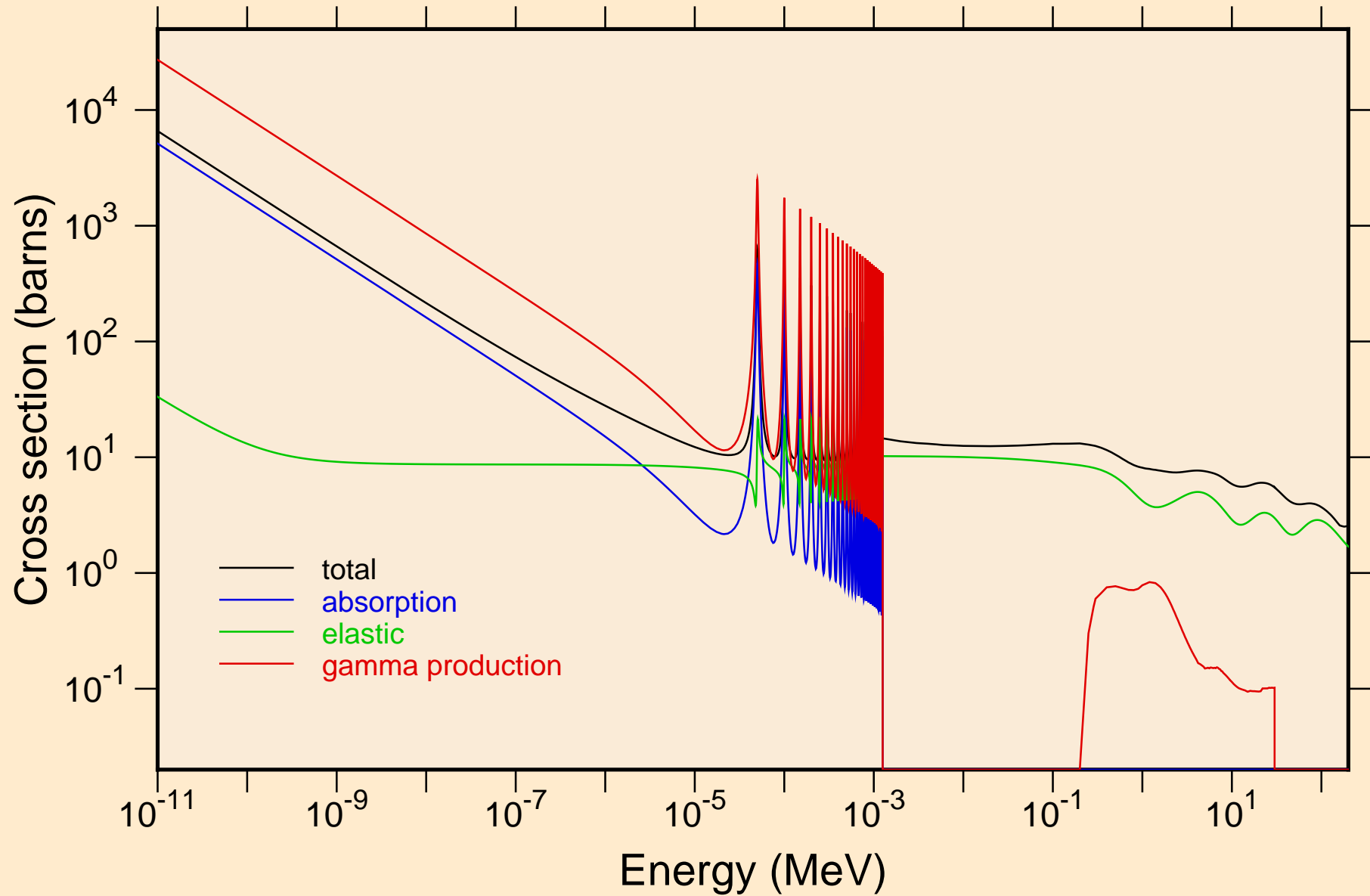
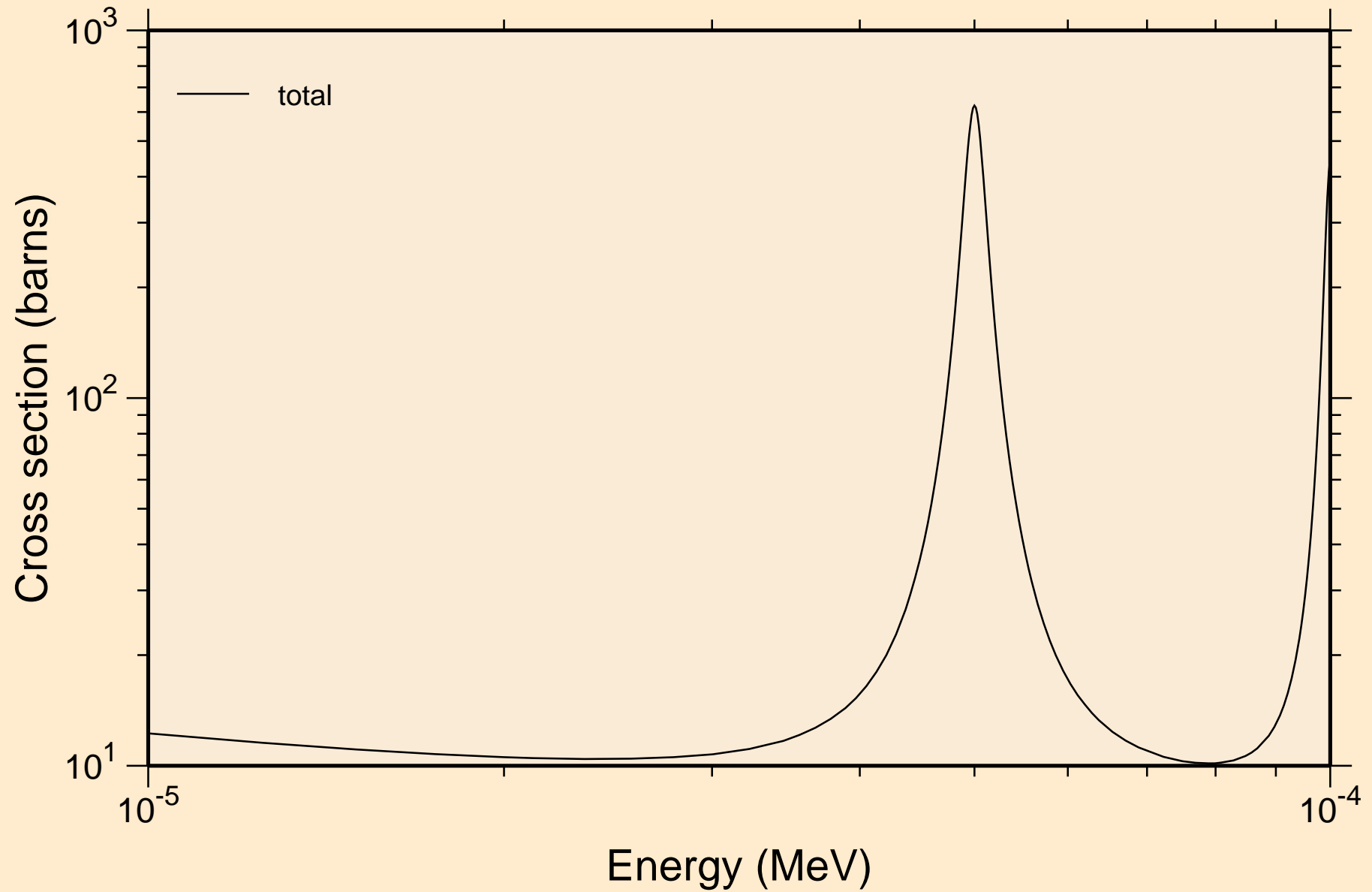


ES239 NRG TENDL-2016, AKONING

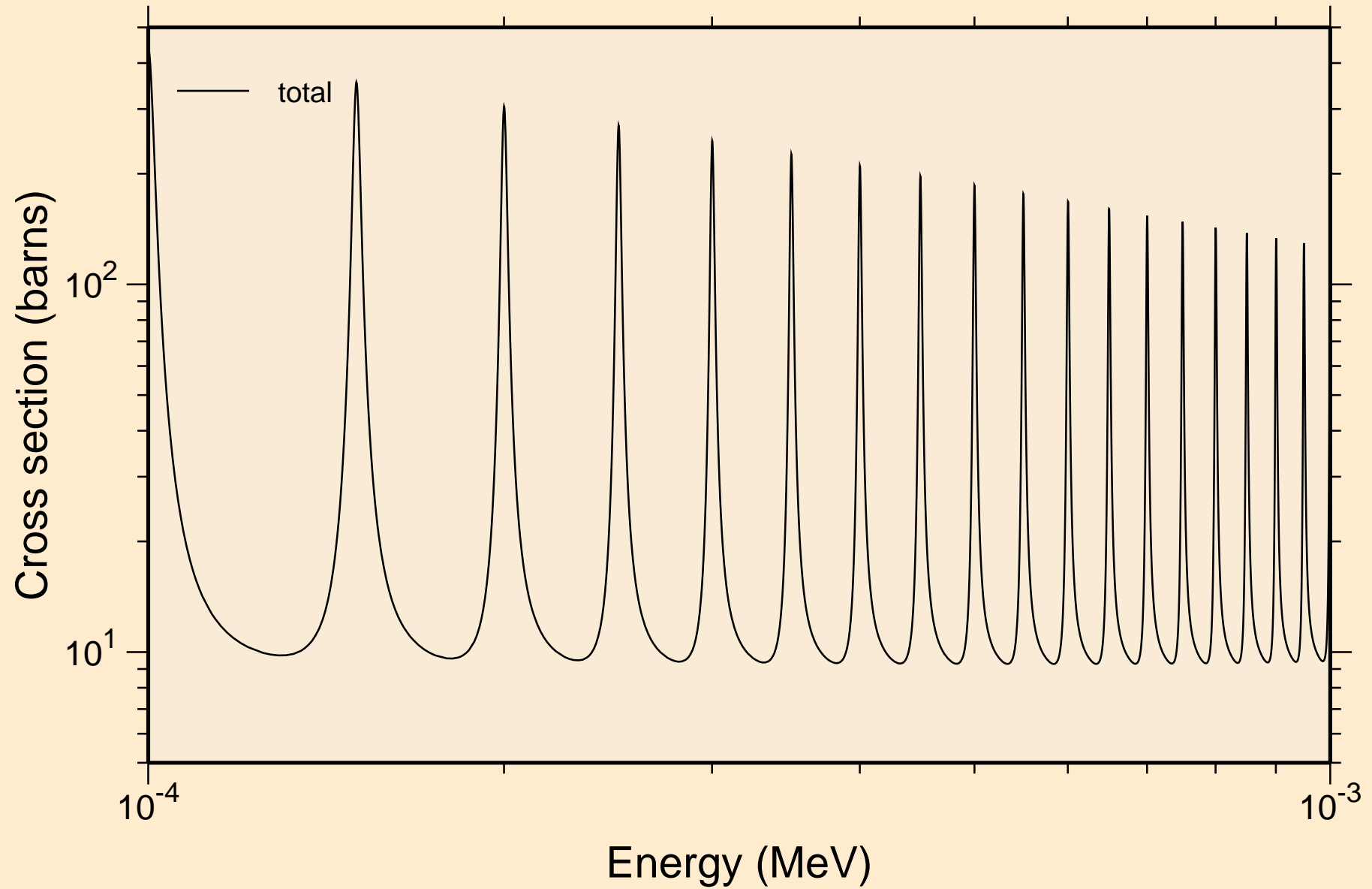
Principal cross sections



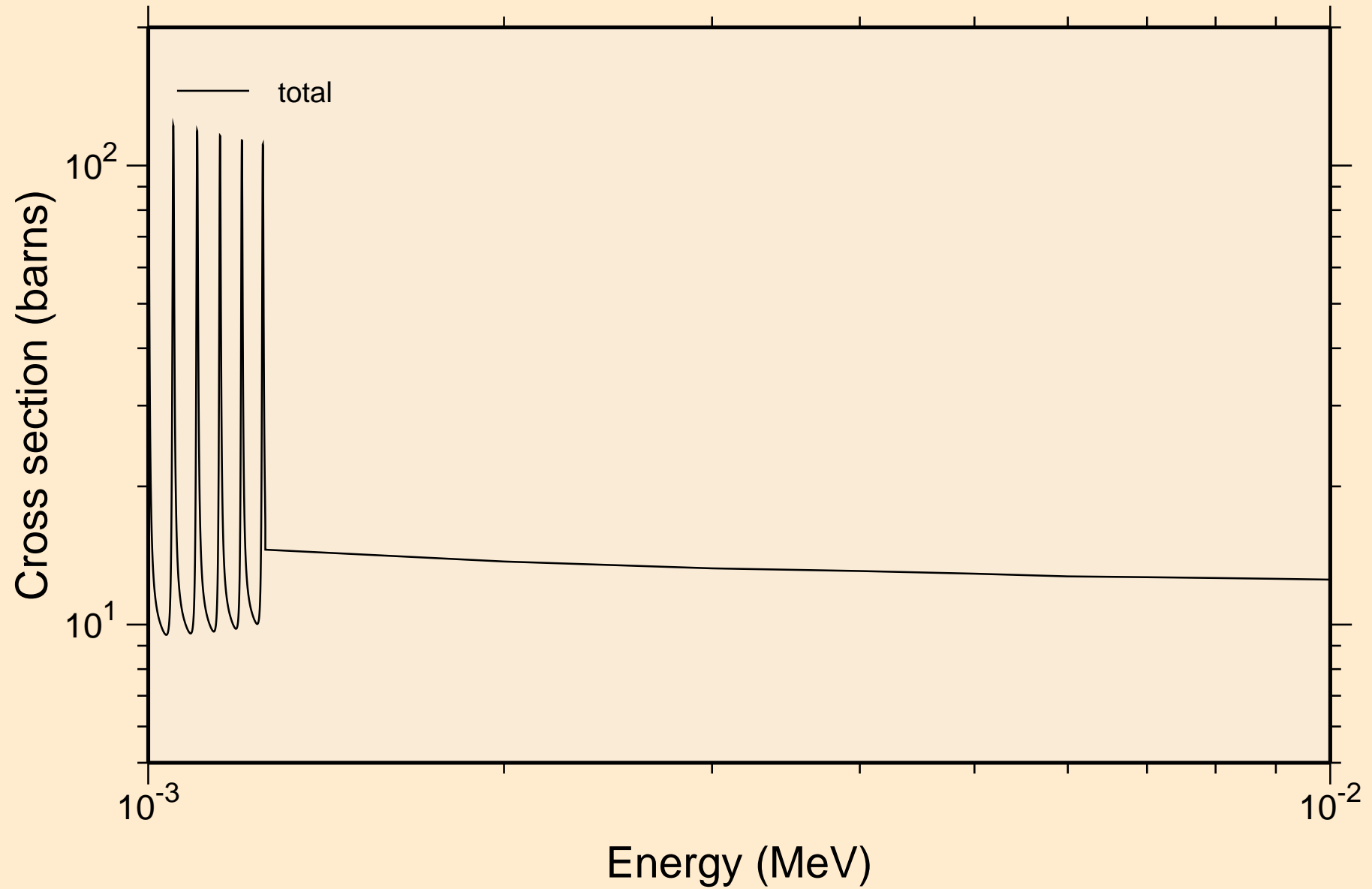
ES239 NRG TENDL-2016, AKONING
resonance total cross section



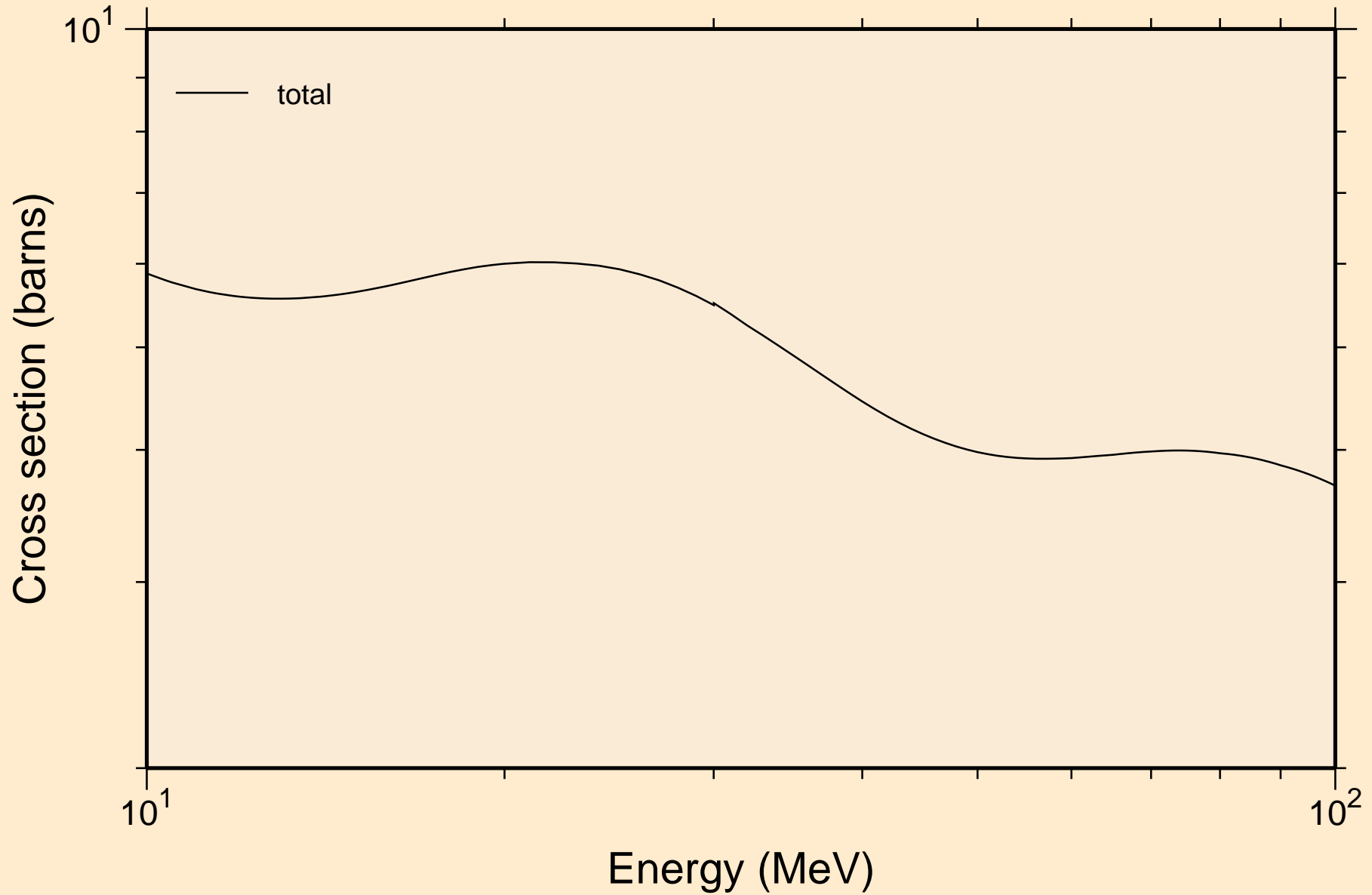
ES239 NRG TENDL-2016, AKONING
resonance total cross section



ES239 NRG TENDL-2016, AKONING
resonance total cross section

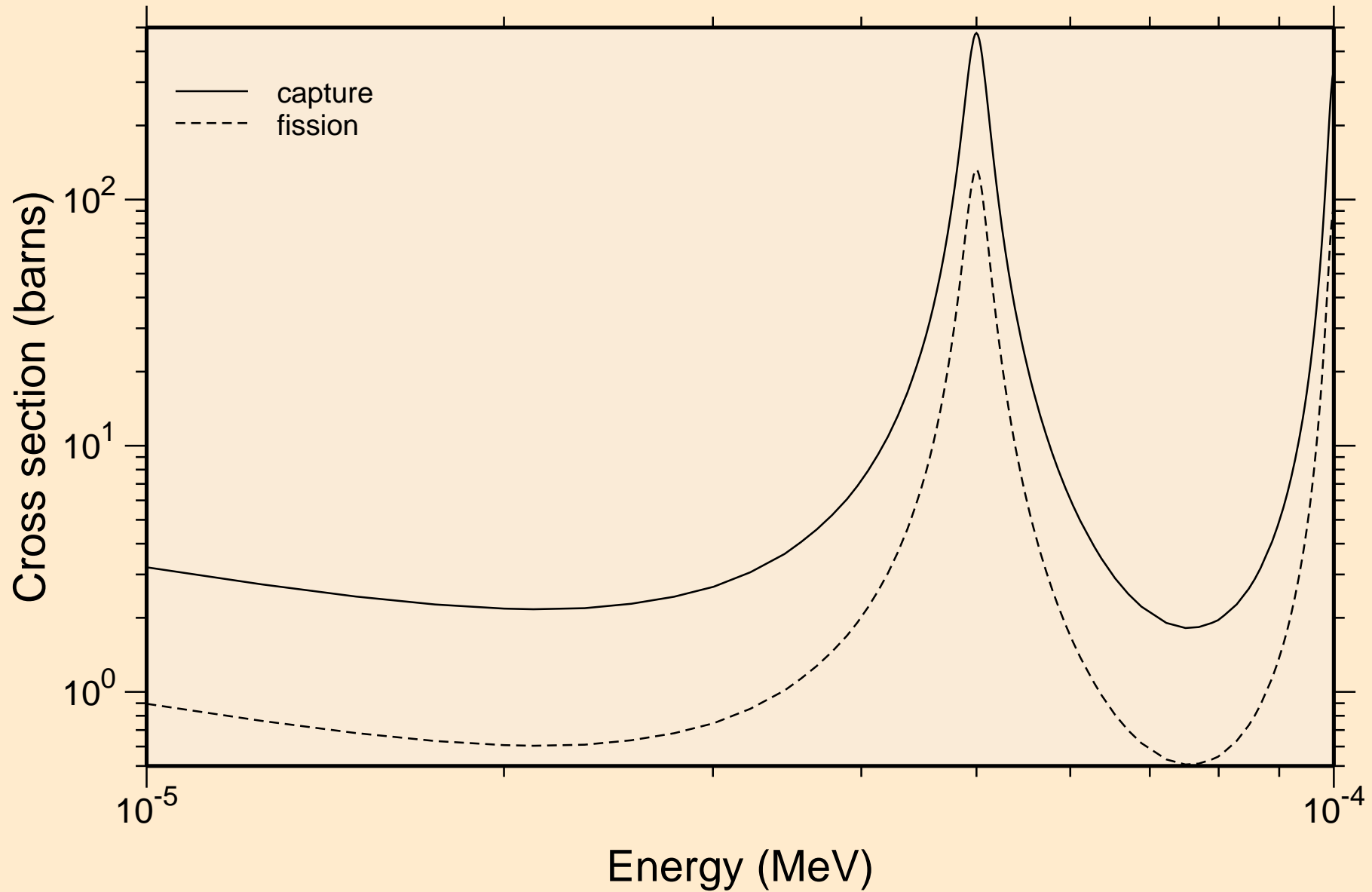


ES239 NRG TENDL-2016, AKONING
resonance total cross section



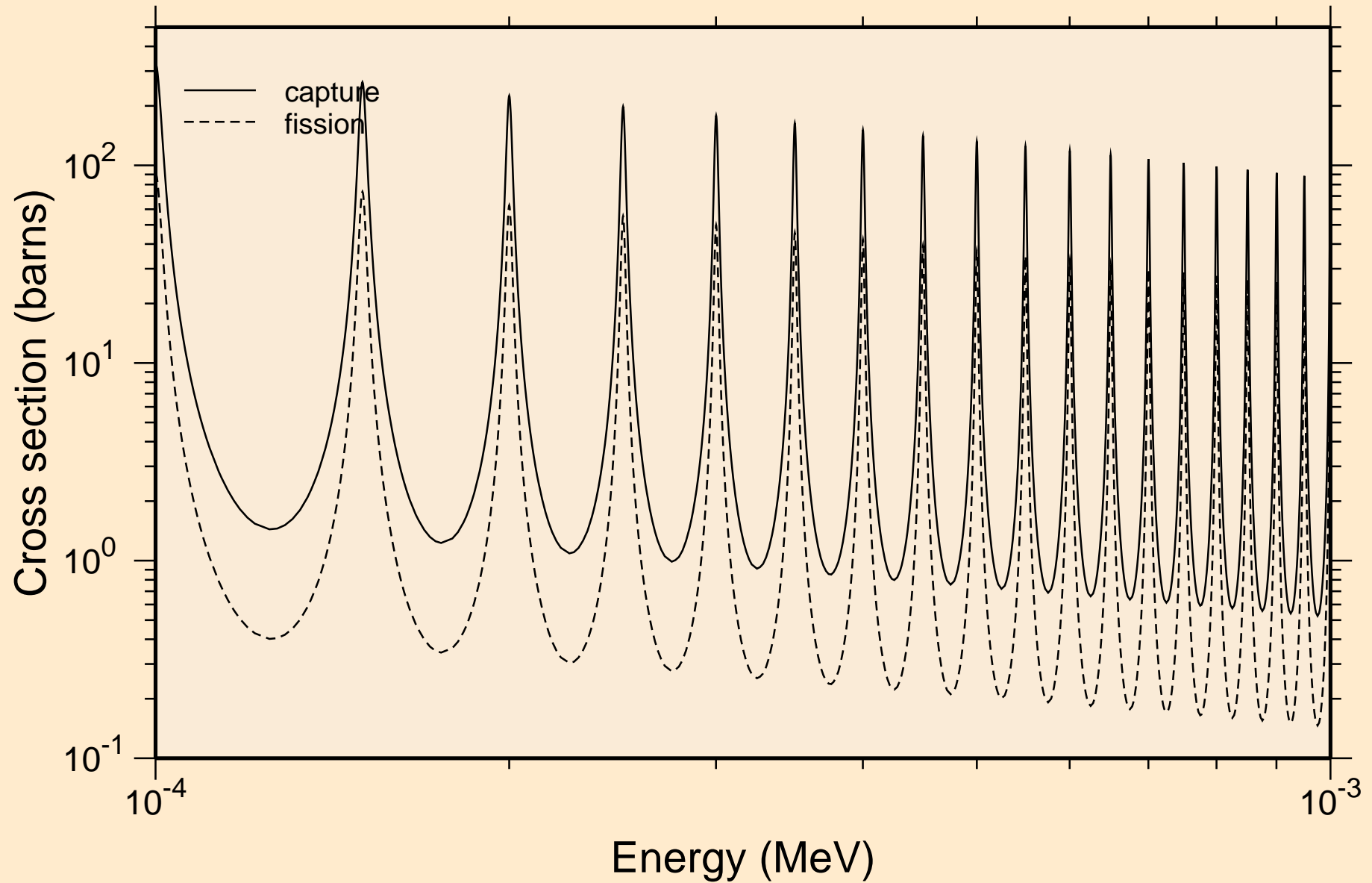
ES239 NRG TENDL-2016, AKONING

resonance absorption cross sections

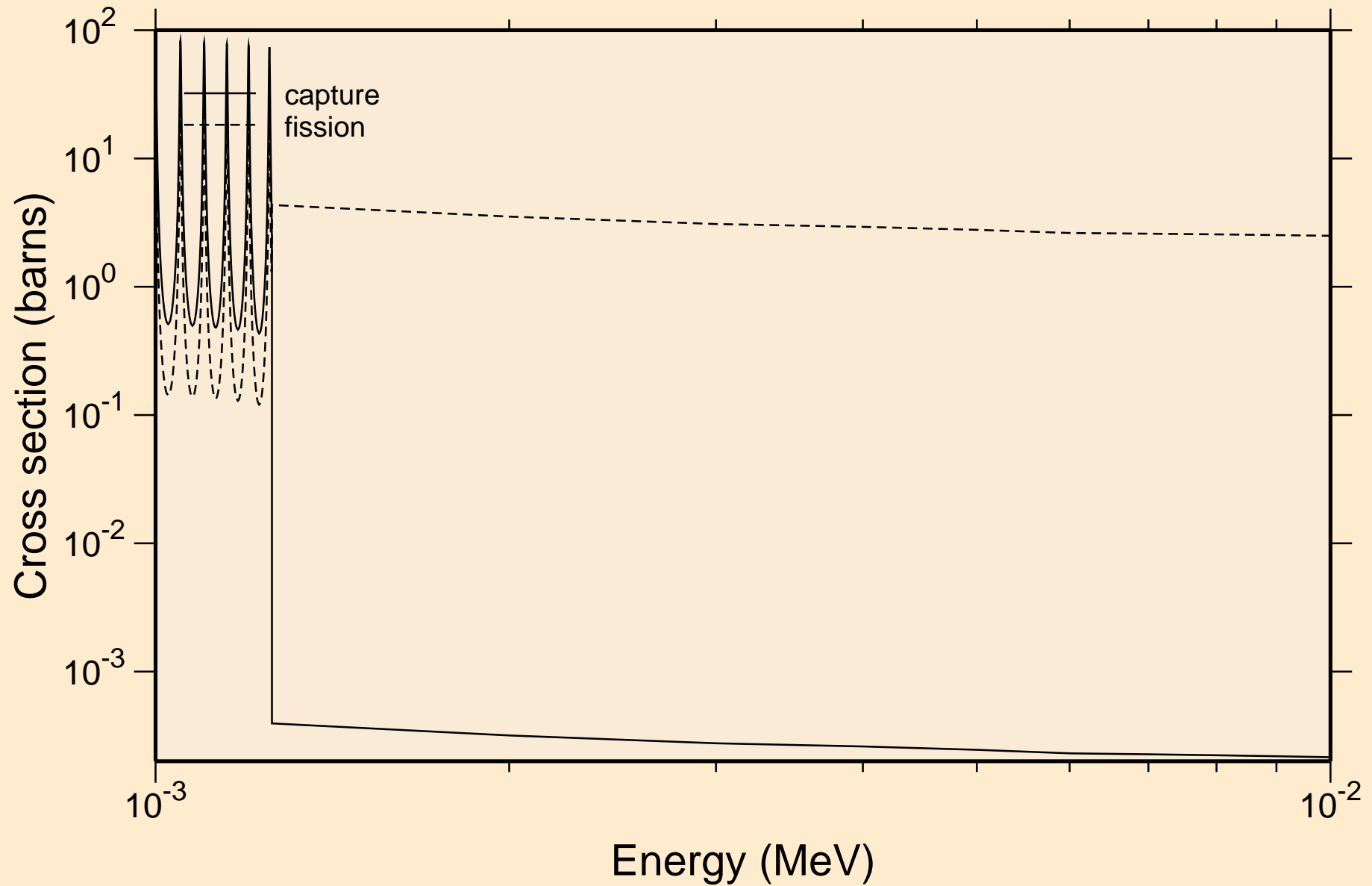


ES239 NRG TENDL-2016, AKONING

resonance absorption cross sections

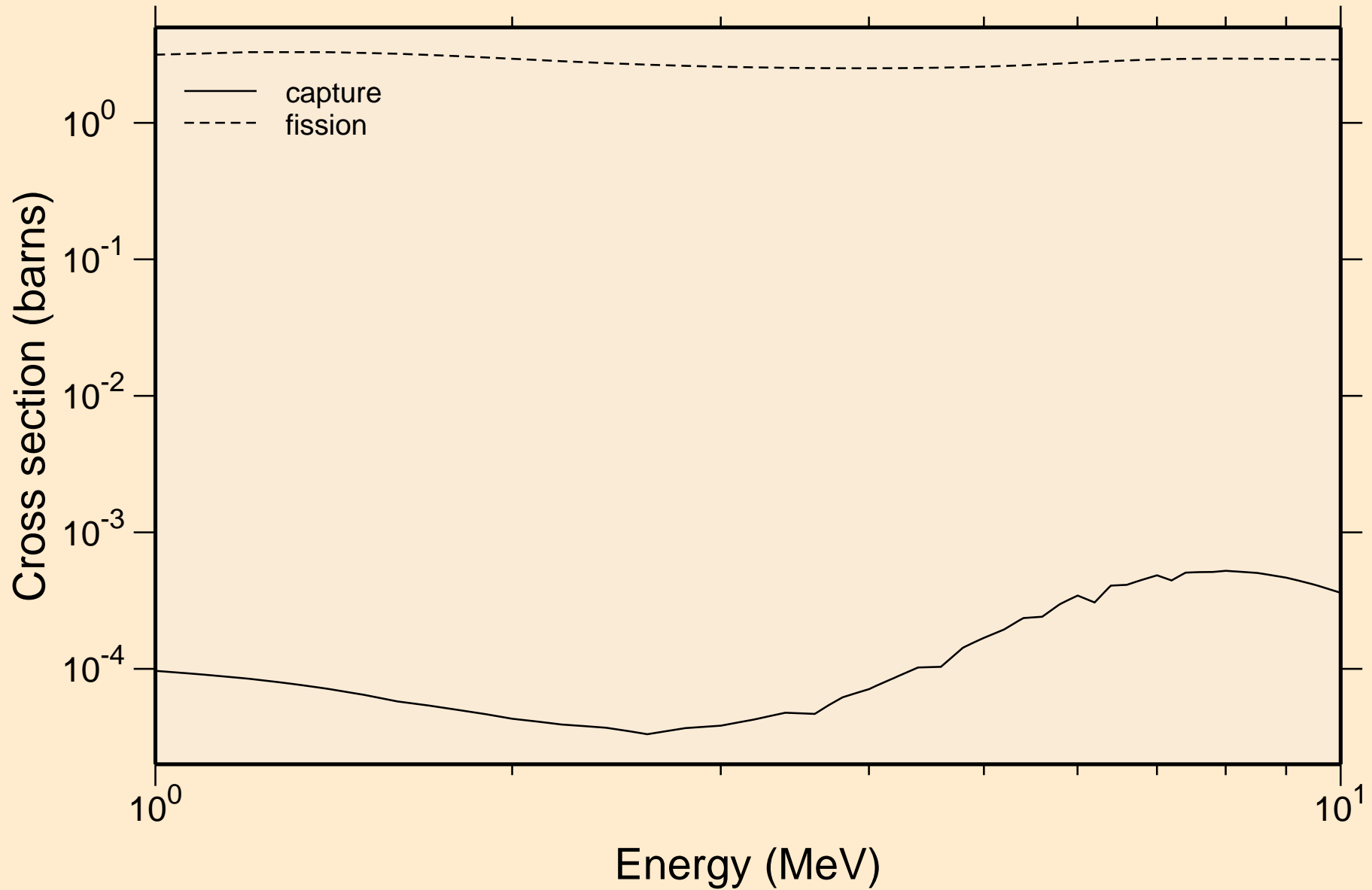


ES239 NRG TENDL-2016, AKONING resonance absorption cross sections



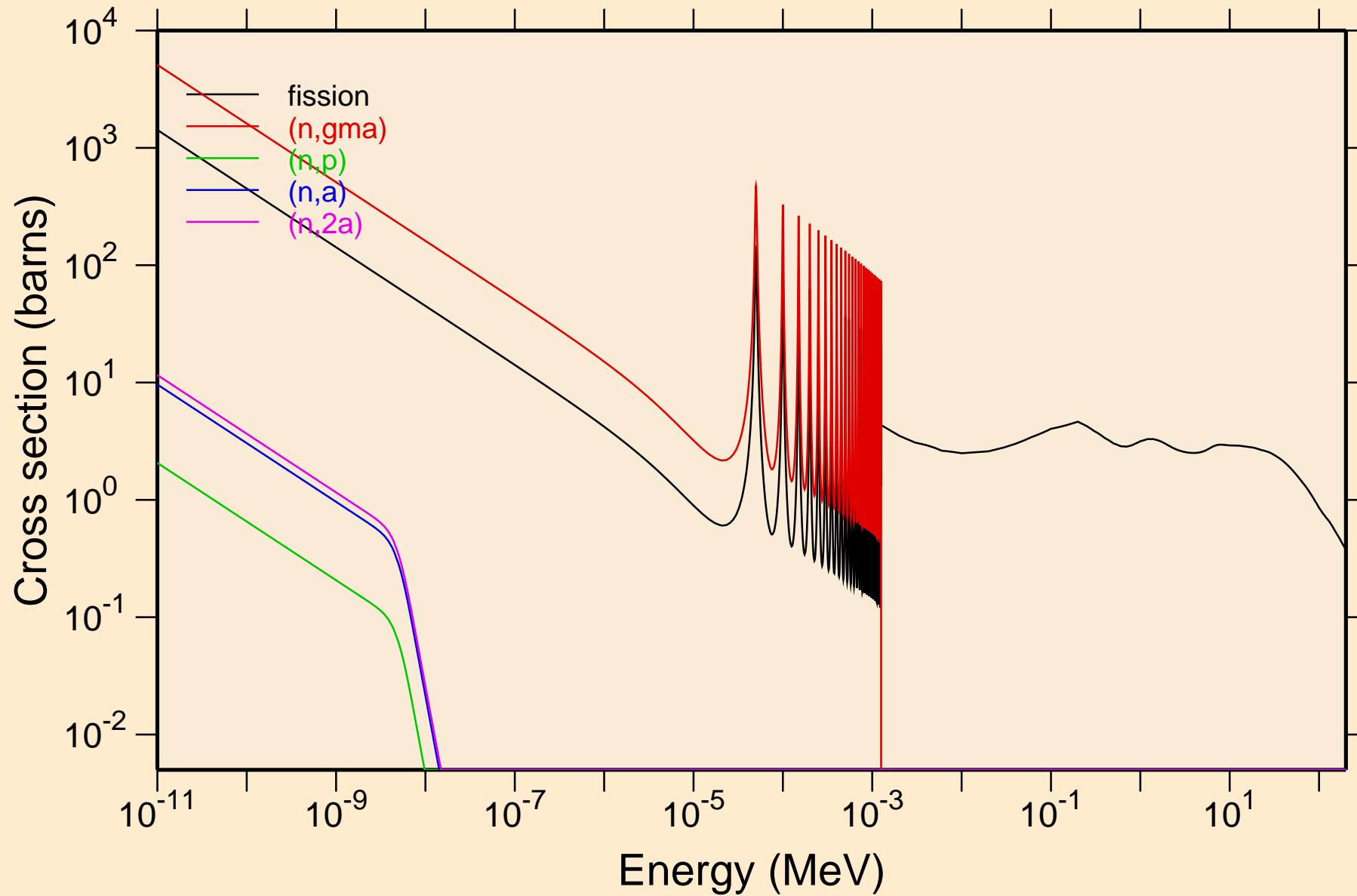
ES239 NRG TENDL-2016, AKONING

resonance absorption cross sections



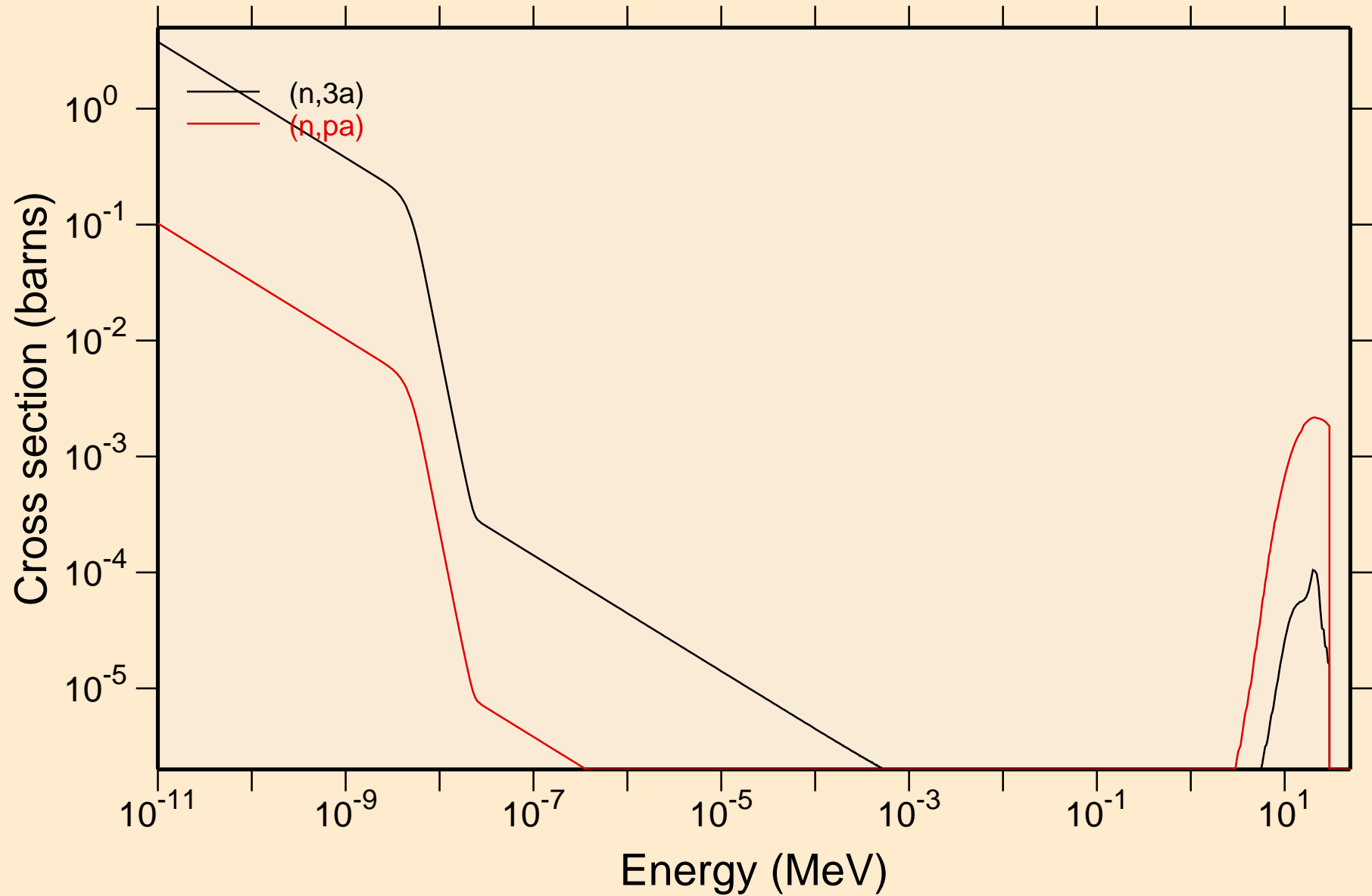
ES239 NRG TENDL-2016, AKONING

Non-threshold reactions



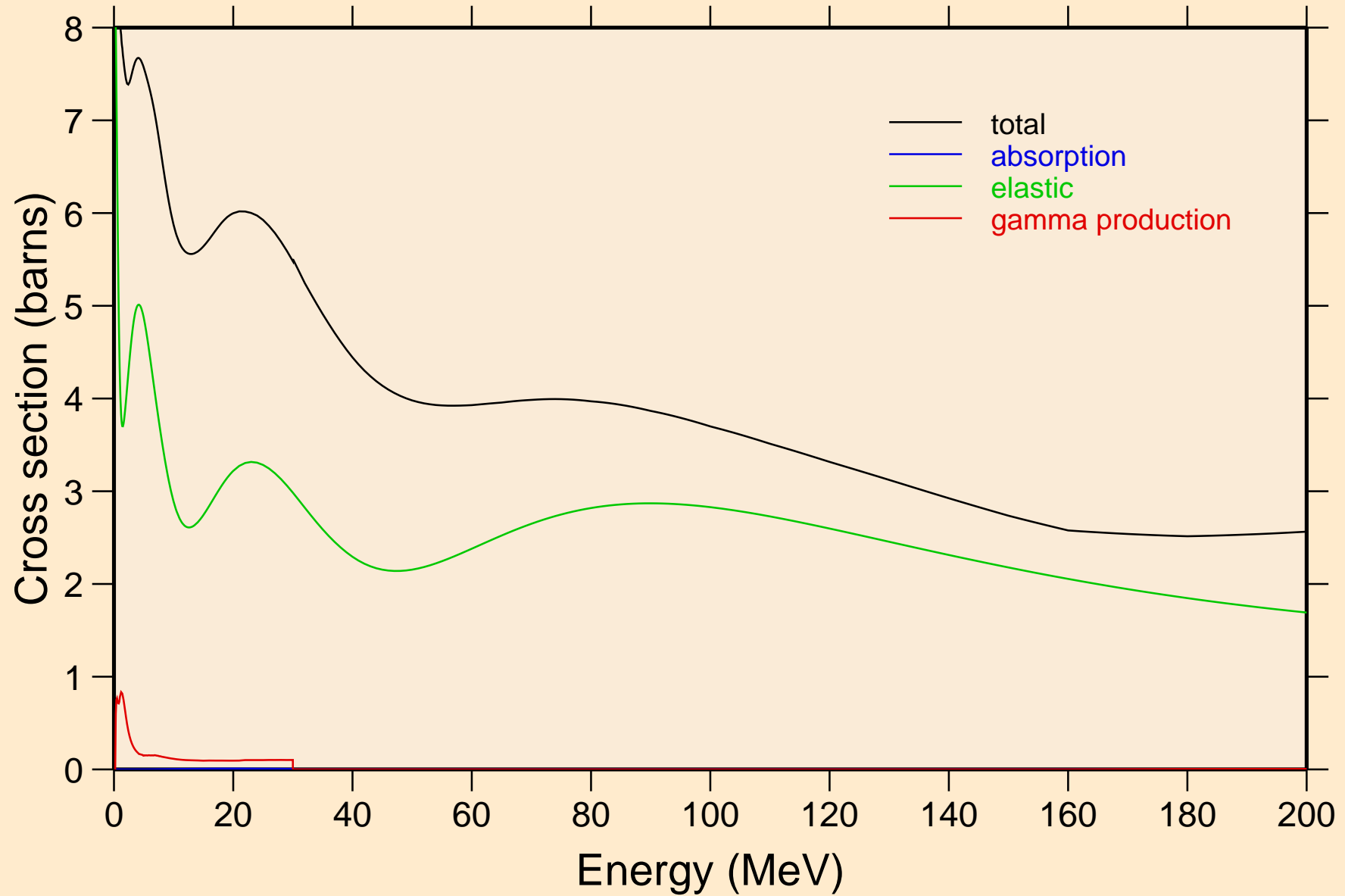
ES239 NRG TENDL-2016, AKONING

Non-threshold reactions



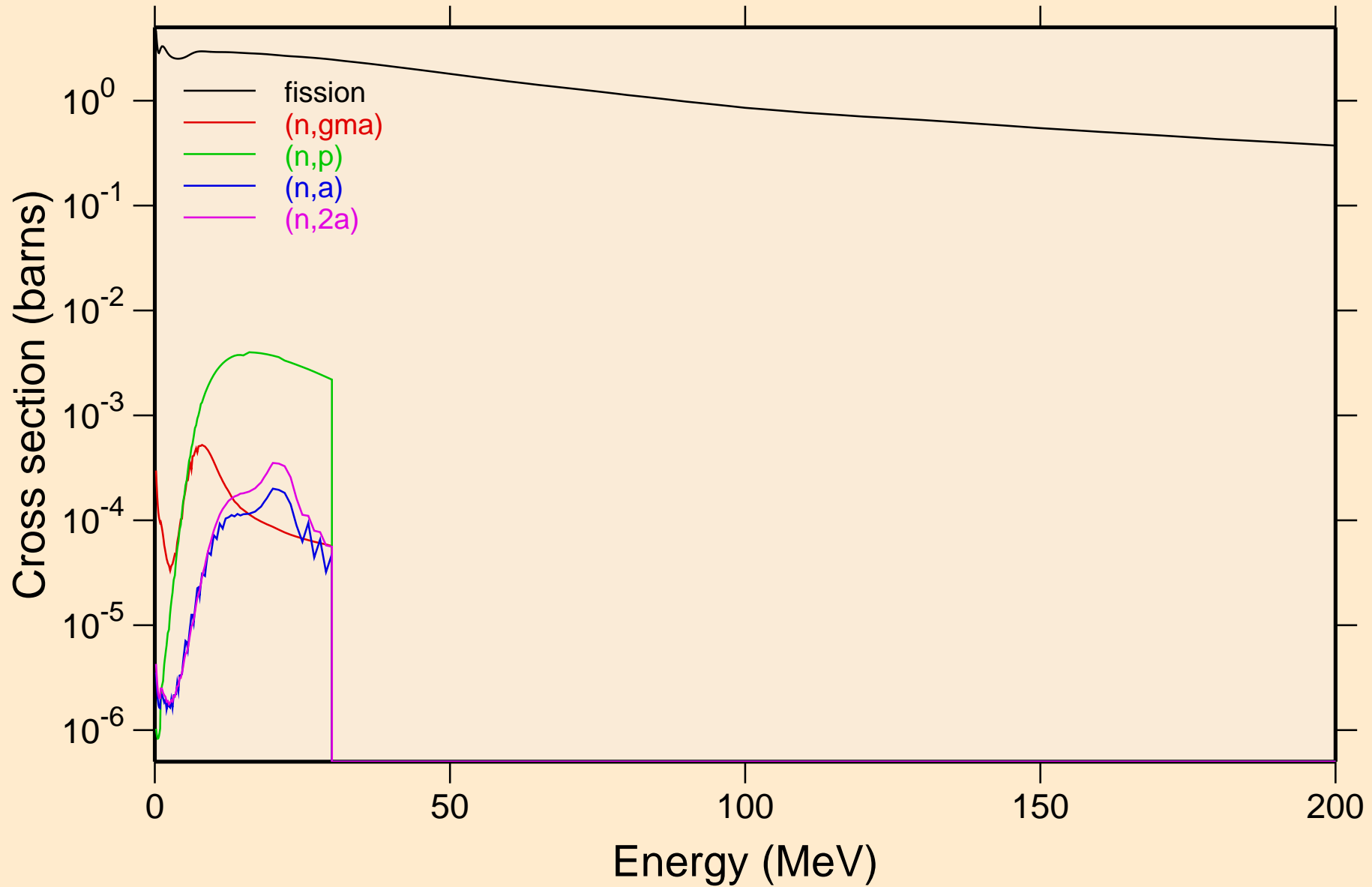
ES239 NRG TENDL-2016, AKONING

Principal cross sections



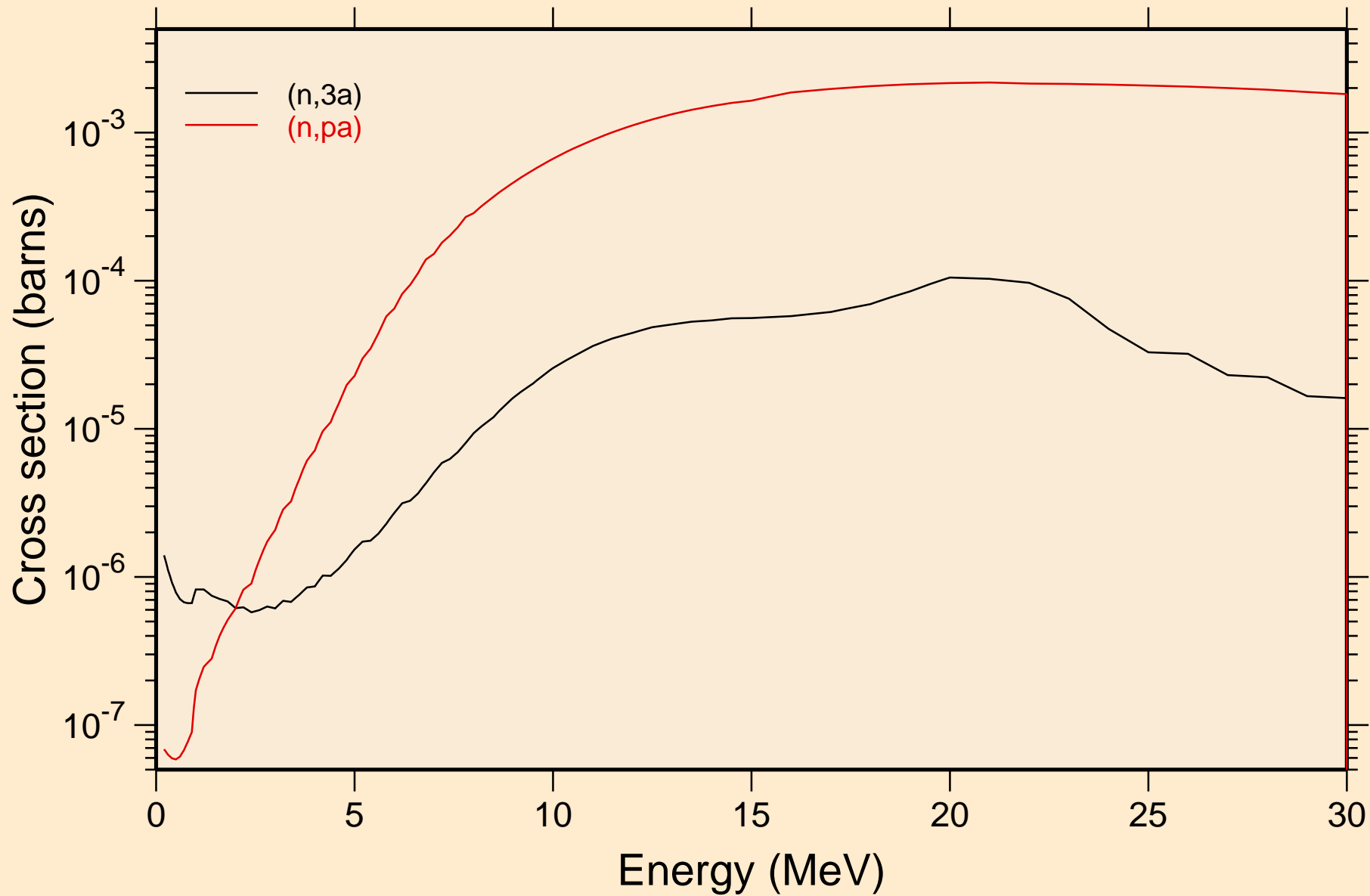
ES239 NRG TENDL-2016, AKONING

Non-threshold reactions

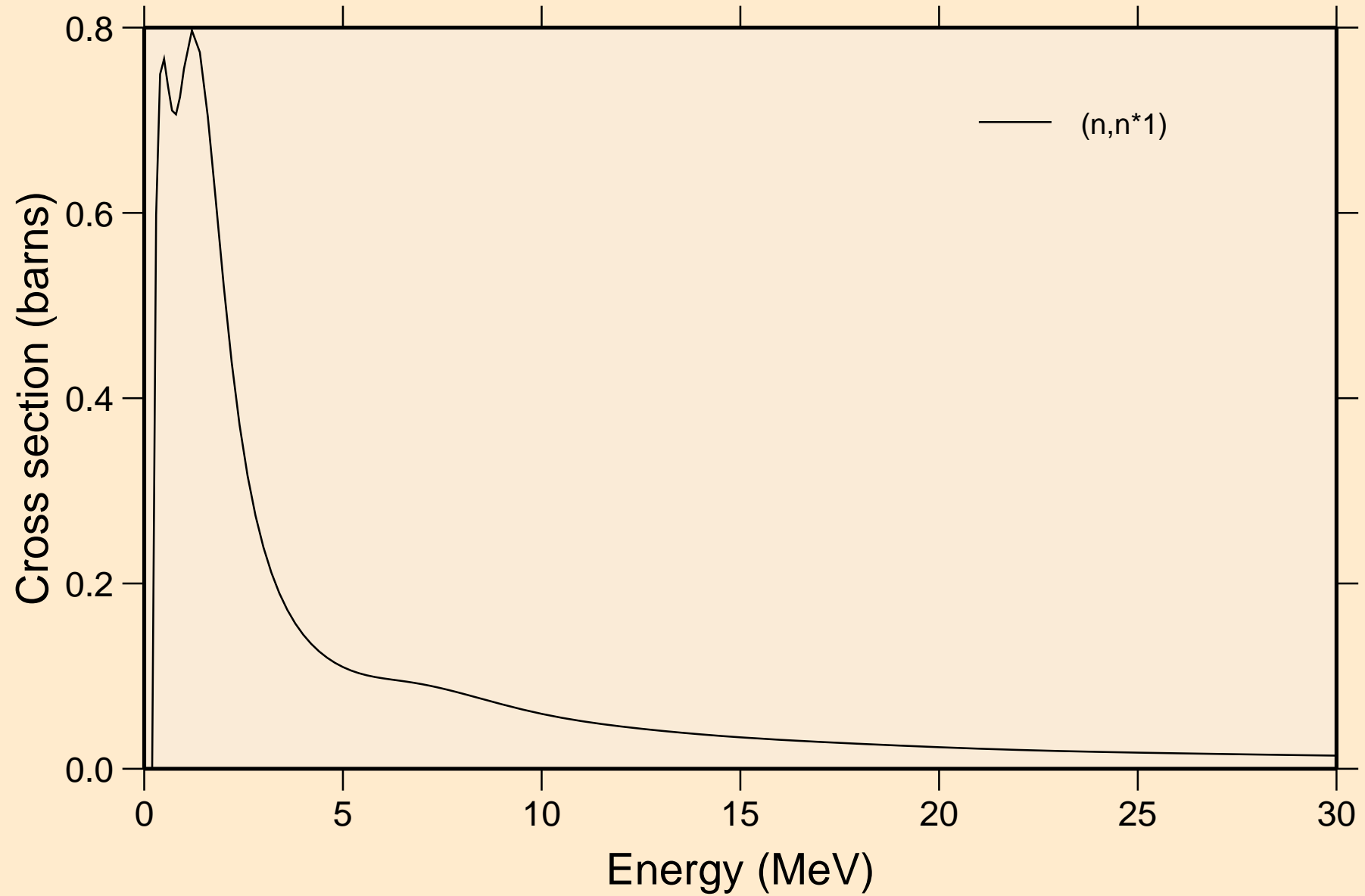


ES239 NRG TENDL-2016, AKONING

Non-threshold reactions

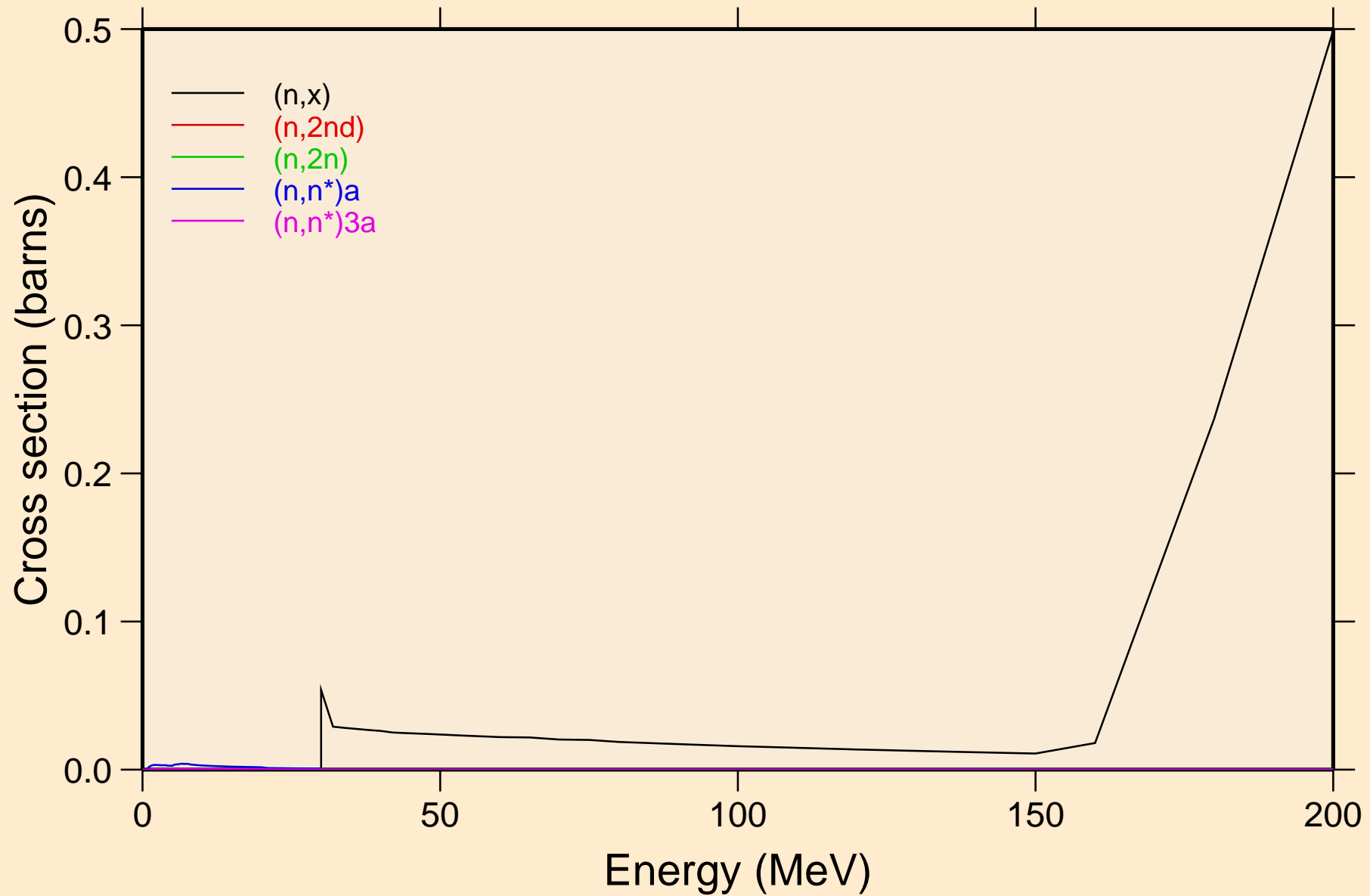


ES239 NRG TENDL-2016, AKONING
Inelastic levels



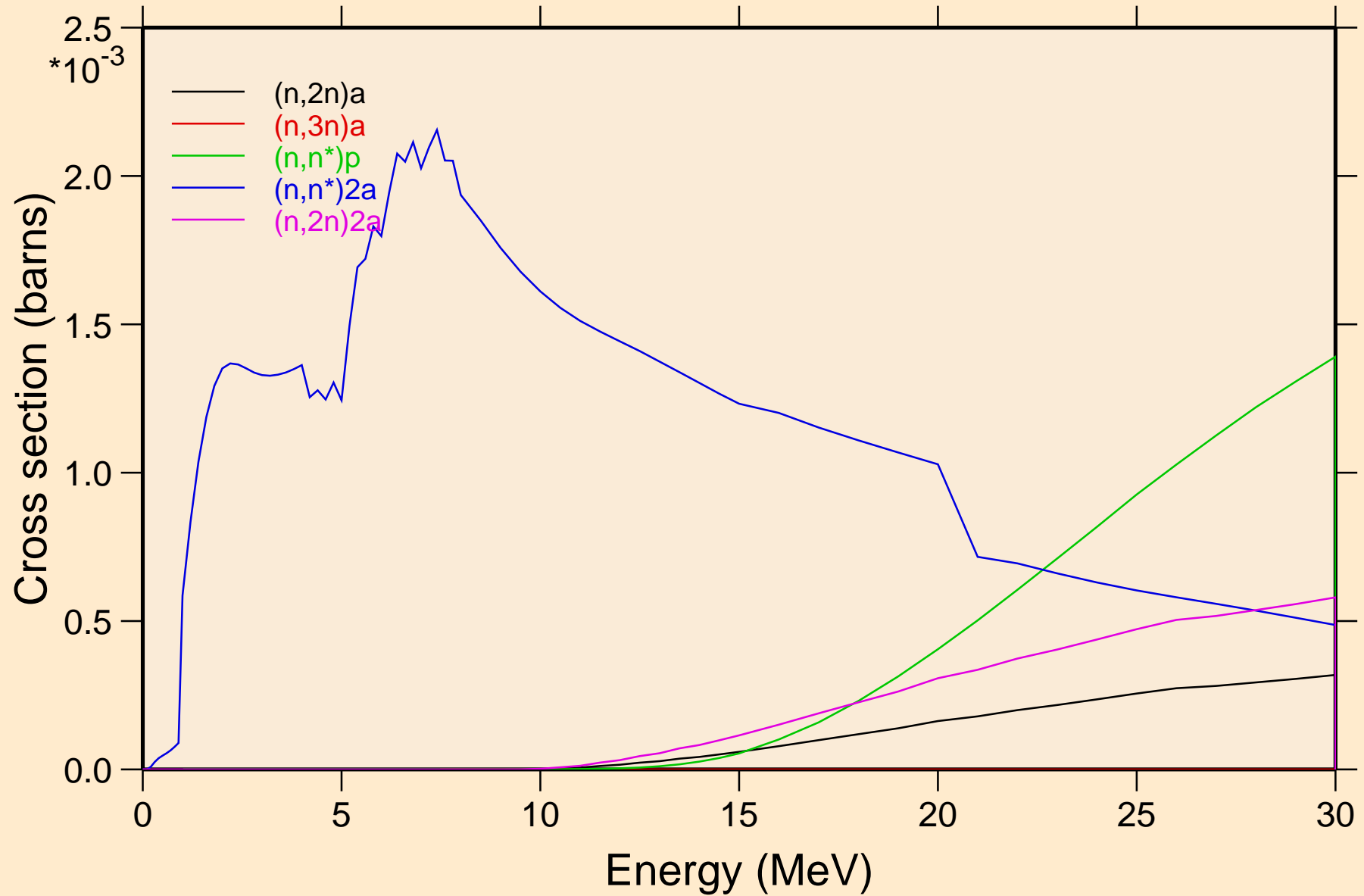
ES239 NRG TENDL-2016, AKONING

Threshold reactions



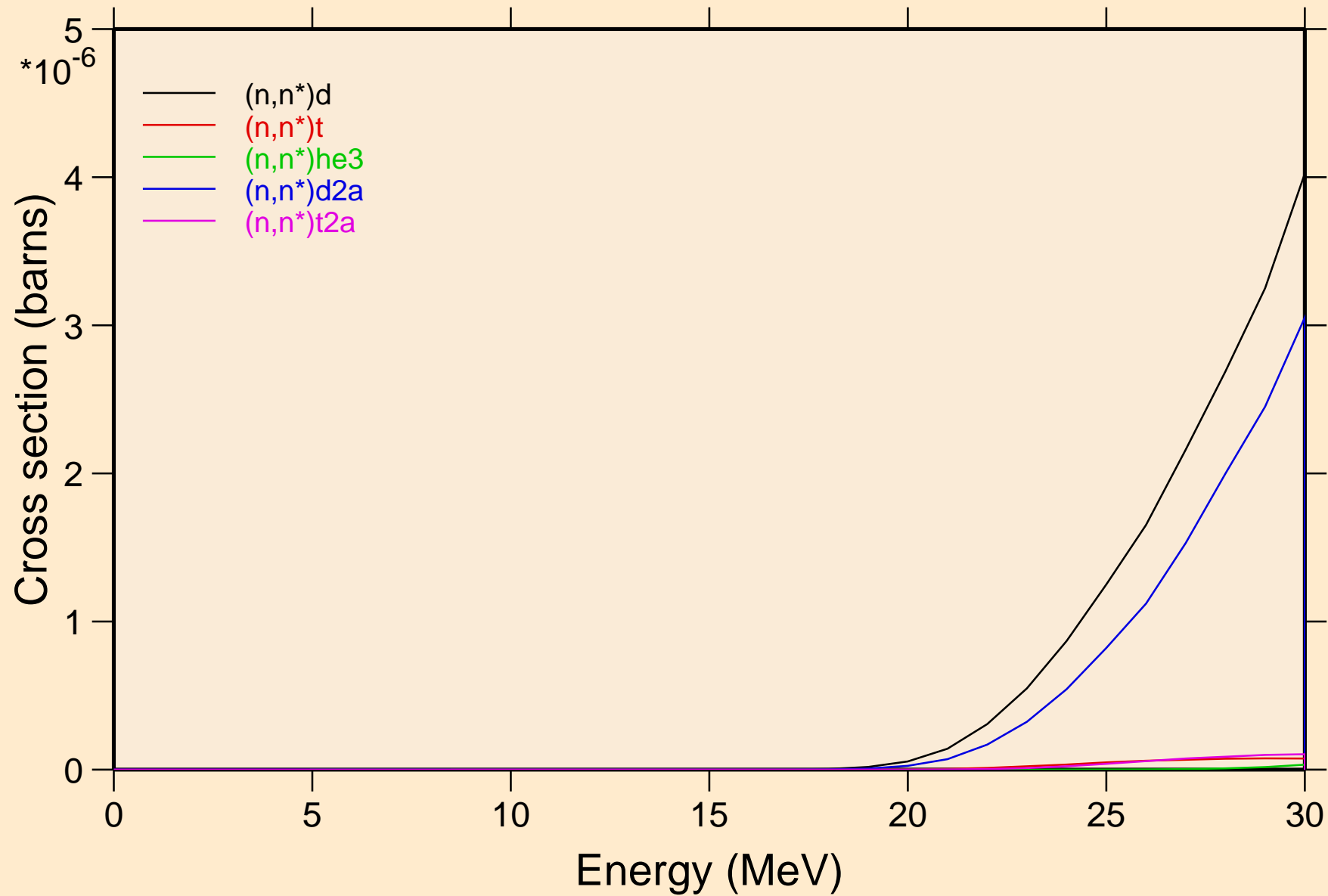
ES239 NRG TENDL-2016, AKONING

Threshold reactions



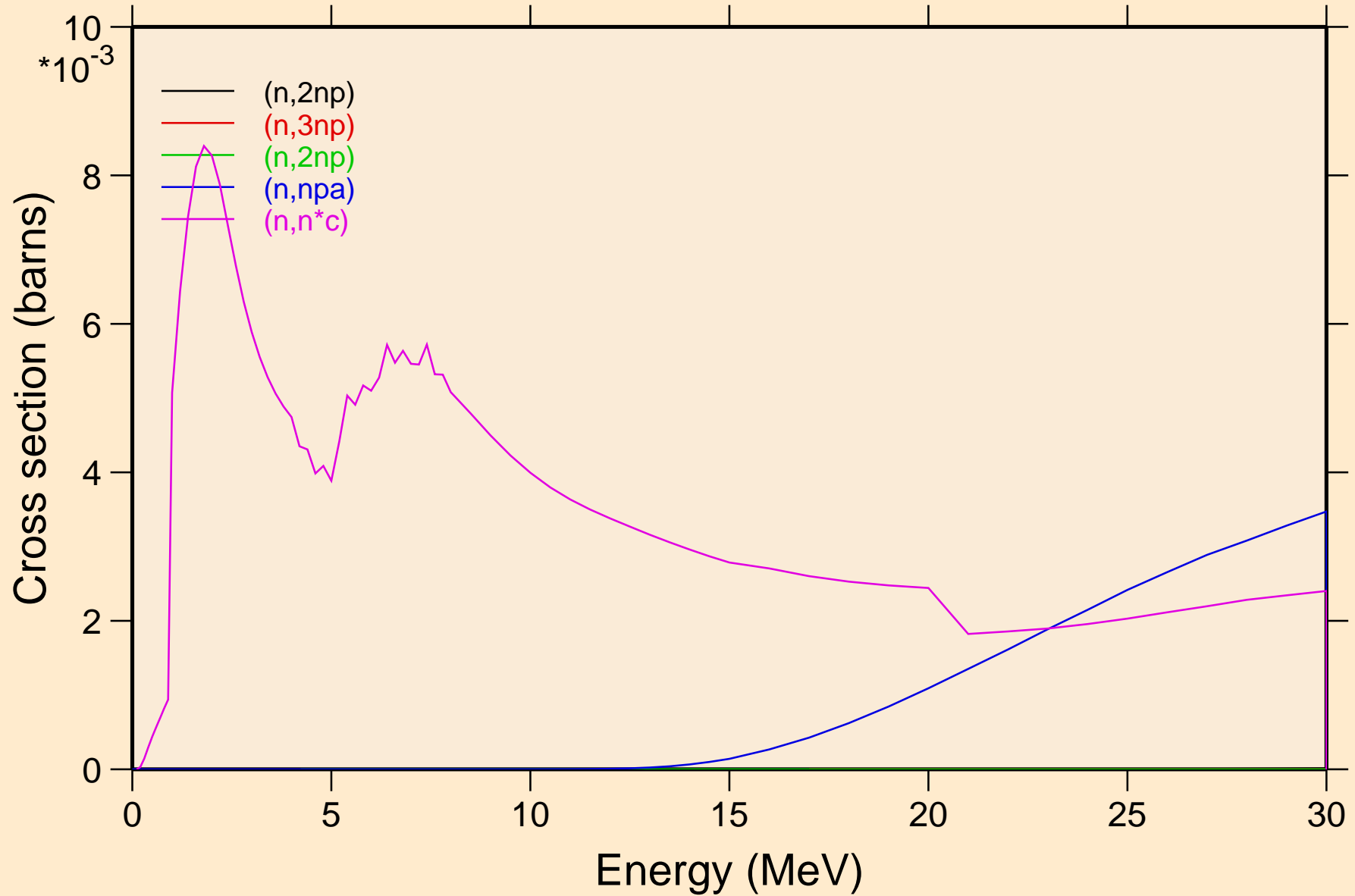
ES239 NRG TENDL-2016, AKONING

Threshold reactions



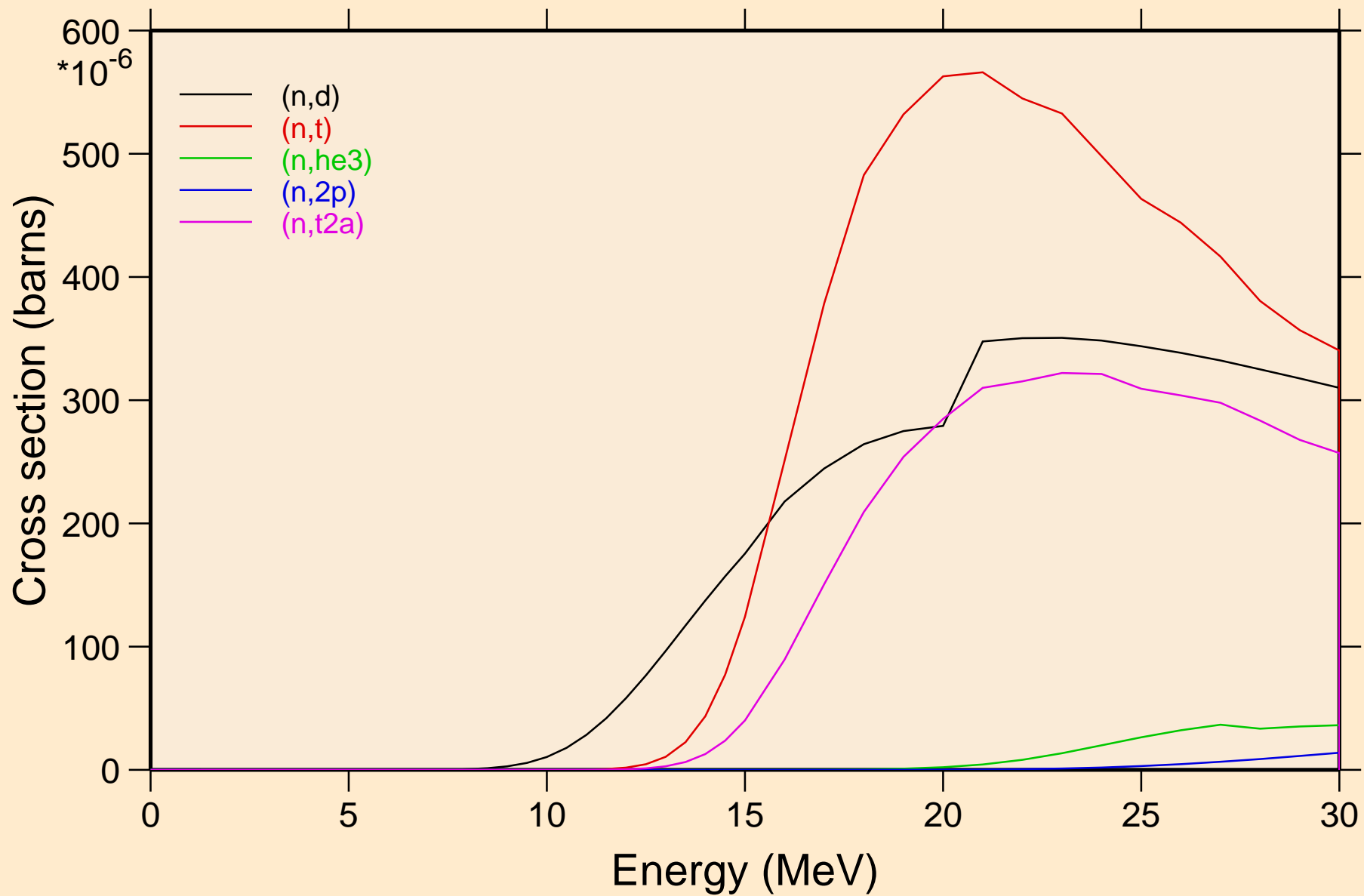
ES239 NRG TENDL-2016, AKONING

Threshold reactions



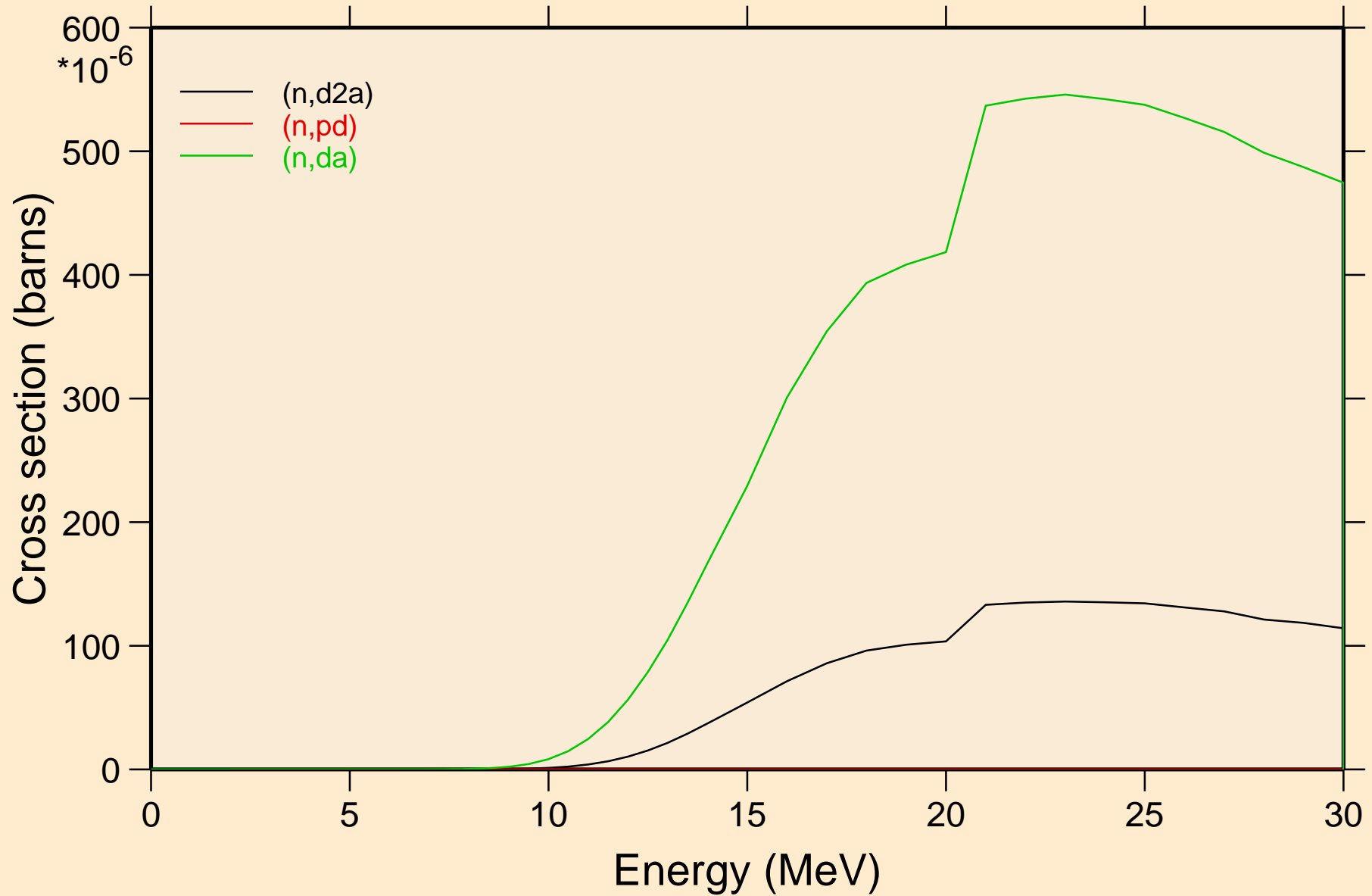
ES239 NRG TENDL-2016, AKONING

Threshold reactions

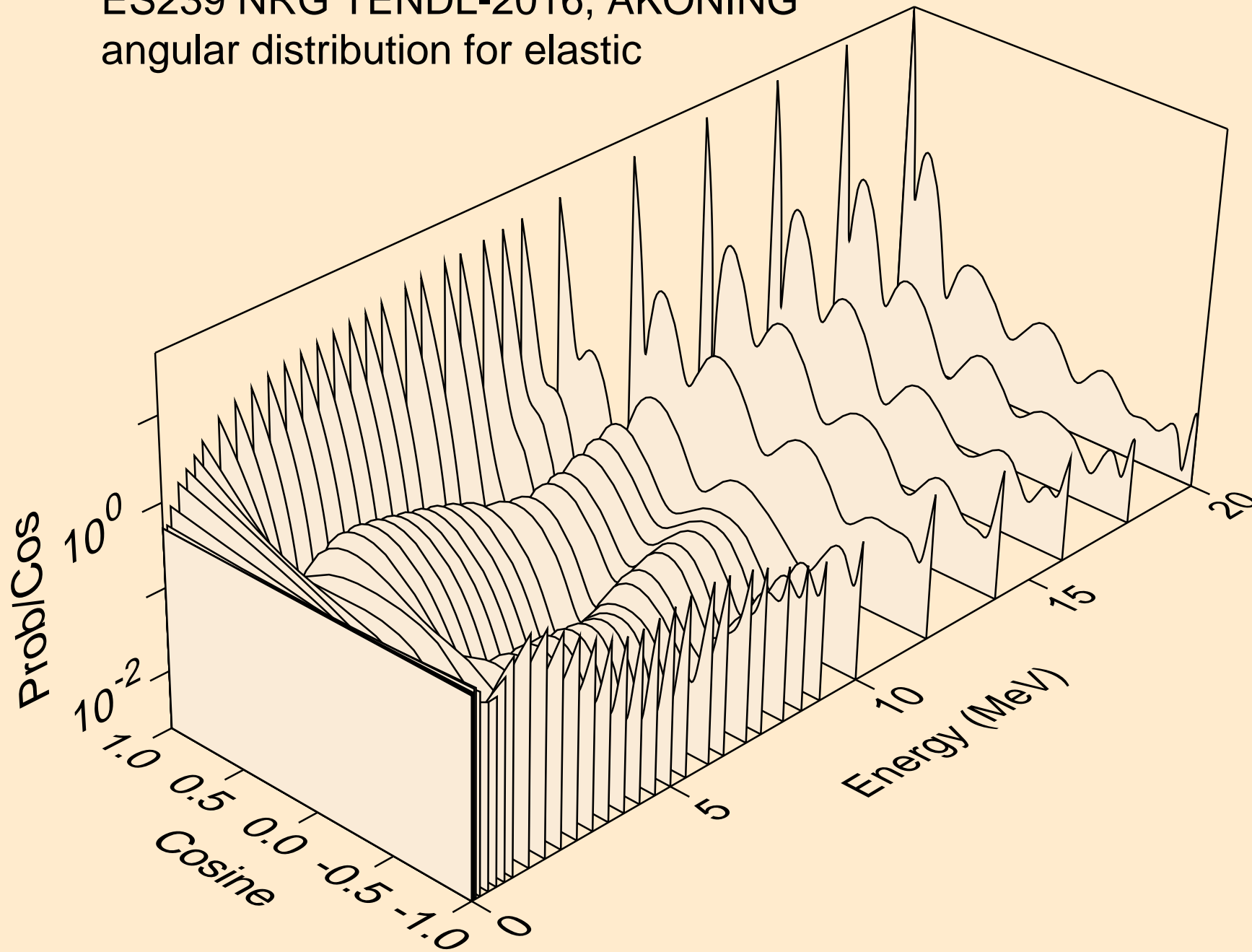


ES239 NRG TENDL-2016, AKONING

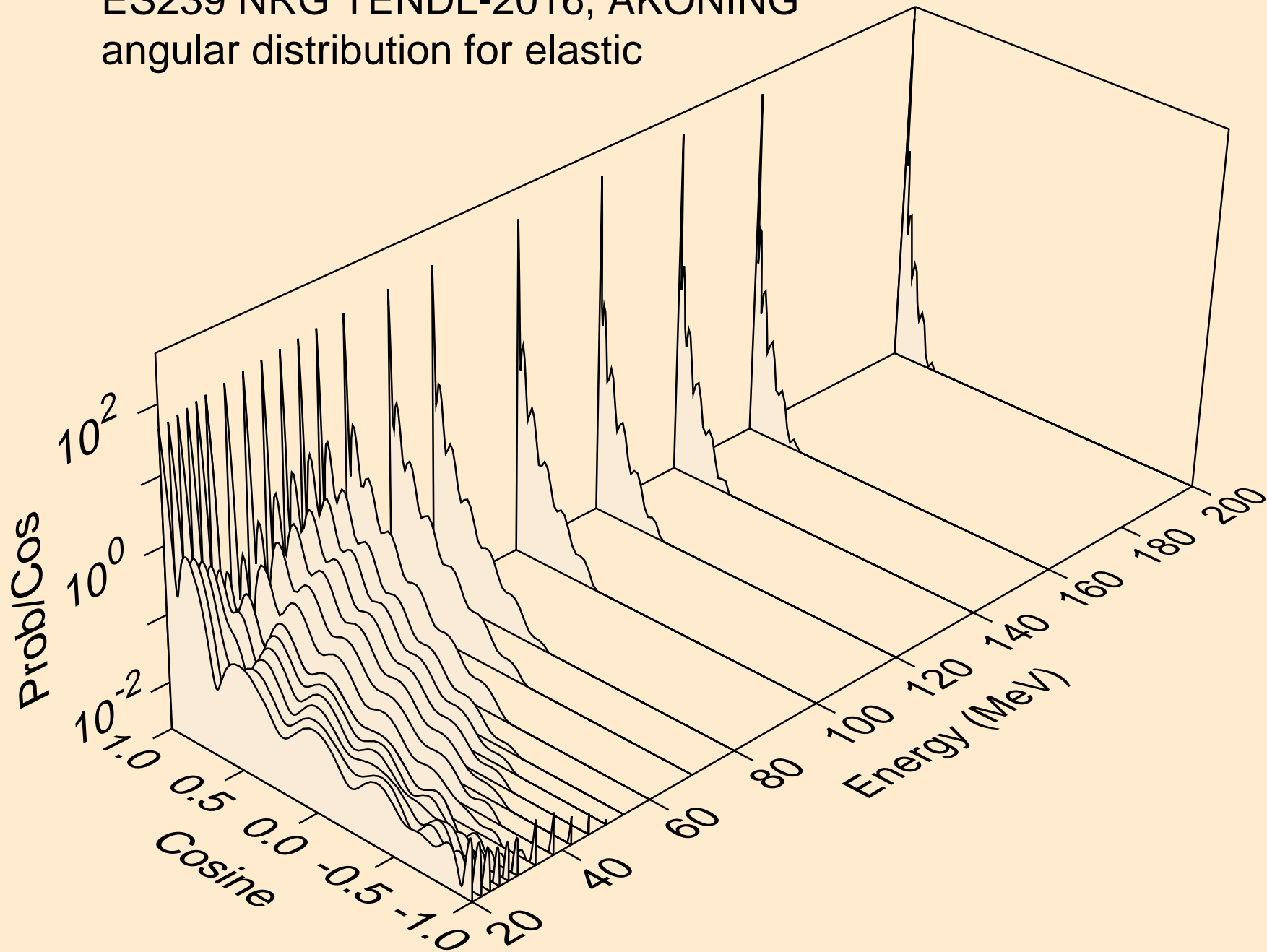
Threshold reactions



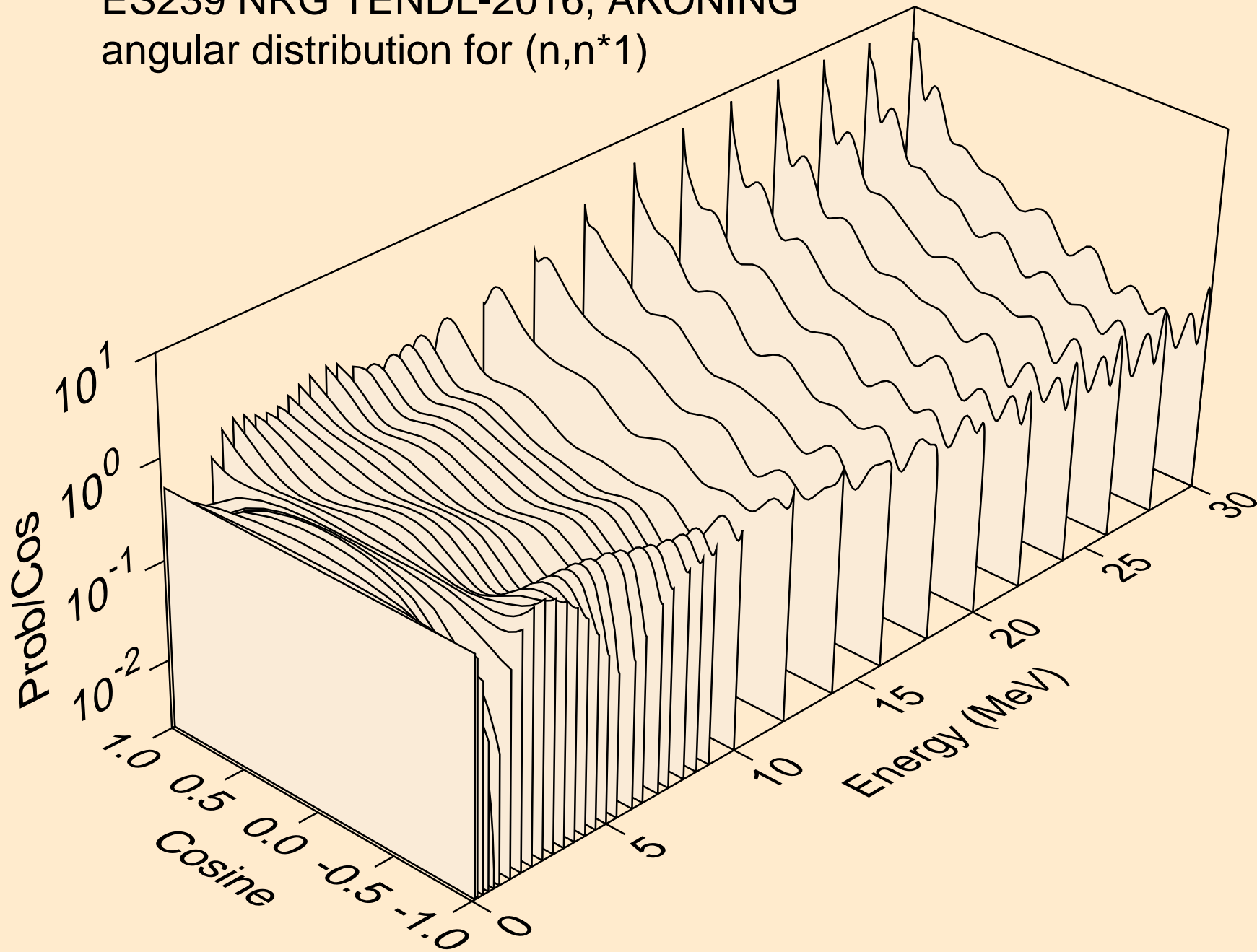
ES239 NRG TENDL-2016, AKONING
angular distribution for elastic



ES239 NRG TENDL-2016, AKONING
angular distribution for elastic

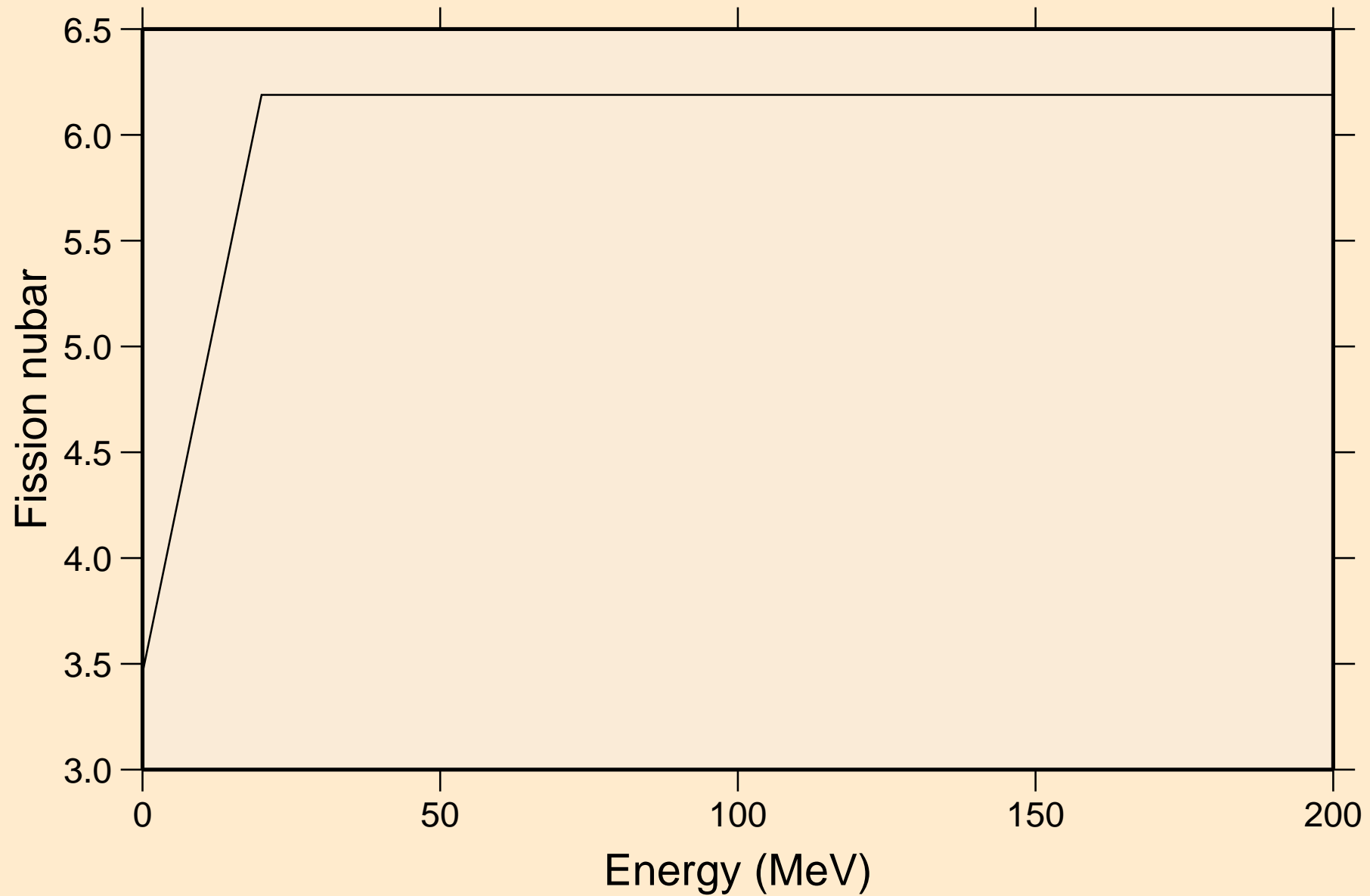


ES239 NRG TENDL-2016, AKONING
angular distribution for (n,n*1)

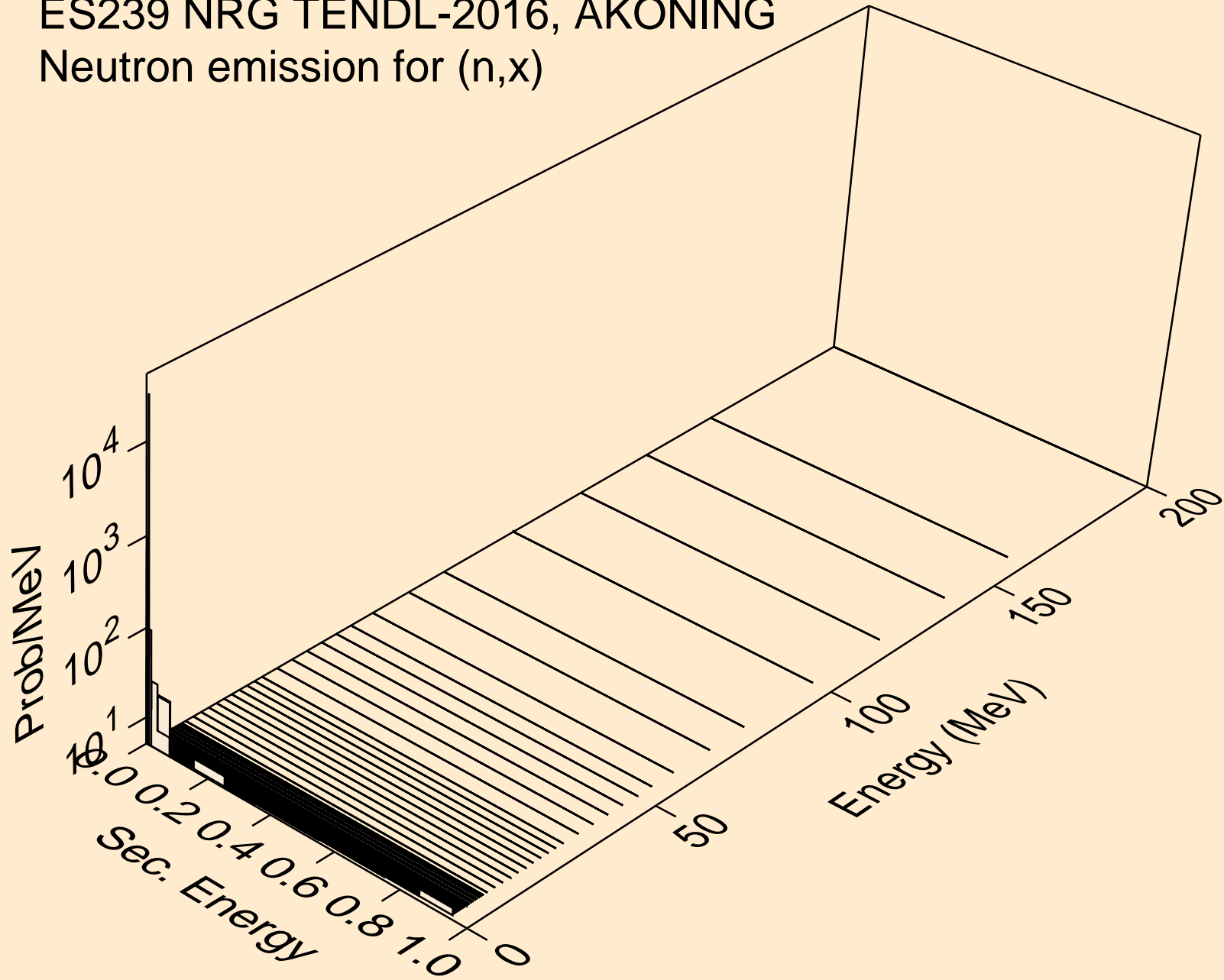


ES239 NRG TENDL-2016, AKONING

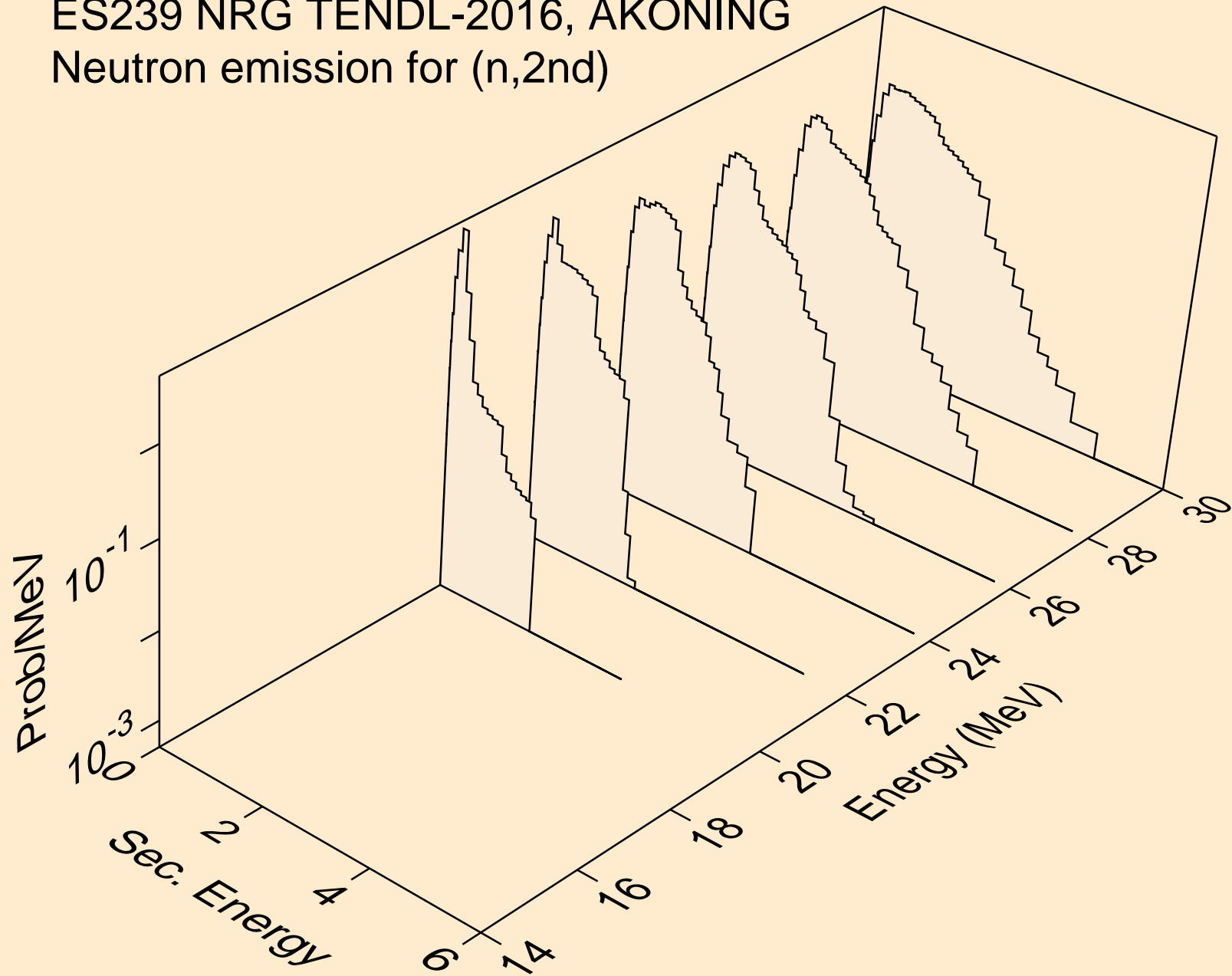
Total fission nubar



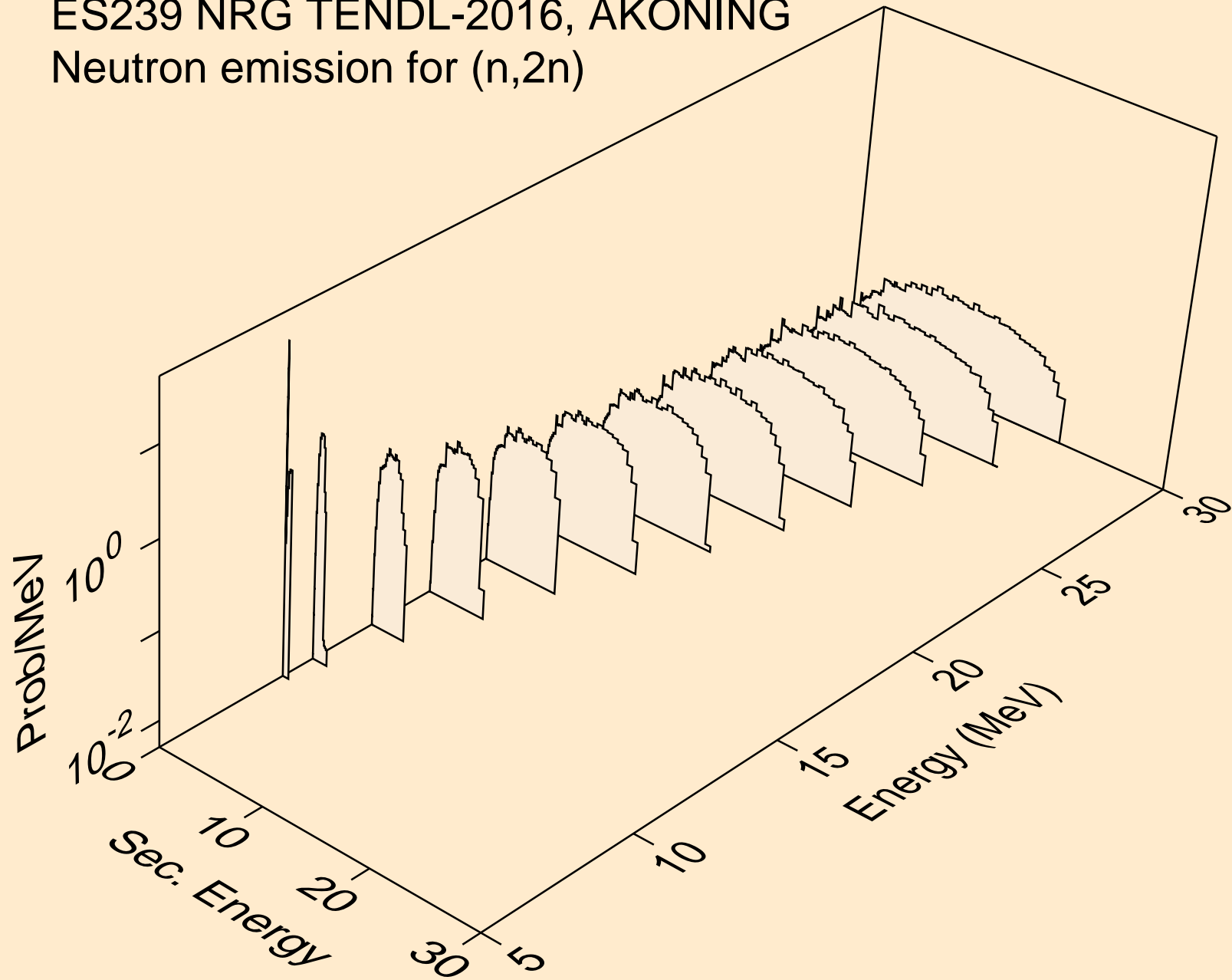
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,x)



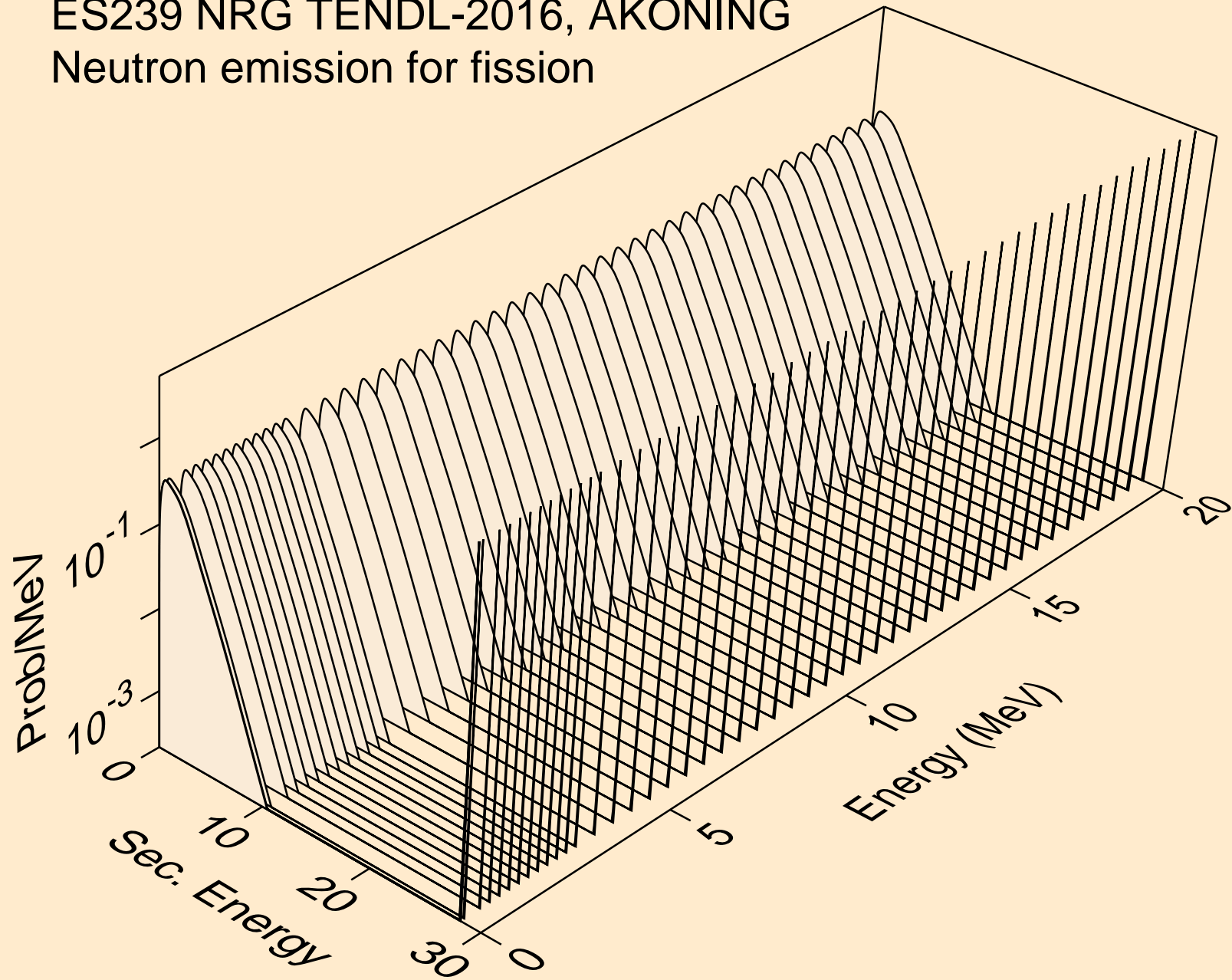
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,2nd)



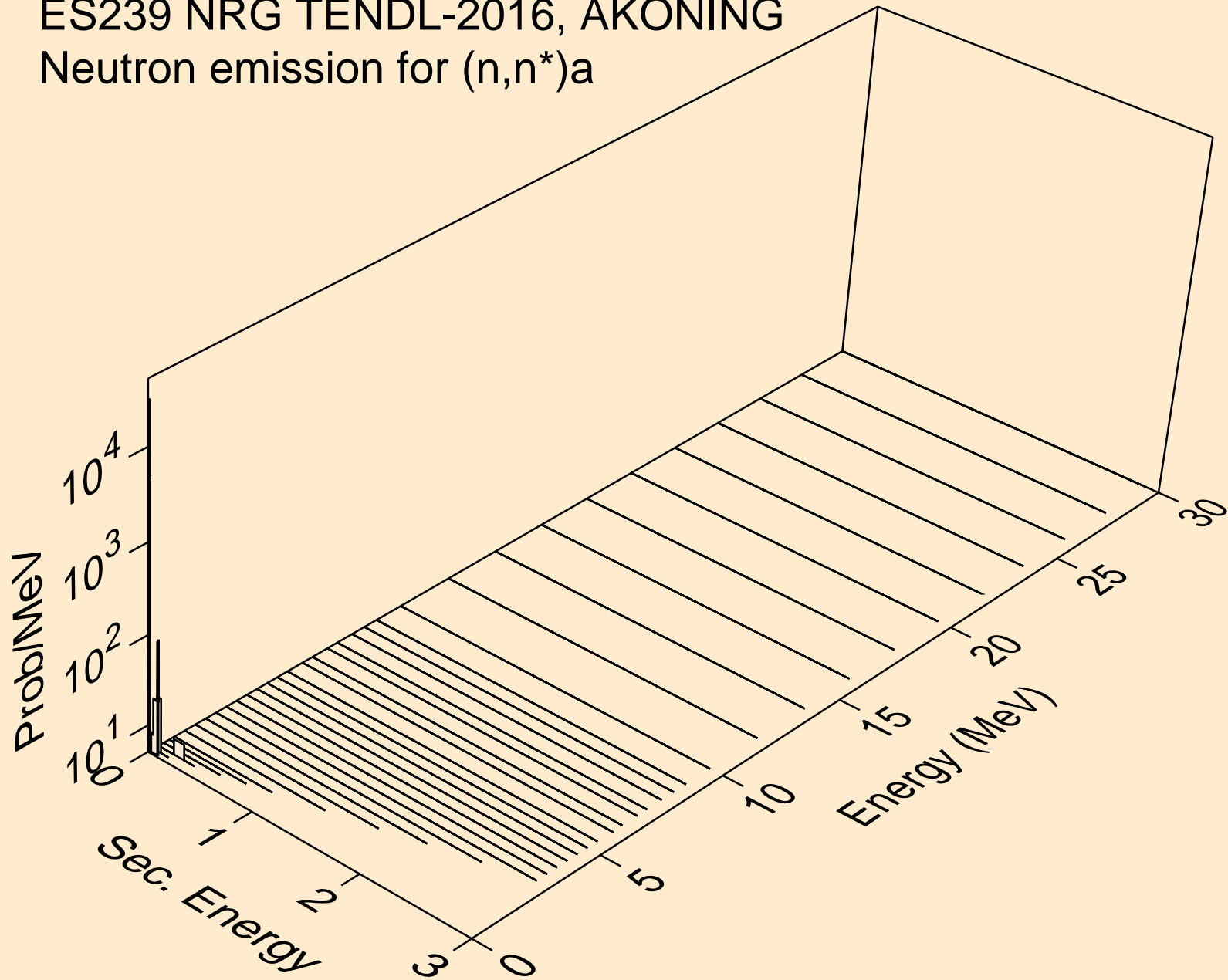
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,2n)



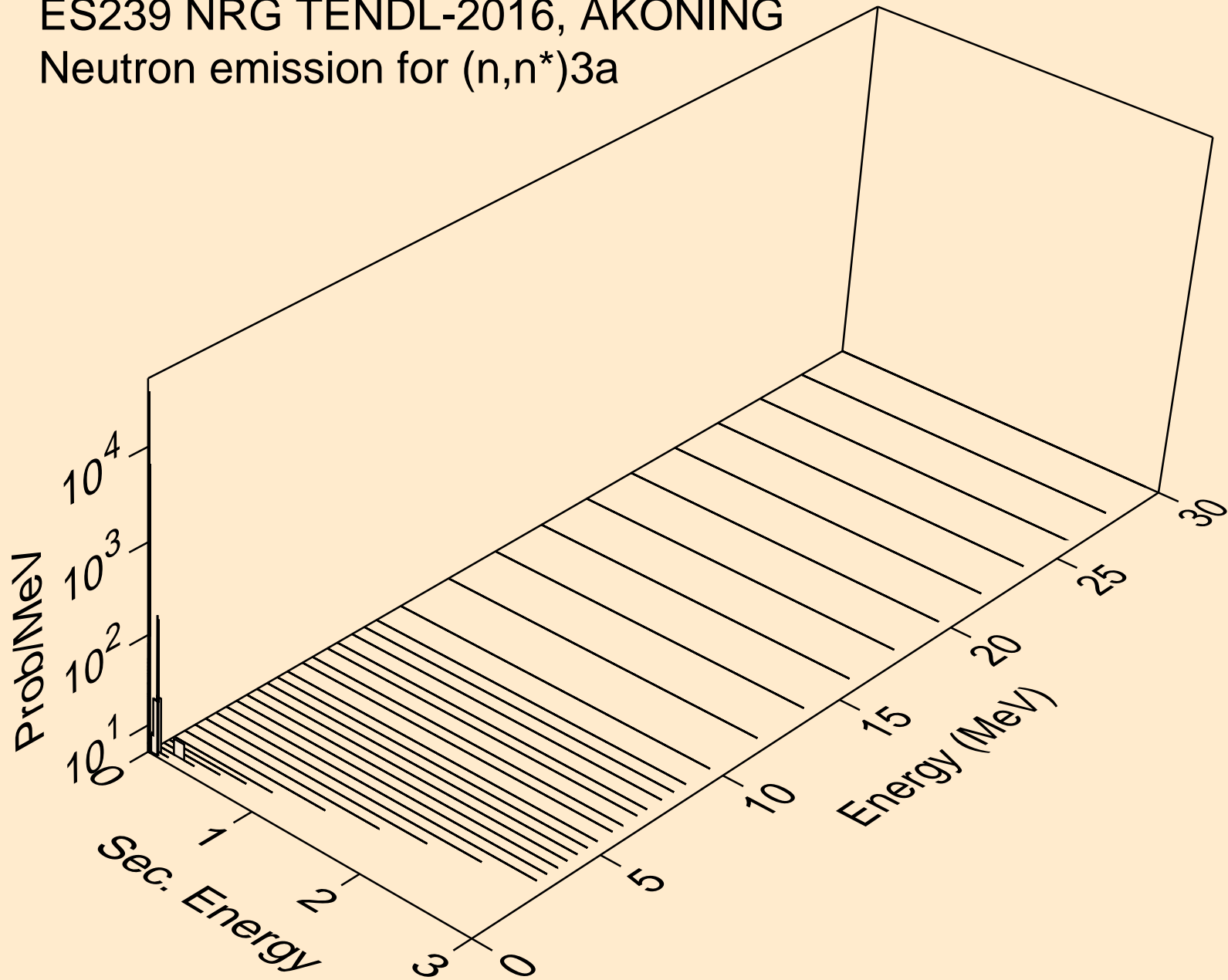
ES239 NRG TENDL-2016, AKONING
Neutron emission for fission



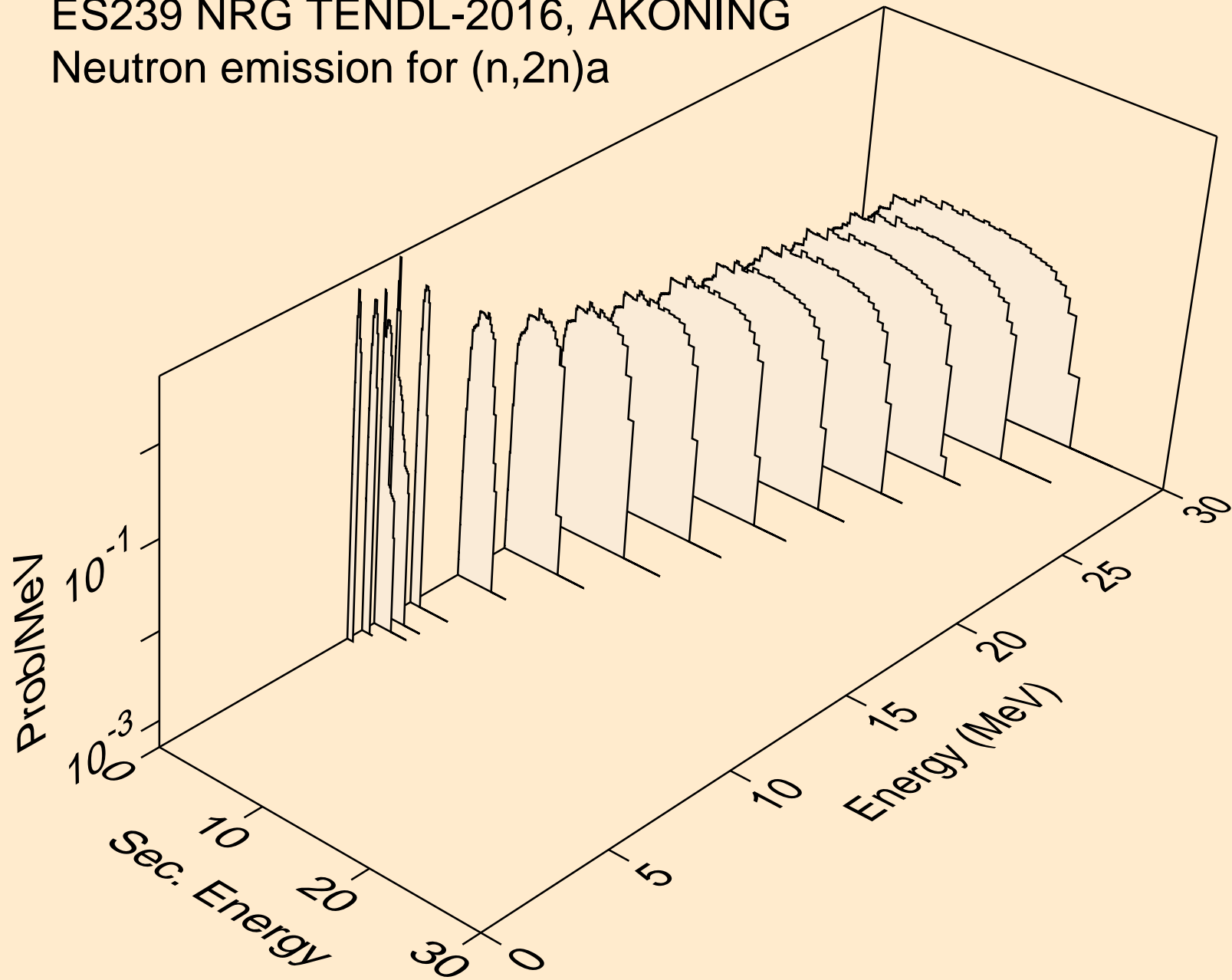
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,n*)a



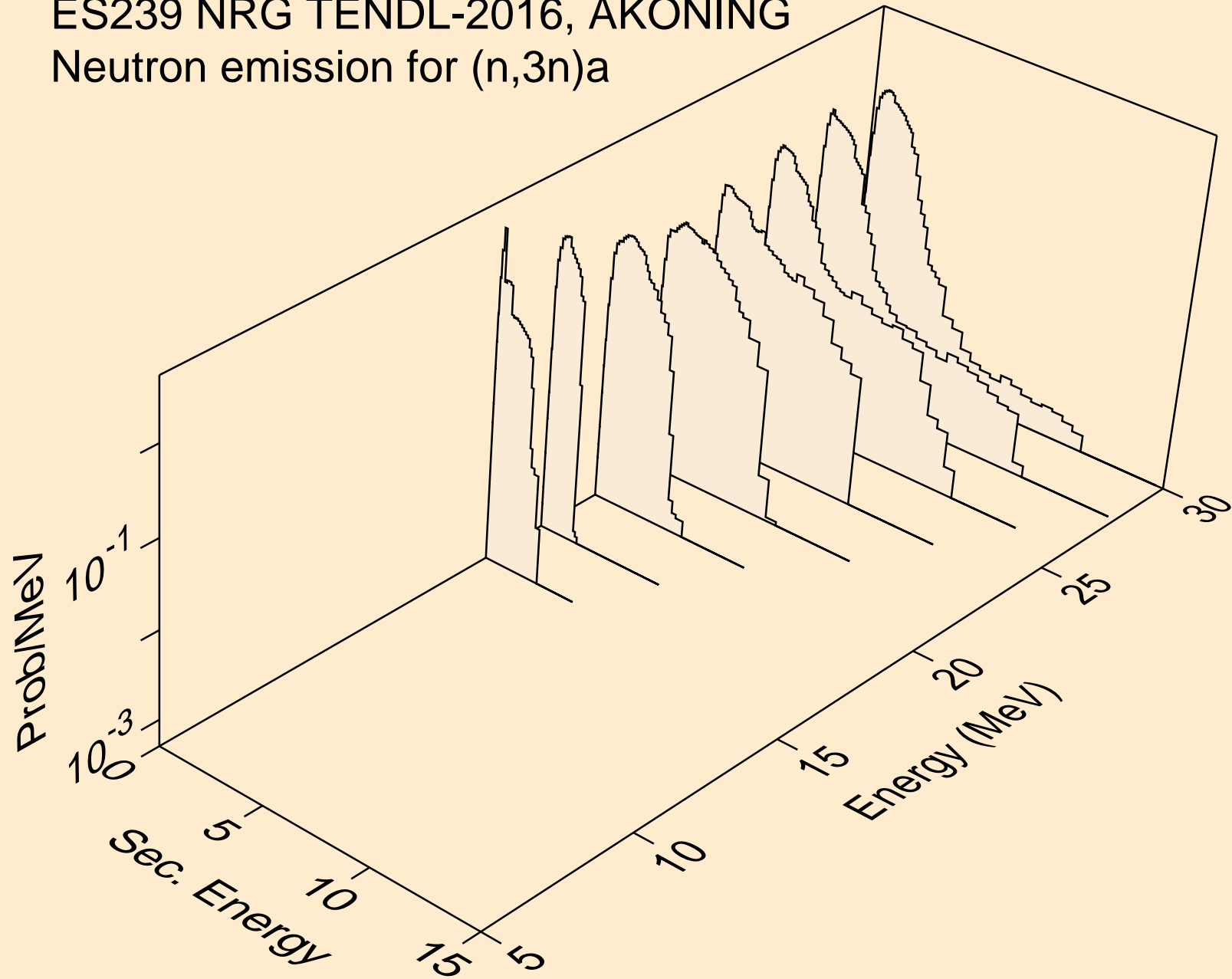
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,n*)3a



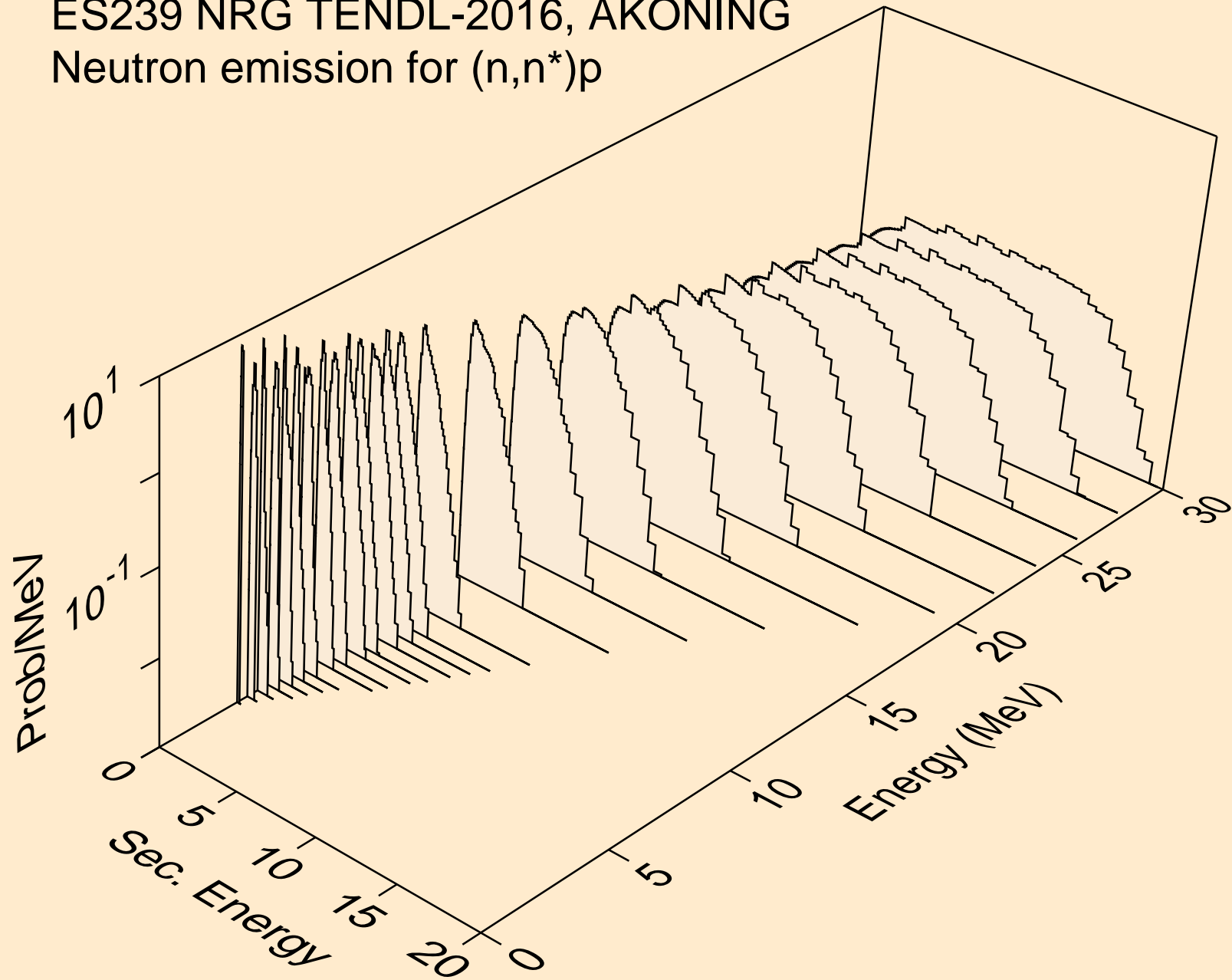
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,2n)a



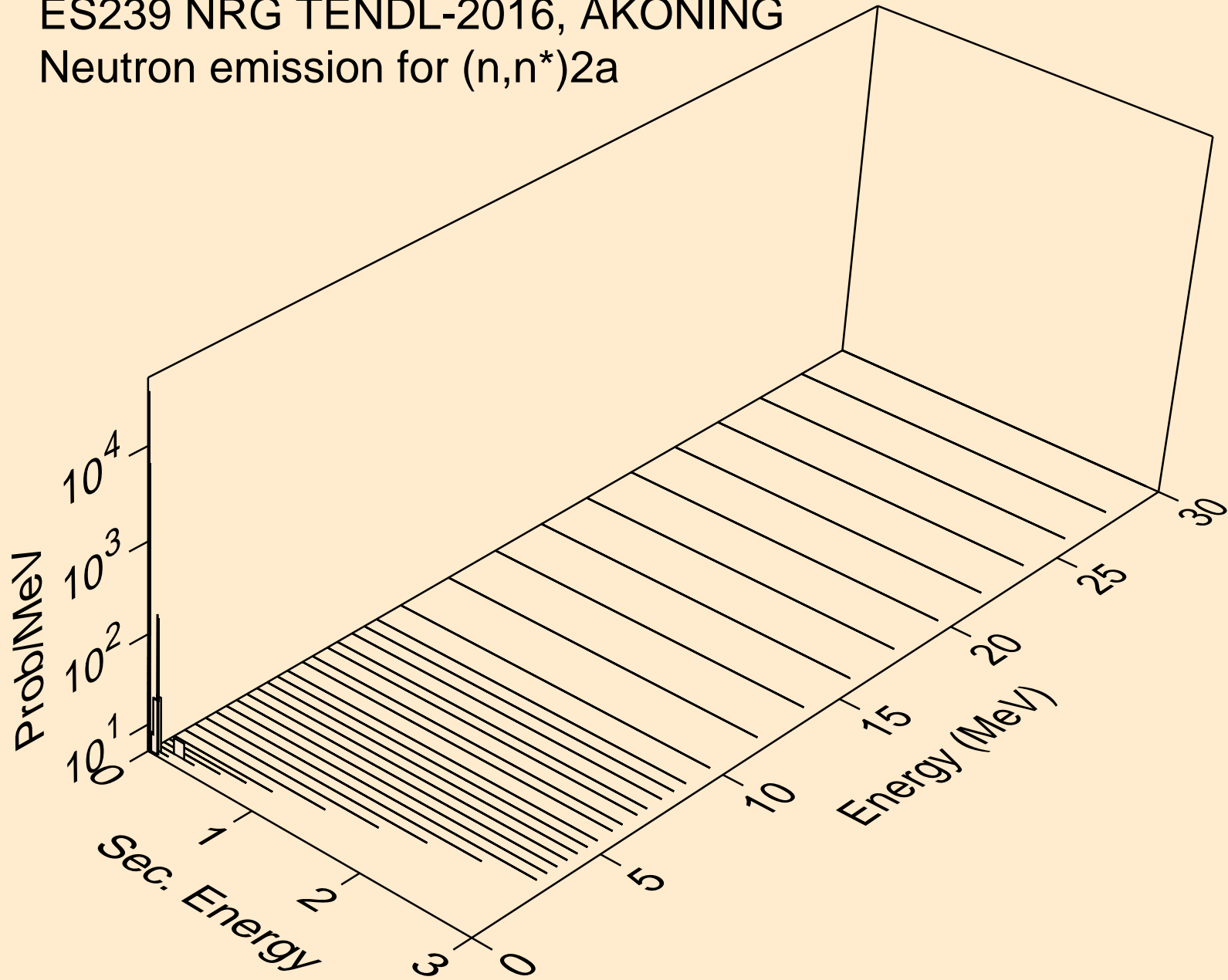
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,3n)a



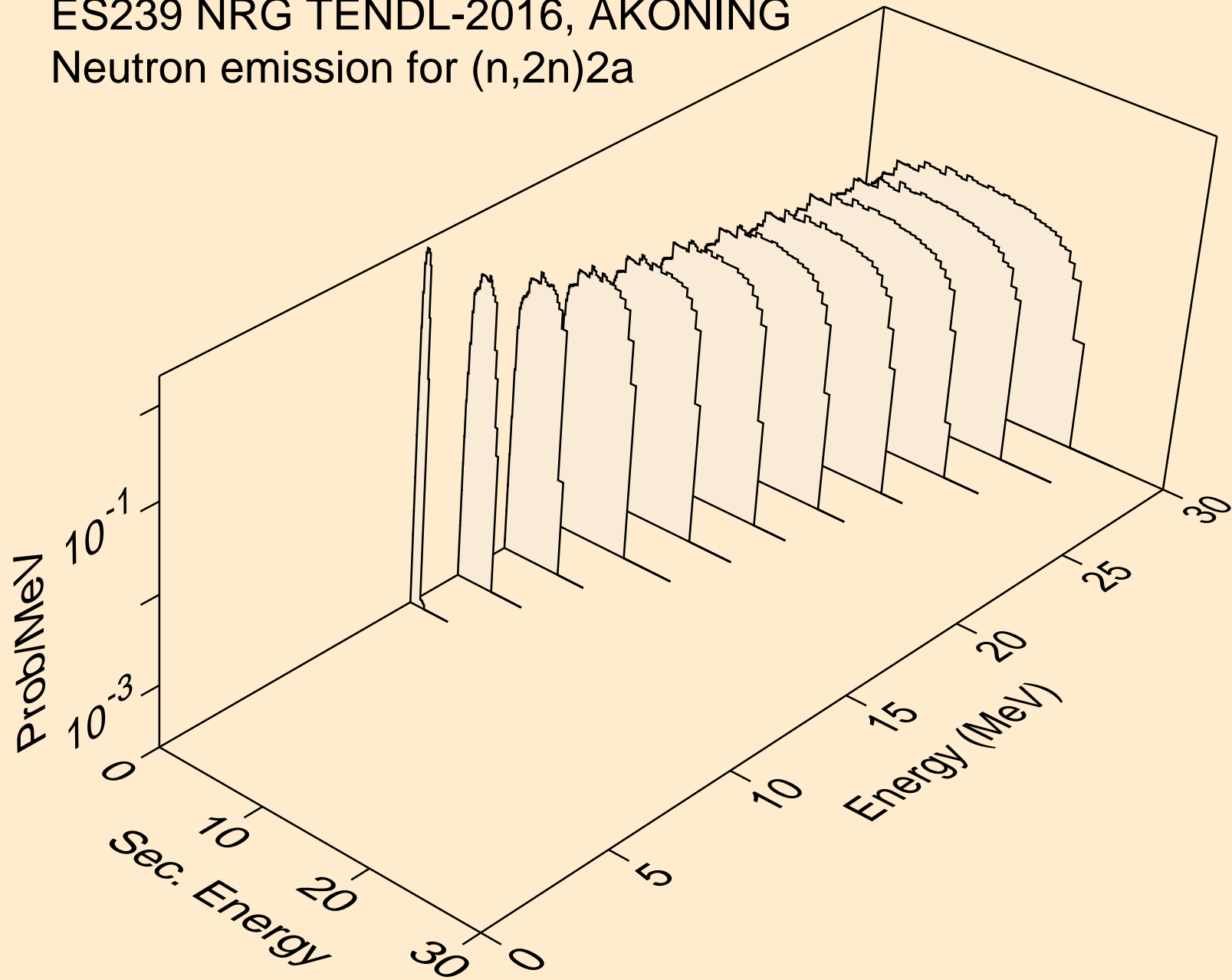
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,n*)p



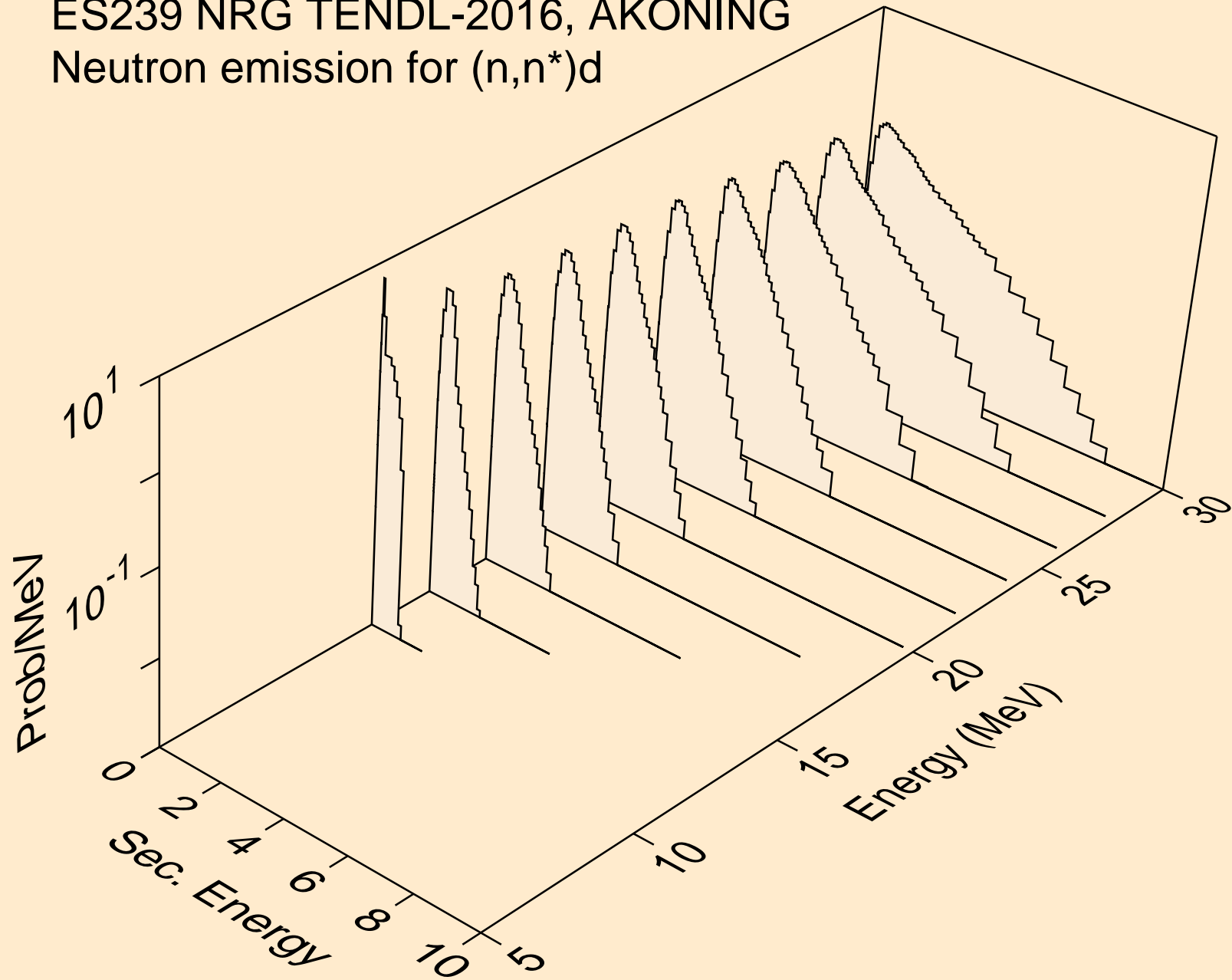
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,n*)2a



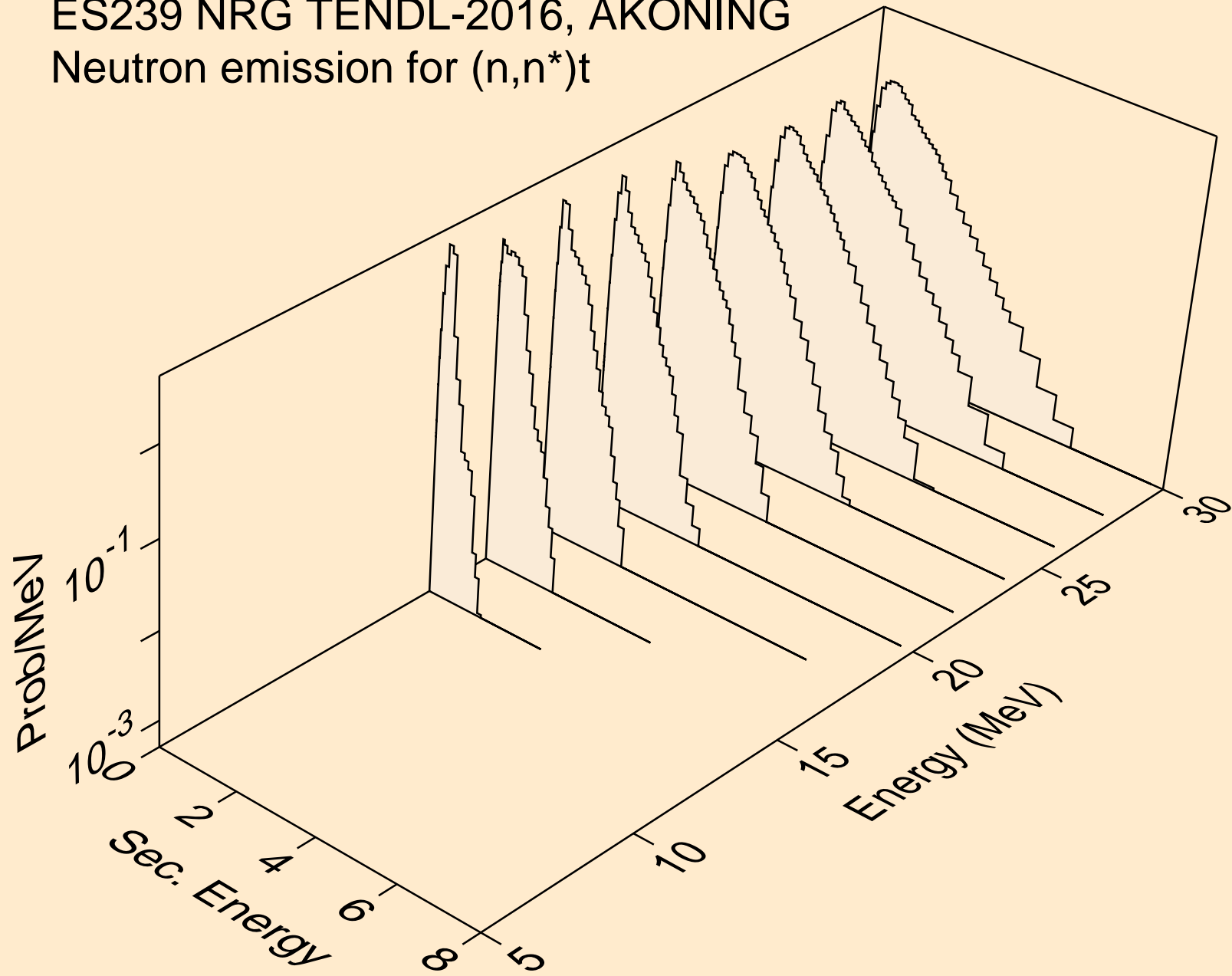
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,2n)2a



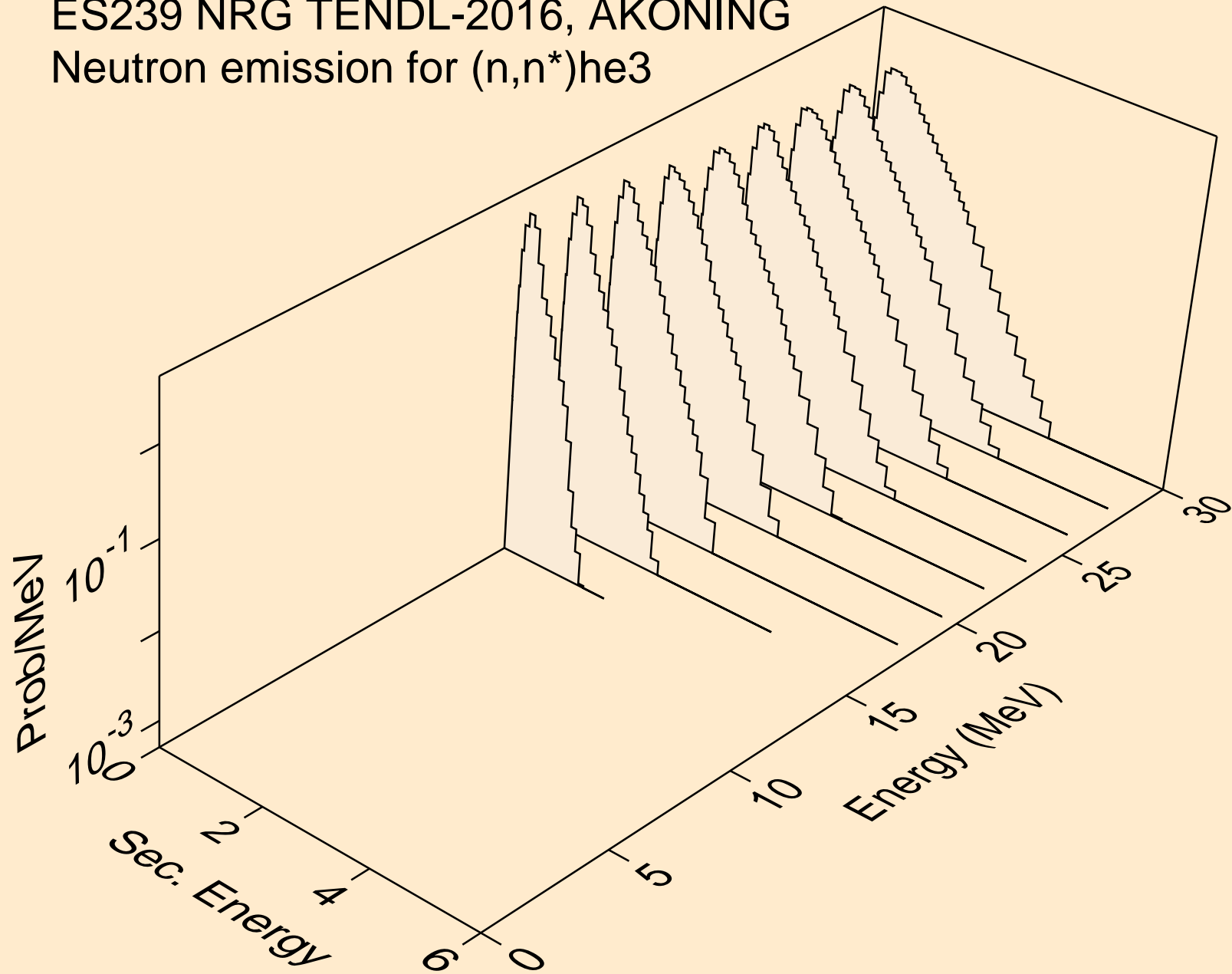
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,n*)d



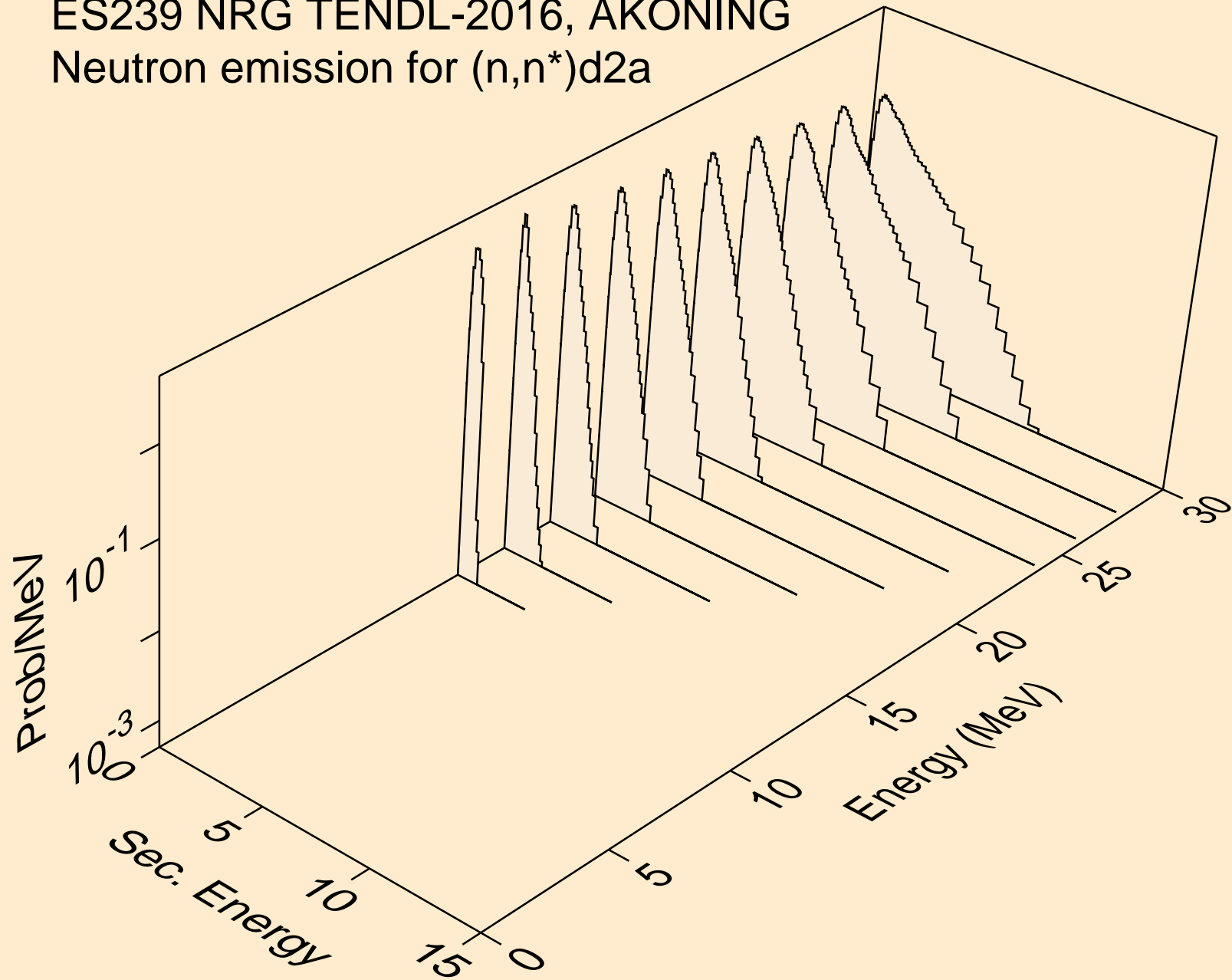
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,n*)t



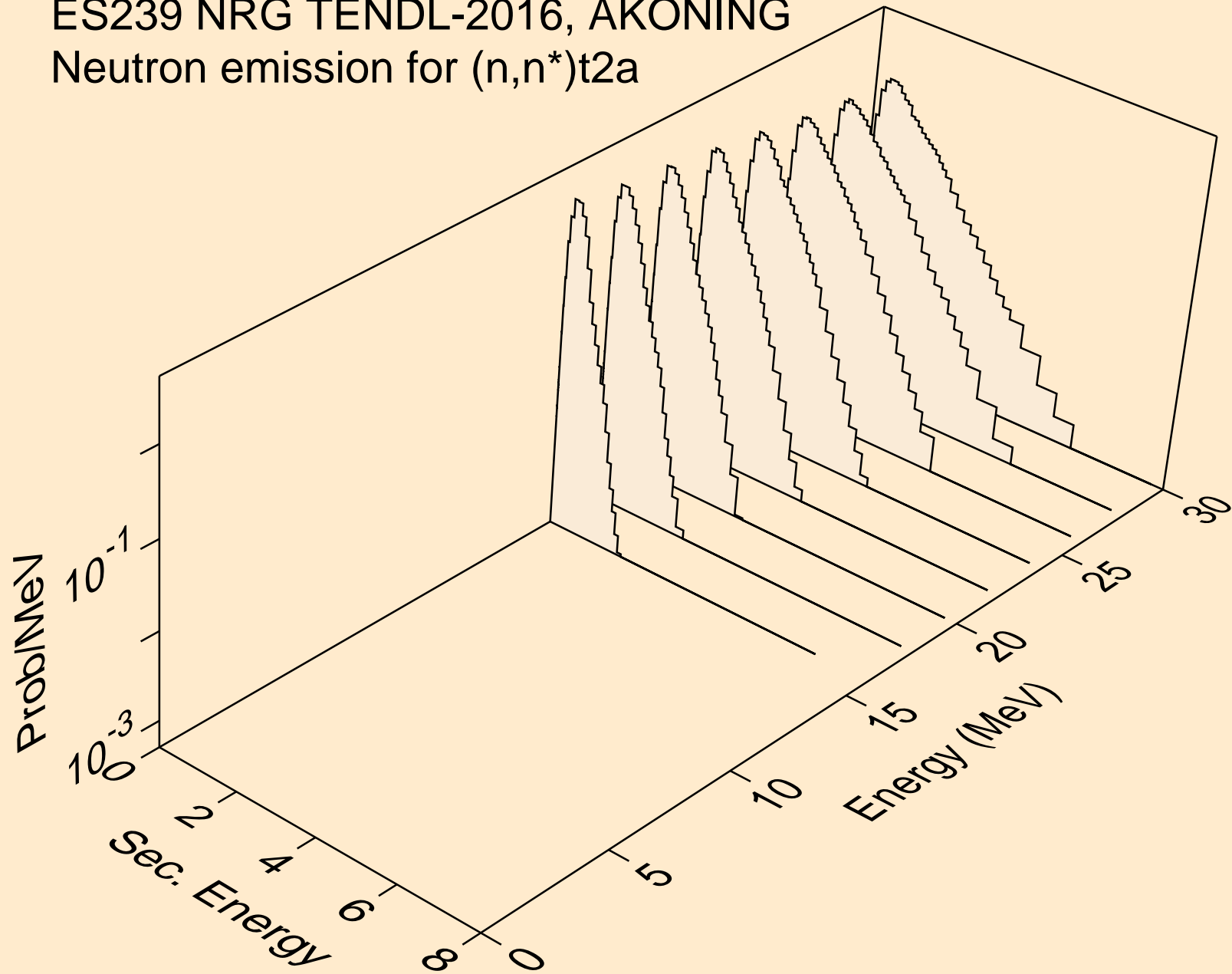
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,n*)he3



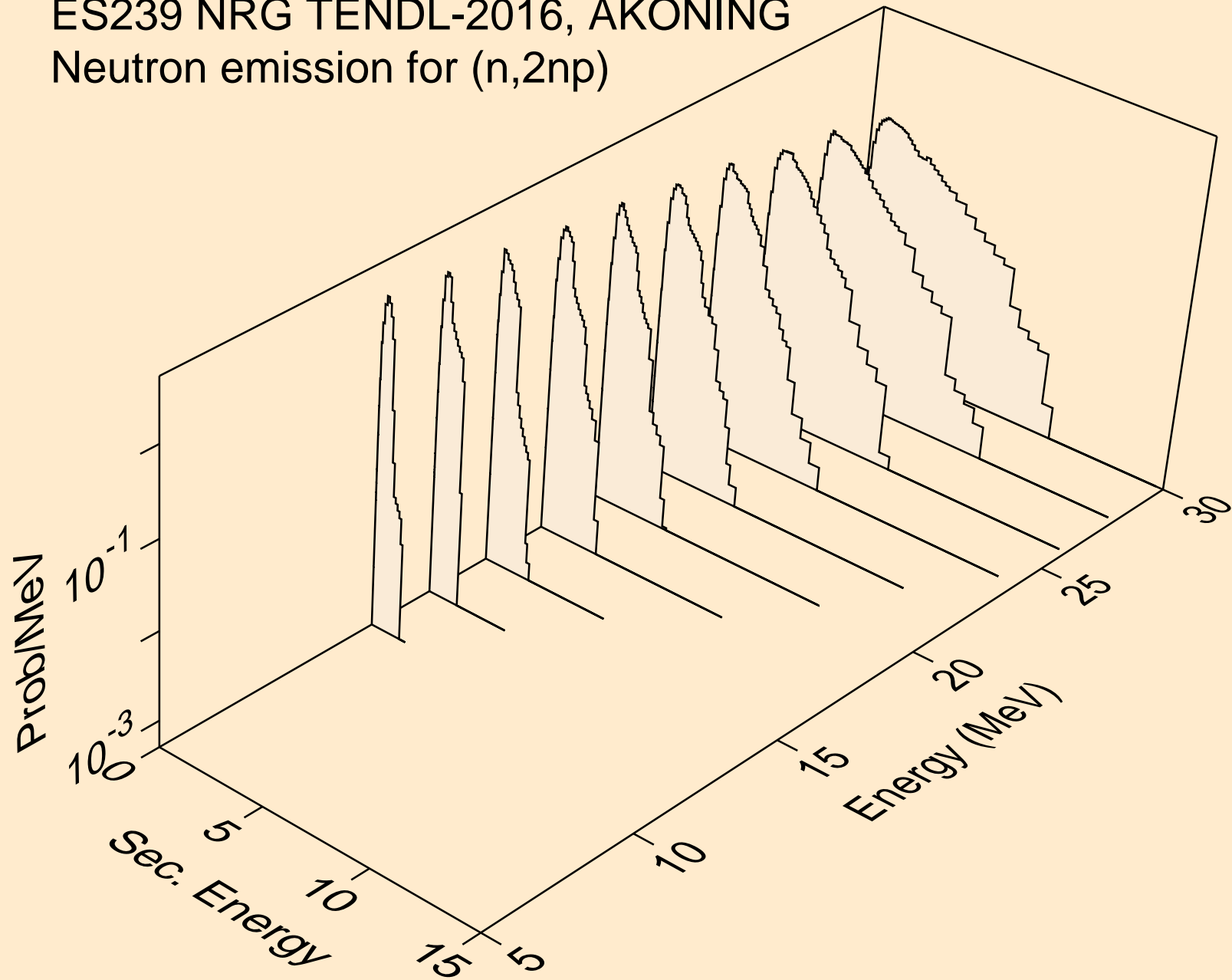
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,n*)d2a



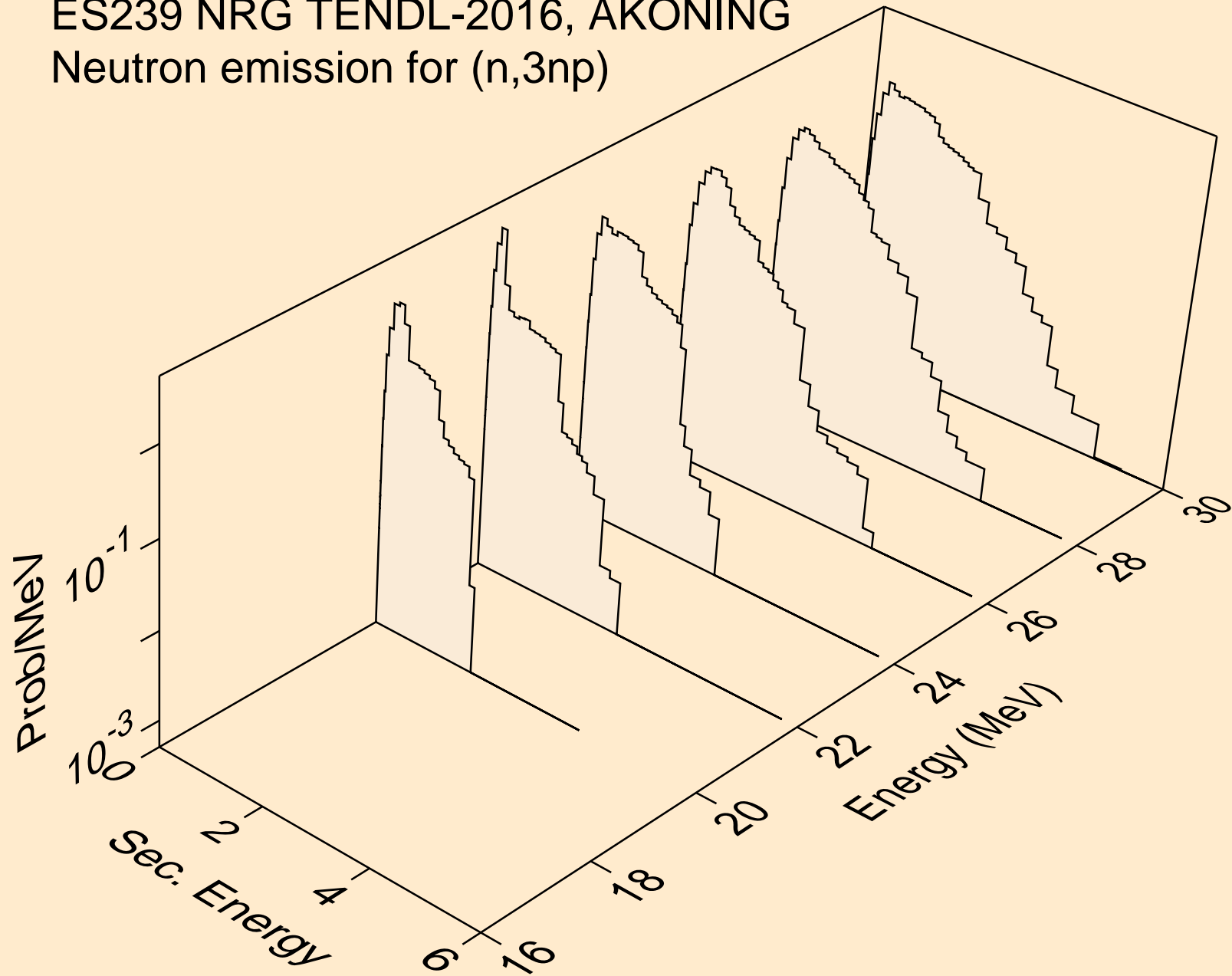
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,n*)t2a



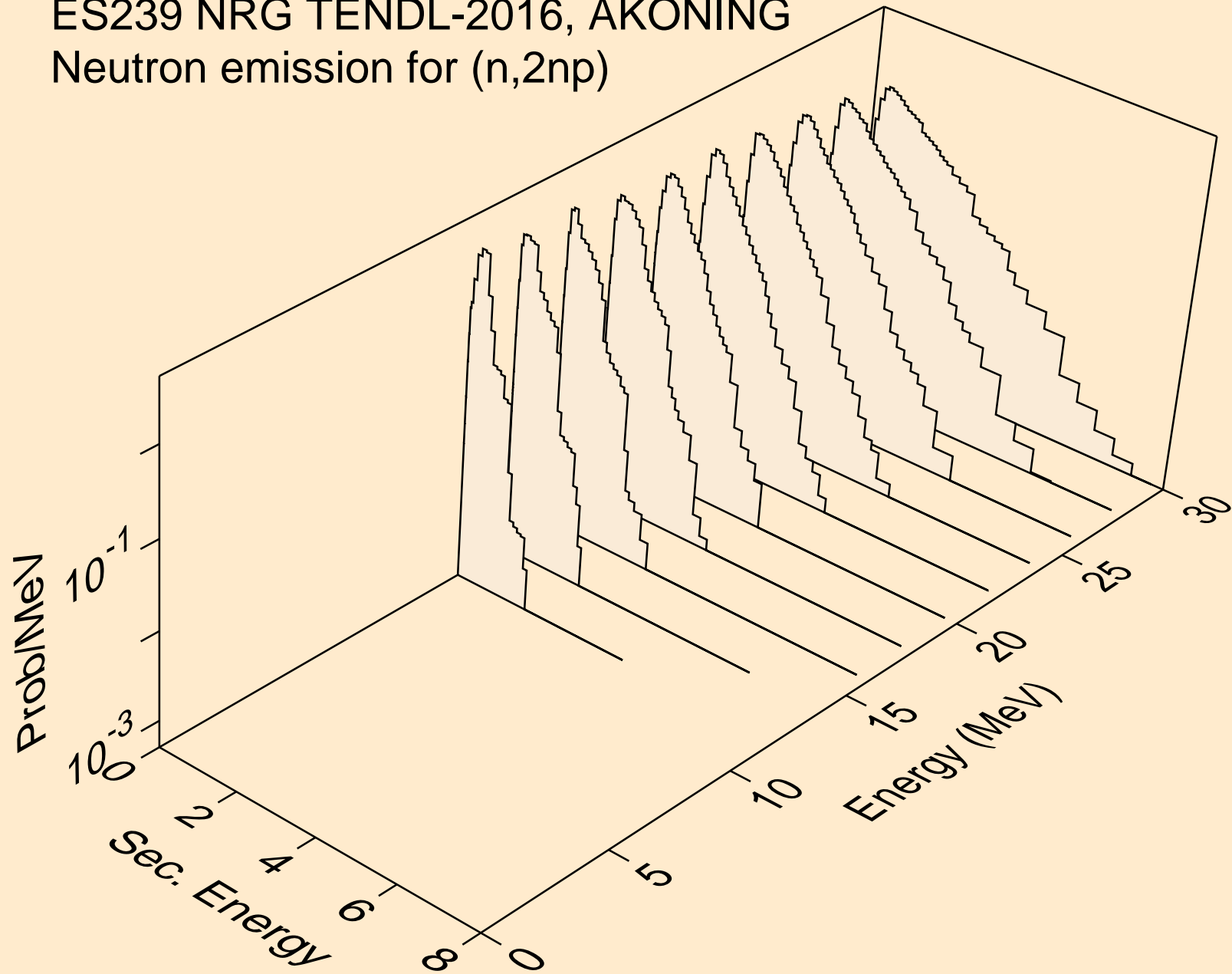
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,2np)



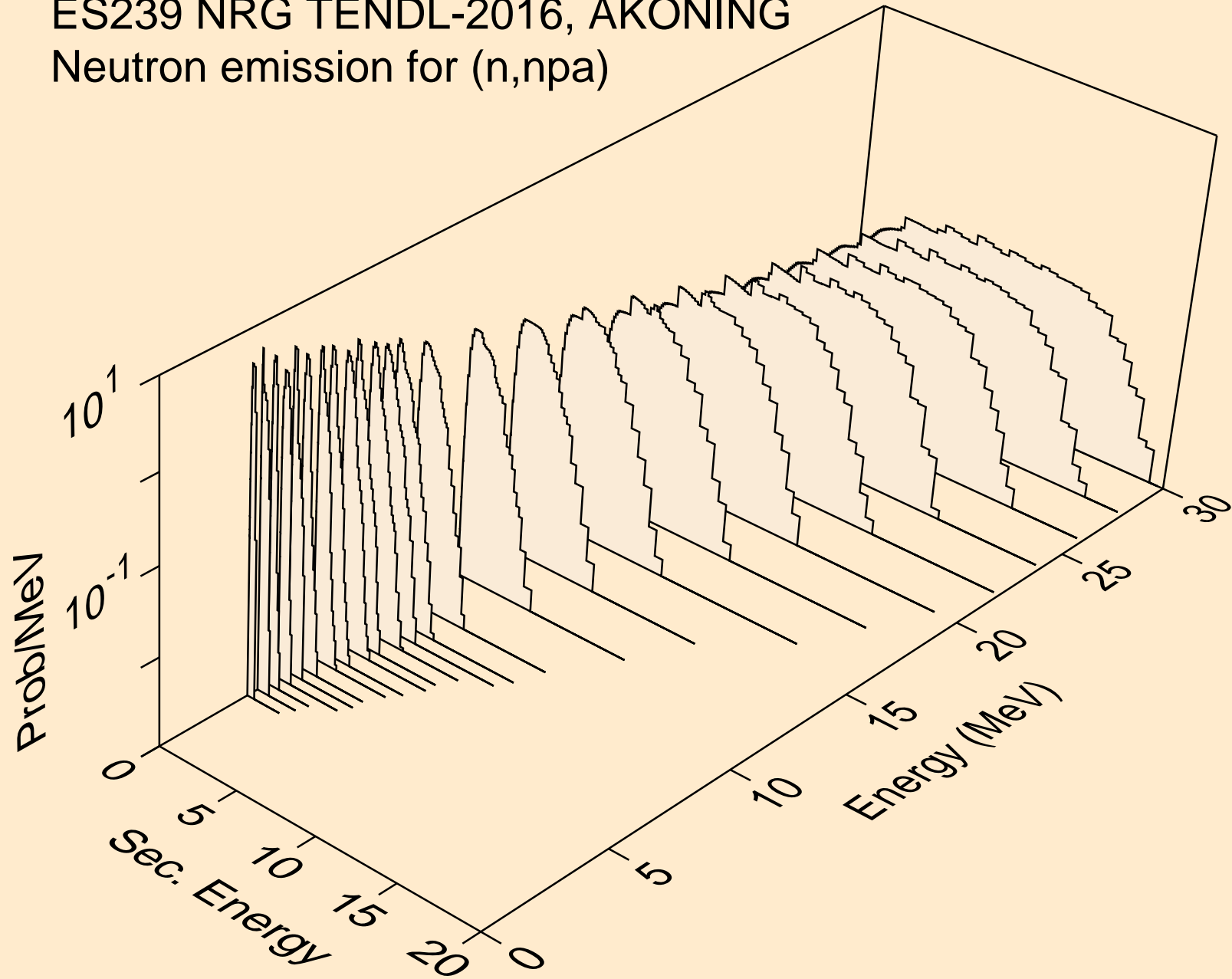
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,3np)



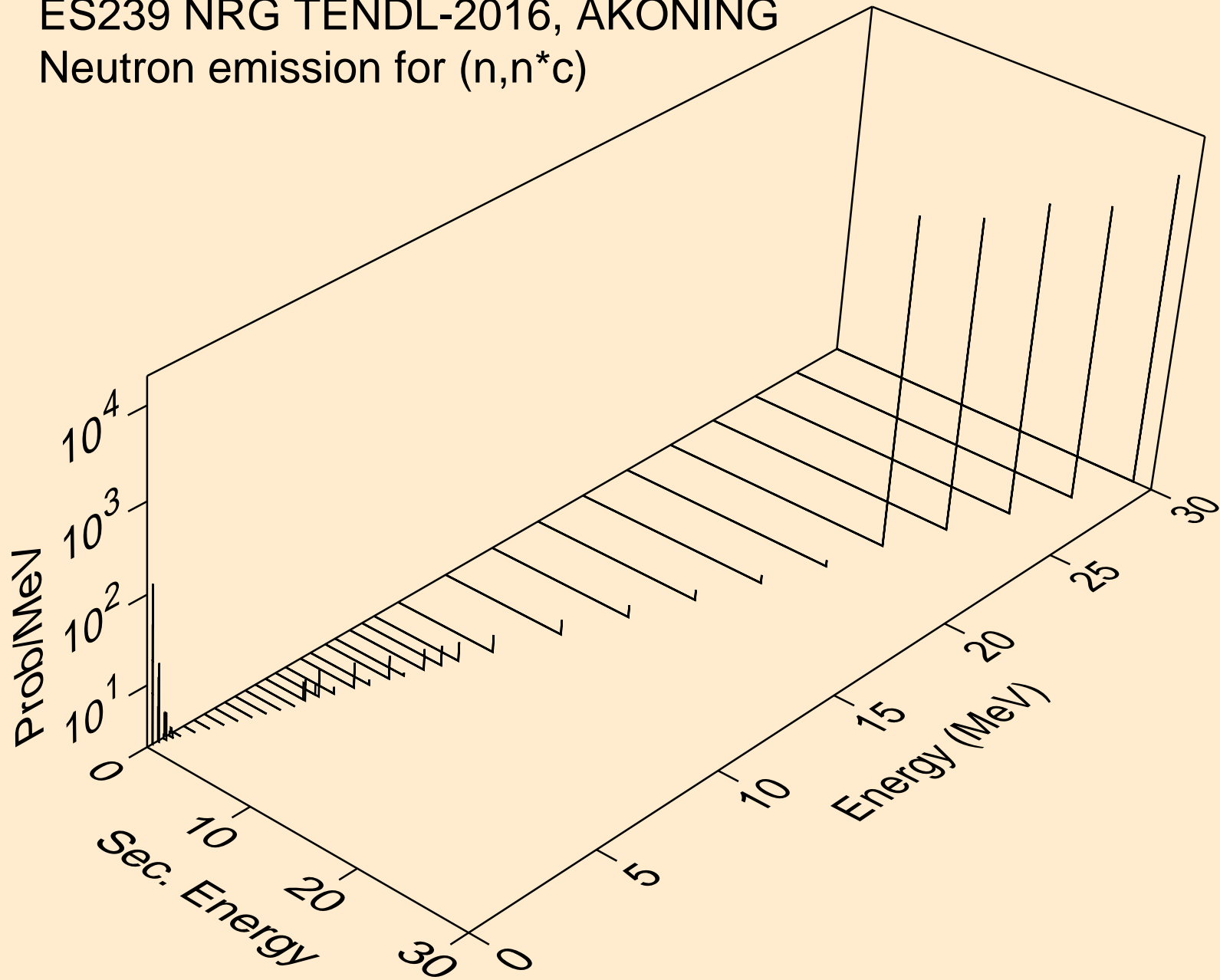
ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,2np)



ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,npa)

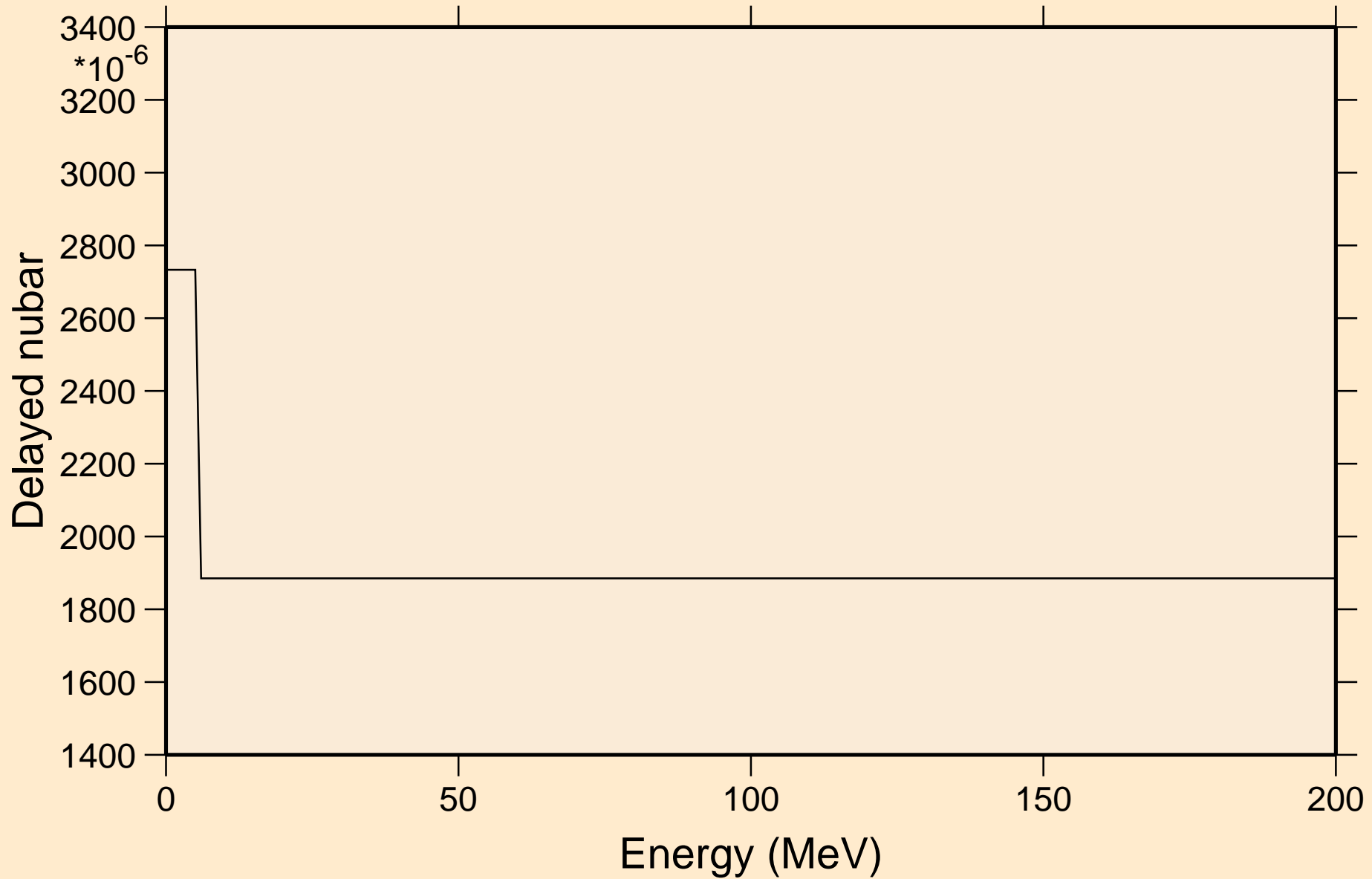


ES239 NRG TENDL-2016, AKONING
Neutron emission for (n,n*c)



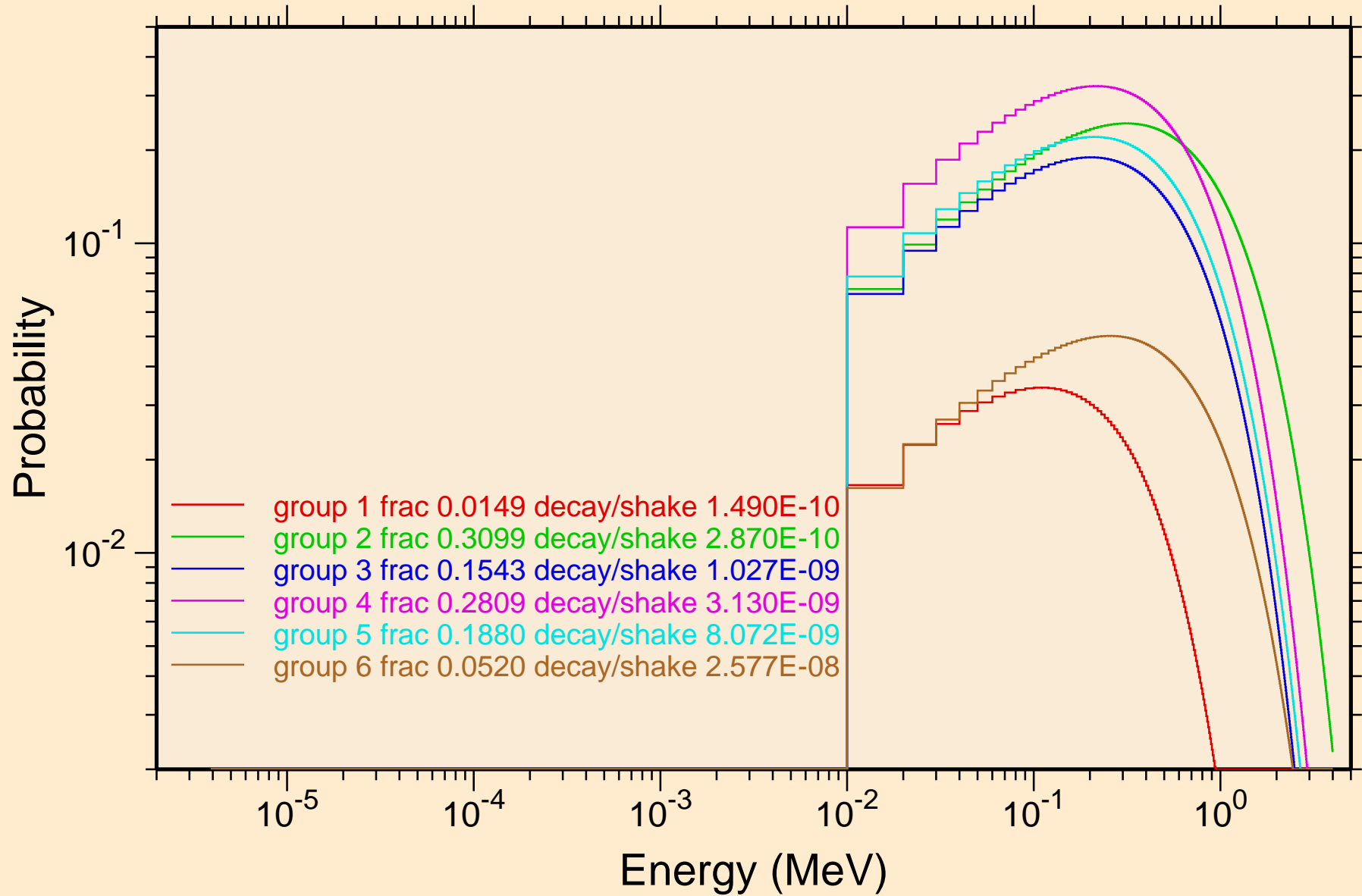
ES239 NRG TENDL-2016, AKONING

Delayed nubar

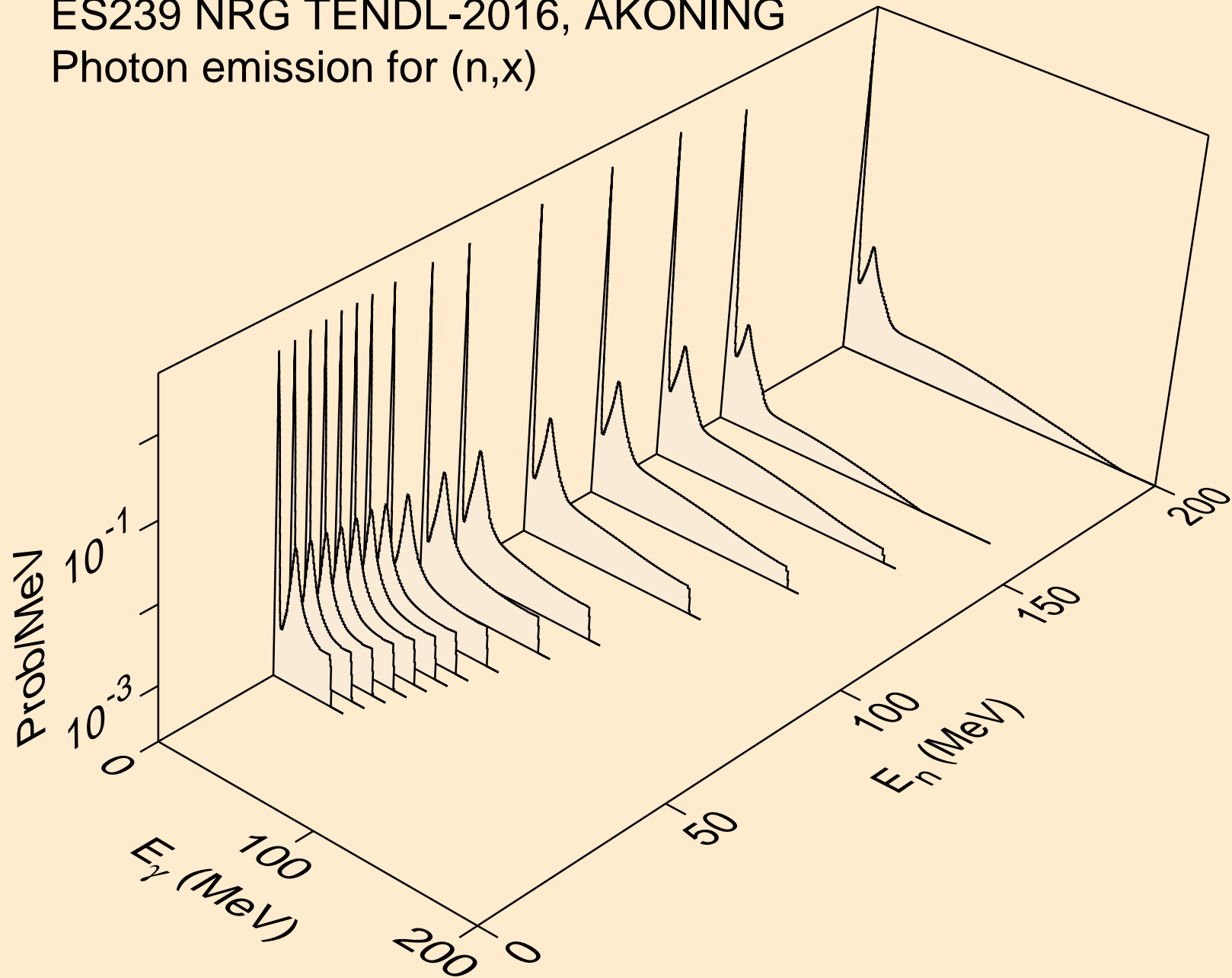


ES239 NRG TENDL-2016, AKONING

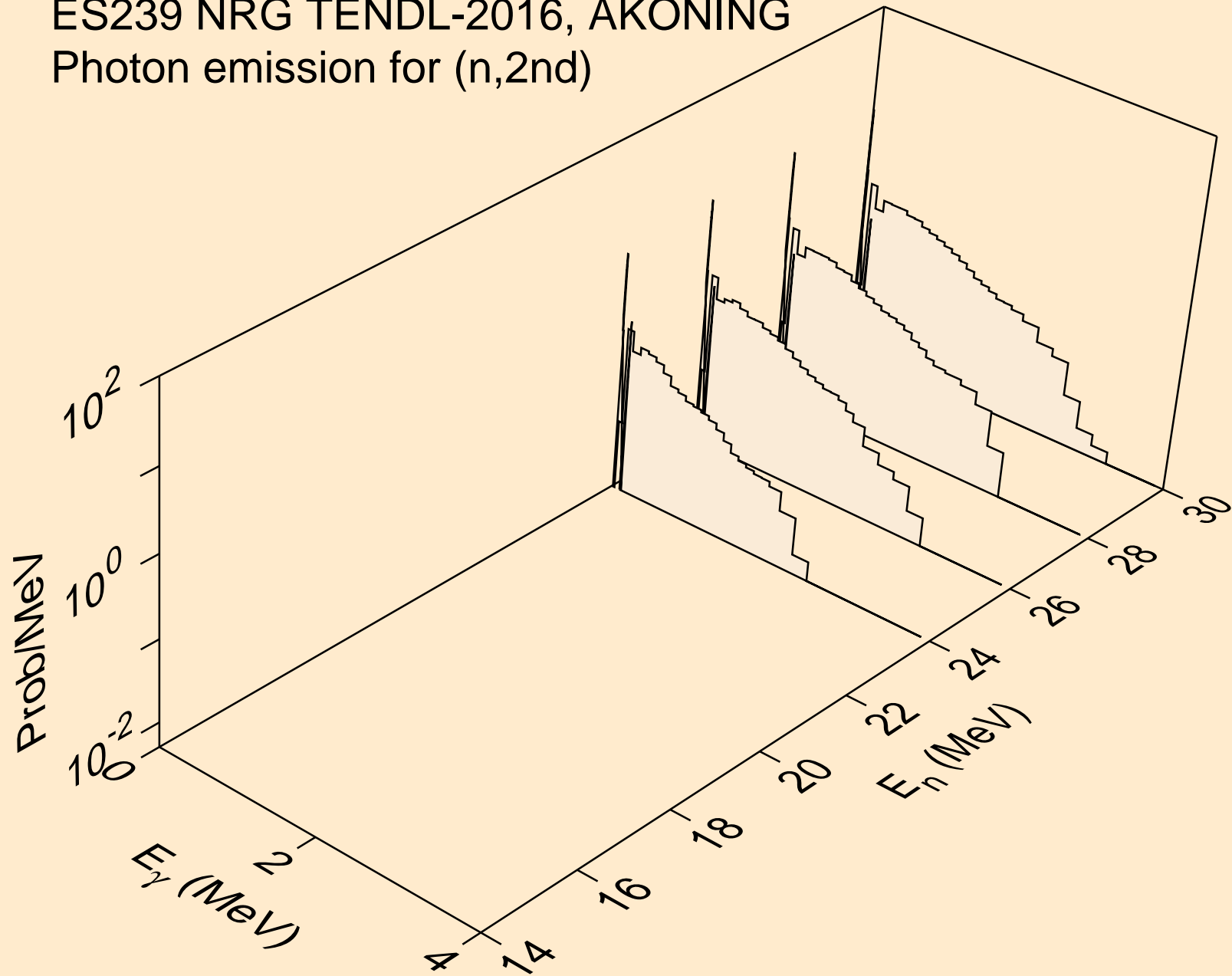
Delayed neutron spectra



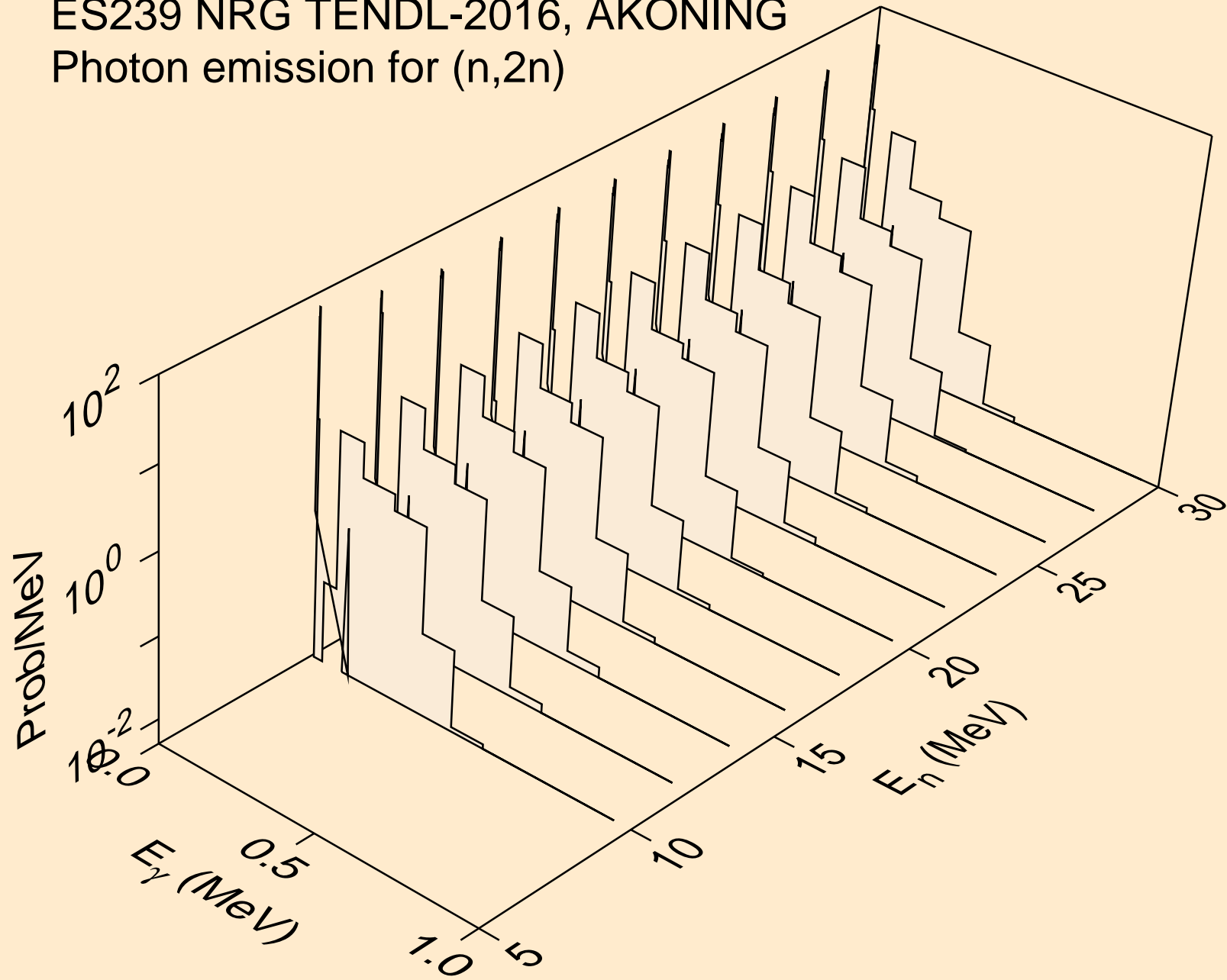
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,x)



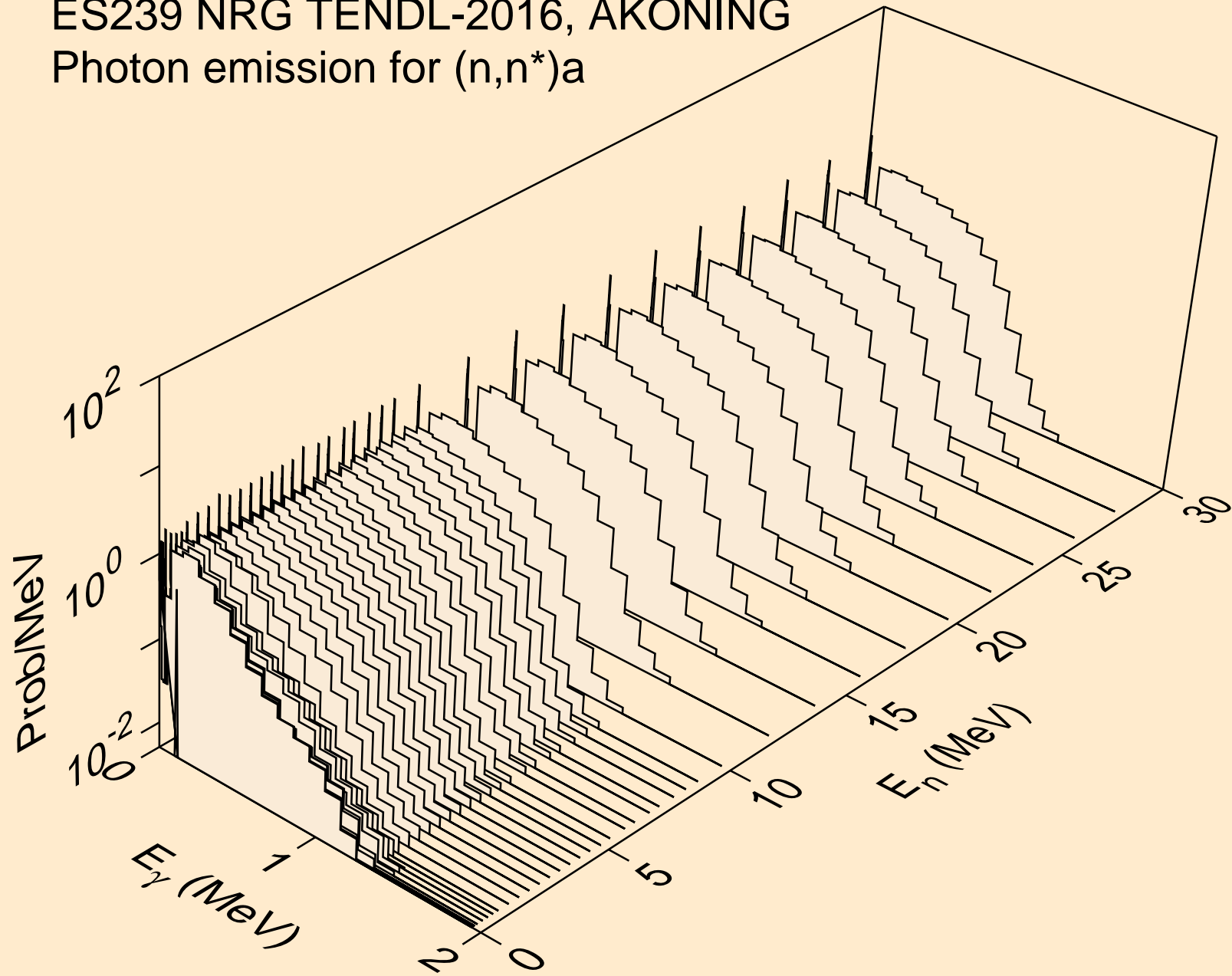
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,2nd)



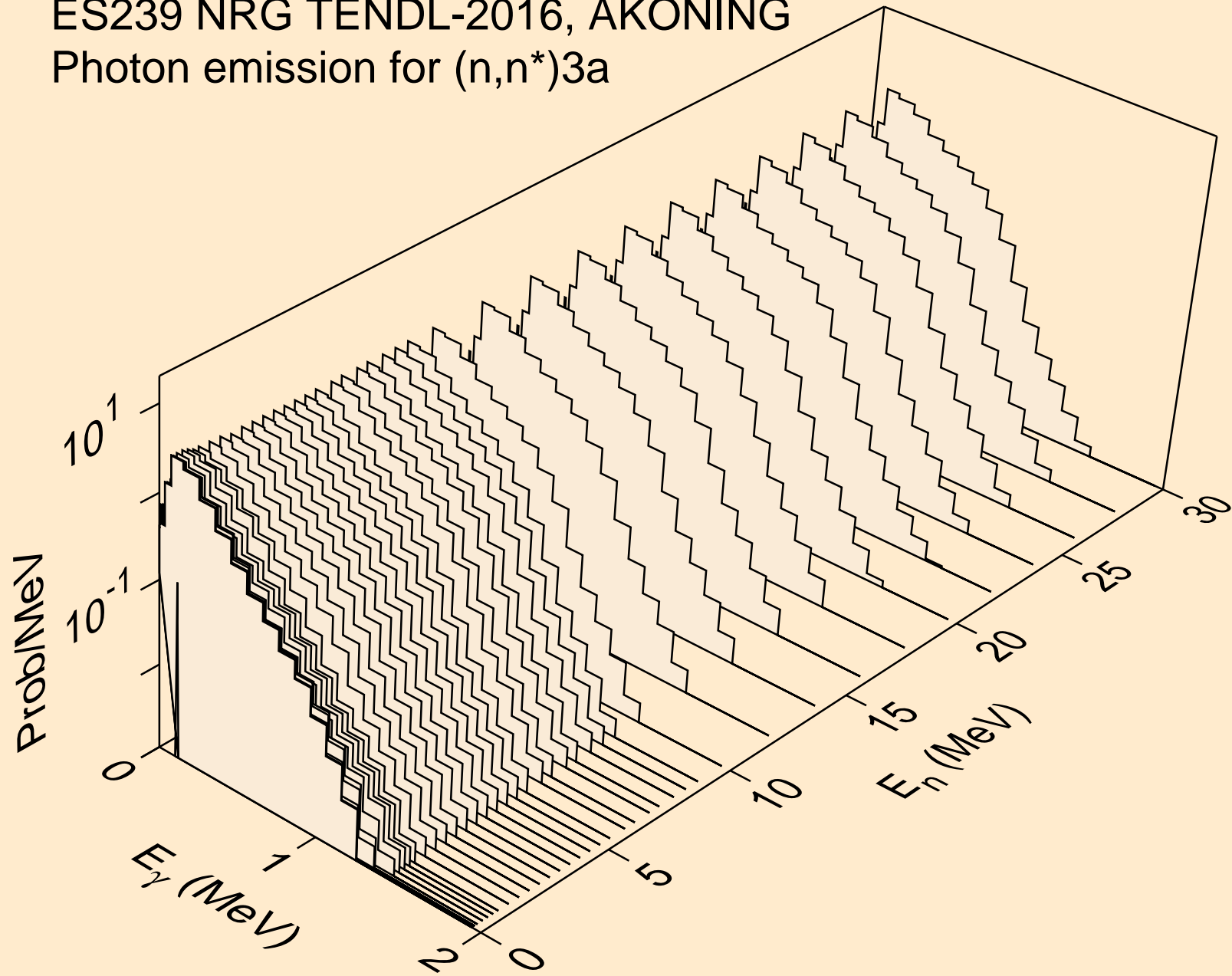
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,2n)



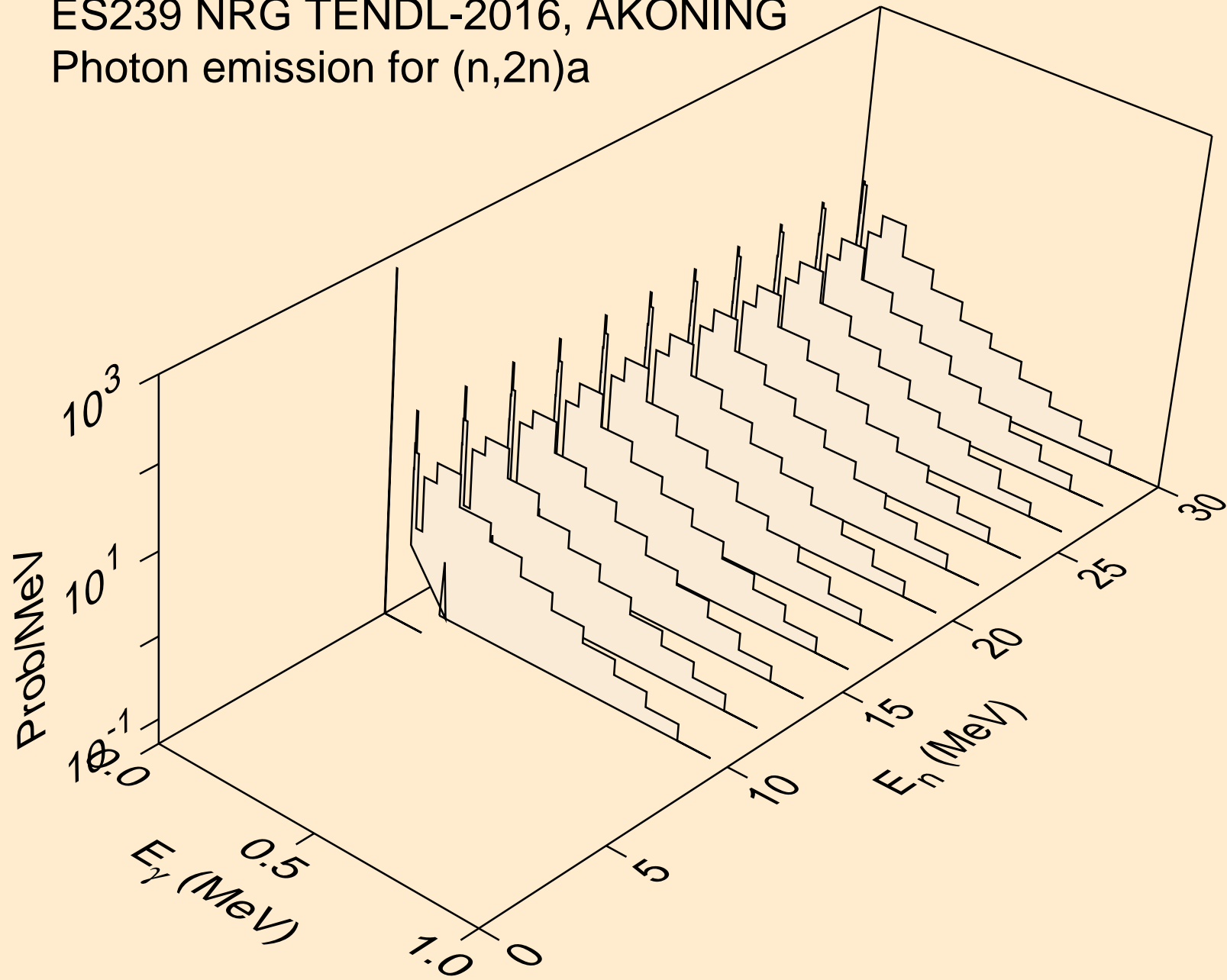
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,n*)a



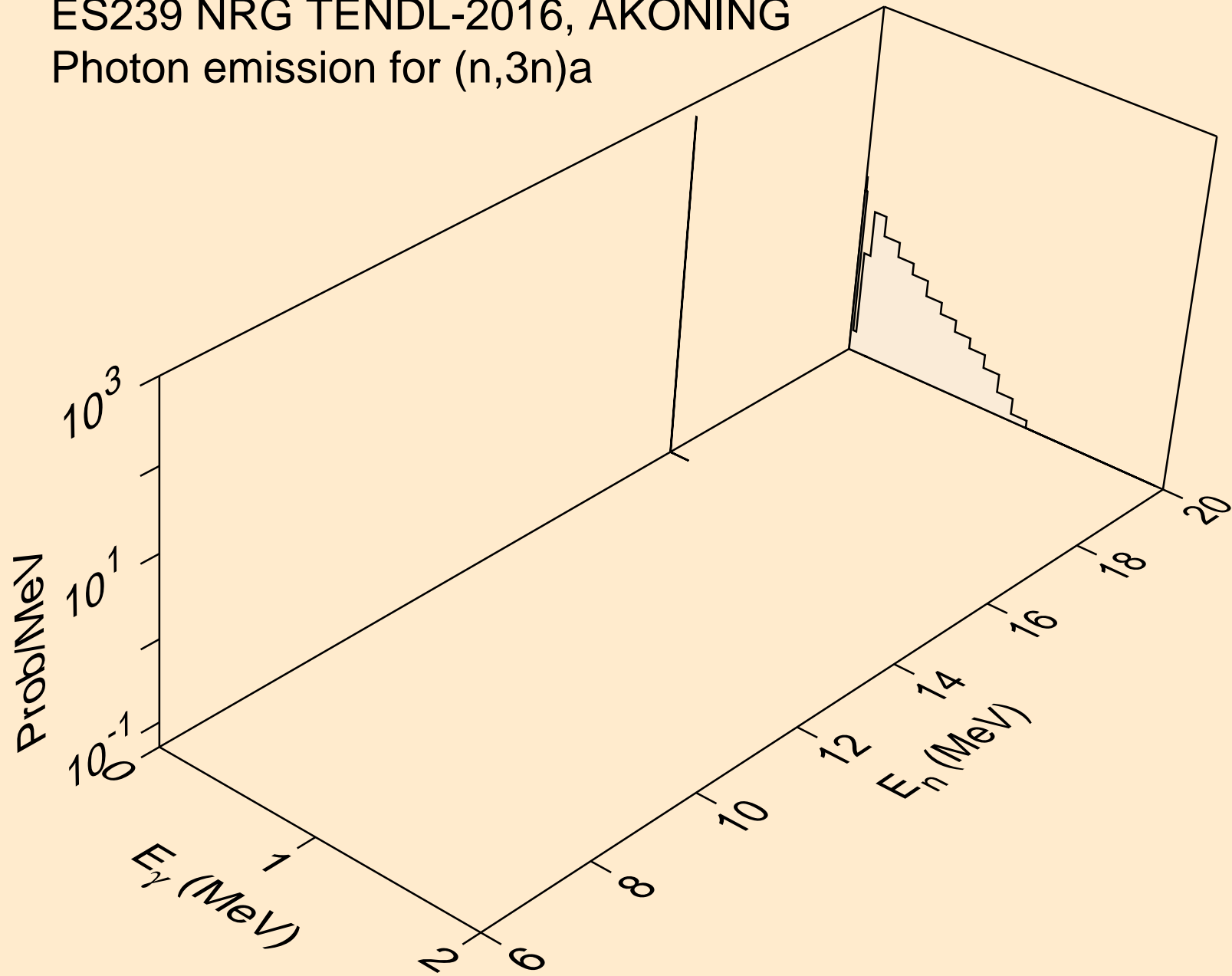
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,n*)3a



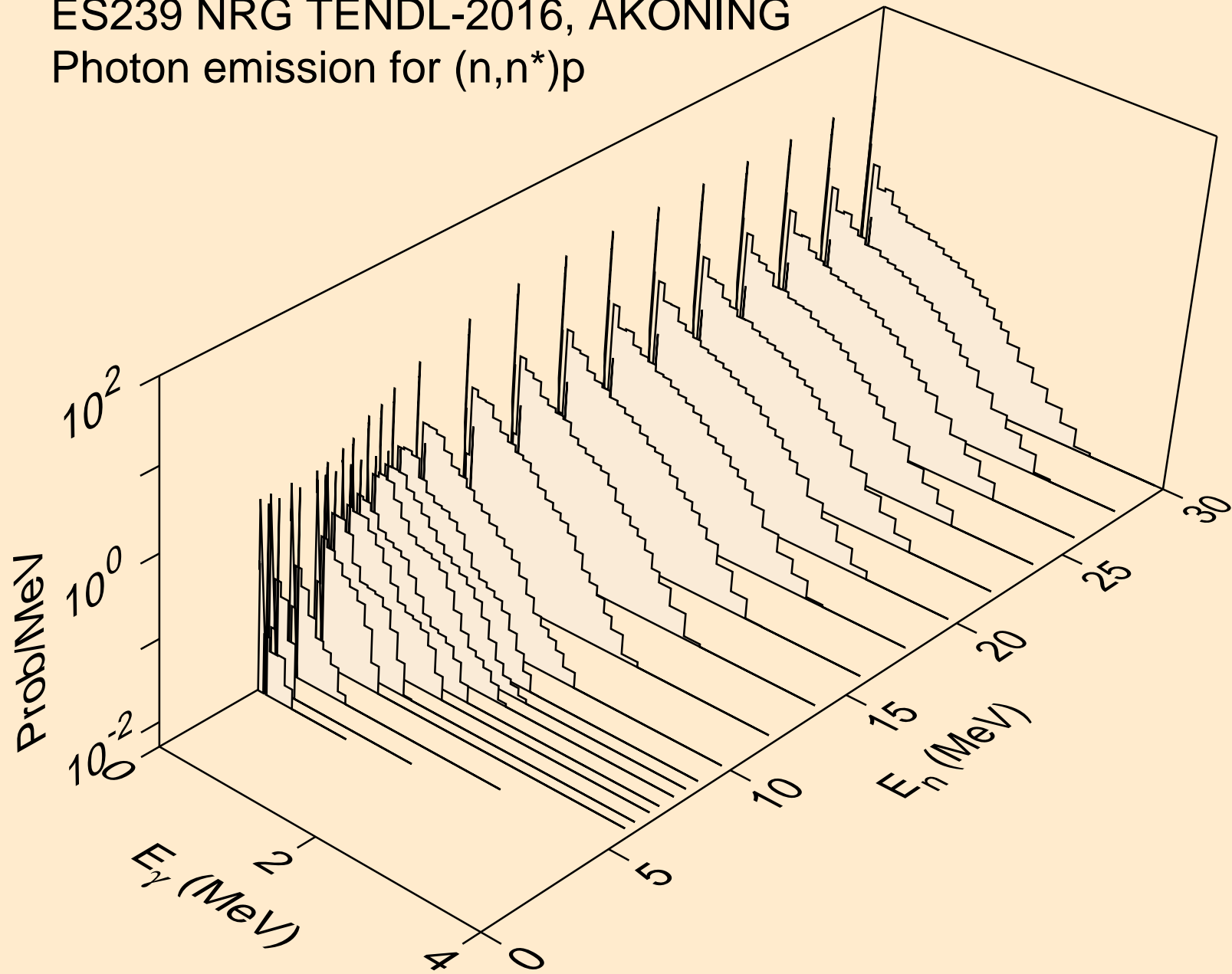
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,2n)a



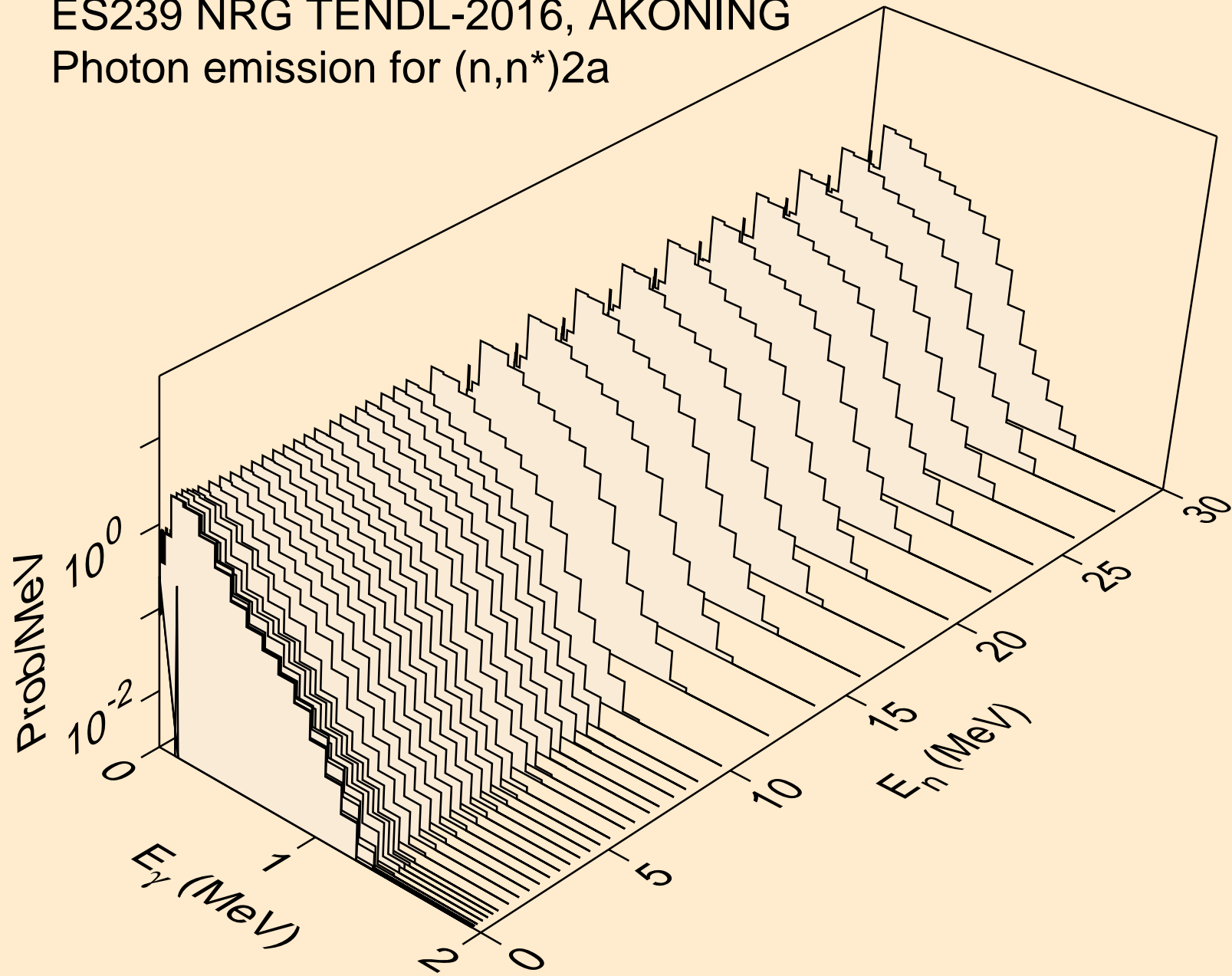
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,3n)a



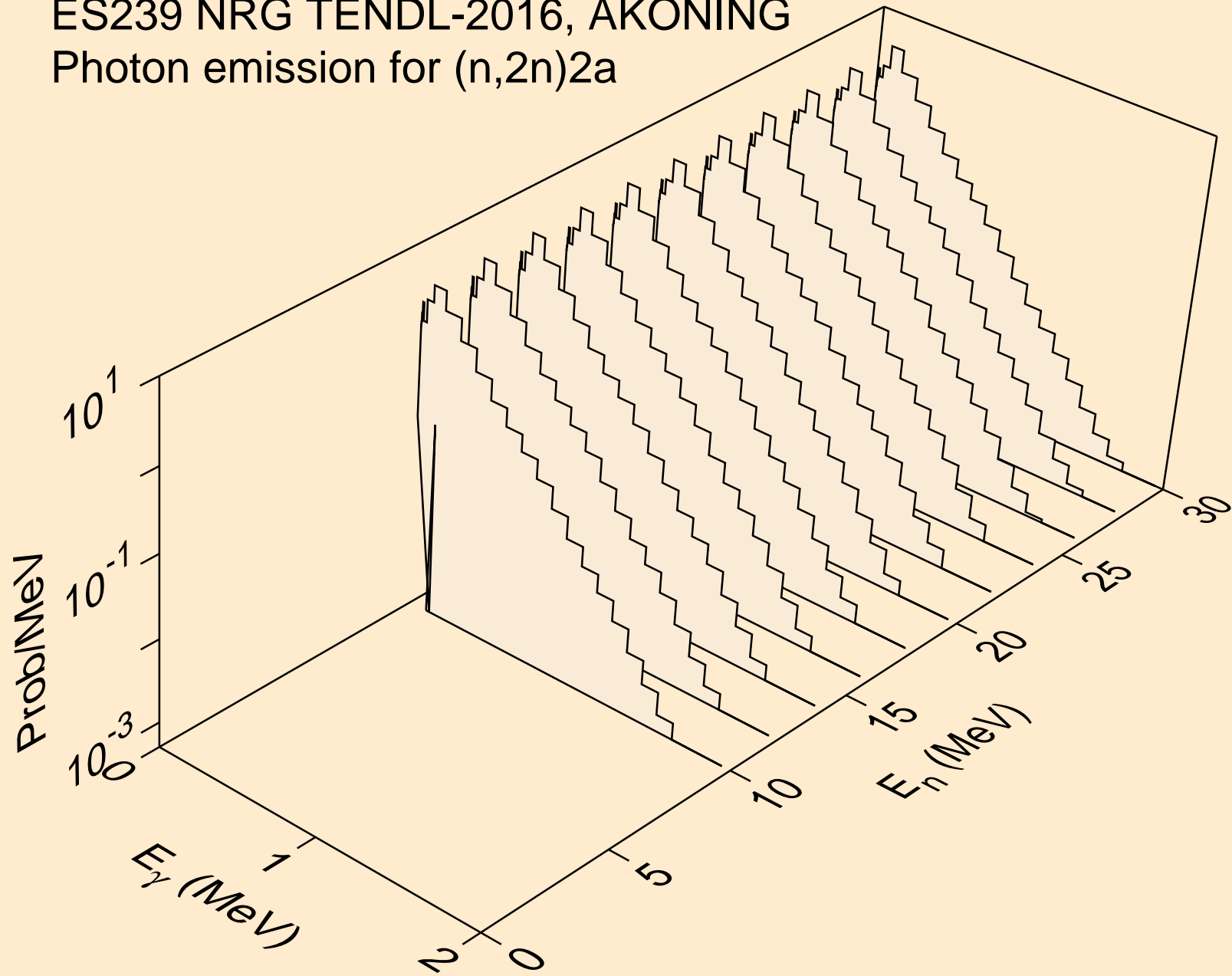
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,n*)p



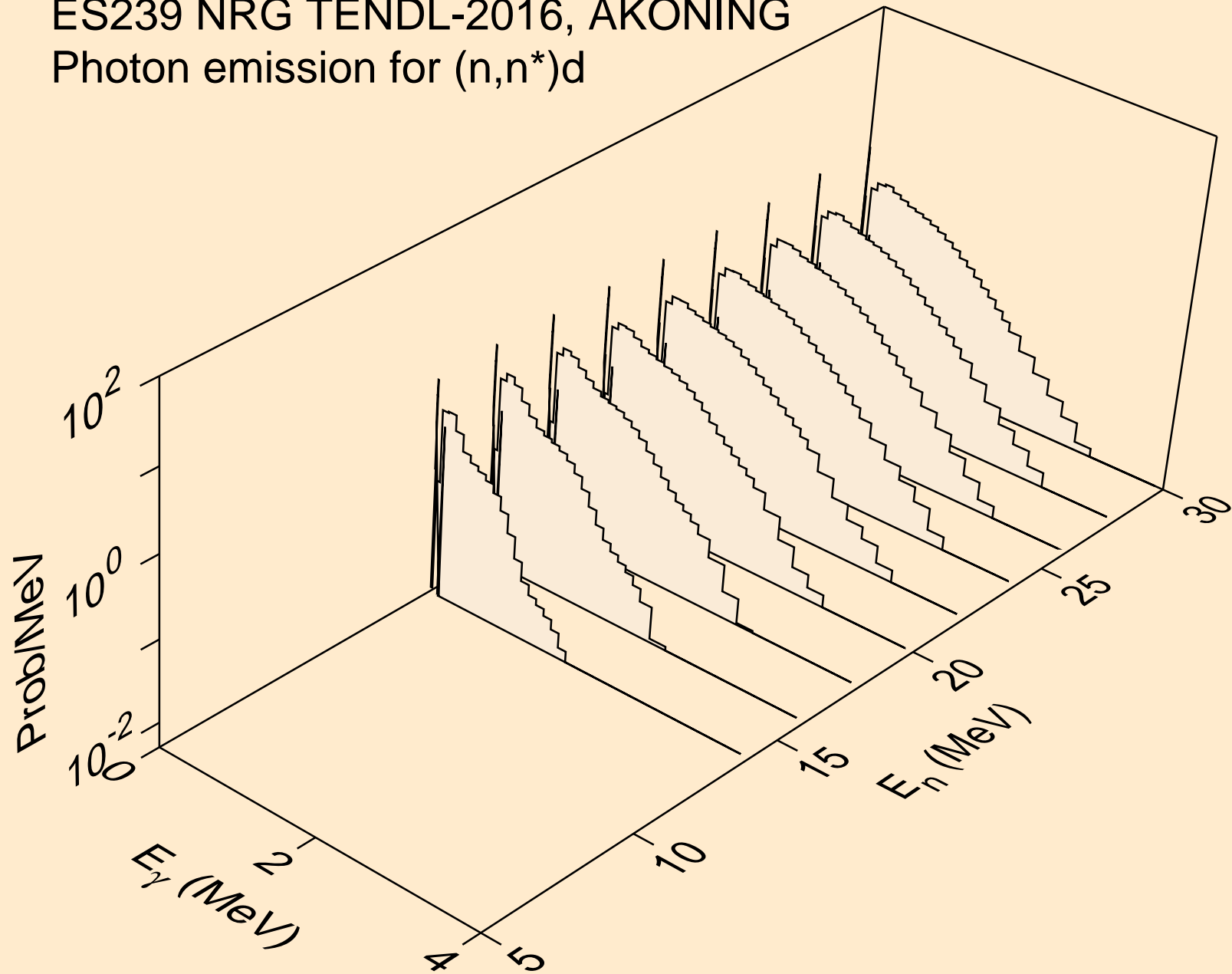
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,n*)2a



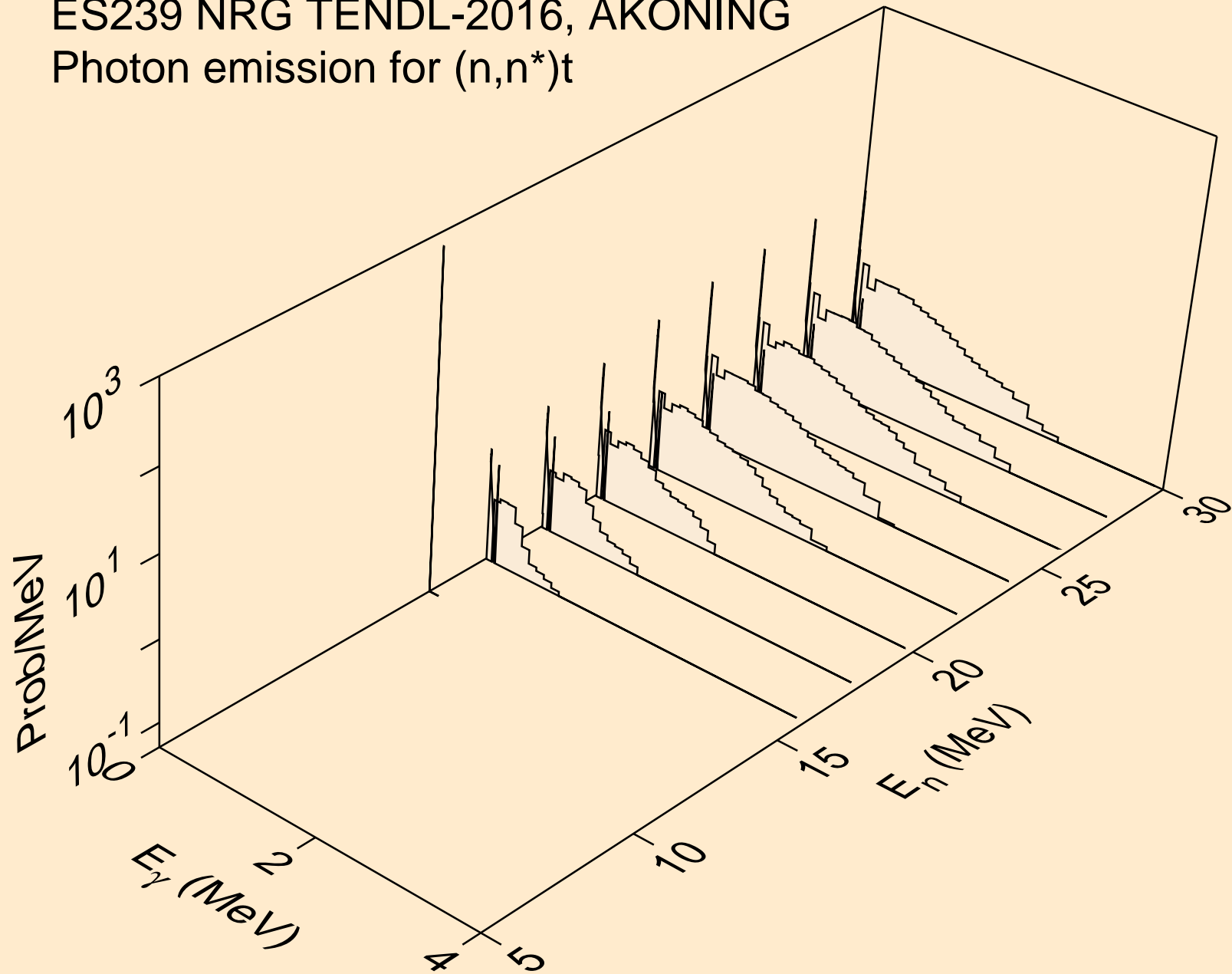
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,2n)2a



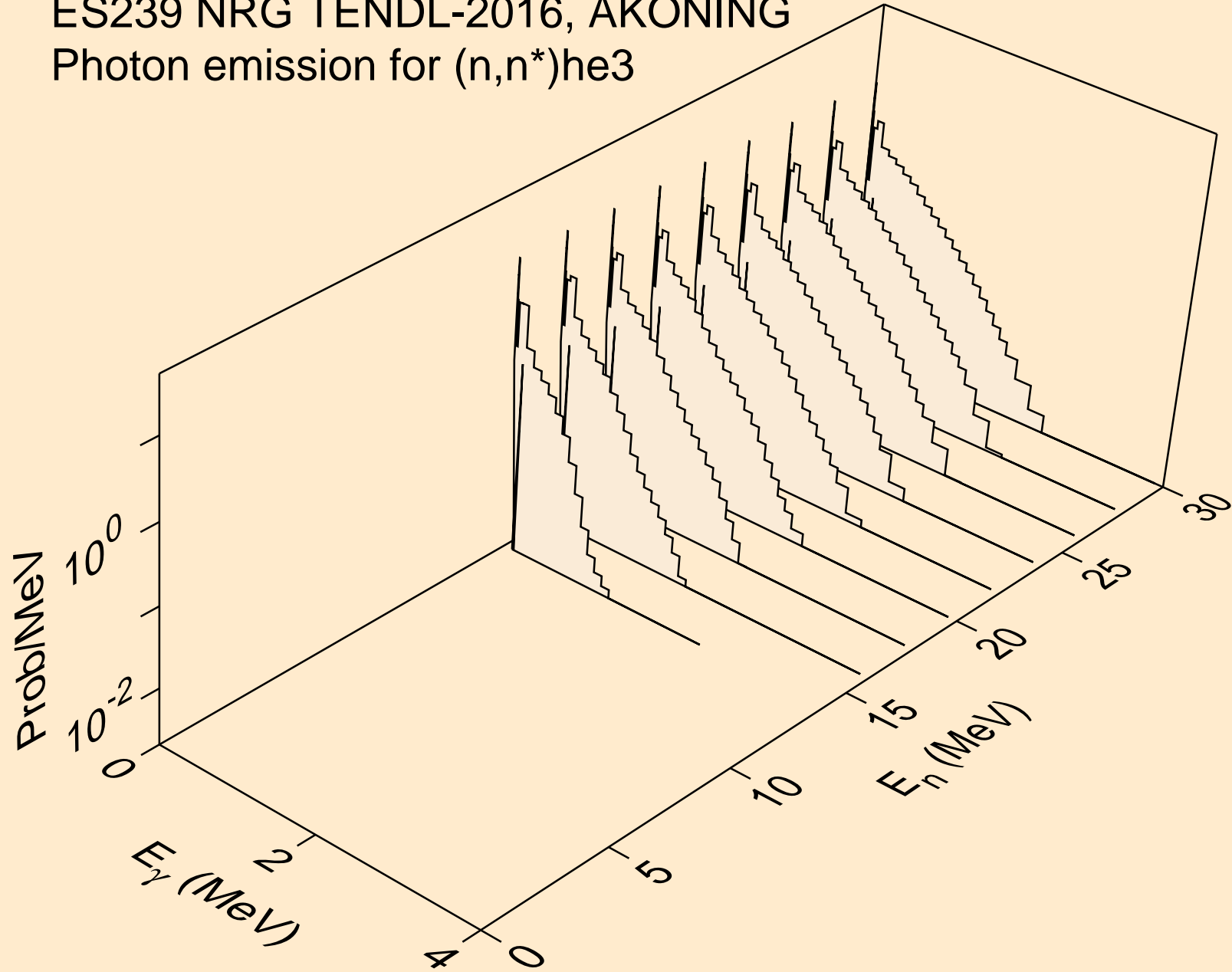
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,n*)d



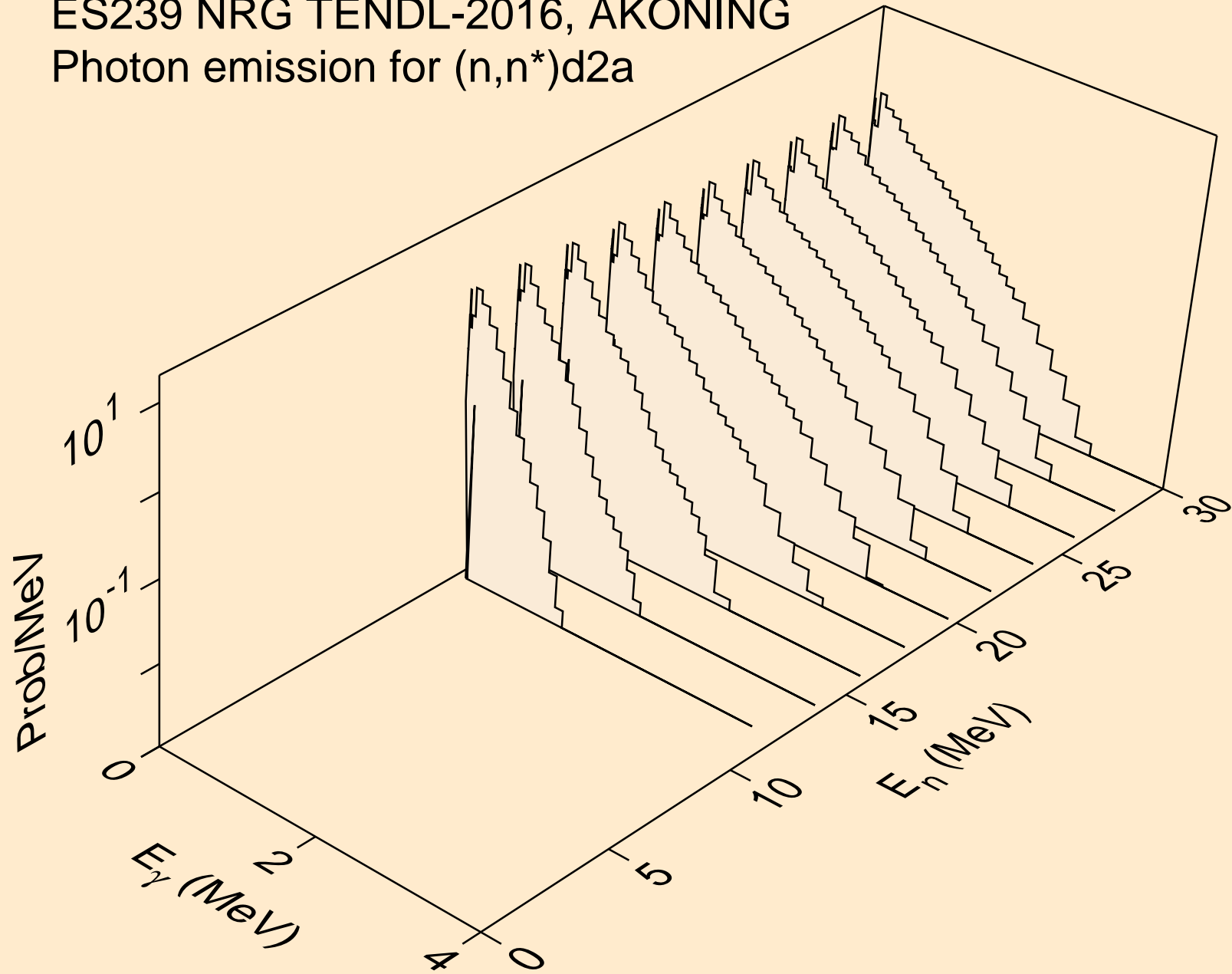
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,n*)t



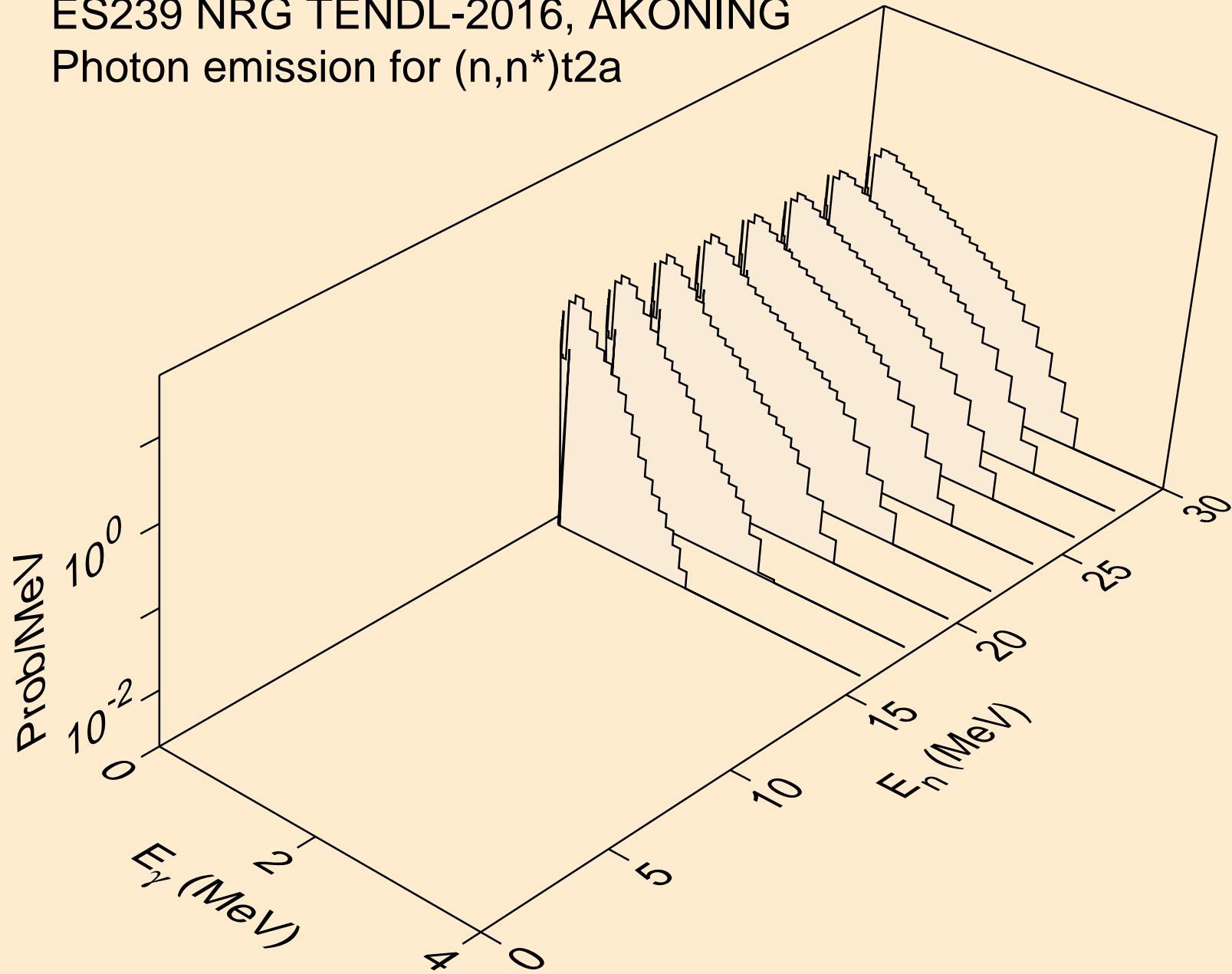
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,n*)he3



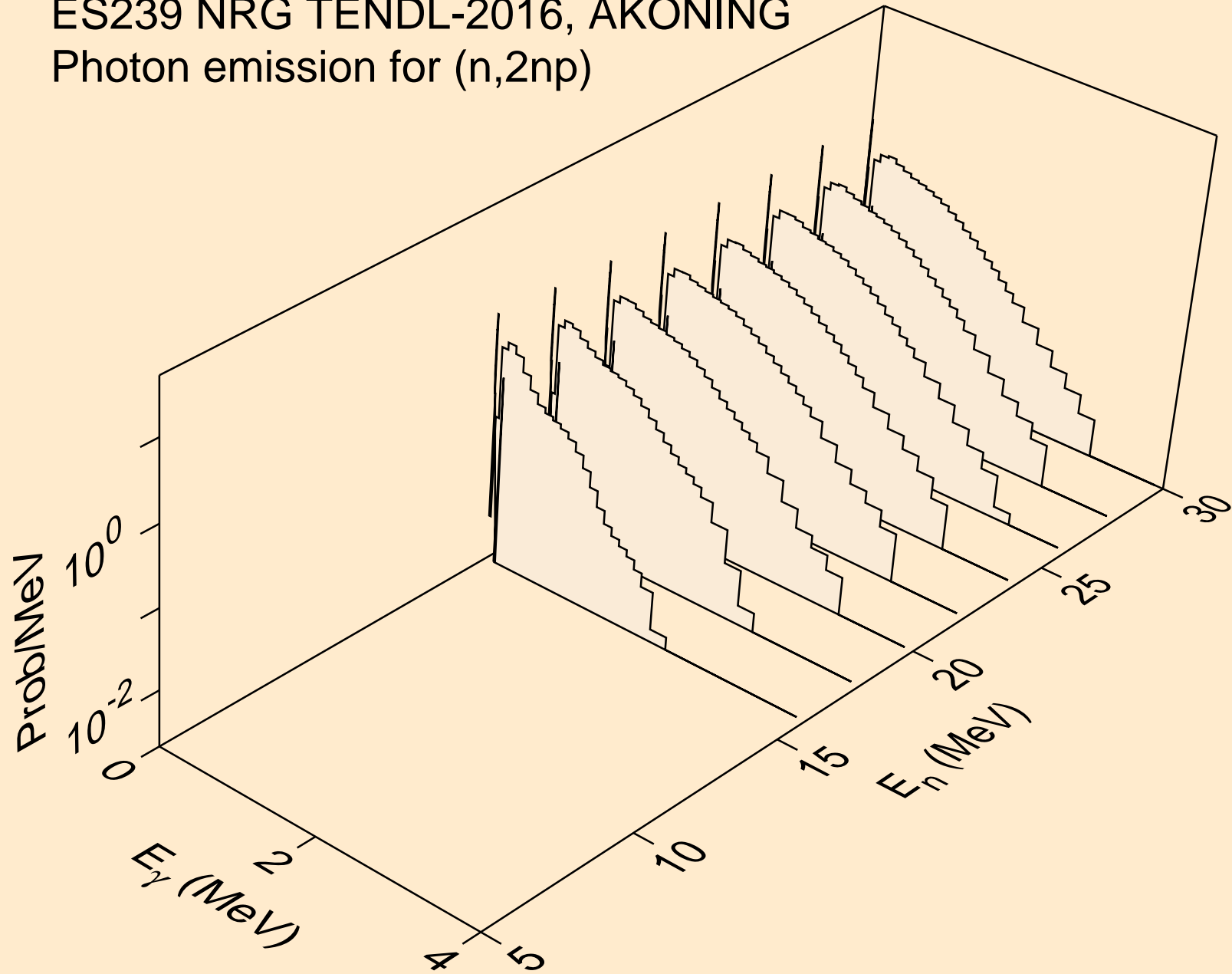
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,n*)d2a



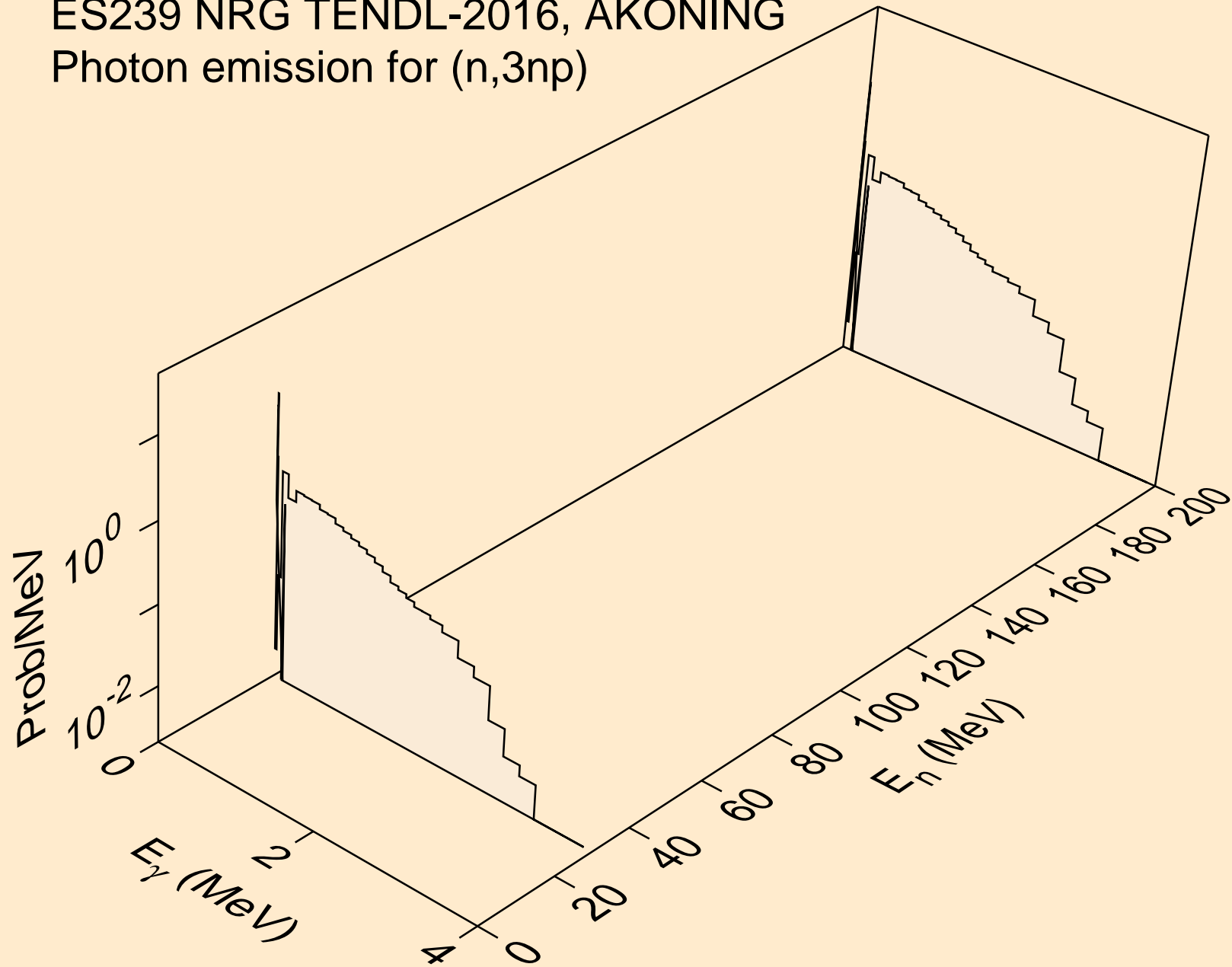
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,n*)t2a



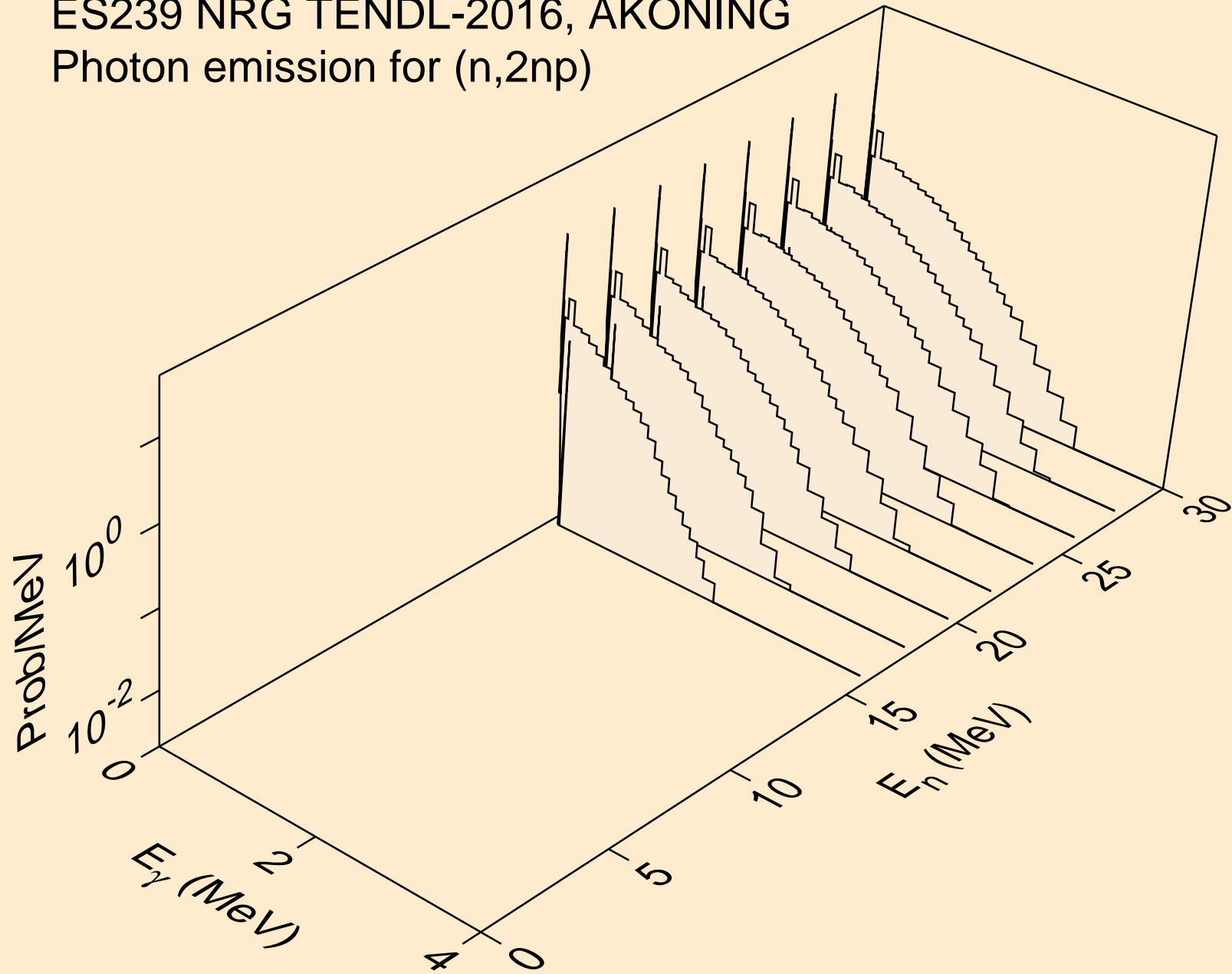
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,2np)



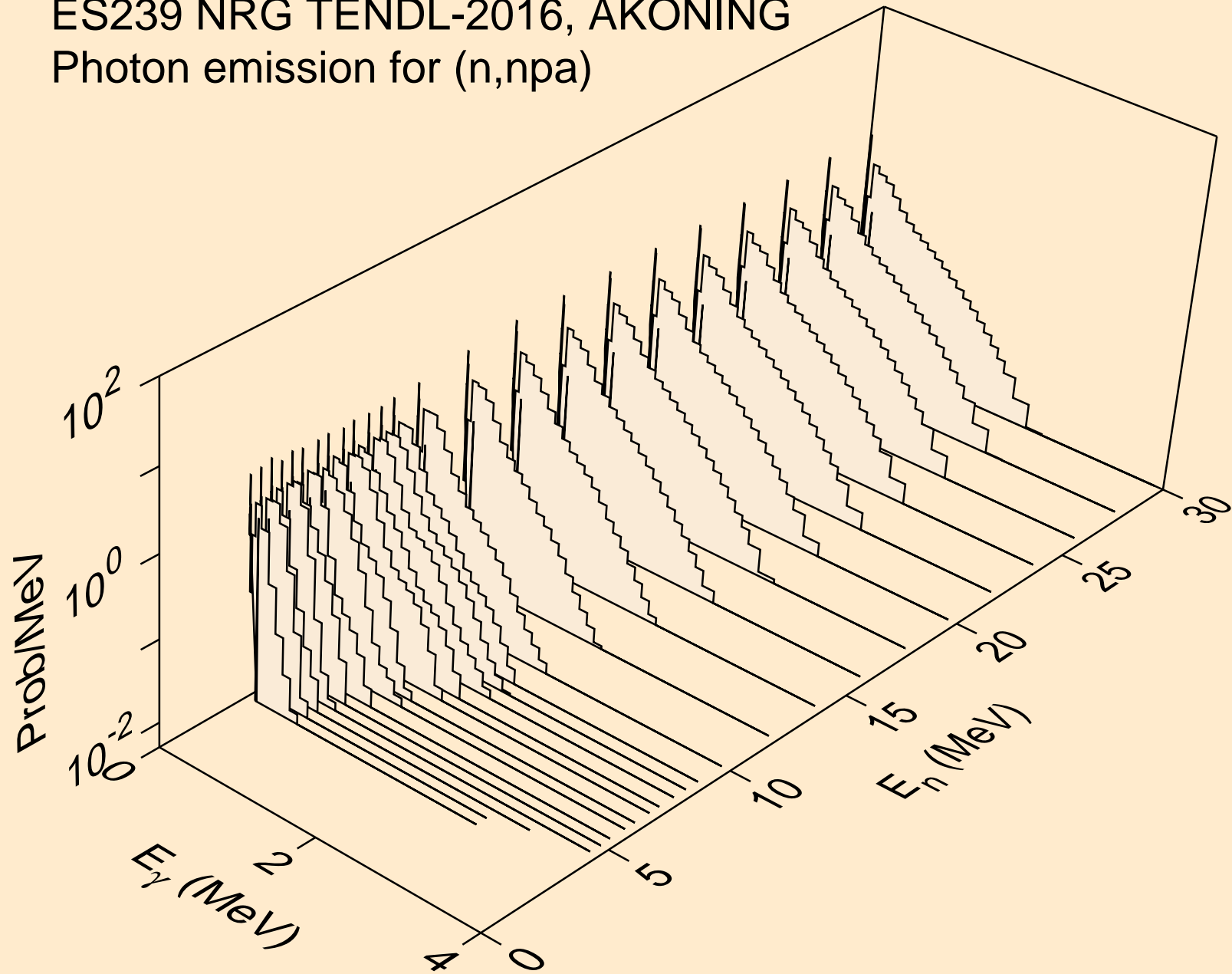
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,3np)



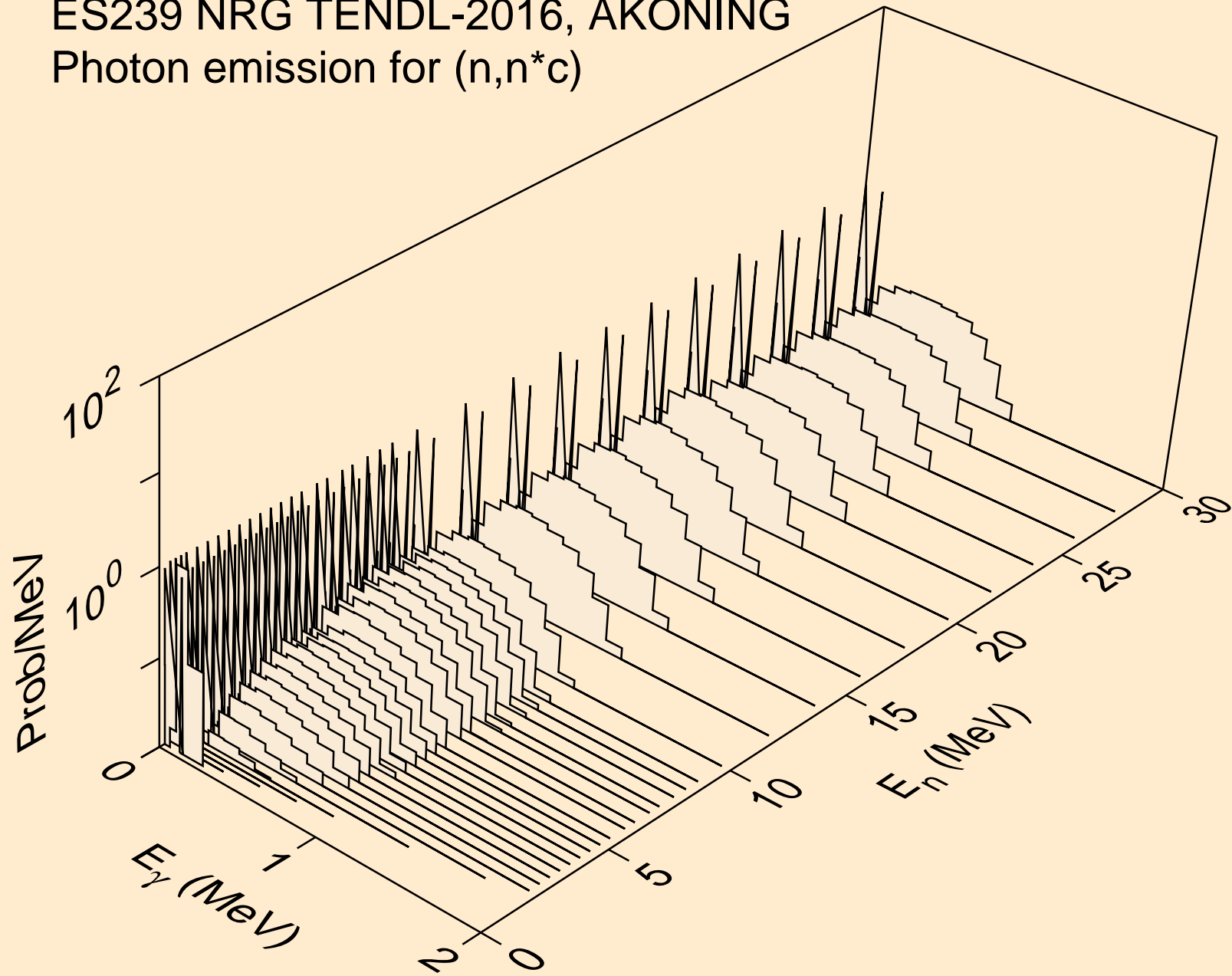
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,2np)



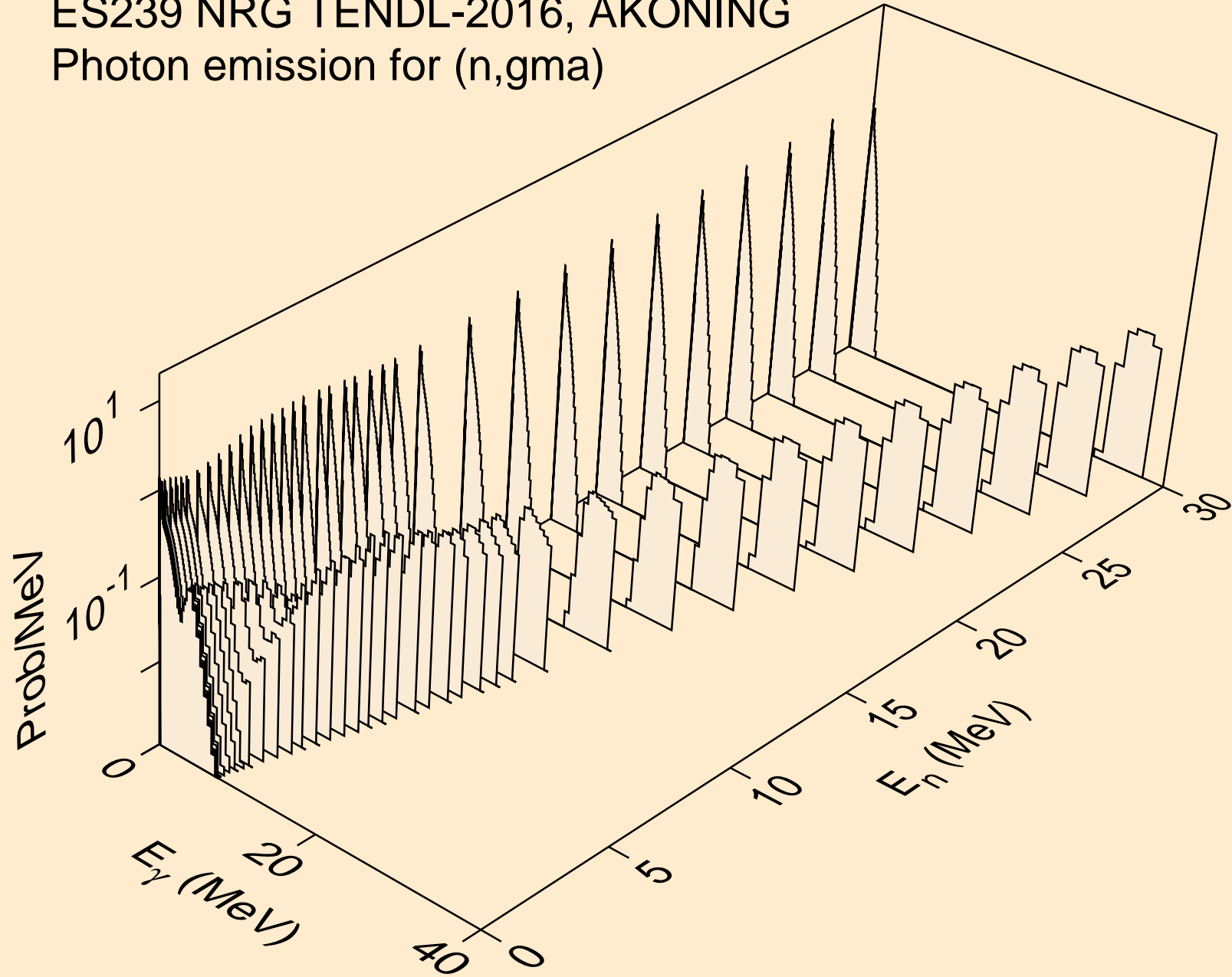
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,npa)



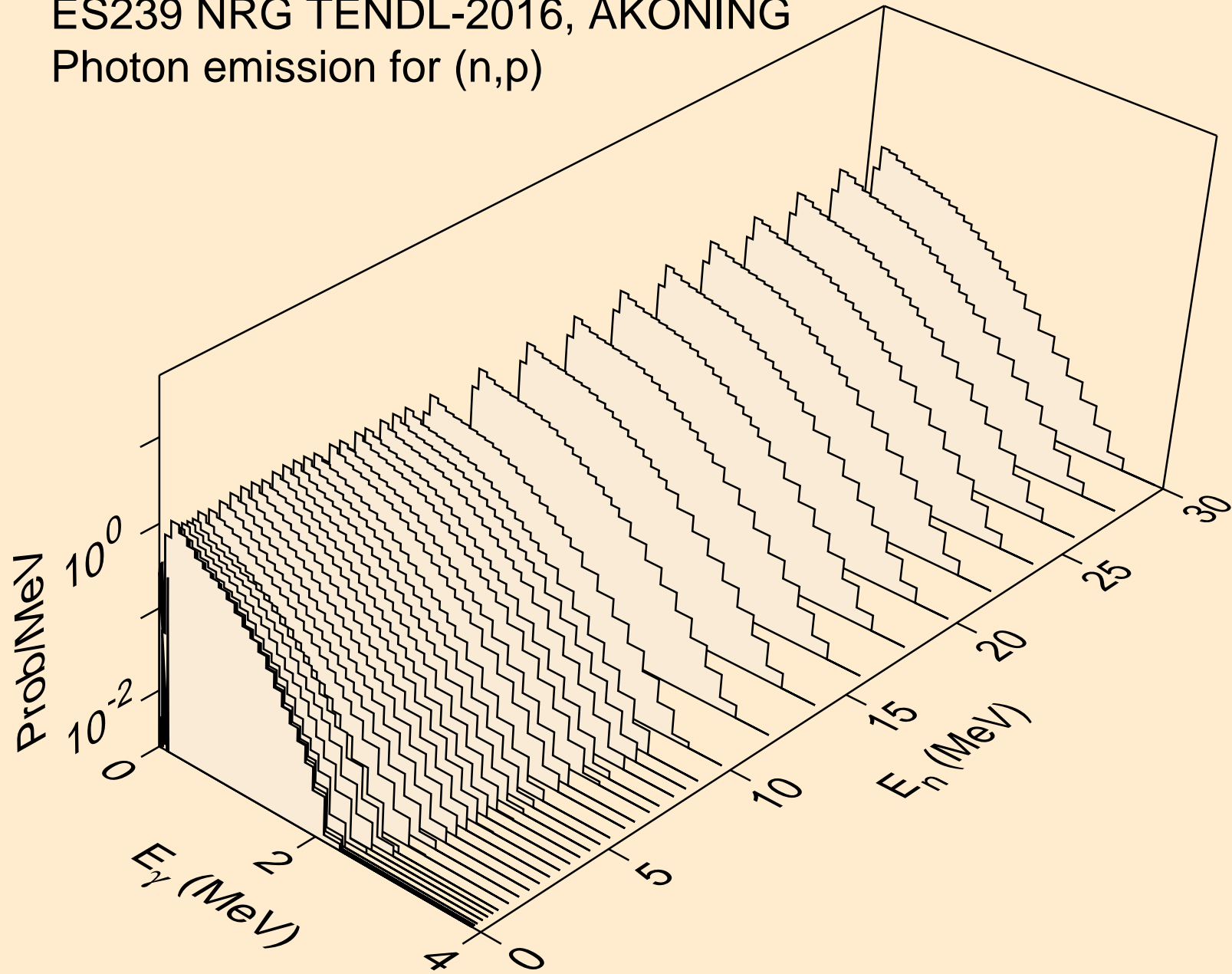
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,n*c)



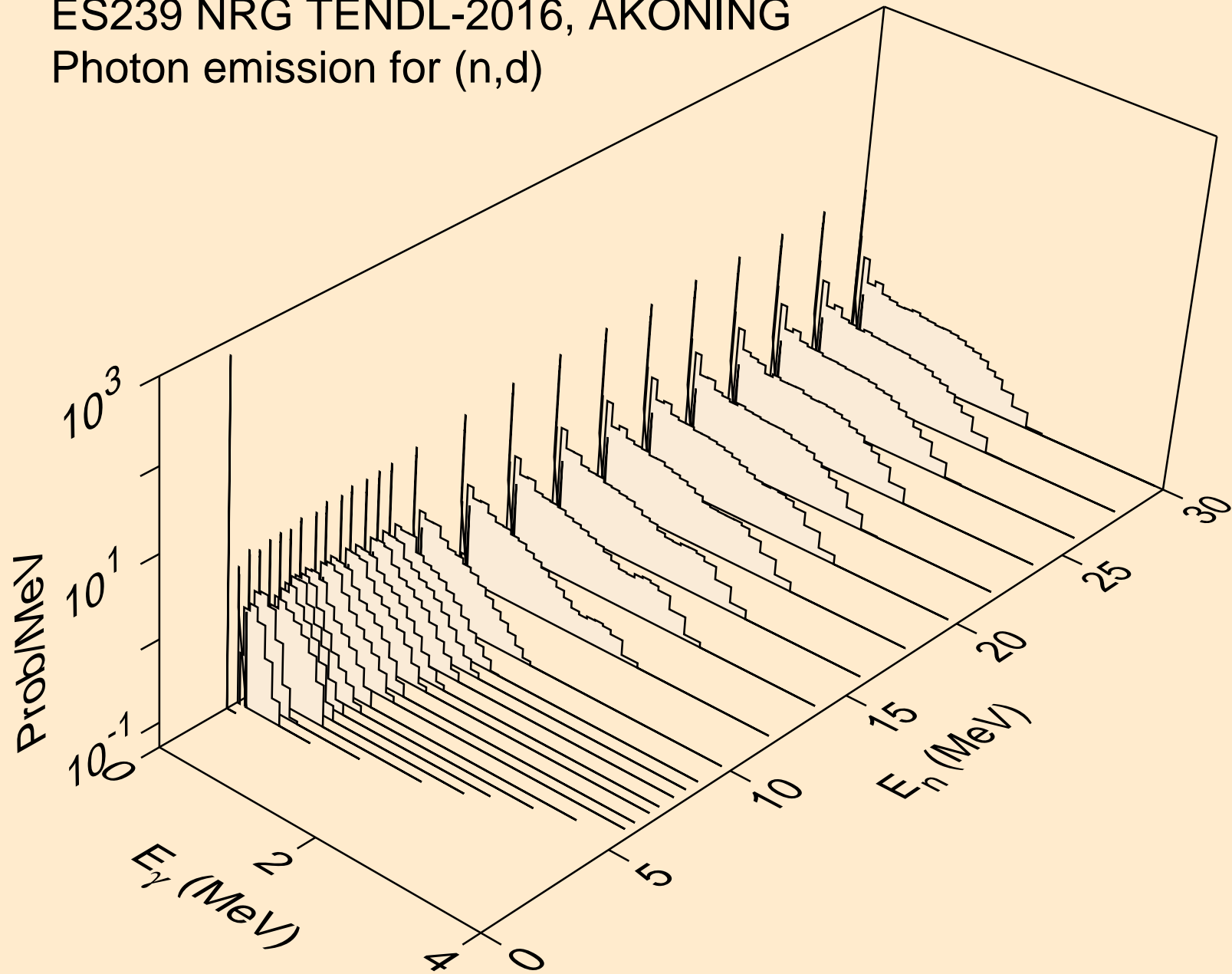
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,gma)



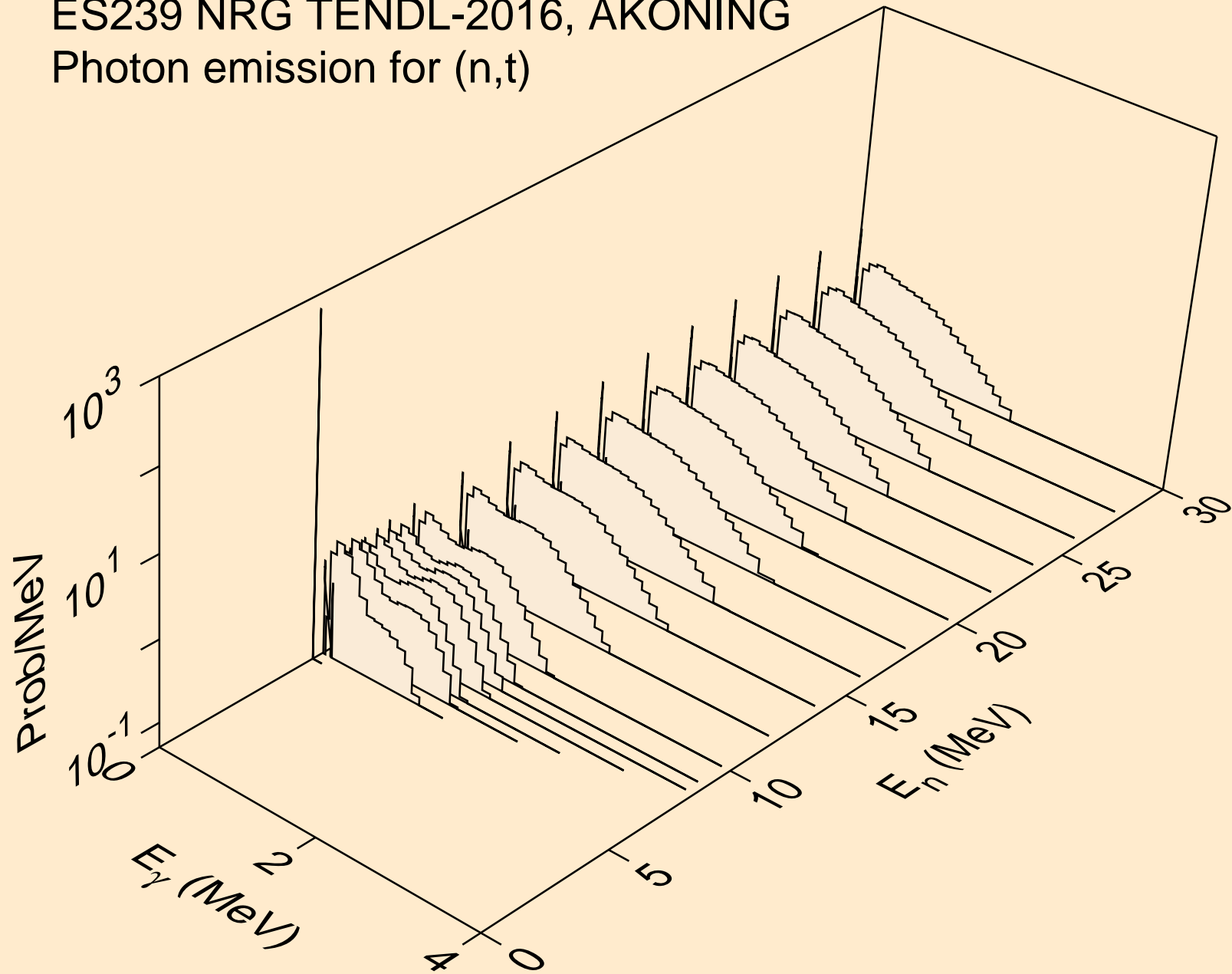
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,p)



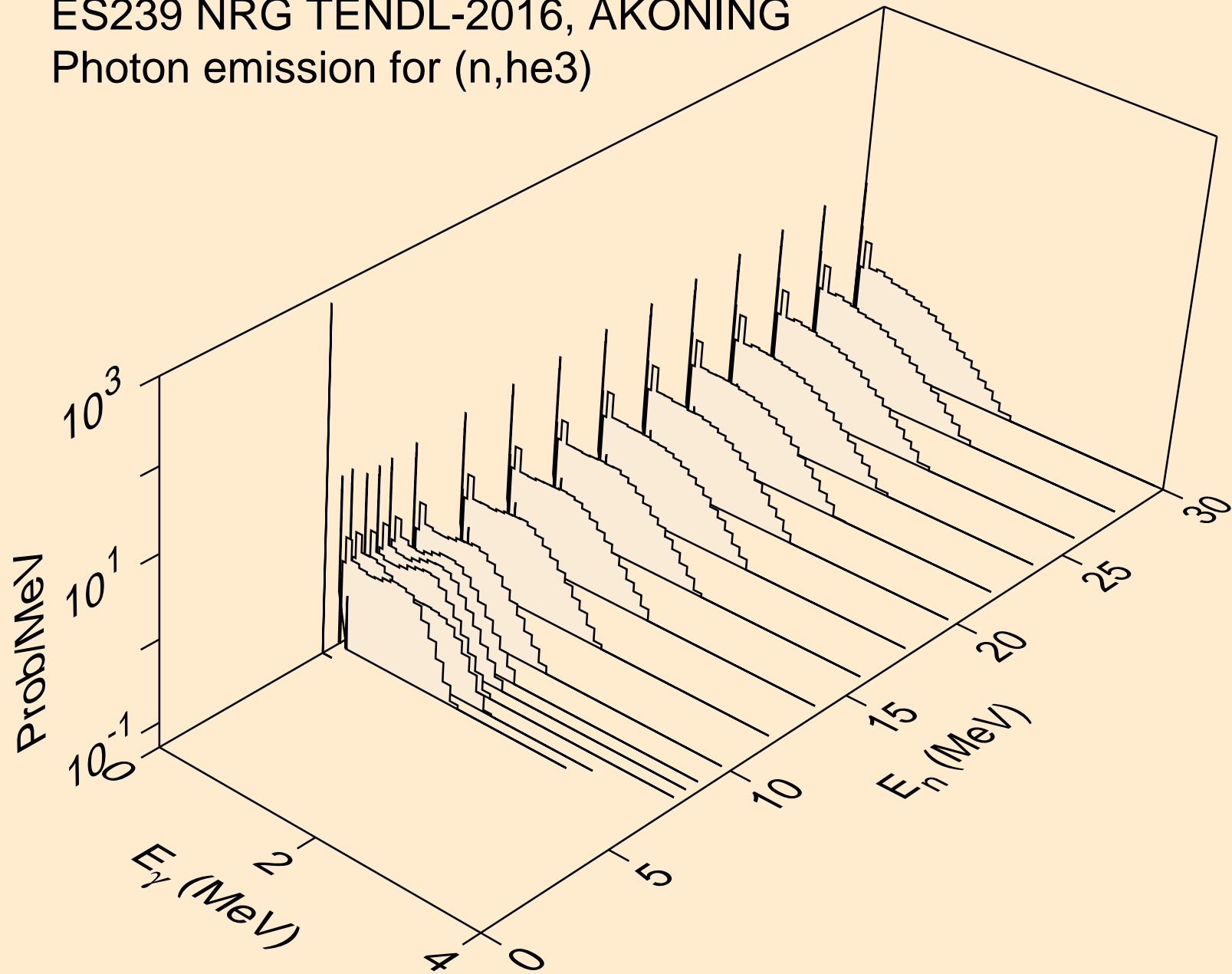
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,d)



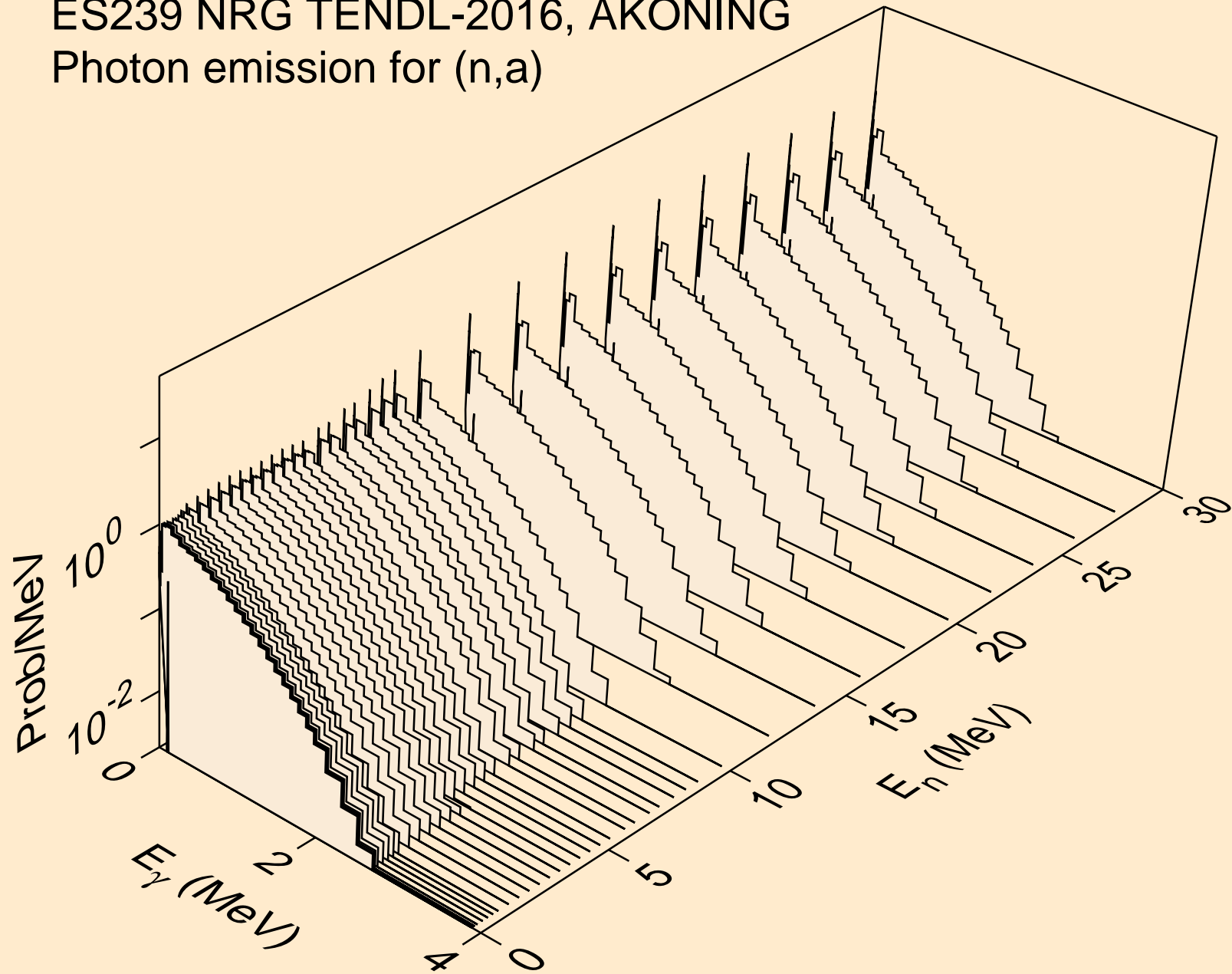
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,t)



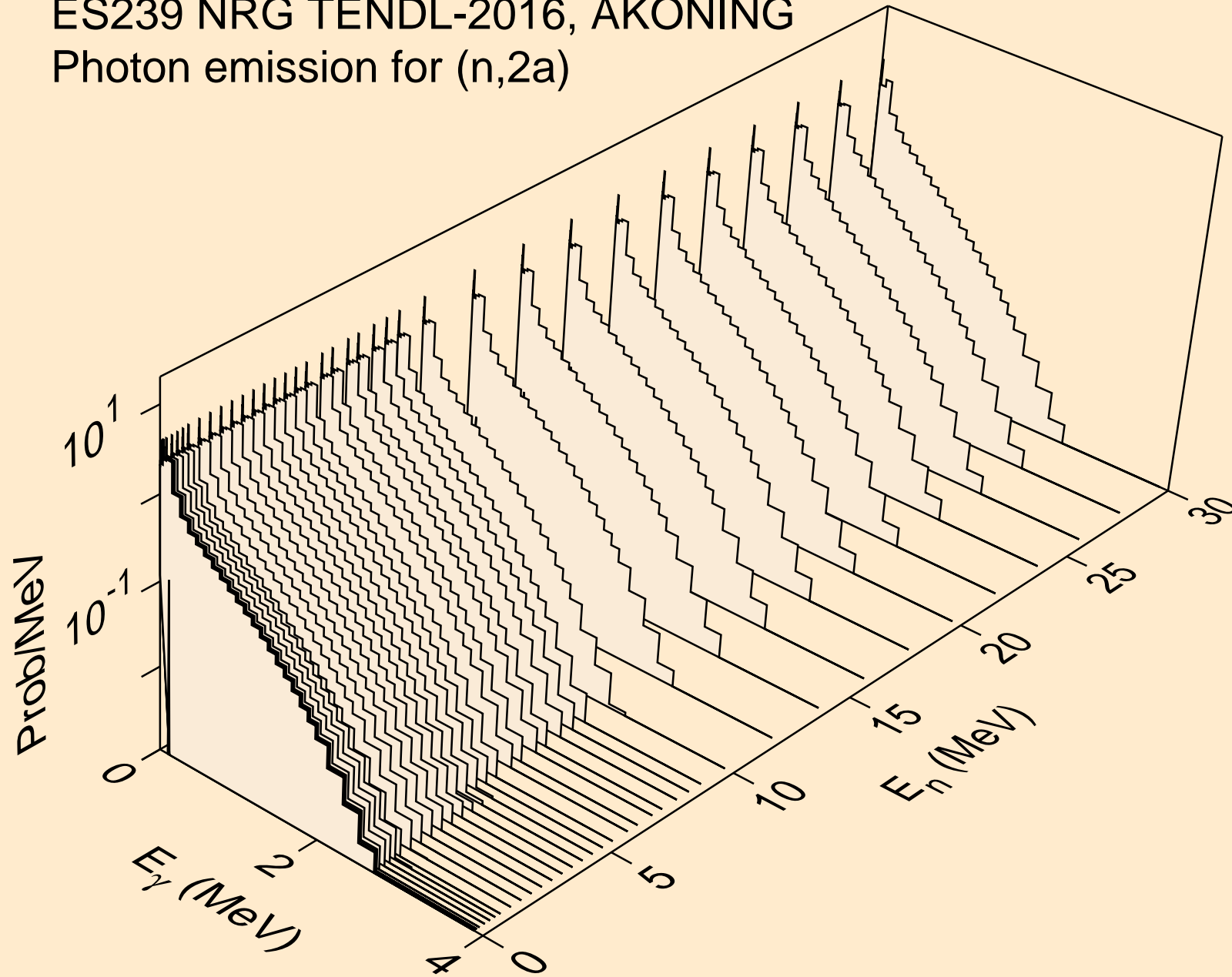
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,he3)



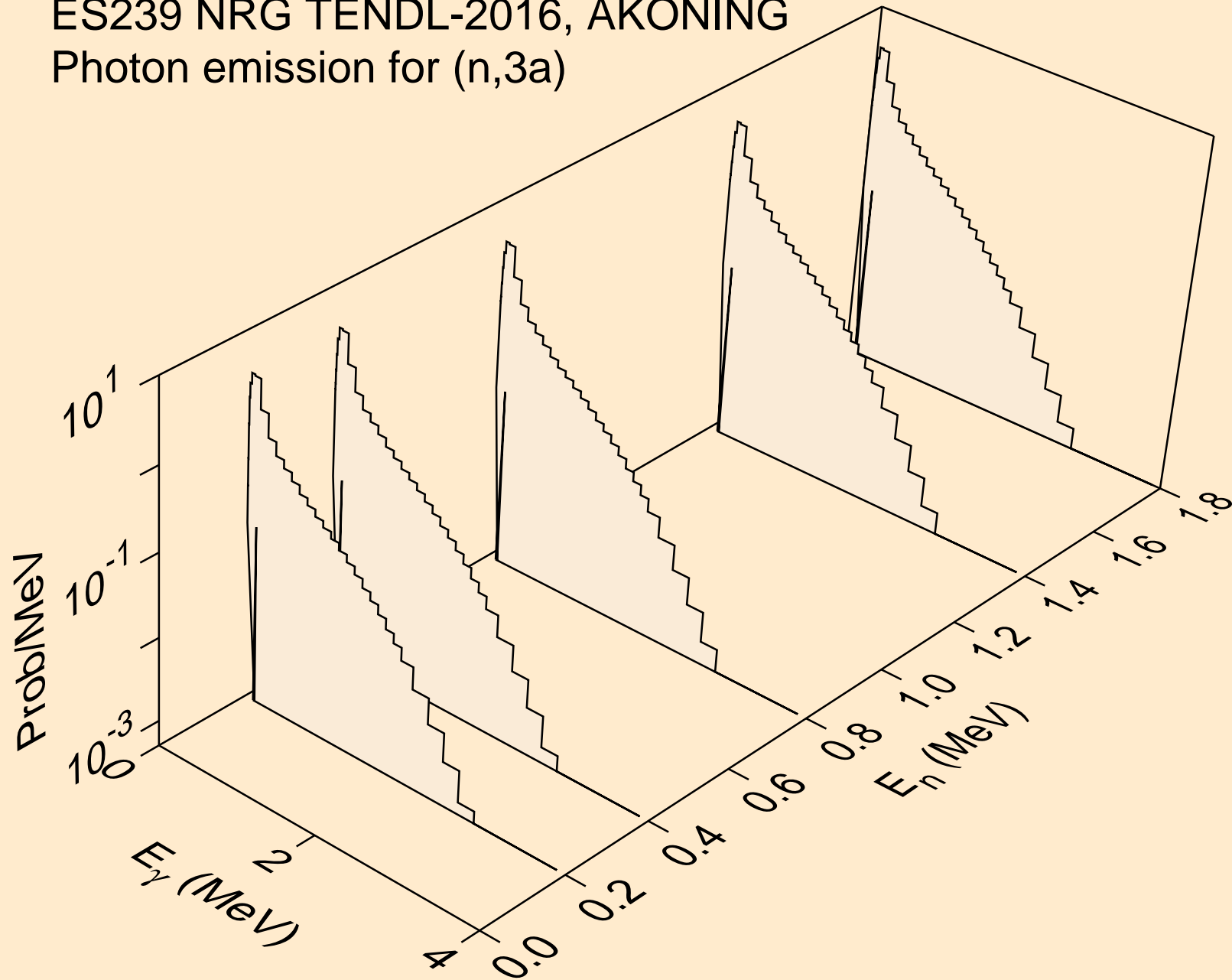
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,a)



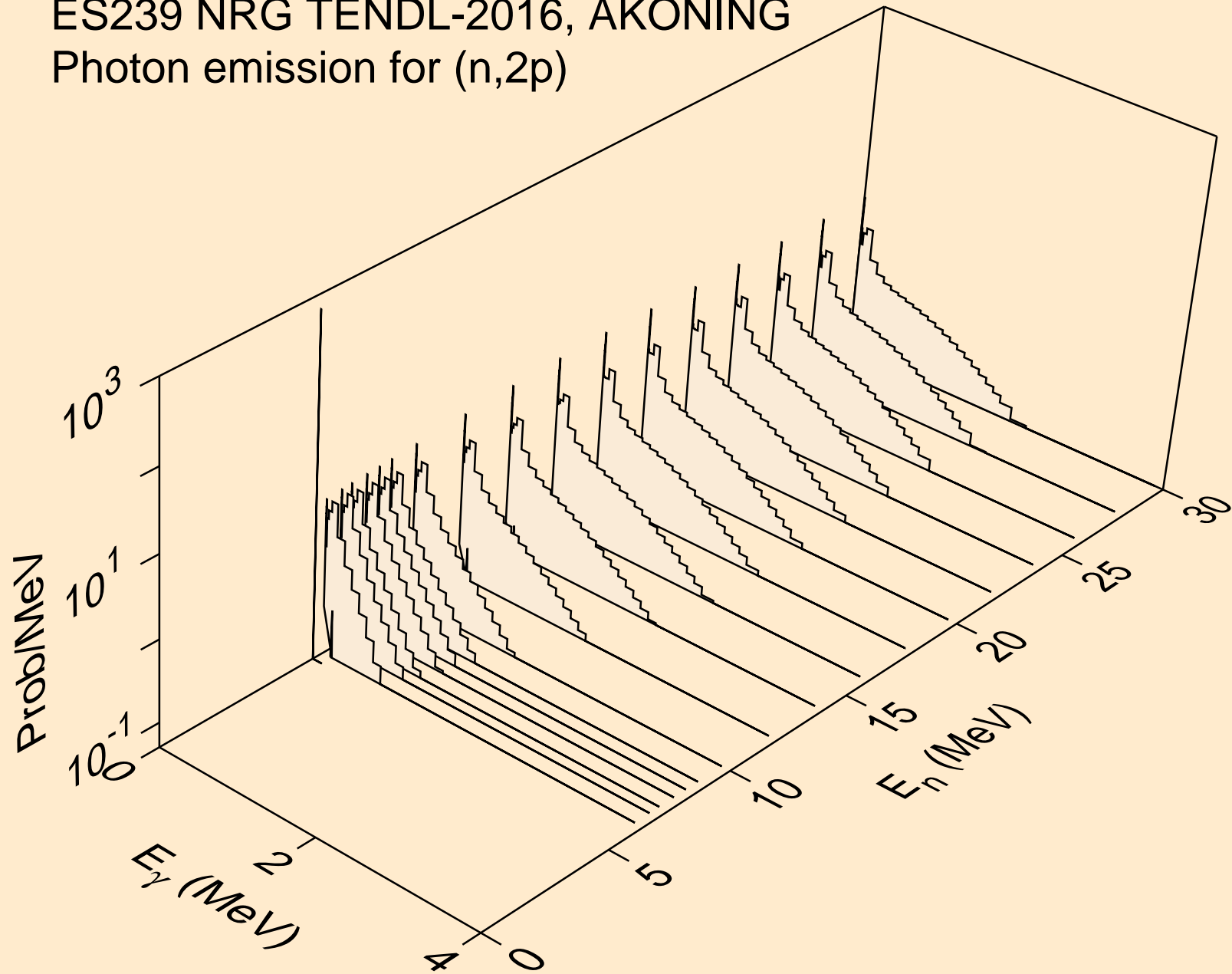
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,2a)



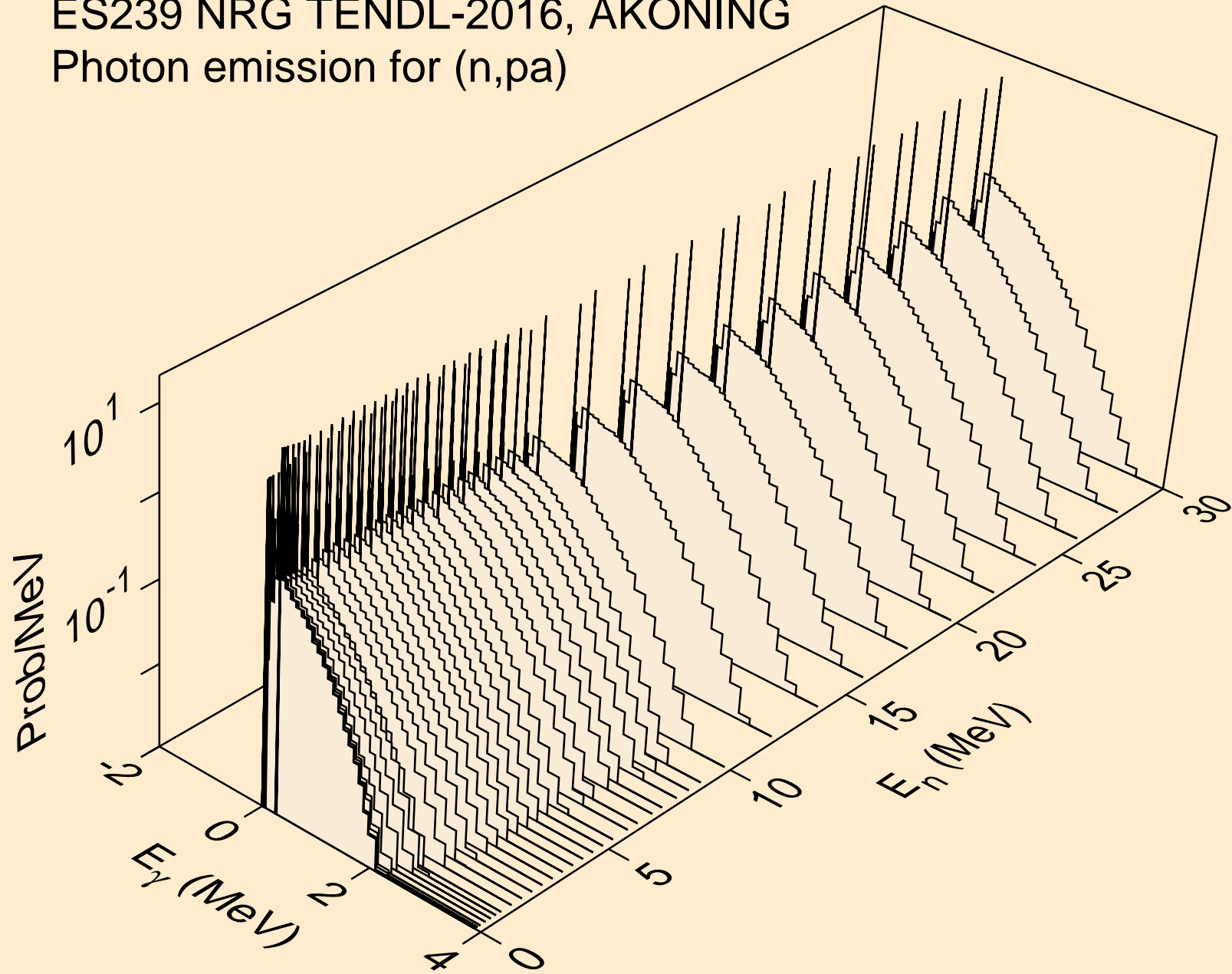
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,3a)



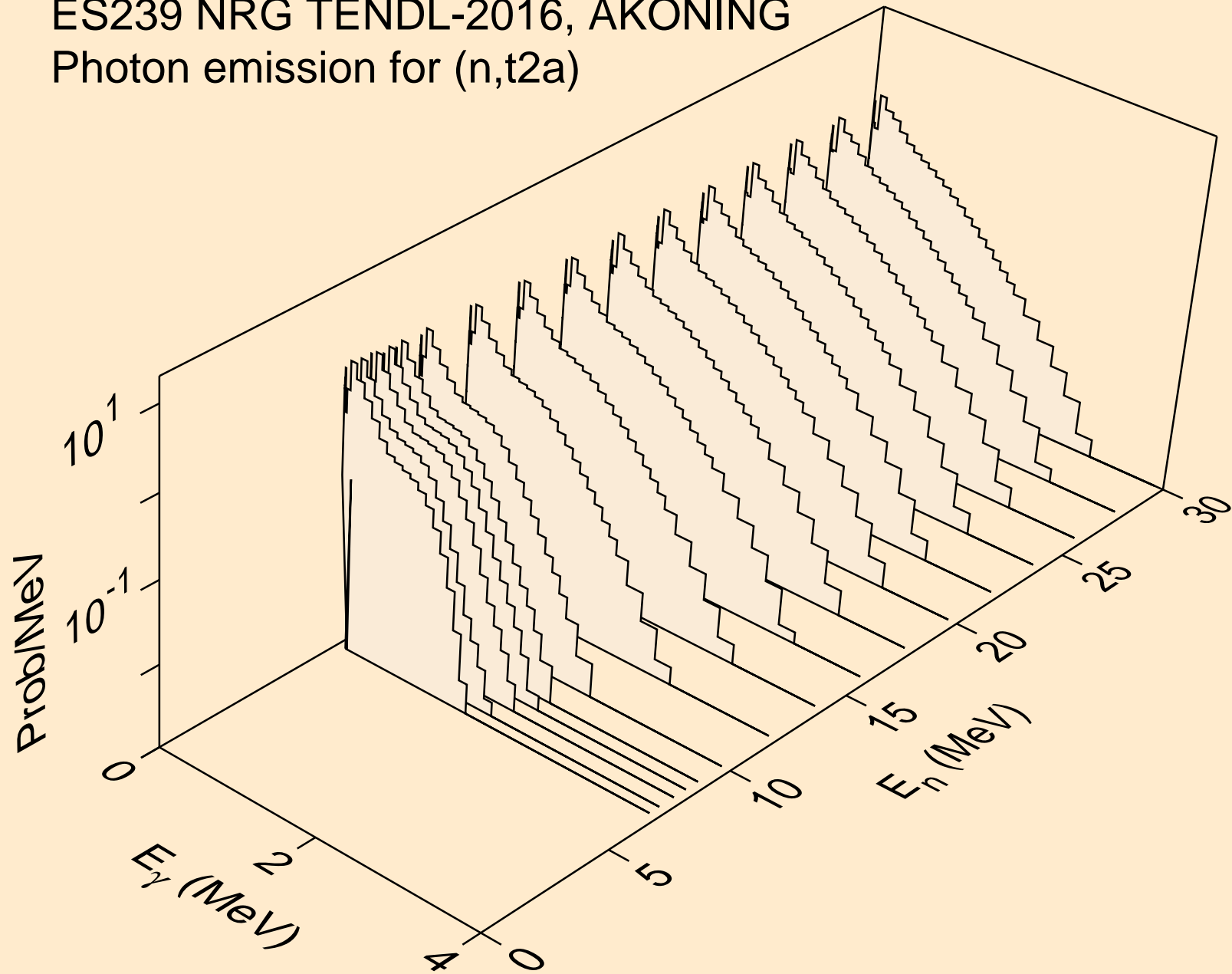
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,2p)



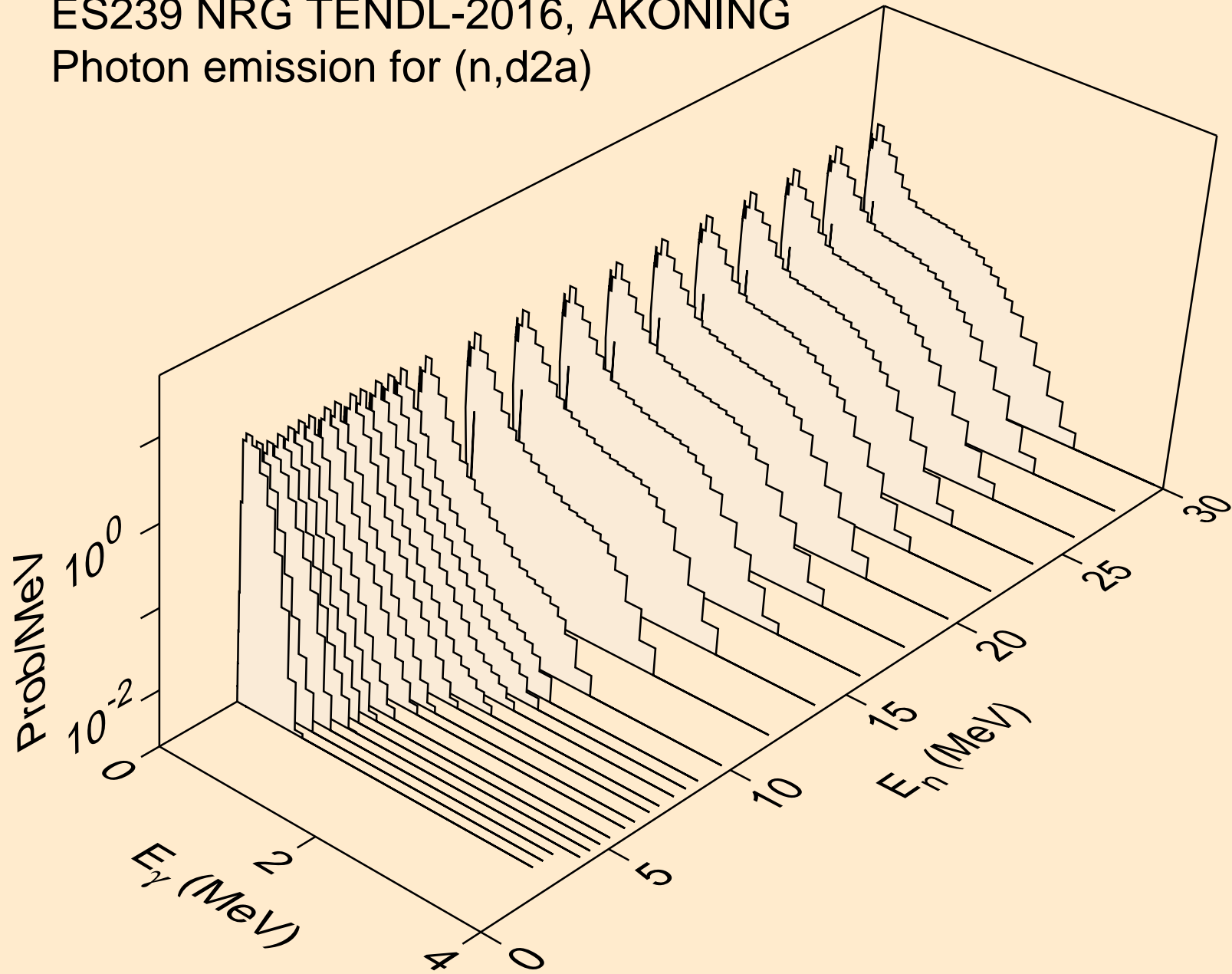
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,p α)



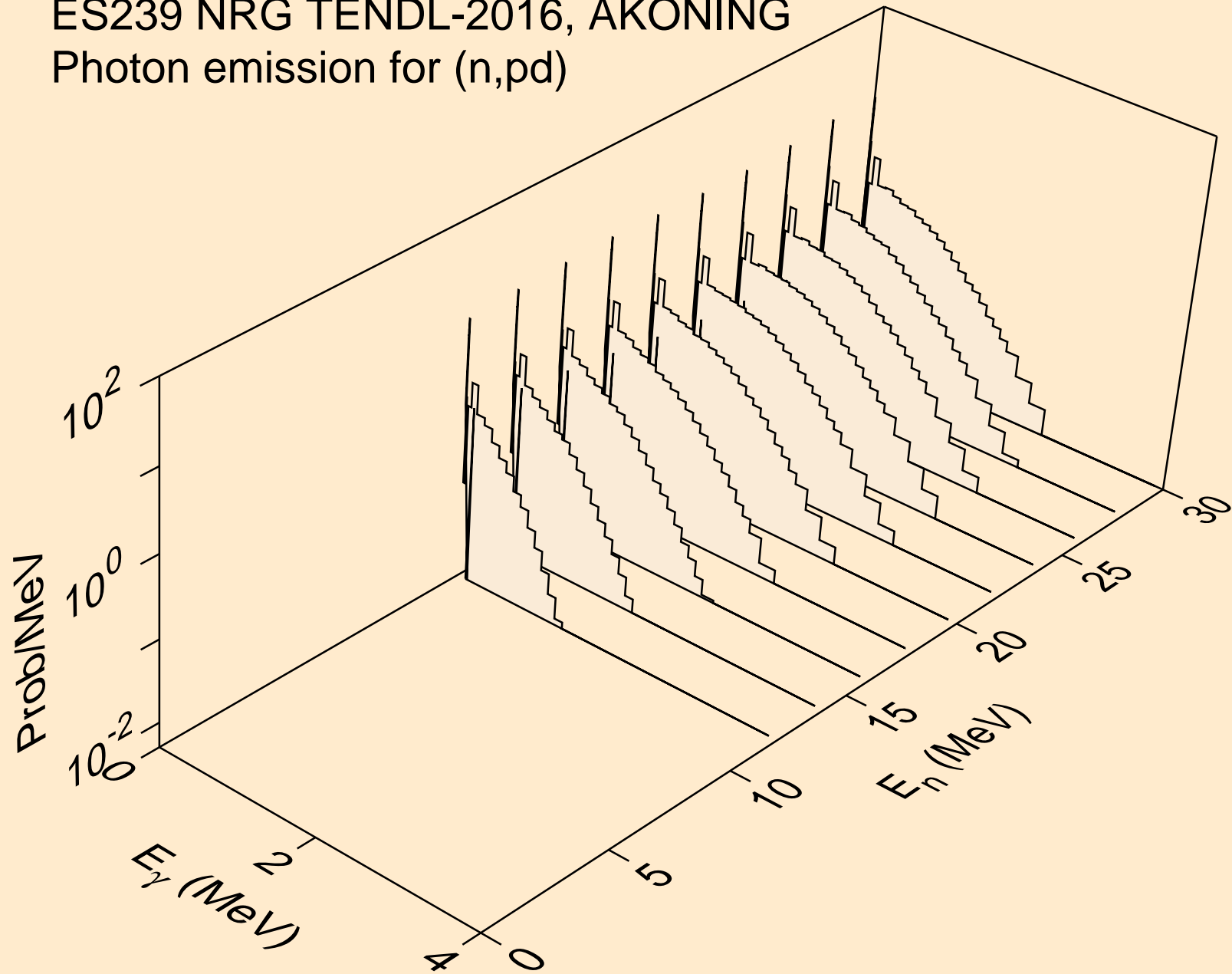
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,t2a)



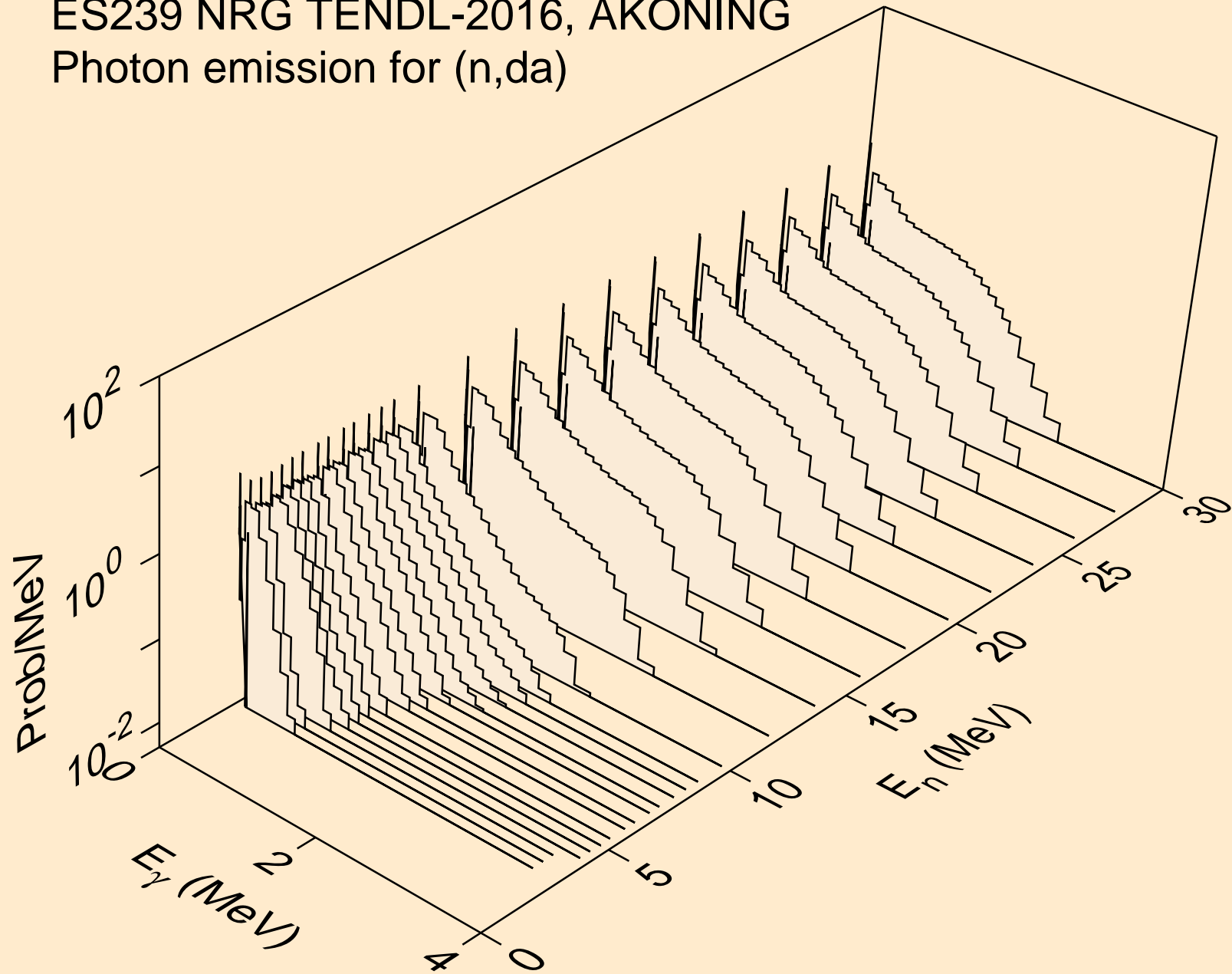
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,d2a)



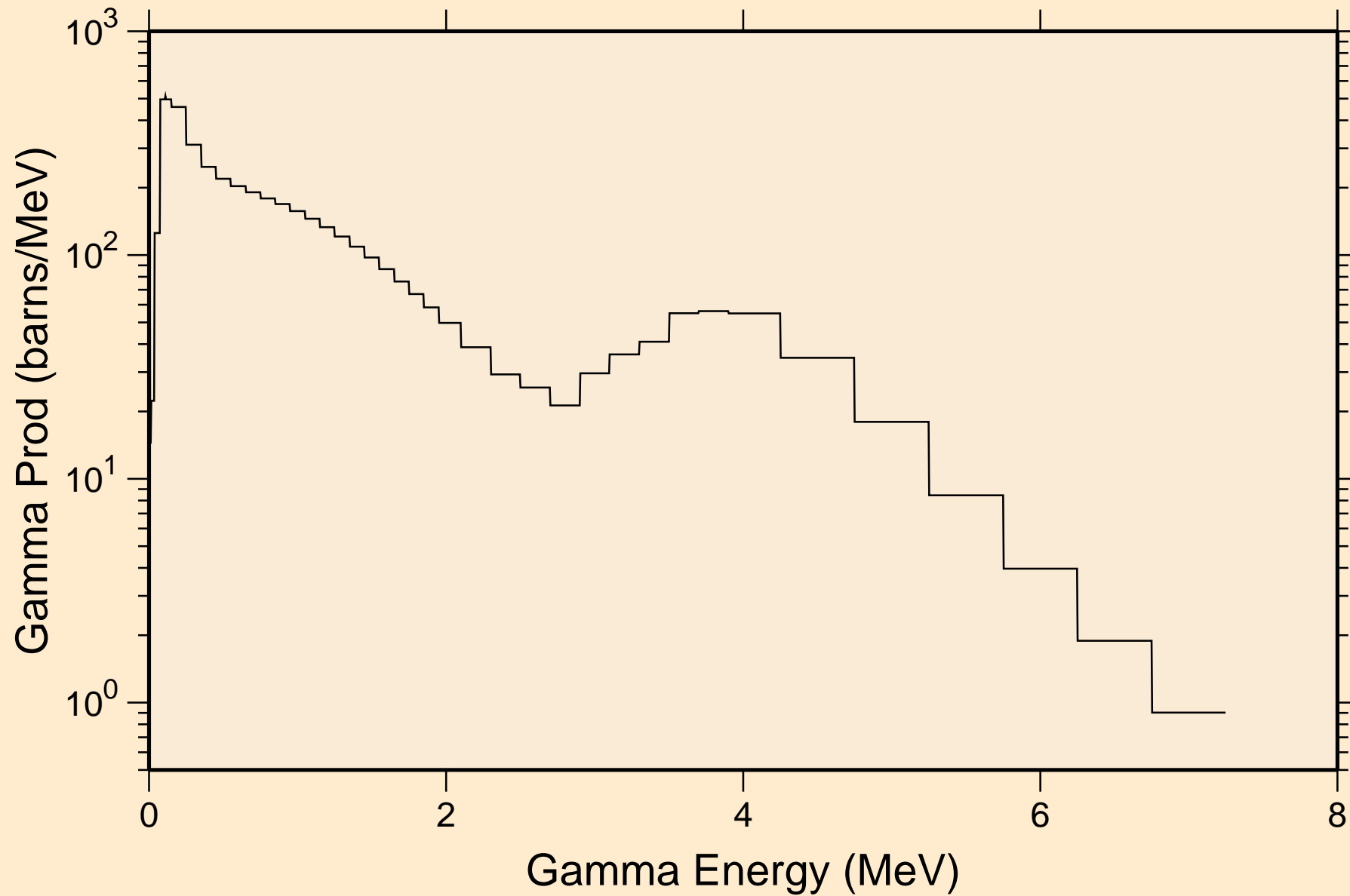
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,pd)



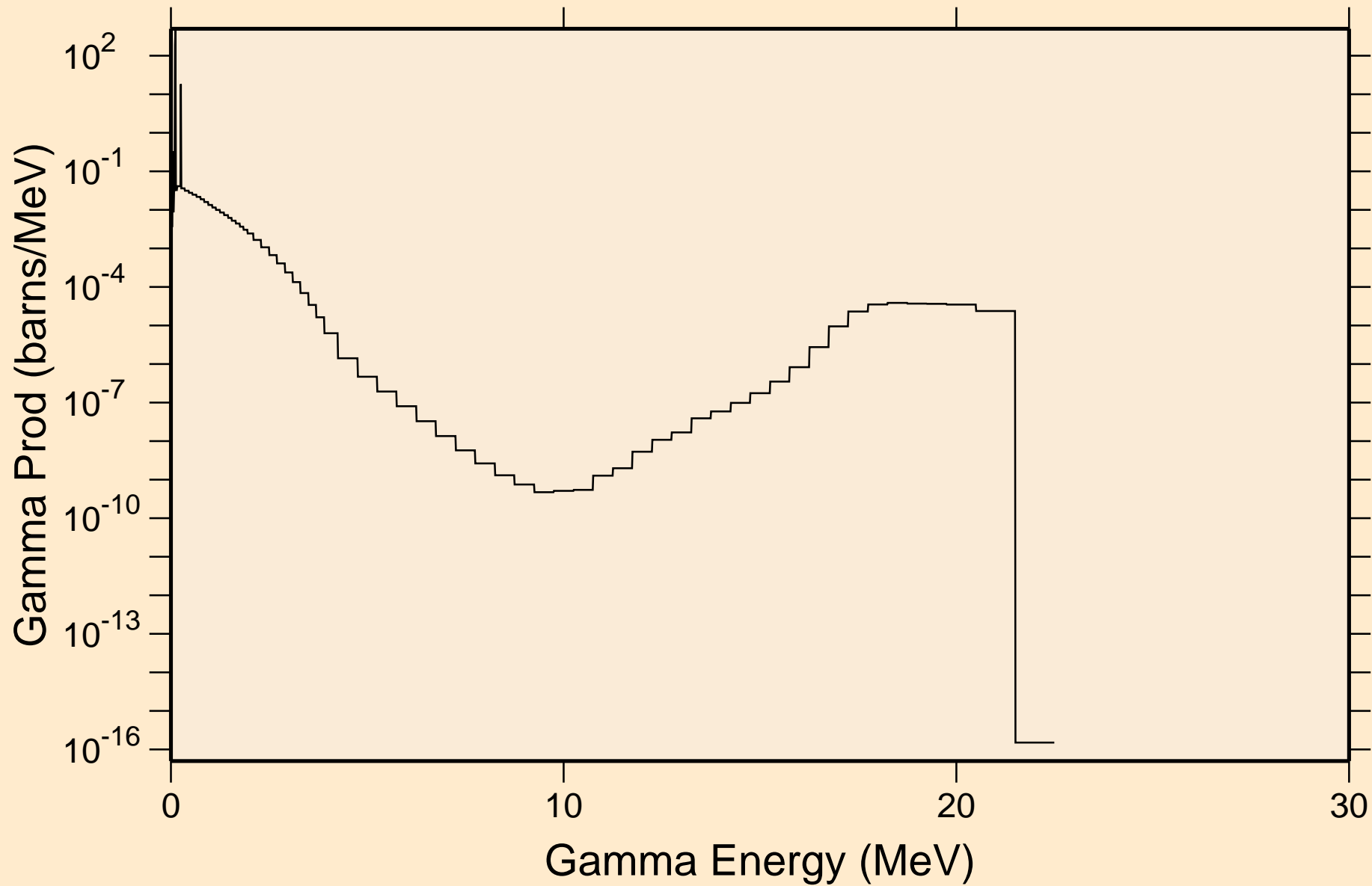
ES239 NRG TENDL-2016, AKONING
Photon emission for (n,da)



ES239 NRG TENDL-2016, AKONING
thermal capture photon spectrum

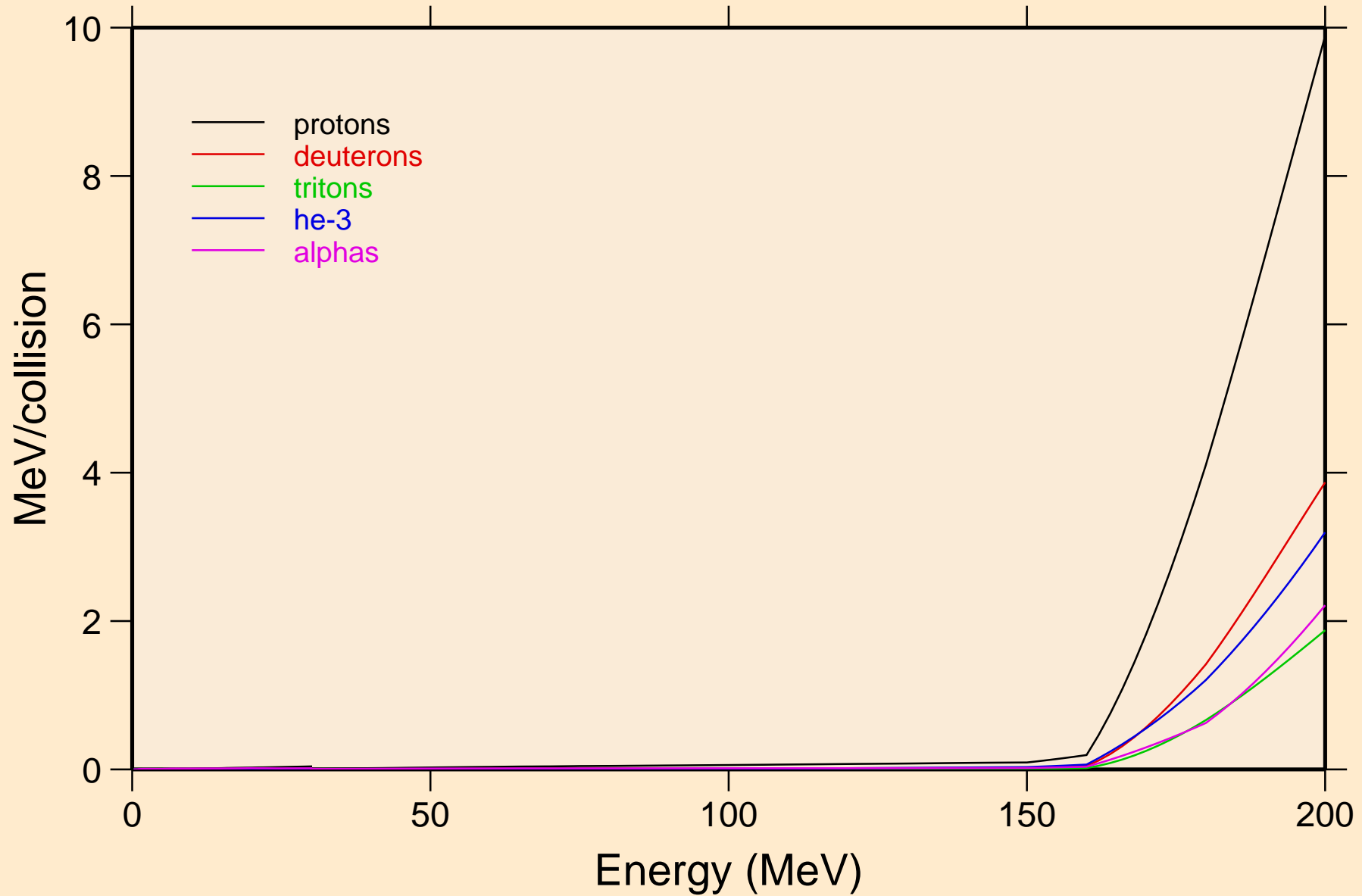


ES239 NRG TENDL-2016, AKONING
14 MeV photon spectrum



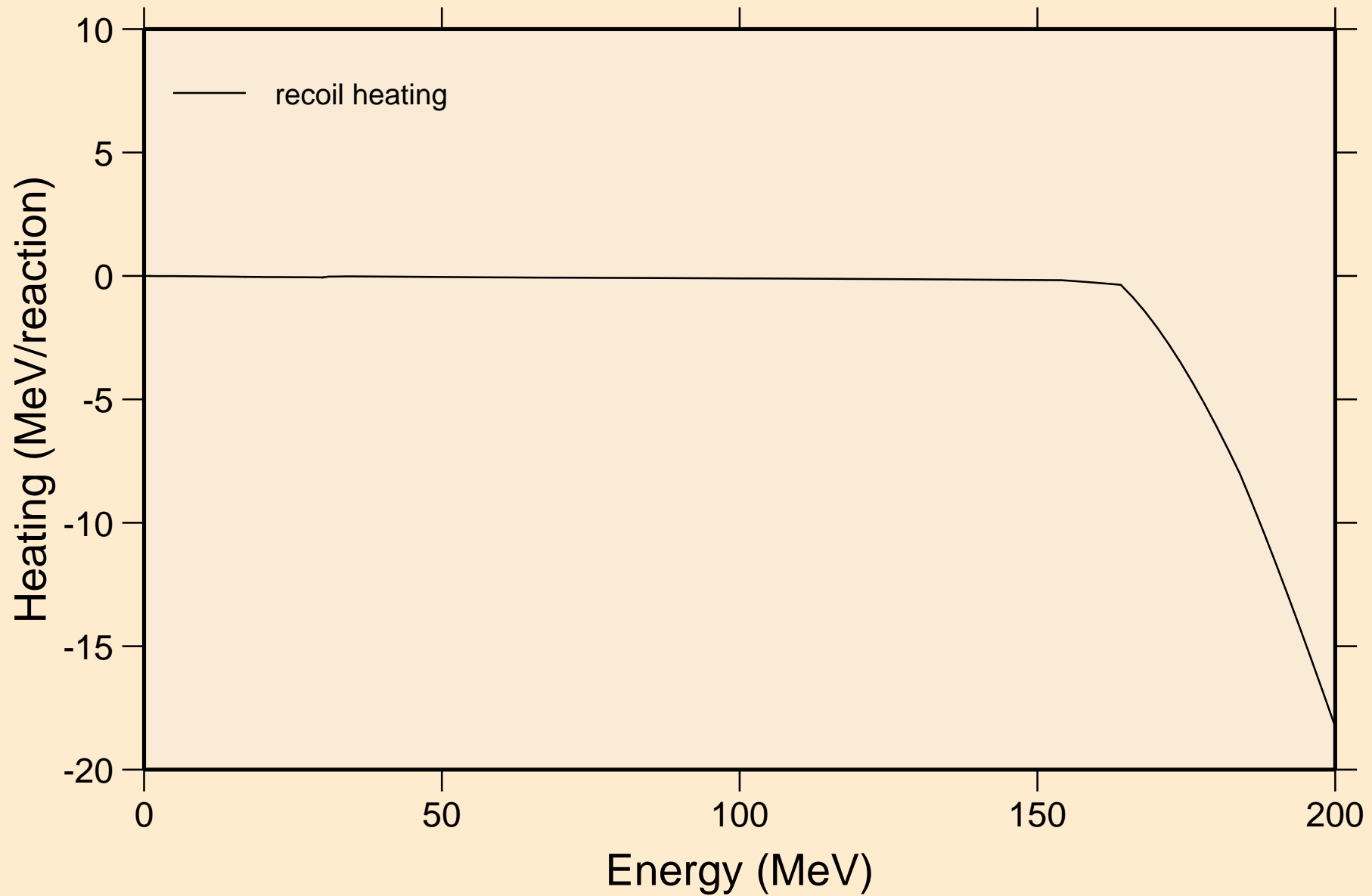
ES239 NRG TENDL-2016, AKONING

Particle heating contributions



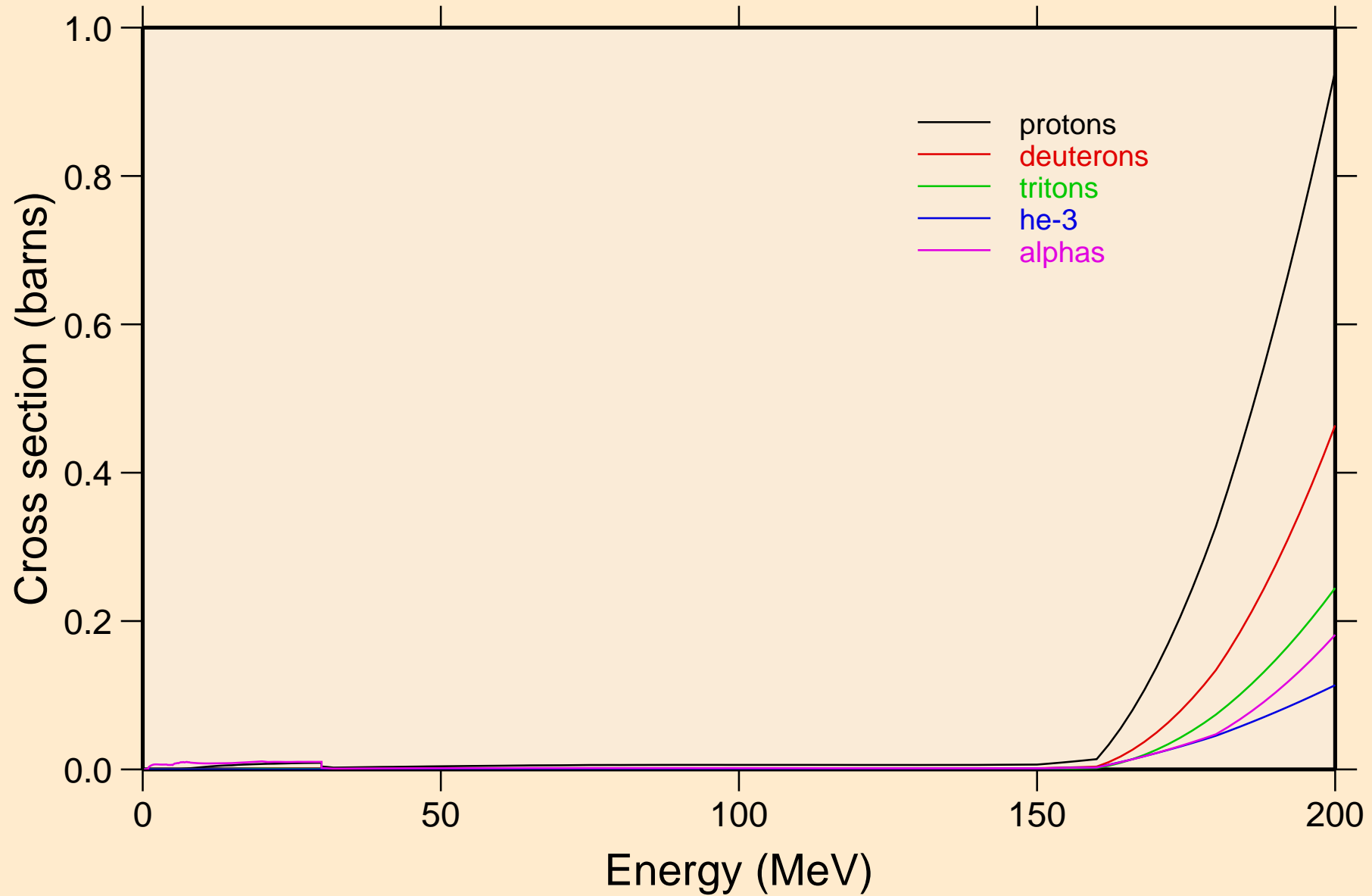
ES239 NRG TENDL-2016, AKONING

Recoil Heating

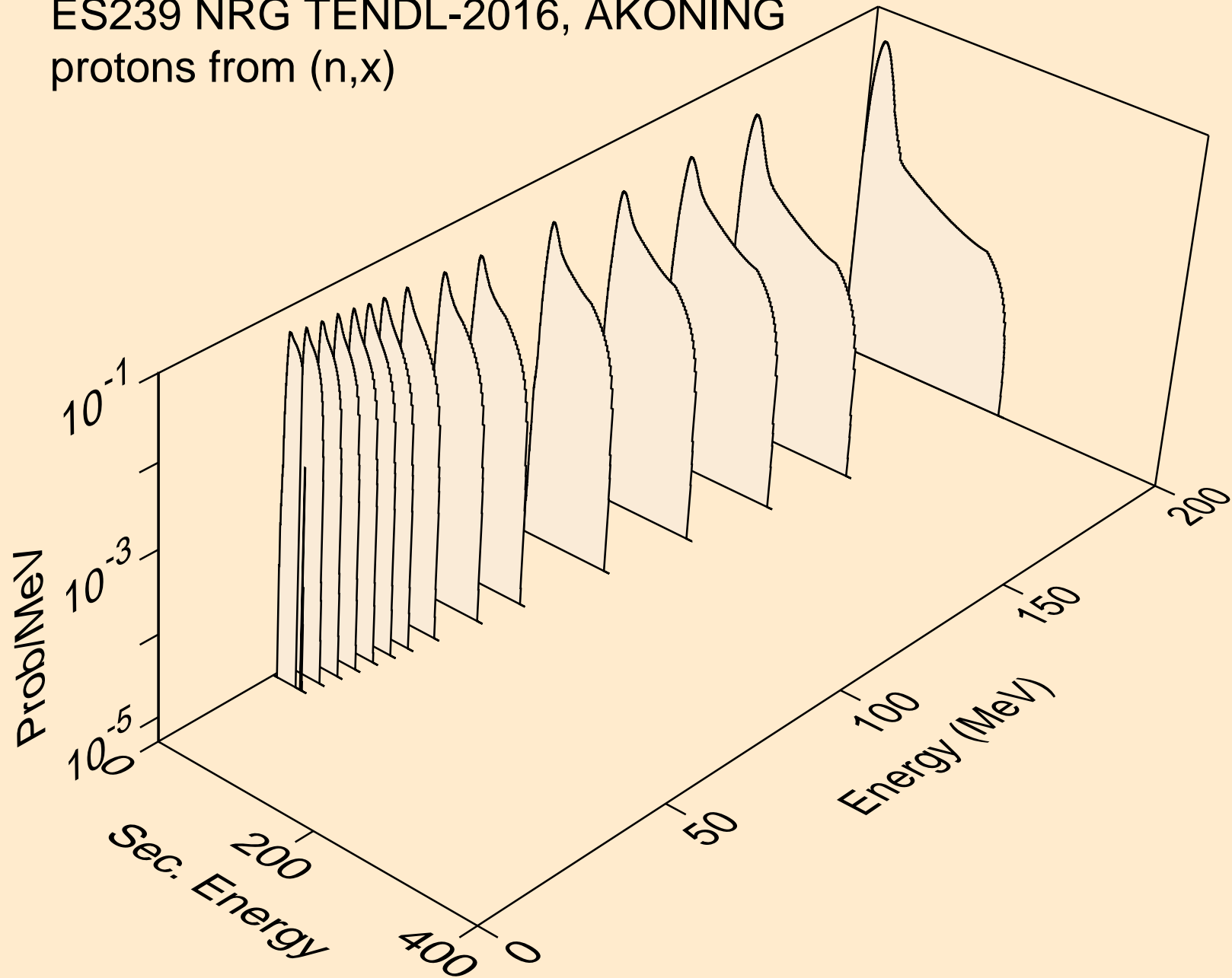


ES239 NRG TENDL-2016, AKONING

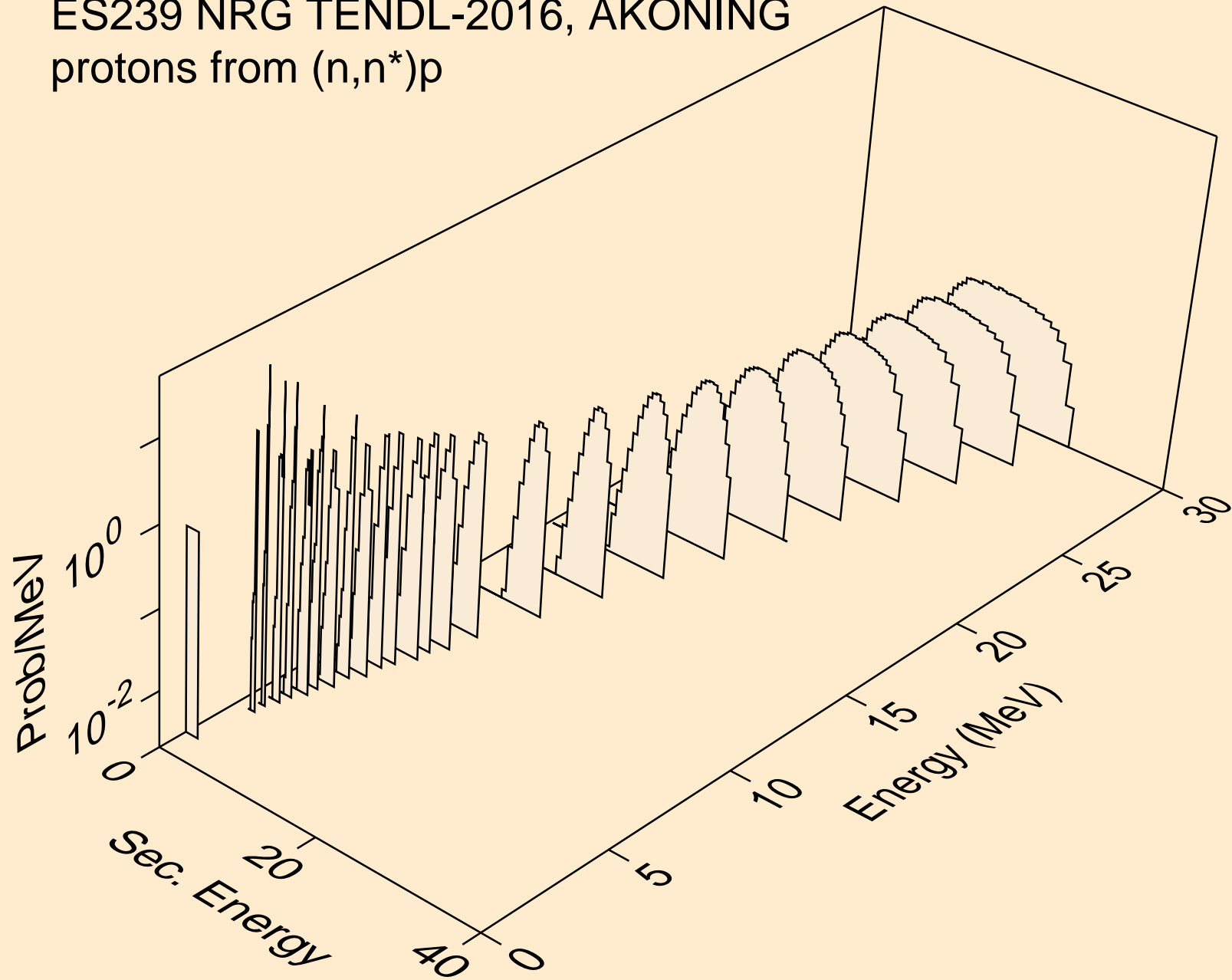
Particle production cross sections



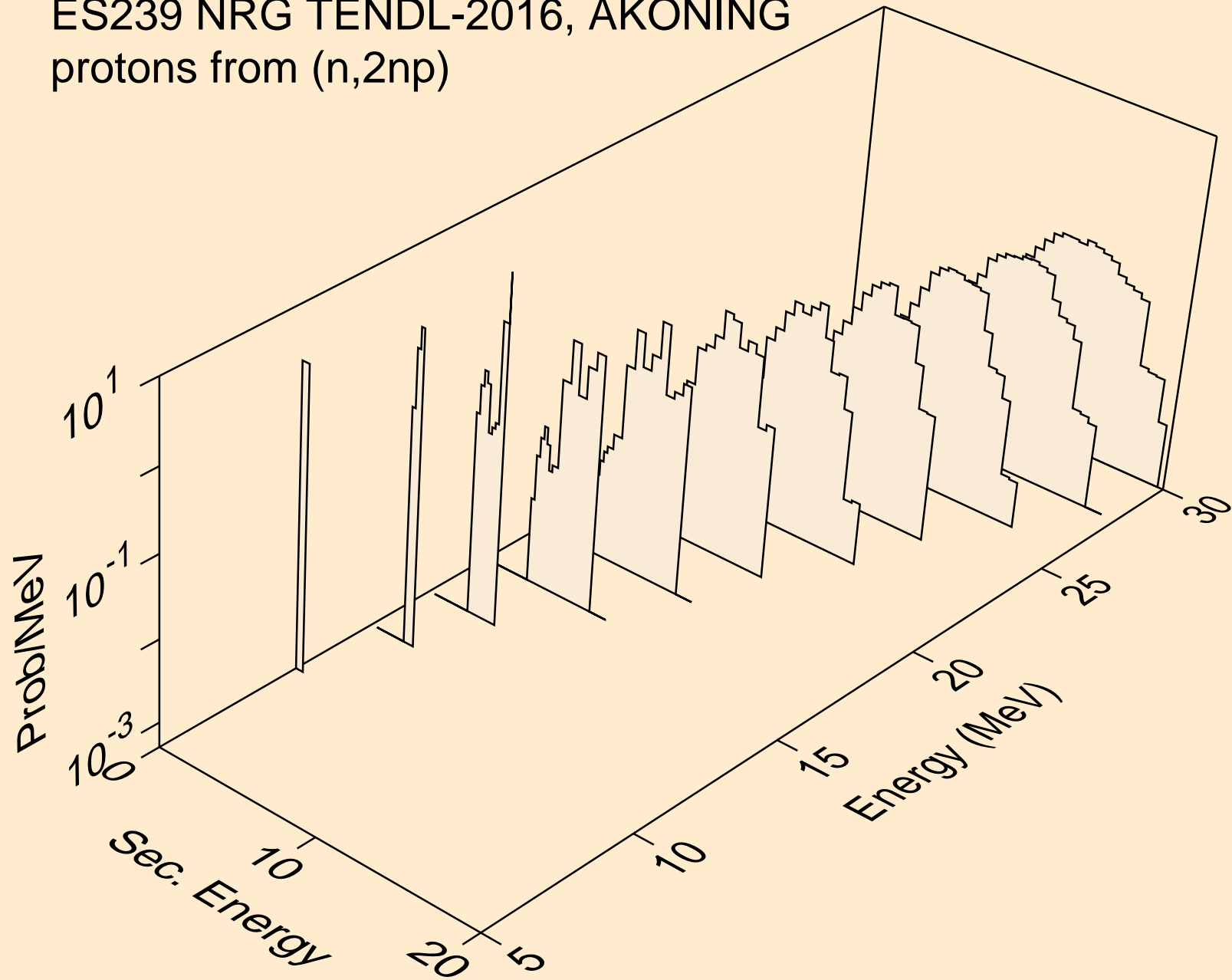
ES239 NRG TENDL-2016, AKONING
protons from (n,x)



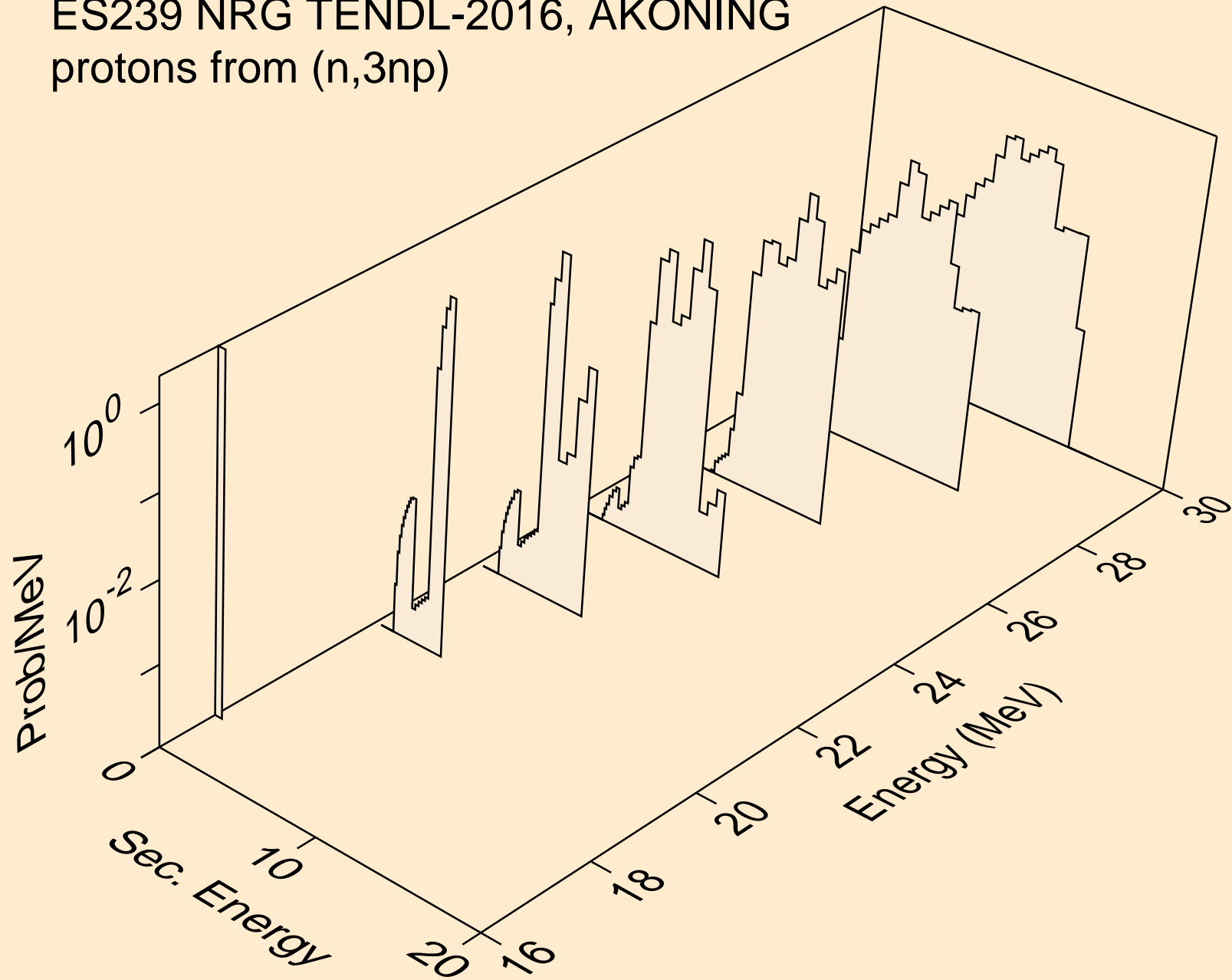
ES239 NRG TENDL-2016, AKONING
protons from (n,n*)p



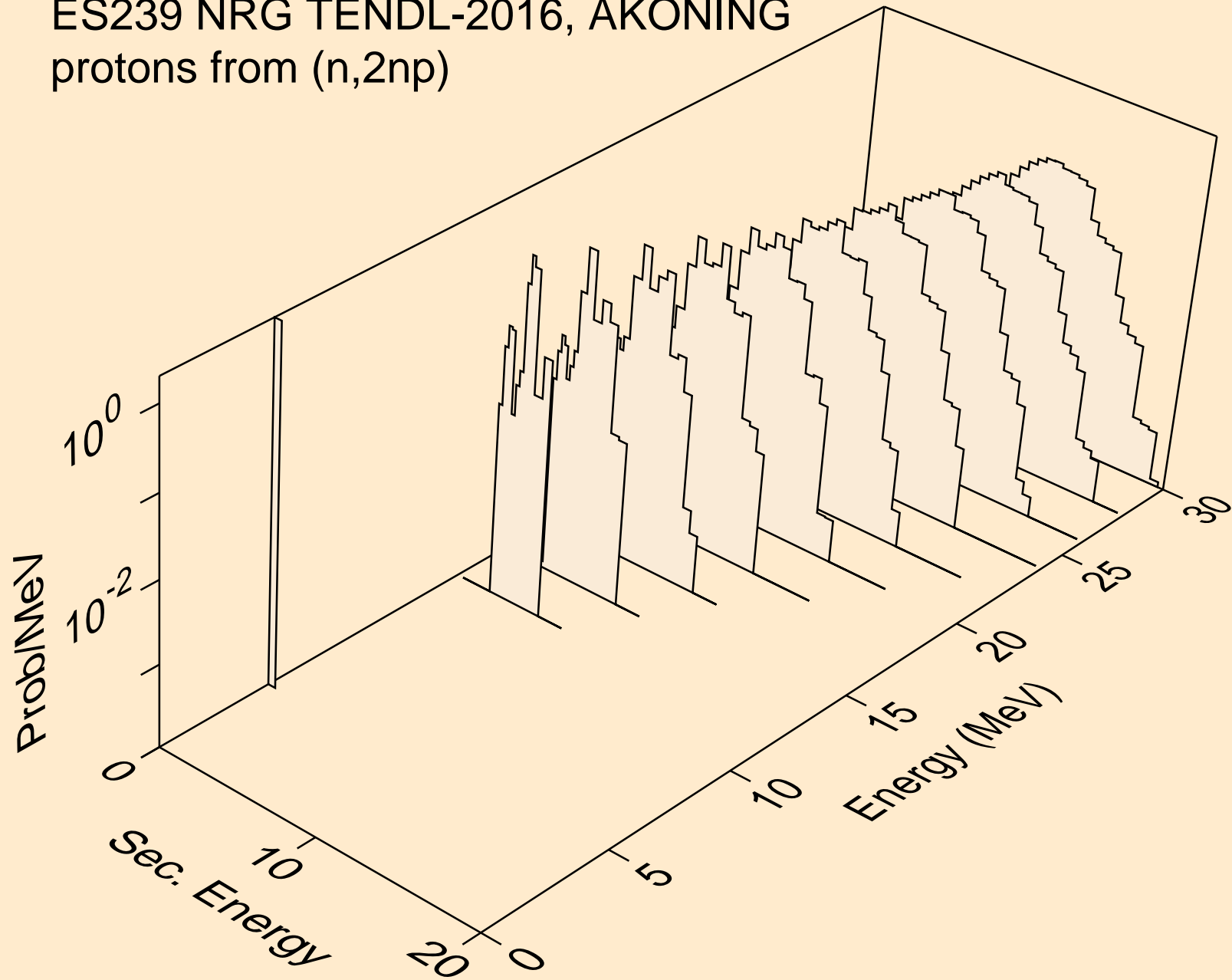
ES239 NRG TENDL-2016, AKONING
protons from (n,2np)



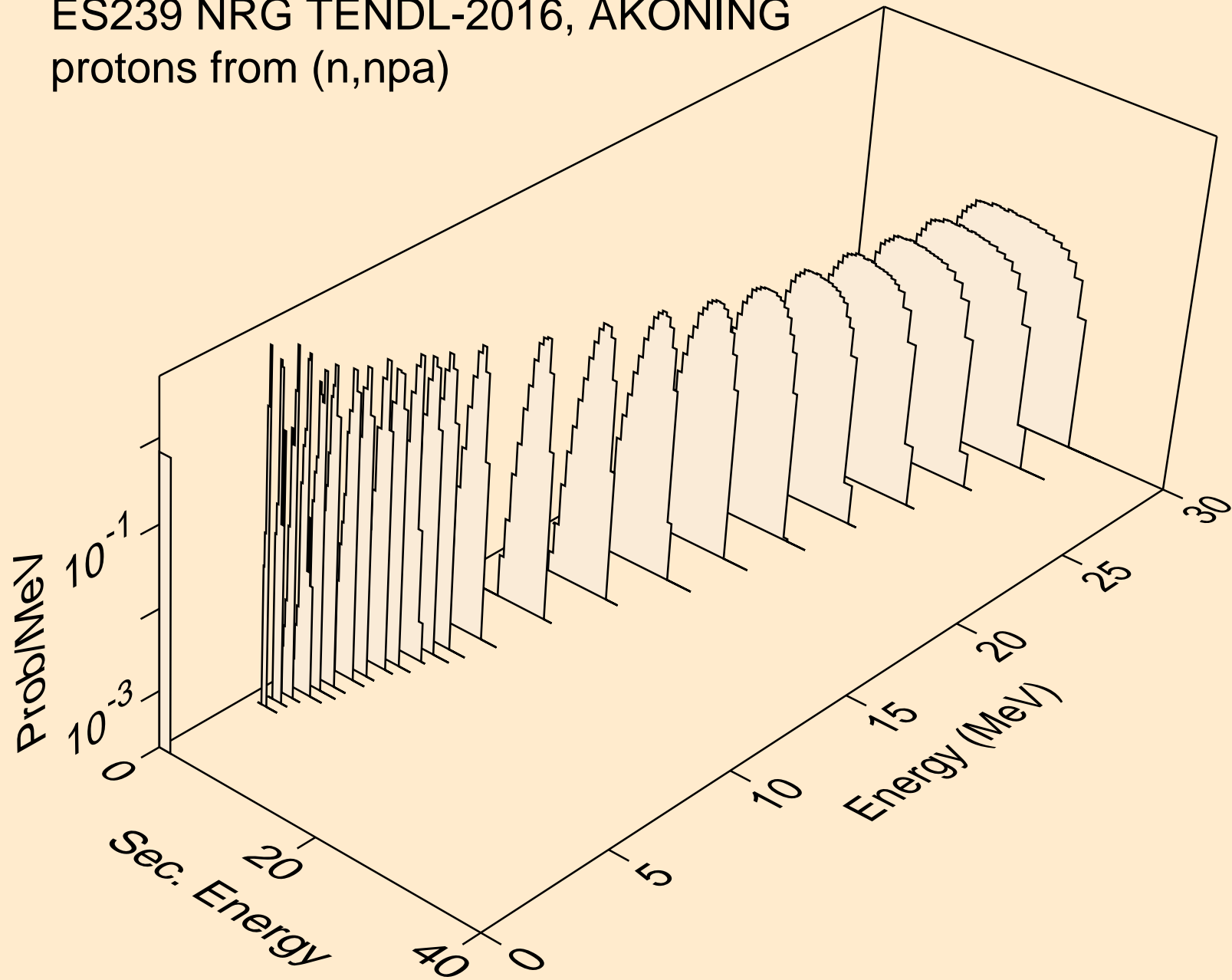
ES239 NRG TENDL-2016, AKONING
protons from (n,3np)



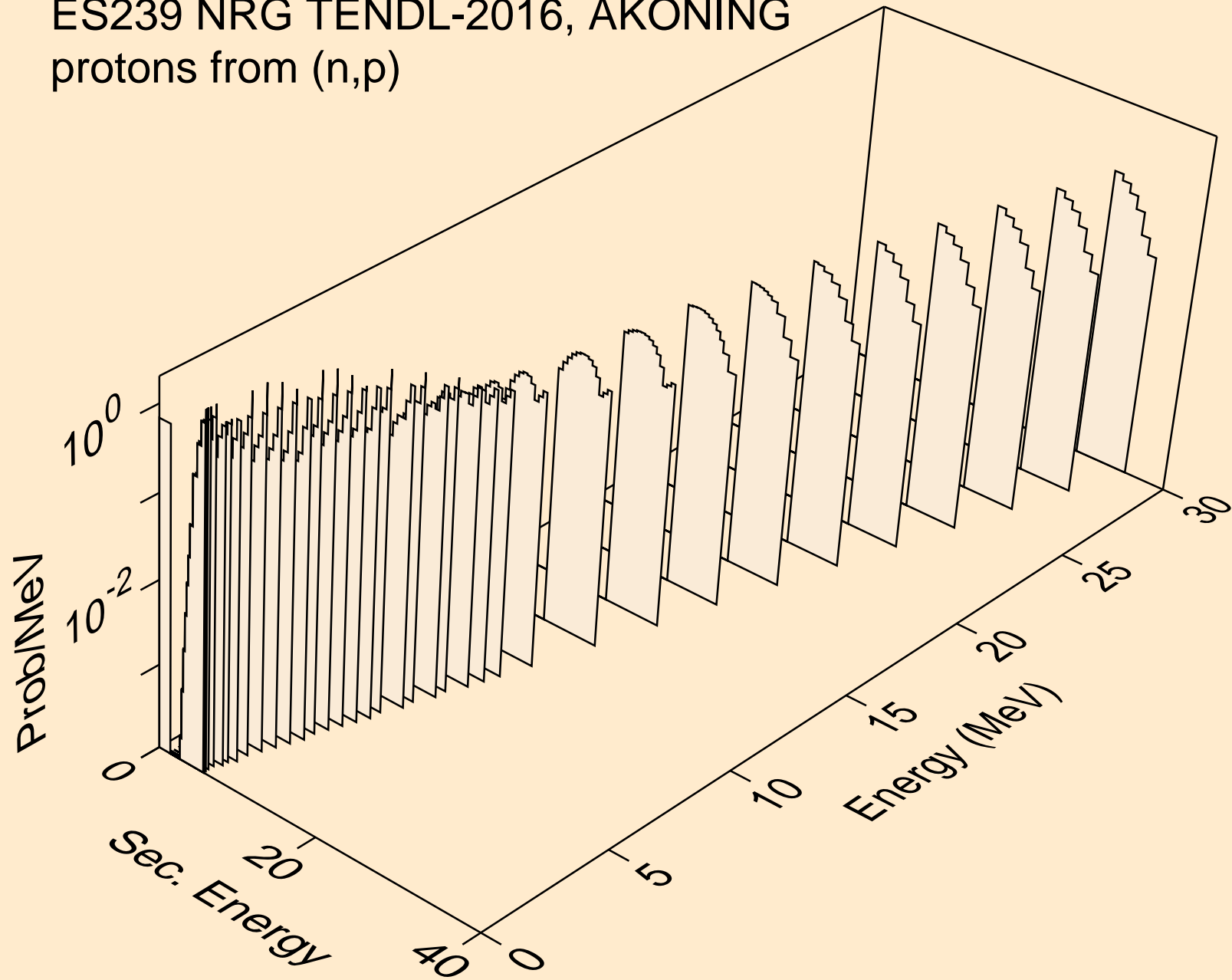
ES239 NRG TENDL-2016, AKONING
protons from (n,2np)



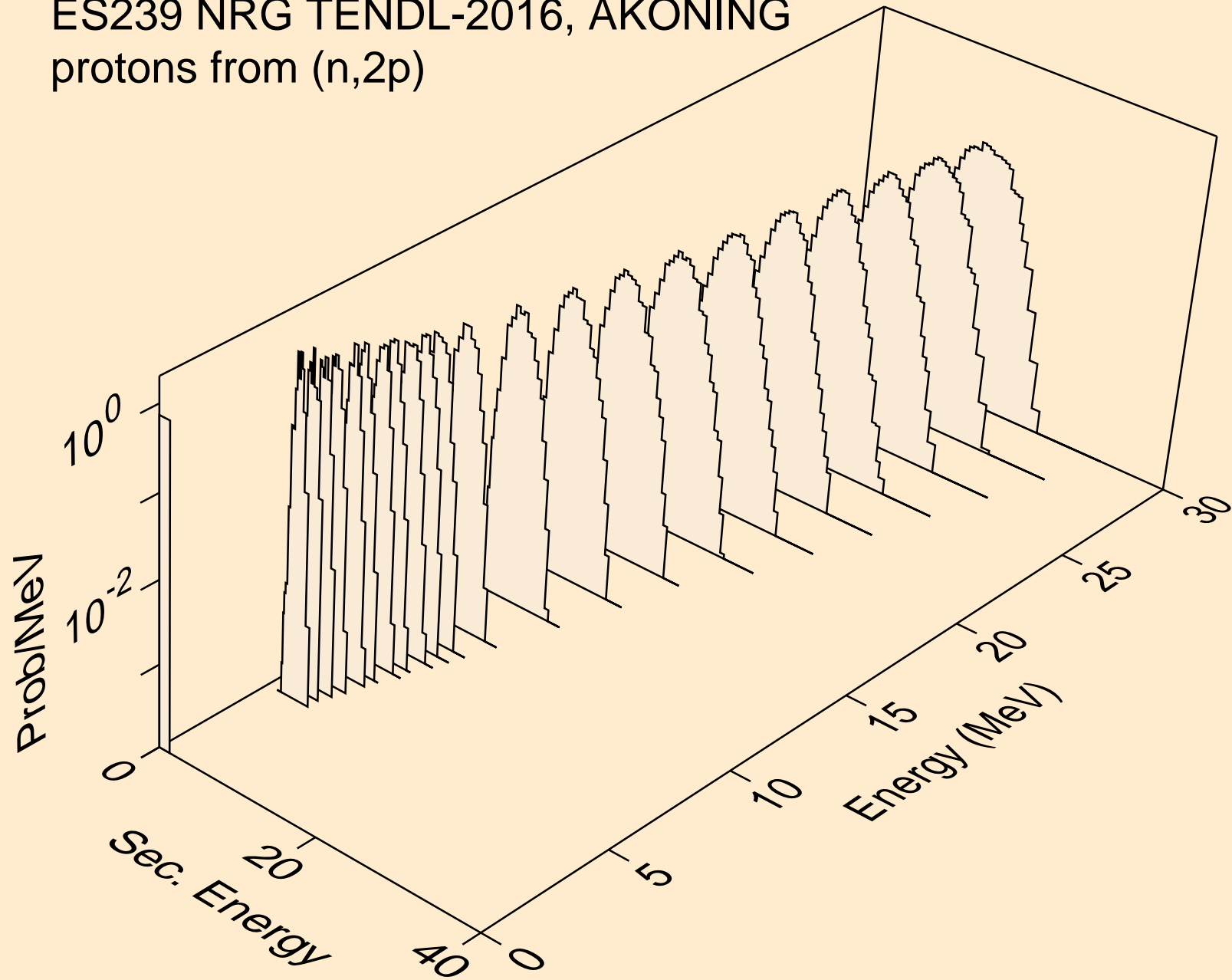
ES239 NRG TENDL-2016, AKONING
protons from (n,npa)



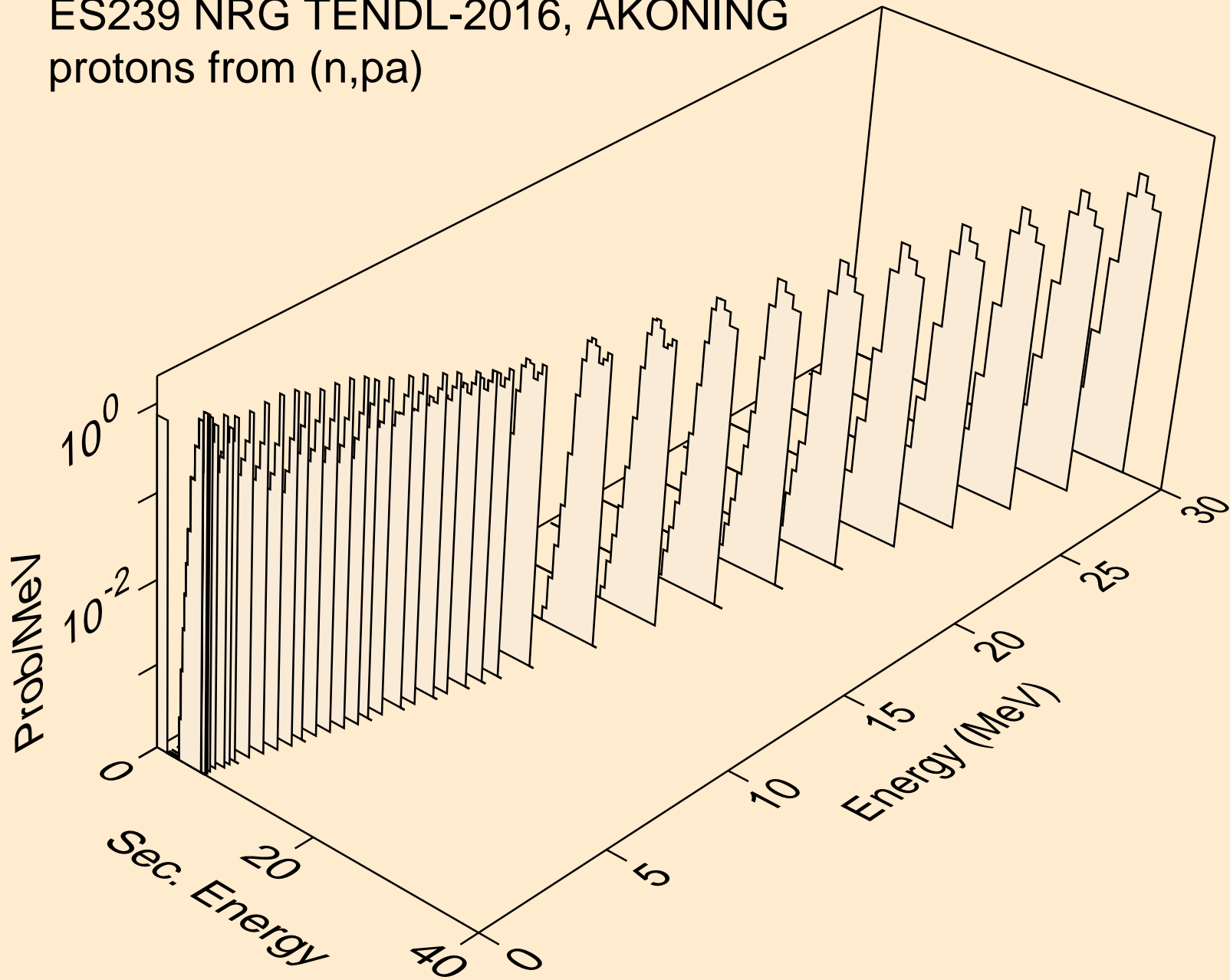
ES239 NRG TENDL-2016, AKONING
protons from (n,p)



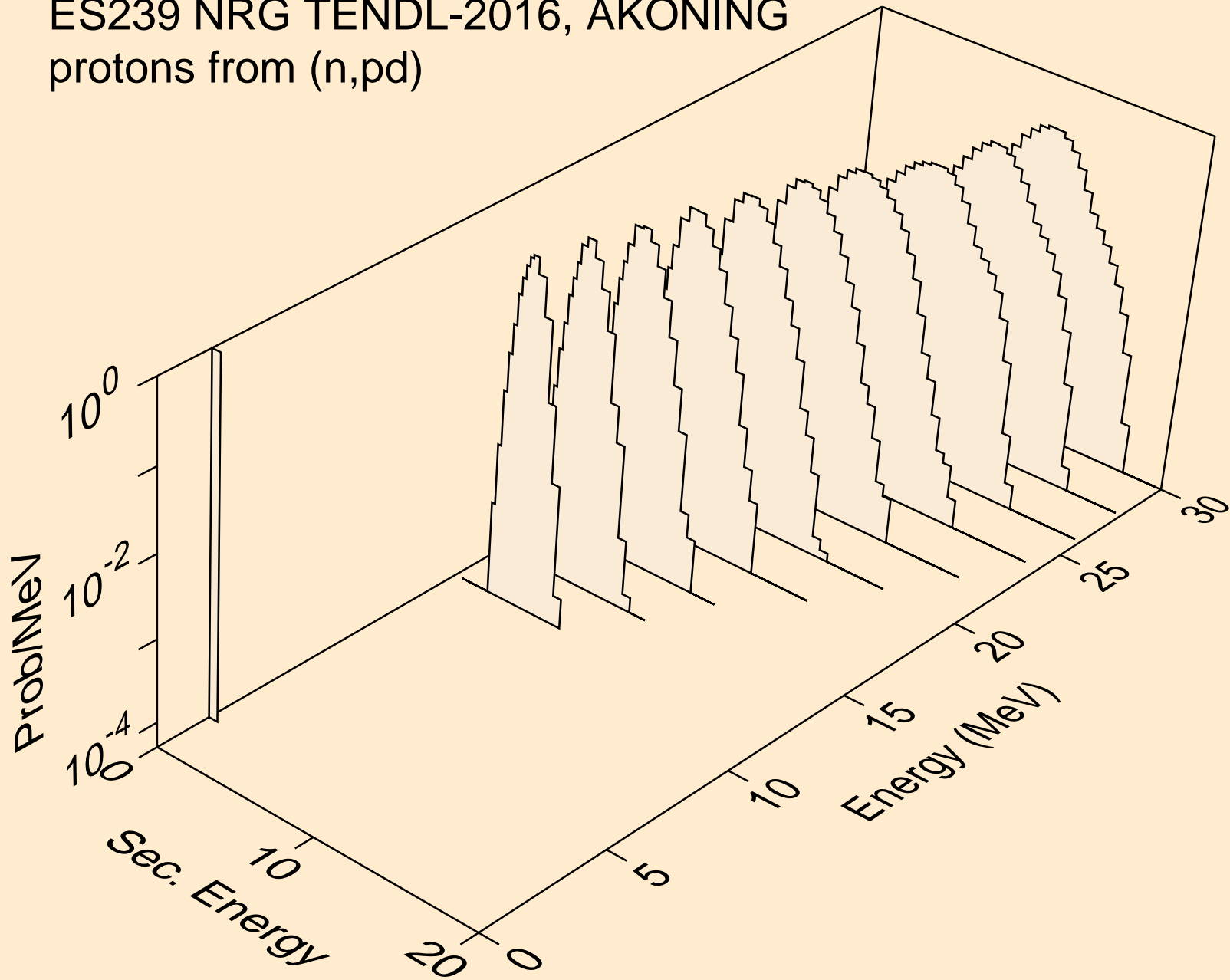
ES239 NRG TENDL-2016, AKONING
protons from (n,2p)



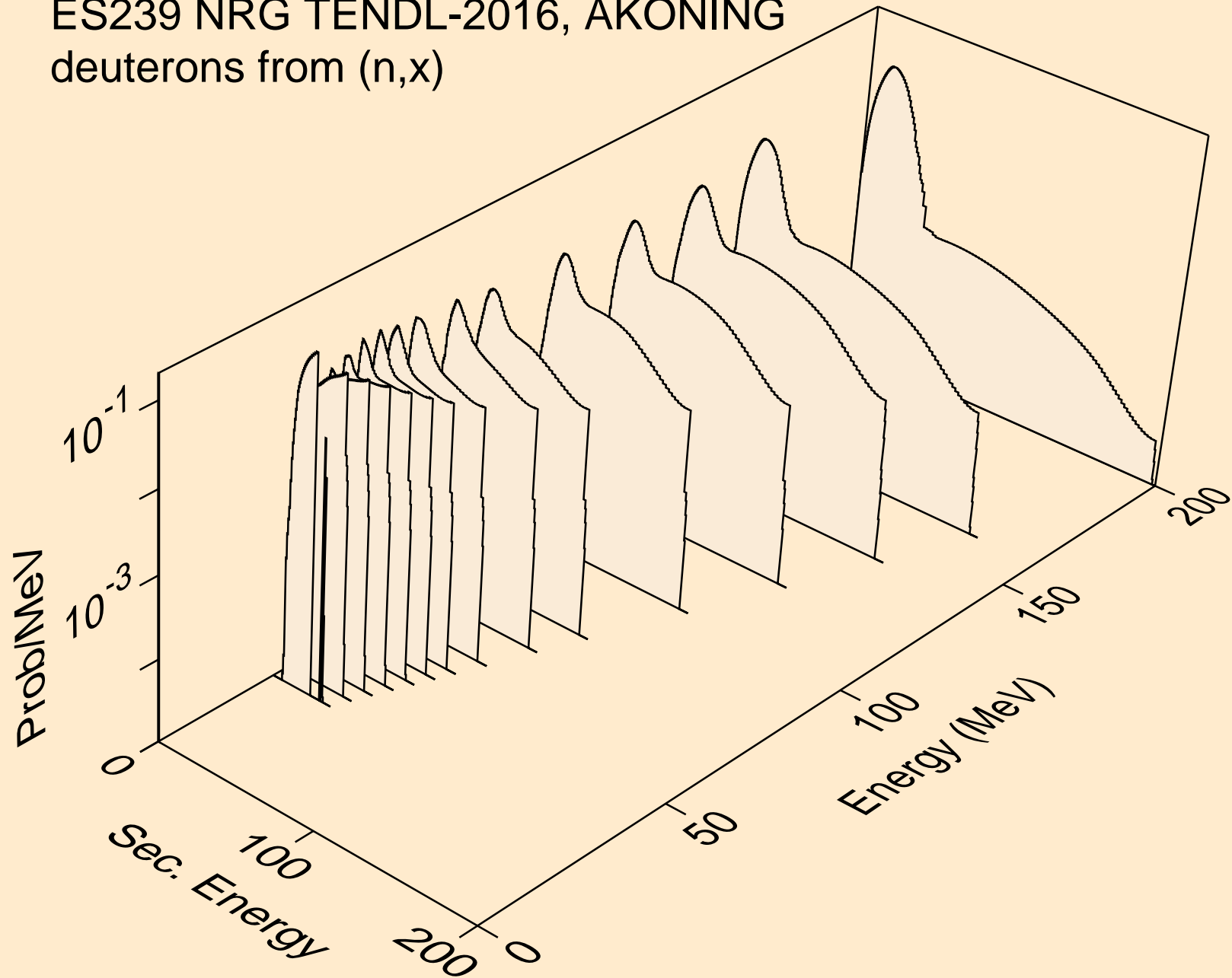
ES239 NRG TENDL-2016, AKONING
protons from (n,pa)



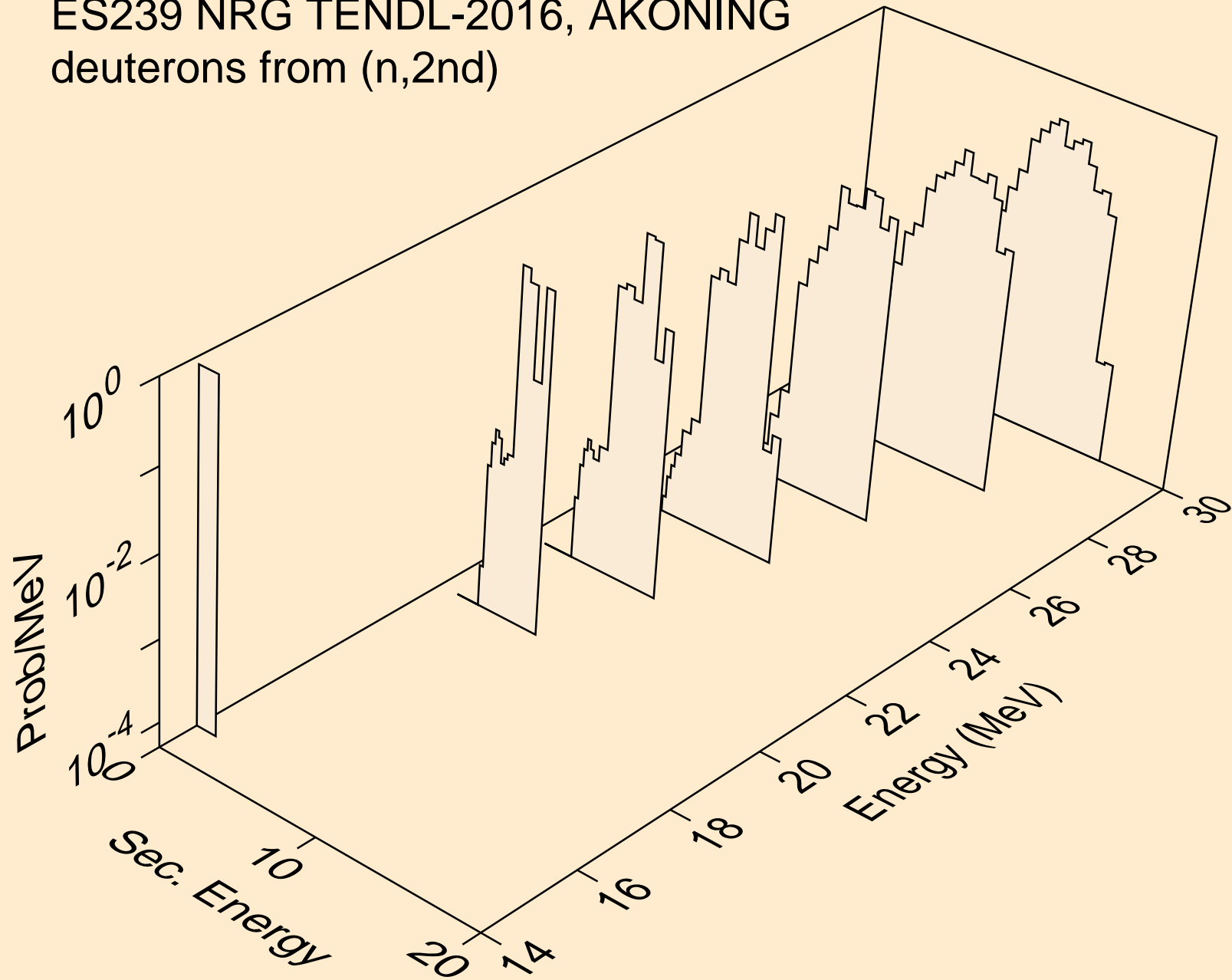
ES239 NRG TENDL-2016, AKONING
protons from (n,pd)



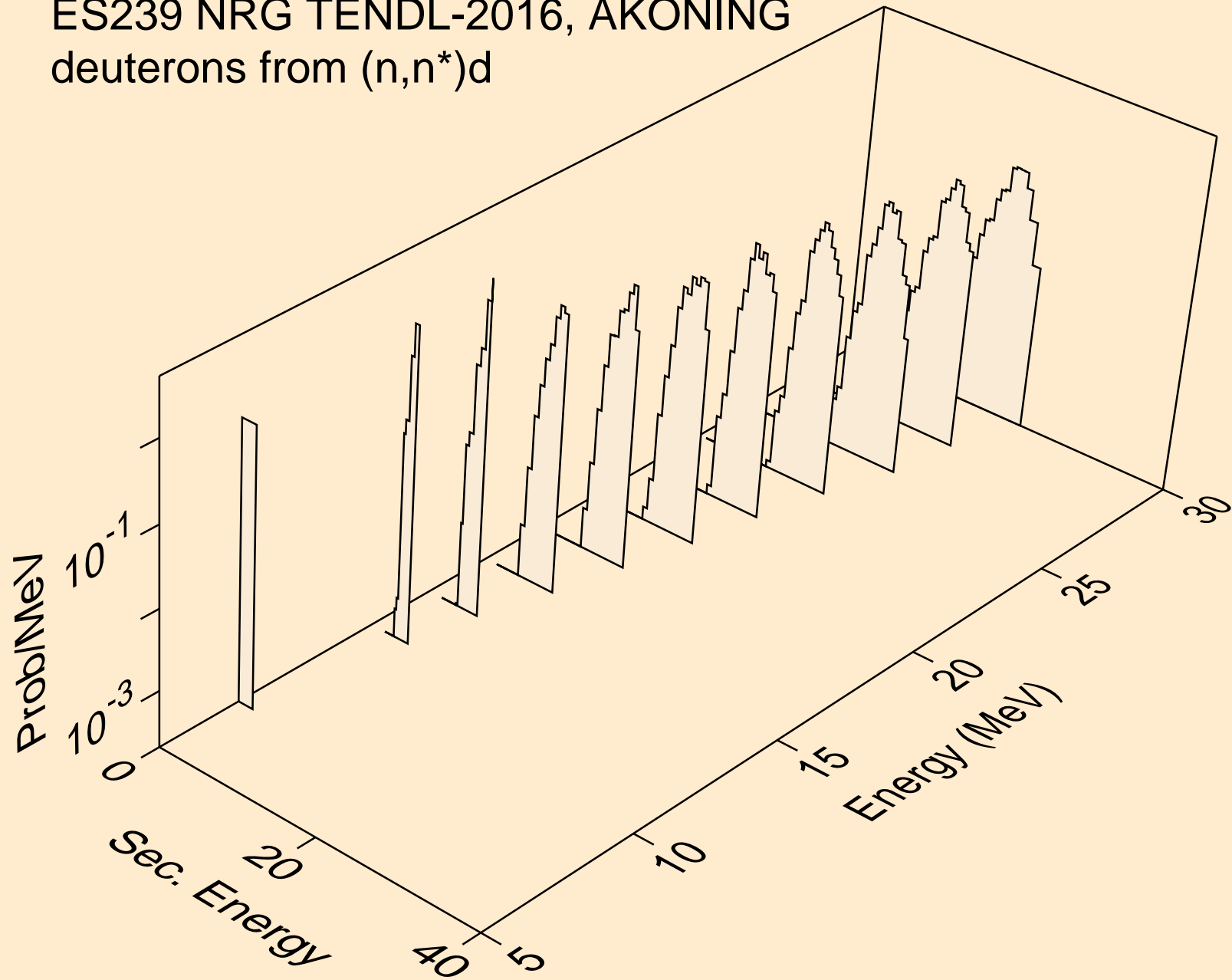
ES239 NRG TENDL-2016, AKONING
deuterons from (n,x)



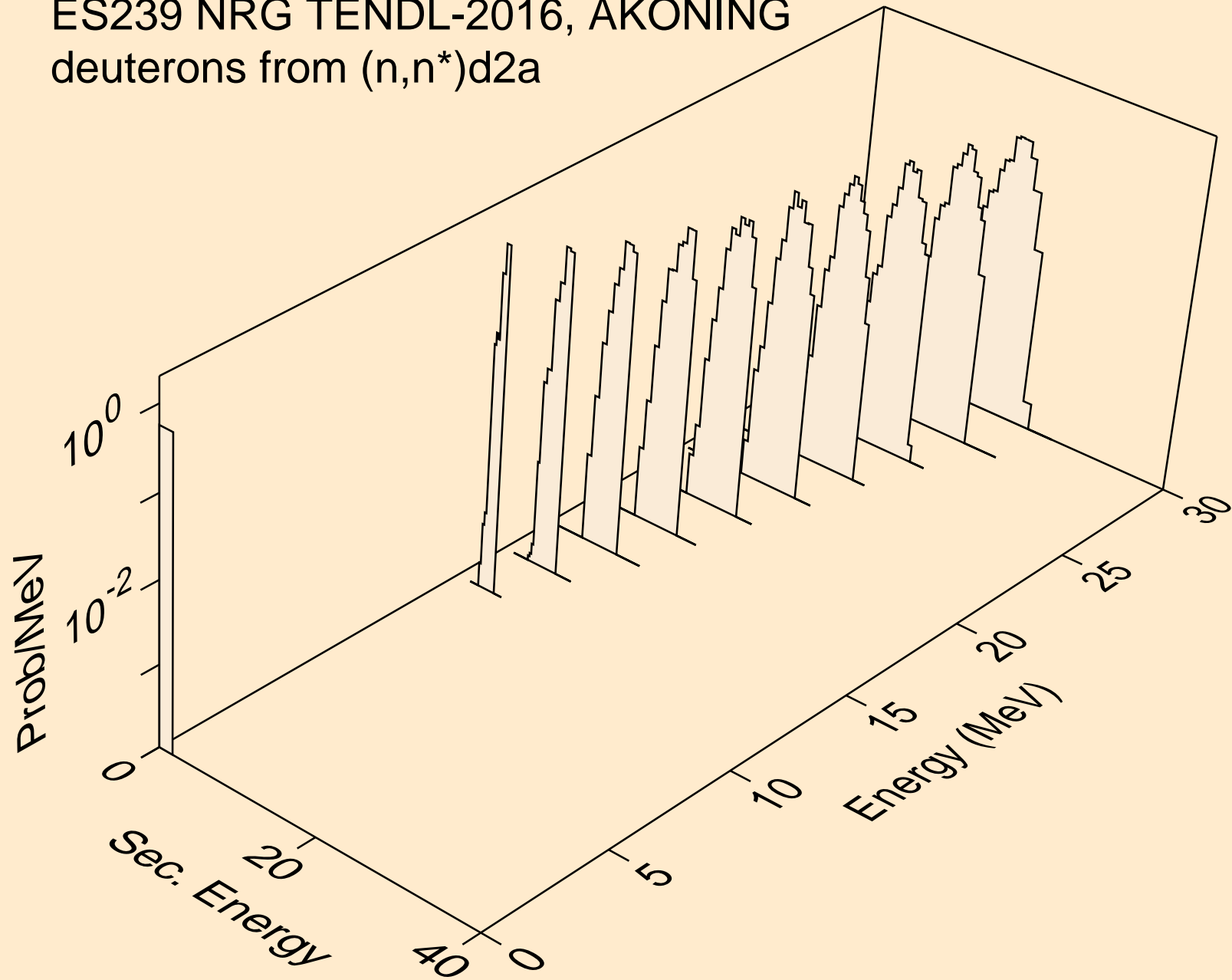
ES239 NRG TENDL-2016, AKONING
deuterons from (n,2nd)



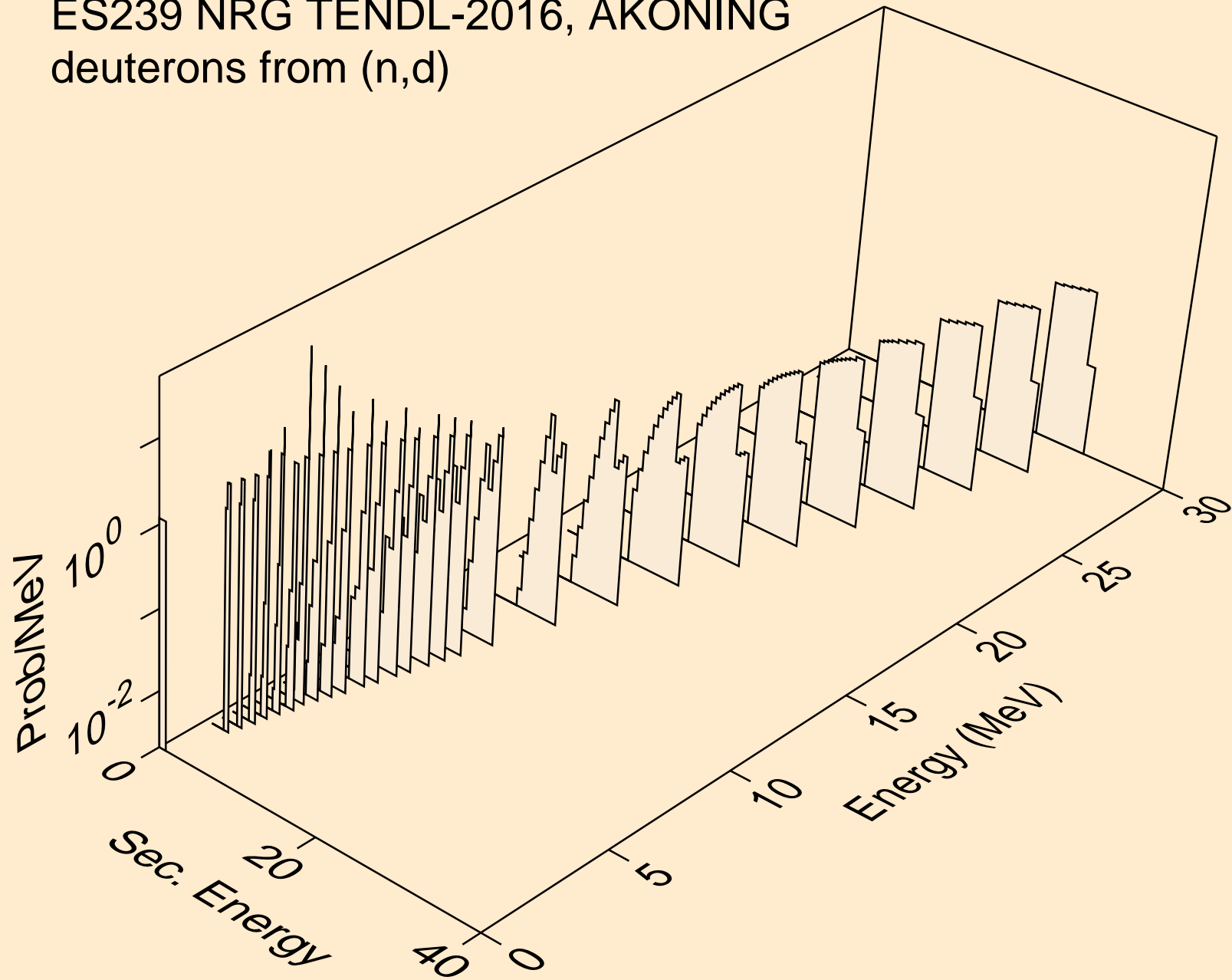
ES239 NRG TENDL-2016, AKONING
deuterons from (n,n*)d



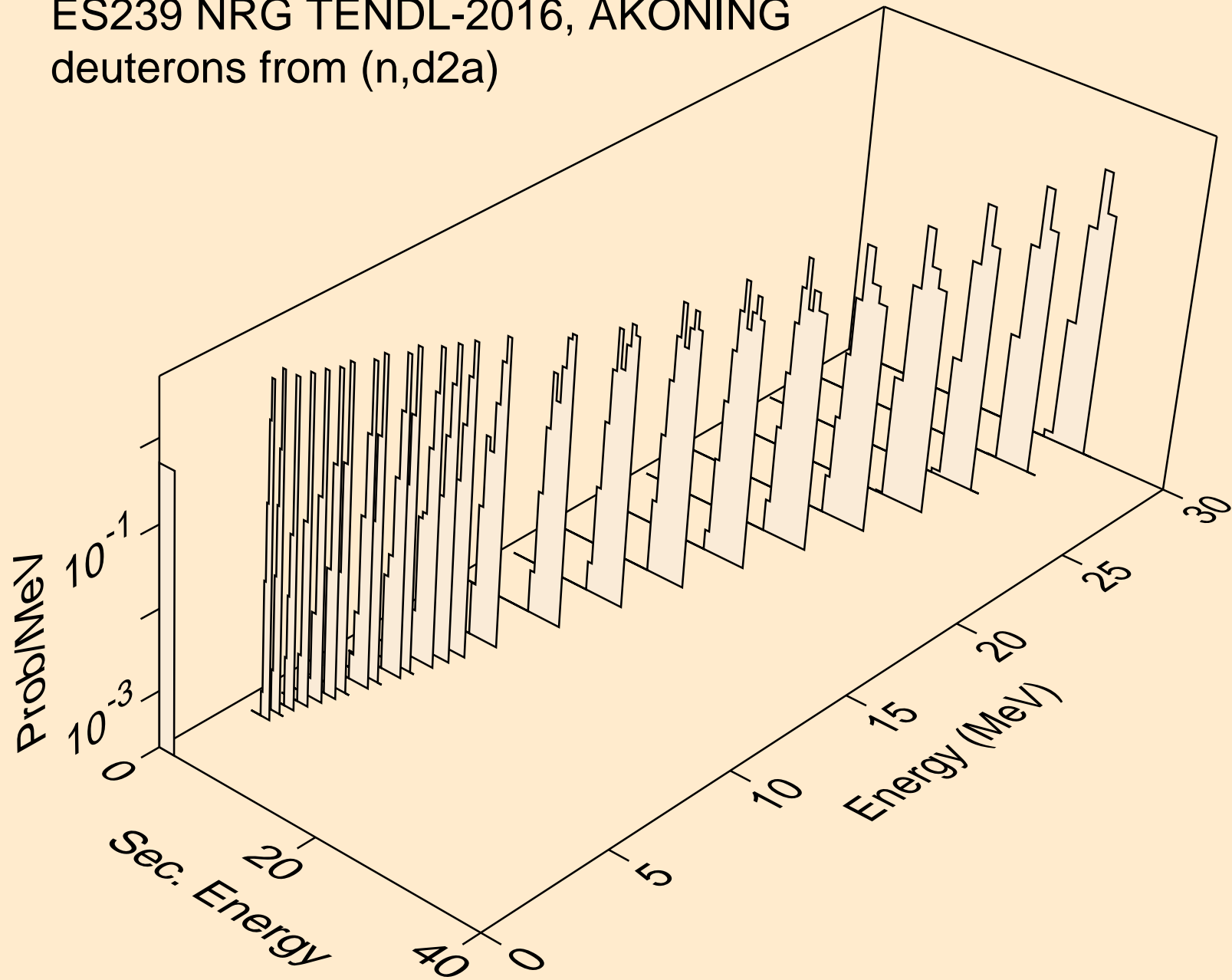
ES239 NRG TENDL-2016, AKONING
deuterons from (n,n*)d2a



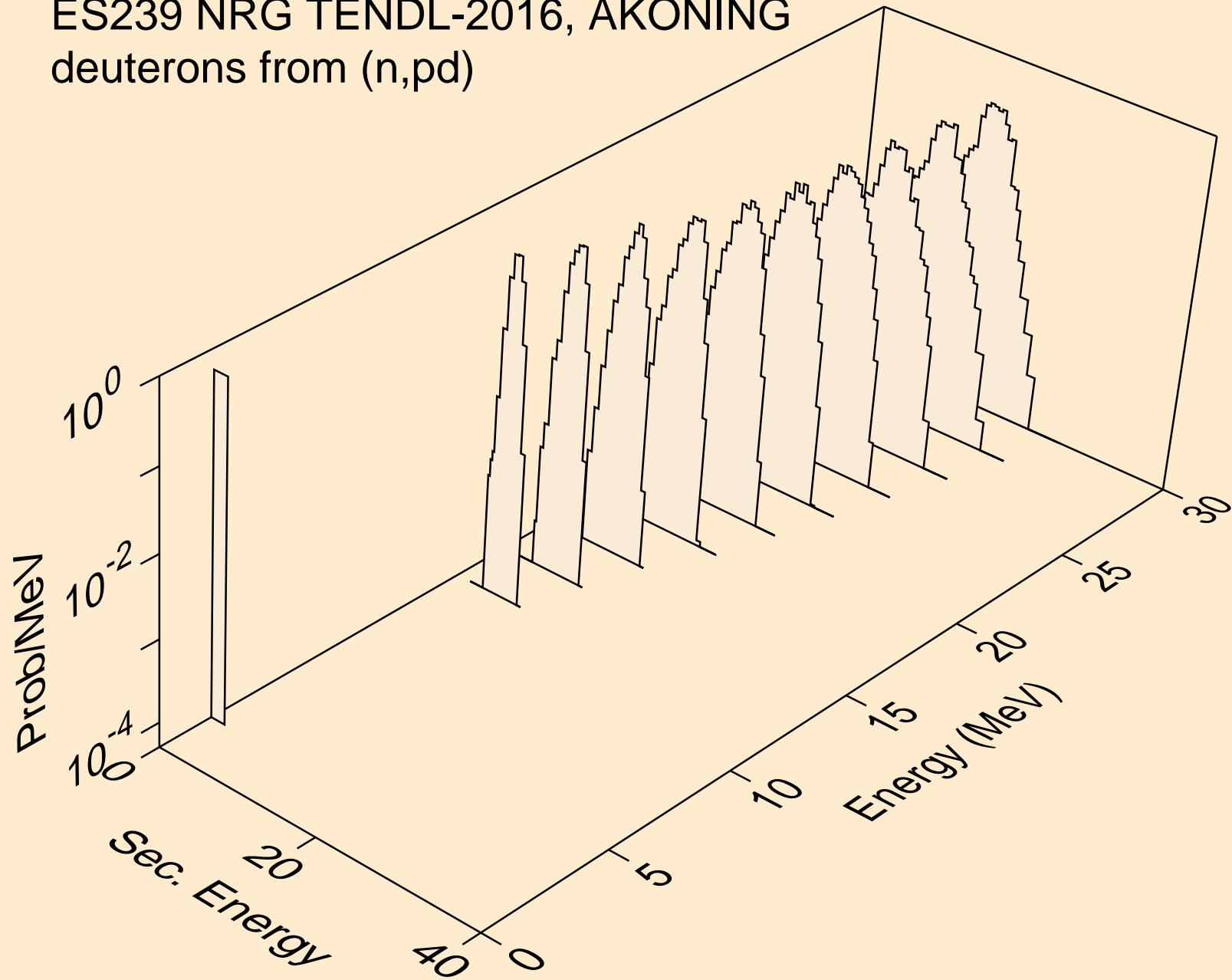
ES239 NRG TENDL-2016, AKONING
deuterons from (n,d)



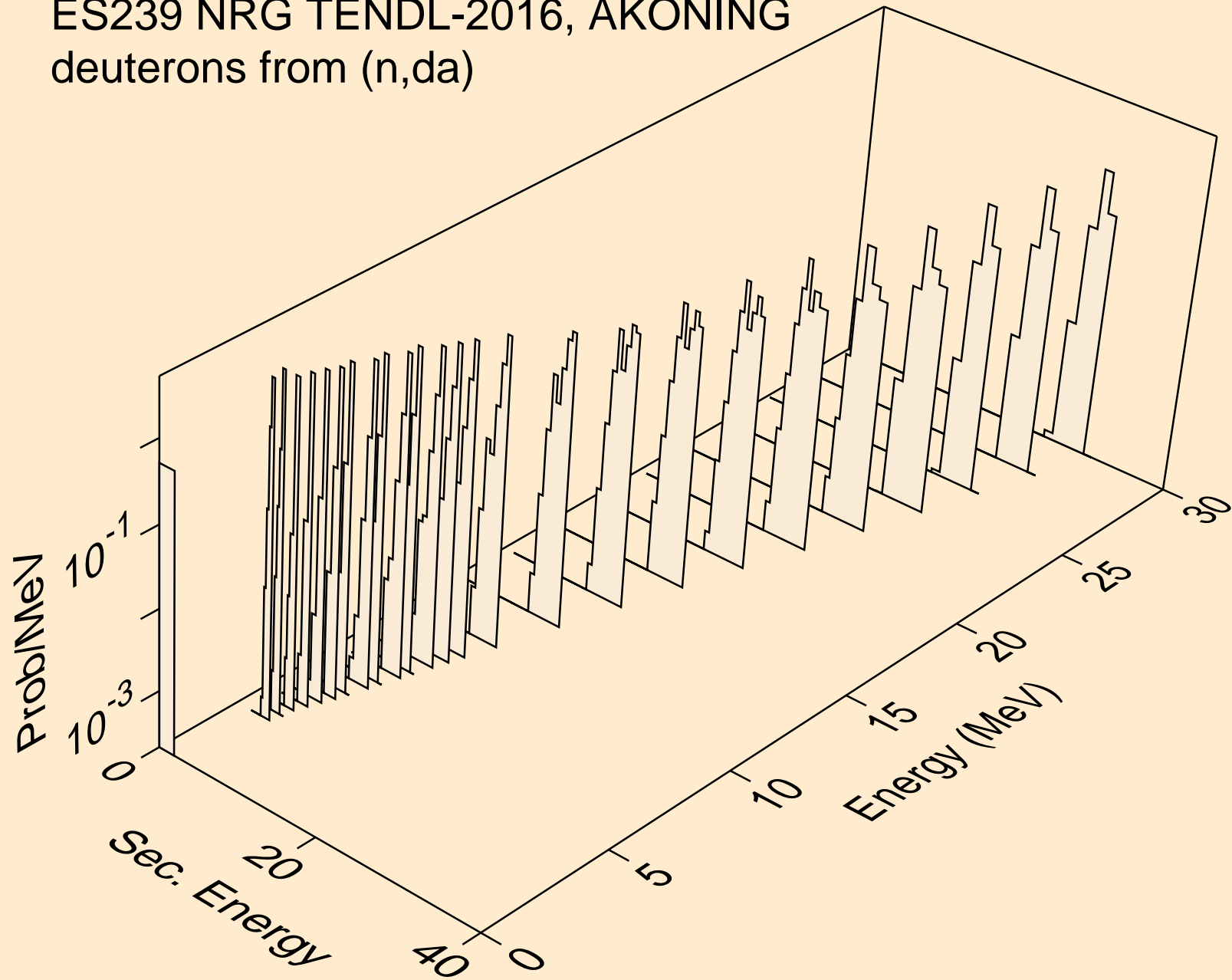
ES239 NRG TENDL-2016, AKONING
deuterons from (n,d2a)



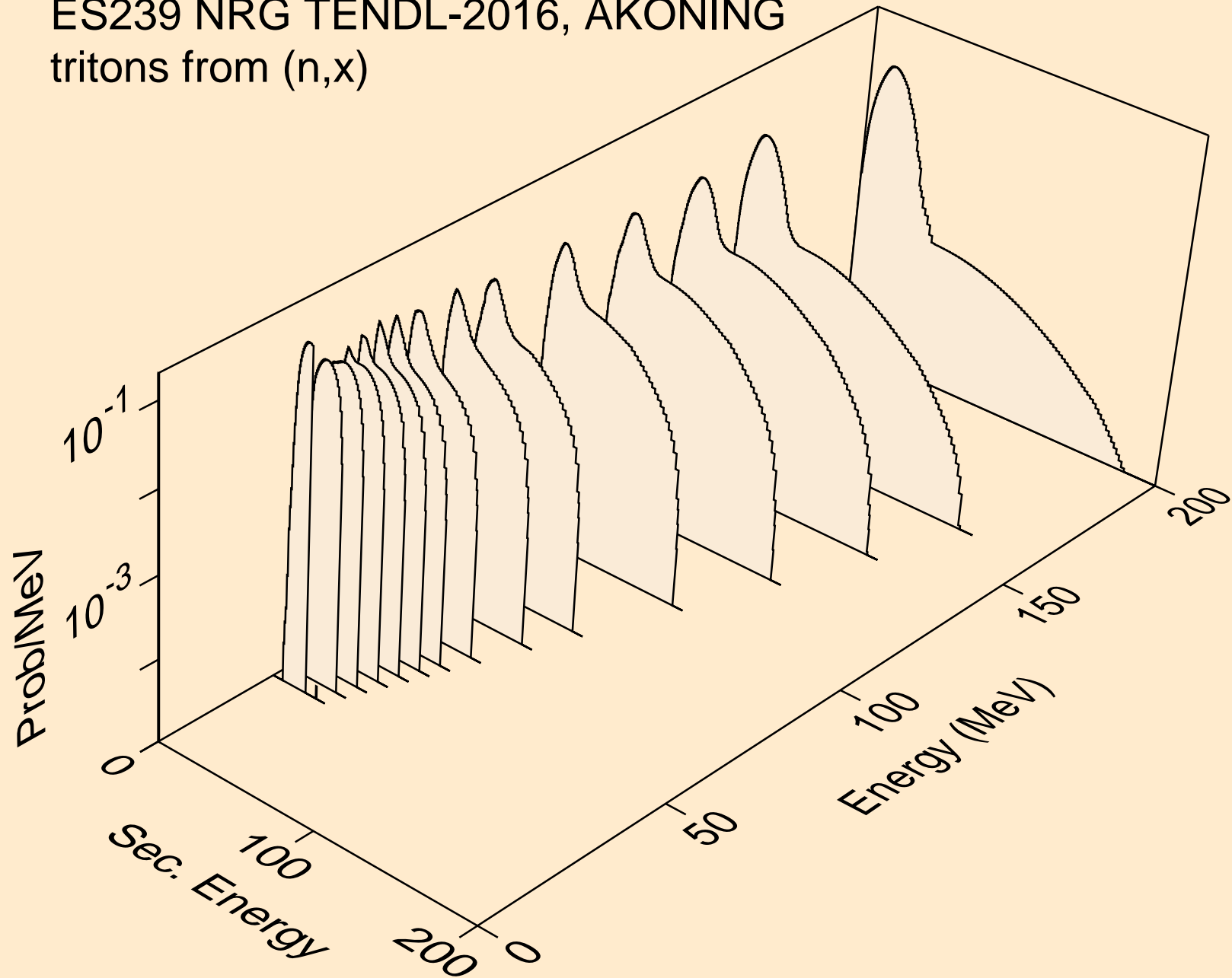
ES239 NRG TENDL-2016, AKONING
deuterons from (n,pd)



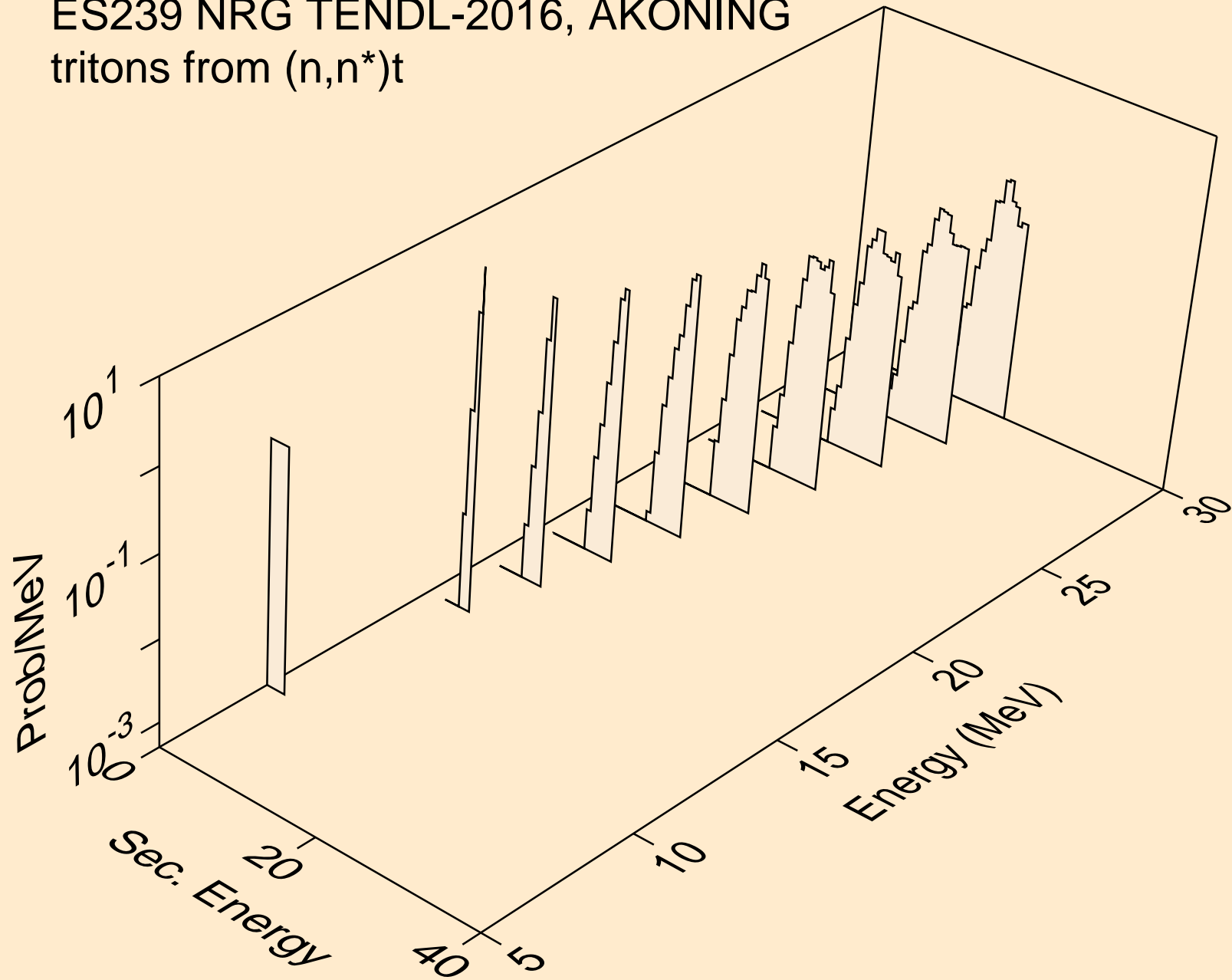
ES239 NRG TENDL-2016, AKONING
deuterons from (n,da)



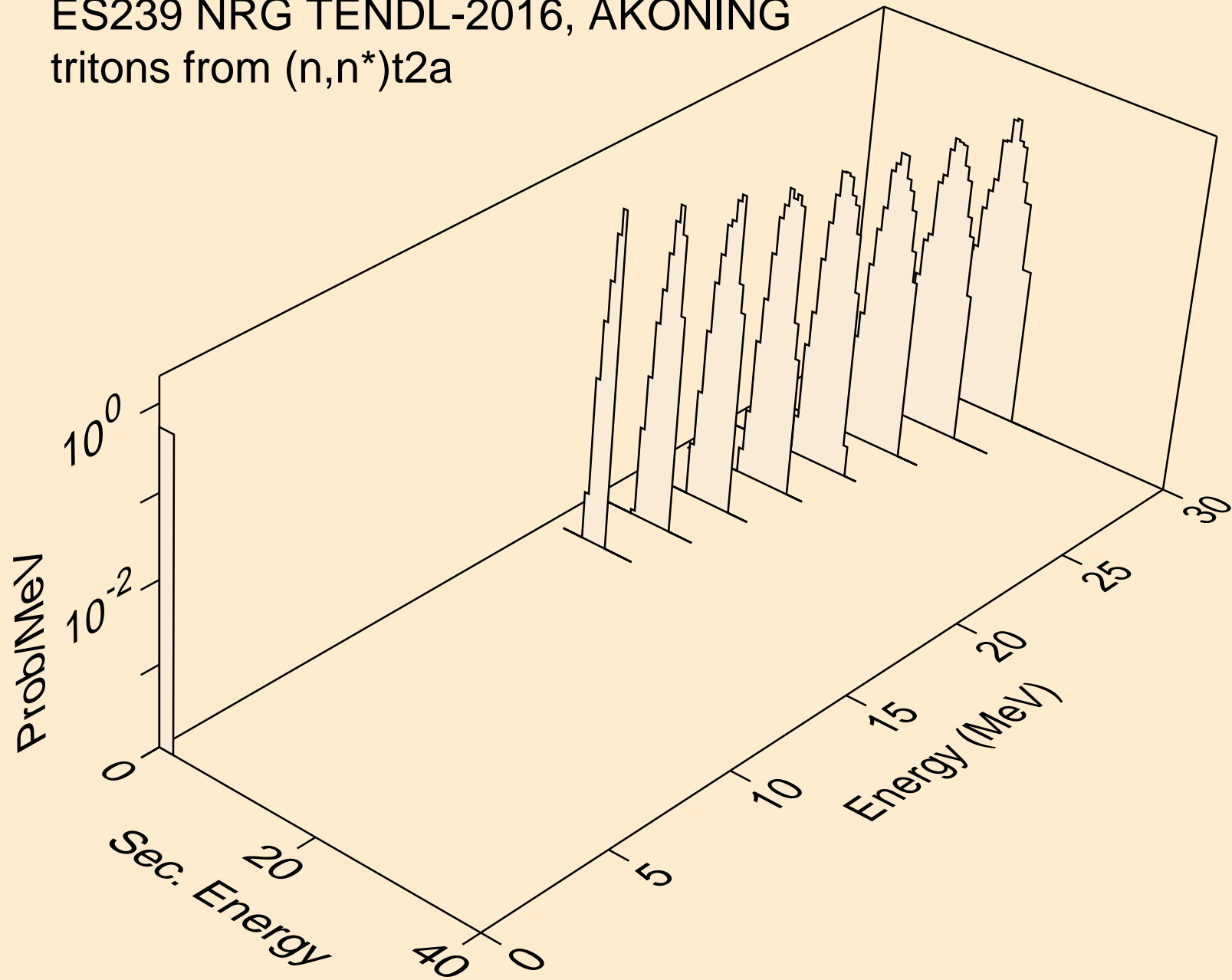
ES239 NRG TENDL-2016, AKONING
tritons from (n,x)



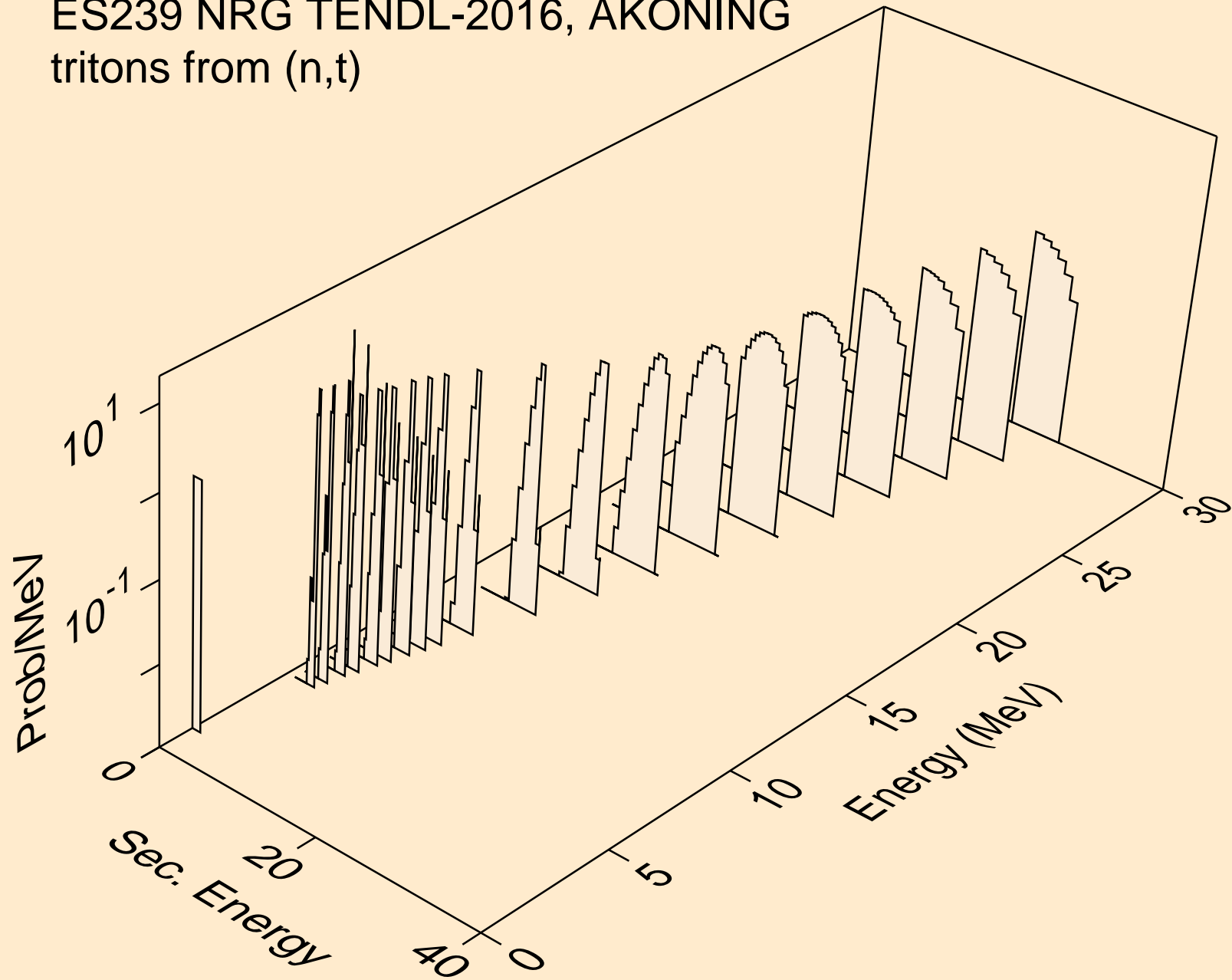
ES239 NRG TENDL-2016, AKONING
tritons from (n,n*)t



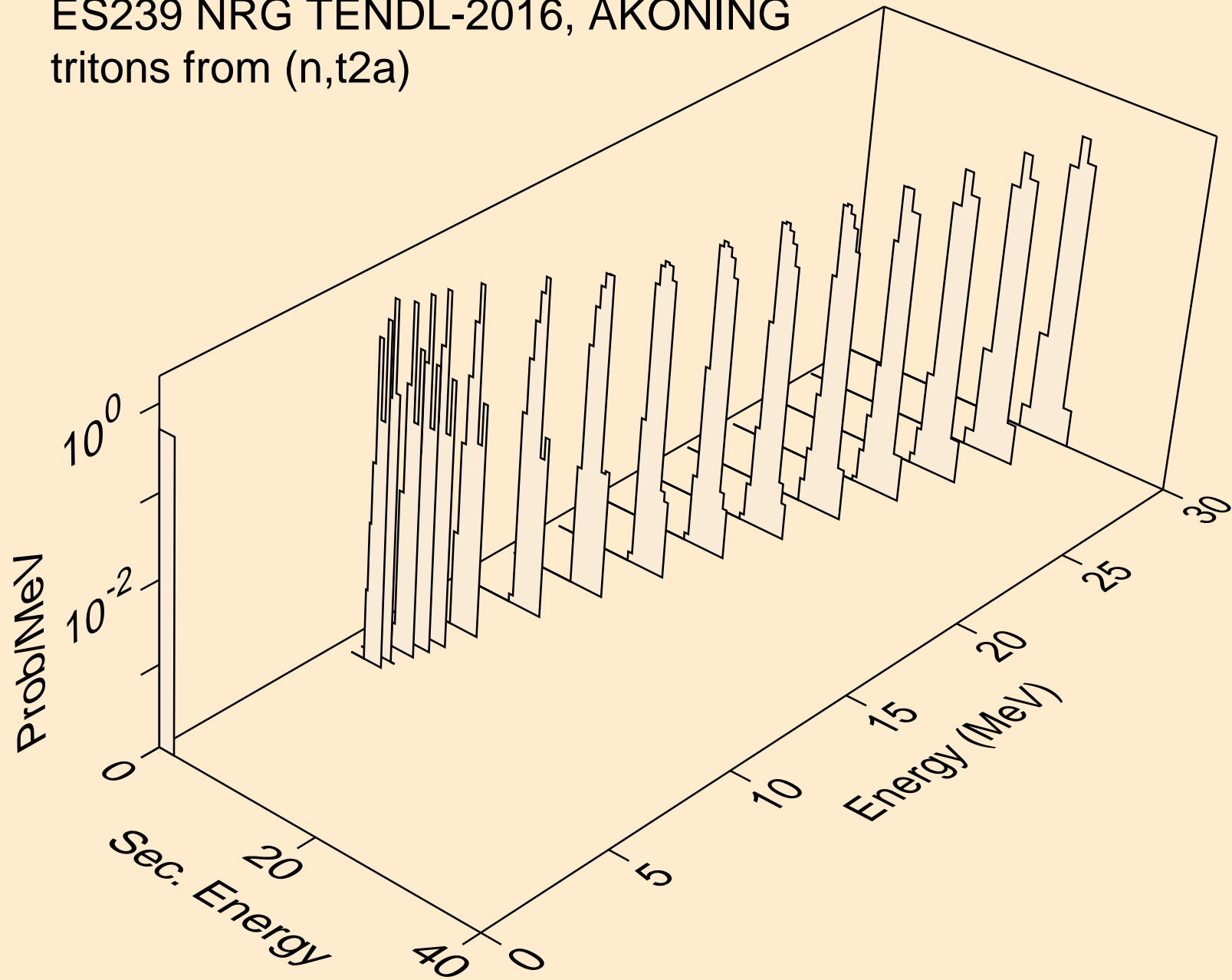
ES239 NRG TENDL-2016, AKONING
tritons from (n,n*)t2a



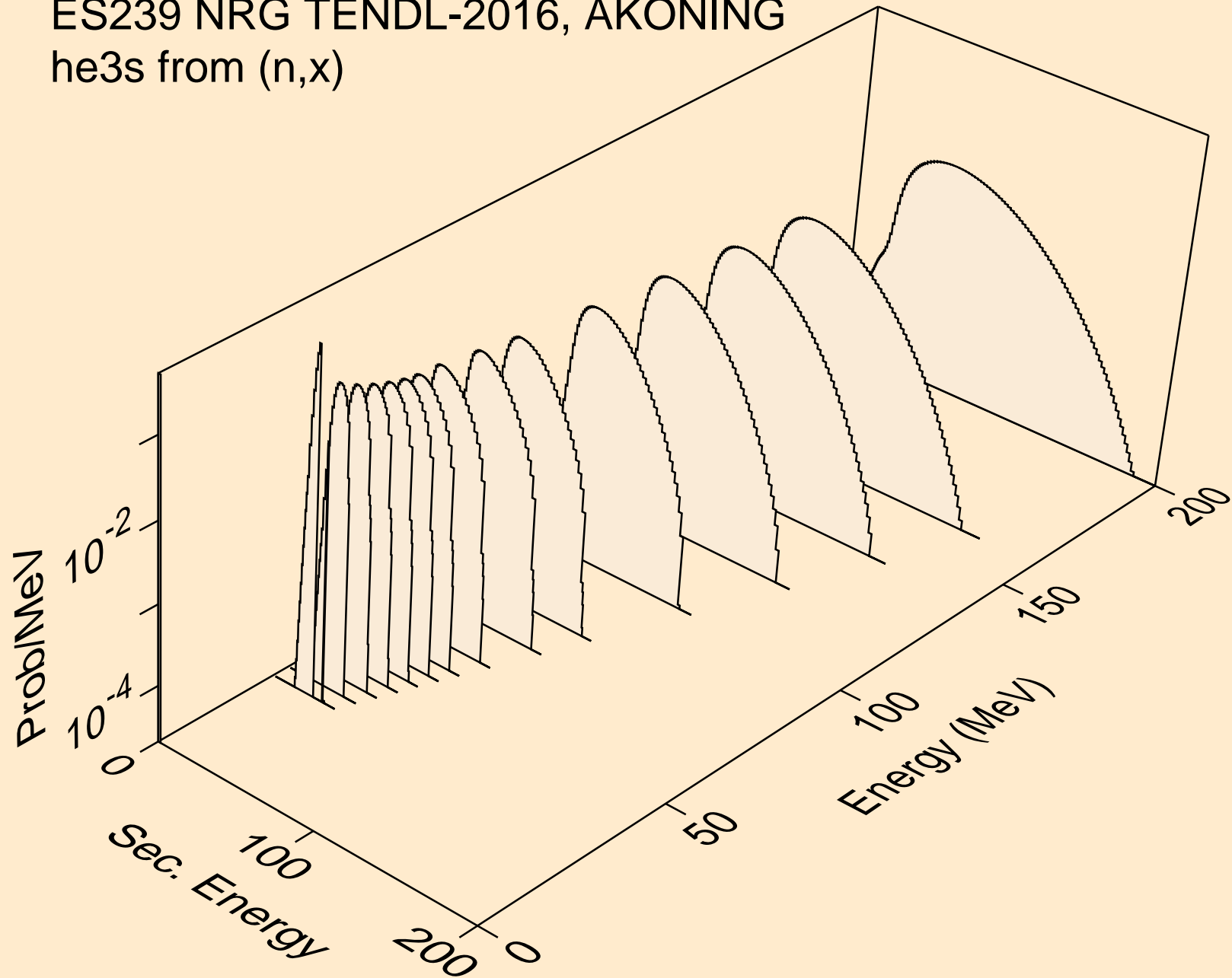
ES239 NRG TENDL-2016, AKONING
tritons from (n,t)



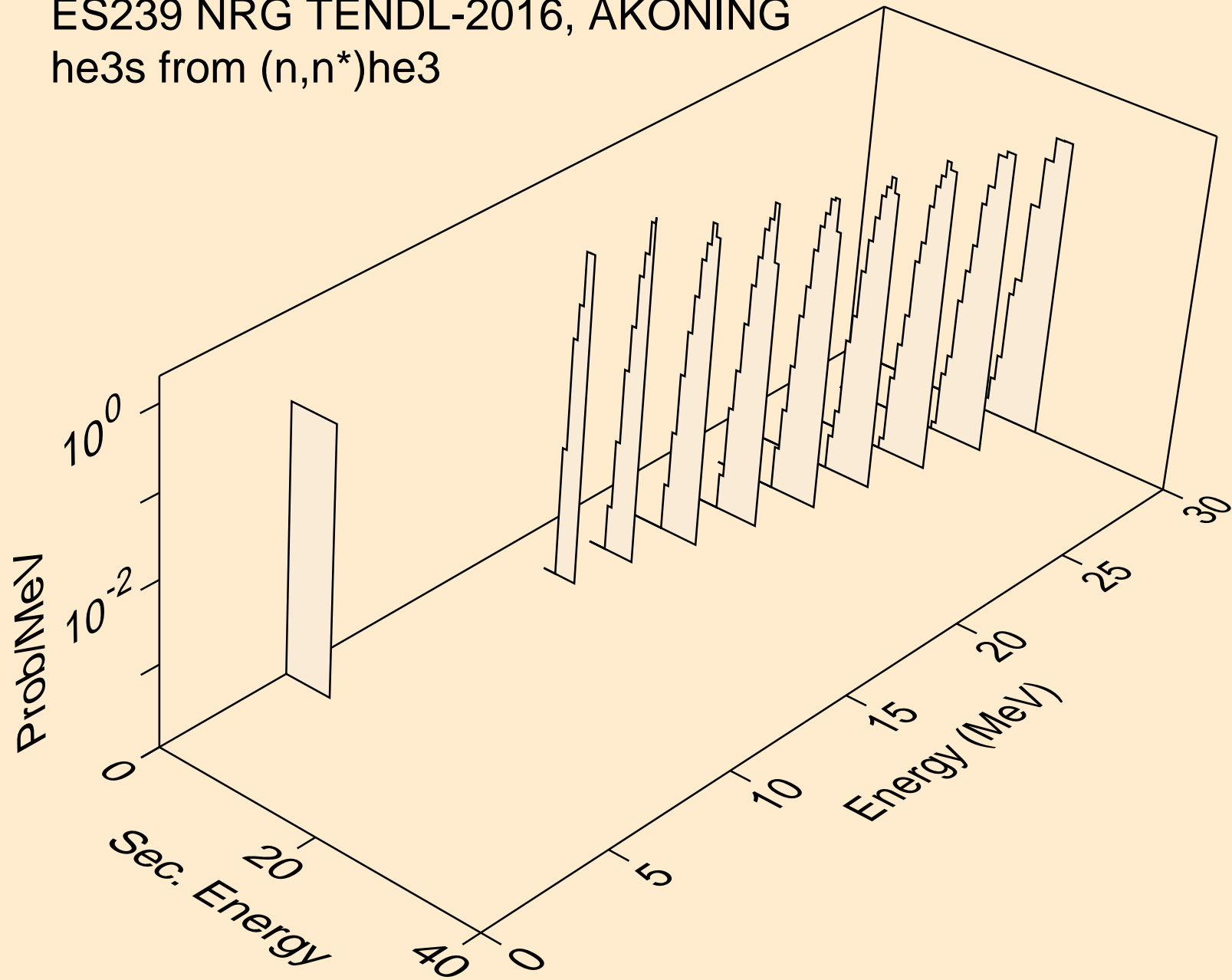
ES239 NRG TENDL-2016, AKONING
tritons from (n,t2a)



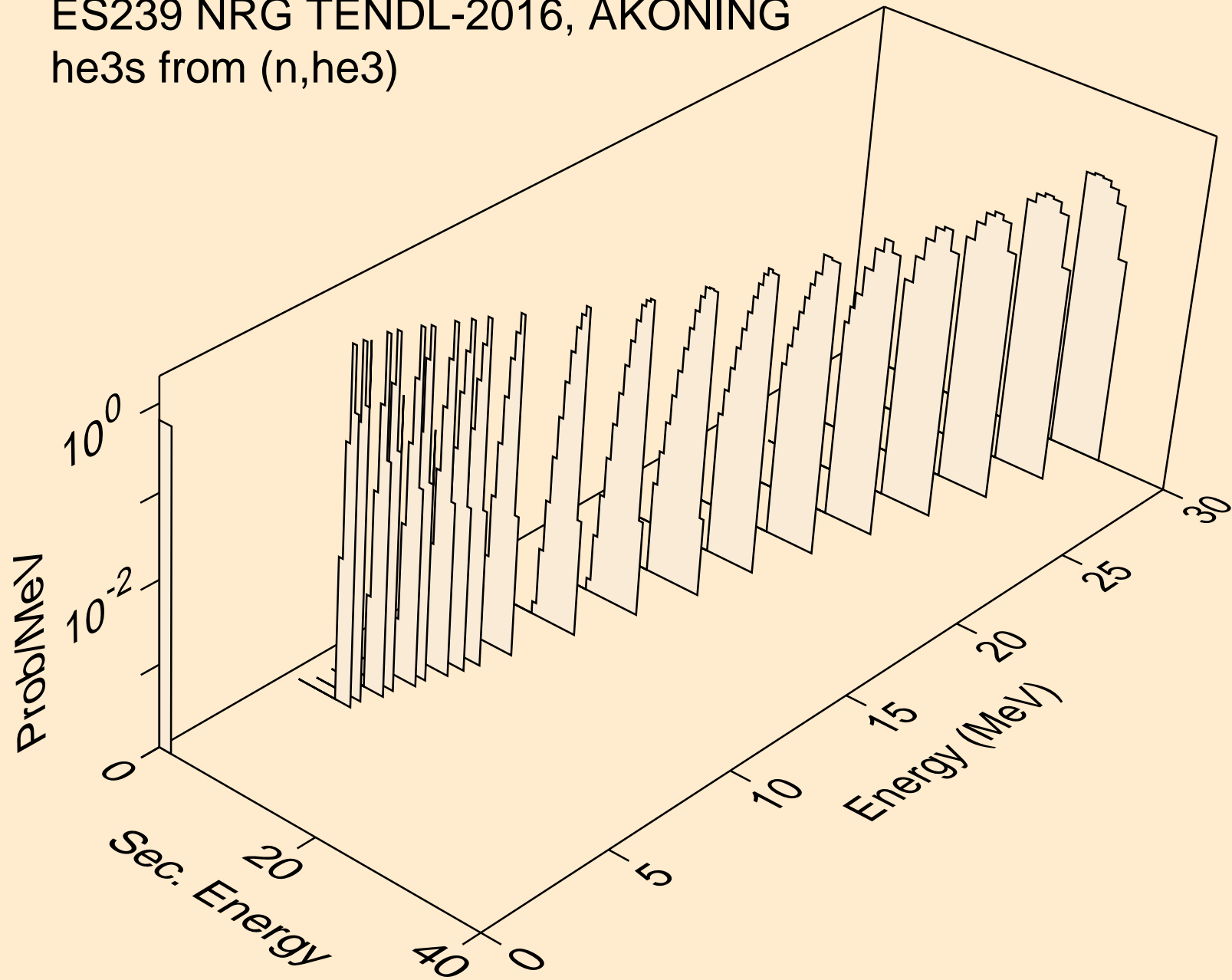
ES239 NRG TENDL-2016, AKONING
he3s from (n,x)



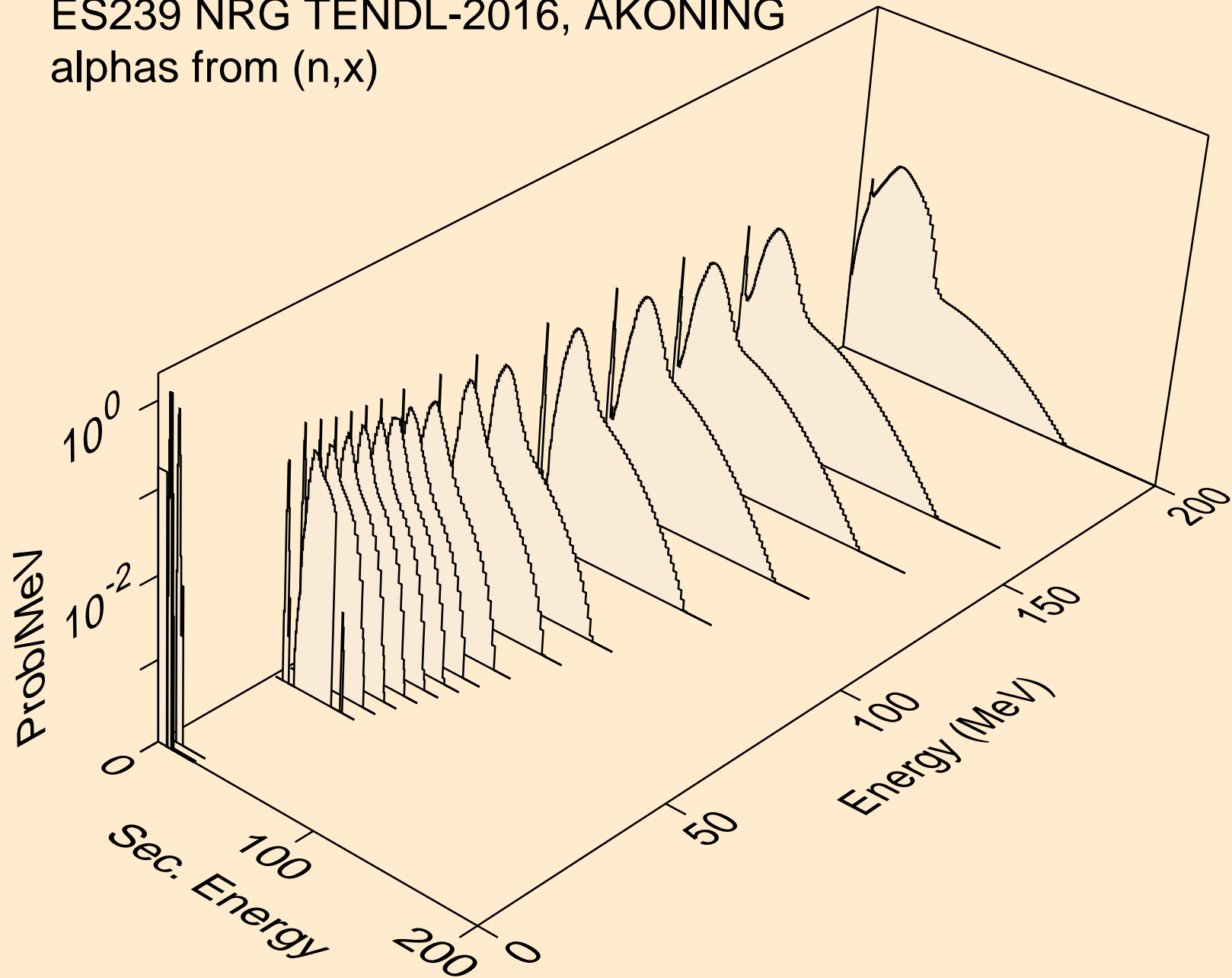
ES239 NRG TENDL-2016, AKONING
he3s from (n,n*)he3



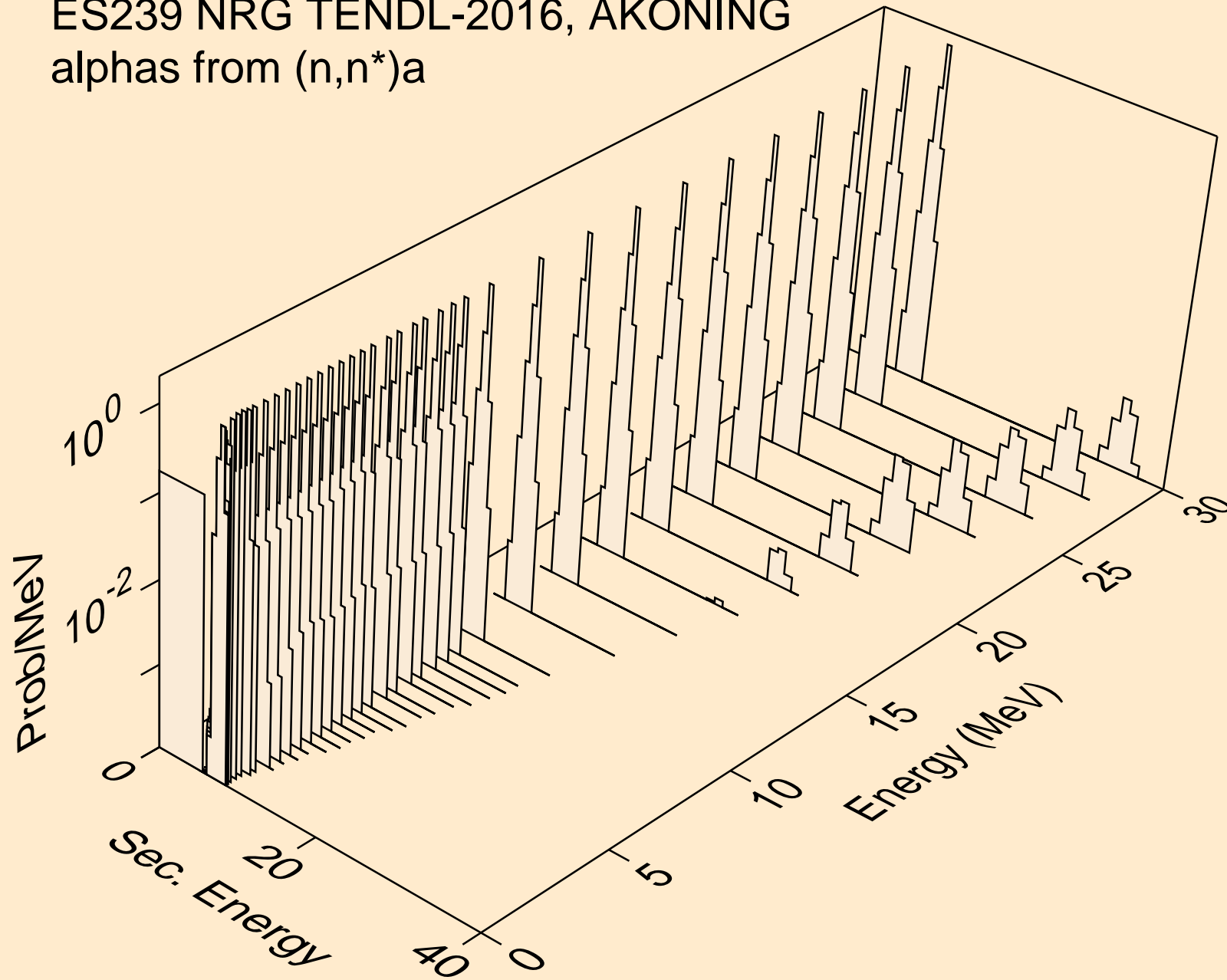
ES239 NRG TENDL-2016, AKONING
he3s from (n,he3)



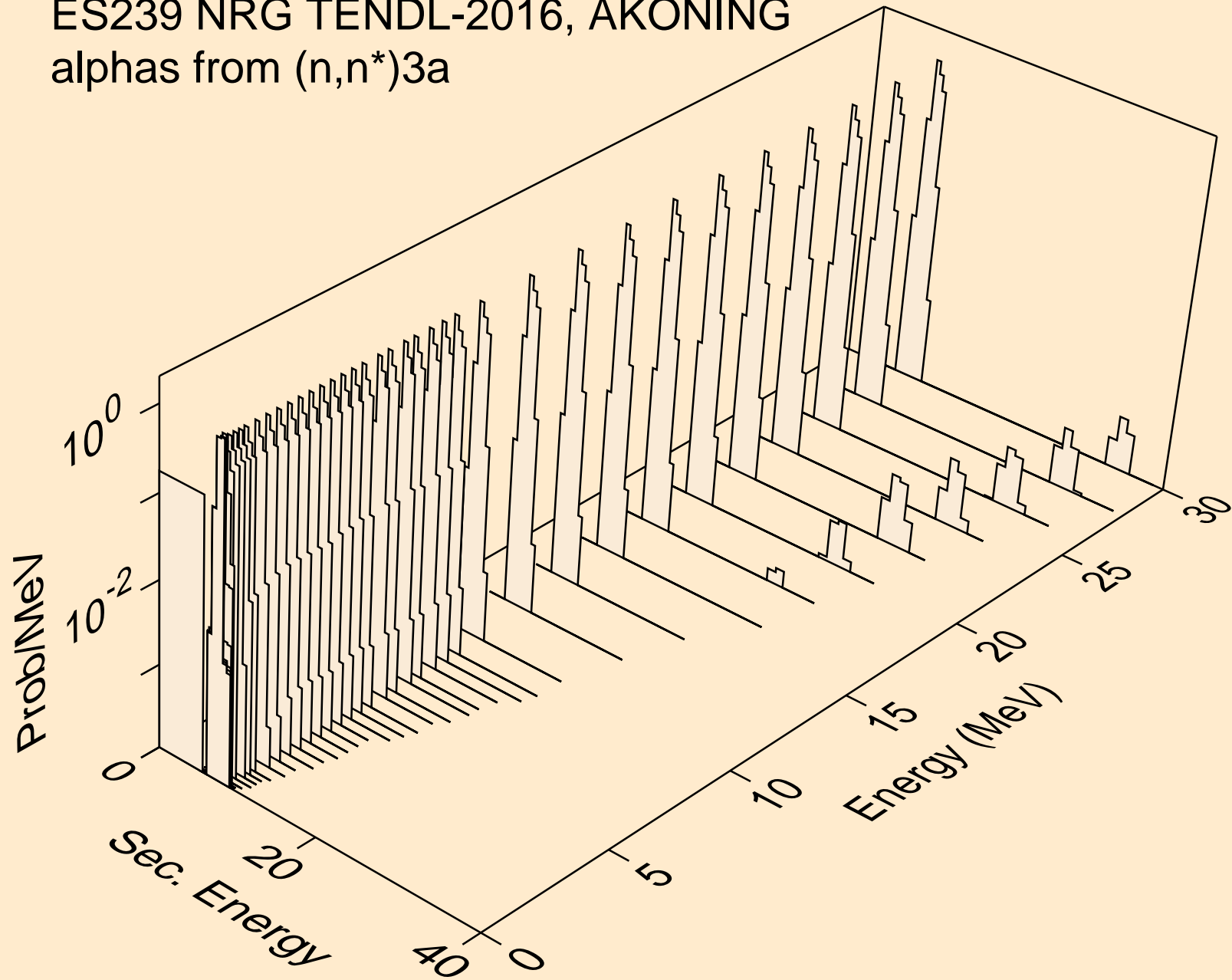
ES239 NRG TENDL-2016, AKONING
alphas from (n,x)



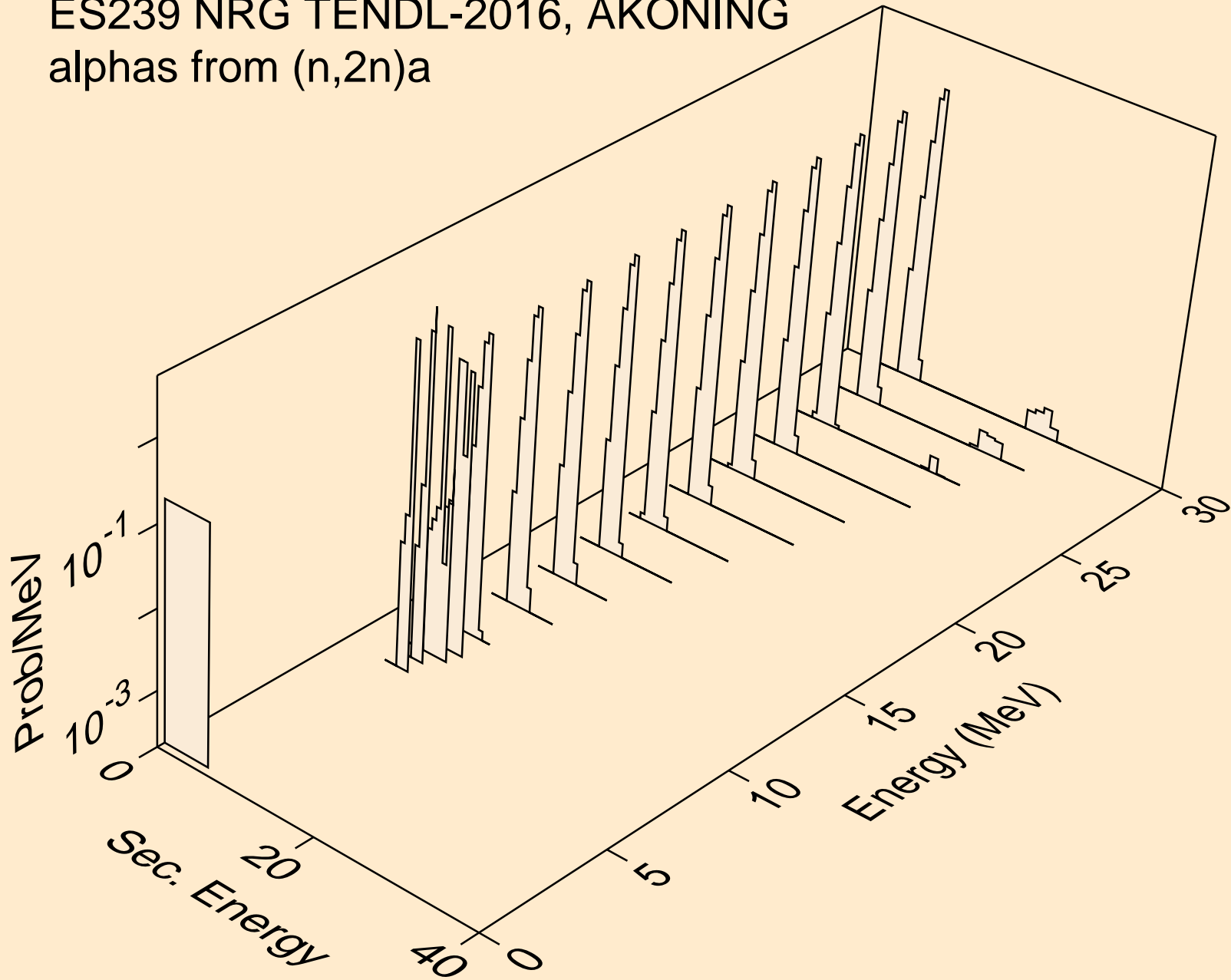
ES239 NRG TENDL-2016, AKONING
alphas from (n,n*)a



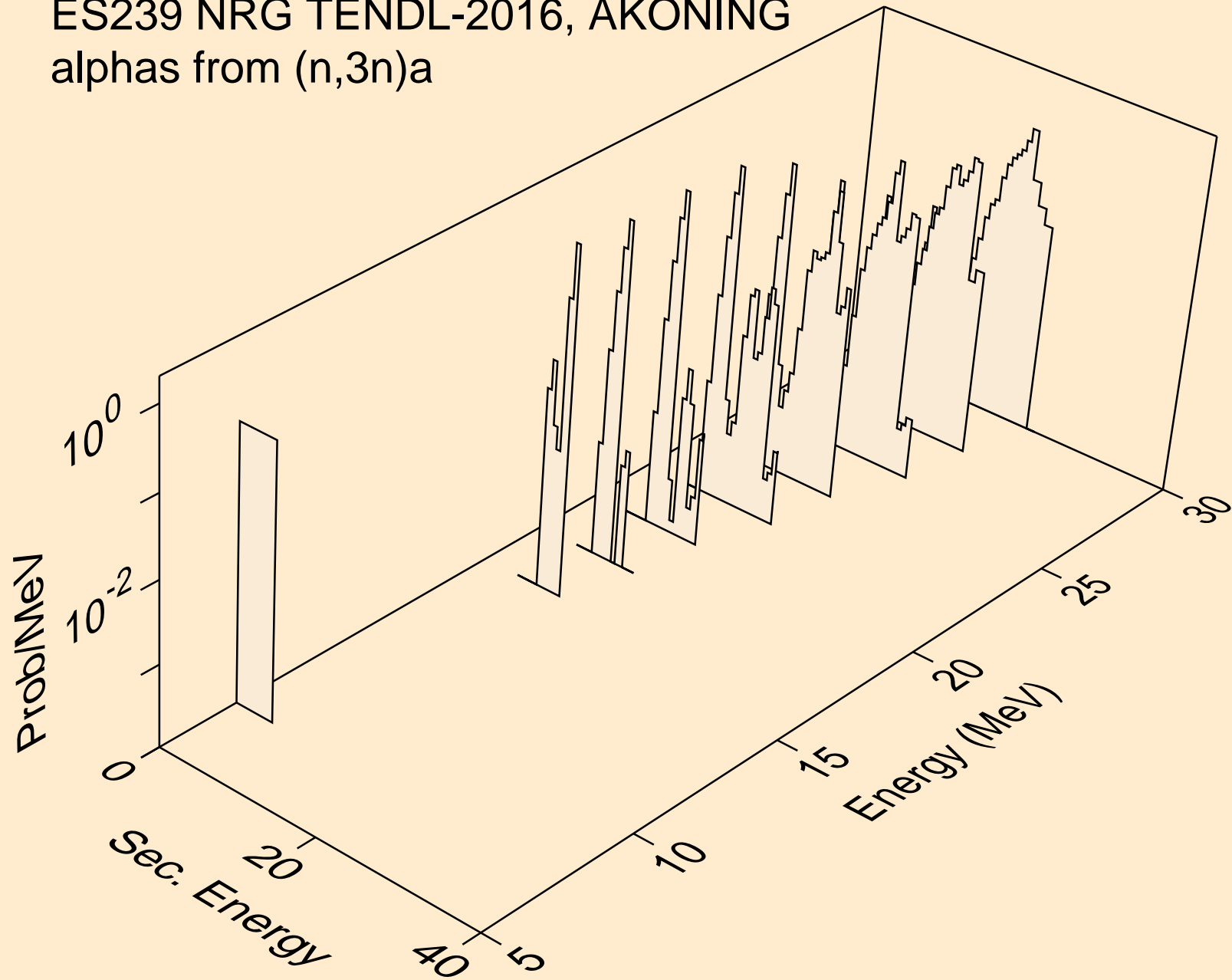
ES239 NRG TENDL-2016, AKONING
alphas from (n,n*)3a



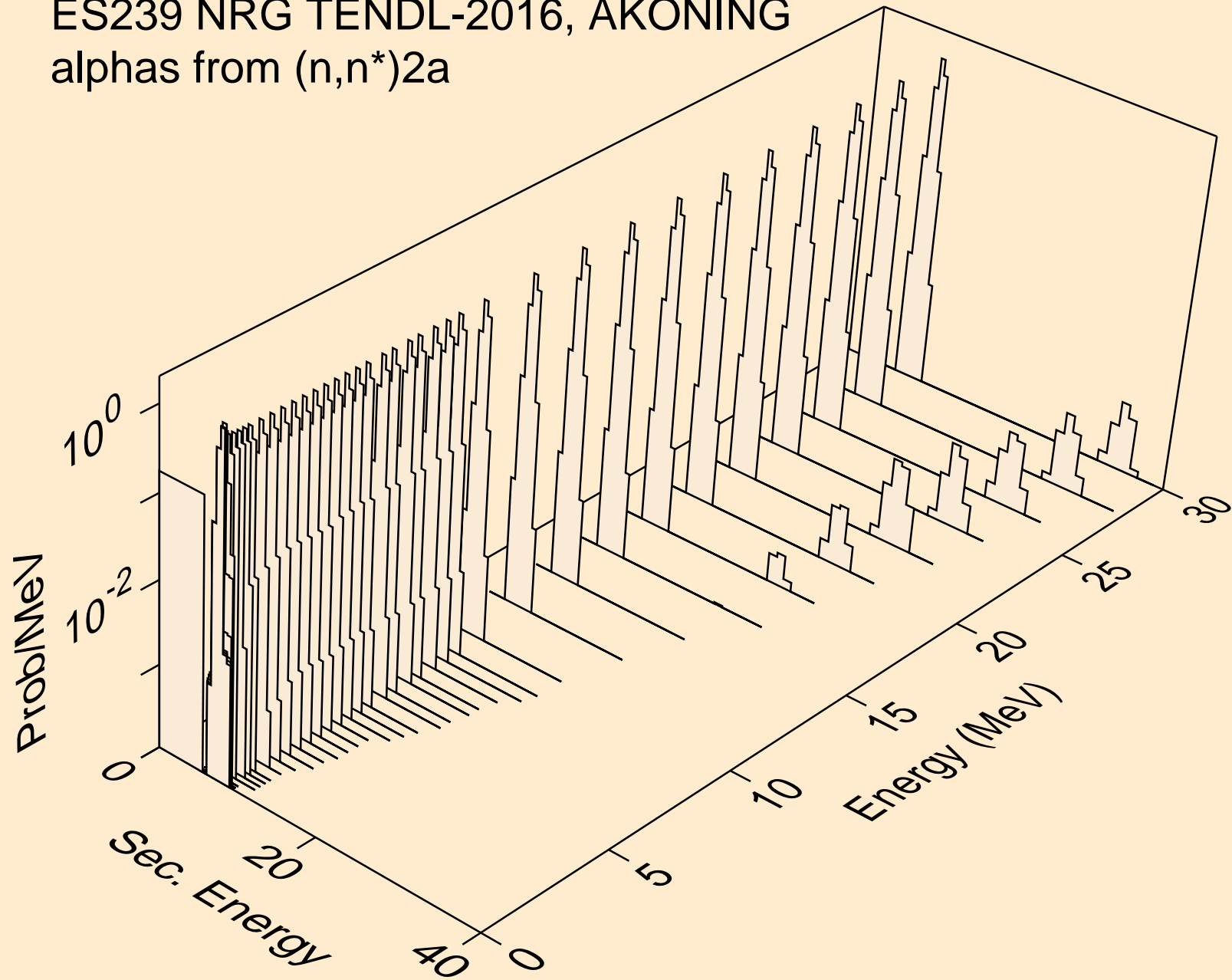
ES239 NRG TENDL-2016, AKONING
alphas from (n,2n)a



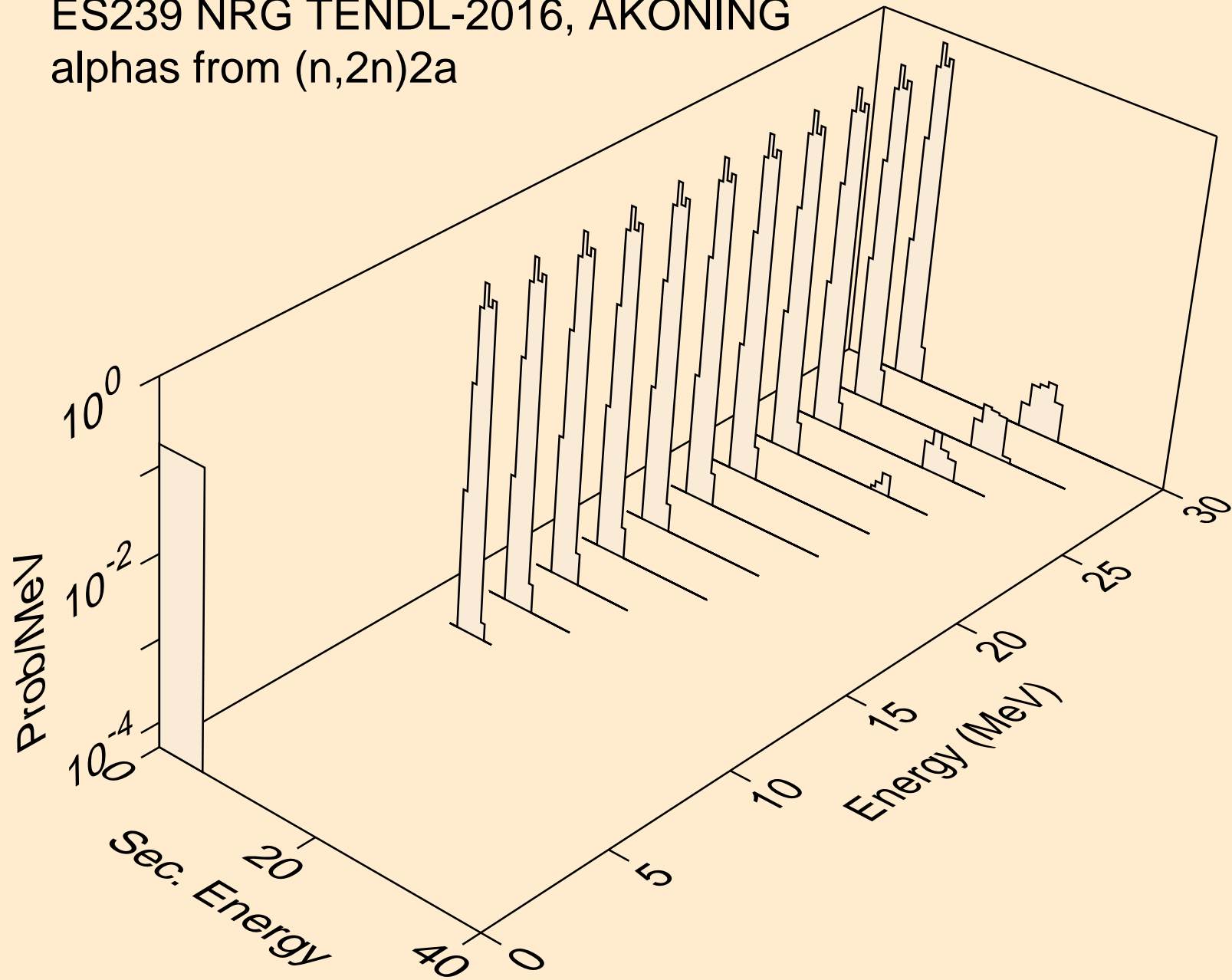
ES239 NRG TENDL-2016, AKONING
alphas from (n,3n)a



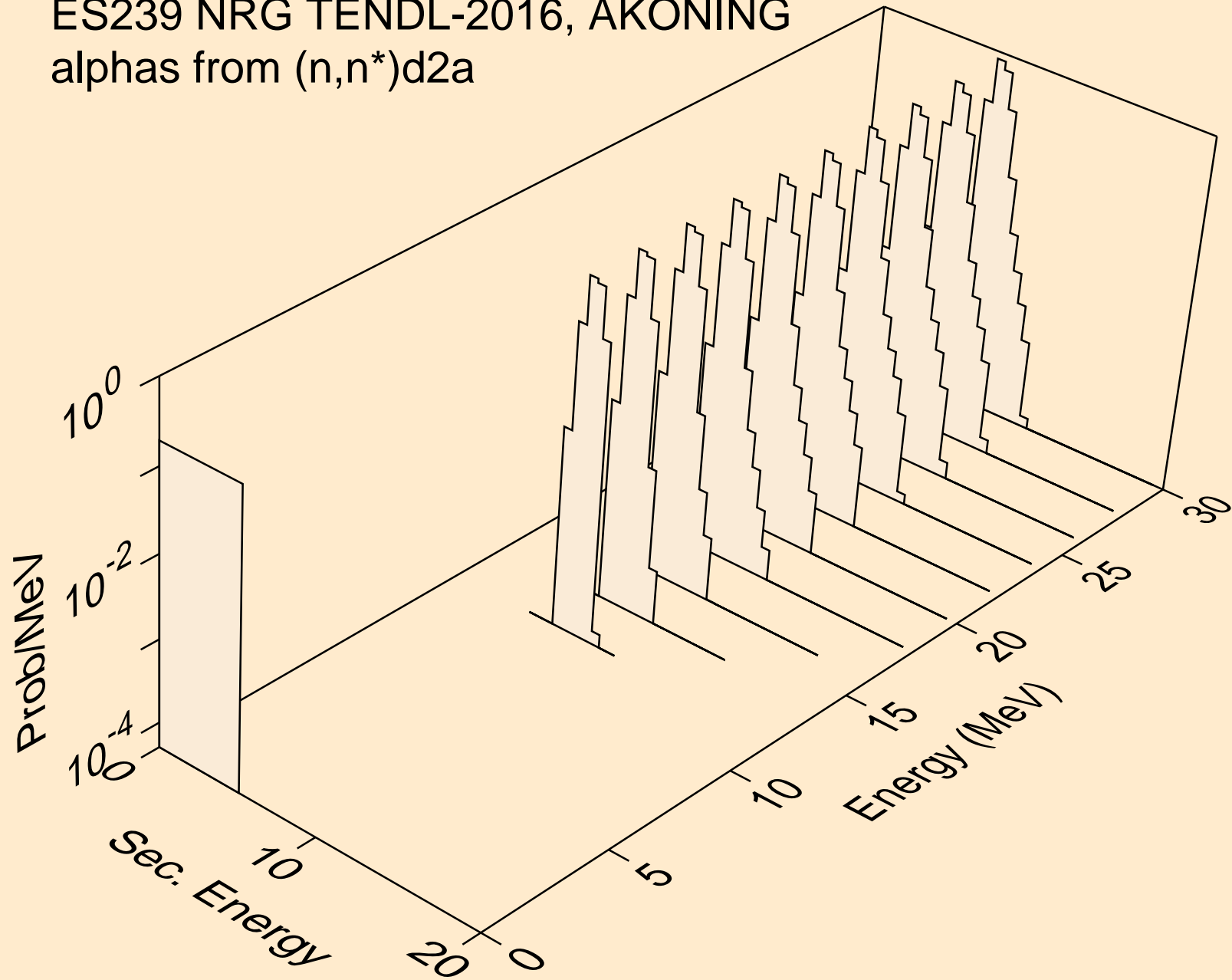
ES239 NRG TENDL-2016, AKONING
alphas from (n,n*)2a



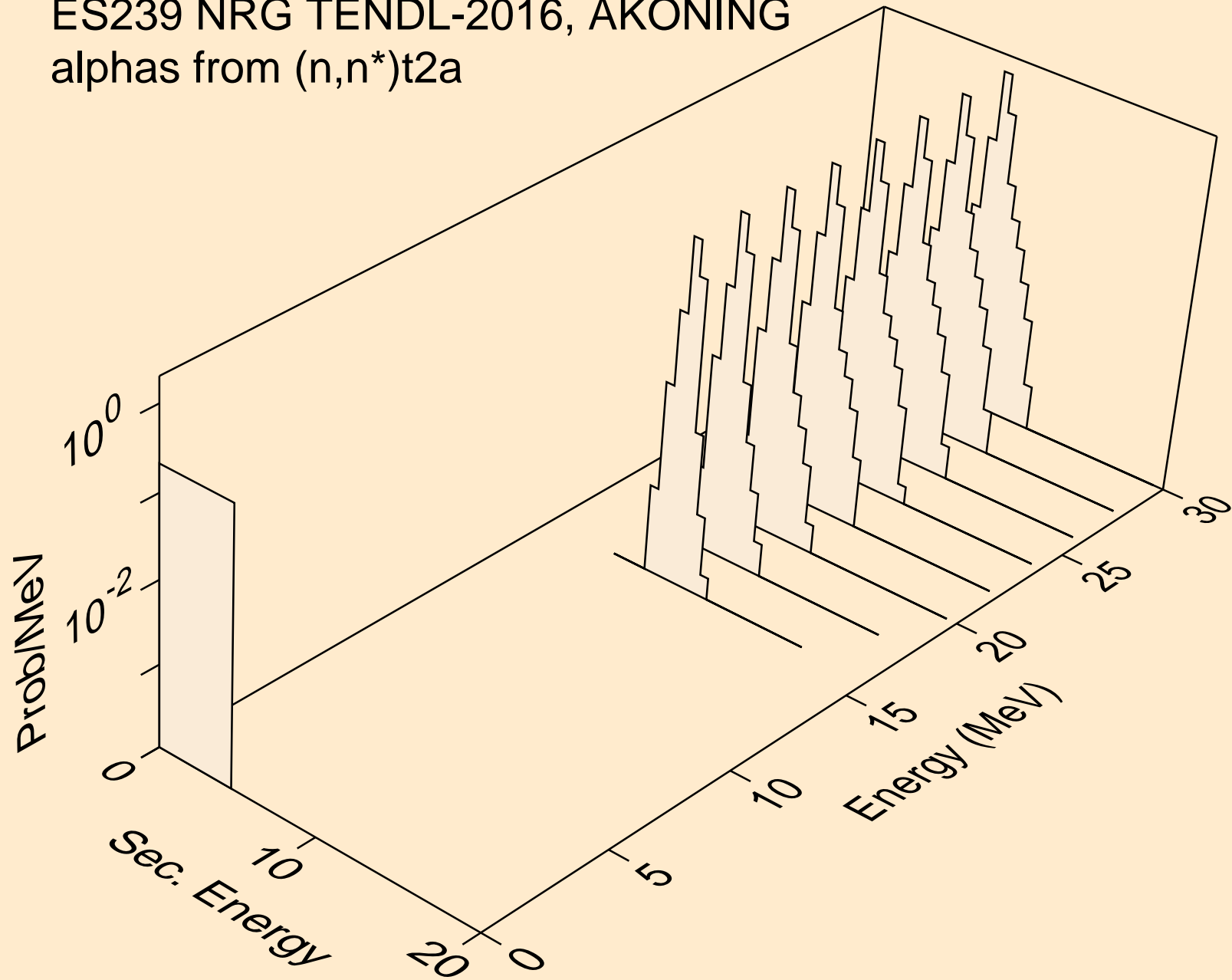
ES239 NRG TENDL-2016, AKONING
alphas from (n,2n)2a



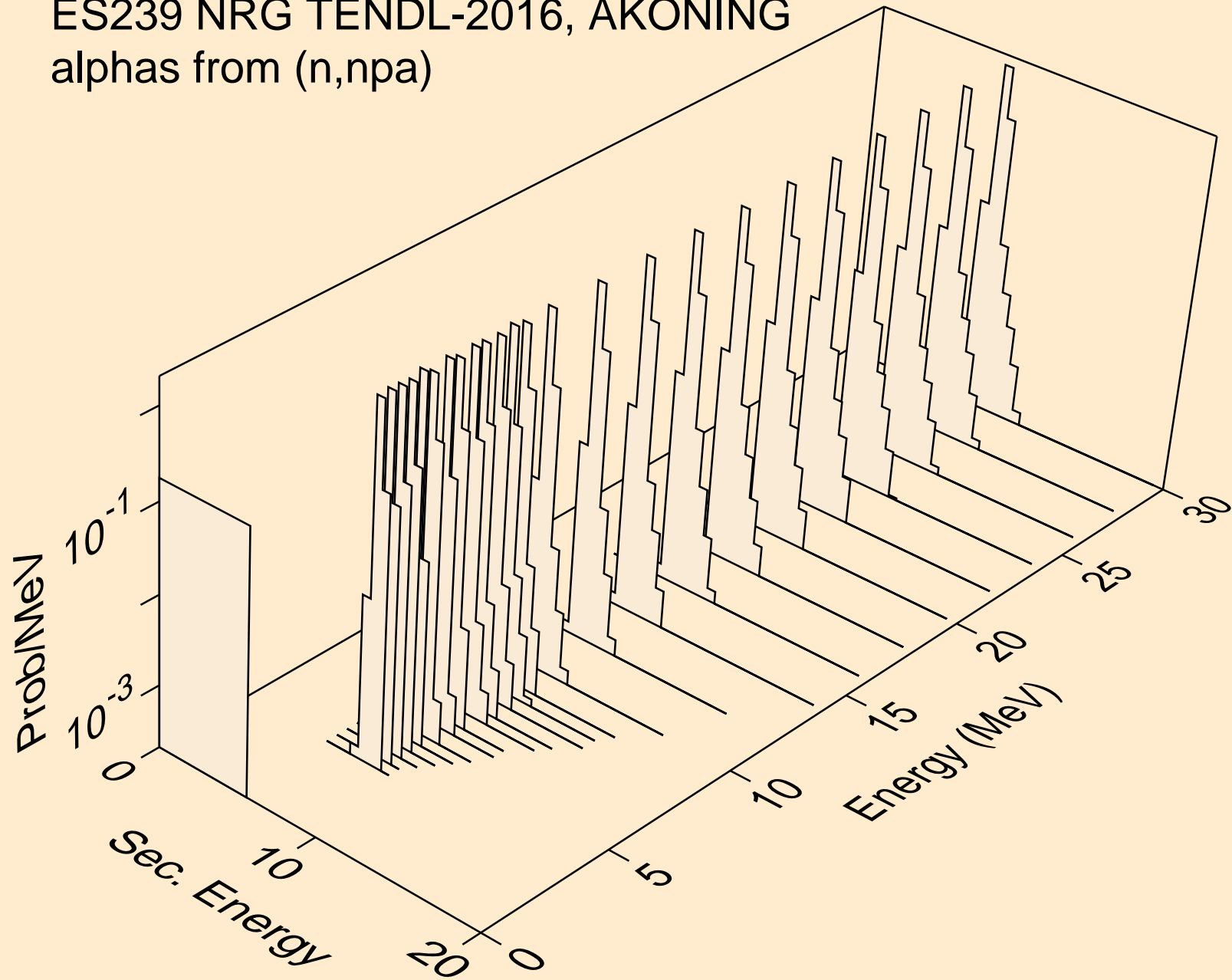
ES239 NRG TENDL-2016, AKONING
alphas from (n,n*)d2a



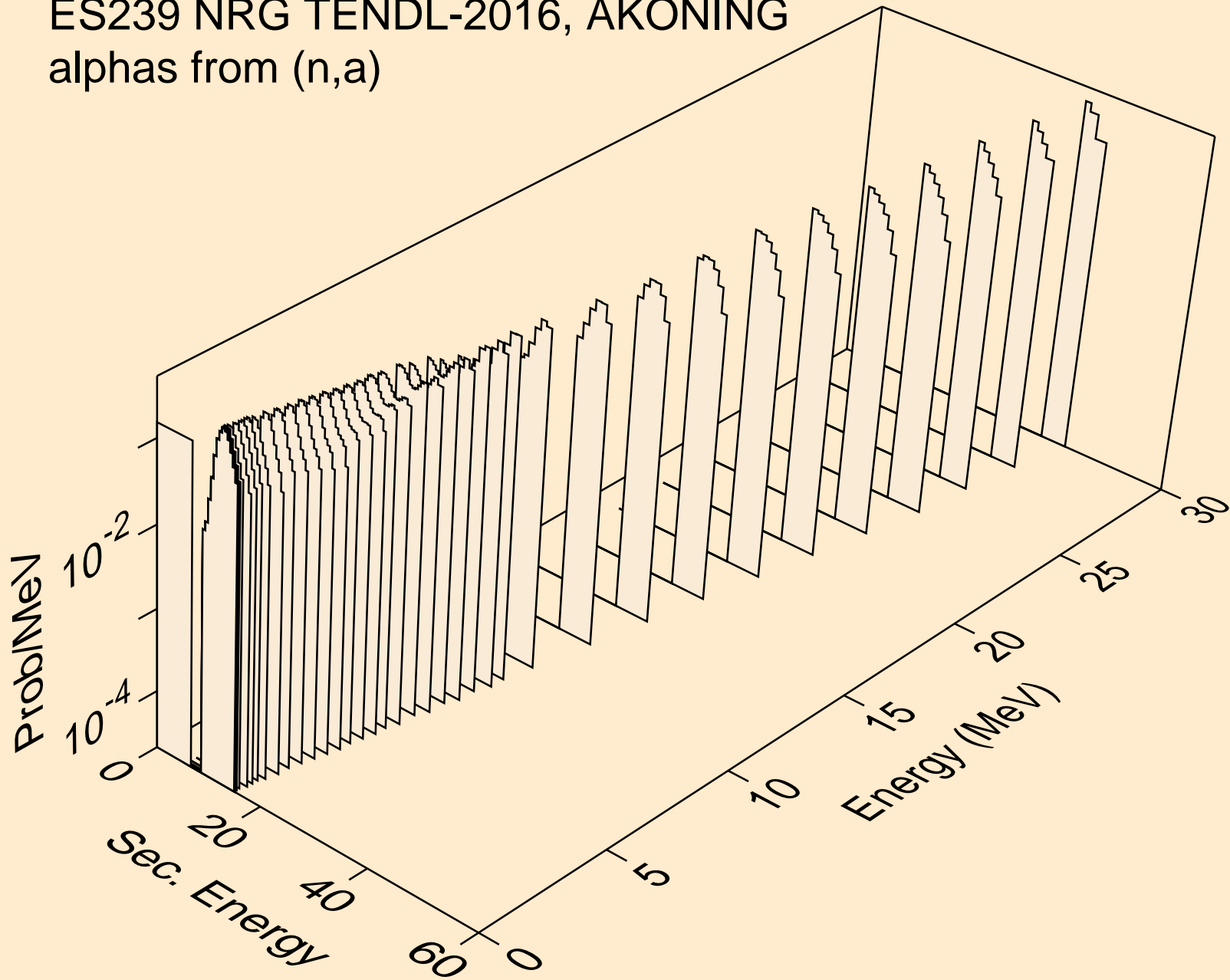
ES239 NRG TENDL-2016, AKONING
alphas from (n,n*)t2a



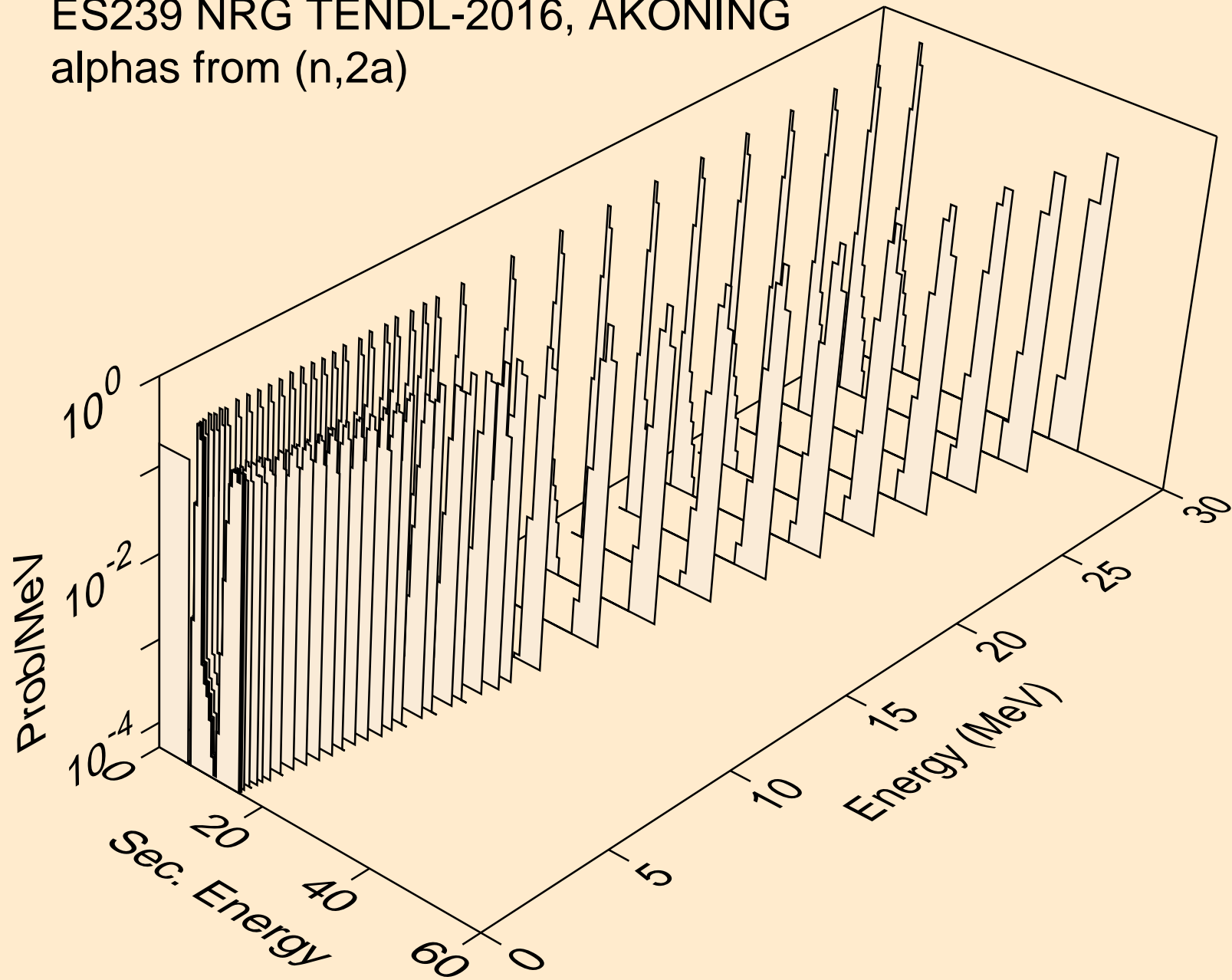
ES239 NRG TENDL-2016, AKONING
alphas from (n,npa)



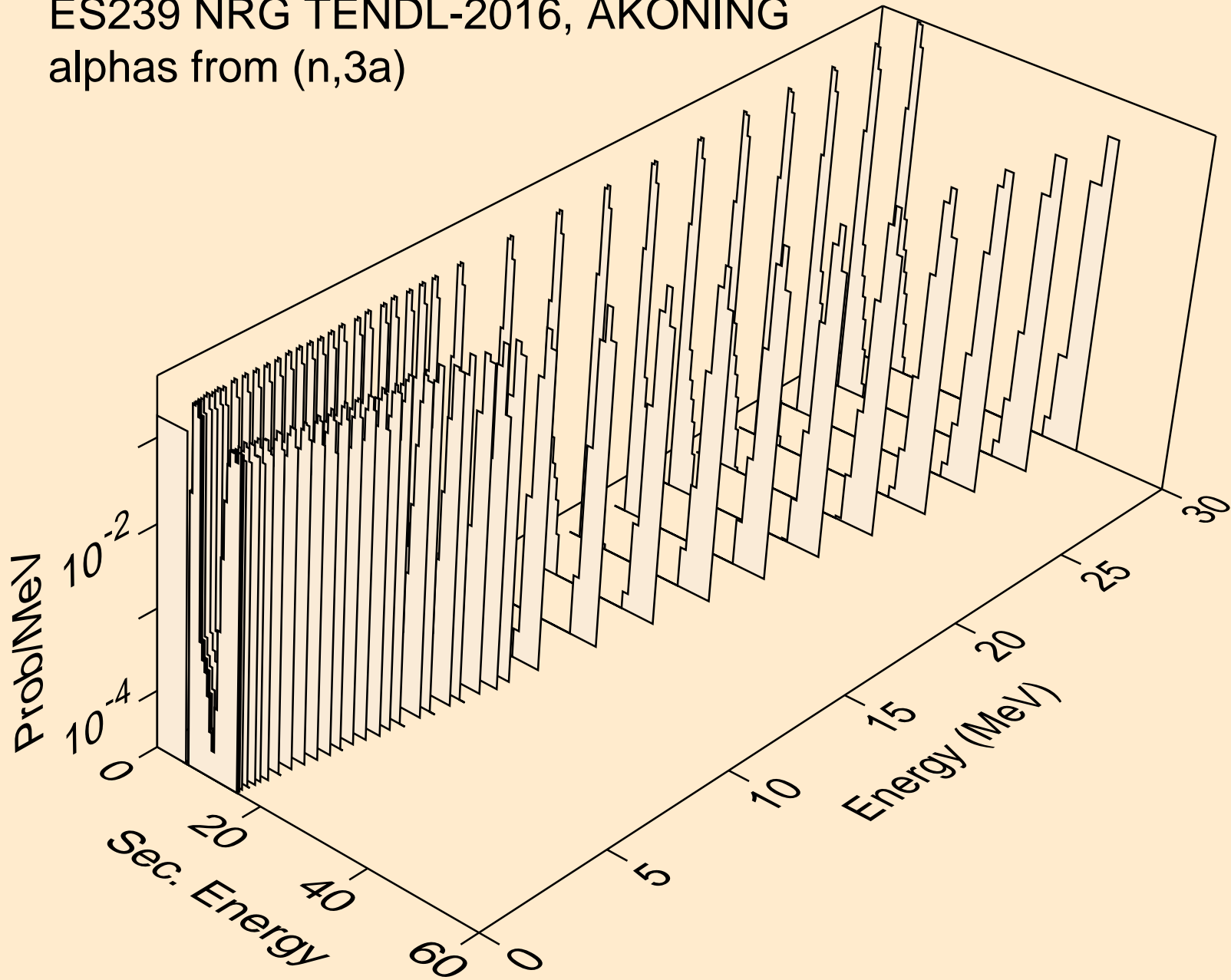
ES239 NRG TENDL-2016, AKONING
alphas from (n,a)



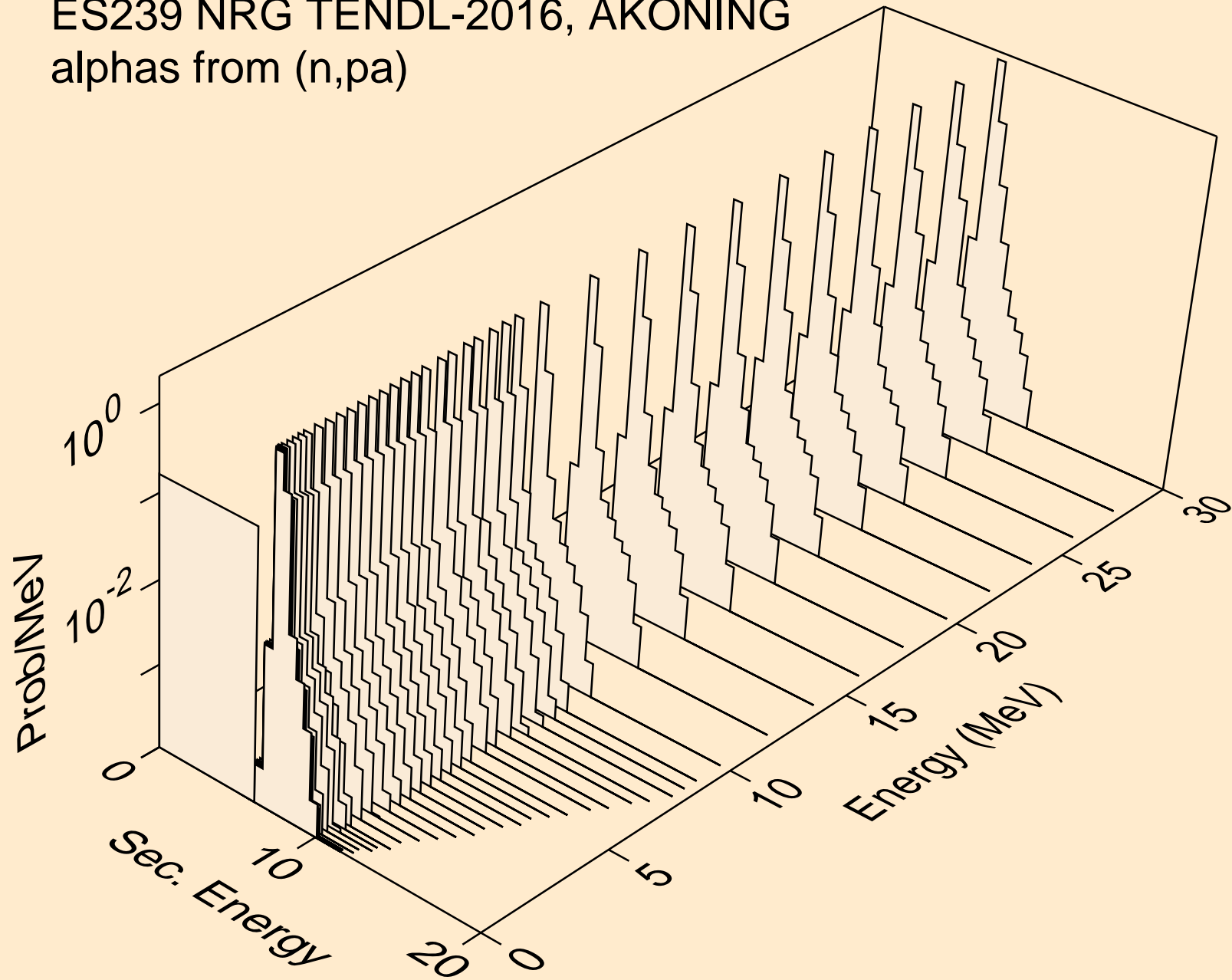
ES239 NRG TENDL-2016, AKONING
alphas from (n,2a)



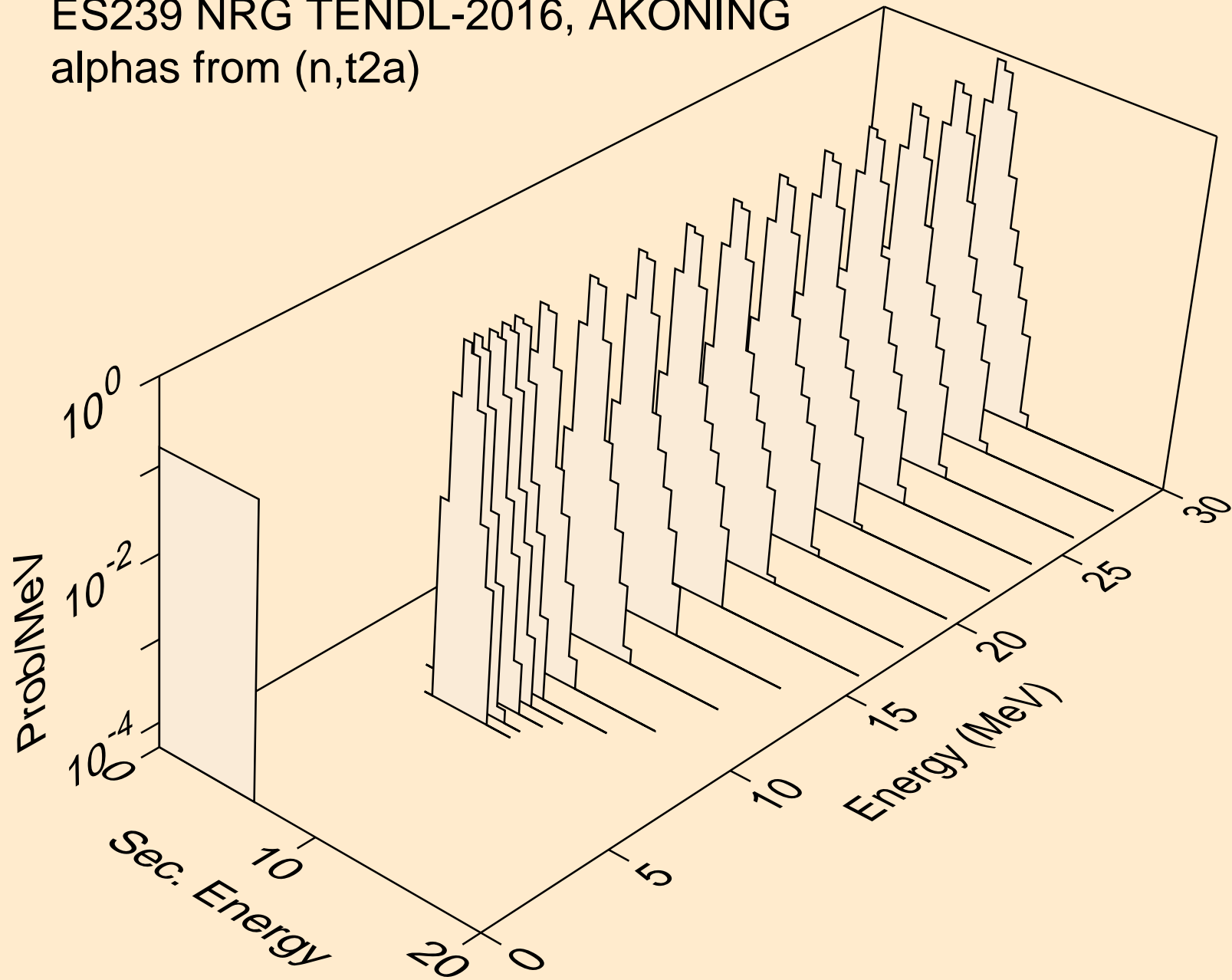
ES239 NRG TENDL-2016, AKONING
alphas from (n,3a)



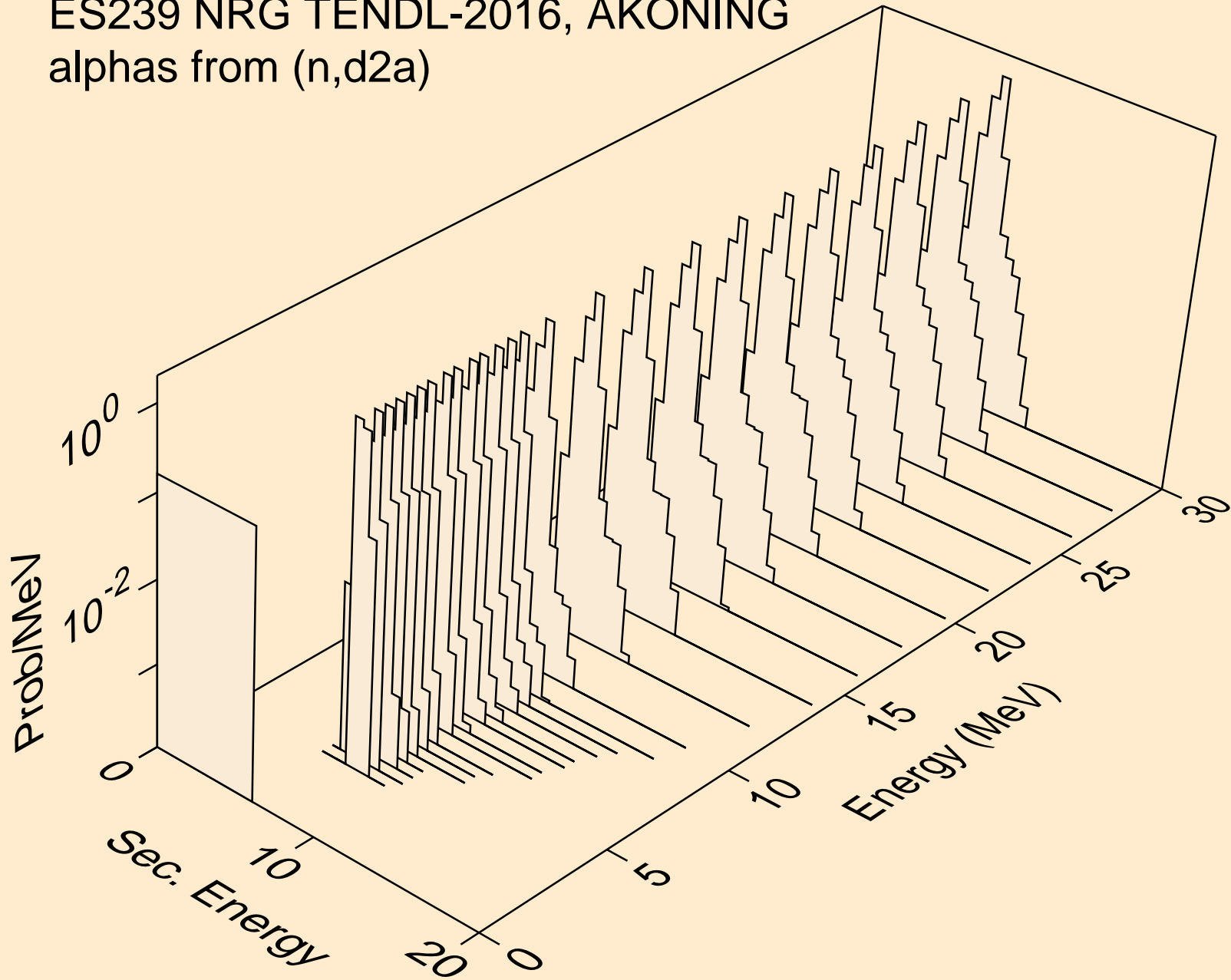
ES239 NRG TENDL-2016, AKONING
alphas from (n,pa)



ES239 NRG TENDL-2016, AKONING
alphas from (n,t2a)



ES239 NRG TENDL-2016, AKONING
alphas from (n,d2a)



ES239 NRG TENDL-2016, AKONING
alphas from (n,da)

