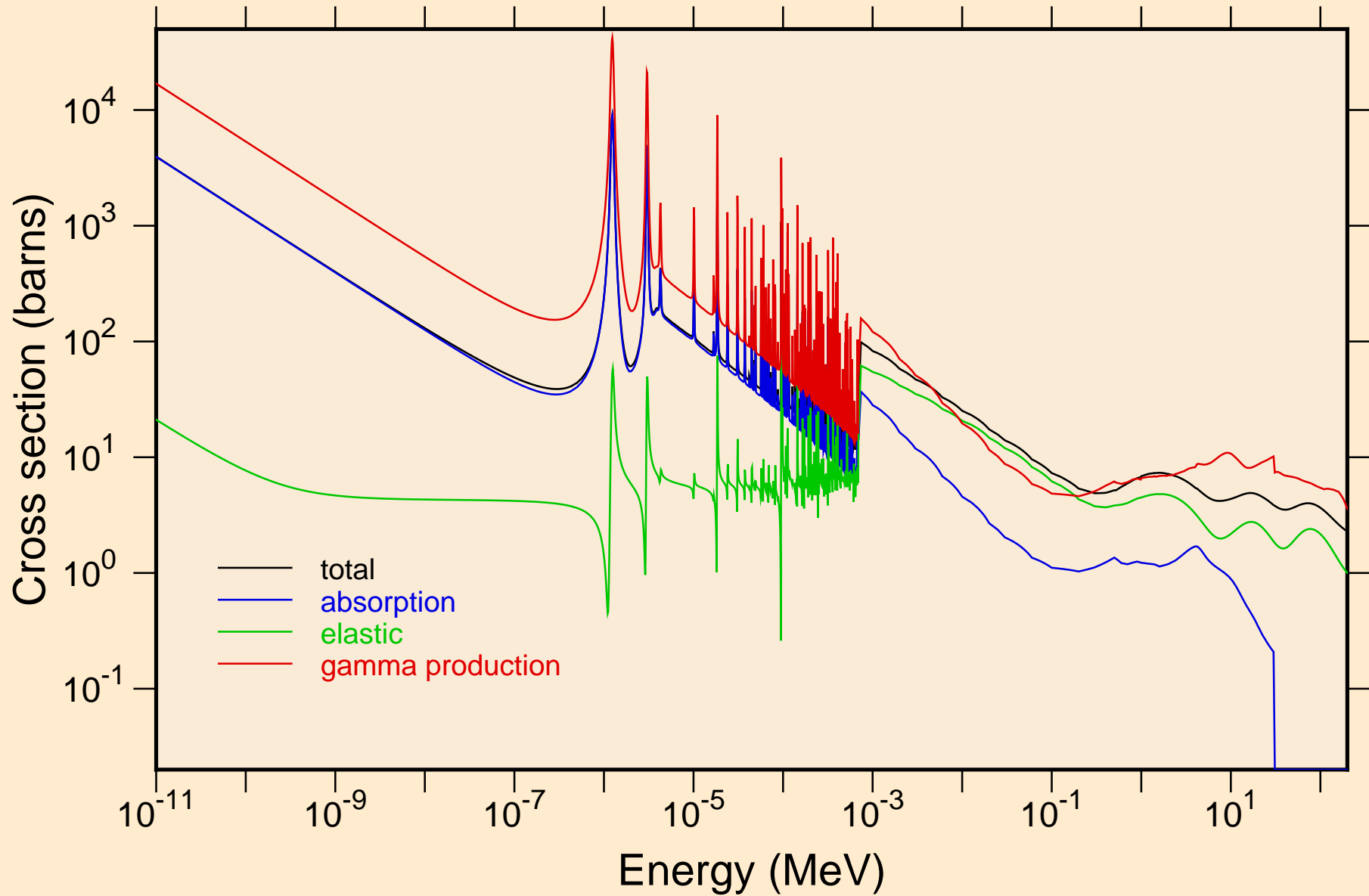
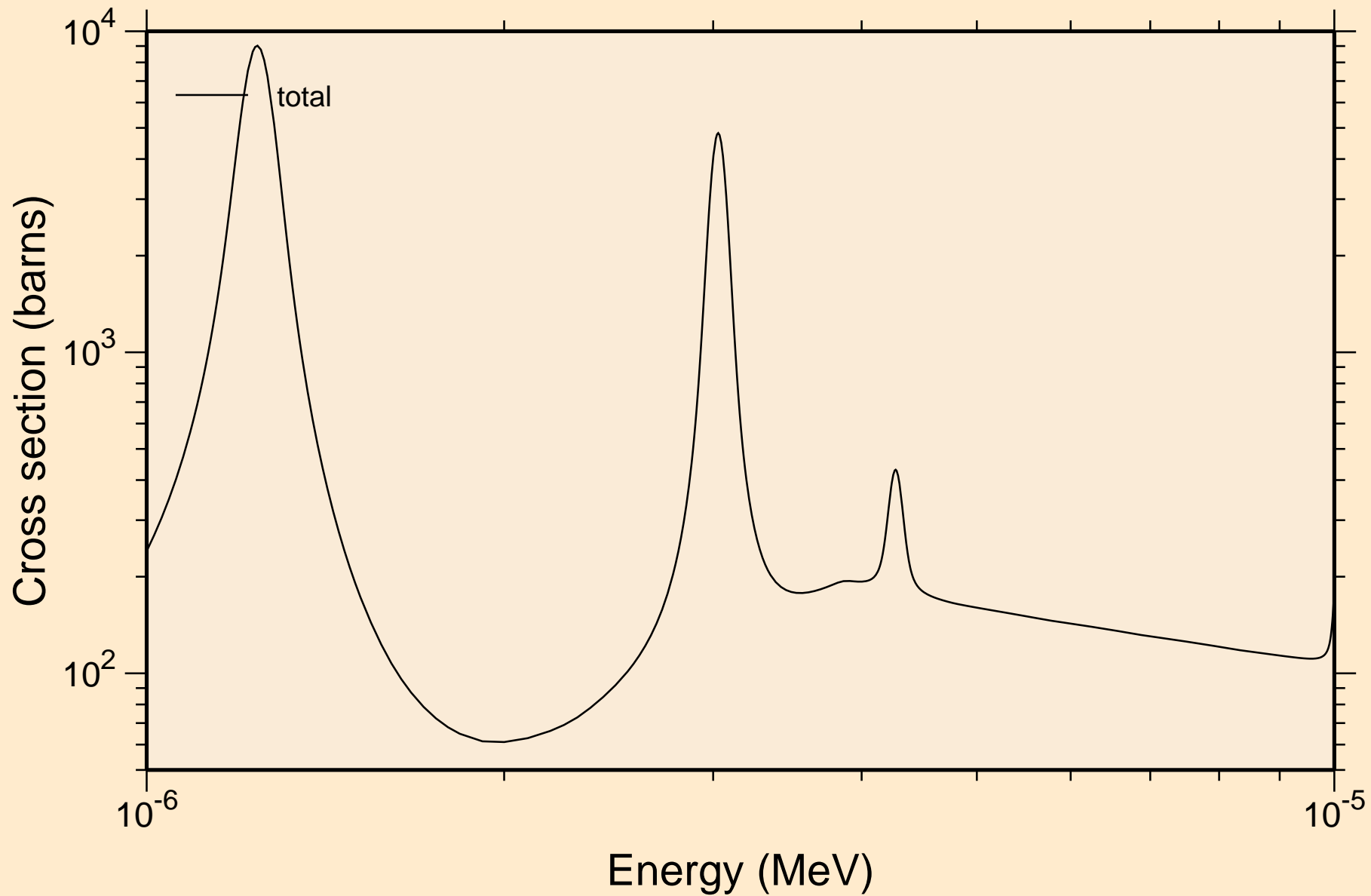


# GD142 NRG TENDL-2015, AKONING

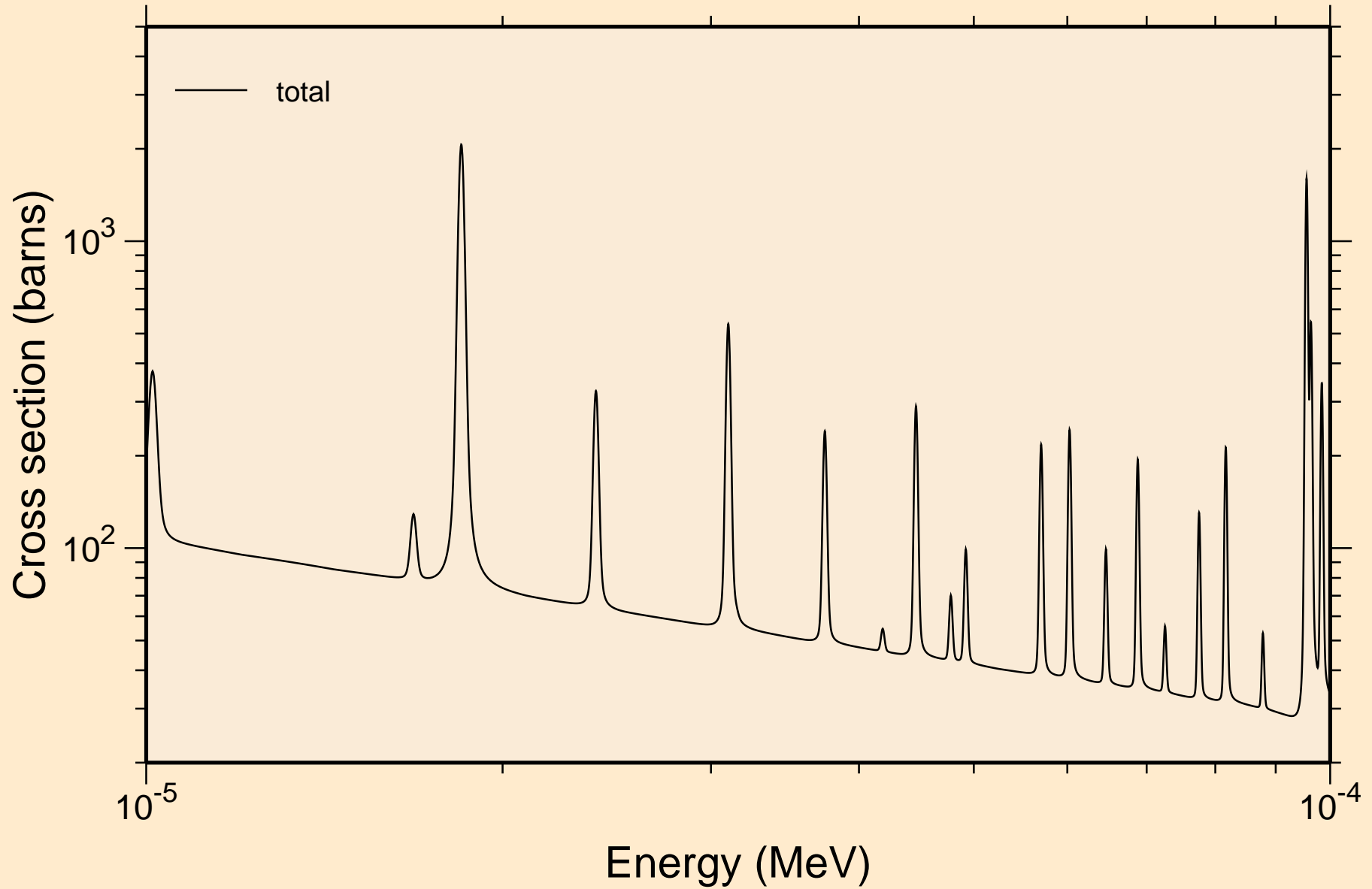
## Principal cross sections



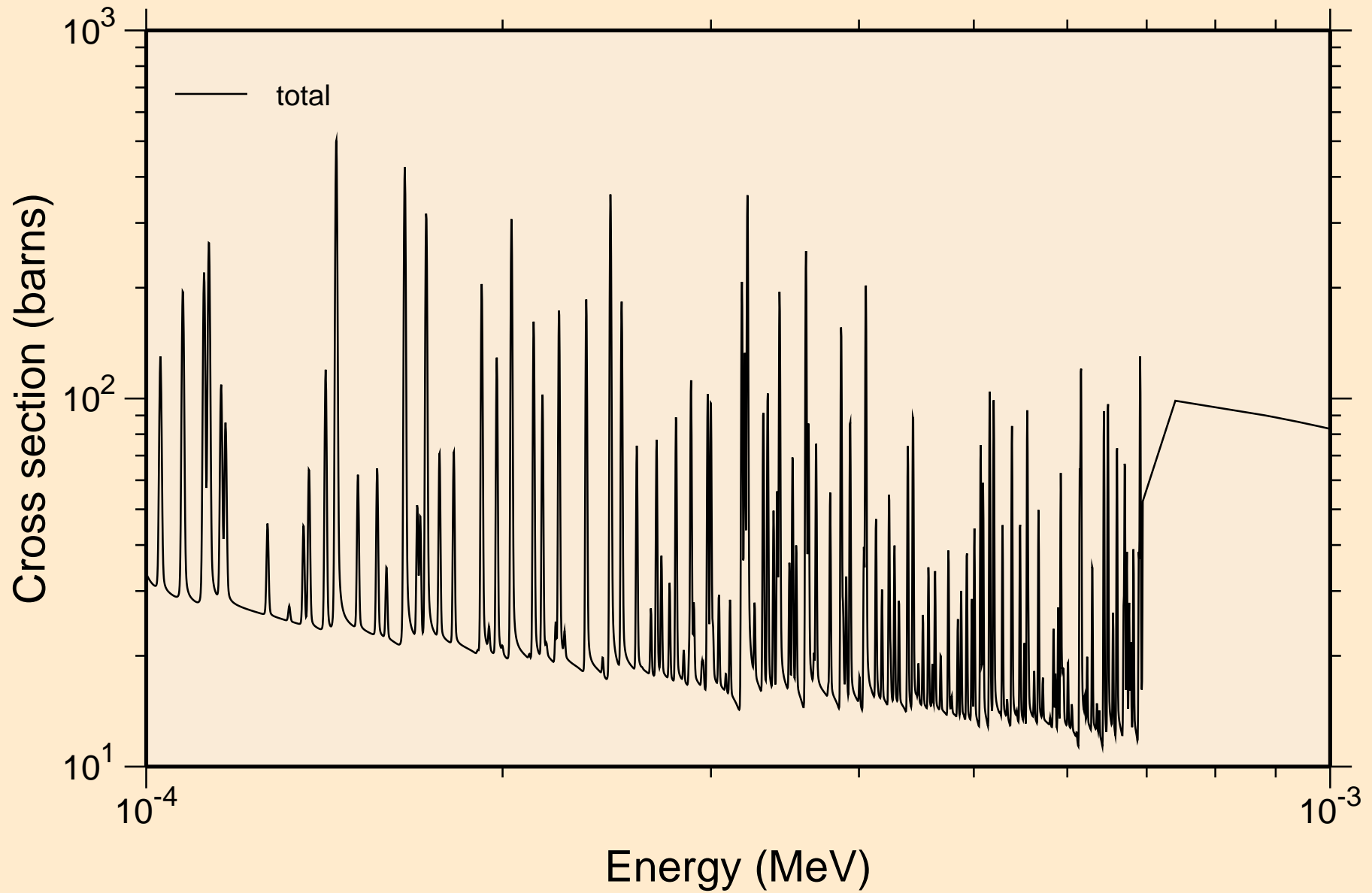
GD142 NRG TENDL-2015, AKONING  
resonance total cross section



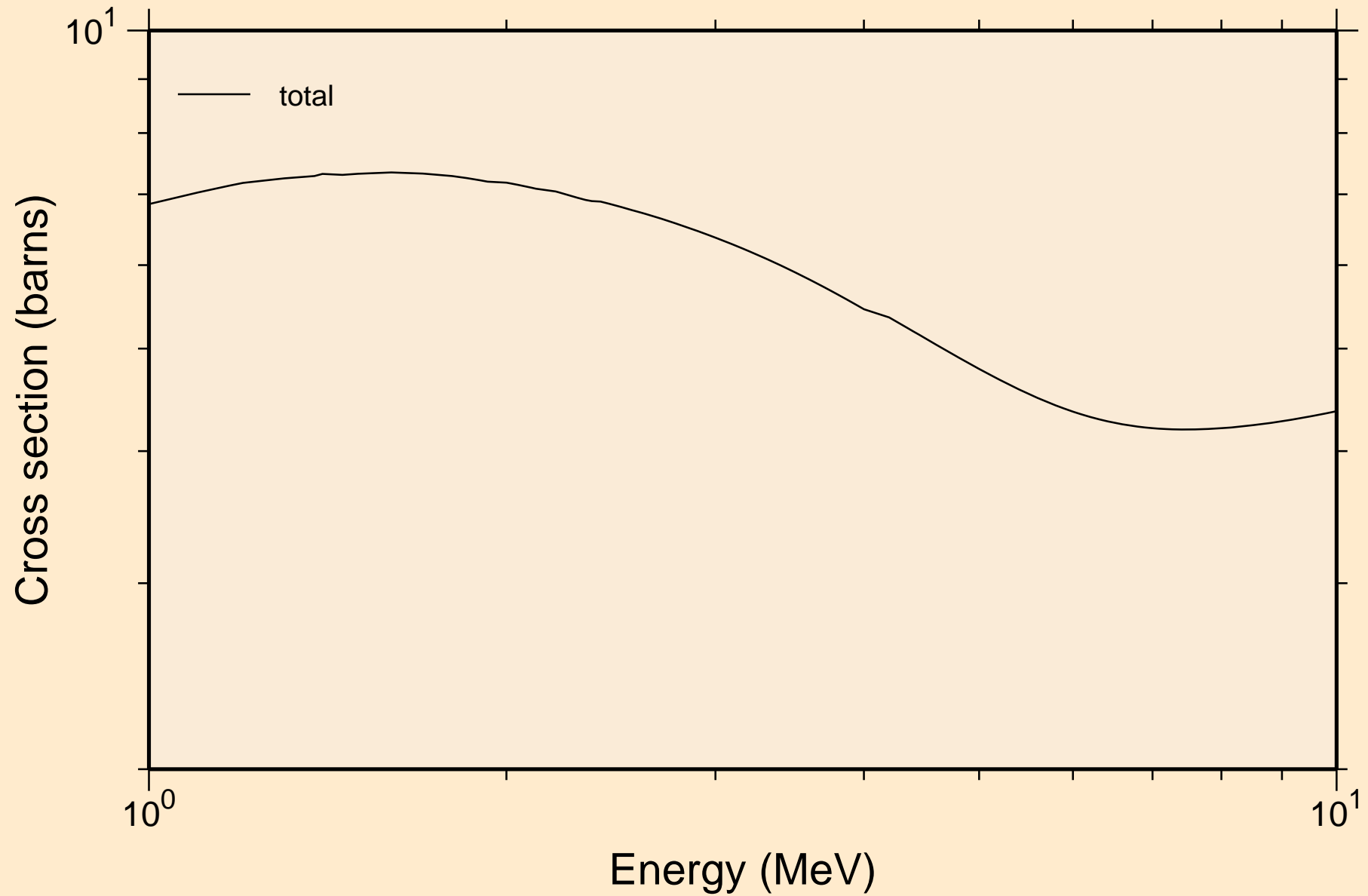
GD142 NRG TENDL-2015, AKONING  
resonance total cross section



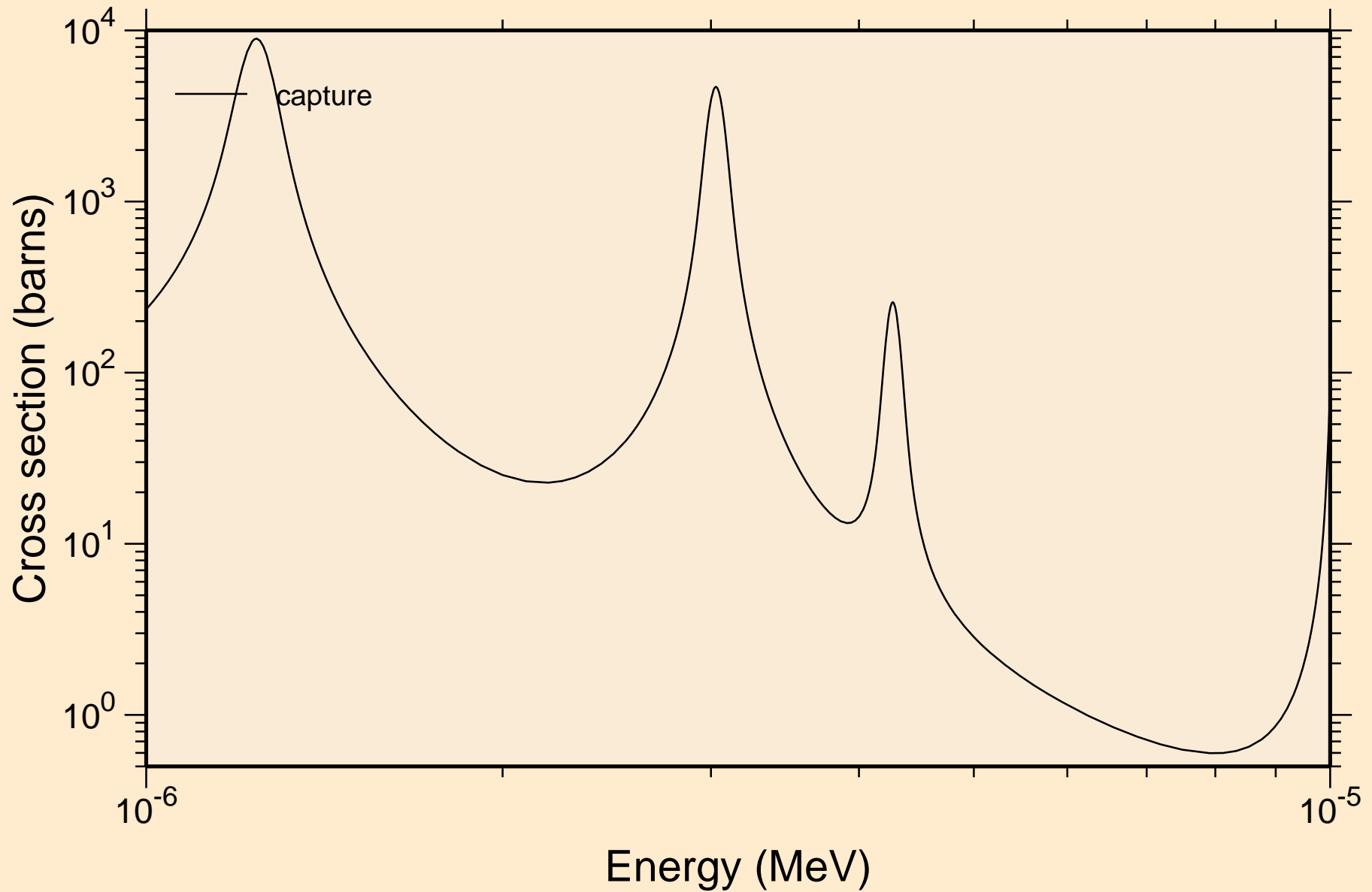
GD142 NRG TENDL-2015, AKONING  
resonance total cross section



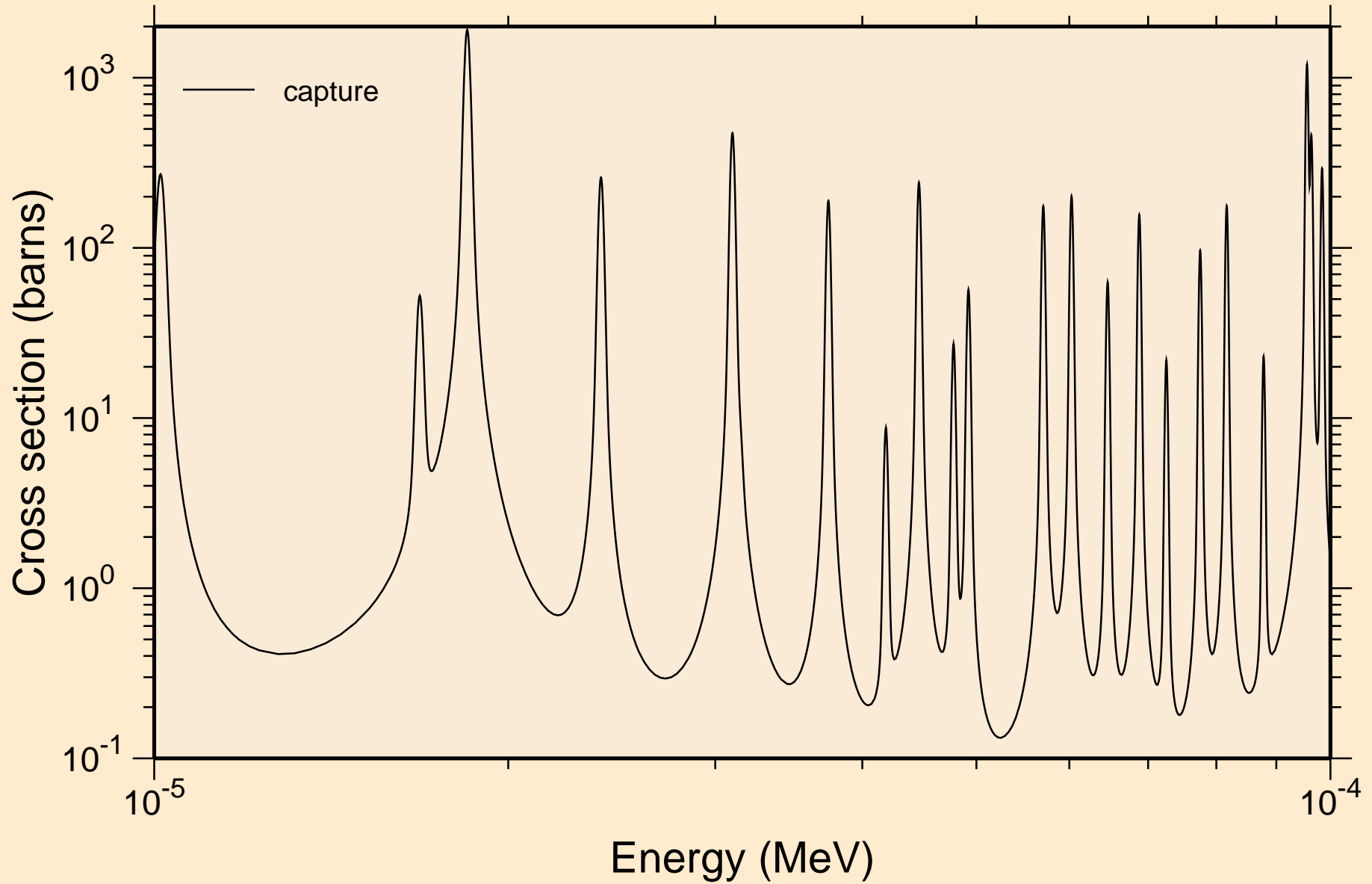
GD142 NRG TENDL-2015, AKONING  
resonance total cross section



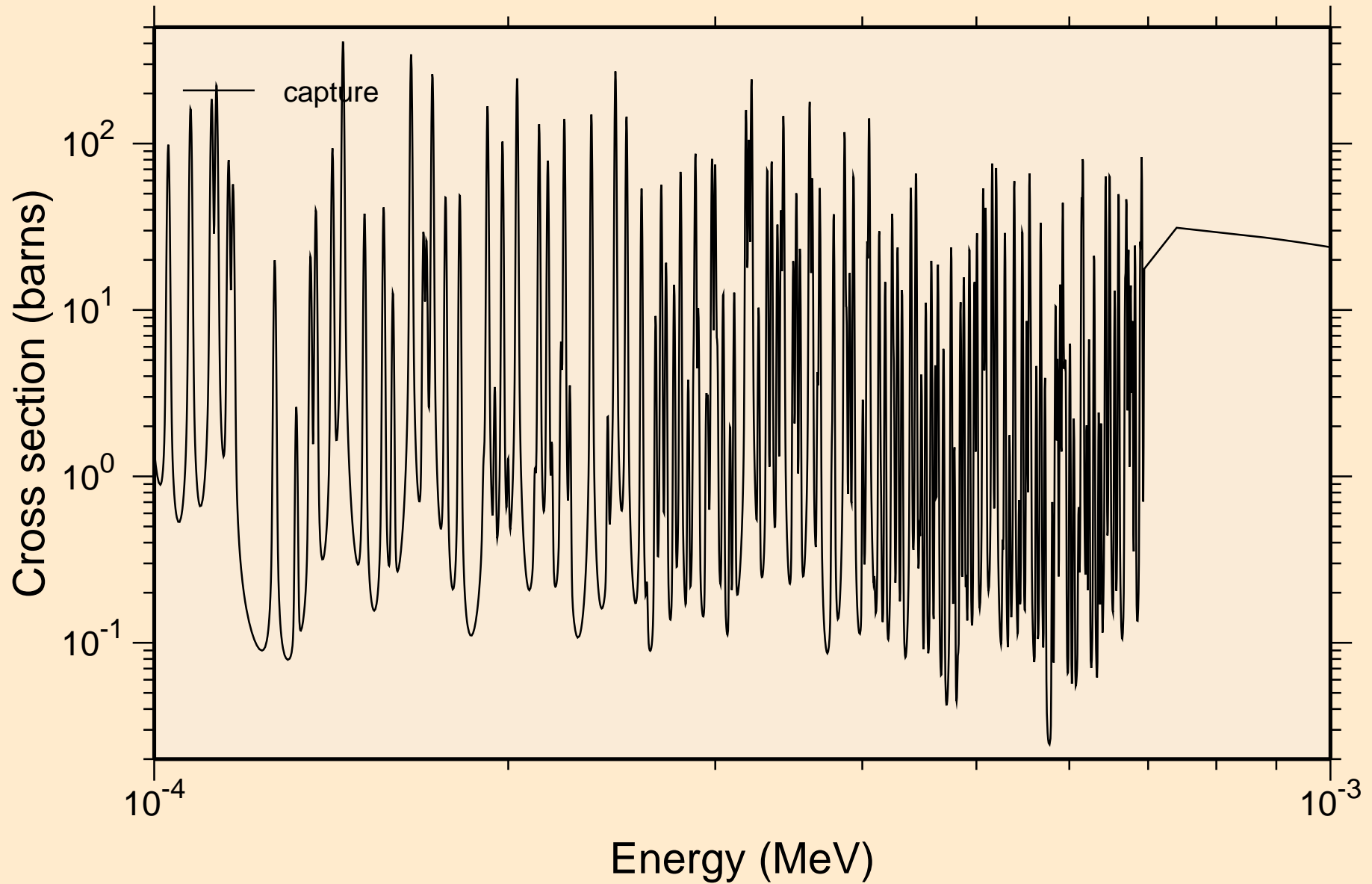
# GD142 NRG TENDL-2015, AKONING resonance absorption cross sections



# GD142 NRG TENDL-2015, AKONING resonance absorption cross sections

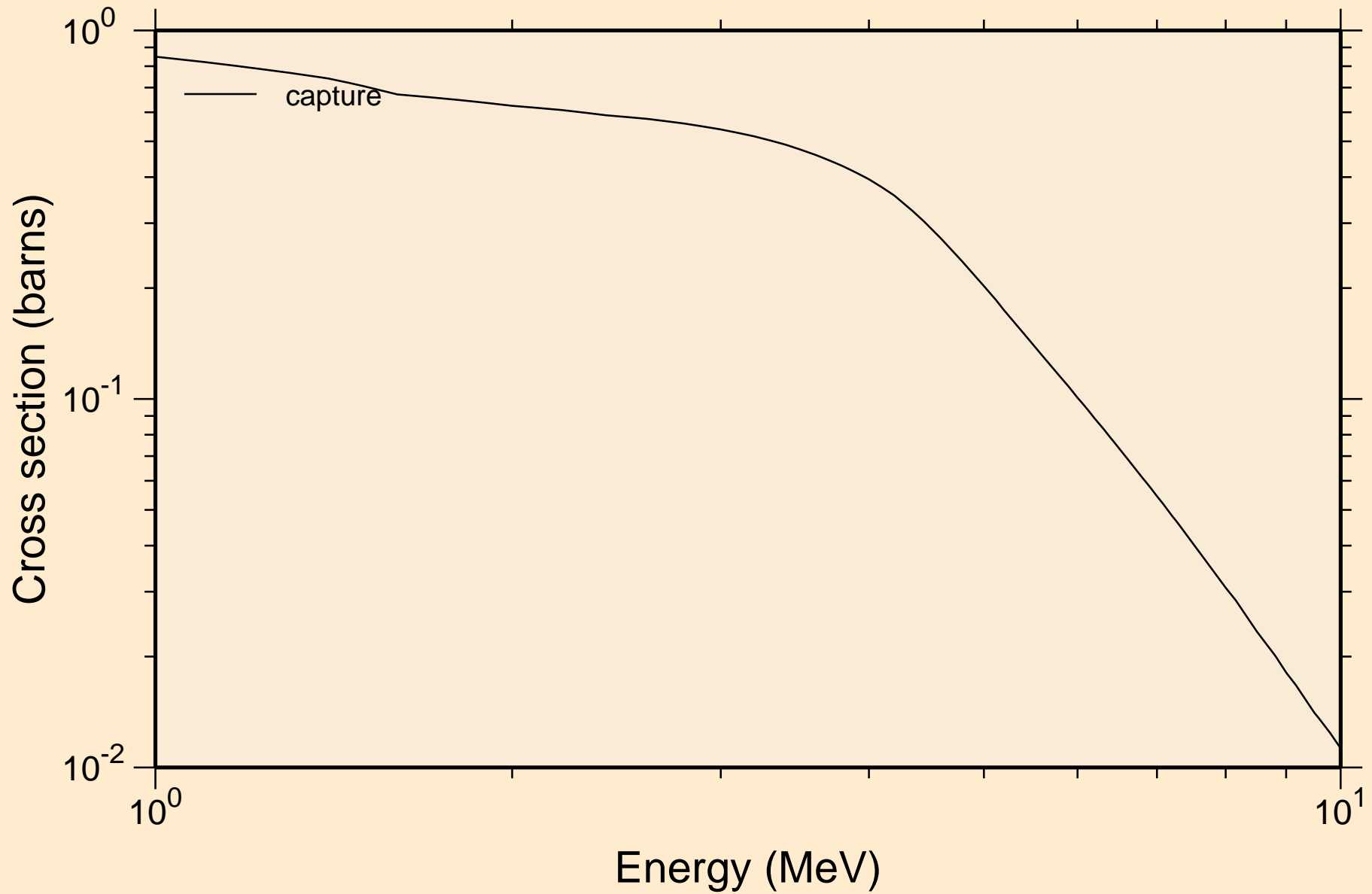


GD142 NRG TENDL-2015, AKONING  
resonance absorption cross sections



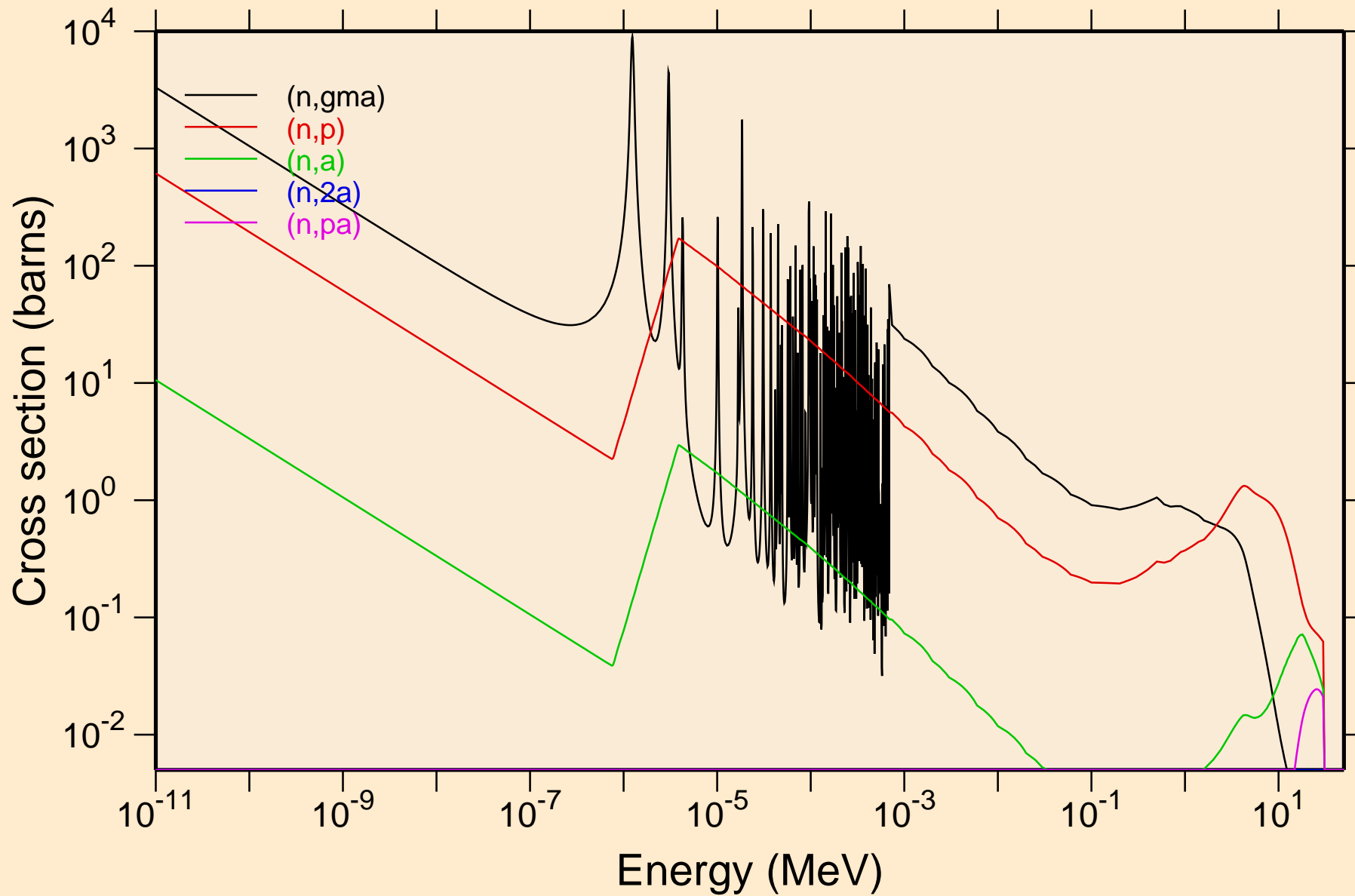


GD142 NRG TENDL-2015, AKONING  
resonance absorption cross sections



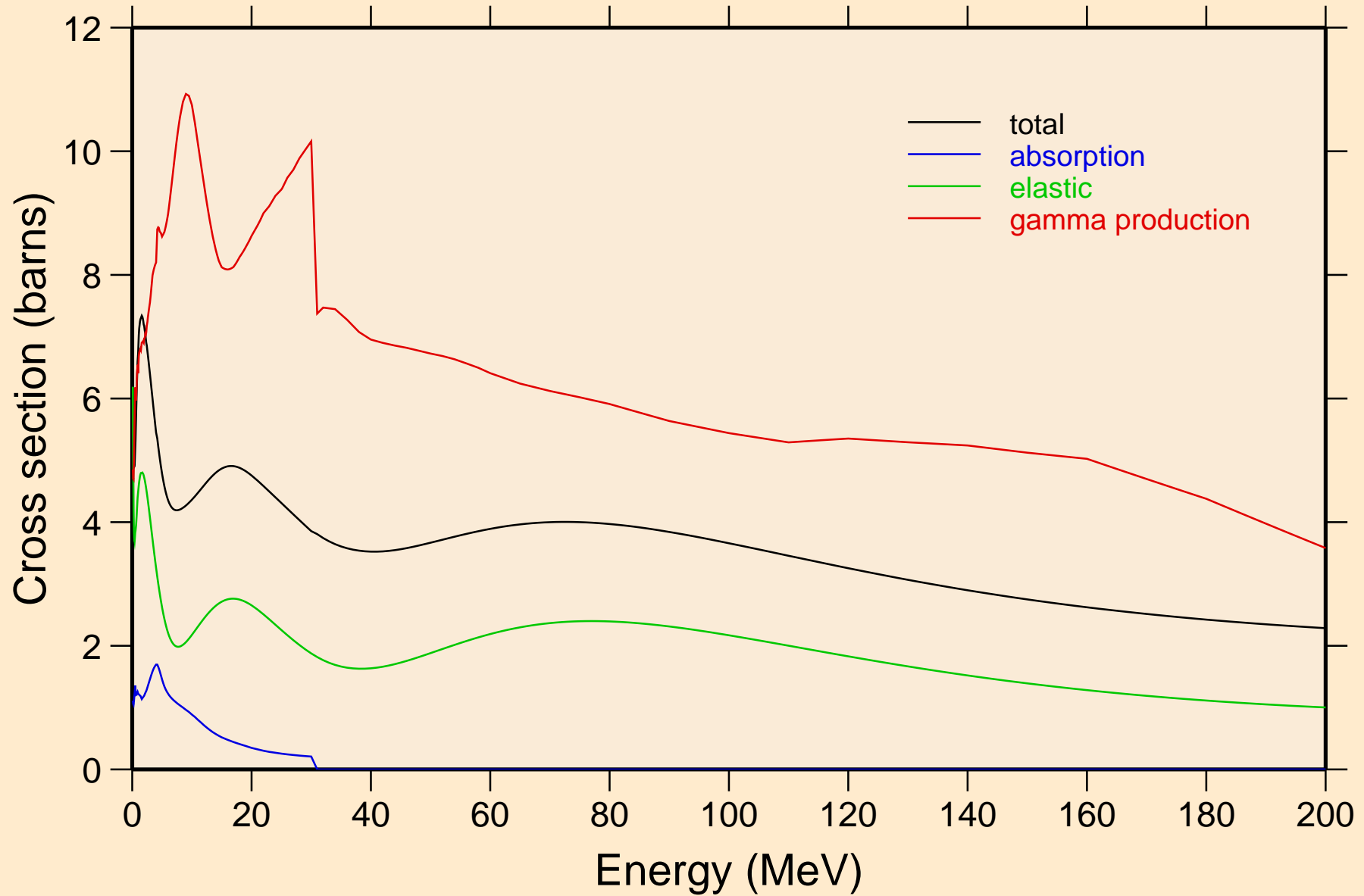
# GD142 NRG TENDL-2015, AKONING

## Non-threshold reactions



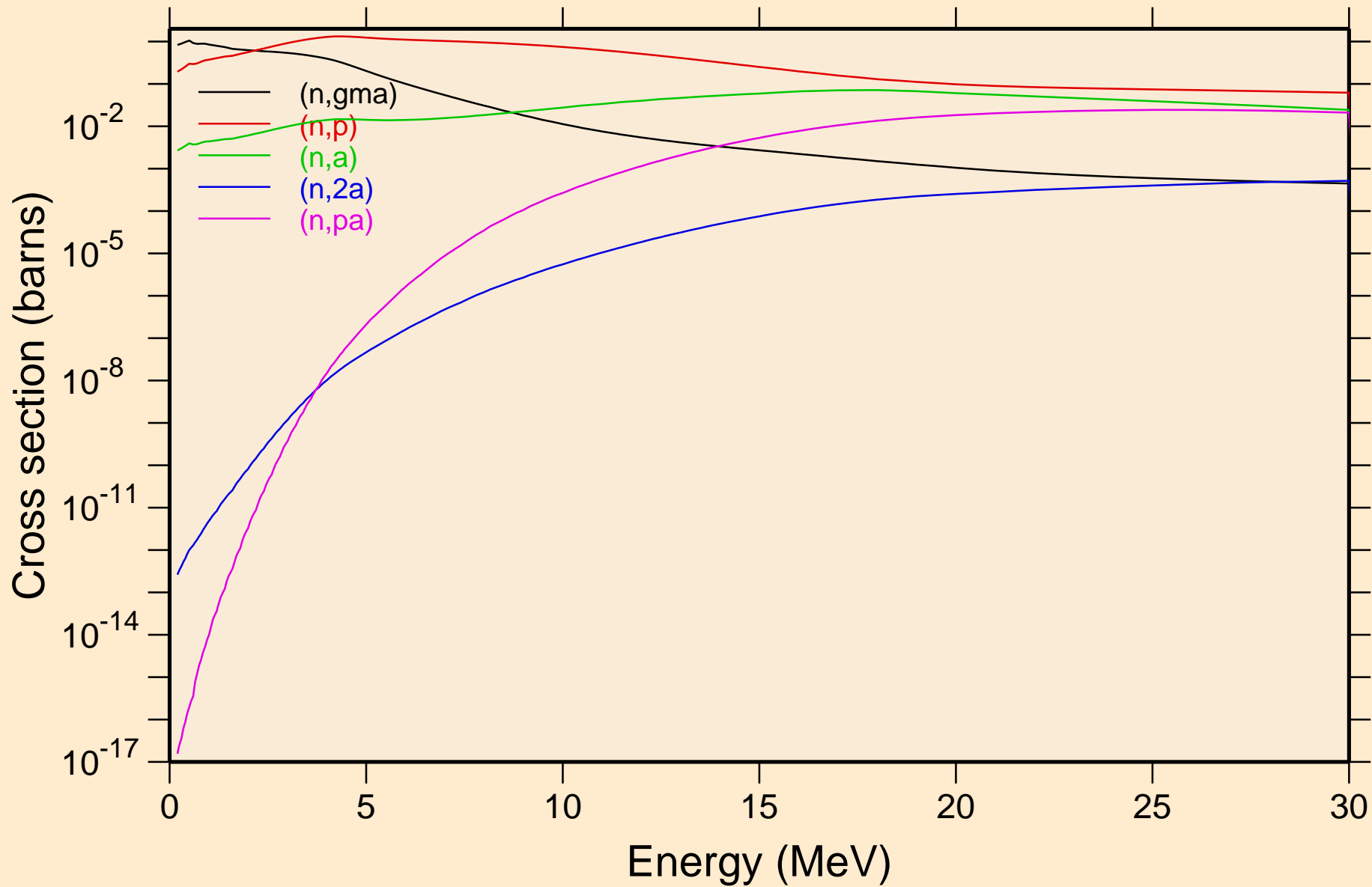
# GD142 NRG TENDL-2015, AKONING

## Principal cross sections



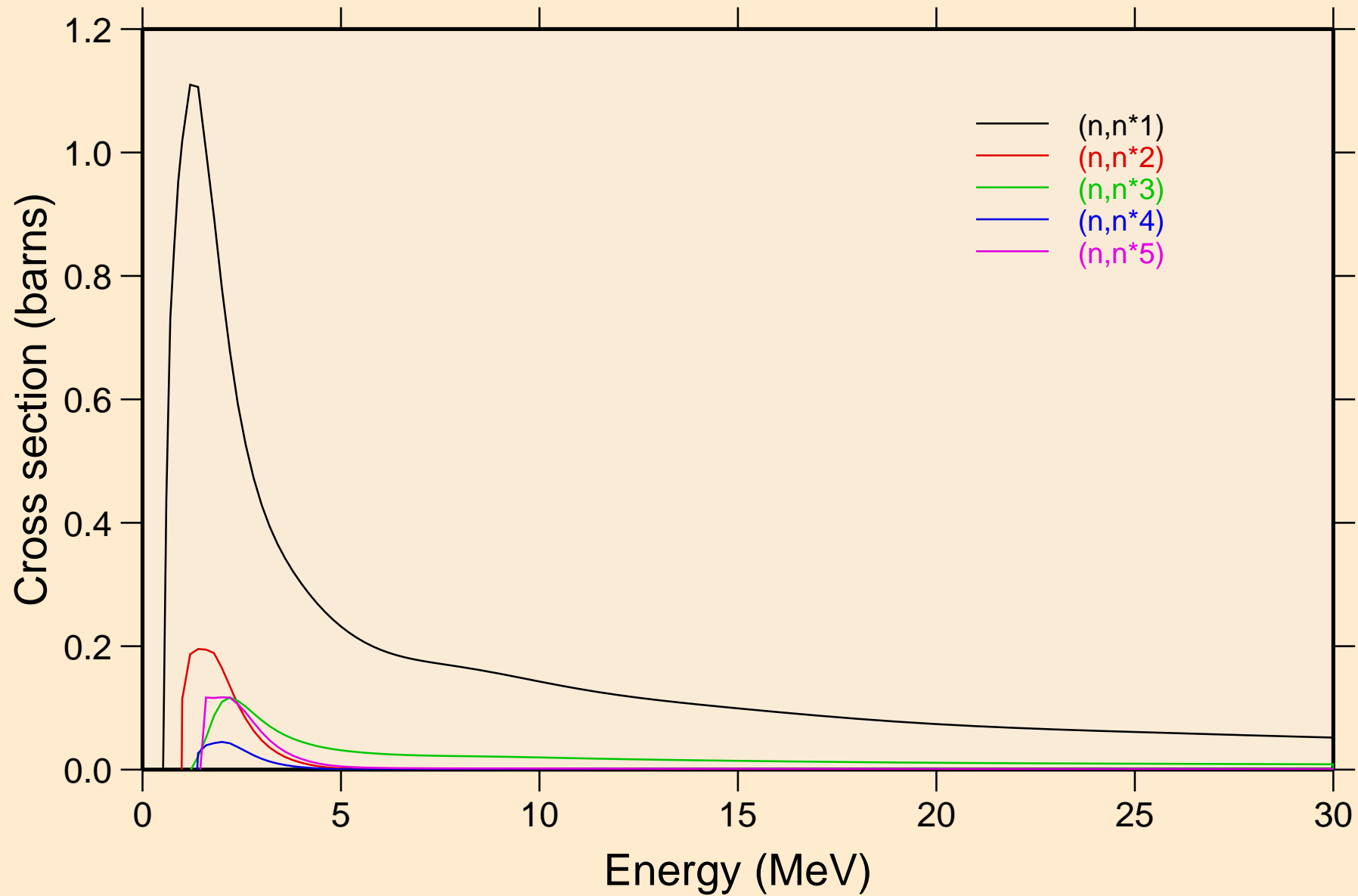
# GD142 NRG TENDL-2015, AKONING

## Non-threshold reactions



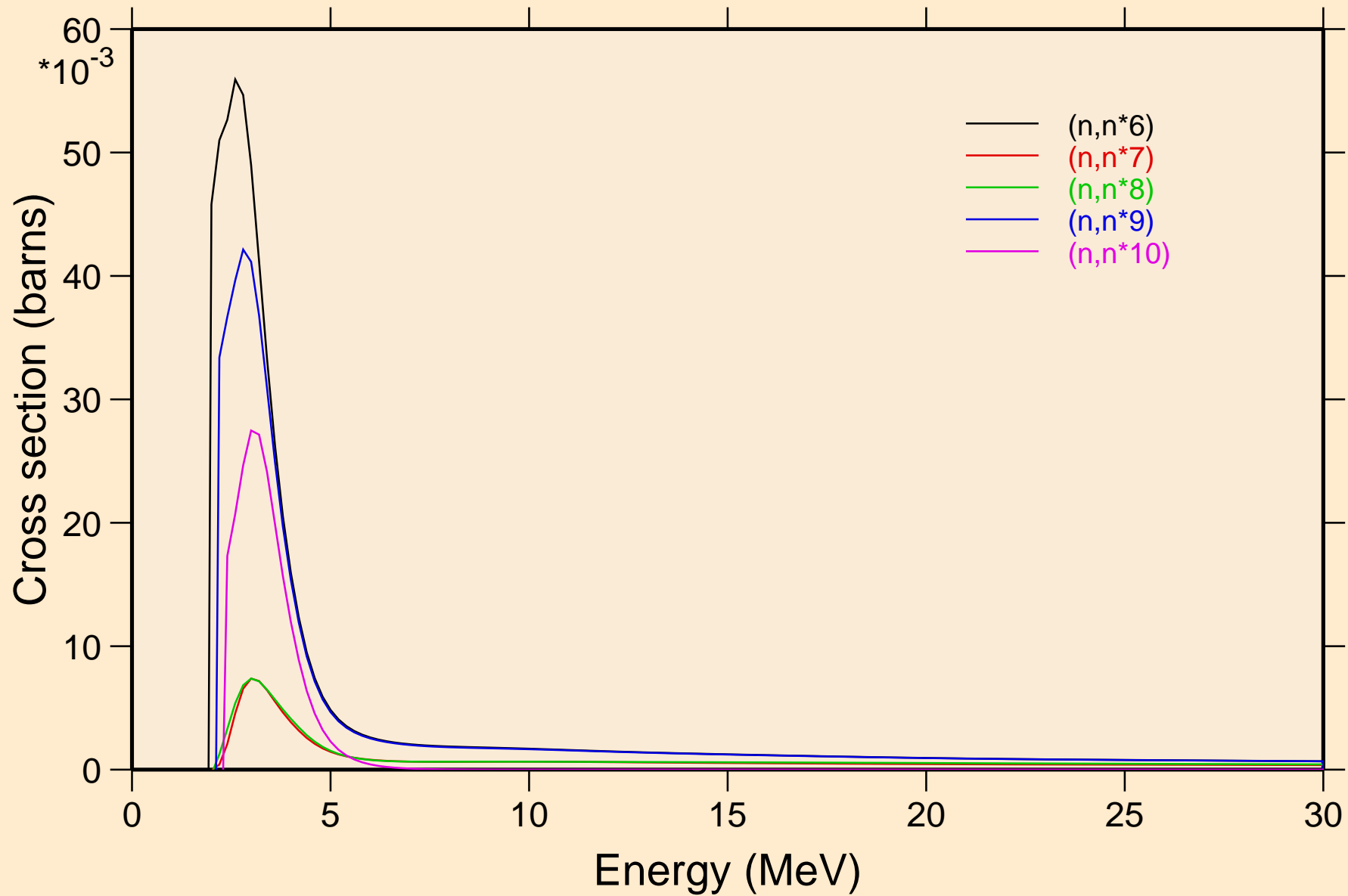
# GD142 NRG TENDL-2015, AKONING

## Inelastic levels



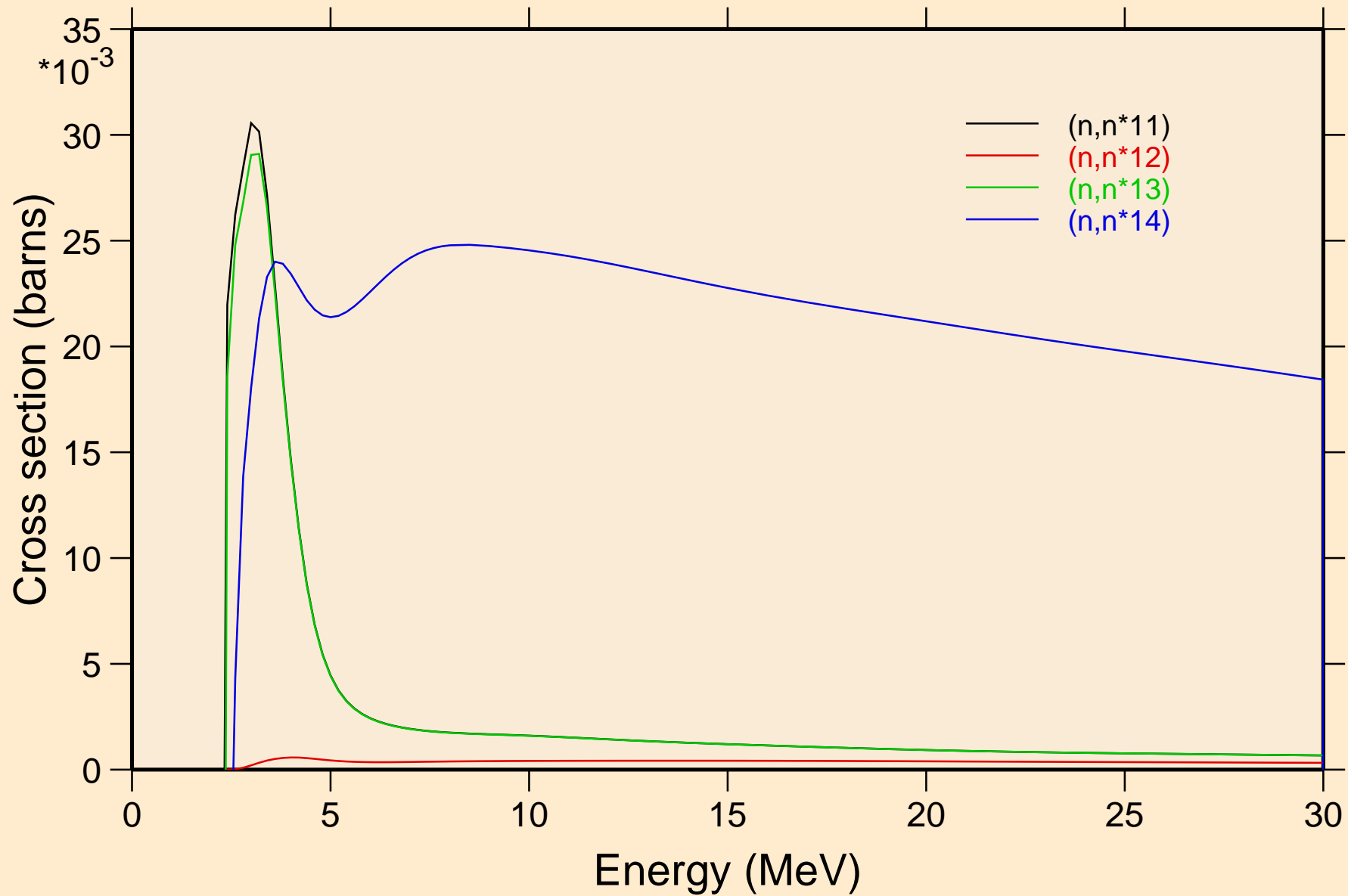
# GD142 NRG TENDL-2015, AKONING

## Inelastic levels



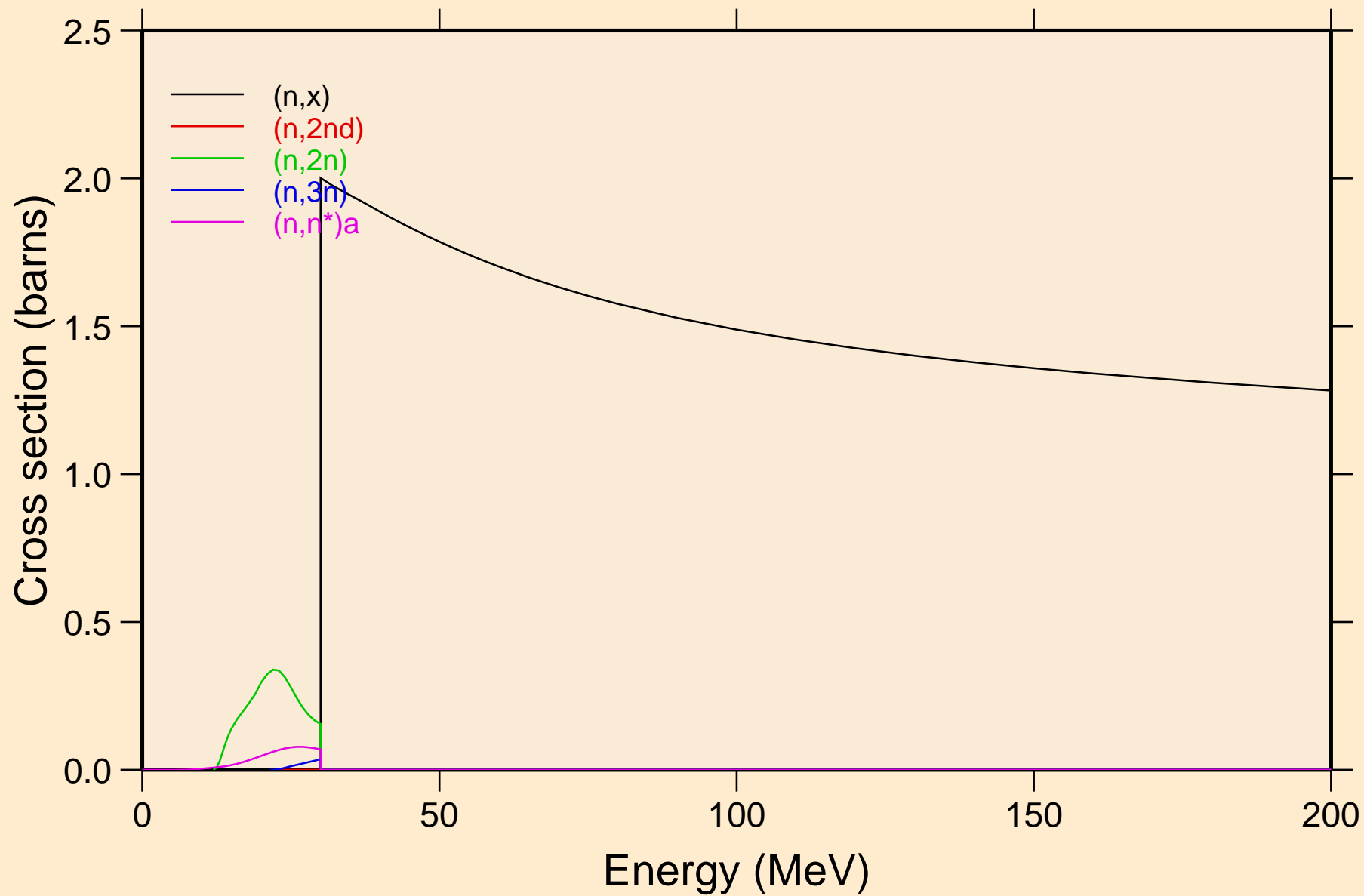
# GD142 NRG TENDL-2015, AKONING

## Inelastic levels



# GD142 NRG TENDL-2015, AKONING

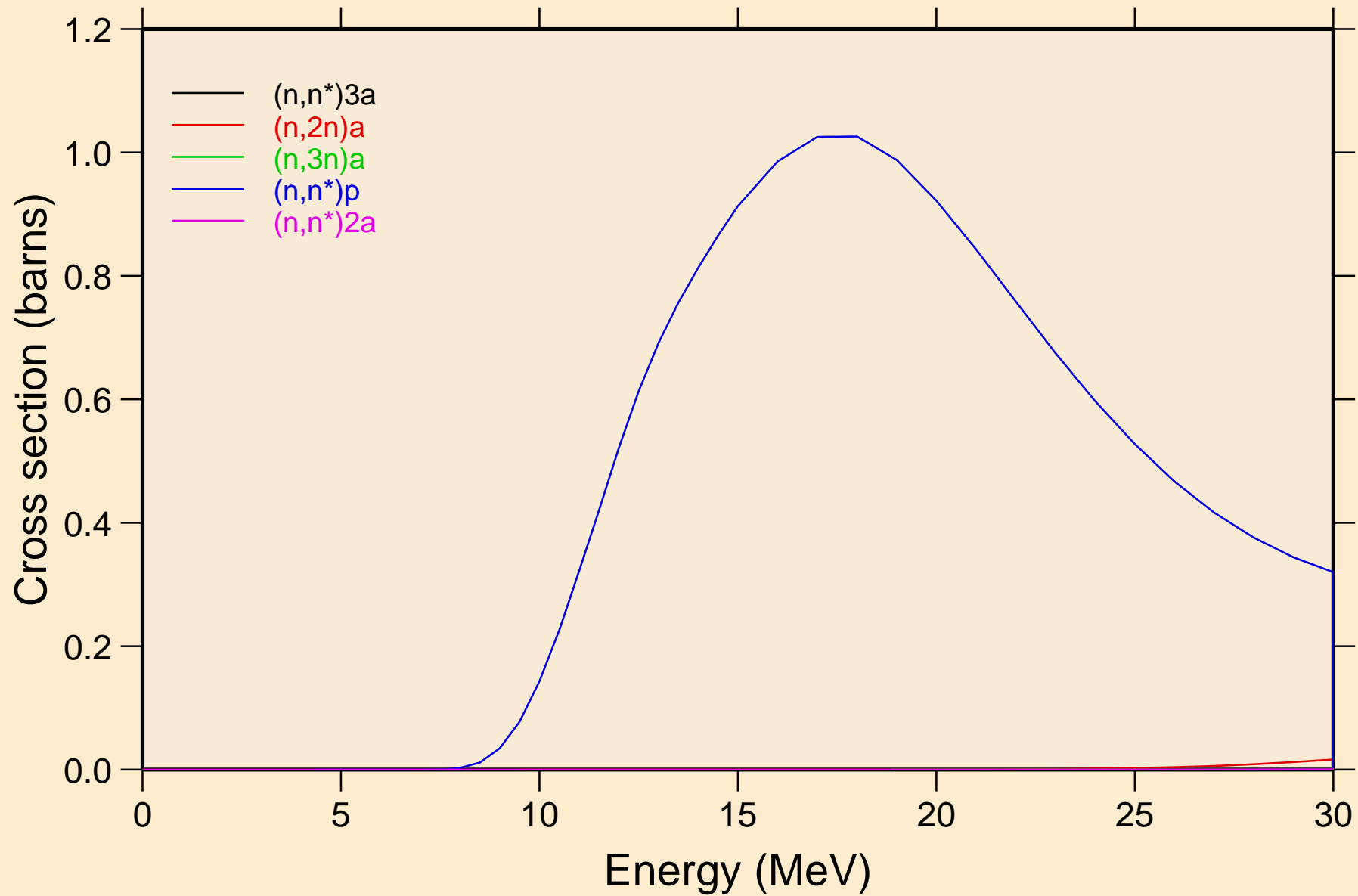
## Threshold reactions





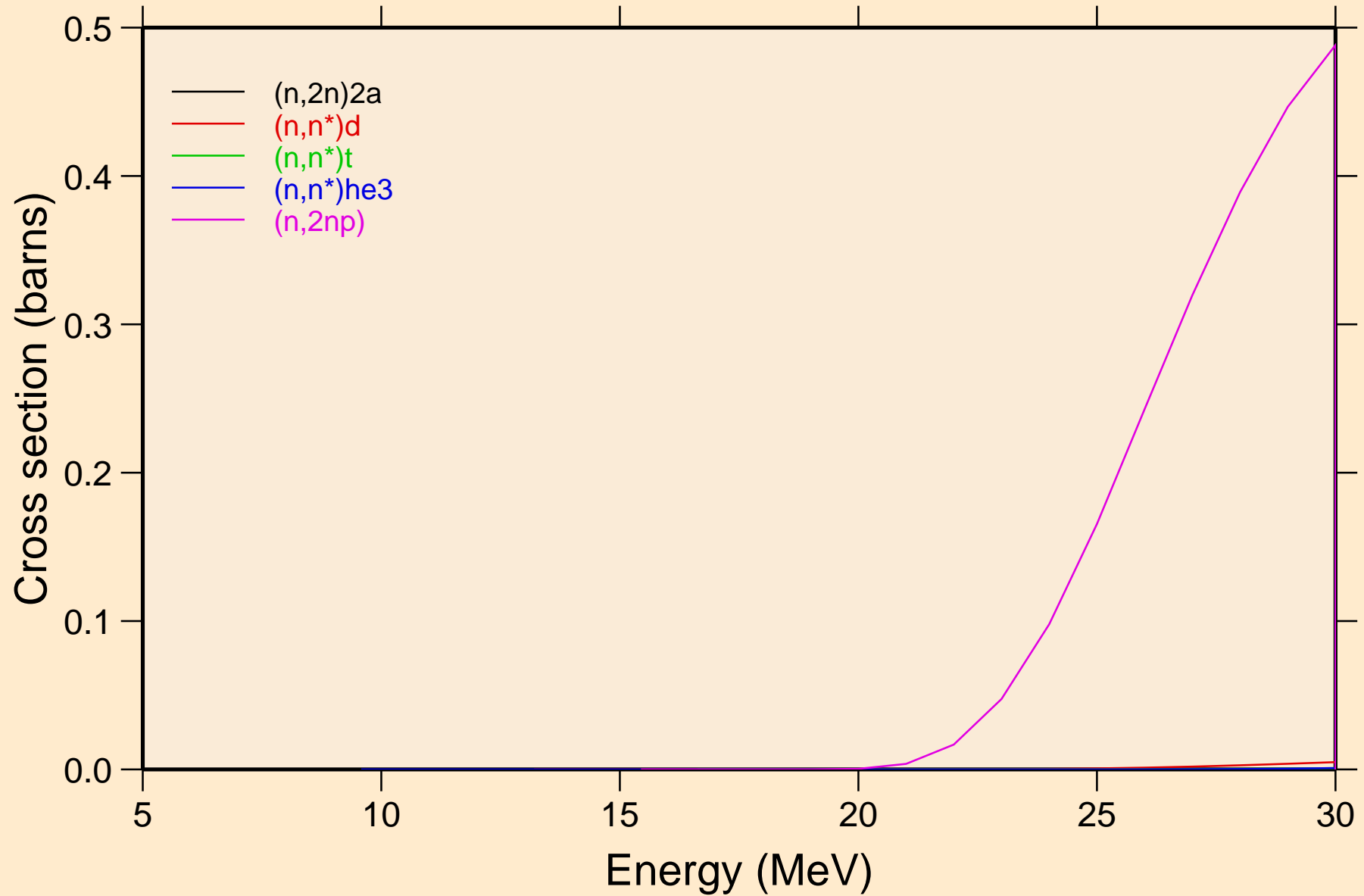
# GD142 NRG TENDL-2015, AKONING

## Threshold reactions



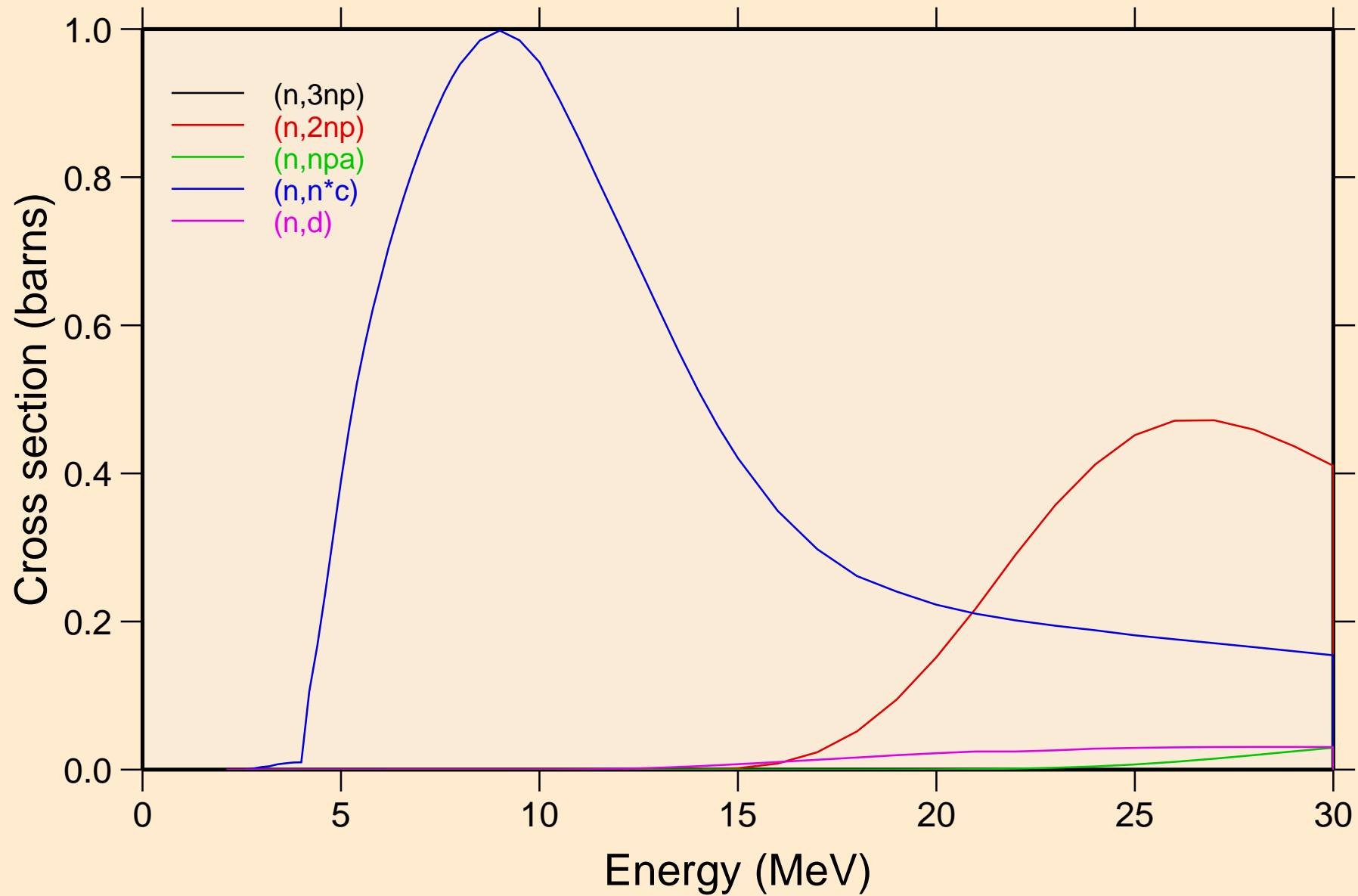
# GD142 NRG TENDL-2015, AKONING

## Threshold reactions



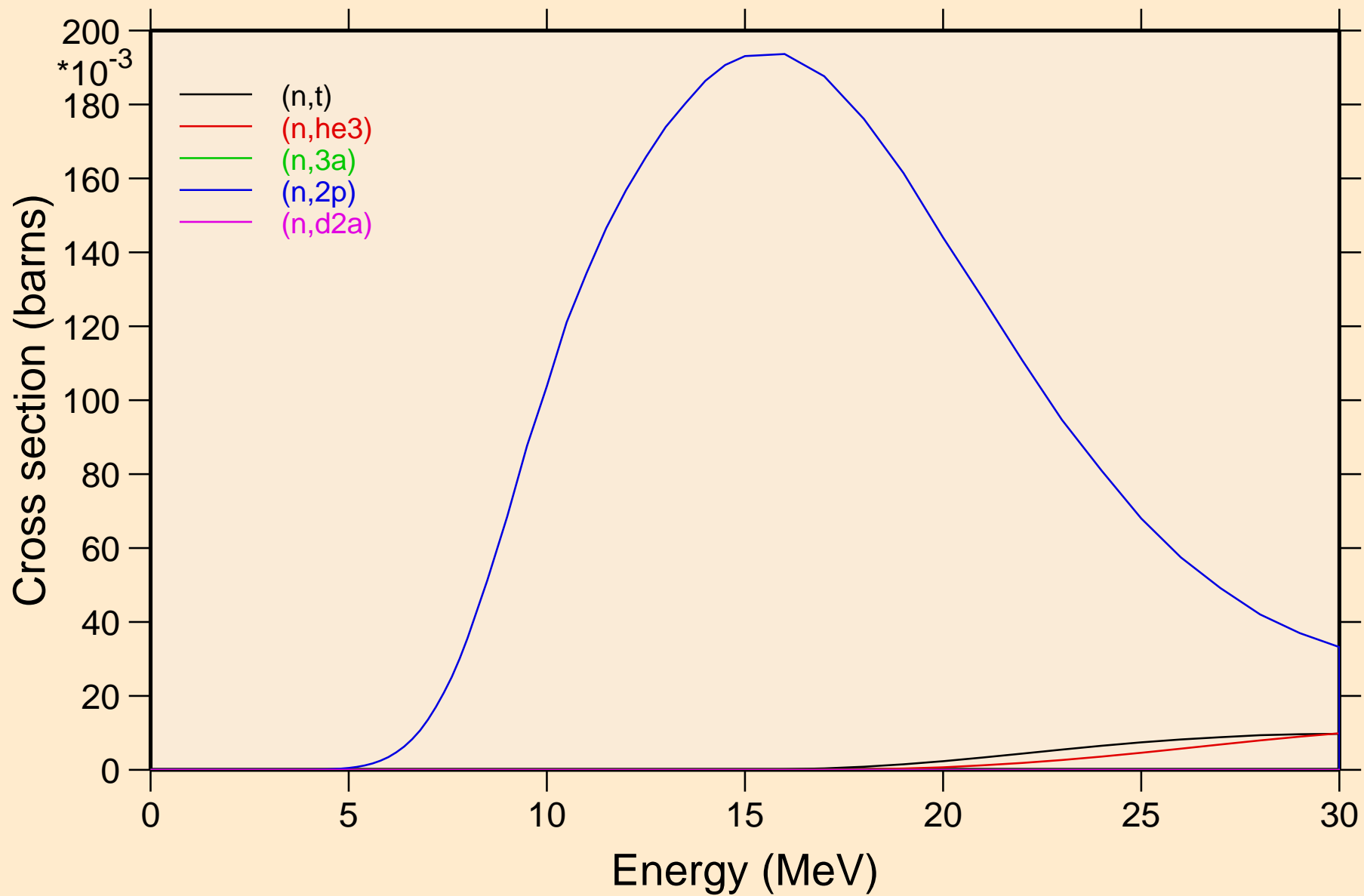
# GD142 NRG TENDL-2015, AKONING

## Threshold reactions



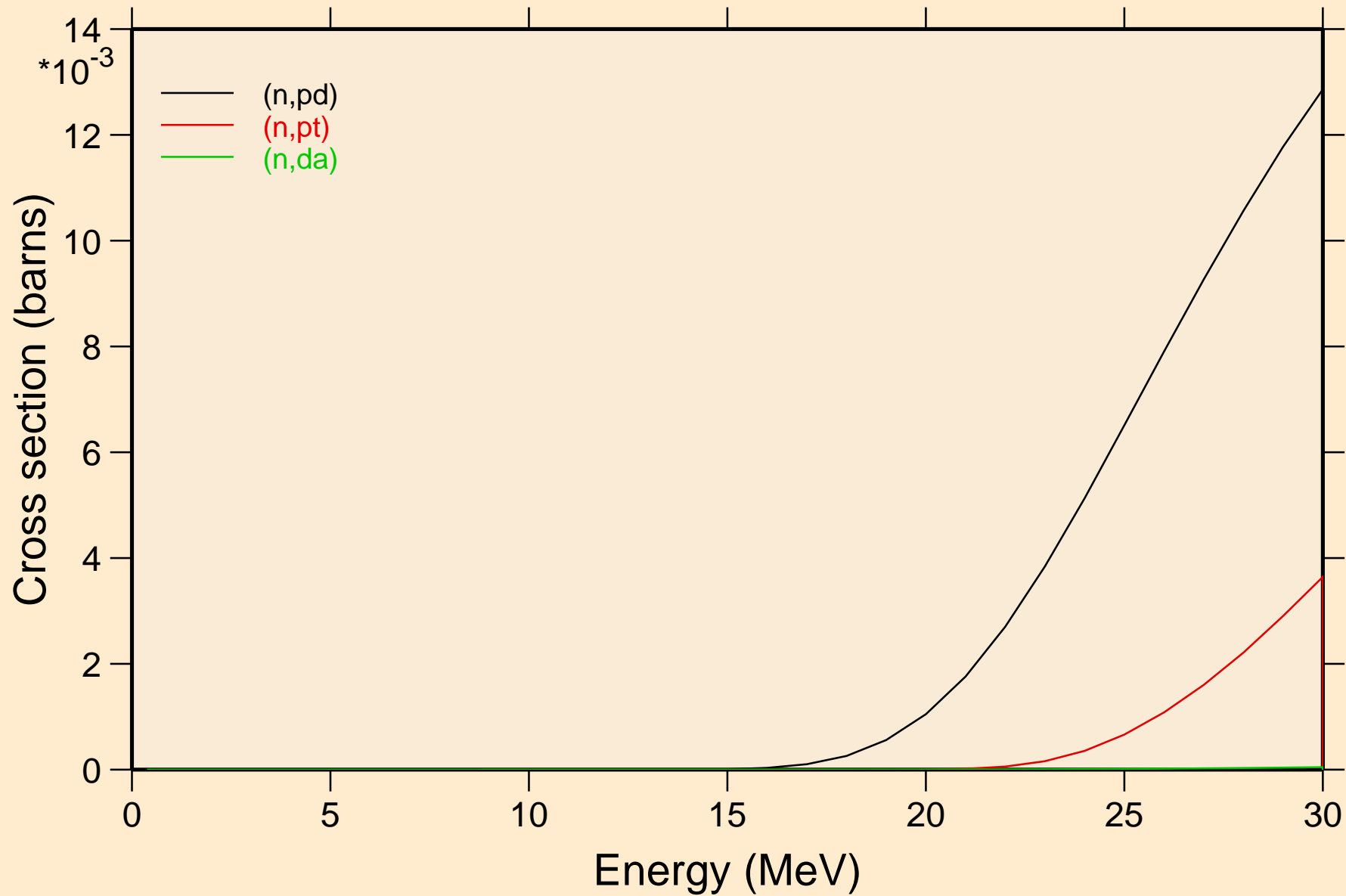
# GD142 NRG TENDL-2015, AKONING

## Threshold reactions

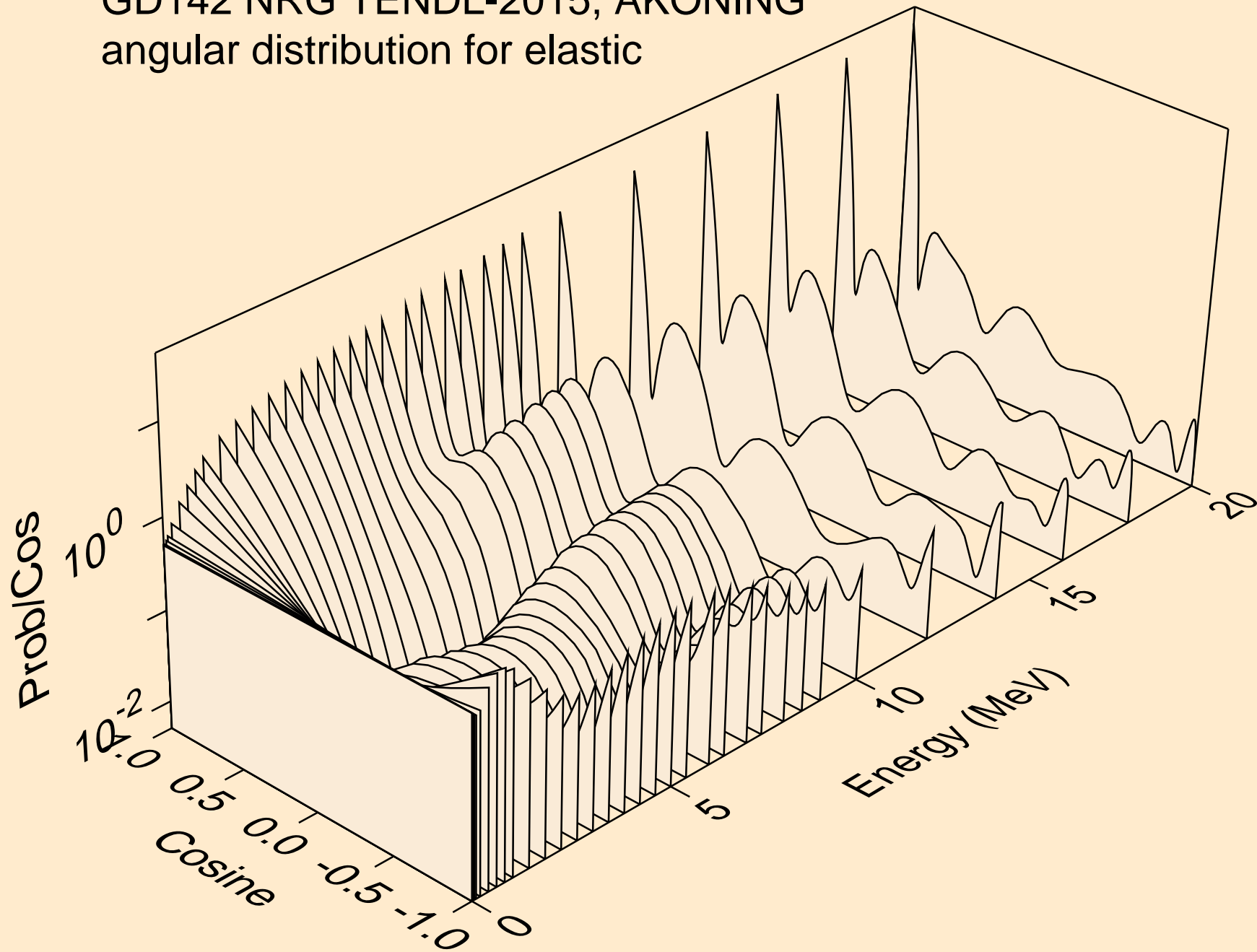


# GD142 NRG TENDL-2015, AKONING

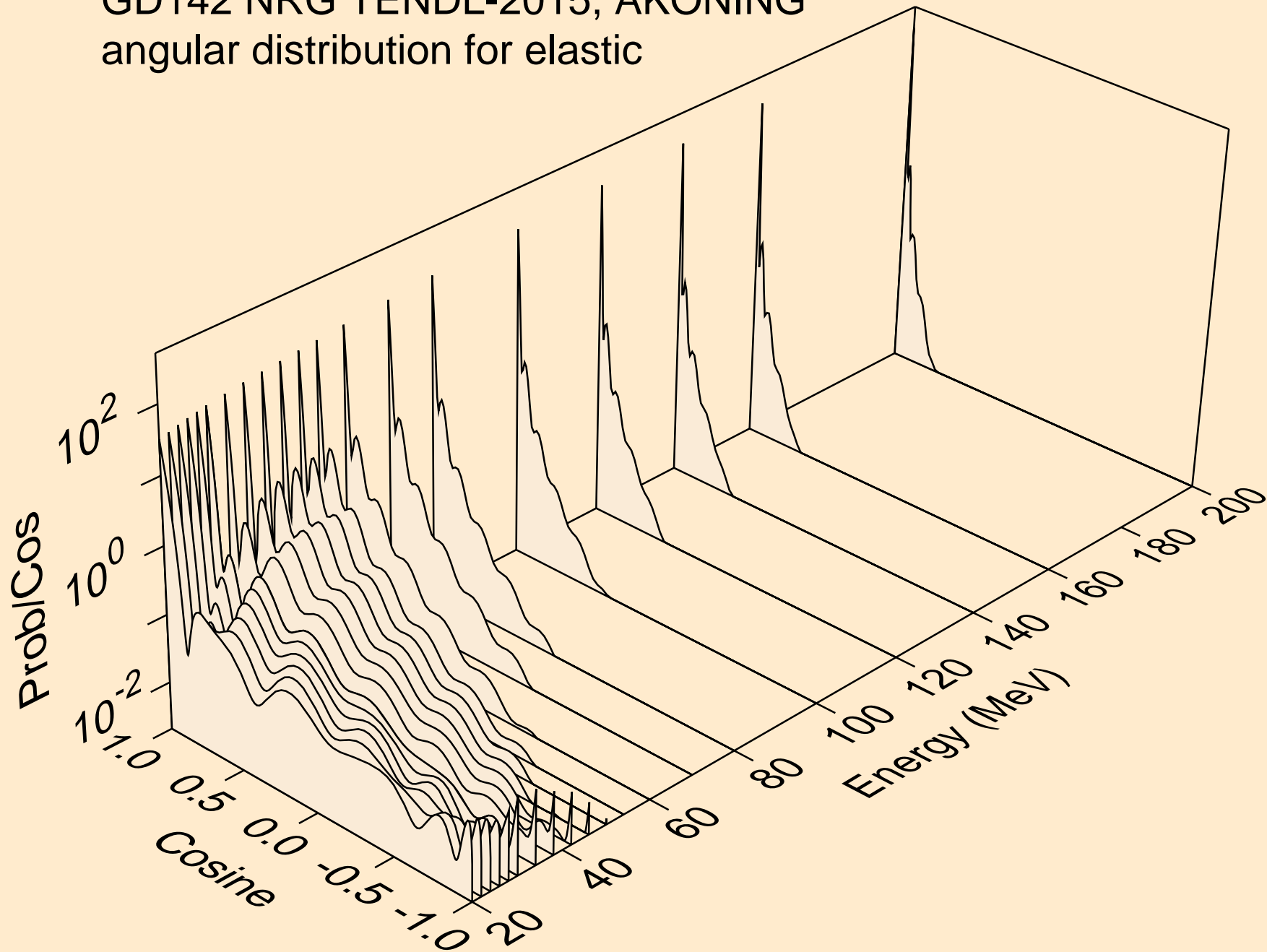
## Threshold reactions



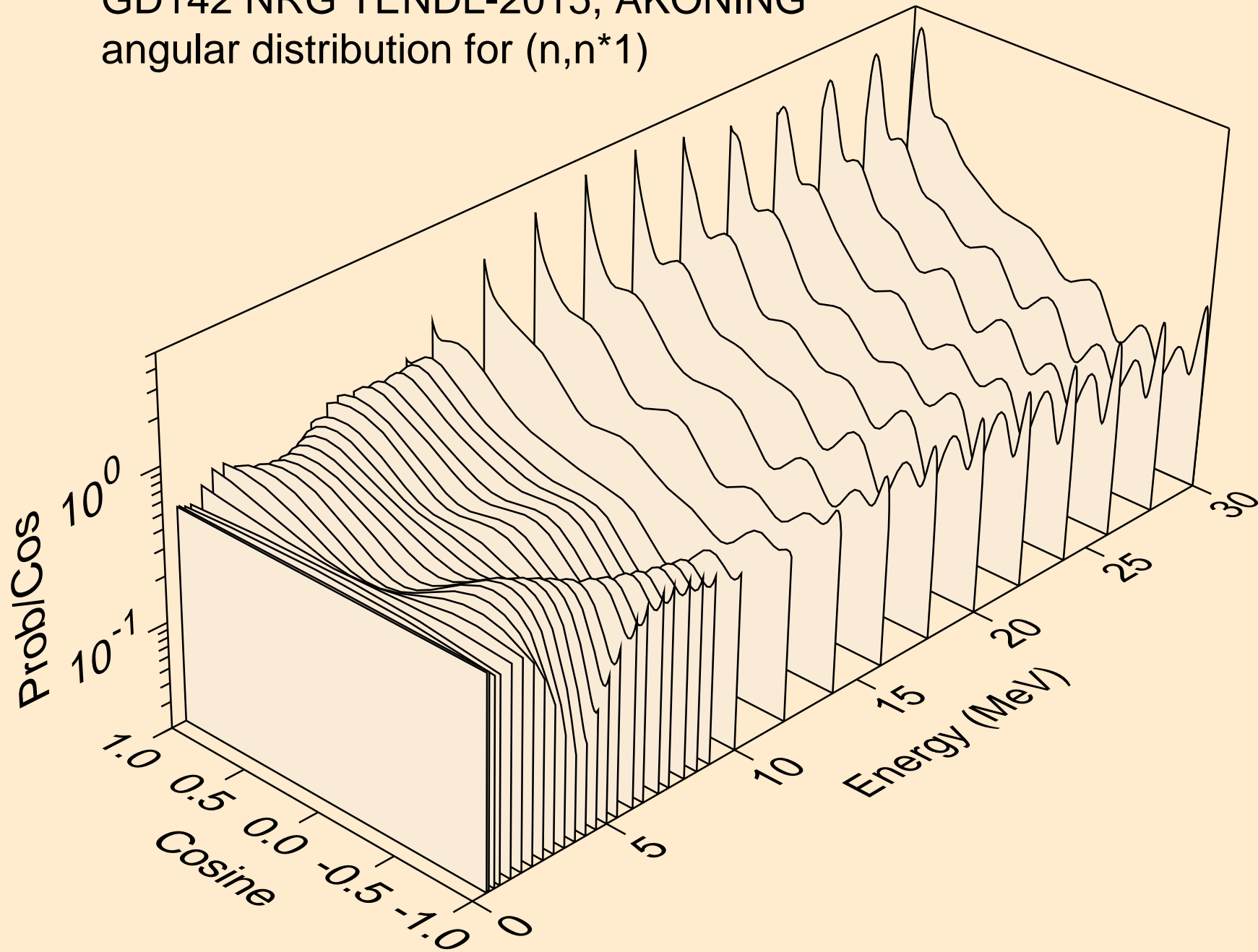
GD142 NRG TENDL-2015, AKONING  
angular distribution for elastic



GD142 NRG TENDL-2015, AKONING  
angular distribution for elastic

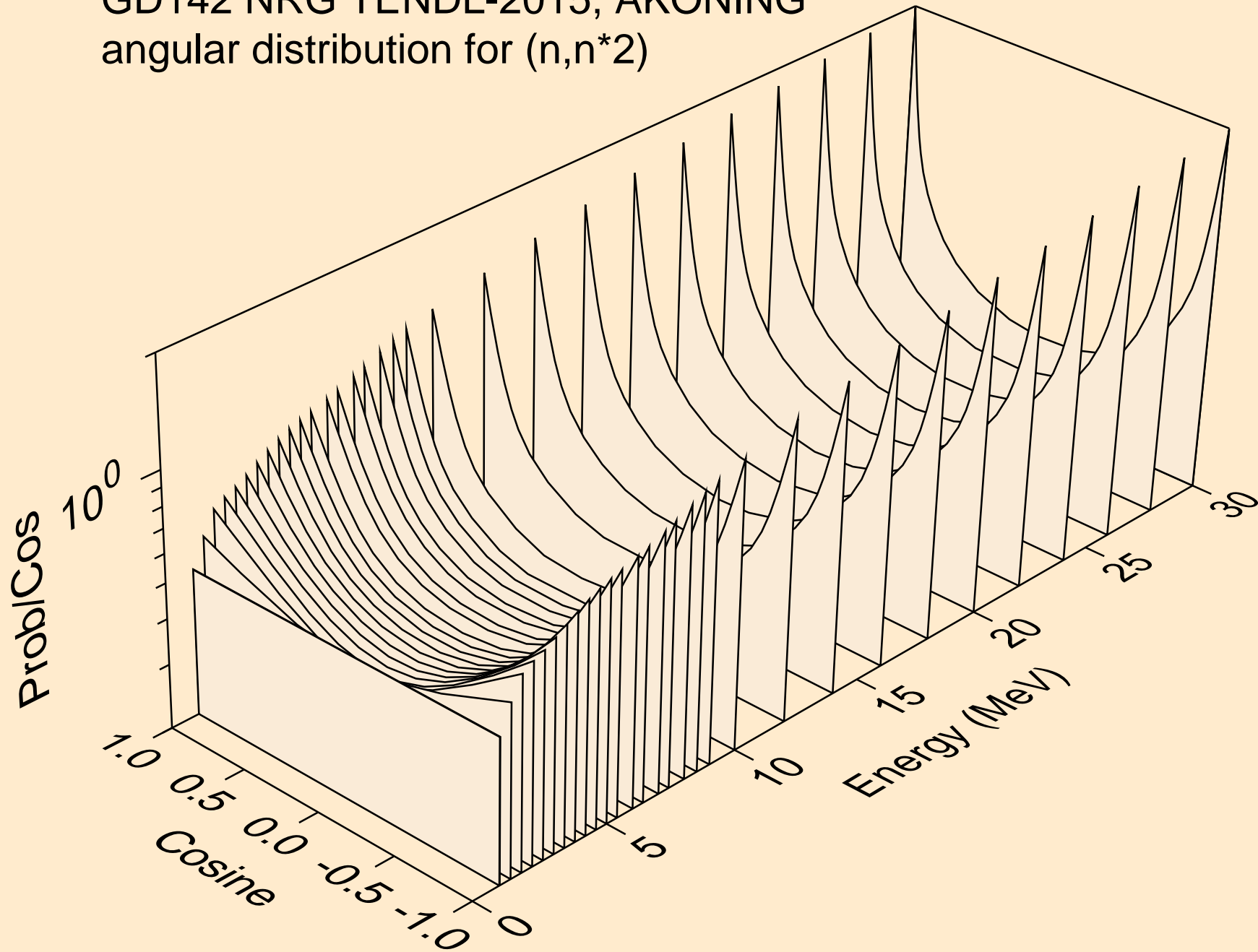


GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

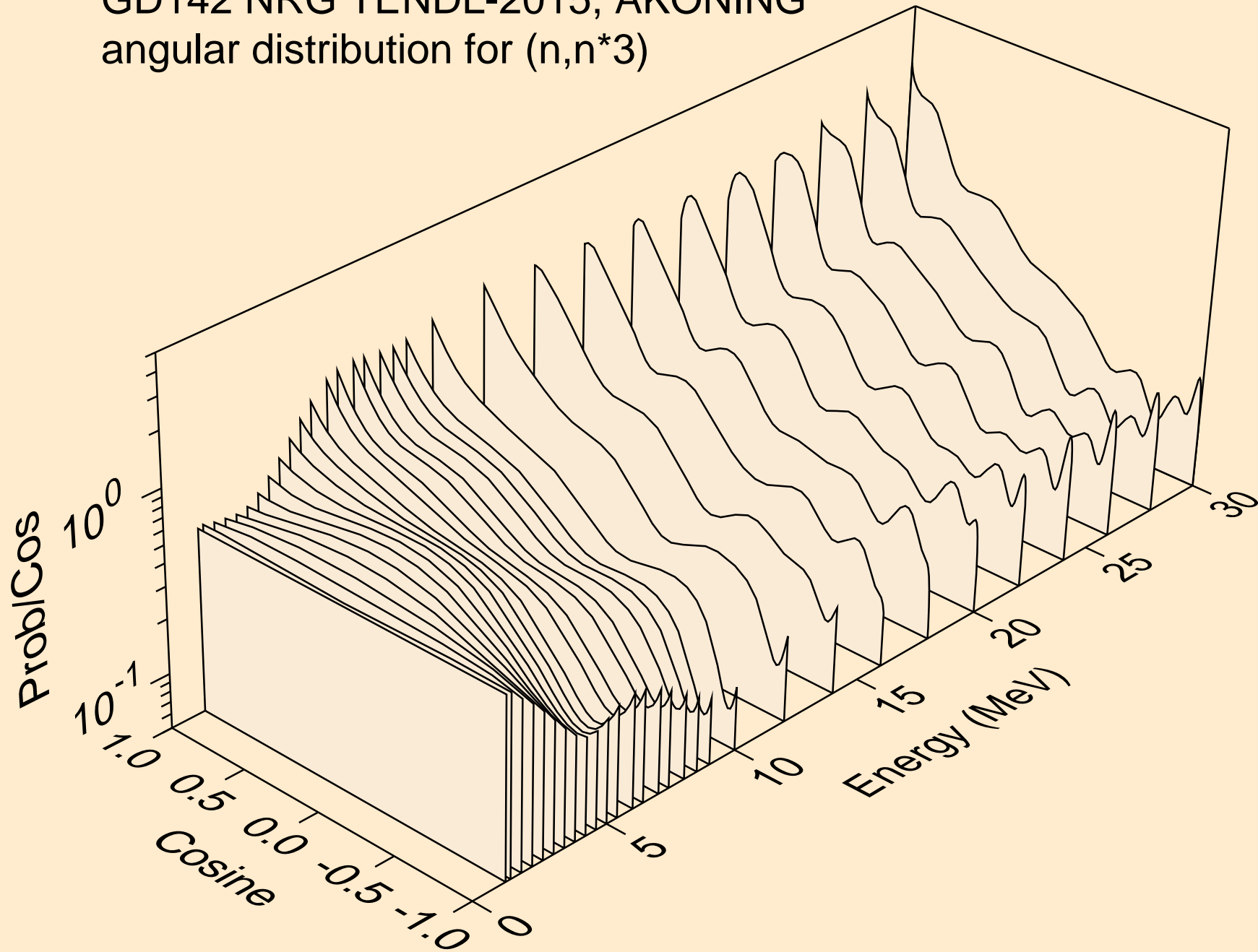




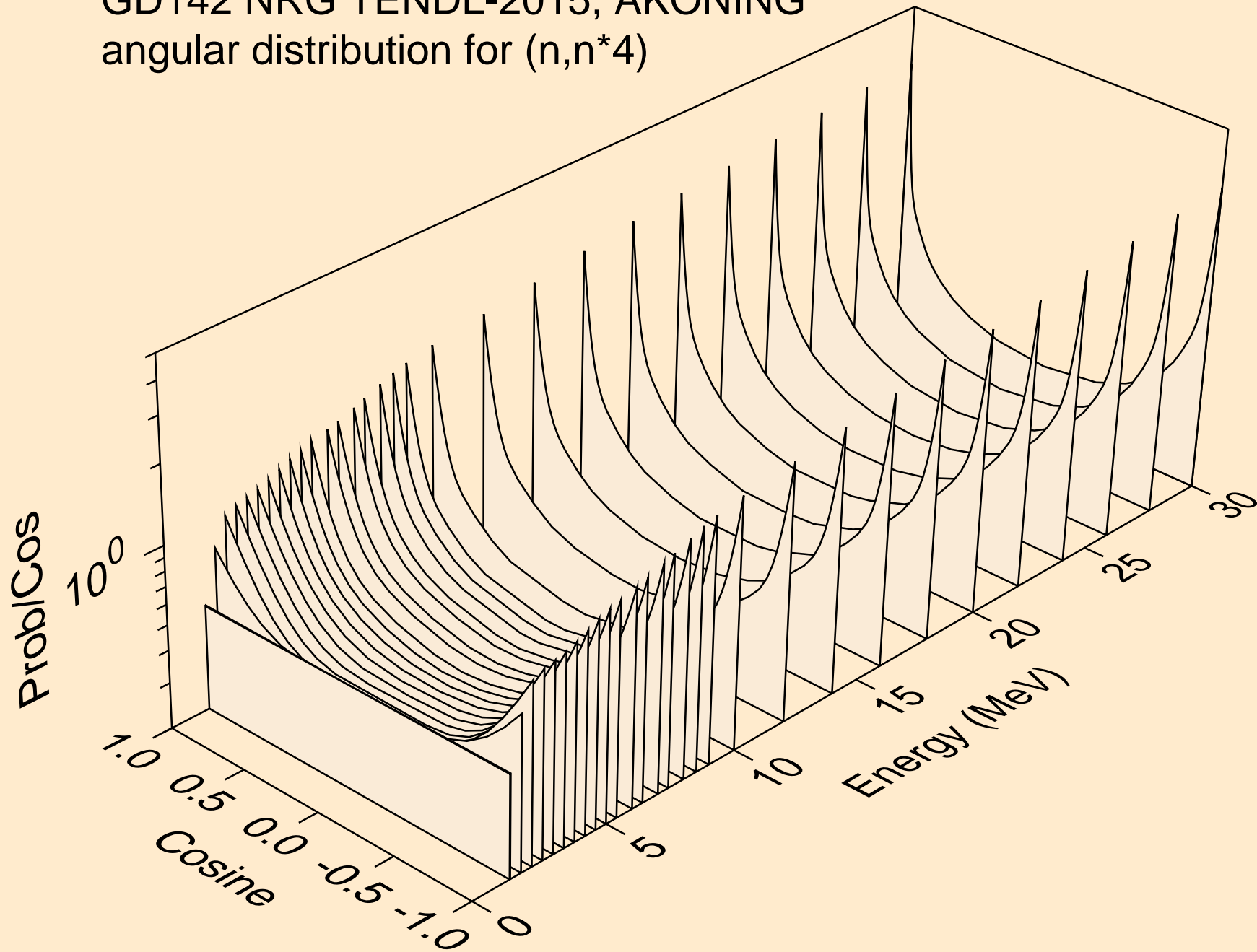
GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



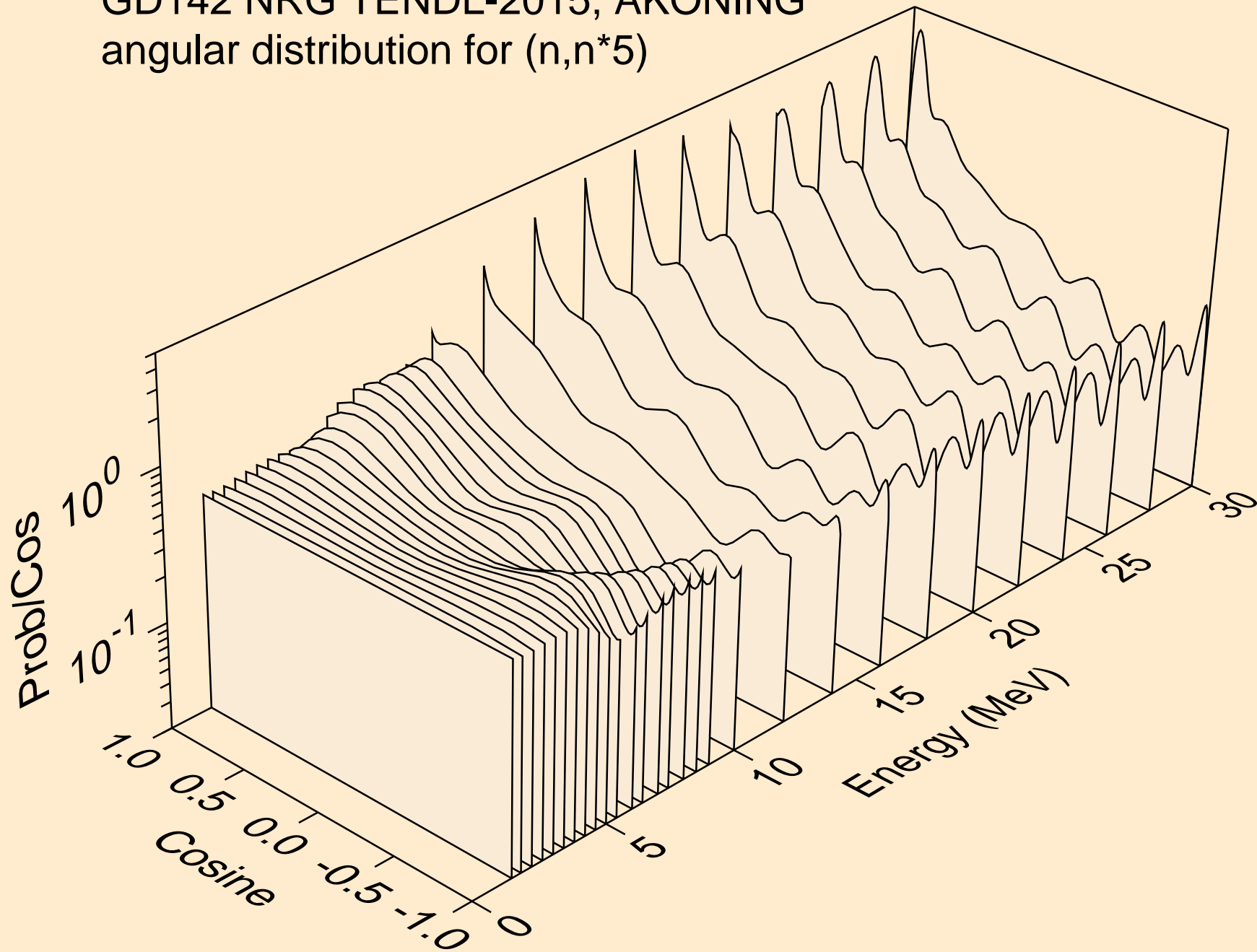
GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



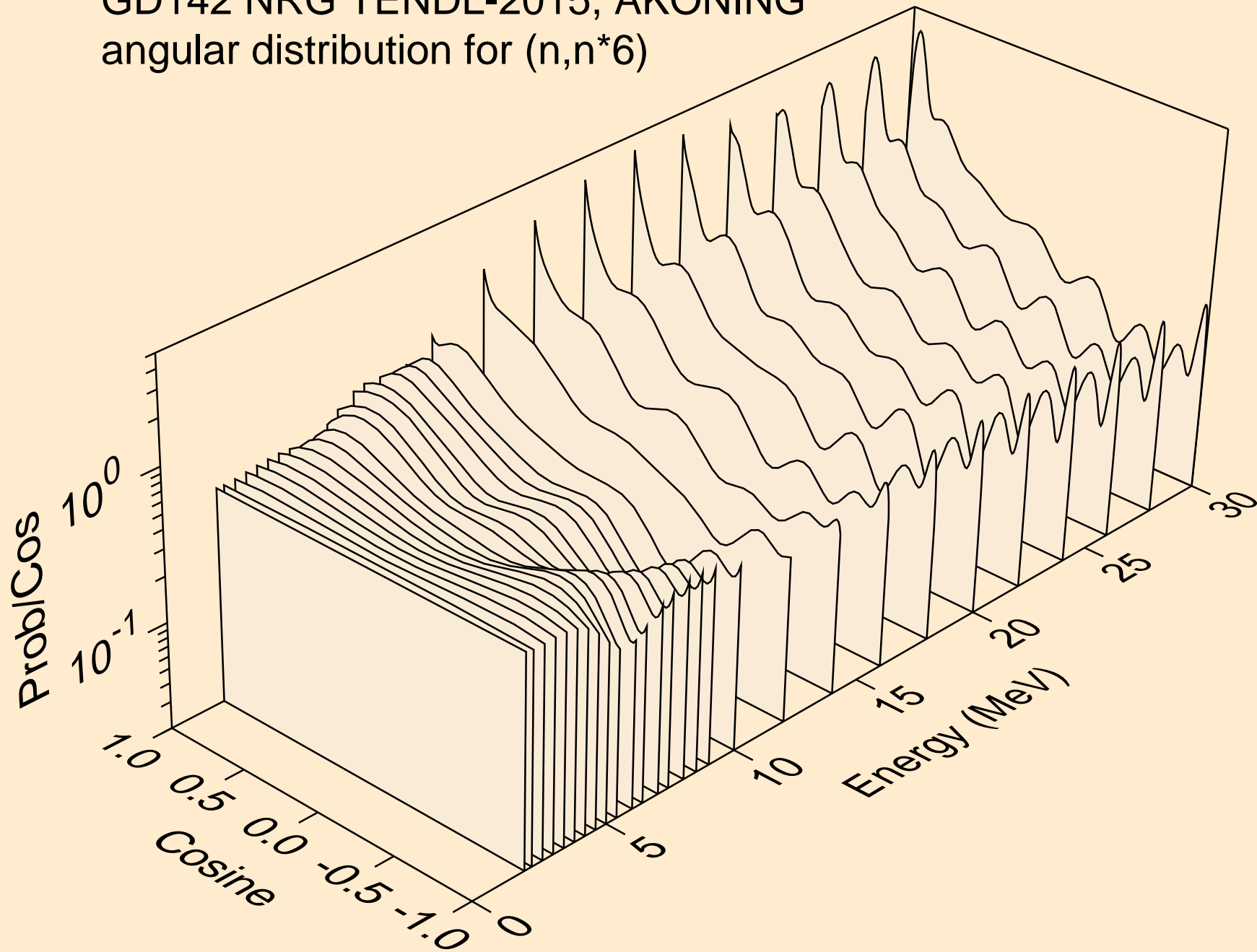
GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



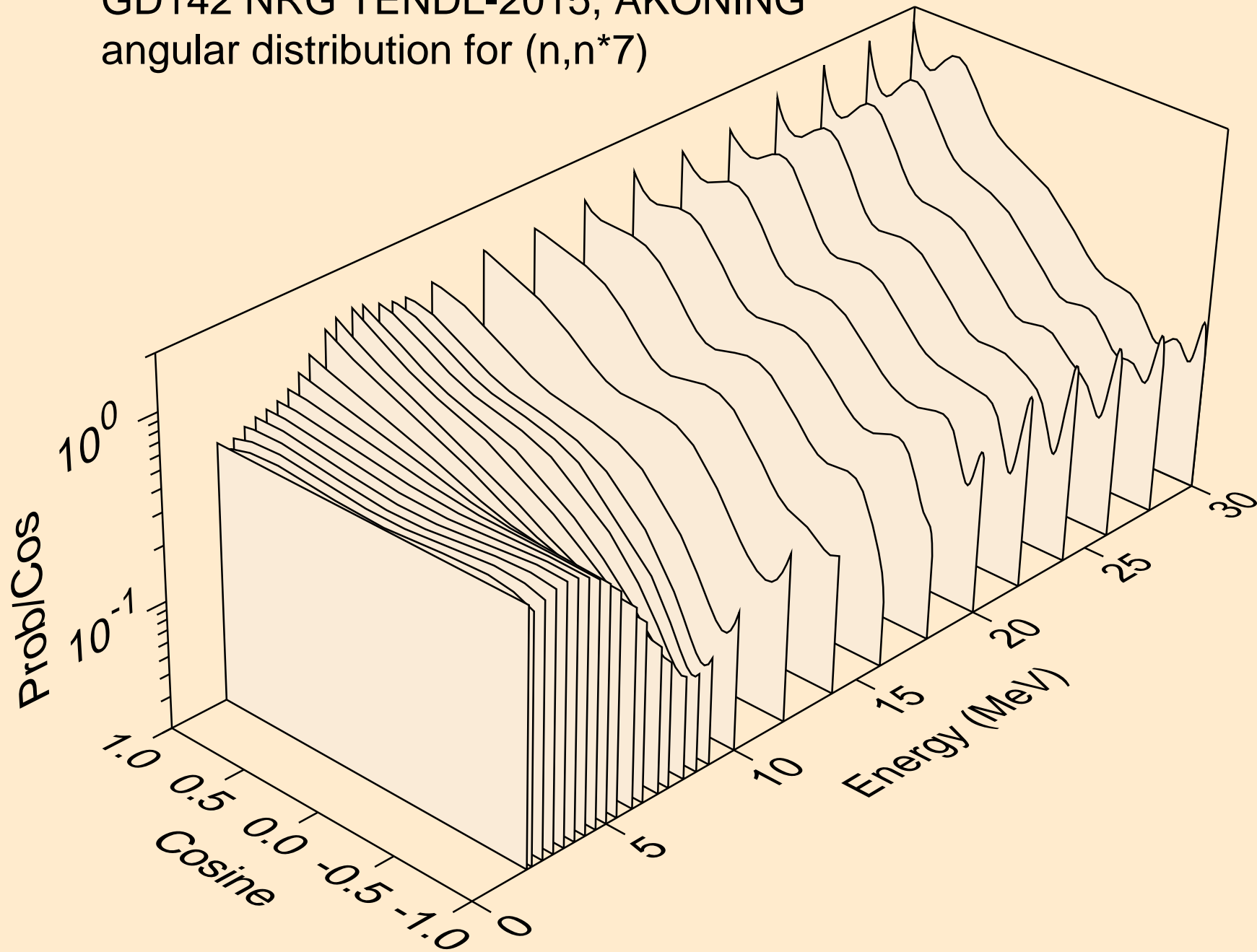
GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



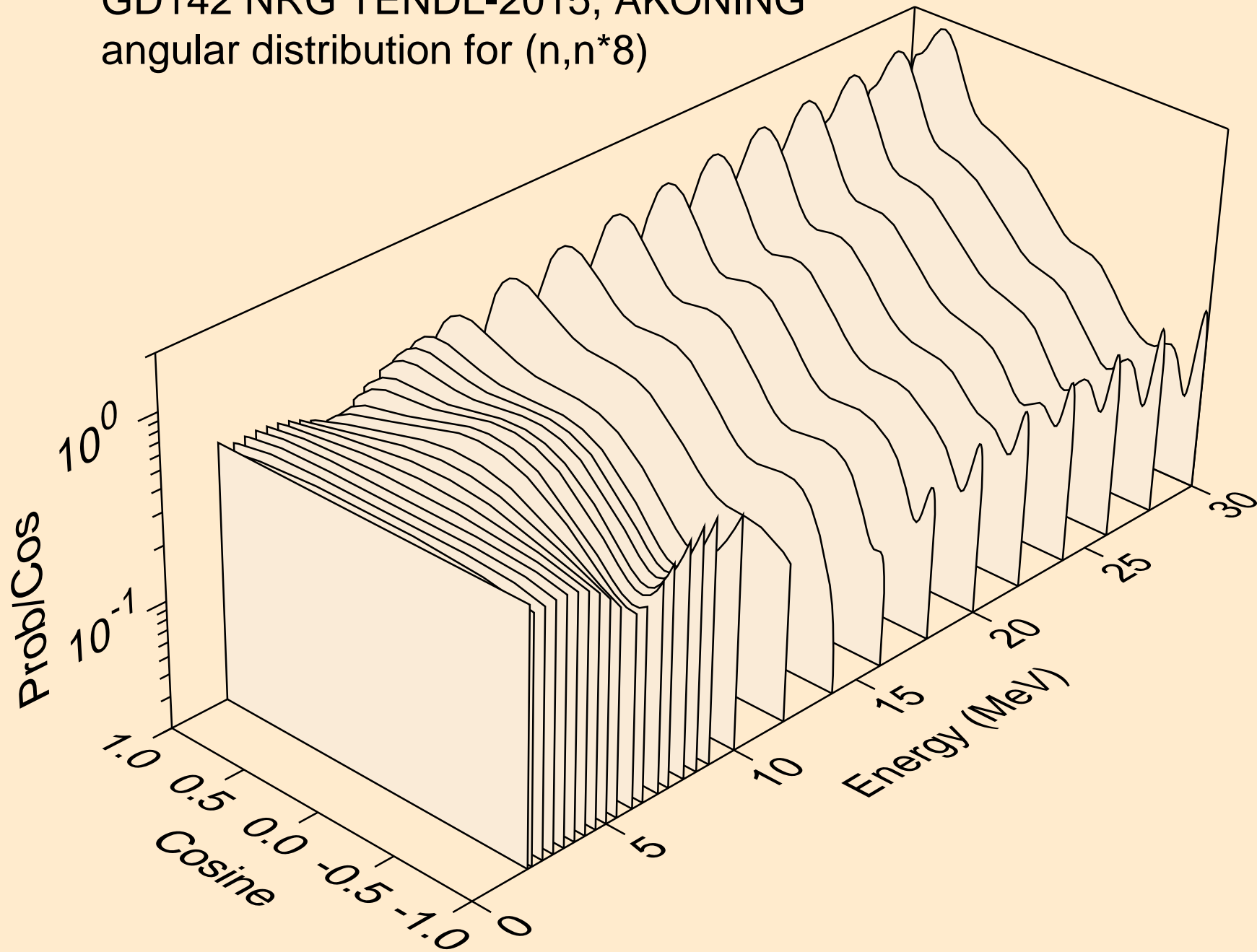
GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



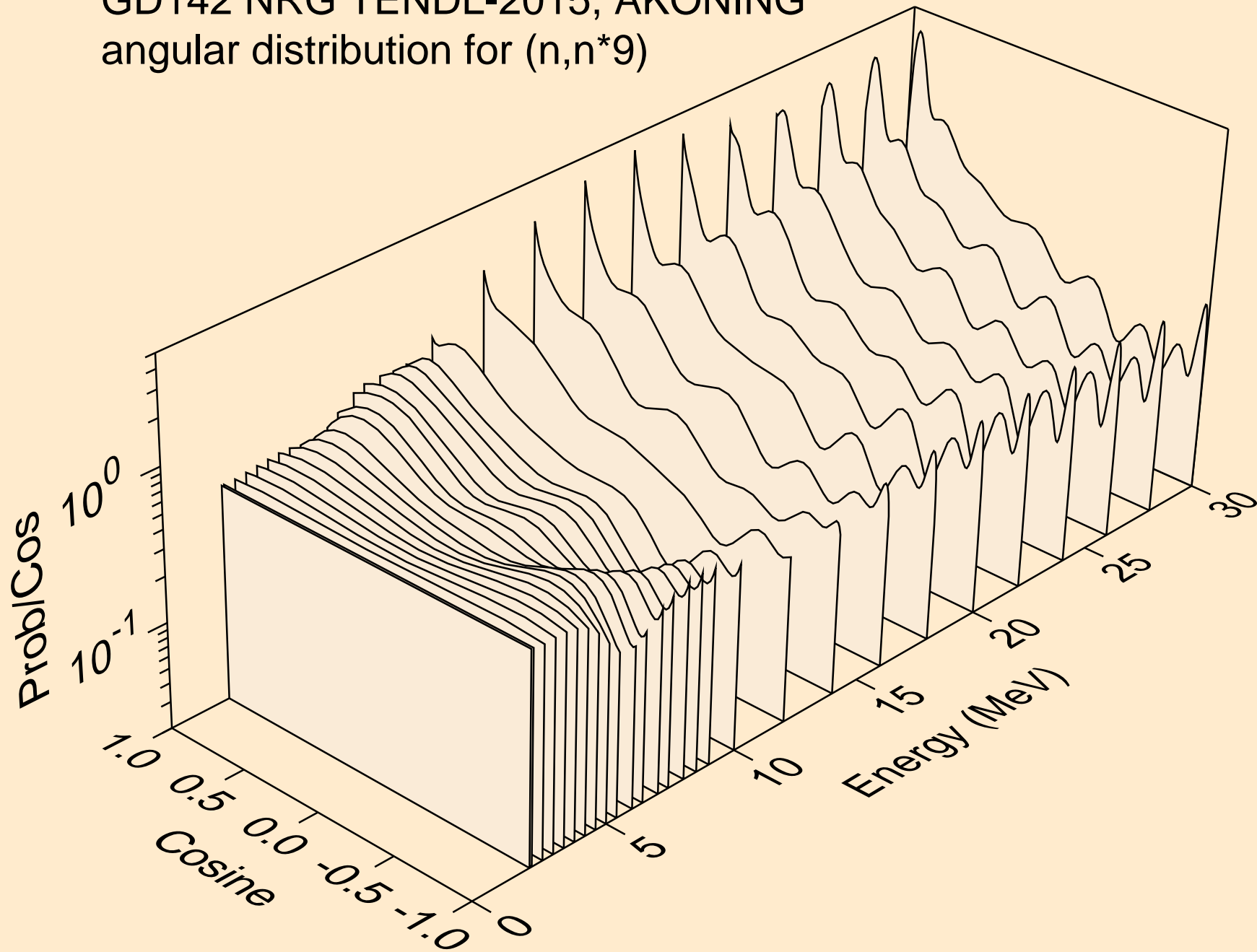
GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

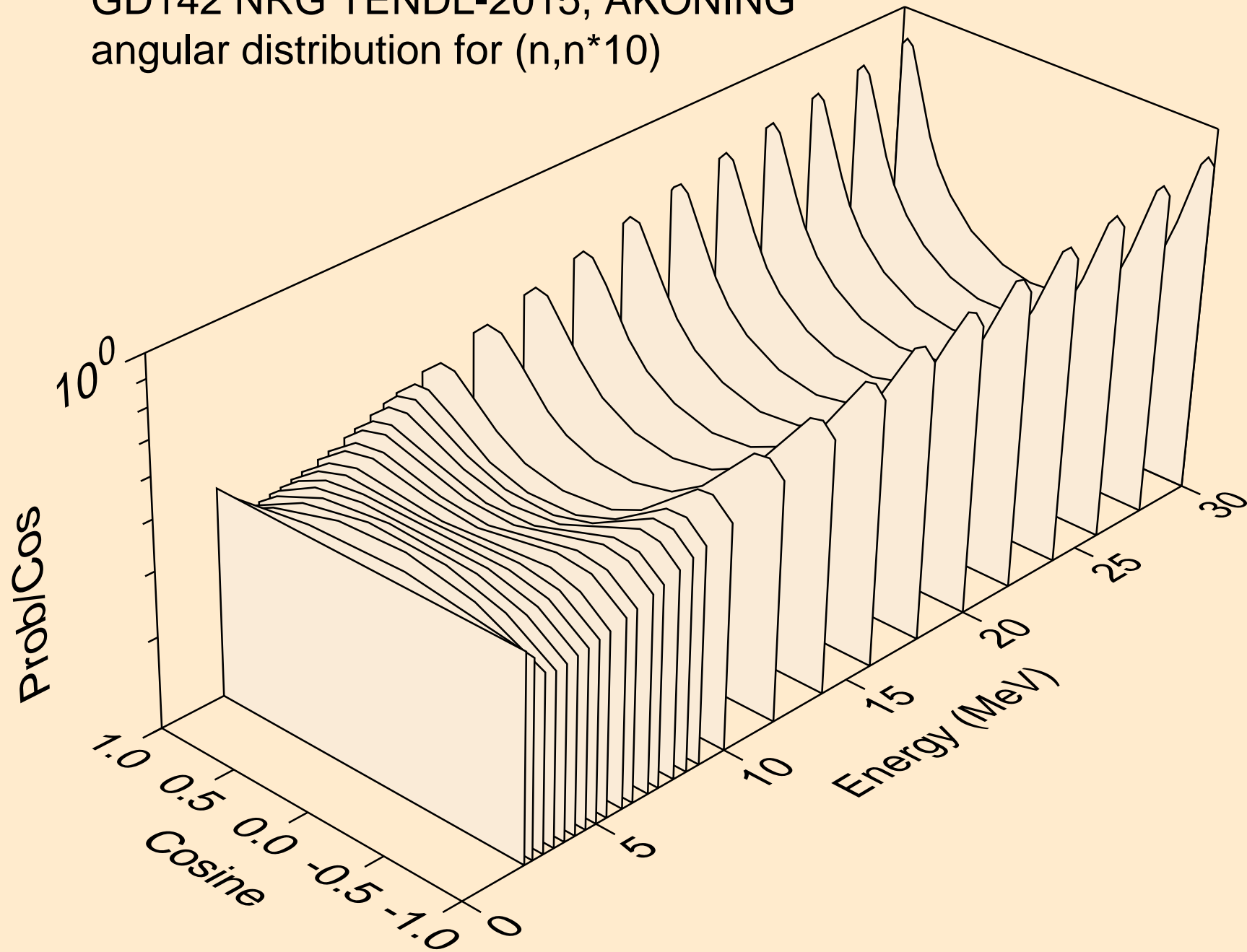


GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

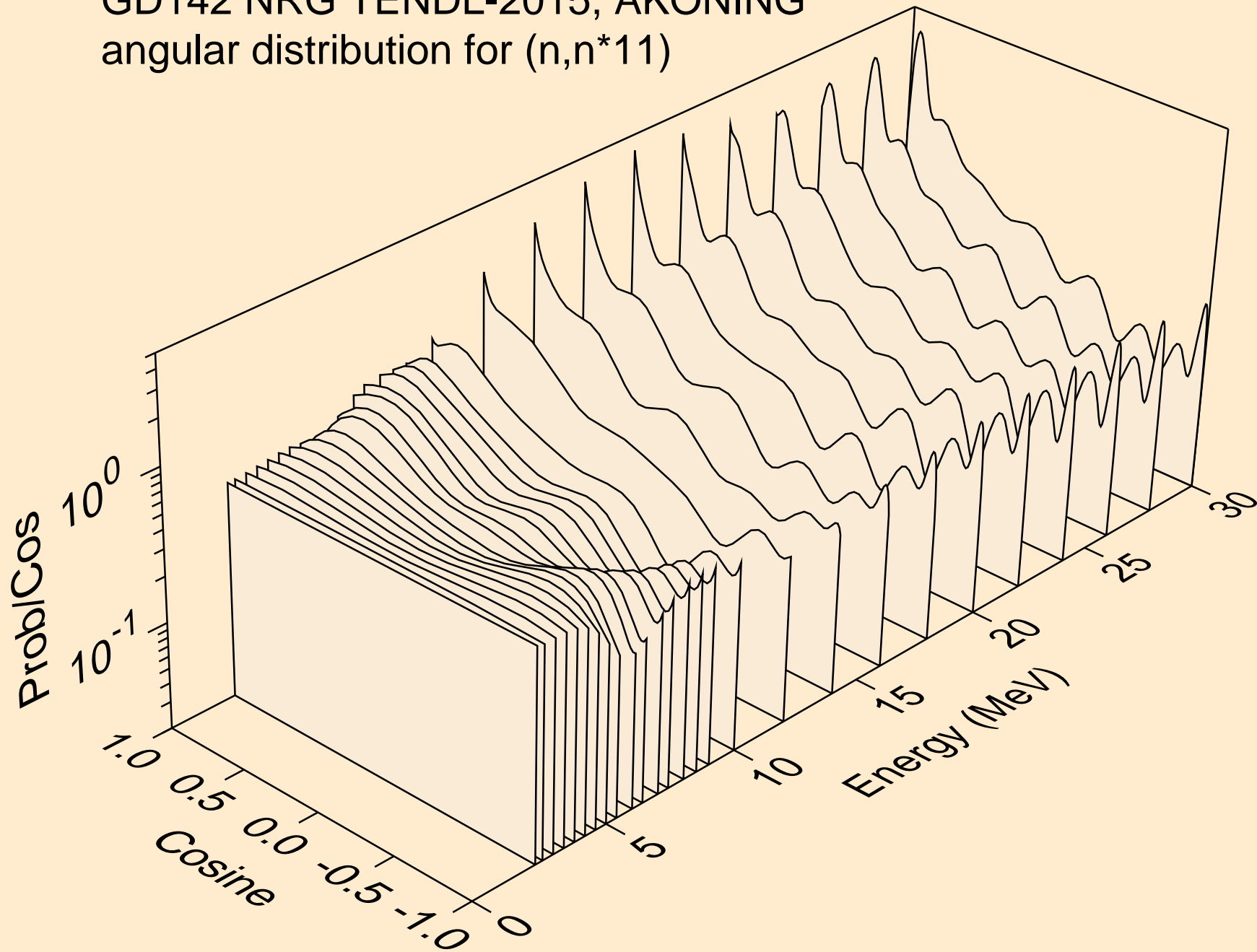




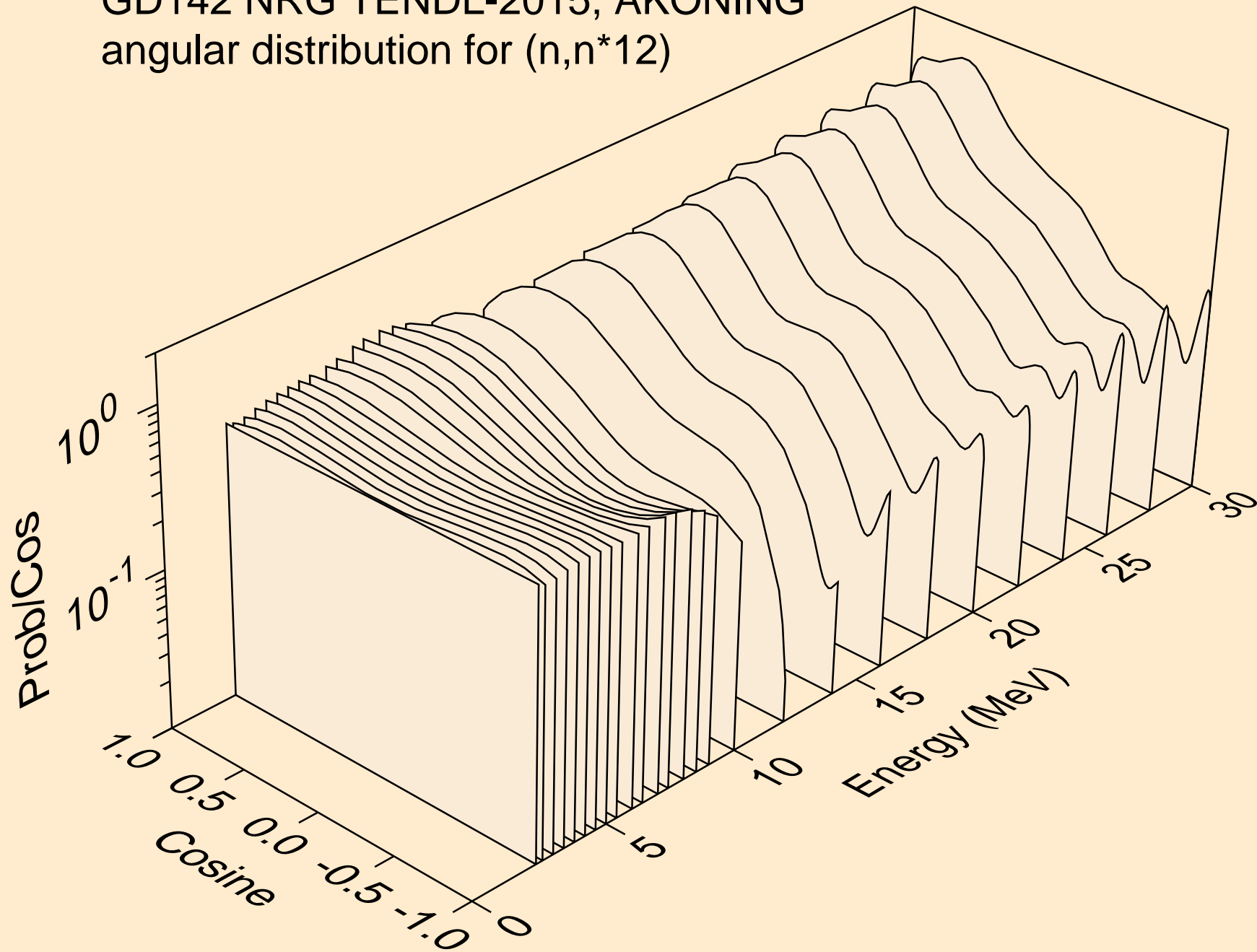
GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



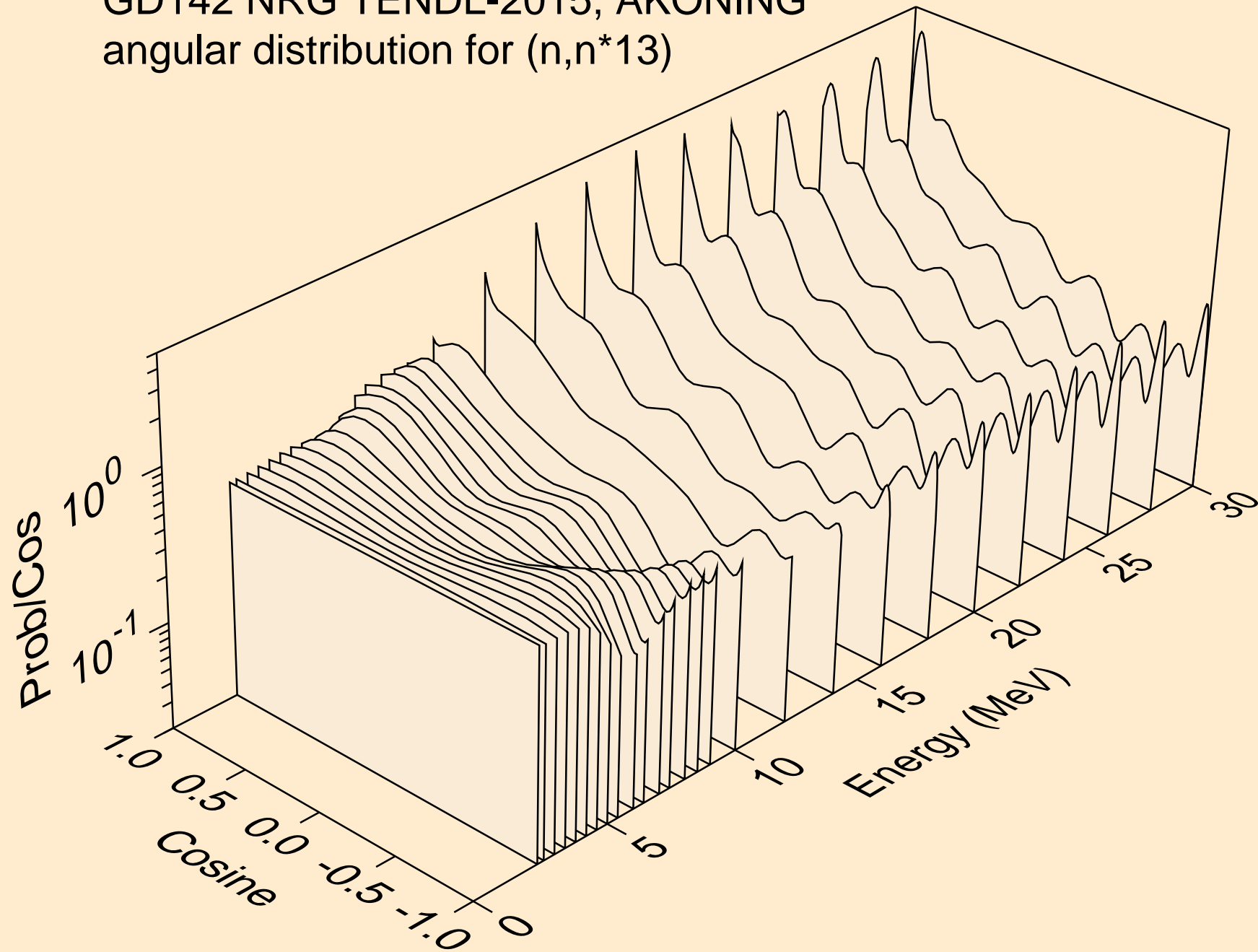
GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



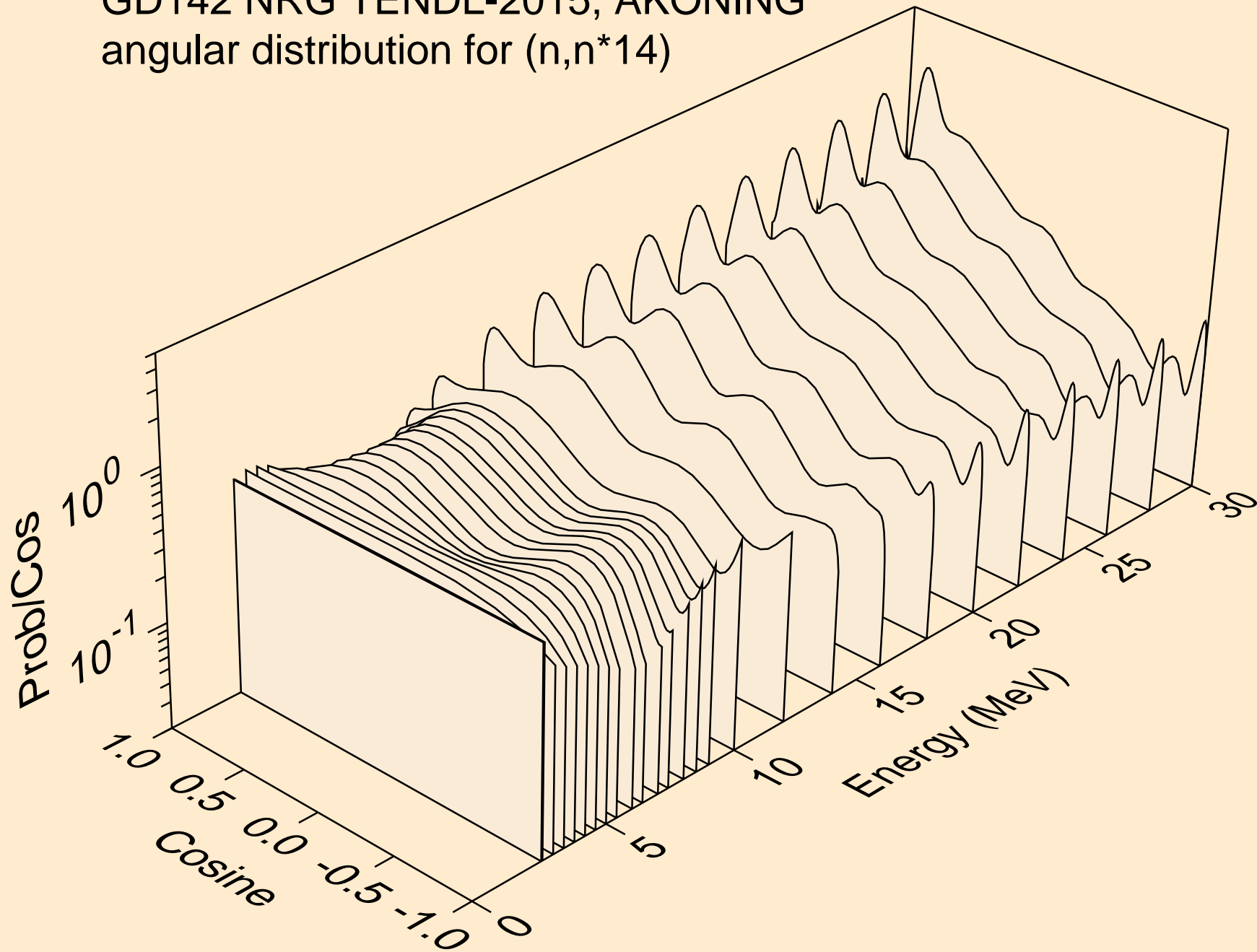
GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



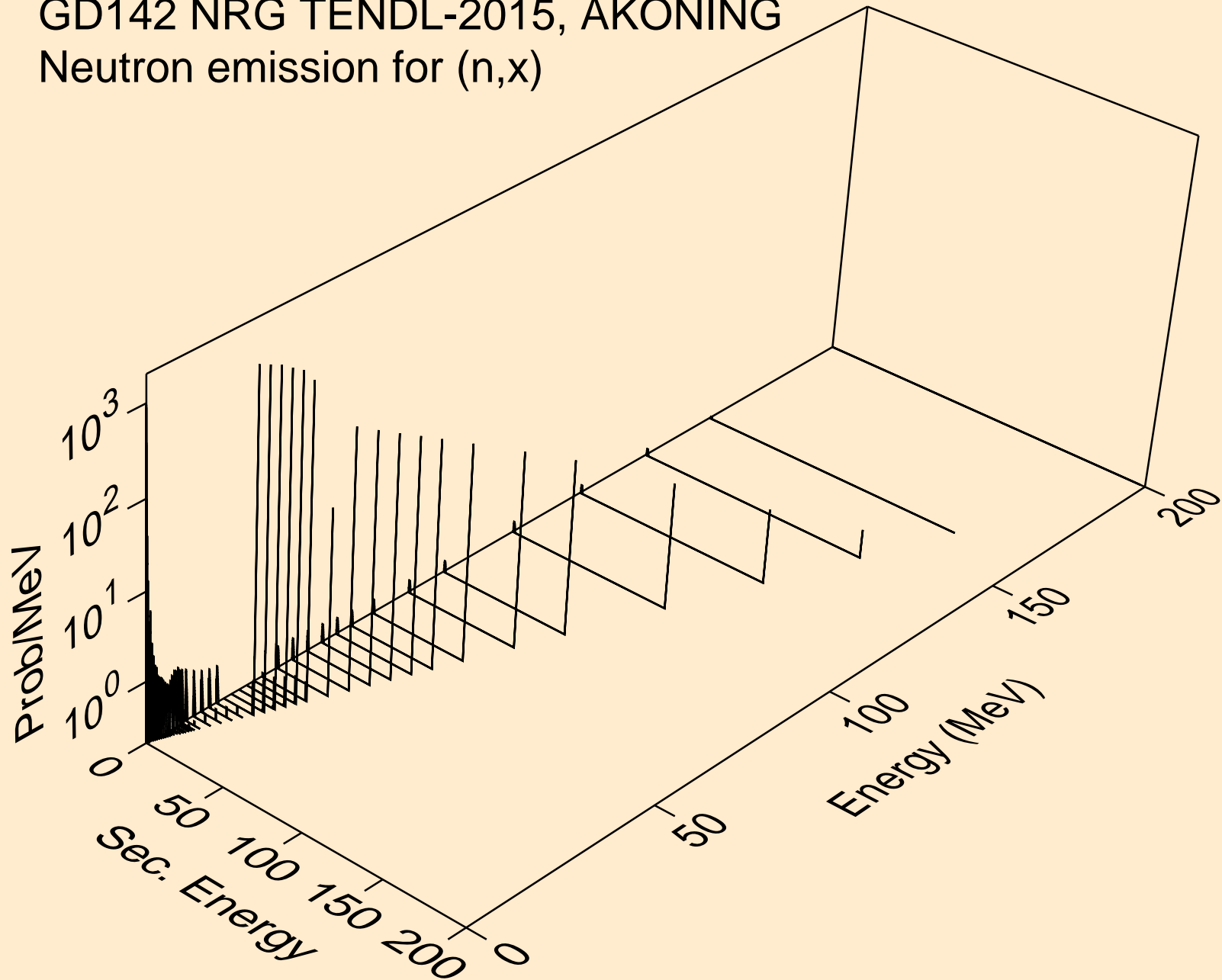
GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



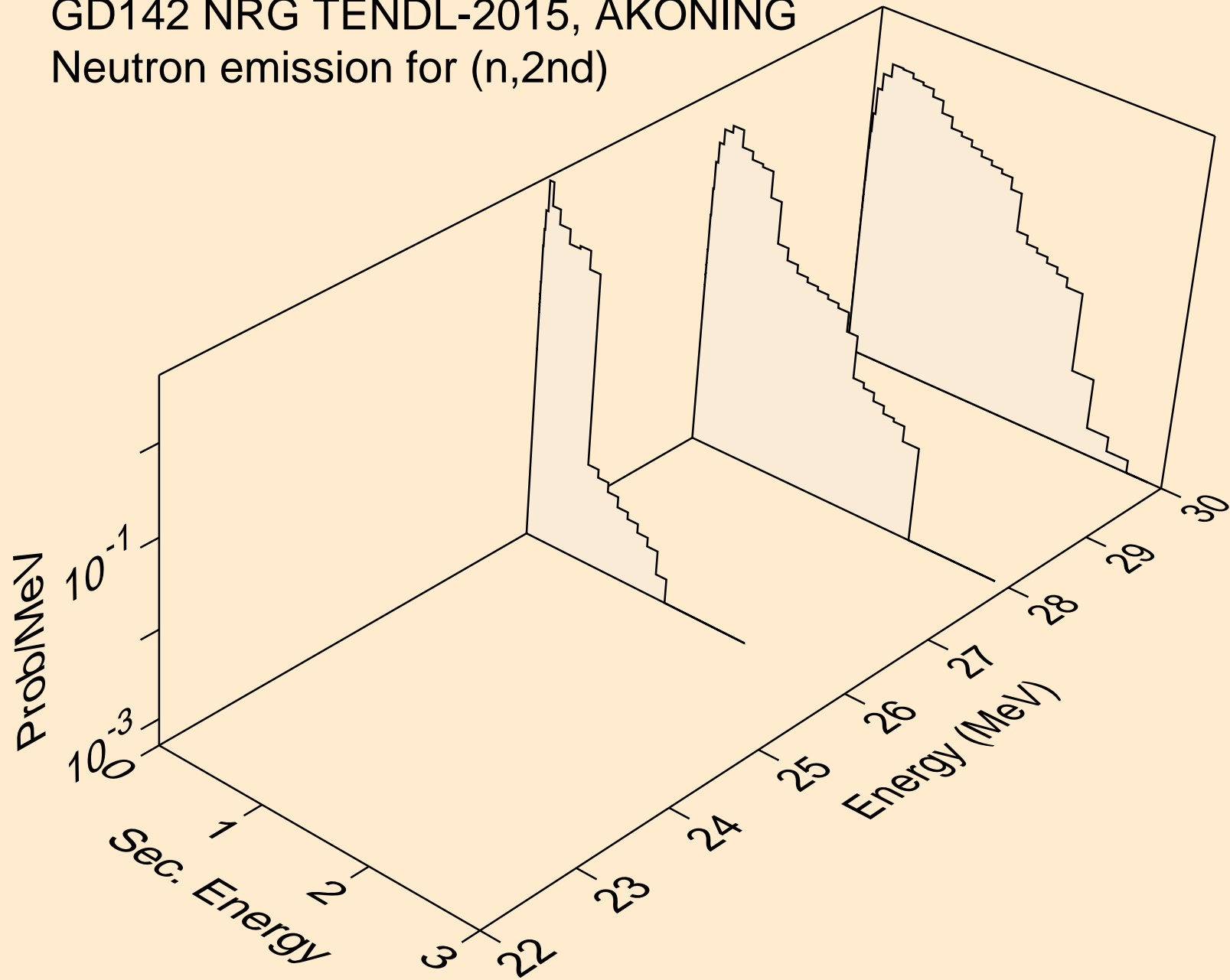
GD142 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



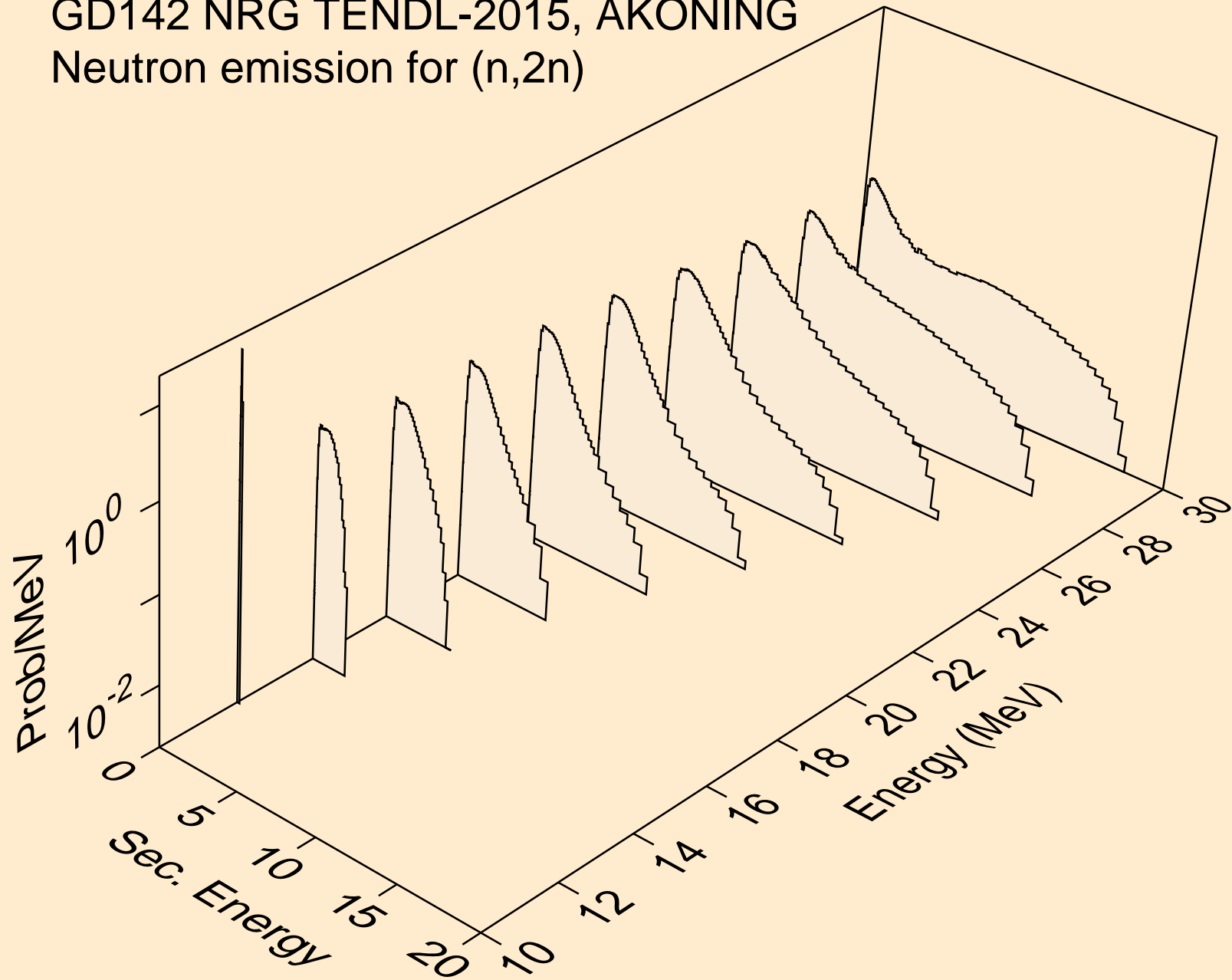
GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

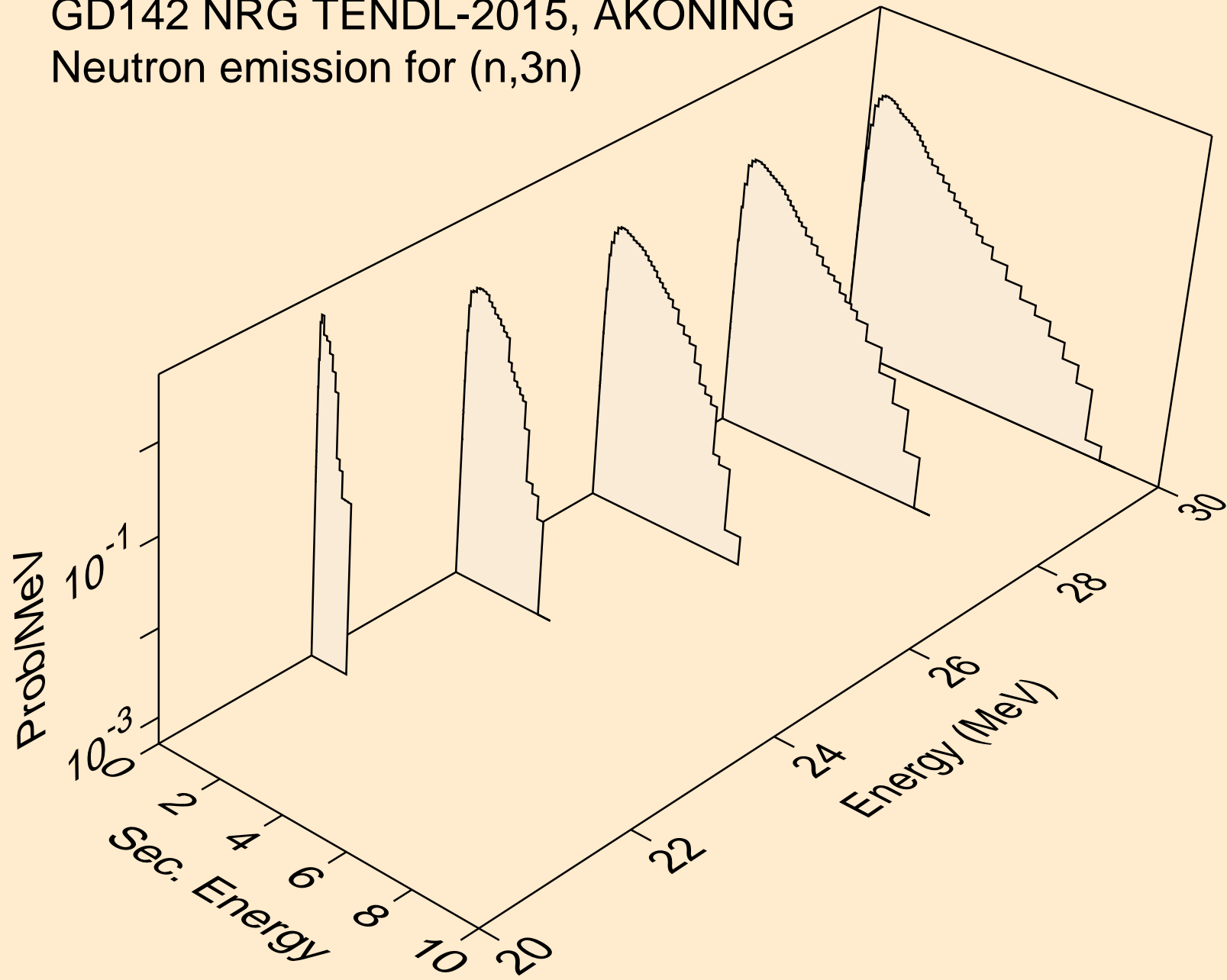


GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

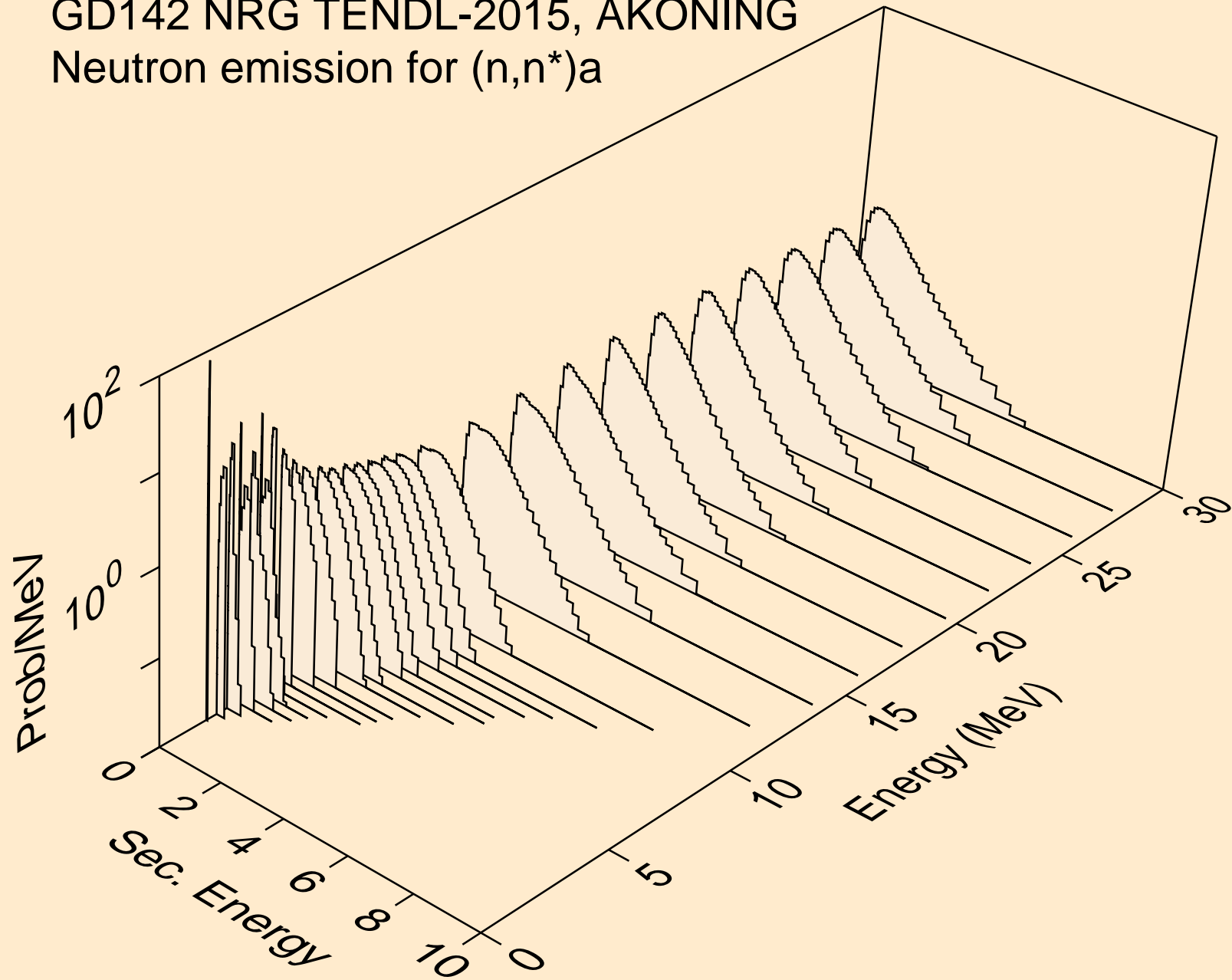




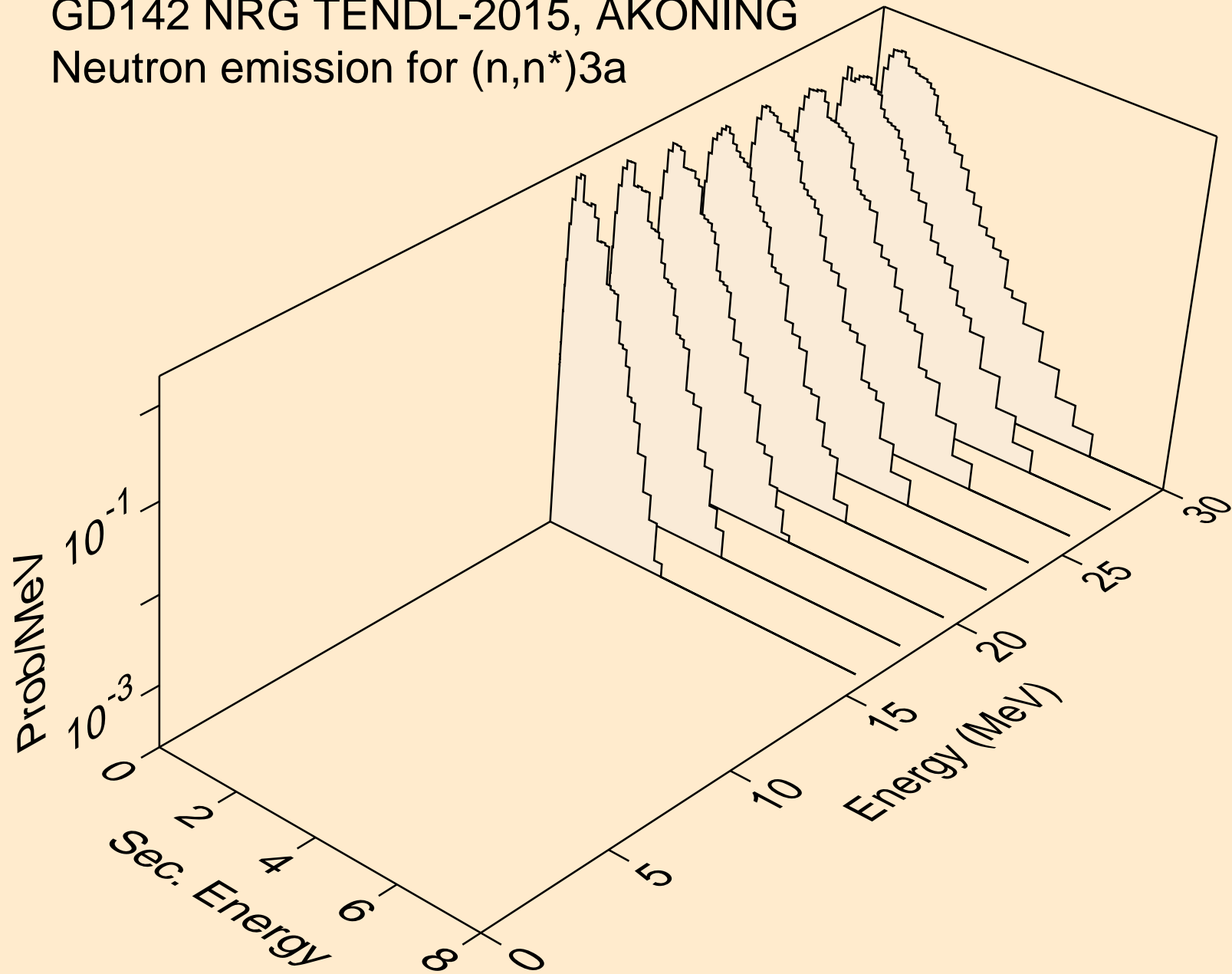
GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



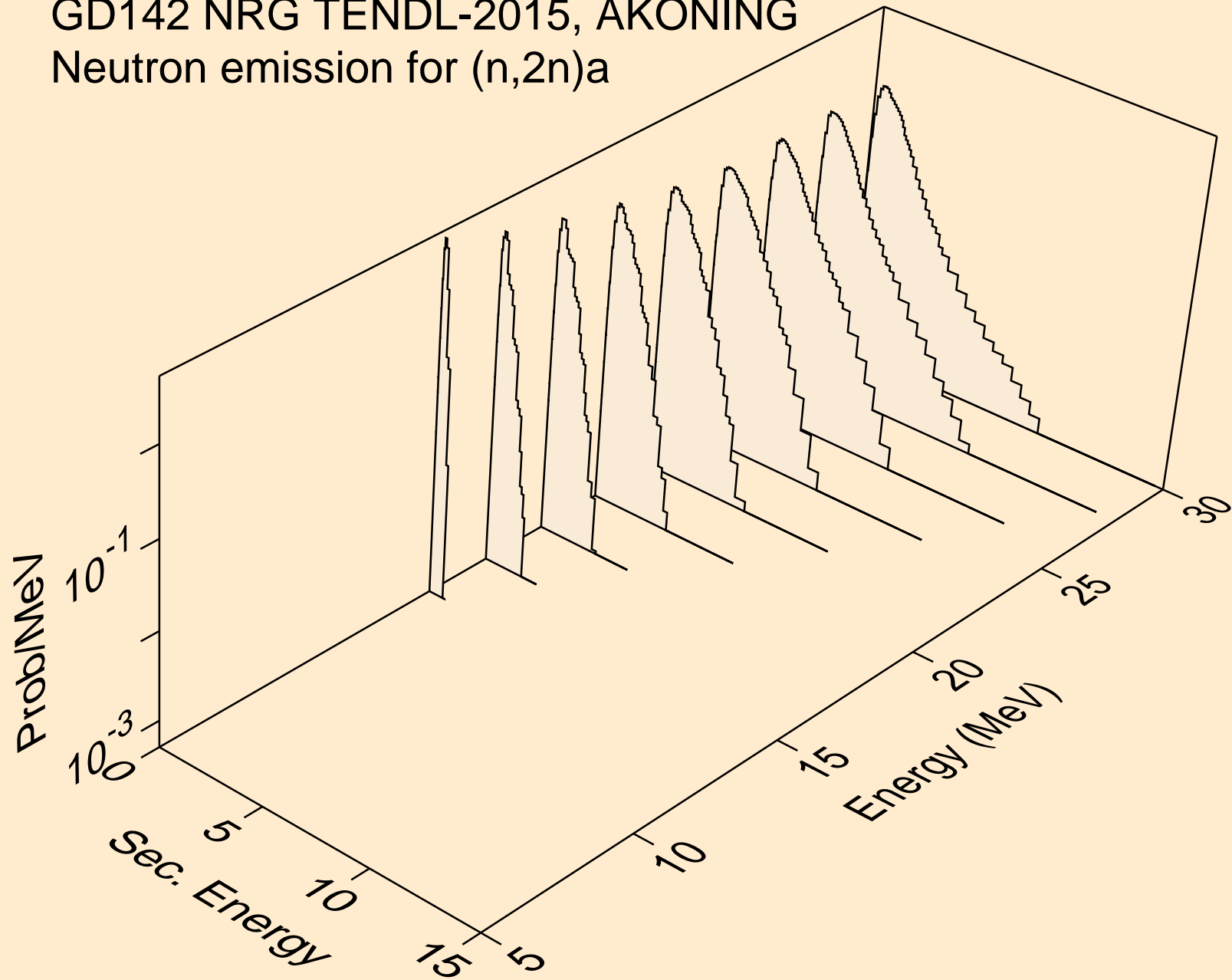
GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



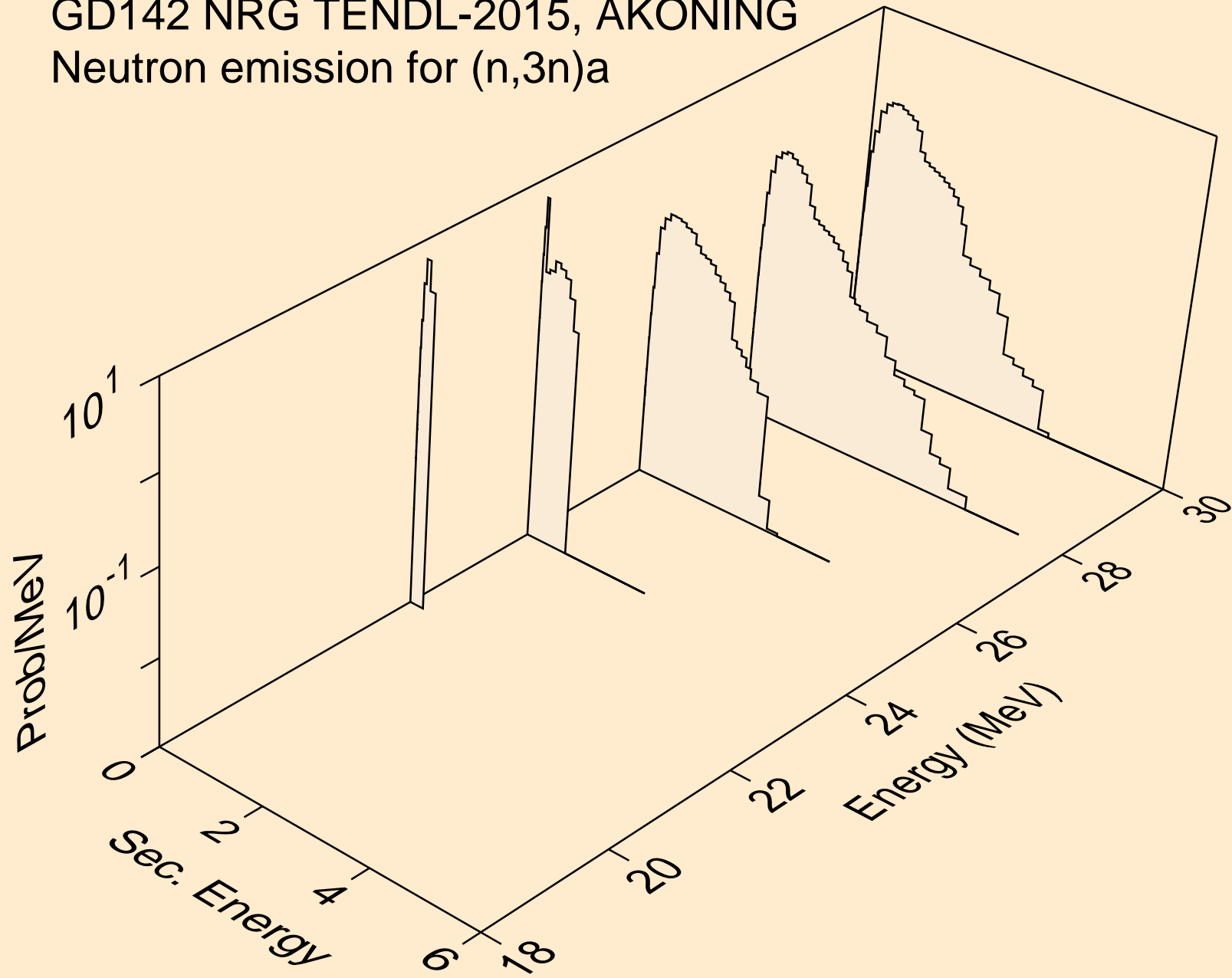
GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



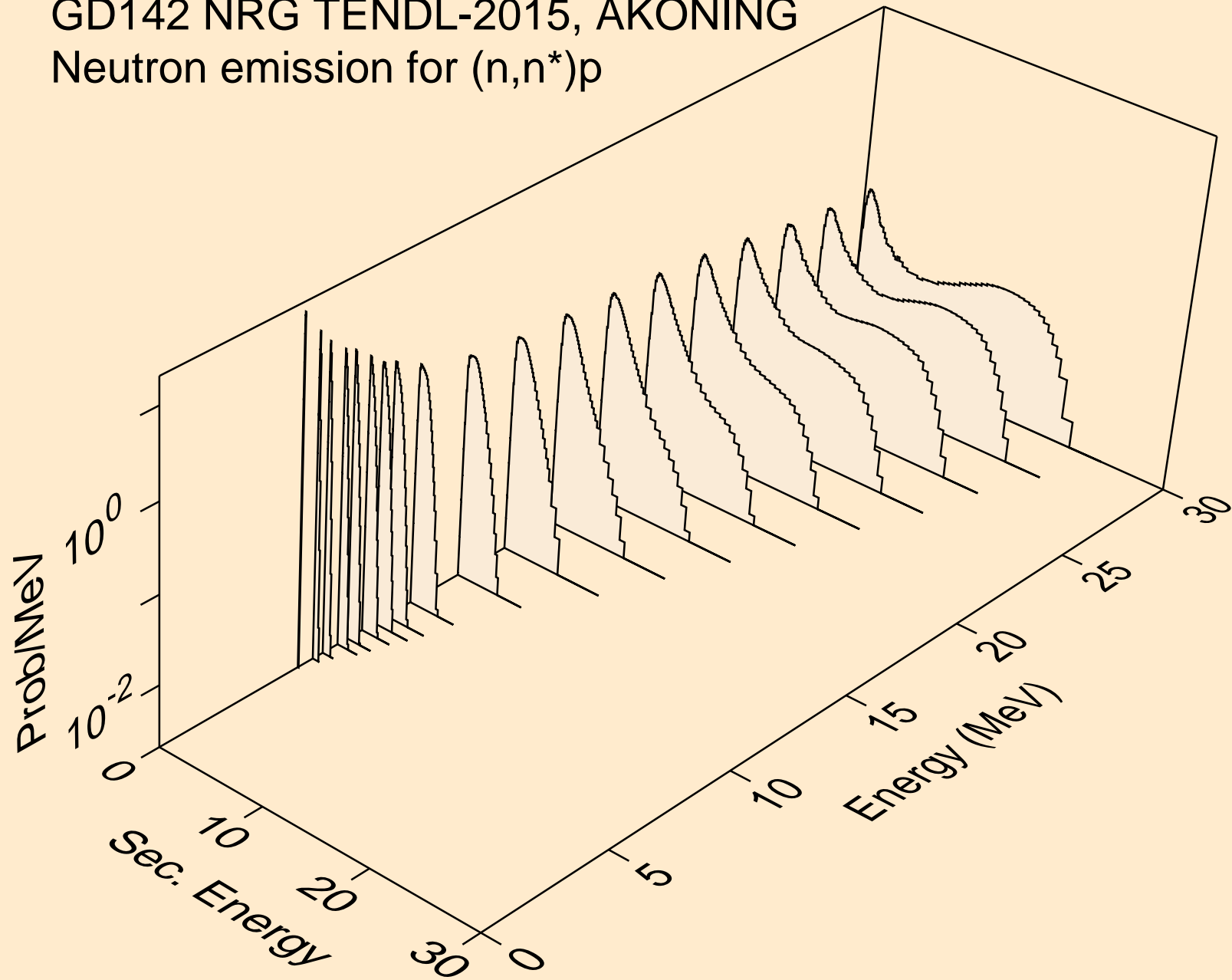
GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



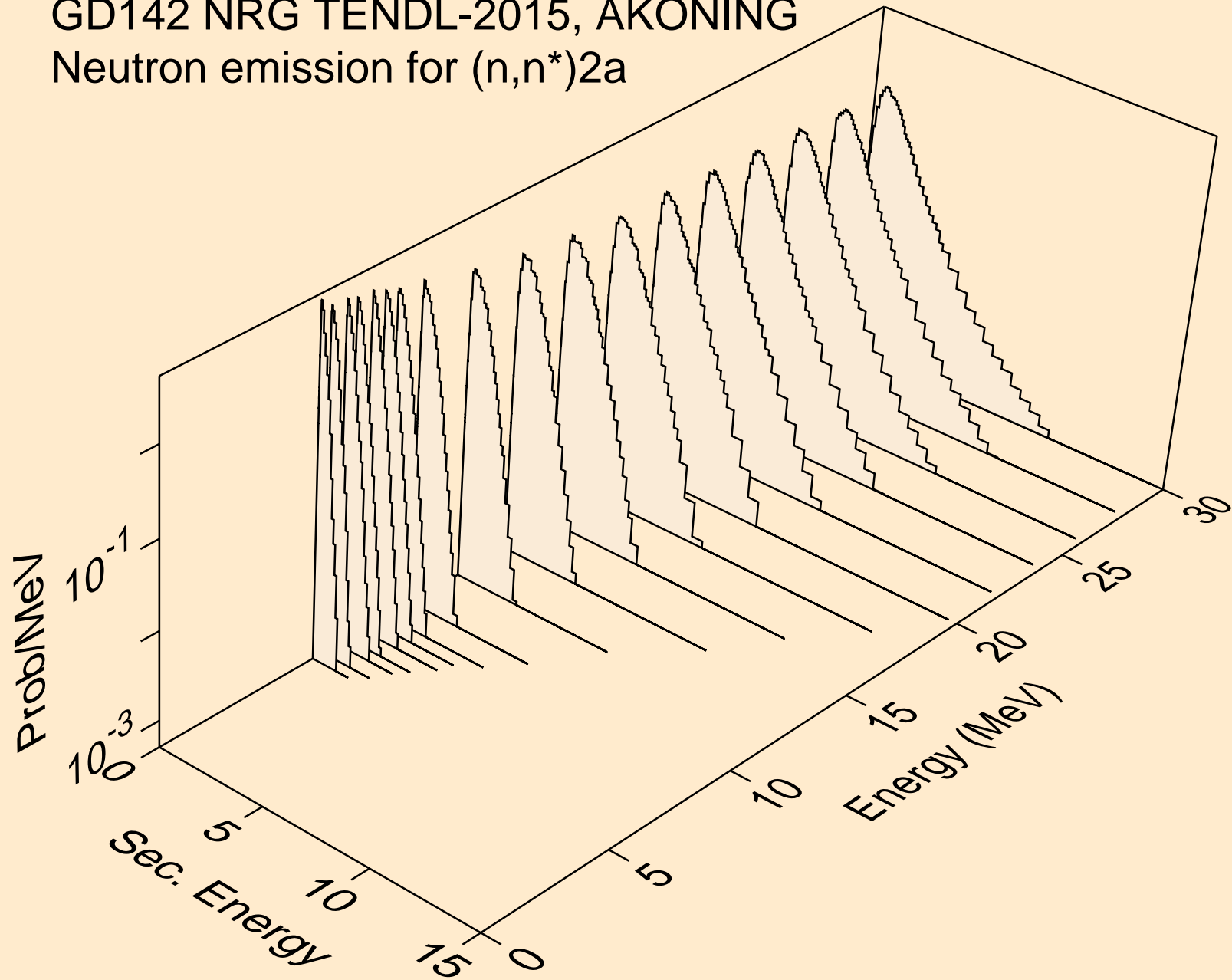
GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



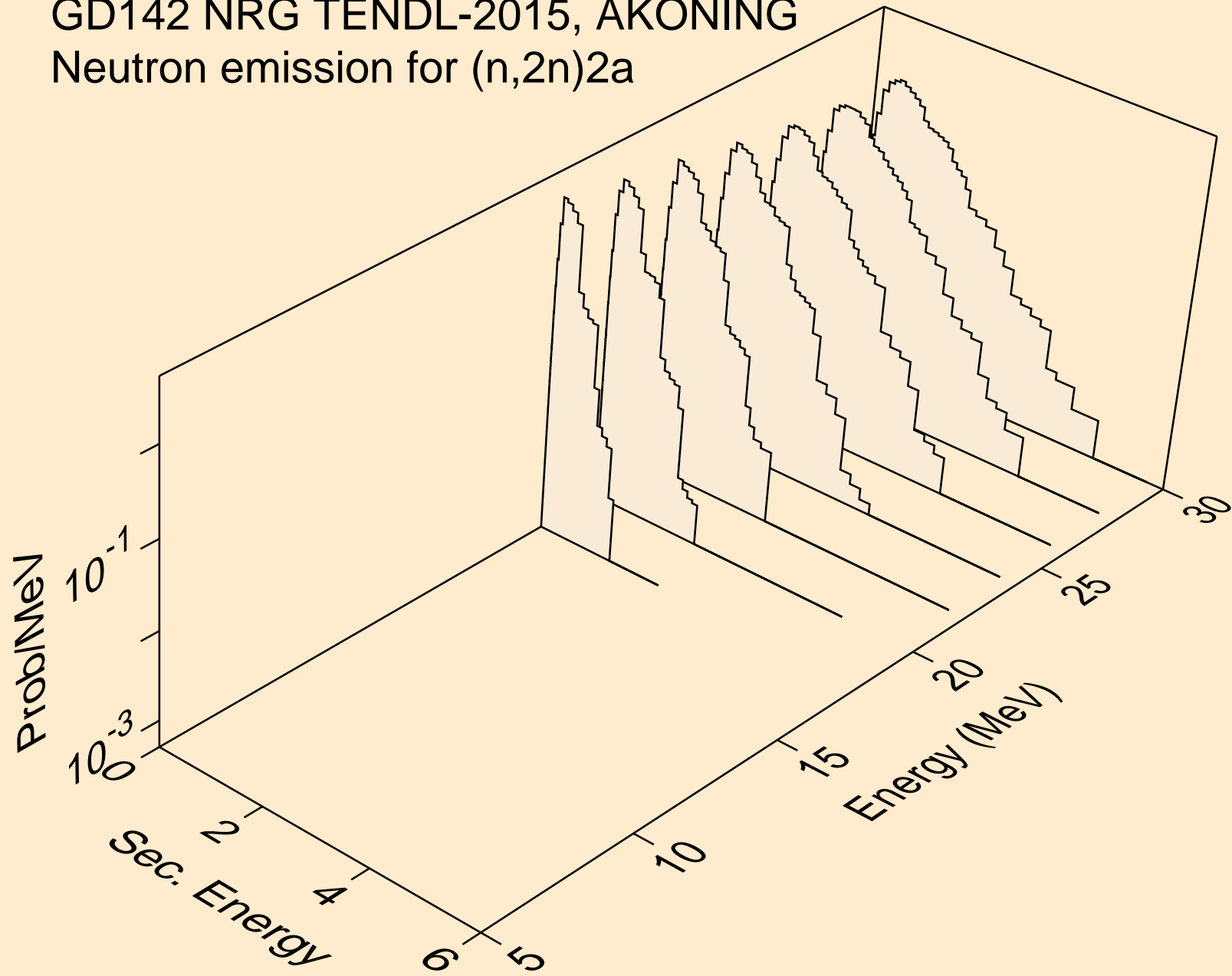
GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

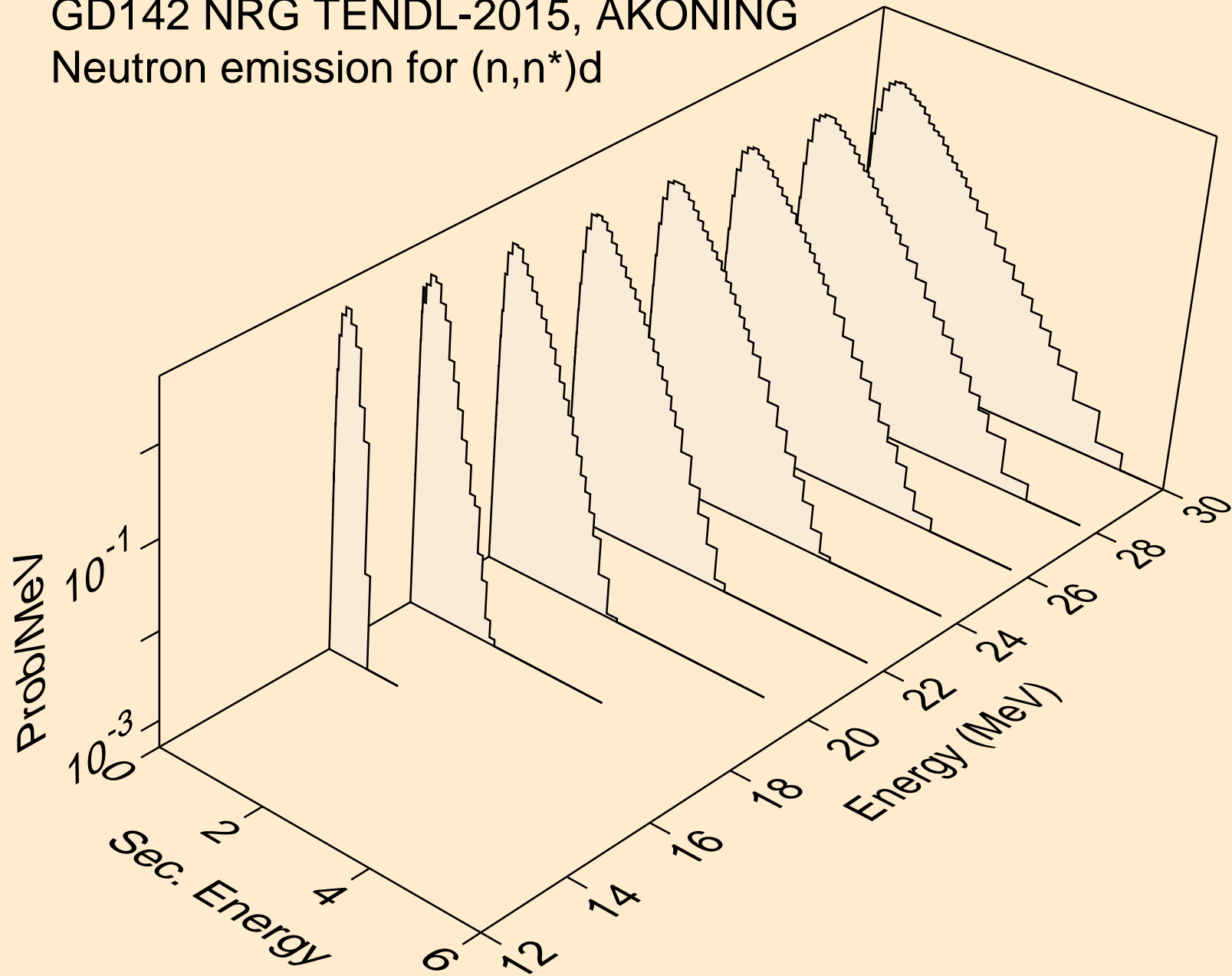


GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

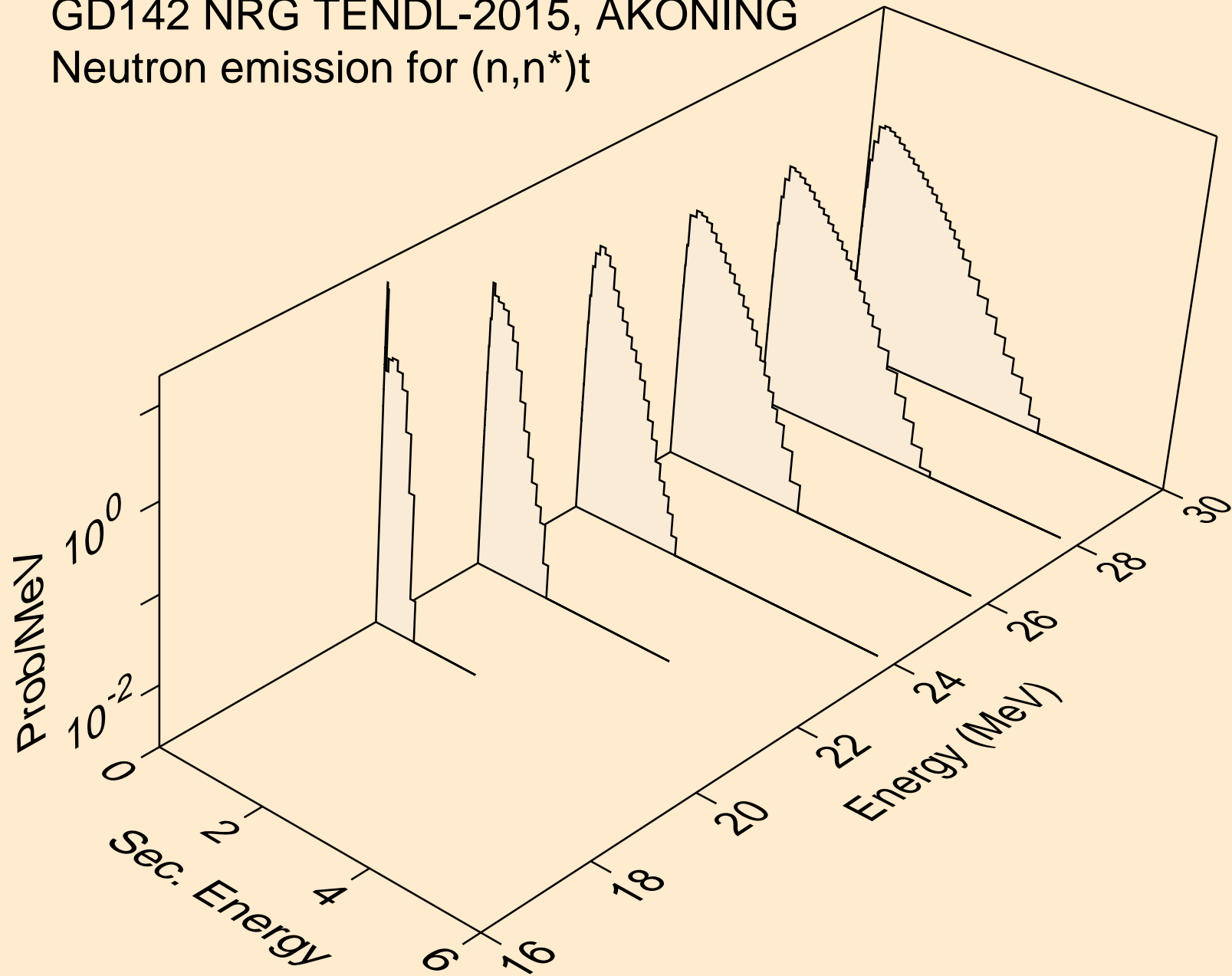




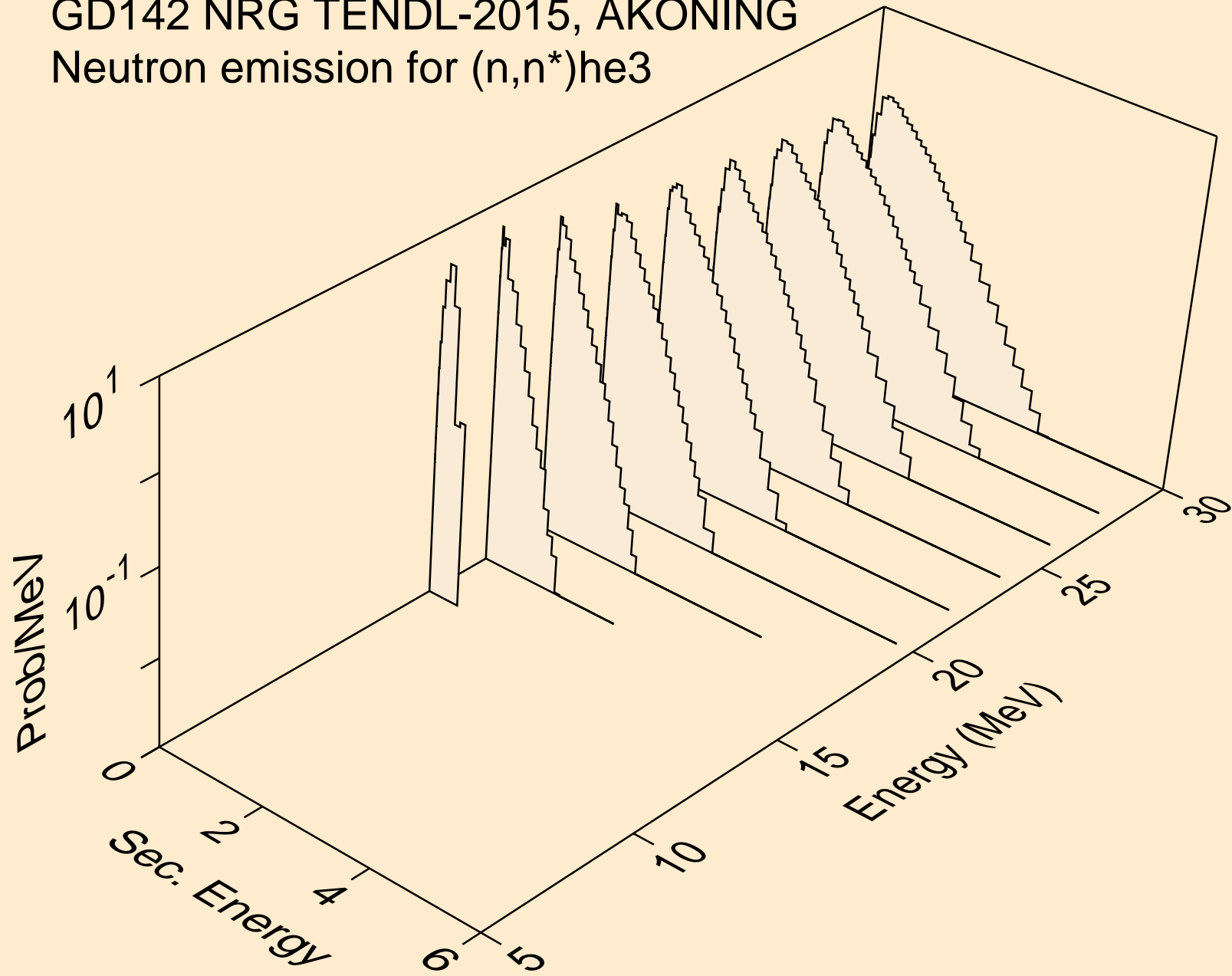
GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



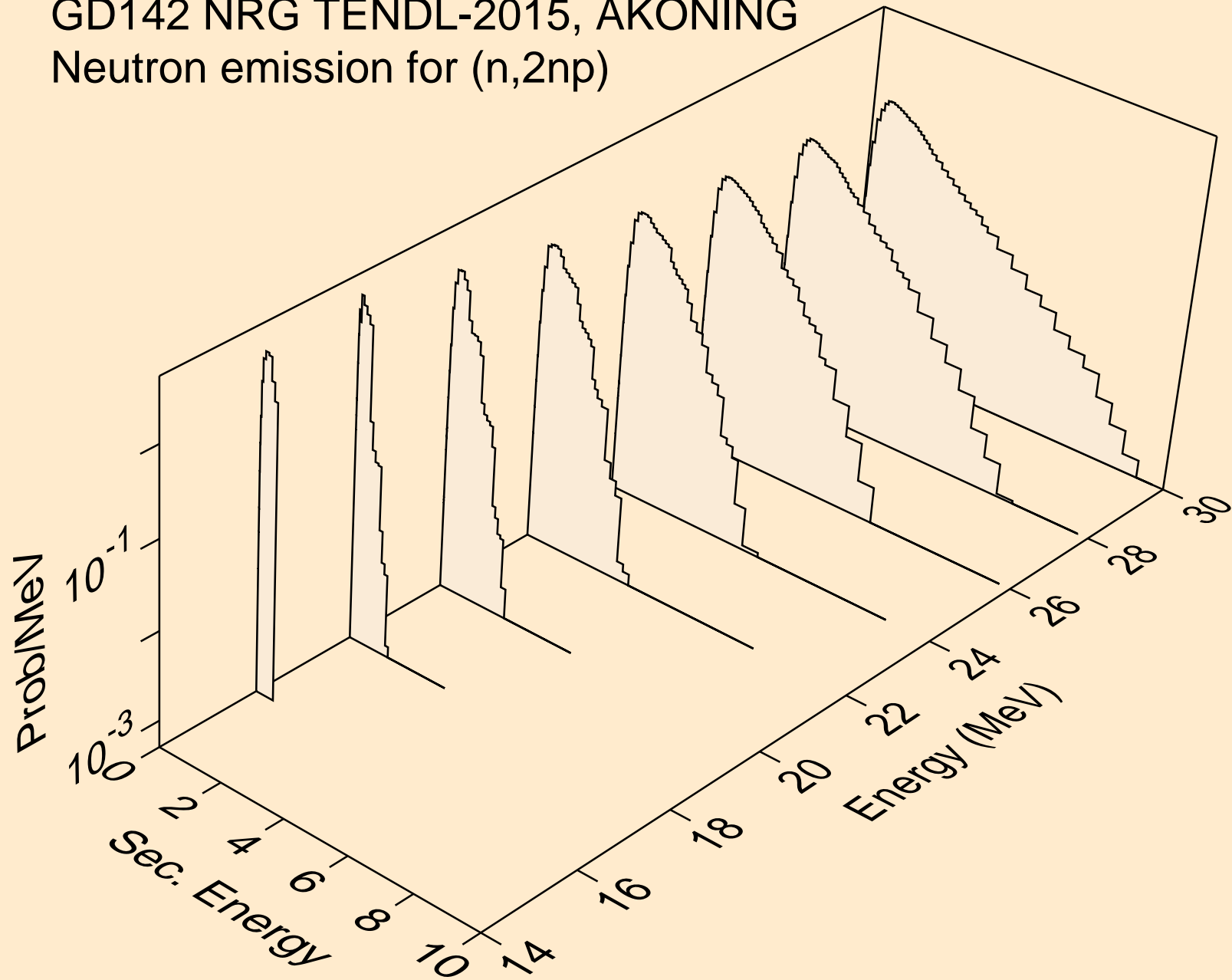
GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



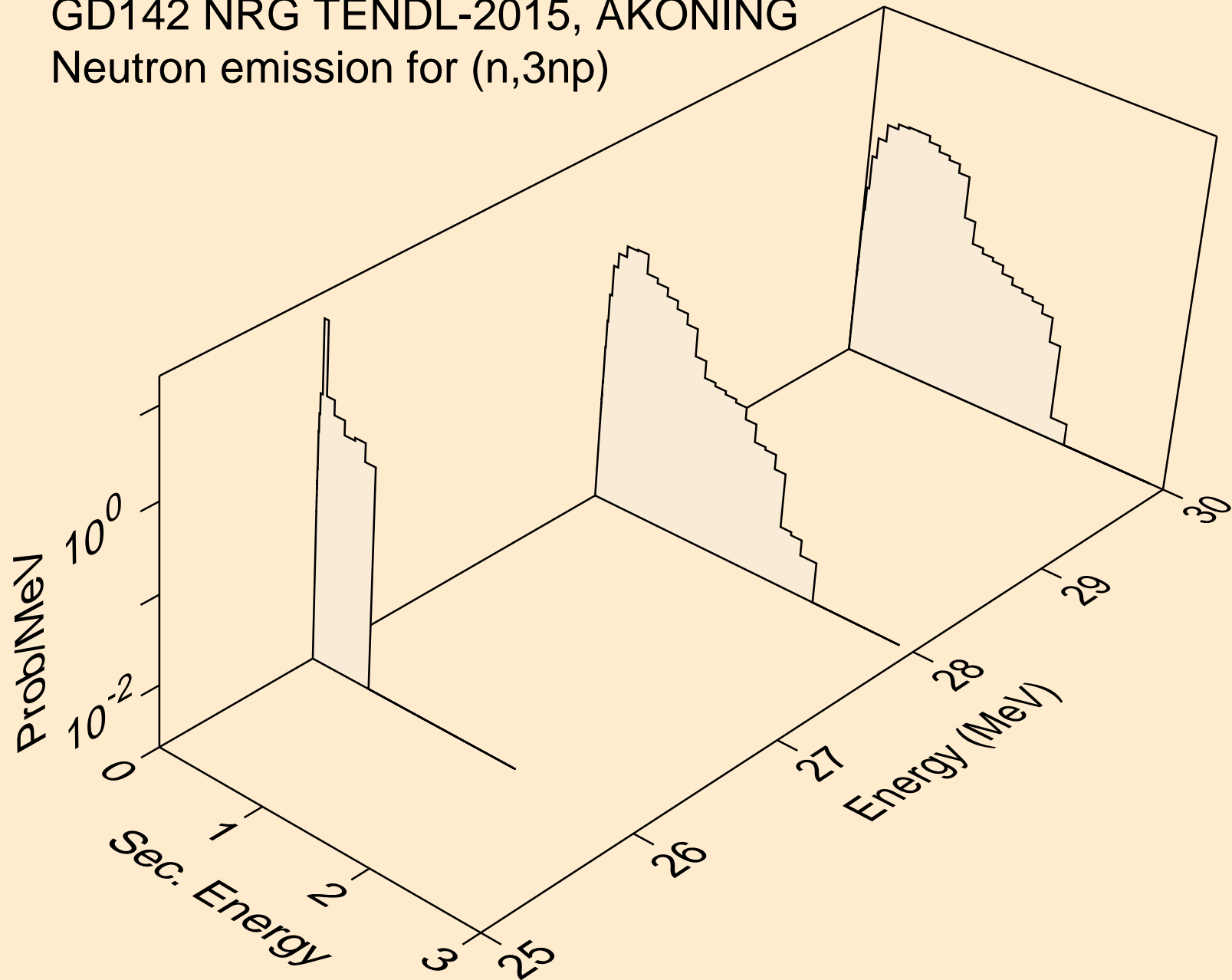
GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



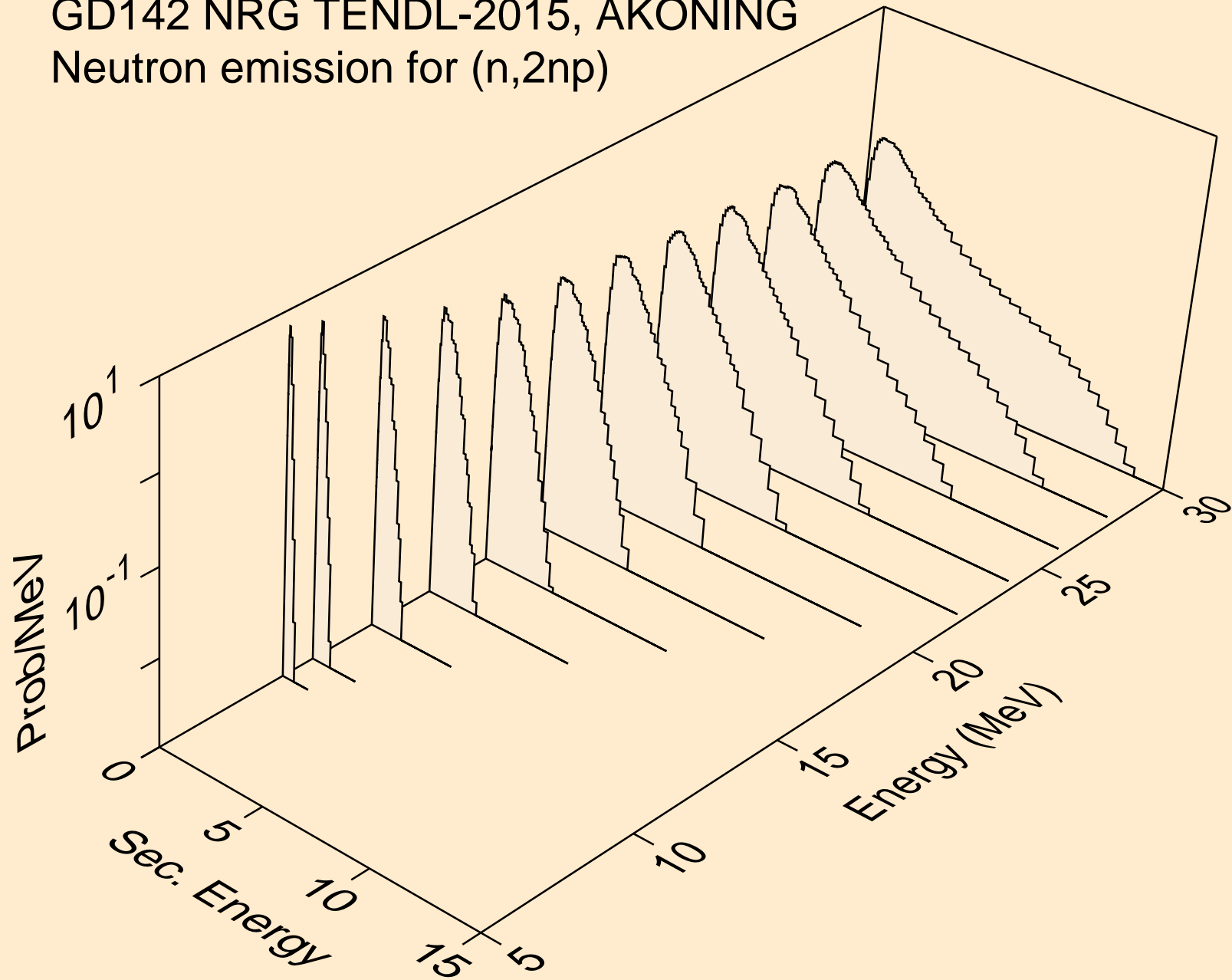
GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



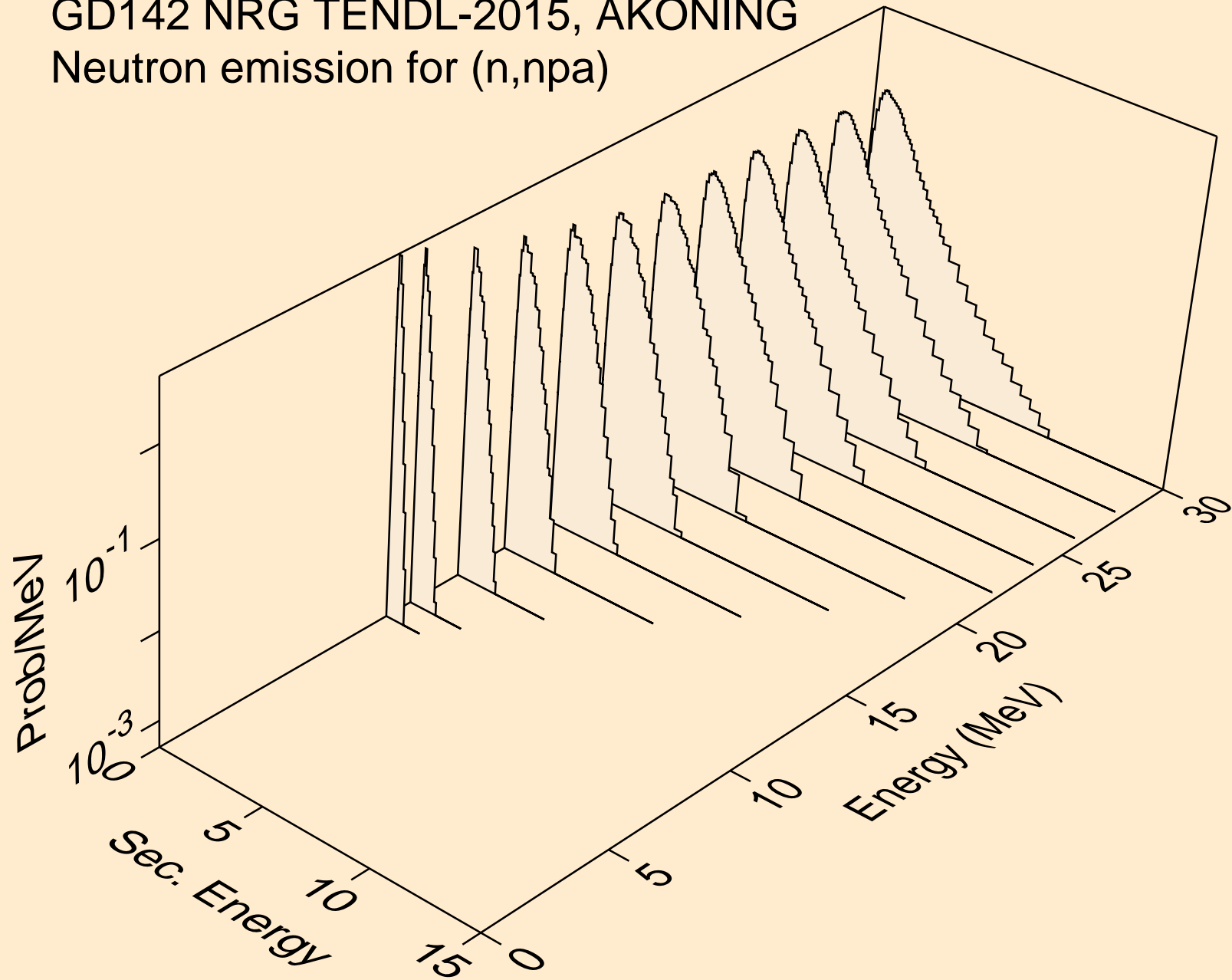
GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



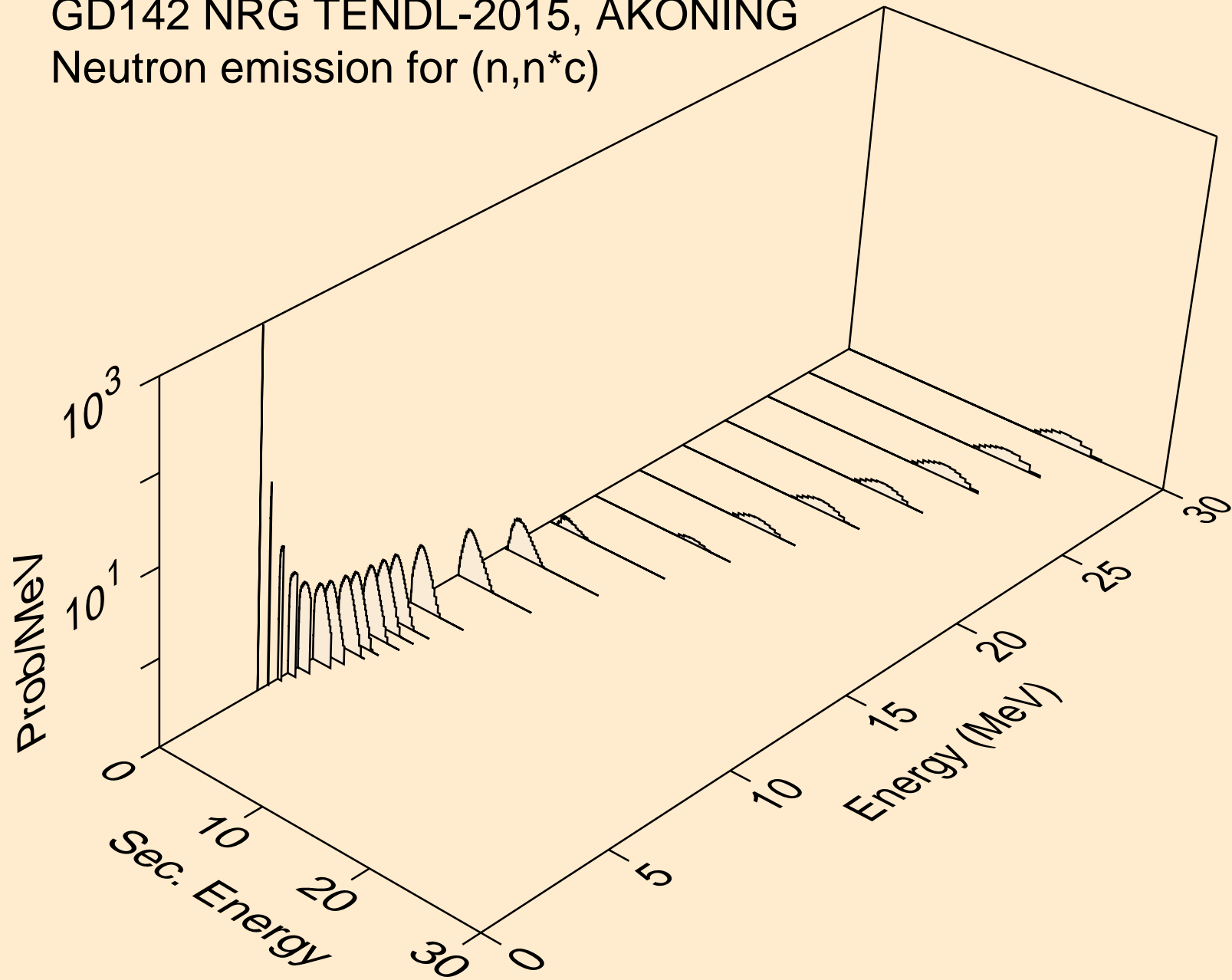
GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

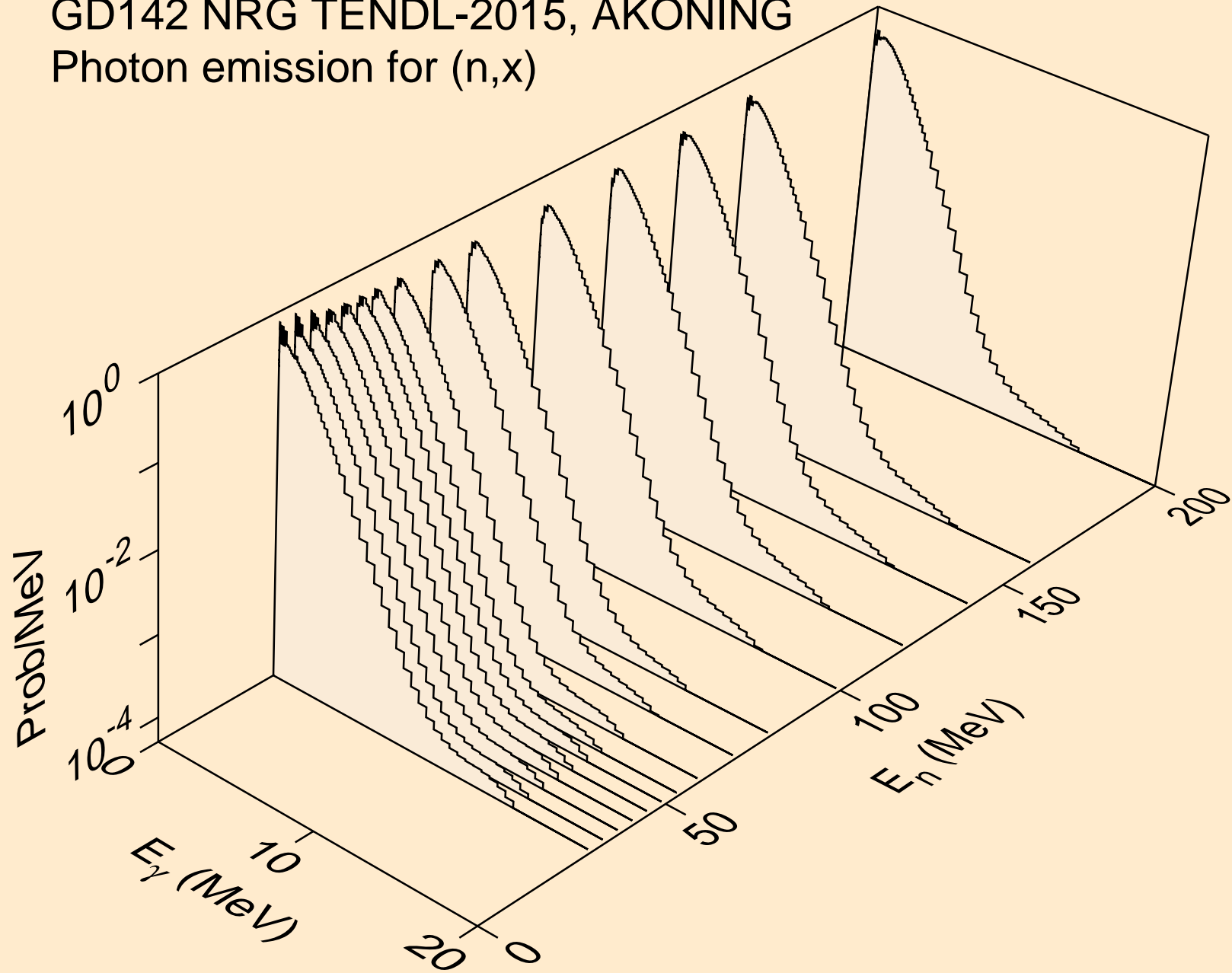


GD142 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

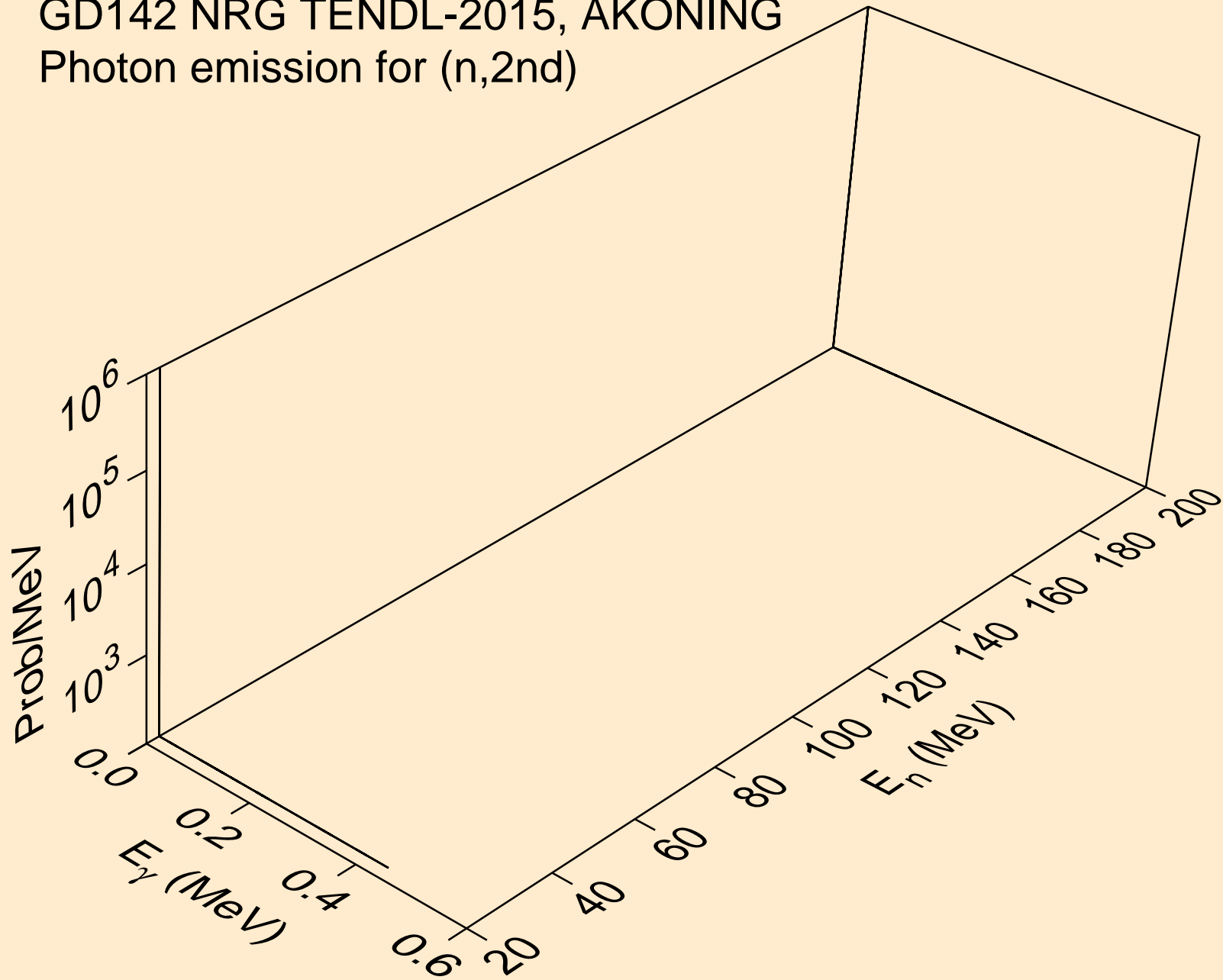




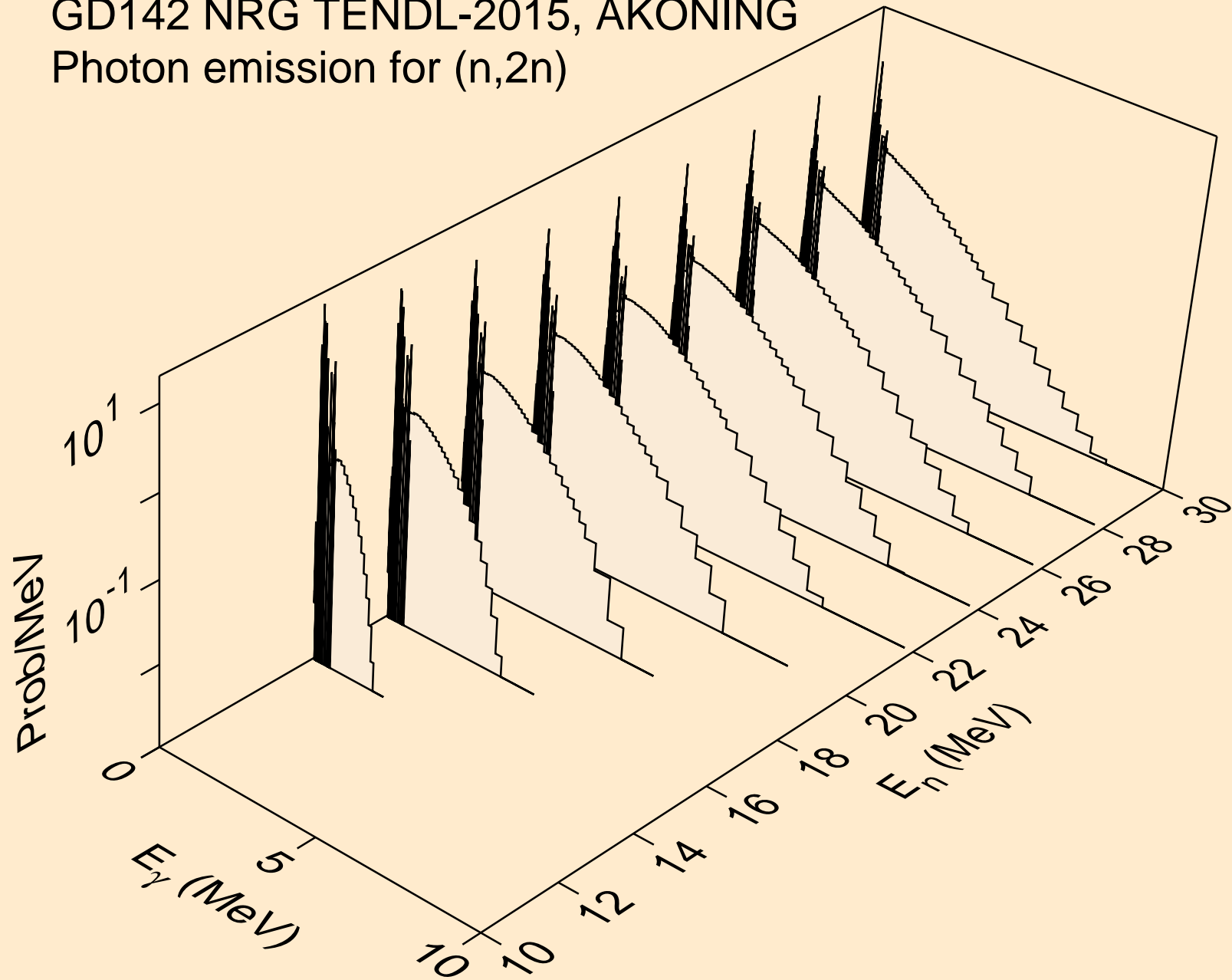
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



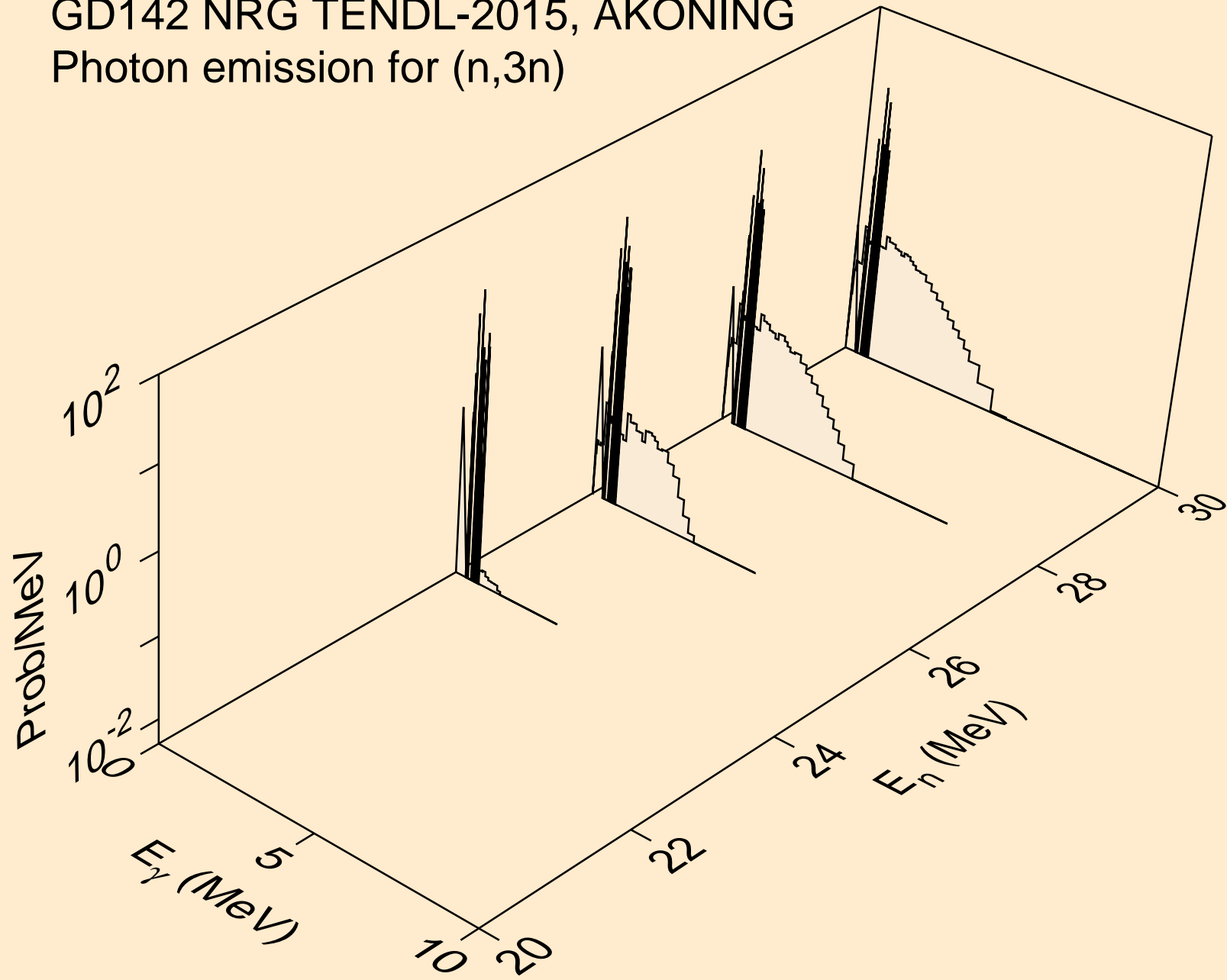
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



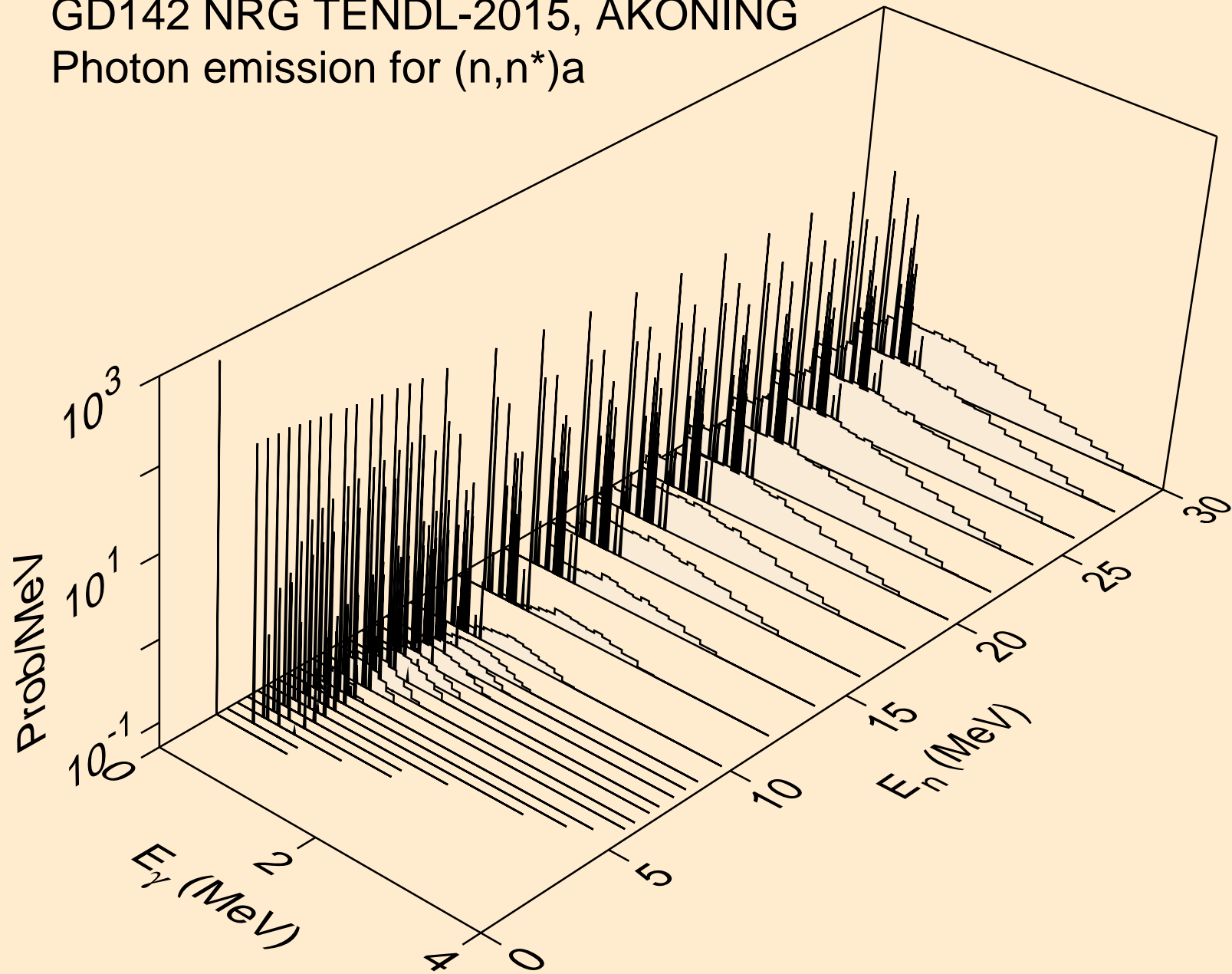
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



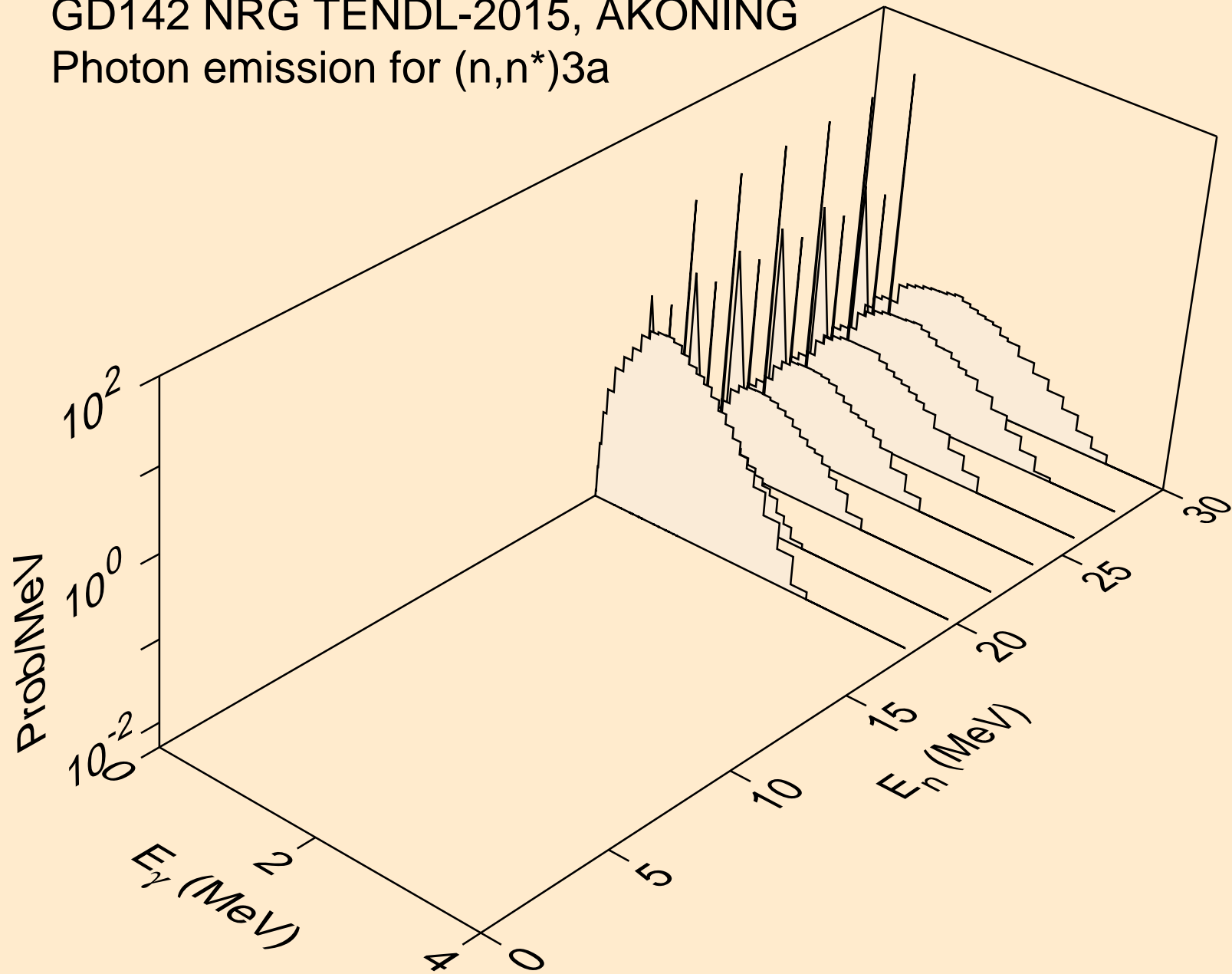
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



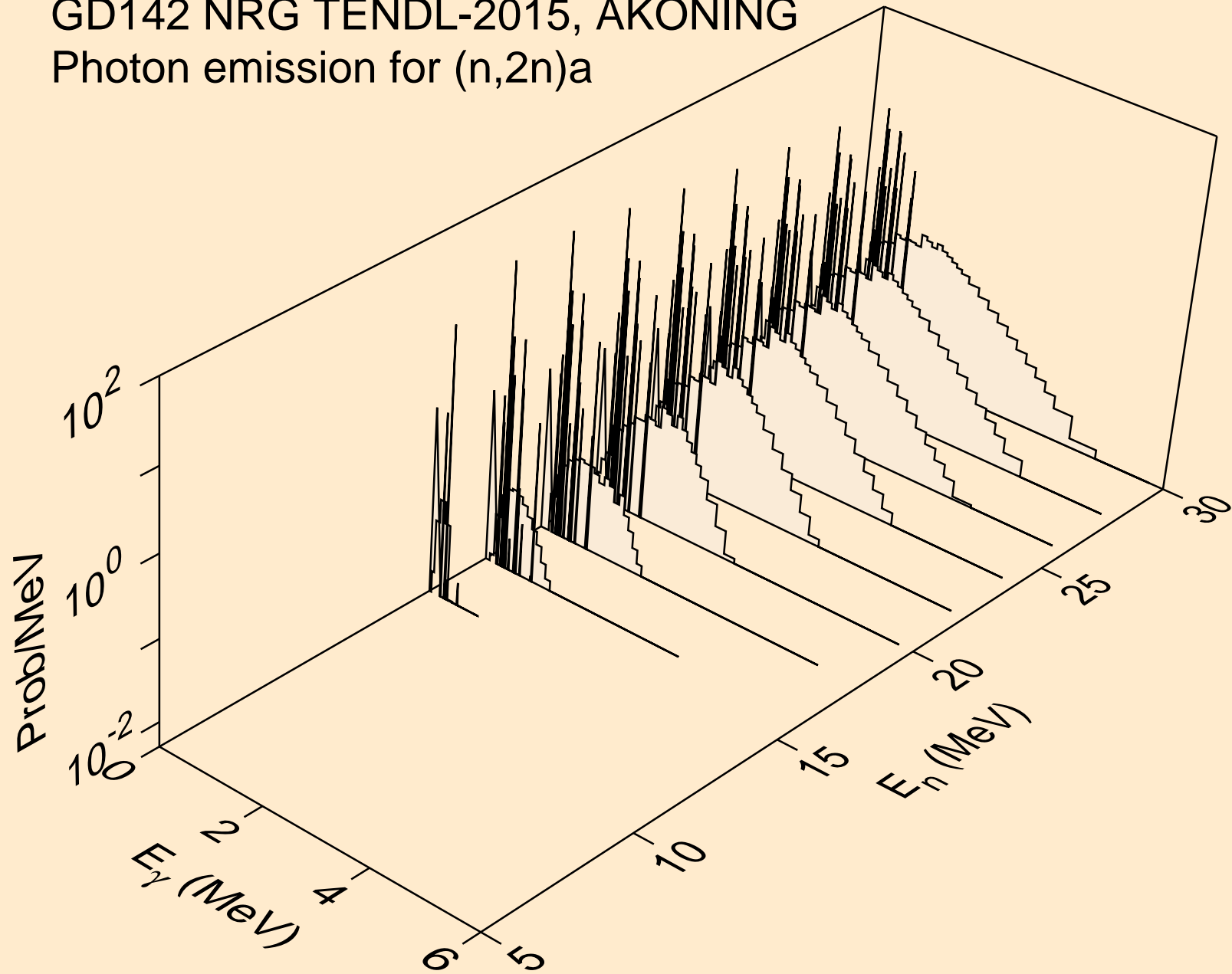
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



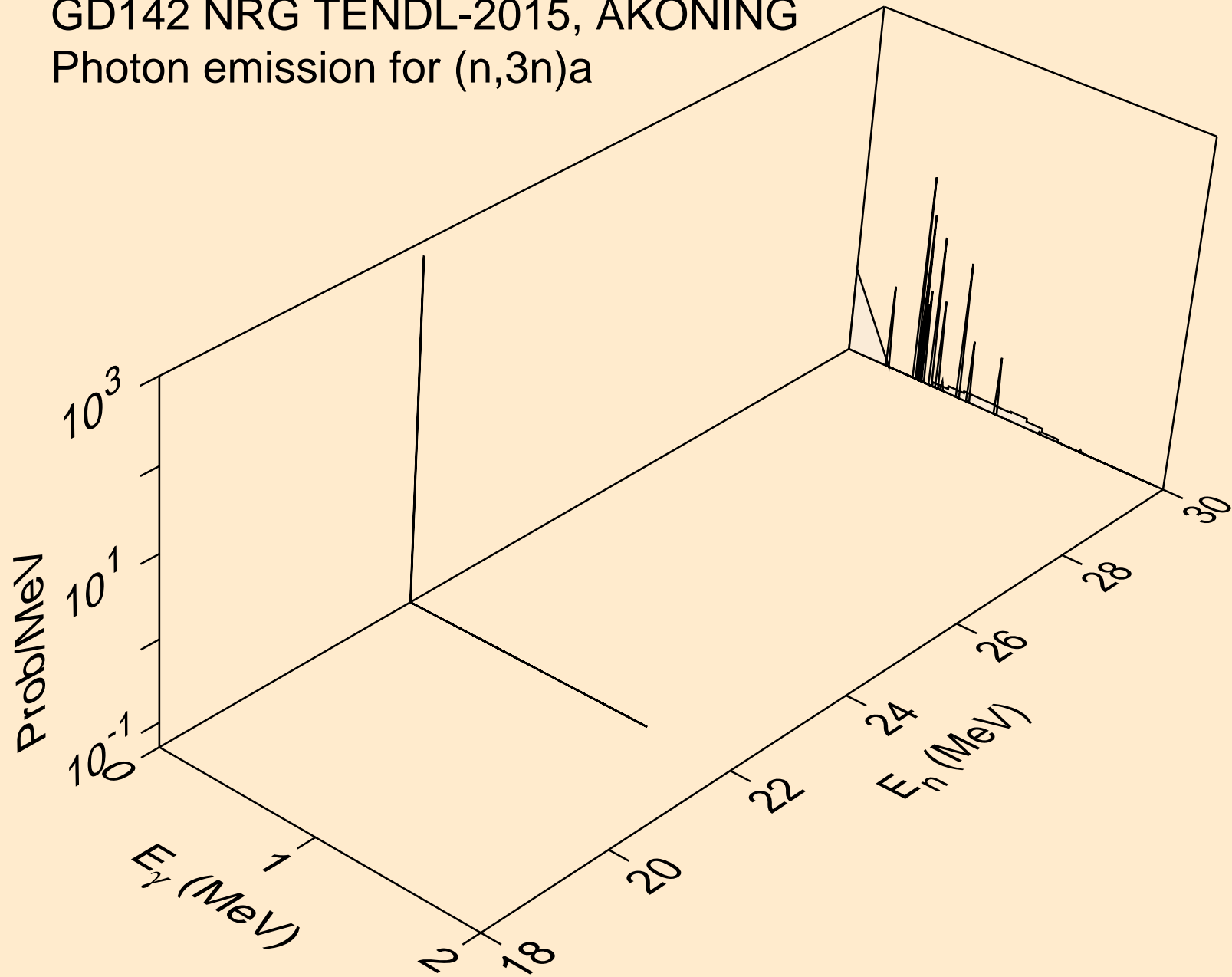
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,2n) $\alpha$

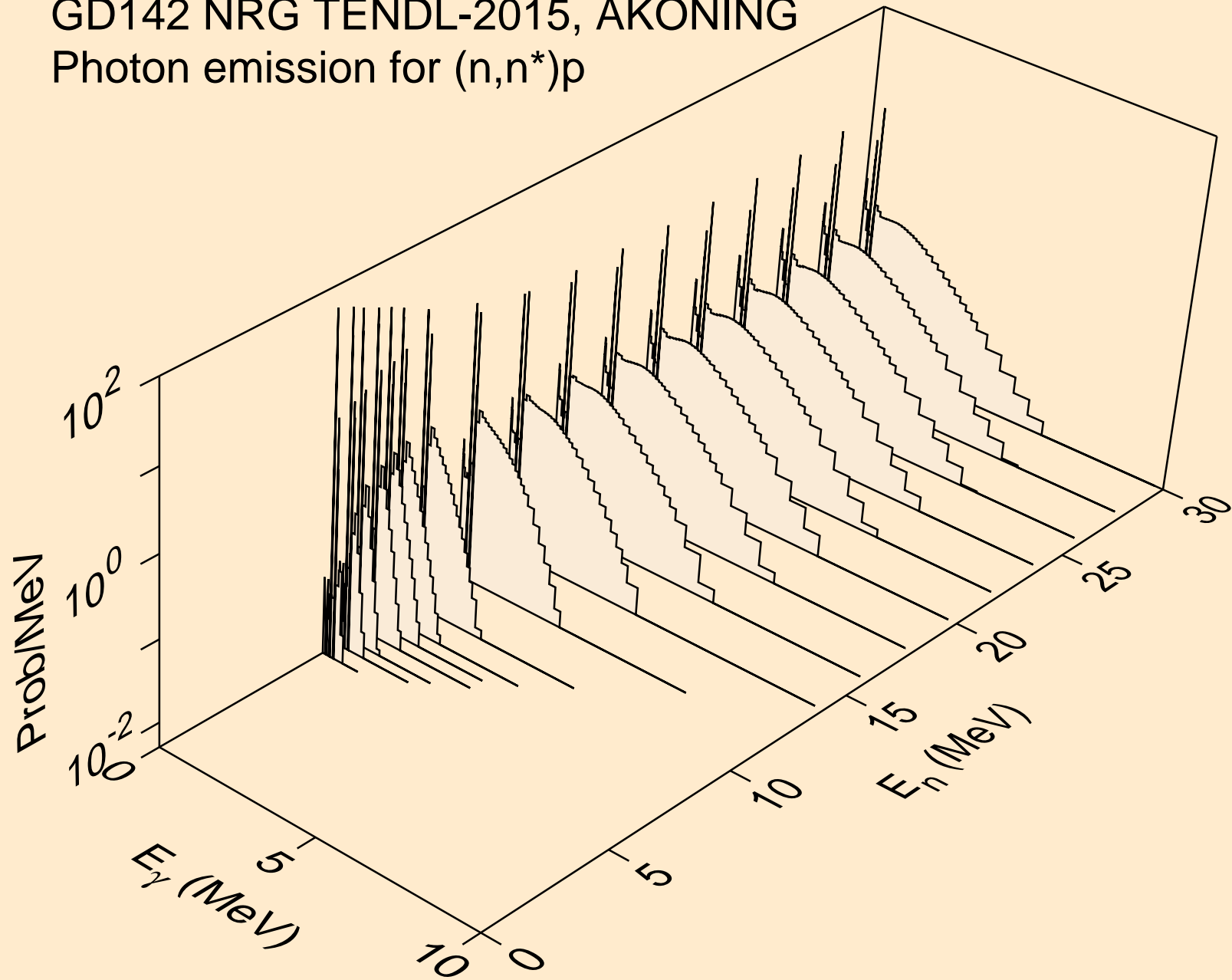


GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

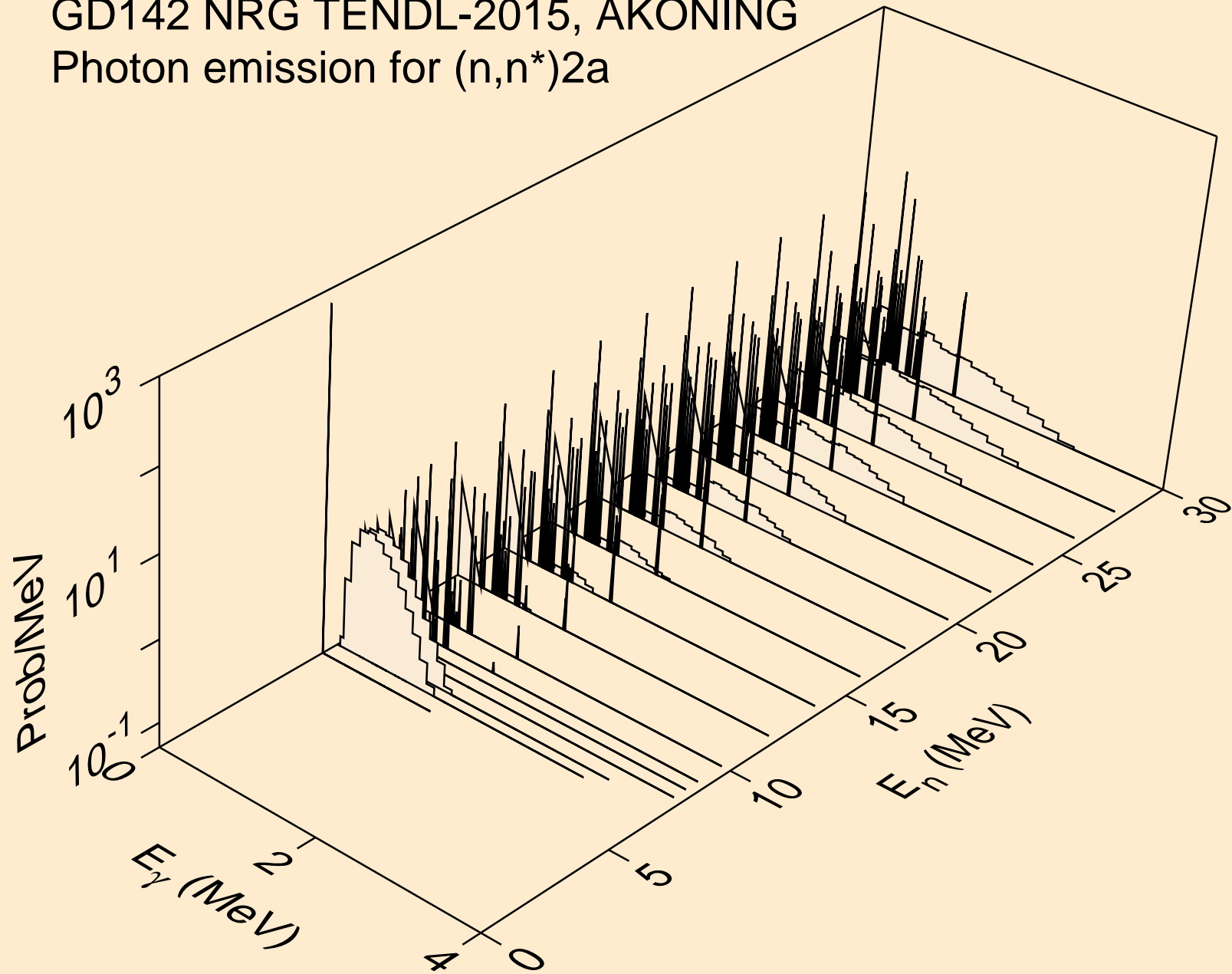




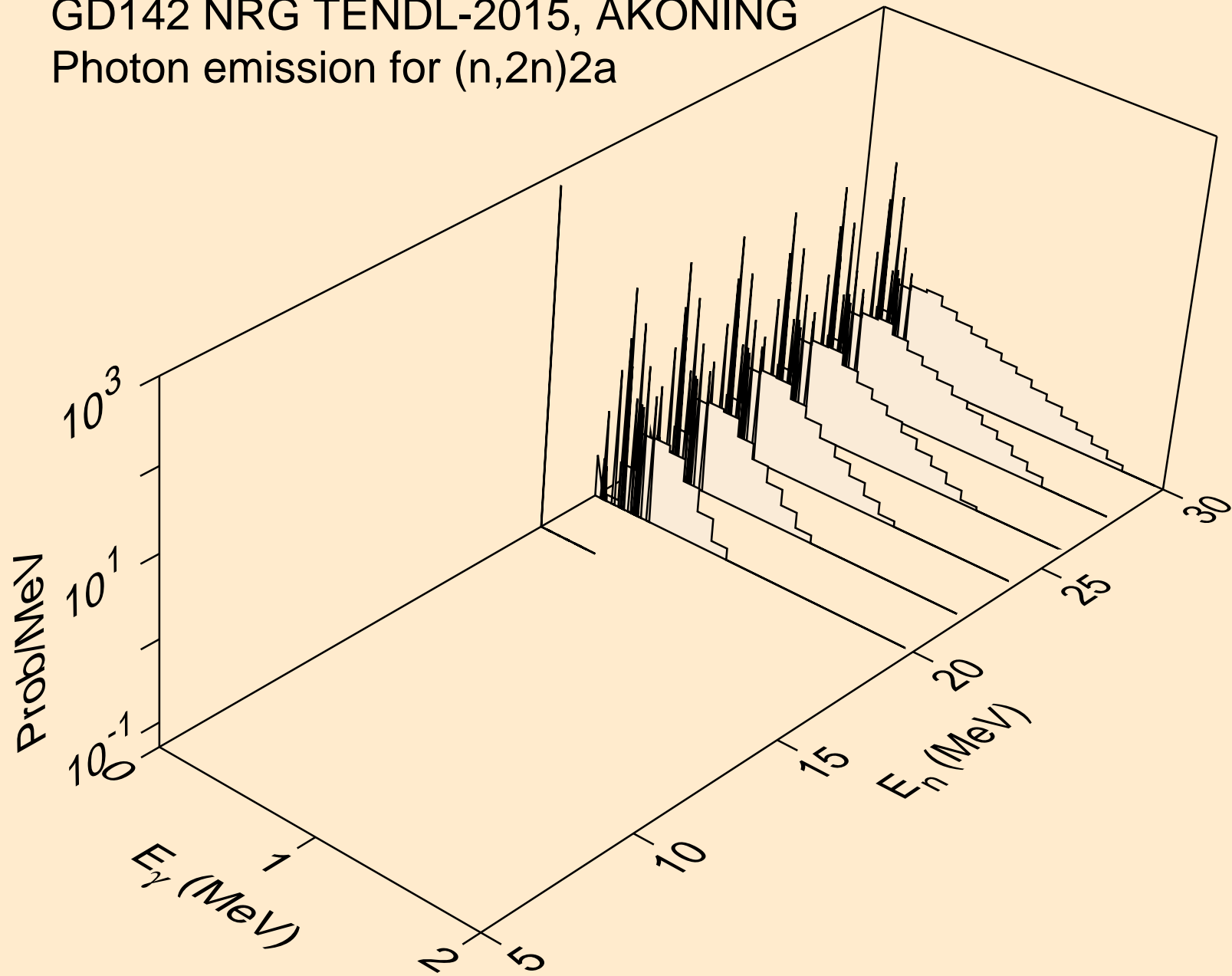
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



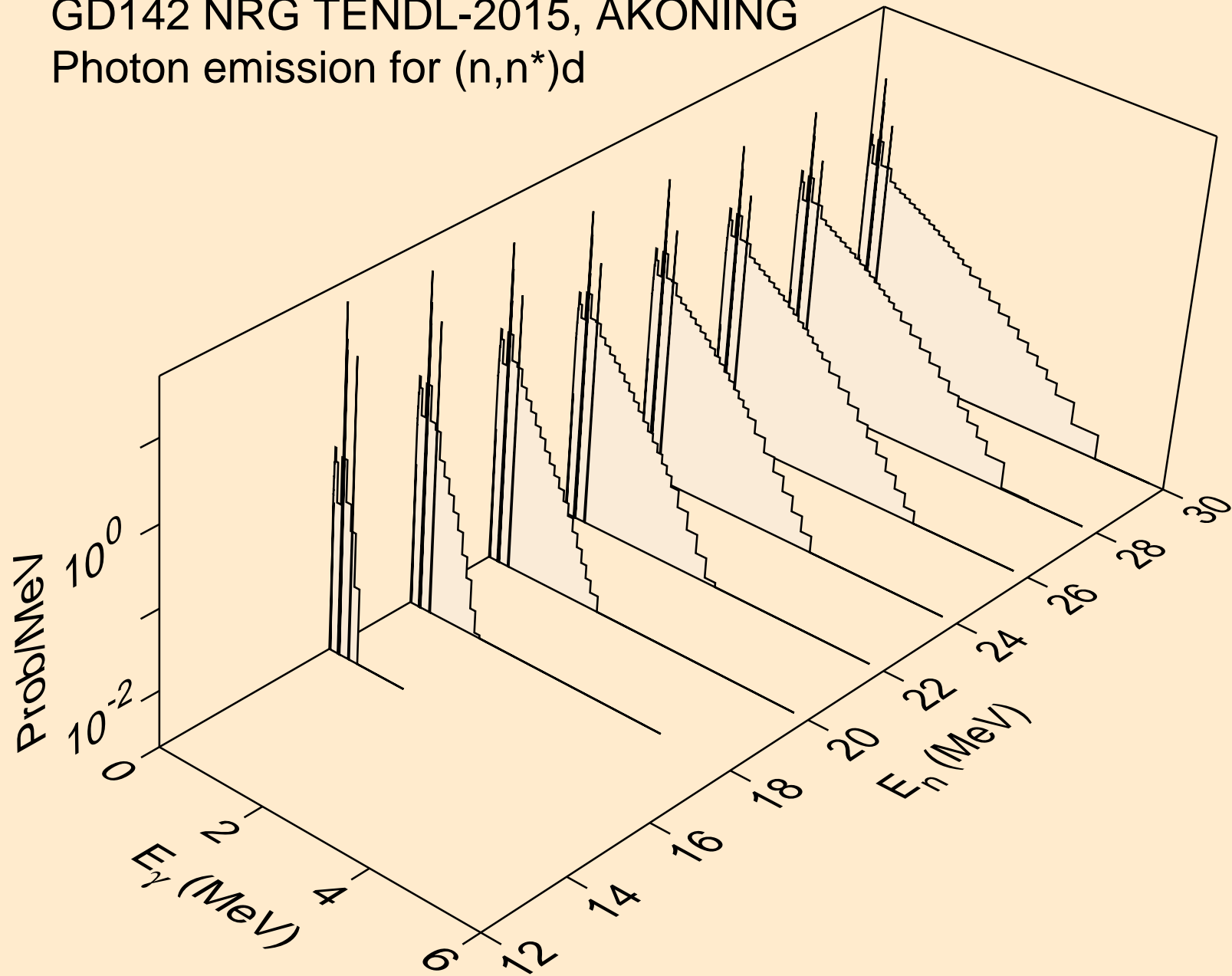
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



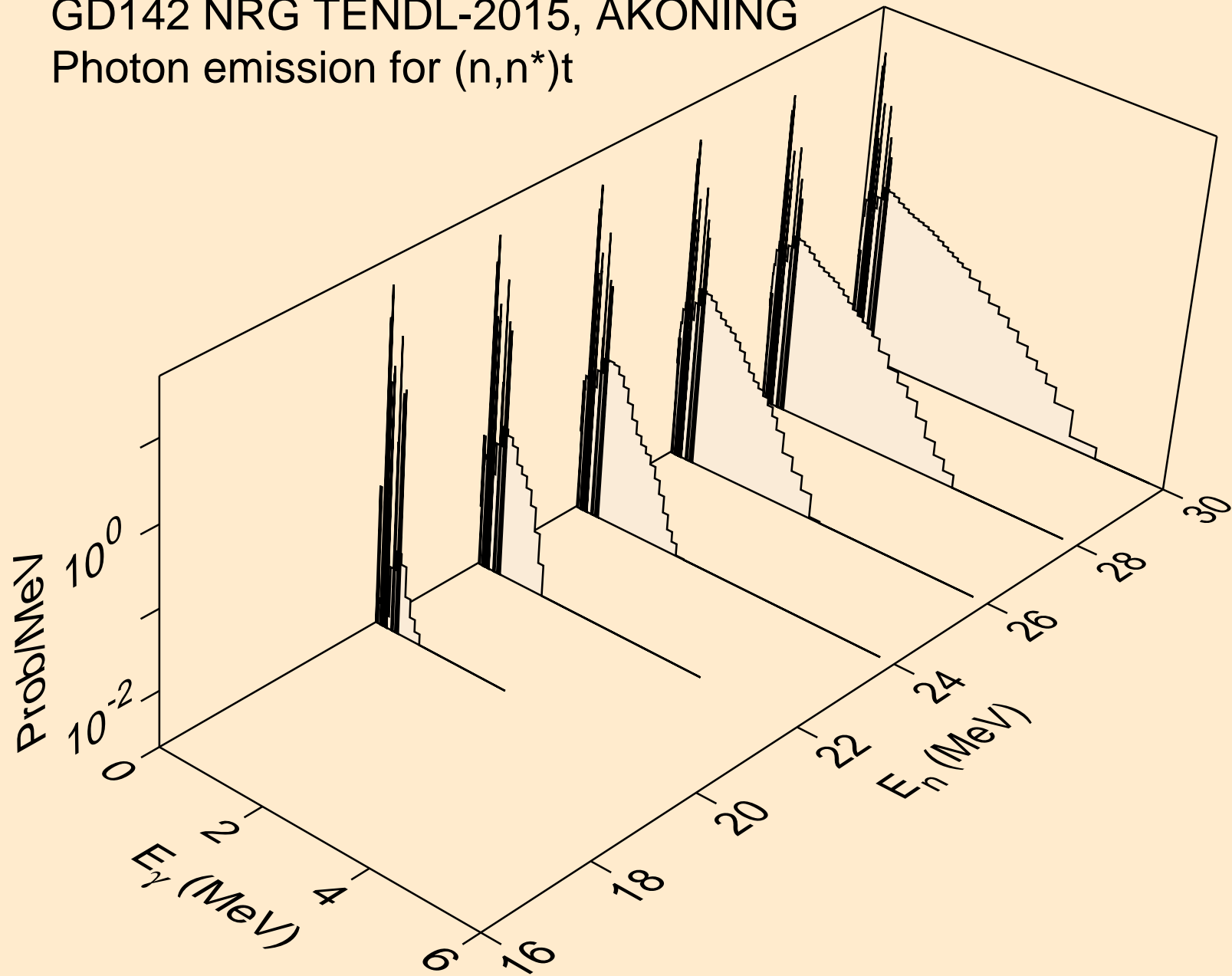
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



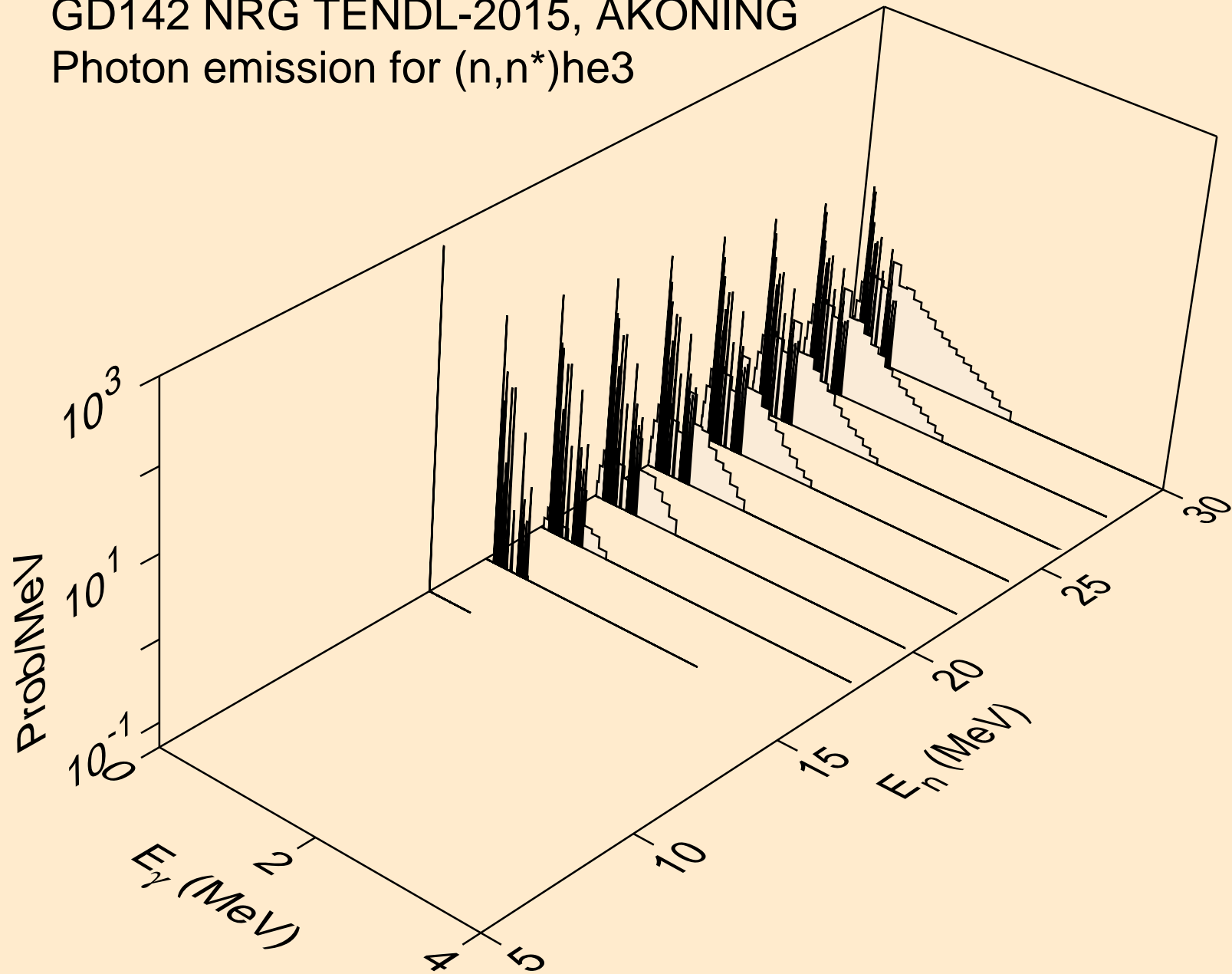
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



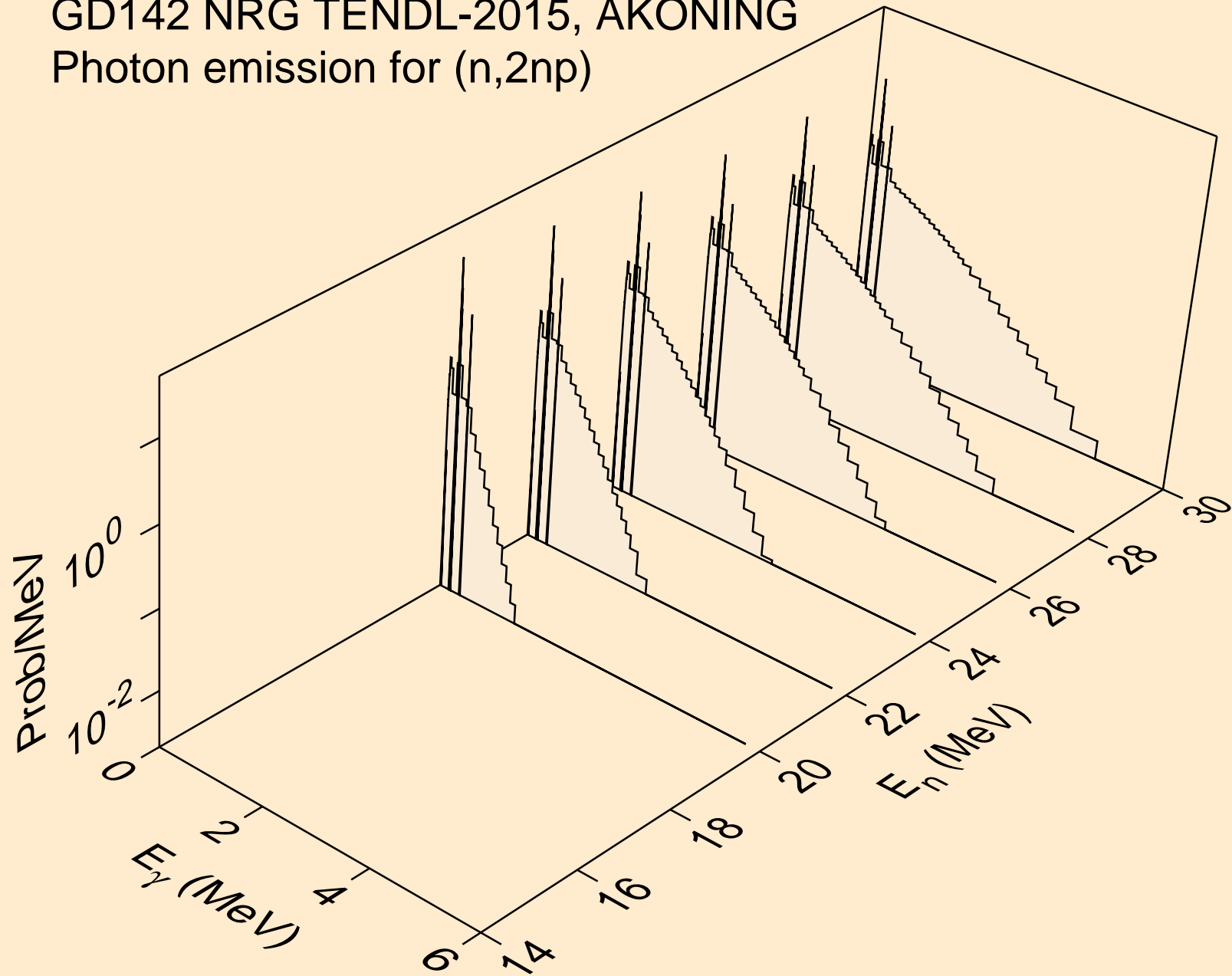
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



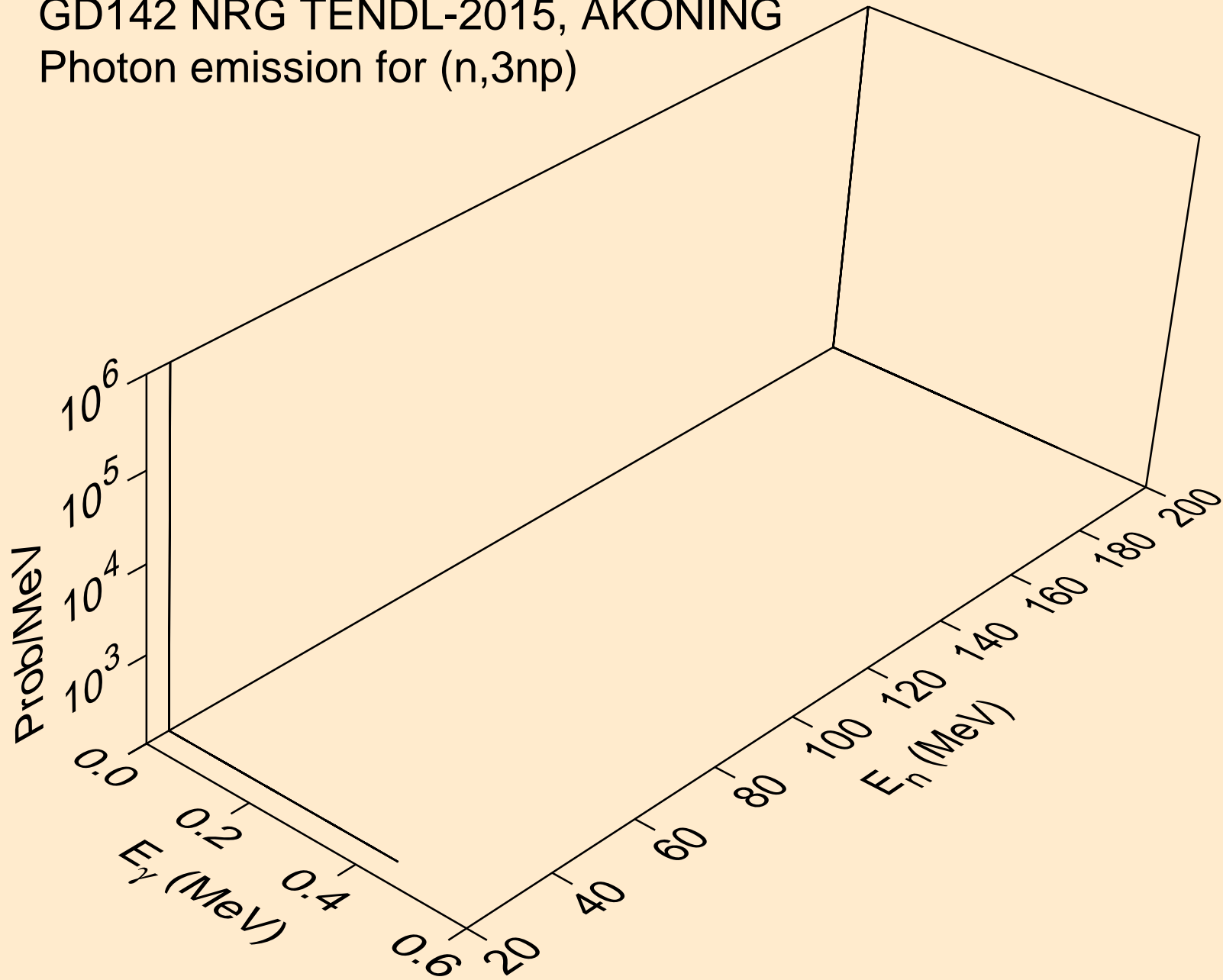
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

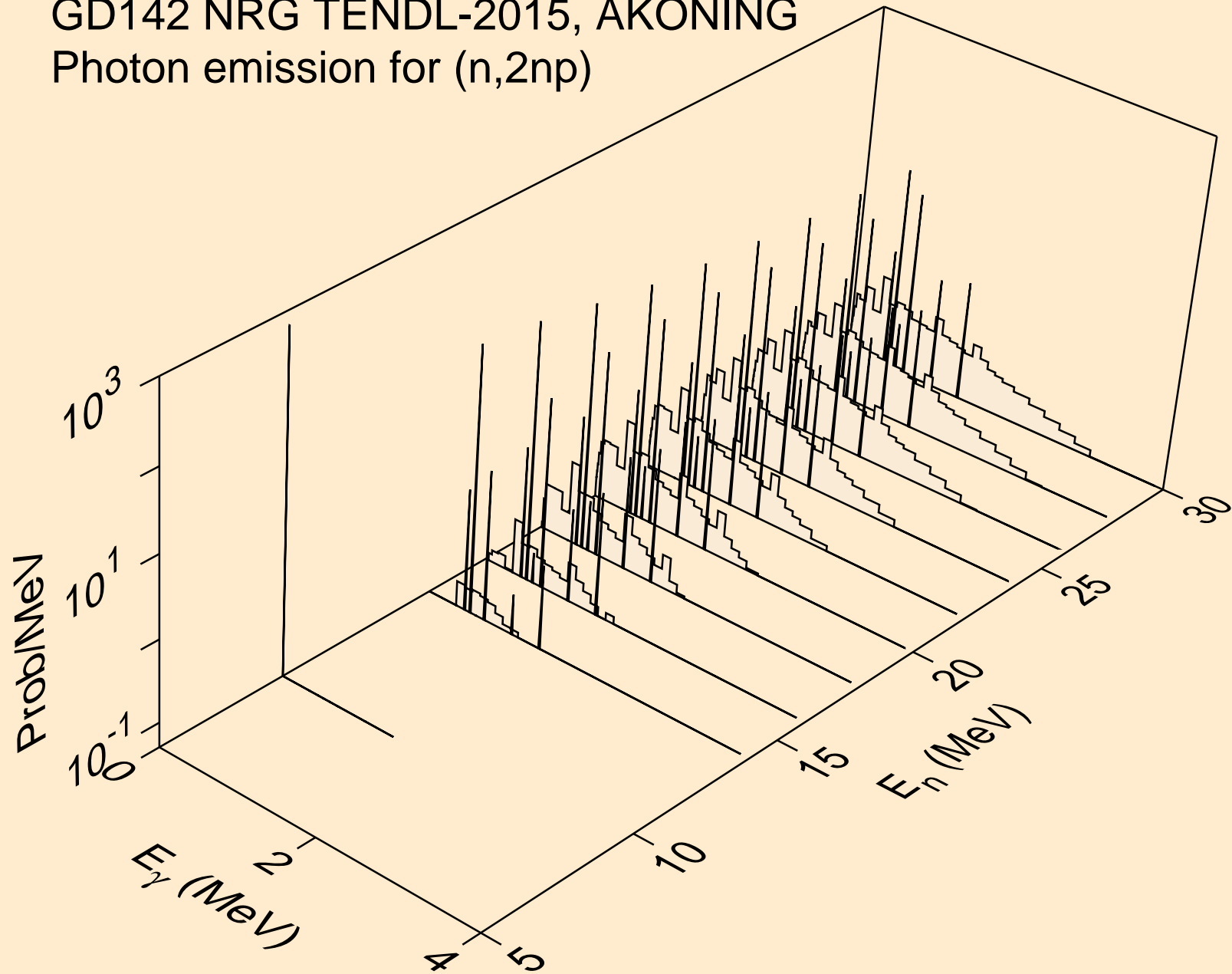


GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

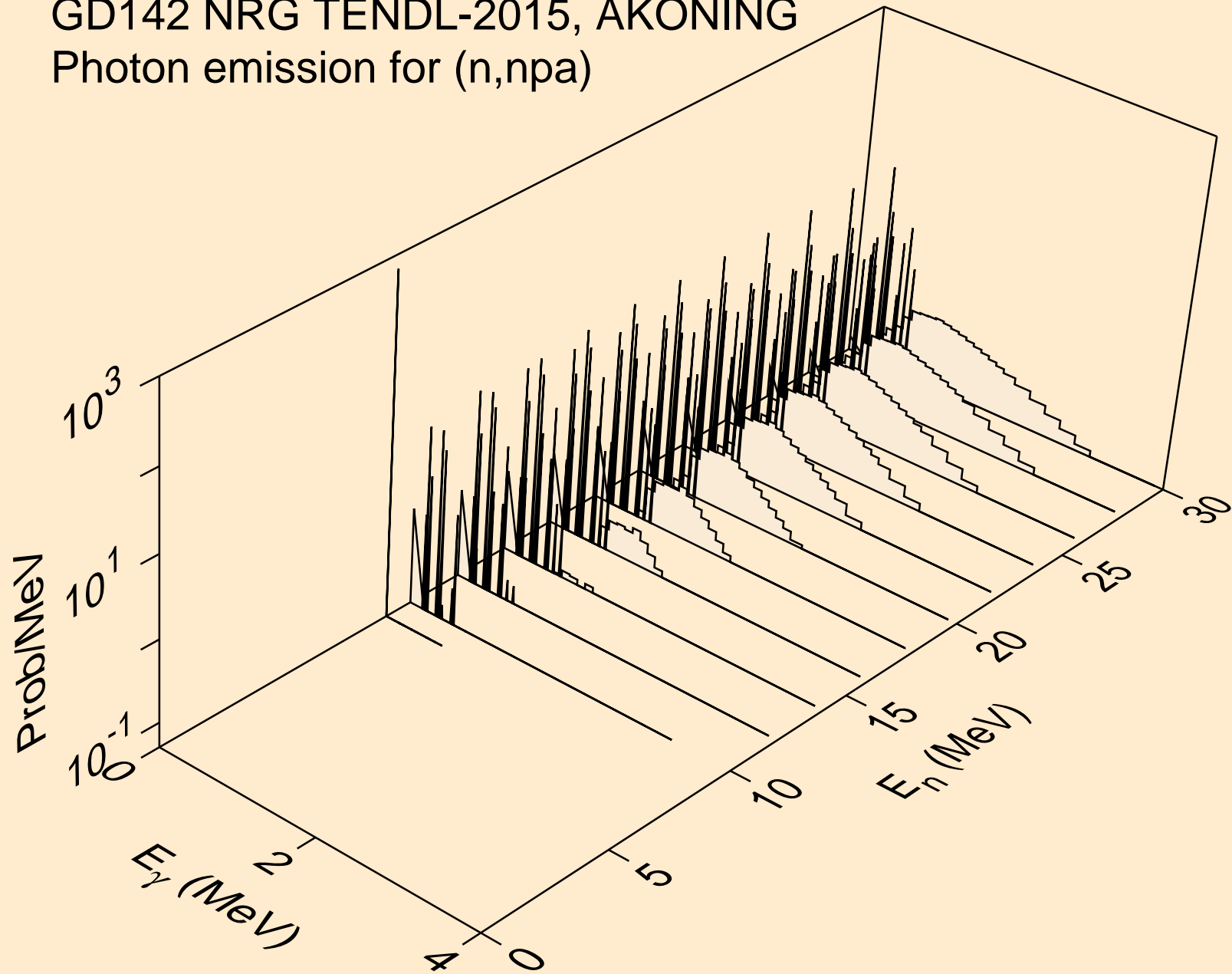




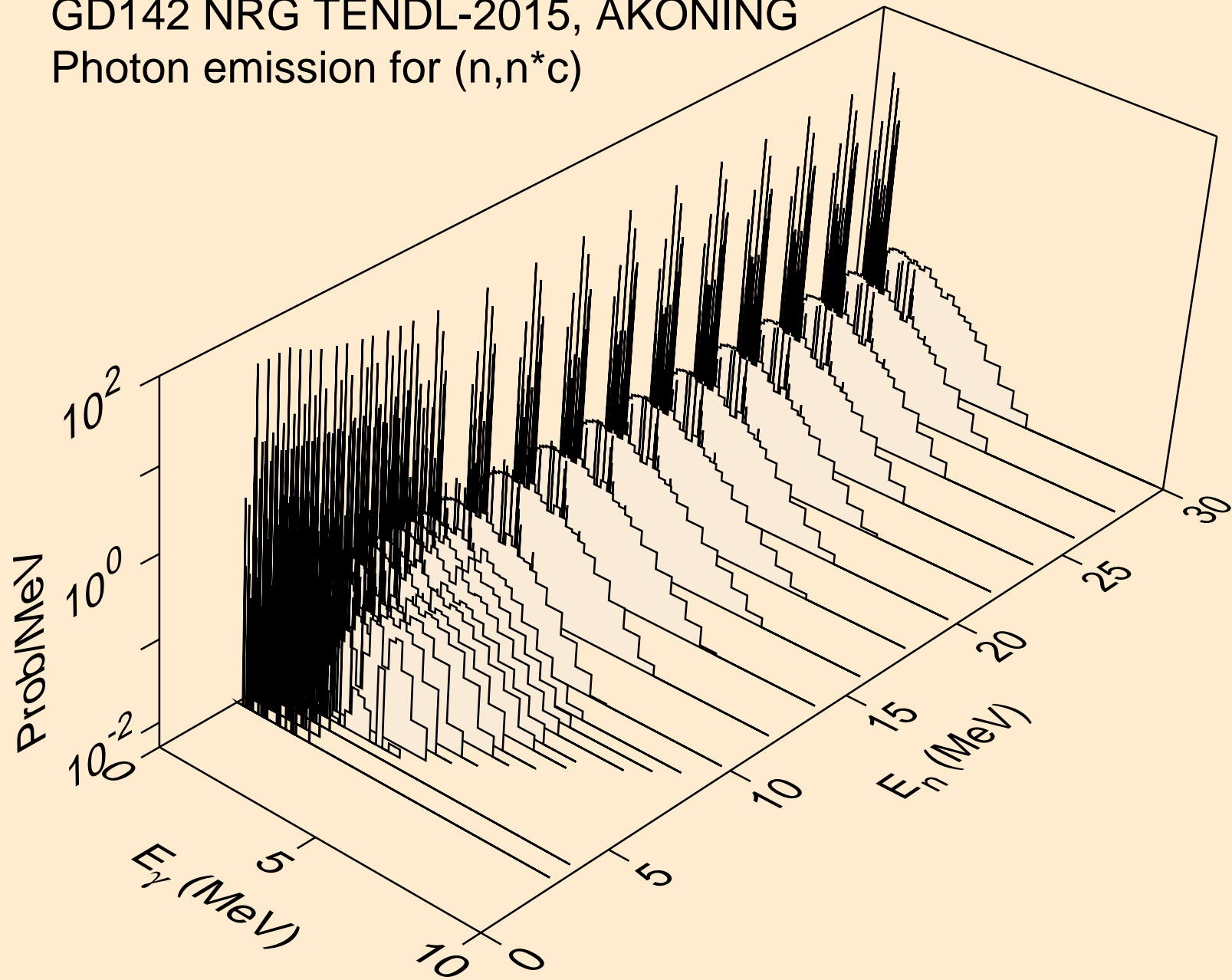
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



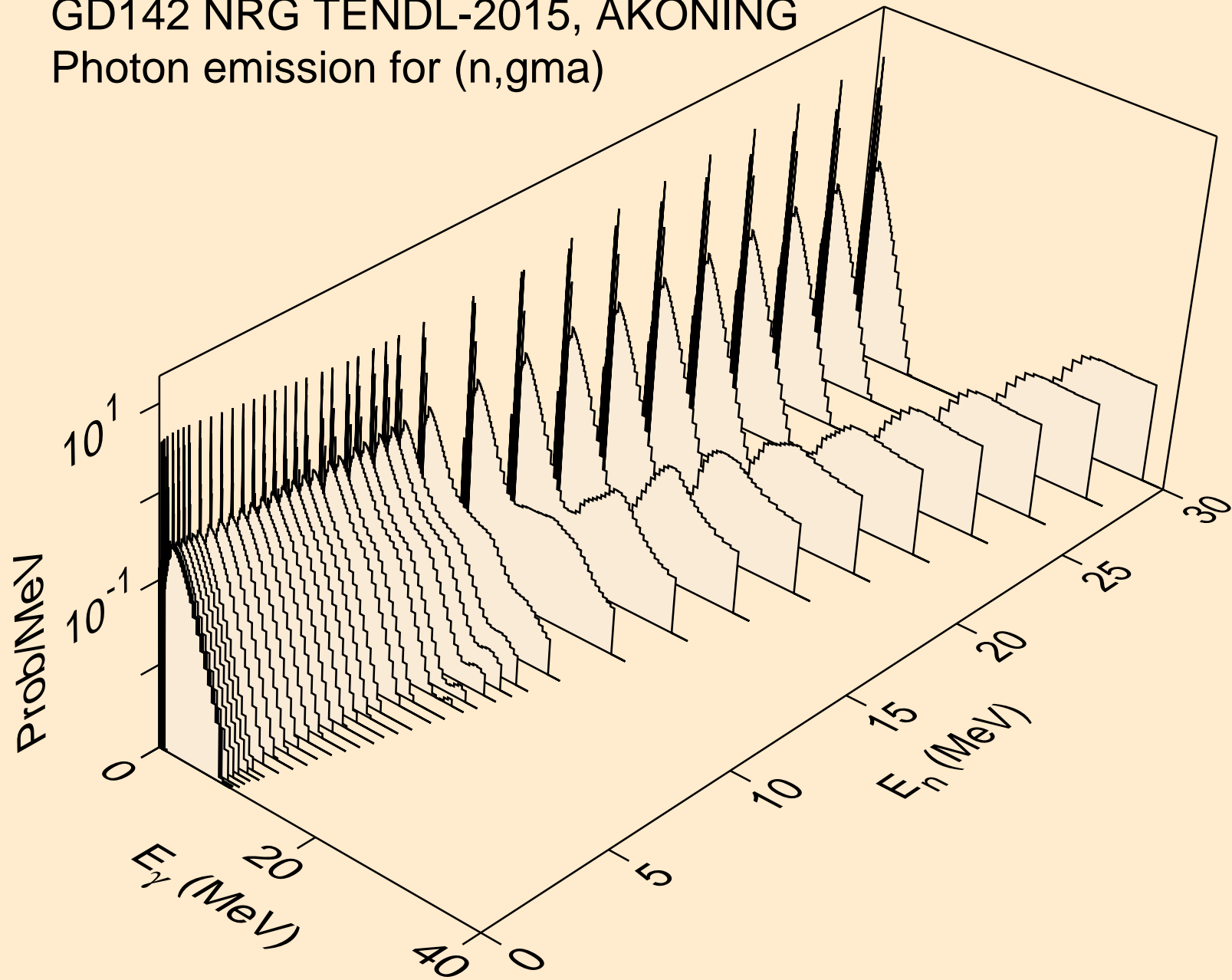
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



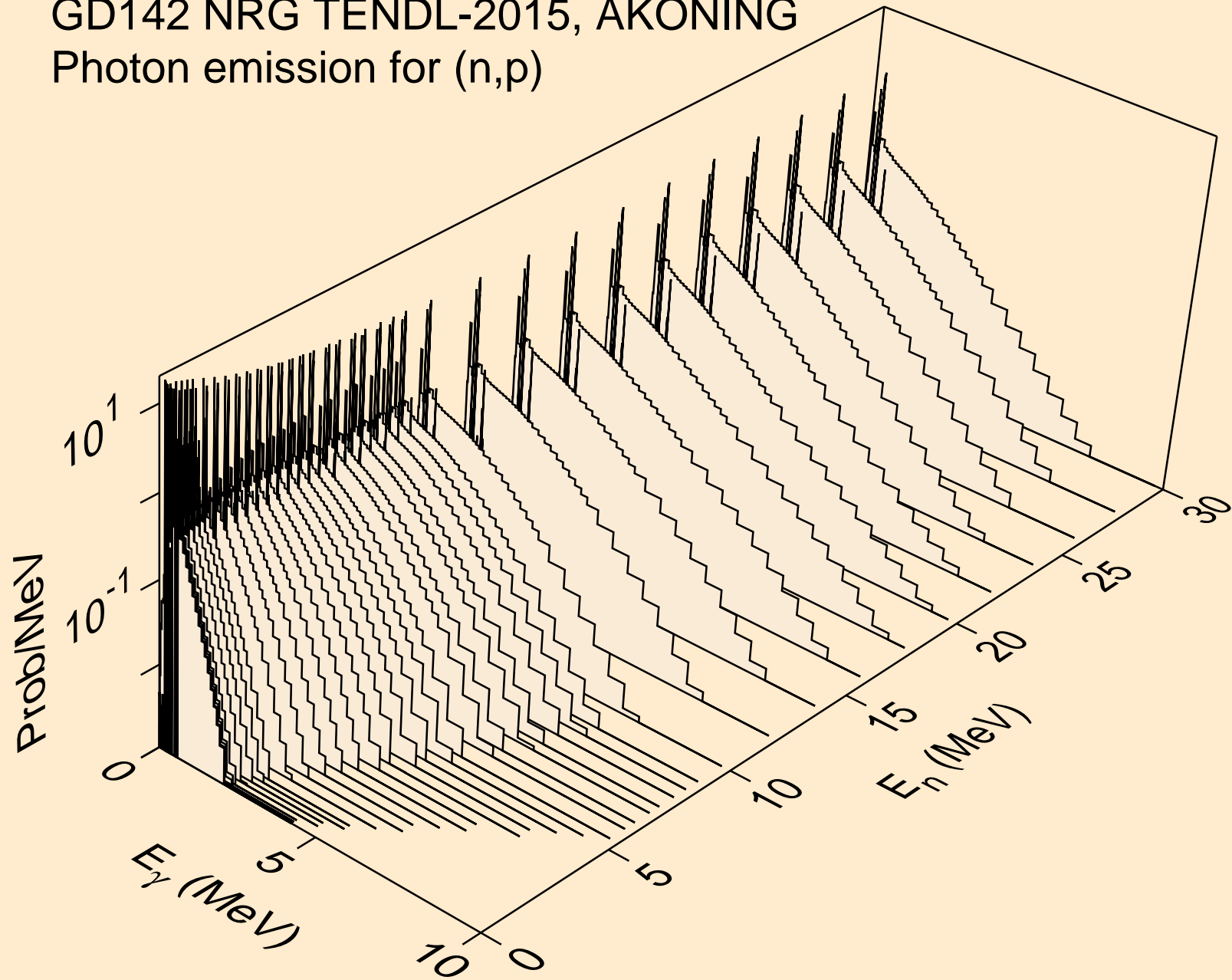
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



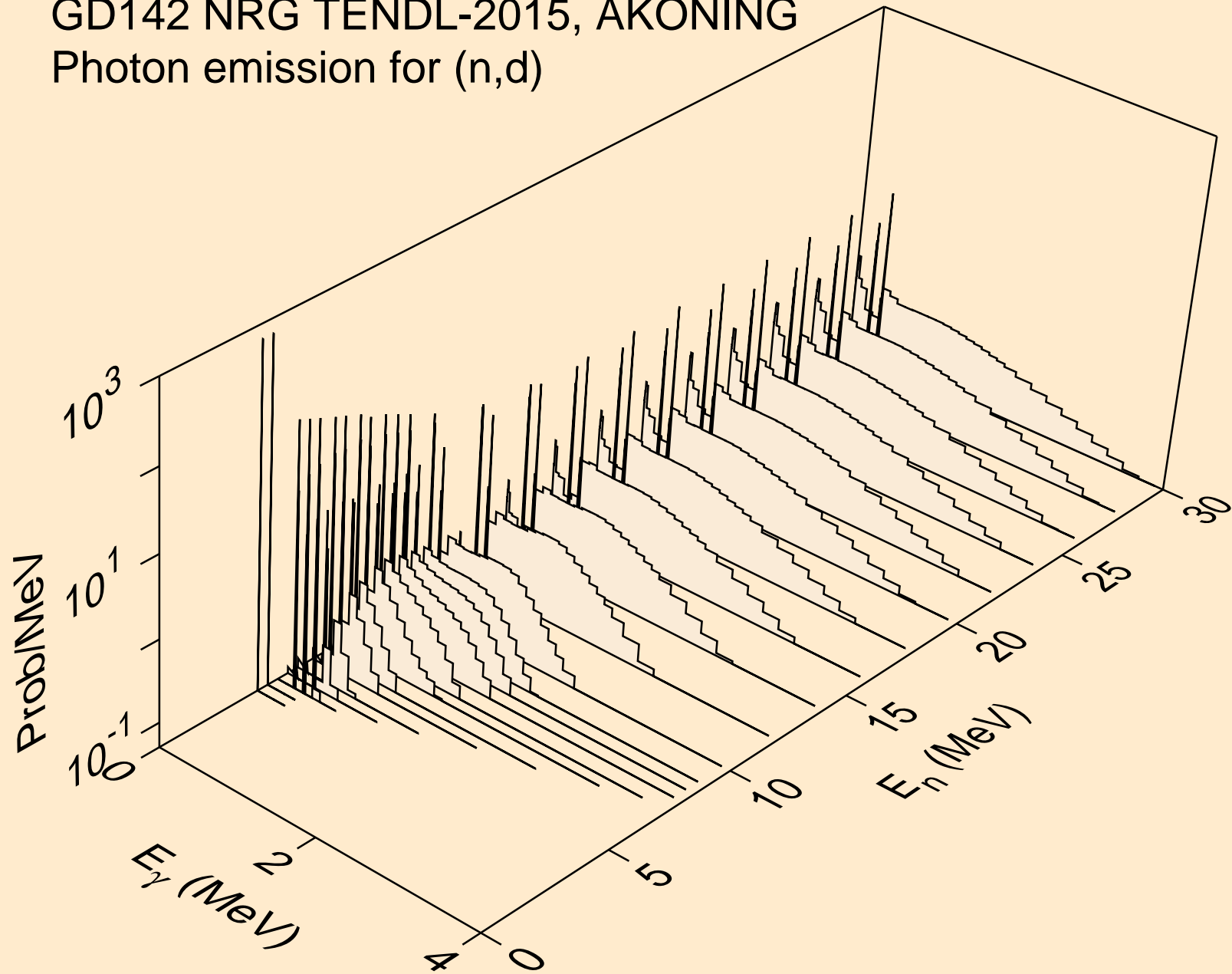
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



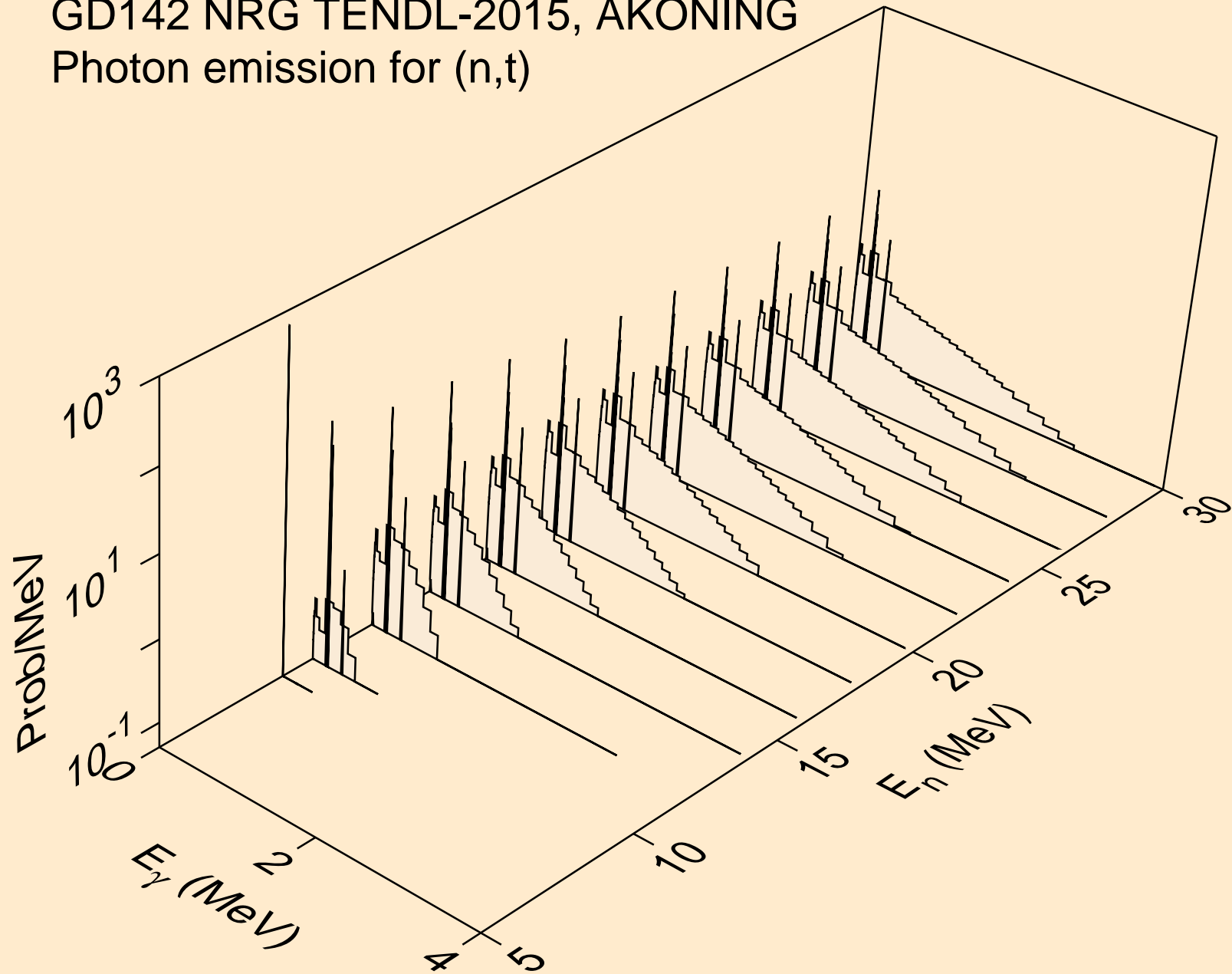
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



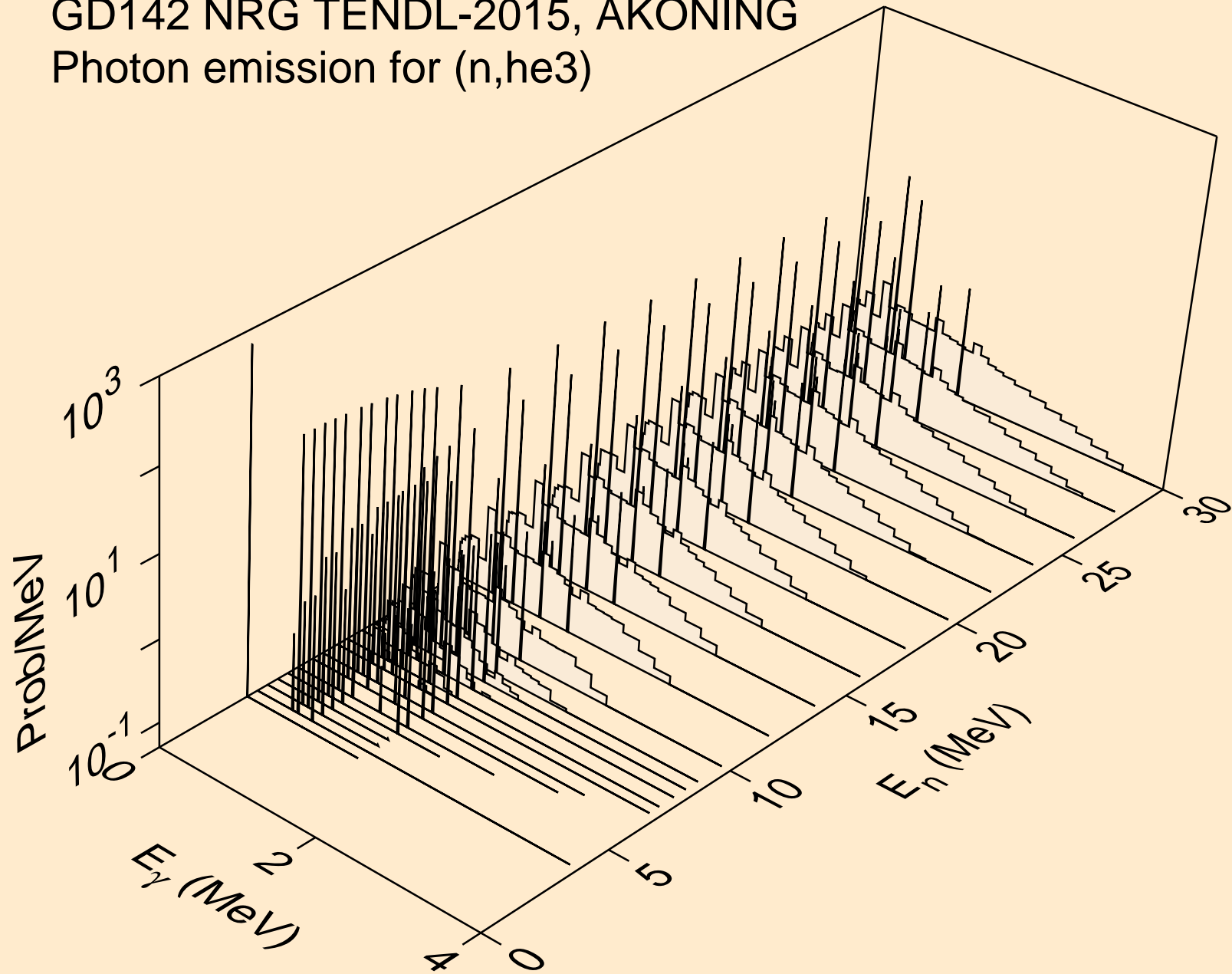
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

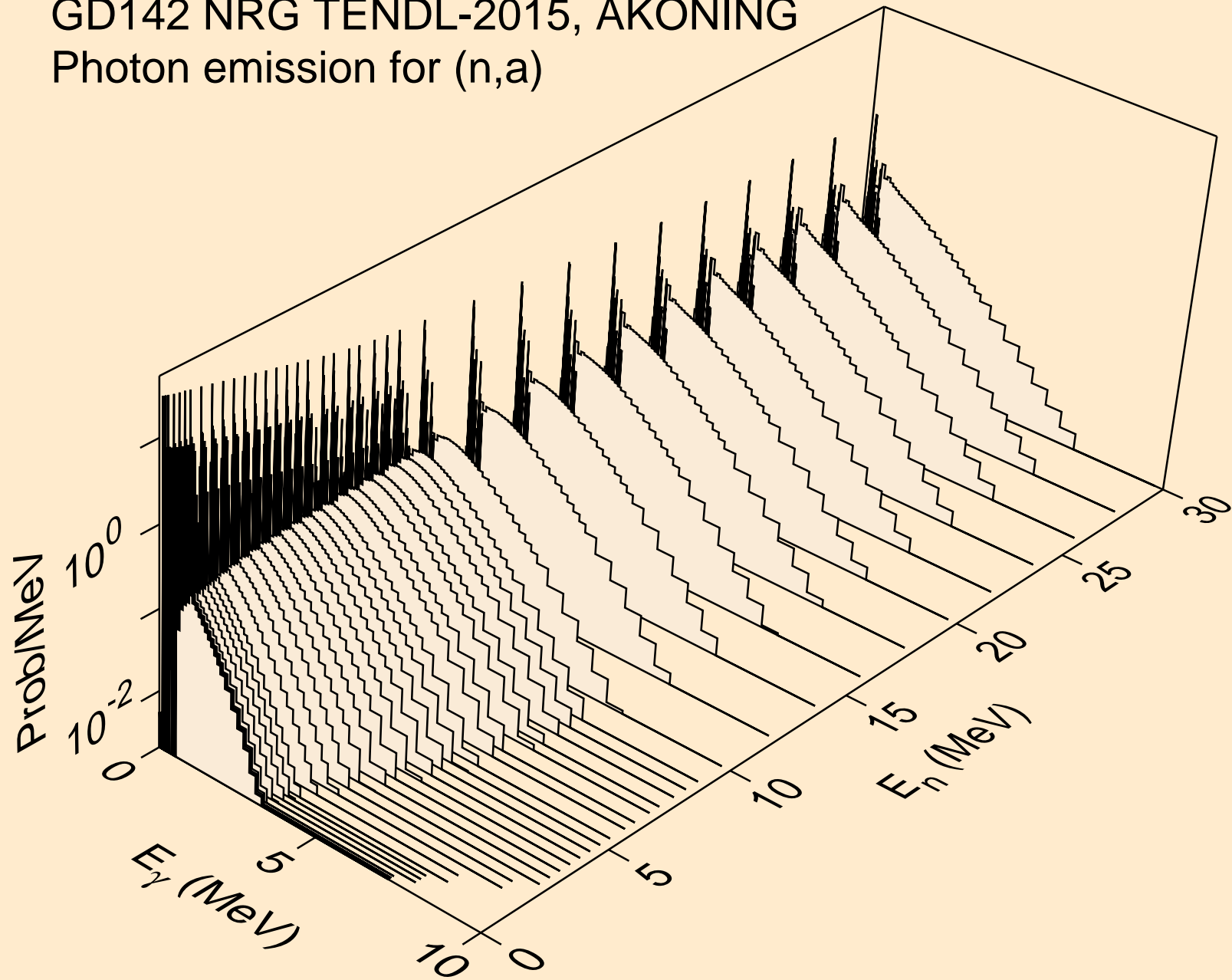


GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

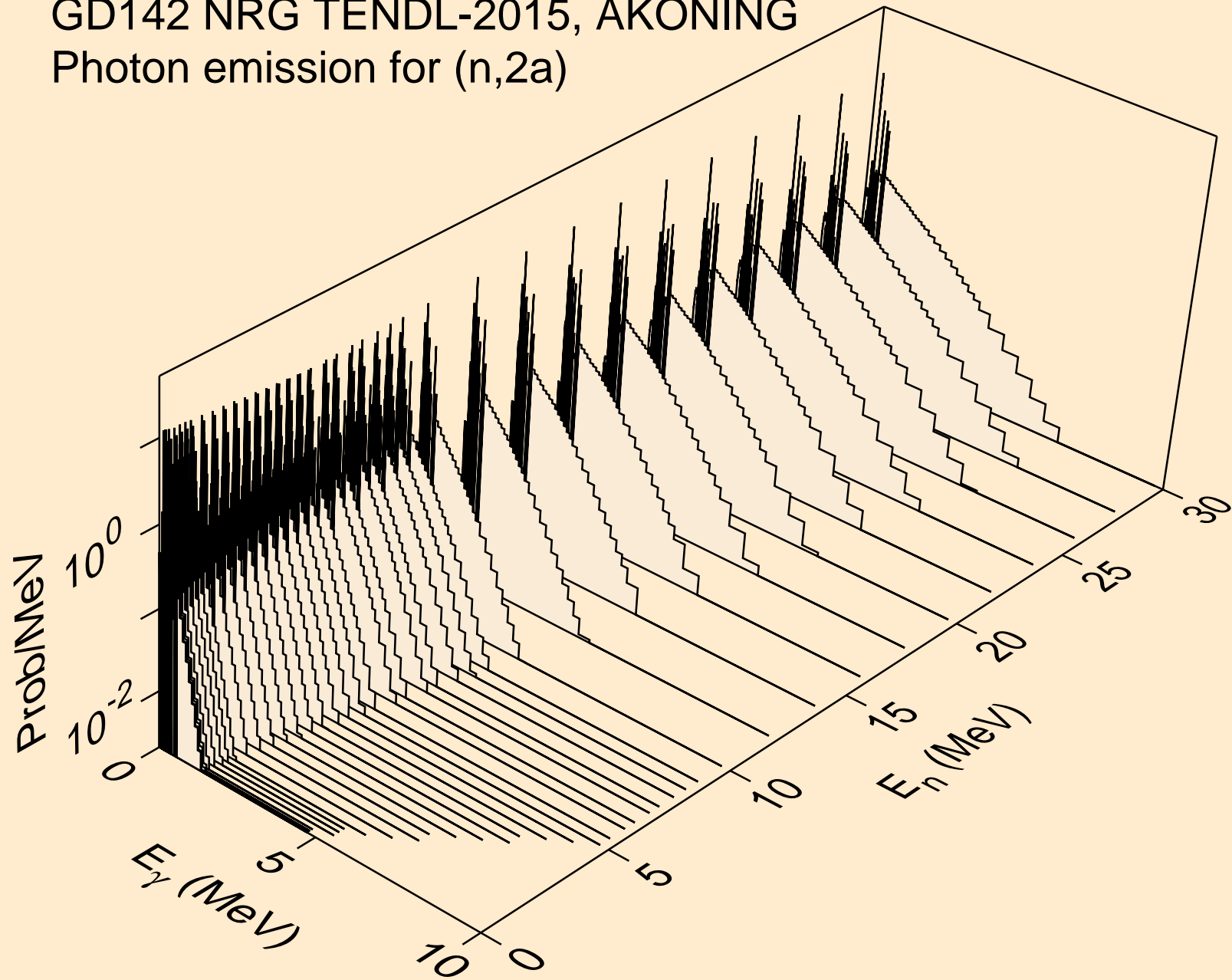




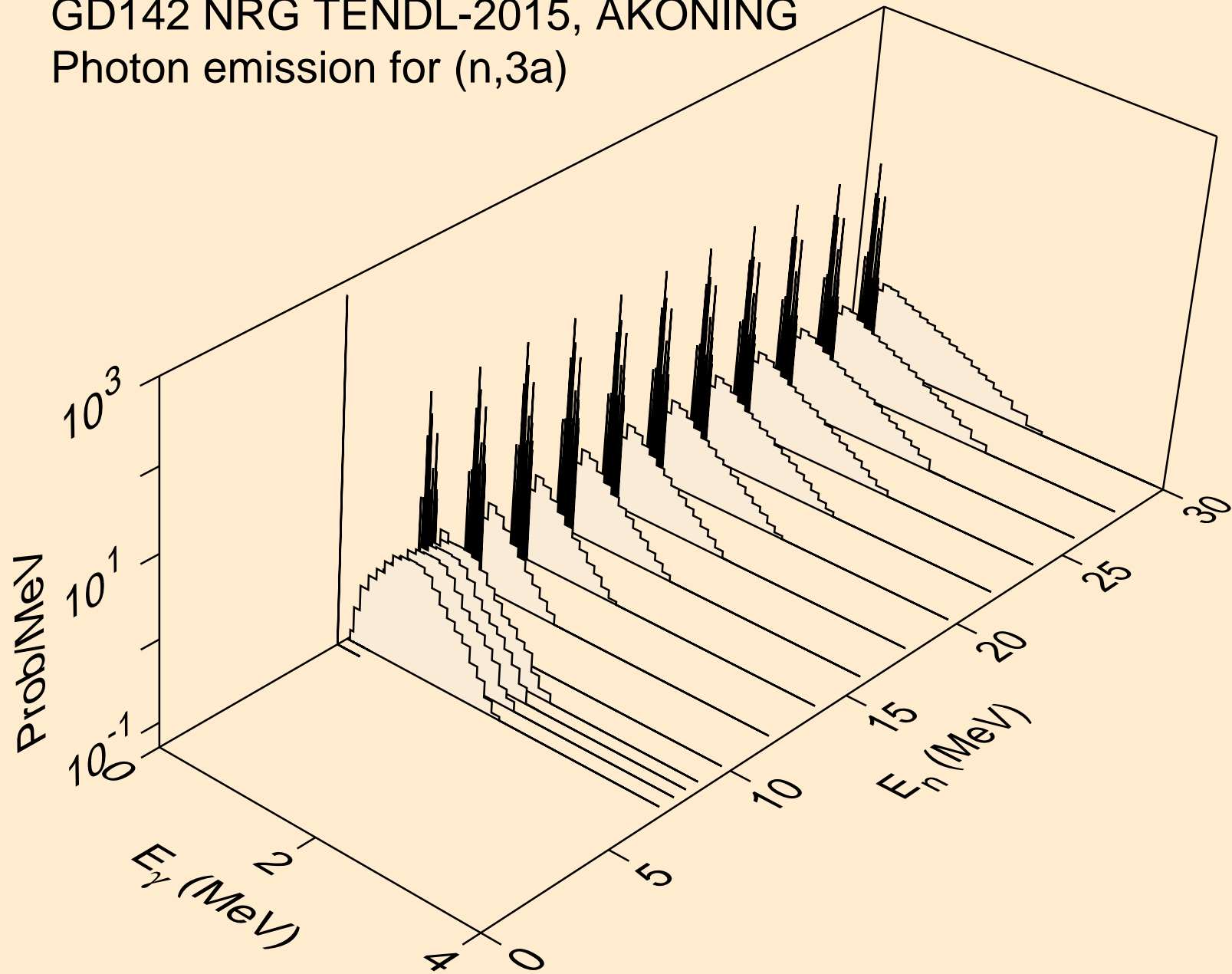
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



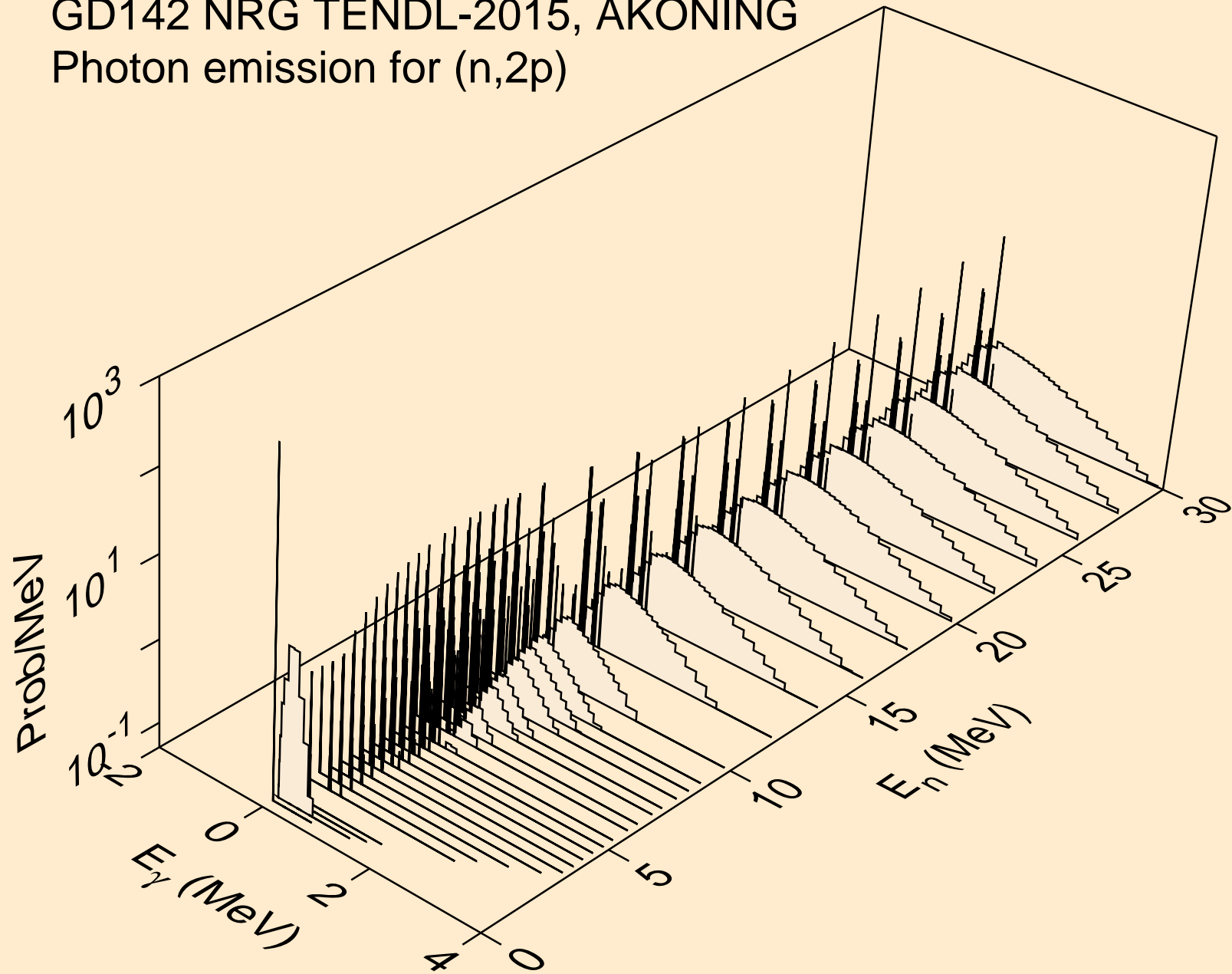
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



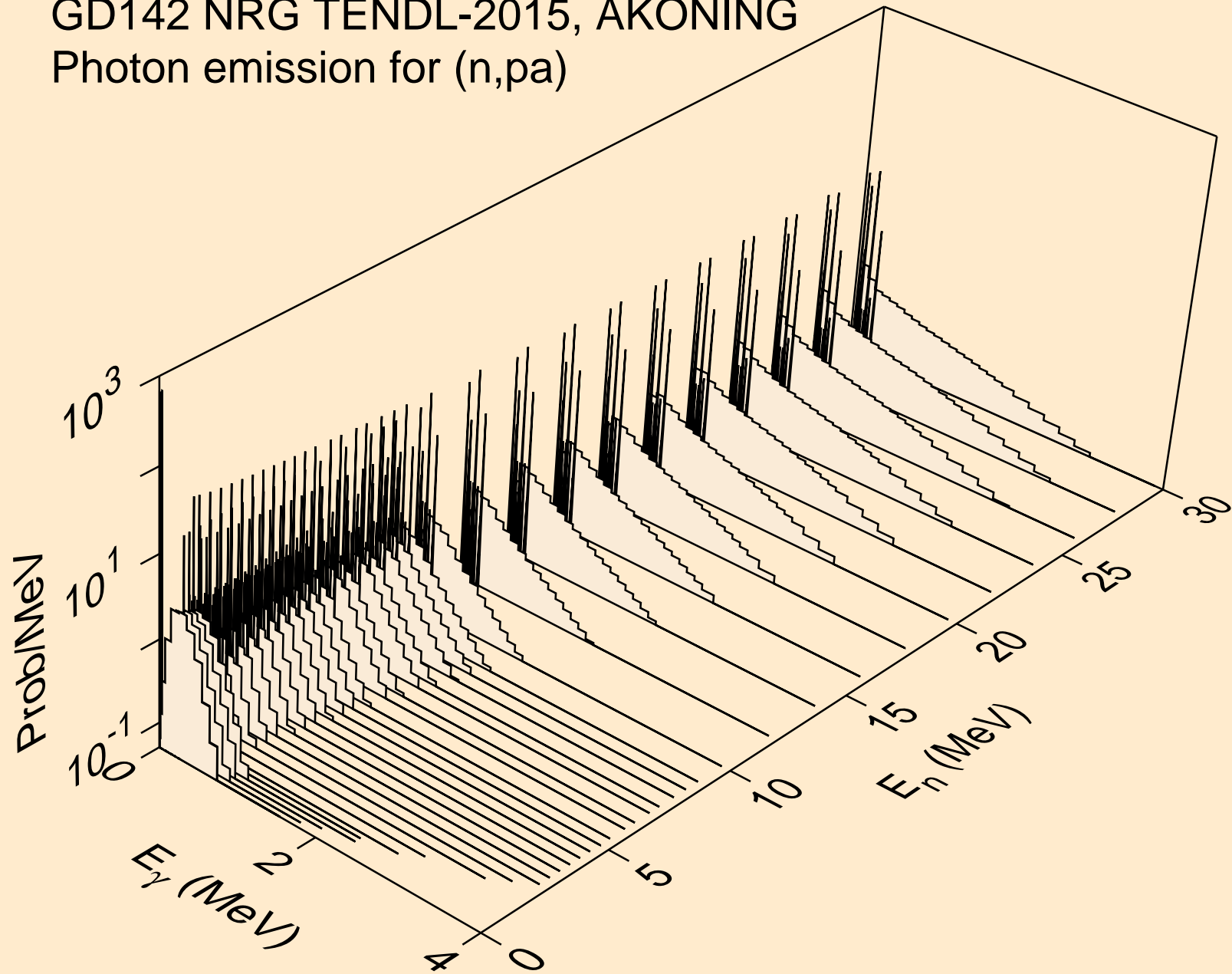
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



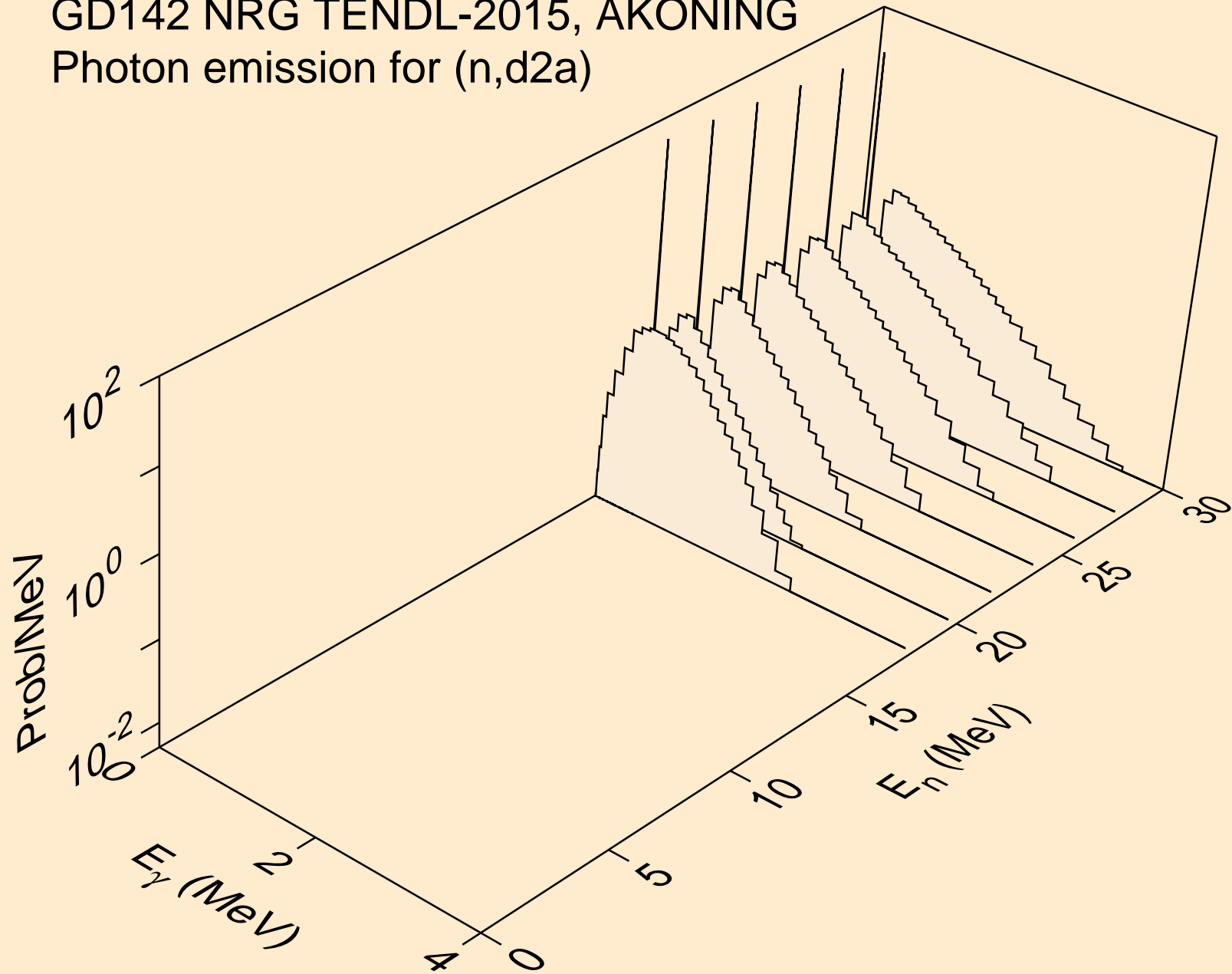
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



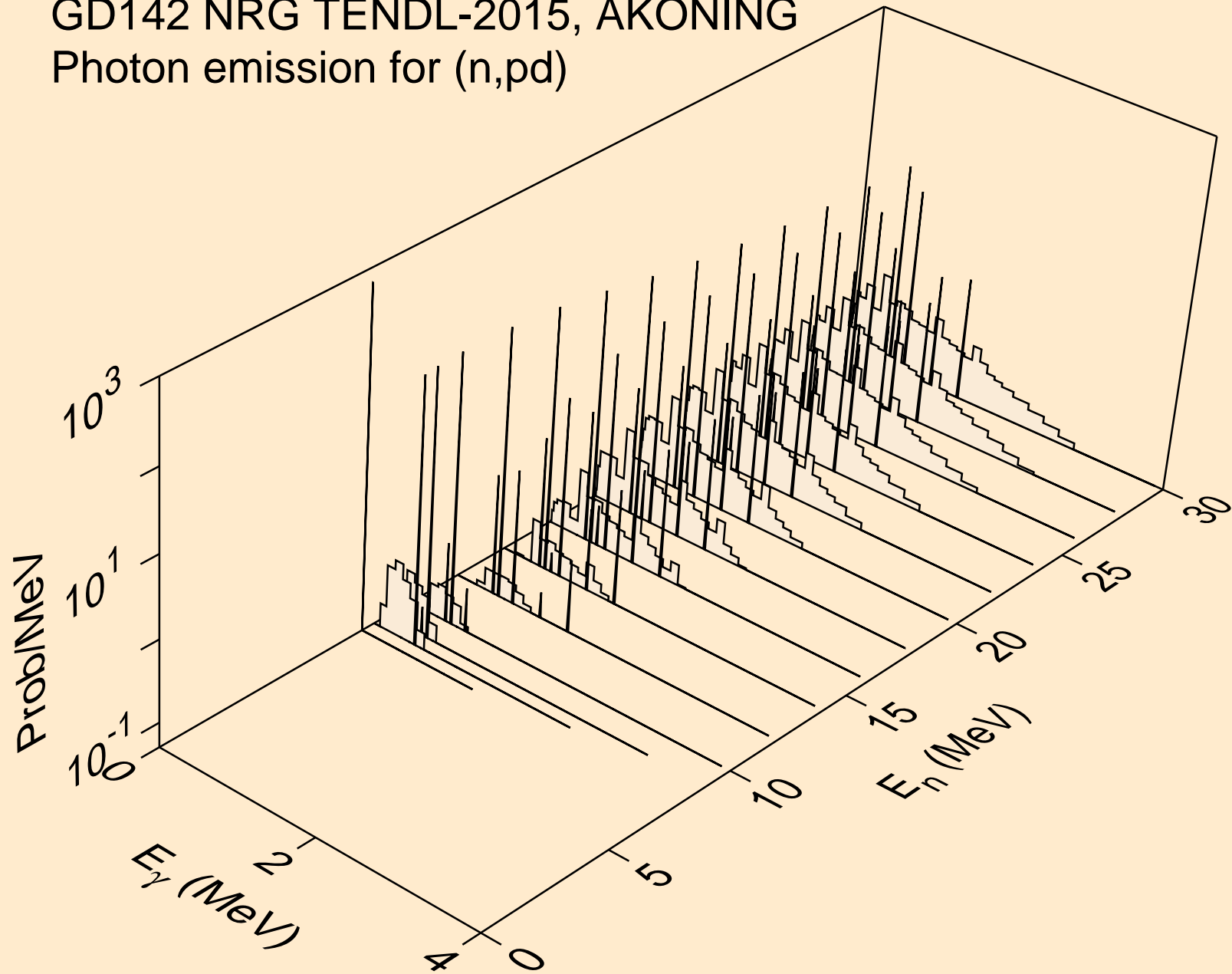
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



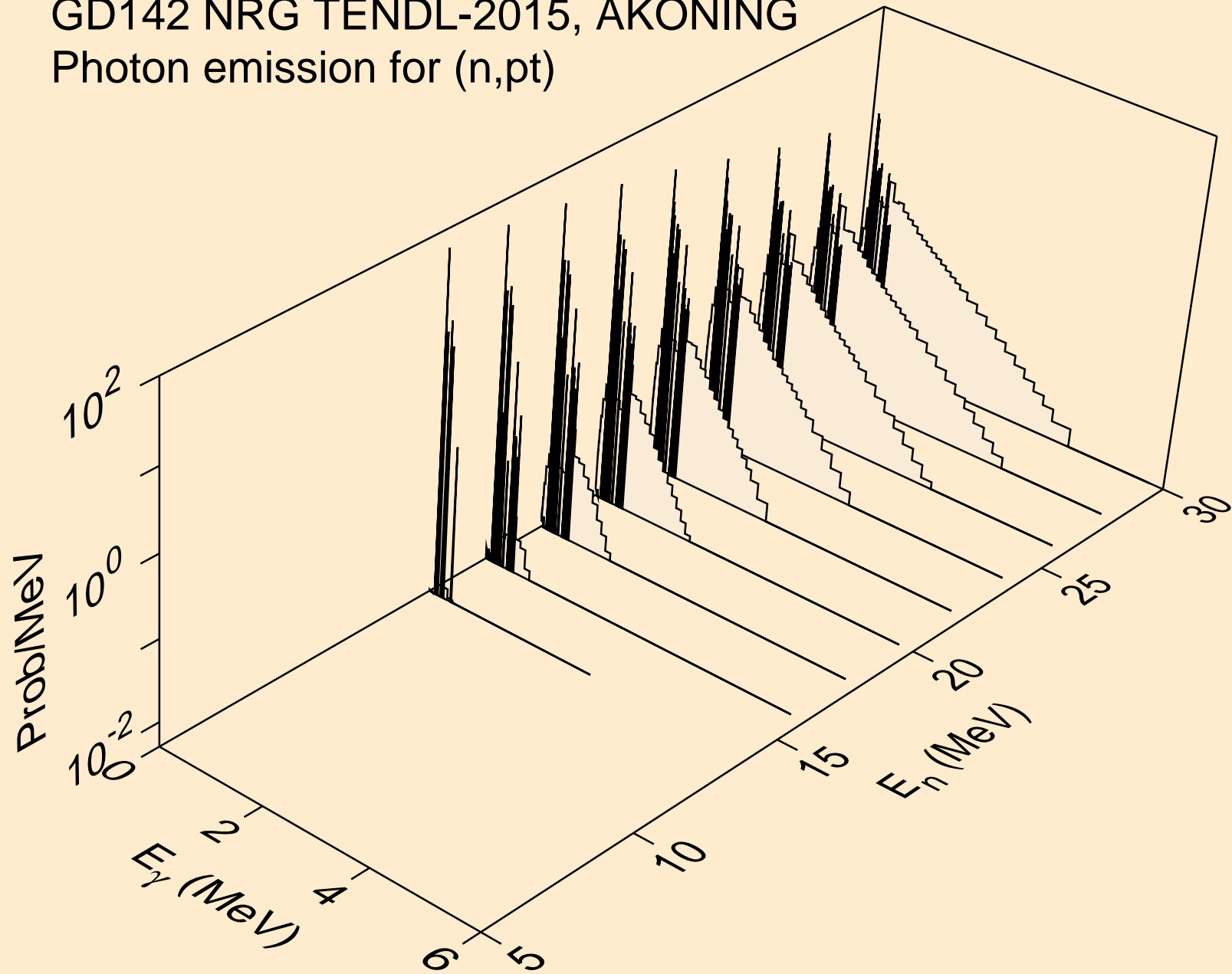
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

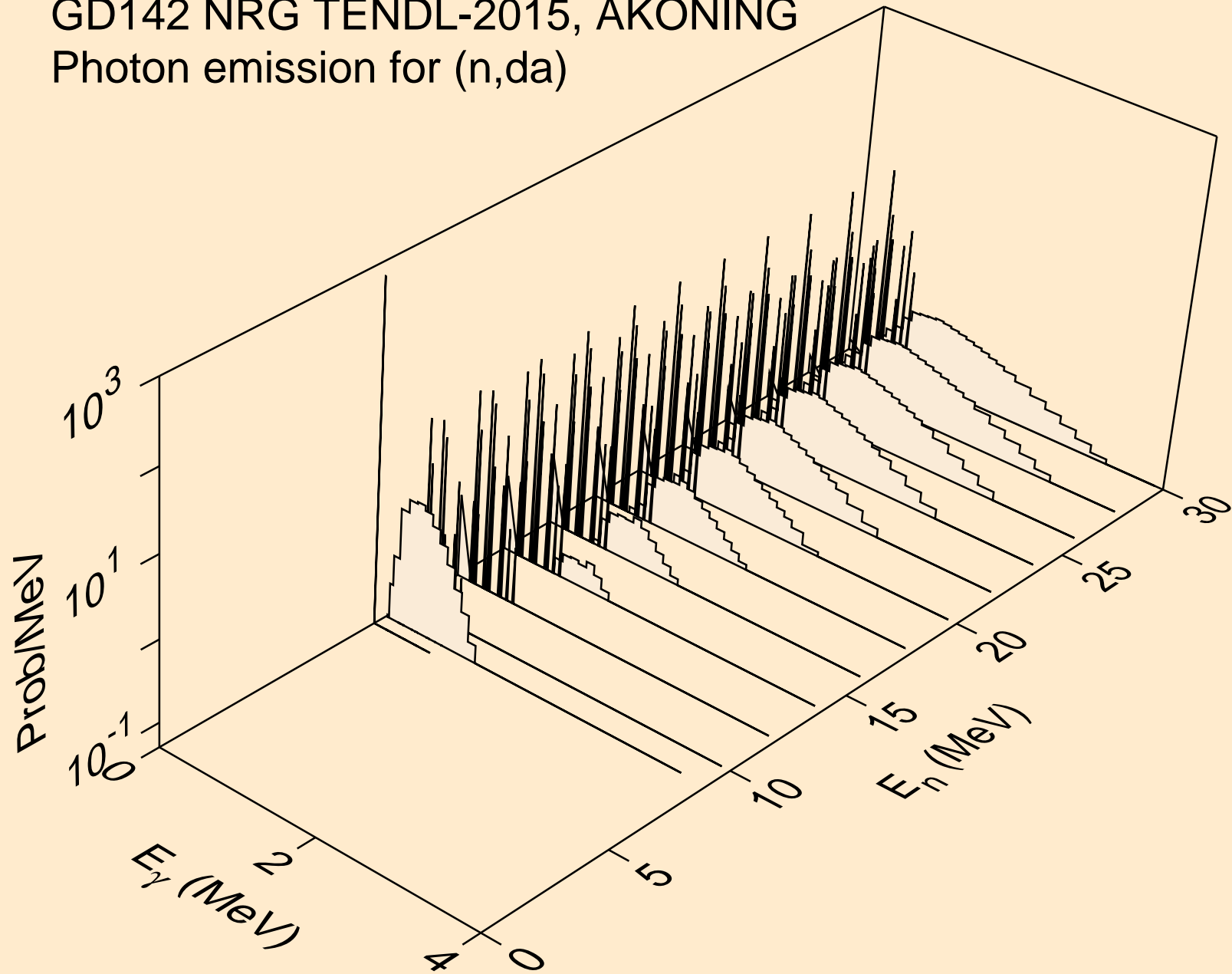


GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

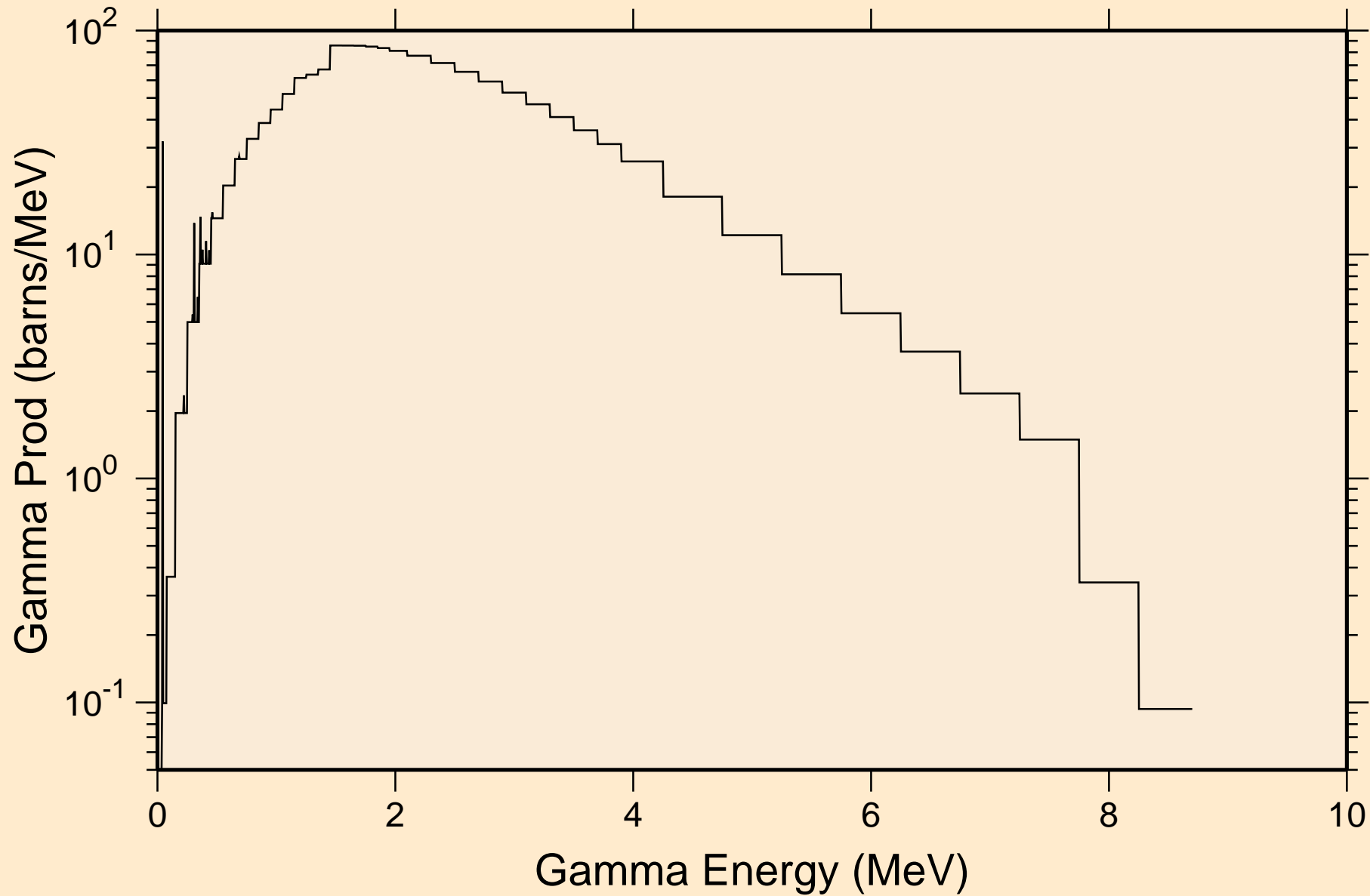




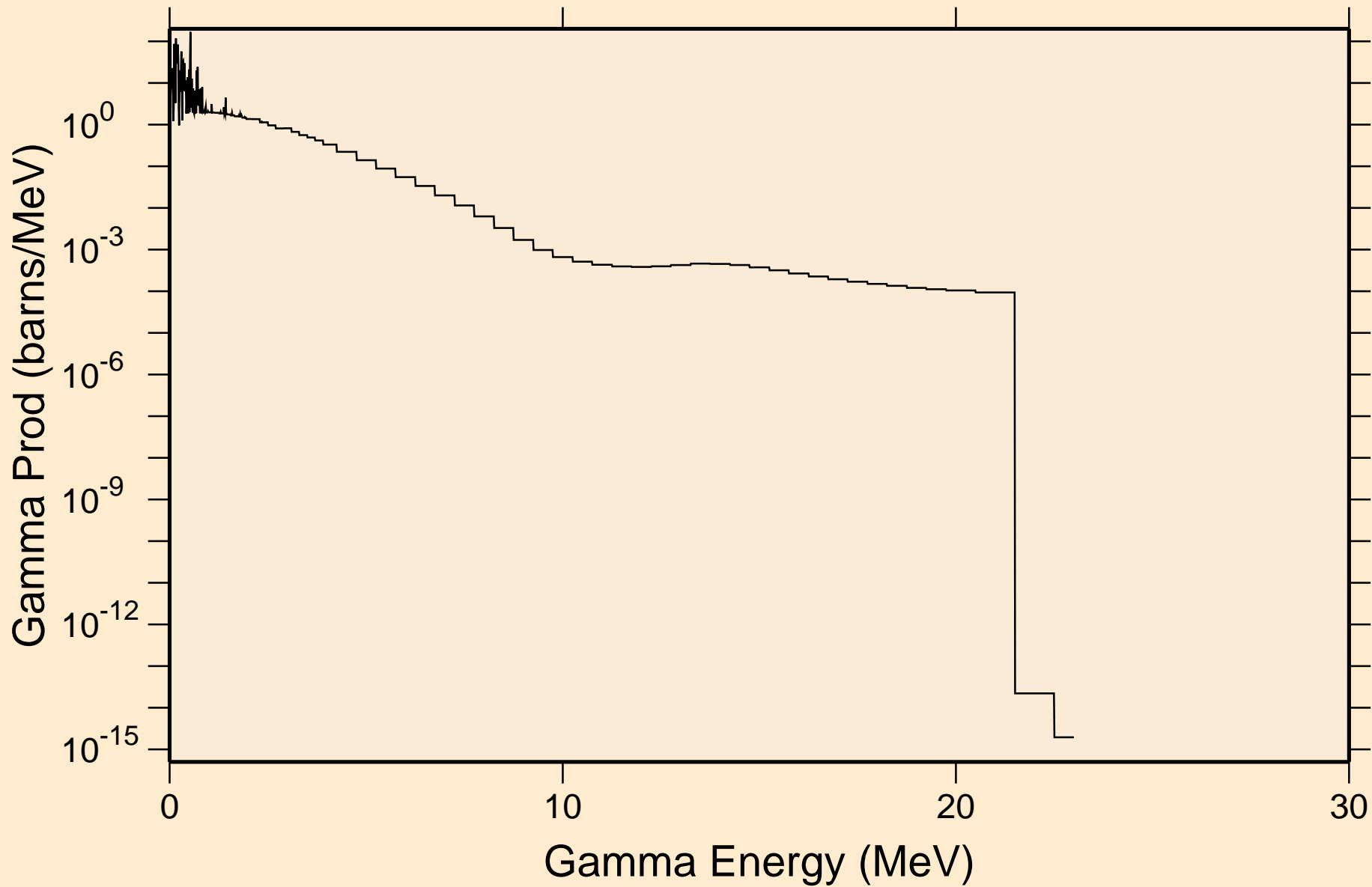
GD142 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



GD142 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

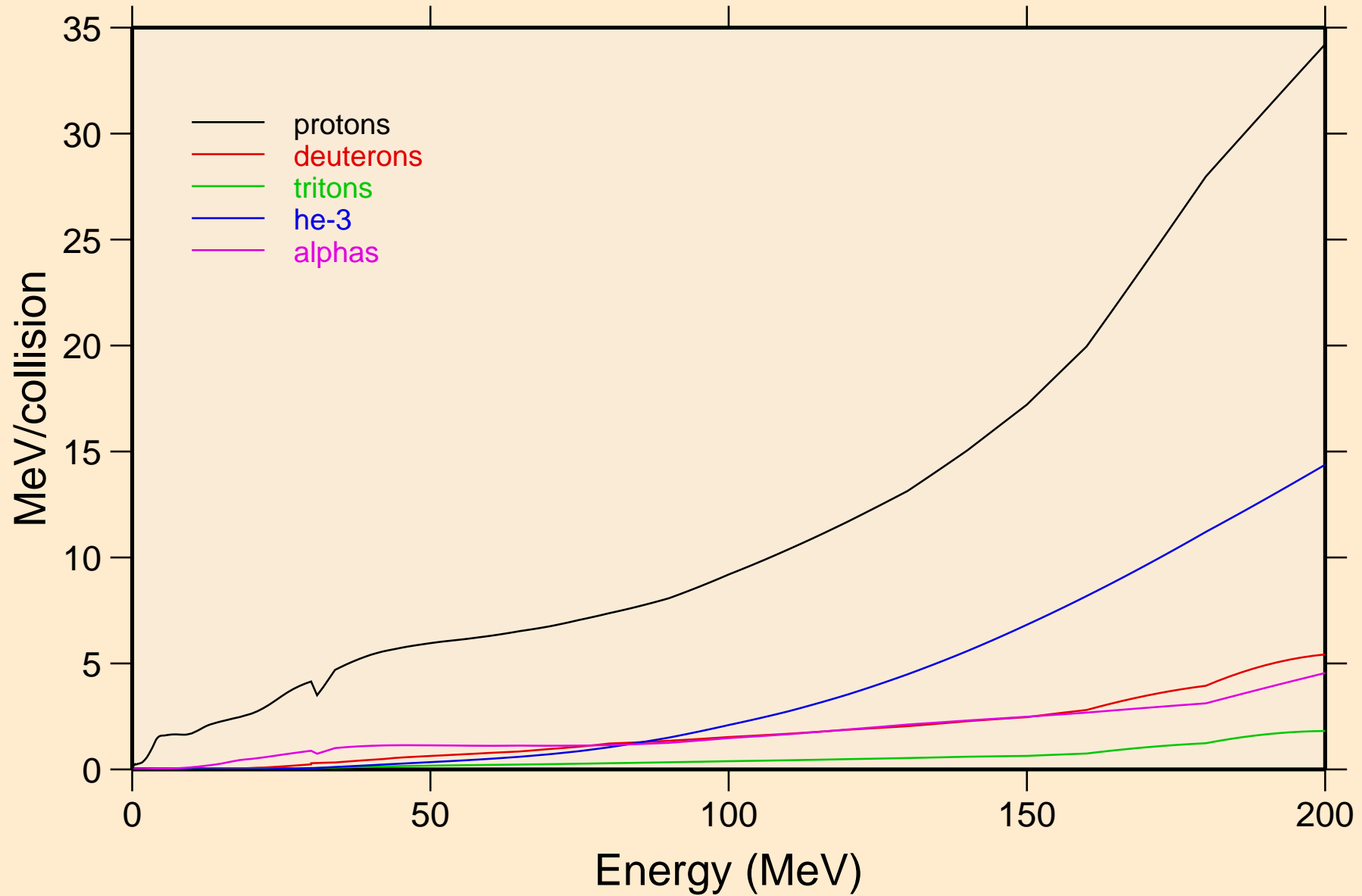


GD142 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



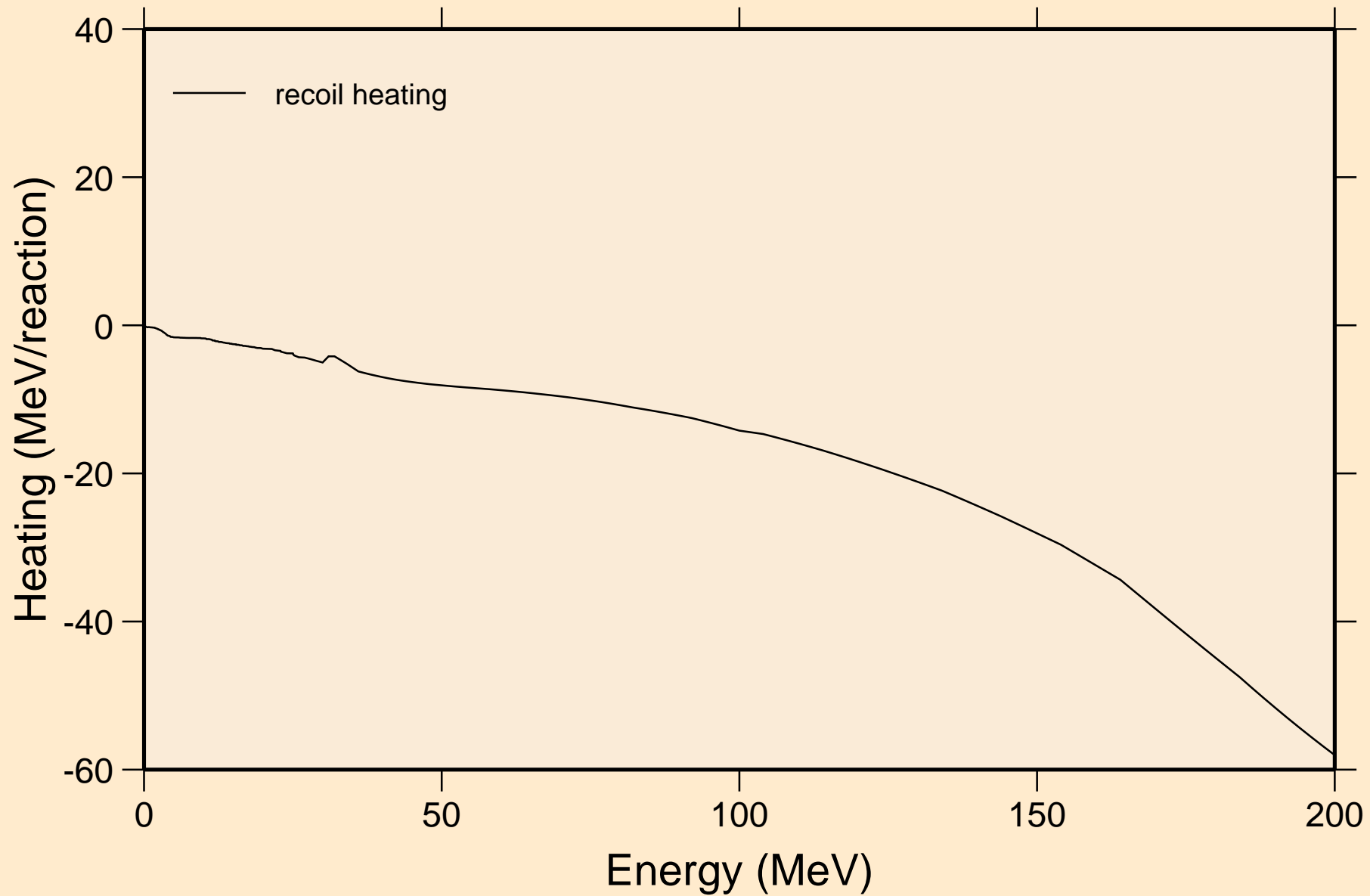
# GD142 NRG TENDL-2015, AKONING

## Particle heating contributions



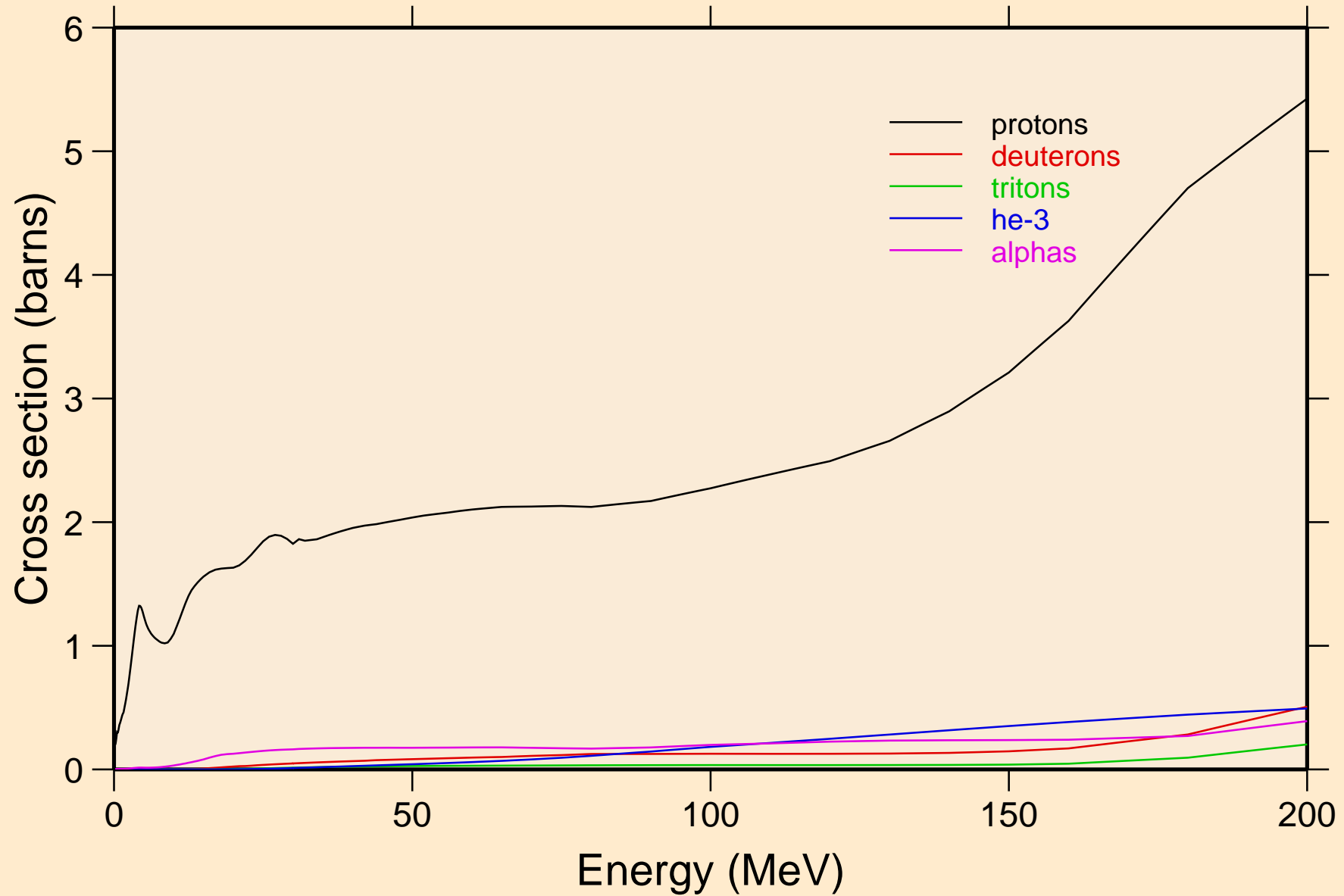
# GD142 NRG TENDL-2015, AKONING

## Recoil Heating

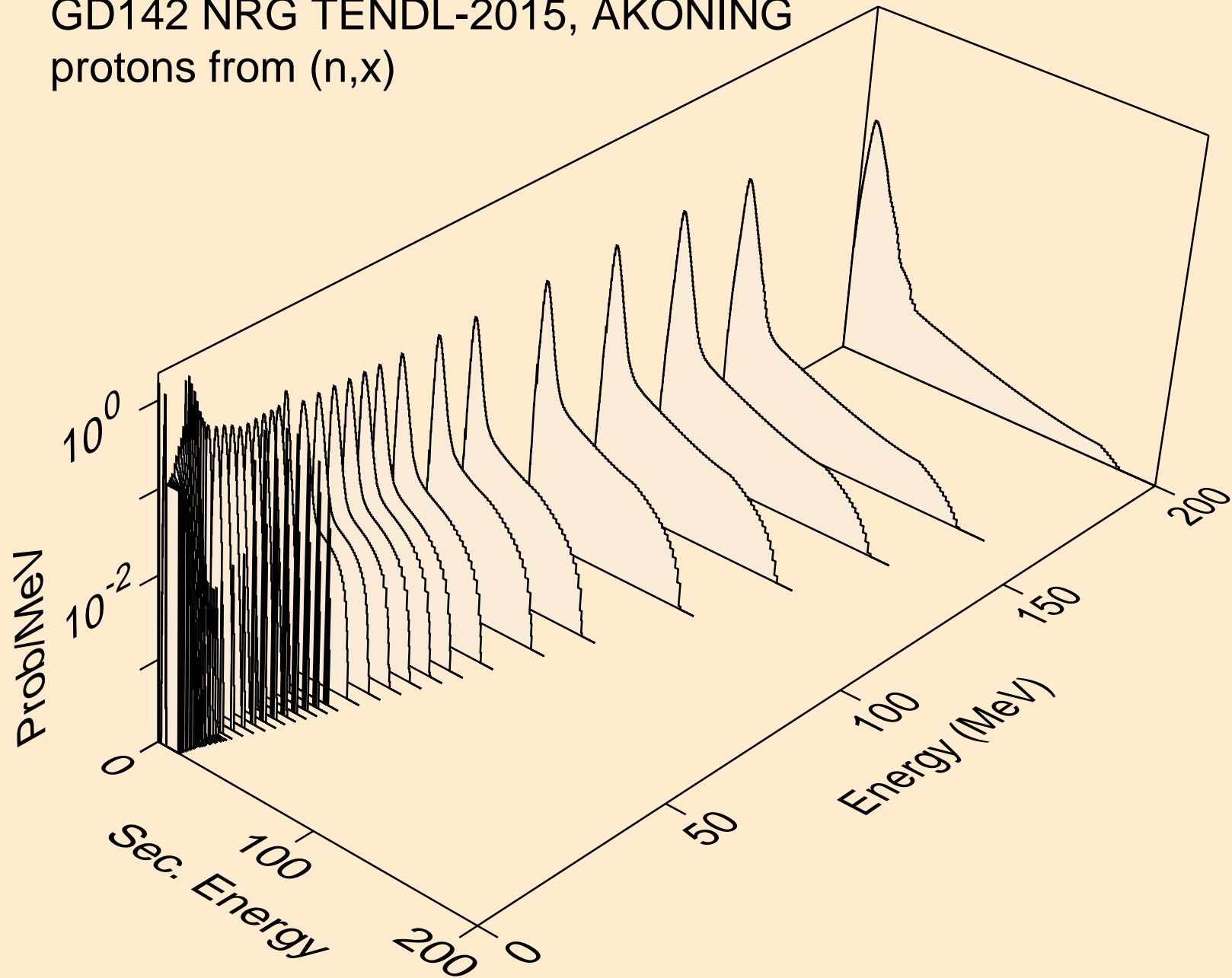


# GD142 NRG TENDL-2015, AKONING

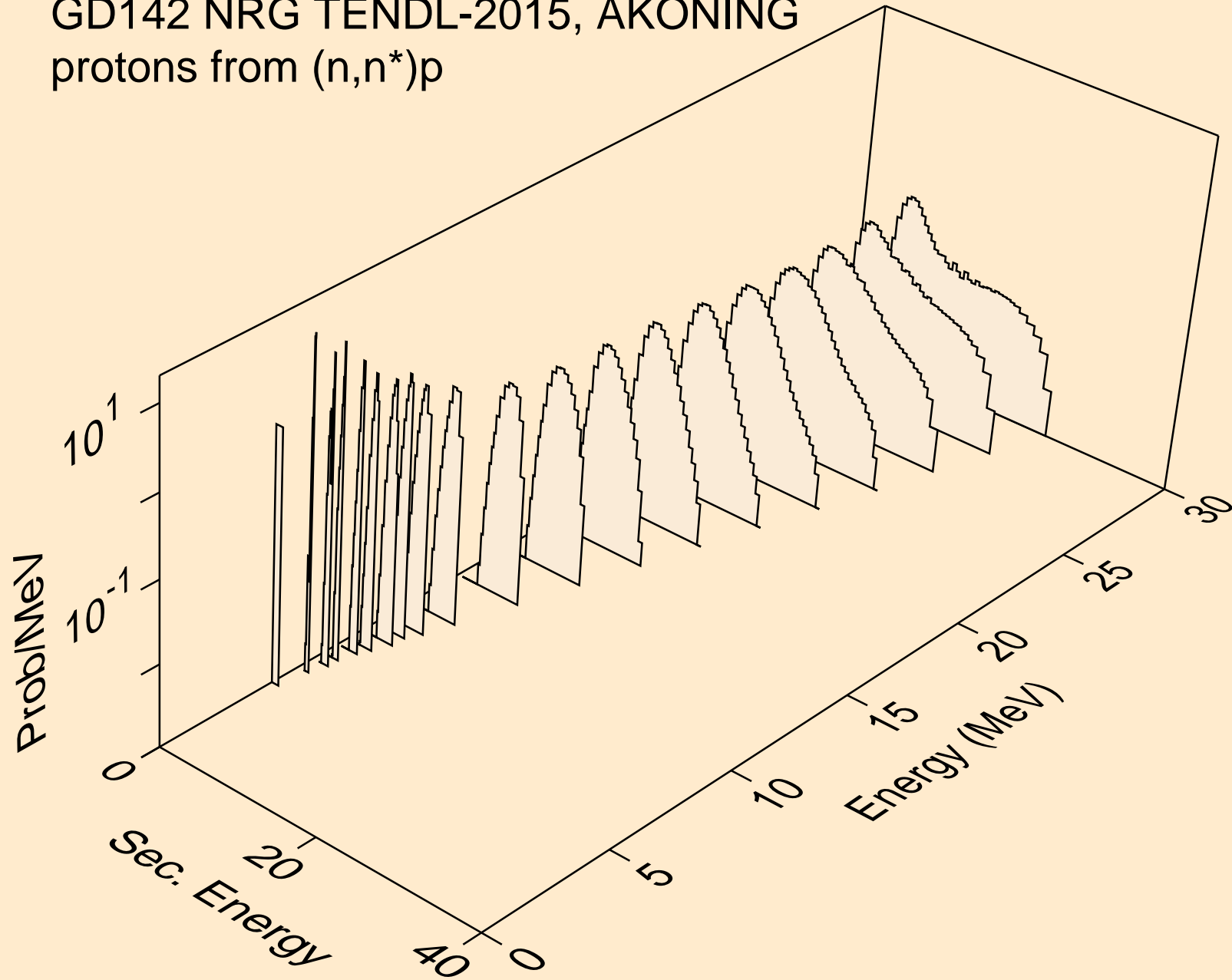
## Particle production cross sections



GD142 NRG TENDL-2015, AKONING  
protons from (n,x)

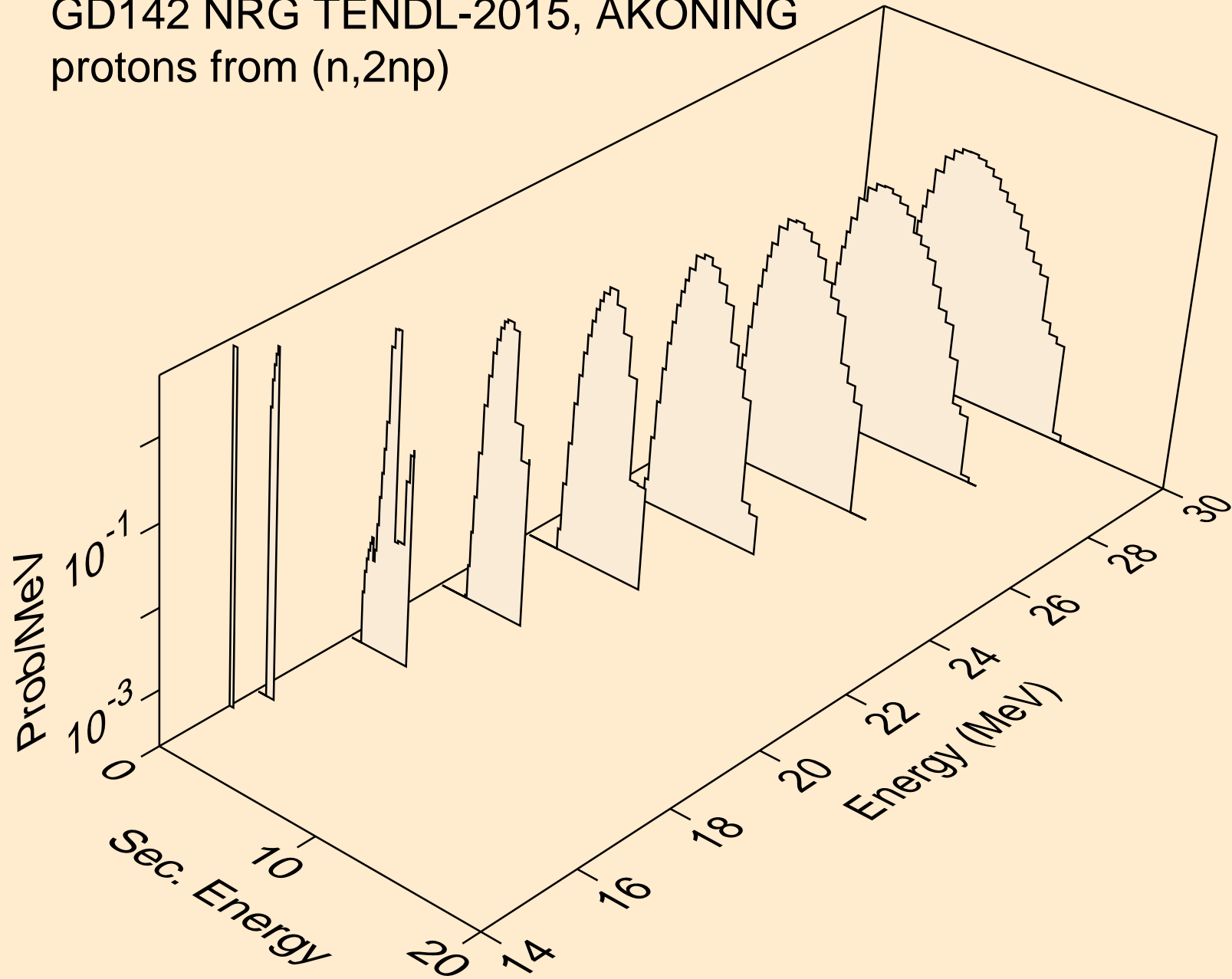


GD142 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

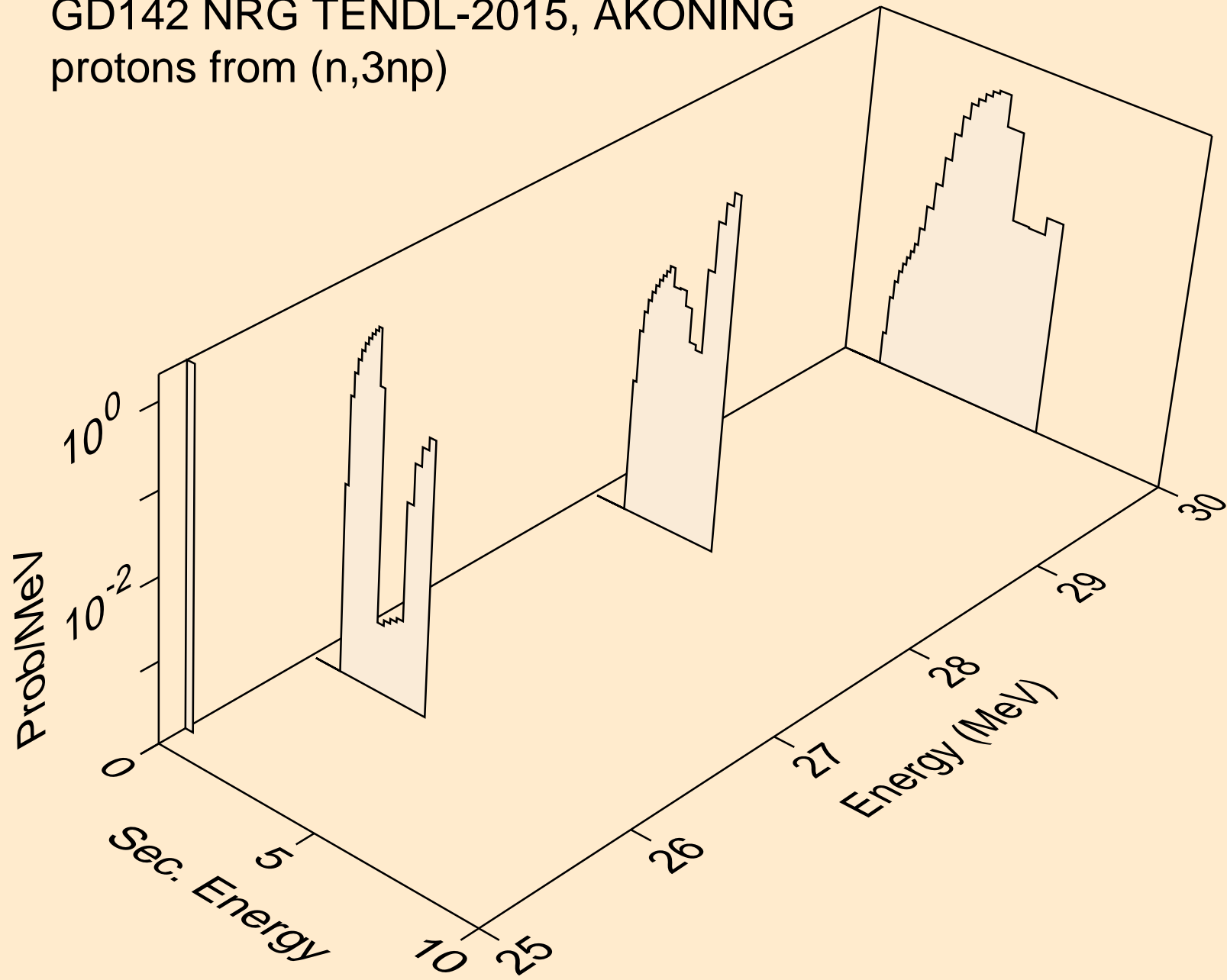




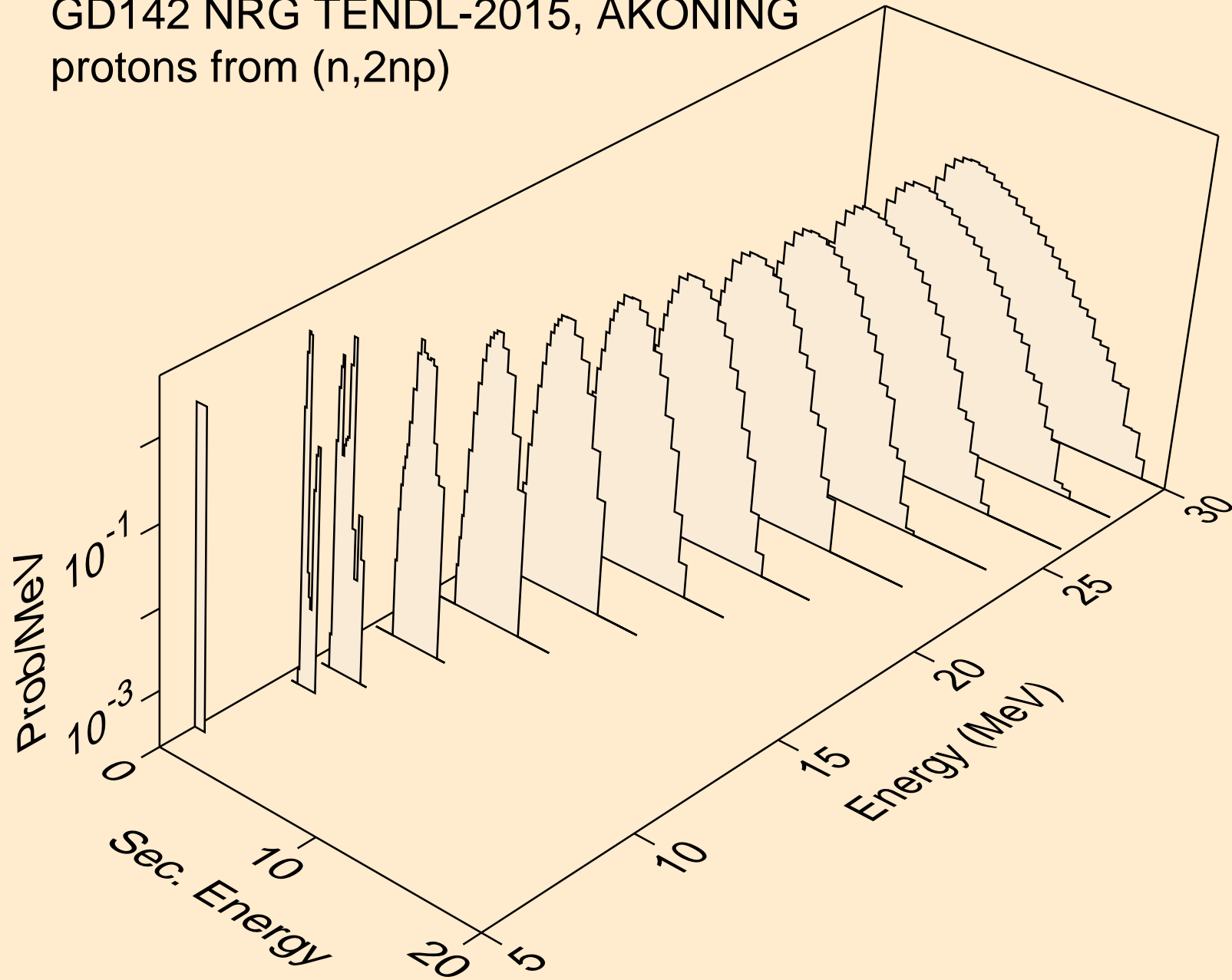
GD142 NRG TENDL-2015, AKONING  
protons from (n,2np)



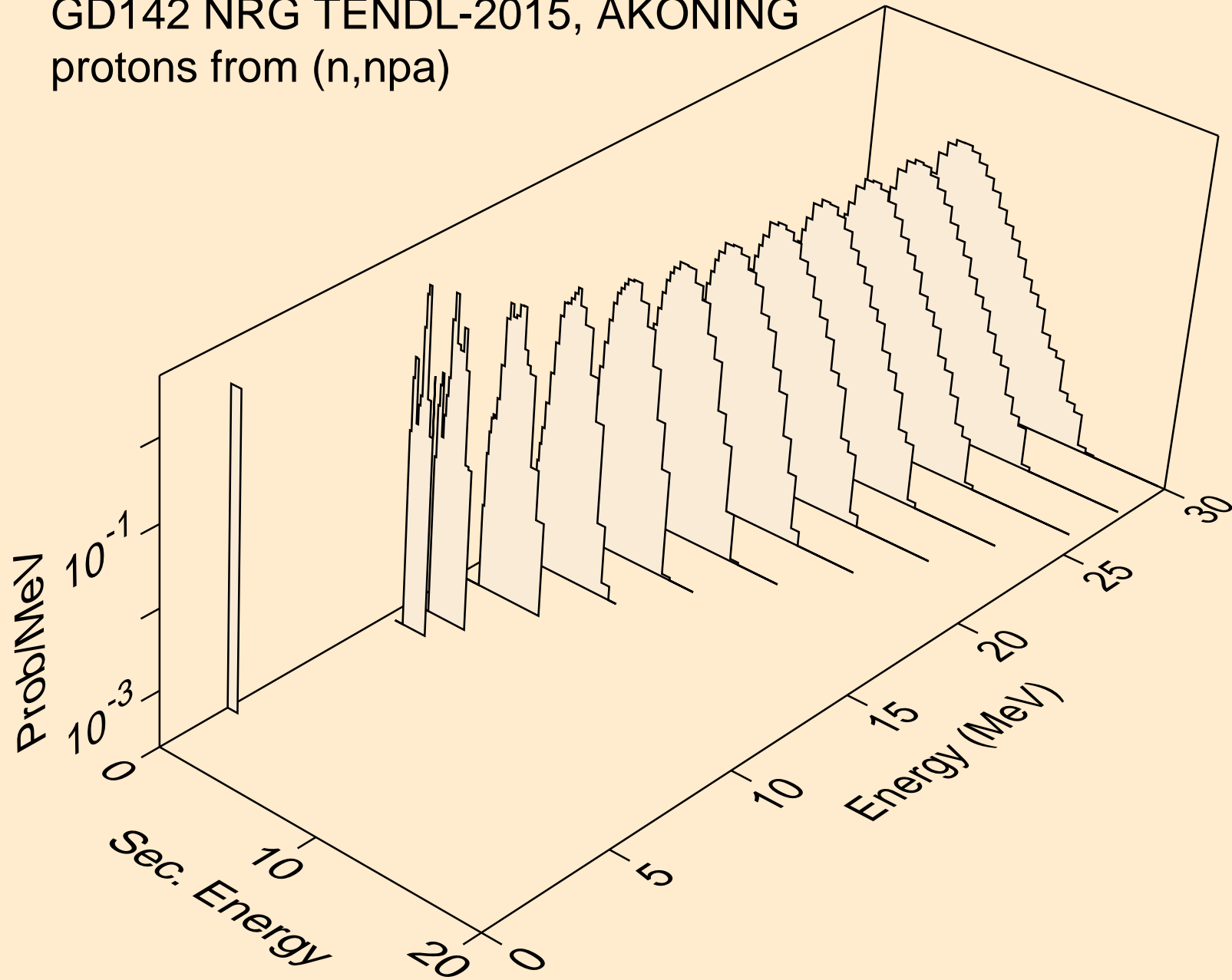
GD142 NRG TENDL-2015, AKONING  
protons from (n,3np)



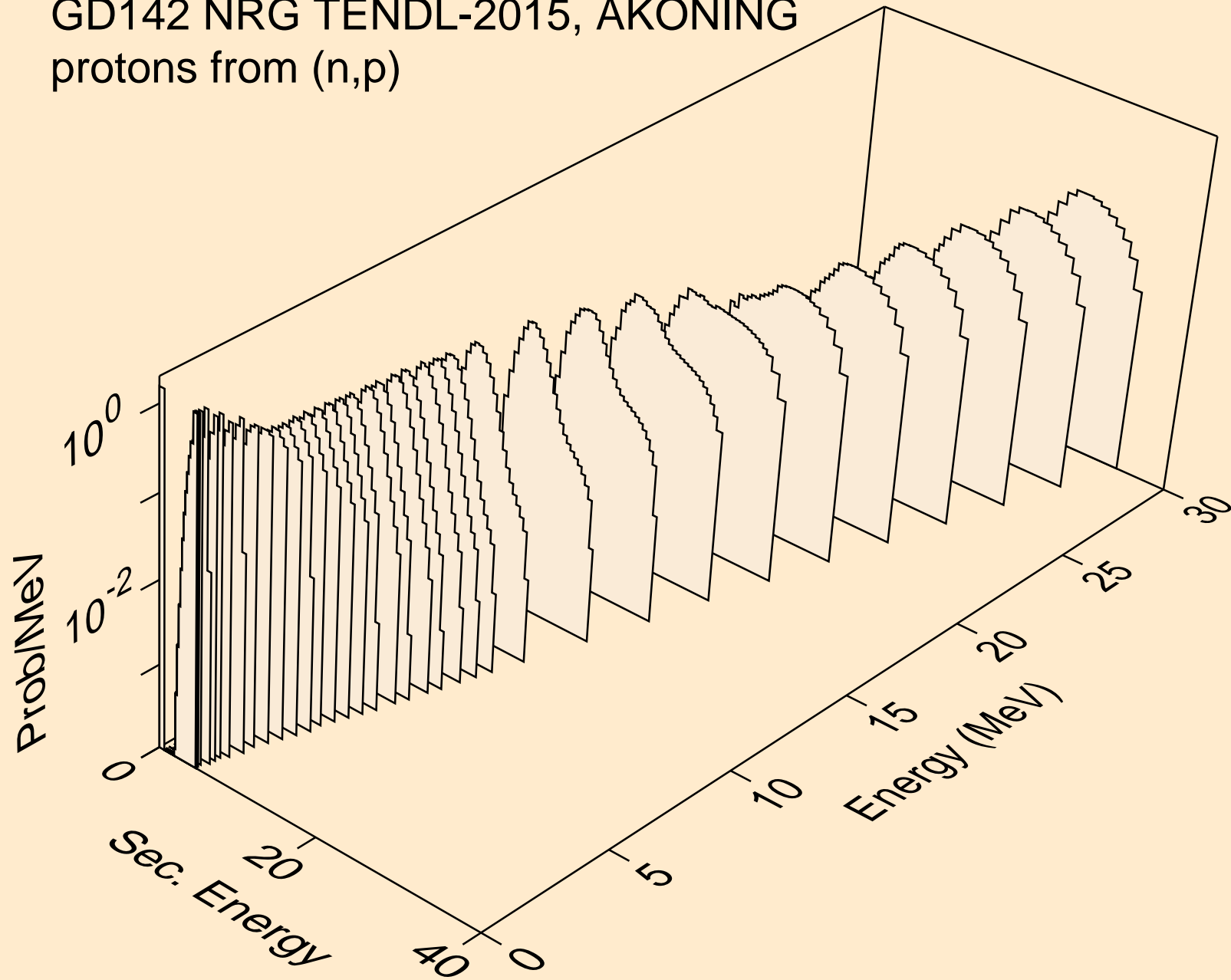
GD142 NRG TENDL-2015, AKONING  
protons from (n,2np)



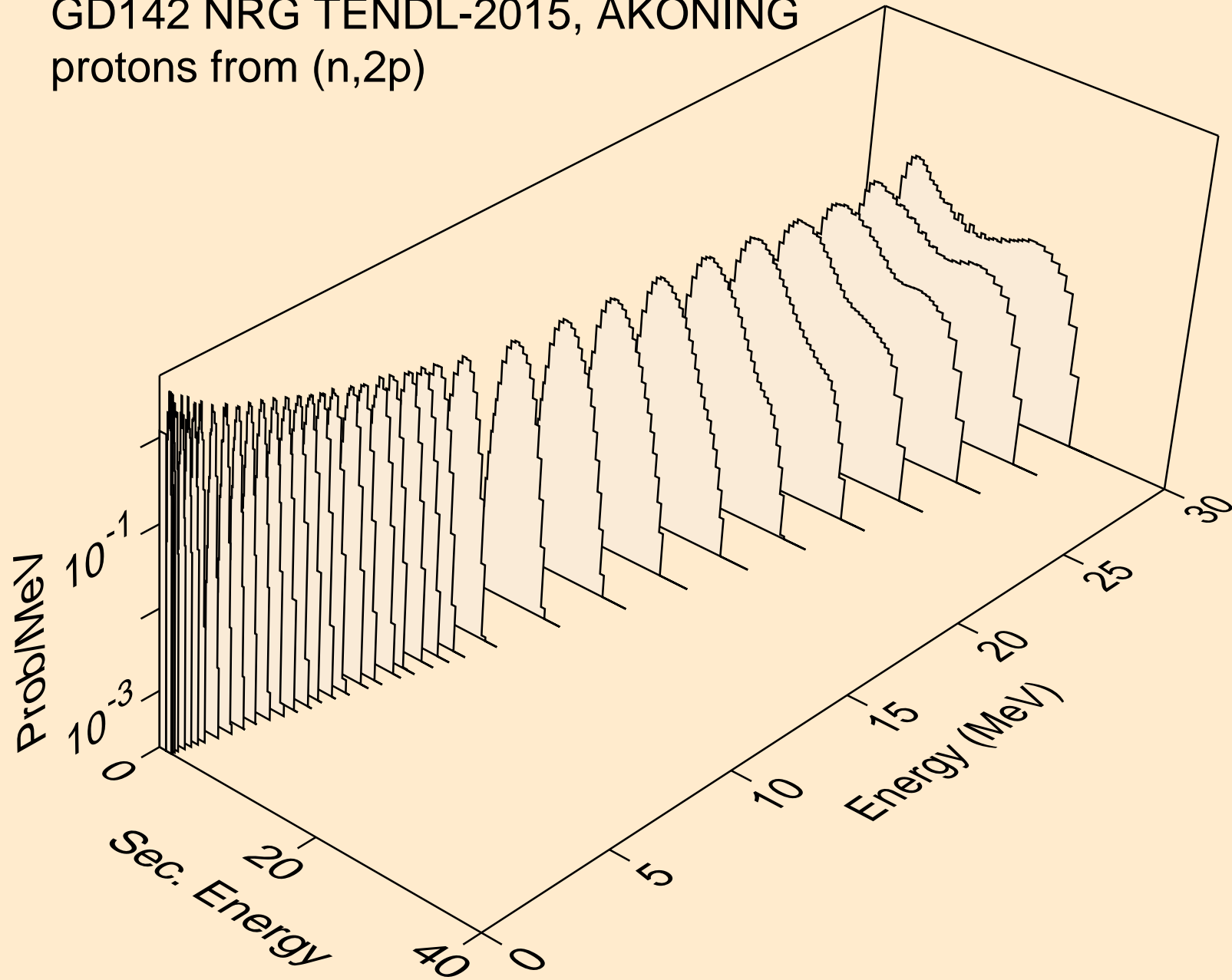
GD142 NRG TENDL-2015, AKONING  
protons from (n,npa)



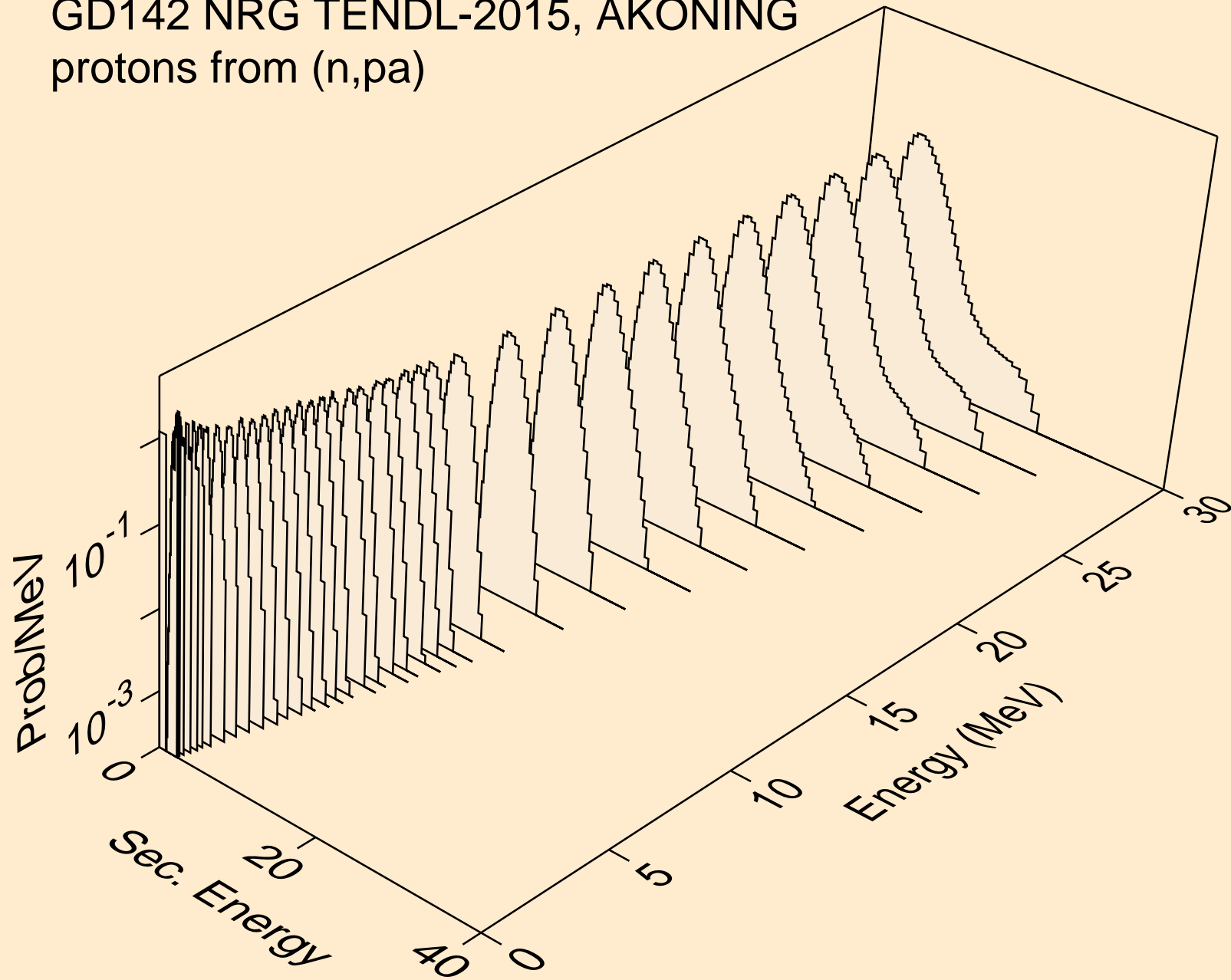
GD142 NRG TENDL-2015, AKONING  
protons from (n,p)



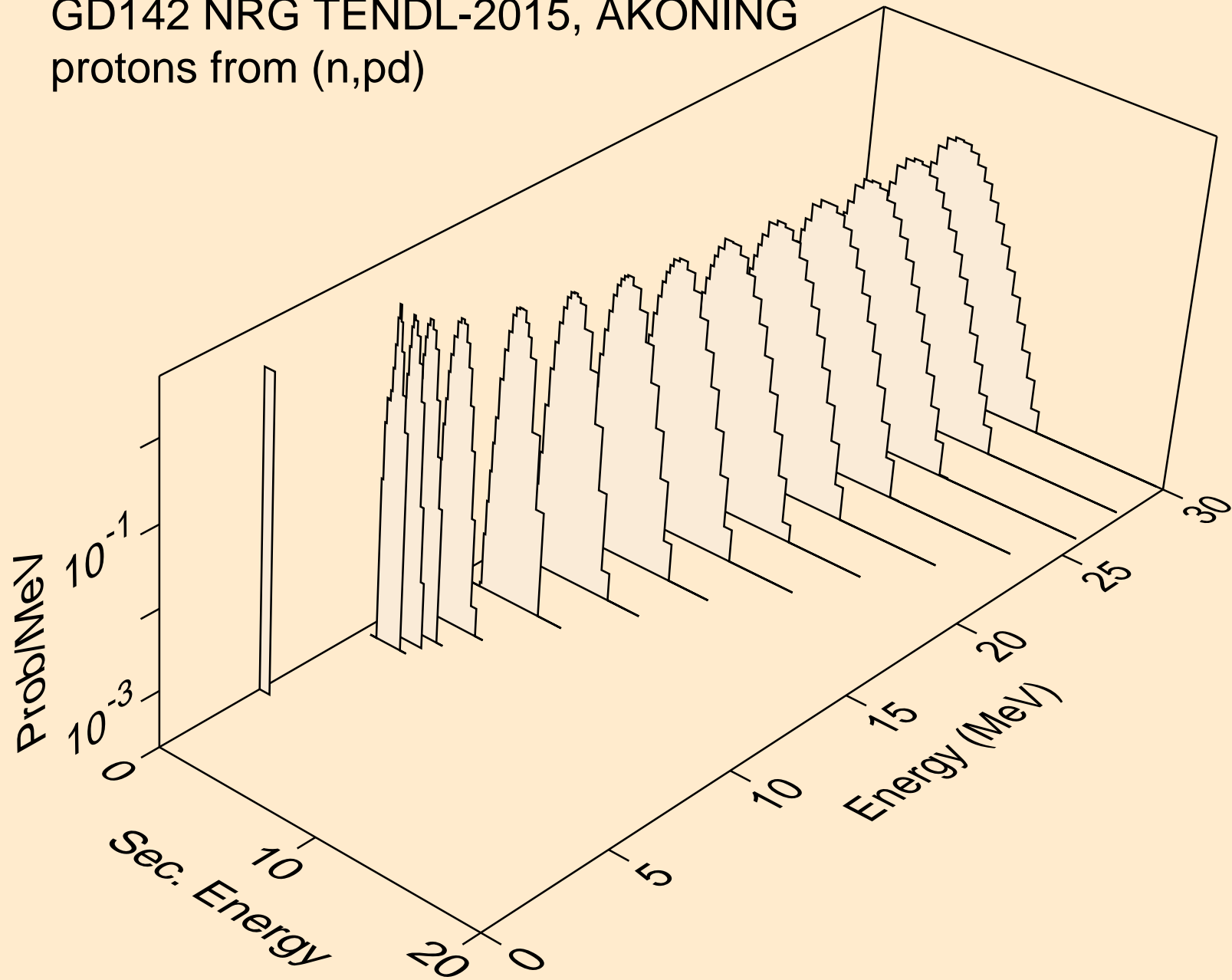
GD142 NRG TENDL-2015, AKONING  
protons from (n,2p)



GD142 NRG TENDL-2015, AKONING  
protons from (n,p)

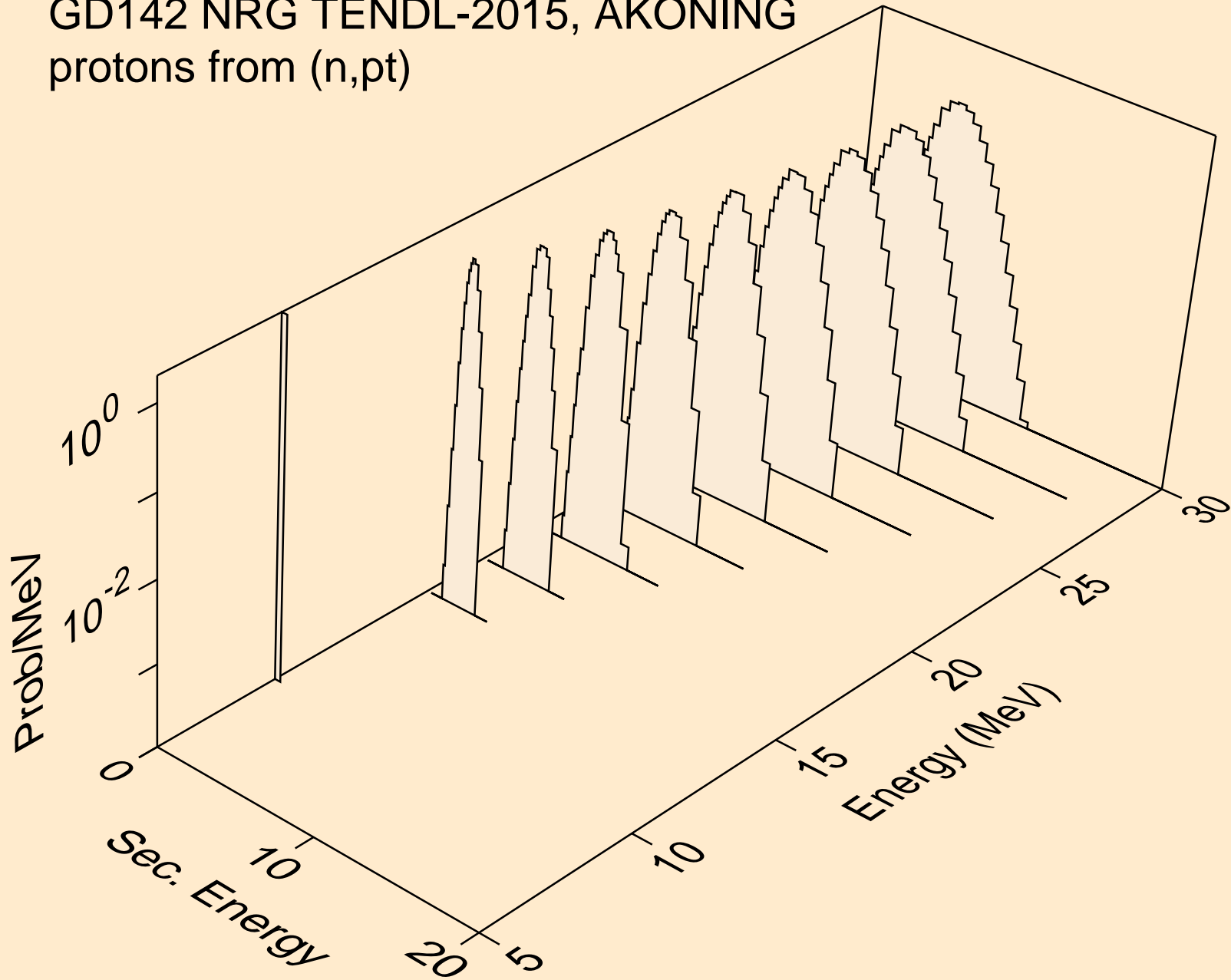


GD142 NRG TENDL-2015, AKONING  
protons from (n,pd)

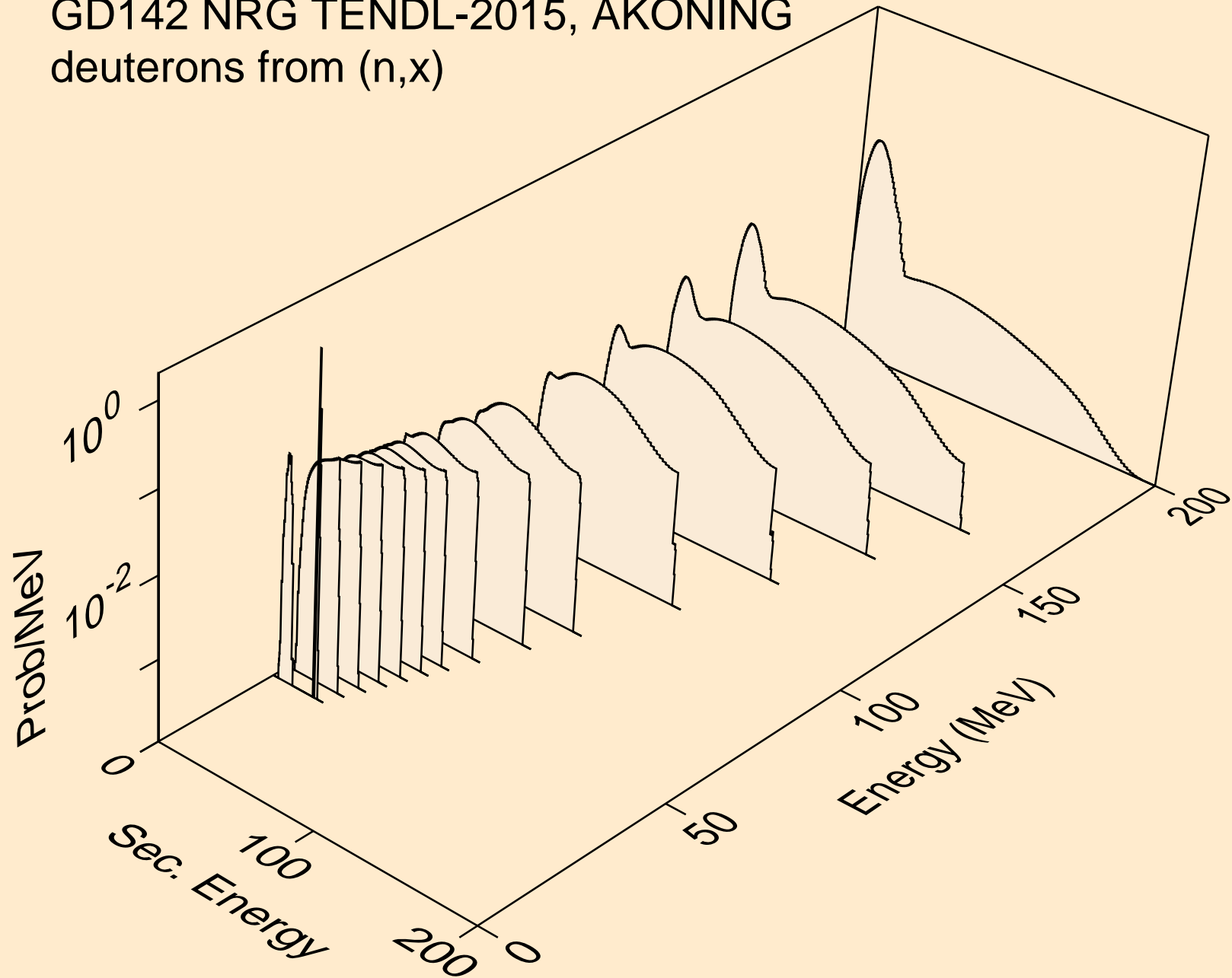




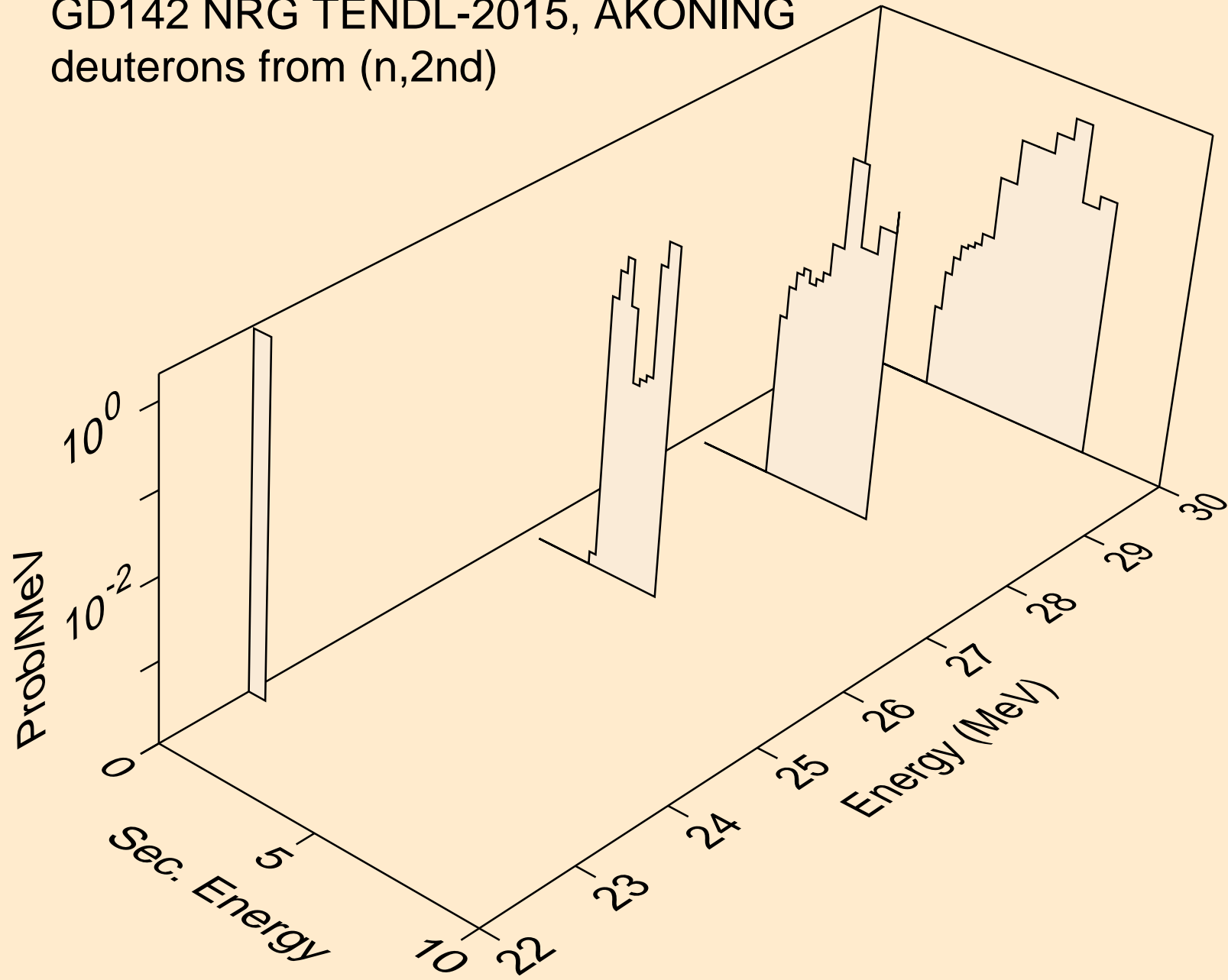
GD142 NRG TENDL-2015, AKONING  
protons from (n,pt)



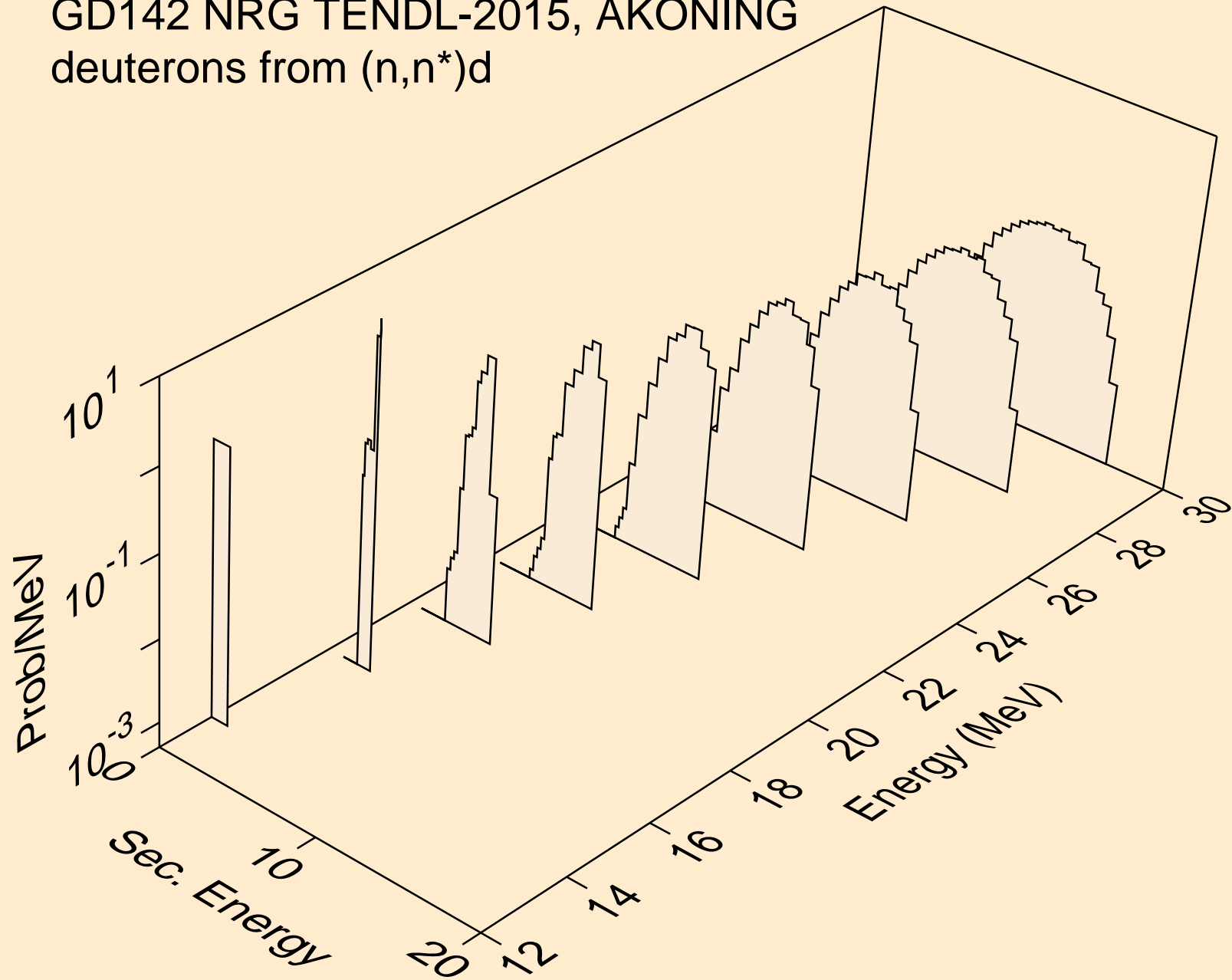
GD142 NRG TENDL-2015, AKONING  
deuterons from (n,x)



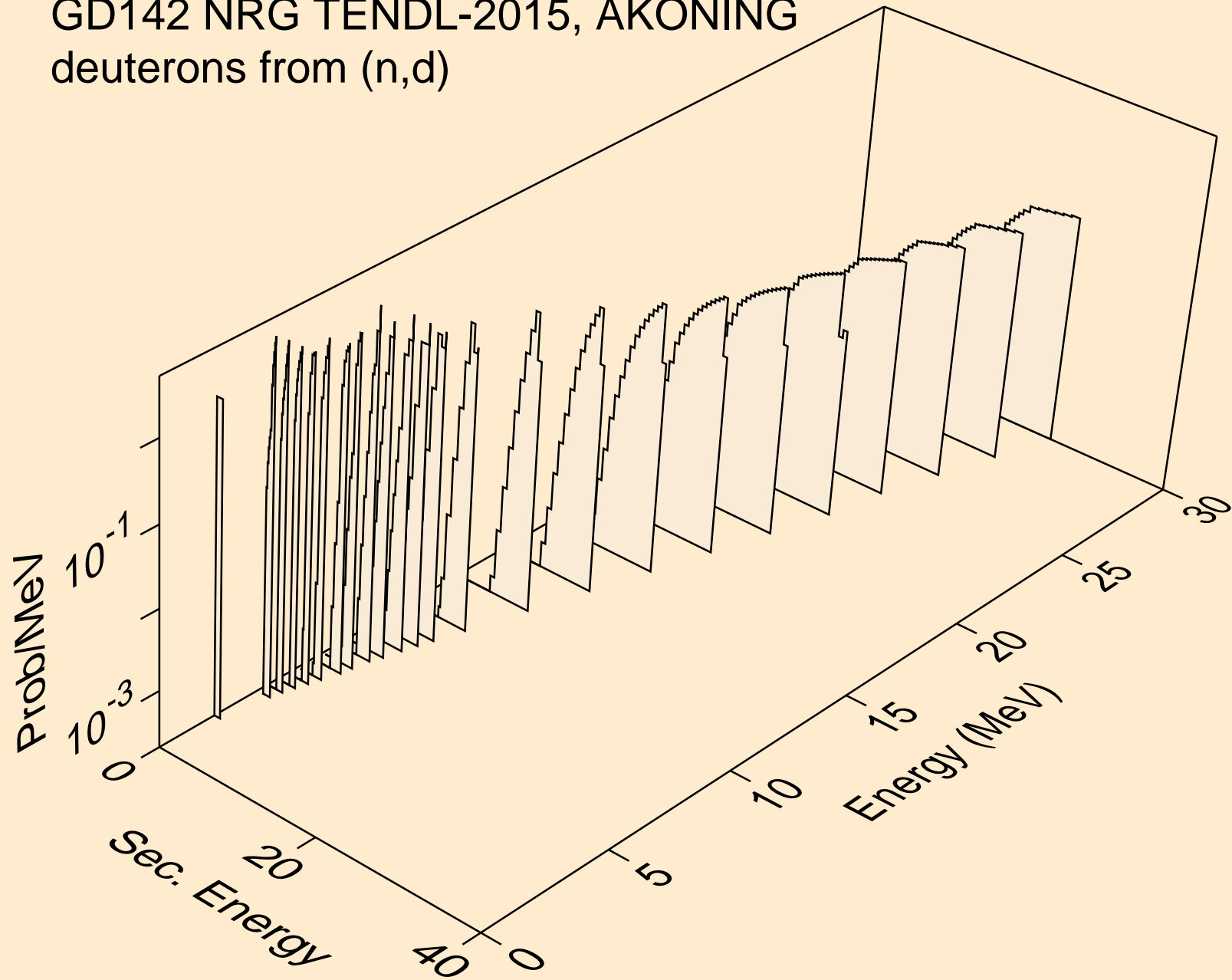
GD142 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



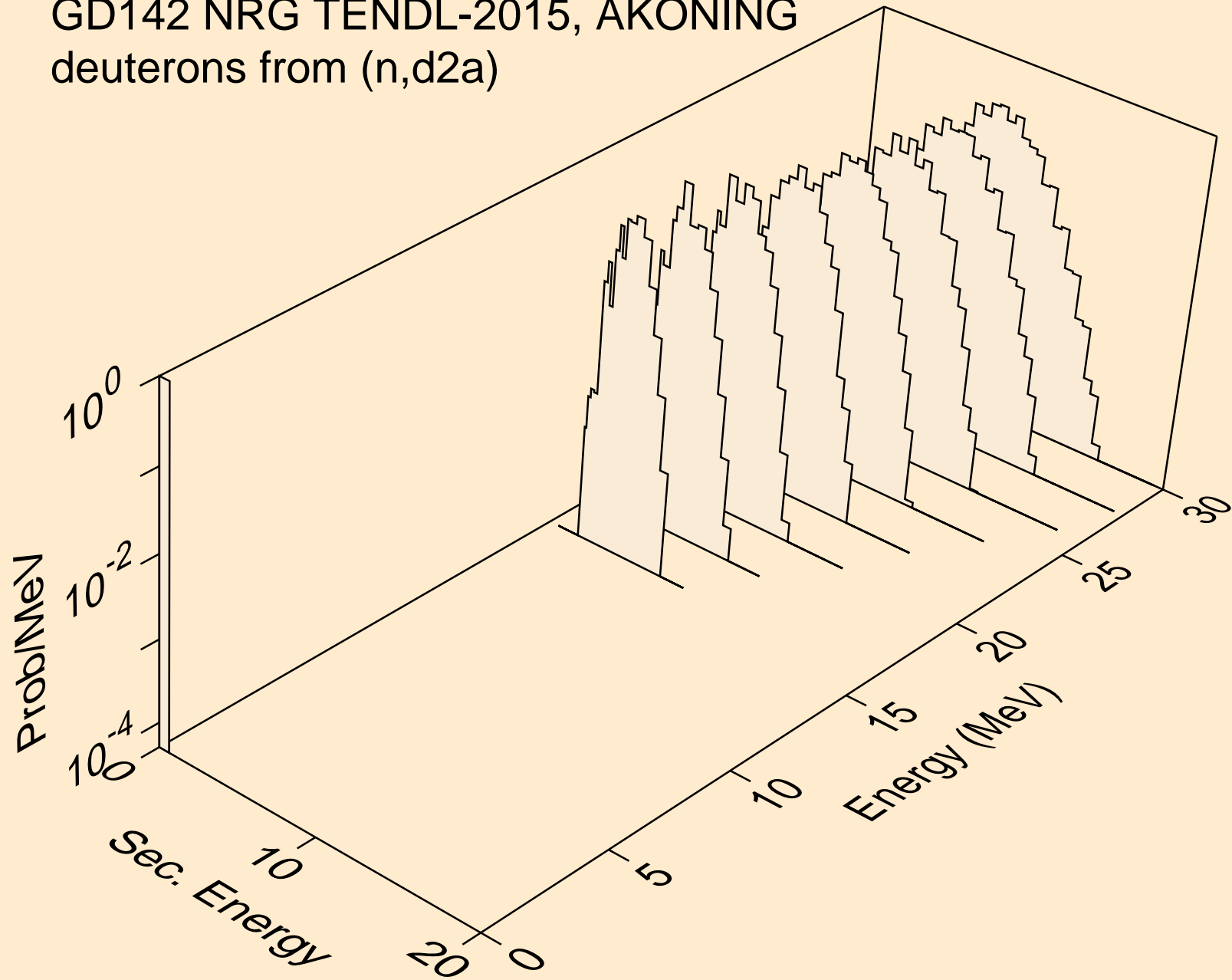
GD142 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



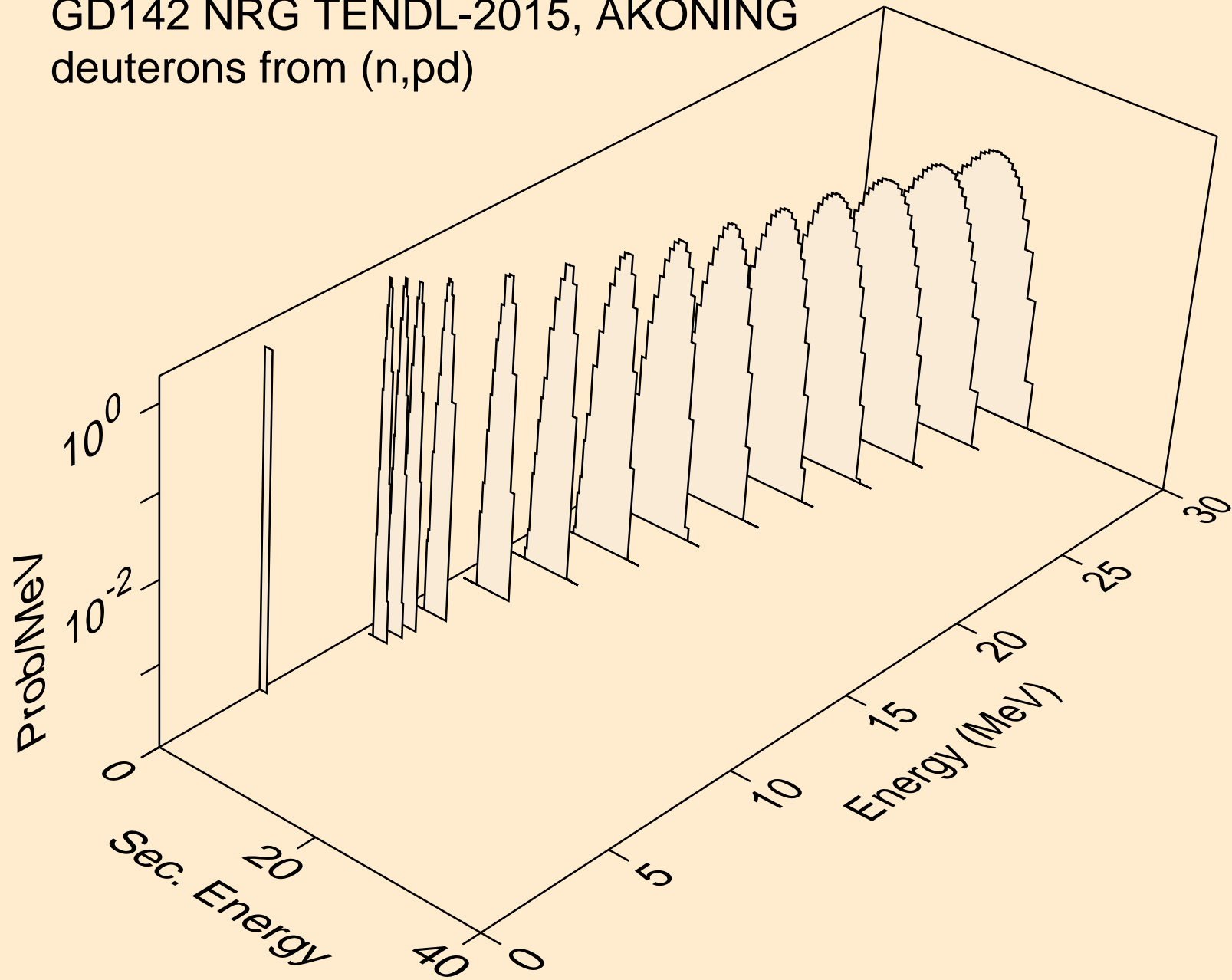
GD142 NRG TENDL-2015, AKONING  
deuterons from (n,d)



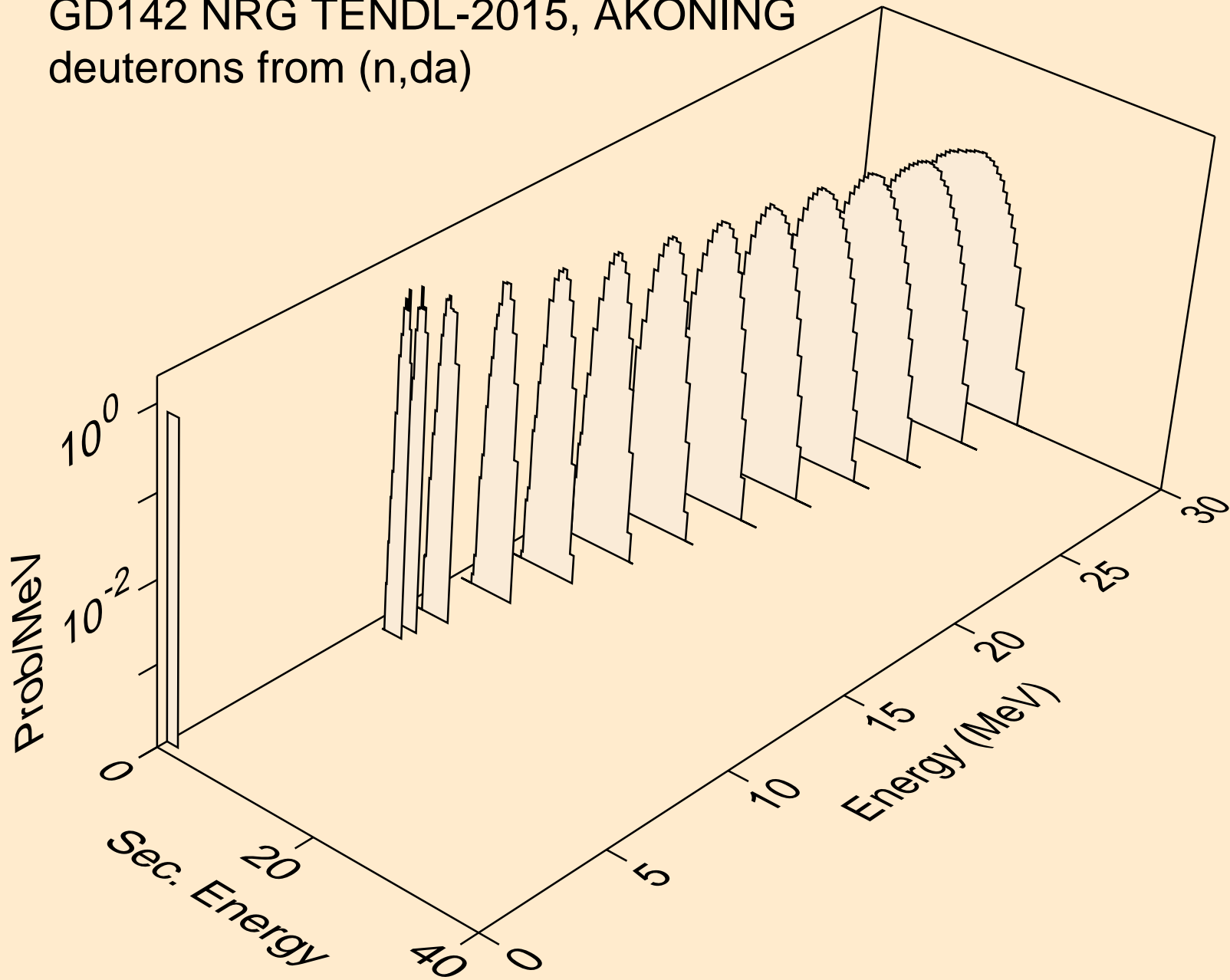
GD142 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



GD142 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

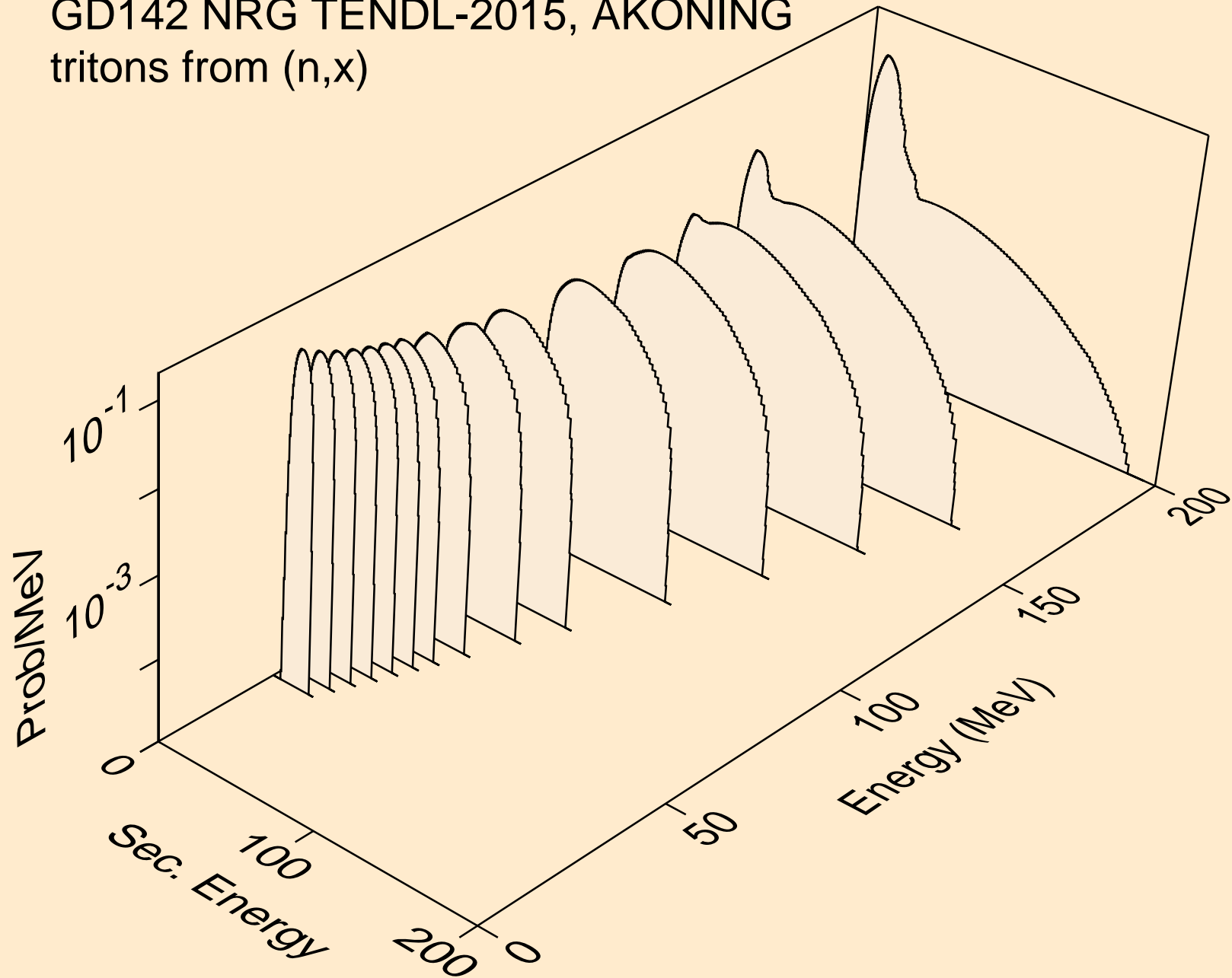


GD142 NRG TENDL-2015, AKONING  
deuterons from (n,da)

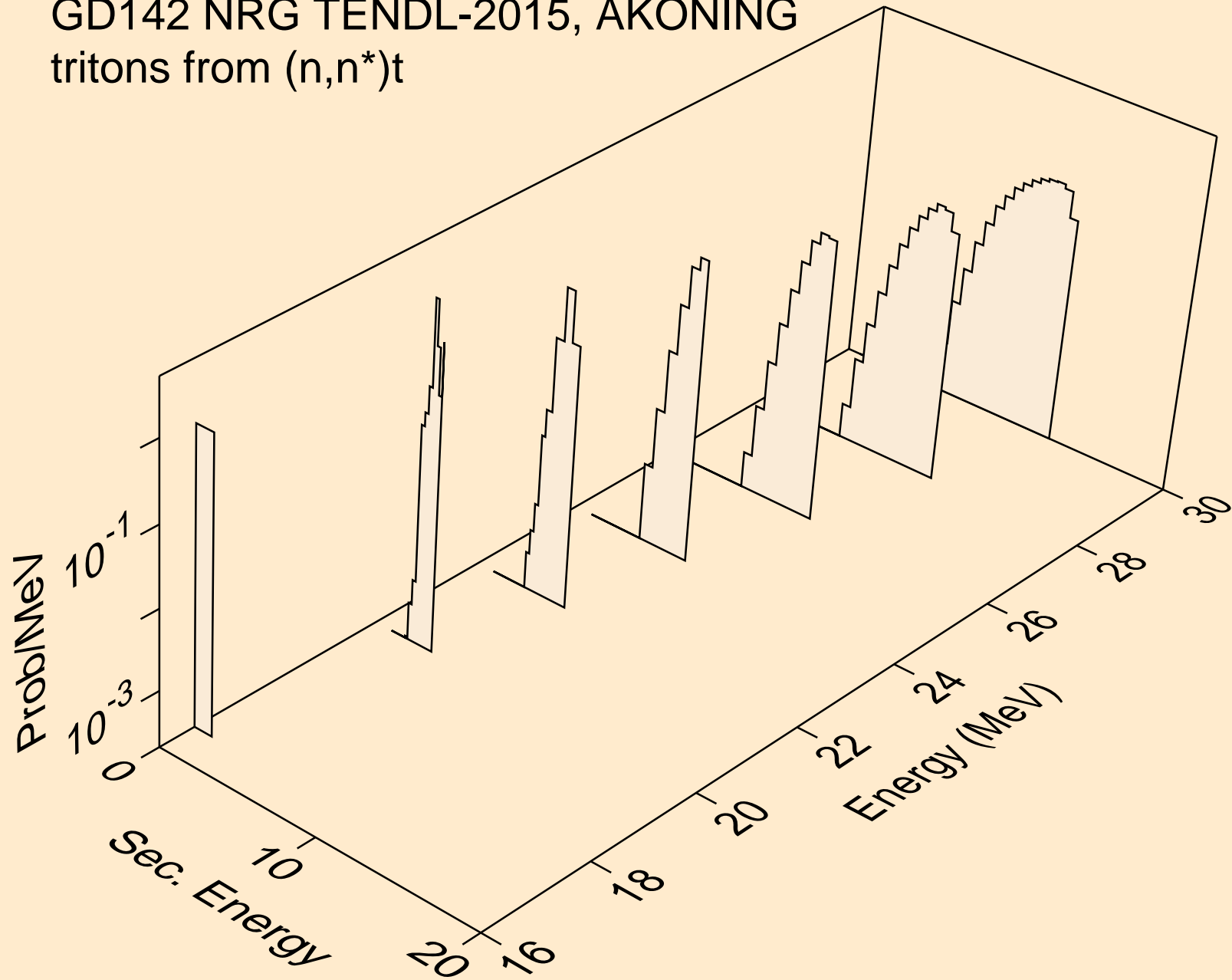




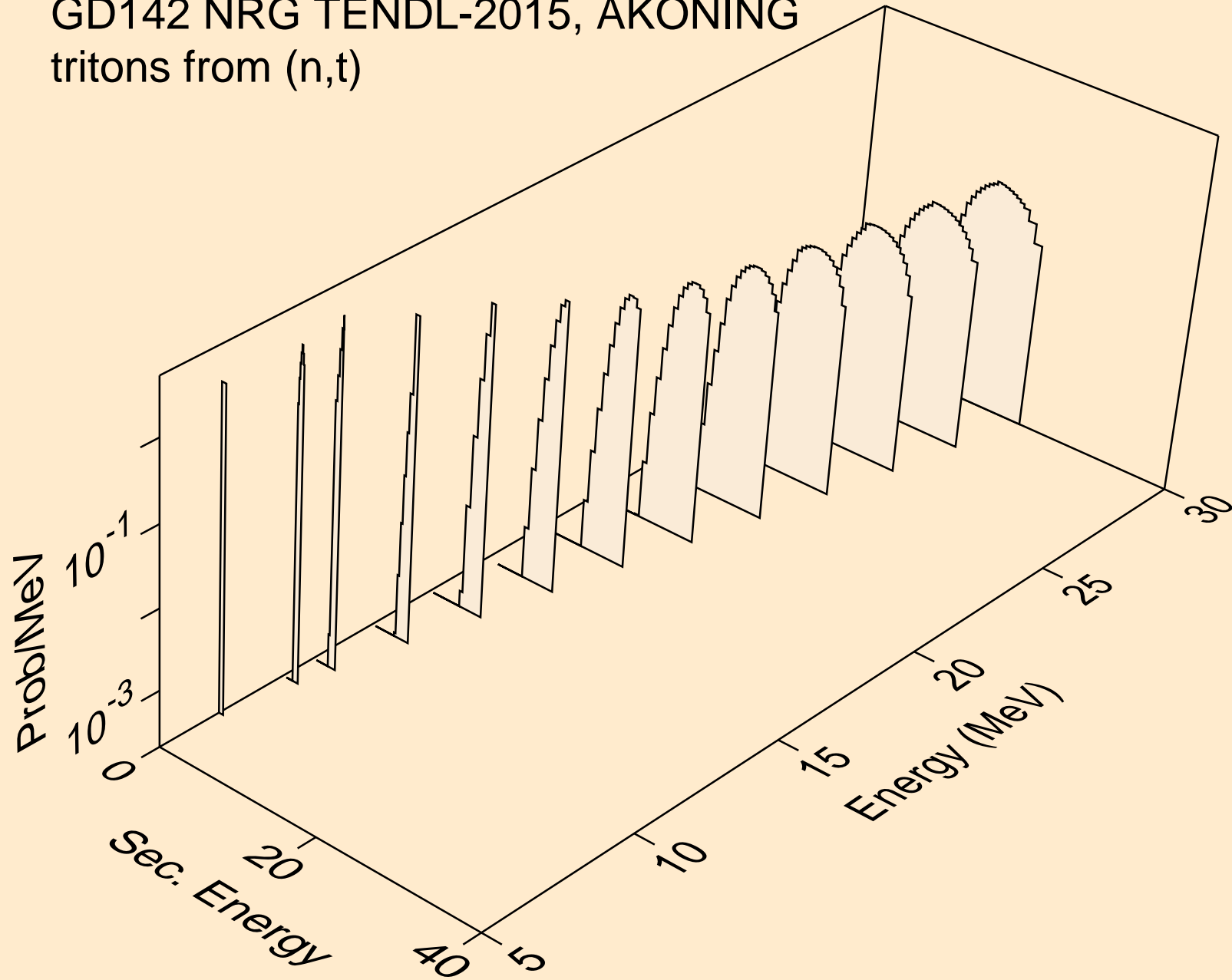
GD142 NRG TENDL-2015, AKONING  
tritons from (n,x)



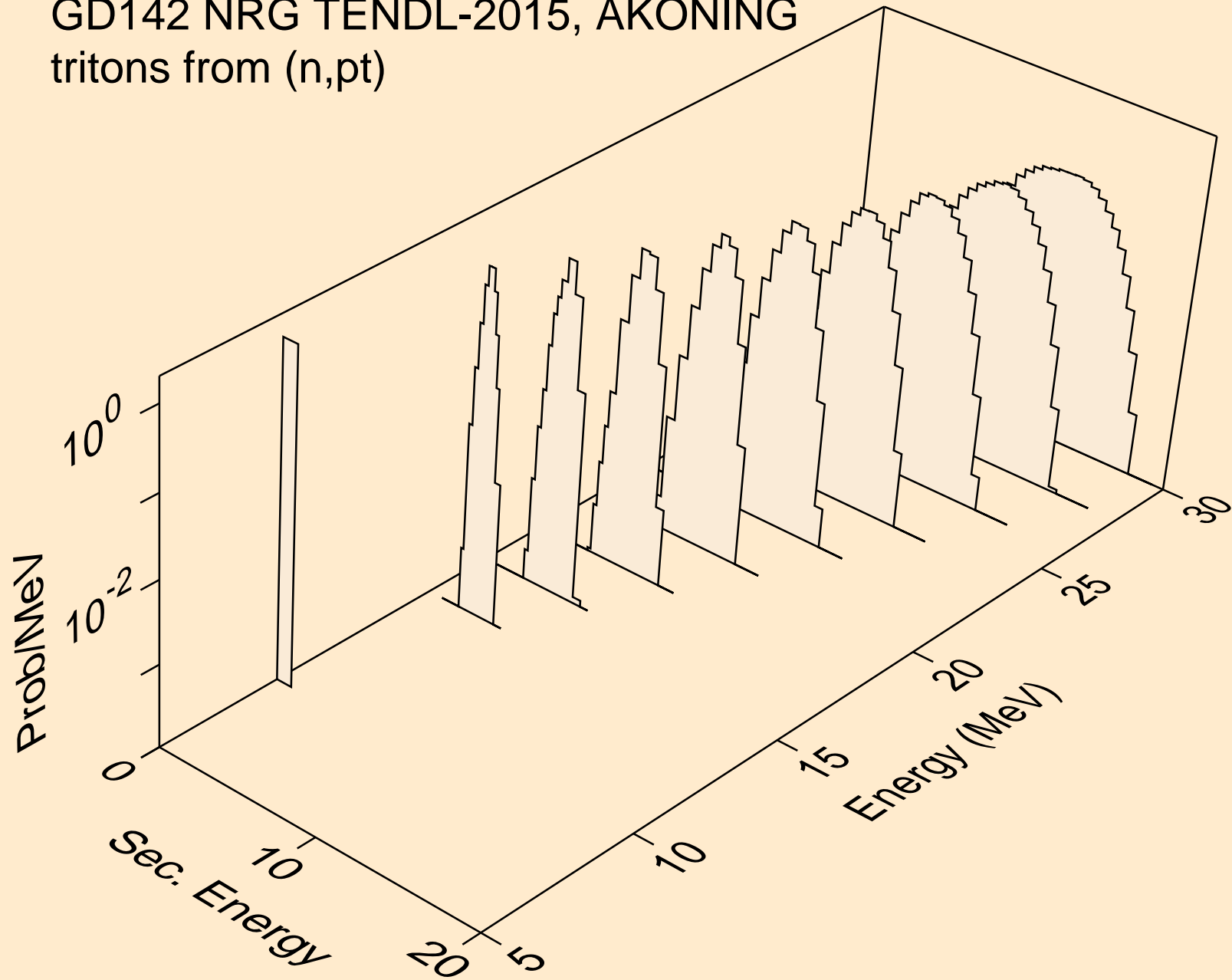
GD142 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



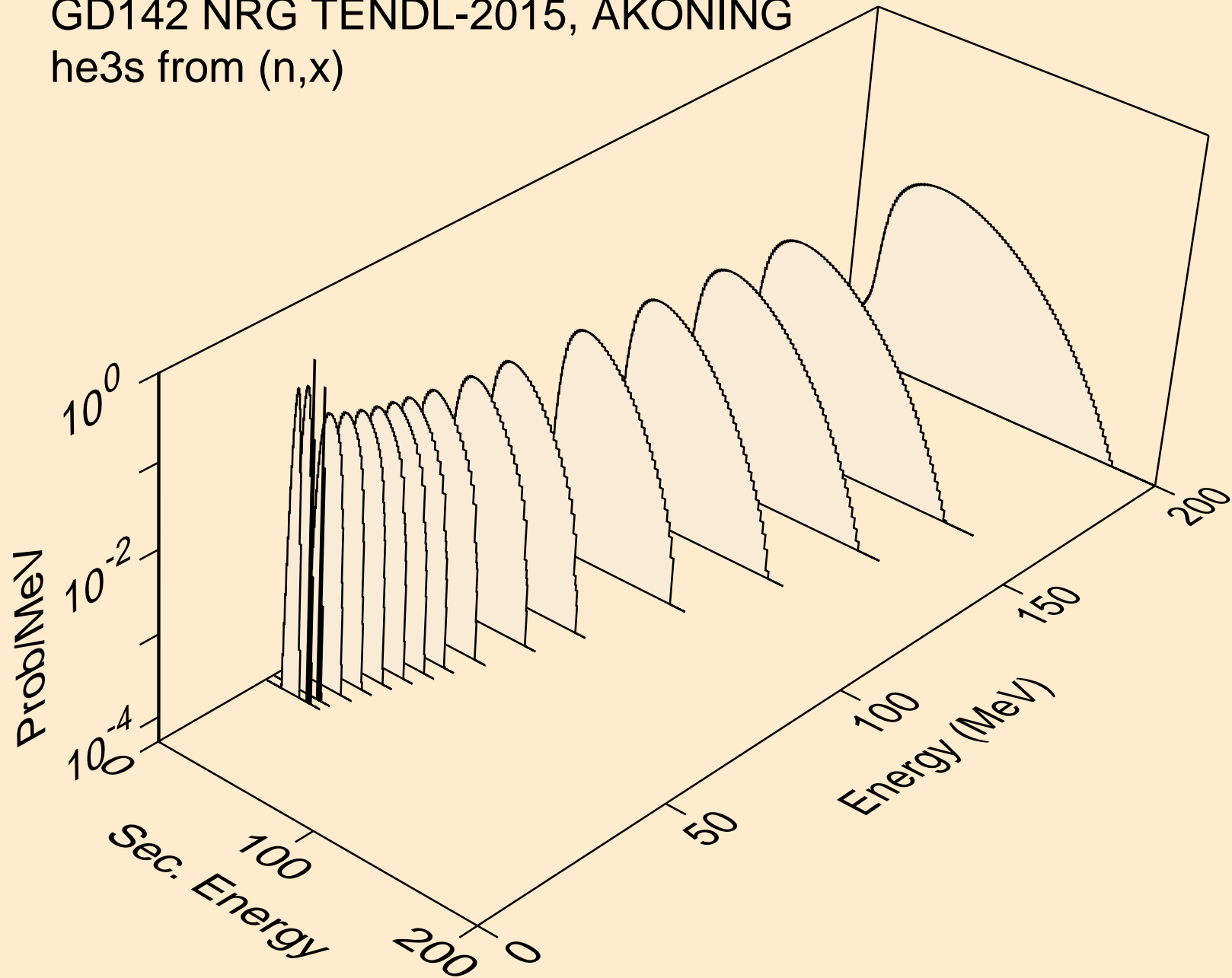
GD142 NRG TENDL-2015, AKONING  
tritons from (n,t)



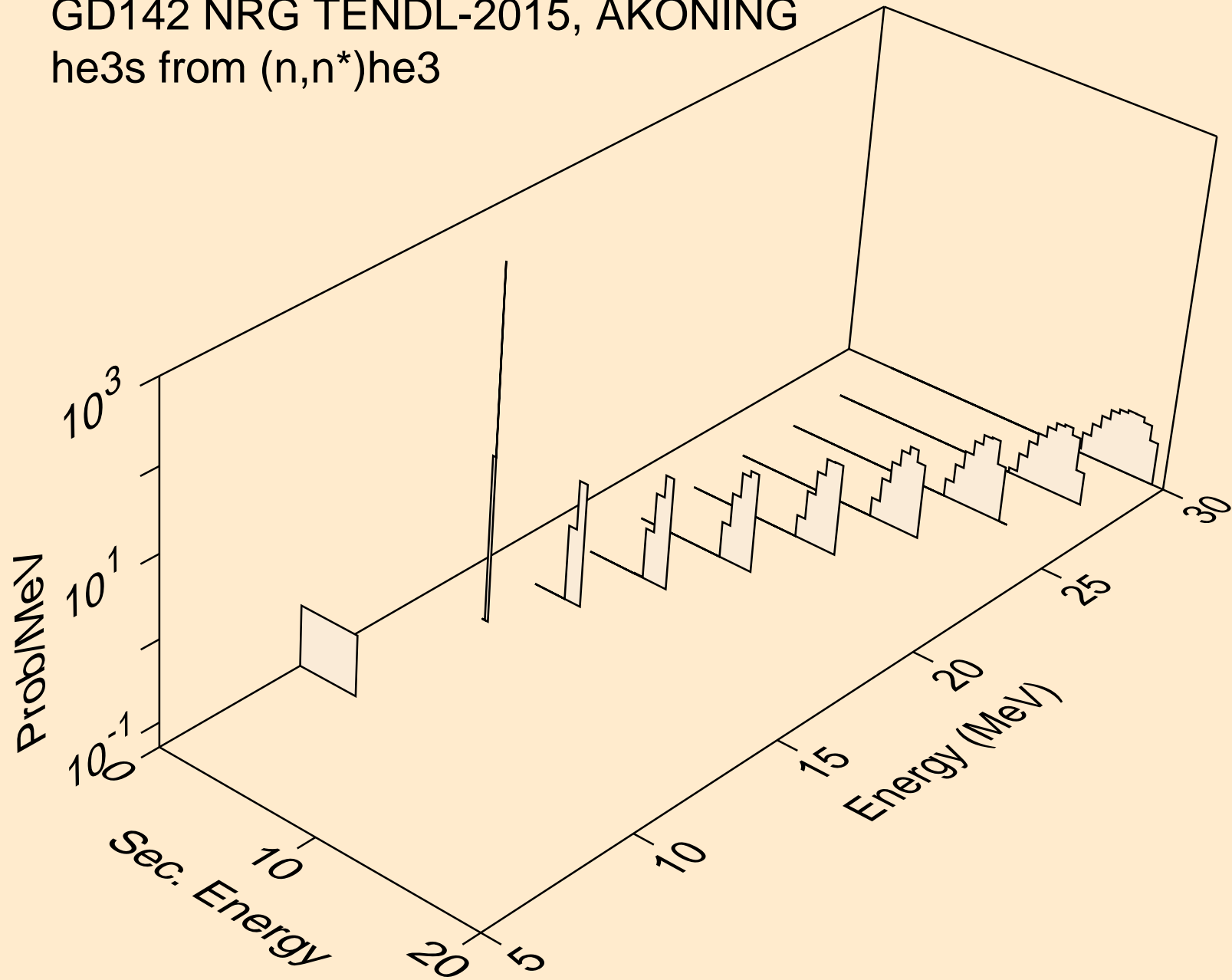
GD142 NRG TENDL-2015, AKONING  
tritons from (n,pt)



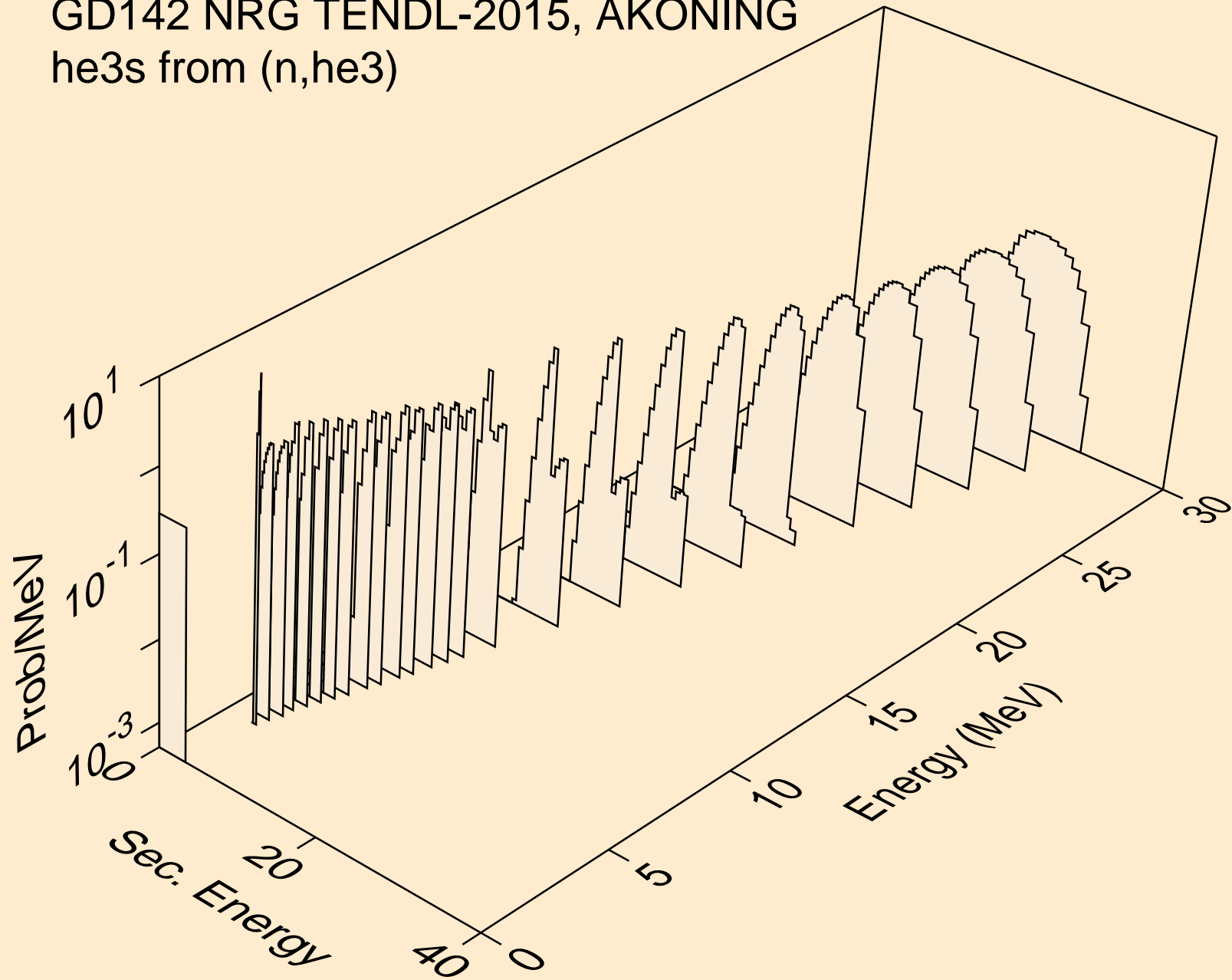
GD142 NRG TENDL-2015, AKONING  
he3s from (n,x)



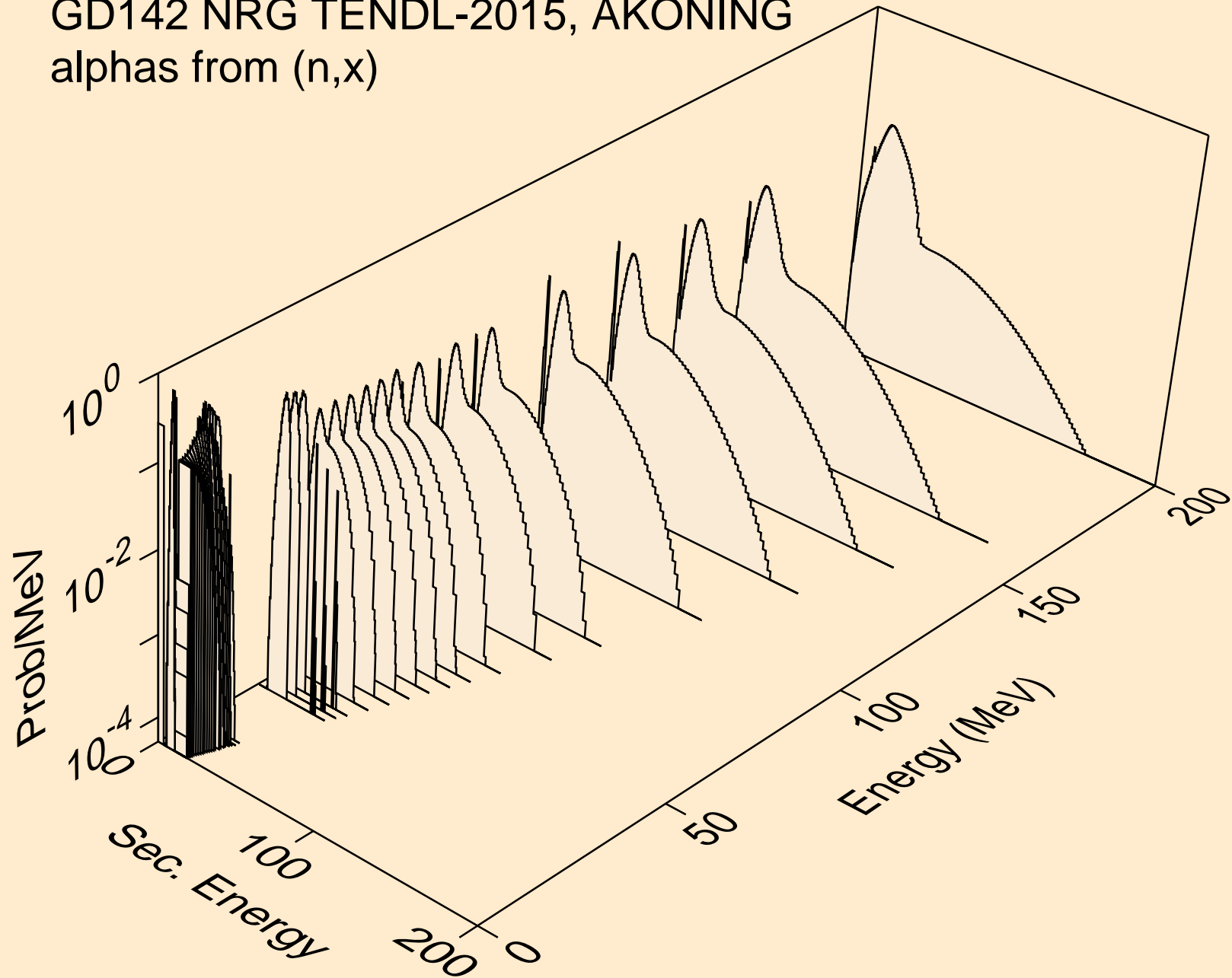
GD142 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



GD142 NRG TENDL-2015, AKONING  
he3s from (n,he3)

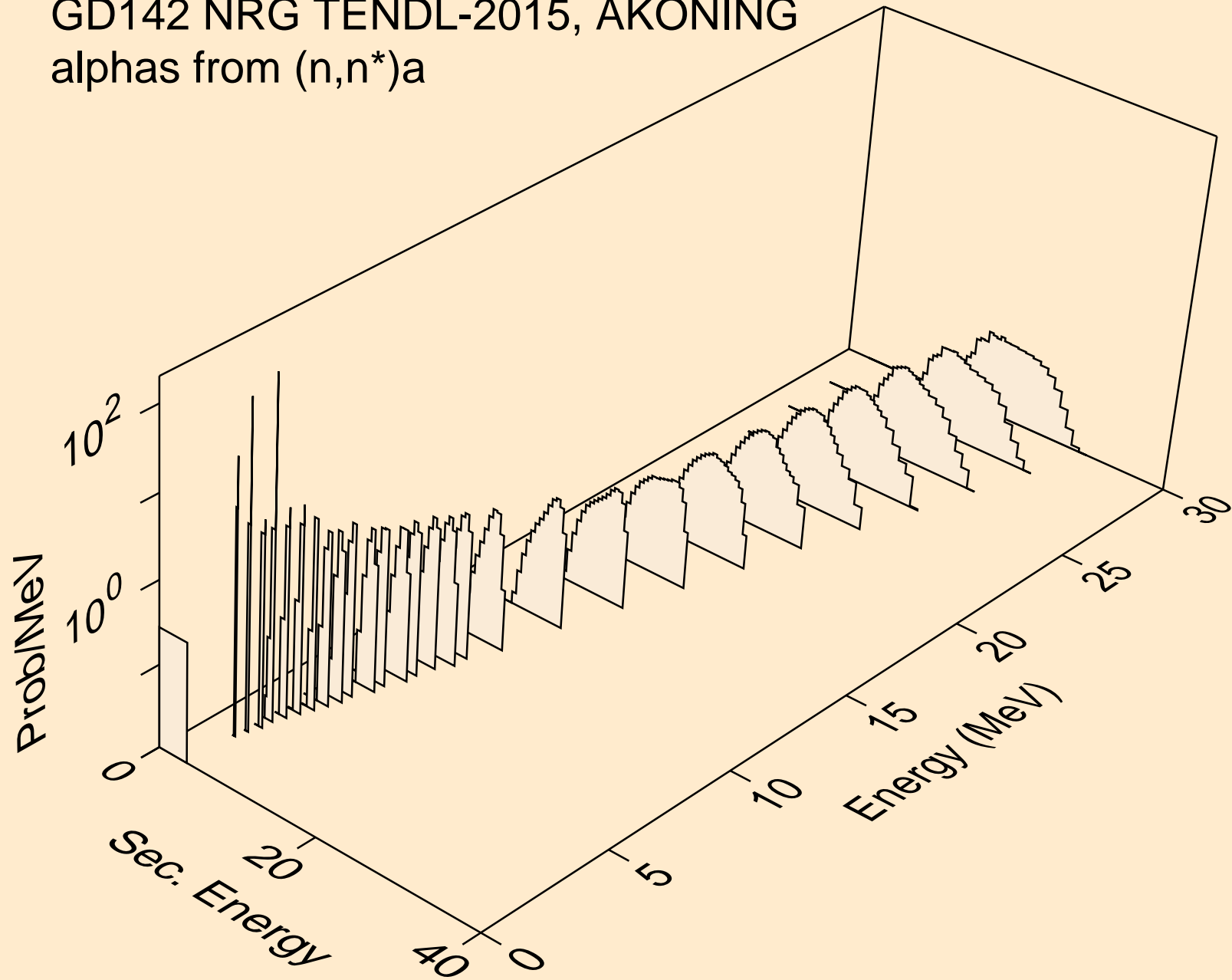


GD142 NRG TENDL-2015, AKONING  
alphas from (n,x)

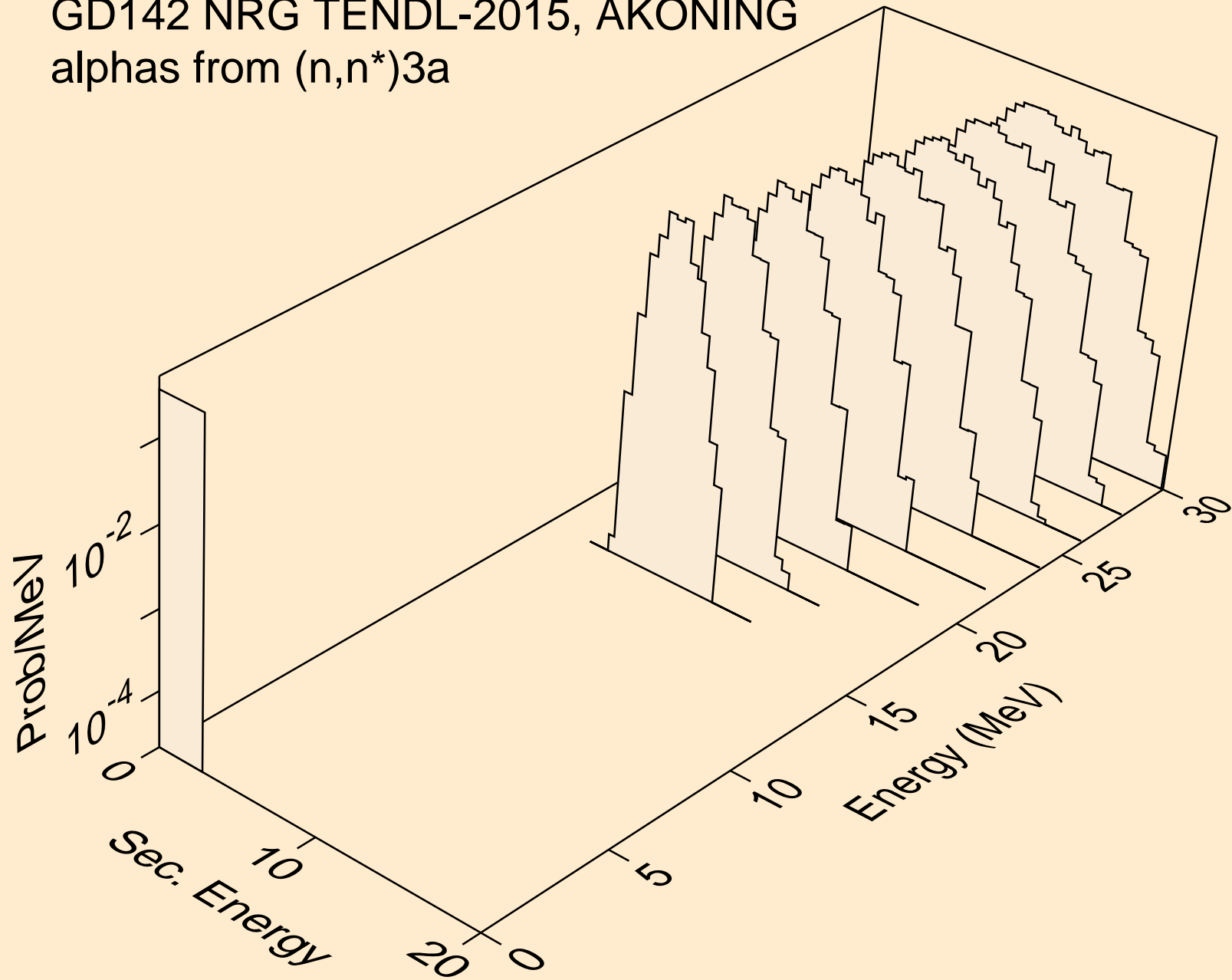




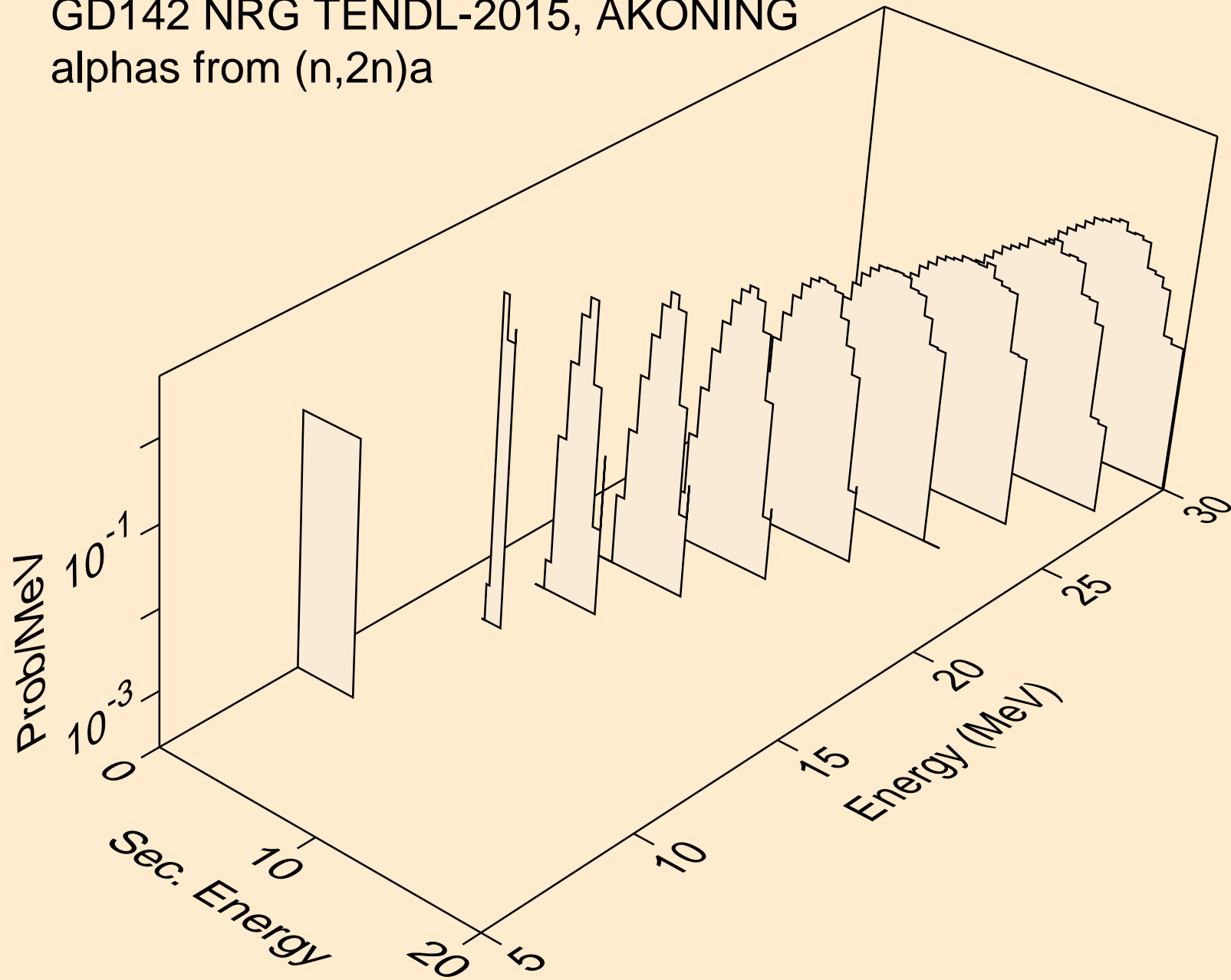
GD142 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



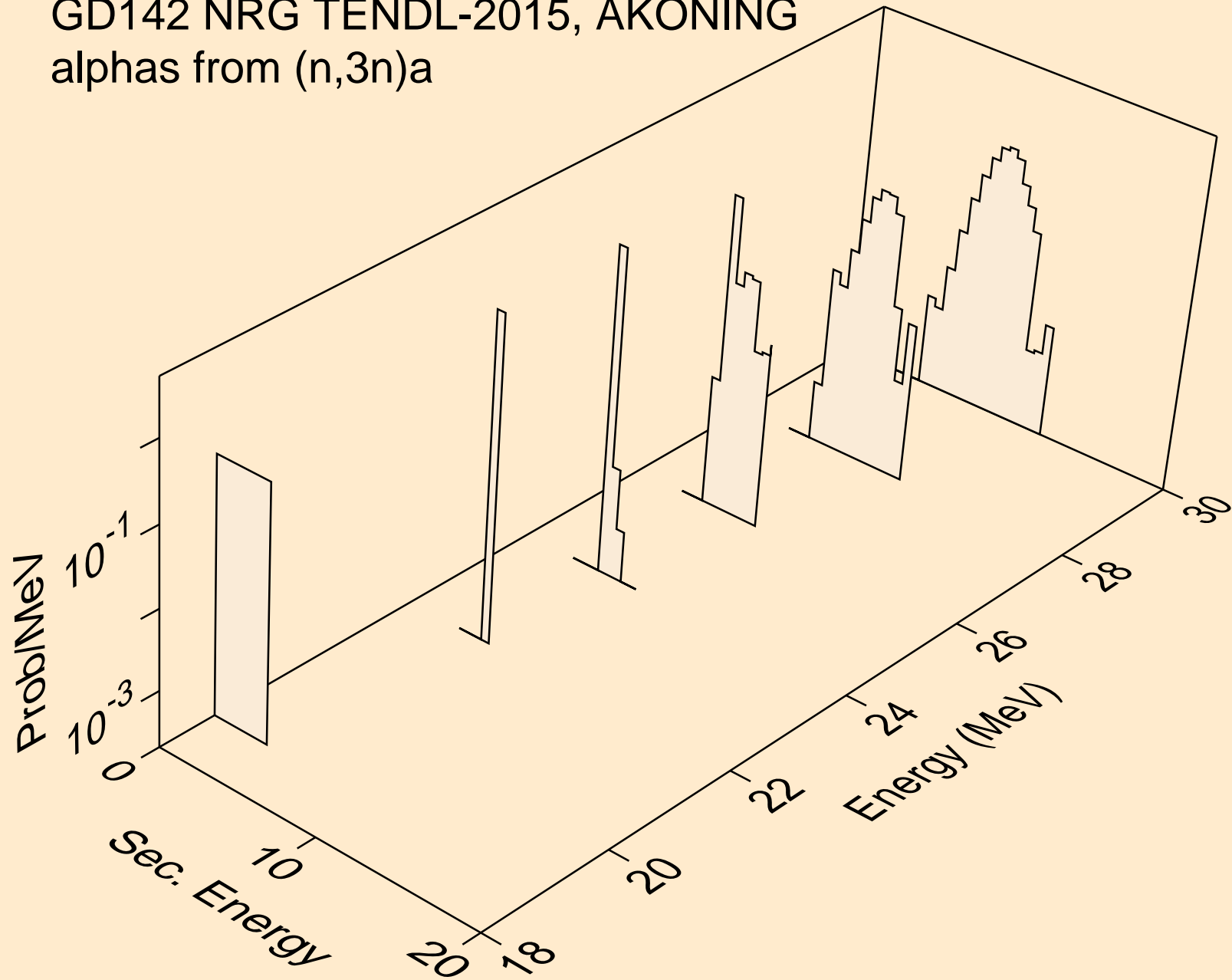
GD142 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



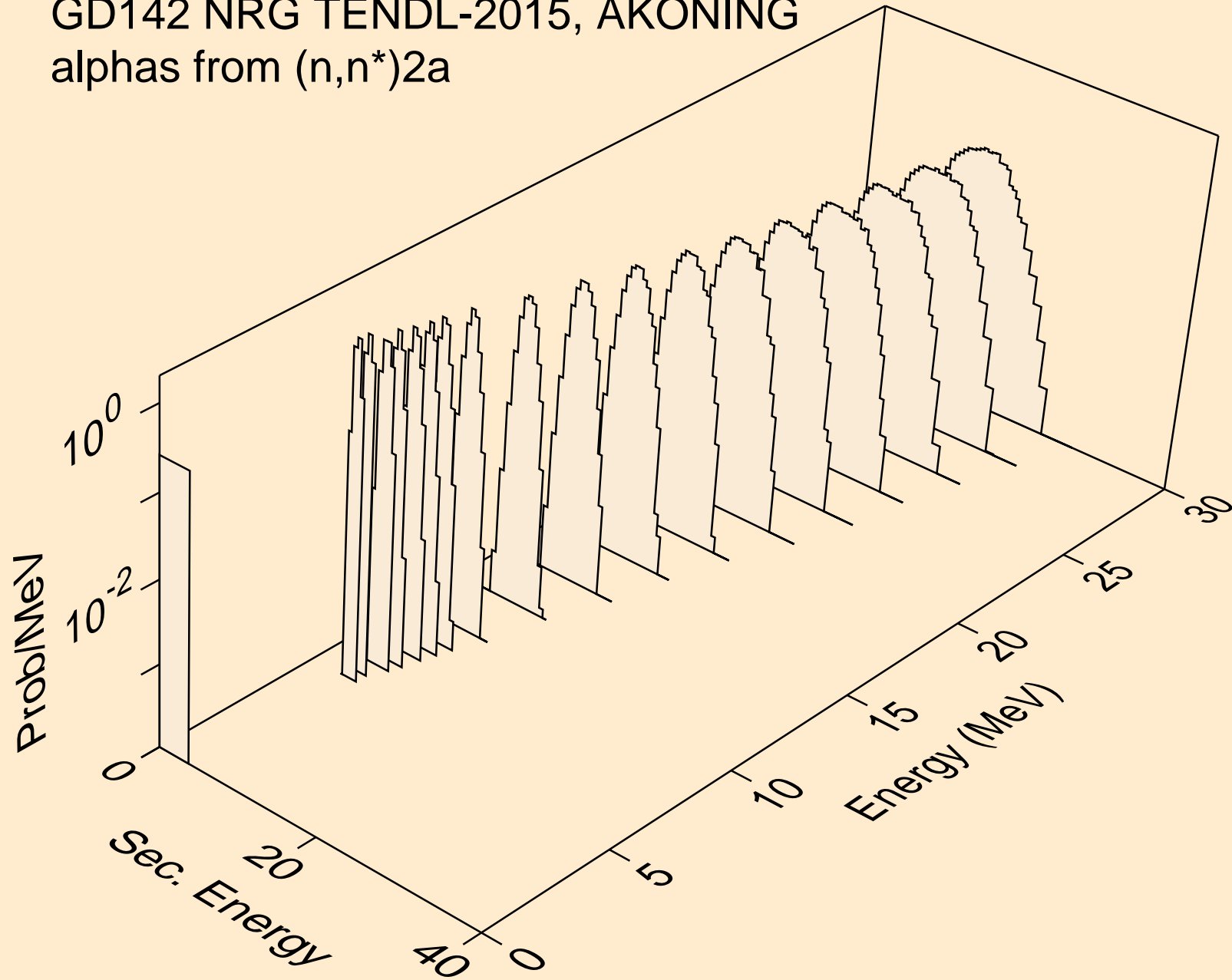
GD142 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



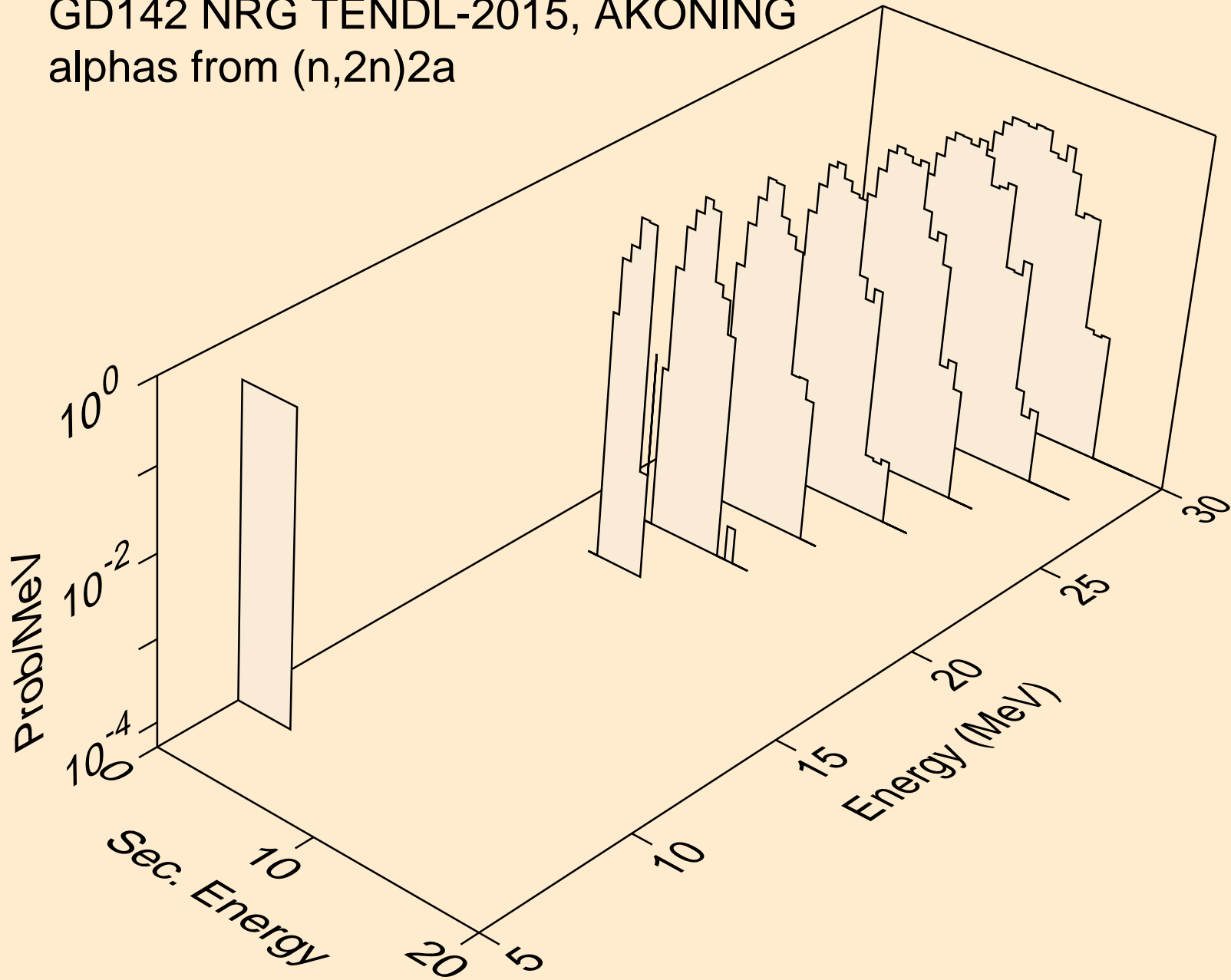
GD142 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



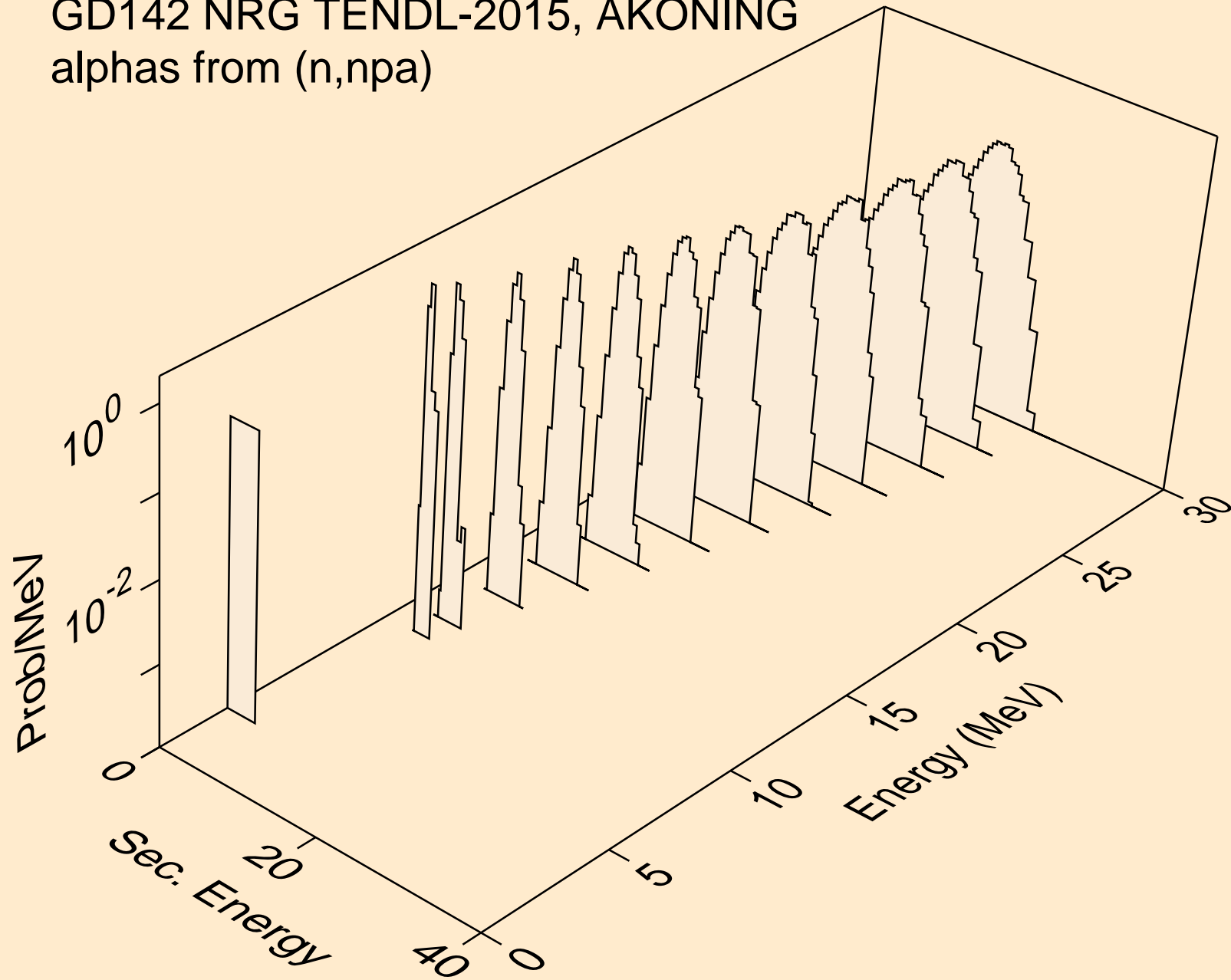
GD142 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



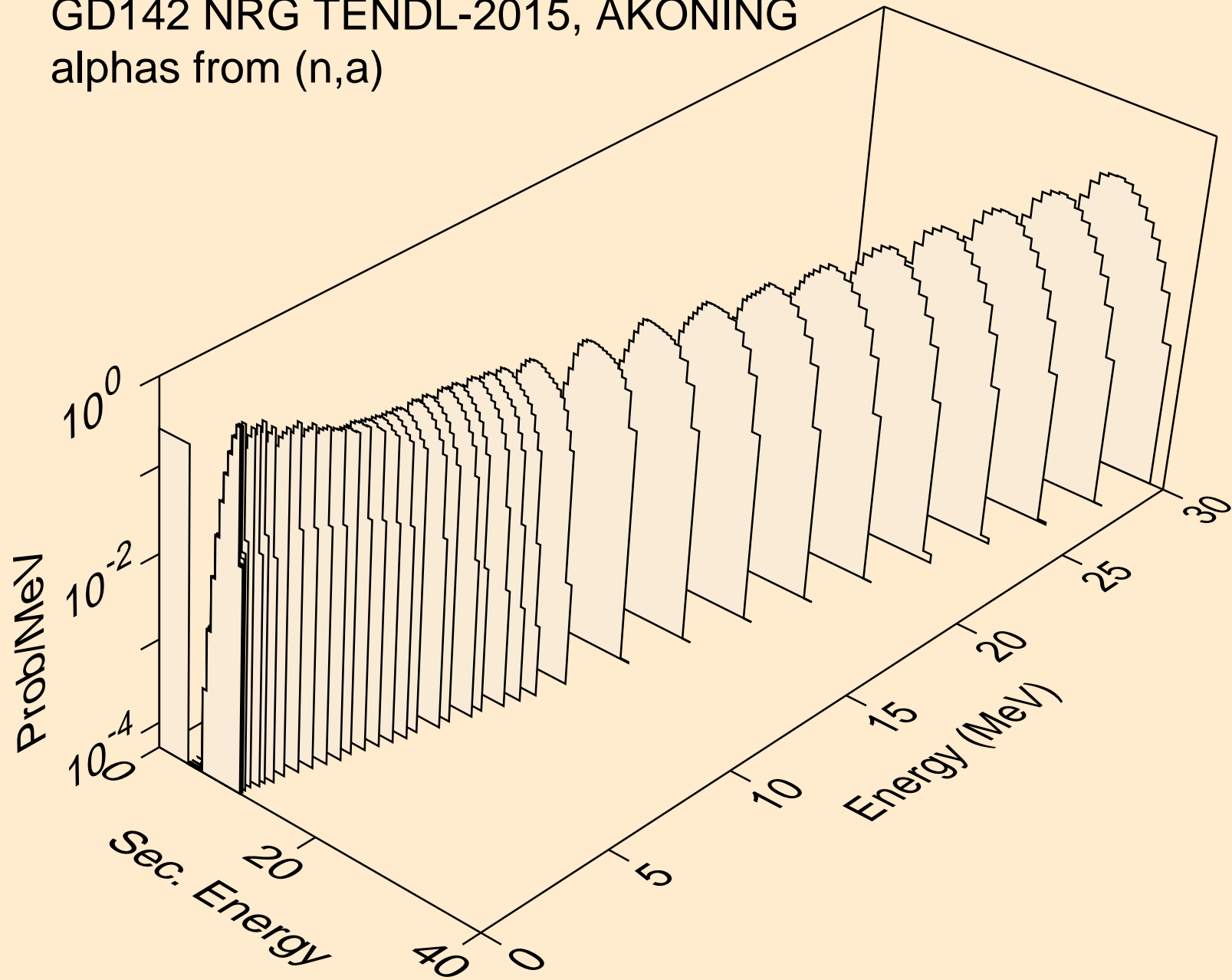
GD142 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



GD142 NRG TENDL-2015, AKONING  
alphas from (n,npa)

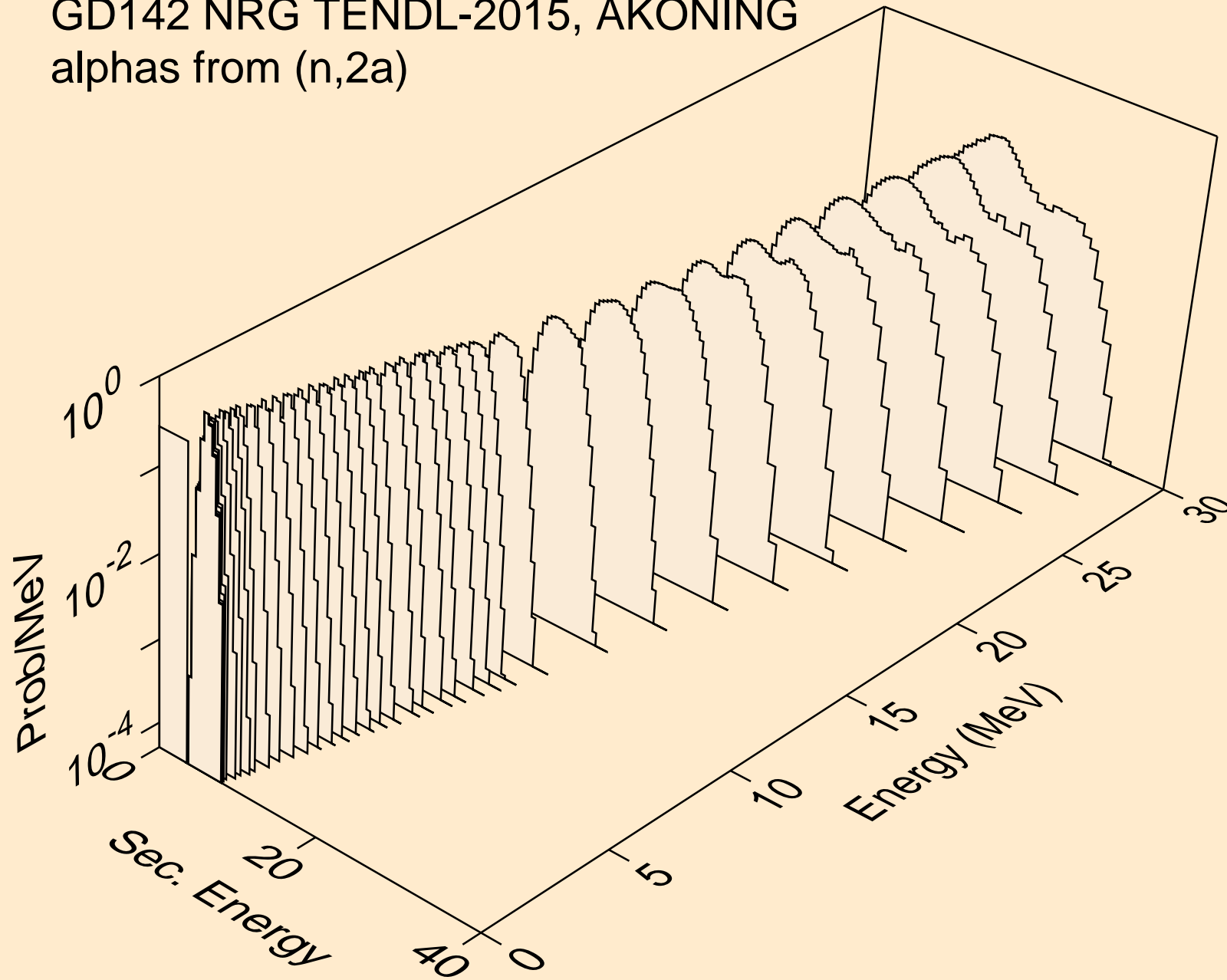


GD142 NRG TENDL-2015, AKONING  
alphas from (n,a)

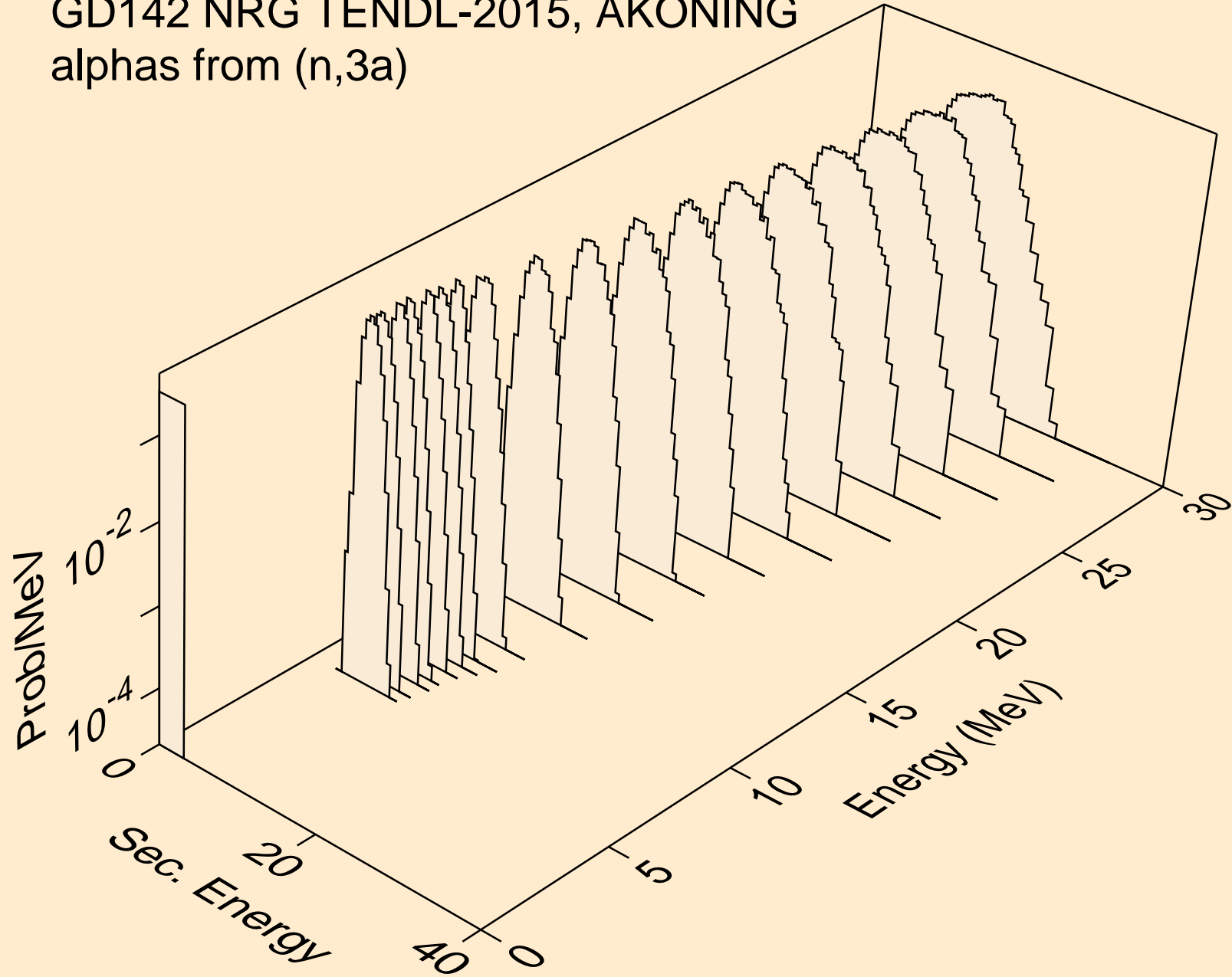




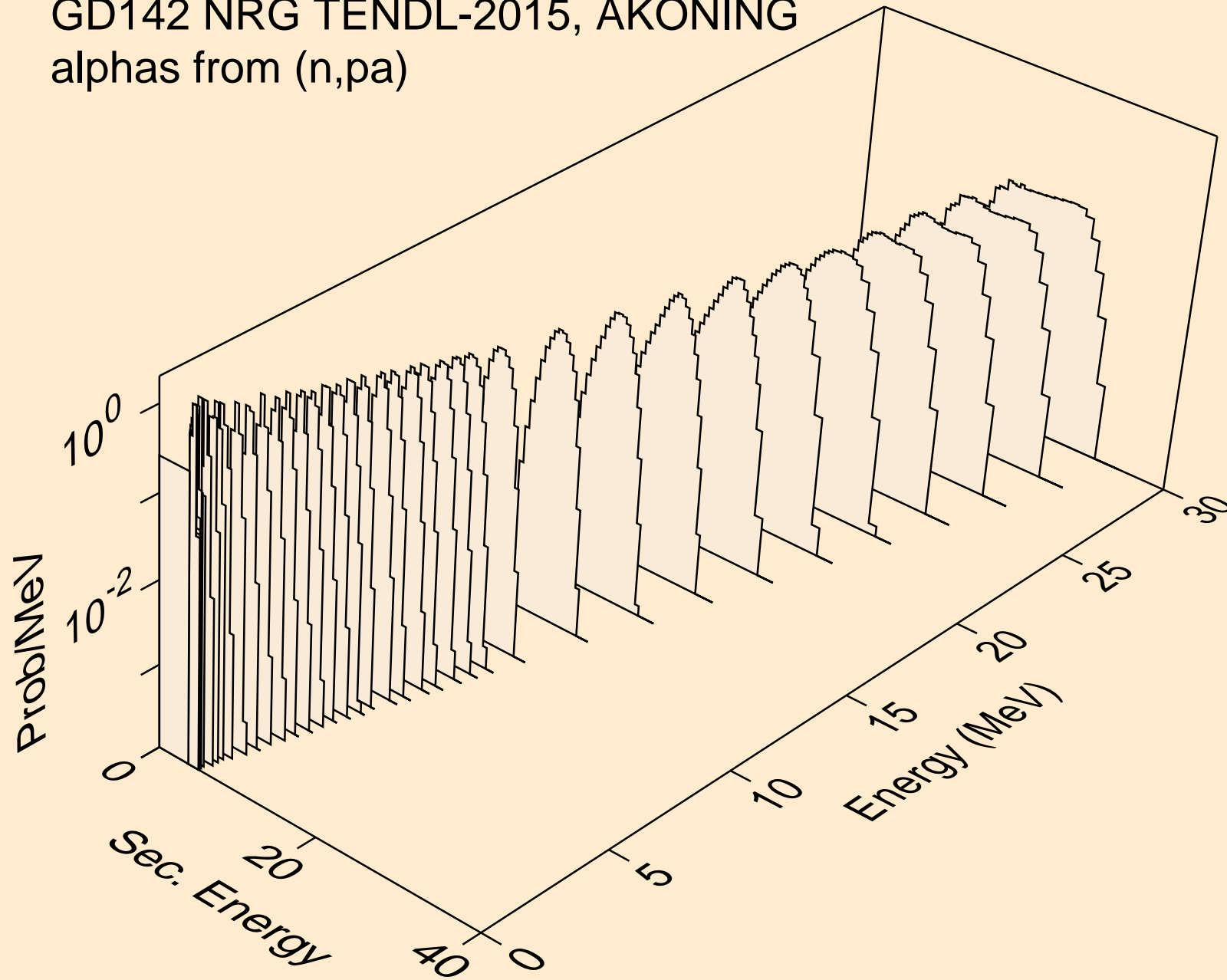
GD142 NRG TENDL-2015, AKONING  
alphas from (n,2a)



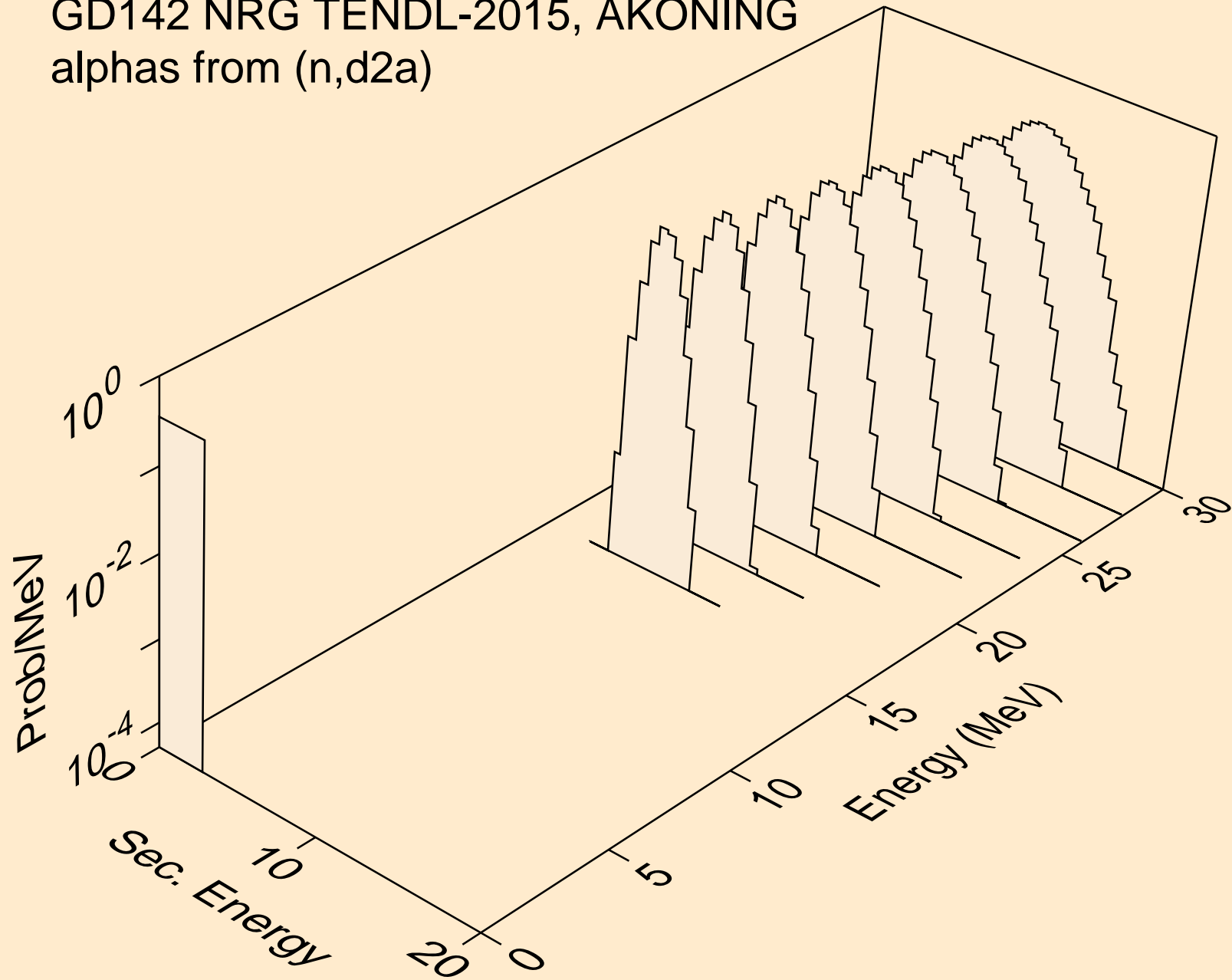
GD142 NRG TENDL-2015, AKONING  
alphas from (n,3a)



GD142 NRG TENDL-2015, AKONING  
alphas from (n,pa)



GD142 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



GD142 NRG TENDL-2015, AKONING  
alphas from (n,da)

