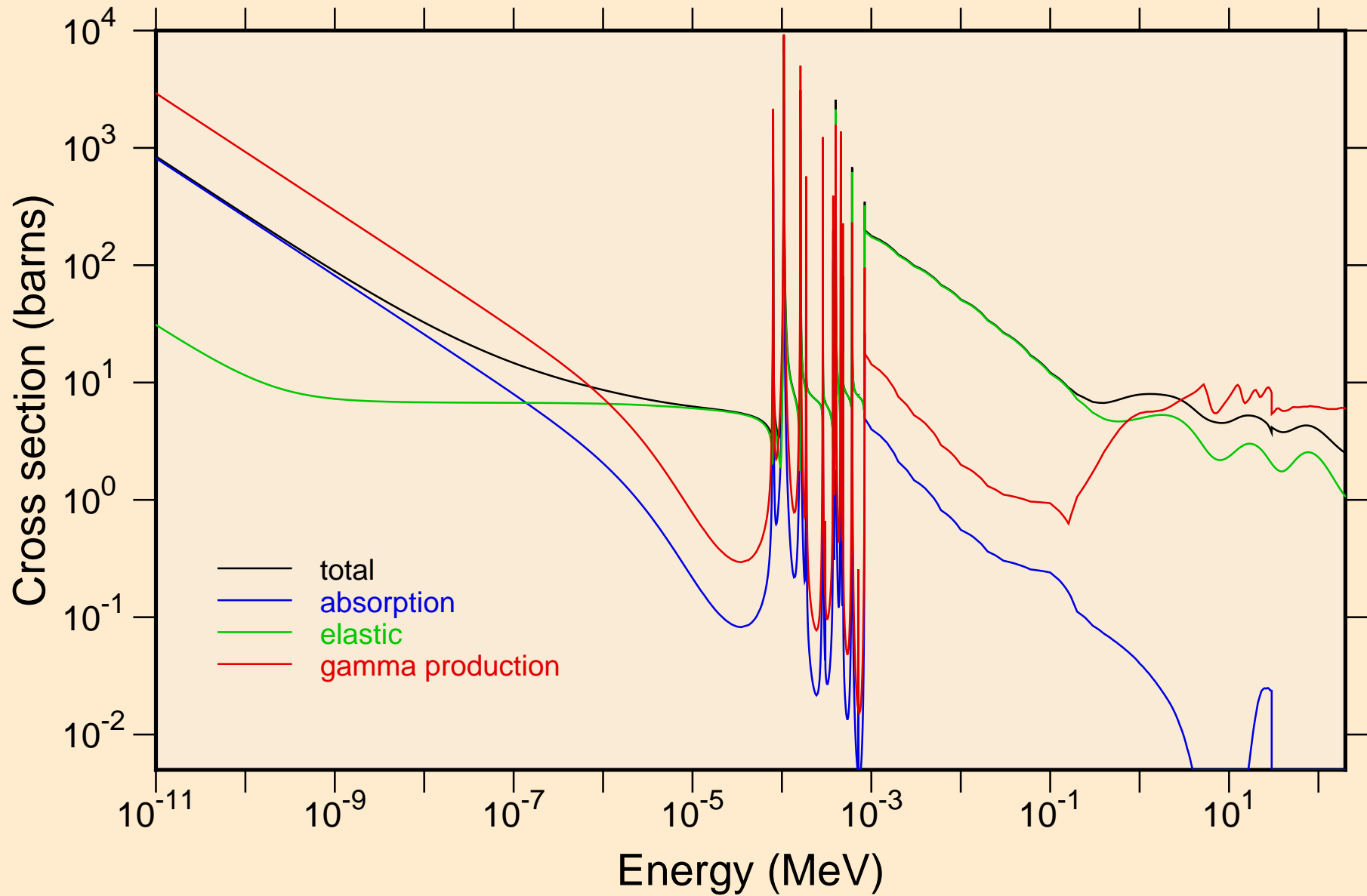
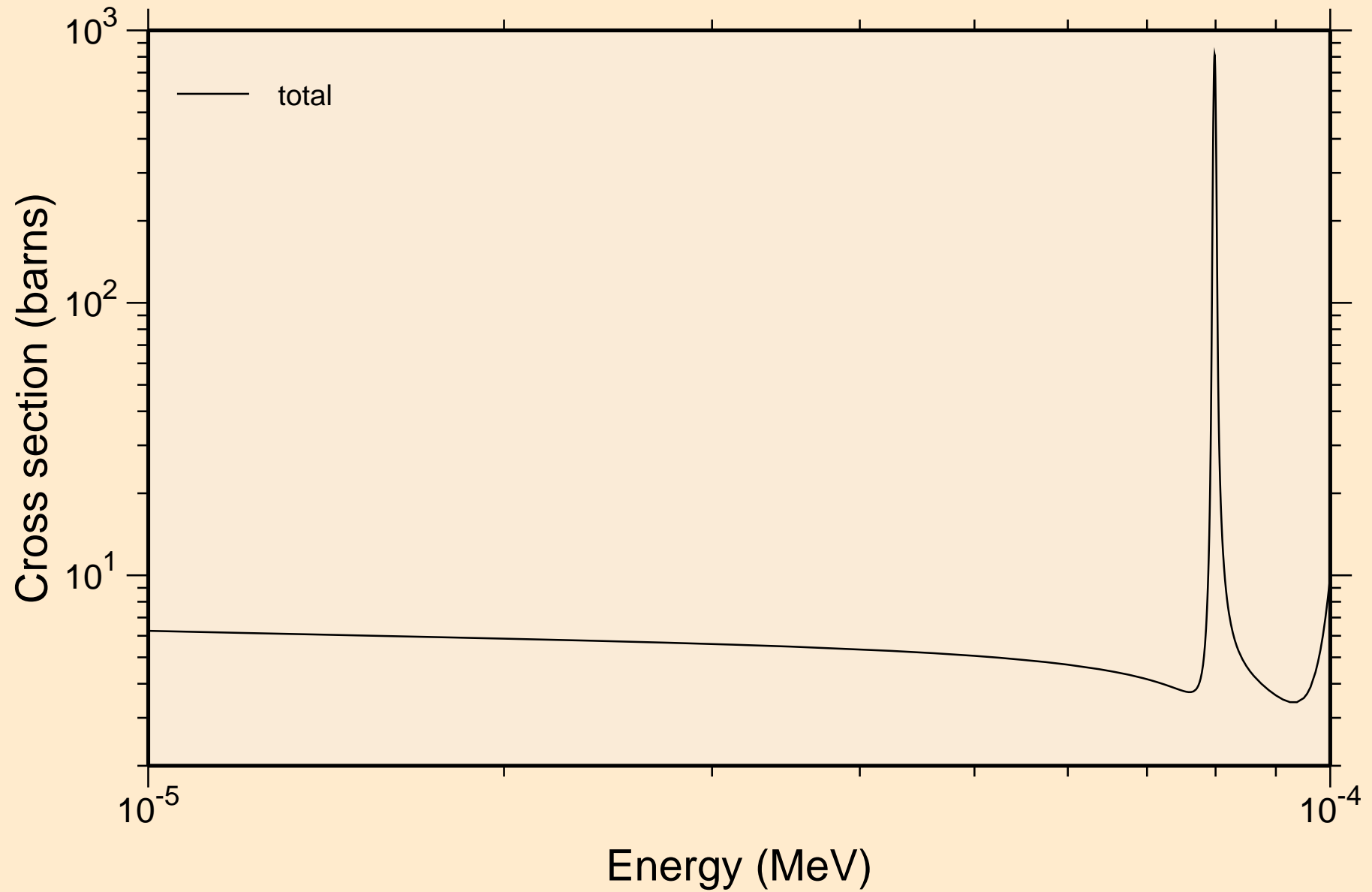


# GD163 NRG TENDL-2015, AKONING

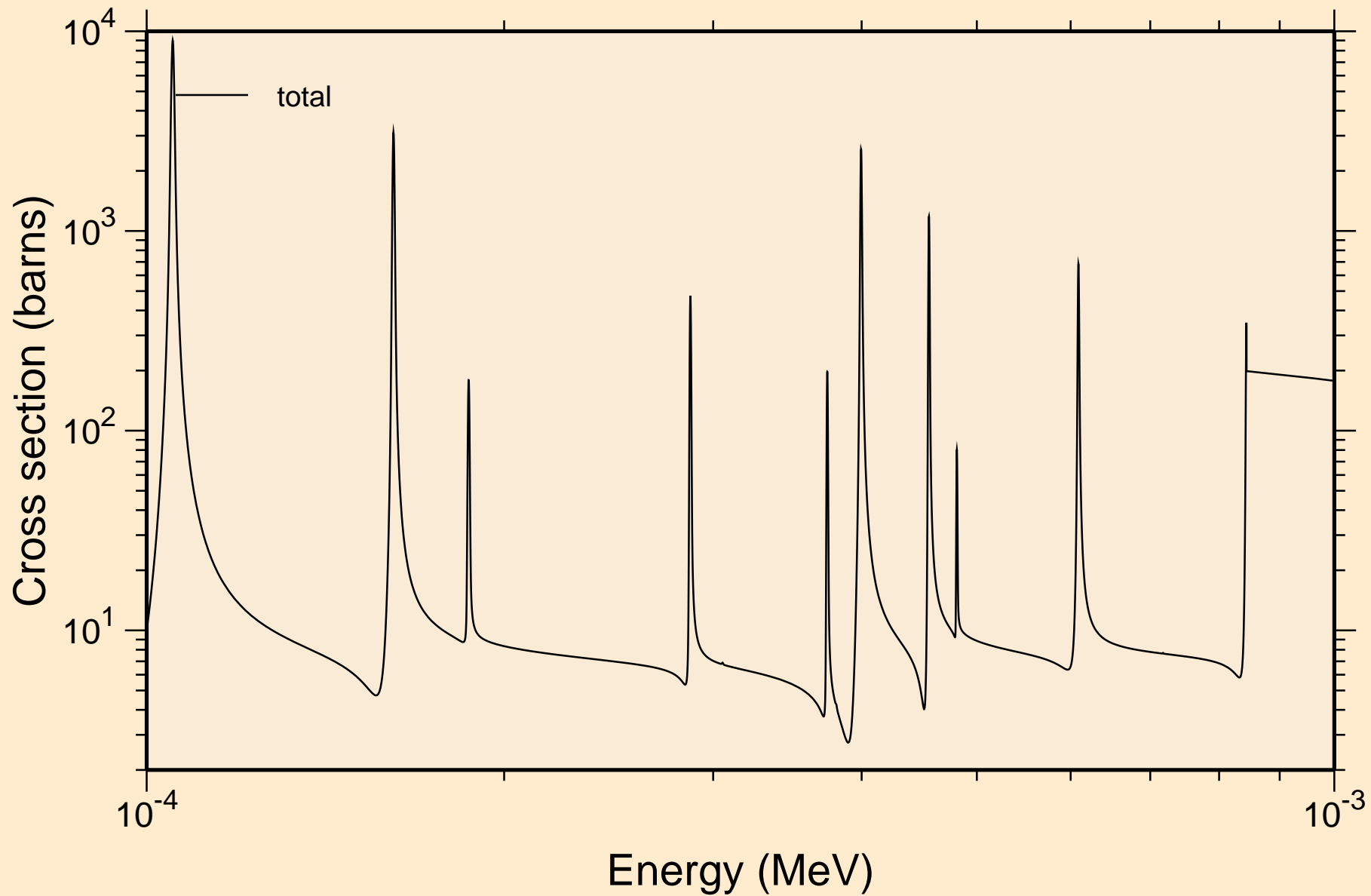
## Principal cross sections



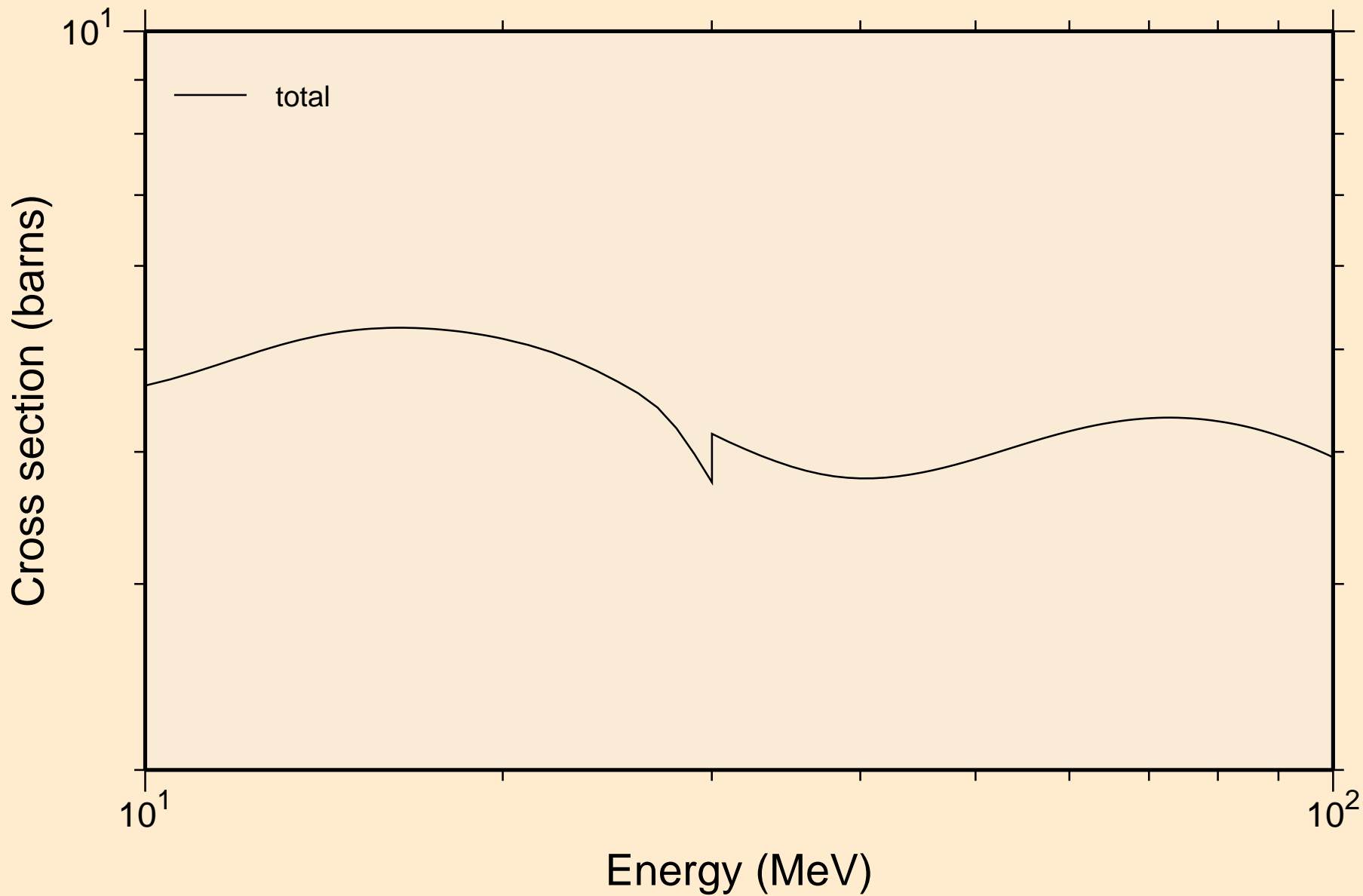
GD163 NRG TENDL-2015, AKONING  
resonance total cross section



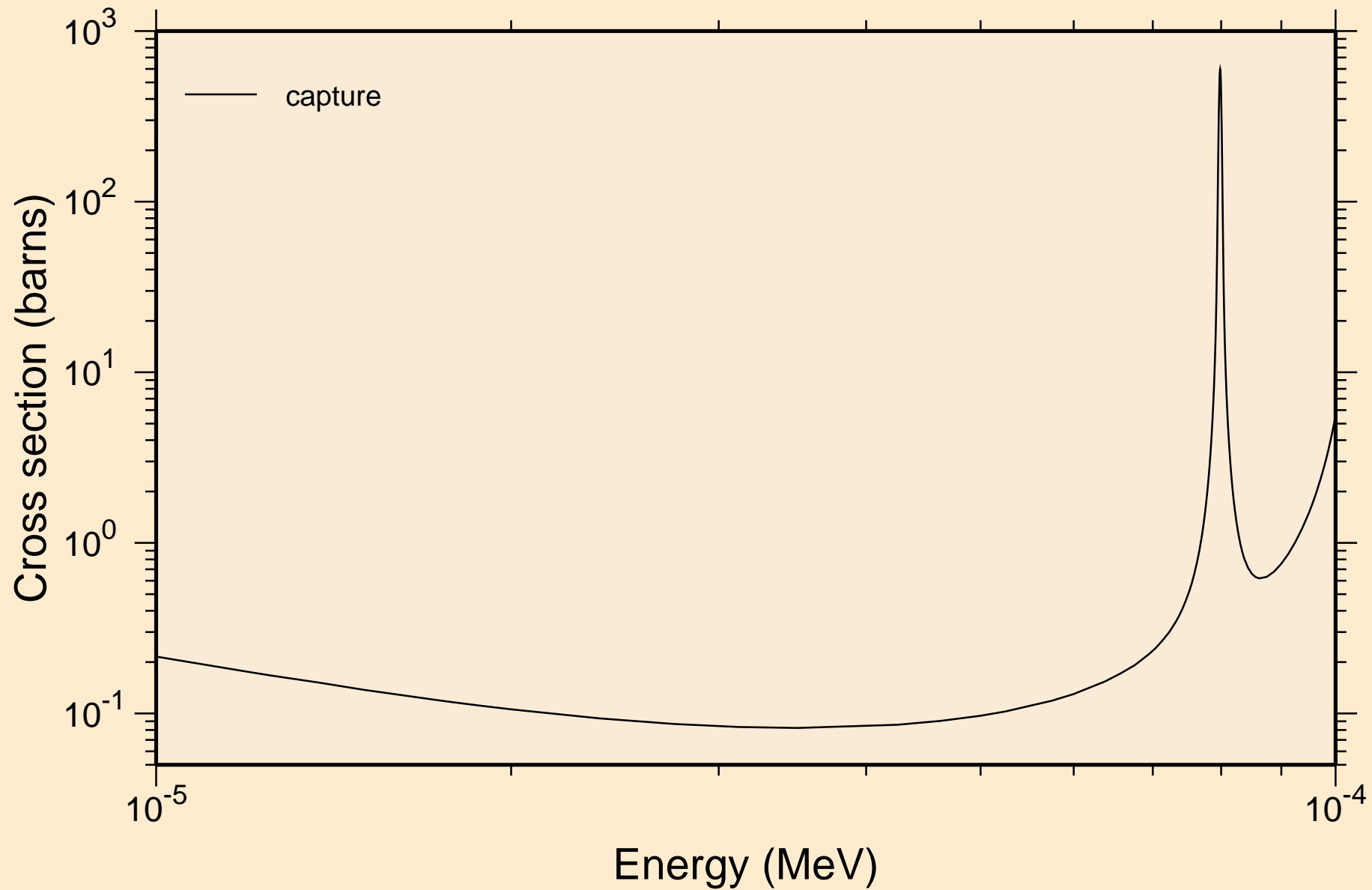
GD163 NRG TENDL-2015, AKONING  
resonance total cross section



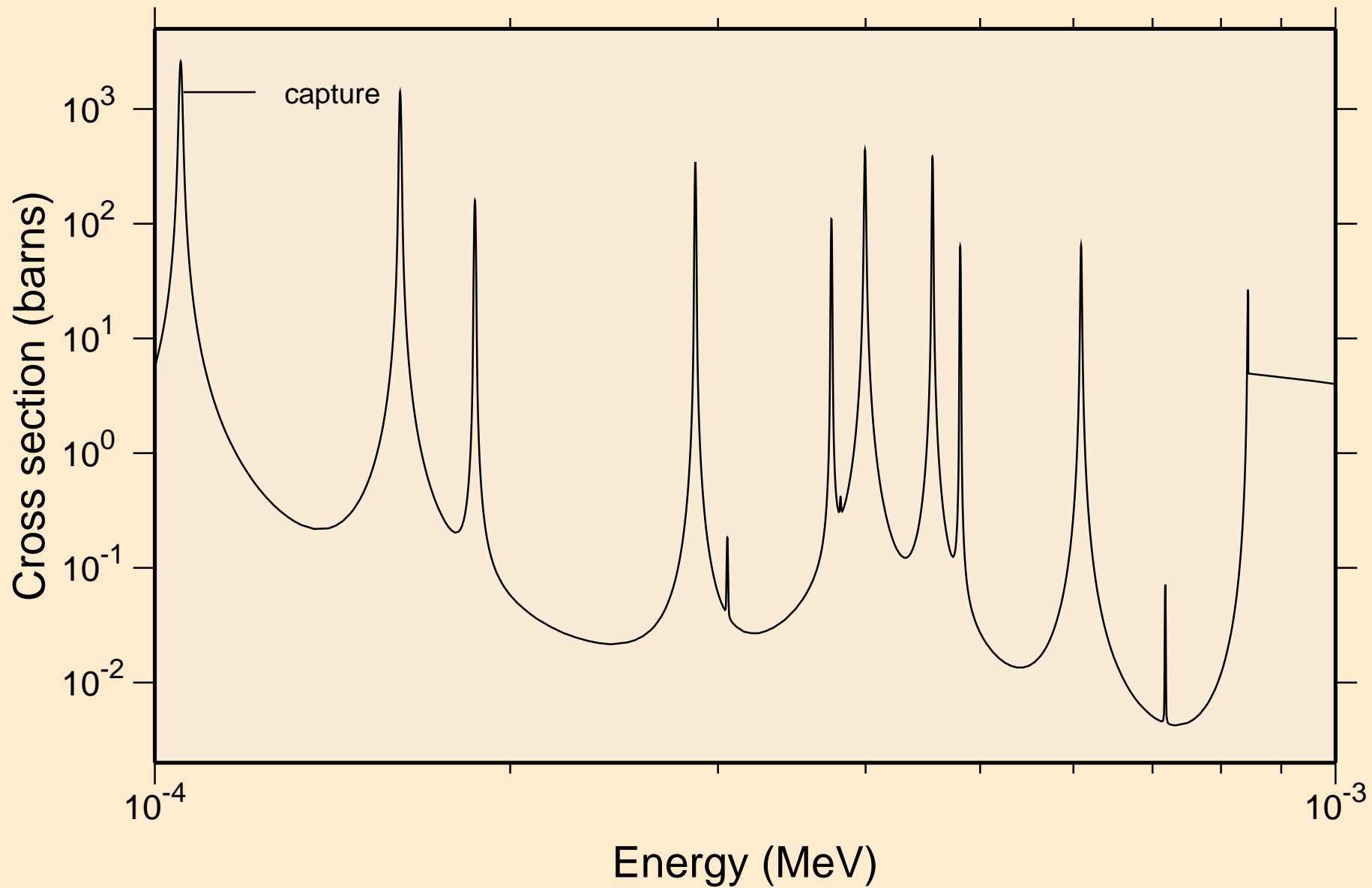
GD163 NRG TENDL-2015, AKONING  
resonance total cross section



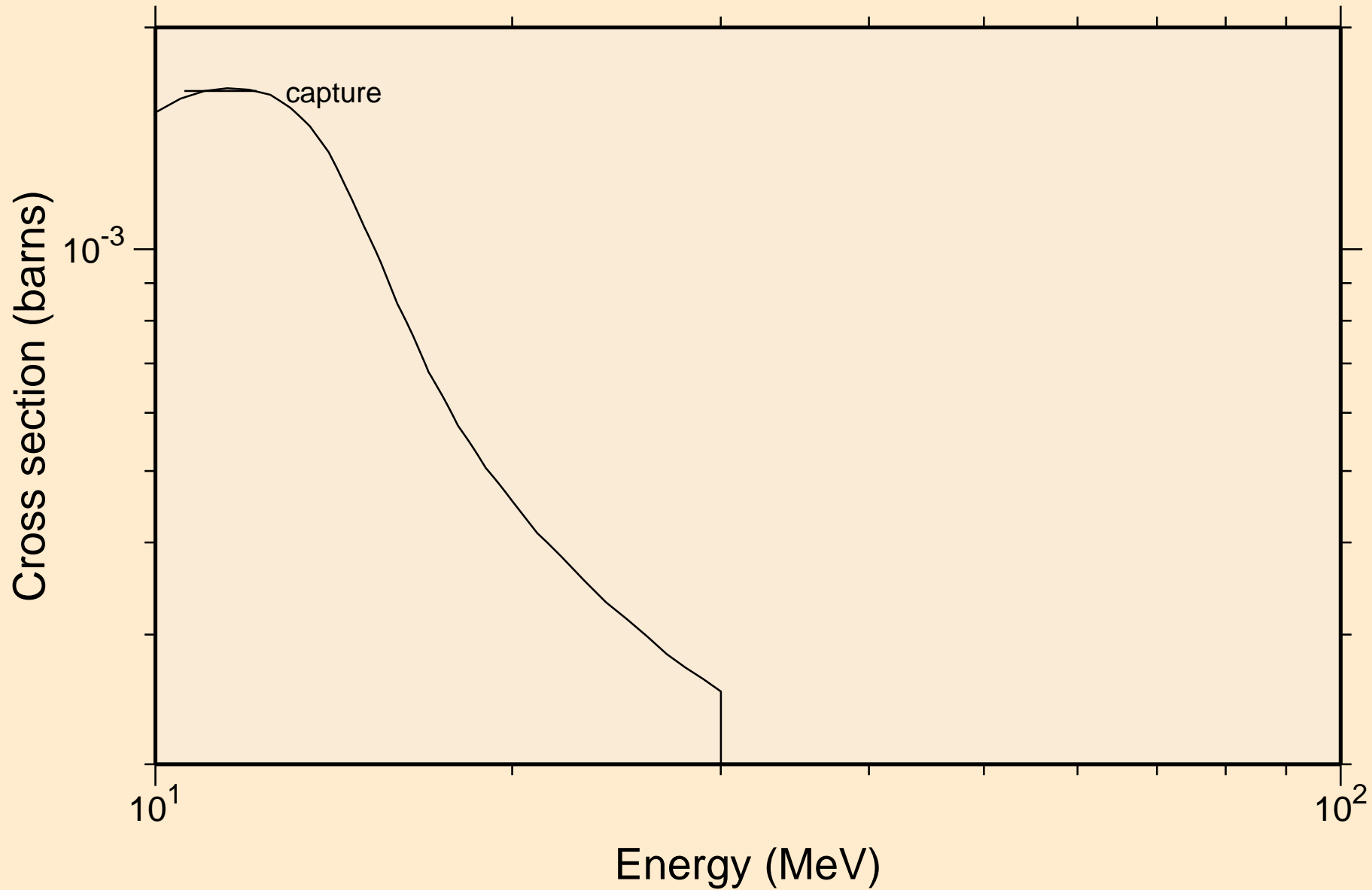
GD163 NRG TENDL-2015, AKONING  
resonance absorption cross sections



GD163 NRG TENDL-2015, AKONING  
resonance absorption cross sections

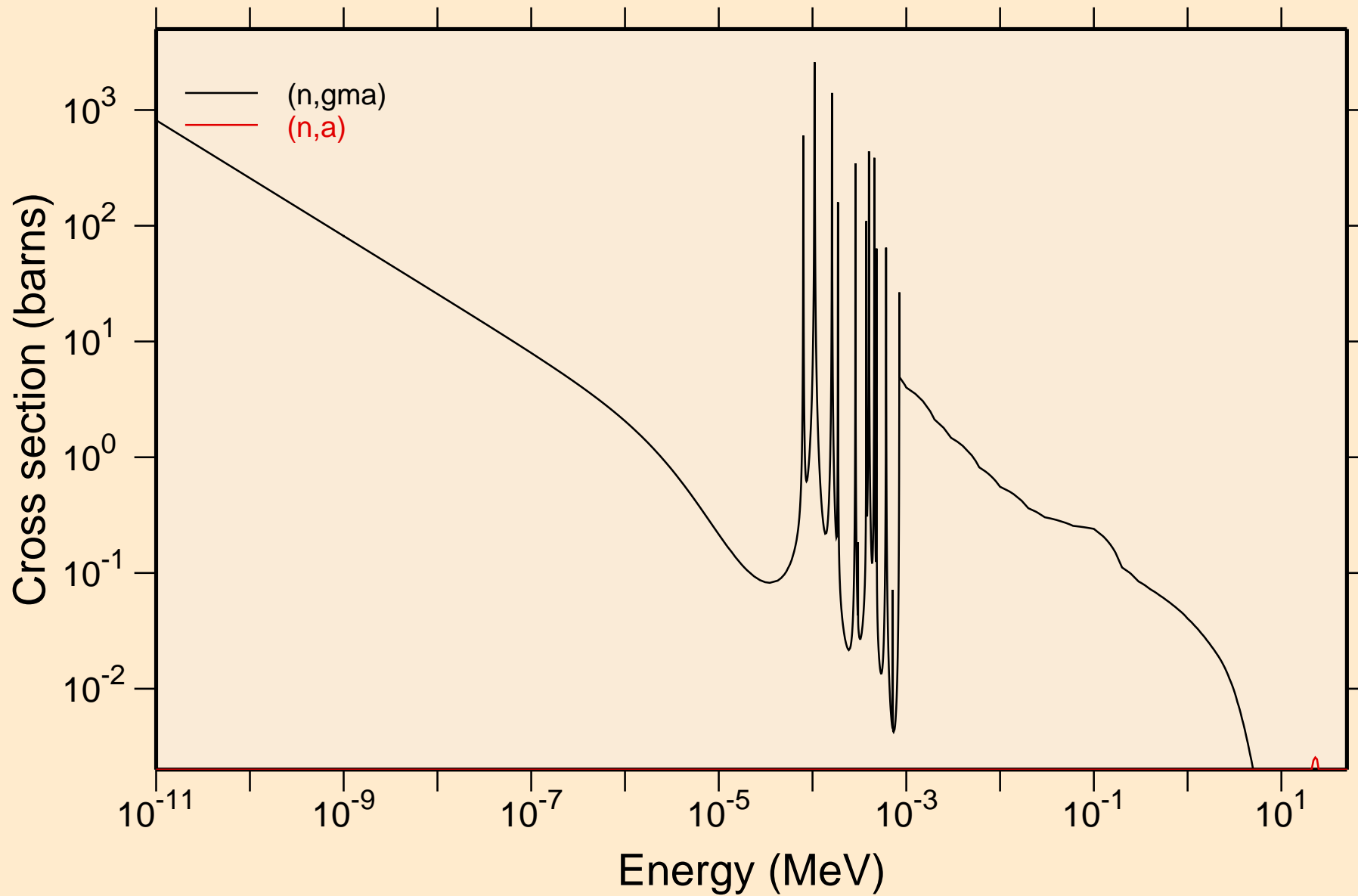


GD163 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# GD163 NRG TENDL-2015, AKONING

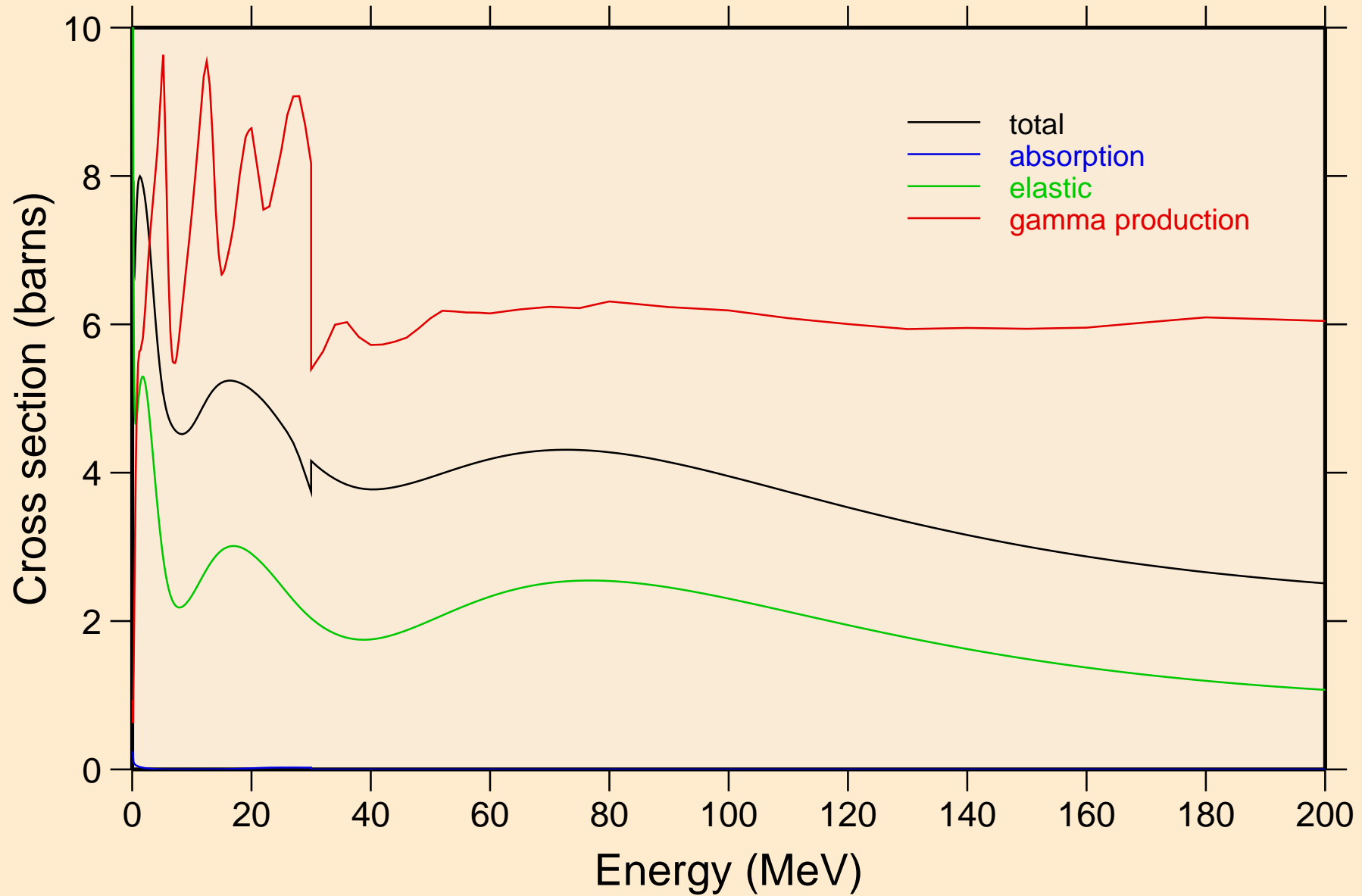
## Non-threshold reactions





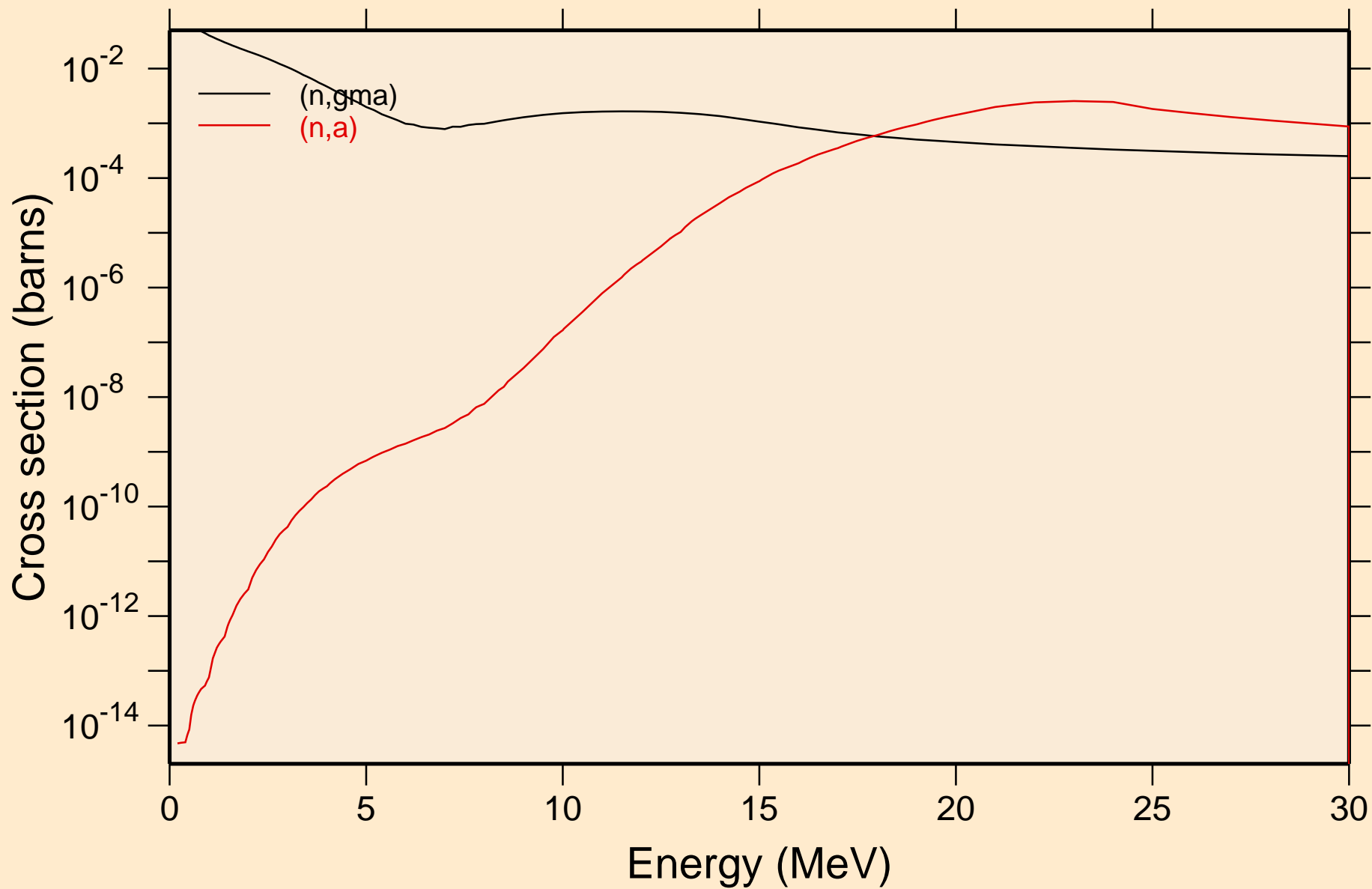
# GD163 NRG TENDL-2015, AKONING

## Principal cross sections

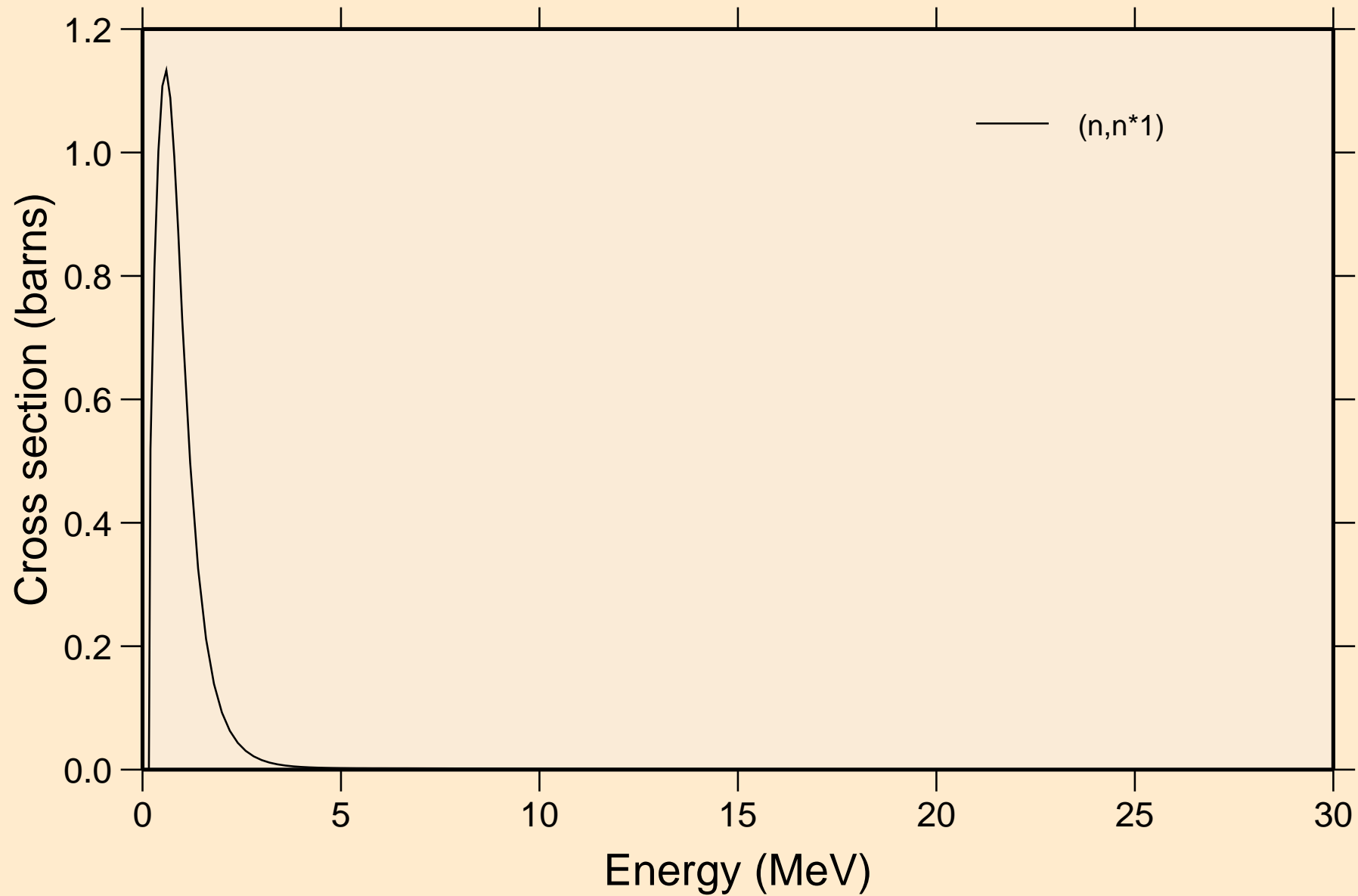


# GD163 NRG TENDL-2015, AKONING

## Non-threshold reactions

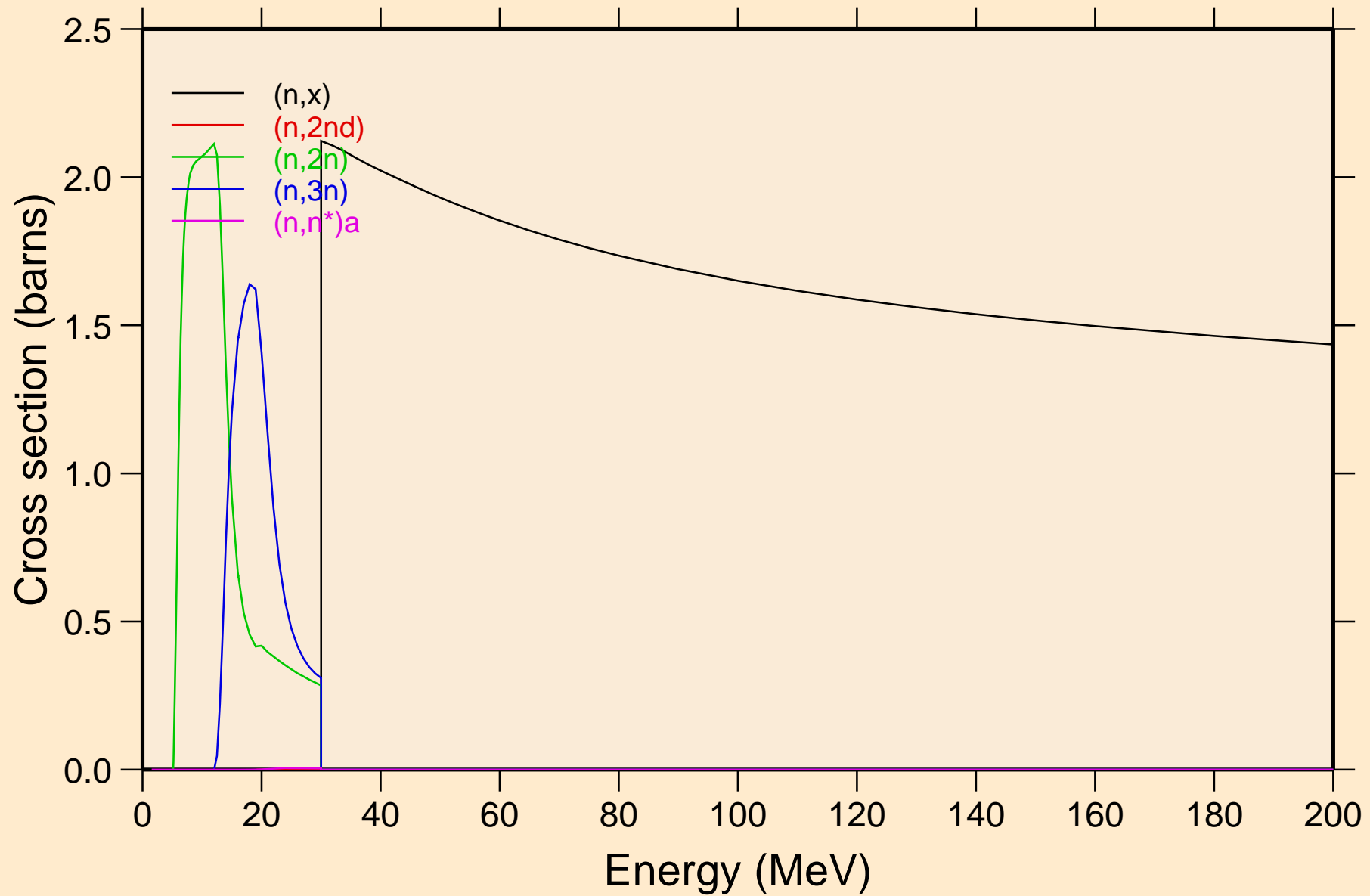


GD163 NRG TENDL-2015, AKONING  
Inelastic levels



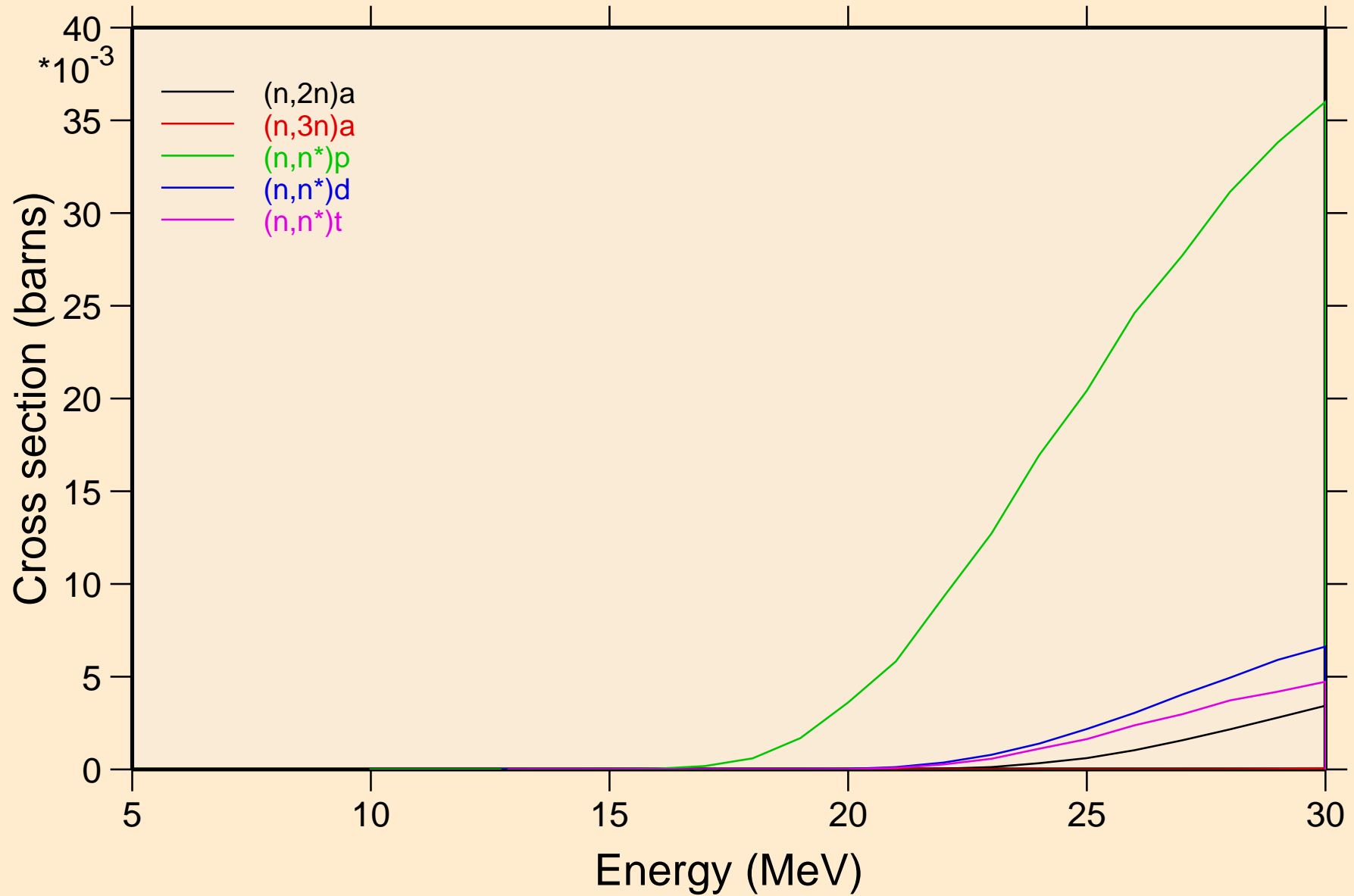
# GD163 NRG TENDL-2015, AKONING

## Threshold reactions



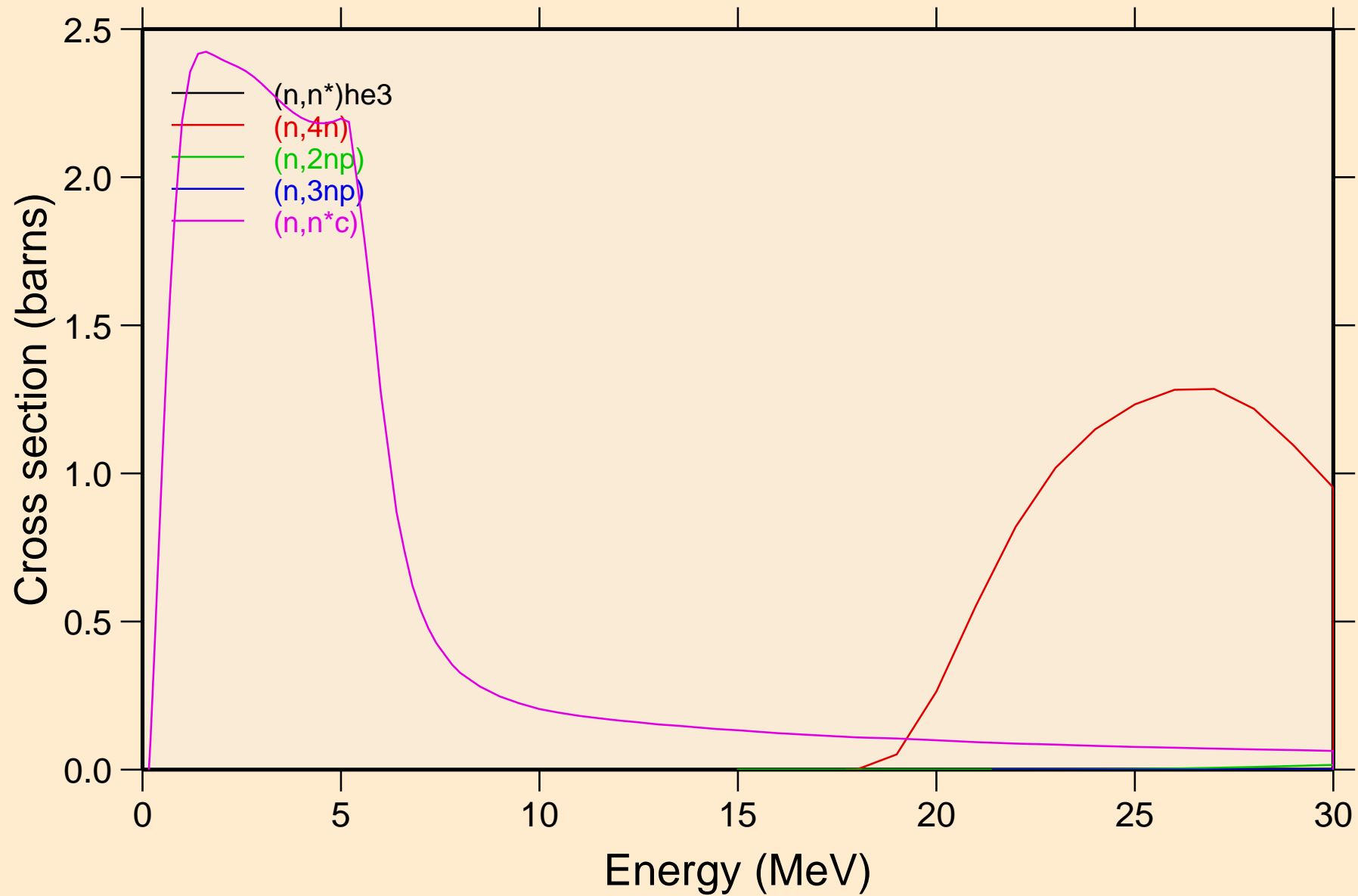
# GD163 NRG TENDL-2015, AKONING

## Threshold reactions



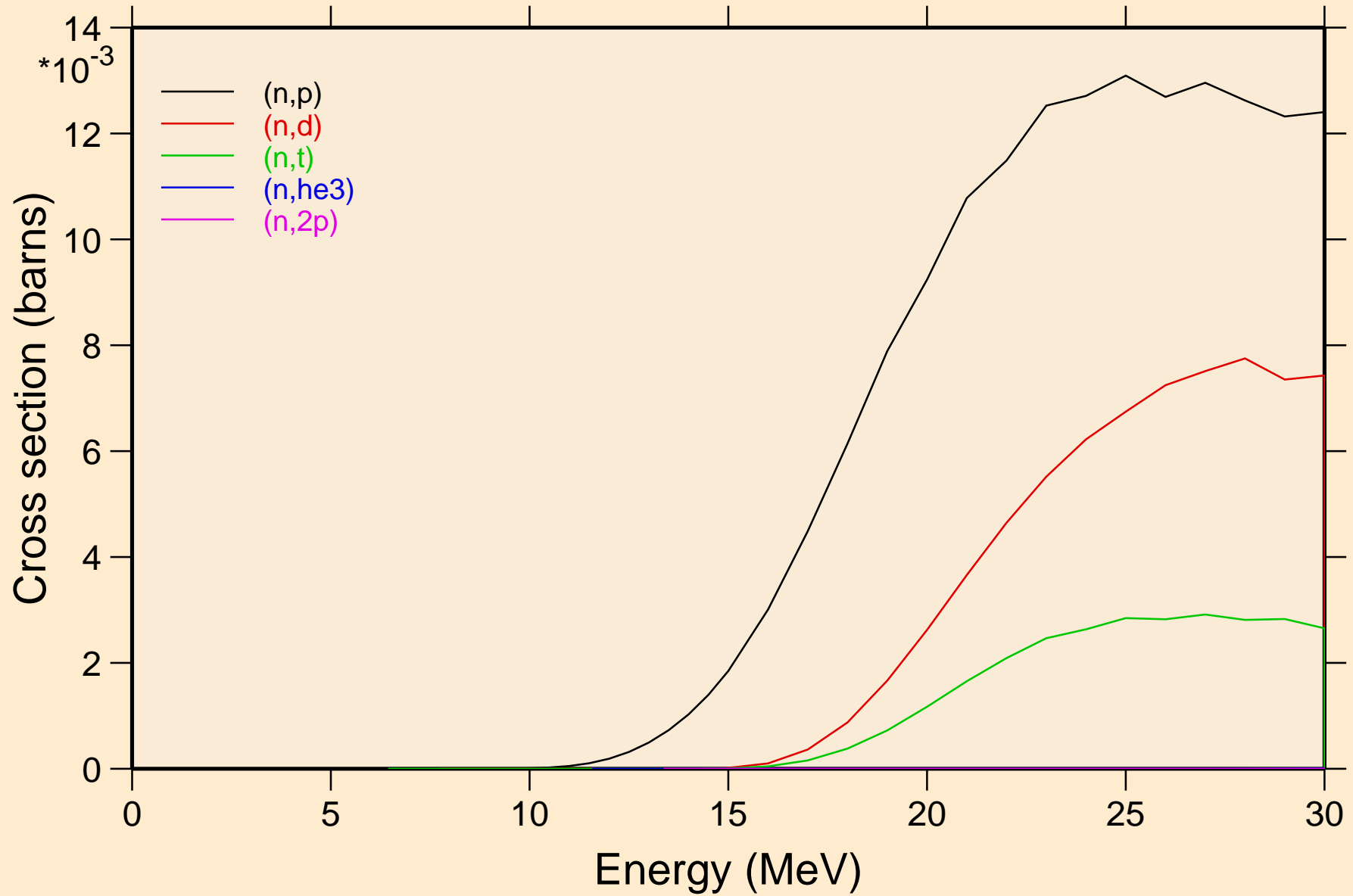
# GD163 NRG TENDL-2015, AKONING

## Threshold reactions

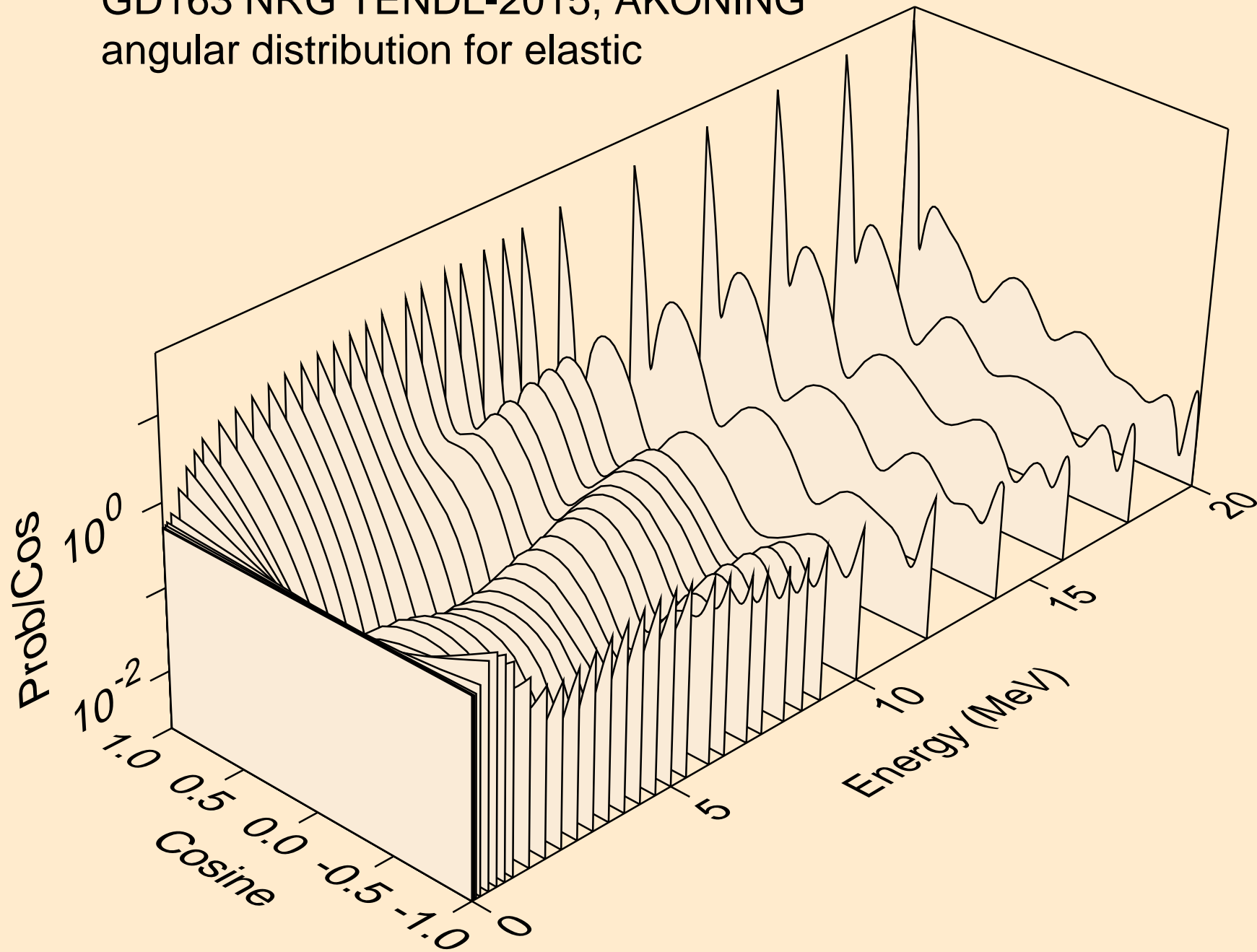


# GD163 NRG TENDL-2015, AKONING

## Threshold reactions

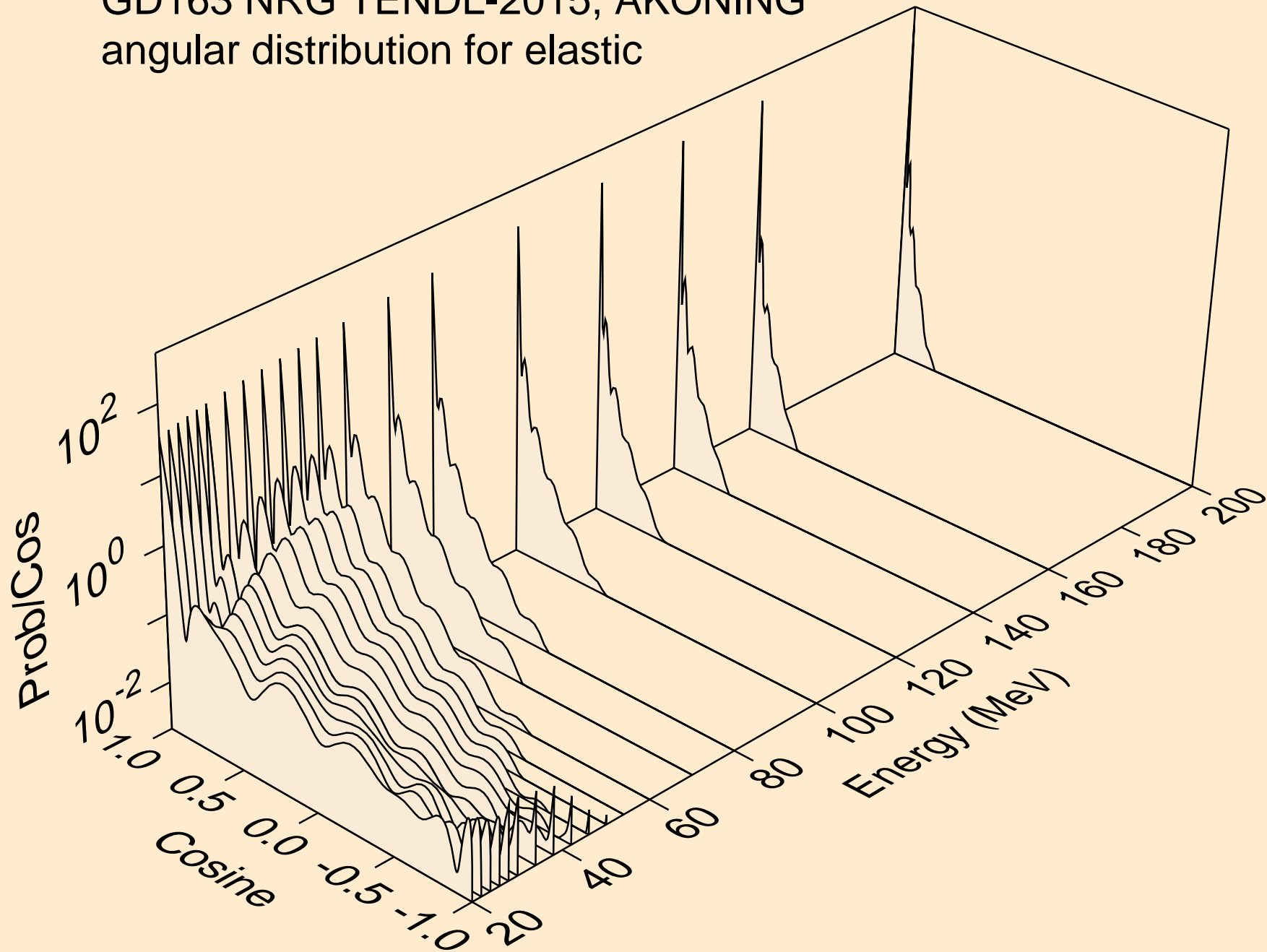


GD163 NRG TENDL-2015, AKONING  
angular distribution for elastic

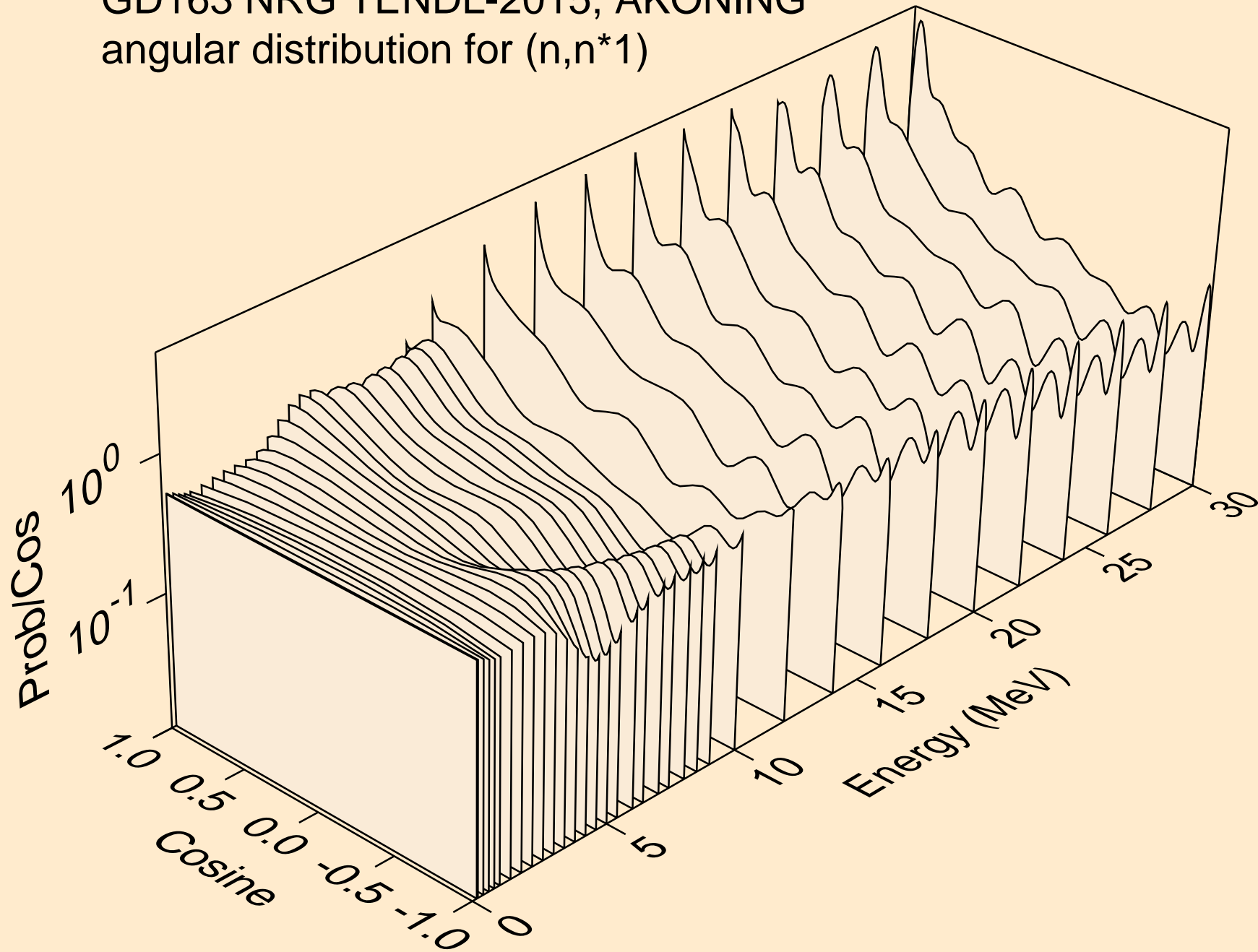




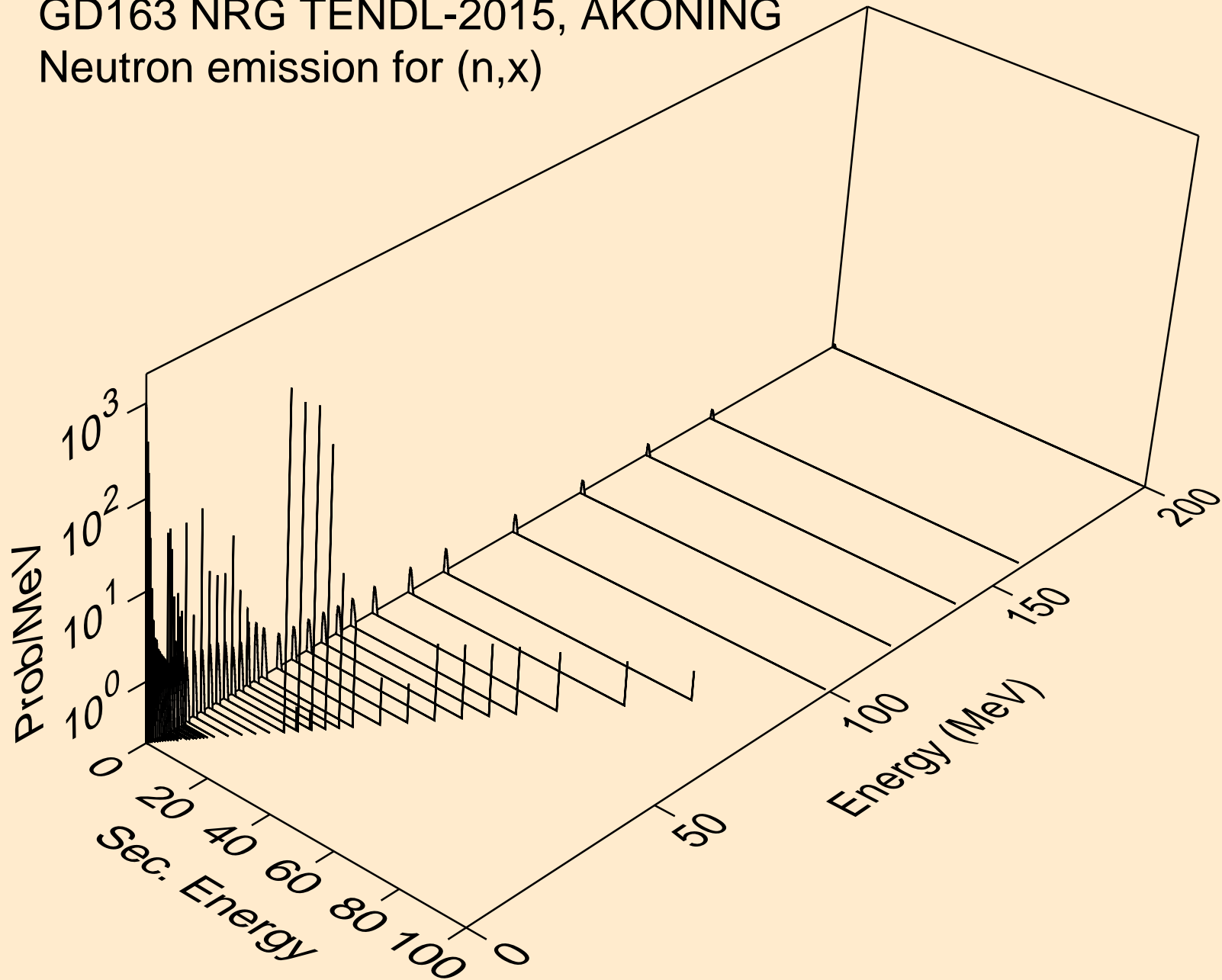
GD163 NRG TENDL-2015, AKONING  
angular distribution for elastic



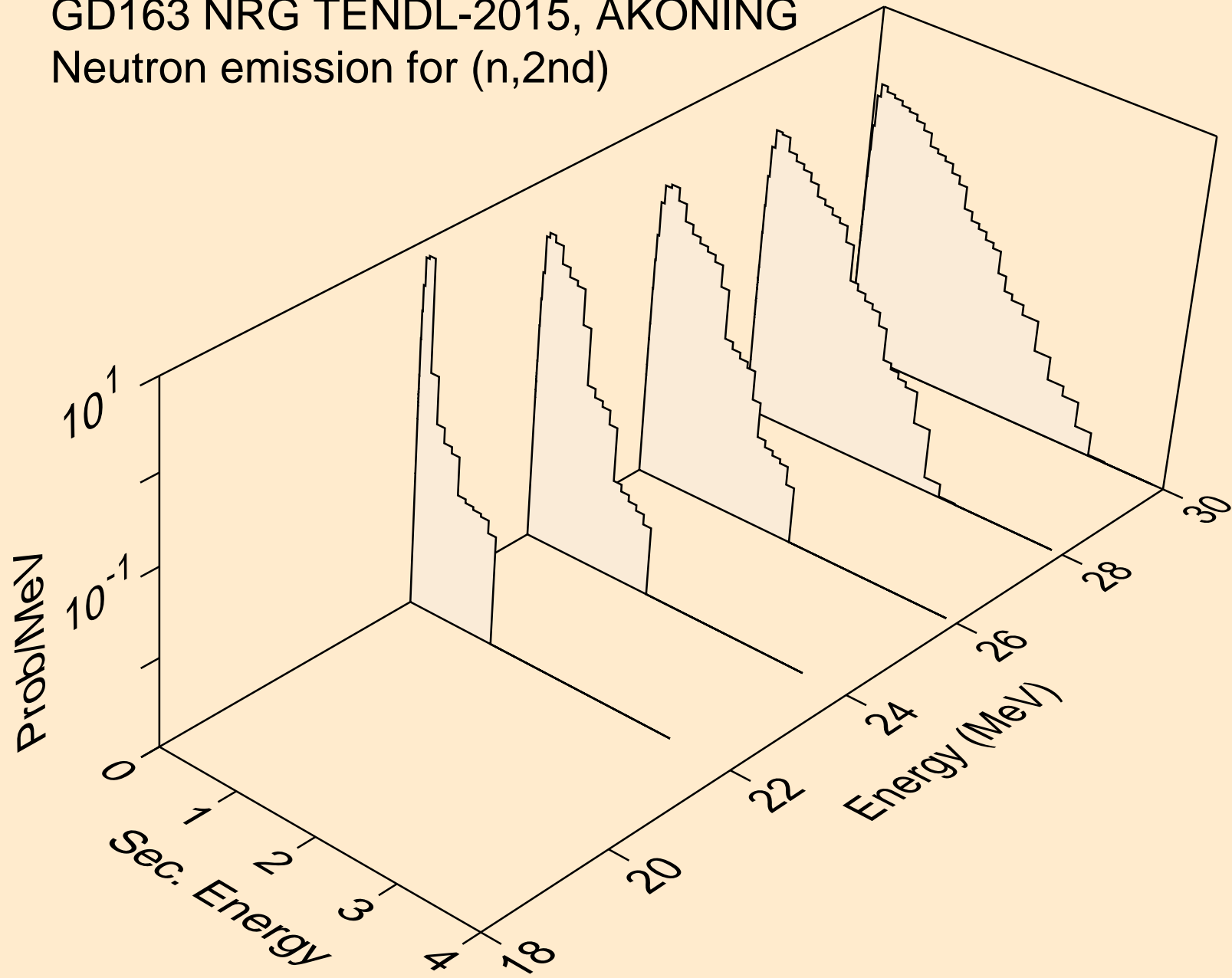
GD163 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



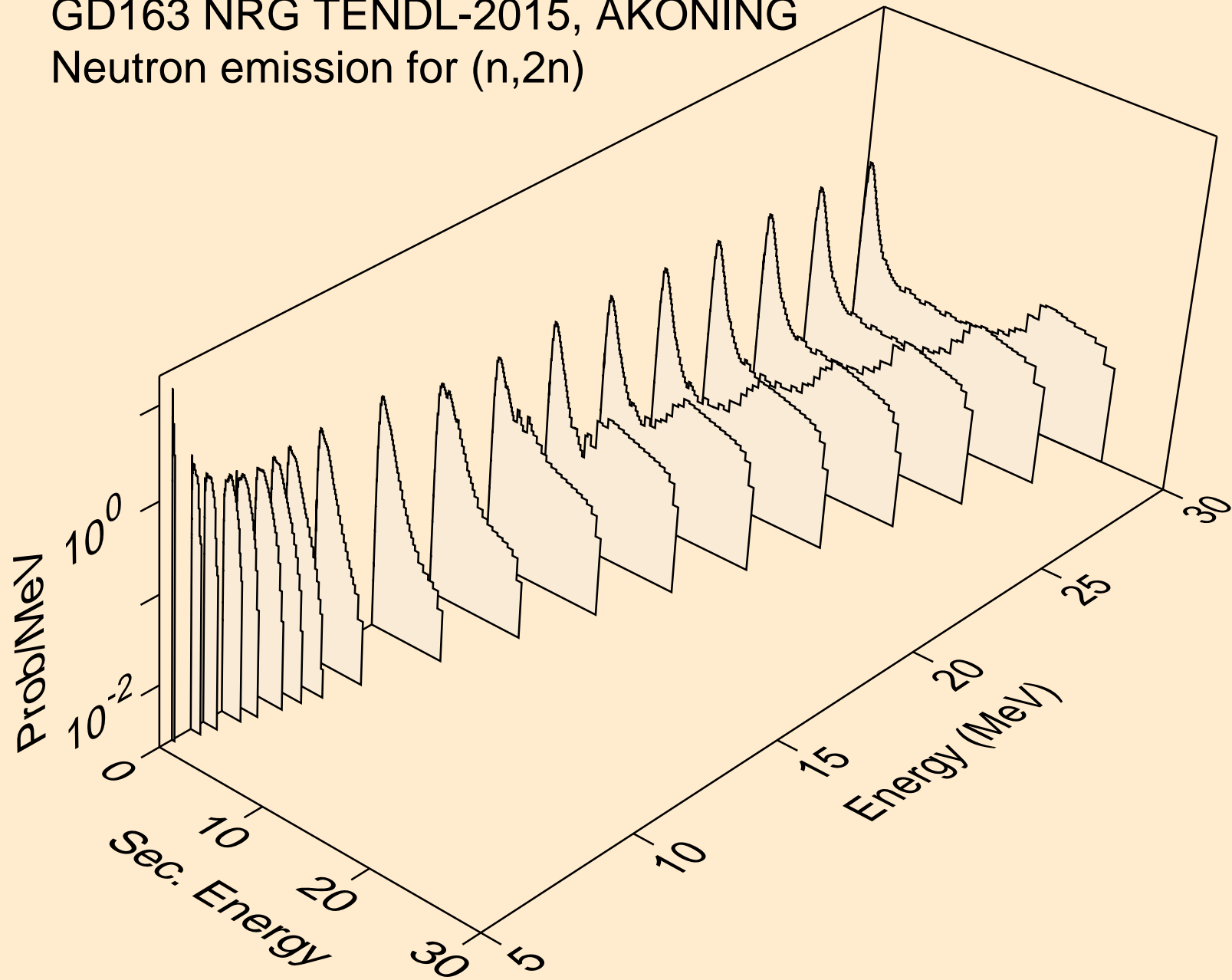
GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



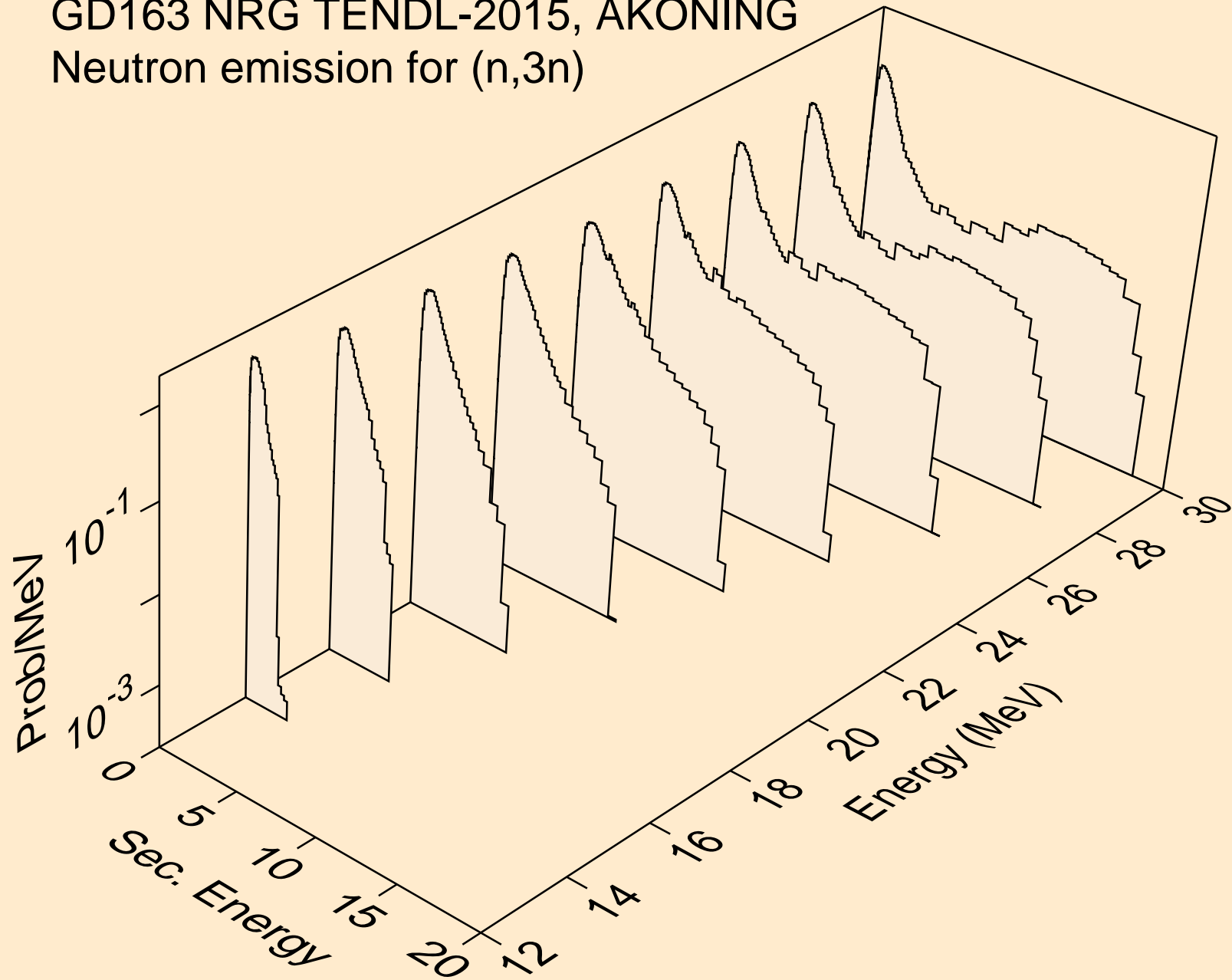
GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



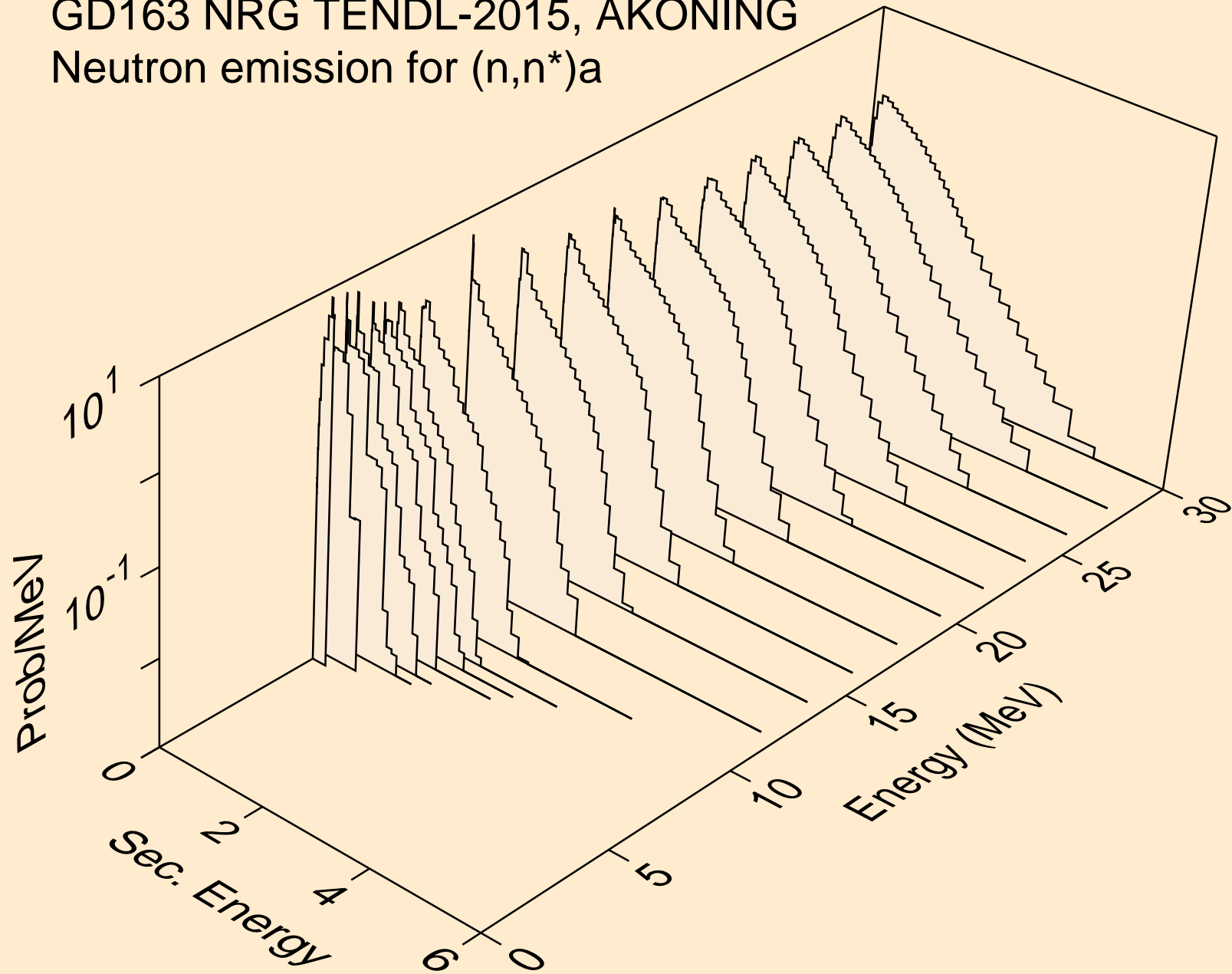
GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



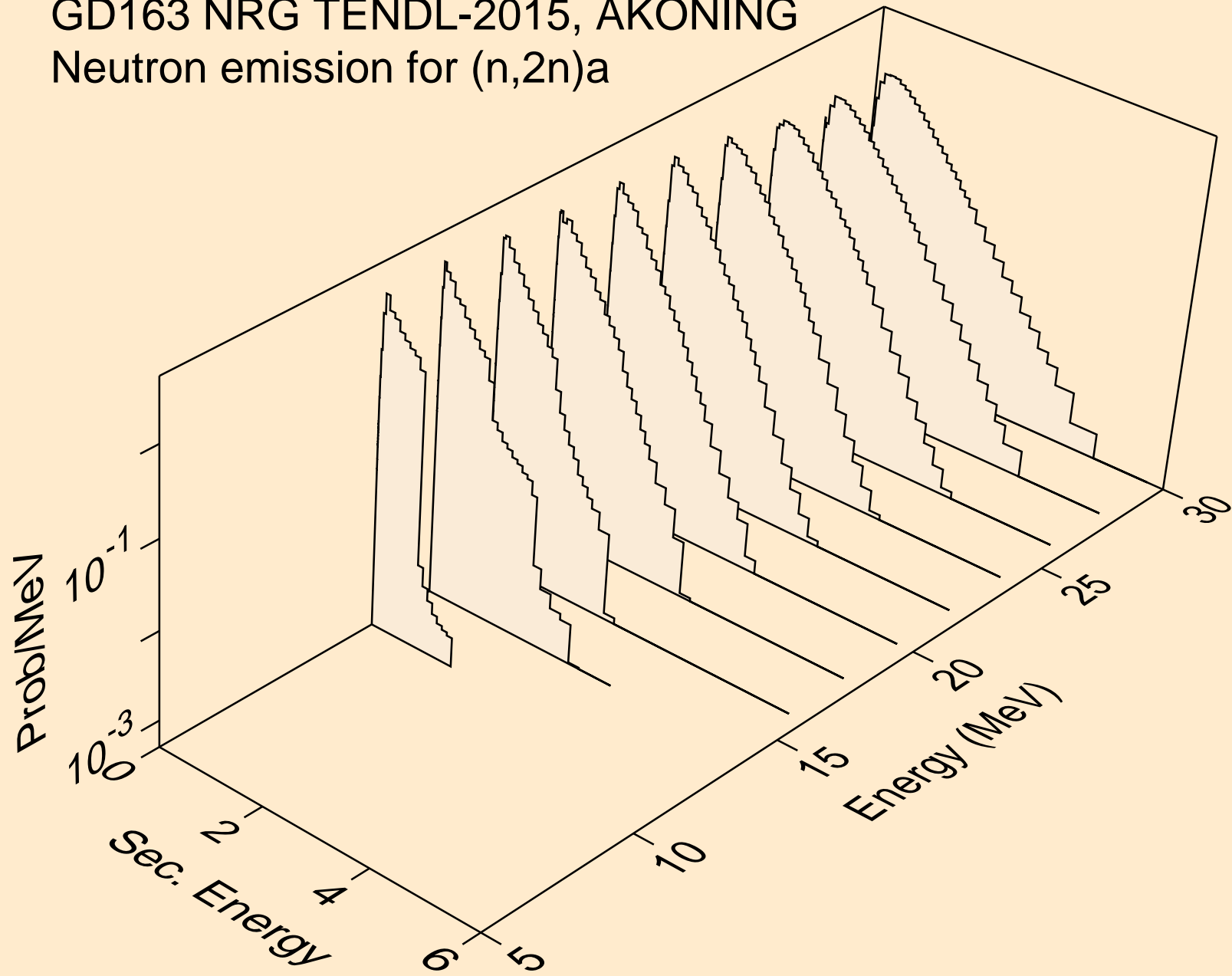
GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

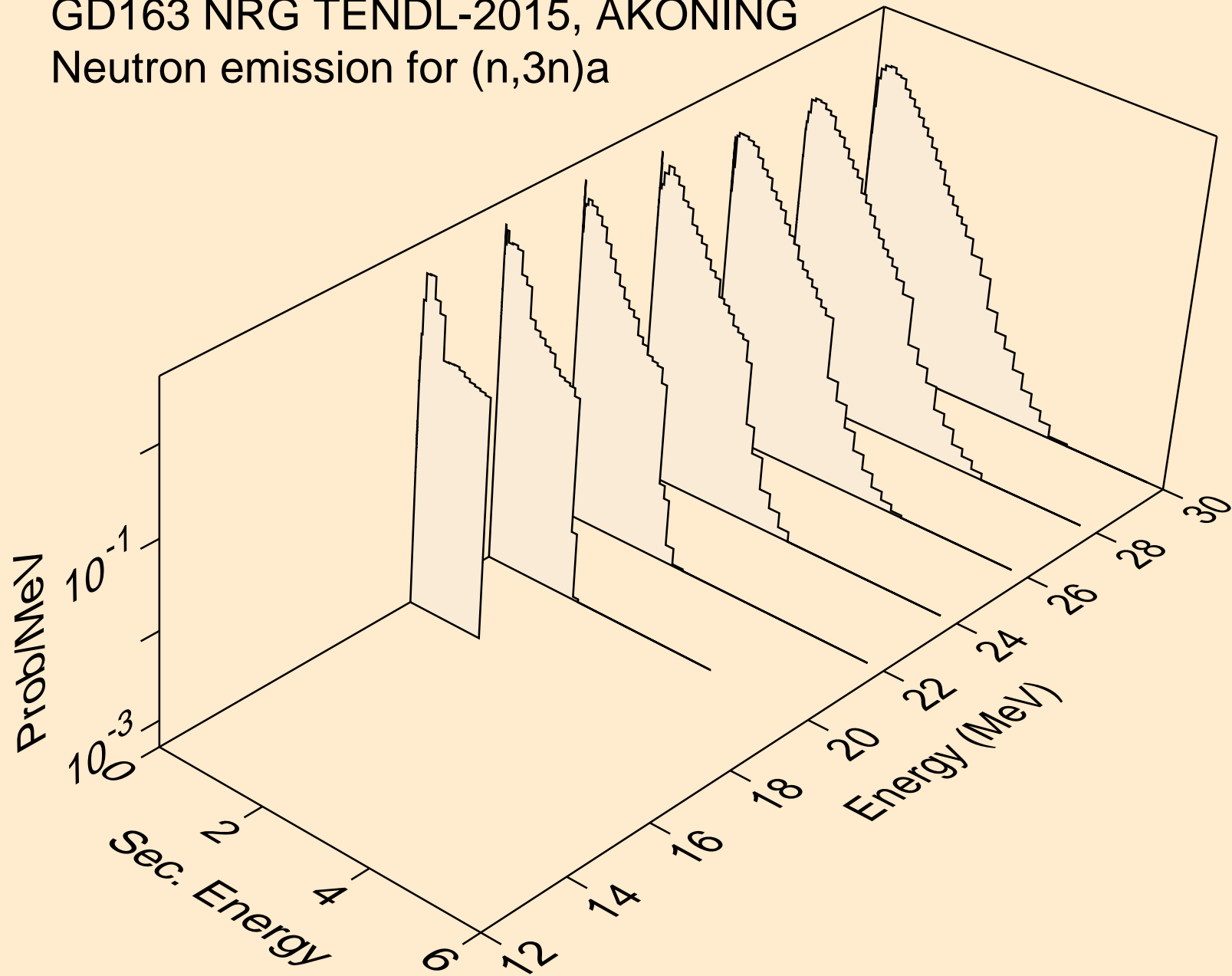


GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

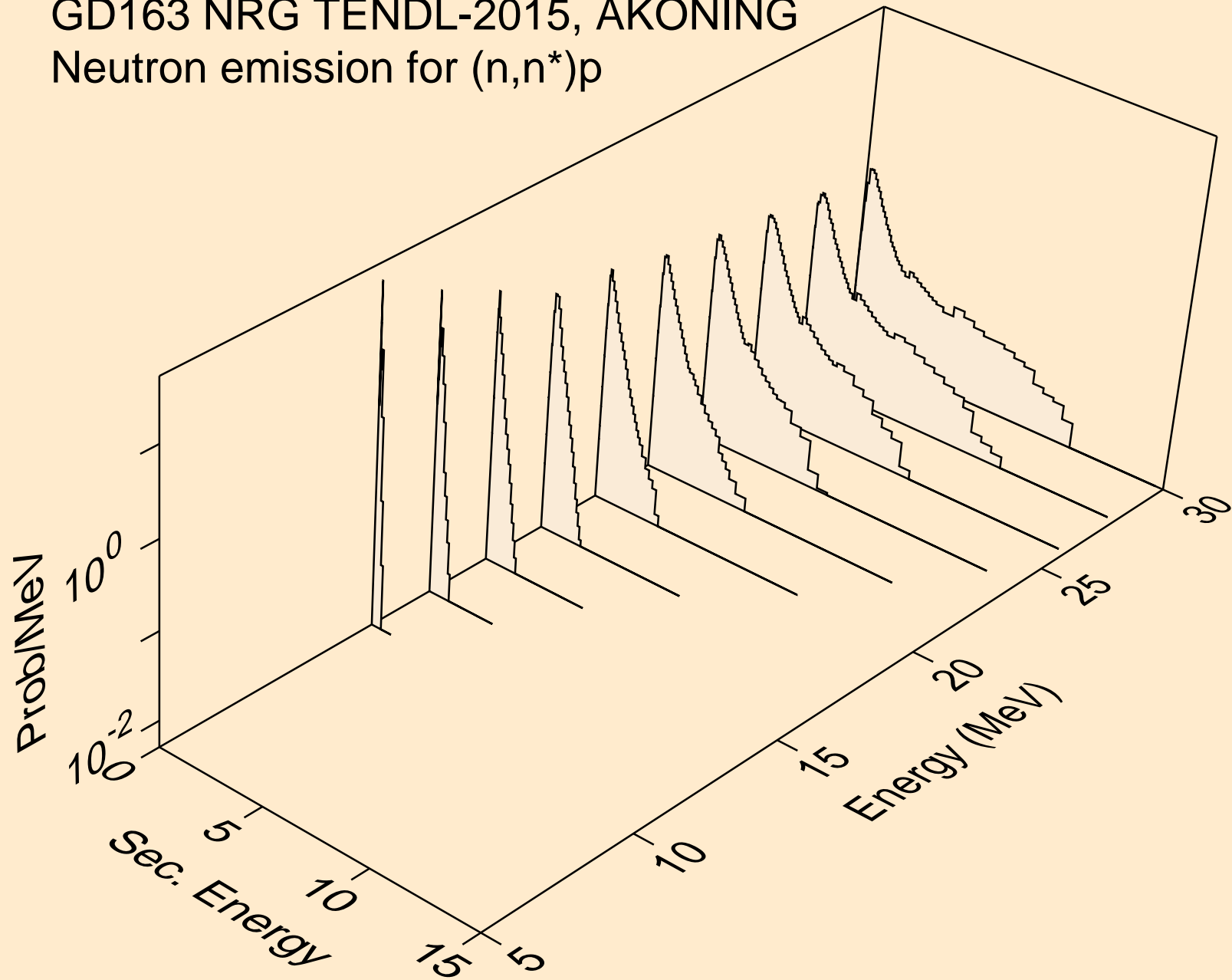




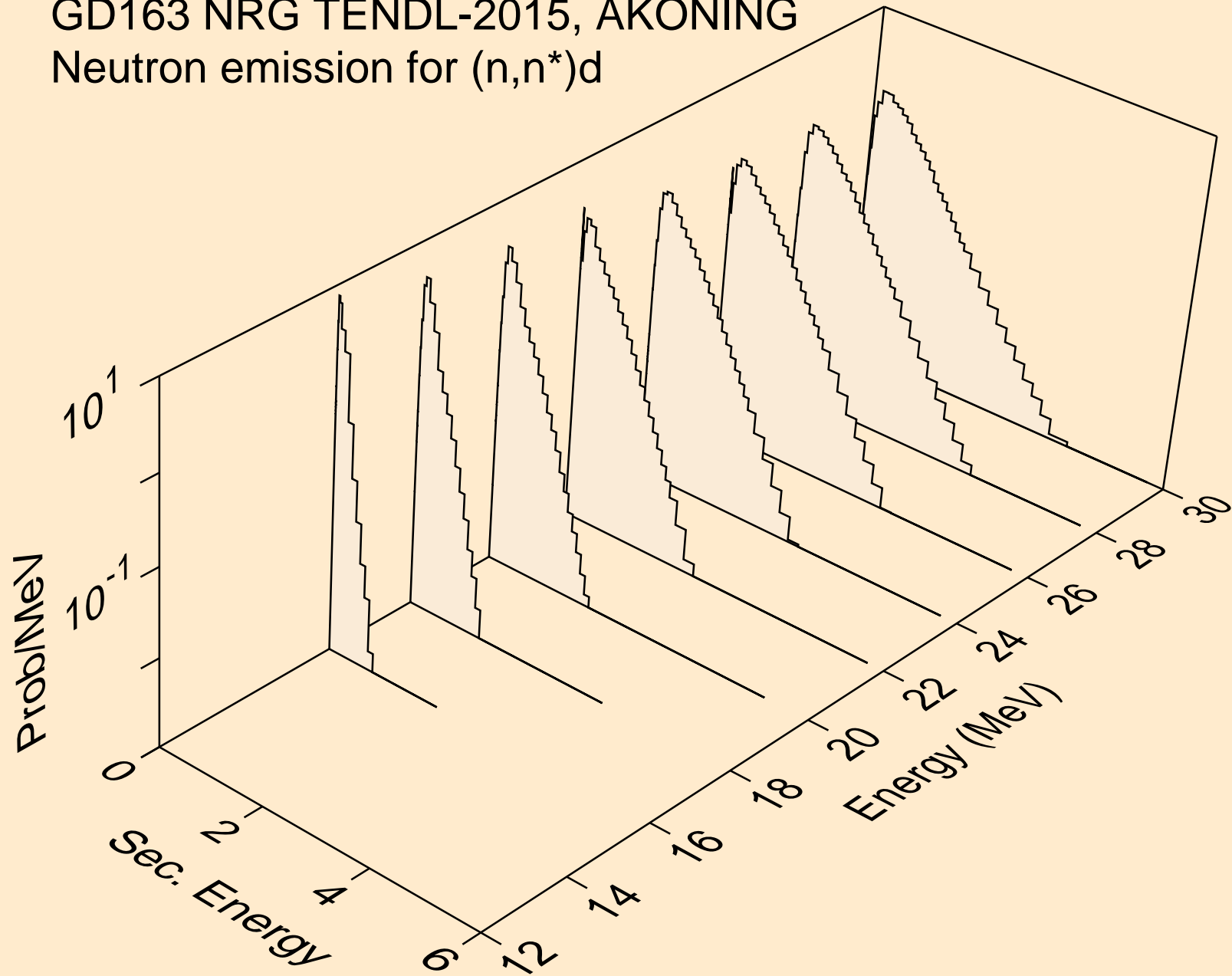
GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



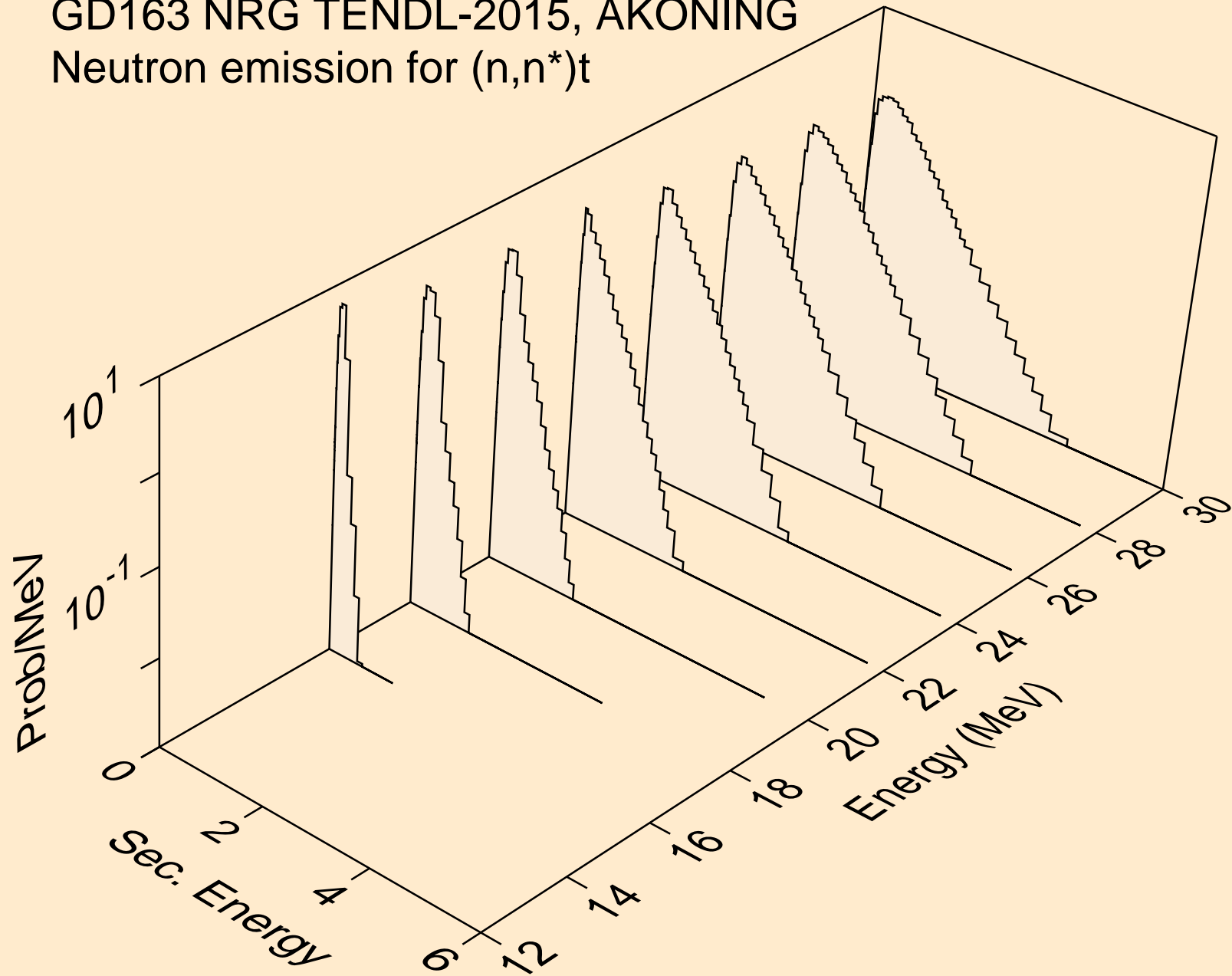
GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



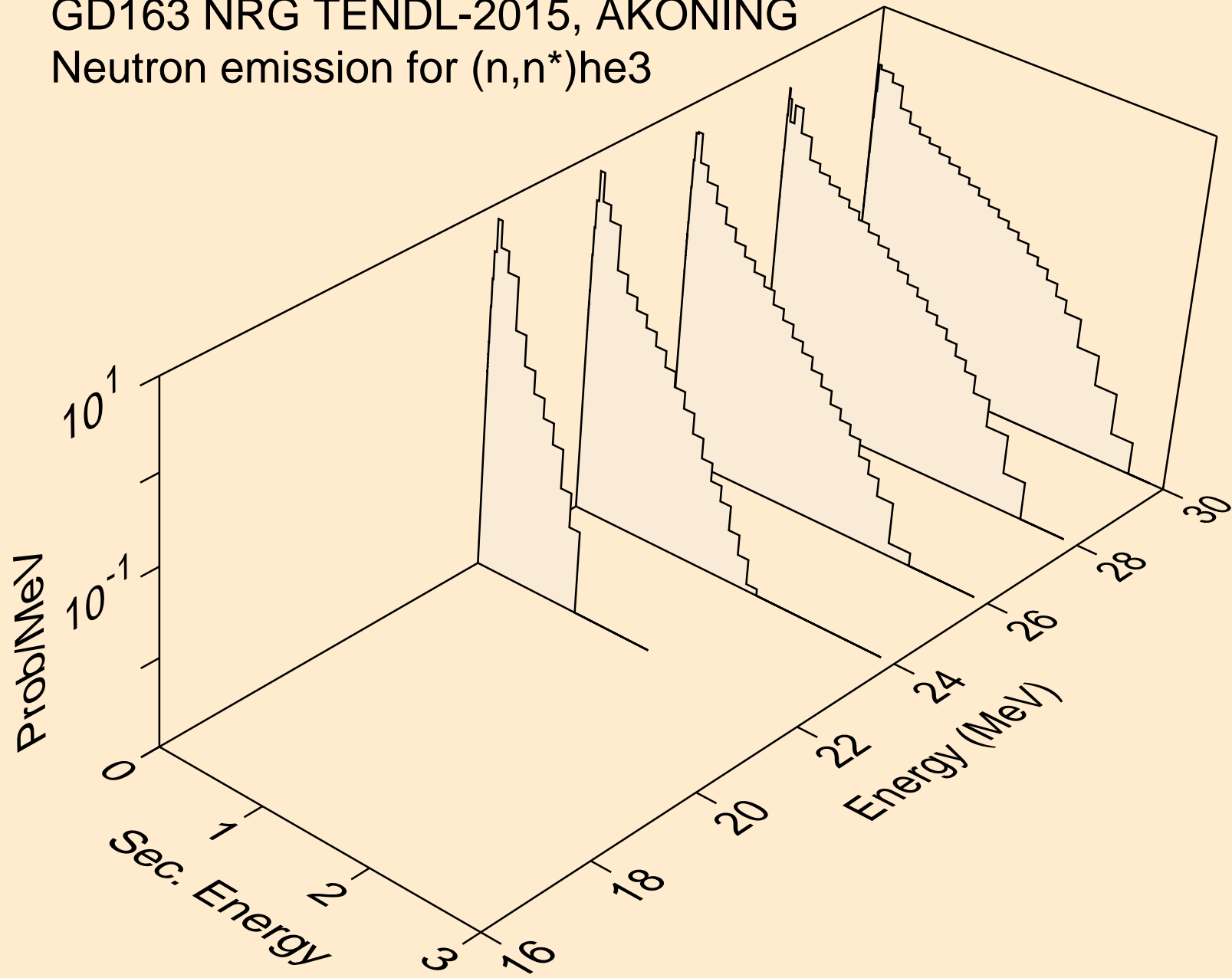
GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



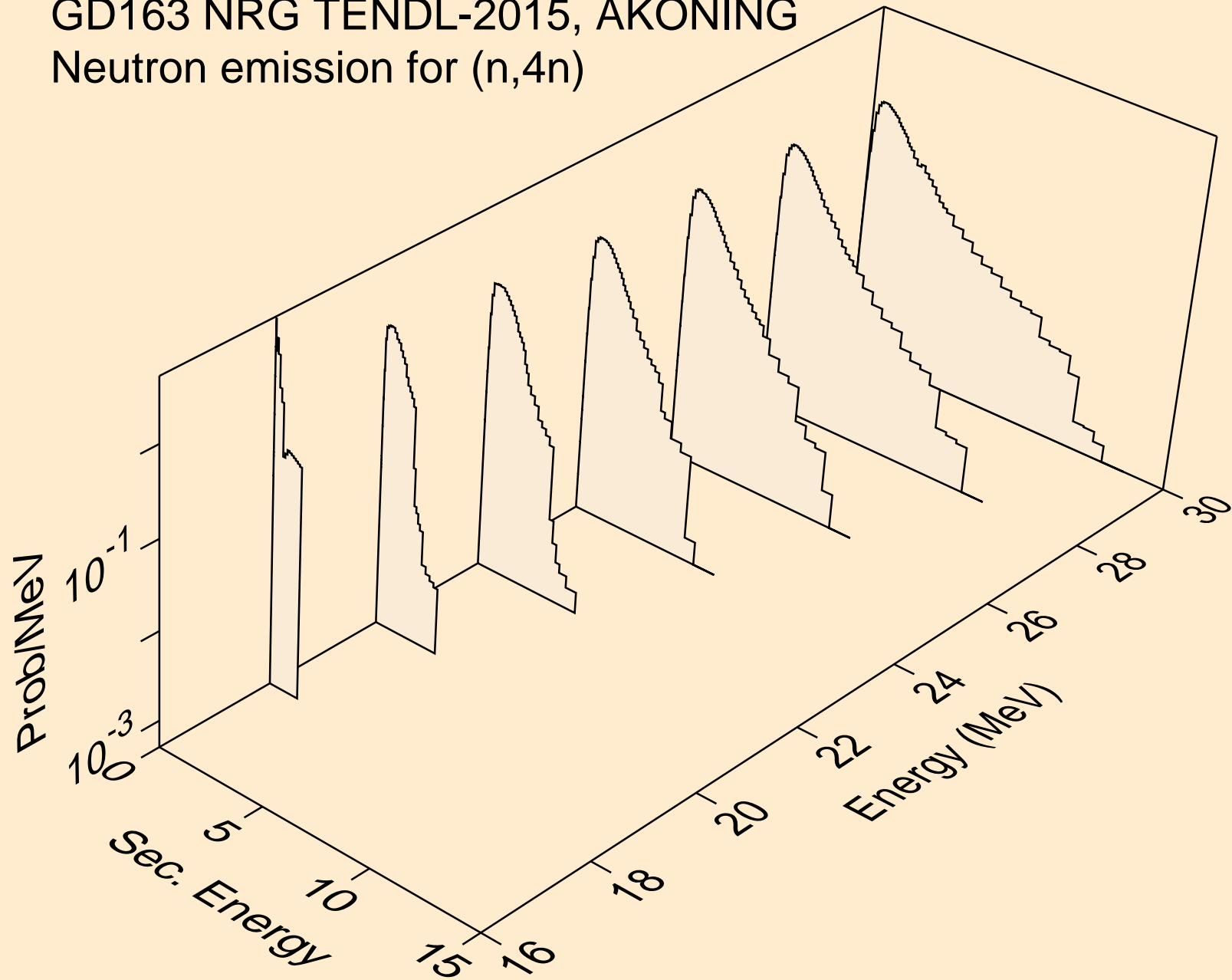
GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



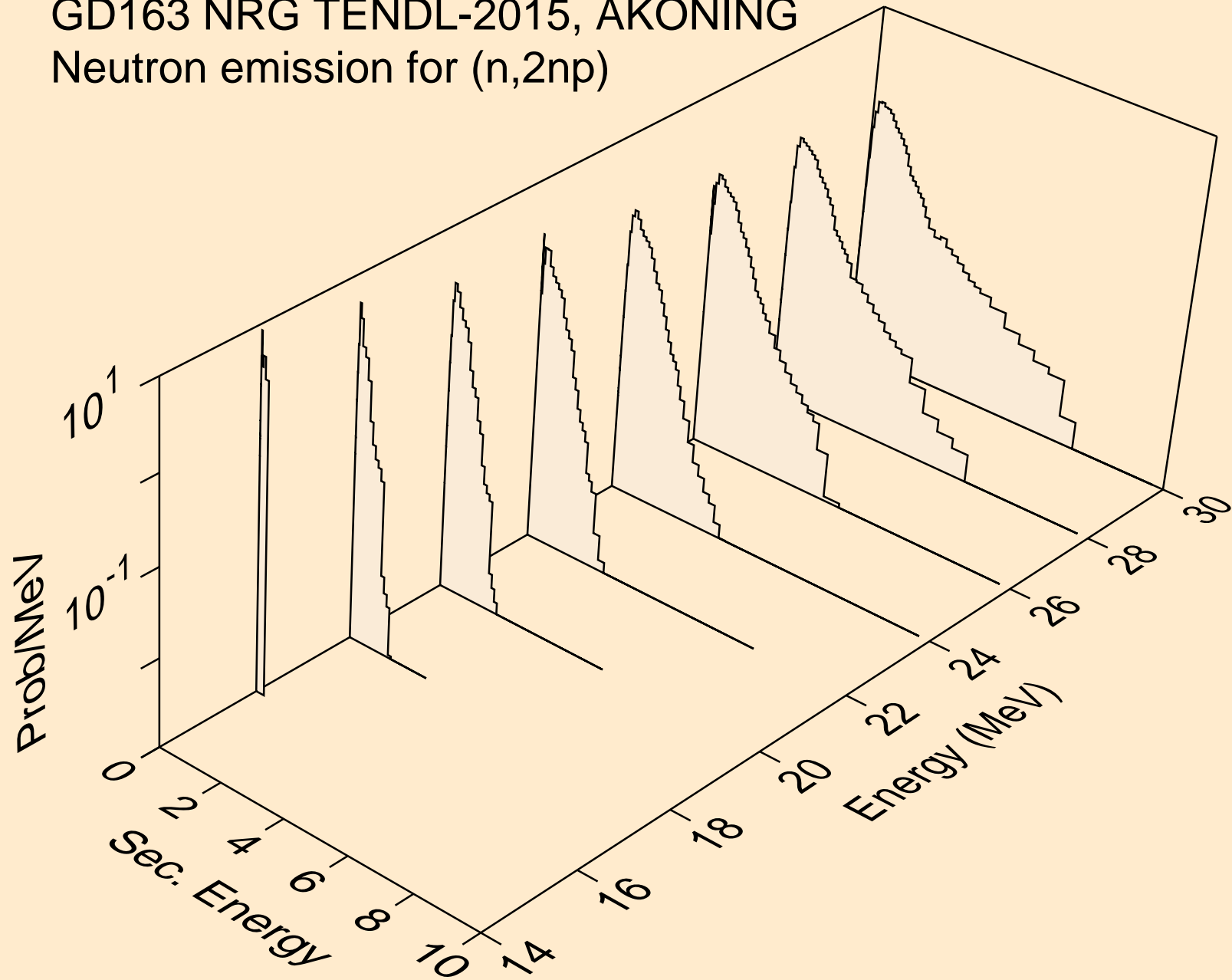
GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



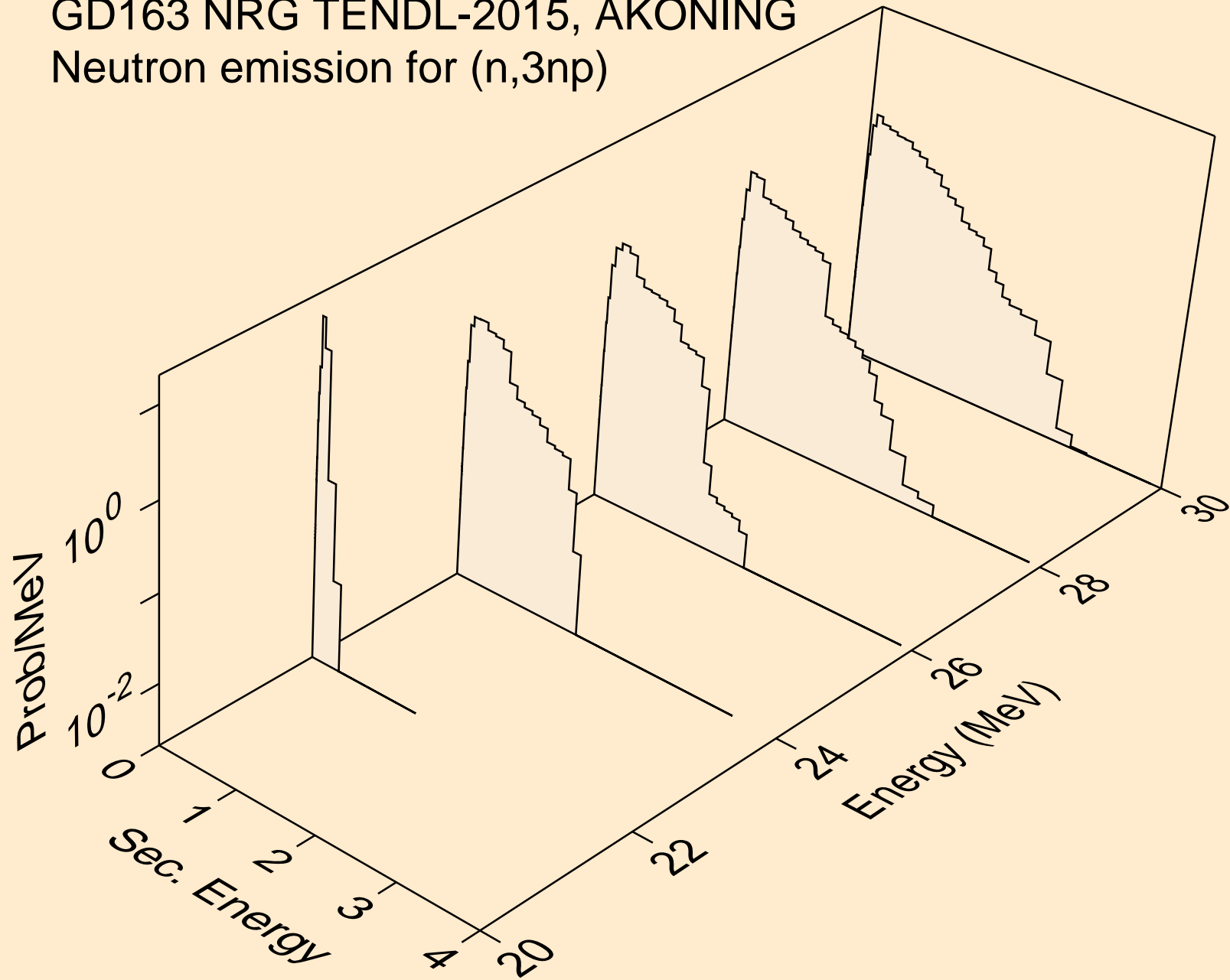
GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

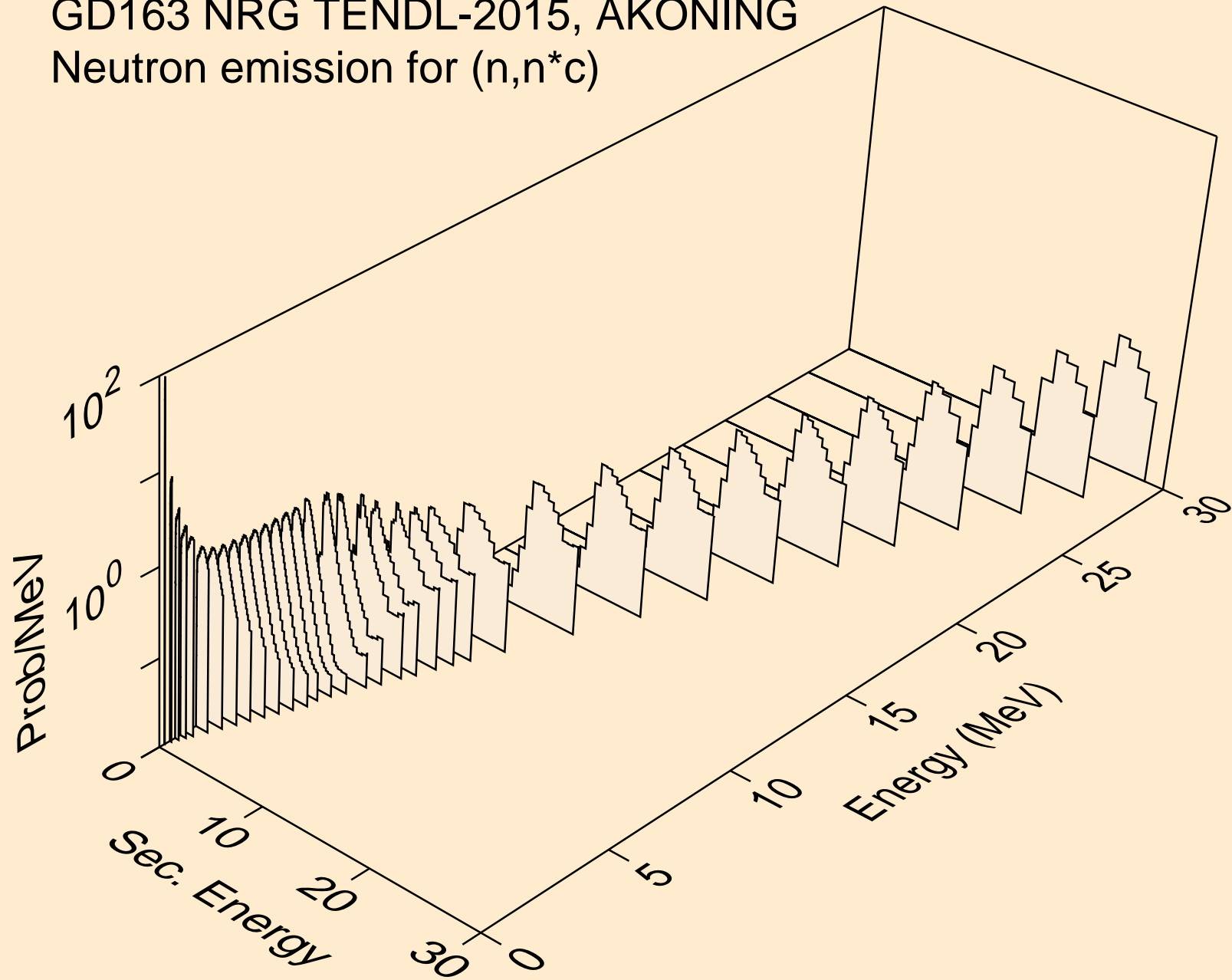


GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

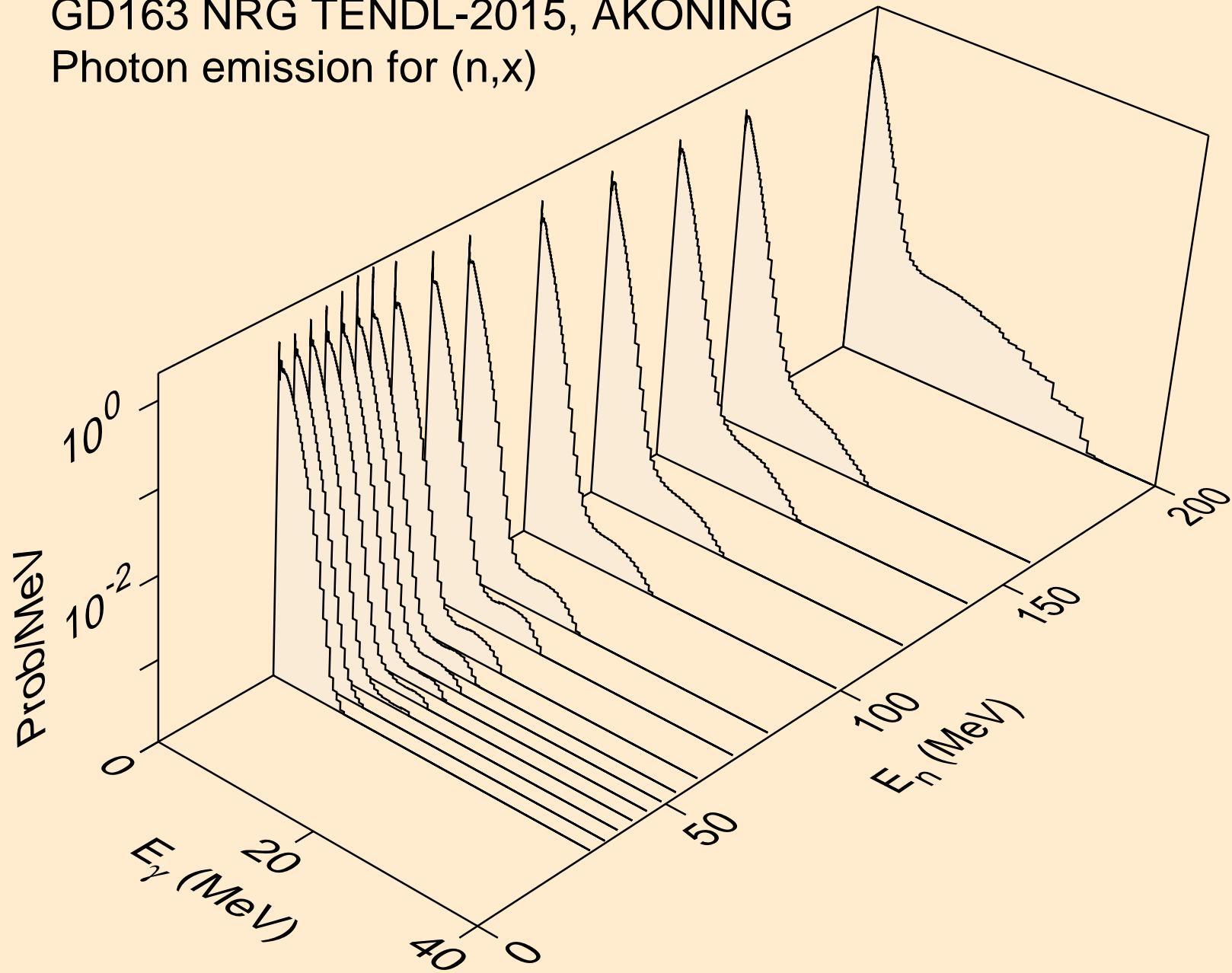




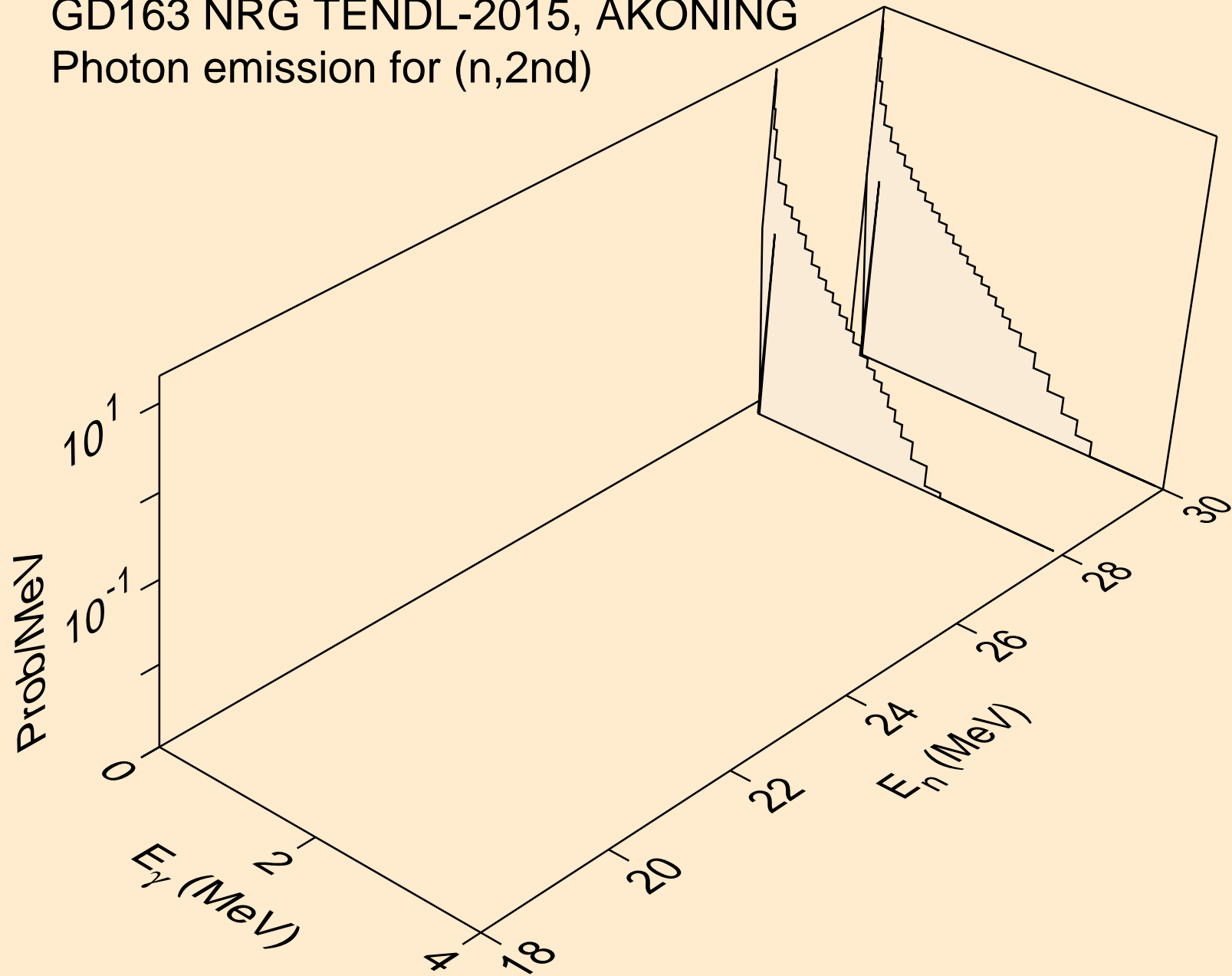
GD163 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



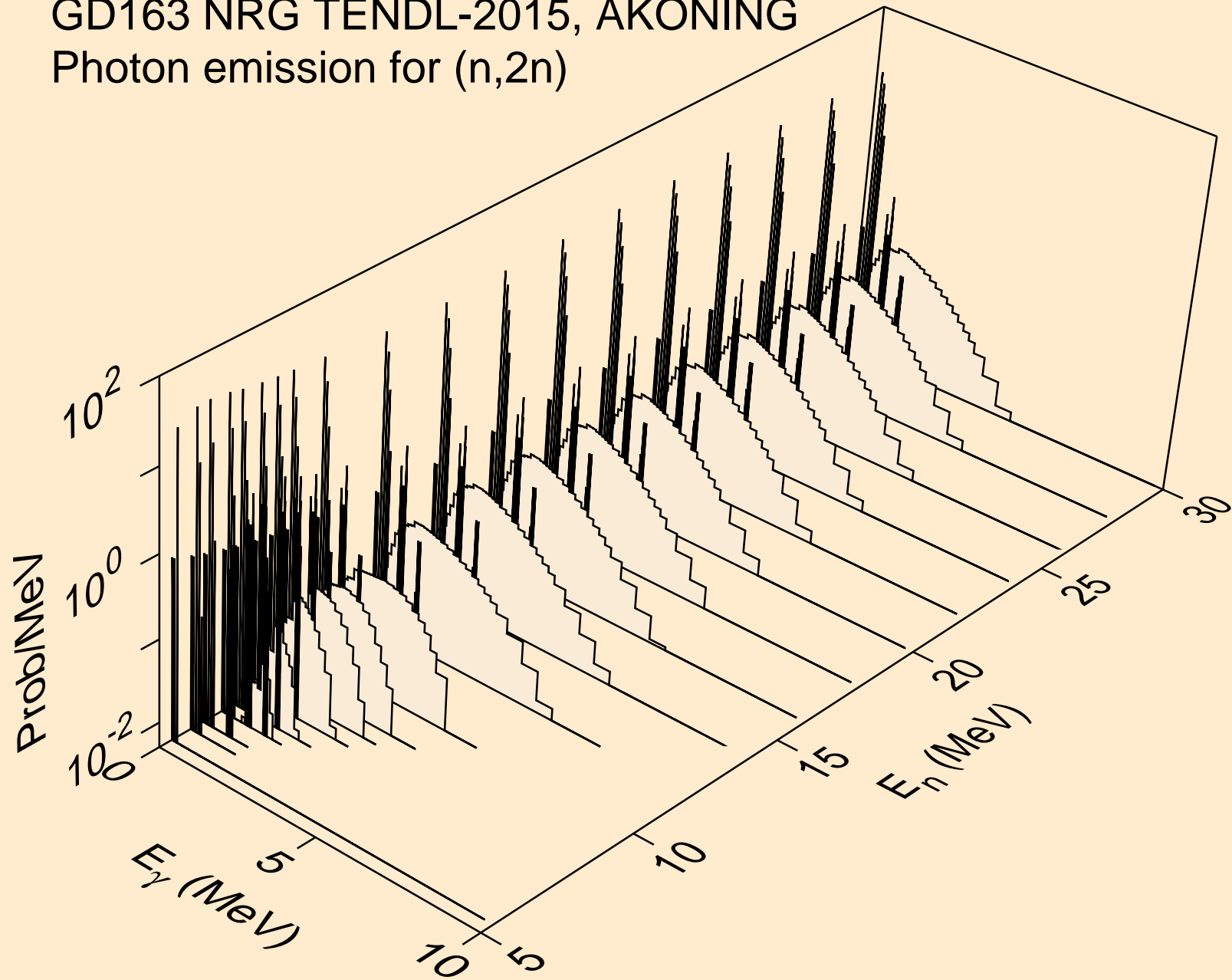
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



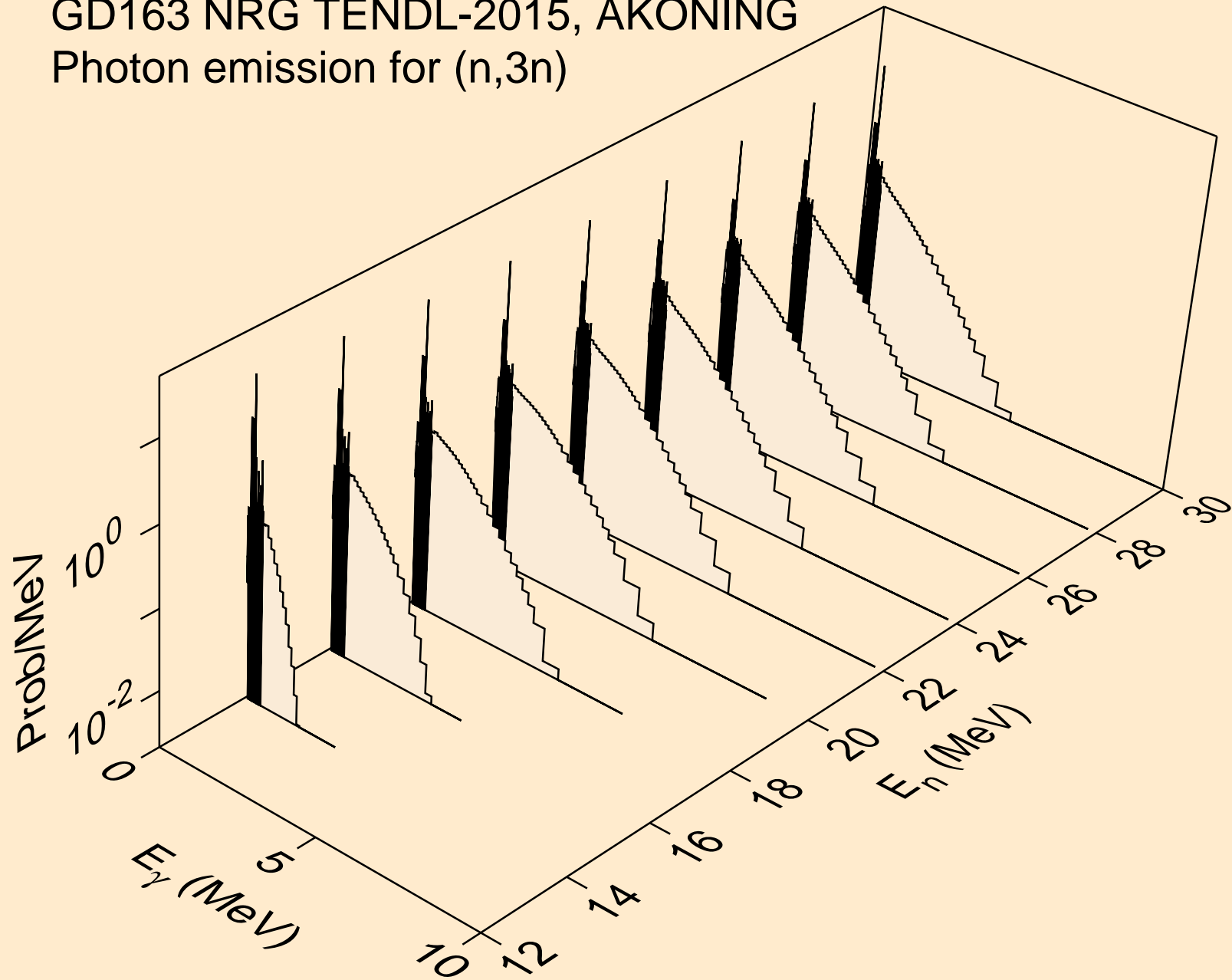
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



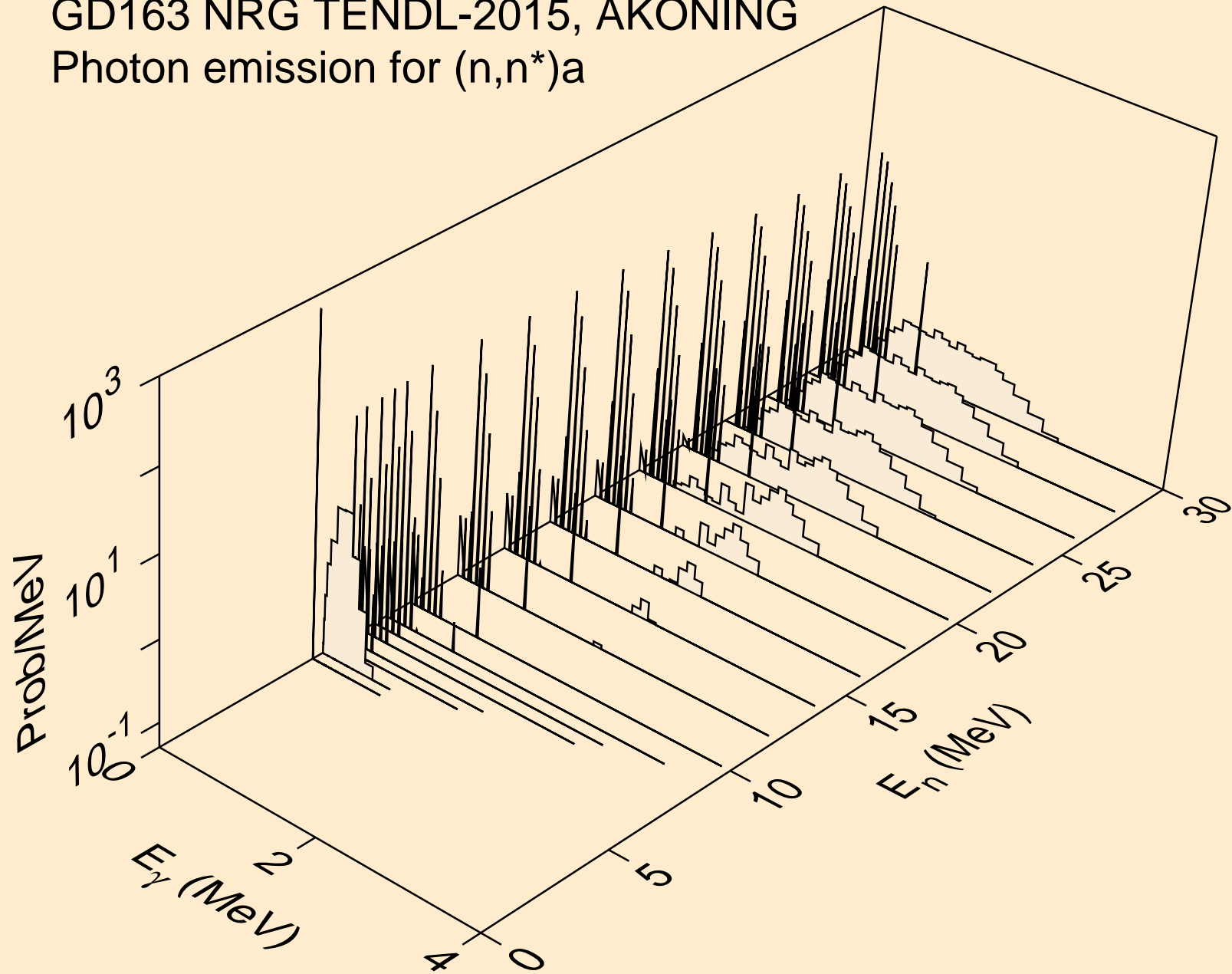
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



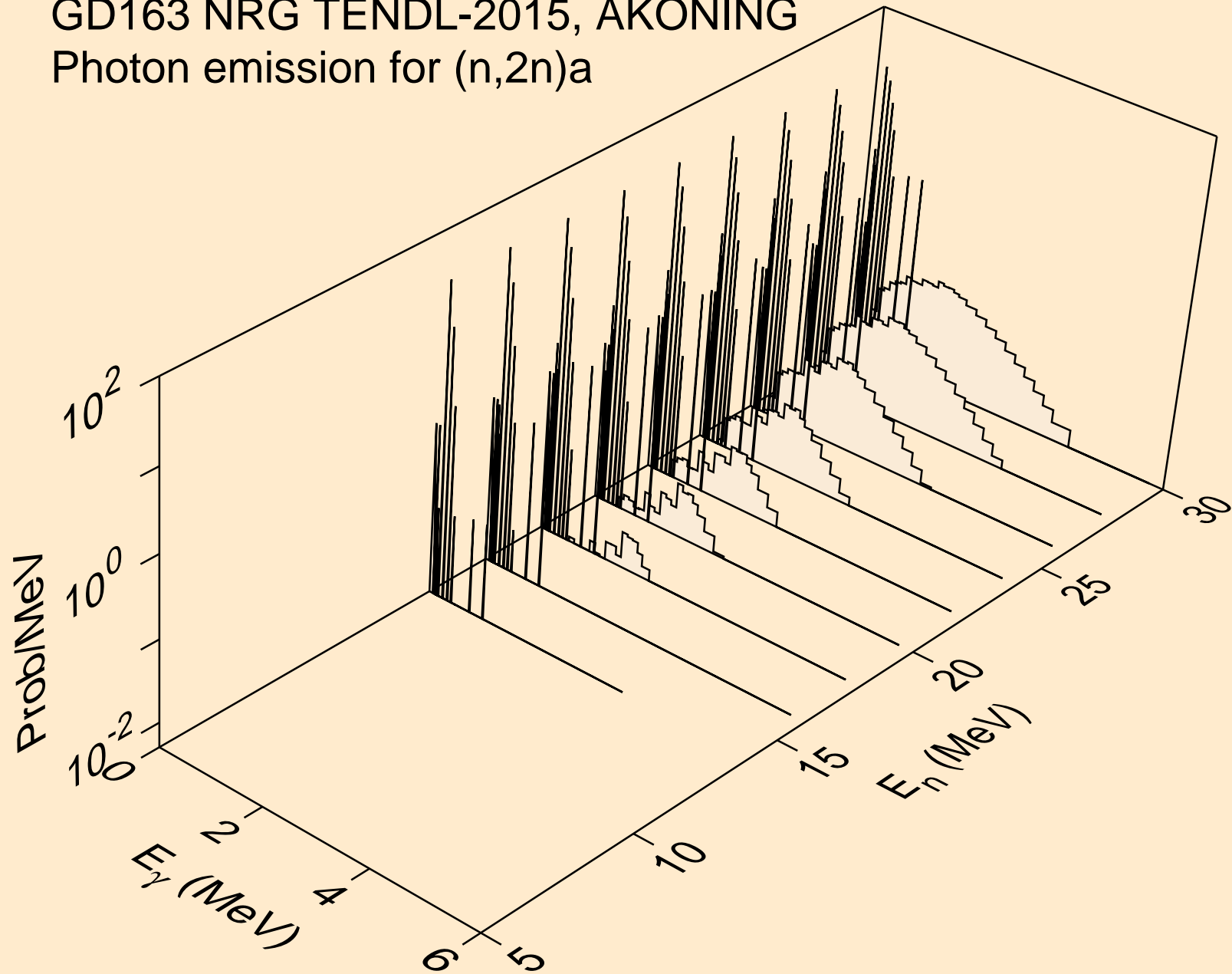
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



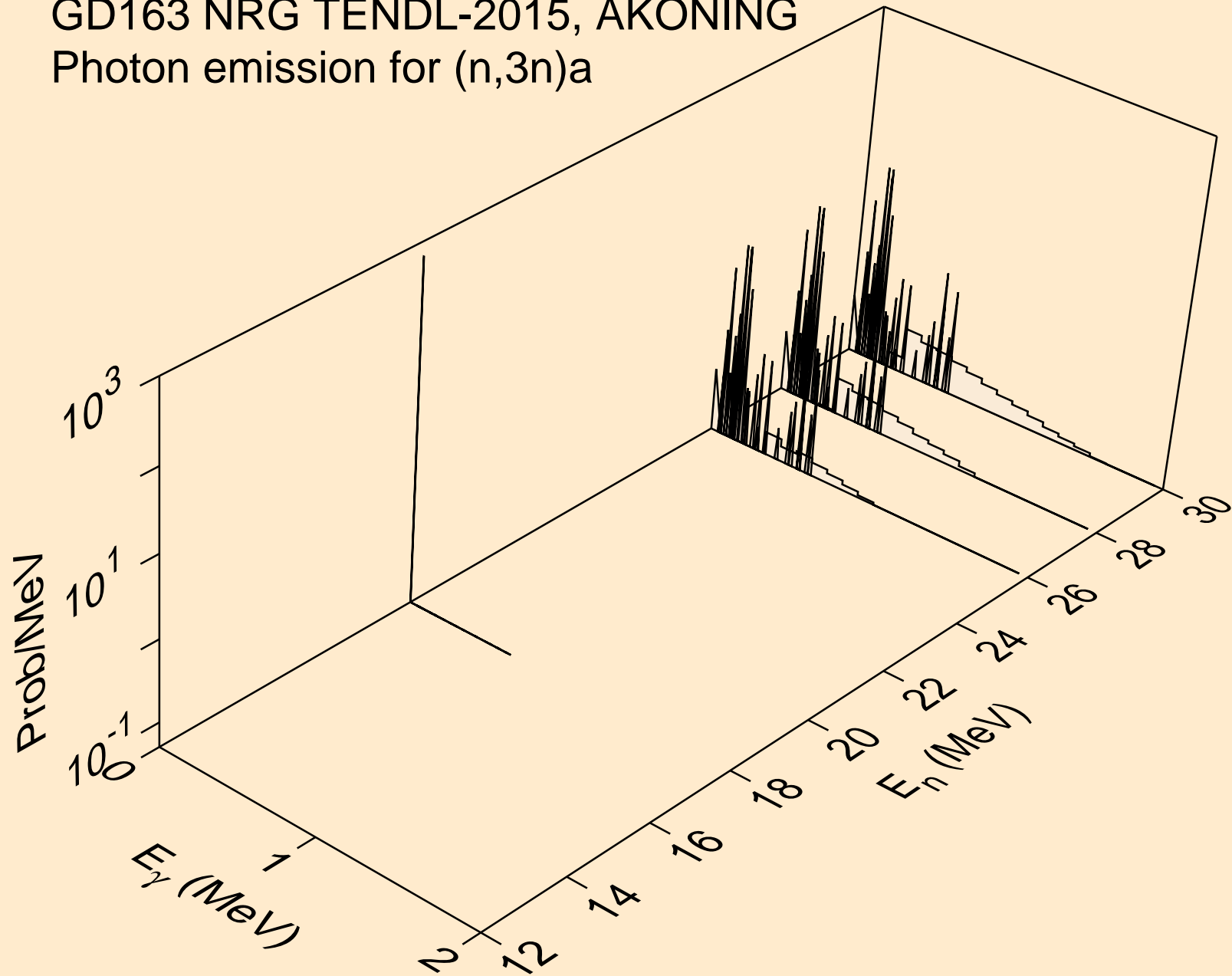
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

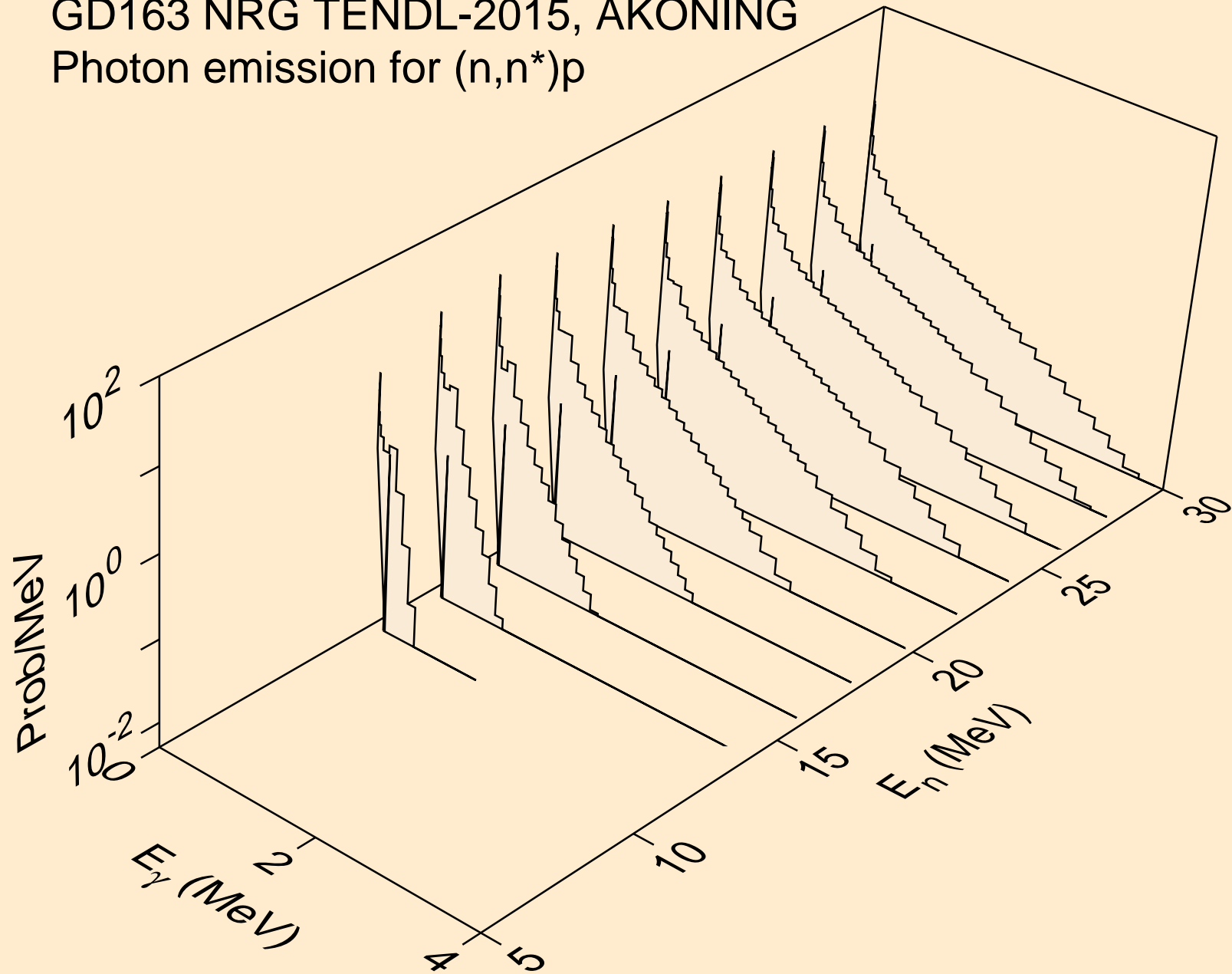


GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

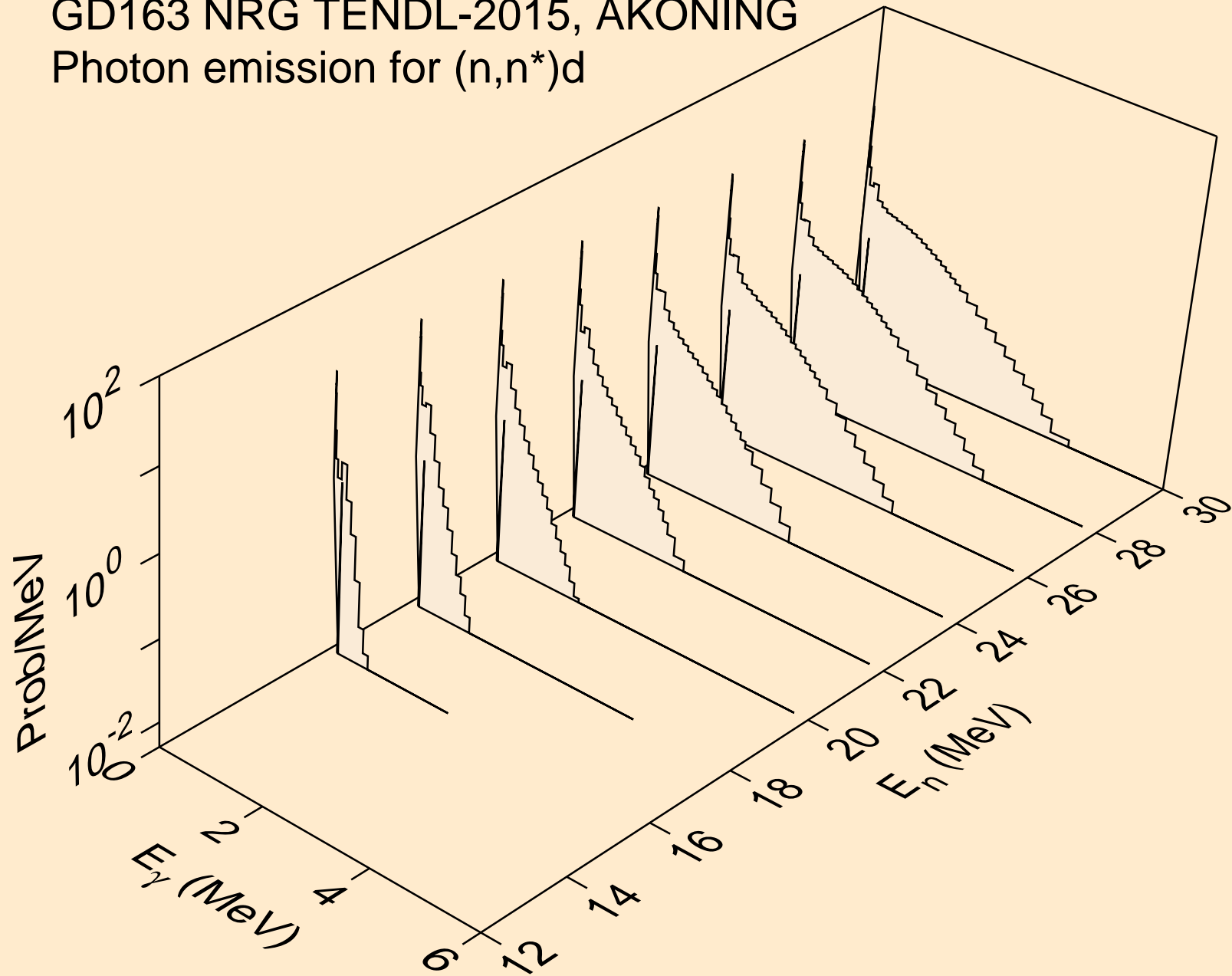




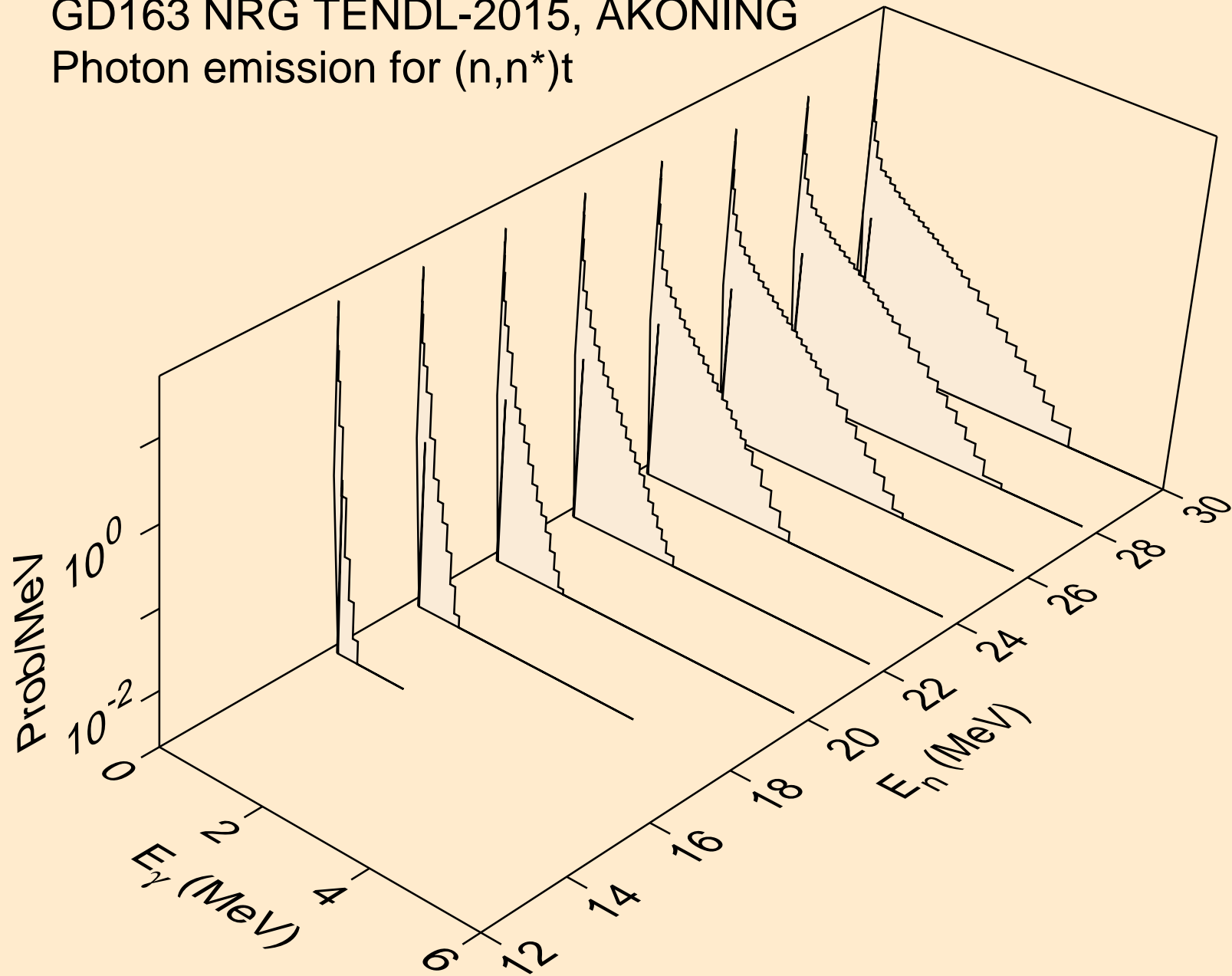
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



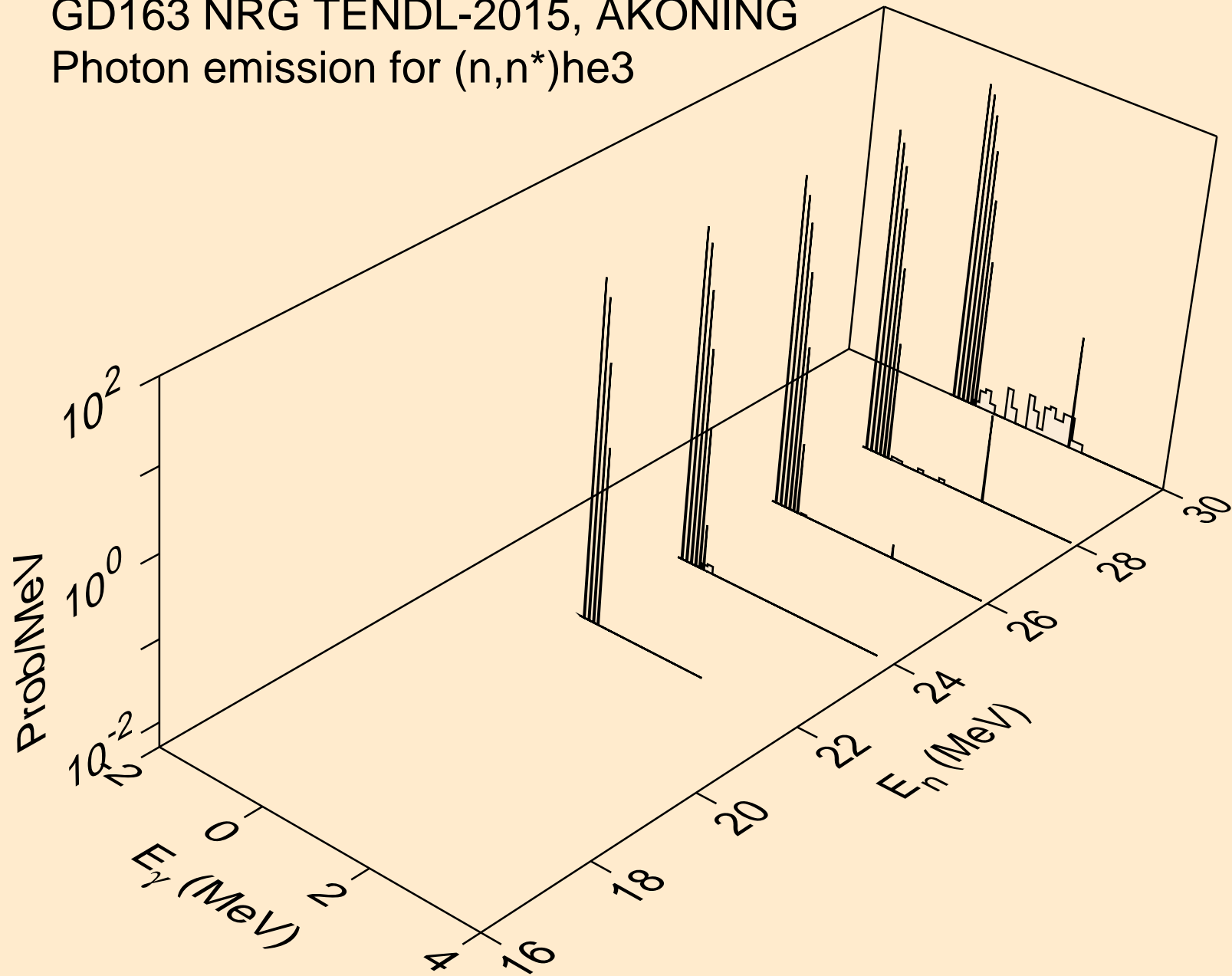
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



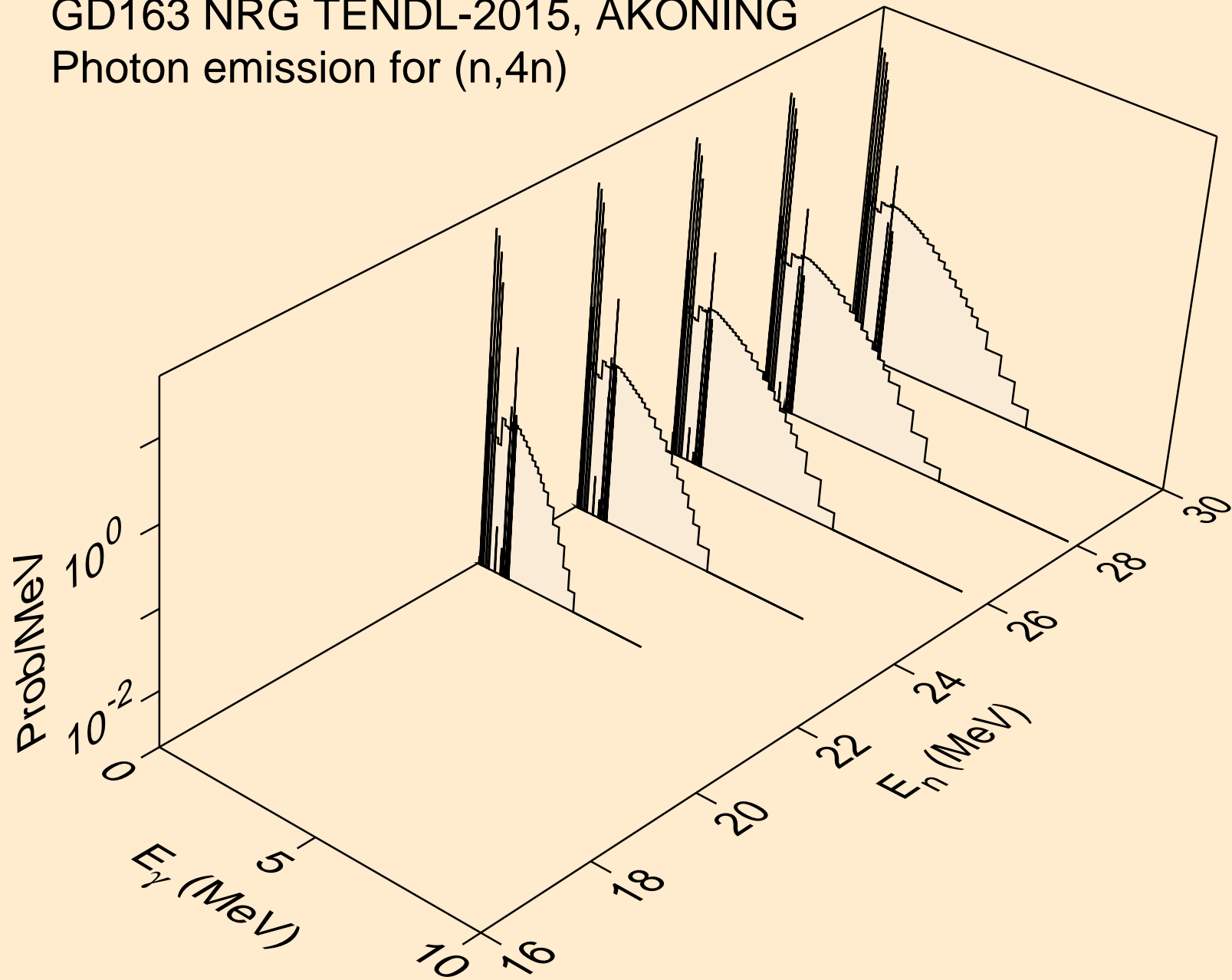
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



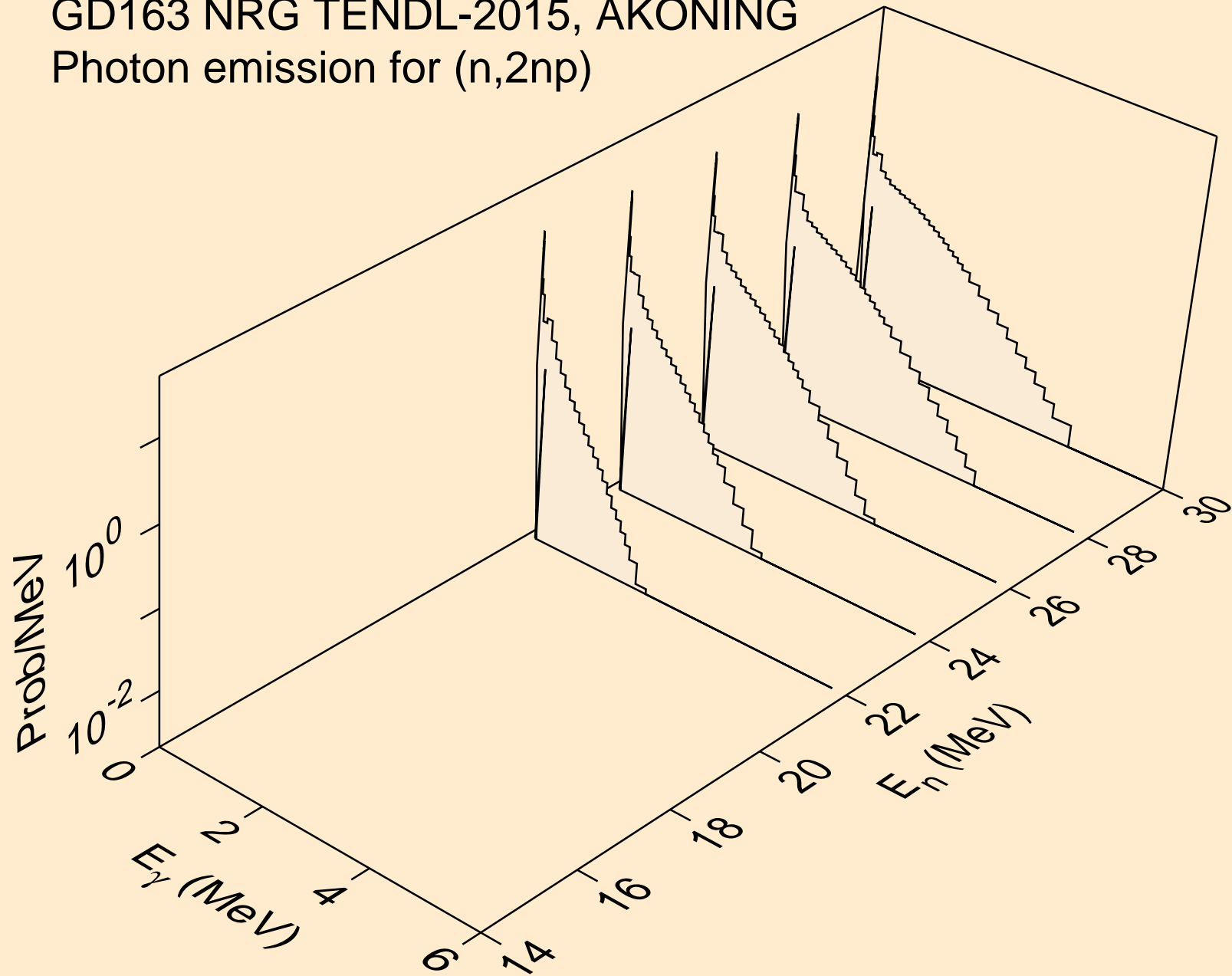
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



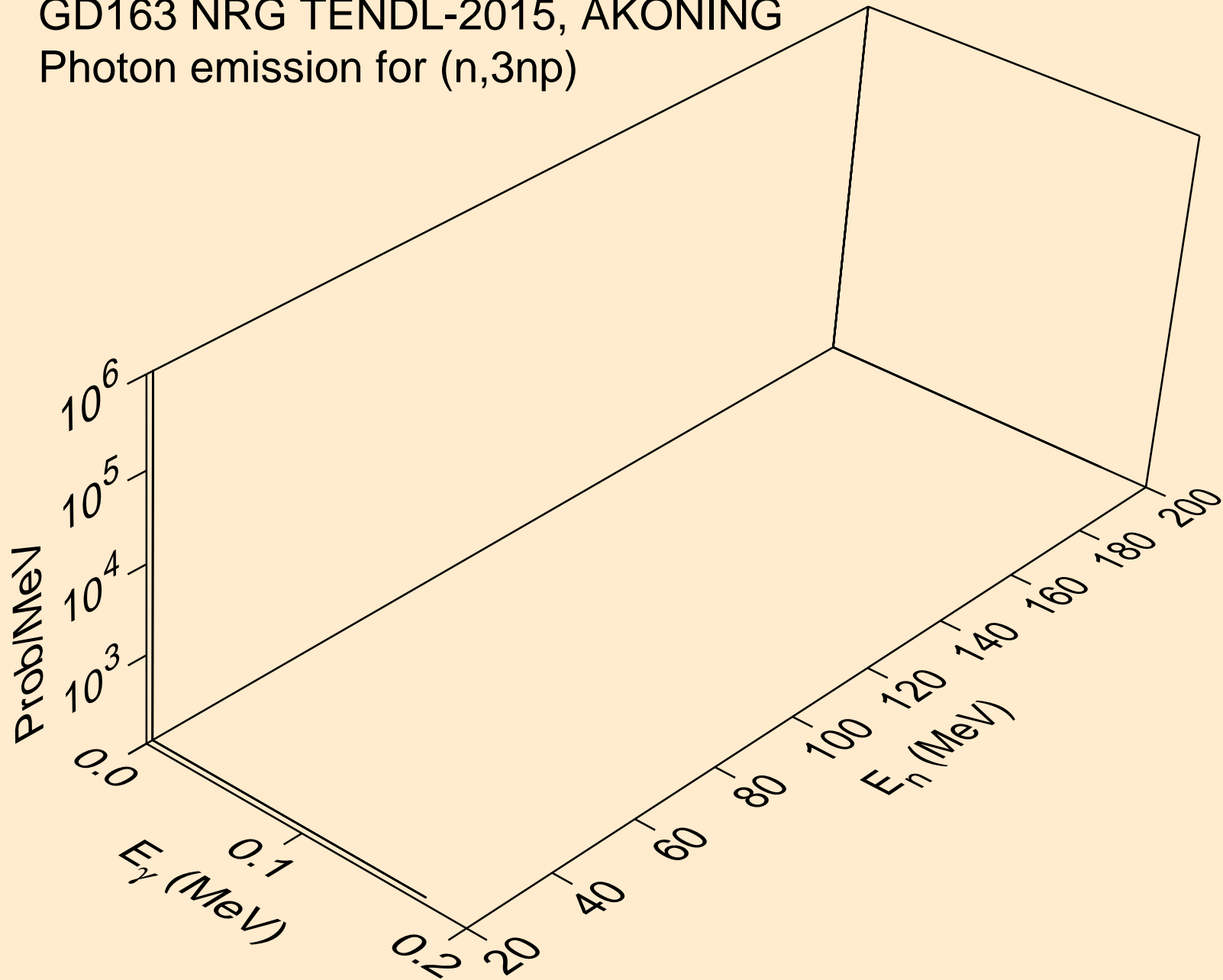
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



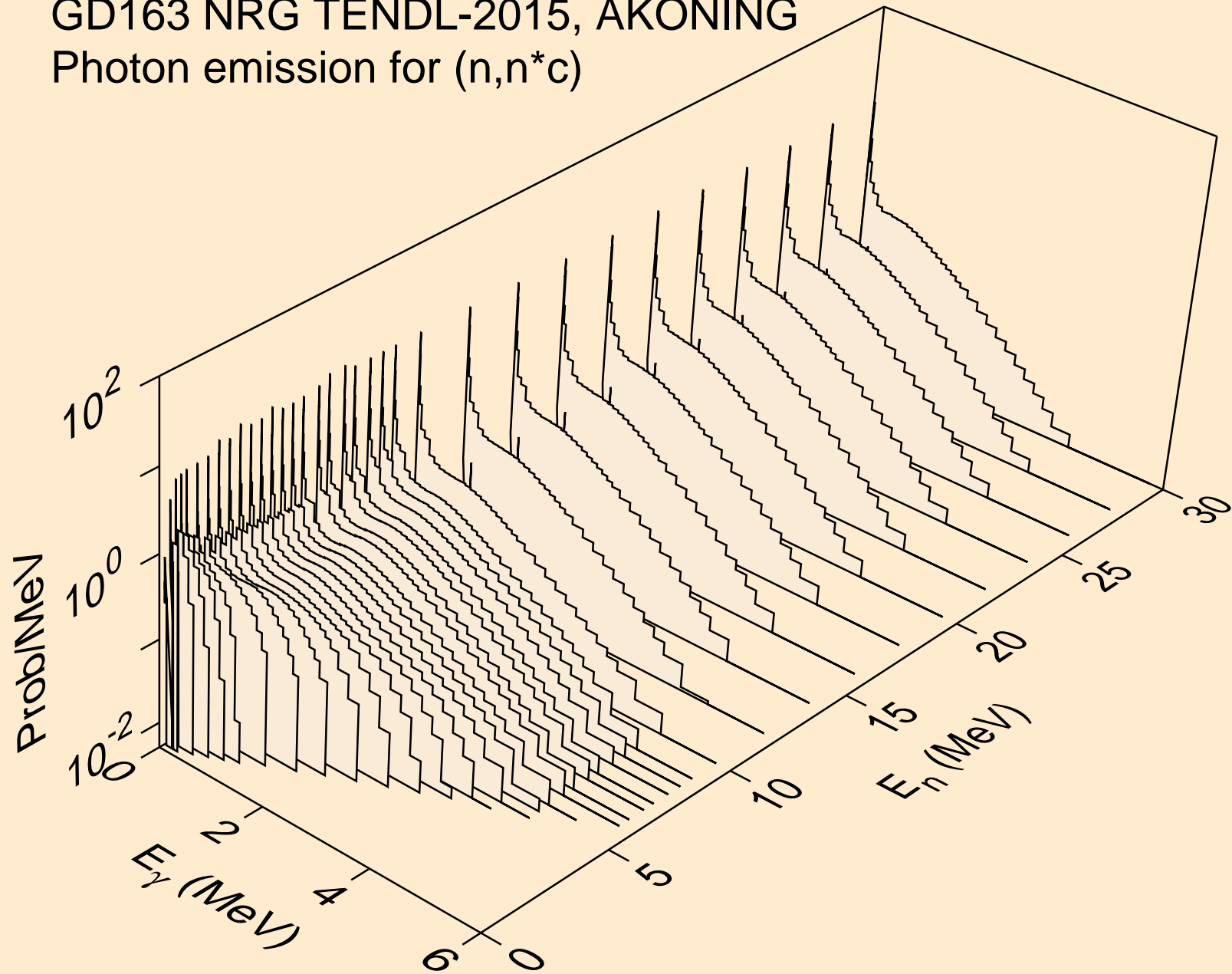
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

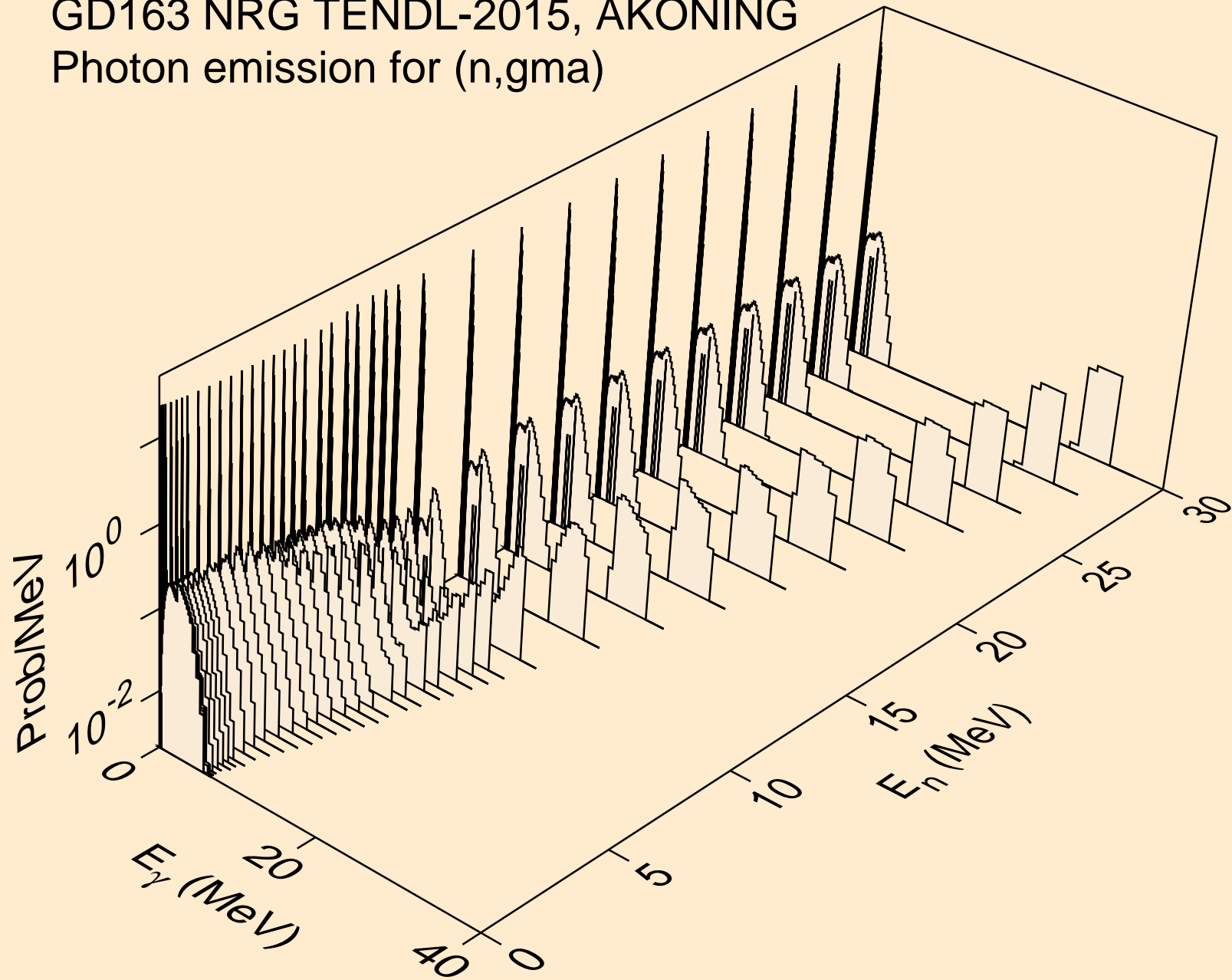


GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

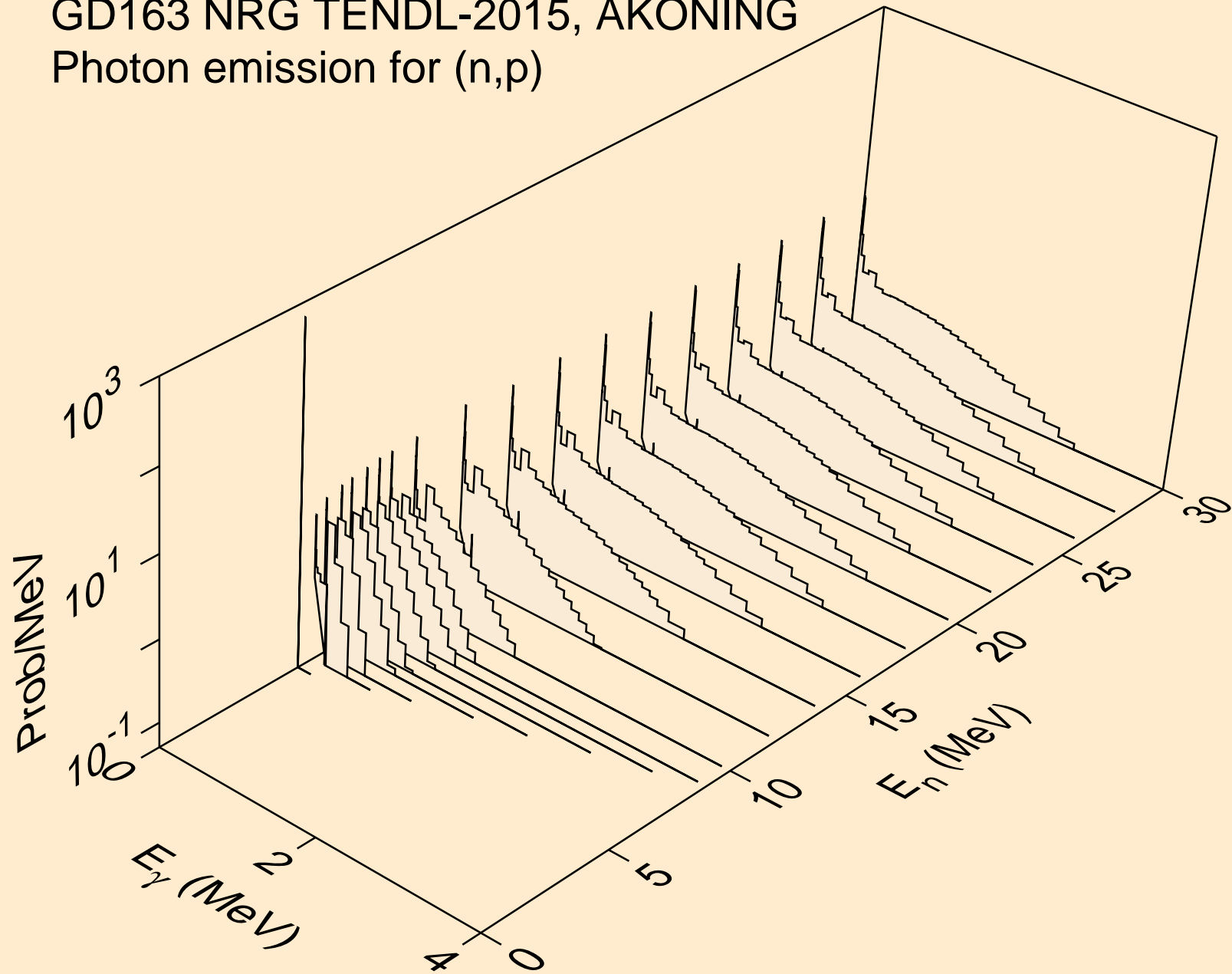




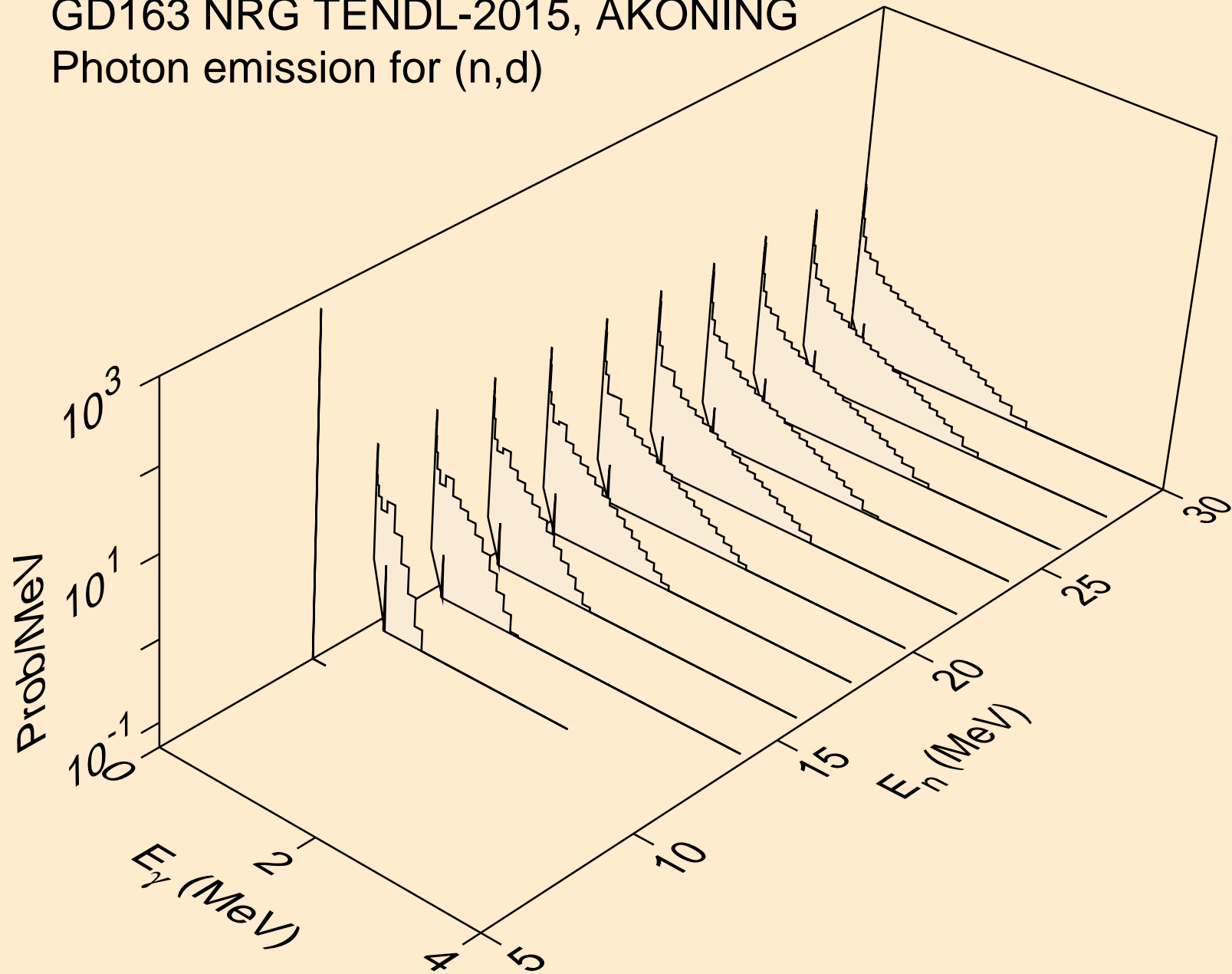
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



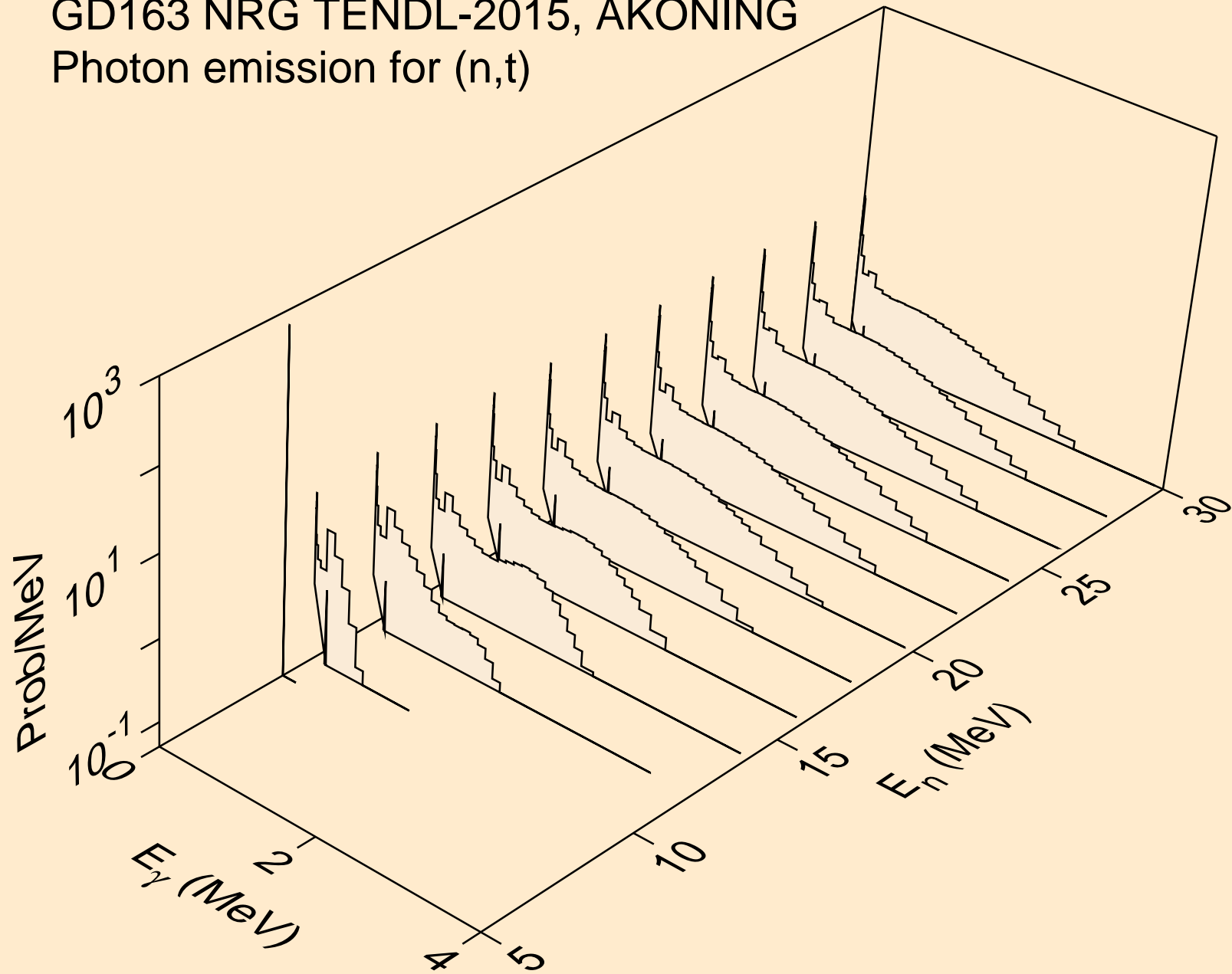
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



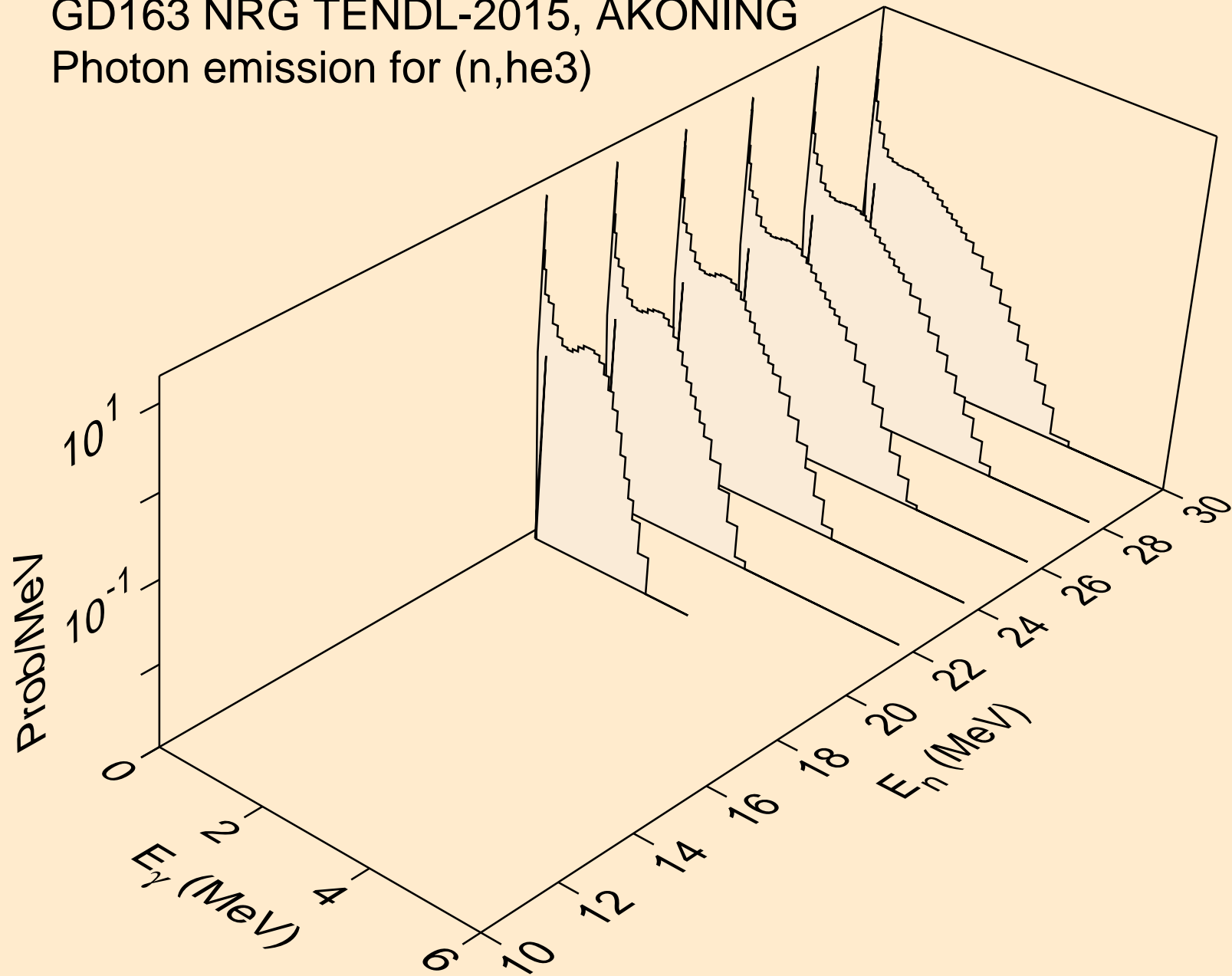
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



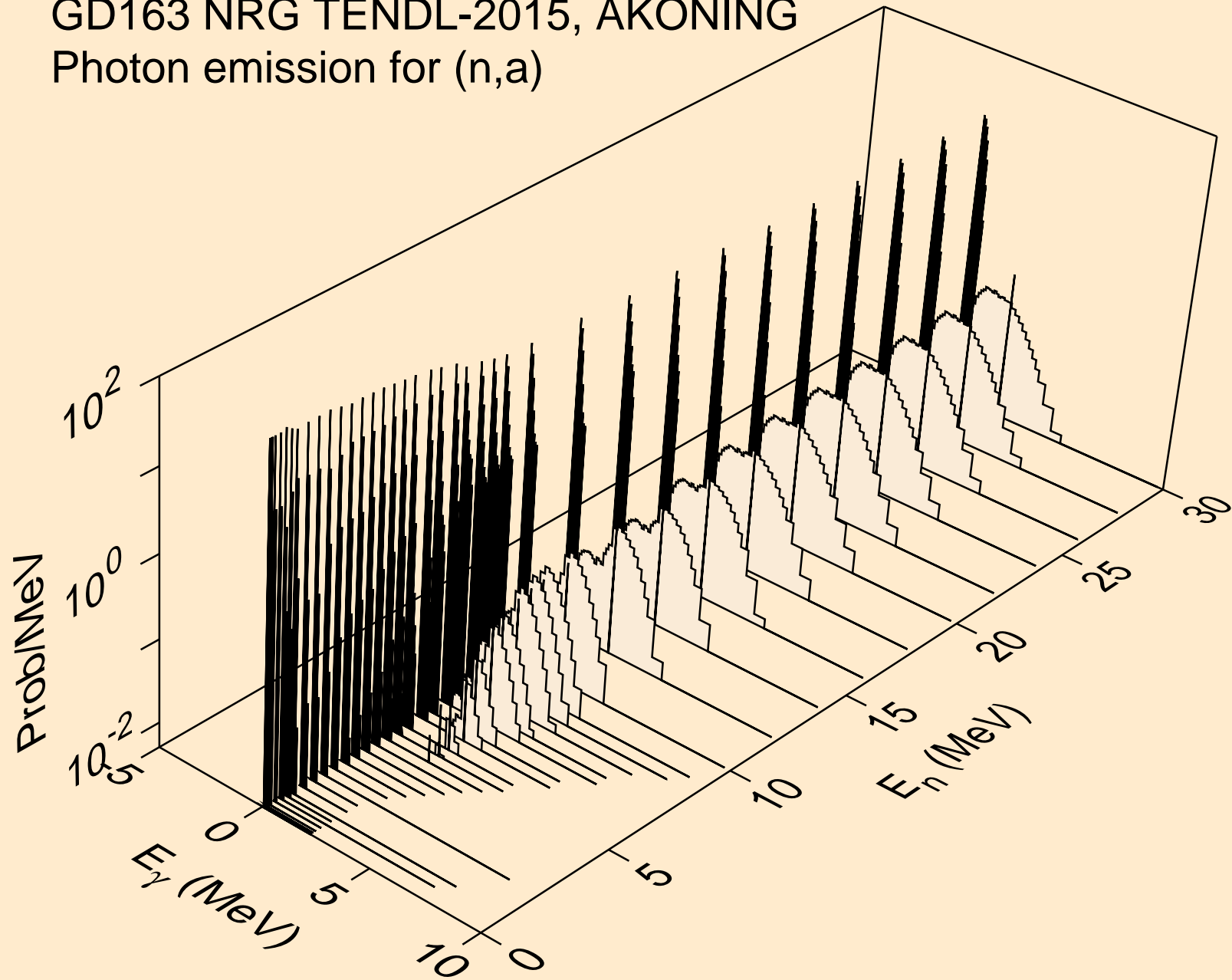
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



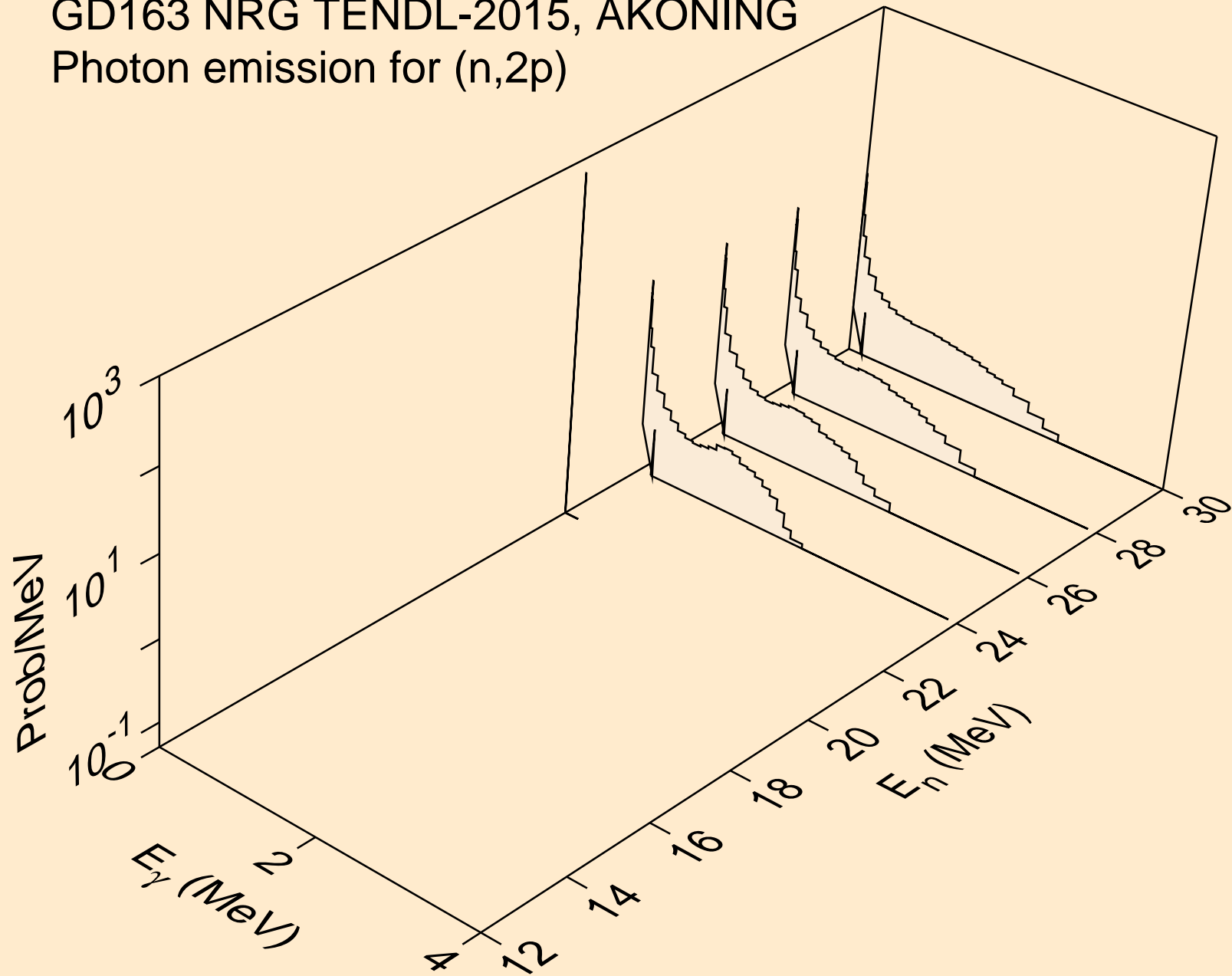
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



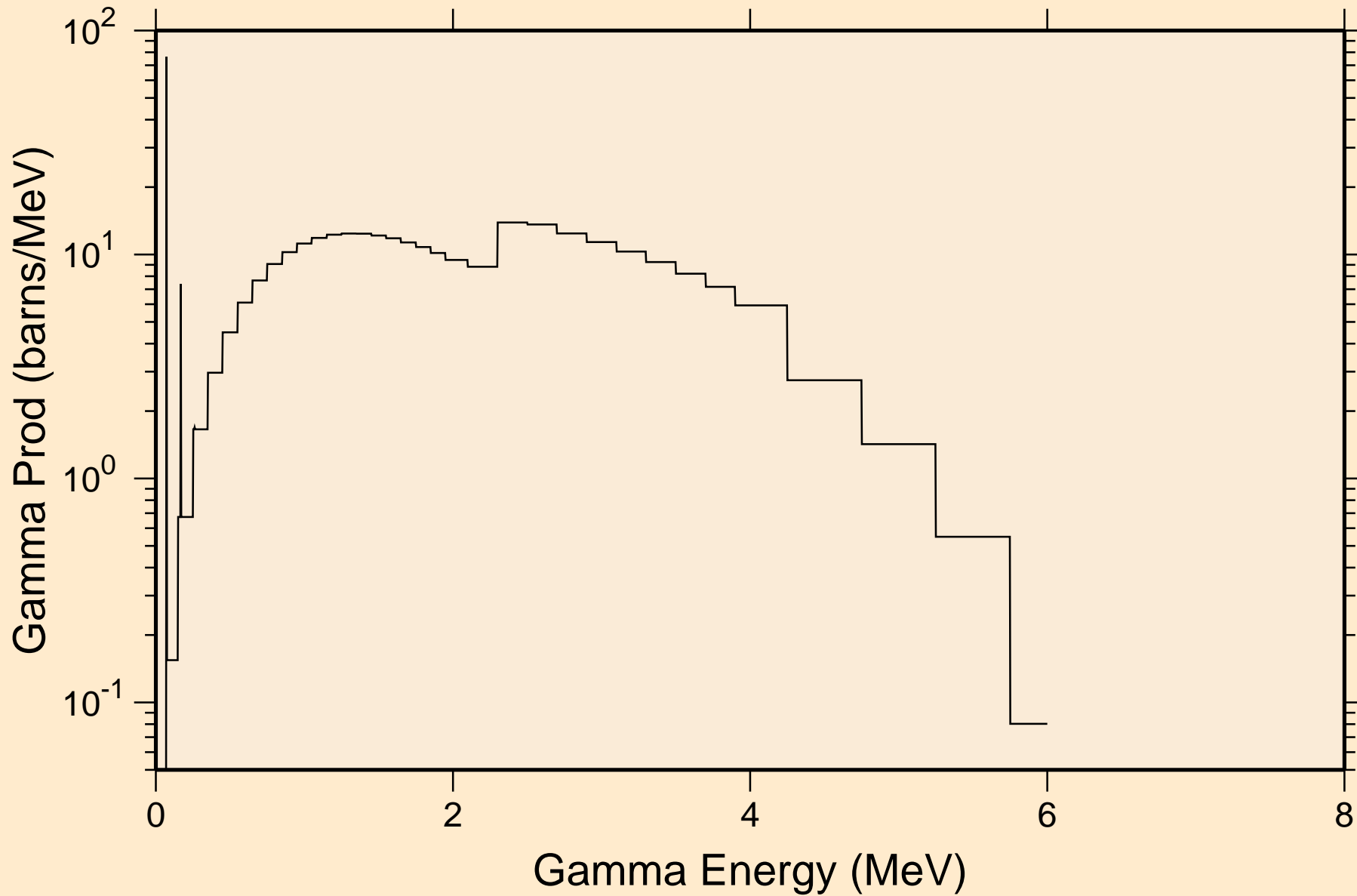
GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



GD163 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

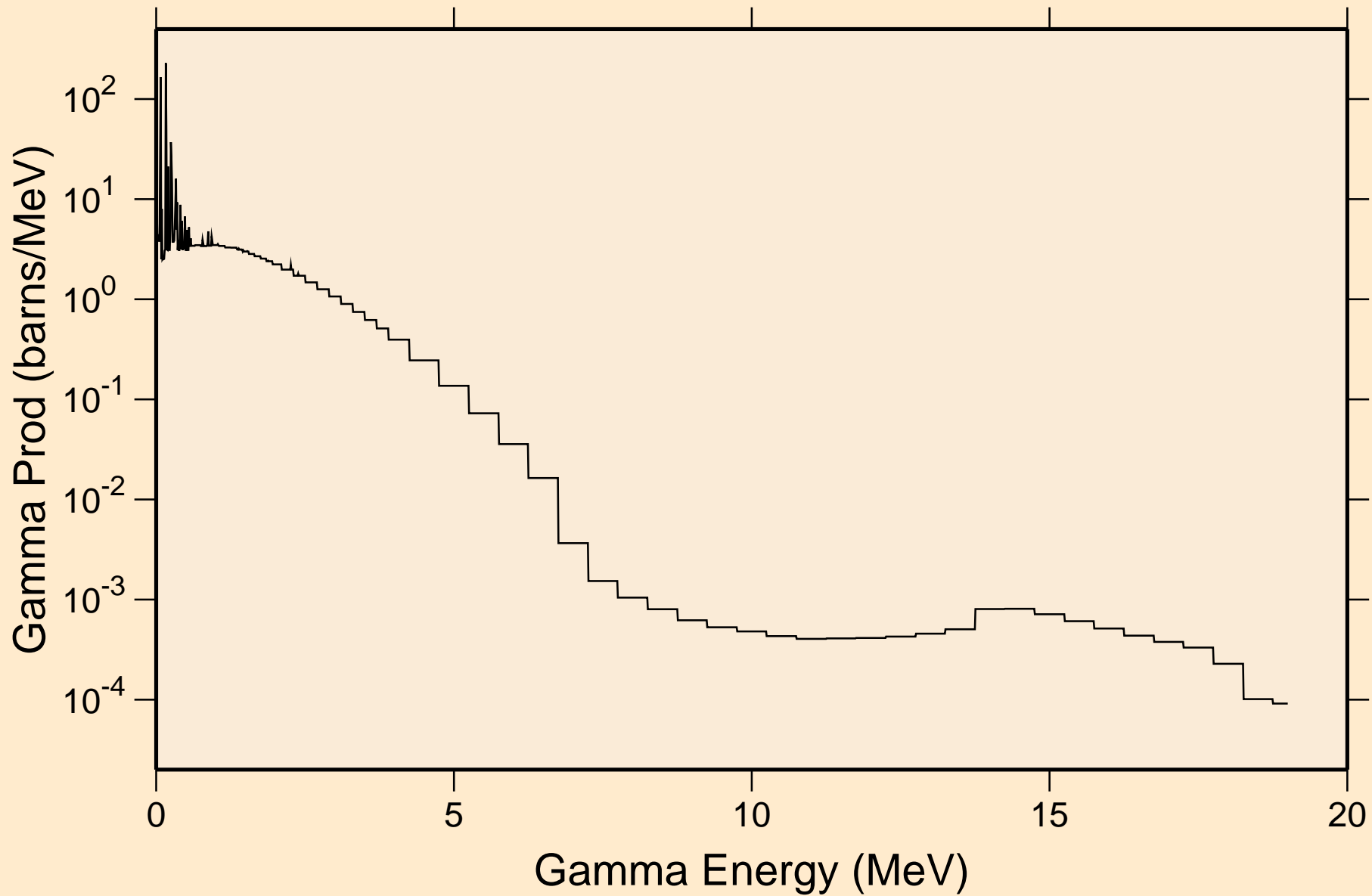


GD163 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



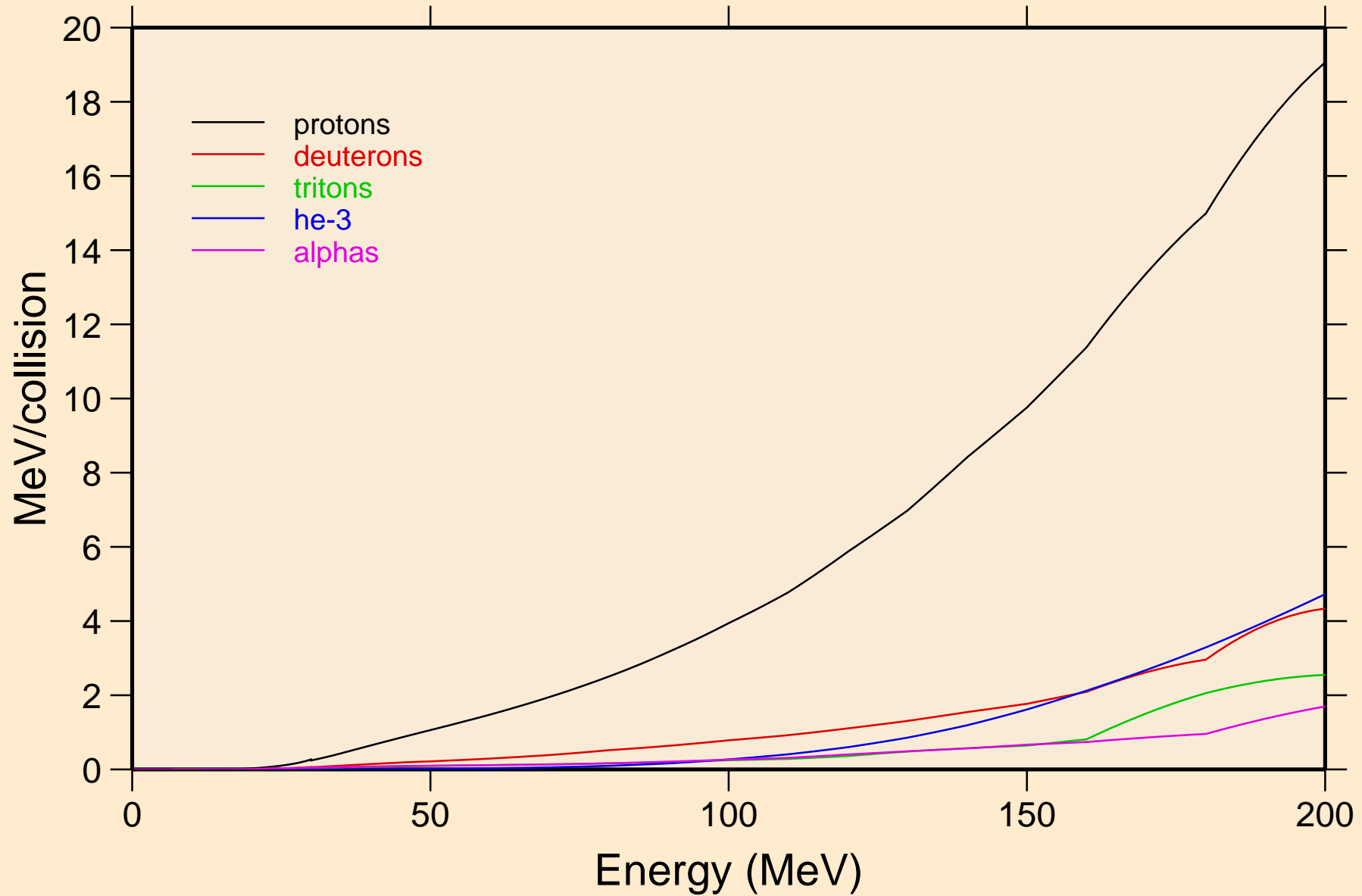


GD163 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



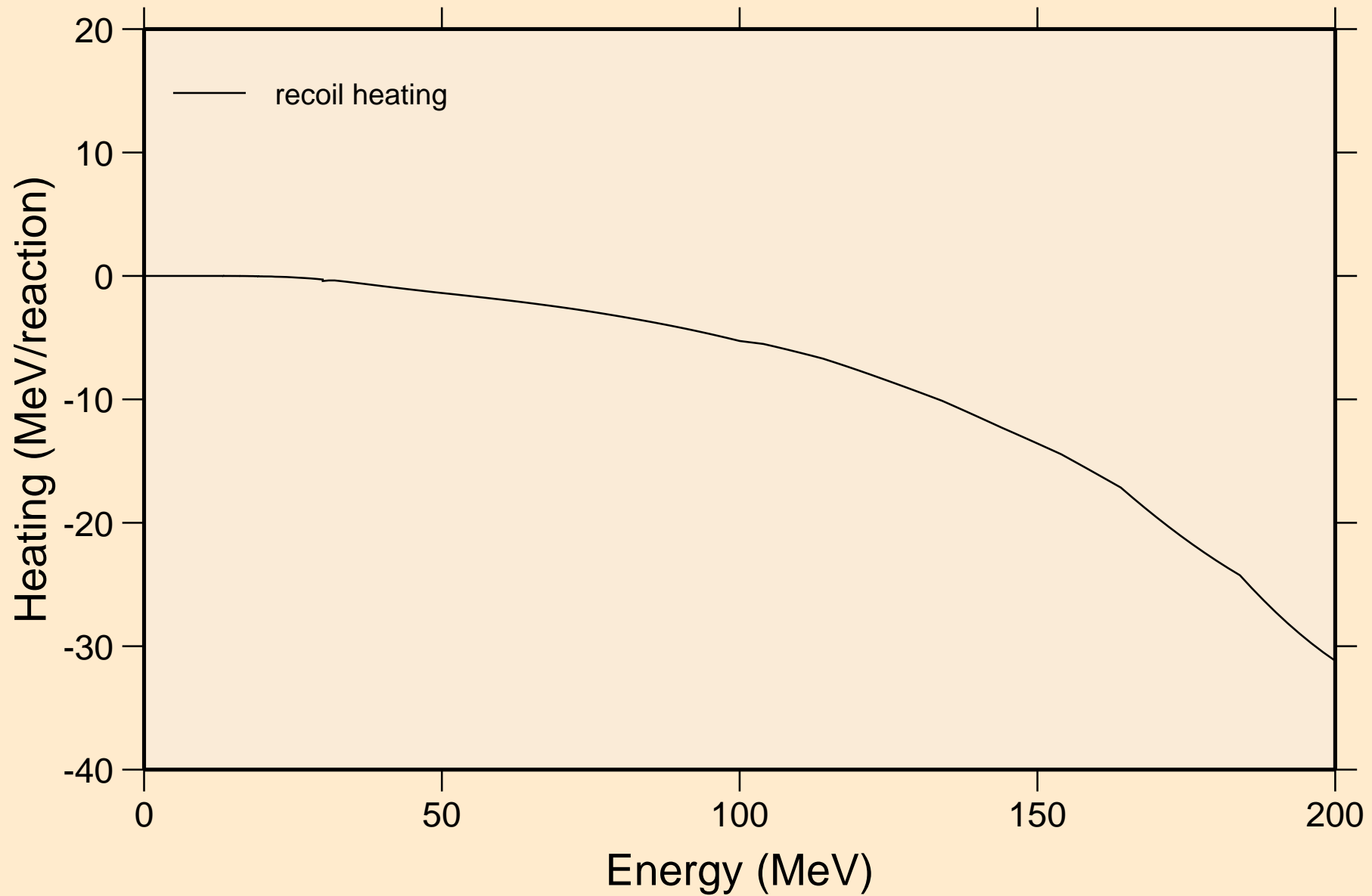
# GD163 NRG TENDL-2015, AKONING

## Particle heating contributions



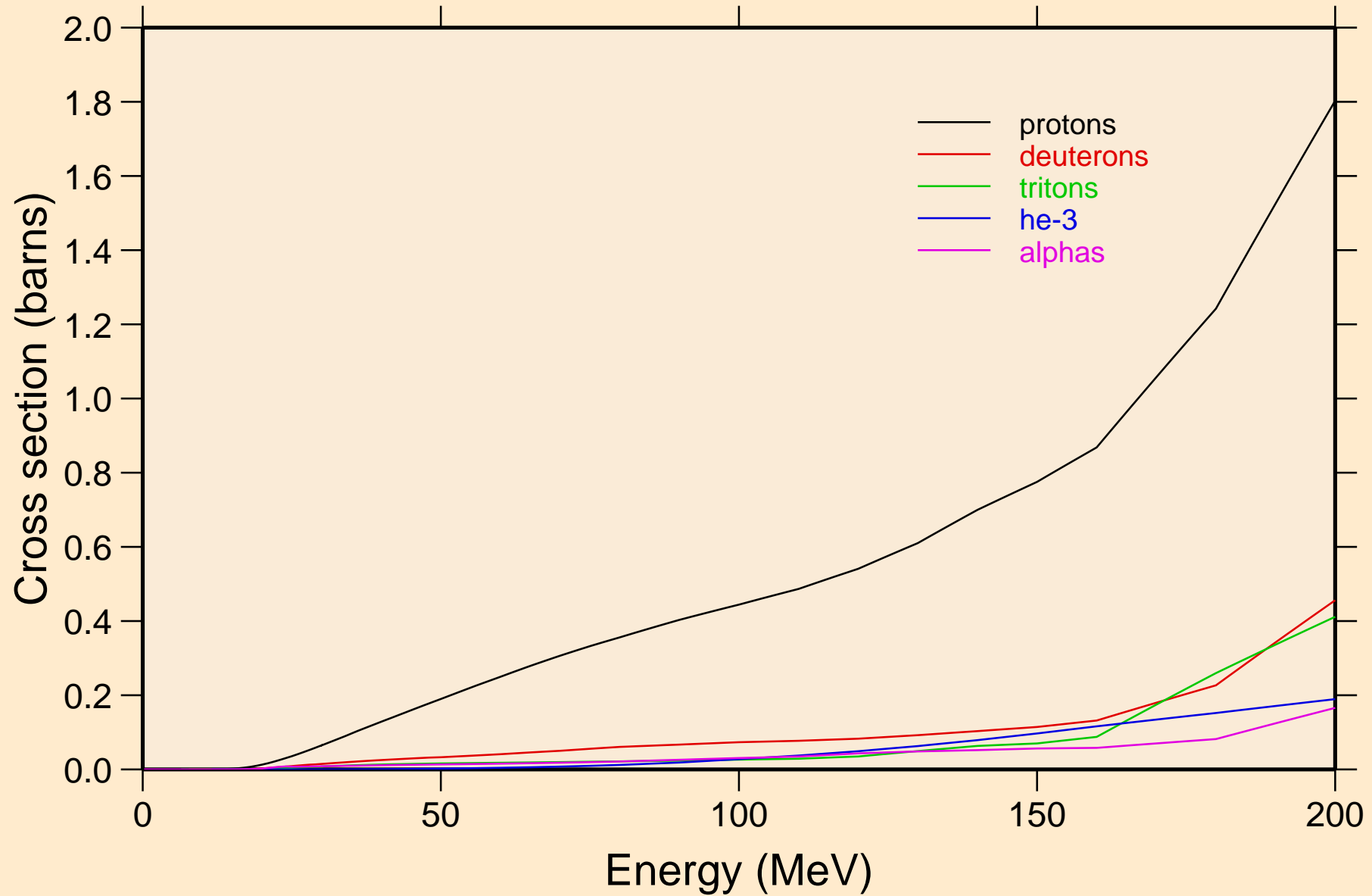
# GD163 NRG TENDL-2015, AKONING

## Recoil Heating

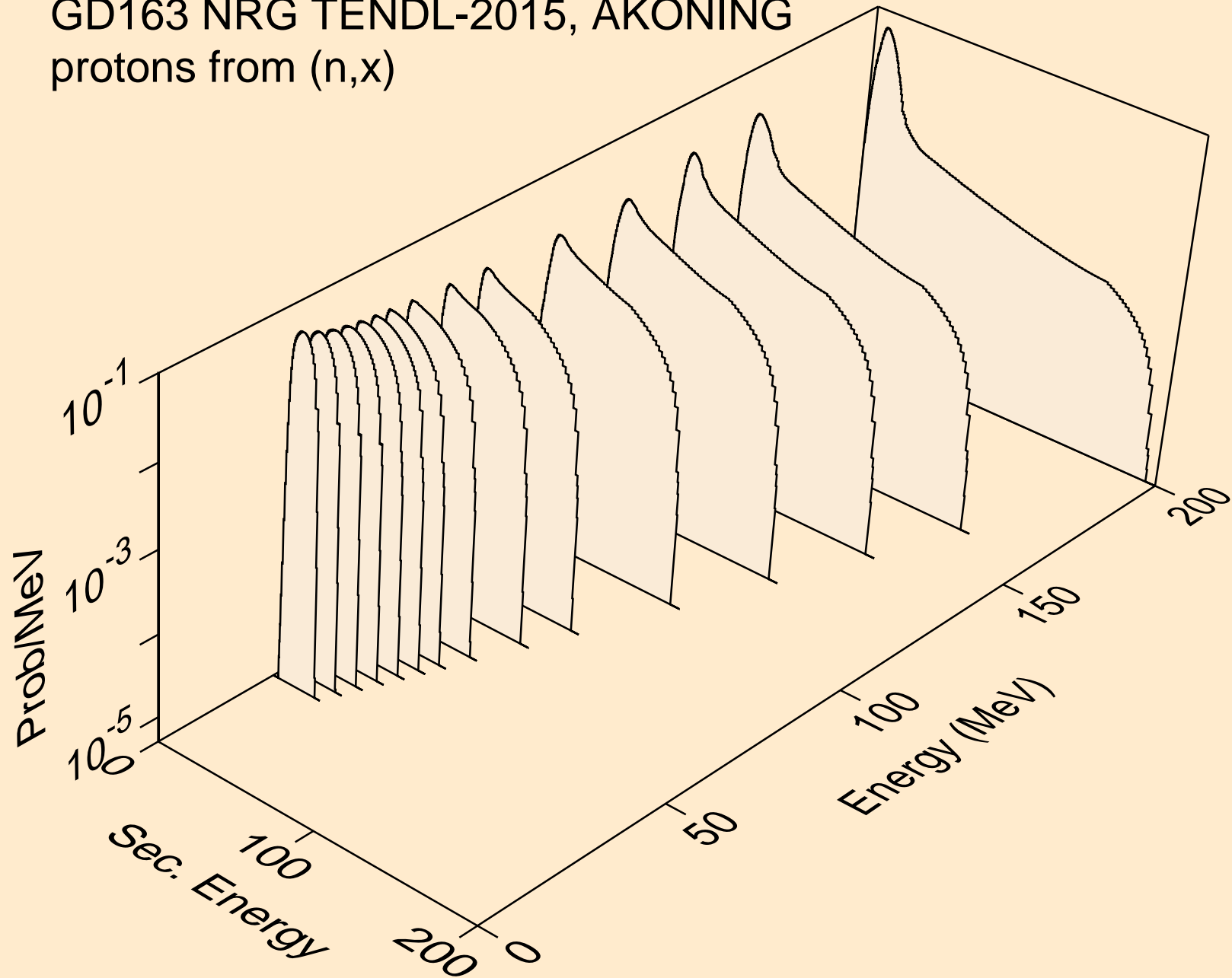


# GD163 NRG TENDL-2015, AKONING

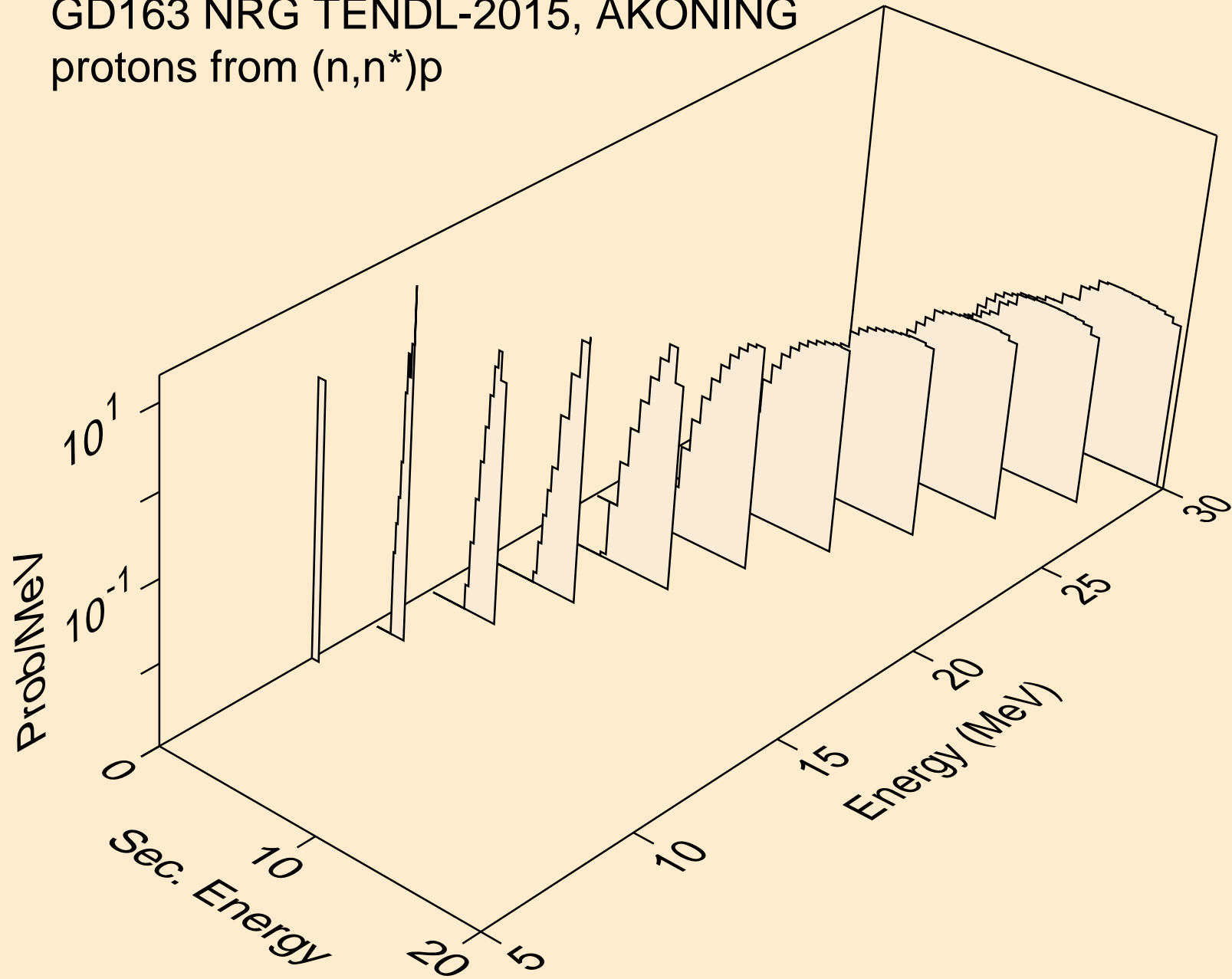
## Particle production cross sections



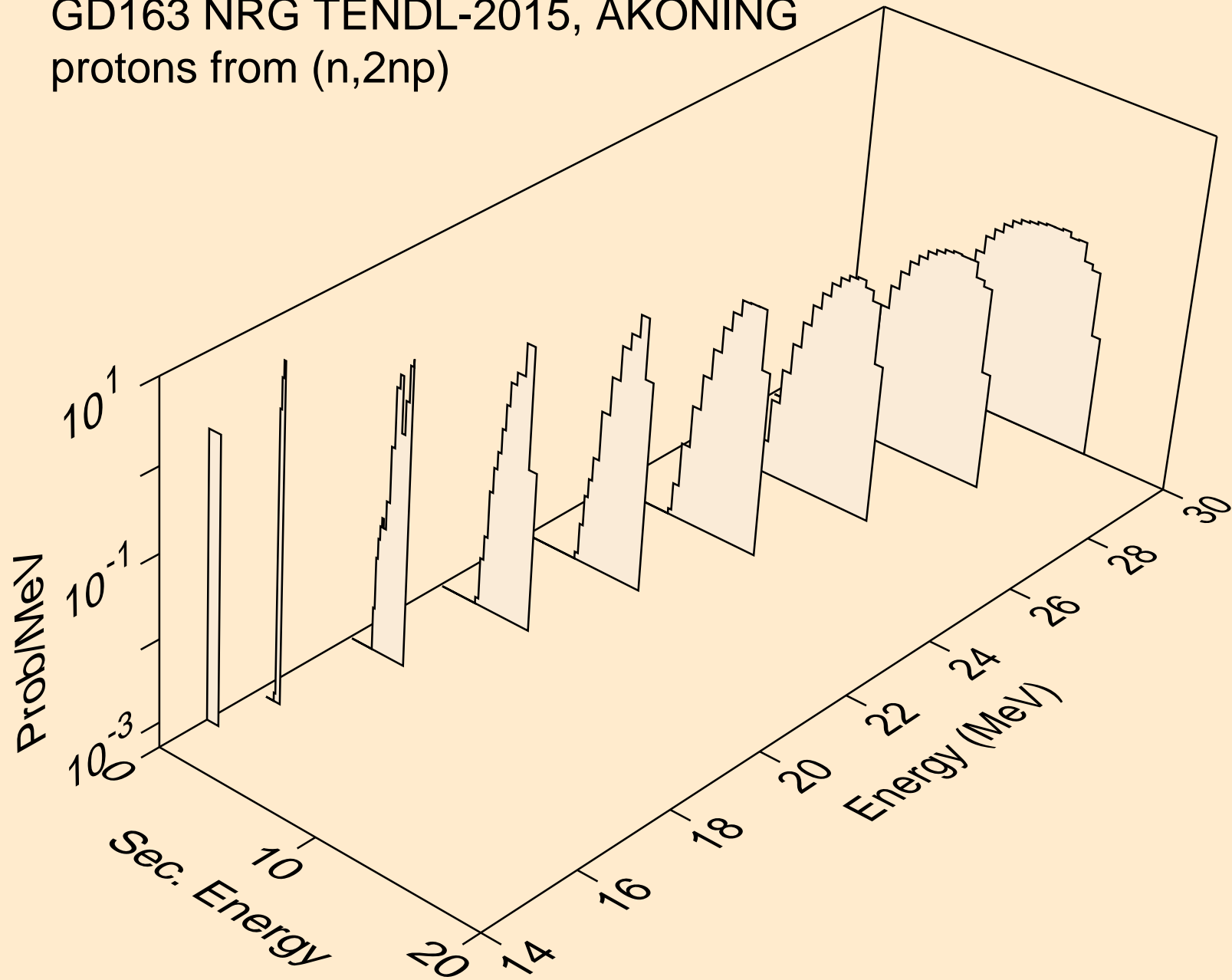
GD163 NRG TENDL-2015, AKONING  
protons from (n,x)



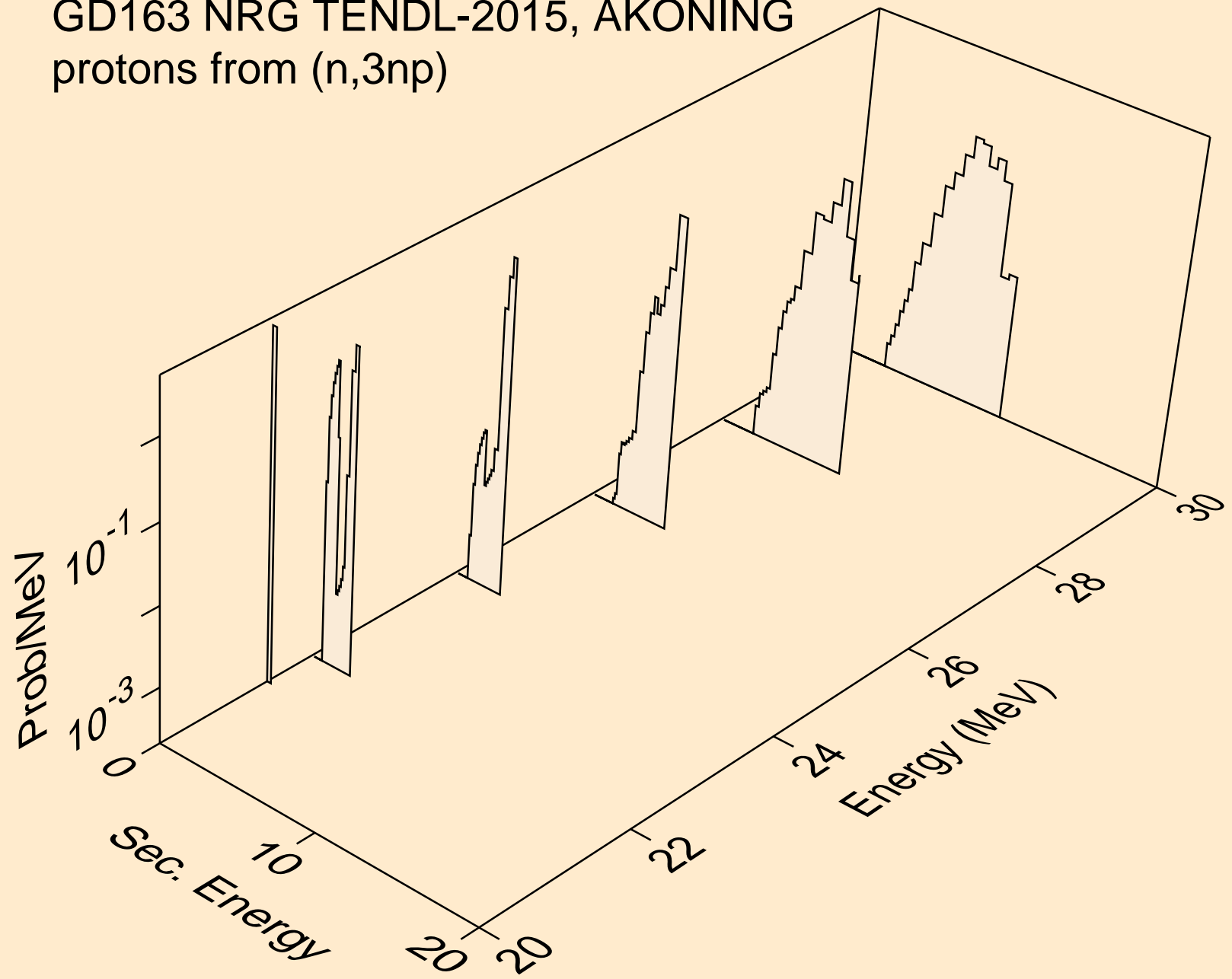
GD163 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



GD163 NRG TENDL-2015, AKONING  
protons from (n,2np)

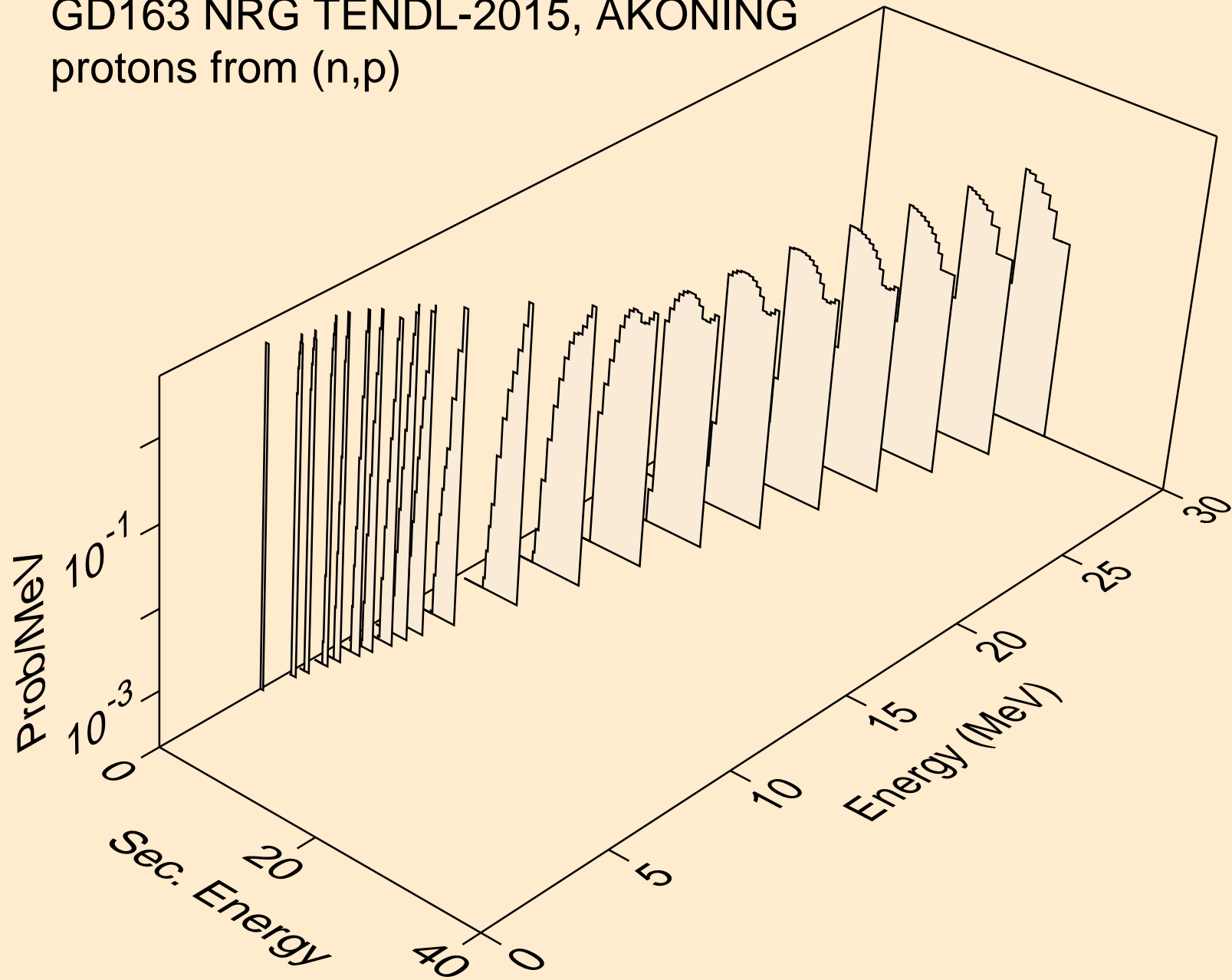


GD163 NRG TENDL-2015, AKONING  
protons from (n,3np)

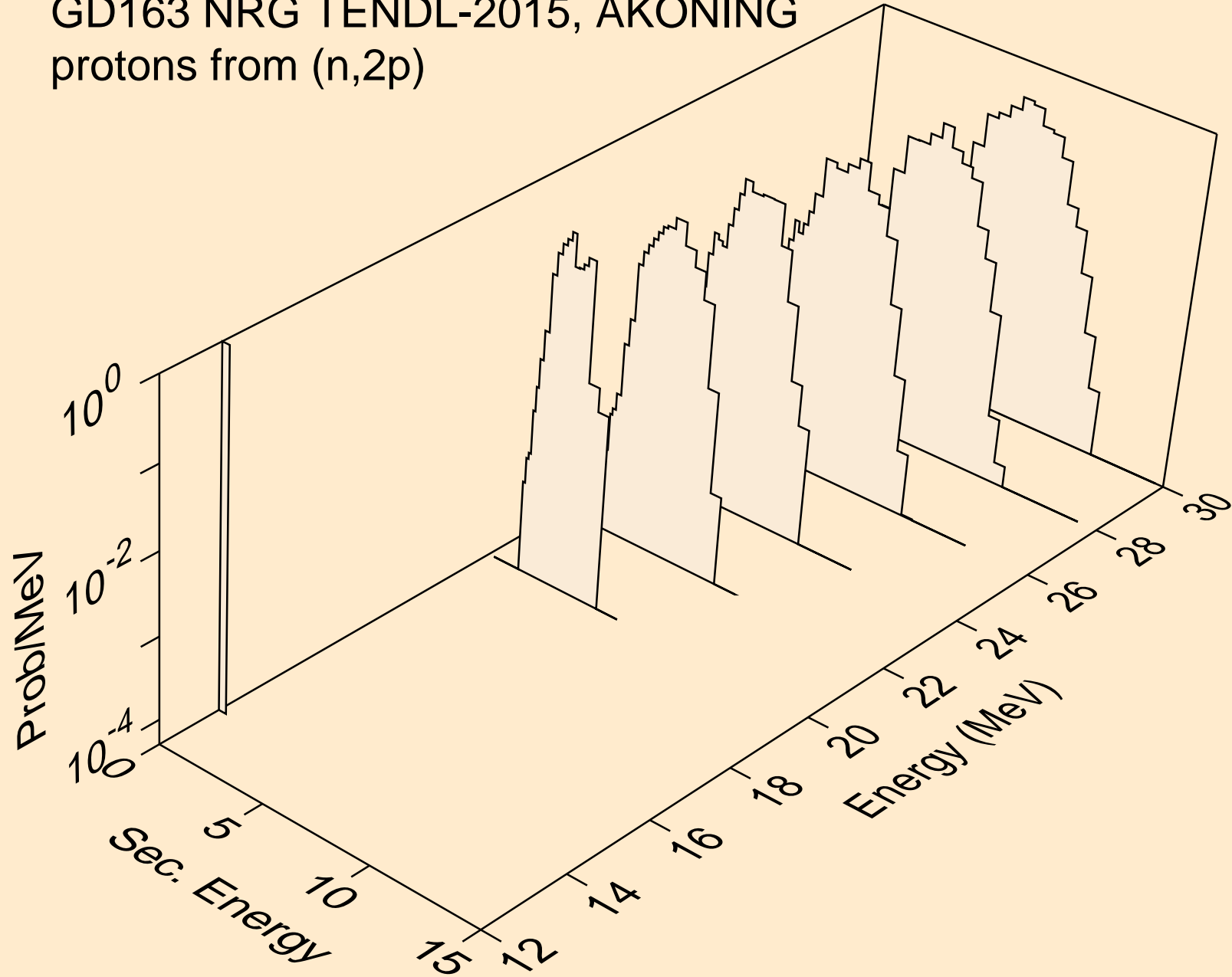




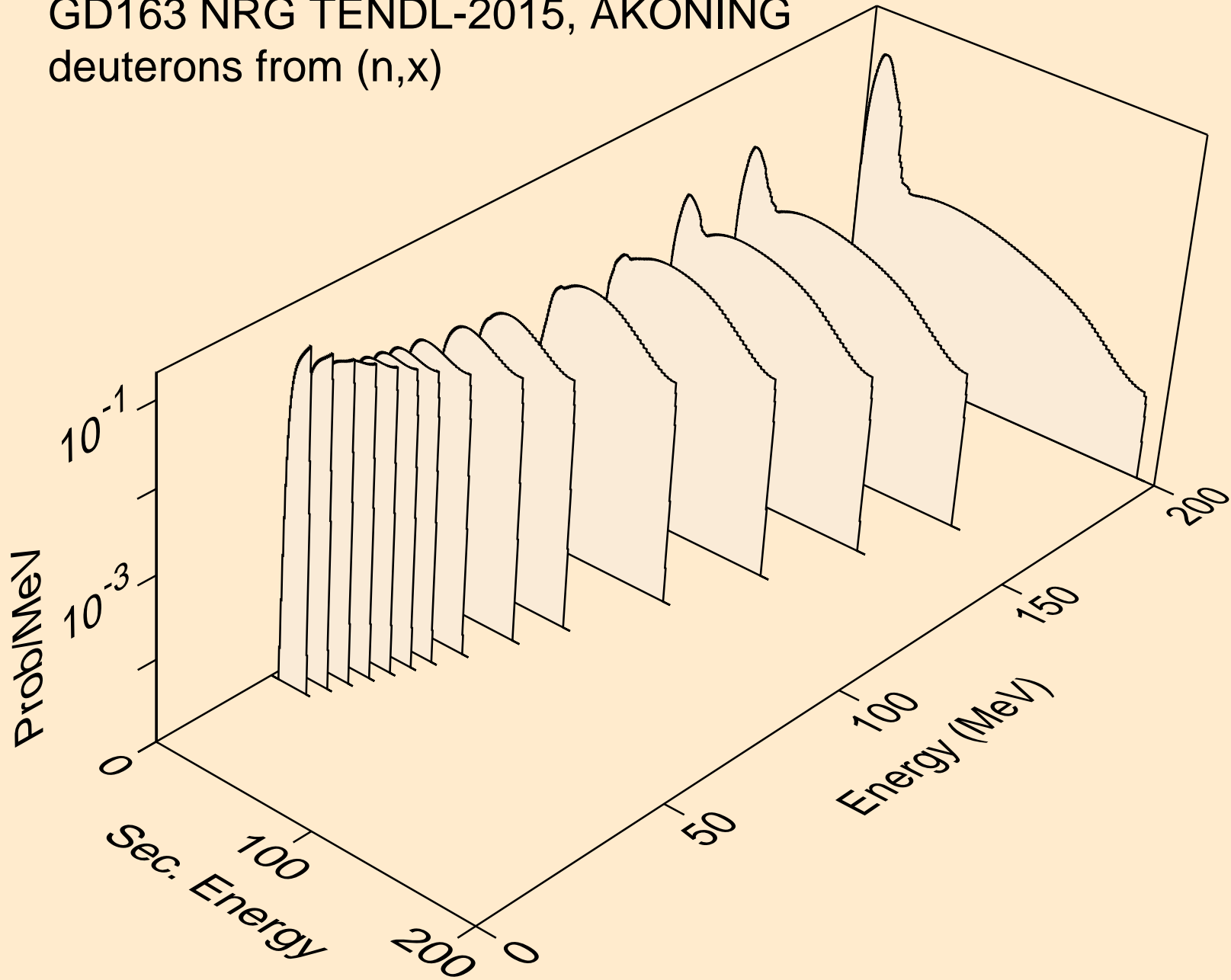
GD163 NRG TENDL-2015, AKONING  
protons from (n,p)



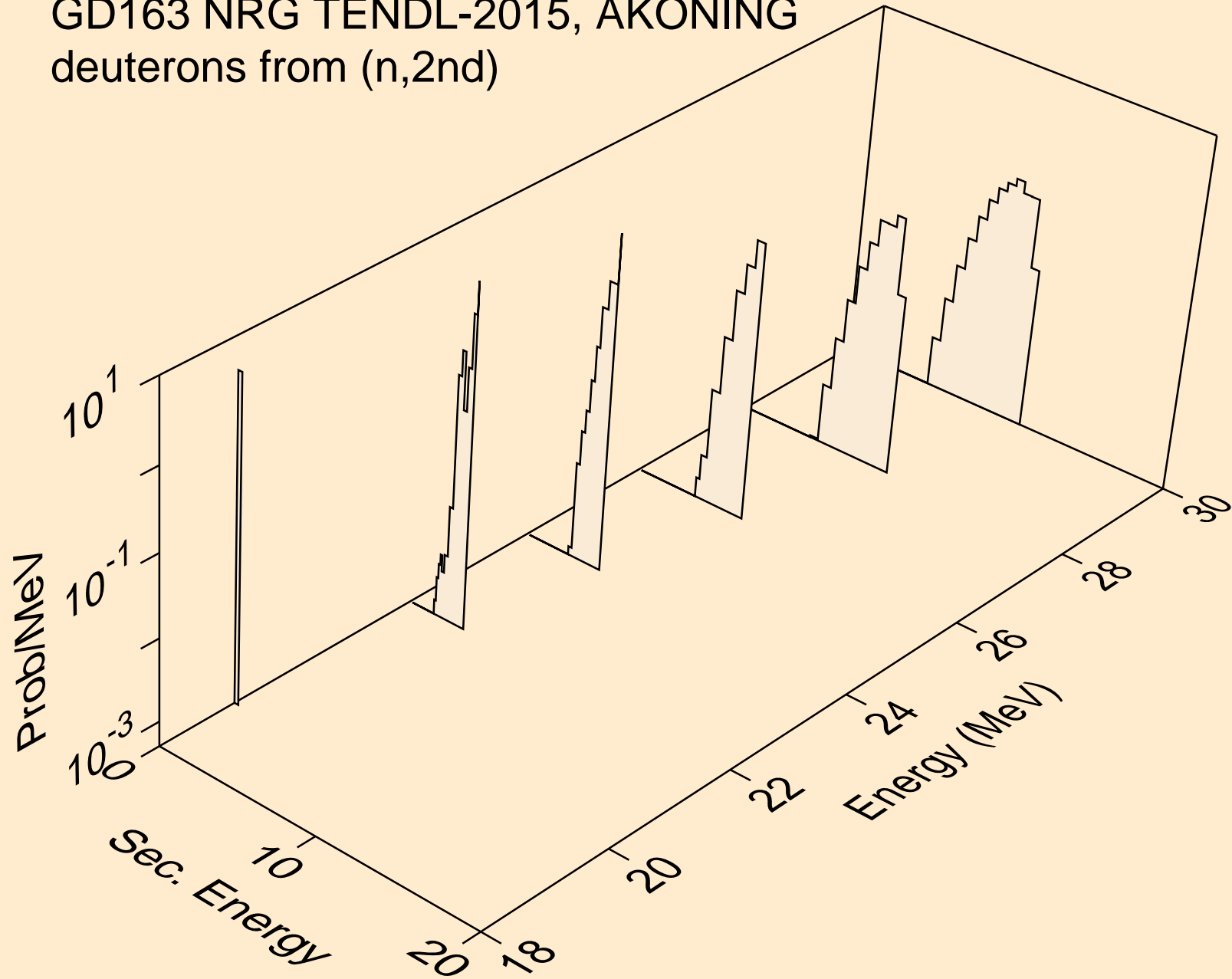
GD163 NRG TENDL-2015, AKONING  
protons from (n,2p)



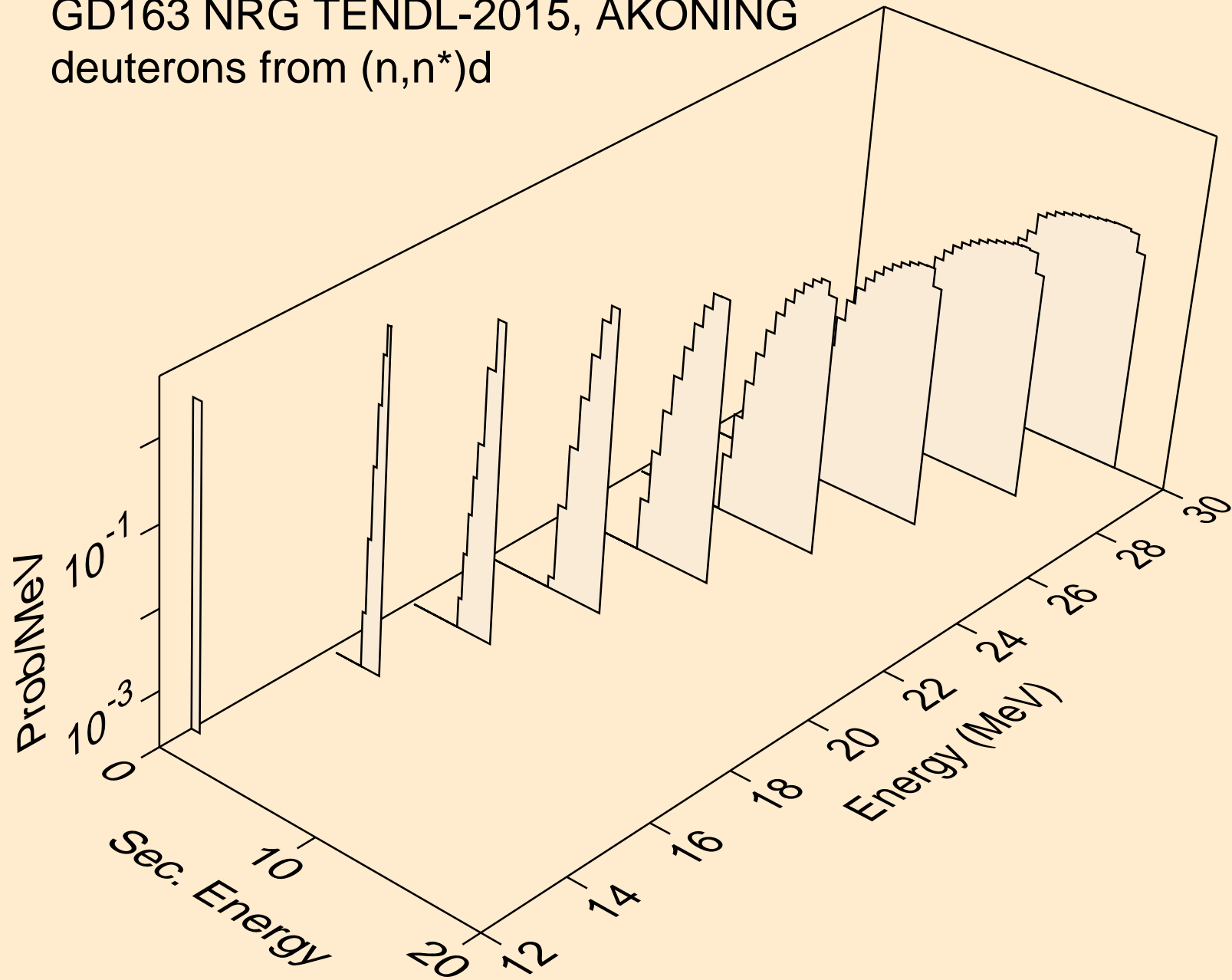
GD163 NRG TENDL-2015, AKONING  
deuterons from (n,x)



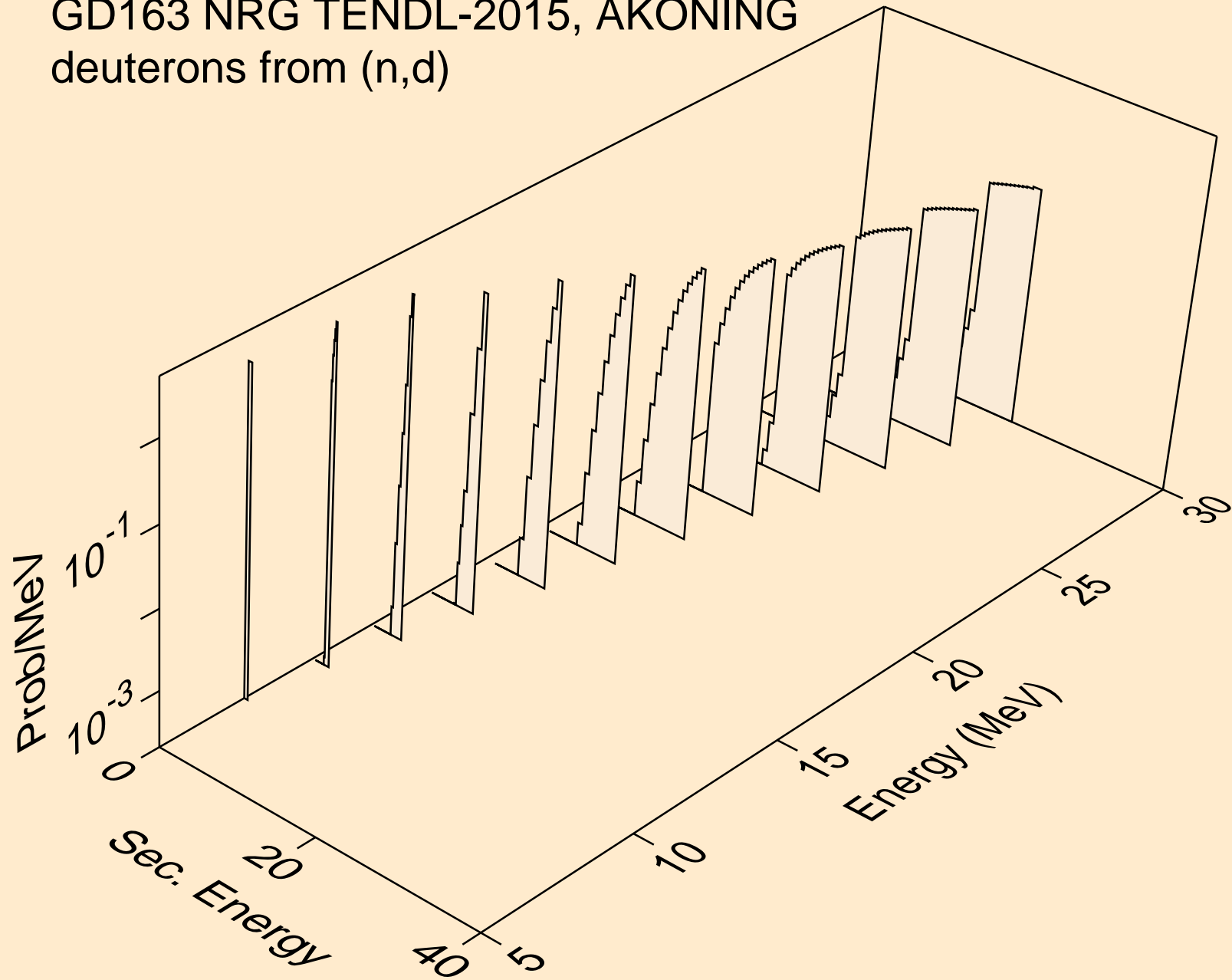
GD163 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



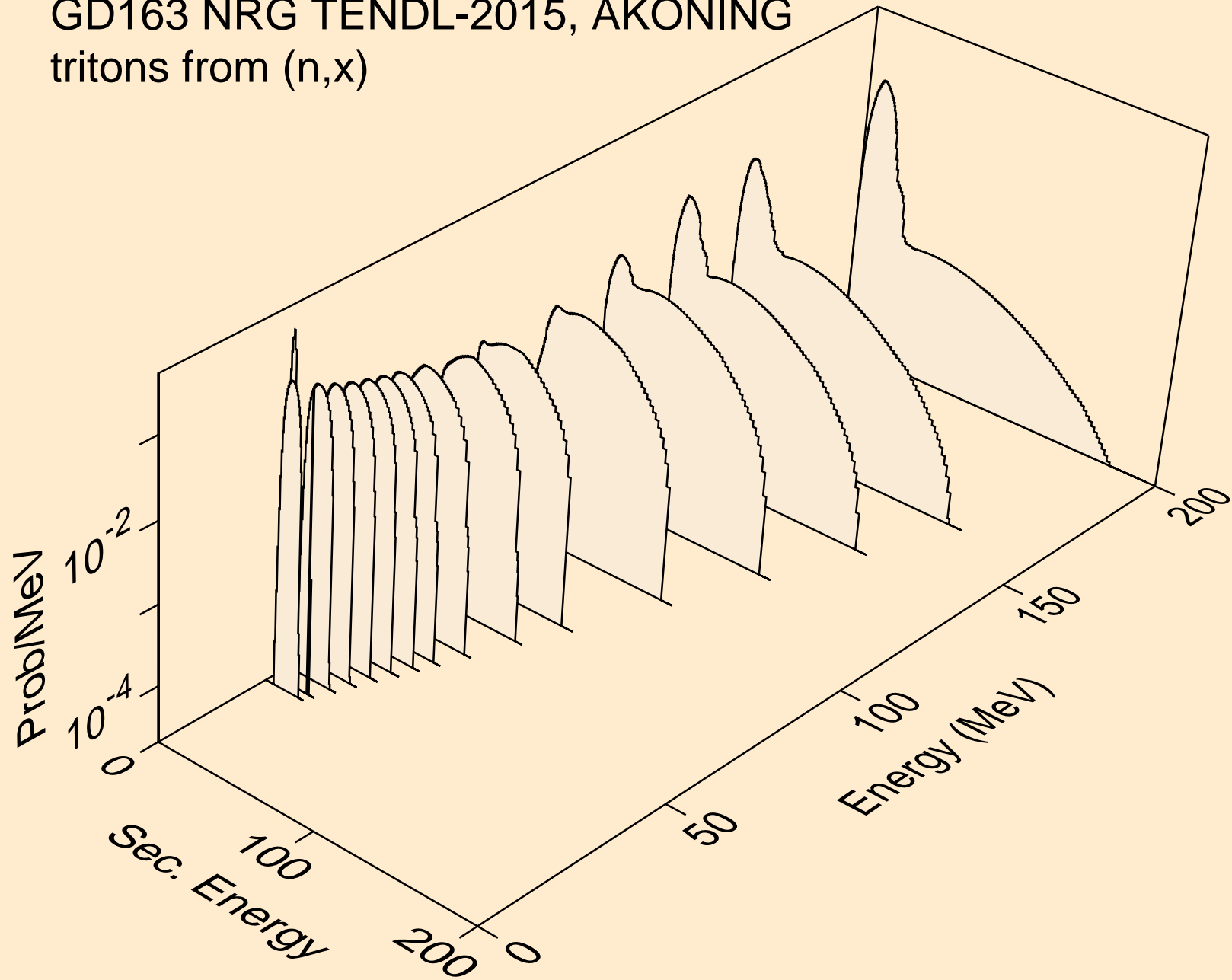
GD163 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



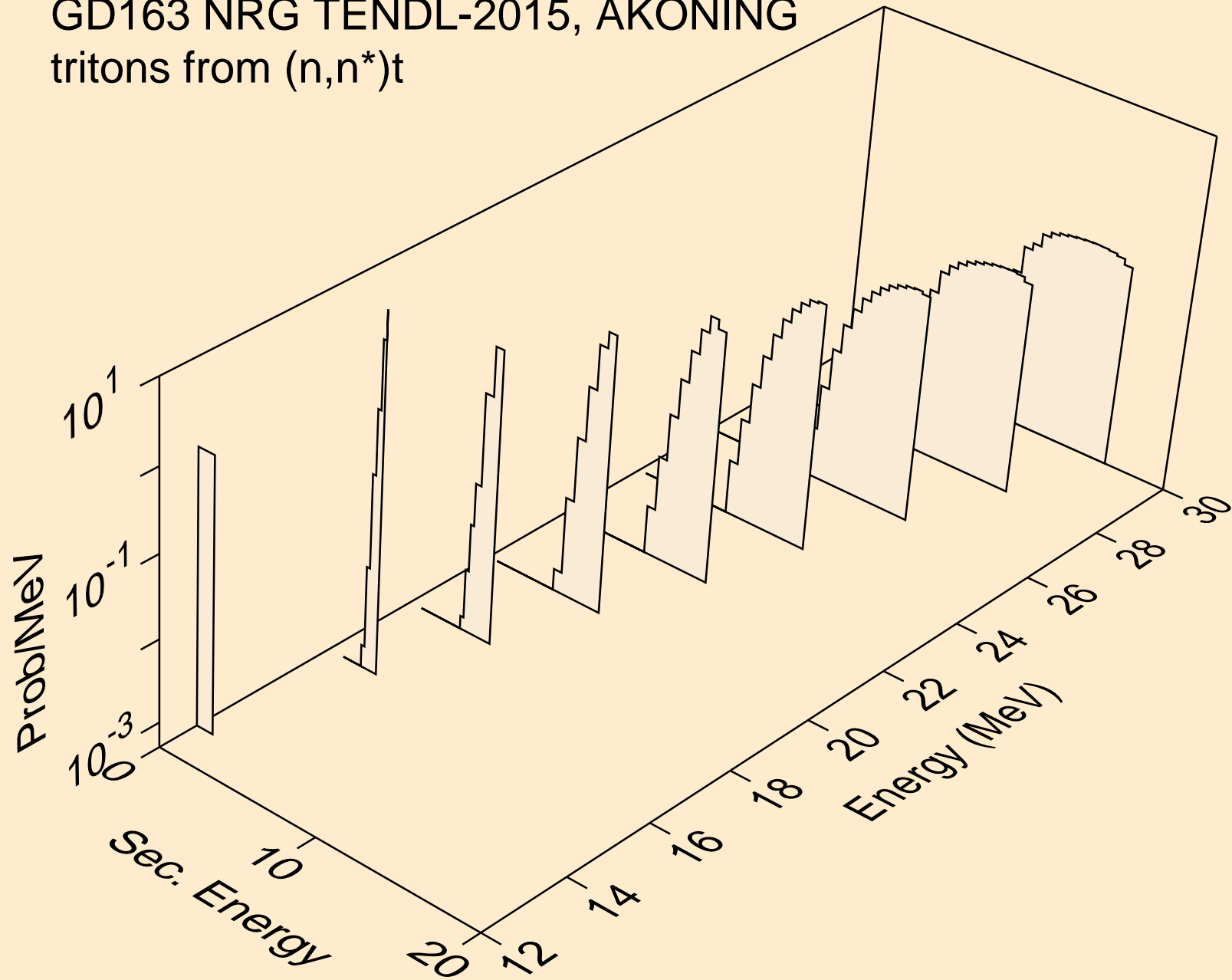
GD163 NRG TENDL-2015, AKONING  
deuterons from (n,d)



GD163 NRG TENDL-2015, AKONING  
tritons from (n,x)

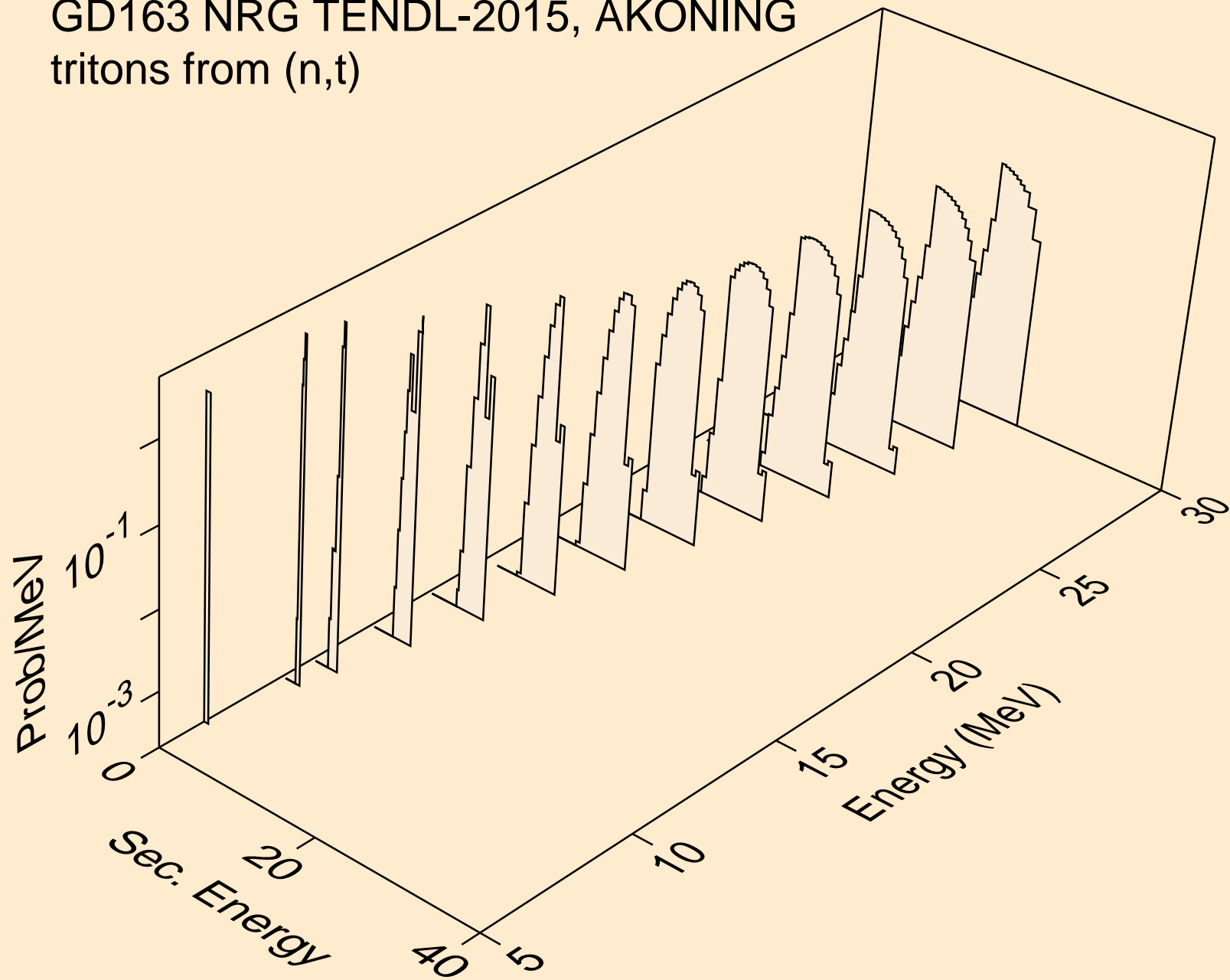


GD163 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

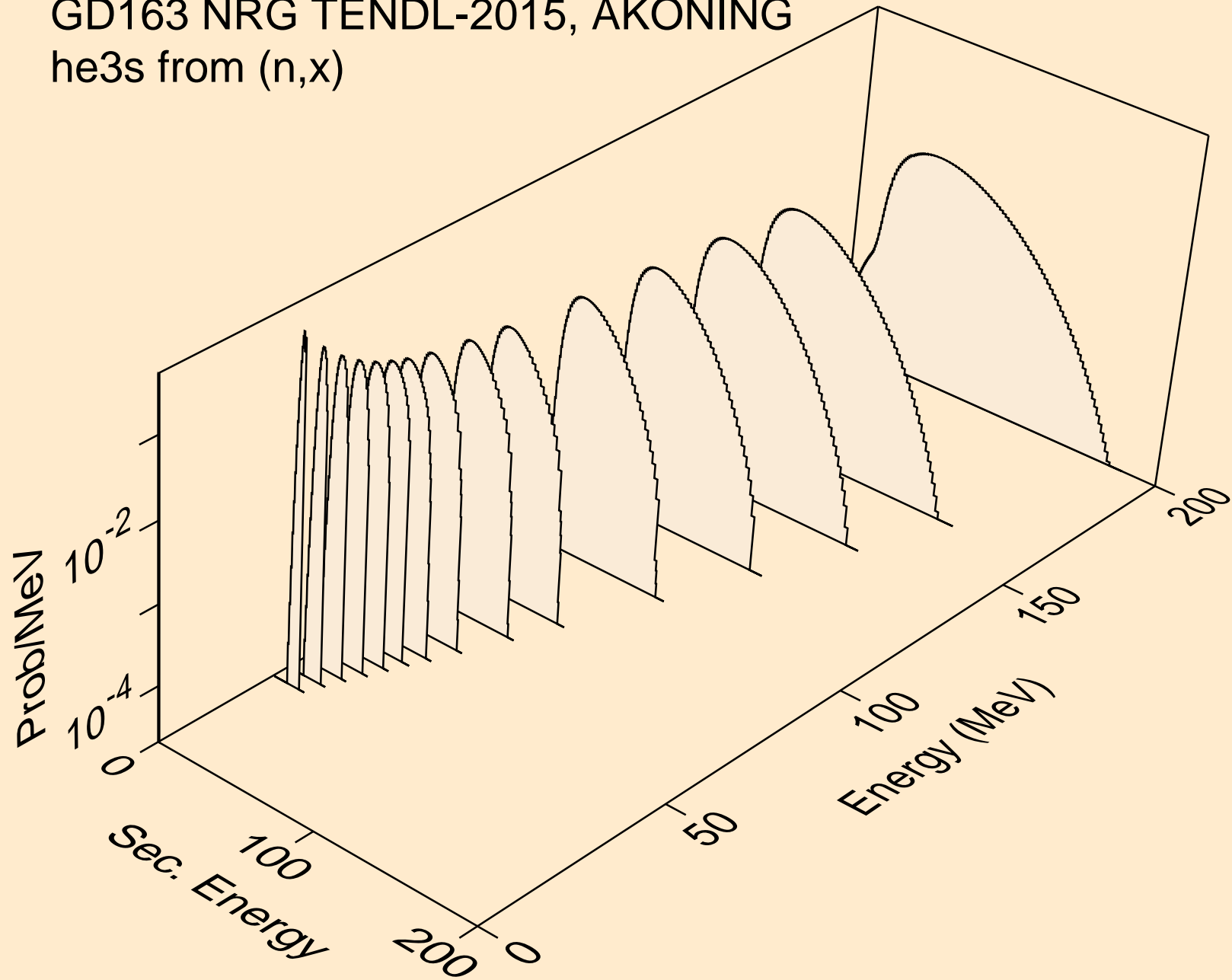




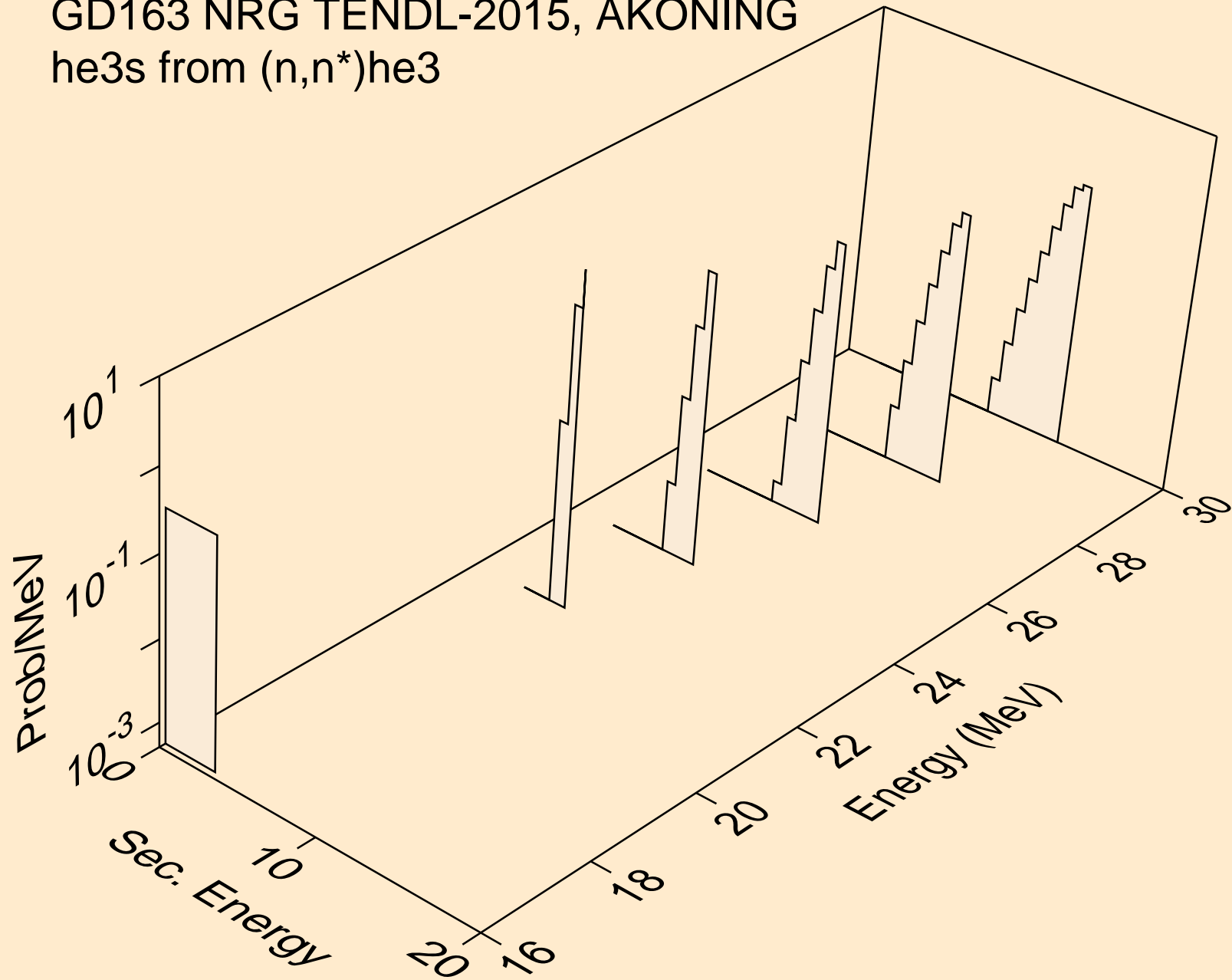
GD163 NRG TENDL-2015, AKONING  
tritons from (n,t)



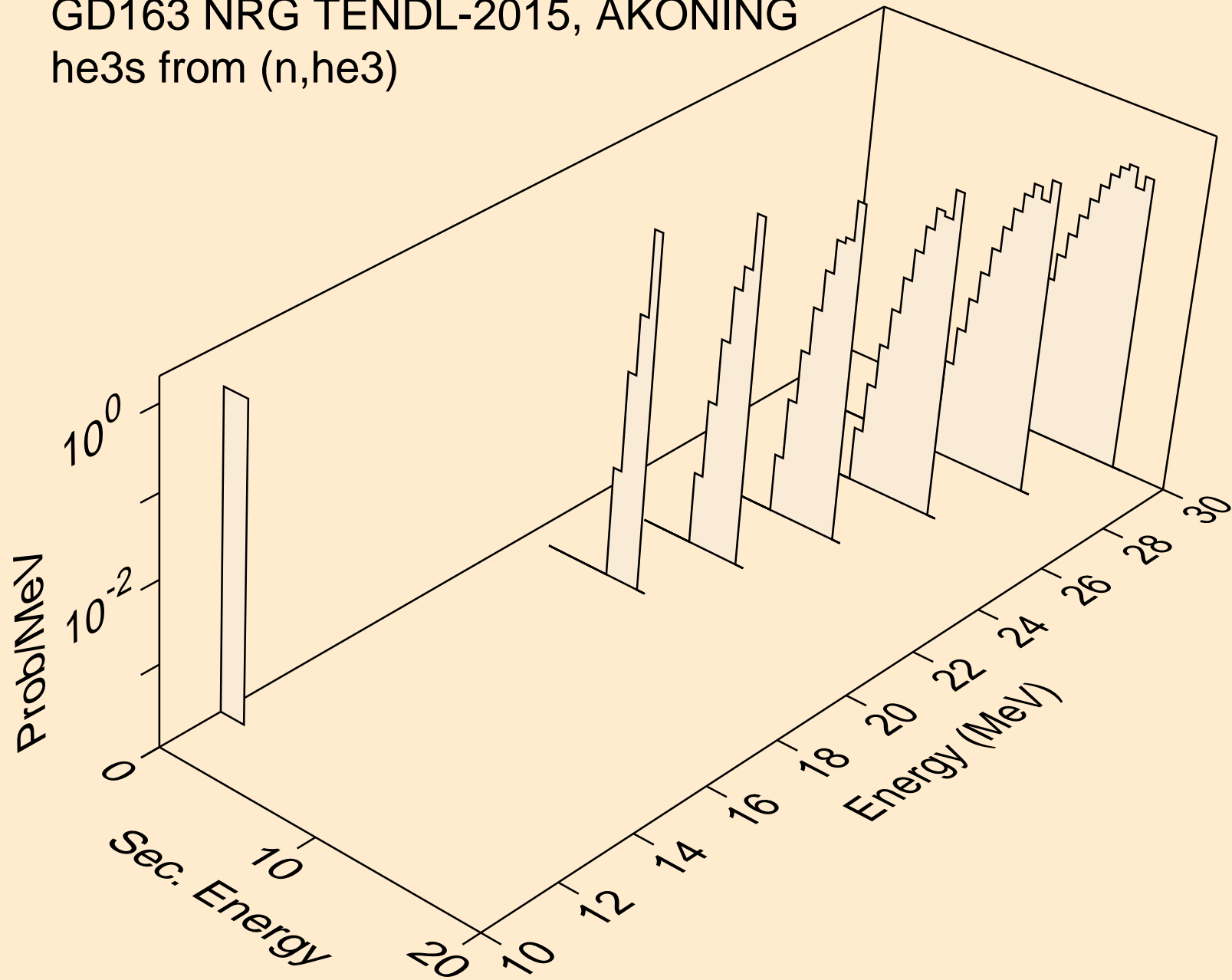
GD163 NRG TENDL-2015, AKONING  
he3s from (n,x)



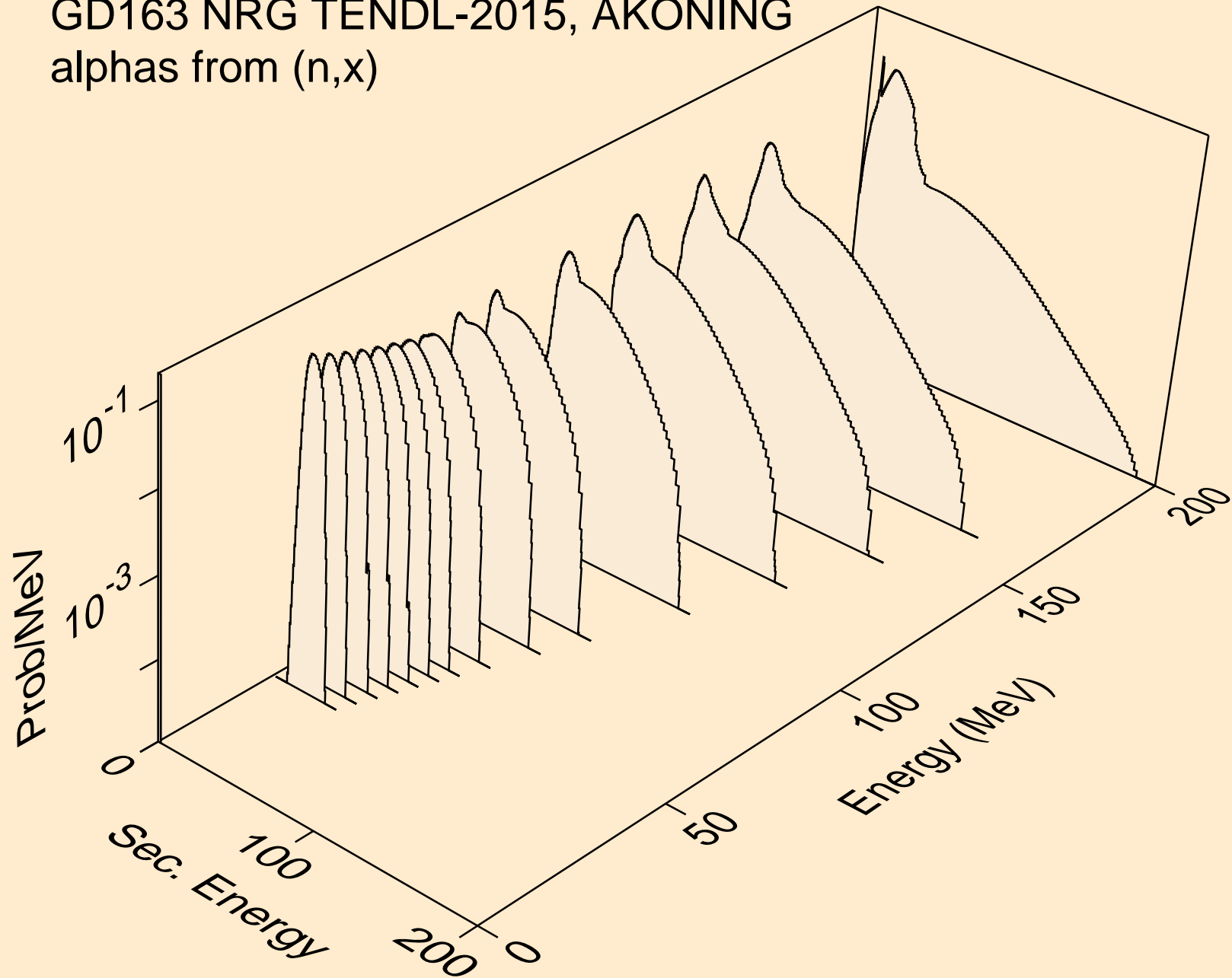
GD163 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



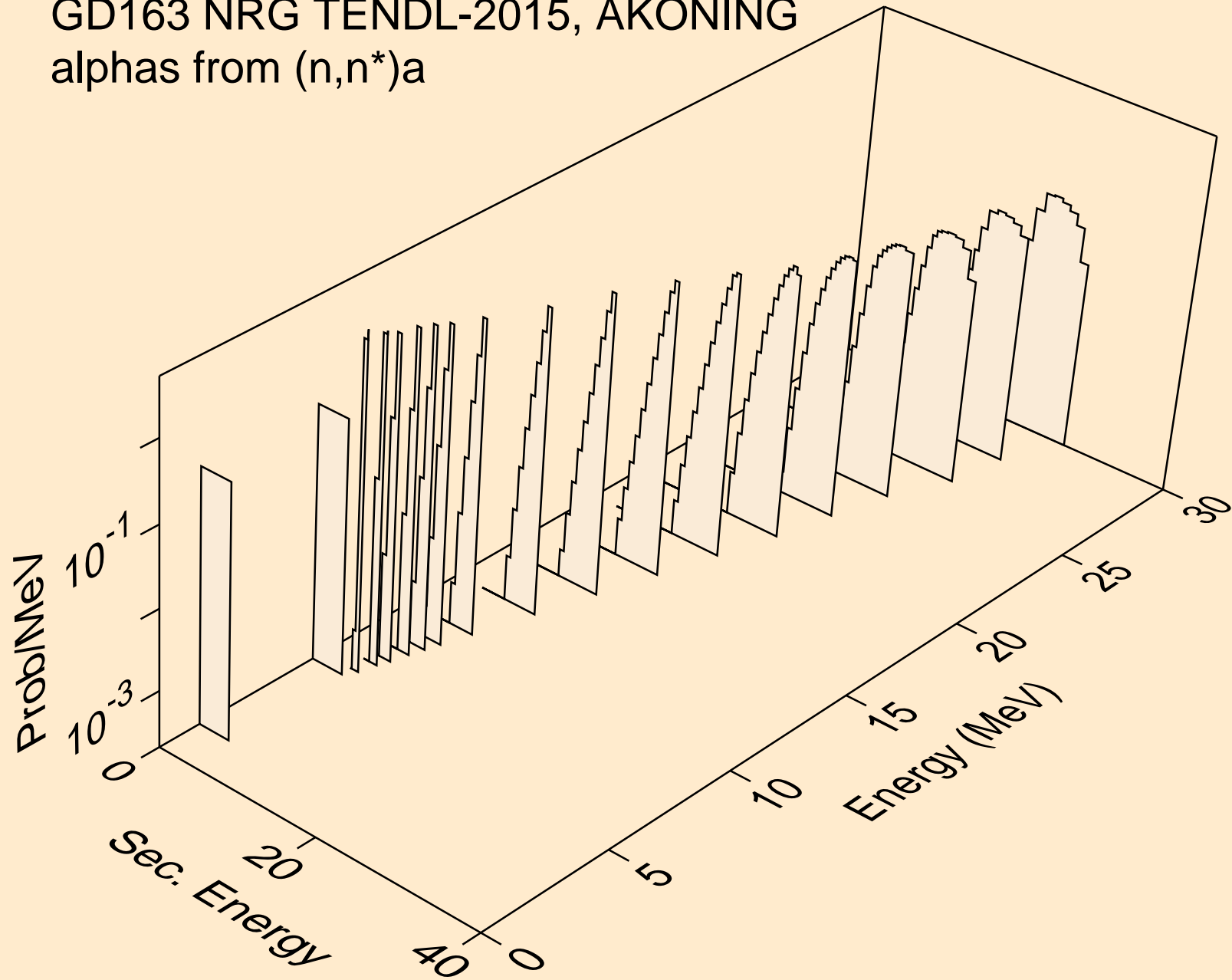
GD163 NRG TENDL-2015, AKONING  
he3s from (n,he3)



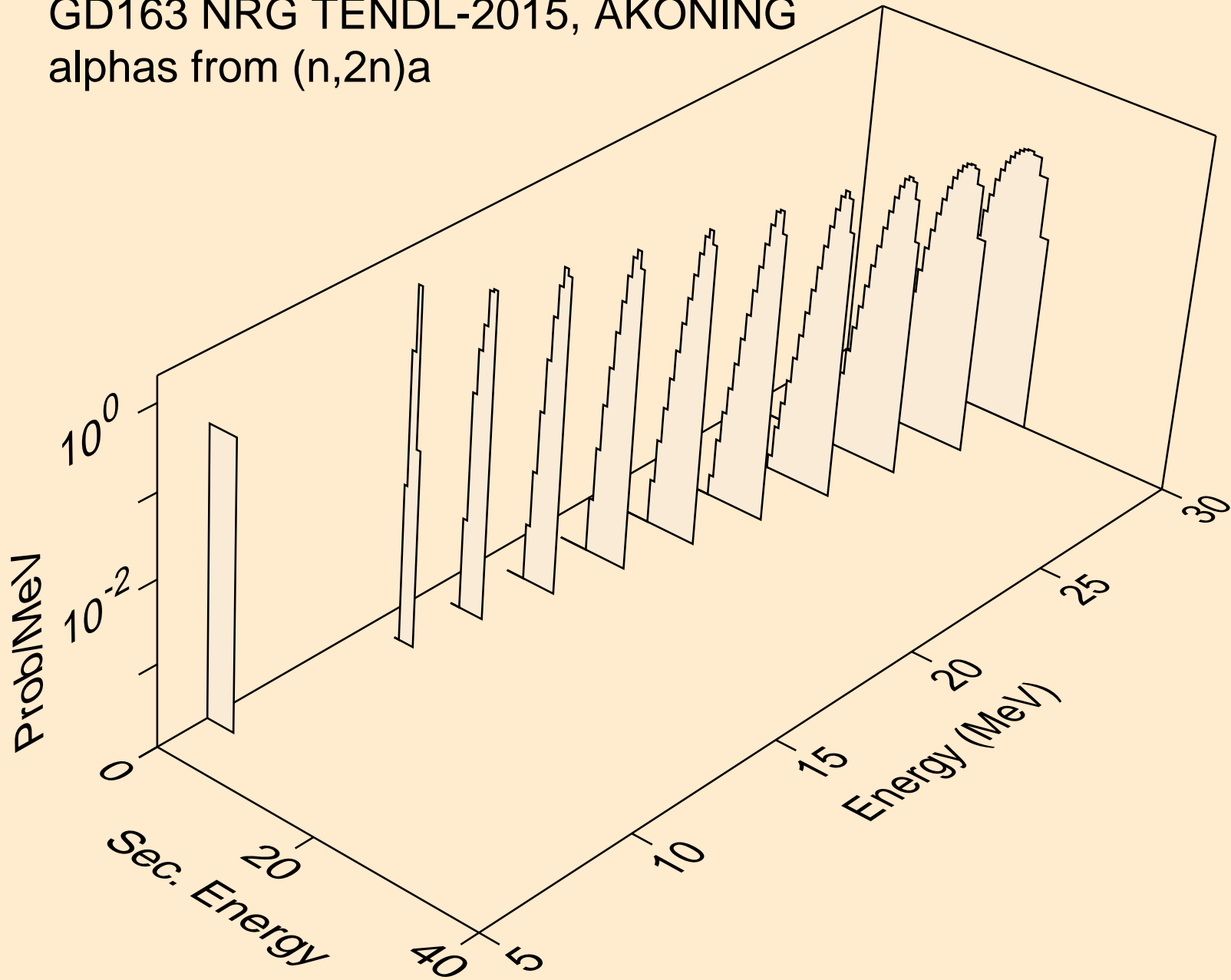
GD163 NRG TENDL-2015, AKONING  
alphas from (n,x)



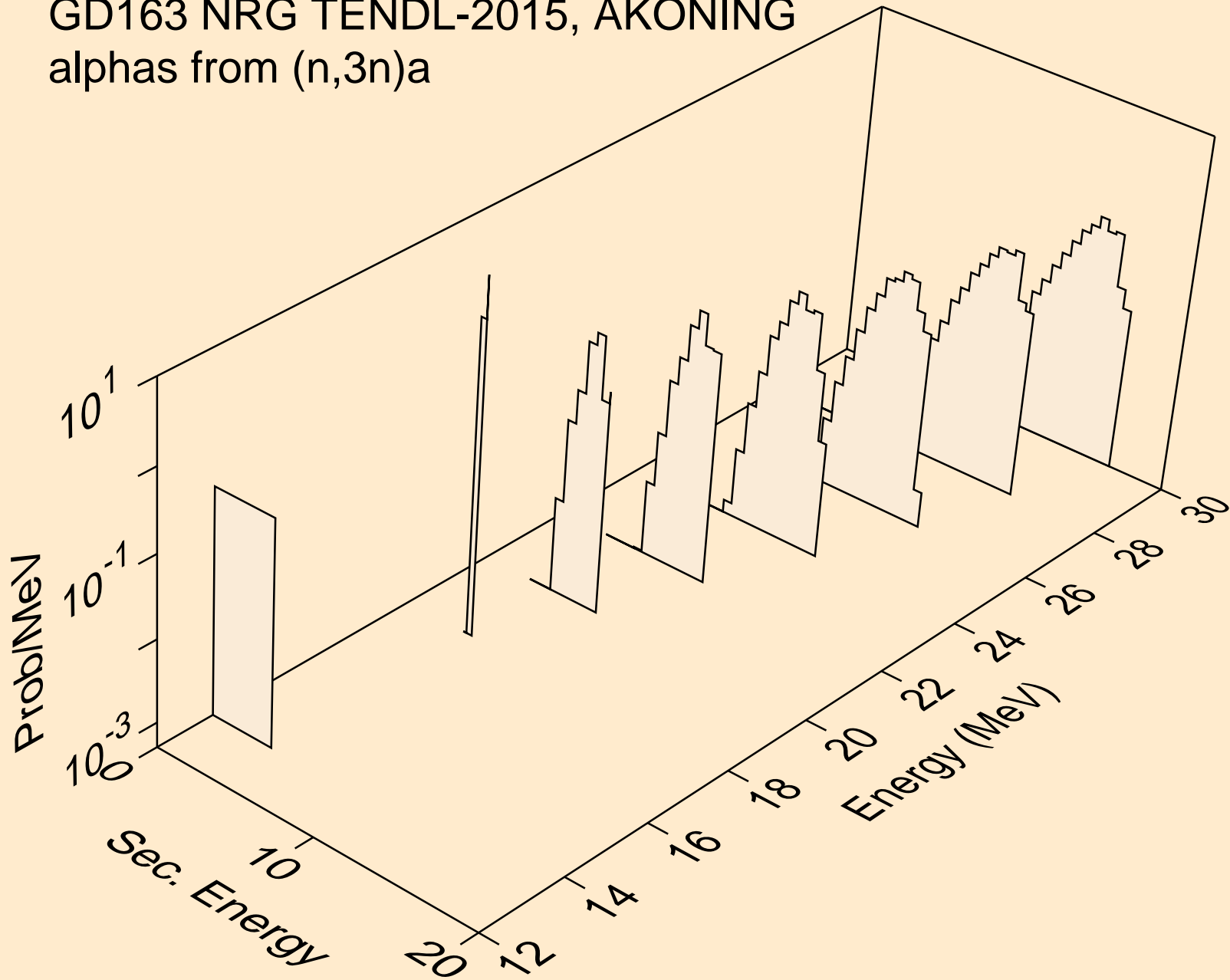
GD163 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



GD163 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



GD163 NRG TENDL-2015, AKONING  
alphas from (n,3n)a





GD163 NRG TENDL-2015, AKONING  
alphas from (n,a)

