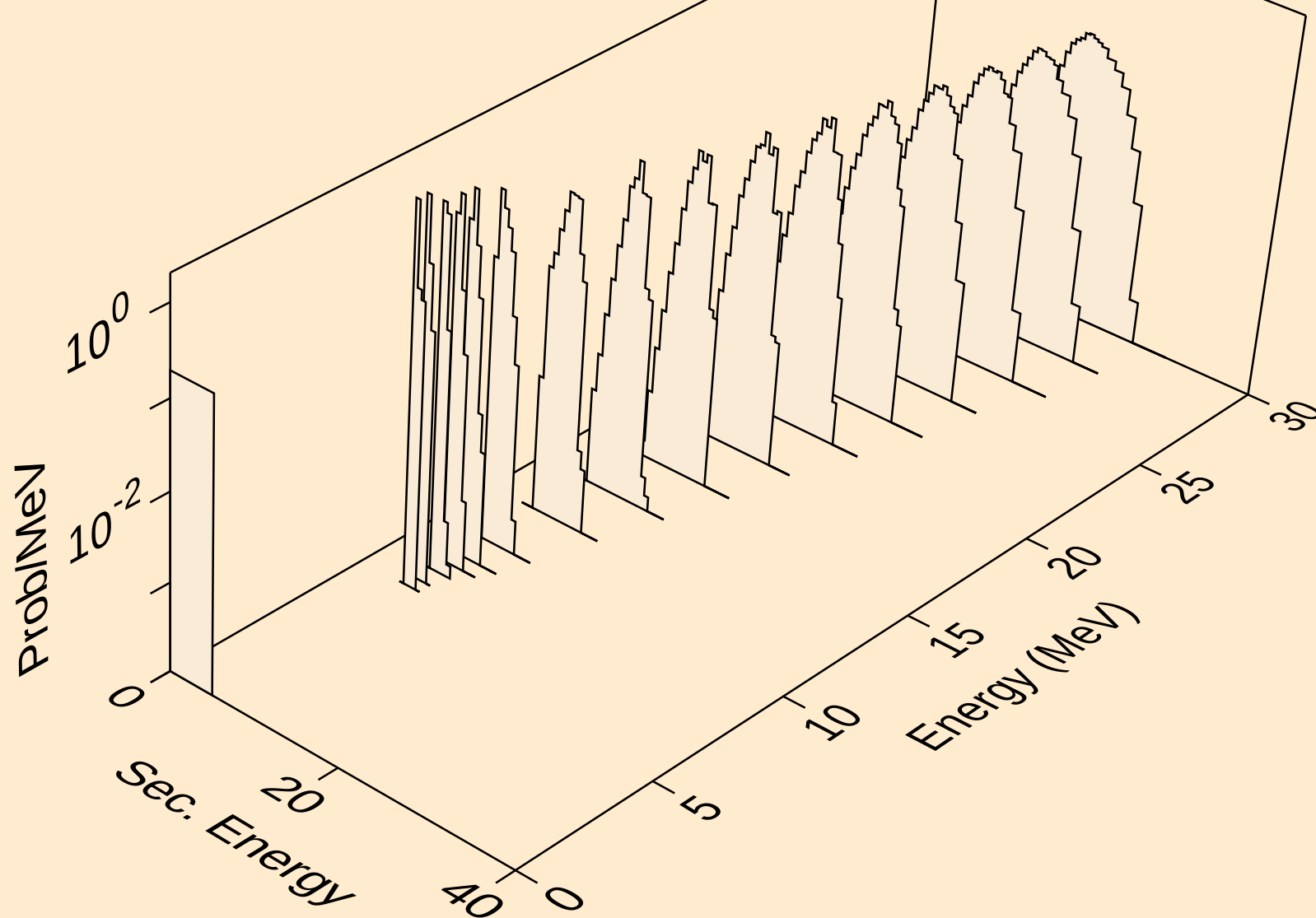
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2n)a



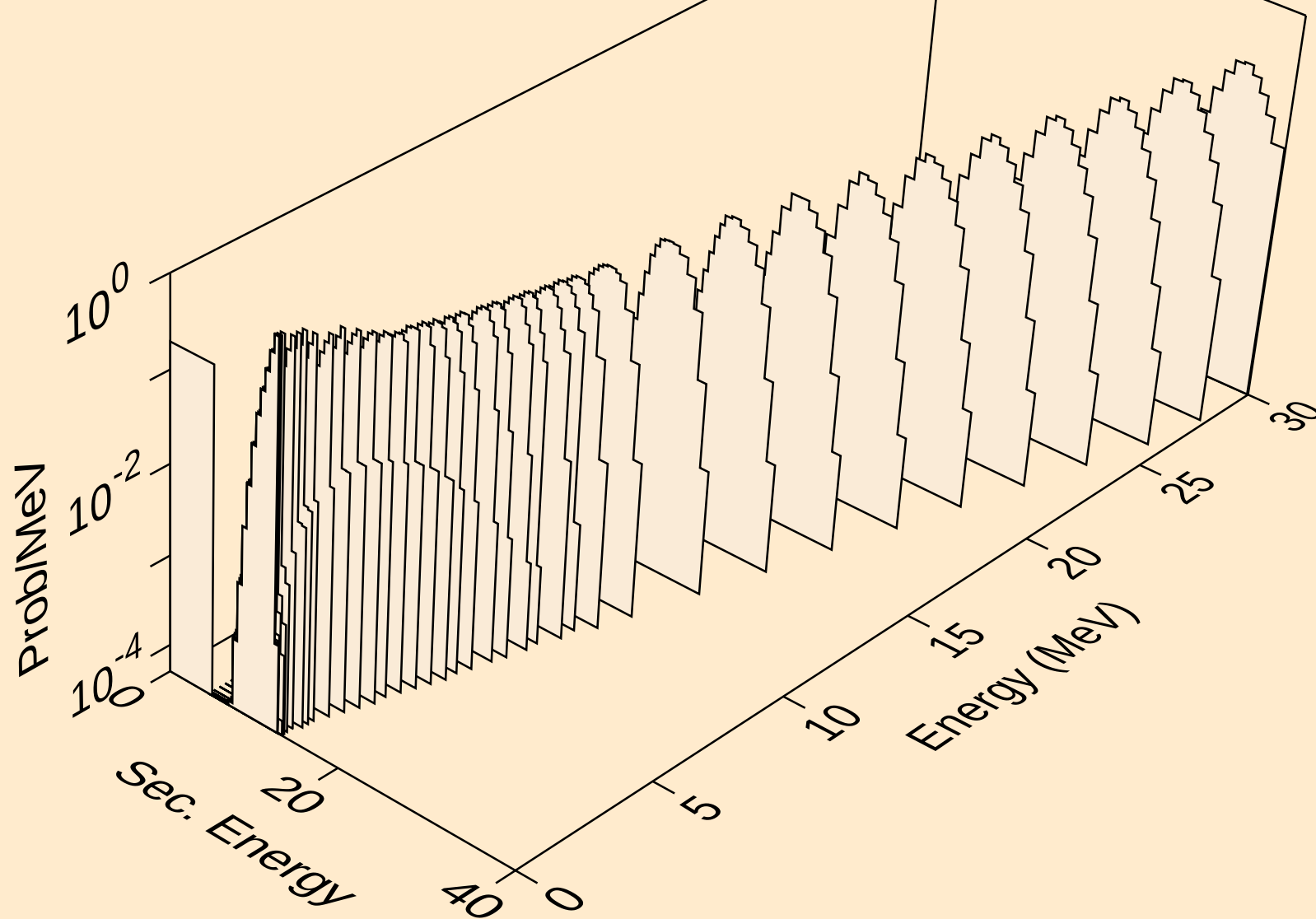
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,n*)2a



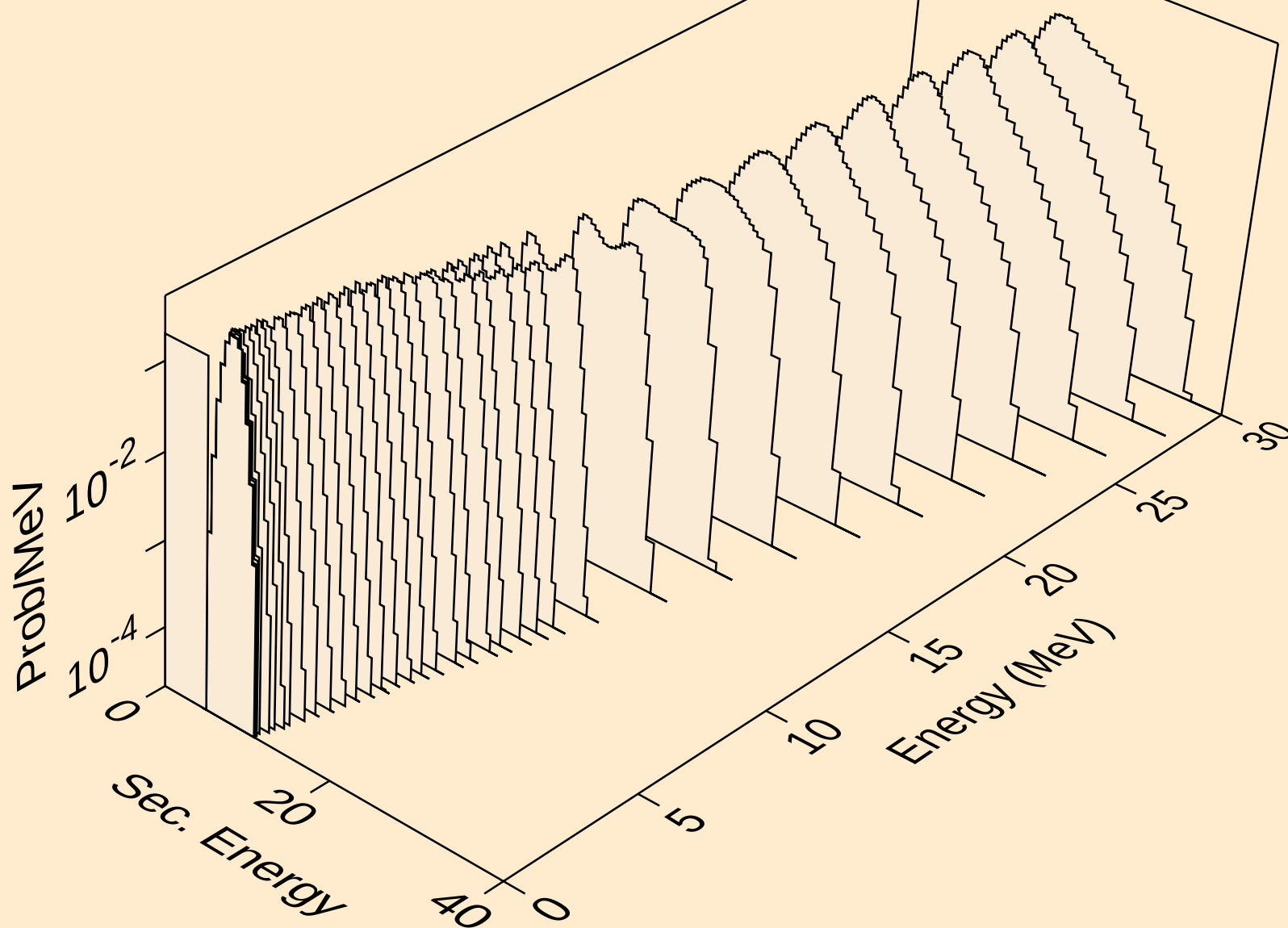
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,npa)



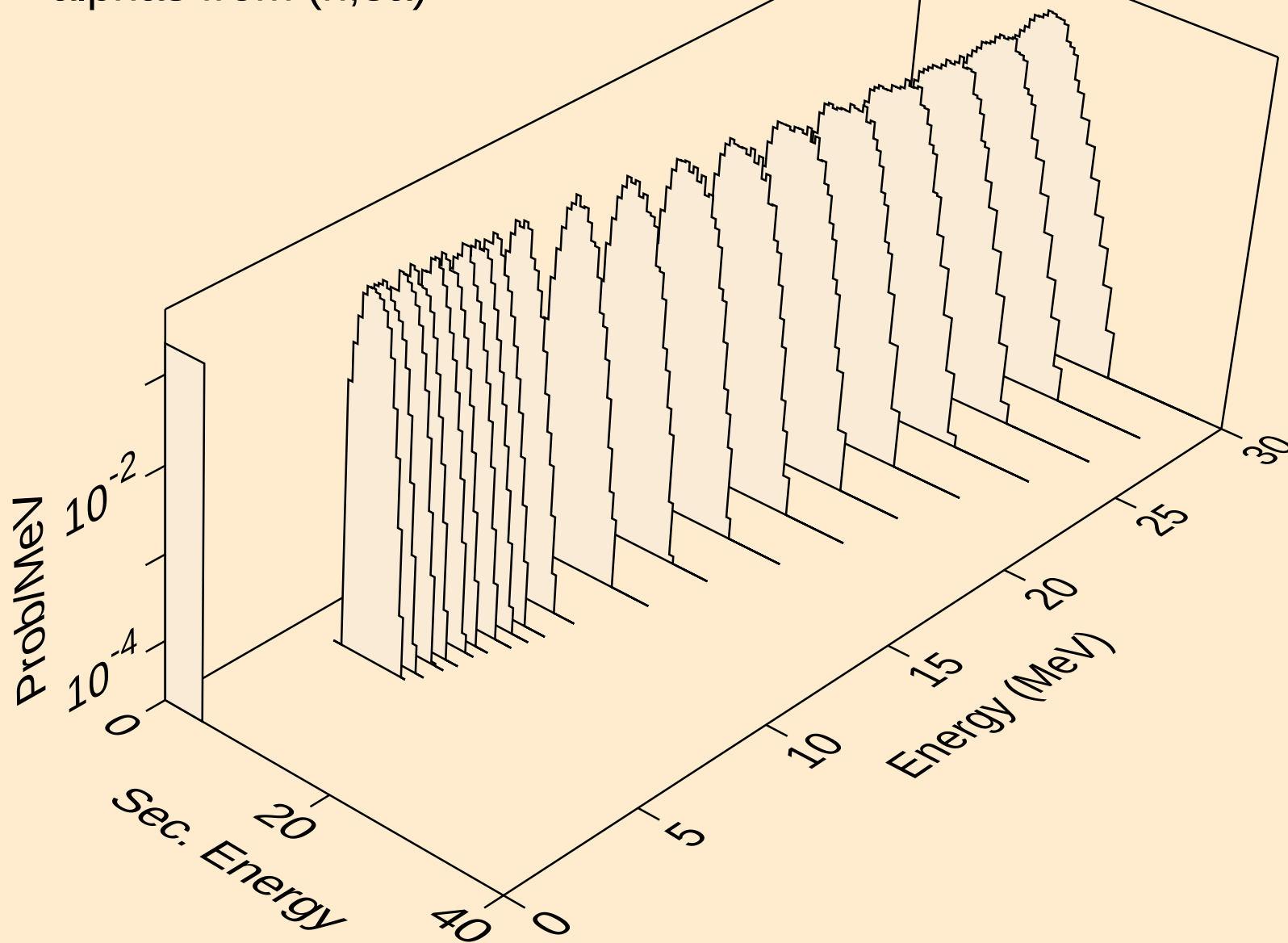
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,a)



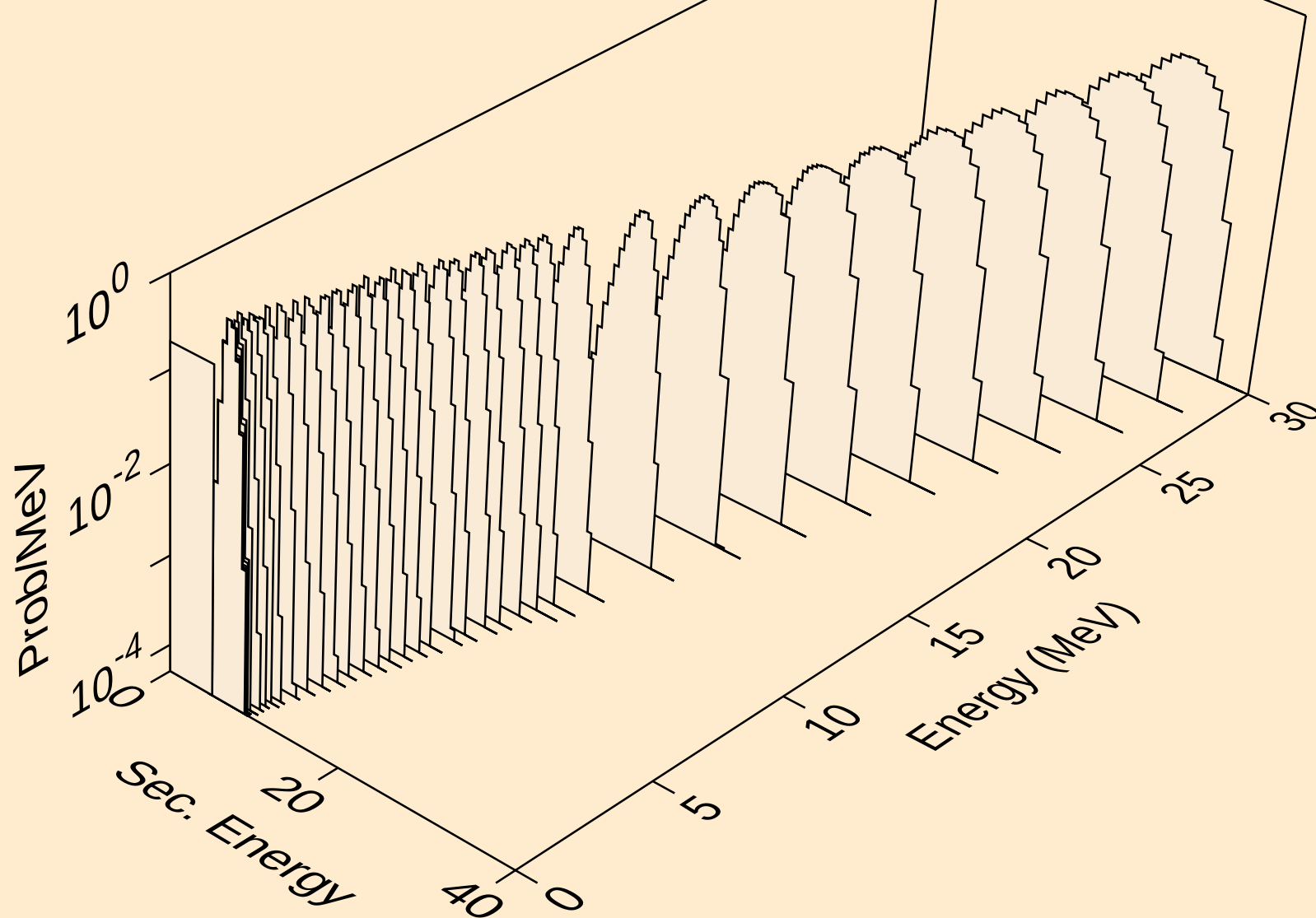
ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,2a)



ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,3a)



ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,pa)



ER146 NEUTRON ACER TENDL-2019 LIBRARY; T=293.16K
alphas from (n,da)

