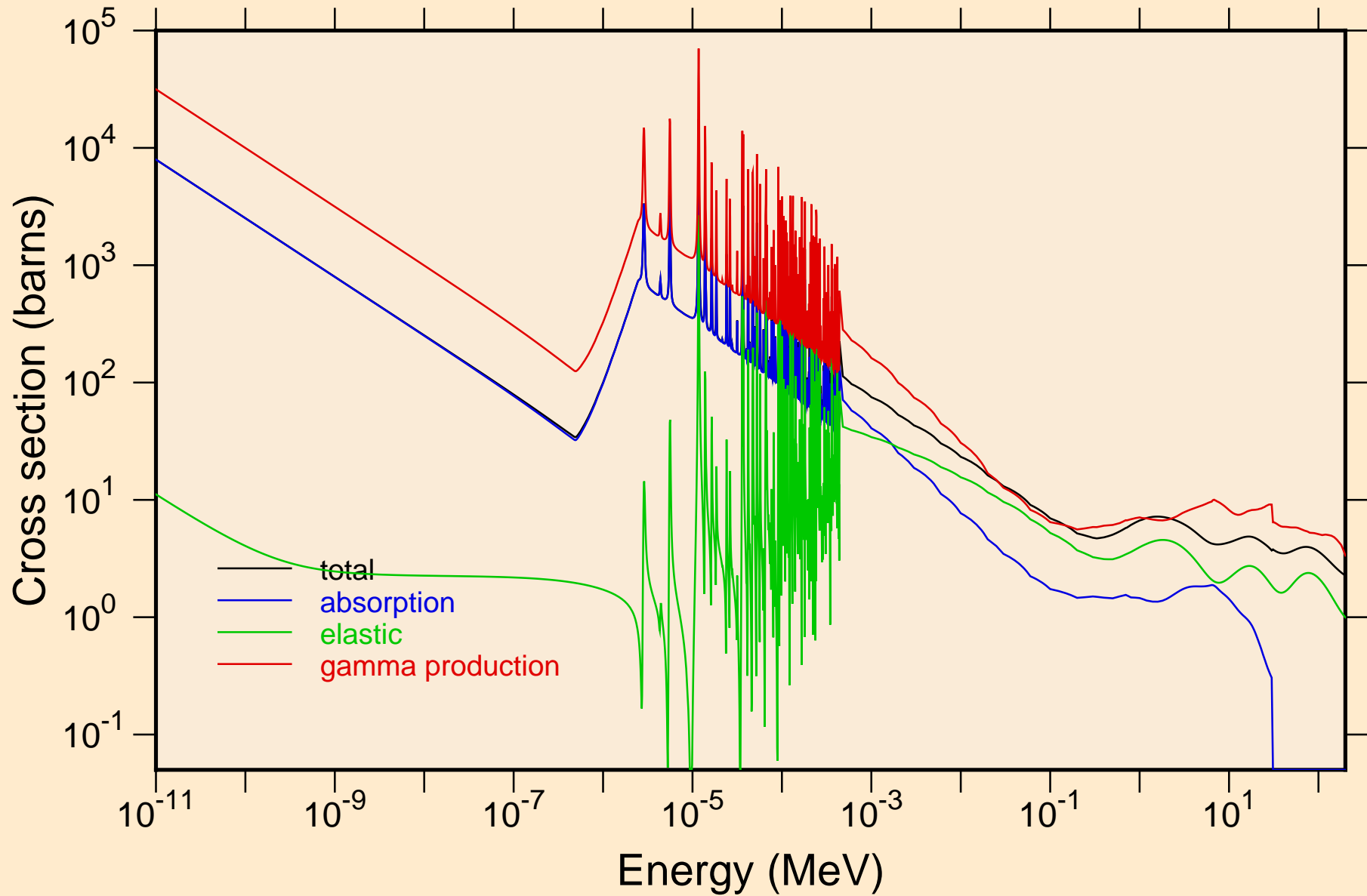
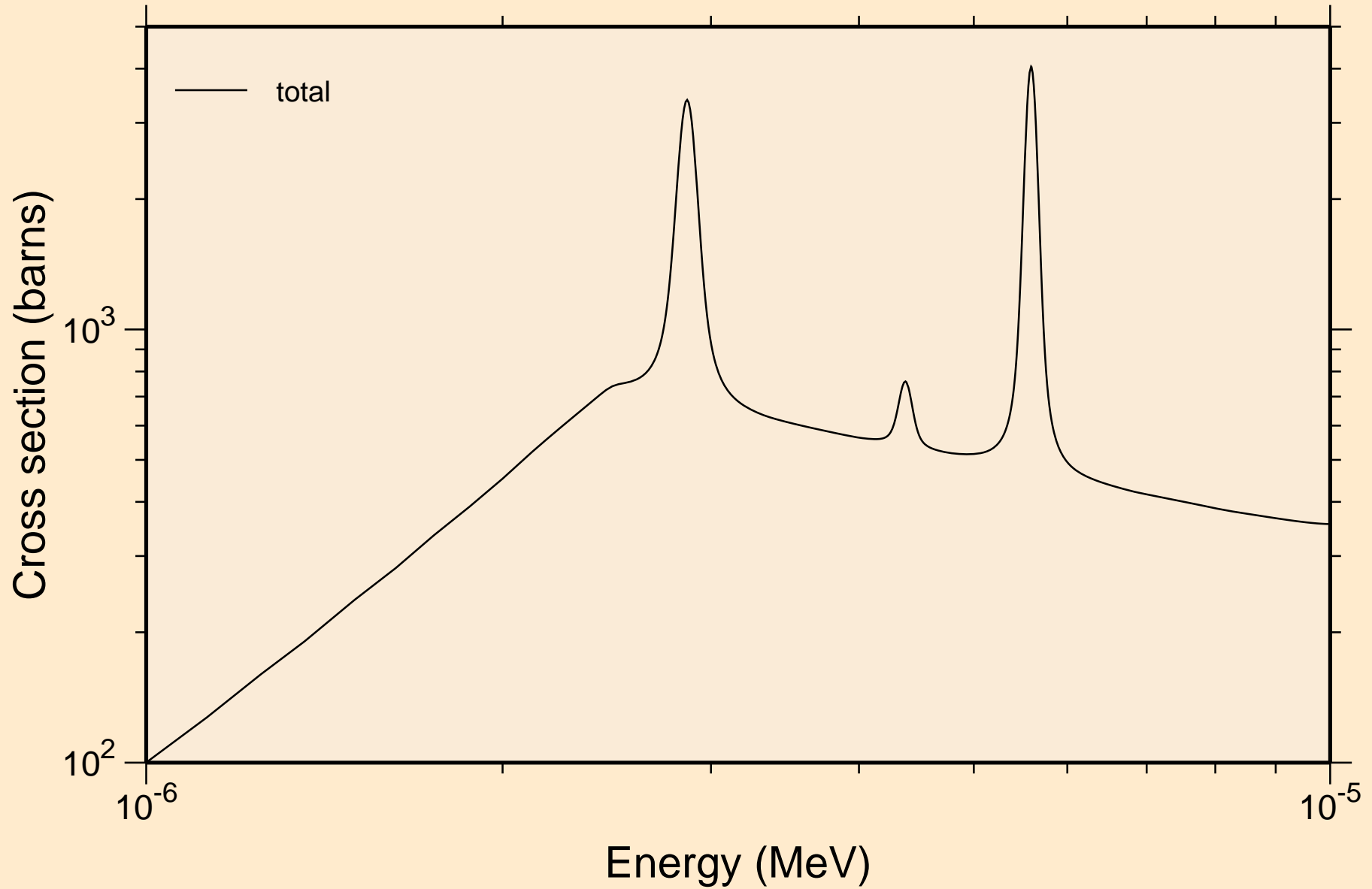


# GD140 NRG TENDL-2015, AKONING

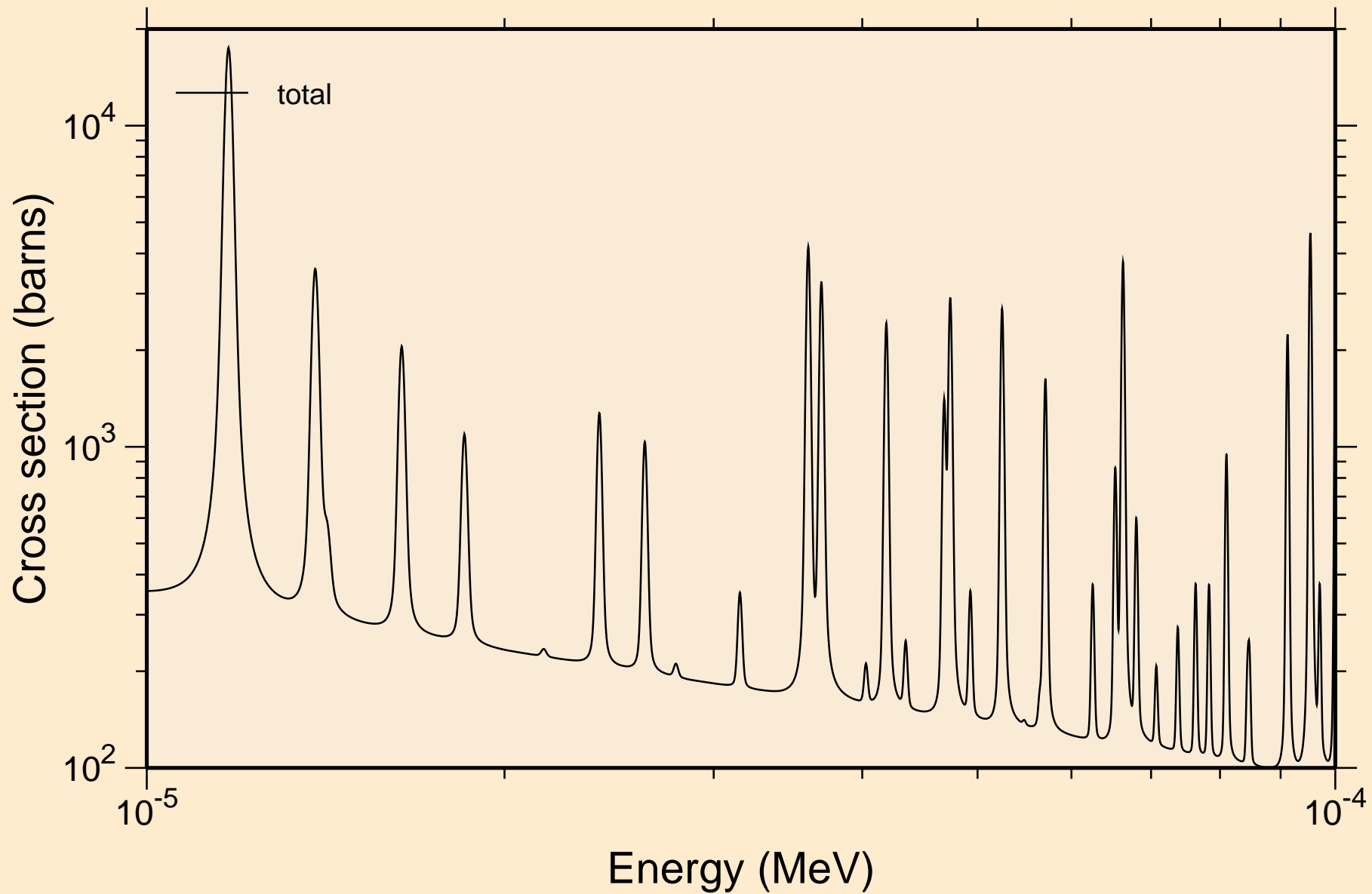
## Principal cross sections



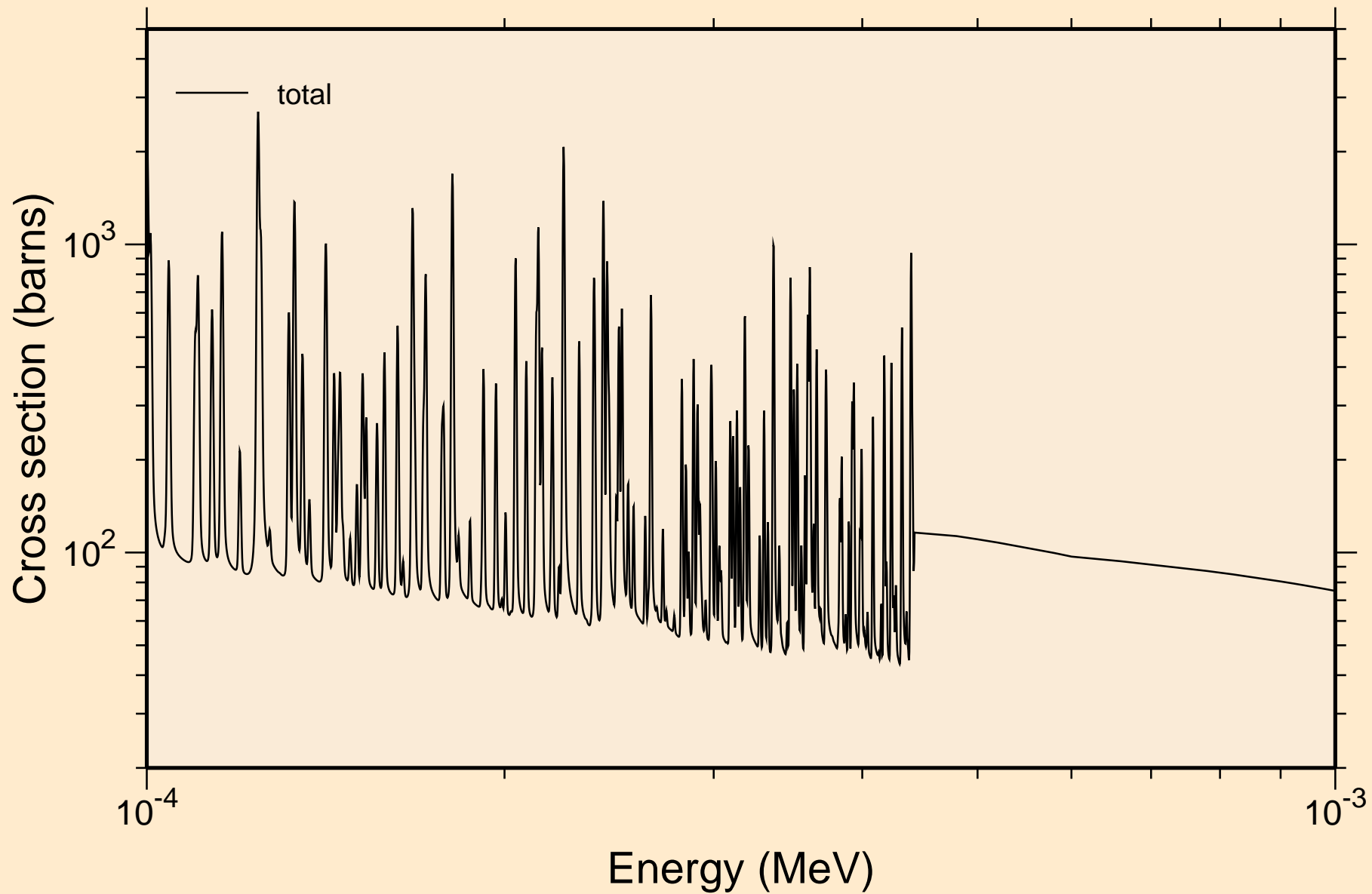
GD140 NRG TENDL-2015, AKONING  
resonance total cross section



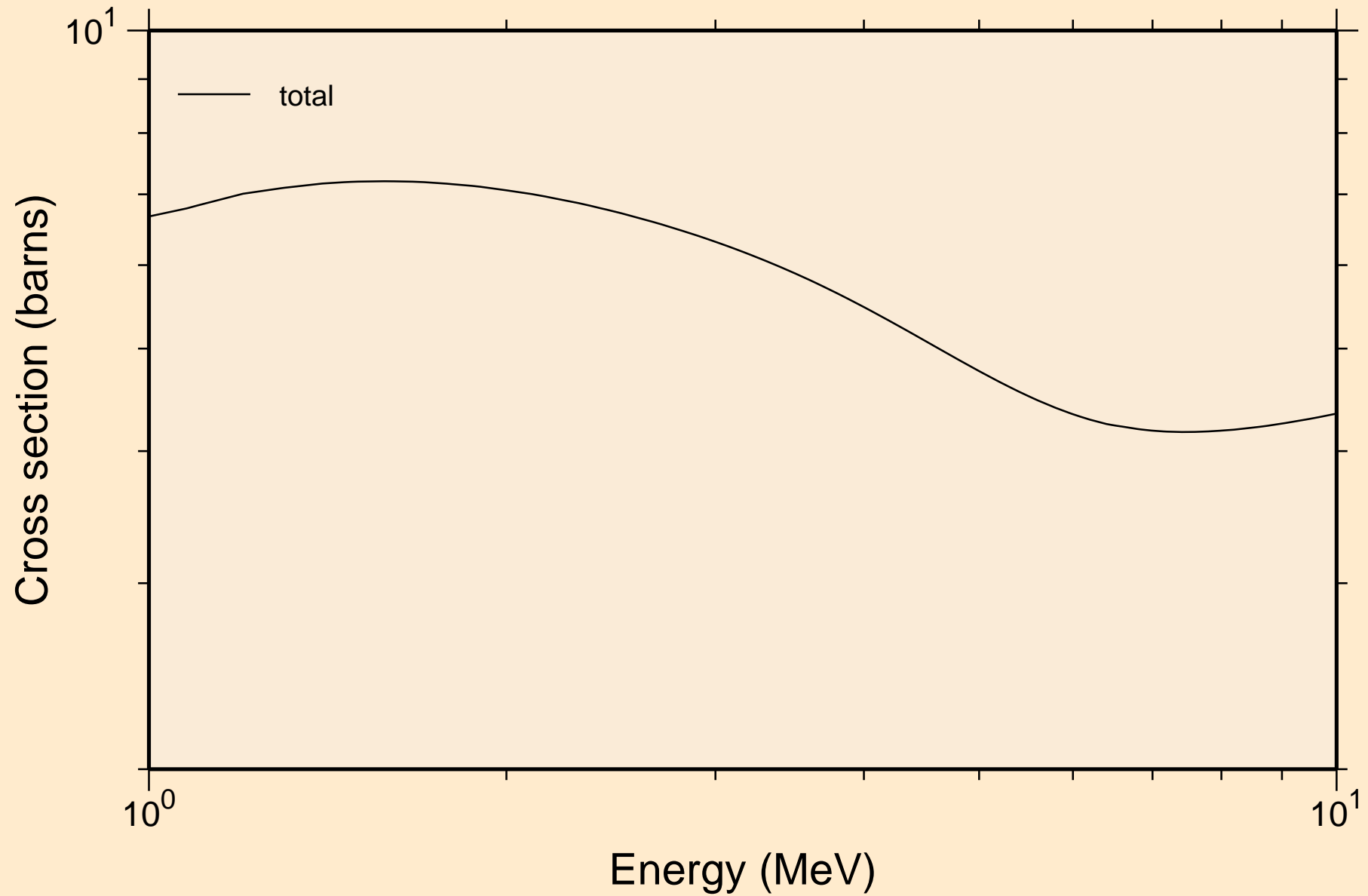
GD140 NRG TENDL-2015, AKONING  
resonance total cross section



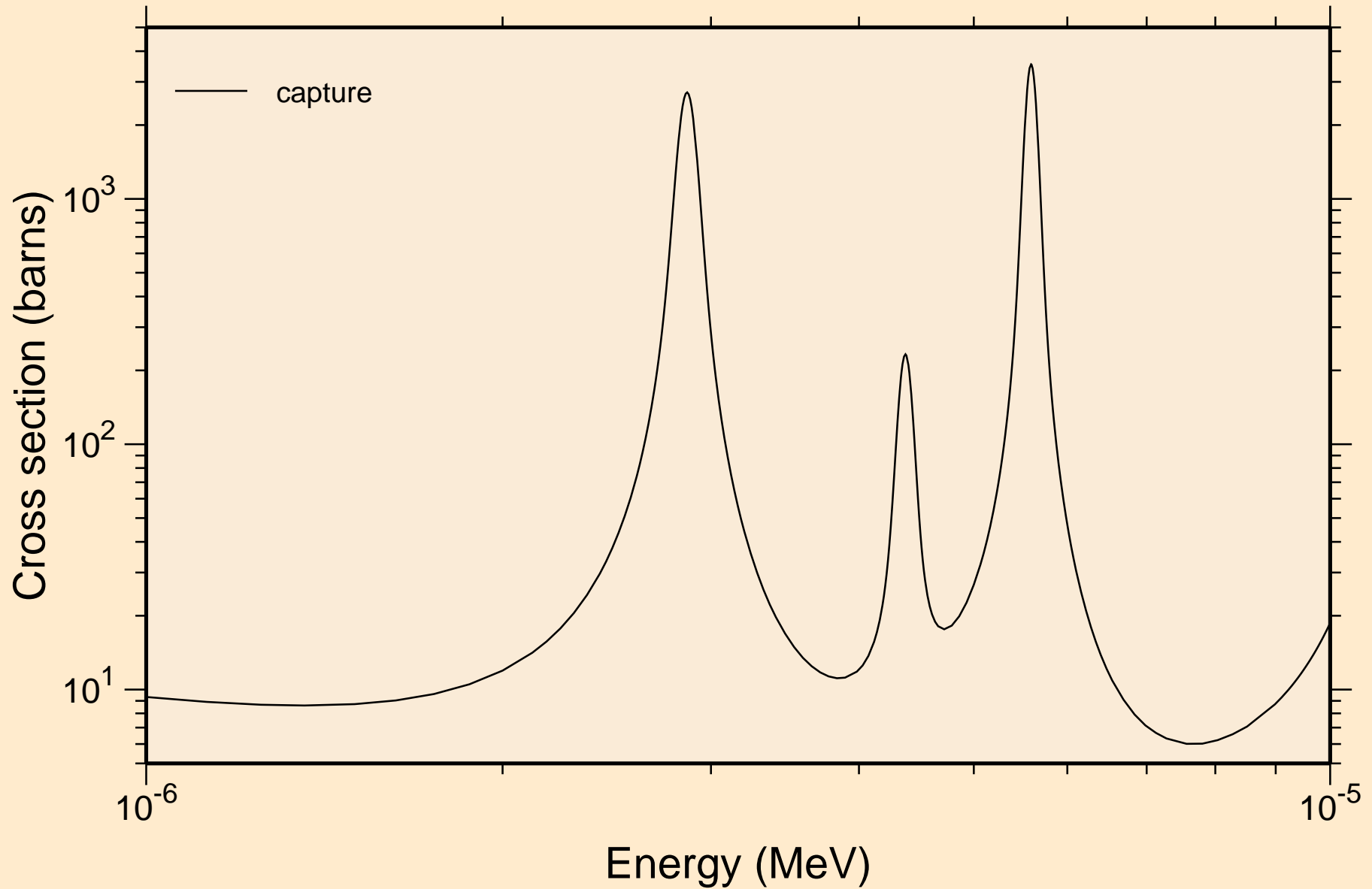
GD140 NRG TENDL-2015, AKONING  
resonance total cross section



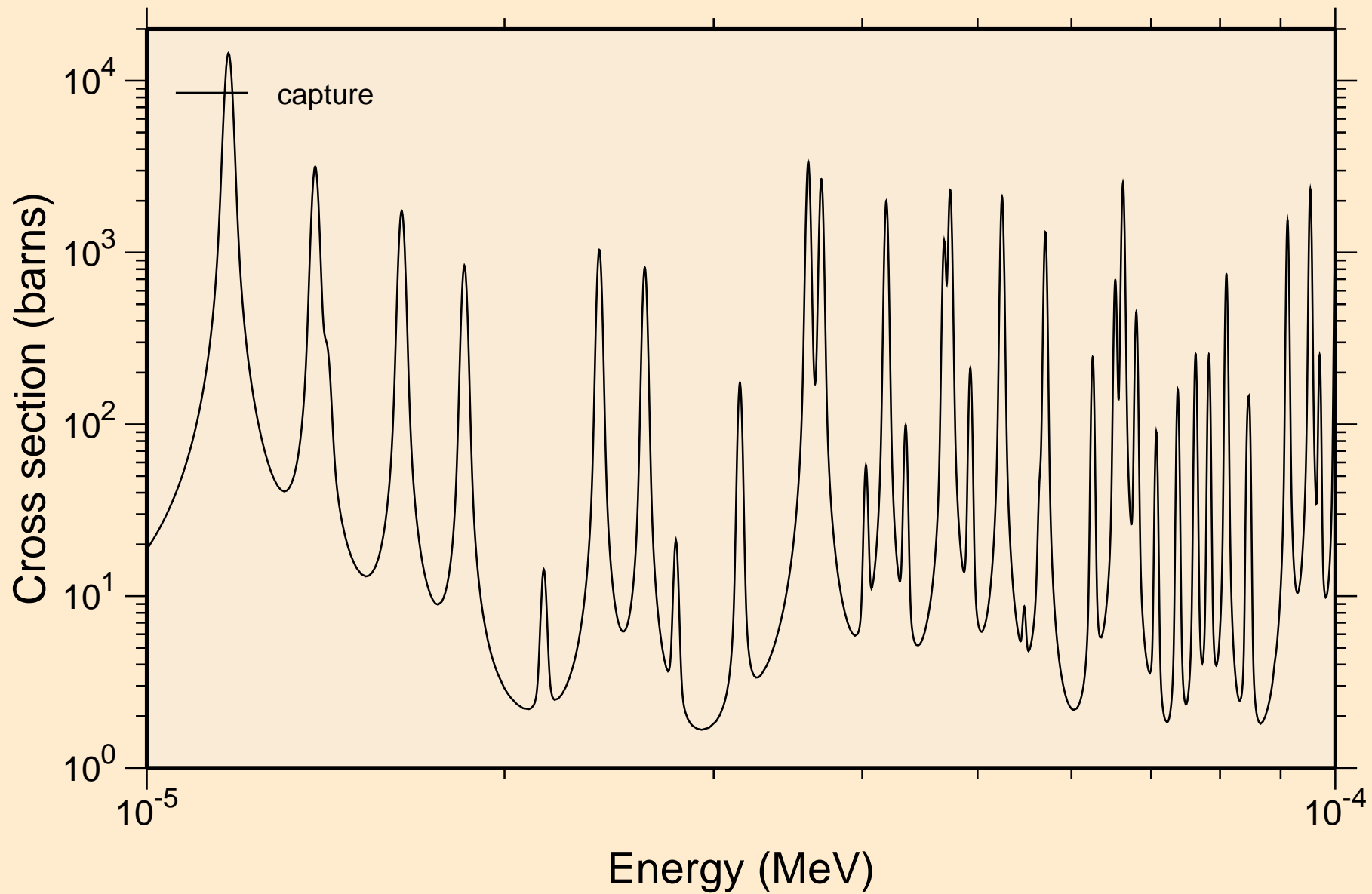
GD140 NRG TENDL-2015, AKONING  
resonance total cross section



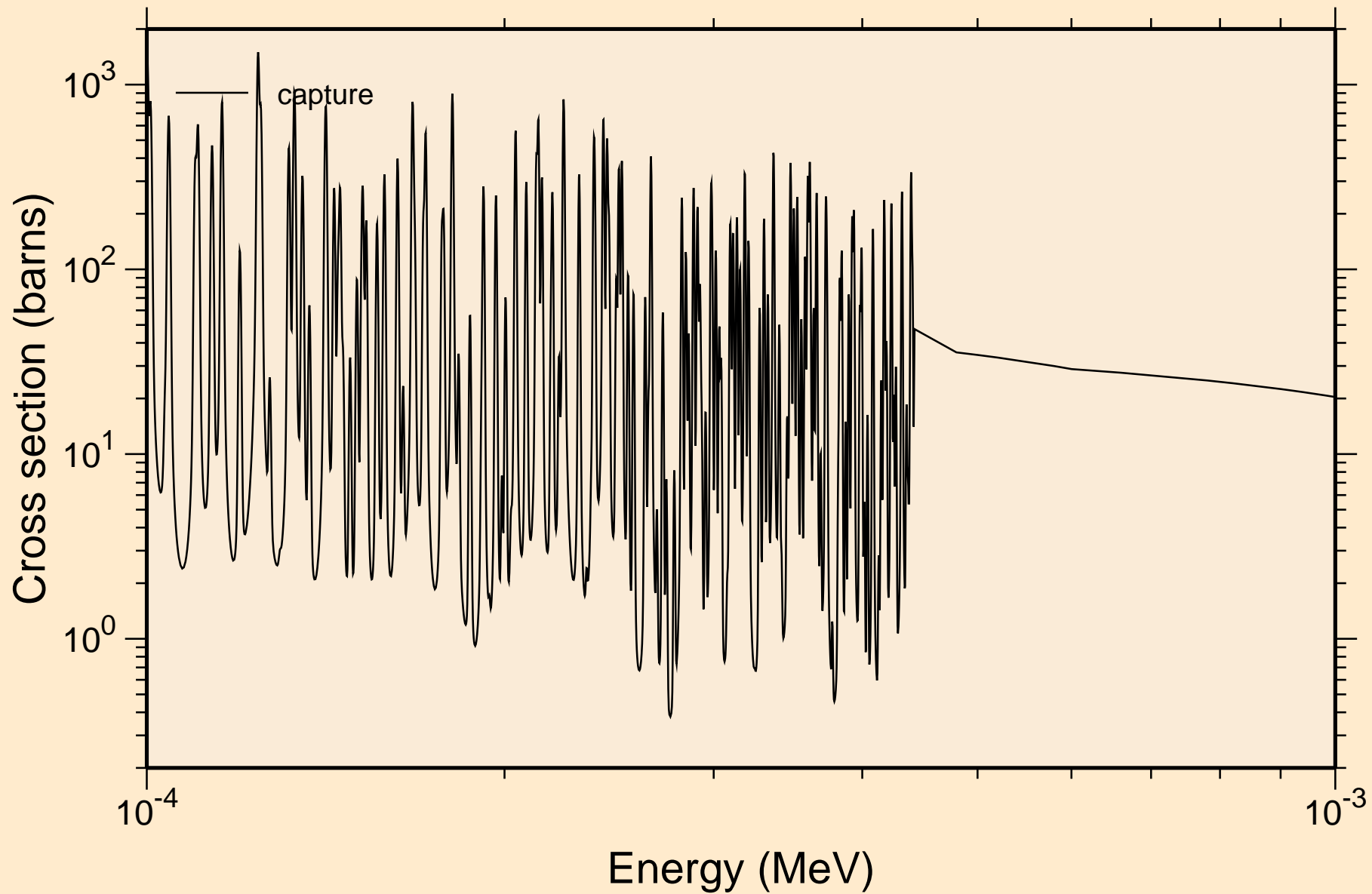
GD140 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# GD140 NRG TENDL-2015, AKONING resonance absorption cross sections

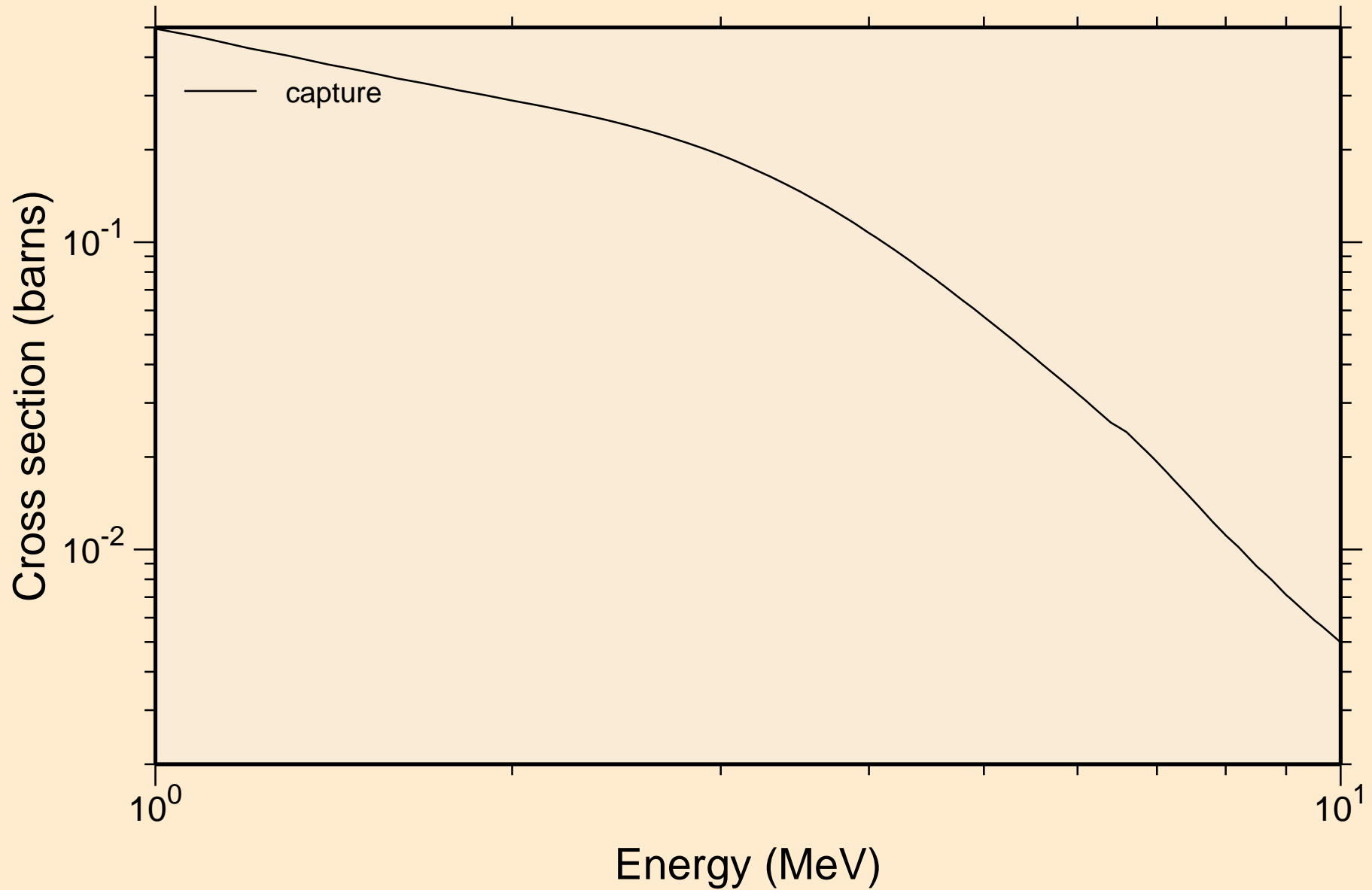


GD140 NRG TENDL-2015, AKONING  
resonance absorption cross sections



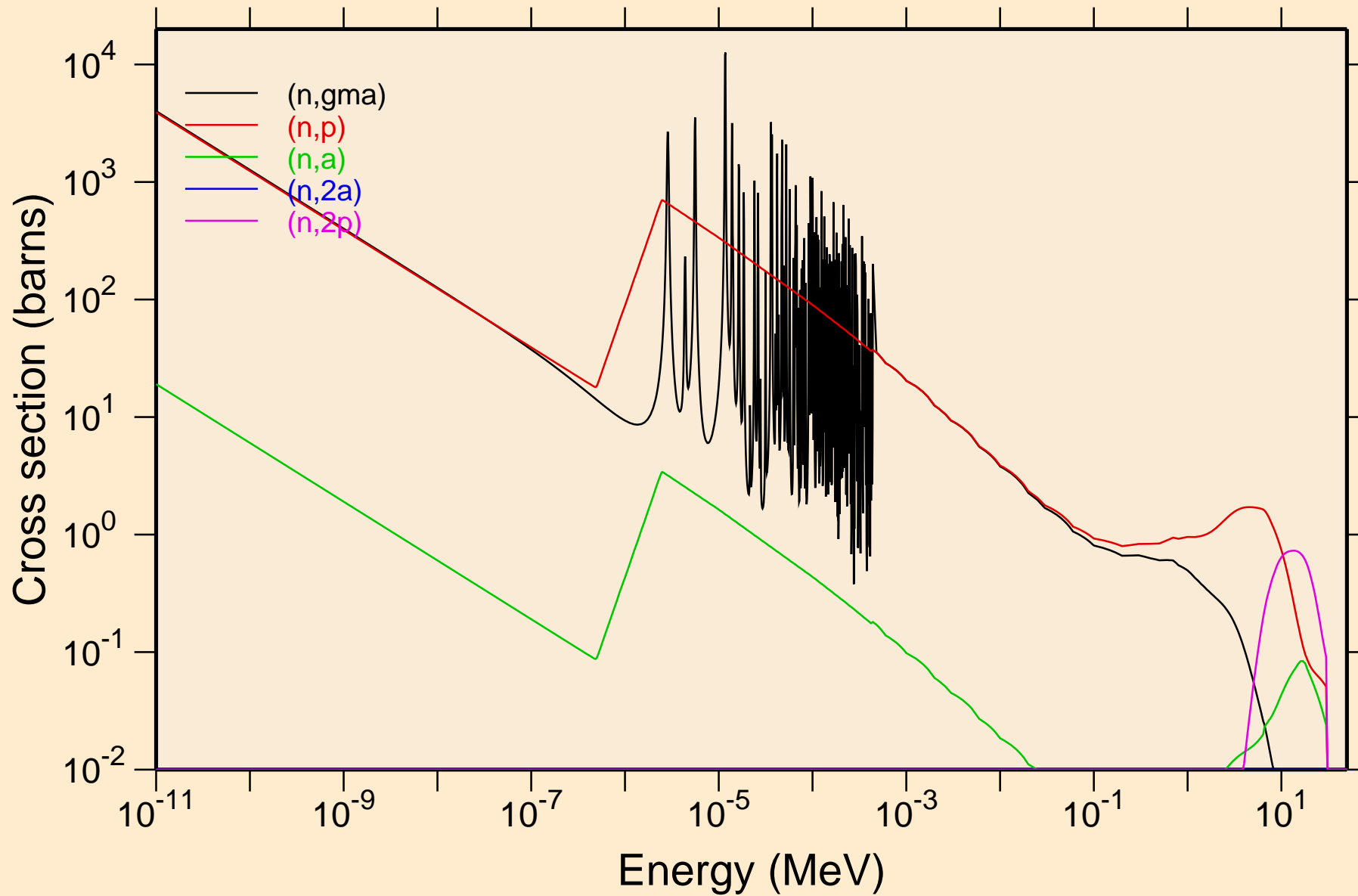


GD140 NRG TENDL-2015, AKONING  
resonance absorption cross sections

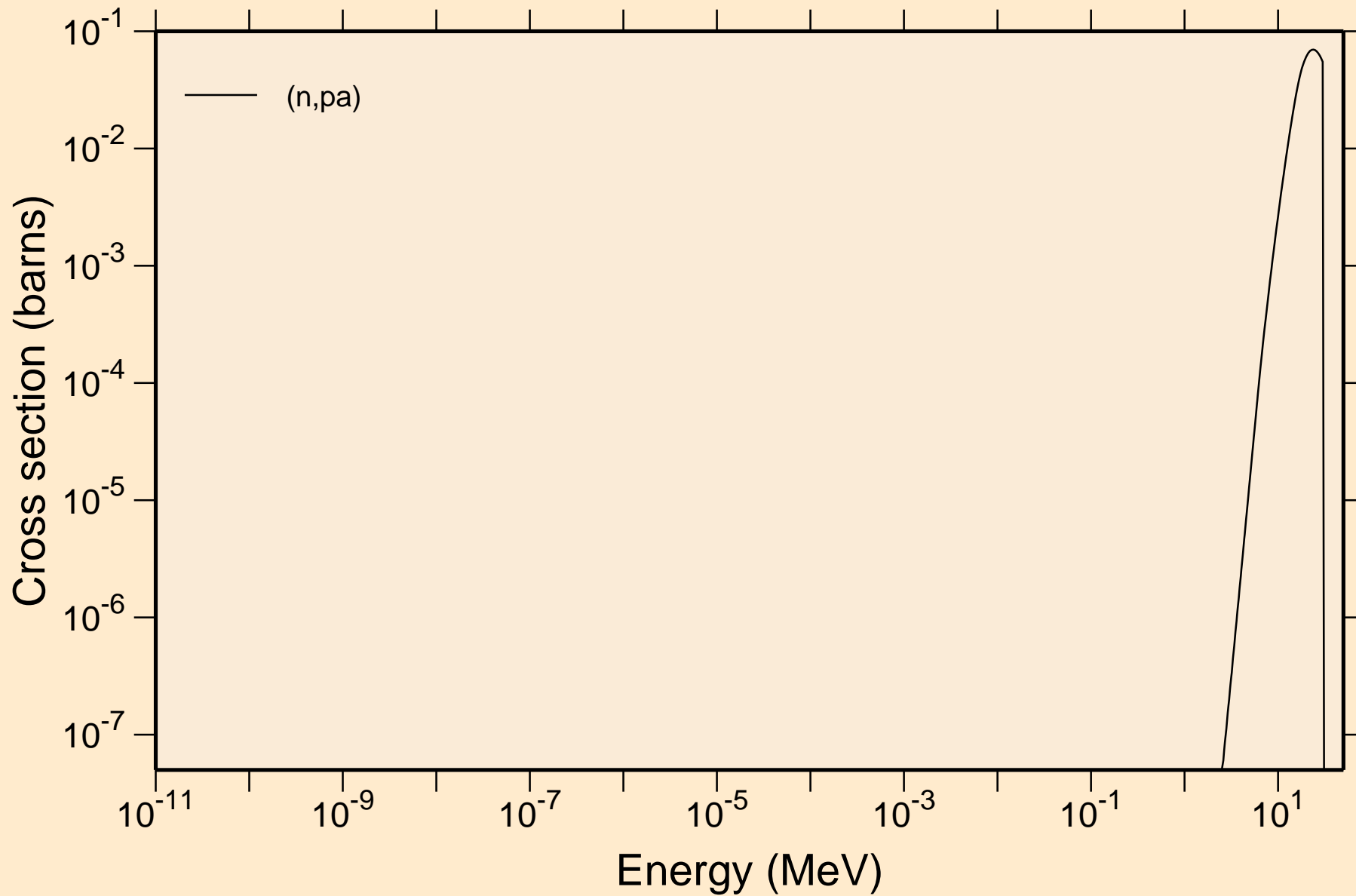


# GD140 NRG TENDL-2015, AKONING

## Non-threshold reactions

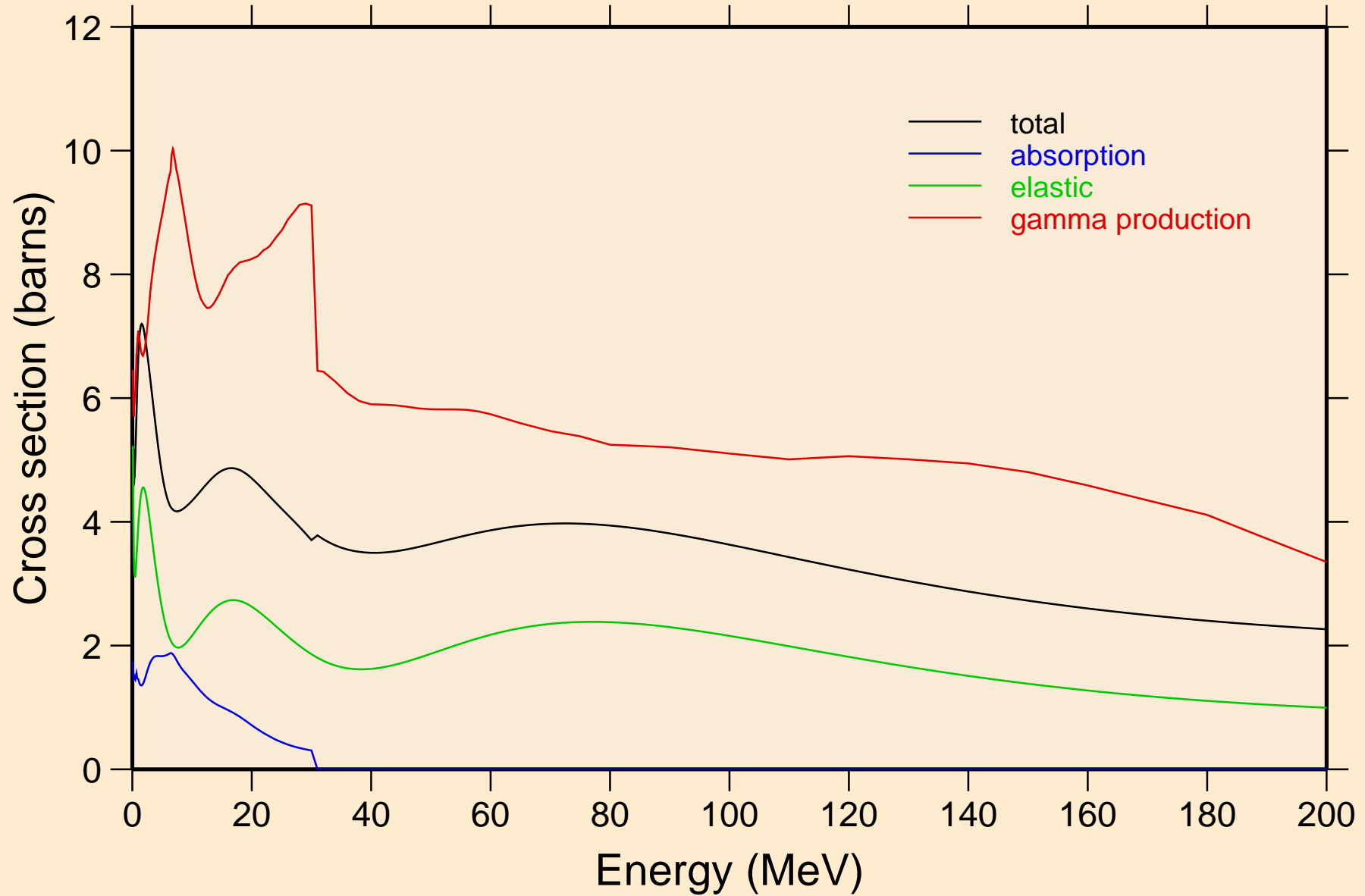


GD140 NRG TENDL-2015, AKONING  
Non-threshold reactions



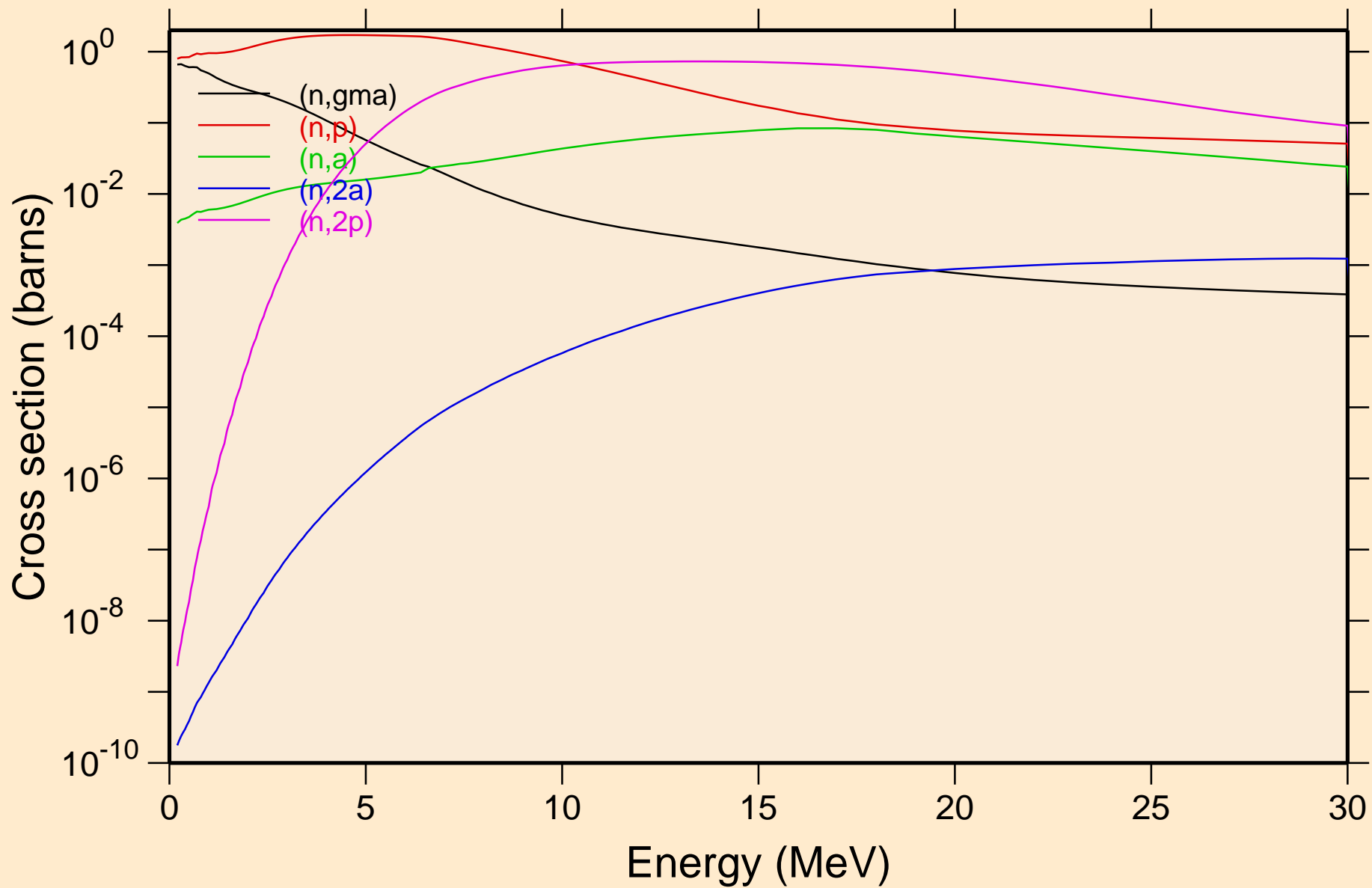
# GD140 NRG TENDL-2015, AKONING

## Principal cross sections

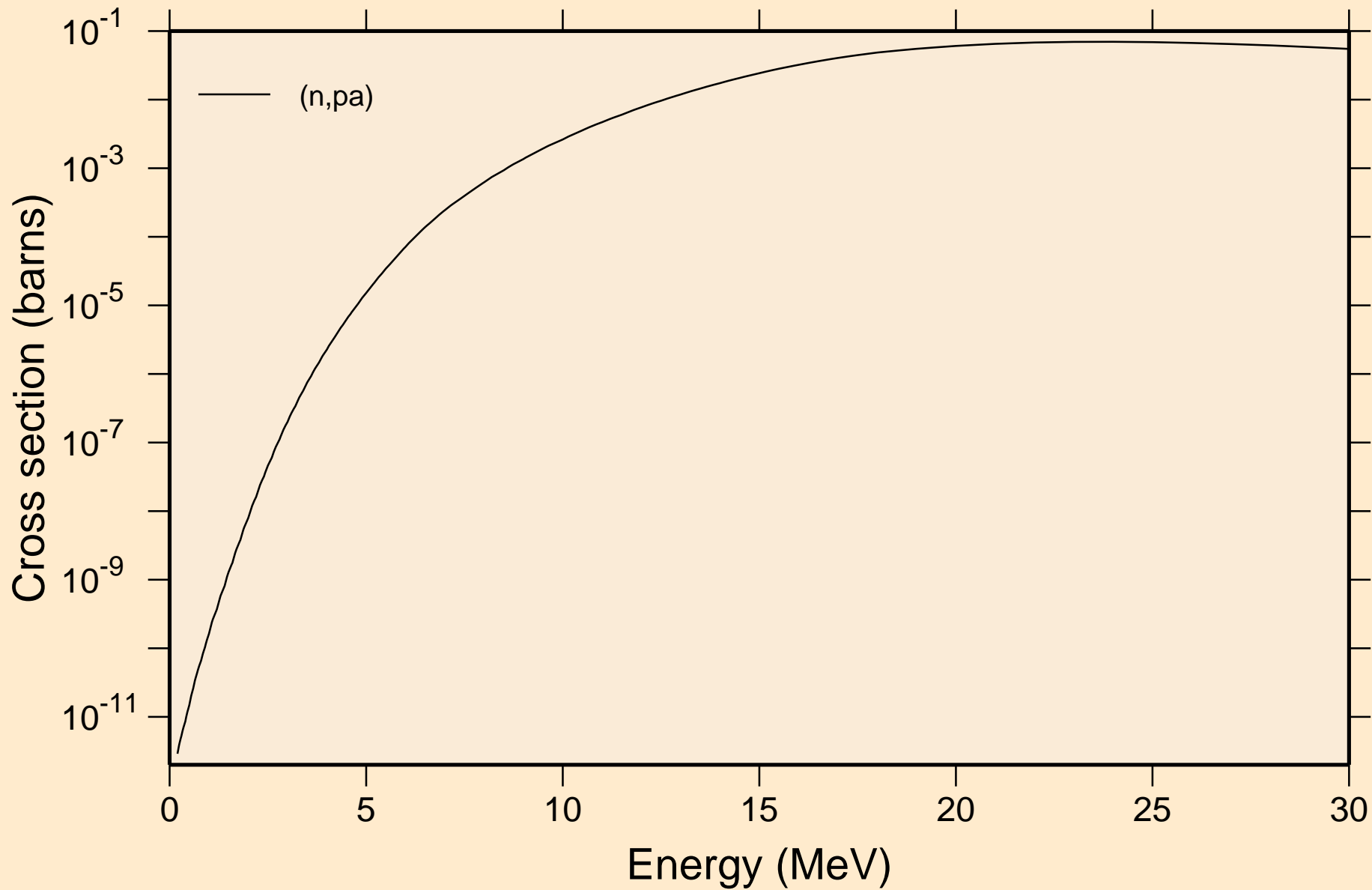


# GD140 NRG TENDL-2015, AKONING

## Non-threshold reactions

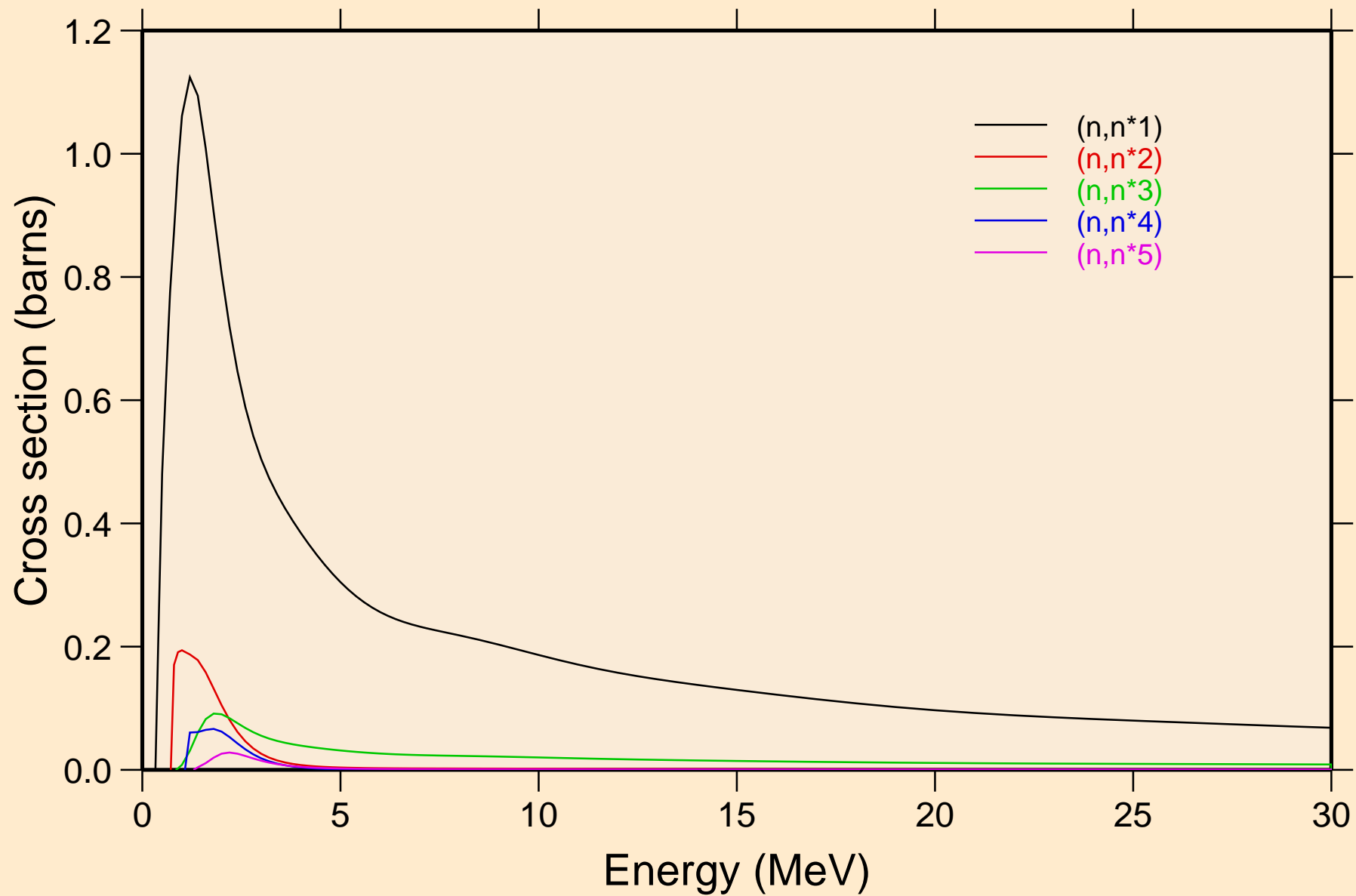


GD140 NRG TENDL-2015, AKONING  
Non-threshold reactions



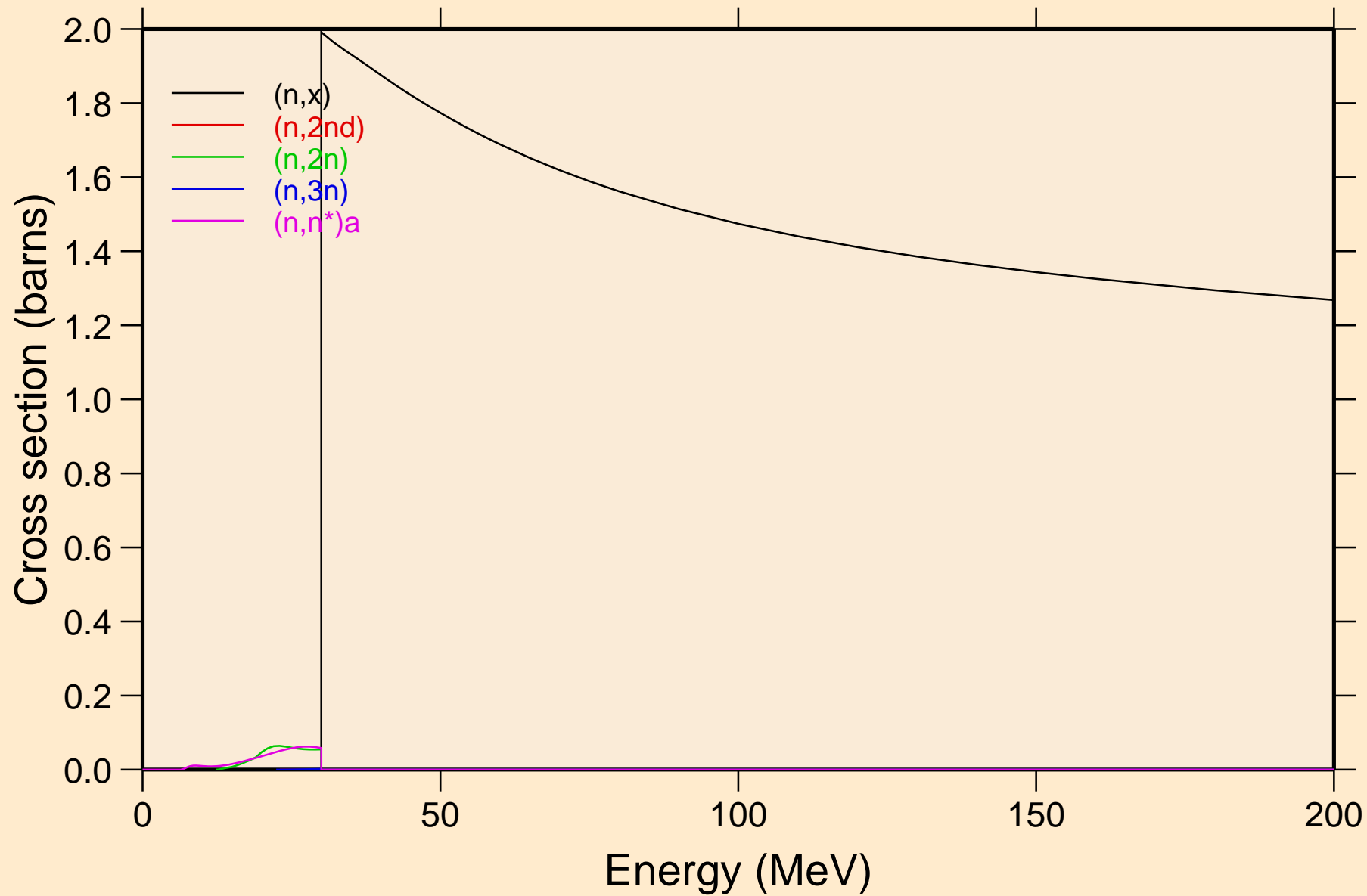
# GD140 NRG TENDL-2015, AKONING

## Inelastic levels



# GD140 NRG TENDL-2015, AKONING

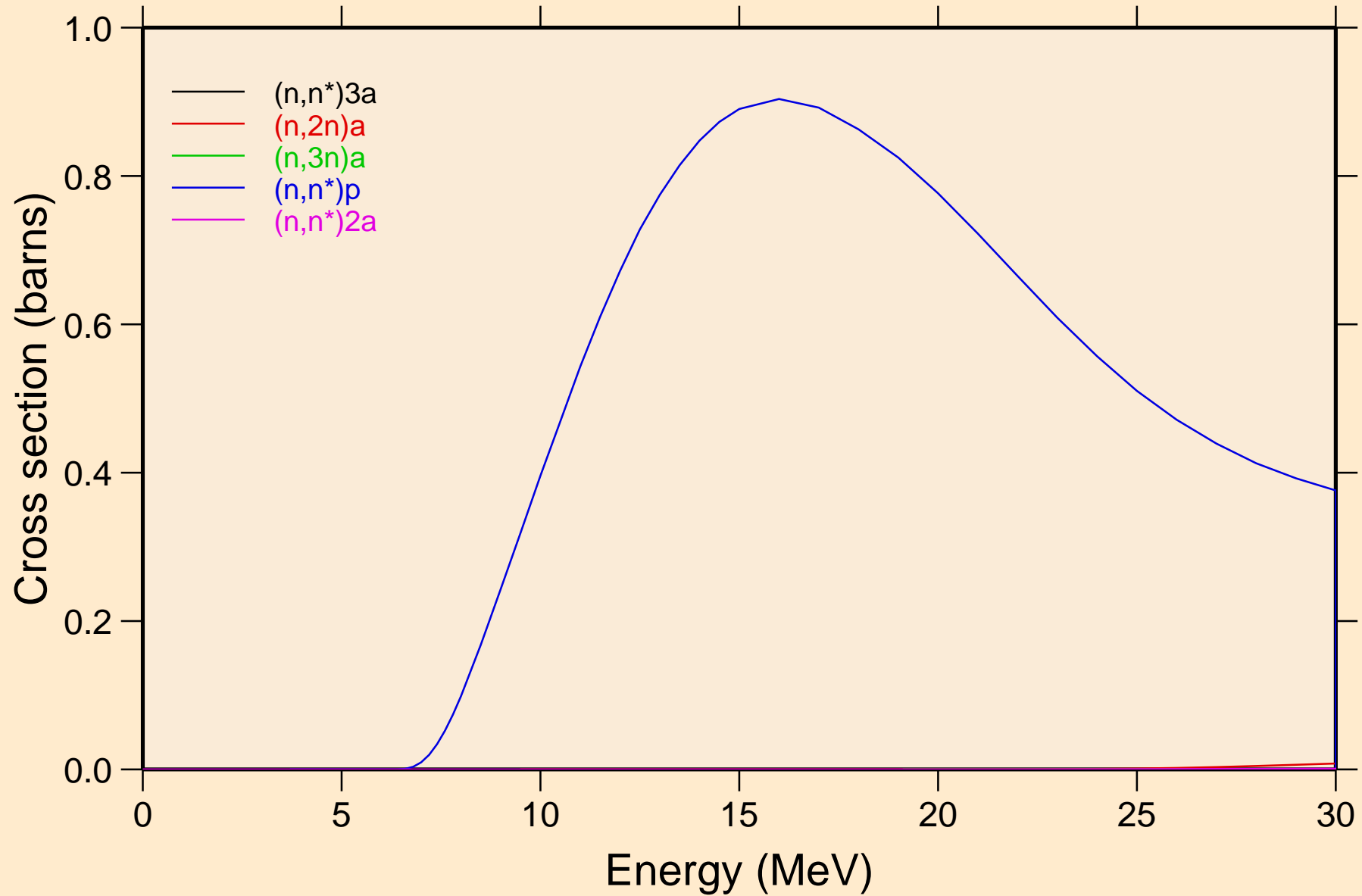
## Threshold reactions





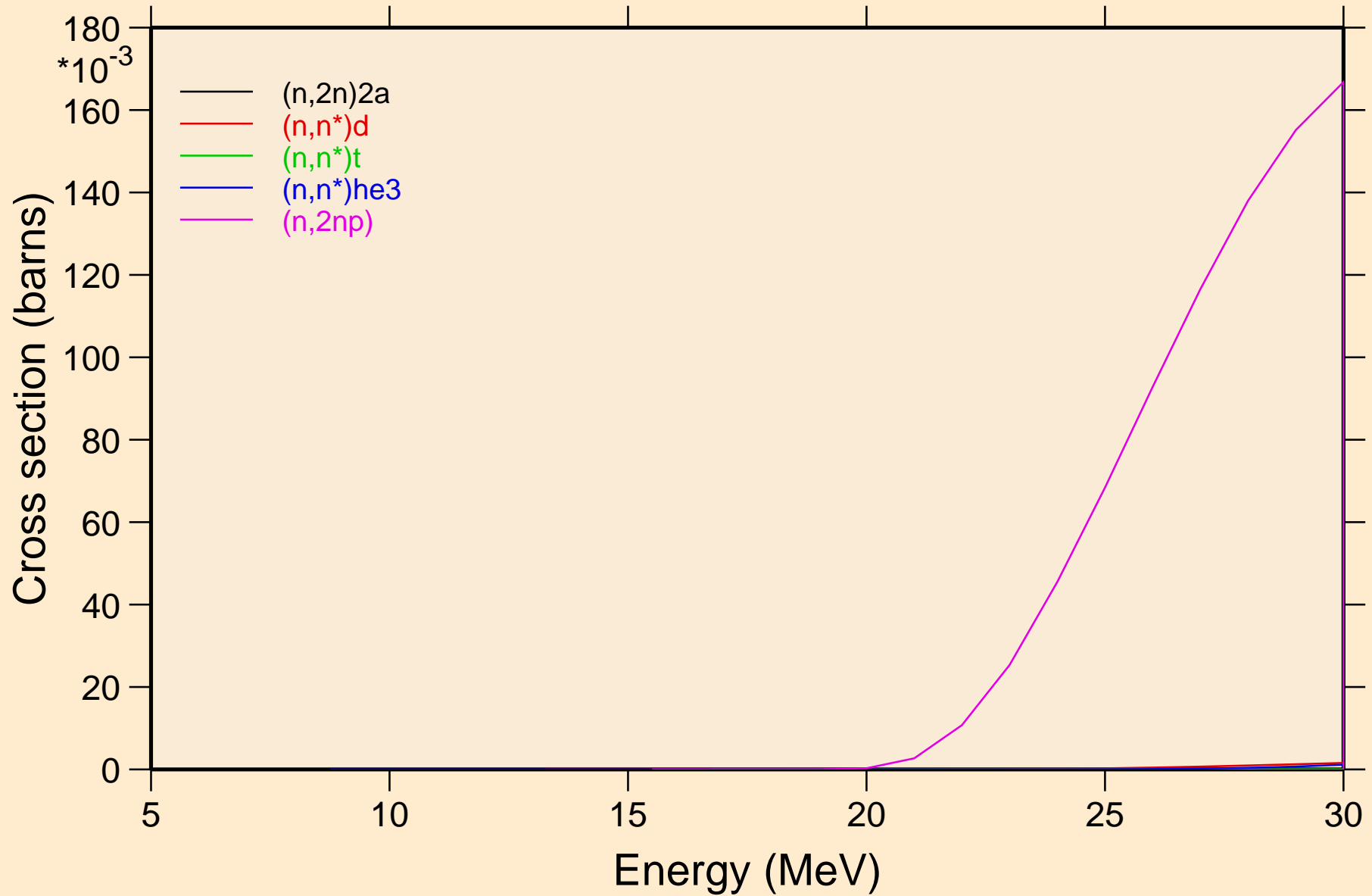
# GD140 NRG TENDL-2015, AKONING

## Threshold reactions



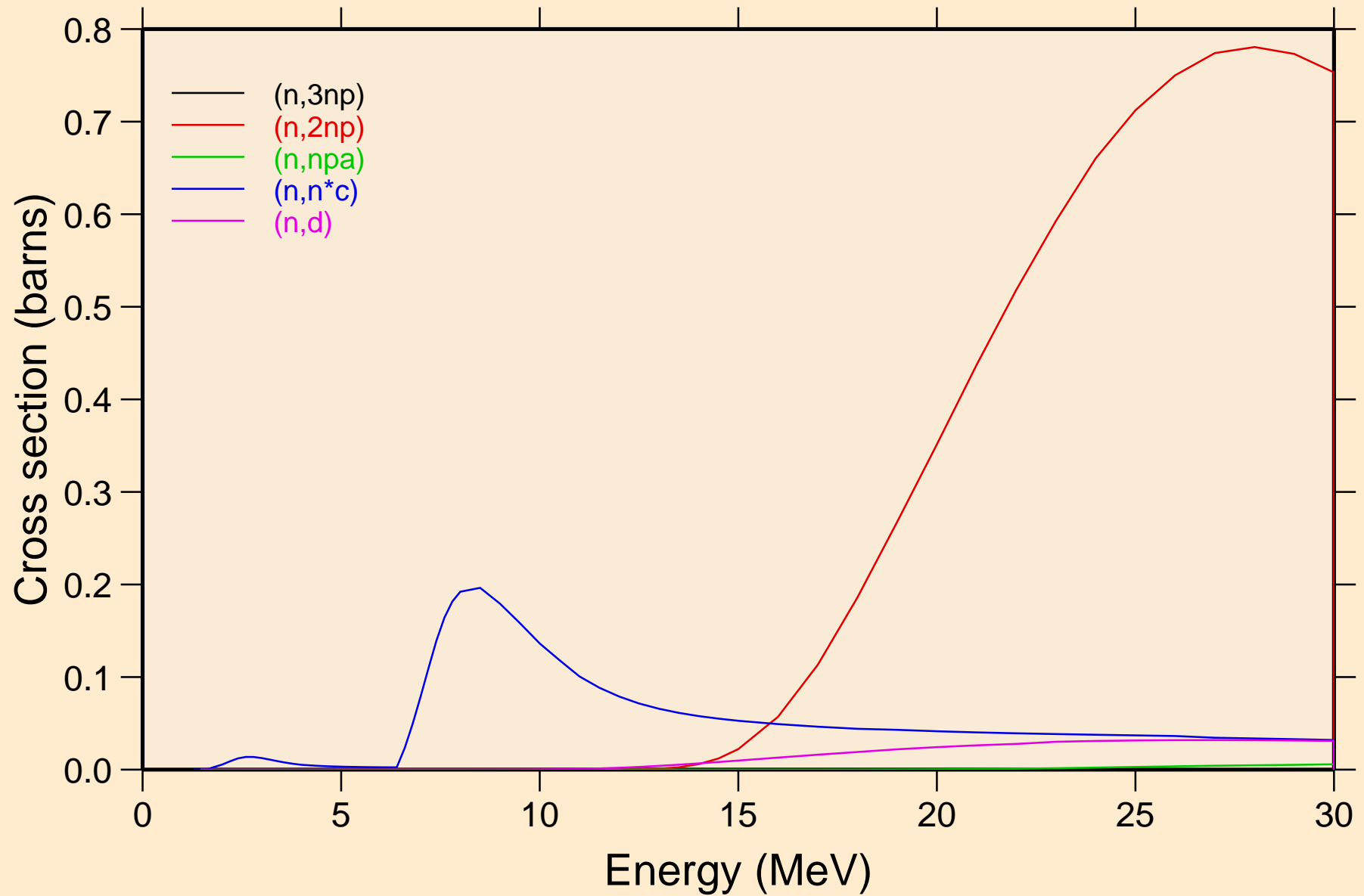
# GD140 NRG TENDL-2015, AKONING

## Threshold reactions



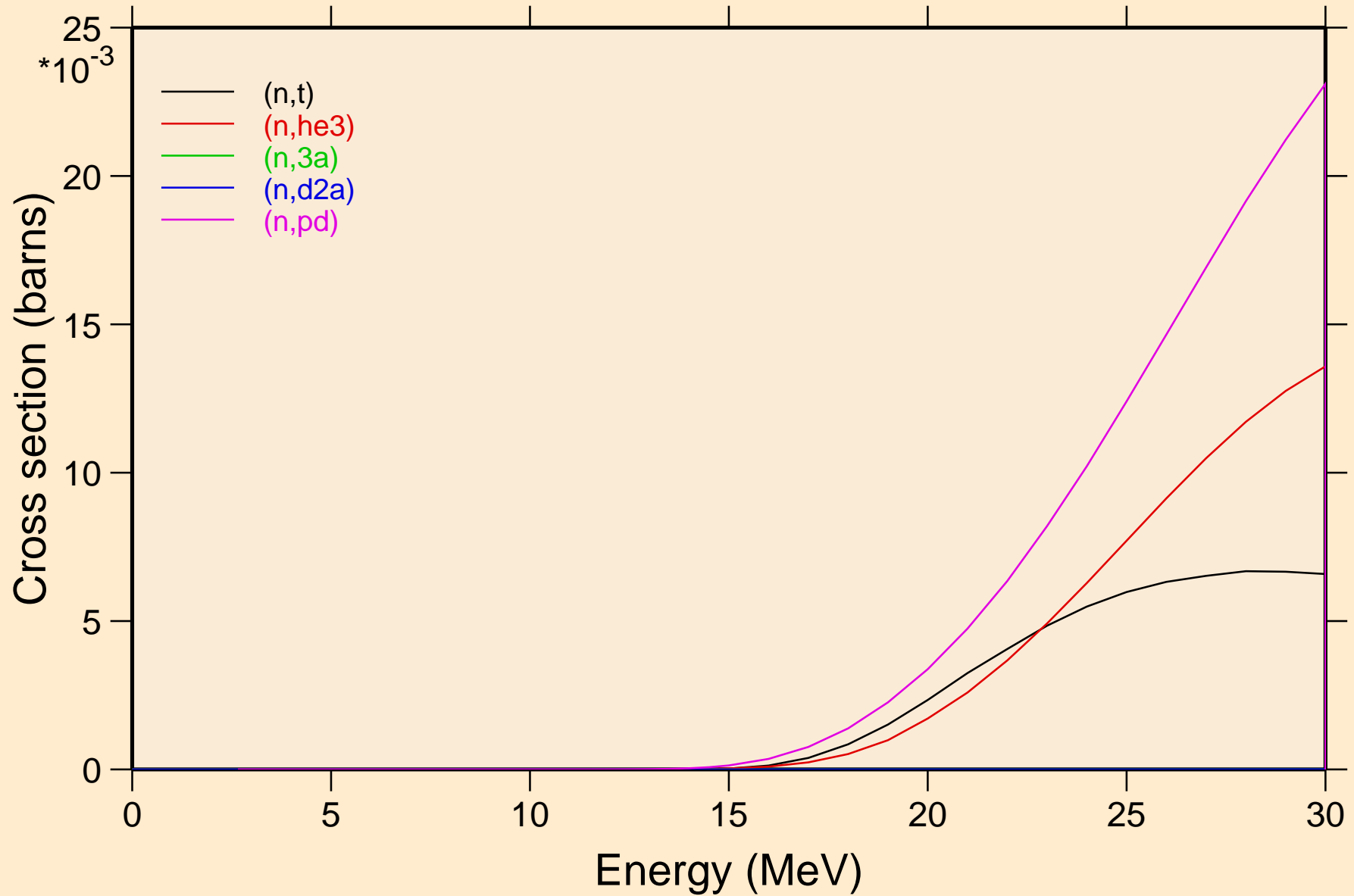
# GD140 NRG TENDL-2015, AKONING

## Threshold reactions



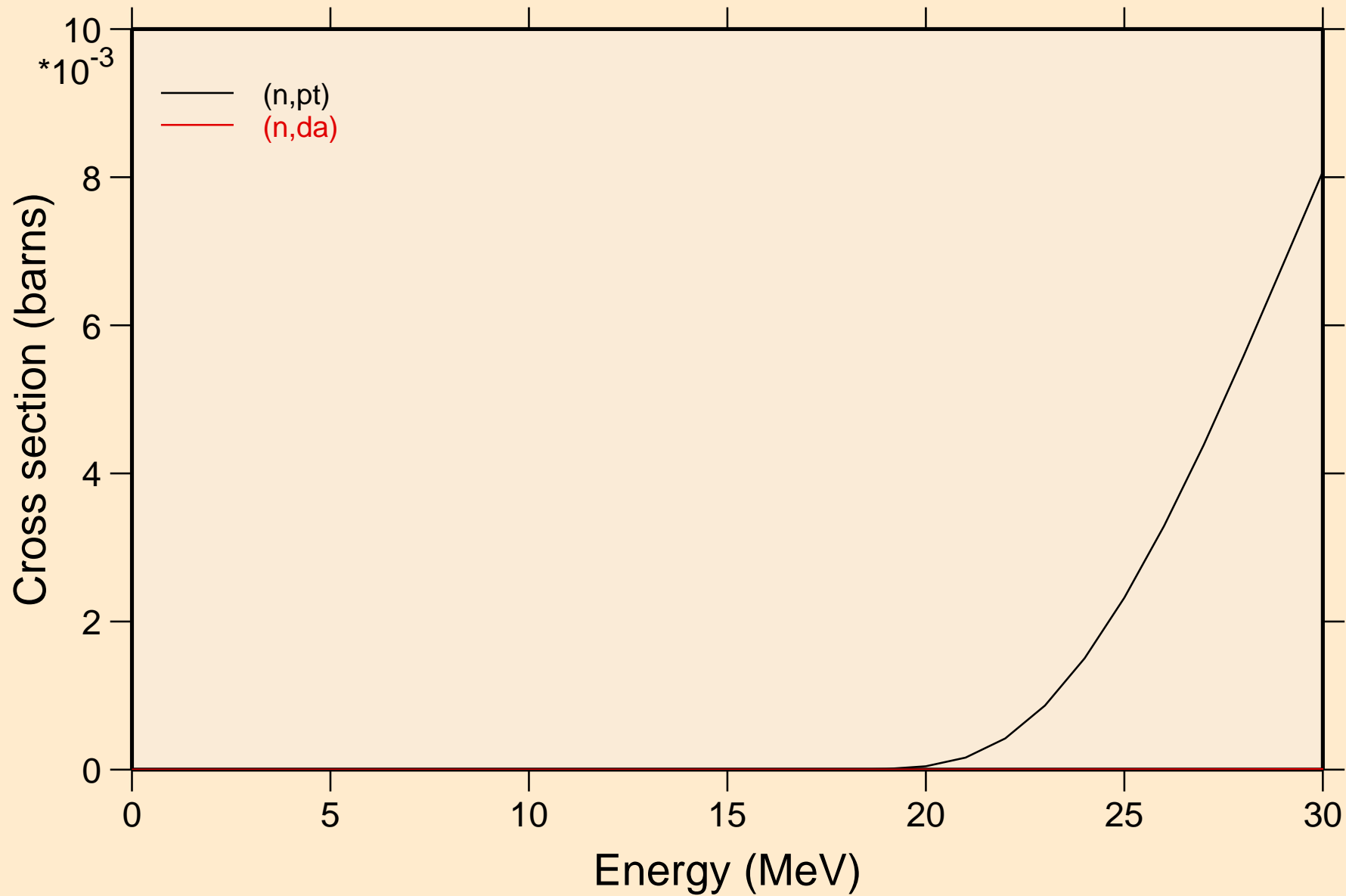
# GD140 NRG TENDL-2015, AKONING

## Threshold reactions

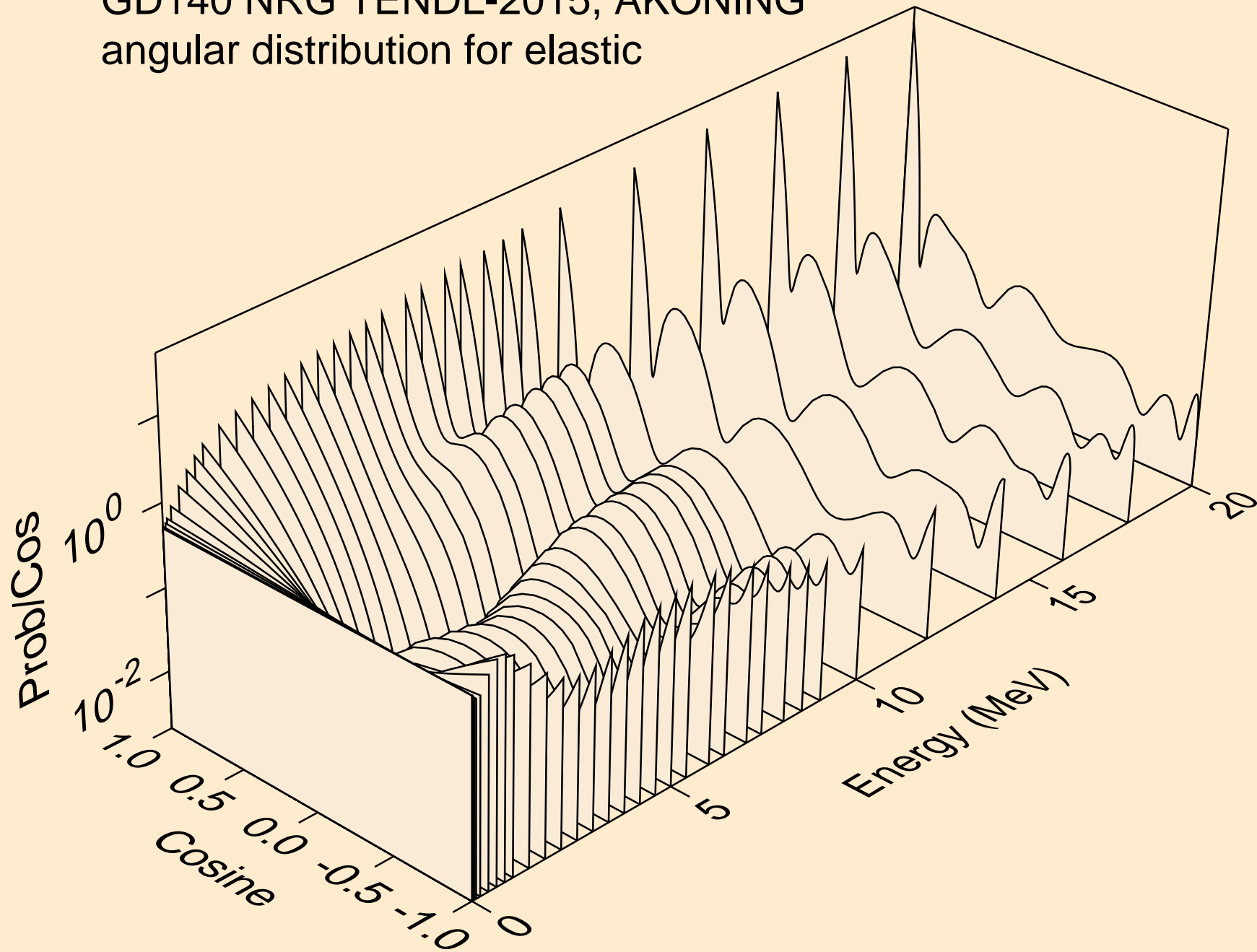


# GD140 NRG TENDL-2015, AKONING

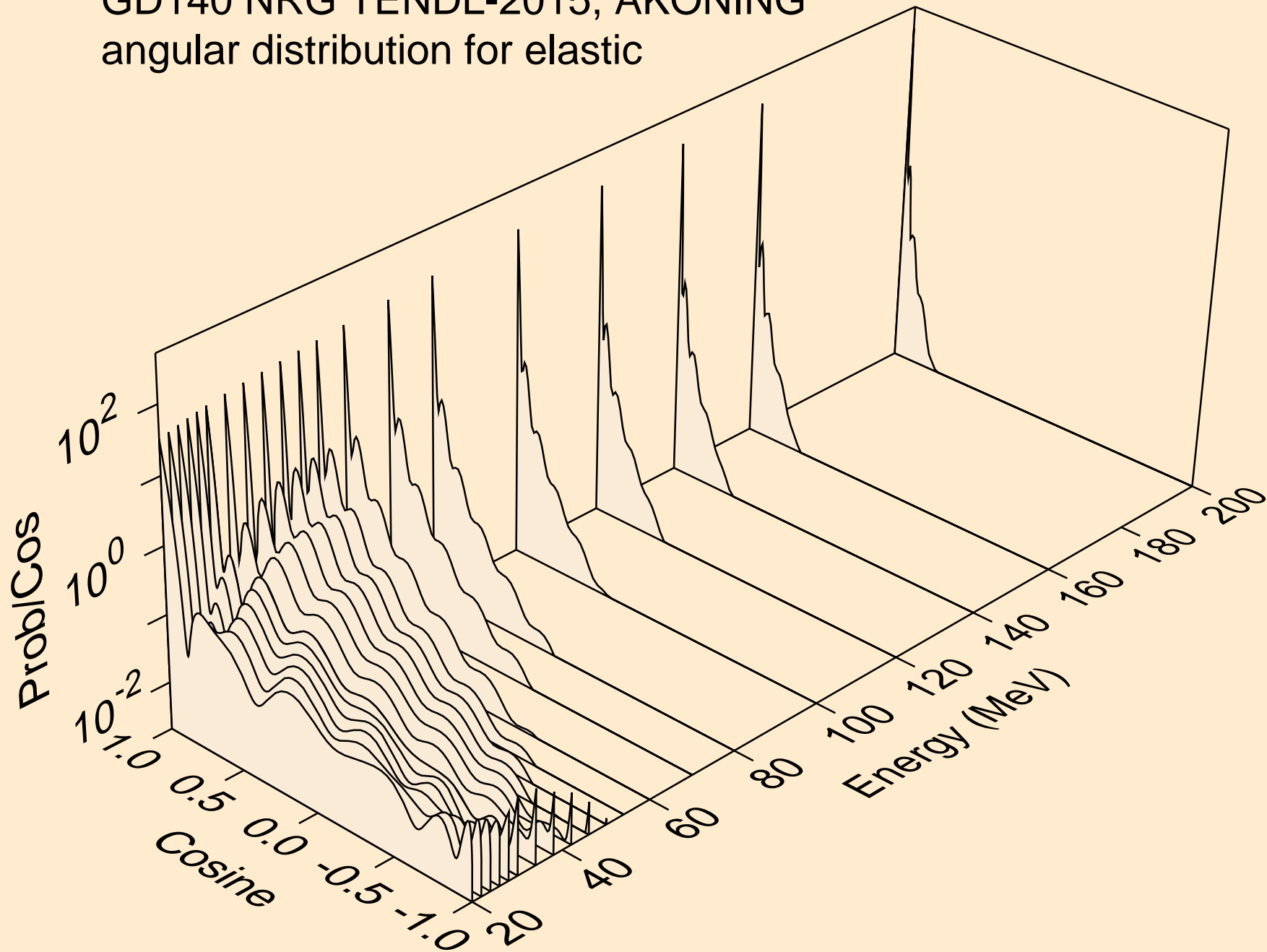
## Threshold reactions



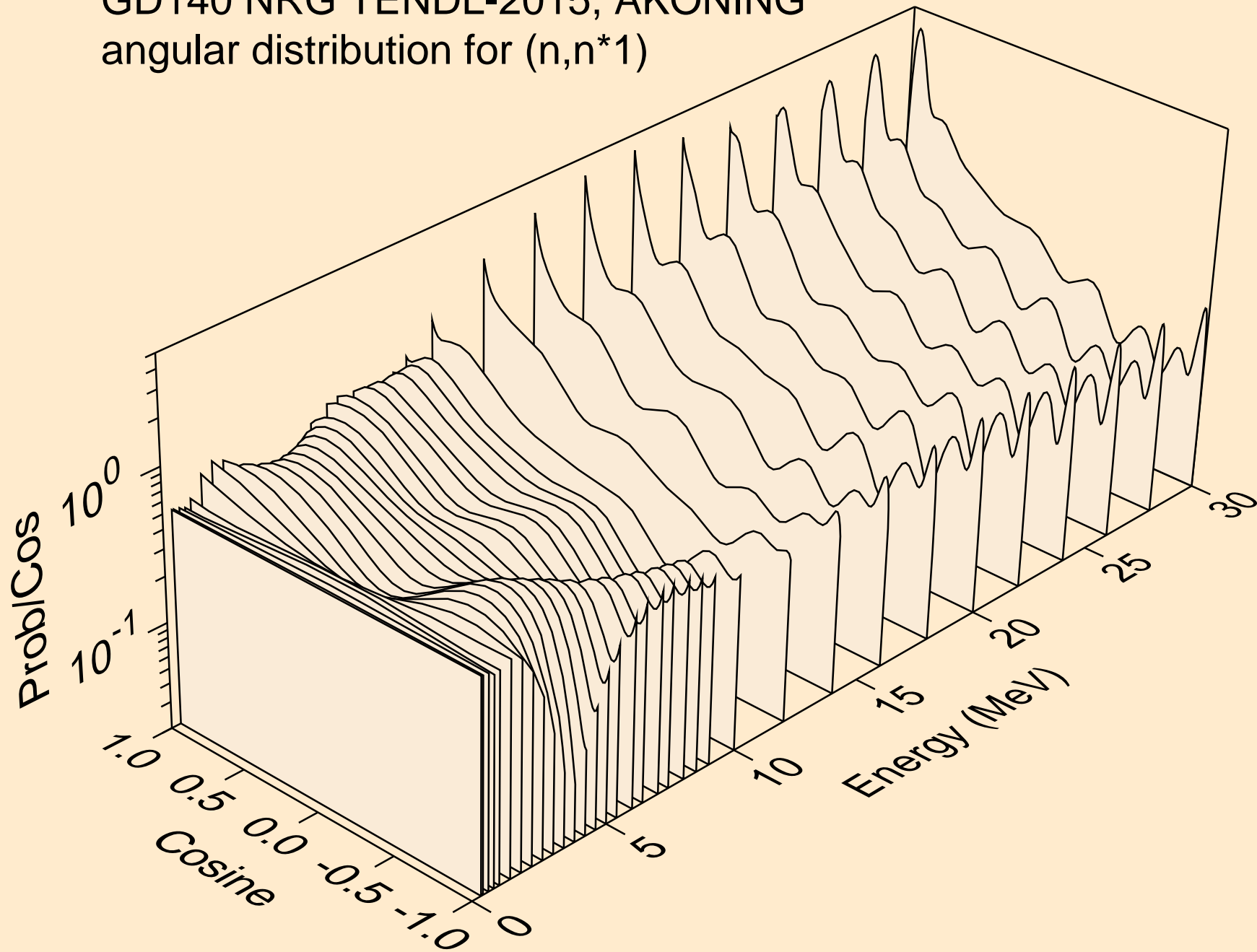
GD140 NRG TENDL-2015, AKONING  
angular distribution for elastic



GD140 NRG TENDL-2015, AKONING  
angular distribution for elastic

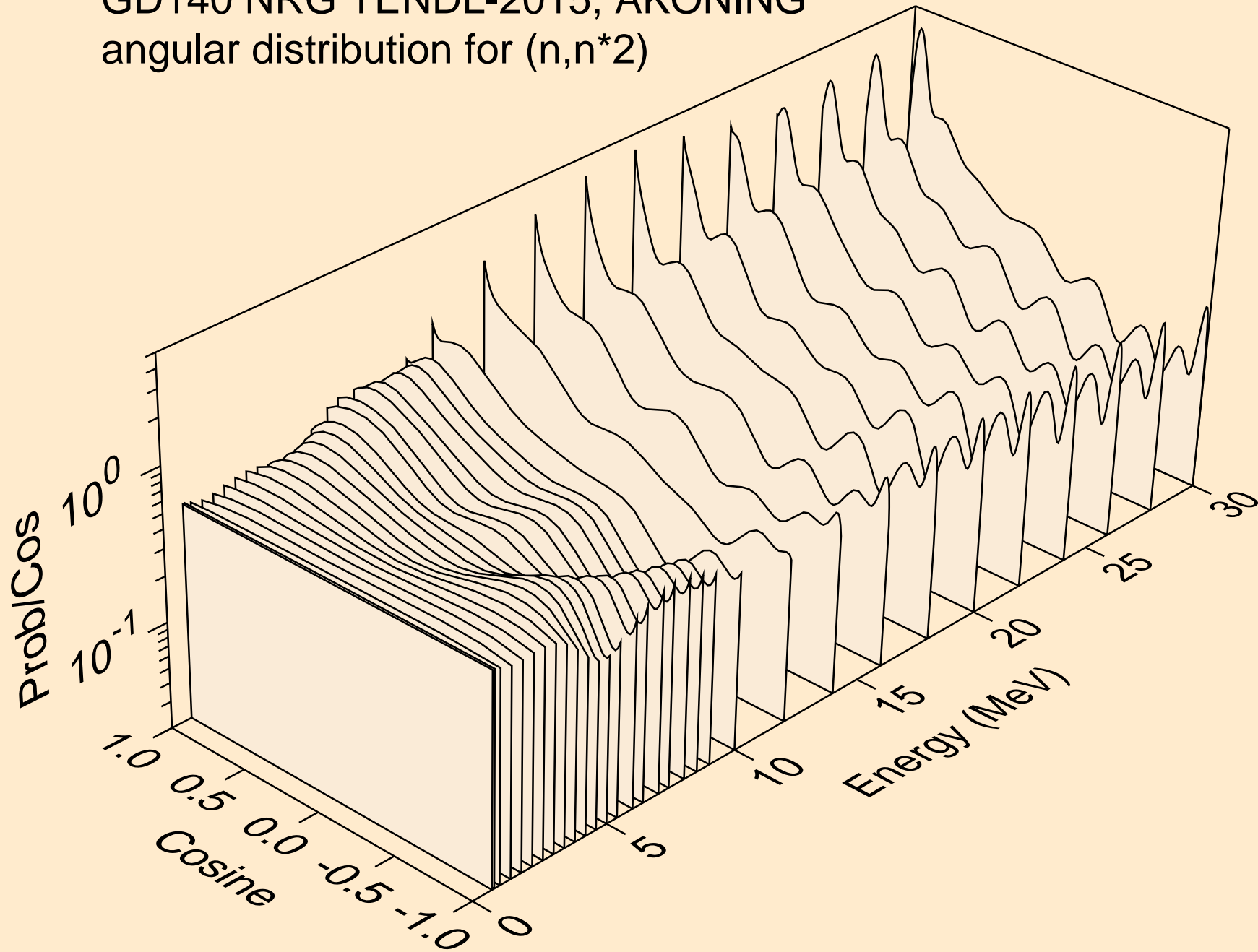


GD140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

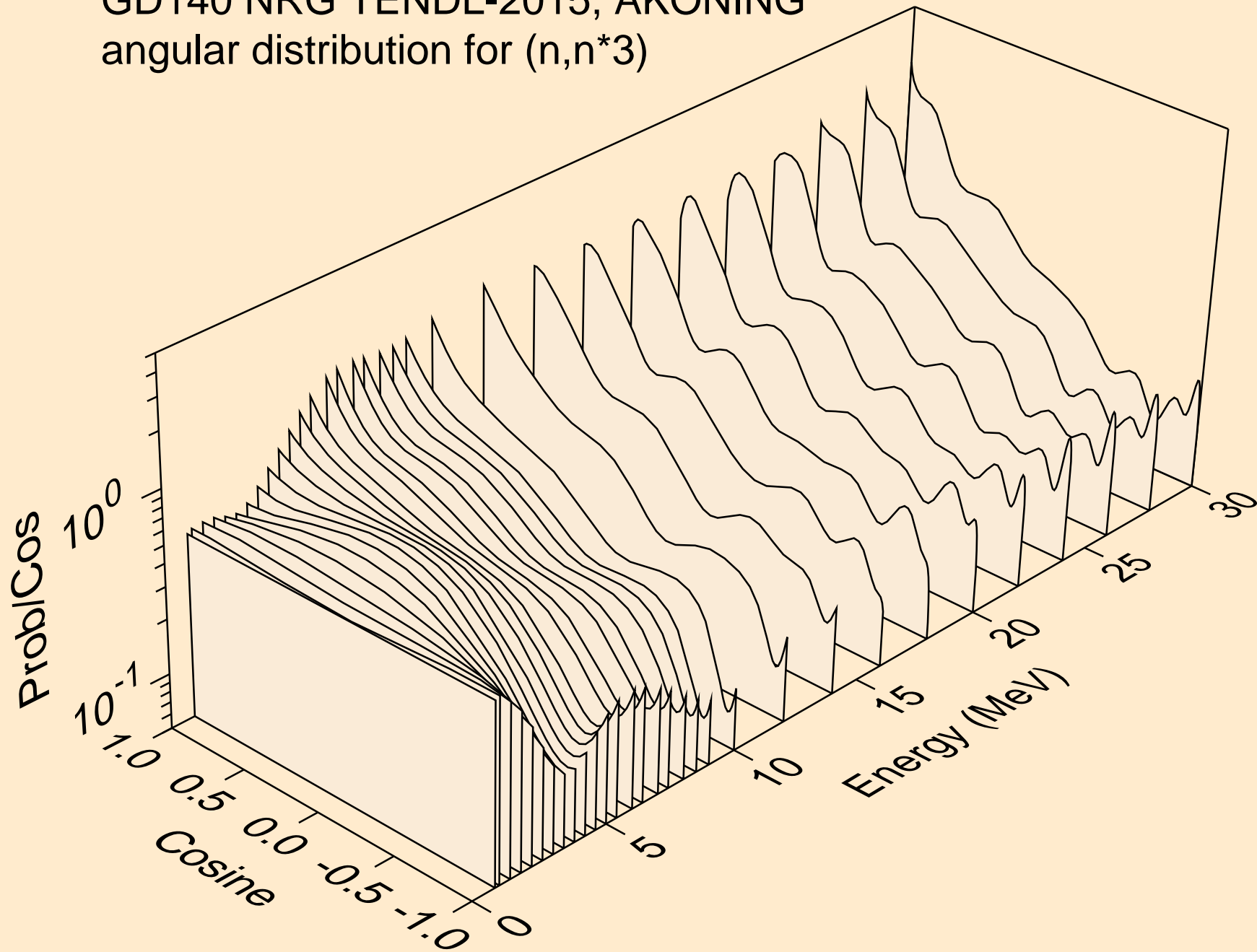




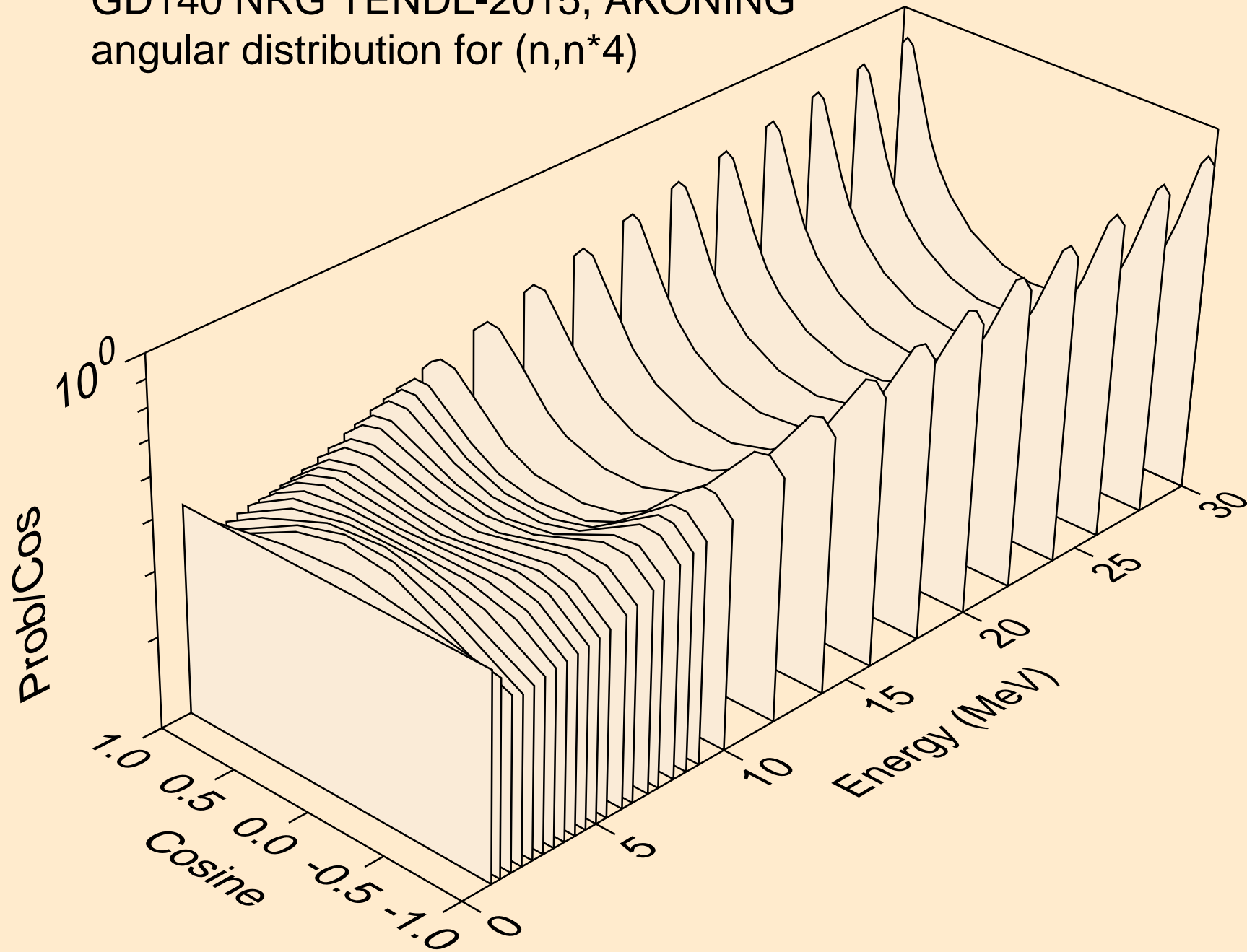
GD140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



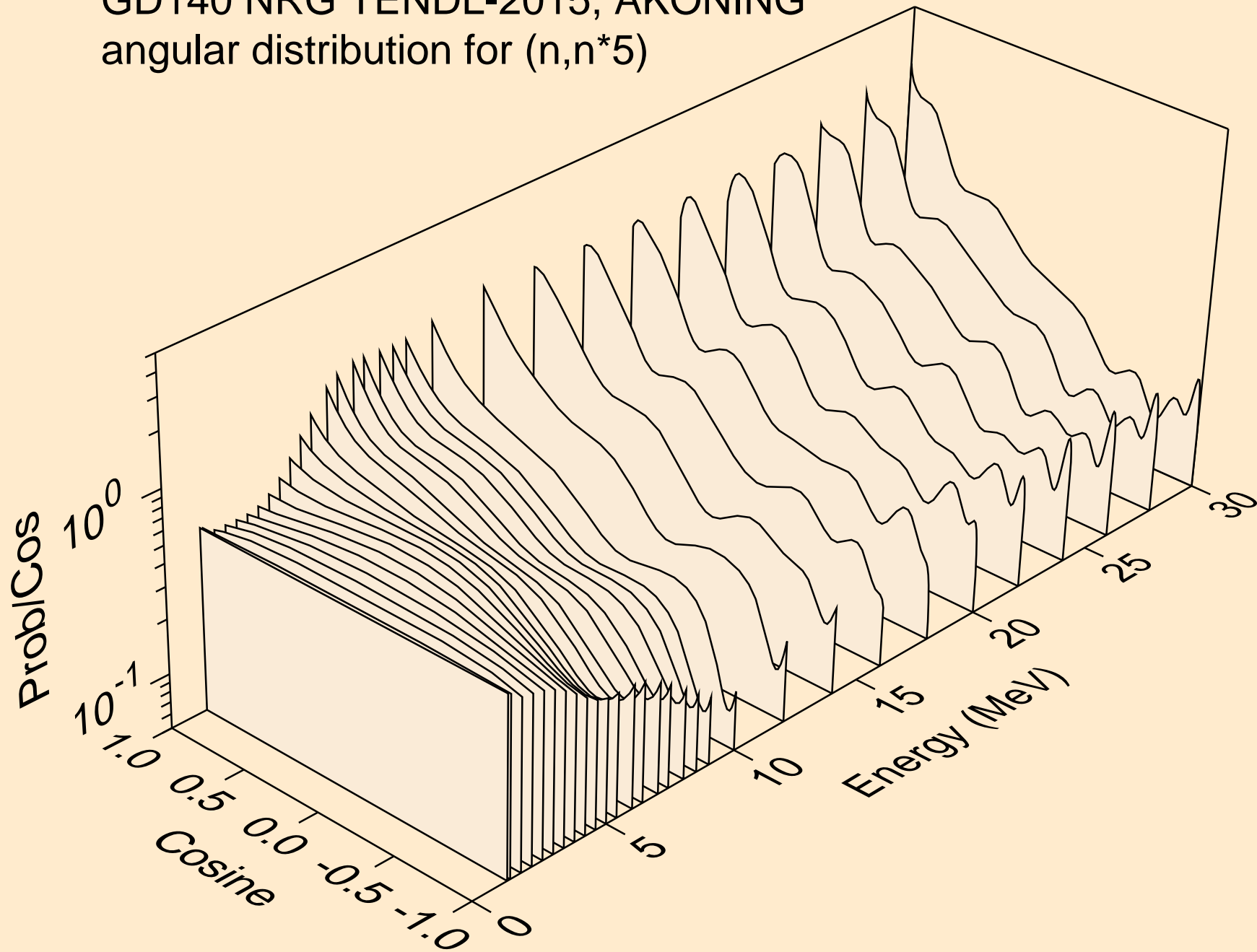
GD140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



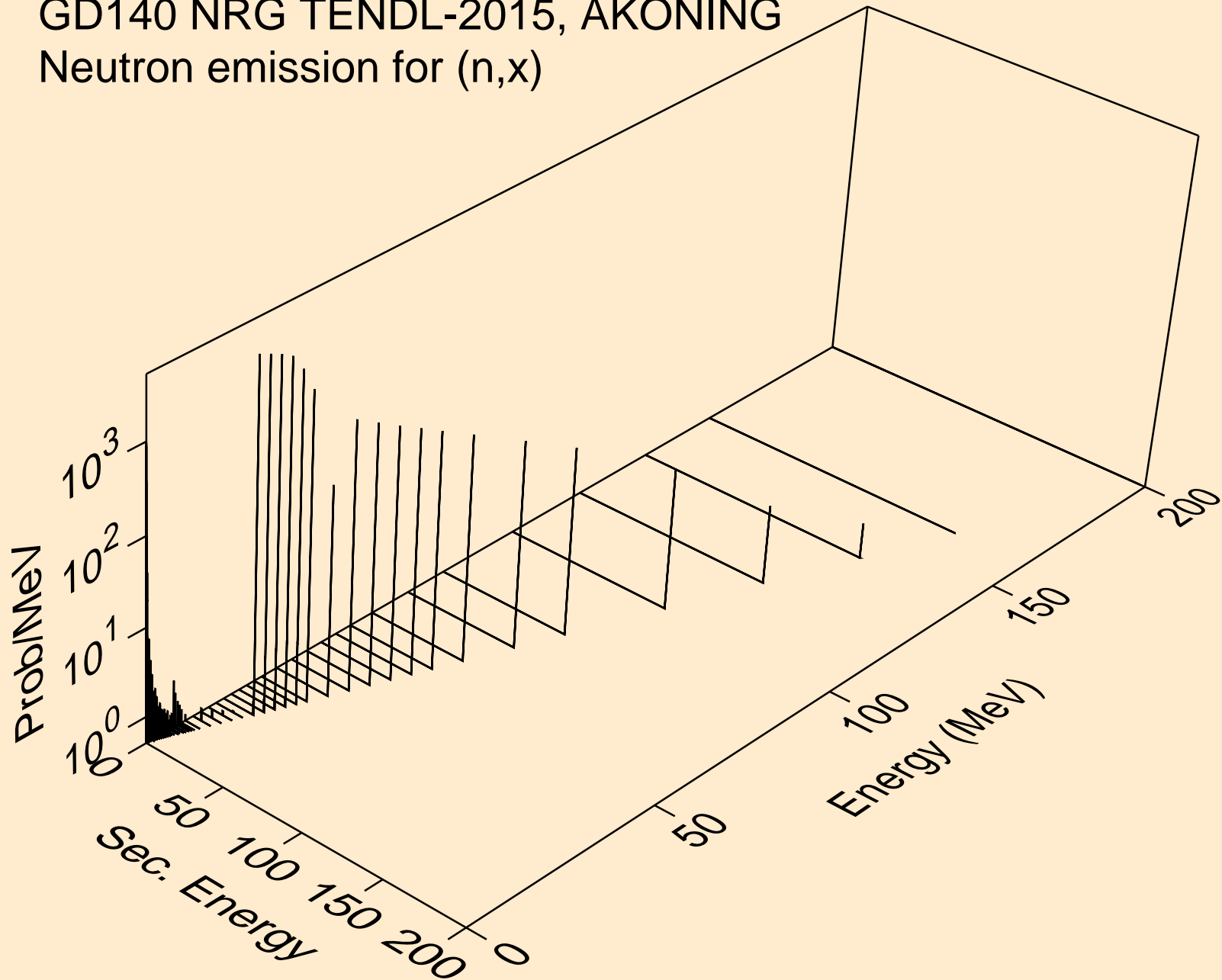
GD140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



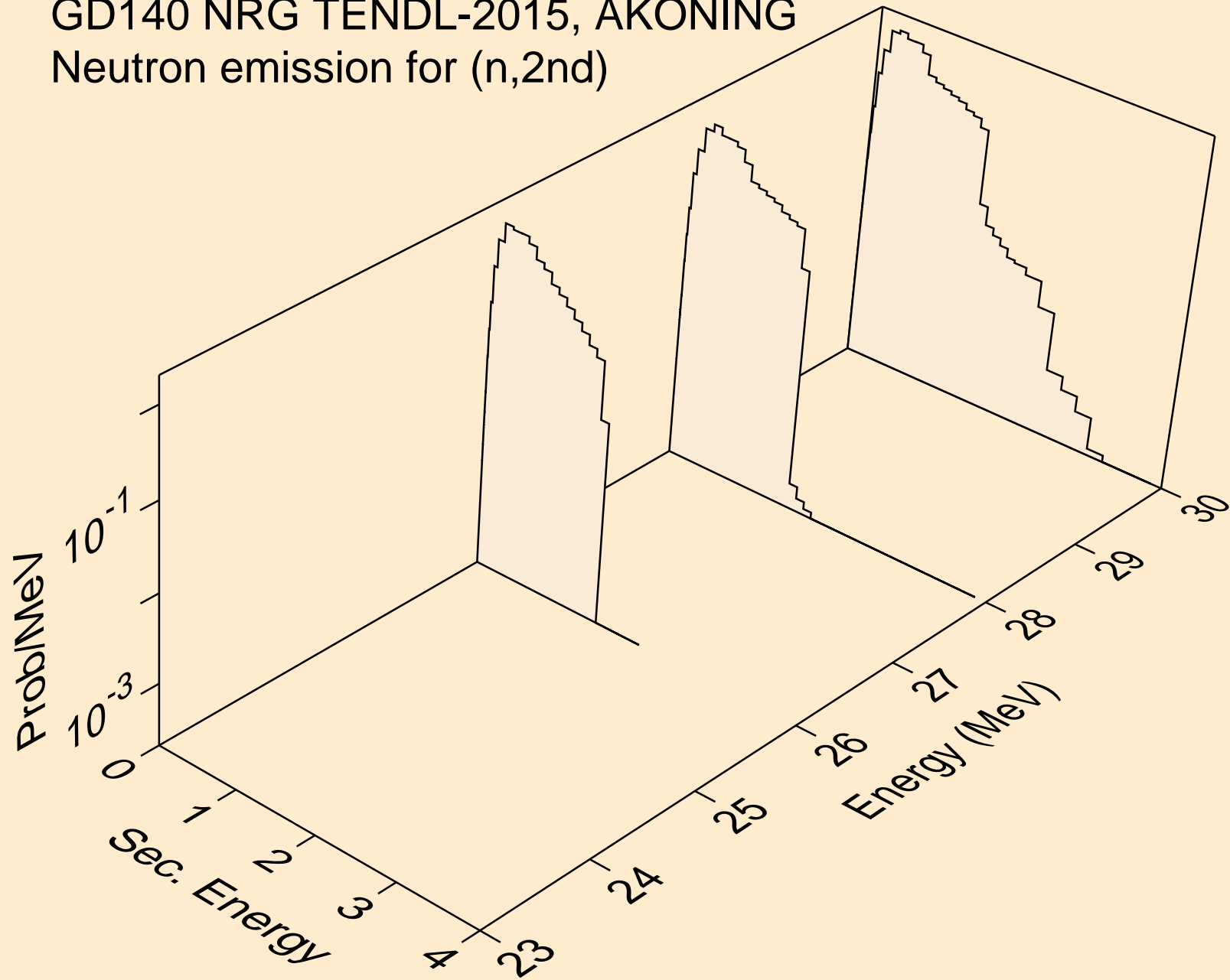
GD140 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



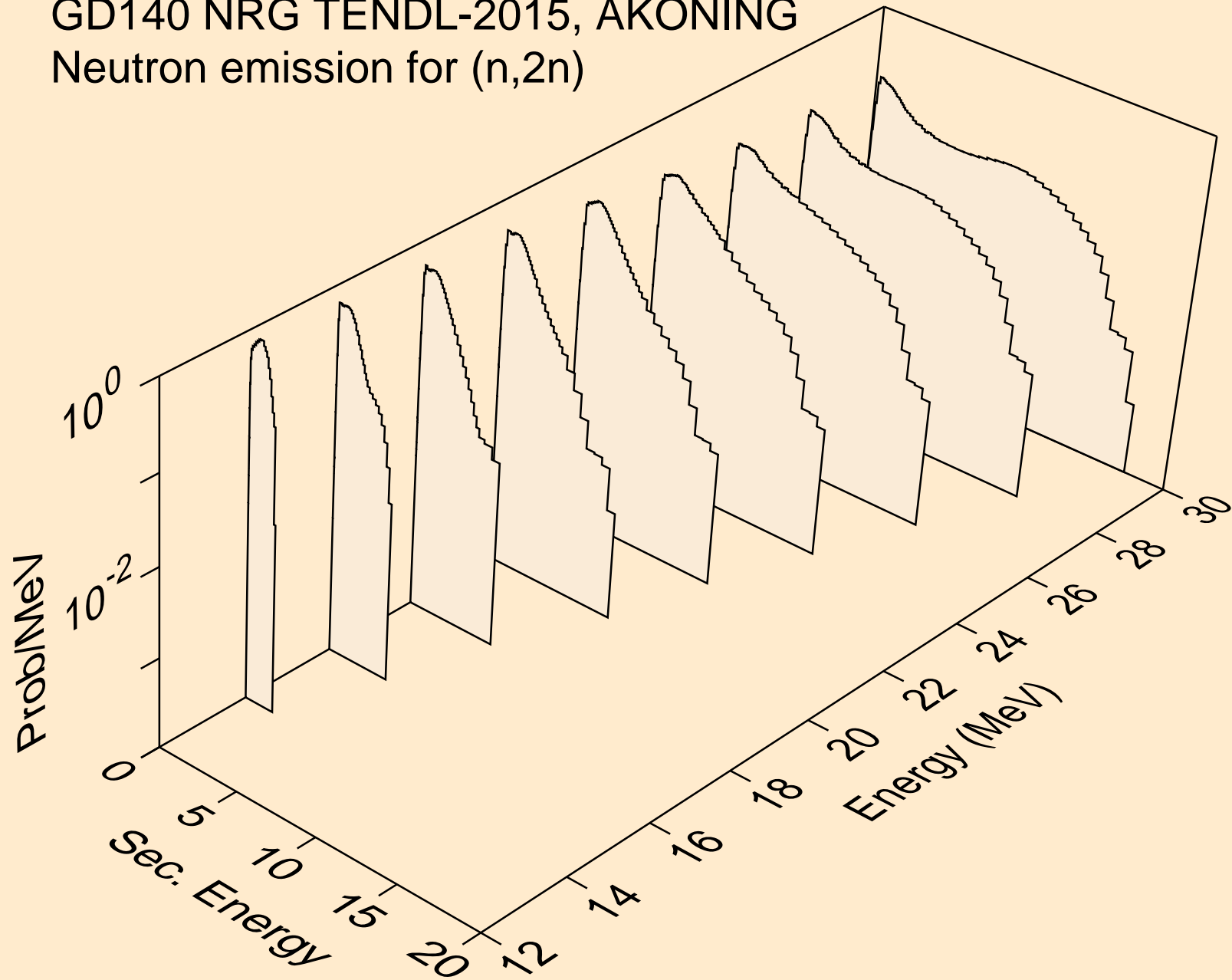
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



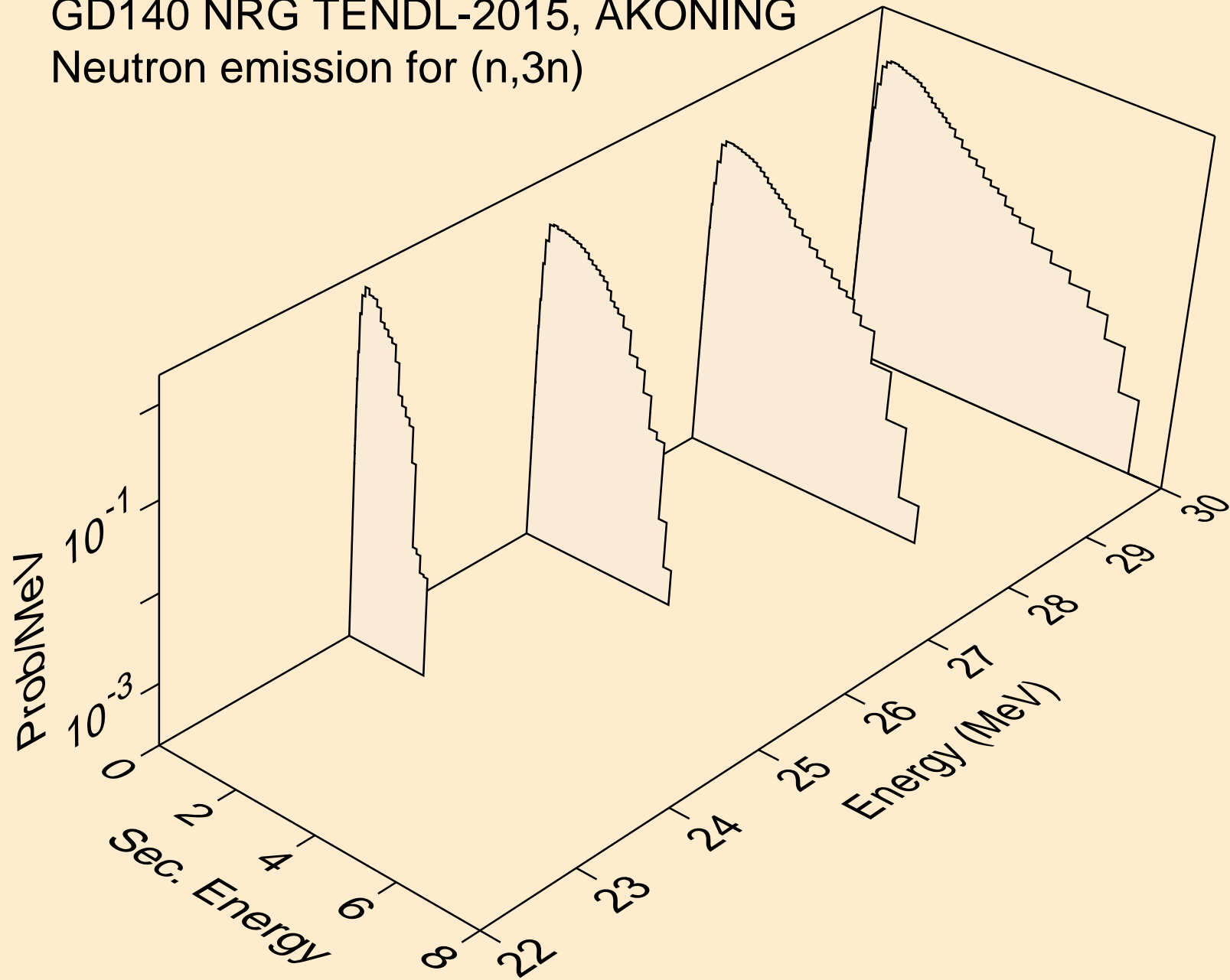
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

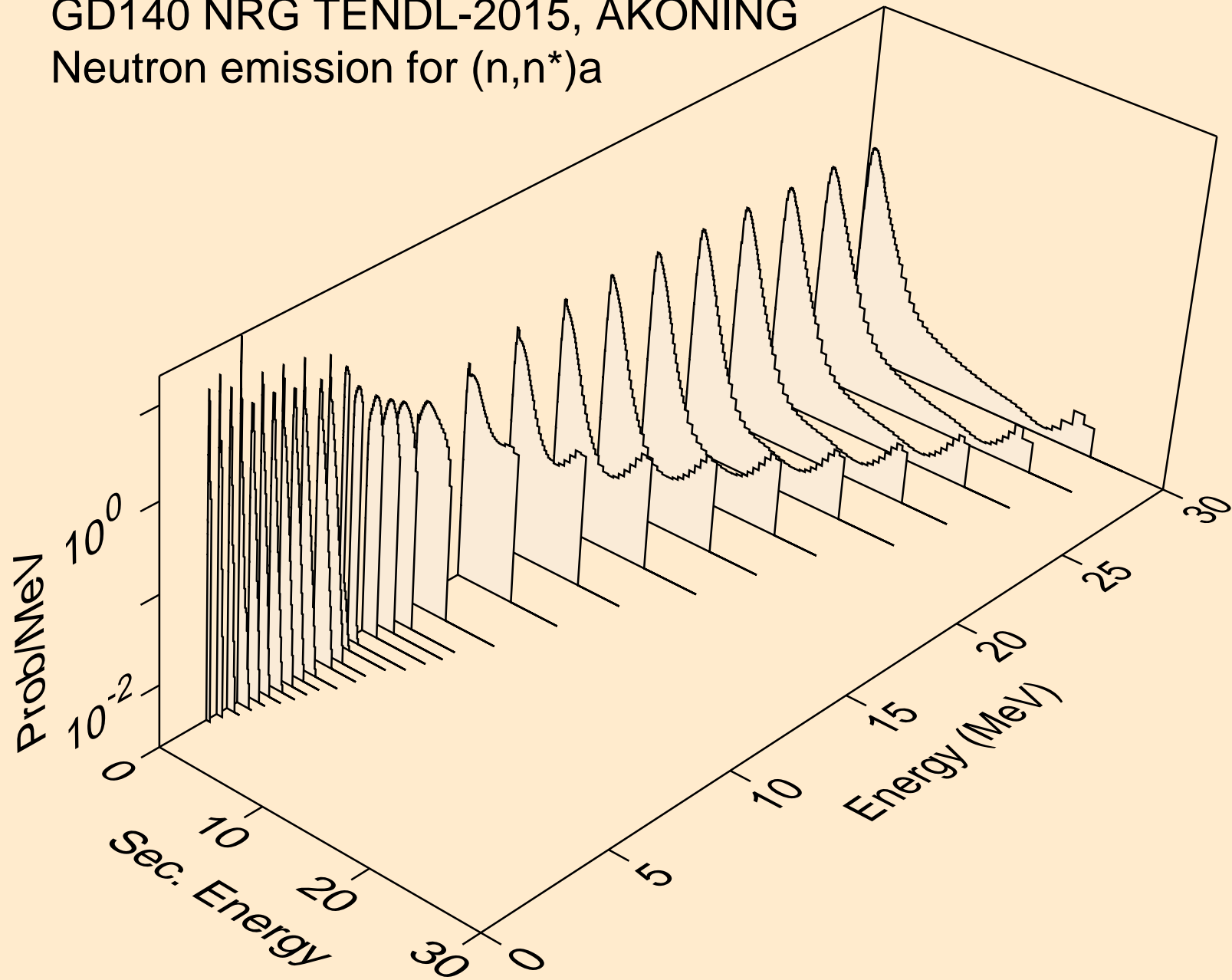


GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

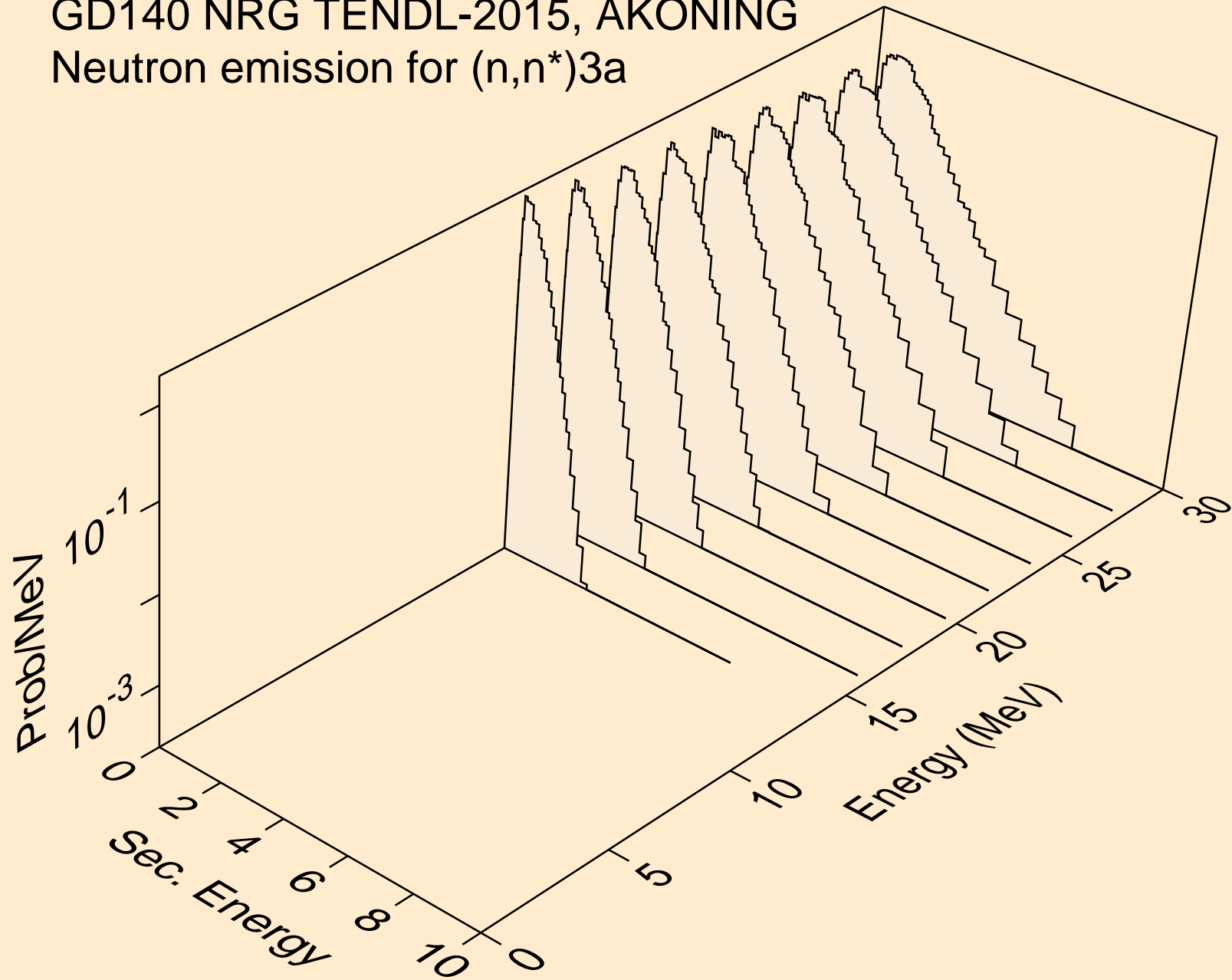




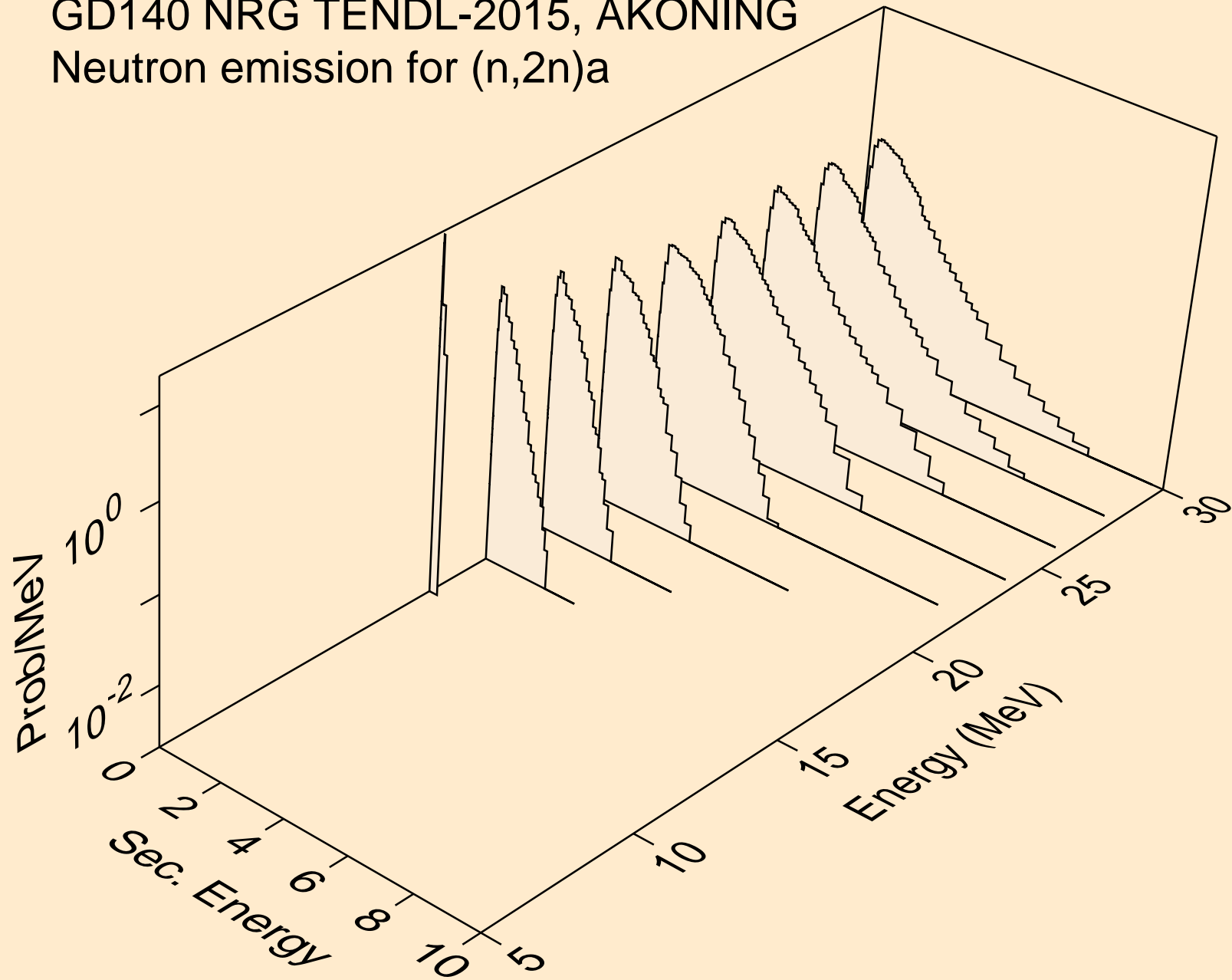
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



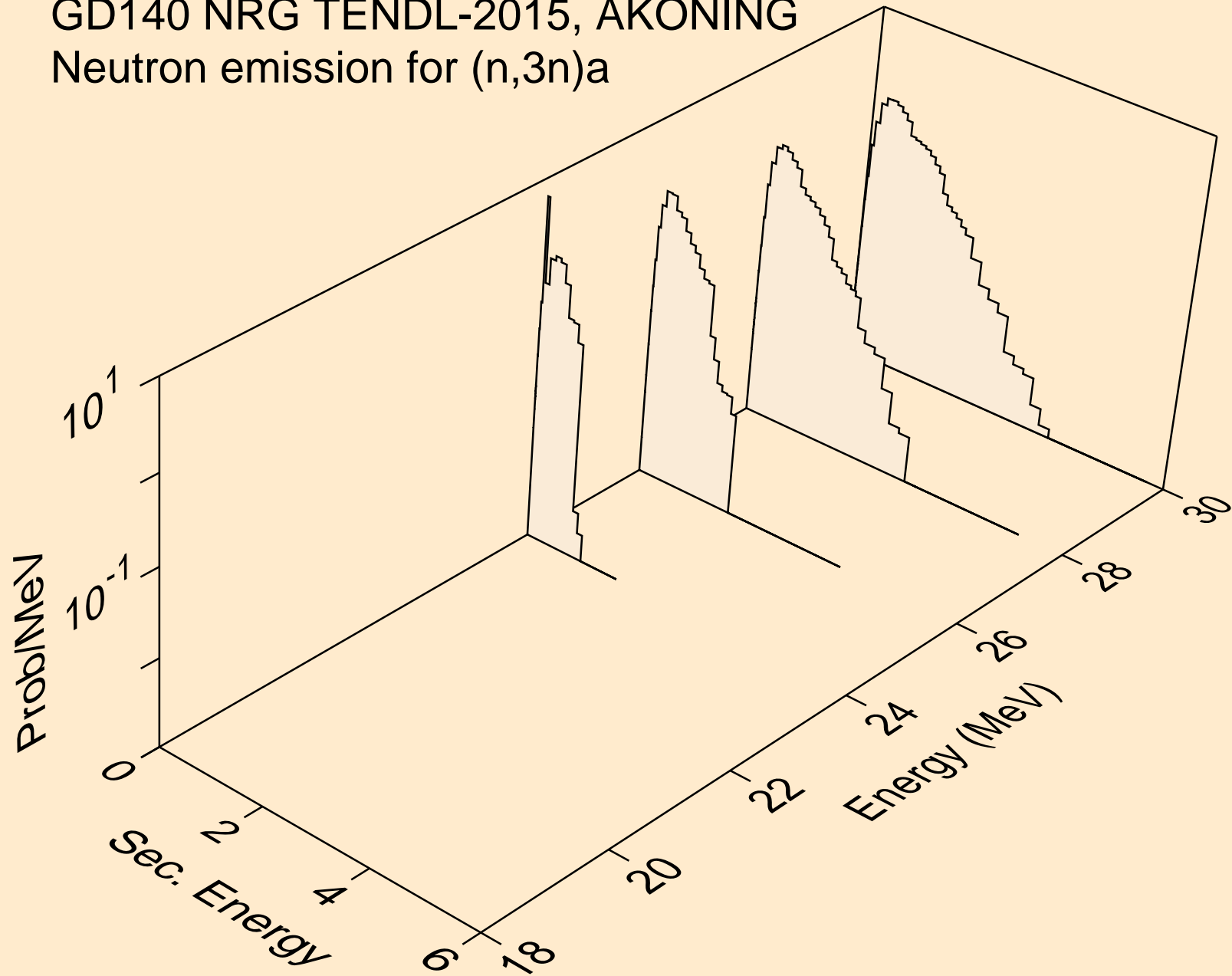
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



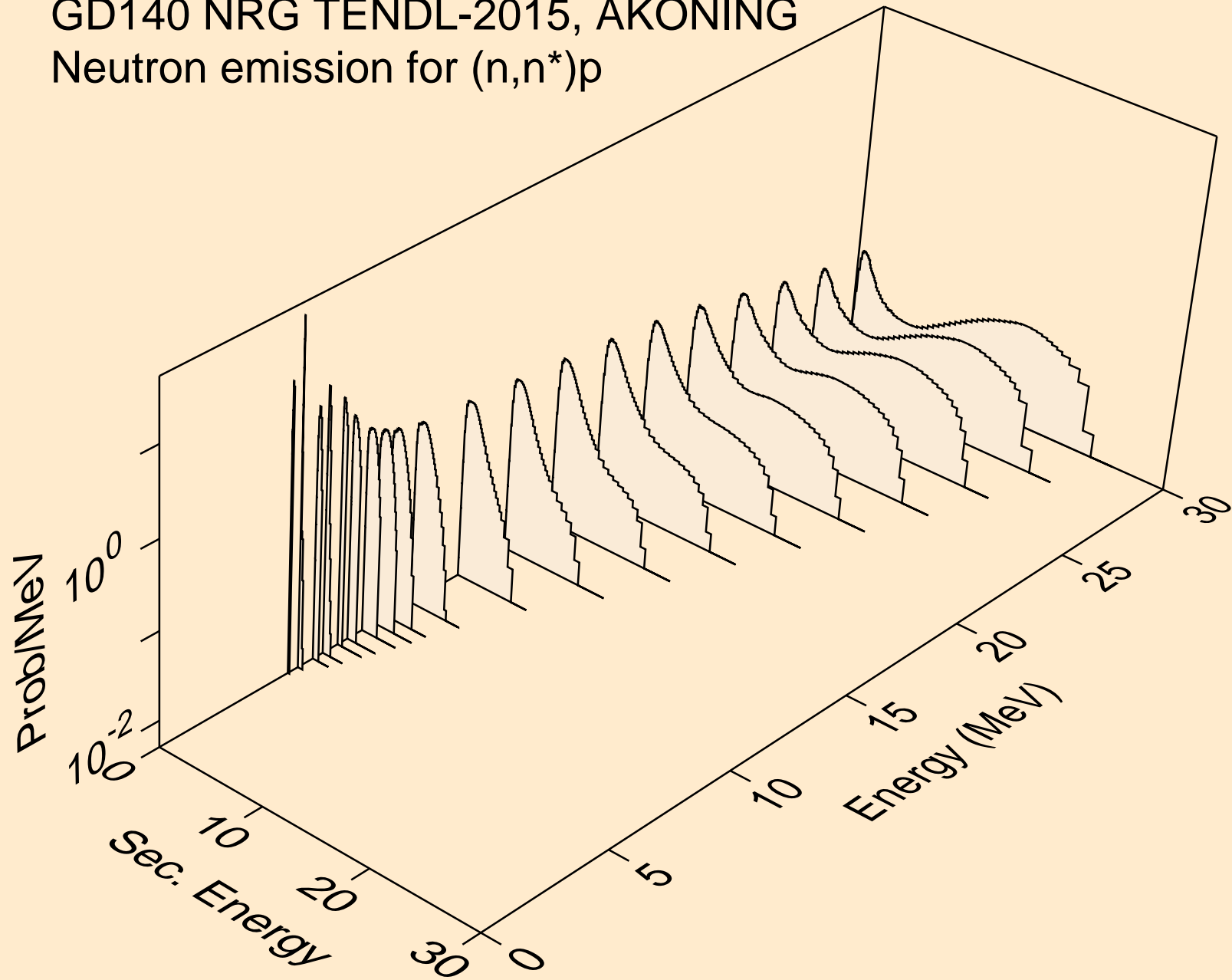
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



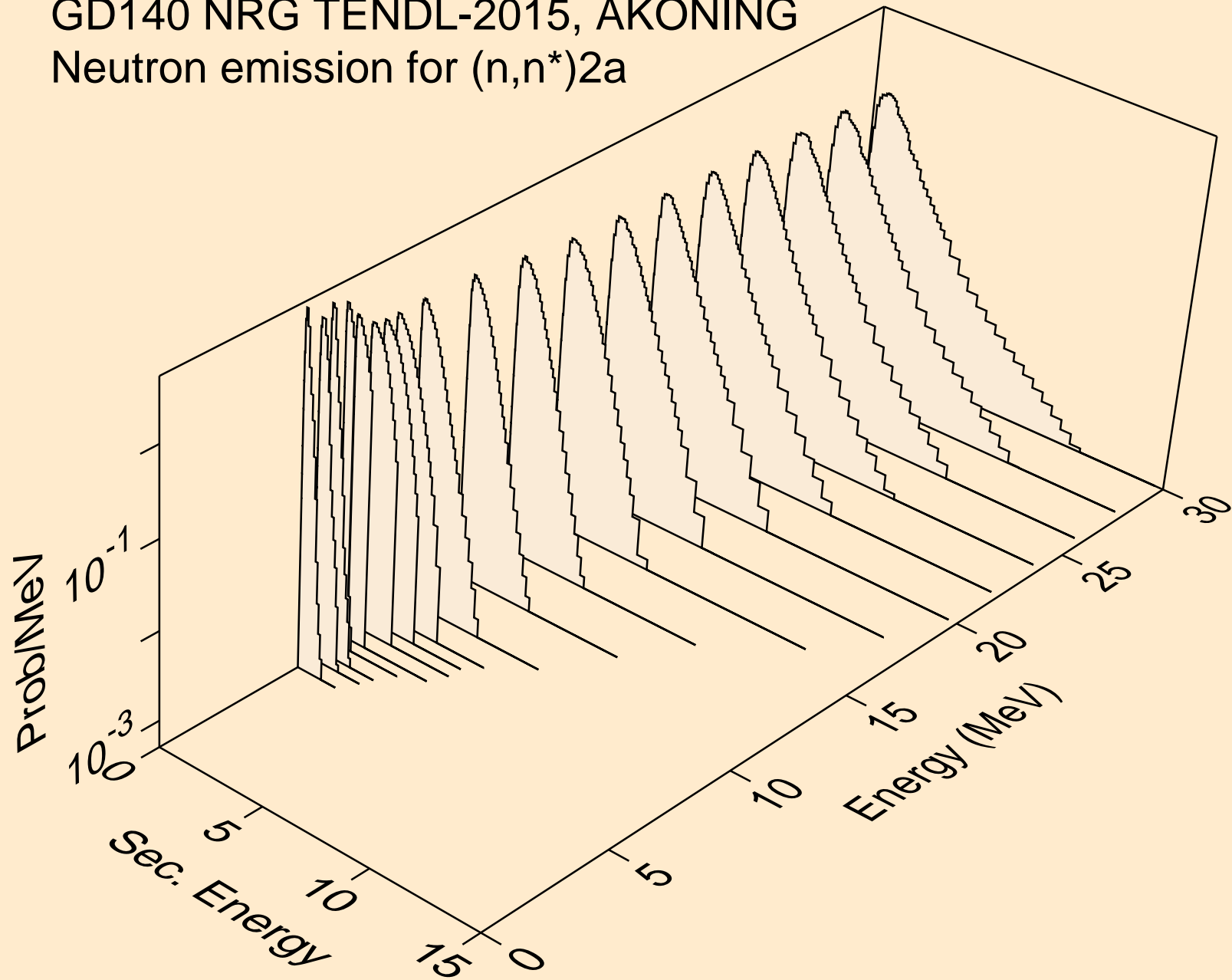
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



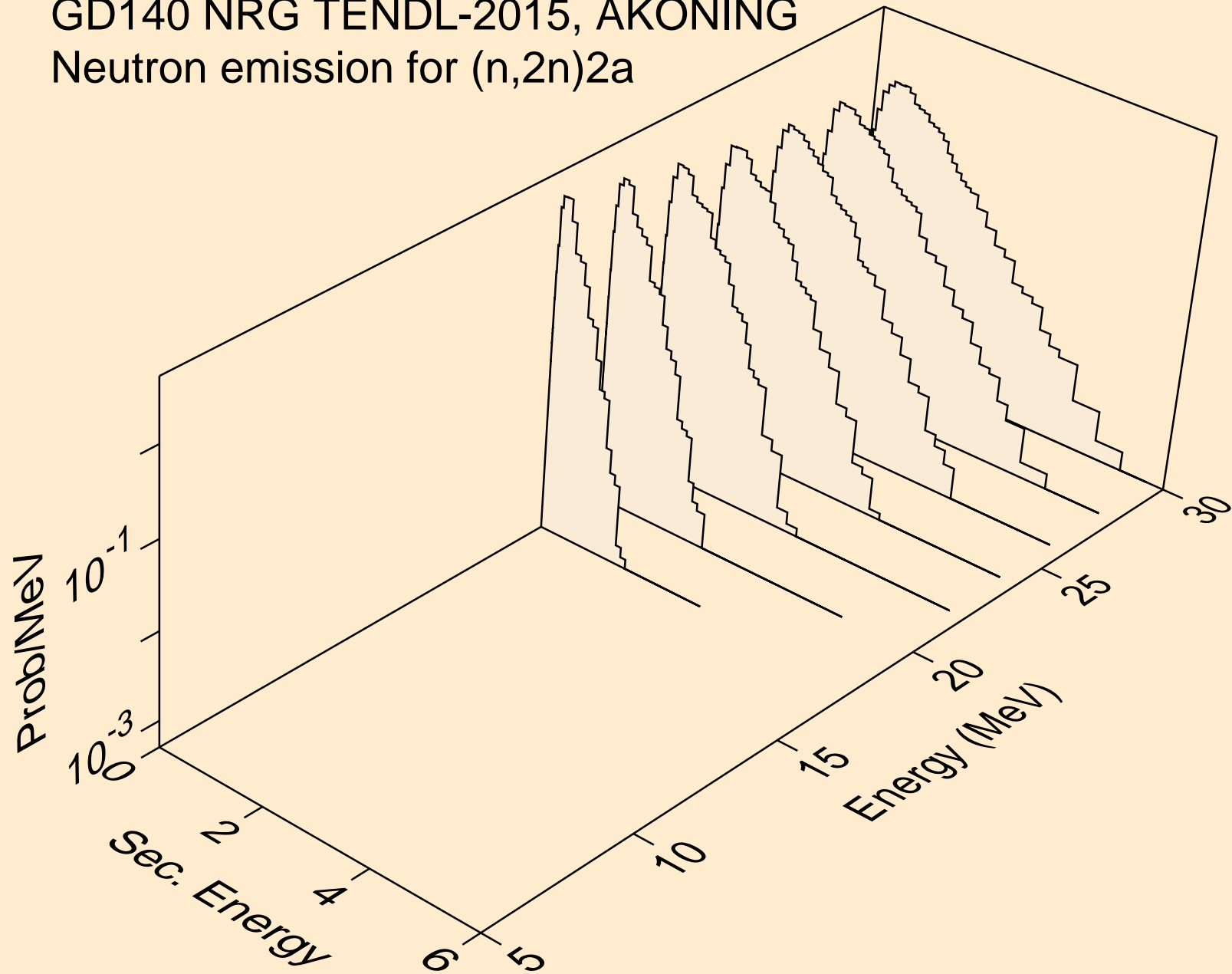
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



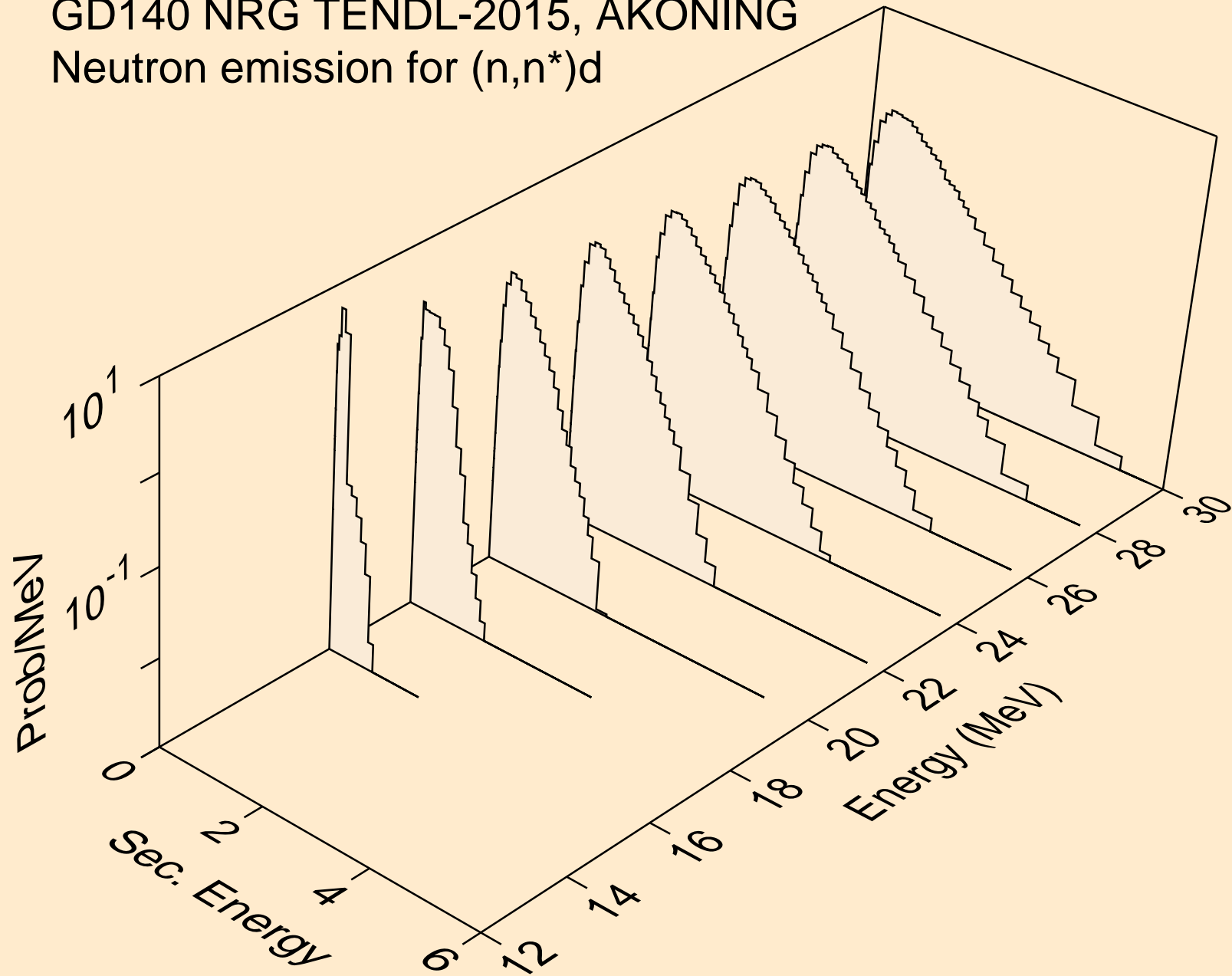
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

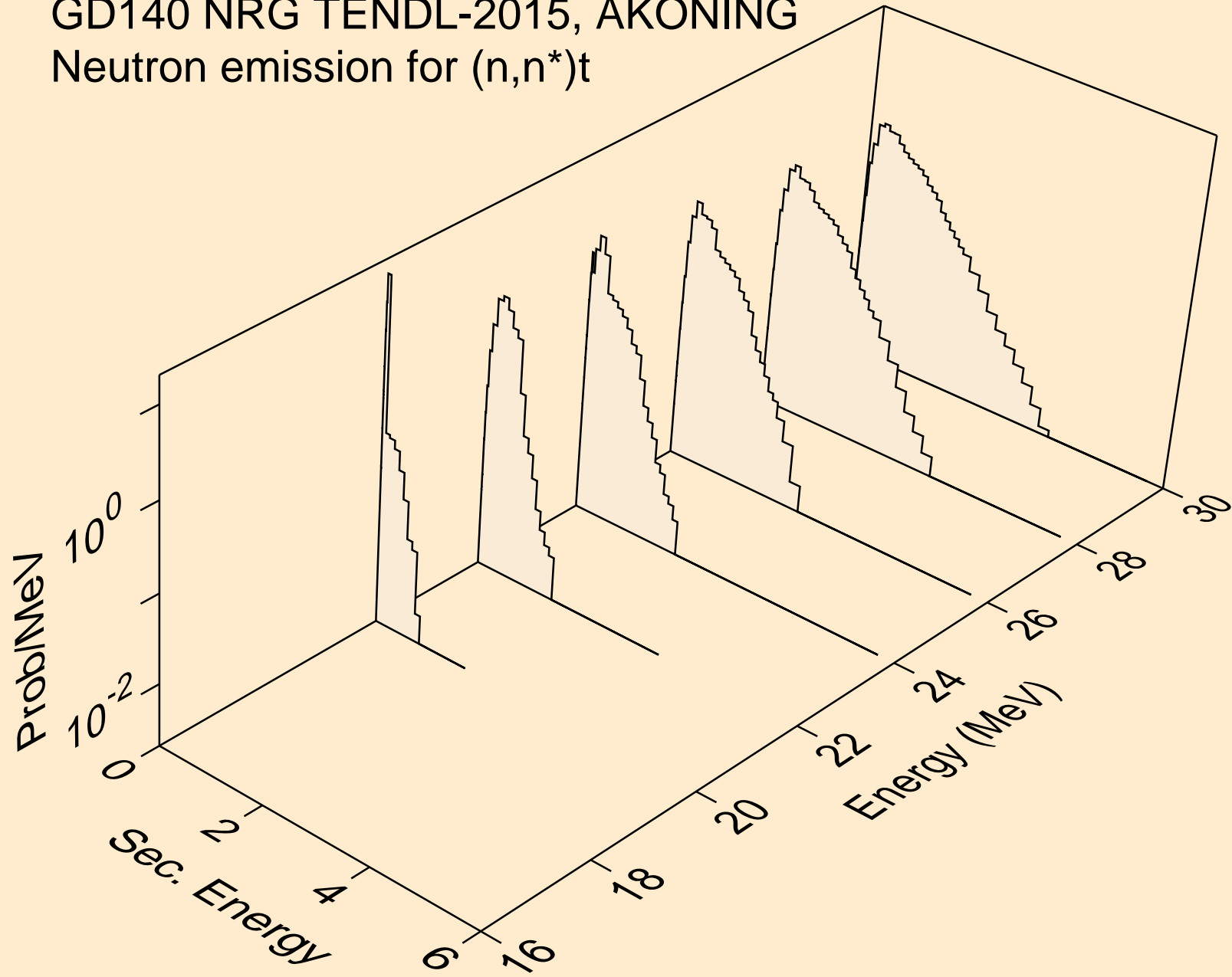


GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

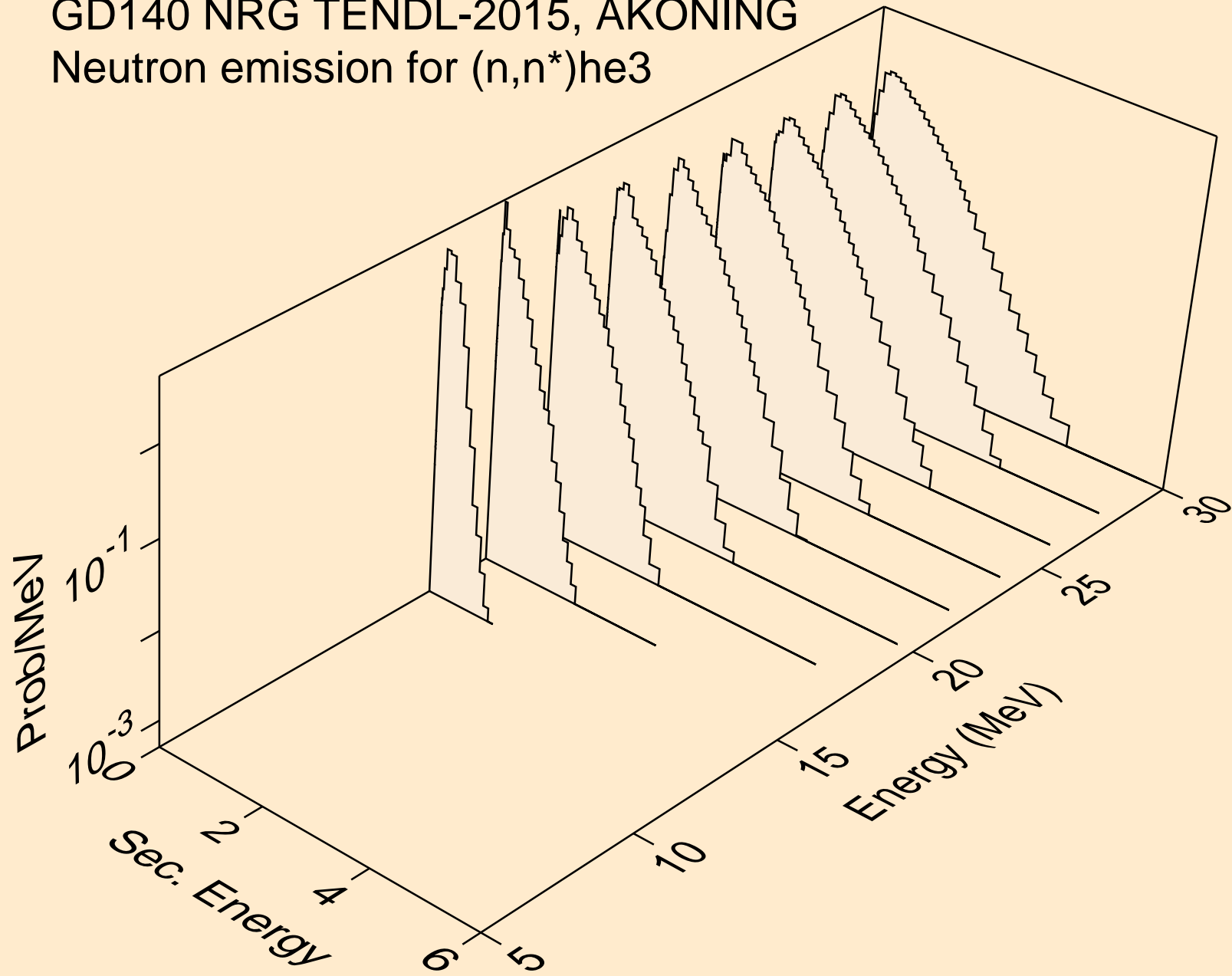




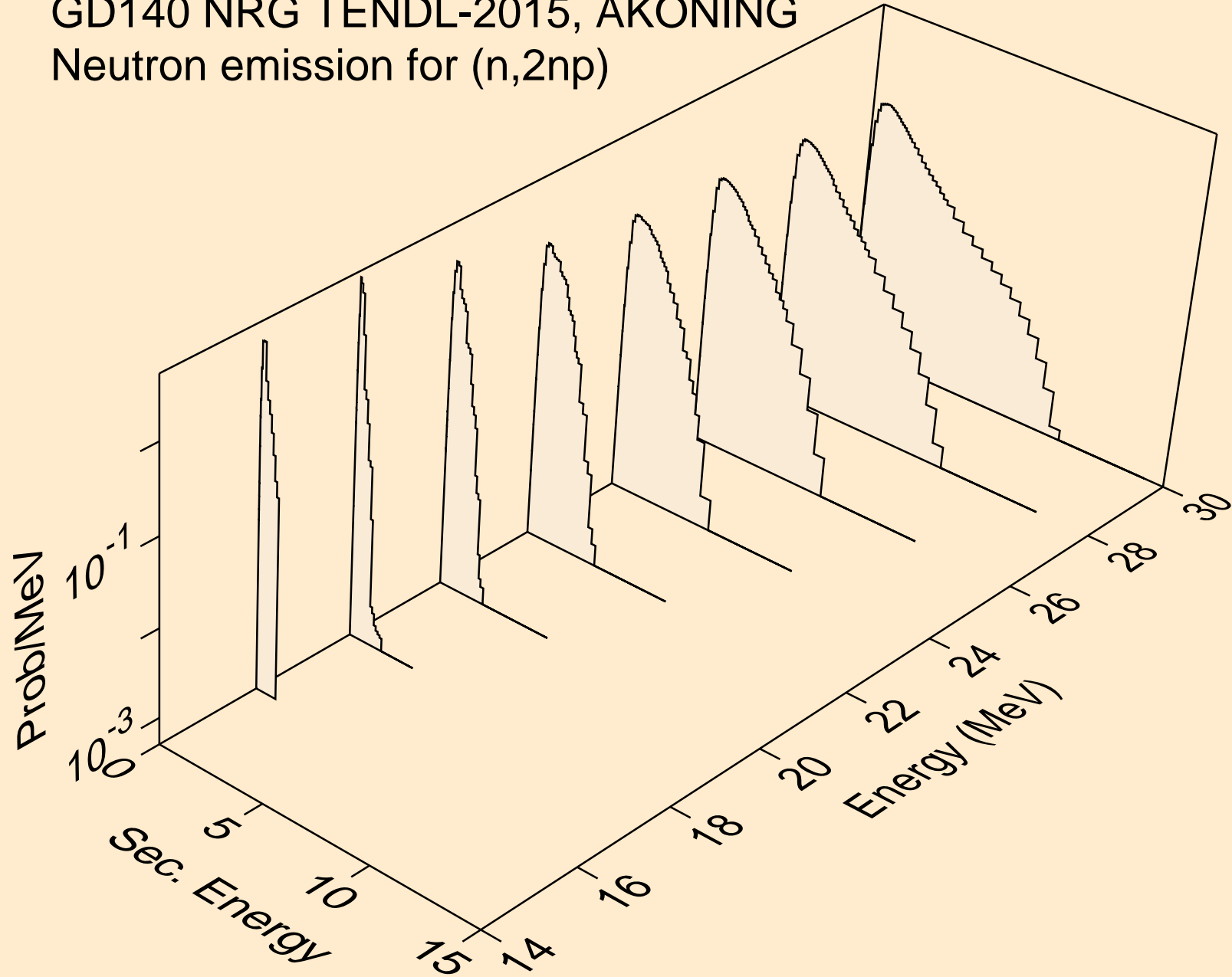
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



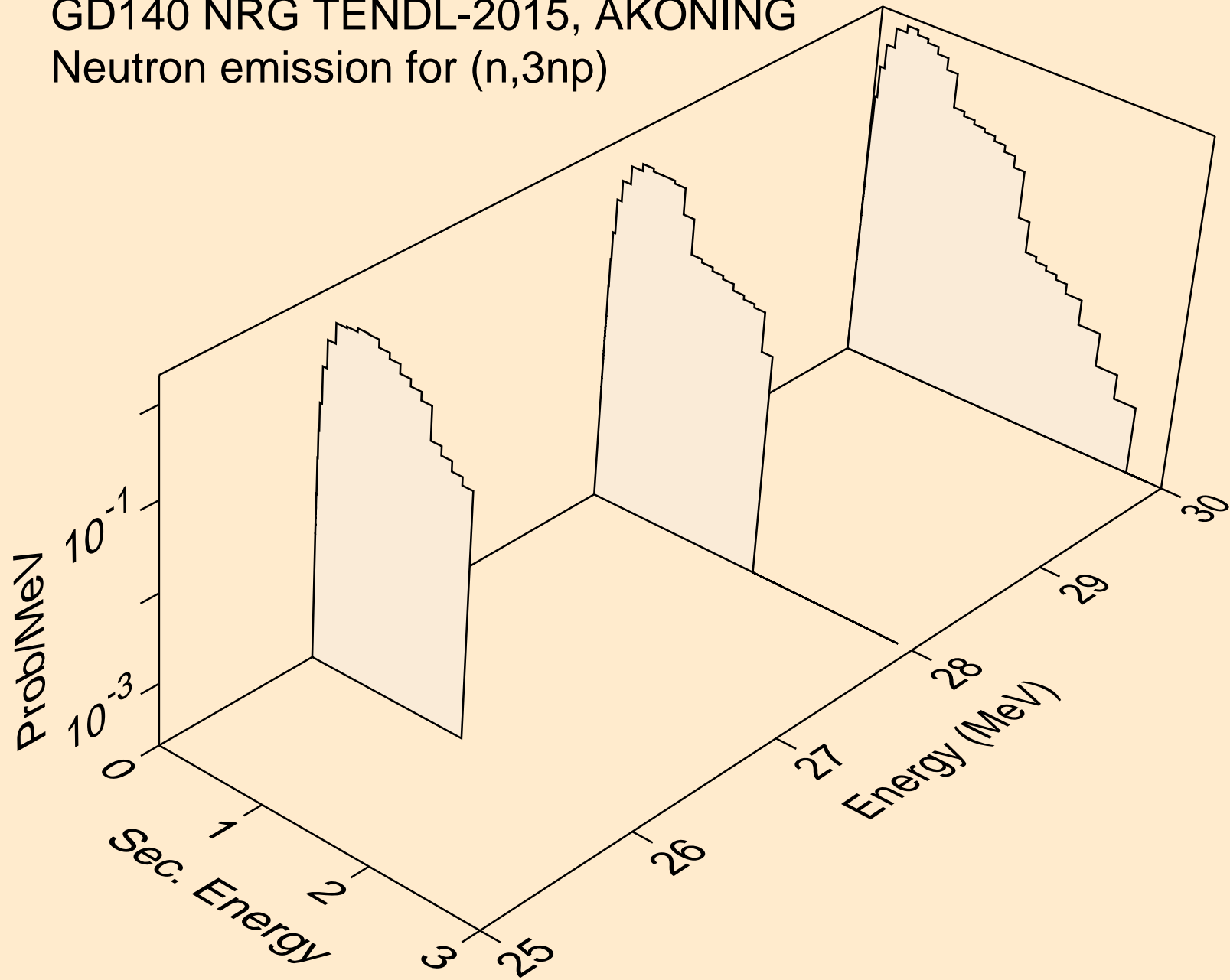
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



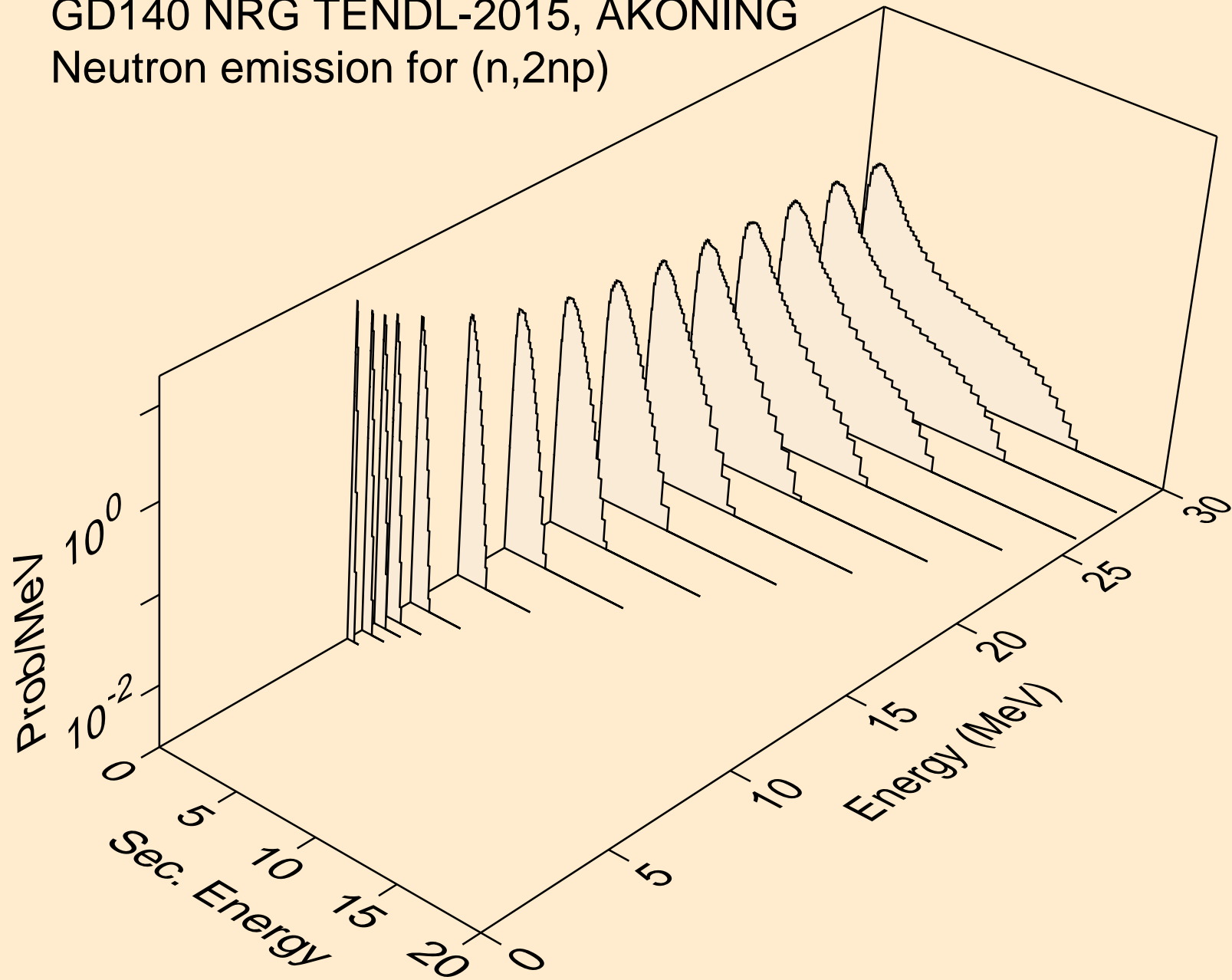
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



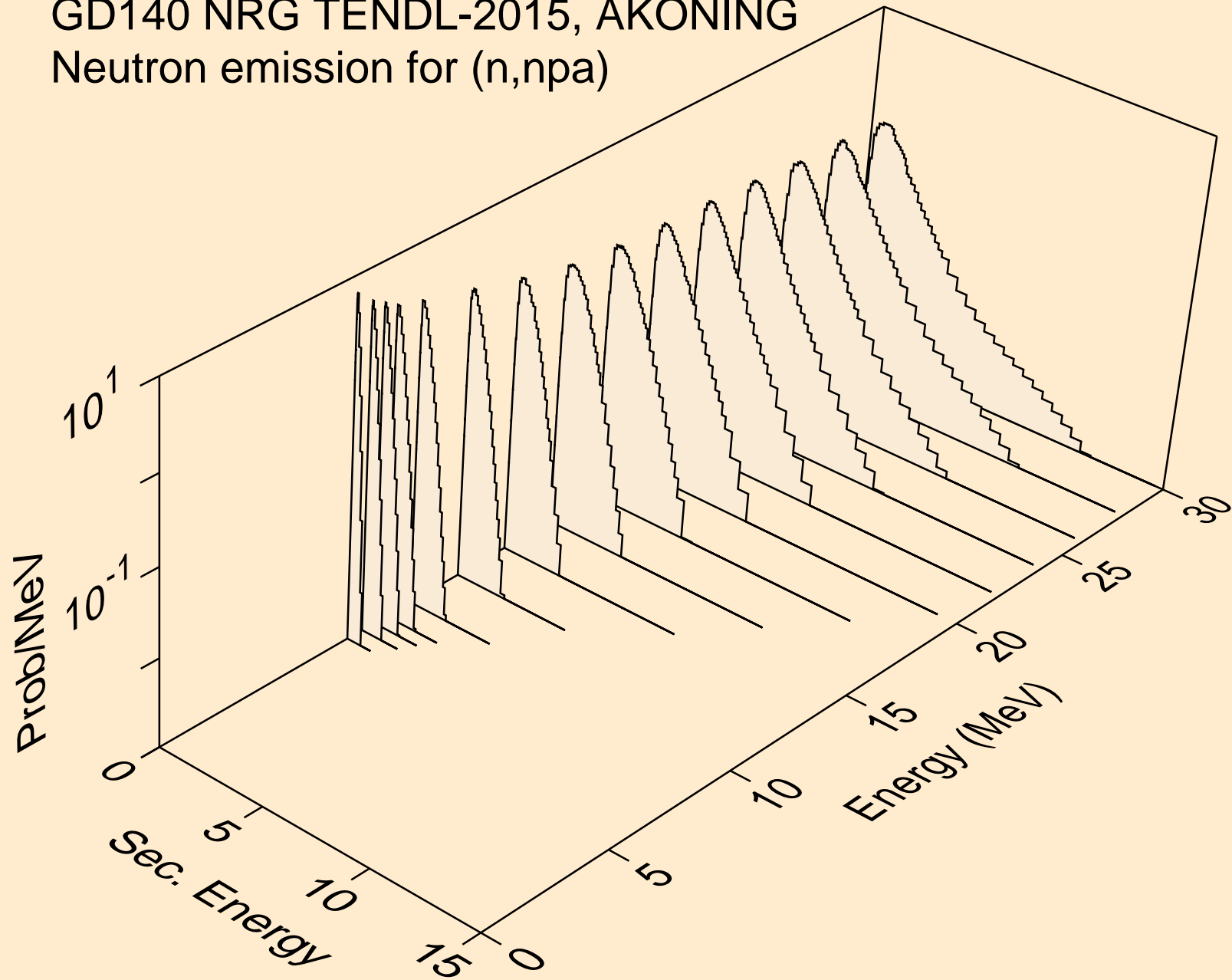
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



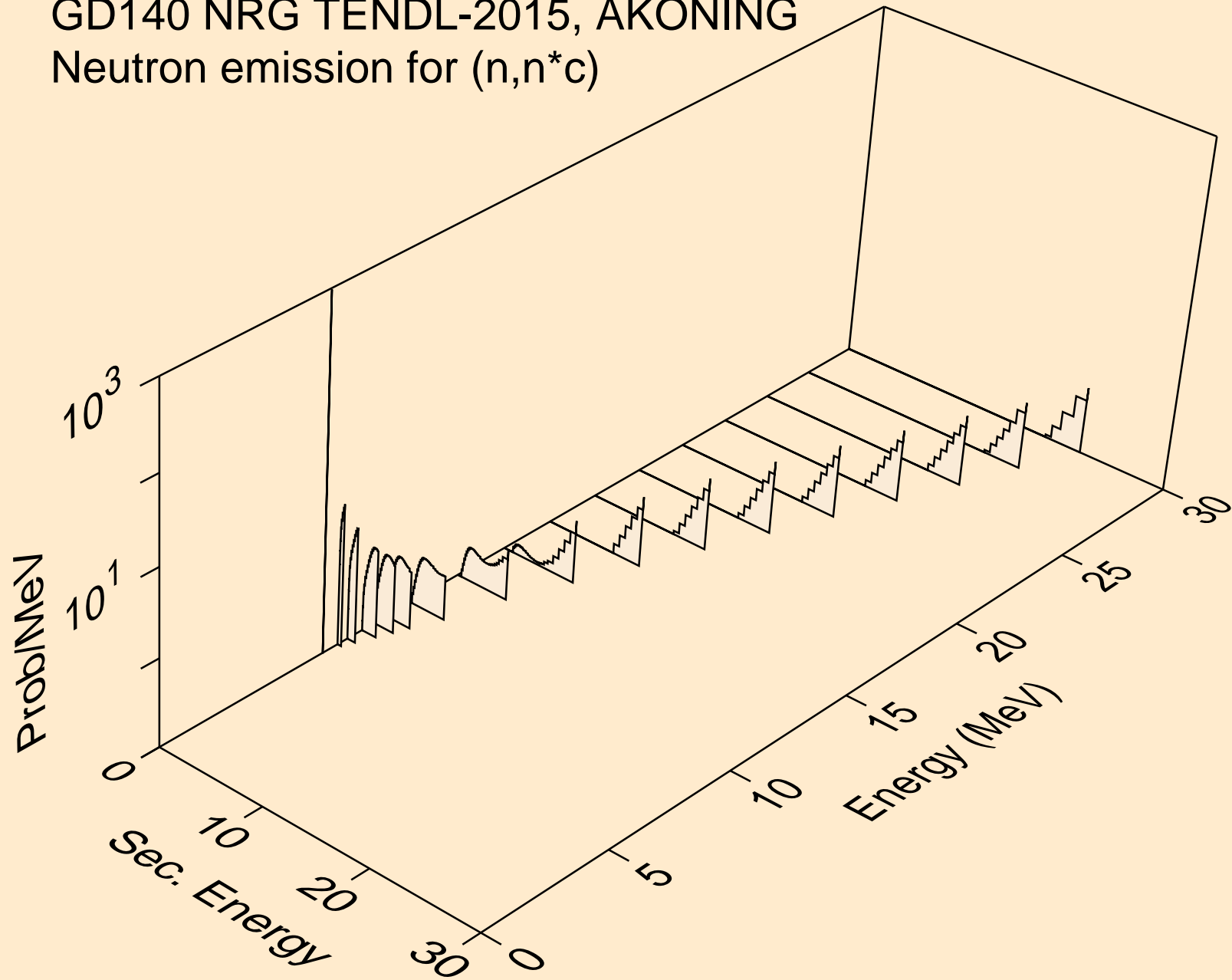
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



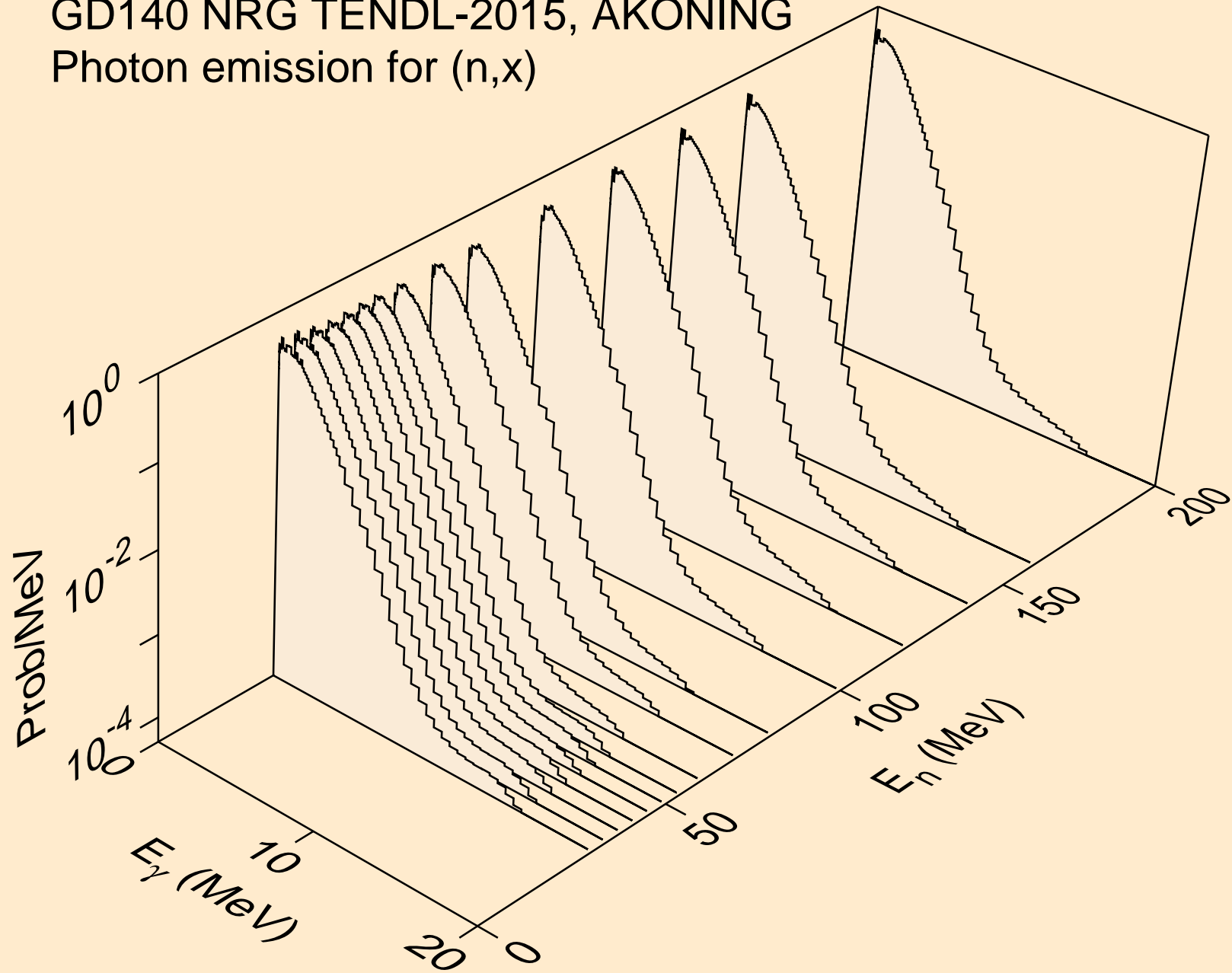
GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



GD140 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

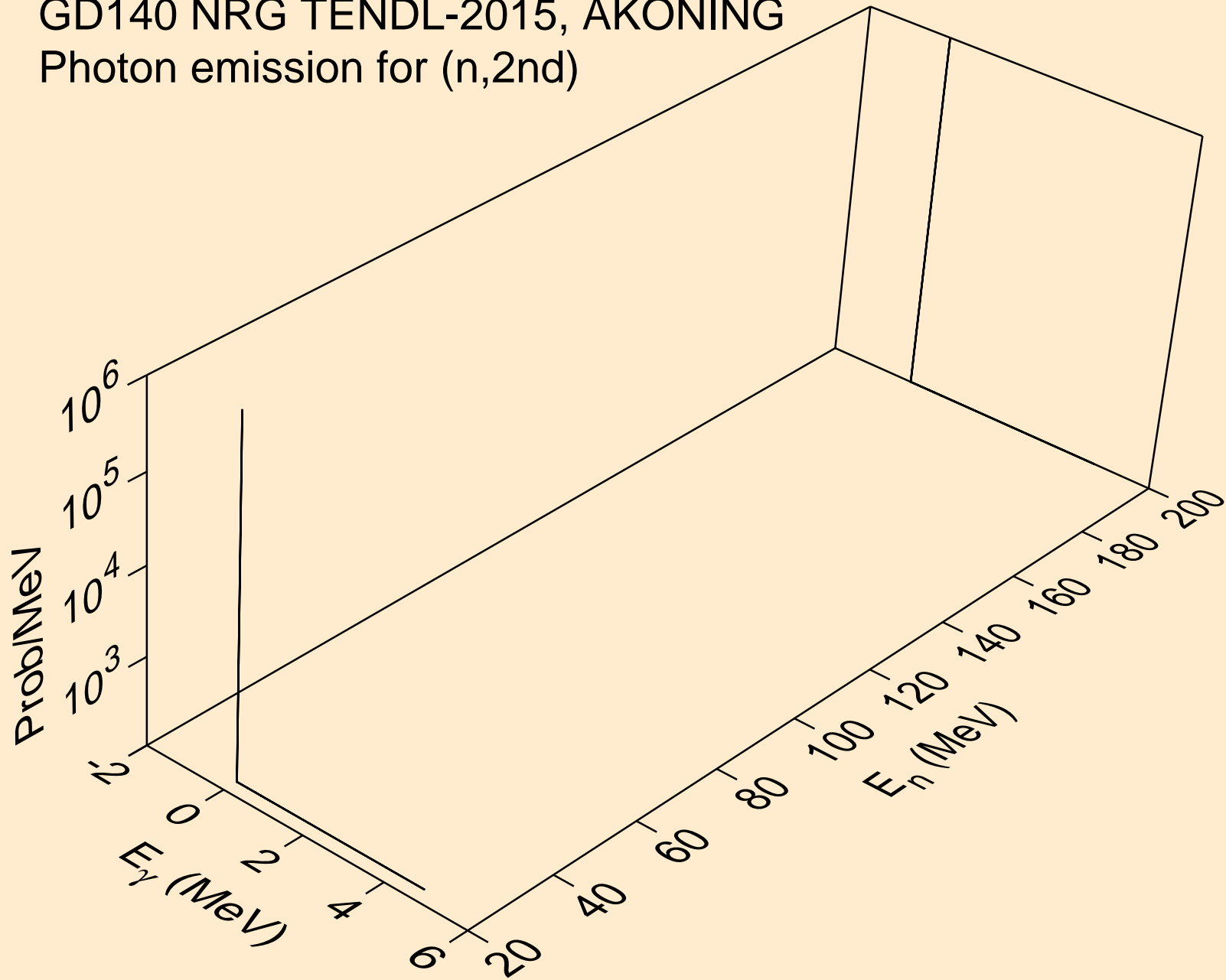


GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

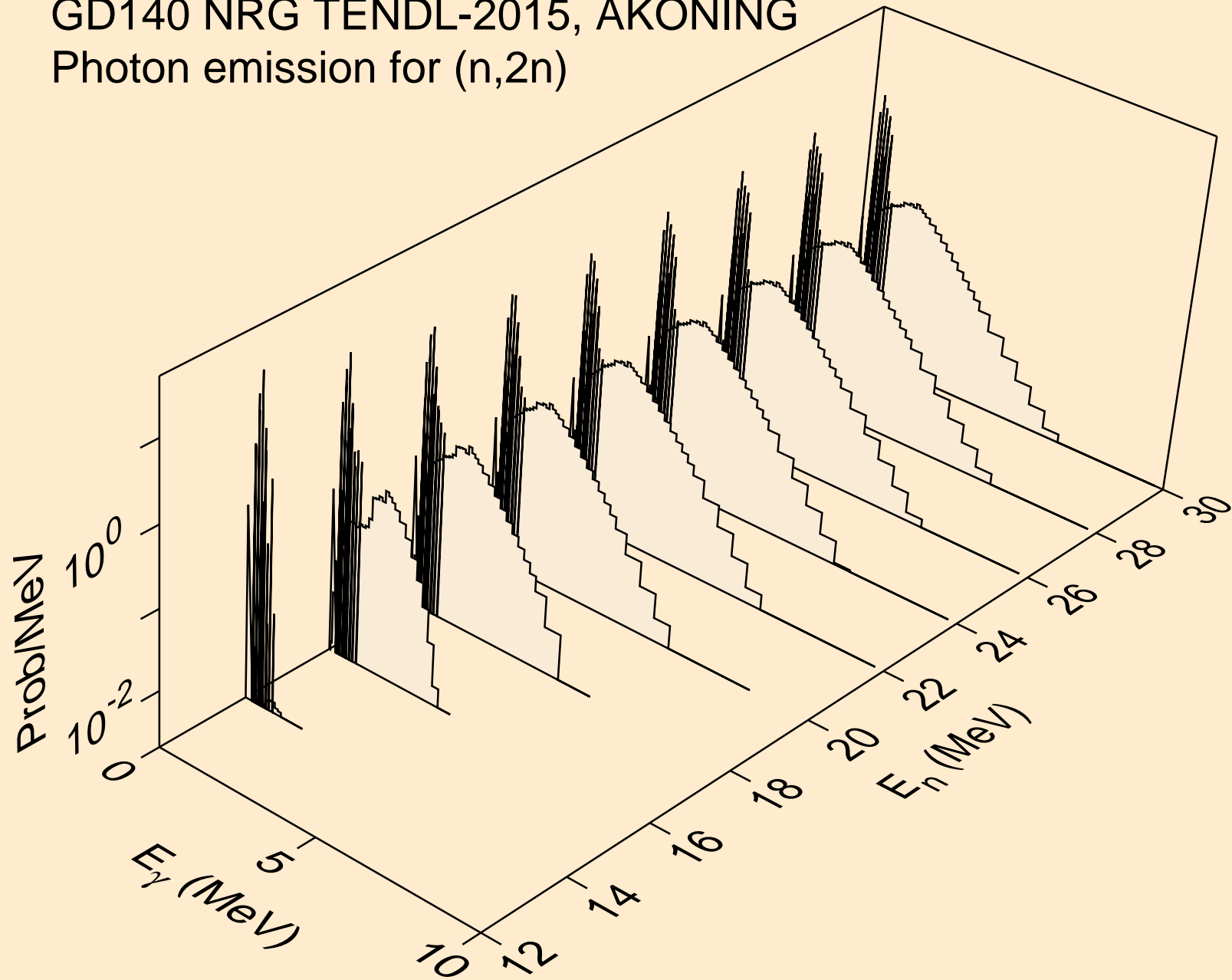




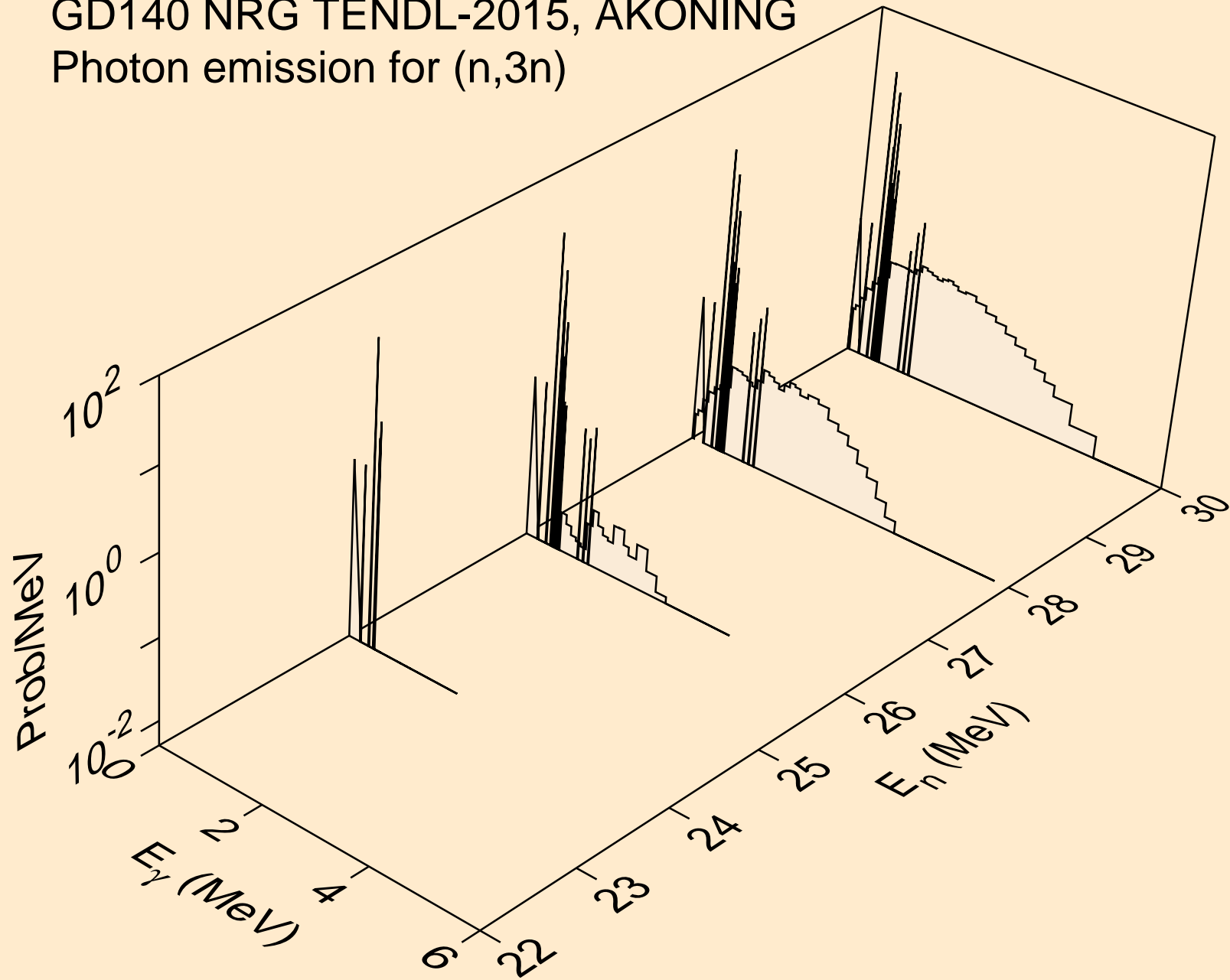
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



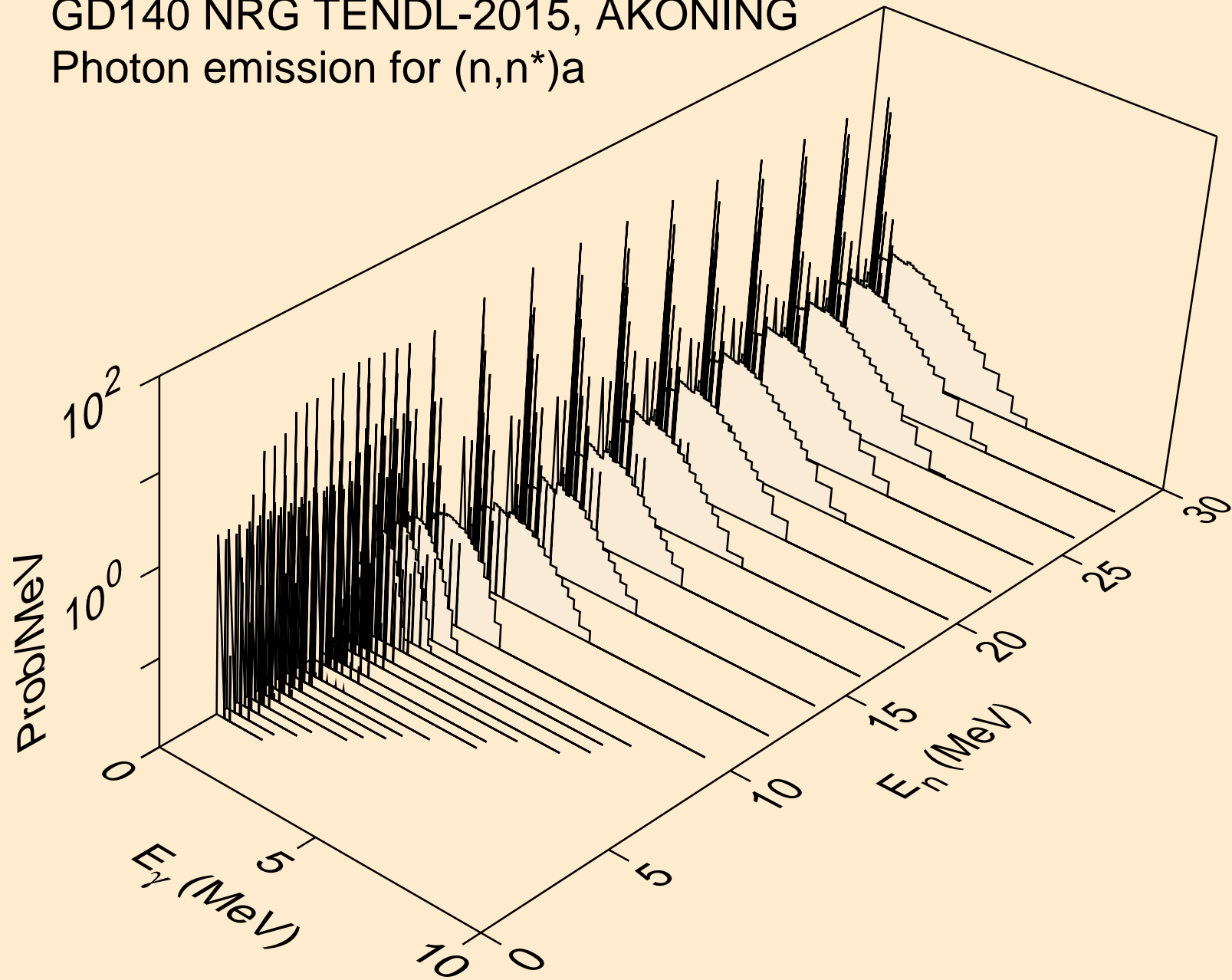
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



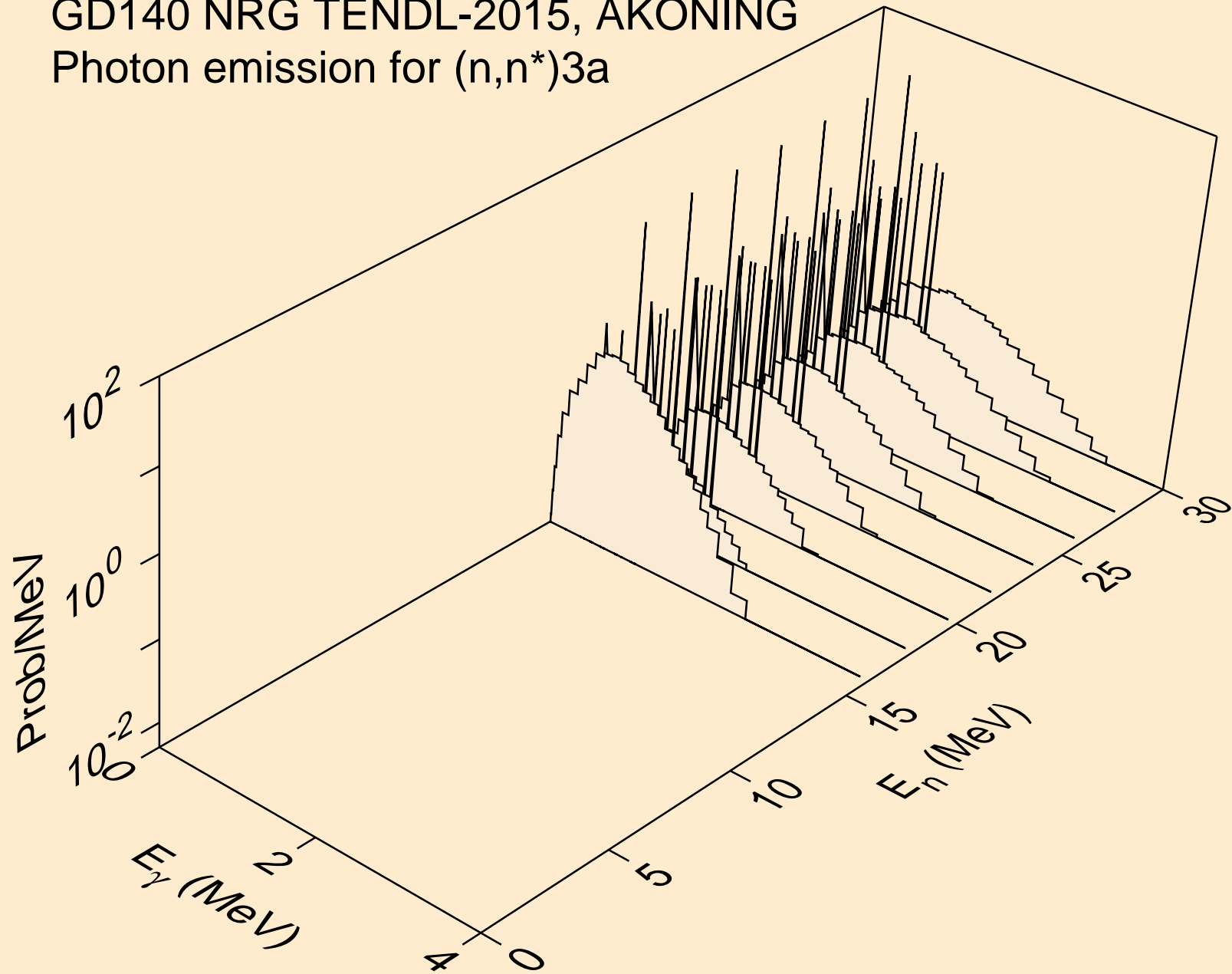
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



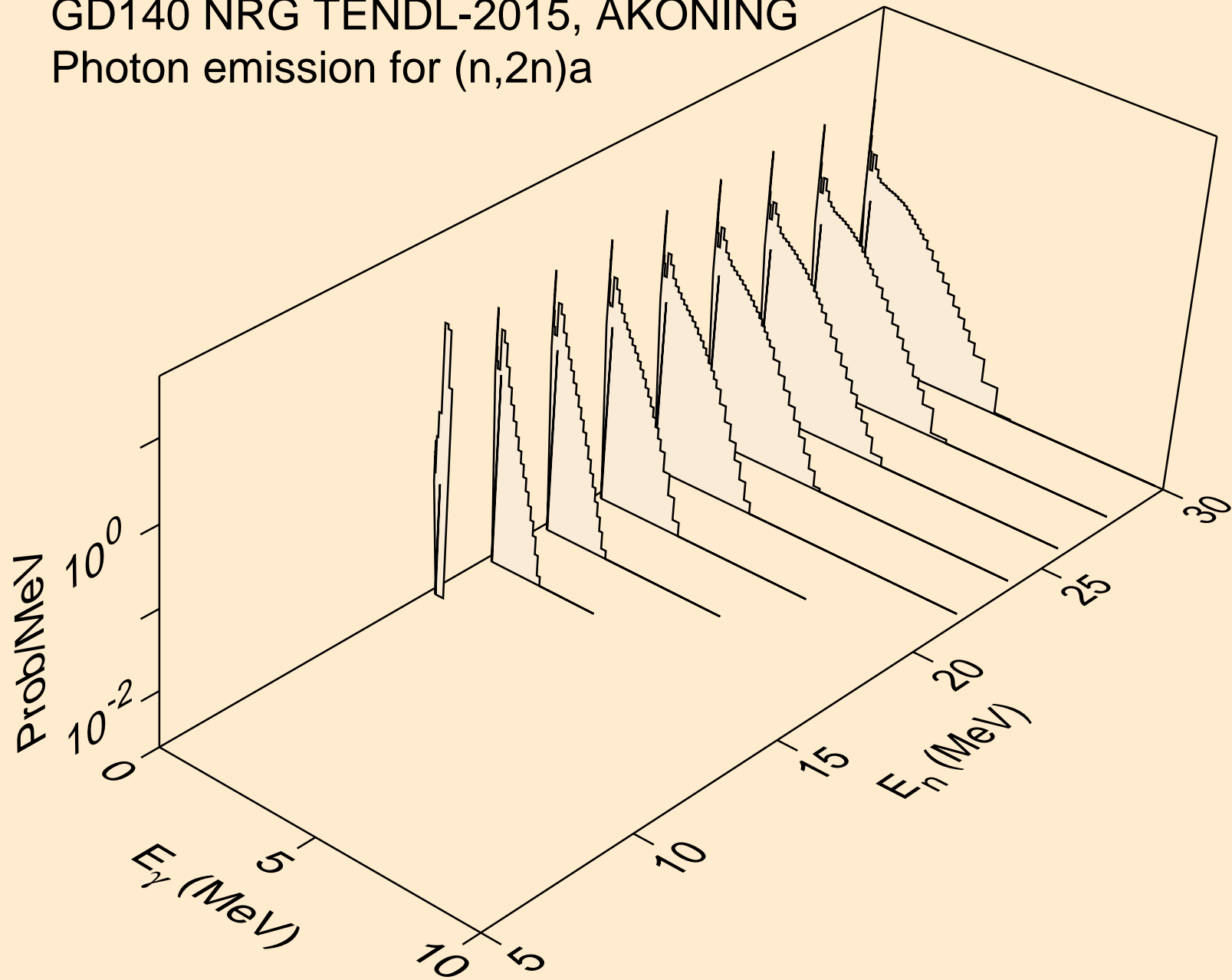
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



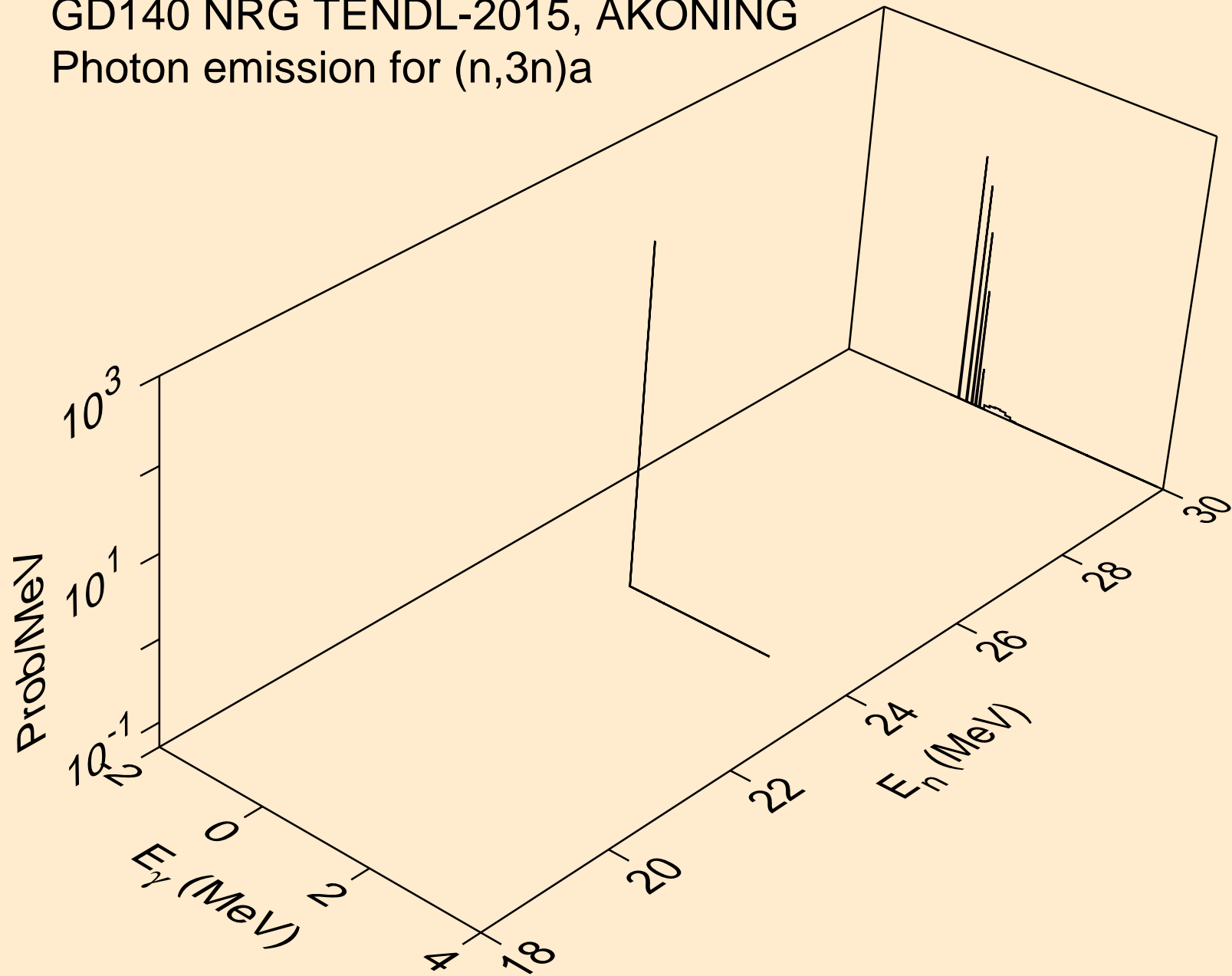
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



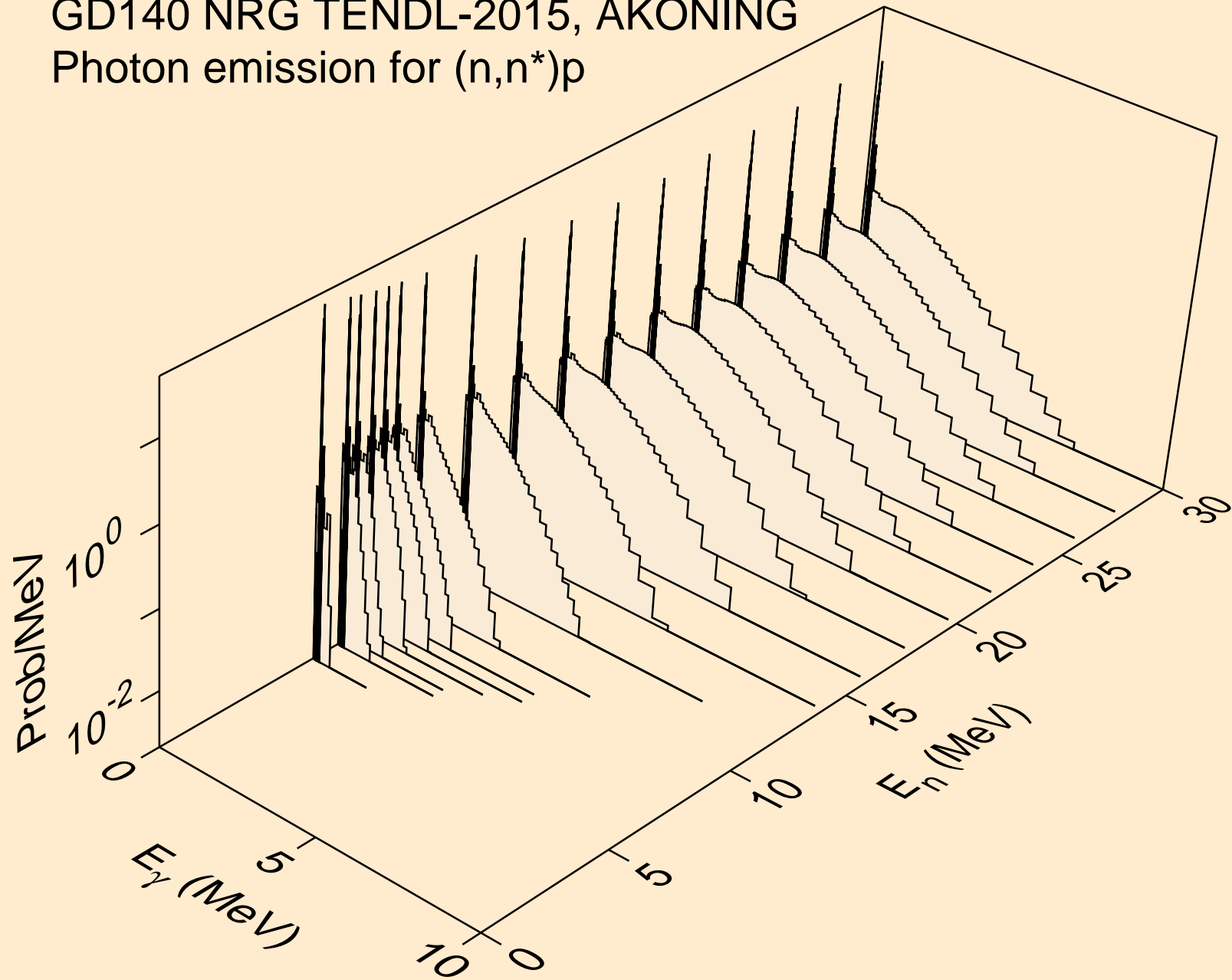
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

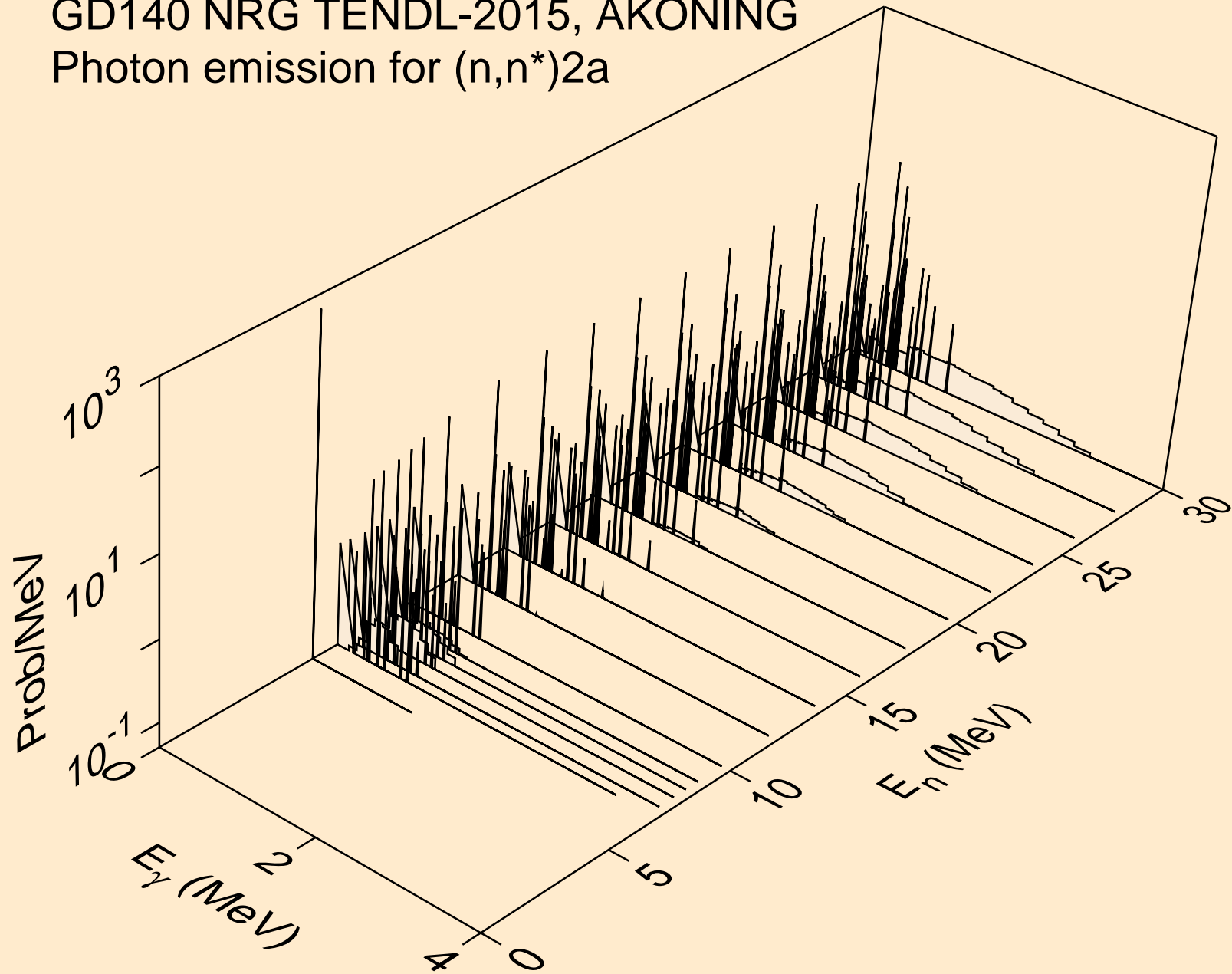


GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

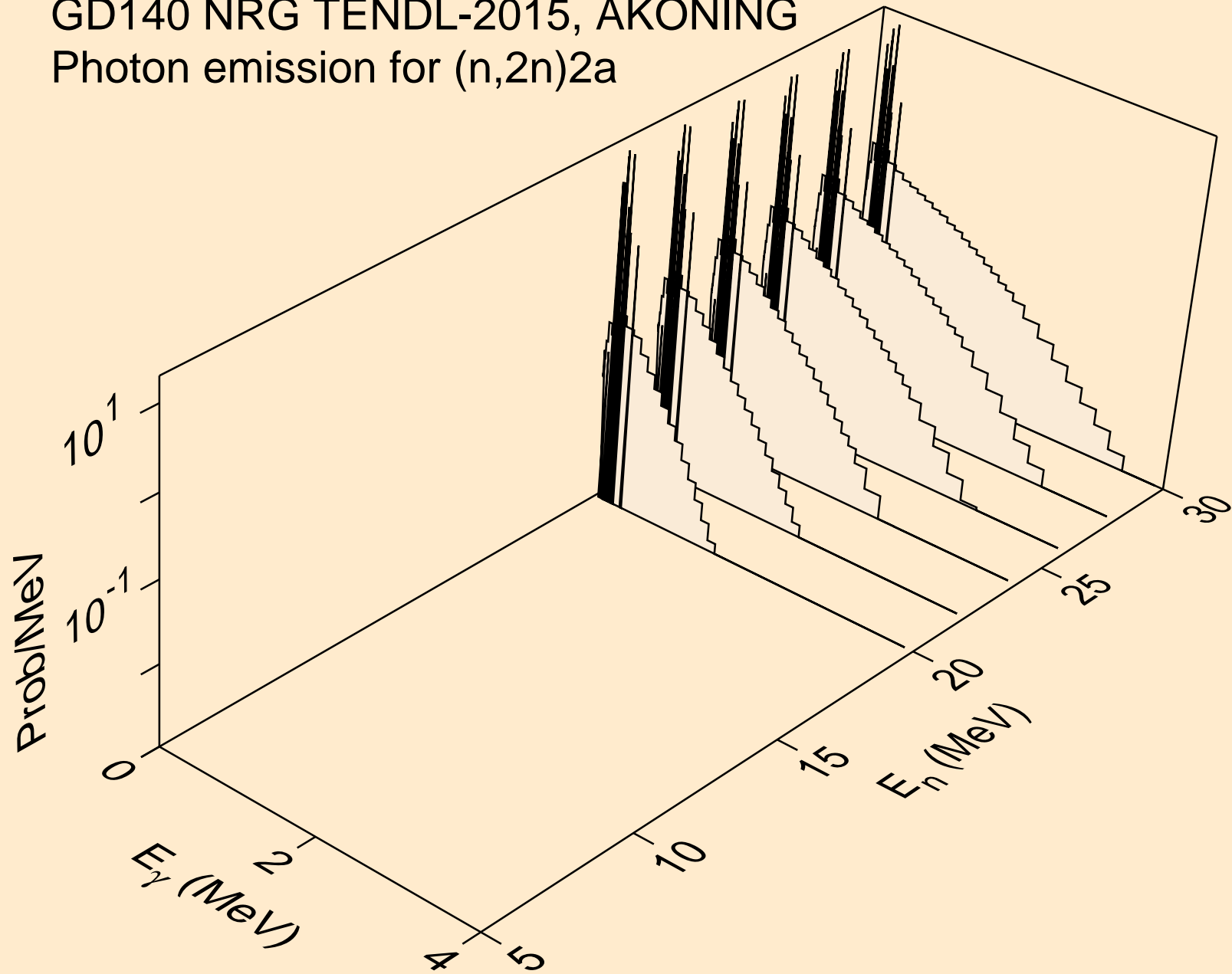




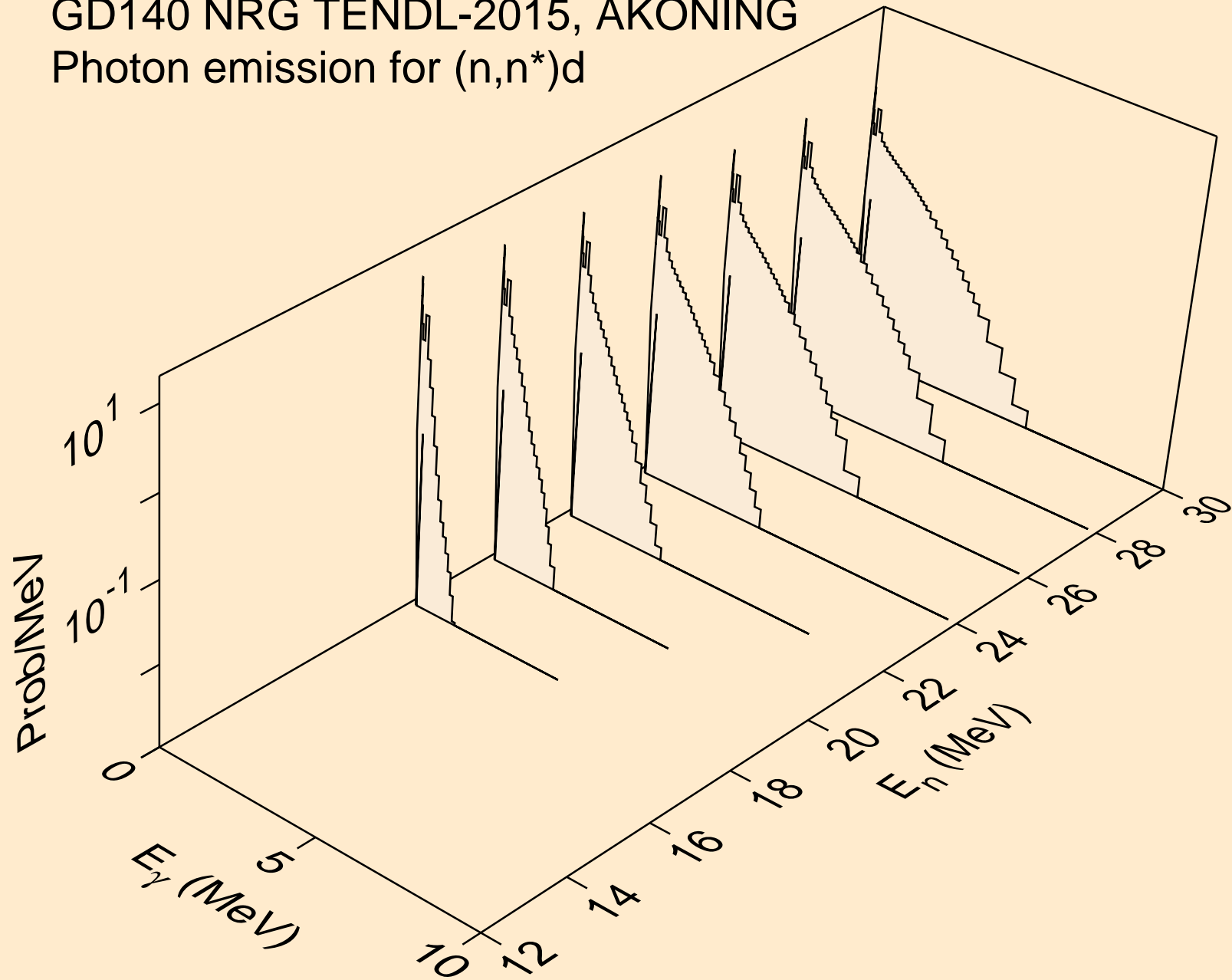
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



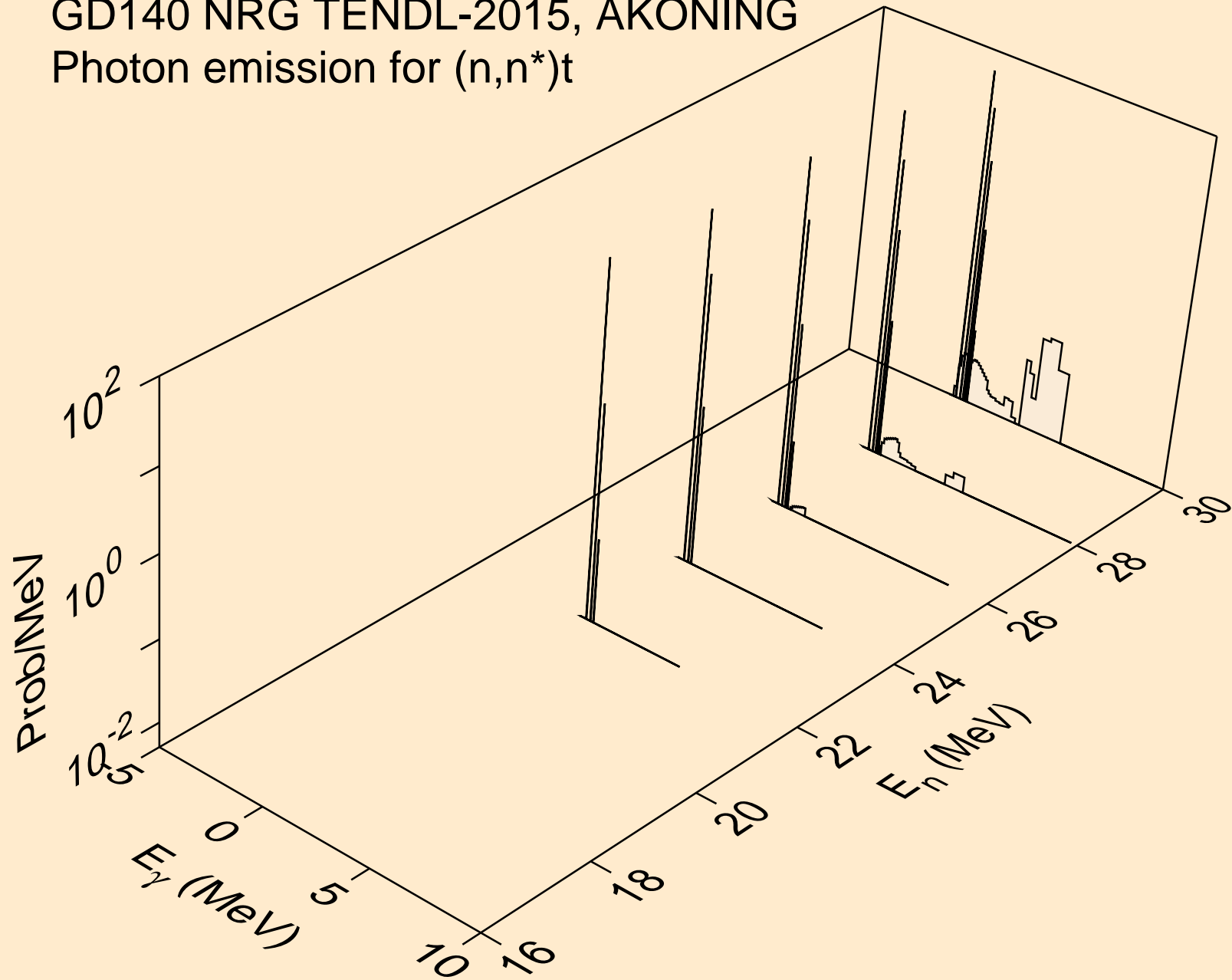
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



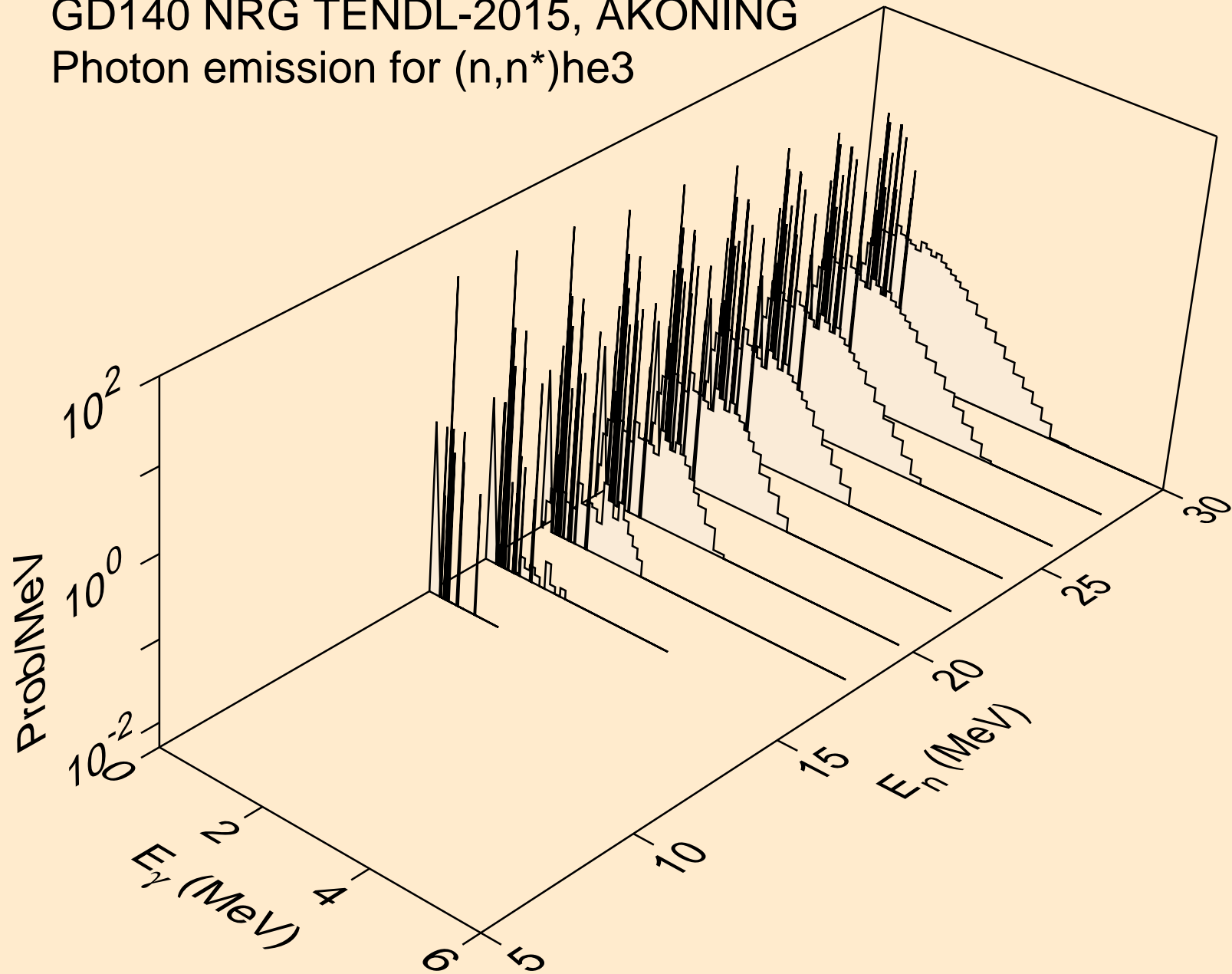
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



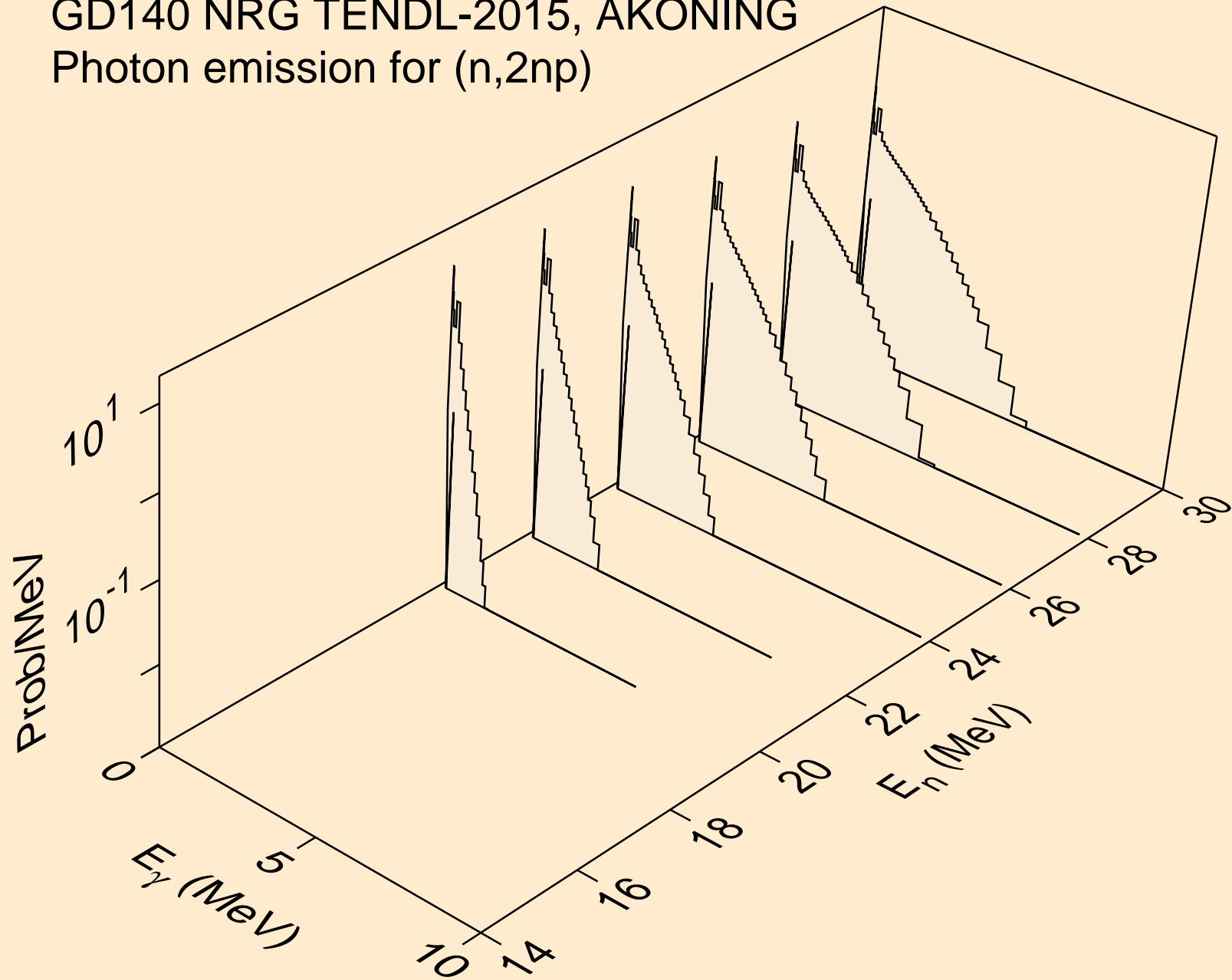
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



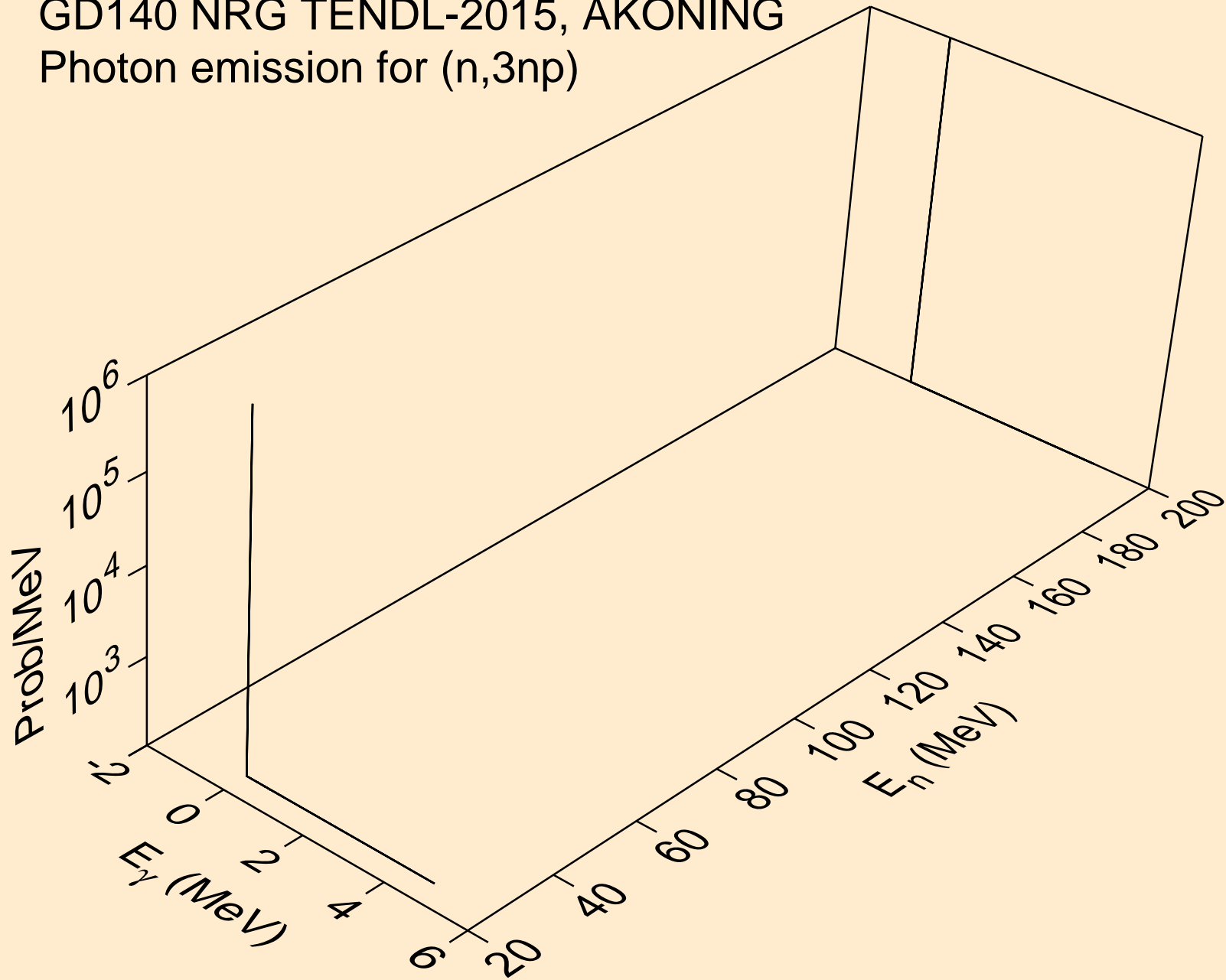
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



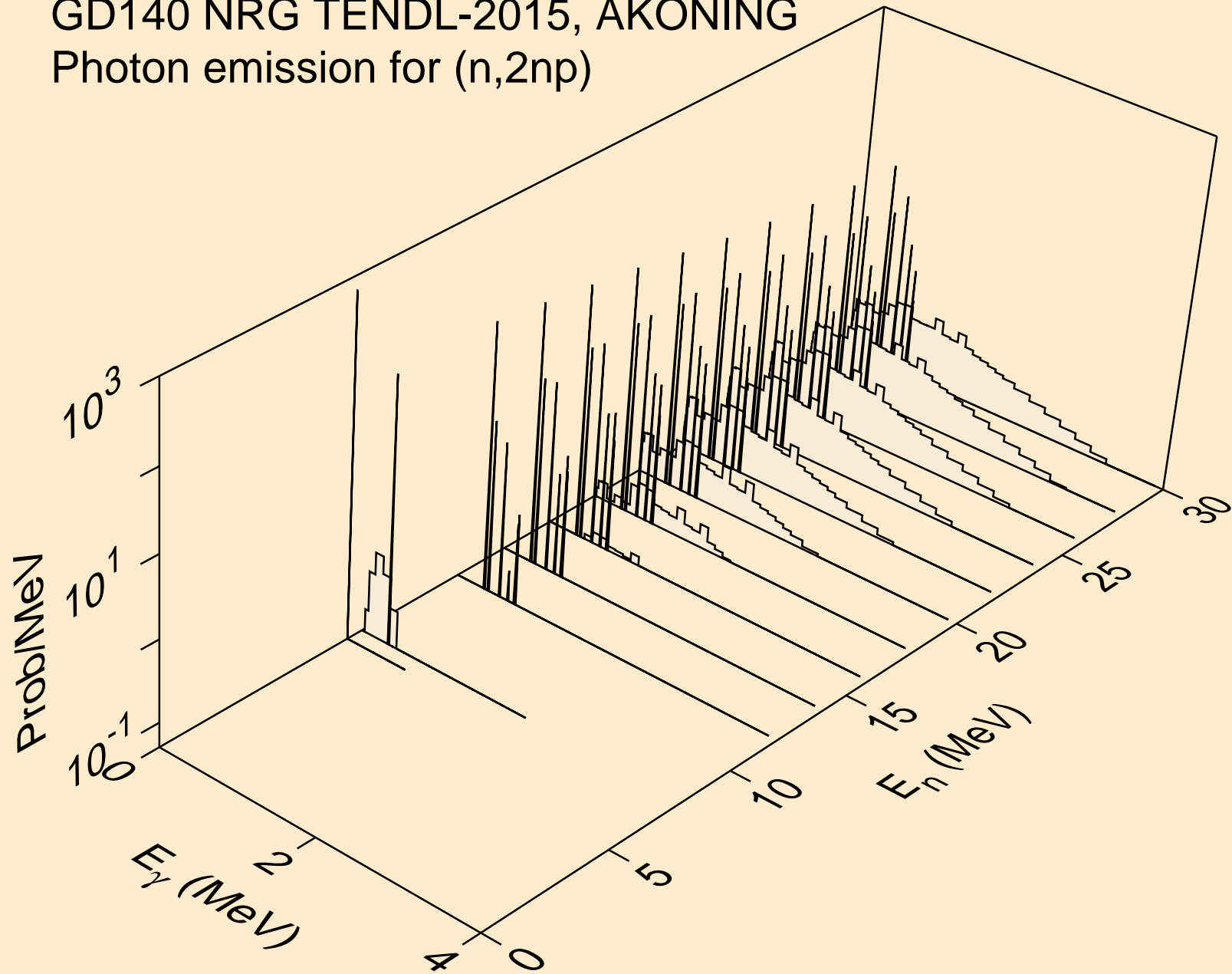
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

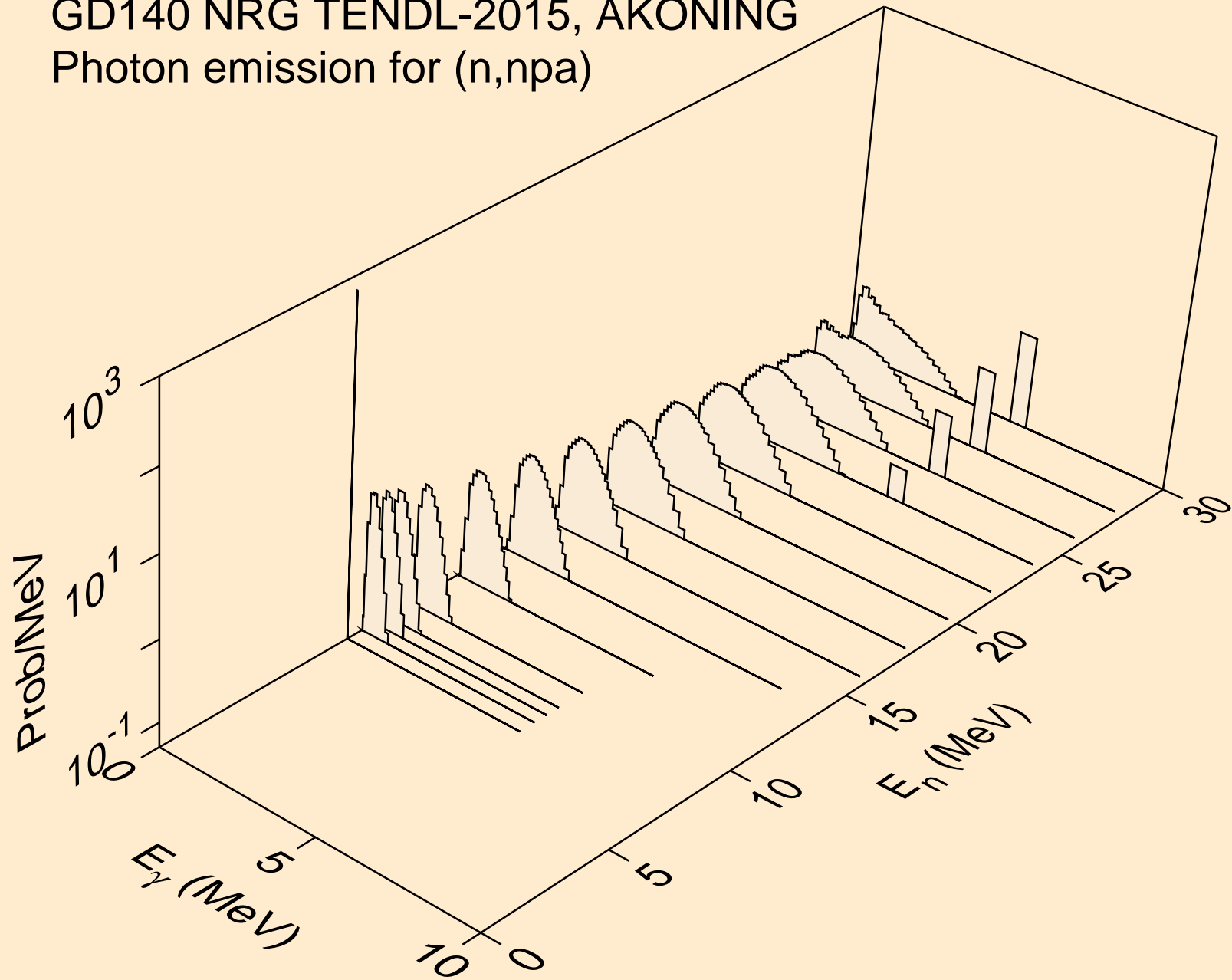


GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

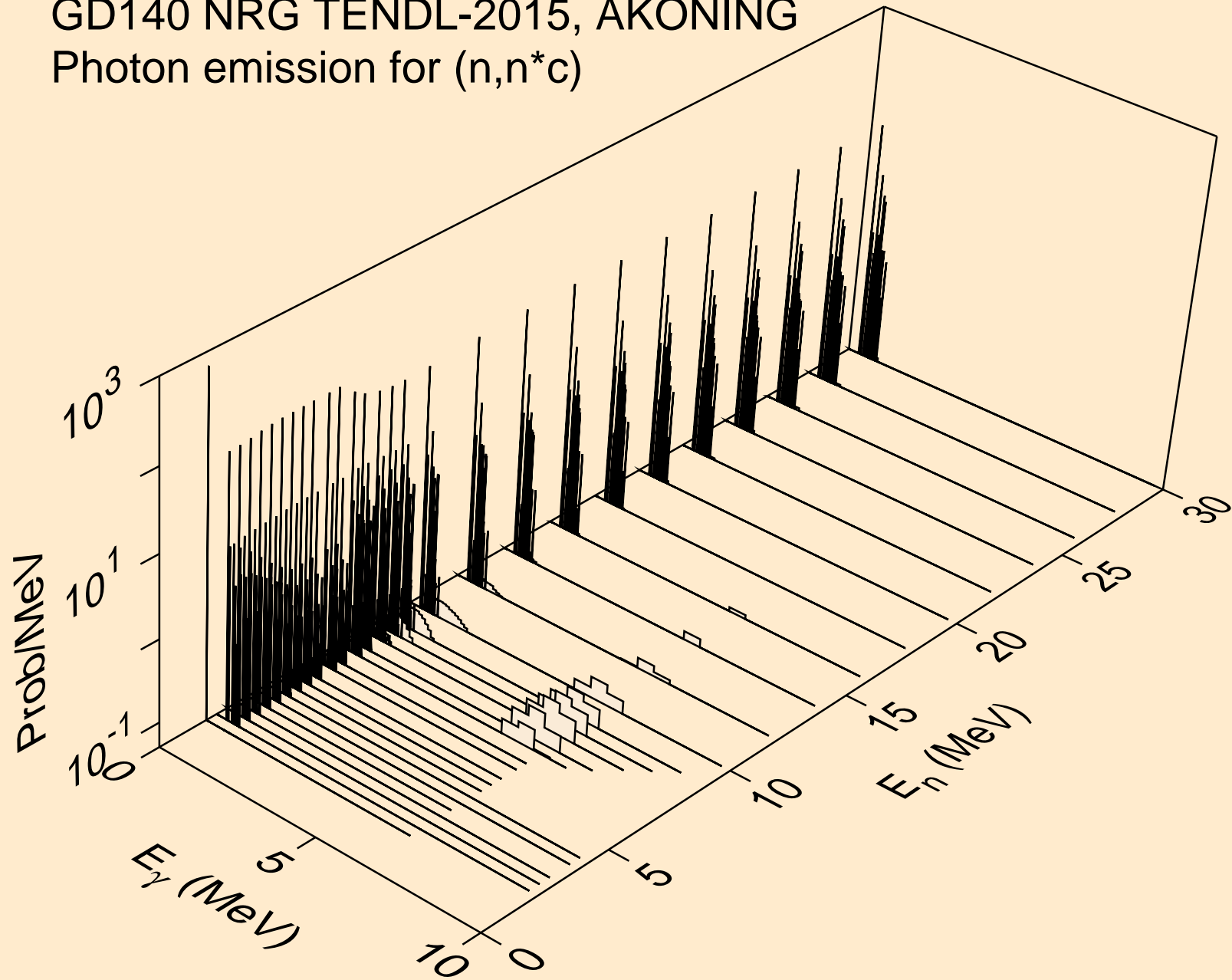




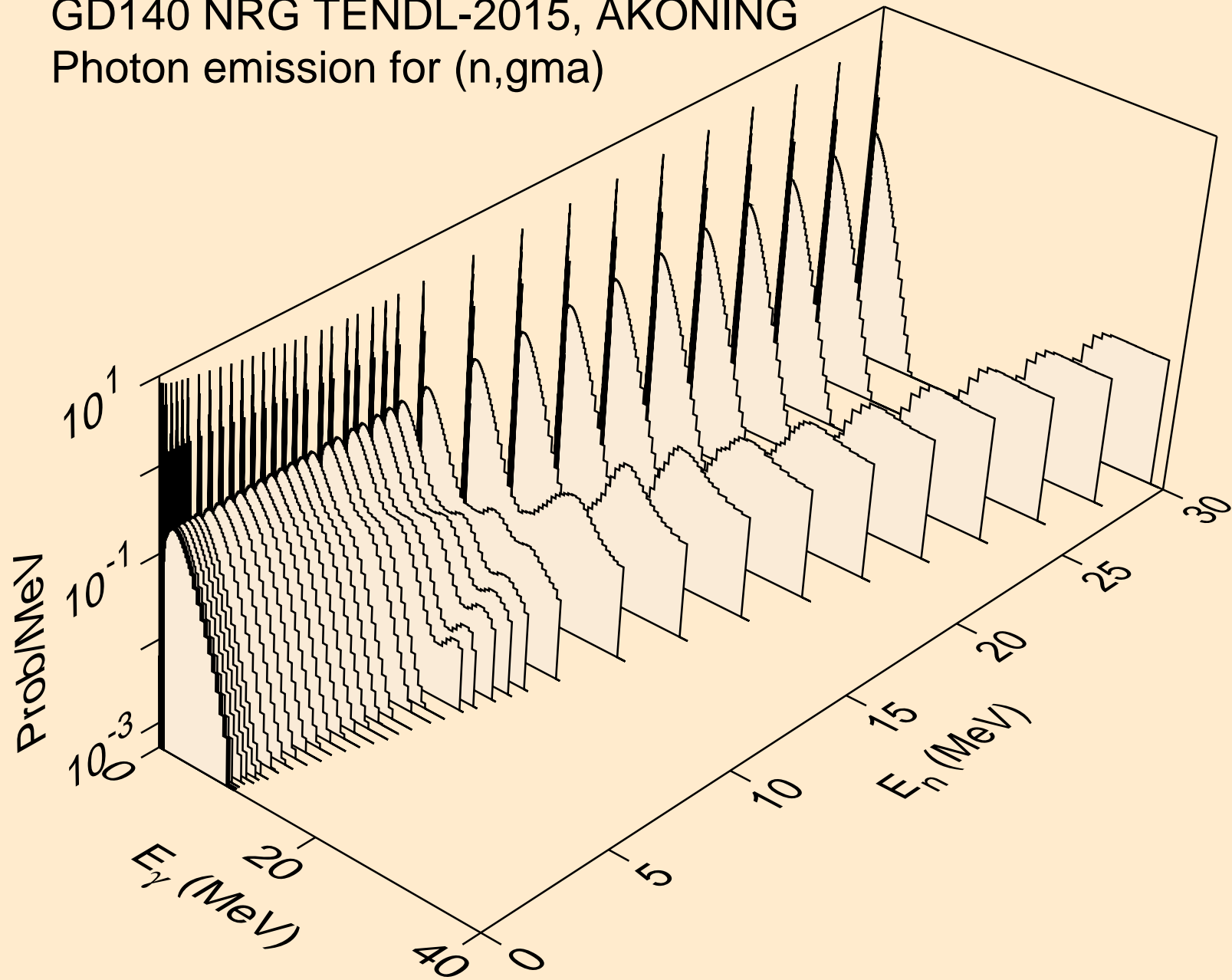
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



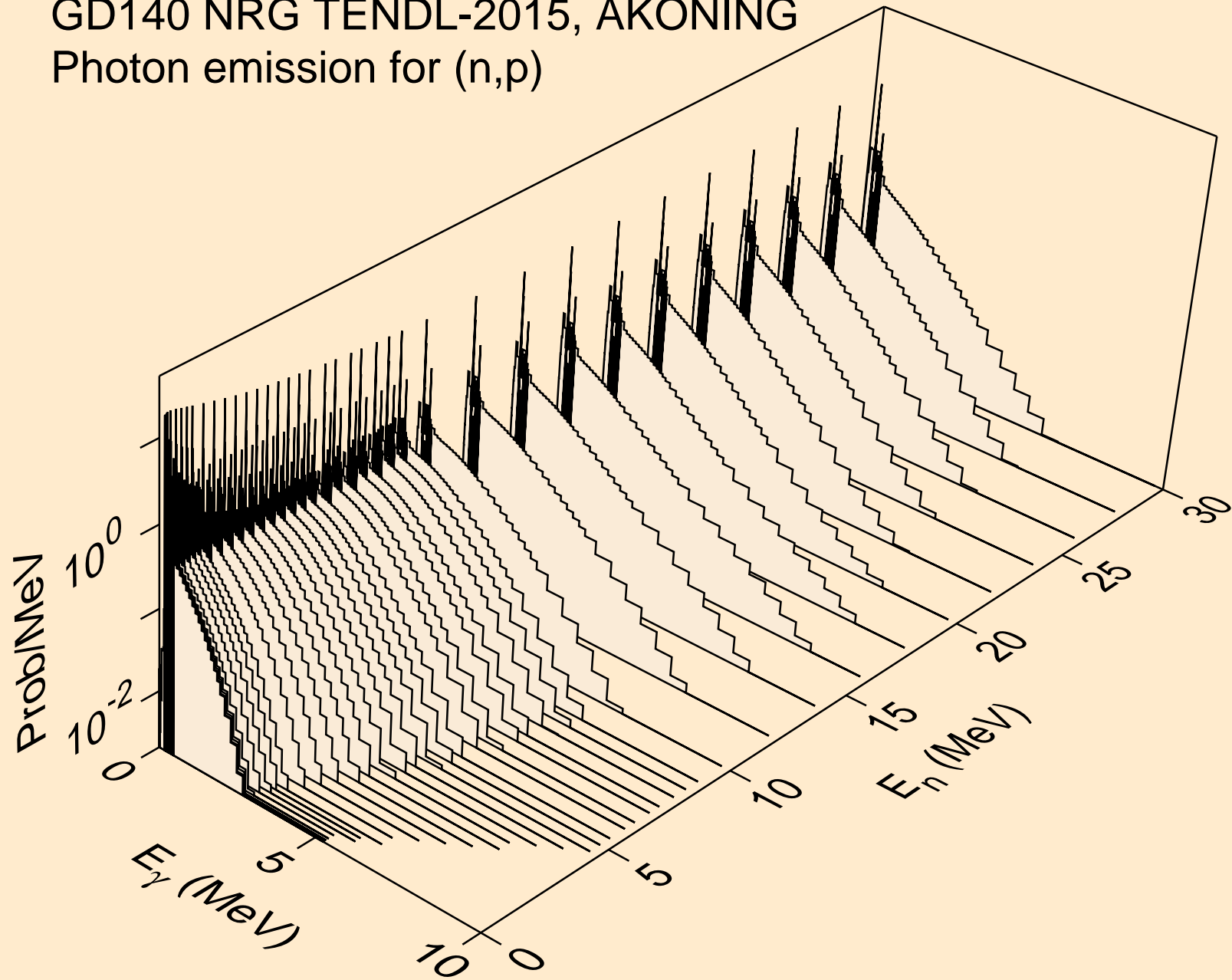
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



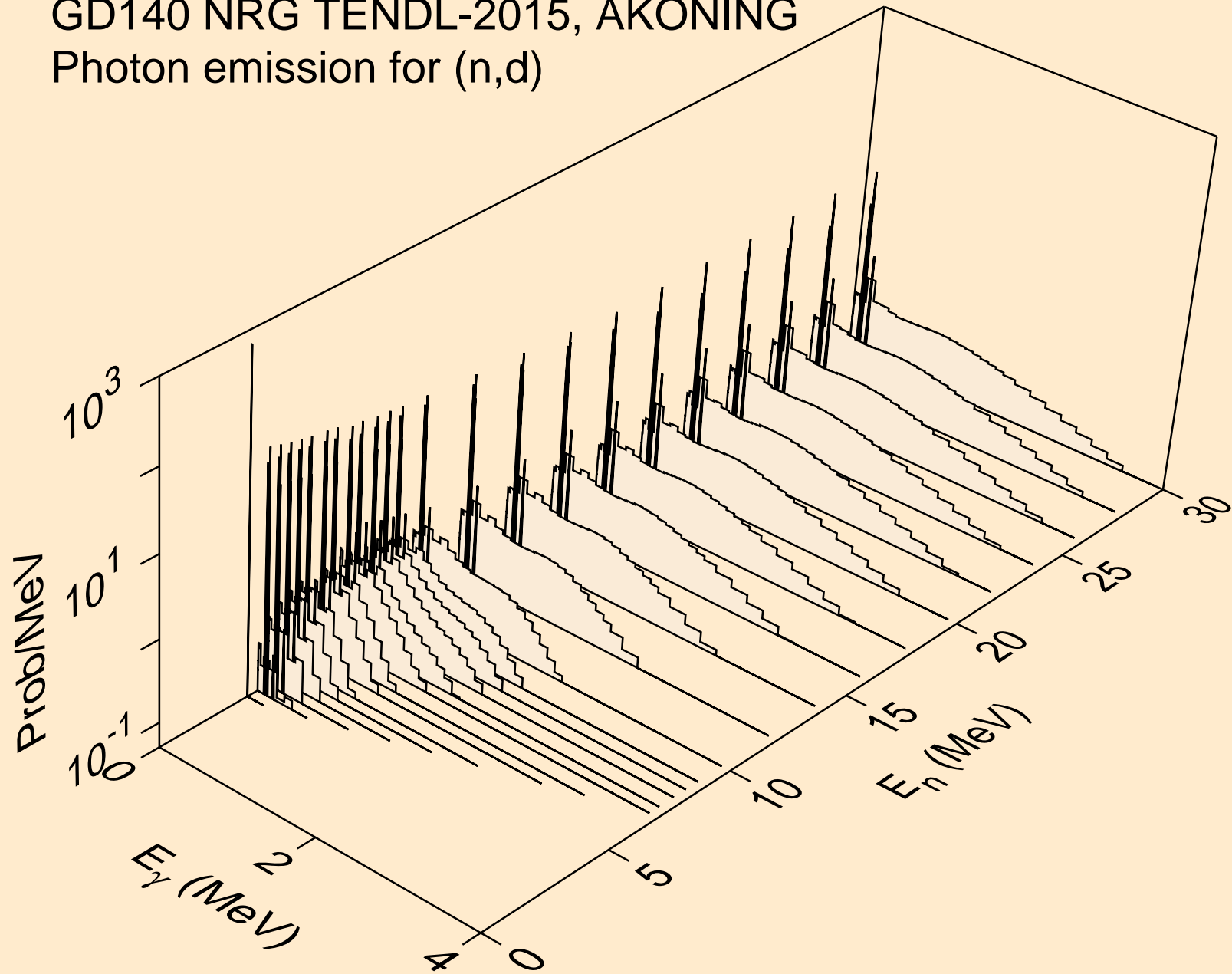
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



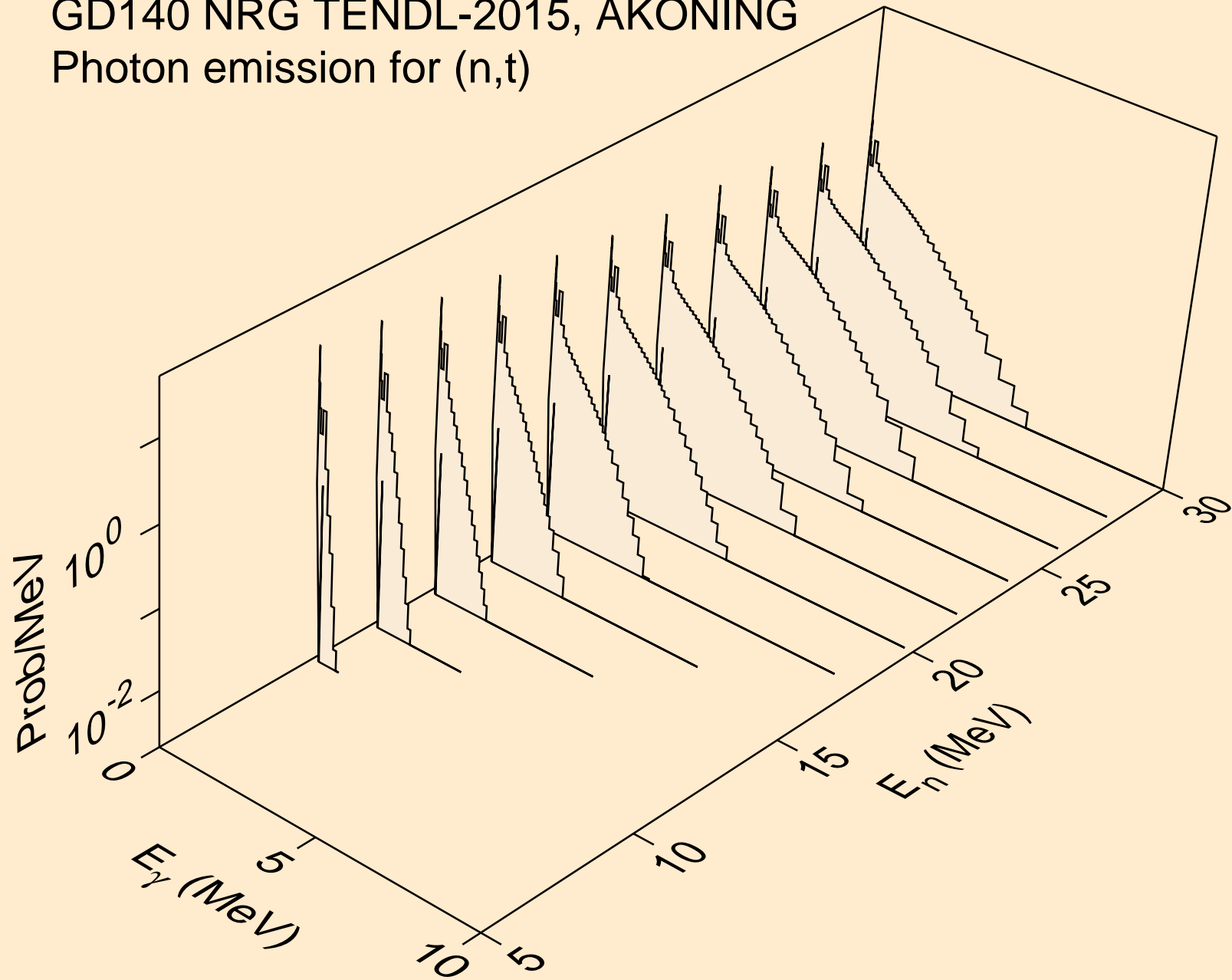
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



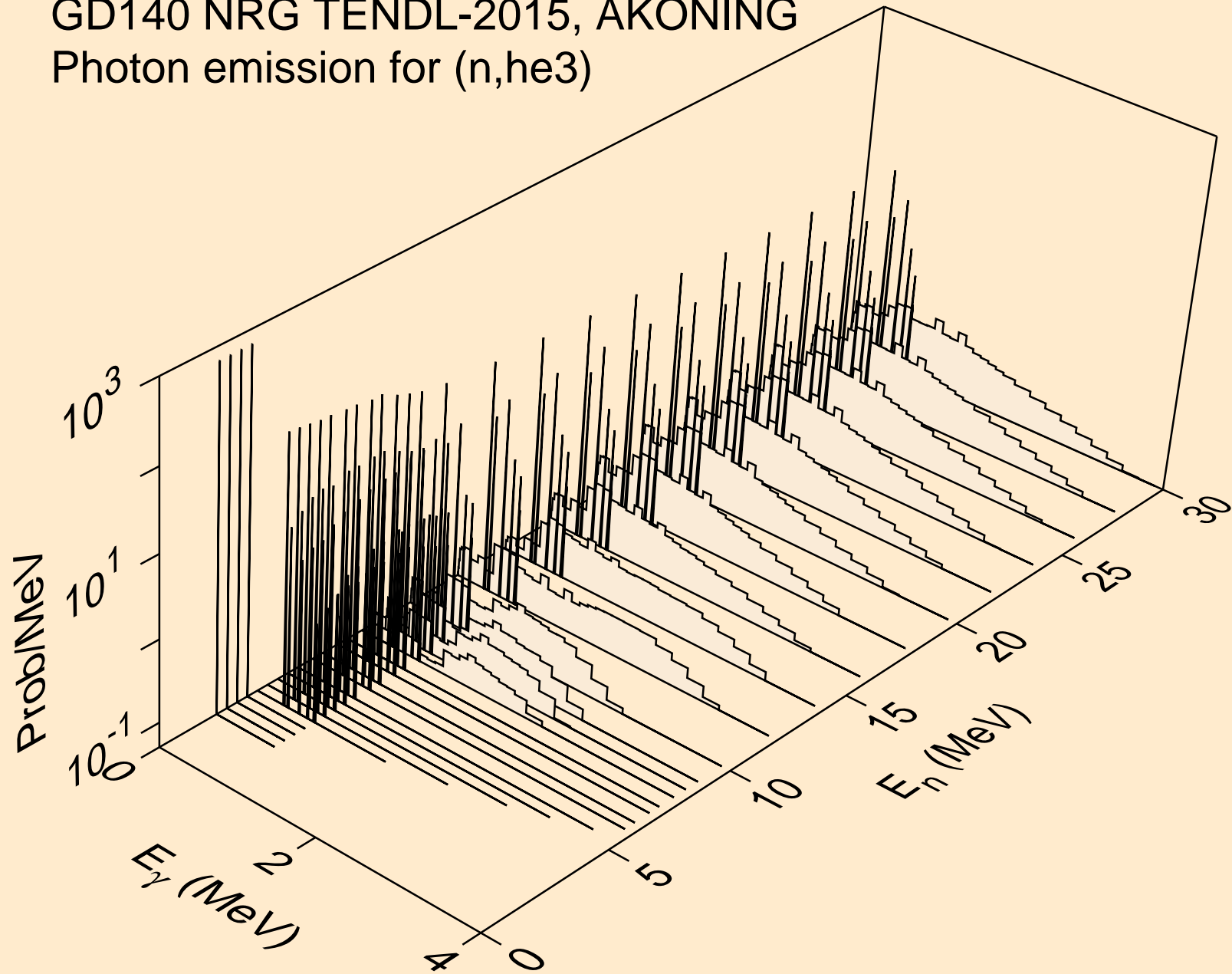
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



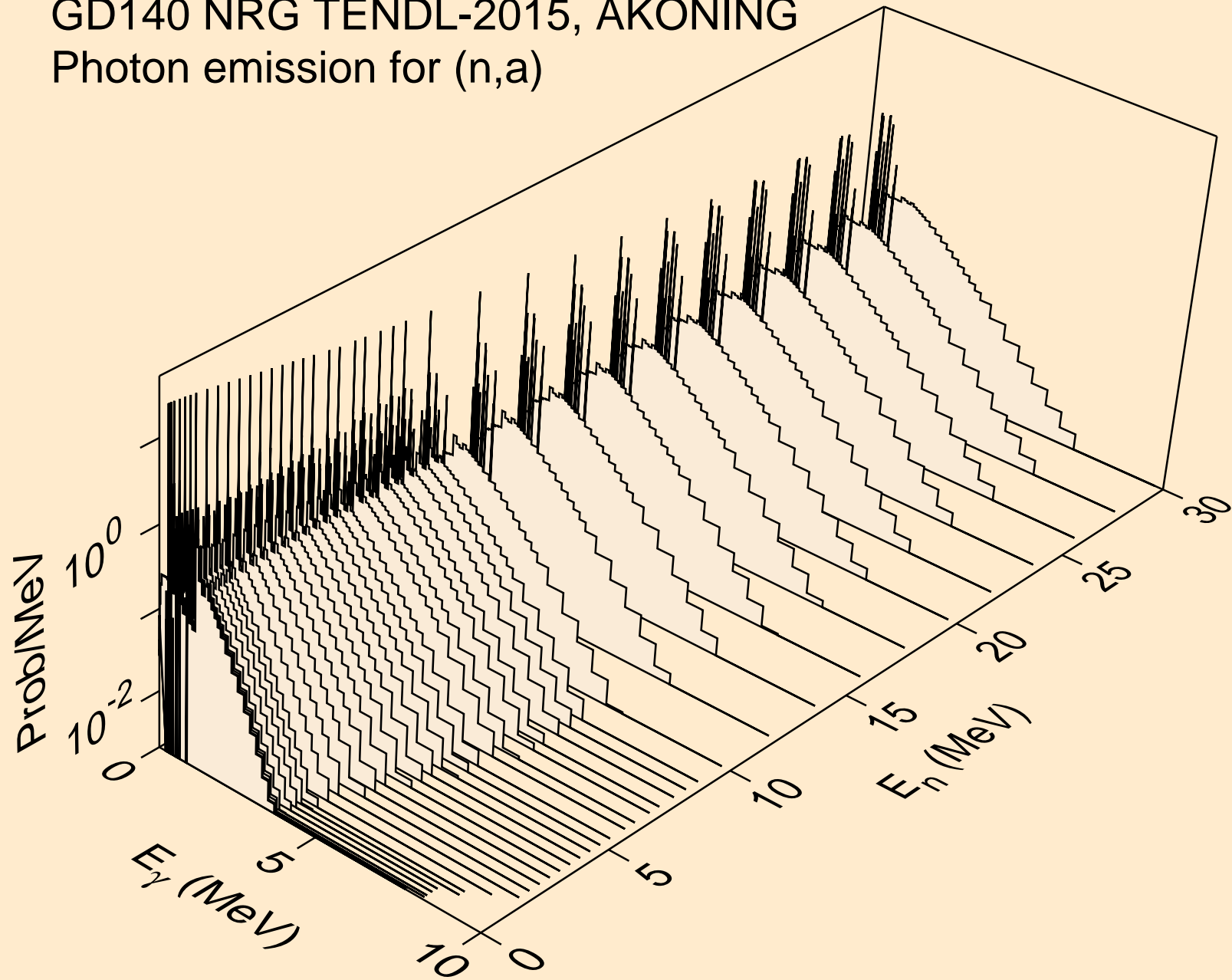
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

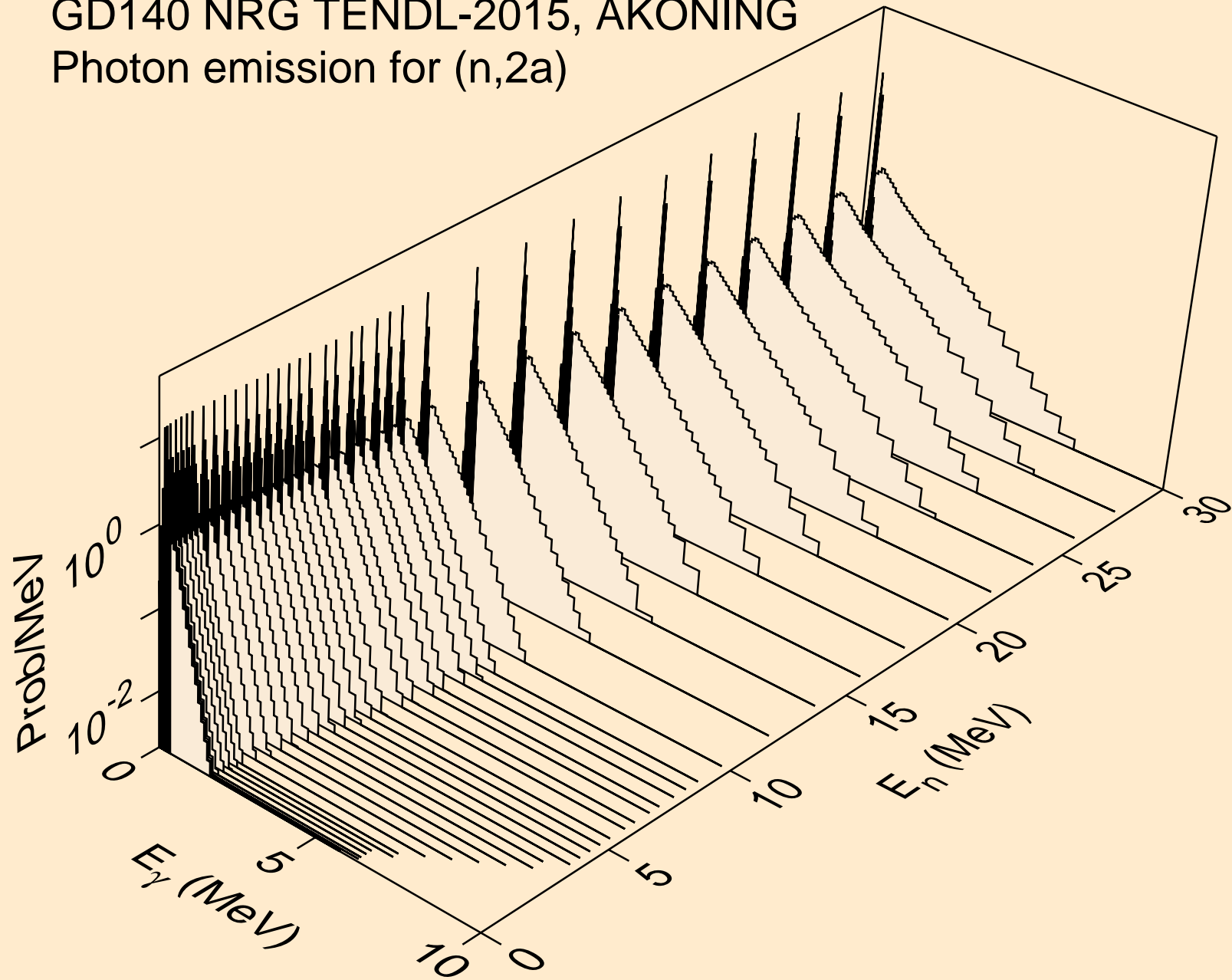


GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

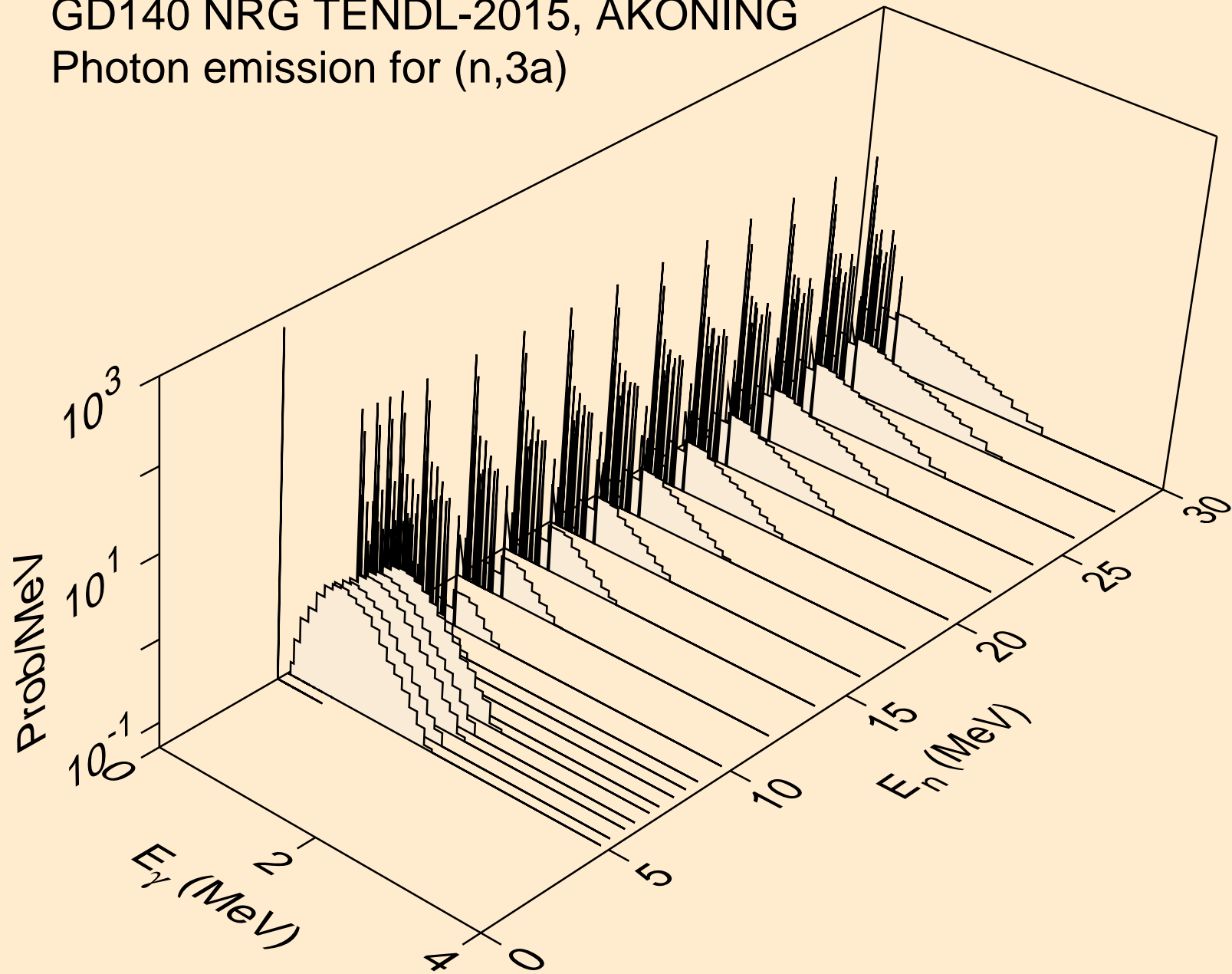




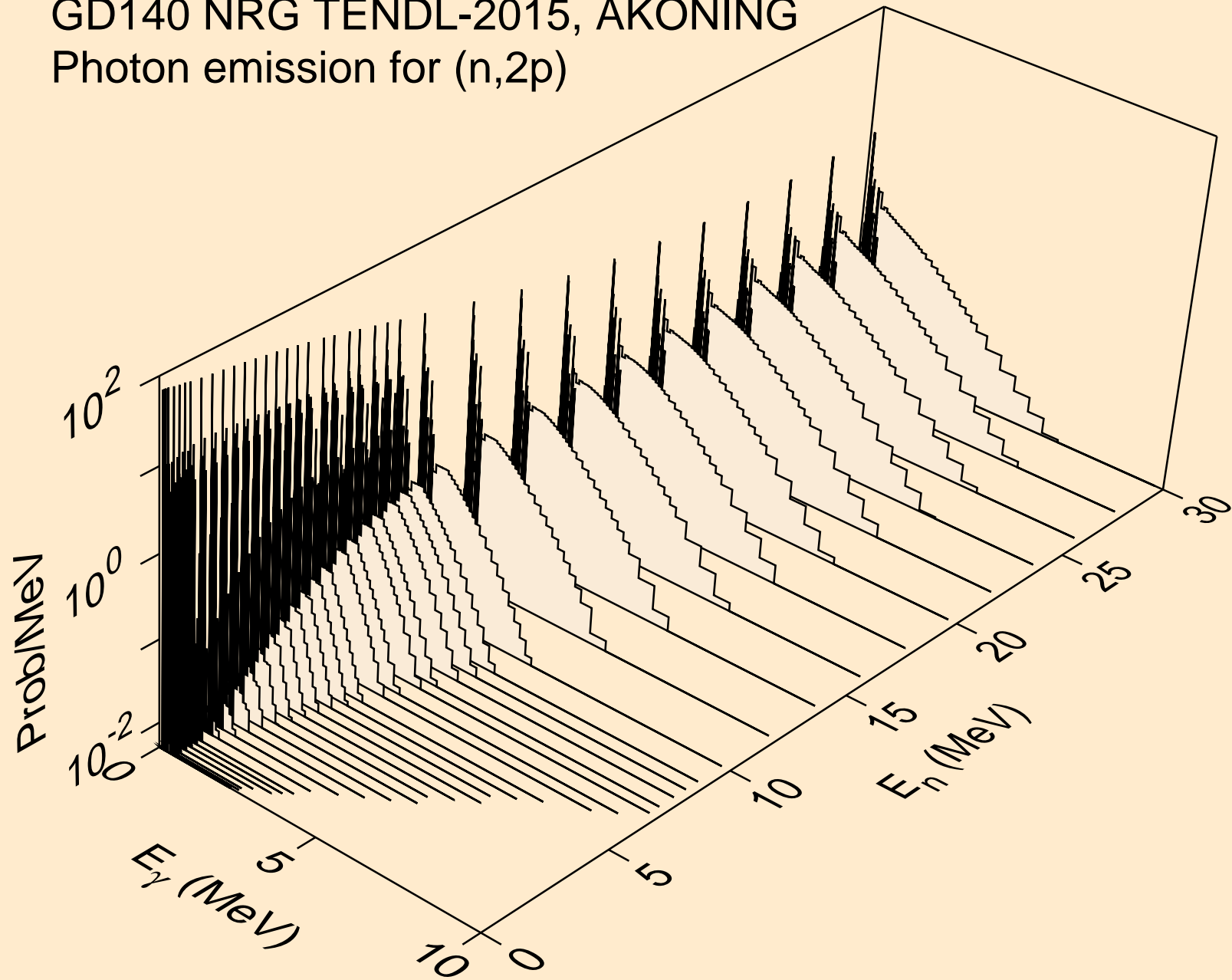
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



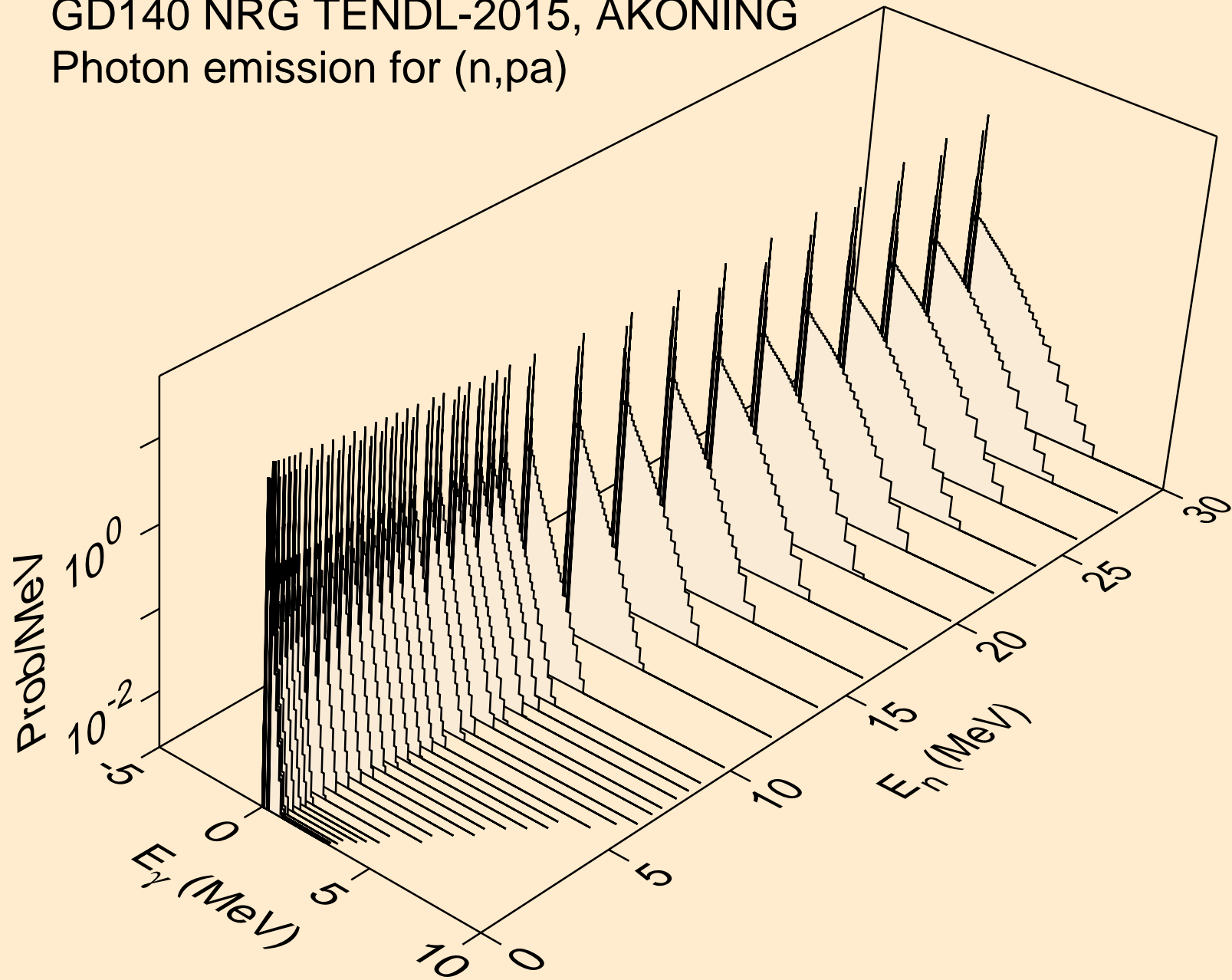
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



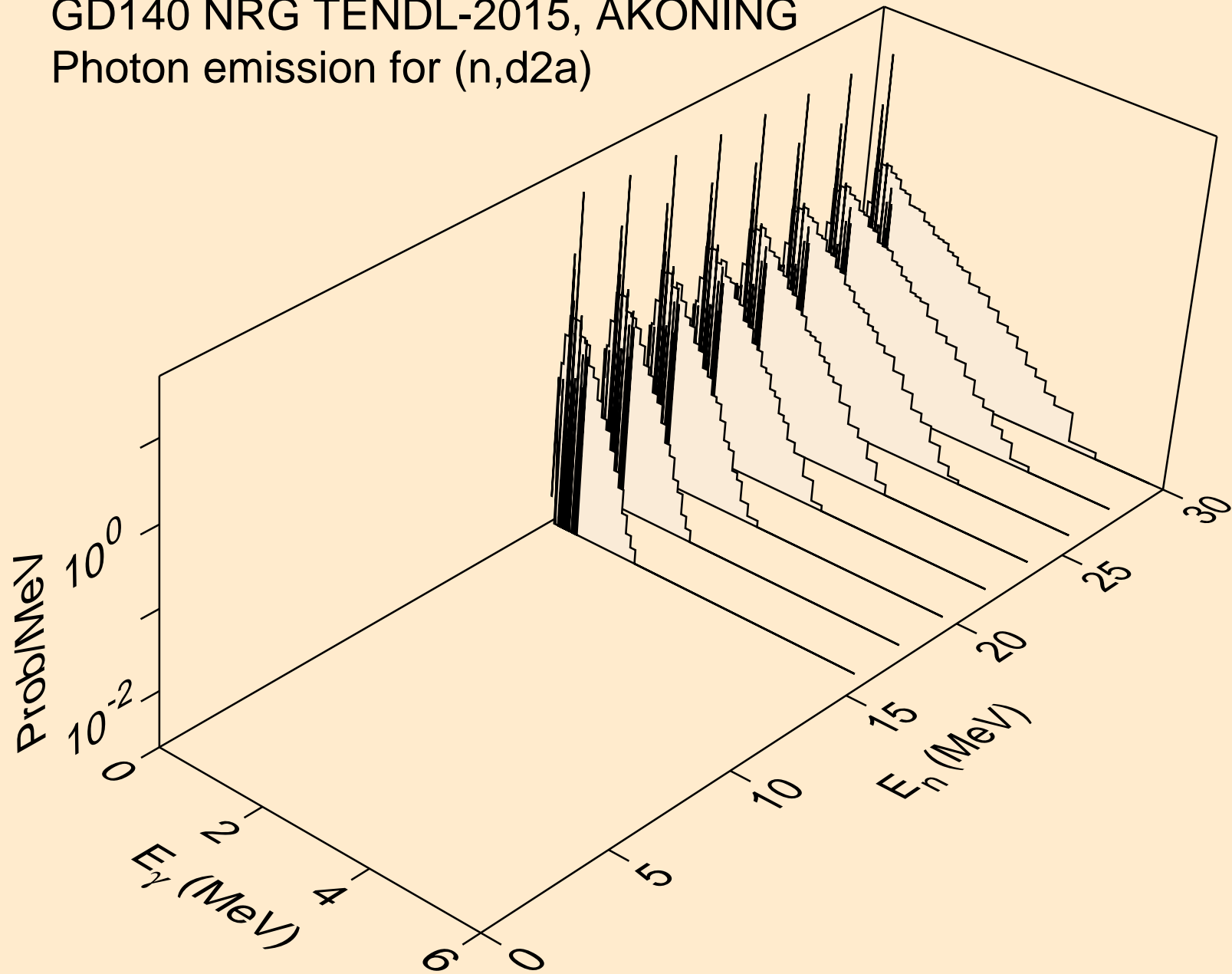
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



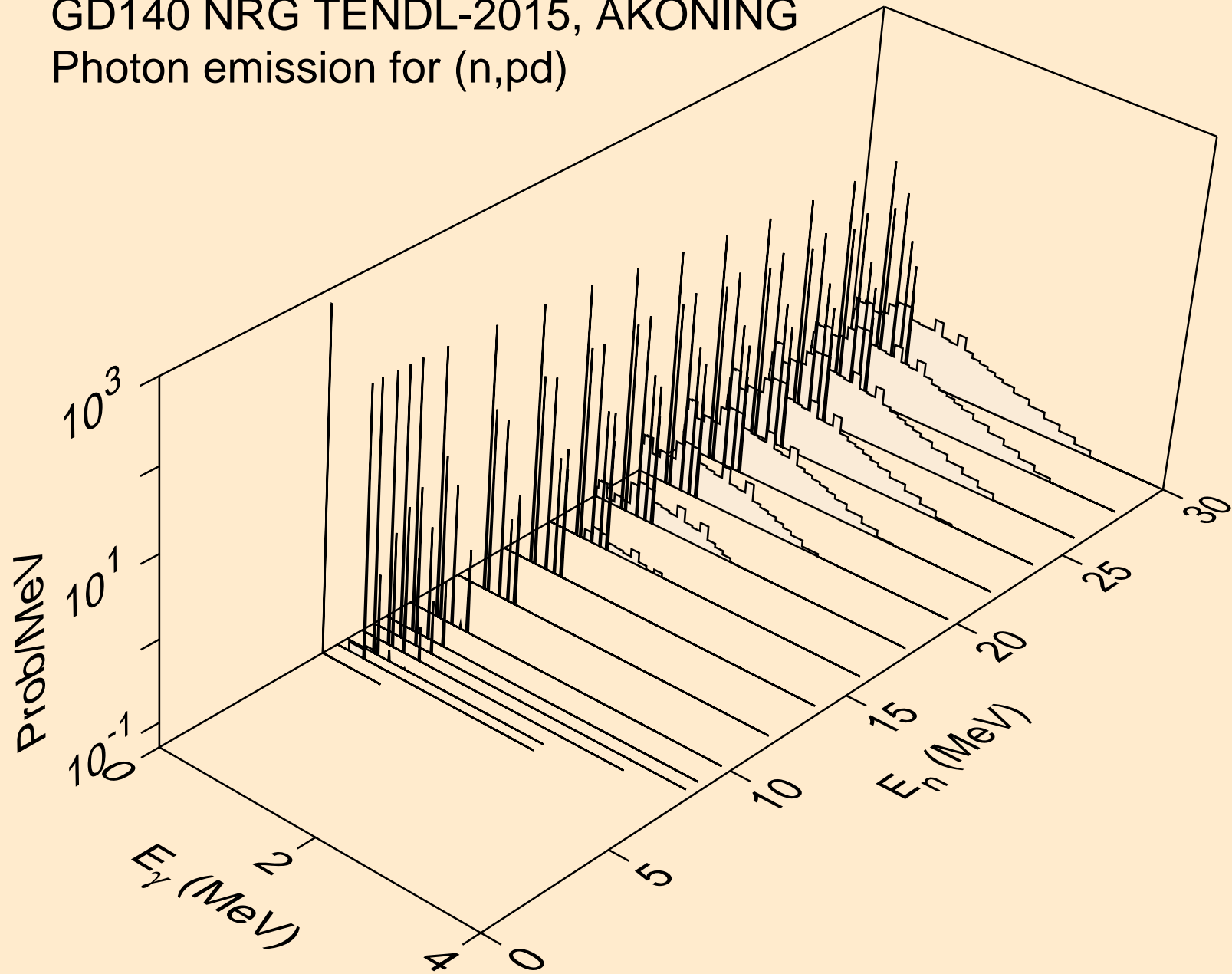
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



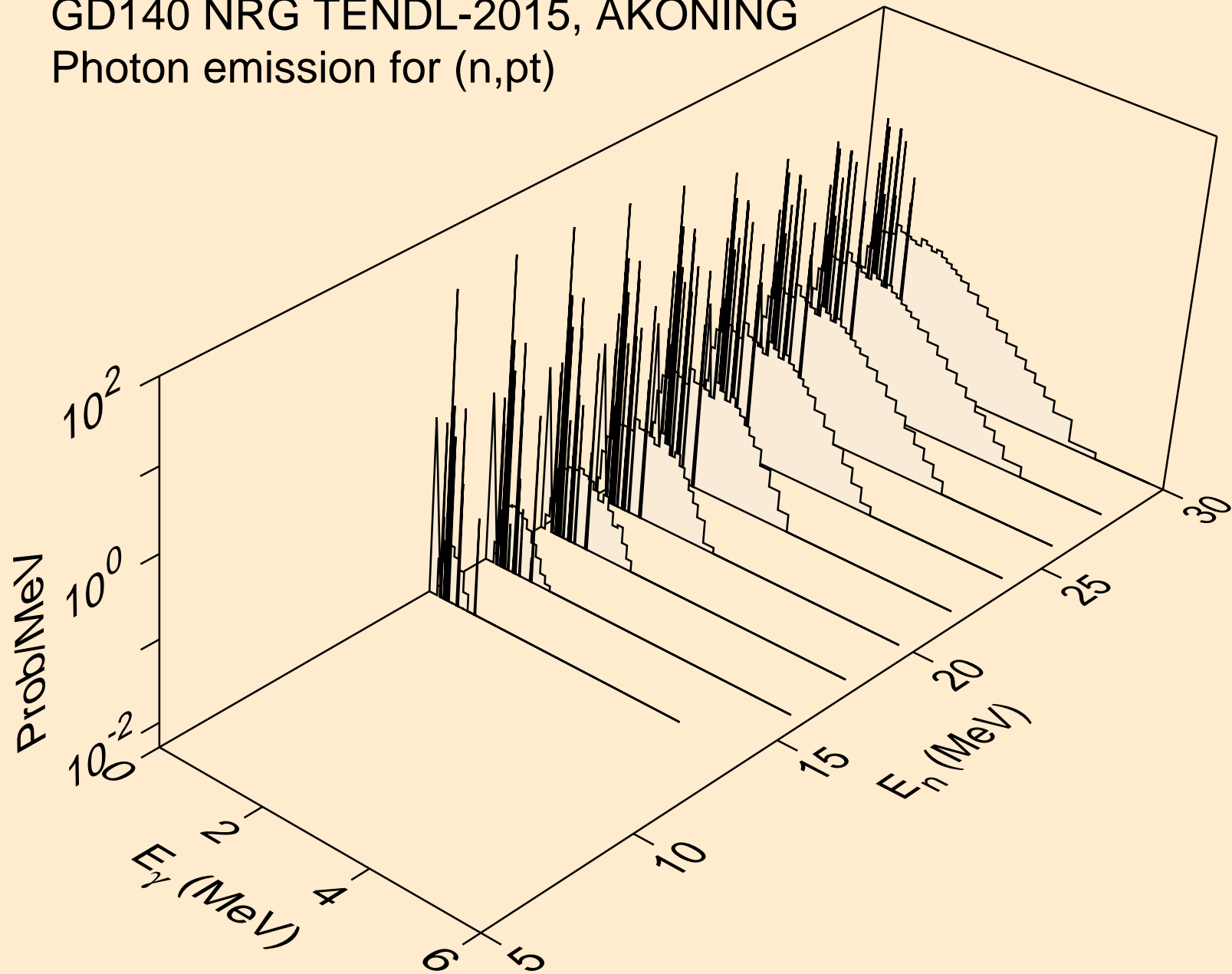
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



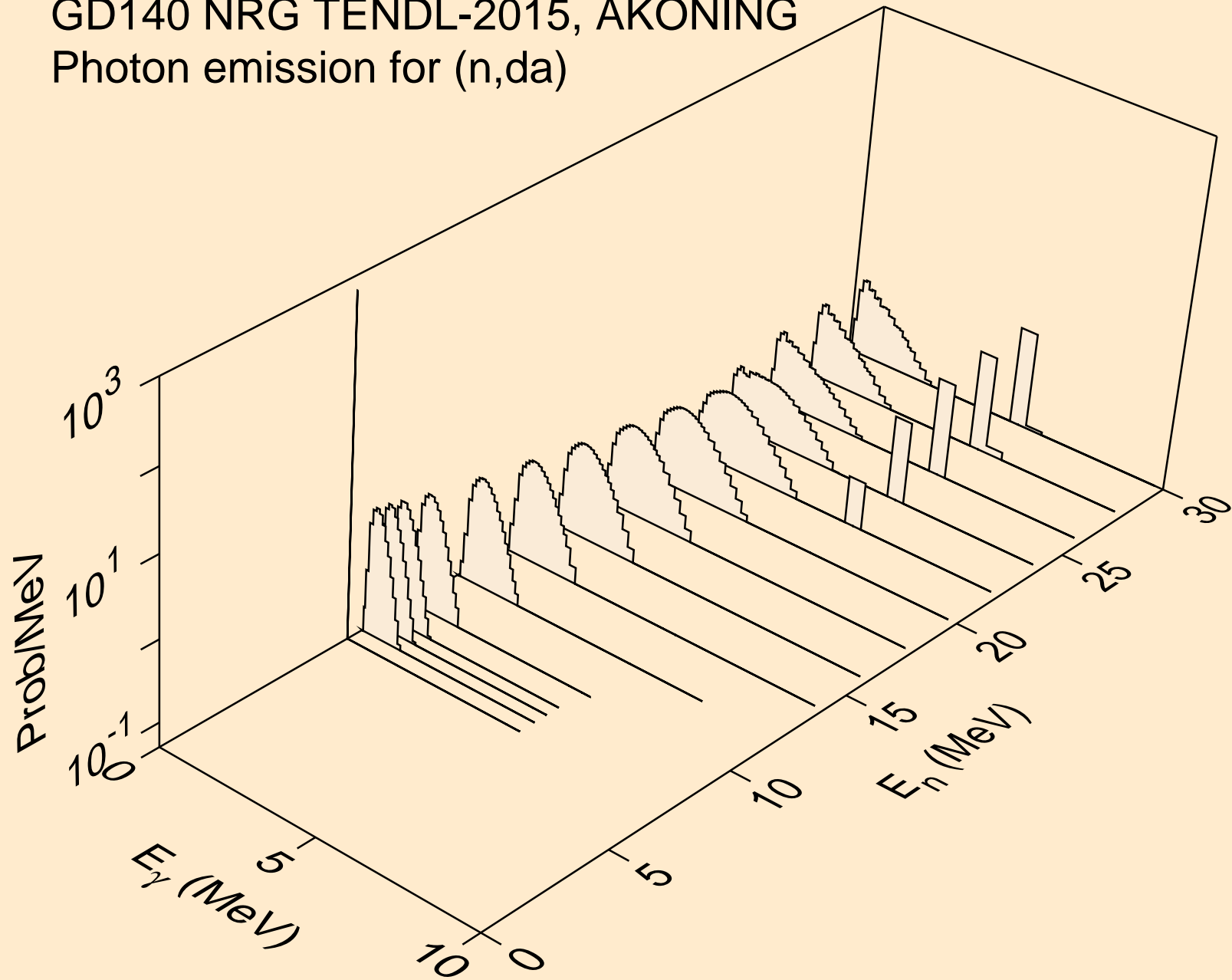
GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

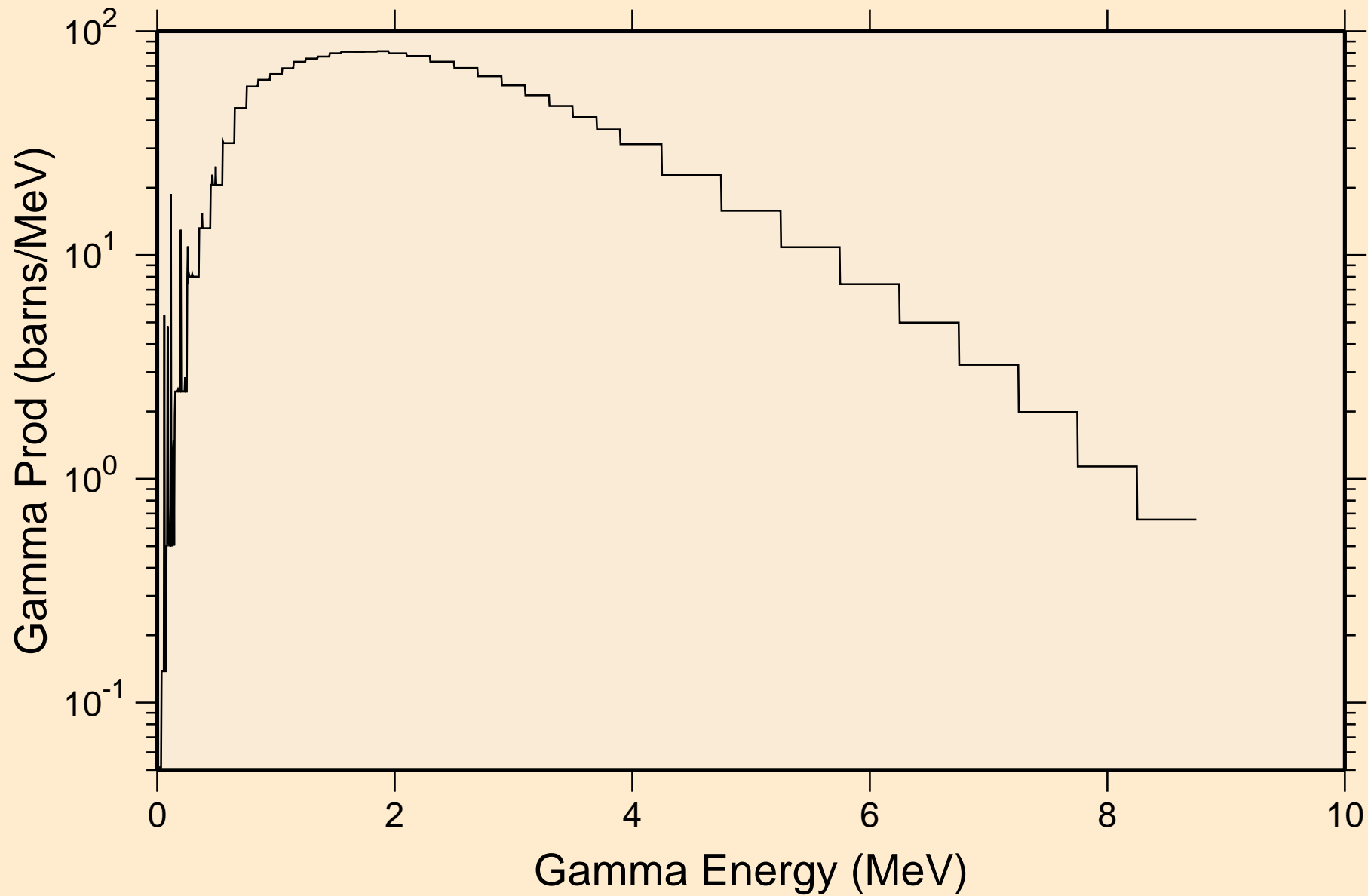


GD140 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

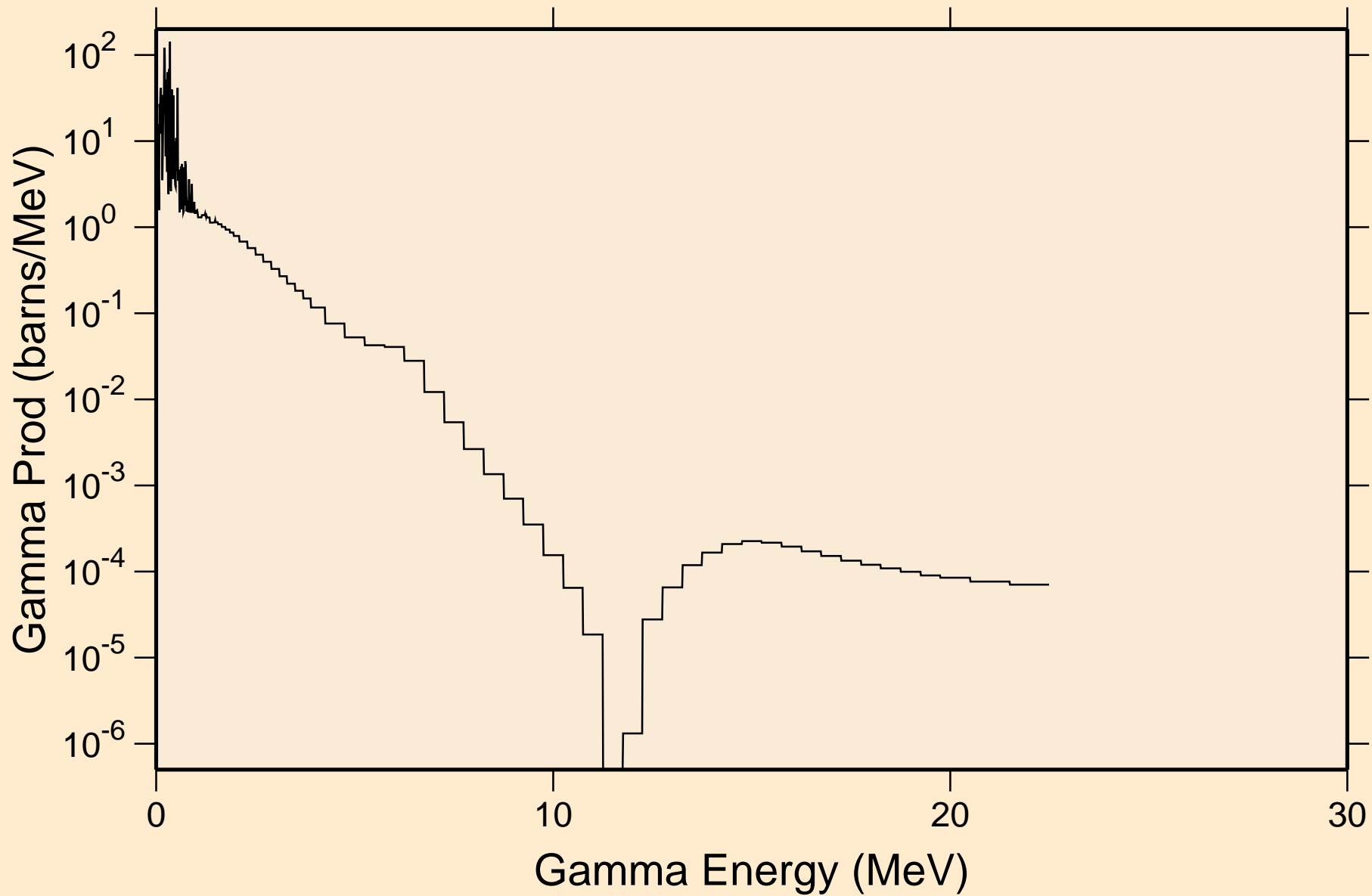




GD140 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

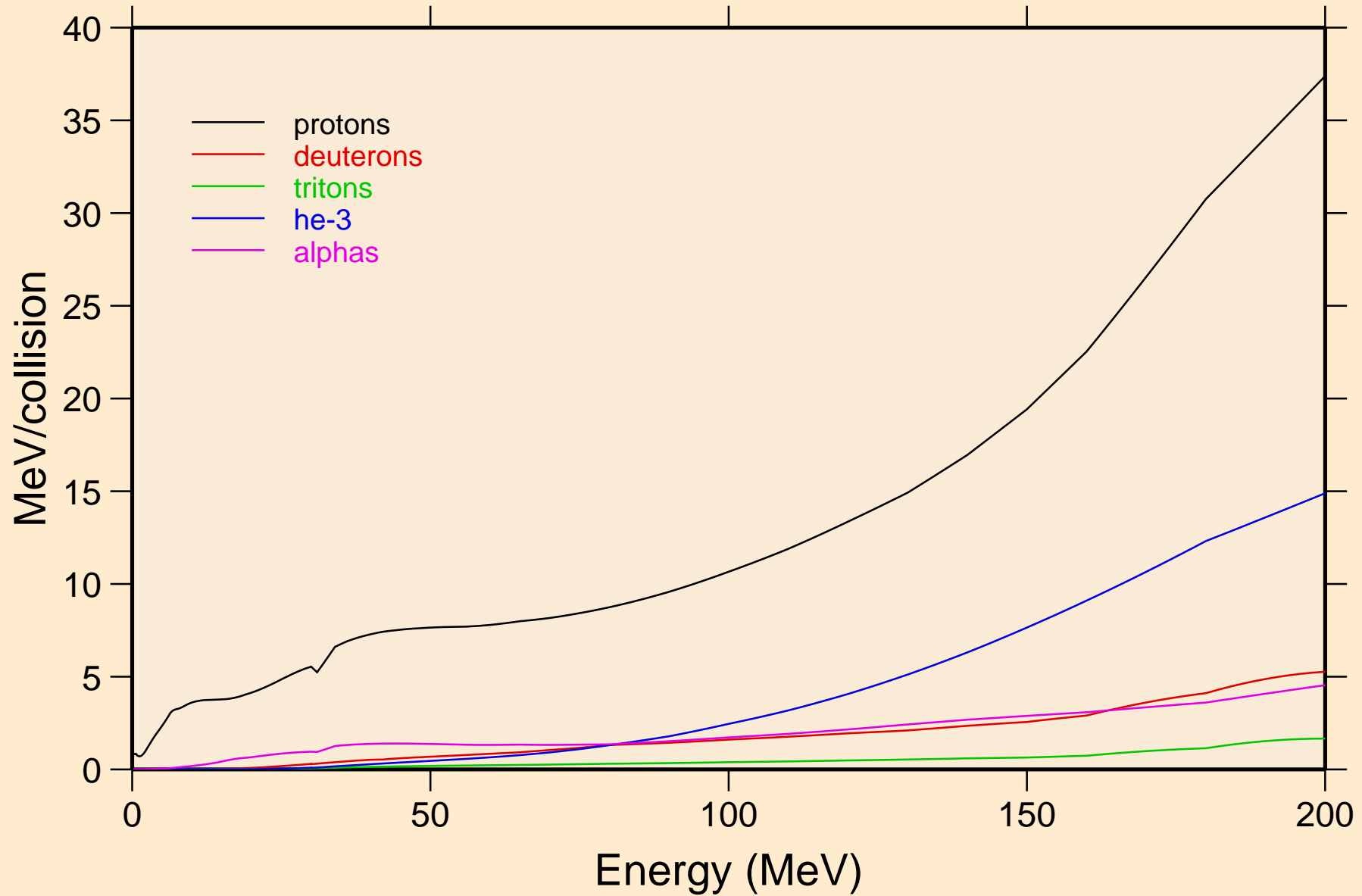


GD140 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



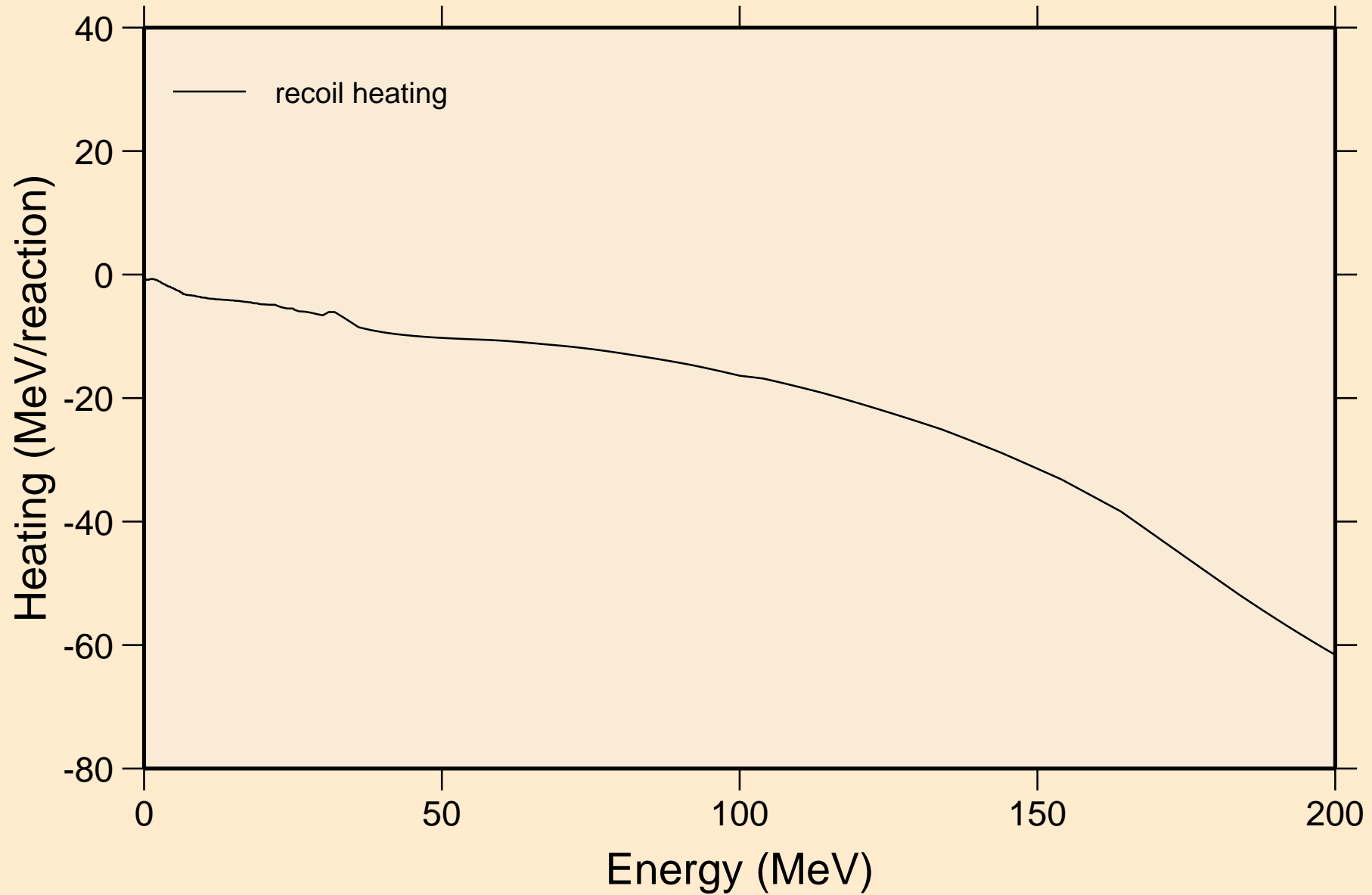
# GD140 NRG TENDL-2015, AKONING

## Particle heating contributions



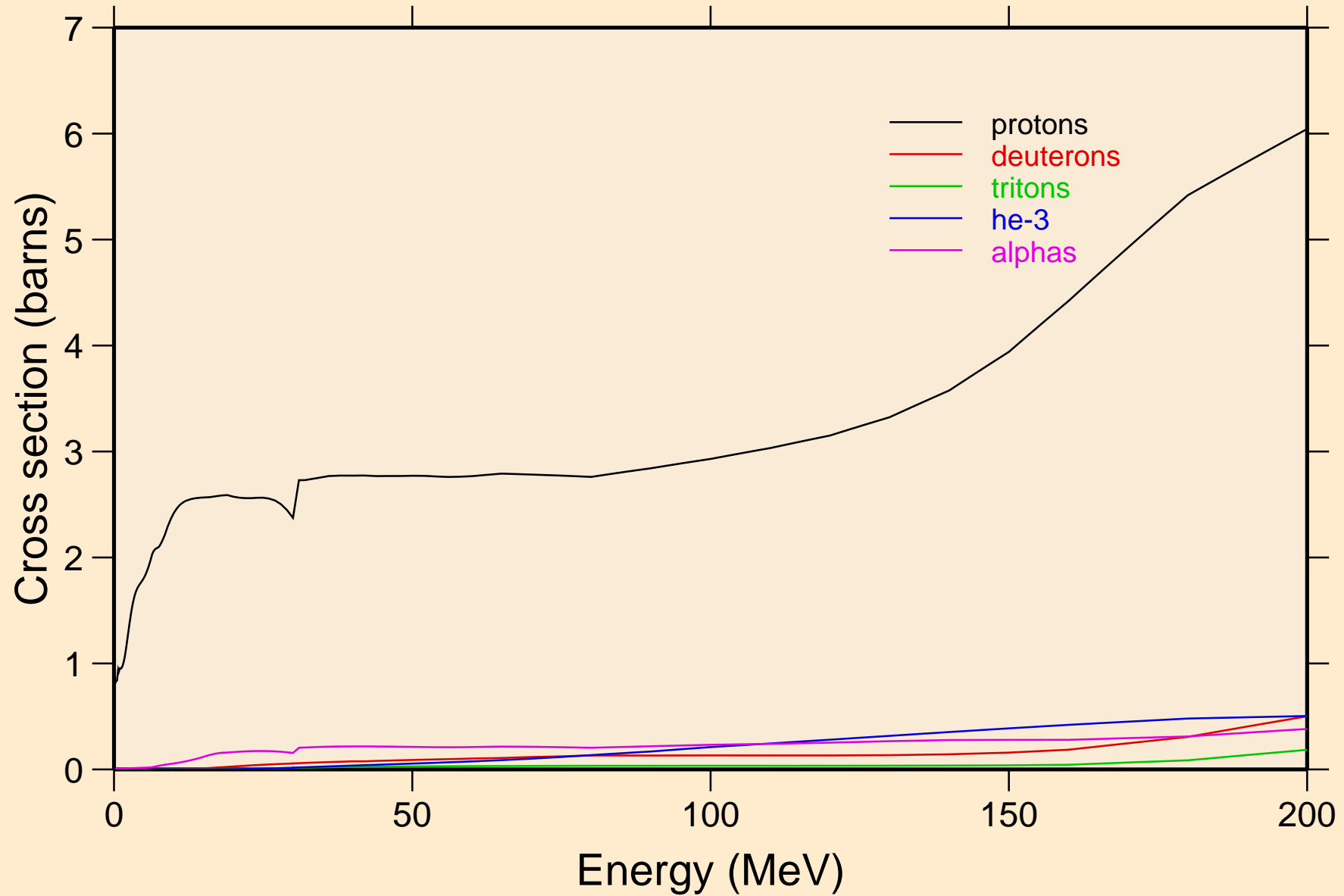
# GD140 NRG TENDL-2015, AKONING

## Recoil Heating

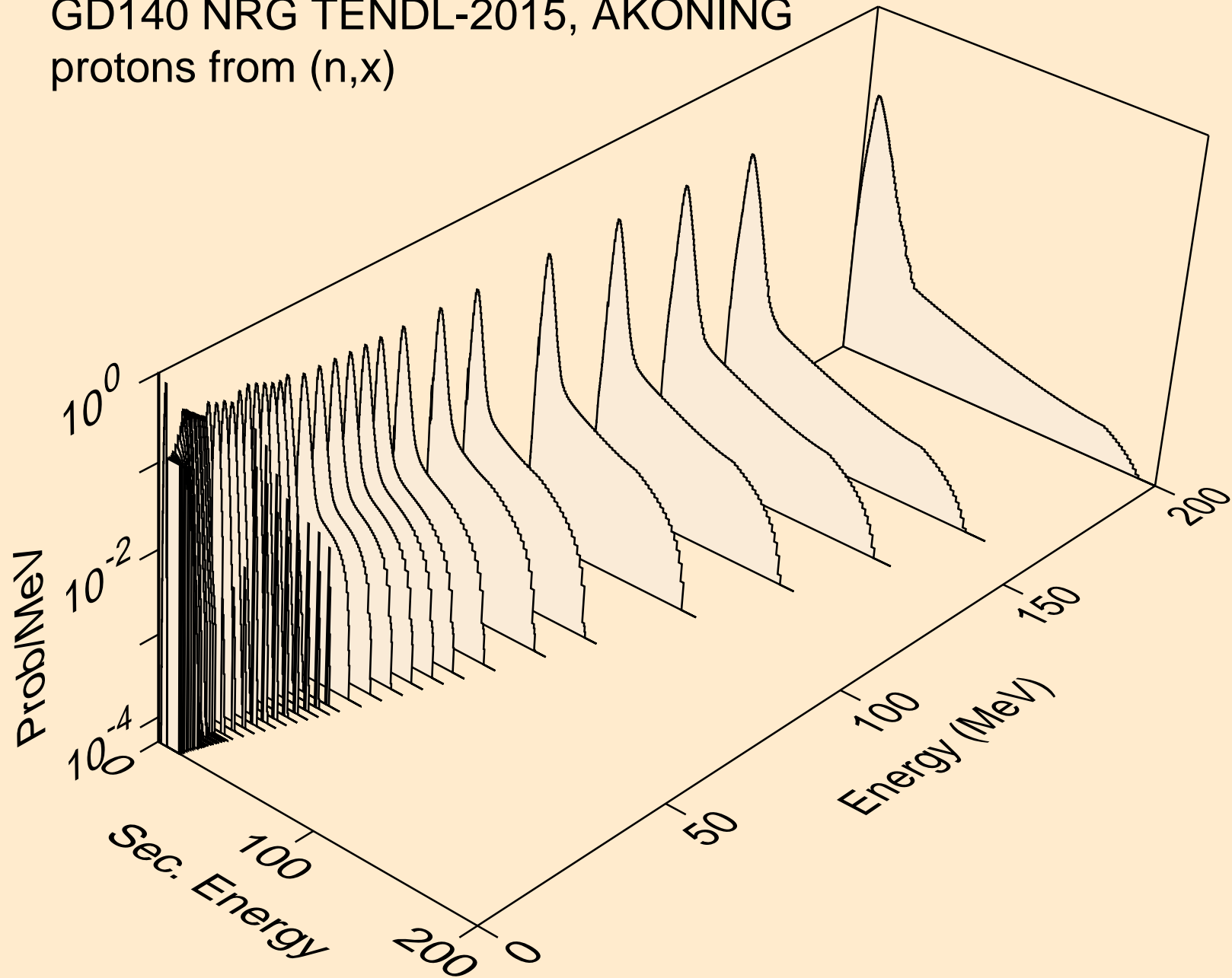


# GD140 NRG TENDL-2015, AKONING

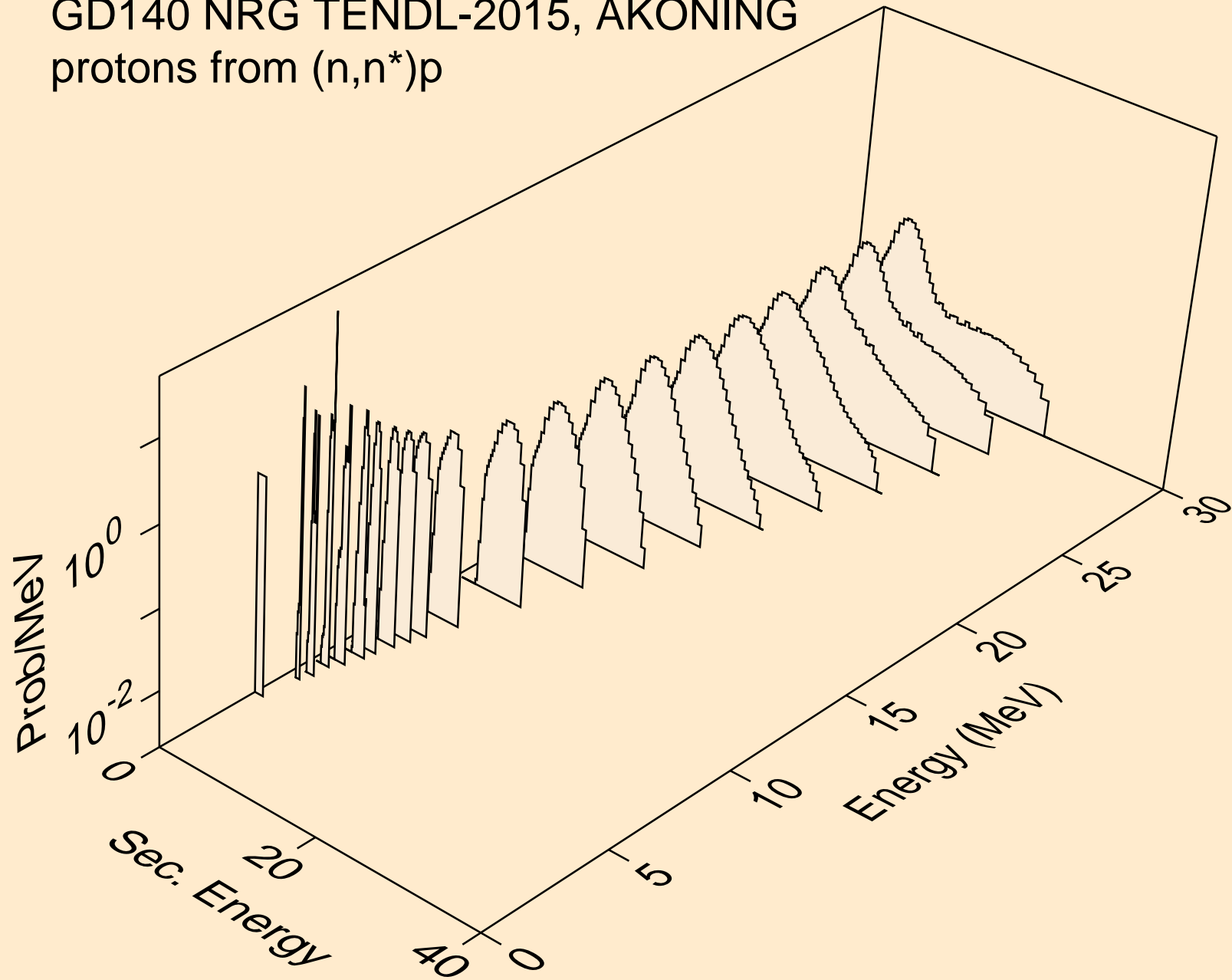
## Particle production cross sections



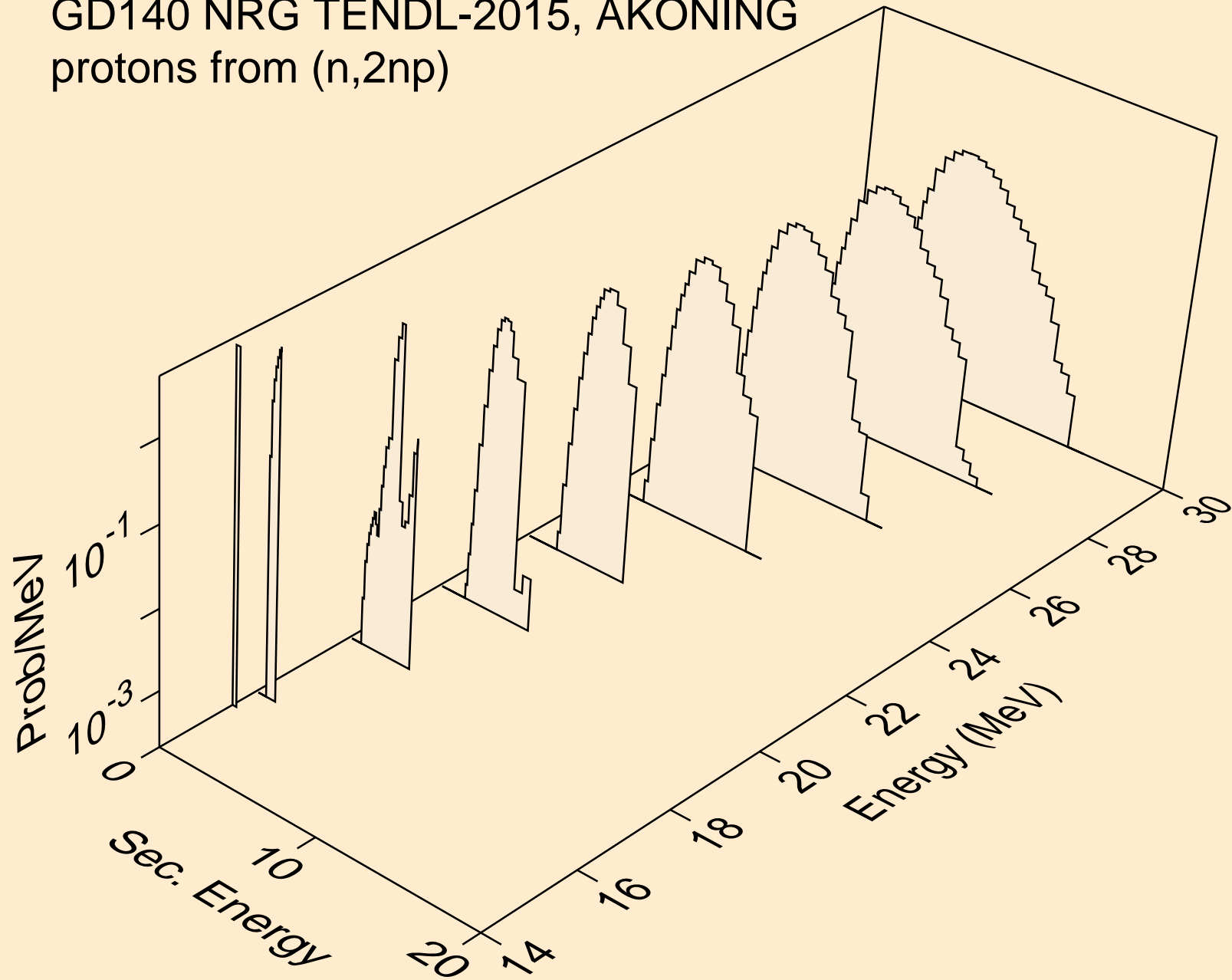
GD140 NRG TENDL-2015, AKONING  
protons from (n,x)



GD140 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

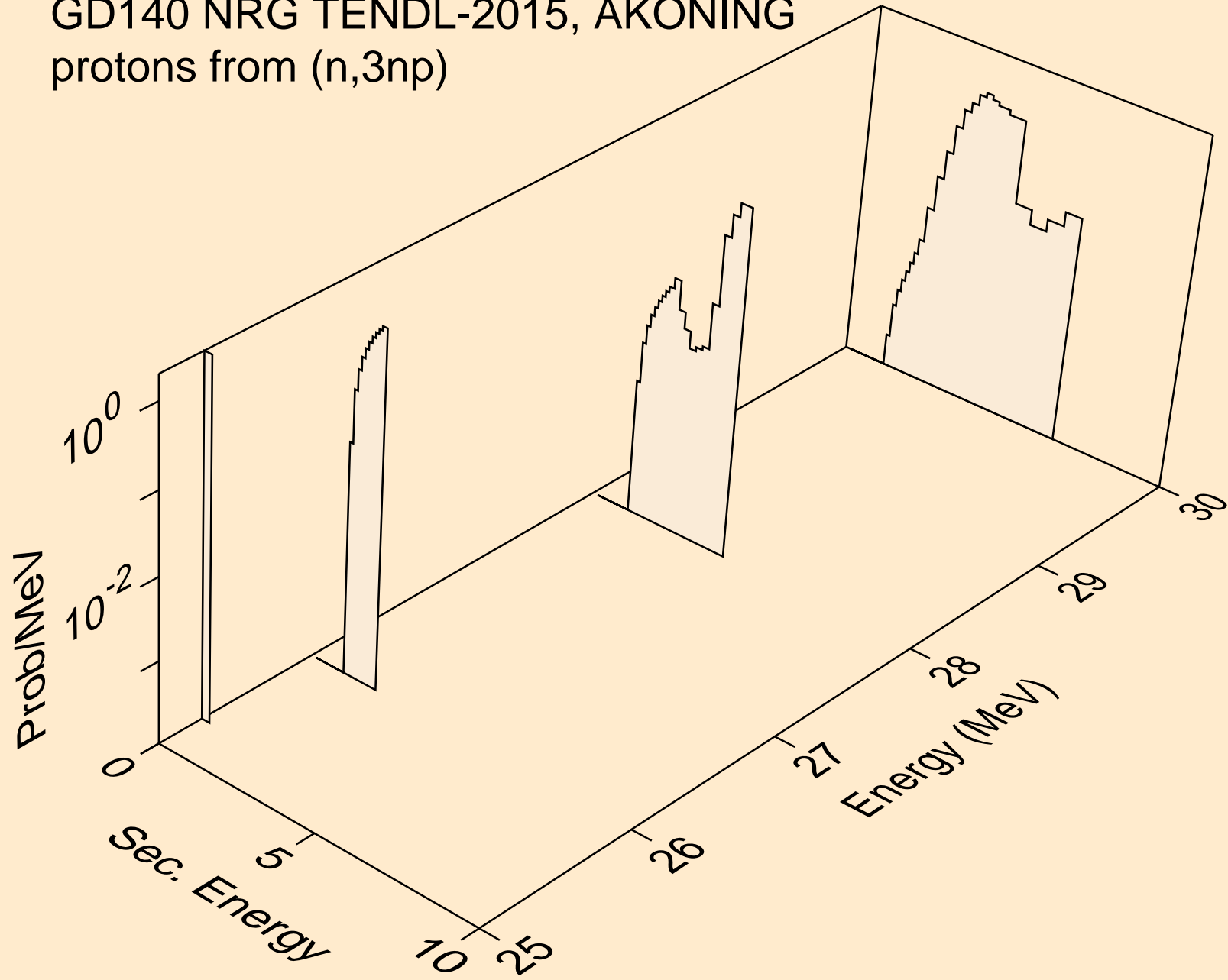


GD140 NRG TENDL-2015, AKONING  
protons from (n,2np)

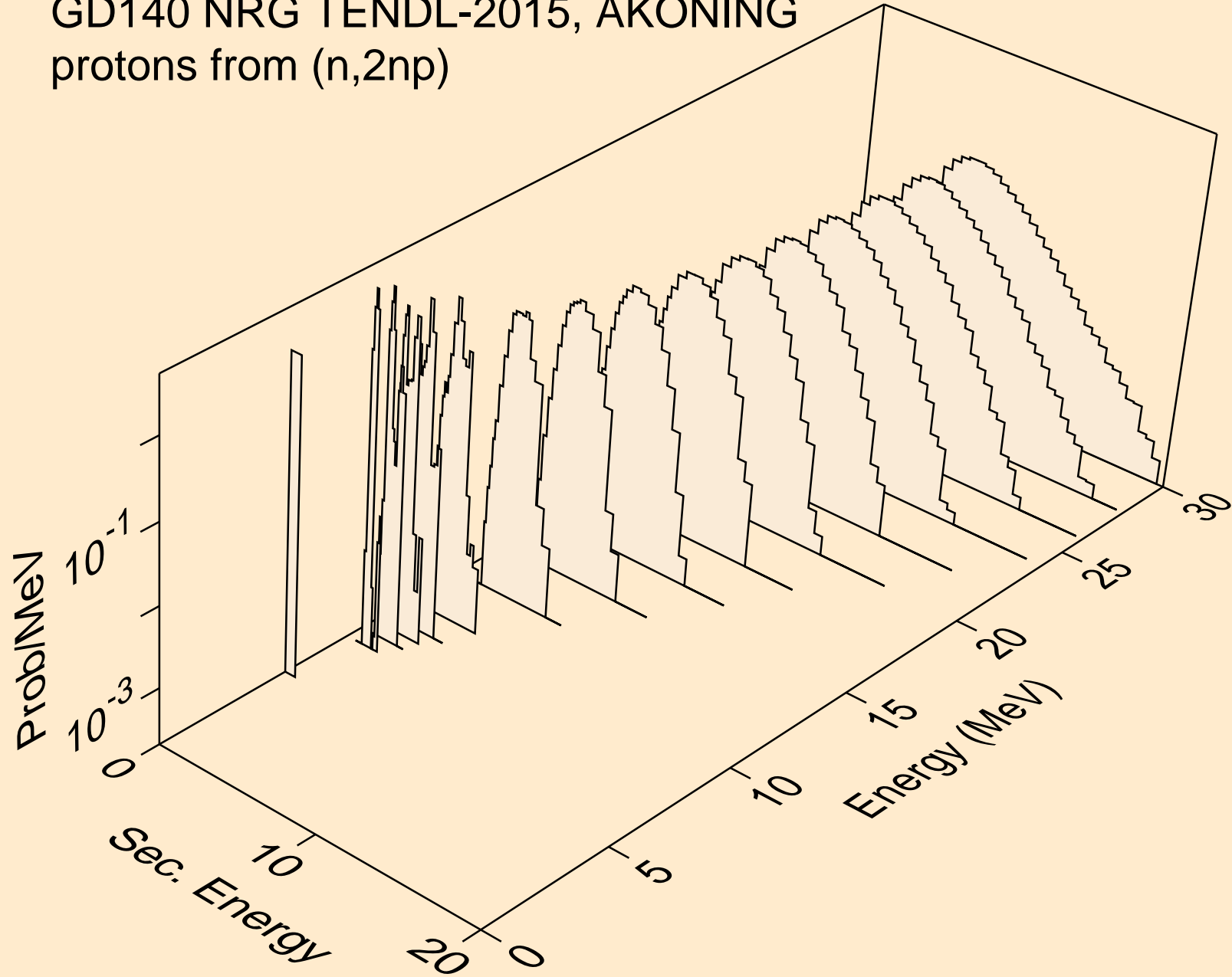




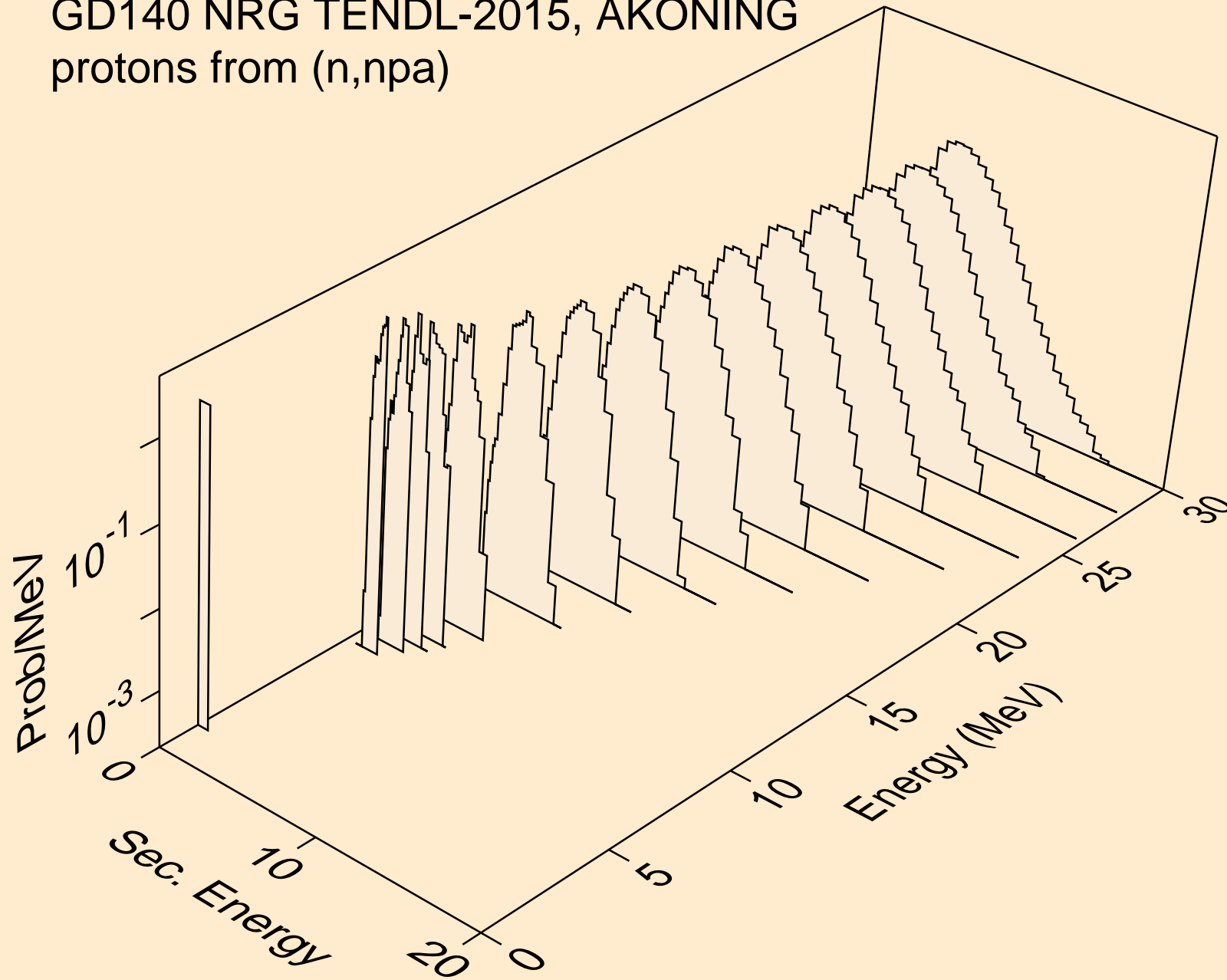
GD140 NRG TENDL-2015, AKONING  
protons from (n,3np)



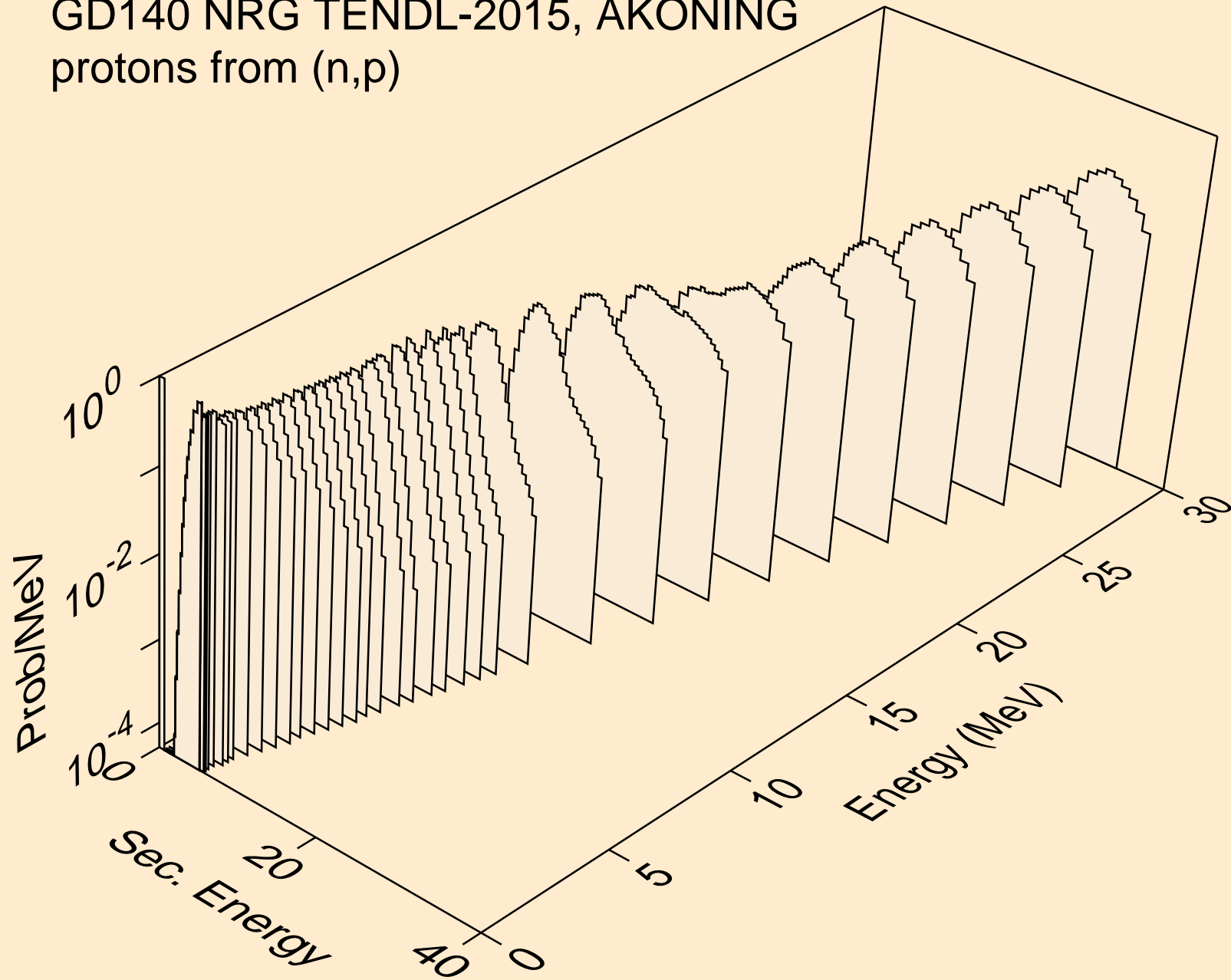
GD140 NRG TENDL-2015, AKONING  
protons from (n,2np)



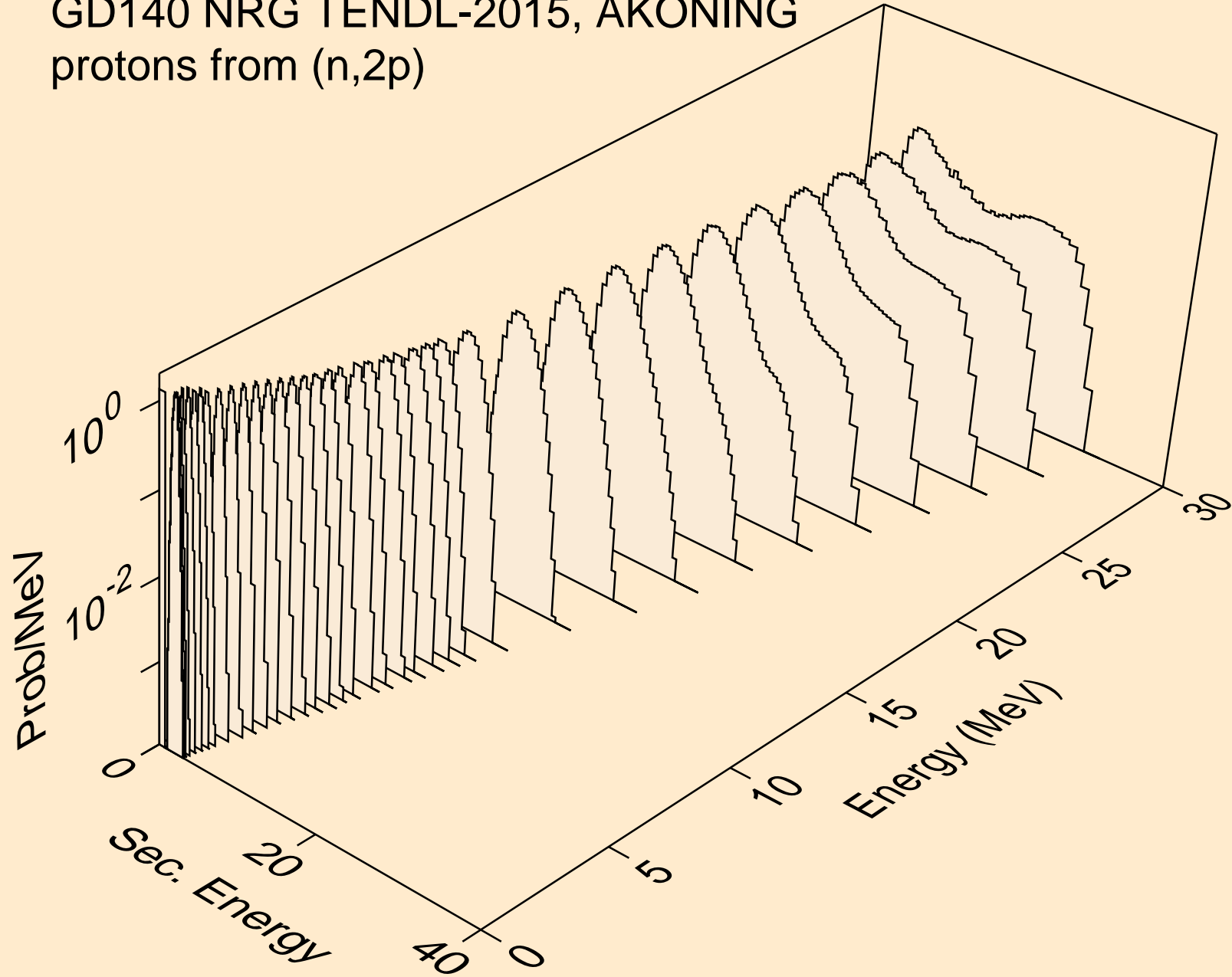
GD140 NRG TENDL-2015, AKONING  
protons from (n,npa)



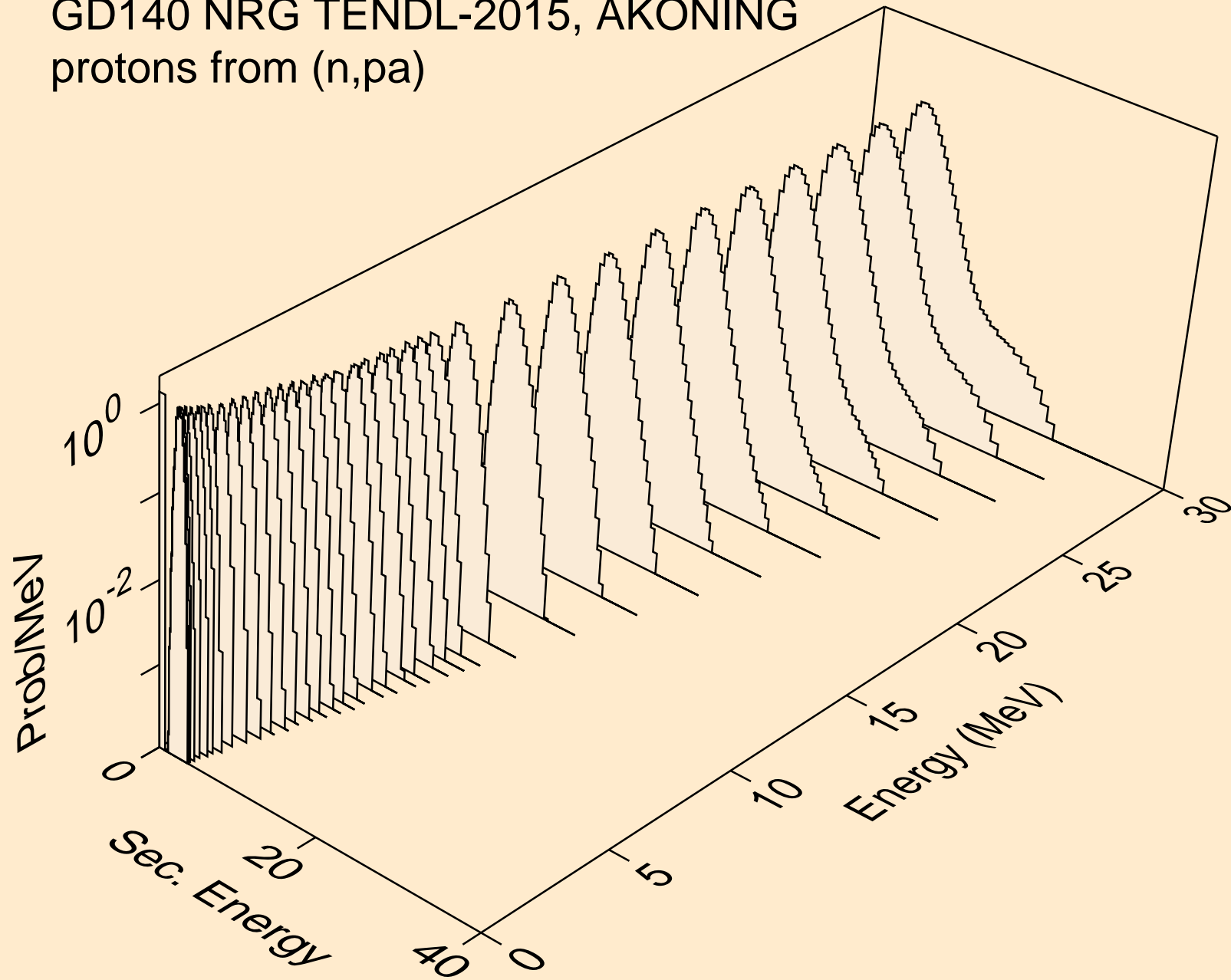
GD140 NRG TENDL-2015, AKONING  
protons from (n,p)



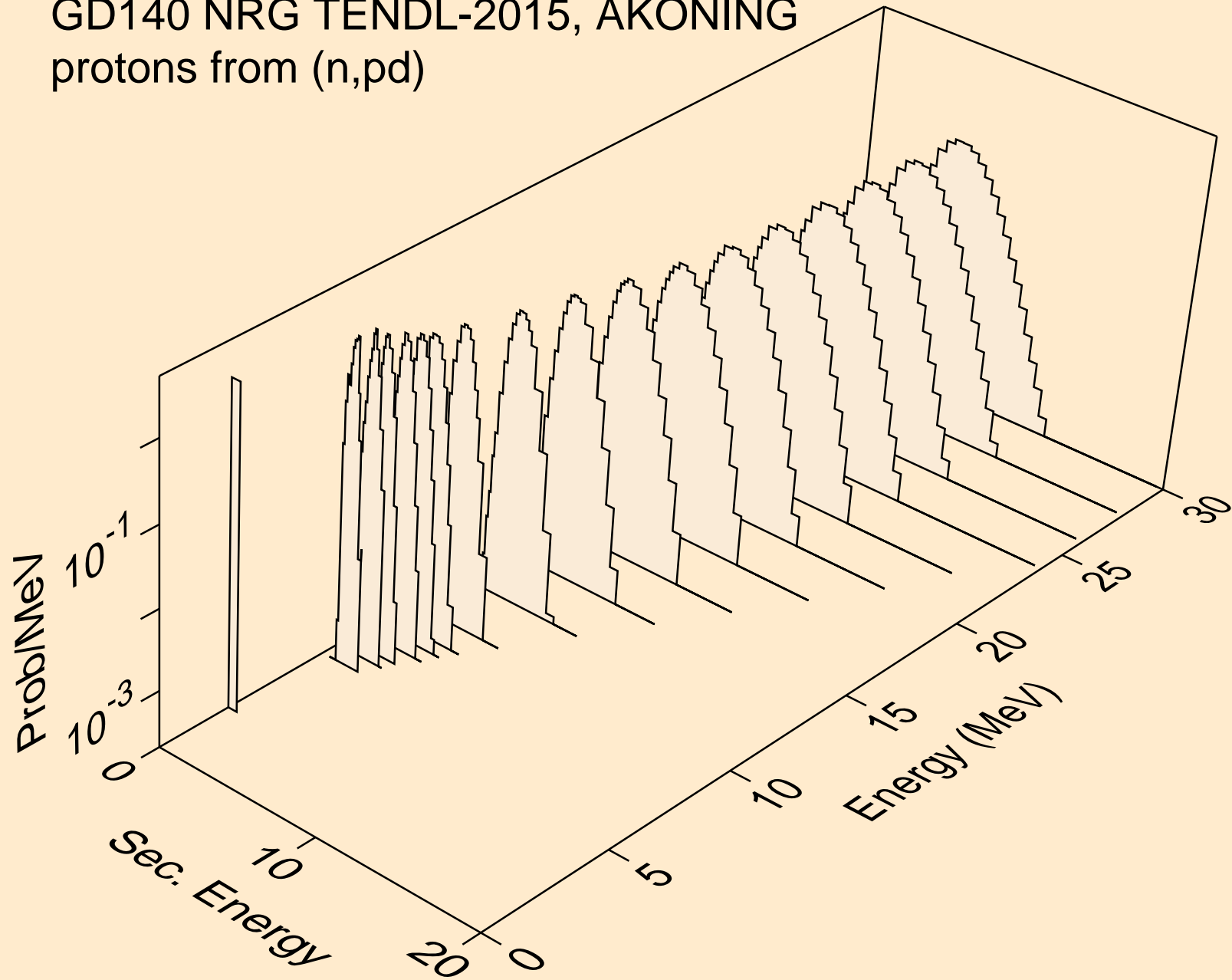
GD140 NRG TENDL-2015, AKONING  
protons from (n,2p)



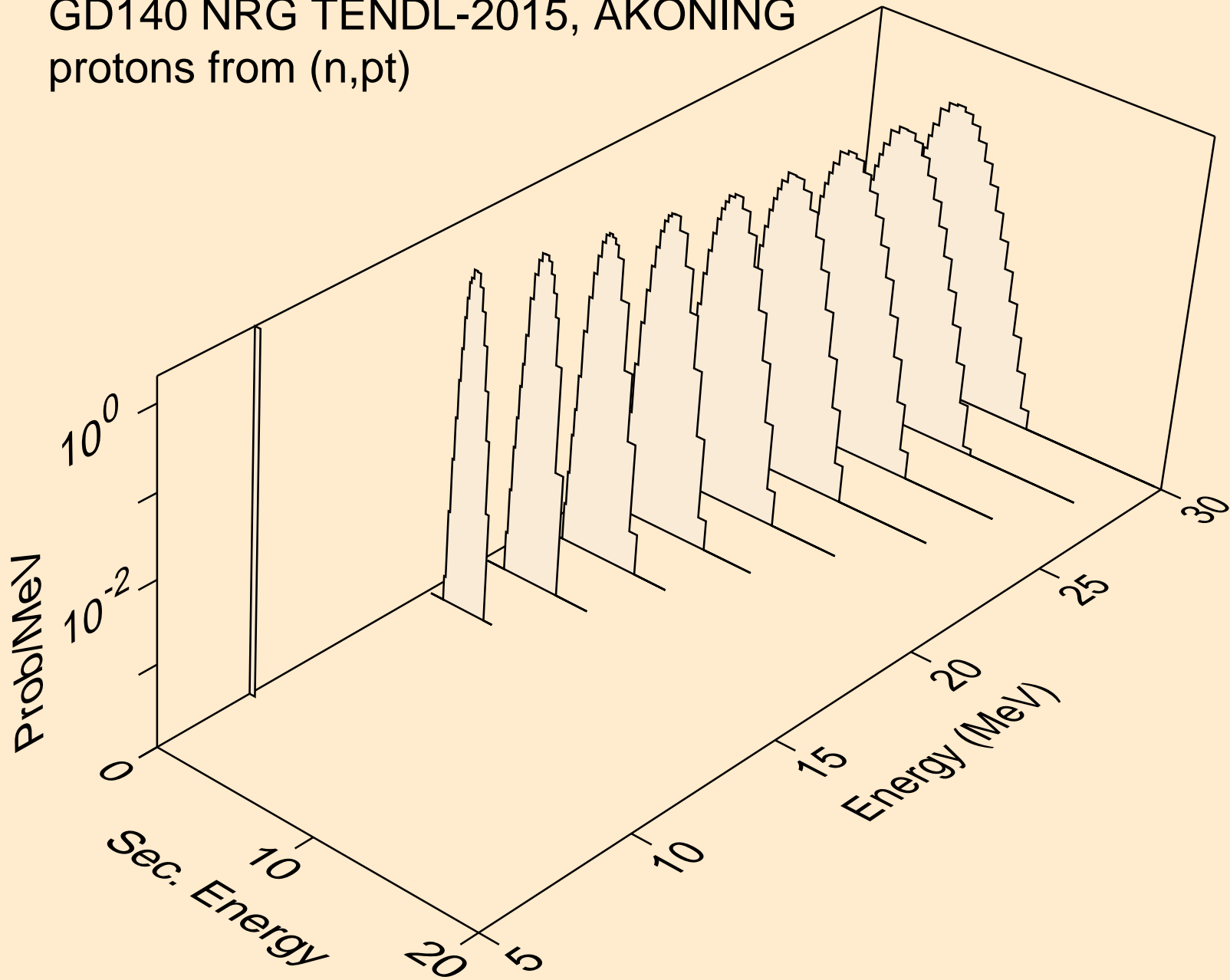
GD140 NRG TENDL-2015, AKONING  
protons from (n,pa)



GD140 NRG TENDL-2015, AKONING  
protons from (n,pd)

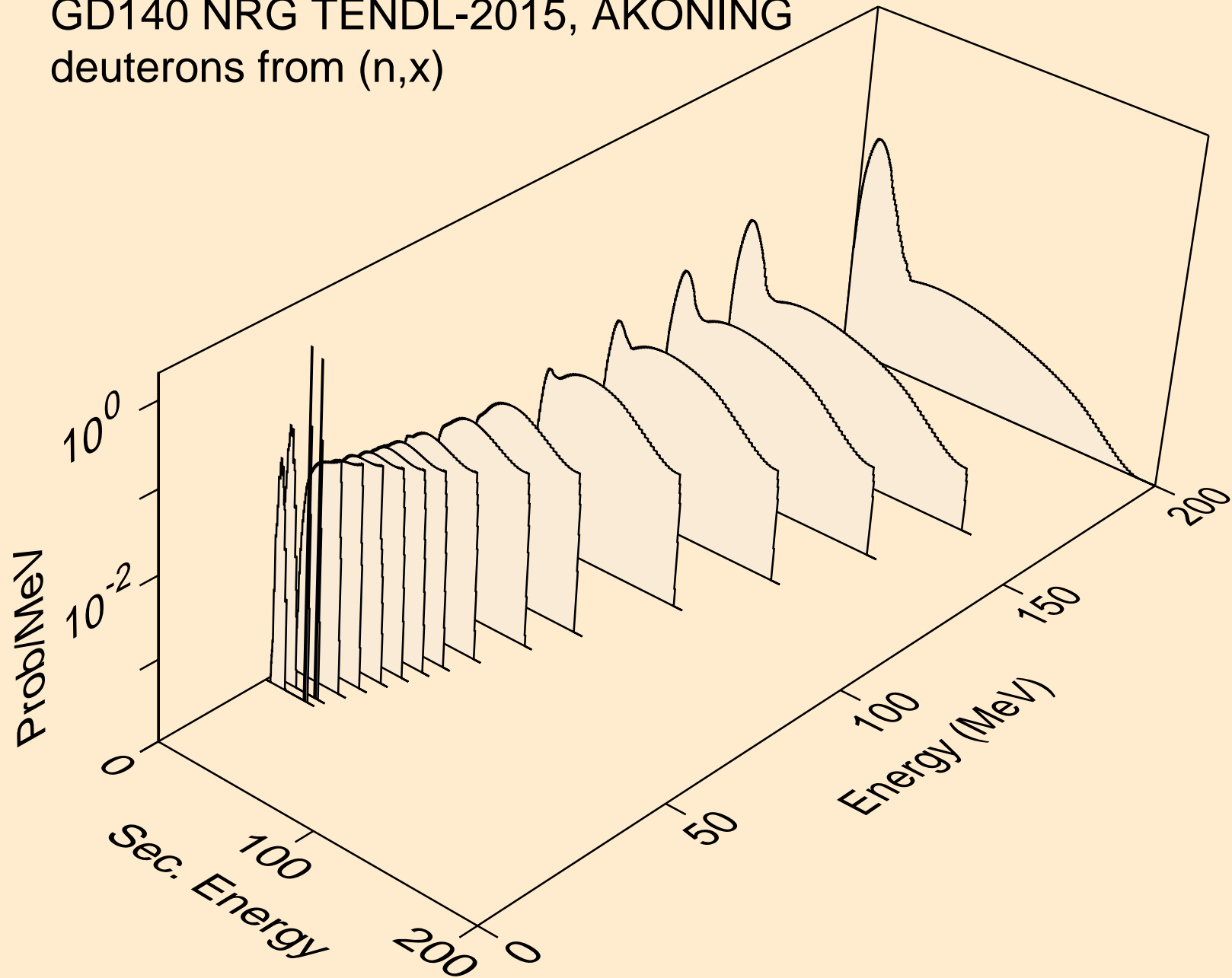


GD140 NRG TENDL-2015, AKONING  
protons from (n,pt)

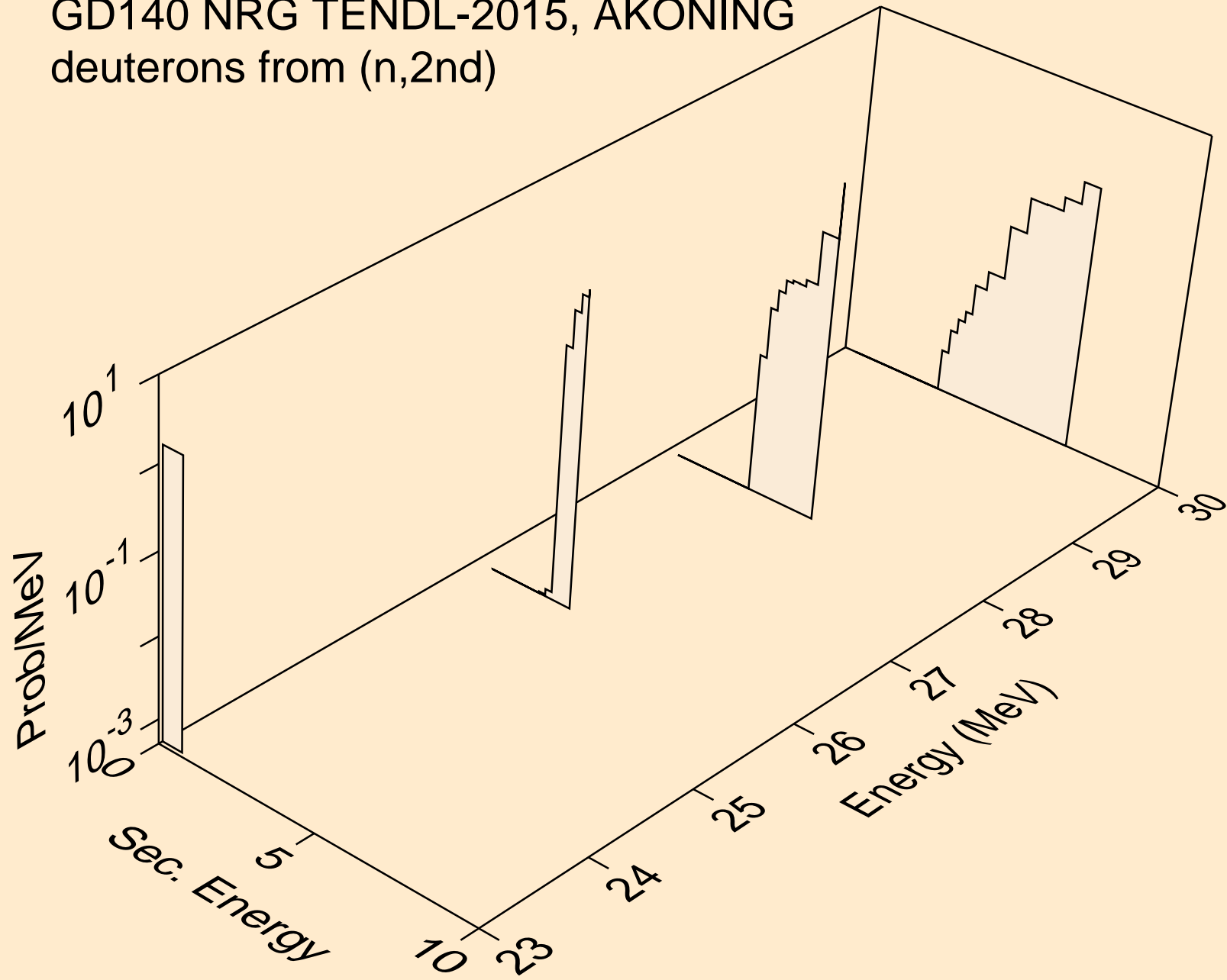




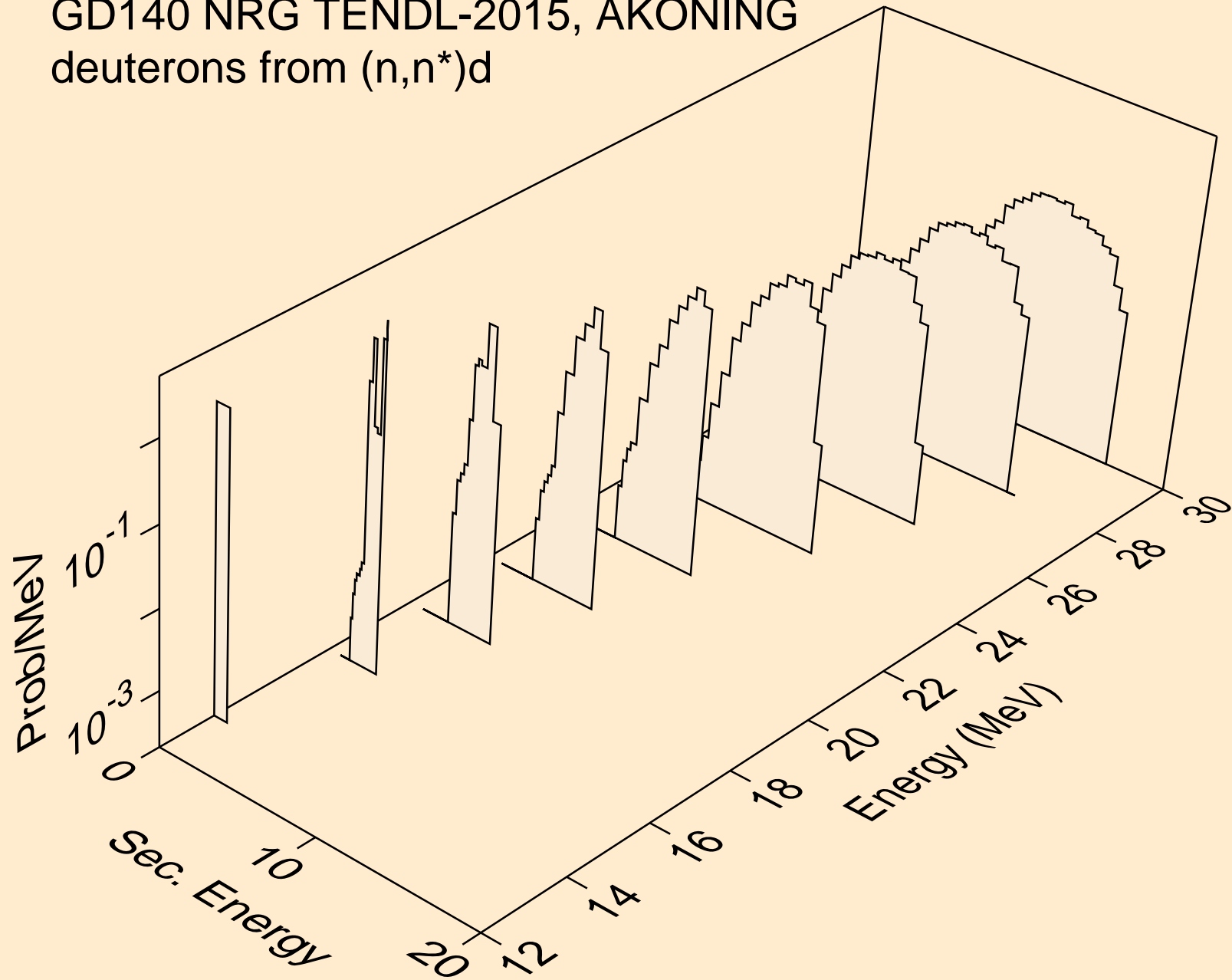
GD140 NRG TENDL-2015, AKONING  
deuterons from (n,x)



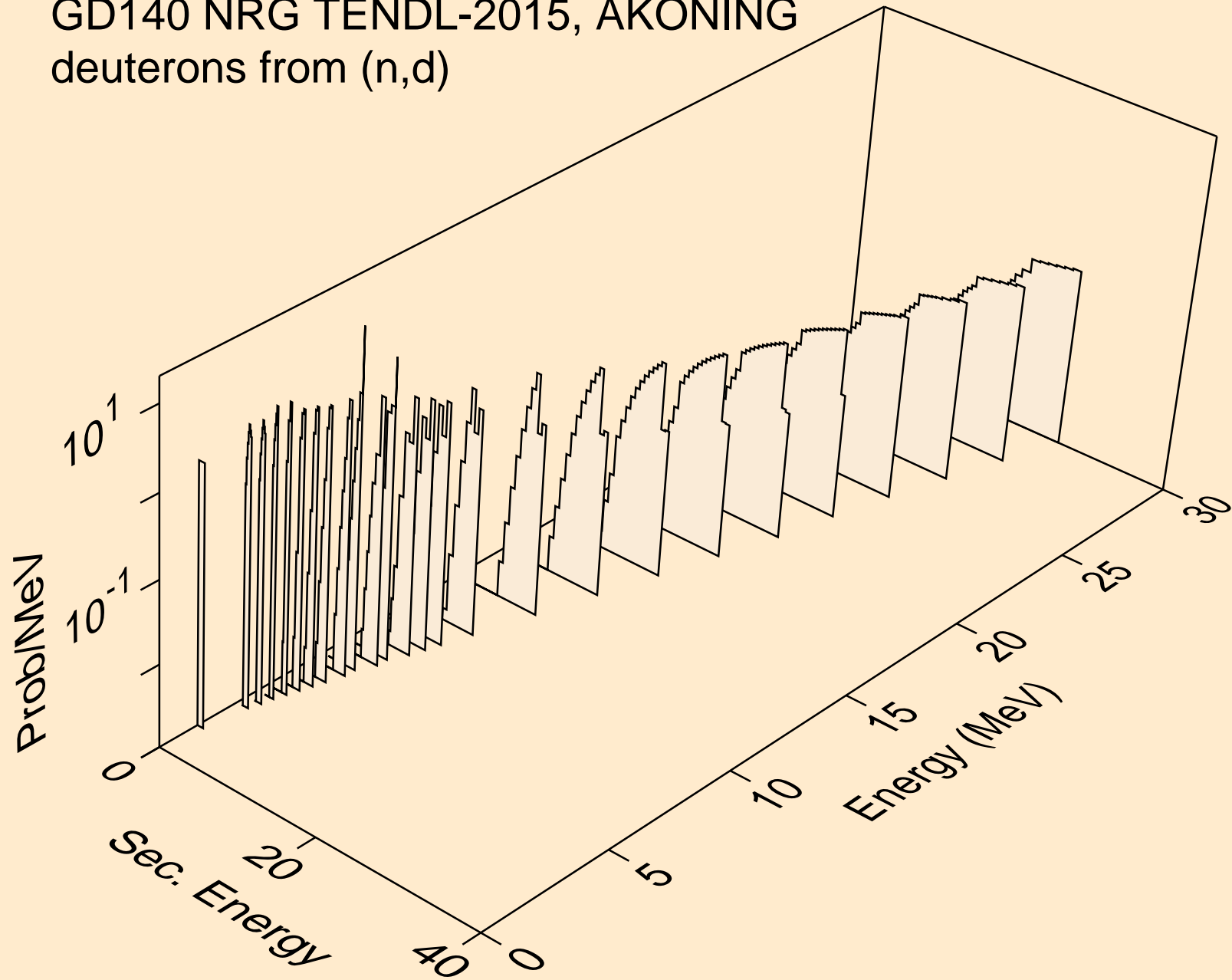
GD140 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



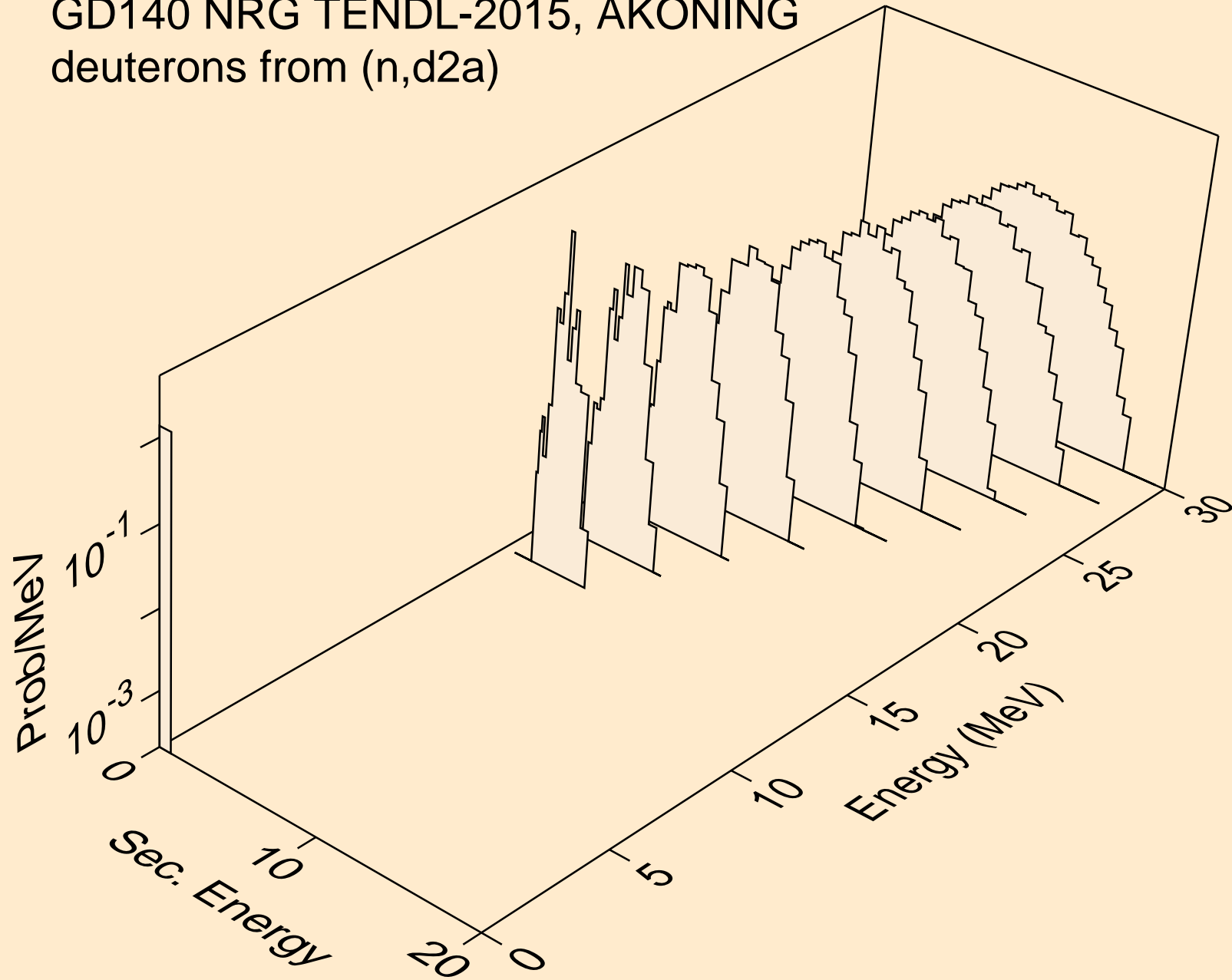
GD140 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



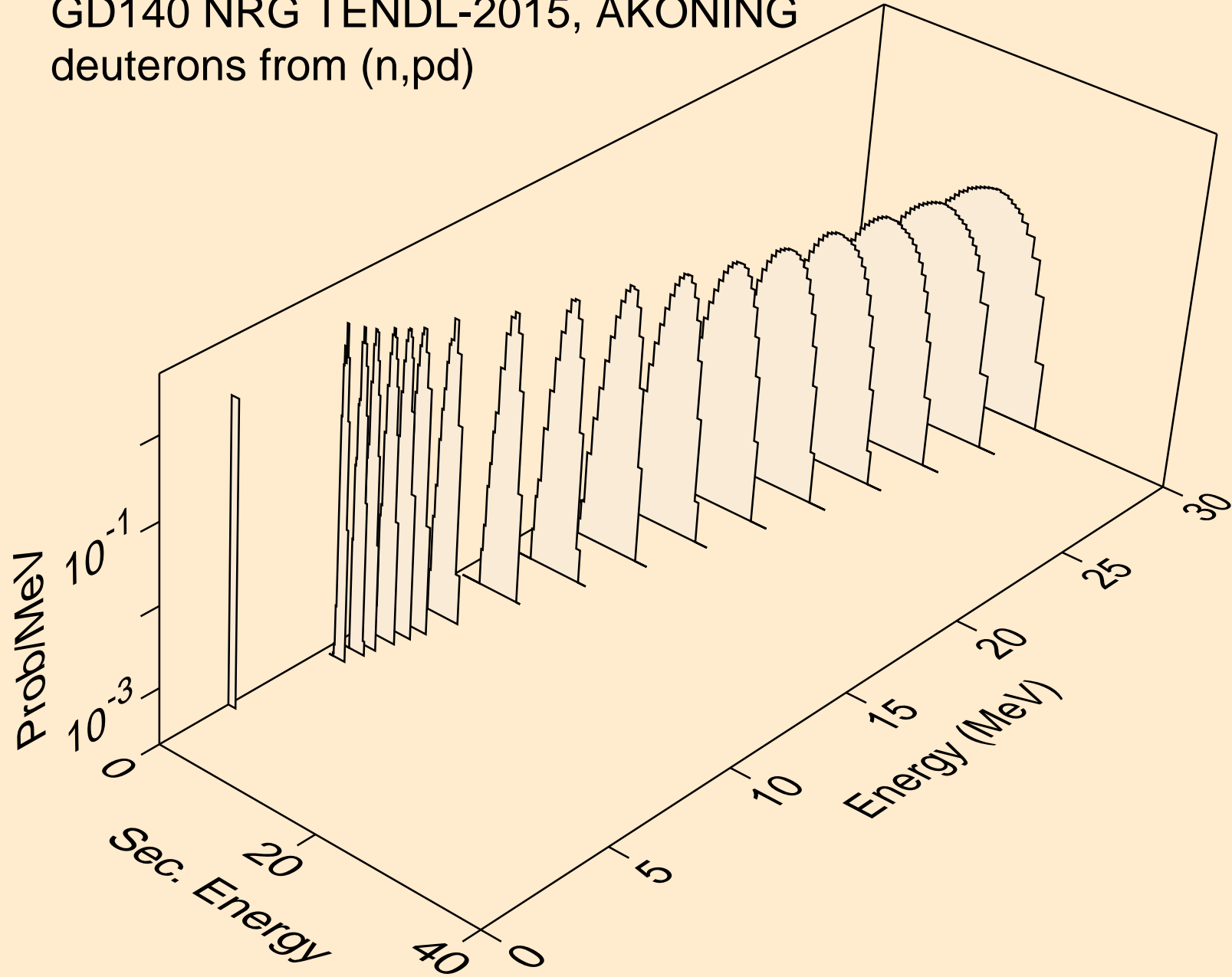
GD140 NRG TENDL-2015, AKONING  
deuterons from (n,d)



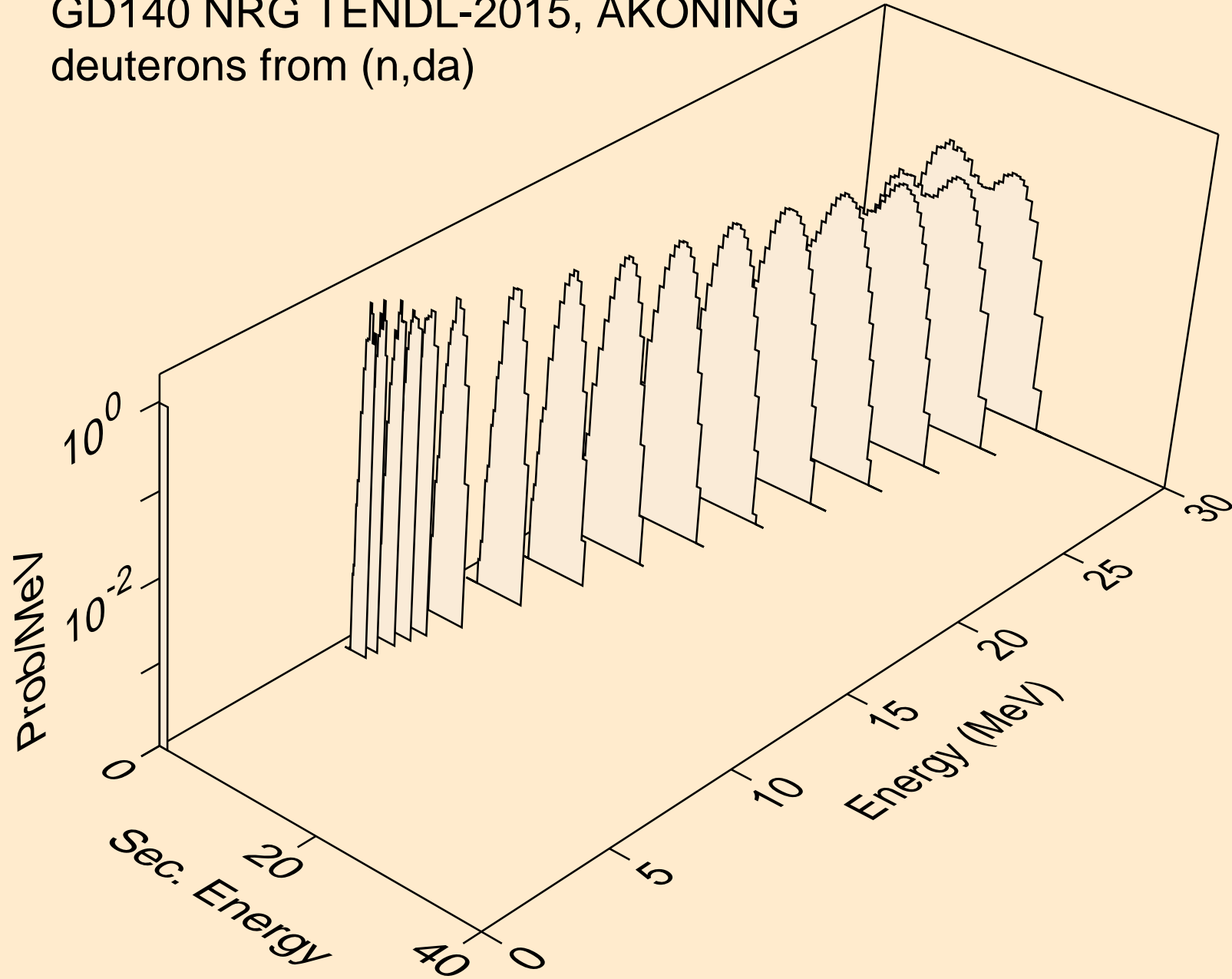
GD140 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



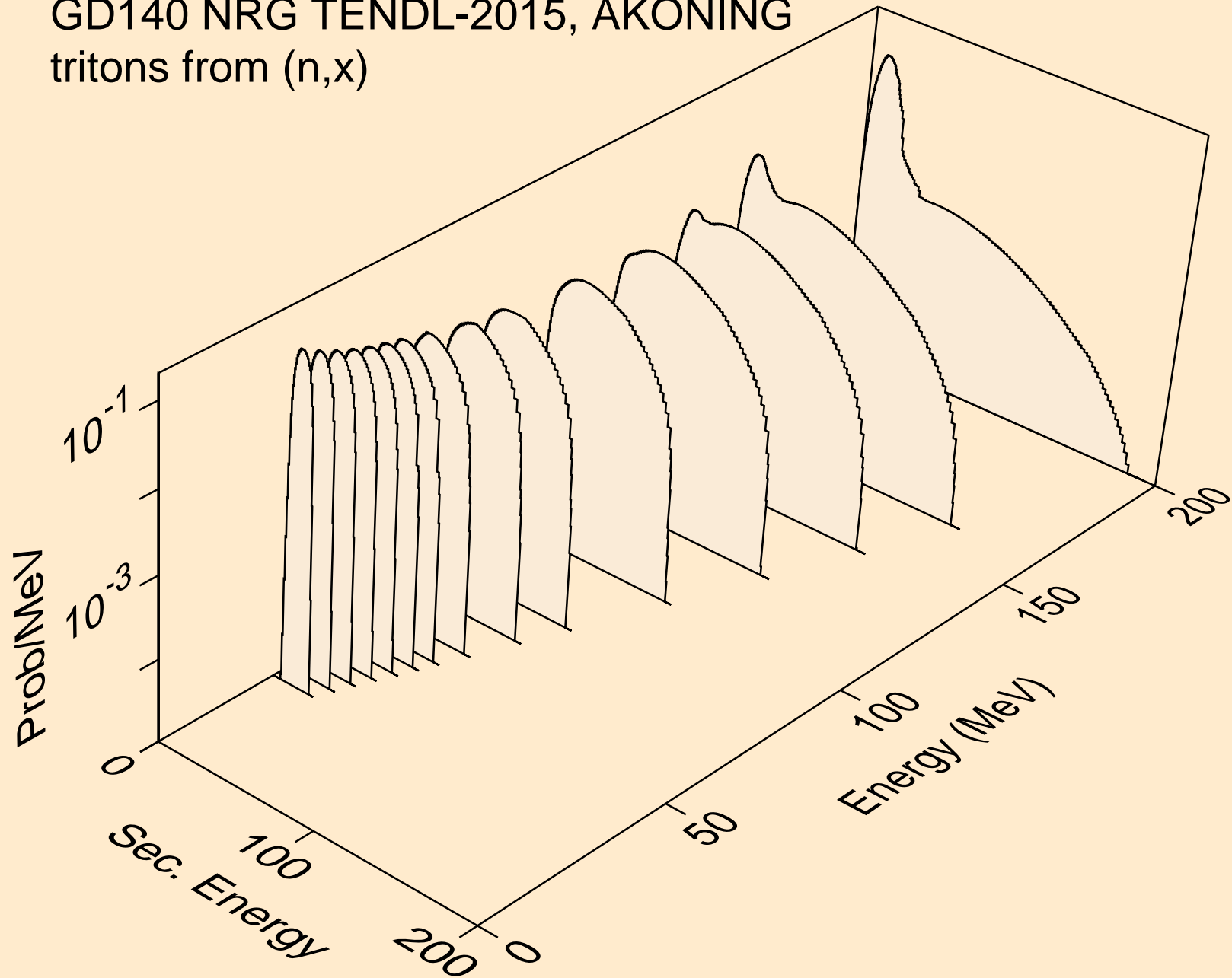
GD140 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



GD140 NRG TENDL-2015, AKONING  
deuterons from (n,da)

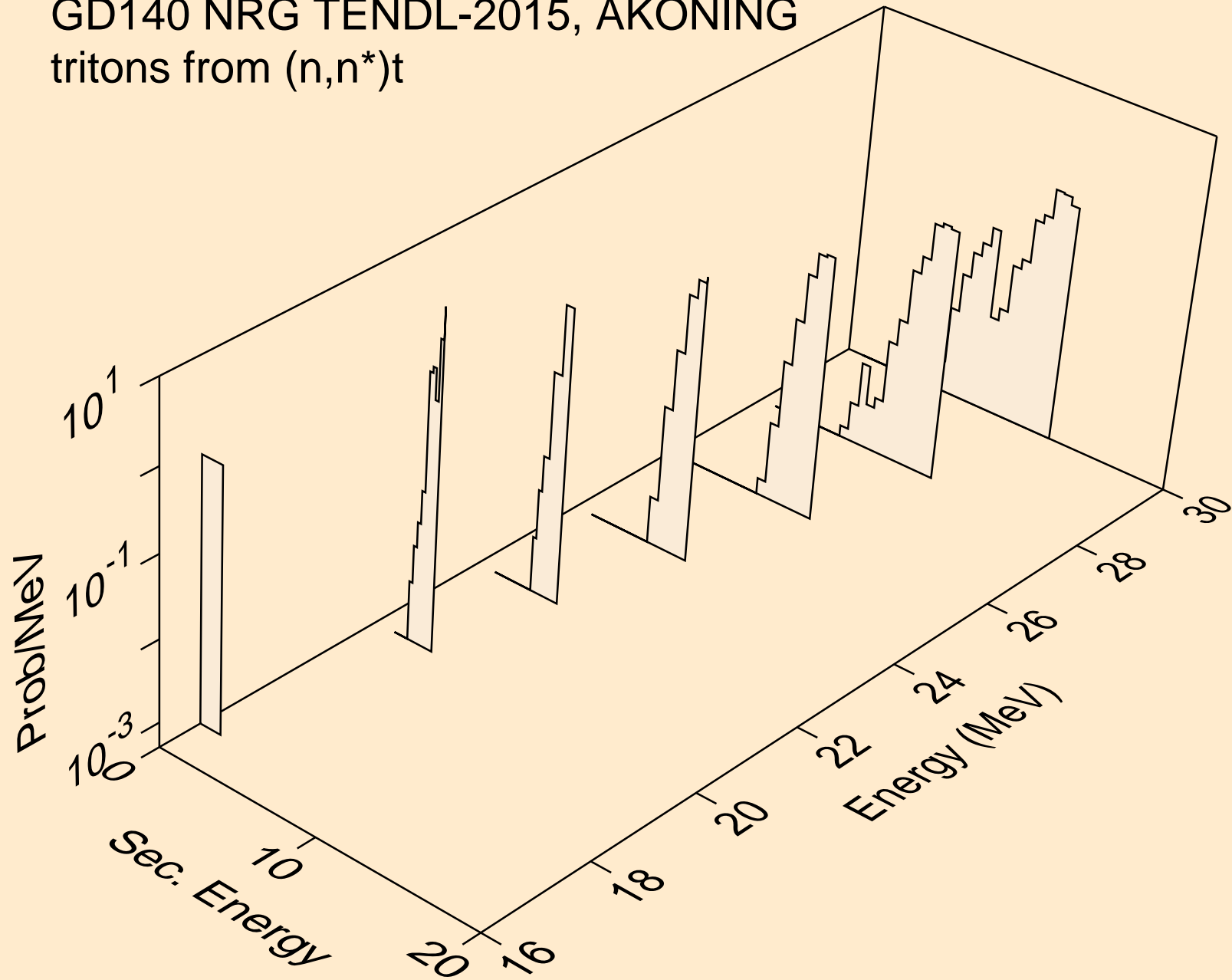


GD140 NRG TENDL-2015, AKONING  
tritons from (n,x)

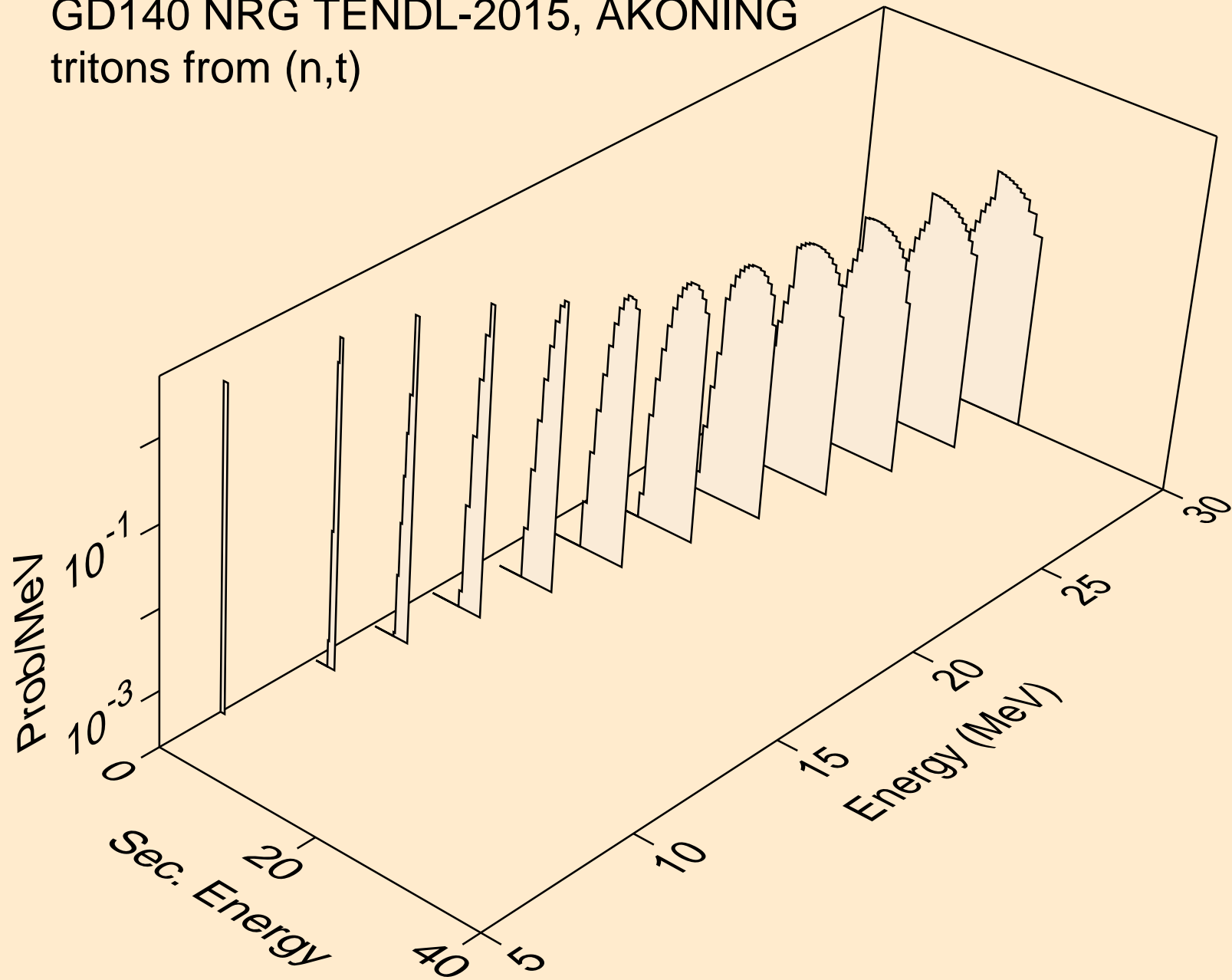




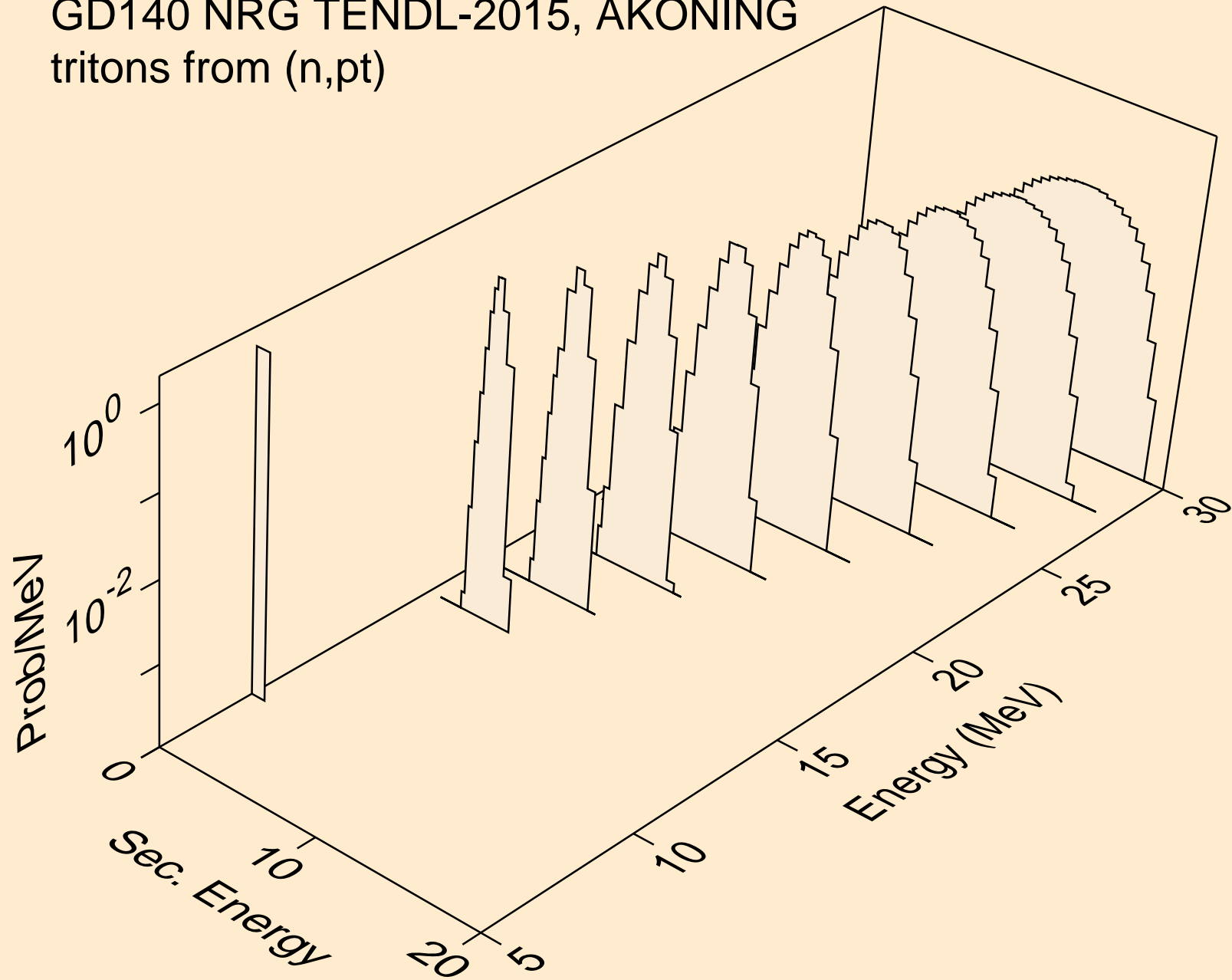
GD140 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



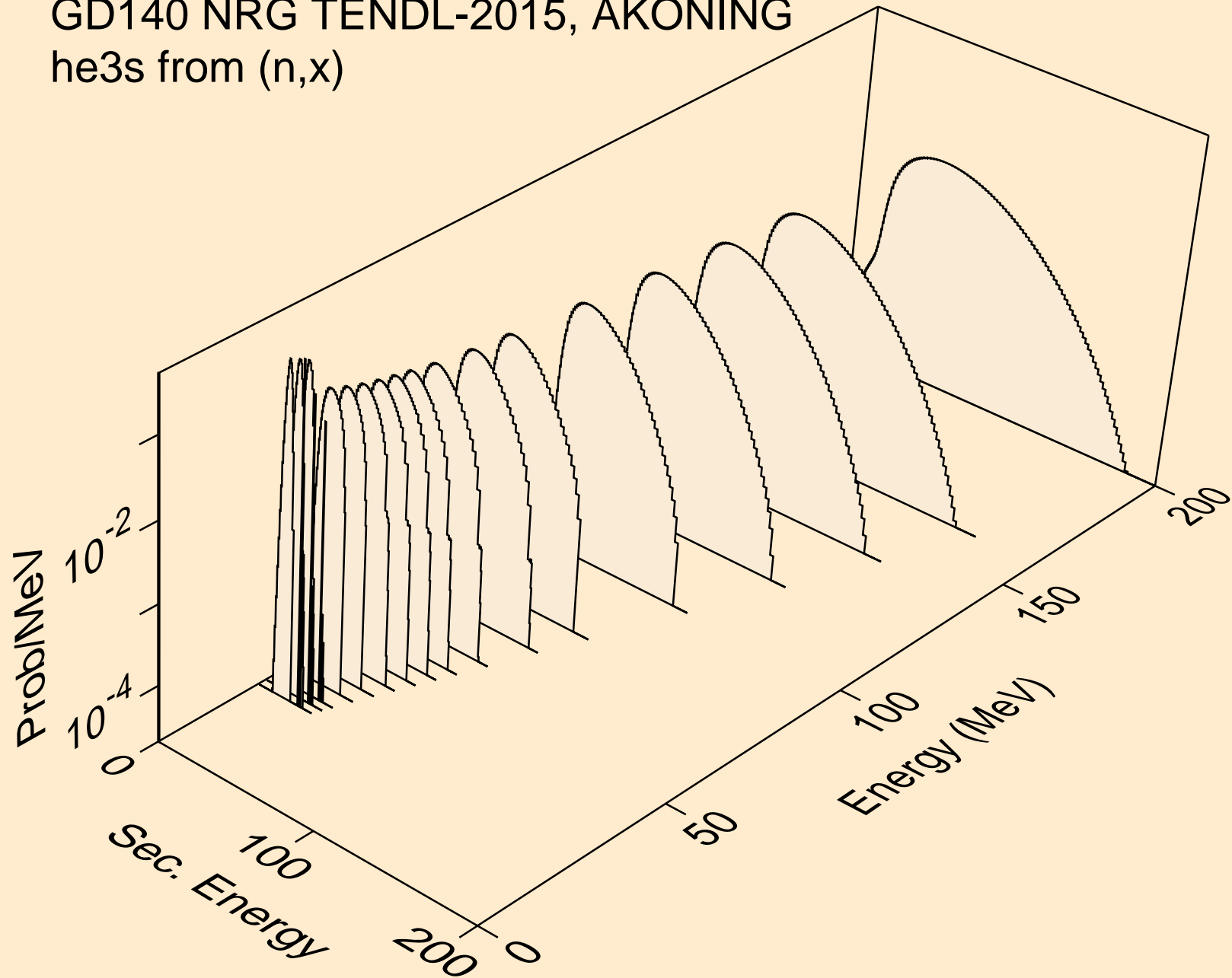
GD140 NRG TENDL-2015, AKONING  
tritons from (n,t)



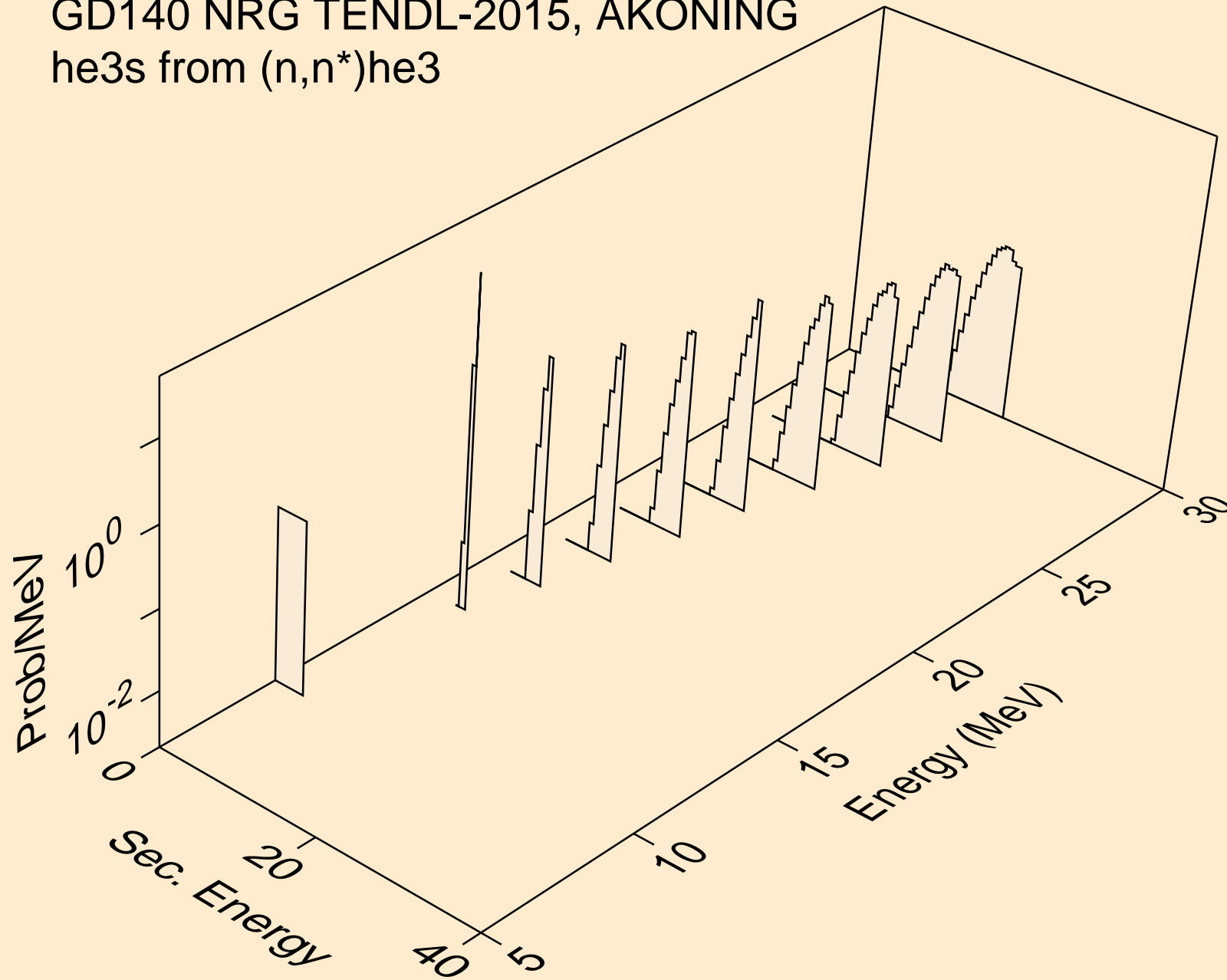
GD140 NRG TENDL-2015, AKONING  
tritons from (n,pt)



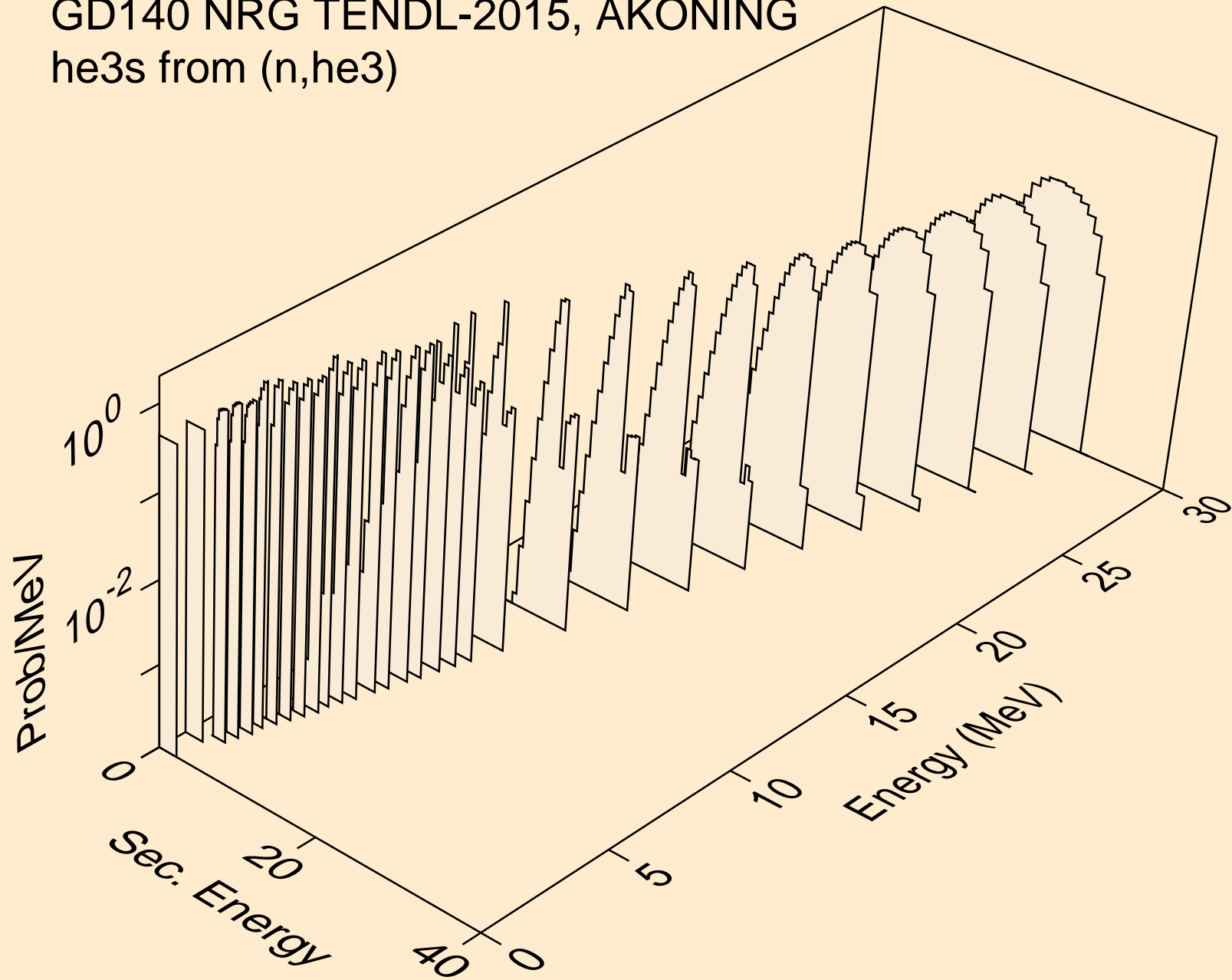
GD140 NRG TENDL-2015, AKONING  
he3s from (n,x)



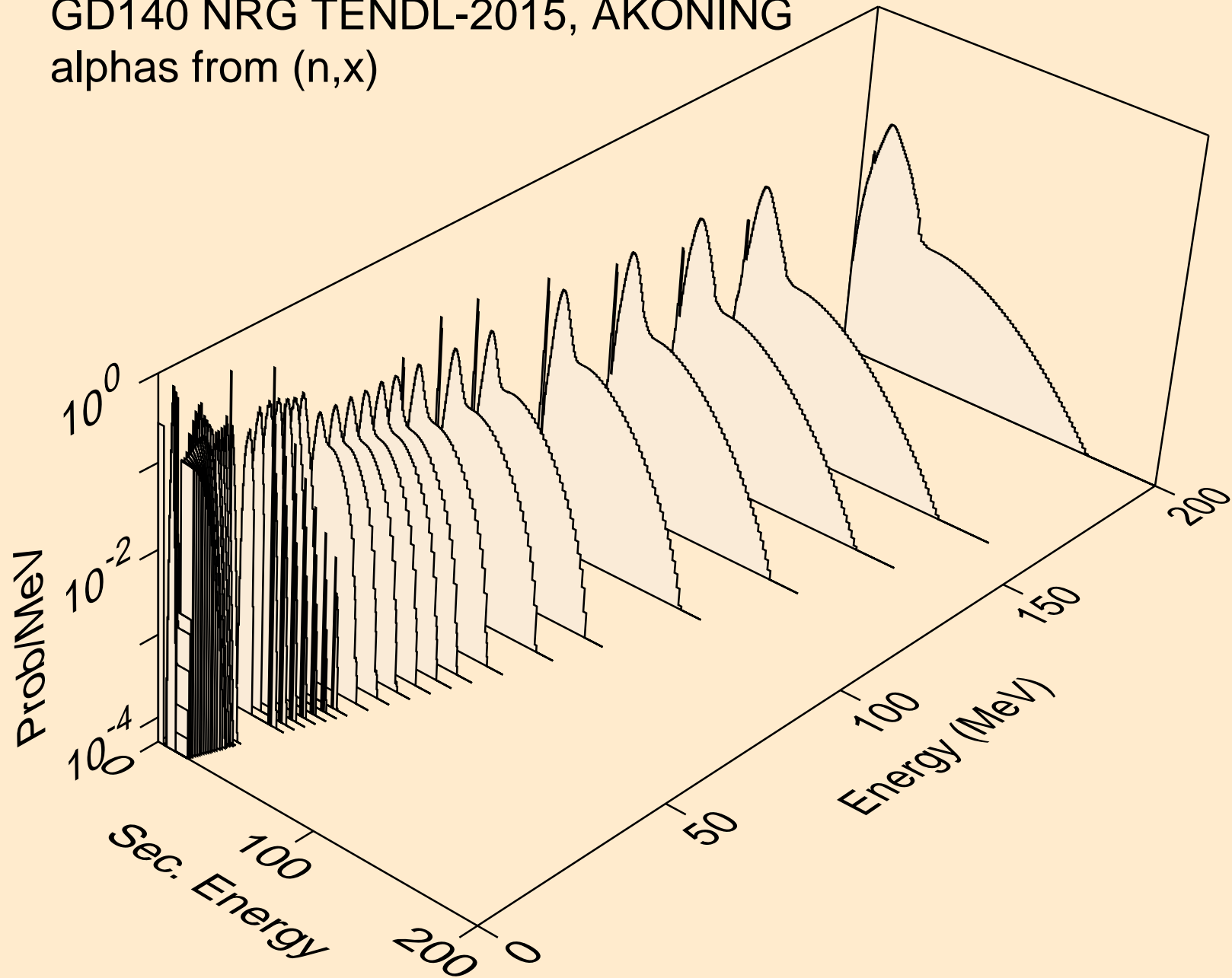
GD140 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



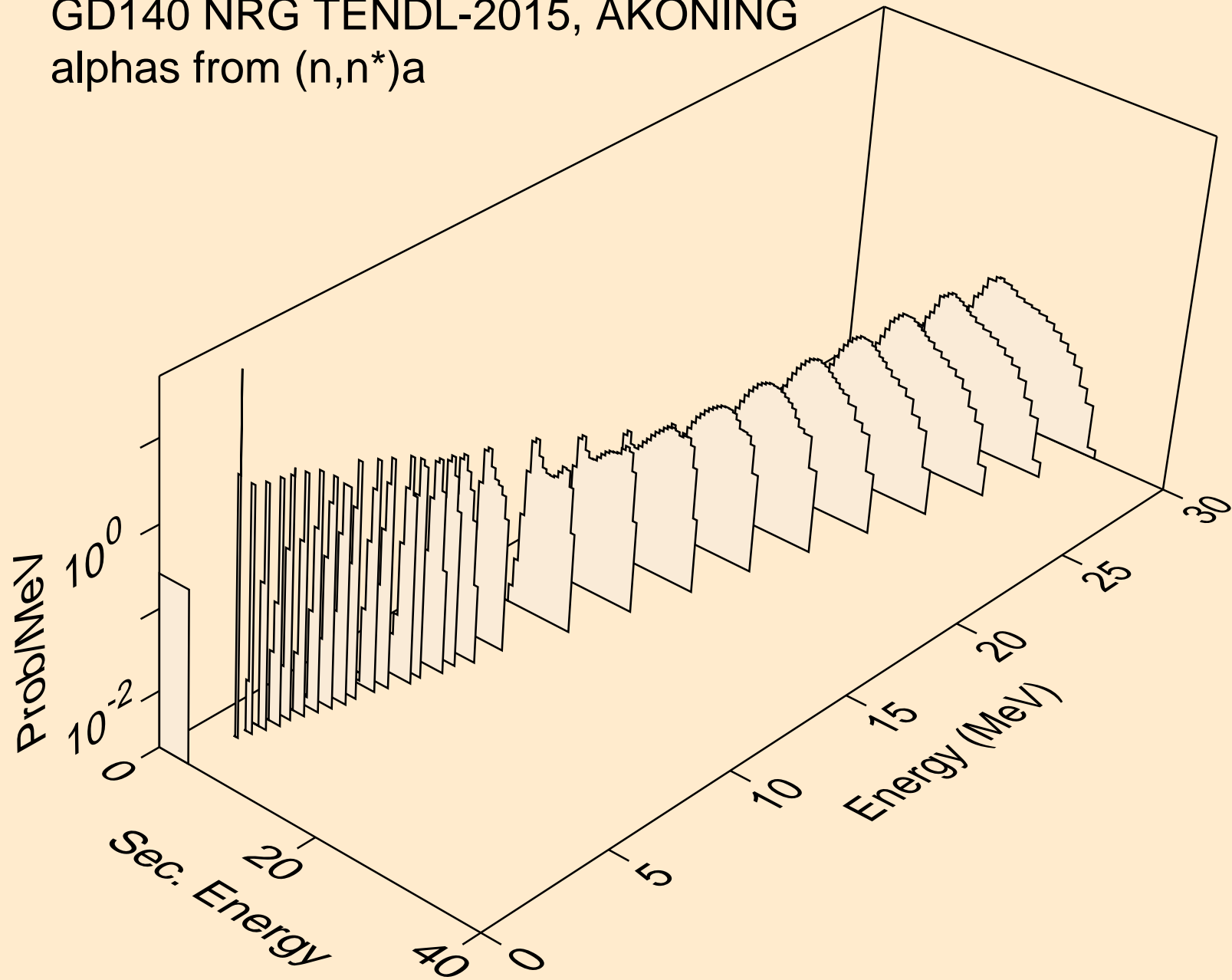
GD140 NRG TENDL-2015, AKONING  
he3s from (n,he3)



GD140 NRG TENDL-2015, AKONING  
alphas from (n,x)

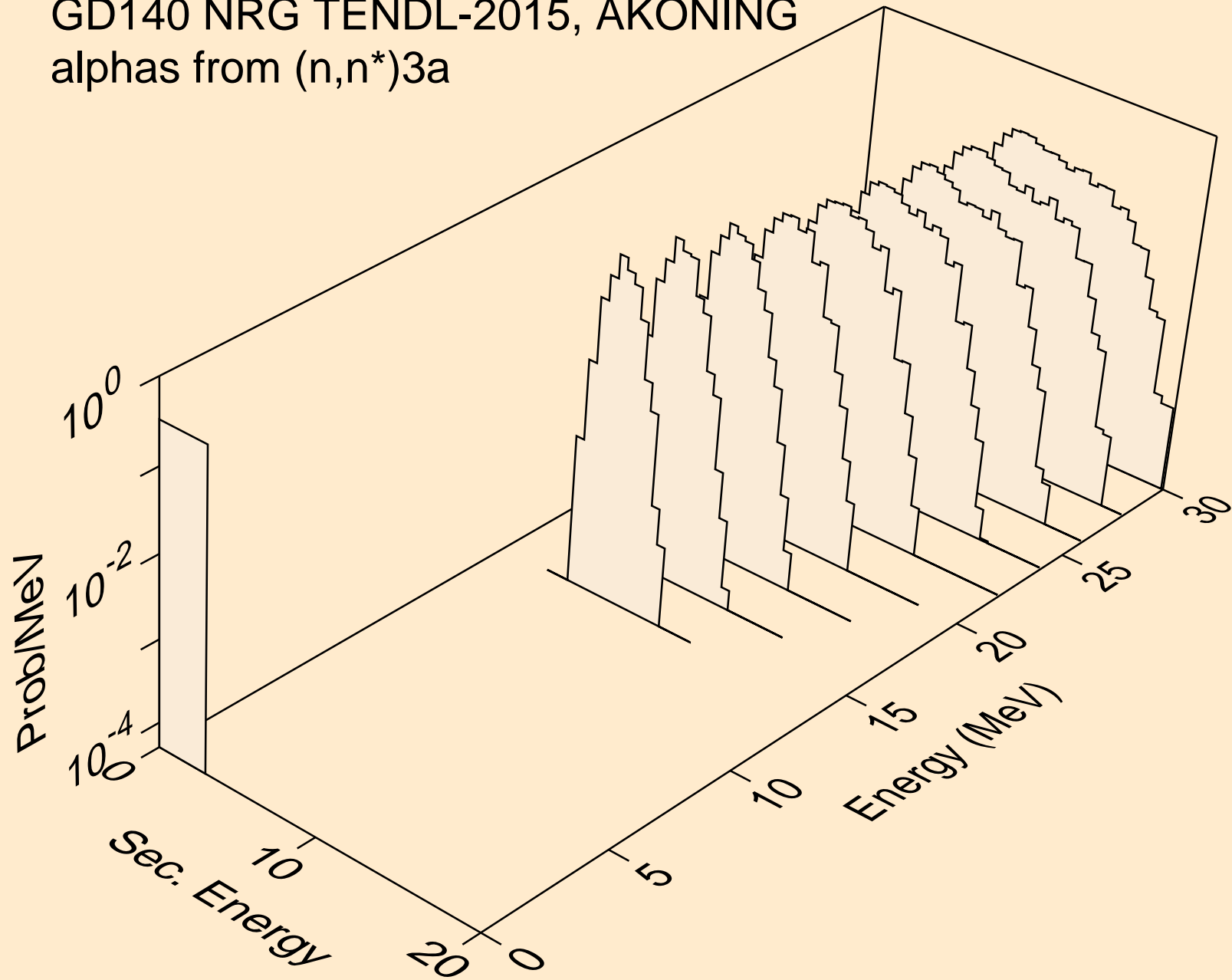


GD140 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

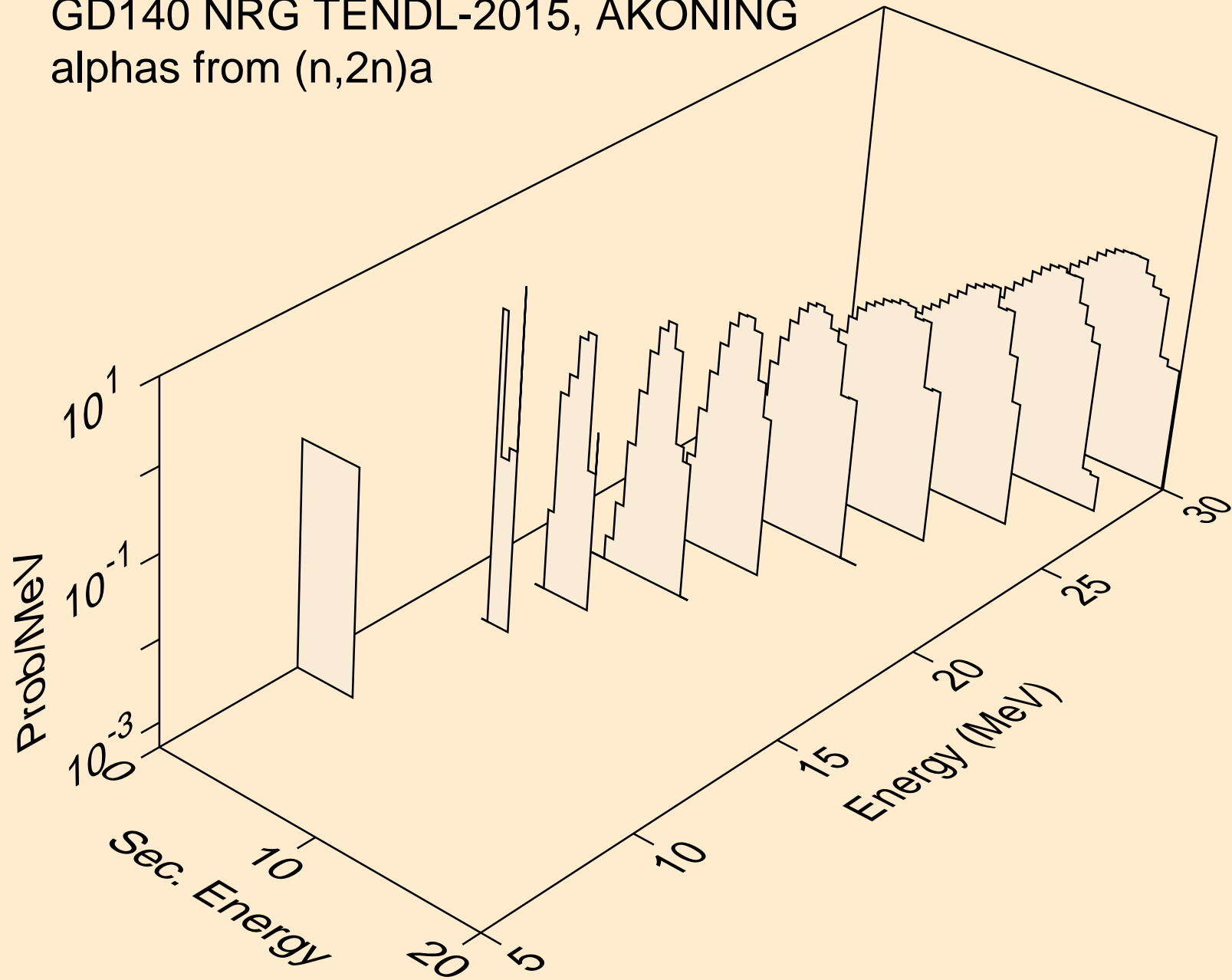




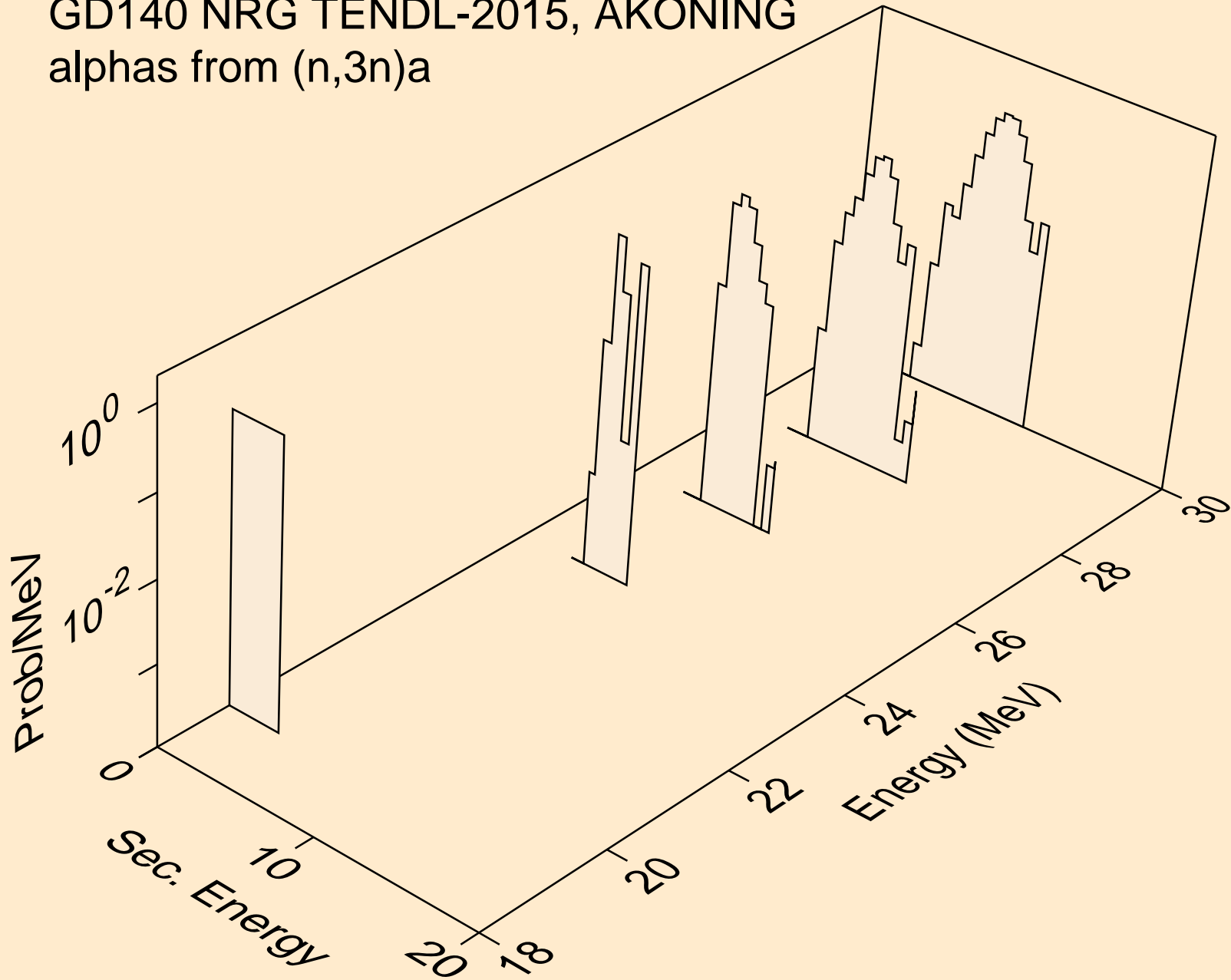
GD140 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



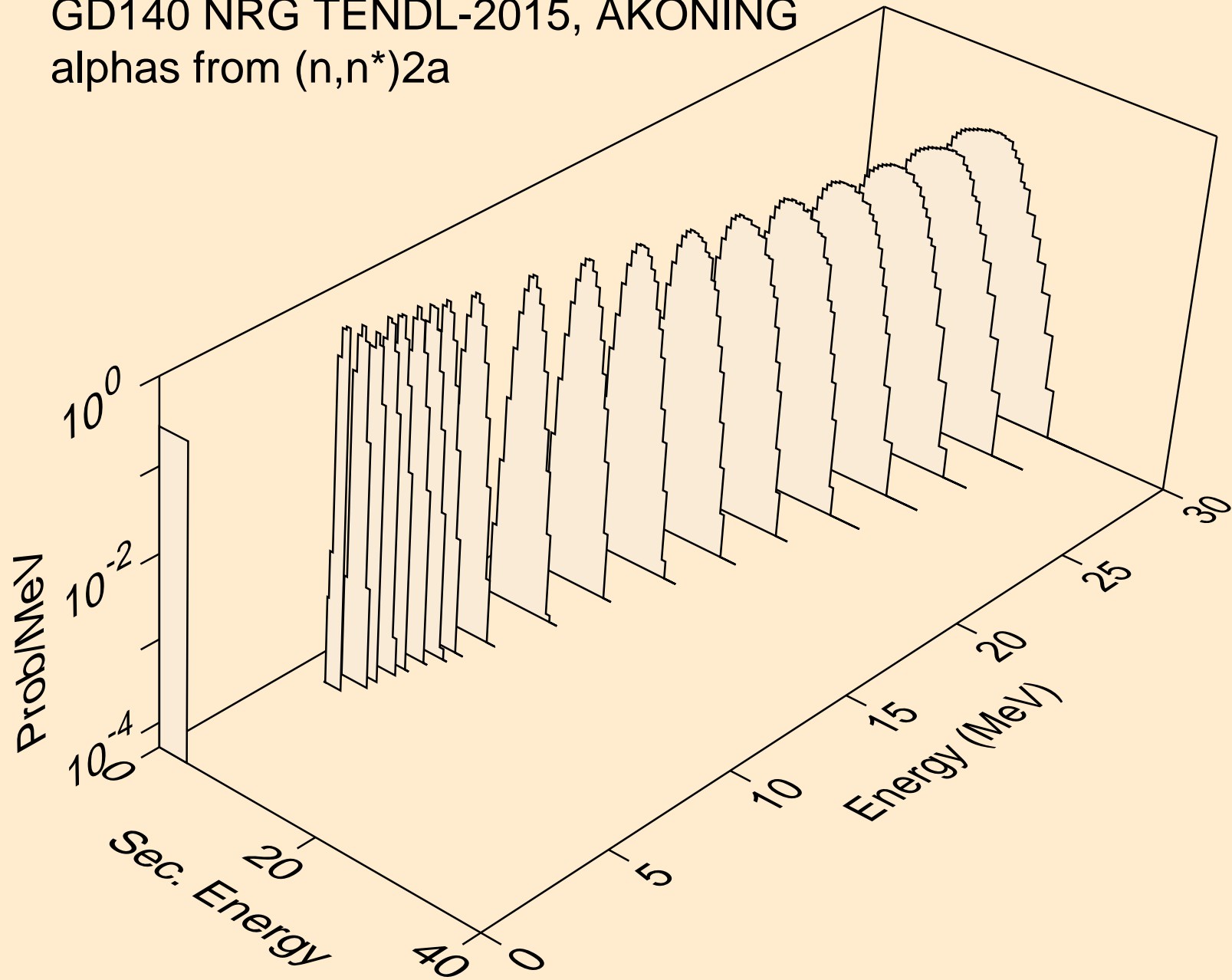
GD140 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



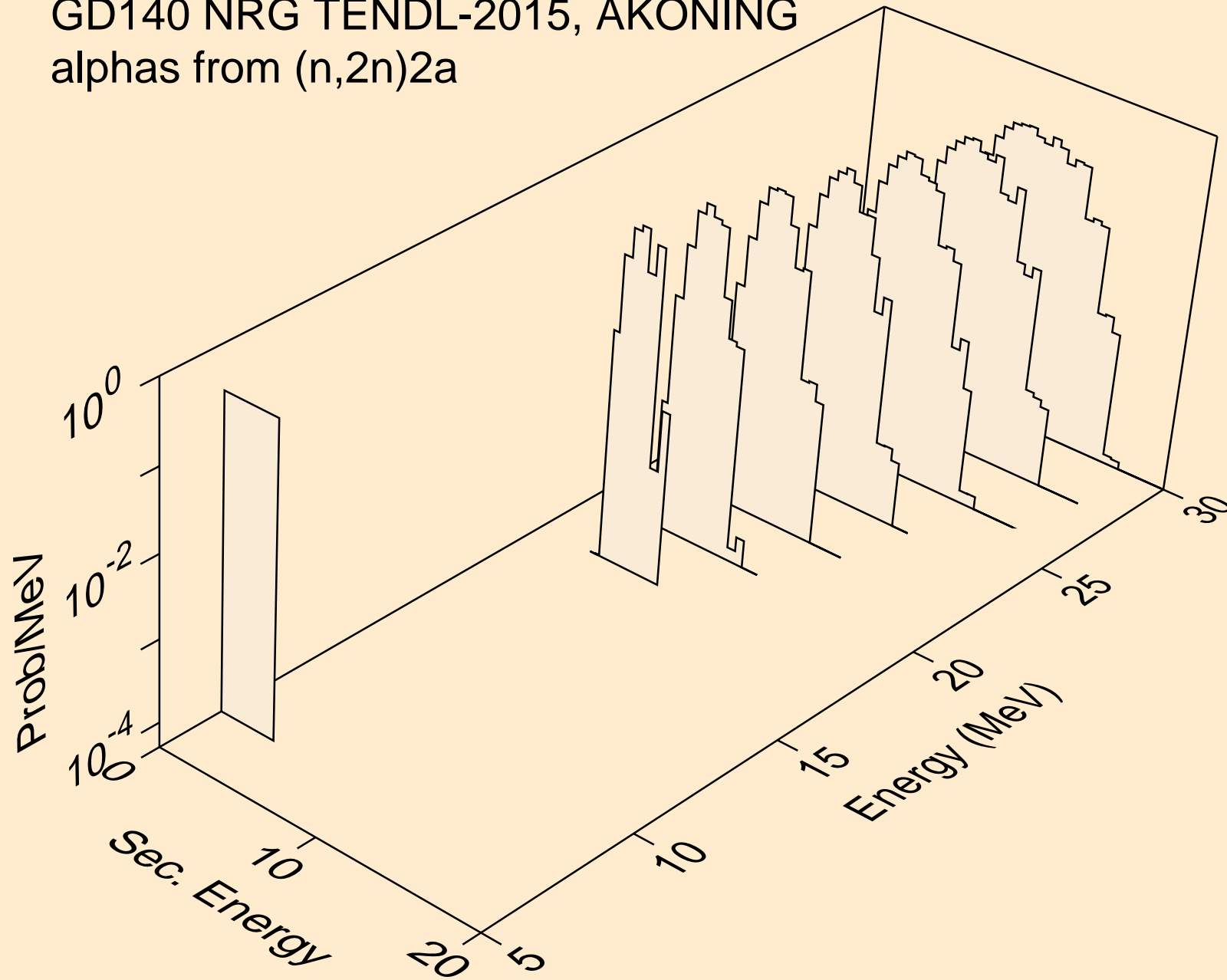
GD140 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



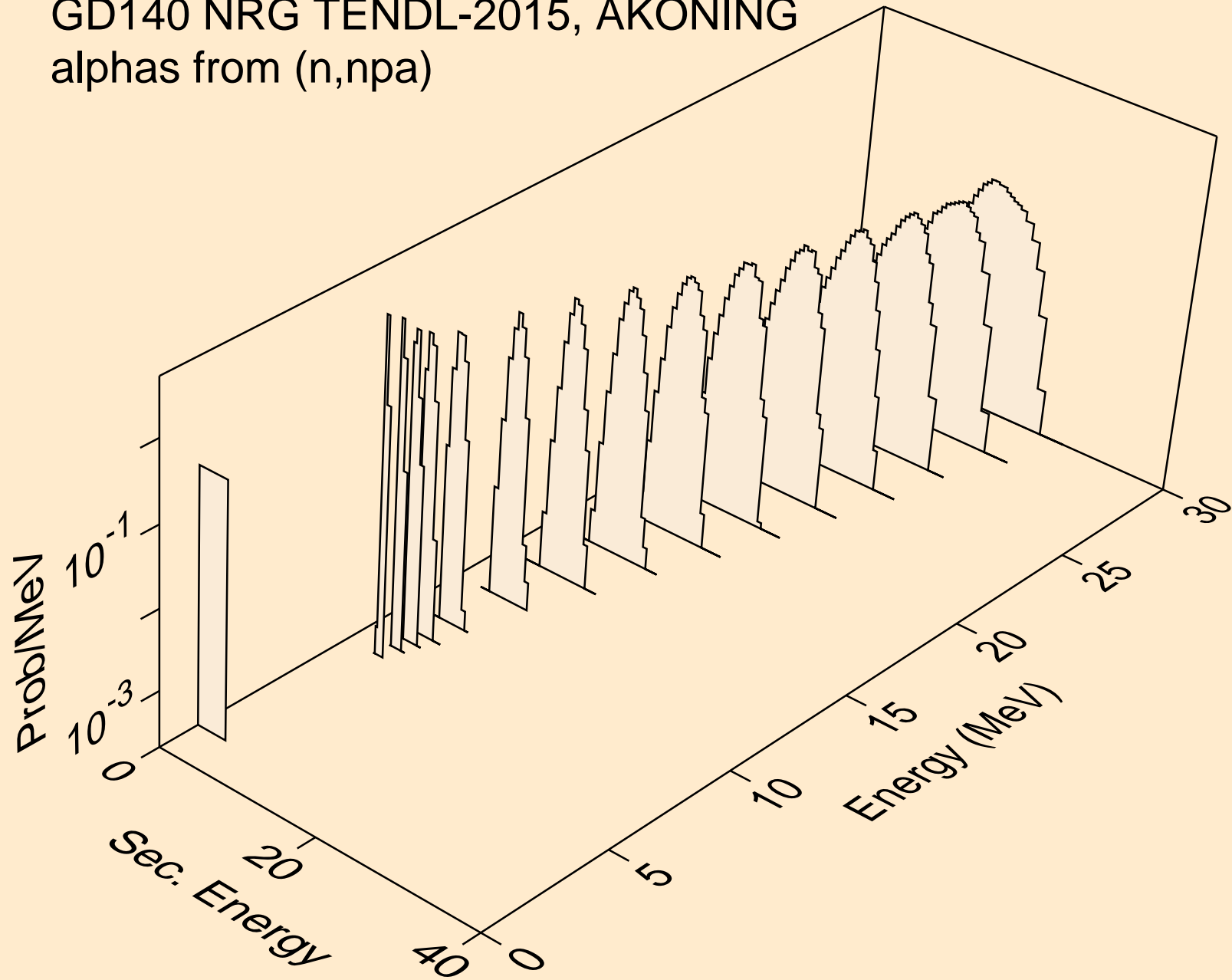
GD140 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



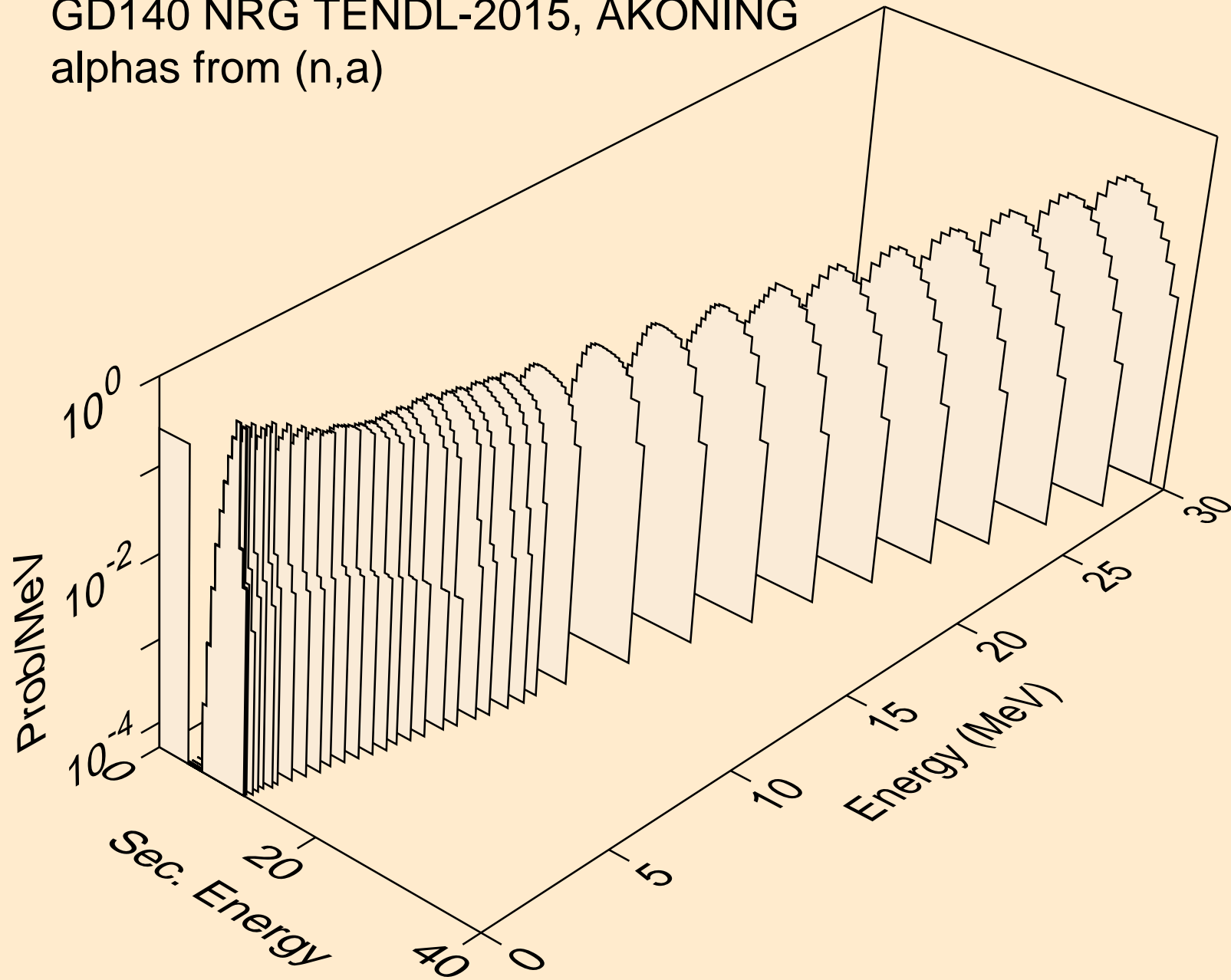
GD140 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



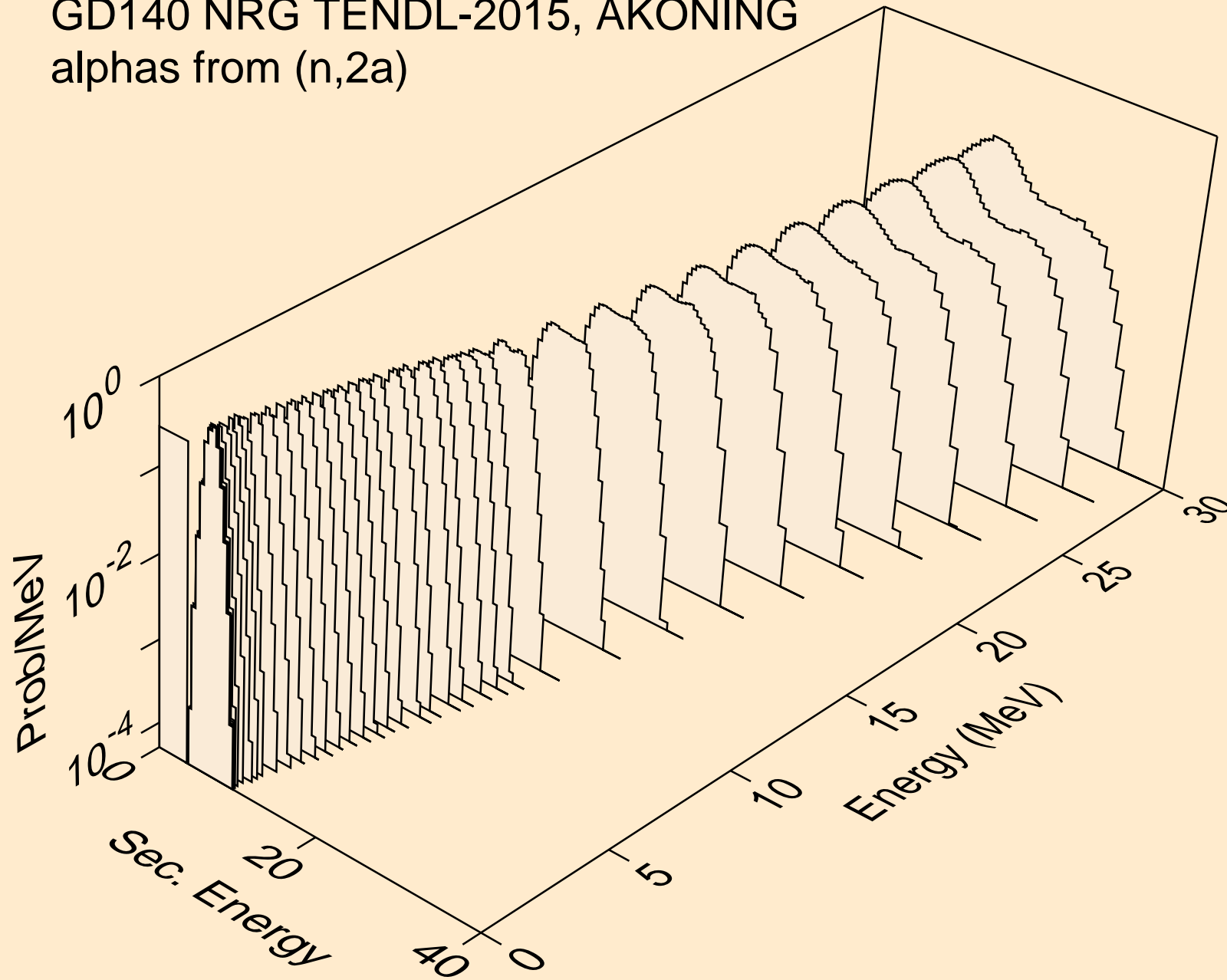
GD140 NRG TENDL-2015, AKONING  
alphas from (n,npa)



GD140 NRG TENDL-2015, AKONING  
alphas from (n,a)

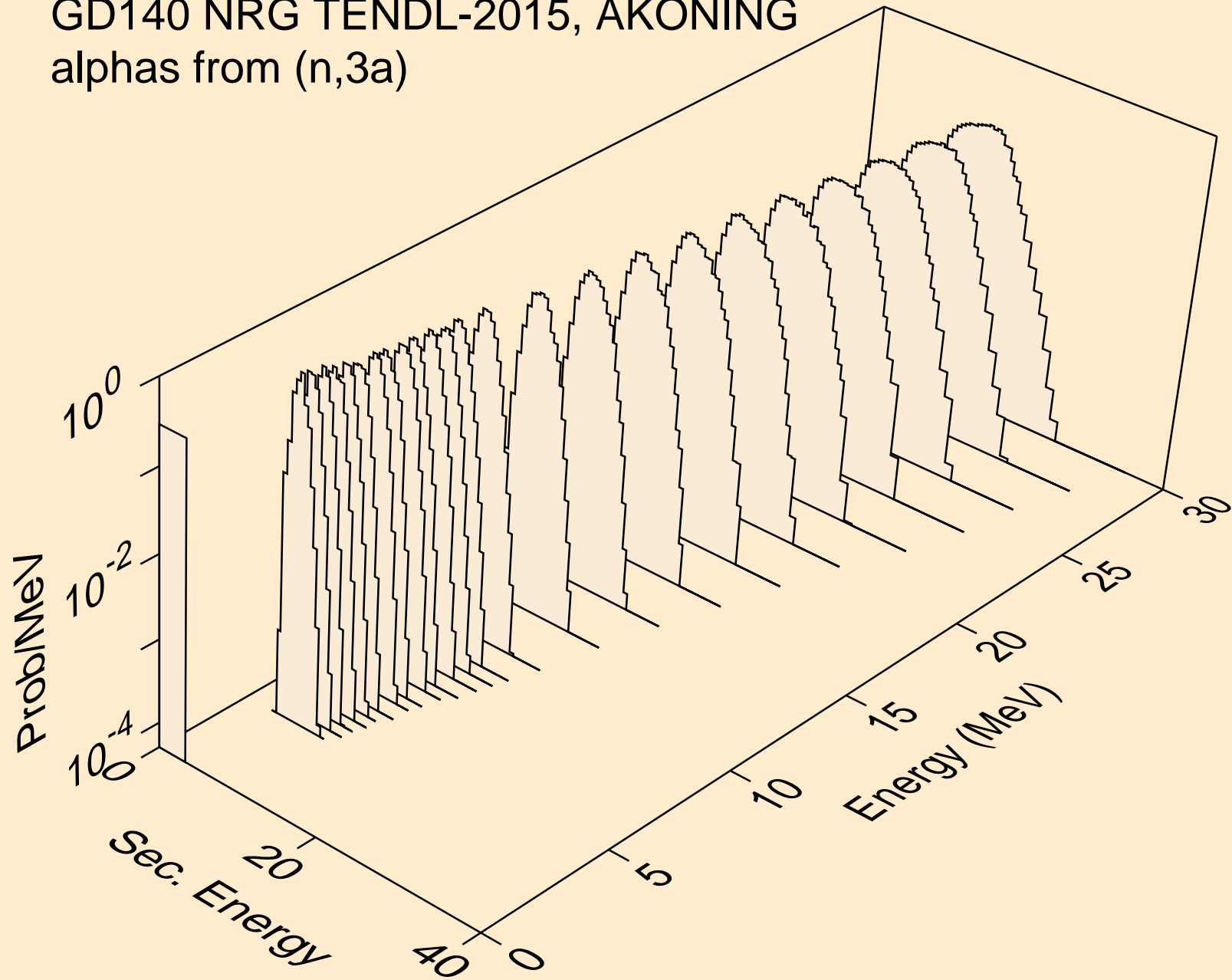


GD140 NRG TENDL-2015, AKONING  
alphas from (n,2a)

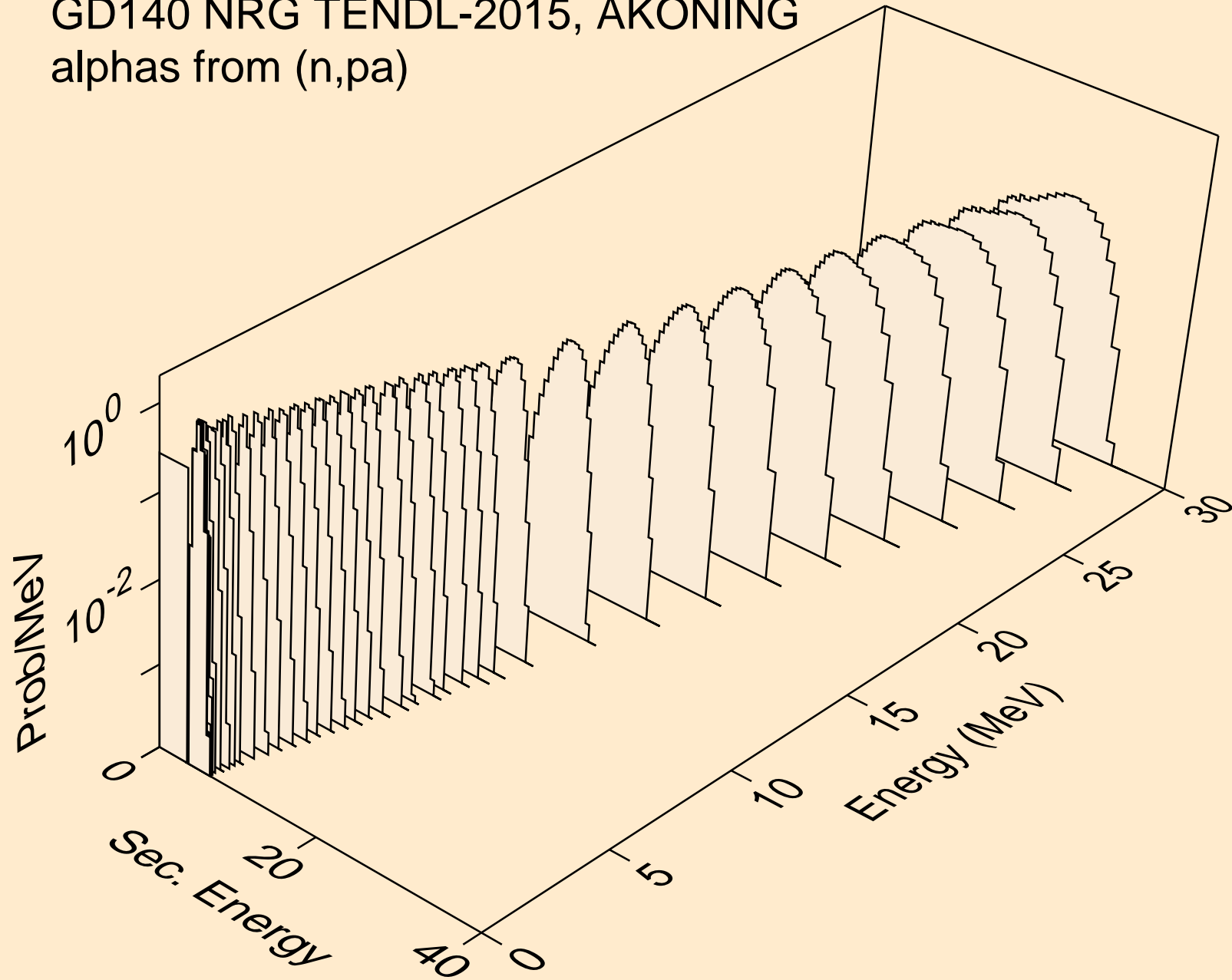




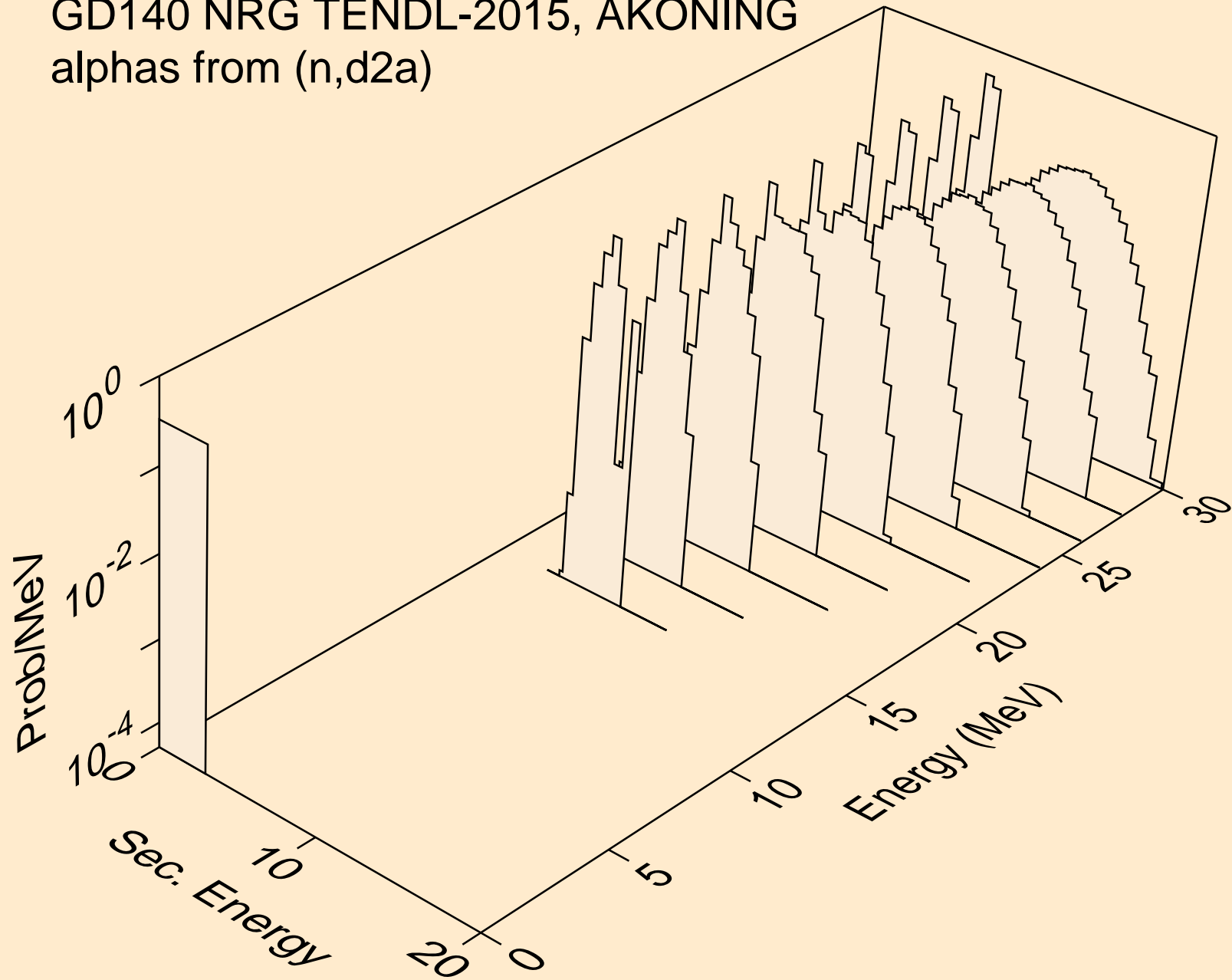
GD140 NRG TENDL-2015, AKONING  
alphas from (n,3a)



GD140 NRG TENDL-2015, AKONING  
alphas from (n,pa)



GD140 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



GD140 NRG TENDL-2015, AKONING  
alphas from (n,da)

