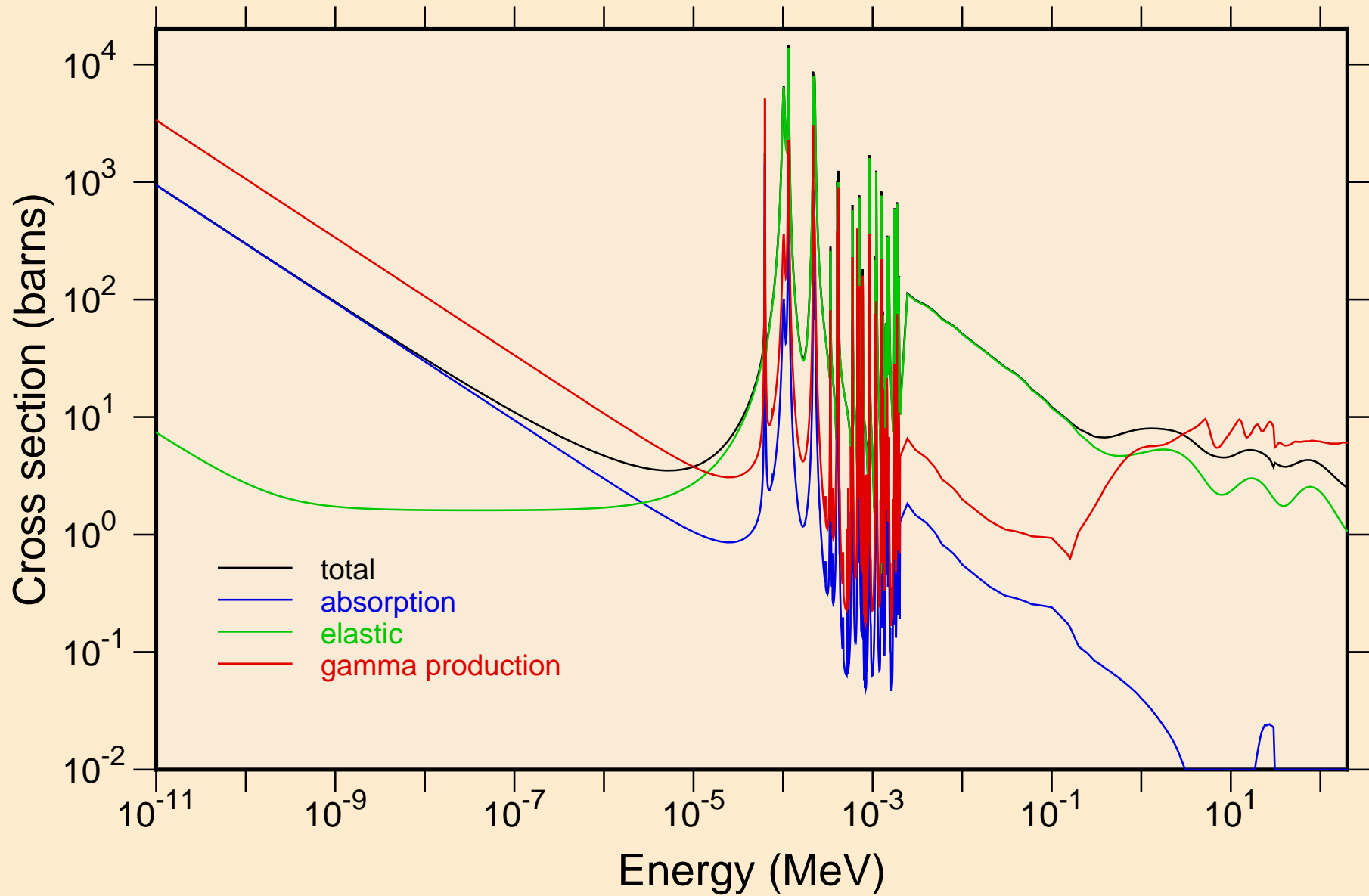
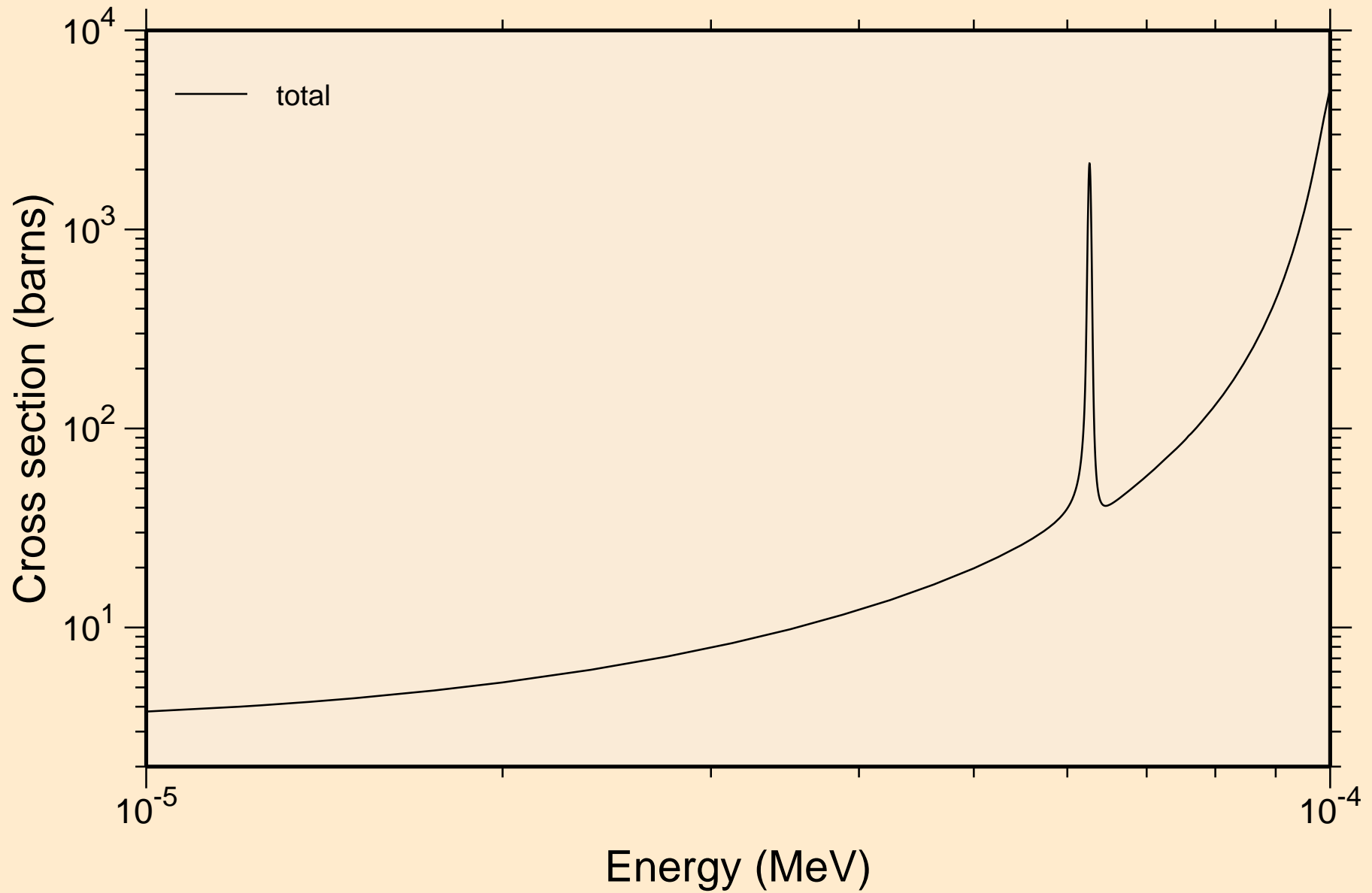


# N-GD163 NRG TENDL-2017, AKONING

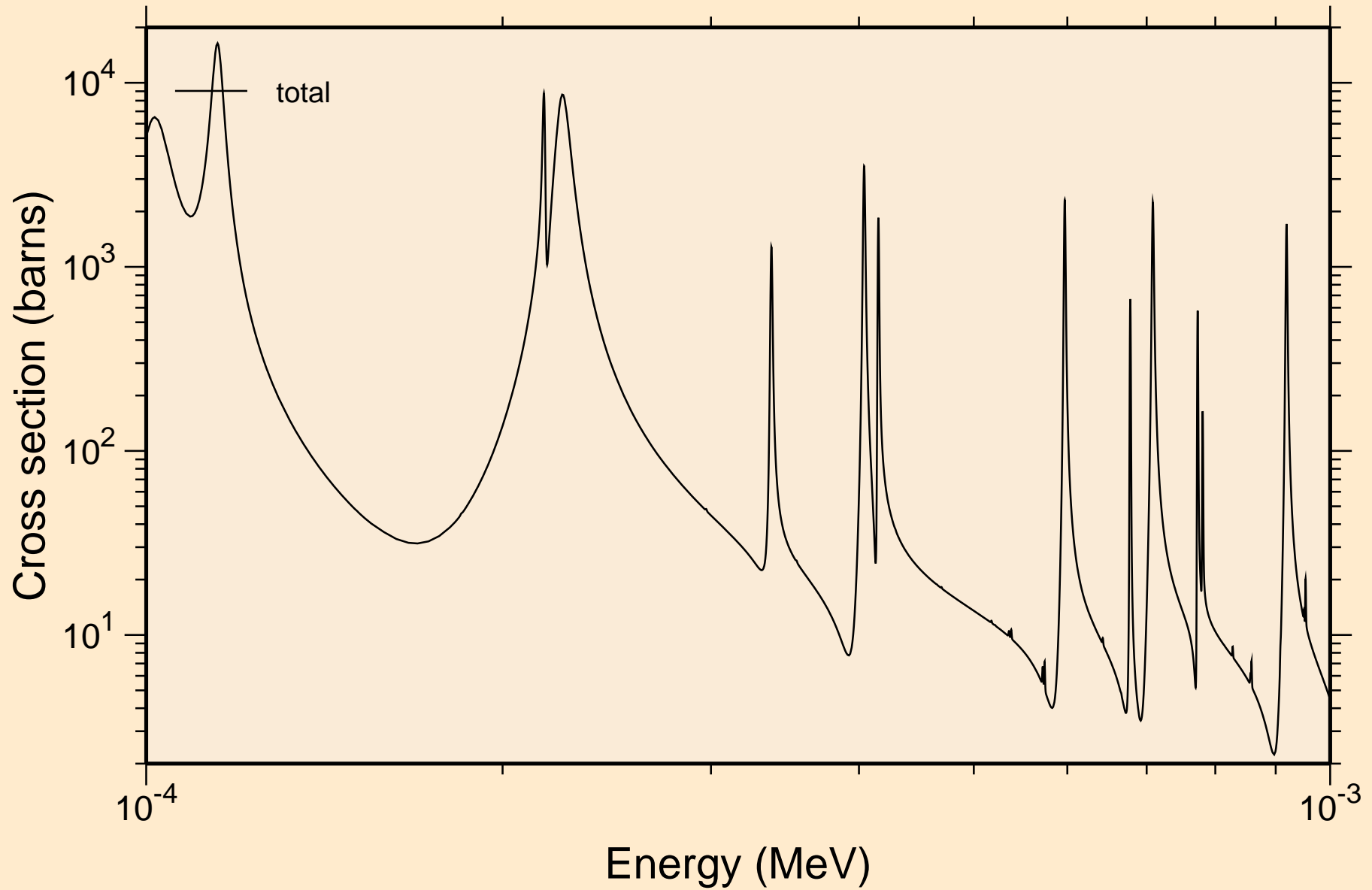
## Principal cross sections



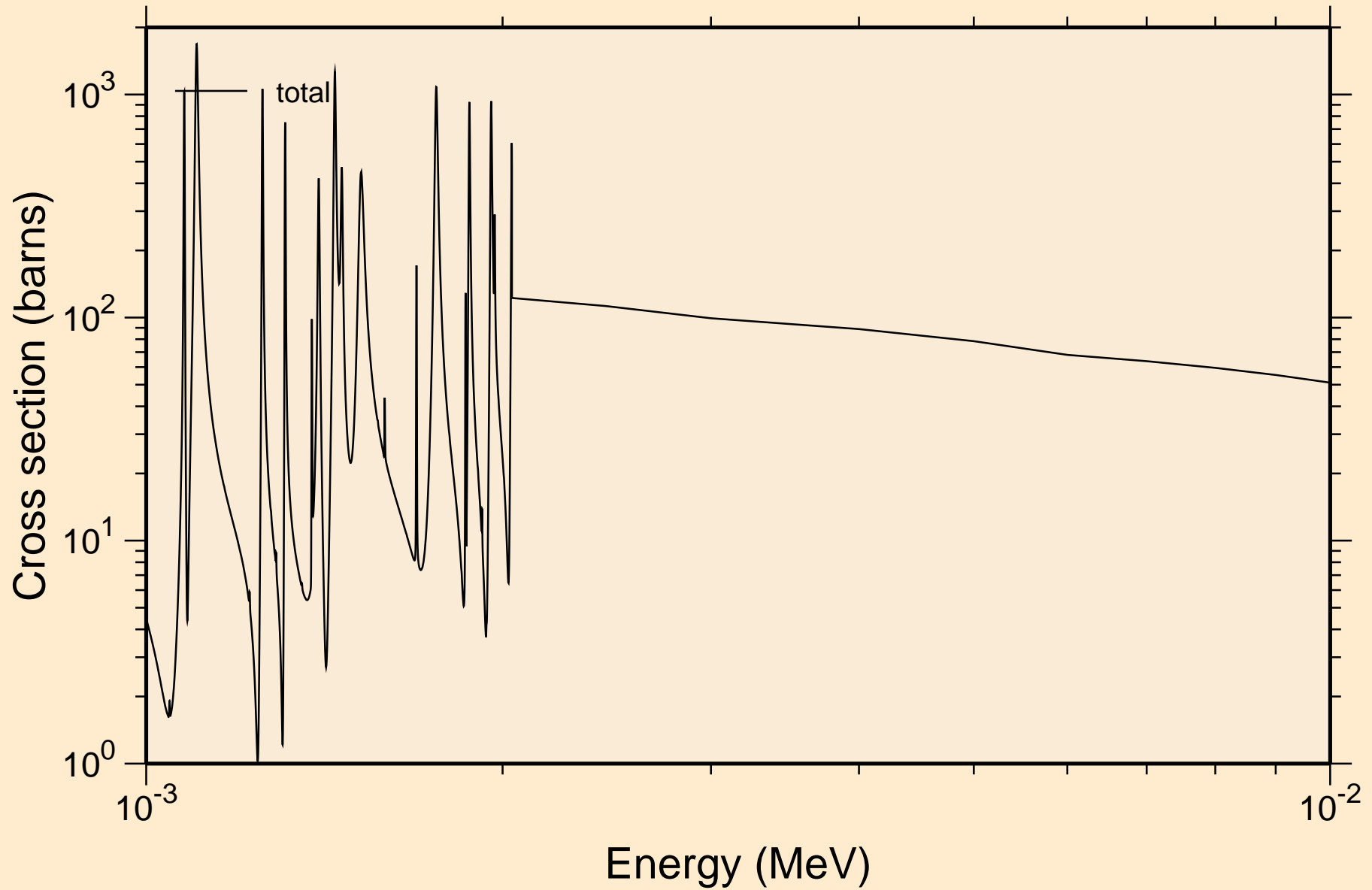
N-GD163 NRG TENDL-2017, AKONING  
resonance total cross section



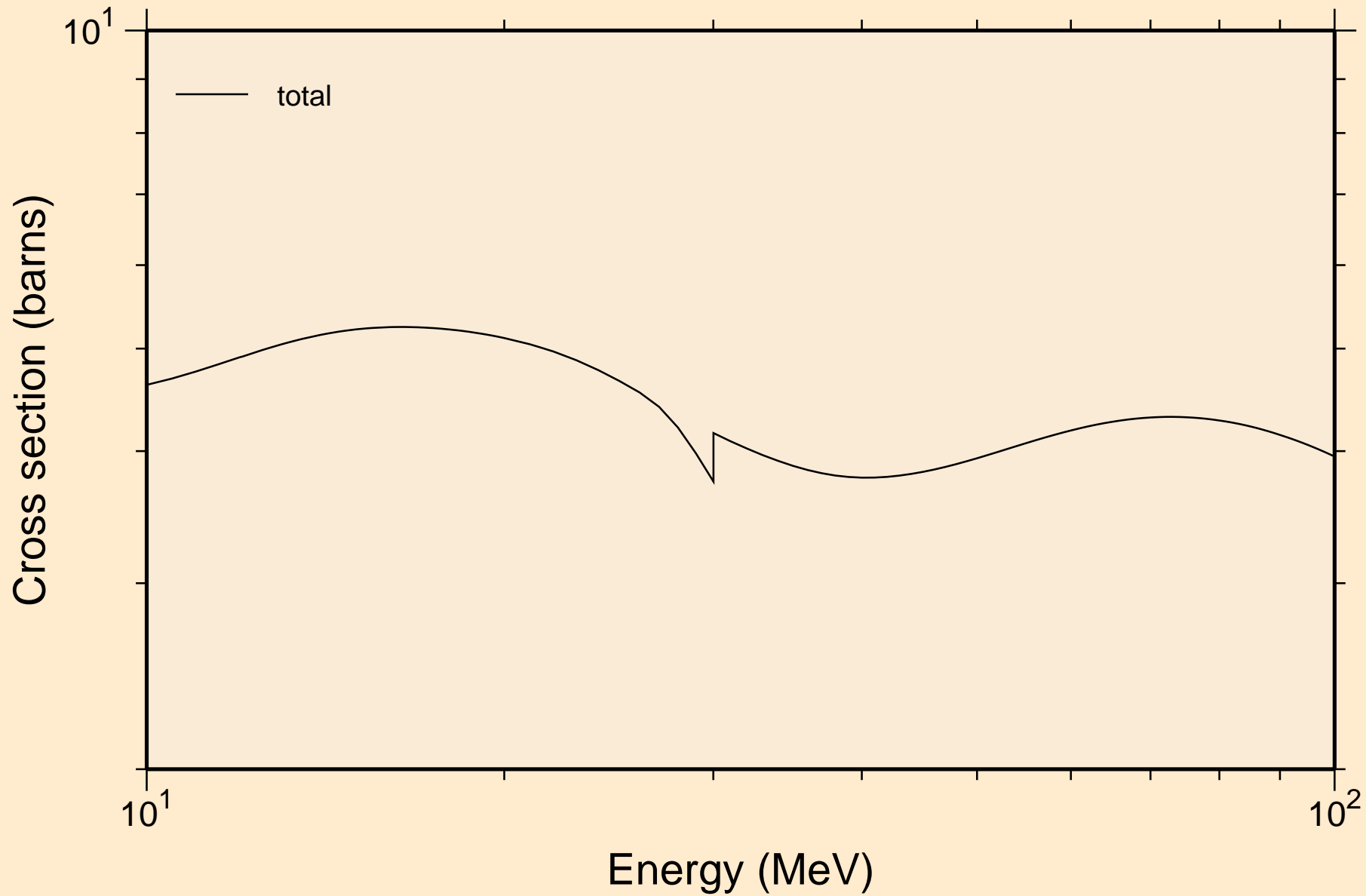
N-GD163 NRG TENDL-2017, AKONING  
resonance total cross section



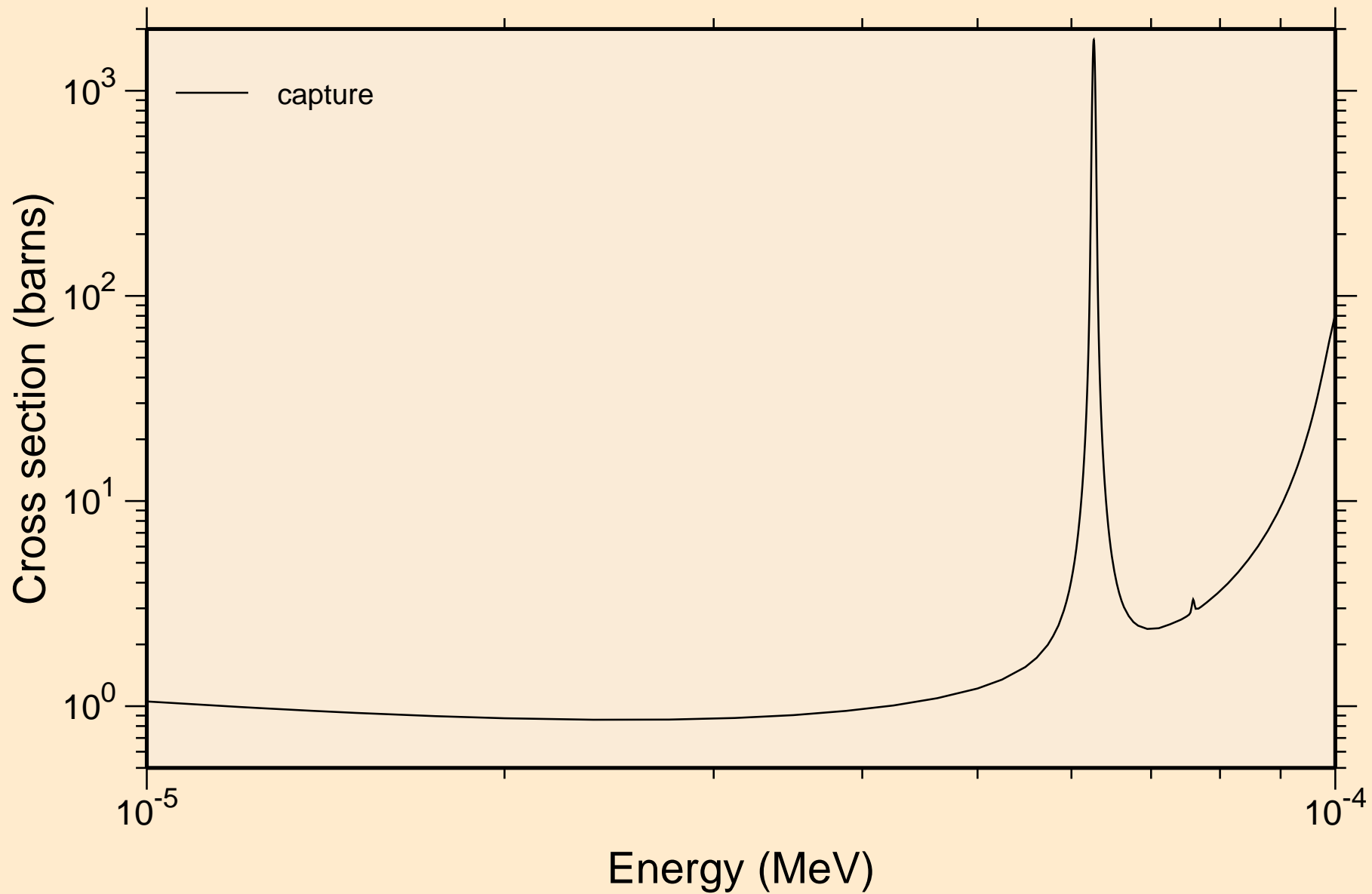
N-GD163 NRG TENDL-2017, AKONING  
resonance total cross section



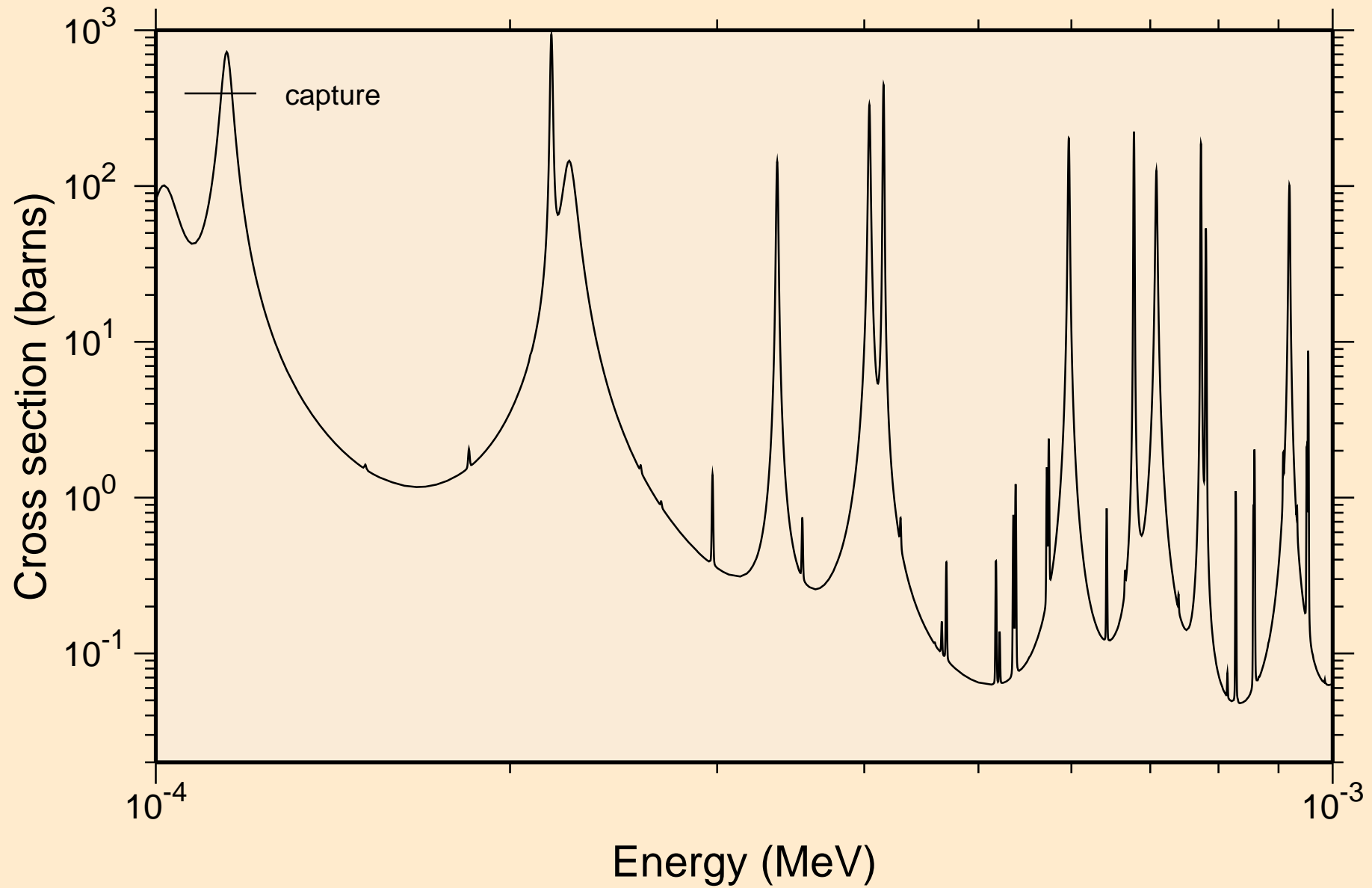
N-GD163 NRG TENDL-2017, AKONING  
resonance total cross section



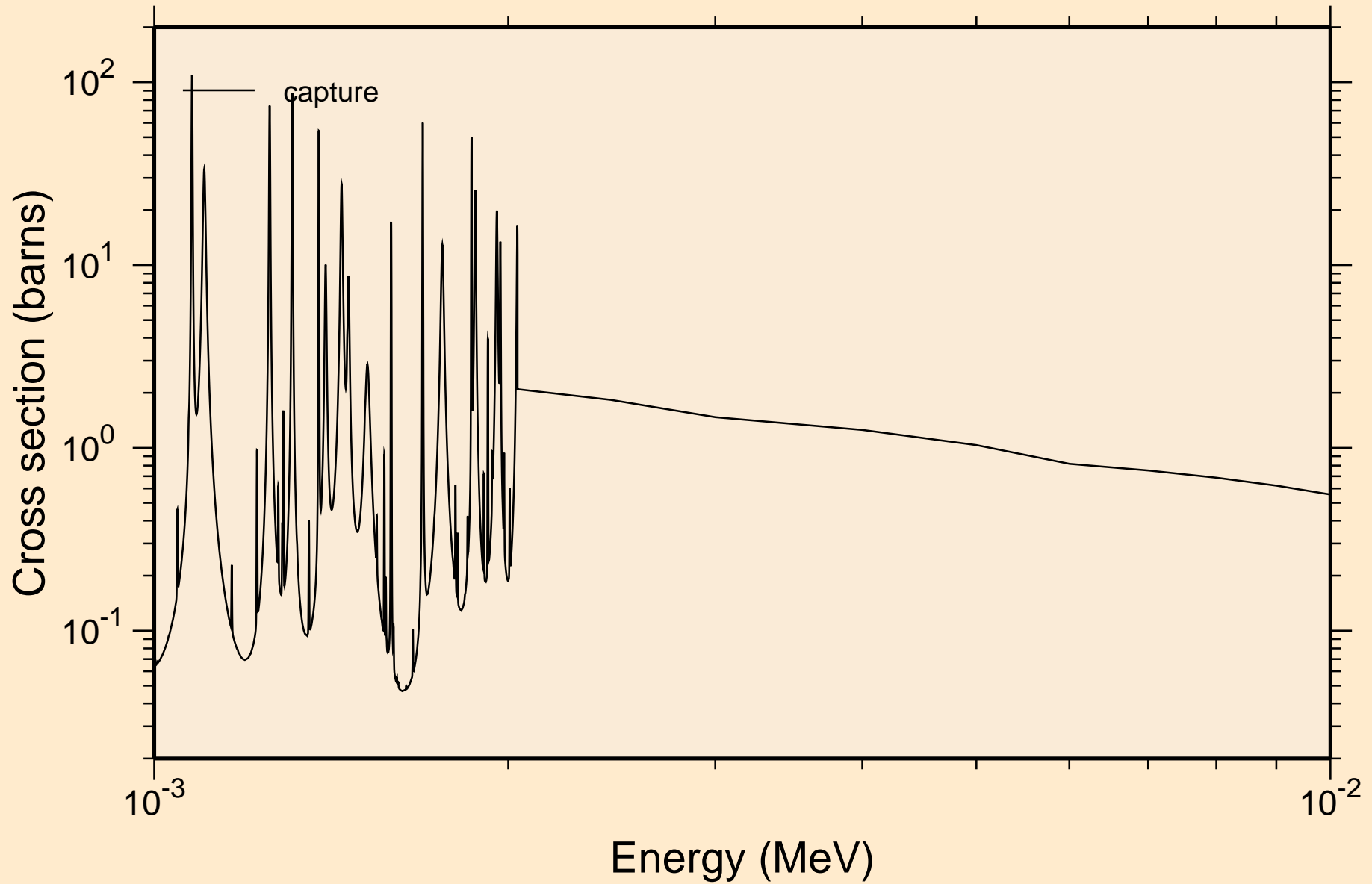
N-GD163 NRG TENDL-2017, AKONING  
resonance absorption cross sections



# N-GD163 NRG TENDL-2017, AKONING resonance absorption cross sections

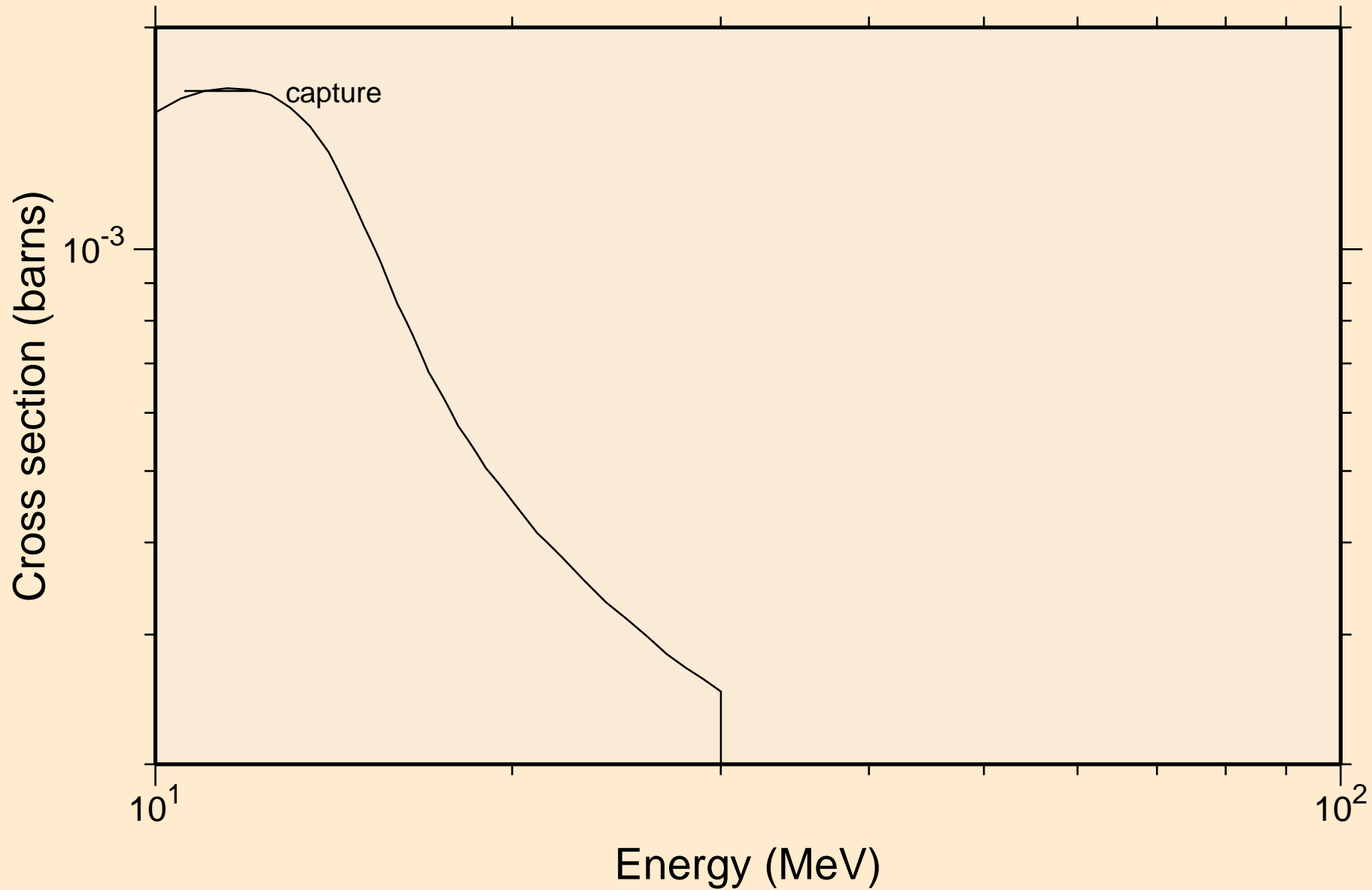


# N-GD163 NRG TENDL-2017, AKONING resonance absorption cross sections



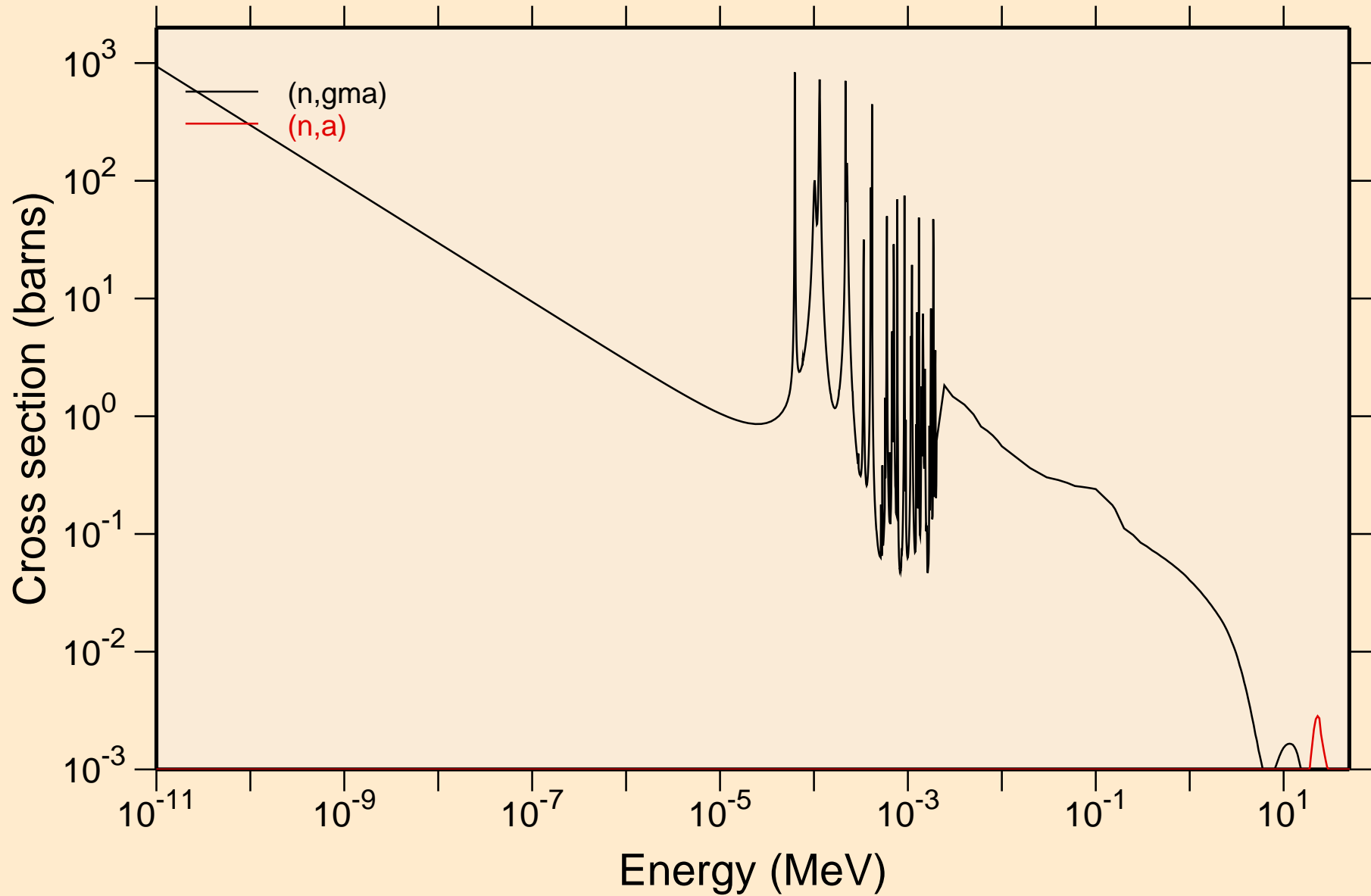


N-GD163 NRG TENDL-2017, AKONING  
resonance absorption cross sections



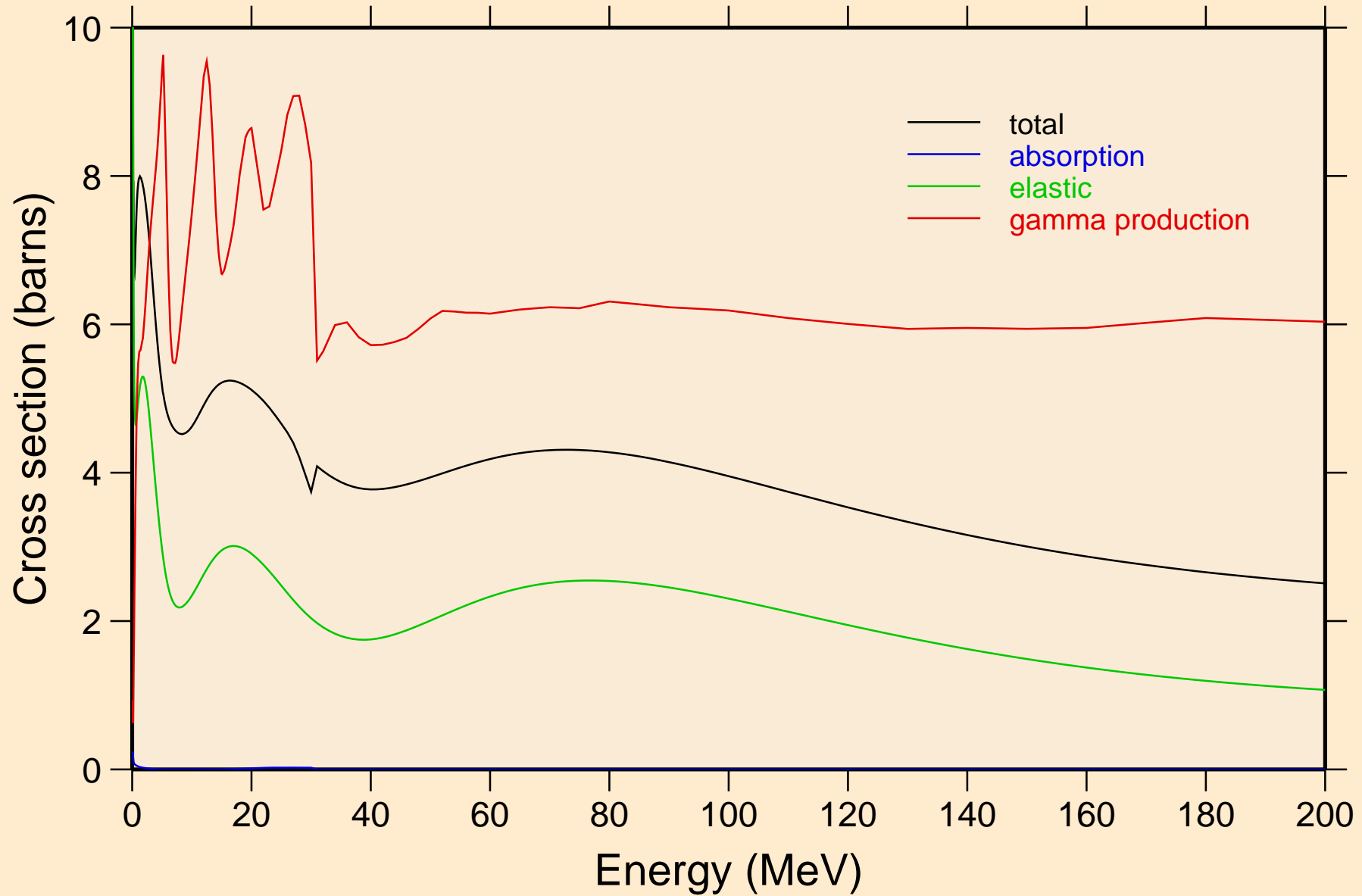
# N-GD163 NRG TENDL-2017, AKONING

## Non-threshold reactions



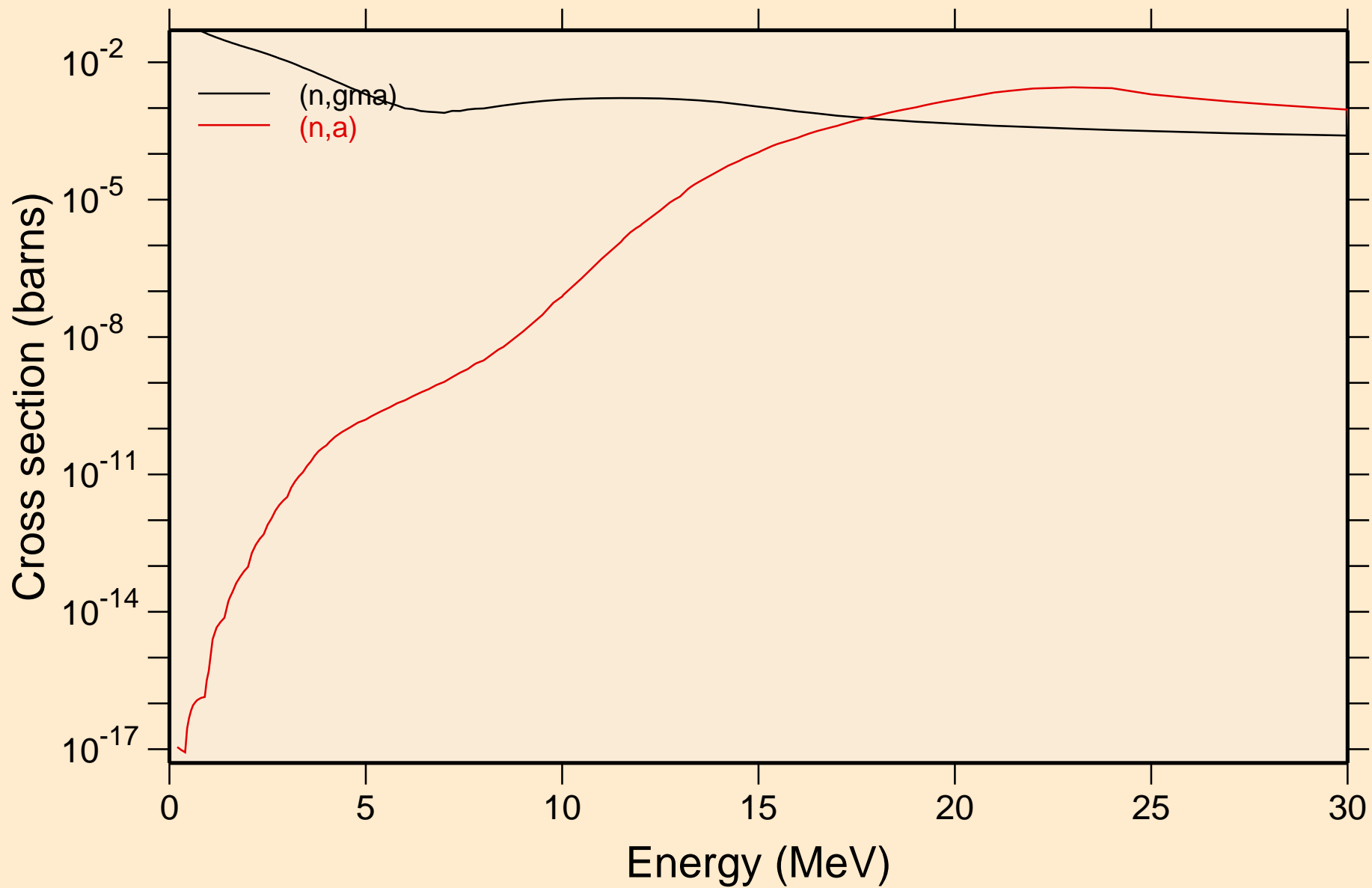
# N-GD163 NRG TENDL-2017, AKONING

## Principal cross sections

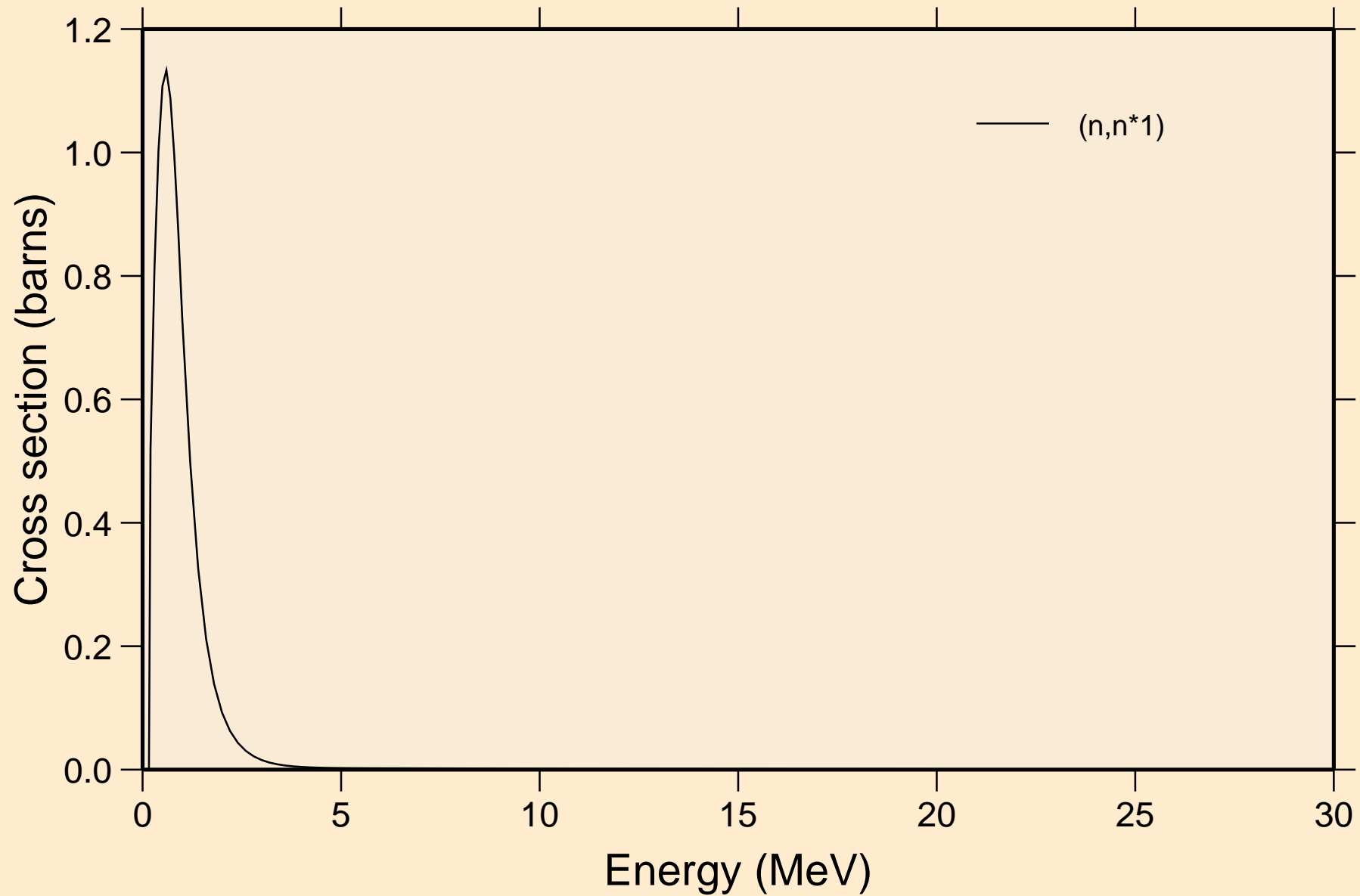


# N-GD163 NRG TENDL-2017, AKONING

## Non-threshold reactions

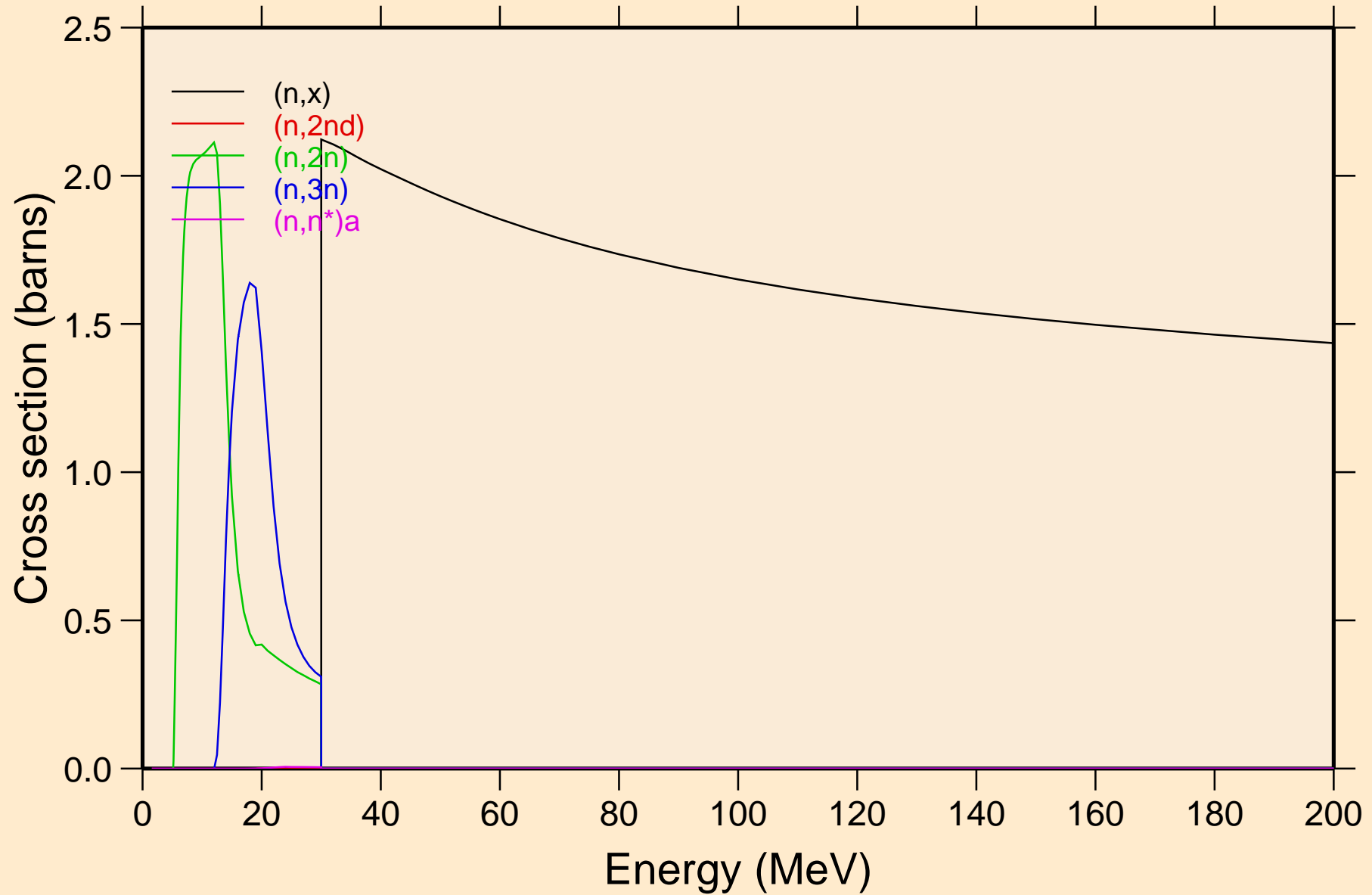


N-GD163 NRG TENDL-2017, AKONING  
Inelastic levels



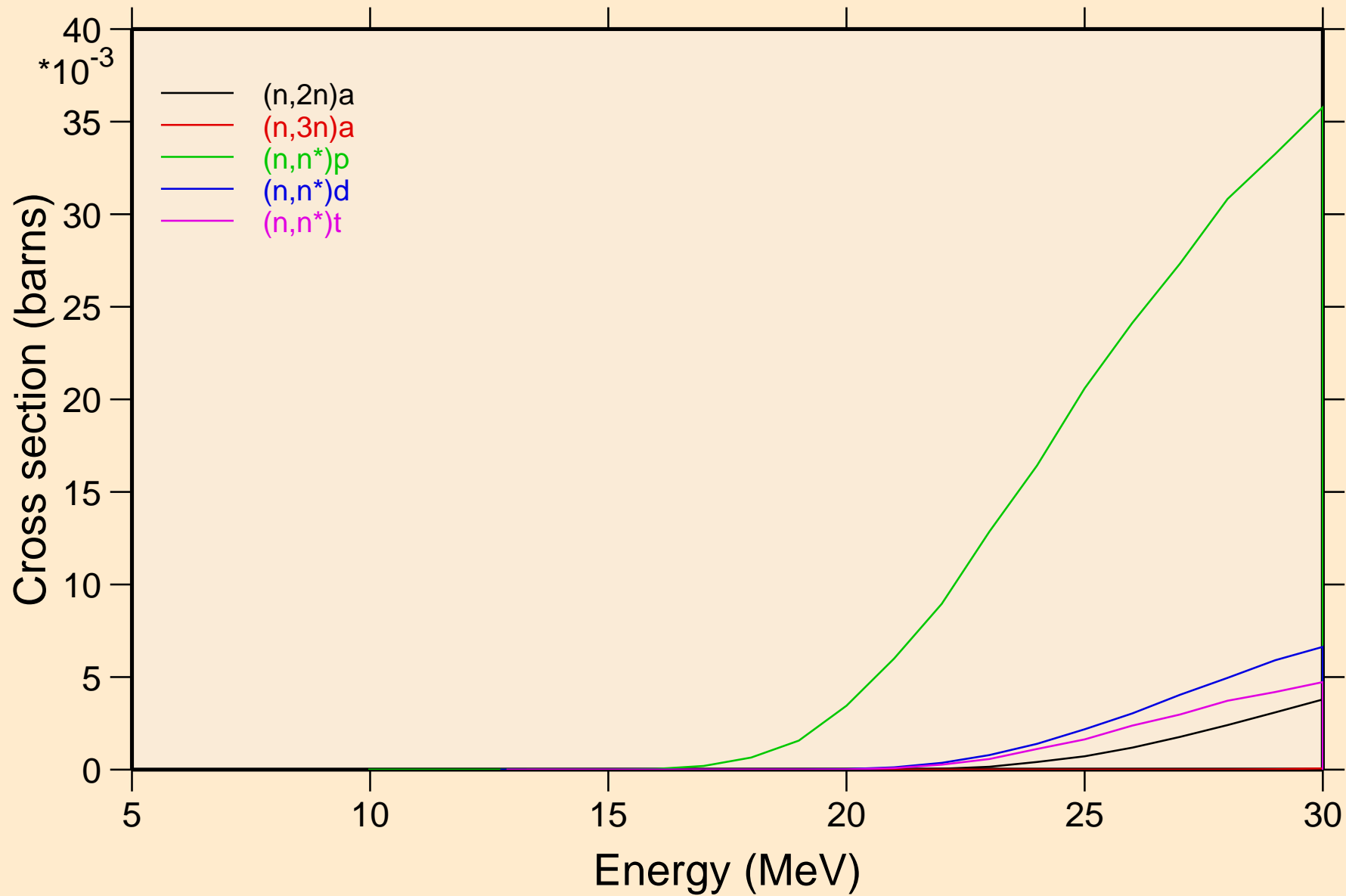
# N-GD163 NRG TENDL-2017, AKONING

## Threshold reactions



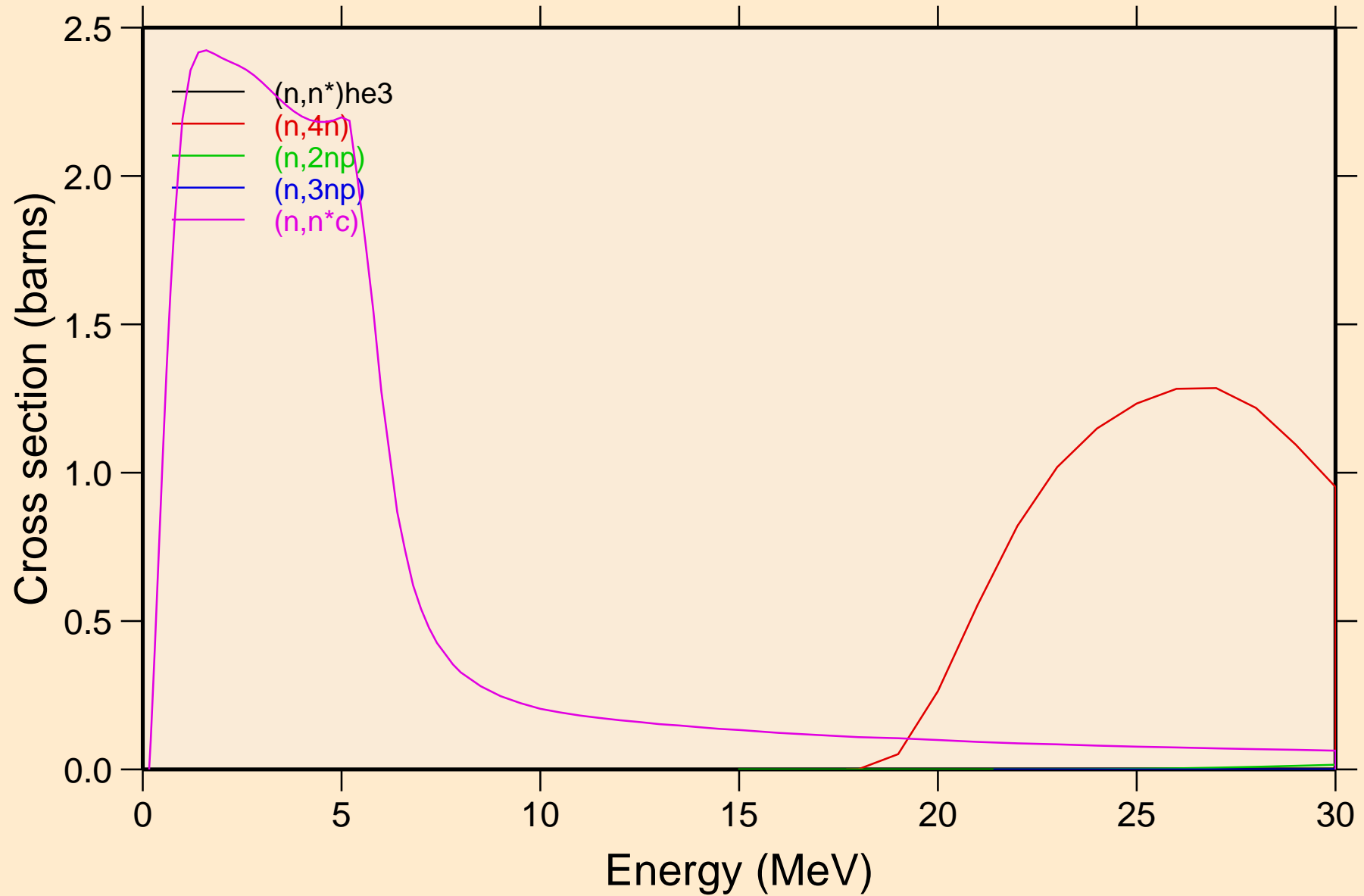
# N-GD163 NRG TENDL-2017, AKONING

## Threshold reactions



# N-GD163 NRG TENDL-2017, AKONING

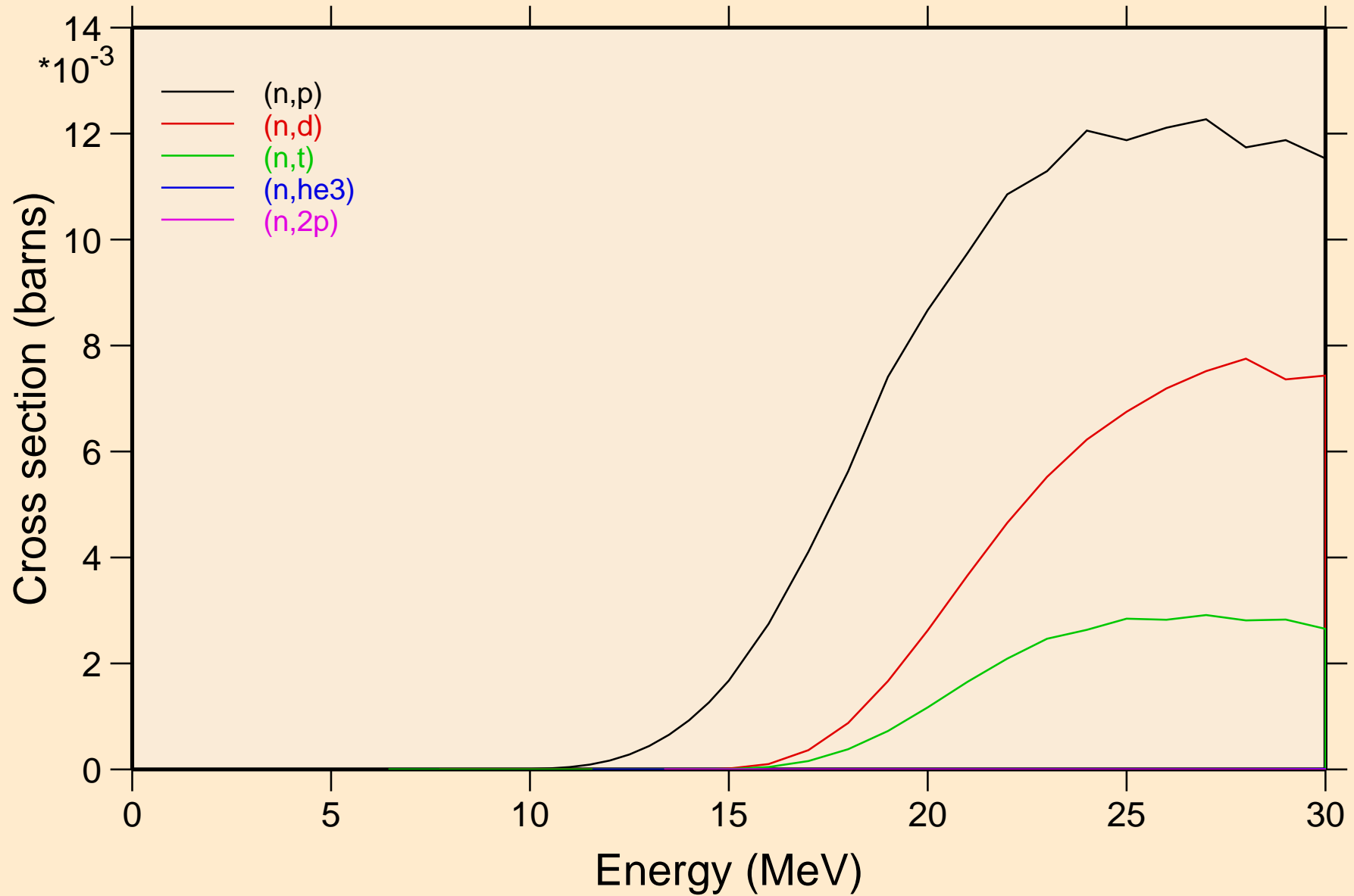
## Threshold reactions



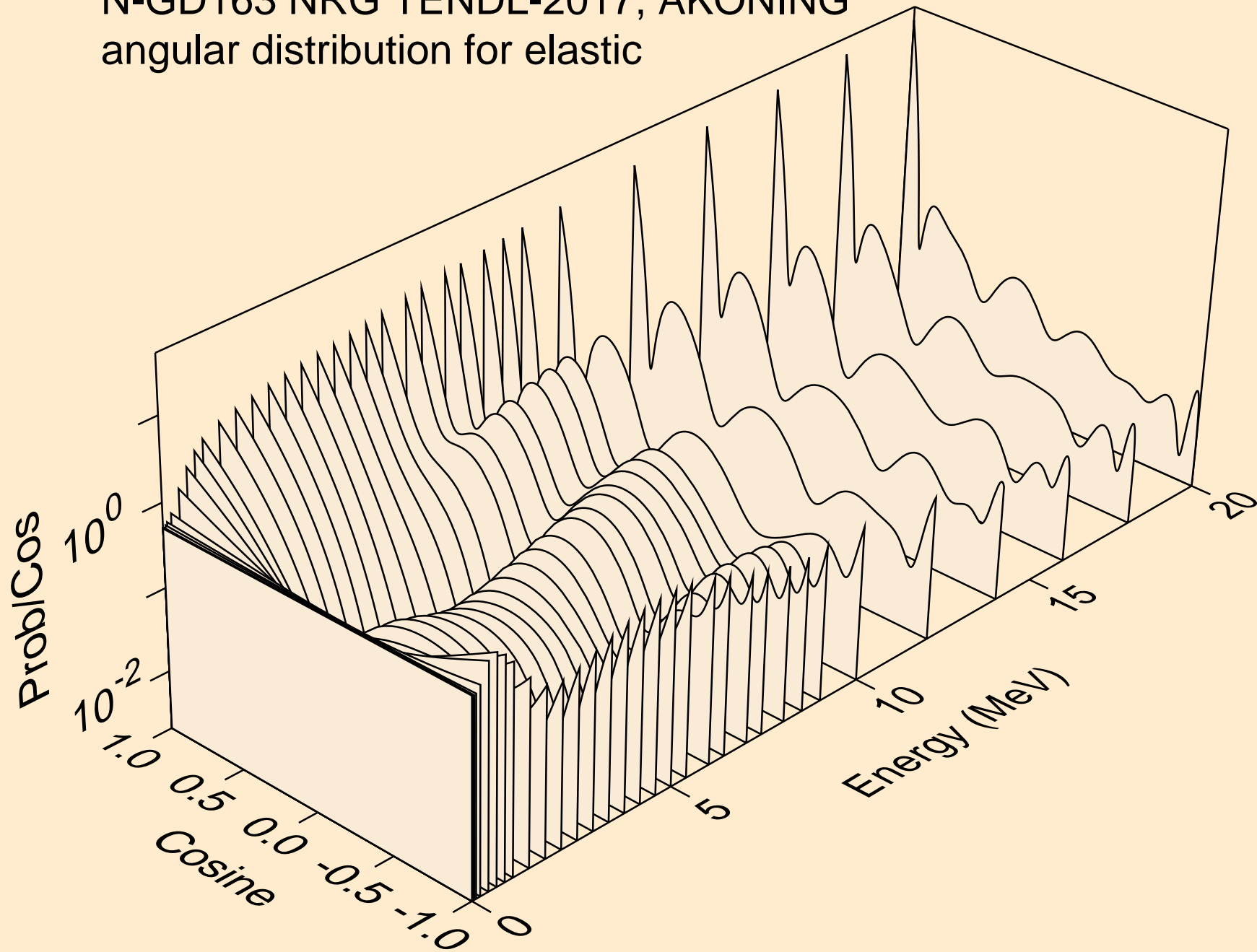


# N-GD163 NRG TENDL-2017, AKONING

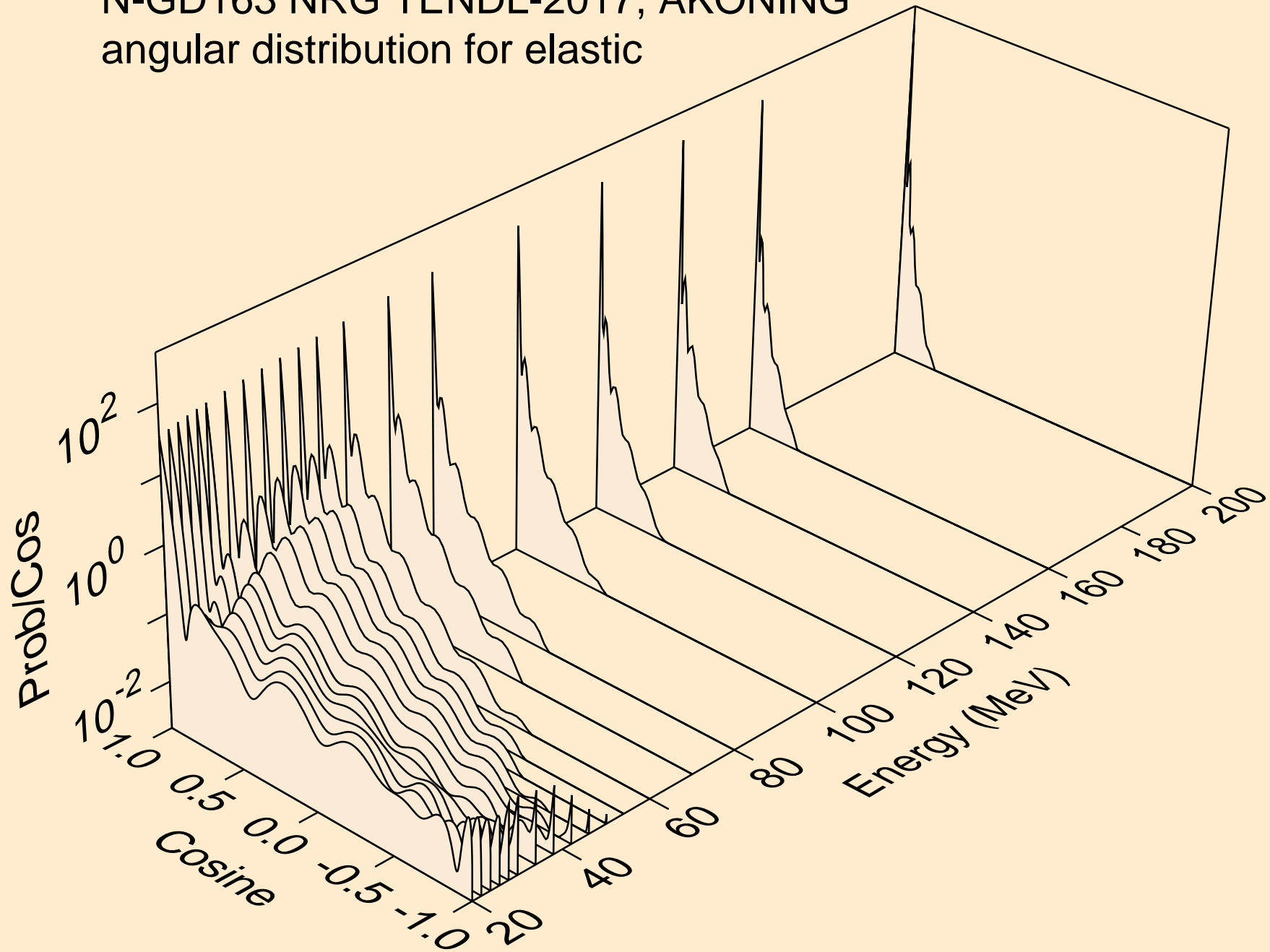
## Threshold reactions



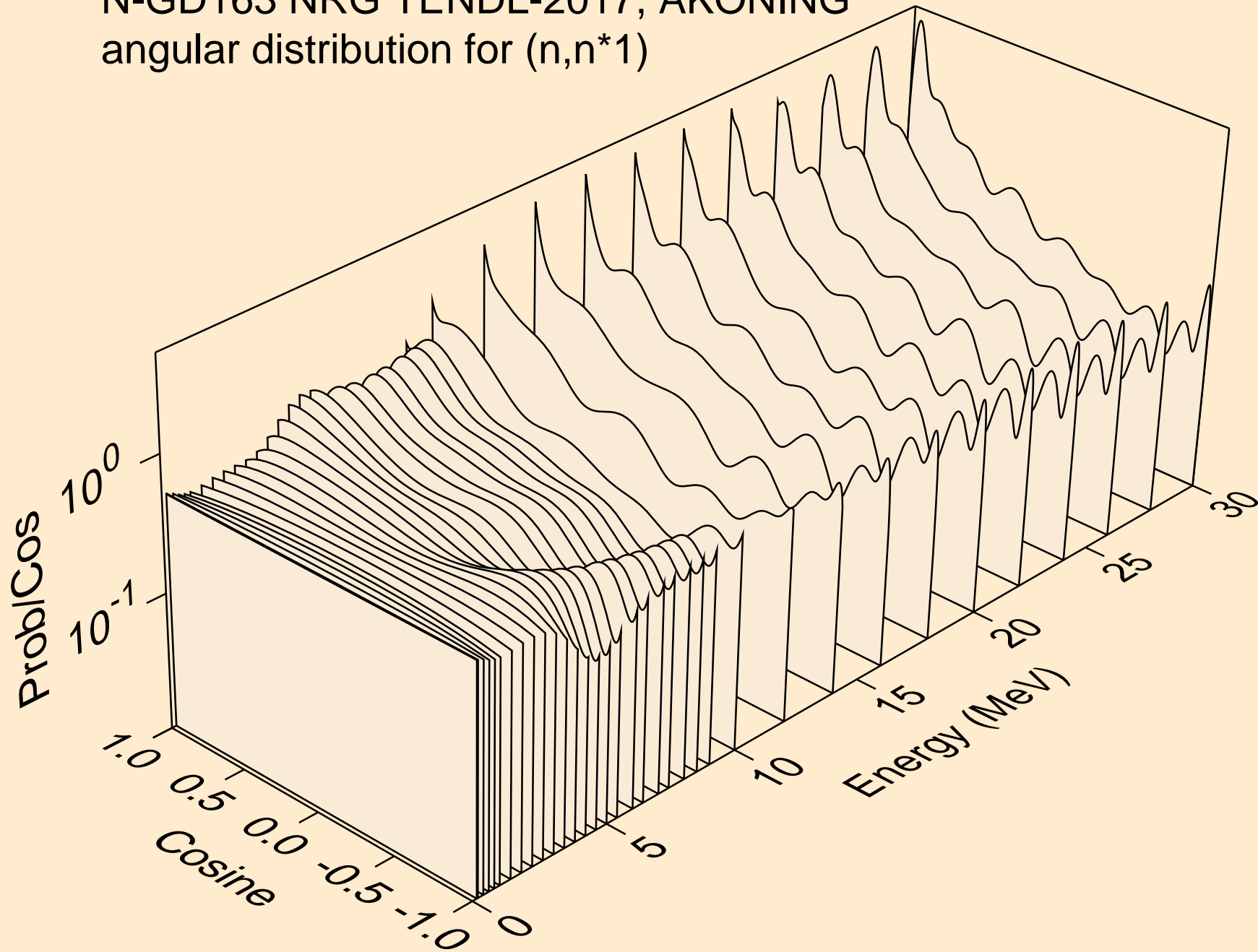
N-GD163 NRG TENDL-2017, AKONING  
angular distribution for elastic



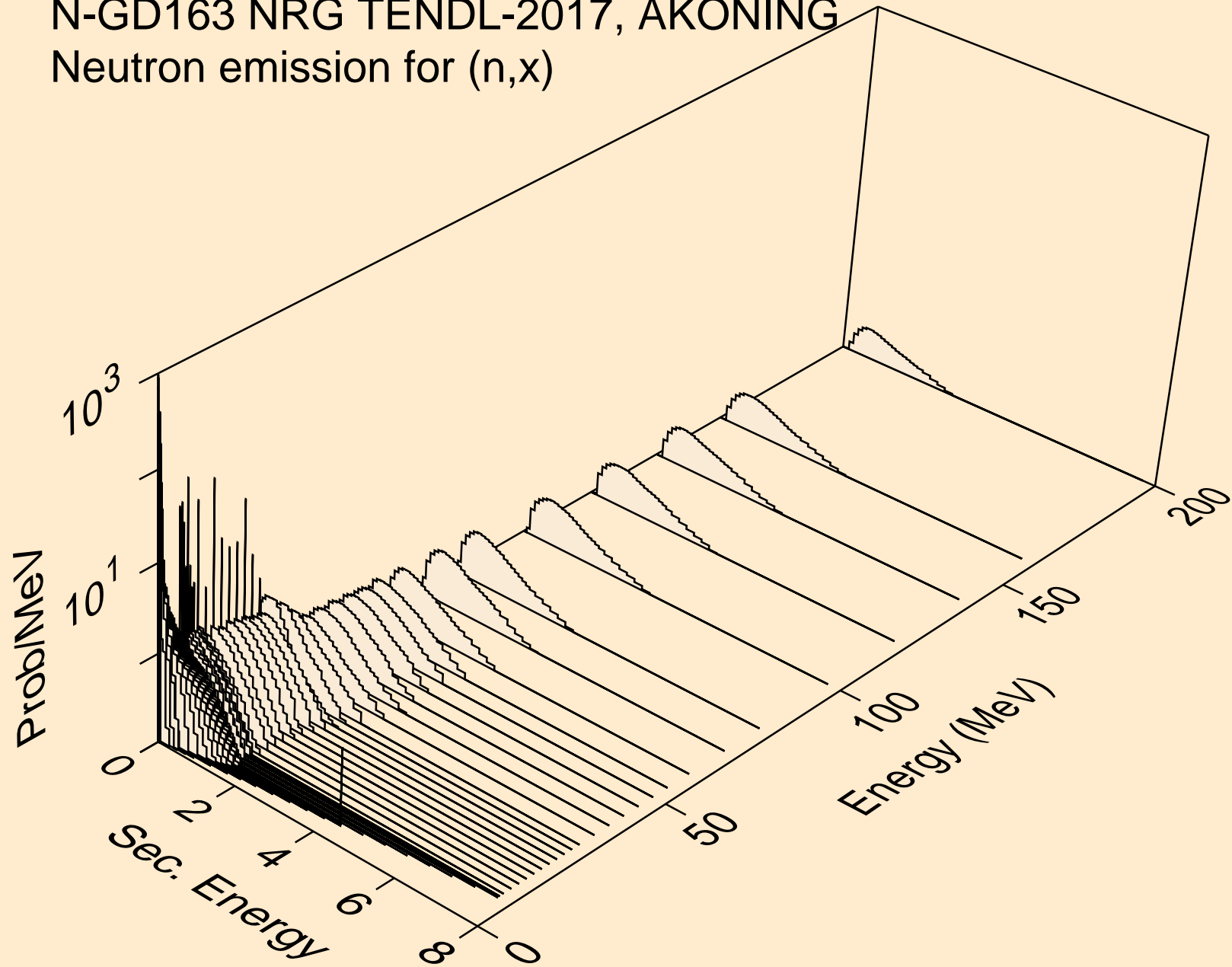
N-GD163 NRG TENDL-2017, AKONING  
angular distribution for elastic



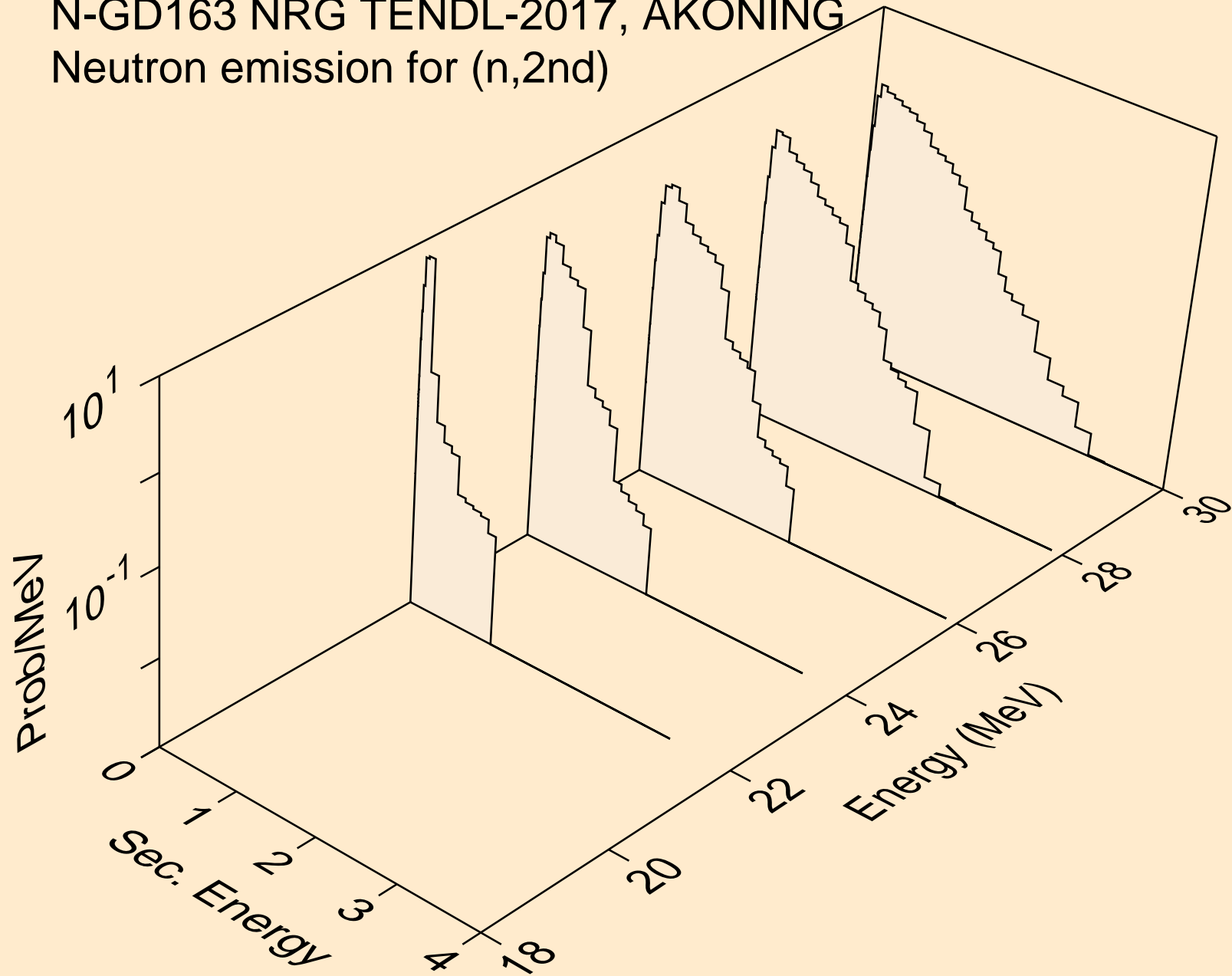
N-GD163 NRG TENDL-2017, AKONING  
angular distribution for (n,n\*1)



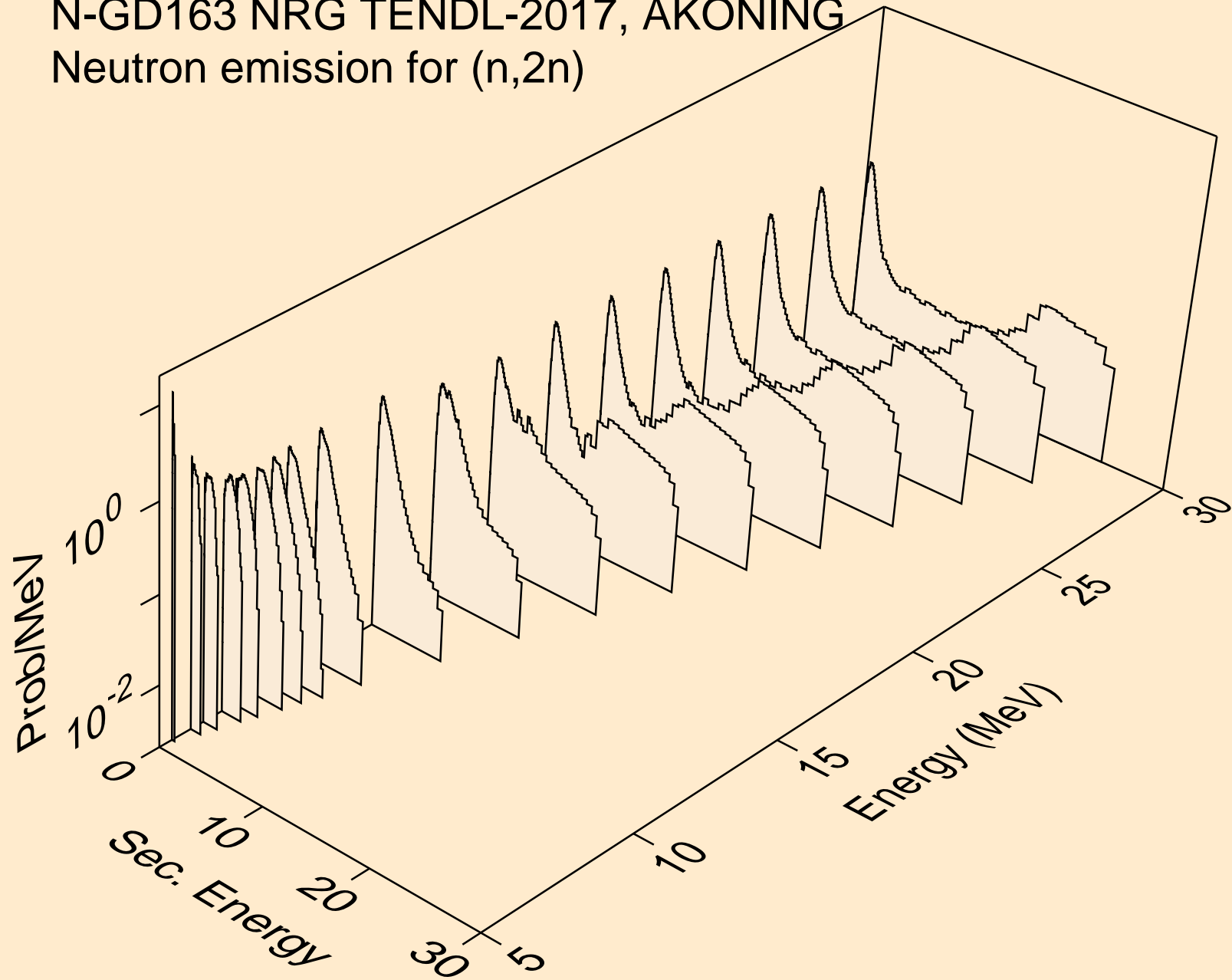
N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,x)



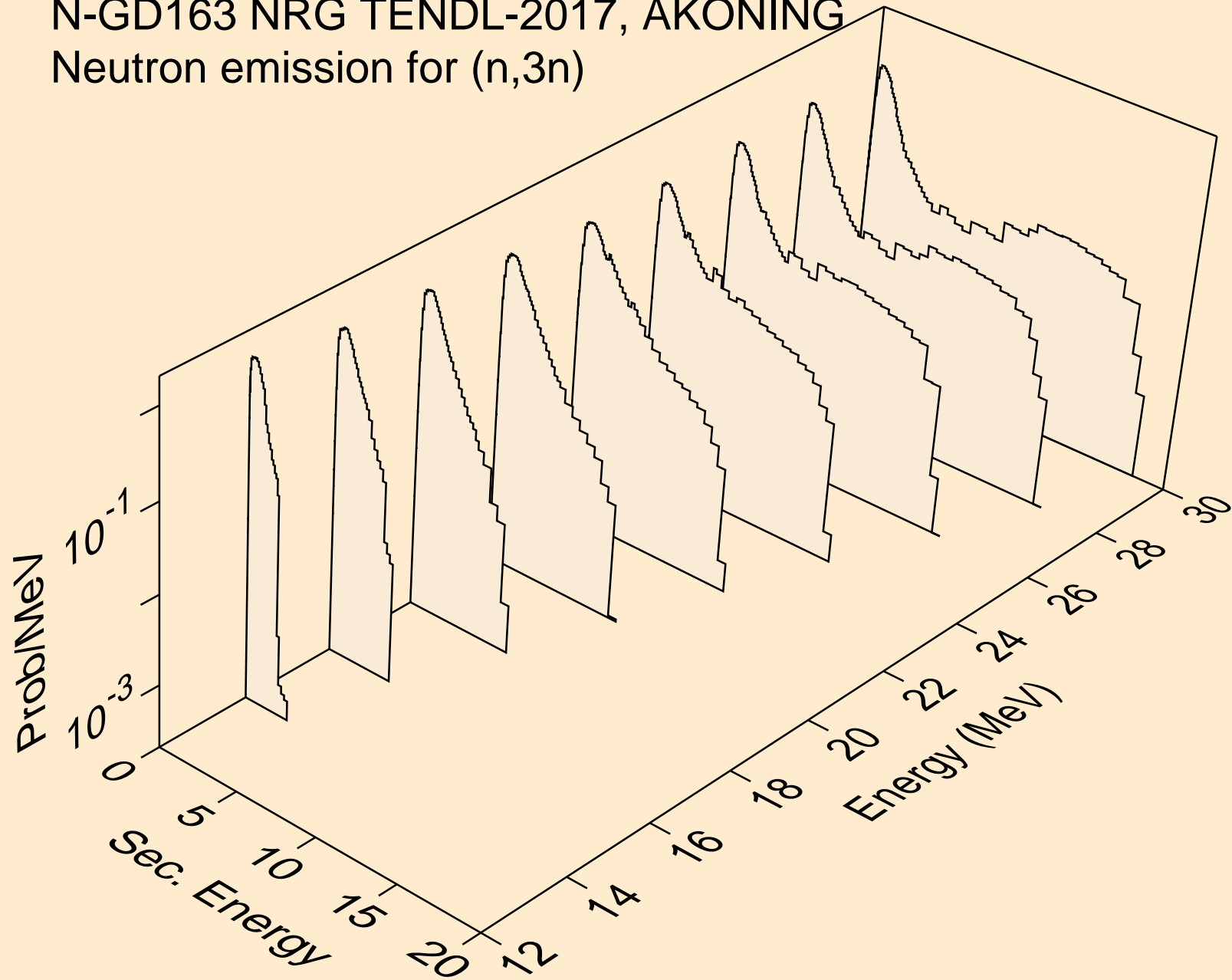
N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,2nd)



N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,2n)

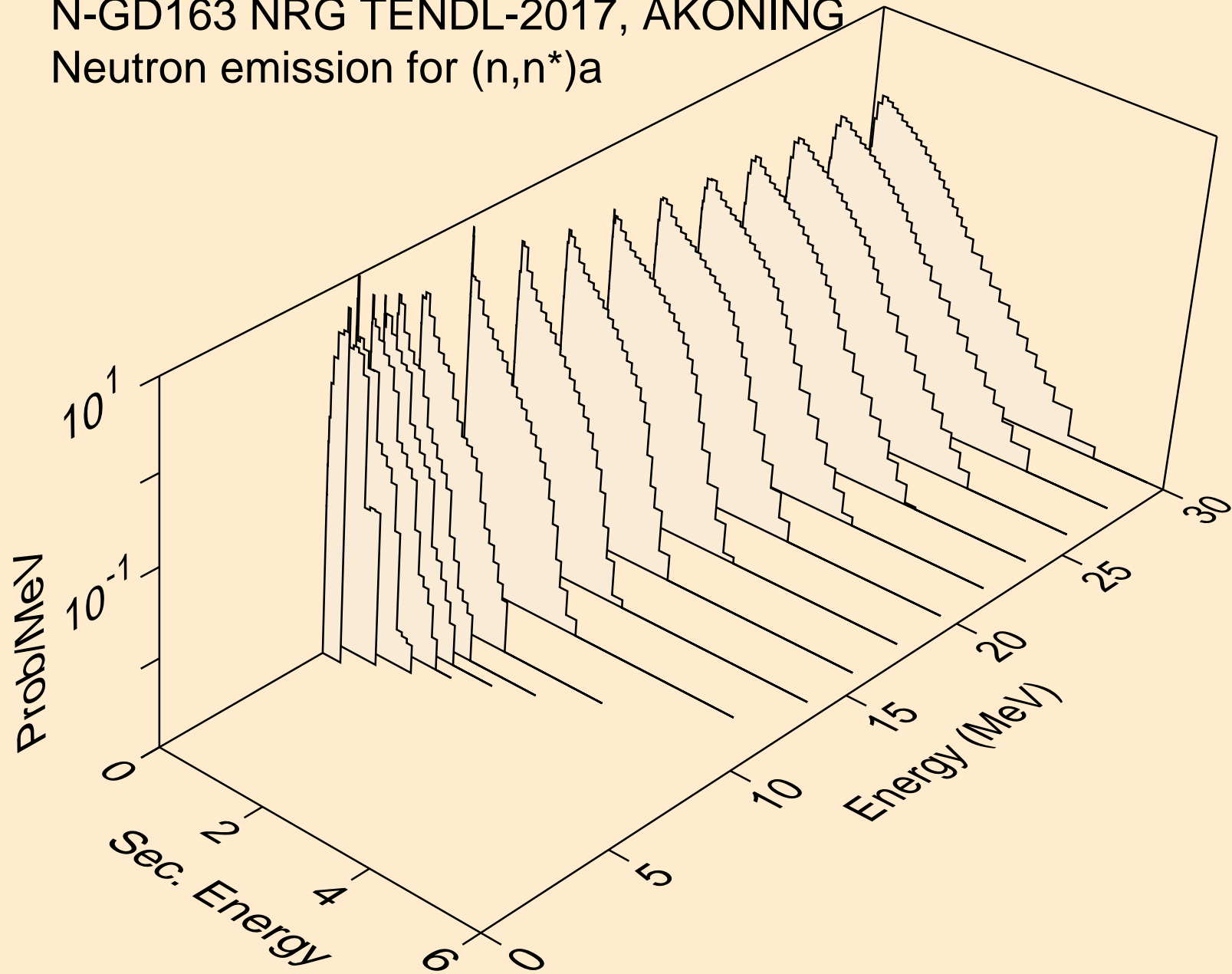


N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,3n)

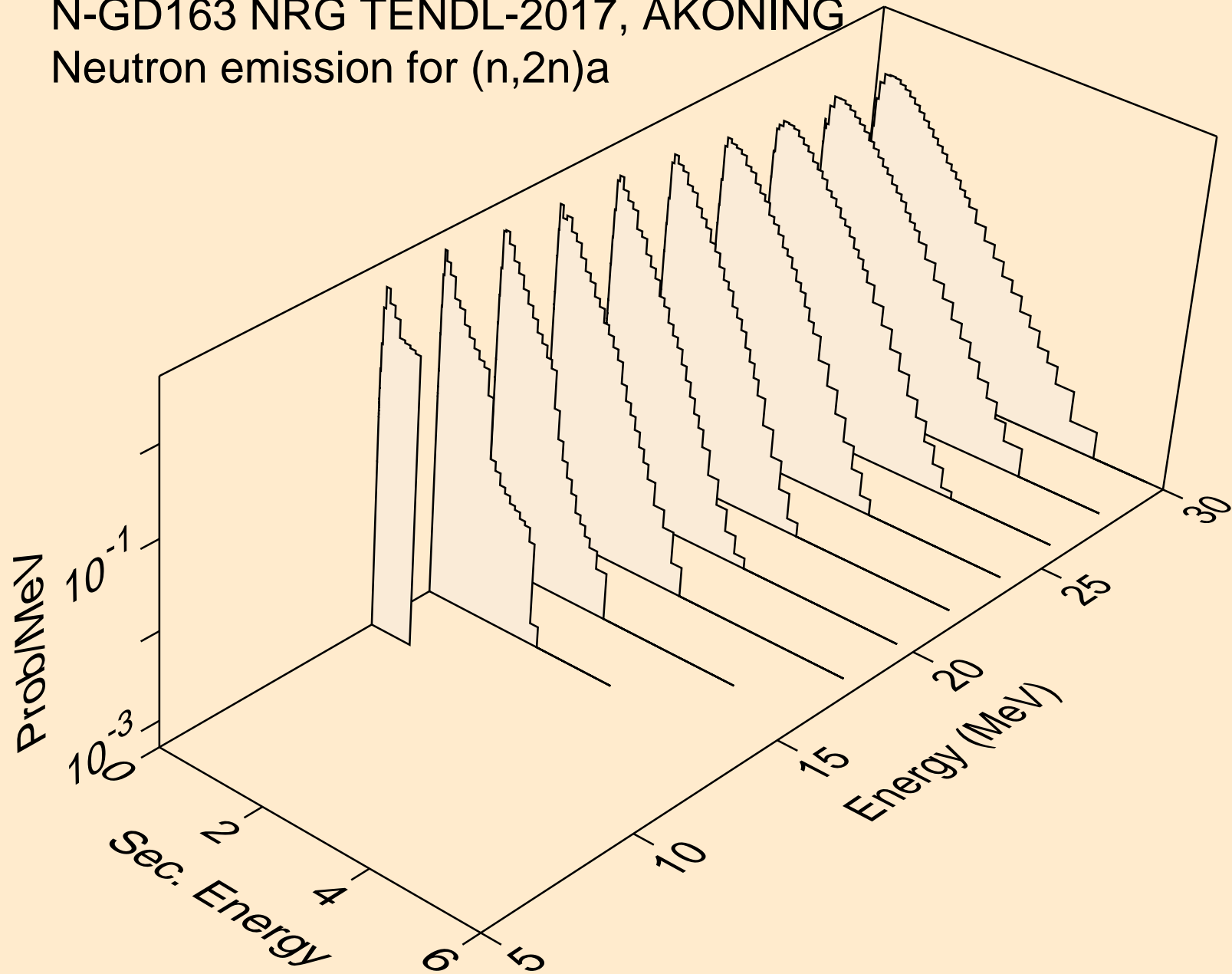




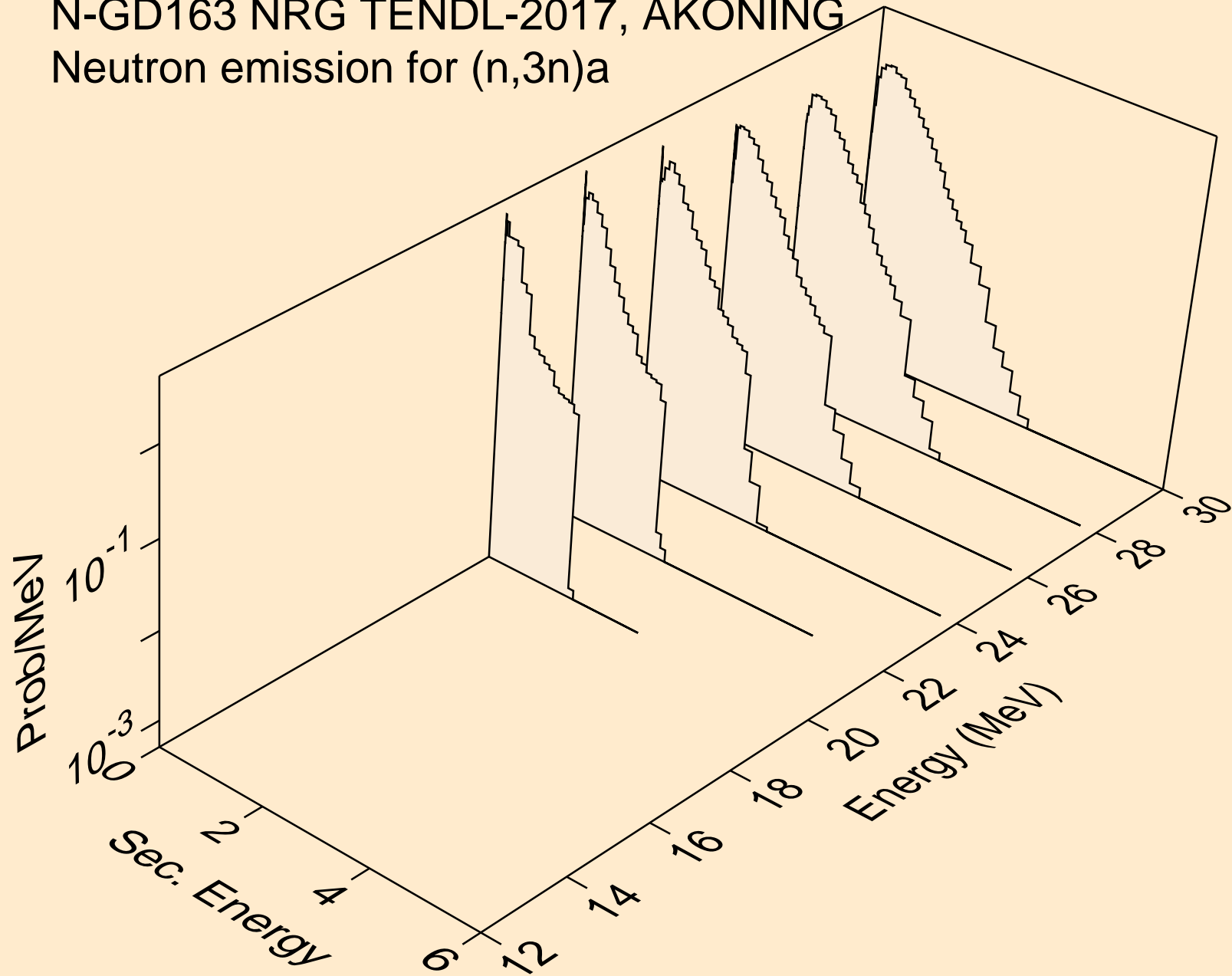
N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)a



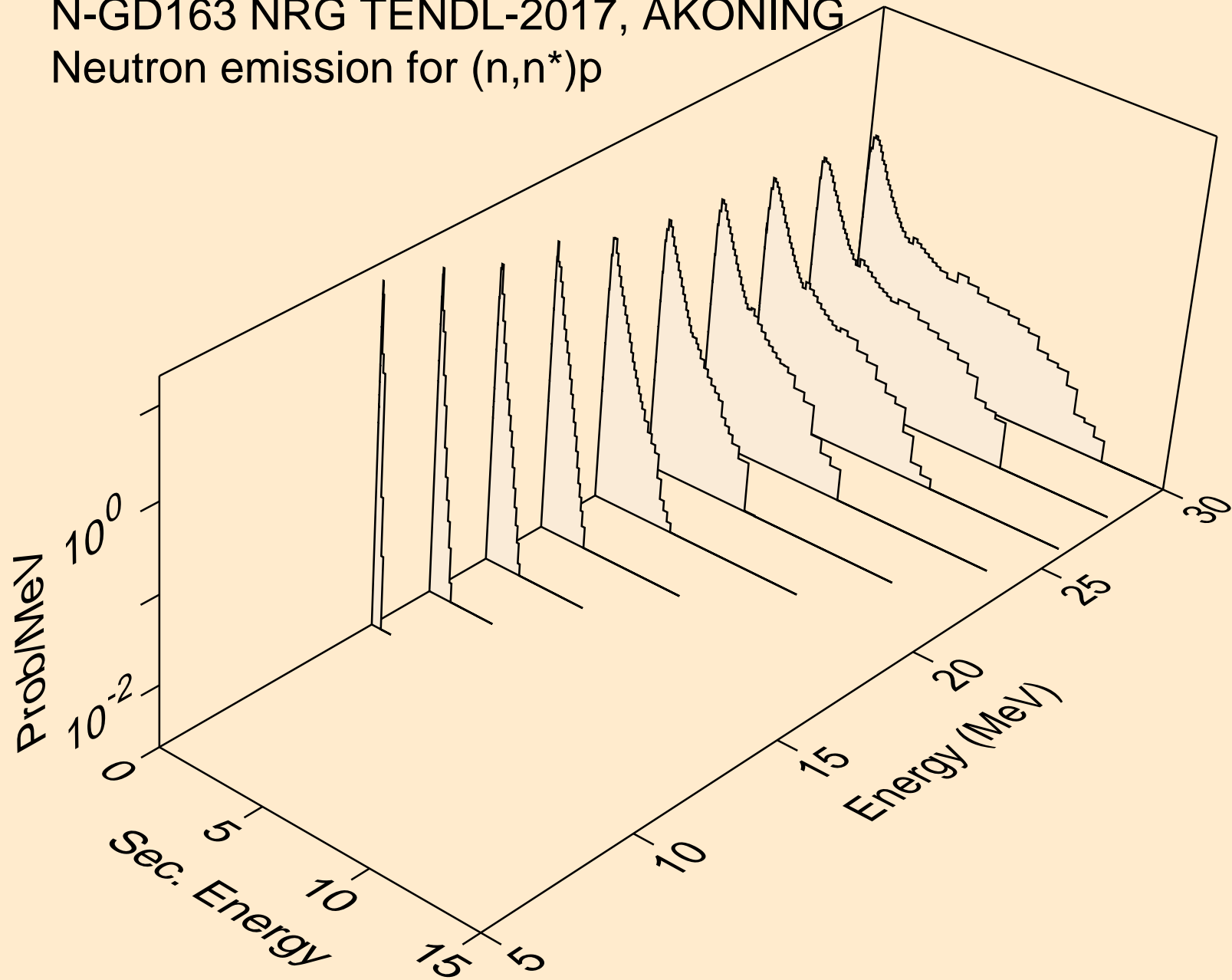
N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,2n)a



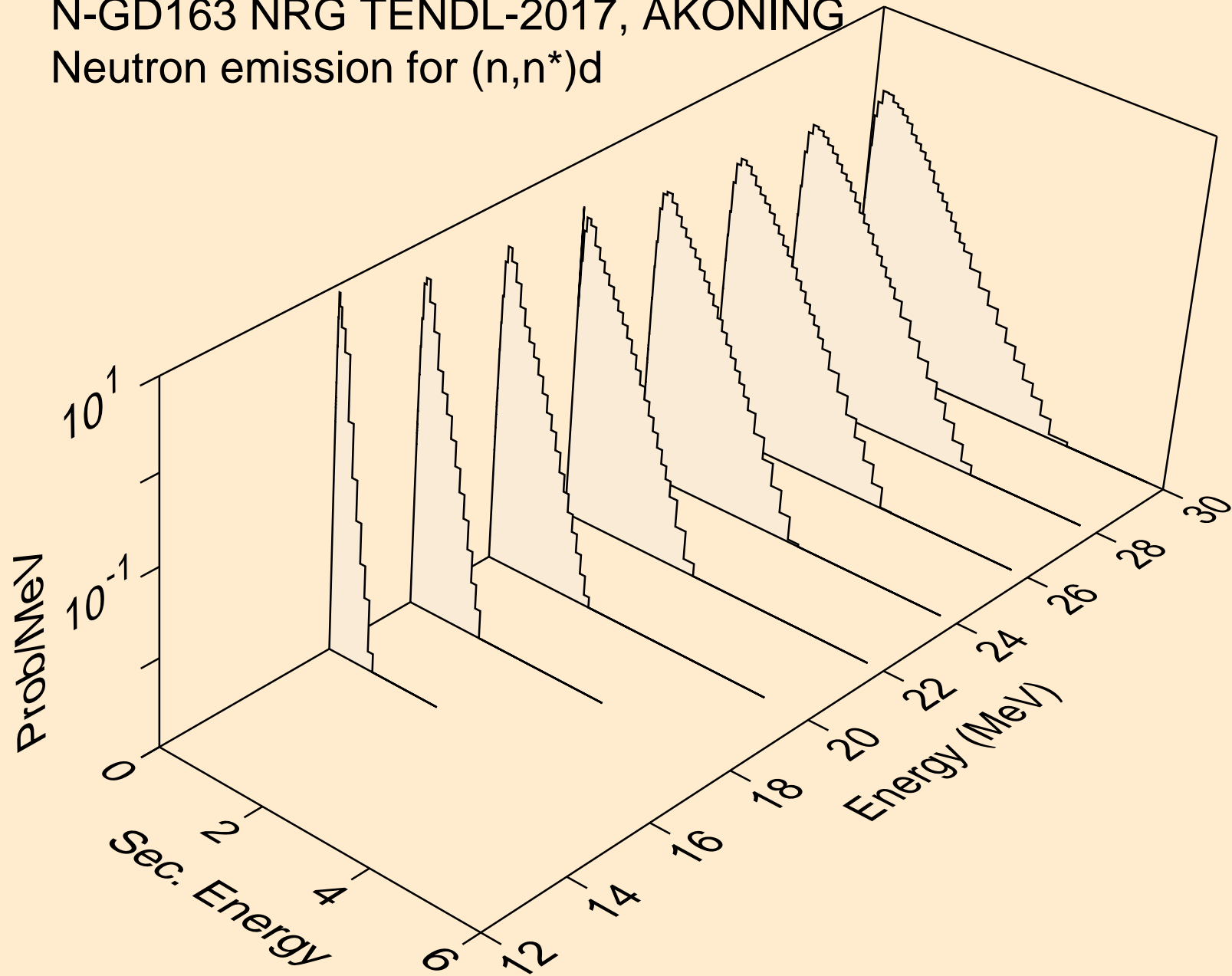
N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,3n)a



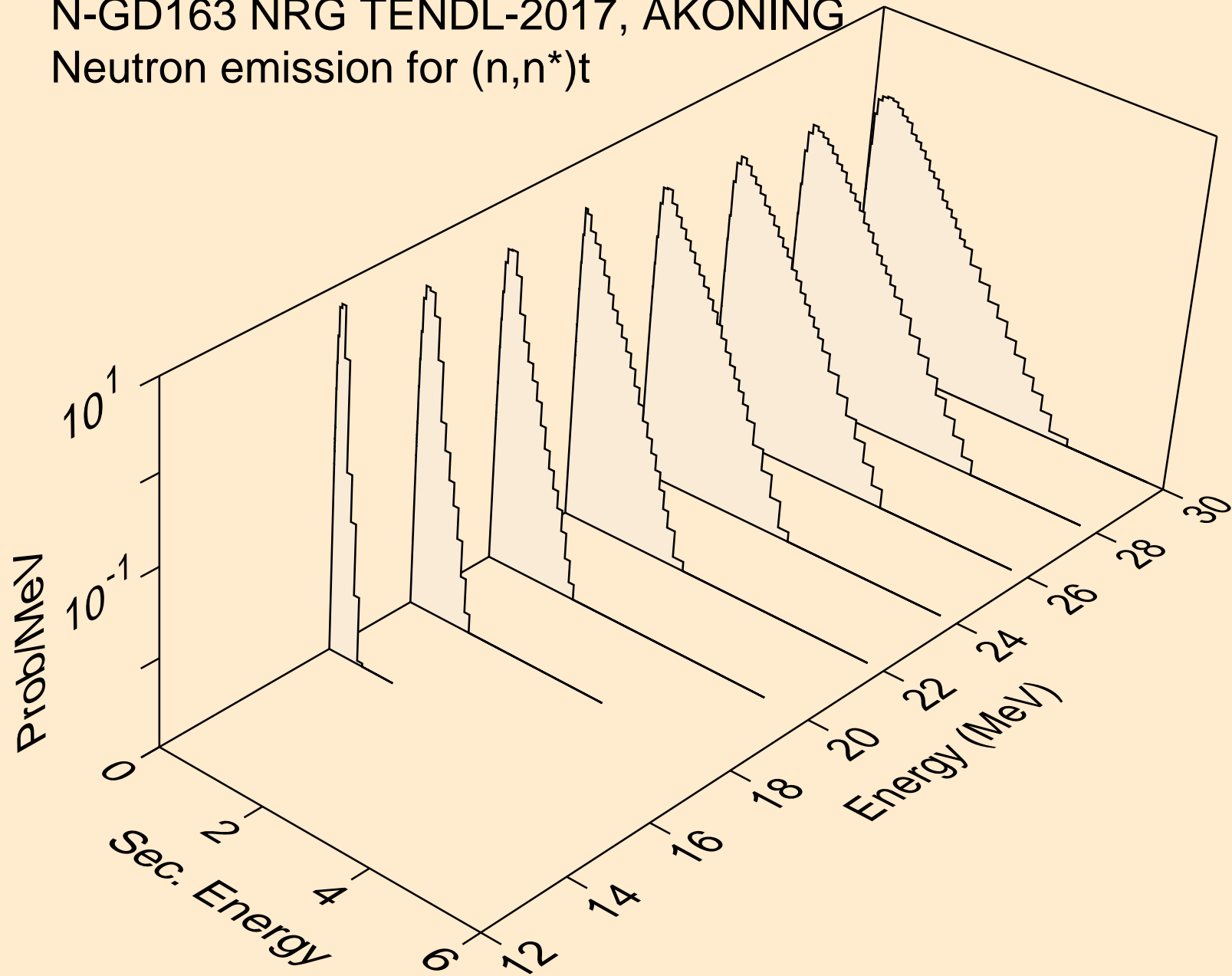
N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)p



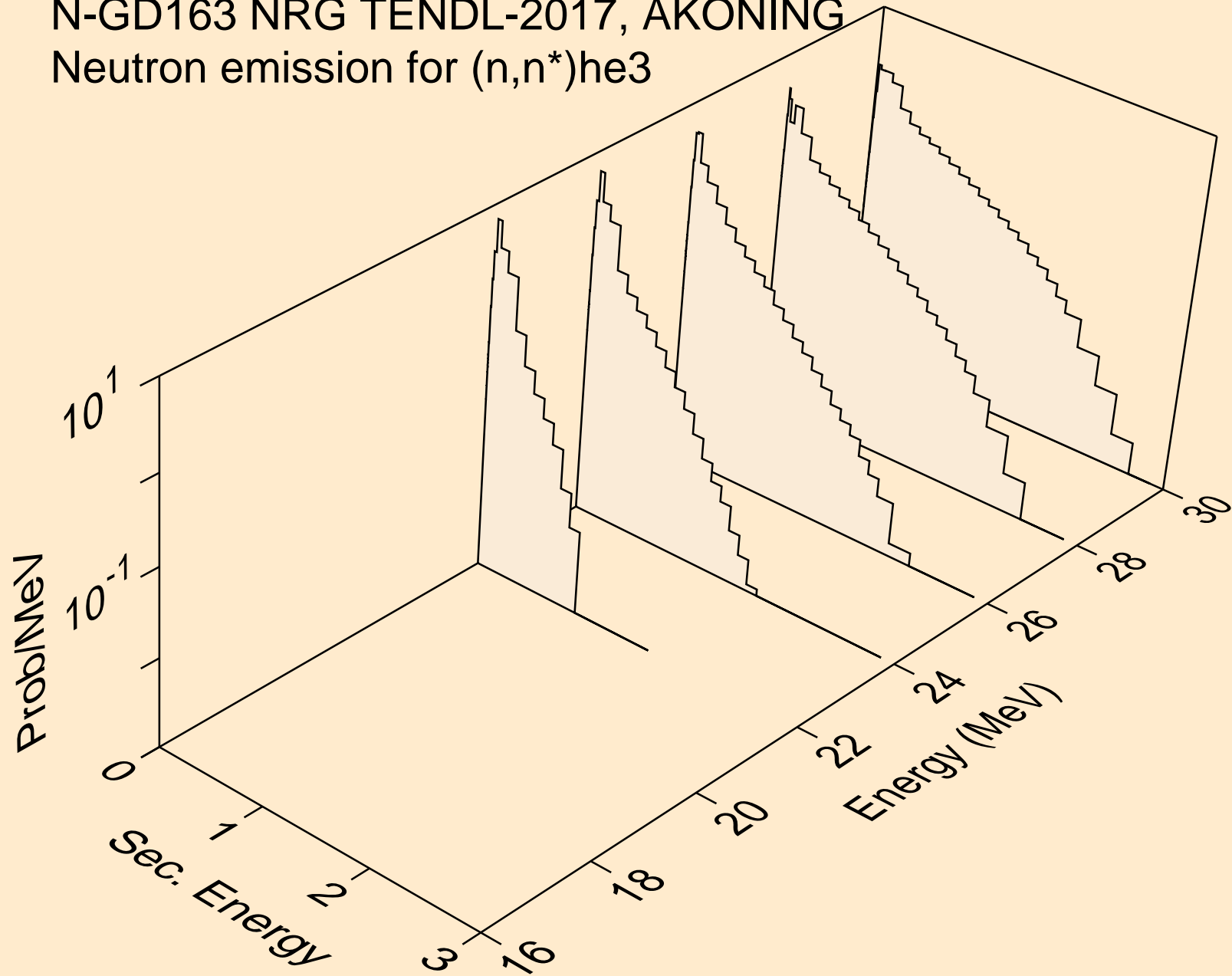
N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)d



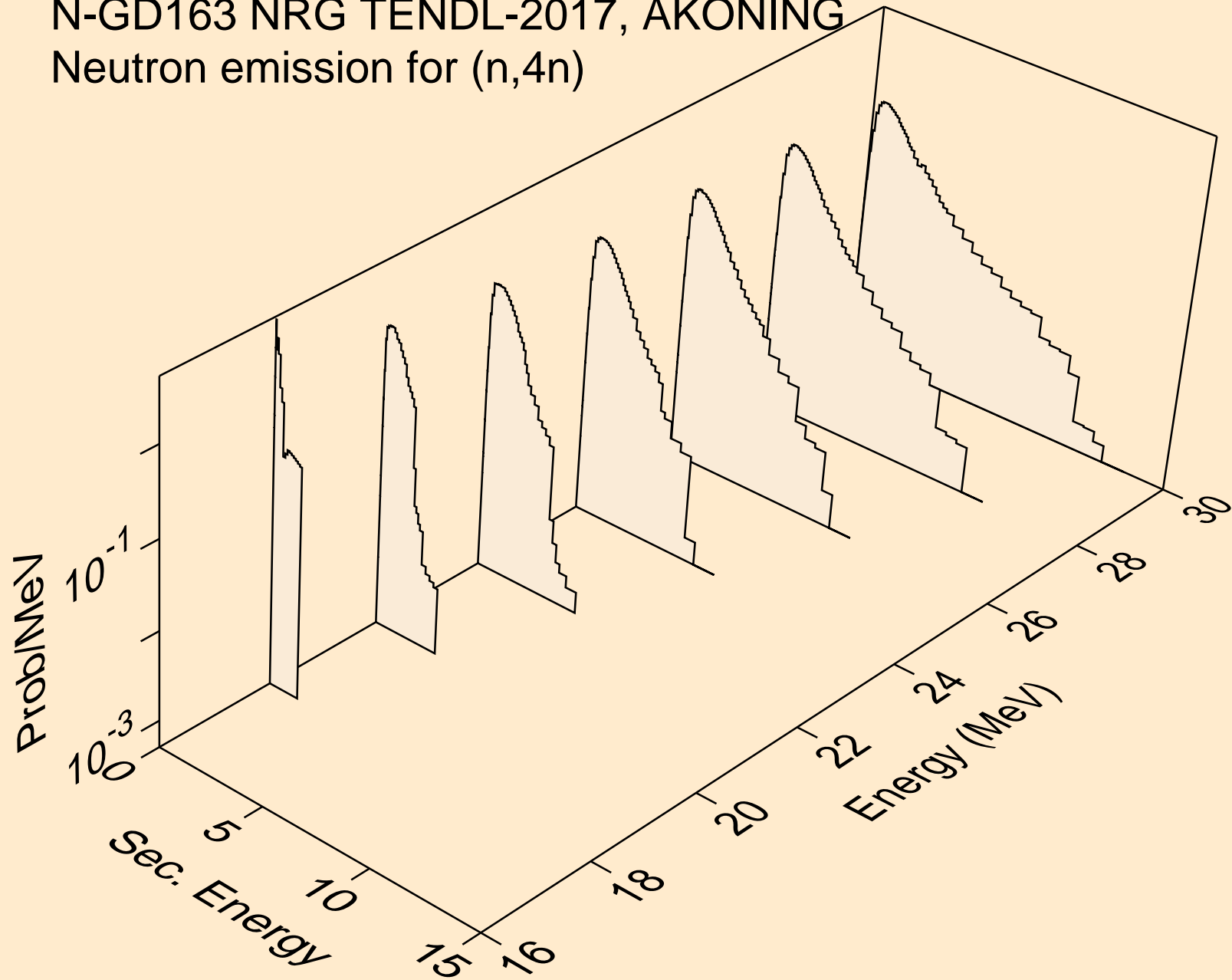
N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)t



N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*)he3

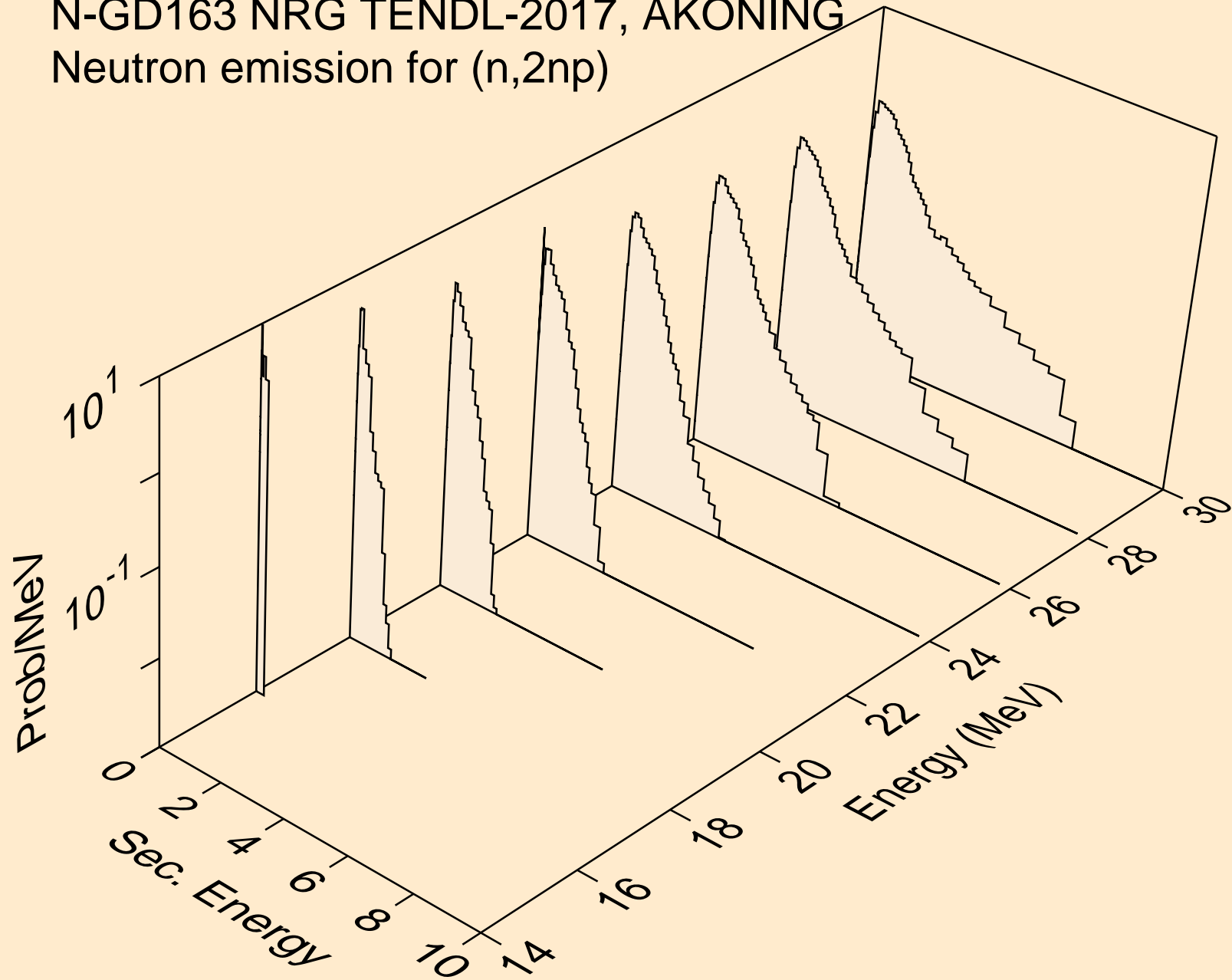


N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,4n)

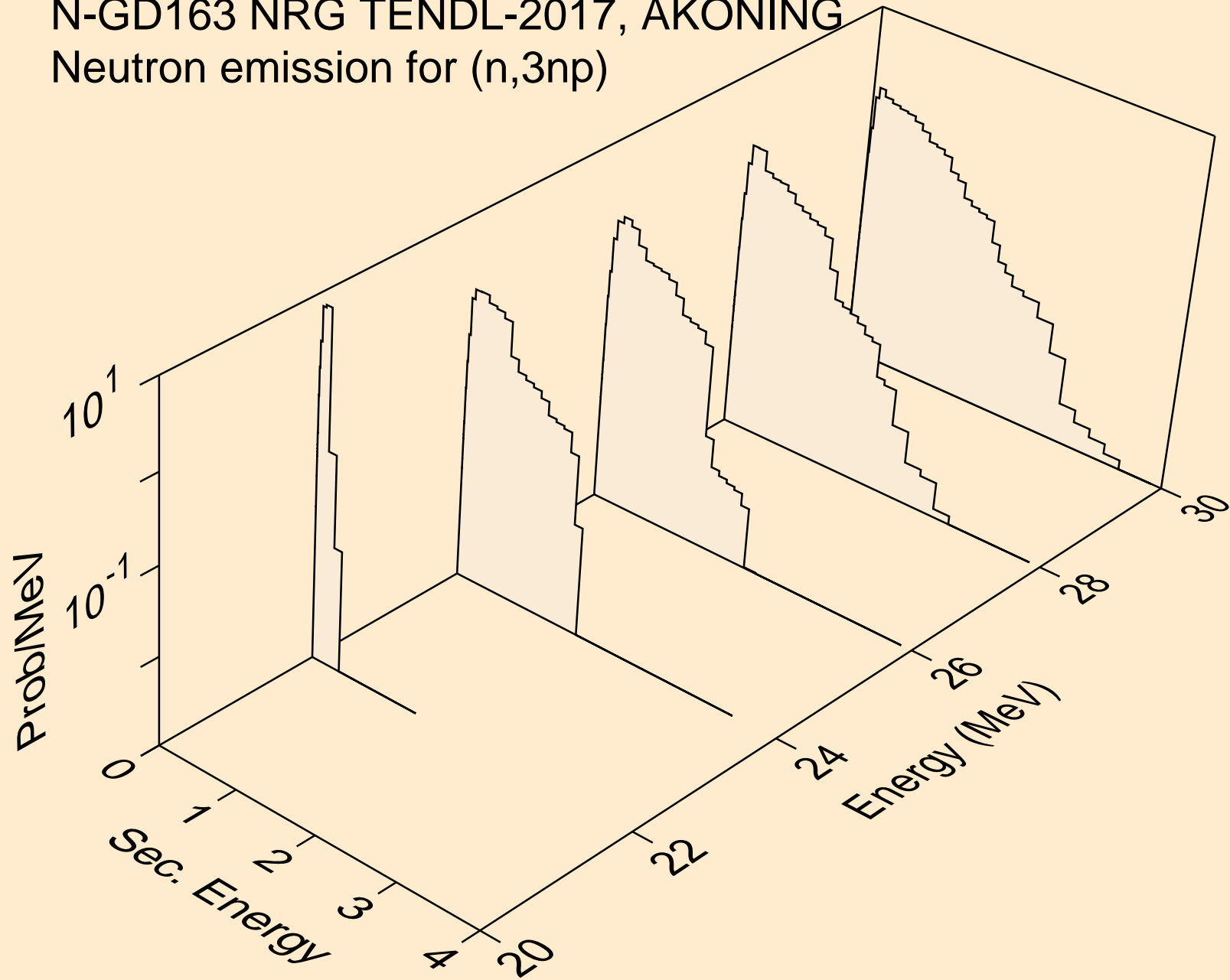




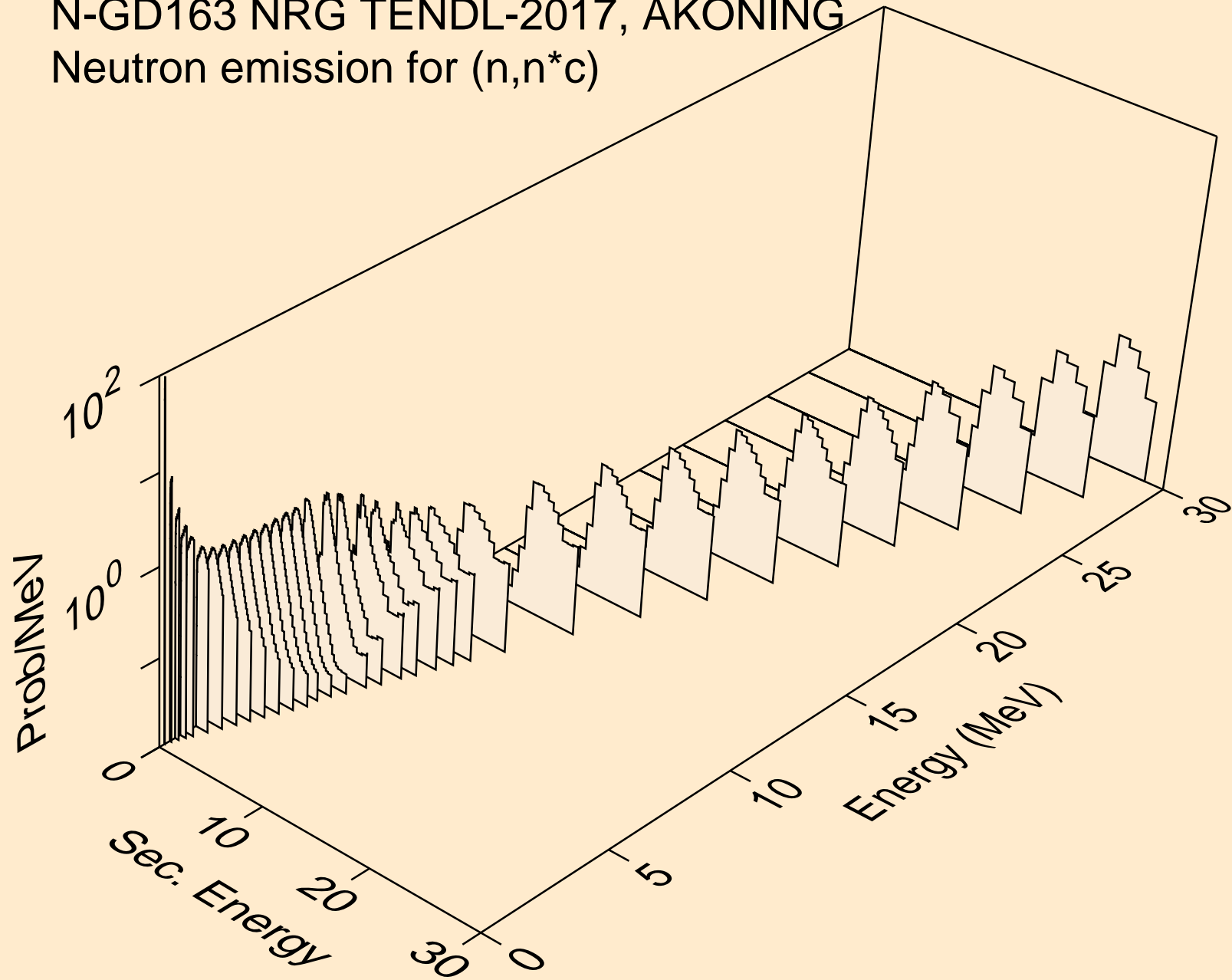
N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,2np)



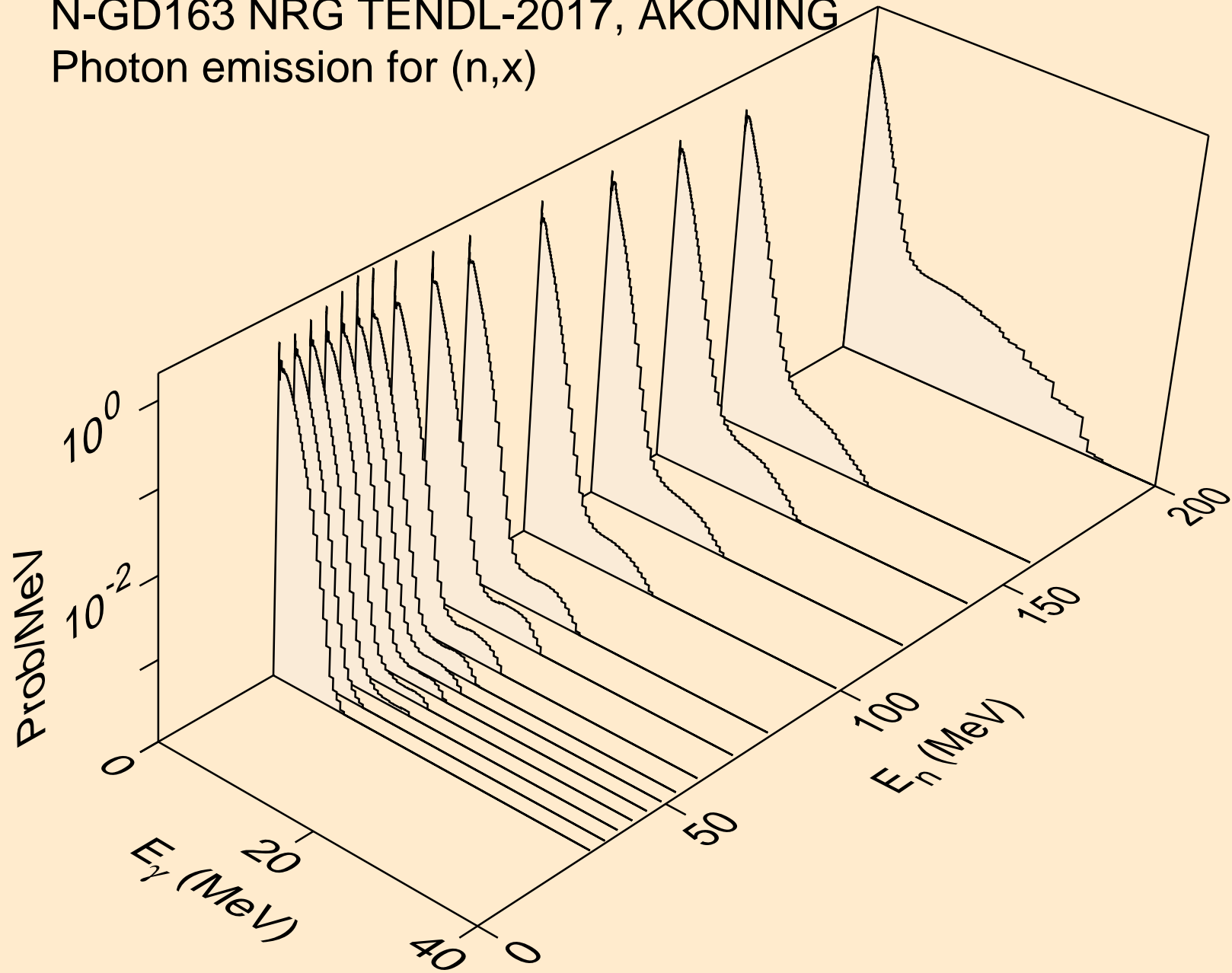
N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,3np)



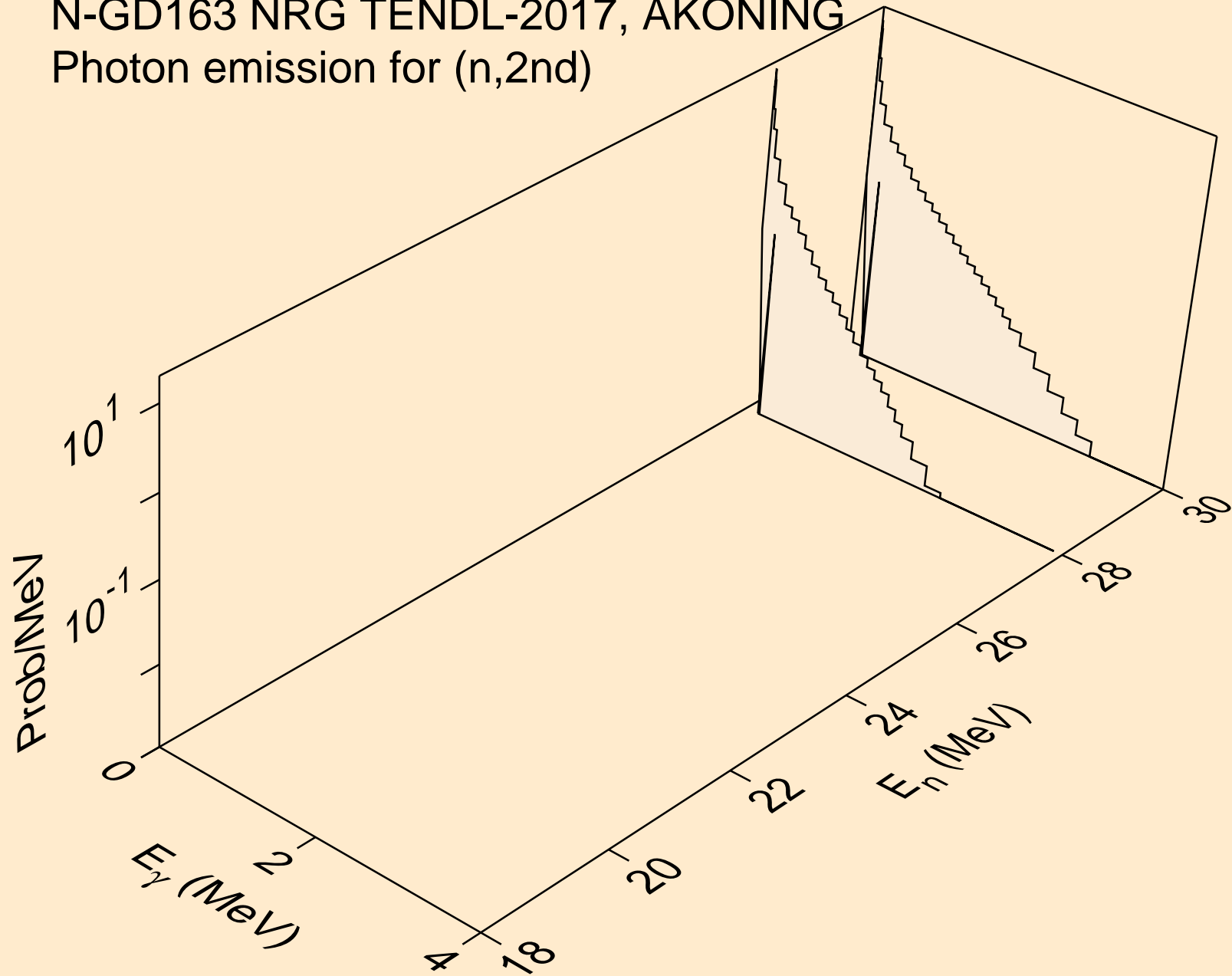
N-GD163 NRG TENDL-2017, AKONING  
Neutron emission for (n,n\*c)



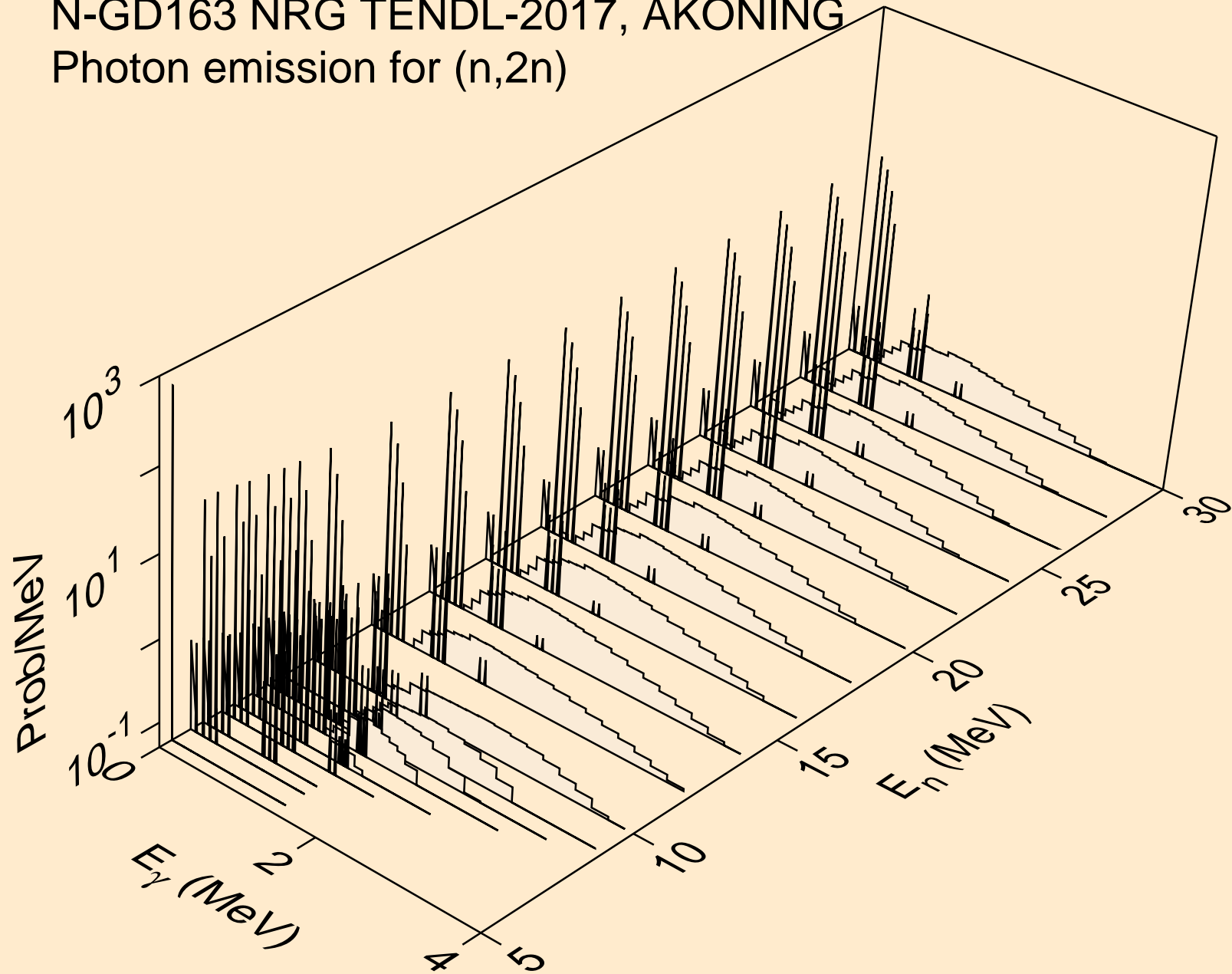
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,x)



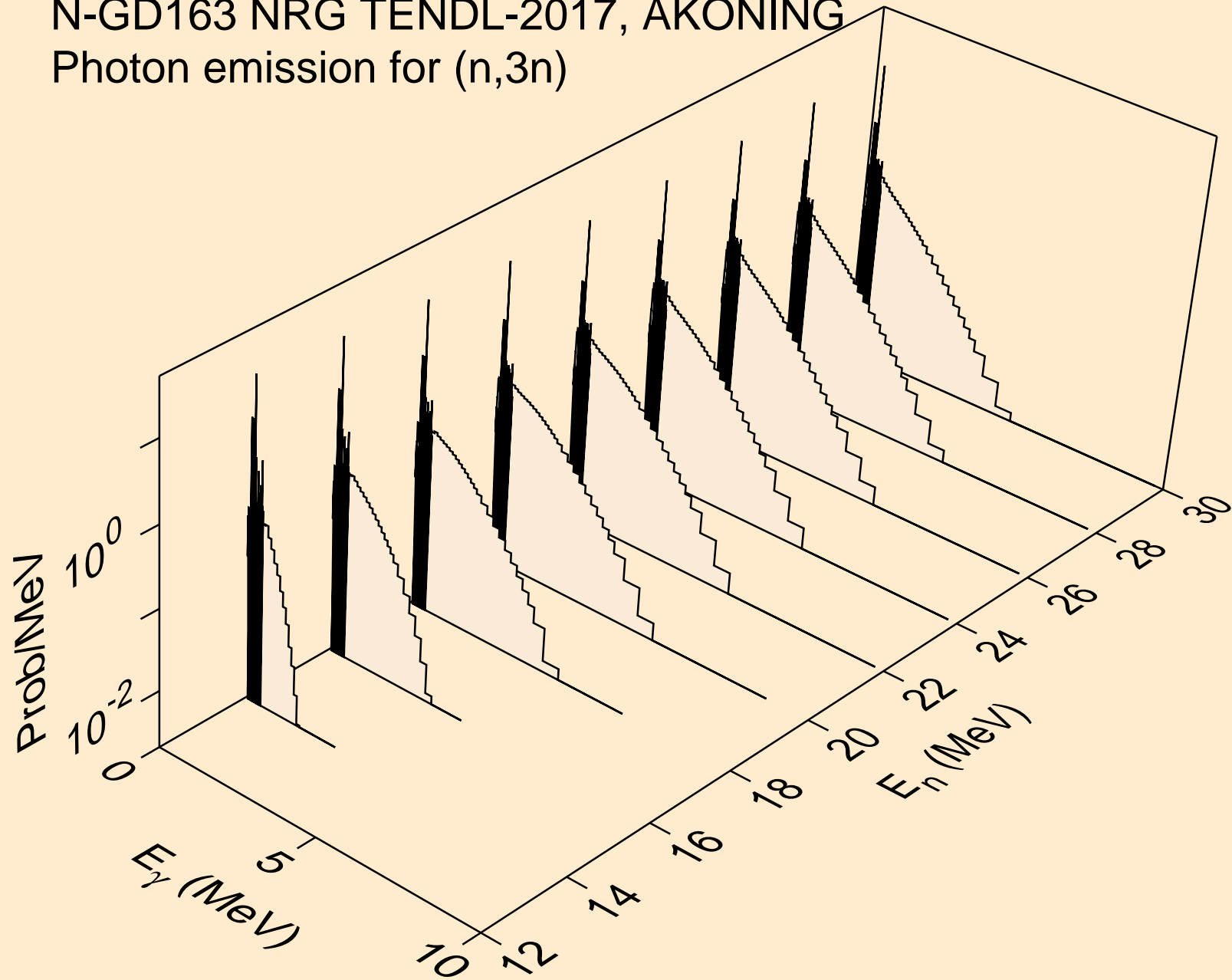
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,2nd)



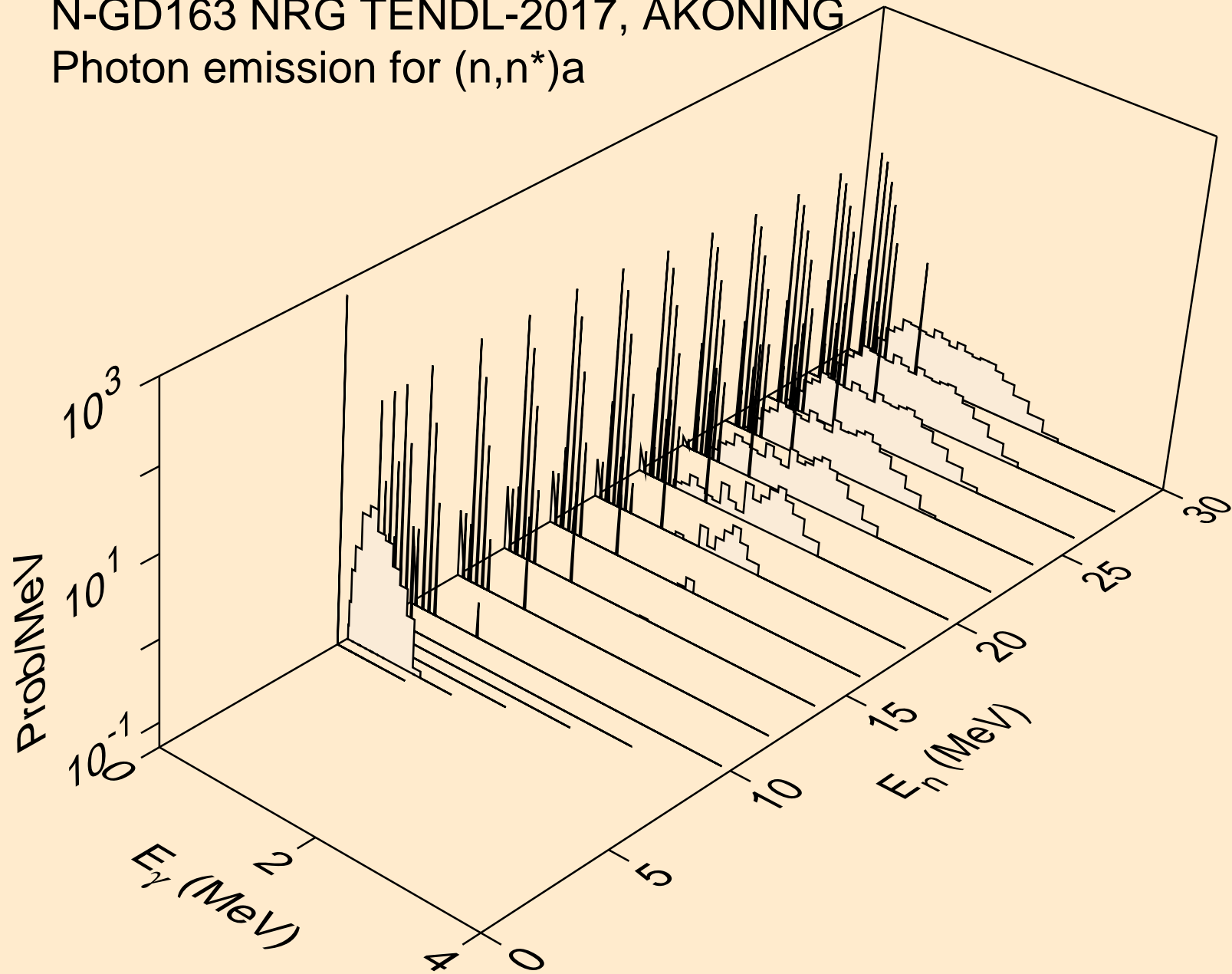
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,2n)



N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,3n)

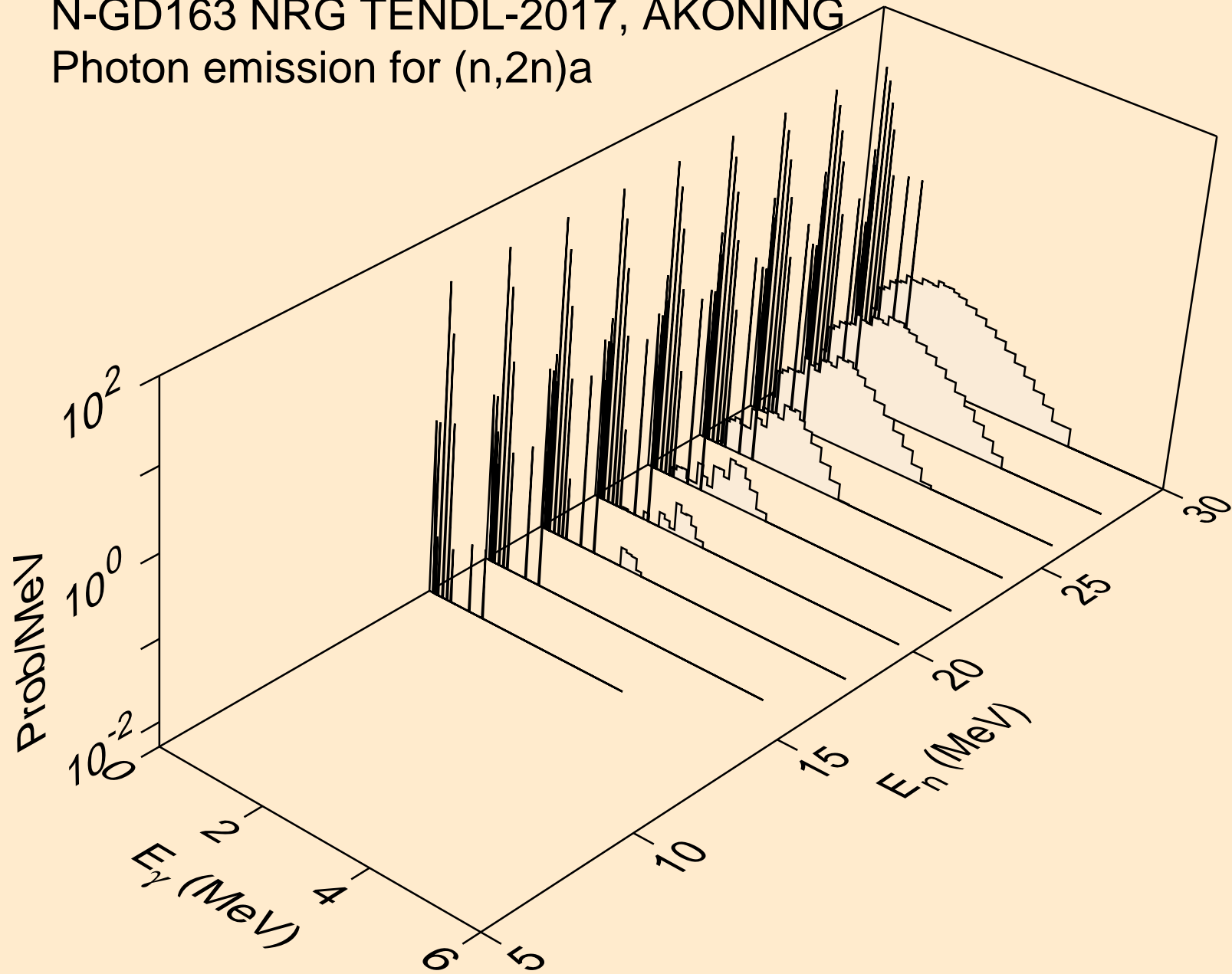


N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)a

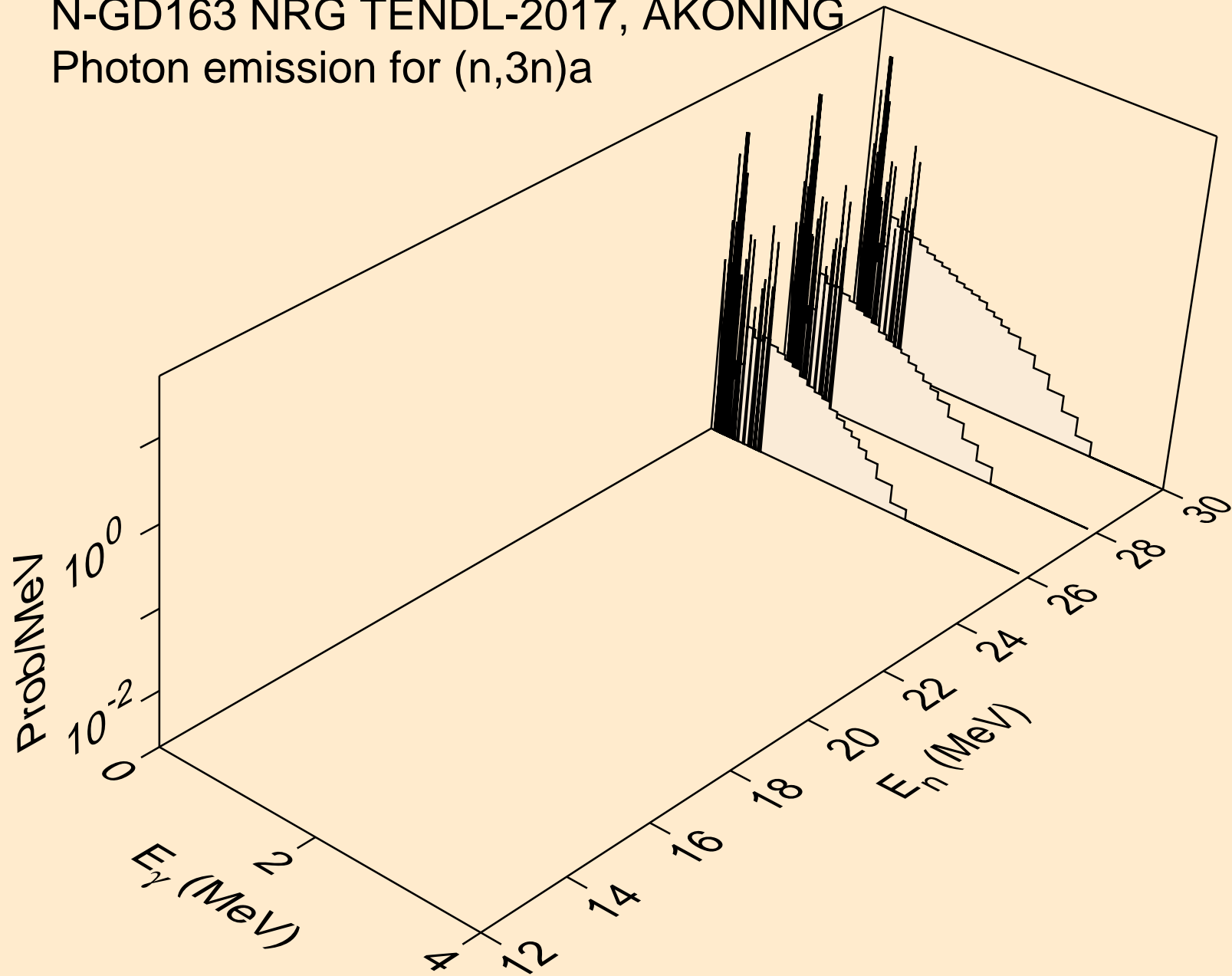




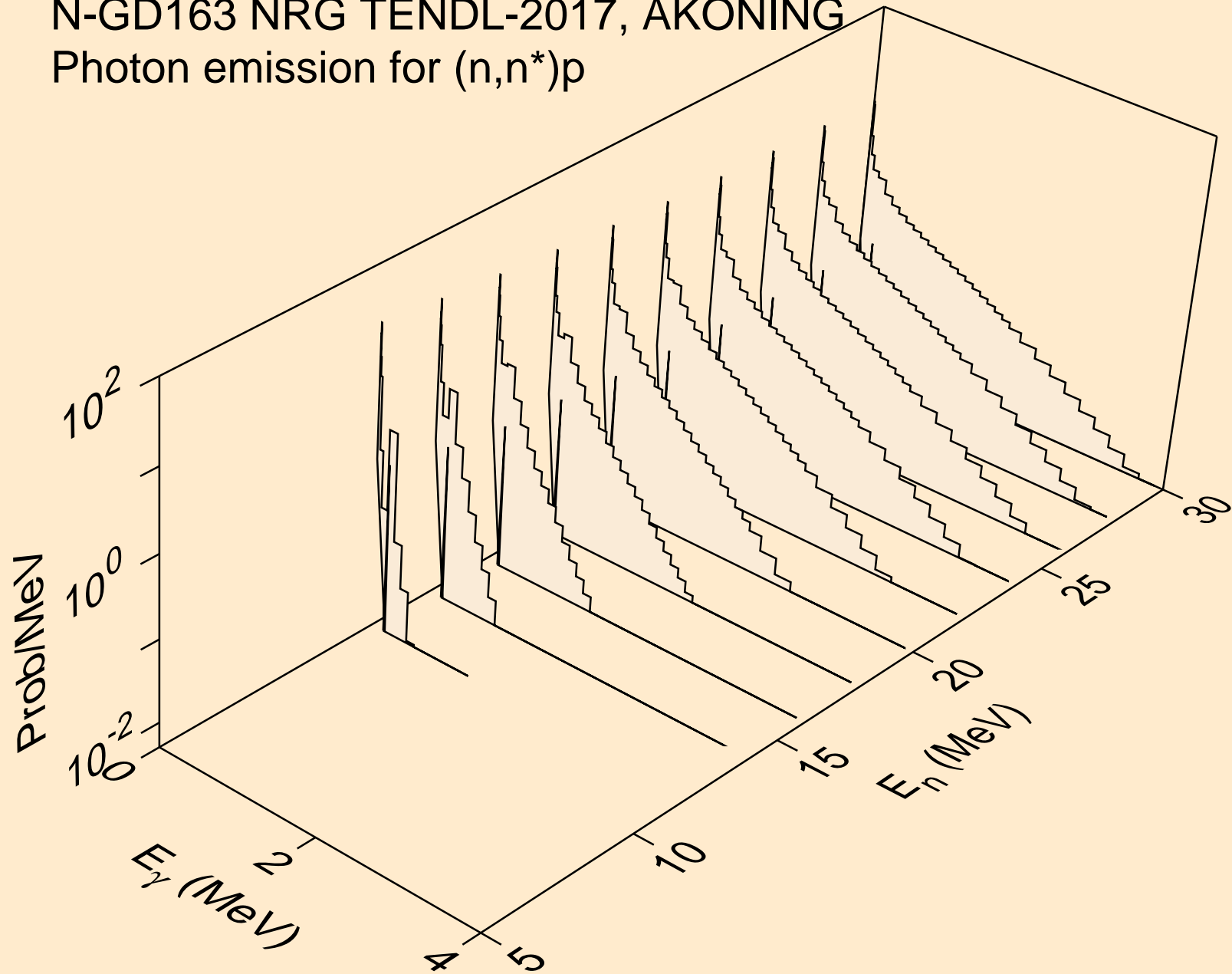
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,2n)a



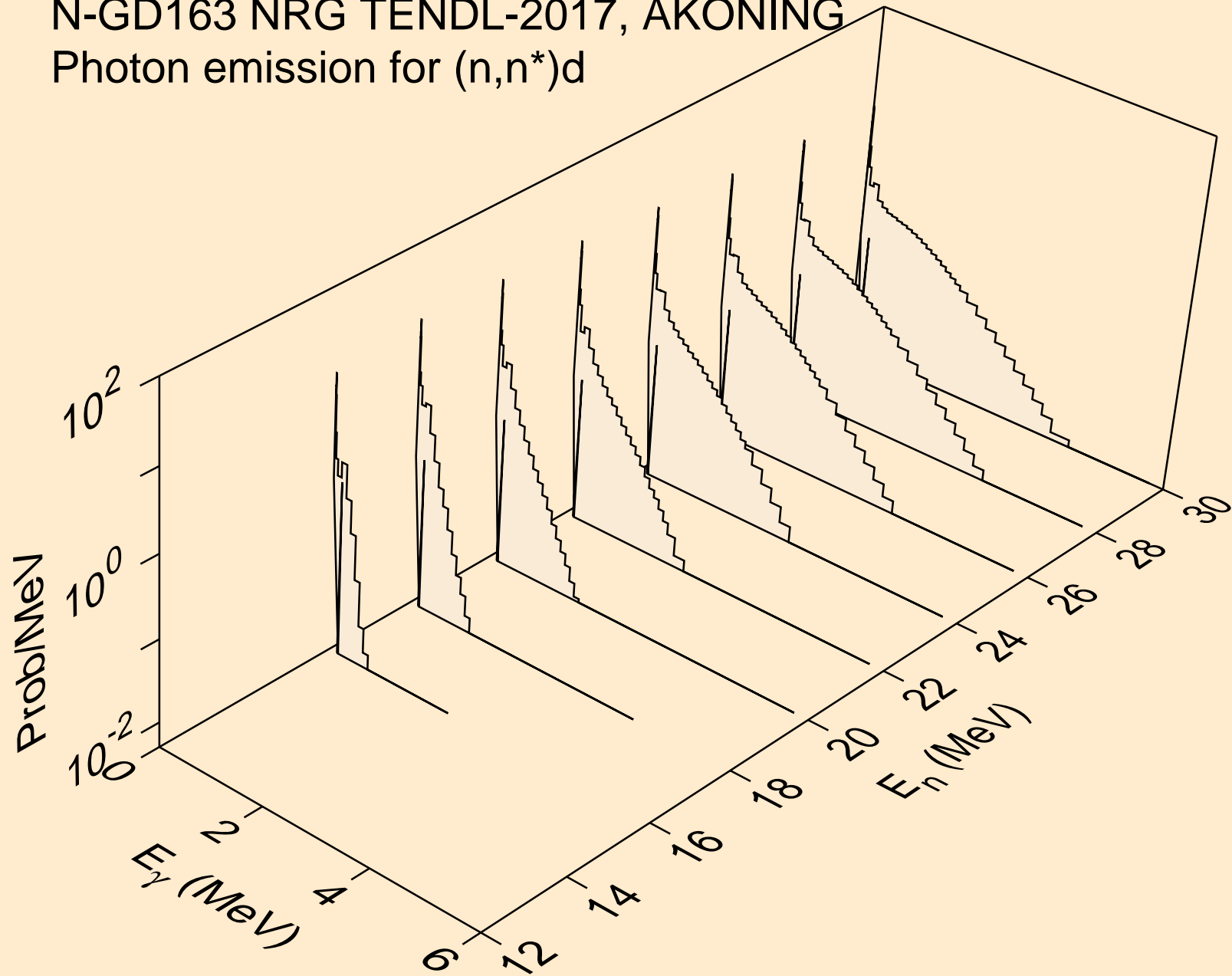
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,3n)a



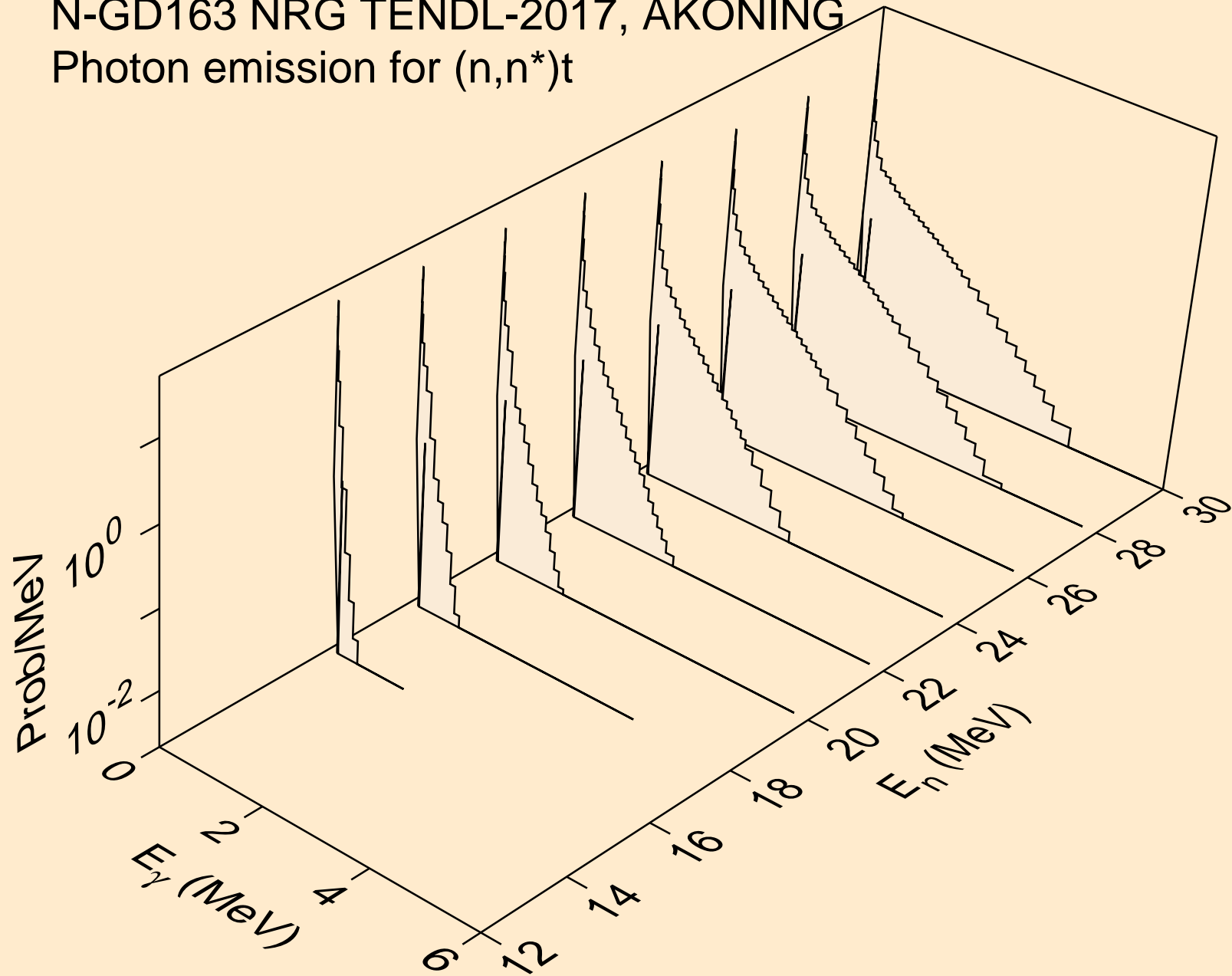
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)p



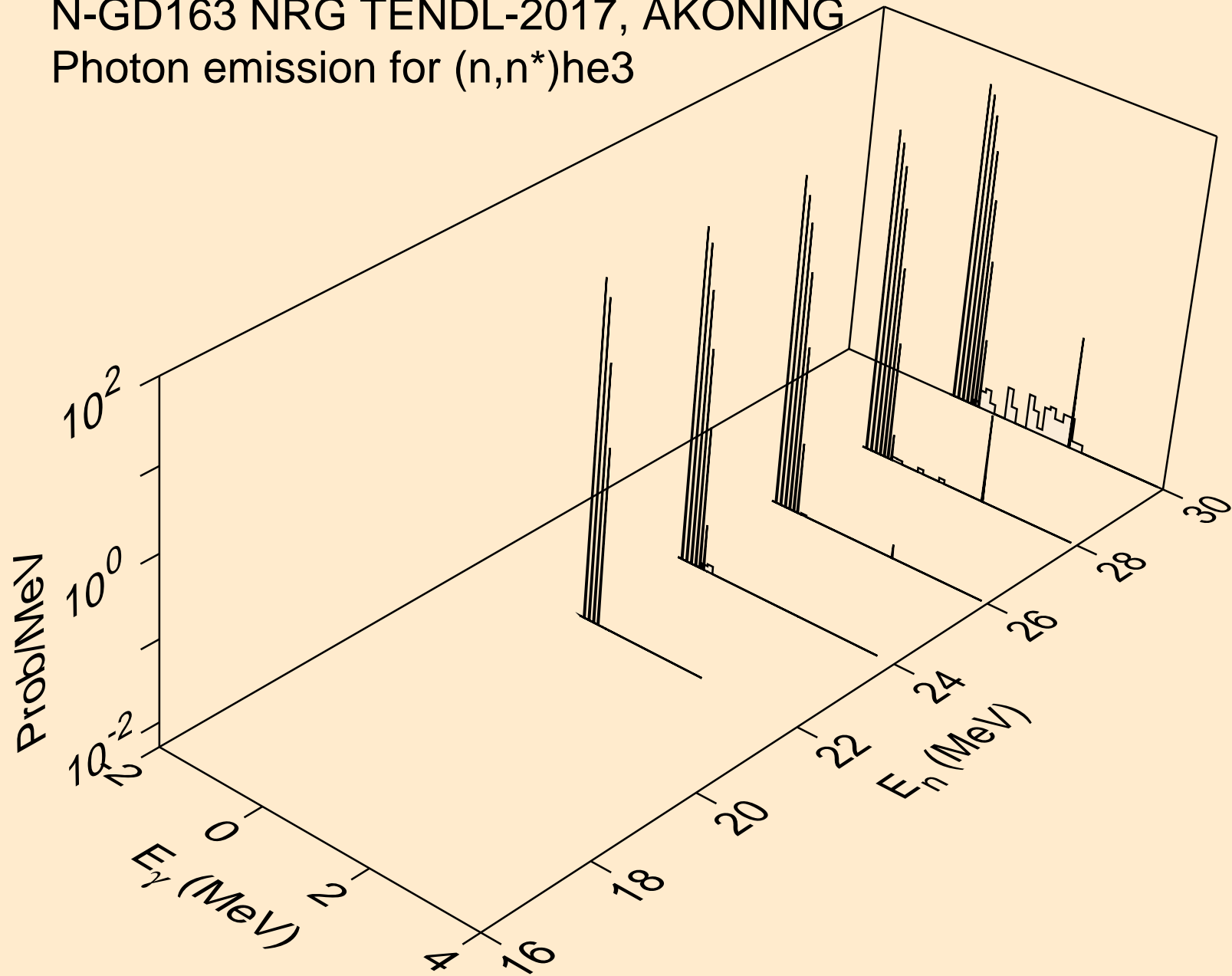
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)d



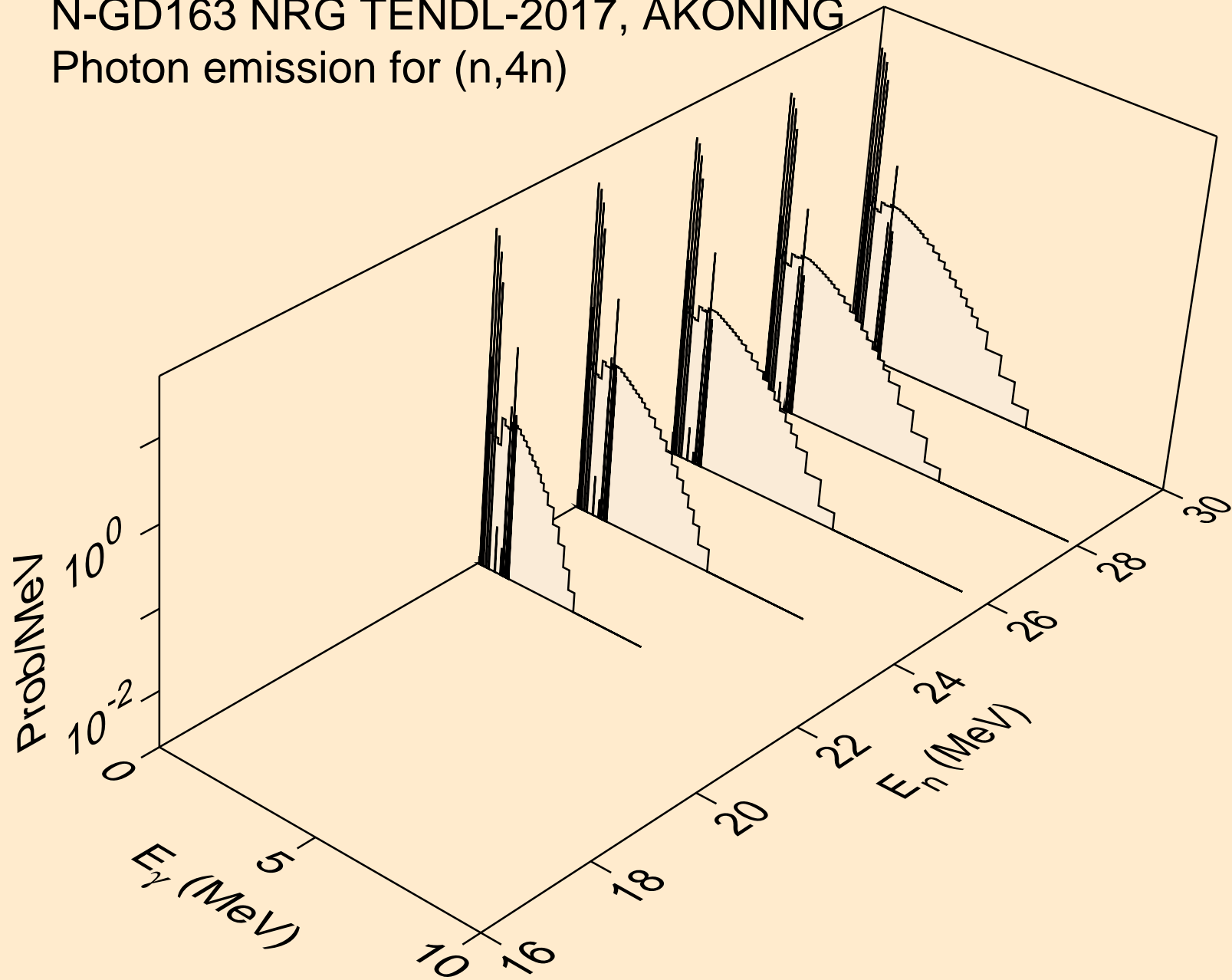
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)t



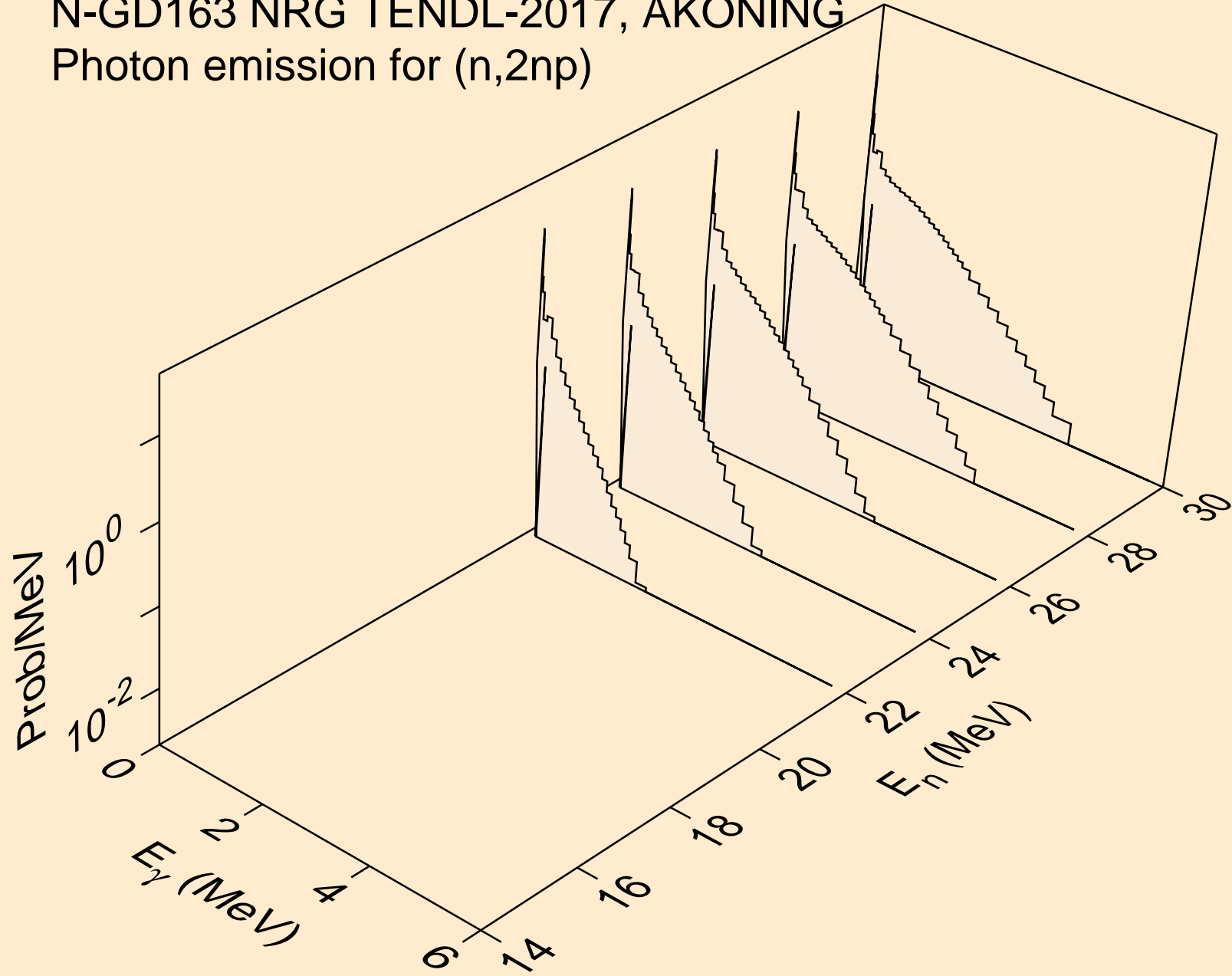
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*)he3



N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,4n)

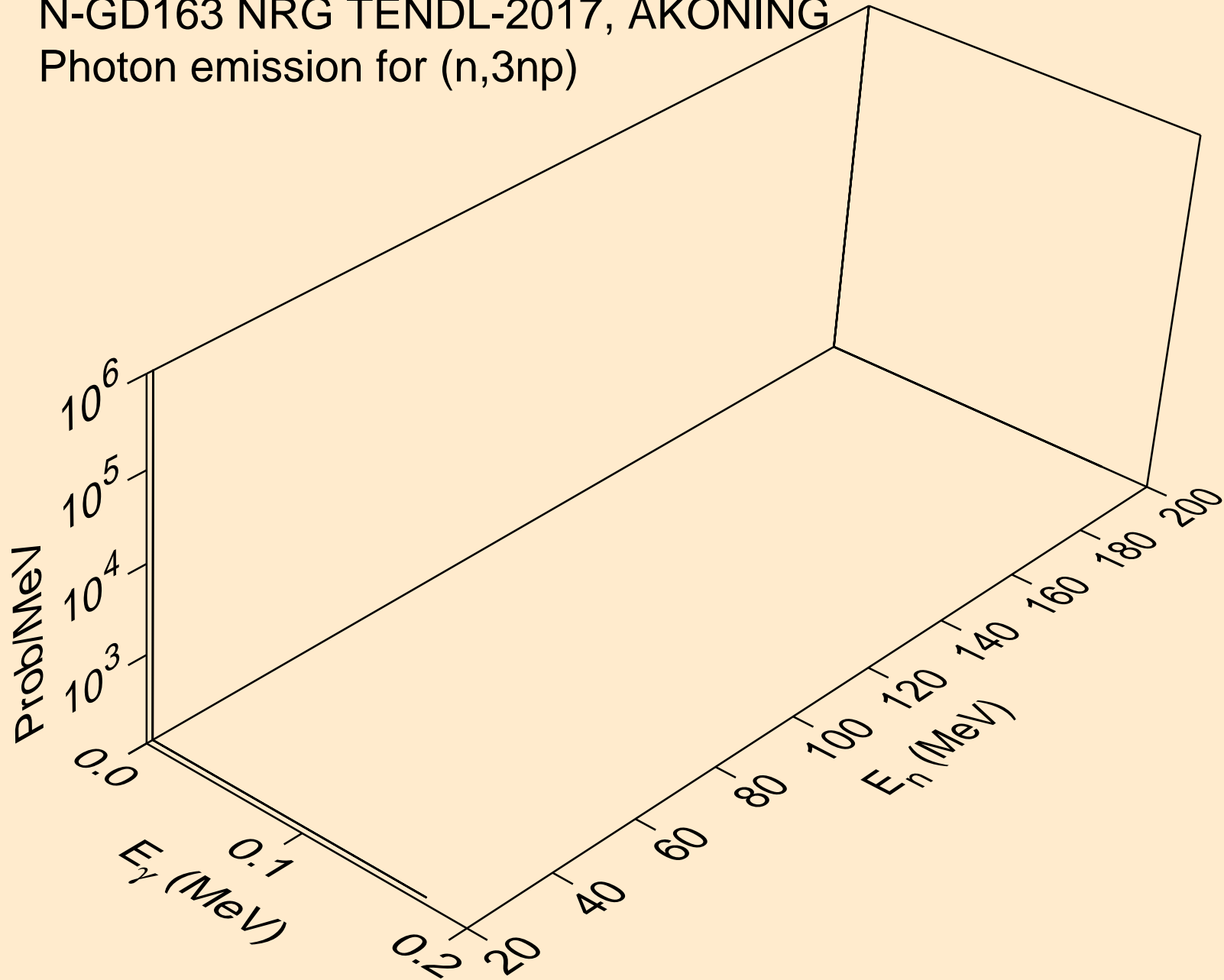


N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,2np)

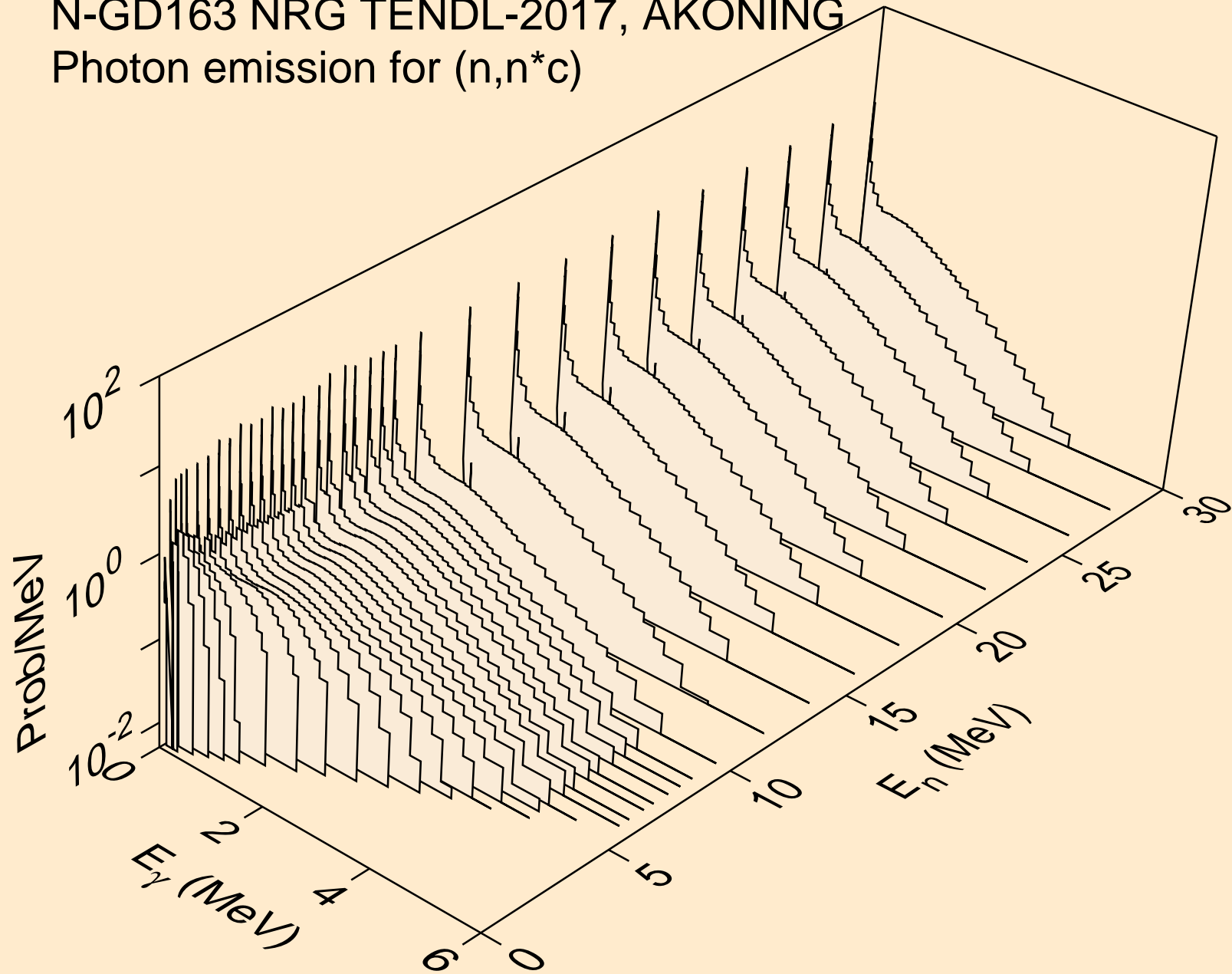




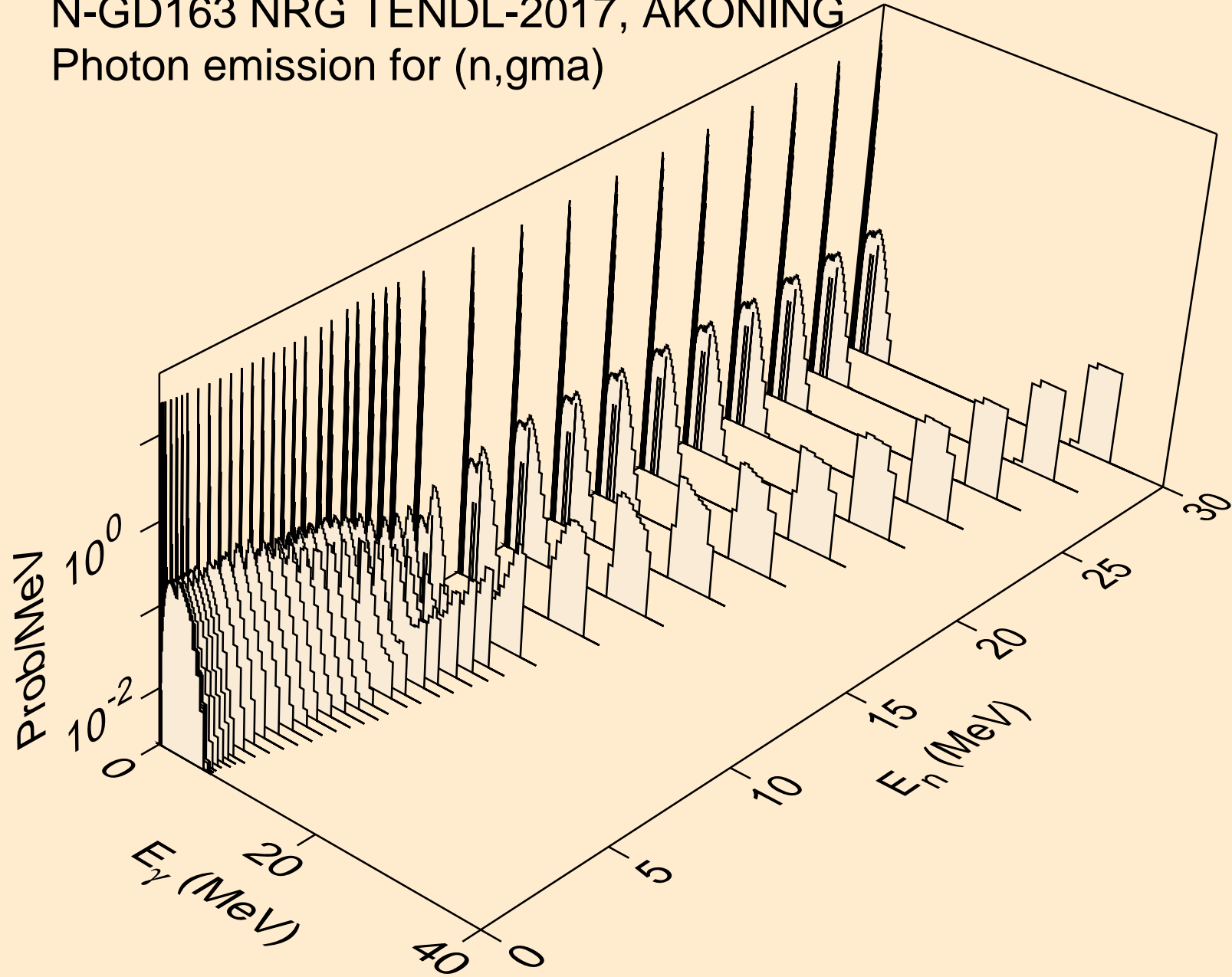
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,3np)



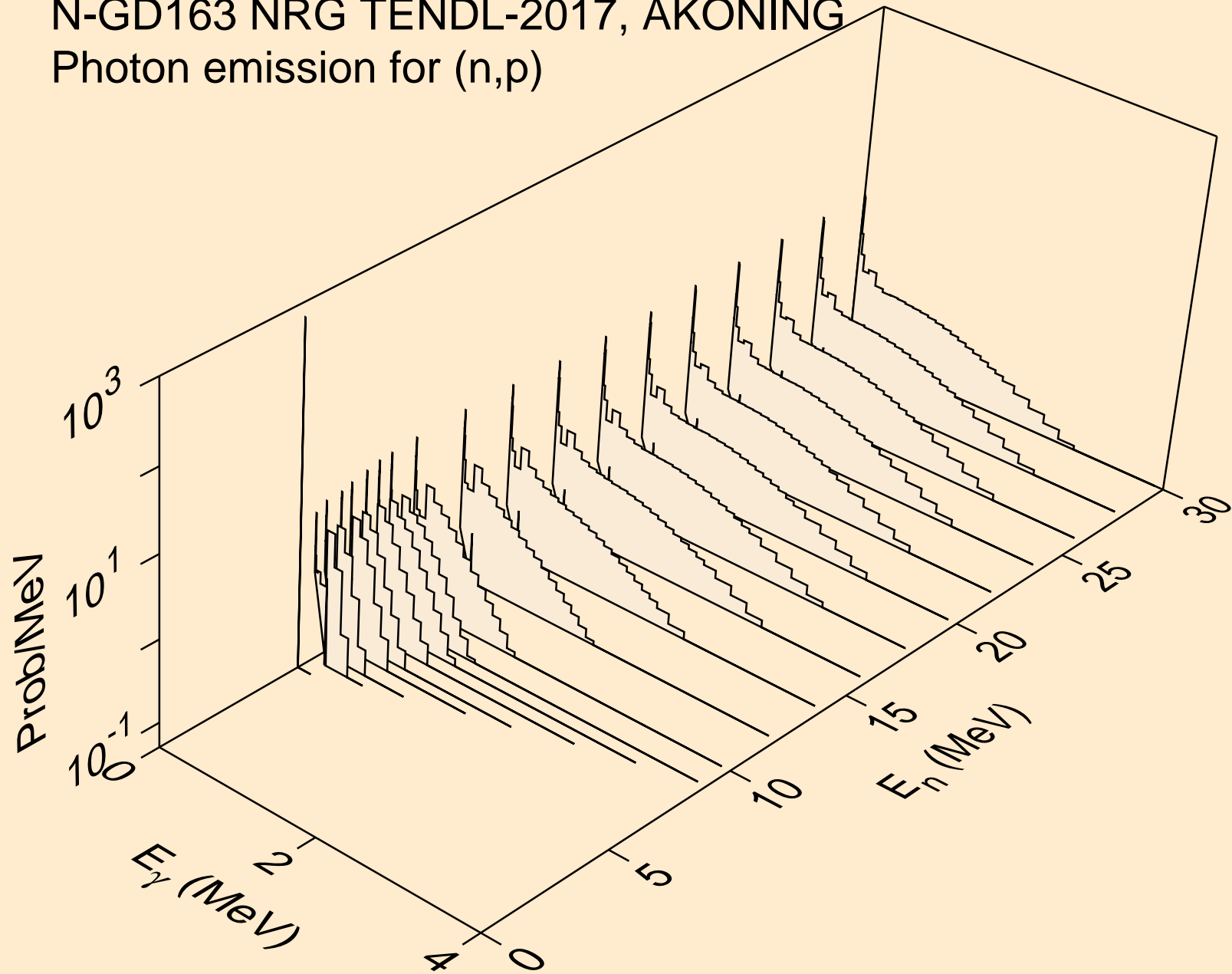
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,n\*c)



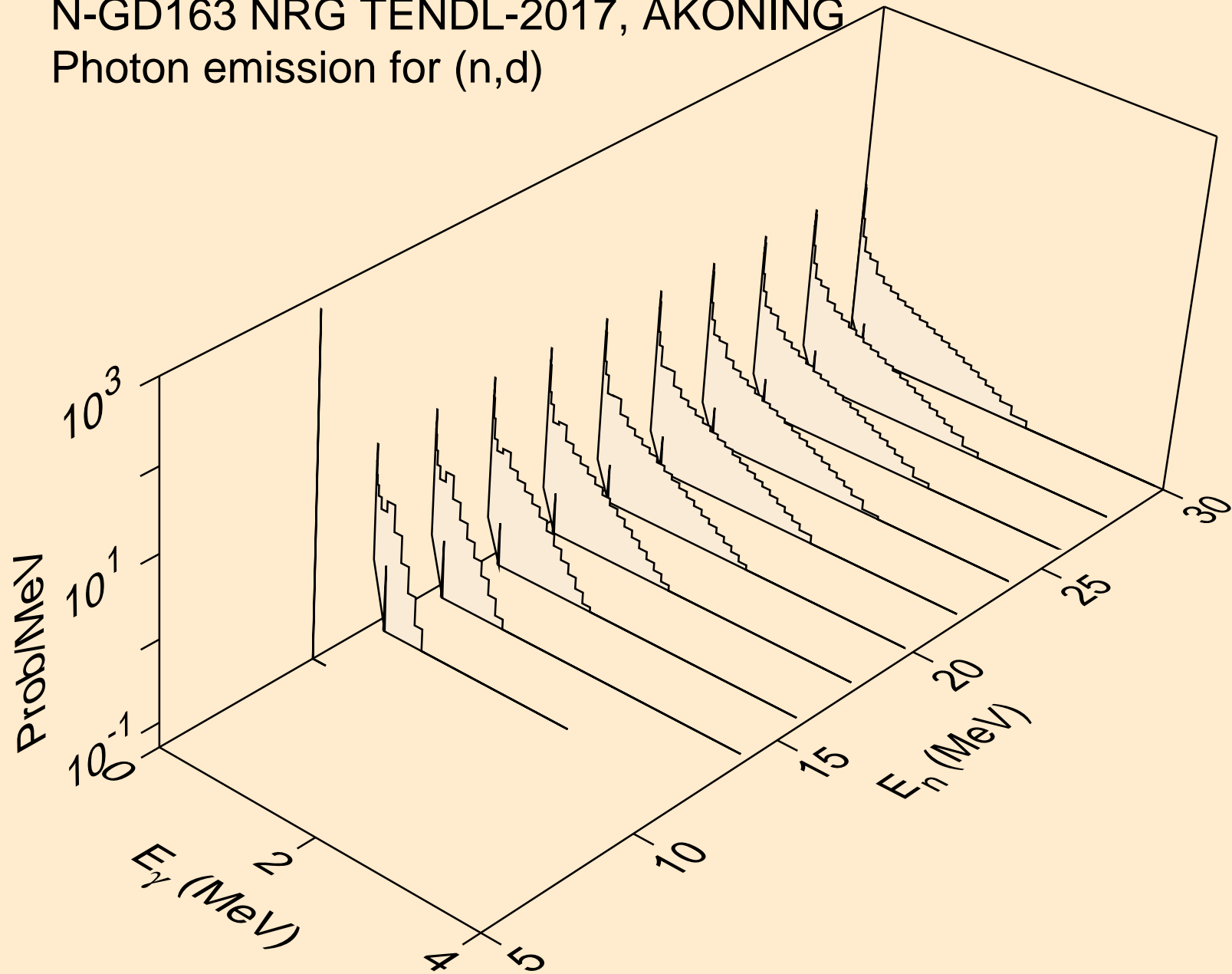
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,gma)



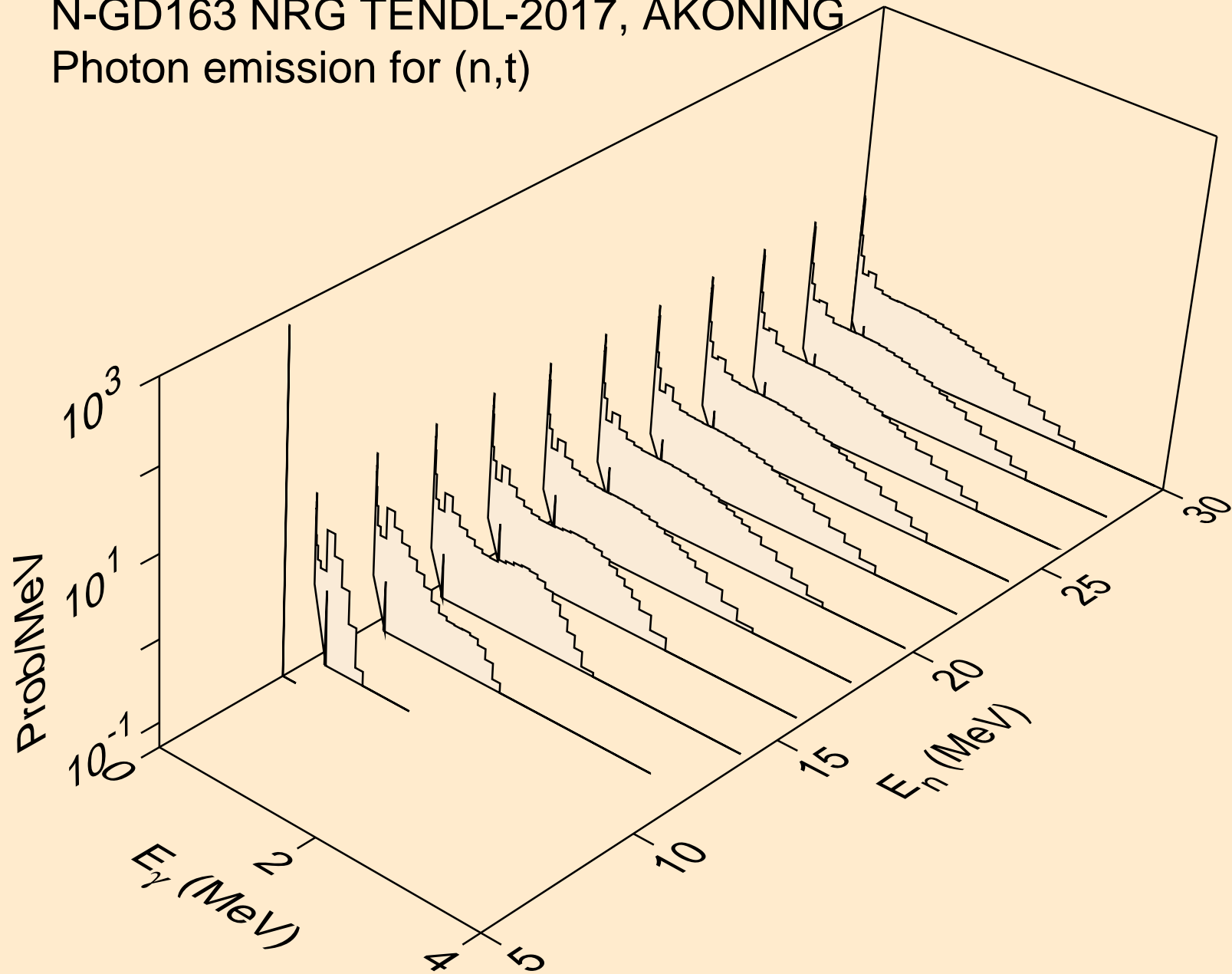
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,p)



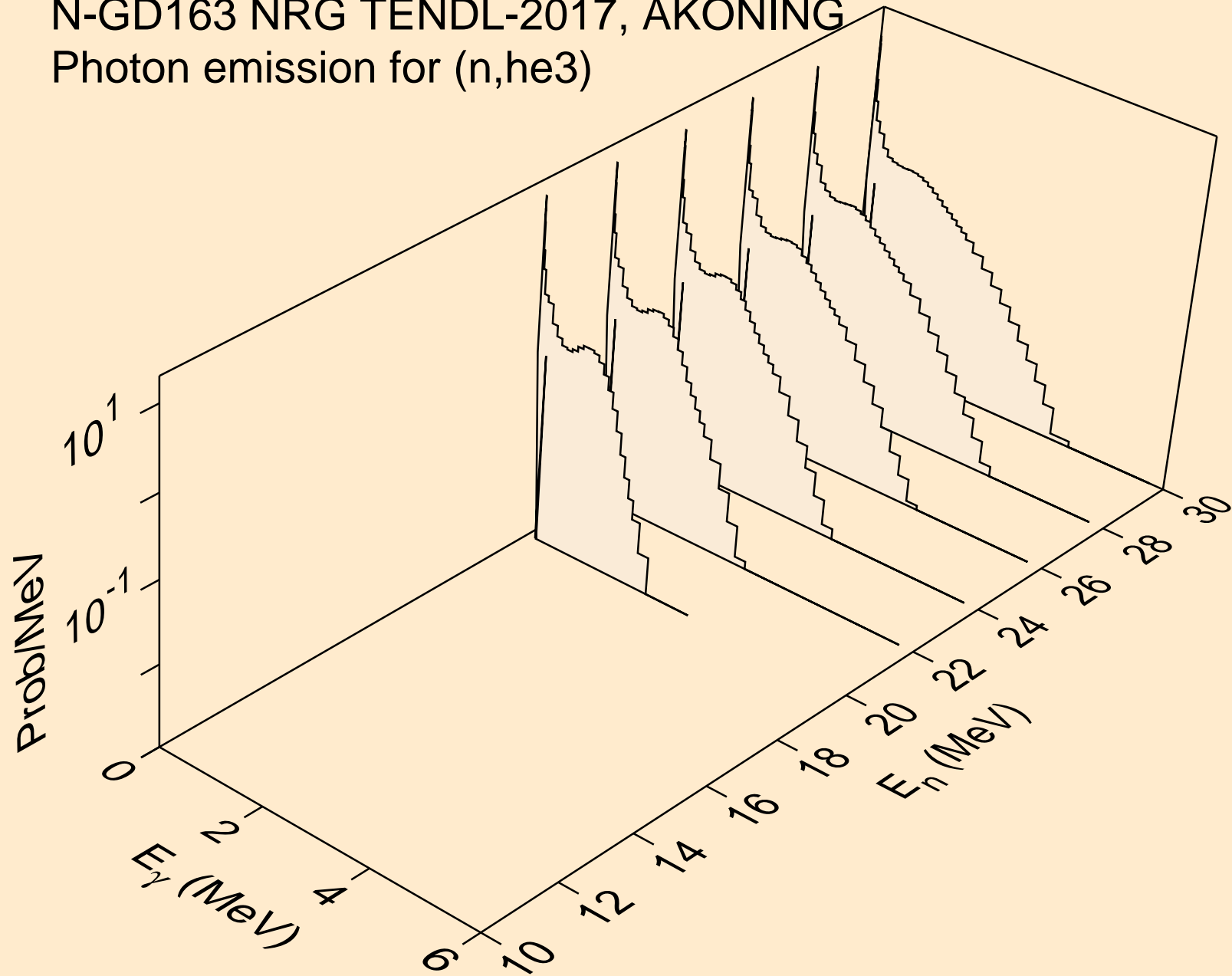
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,d)



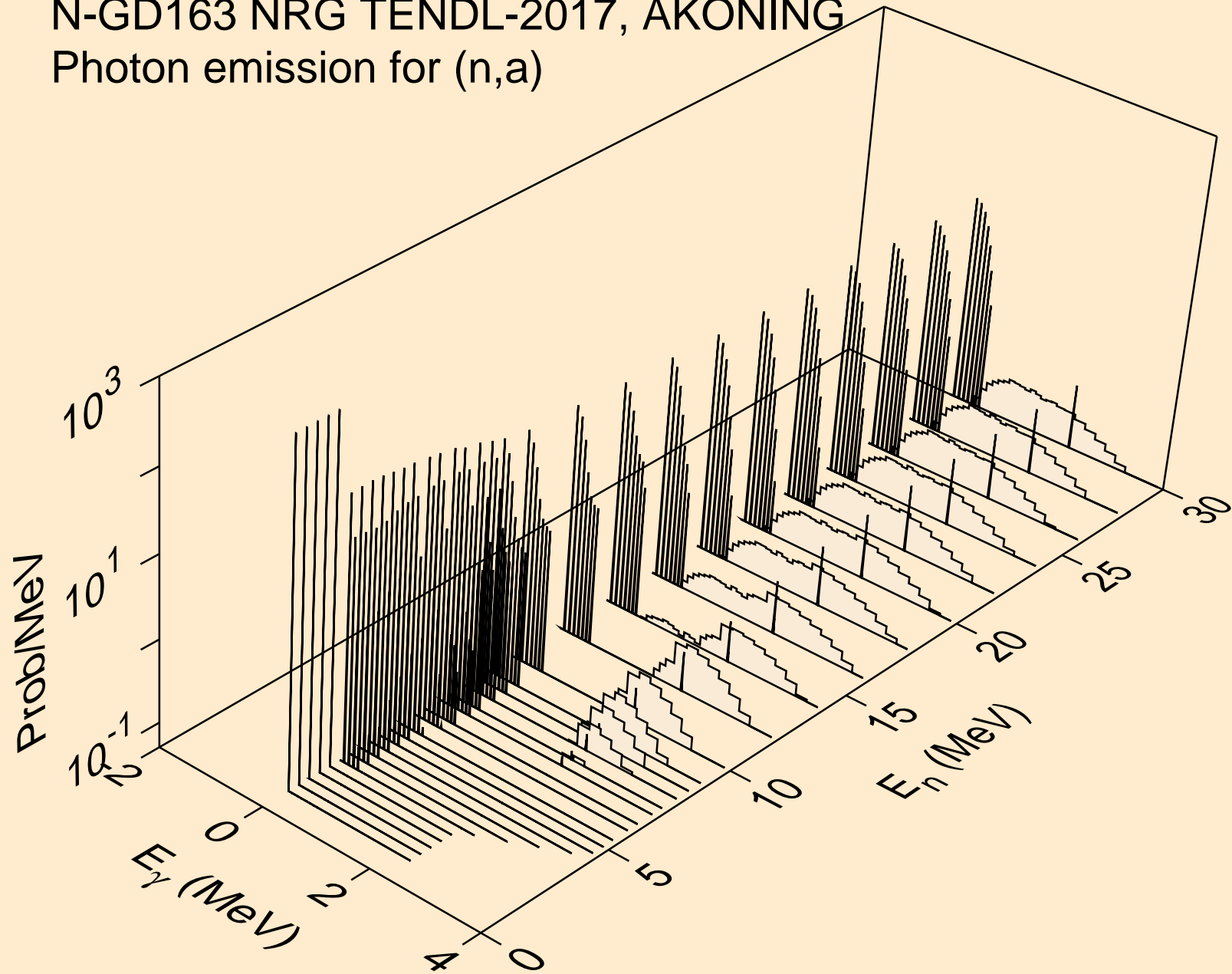
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,t)



N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,he3)

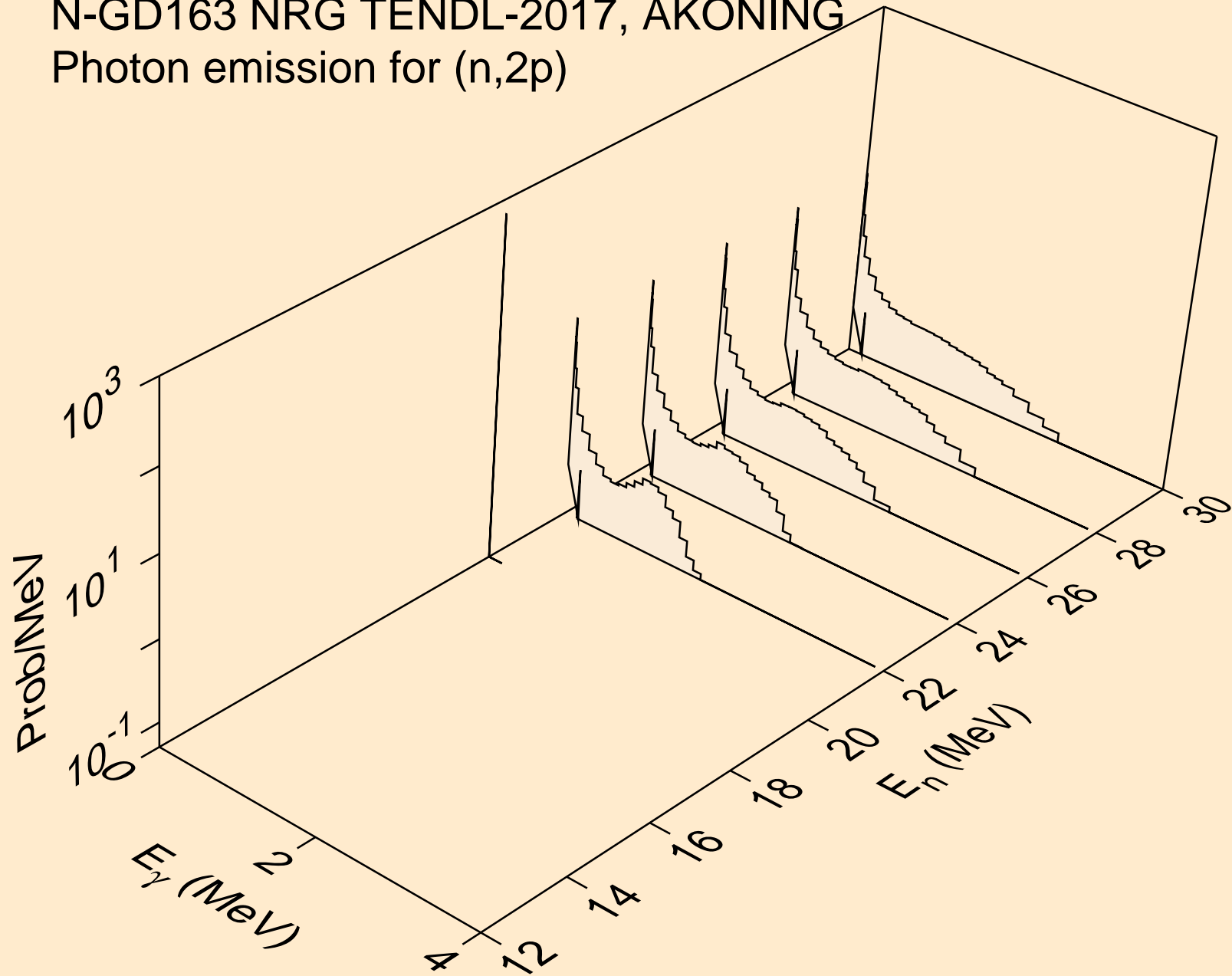


N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,a)

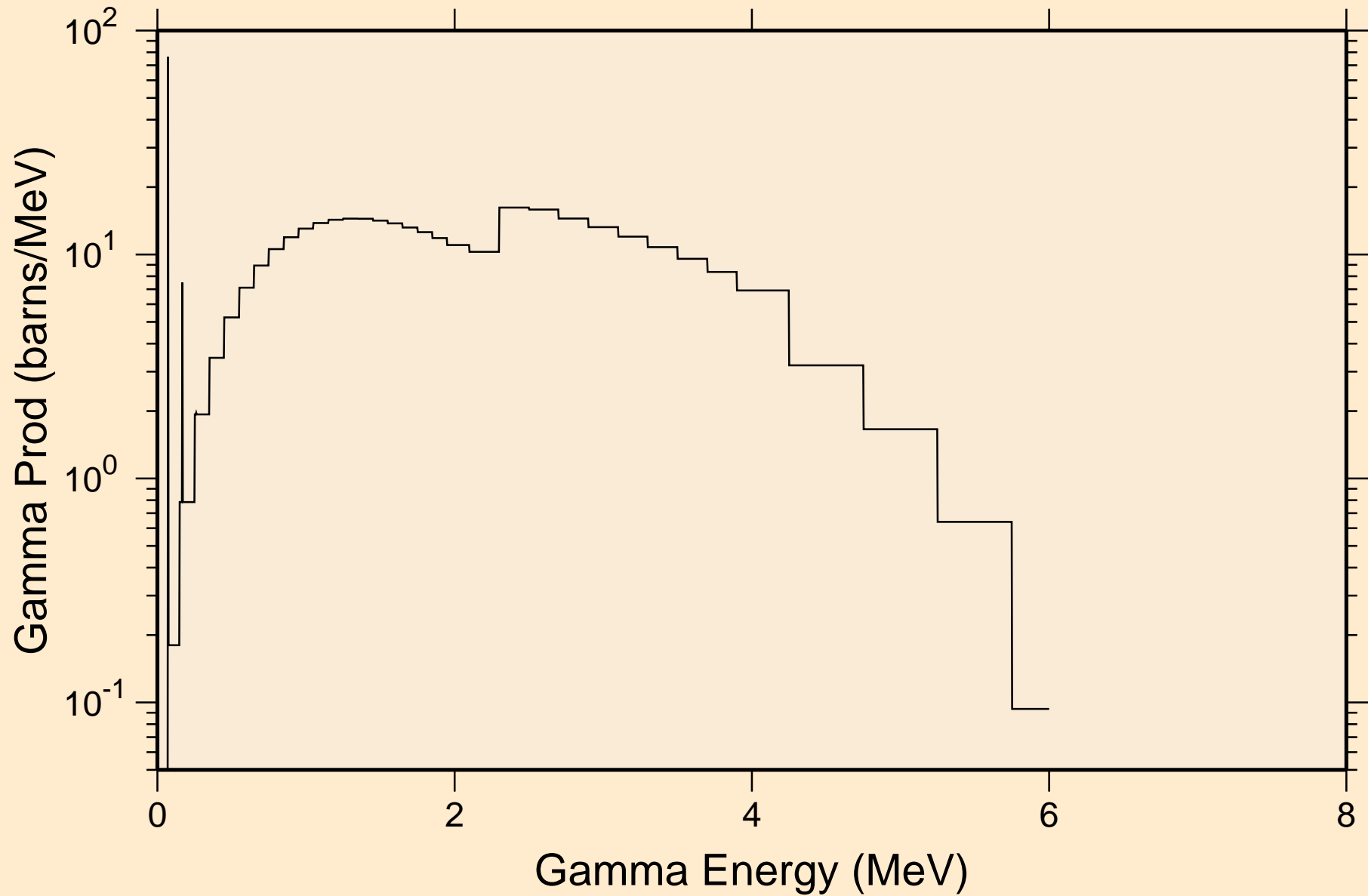




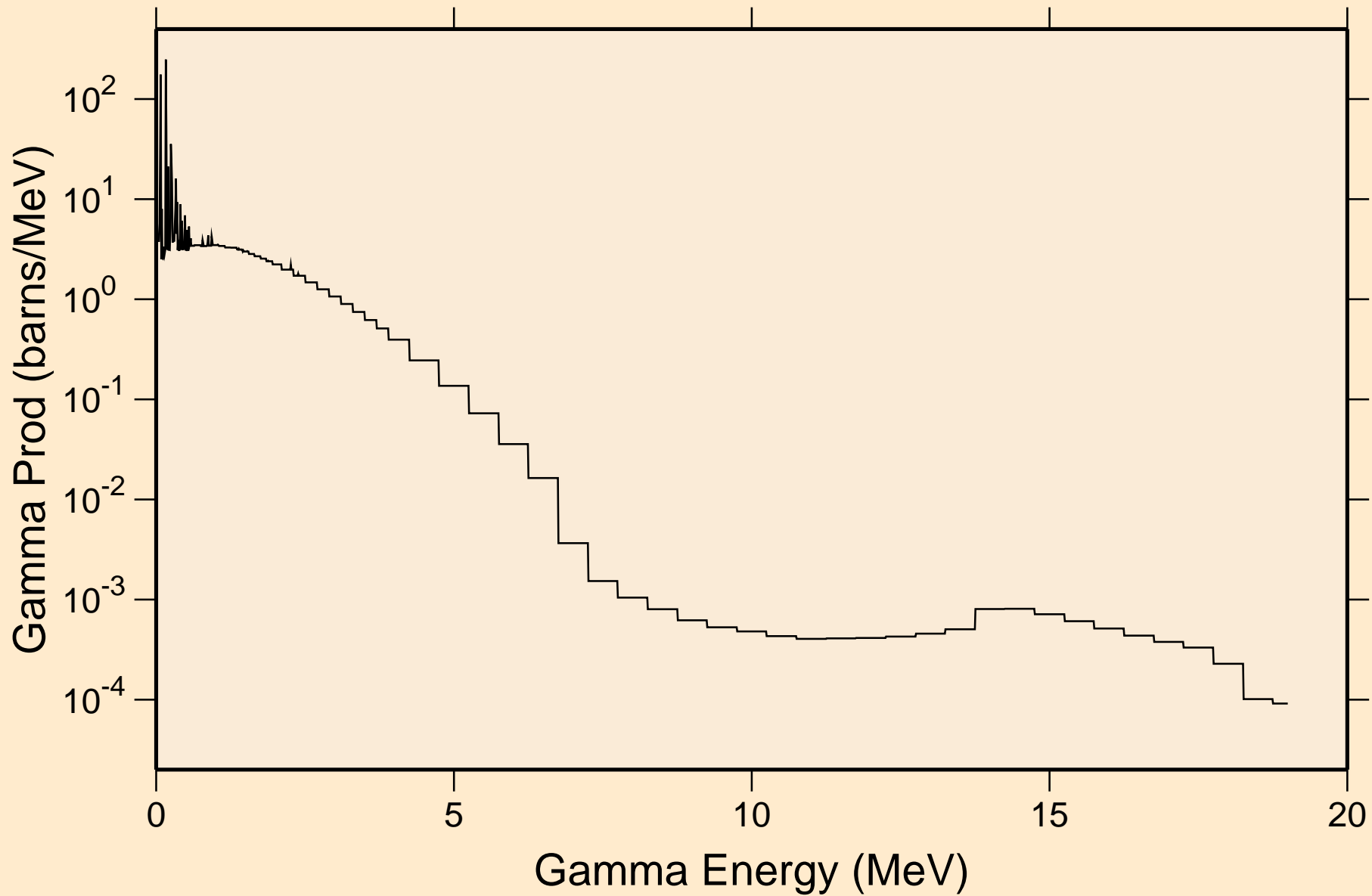
N-GD163 NRG TENDL-2017, AKONING  
Photon emission for (n,2p)



N-GD163 NRG TENDL-2017, AKONING  
thermal capture photon spectrum

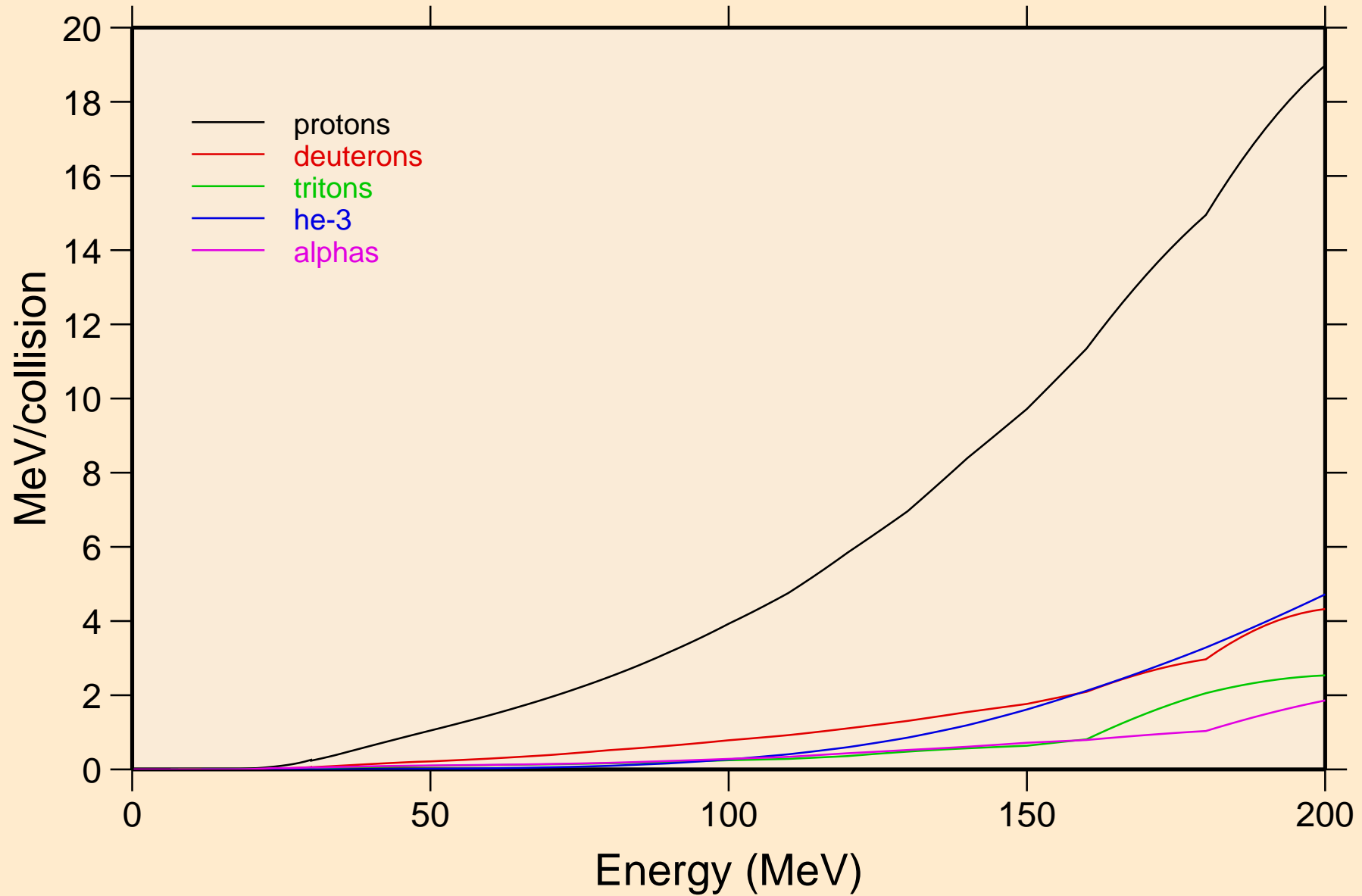


N-GD163 NRG TENDL-2017, AKONING  
14 MeV photon spectrum



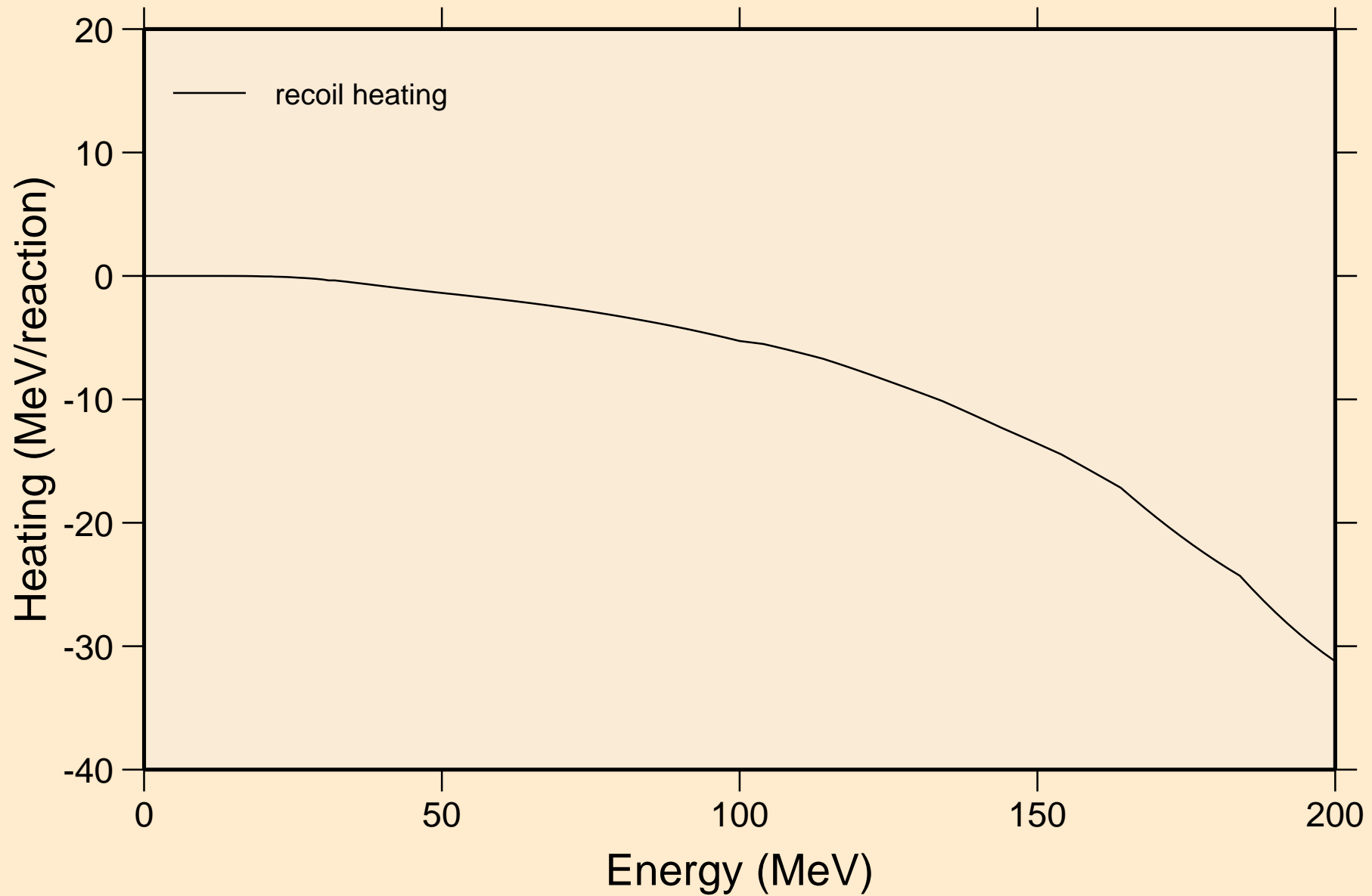
# N-GD163 NRG TENDL-2017, AKONING

## Particle heating contributions



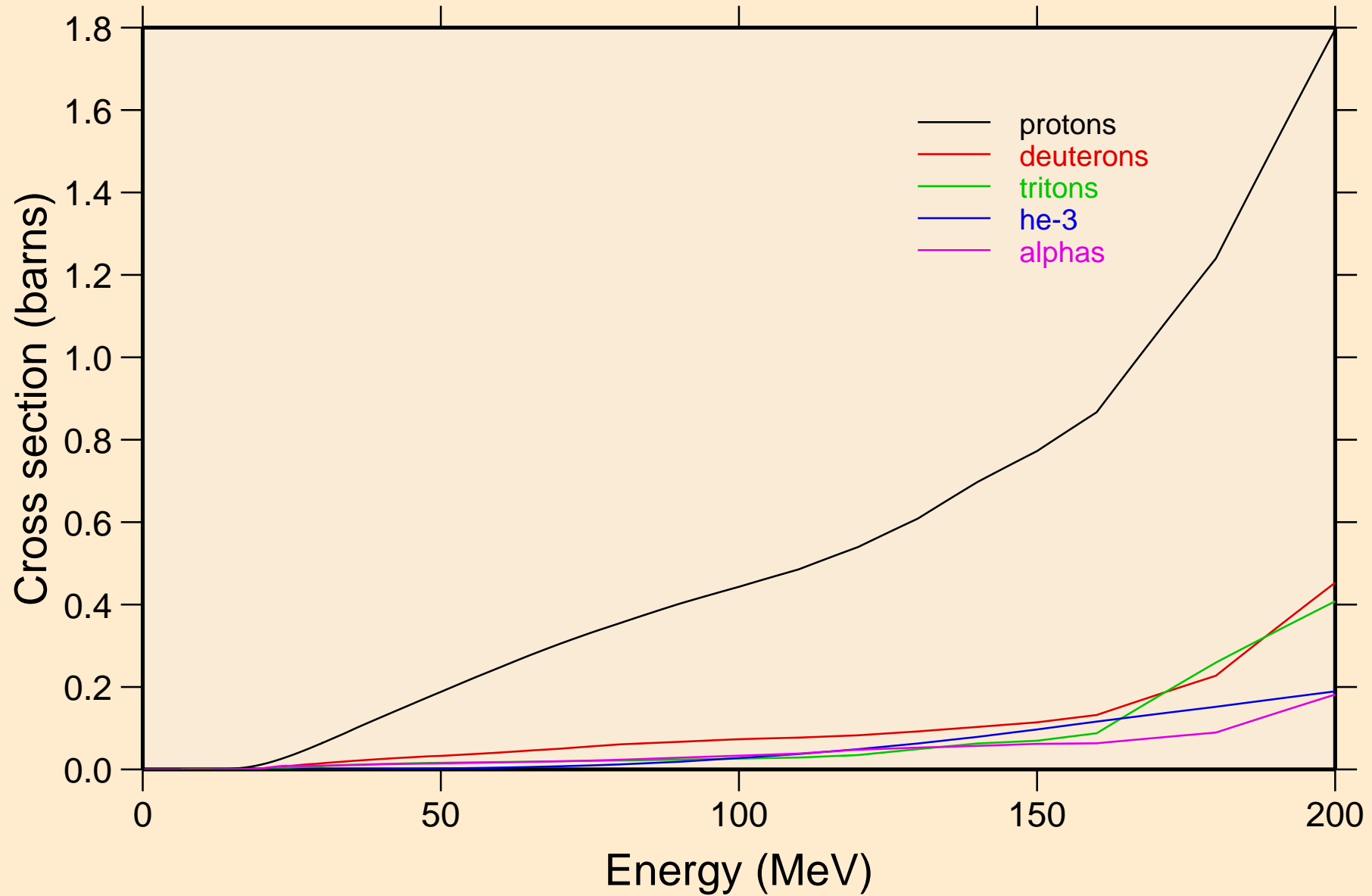
# N-GD163 NRG TENDL-2017, AKONING

## Recoil Heating

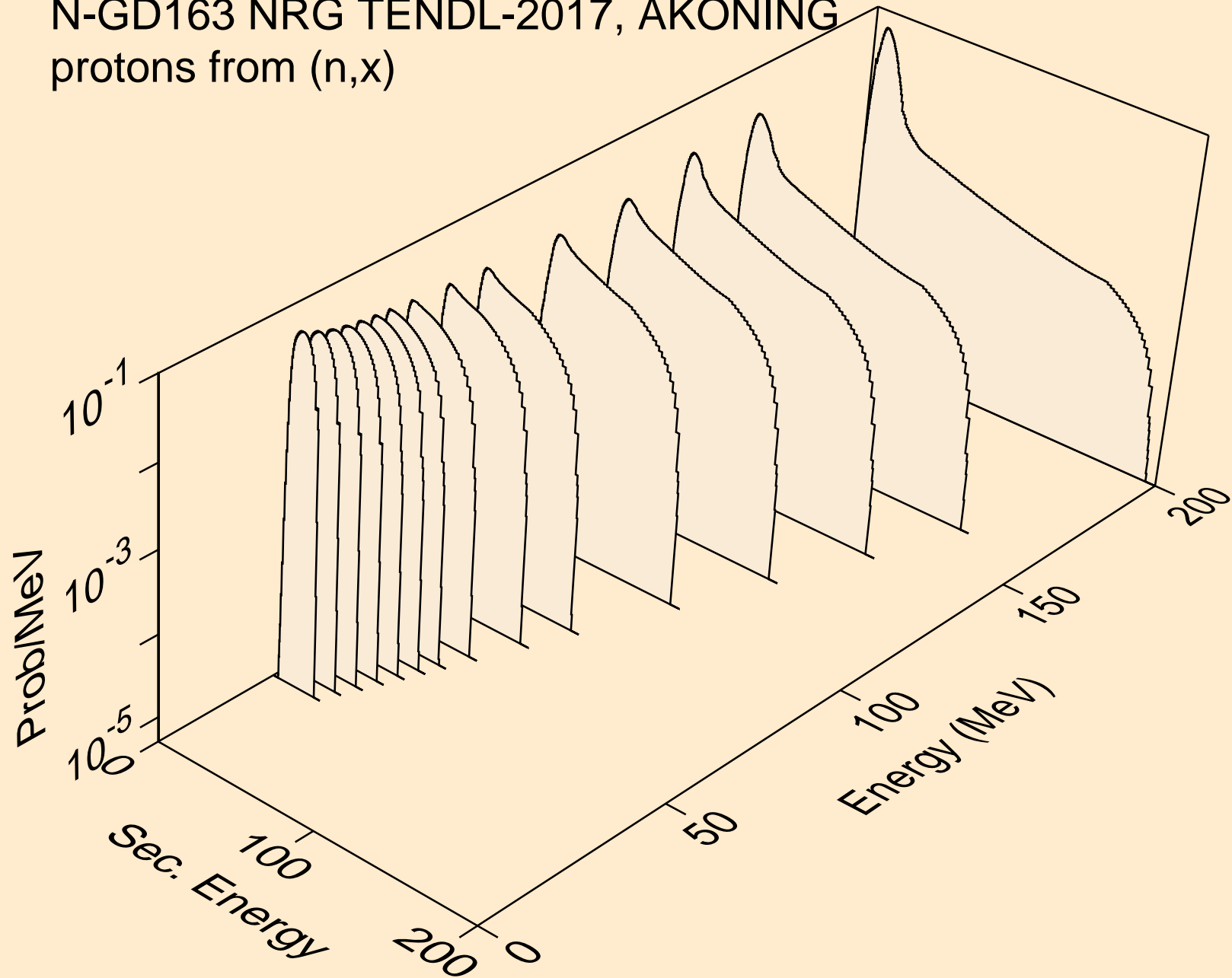


# N-GD163 NRG TENDL-2017, AKONING

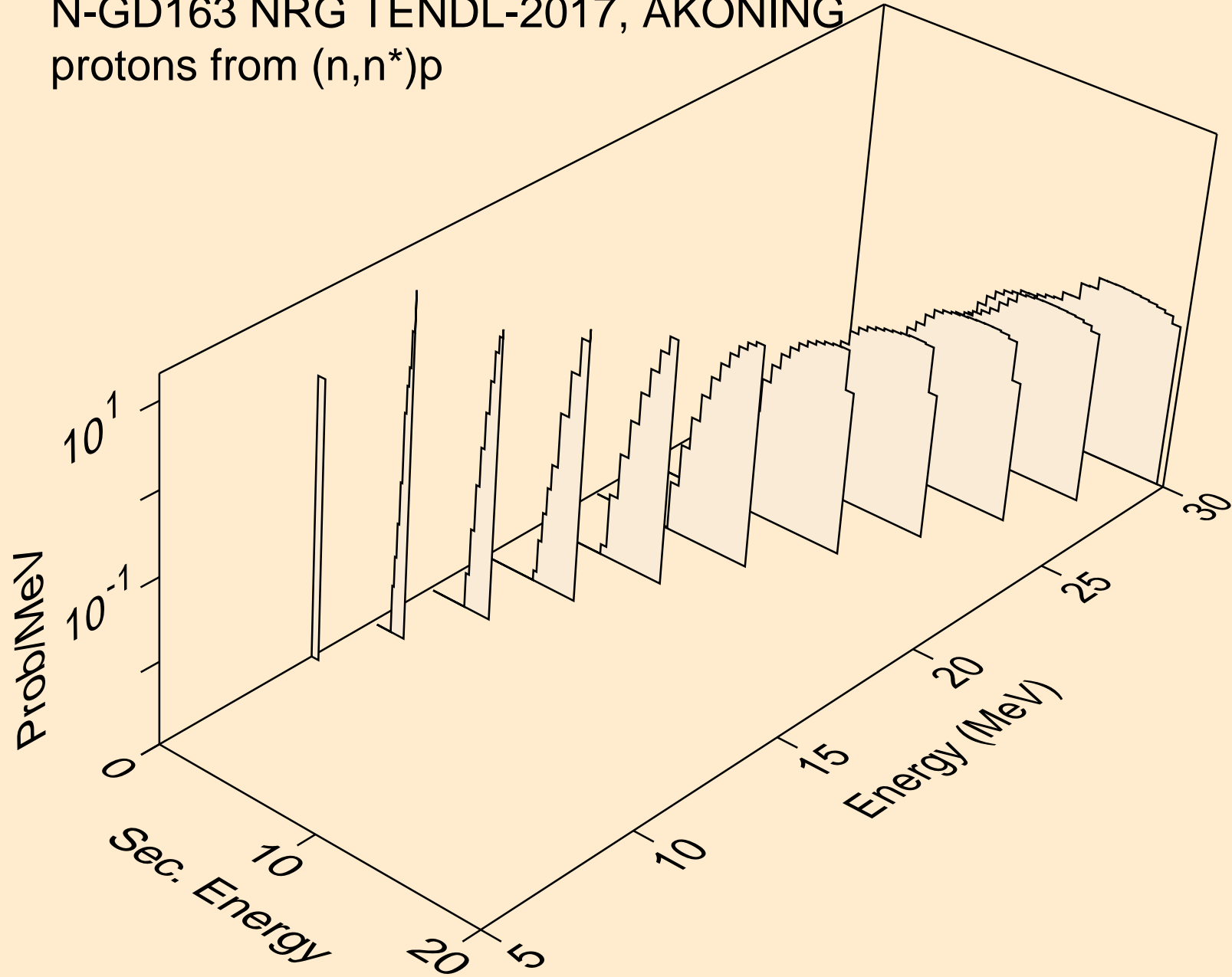
## Particle production cross sections



N-GD163 NRG TENDL-2017, AKONING  
protons from (n,x)

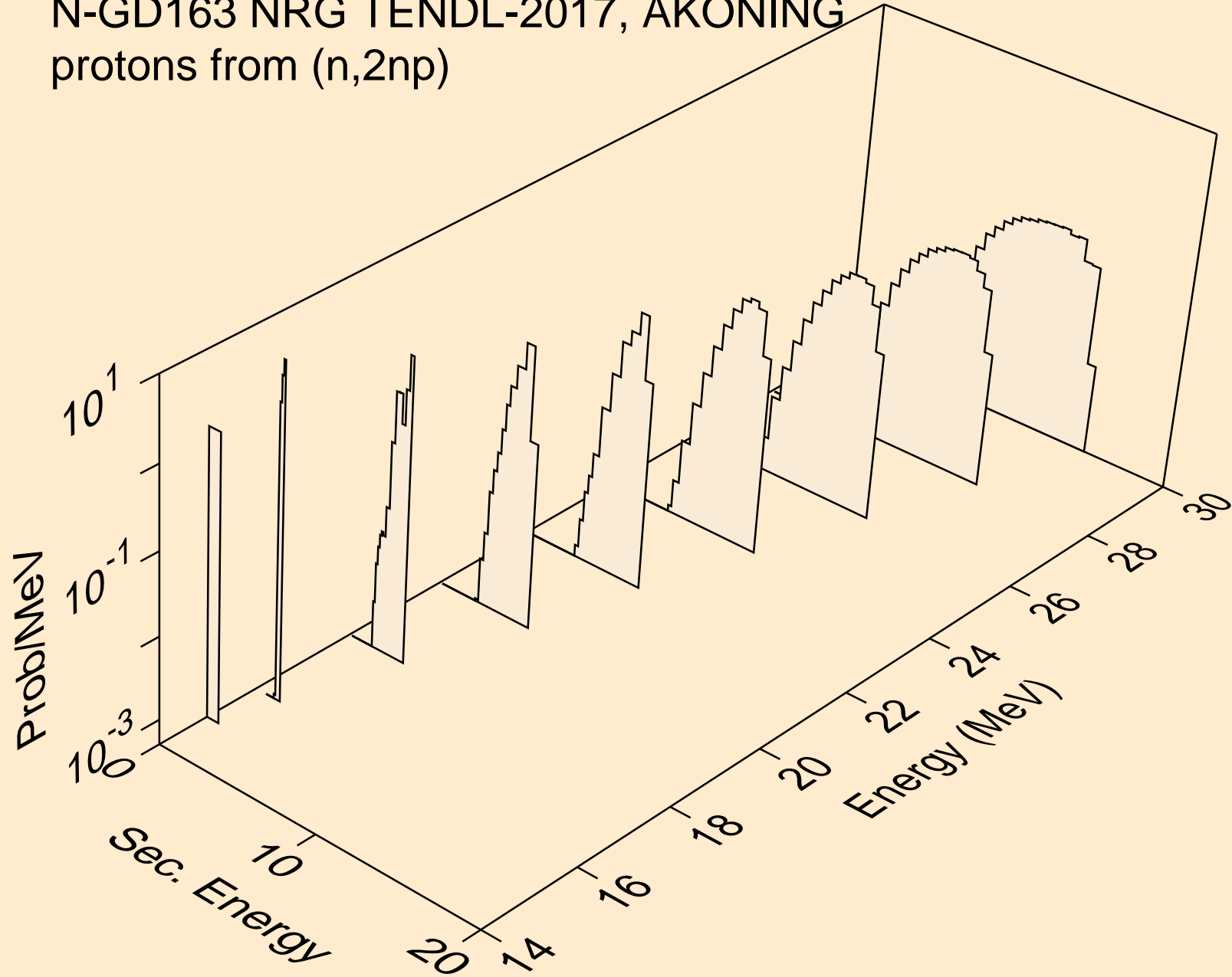


N-GD163 NRG TENDL-2017, AKONING  
protons from (n,n\*)p

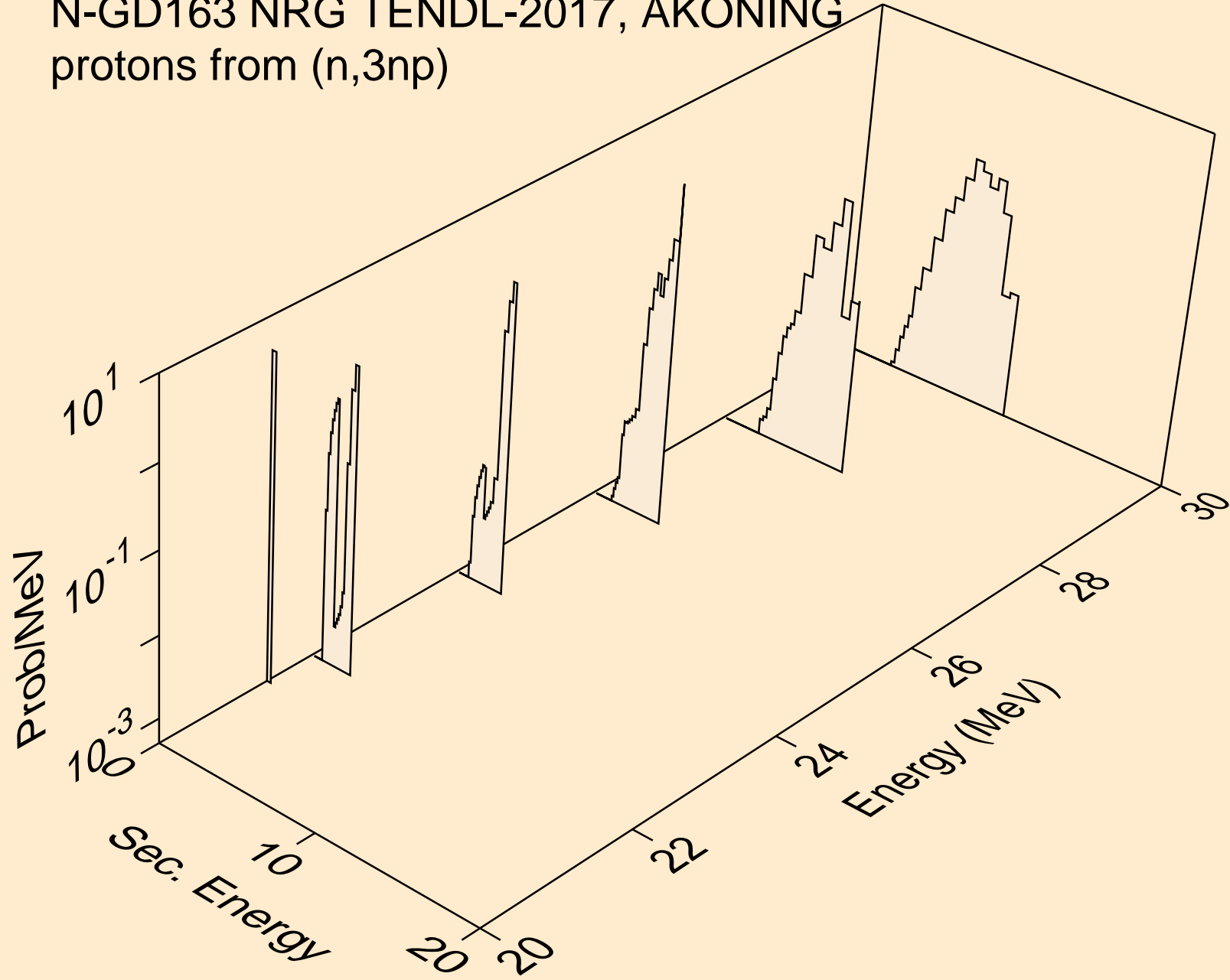




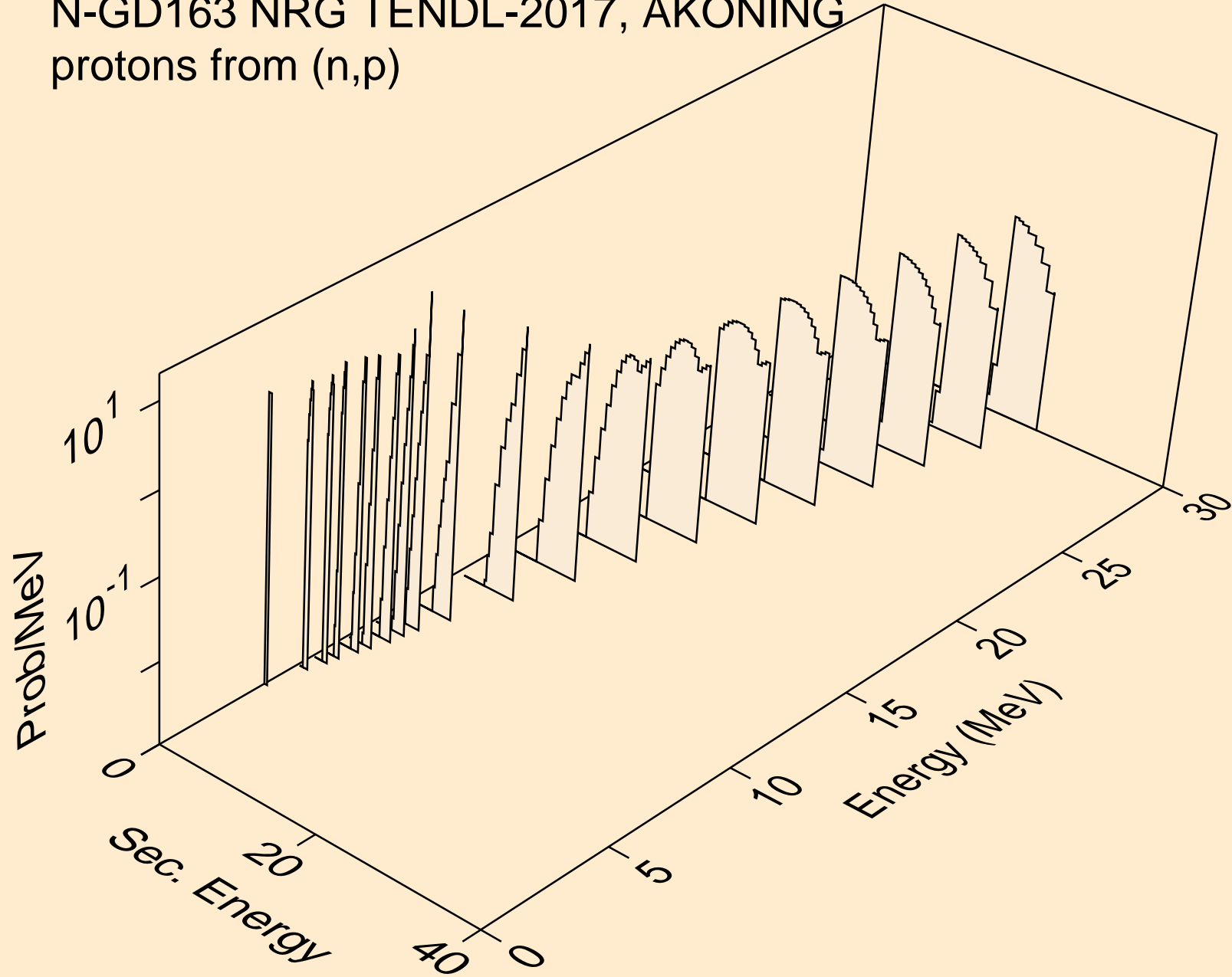
N-GD163 NRG TENDL-2017, AKONING  
protons from (n,2np)



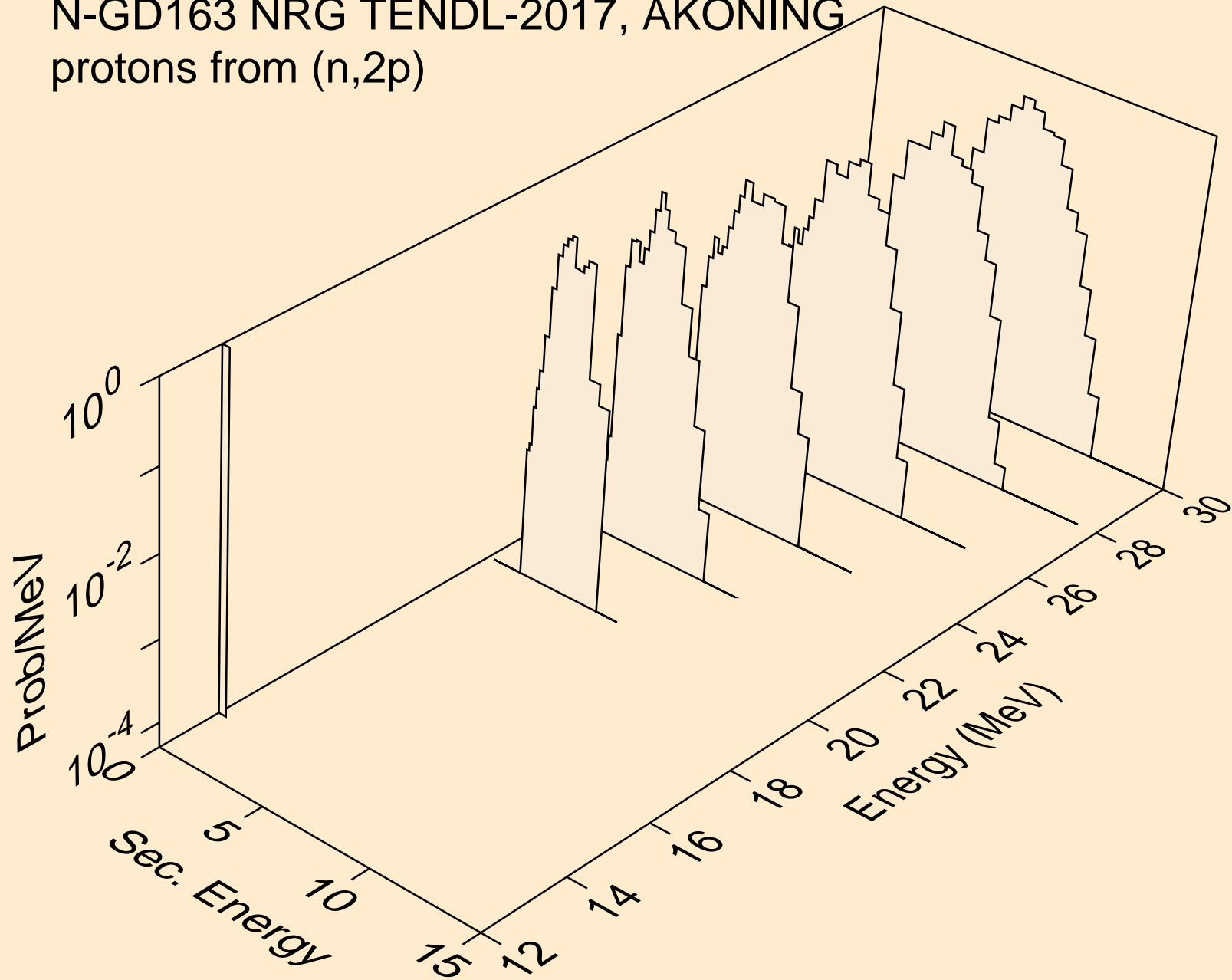
N-GD163 NRG TENDL-2017, AKONING  
protons from (n,3np)



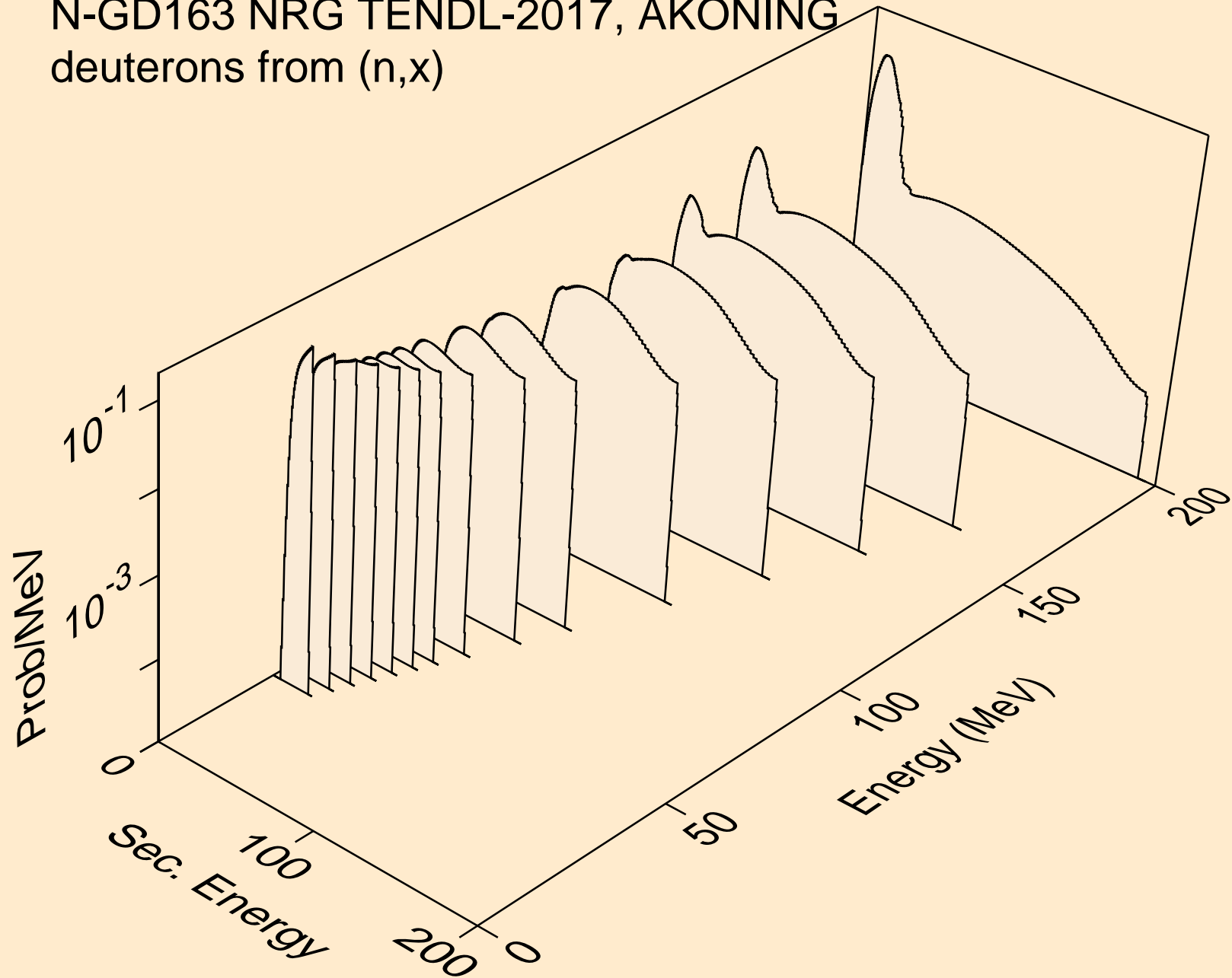
N-GD163 NRG TENDL-2017, AKONING  
protons from (n,p)



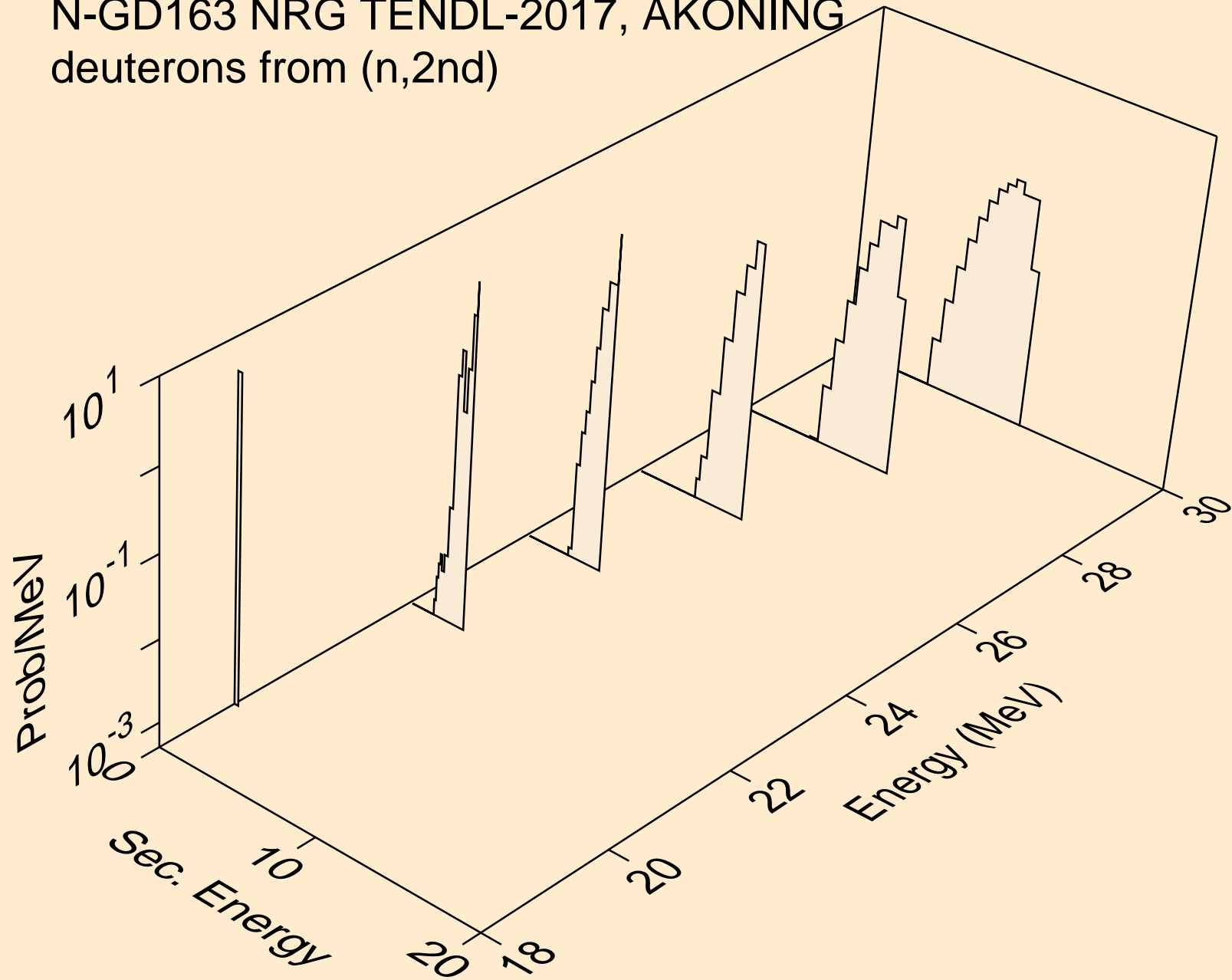
N-GD163 NRG TENDL-2017, AKONING  
protons from (n,2p)



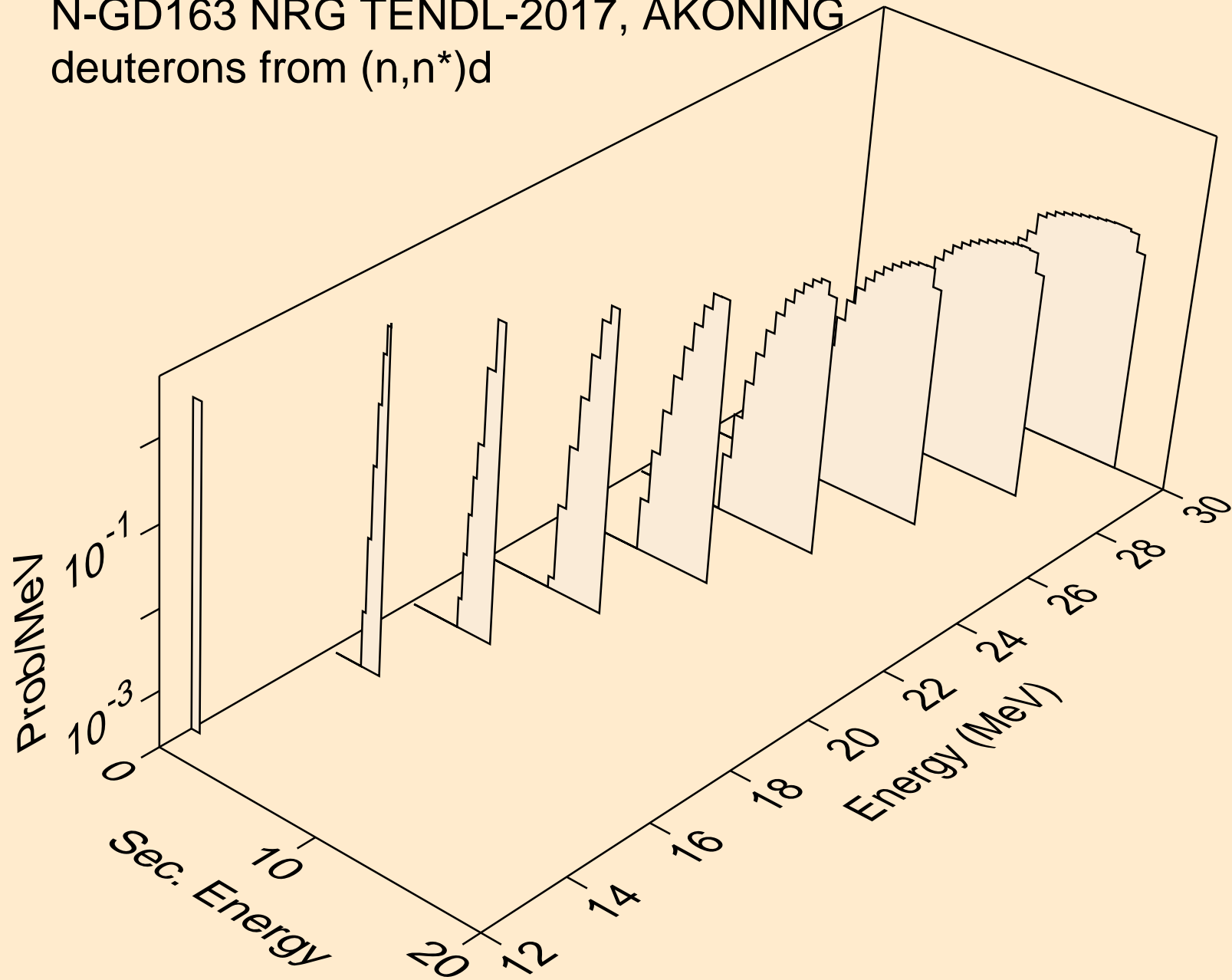
N-GD163 NRG TENDL-2017, AKONING  
deuterons from (n,x)



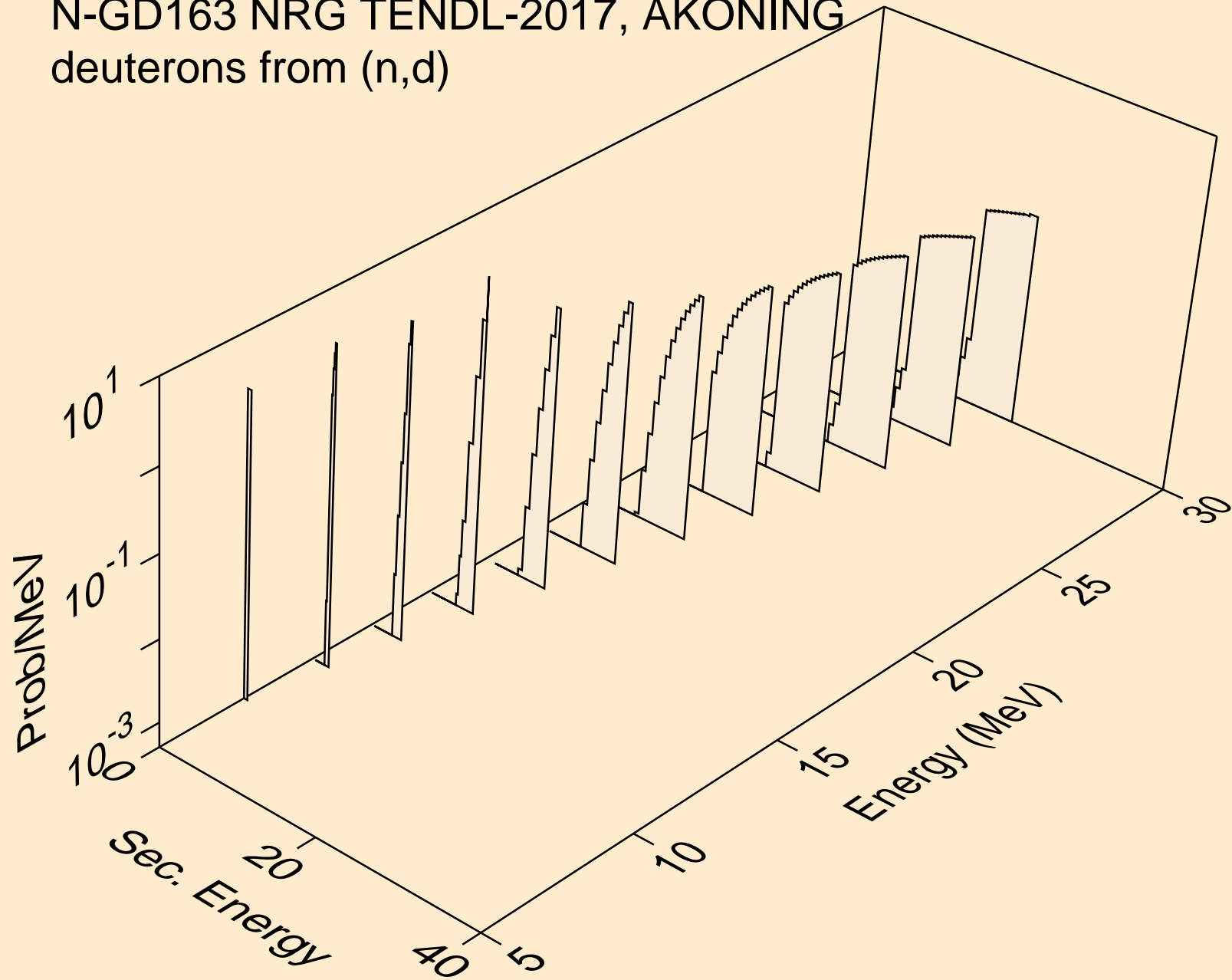
N-GD163 NRG TENDL-2017, AKONING  
deuterons from (n,2nd)



N-GD163 NRG TENDL-2017, AKONING  
deuterons from (n,n\*)d

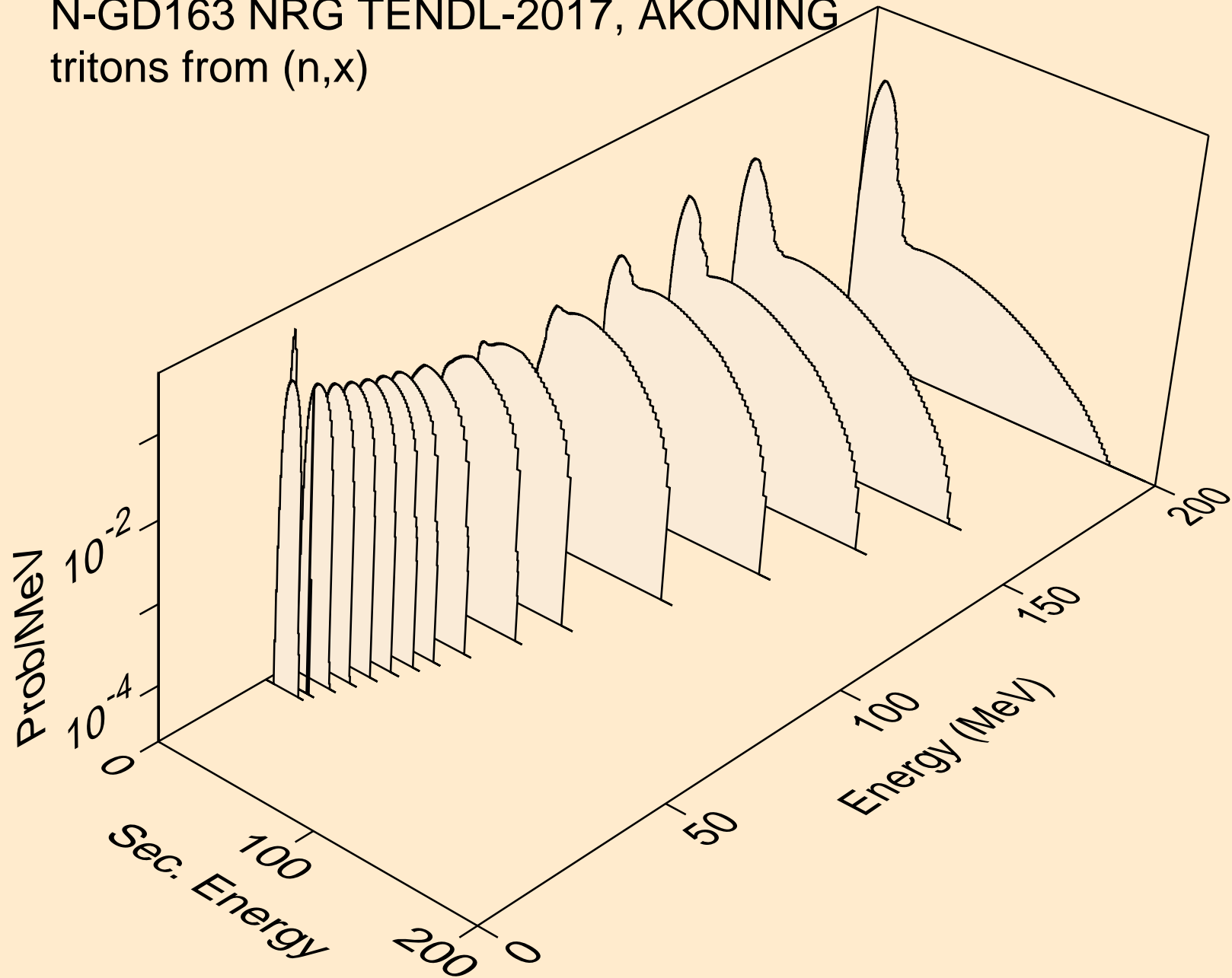


N-GD163 NRG TENDL-2017, AKONING  
deuterons from (n,d)

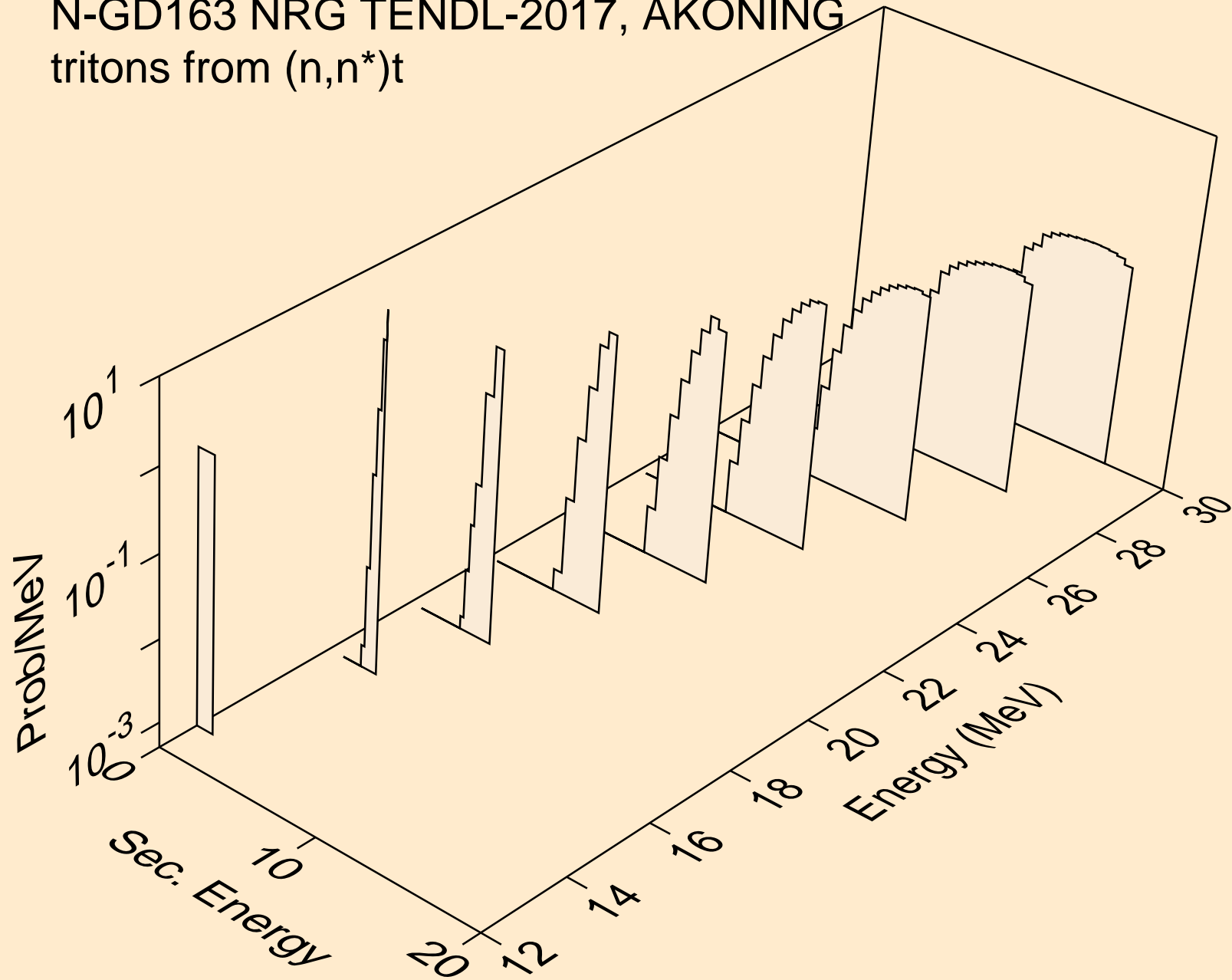




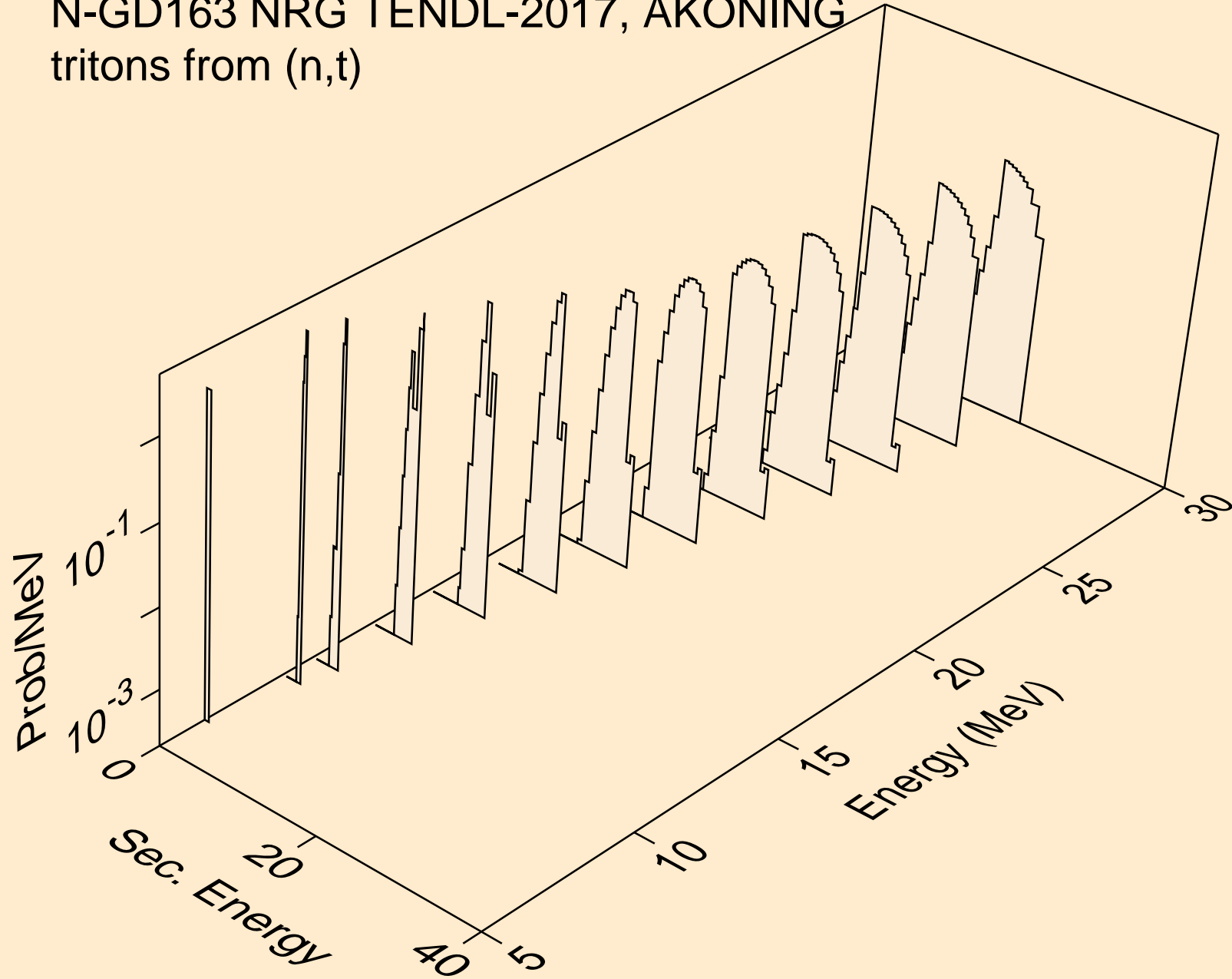
N-GD163 NRG TENDL-2017, AKONING  
tritons from (n,x)



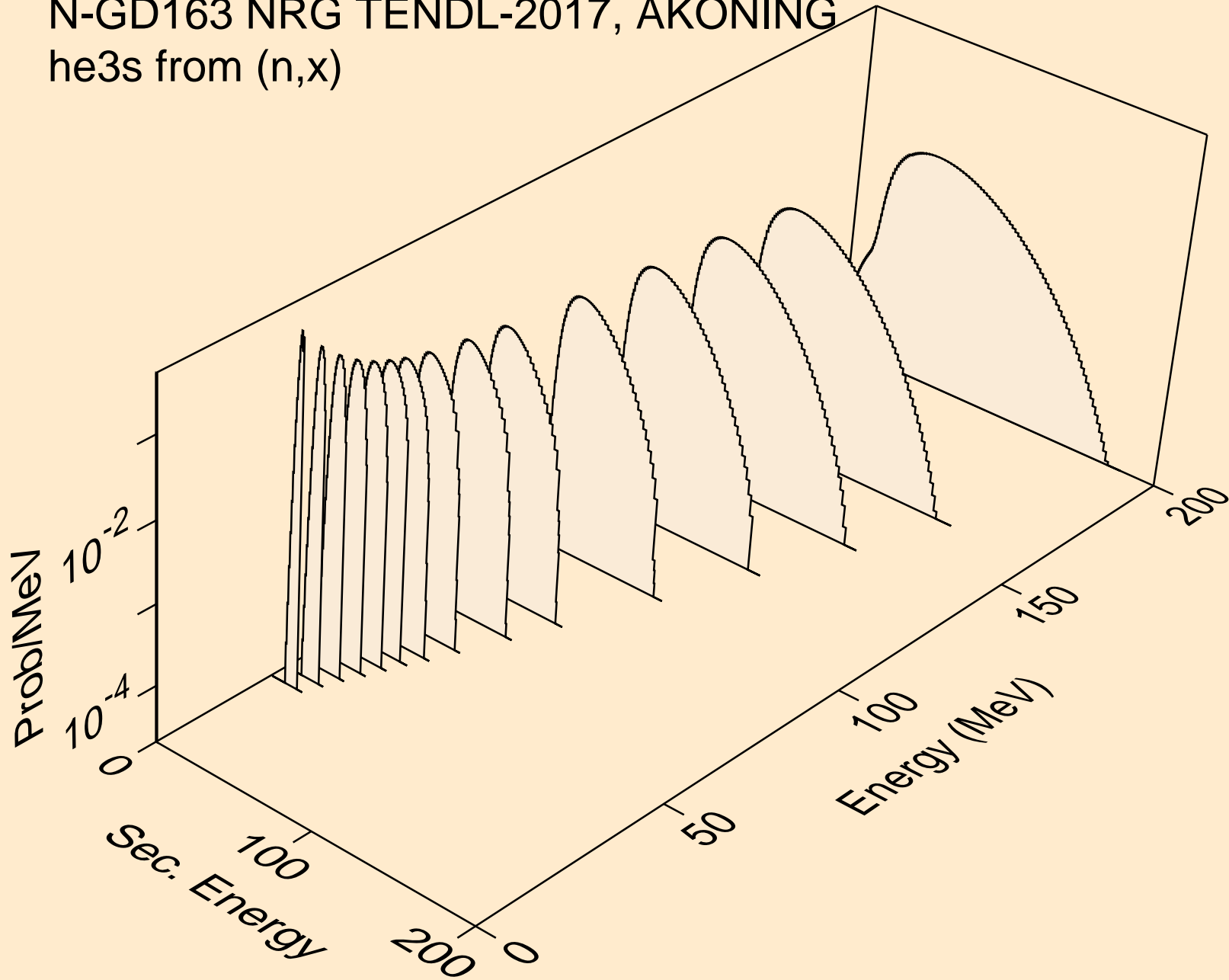
N-GD163 NRG TENDL-2017, AKONING  
tritons from (n,n\*)t



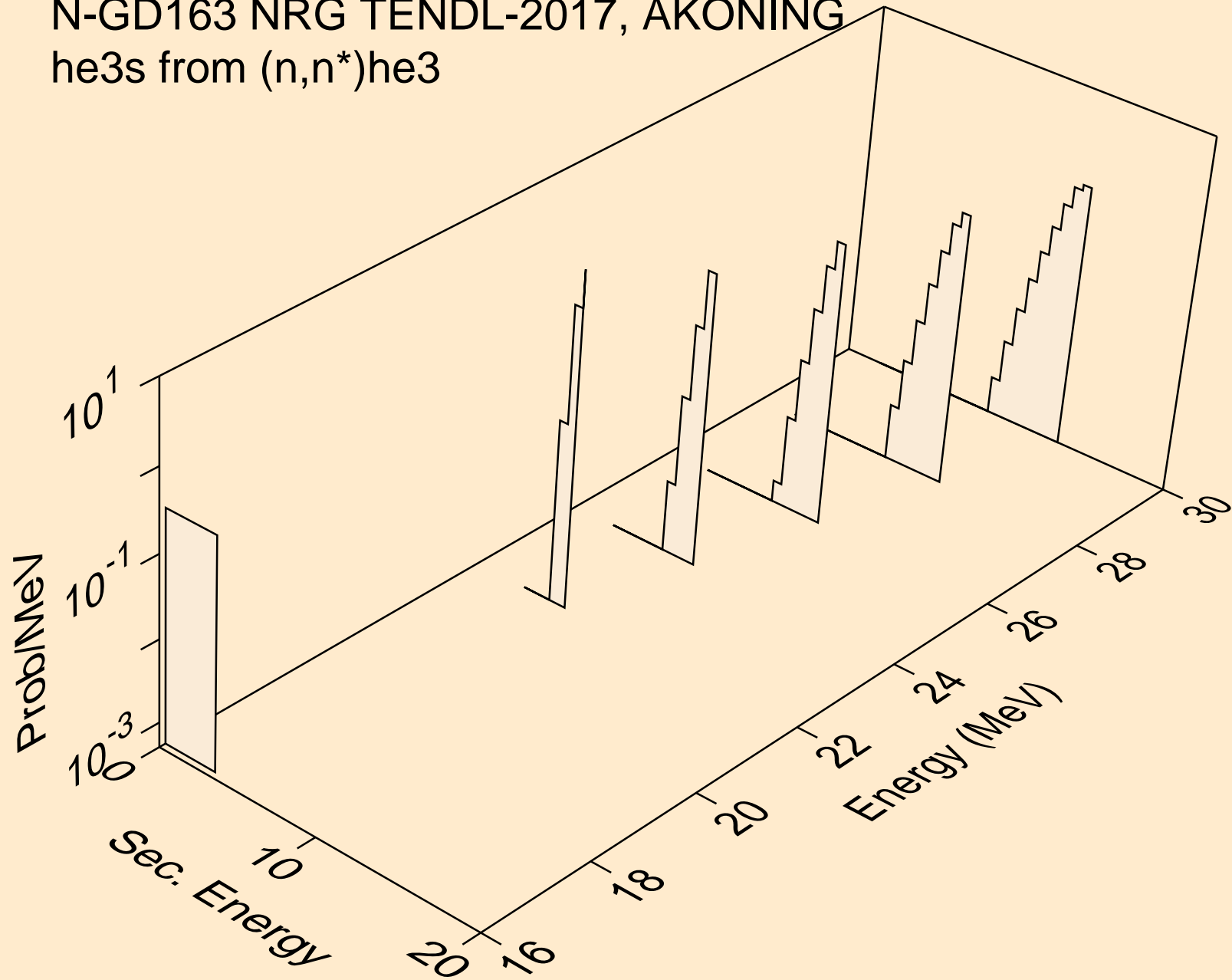
N-GD163 NRG TENDL-2017, AKONING  
tritons from (n,t)



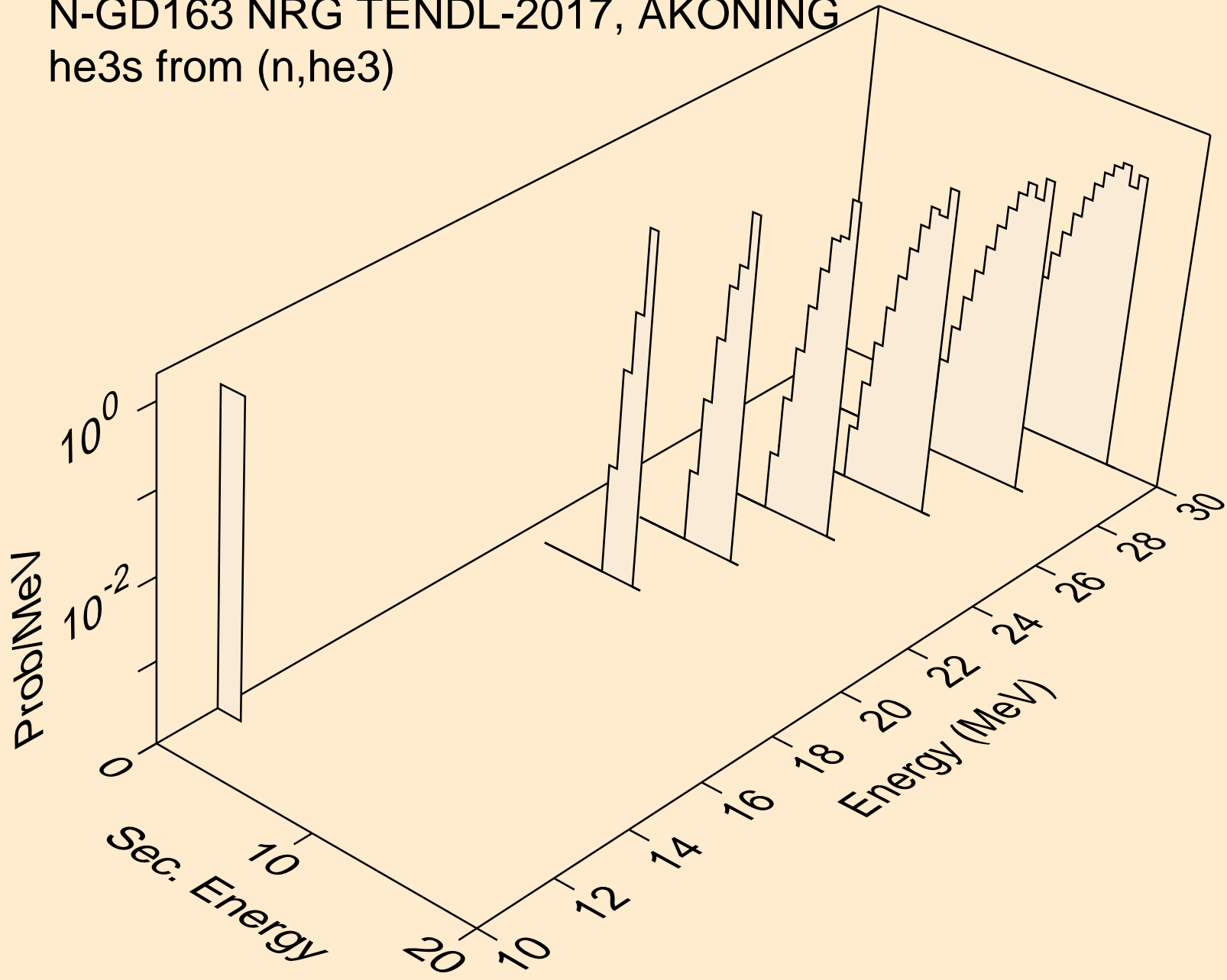
N-GD163 NRG TENDL-2017, AKONING  
he3s from (n,x)



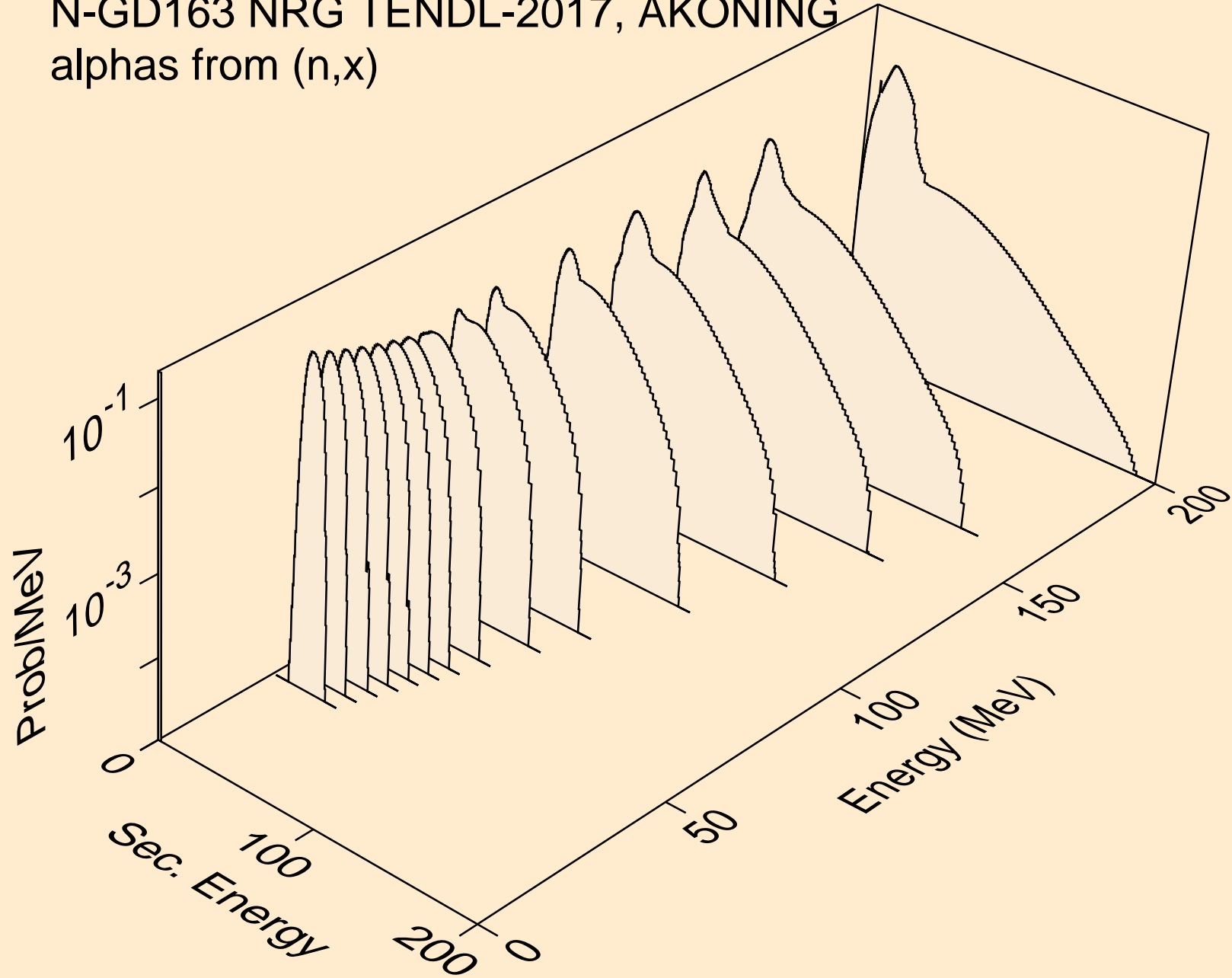
N-GD163 NRG TENDL-2017, AKONING  
he3s from (n,n\*)he3



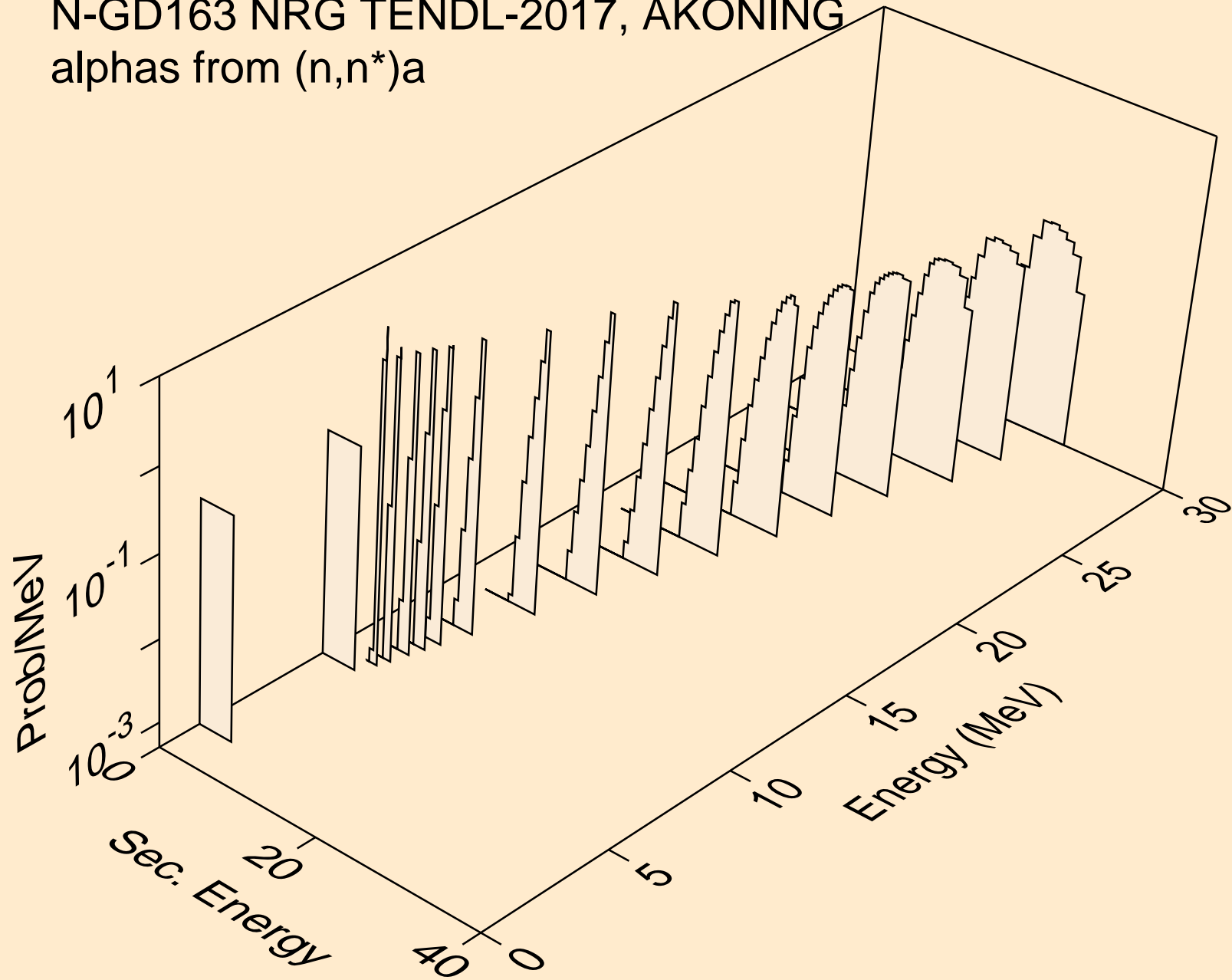
N-GD163 NRG TENDL-2017, AKONING  
he3s from (n,he3)



N-GD163 NRG TENDL-2017, AKONING  
alphas from (n,x)

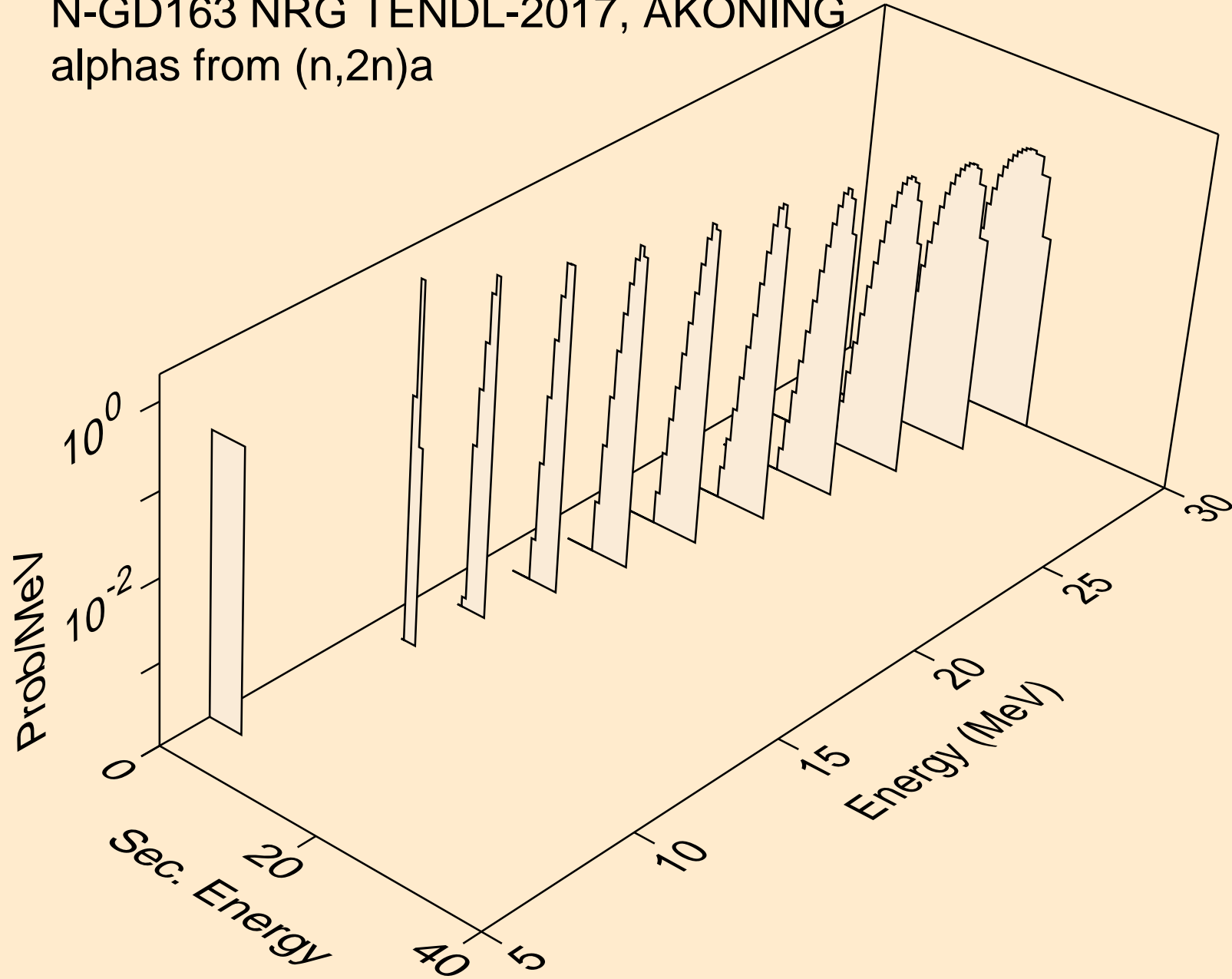


N-GD163 NRG TENDL-2017, AKONING  
alphas from (n,n\*)a

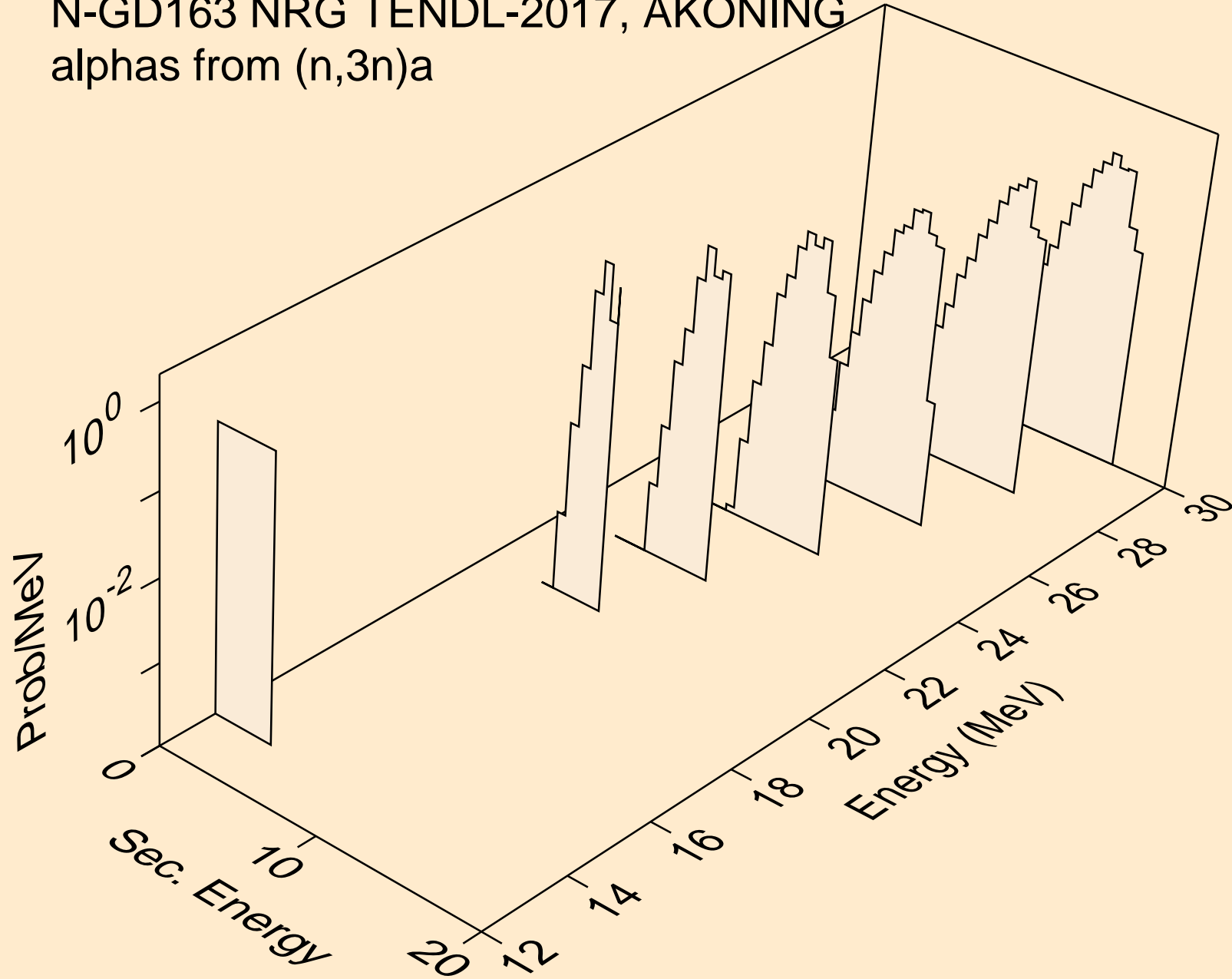




N-GD163 NRG TENDL-2017, AKONING  
alphas from (n,2n)a



N-GD163 NRG TENDL-2017, AKONING  
alphas from (n,3n)a



N-GD163 NRG TENDL-2017, AKONING  
alphas from (n,a)

