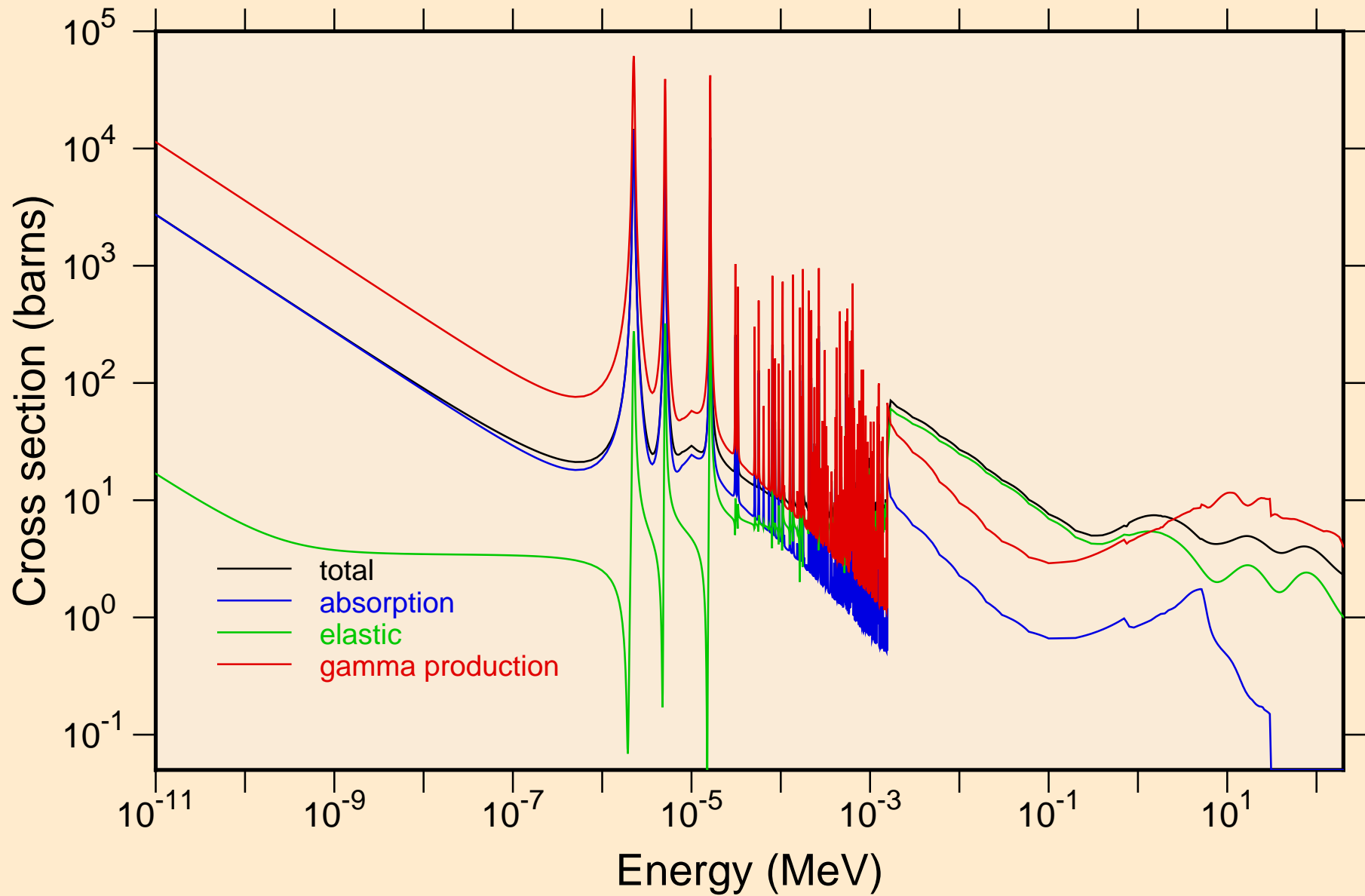
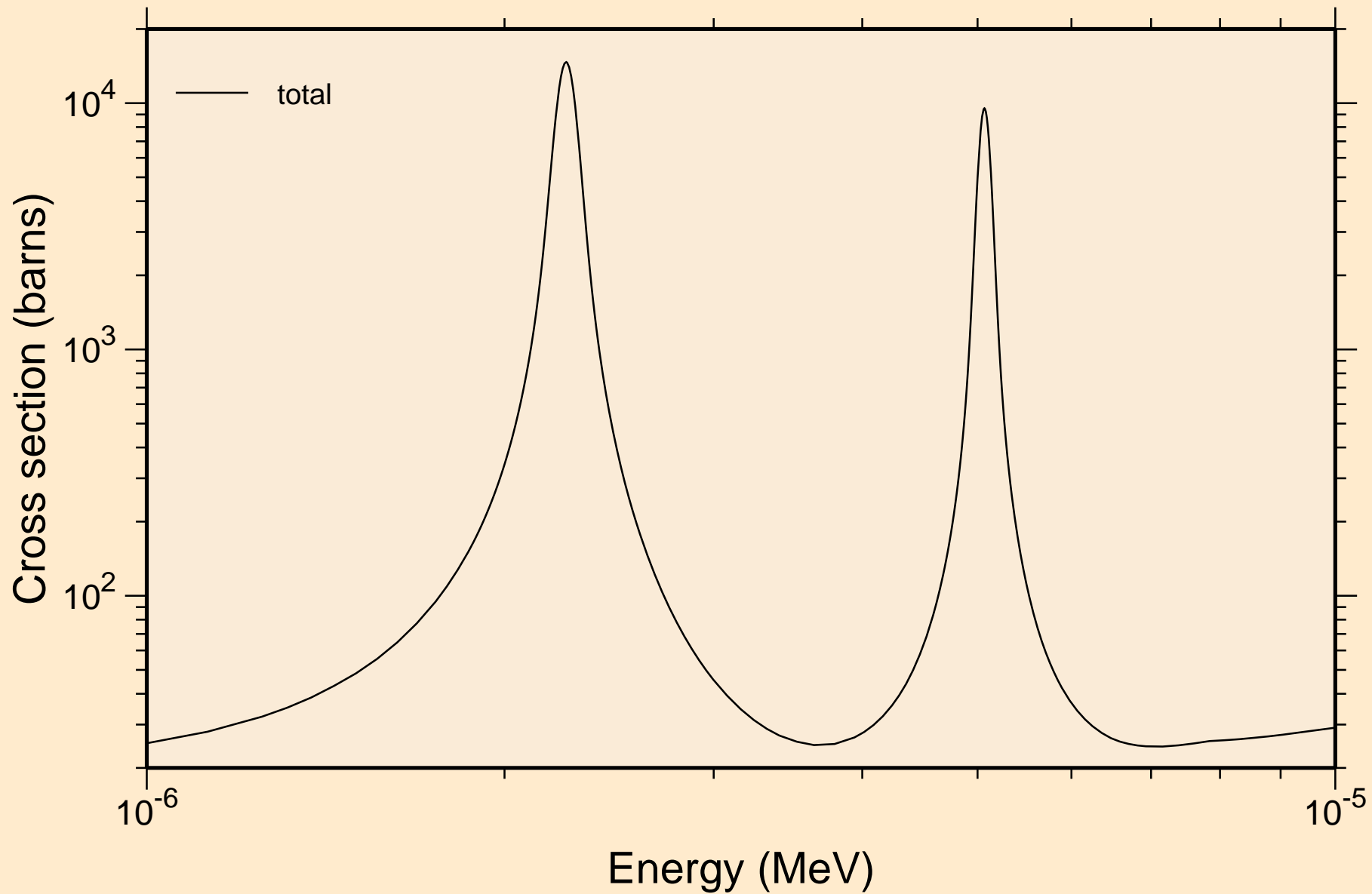


# GD144 NRG TENDL-2015, AKONING

## Principal cross sections

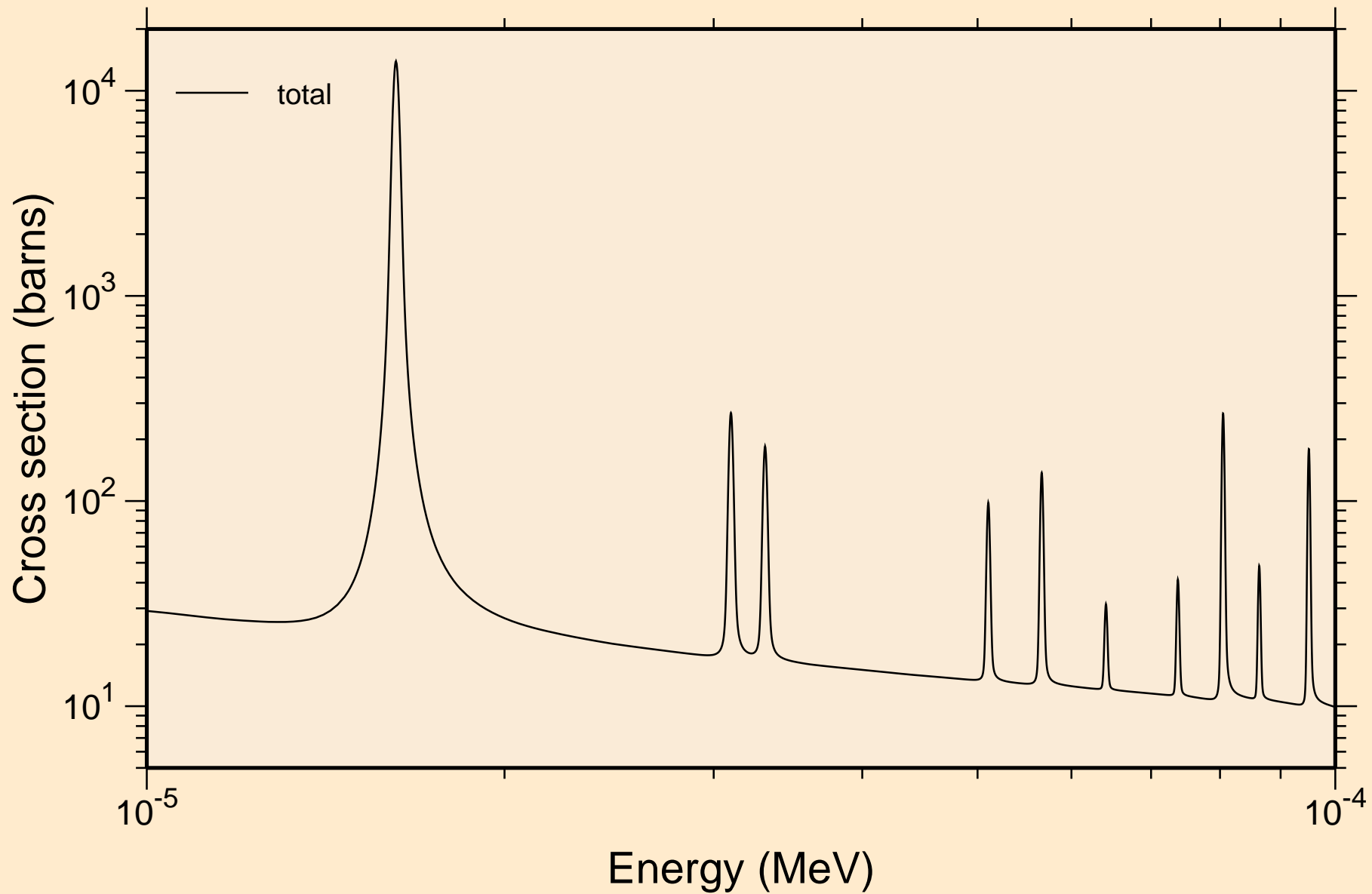


GD144 NRG TENDL-2015, AKONING  
resonance total cross section

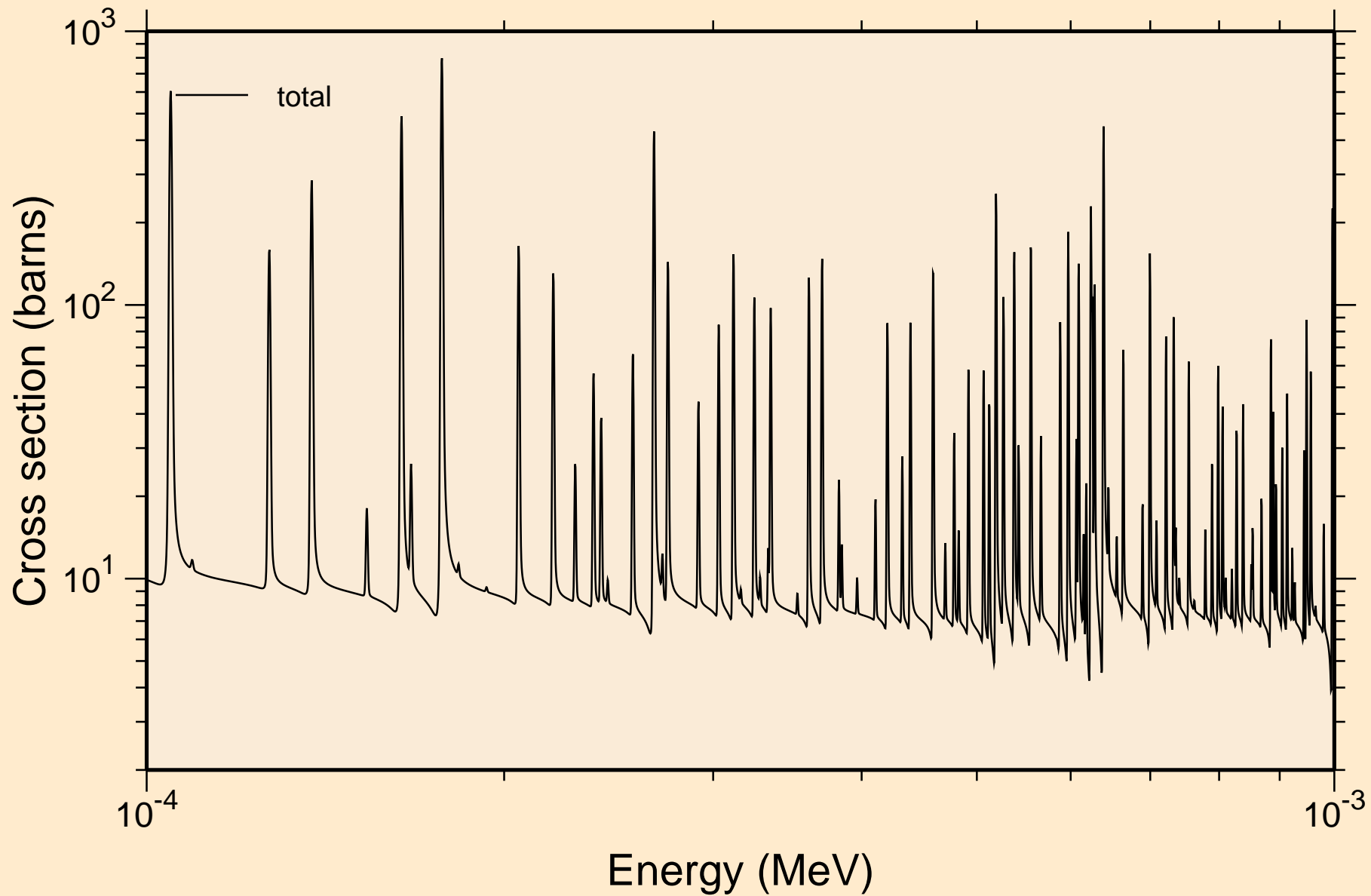


# GD144 NRG TENDL-2015, AKONING

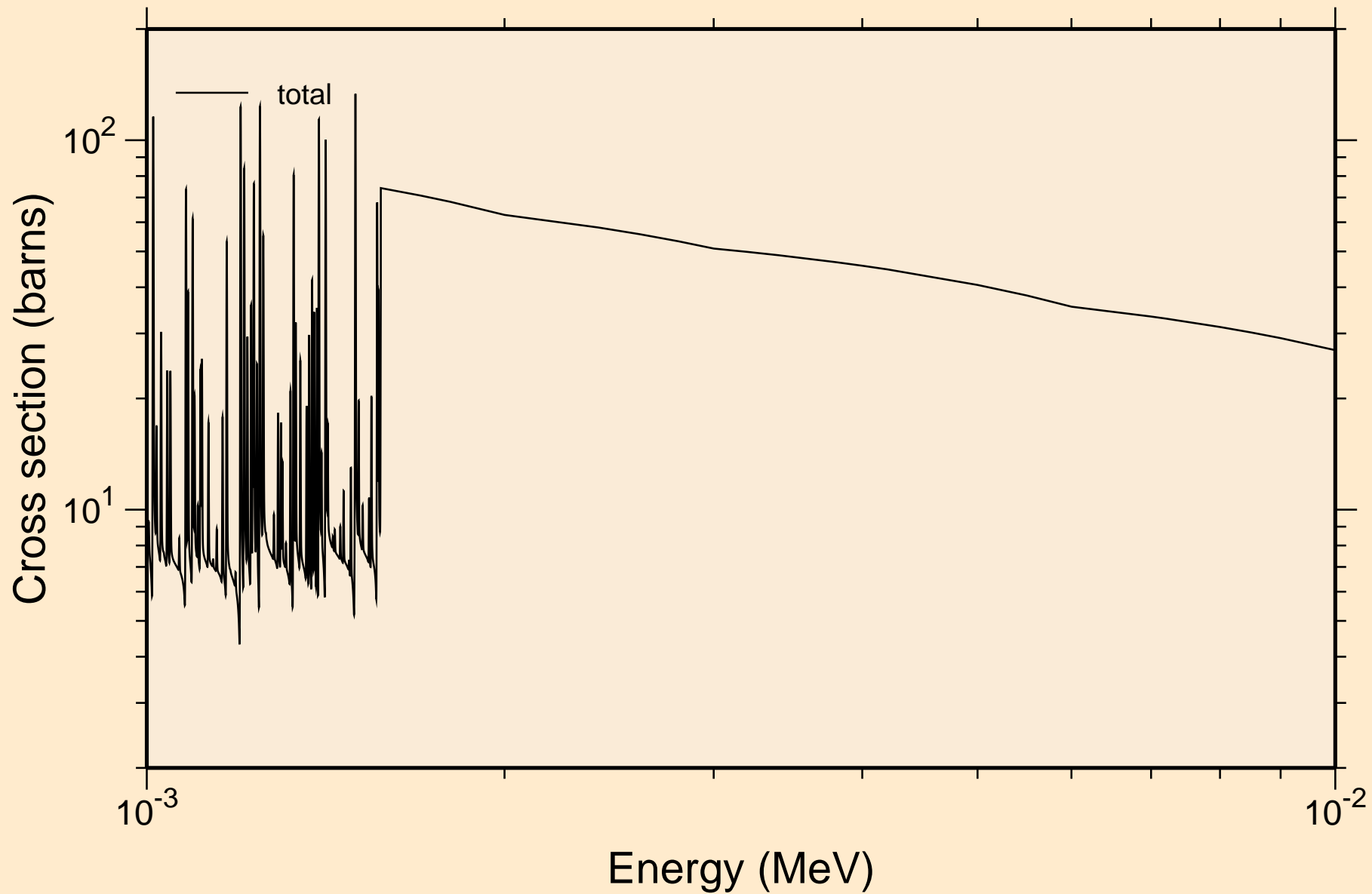
## resonance total cross section



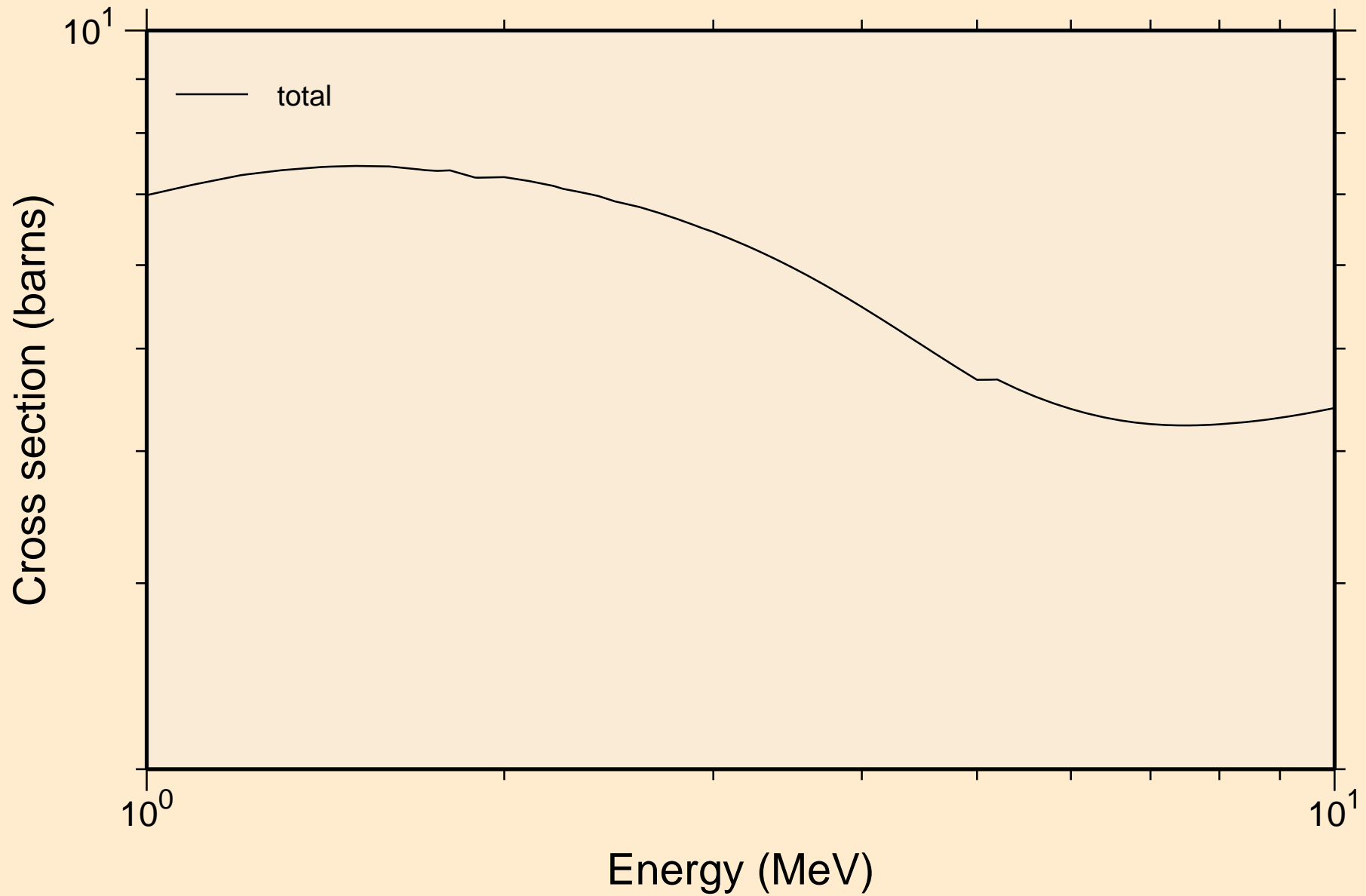
GD144 NRG TENDL-2015, AKONING  
resonance total cross section



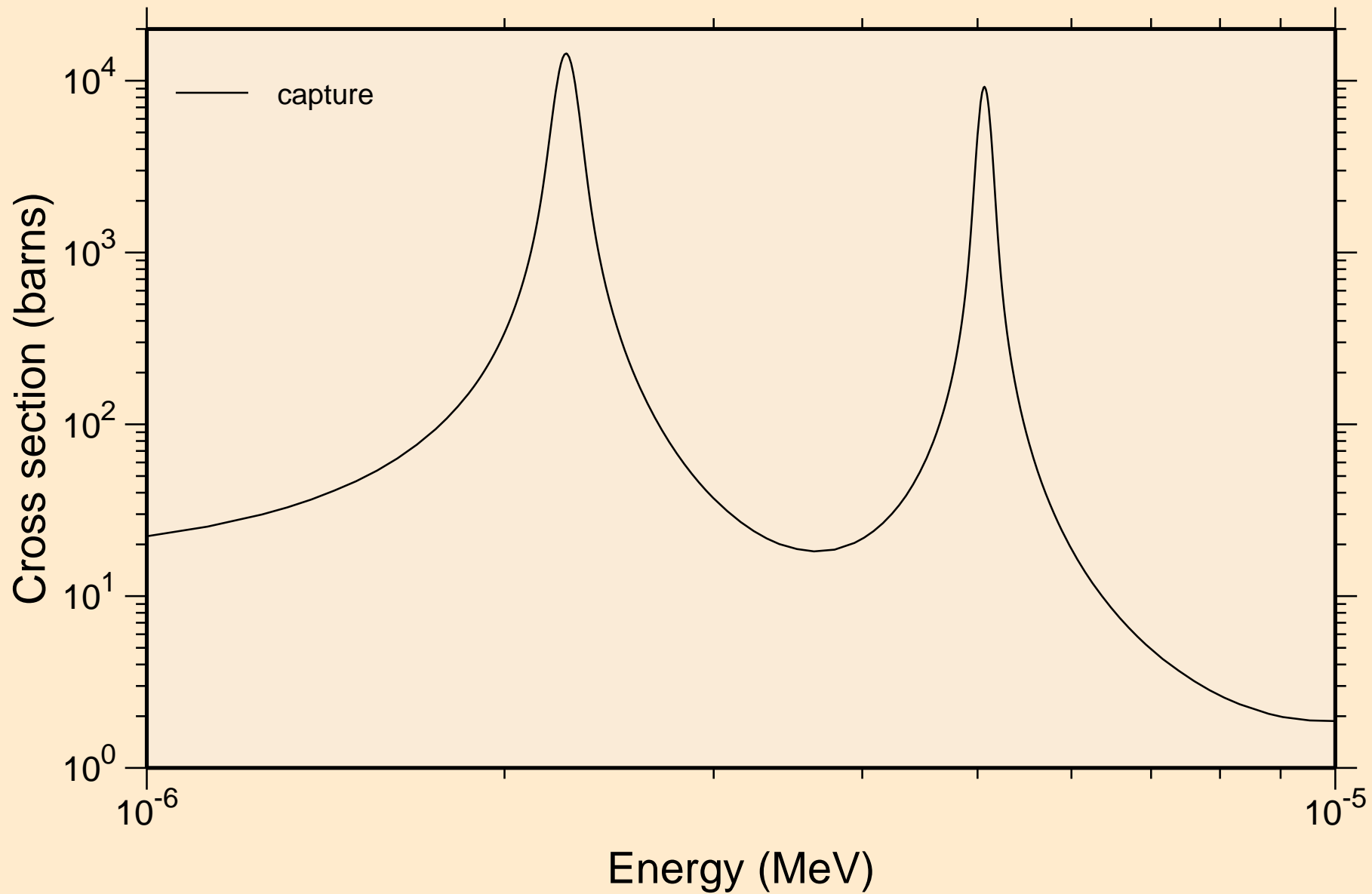
GD144 NRG TENDL-2015, AKONING  
resonance total cross section



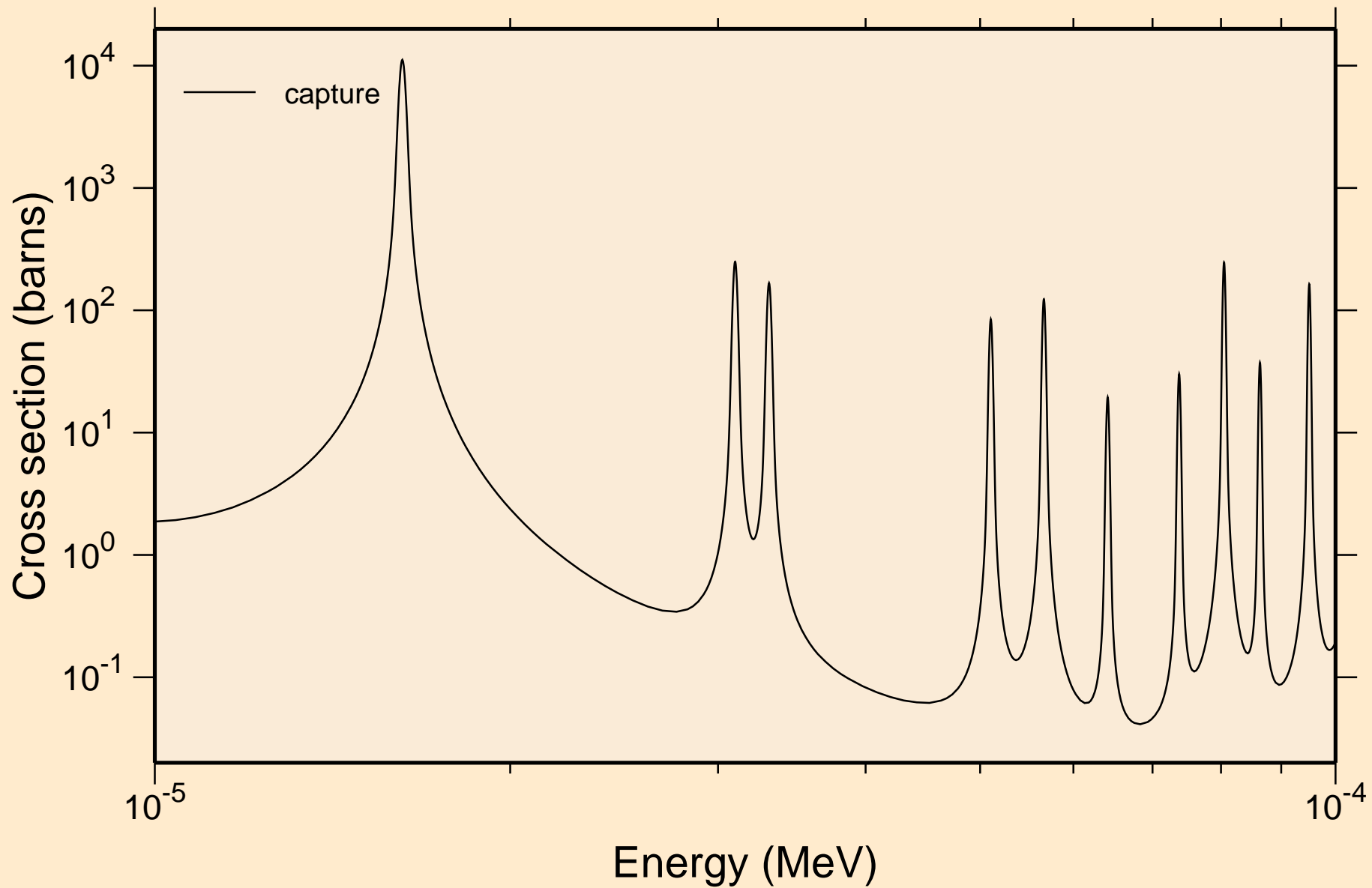
GD144 NRG TENDL-2015, AKONING  
resonance total cross section



GD144 NRG TENDL-2015, AKONING  
resonance absorption cross sections

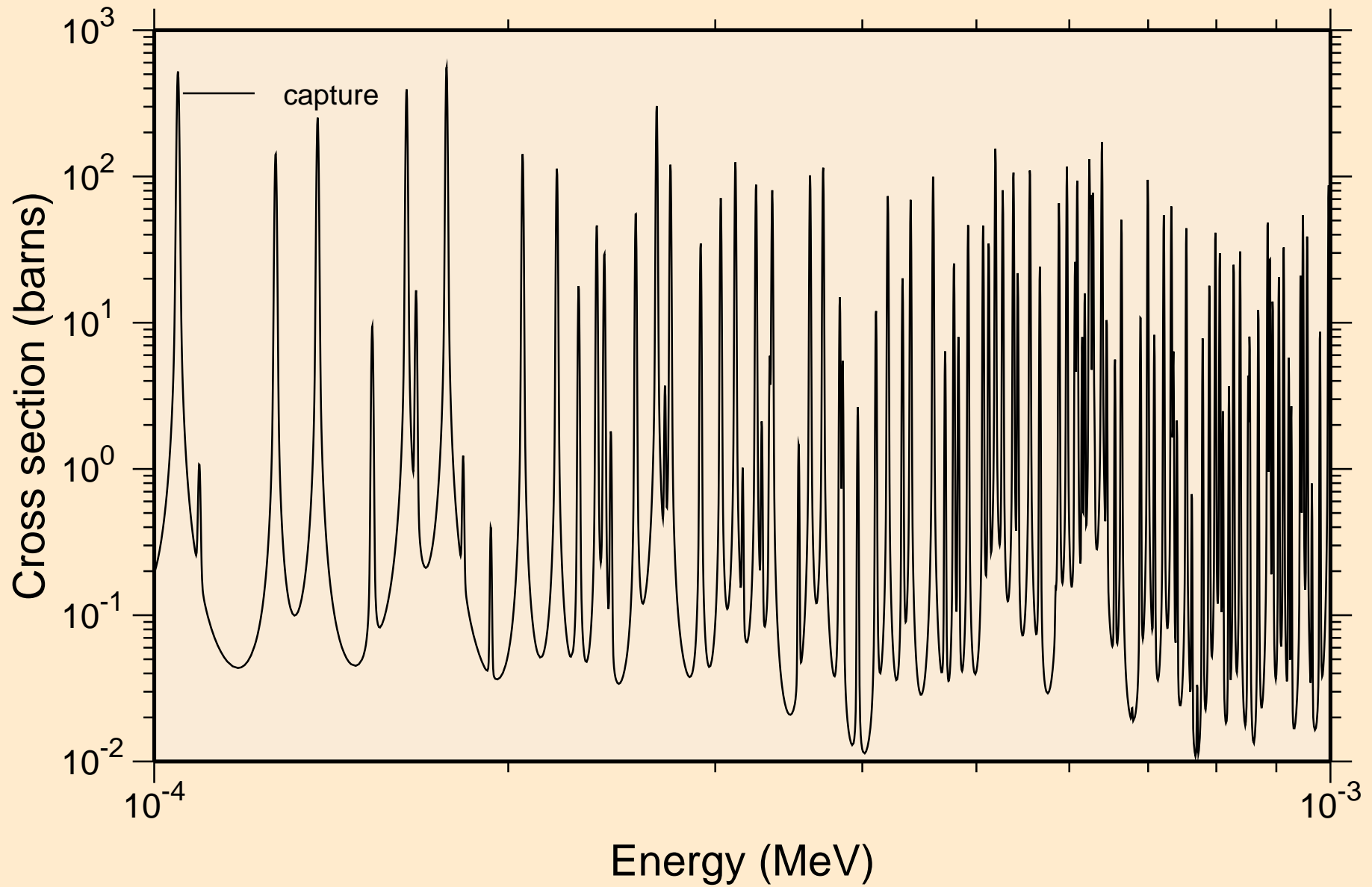


# GD144 NRG TENDL-2015, AKONING resonance absorption cross sections

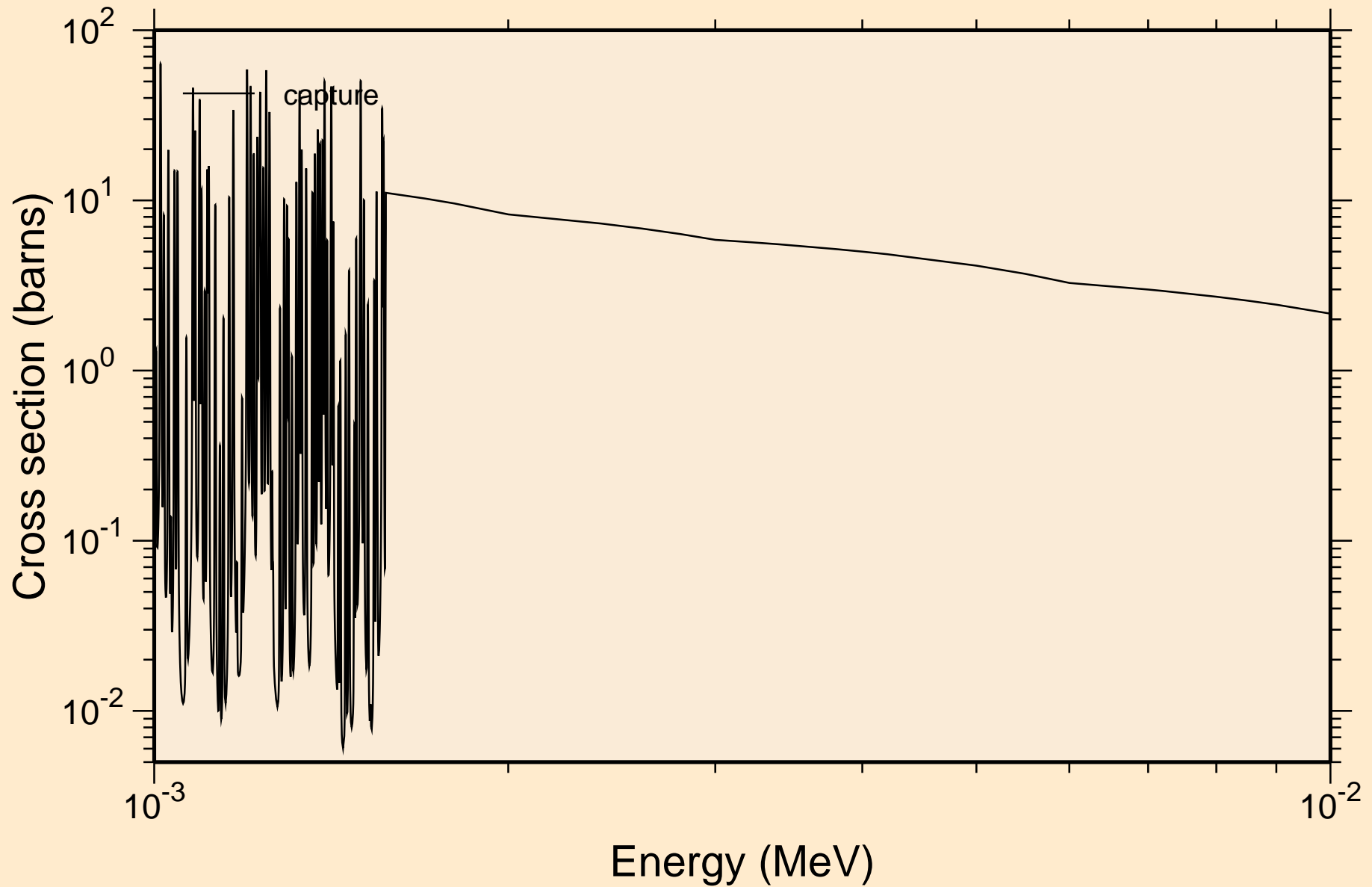




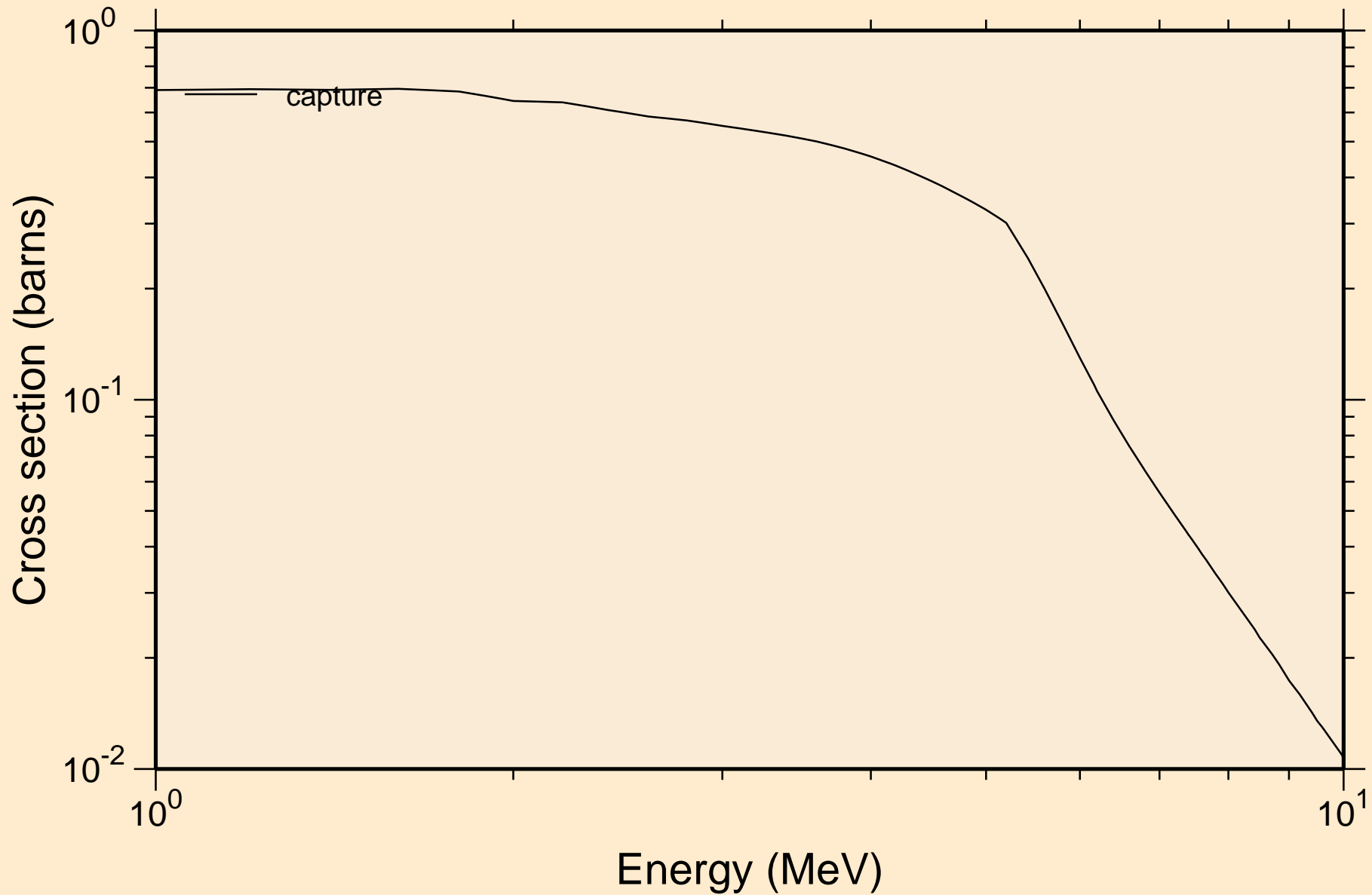
# GD144 NRG TENDL-2015, AKONING resonance absorption cross sections



# GD144 NRG TENDL-2015, AKONING resonance absorption cross sections

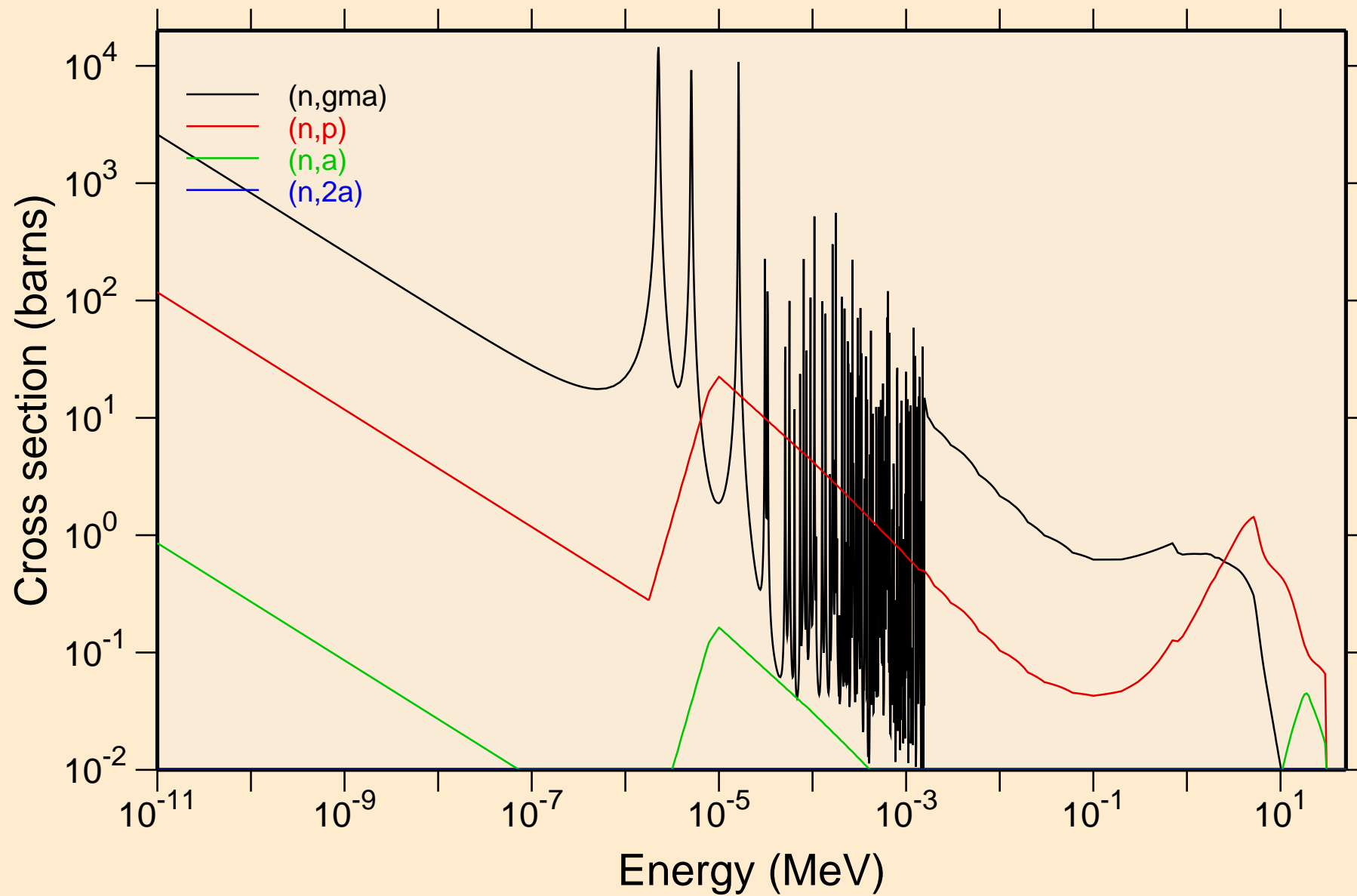


GD144 NRG TENDL-2015, AKONING  
resonance absorption cross sections



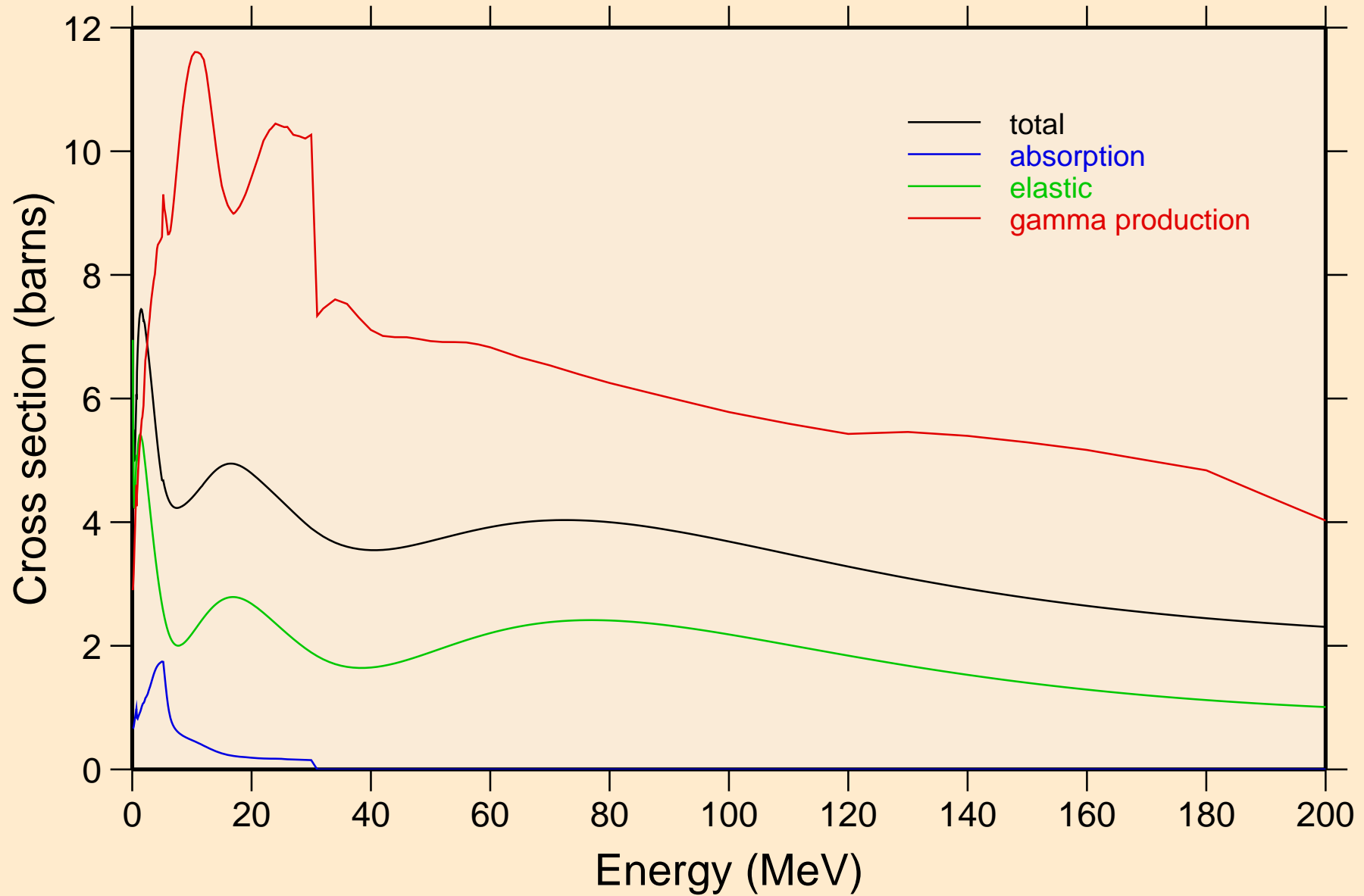
# GD144 NRG TENDL-2015, AKONING

## Non-threshold reactions



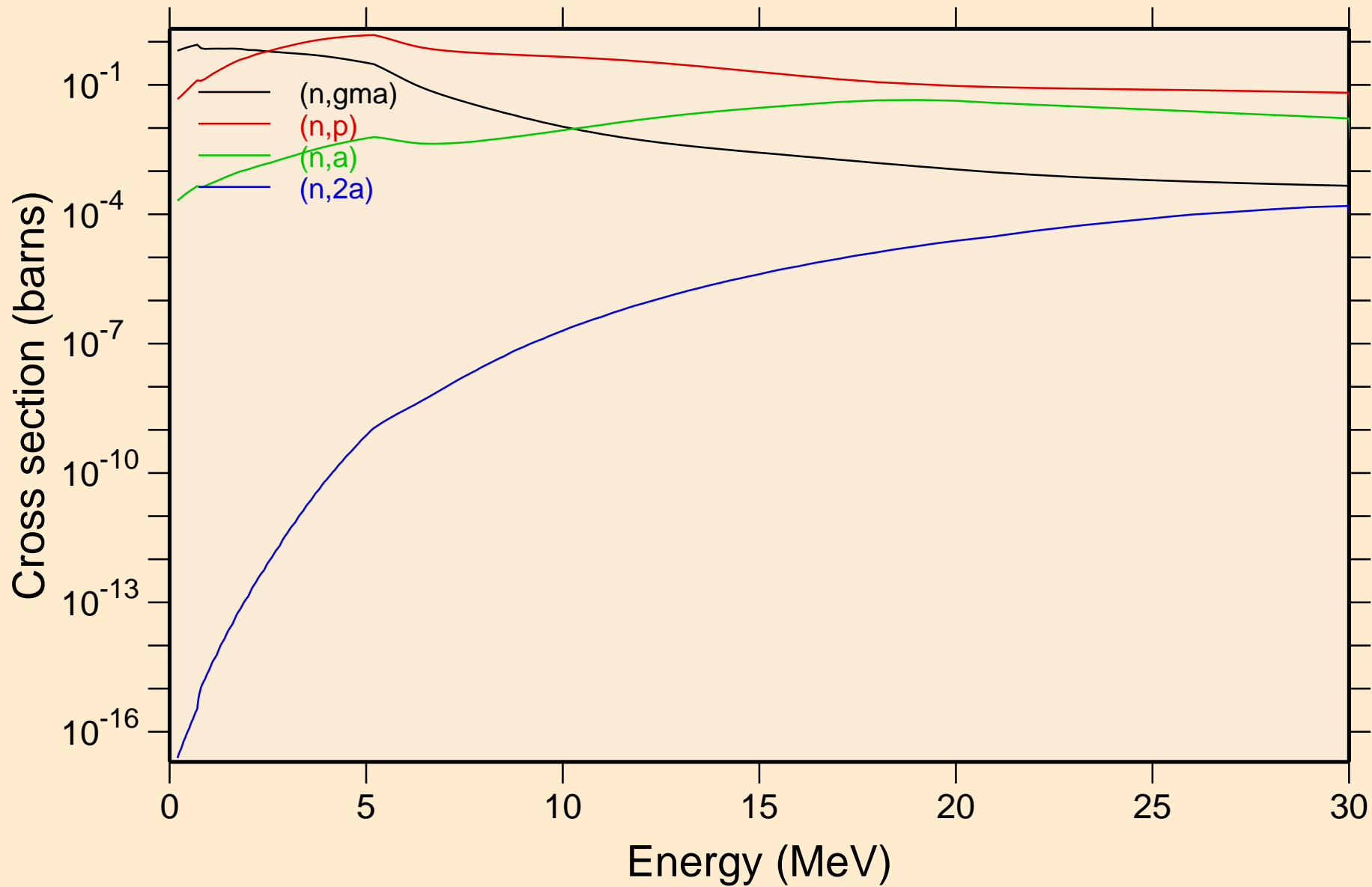
# GD144 NRG TENDL-2015, AKONING

## Principal cross sections



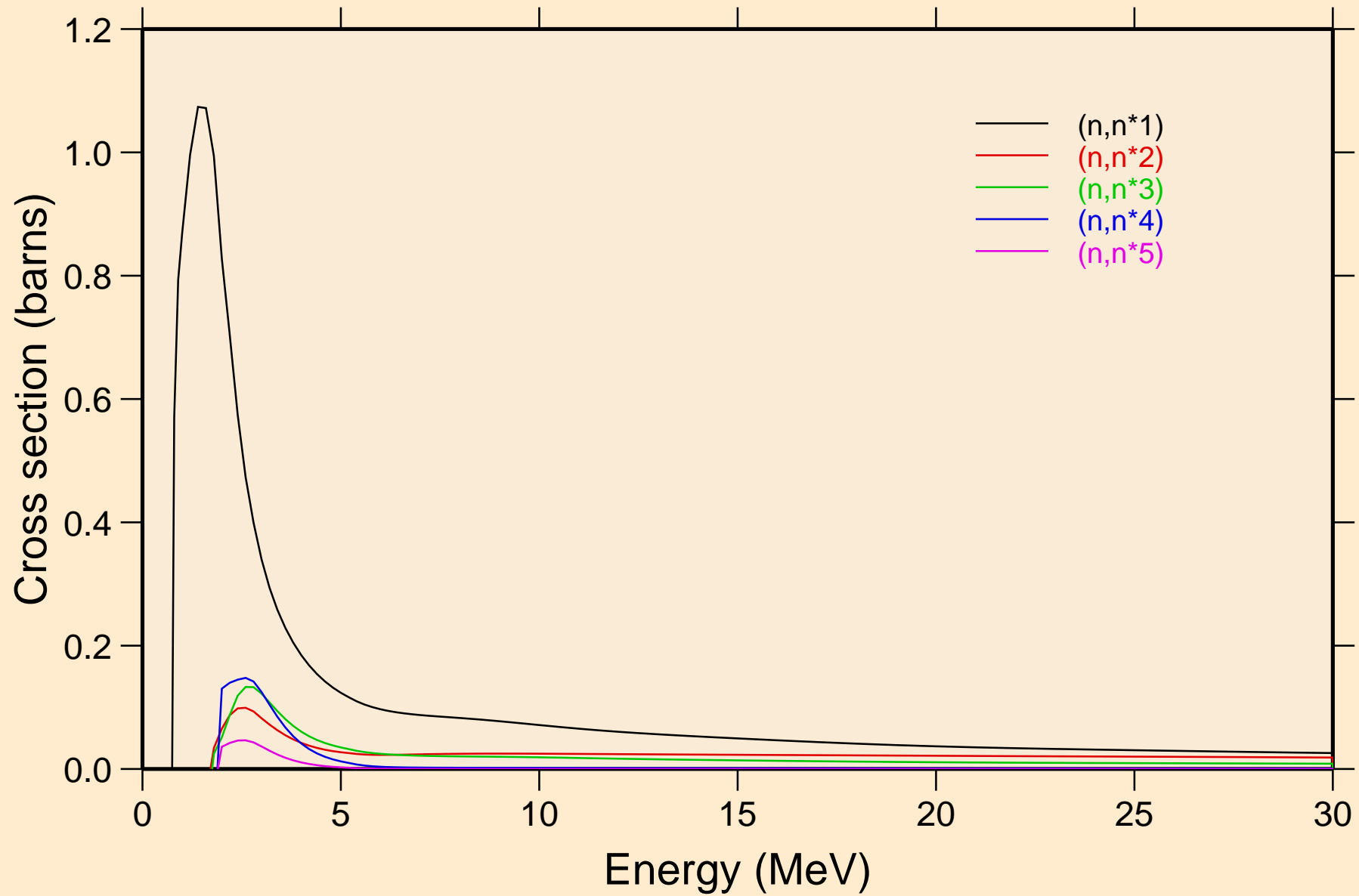
# GD144 NRG TENDL-2015, AKONING

## Non-threshold reactions



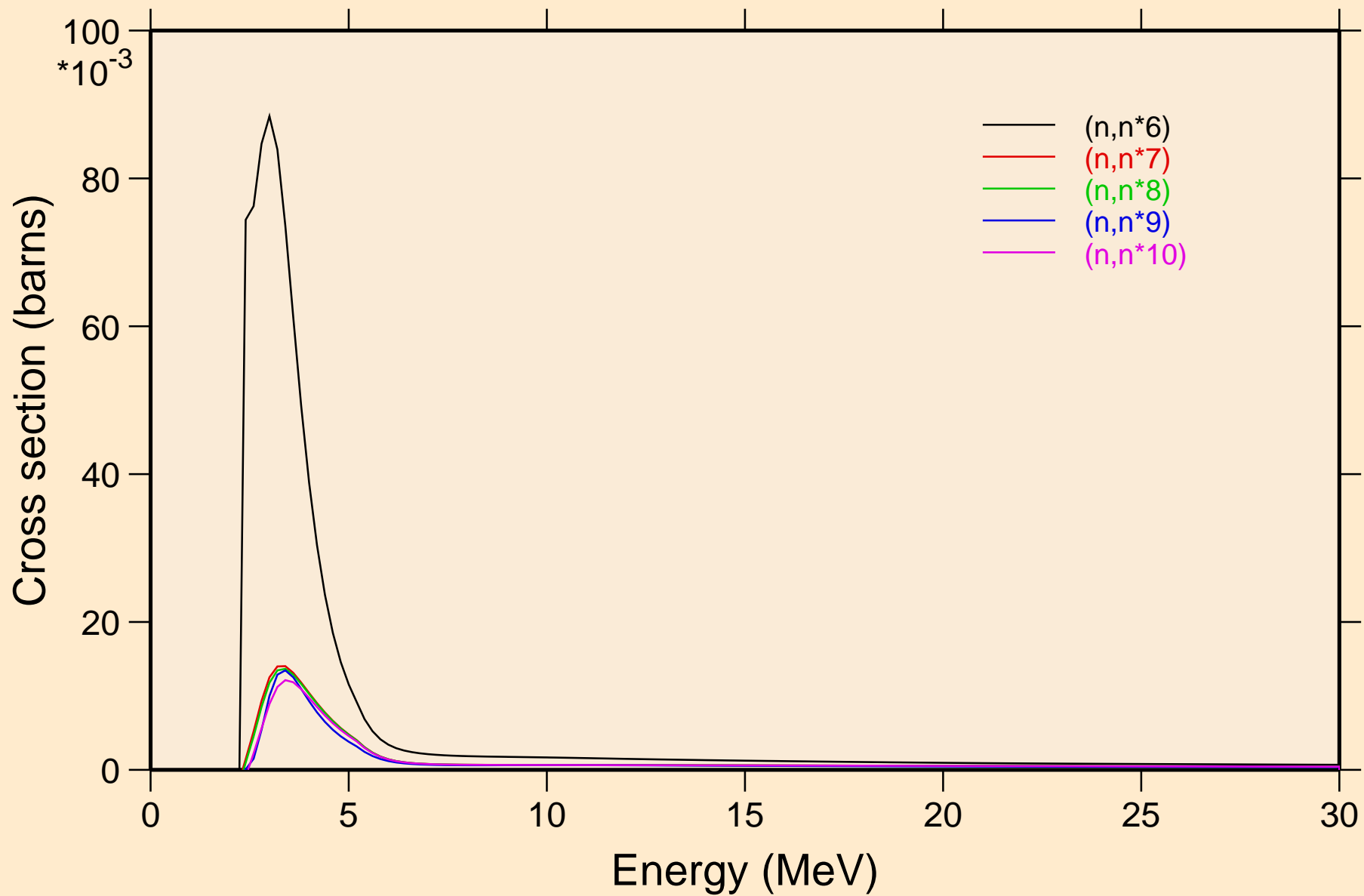
# GD144 NRG TENDL-2015, AKONING

## Inelastic levels



# GD144 NRG TENDL-2015, AKONING

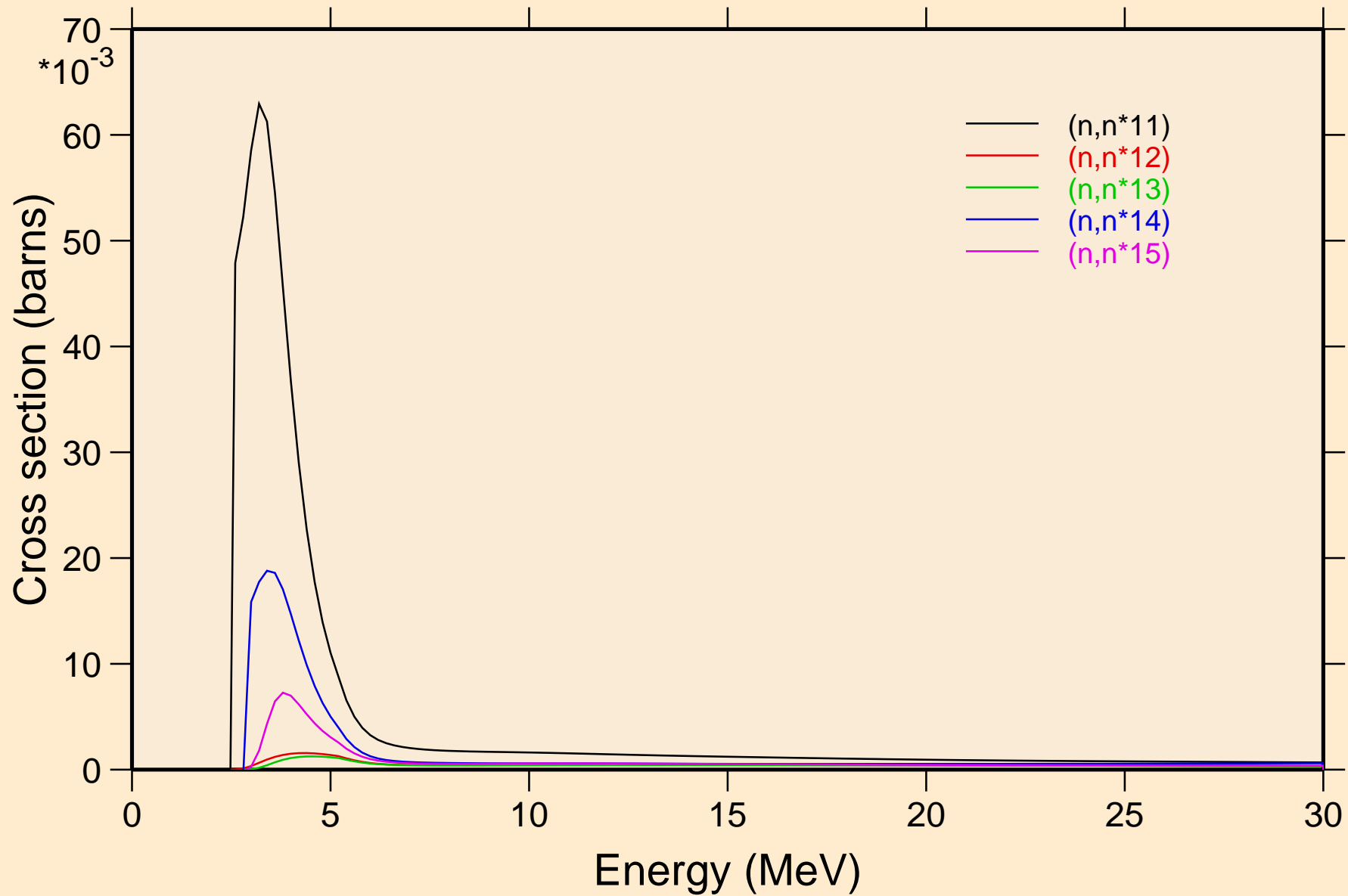
## Inelastic levels





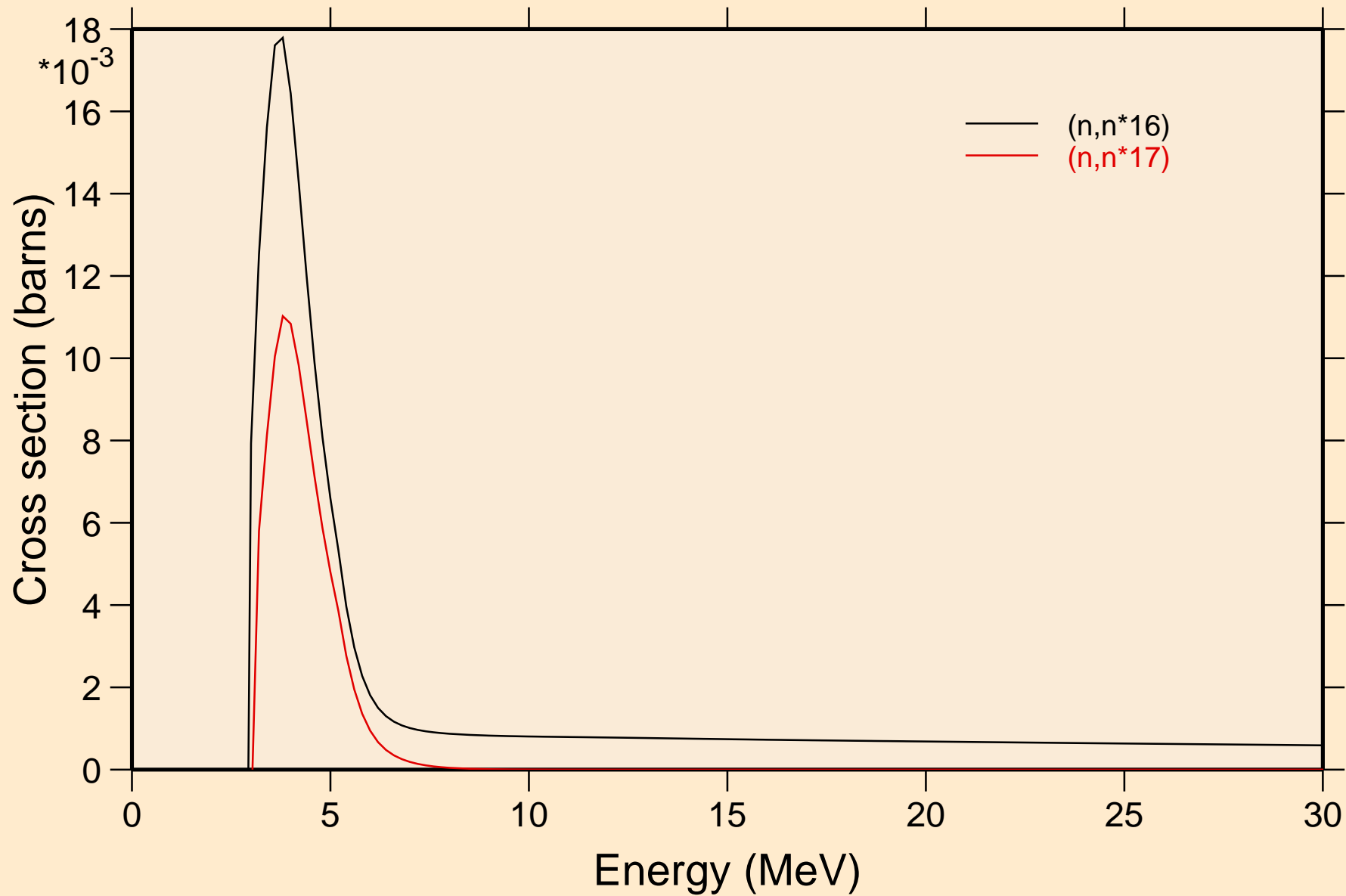
# GD144 NRG TENDL-2015, AKONING

## Inelastic levels



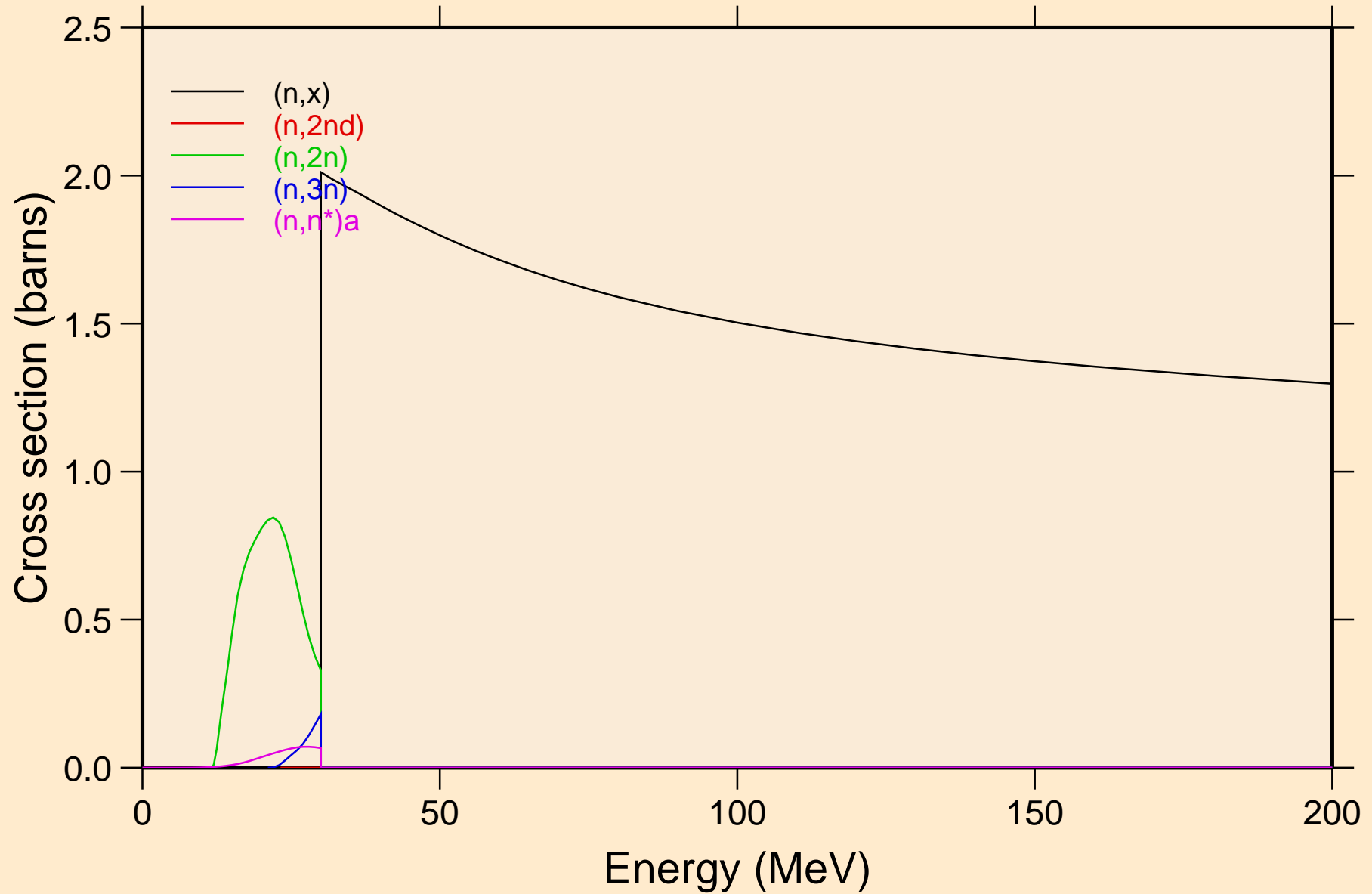
# GD144 NRG TENDL-2015, AKONING

## Inelastic levels



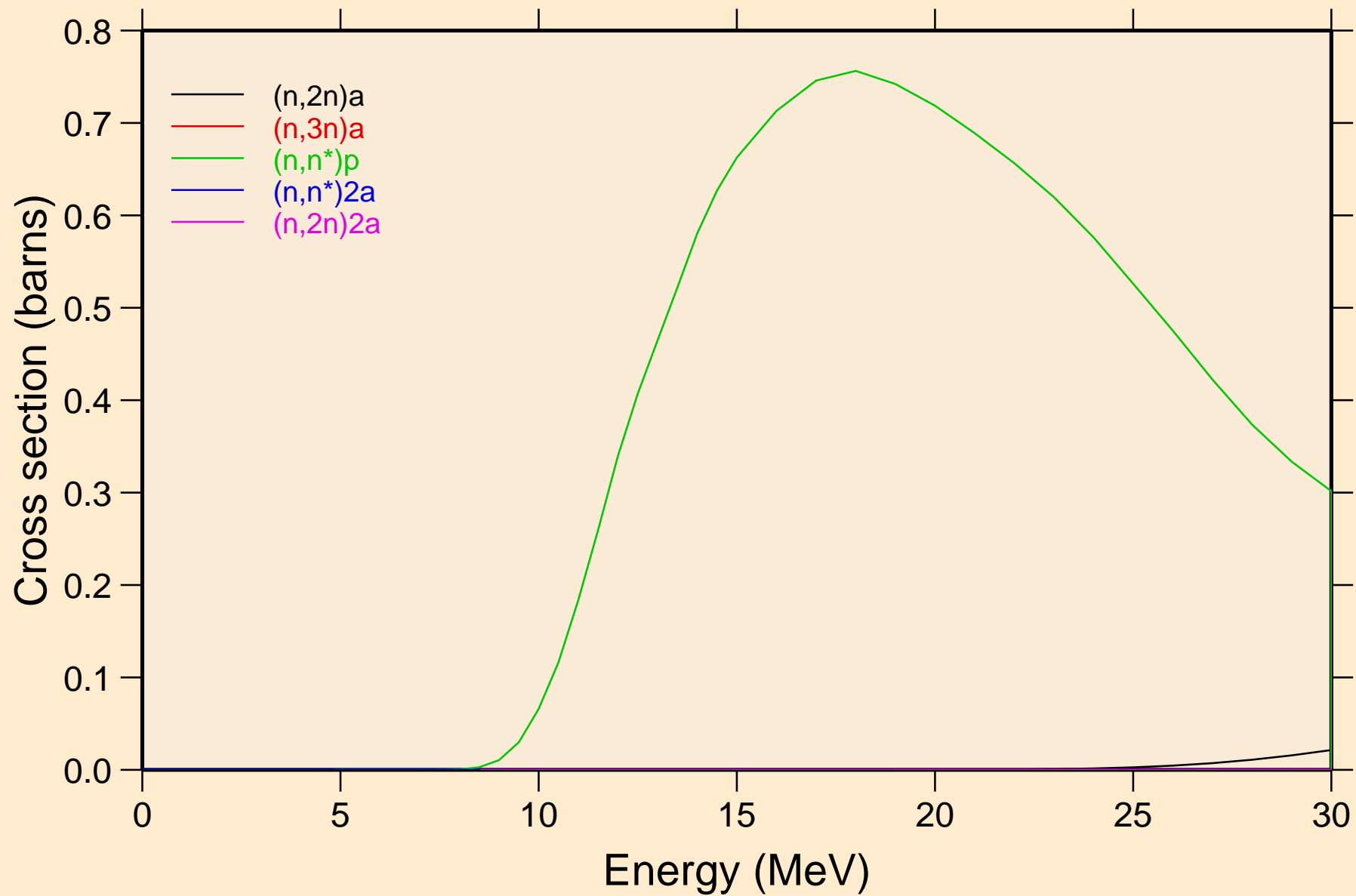
# GD144 NRG TENDL-2015, AKONING

## Threshold reactions



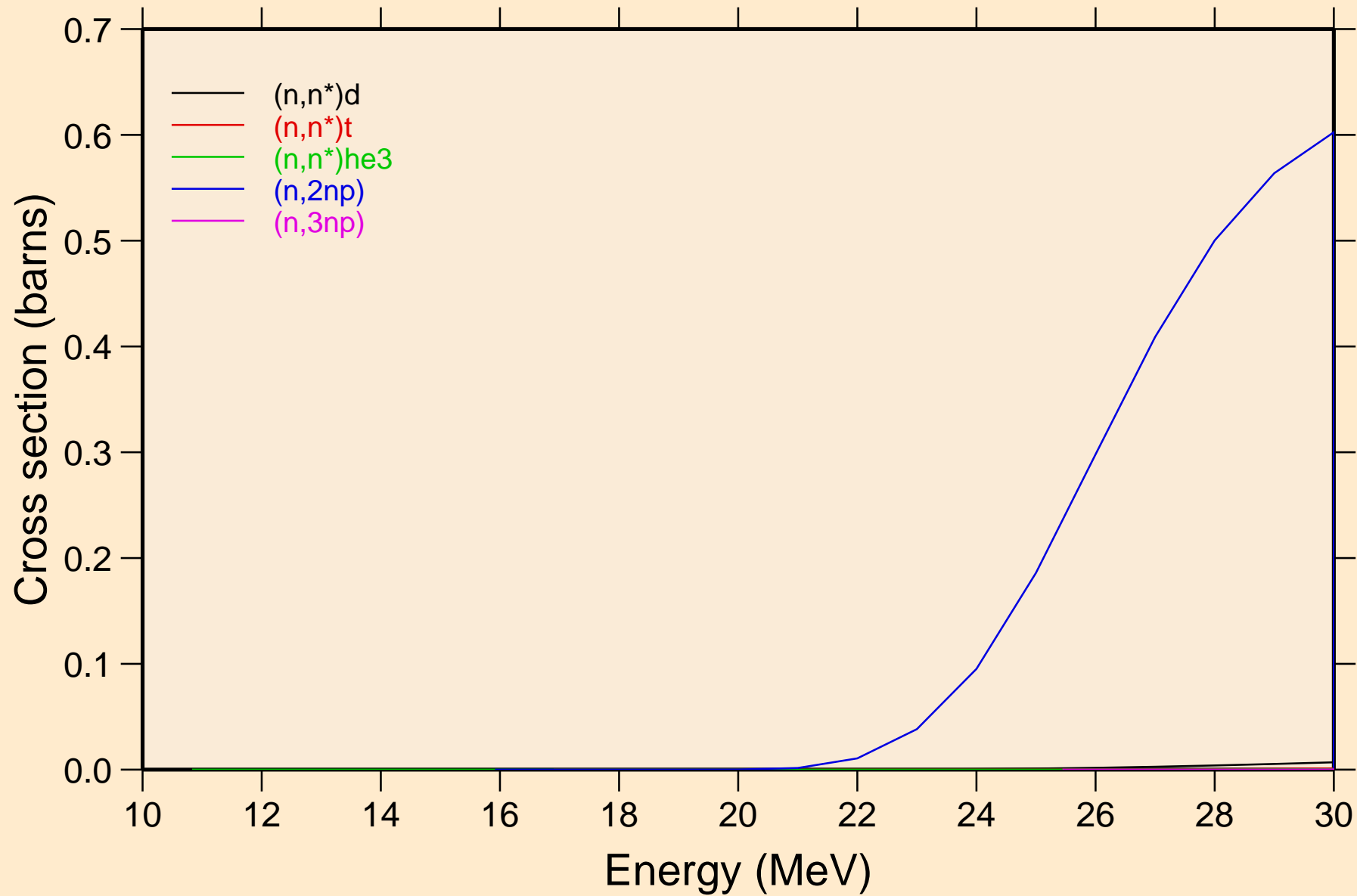
# GD144 NRG TENDL-2015, AKONING

## Threshold reactions



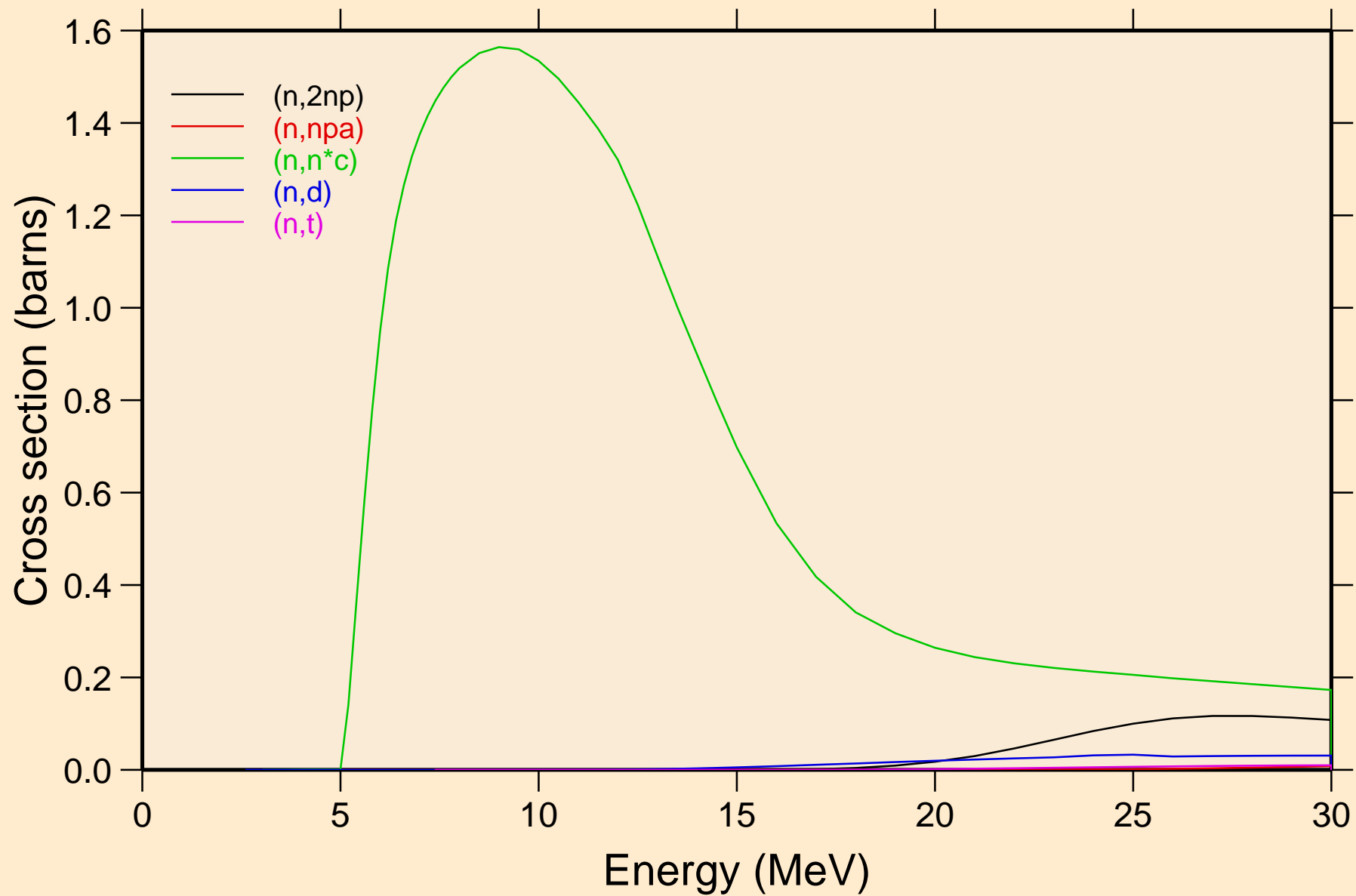
# GD144 NRG TENDL-2015, AKONING

## Threshold reactions



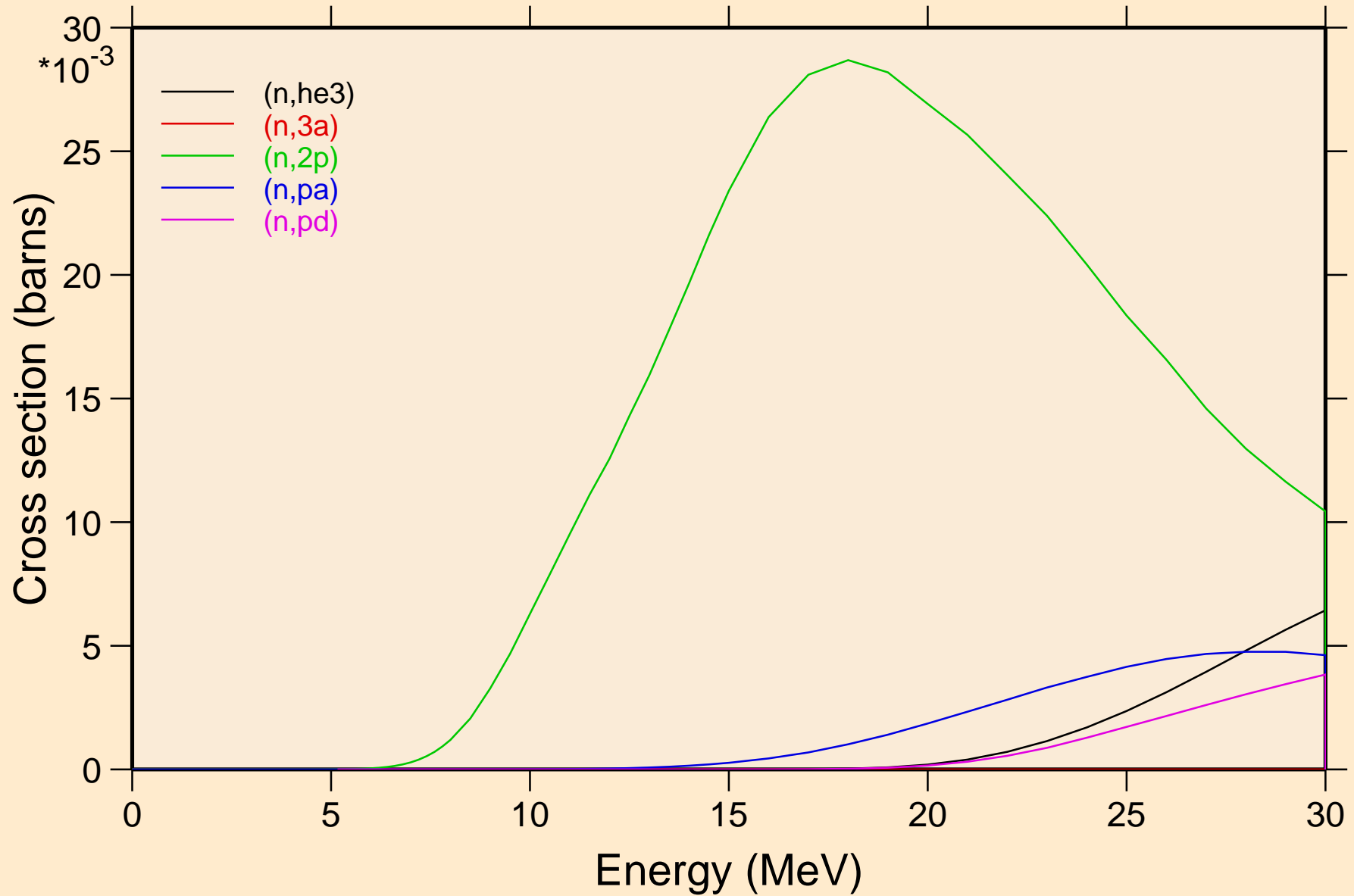
# GD144 NRG TENDL-2015, AKONING

## Threshold reactions



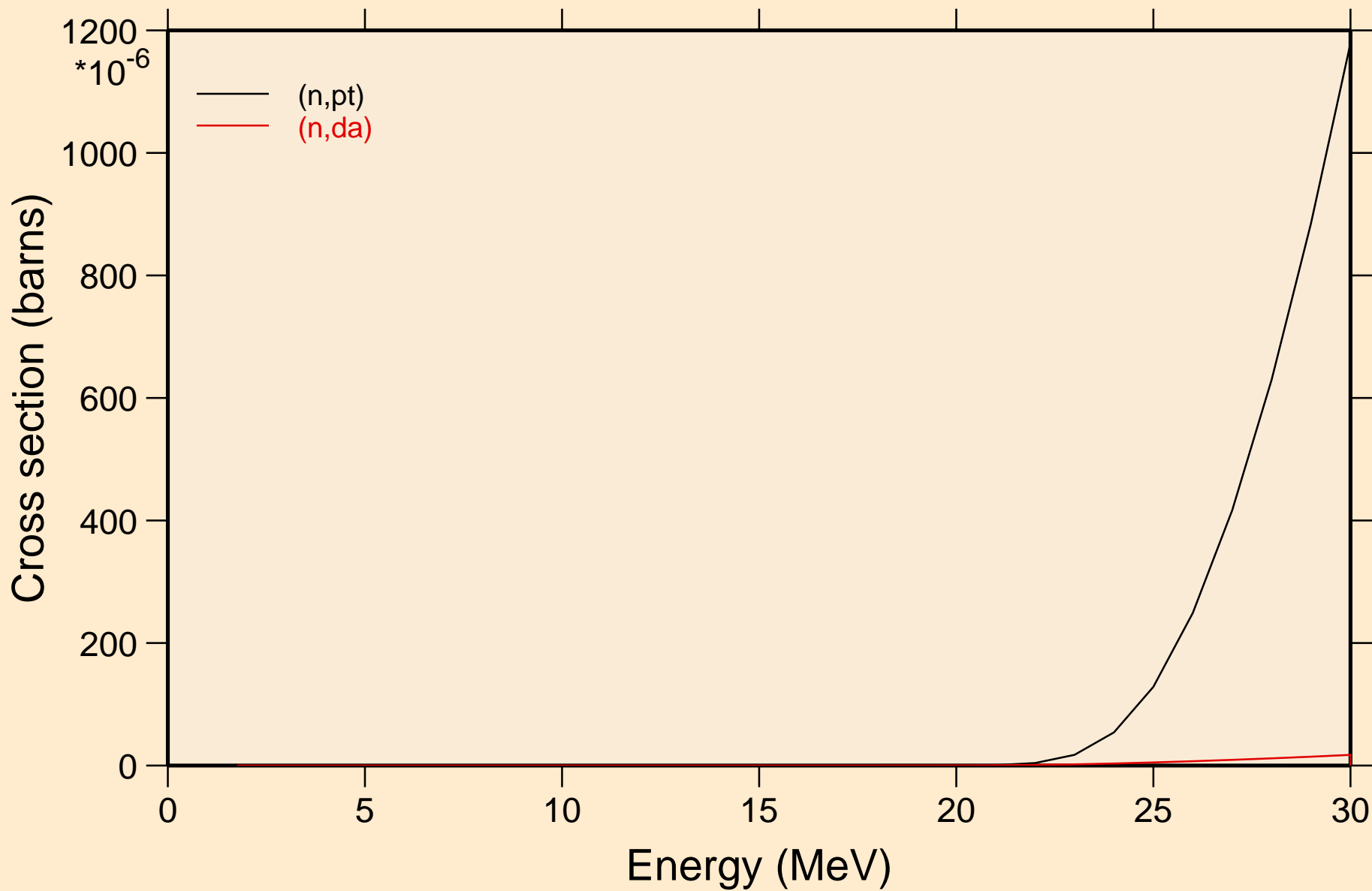
# GD144 NRG TENDL-2015, AKONING

## Threshold reactions



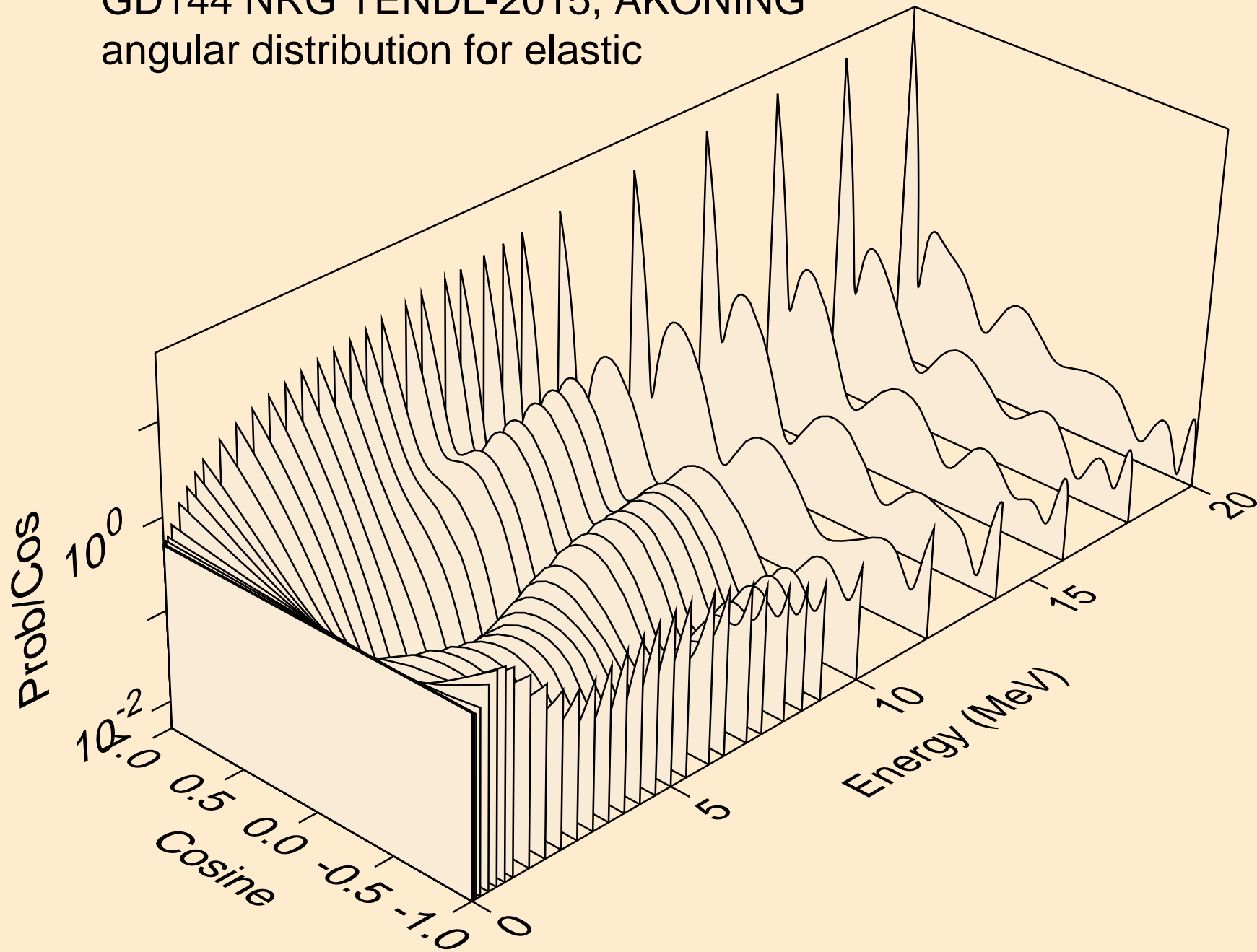
# GD144 NRG TENDL-2015, AKONING

## Threshold reactions

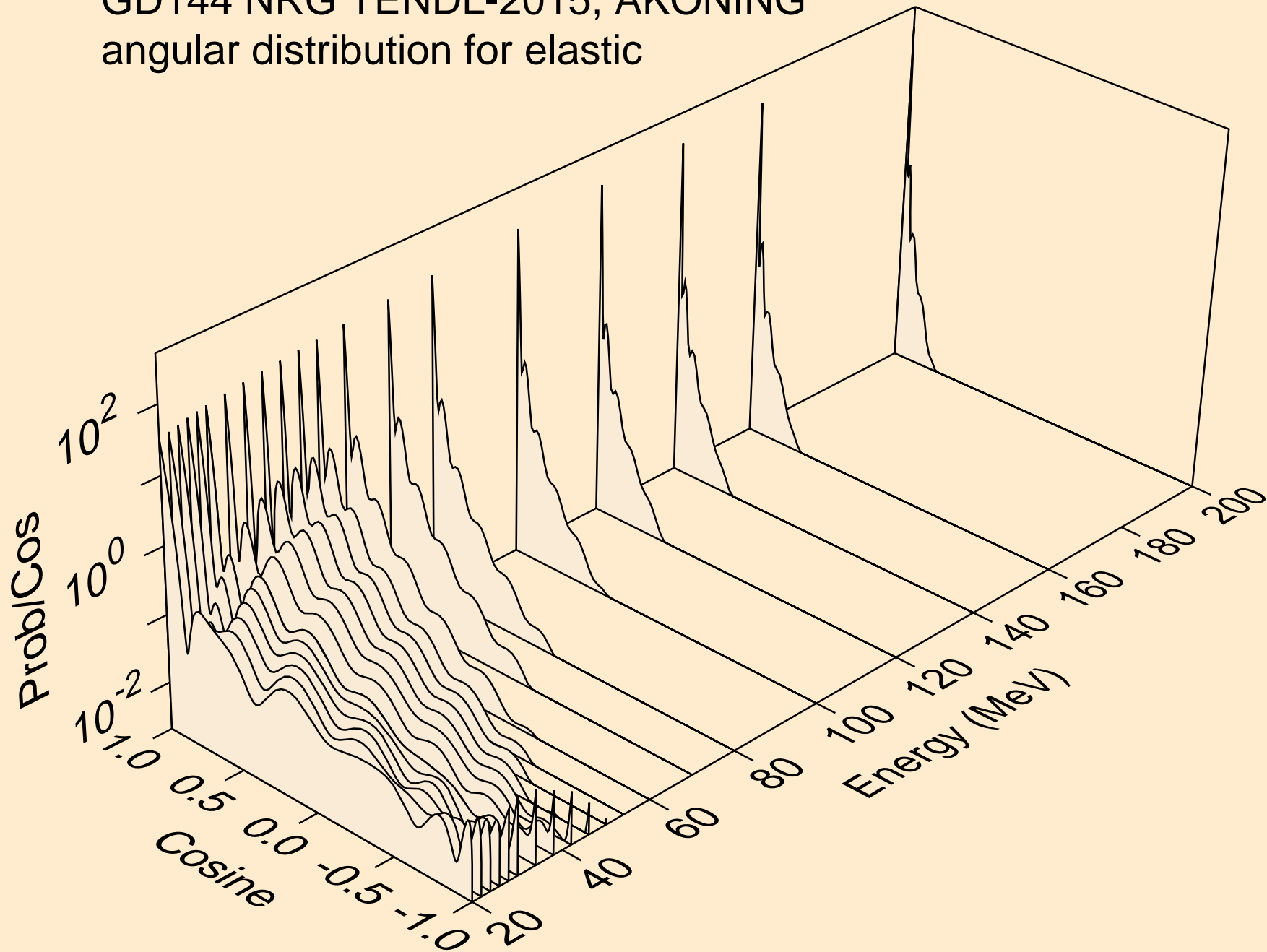




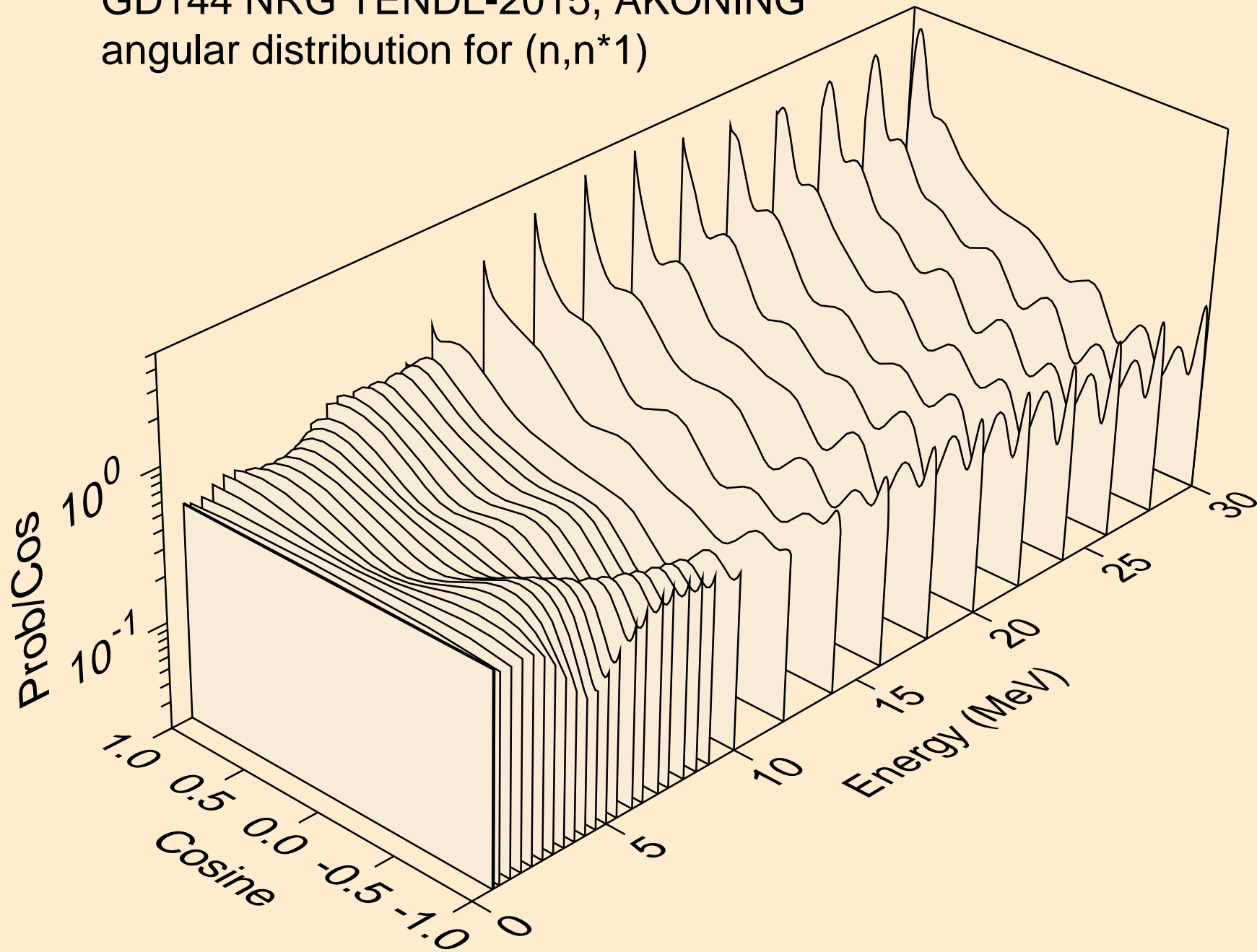
GD144 NRG TENDL-2015, AKONING  
angular distribution for elastic



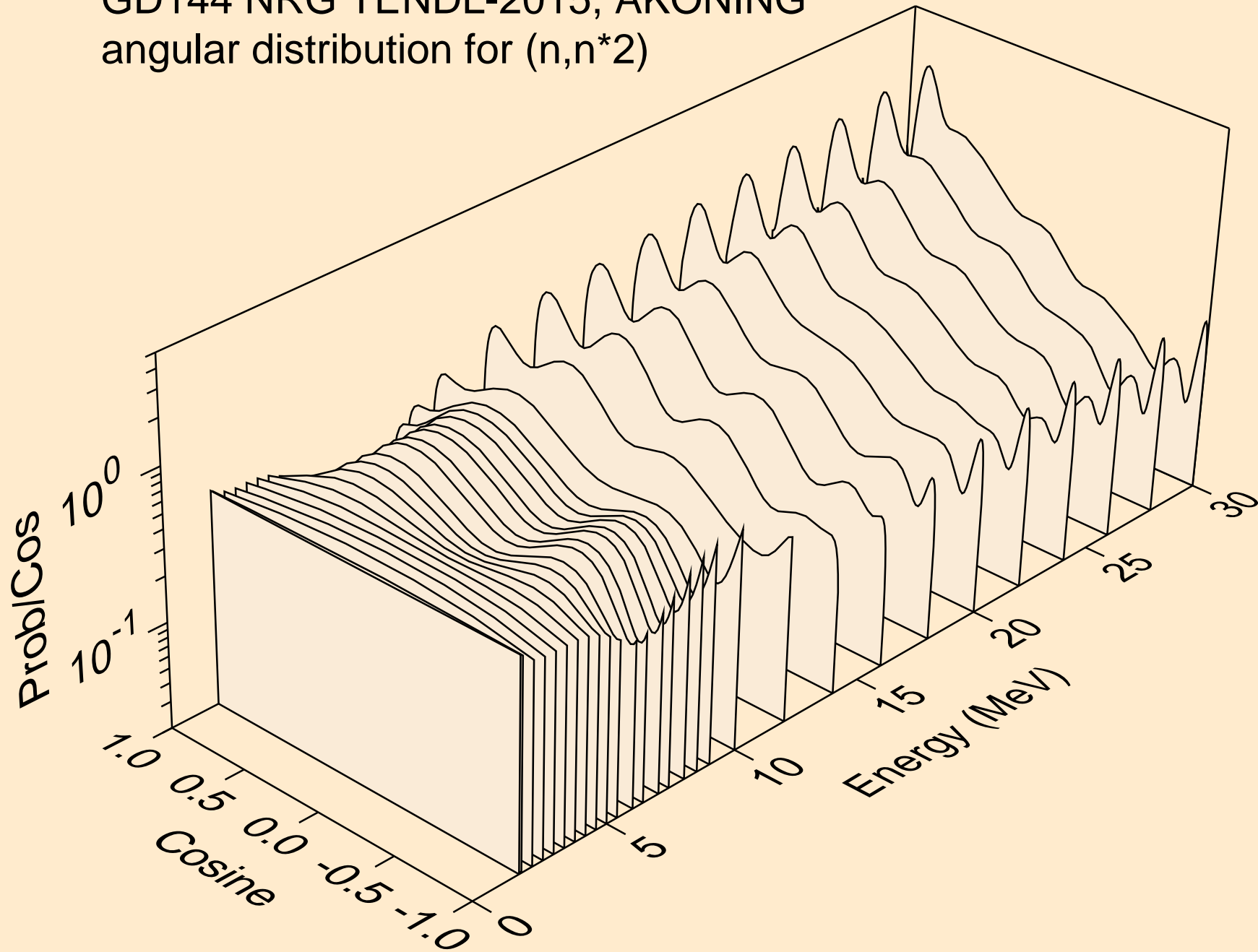
GD144 NRG TENDL-2015, AKONING  
angular distribution for elastic



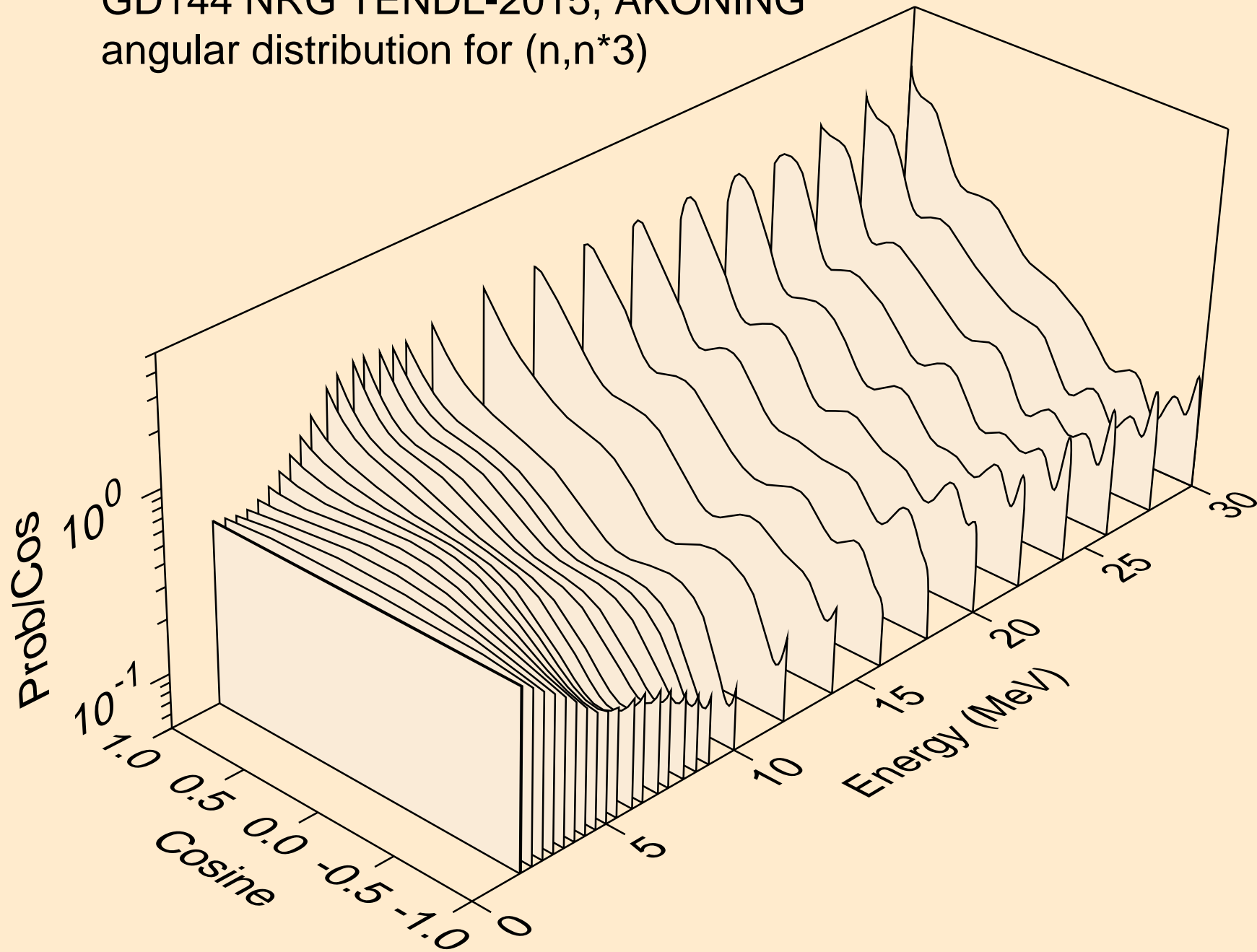
GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



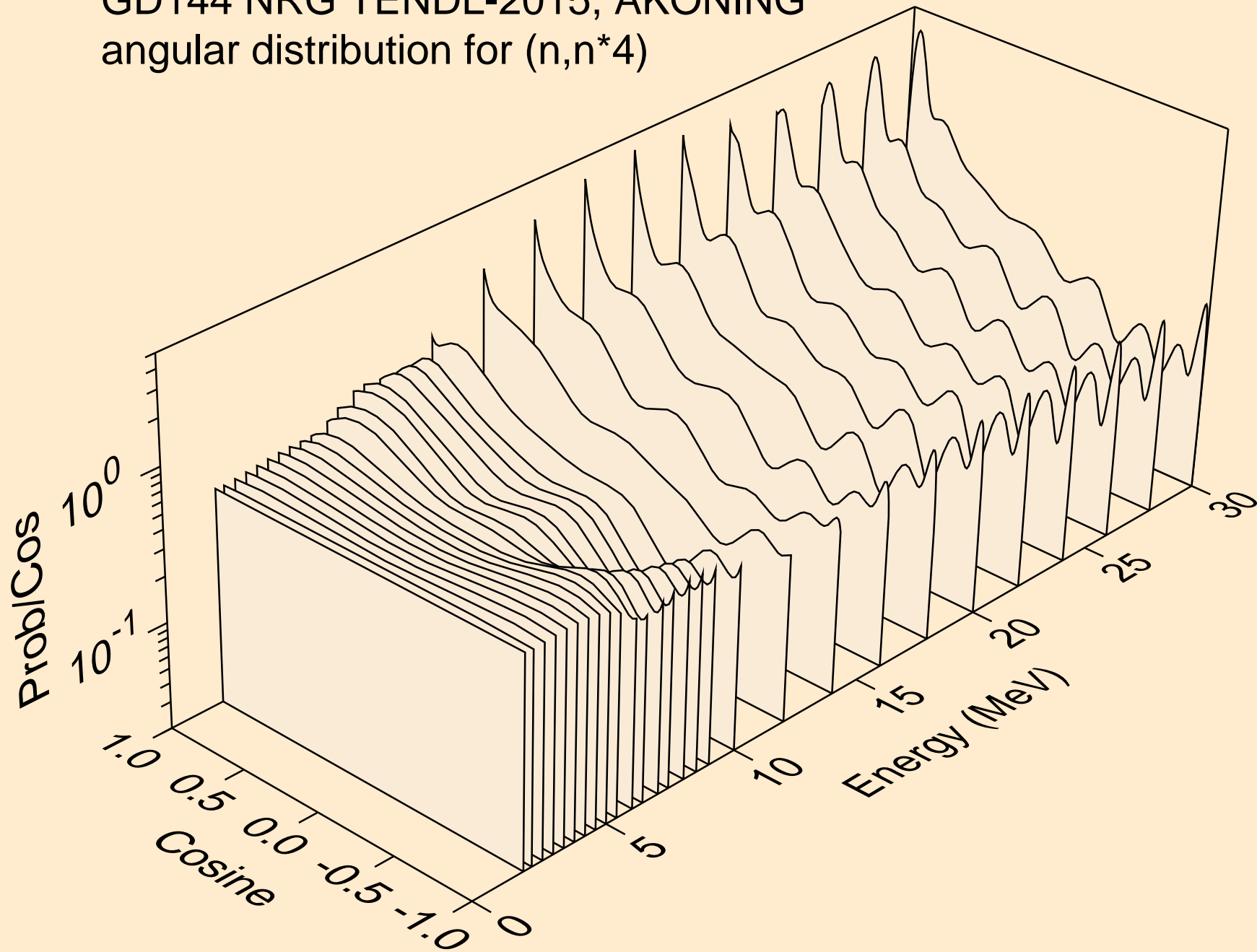
GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



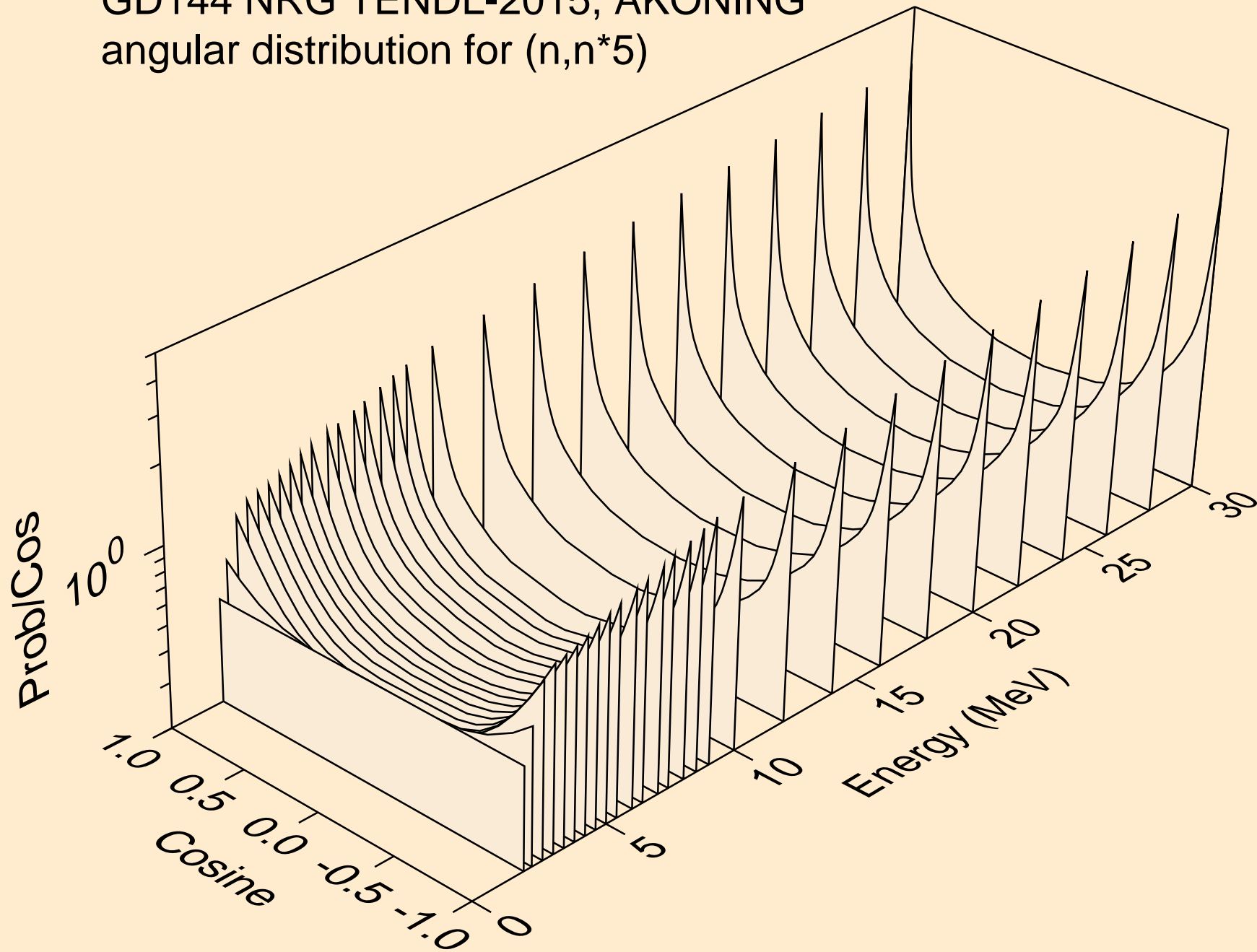
GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



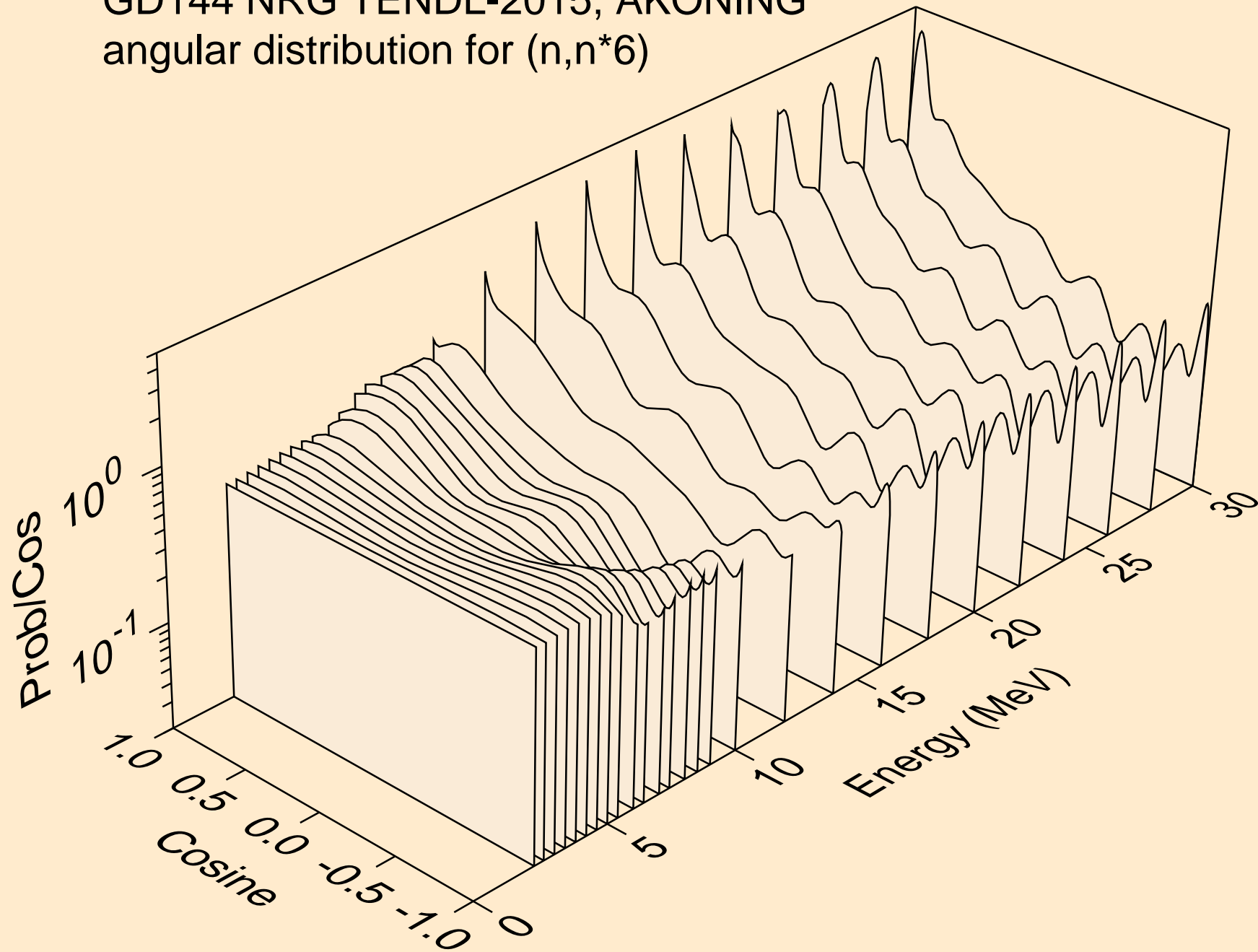
GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

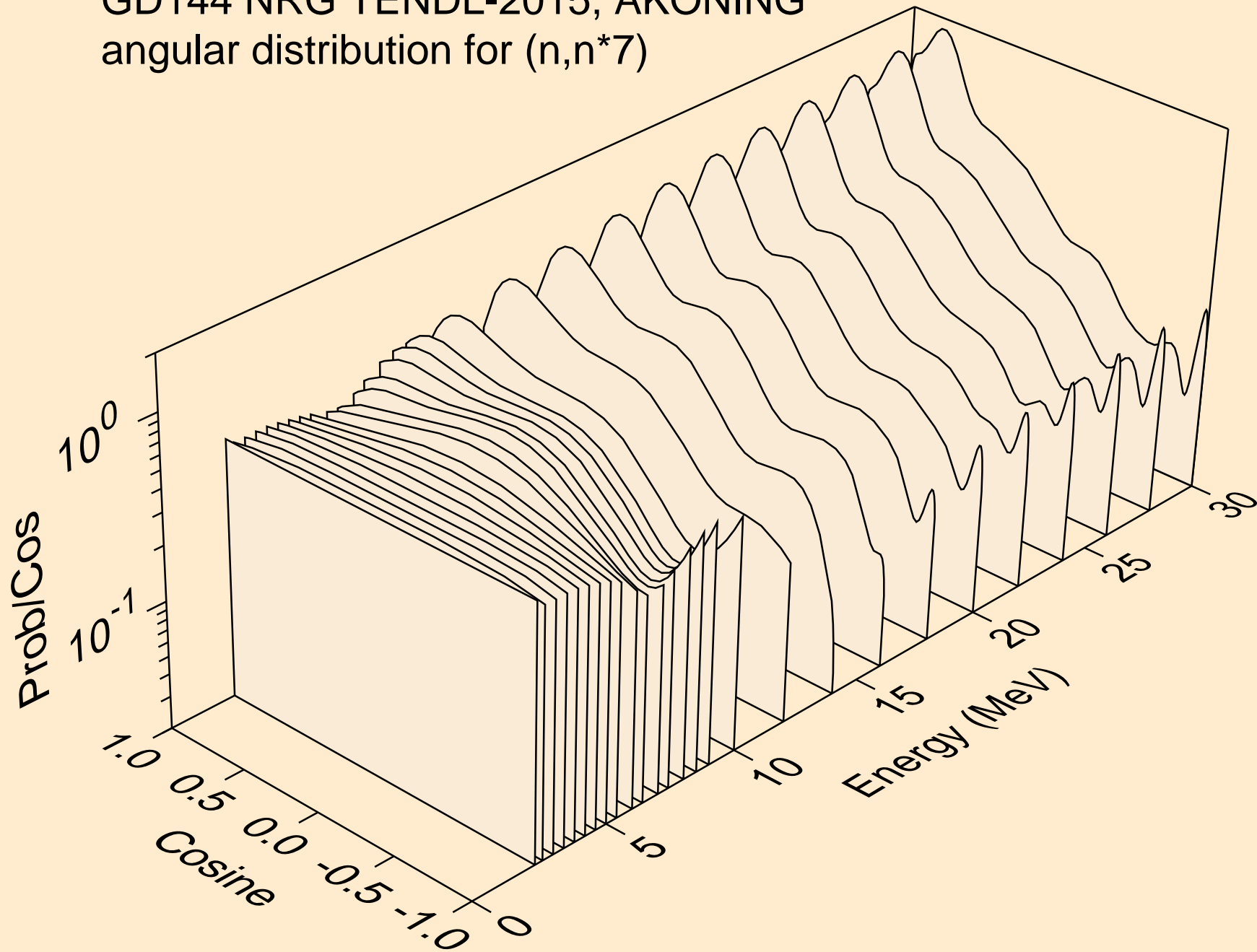


GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

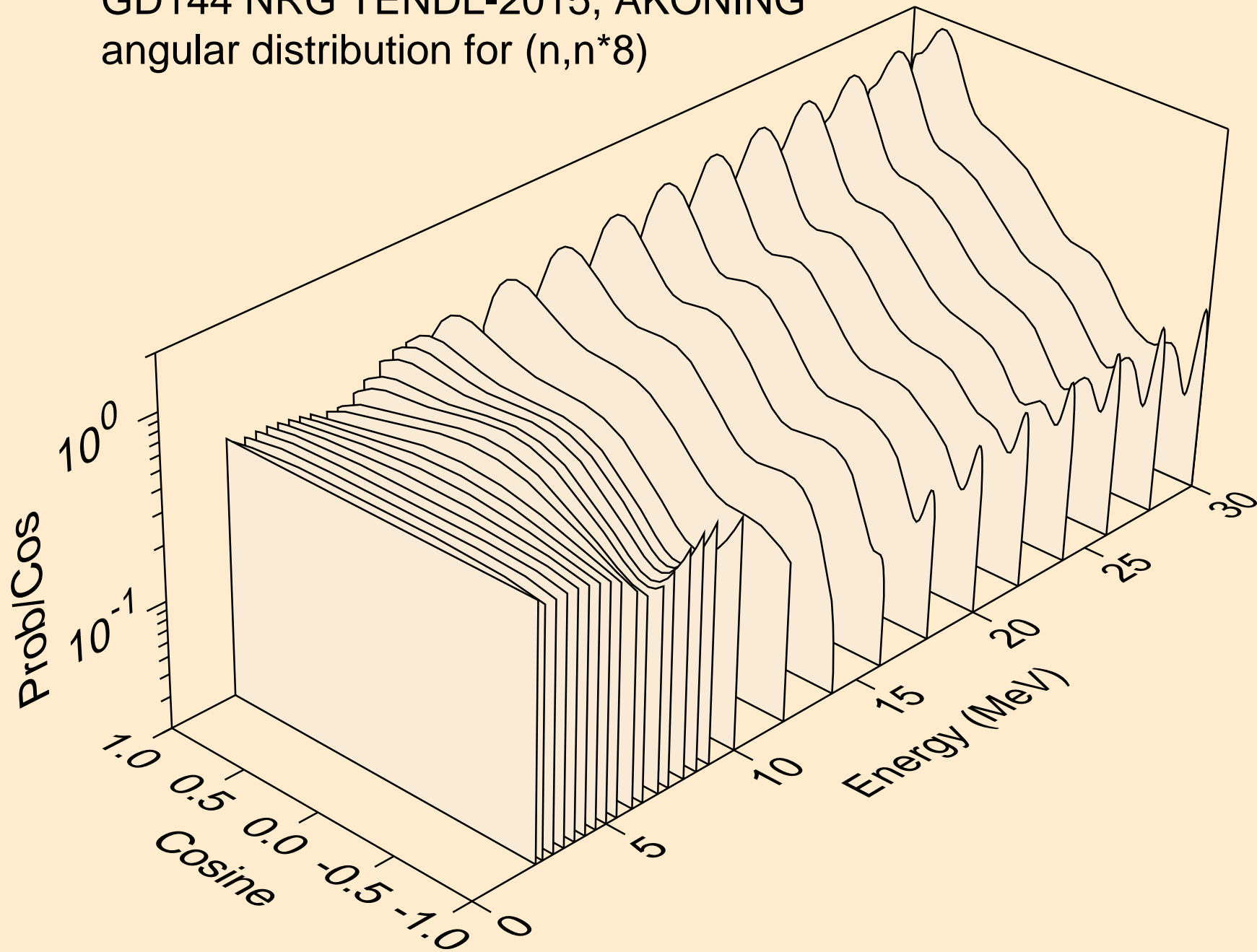




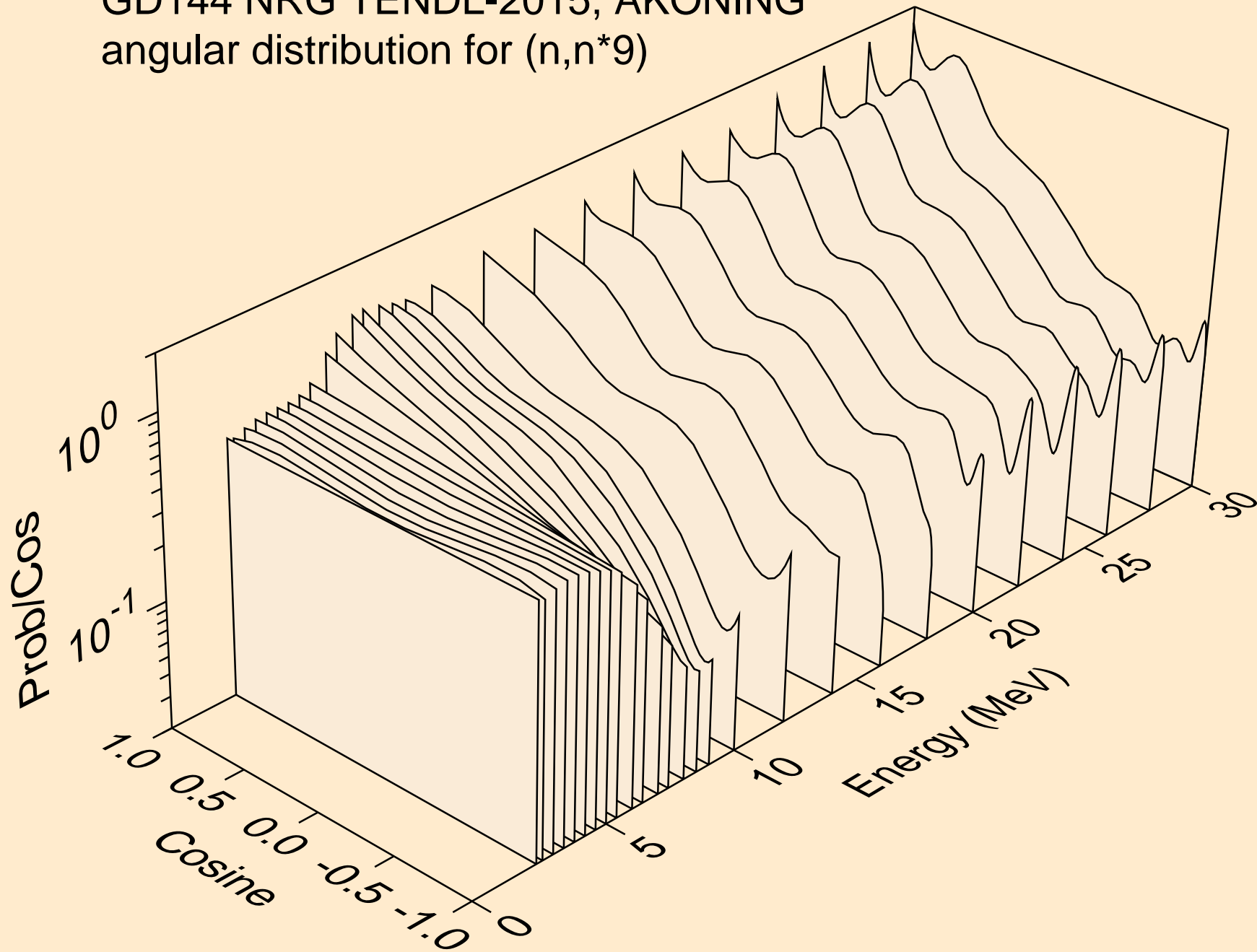
GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



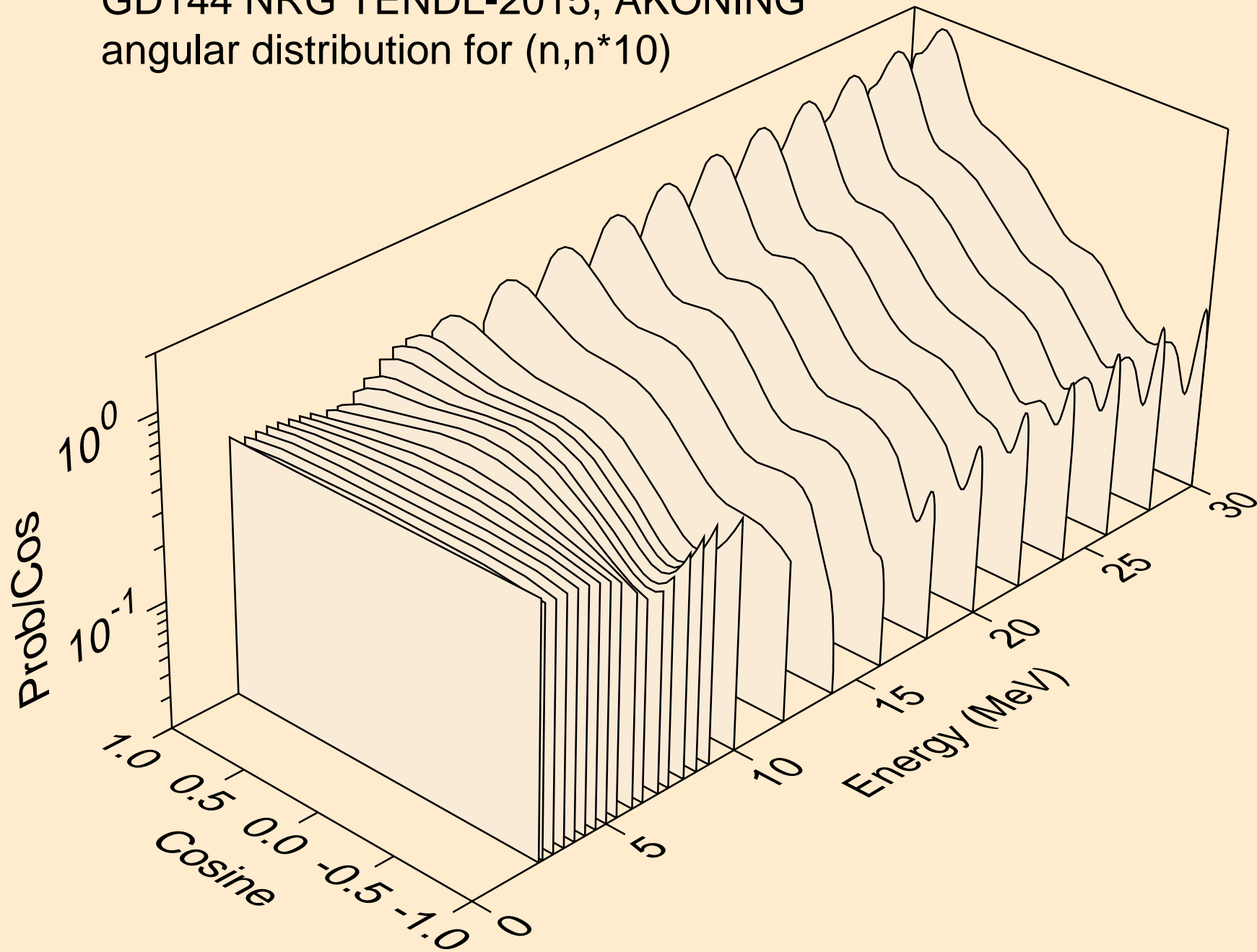
GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



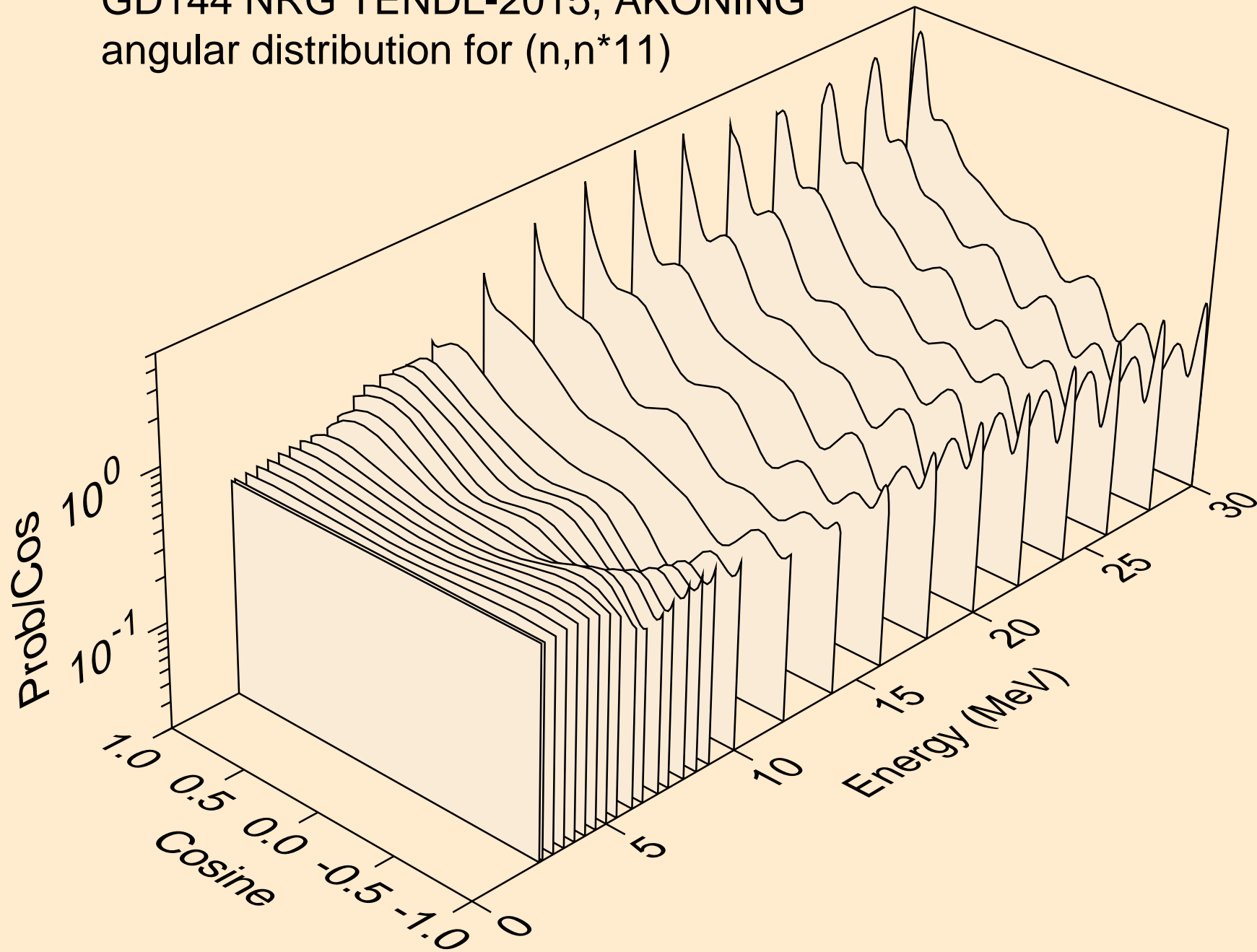
GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



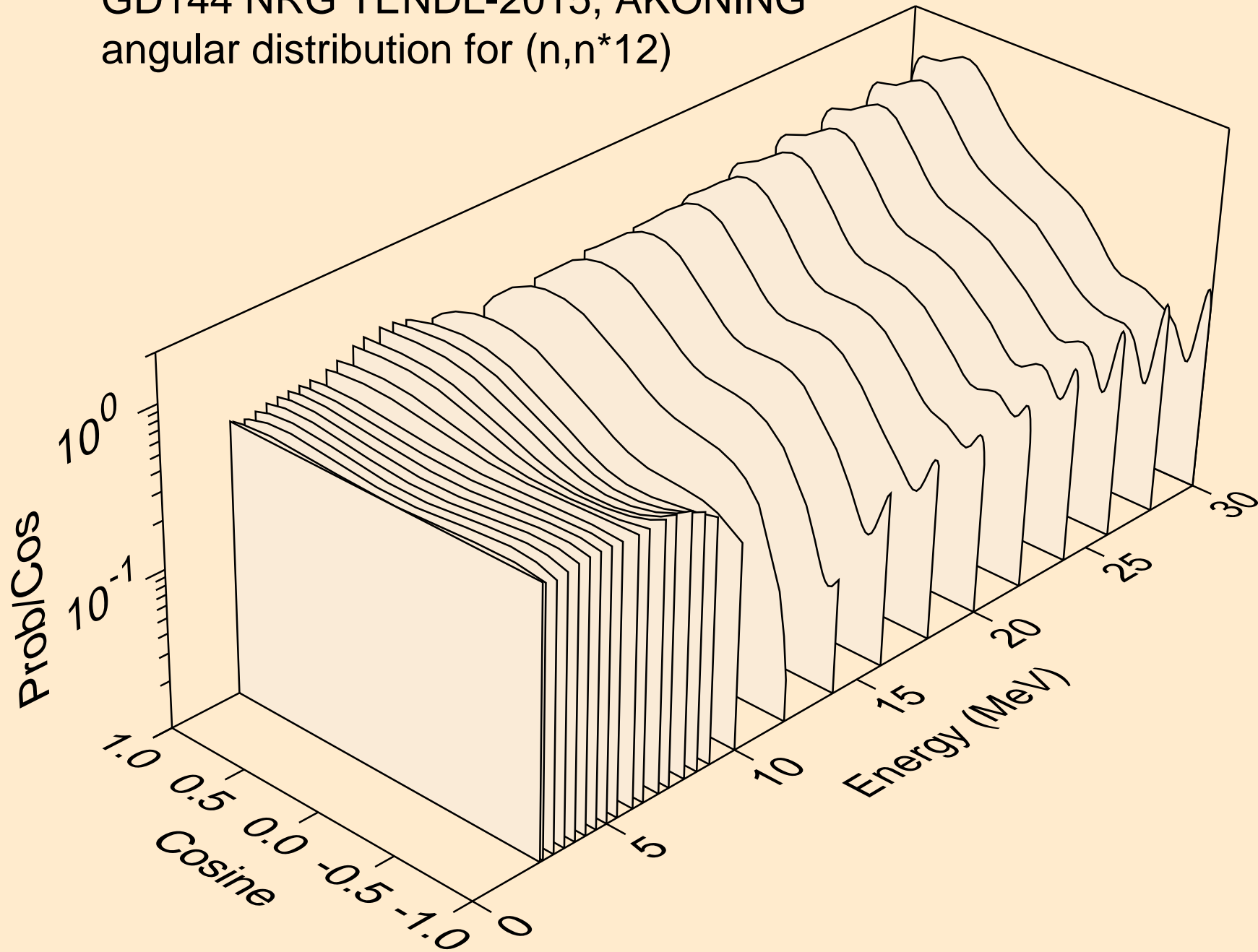
GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



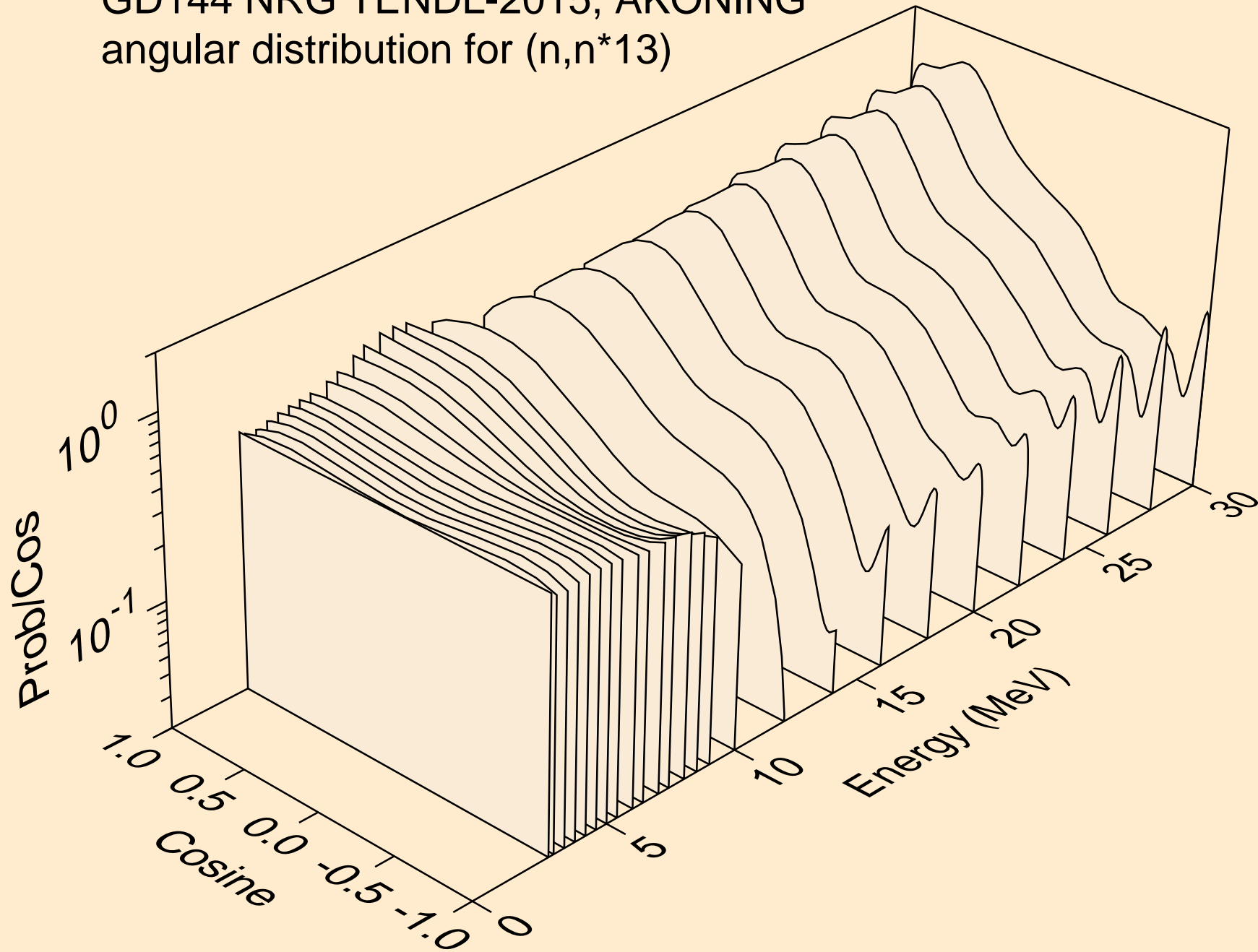
GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



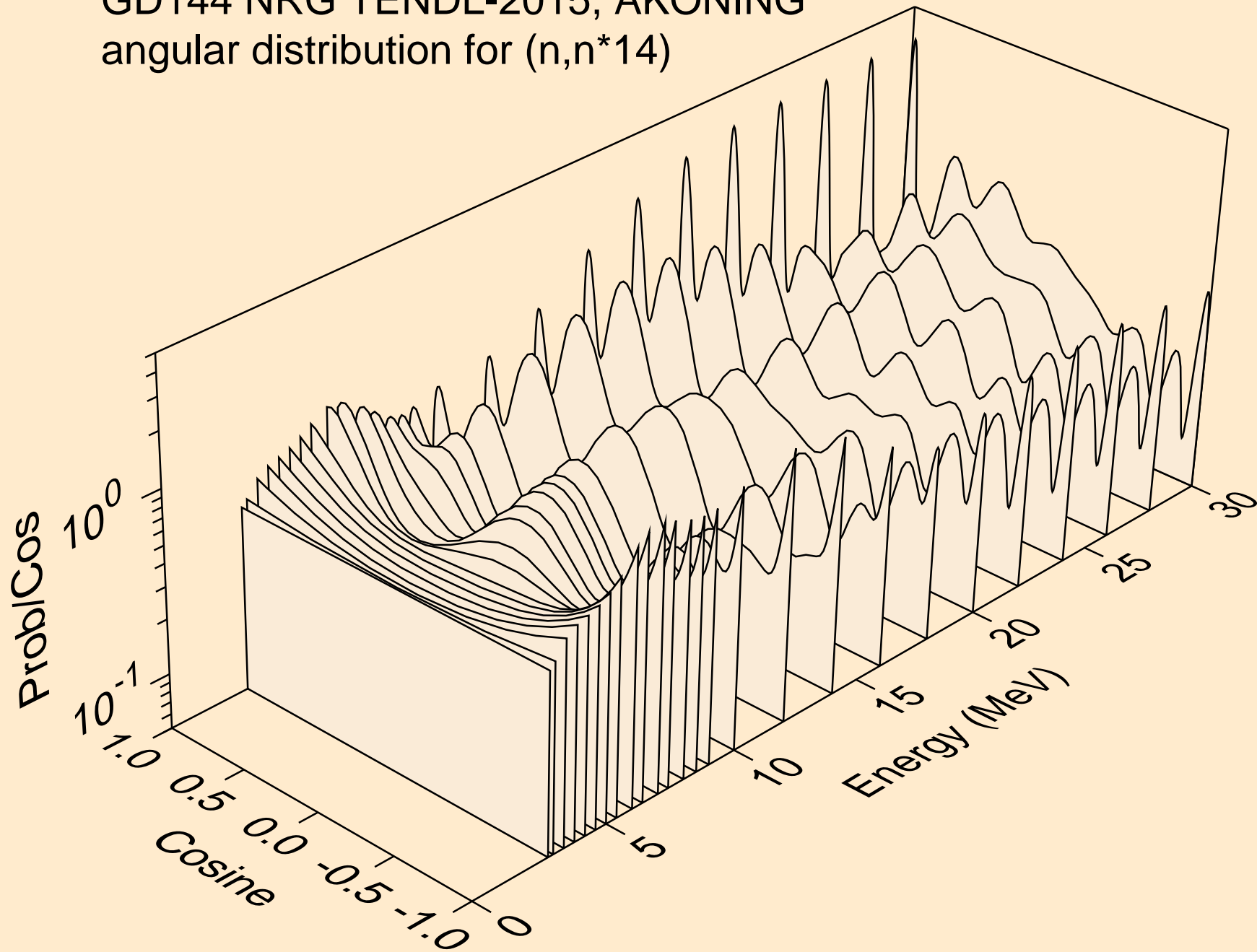
GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

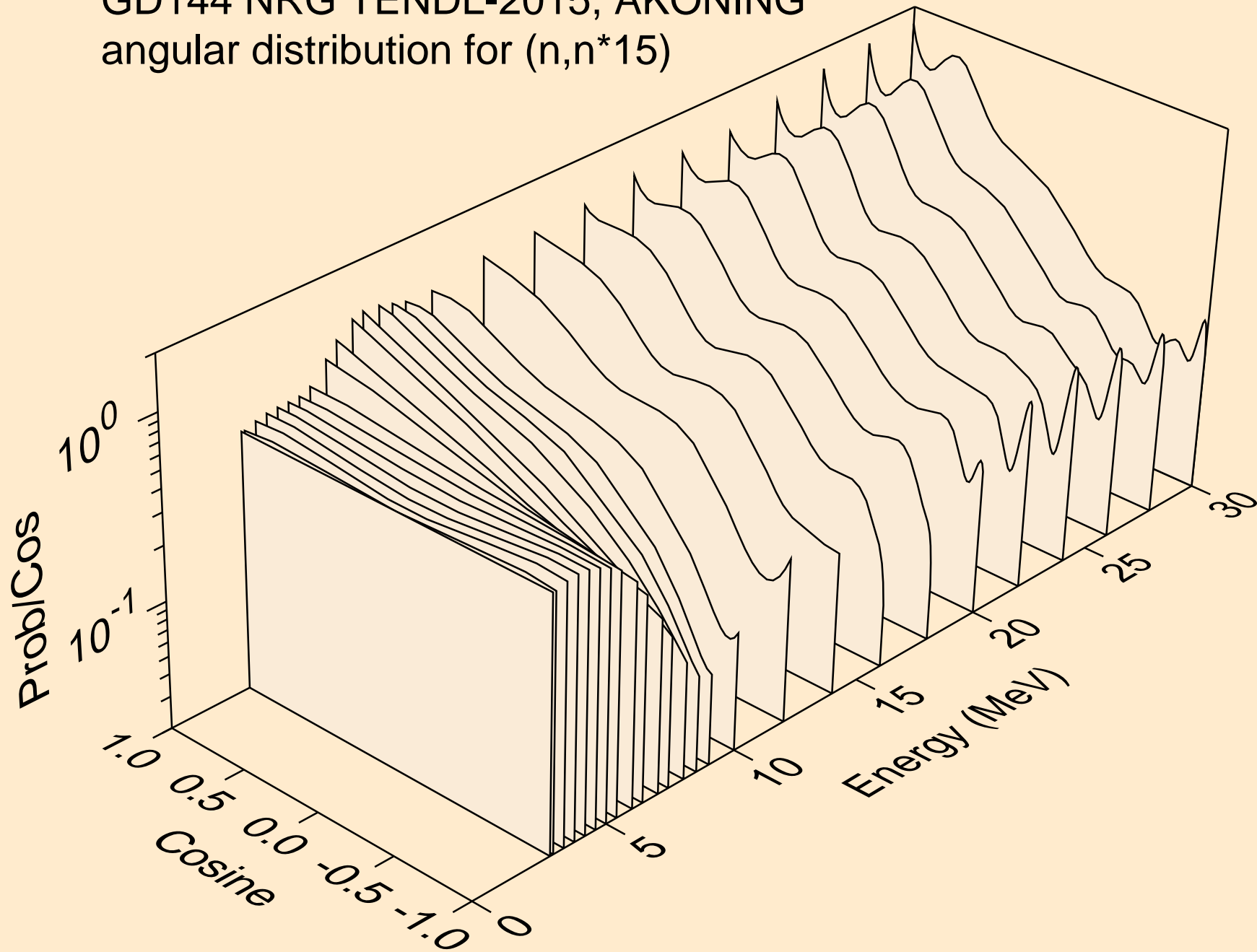


GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

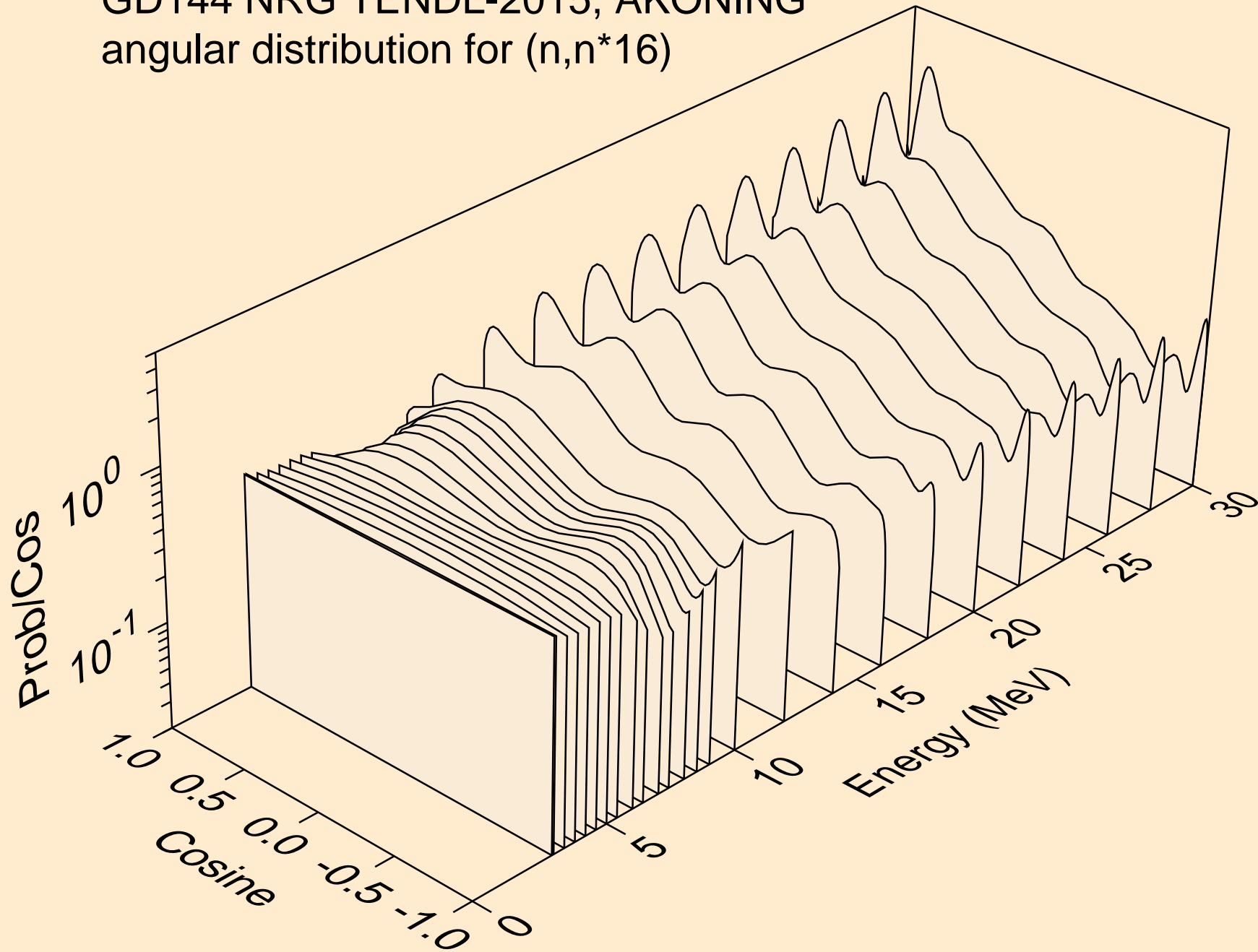




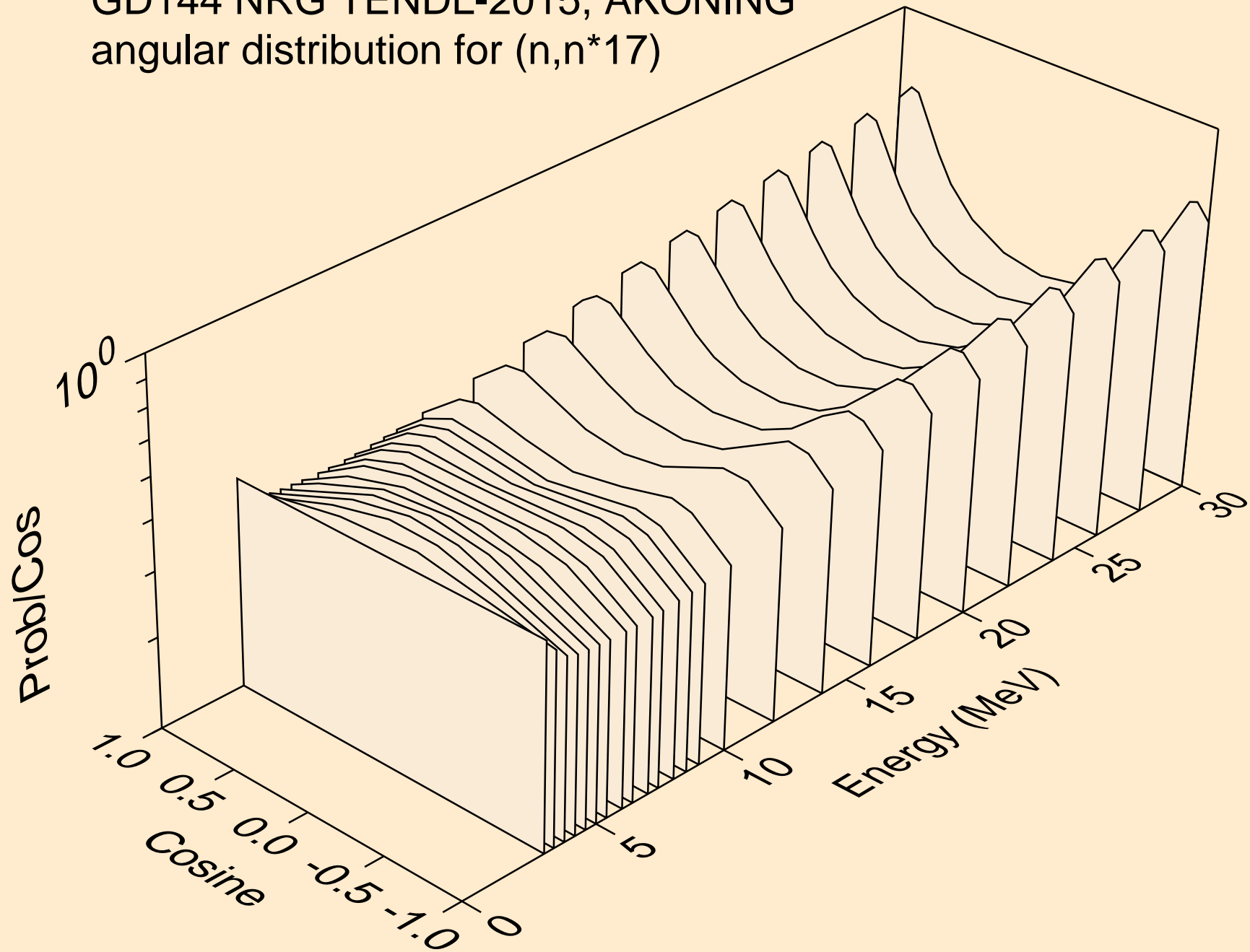
GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



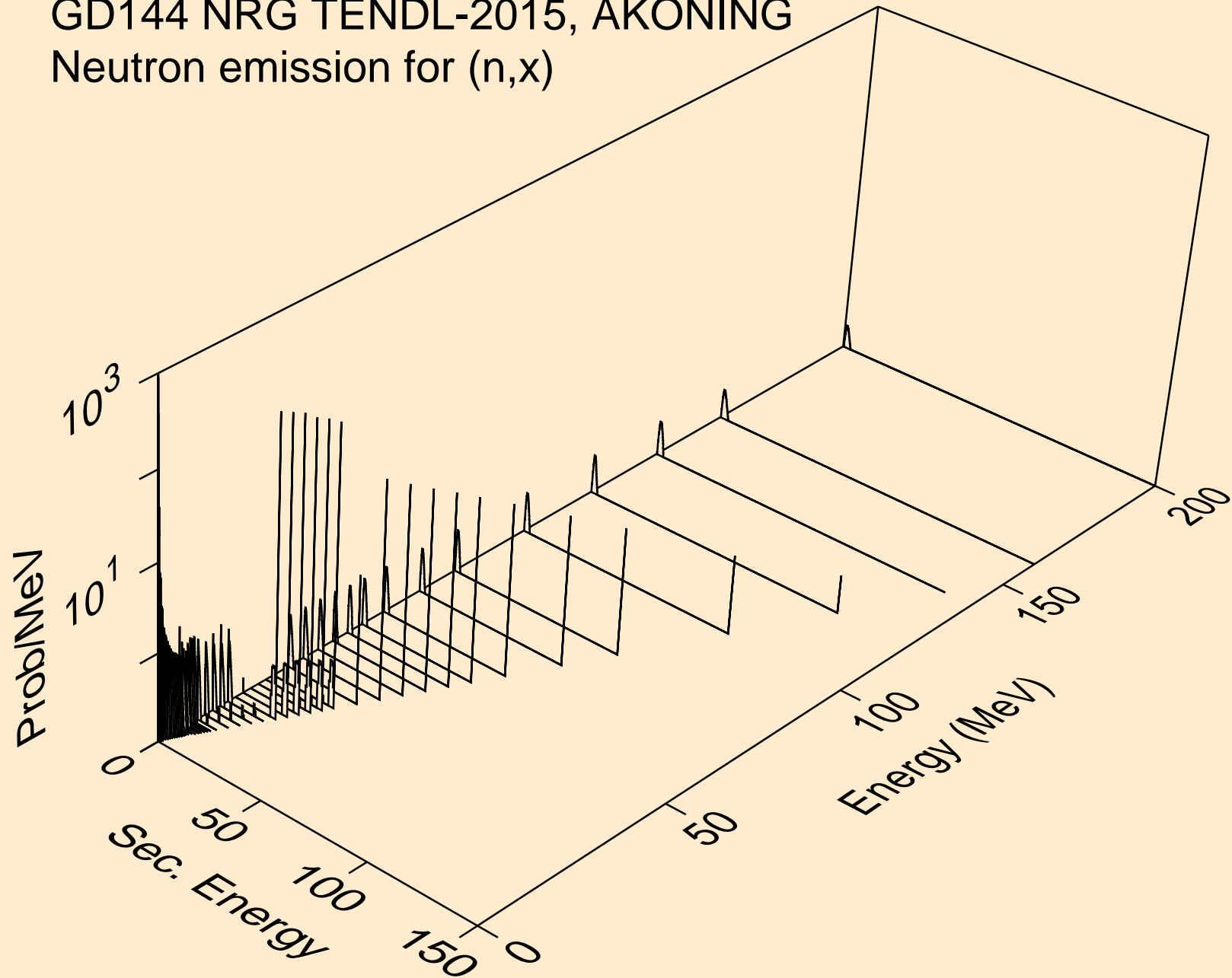
GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



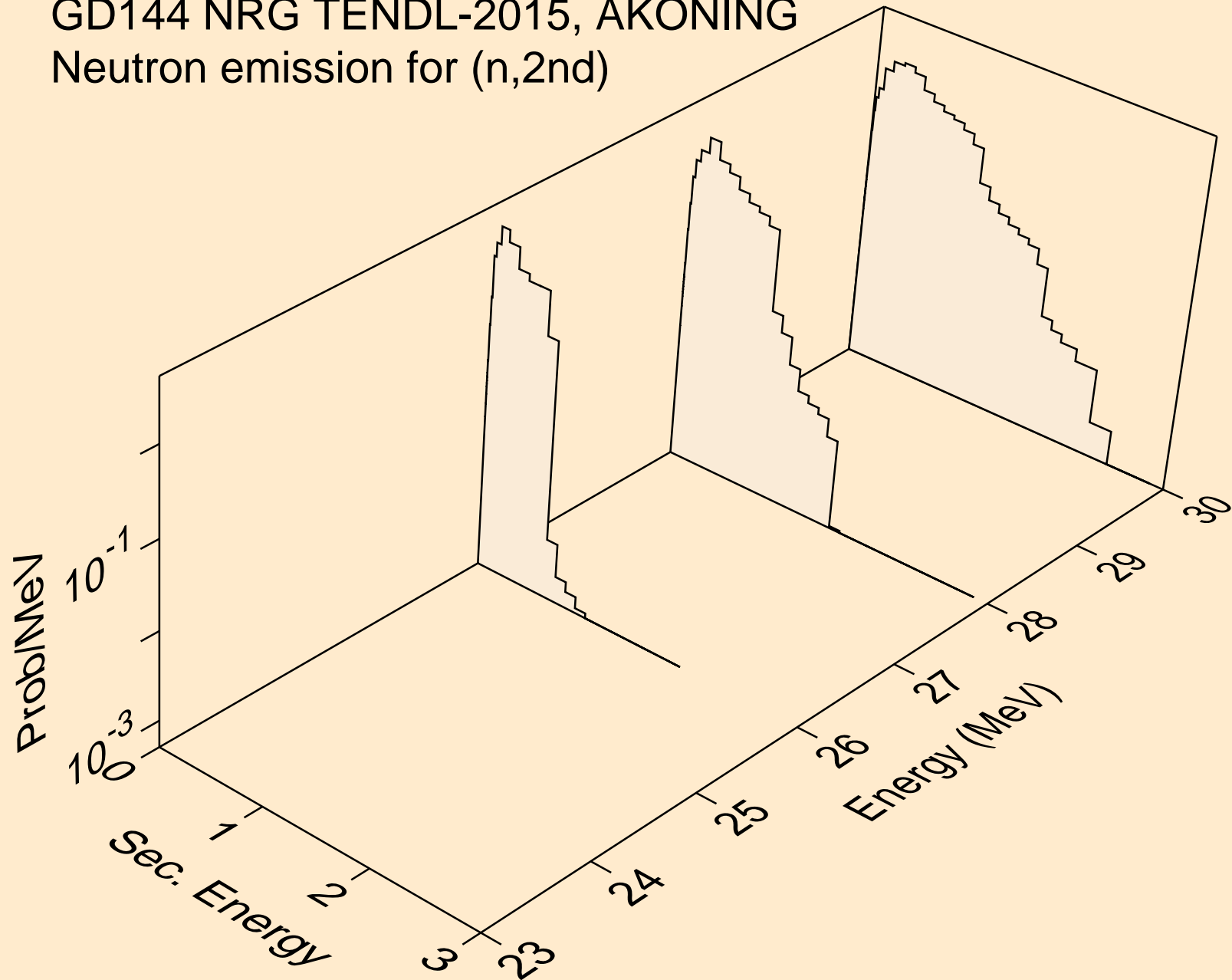
GD144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



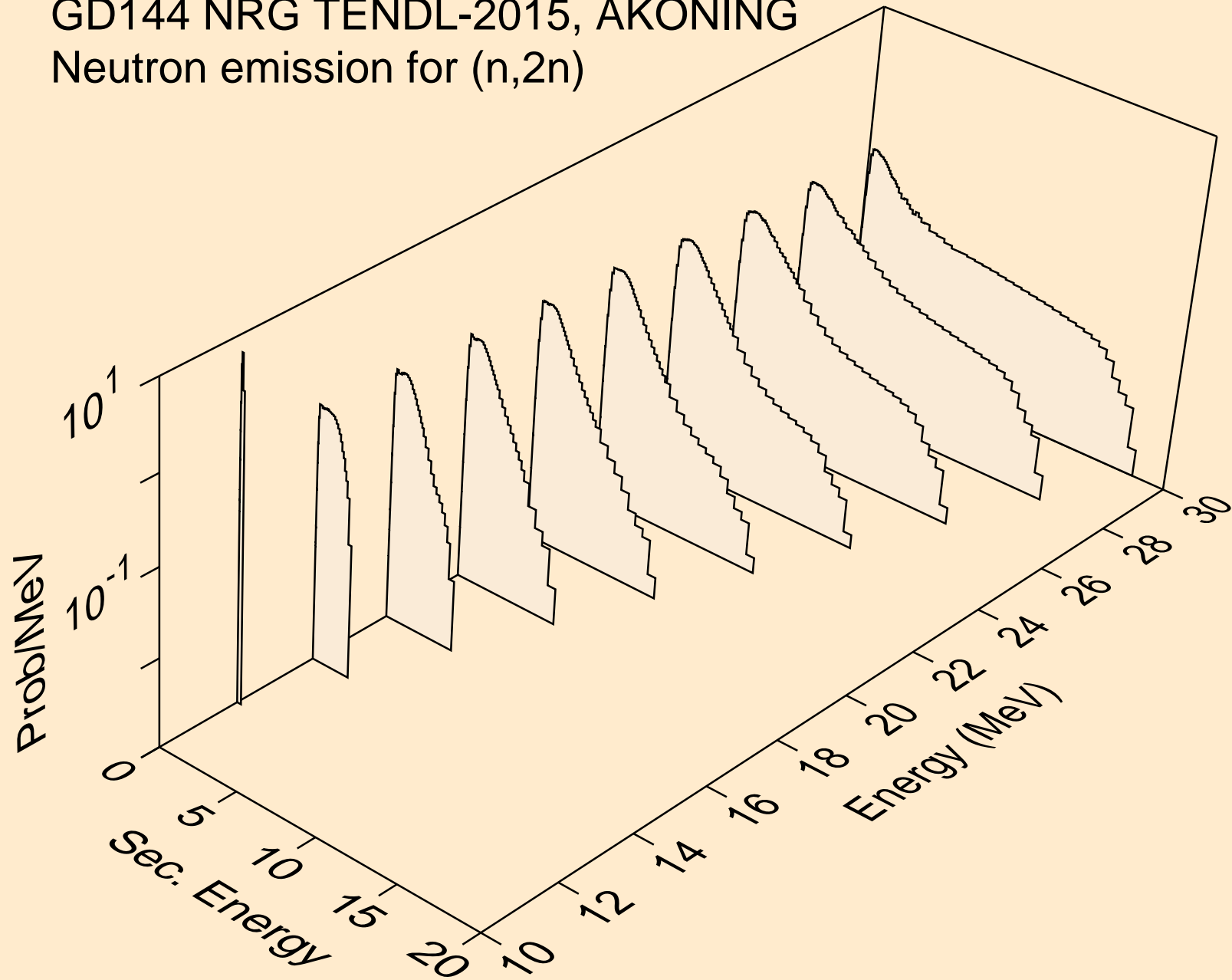
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



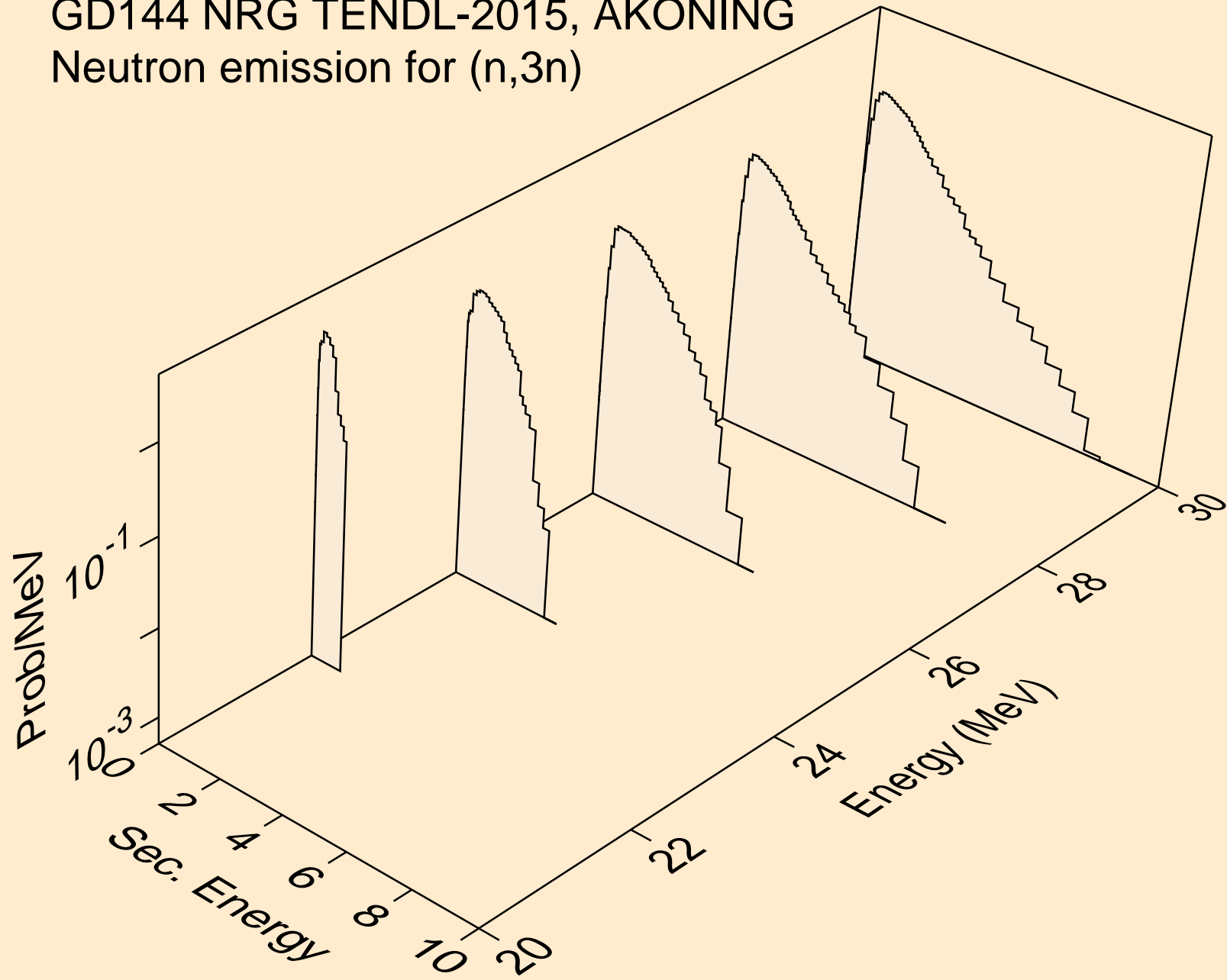
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



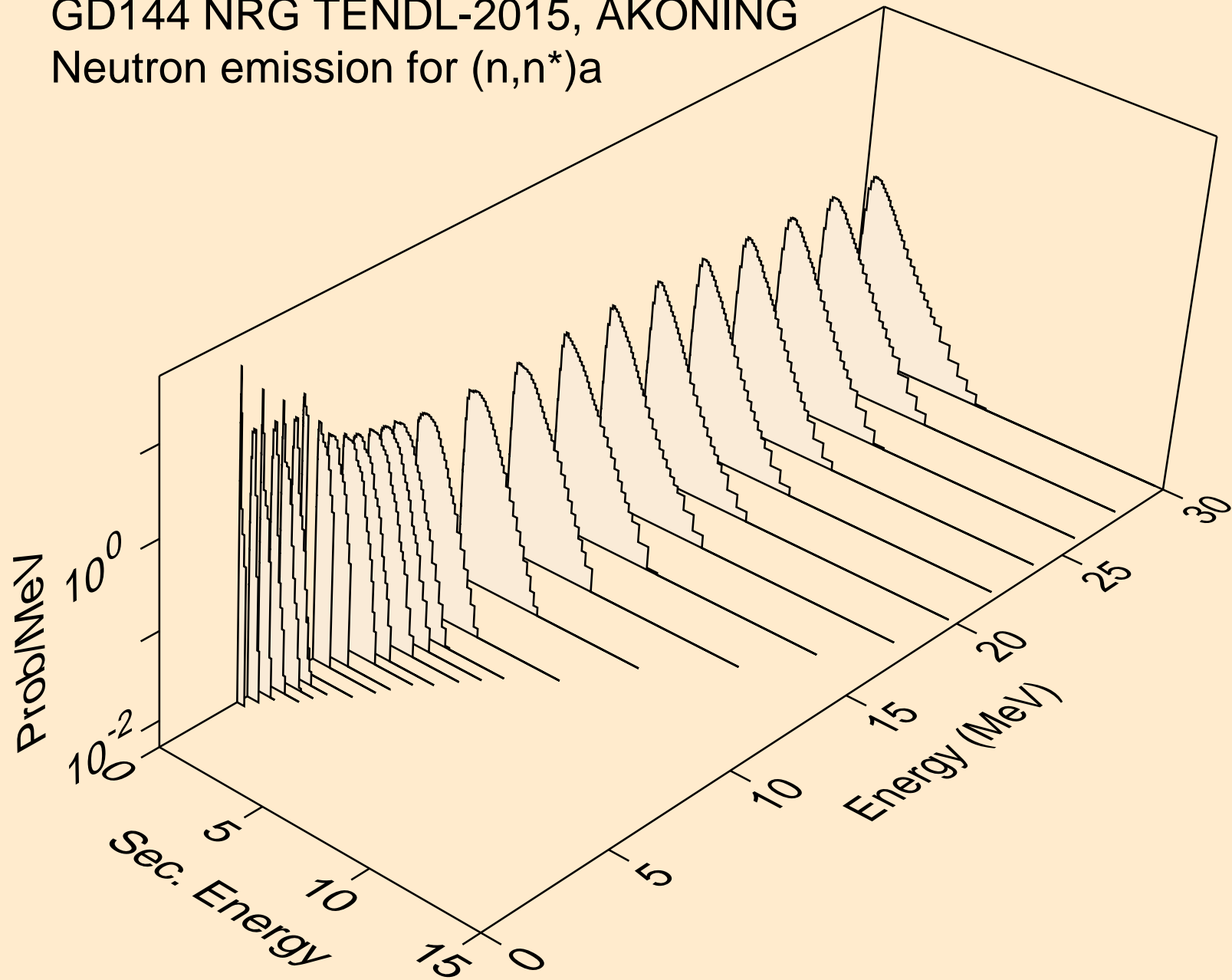
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

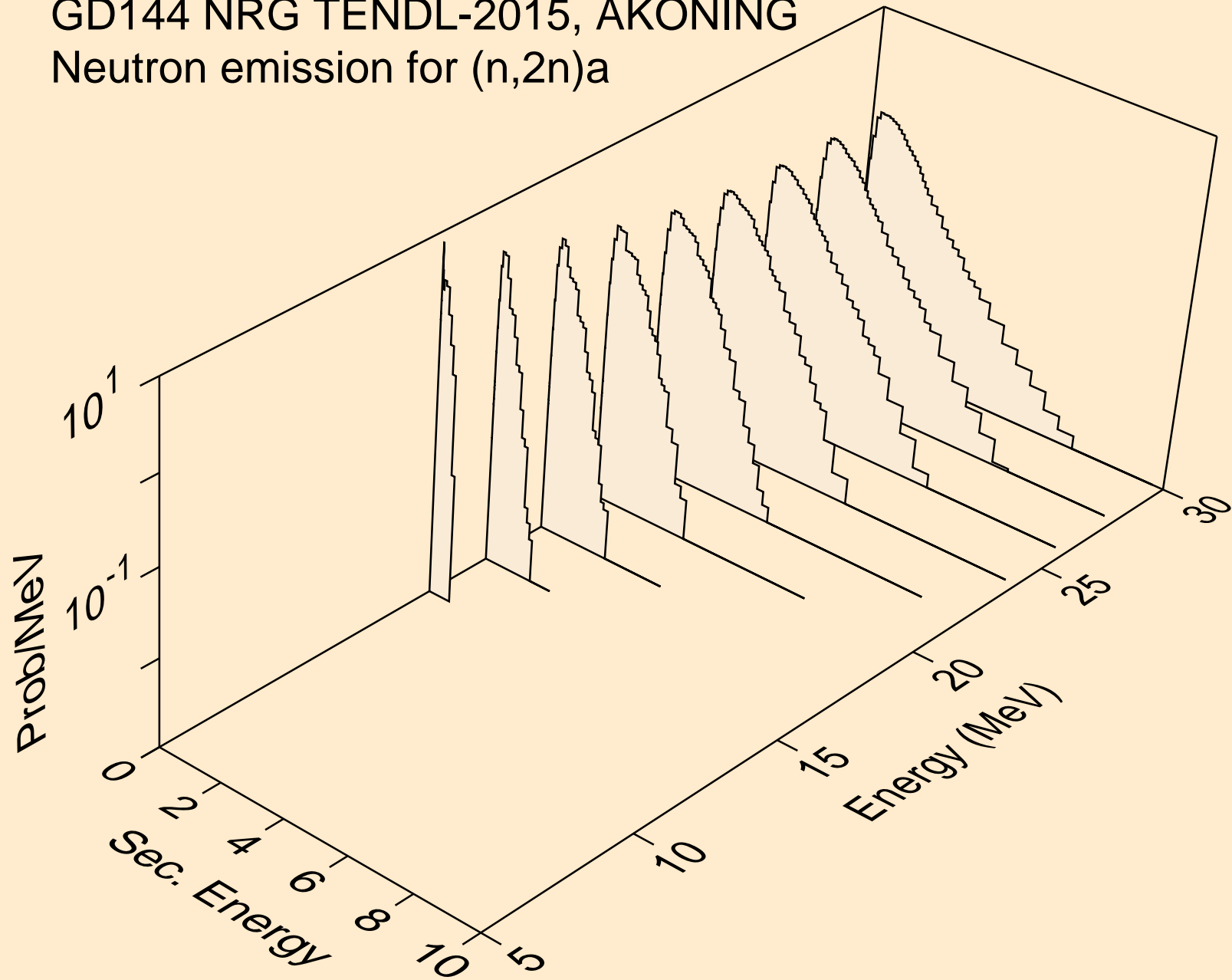


GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

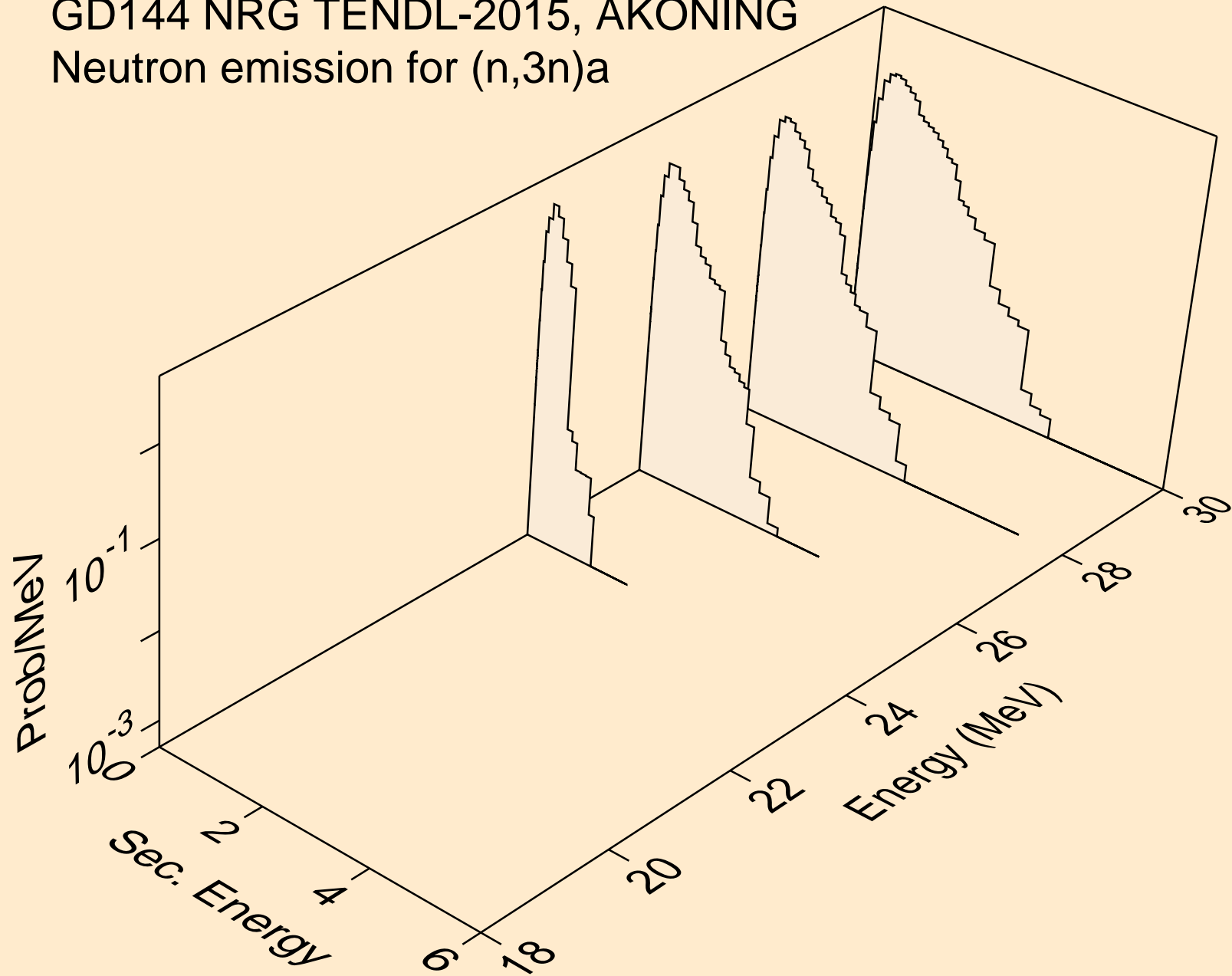




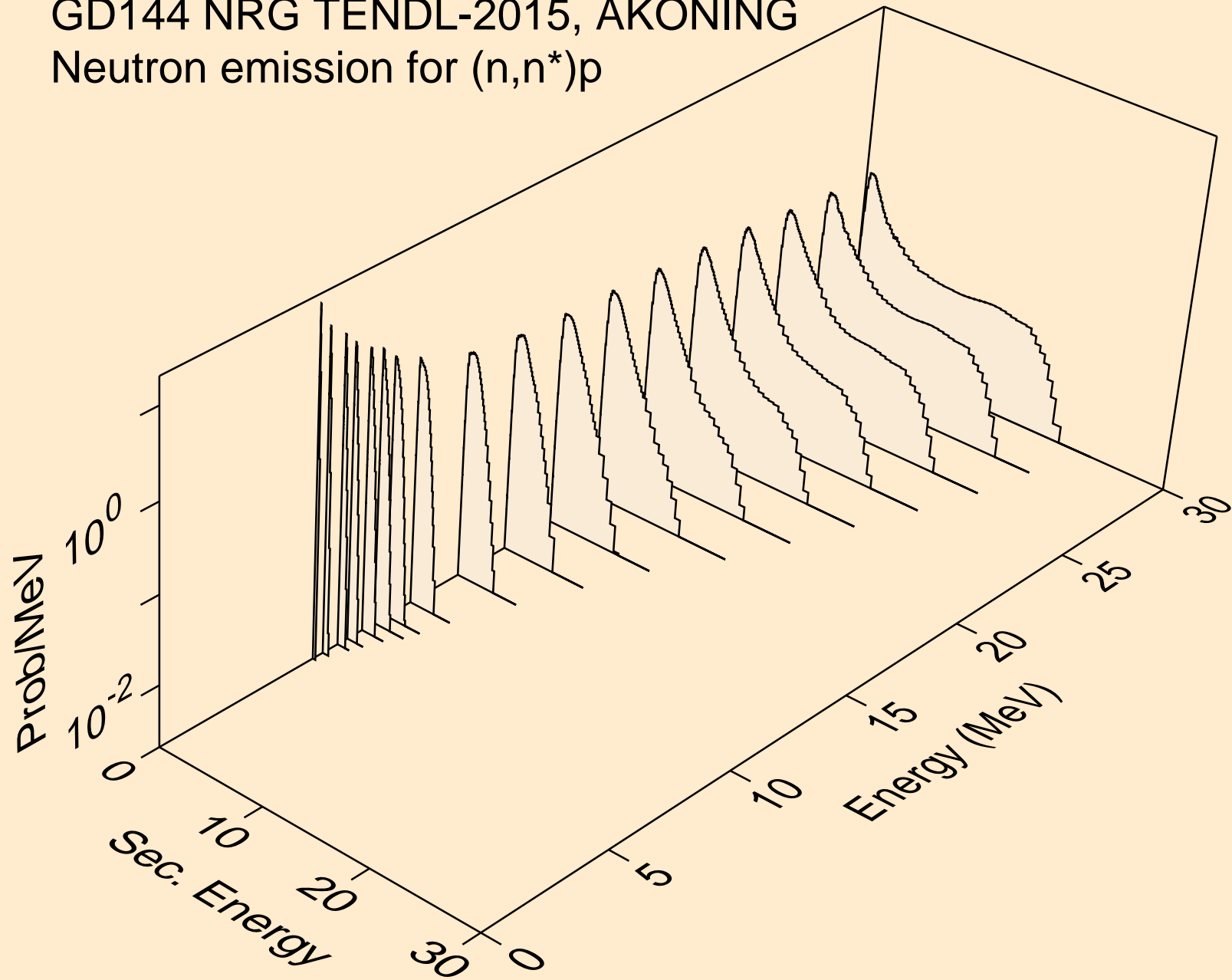
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



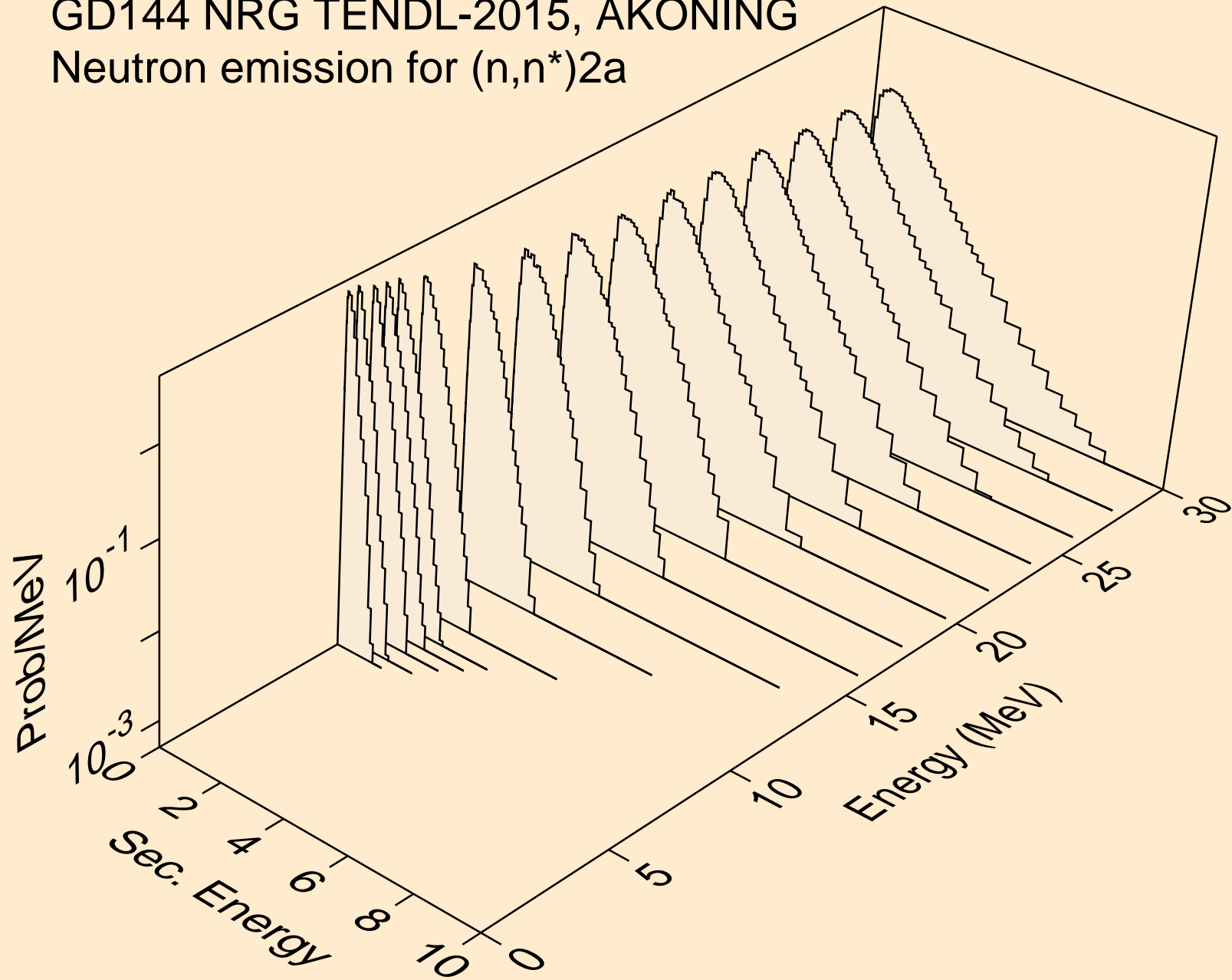
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



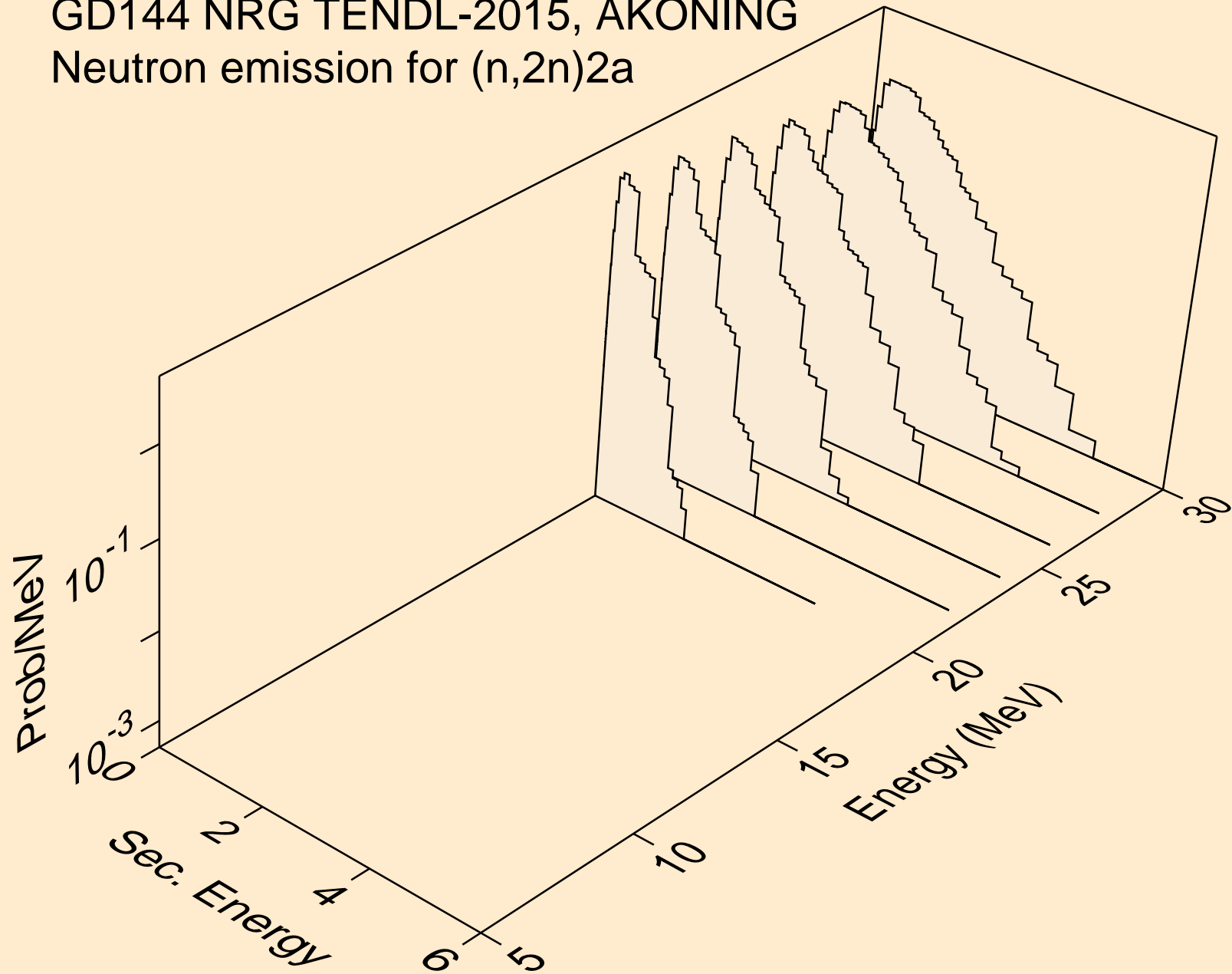
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



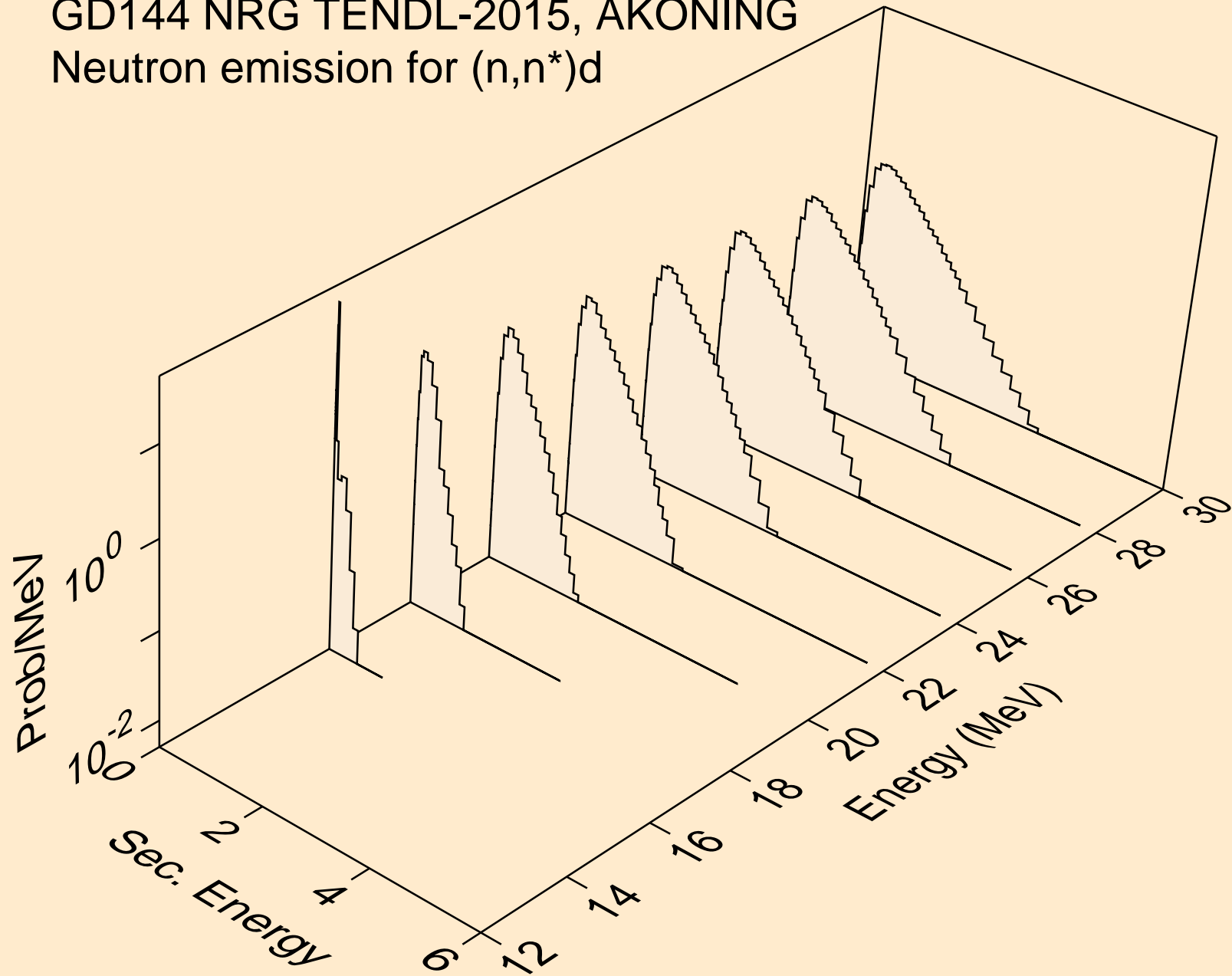
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



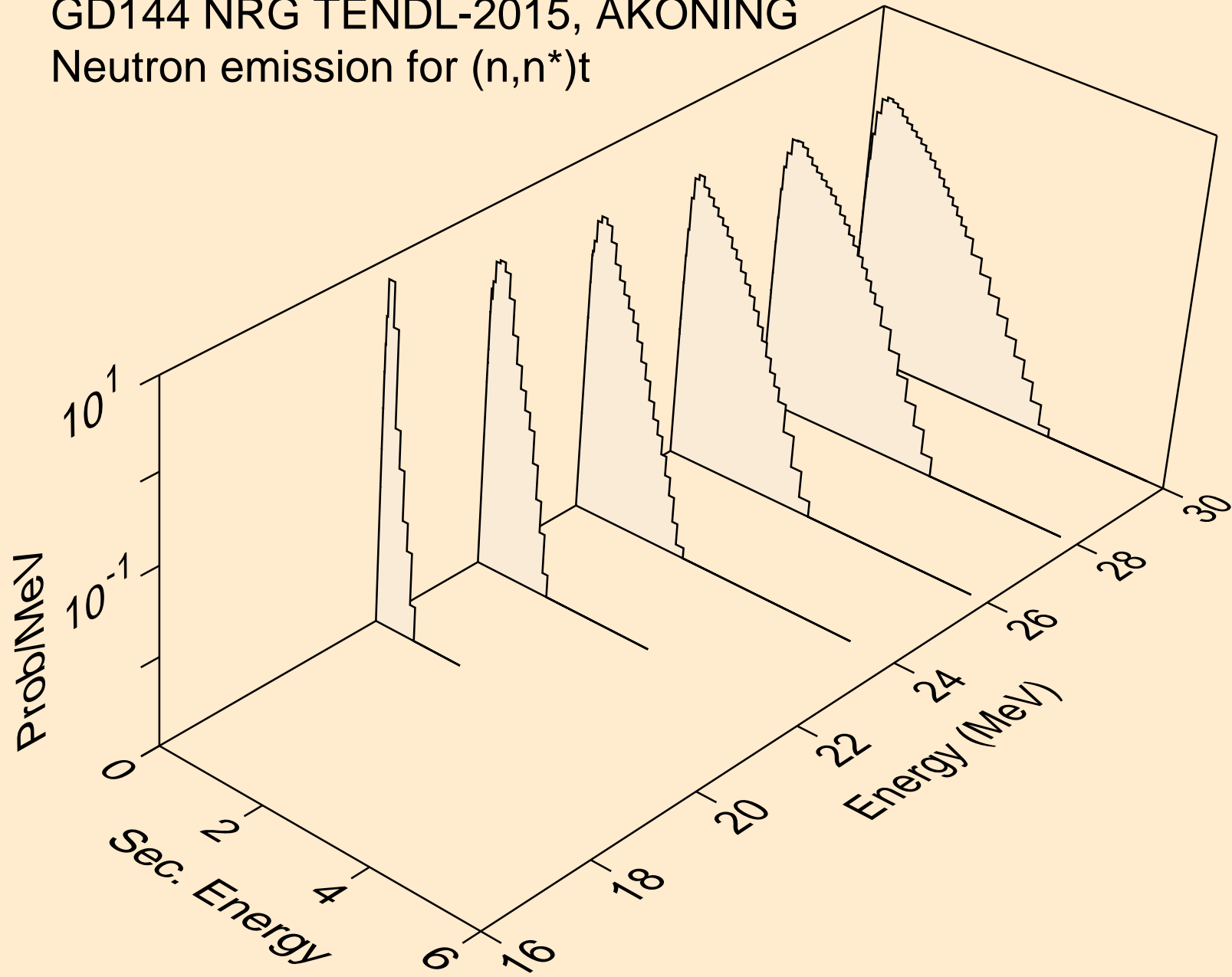
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



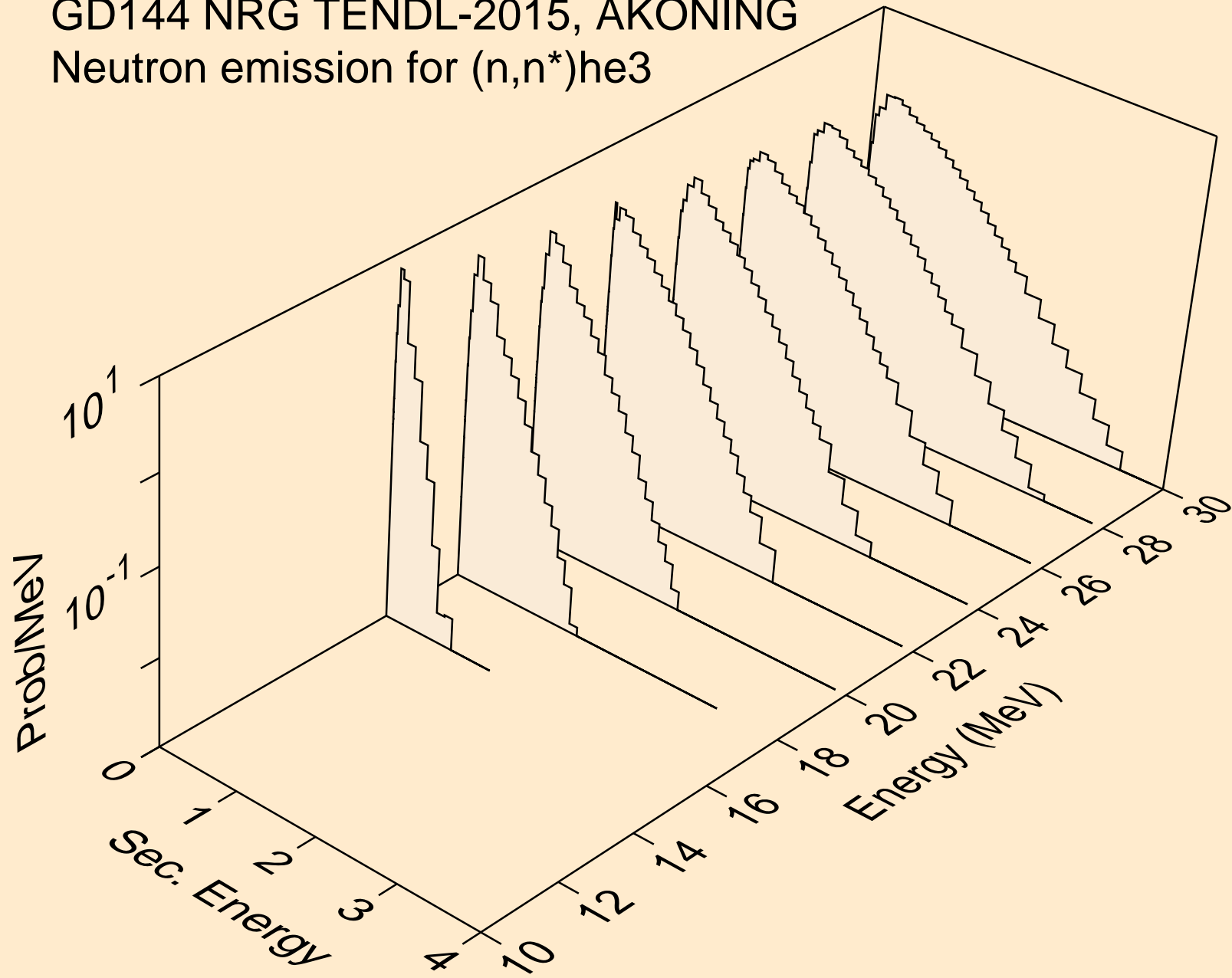
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

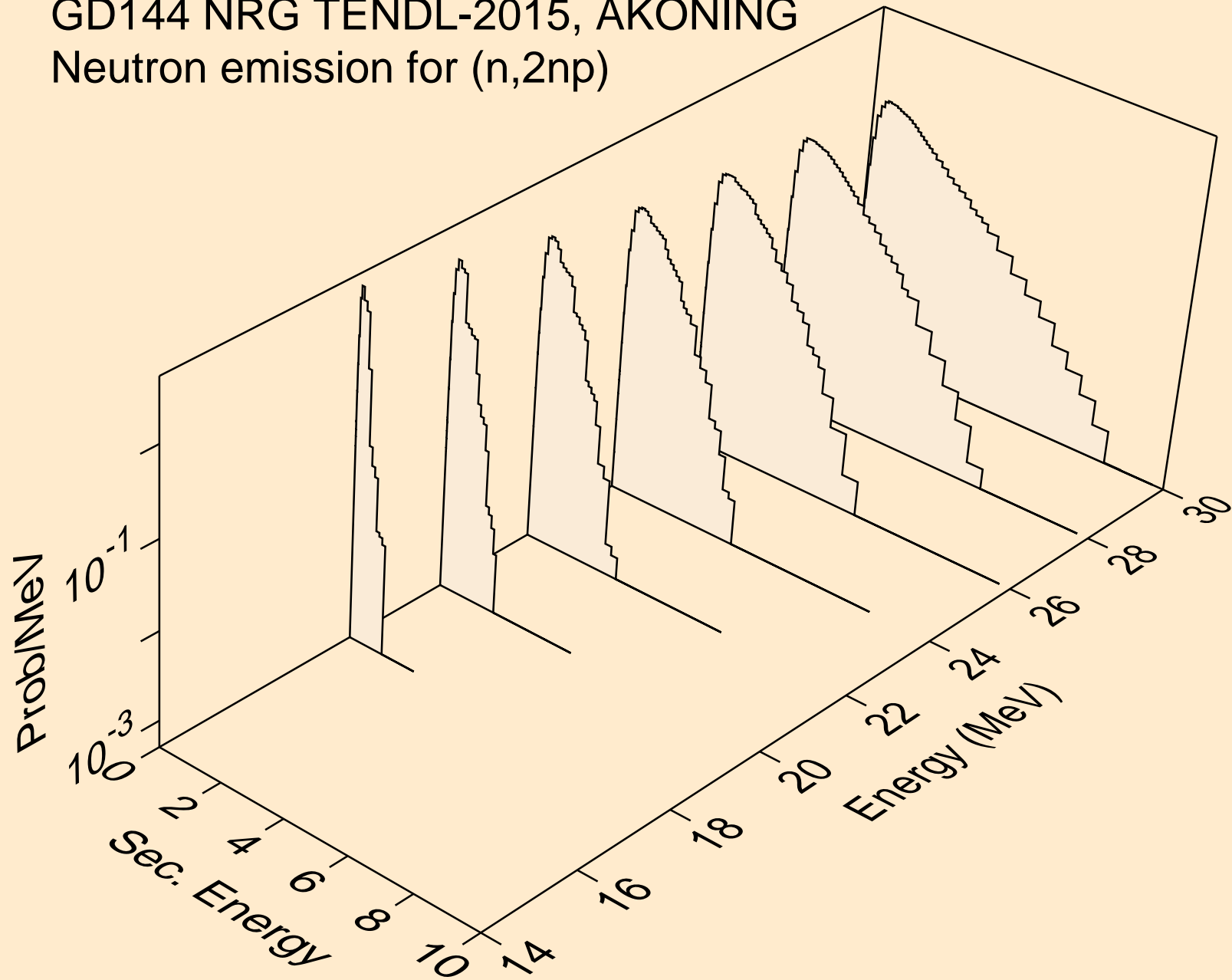


GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

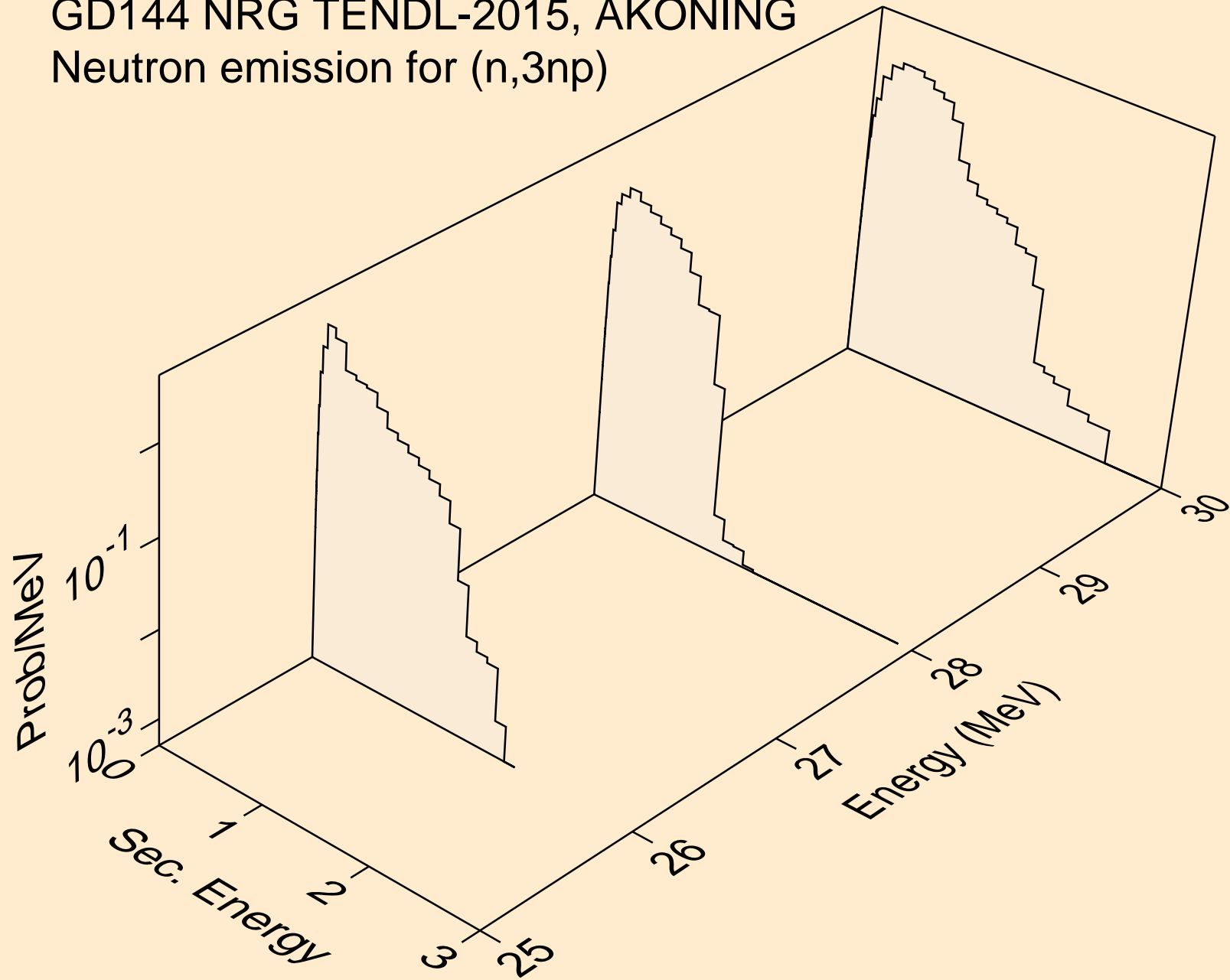




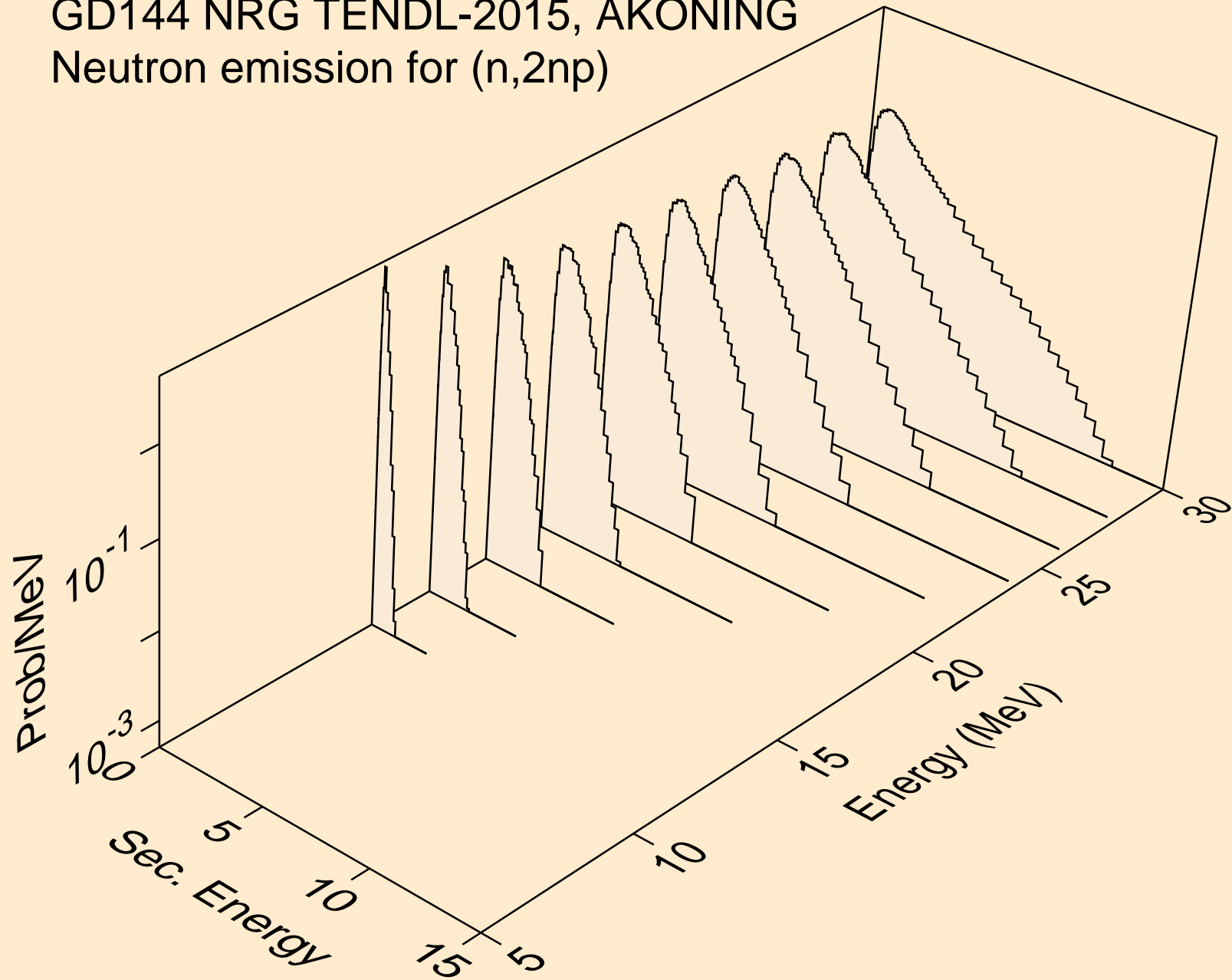
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



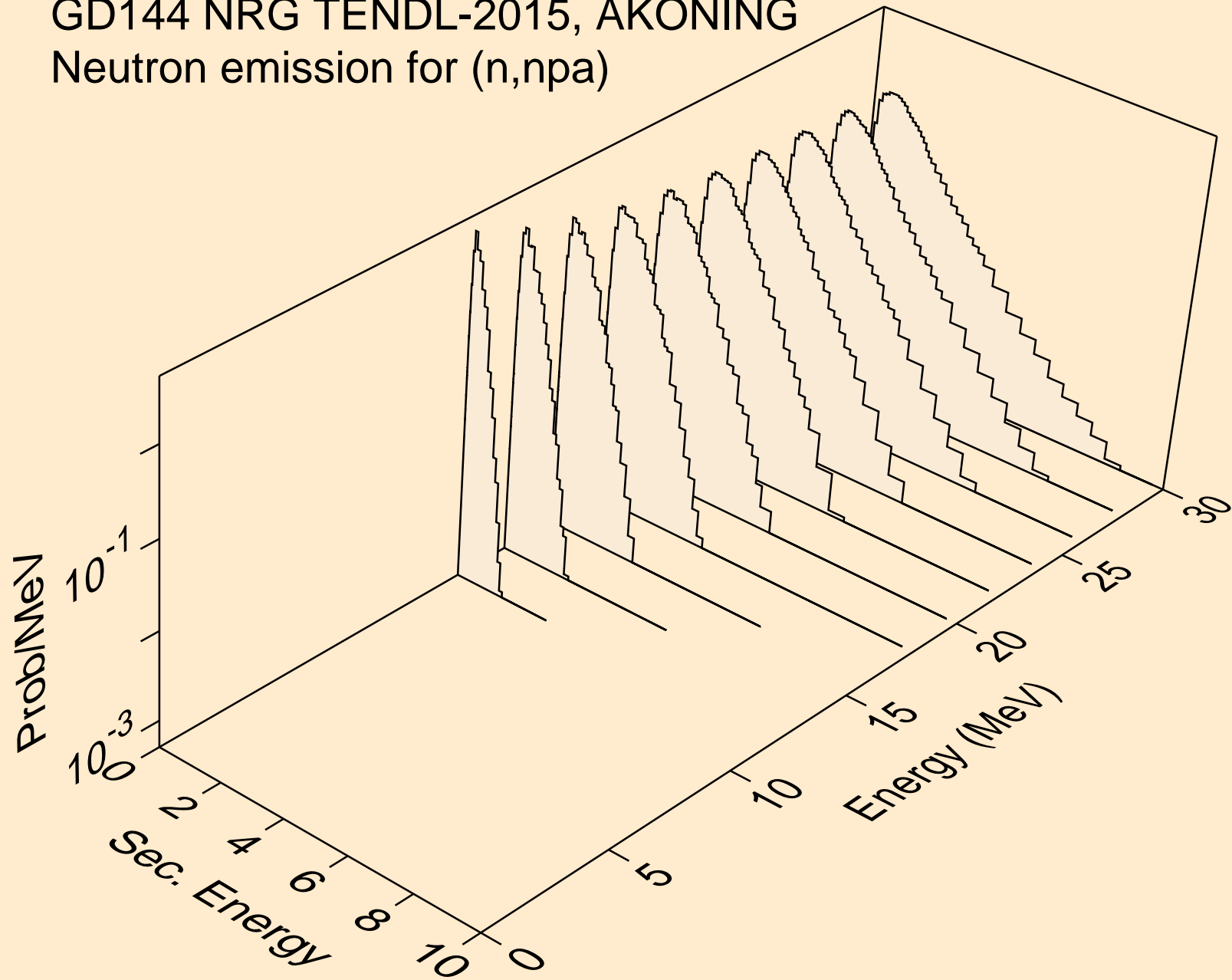
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



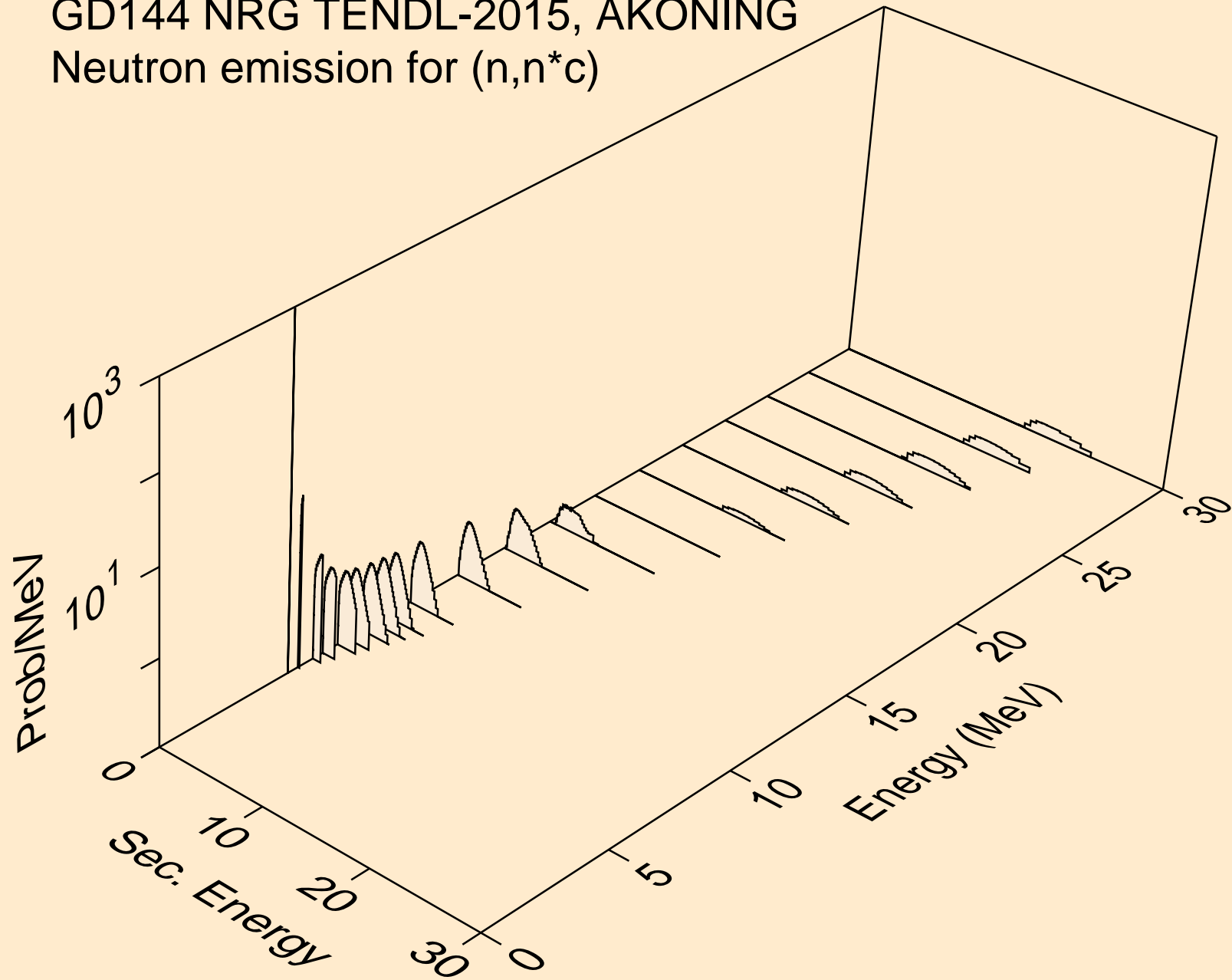
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



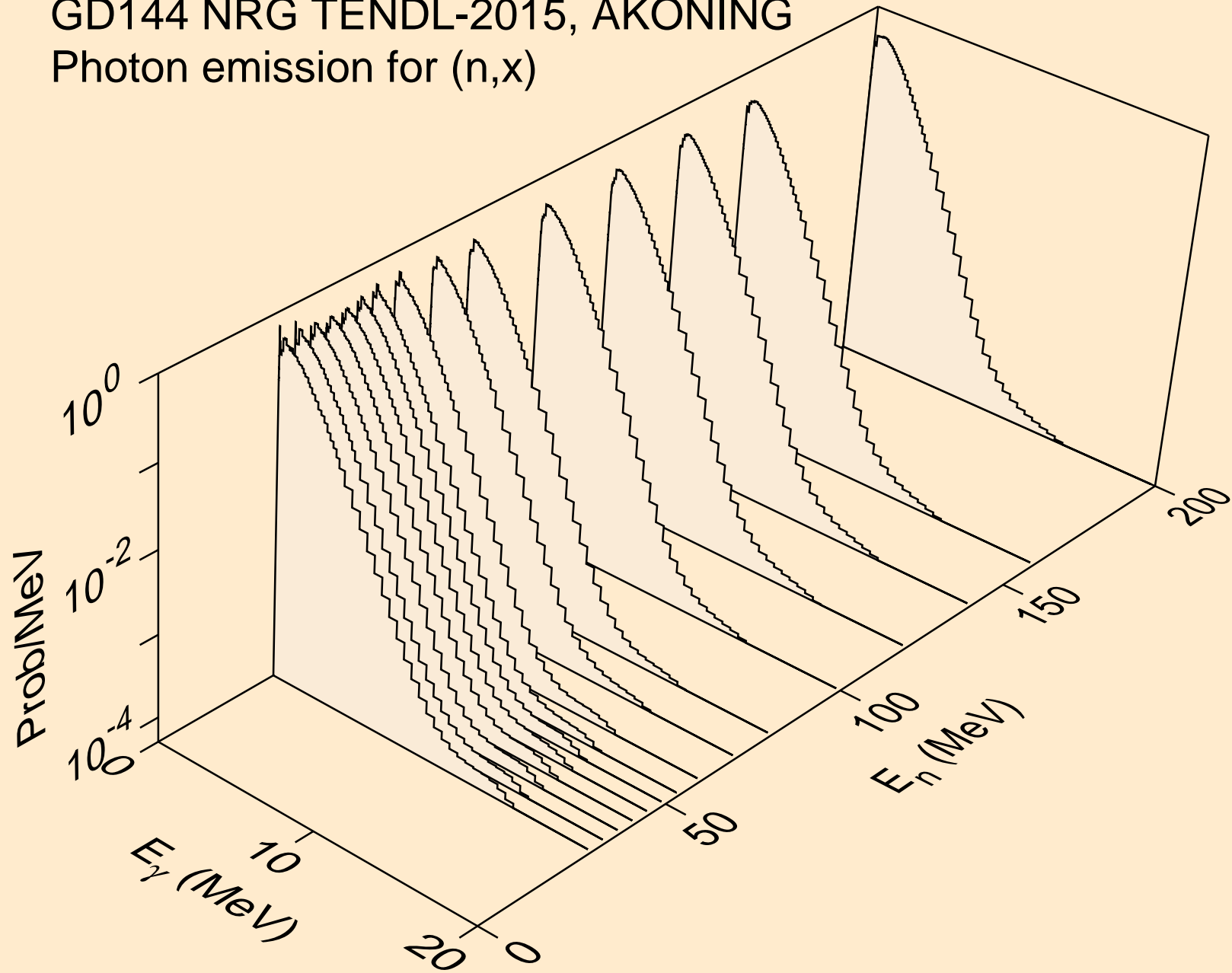
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



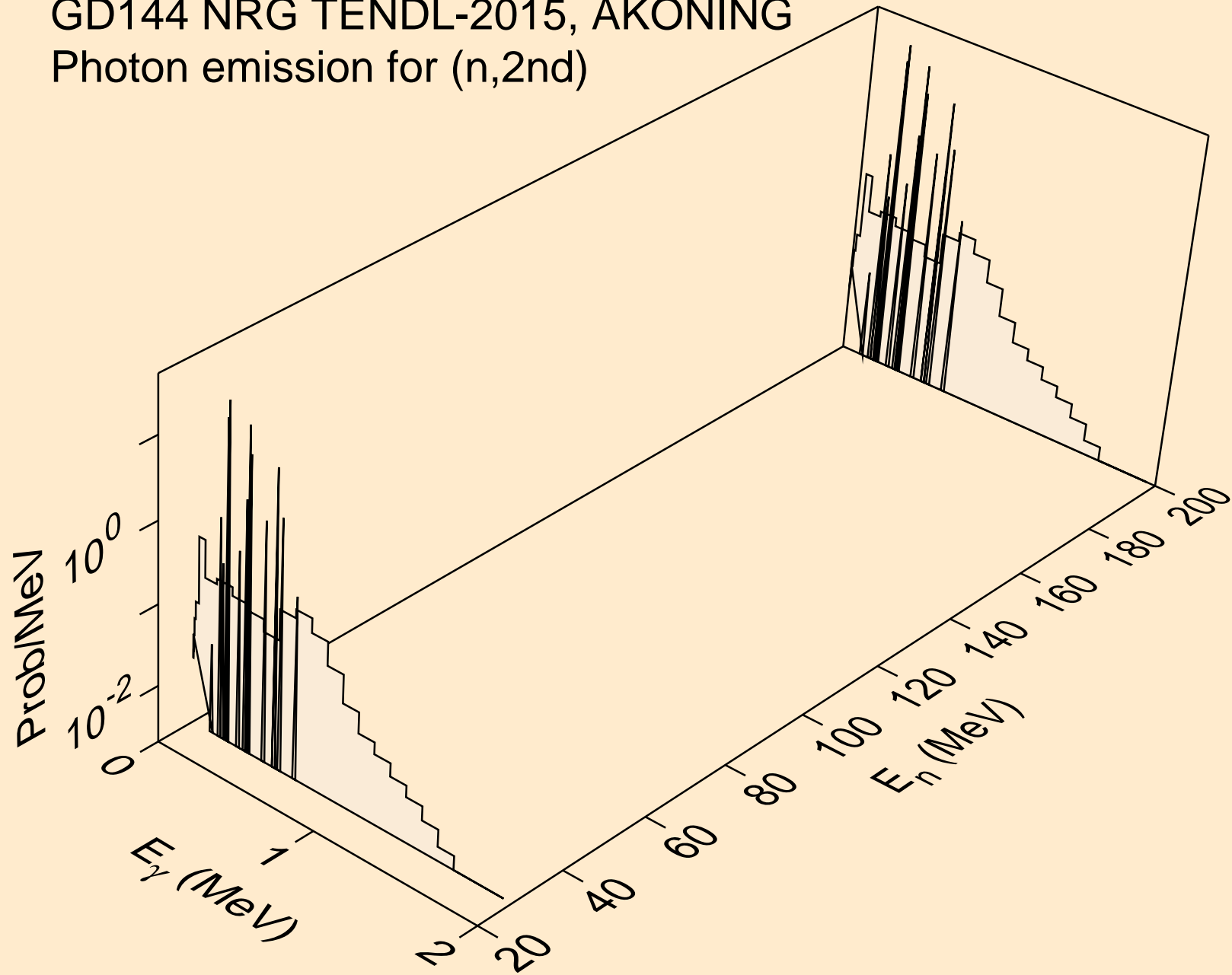
GD144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



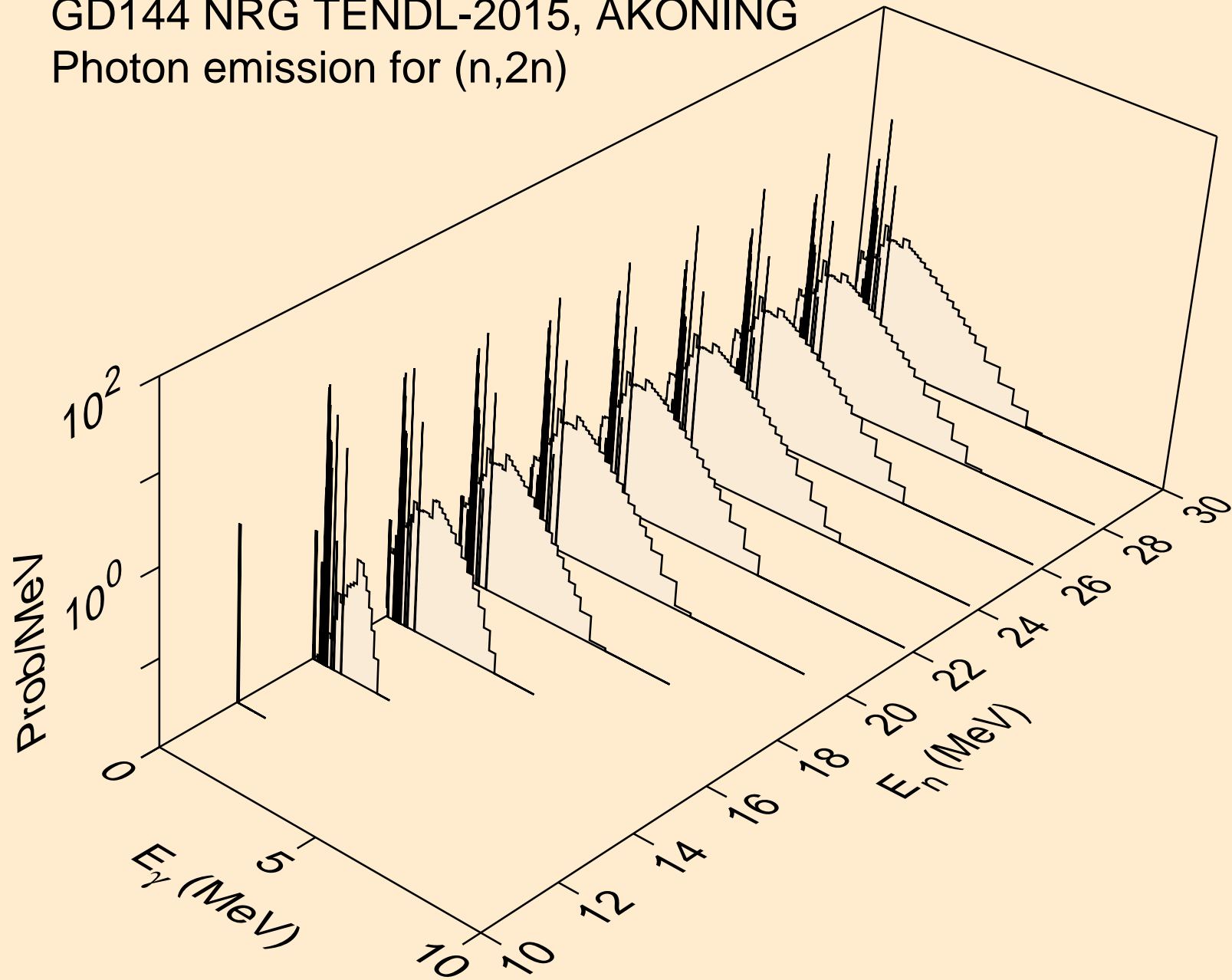
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

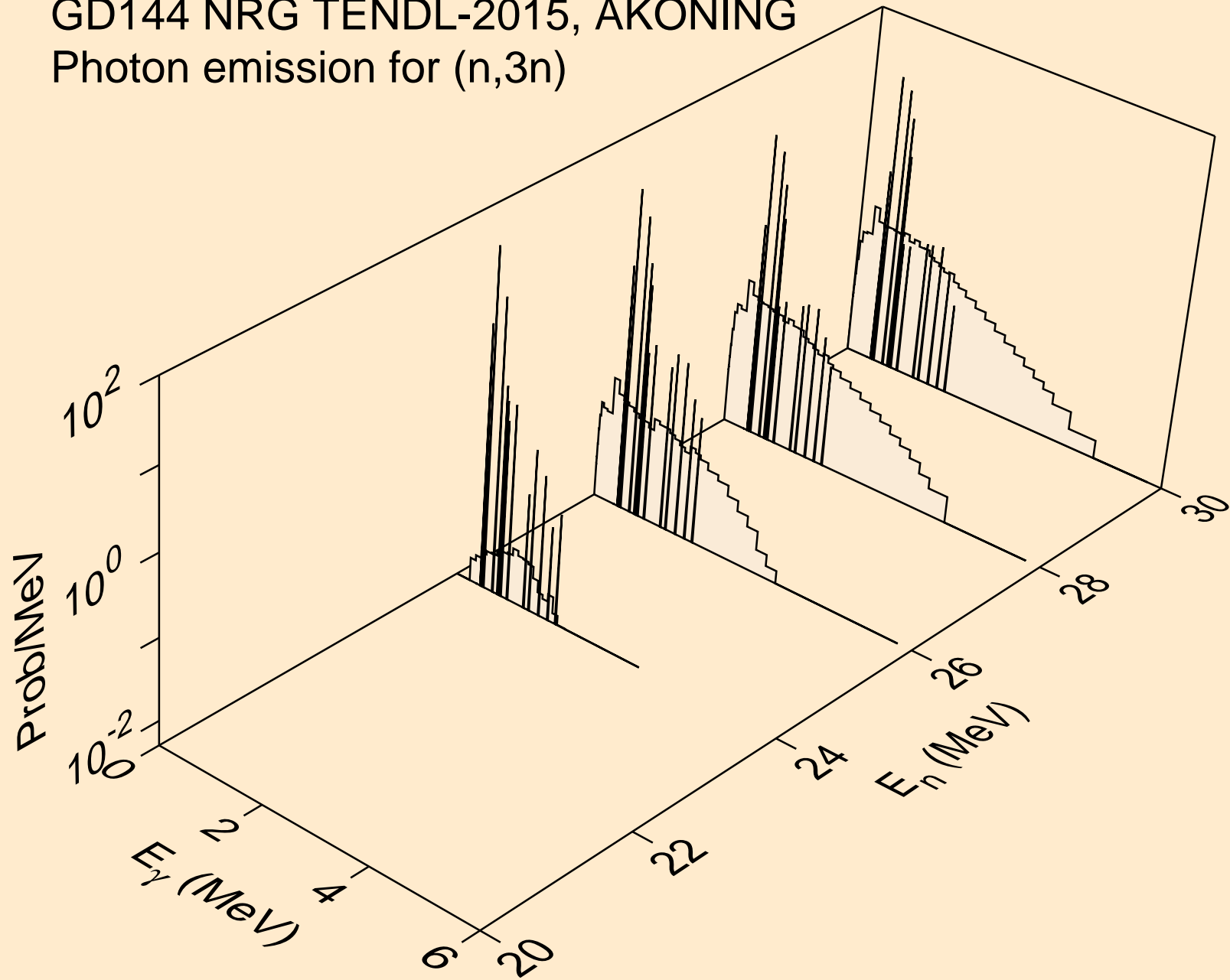


GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

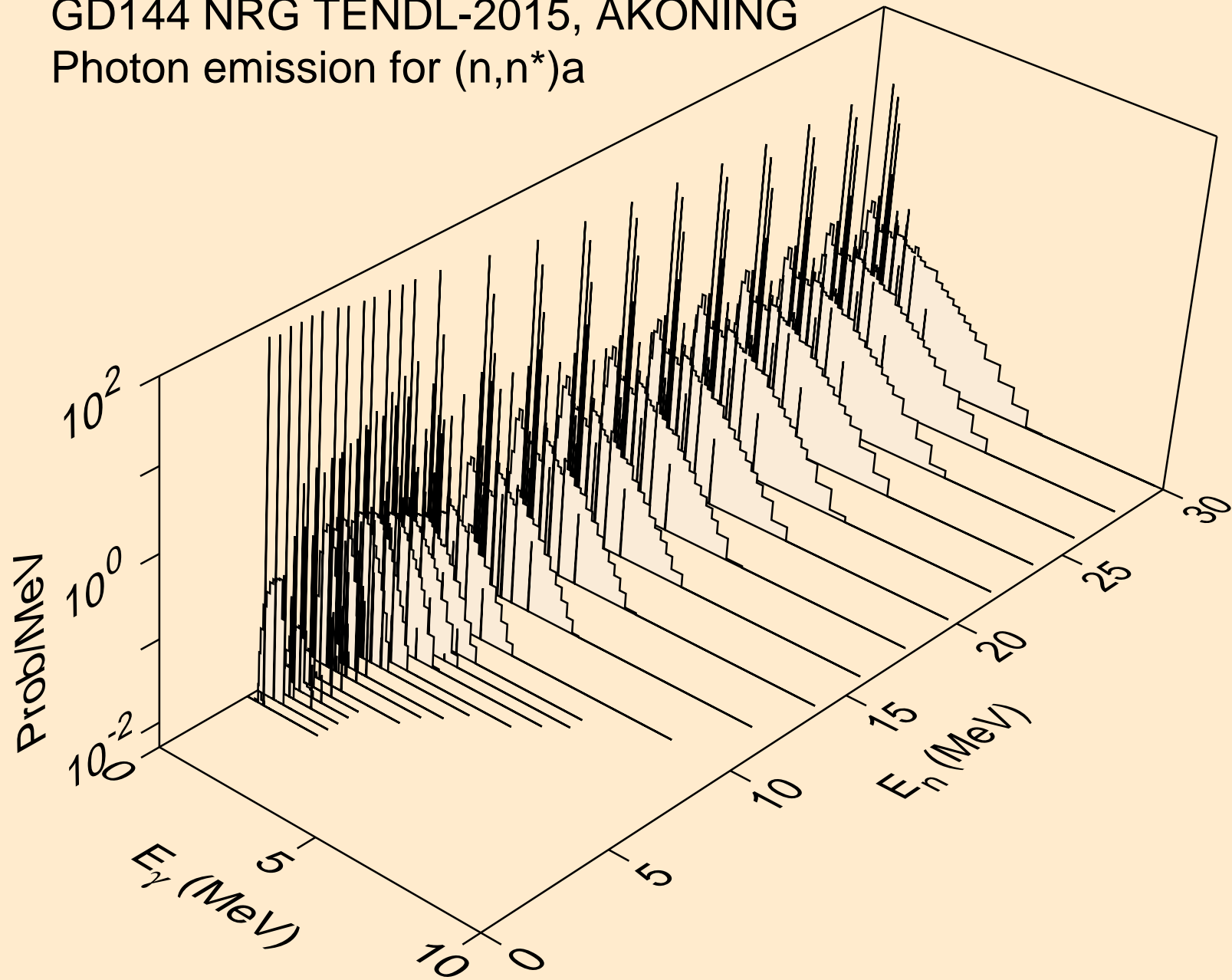




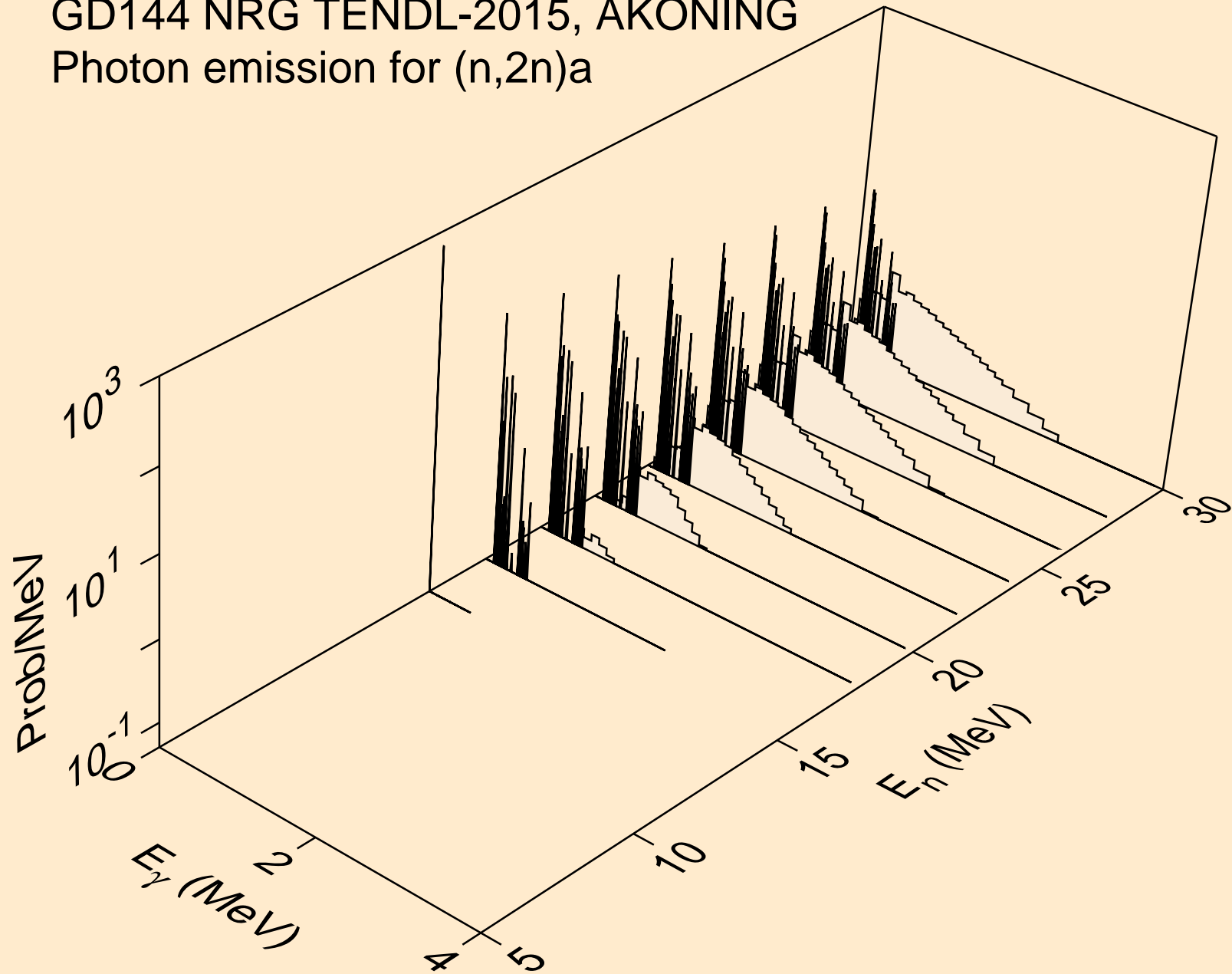
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



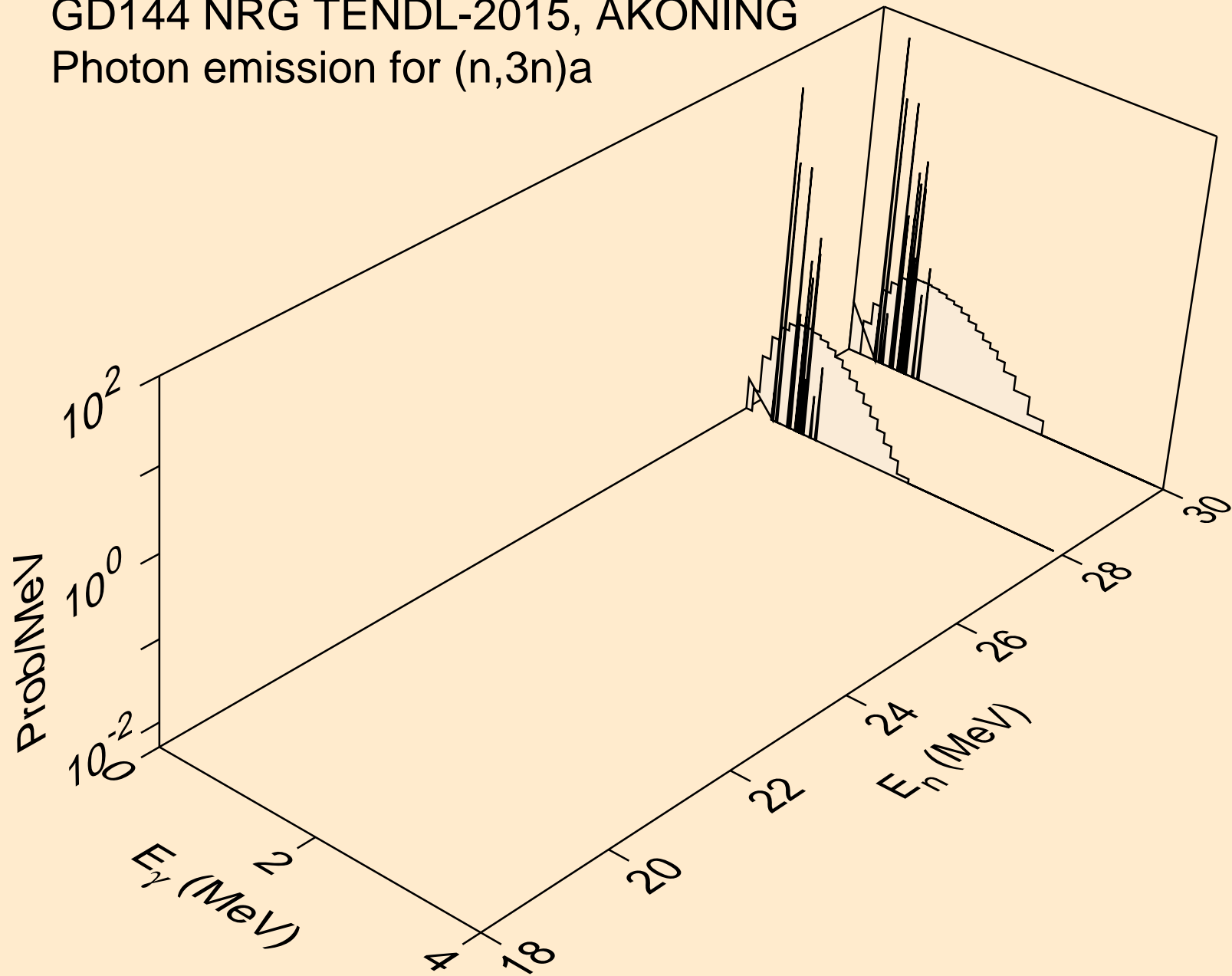
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



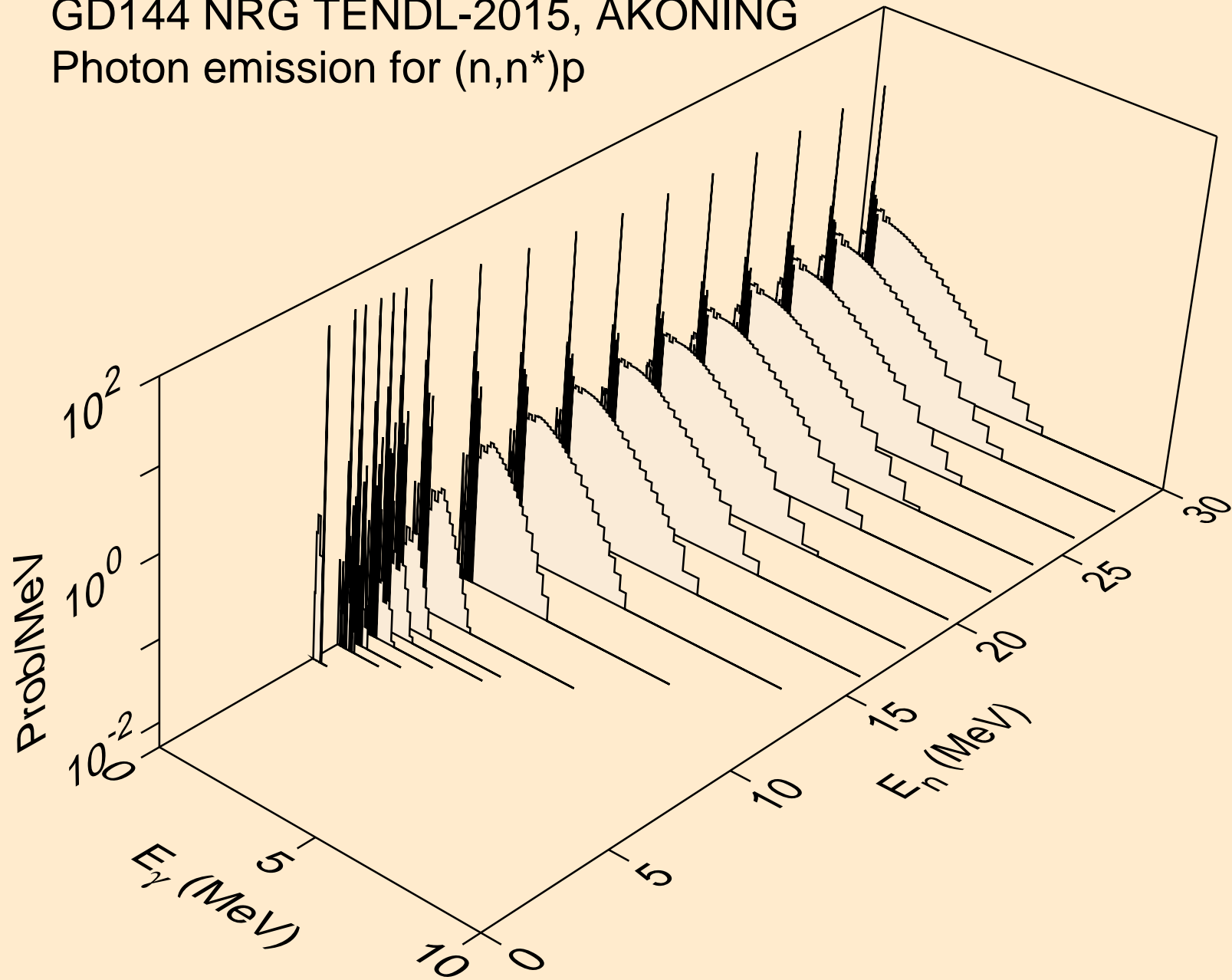
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



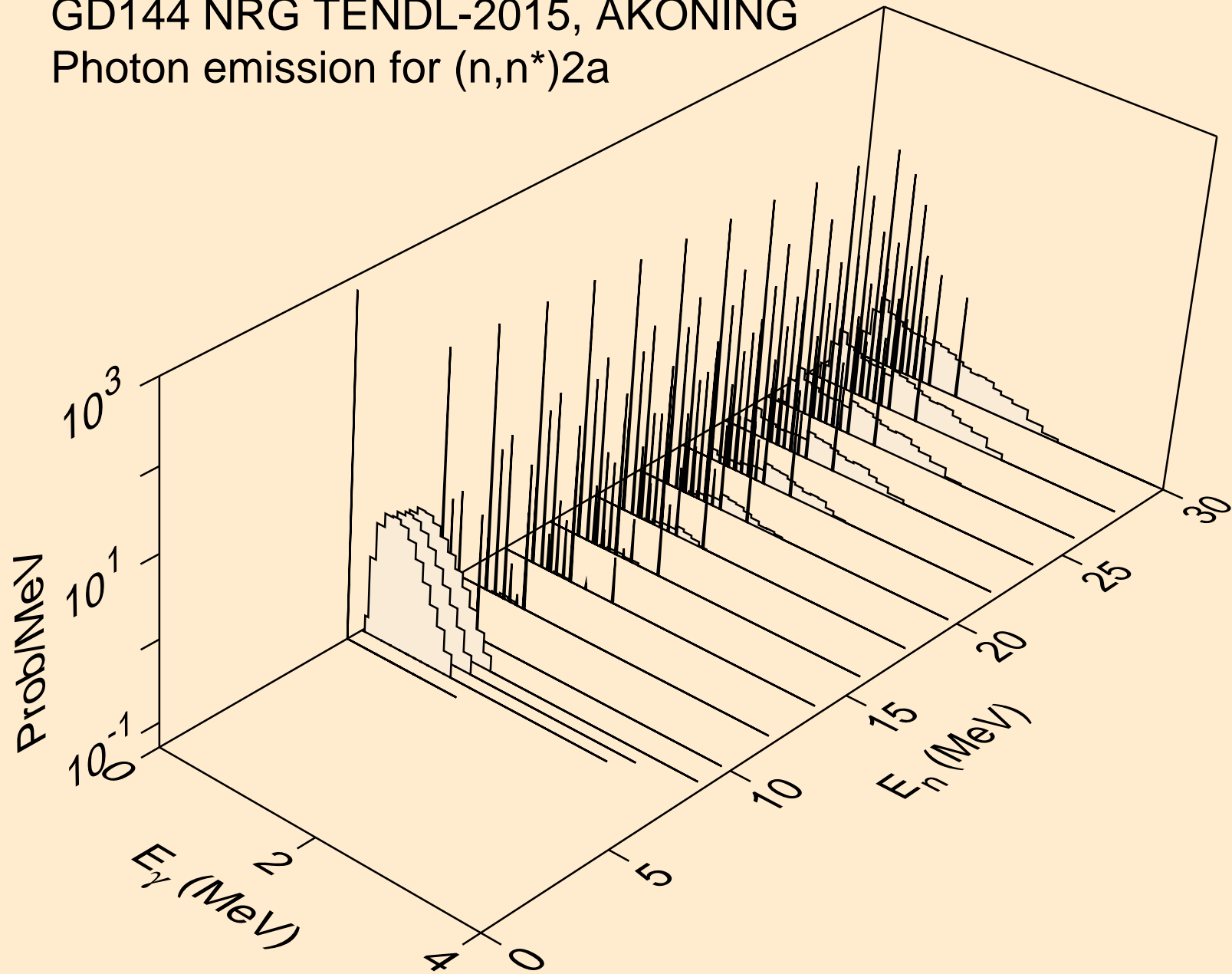
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



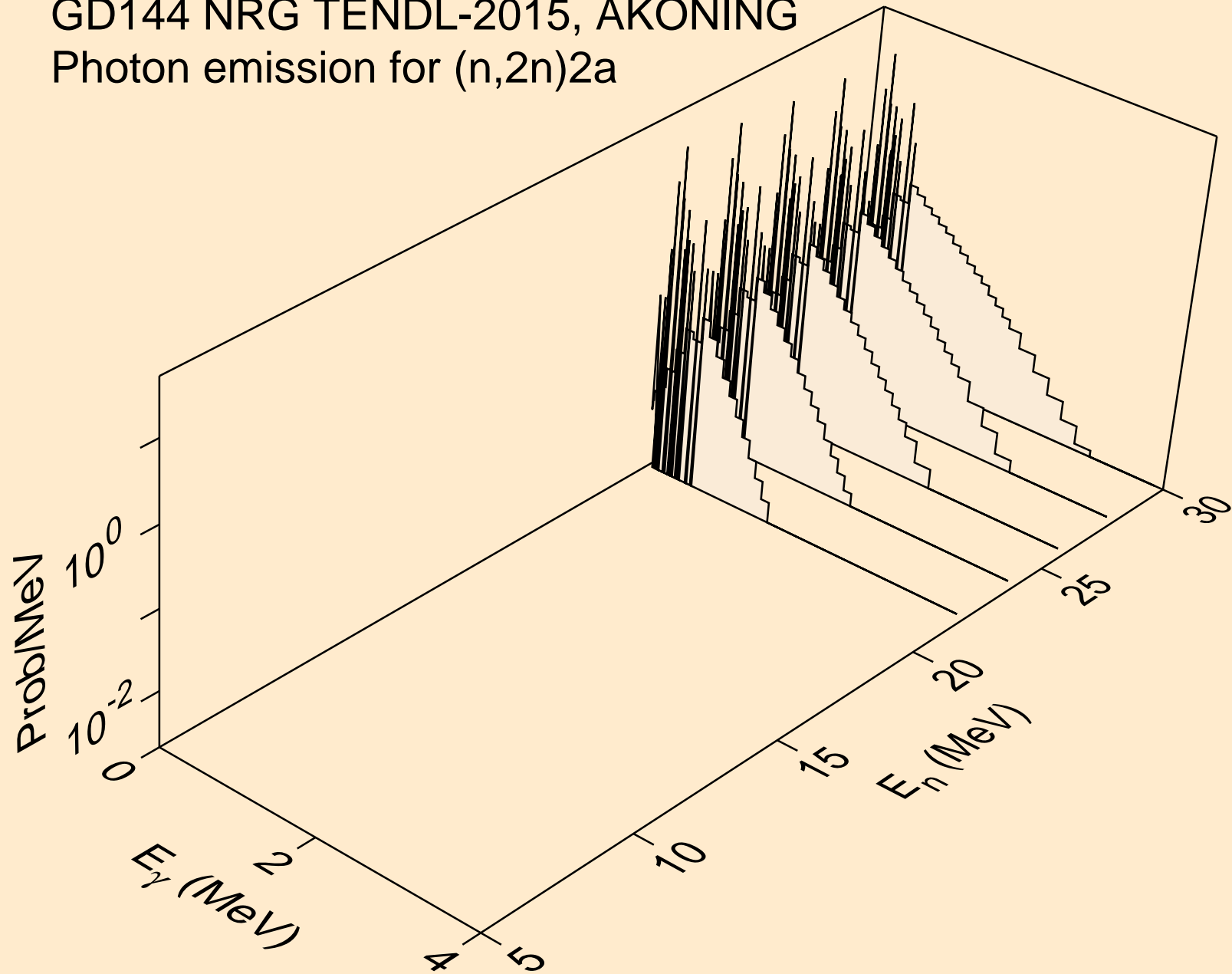
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



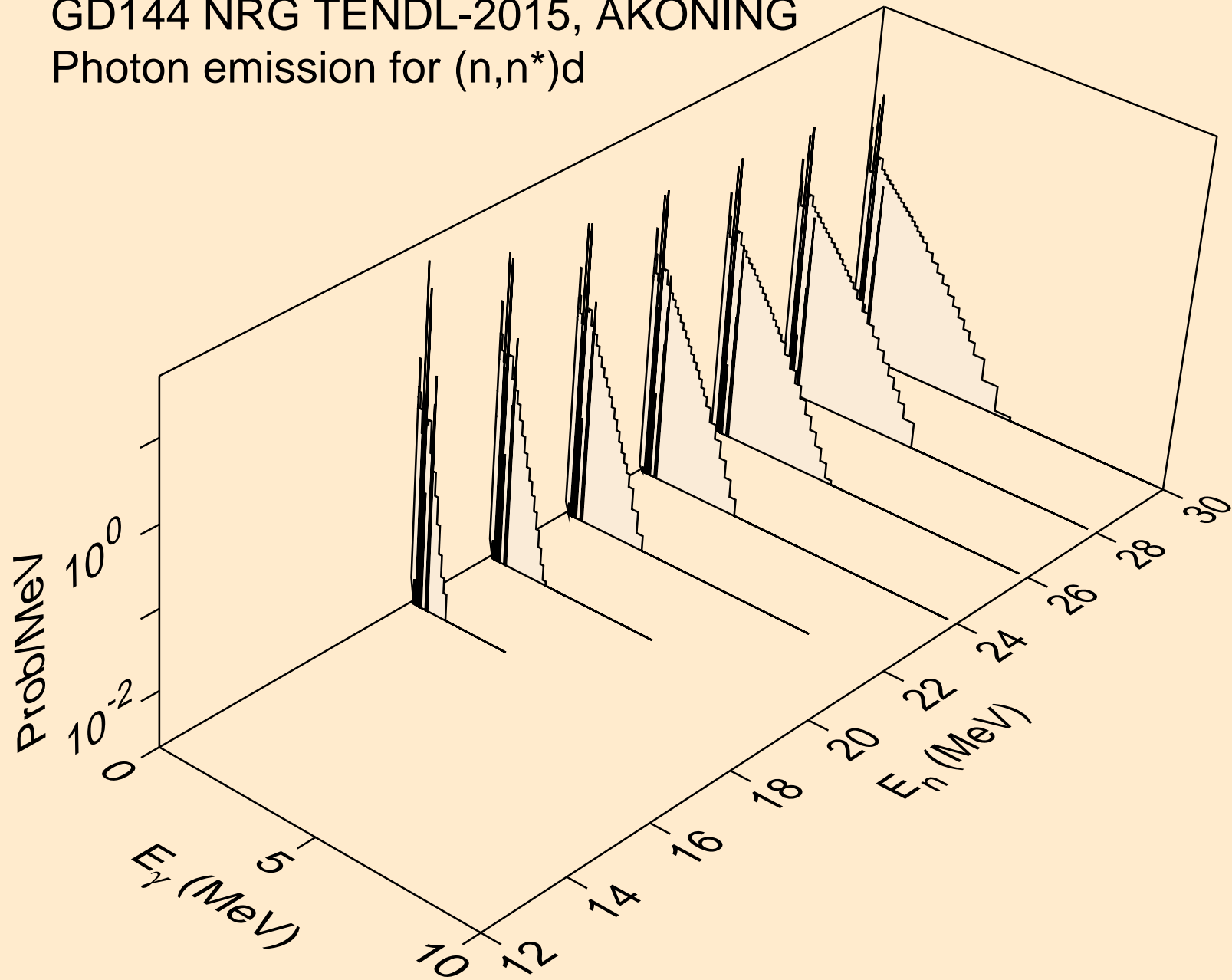
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

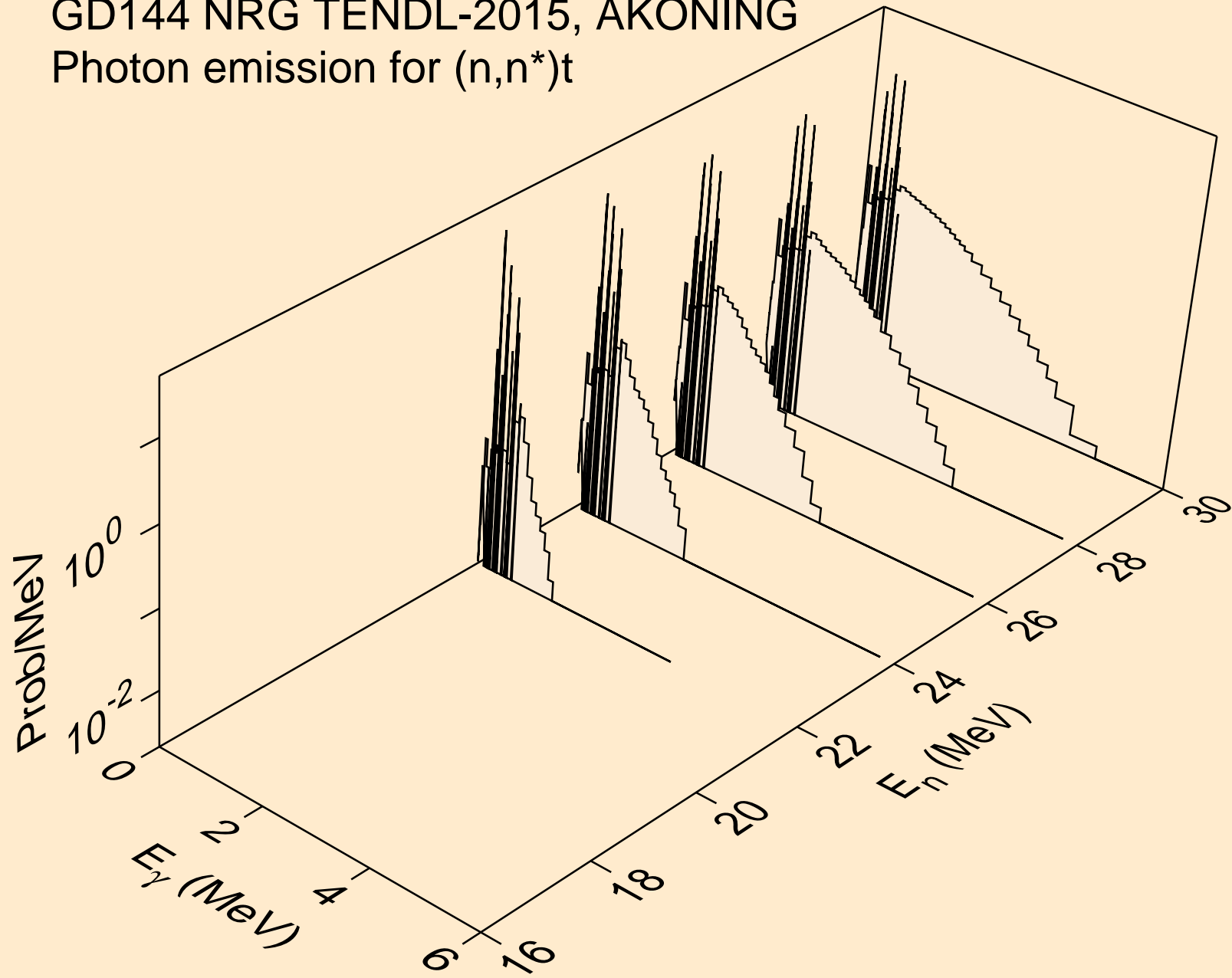


GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

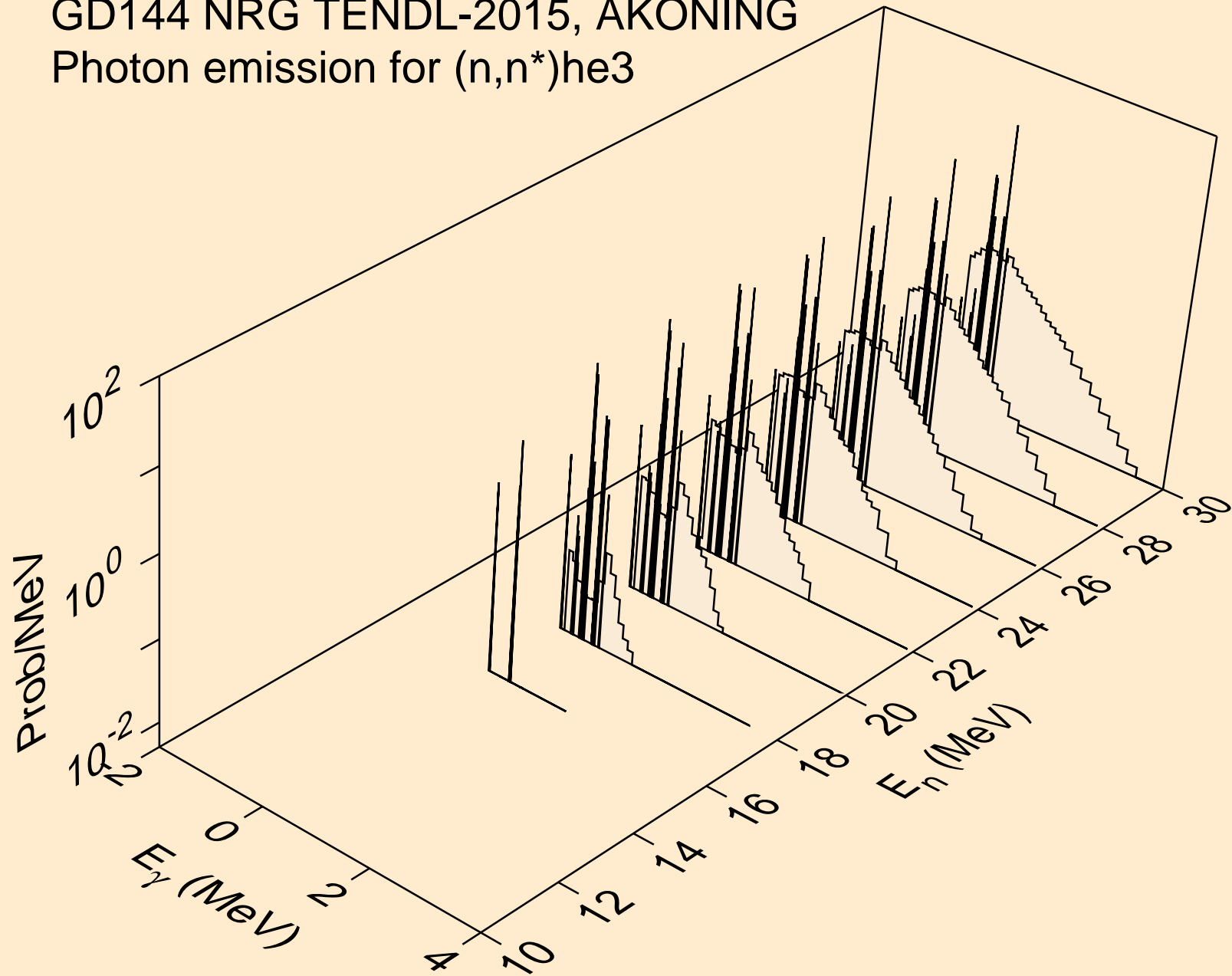




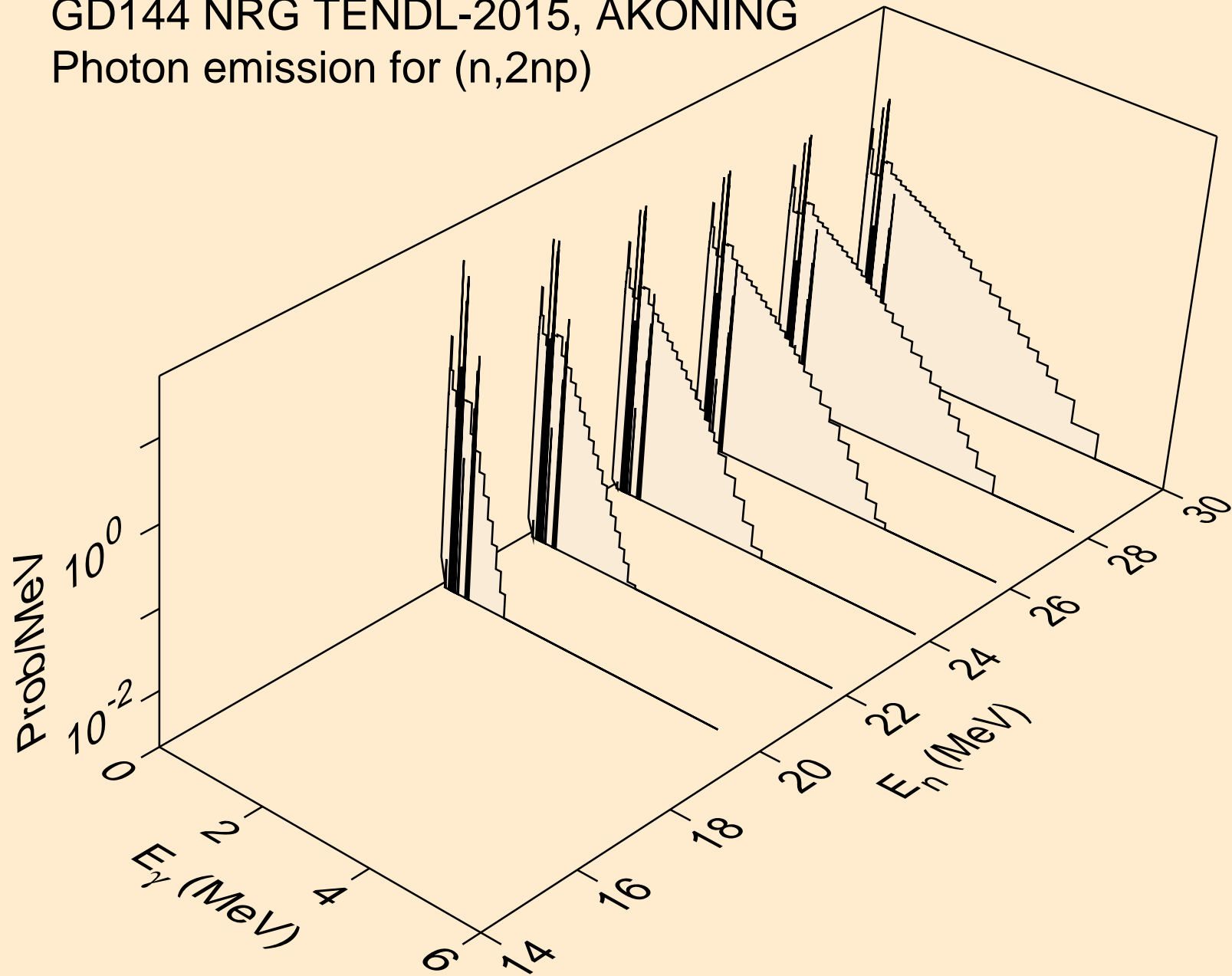
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



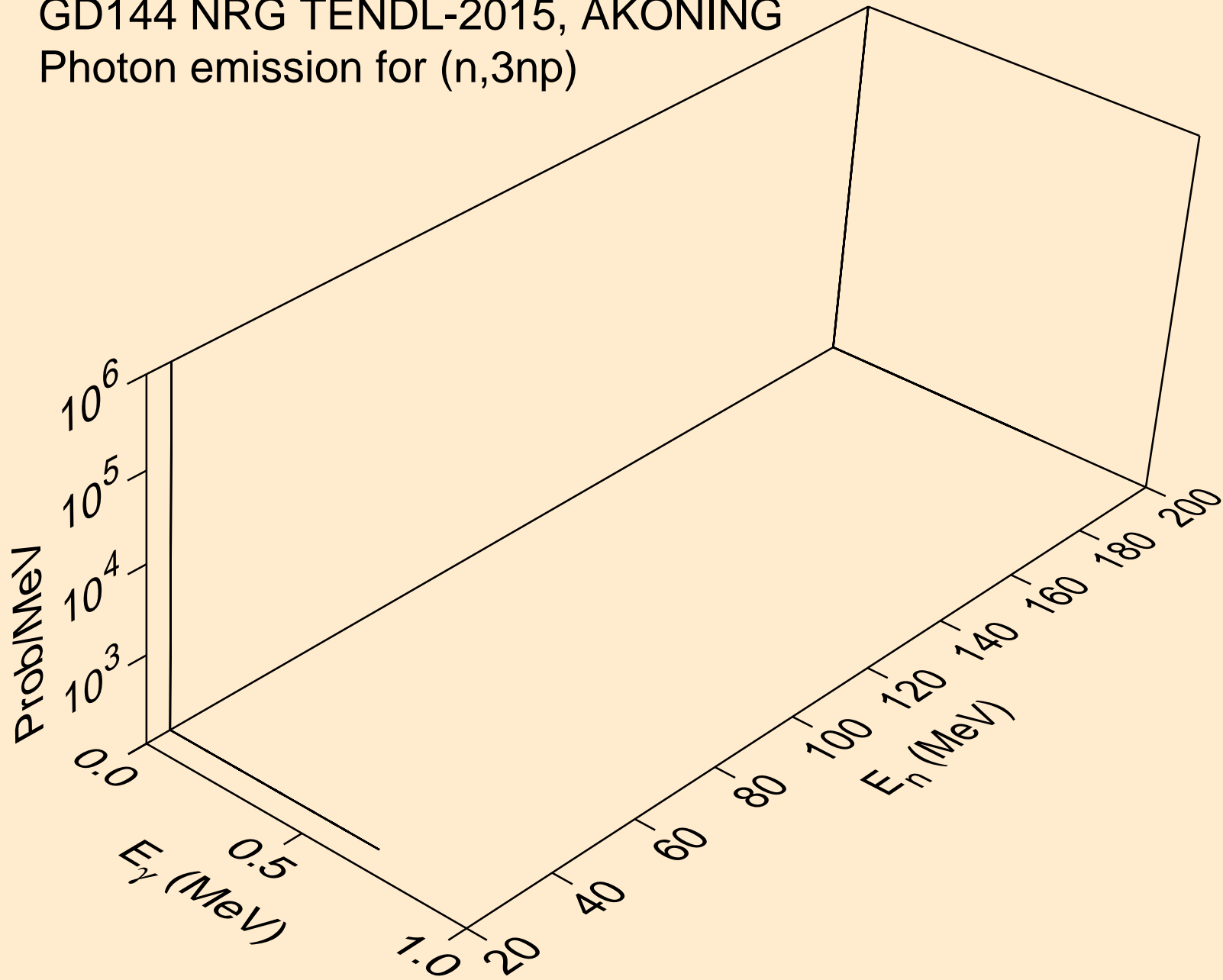
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



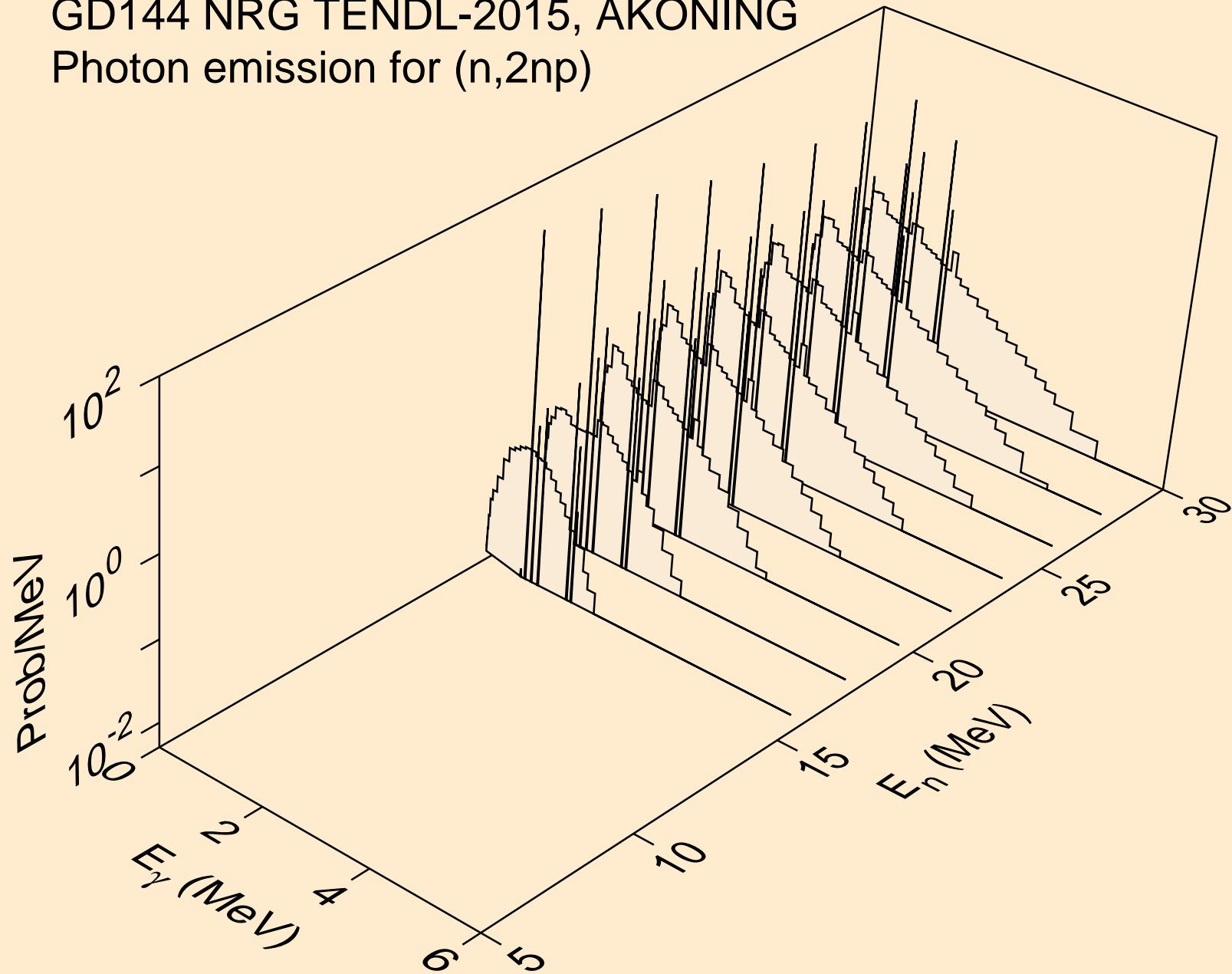
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



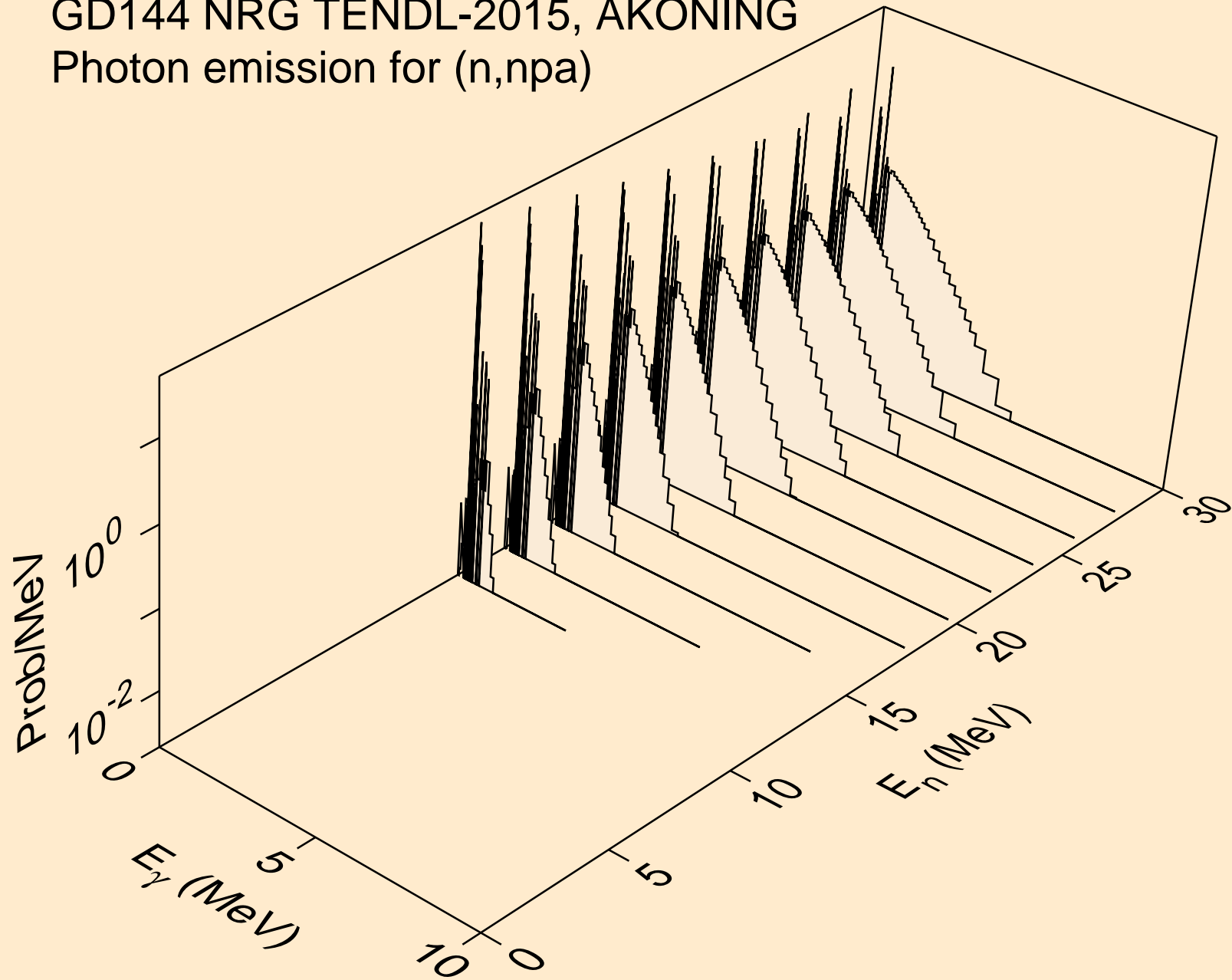
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



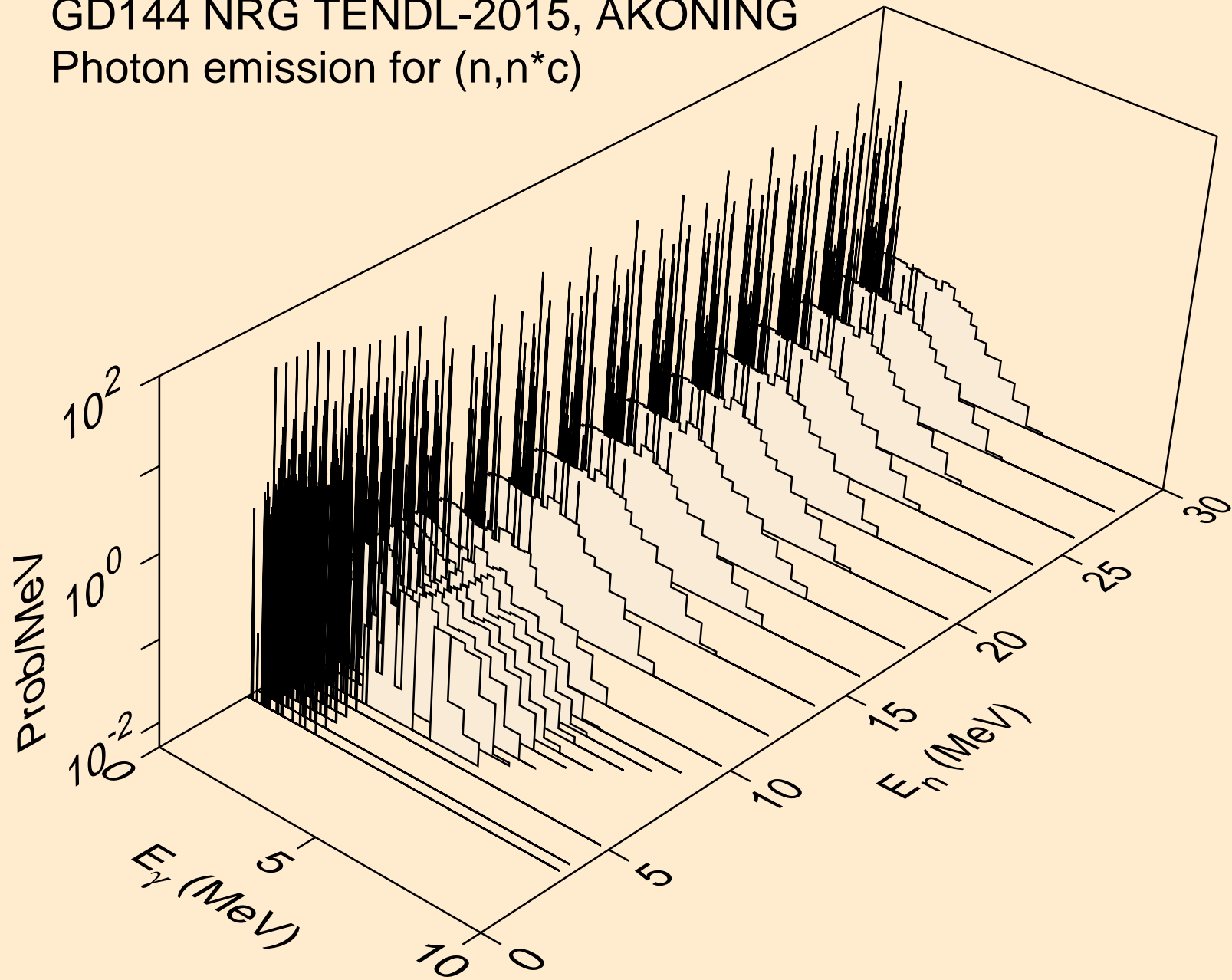
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



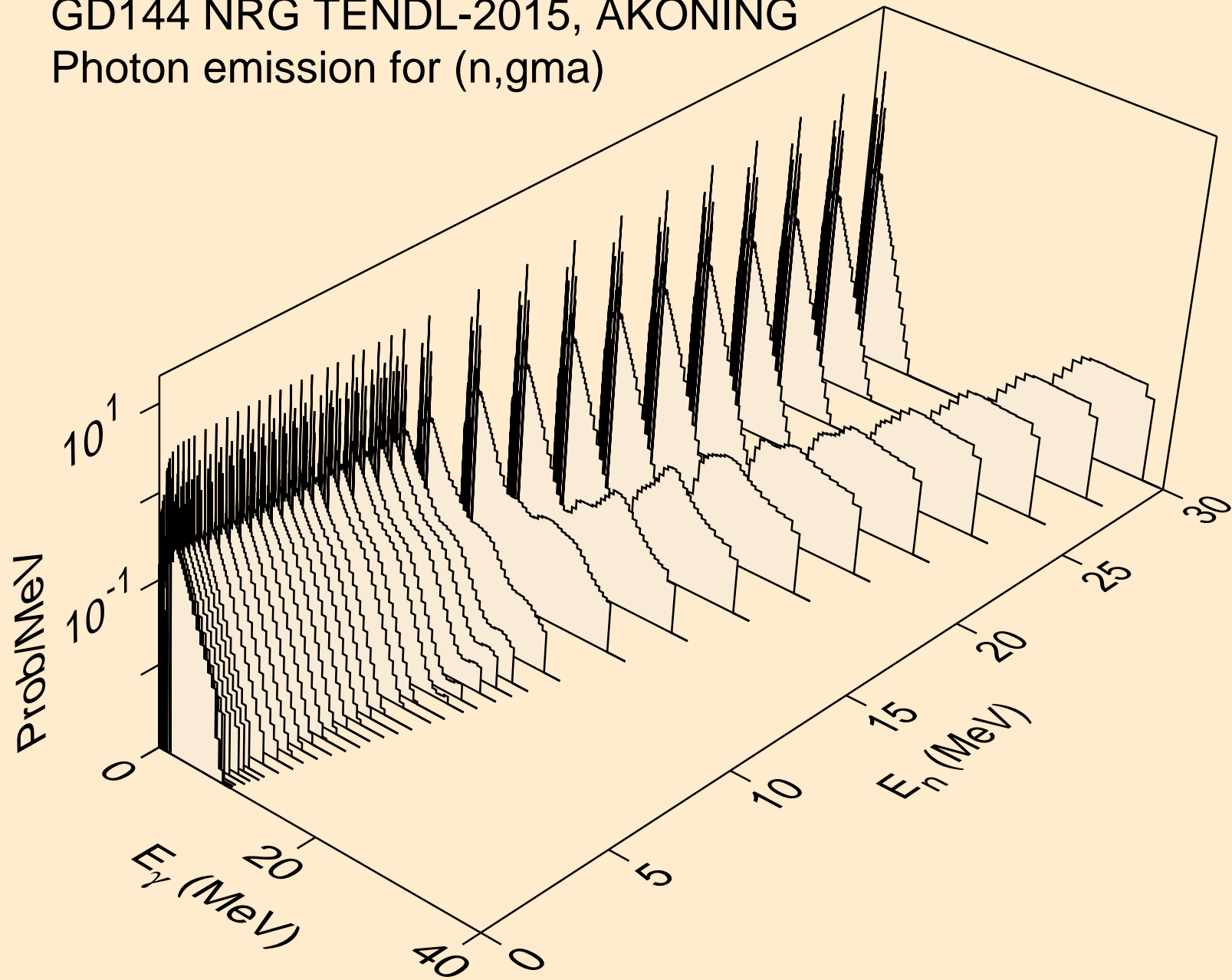
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

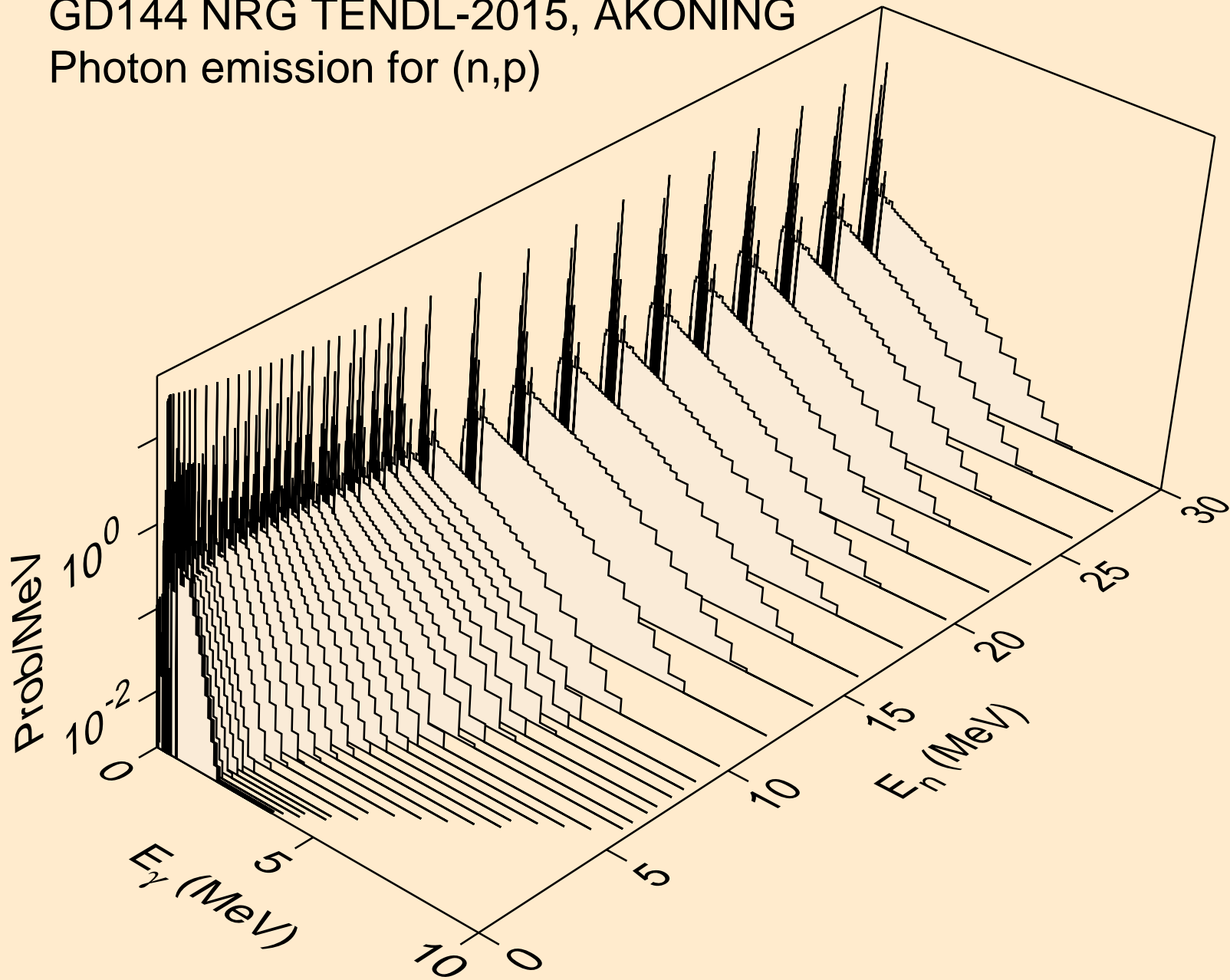


GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

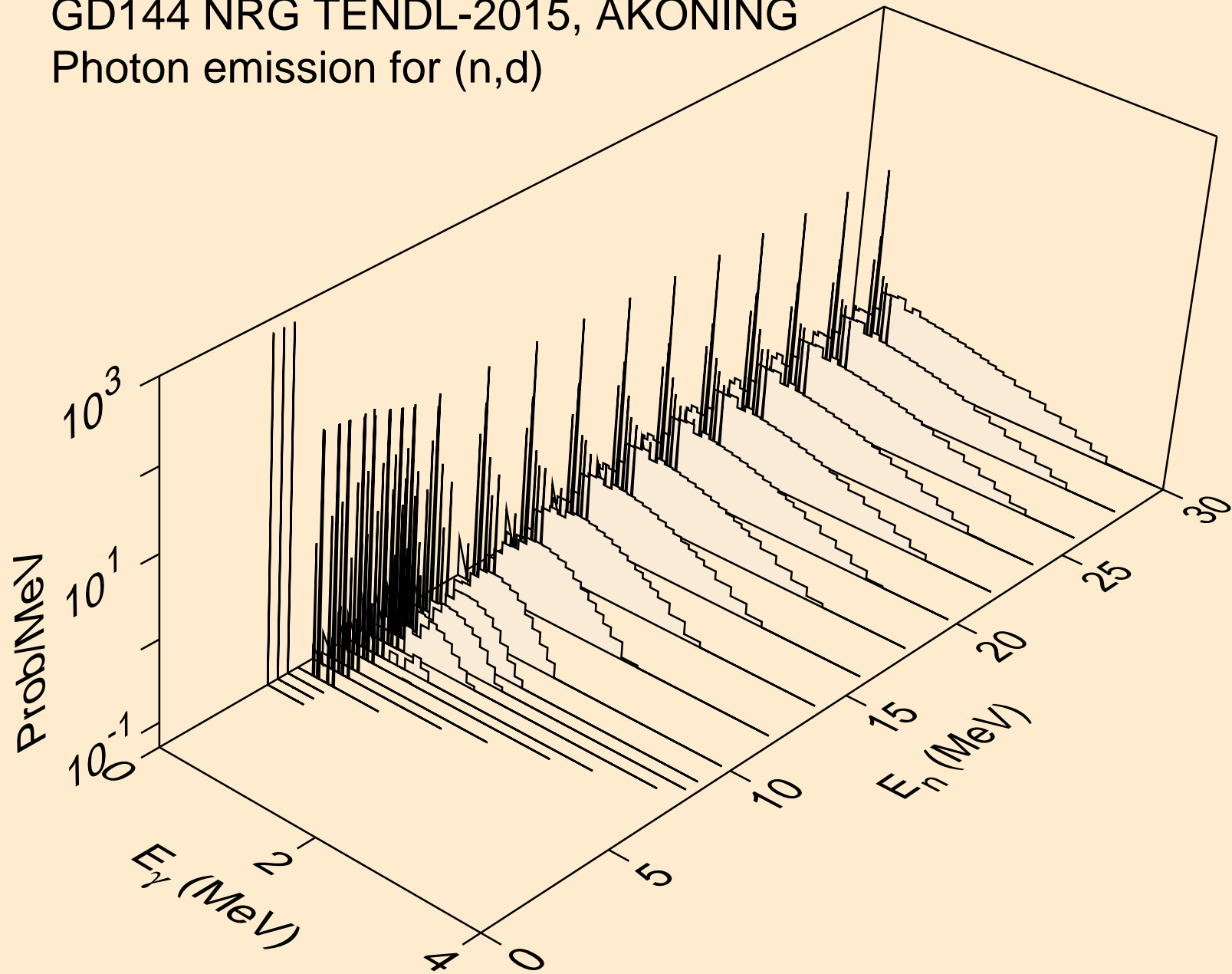




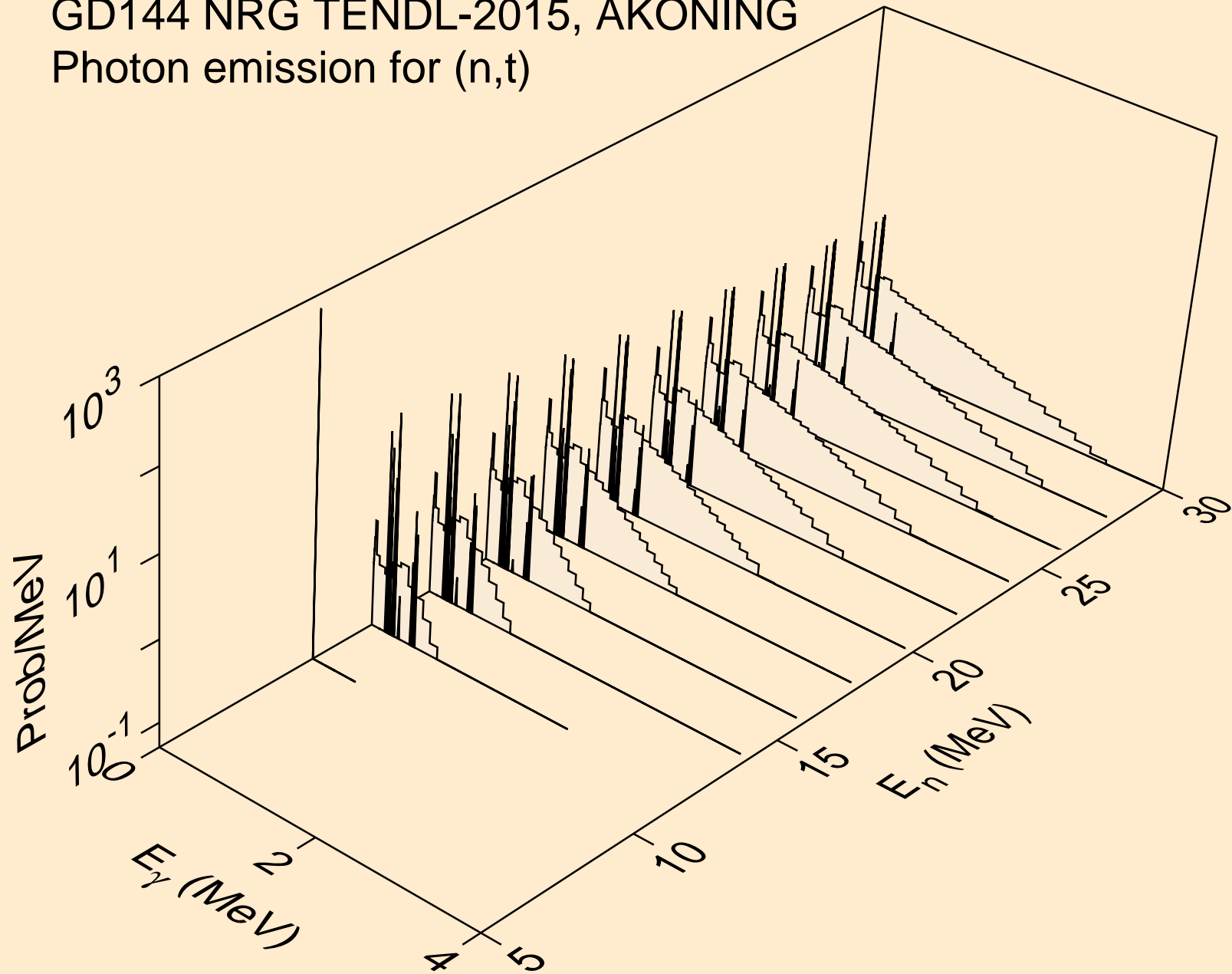
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



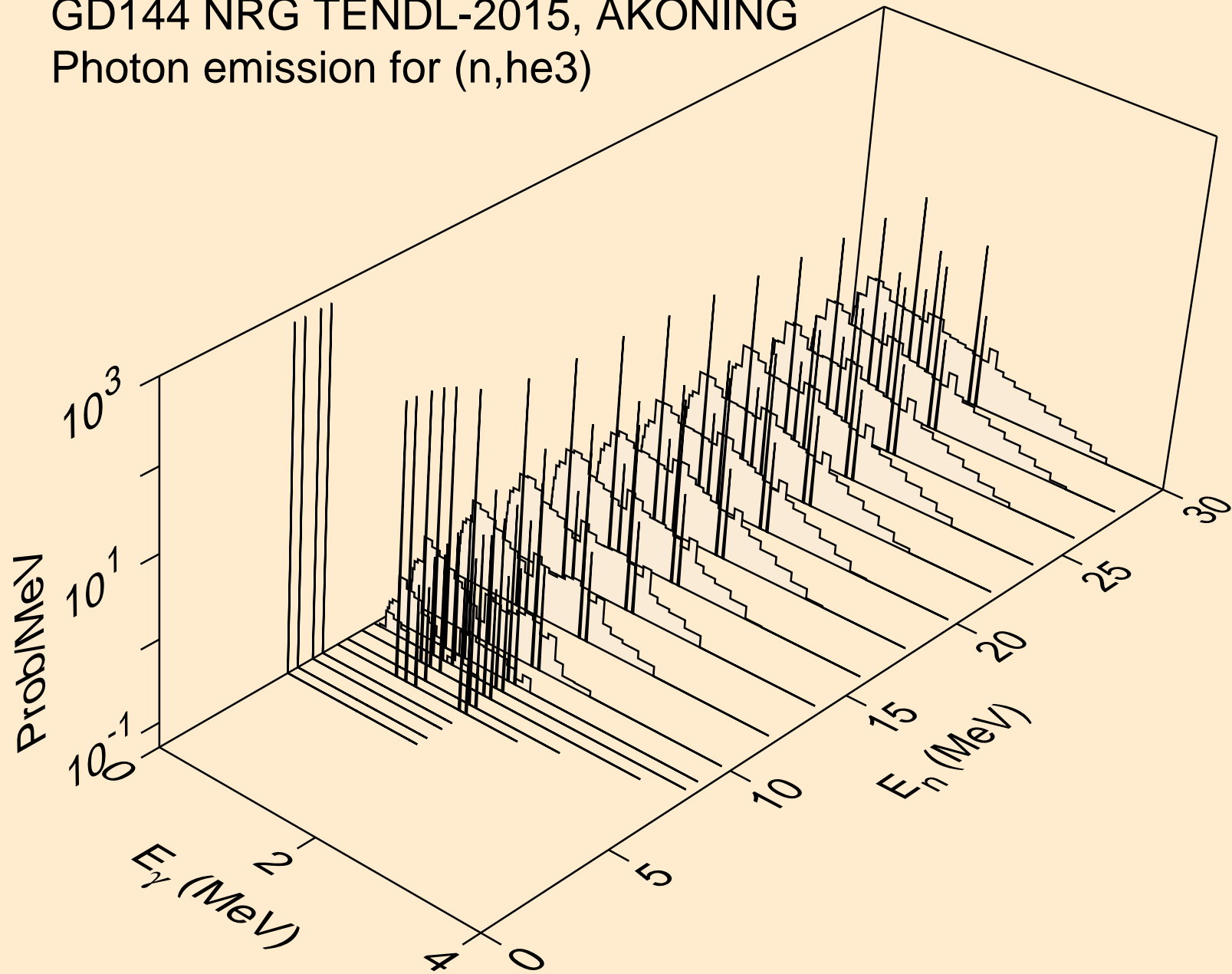
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



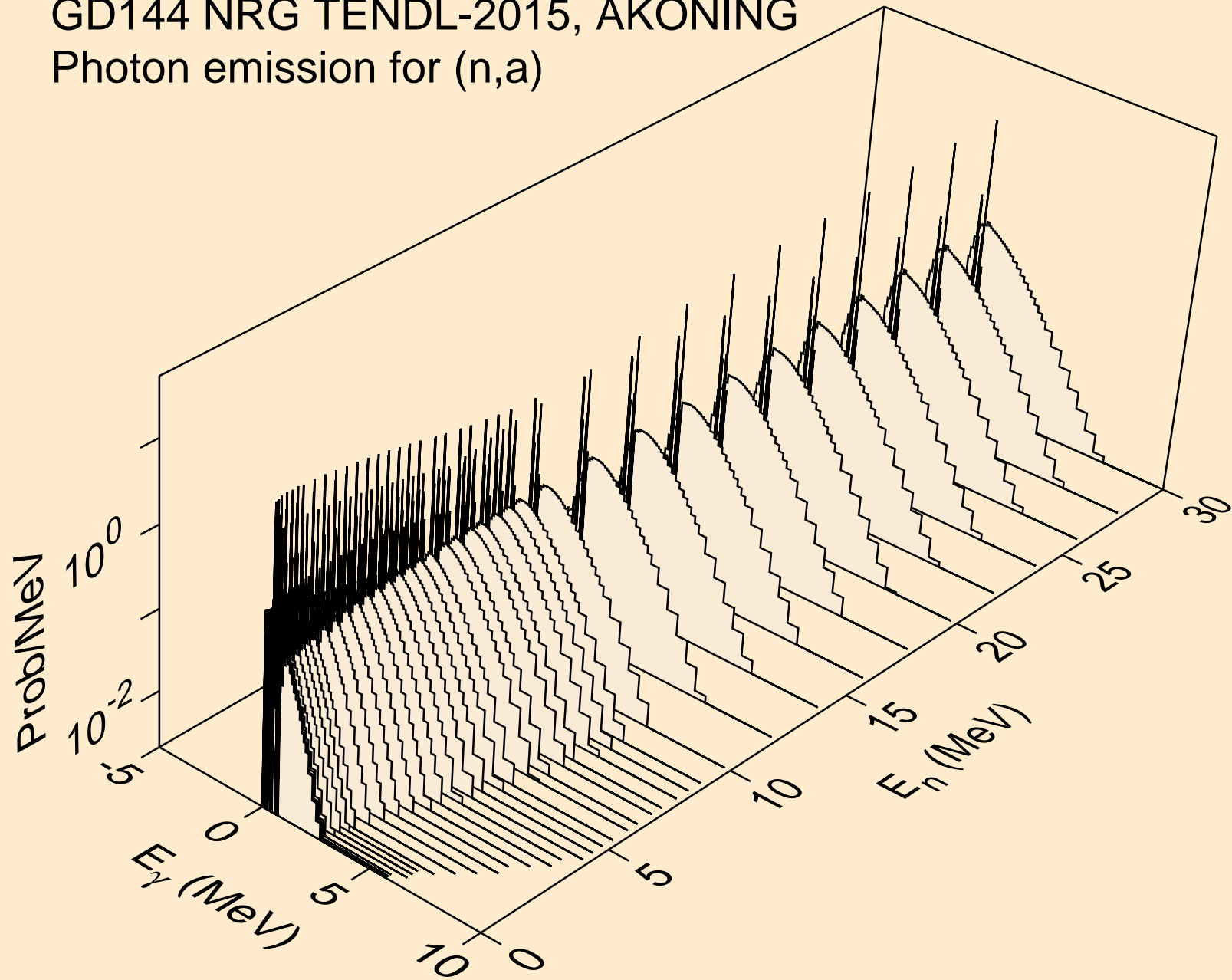
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



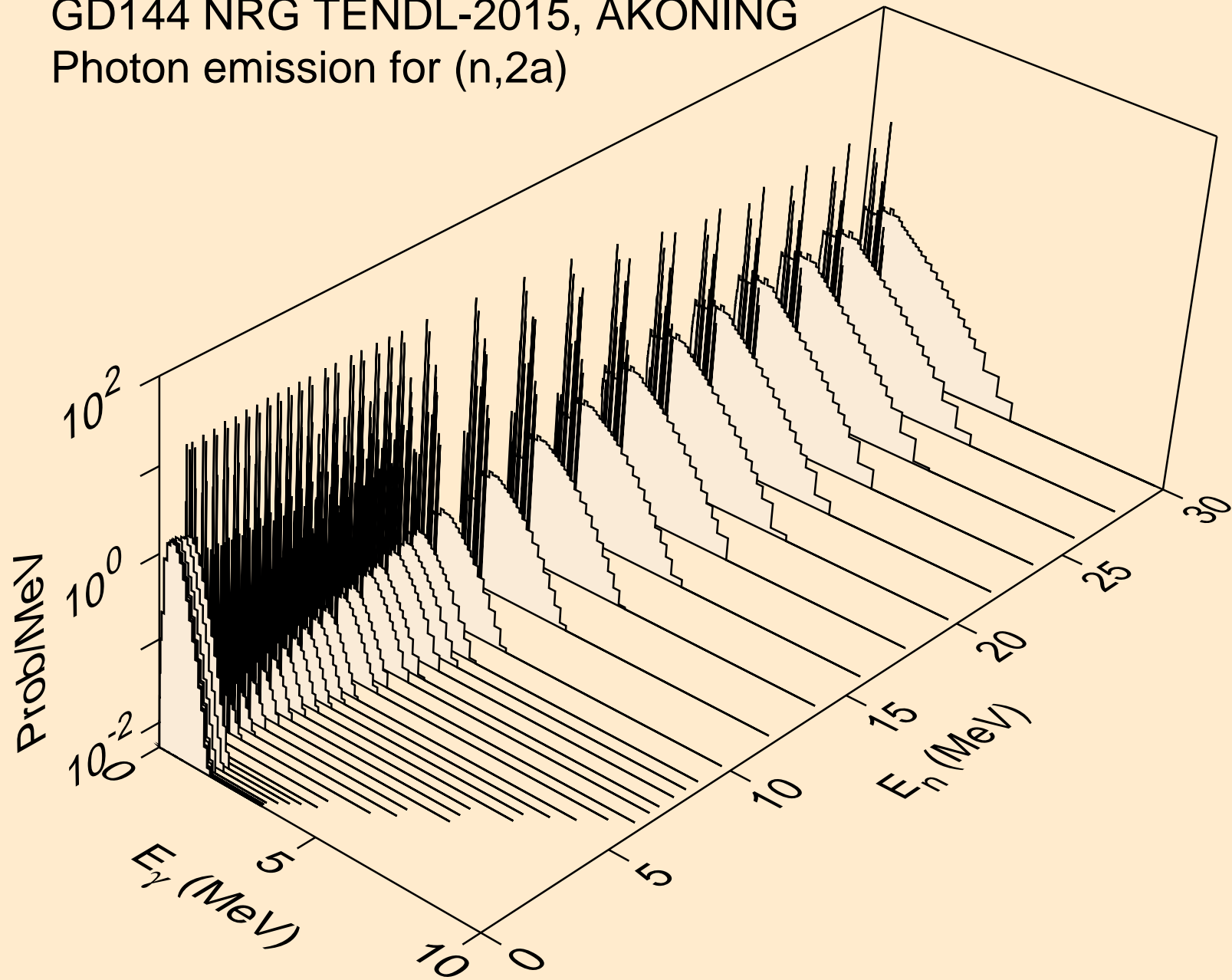
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



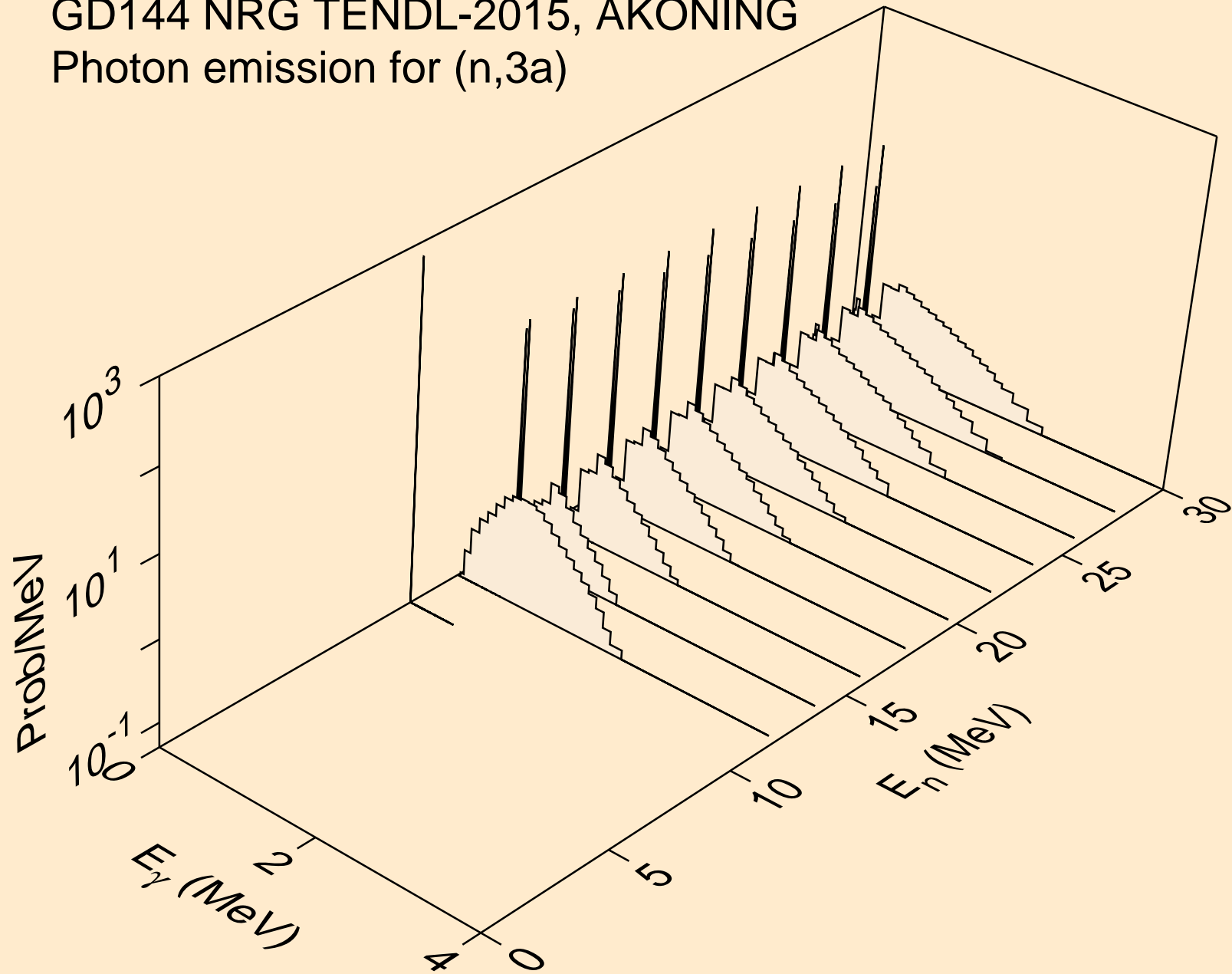
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



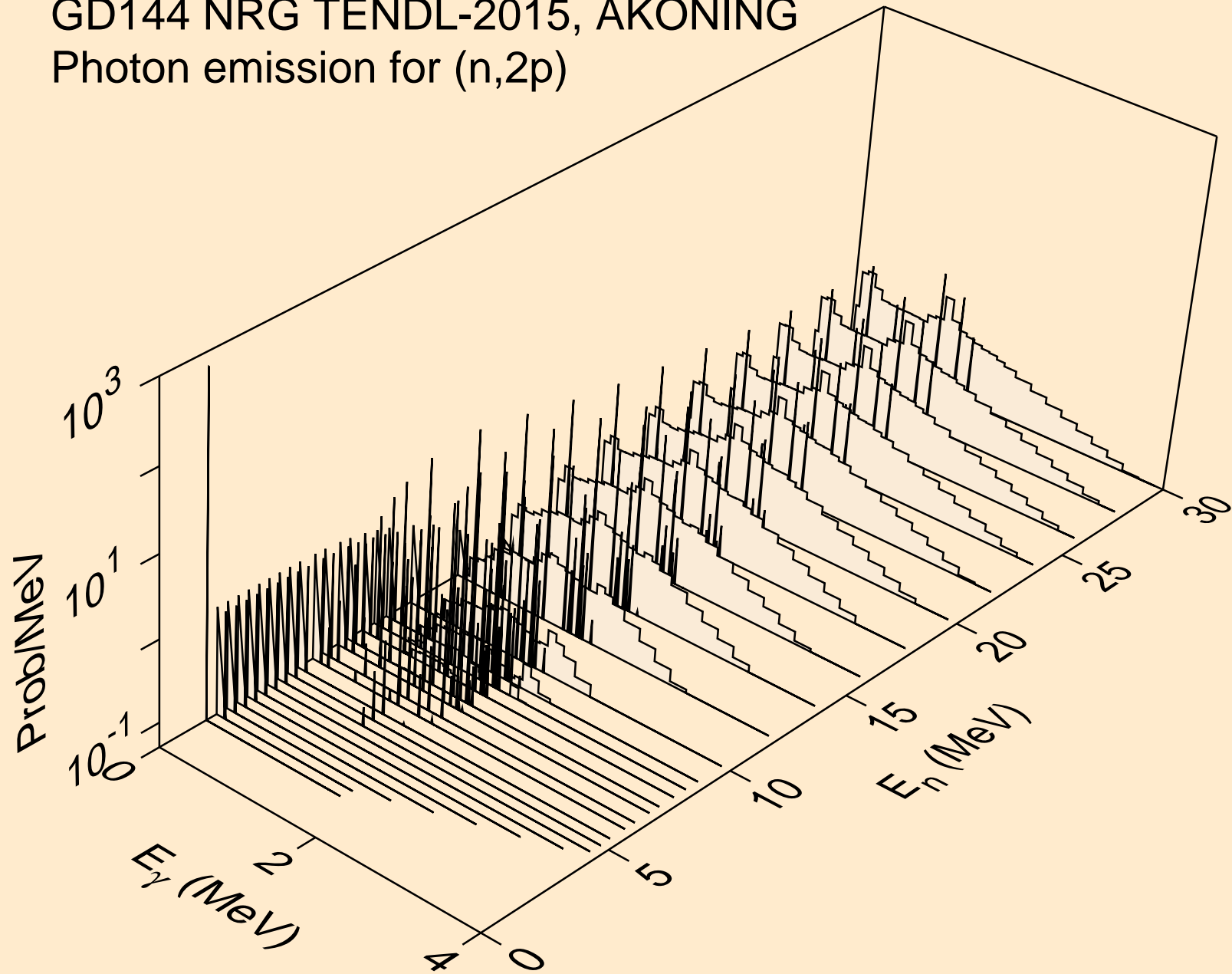
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

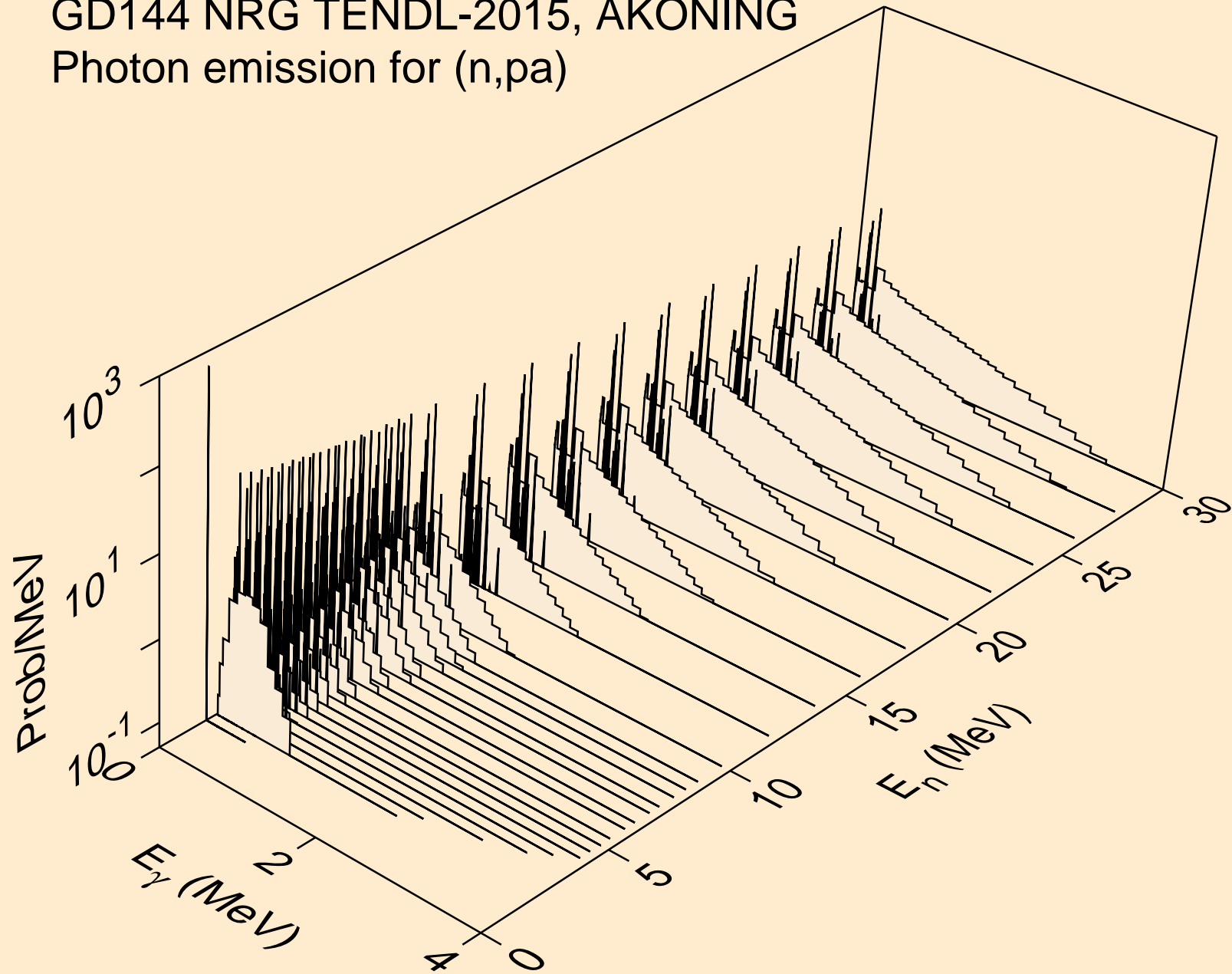


GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

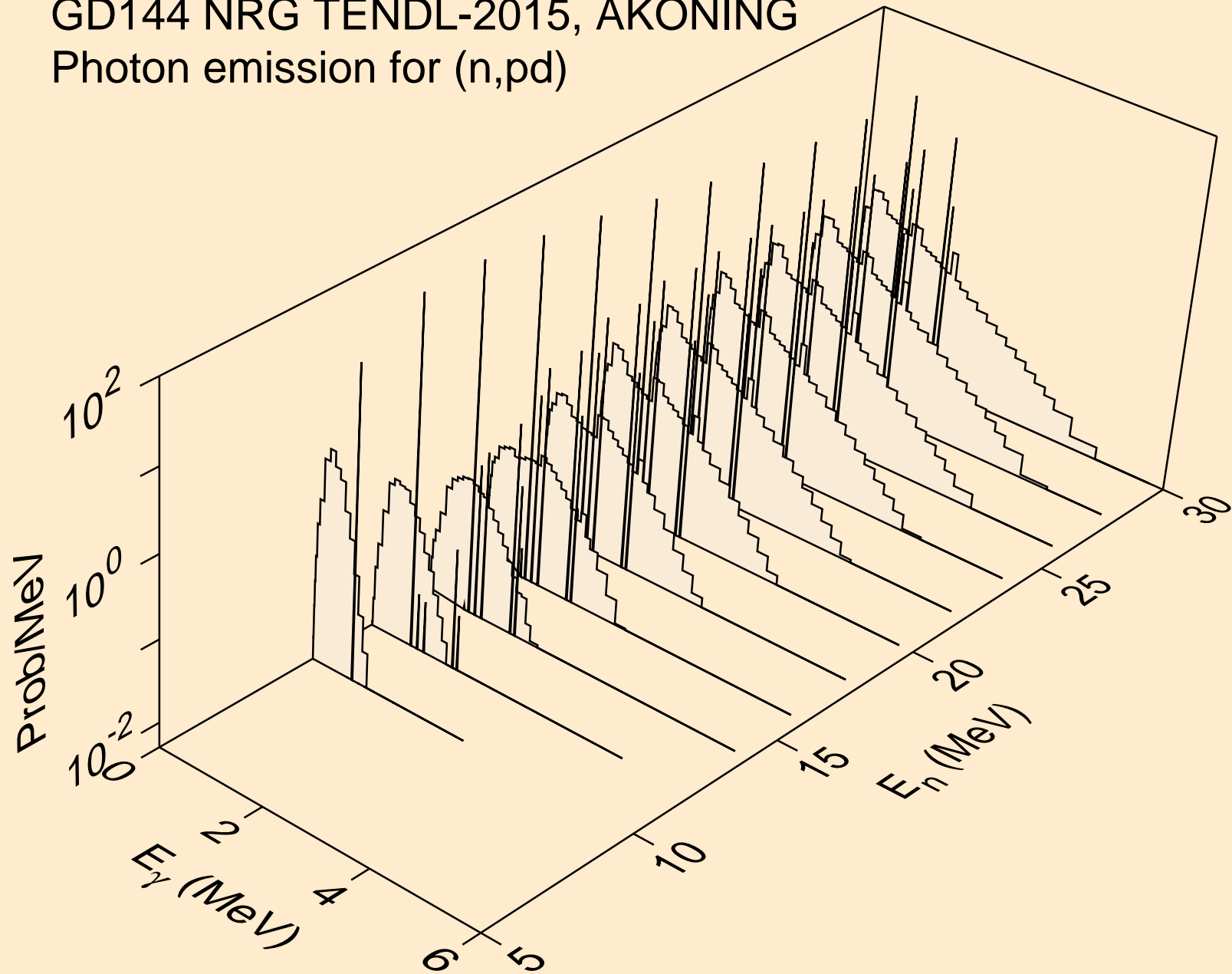




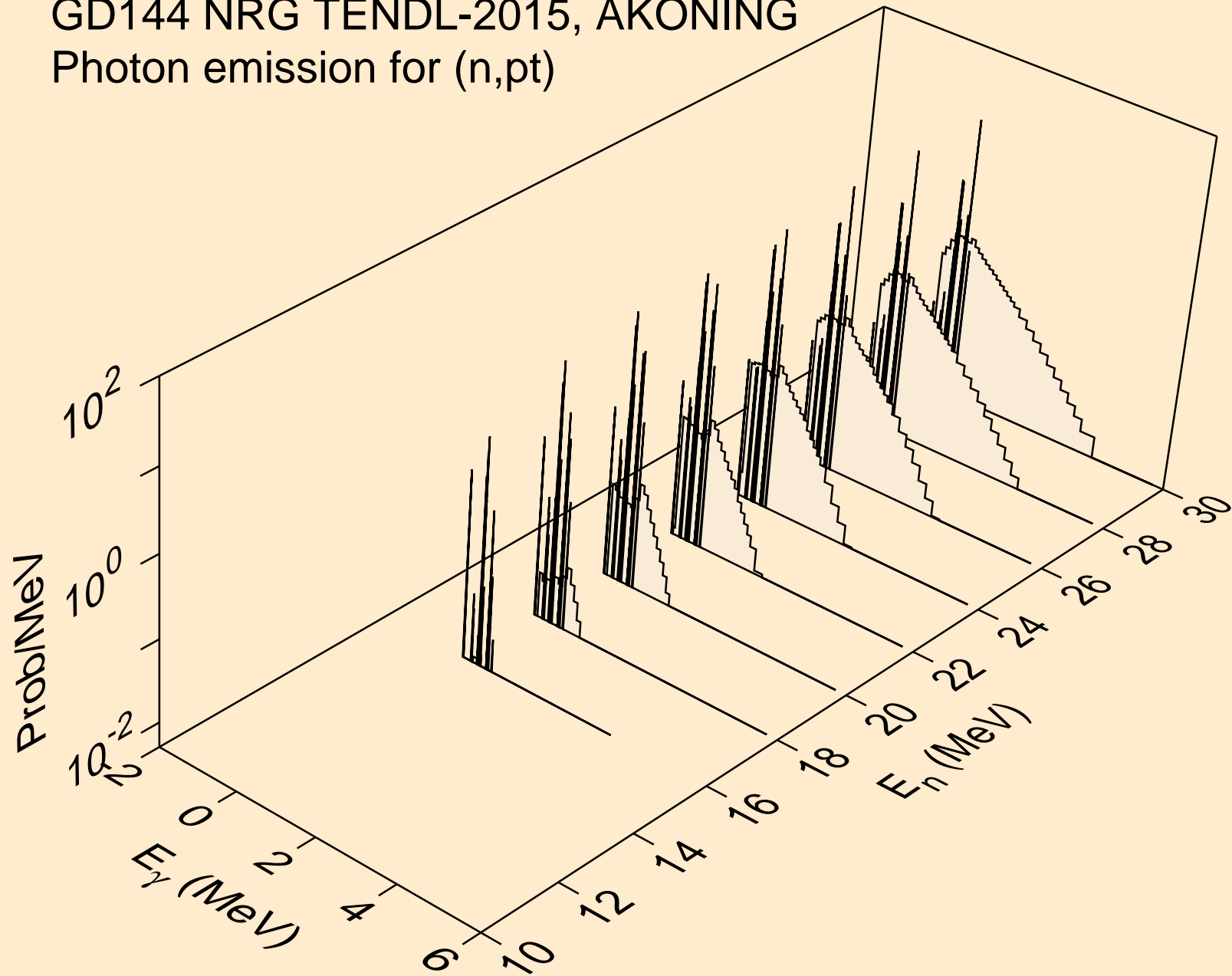
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



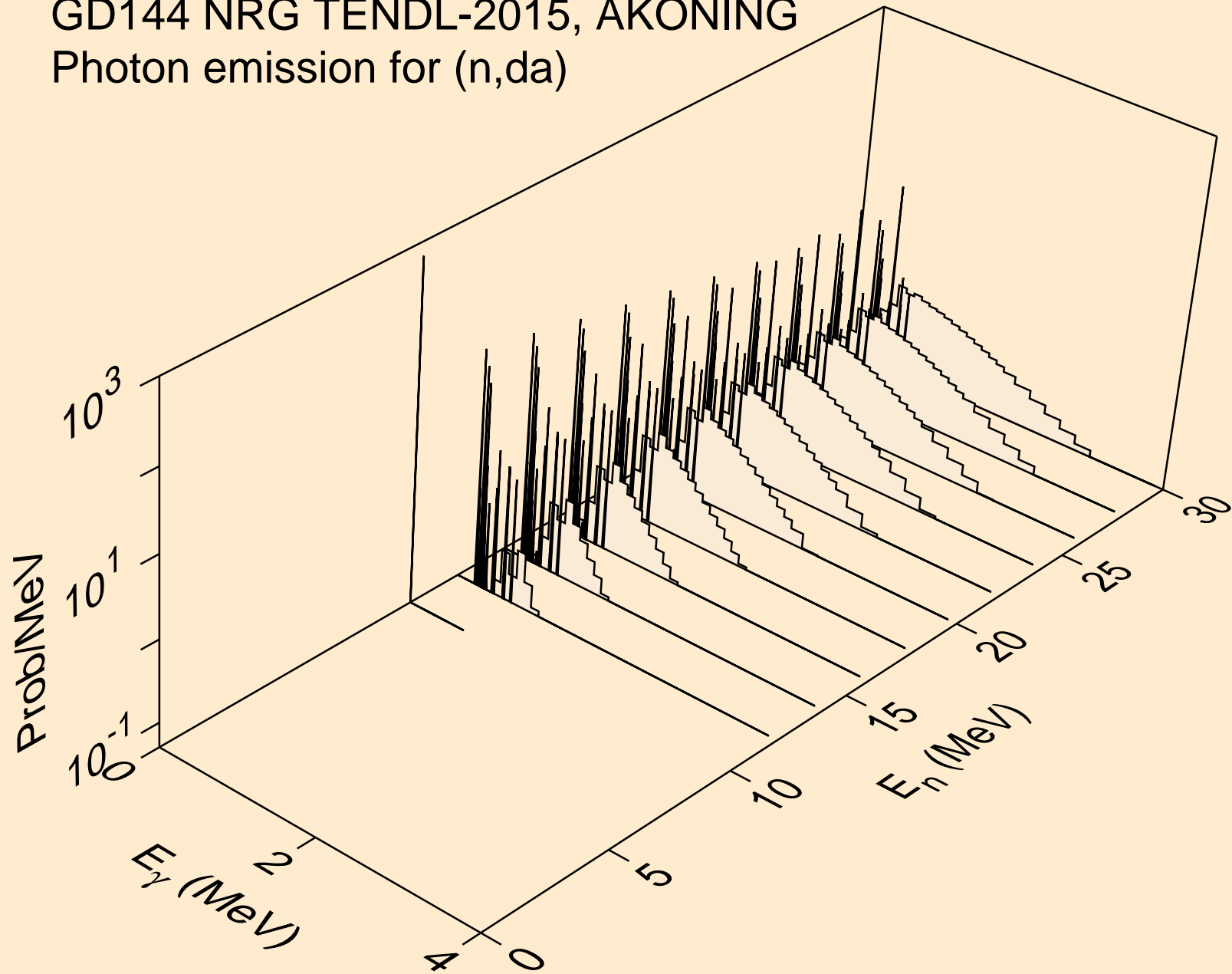
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



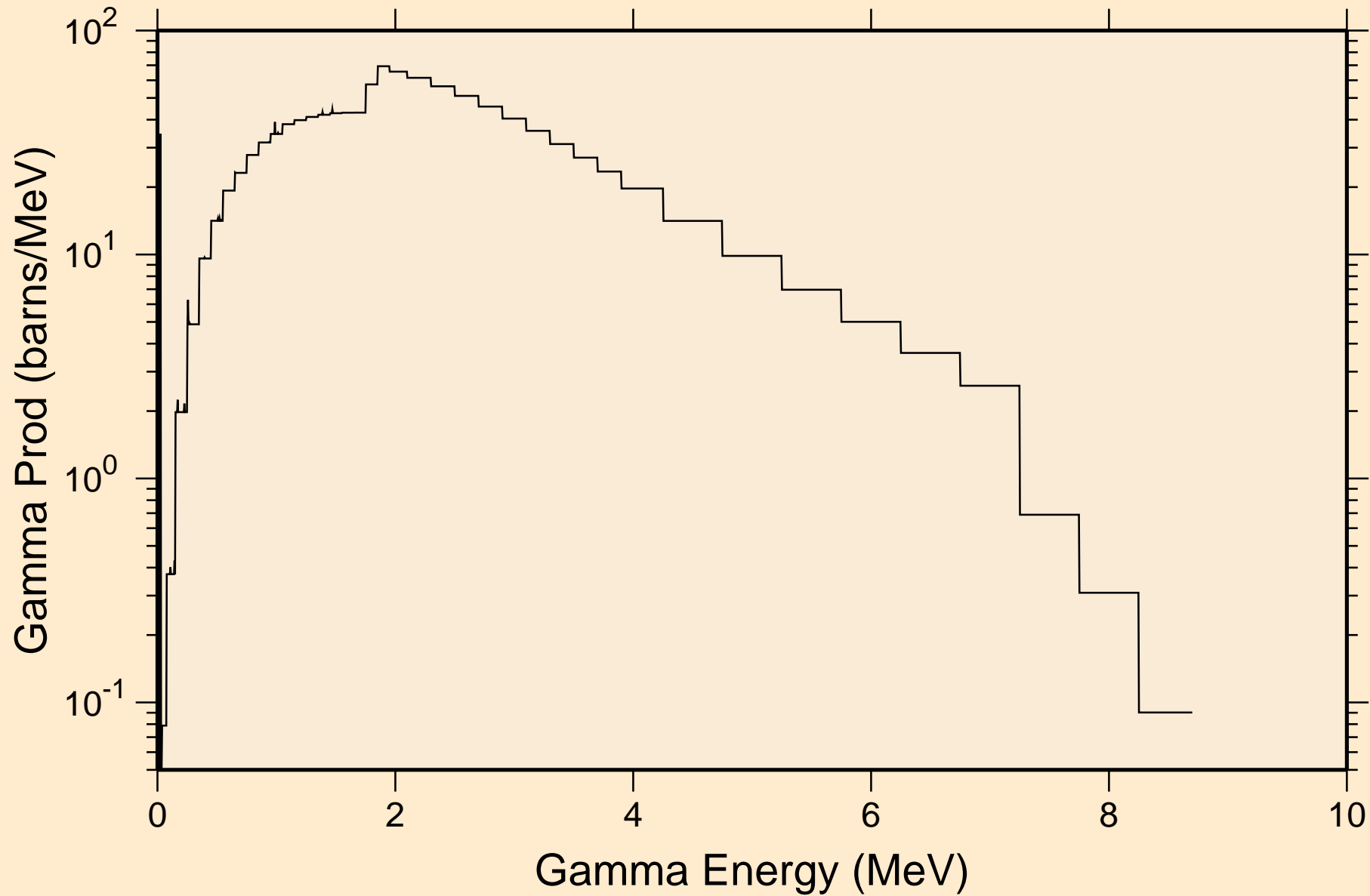
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



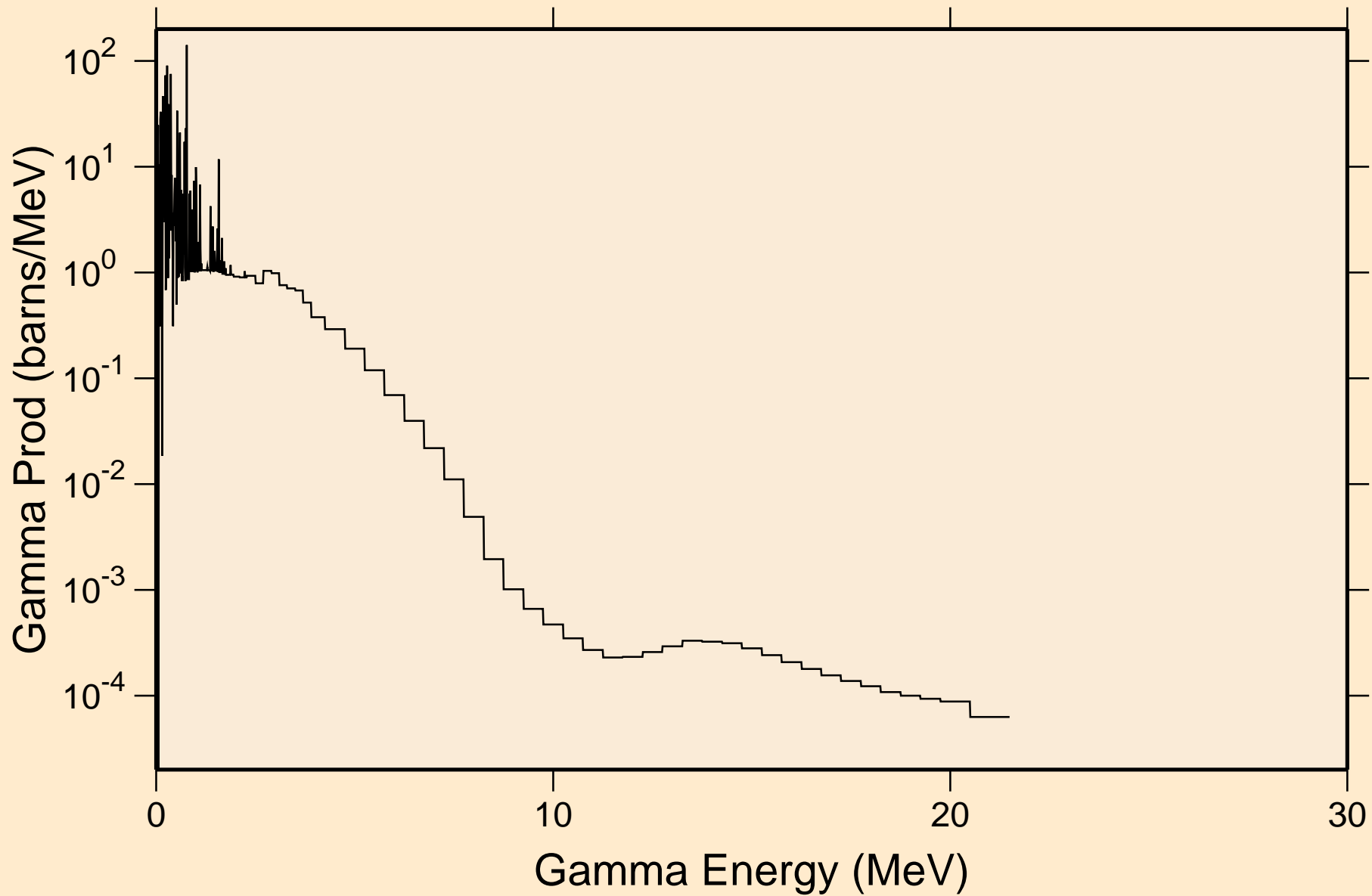
GD144 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



GD144 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

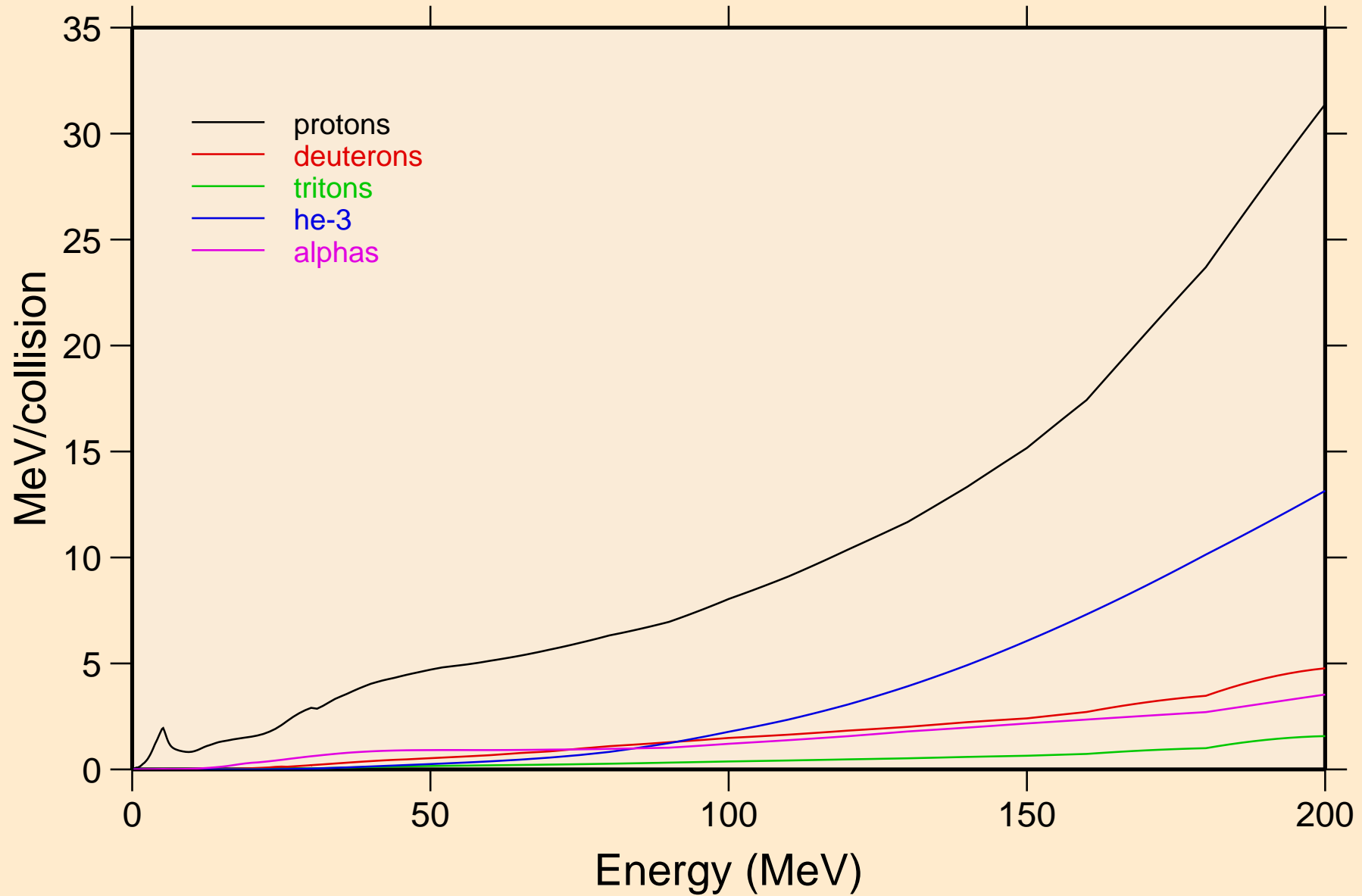


GD144 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



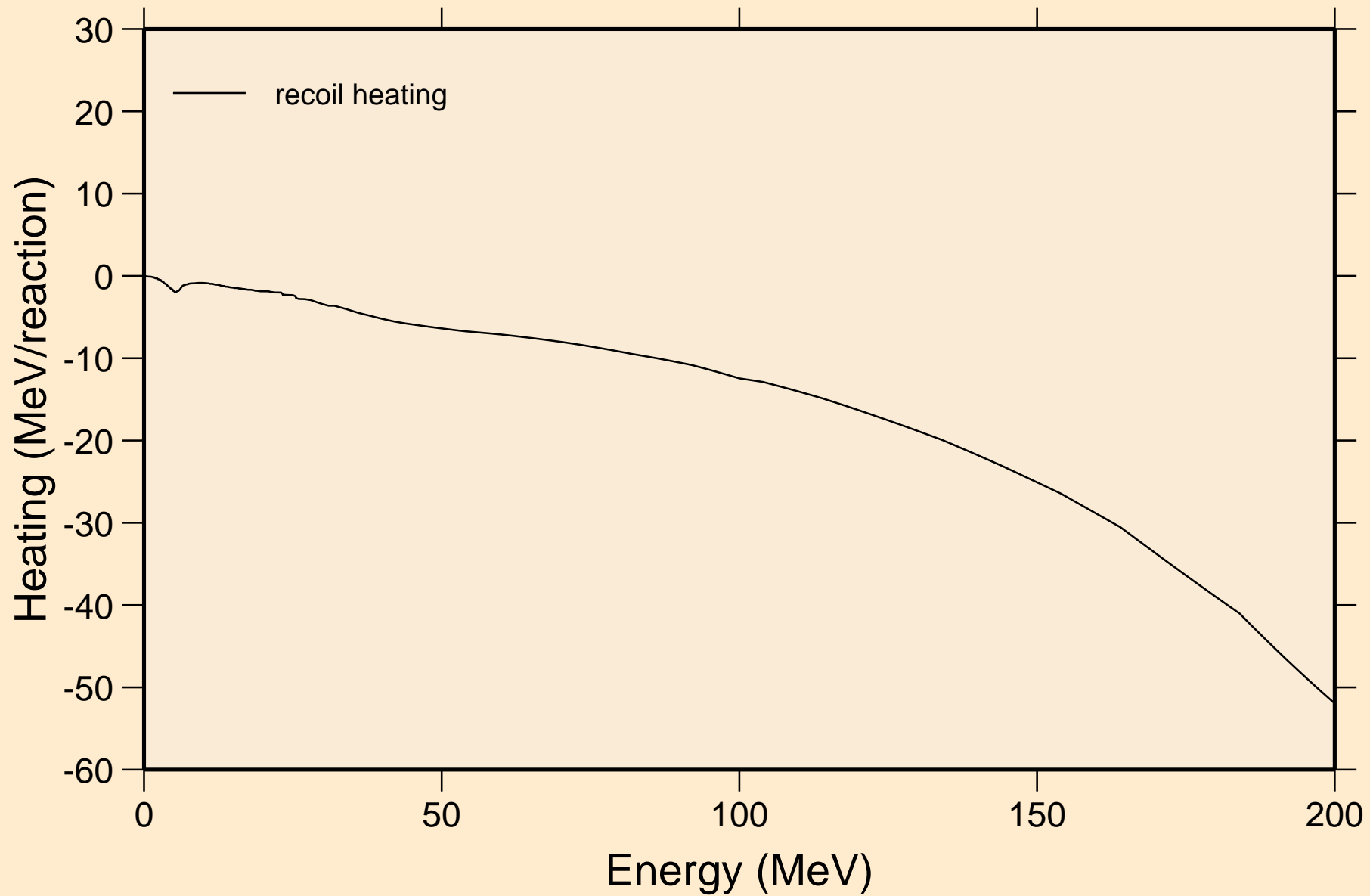
# GD144 NRG TENDL-2015, AKONING

## Particle heating contributions



# GD144 NRG TENDL-2015, AKONING

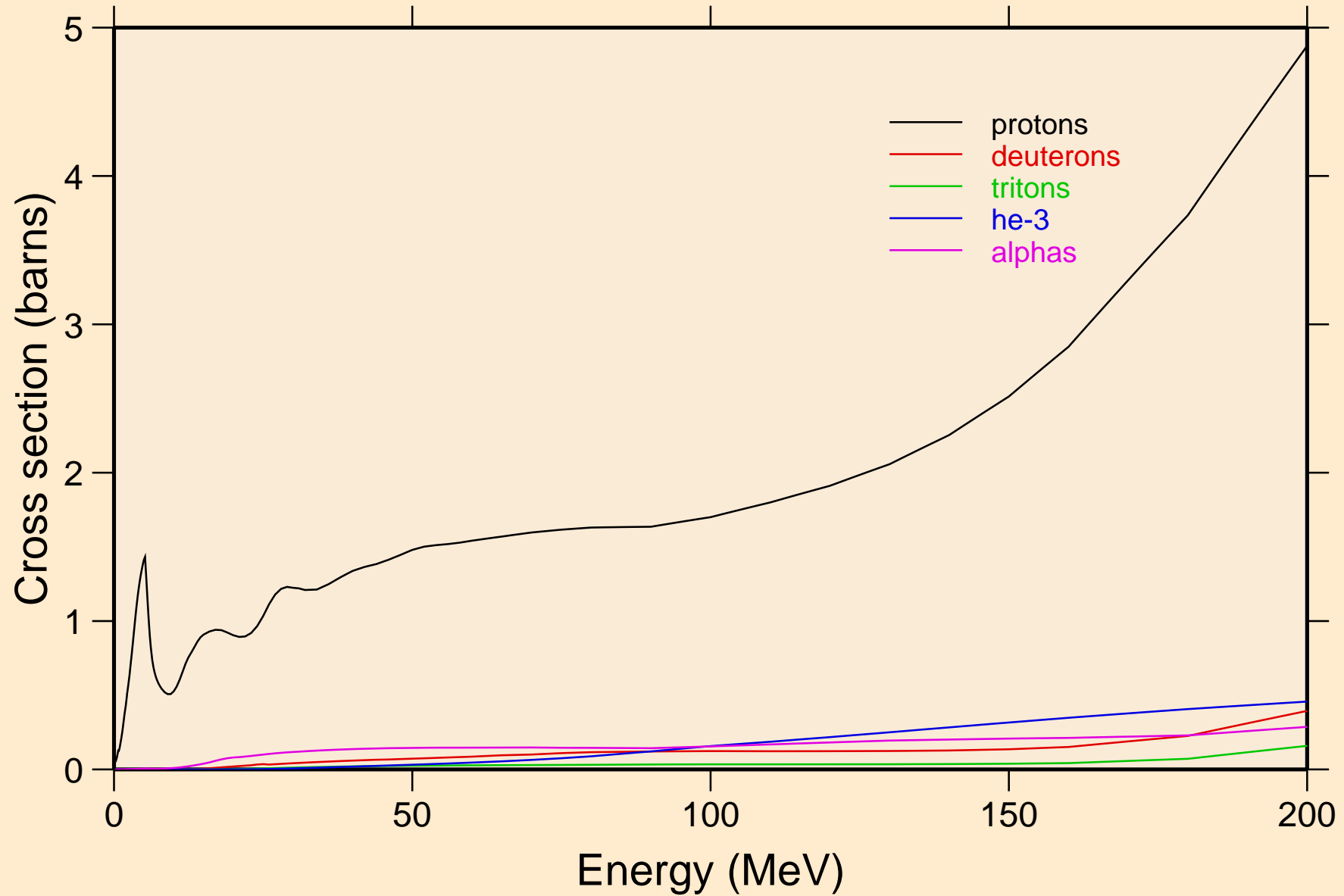
## Recoil Heating



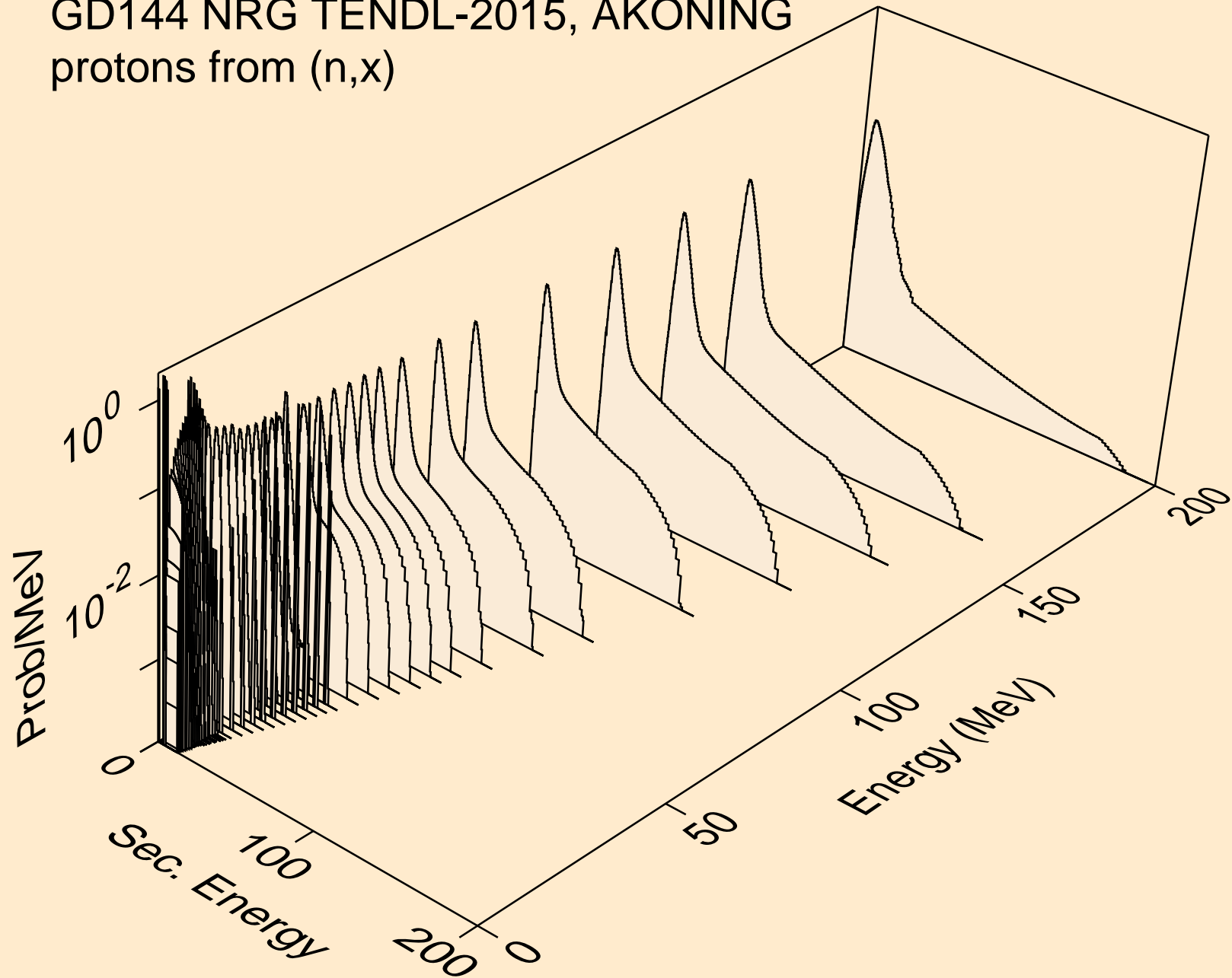


# GD144 NRG TENDL-2015, AKONING

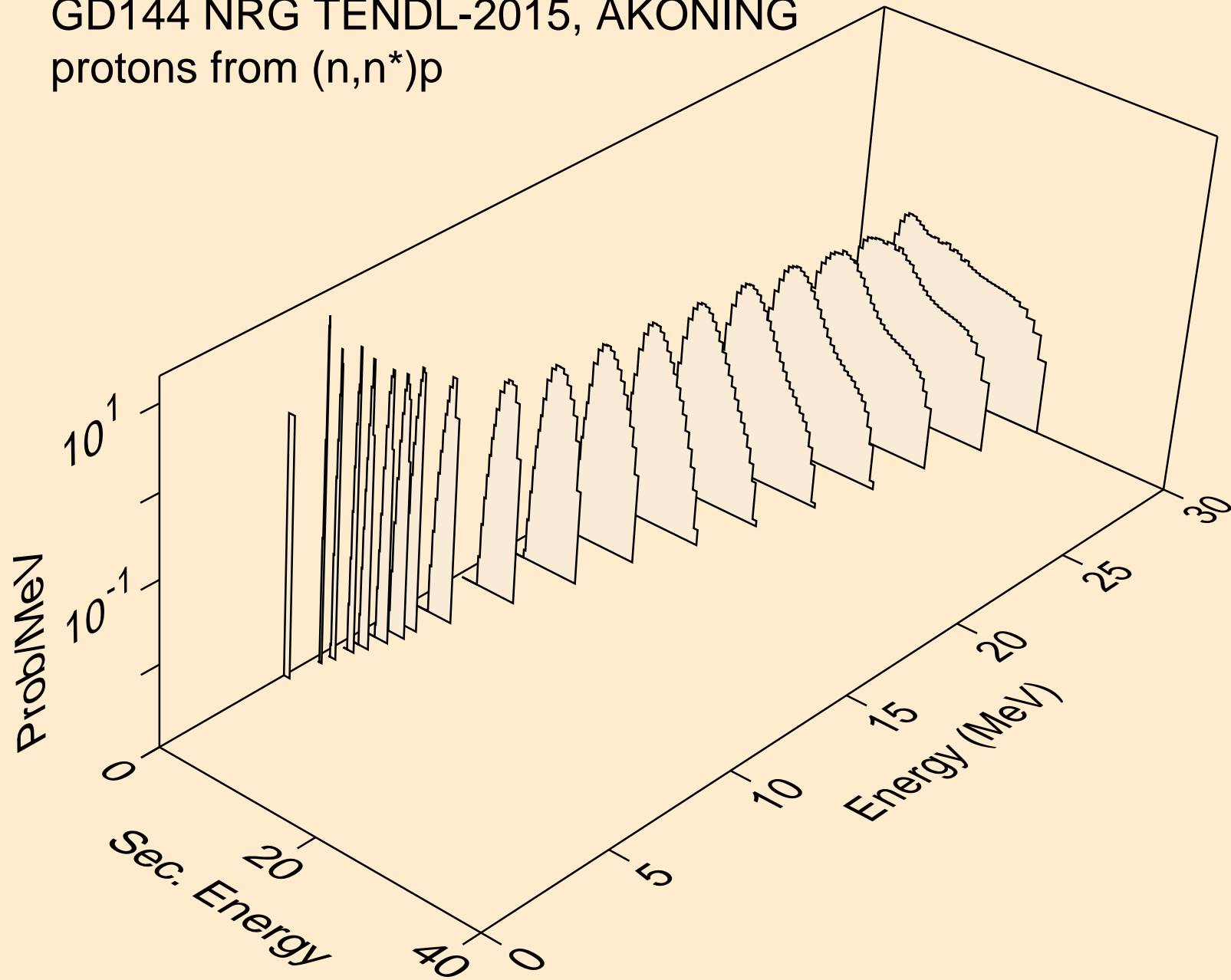
## Particle production cross sections



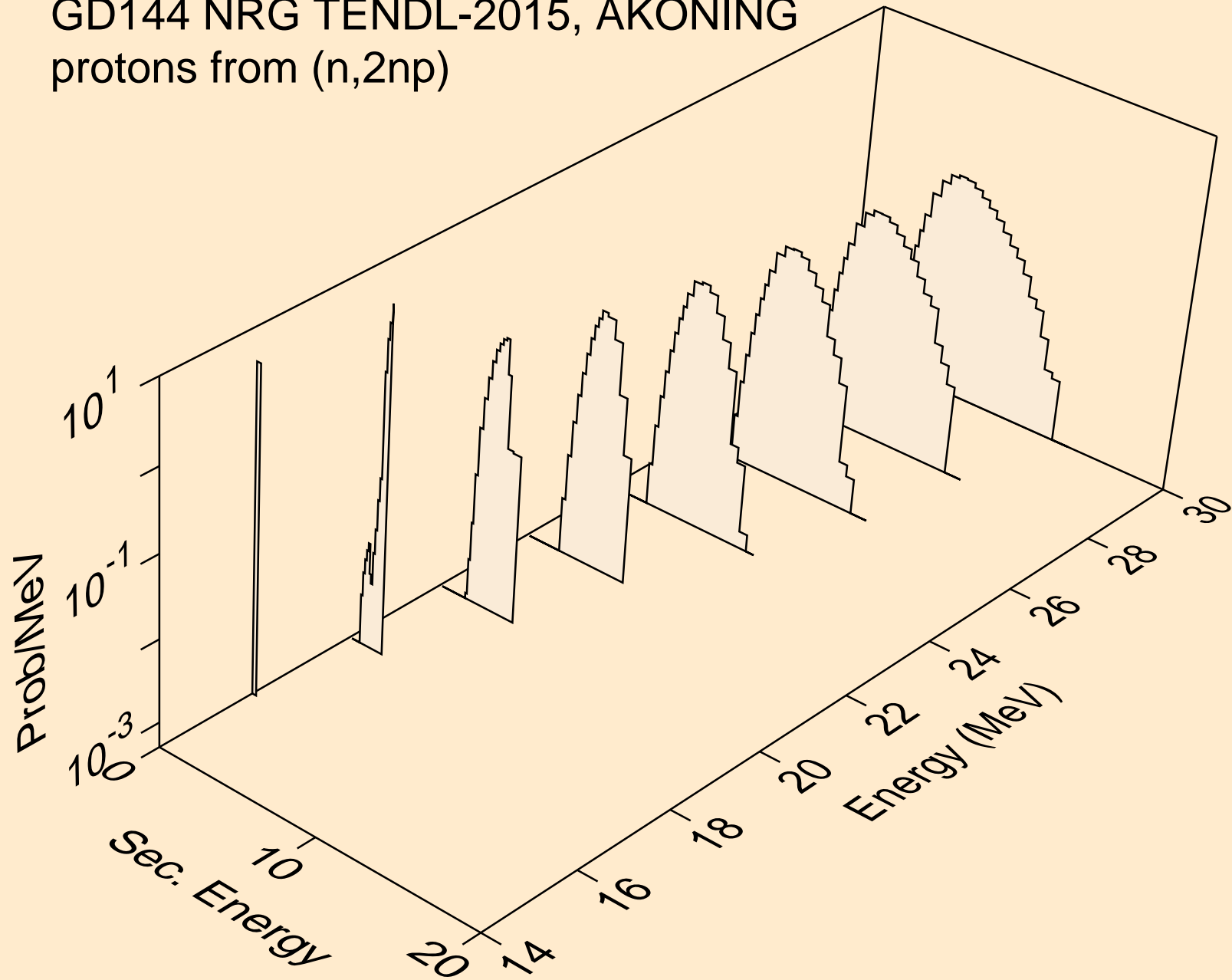
GD144 NRG TENDL-2015, AKONING  
protons from (n,x)



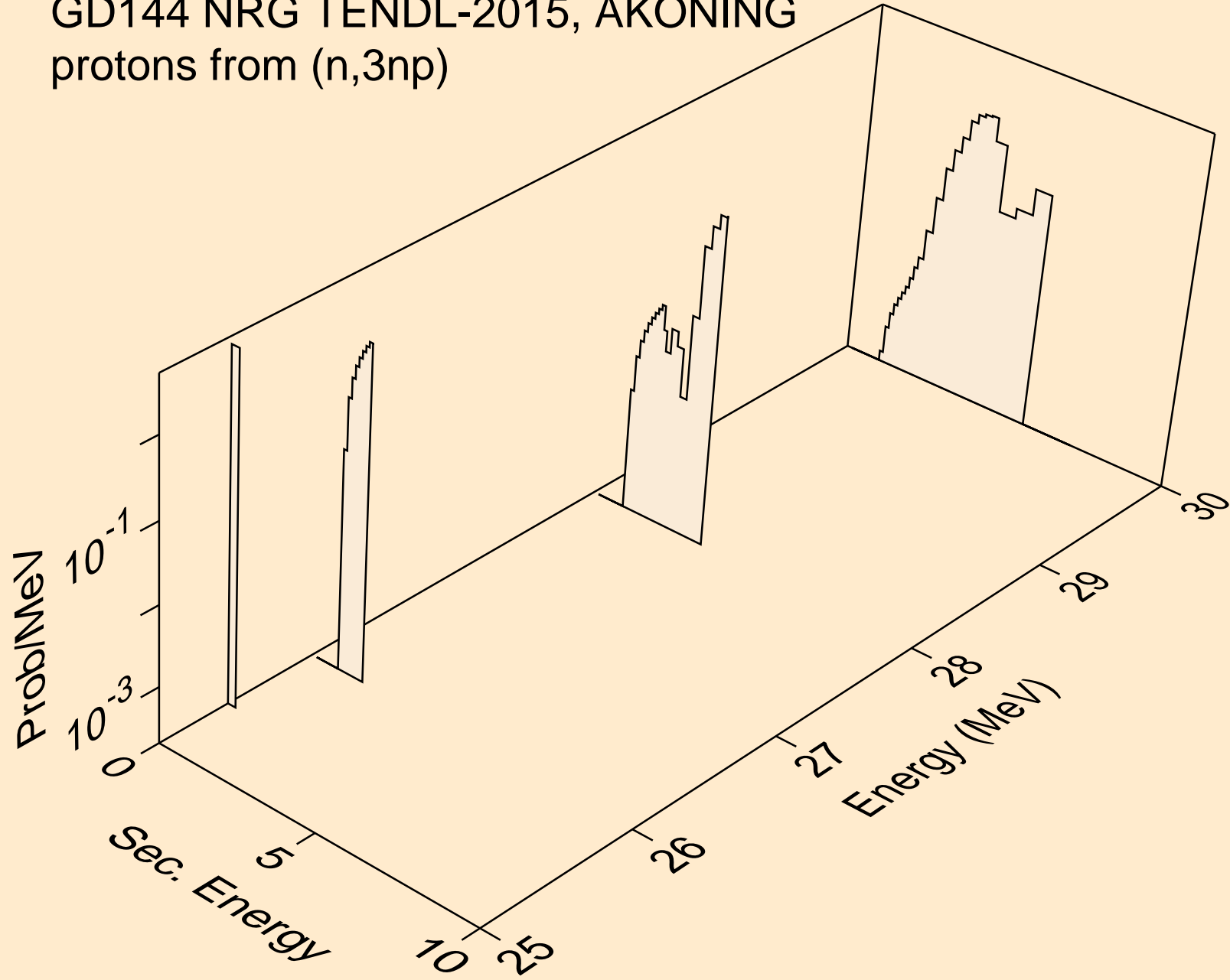
GD144 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



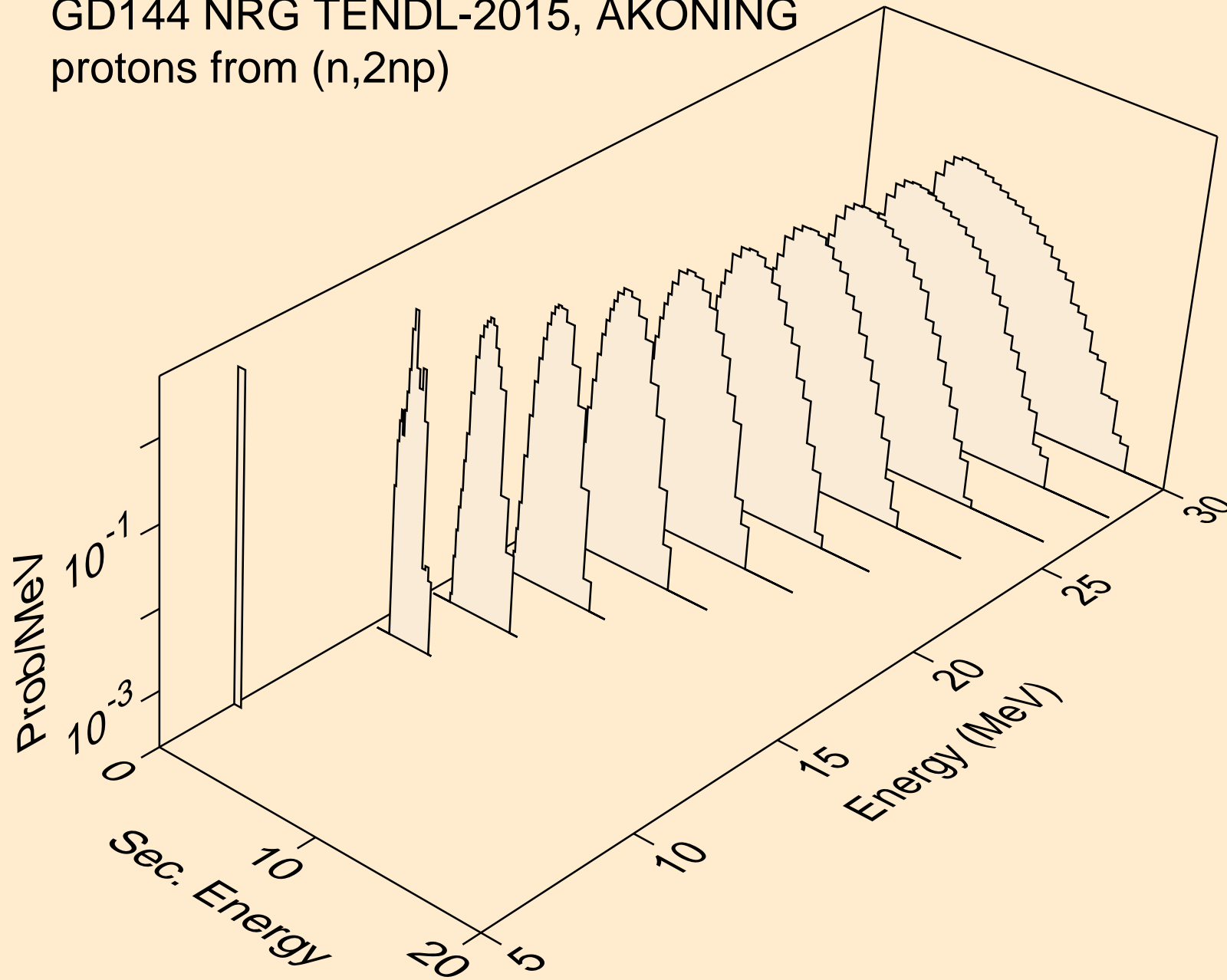
GD144 NRG TENDL-2015, AKONING  
protons from (n,2np)



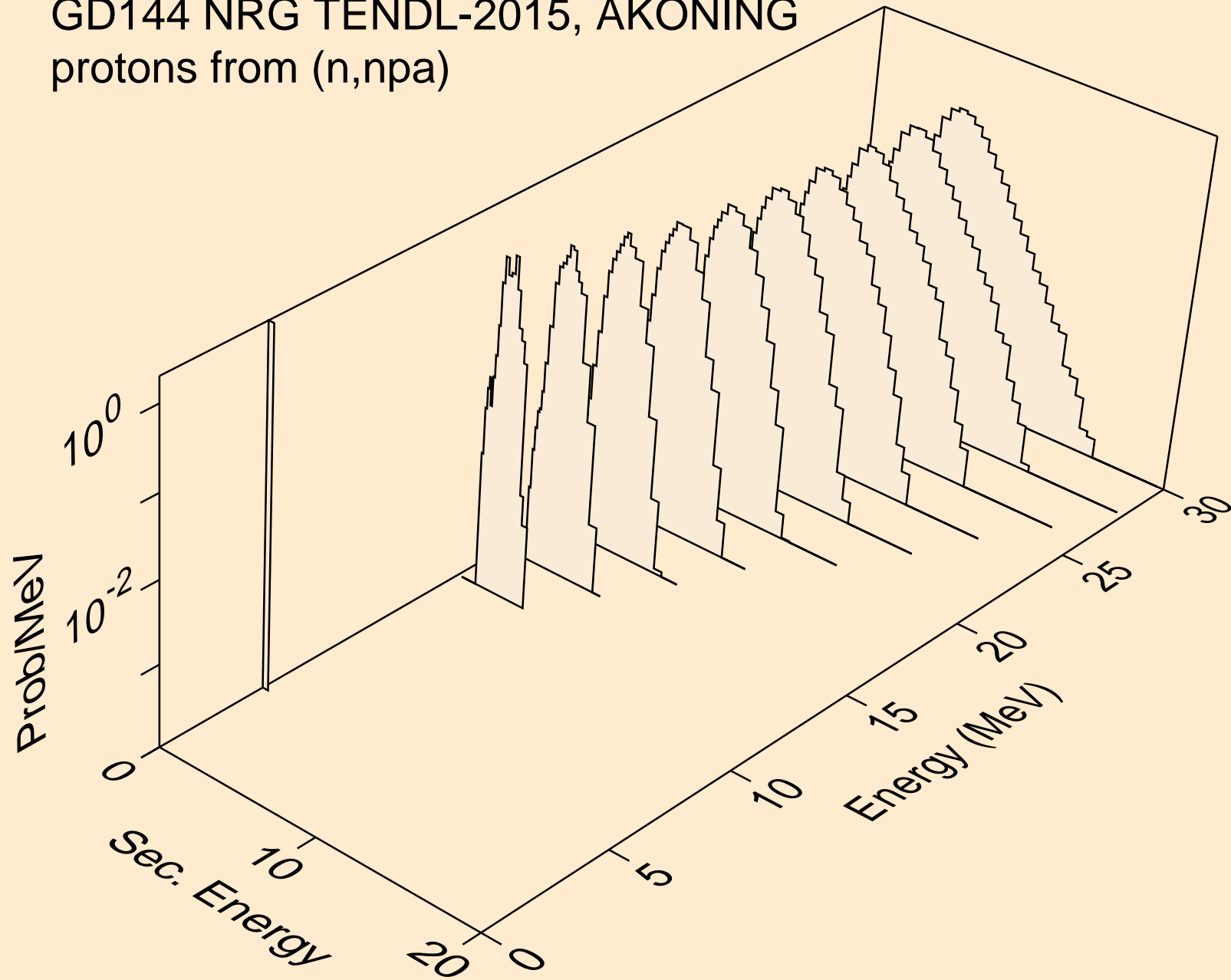
GD144 NRG TENDL-2015, AKONING  
protons from (n,3np)



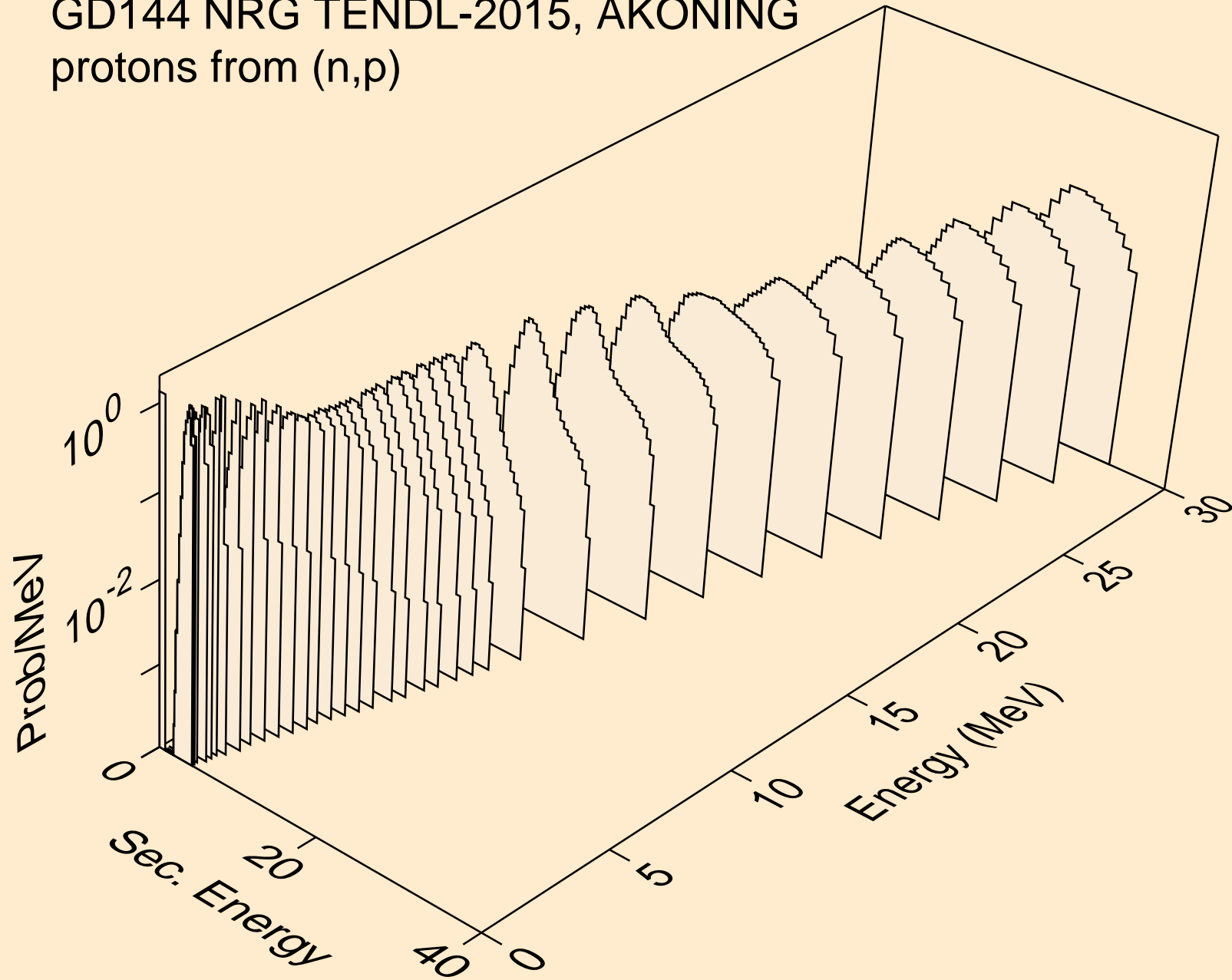
GD144 NRG TENDL-2015, AKONING  
protons from (n,2np)



GD144 NRG TENDL-2015, AKONING  
protons from (n,npa)

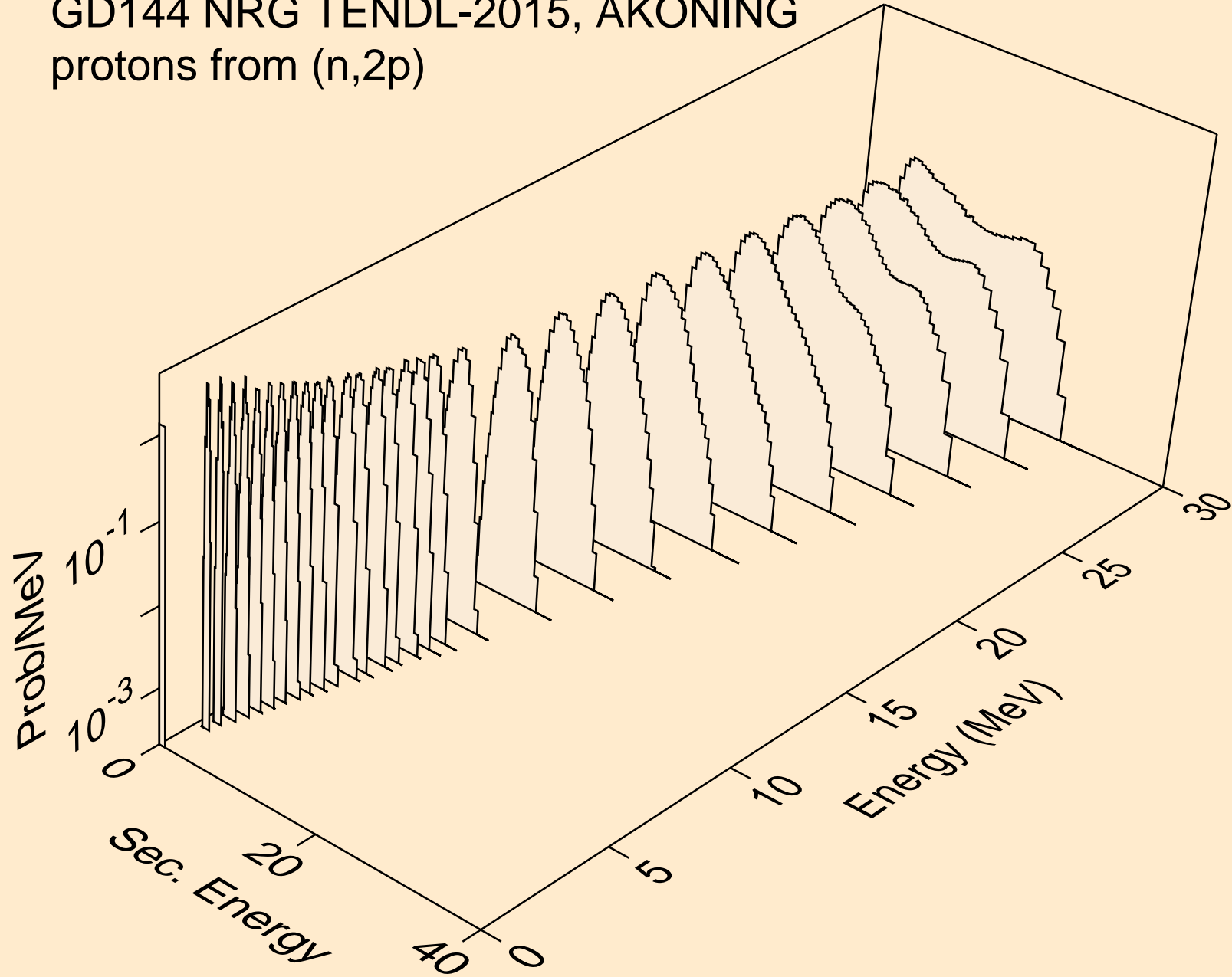


GD144 NRG TENDL-2015, AKONING  
protons from (n,p)

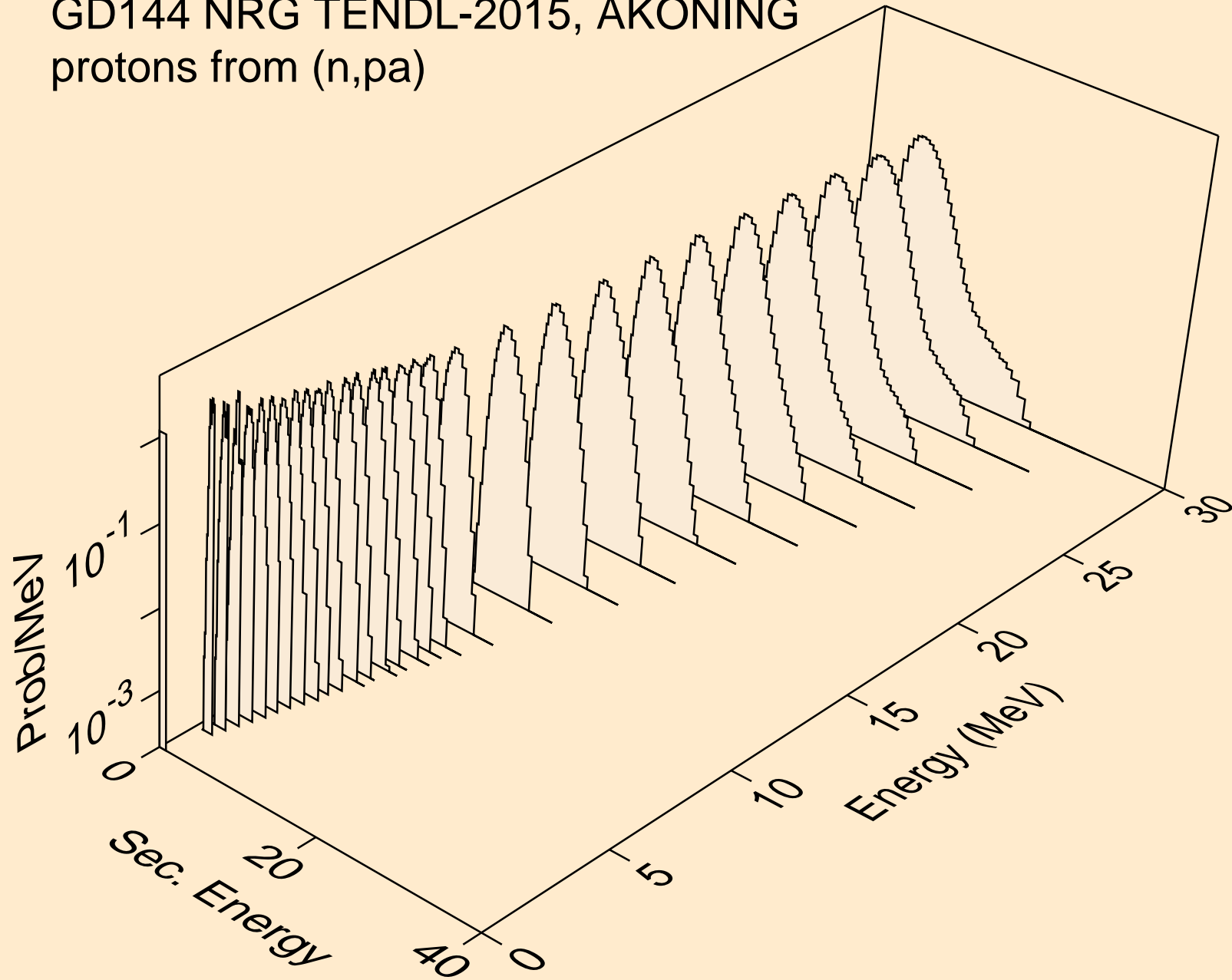




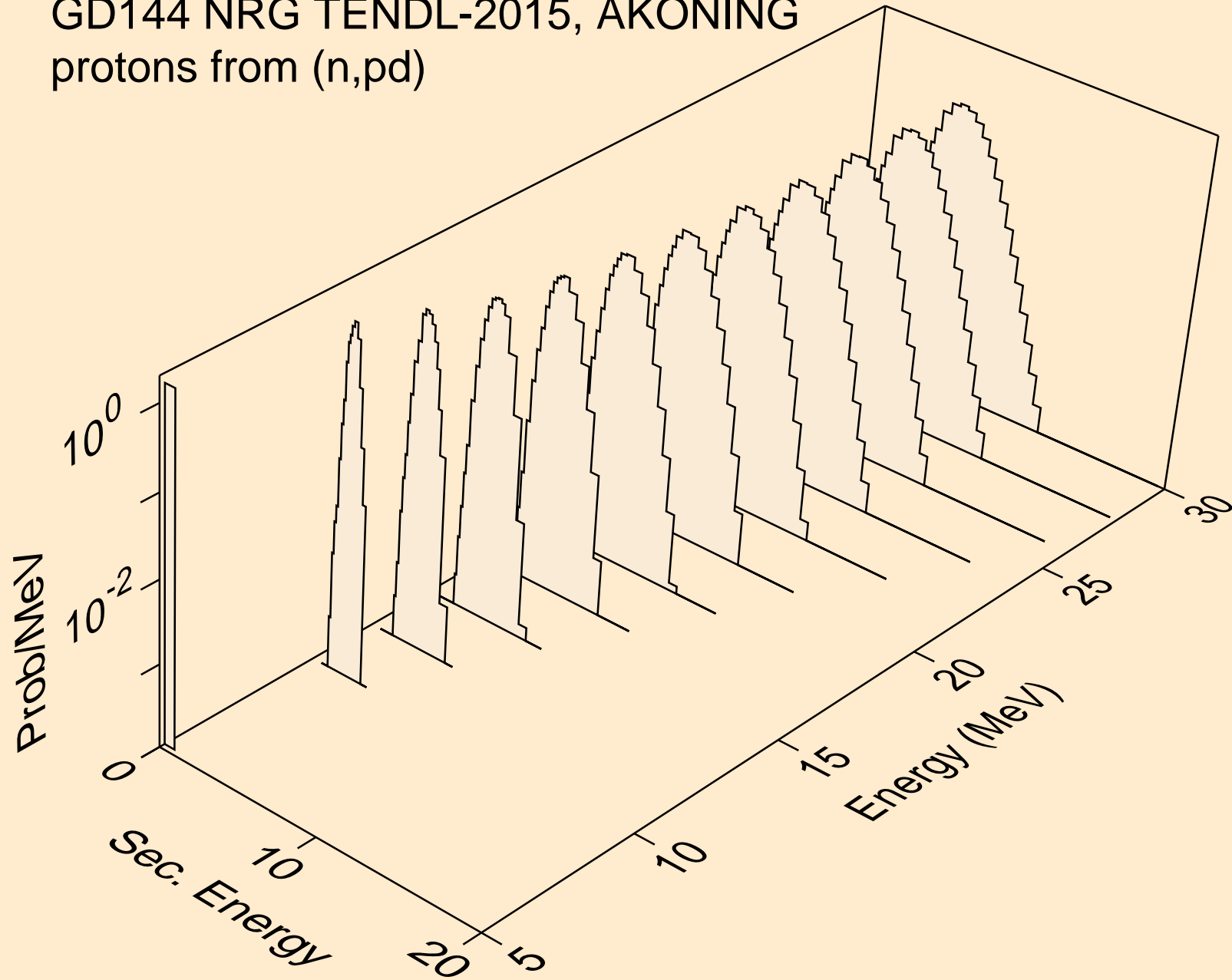
GD144 NRG TENDL-2015, AKONING  
protons from (n,2p)



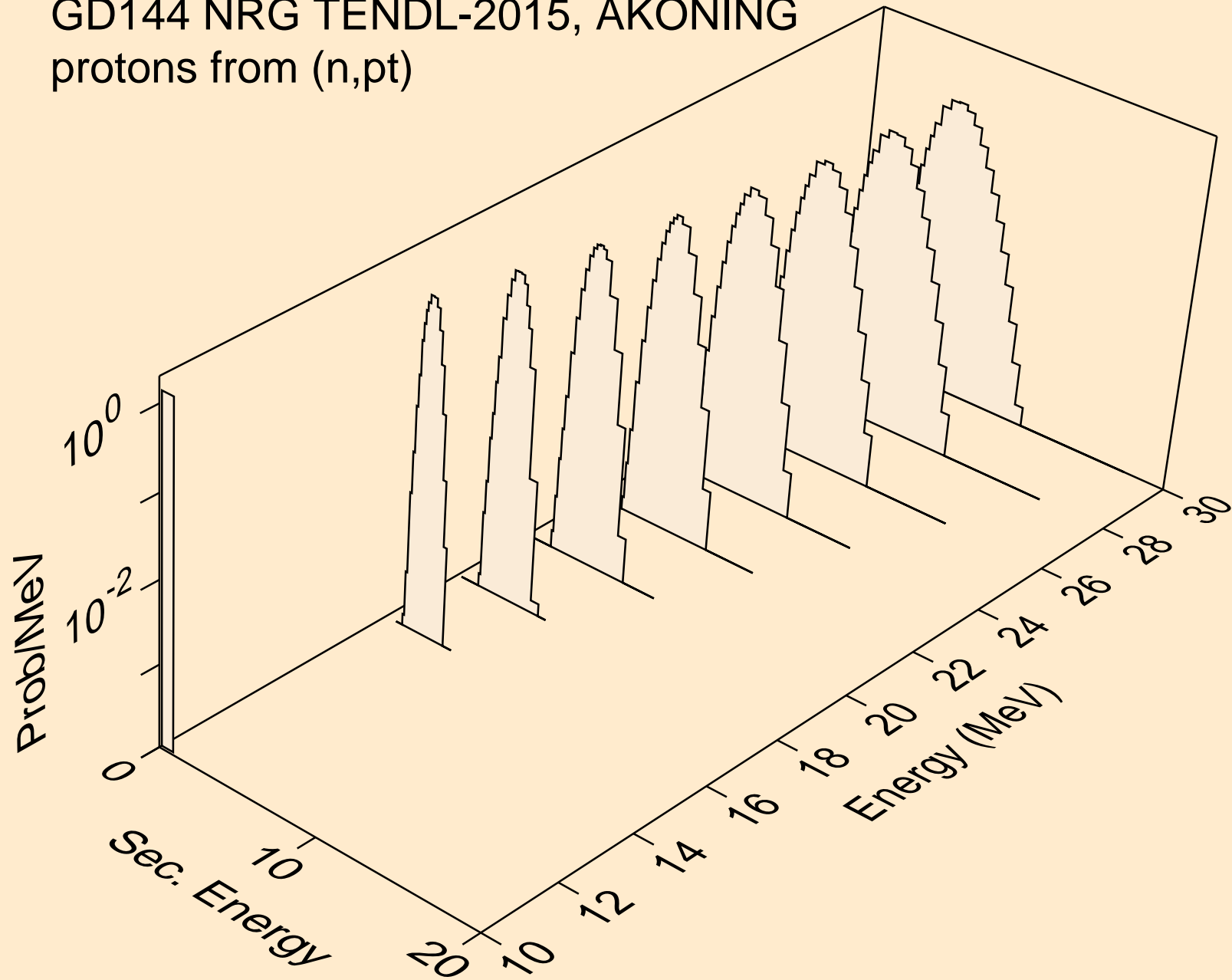
GD144 NRG TENDL-2015, AKONING  
protons from (n,pa)



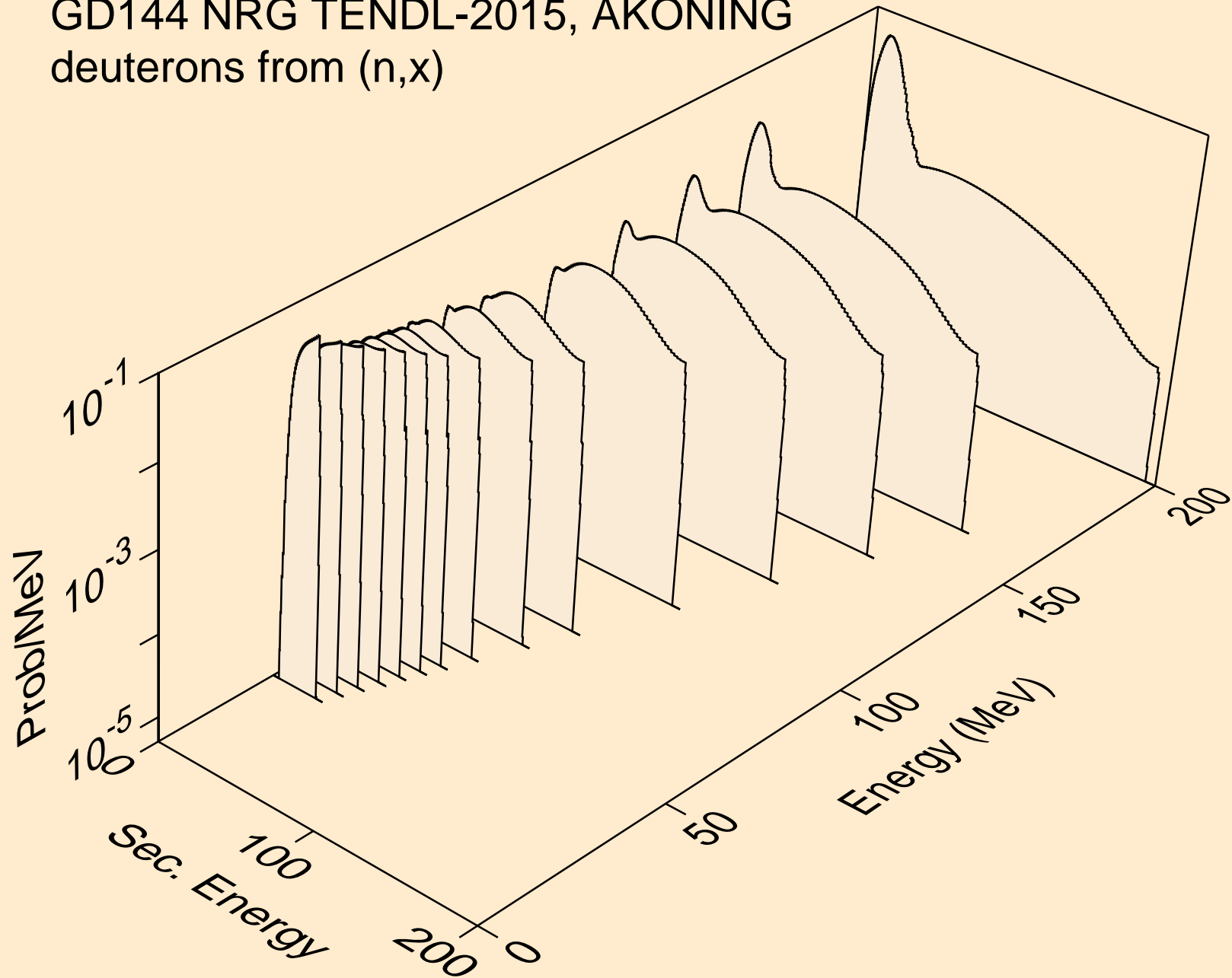
GD144 NRG TENDL-2015, AKONING  
protons from (n,pd)



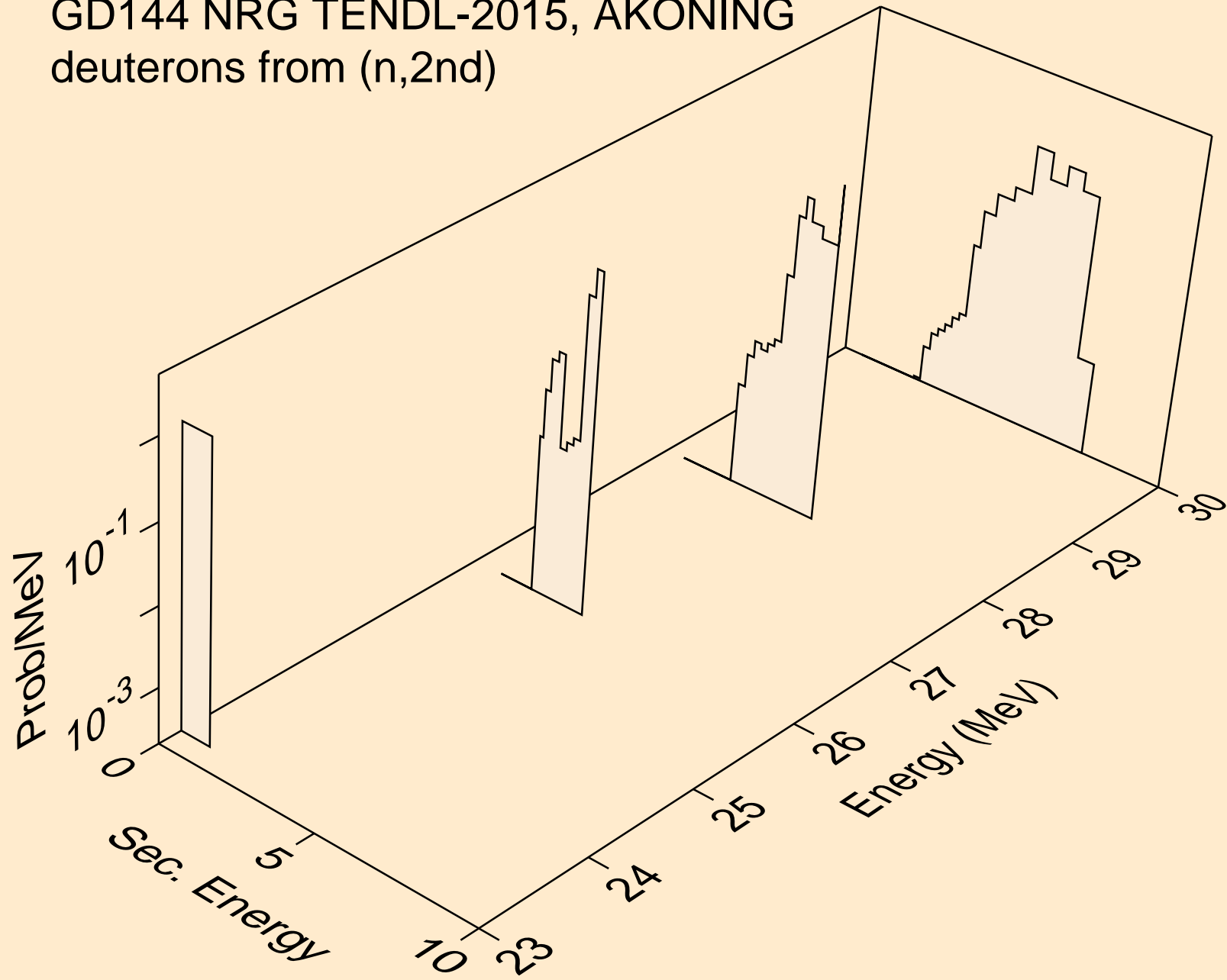
GD144 NRG TENDL-2015, AKONING  
protons from (n,pt)



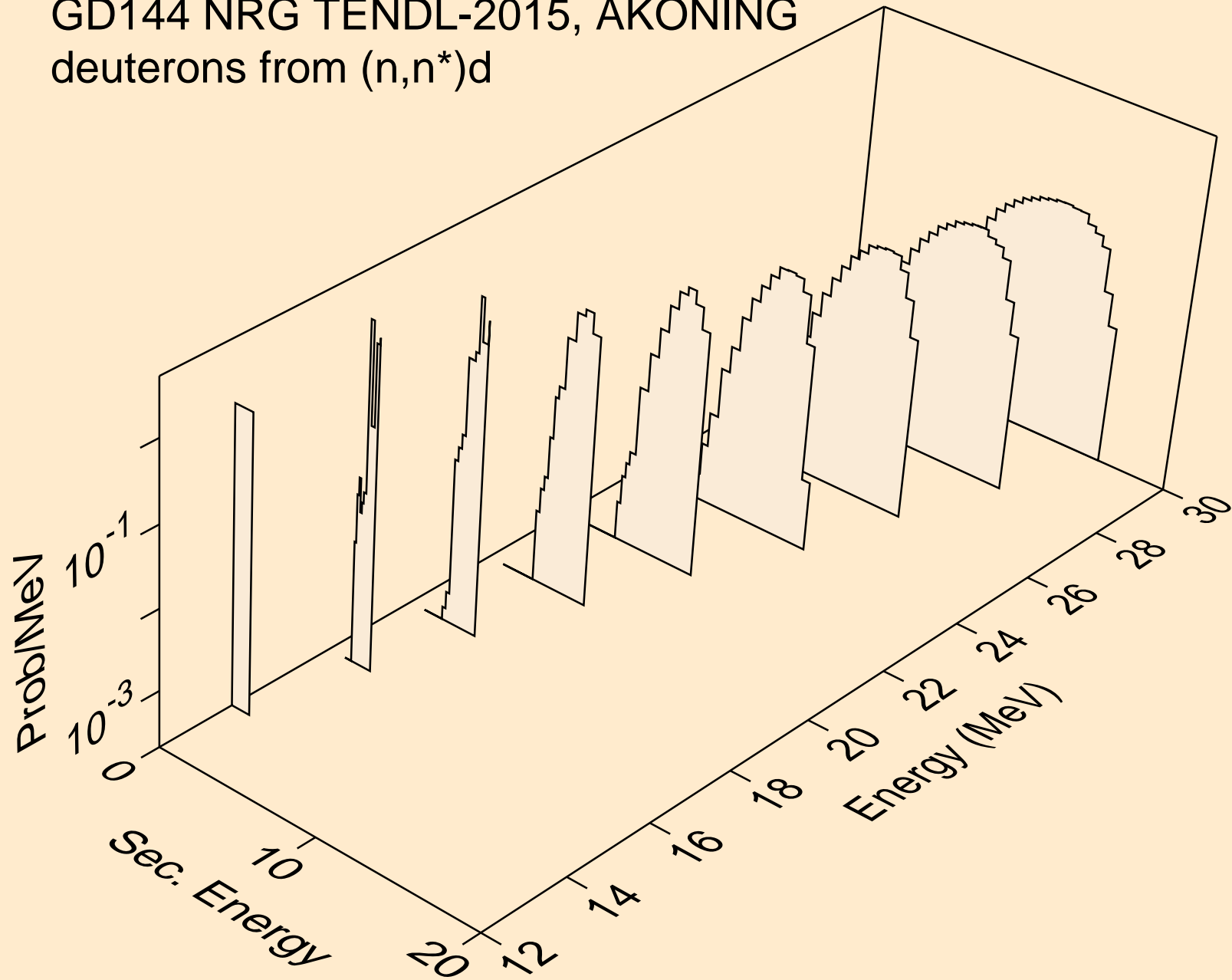
GD144 NRG TENDL-2015, AKONING  
deuterons from (n,x)



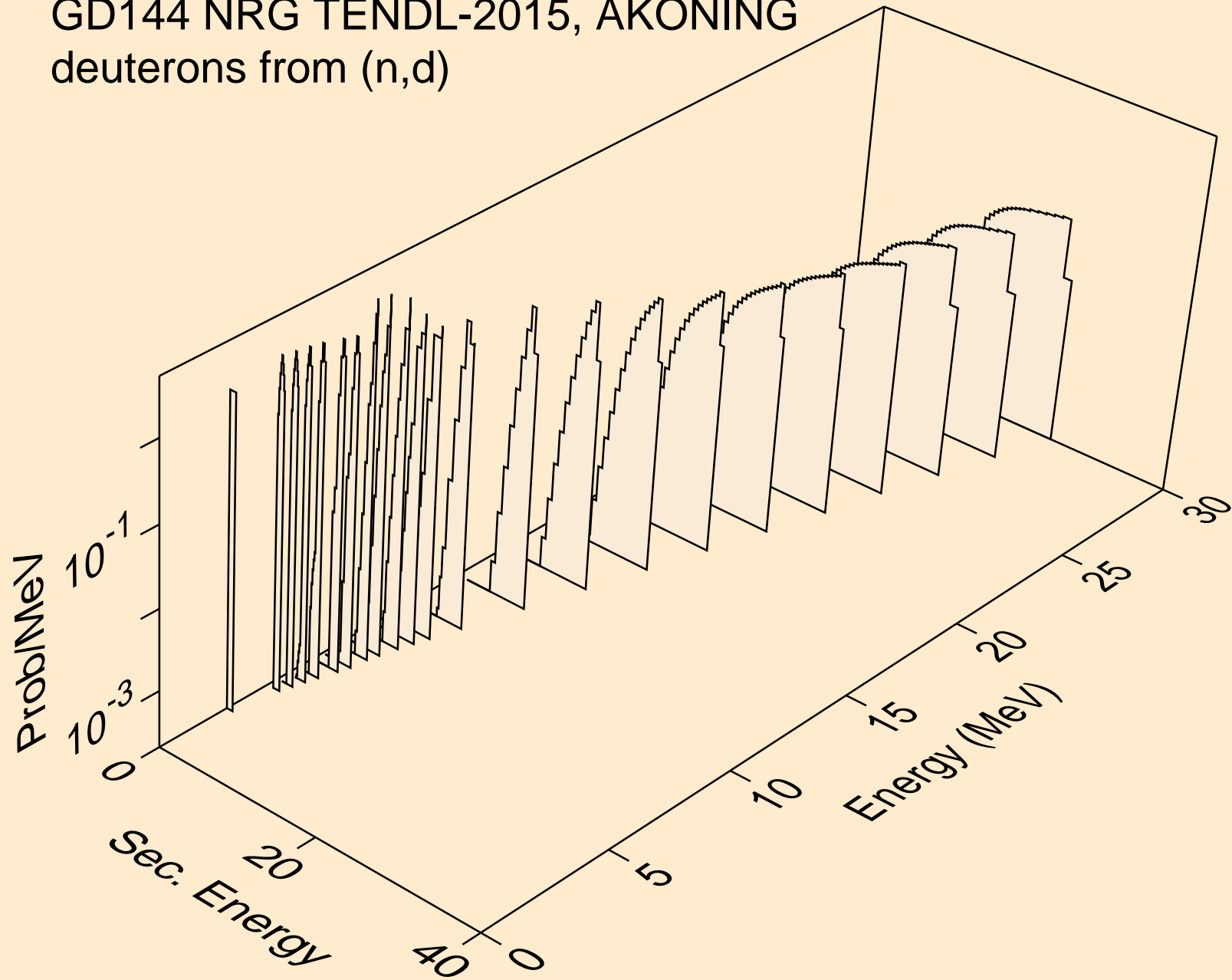
GD144 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



GD144 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

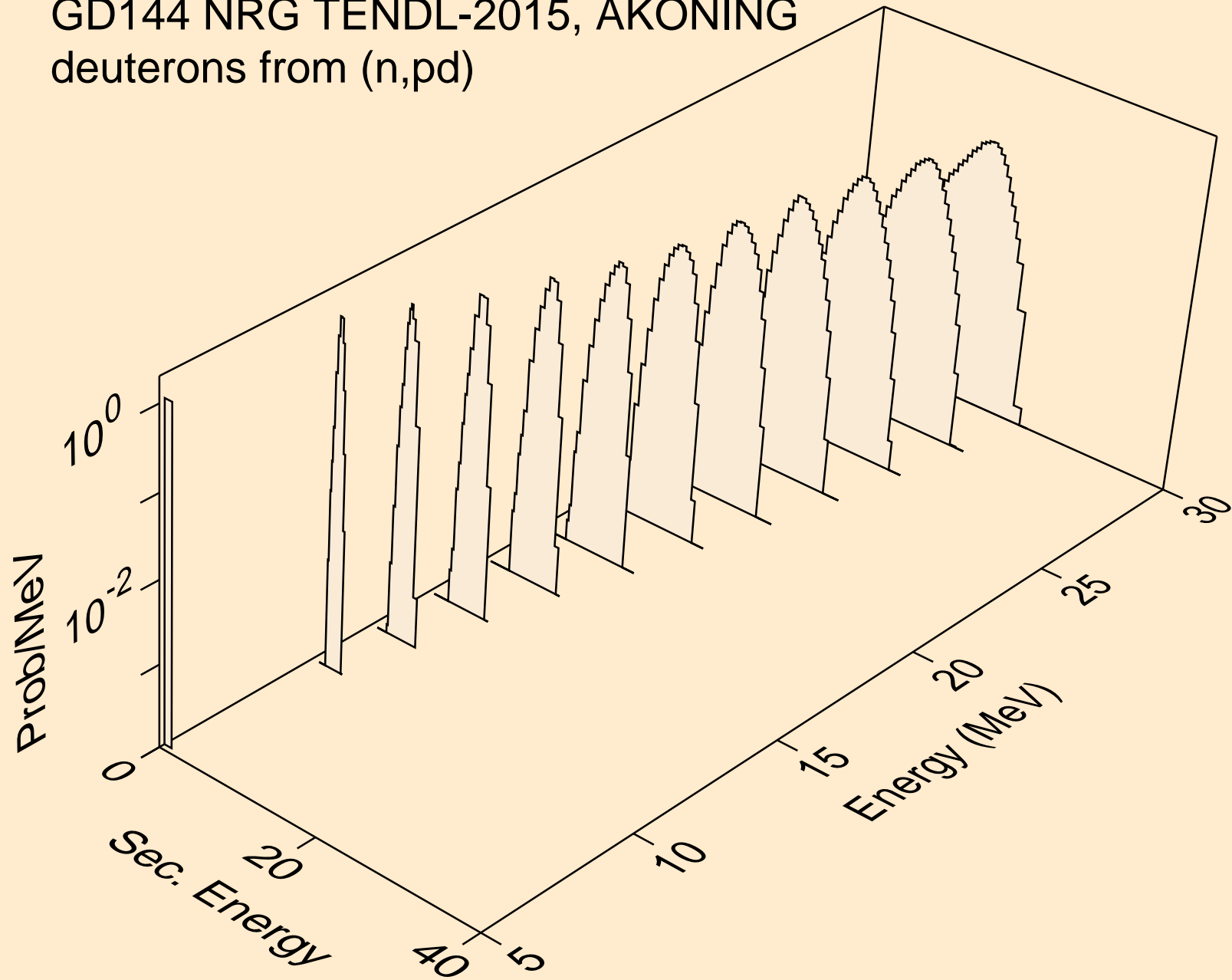


GD144 NRG TENDL-2015, AKONING  
deuterons from (n,d)

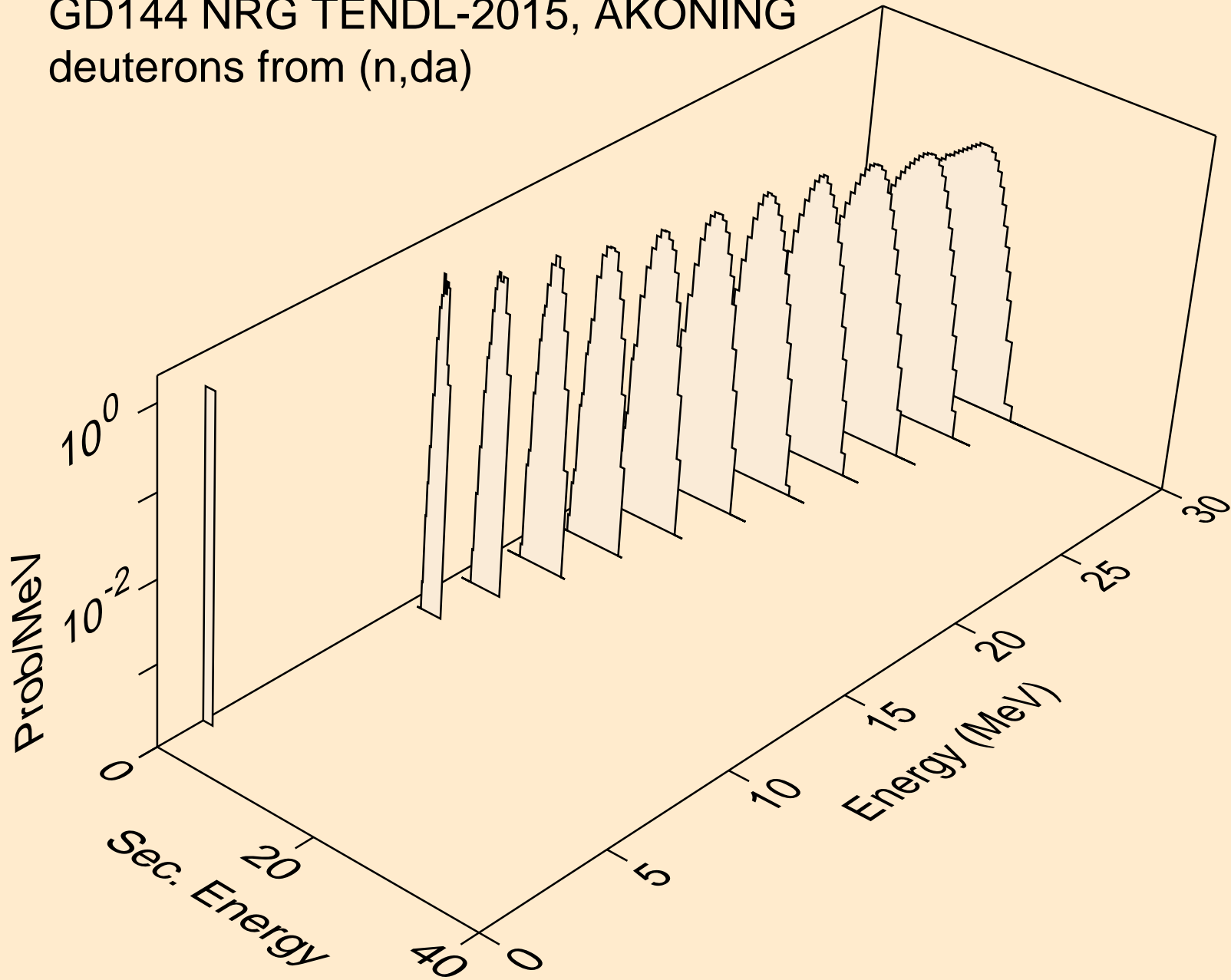




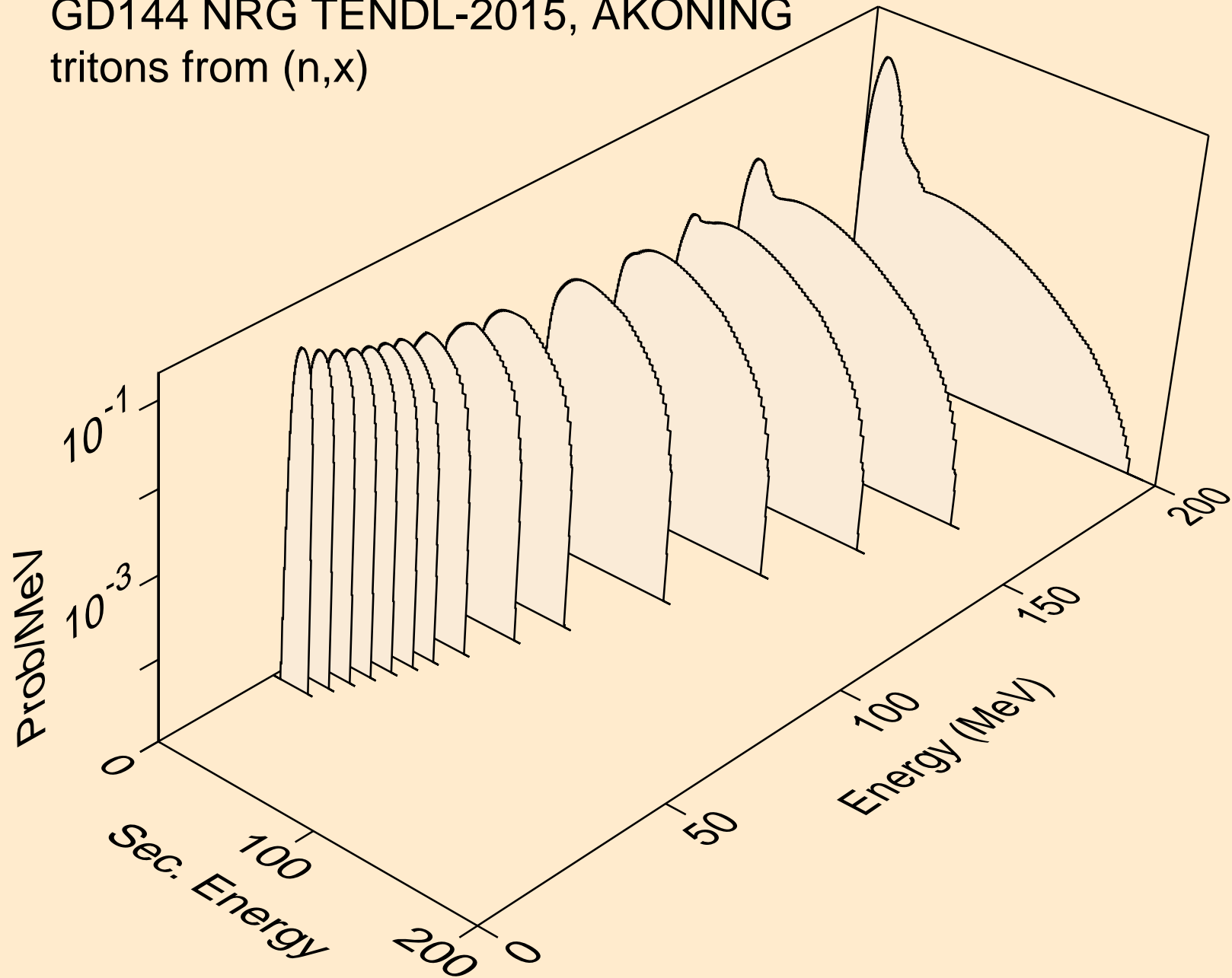
GD144 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



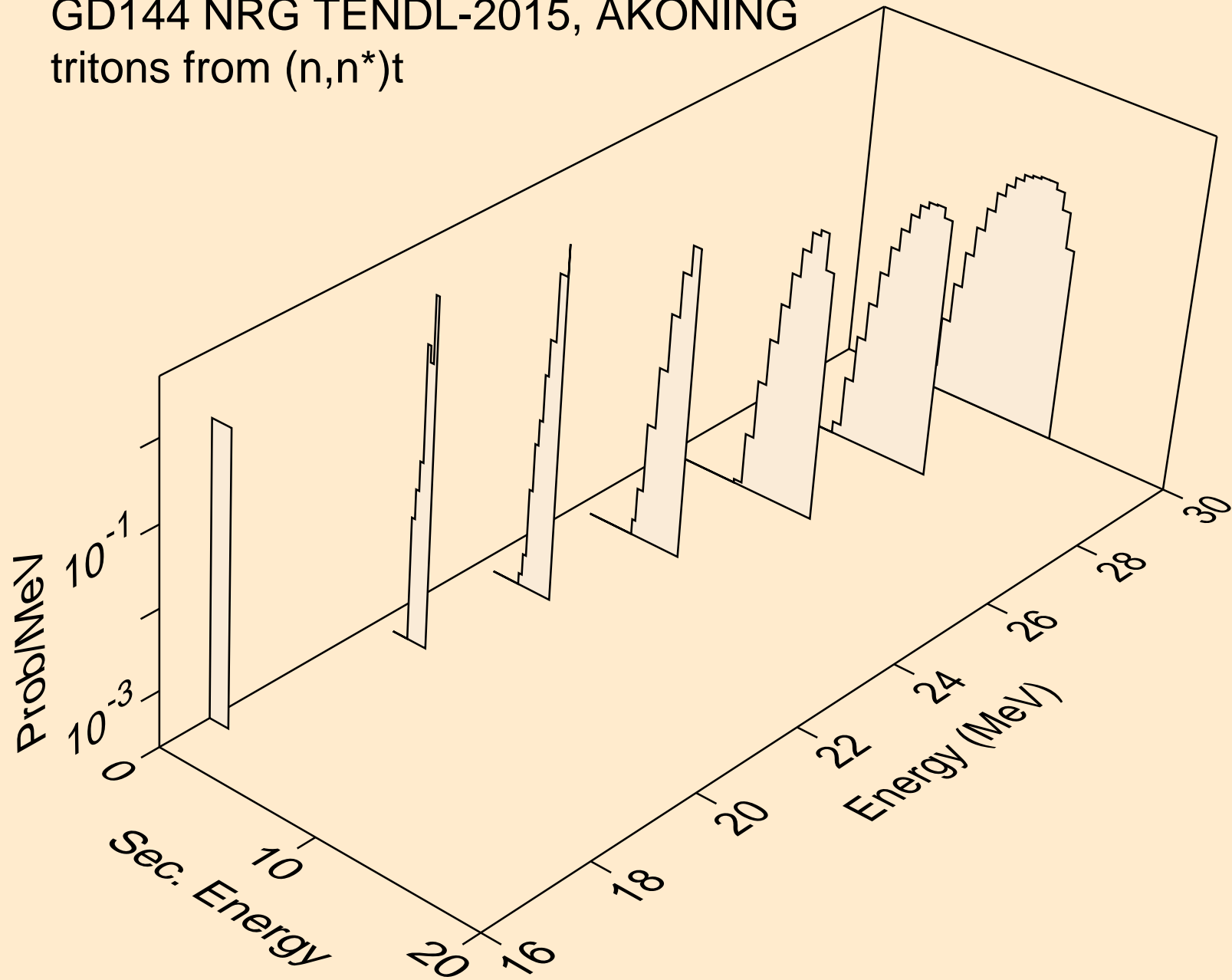
GD144 NRG TENDL-2015, AKONING  
deuterons from (n,da)



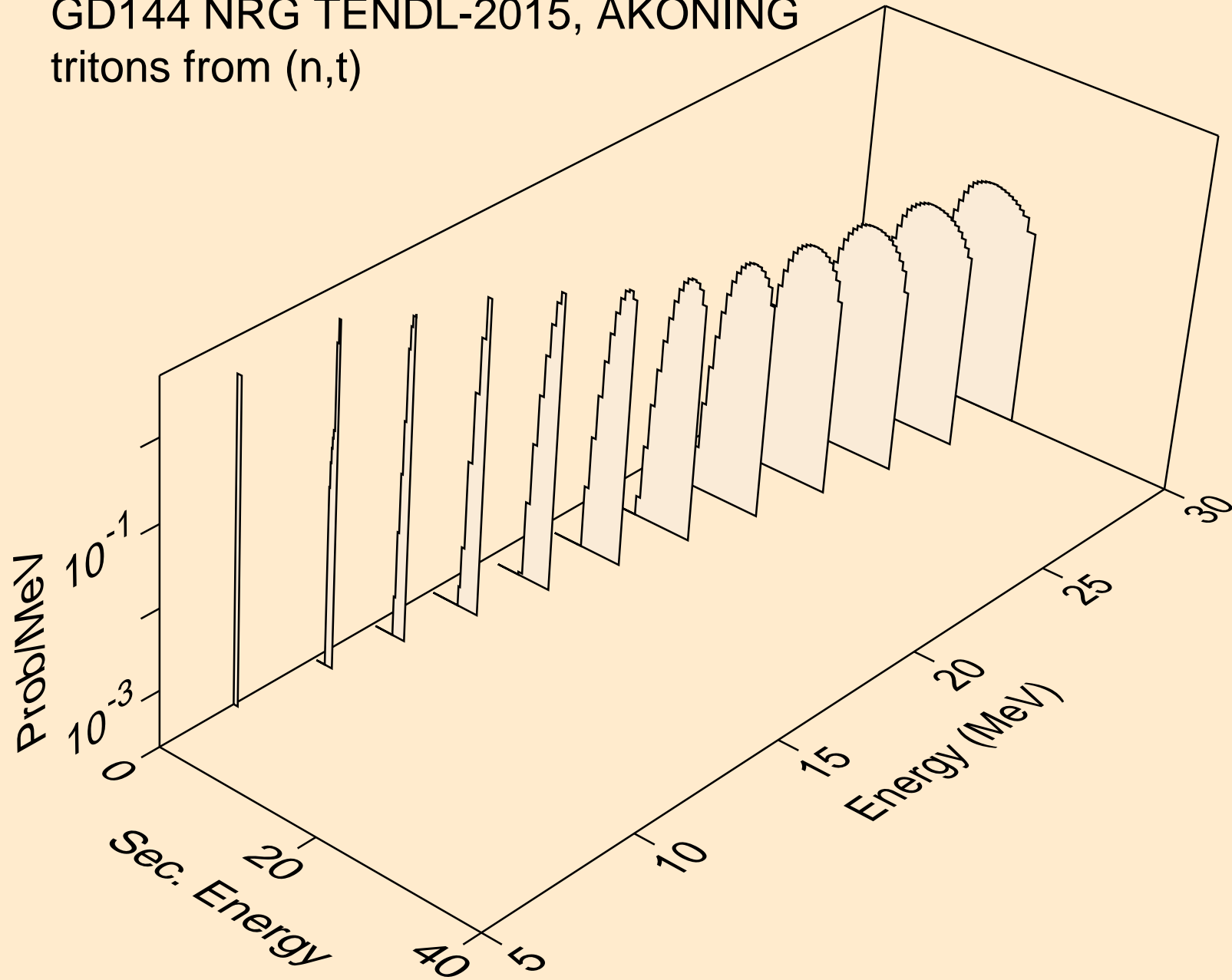
GD144 NRG TENDL-2015, AKONING  
tritons from (n,x)



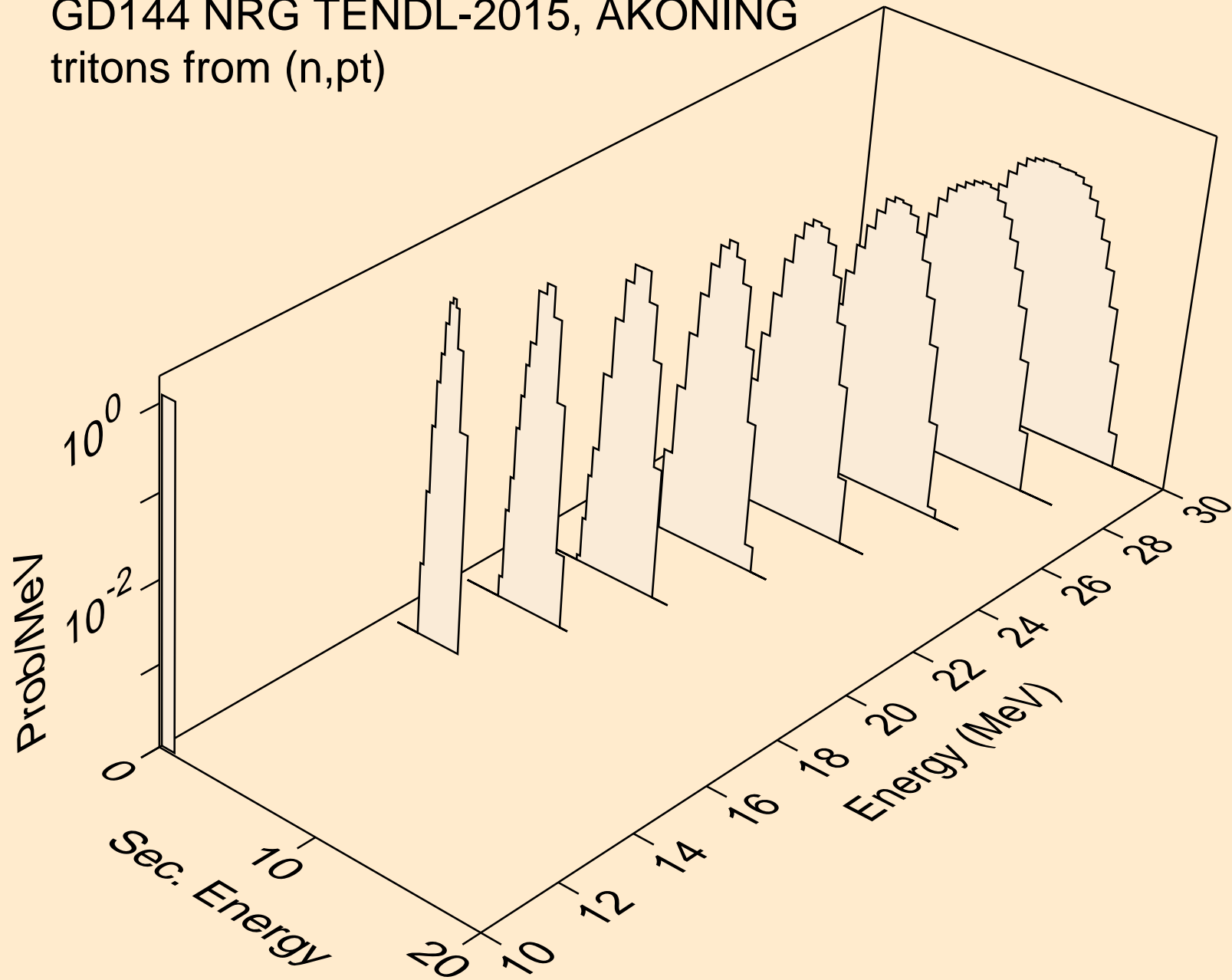
GD144 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



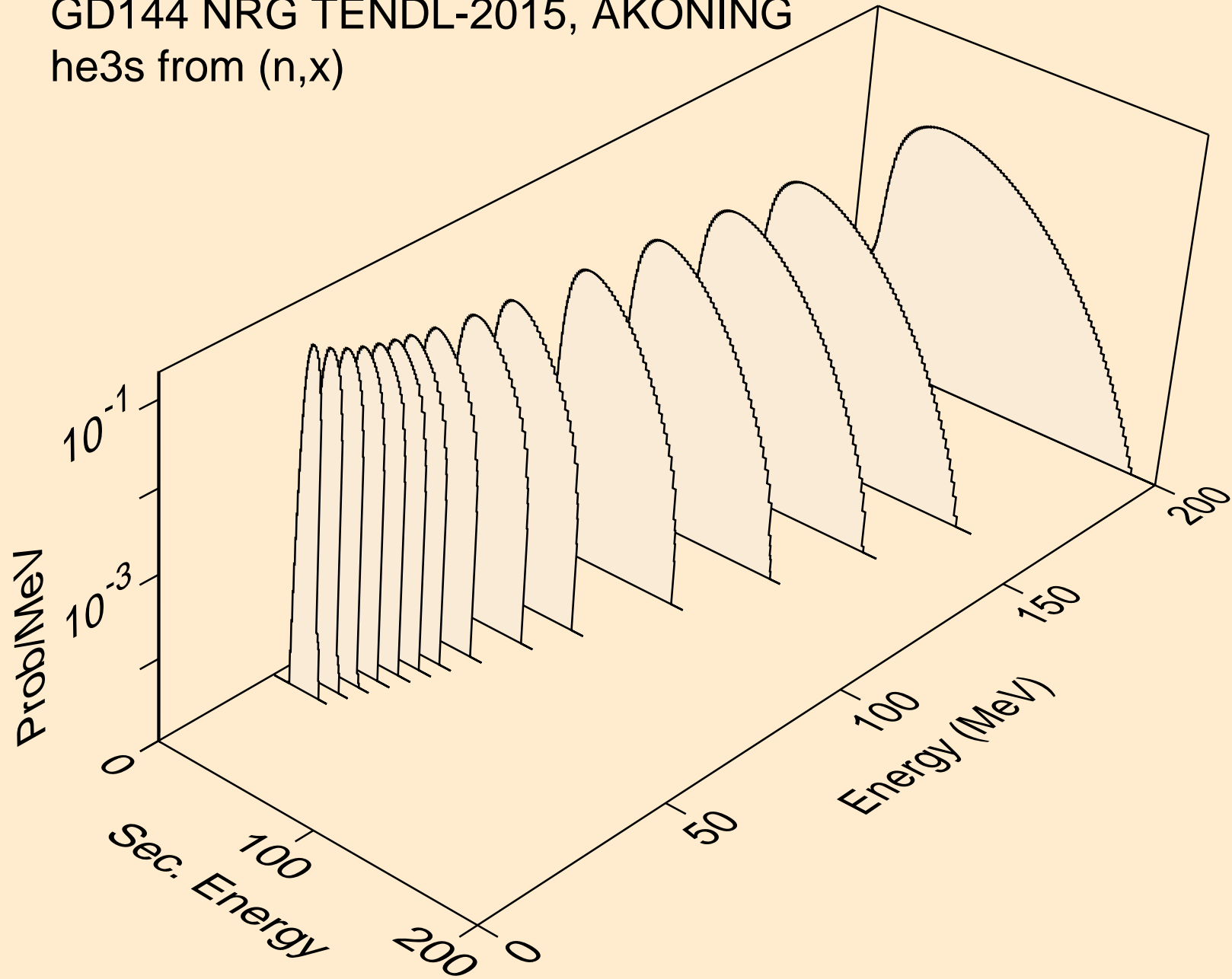
GD144 NRG TENDL-2015, AKONING  
tritons from (n,t)



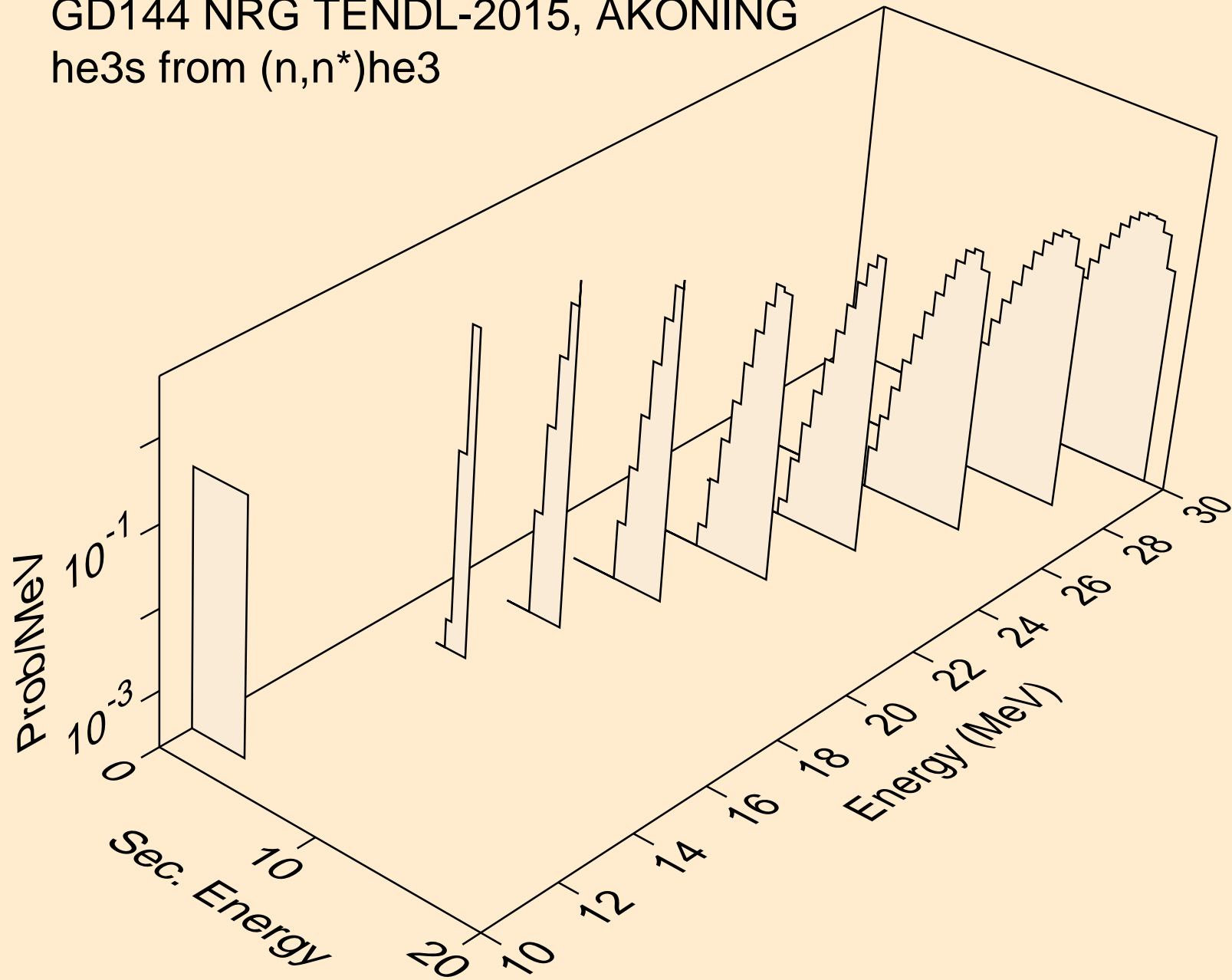
GD144 NRG TENDL-2015, AKONING  
tritons from (n,pt)



GD144 NRG TENDL-2015, AKONING  
he3s from (n,x)

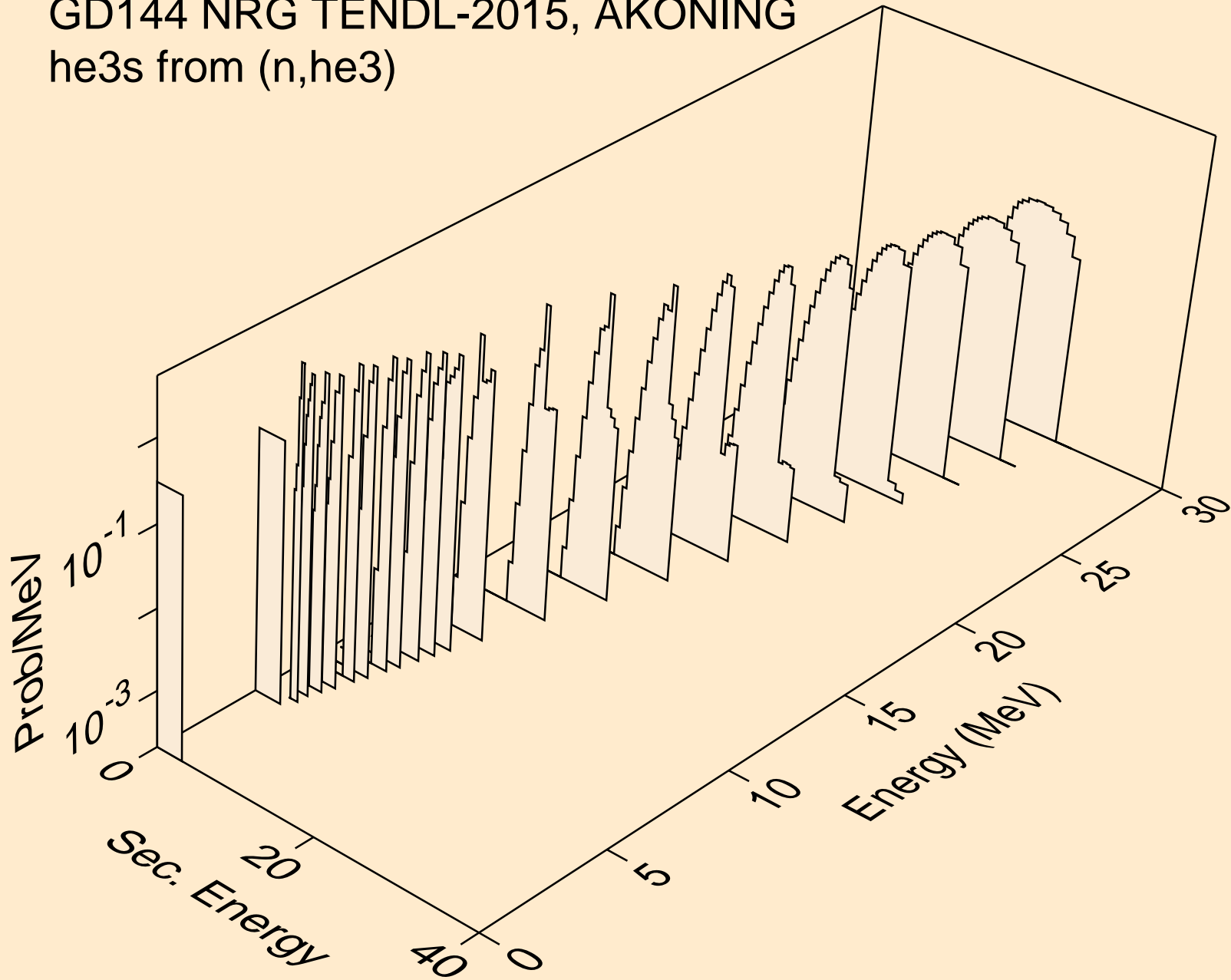


GD144 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

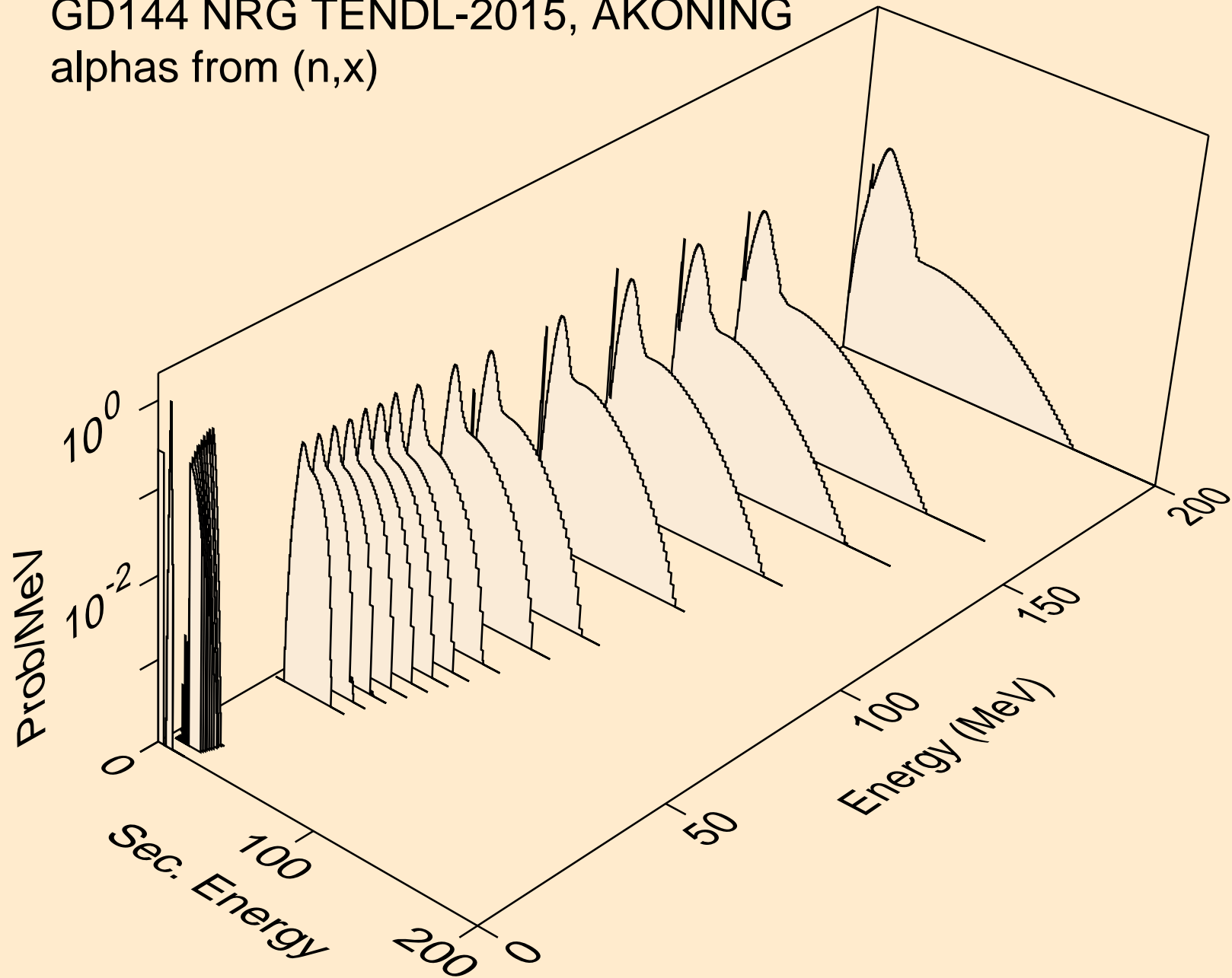




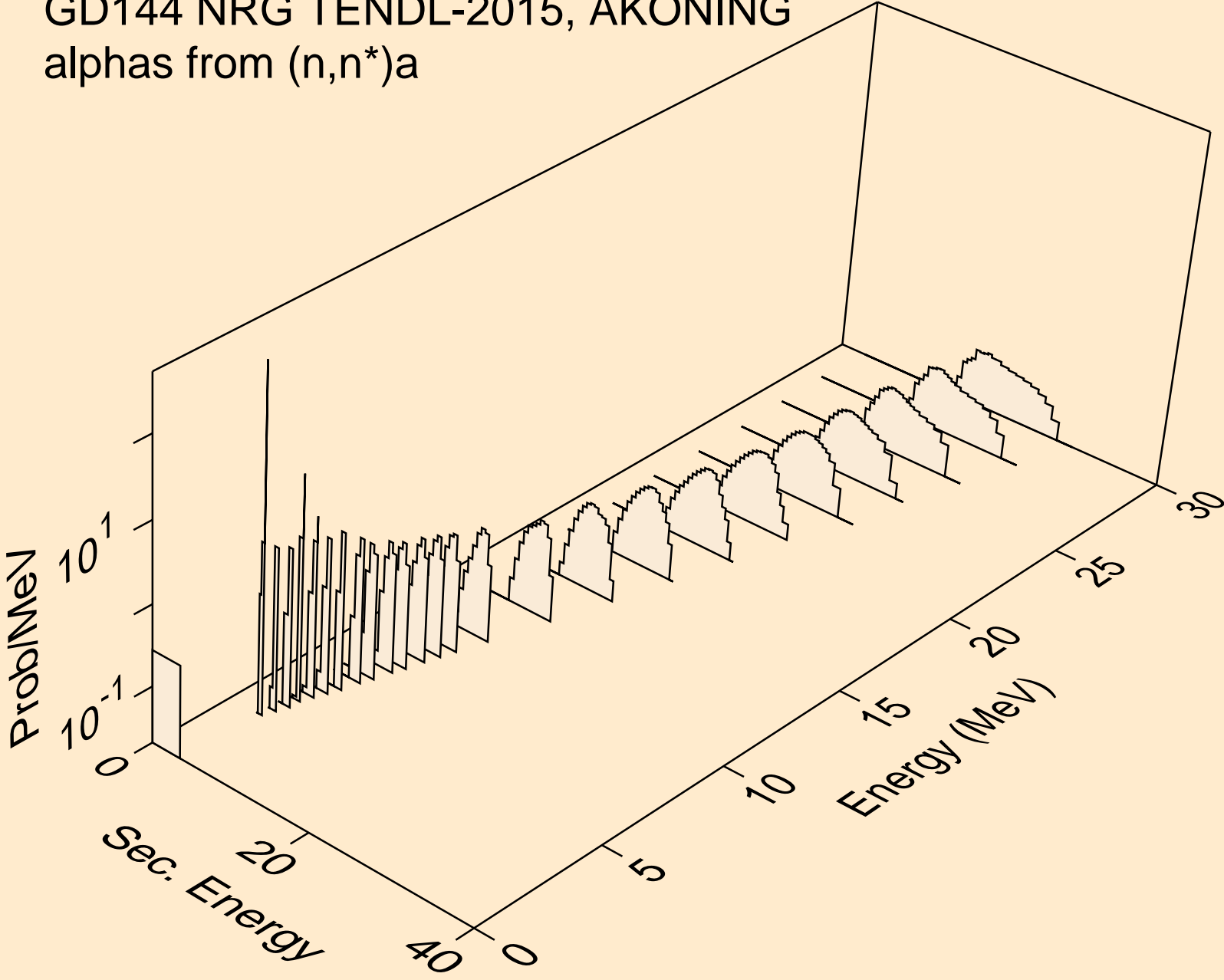
GD144 NRG TENDL-2015, AKONING  
he3s from (n,he3)



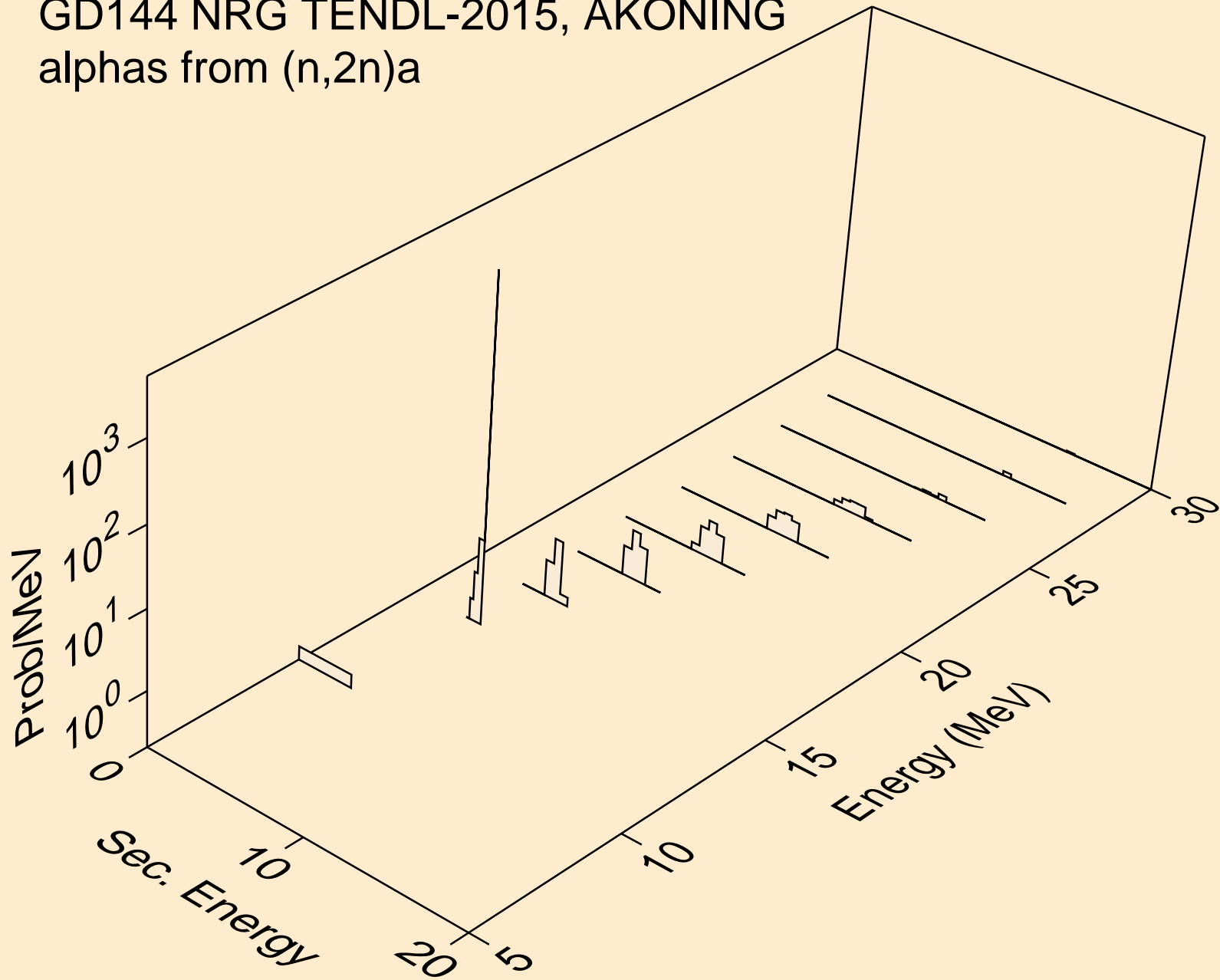
GD144 NRG TENDL-2015, AKONING  
alphas from (n,x)



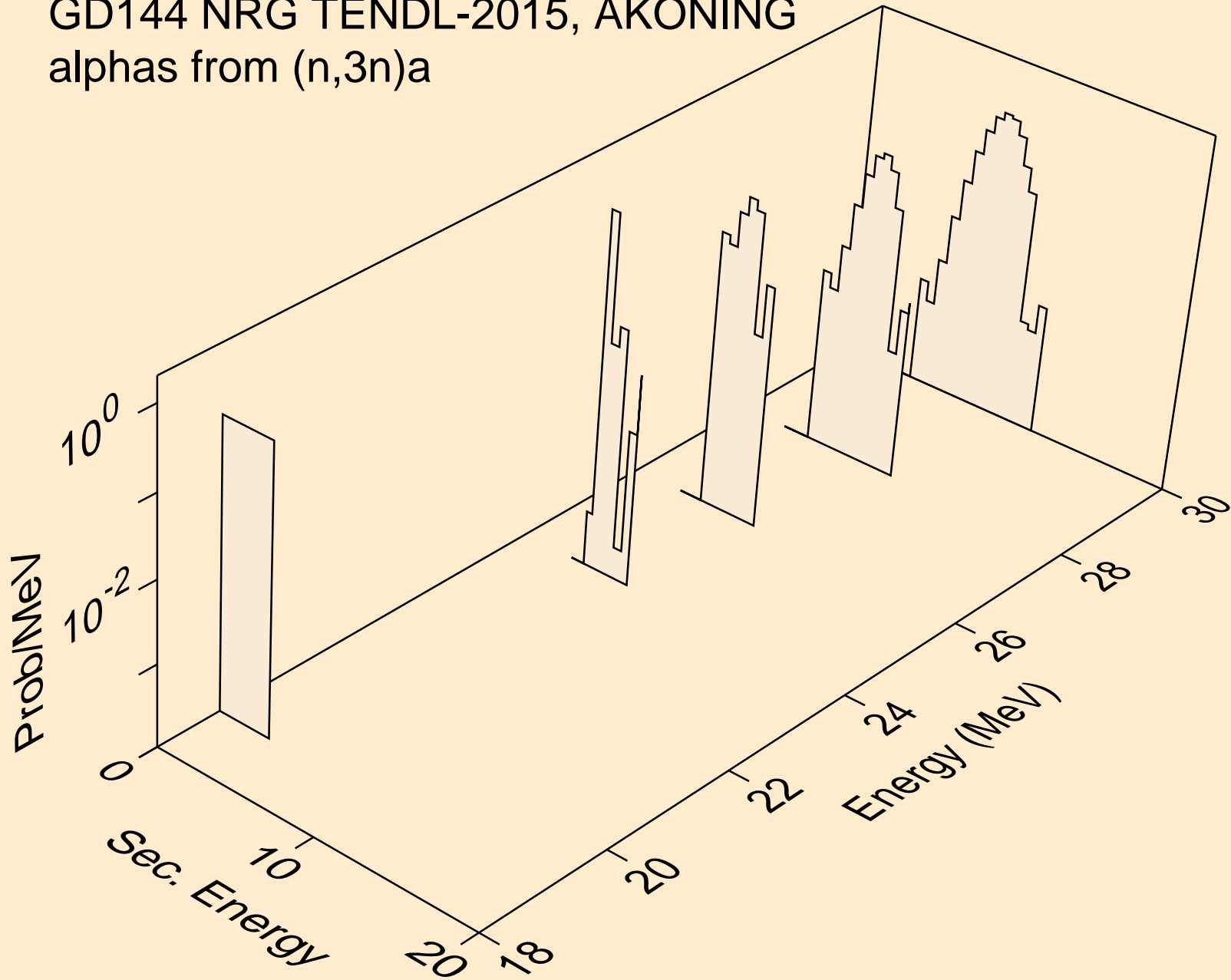
GD144 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



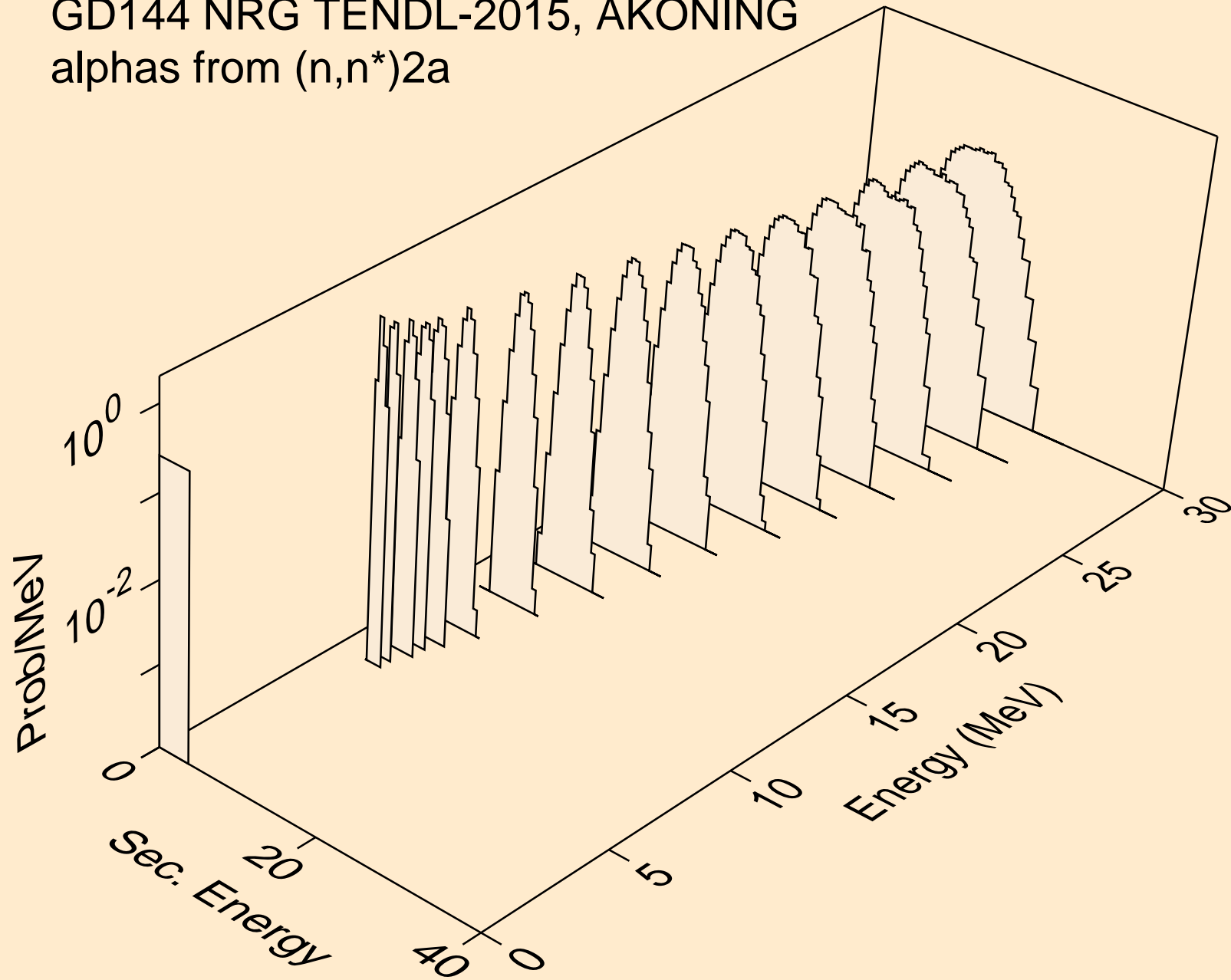
GD144 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



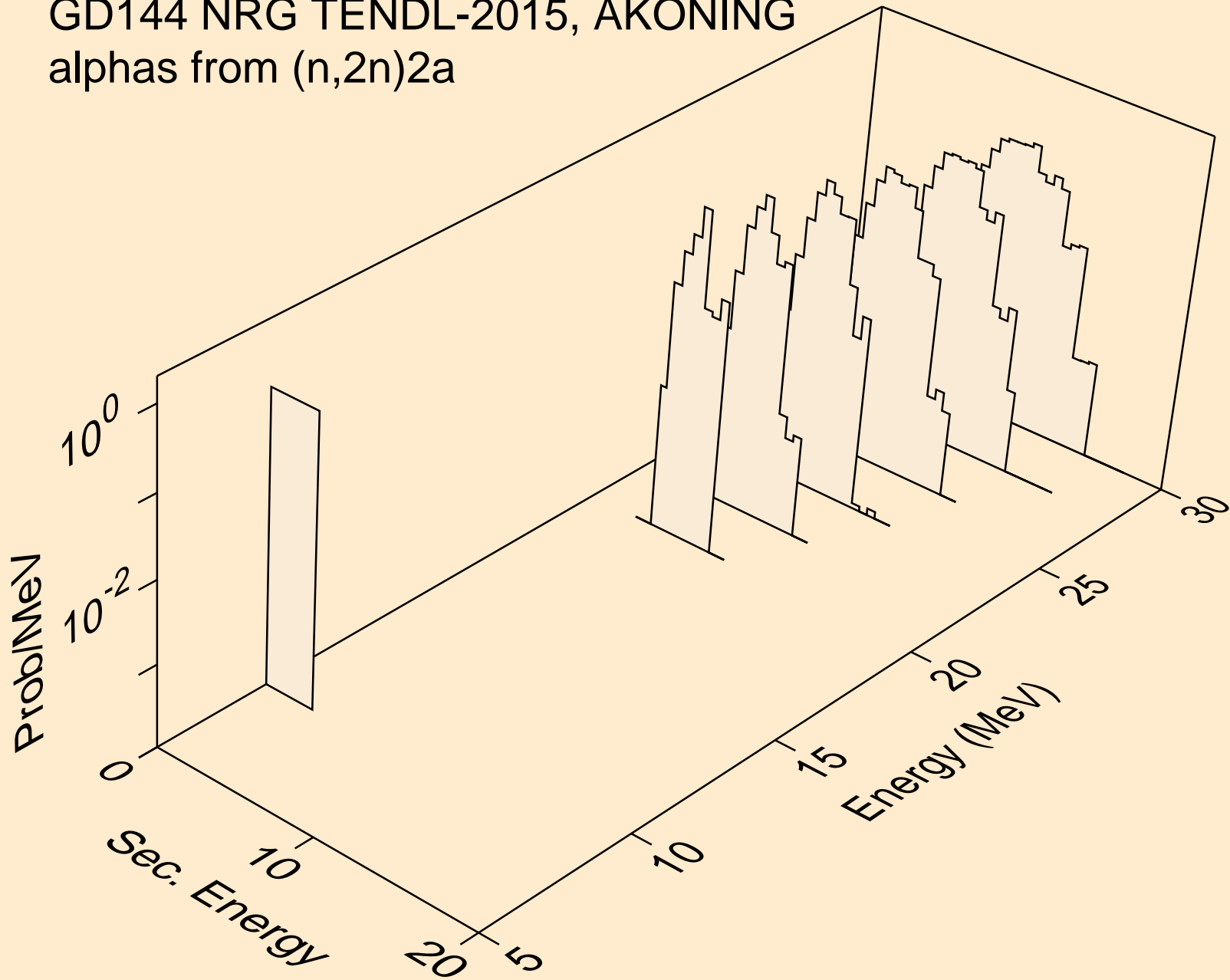
GD144 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



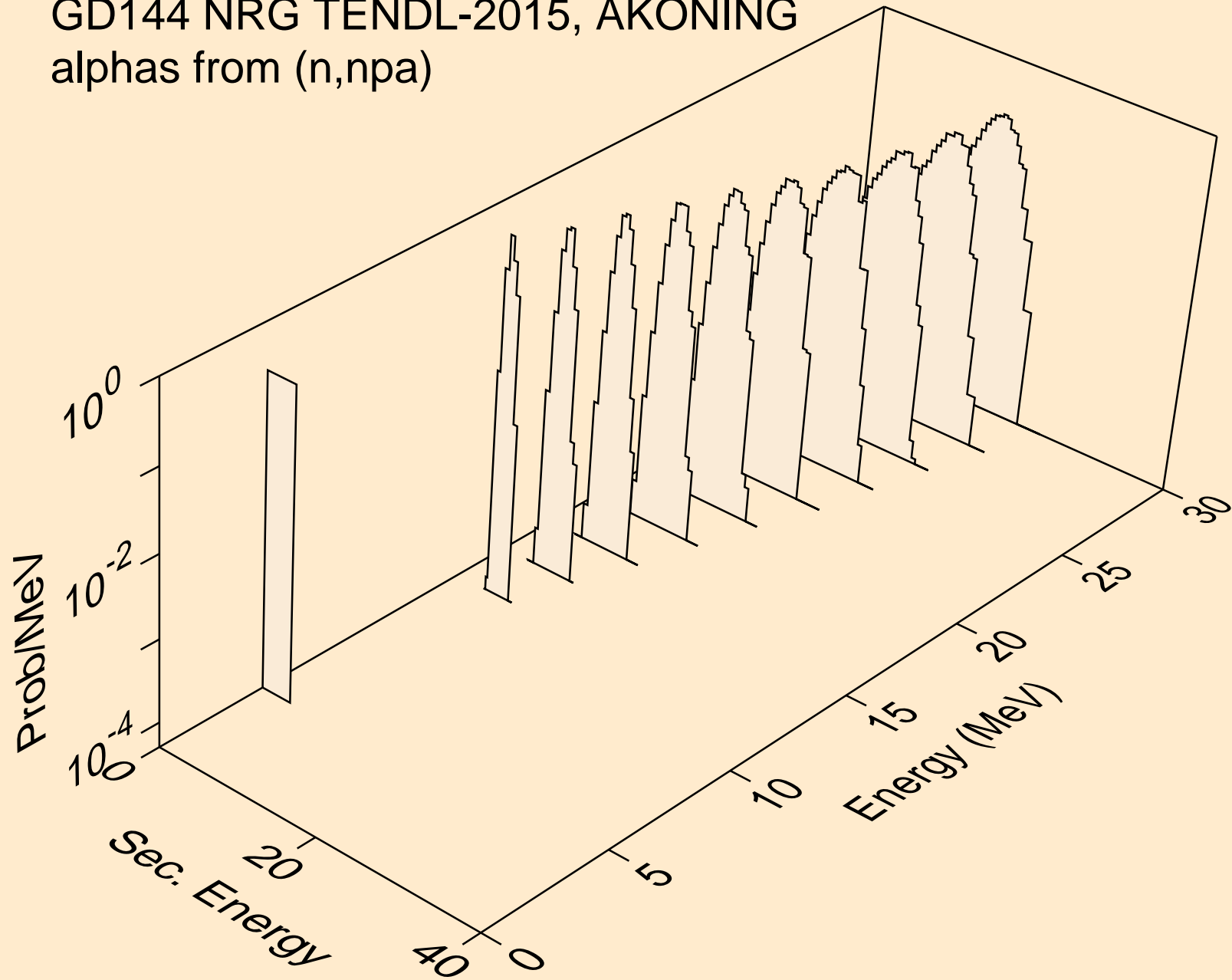
GD144 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



GD144 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

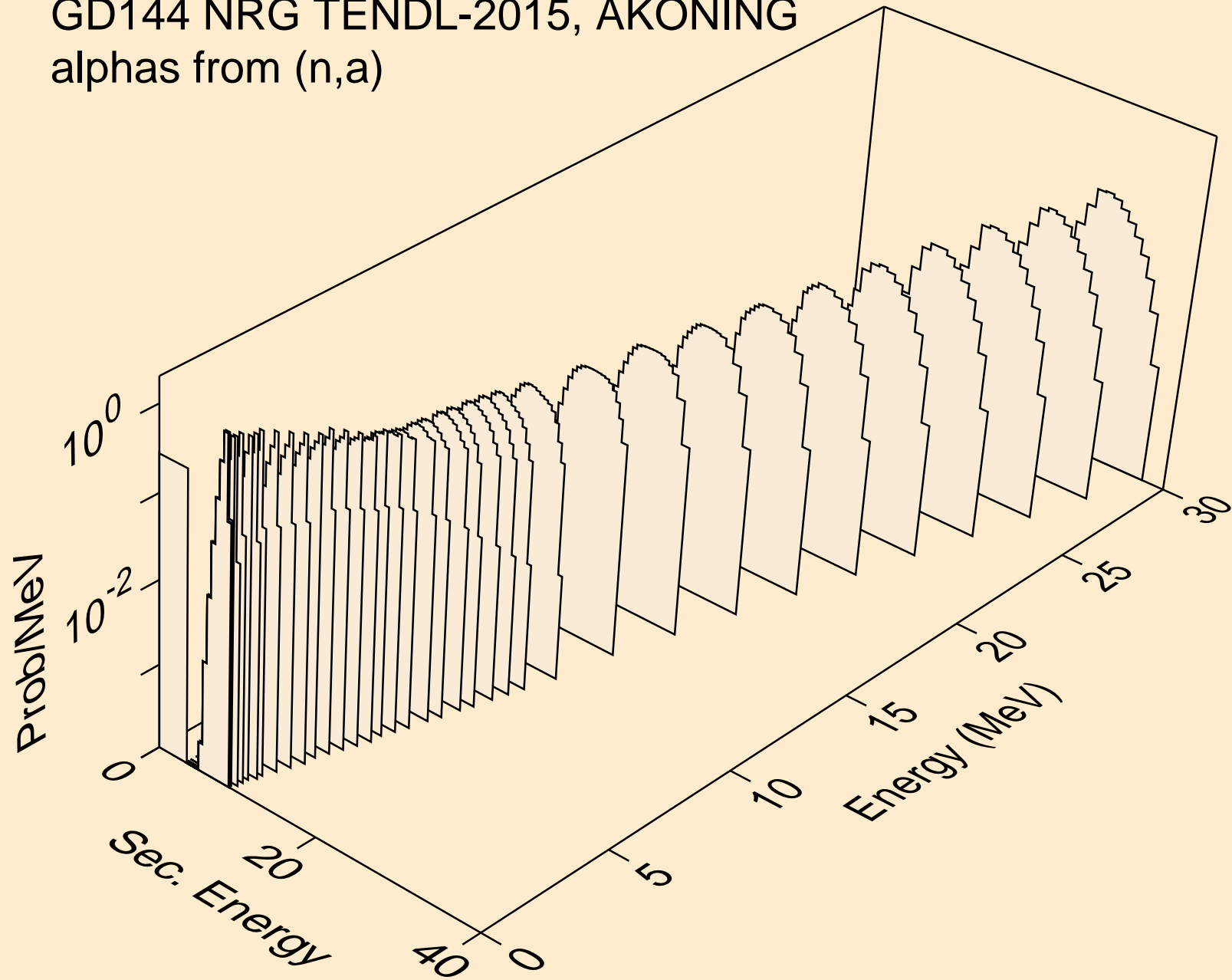


GD144 NRG TENDL-2015, AKONING  
alphas from (n,npa)

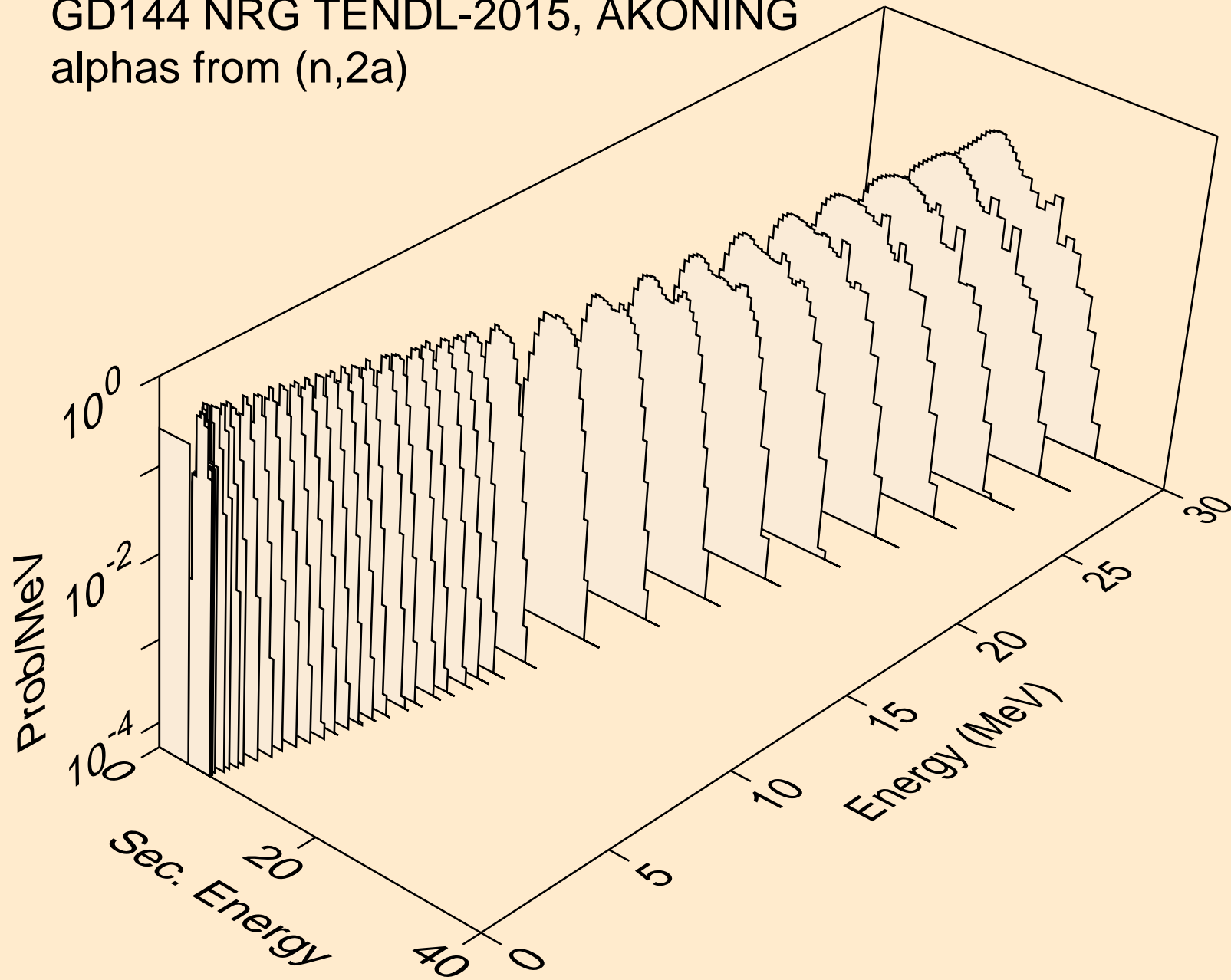




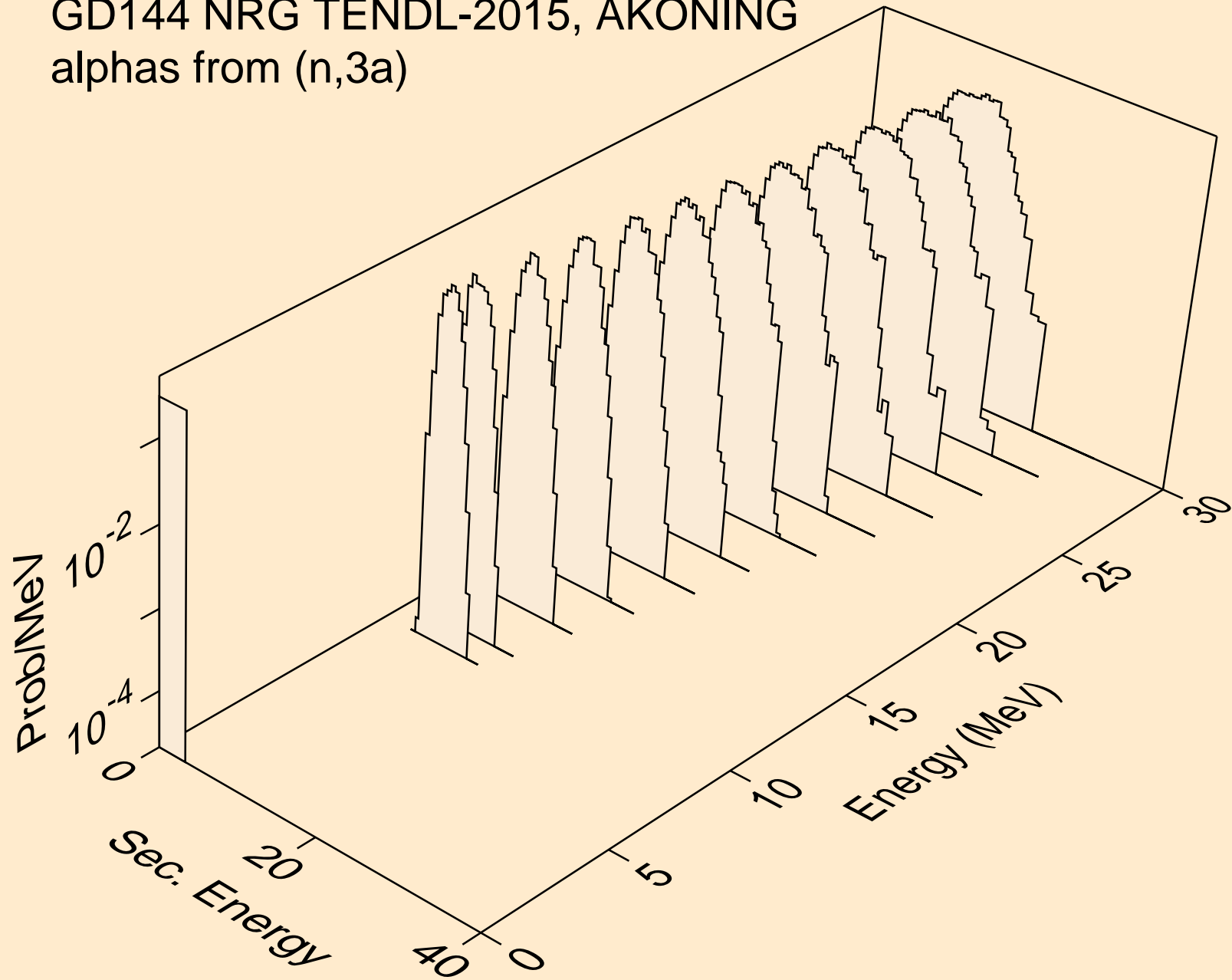
GD144 NRG TENDL-2015, AKONING  
alphas from (n,a)



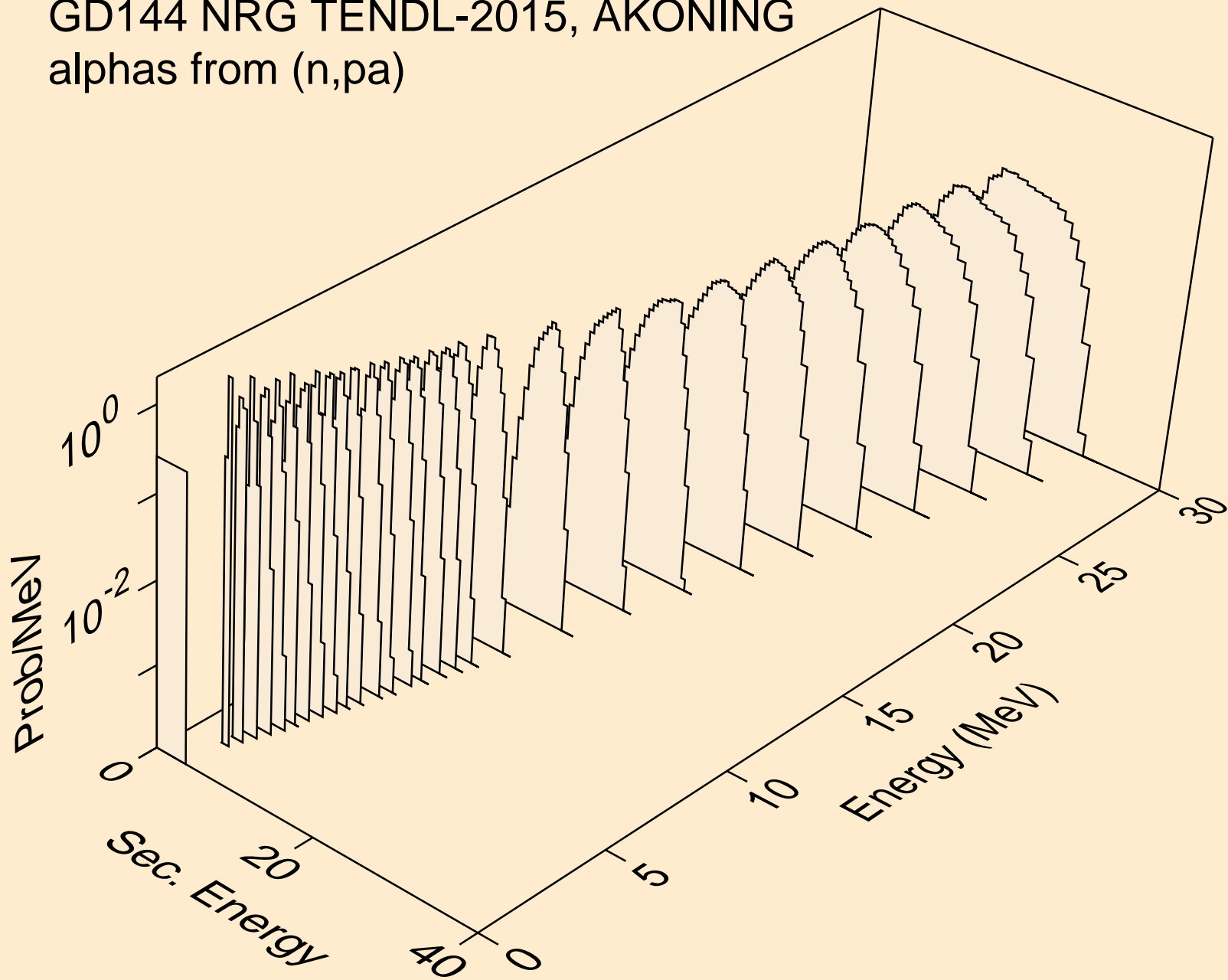
GD144 NRG TENDL-2015, AKONING  
alphas from (n,2a)



GD144 NRG TENDL-2015, AKONING  
alphas from (n,3a)



GD144 NRG TENDL-2015, AKONING  
alphas from (n,pa)



GD144 NRG TENDL-2015, AKONING  
alphas from (n,da)

