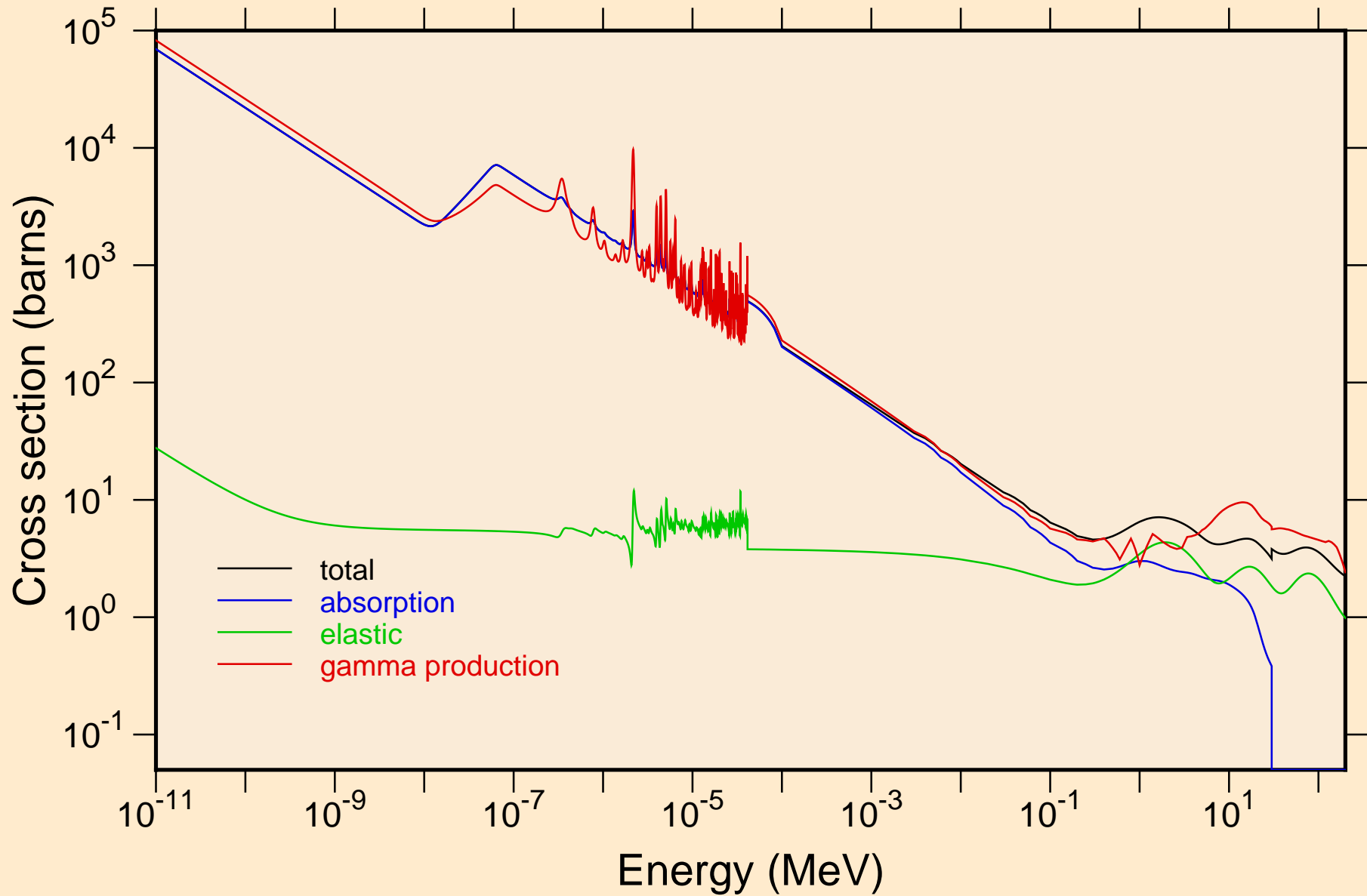
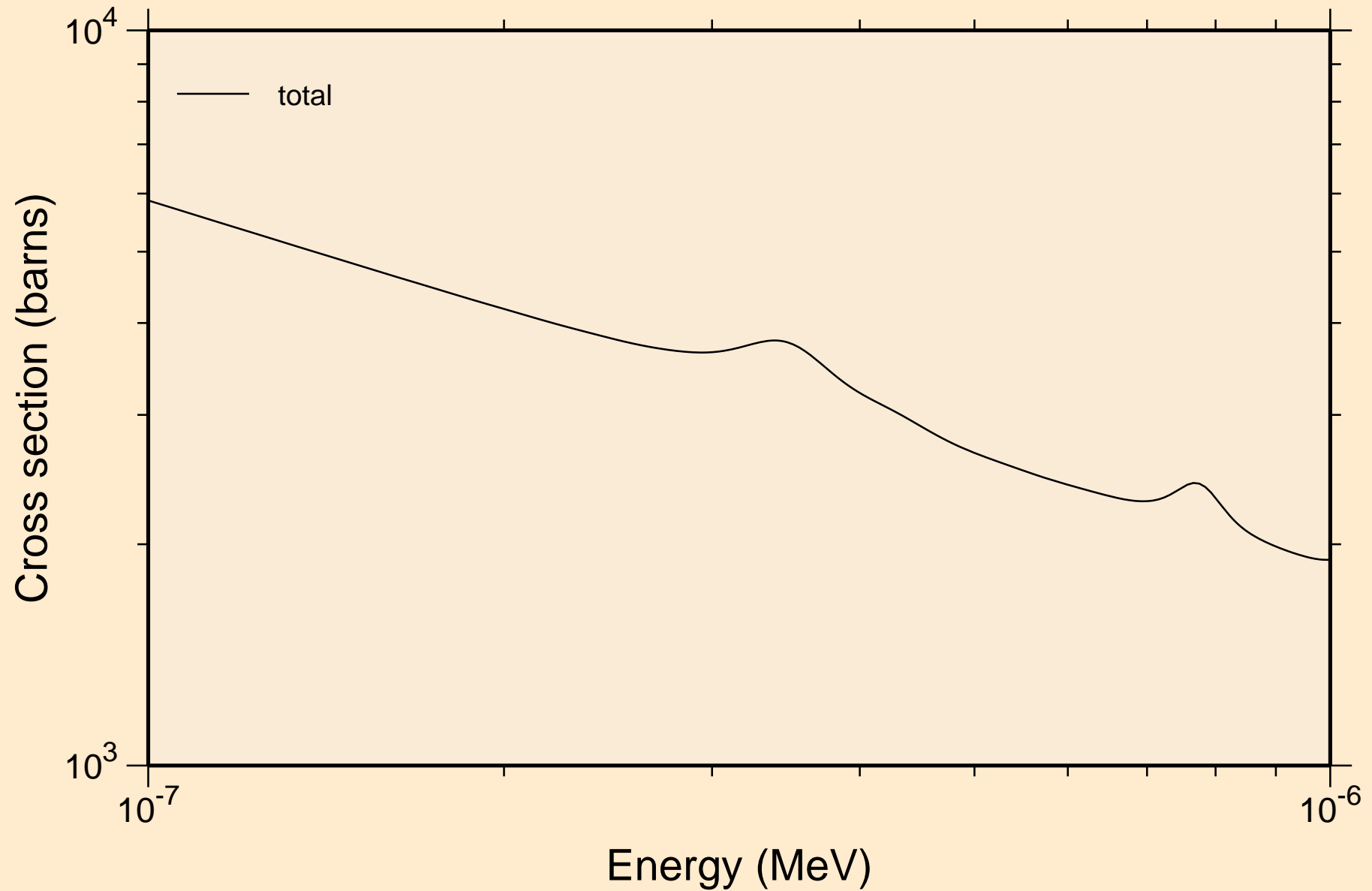


# GD137 NRG TENDL-2015, AKONING

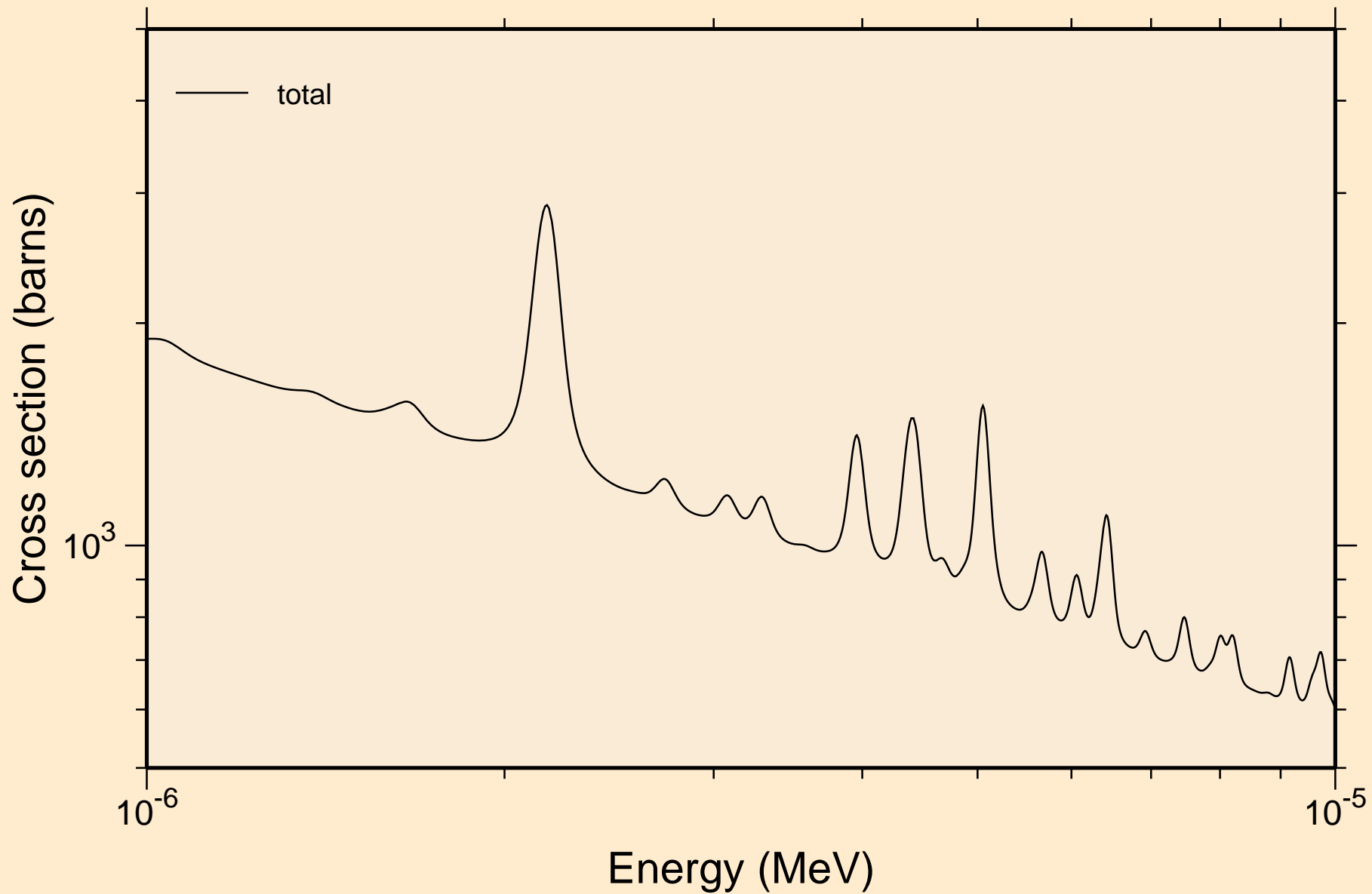
## Principal cross sections



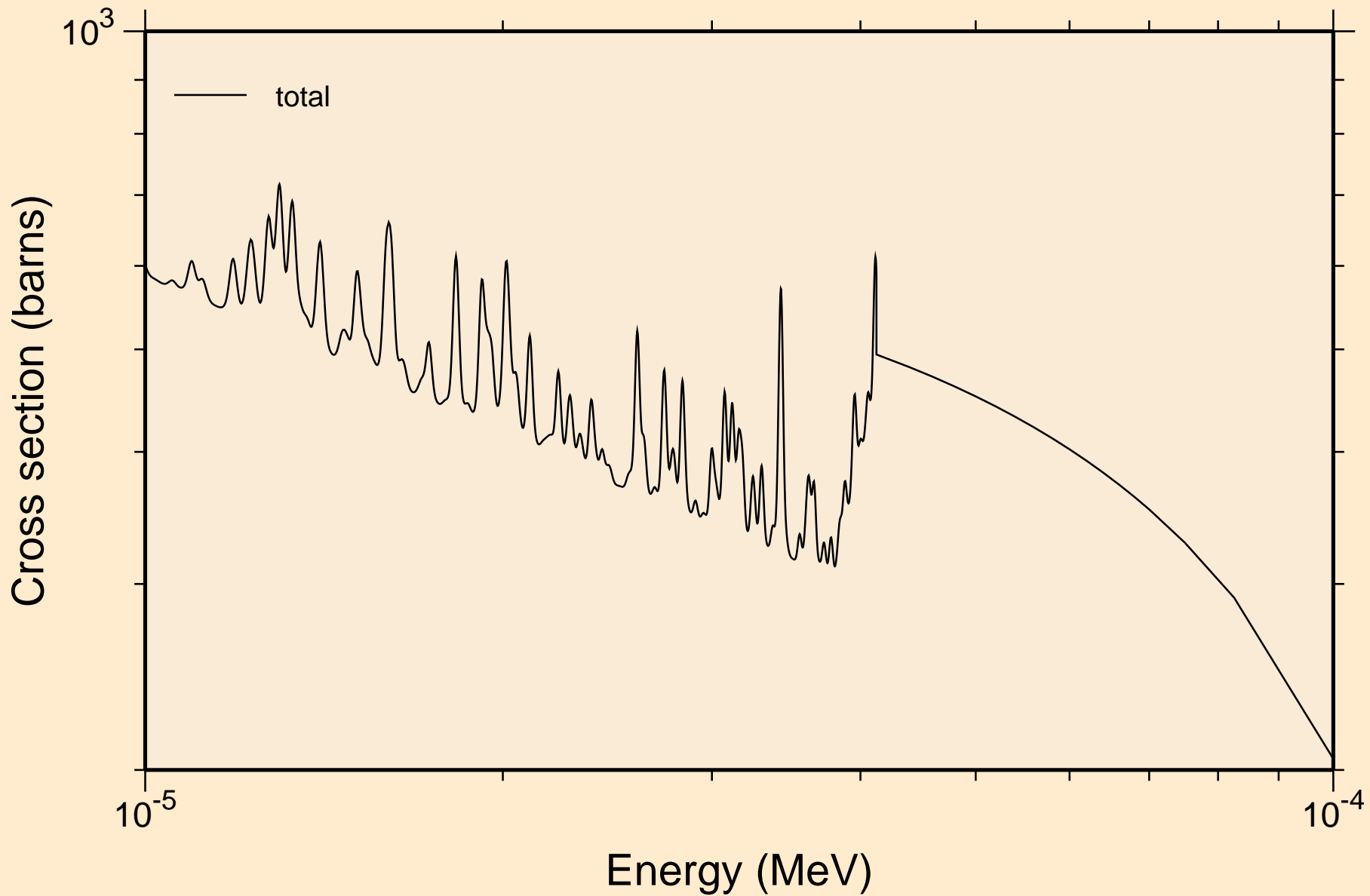
GD137 NRG TENDL-2015, AKONING  
resonance total cross section



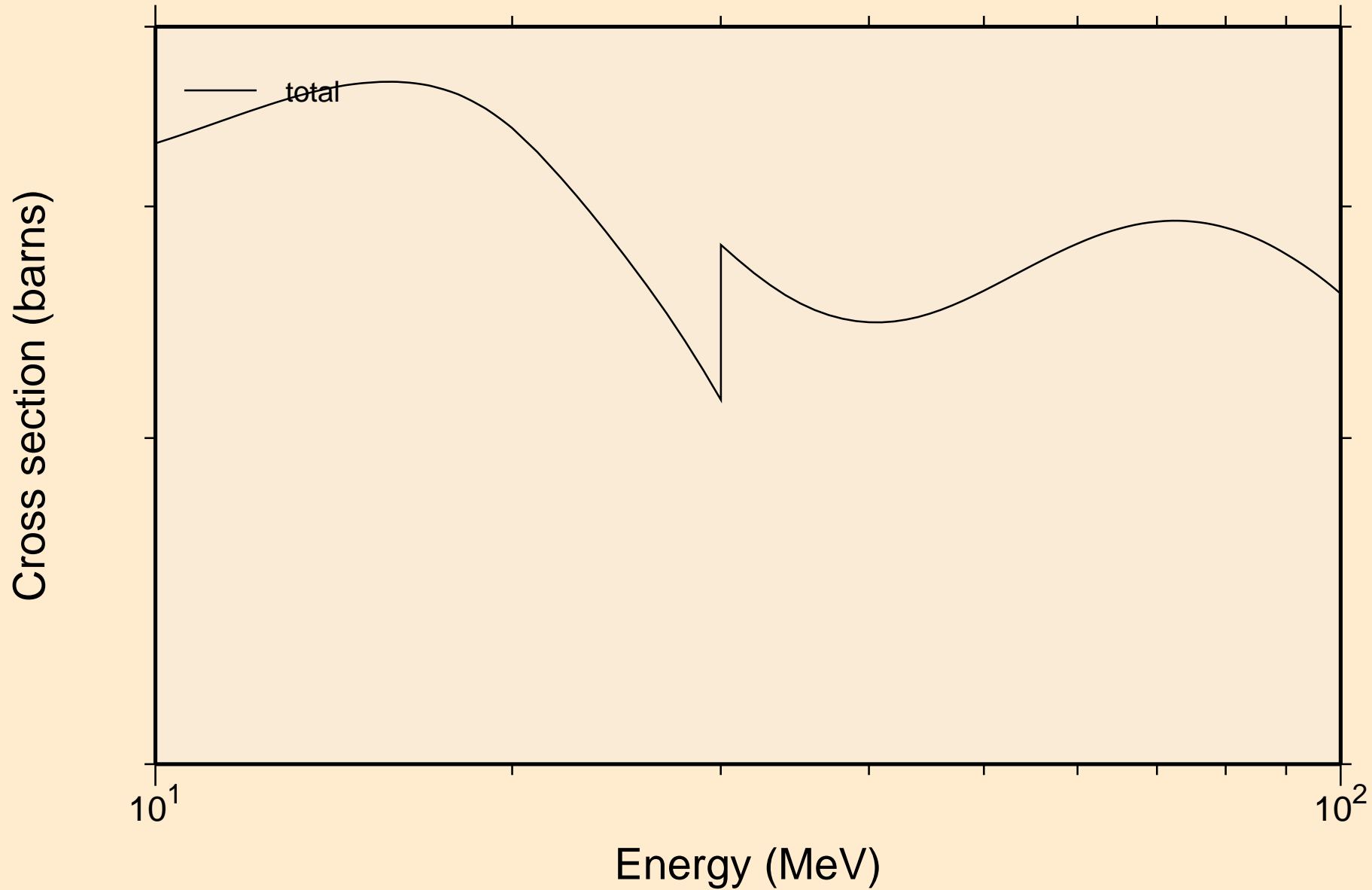
GD137 NRG TENDL-2015, AKONING  
resonance total cross section



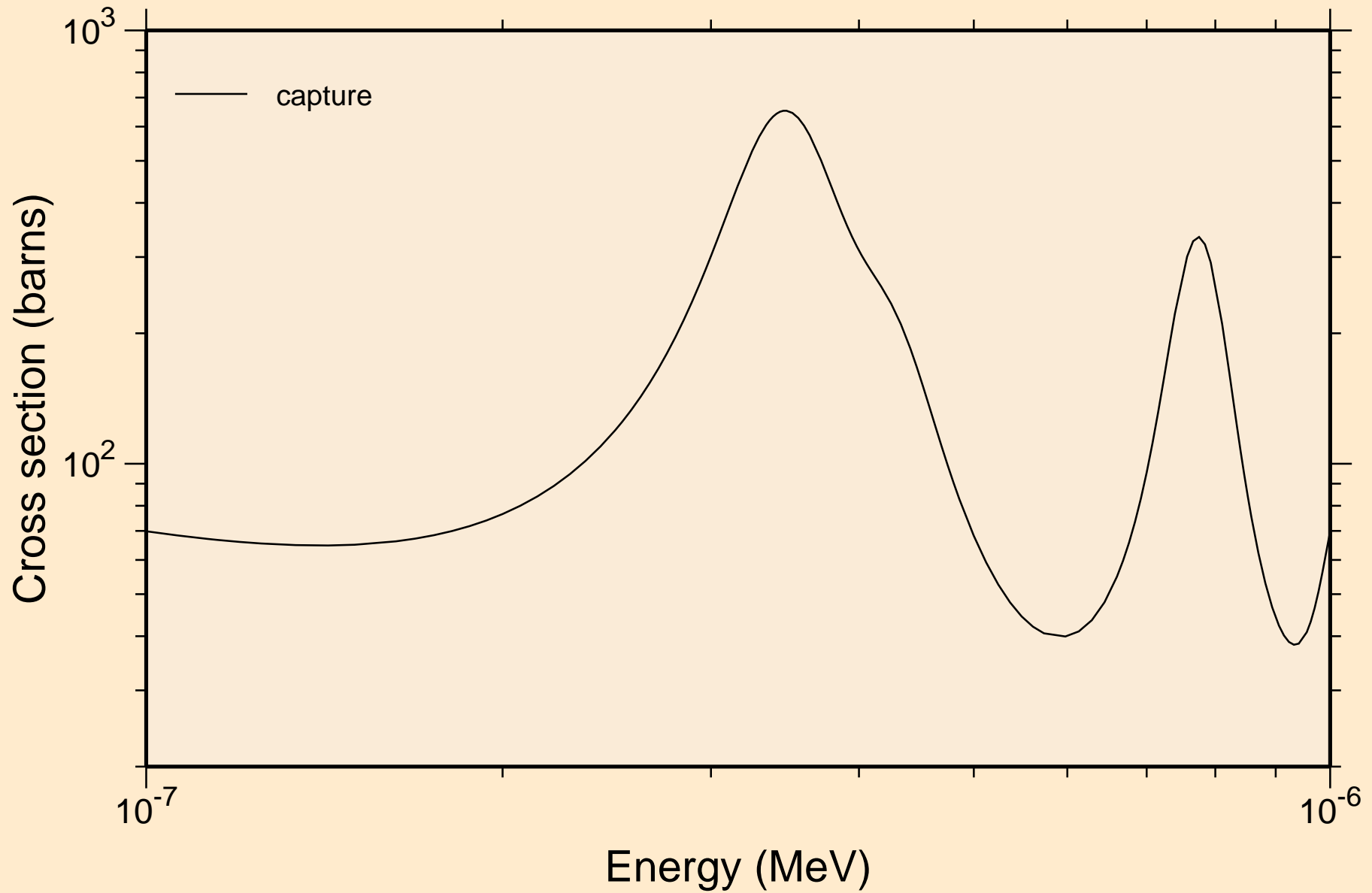
GD137 NRG TENDL-2015, AKONING  
resonance total cross section



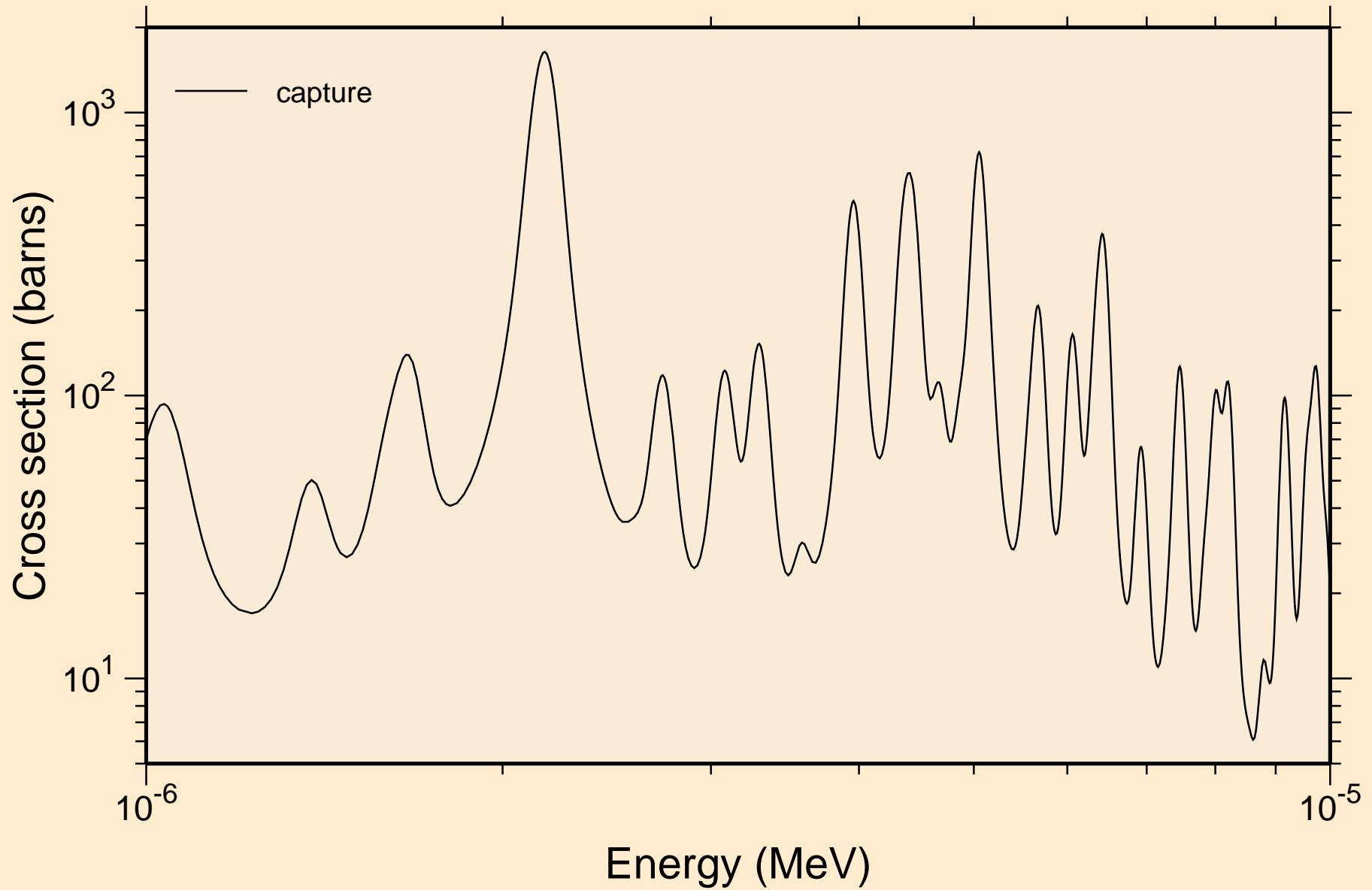
GD137 NRG TENDL-2015, AKONING  
resonance total cross section



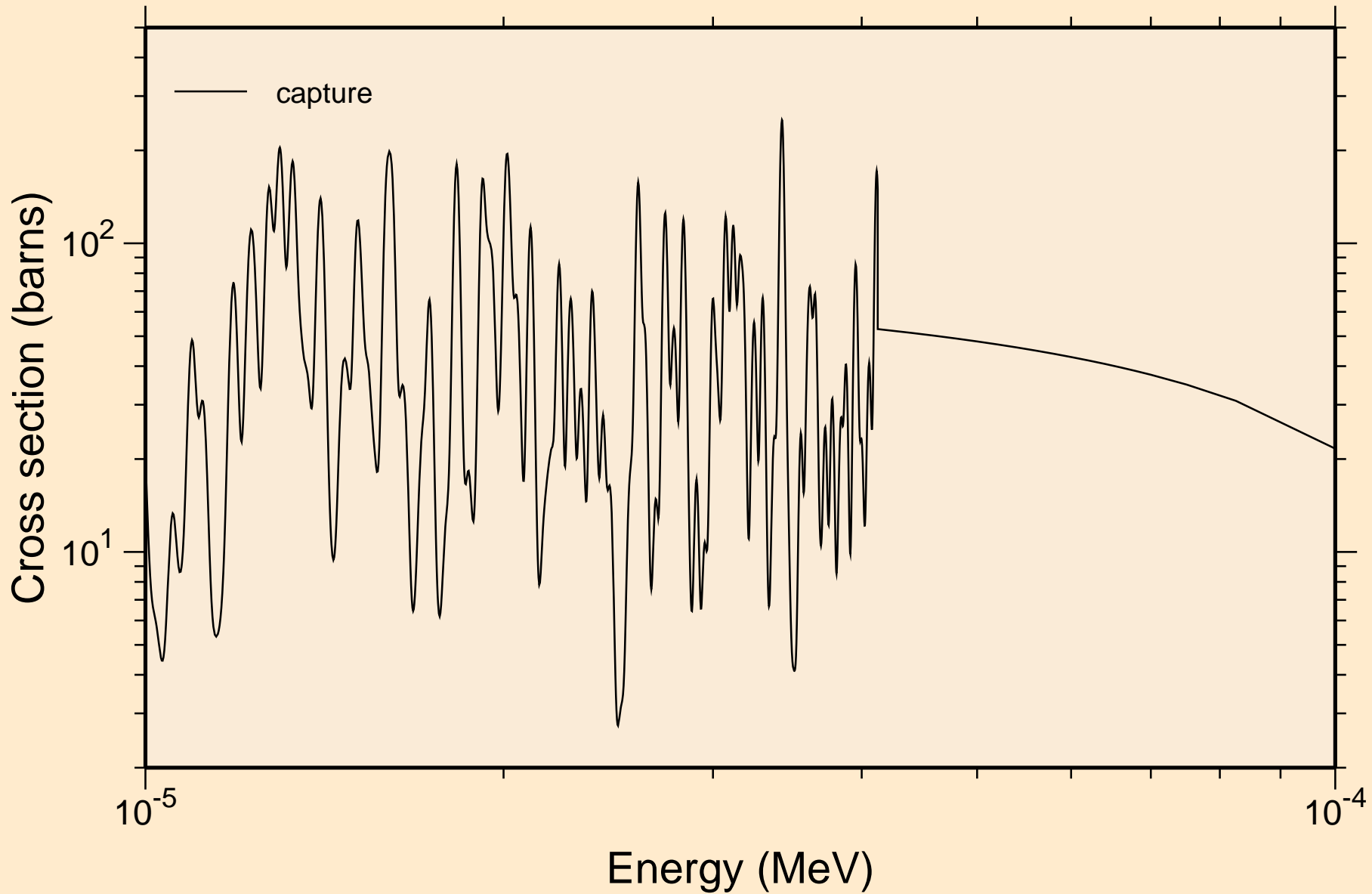
GD137 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# GD137 NRG TENDL-2015, AKONING resonance absorption cross sections

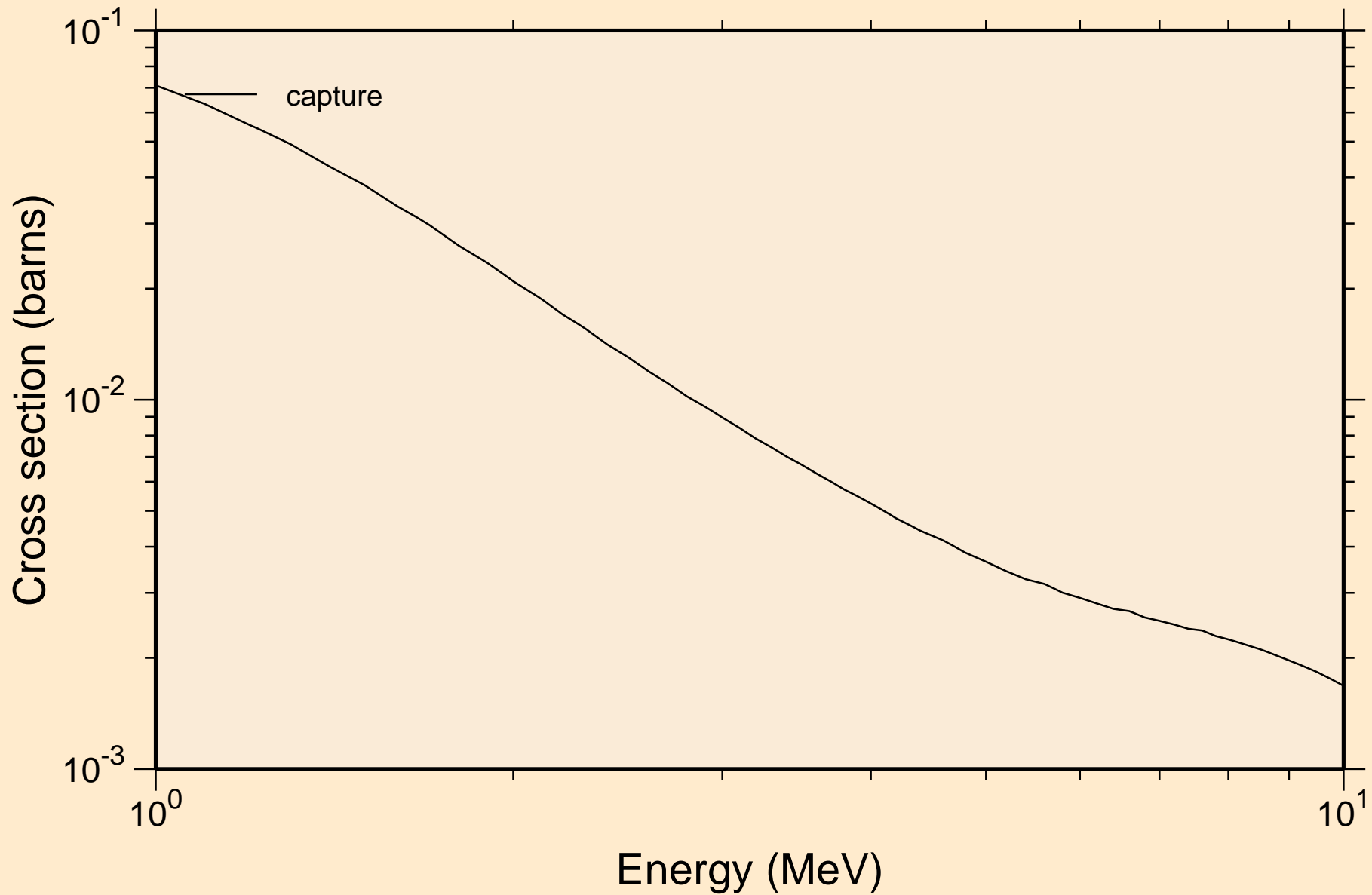


# GD137 NRG TENDL-2015, AKONING resonance absorption cross sections



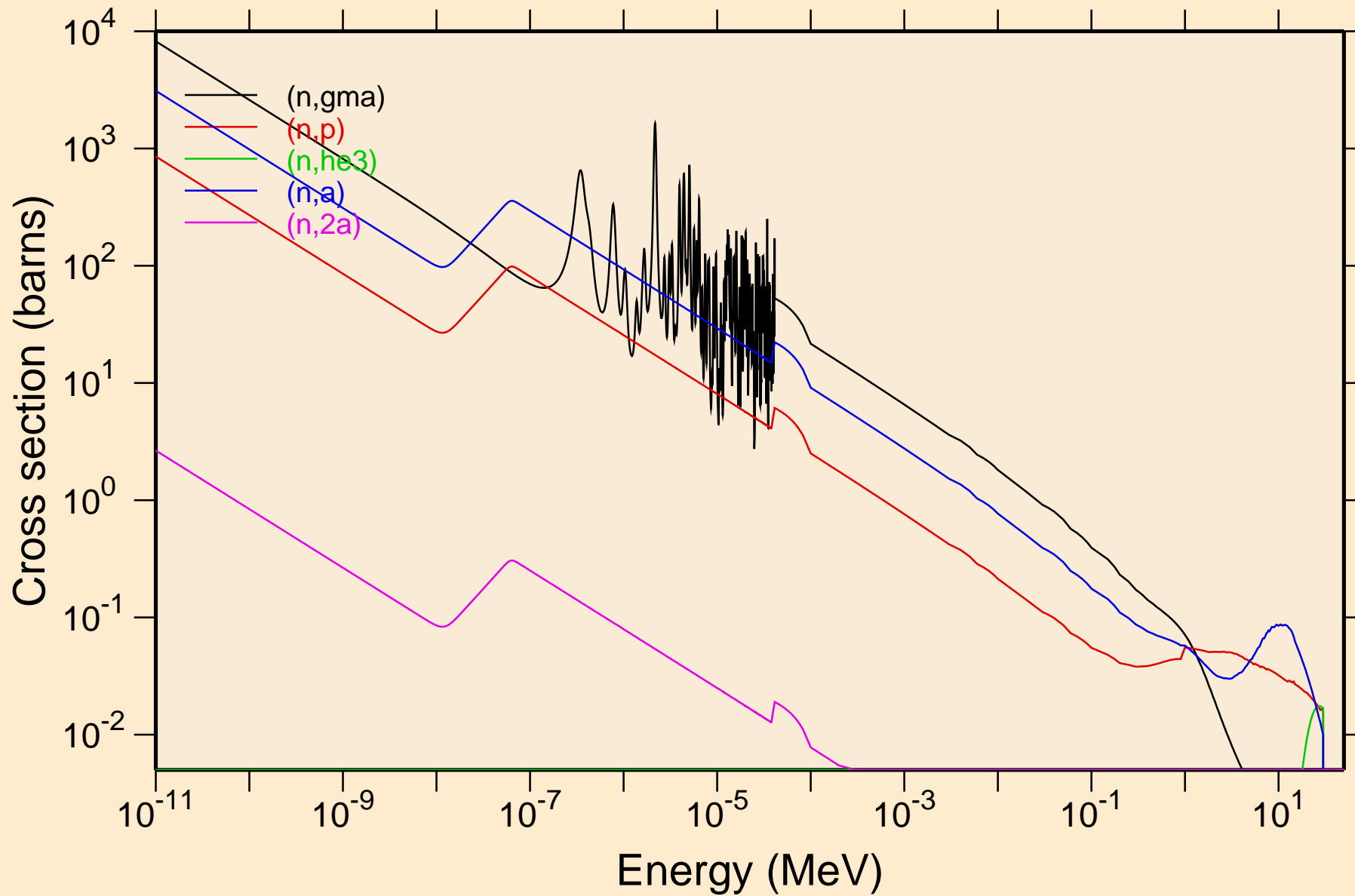


# GD137 NRG TENDL-2015, AKONING resonance absorption cross sections



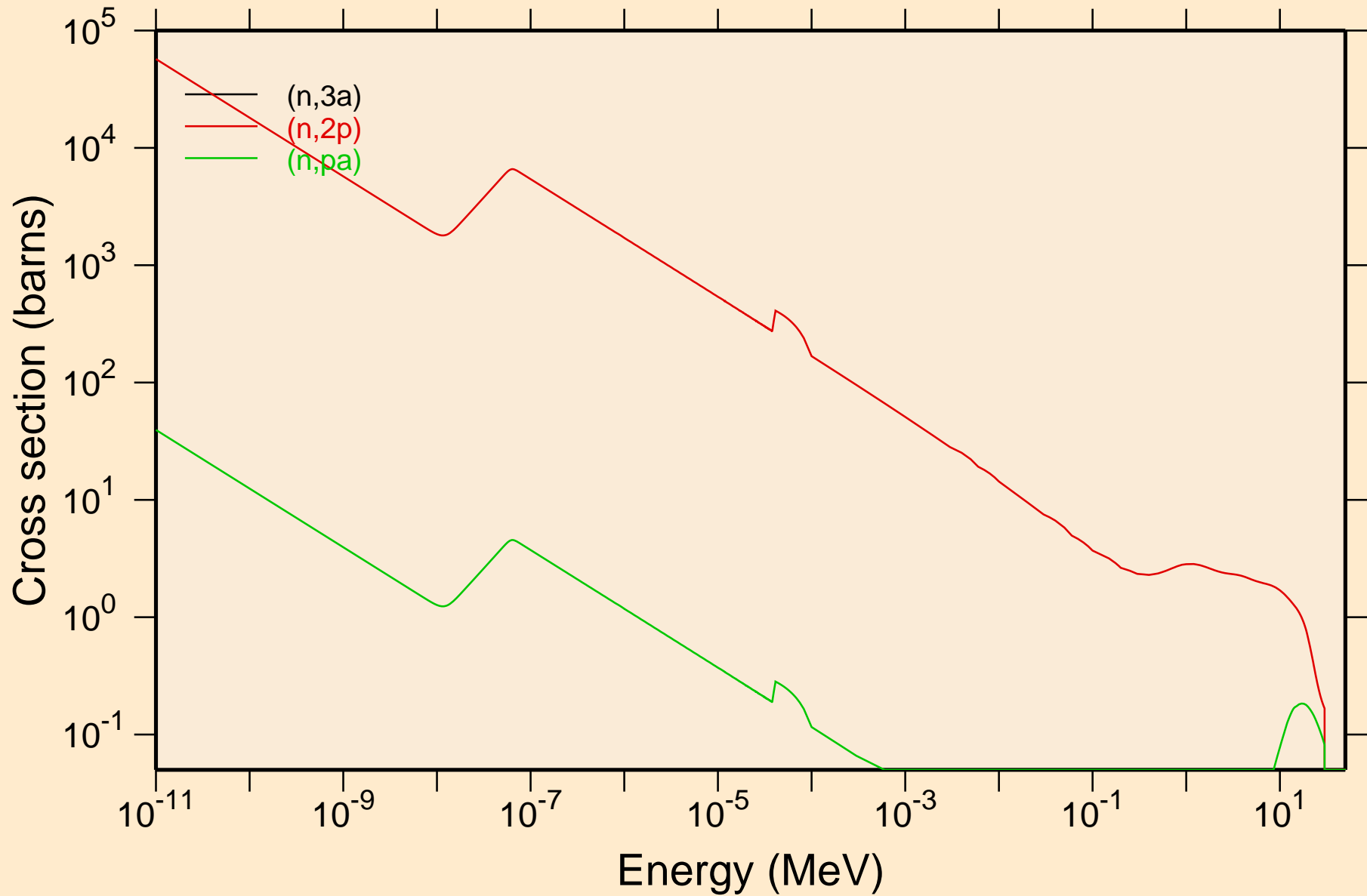
# GD137 NRG TENDL-2015, AKONING

## Non-threshold reactions



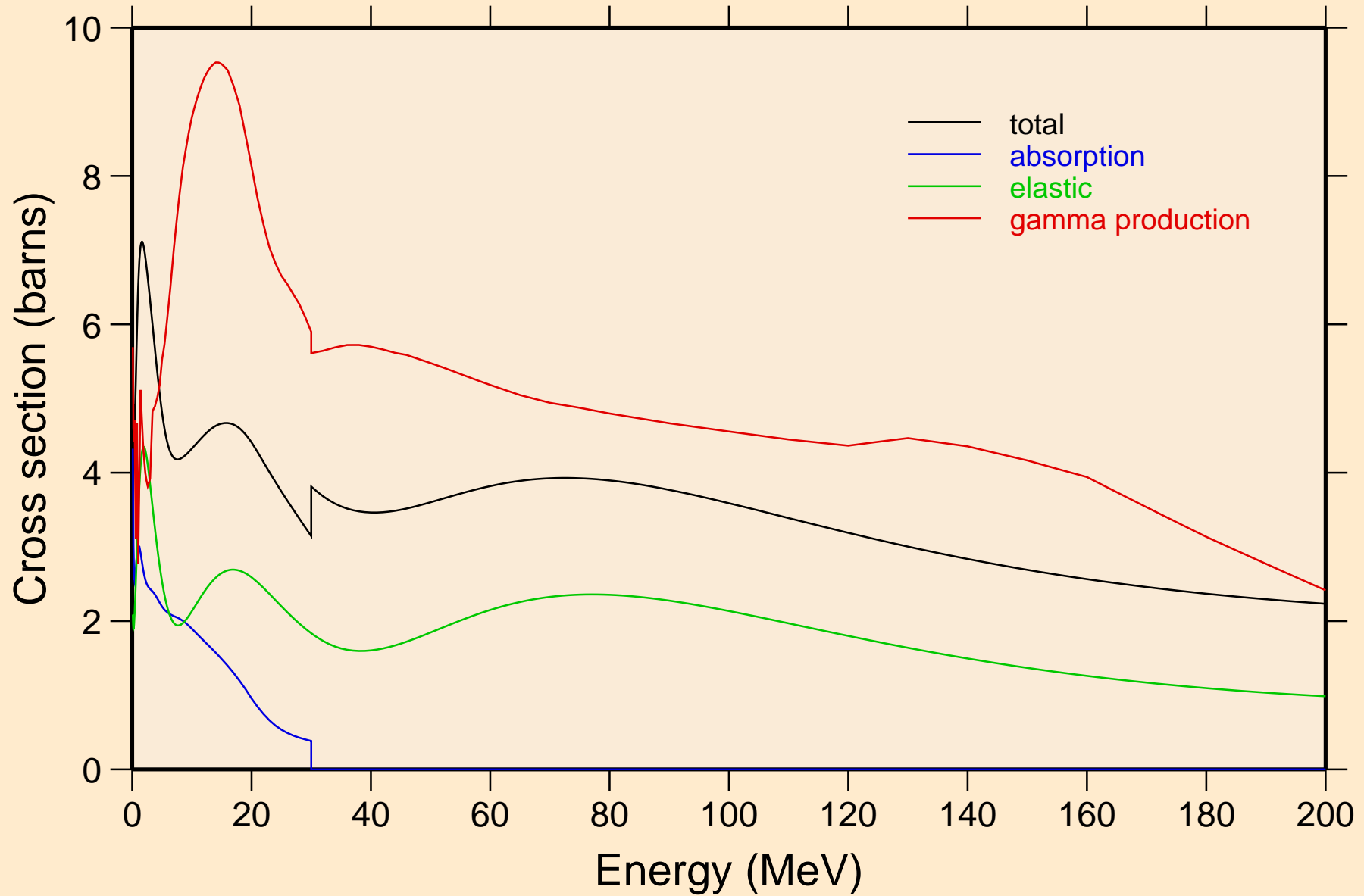
# GD137 NRG TENDL-2015, AKONING

## Non-threshold reactions



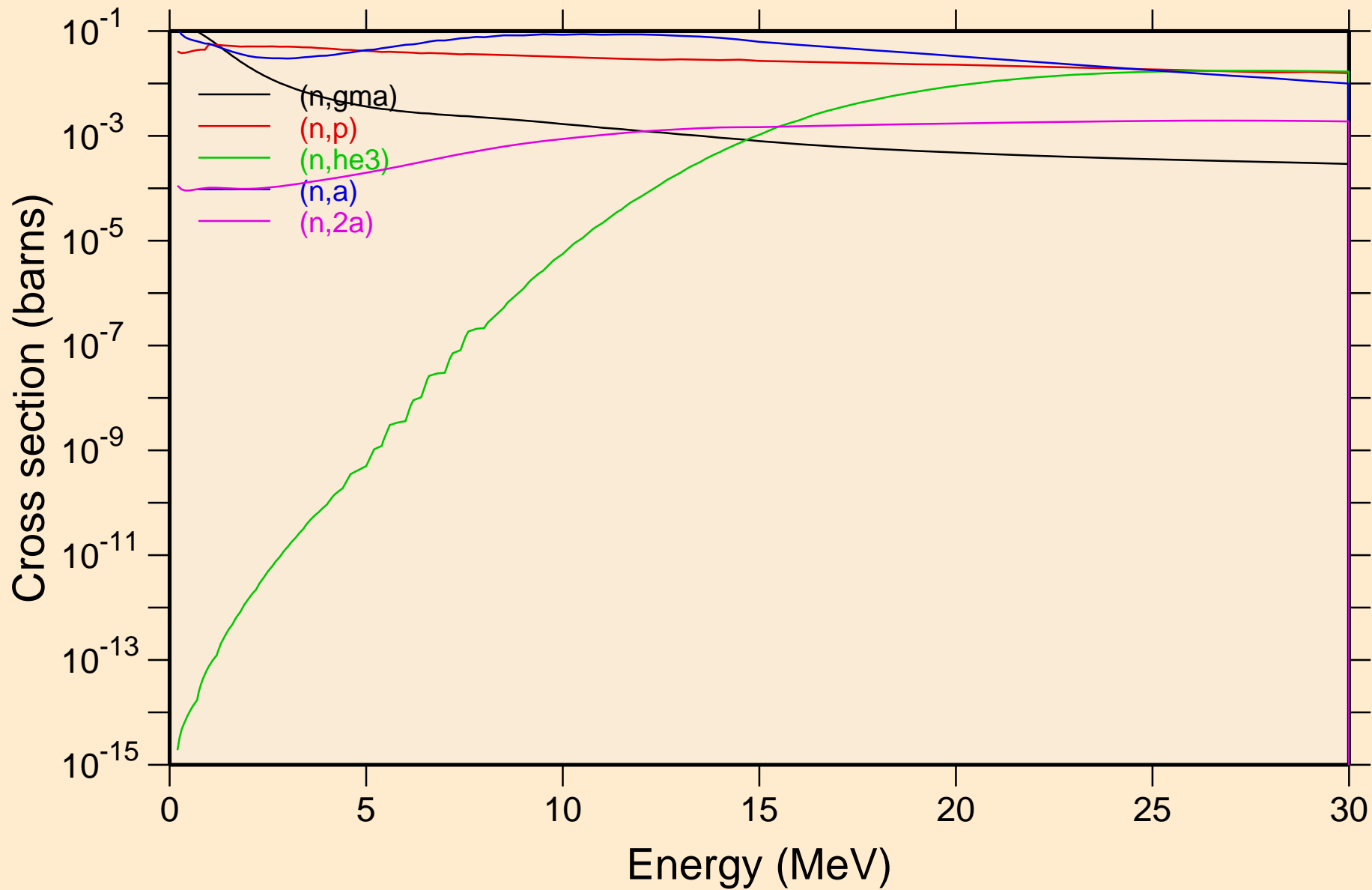
# GD137 NRG TENDL-2015, AKONING

## Principal cross sections



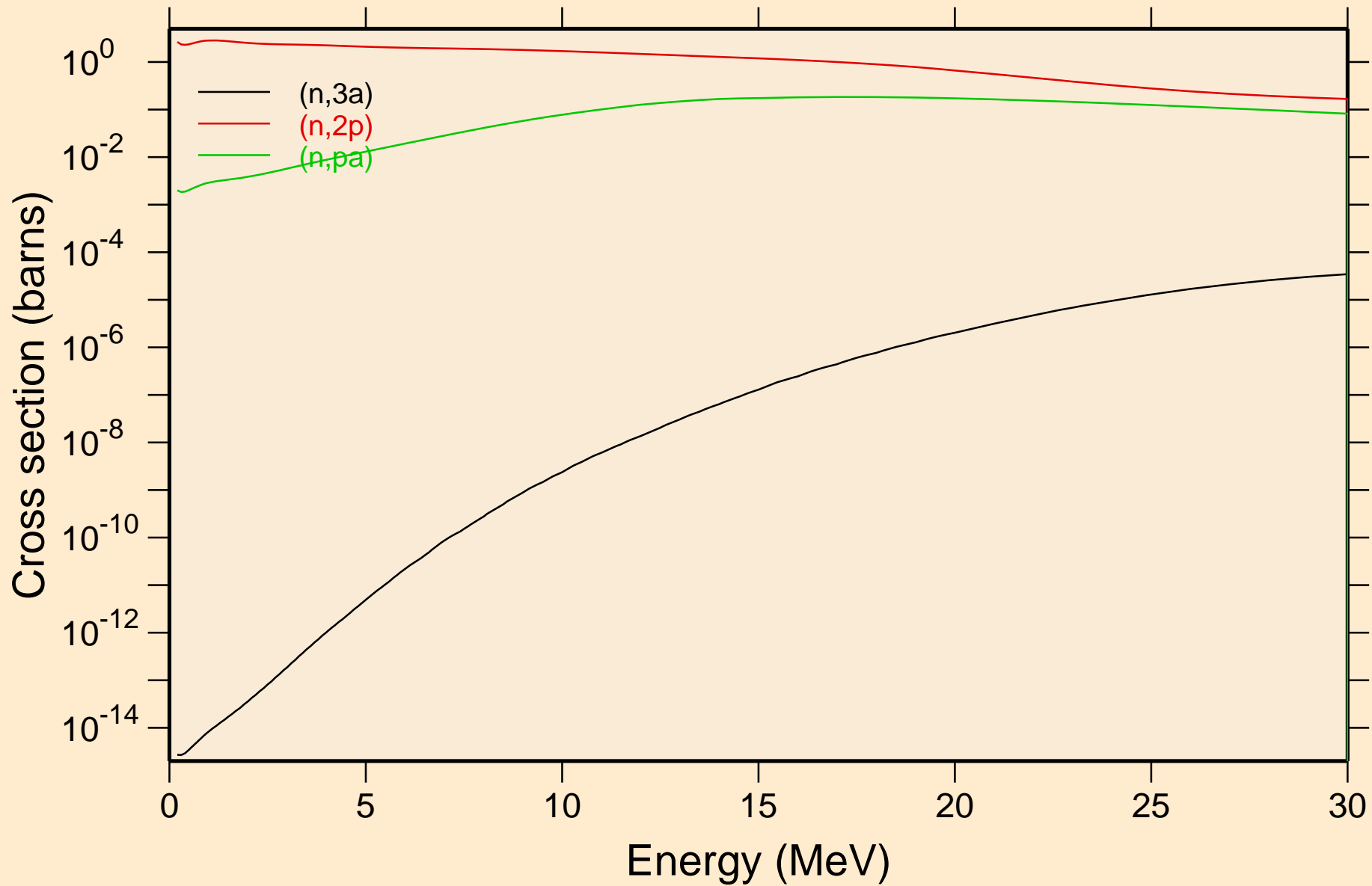
# GD137 NRG TENDL-2015, AKONING

## Non-threshold reactions



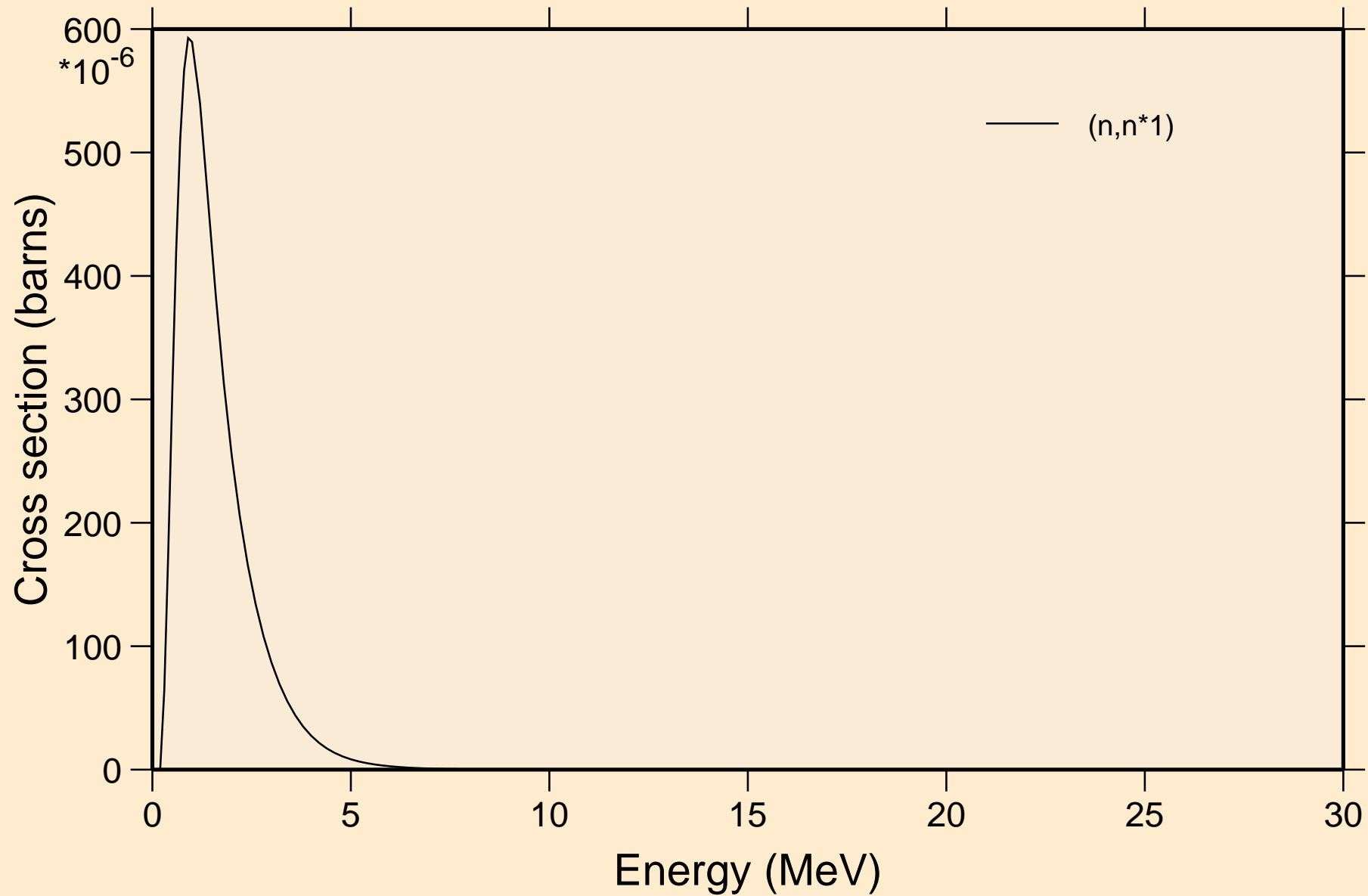
# GD137 NRG TENDL-2015, AKONING

## Non-threshold reactions



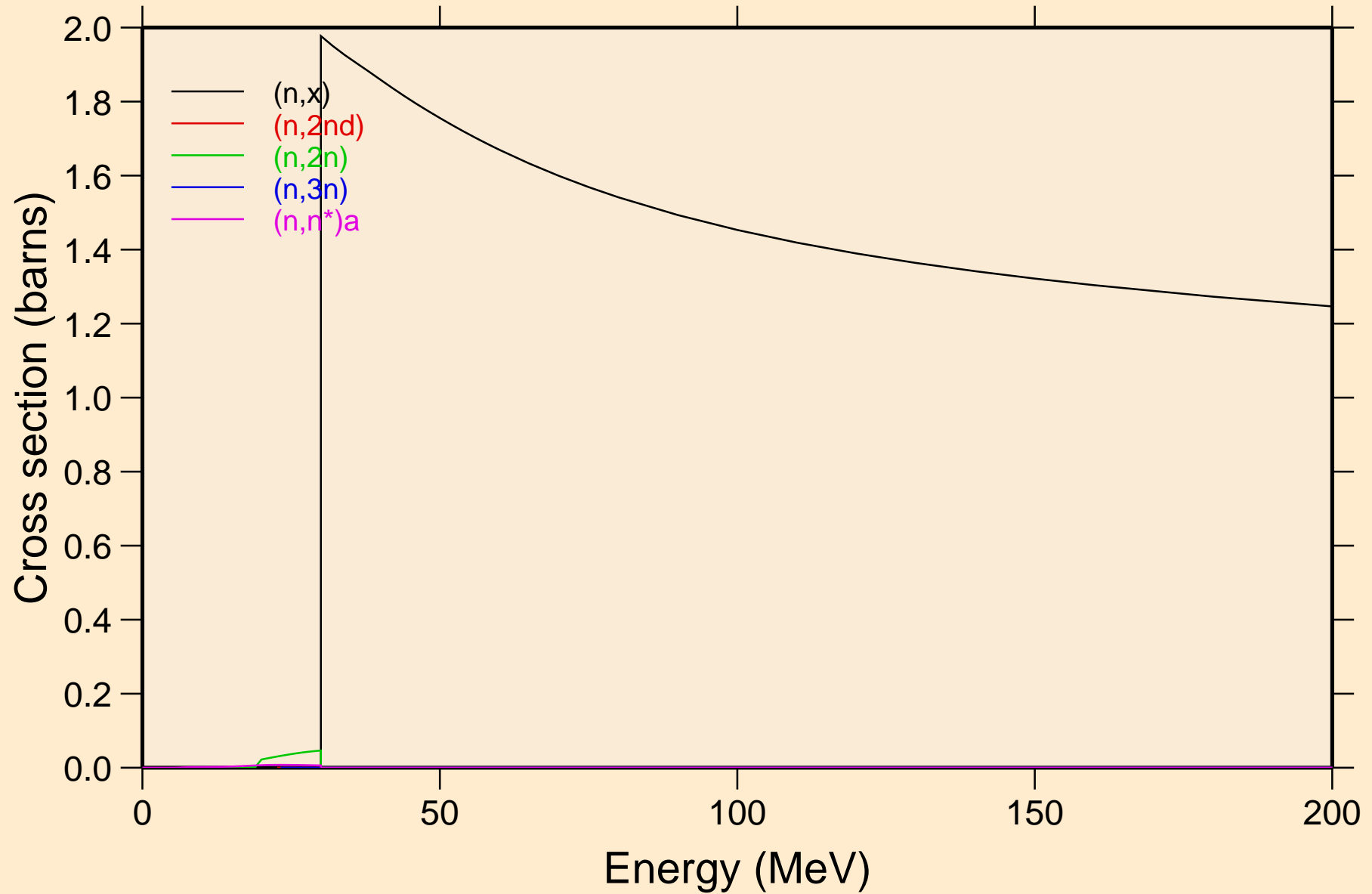
# GD137 NRG TENDL-2015, AKONING

## Inelastic levels



# GD137 NRG TENDL-2015, AKONING

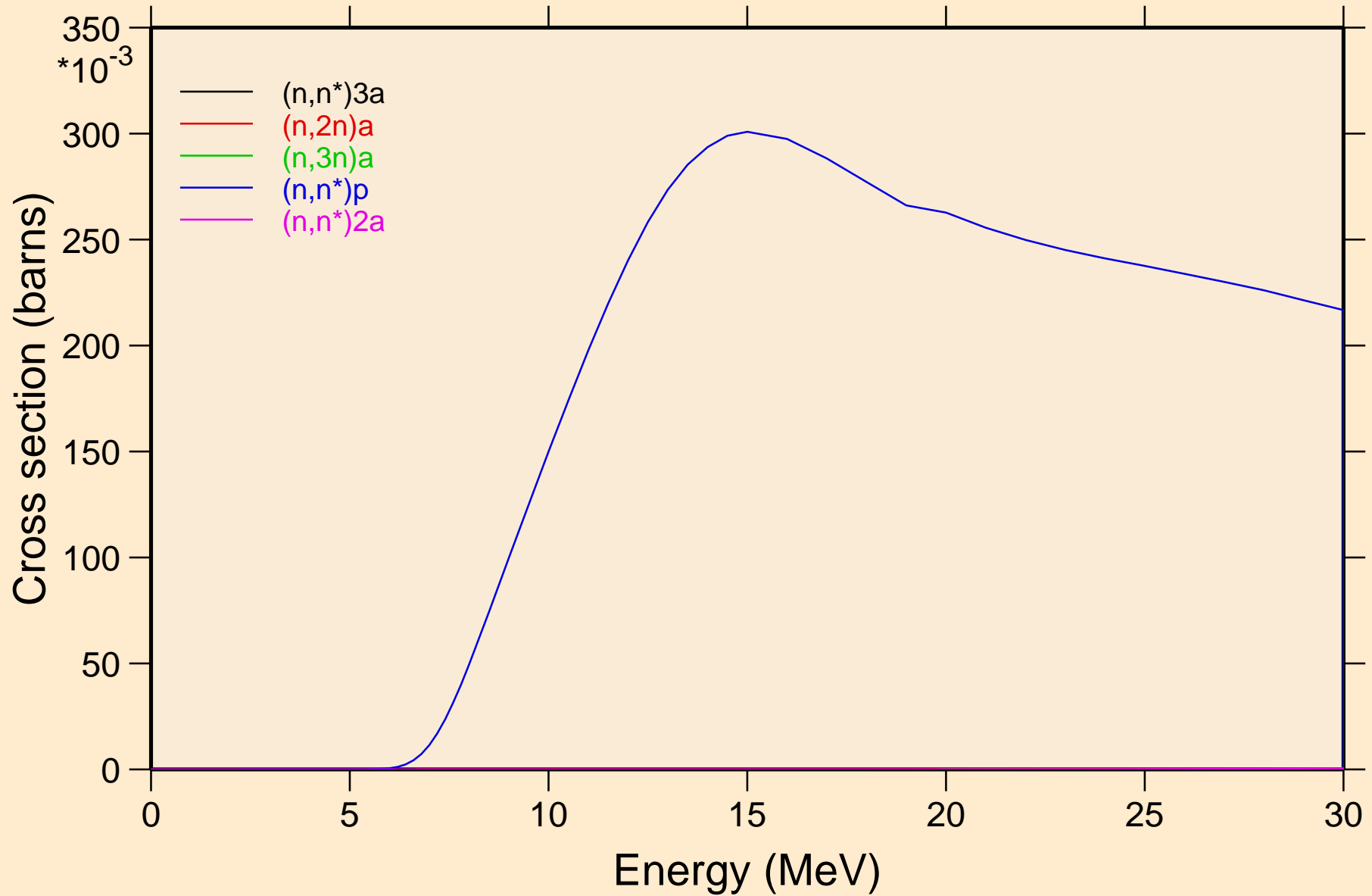
## Threshold reactions





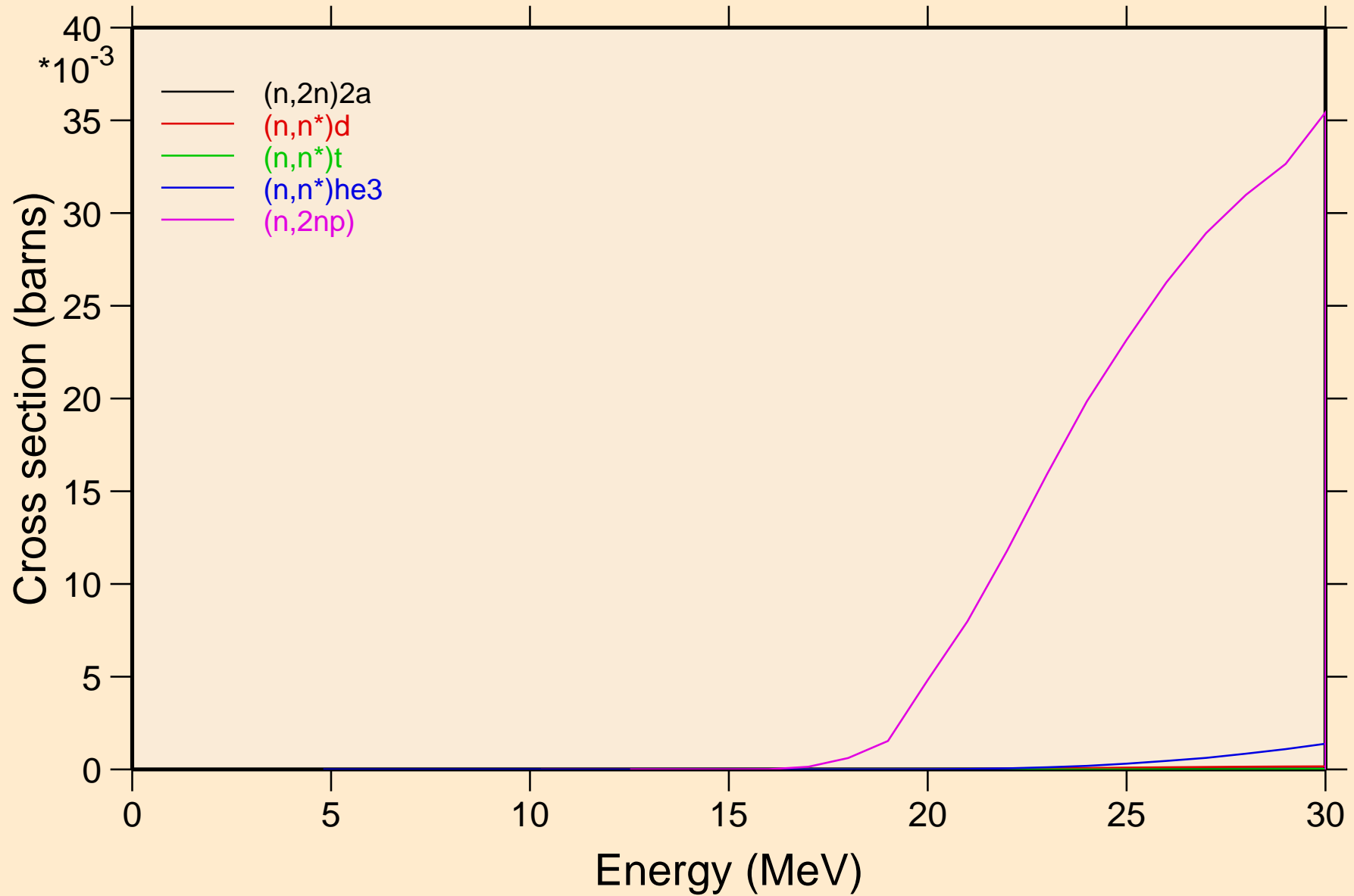
# GD137 NRG TENDL-2015, AKONING

## Threshold reactions



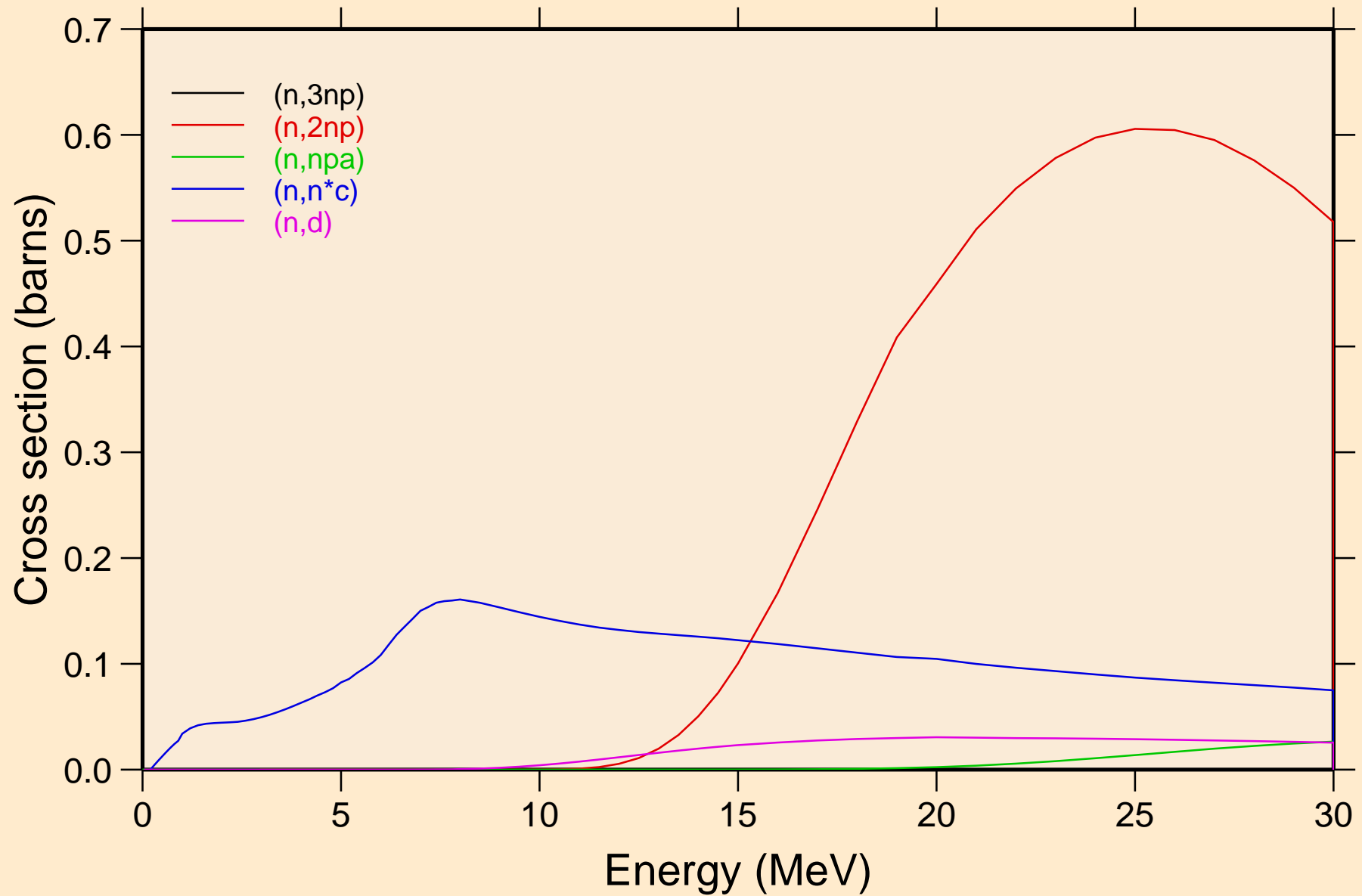
# GD137 NRG TENDL-2015, AKONING

## Threshold reactions



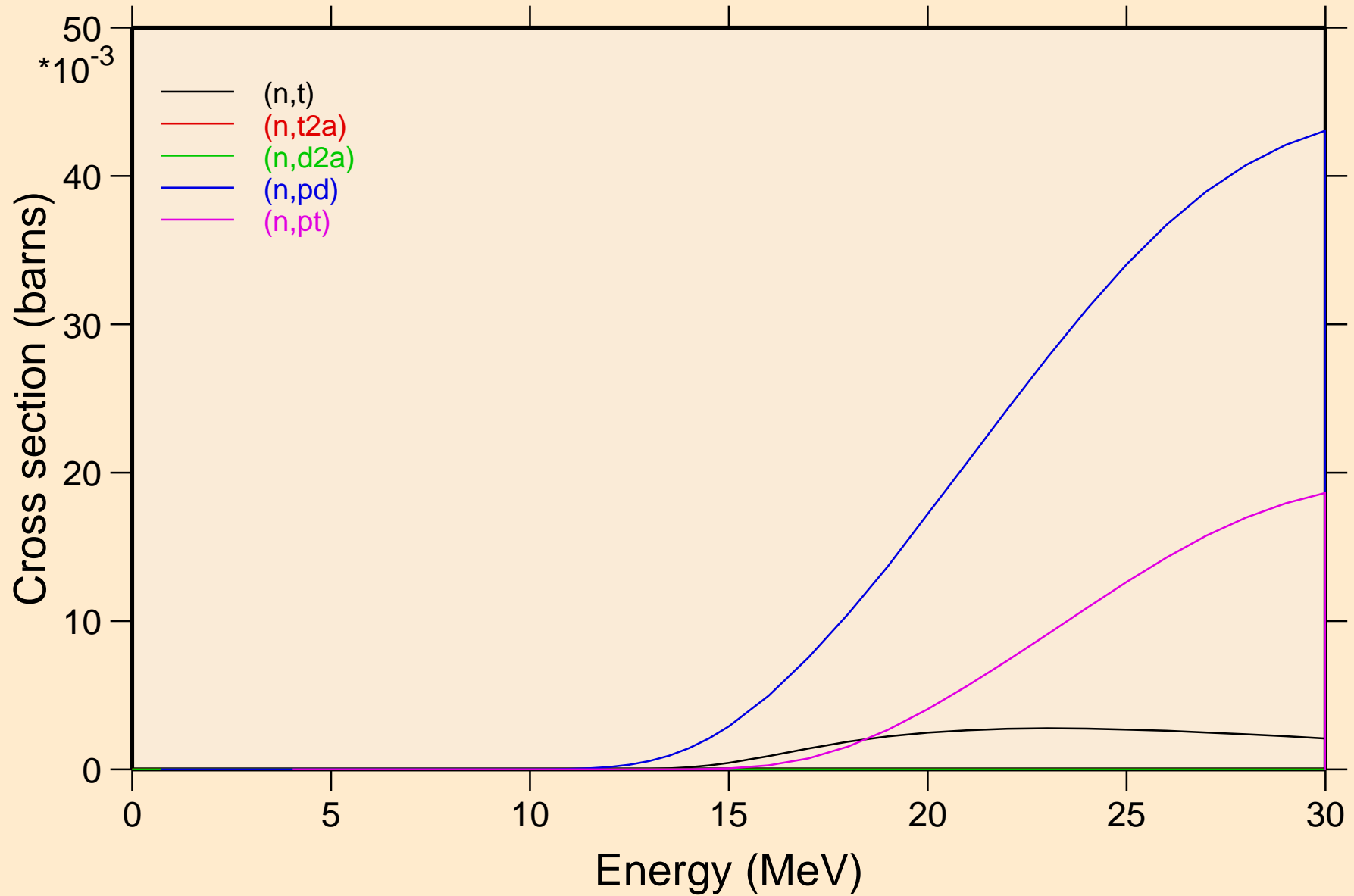
# GD137 NRG TENDL-2015, AKONING

## Threshold reactions



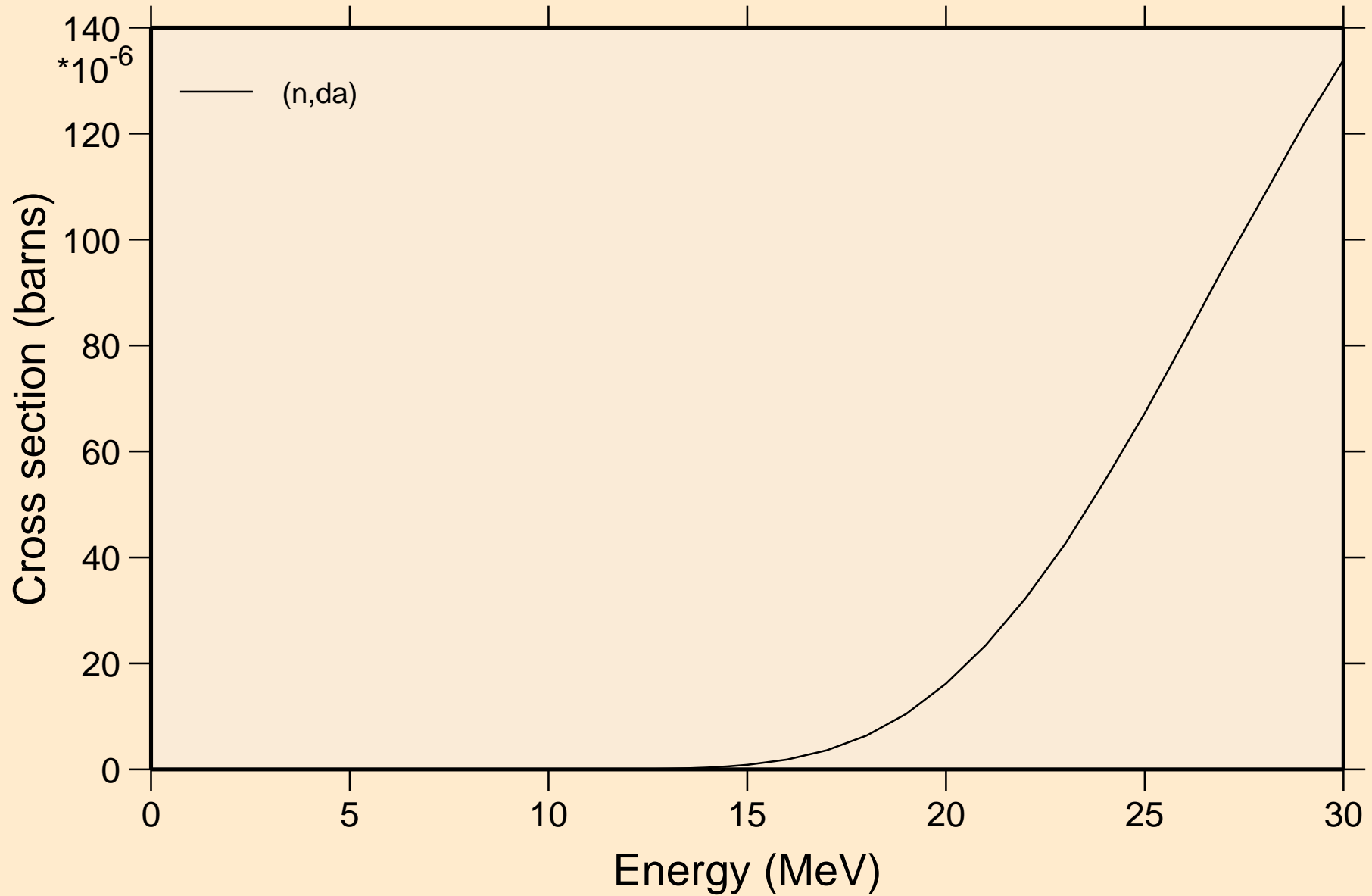
# GD137 NRG TENDL-2015, AKONING

## Threshold reactions

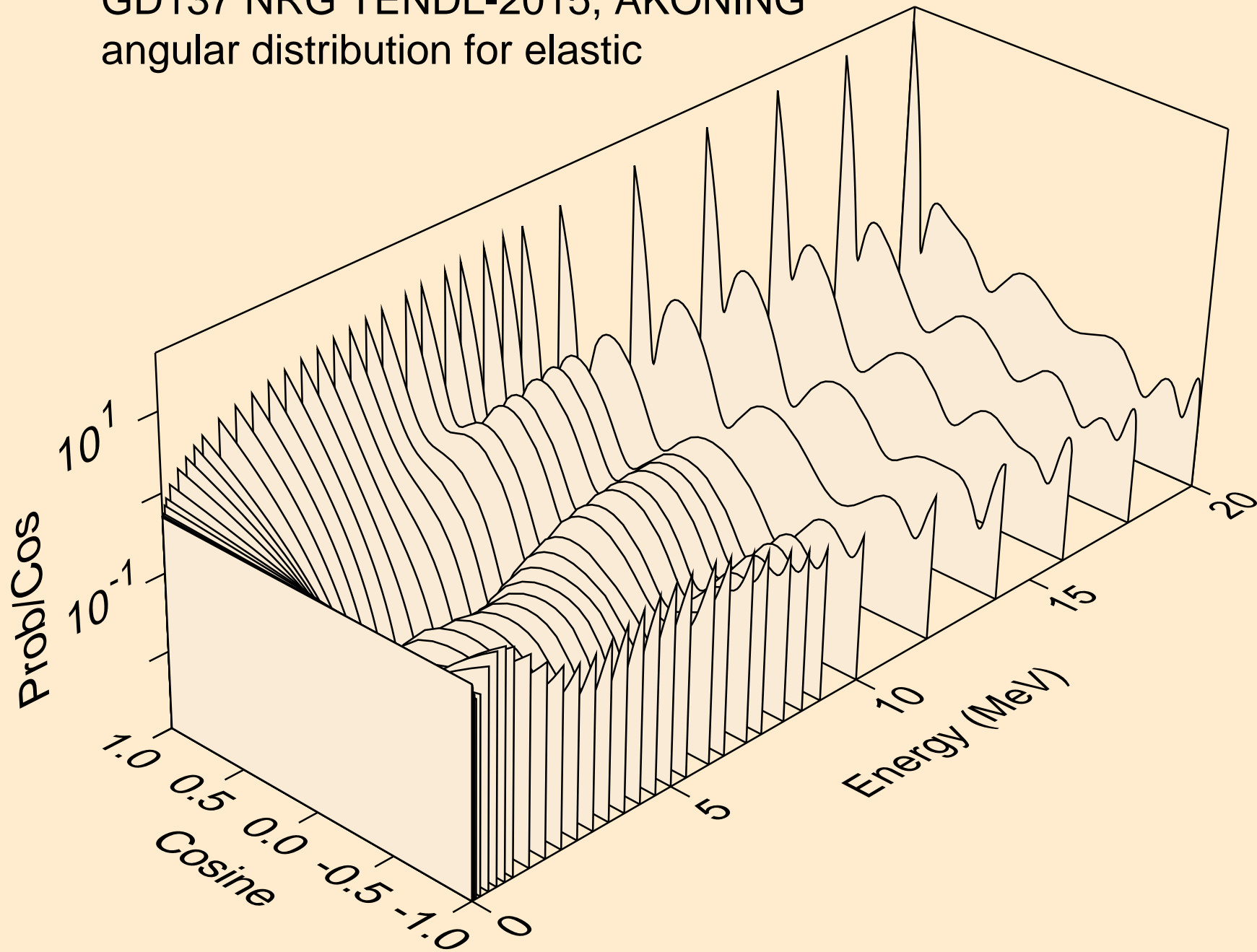


# GD137 NRG TENDL-2015, AKONING

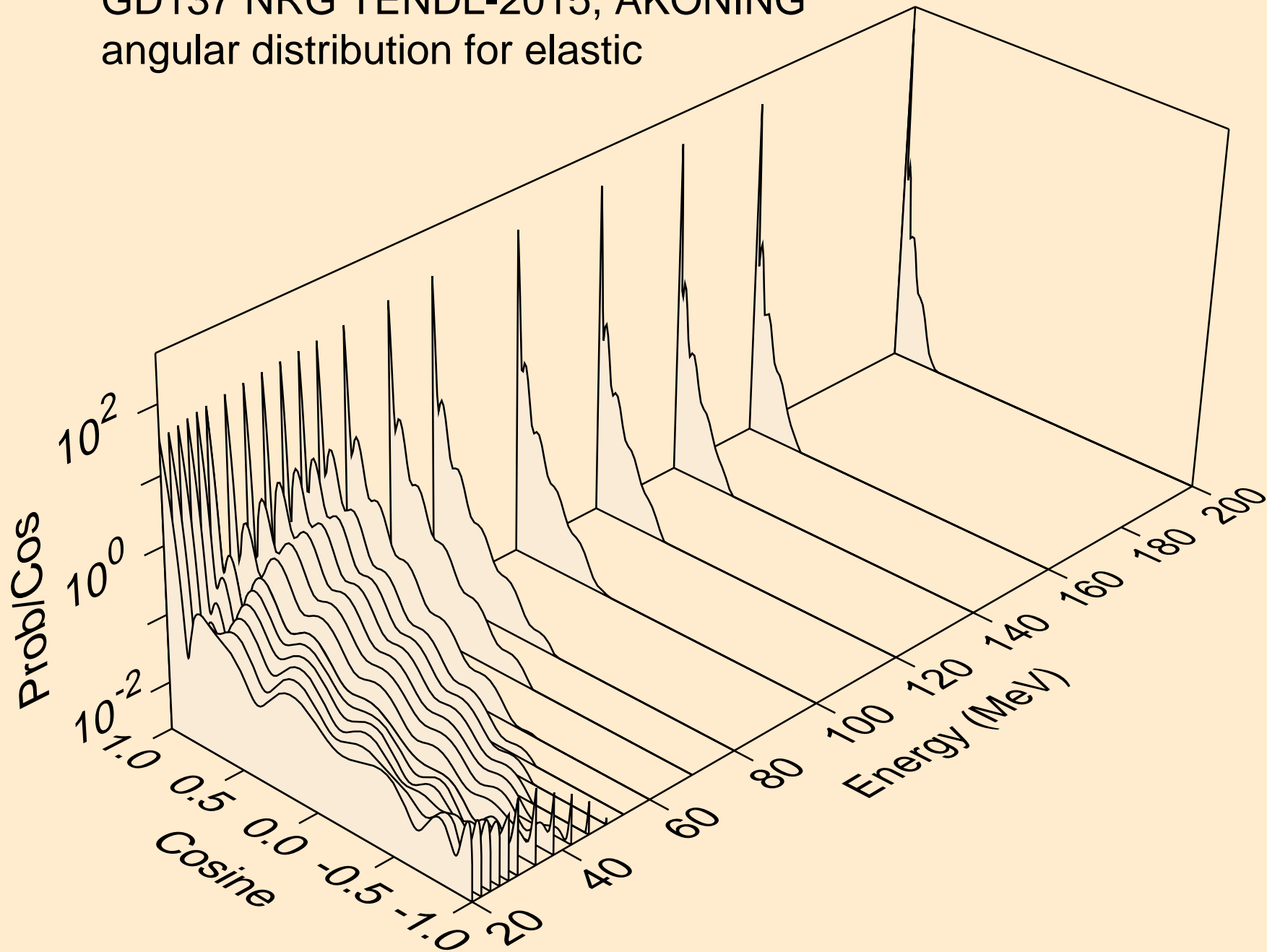
## Threshold reactions



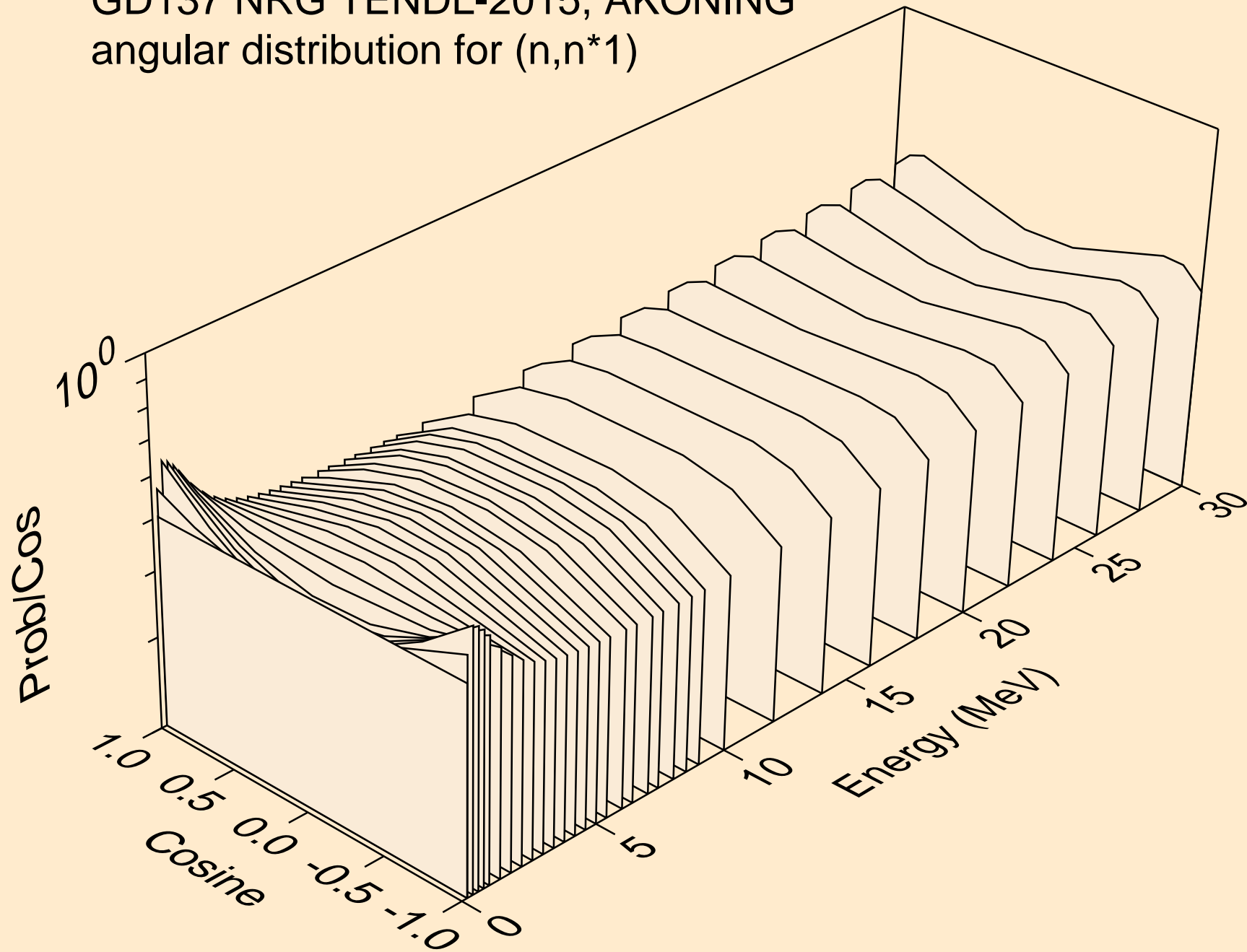
GD137 NRG TENDL-2015, AKONING  
angular distribution for elastic



GD137 NRG TENDL-2015, AKONING  
angular distribution for elastic

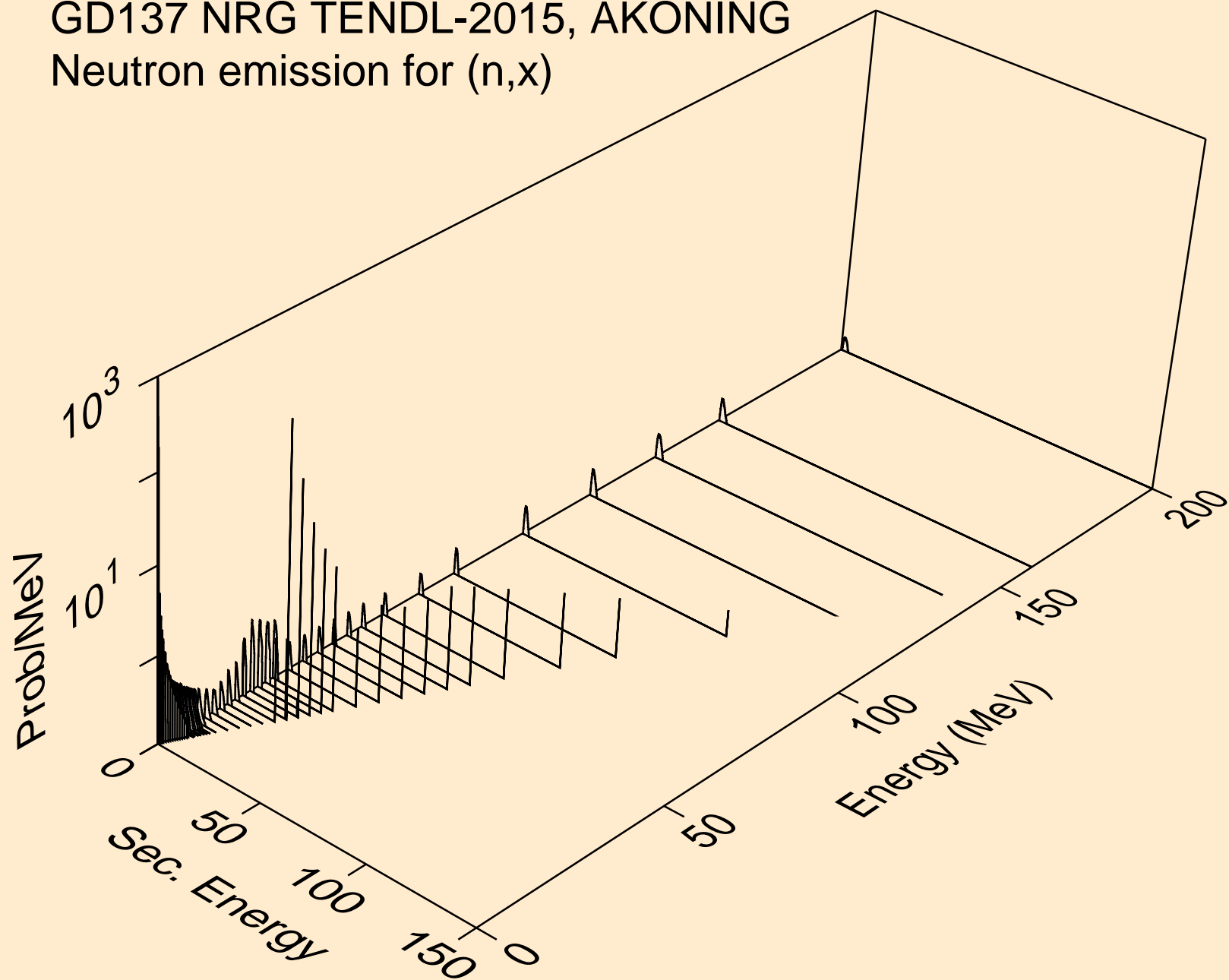


GD137 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

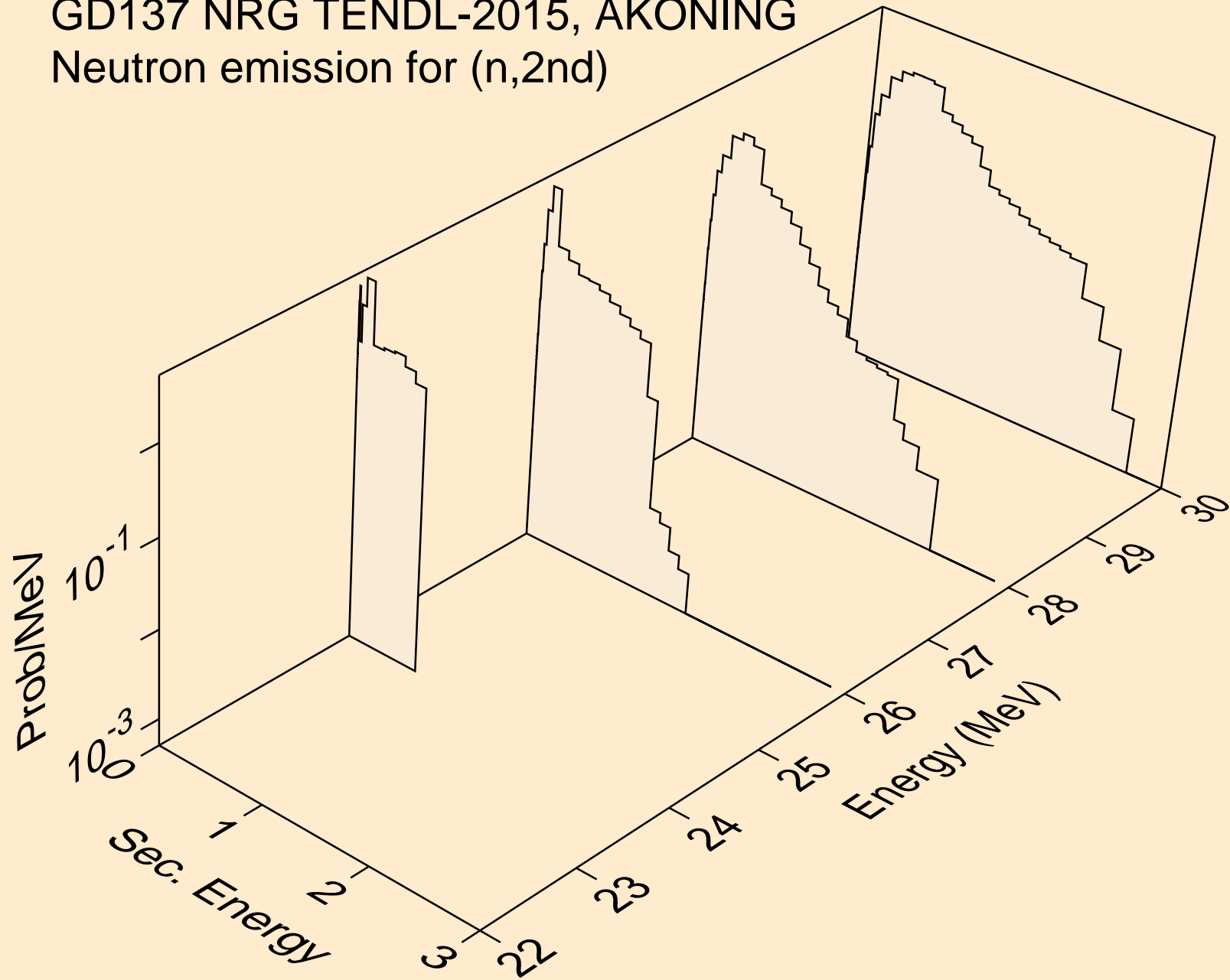




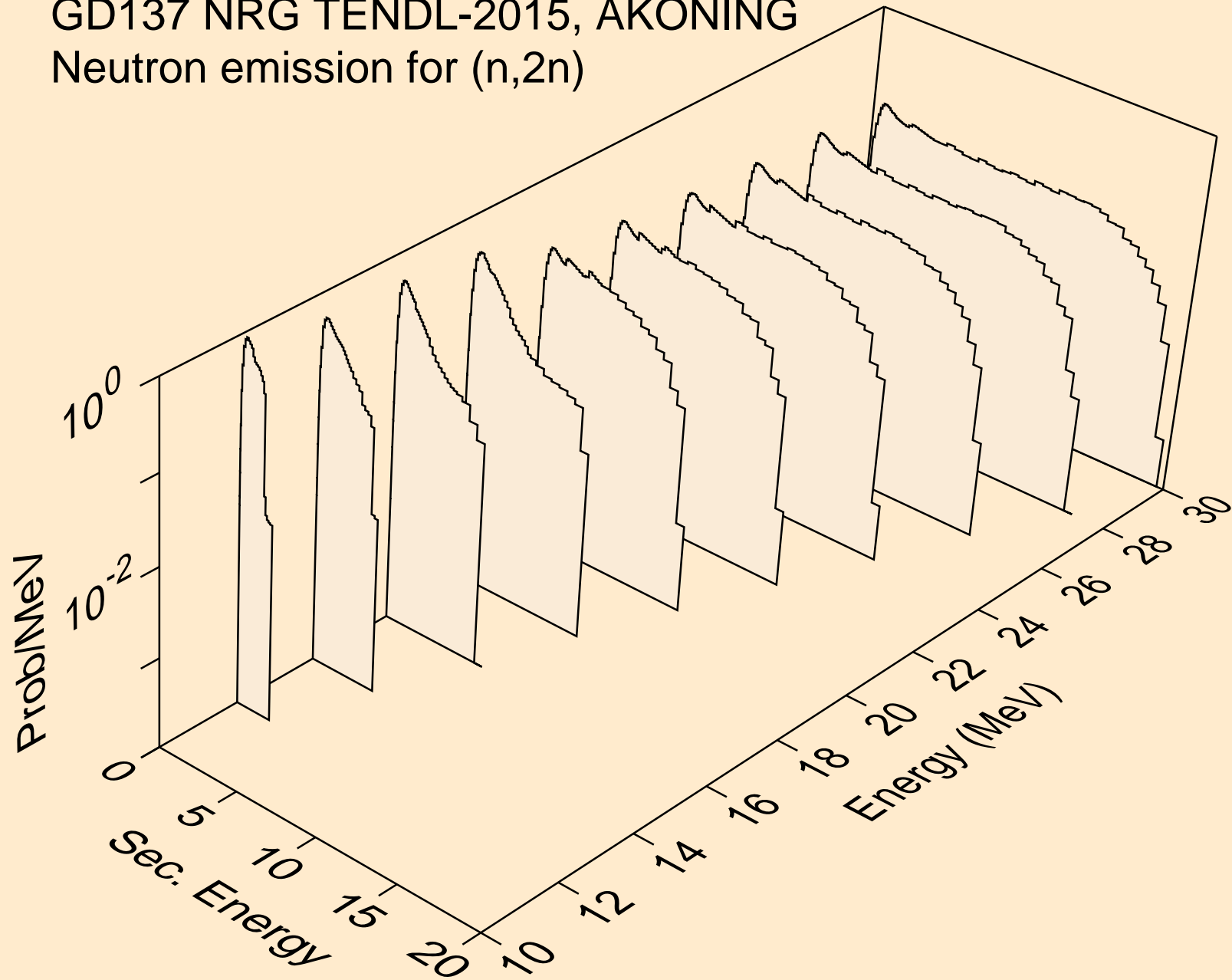
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



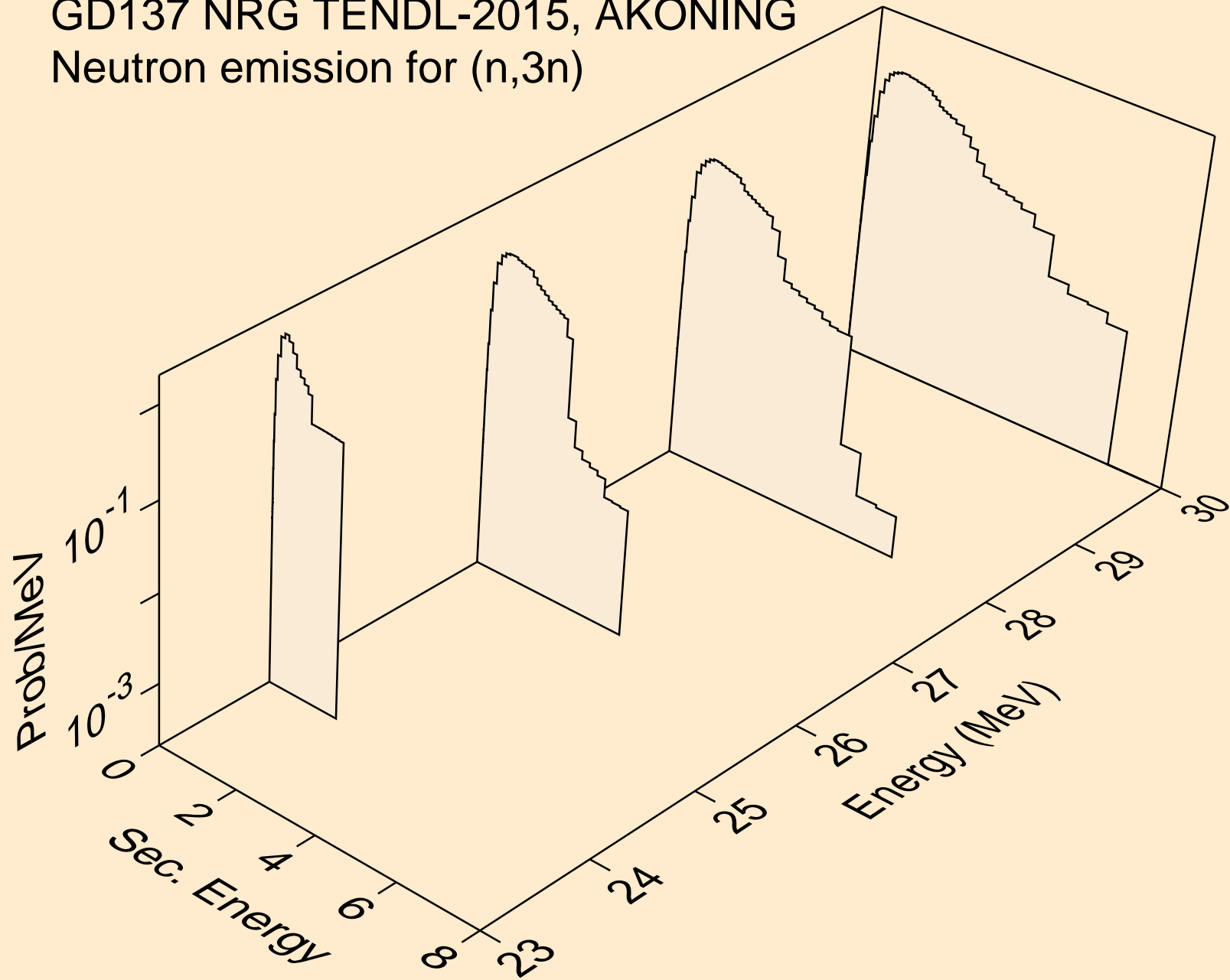
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



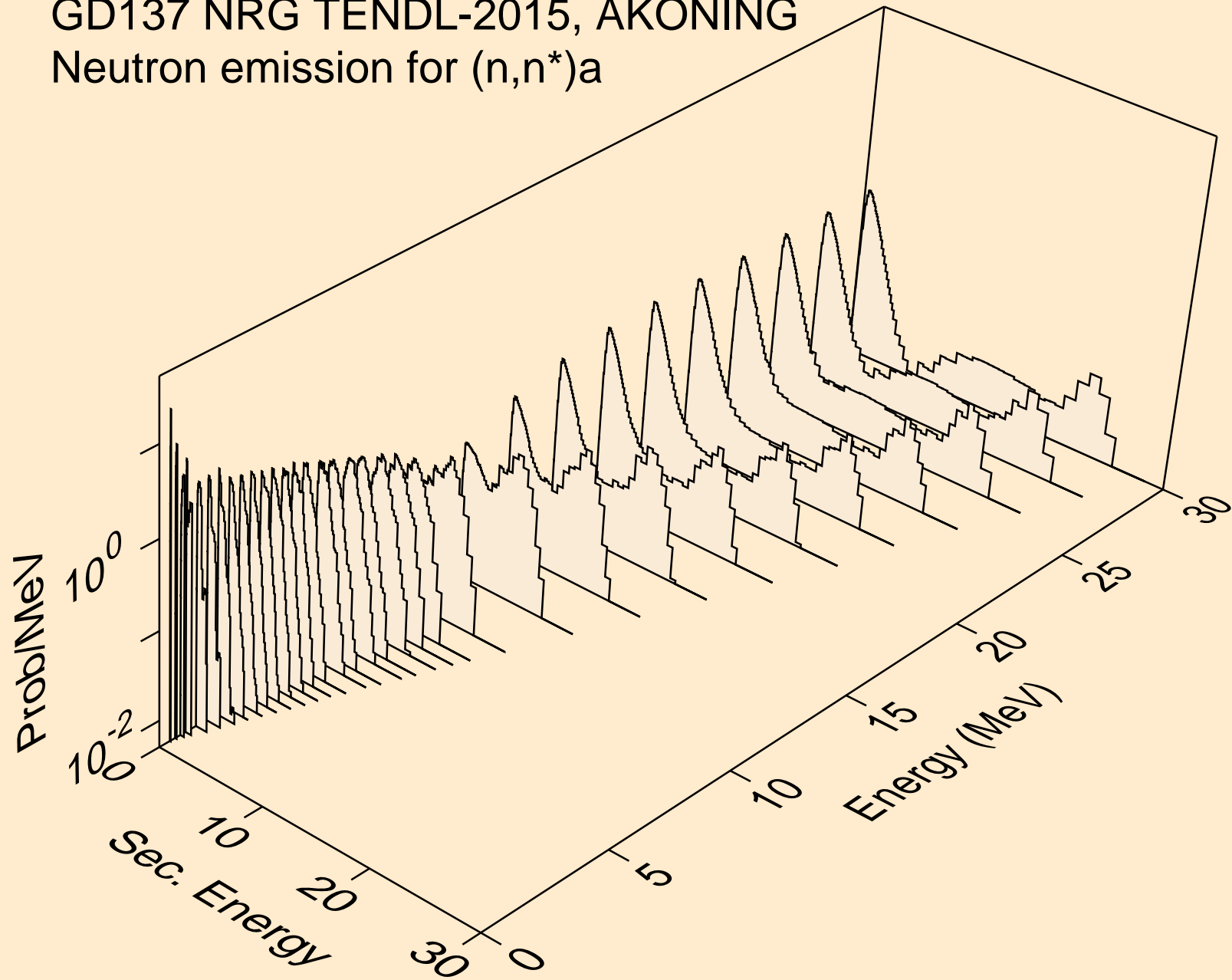
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



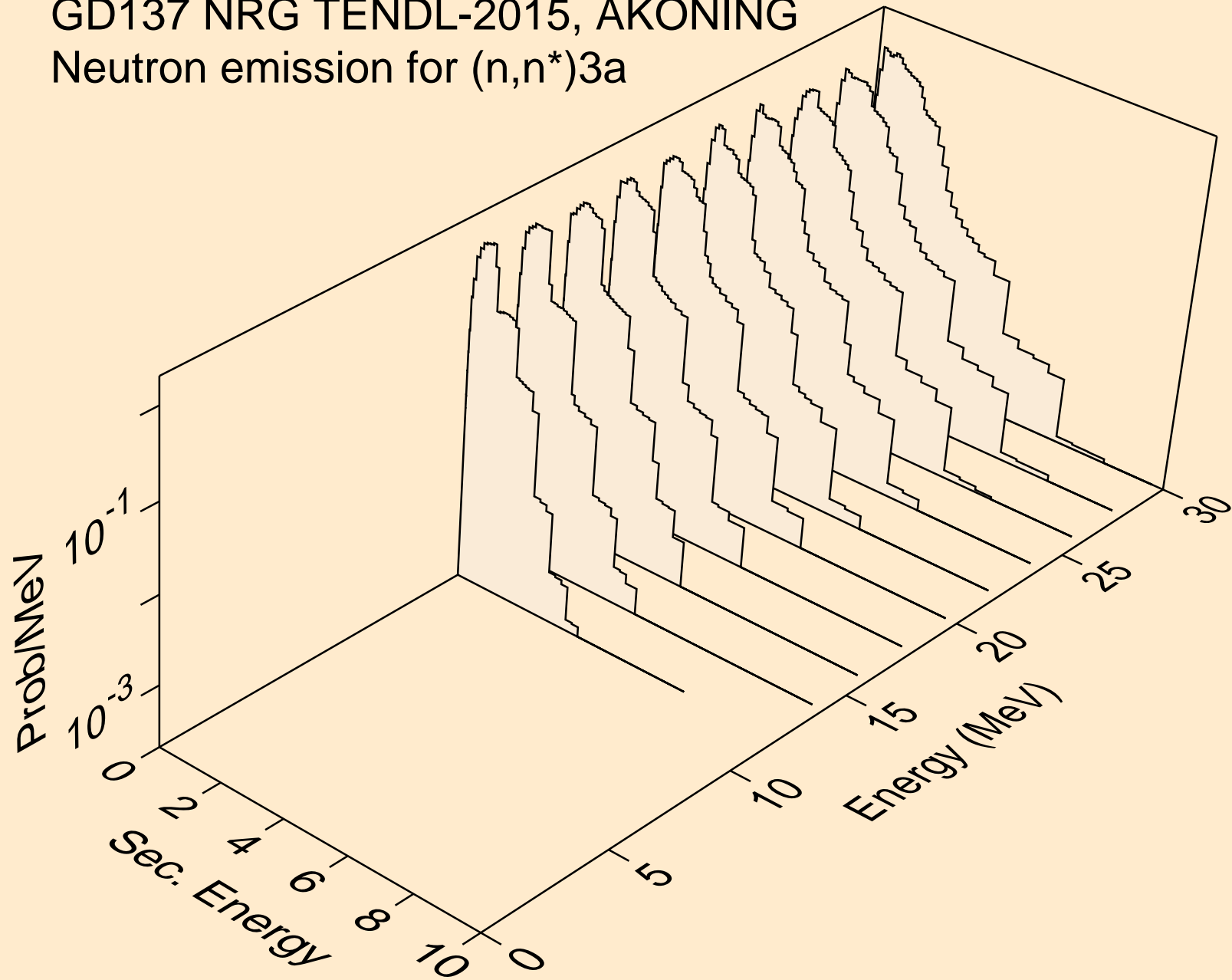
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



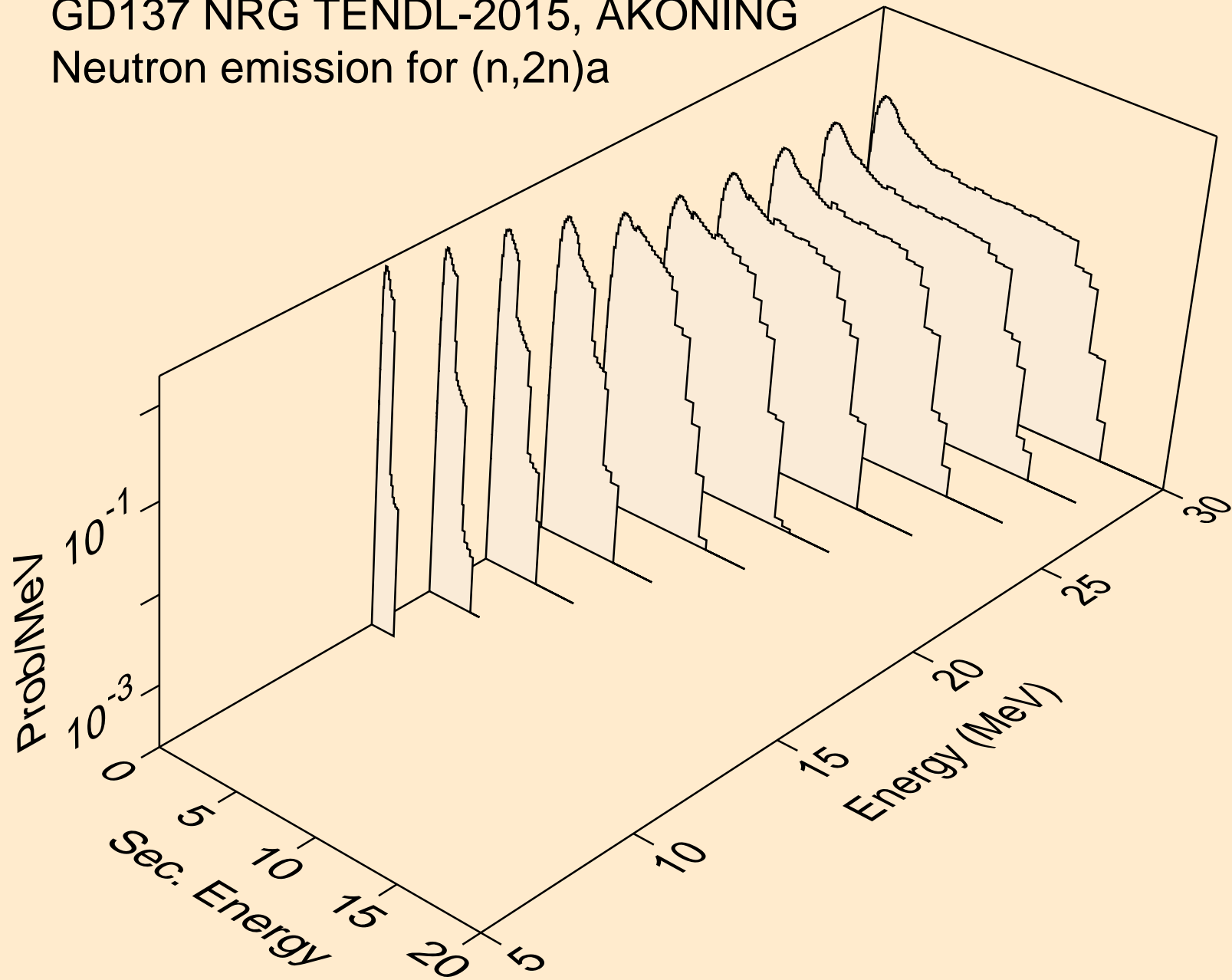
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



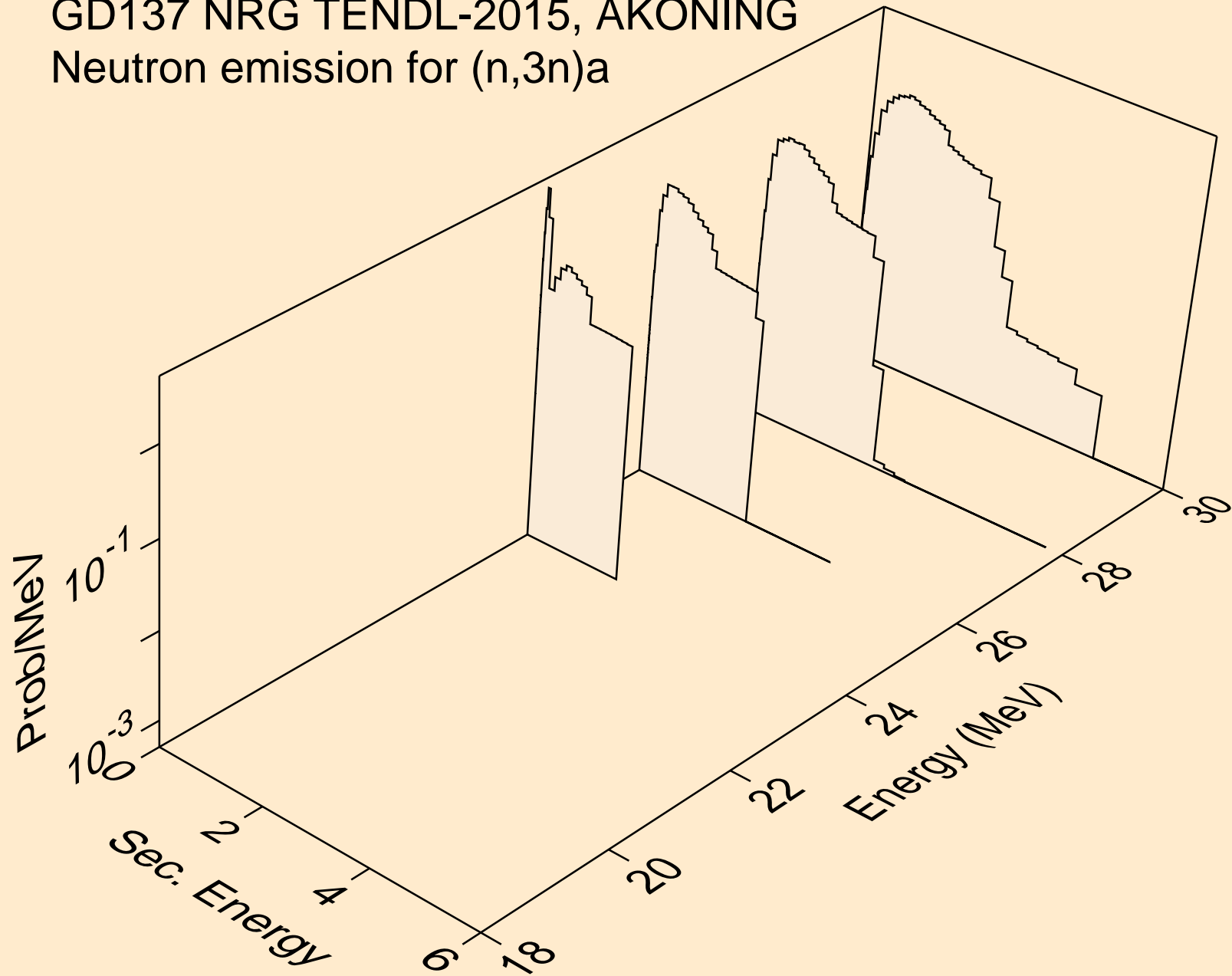
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

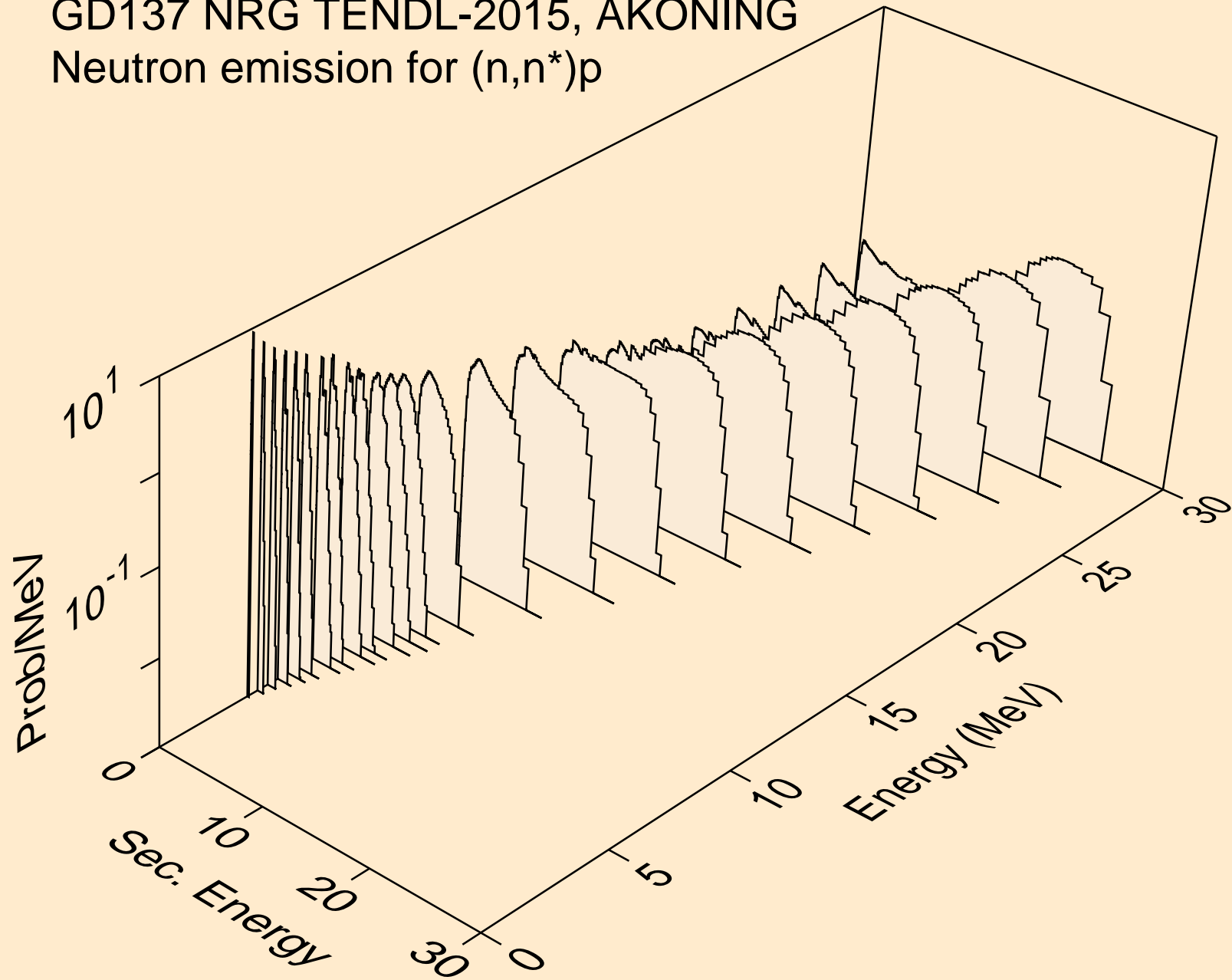


GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

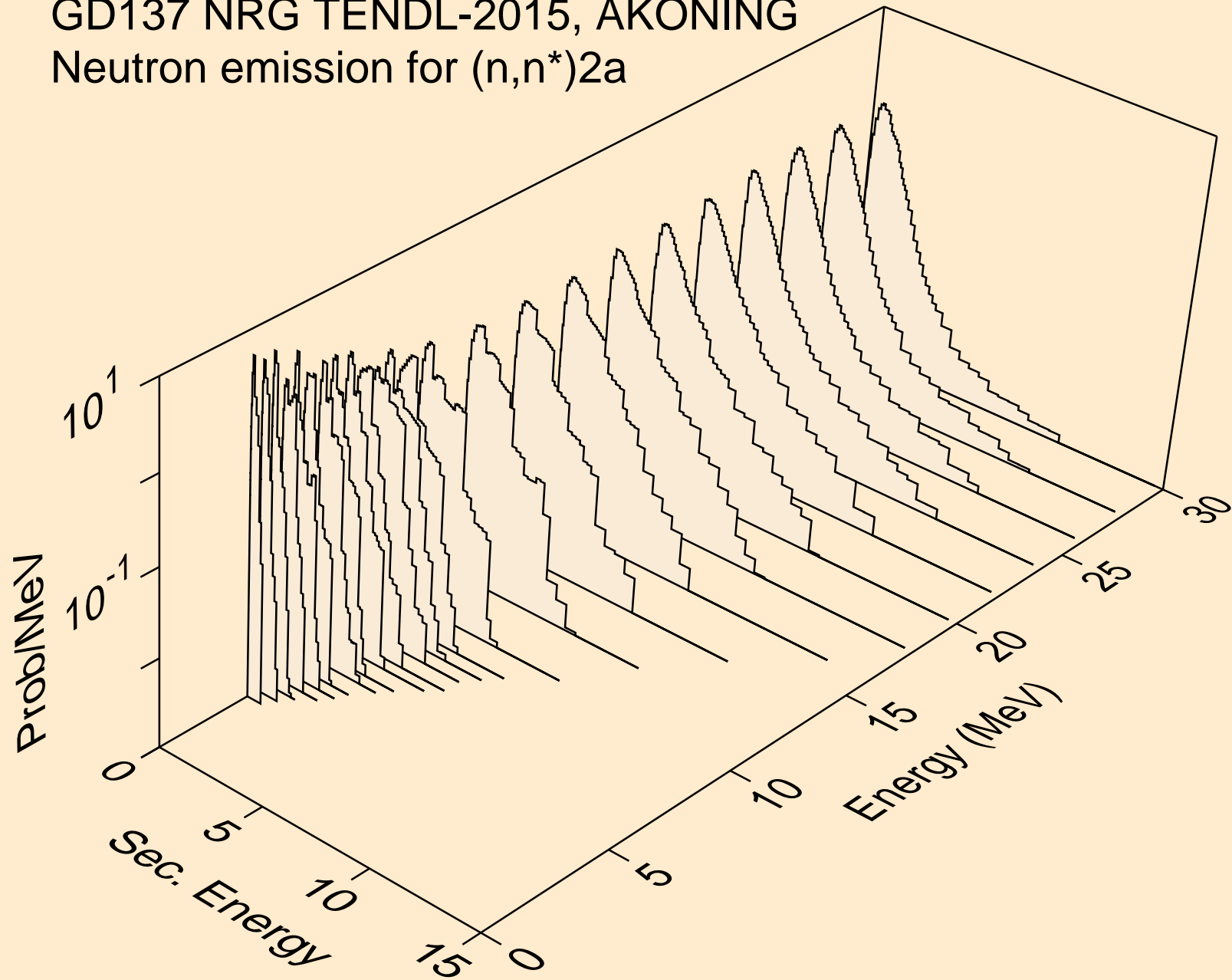




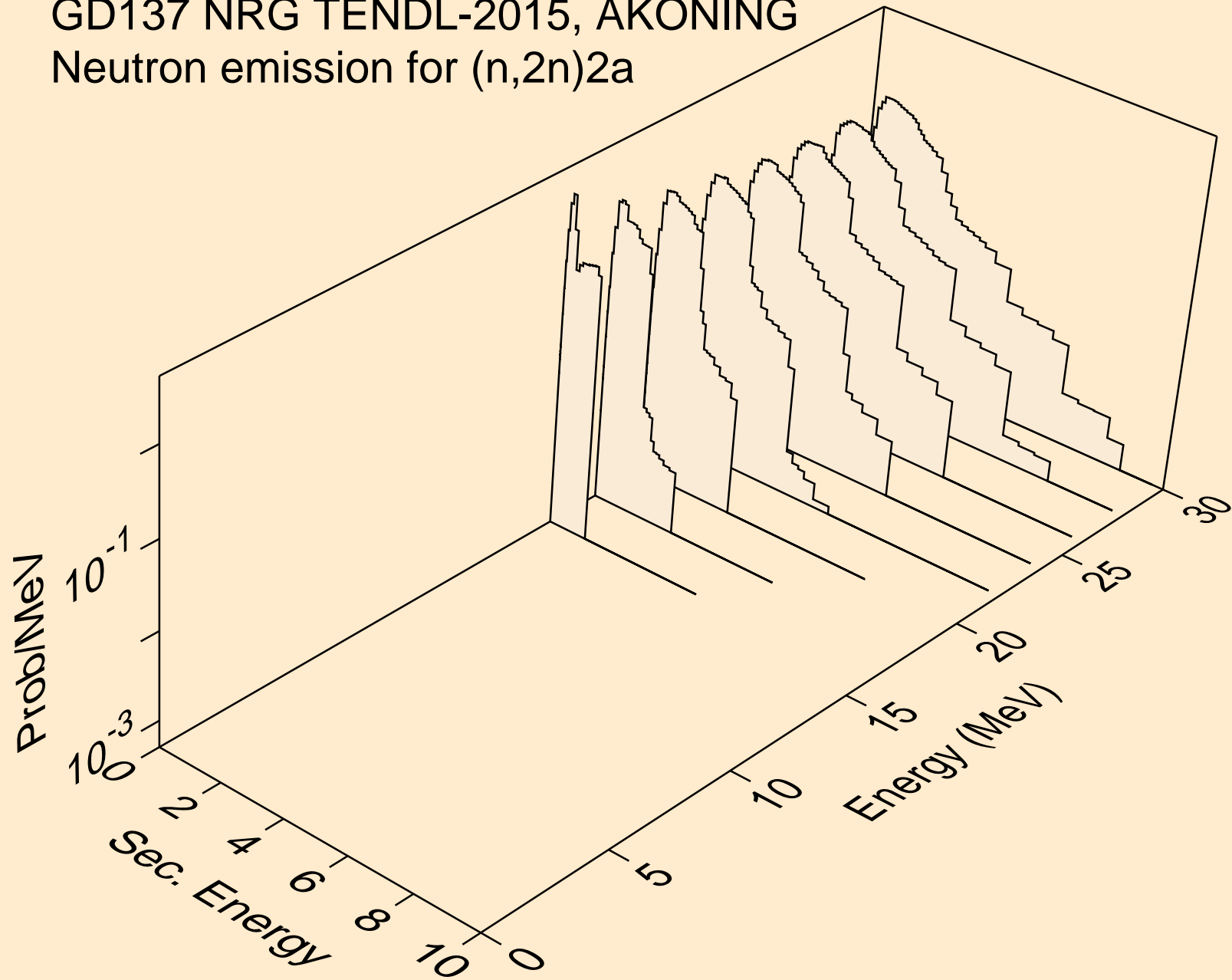
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



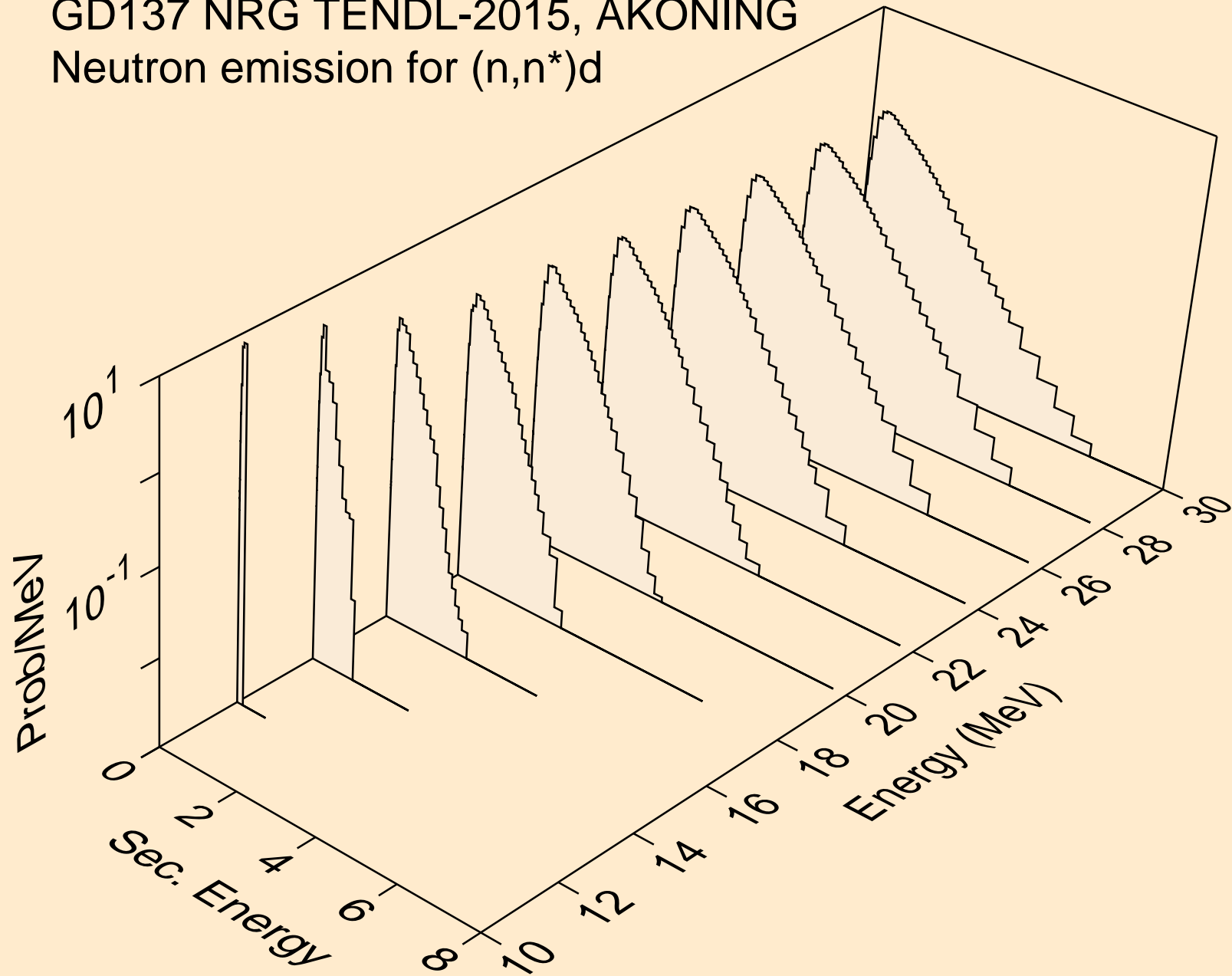
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



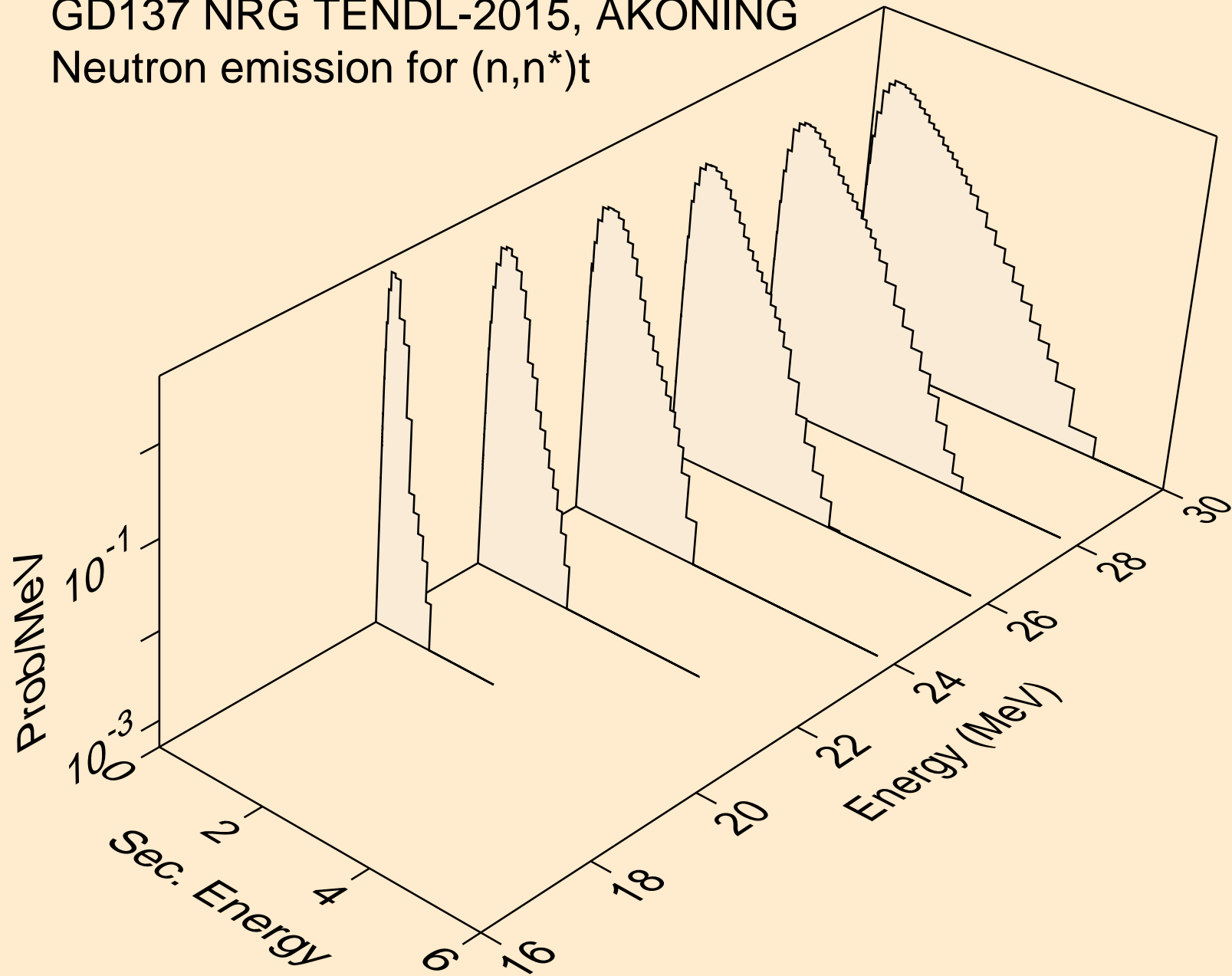
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



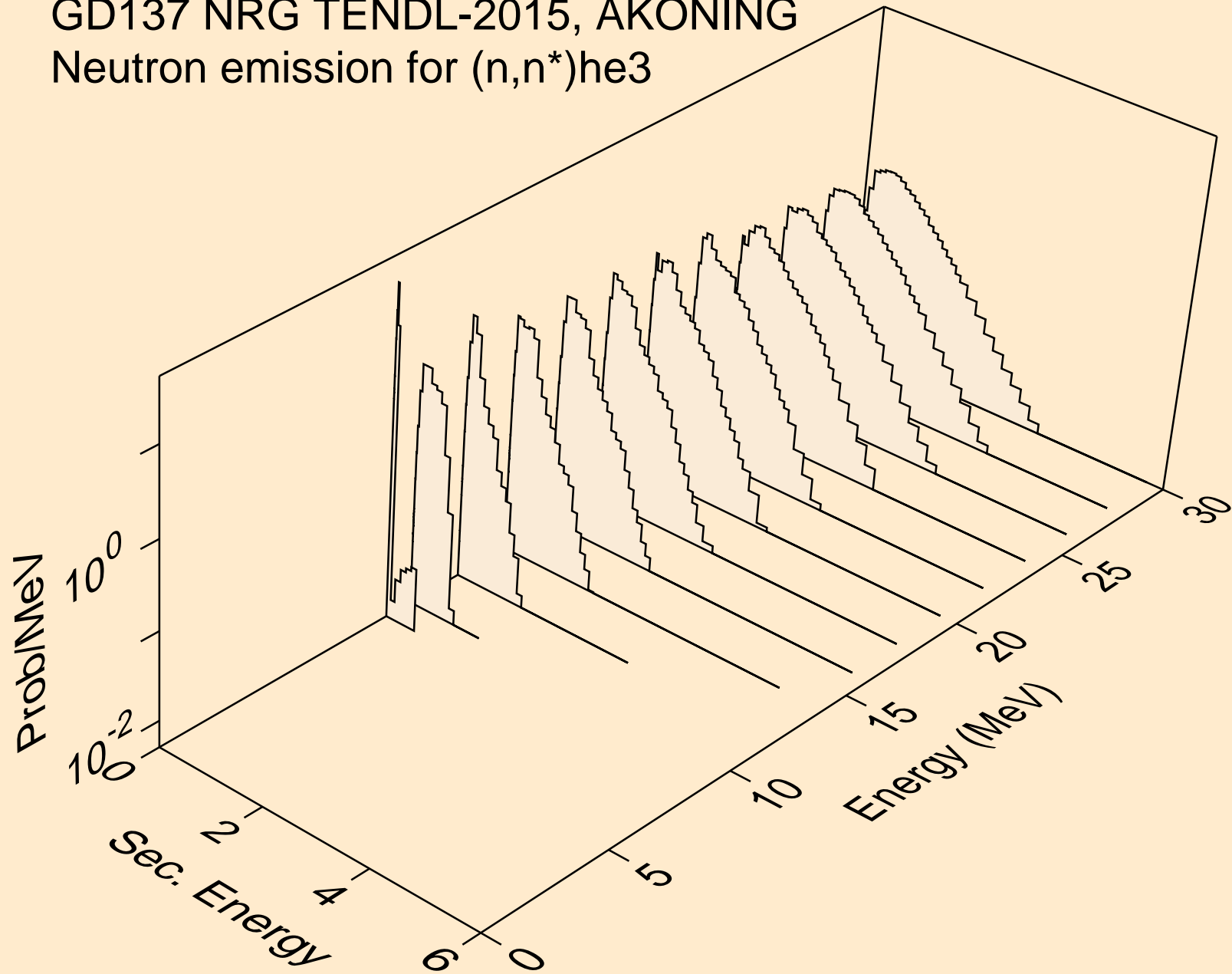
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



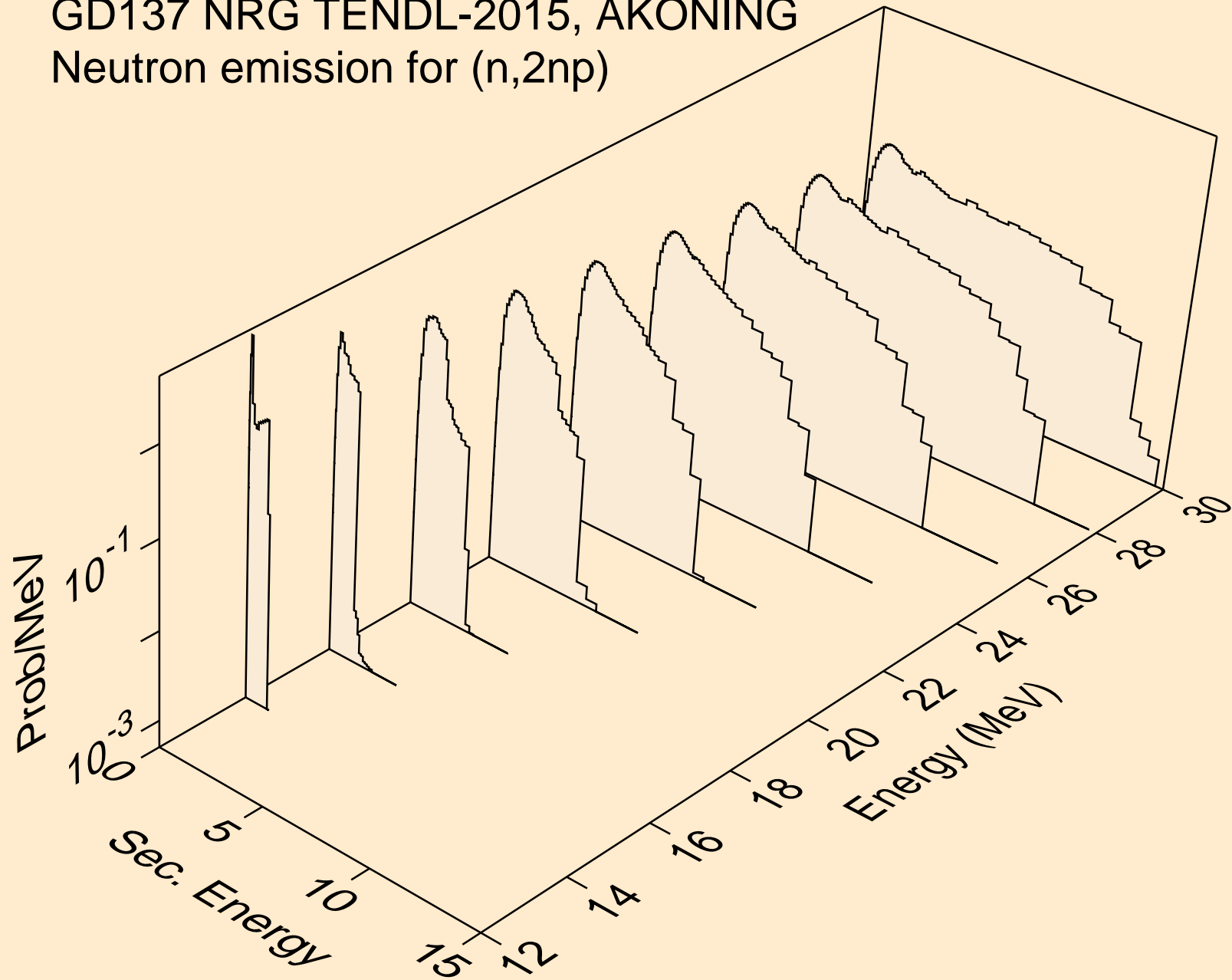
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



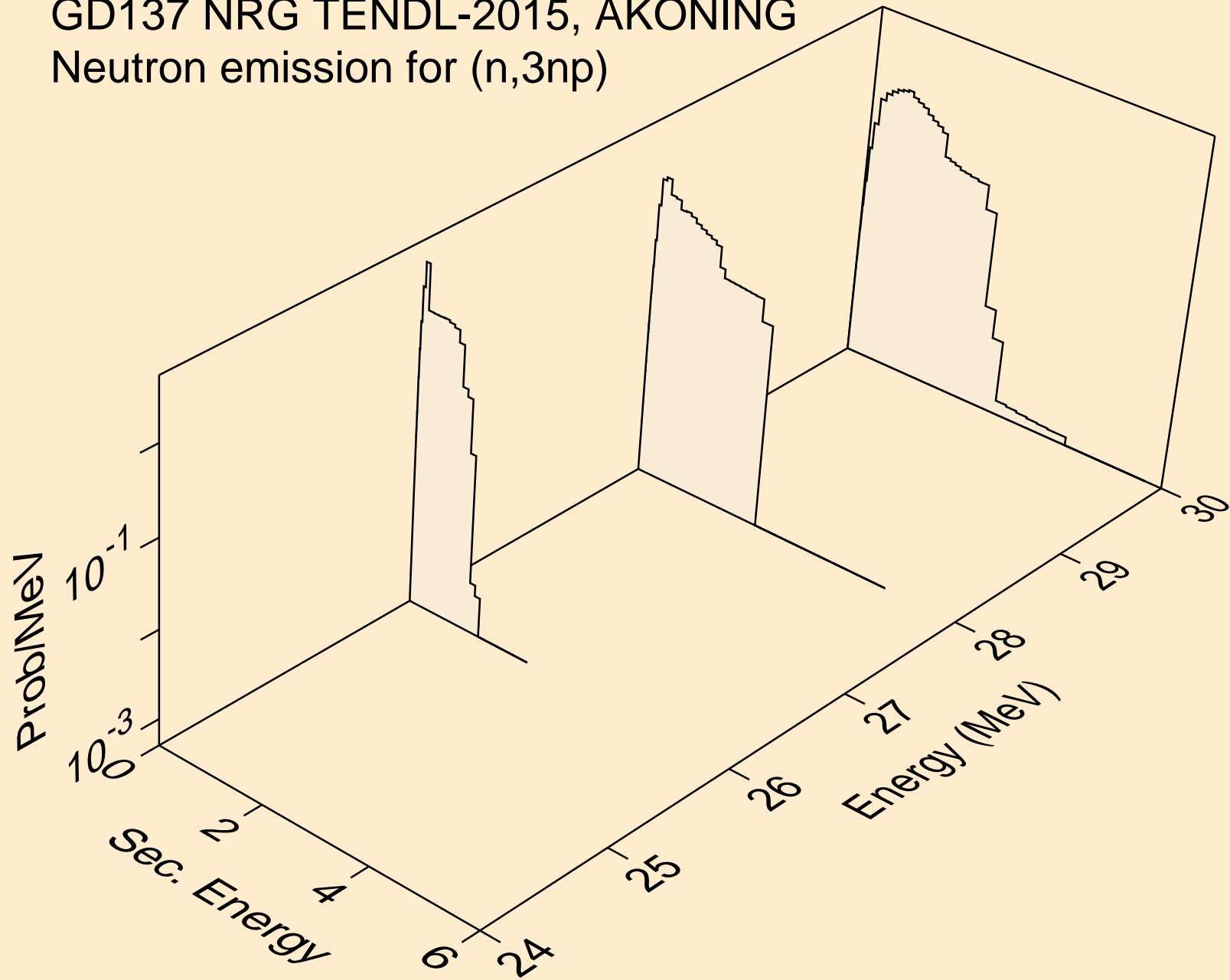
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

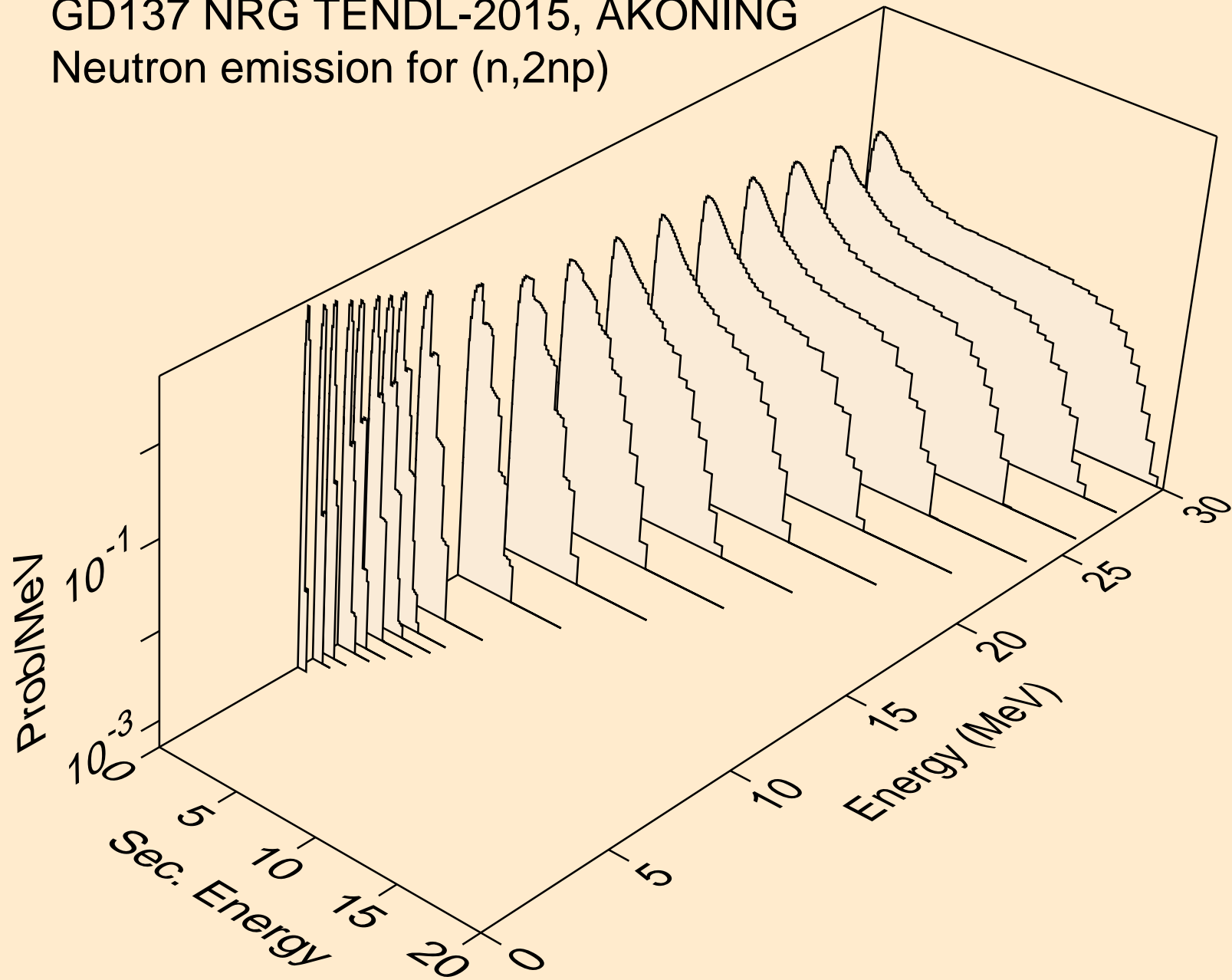


GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

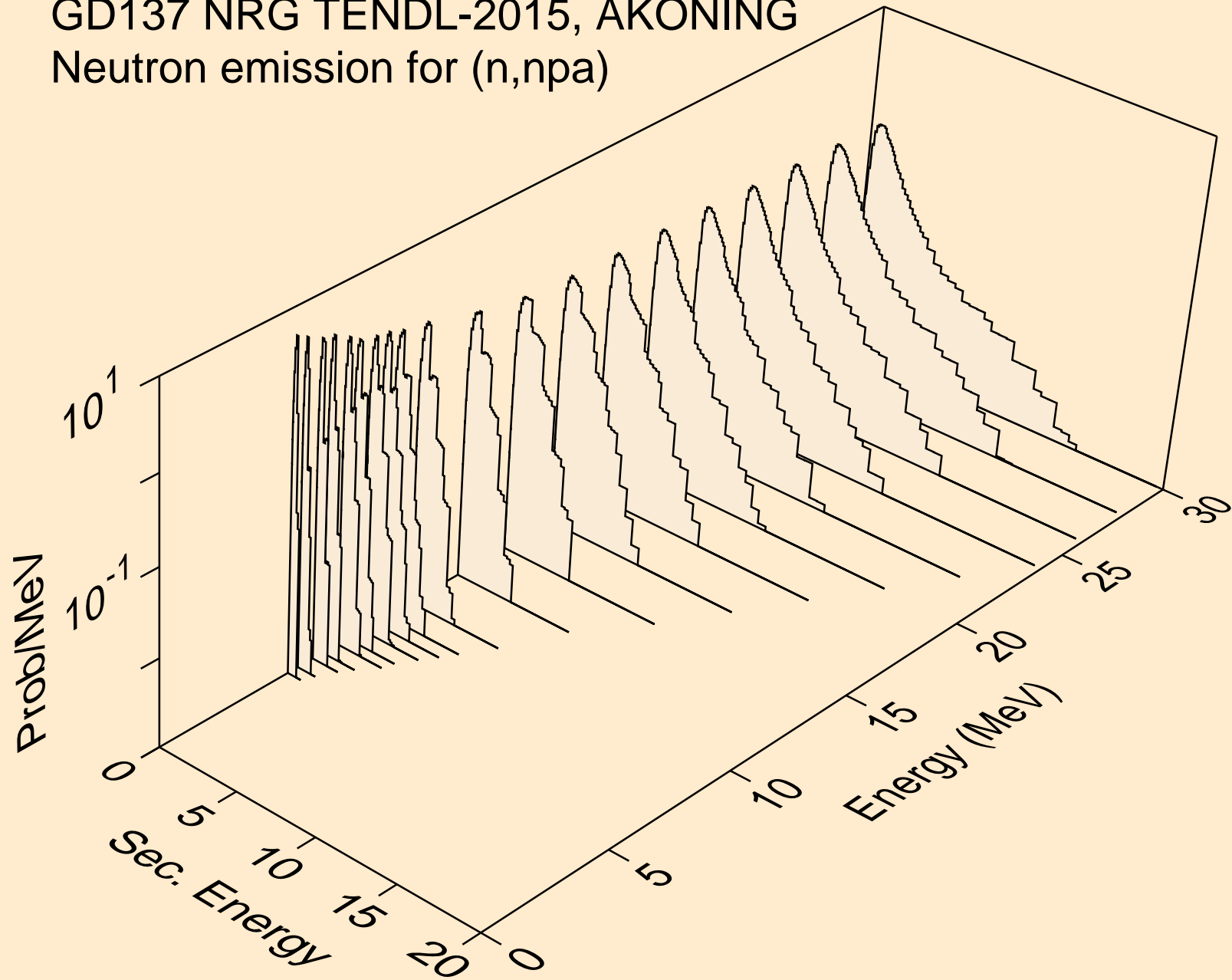




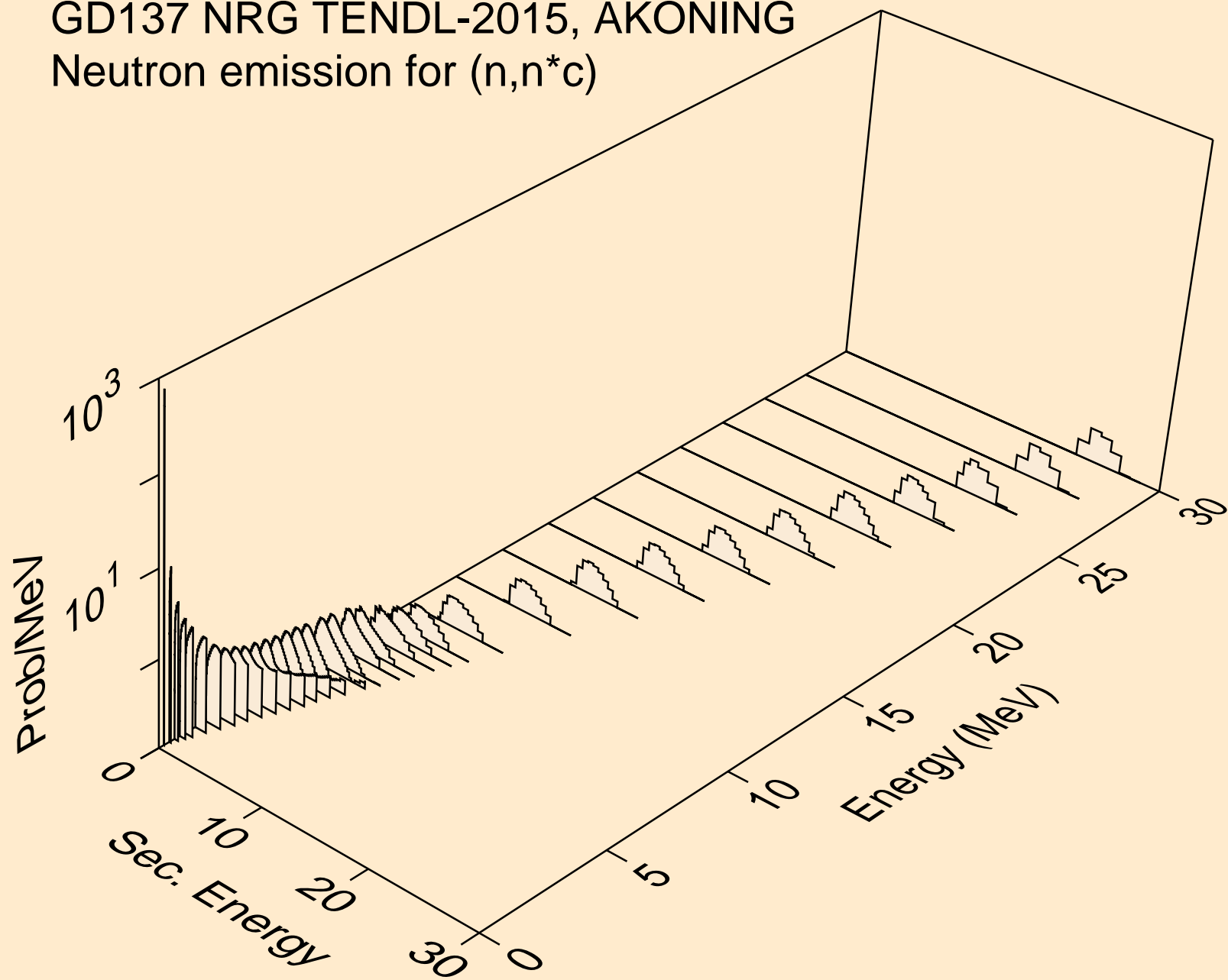
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



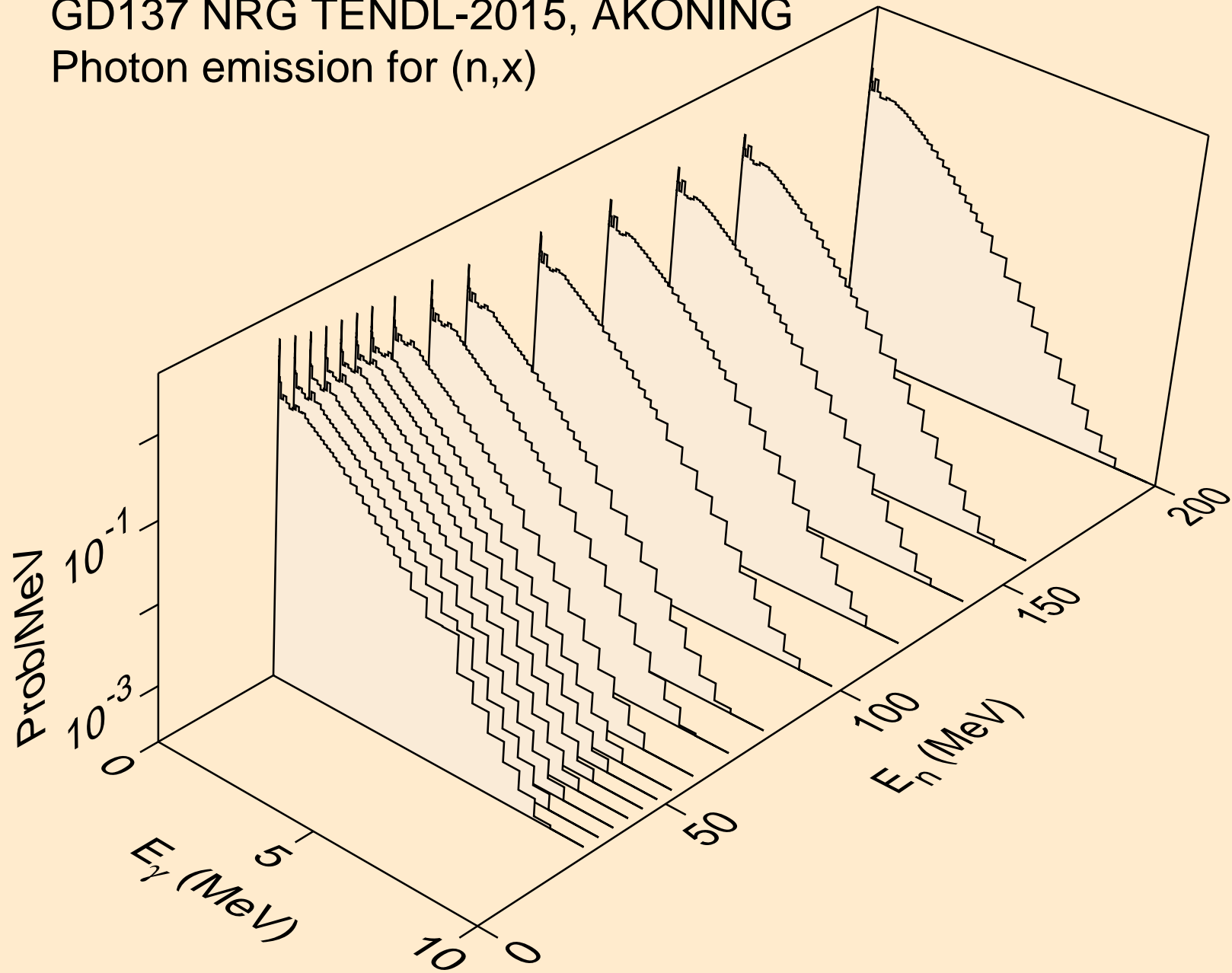
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



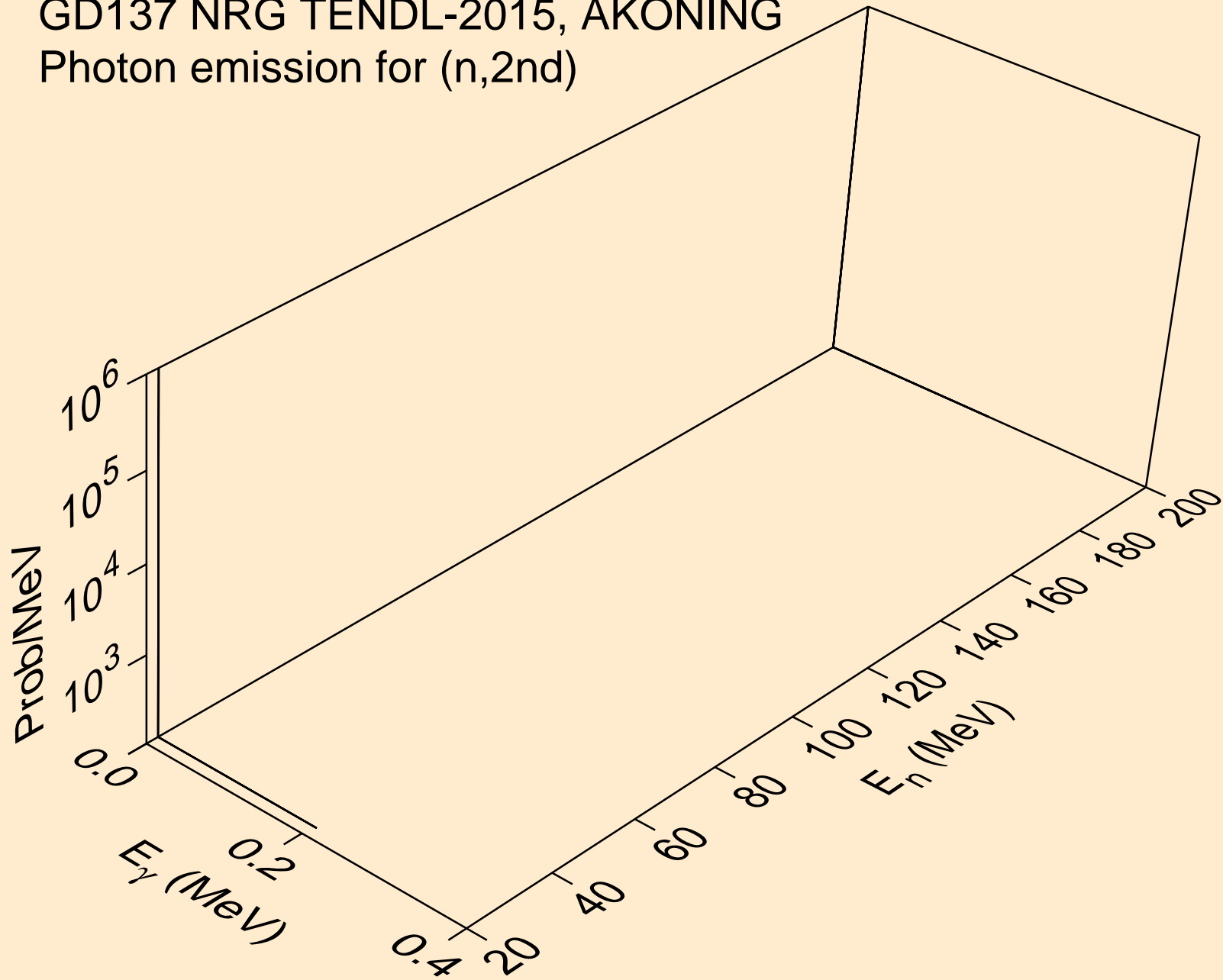
GD137 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



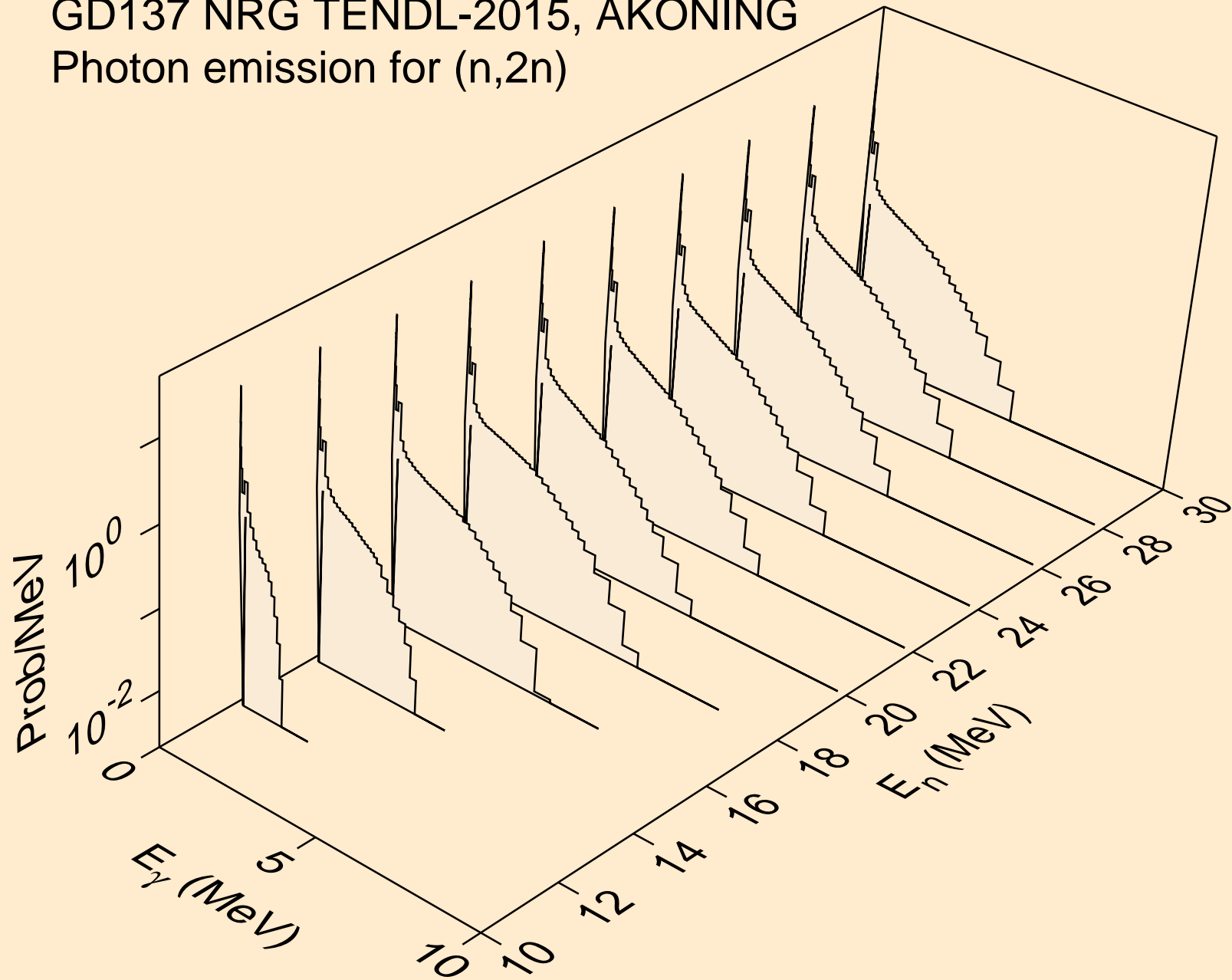
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



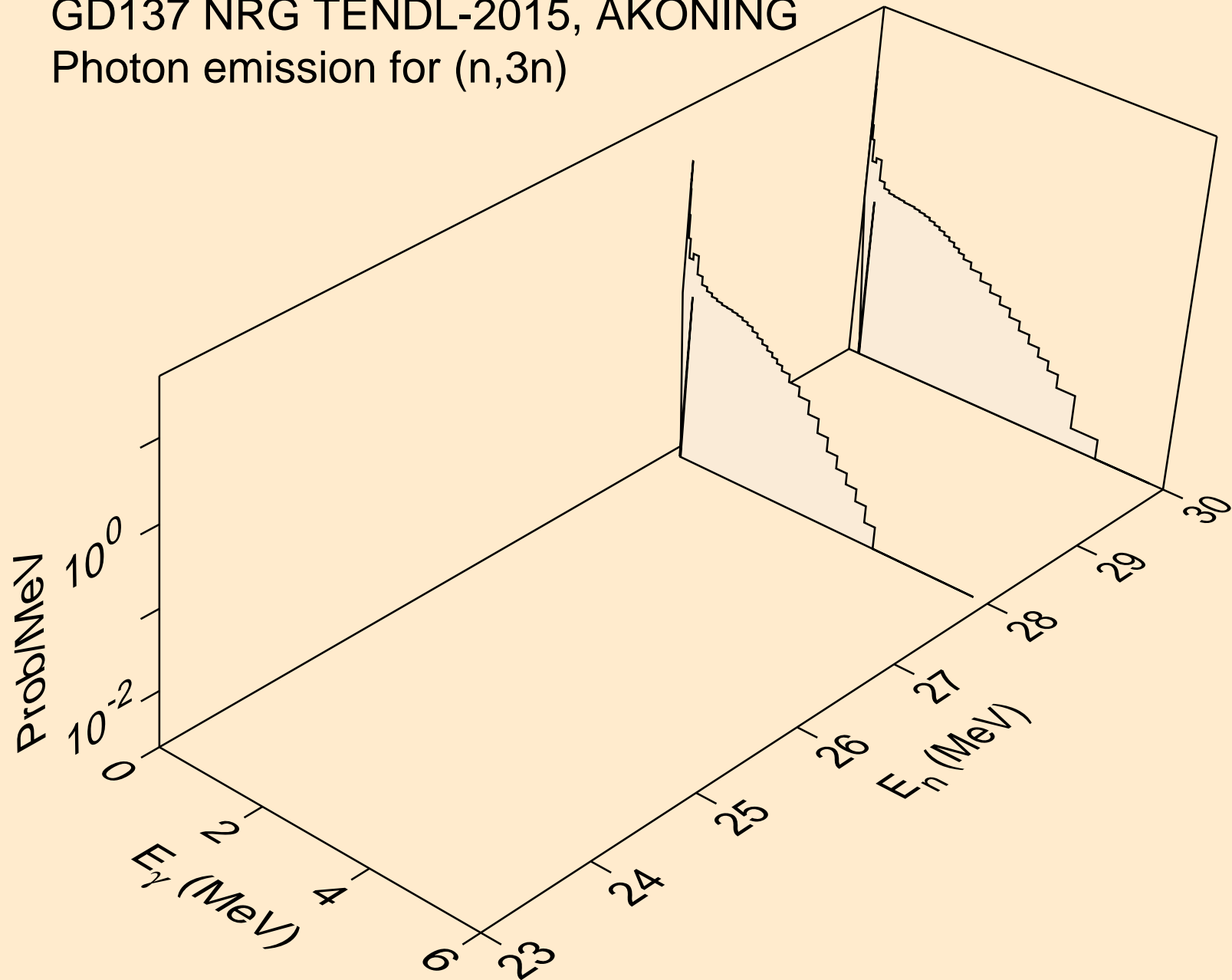
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



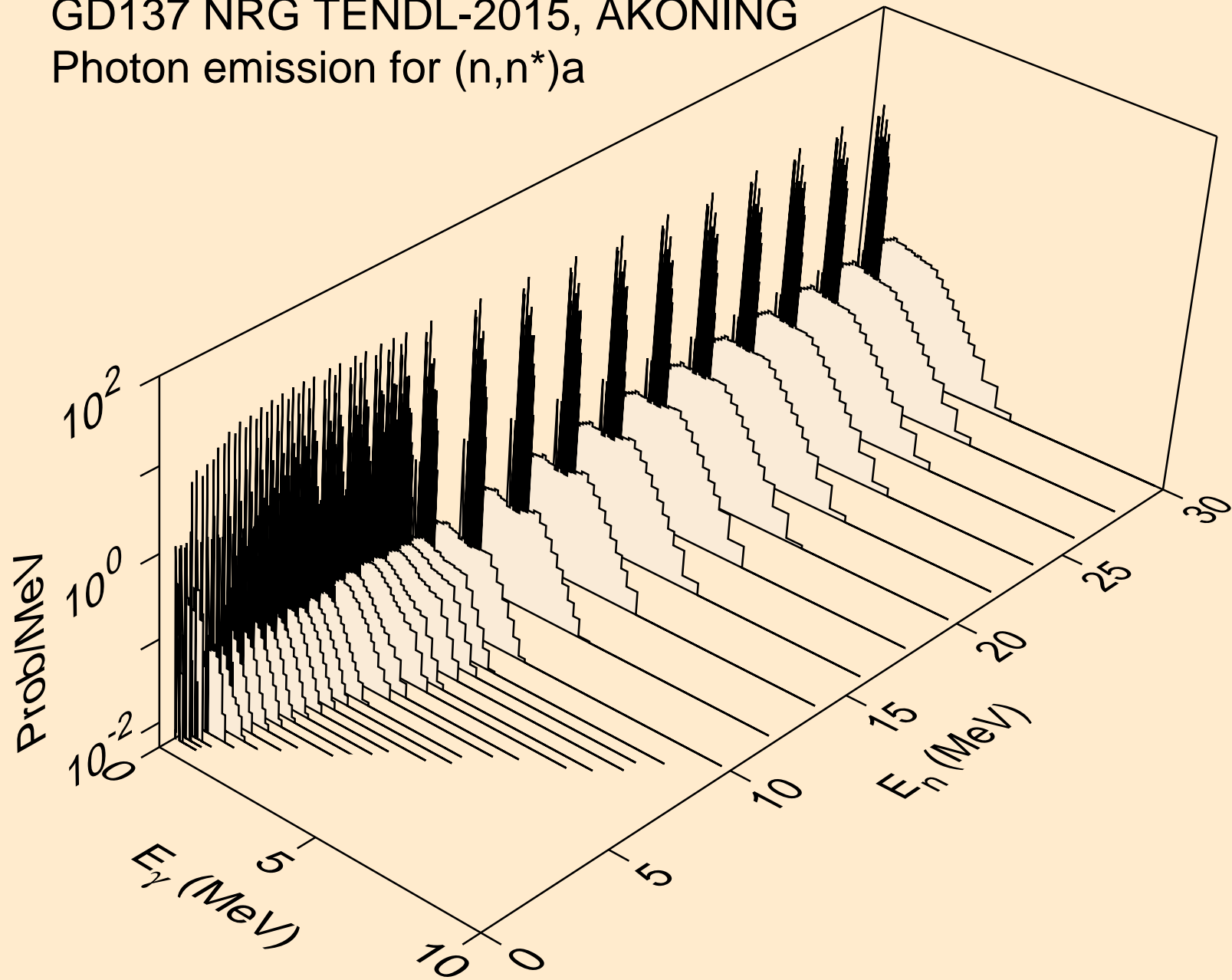
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

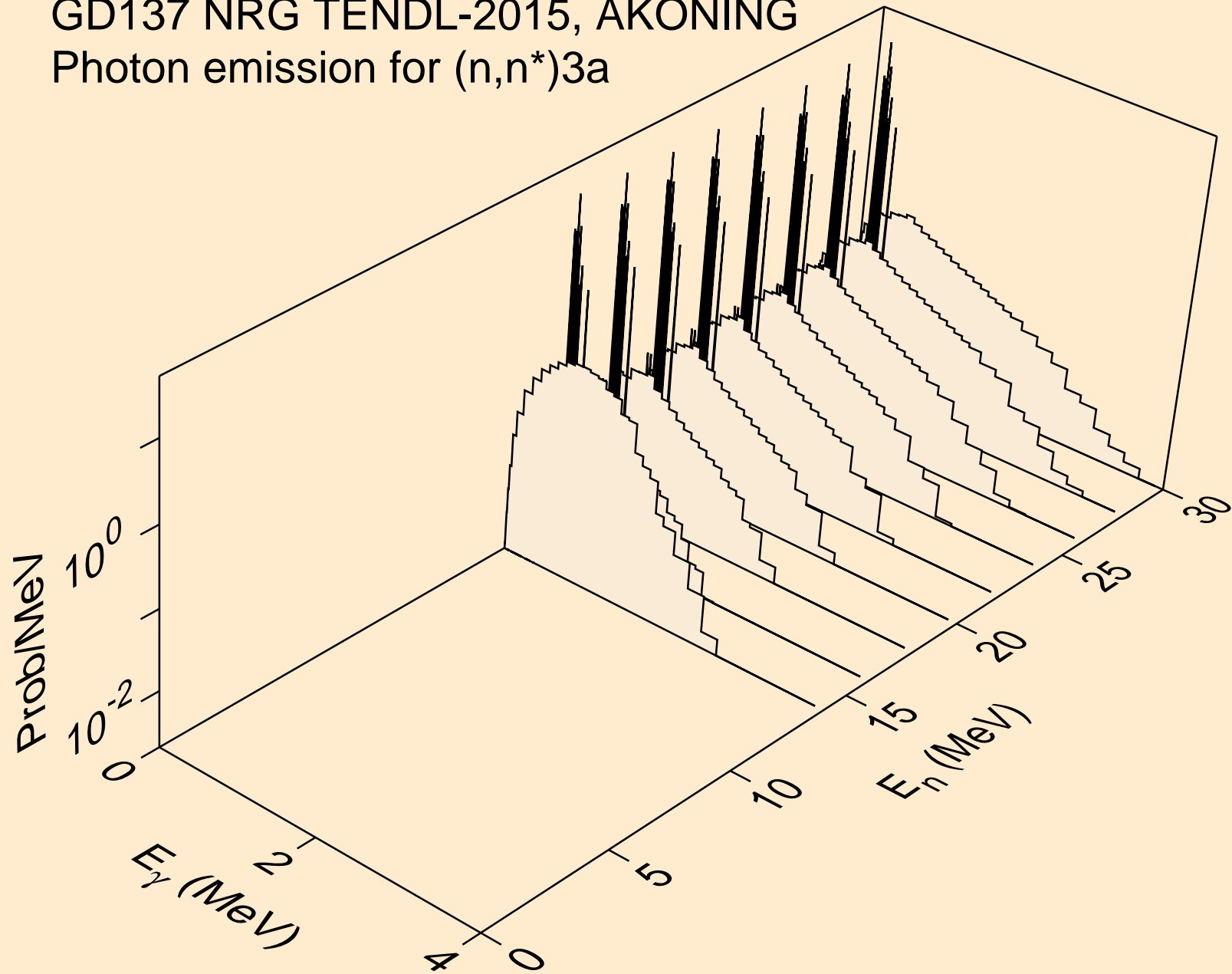


GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

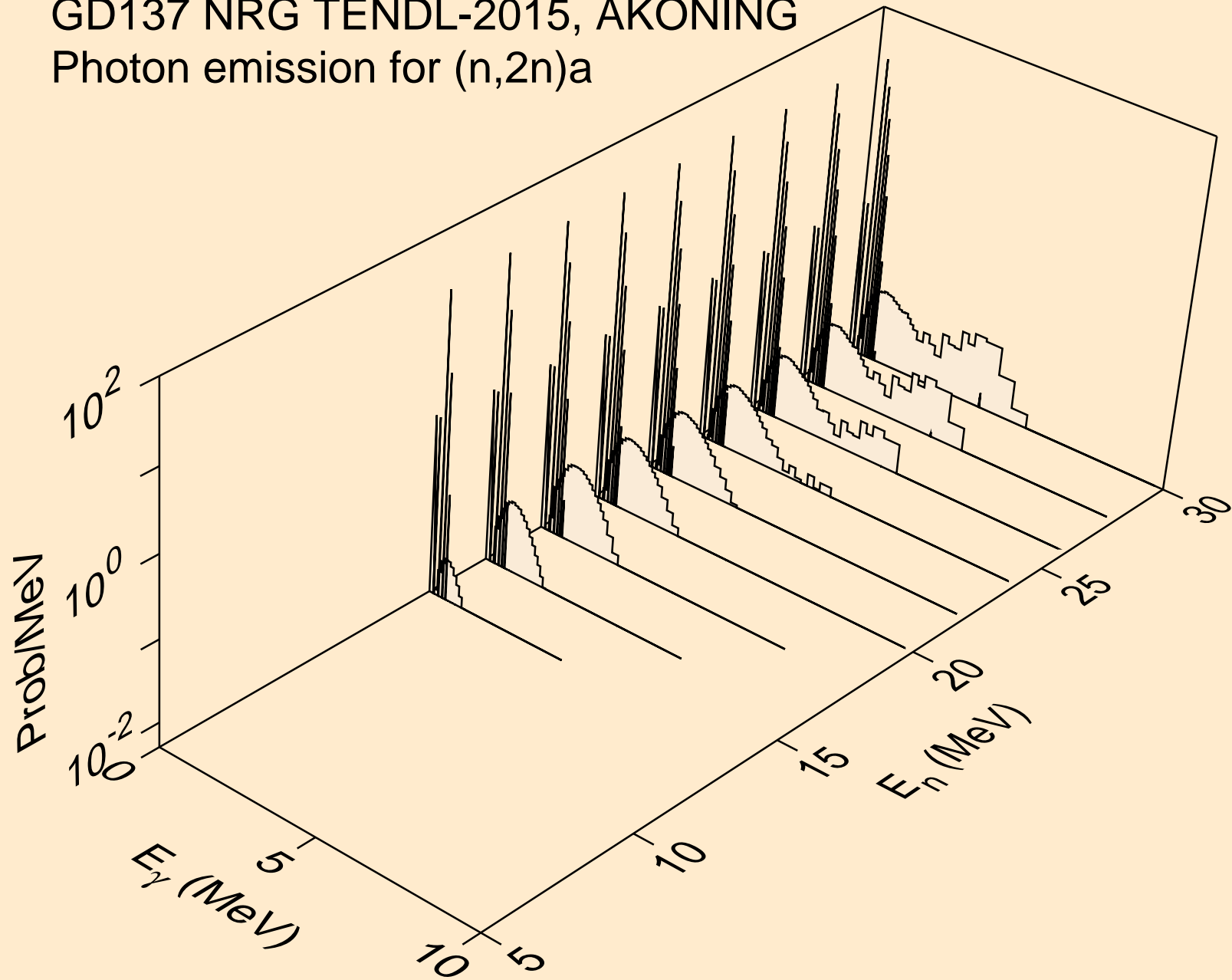




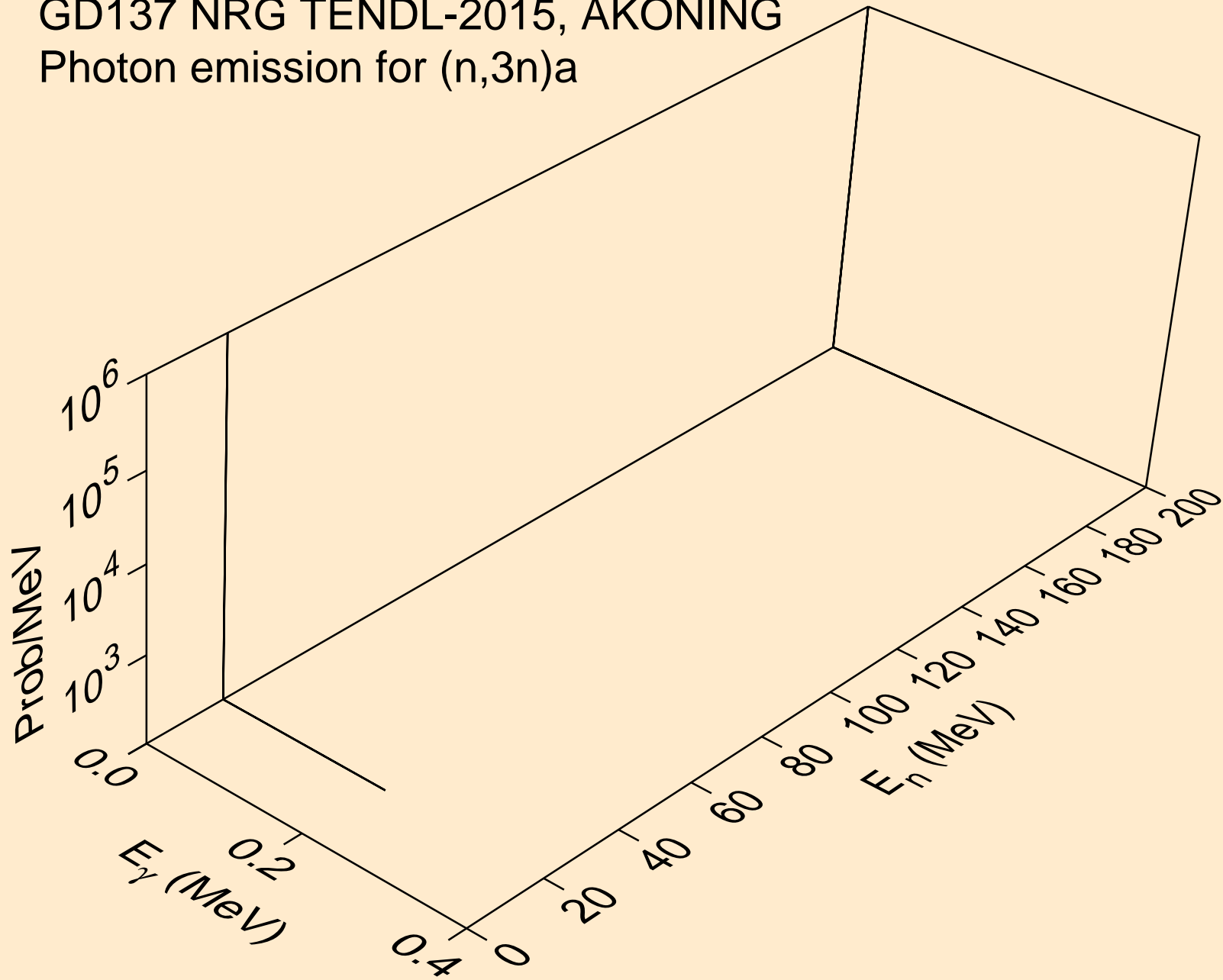
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



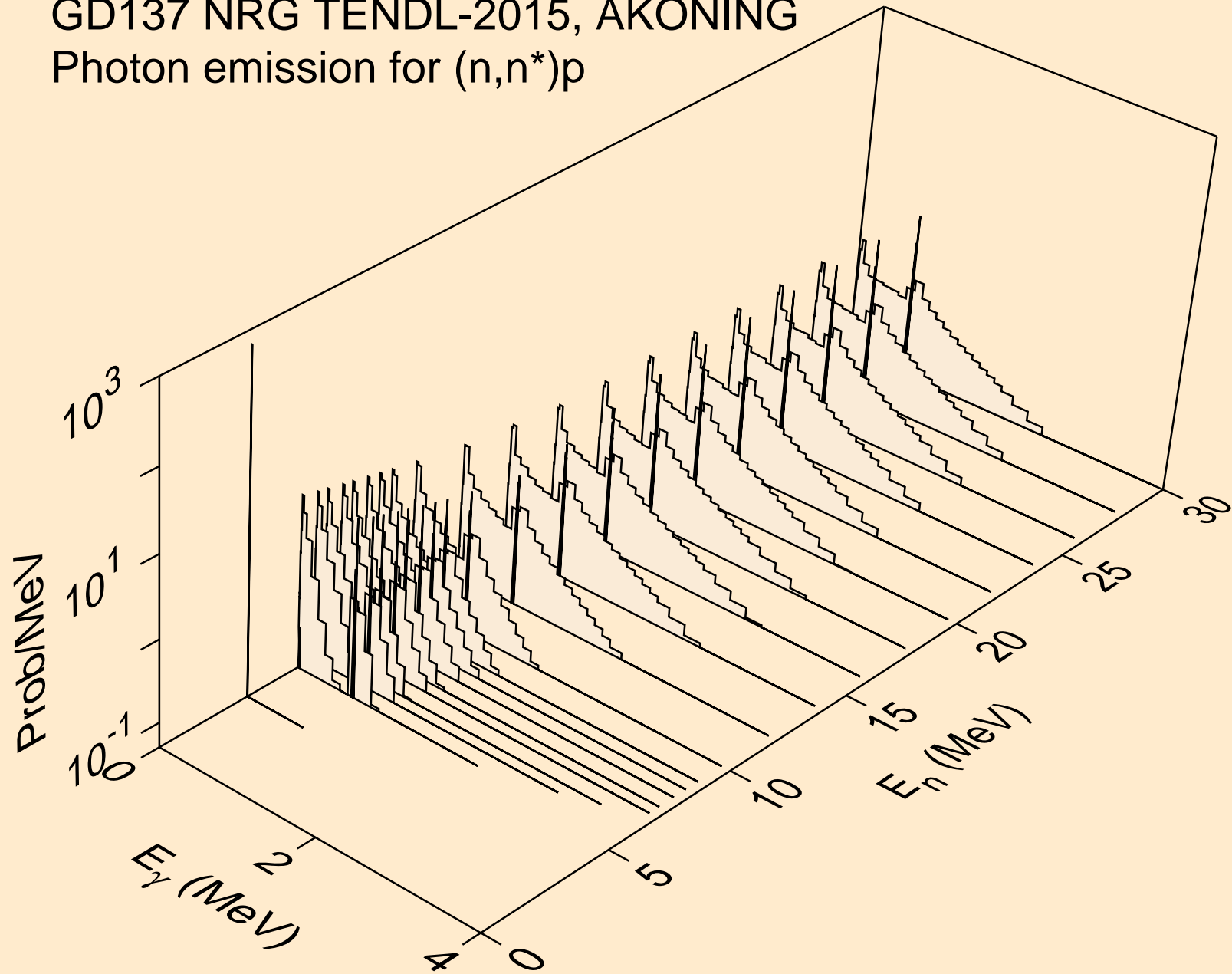
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



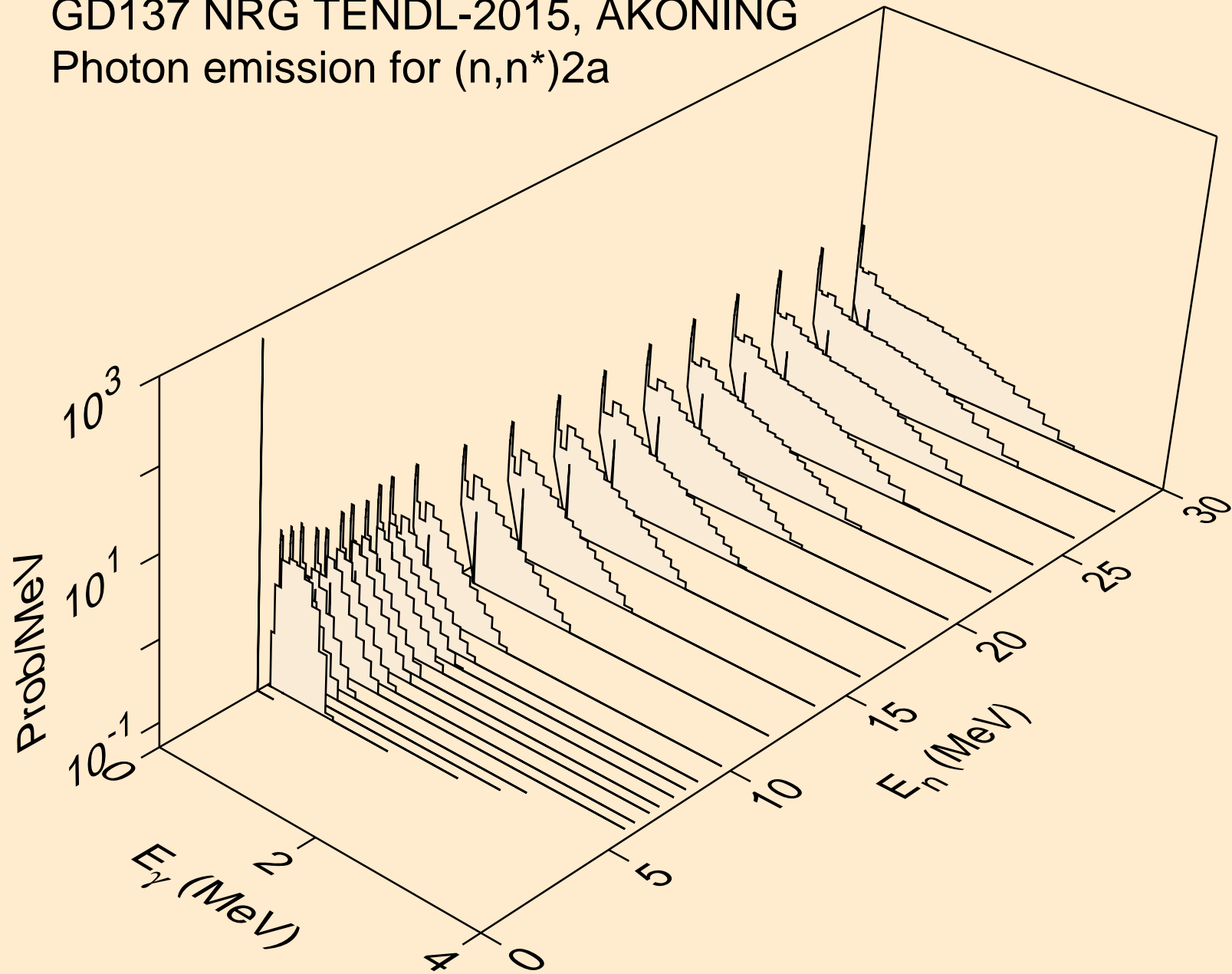
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



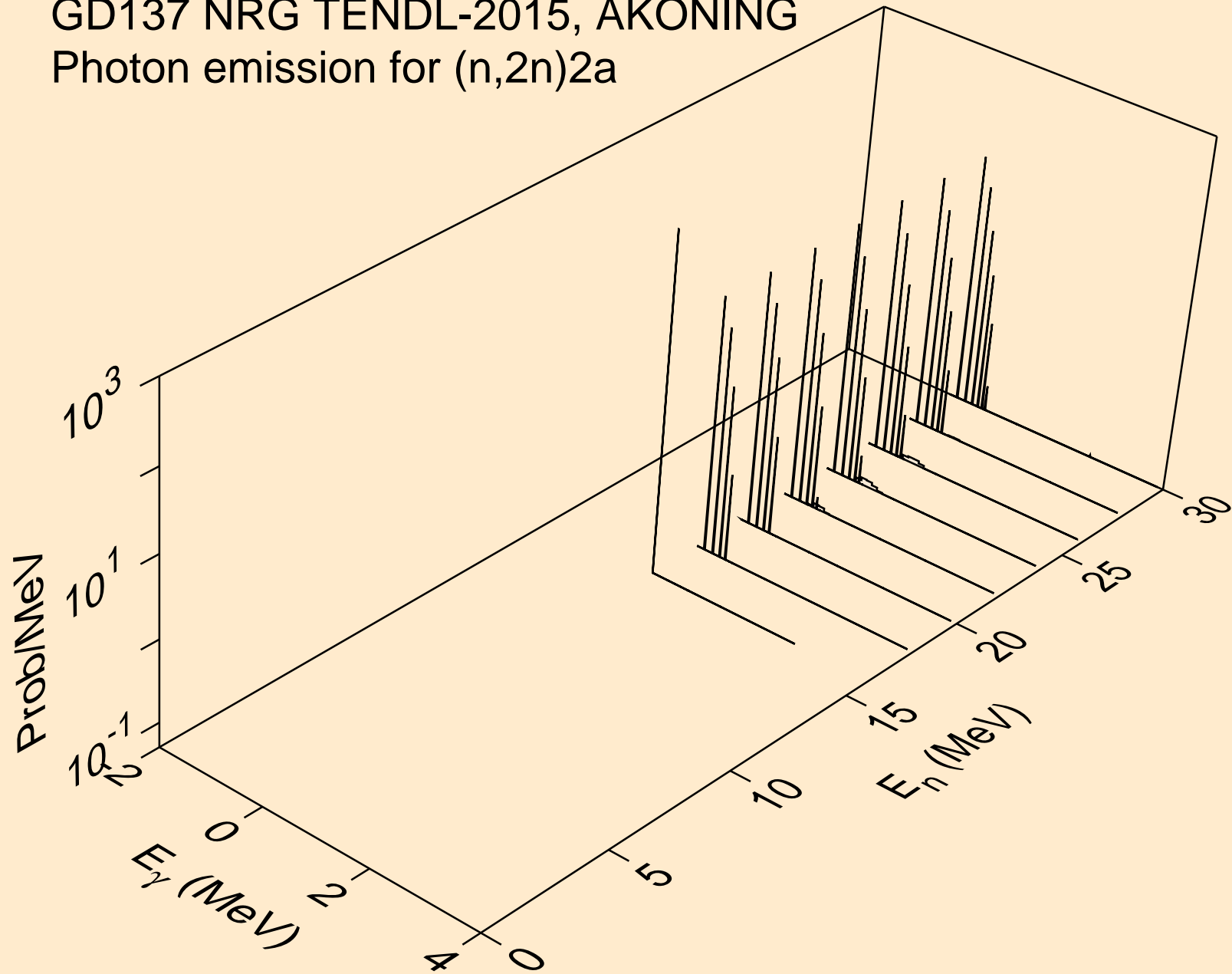
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



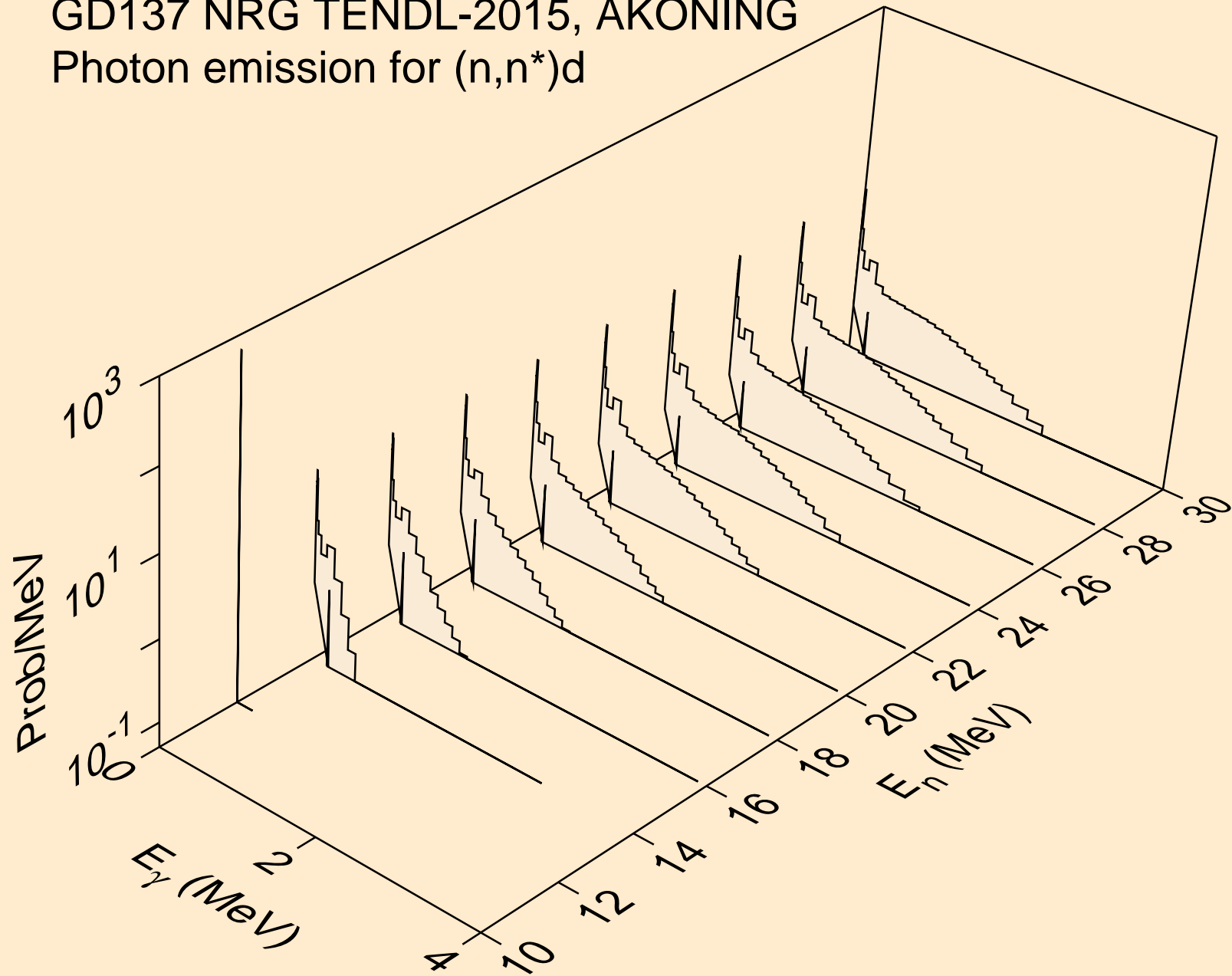
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



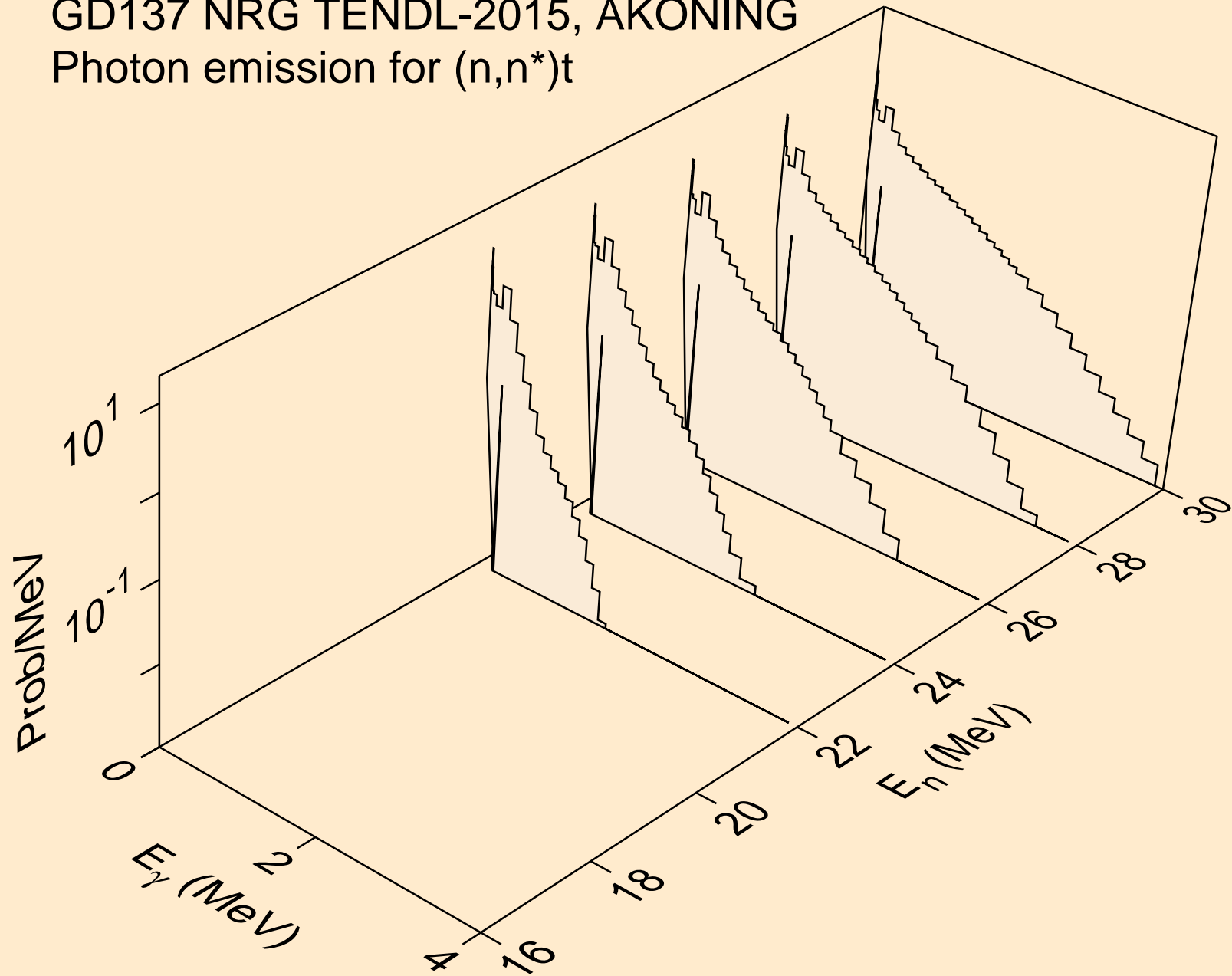
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

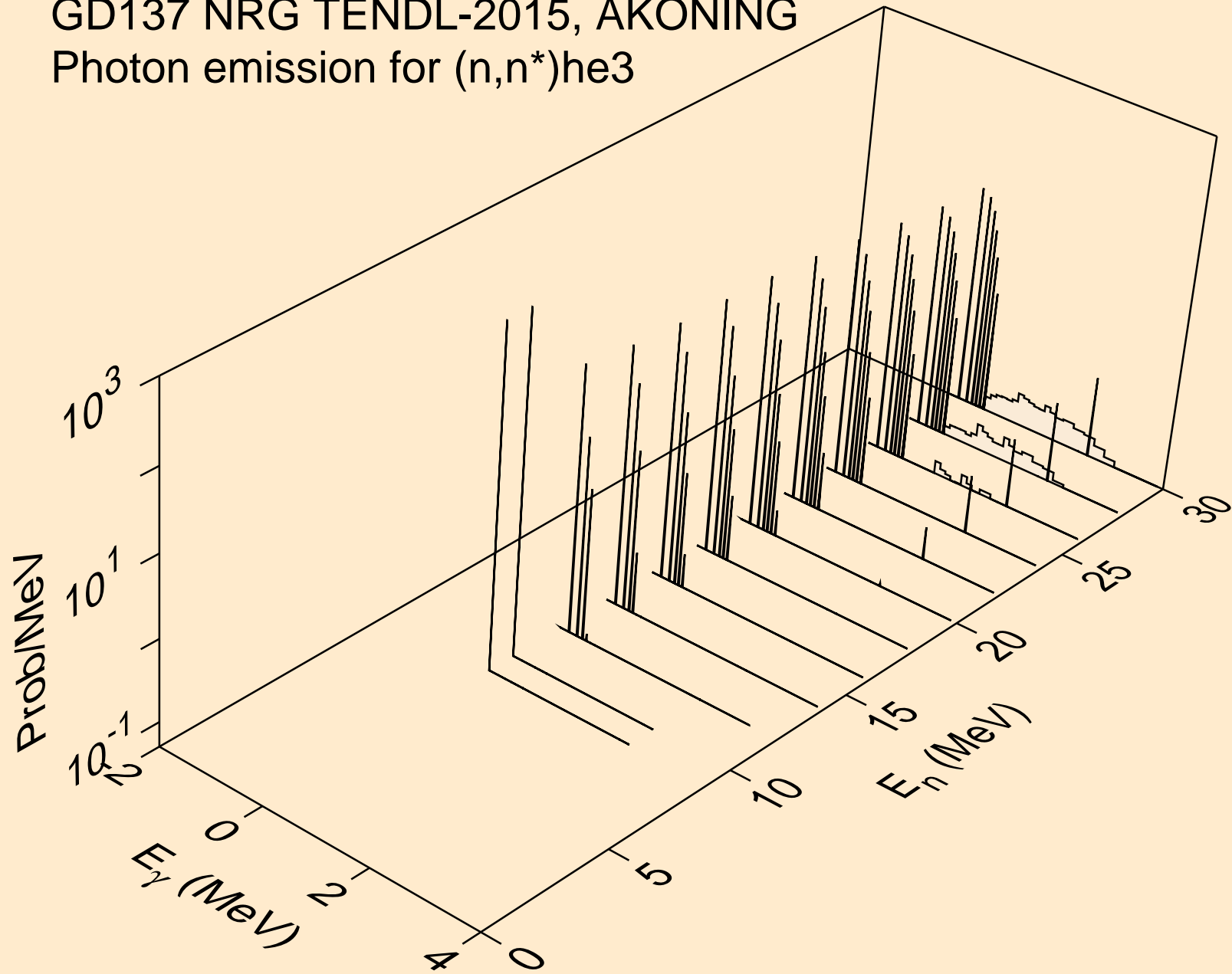


GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

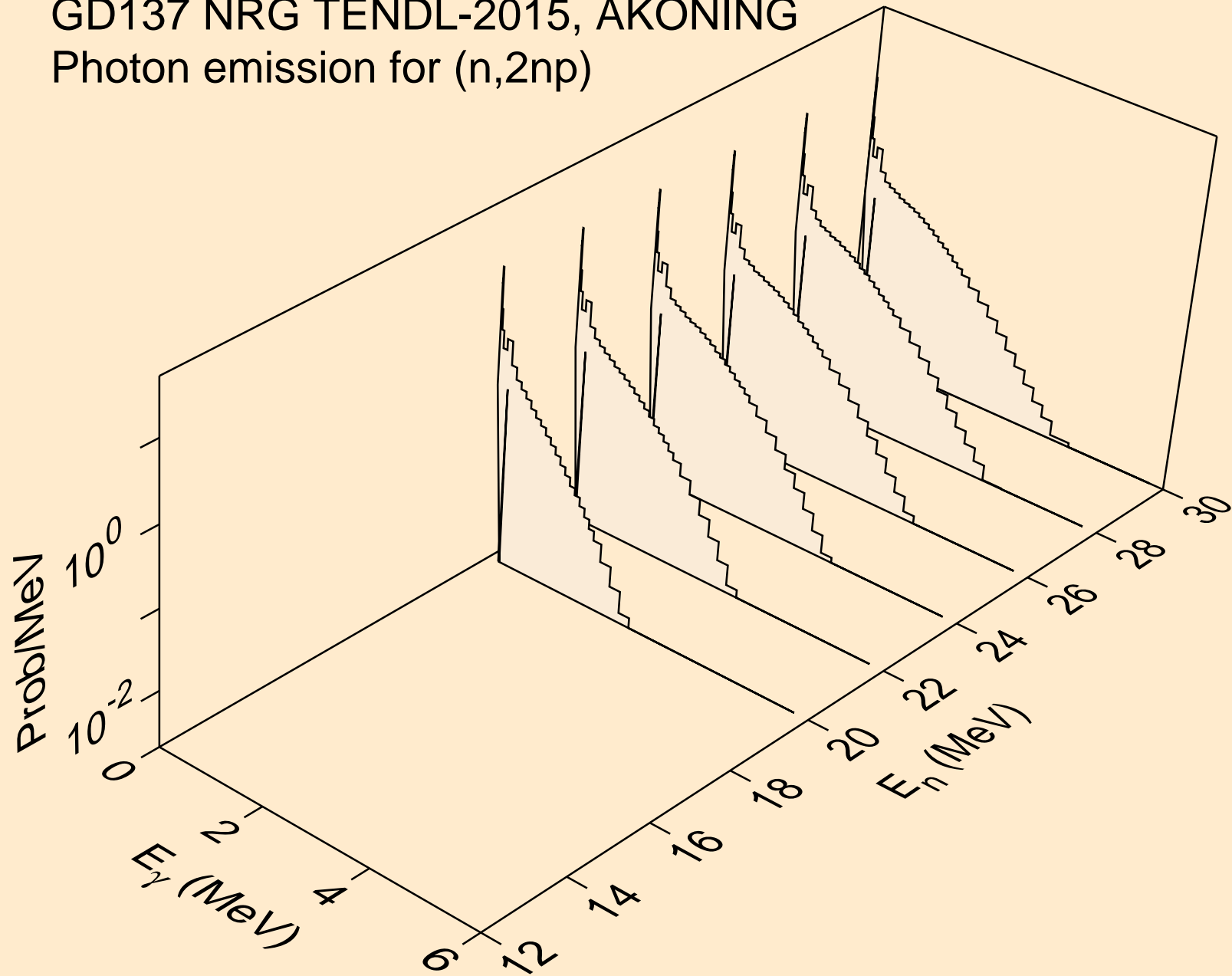




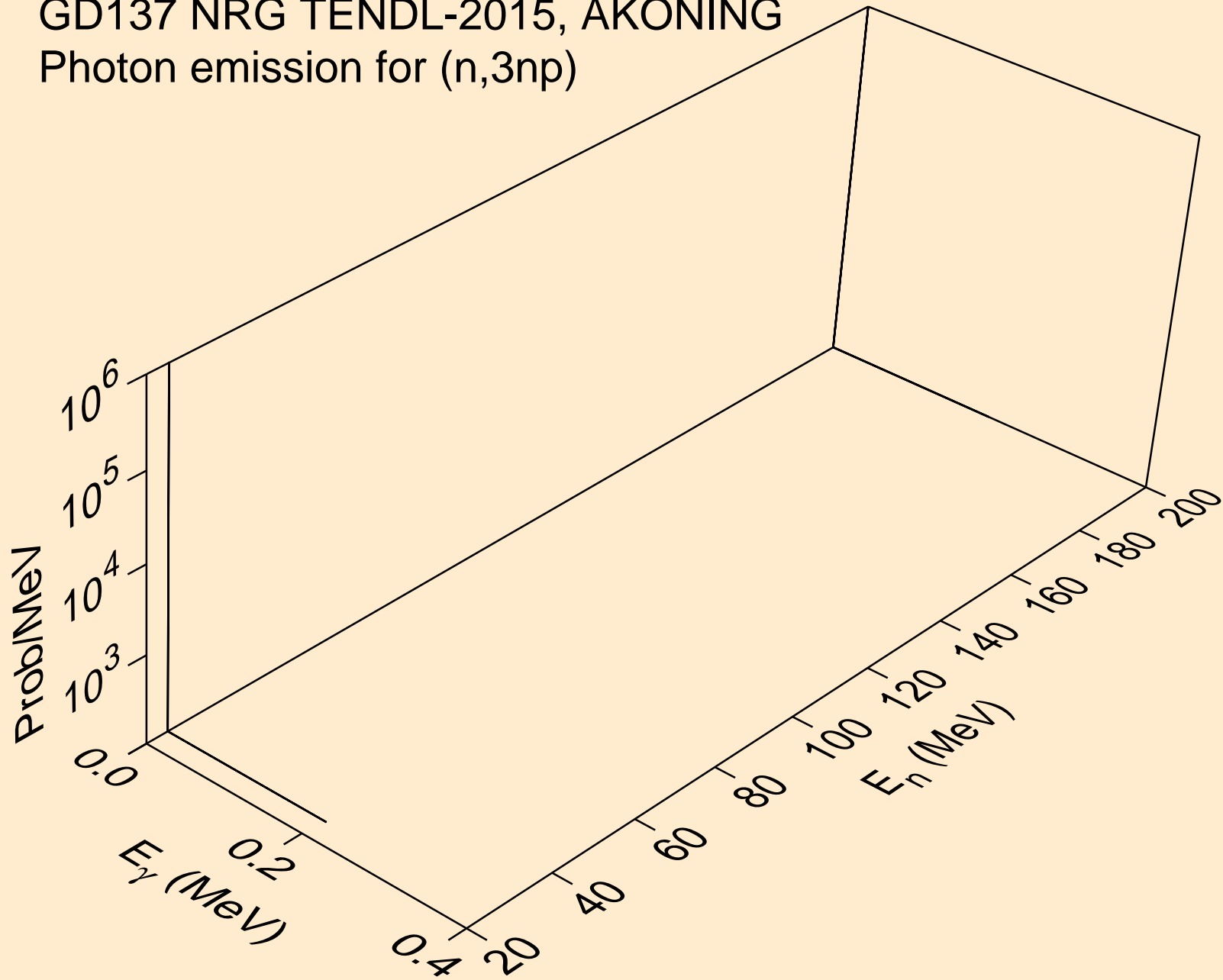
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



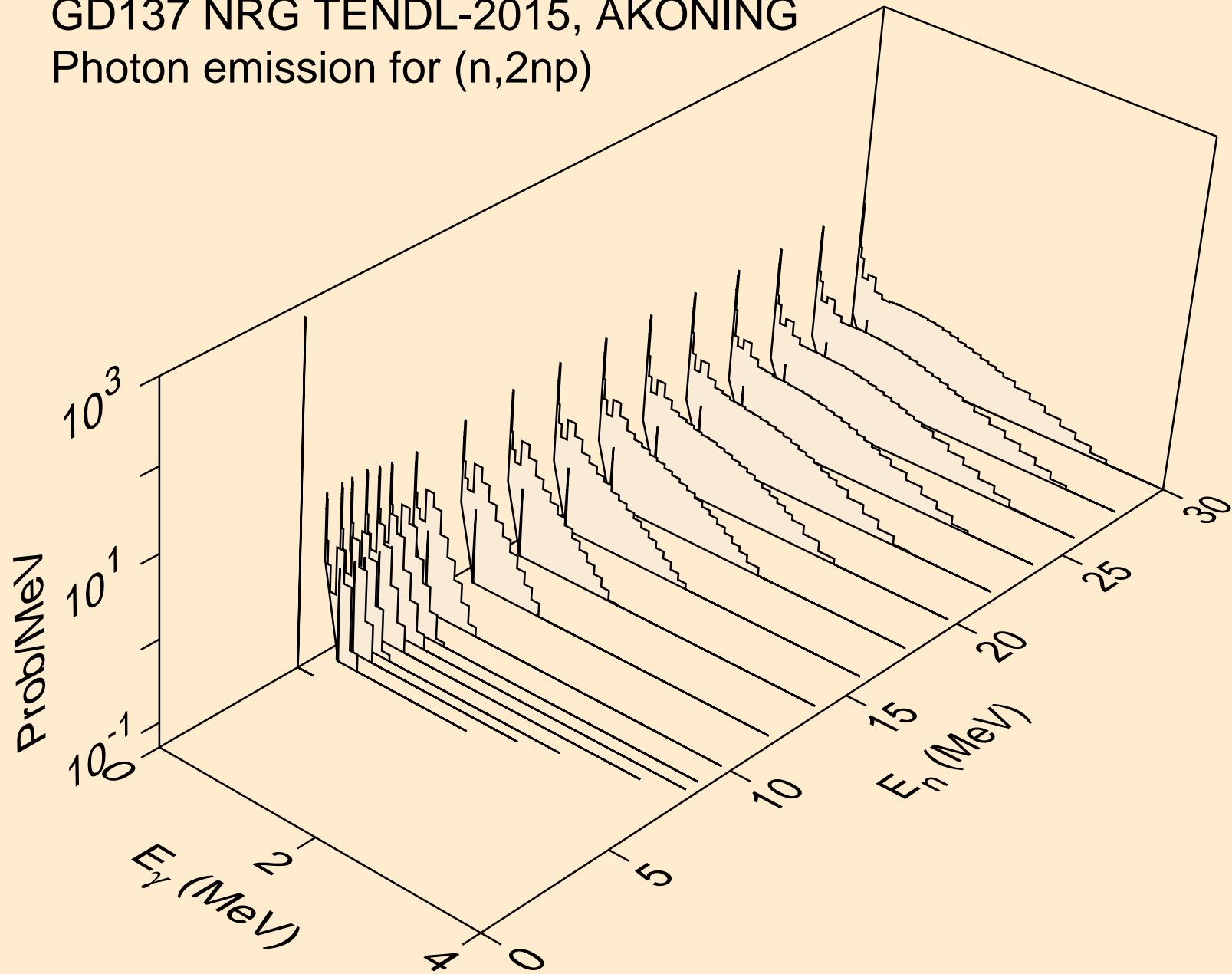
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



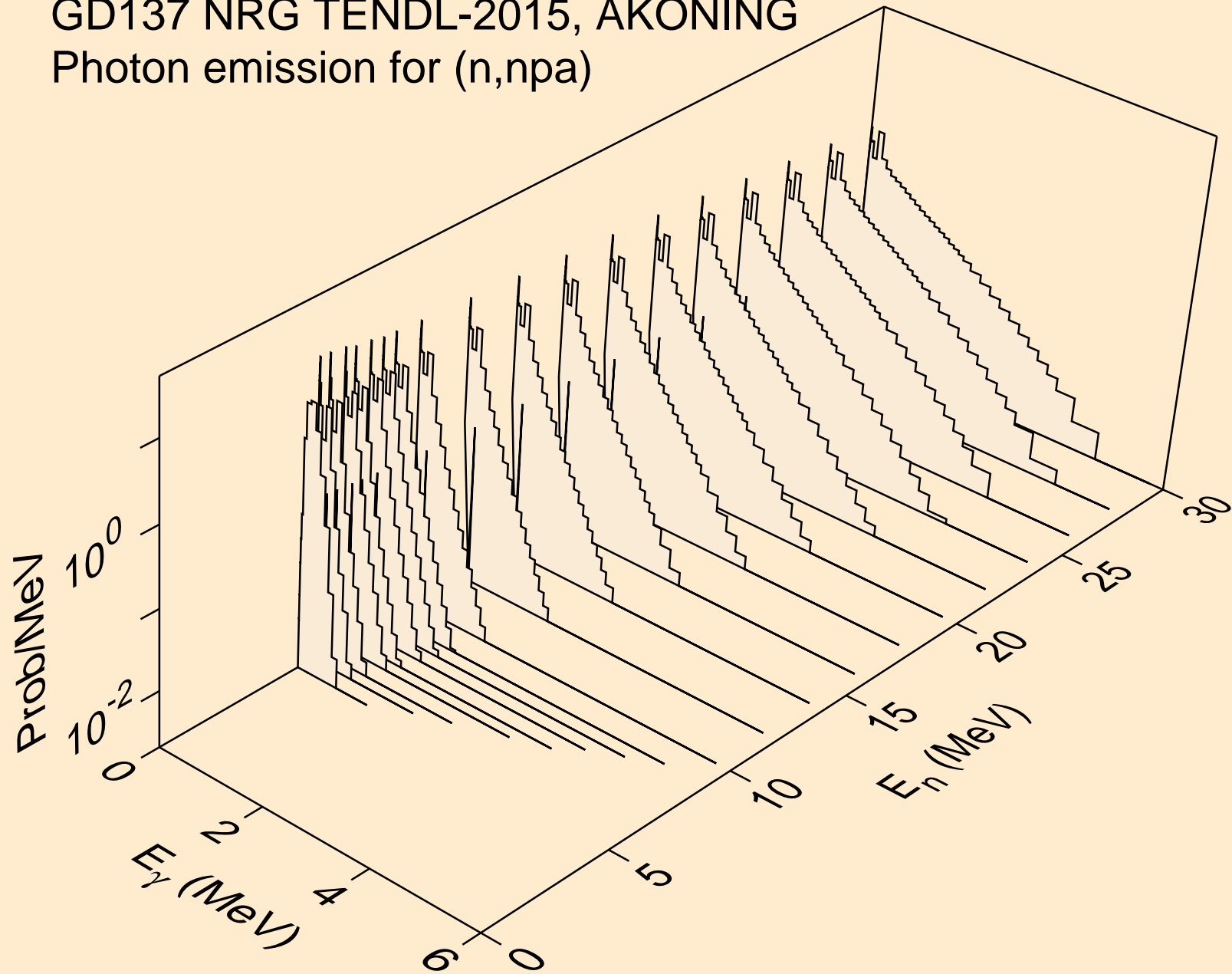
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



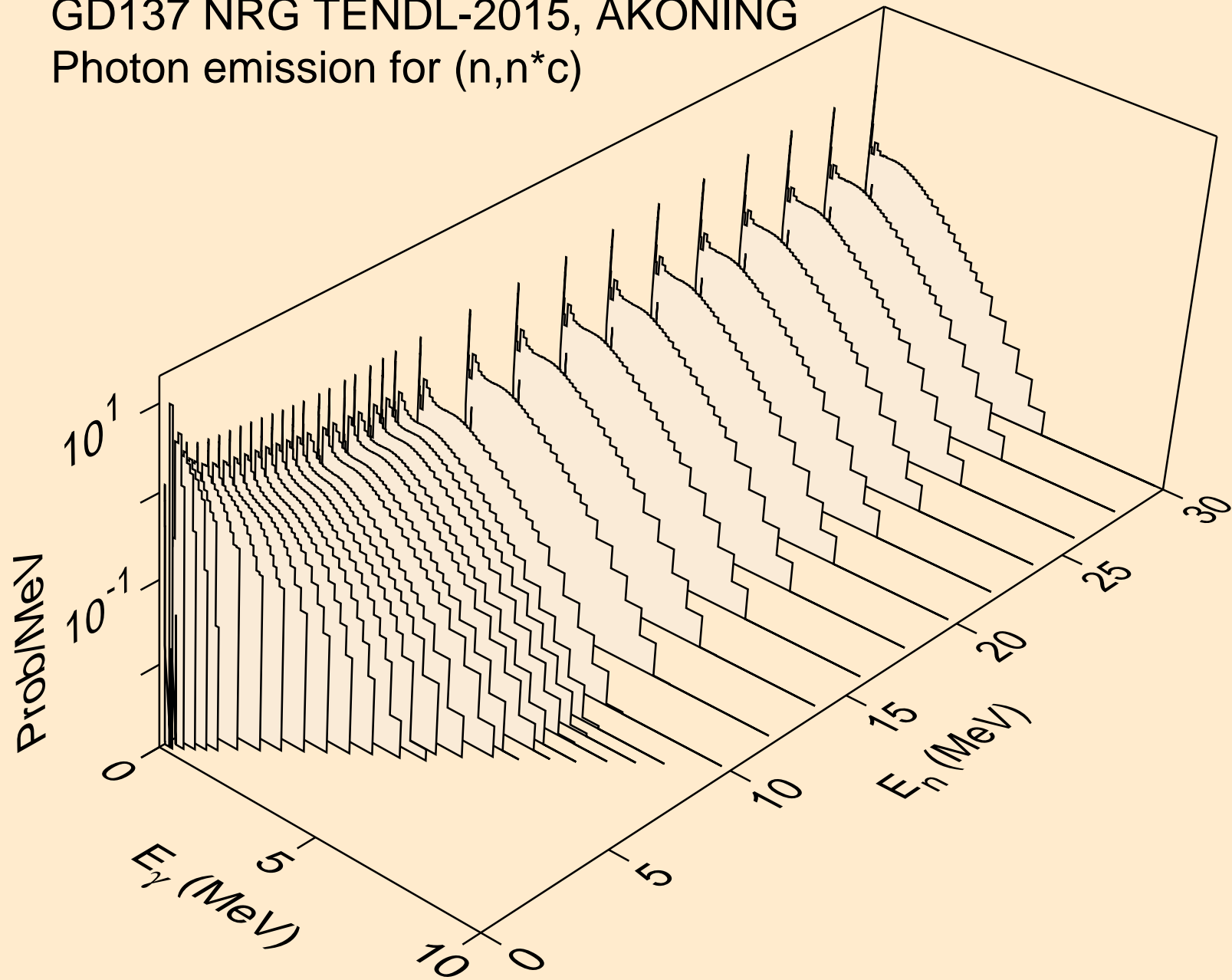
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



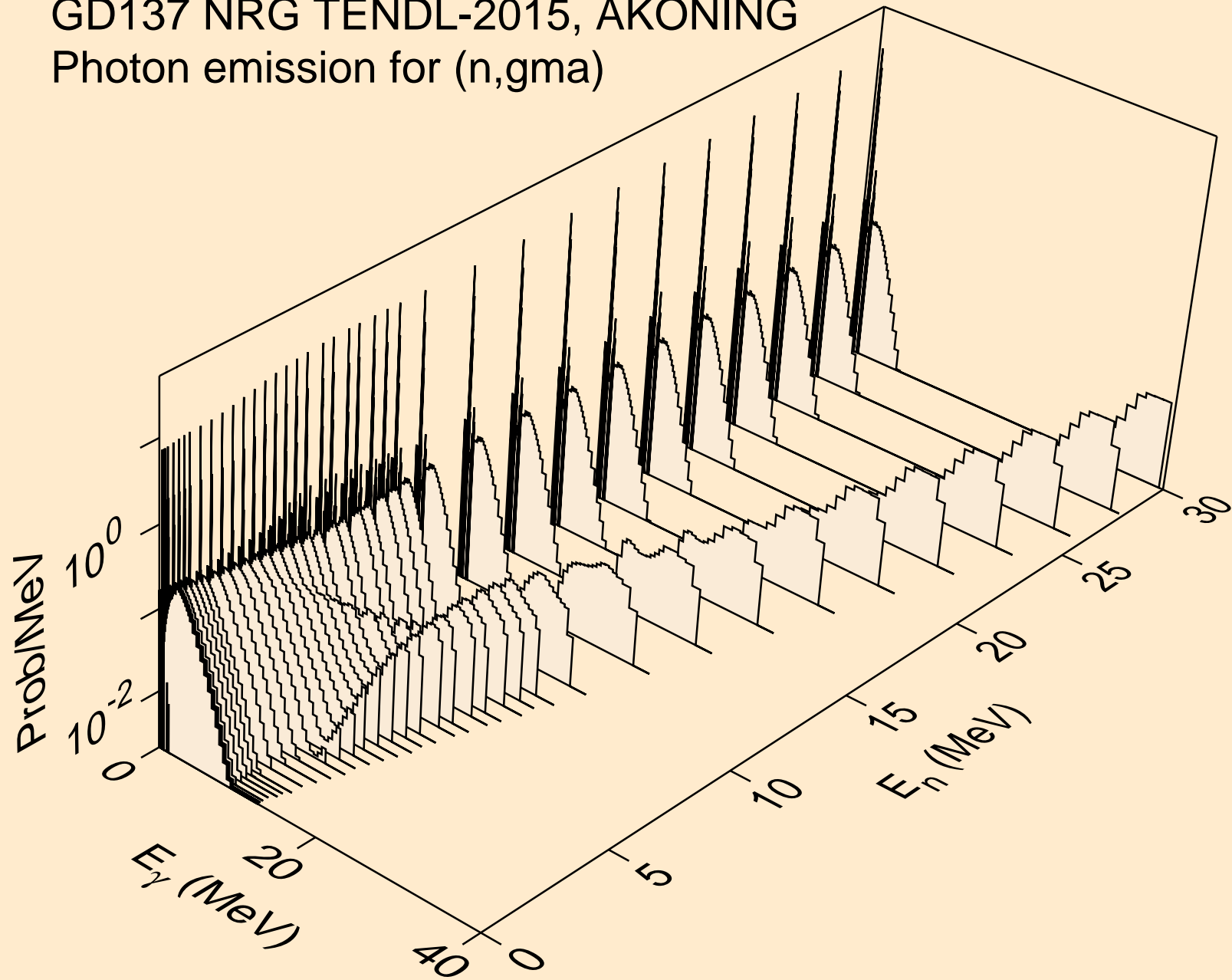
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



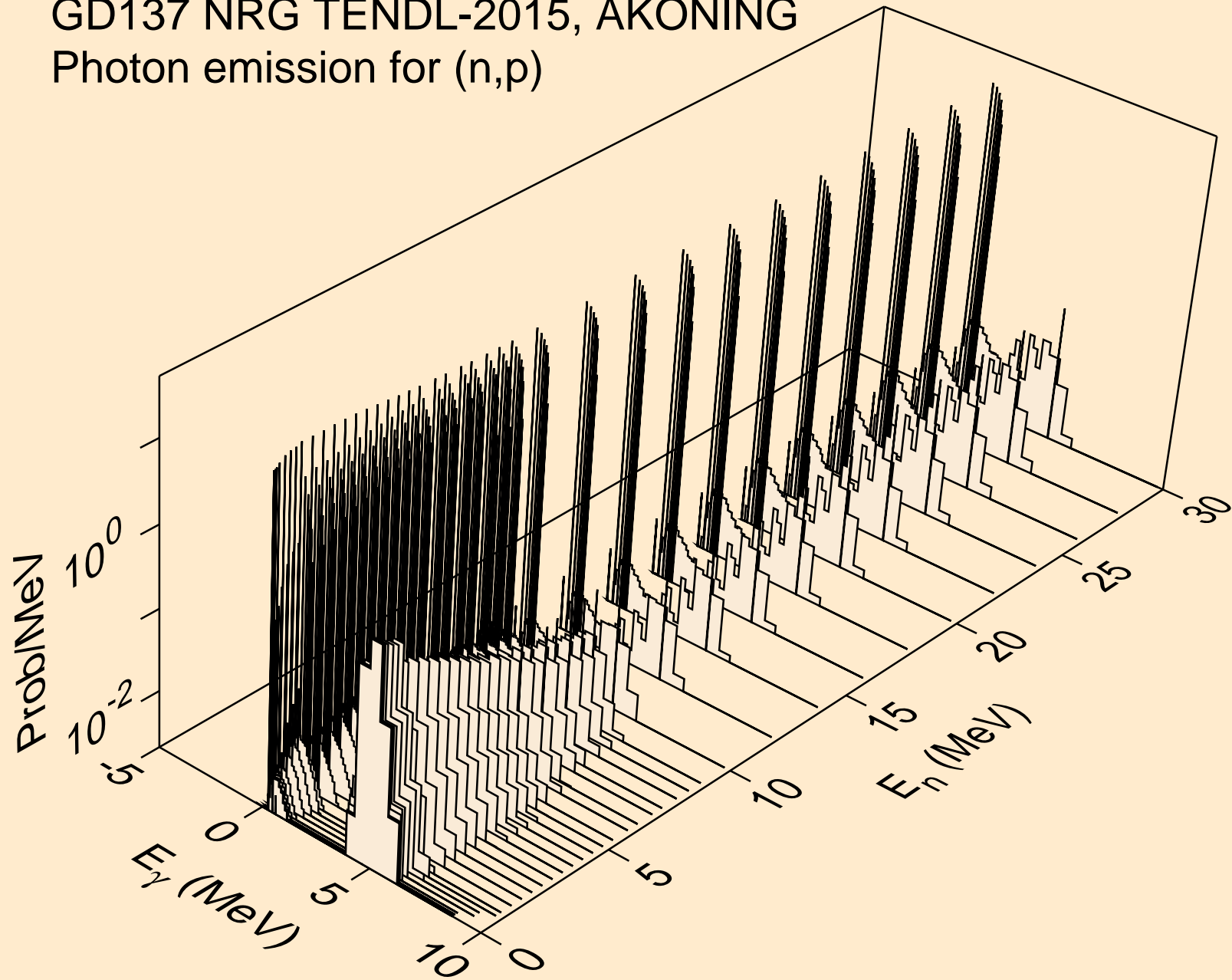
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

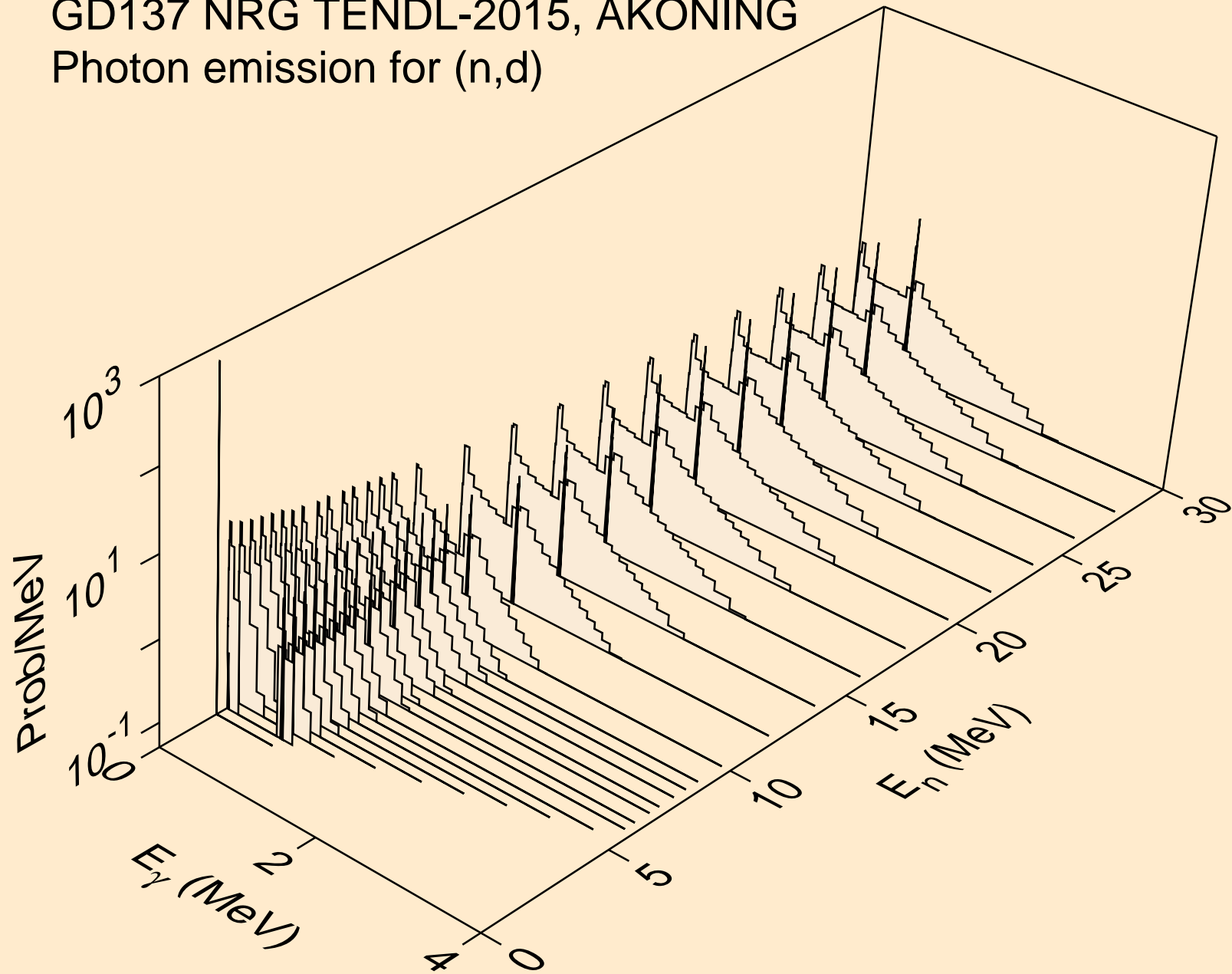


GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

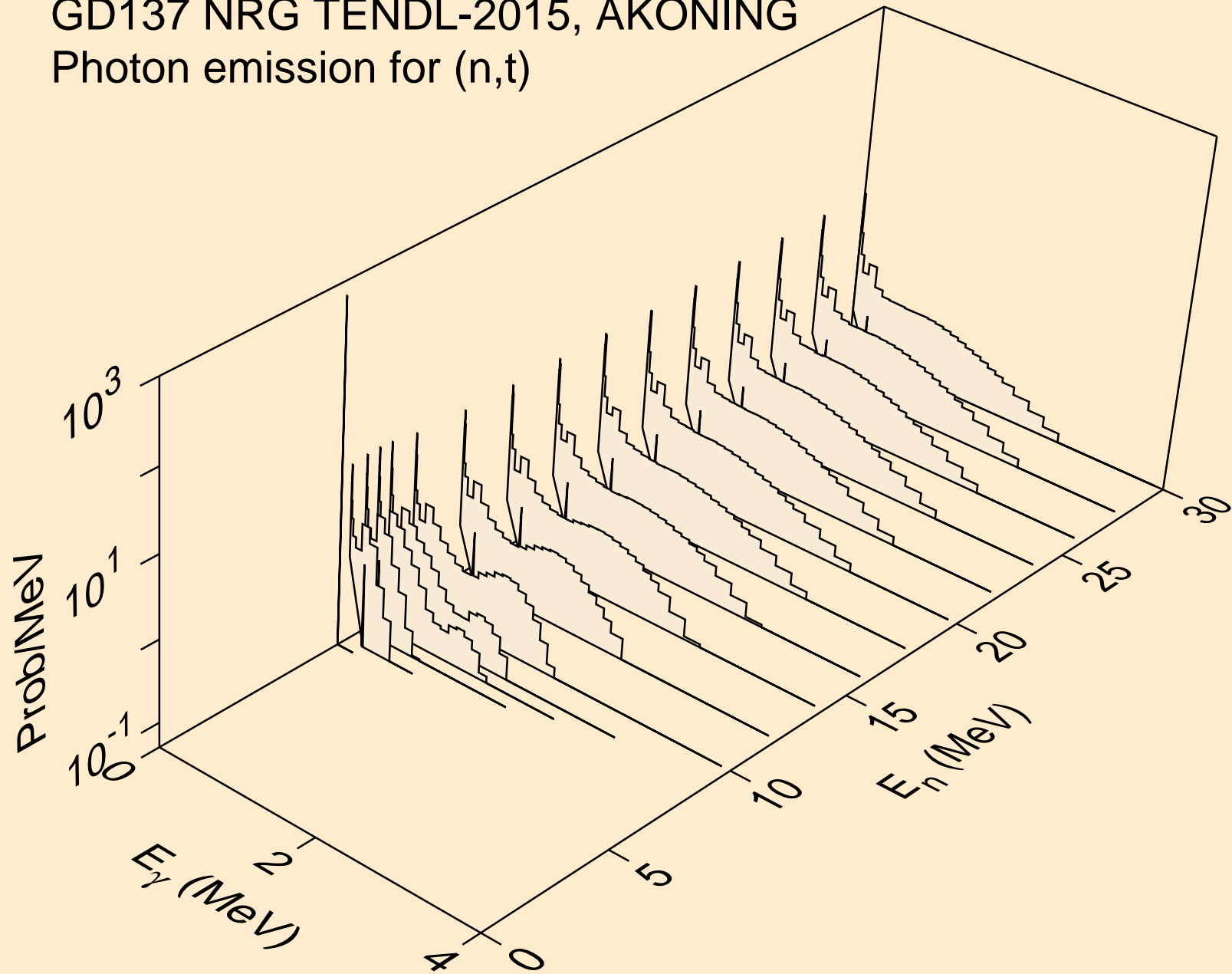




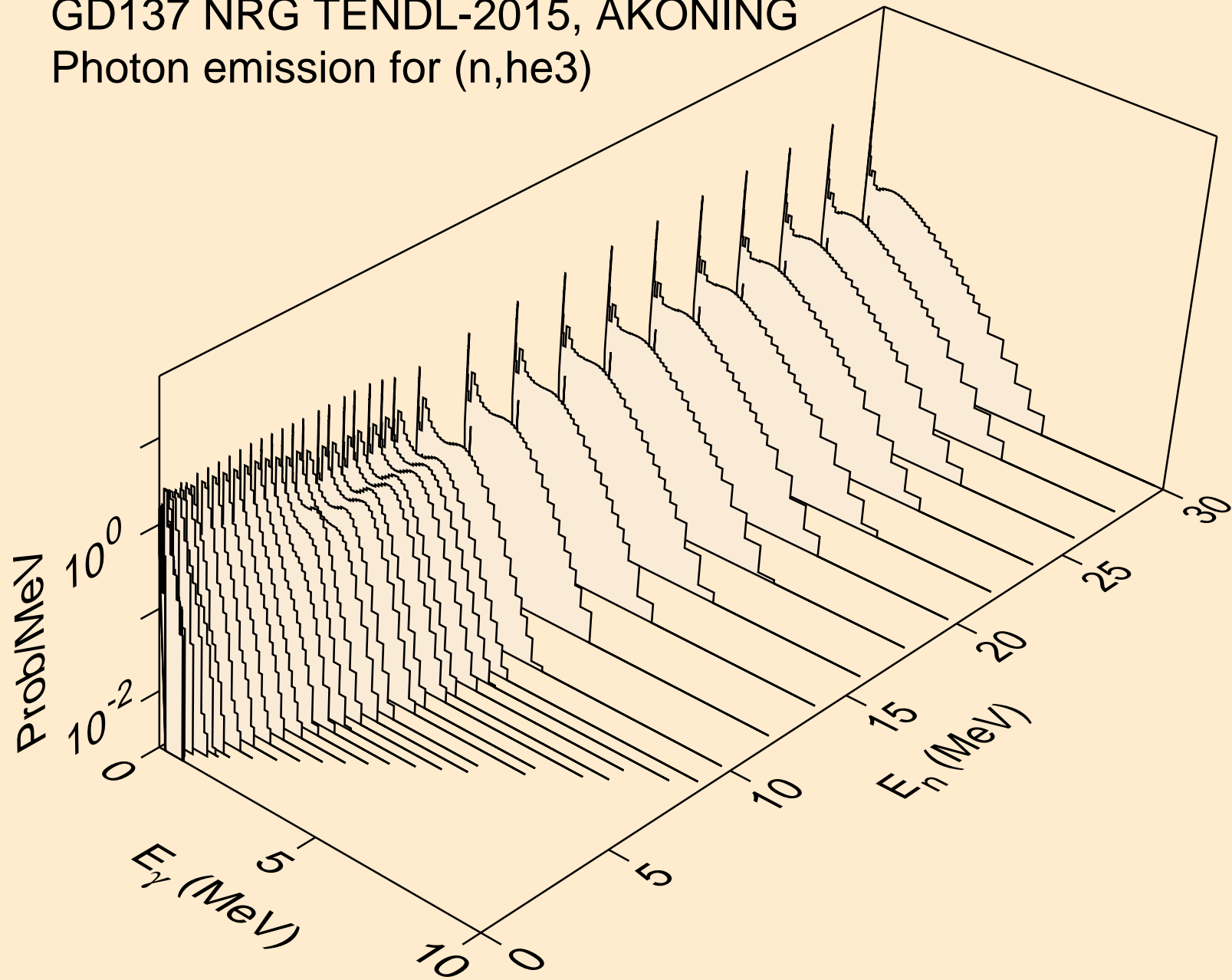
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



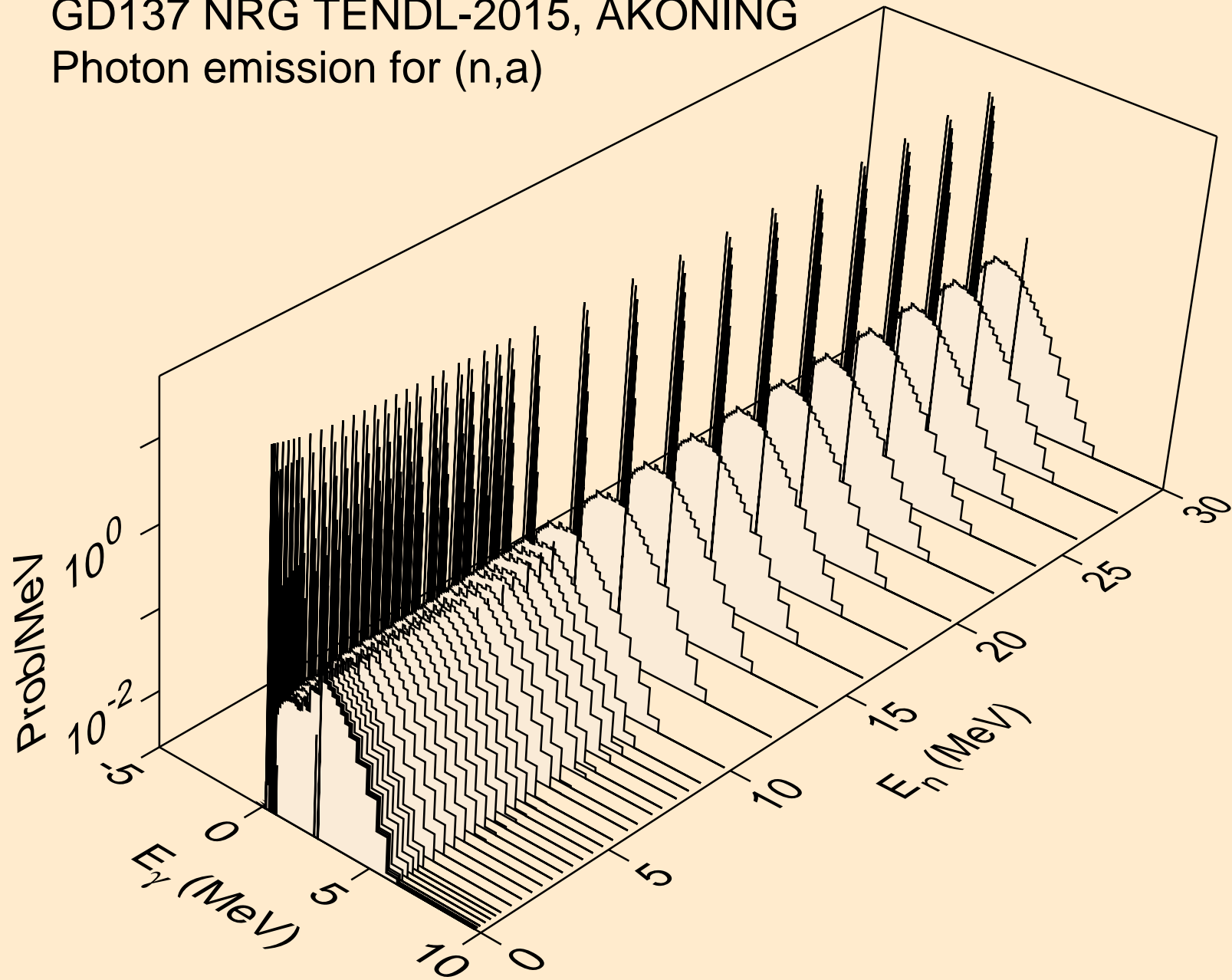
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



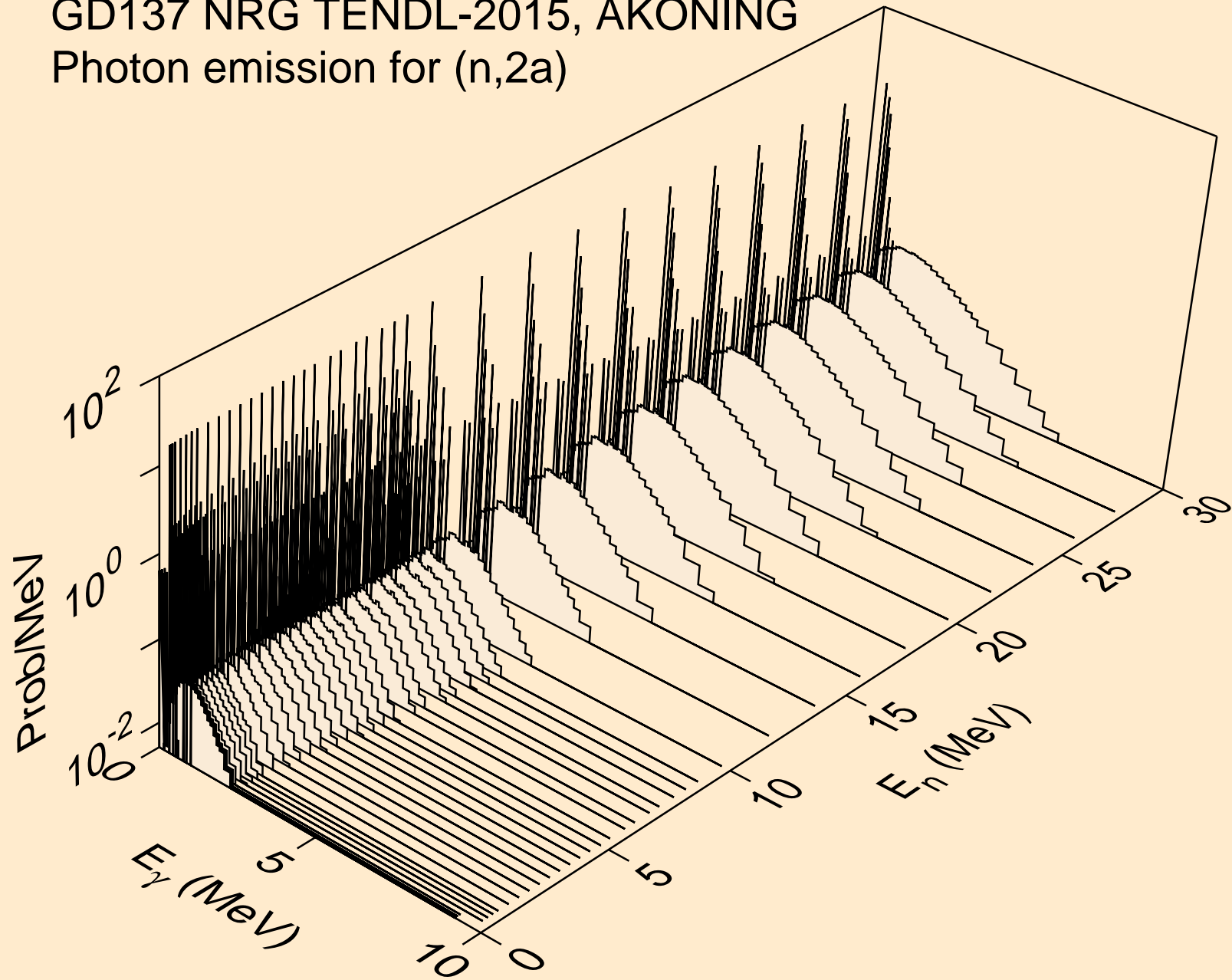
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



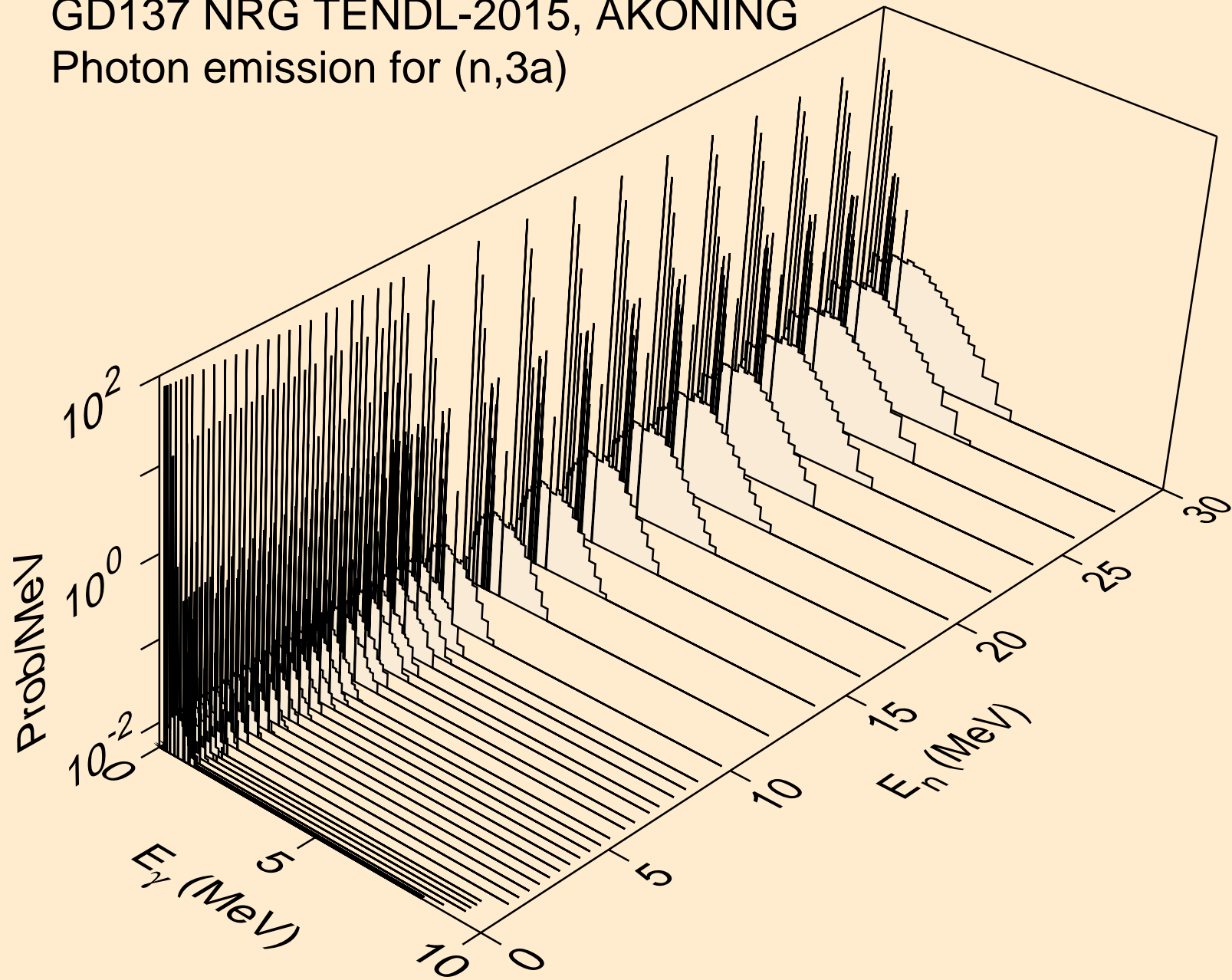
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



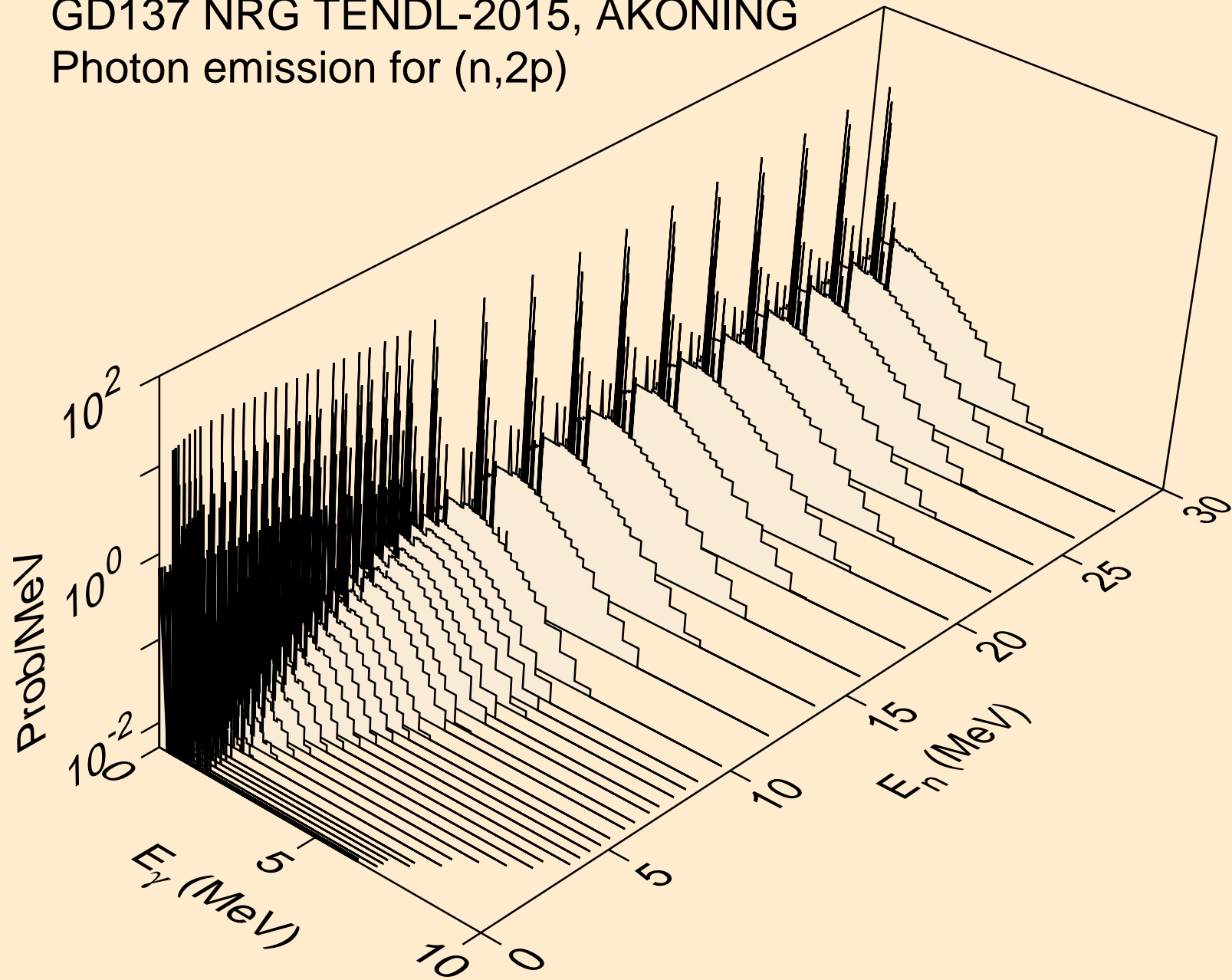
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



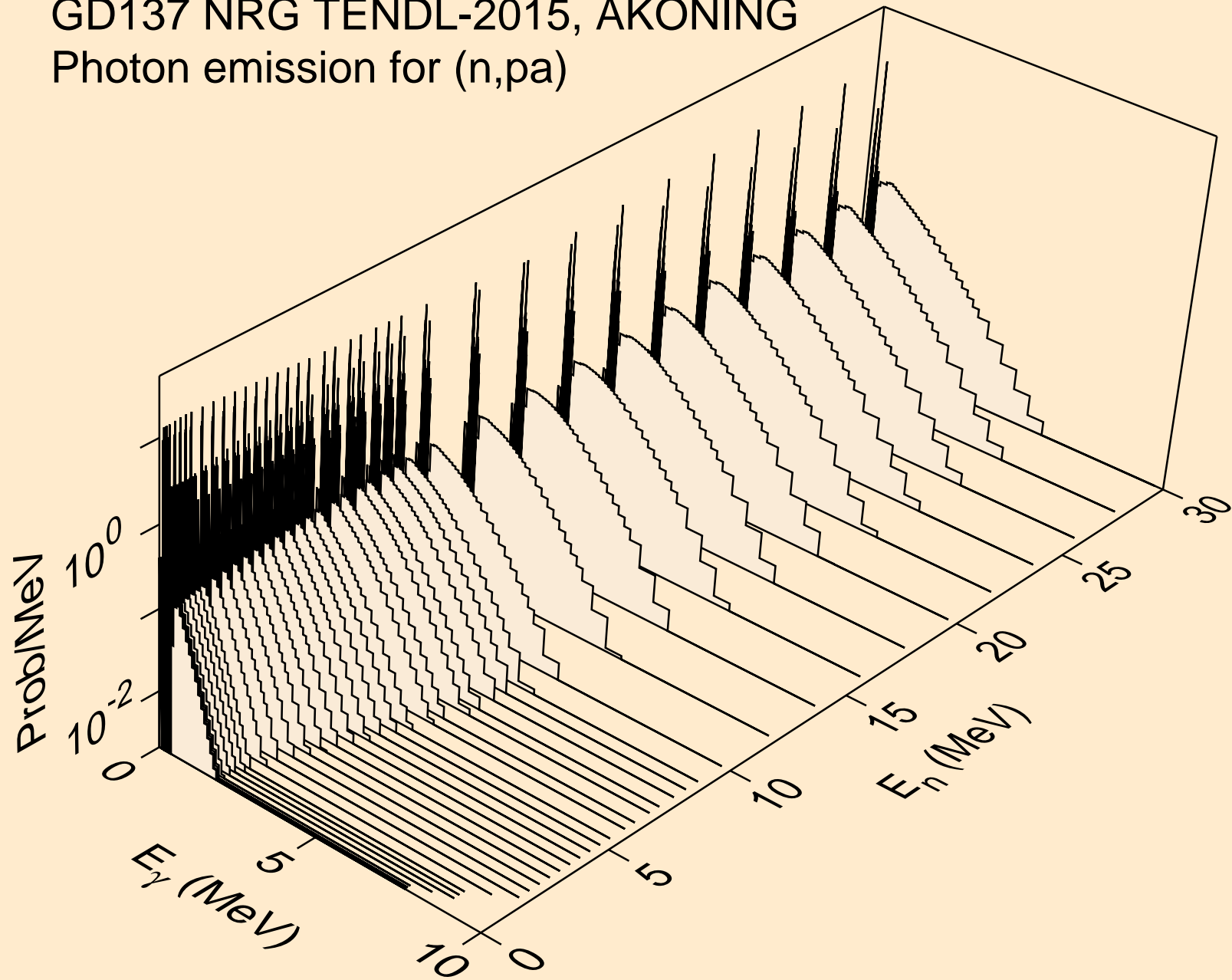
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

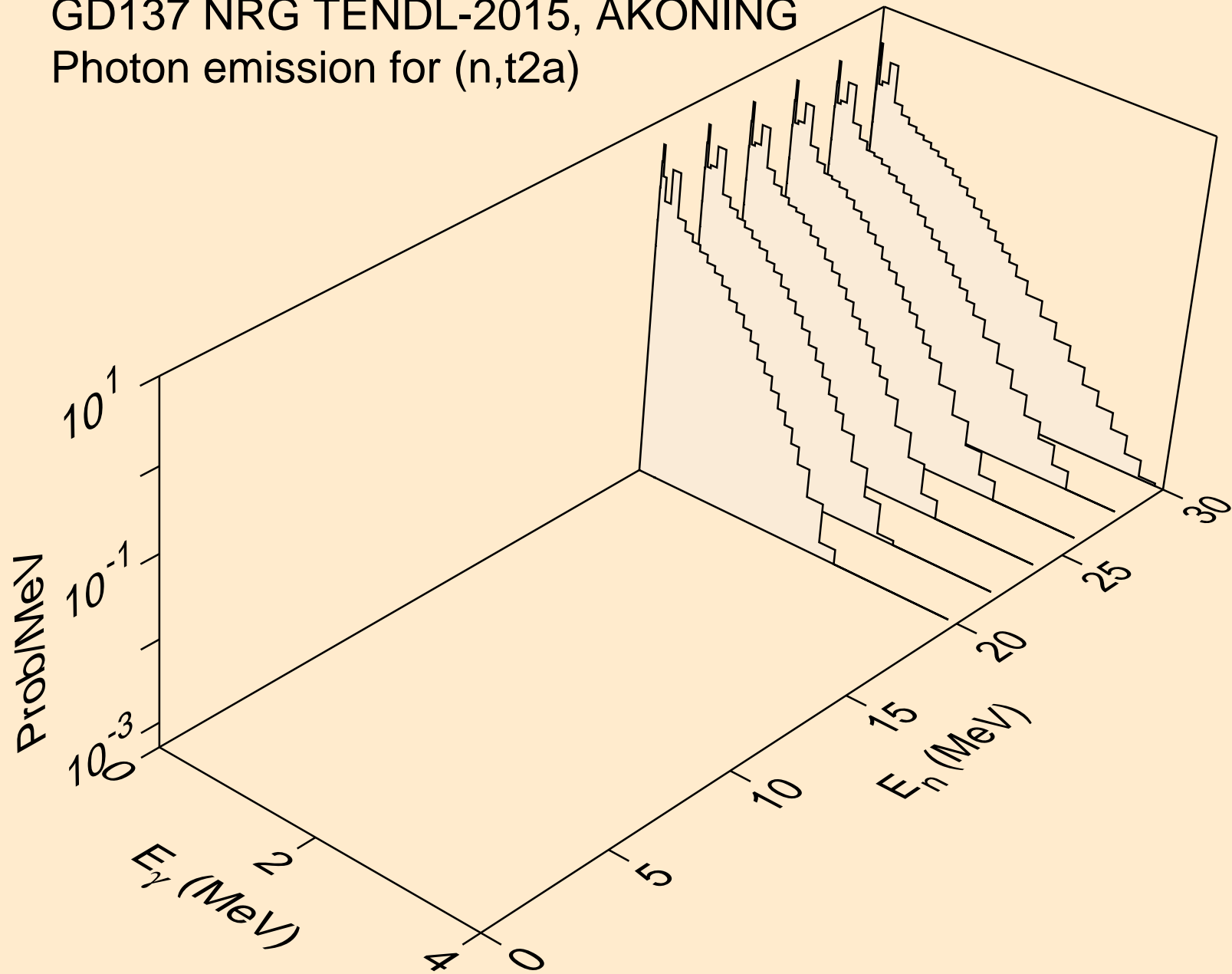


GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

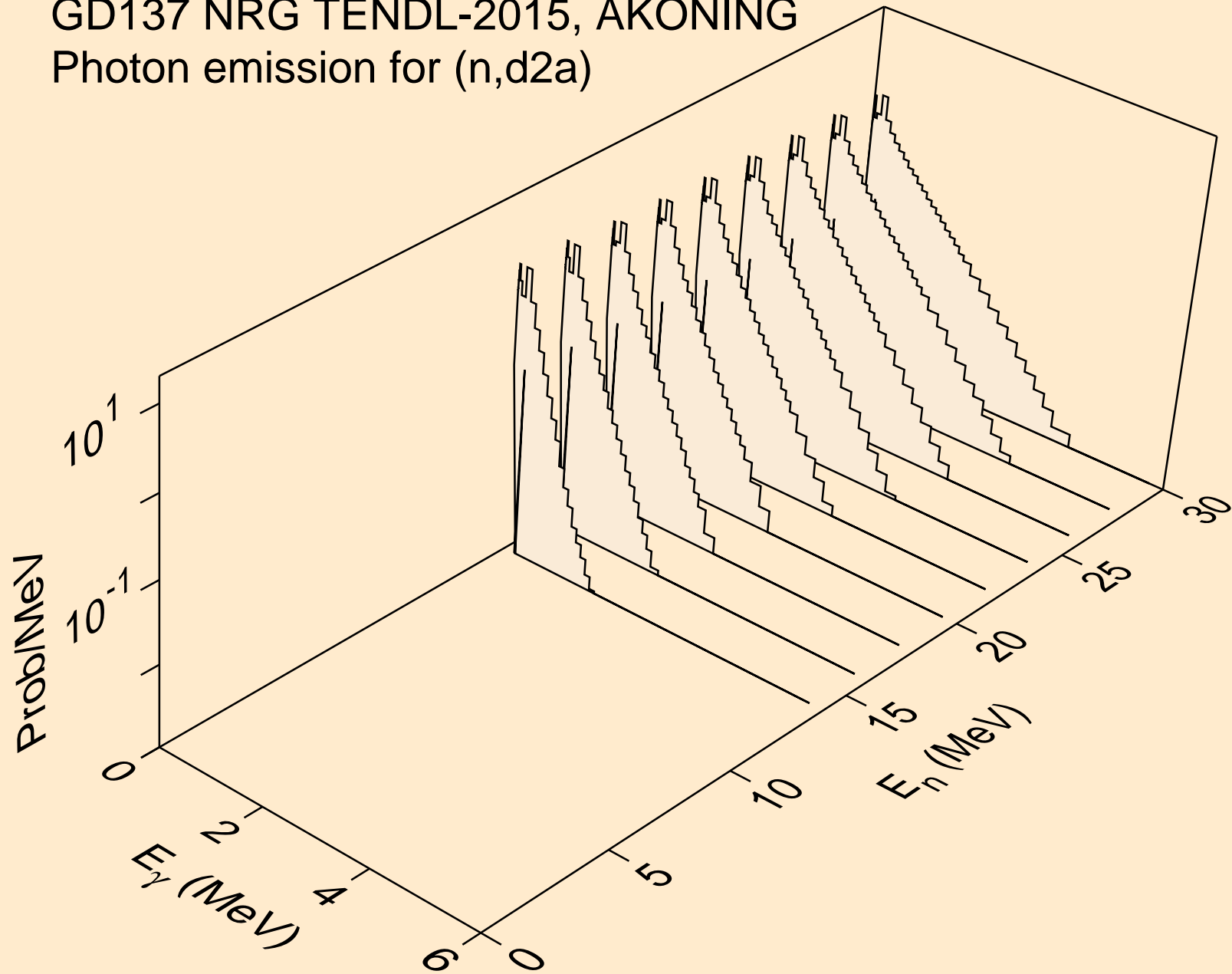




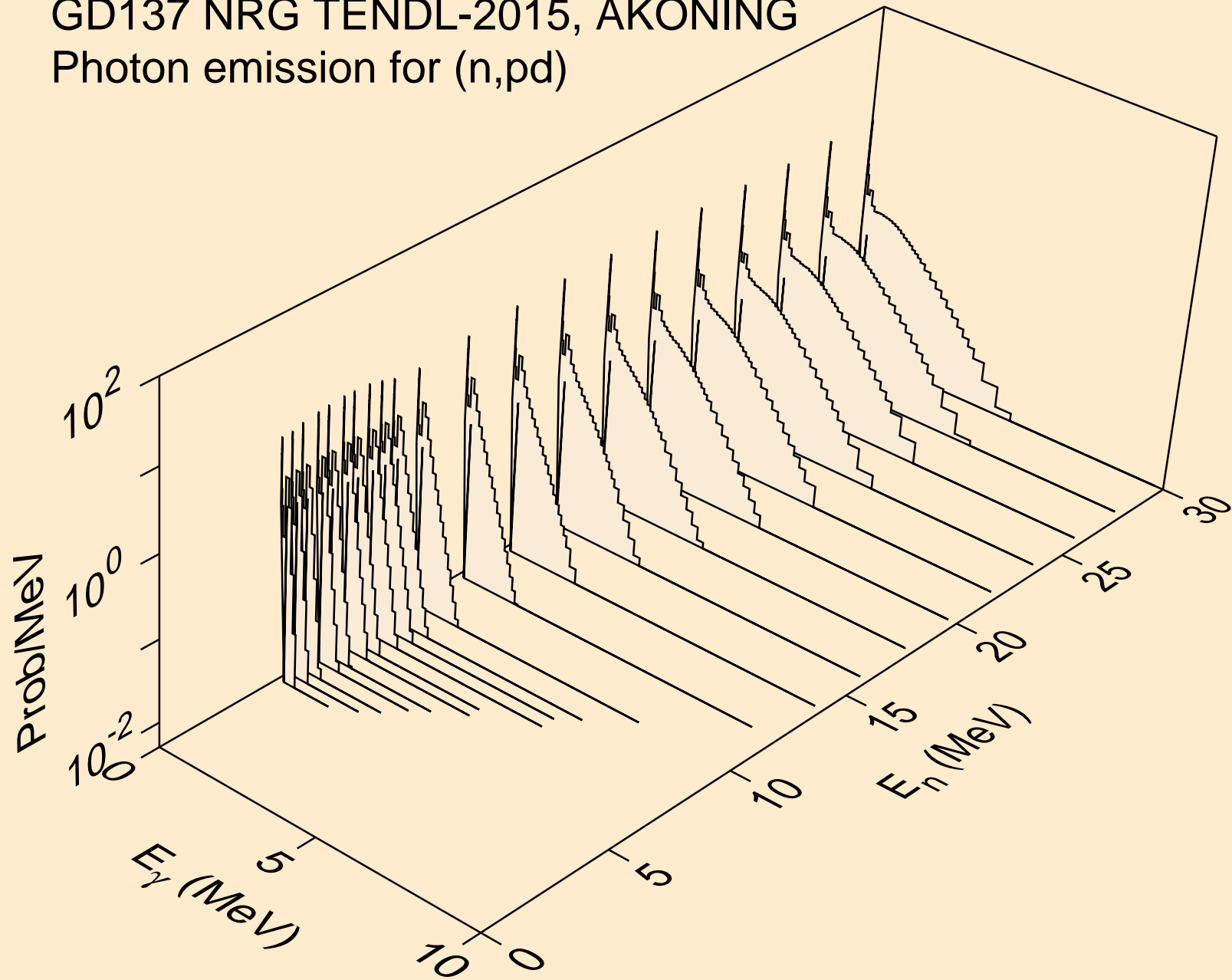
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



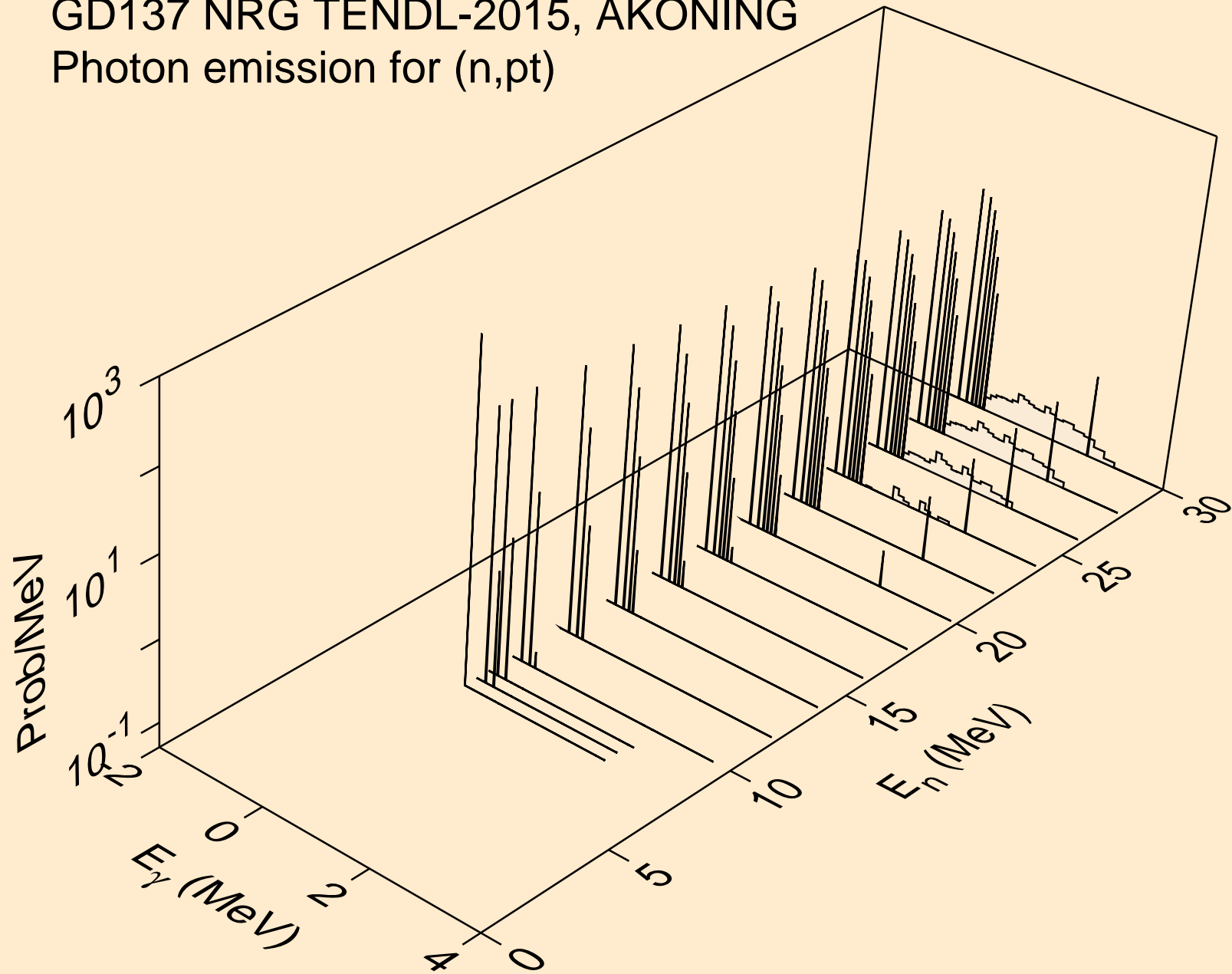
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



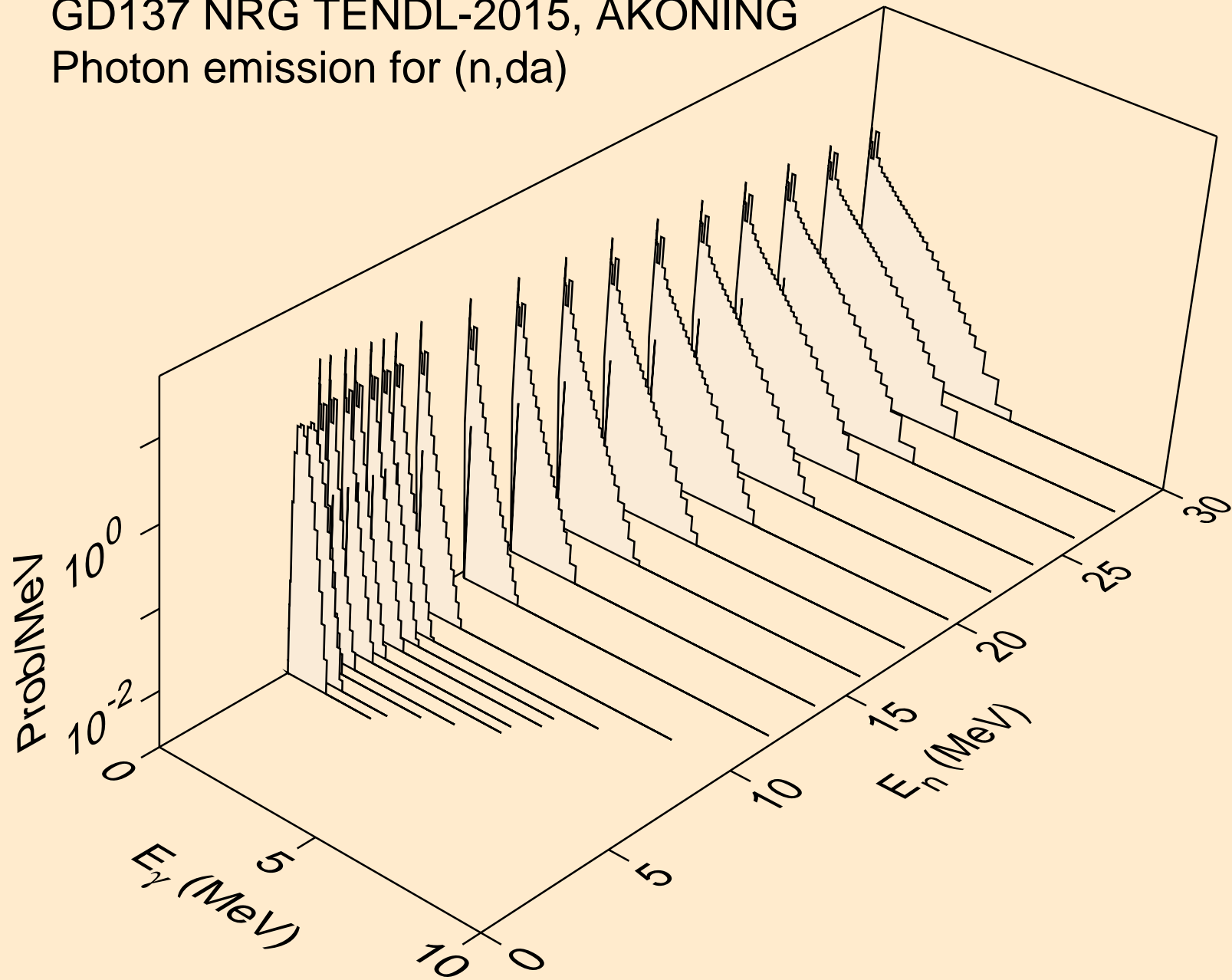
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



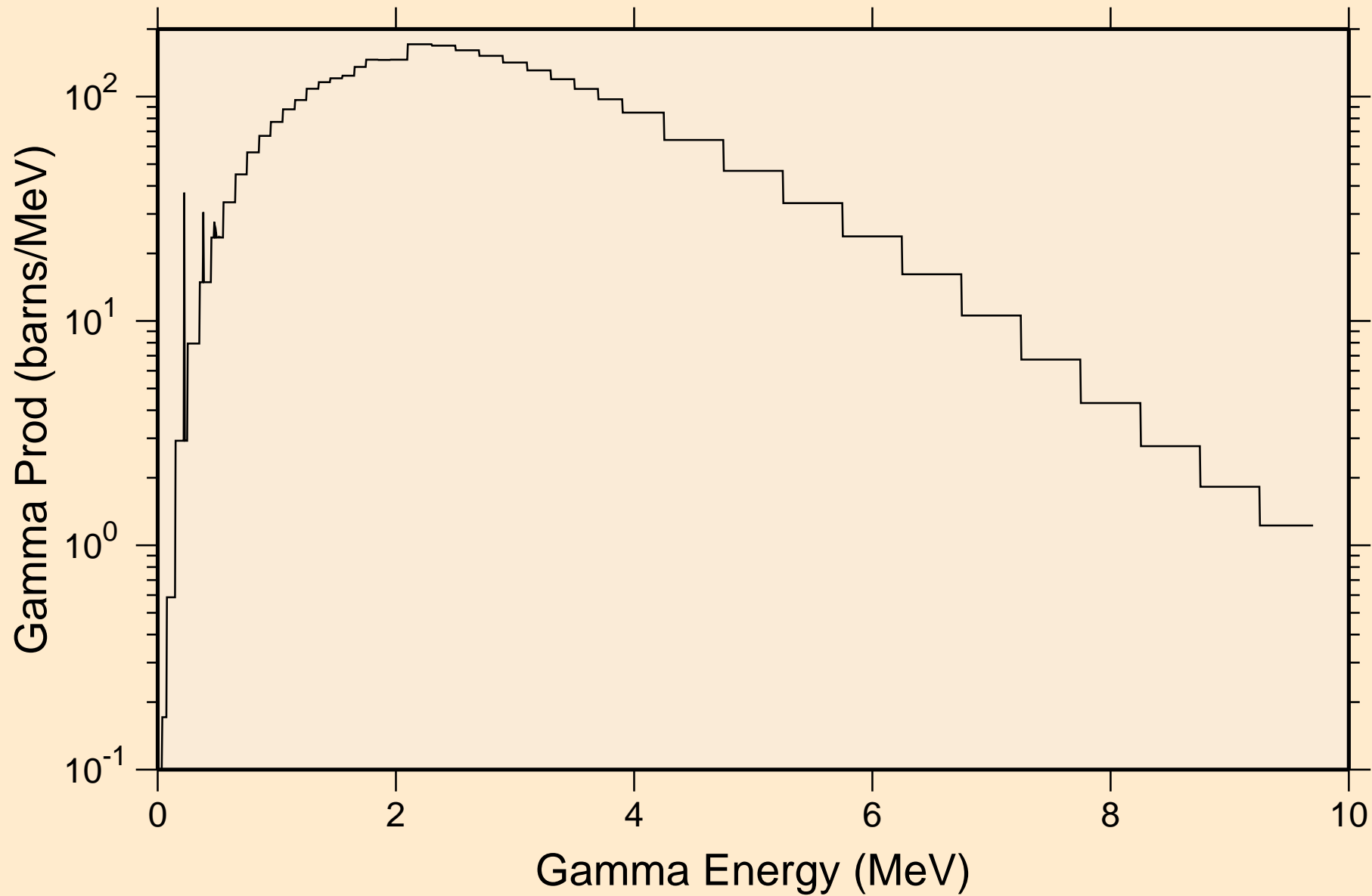
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



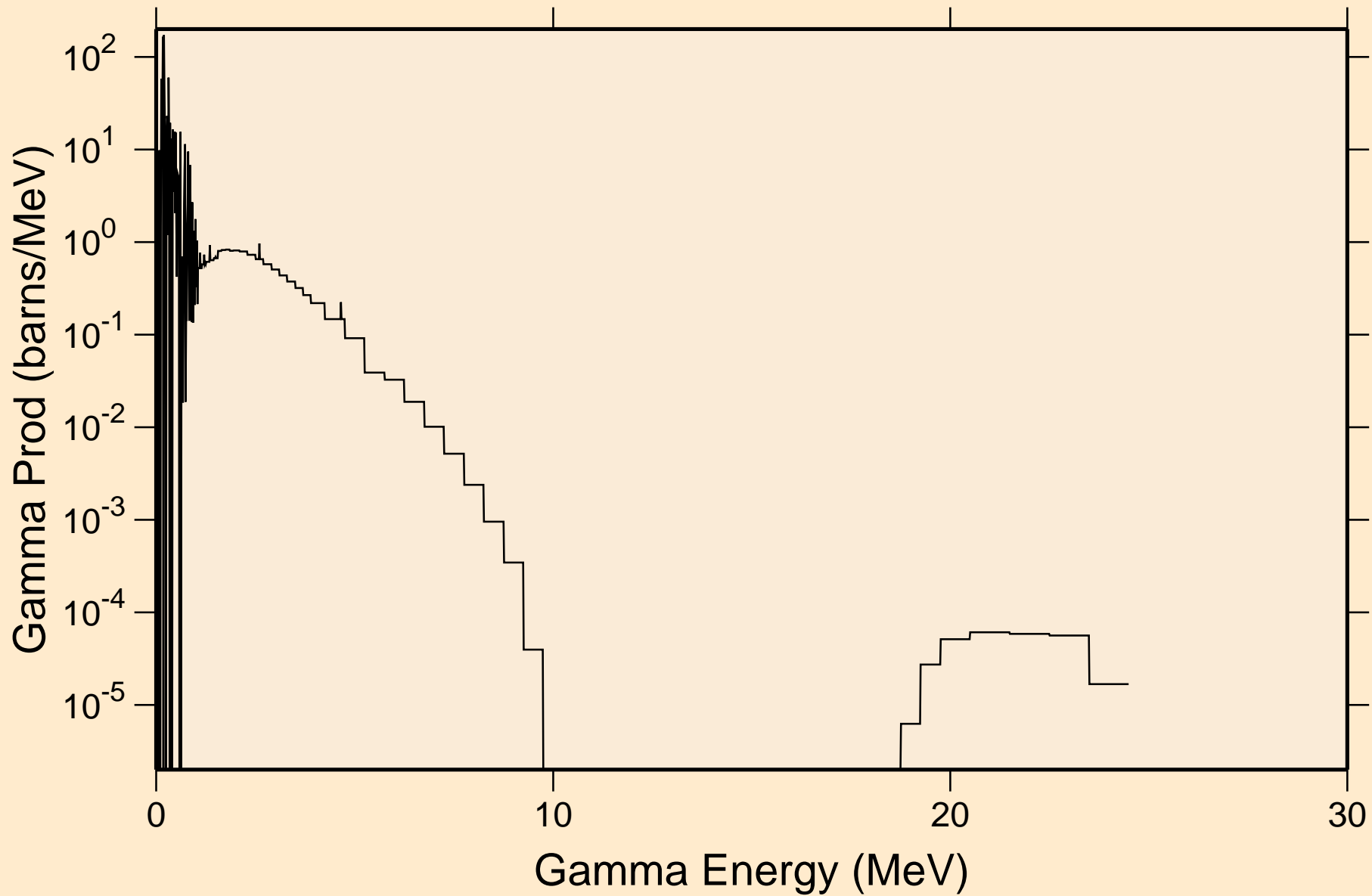
GD137 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



GD137 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

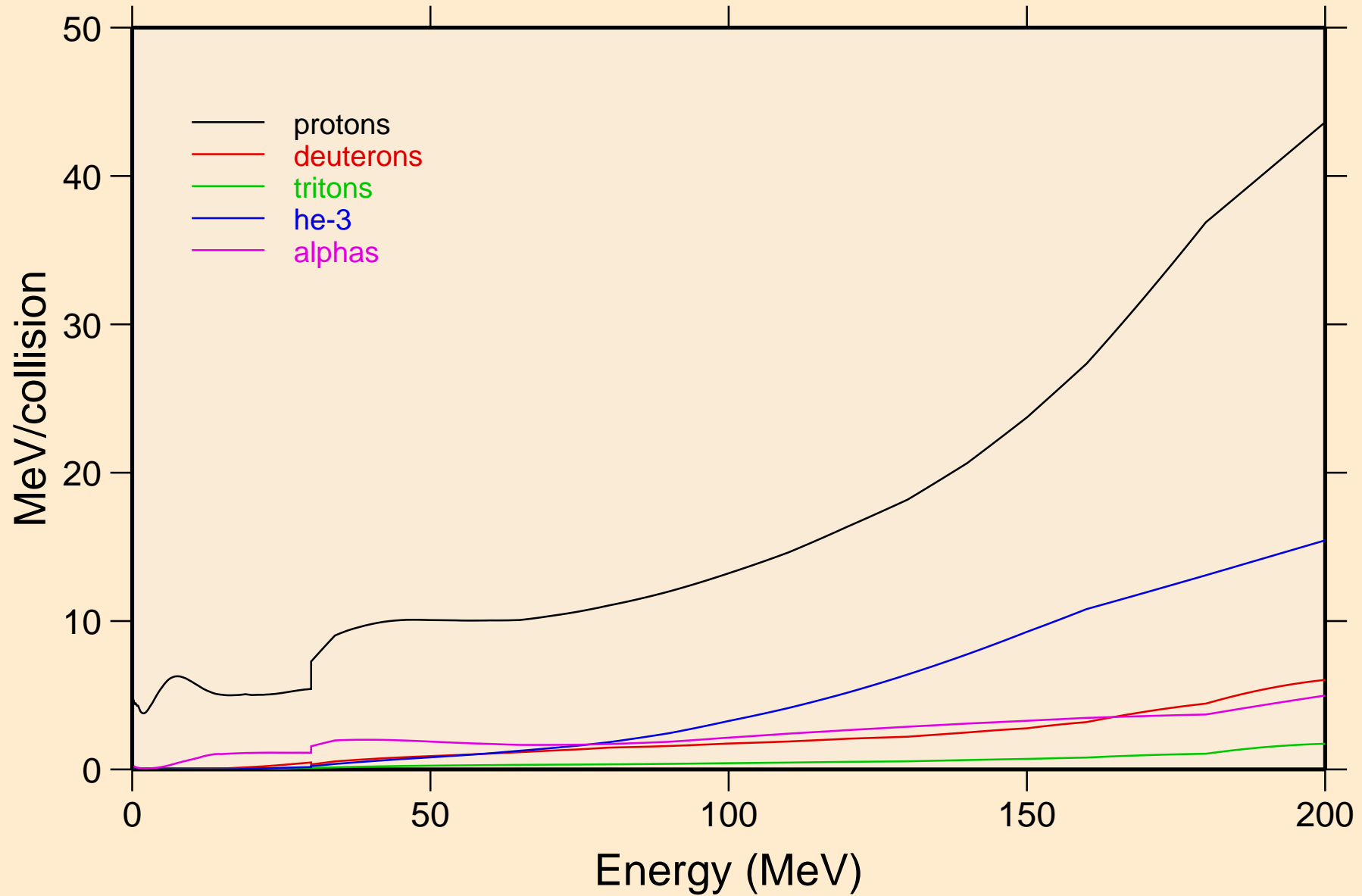


GD137 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# GD137 NRG TENDL-2015, AKONING

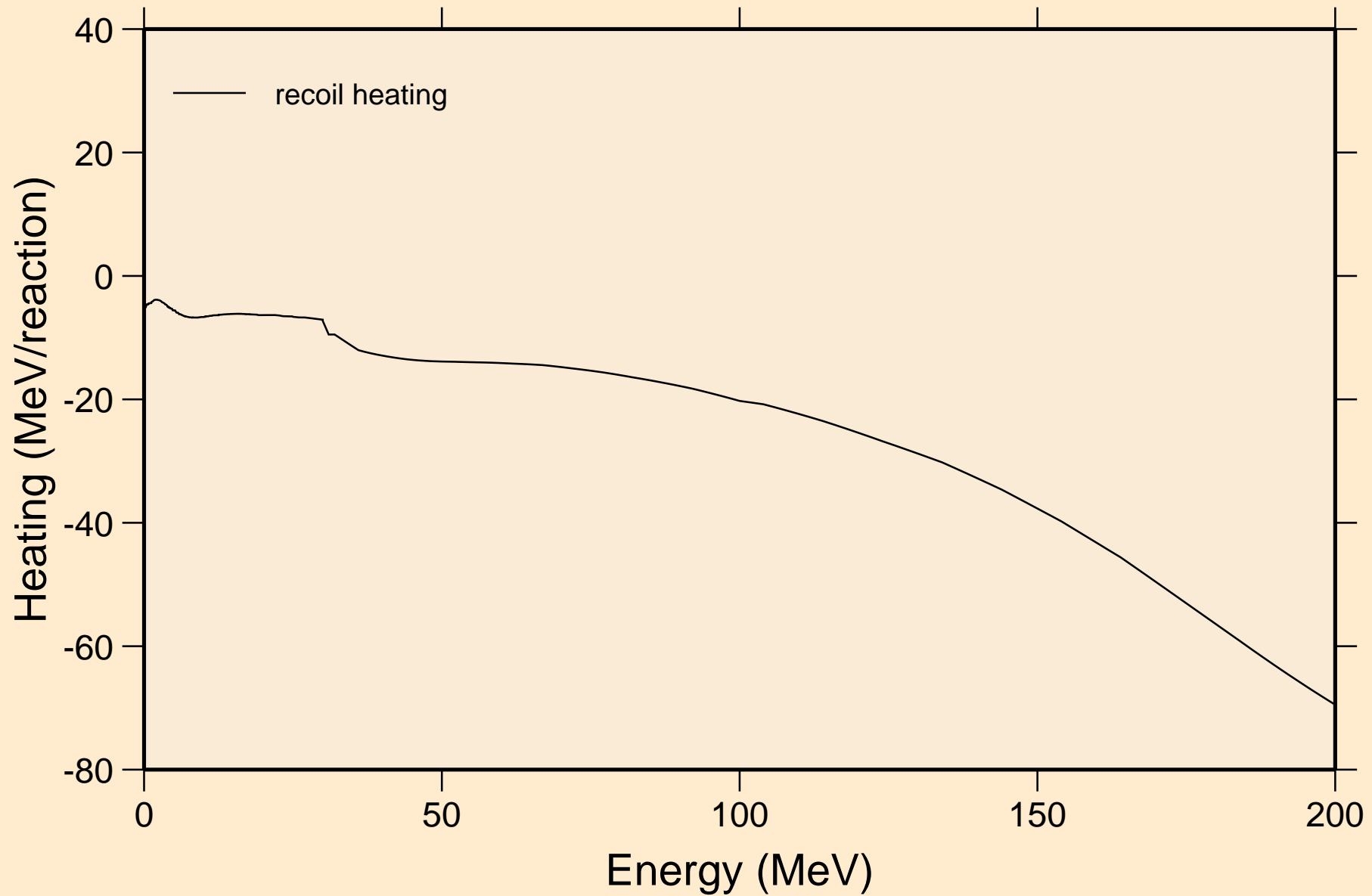
## Particle heating contributions





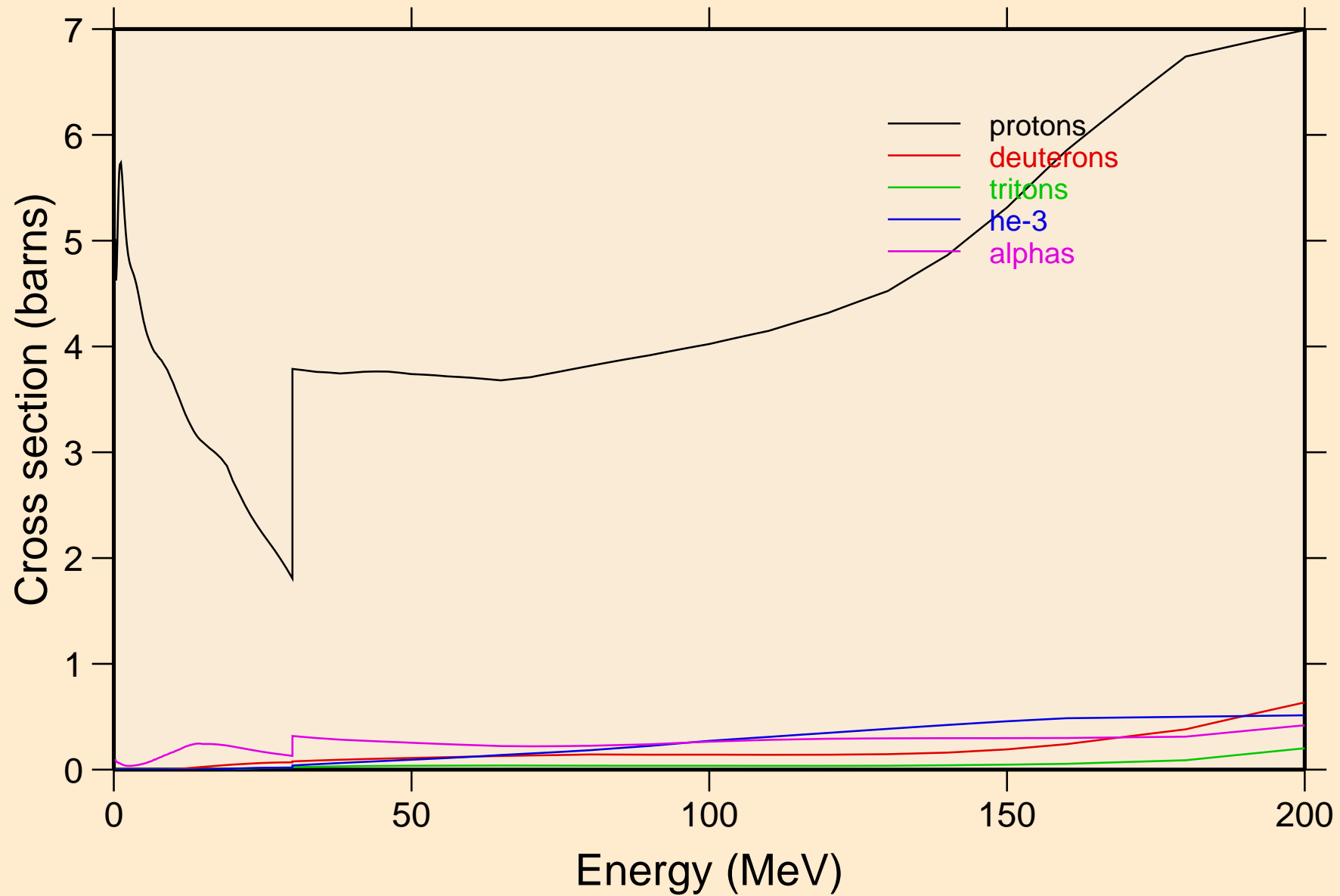
# GD137 NRG TENDL-2015, AKONING

## Recoil Heating

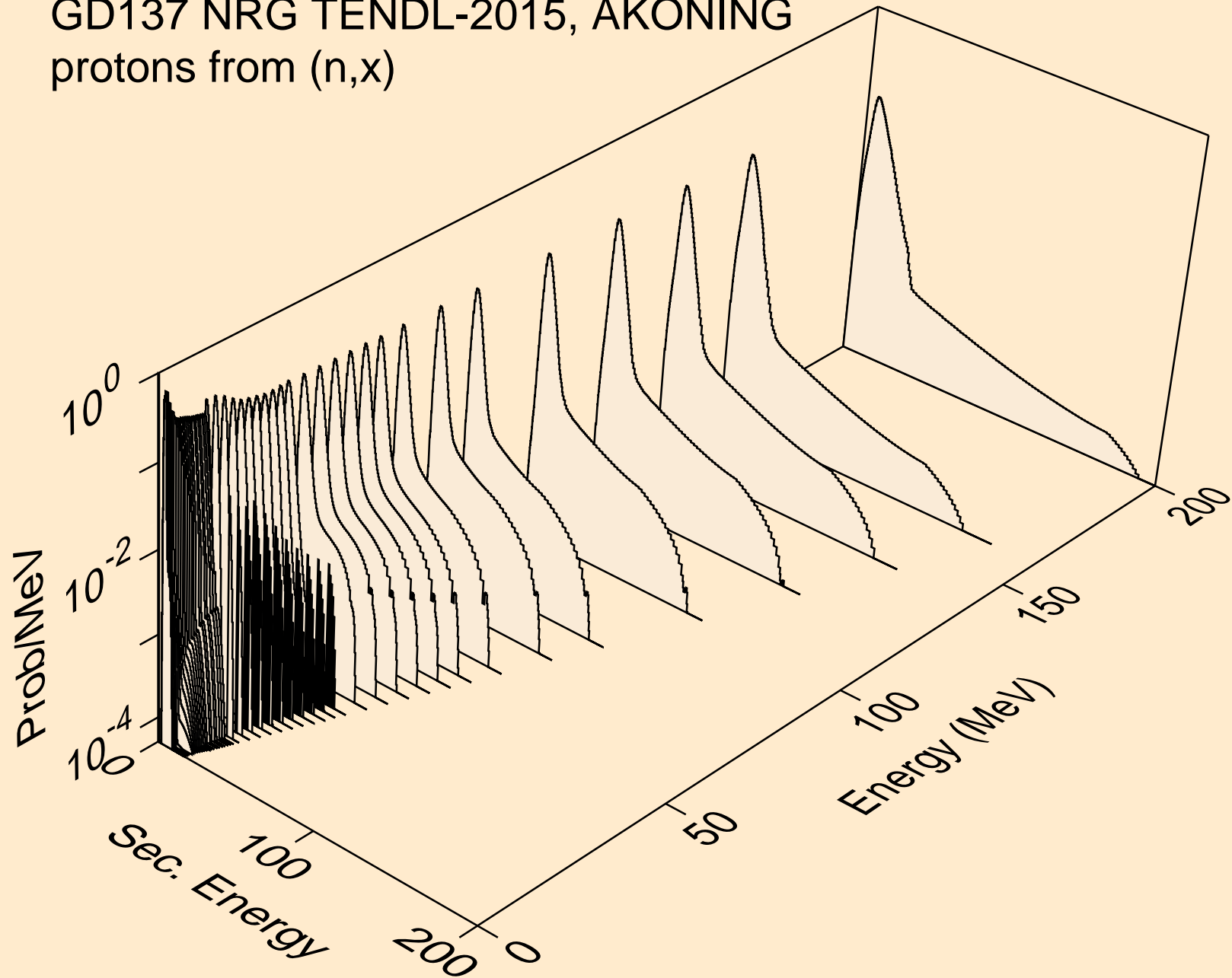


# GD137 NRG TENDL-2015, AKONING

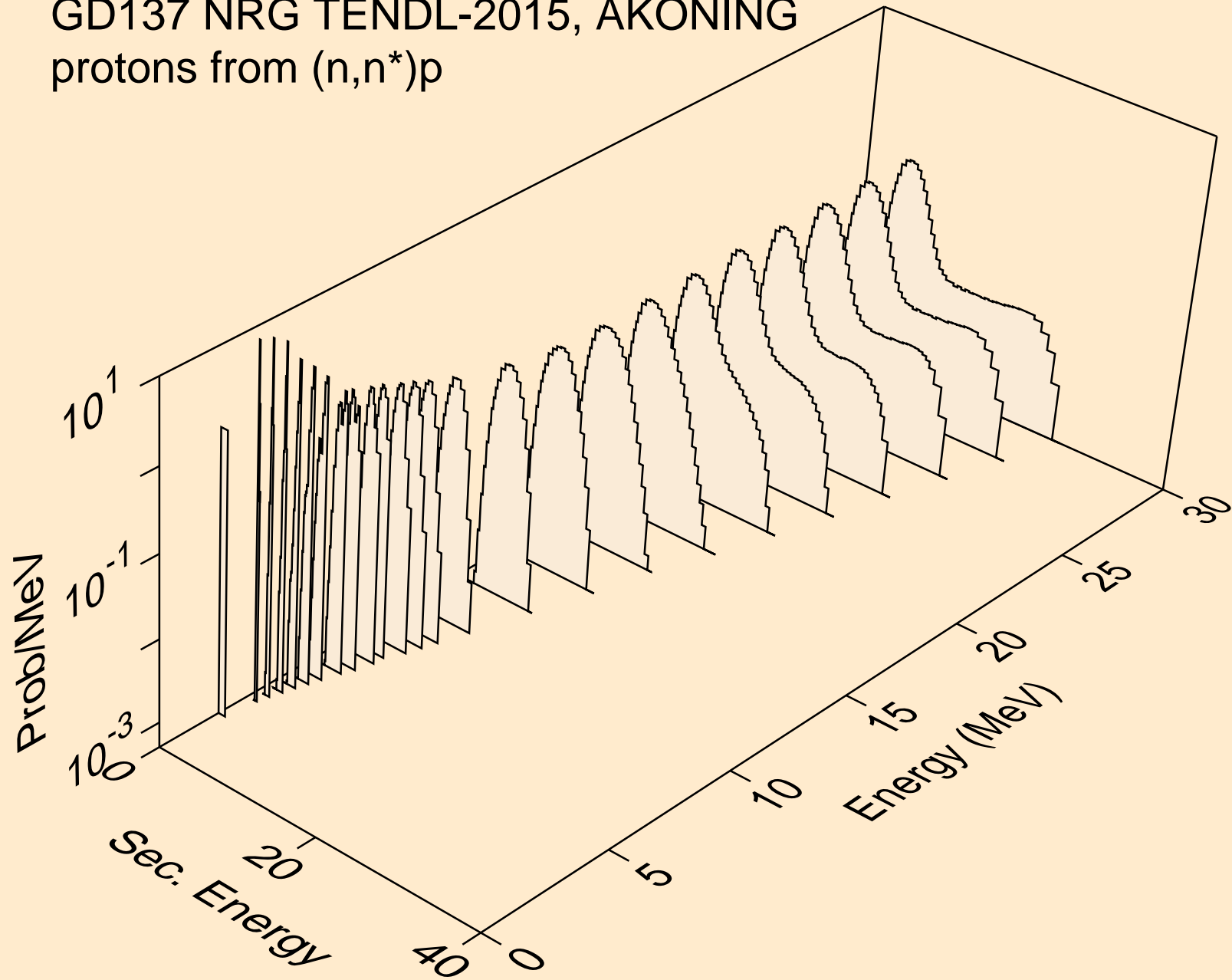
## Particle production cross sections



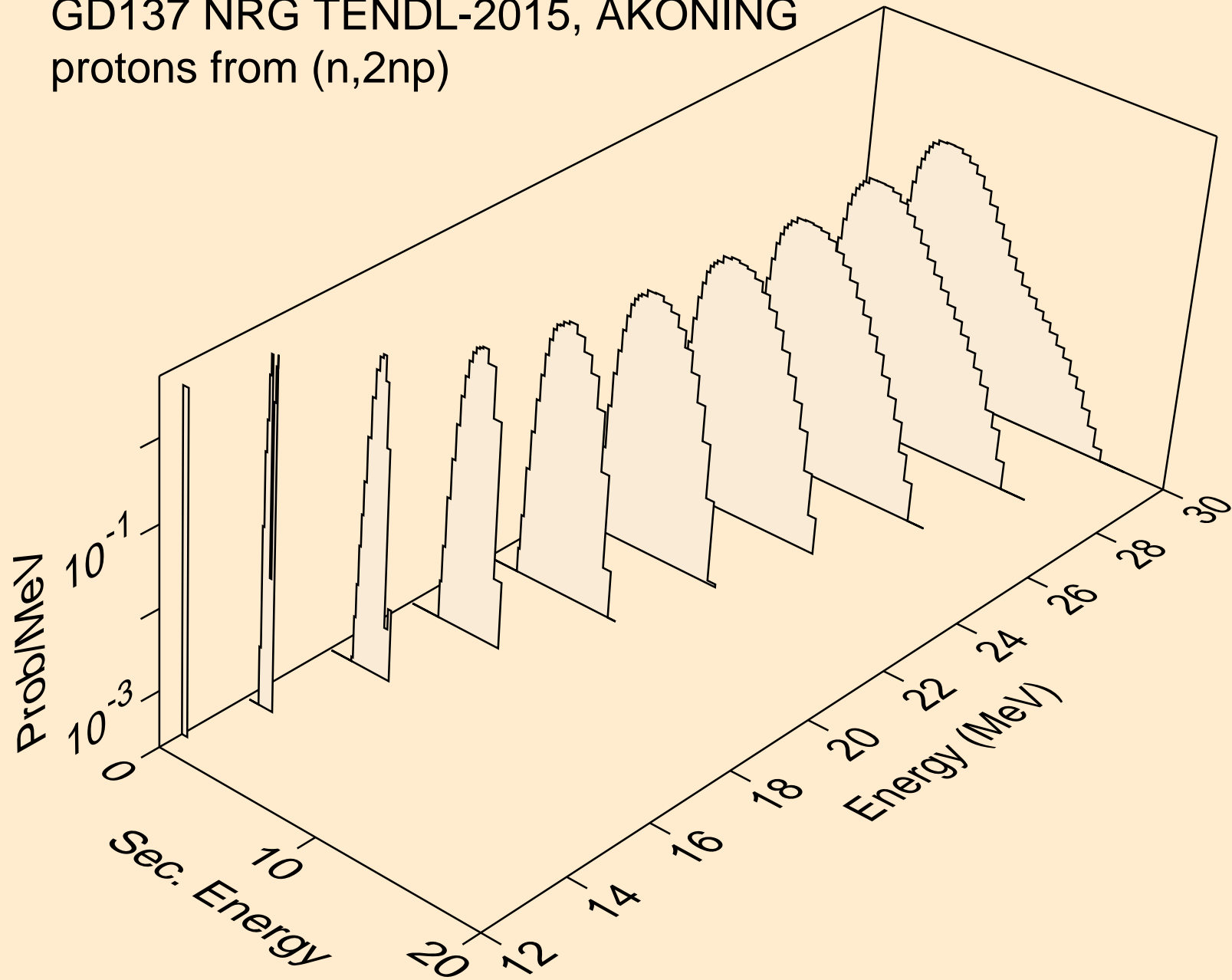
GD137 NRG TENDL-2015, AKONING  
protons from (n,x)



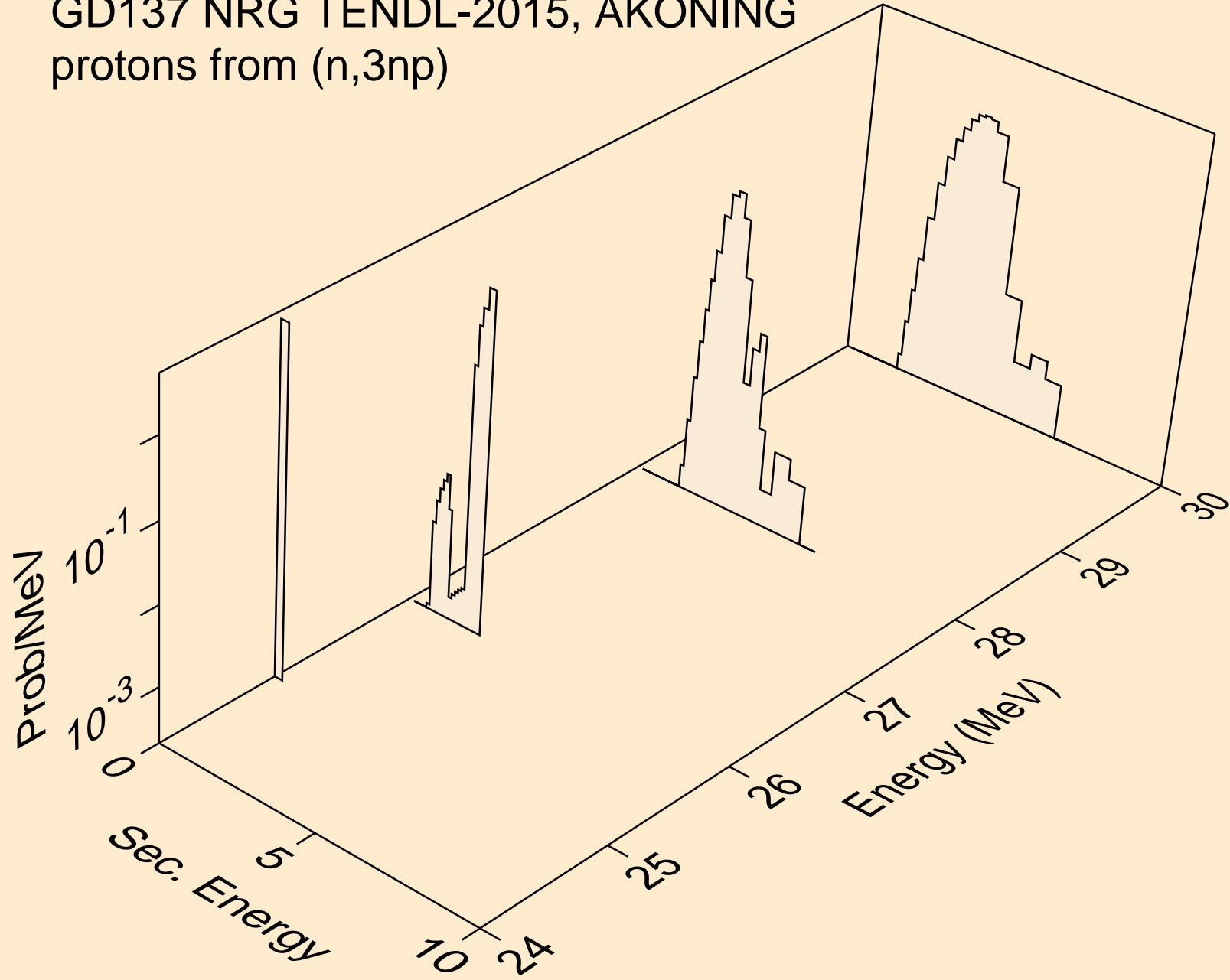
GD137 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



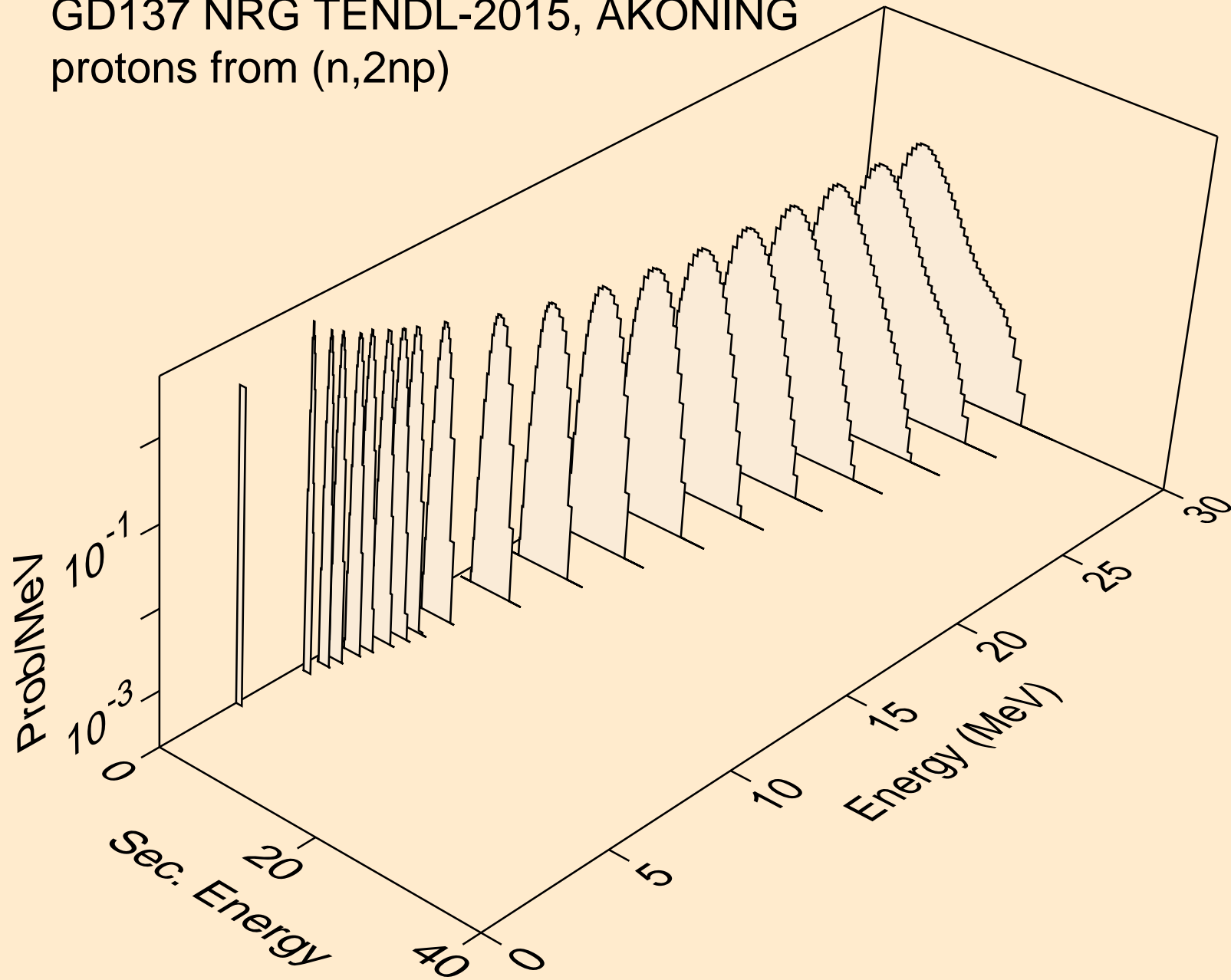
GD137 NRG TENDL-2015, AKONING  
protons from (n,2np)



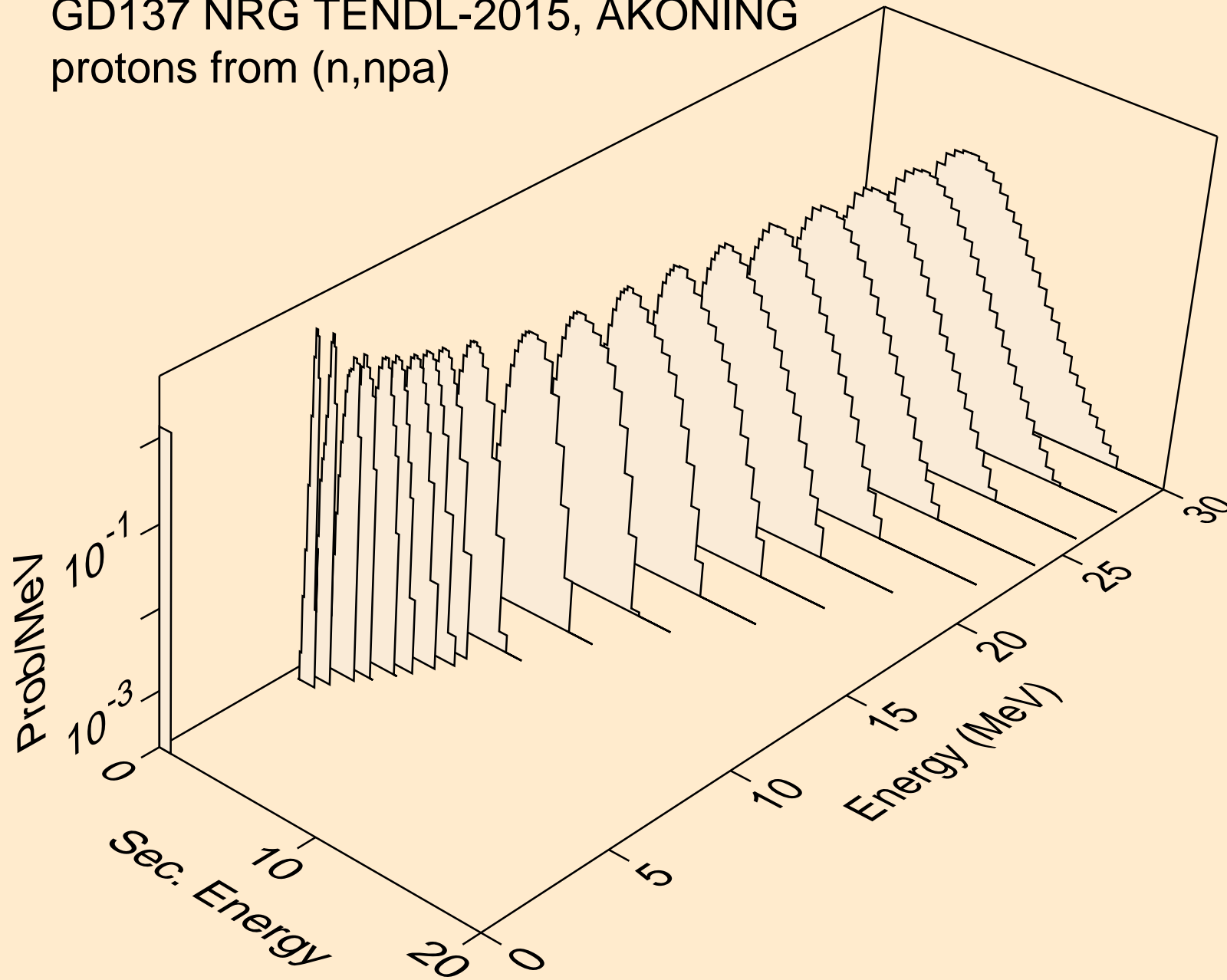
GD137 NRG TENDL-2015, AKONING  
protons from (n,3np)



GD137 NRG TENDL-2015, AKONING  
protons from (n,2np)

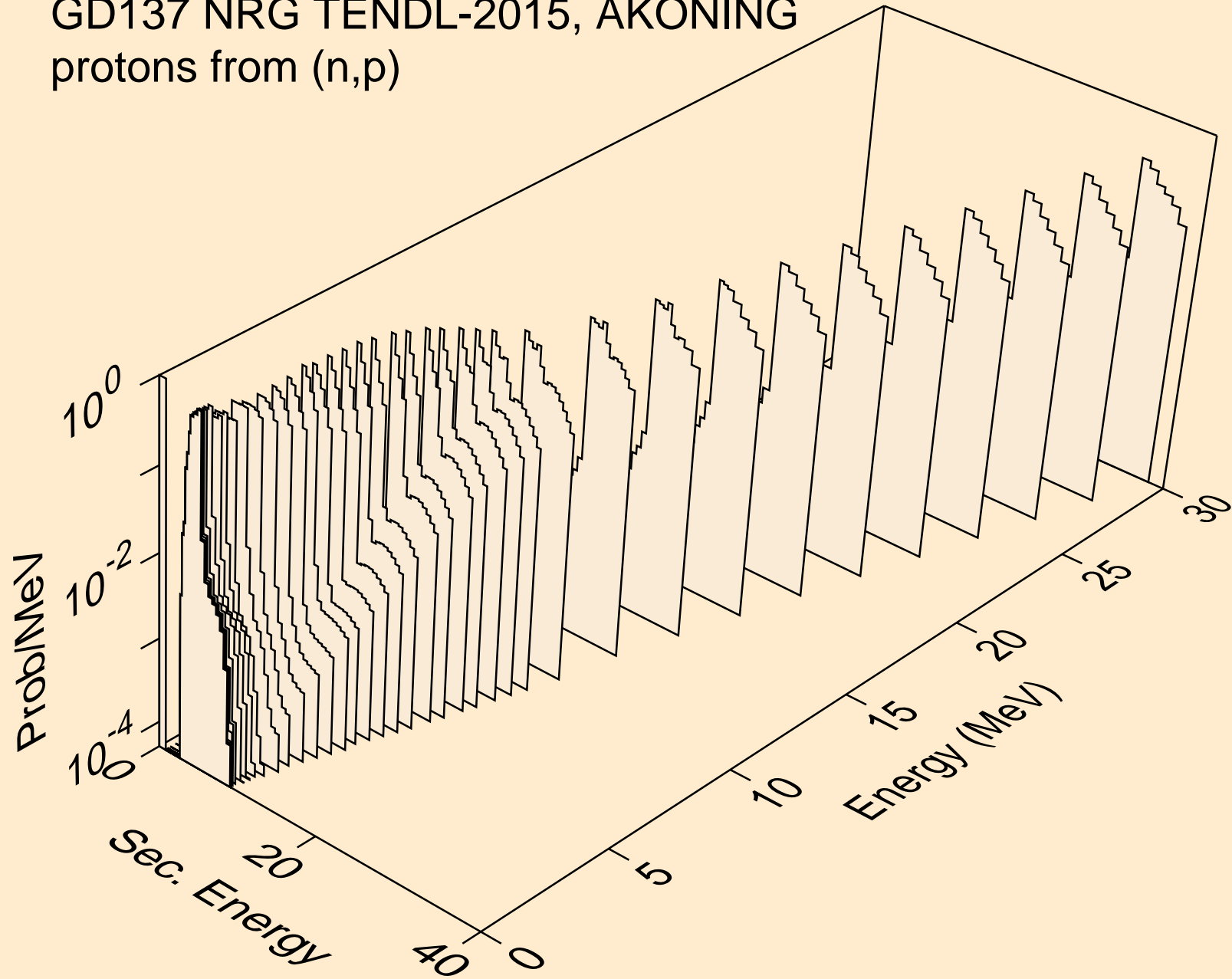


GD137 NRG TENDL-2015, AKONING  
protons from (n,npa)

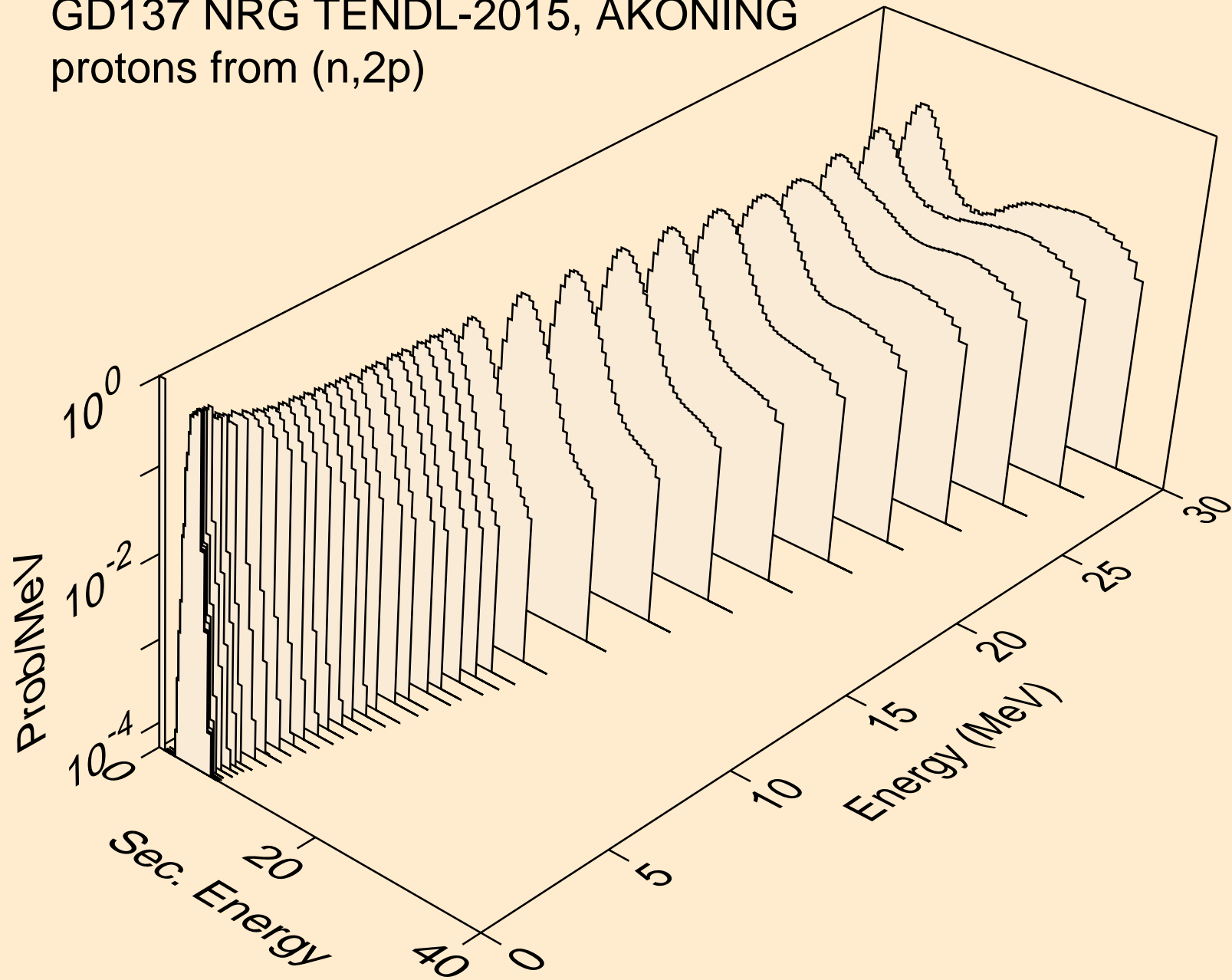




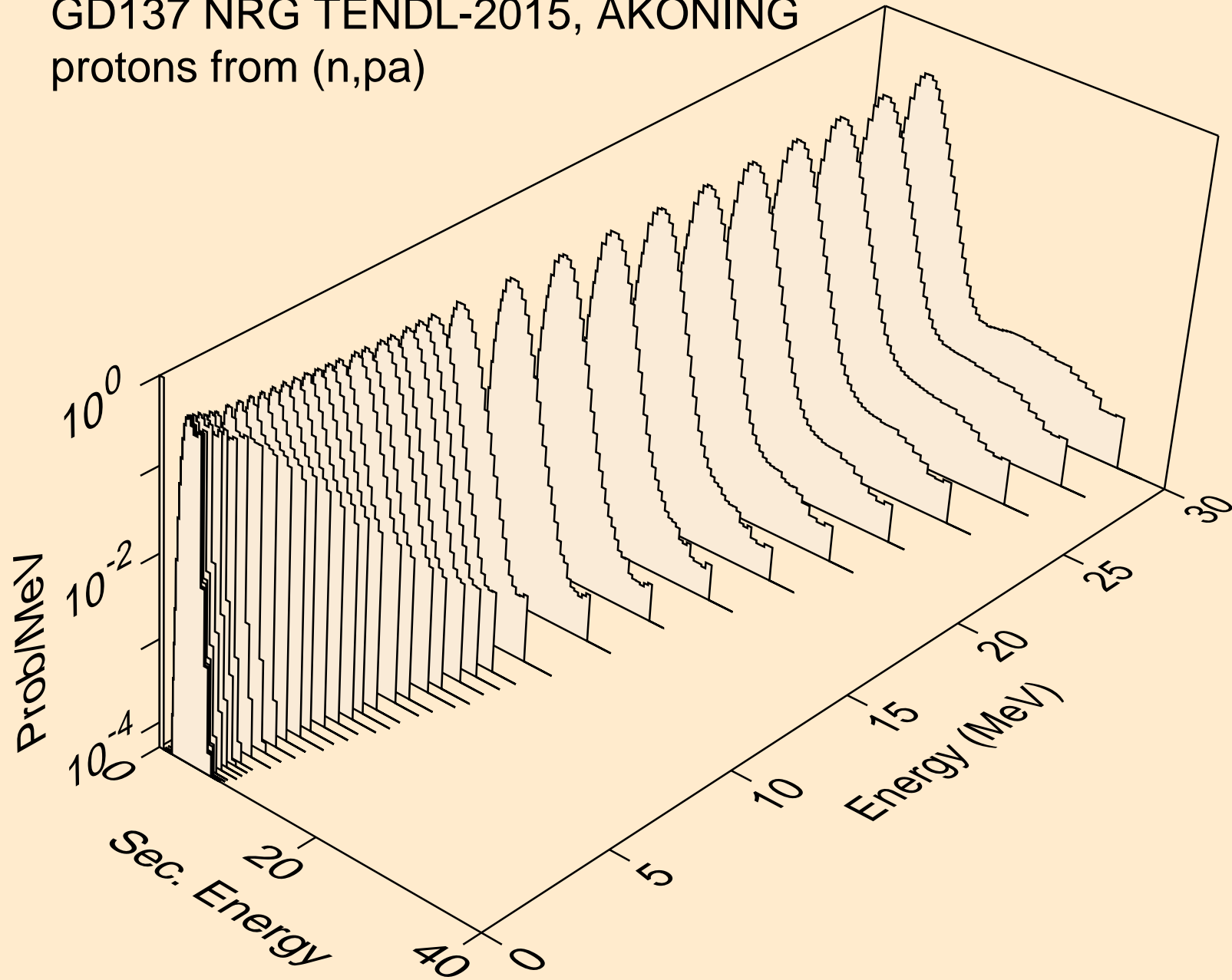
GD137 NRG TENDL-2015, AKONING  
protons from (n,p)



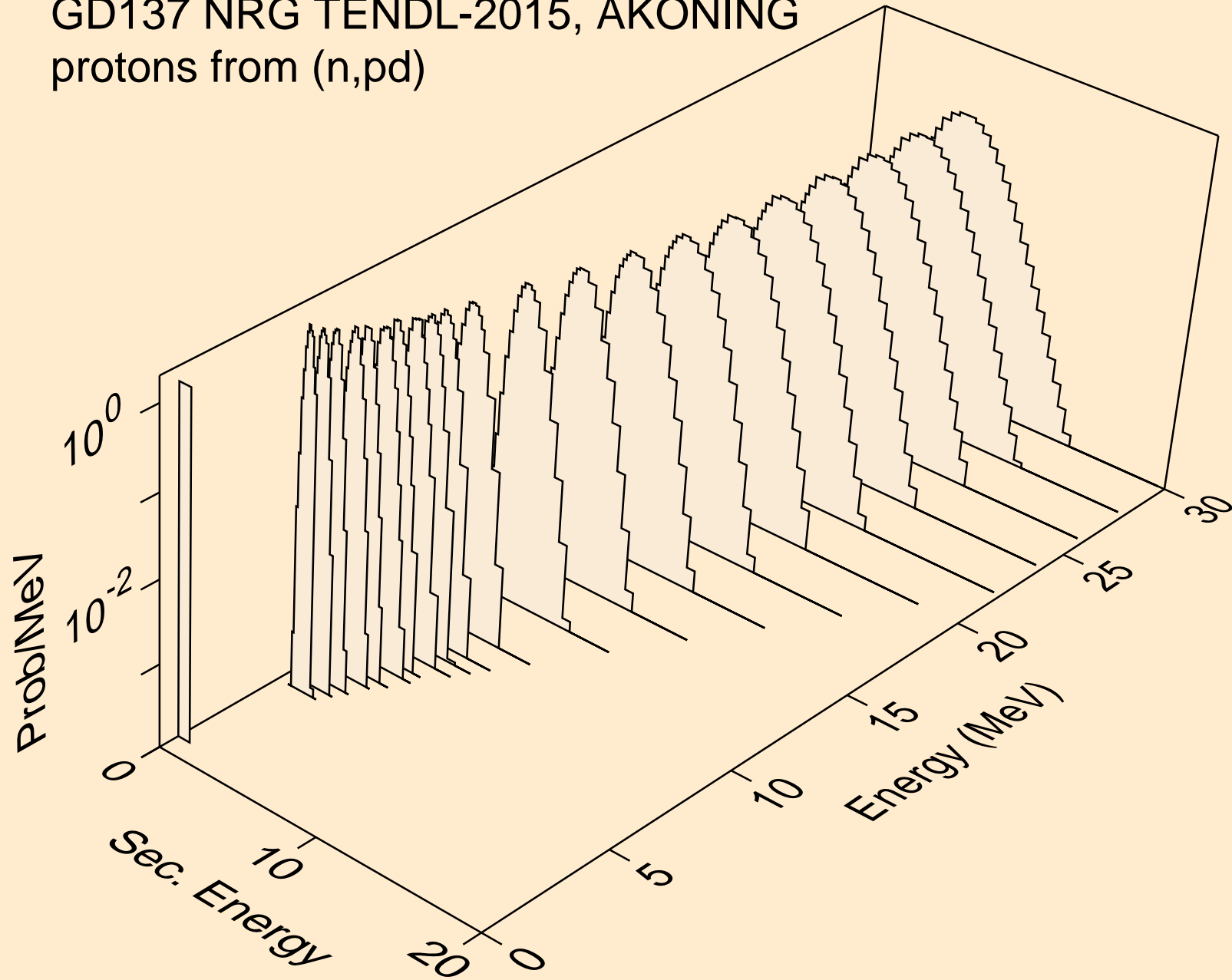
GD137 NRG TENDL-2015, AKONING  
protons from (n,2p)



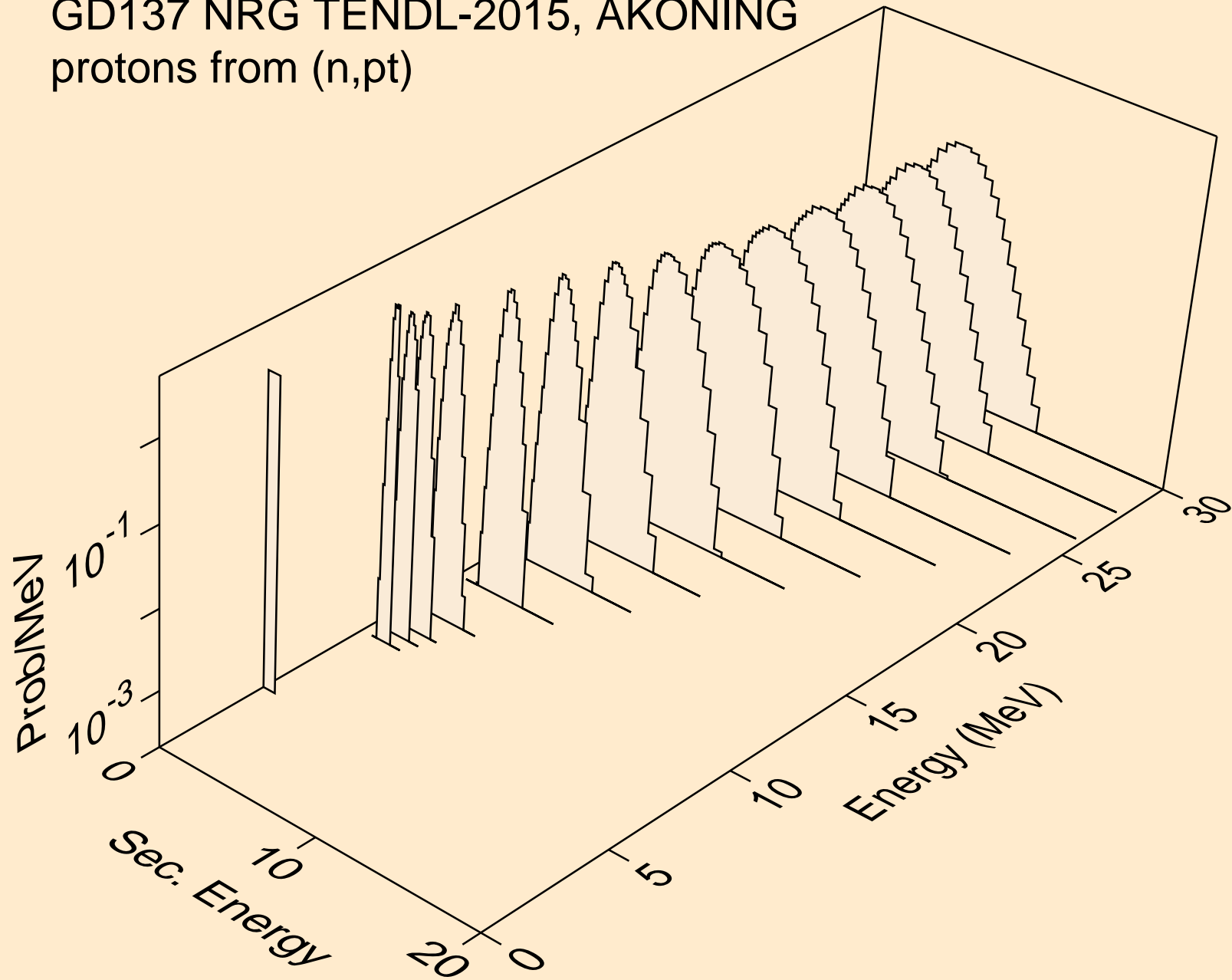
GD137 NRG TENDL-2015, AKONING  
protons from (n,pa)



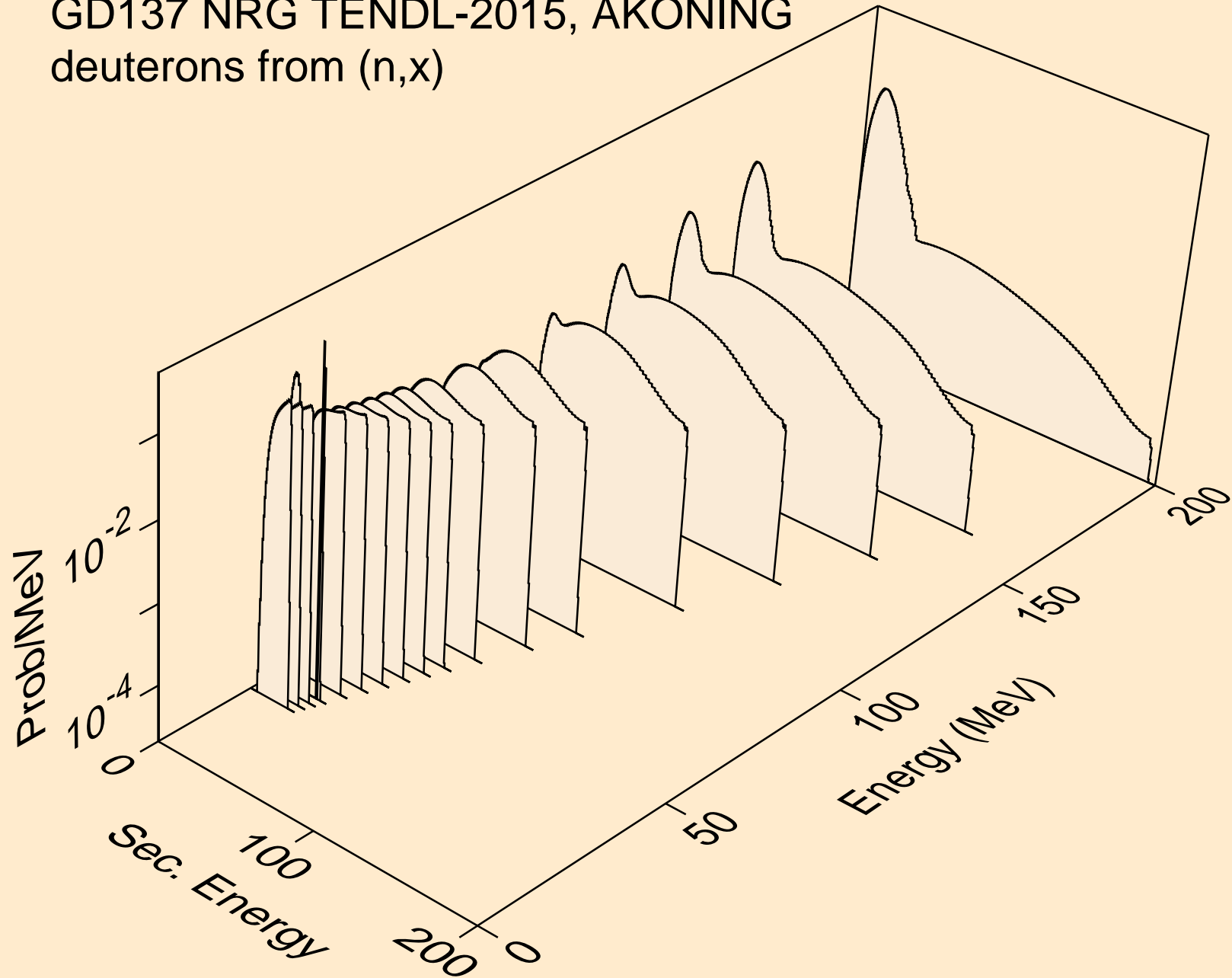
GD137 NRG TENDL-2015, AKONING  
protons from (n,pd)



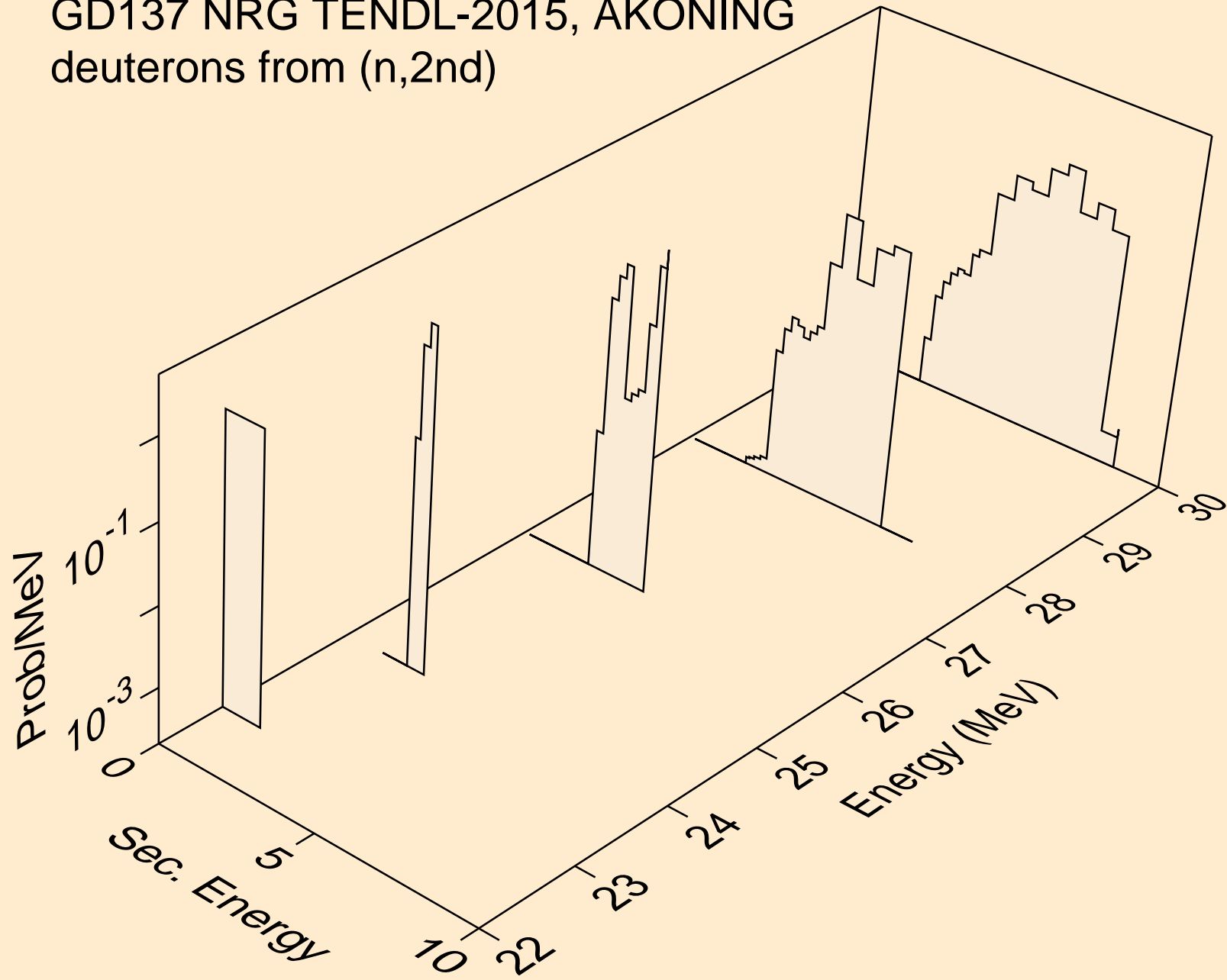
GD137 NRG TENDL-2015, AKONING  
protons from (n,pt)



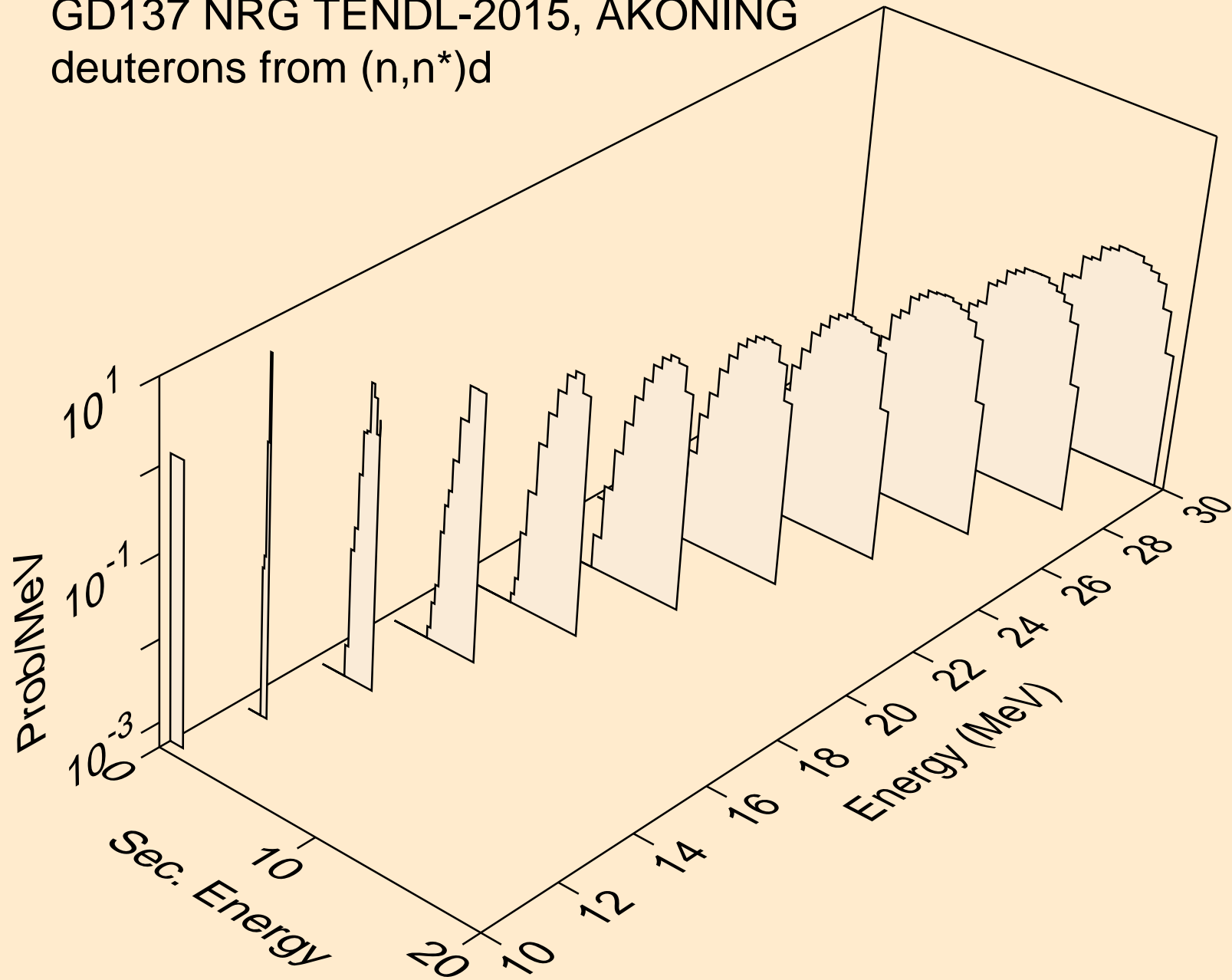
GD137 NRG TENDL-2015, AKONING  
deuterons from (n,x)



GD137 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

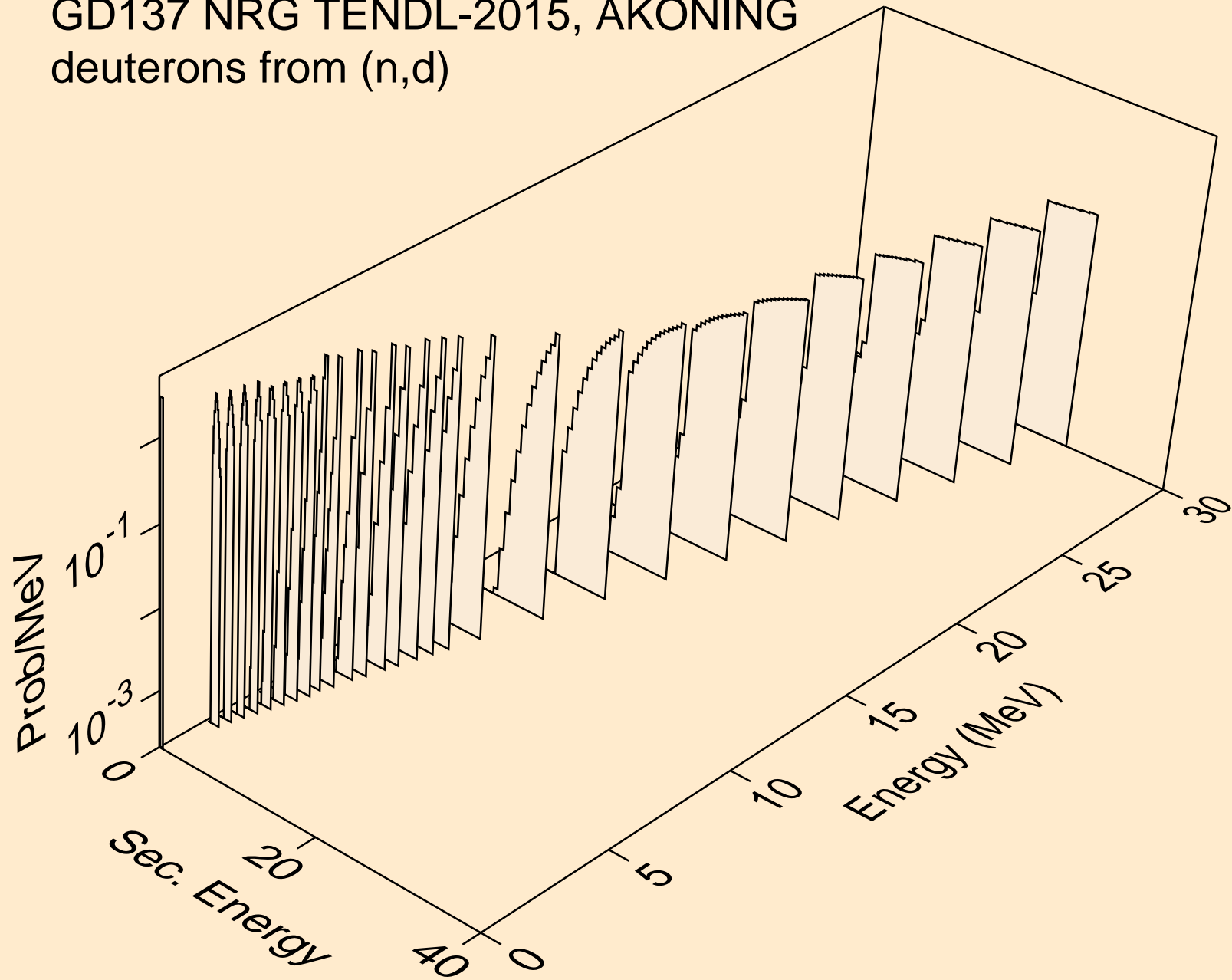


GD137 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

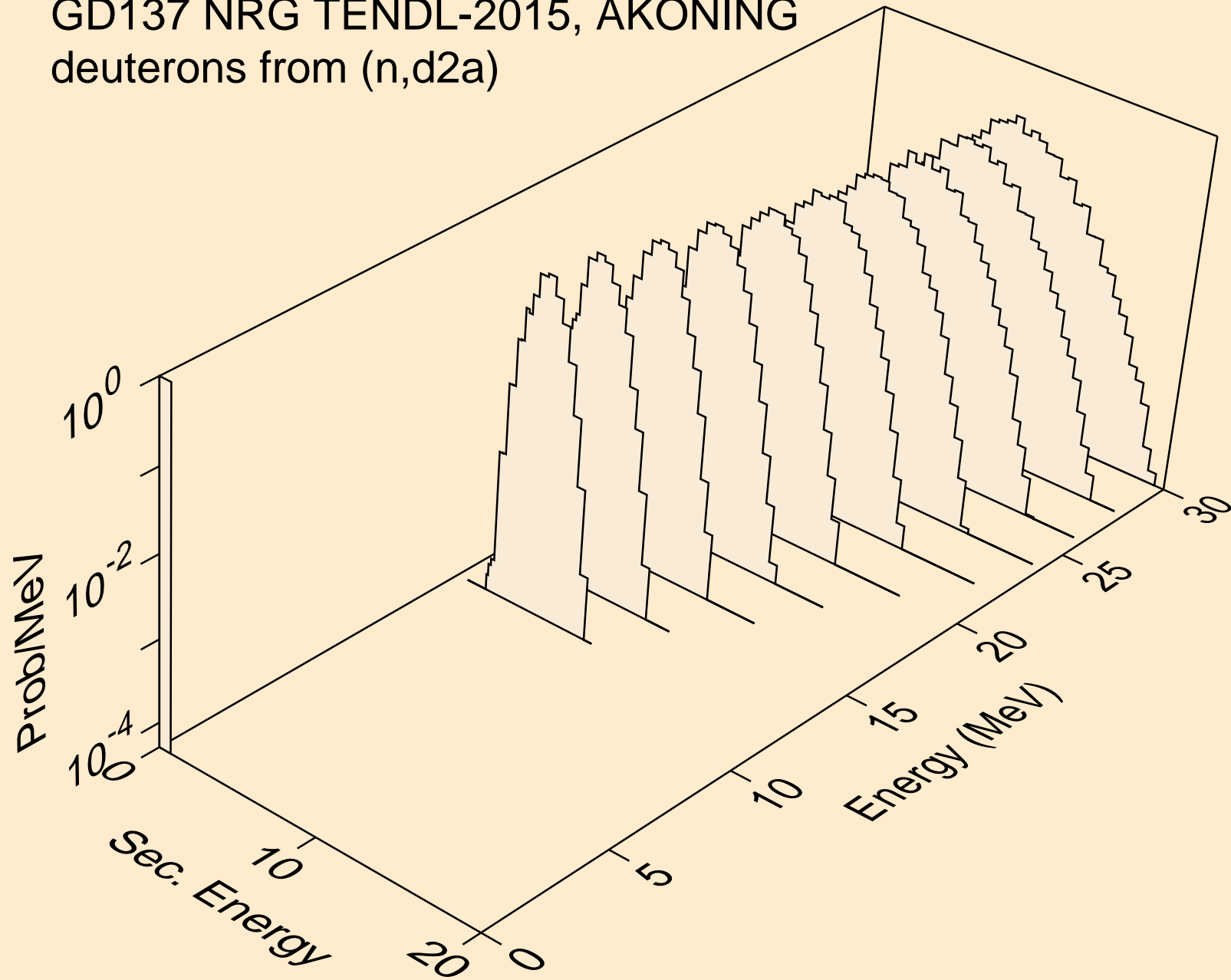




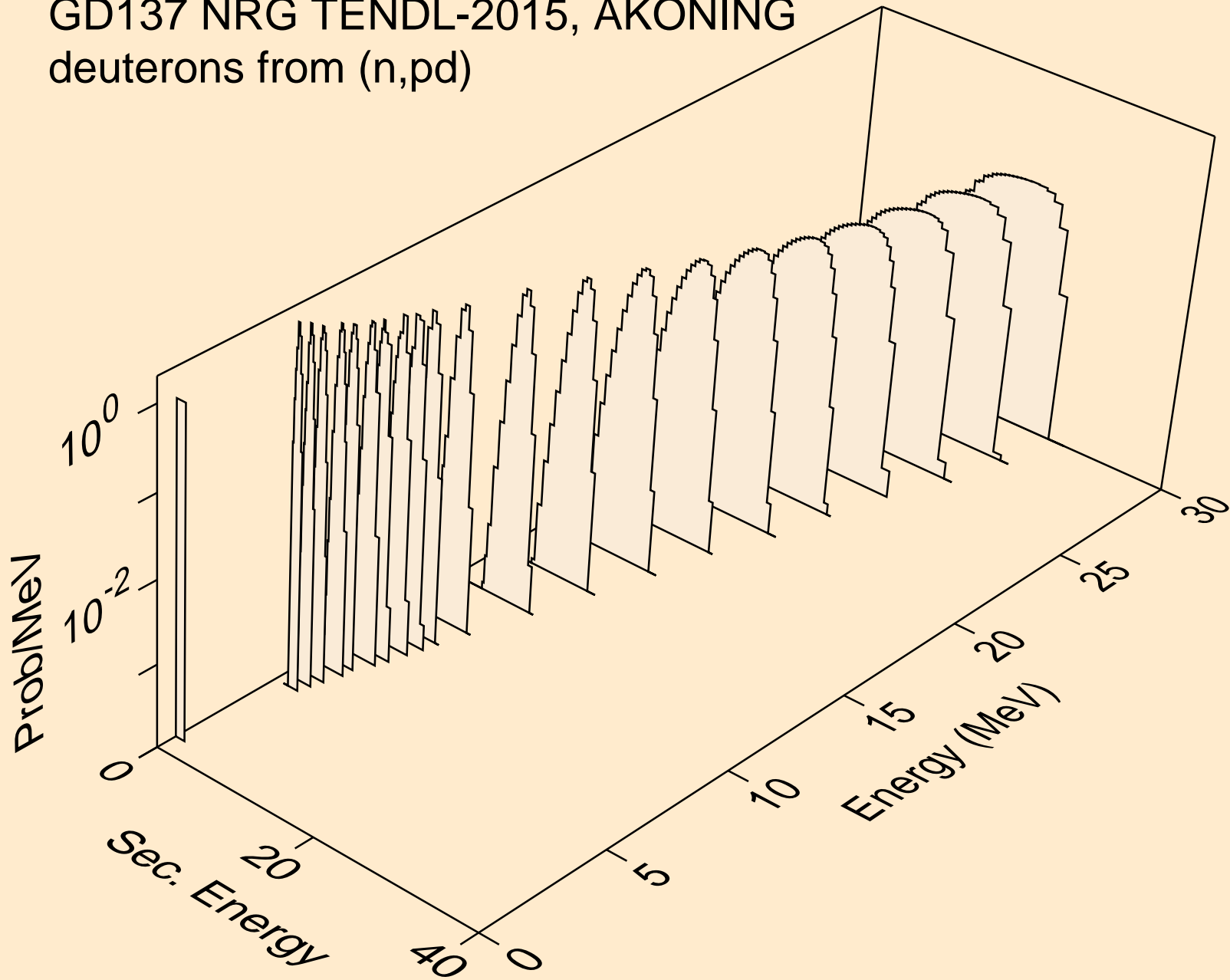
GD137 NRG TENDL-2015, AKONING  
deuterons from (n,d)



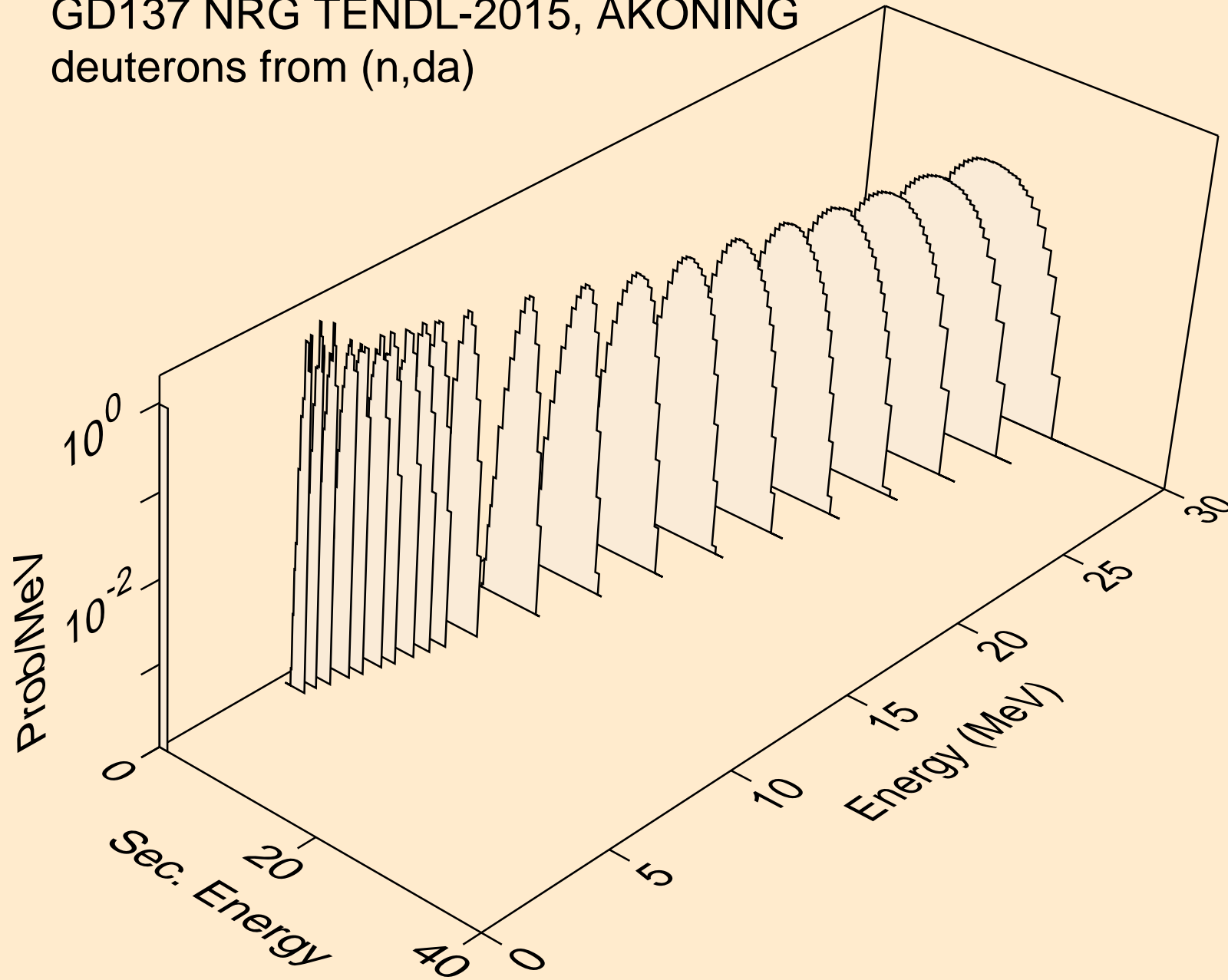
GD137 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



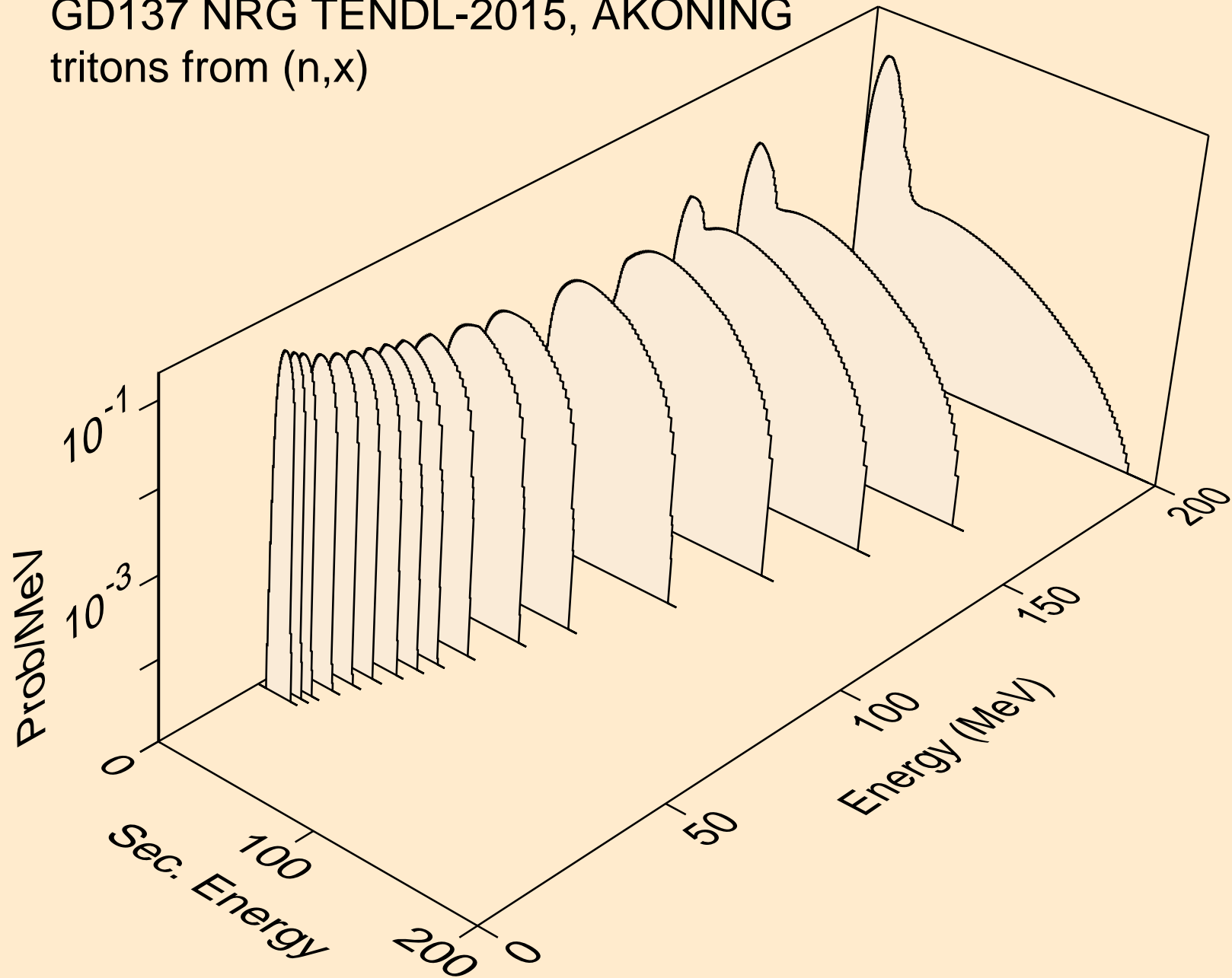
GD137 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



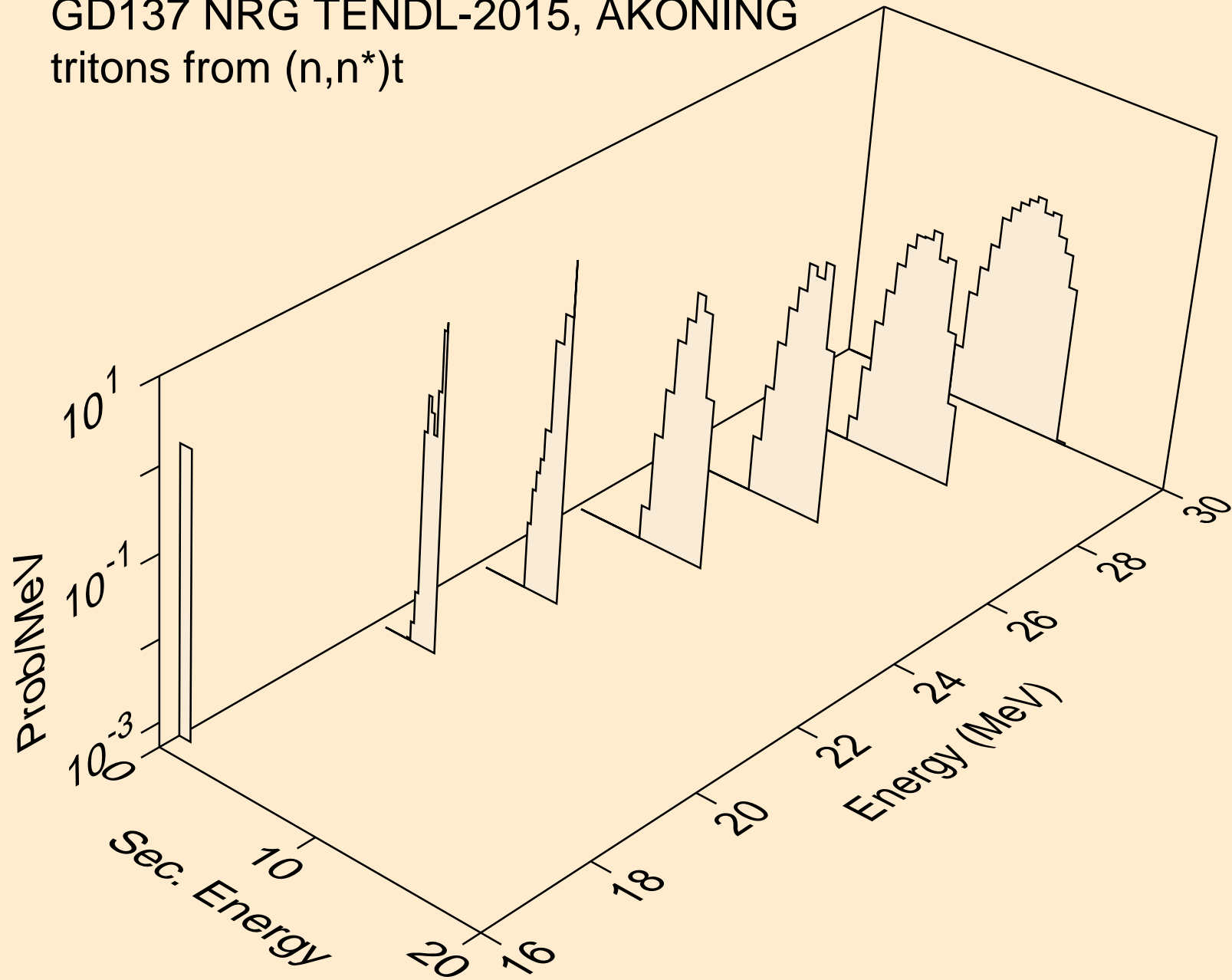
GD137 NRG TENDL-2015, AKONING  
deuterons from (n,da)



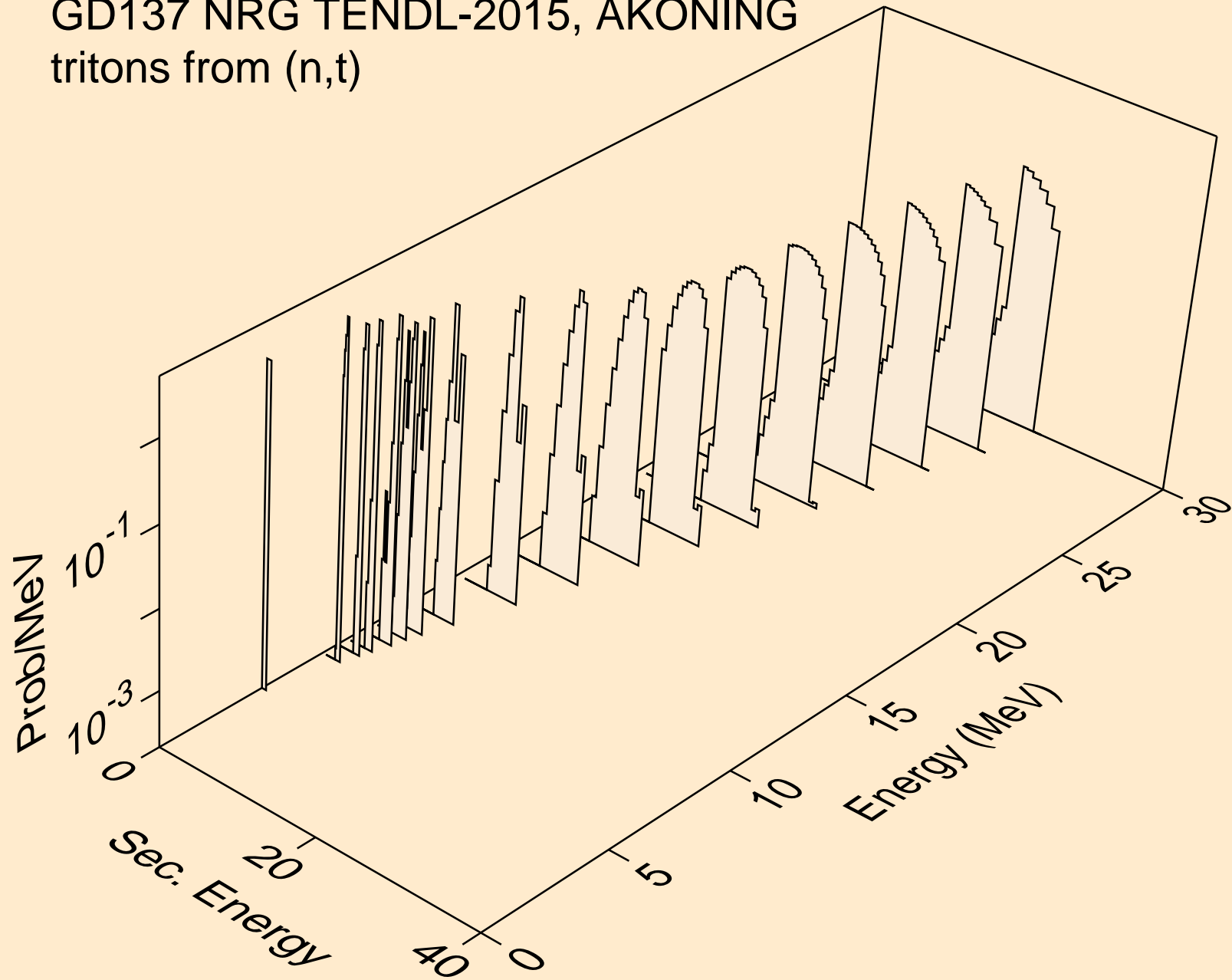
GD137 NRG TENDL-2015, AKONING  
tritons from (n,x)



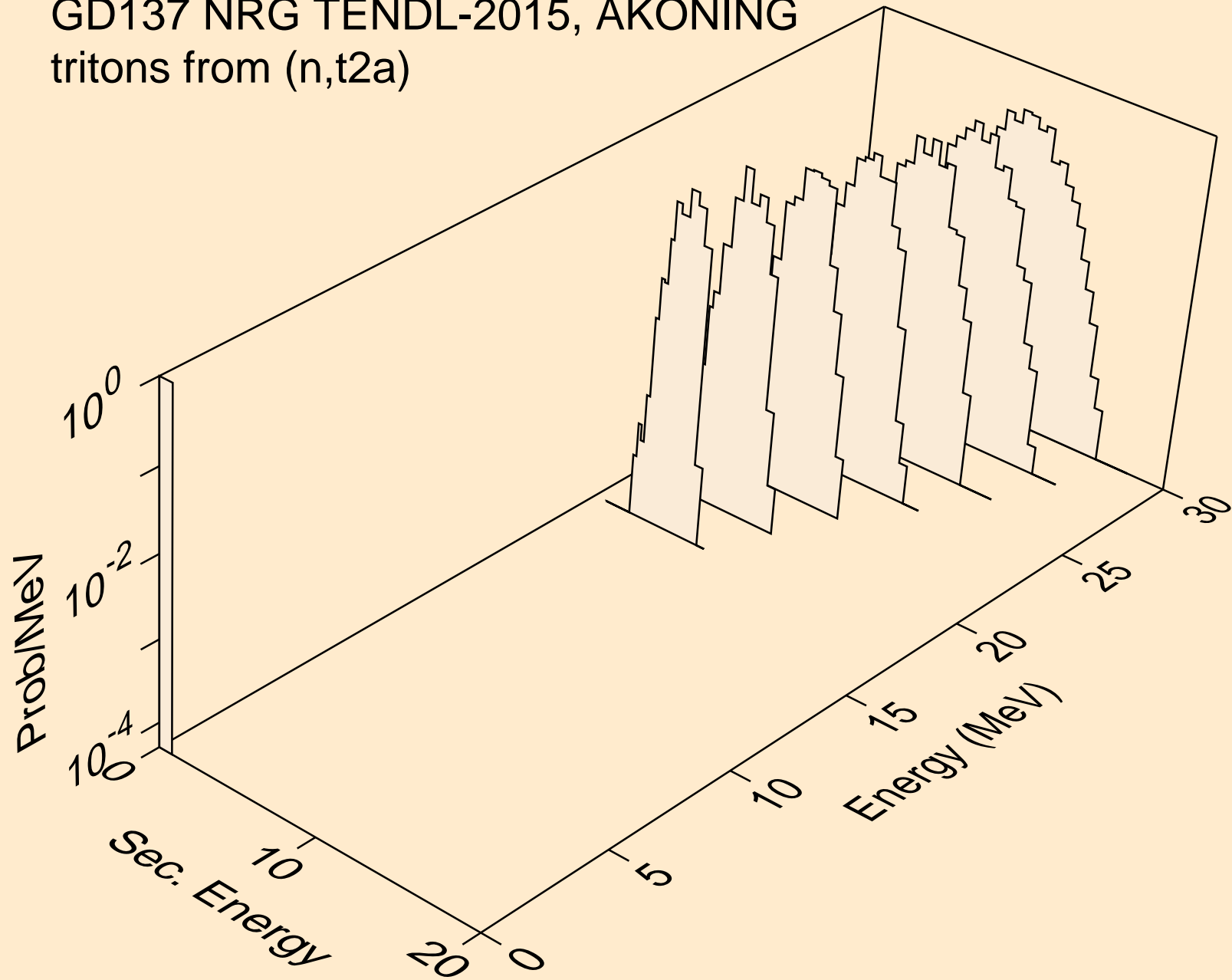
GD137 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



GD137 NRG TENDL-2015, AKONING  
tritons from (n,t)

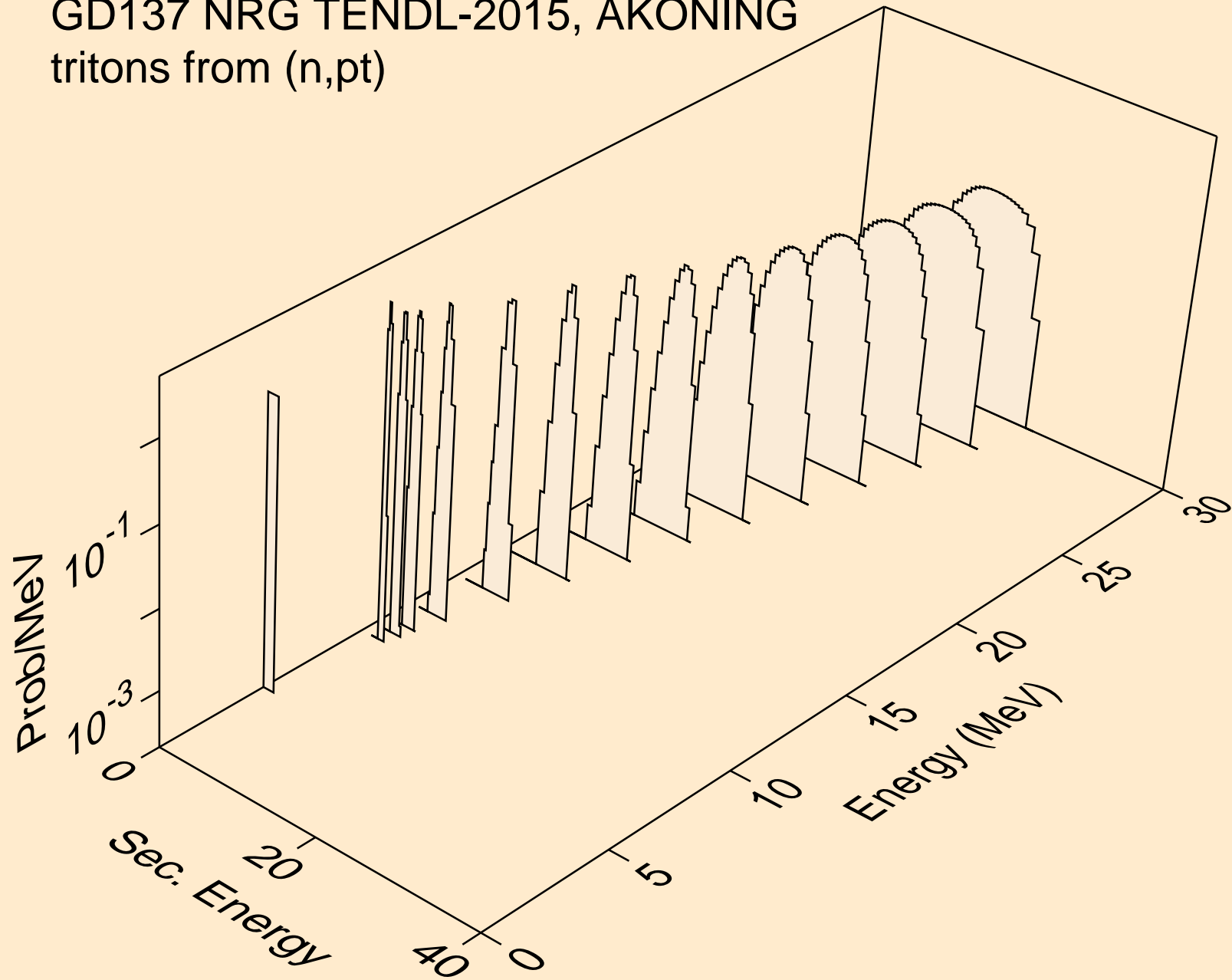


GD137 NRG TENDL-2015, AKONING  
tritons from (n,t2a)

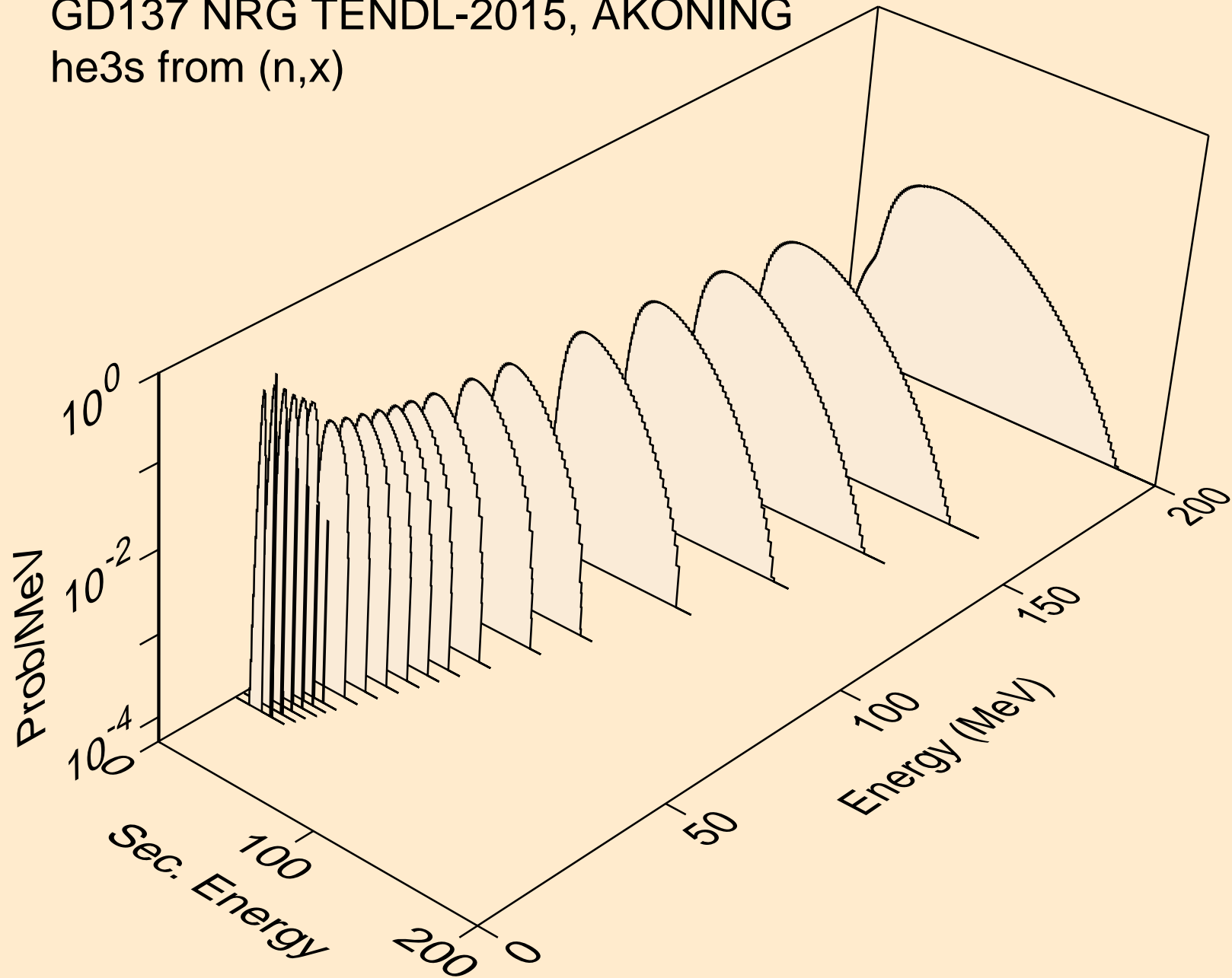




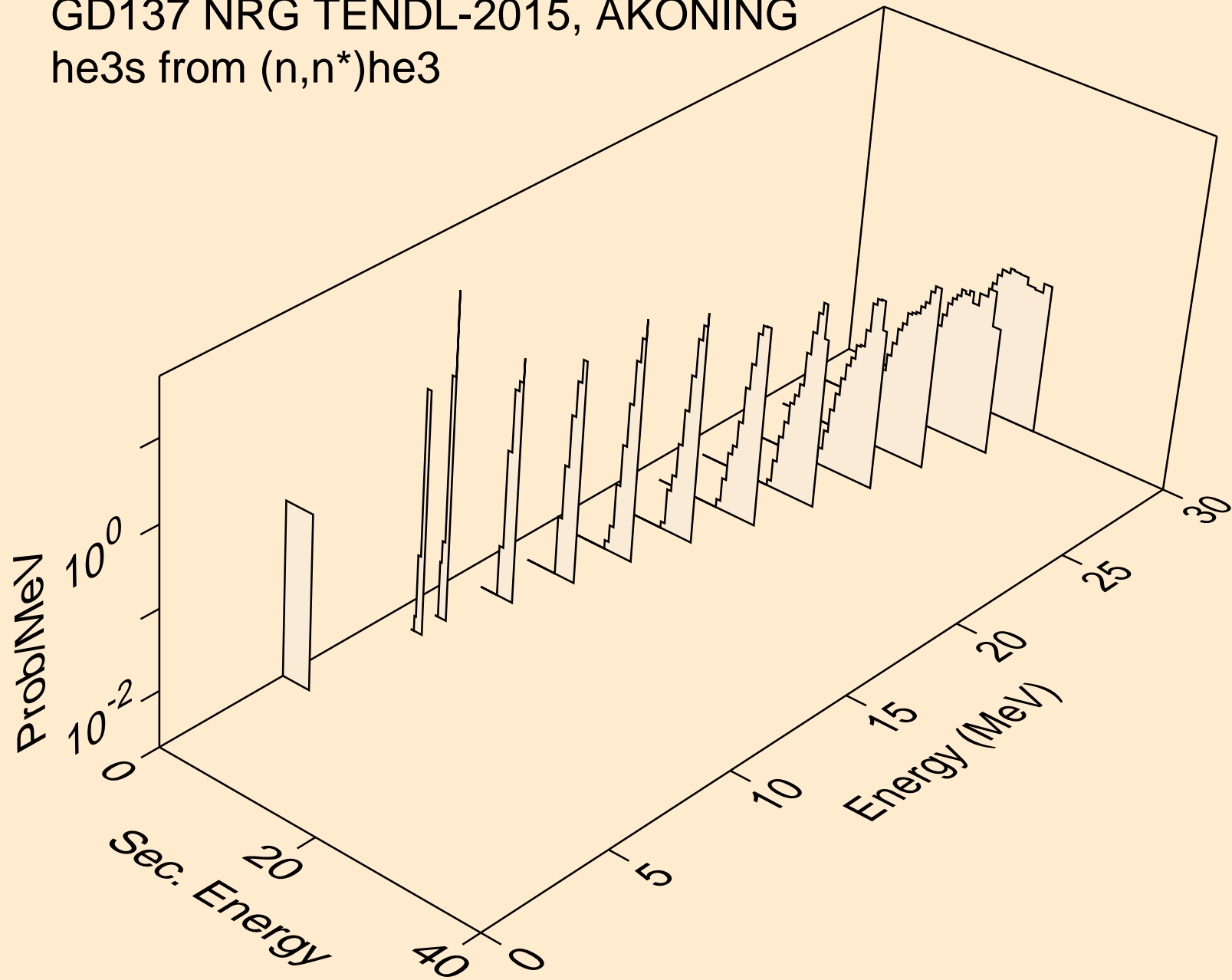
GD137 NRG TENDL-2015, AKONING  
tritons from (n,pt)



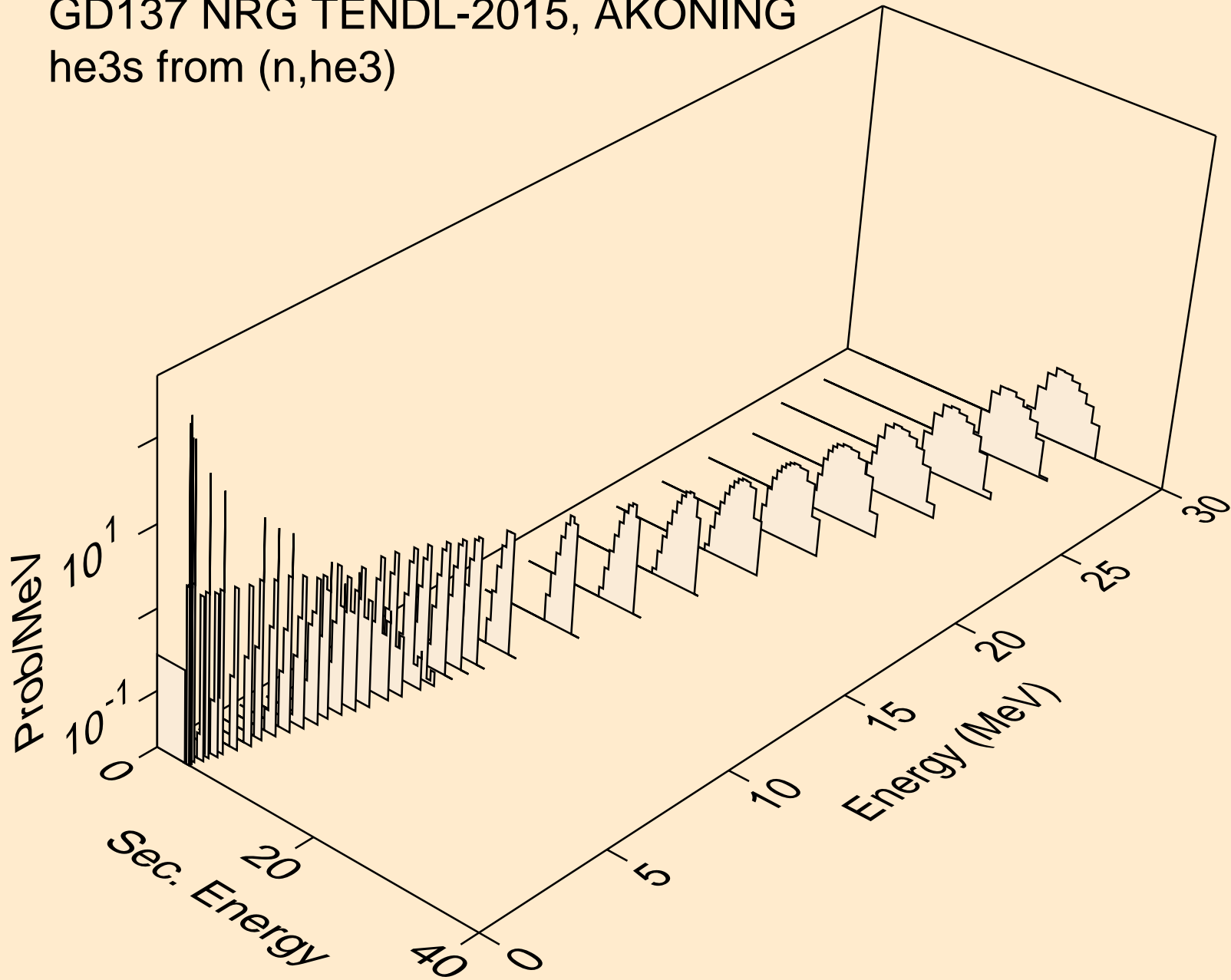
GD137 NRG TENDL-2015, AKONING  
he3s from (n,x)



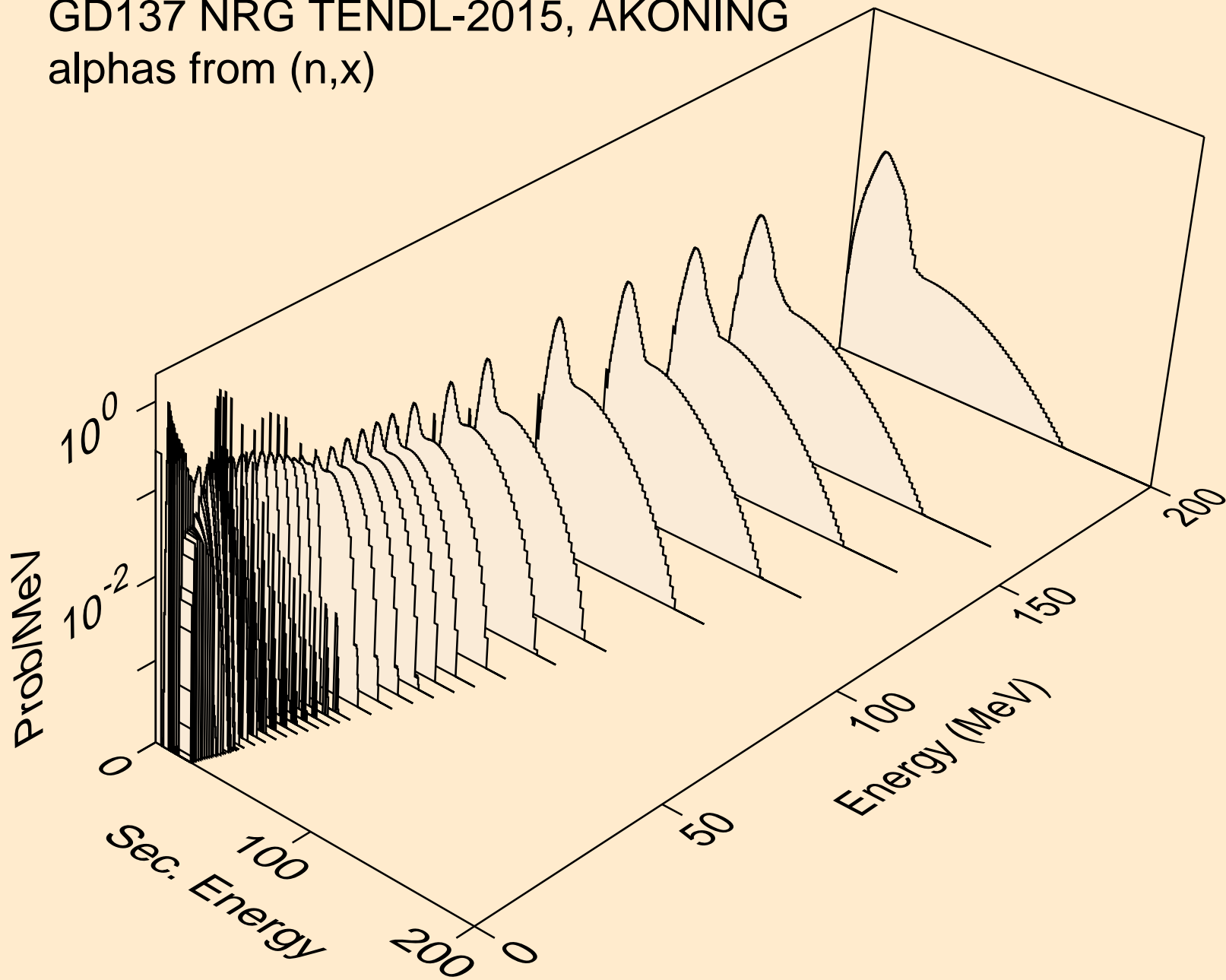
GD137 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



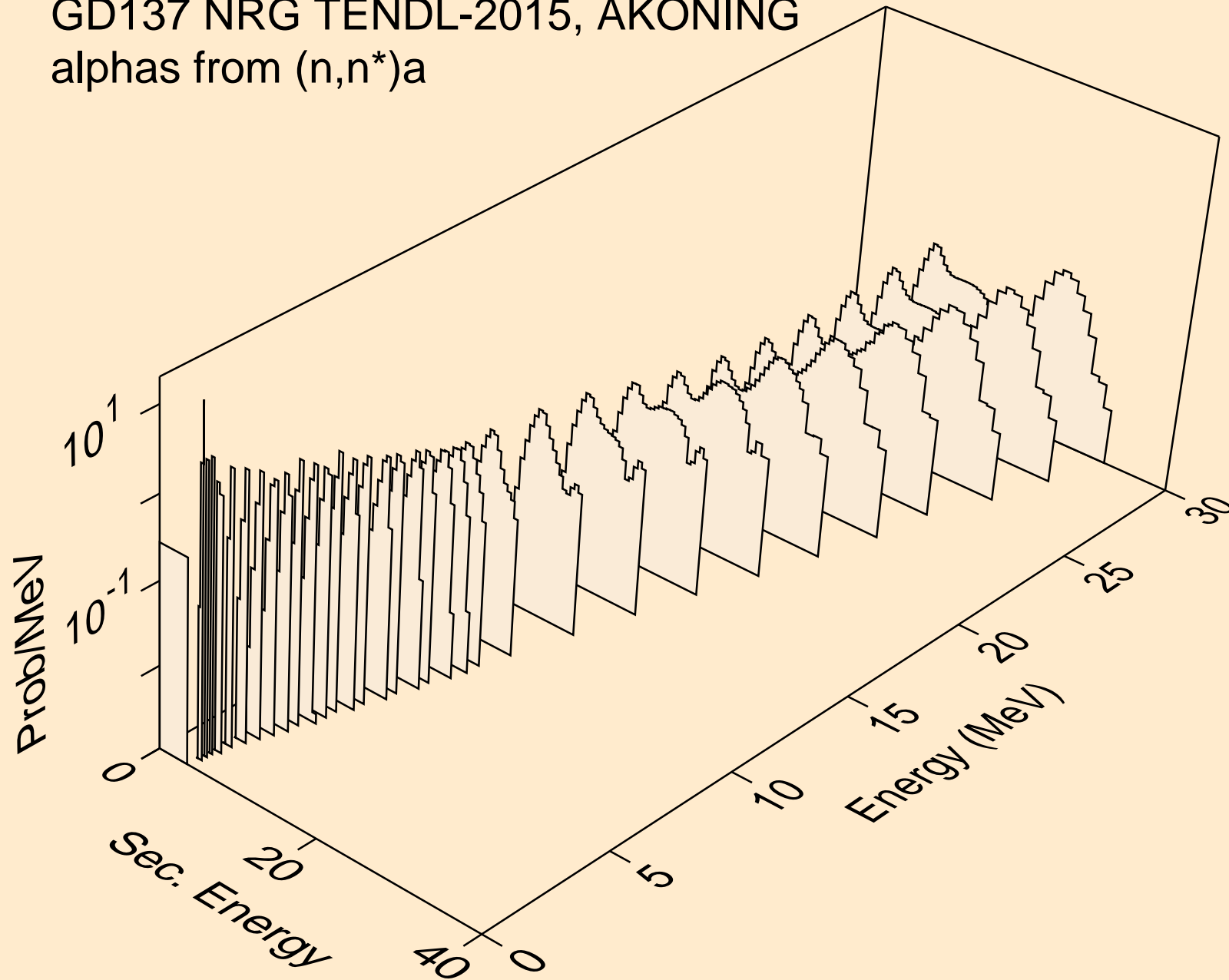
GD137 NRG TENDL-2015, AKONING  
he3s from (n,he3)



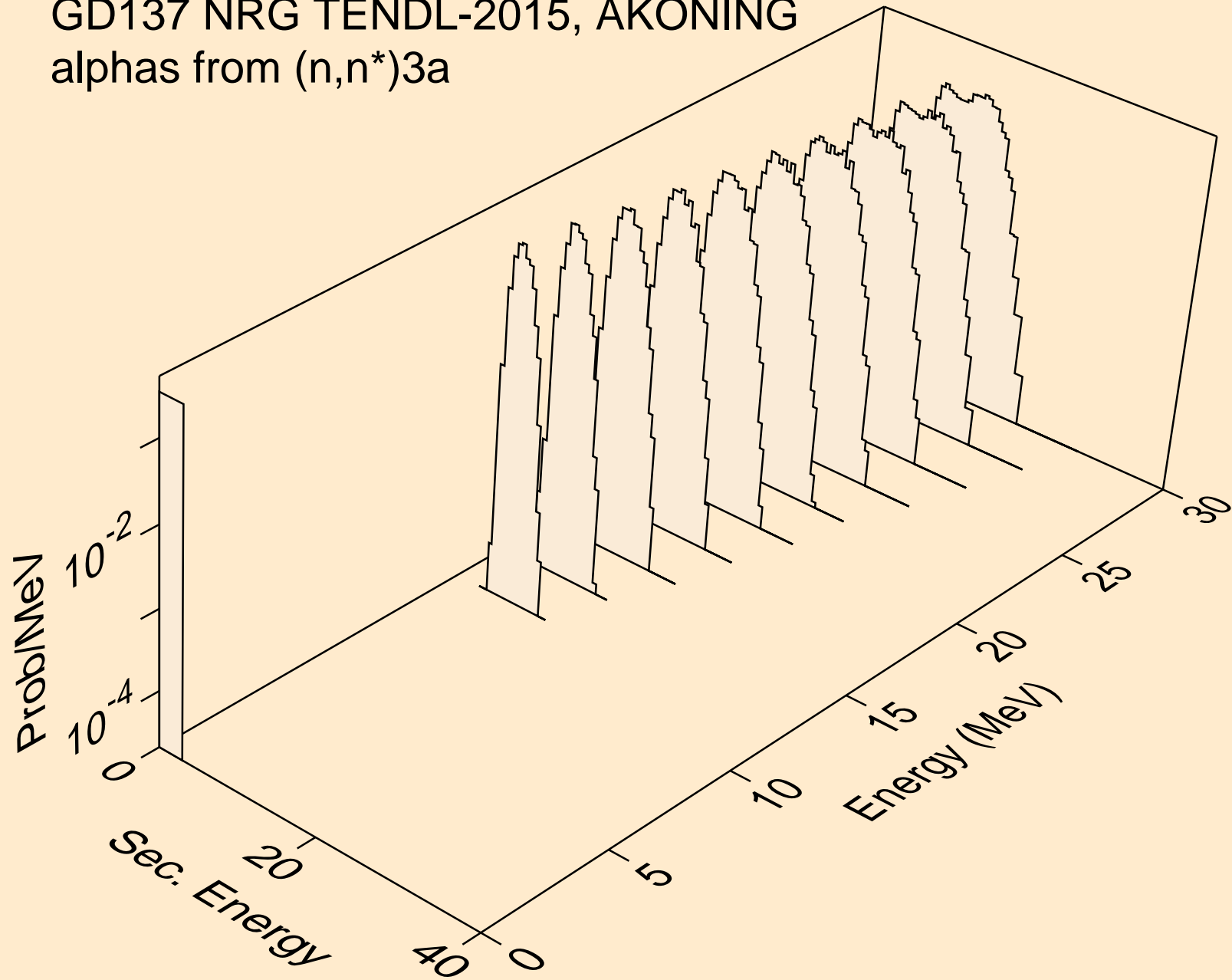
GD137 NRG TENDL-2015, AKONING  
alphas from (n,x)



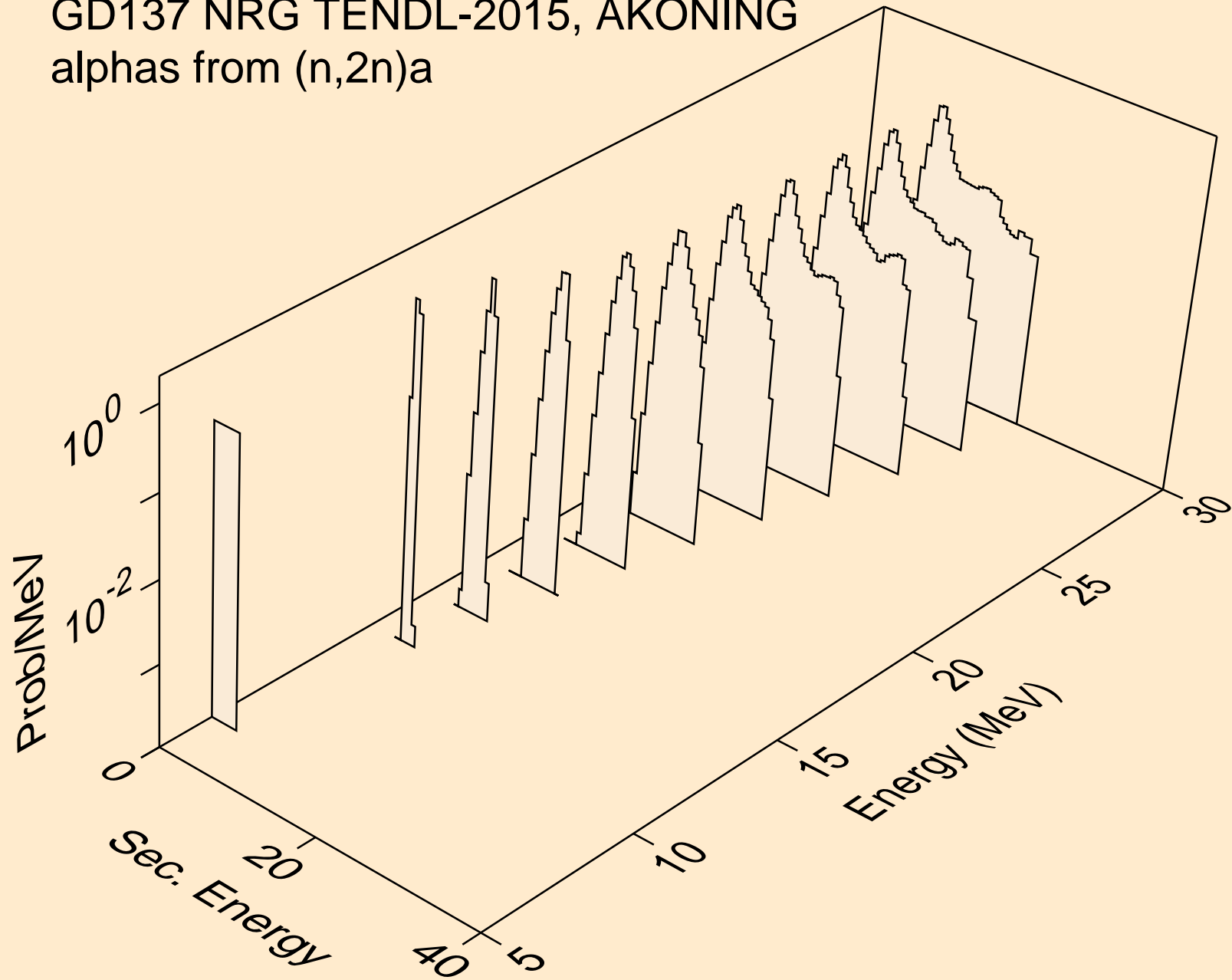
GD137 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



GD137 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

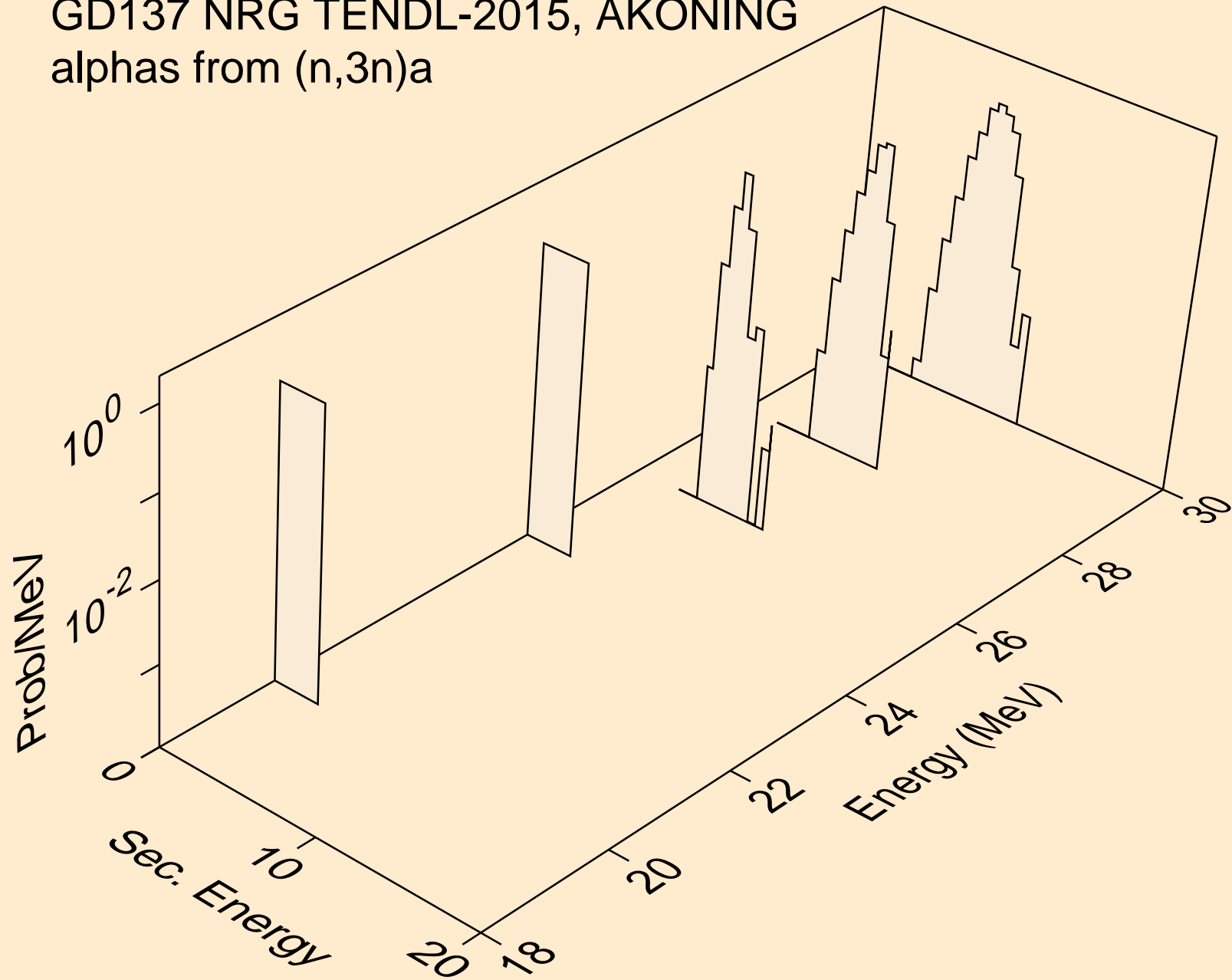


GD137 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

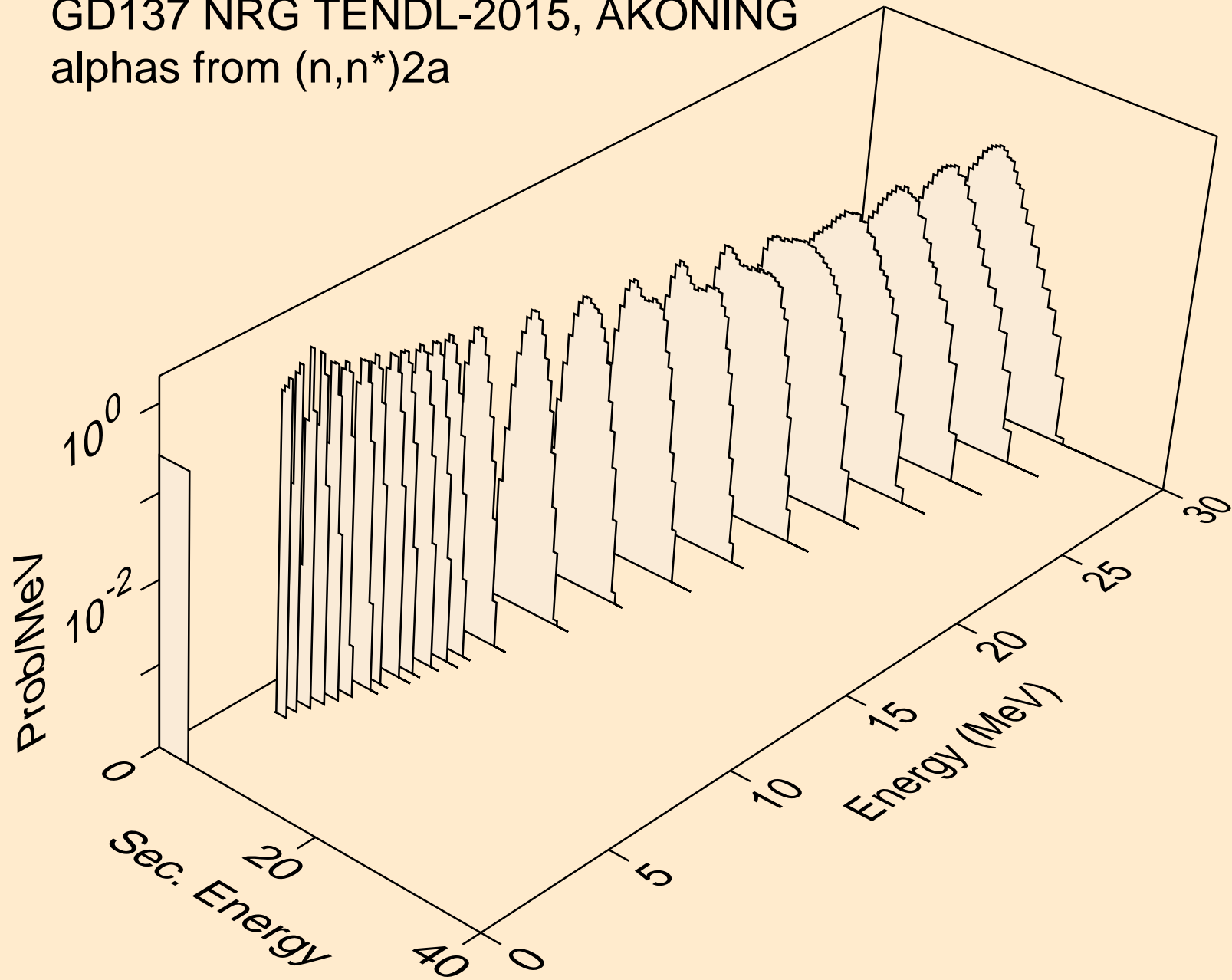




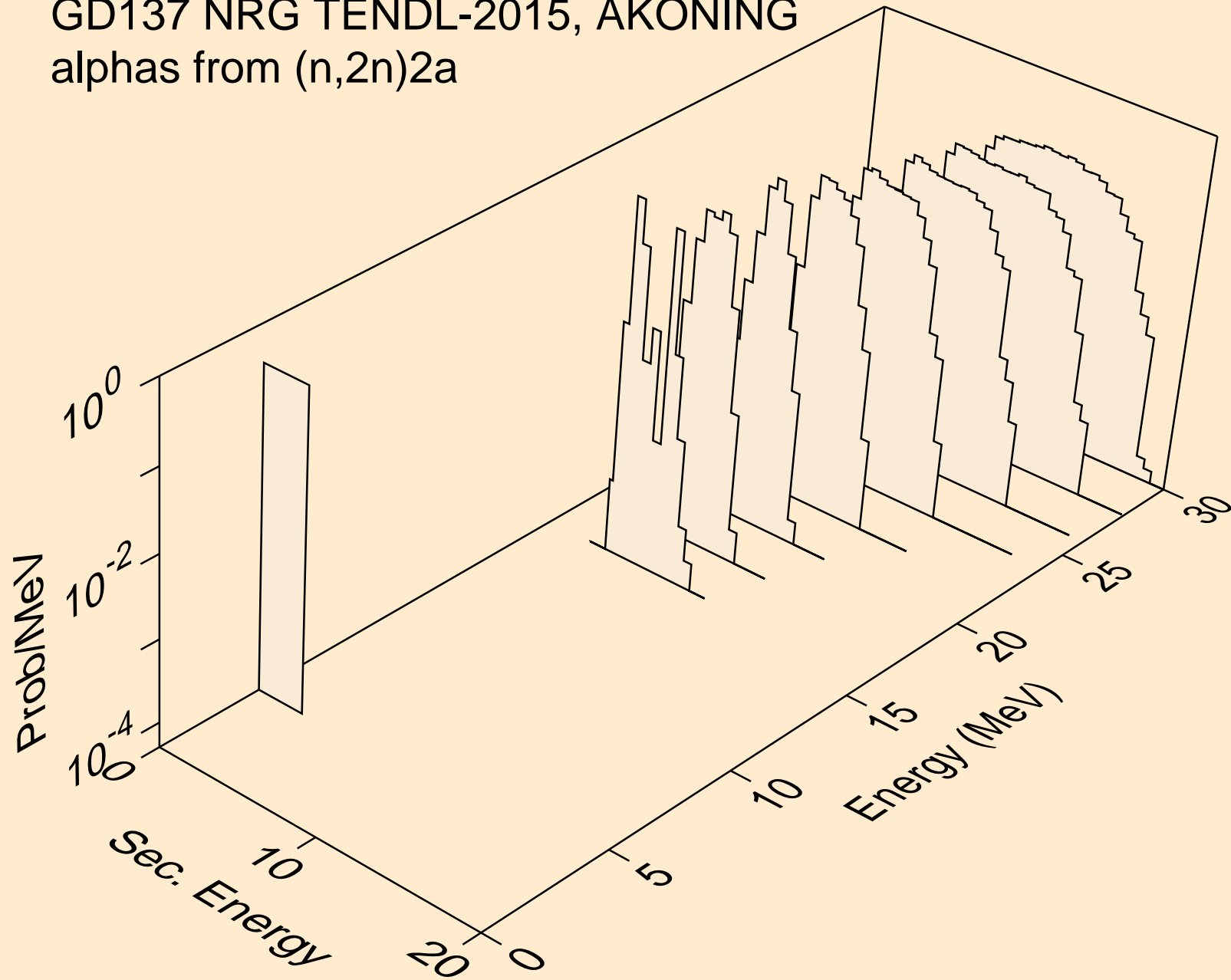
GD137 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



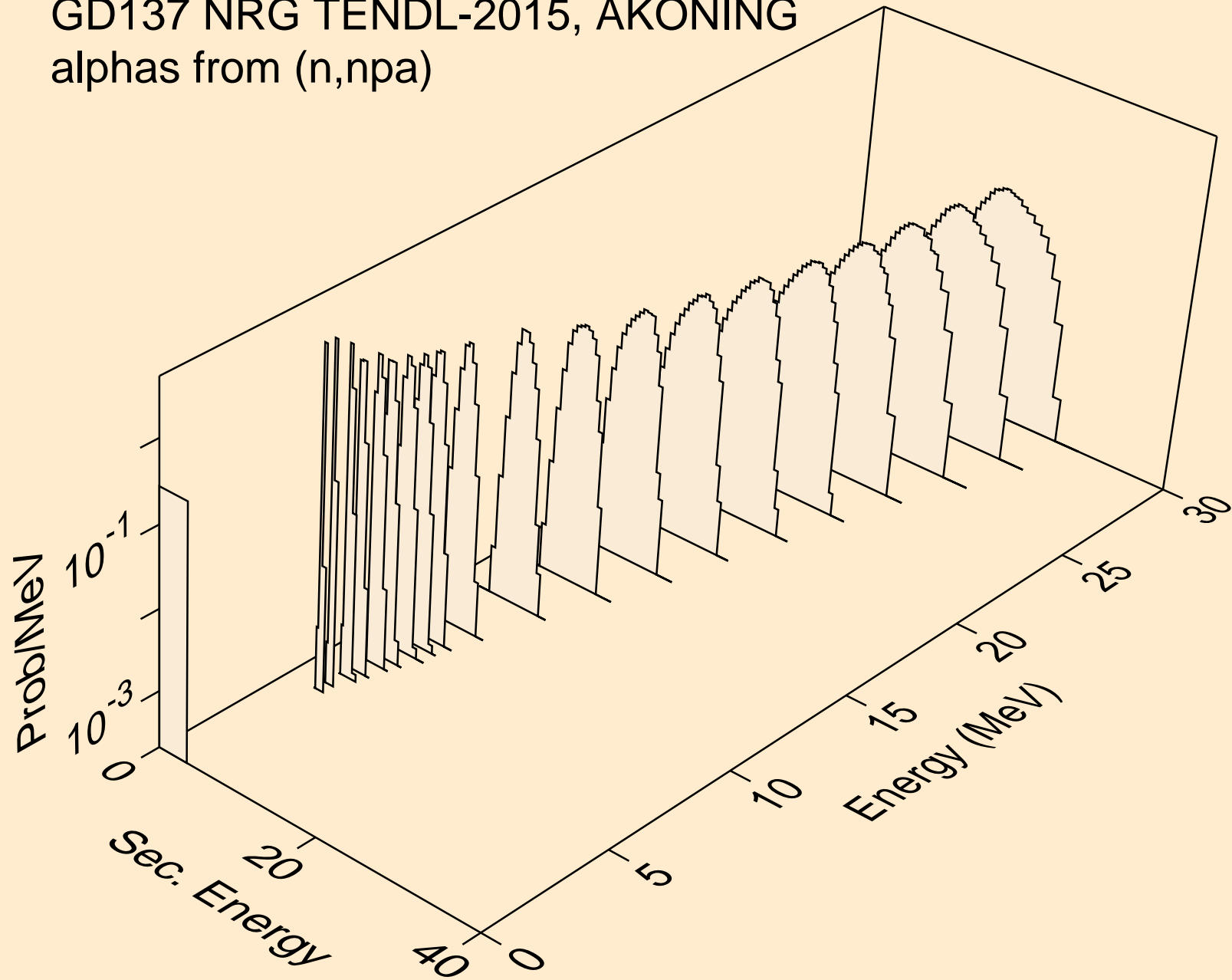
GD137 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



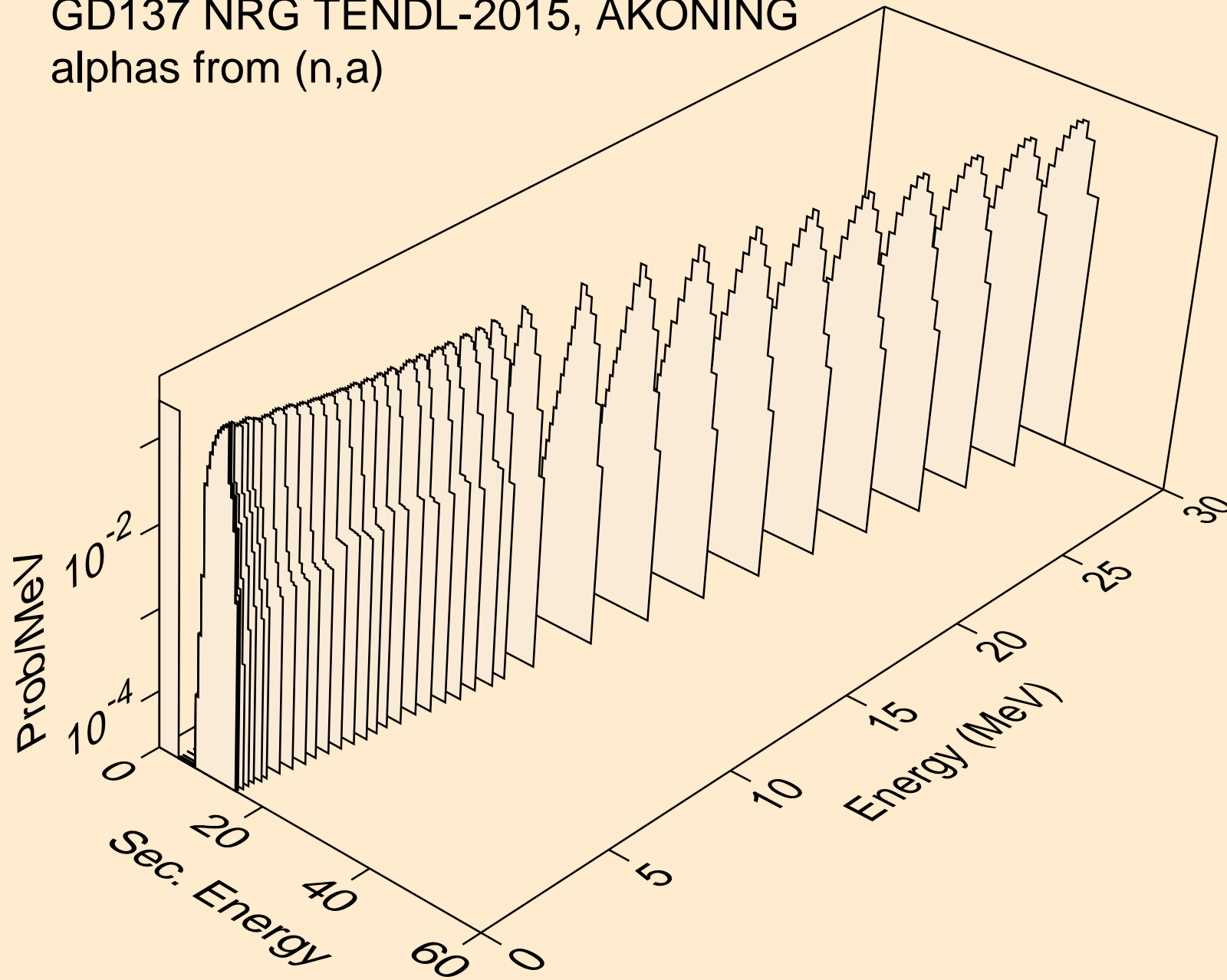
GD137 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



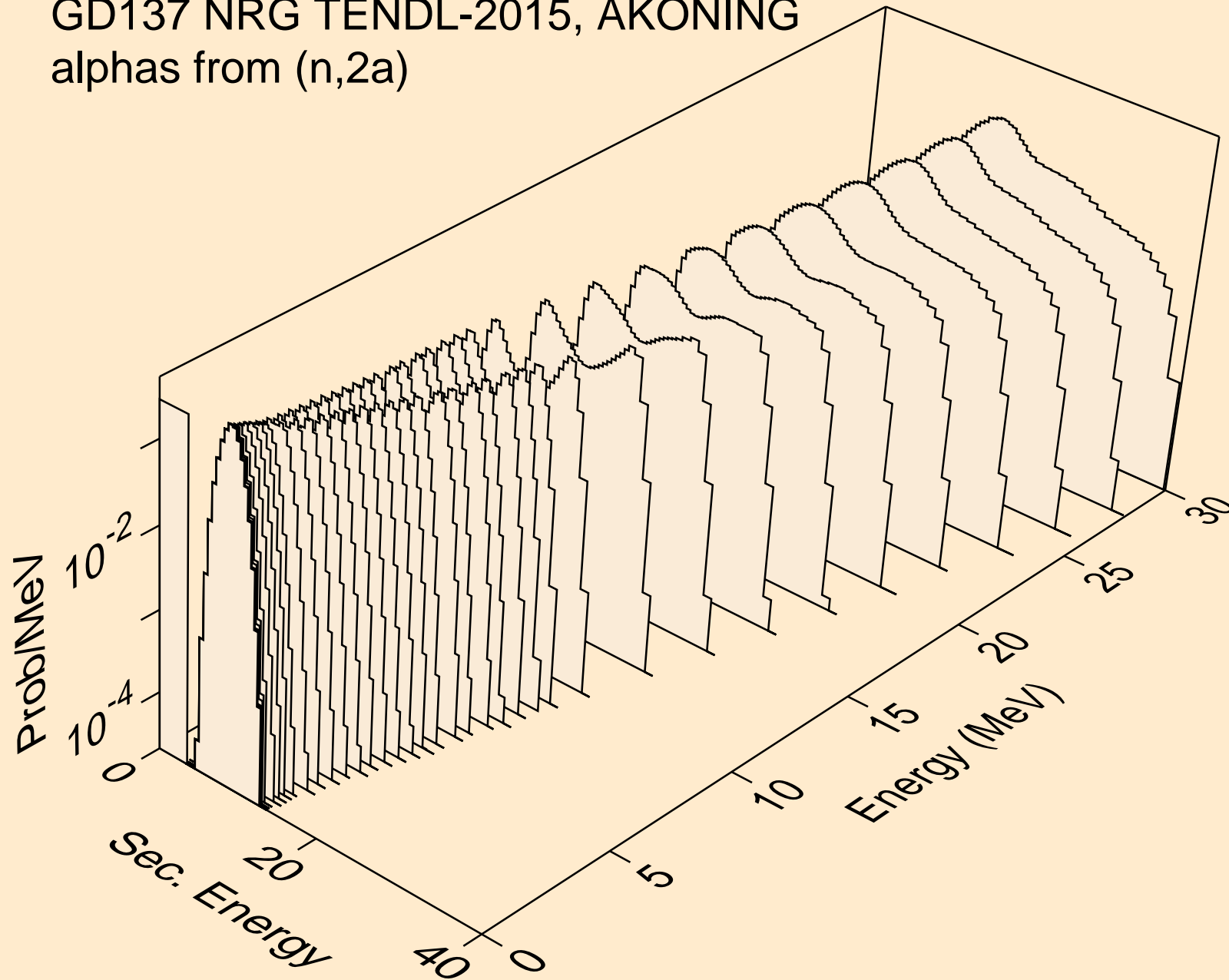
GD137 NRG TENDL-2015, AKONING  
alphas from (n,npa)



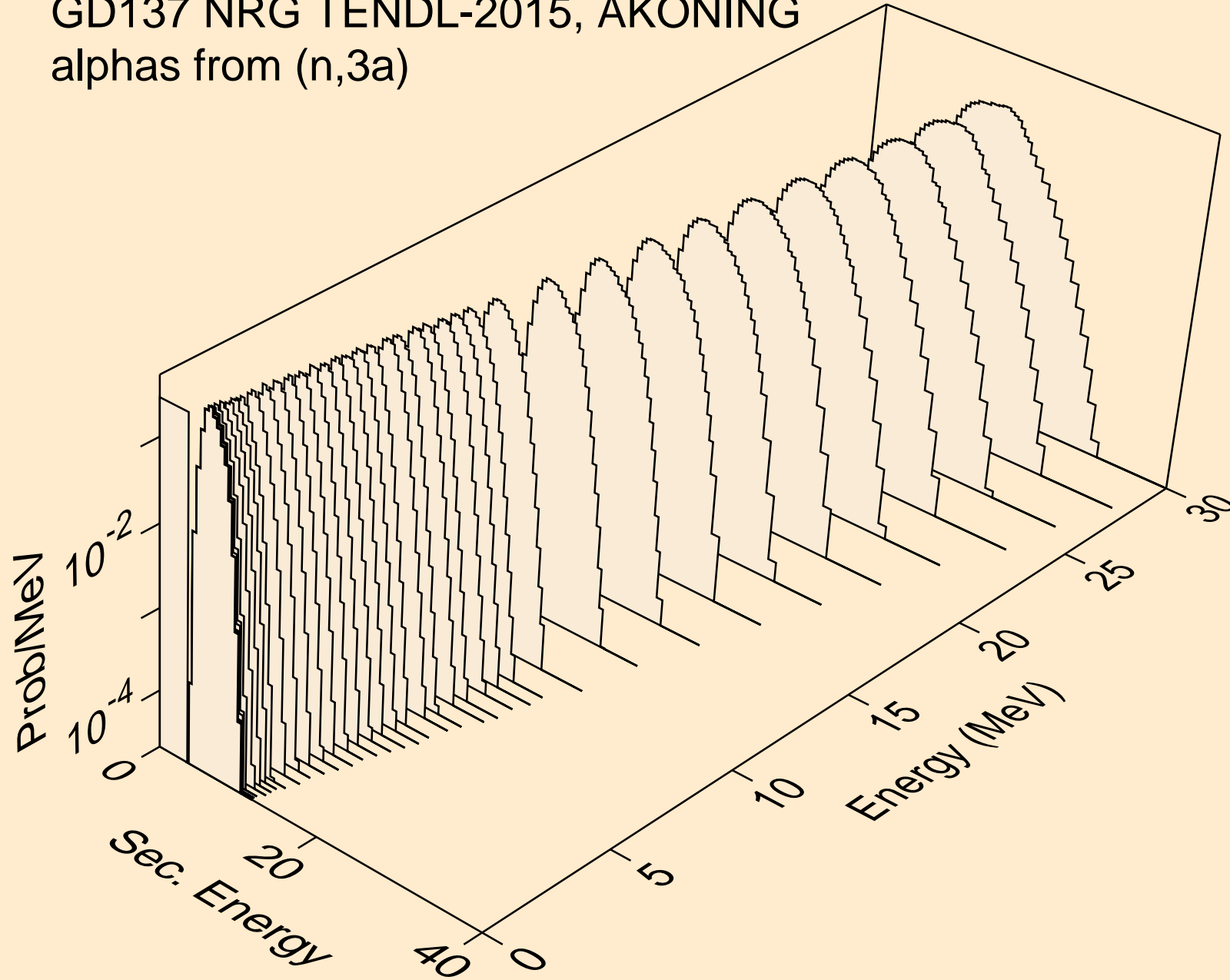
GD137 NRG TENDL-2015, AKONING  
alphas from (n,a)



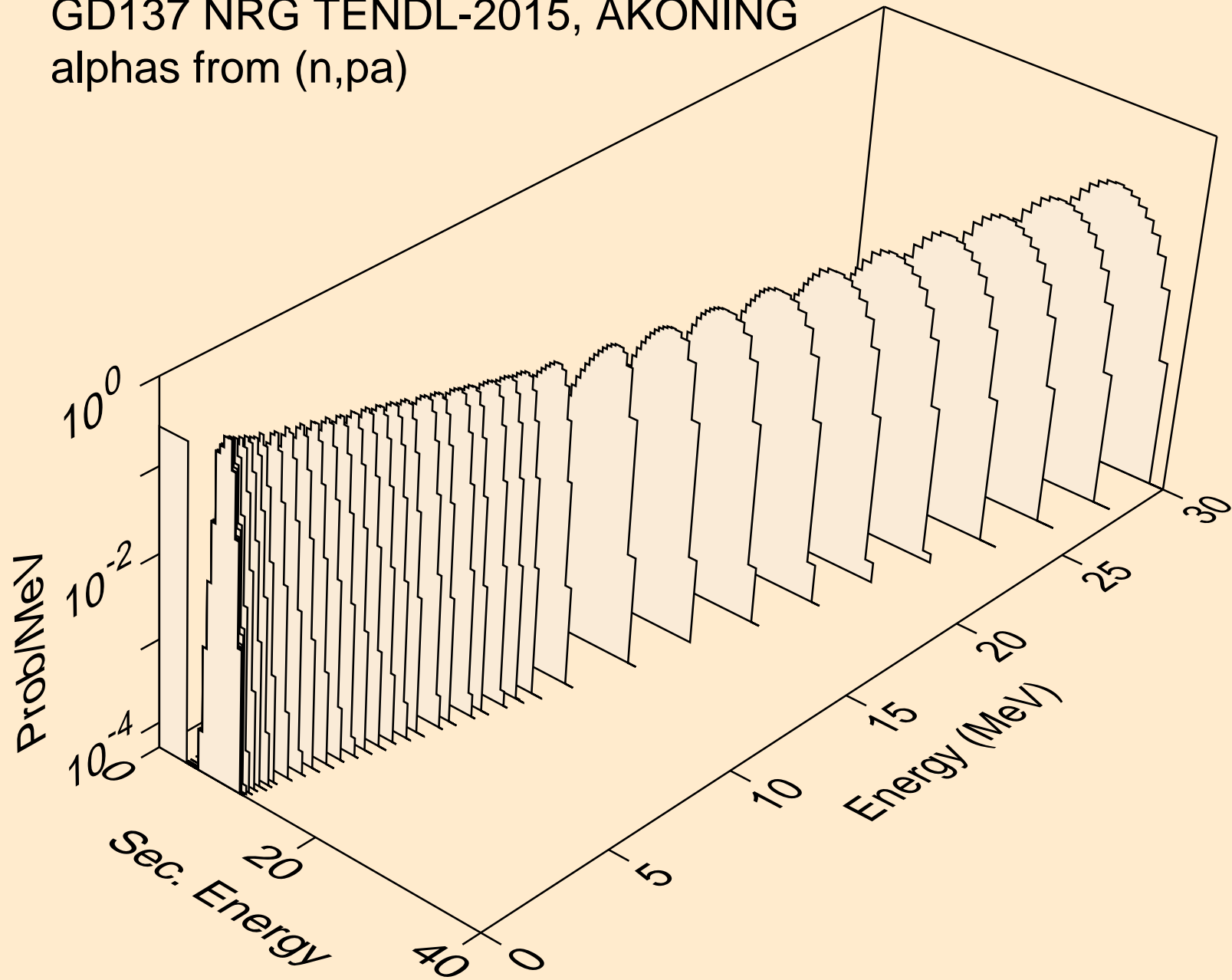
GD137 NRG TENDL-2015, AKONING  
alphas from (n,2a)



GD137 NRG TENDL-2015, AKONING  
alphas from (n,3a)

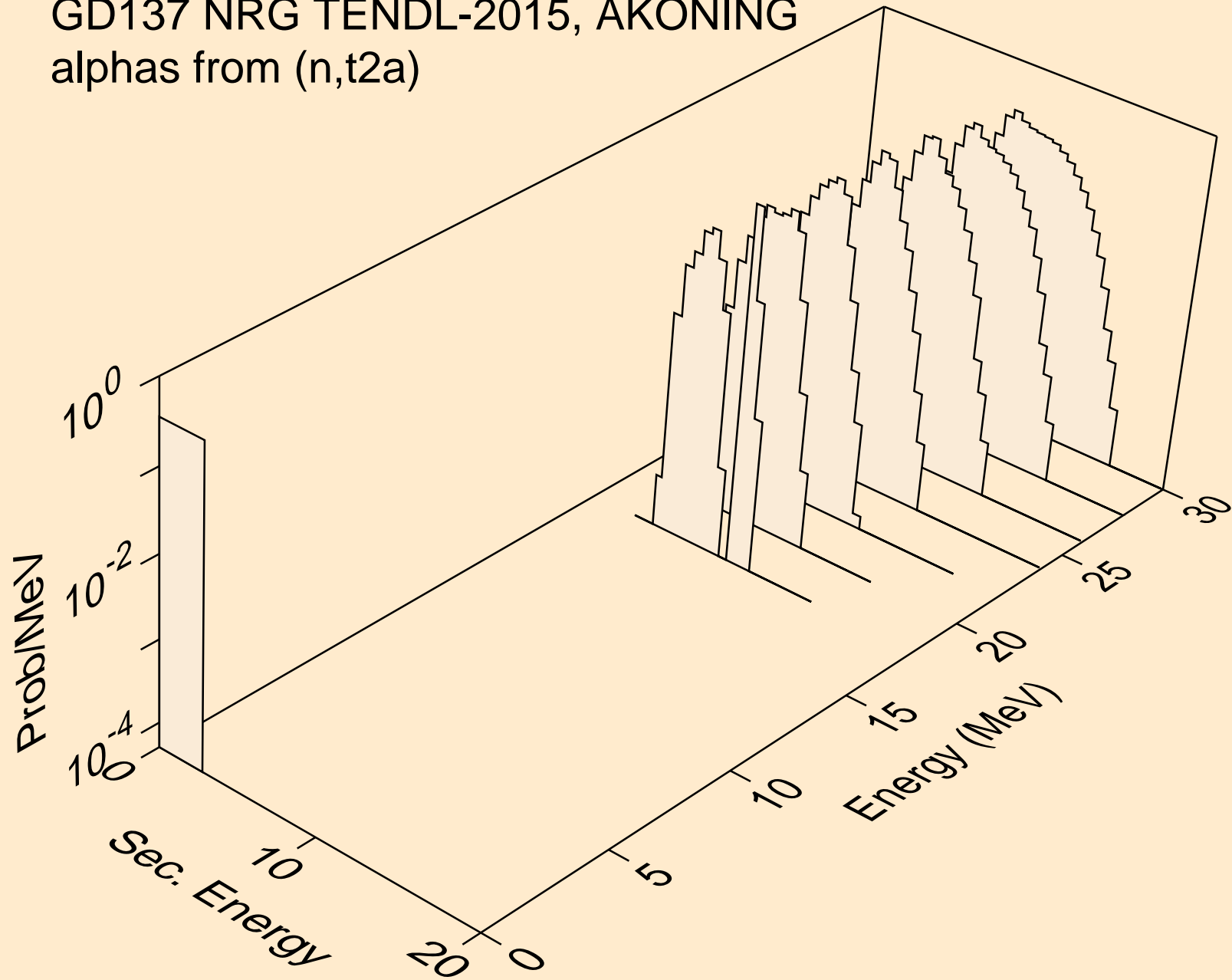


GD137 NRG TENDL-2015, AKONING  
alphas from (n,pa)

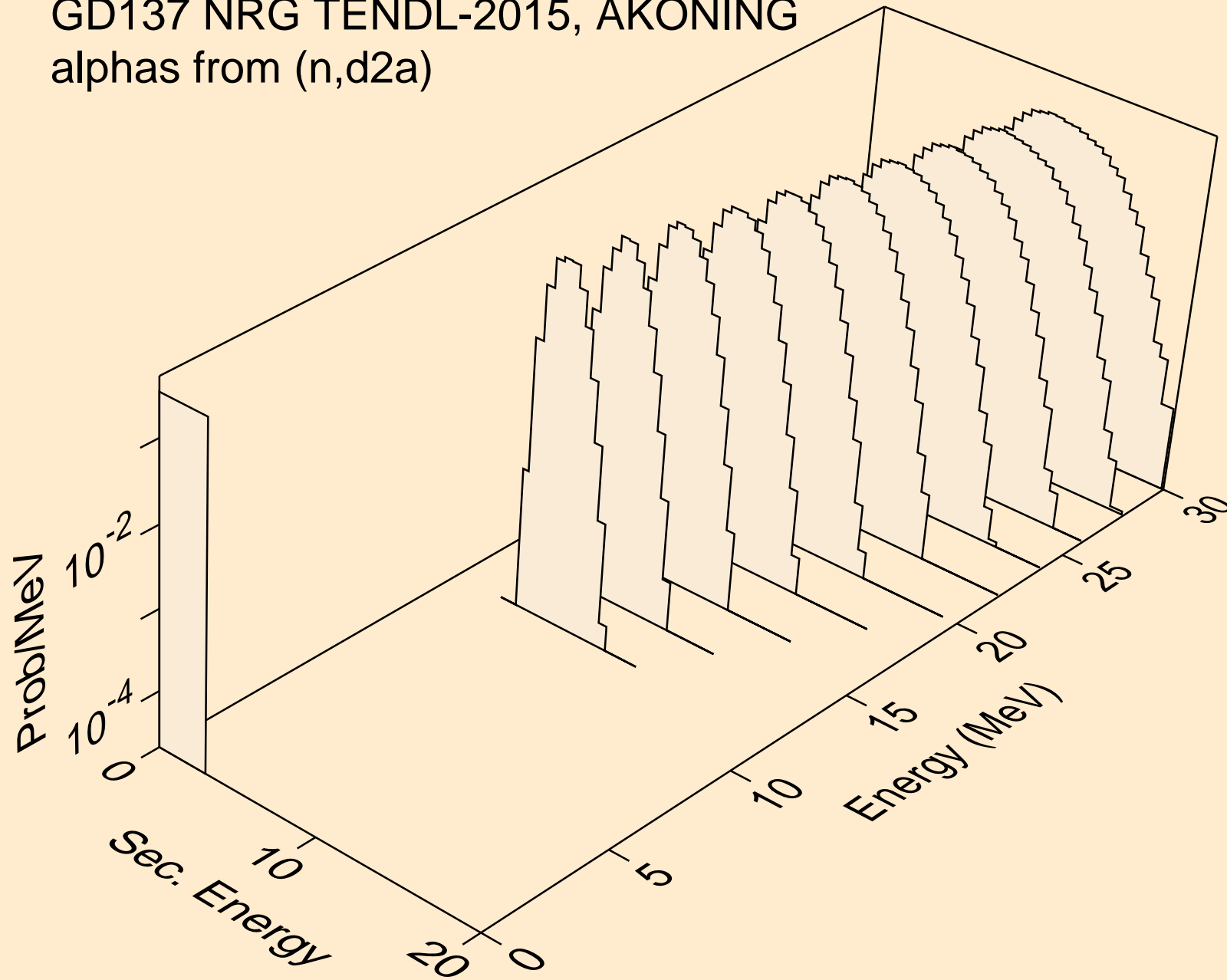




GD137 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



GD137 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



GD137 NRG TENDL-2015, AKONING  
alphas from (n,da)

