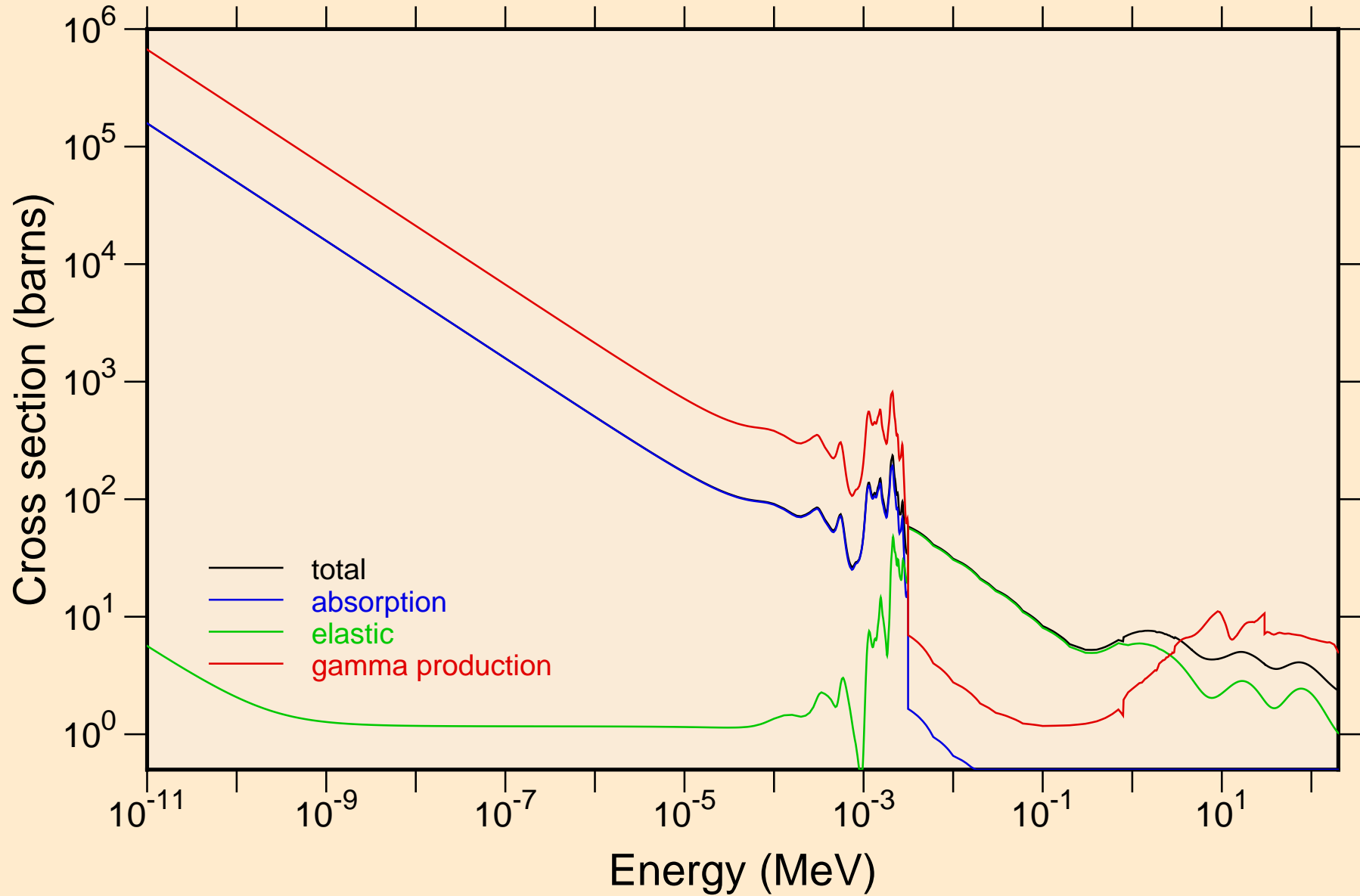


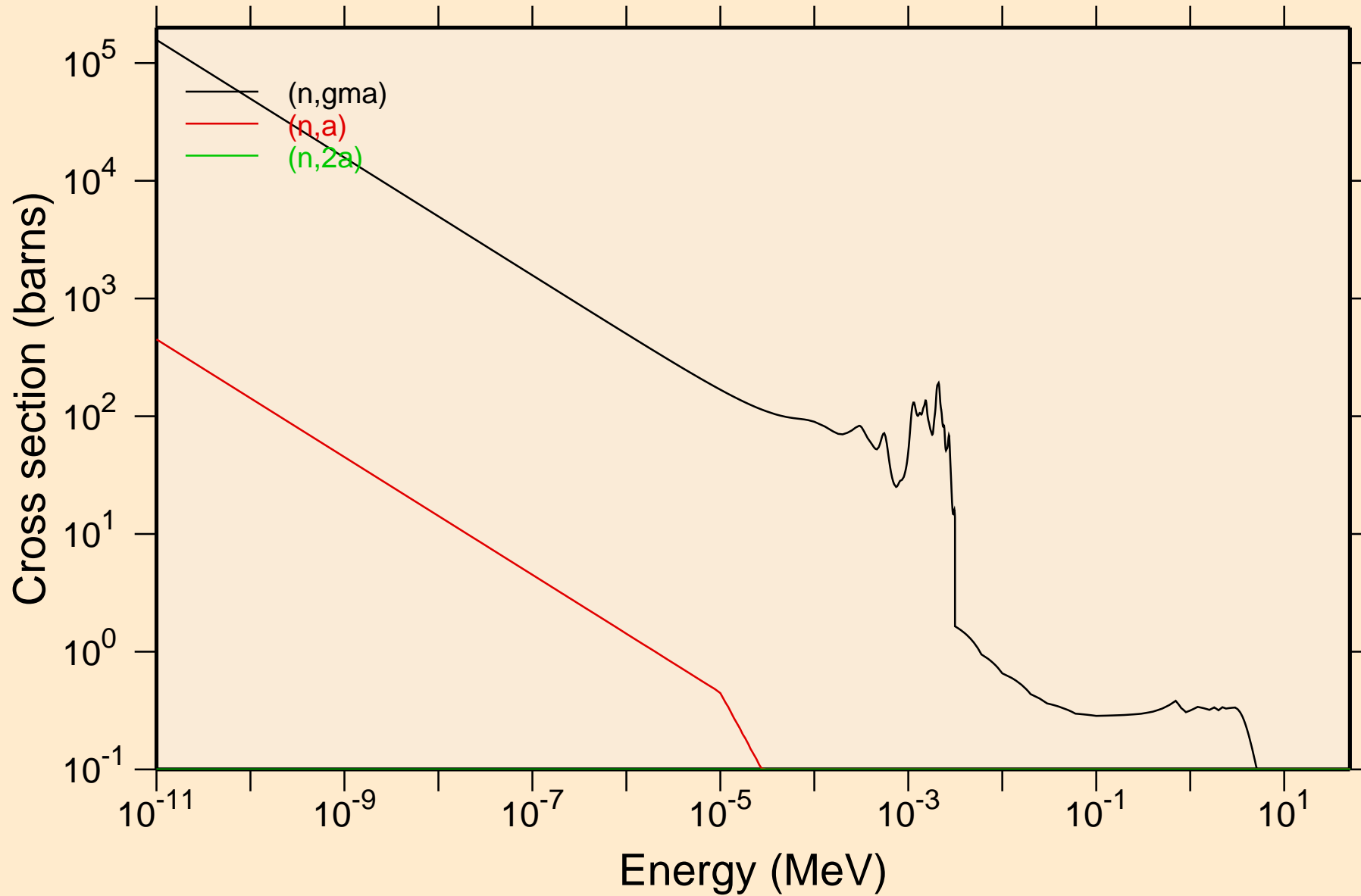
# GD148 NRG TENDL-2015, AKONING

## Principal cross sections



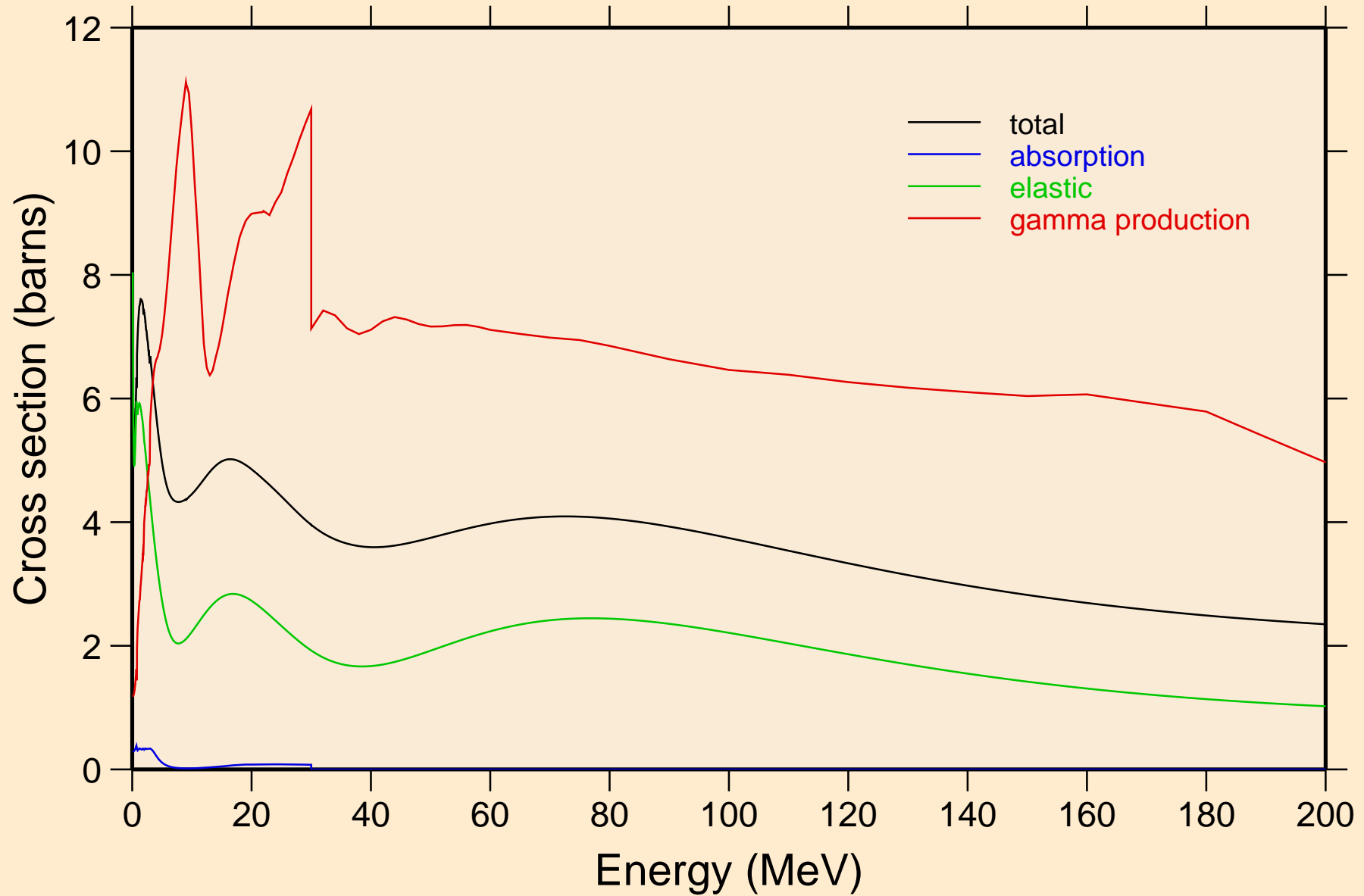
# GD148 NRG TENDL-2015, AKONING

## Non-threshold reactions



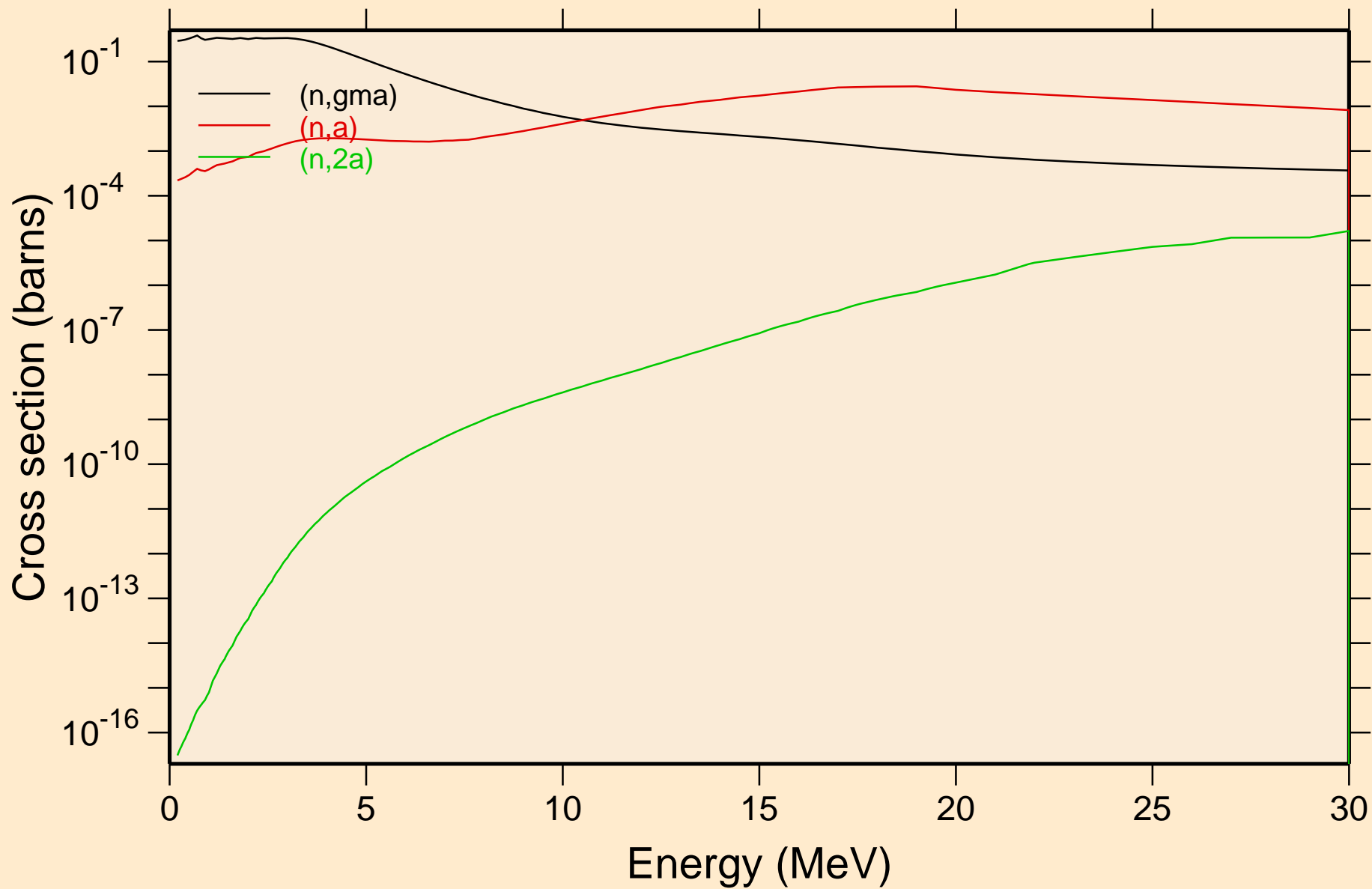
# GD148 NRG TENDL-2015, AKONING

## Principal cross sections



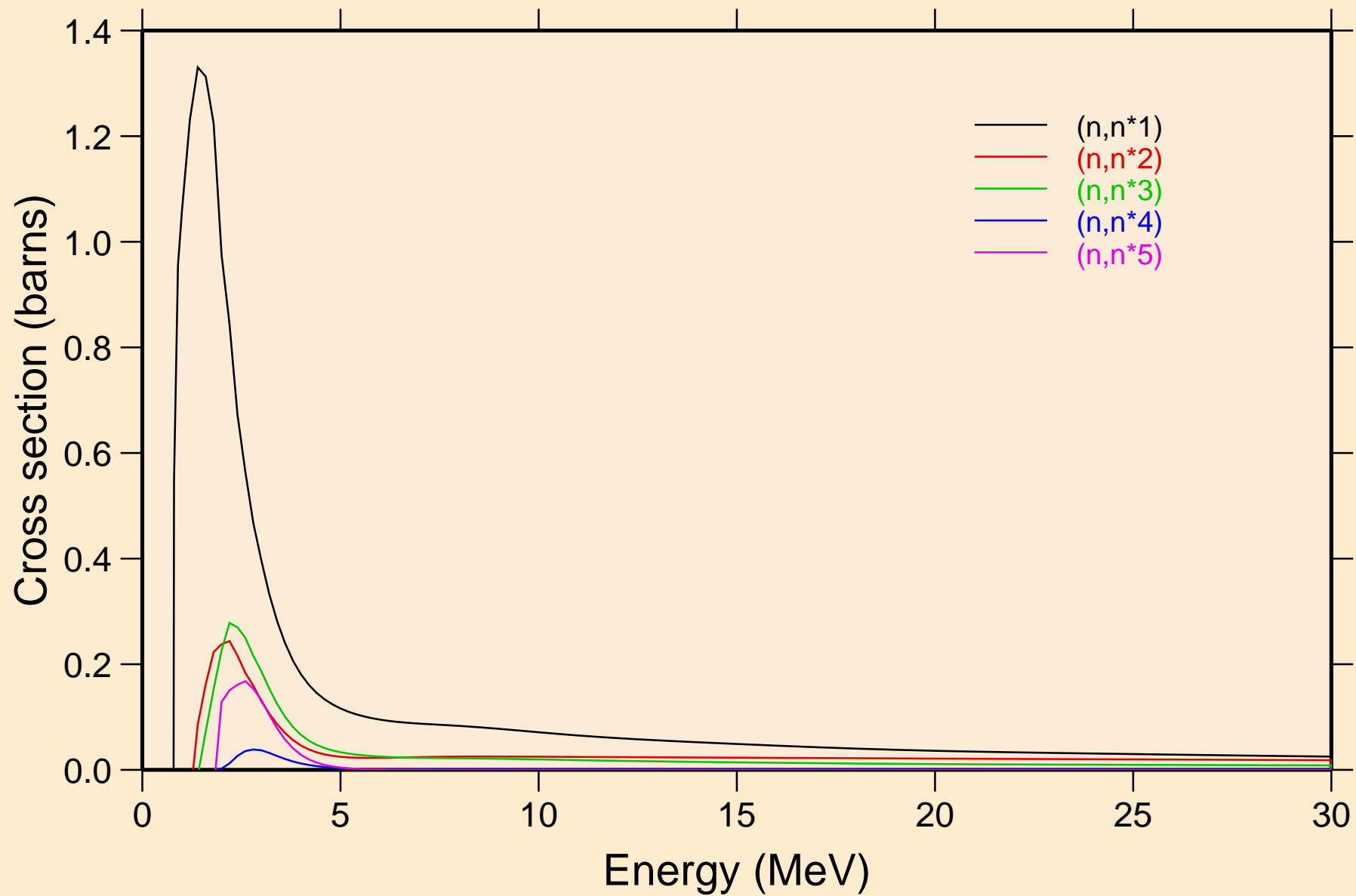
# GD148 NRG TENDL-2015, AKONING

## Non-threshold reactions



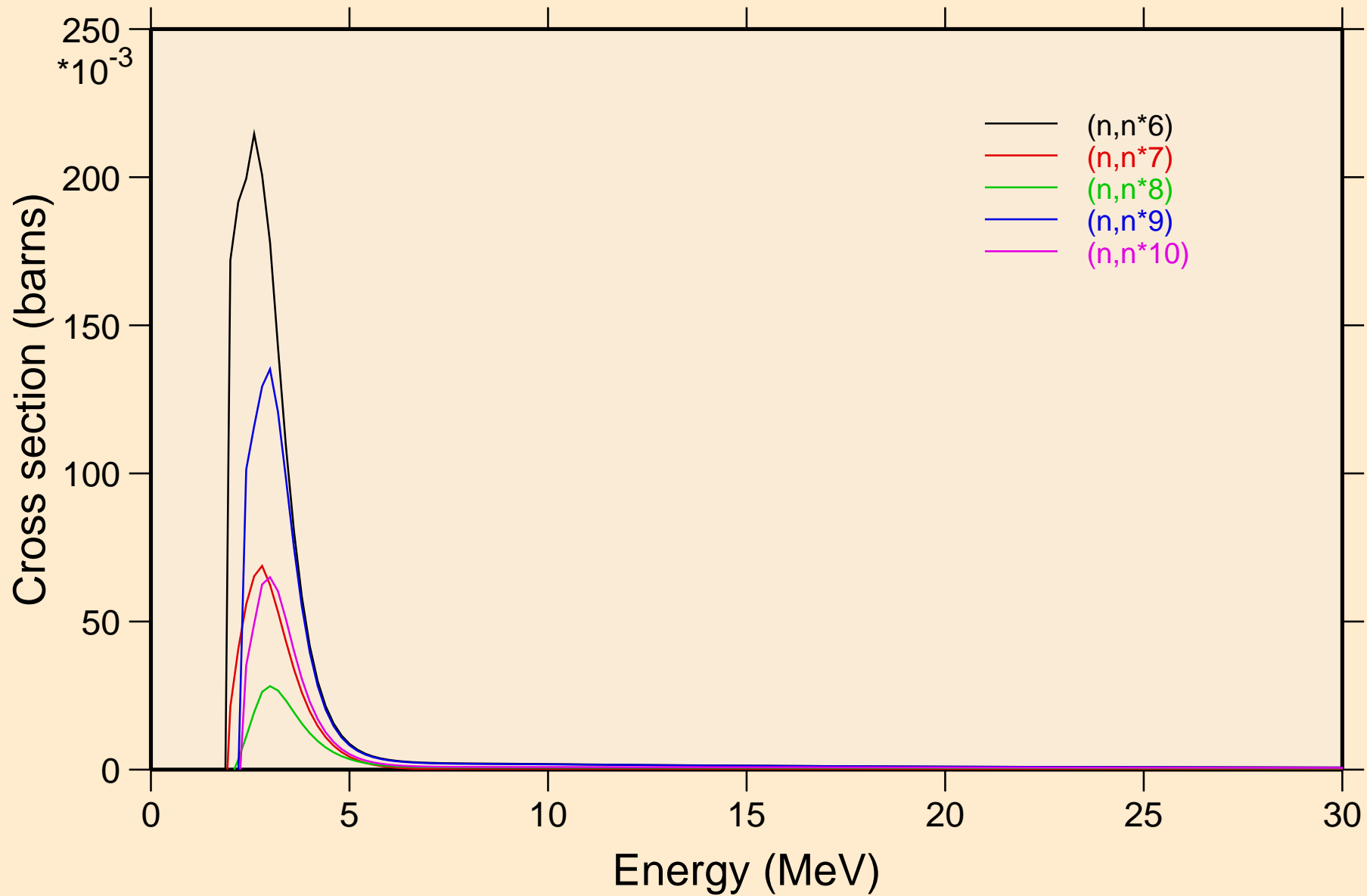
# GD148 NRG TENDL-2015, AKONING

## Inelastic levels



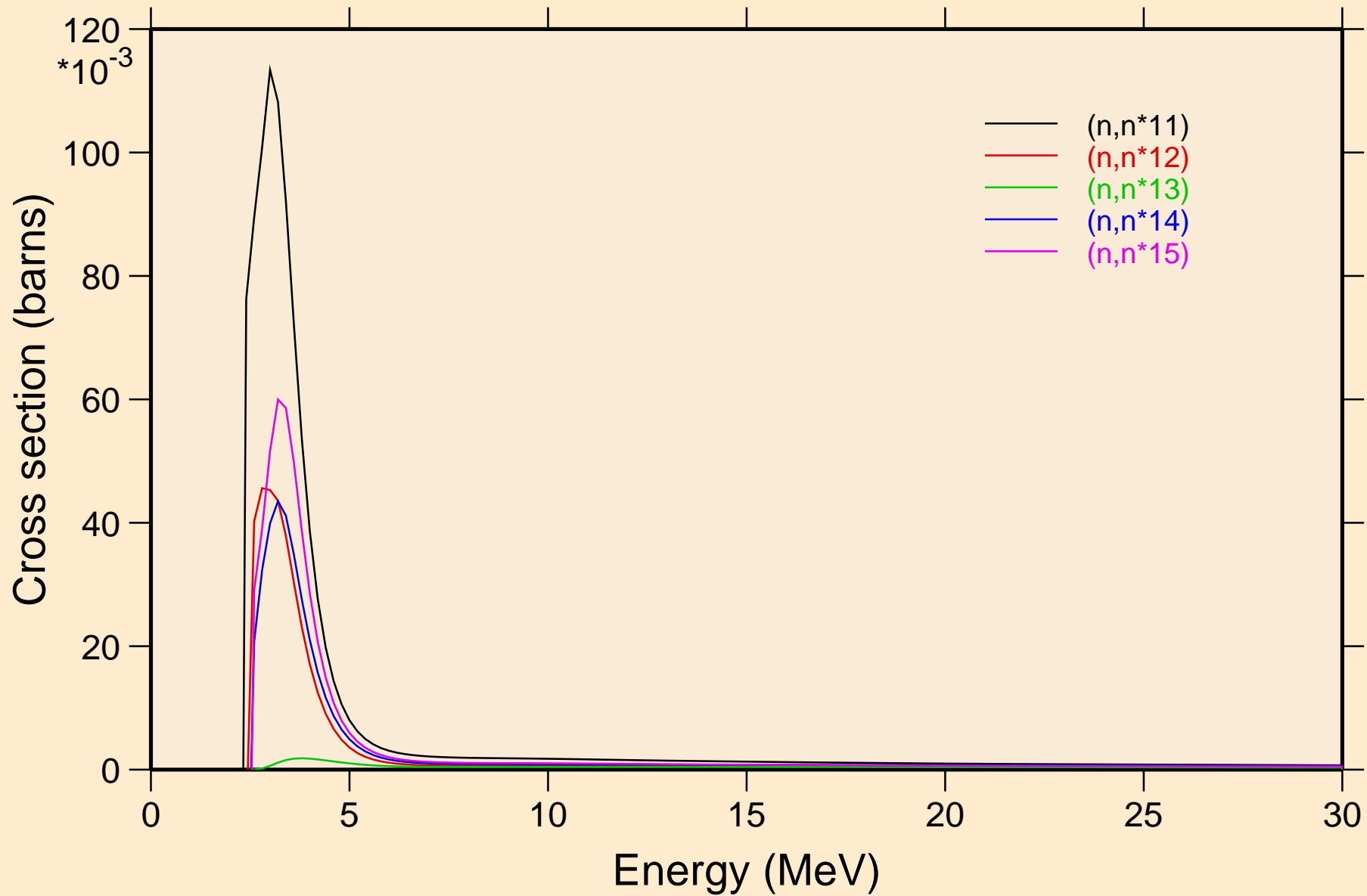
# GD148 NRG TENDL-2015, AKONING

## Inelastic levels



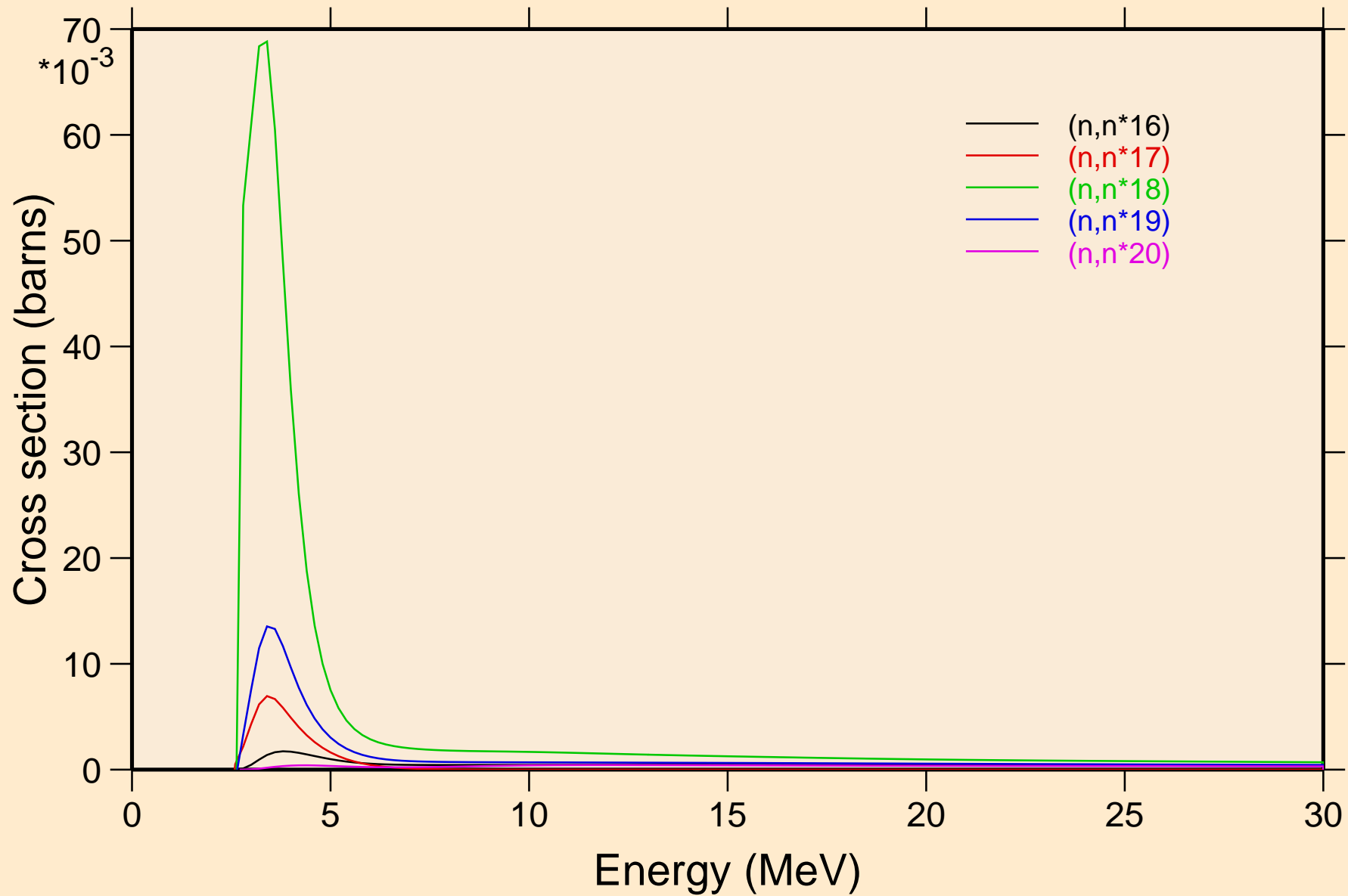
# GD148 NRG TENDL-2015, AKONING

## Inelastic levels



# GD148 NRG TENDL-2015, AKONING

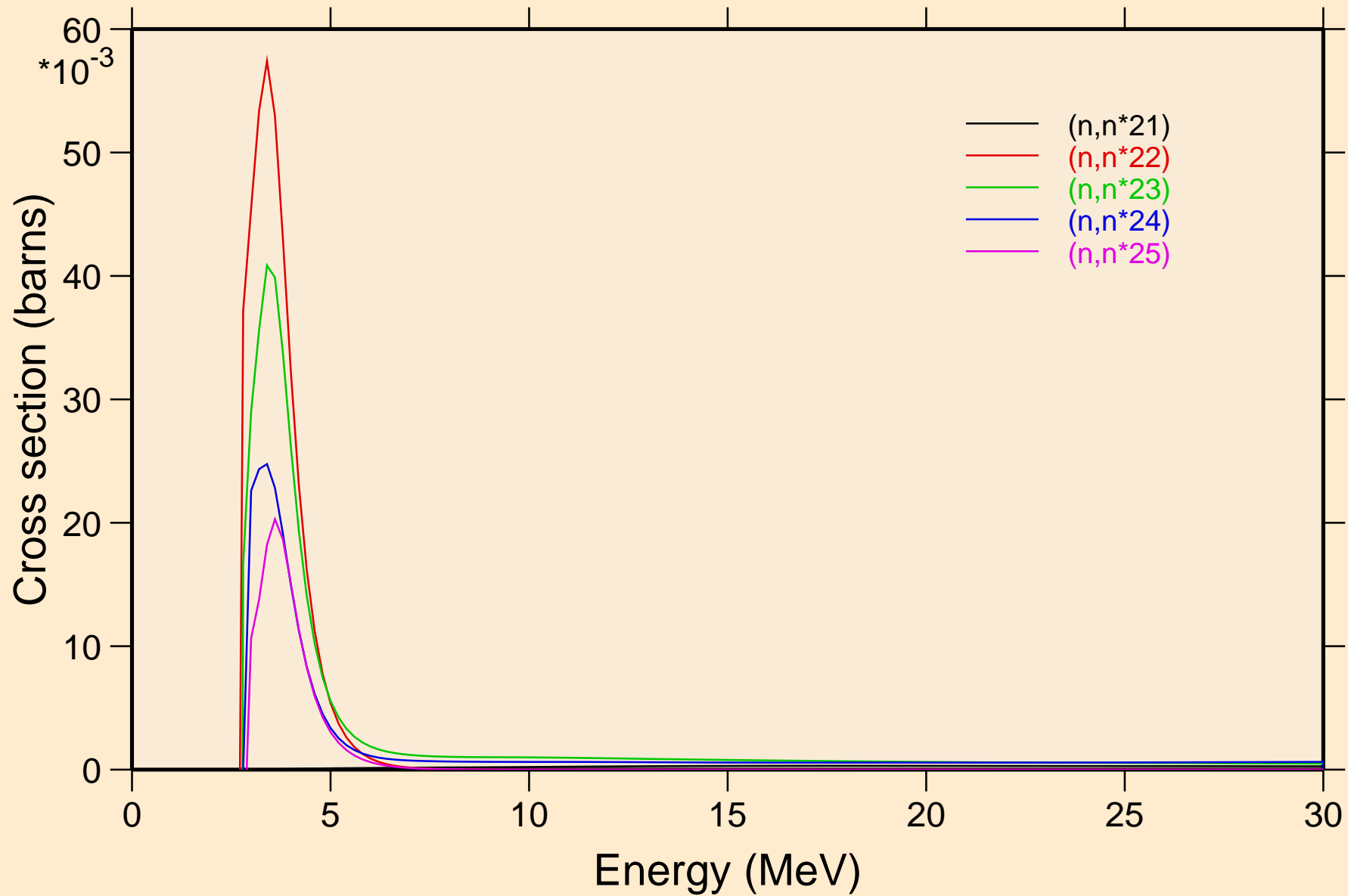
## Inelastic levels





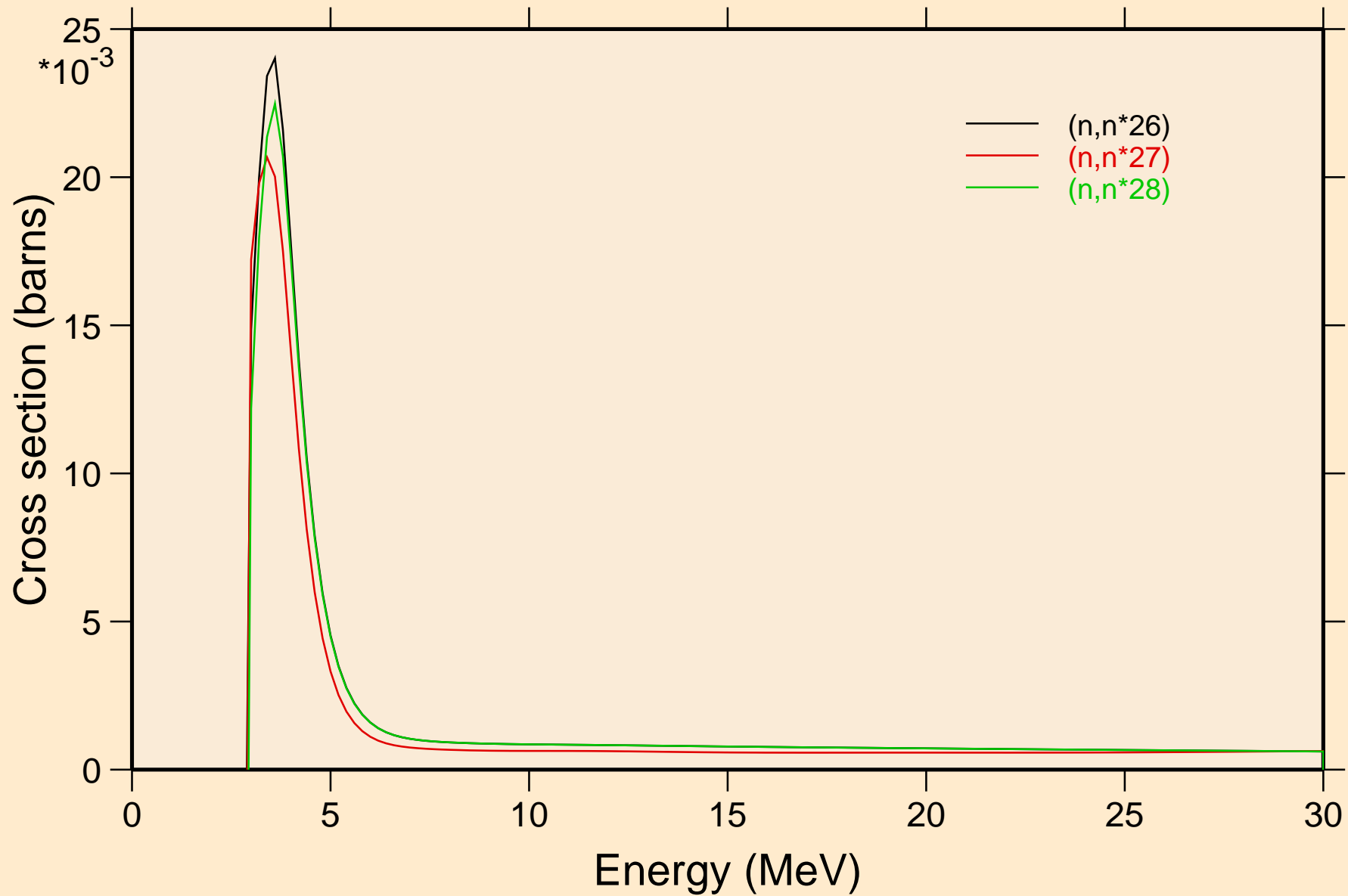
# GD148 NRG TENDL-2015, AKONING

## Inelastic levels



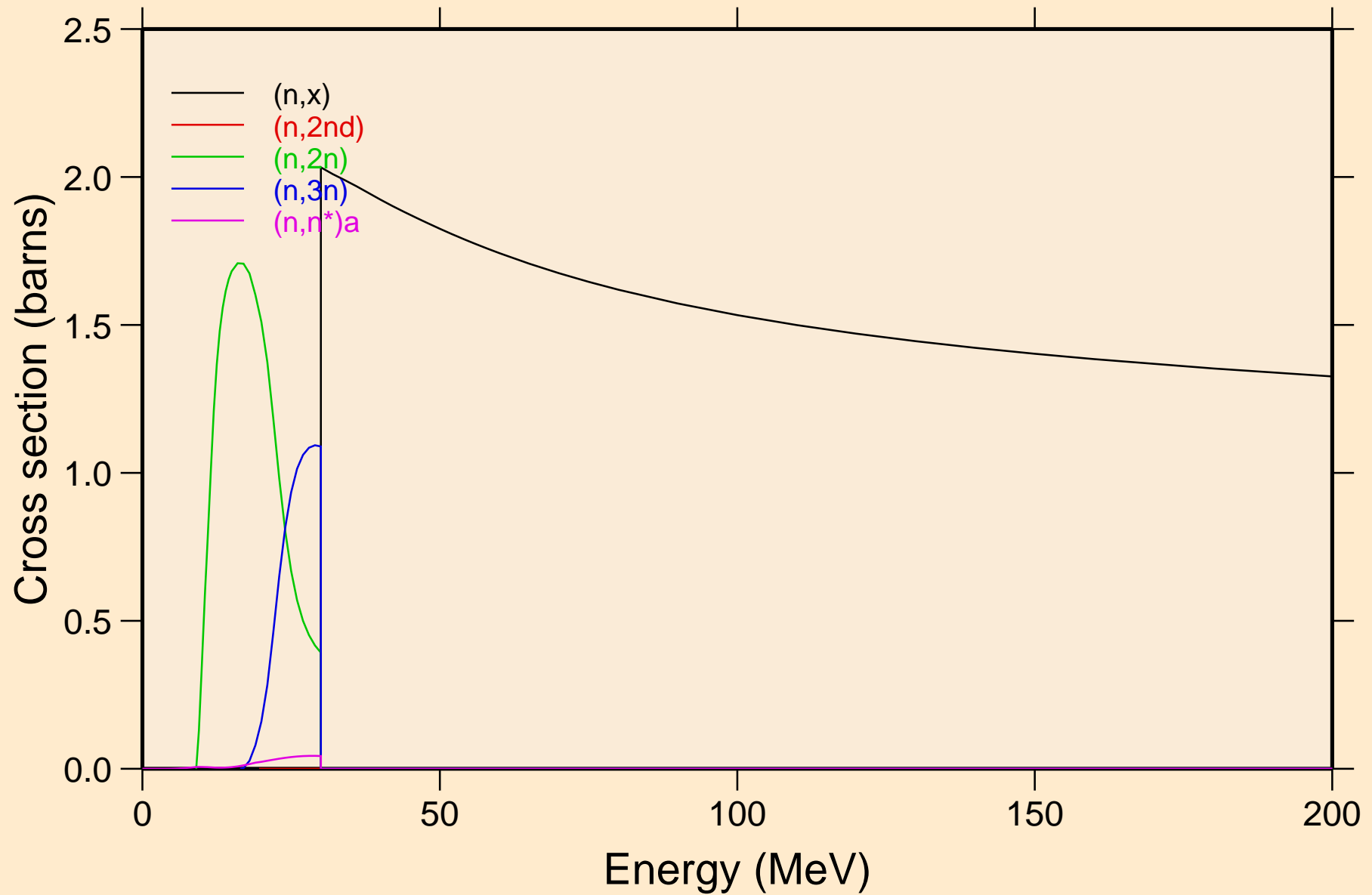
# GD148 NRG TENDL-2015, AKONING

## Inelastic levels



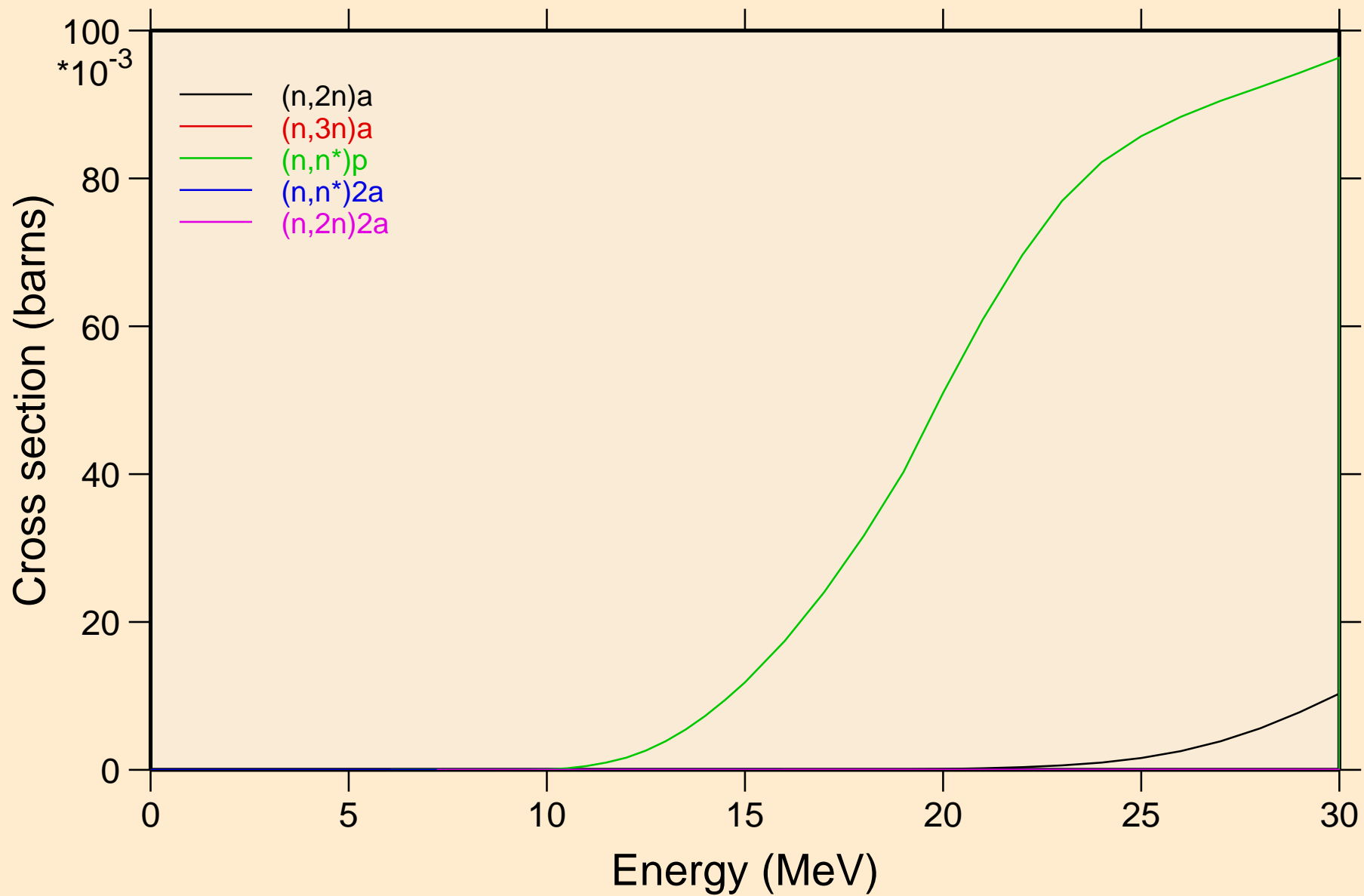
# GD148 NRG TENDL-2015, AKONING

## Threshold reactions



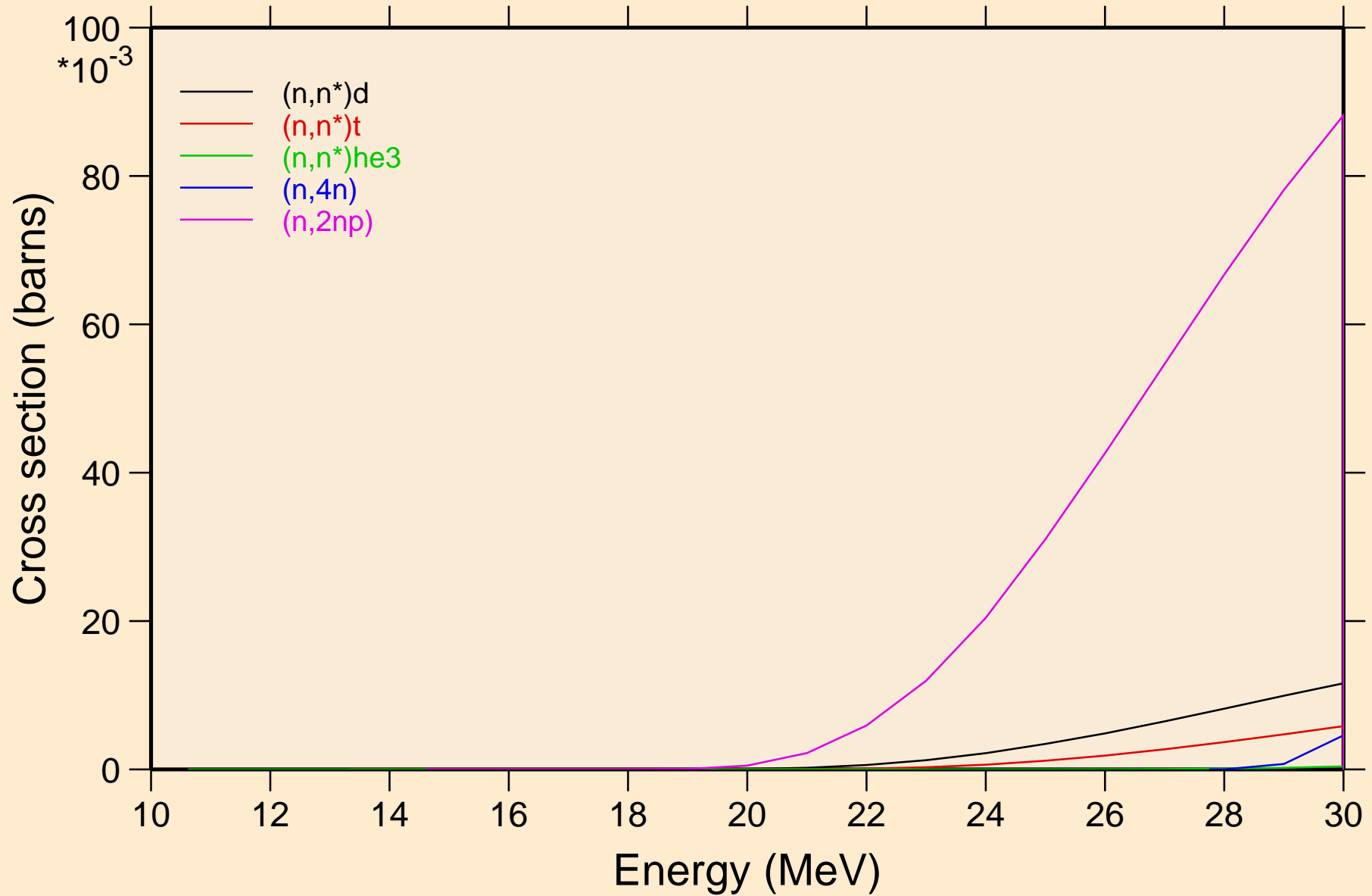
# GD148 NRG TENDL-2015, AKONING

## Threshold reactions



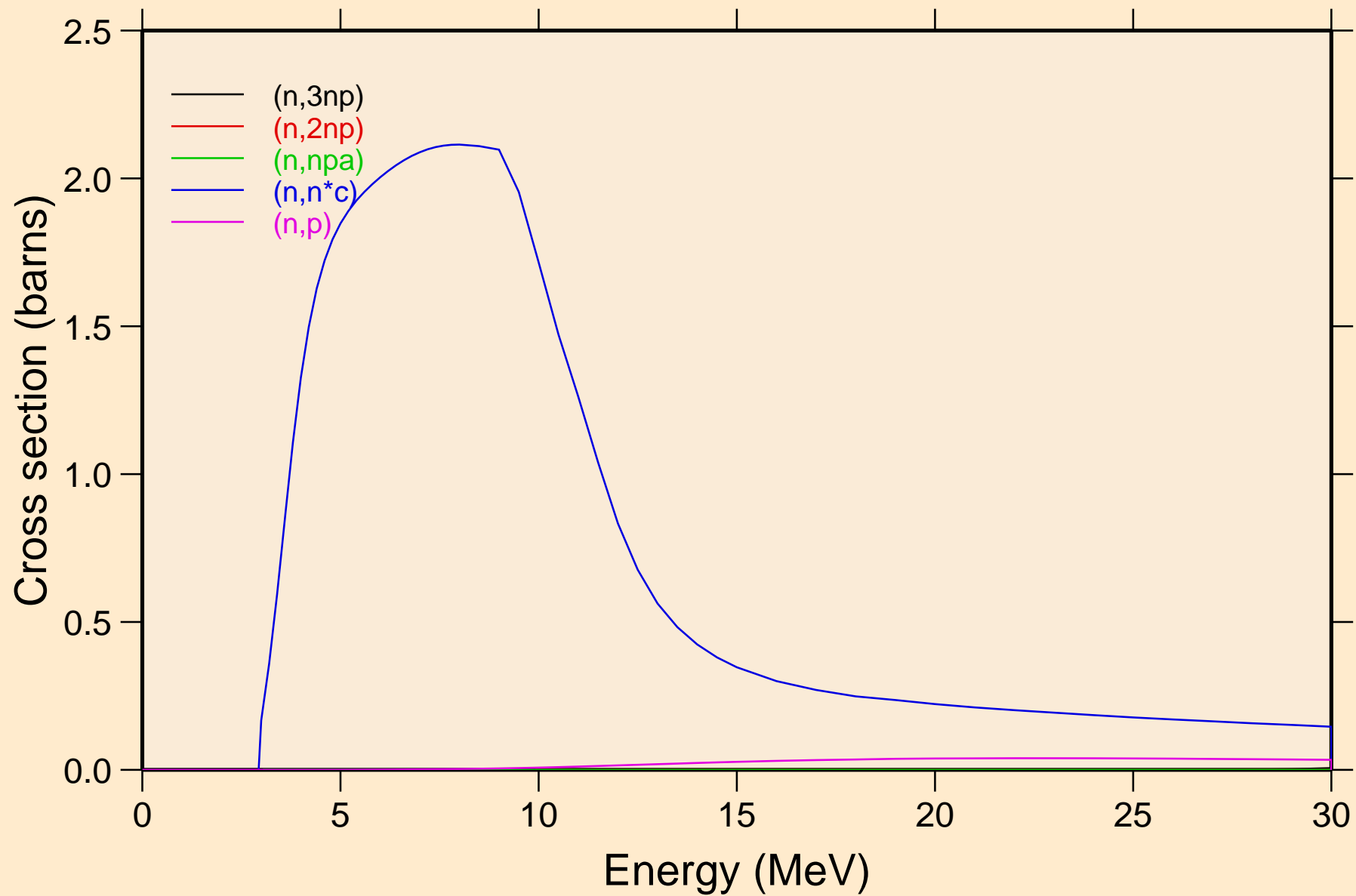
# GD148 NRG TENDL-2015, AKONING

## Threshold reactions



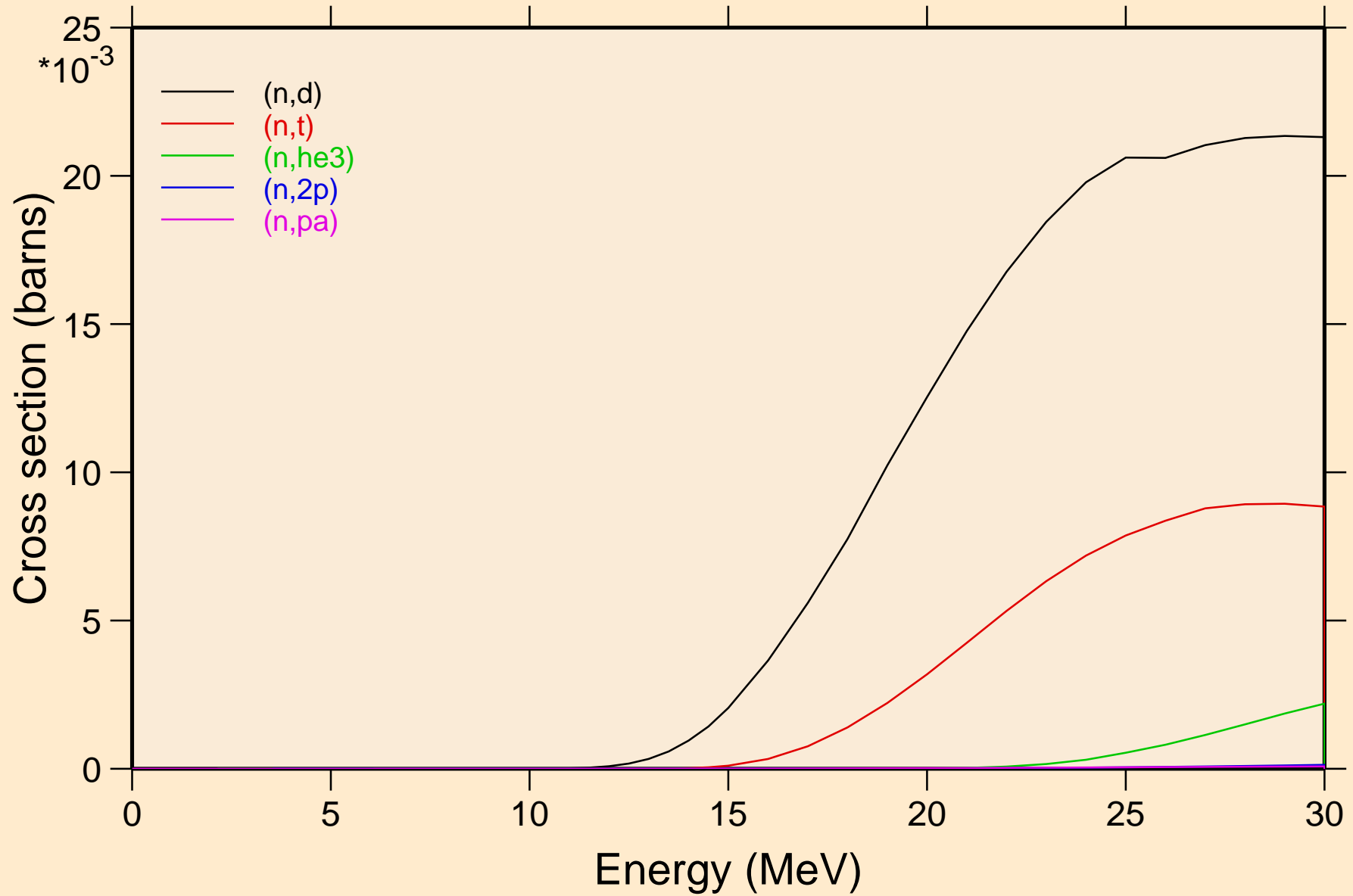
# GD148 NRG TENDL-2015, AKONING

## Threshold reactions



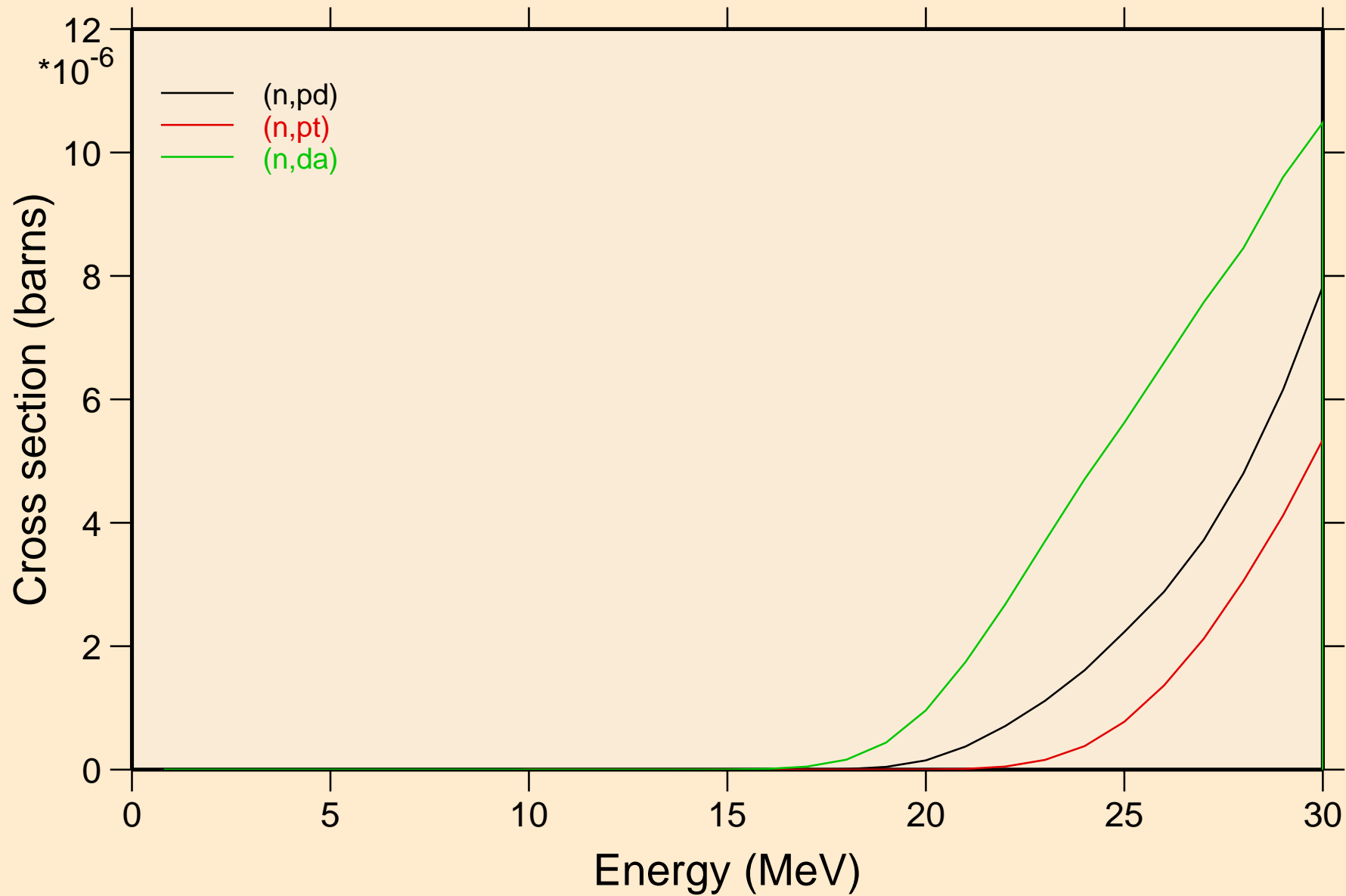
# GD148 NRG TENDL-2015, AKONING

## Threshold reactions



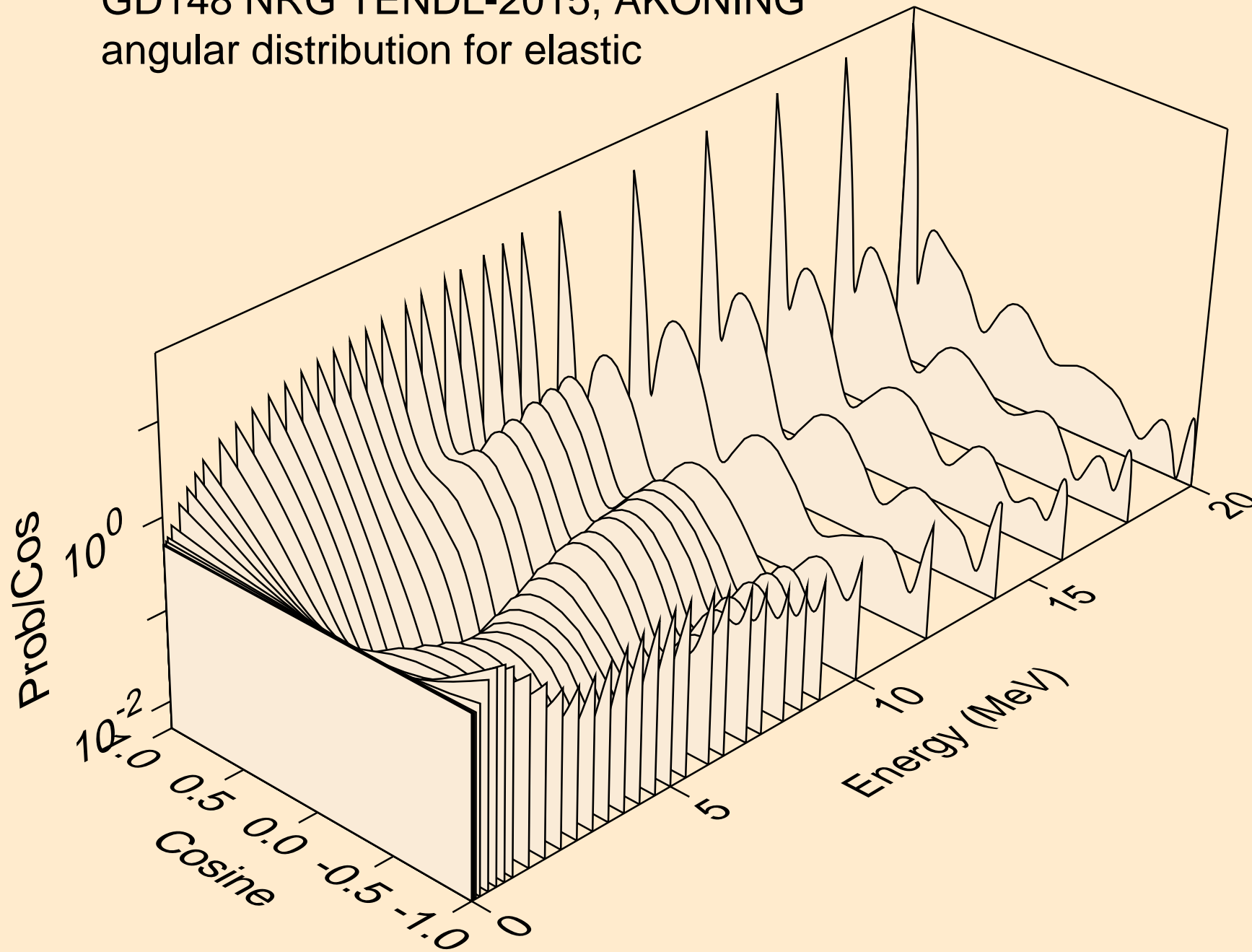
# GD148 NRG TENDL-2015, AKONING

## Threshold reactions

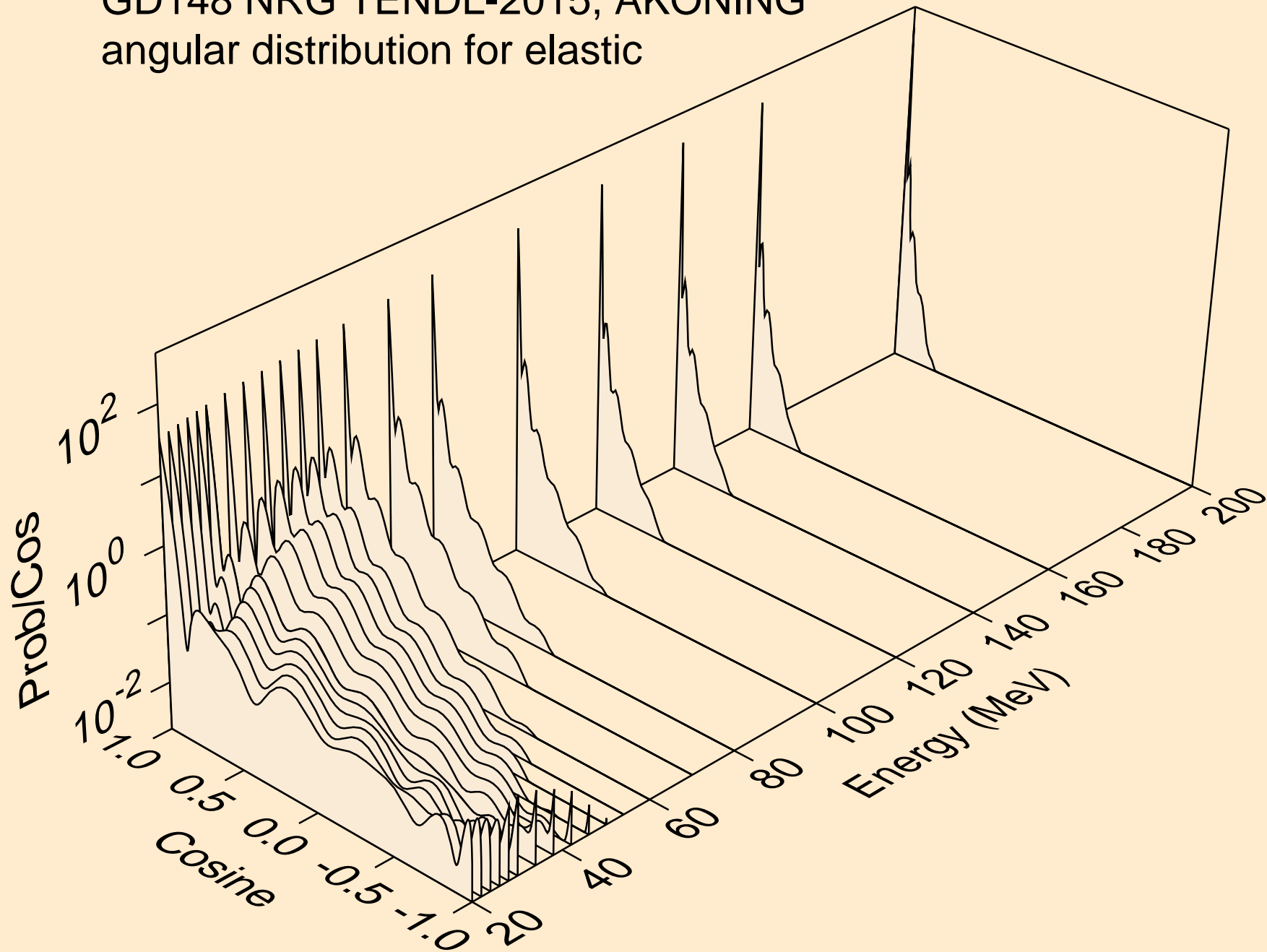




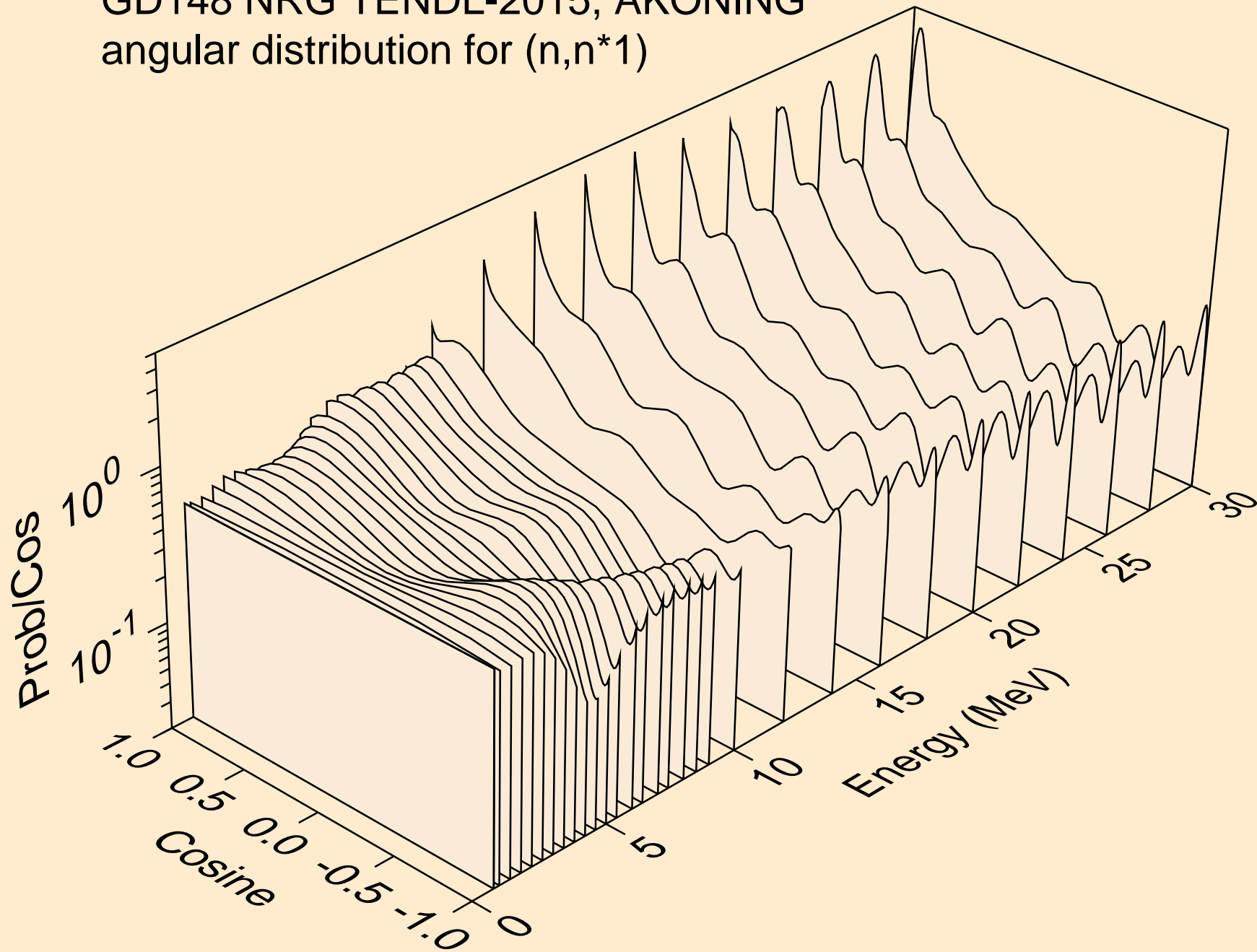
GD148 NRG TENDL-2015, AKONING  
angular distribution for elastic



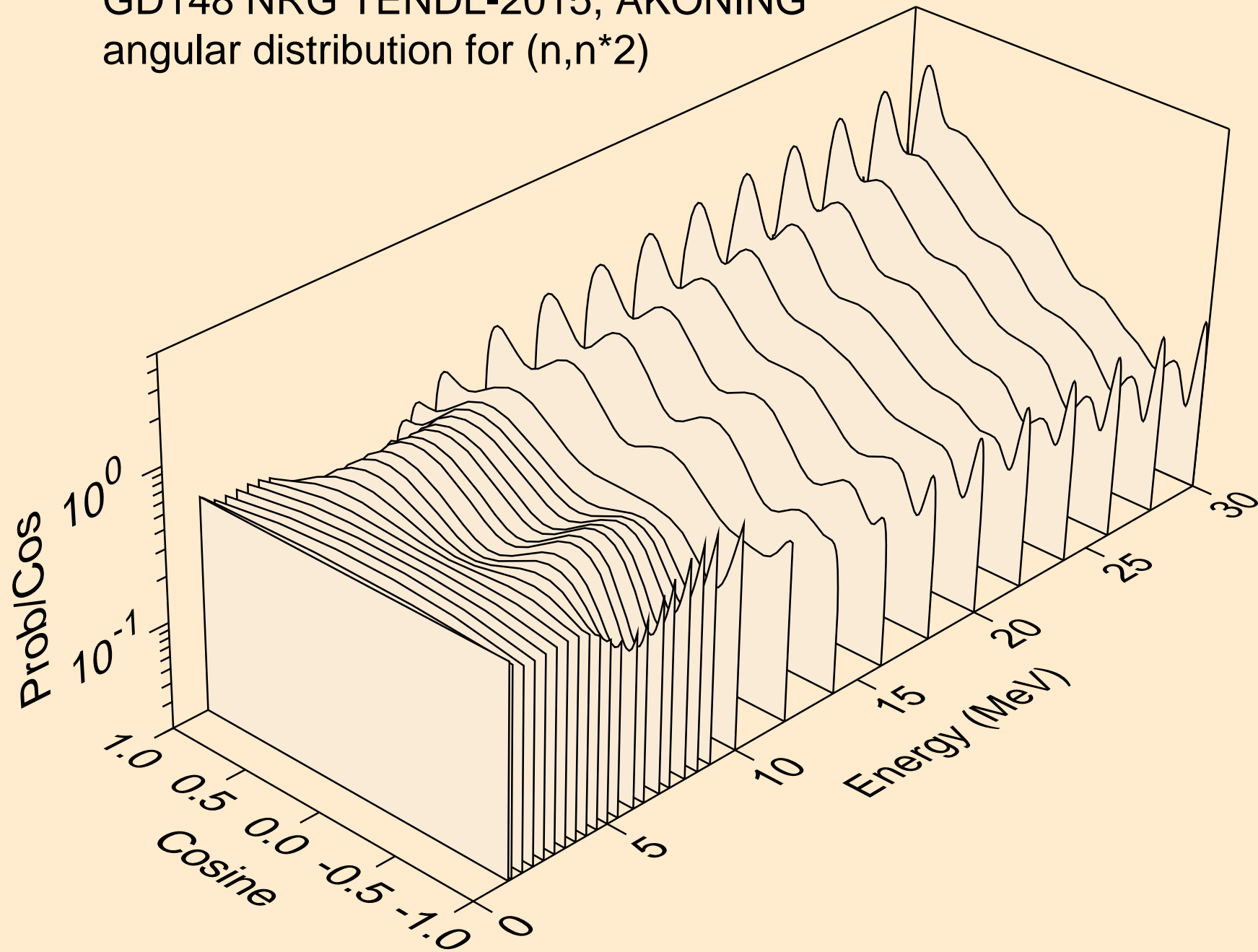
GD148 NRG TENDL-2015, AKONING  
angular distribution for elastic



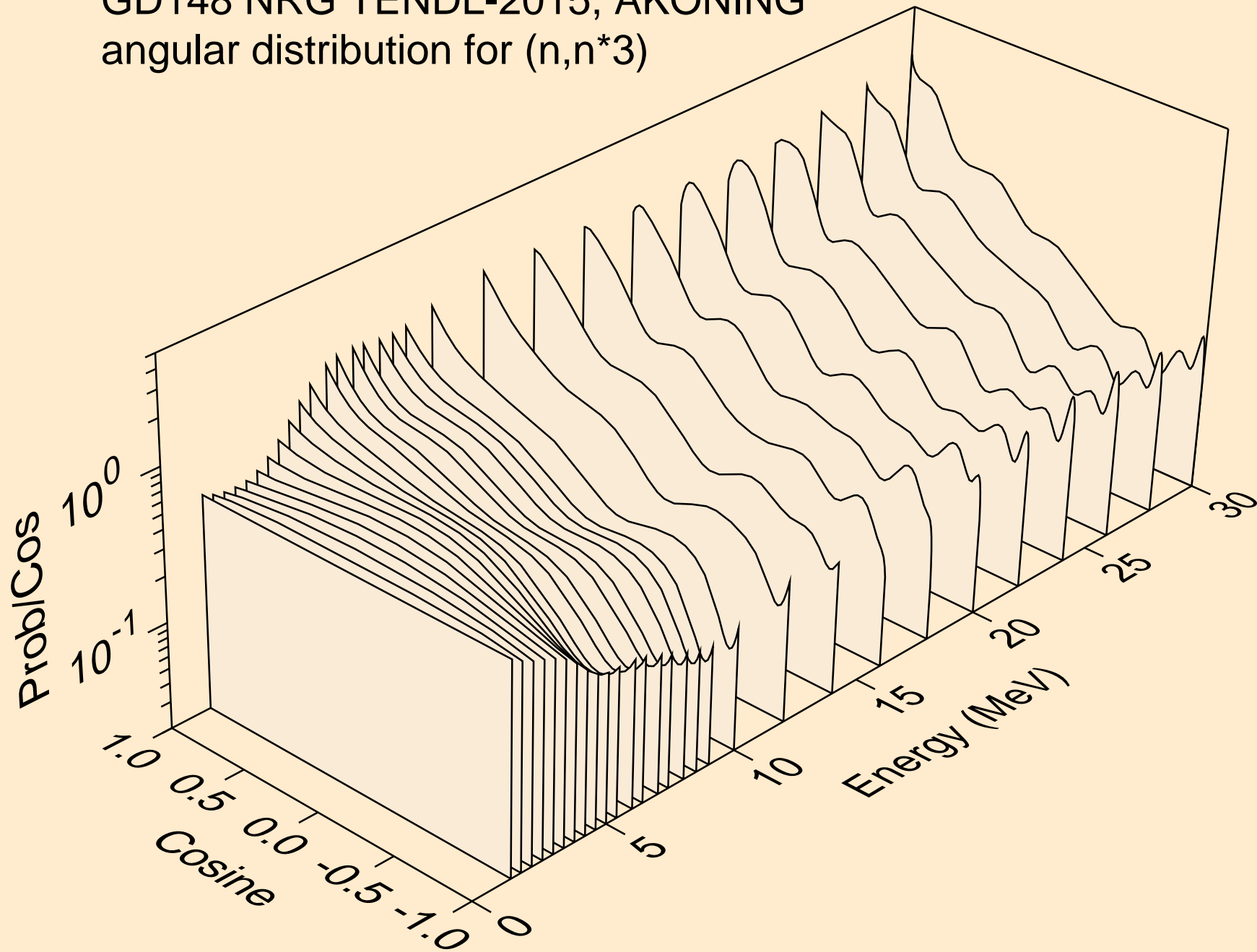
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



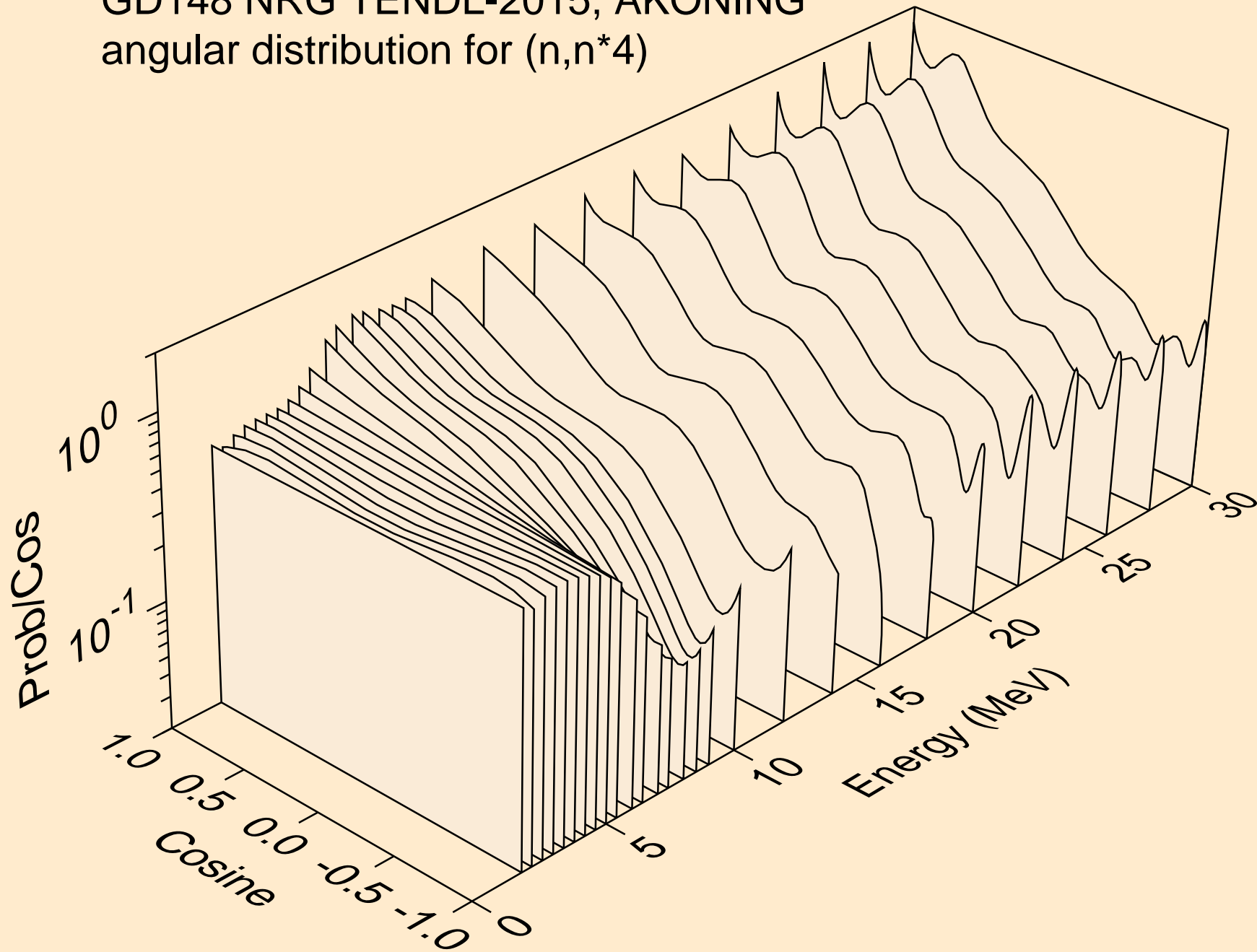
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



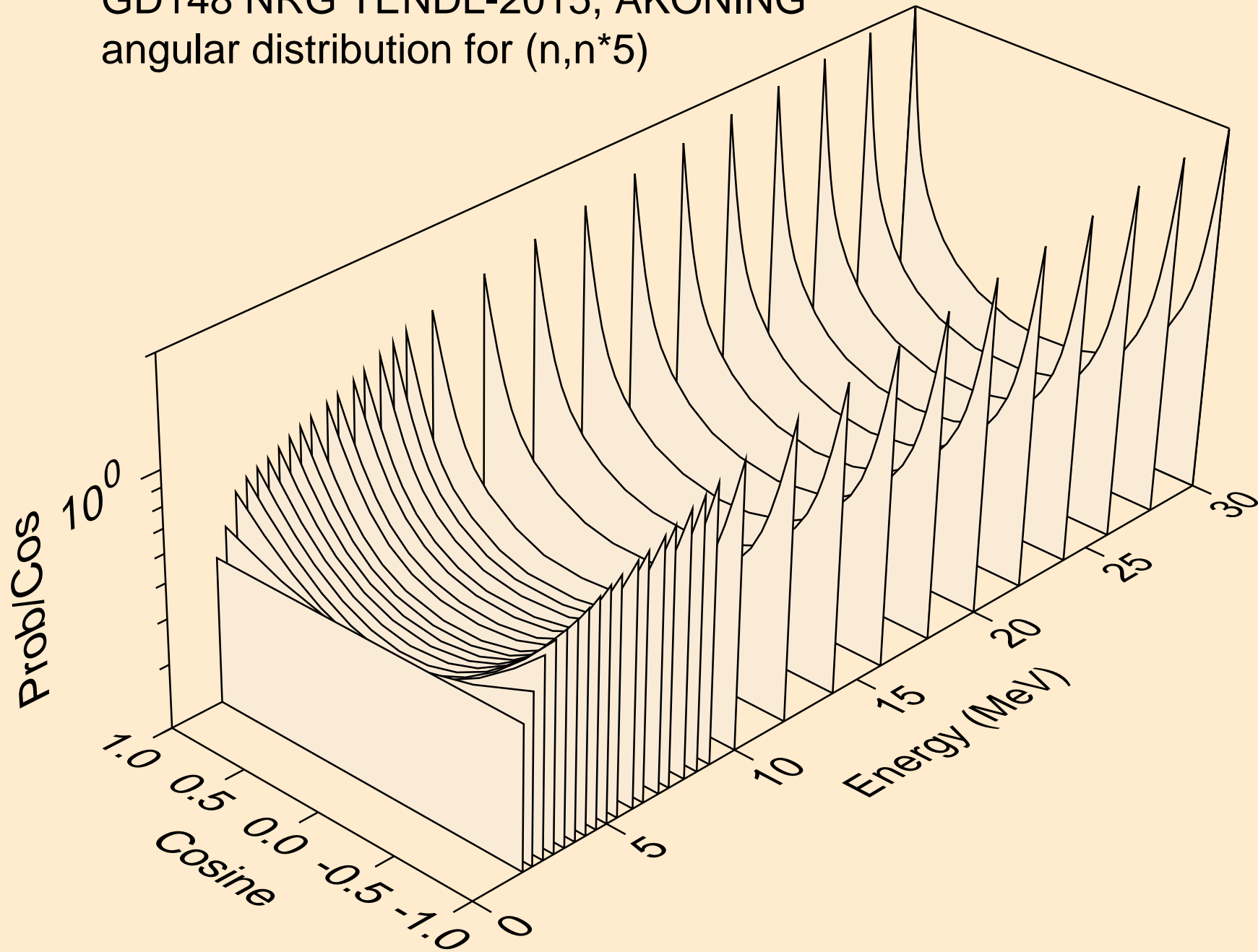
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



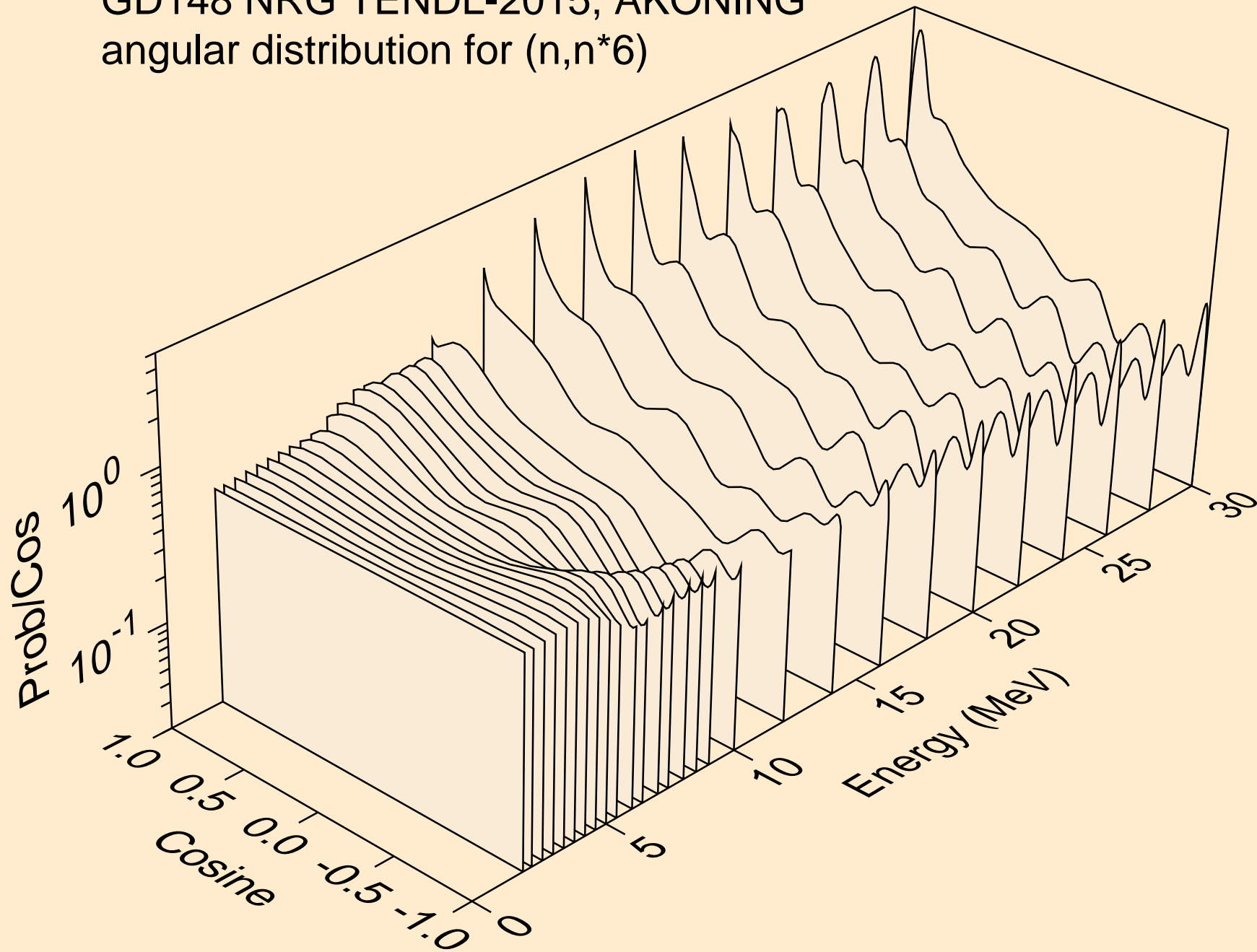
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

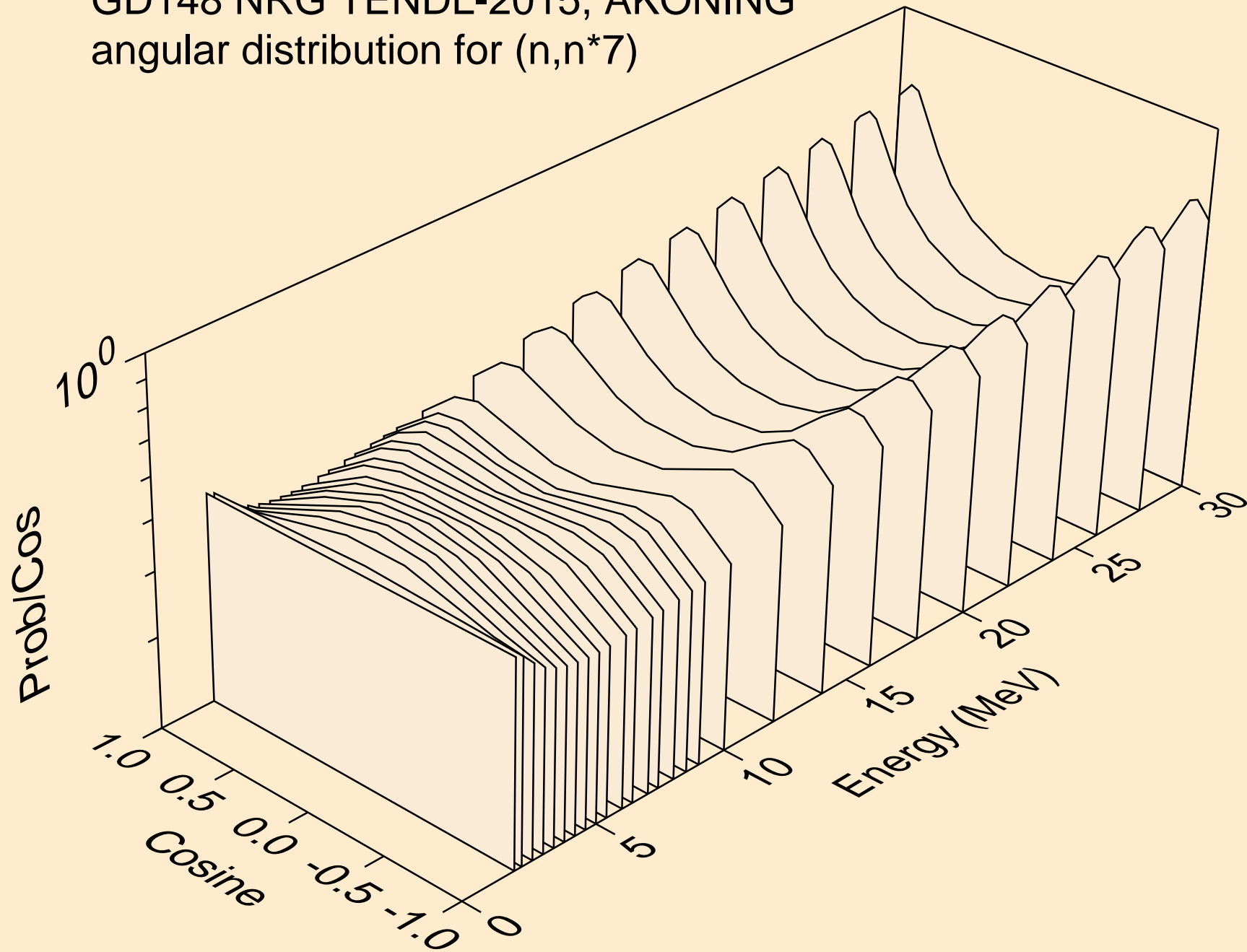


GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

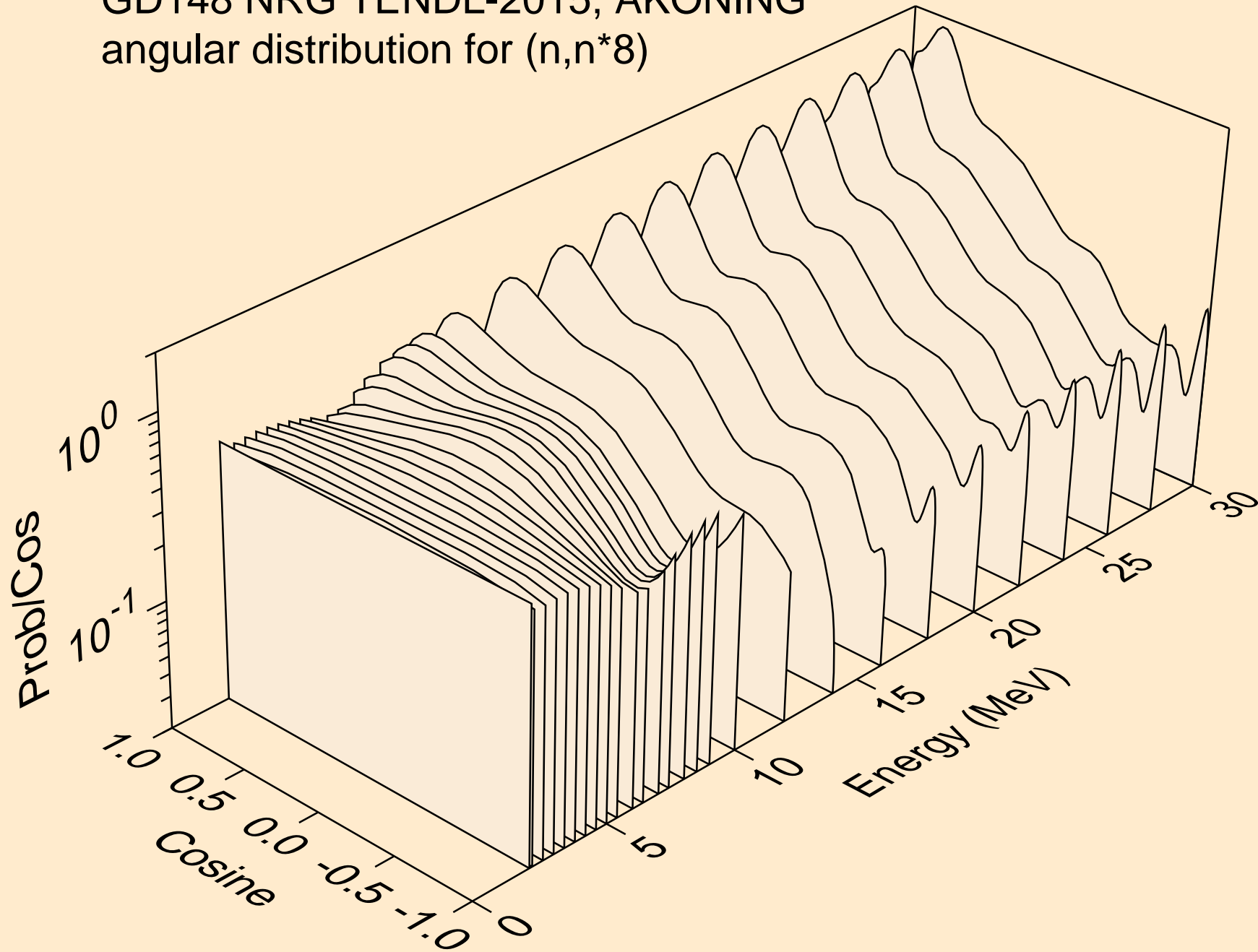




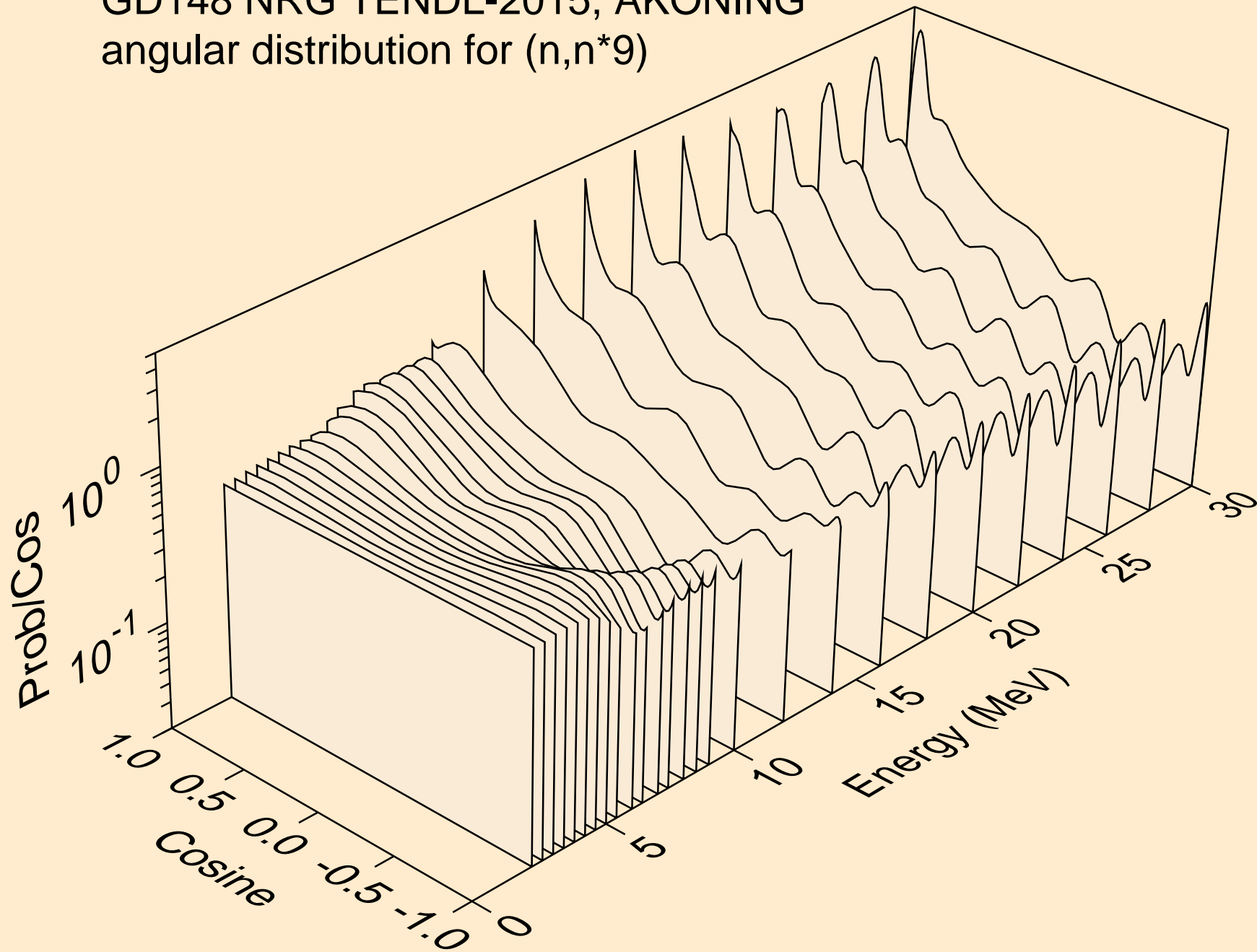
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



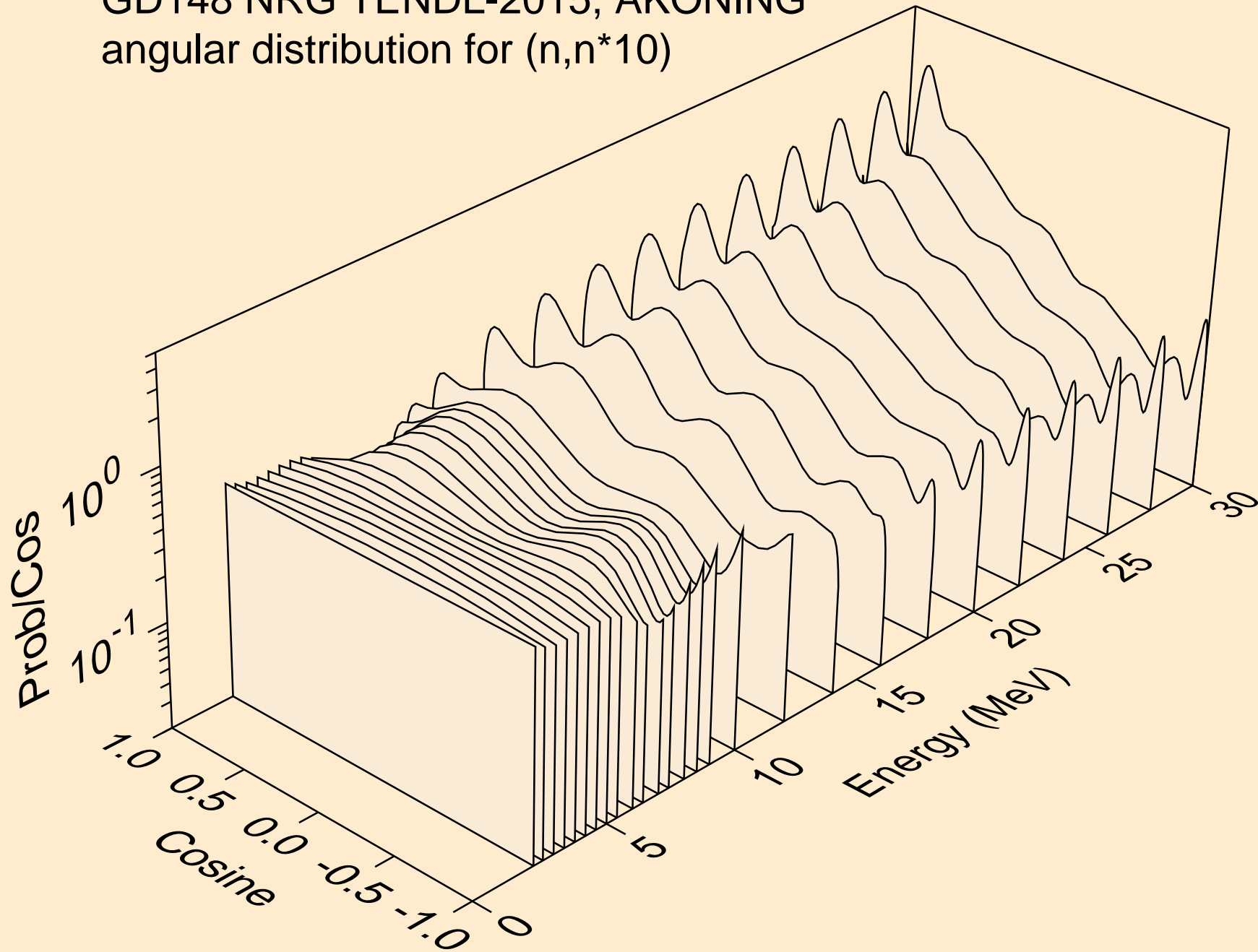
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



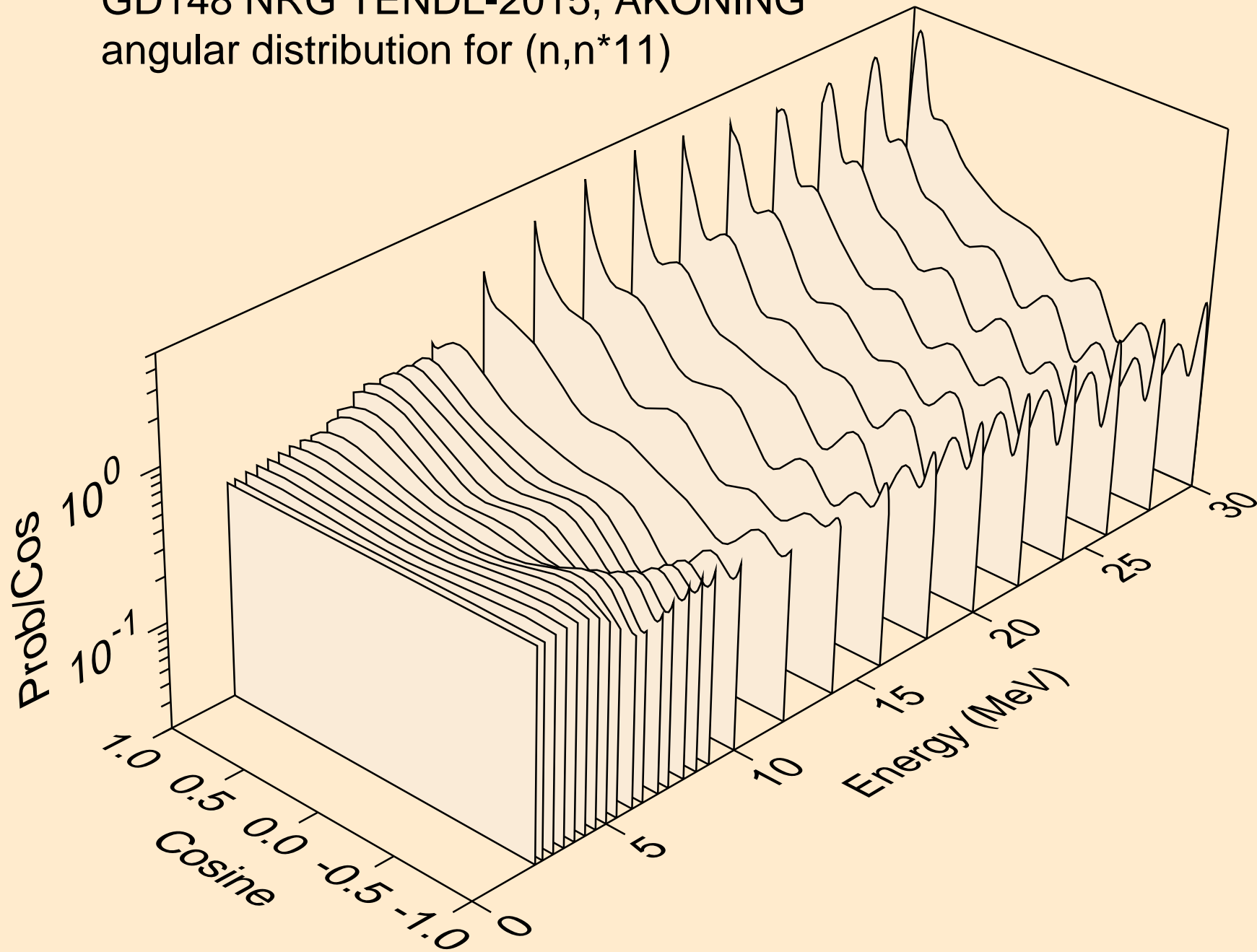
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



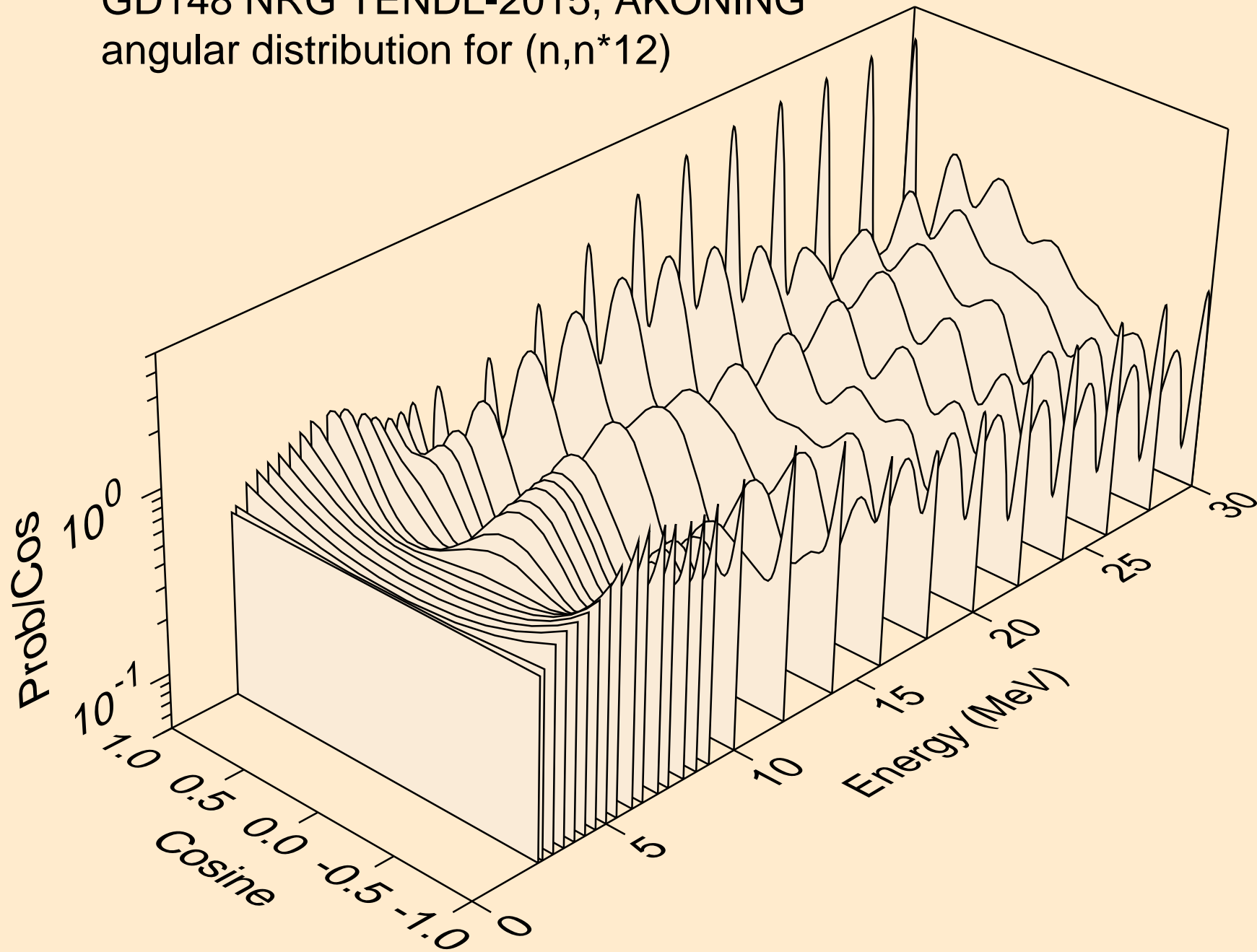
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



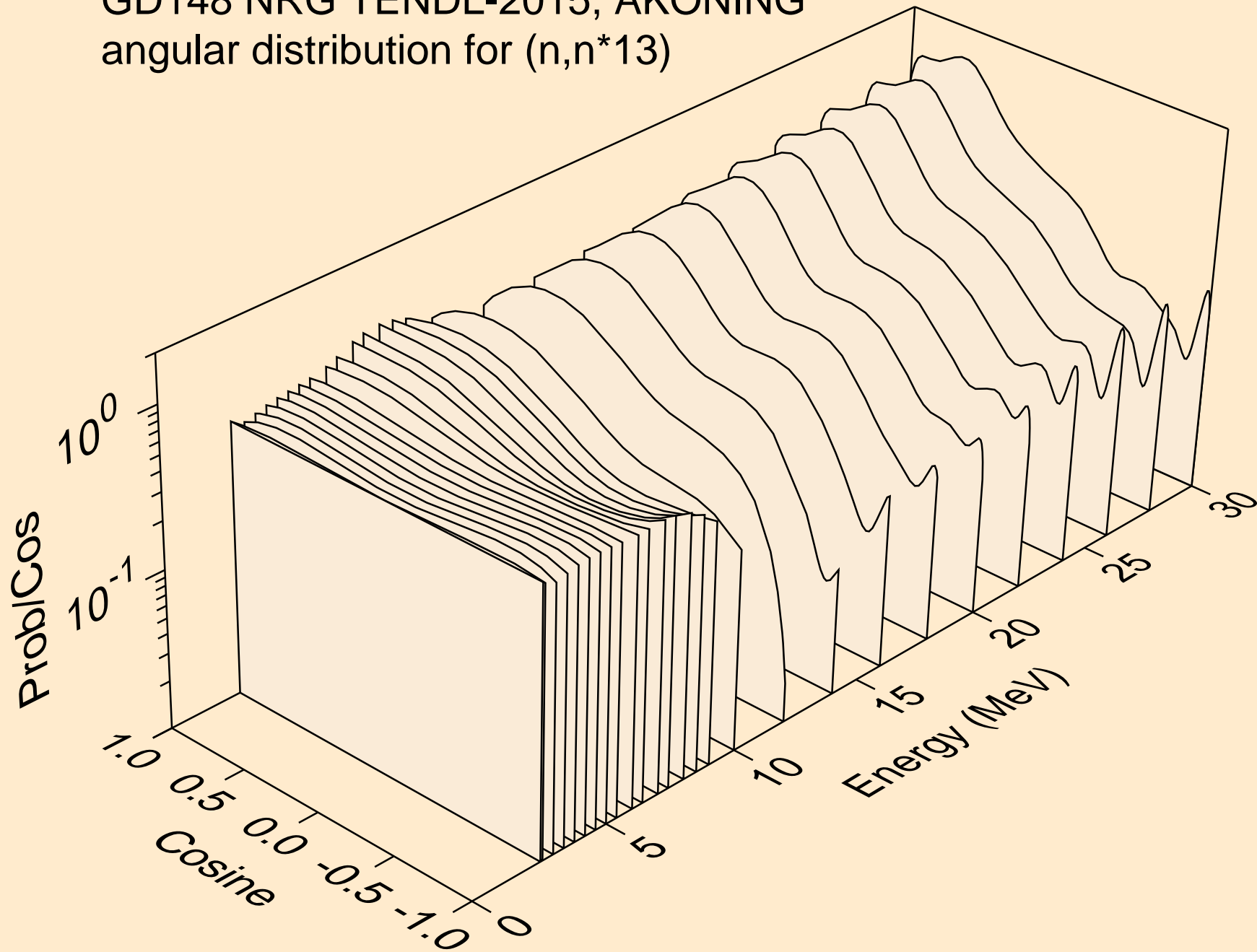
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



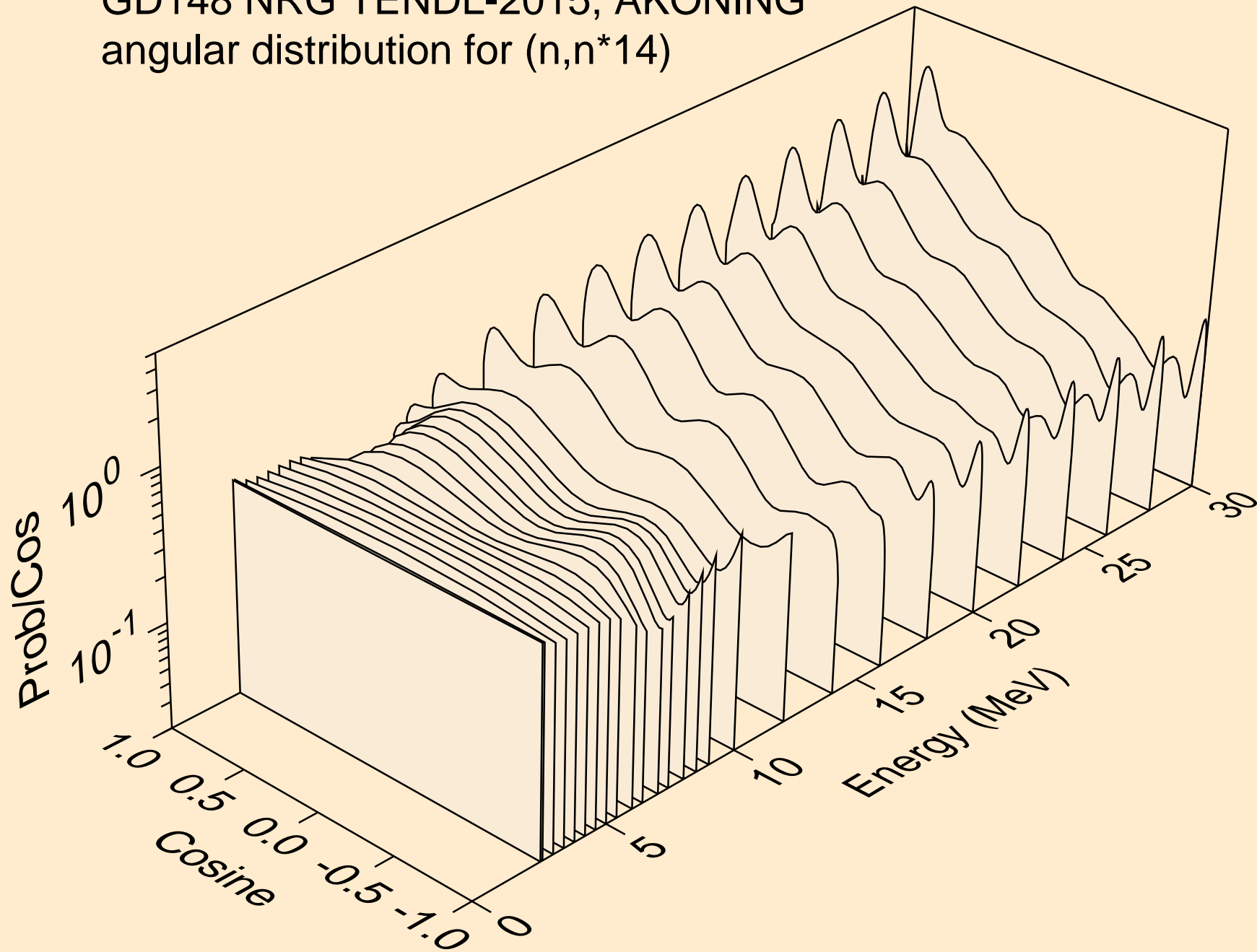
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

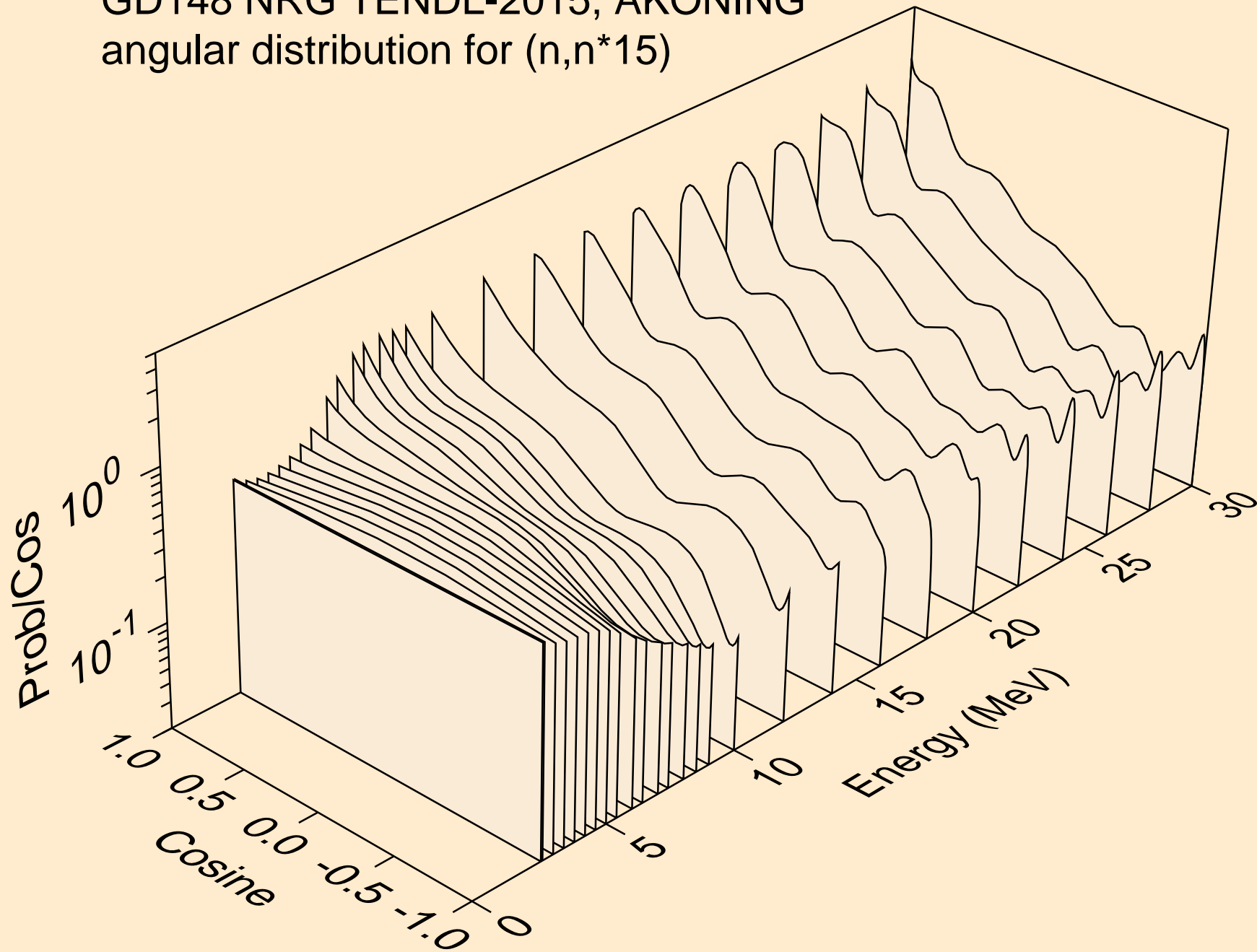


GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

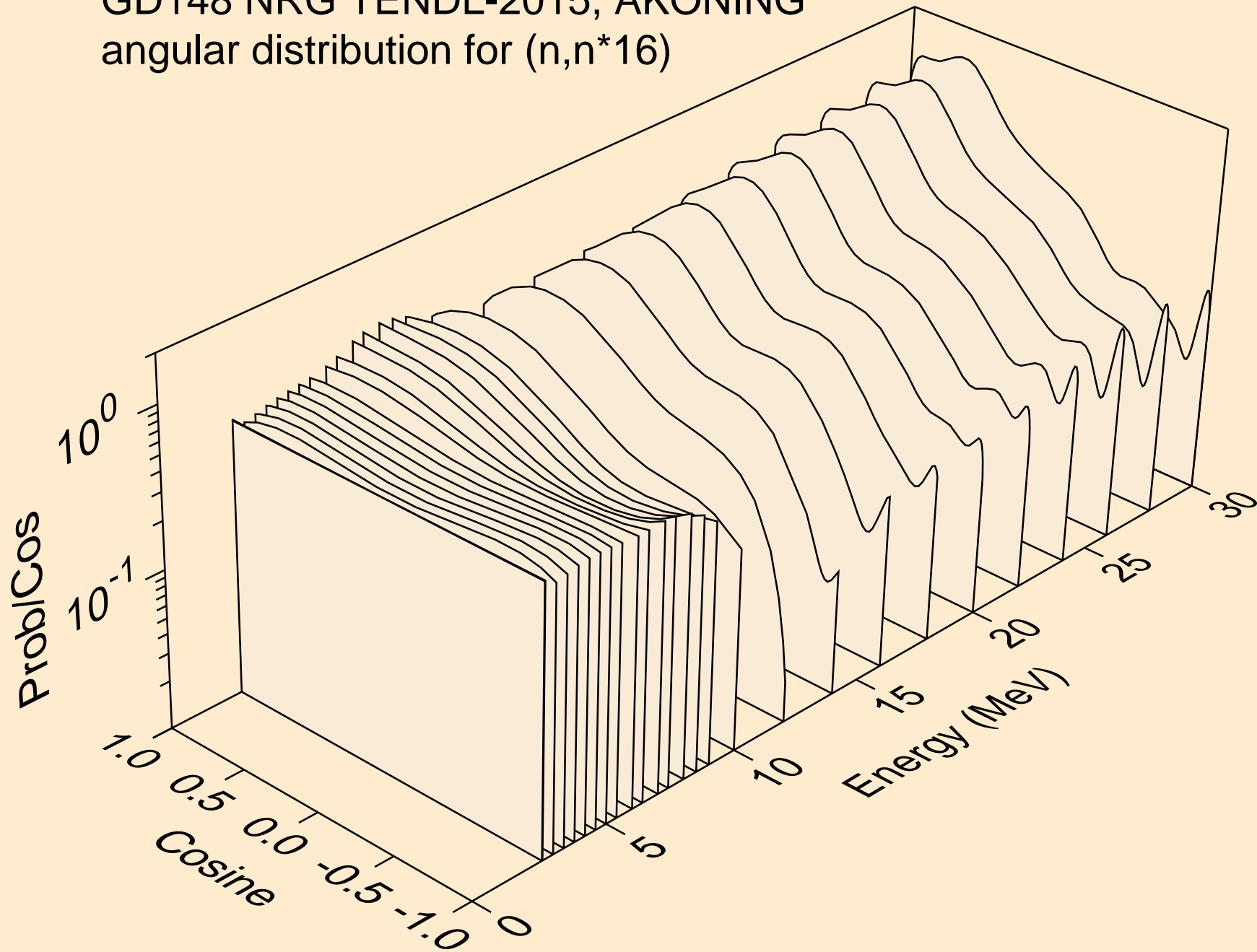




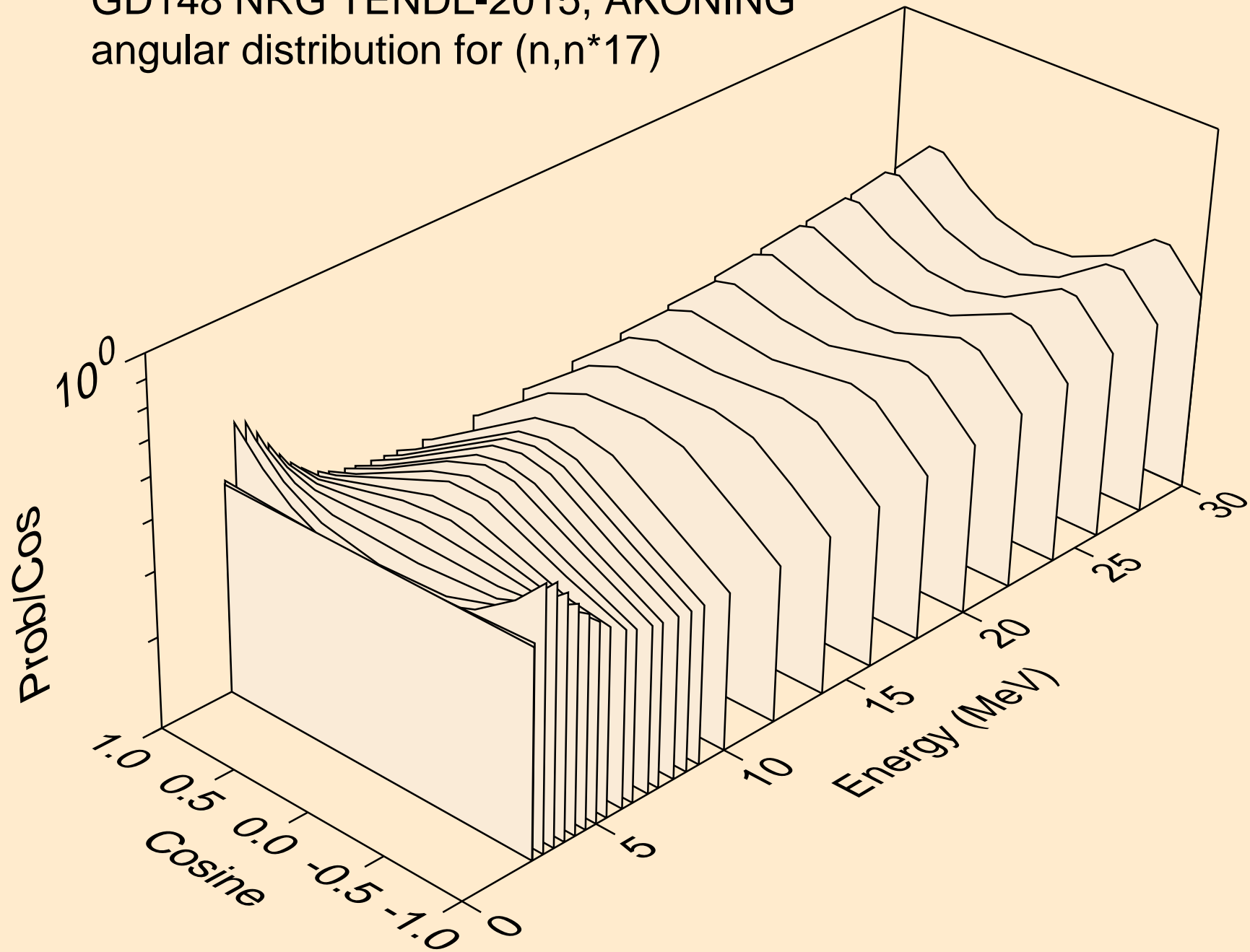
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



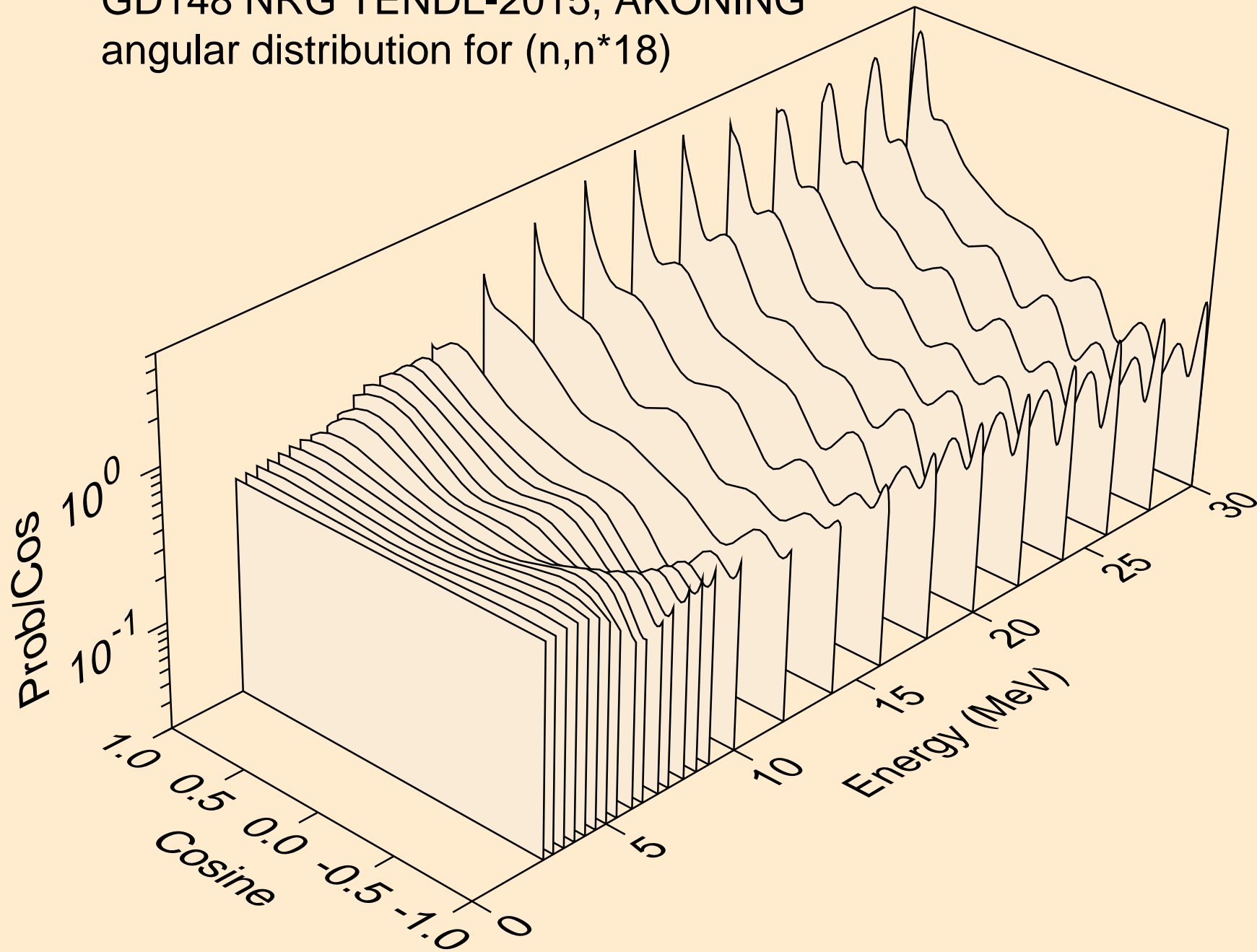
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



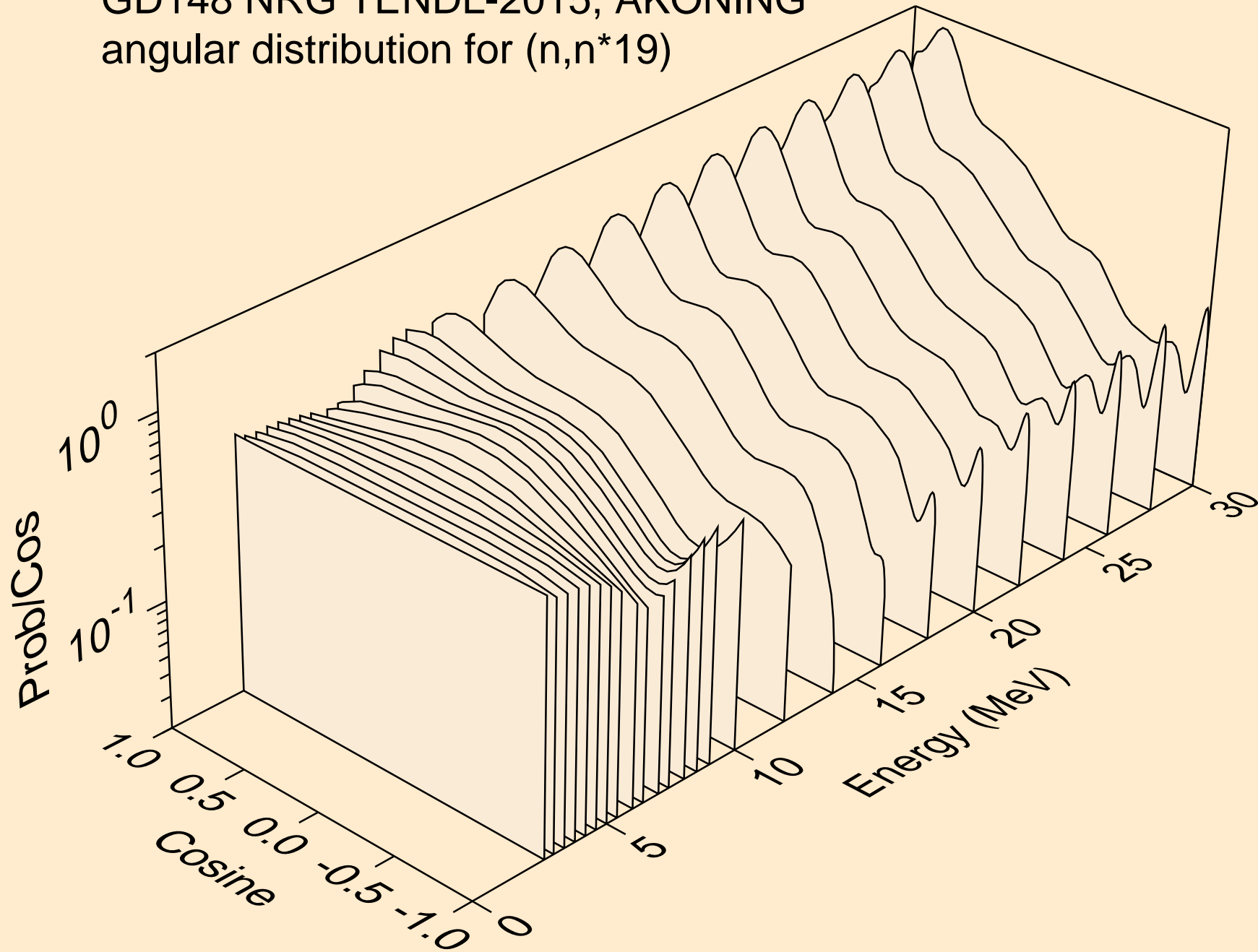
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



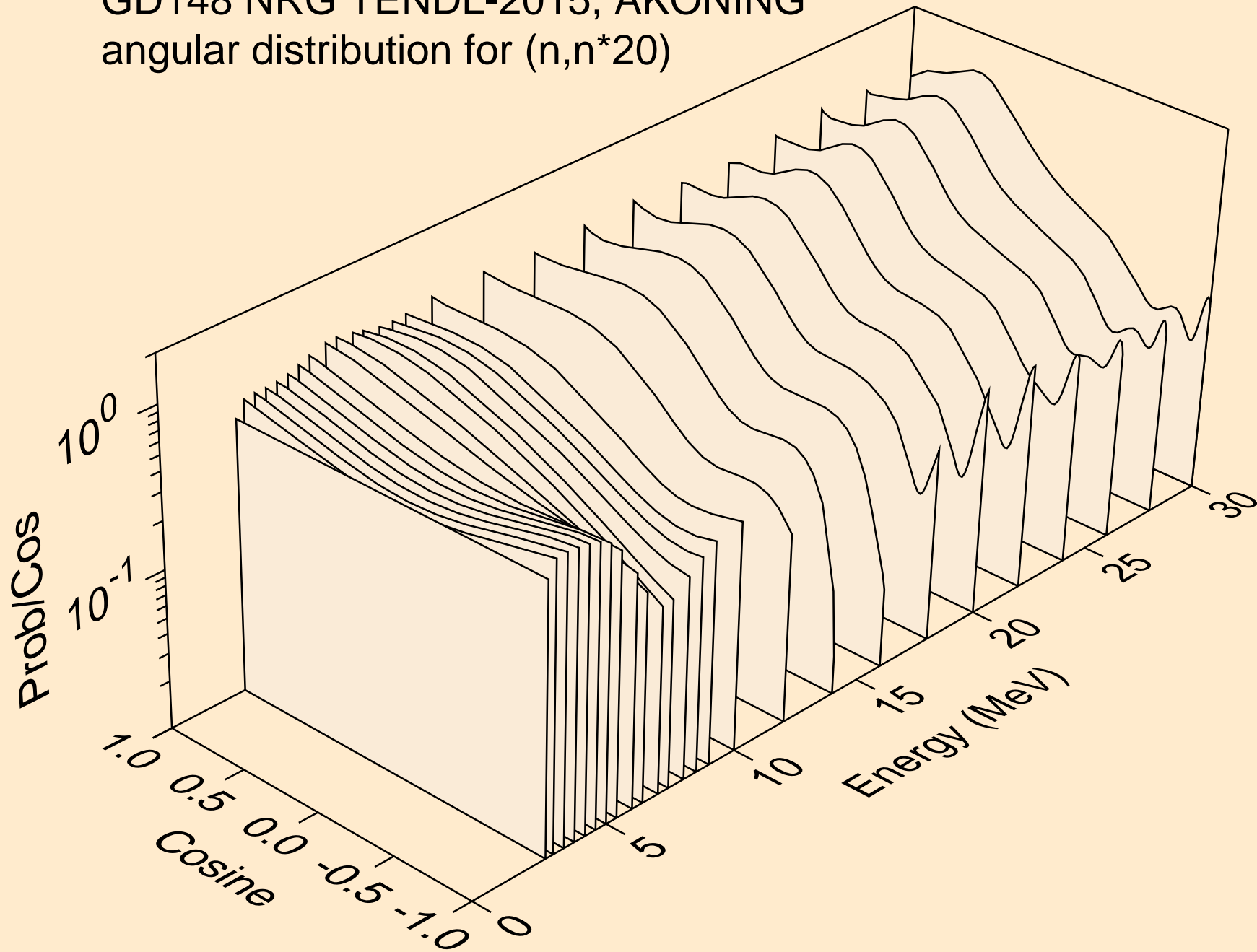
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



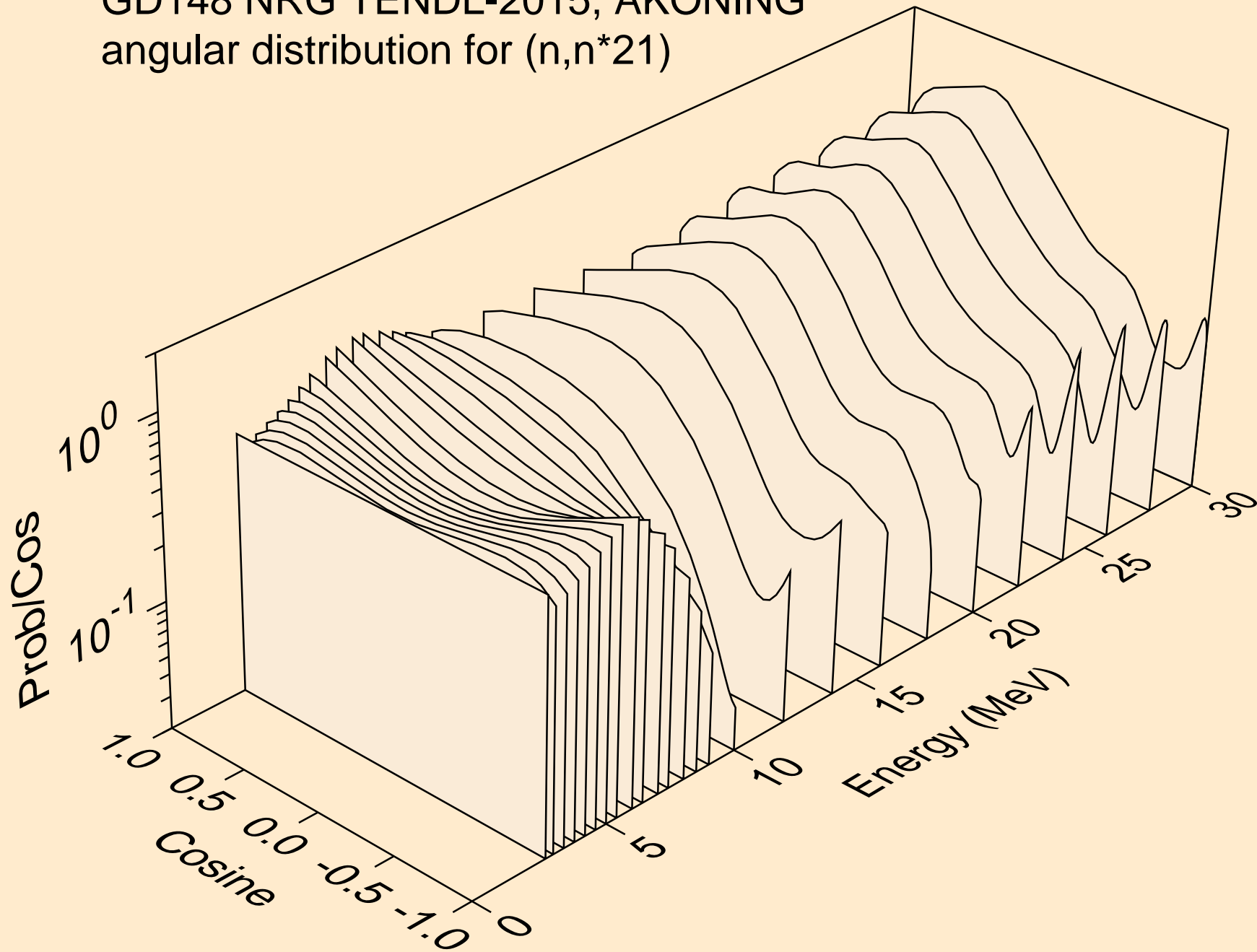
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



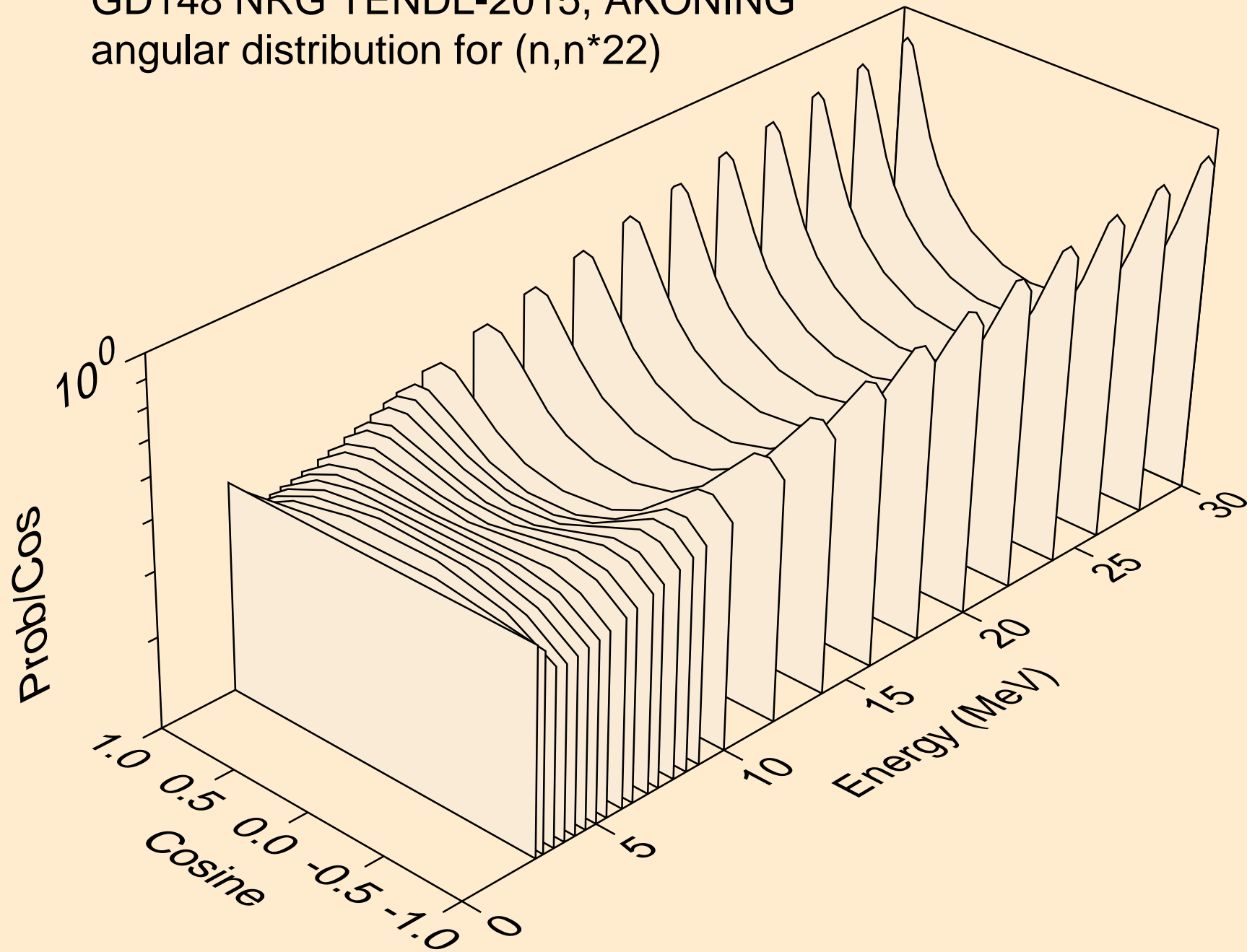
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

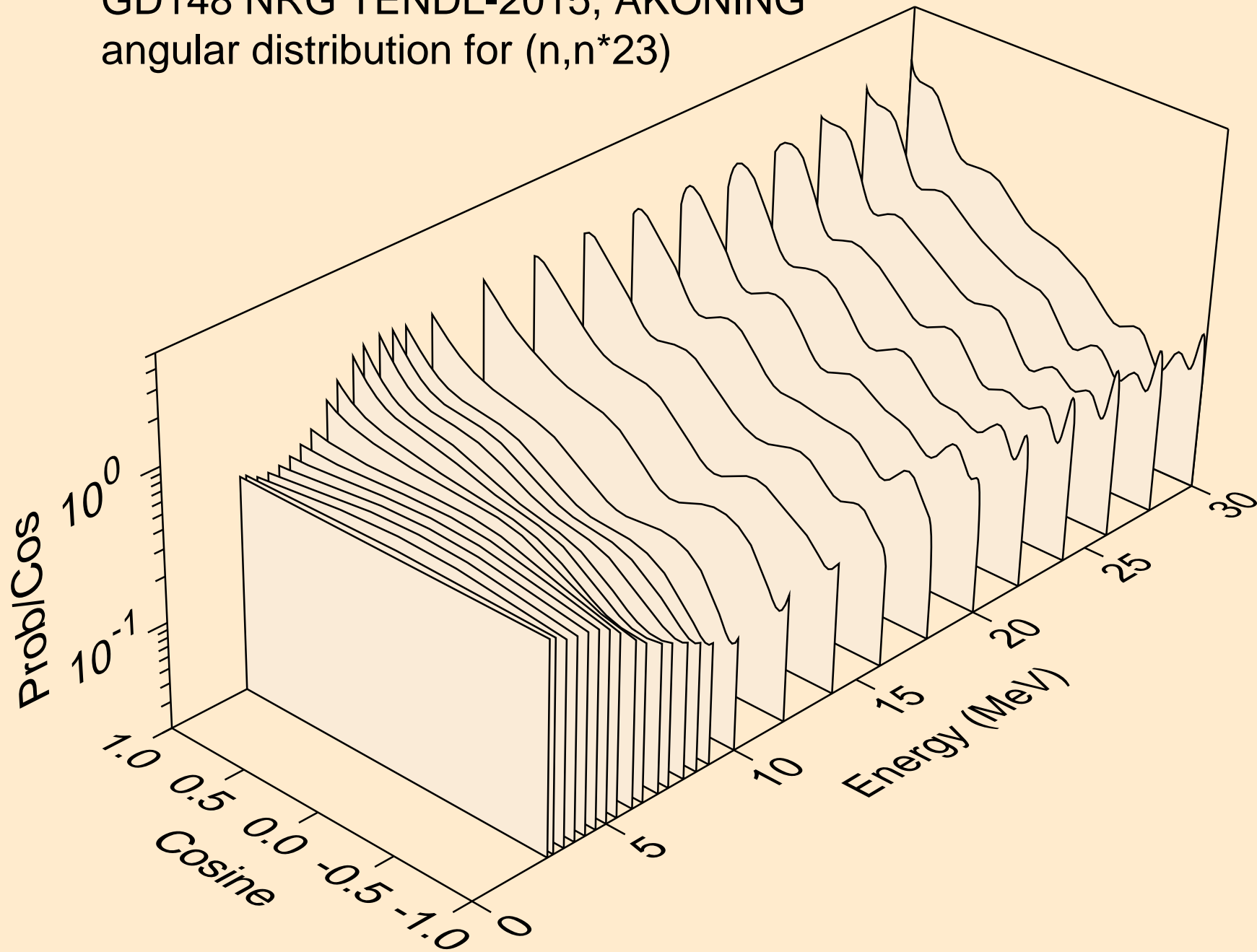


GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

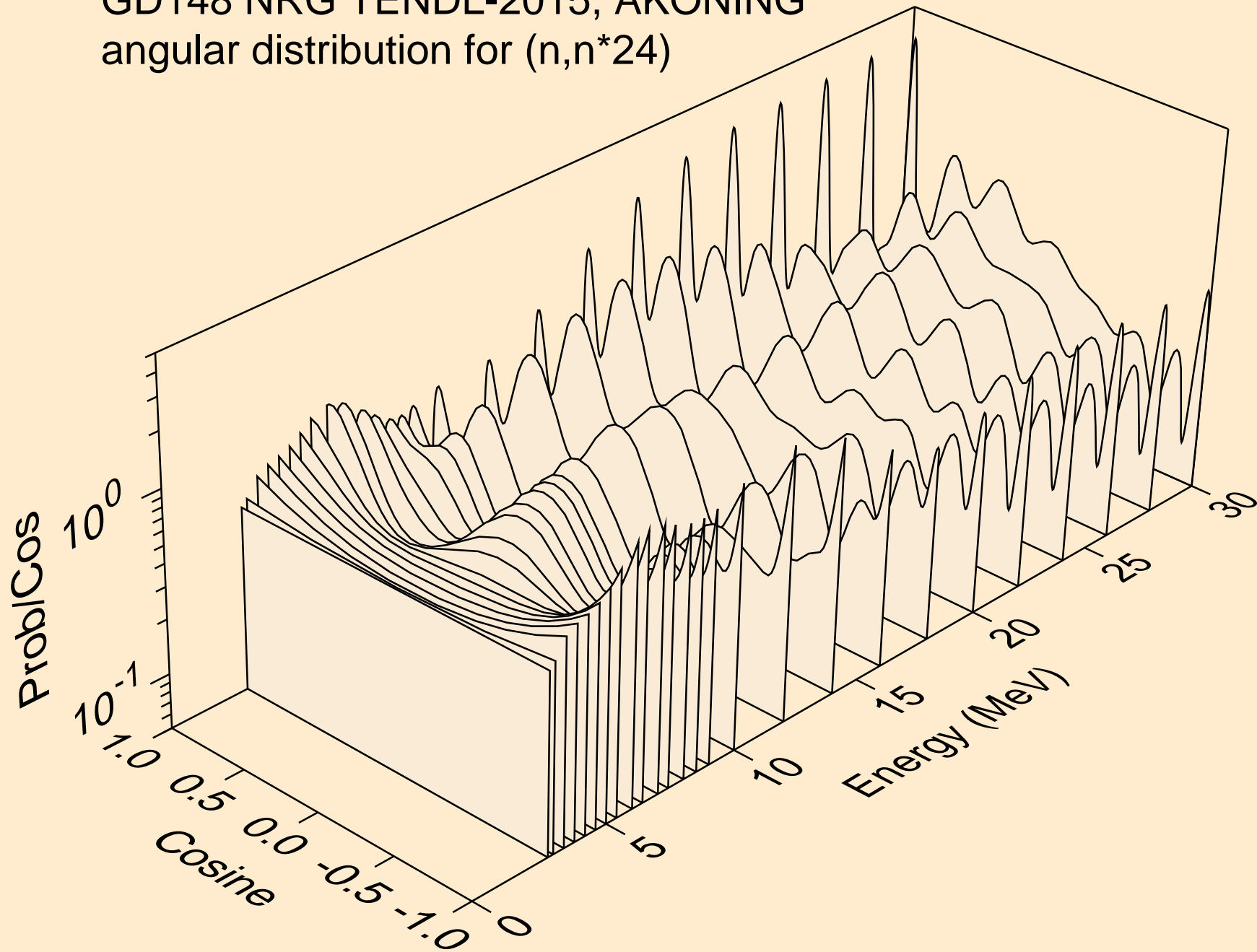




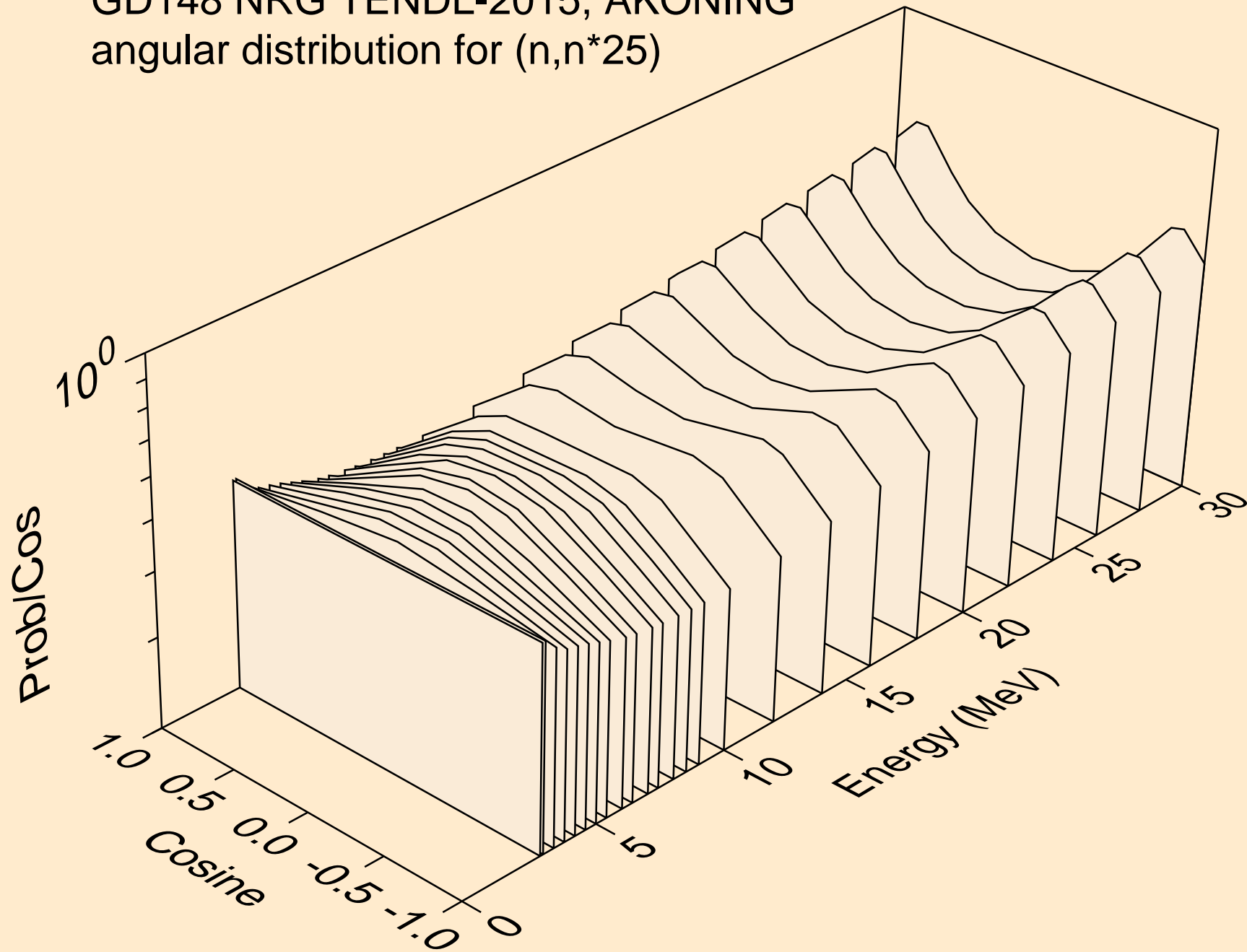
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



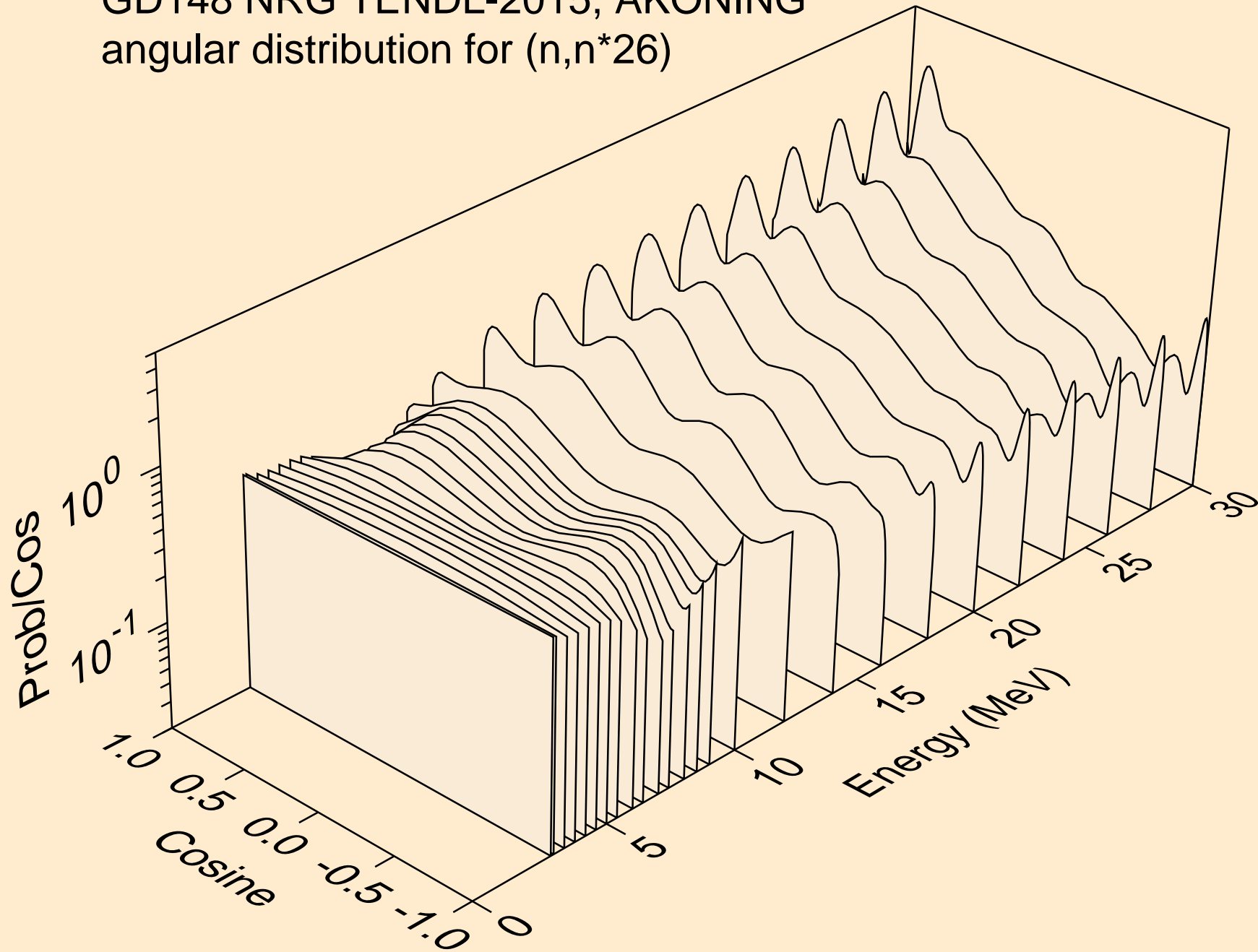
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



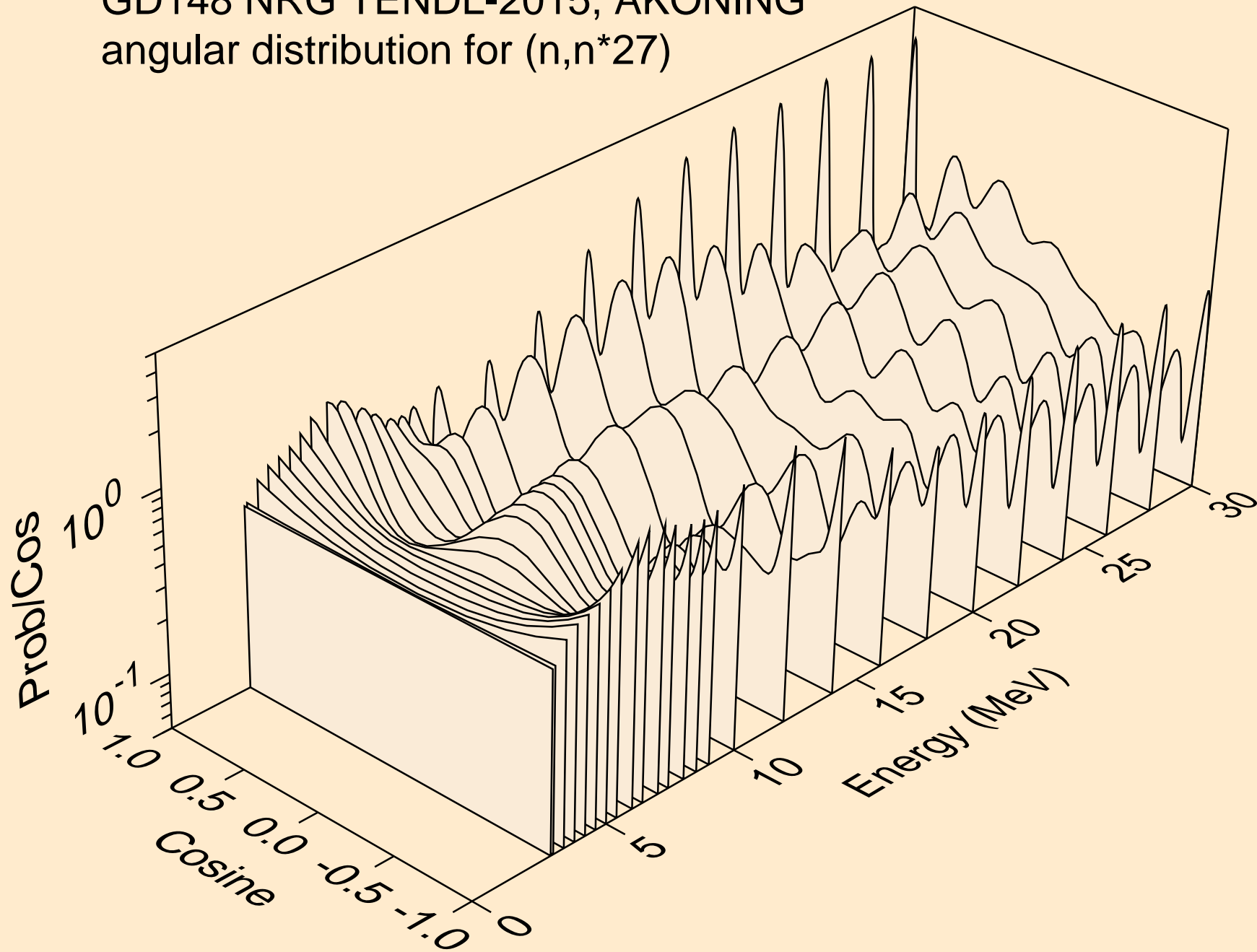
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



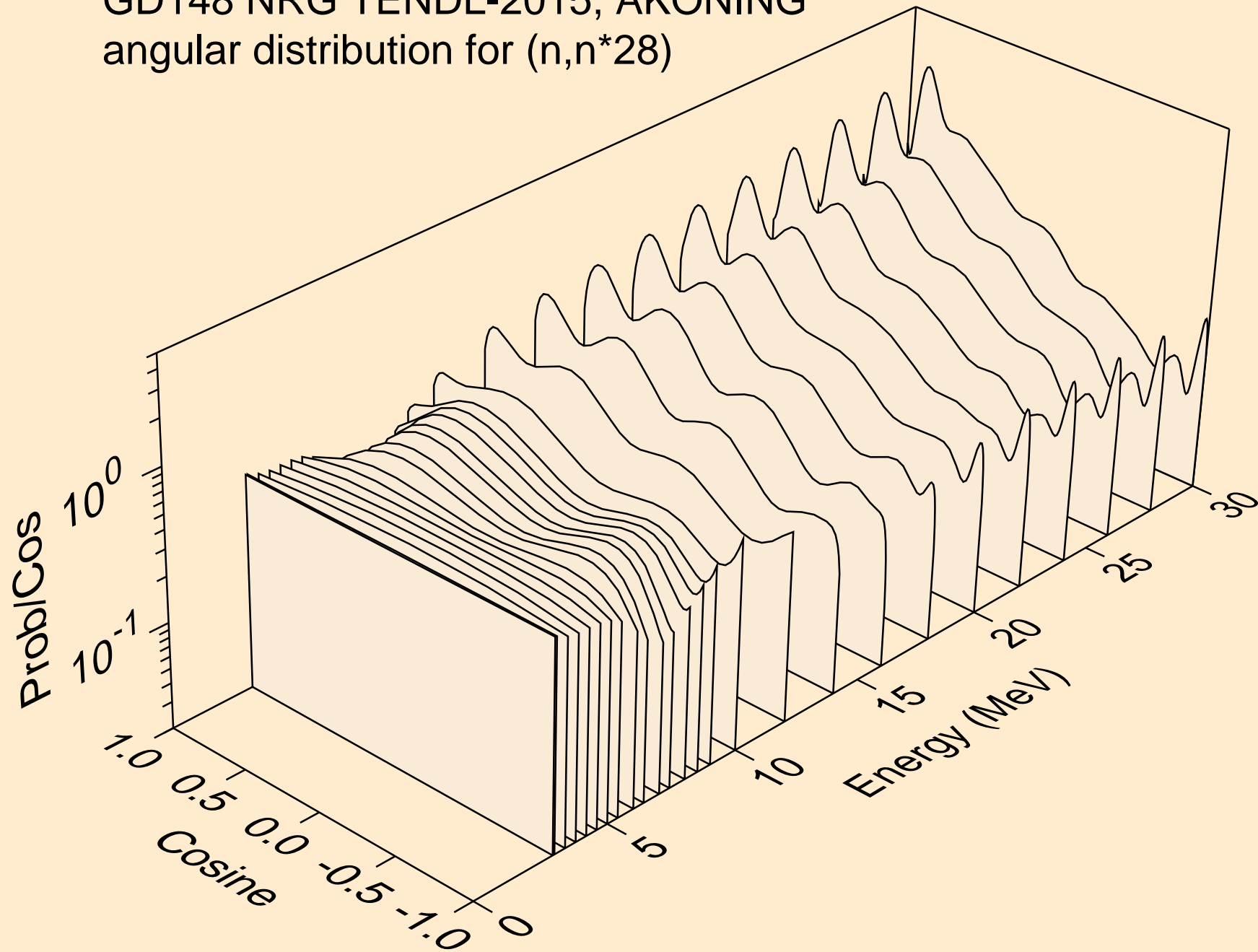
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



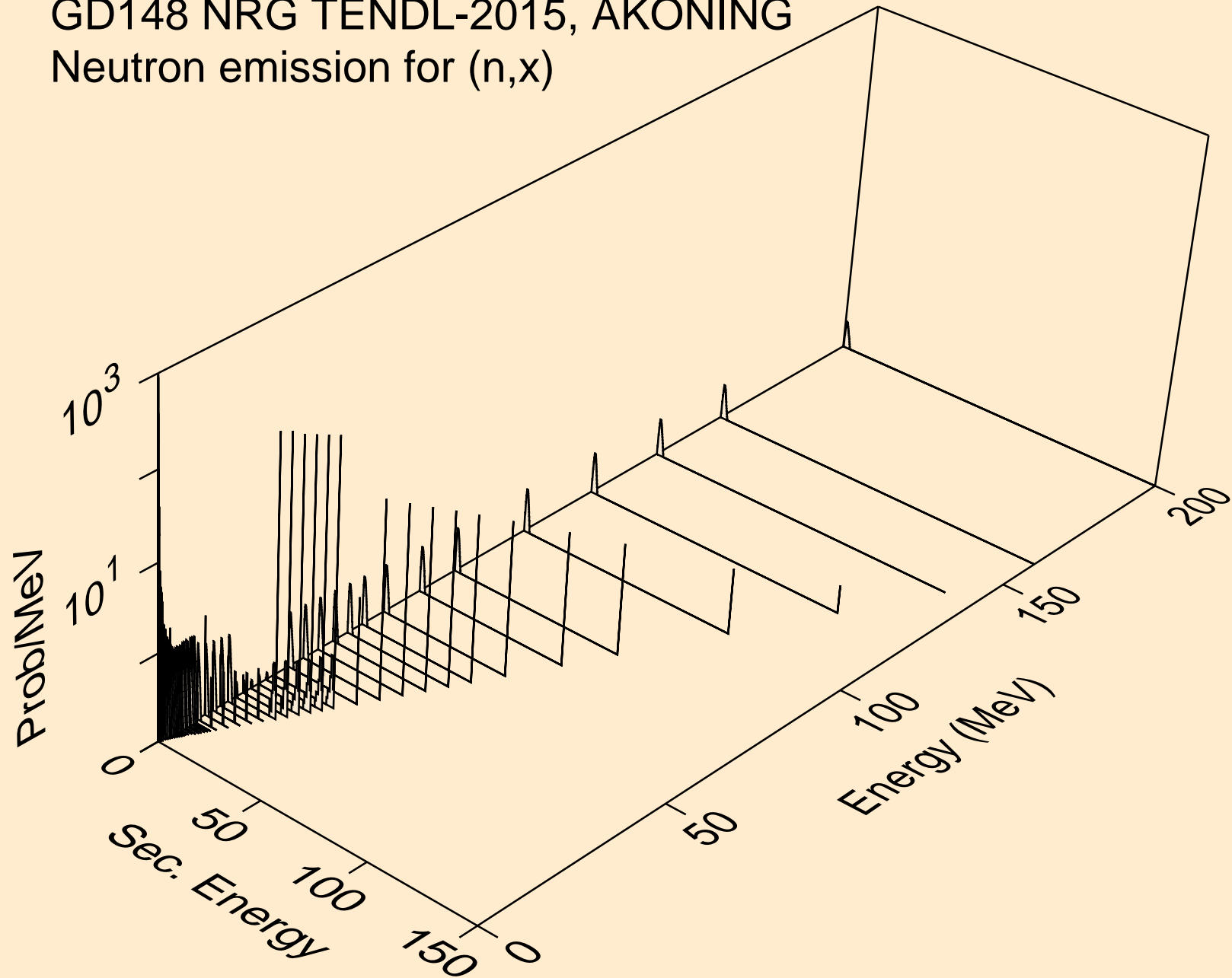
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



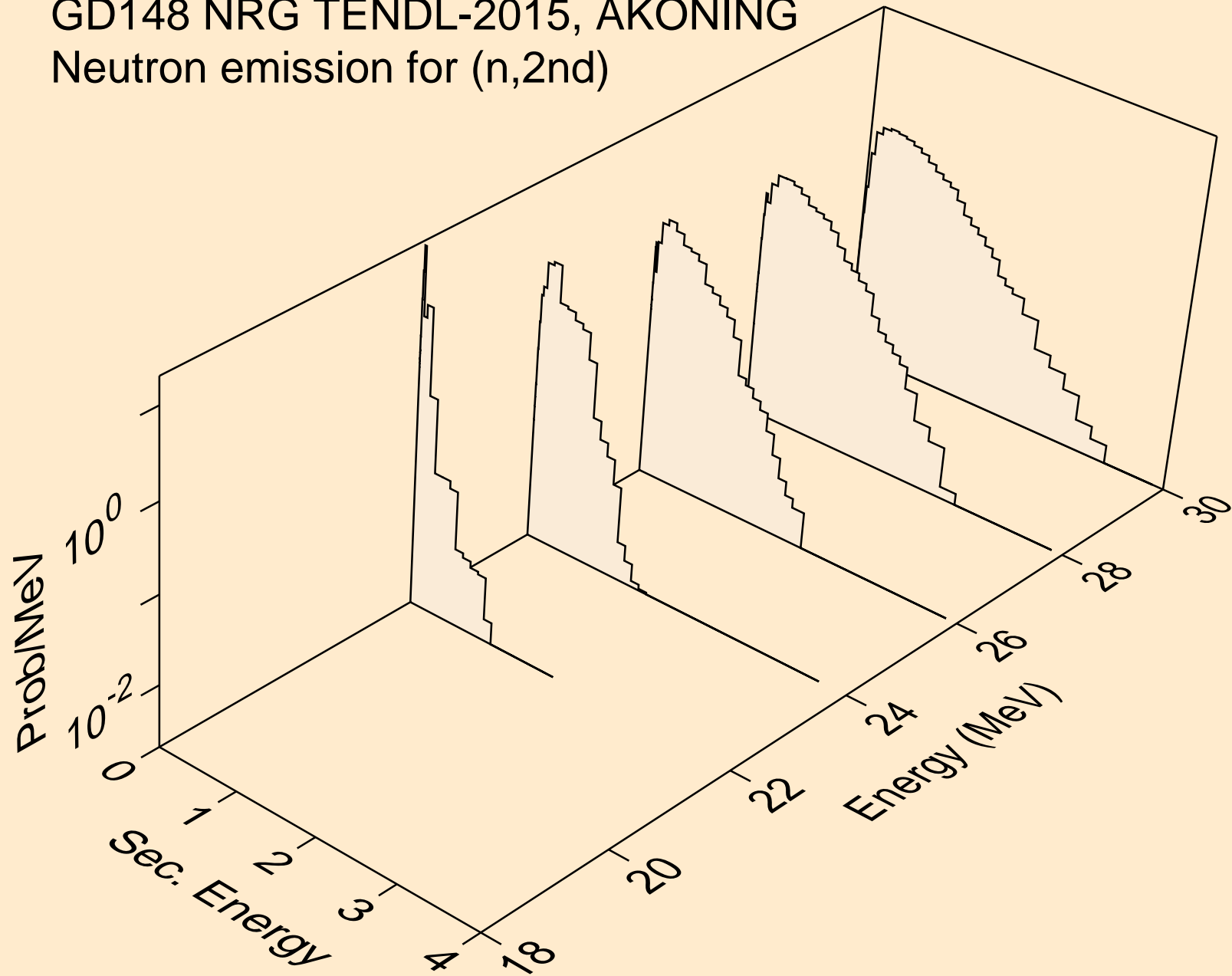
GD148 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

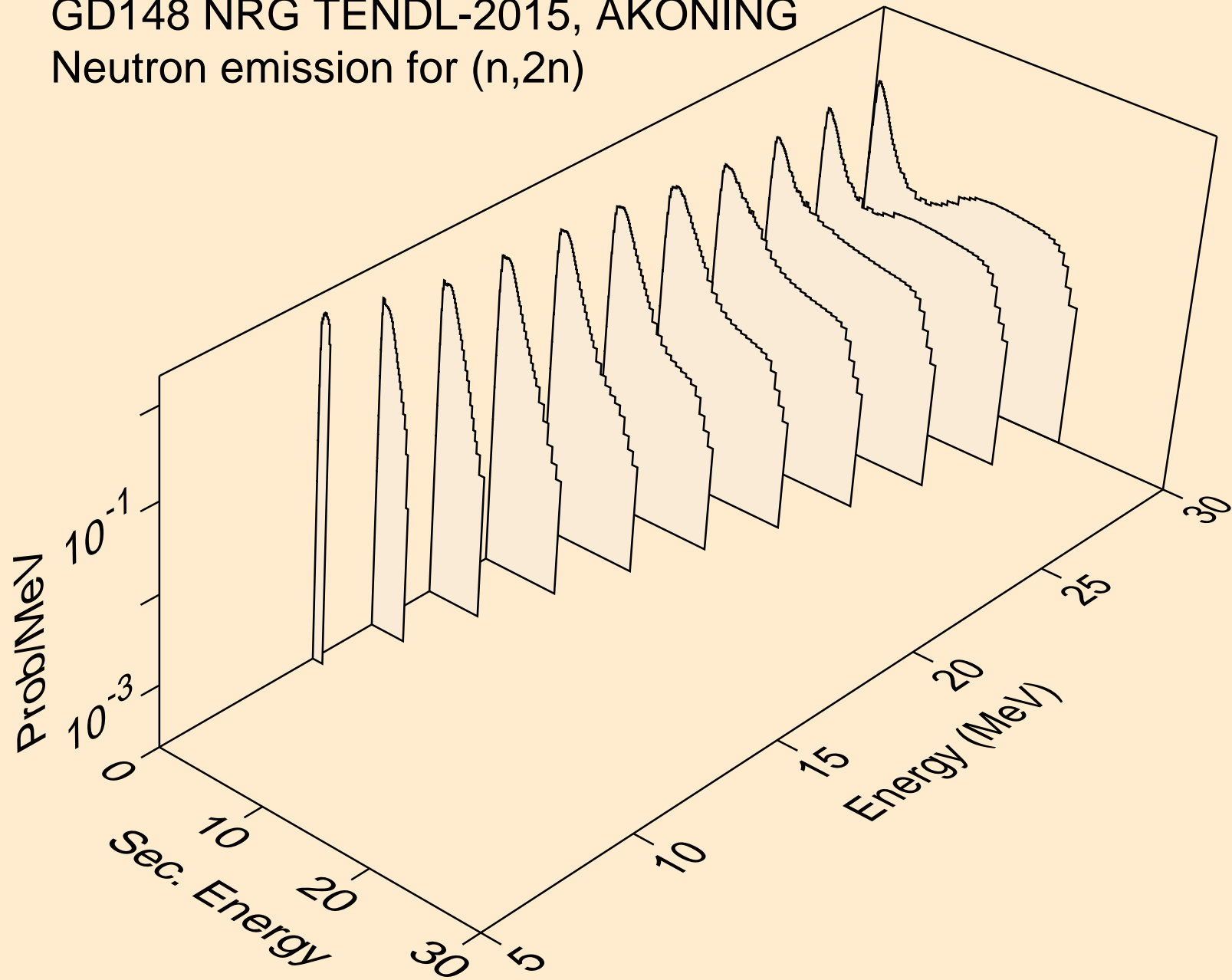


GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

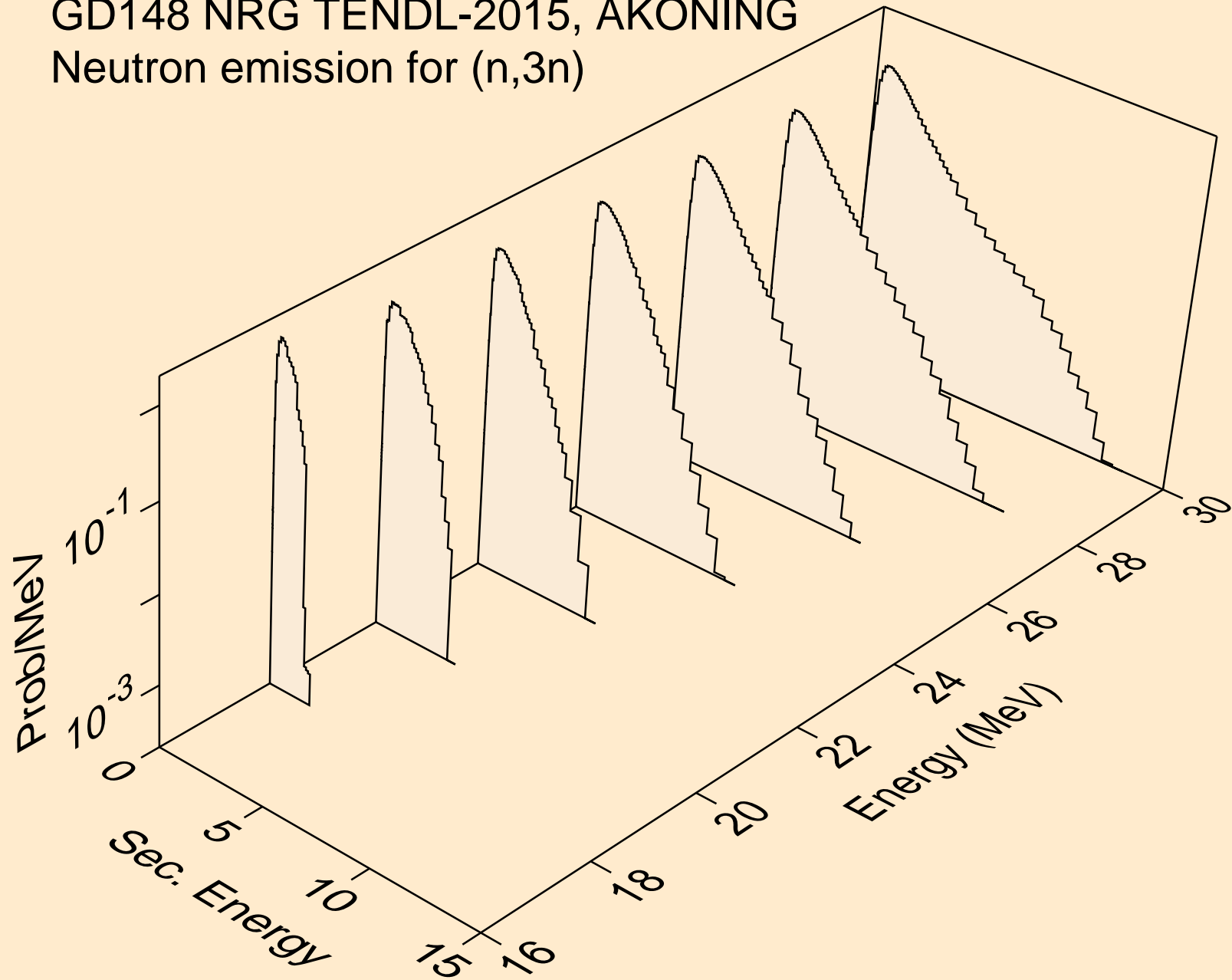




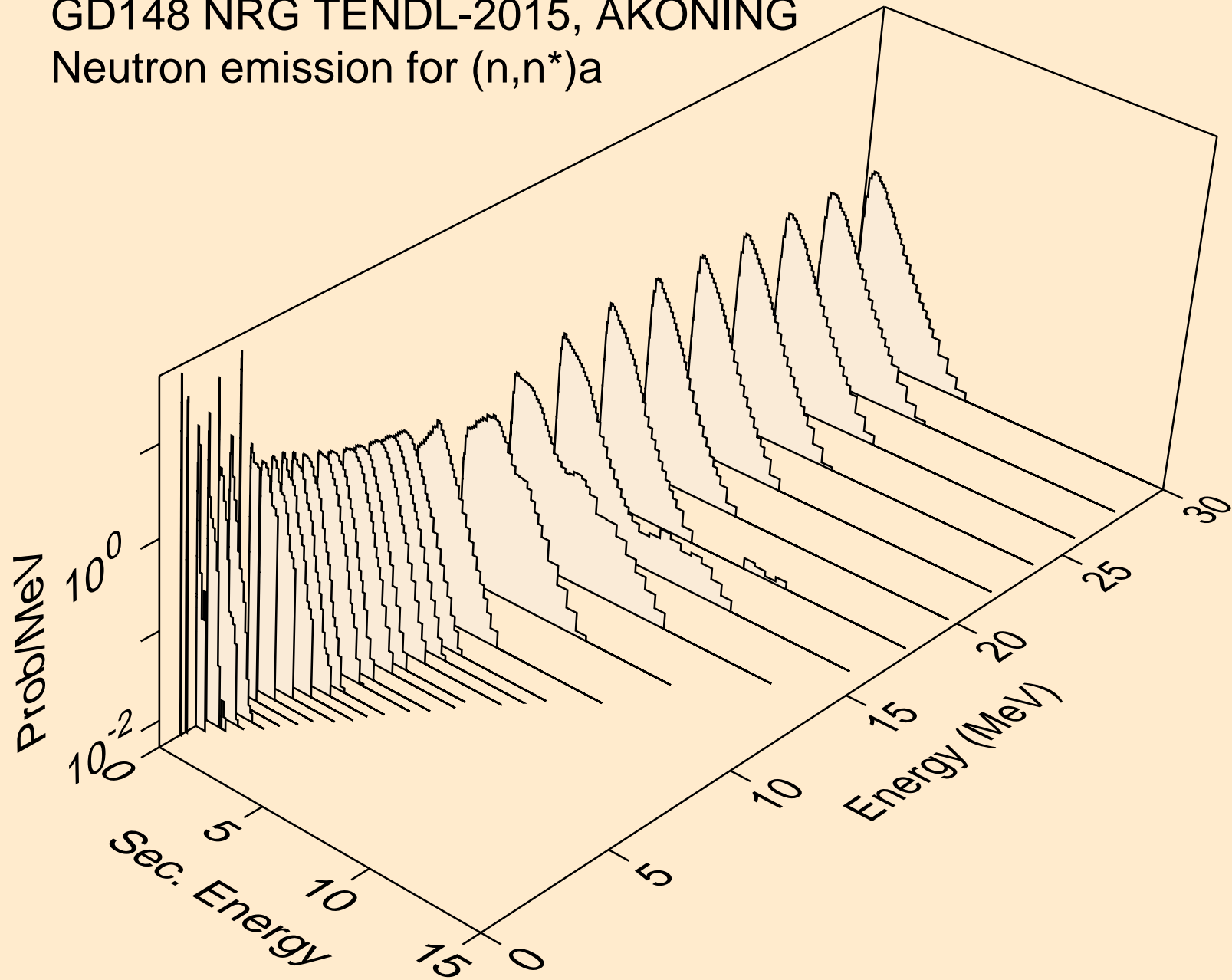
GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



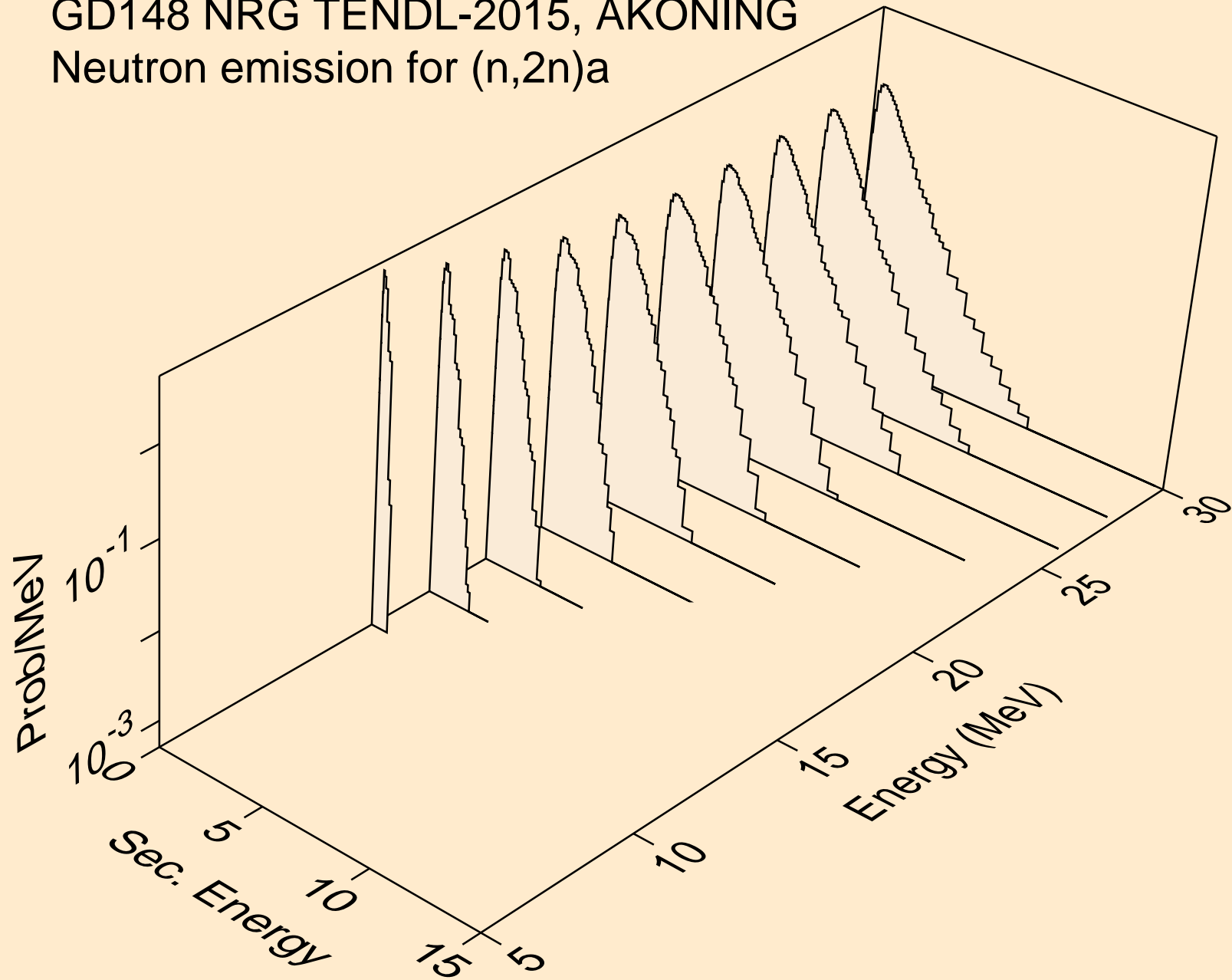
GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



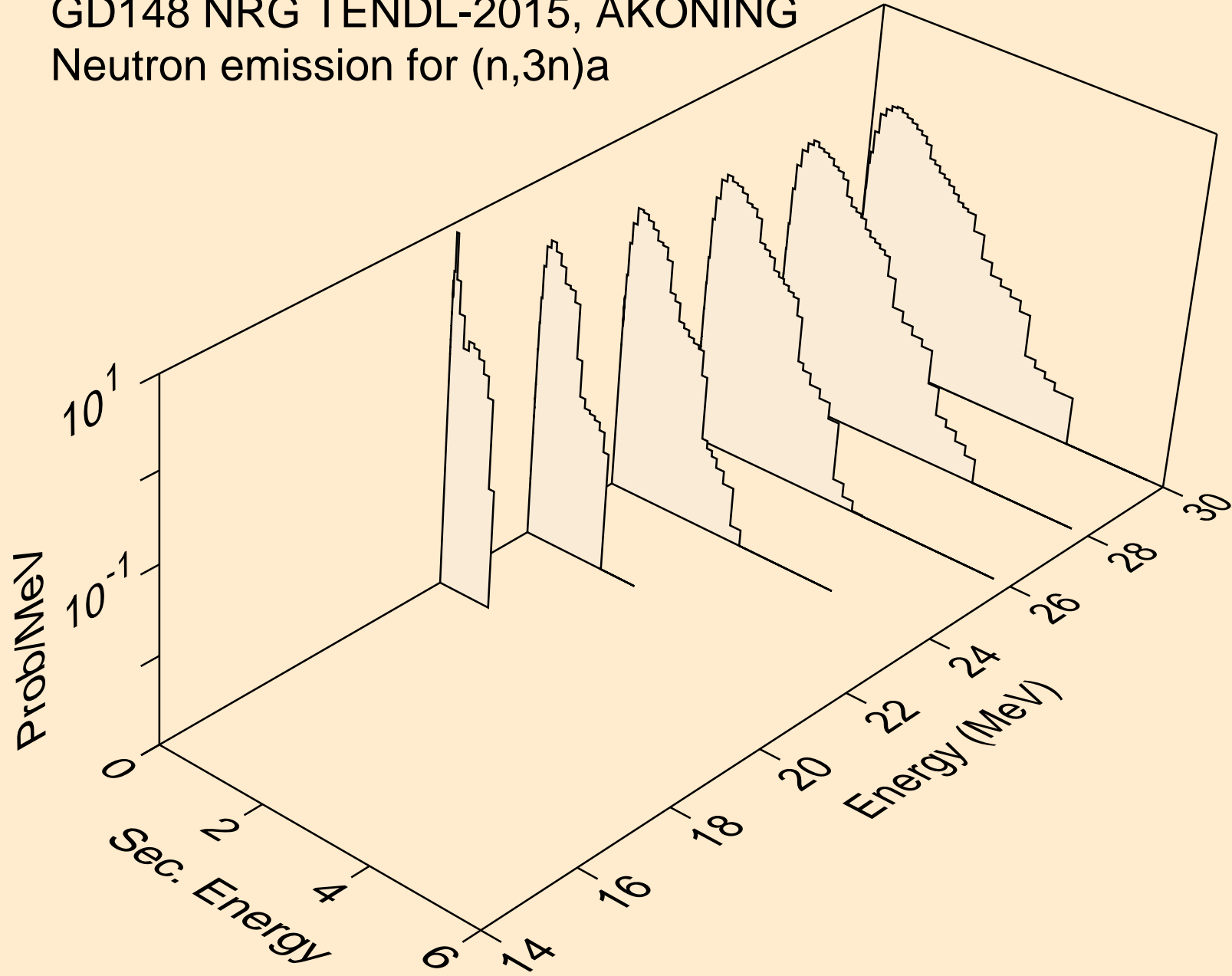
GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



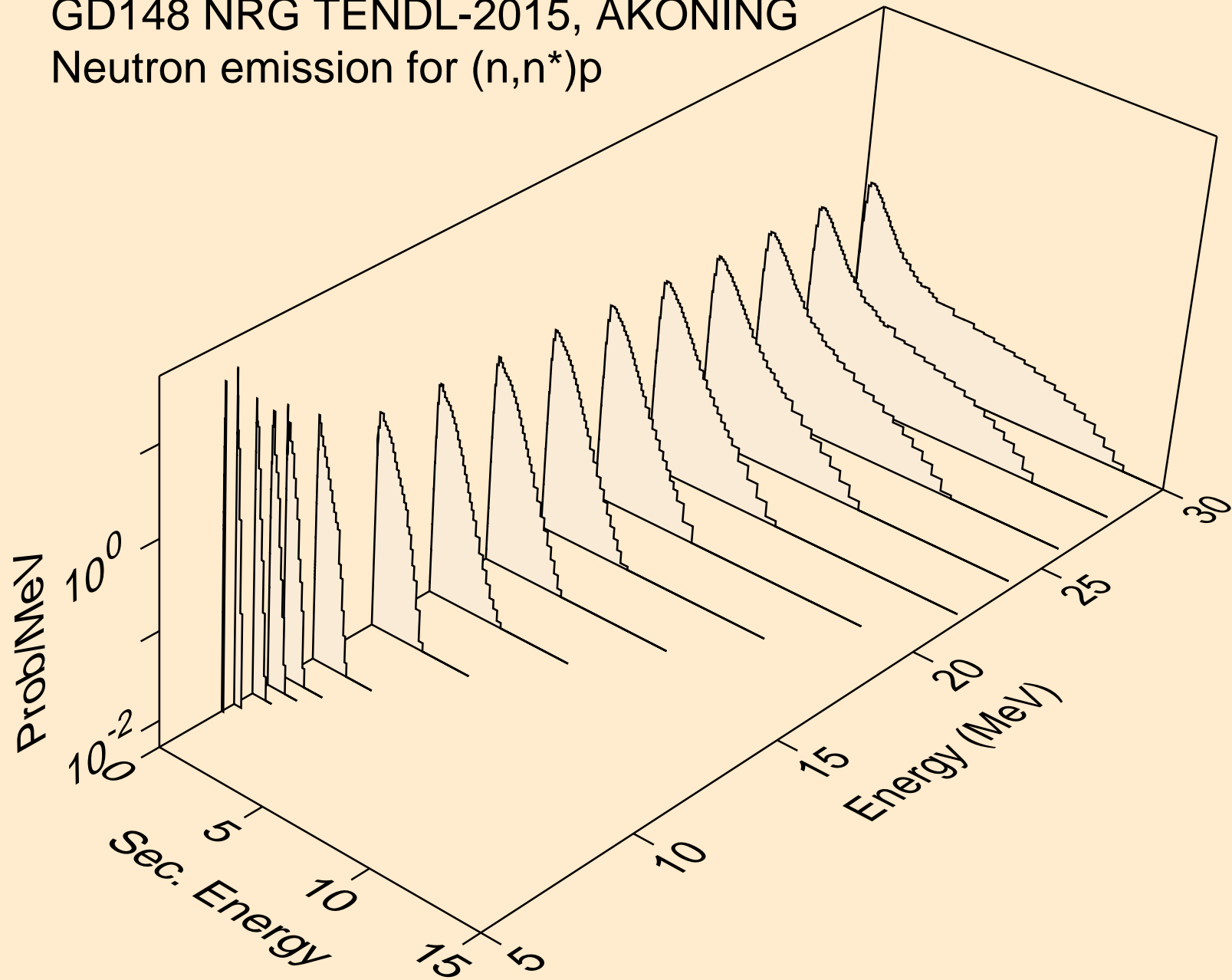
GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



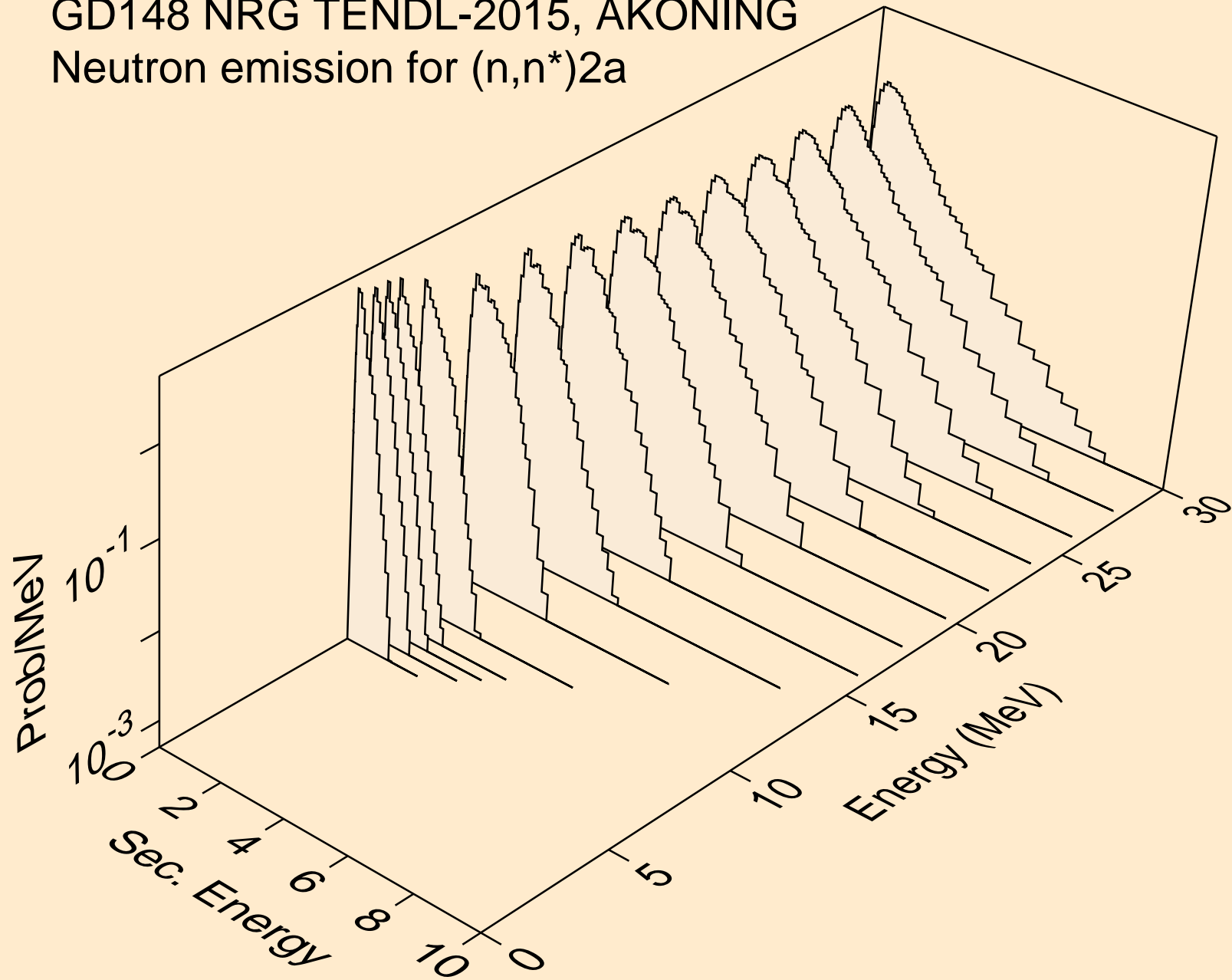
GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



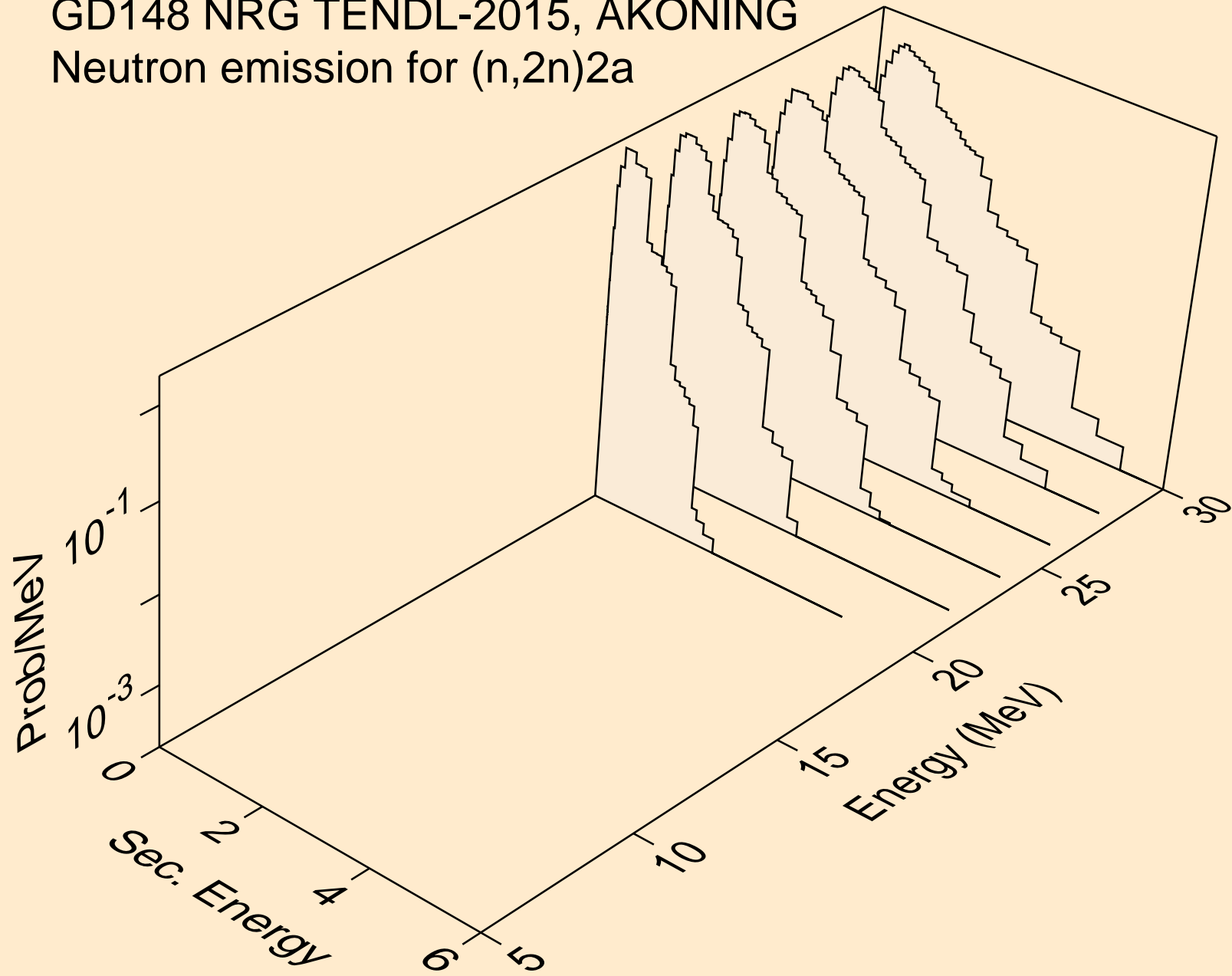
GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

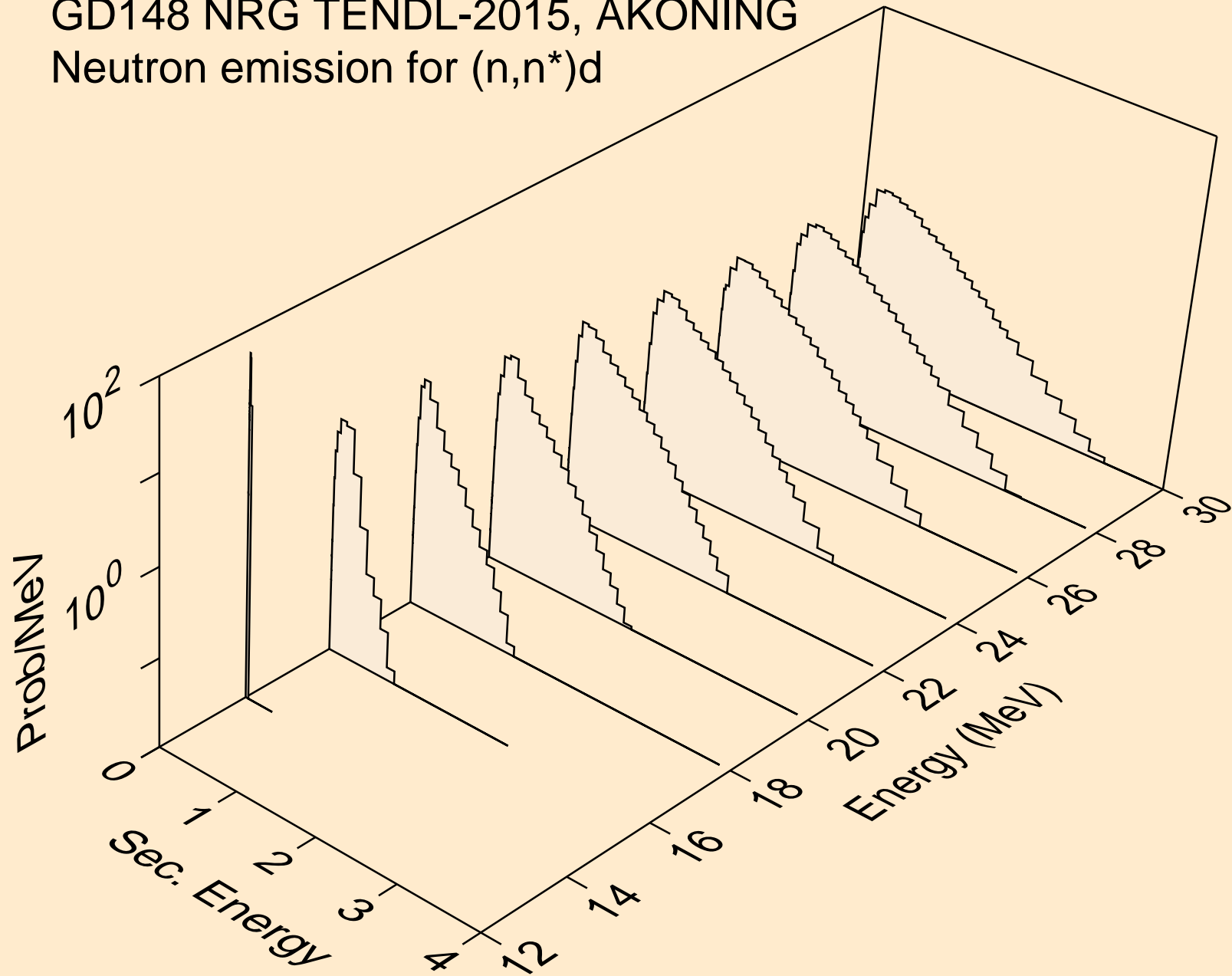


GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

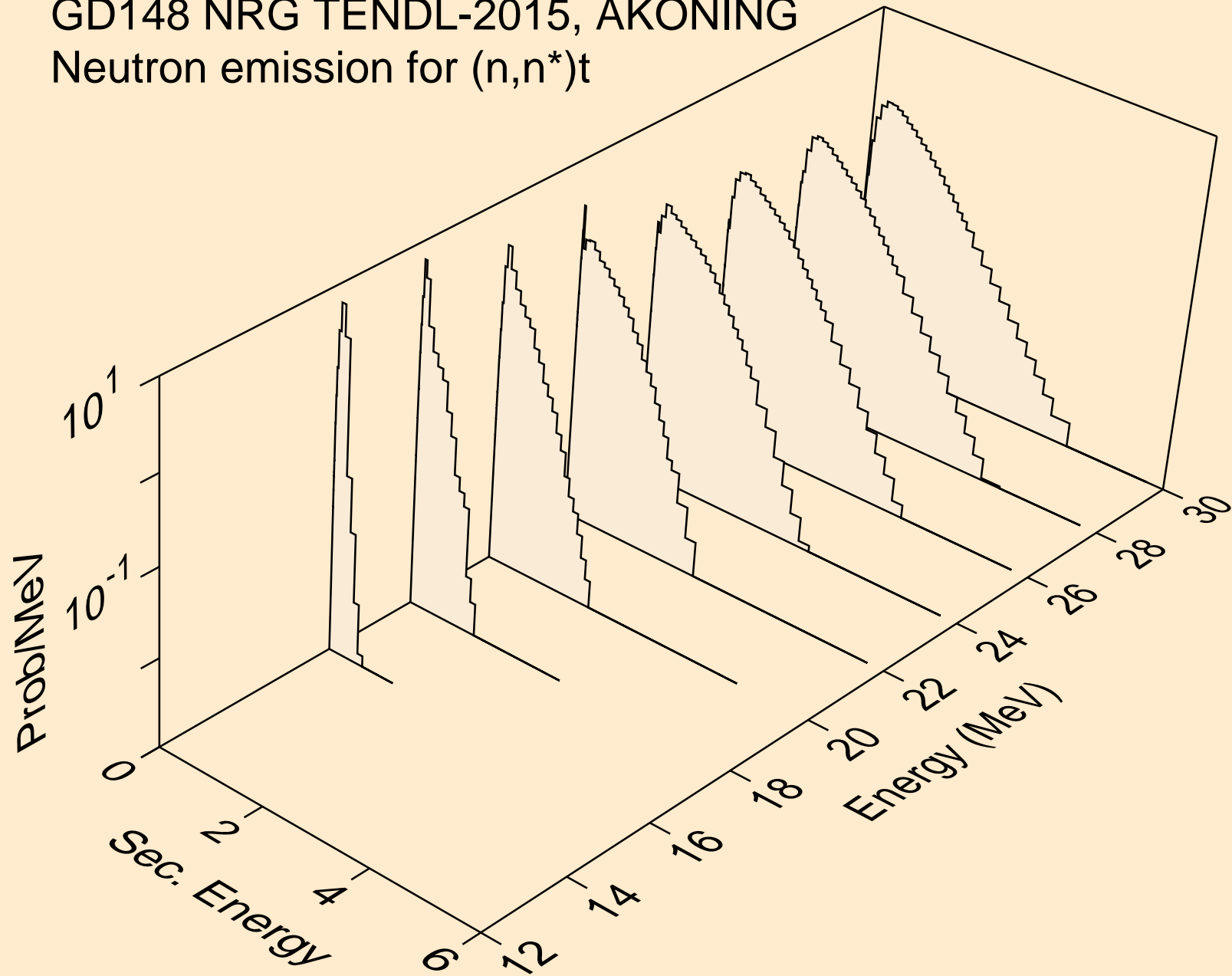




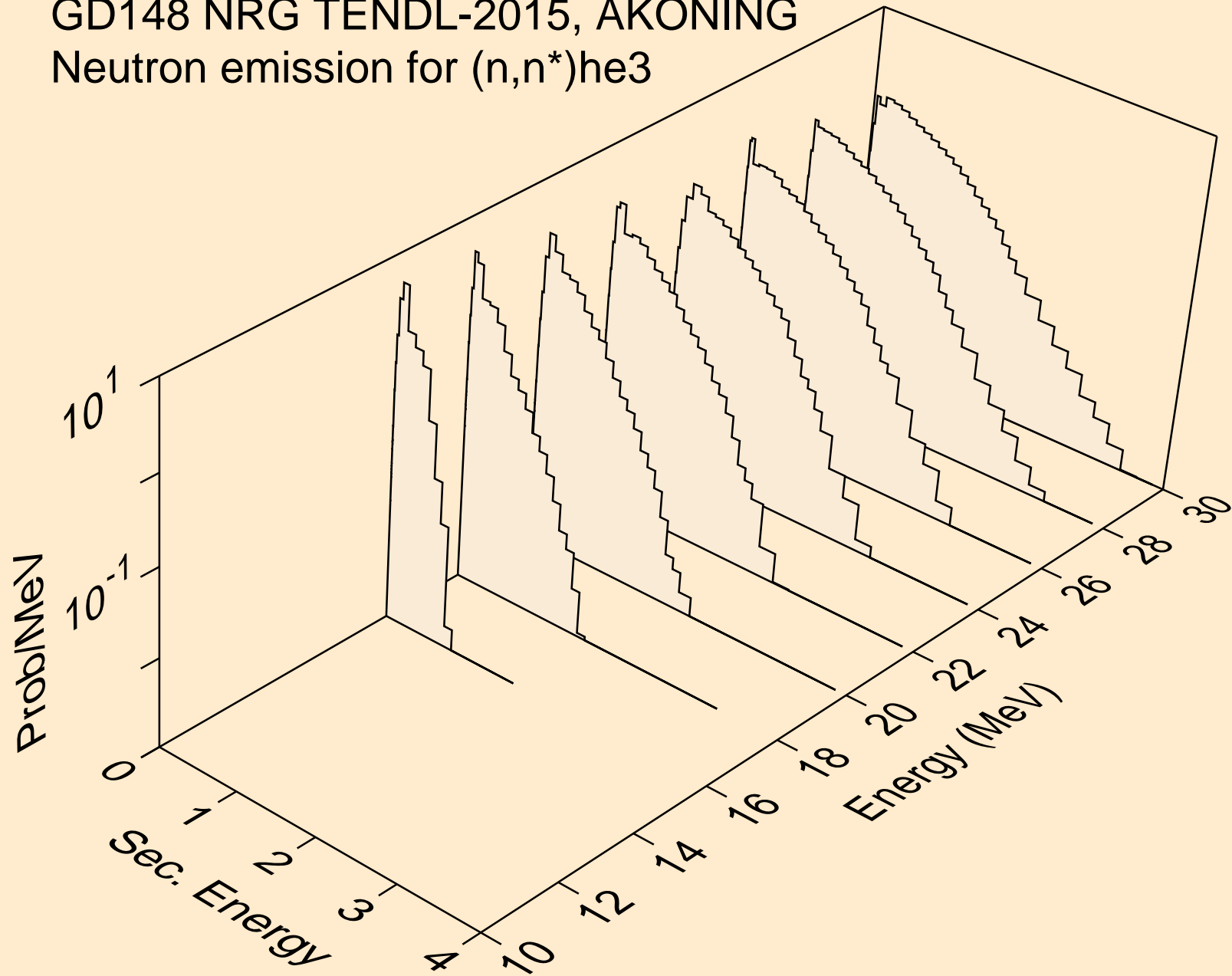
GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



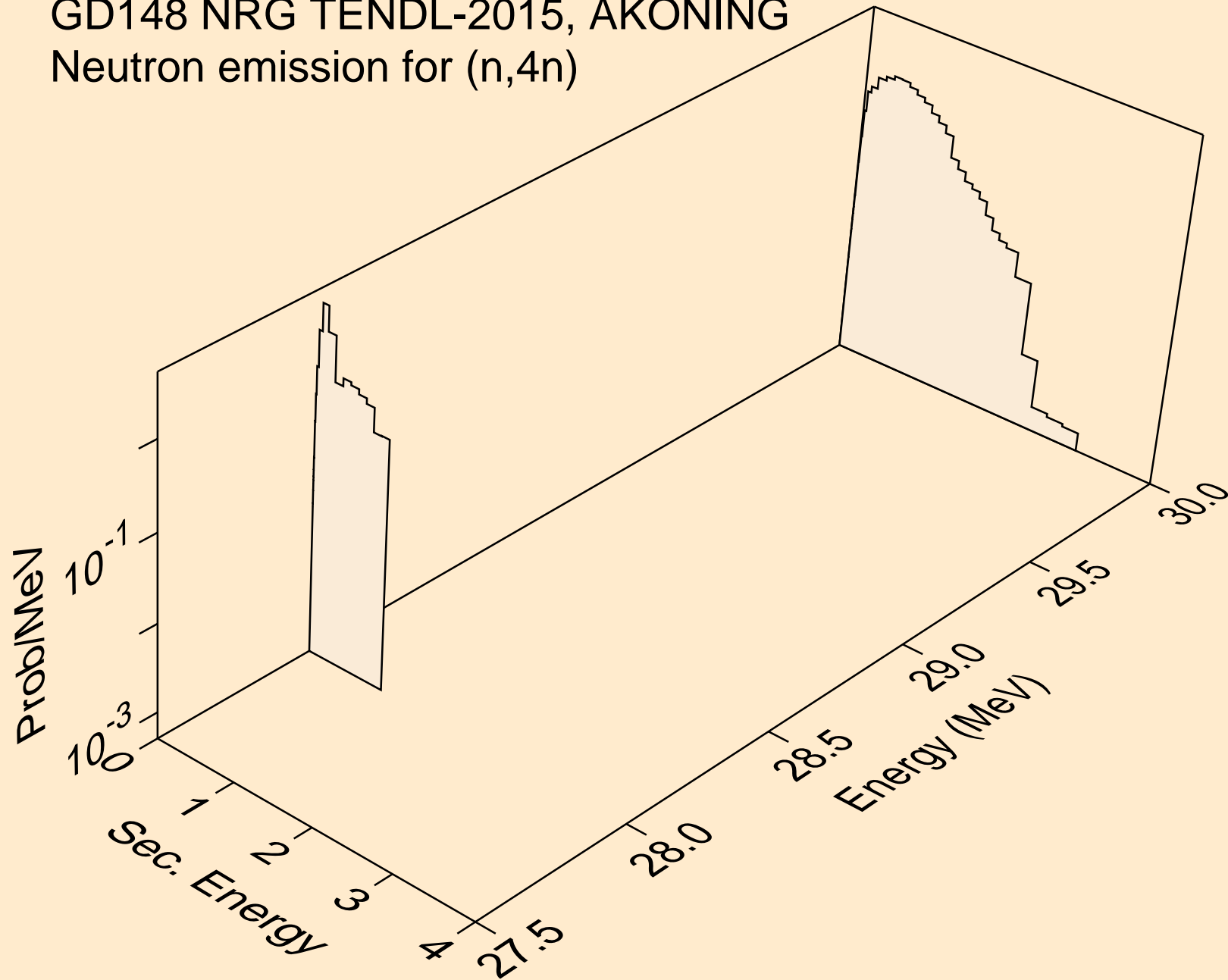
GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



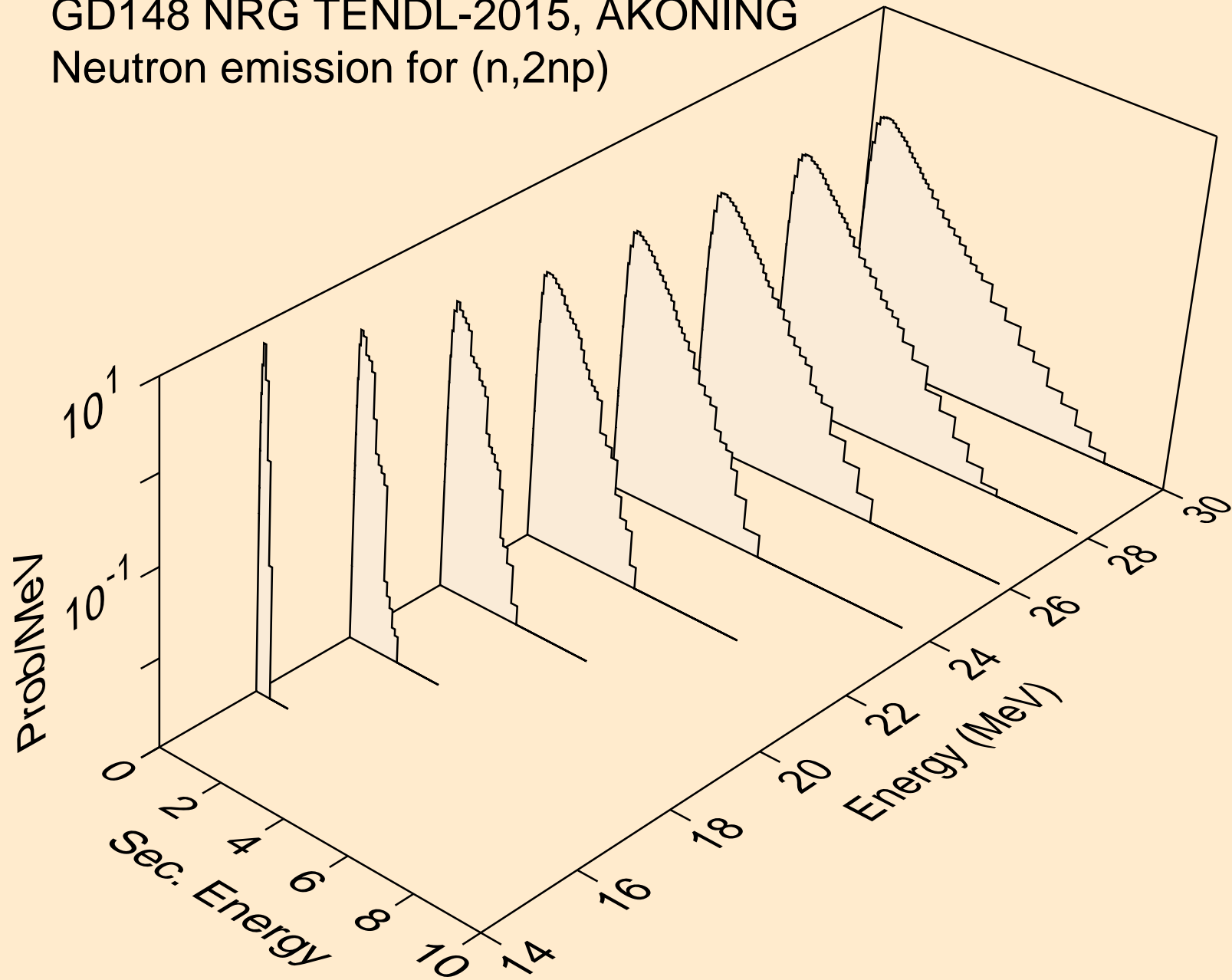
GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



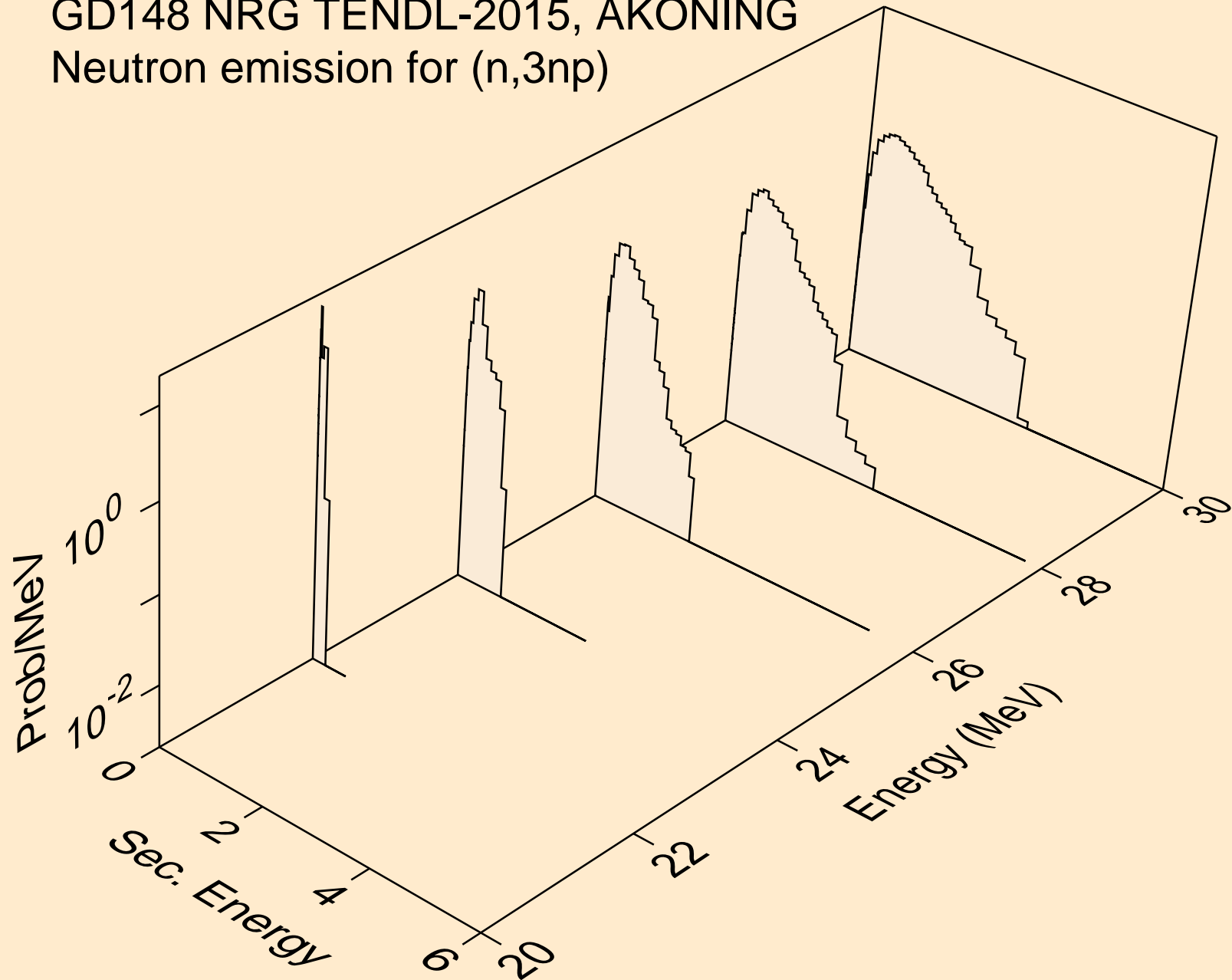
GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



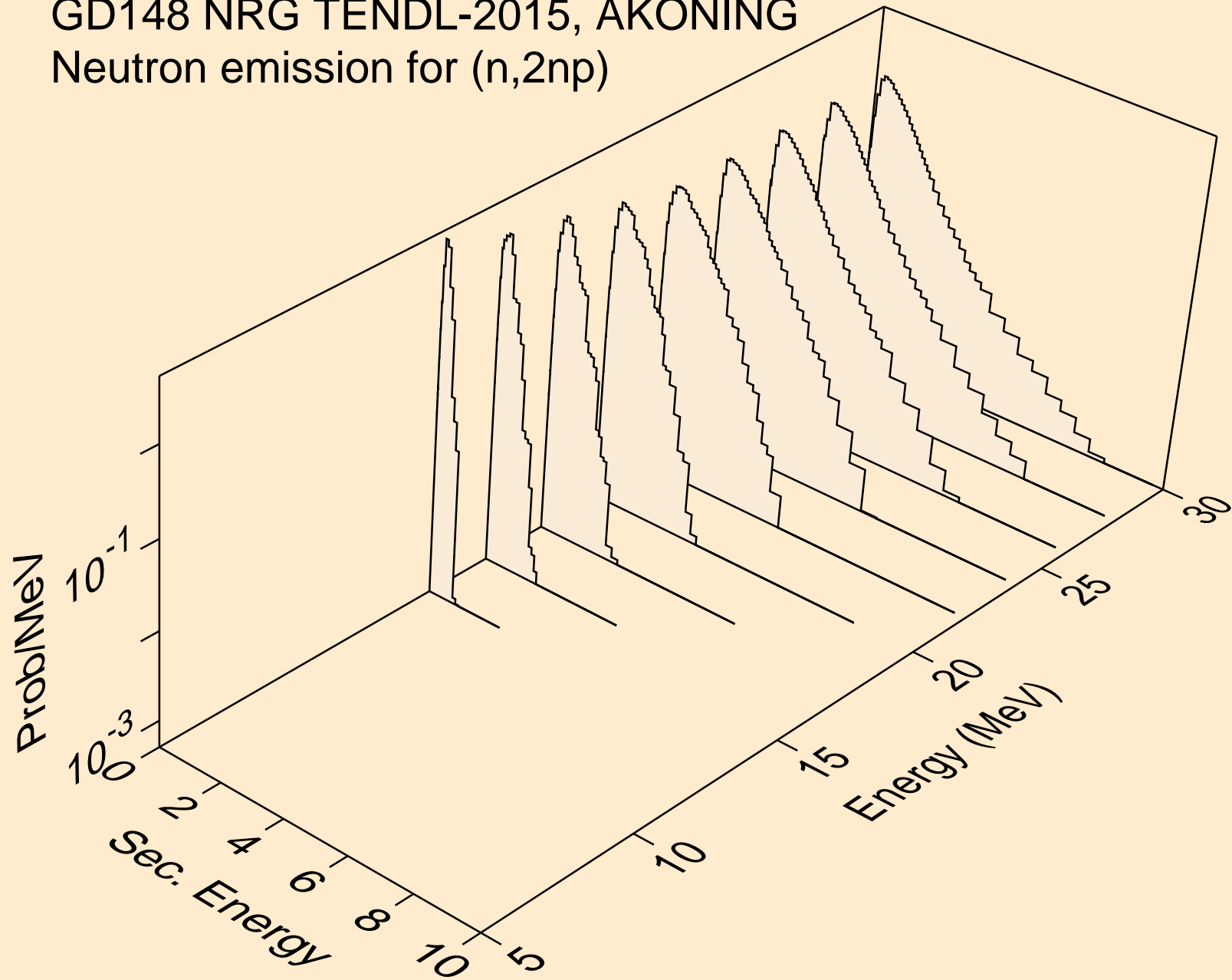
GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



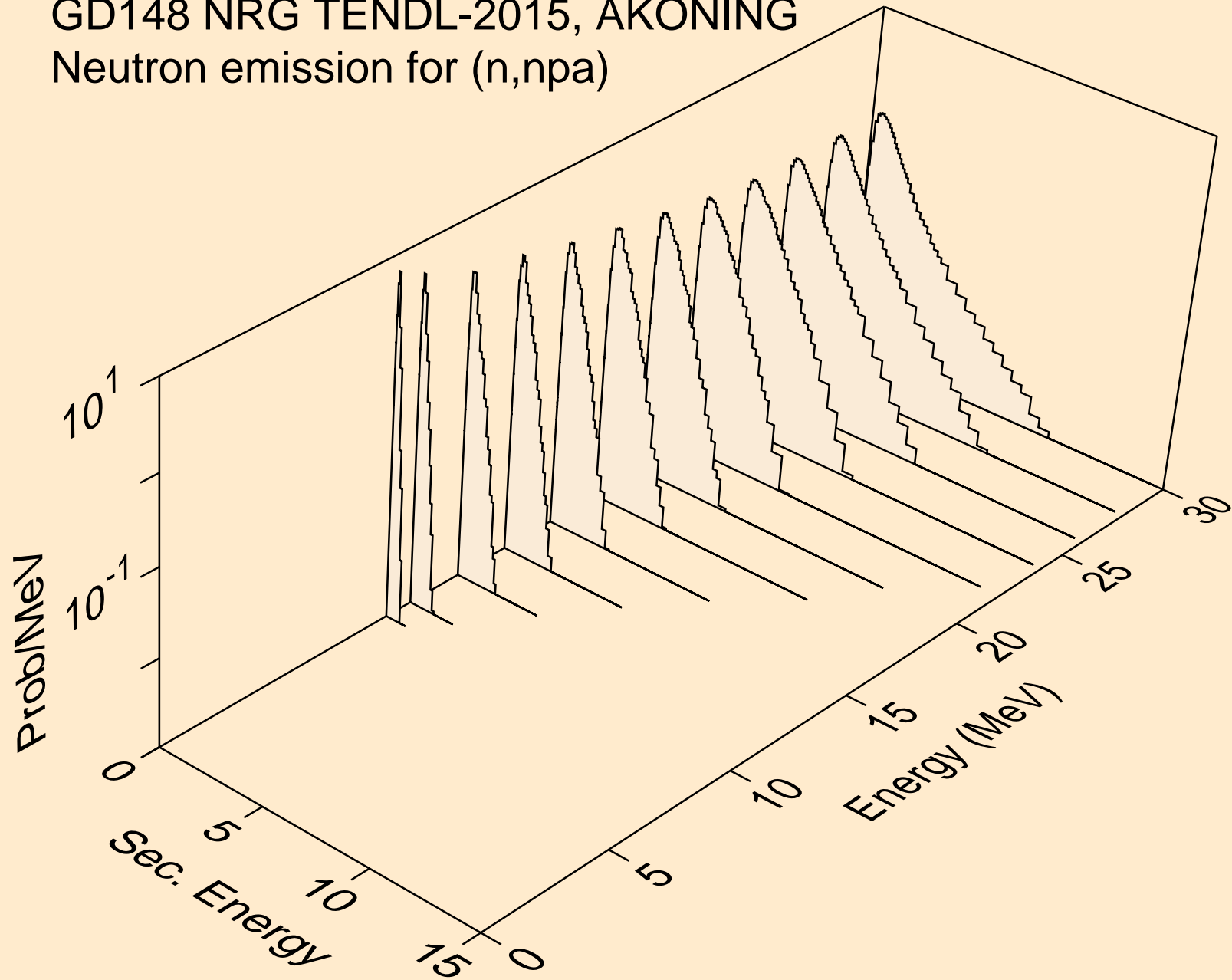
GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

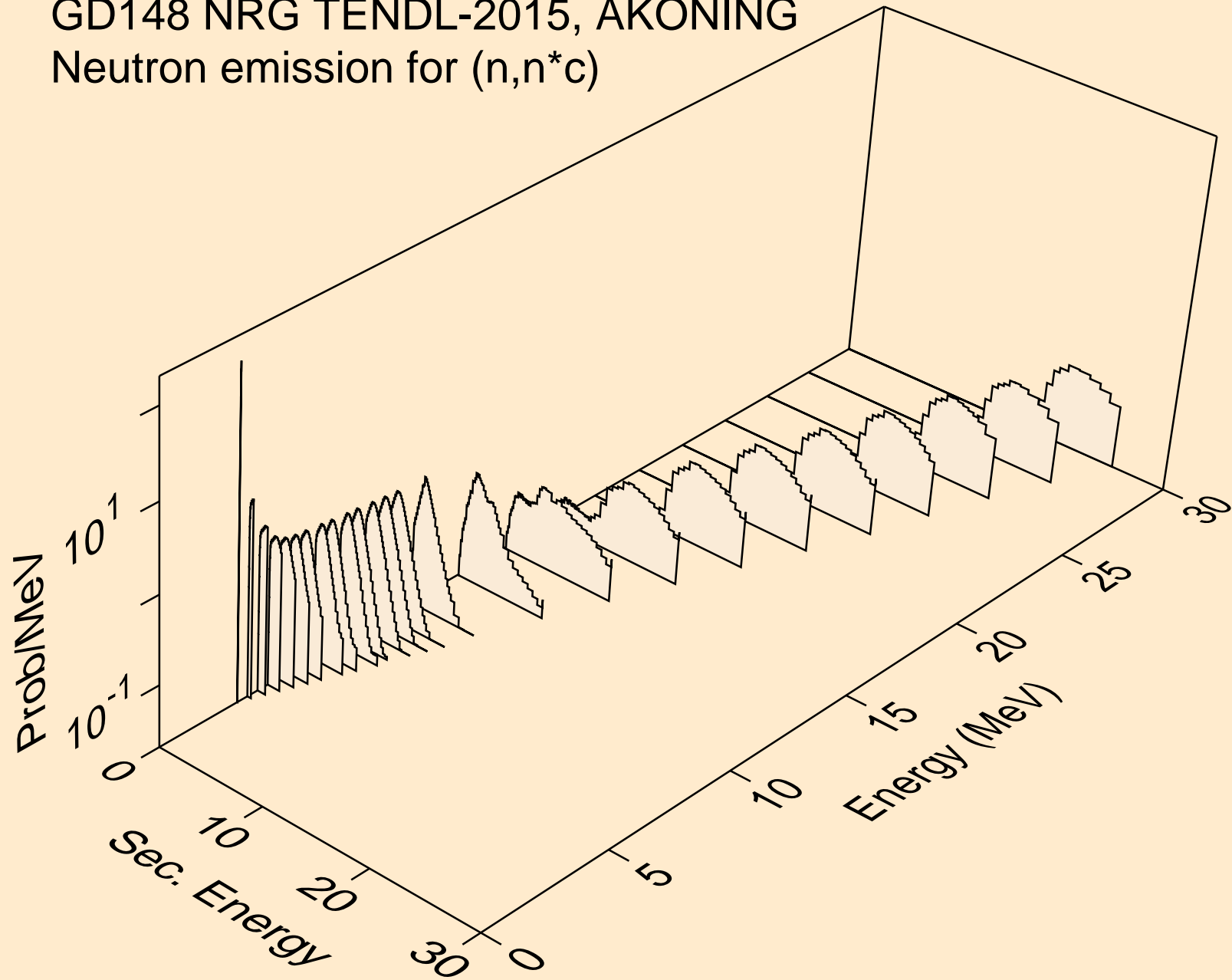


GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

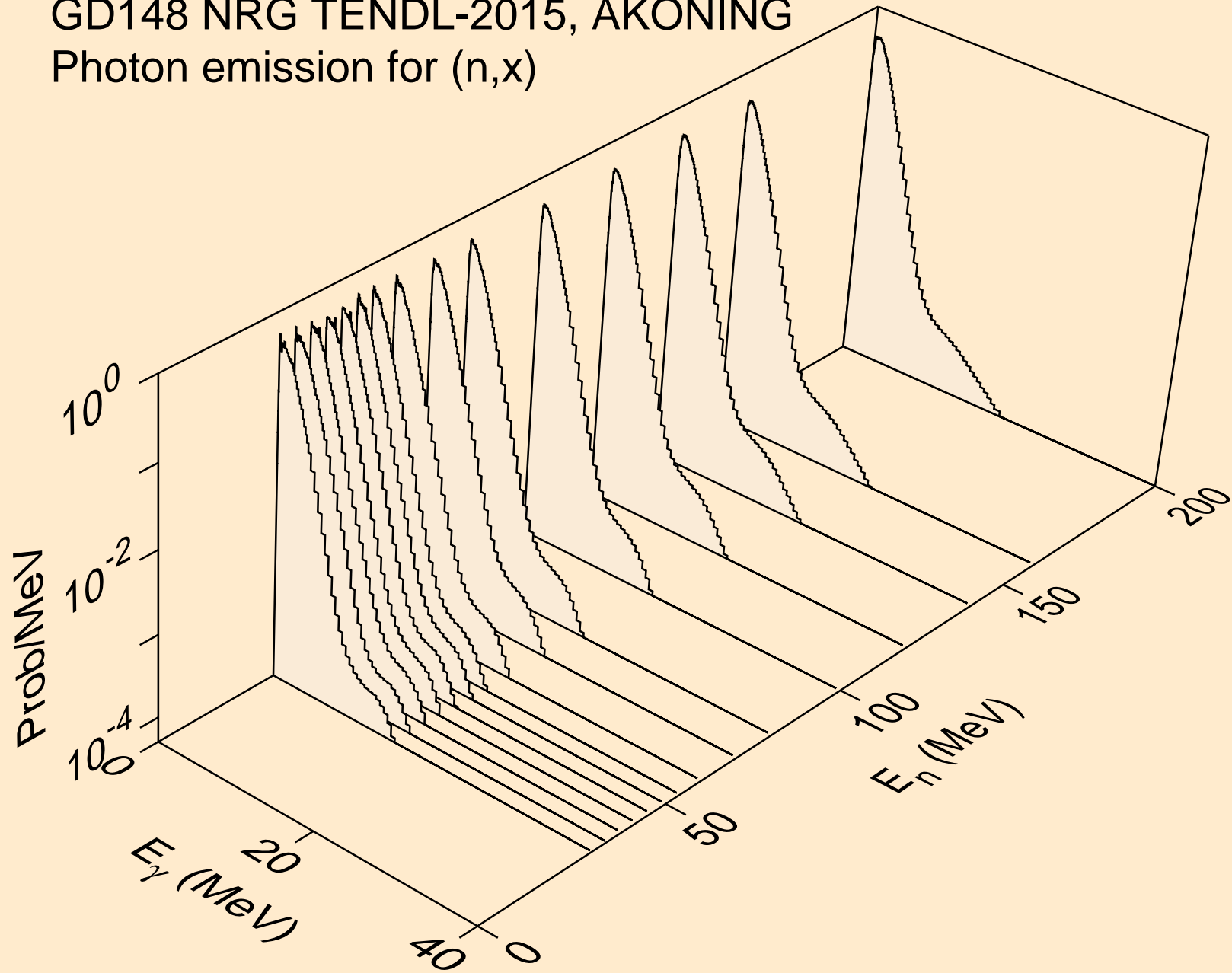




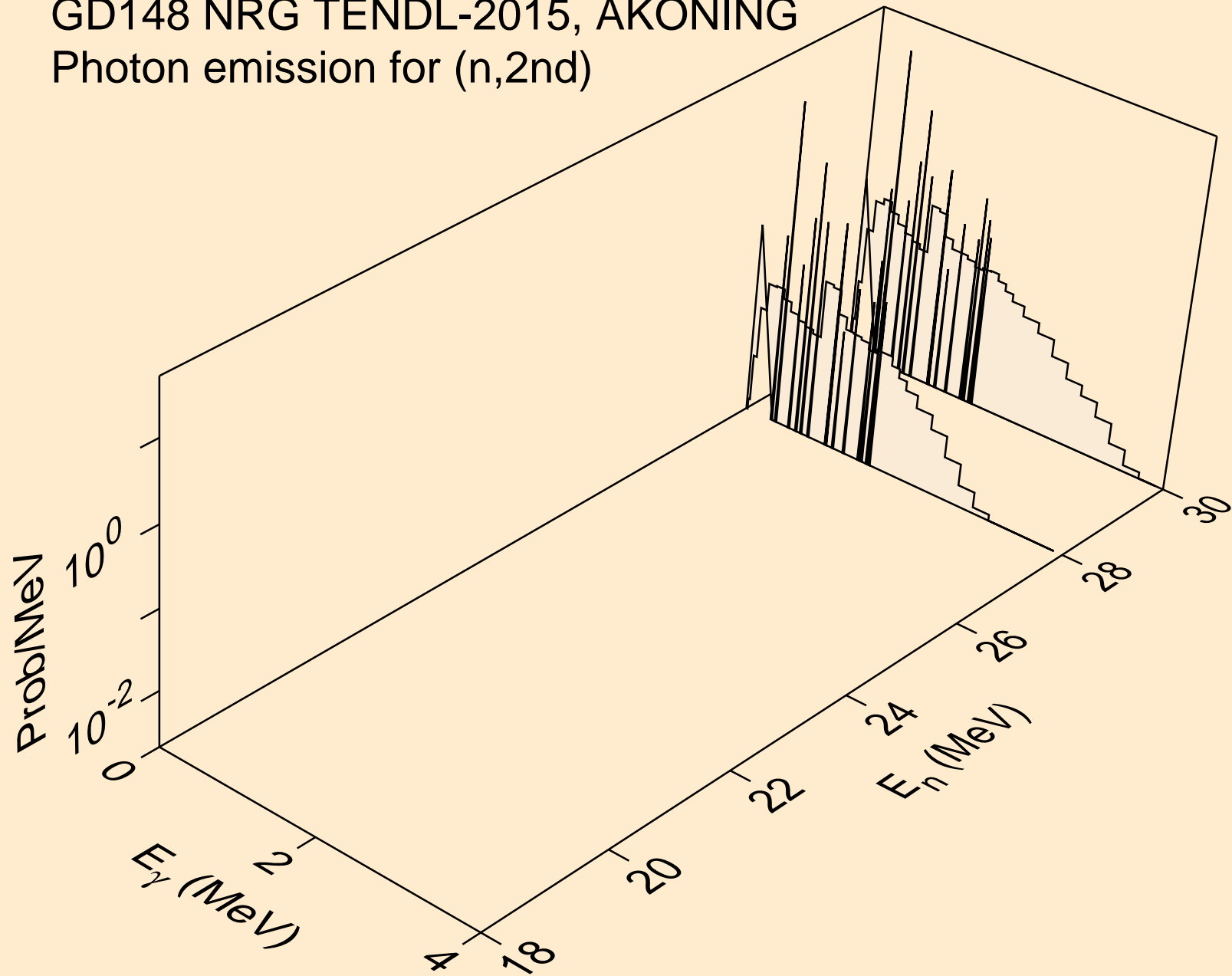
GD148 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



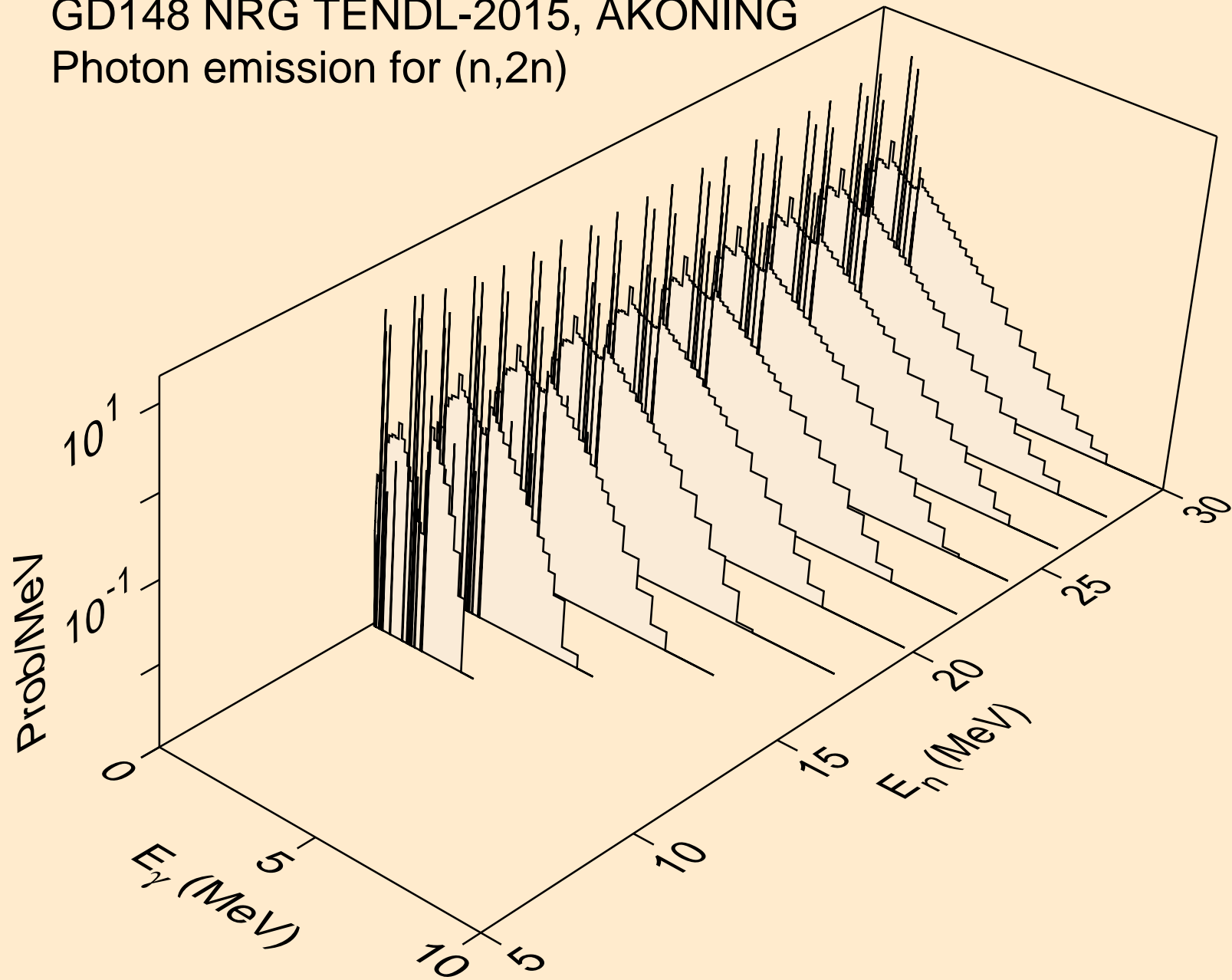
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



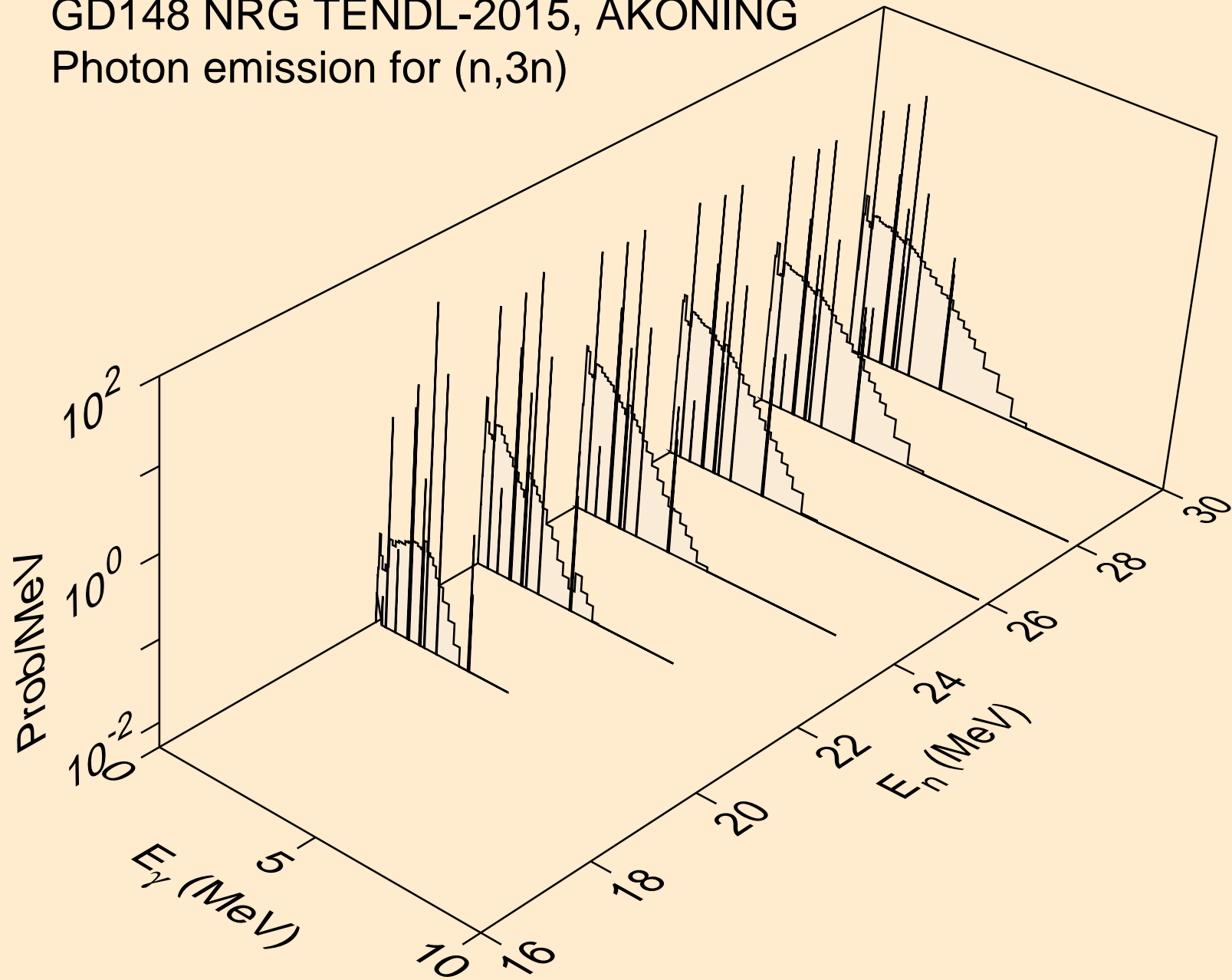
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



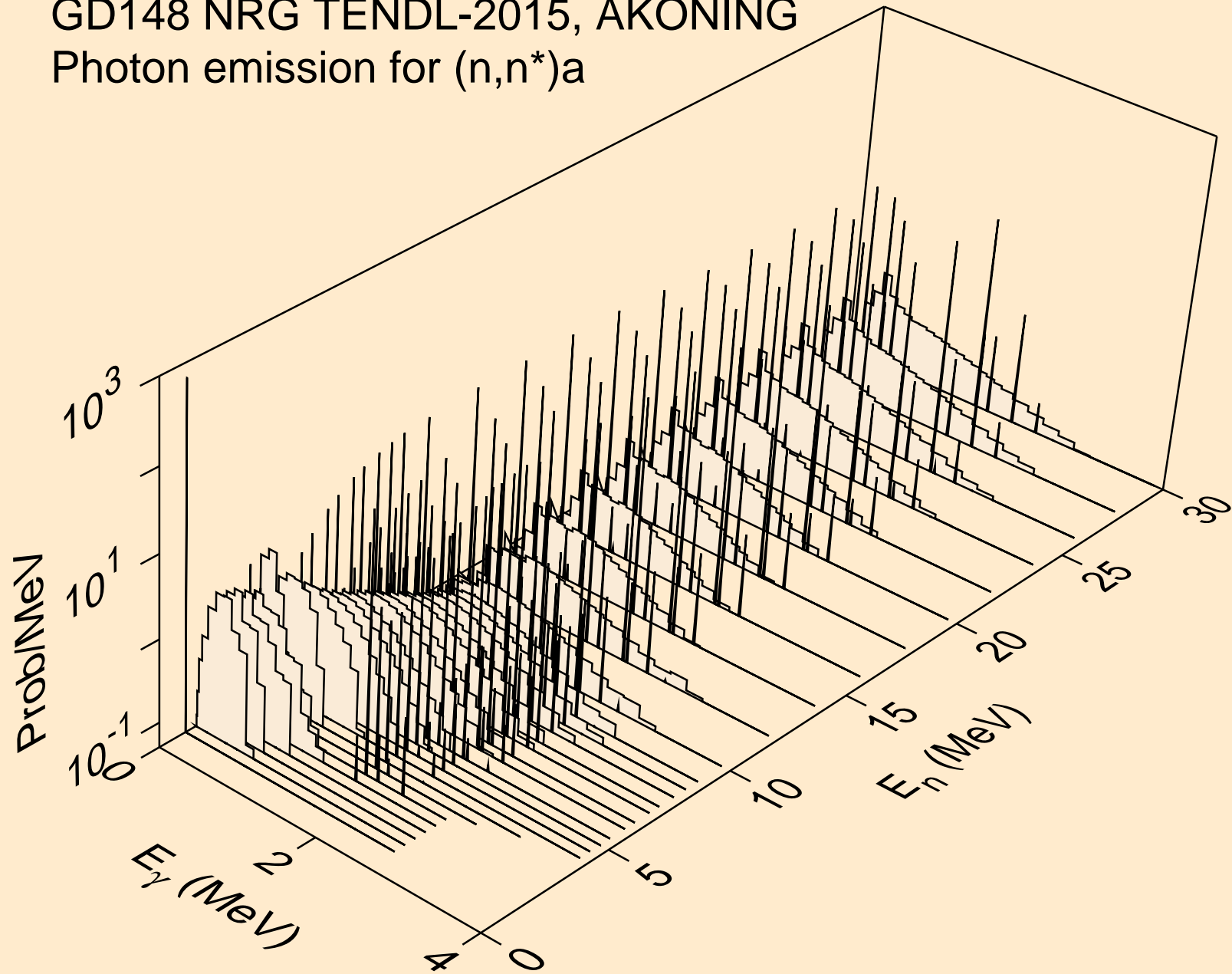
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



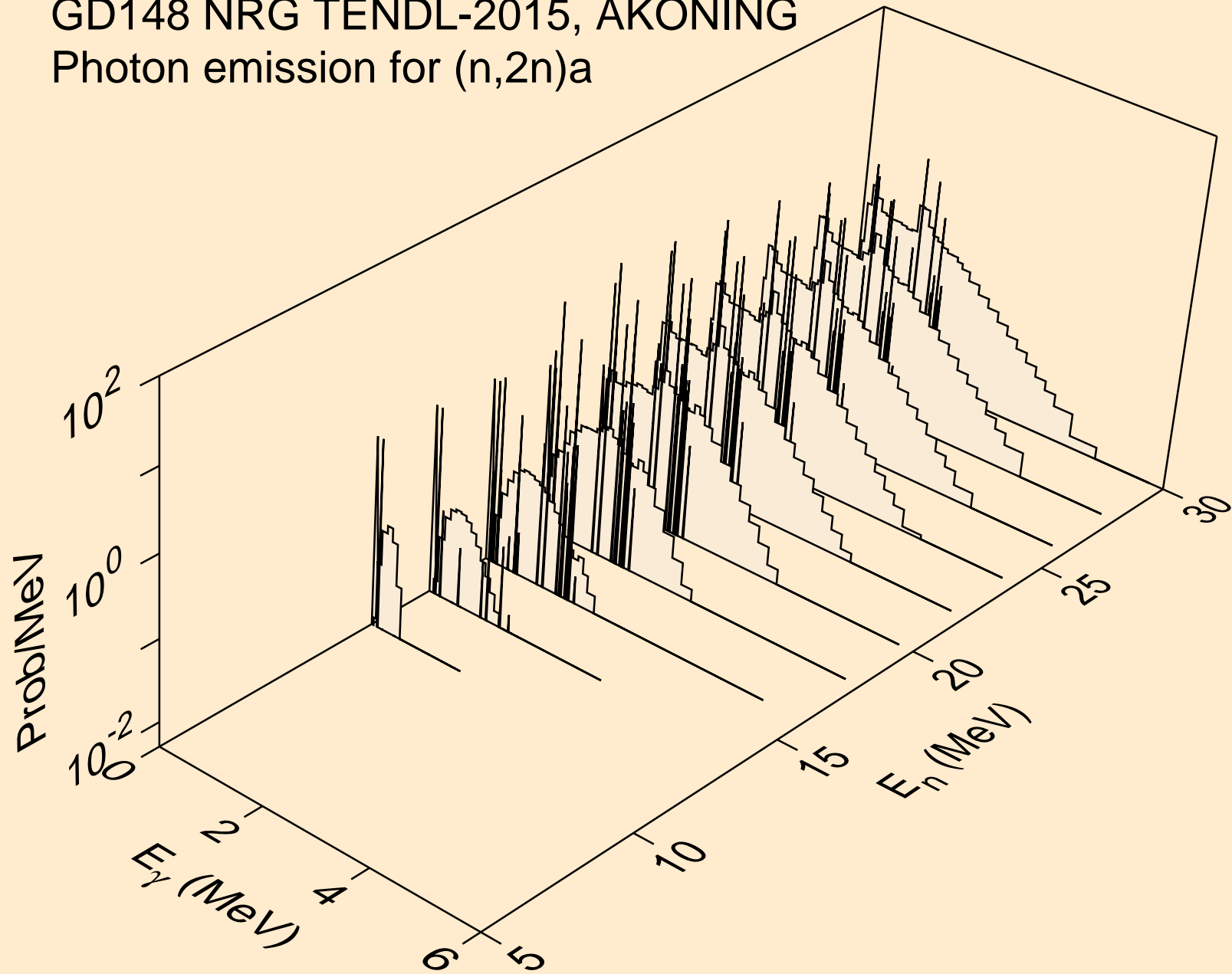
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



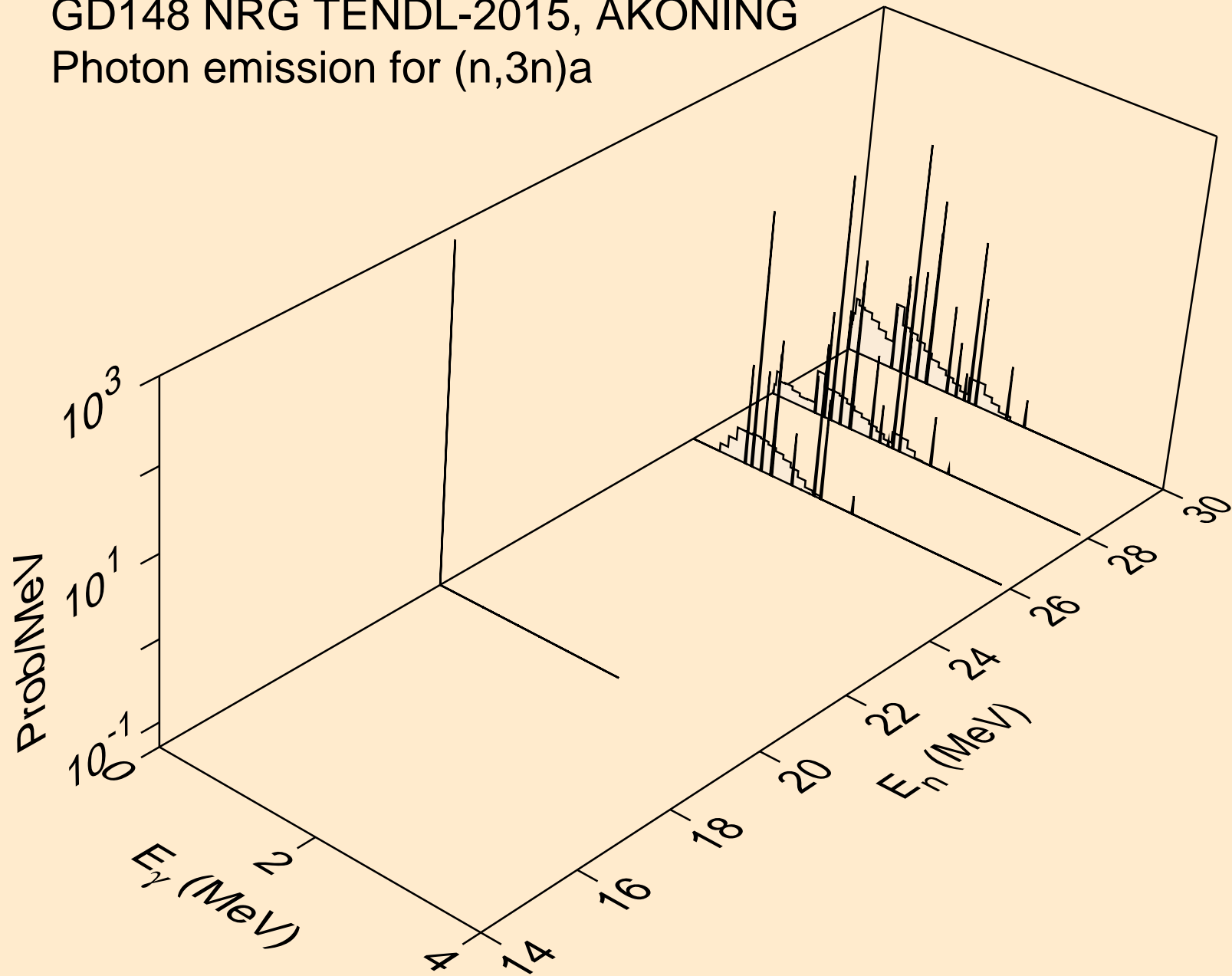
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

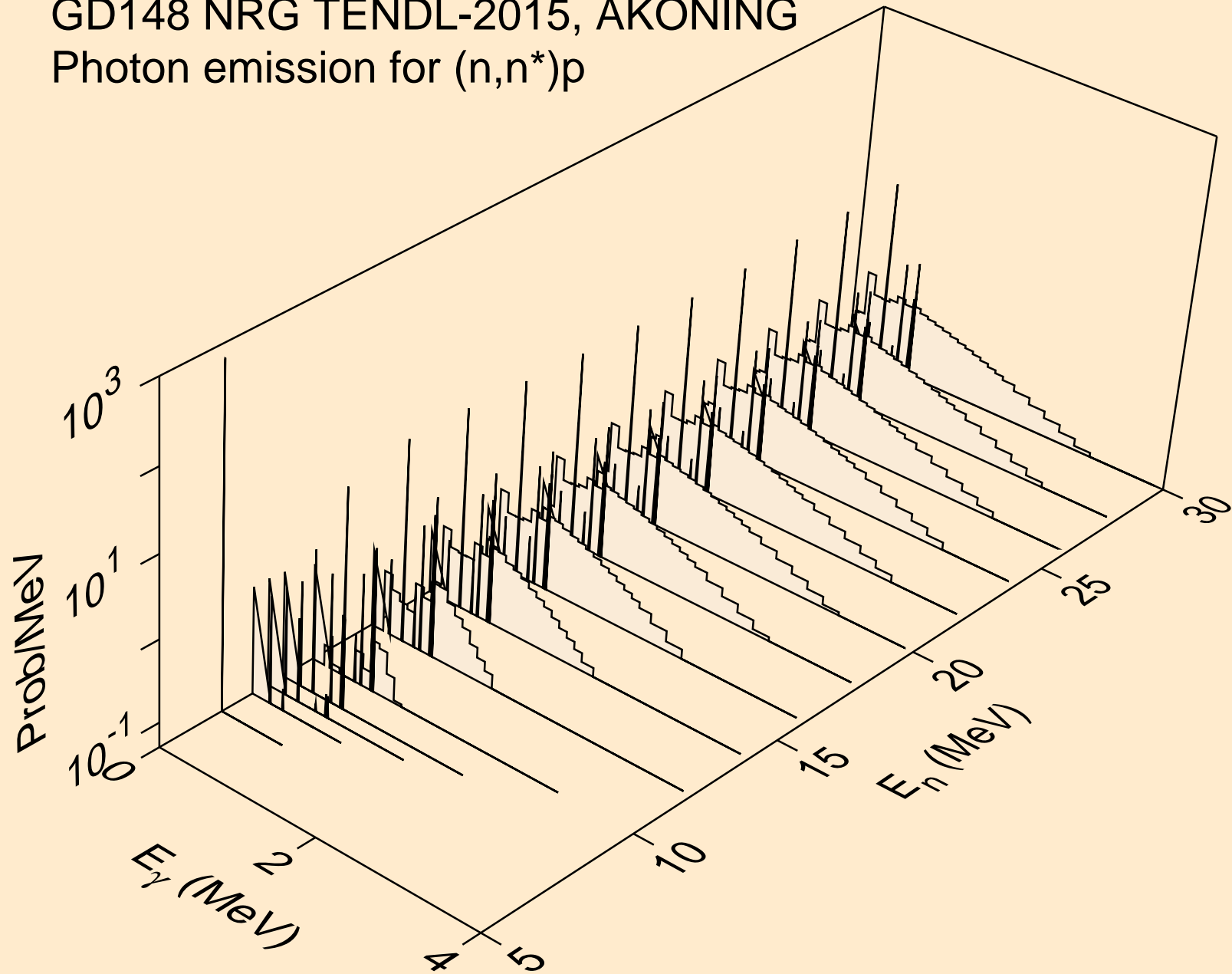


GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

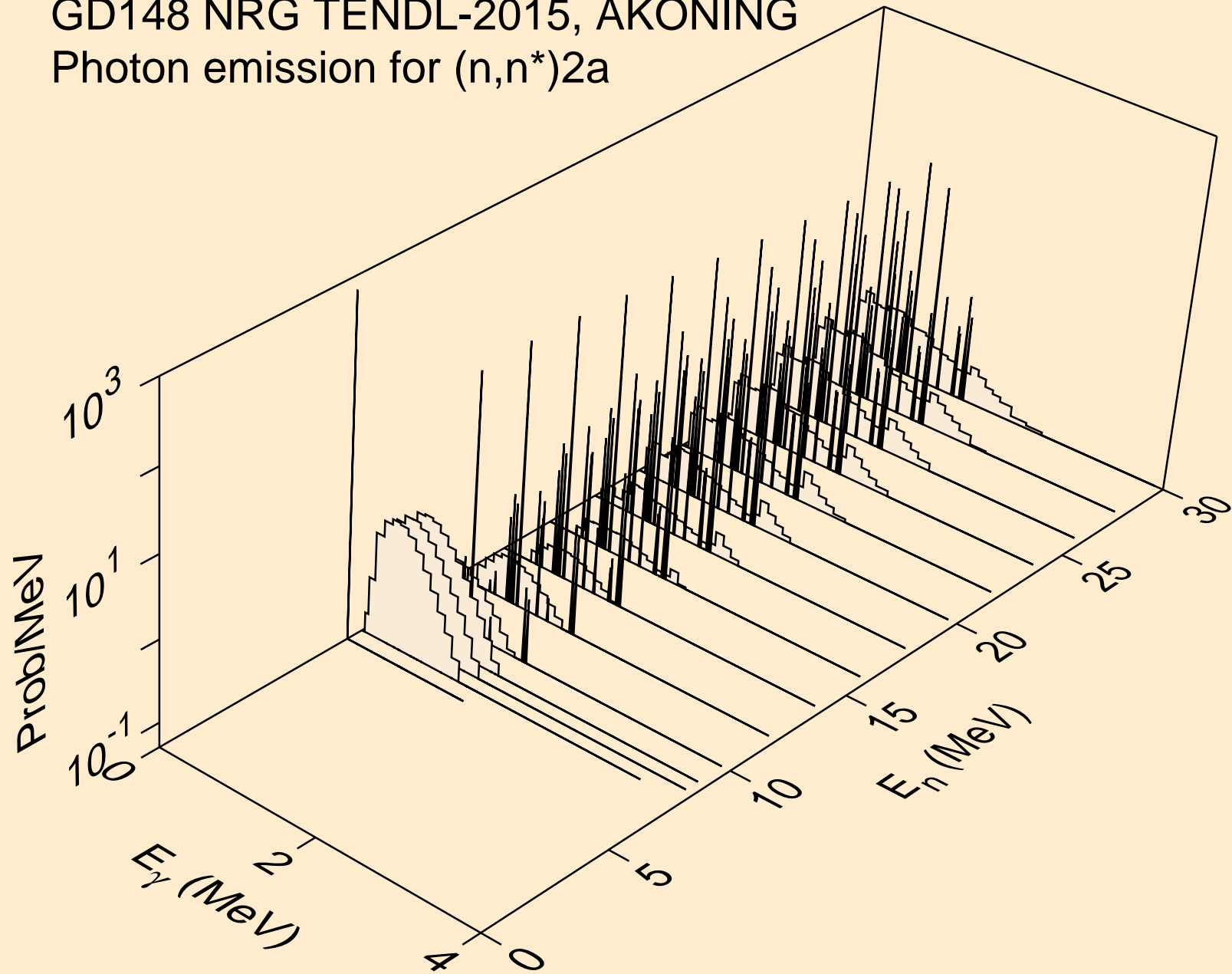




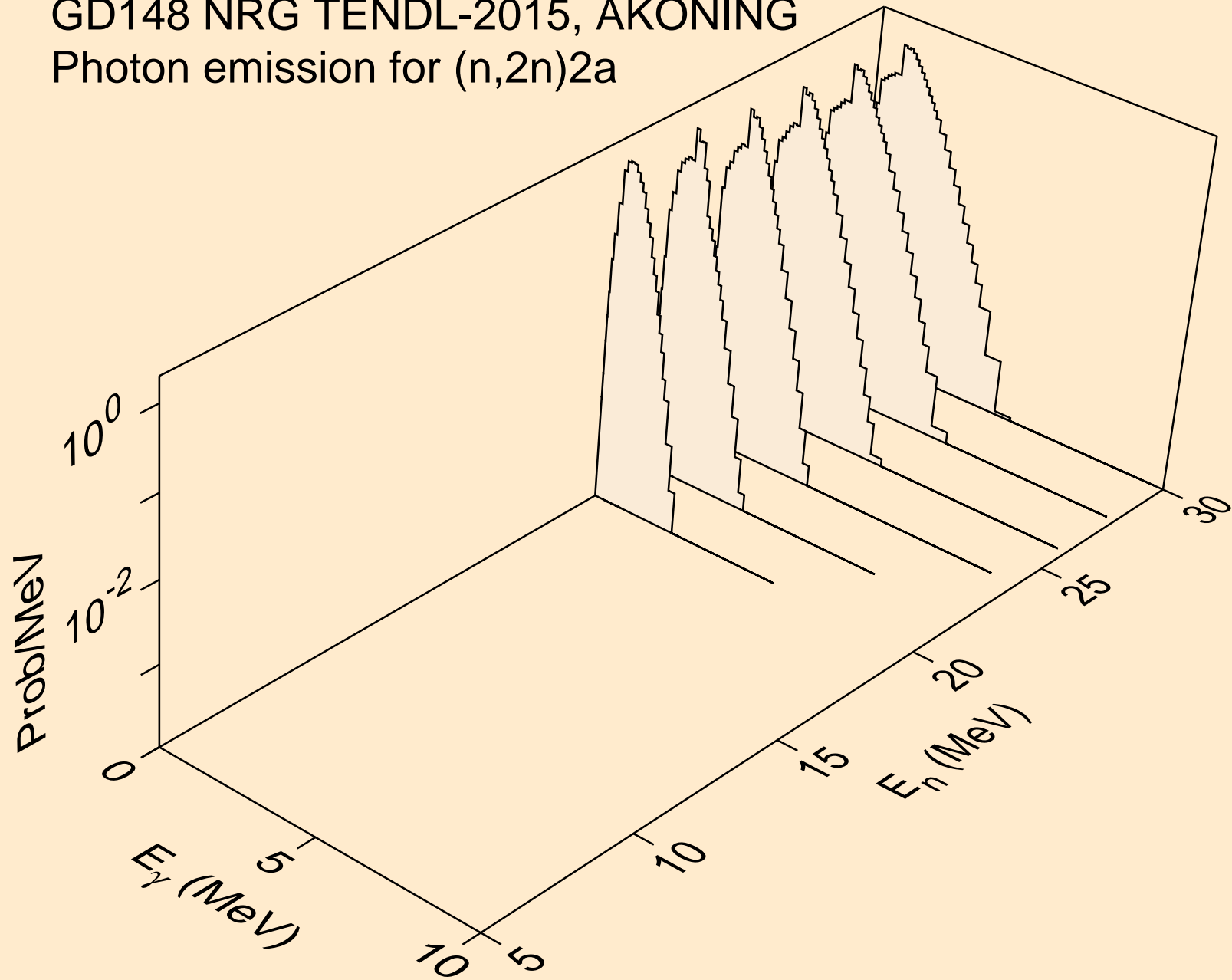
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



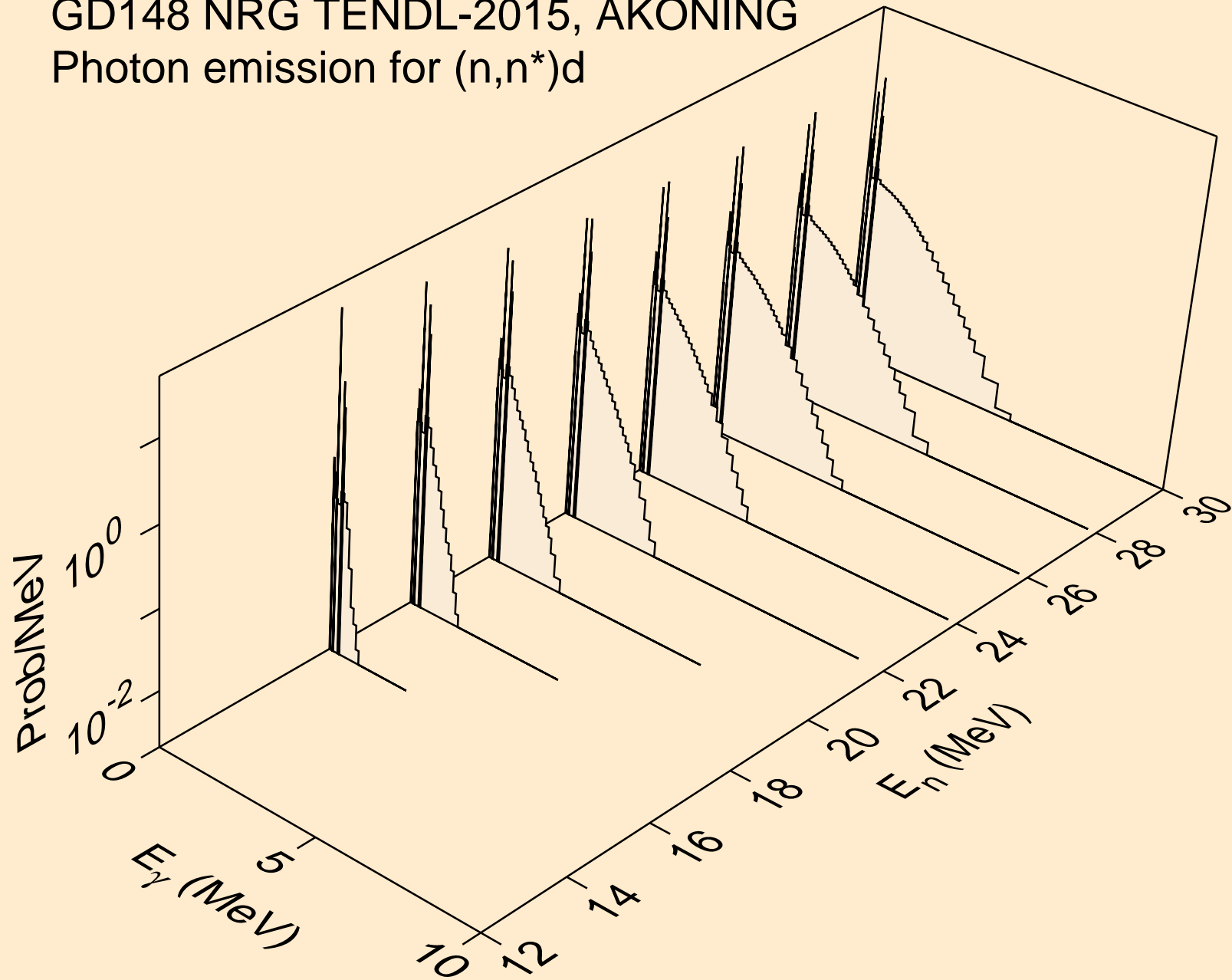
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



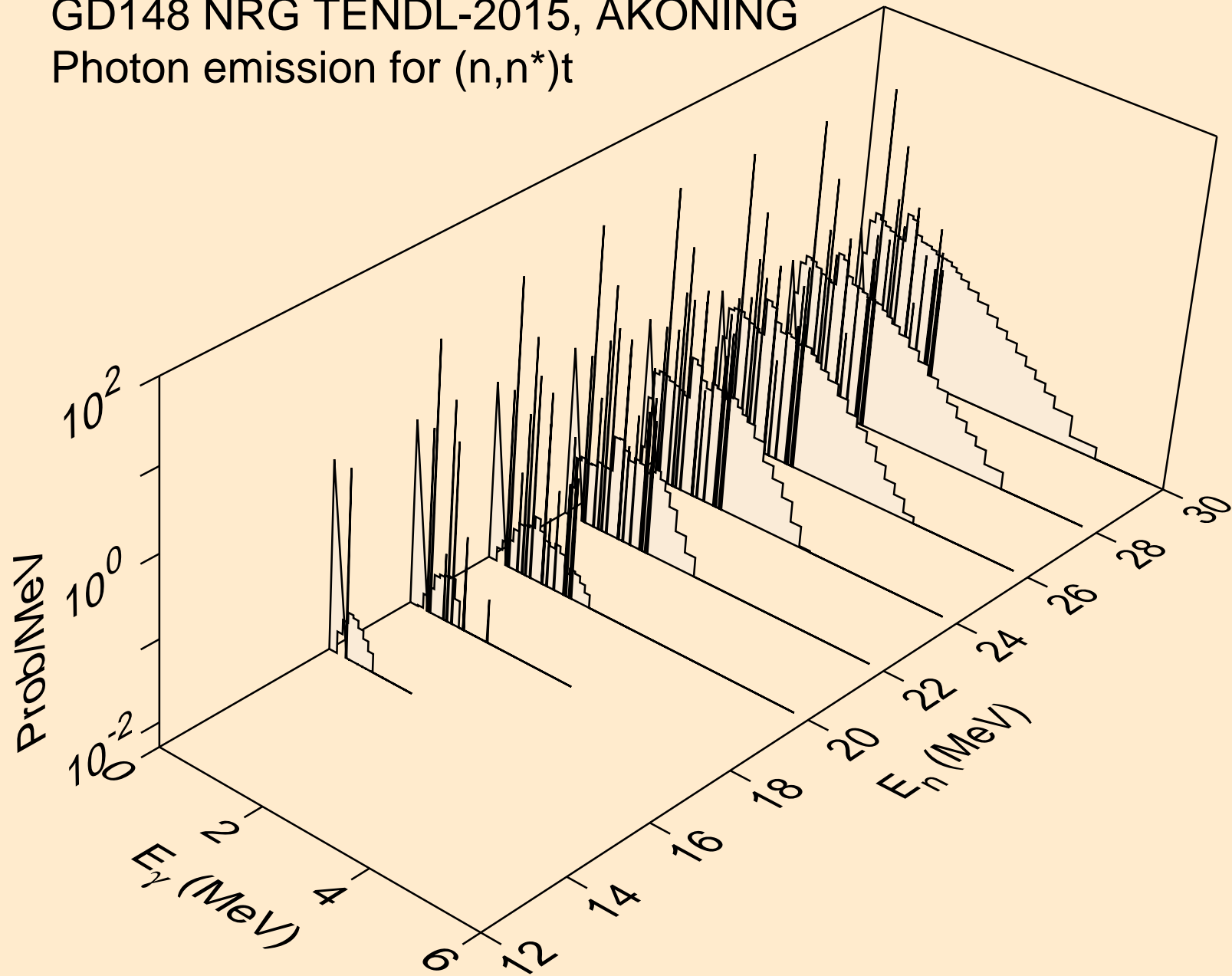
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



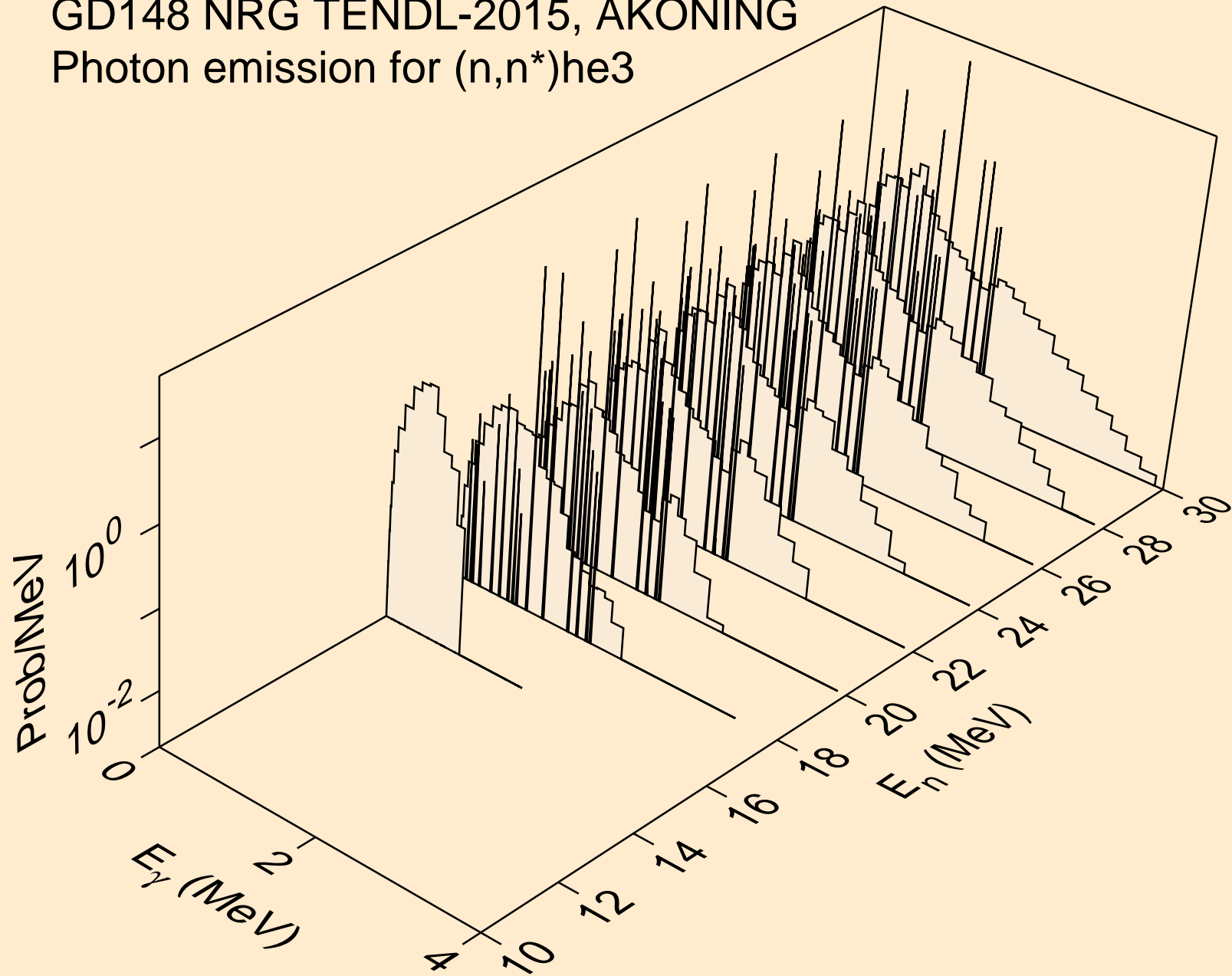
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



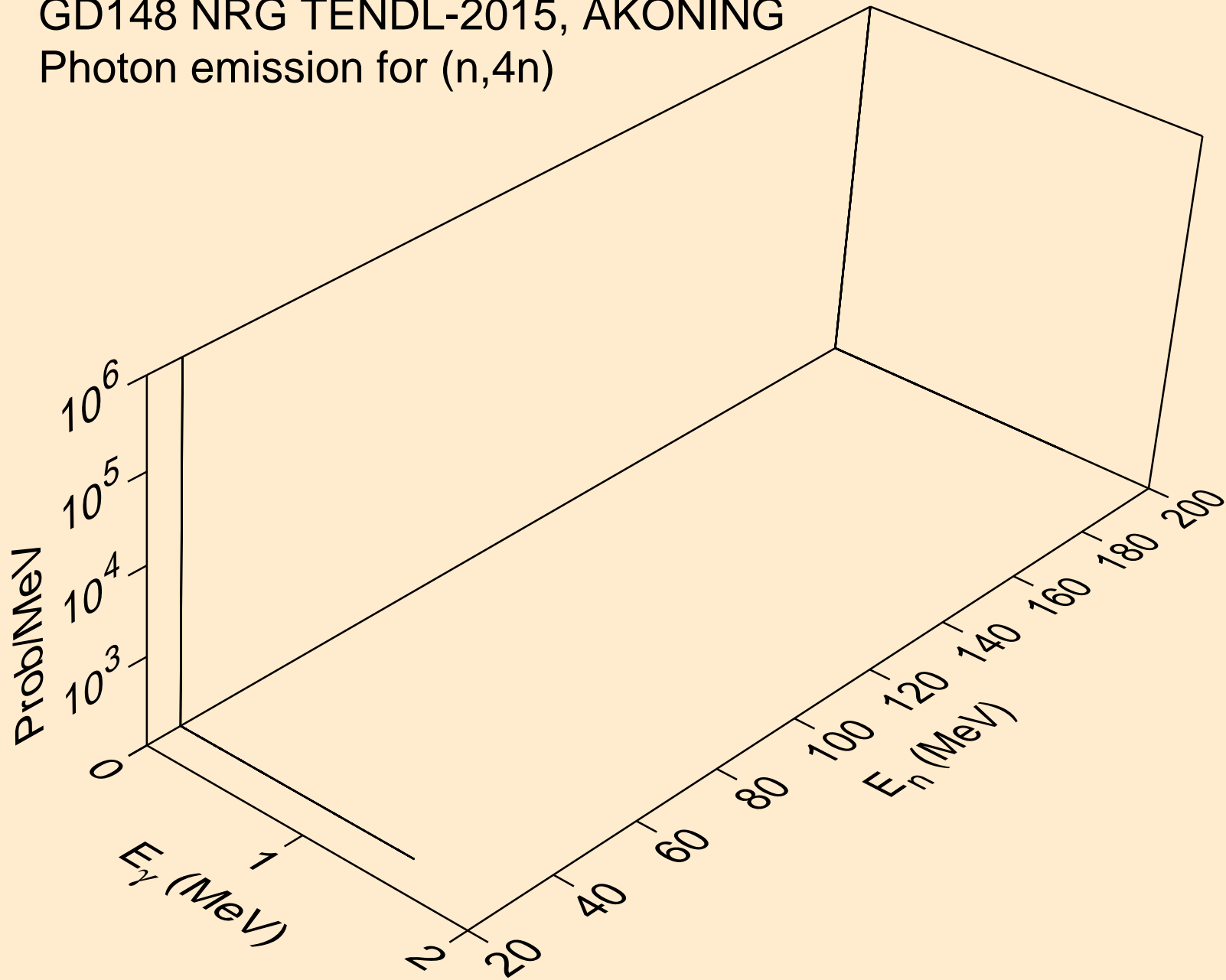
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



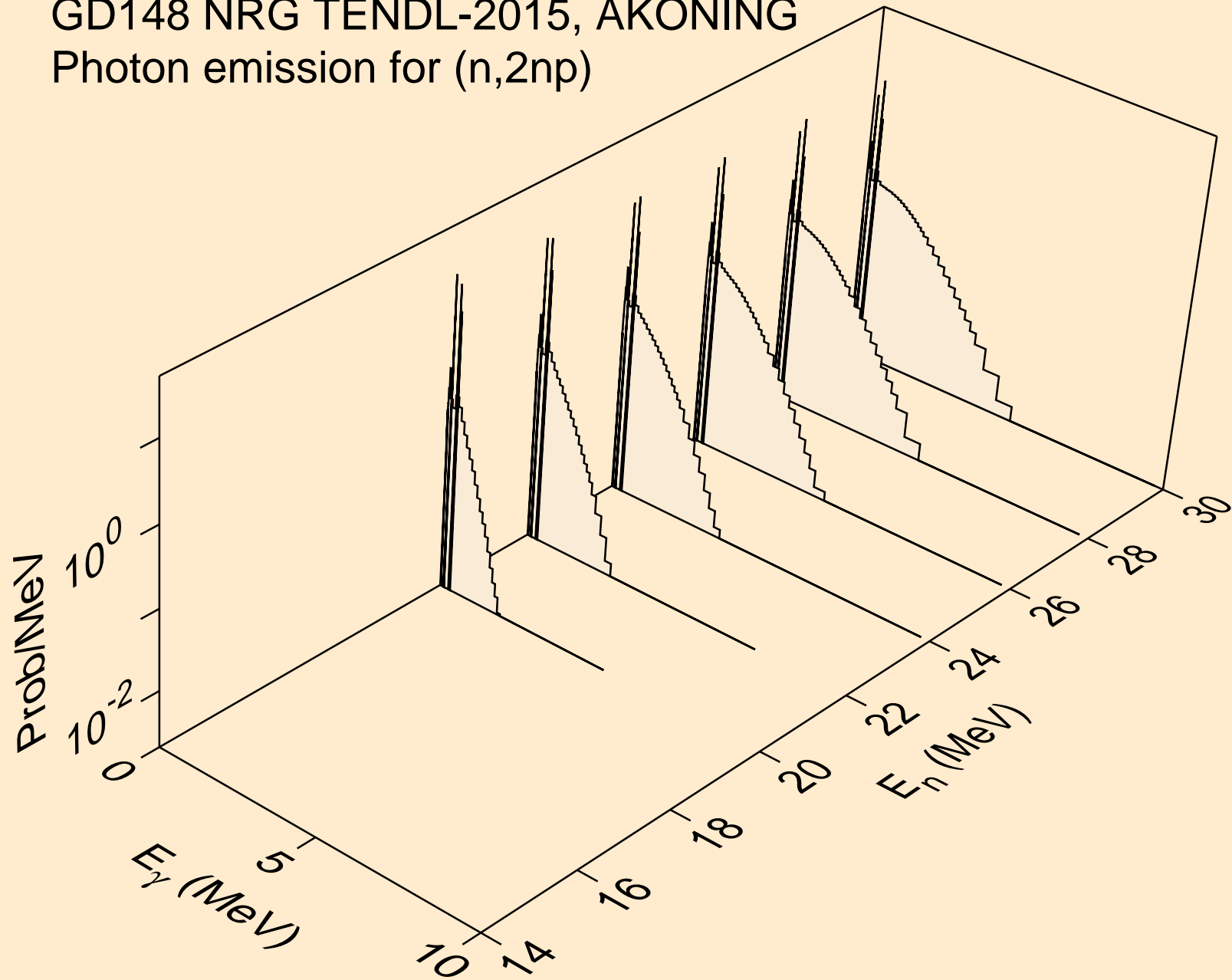
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

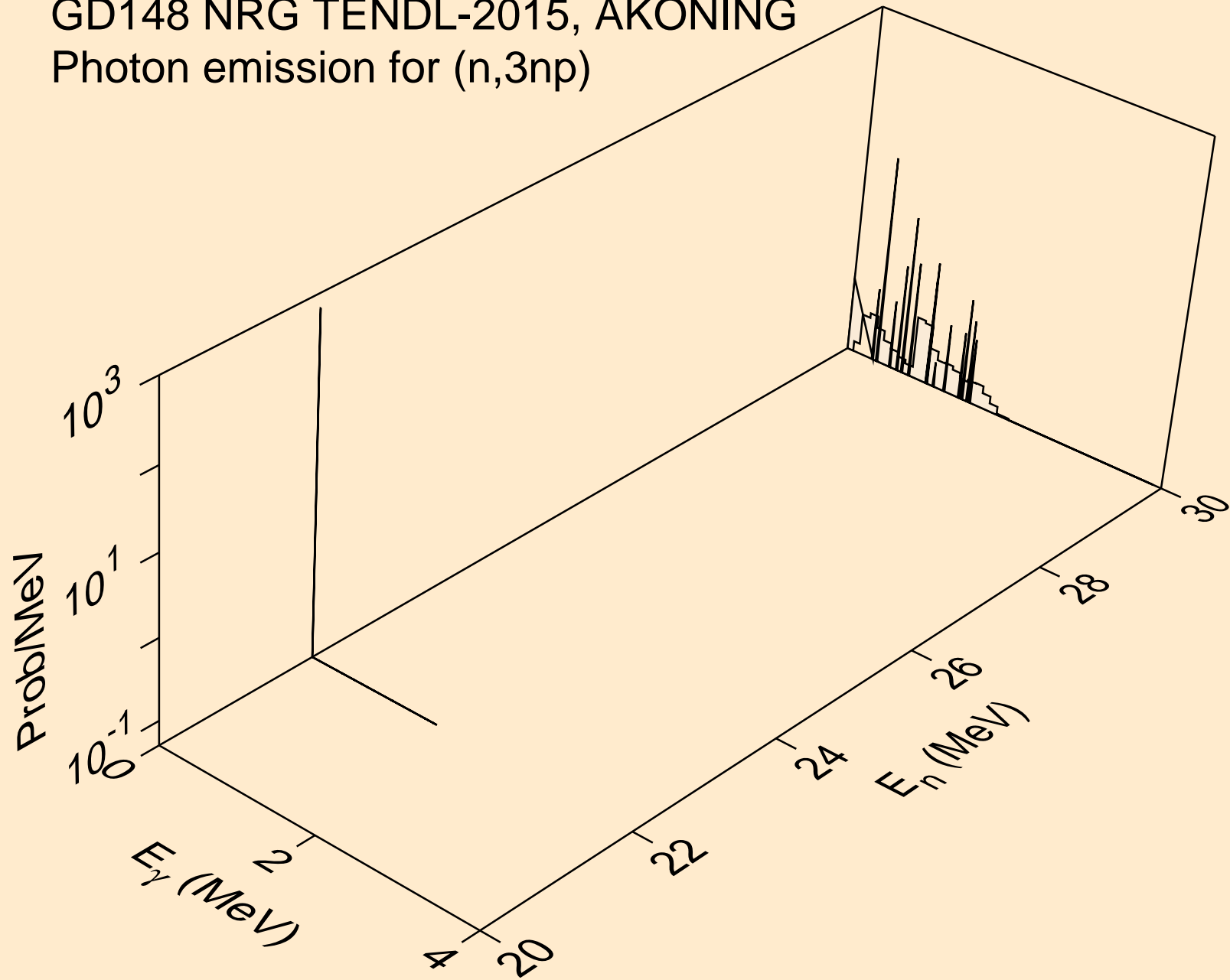


GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

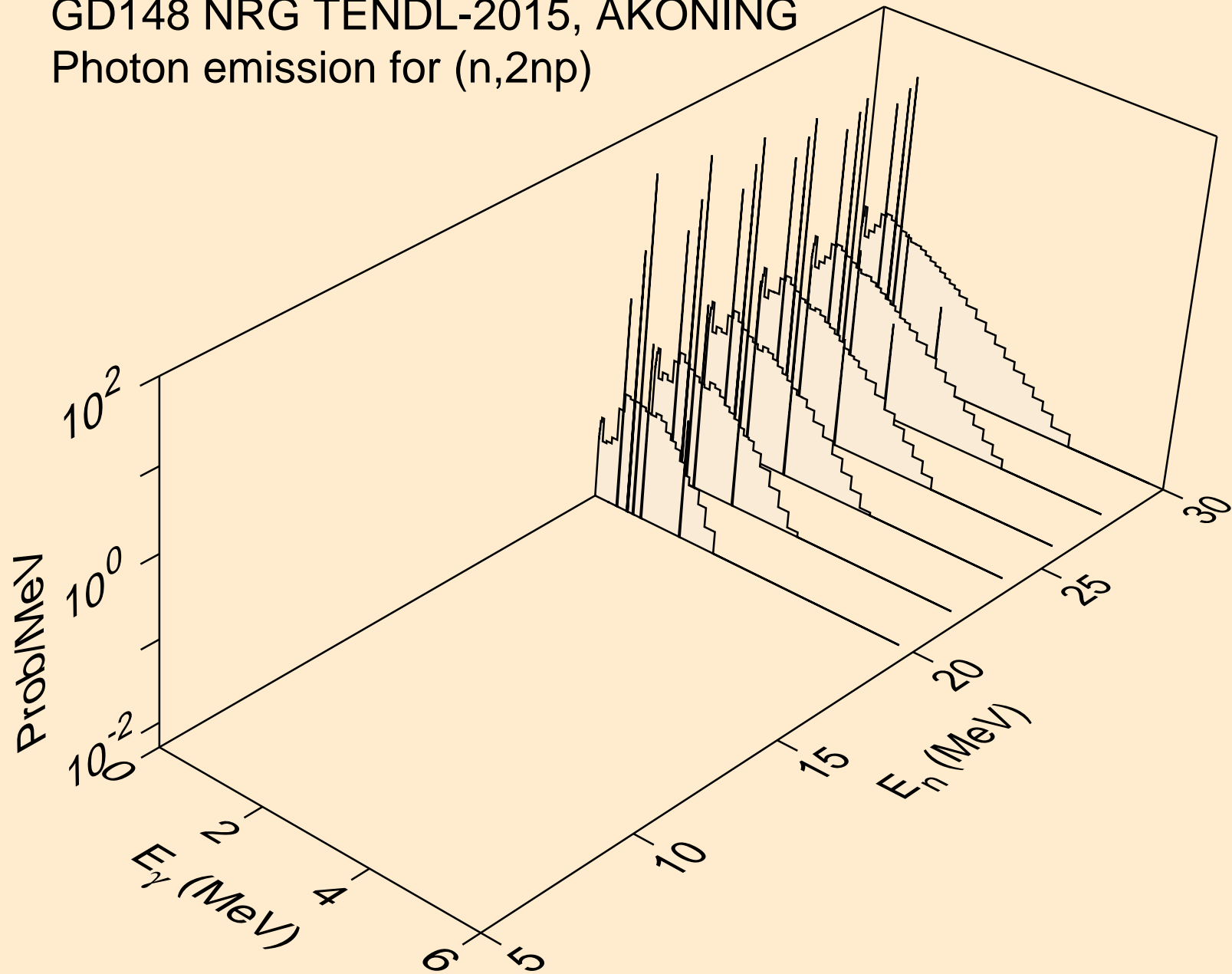




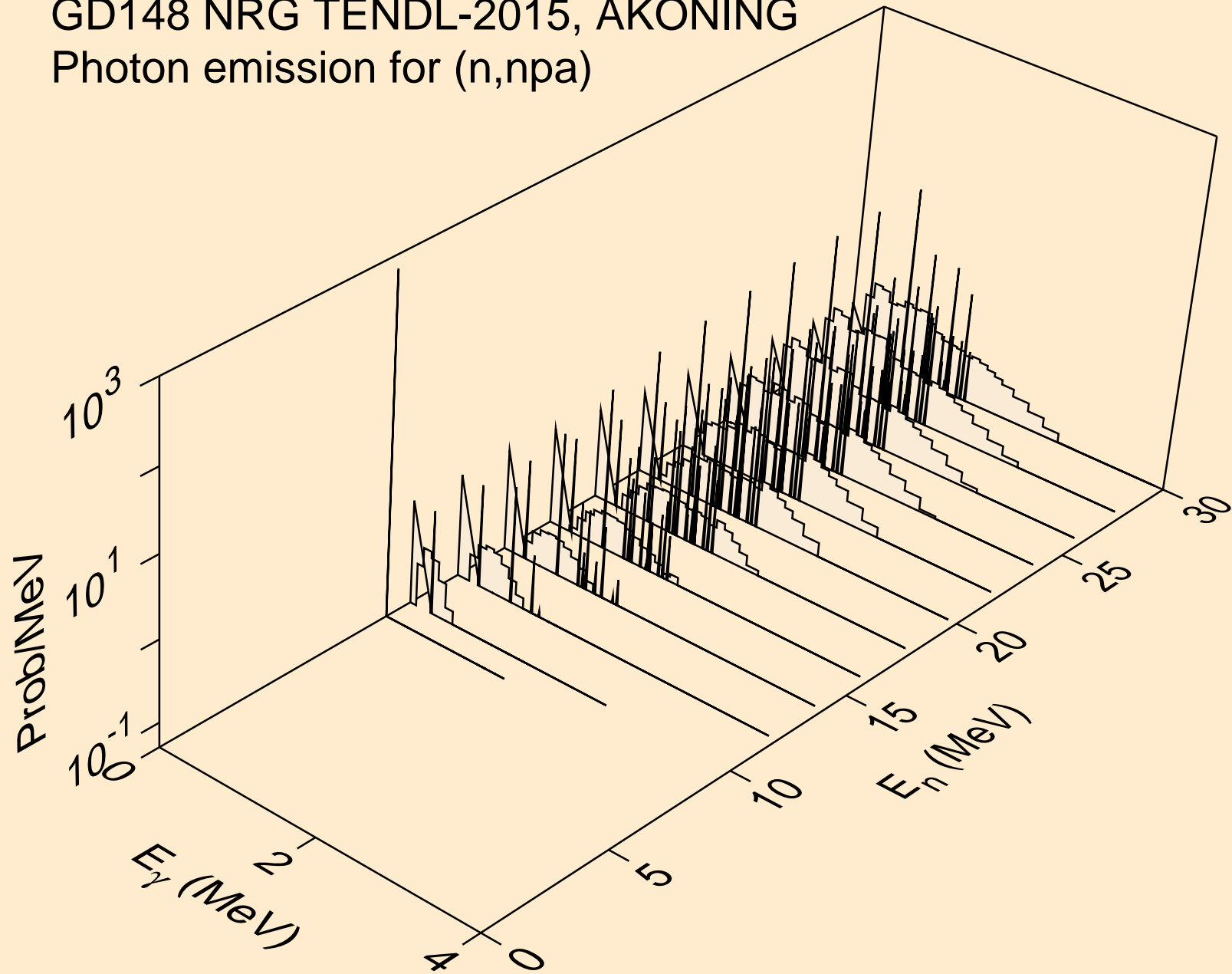
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



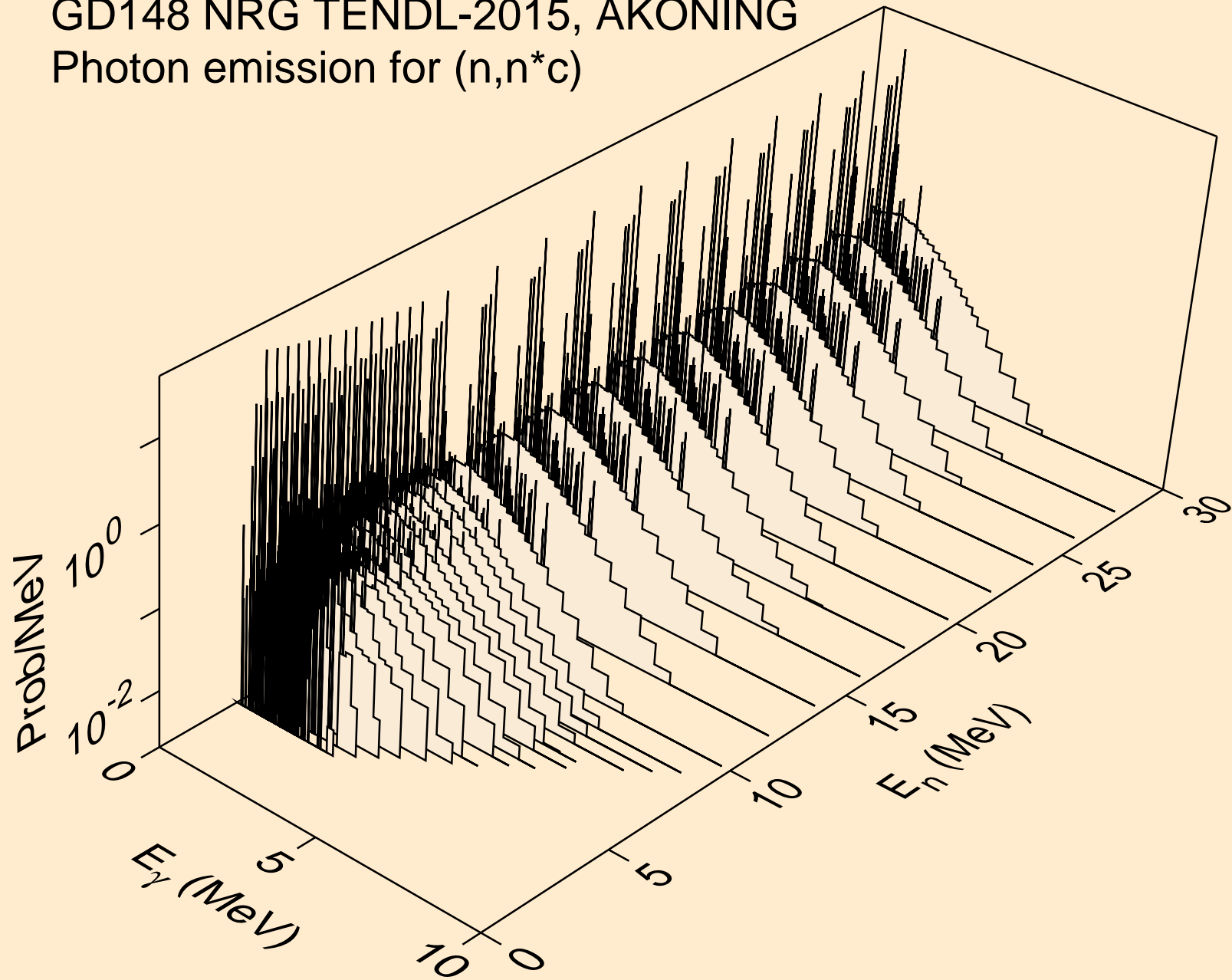
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



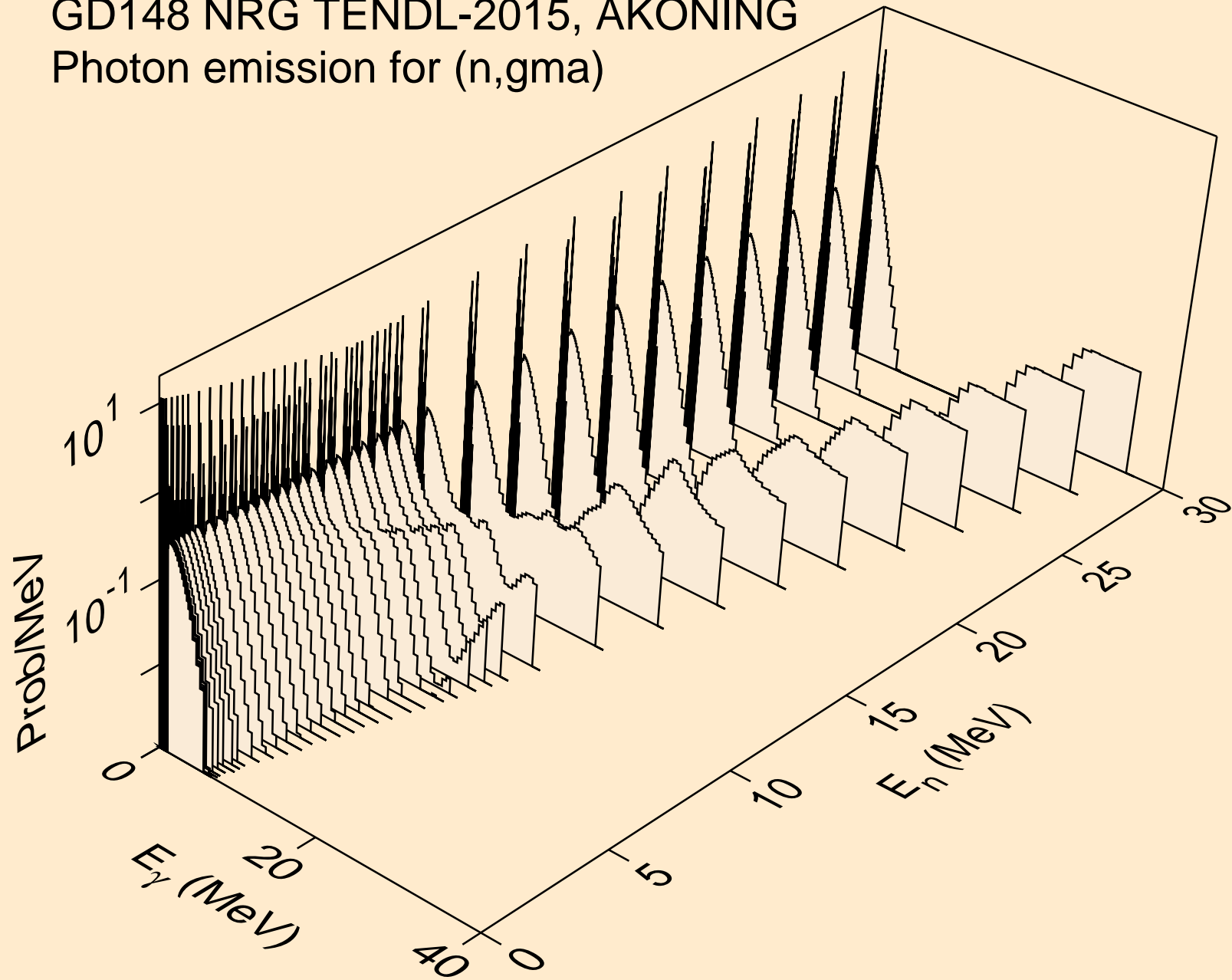
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



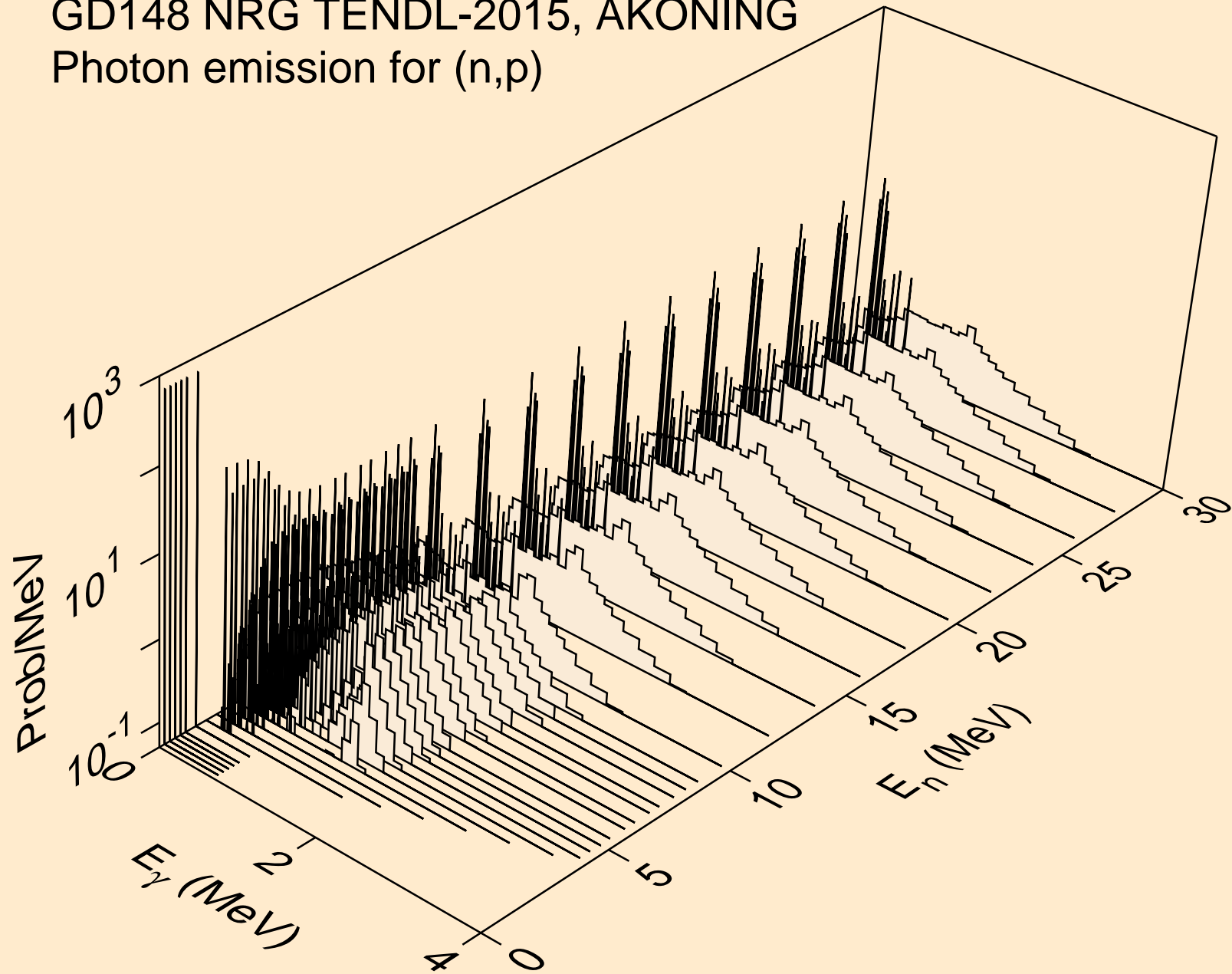
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



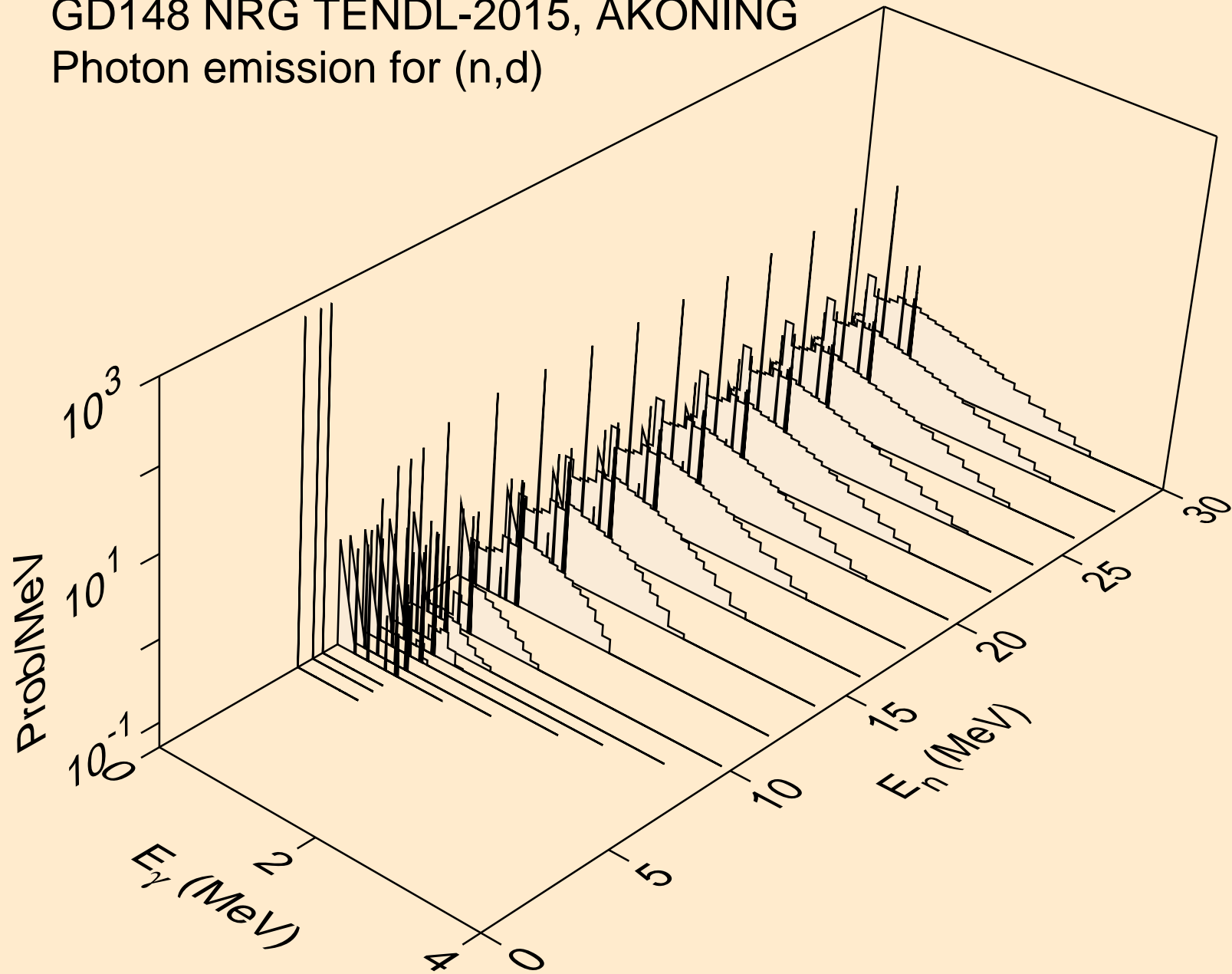
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



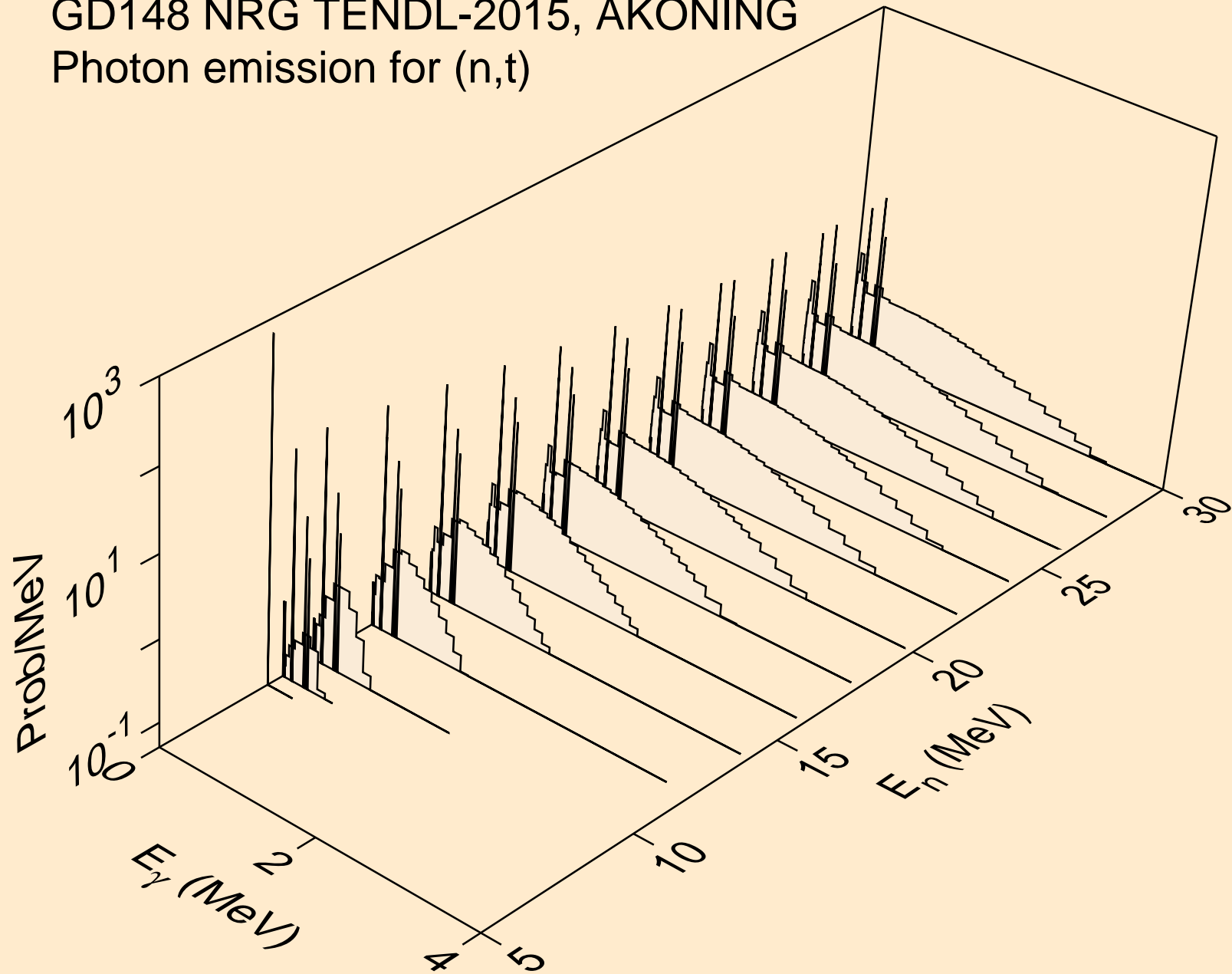
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

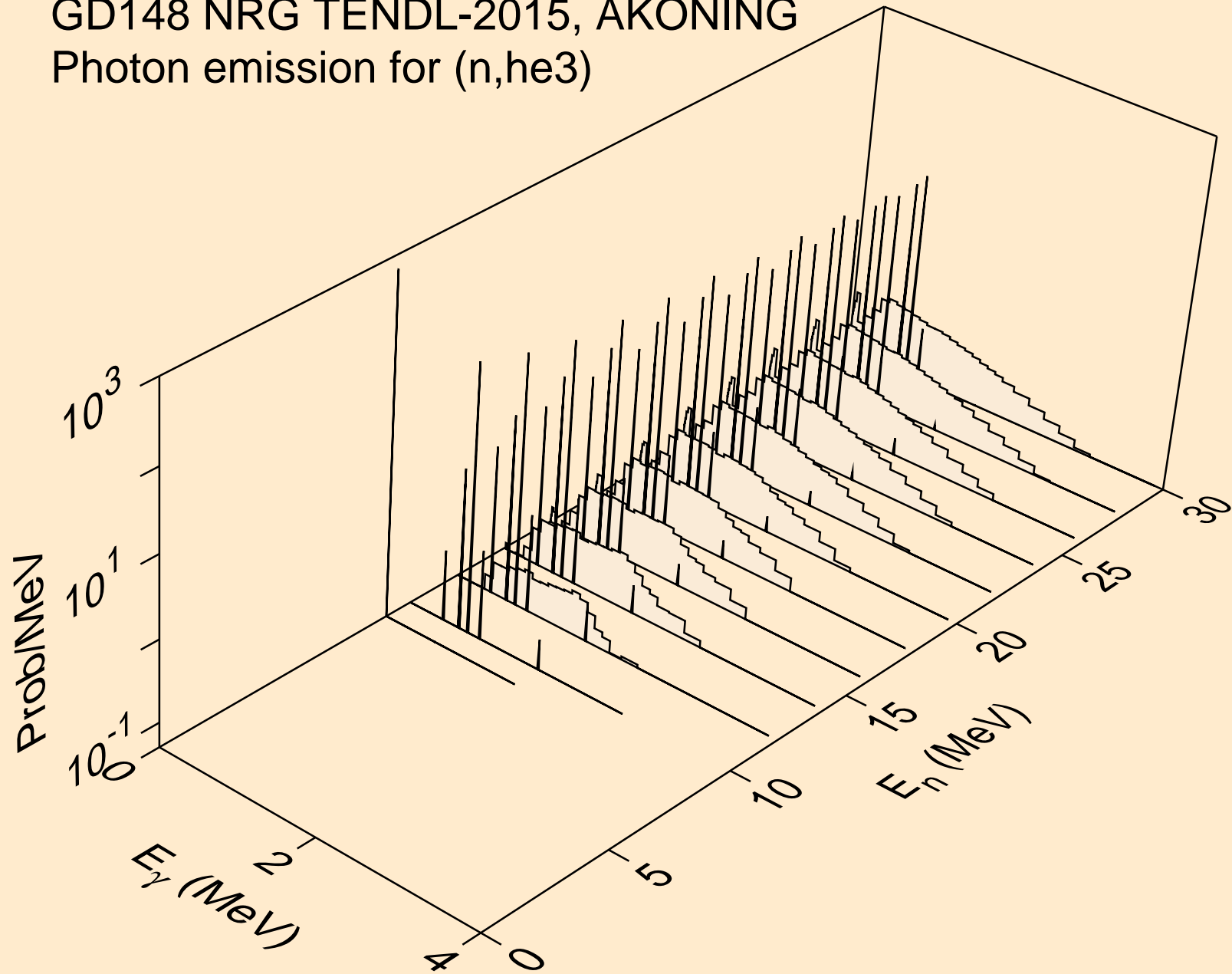


GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

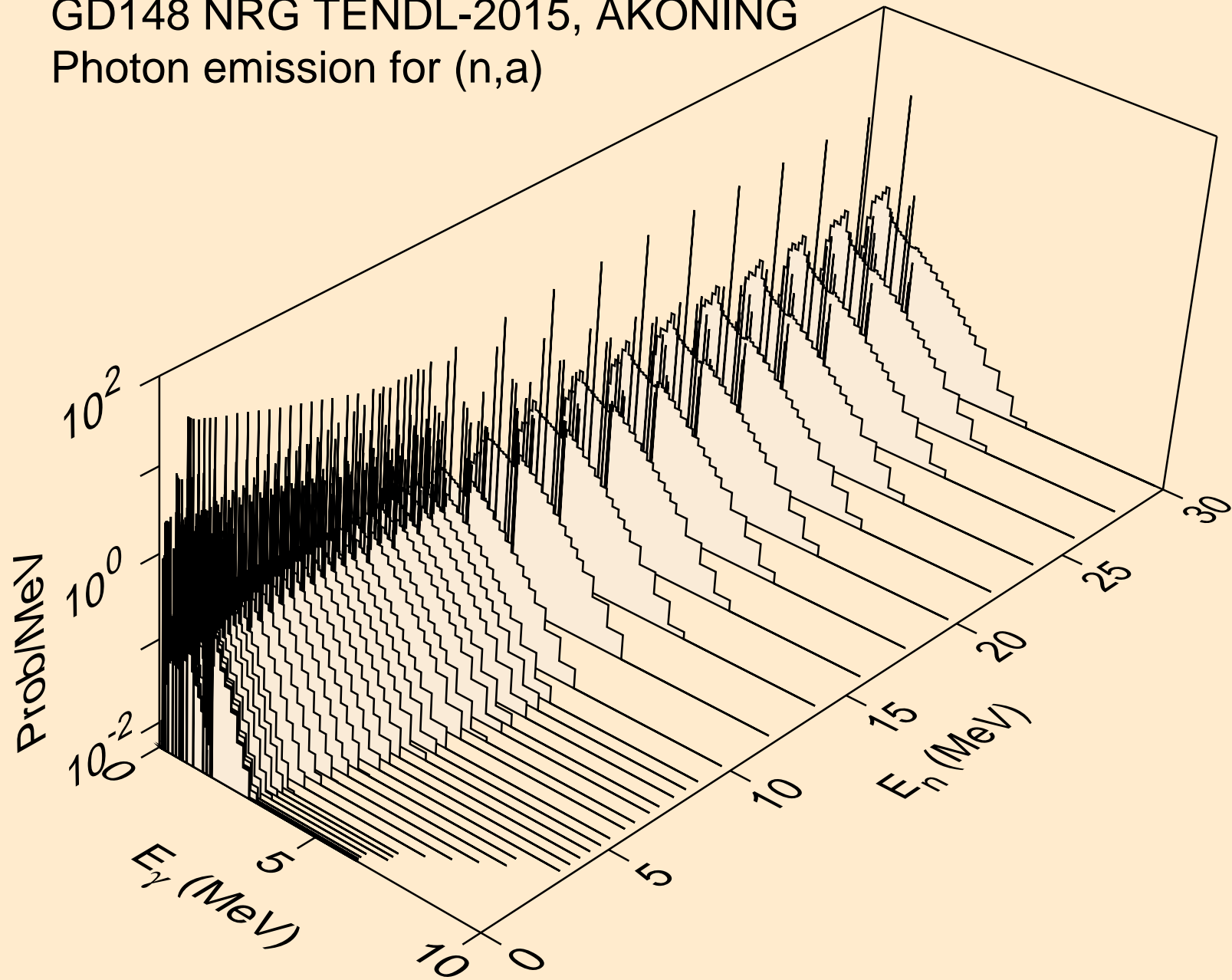




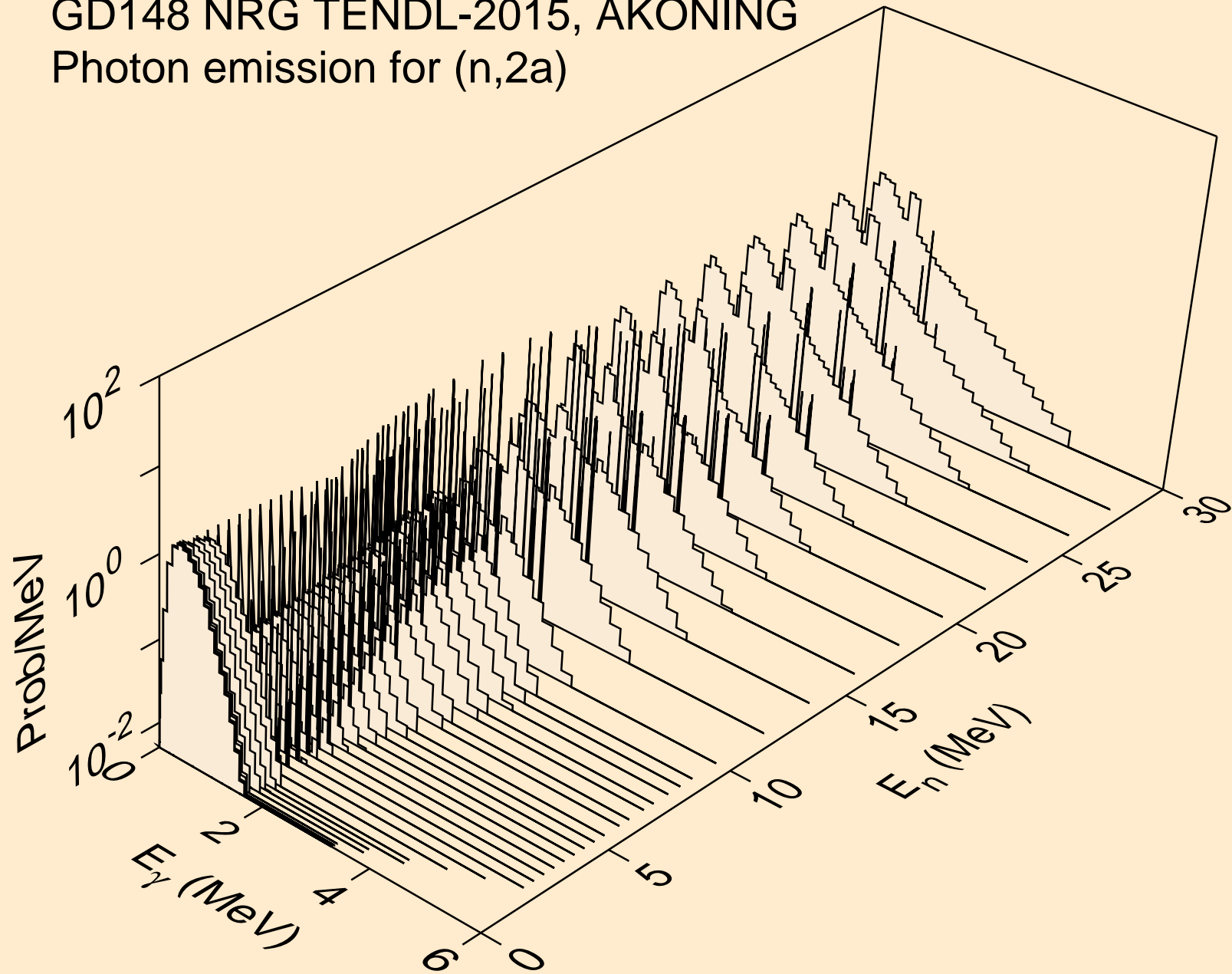
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



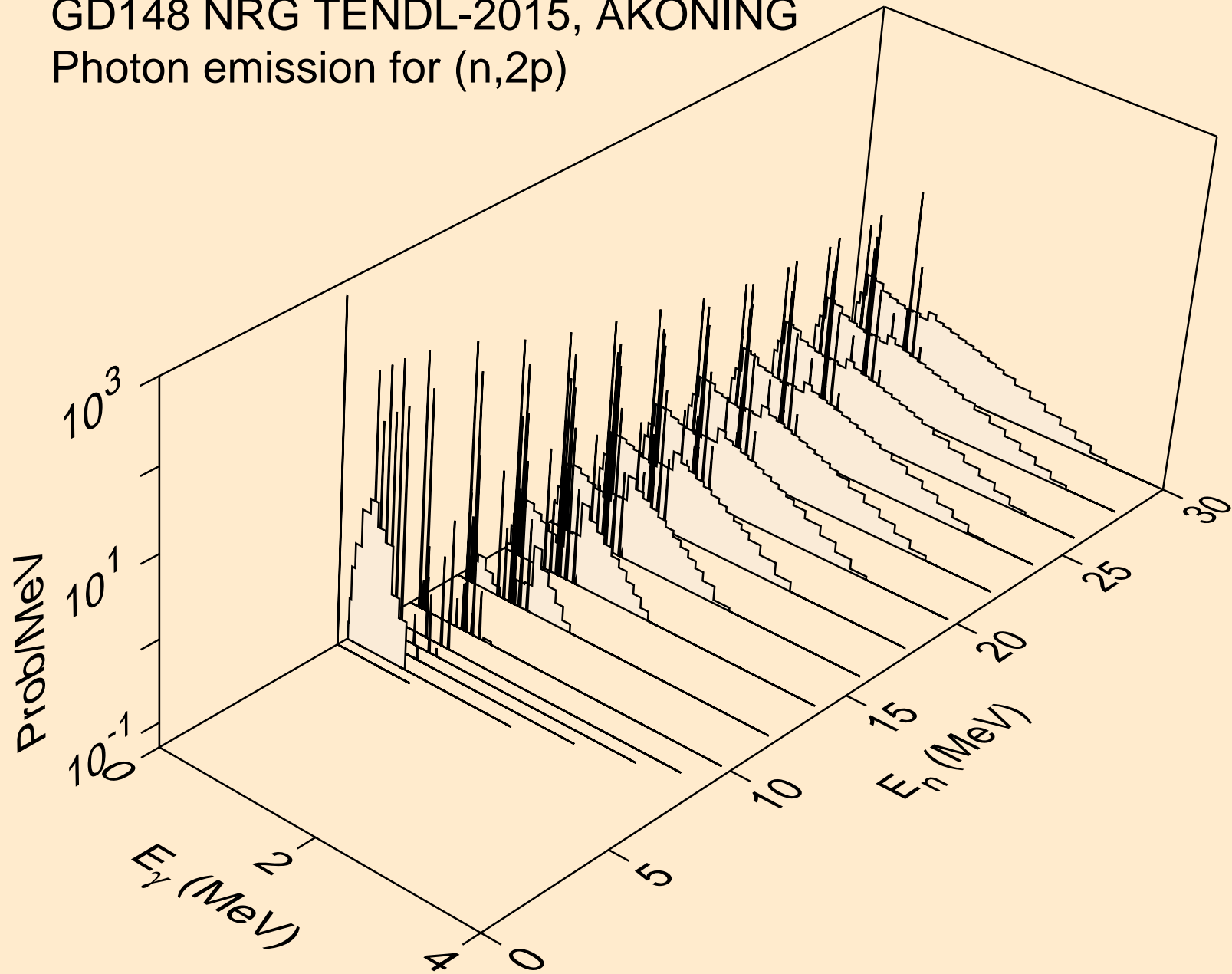
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



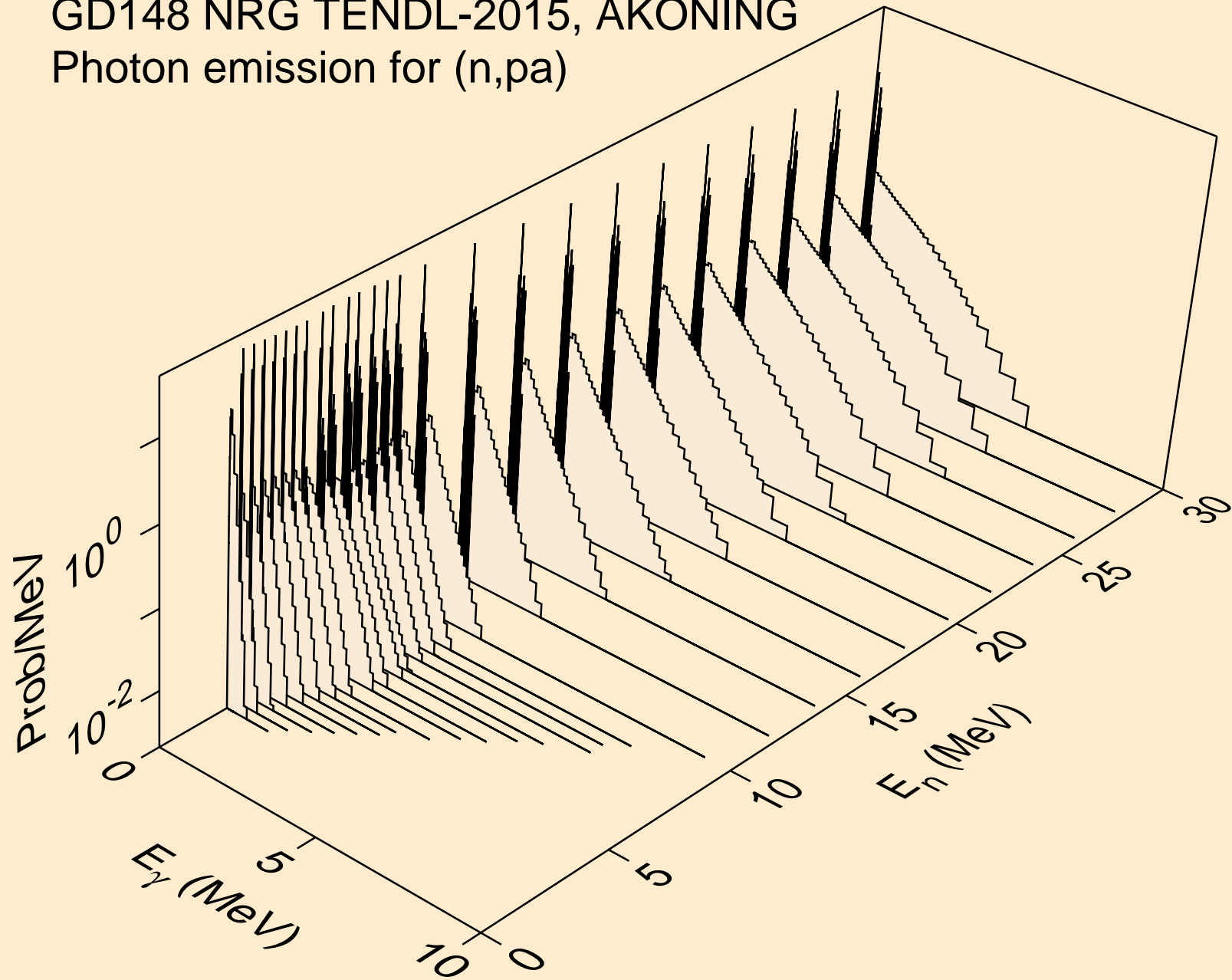
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



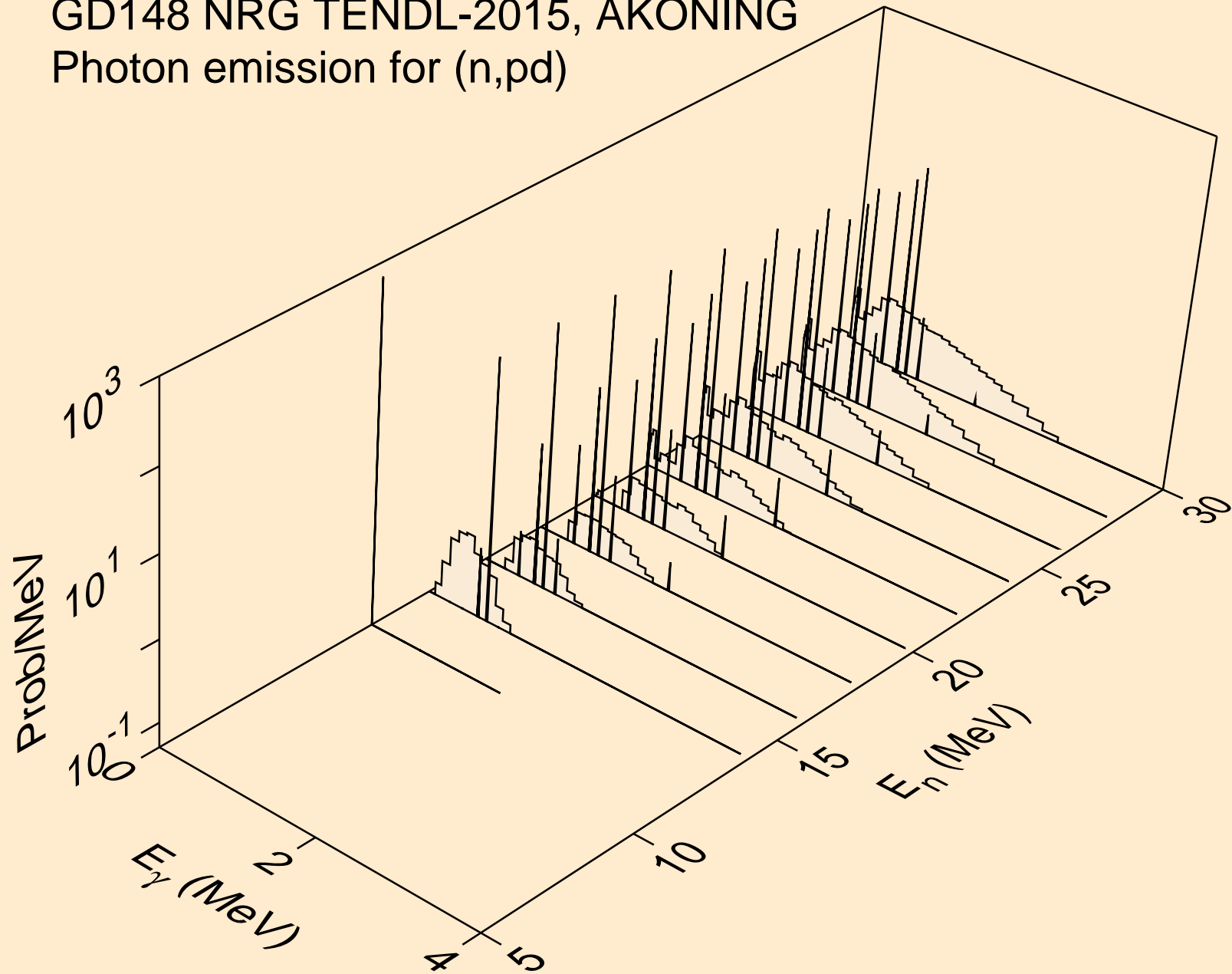
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



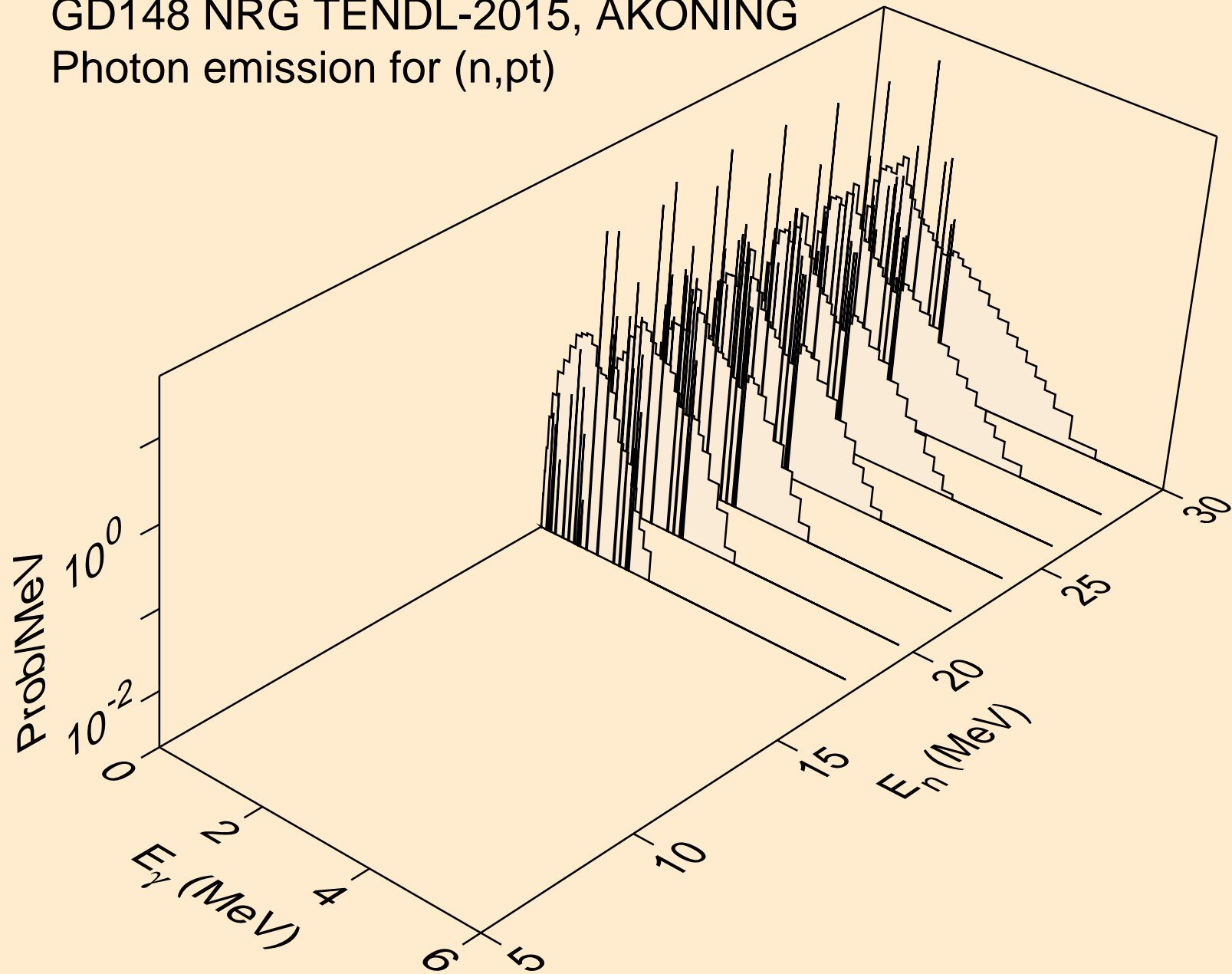
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



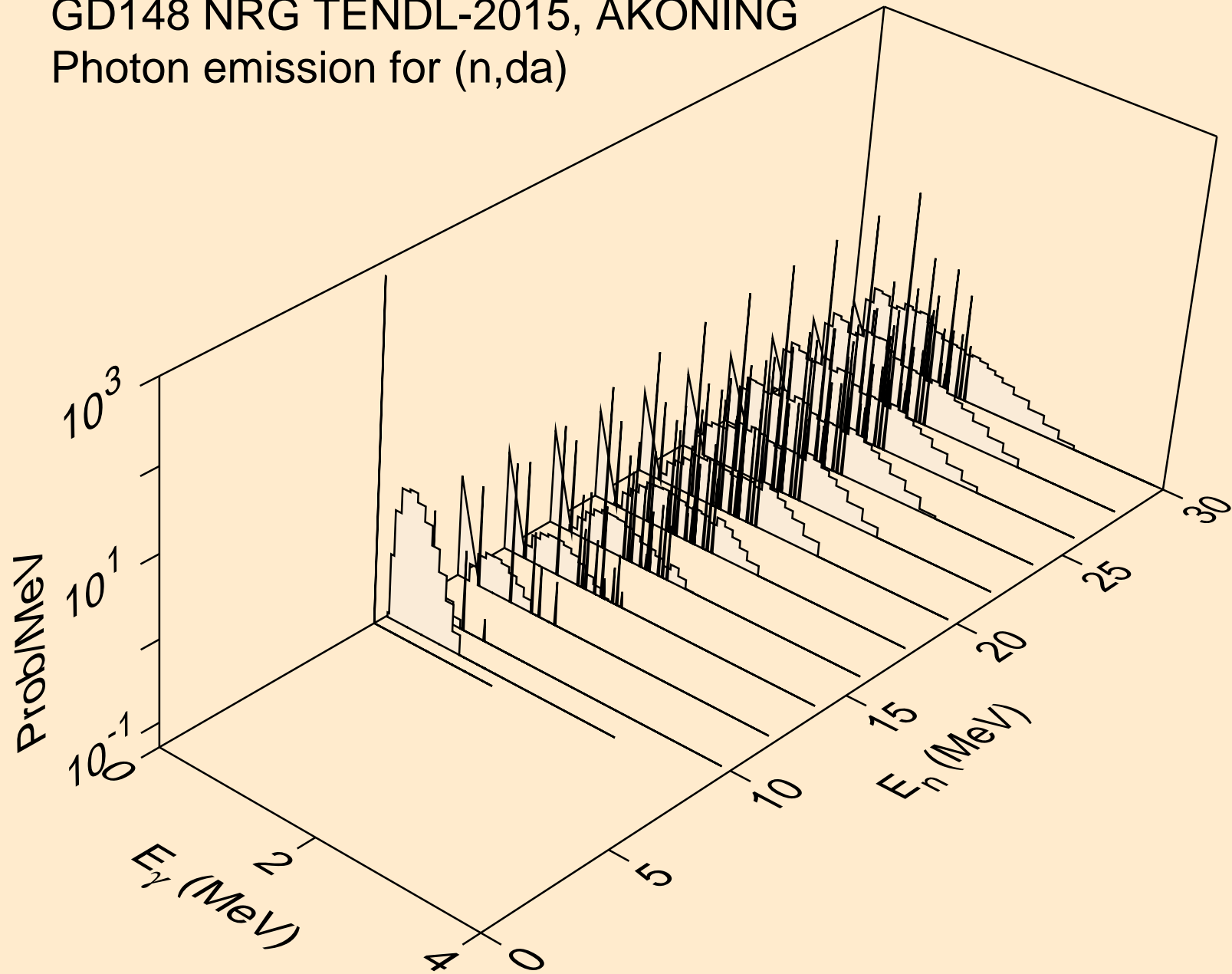
GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

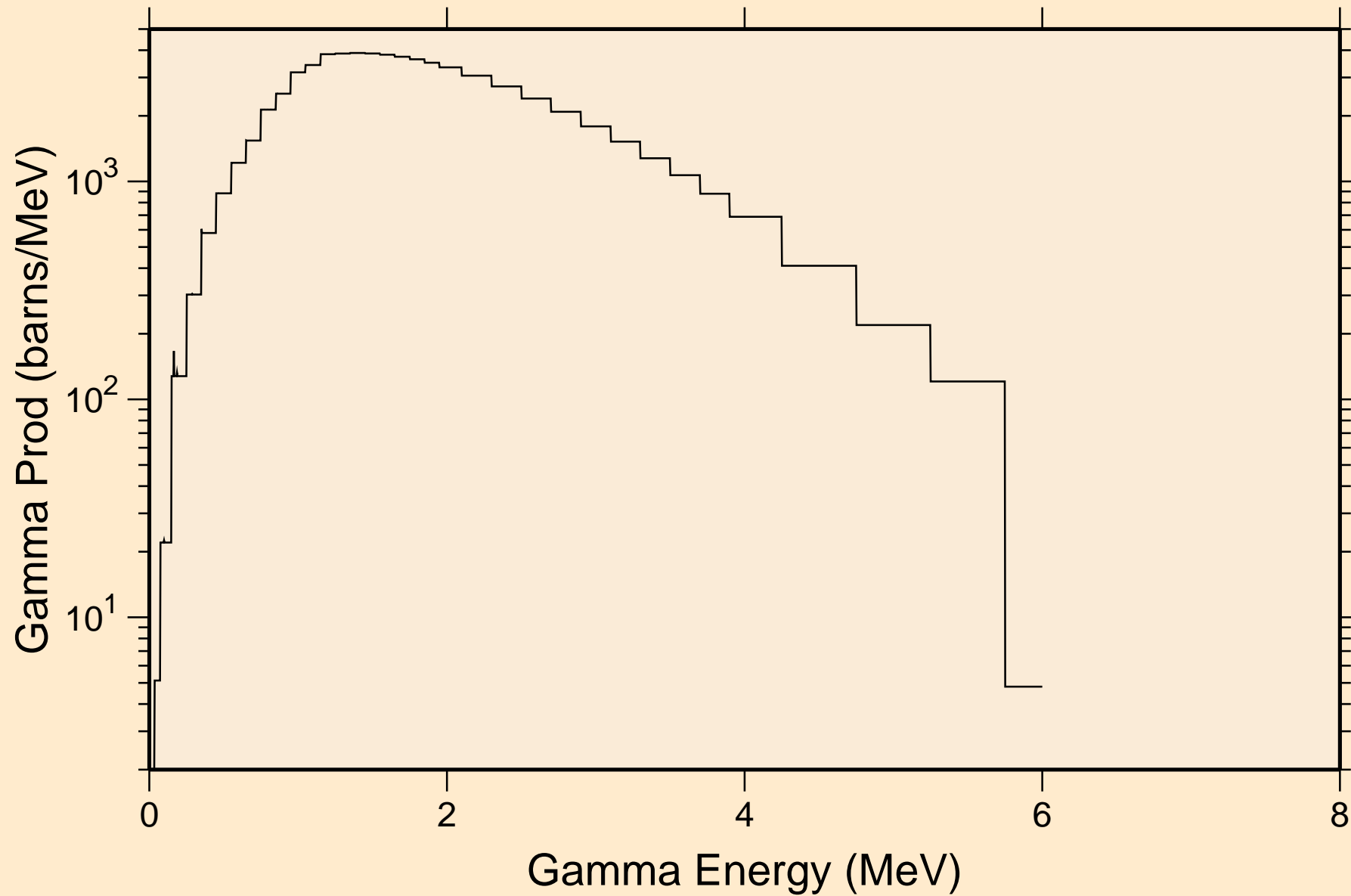


GD148 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

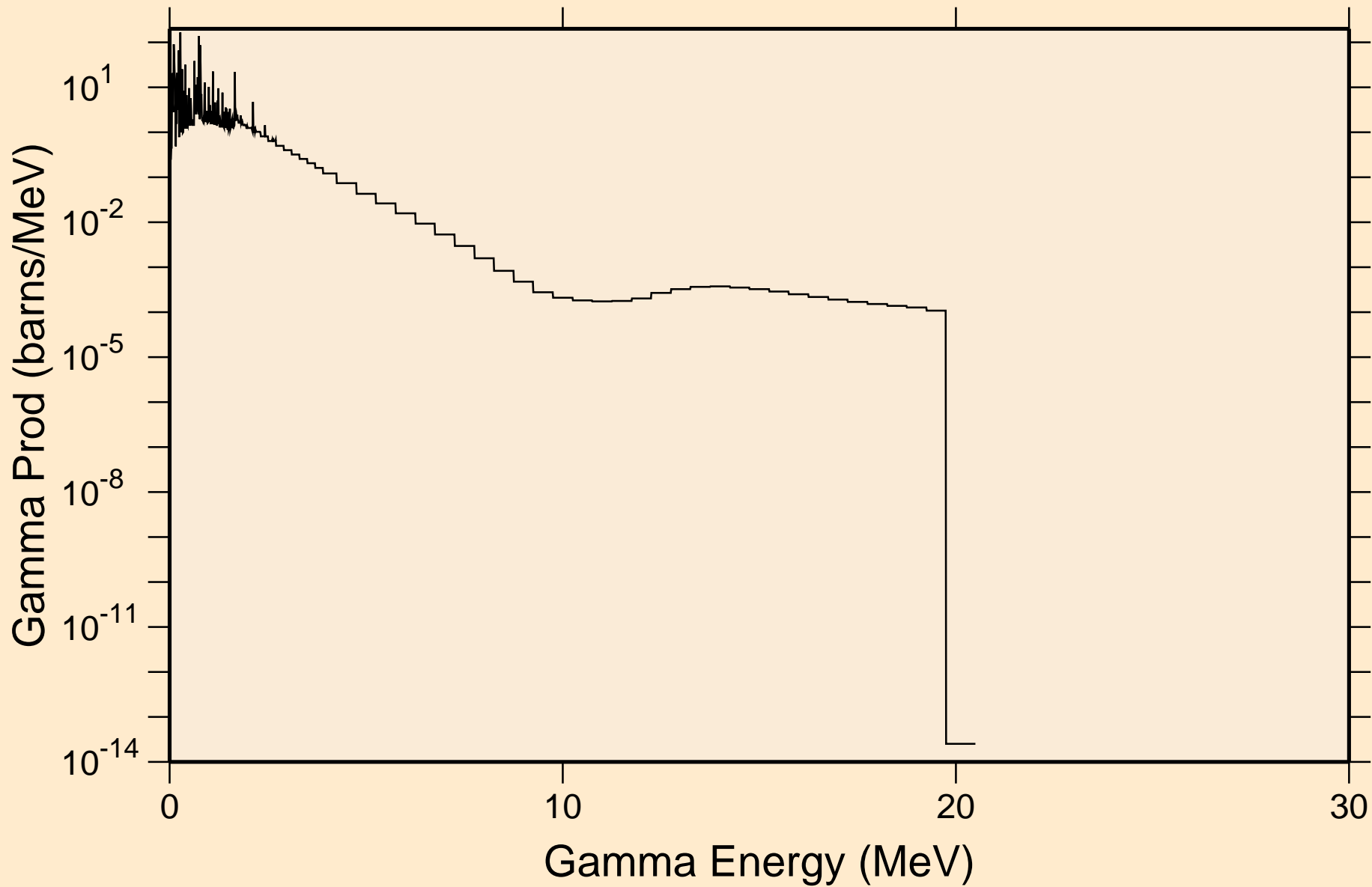




GD148 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

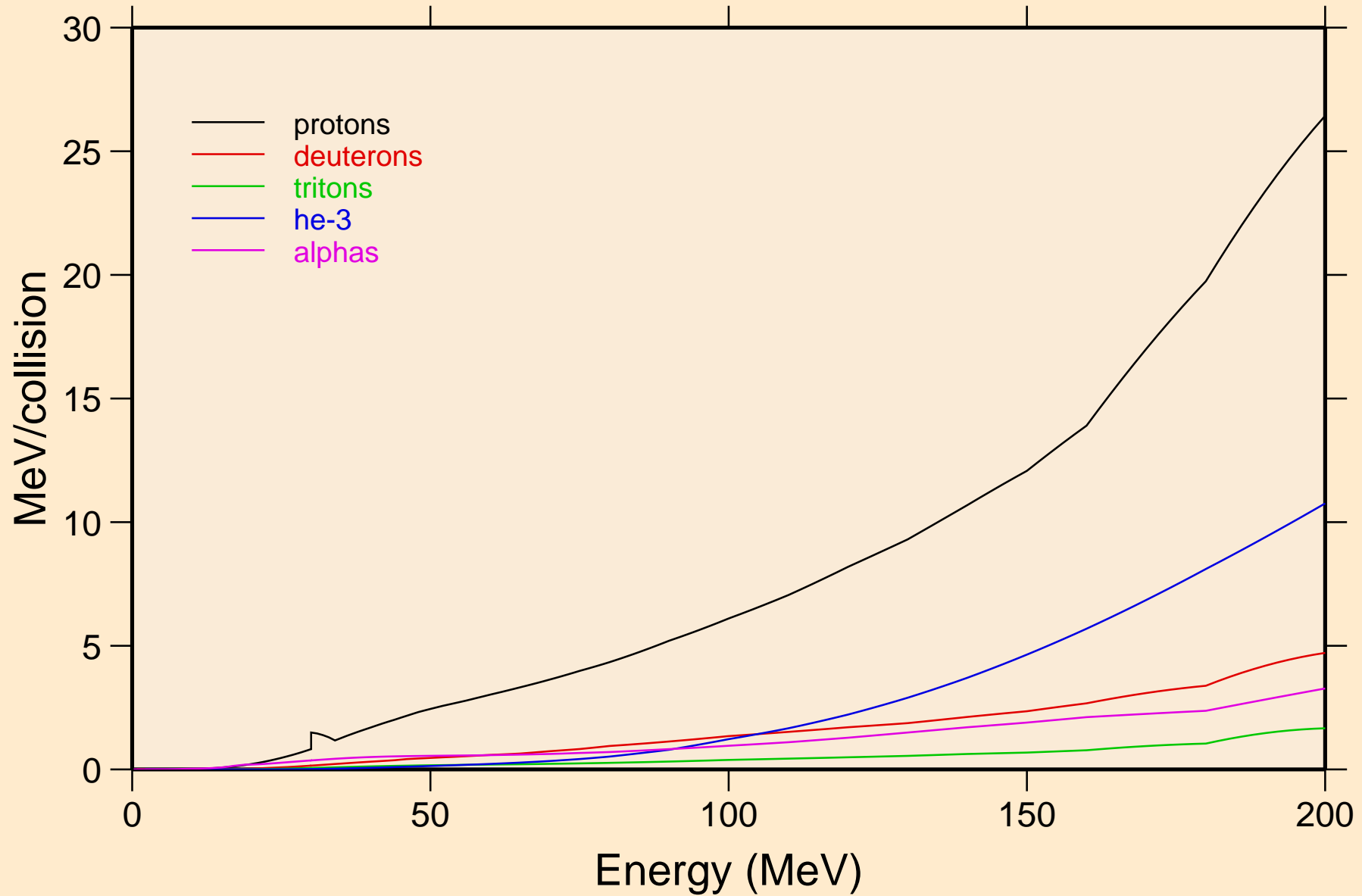


GD148 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



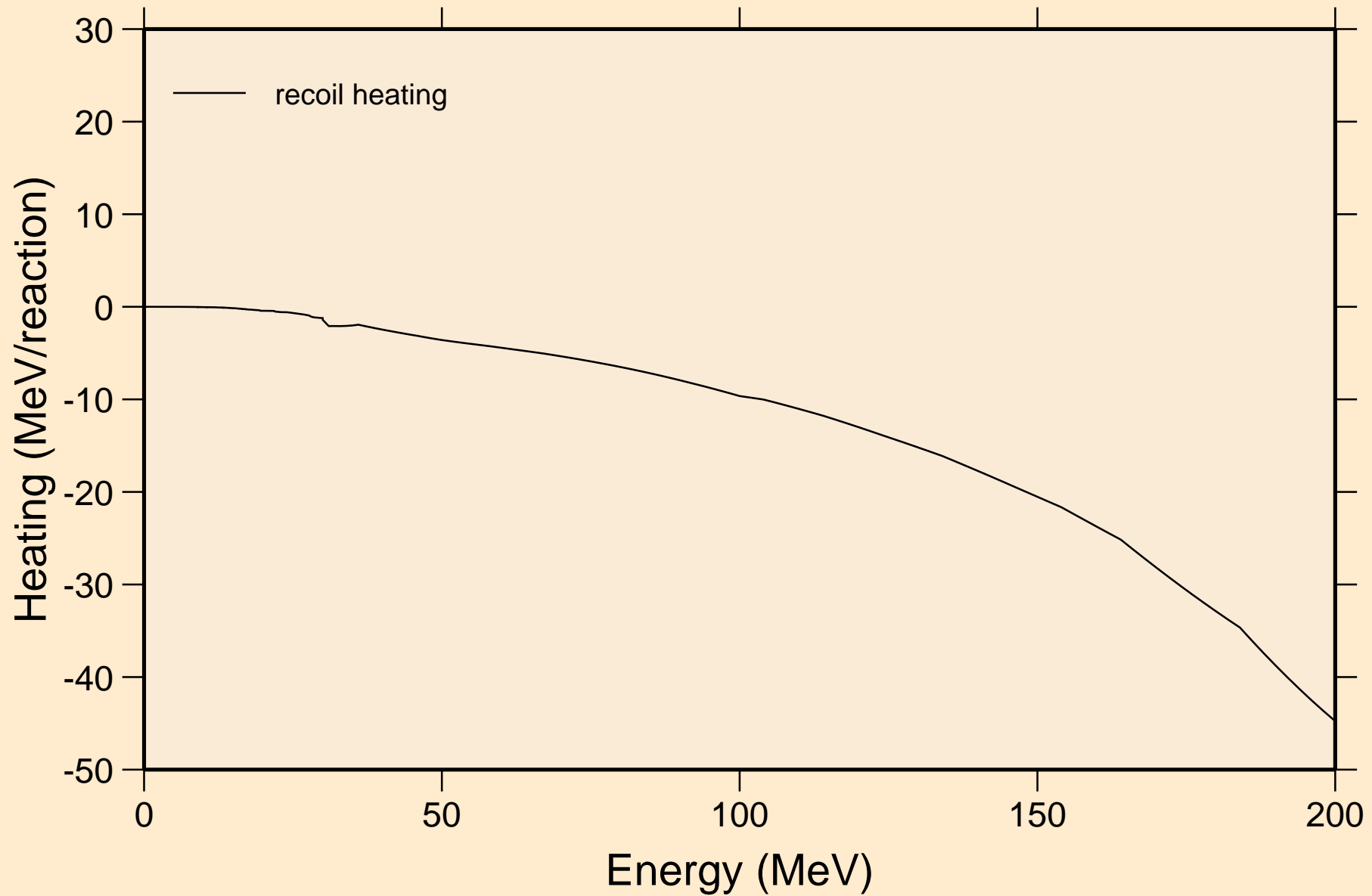
# GD148 NRG TENDL-2015, AKONING

## Particle heating contributions



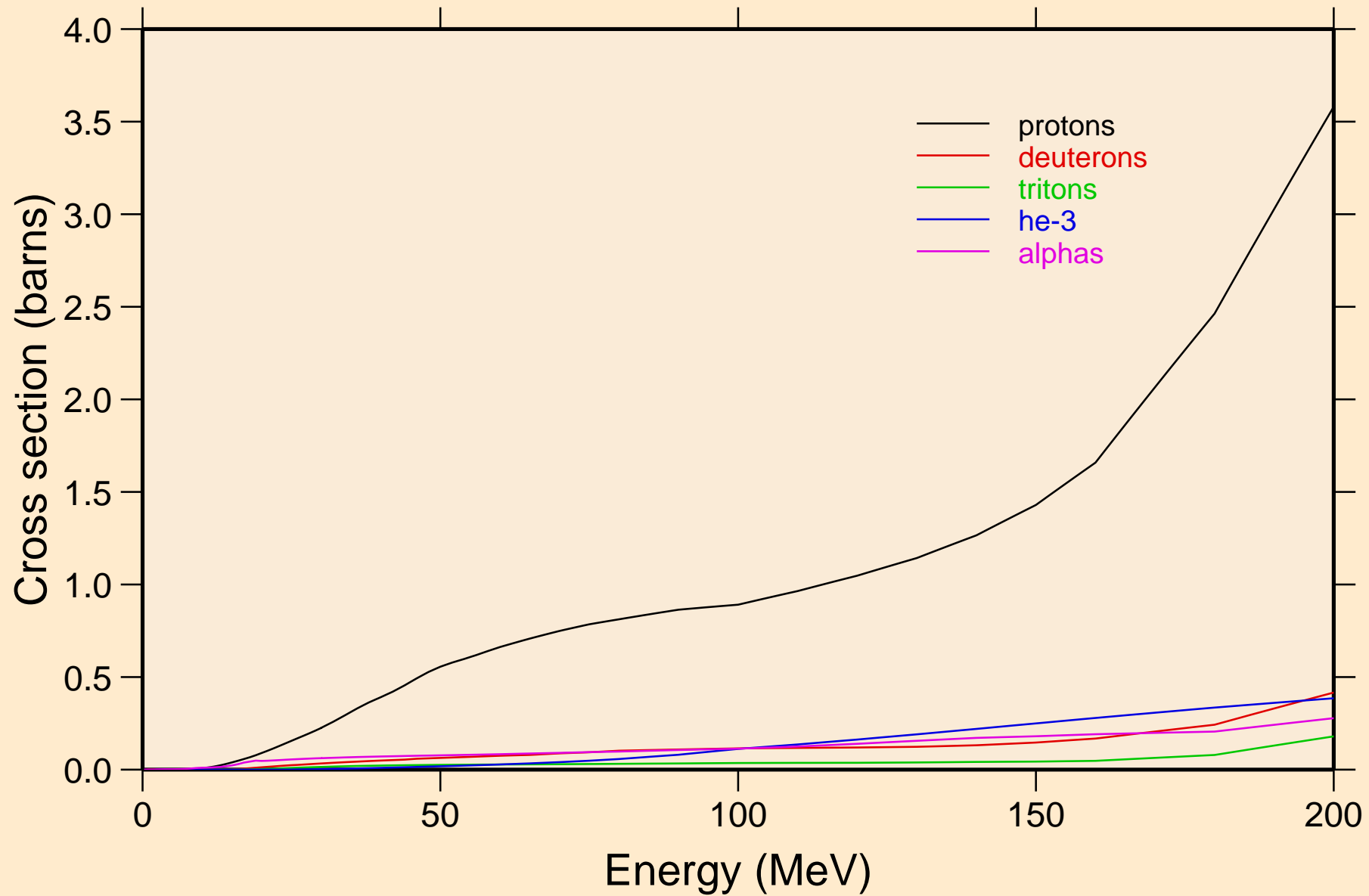
# GD148 NRG TENDL-2015, AKONING

## Recoil Heating

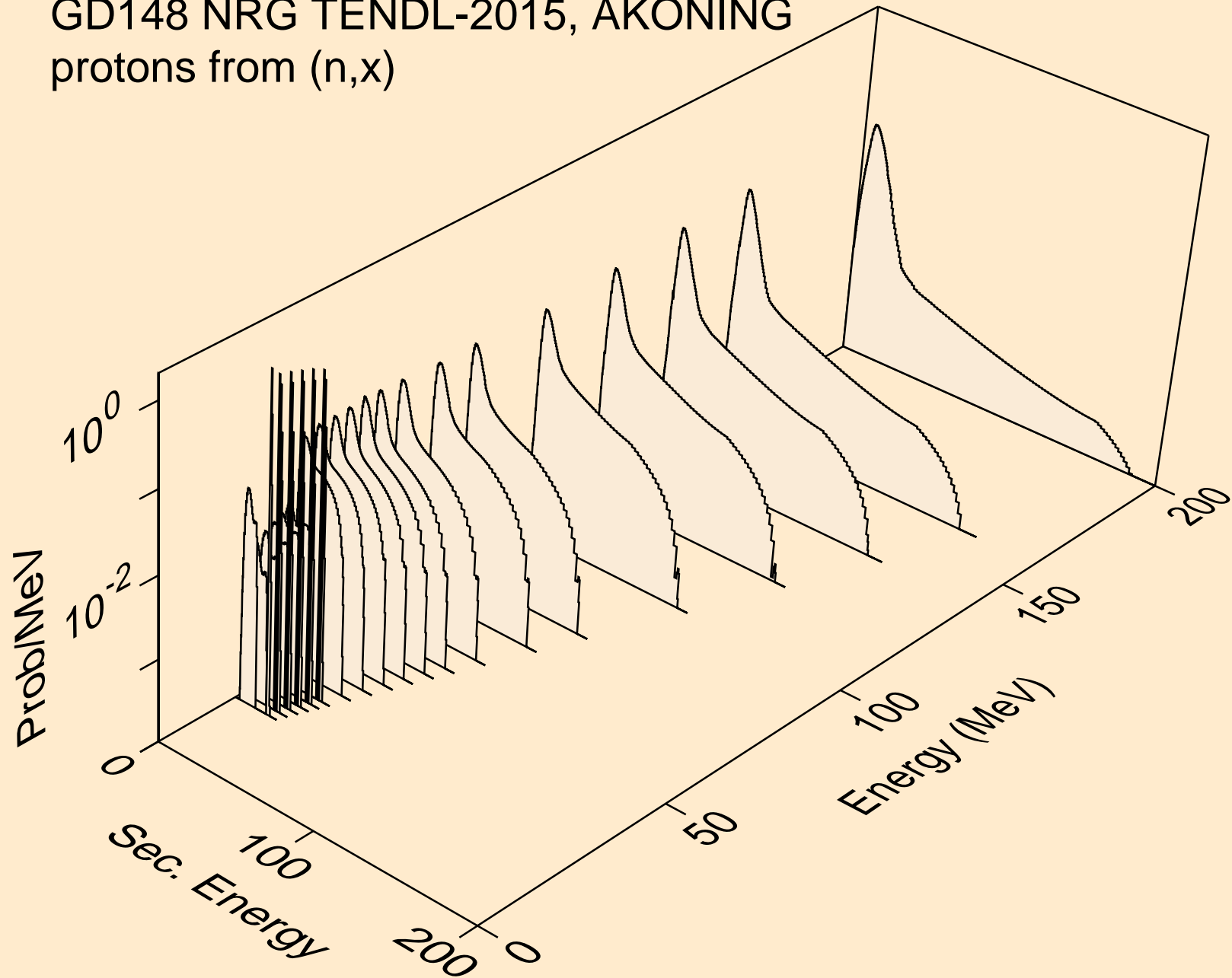


# GD148 NRG TENDL-2015, AKONING

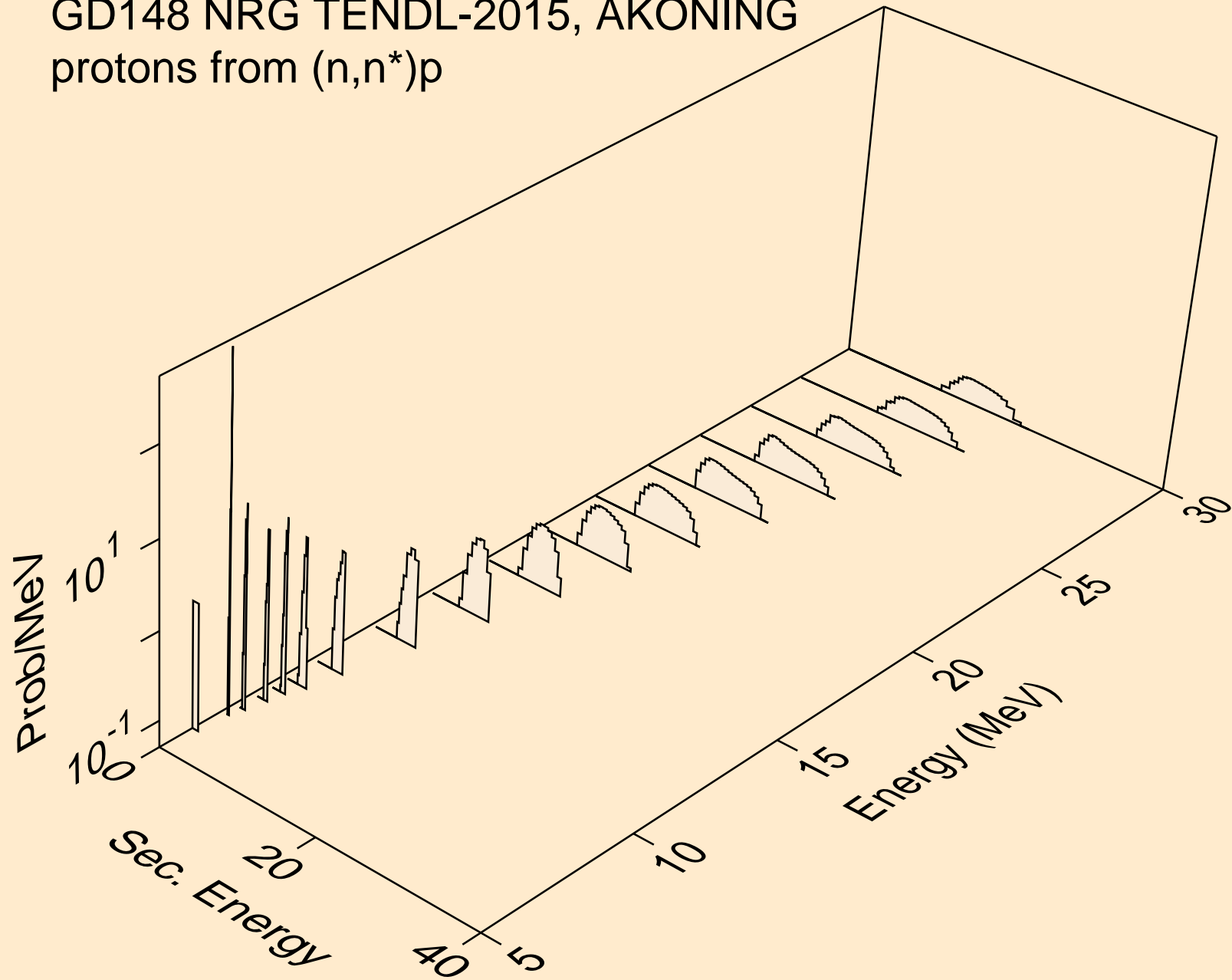
## Particle production cross sections



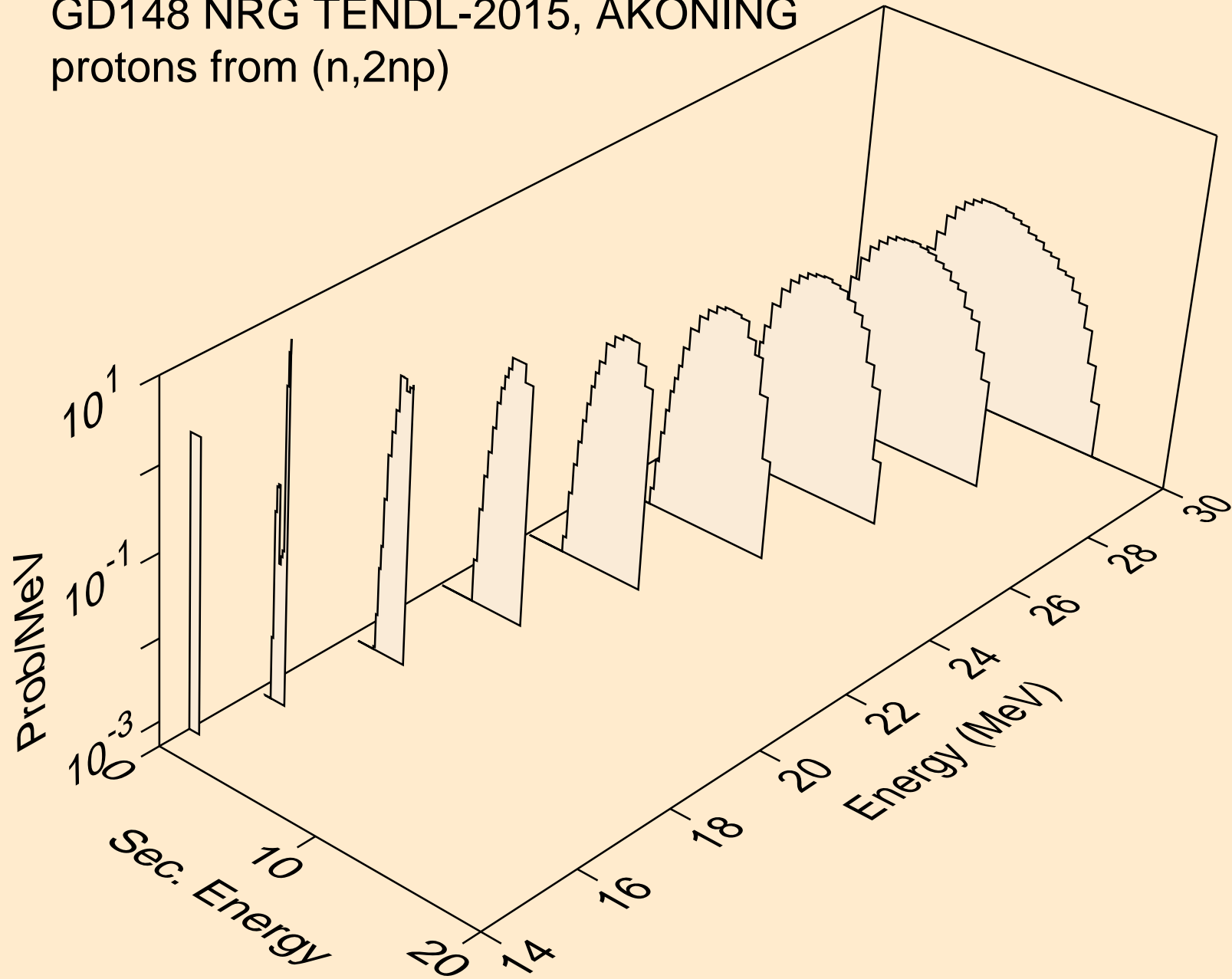
GD148 NRG TENDL-2015, AKONING  
protons from (n,x)



GD148 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

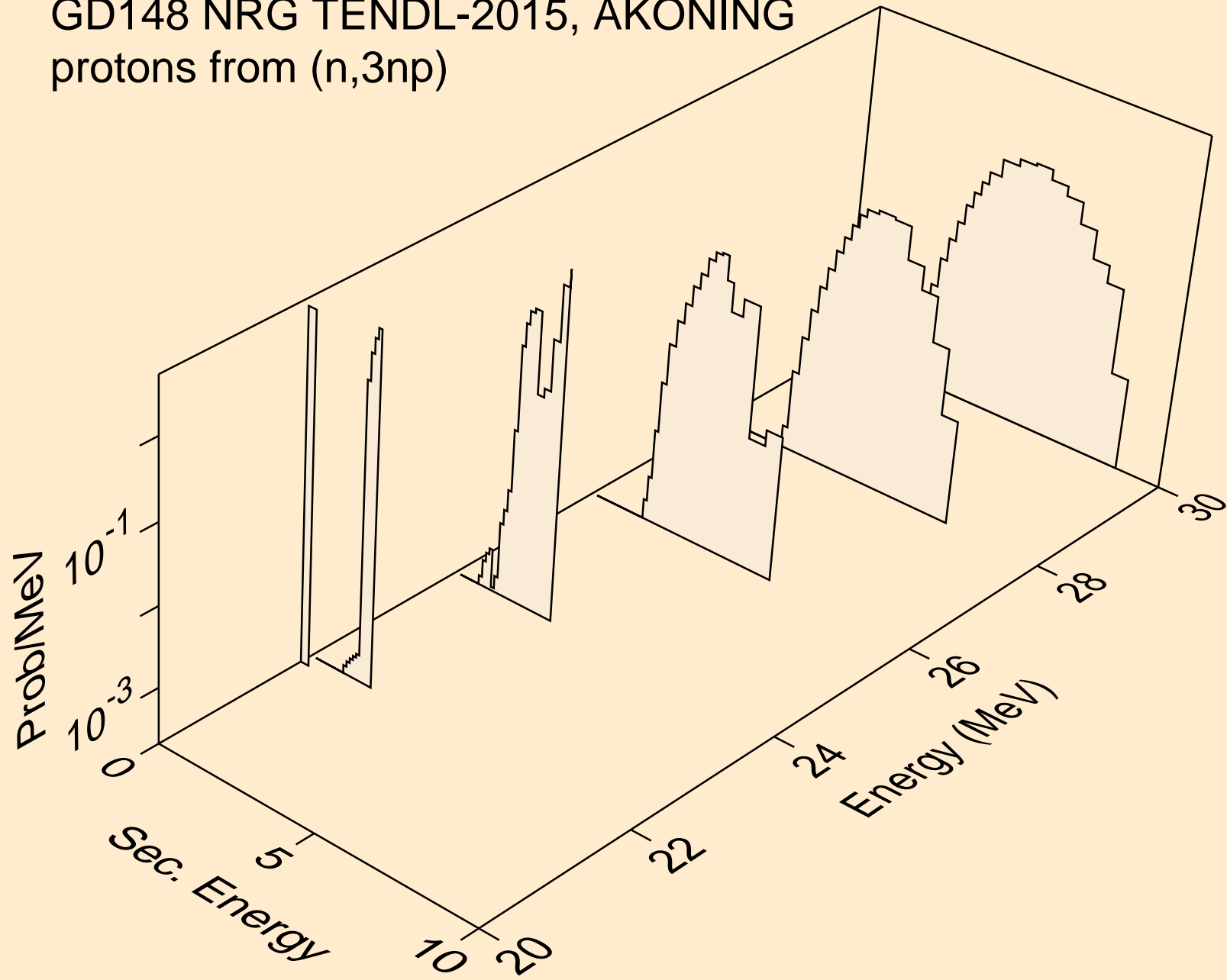


GD148 NRG TENDL-2015, AKONING  
protons from (n,2np)

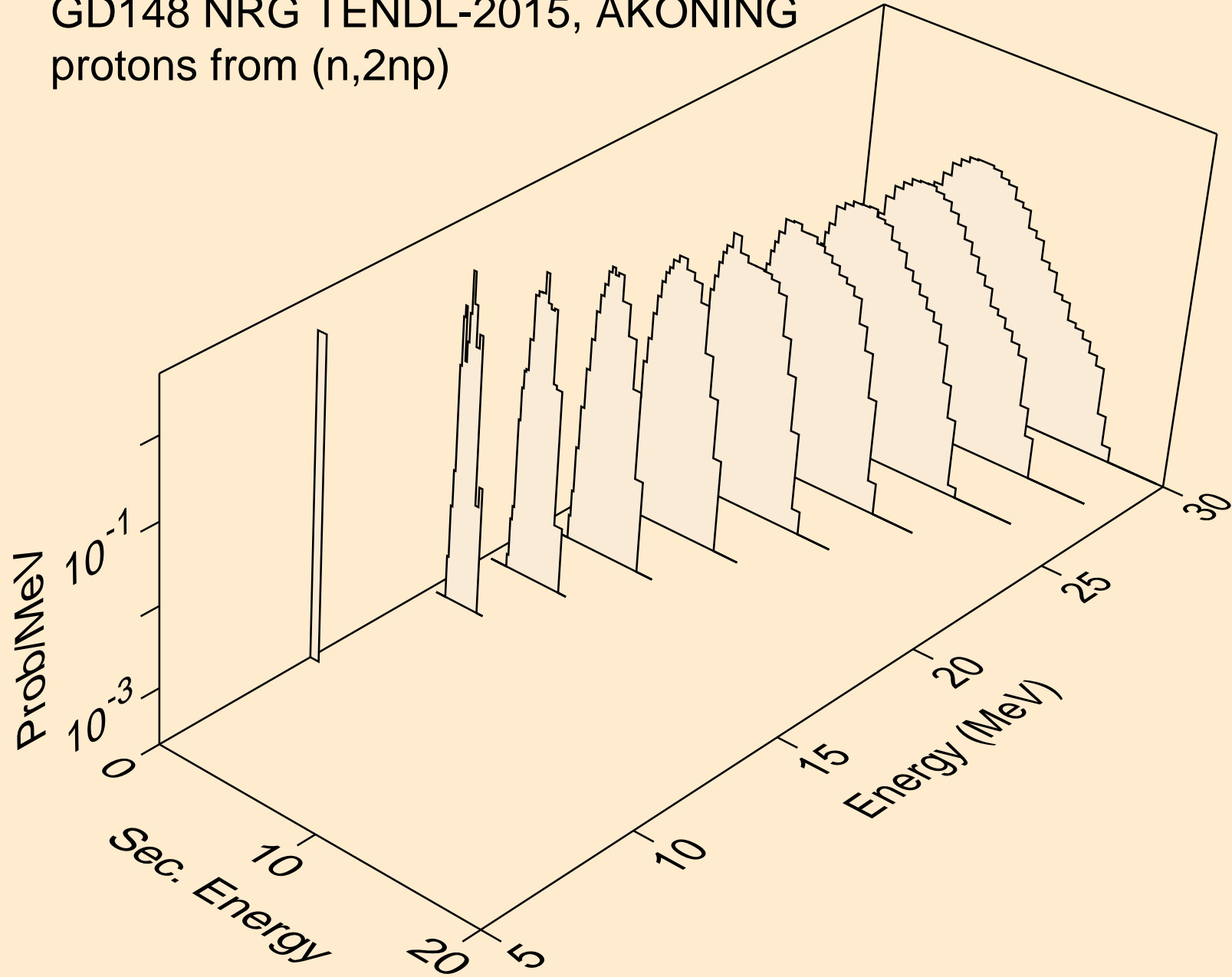




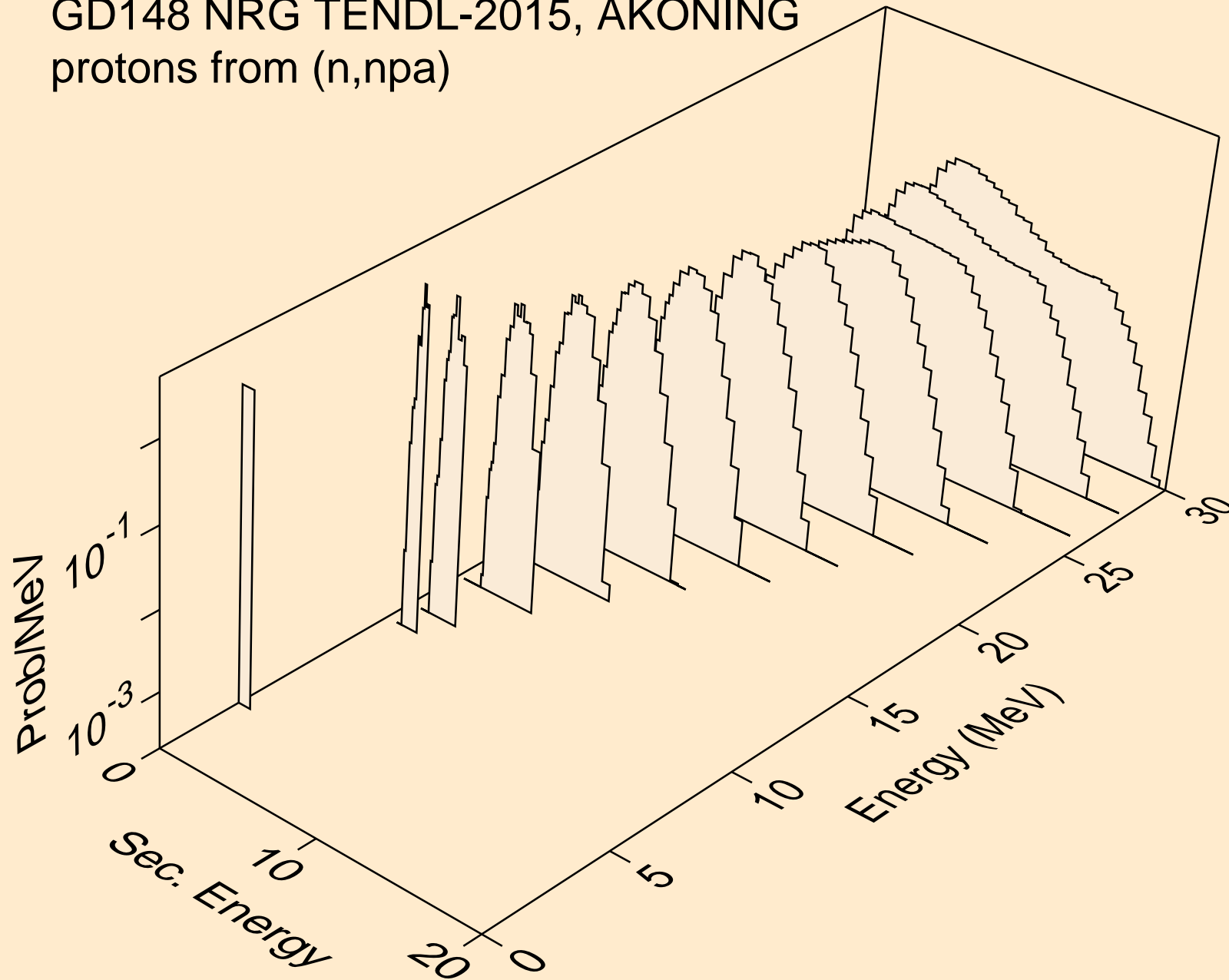
GD148 NRG TENDL-2015, AKONING  
protons from (n,3np)



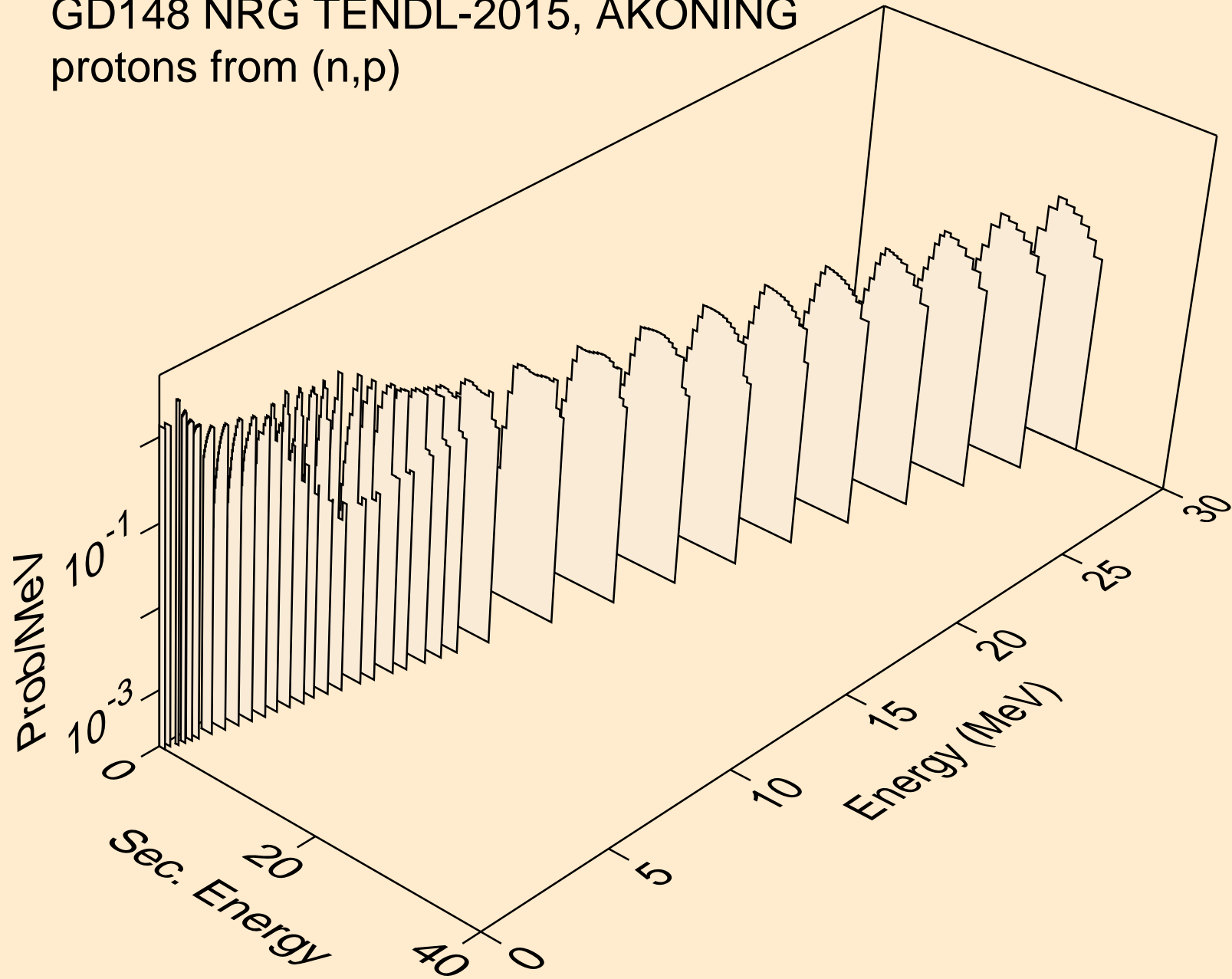
GD148 NRG TENDL-2015, AKONING  
protons from (n,2np)



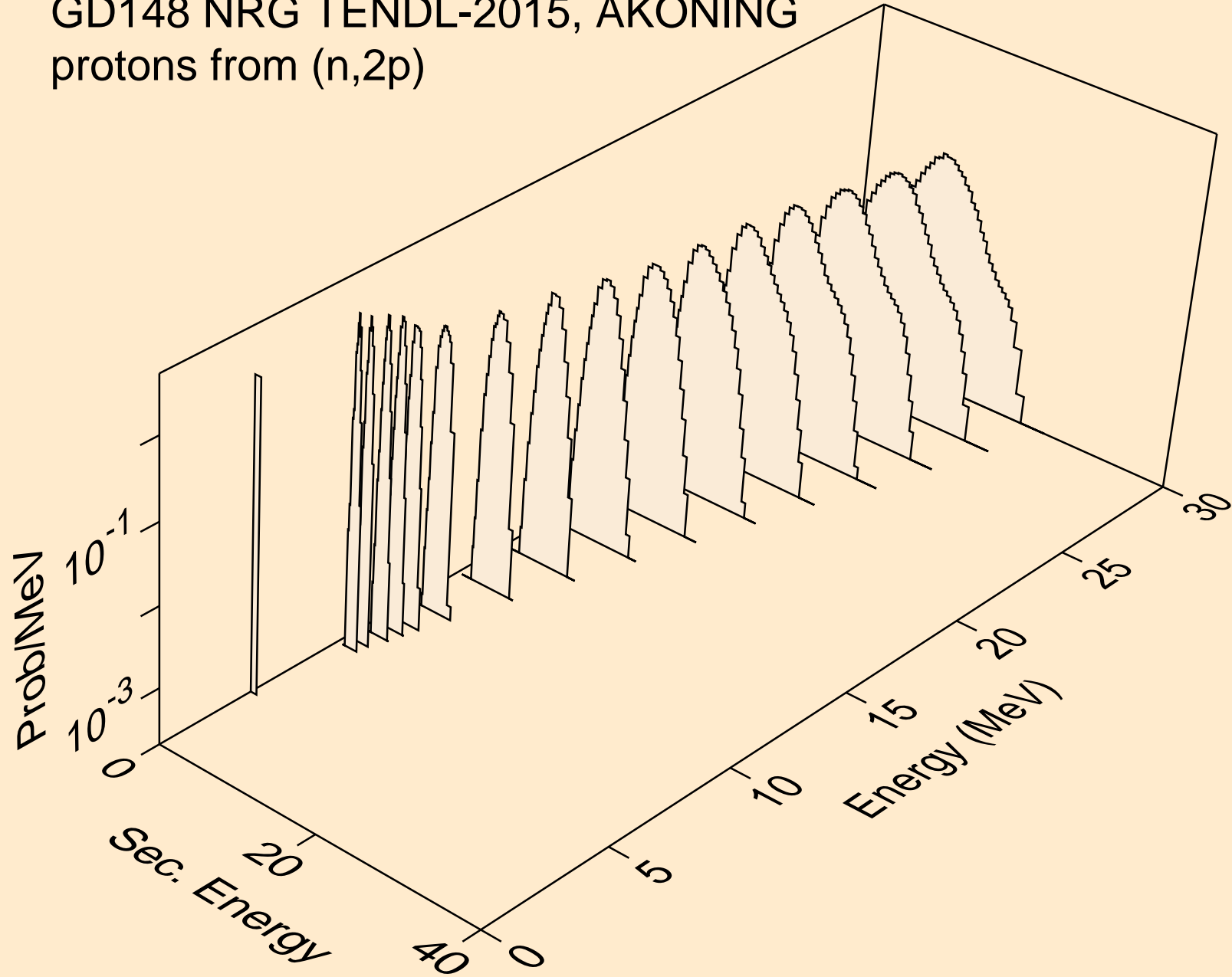
GD148 NRG TENDL-2015, AKONING  
protons from (n,npa)



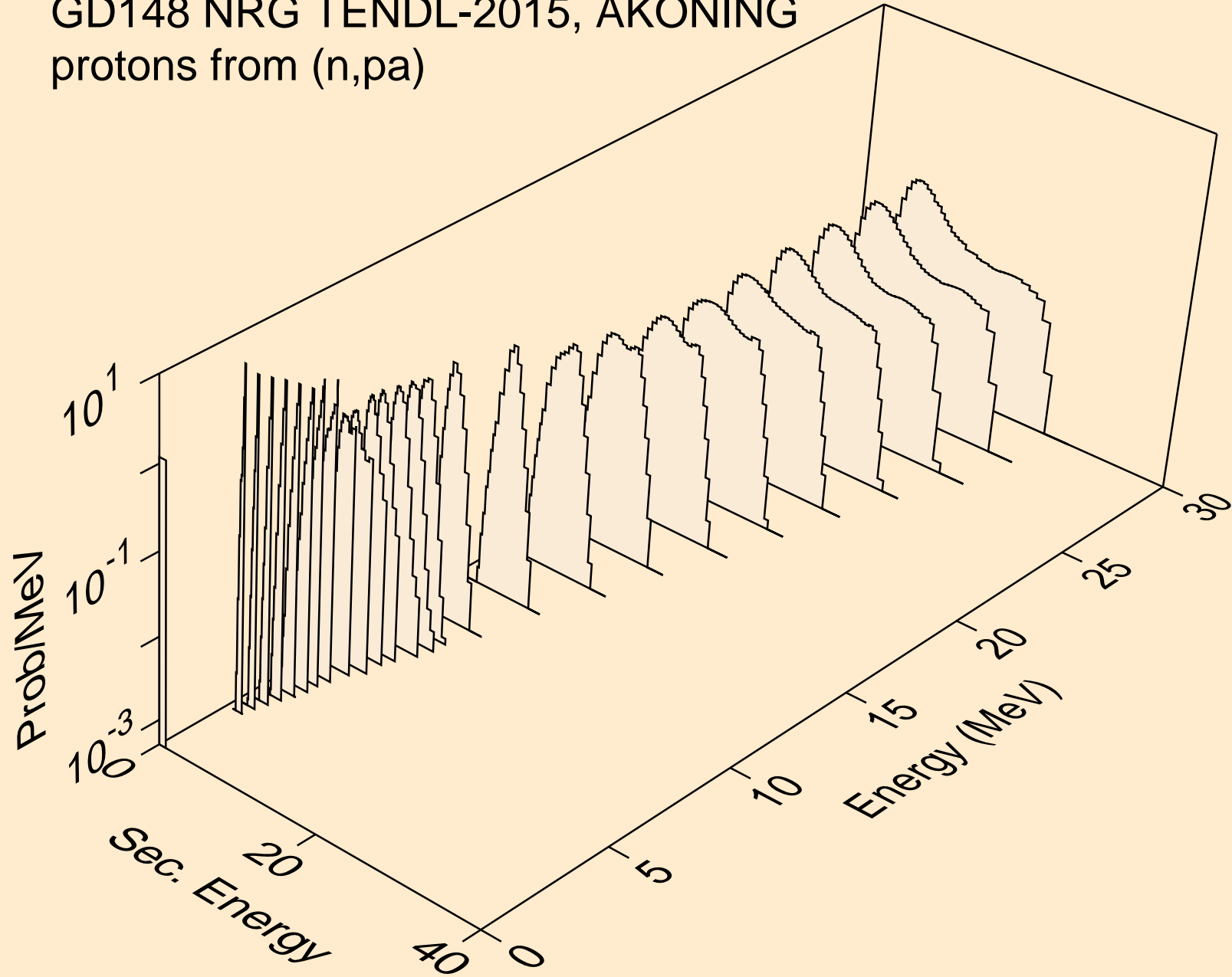
GD148 NRG TENDL-2015, AKONING  
protons from (n,p)



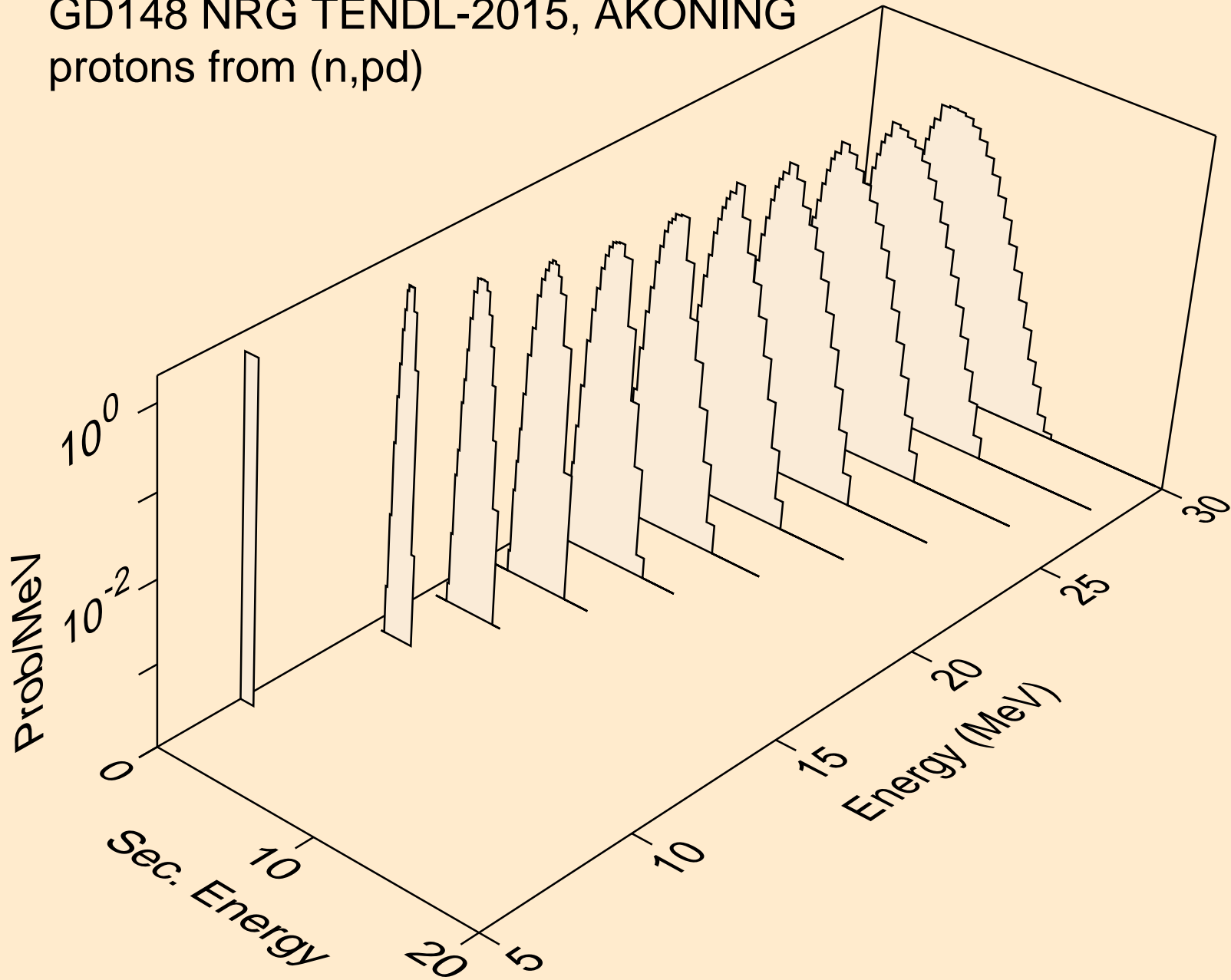
GD148 NRG TENDL-2015, AKONING  
protons from (n,2p)



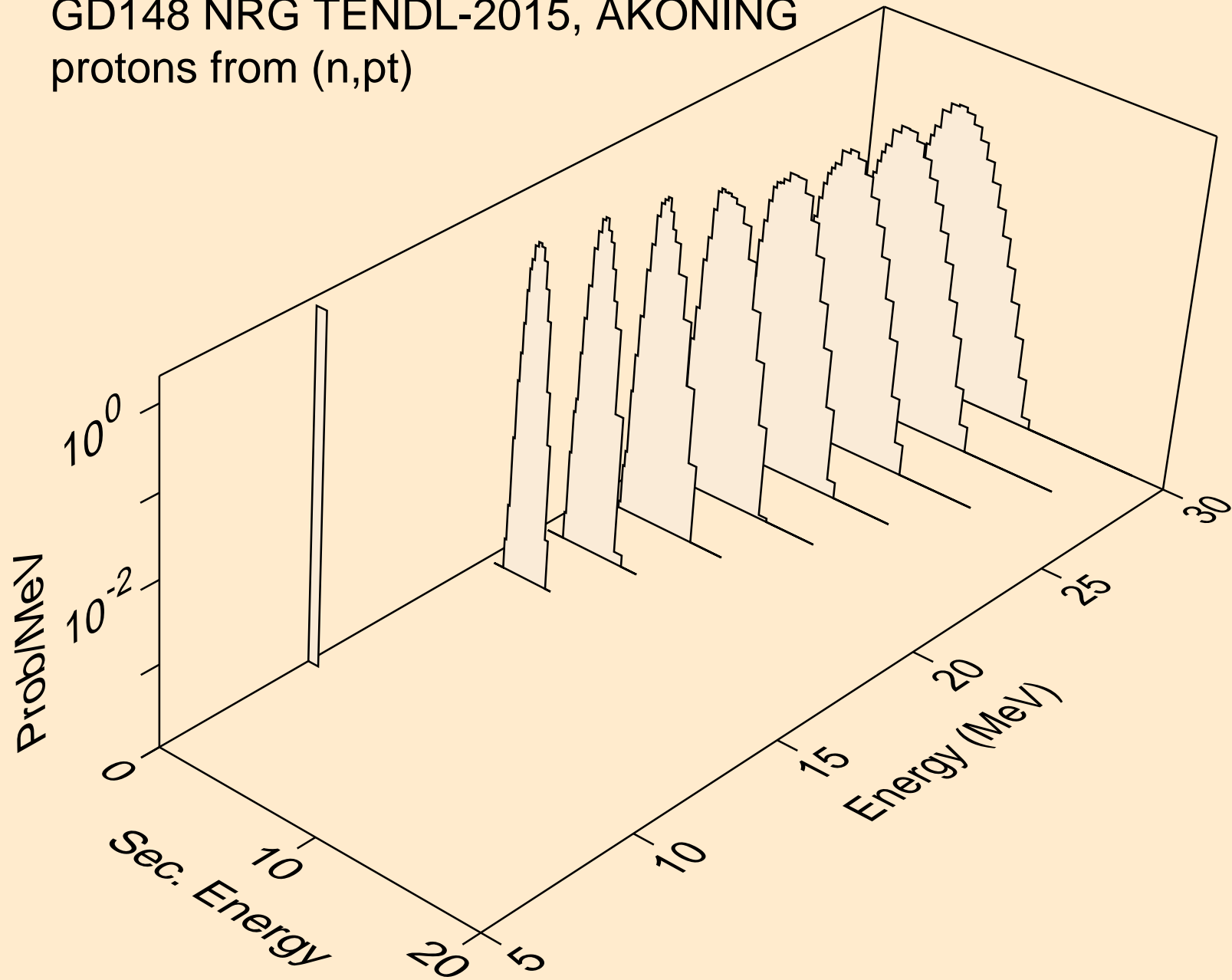
GD148 NRG TENDL-2015, AKONING  
protons from (n,pa)



GD148 NRG TENDL-2015, AKONING  
protons from (n,pd)

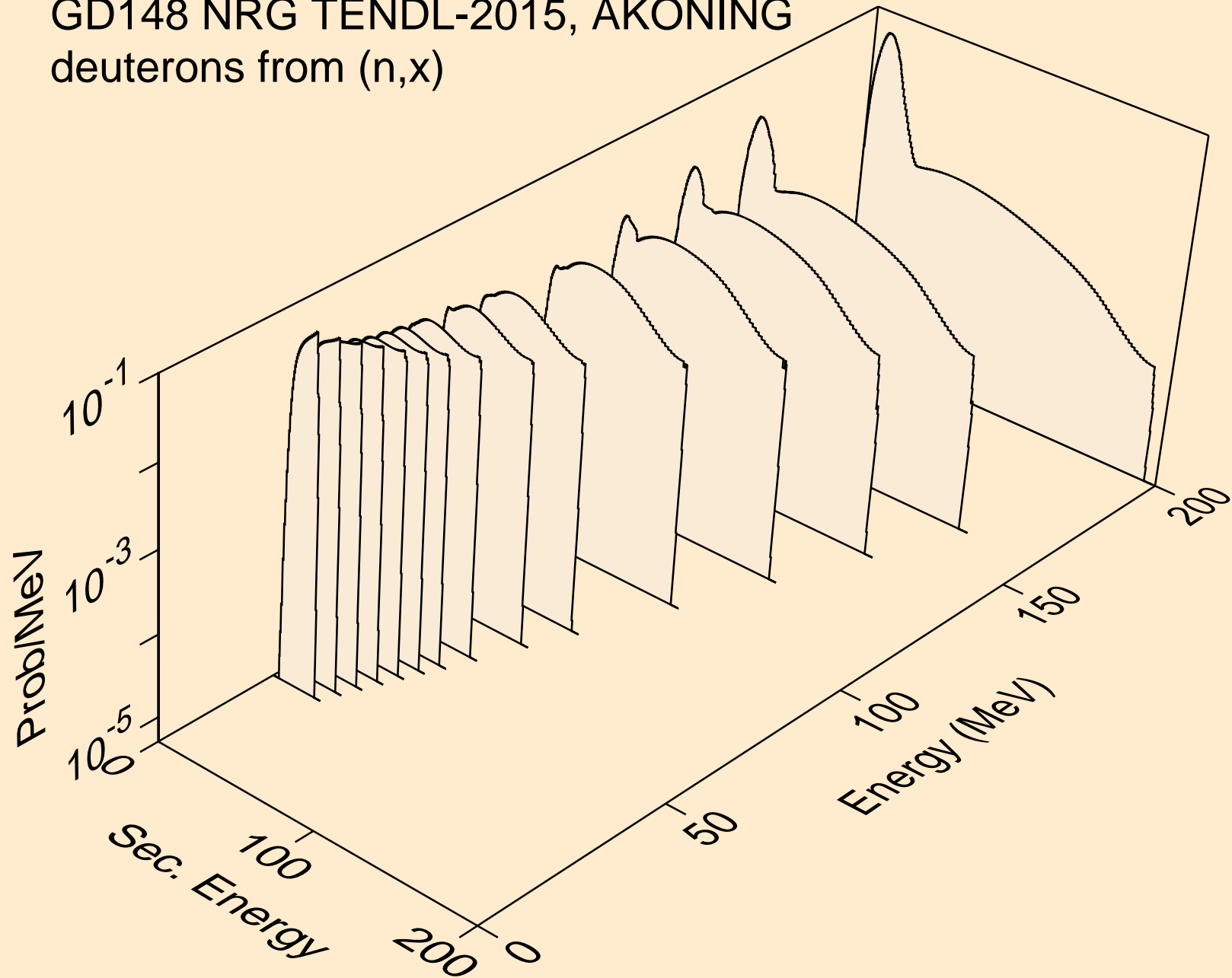


GD148 NRG TENDL-2015, AKONING  
protons from (n,pt)

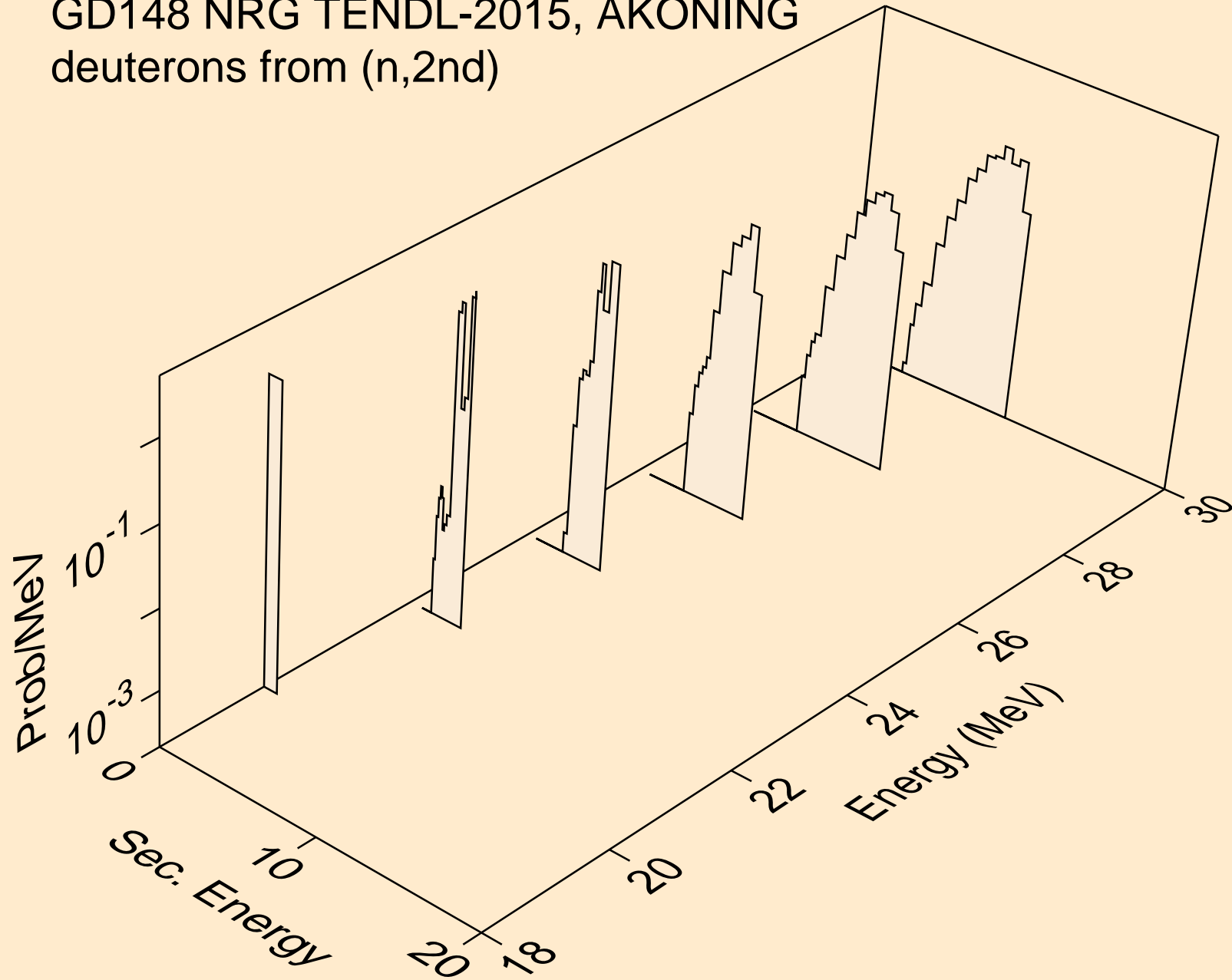




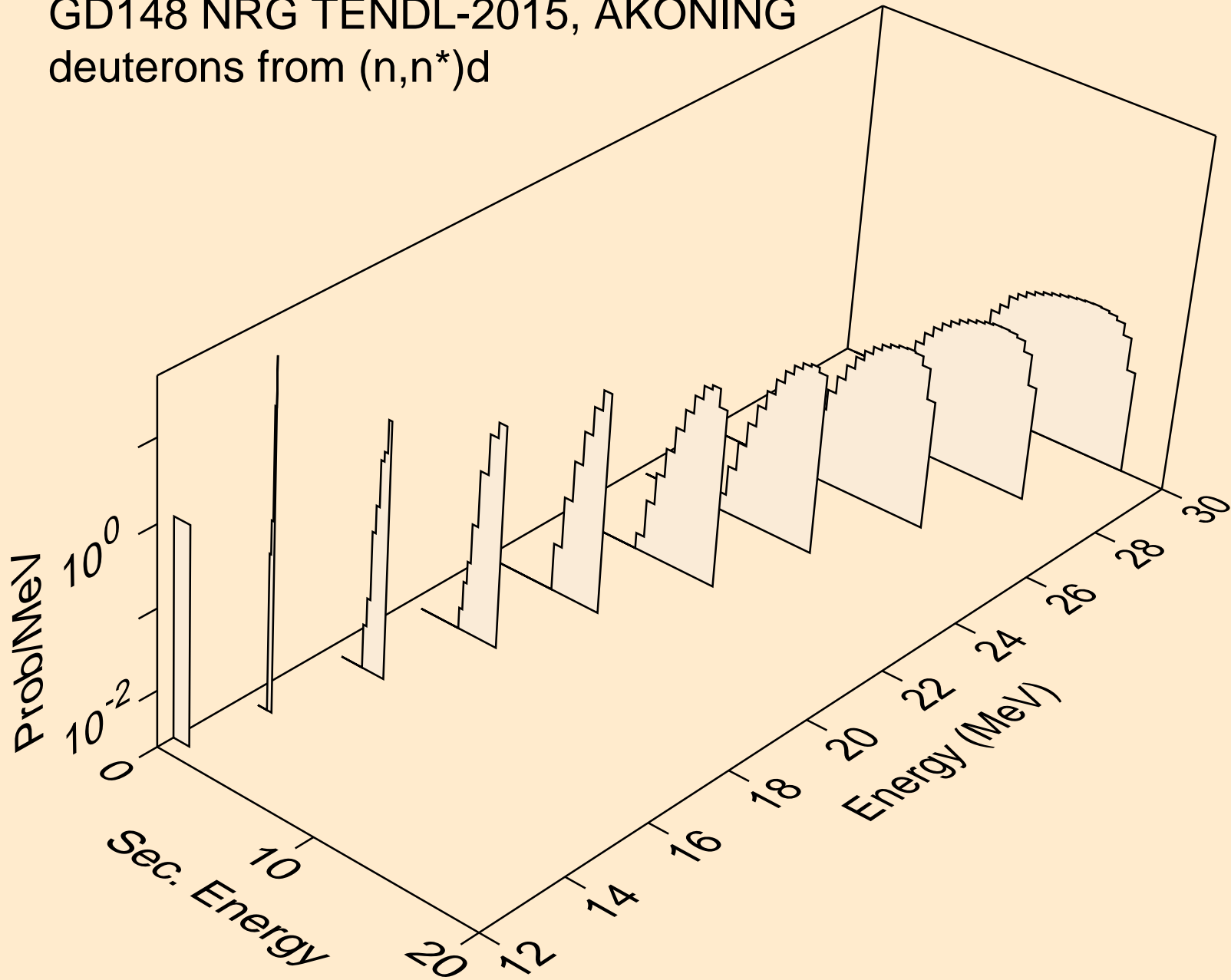
GD148 NRG TENDL-2015, AKONING  
deuterons from (n,x)



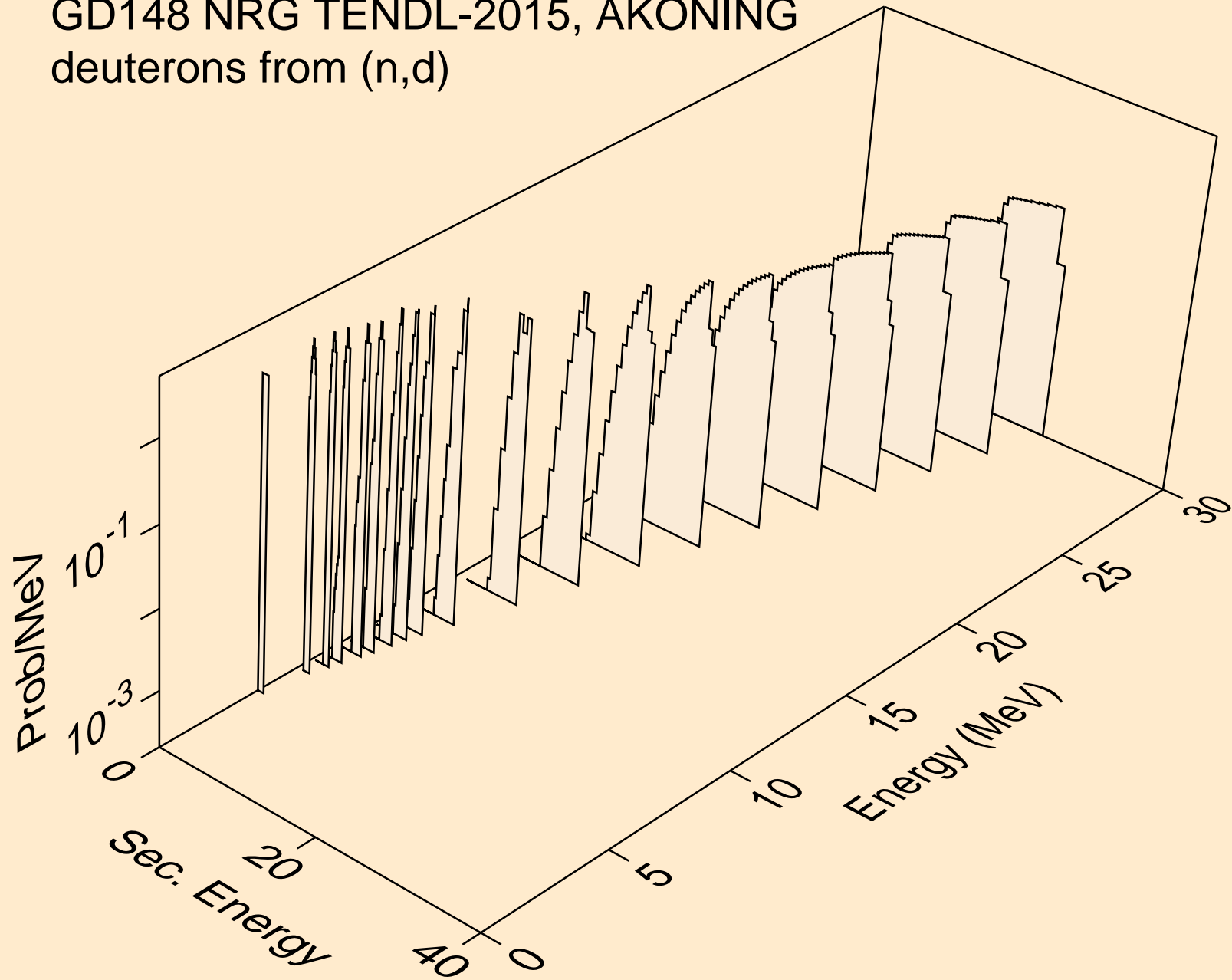
GD148 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



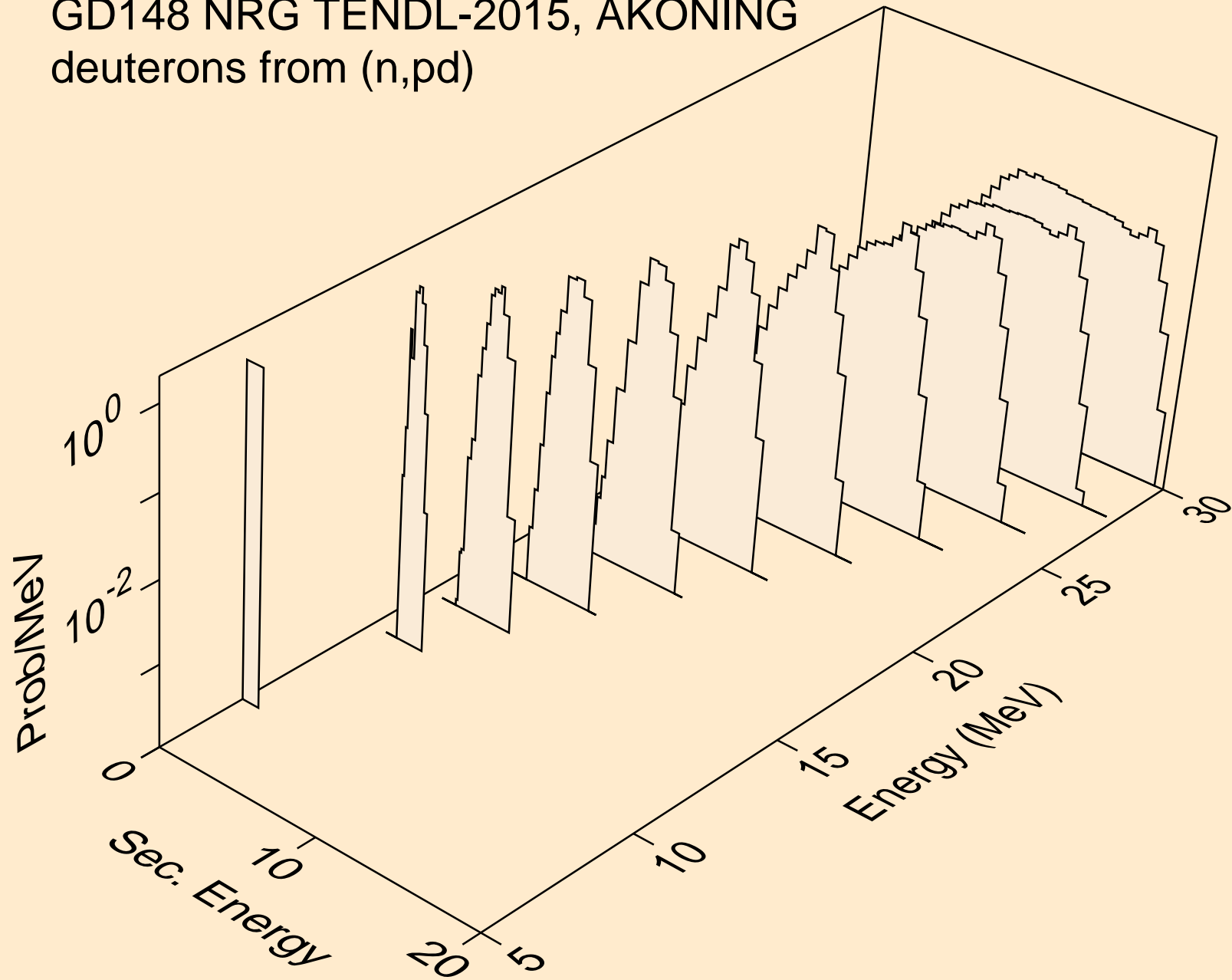
GD148 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



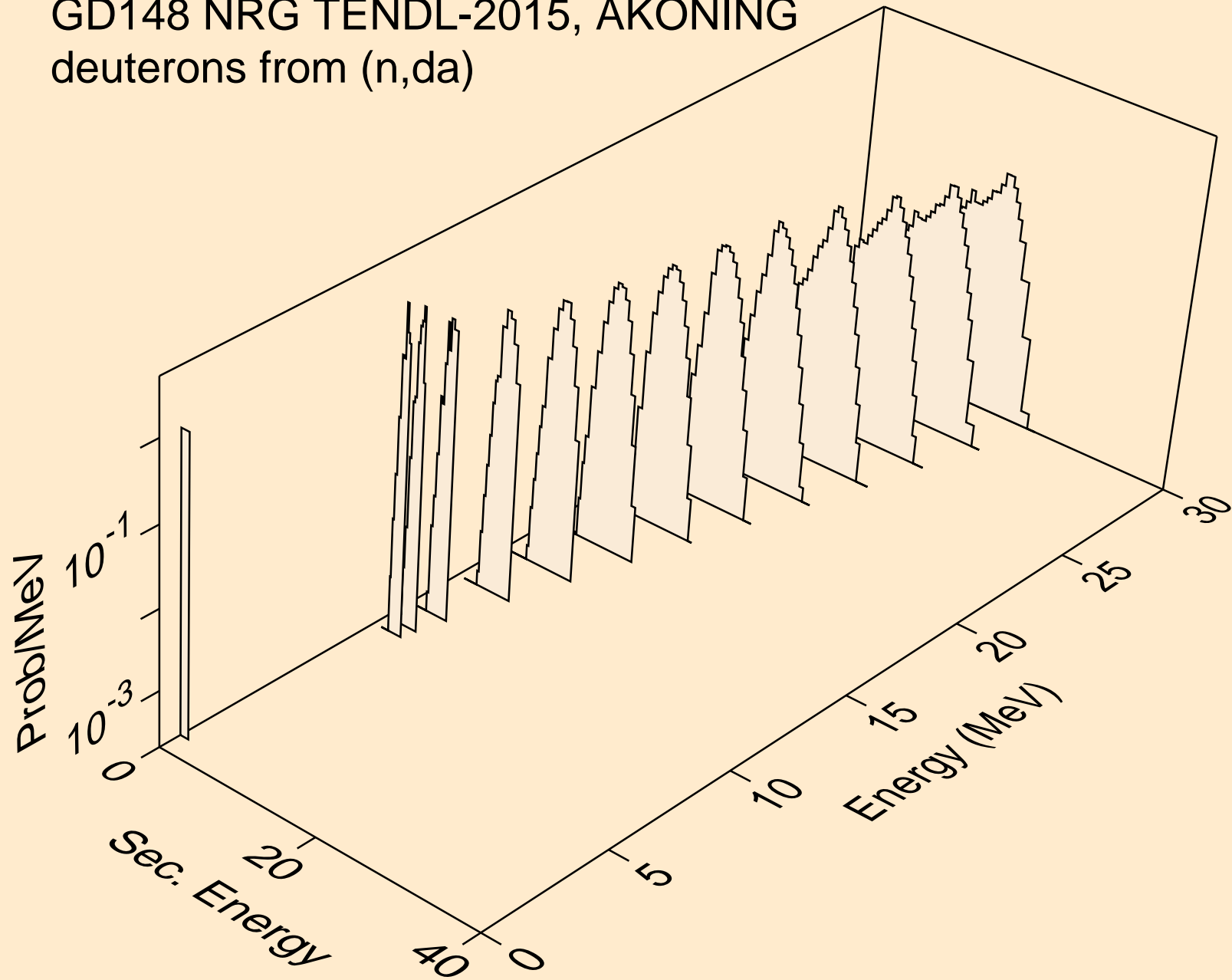
GD148 NRG TENDL-2015, AKONING  
deuterons from (n,d)



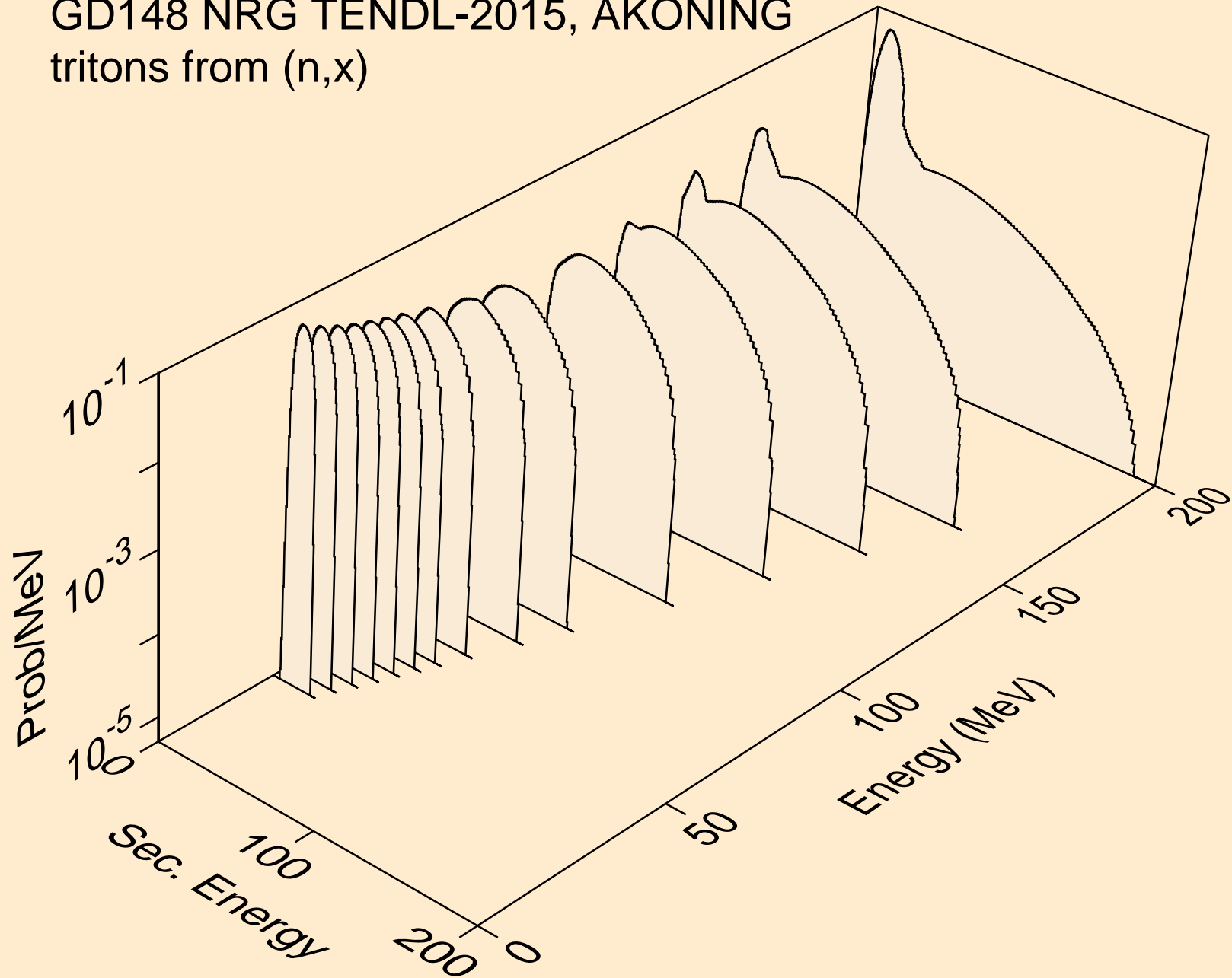
GD148 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



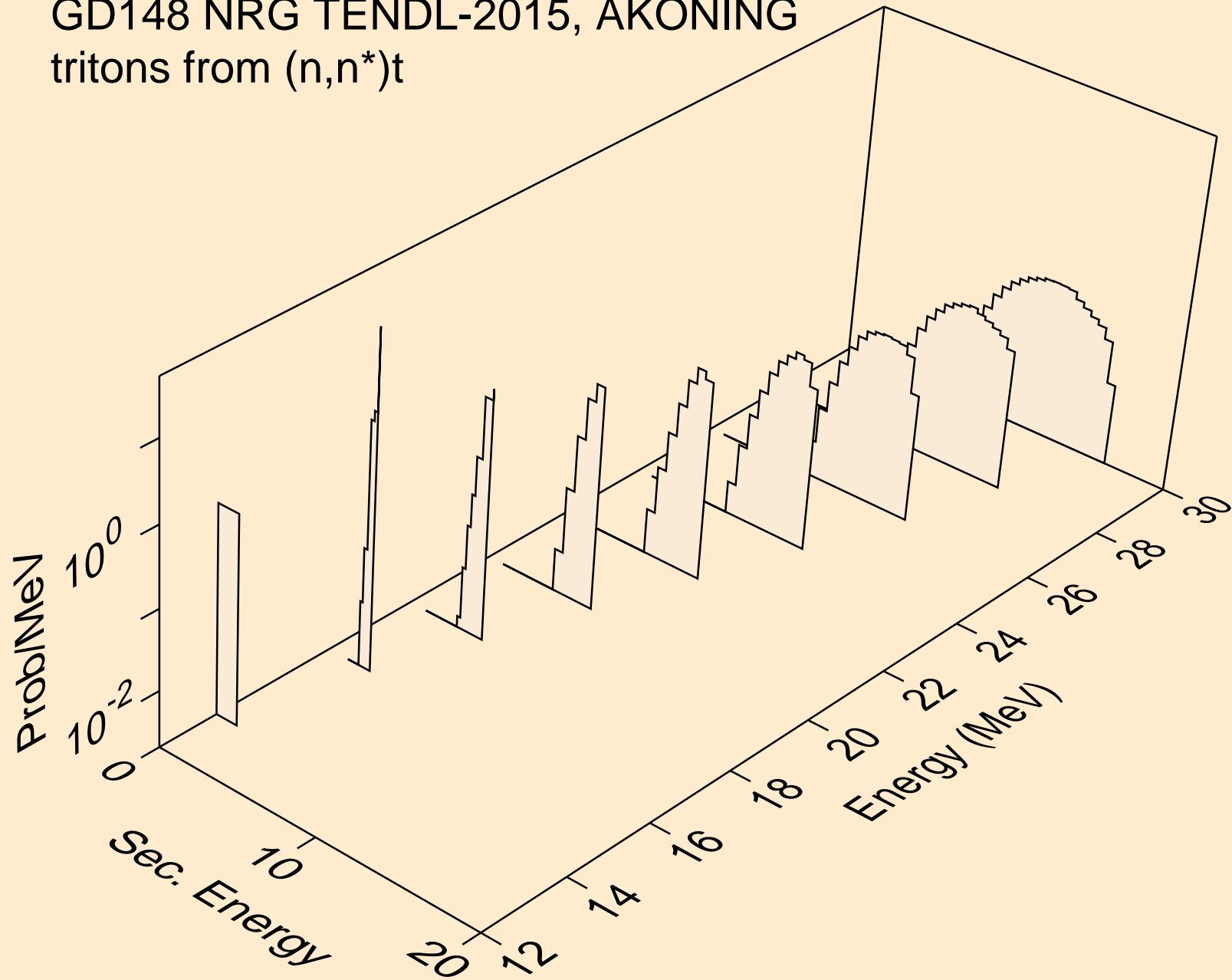
GD148 NRG TENDL-2015, AKONING  
deuterons from (n,da)



GD148 NRG TENDL-2015, AKONING  
tritons from (n,x)

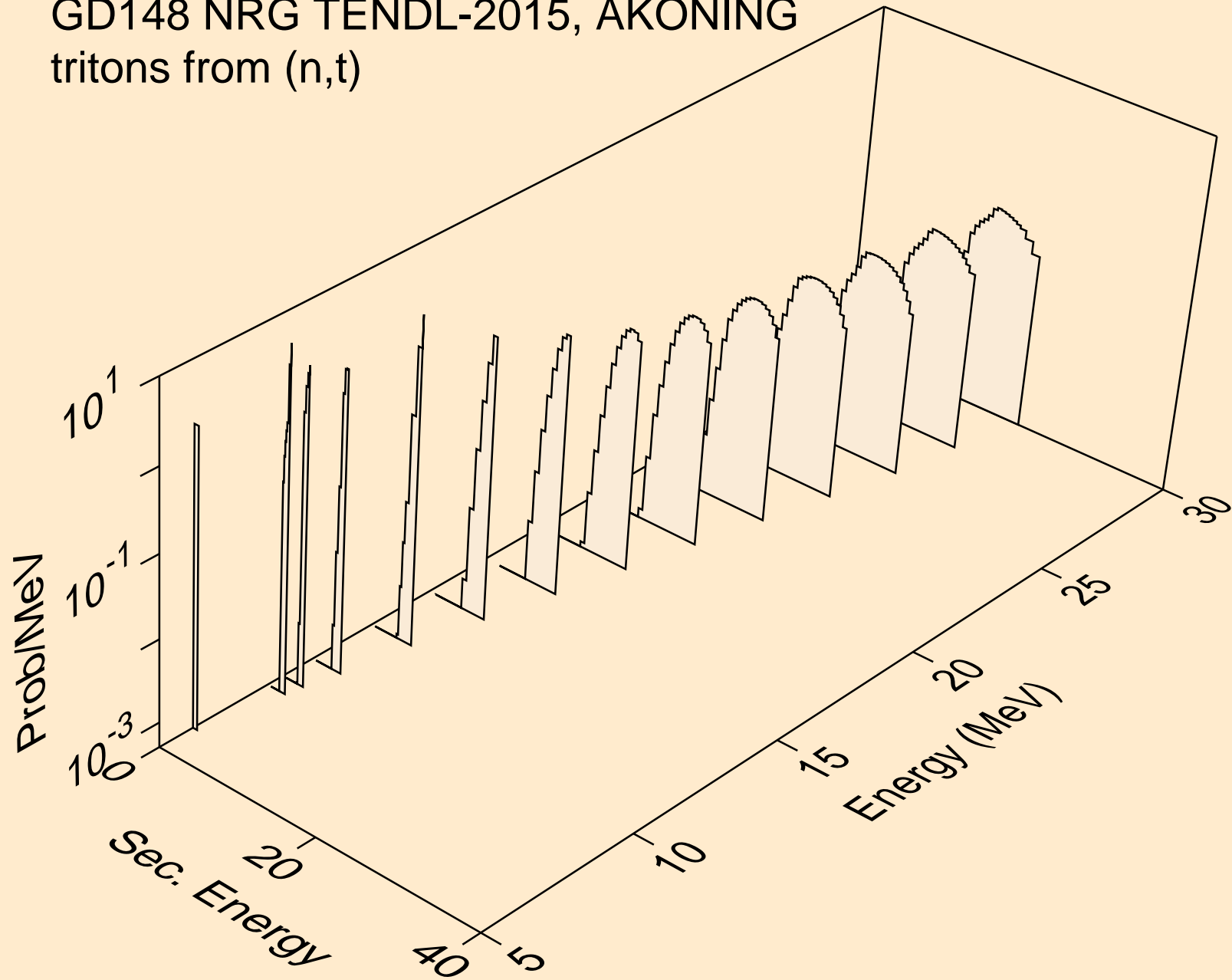


GD148 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

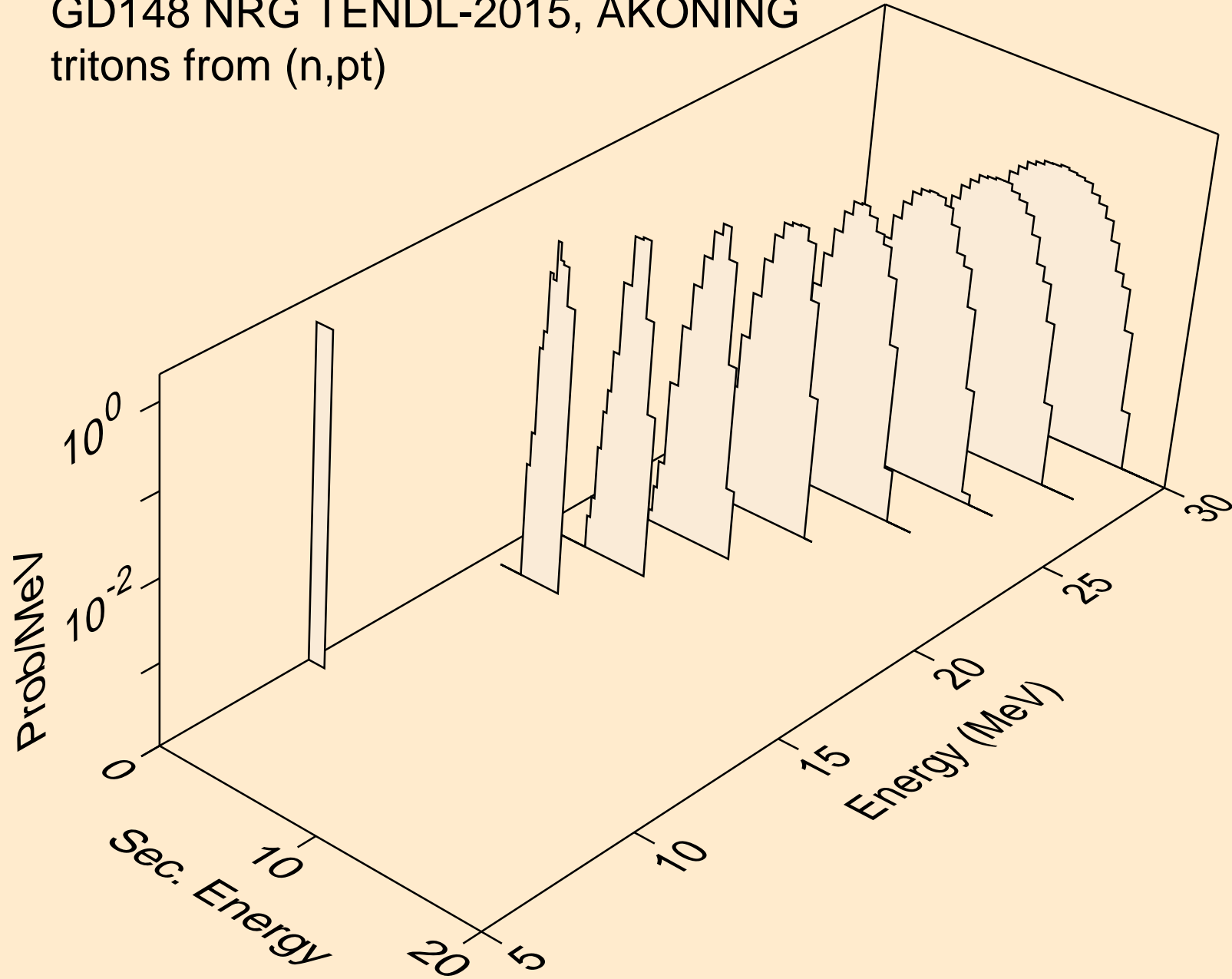




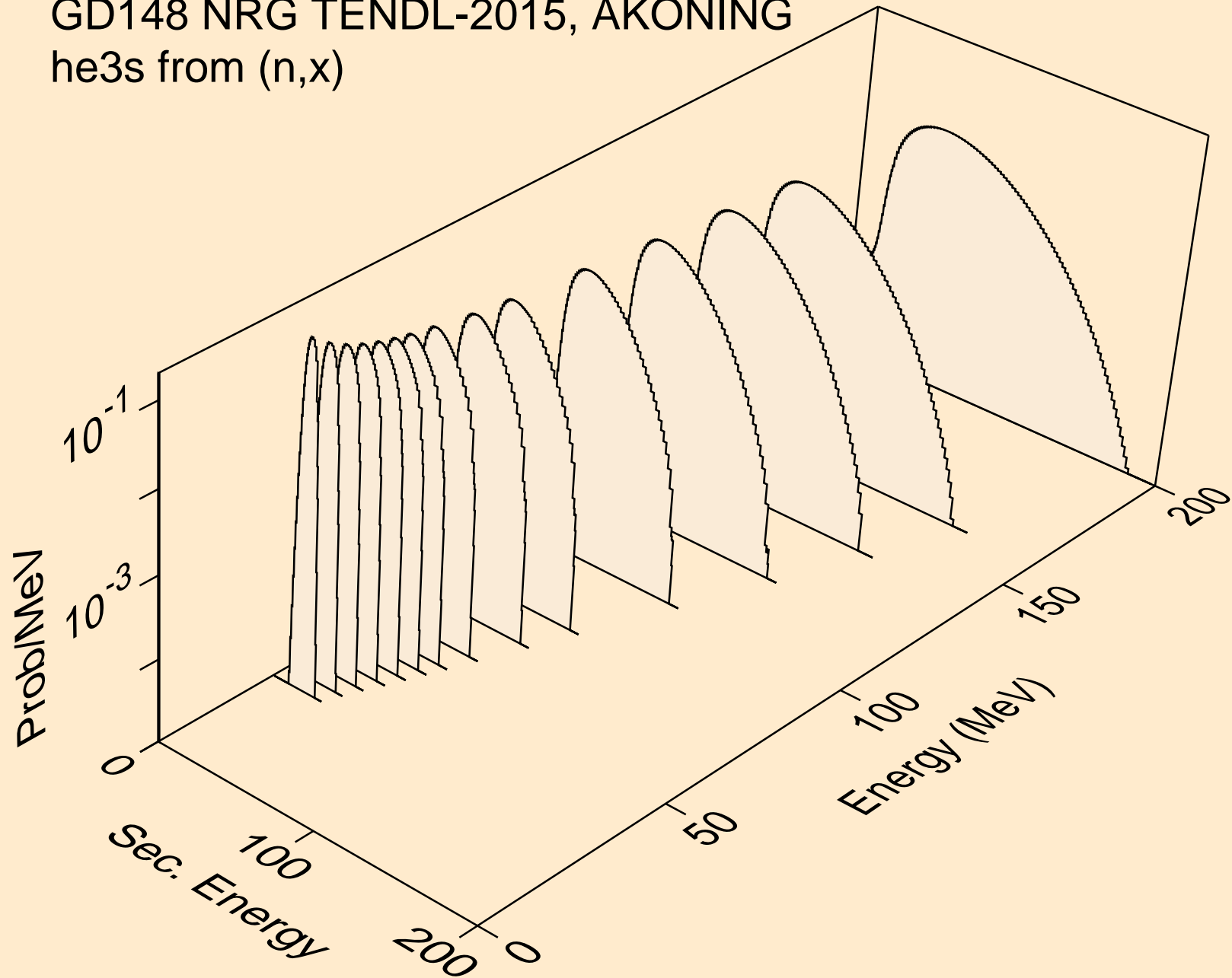
GD148 NRG TENDL-2015, AKONING  
tritons from (n,t)



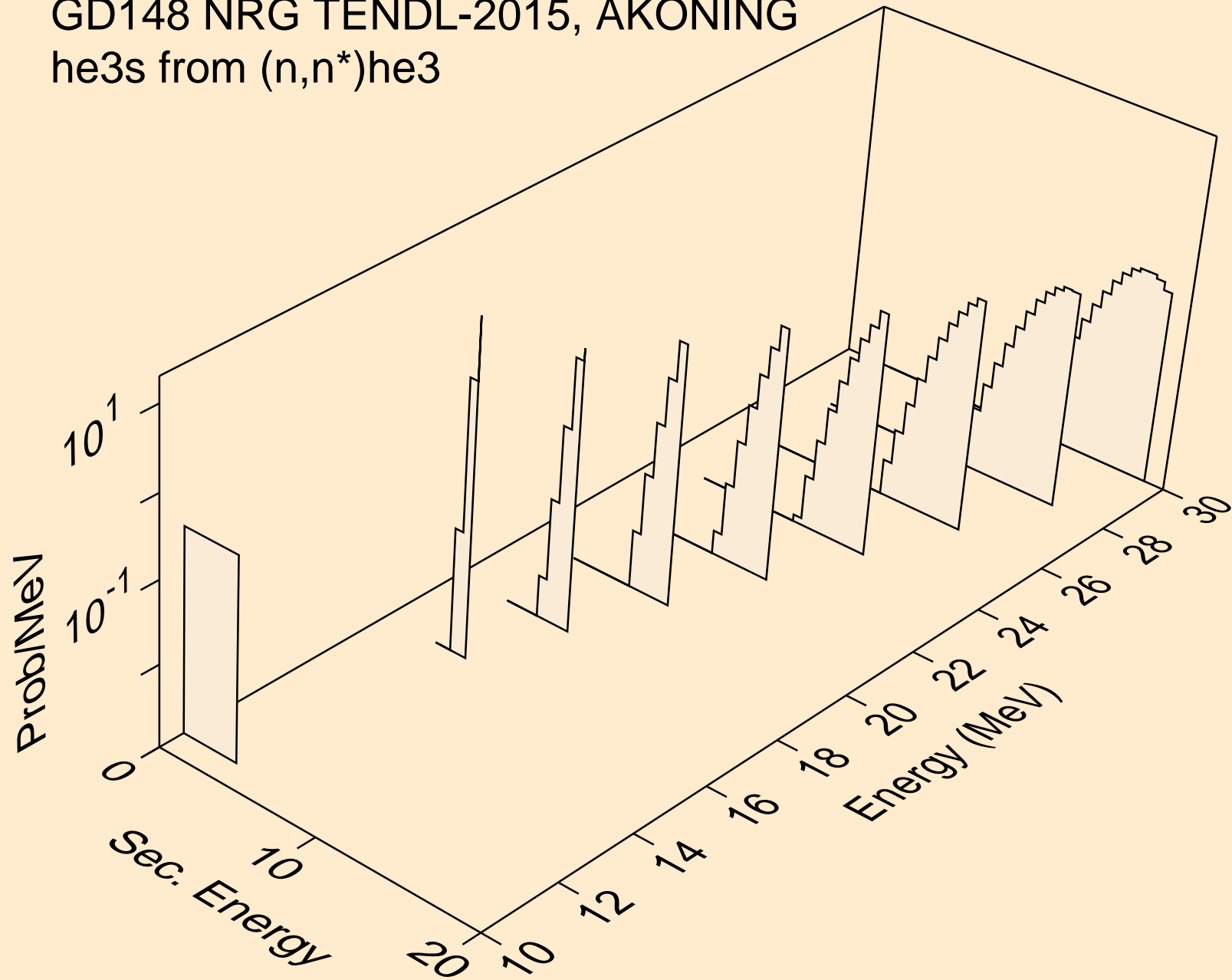
GD148 NRG TENDL-2015, AKONING  
tritons from (n,pt)



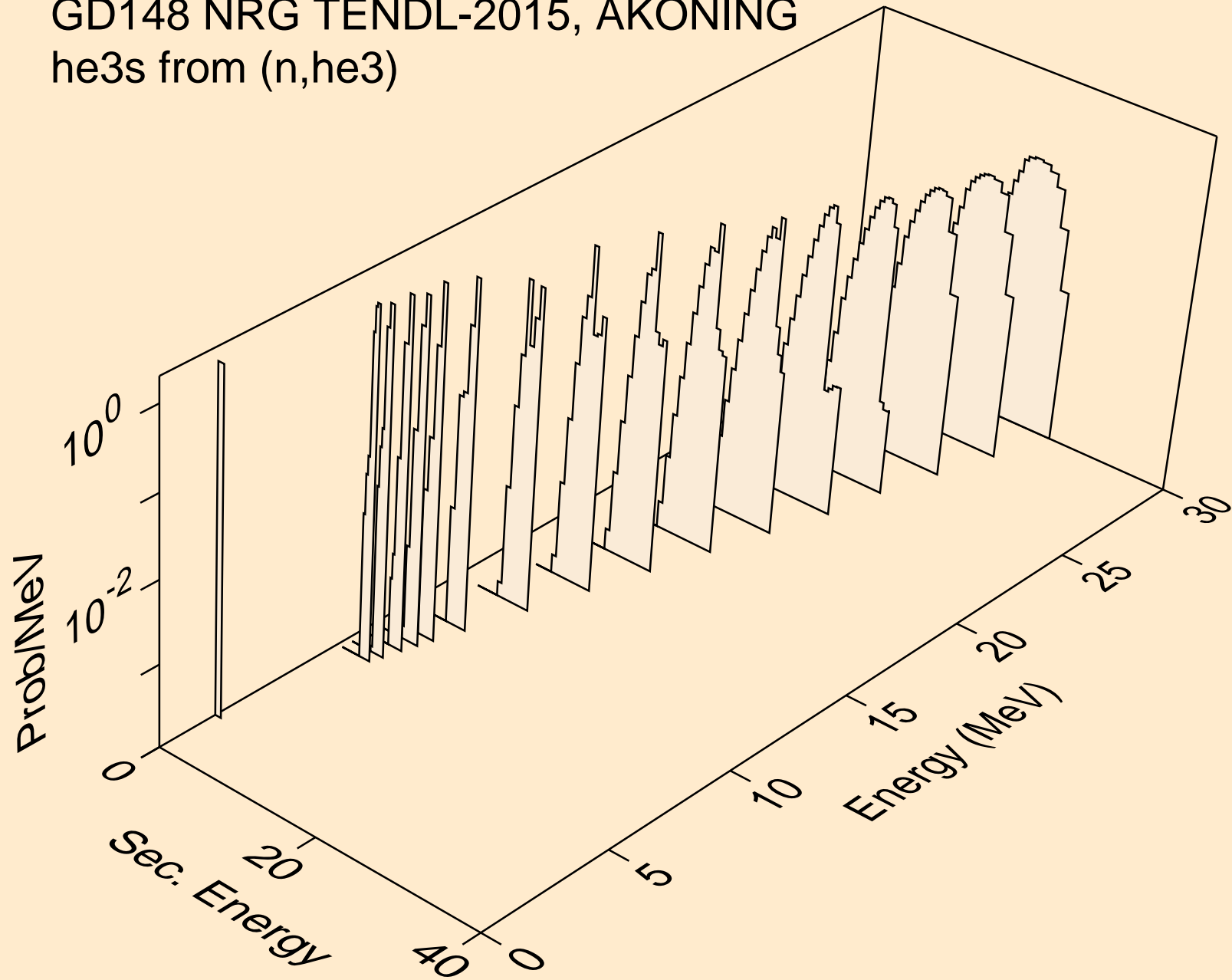
GD148 NRG TENDL-2015, AKONING  
he3s from (n,x)



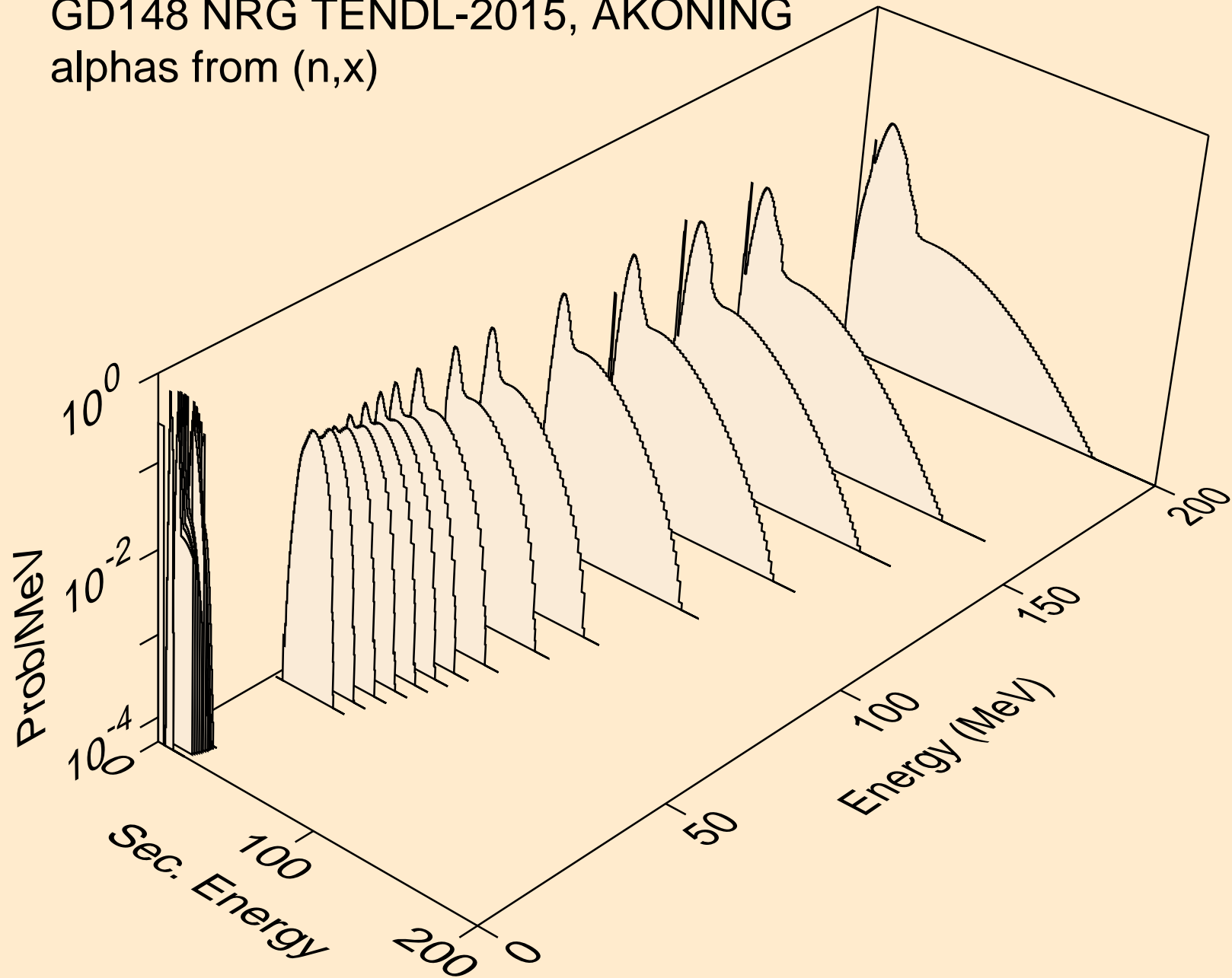
GD148 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



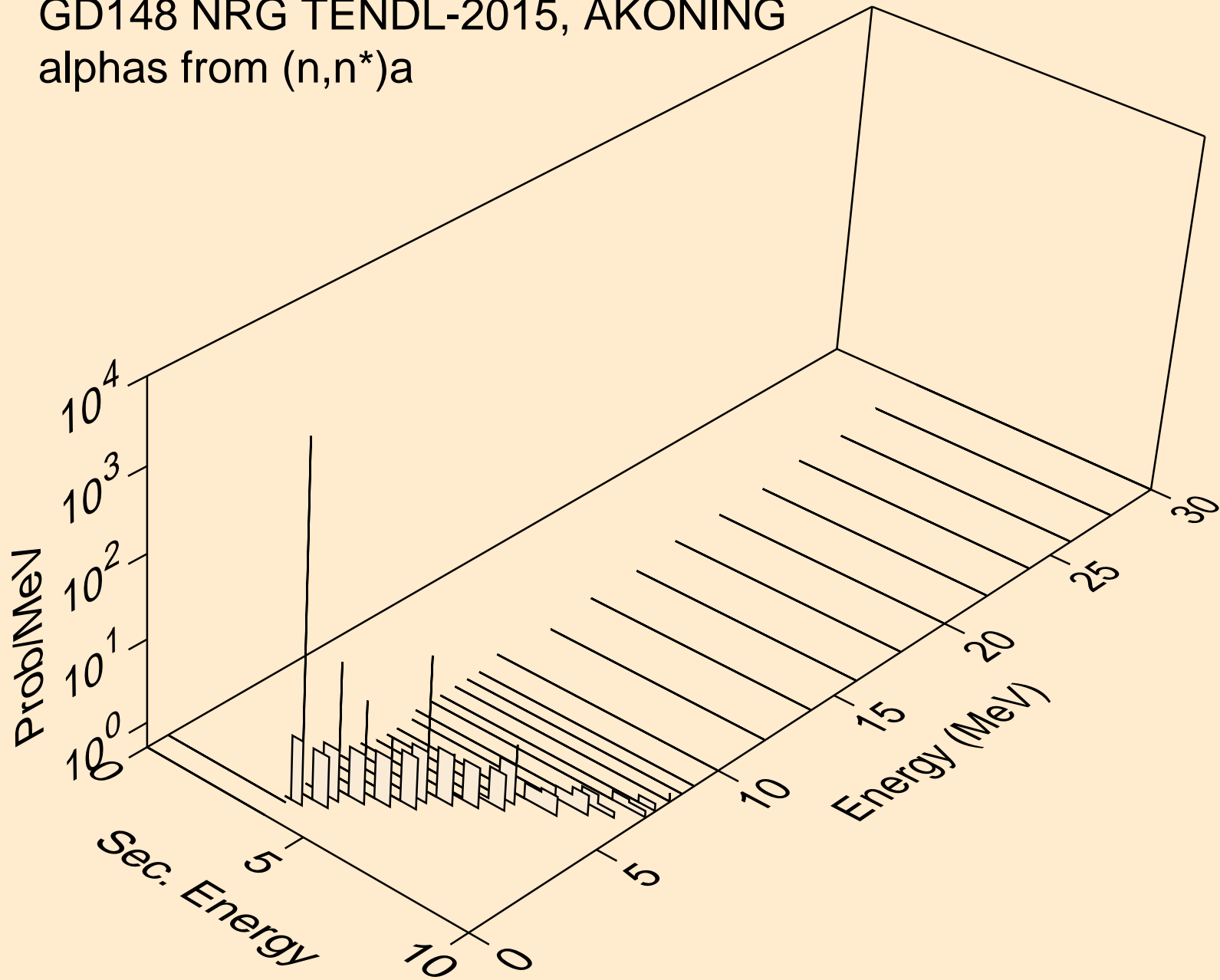
GD148 NRG TENDL-2015, AKONING  
he3s from (n,he3)



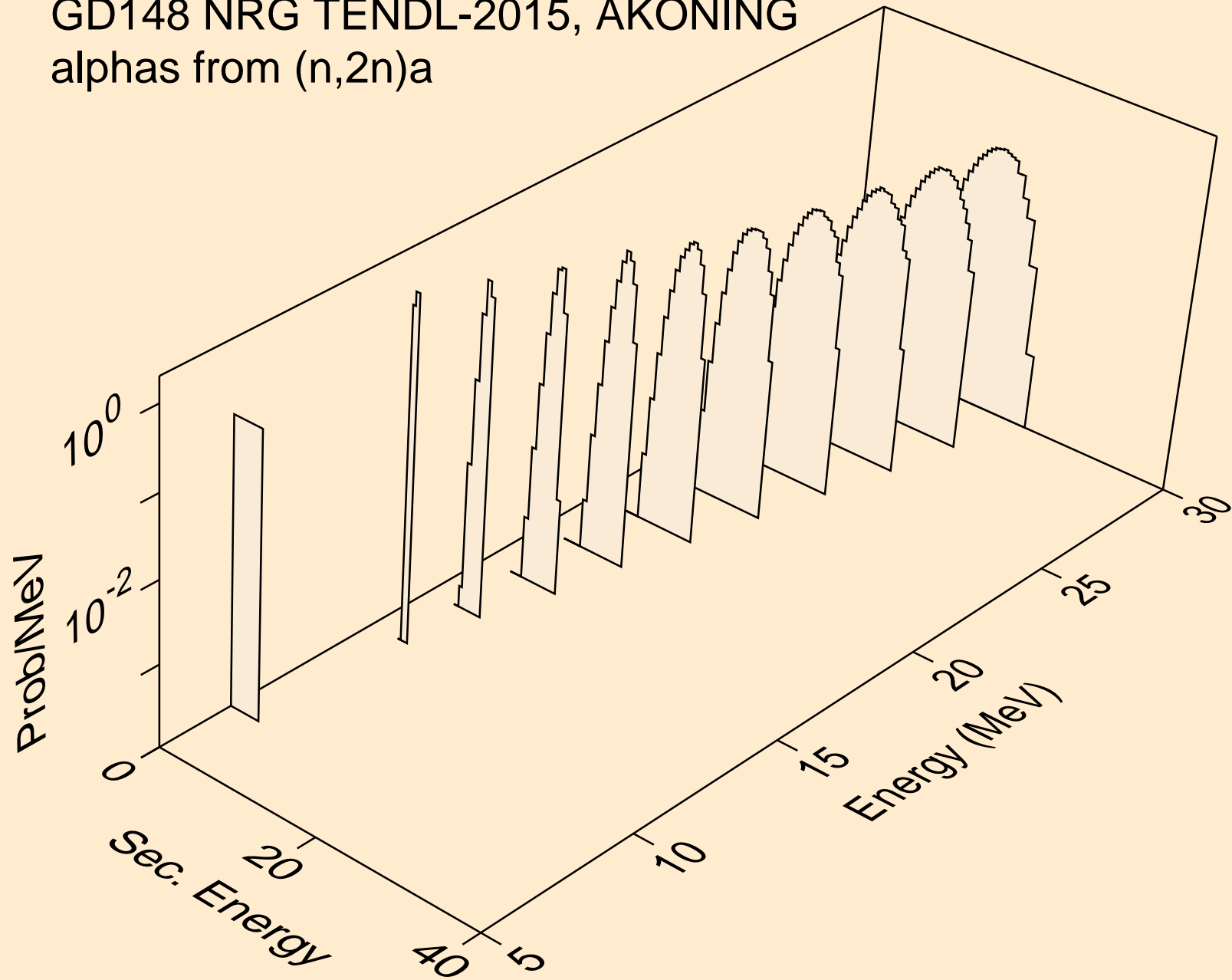
GD148 NRG TENDL-2015, AKONING  
alphas from (n,x)



GD148 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

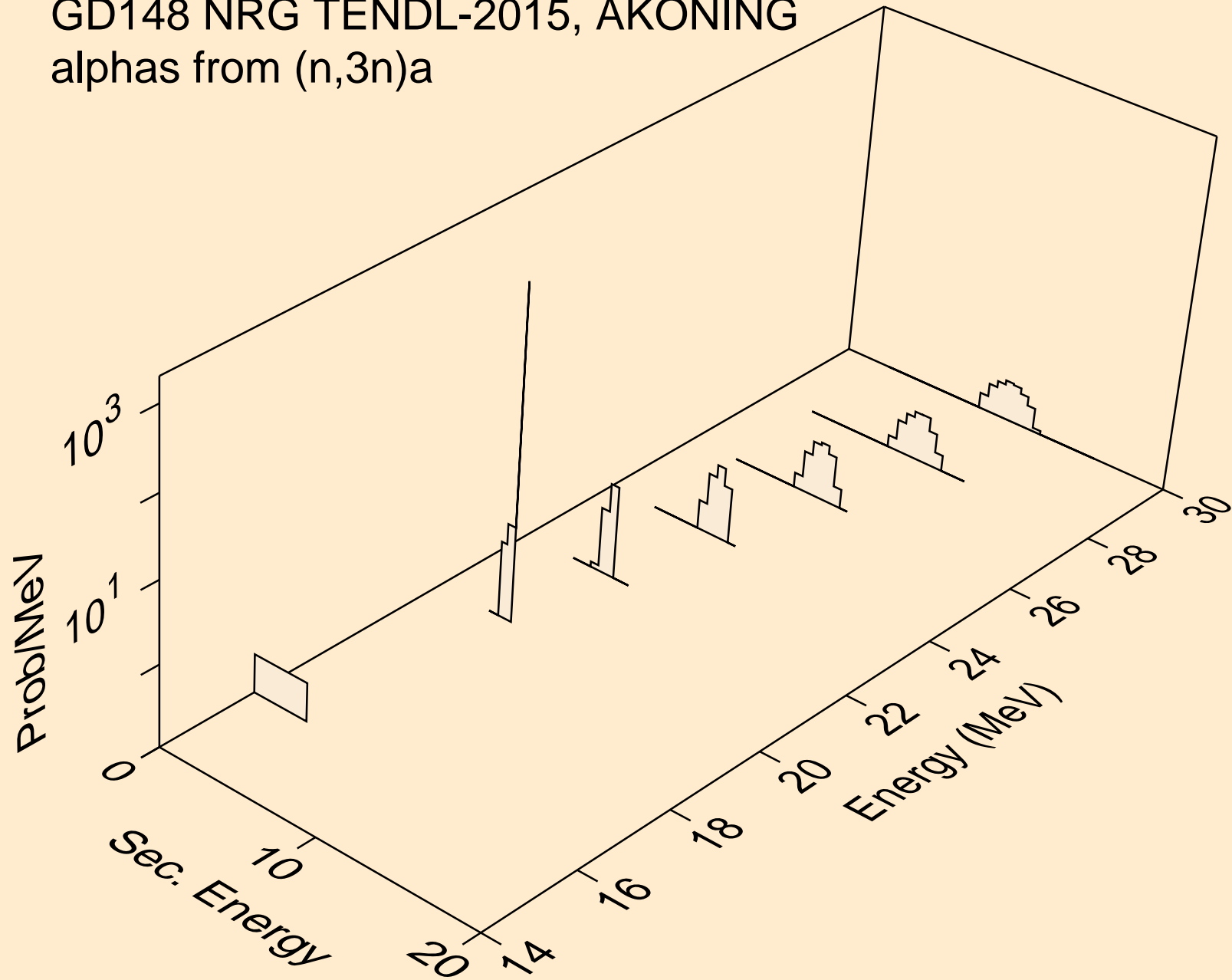


GD148 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

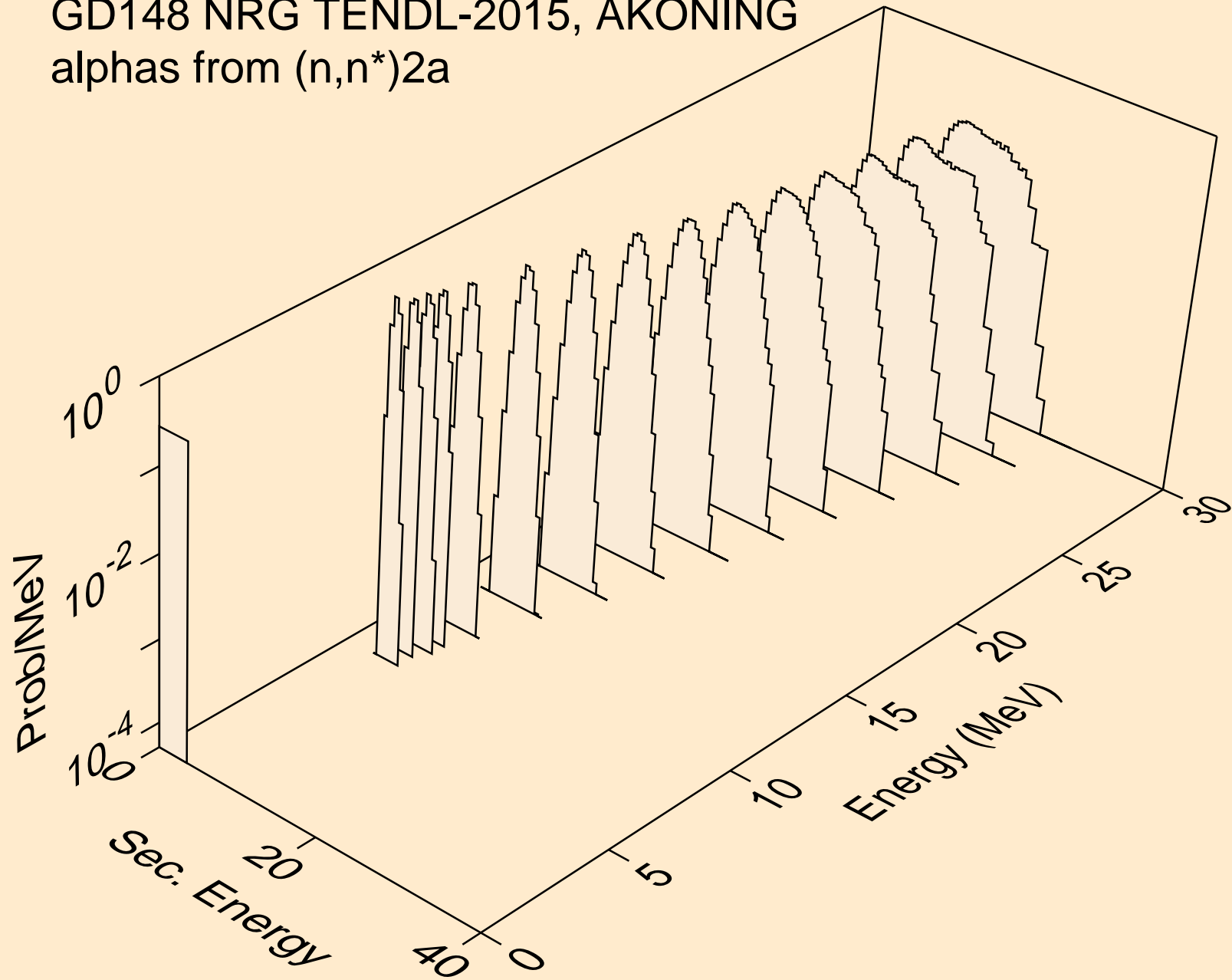




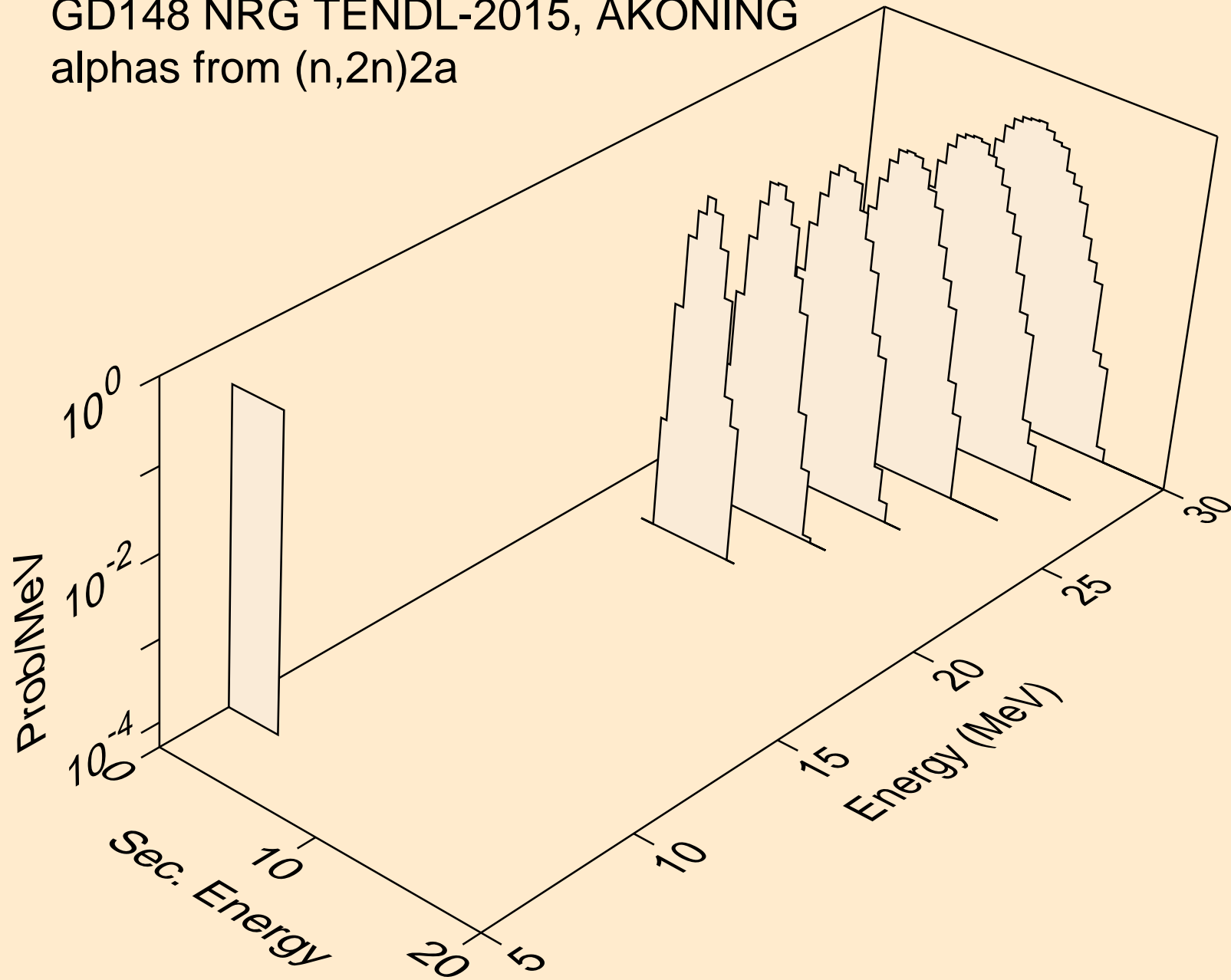
GD148 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



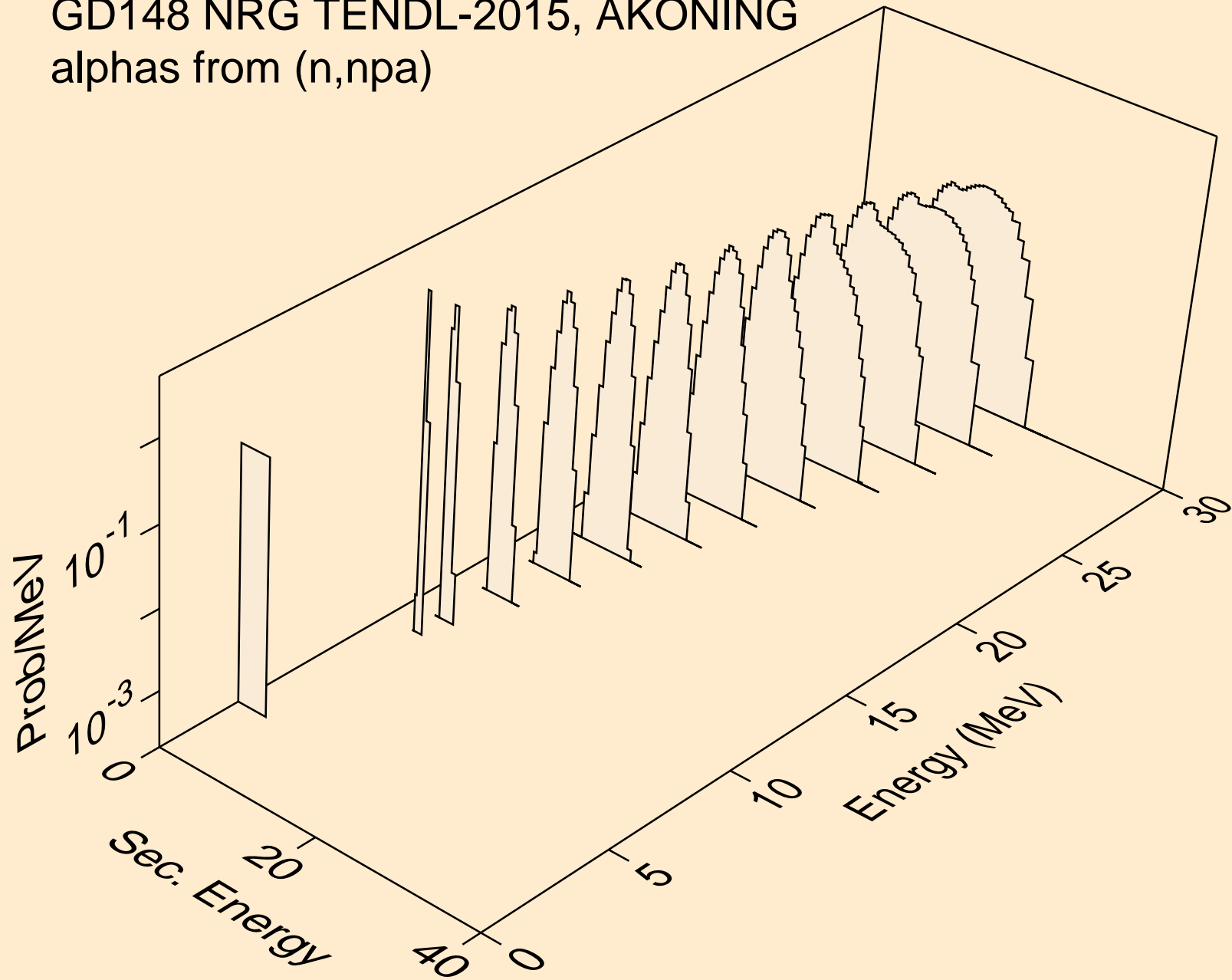
GD148 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



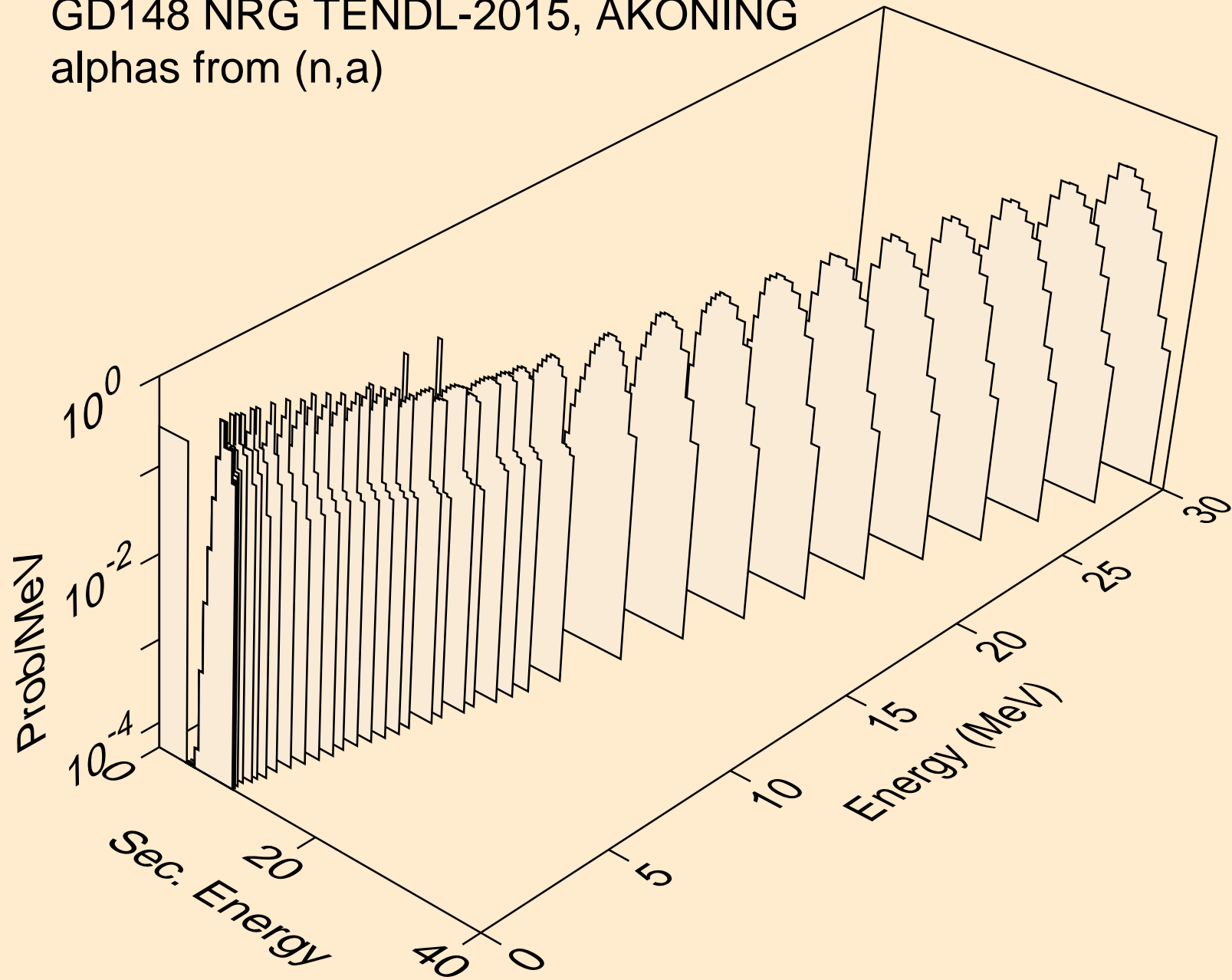
GD148 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



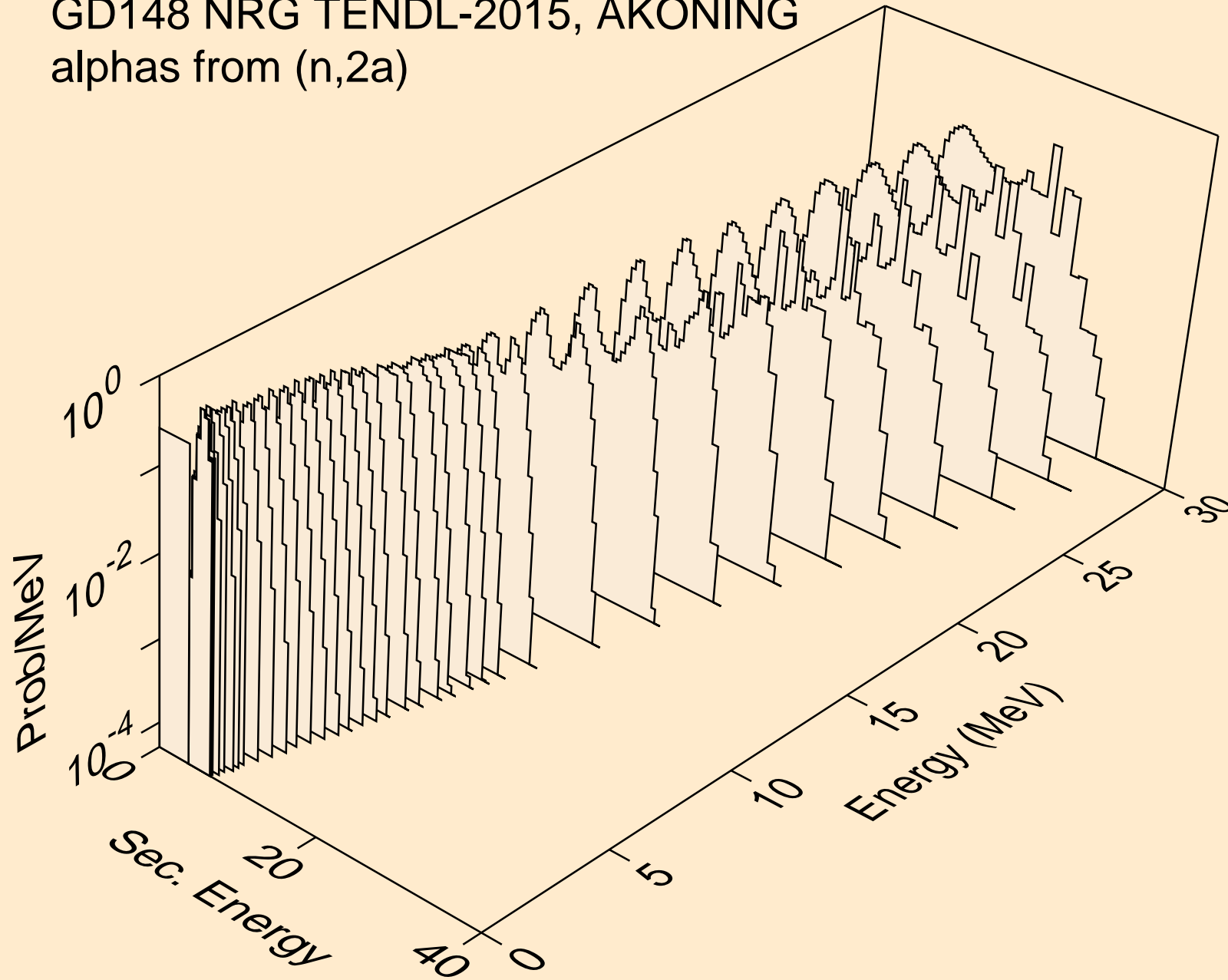
GD148 NRG TENDL-2015, AKONING  
alphas from (n,npa)



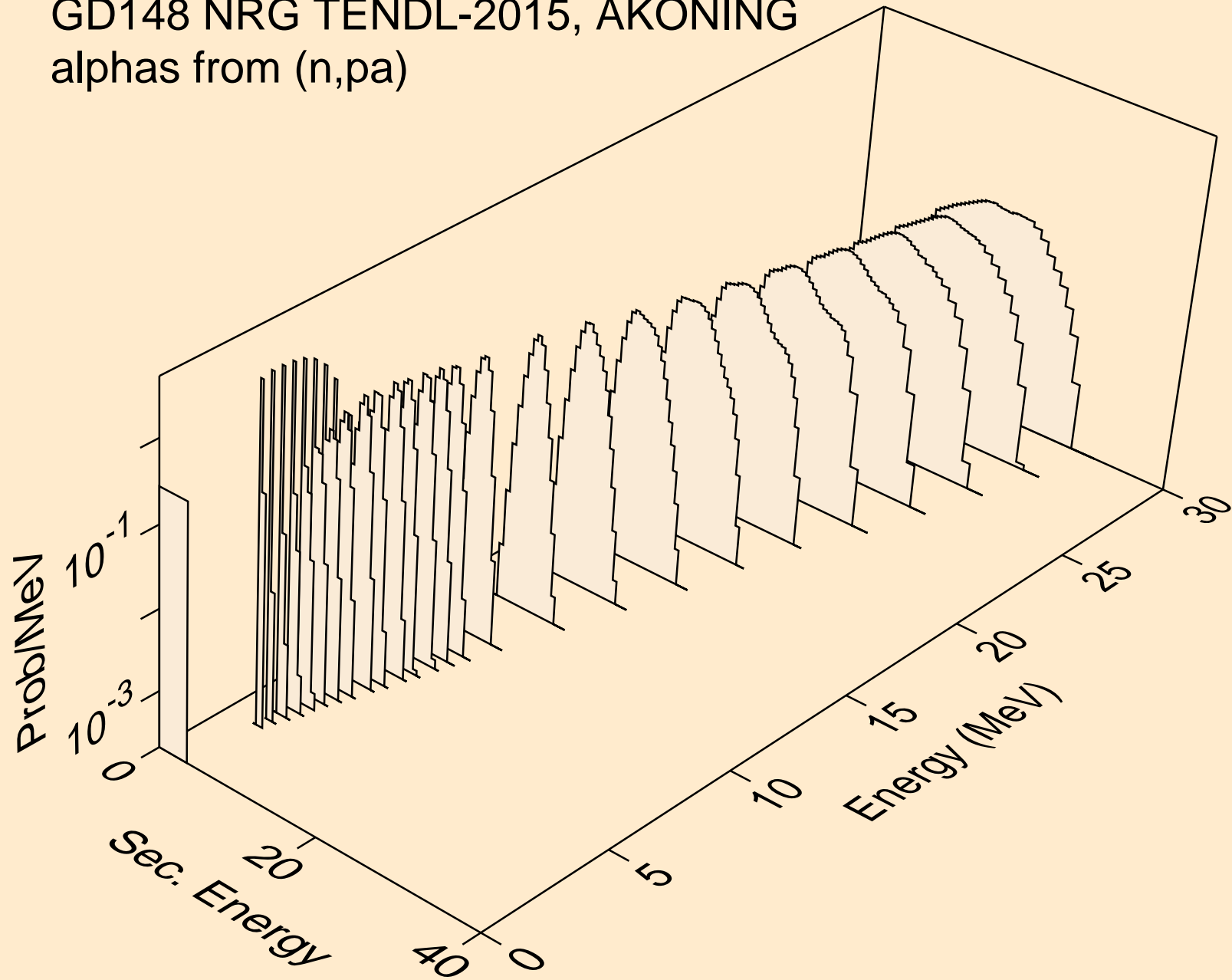
GD148 NRG TENDL-2015, AKONING  
alphas from (n,a)



GD148 NRG TENDL-2015, AKONING  
alphas from (n,2a)



GD148 NRG TENDL-2015, AKONING  
alphas from (n,pa)



GD148 NRG TENDL-2015, AKONING  
alphas from (n,da)

