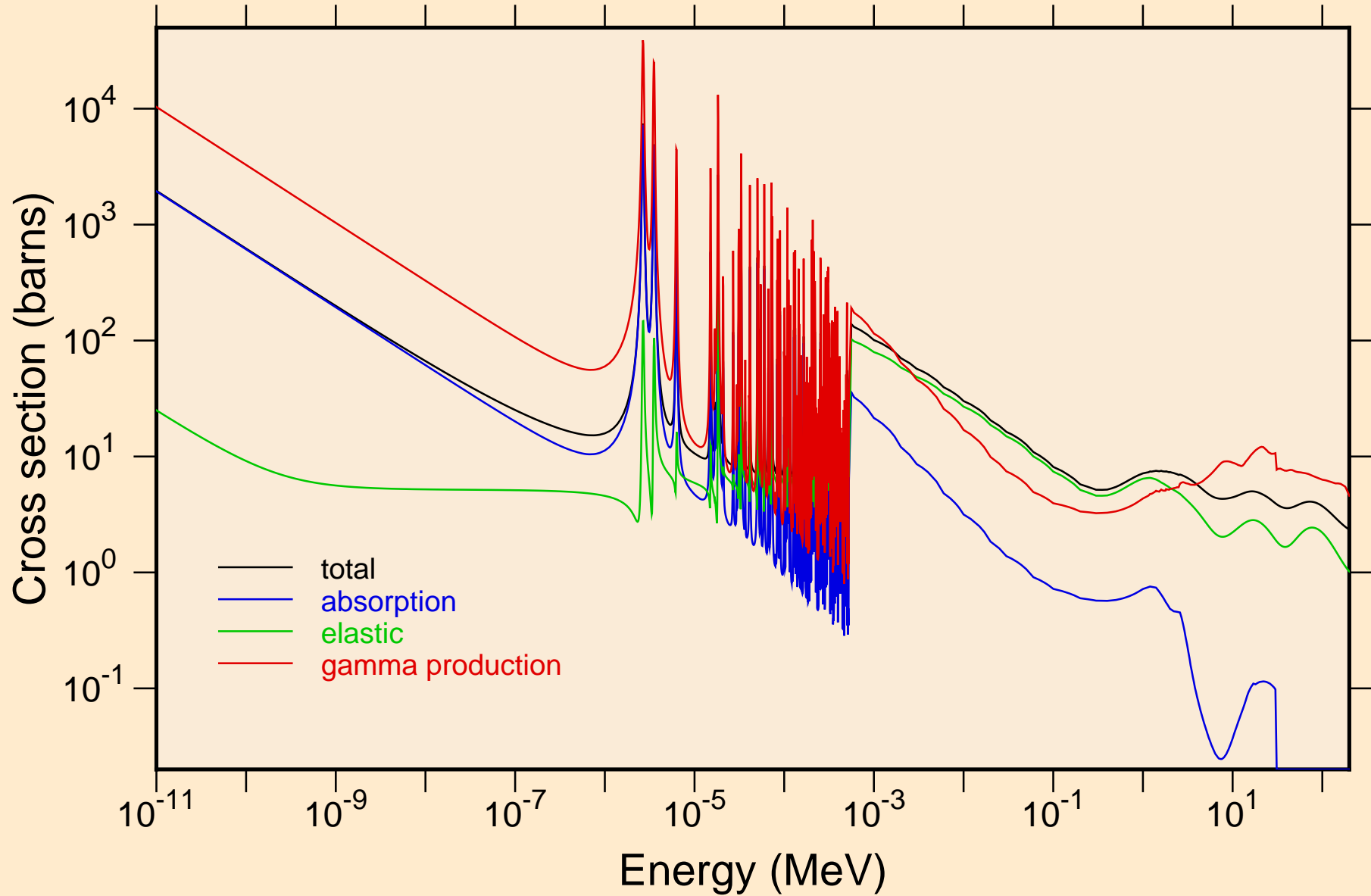
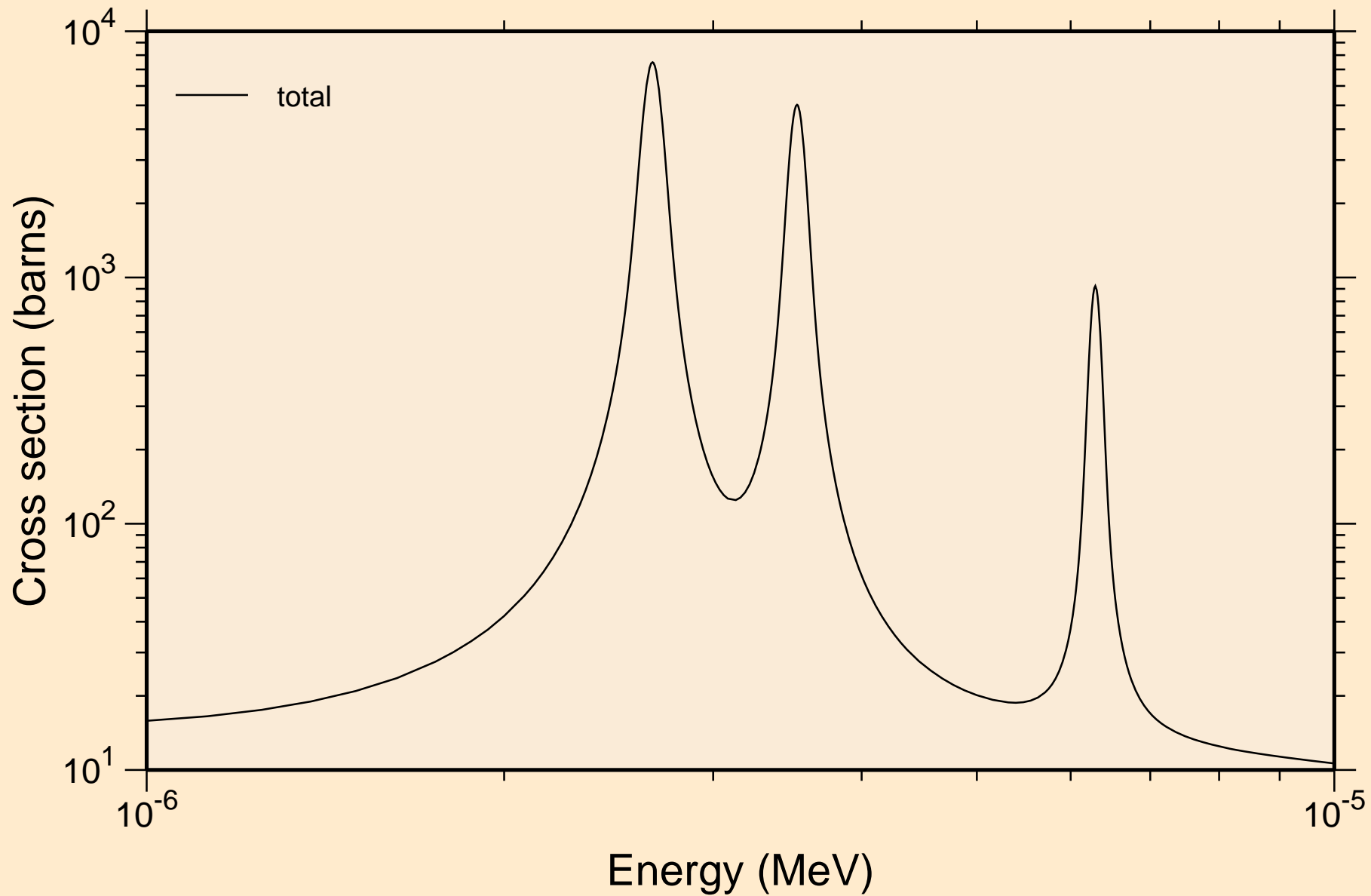


# GD147 NRG TENDL-2015, AKONING

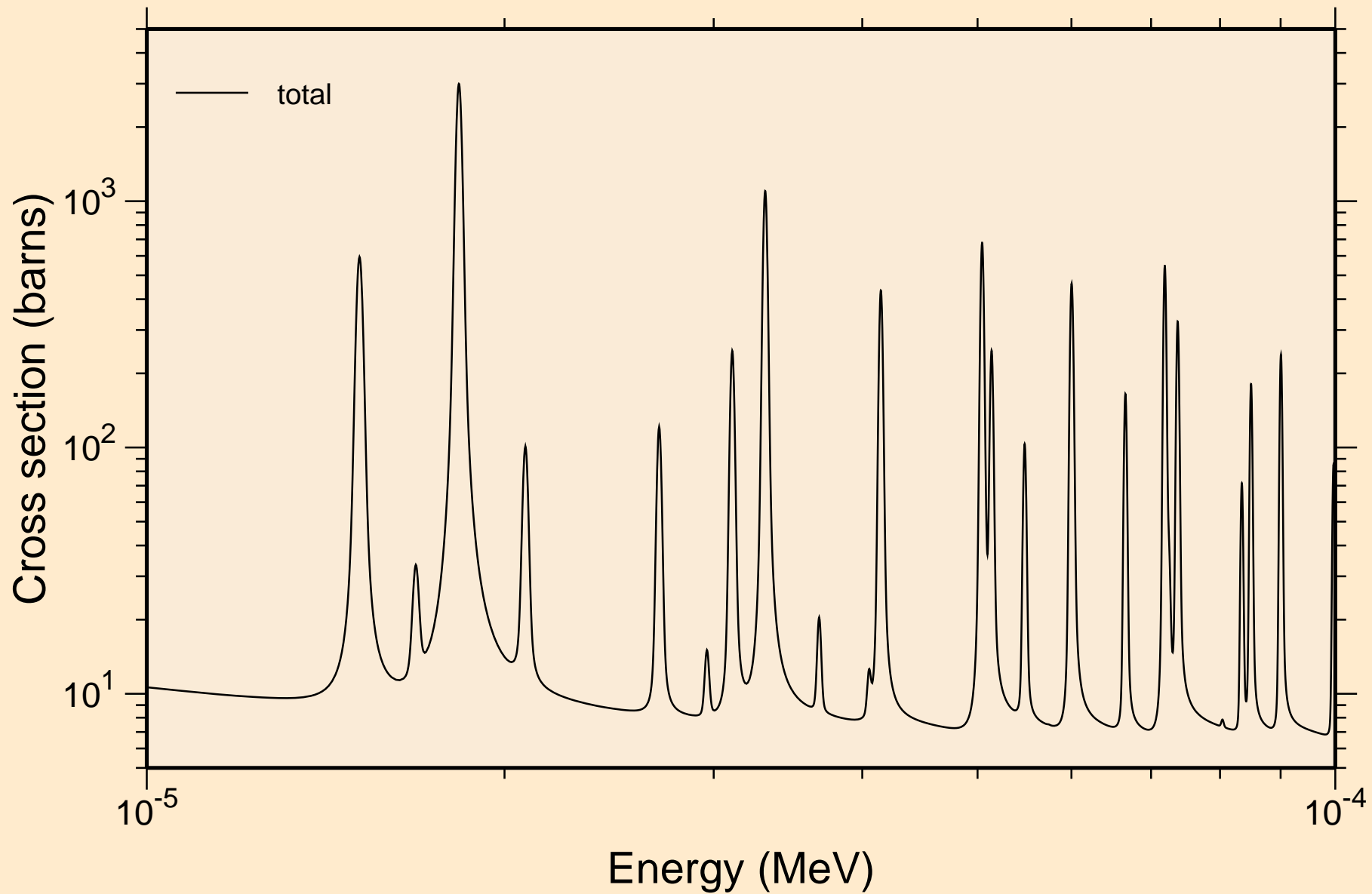
## Principal cross sections



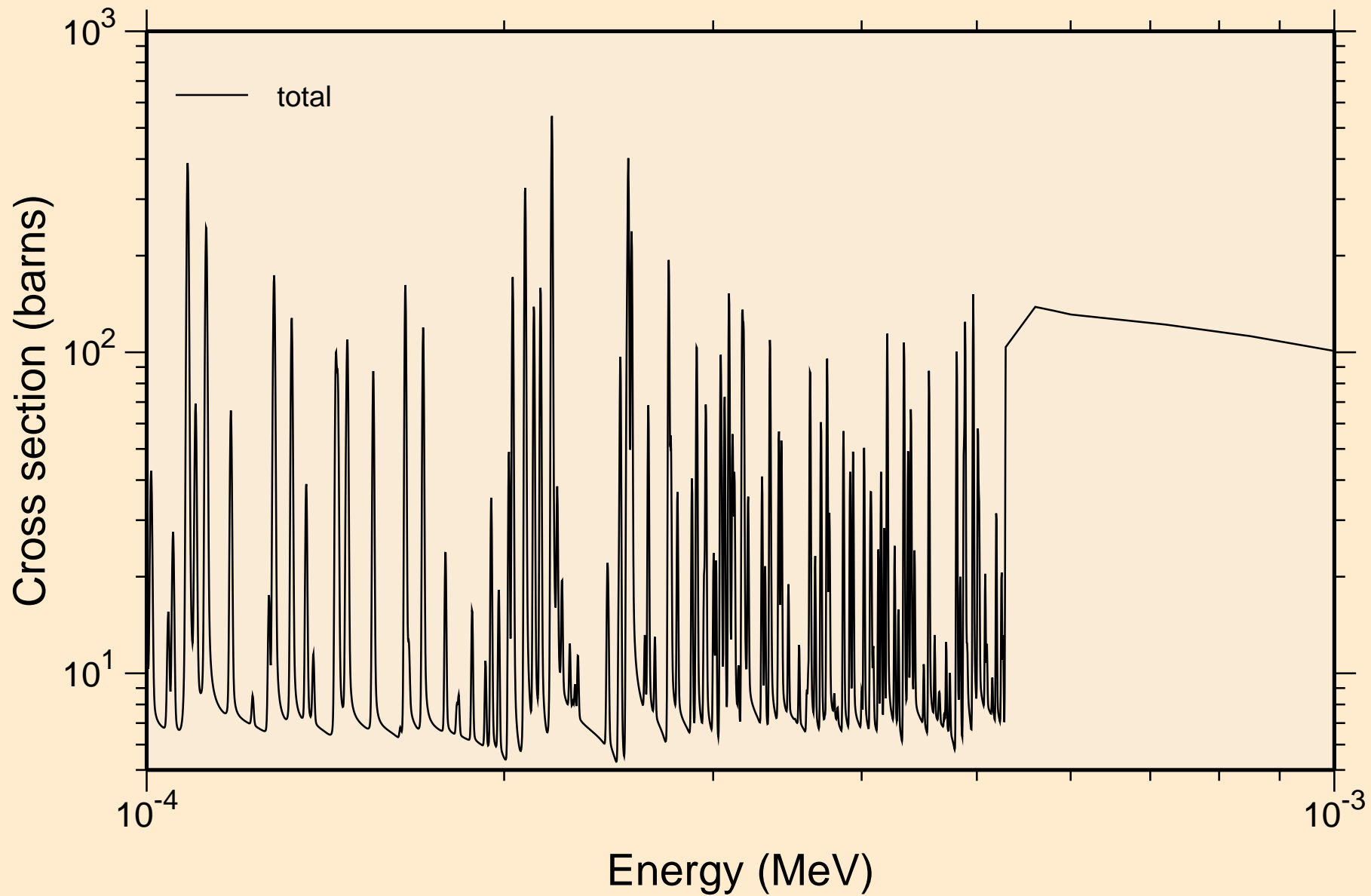
GD147 NRG TENDL-2015, AKONING  
resonance total cross section



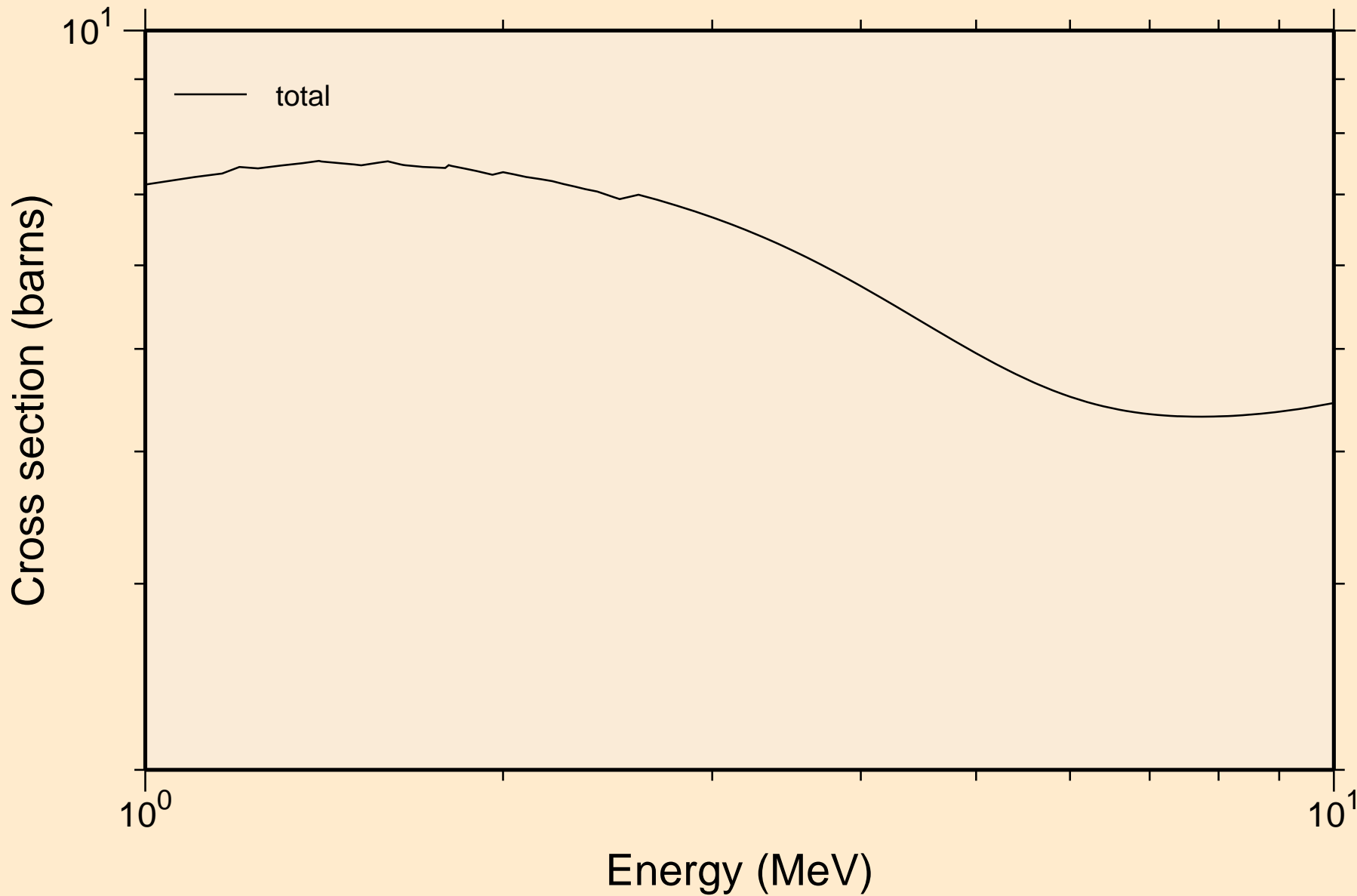
GD147 NRG TENDL-2015, AKONING  
resonance total cross section



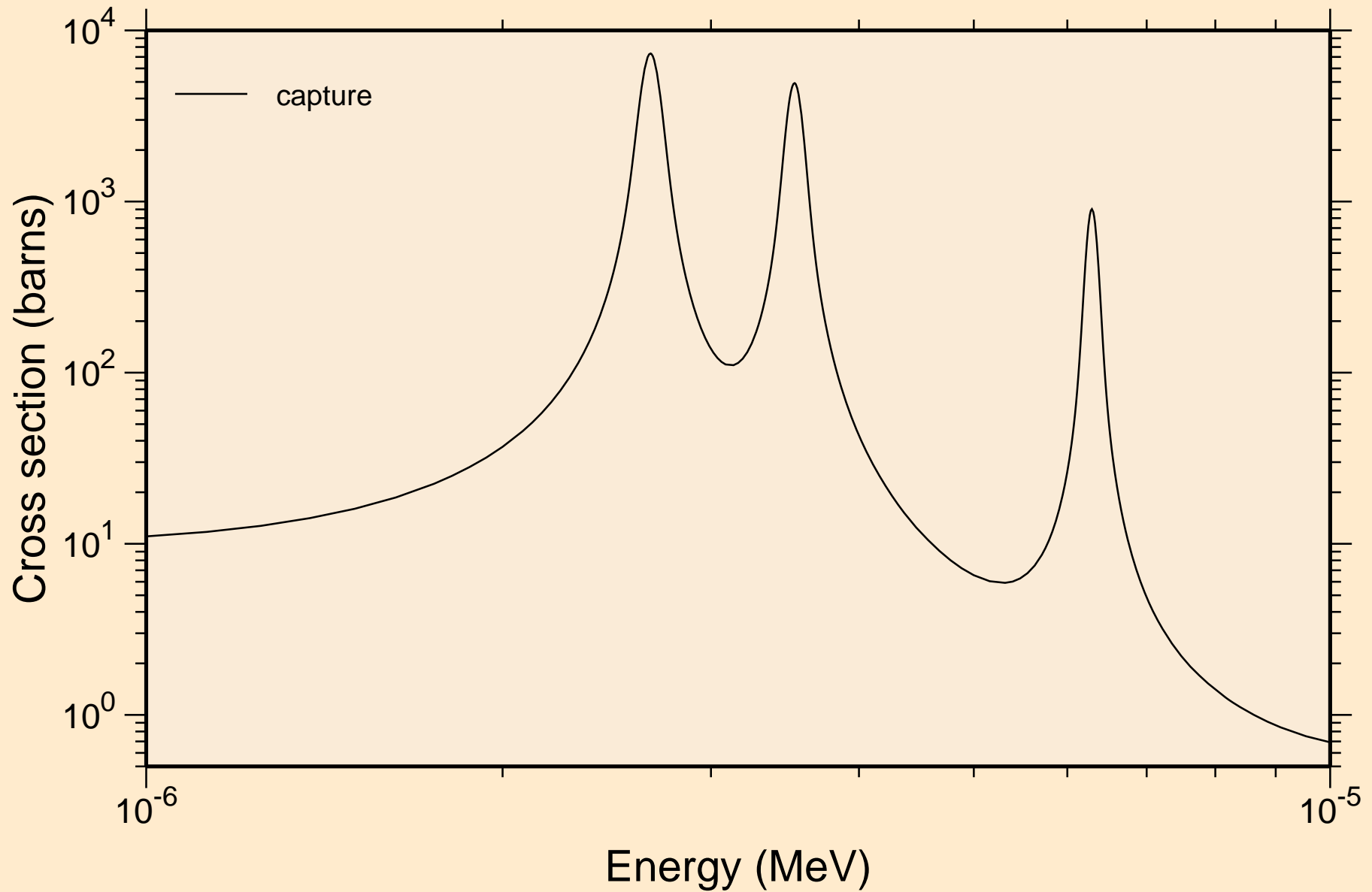
# GD147 NRG TENDL-2015, AKONING resonance total cross section



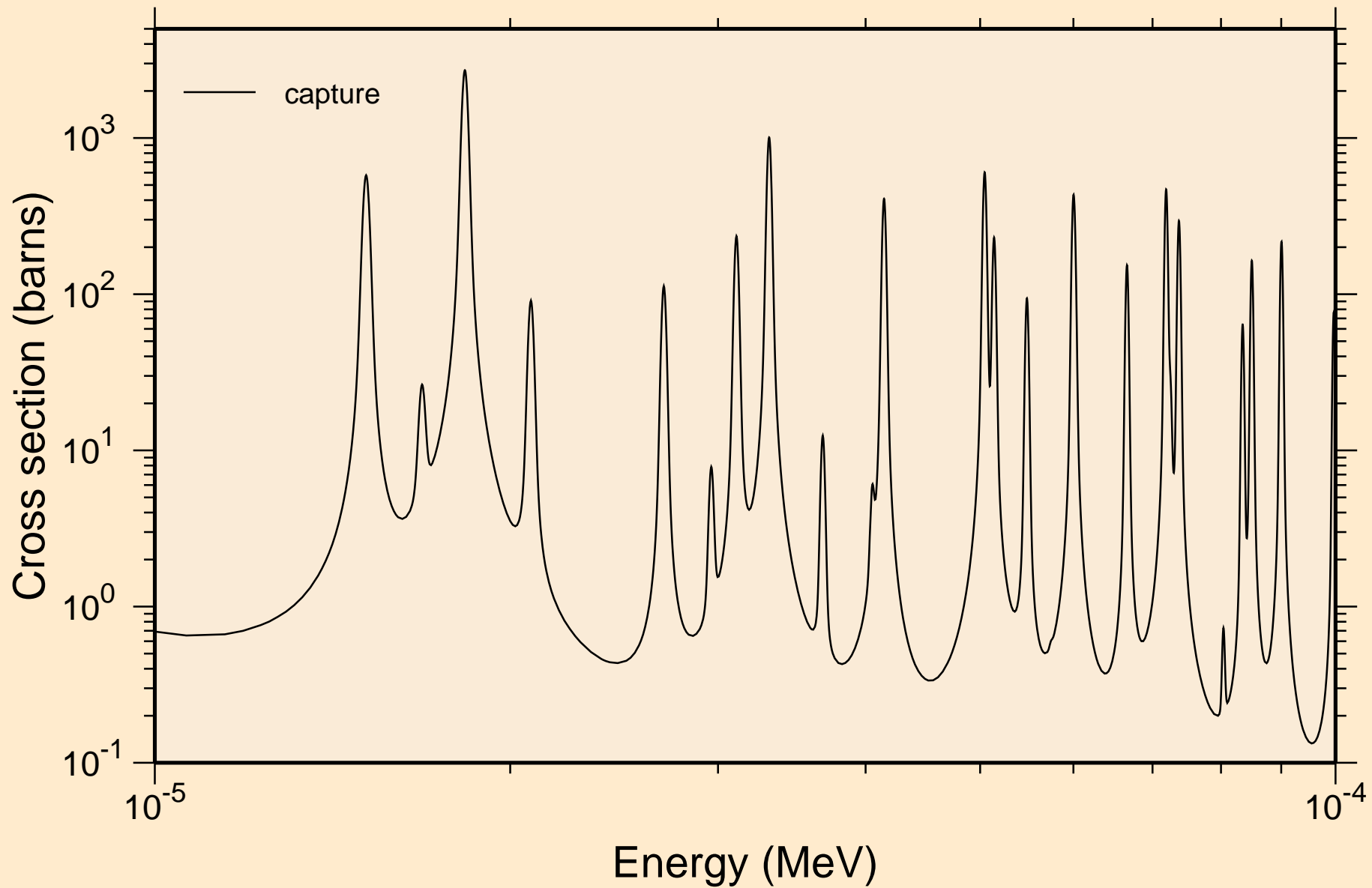
GD147 NRG TENDL-2015, AKONING  
resonance total cross section



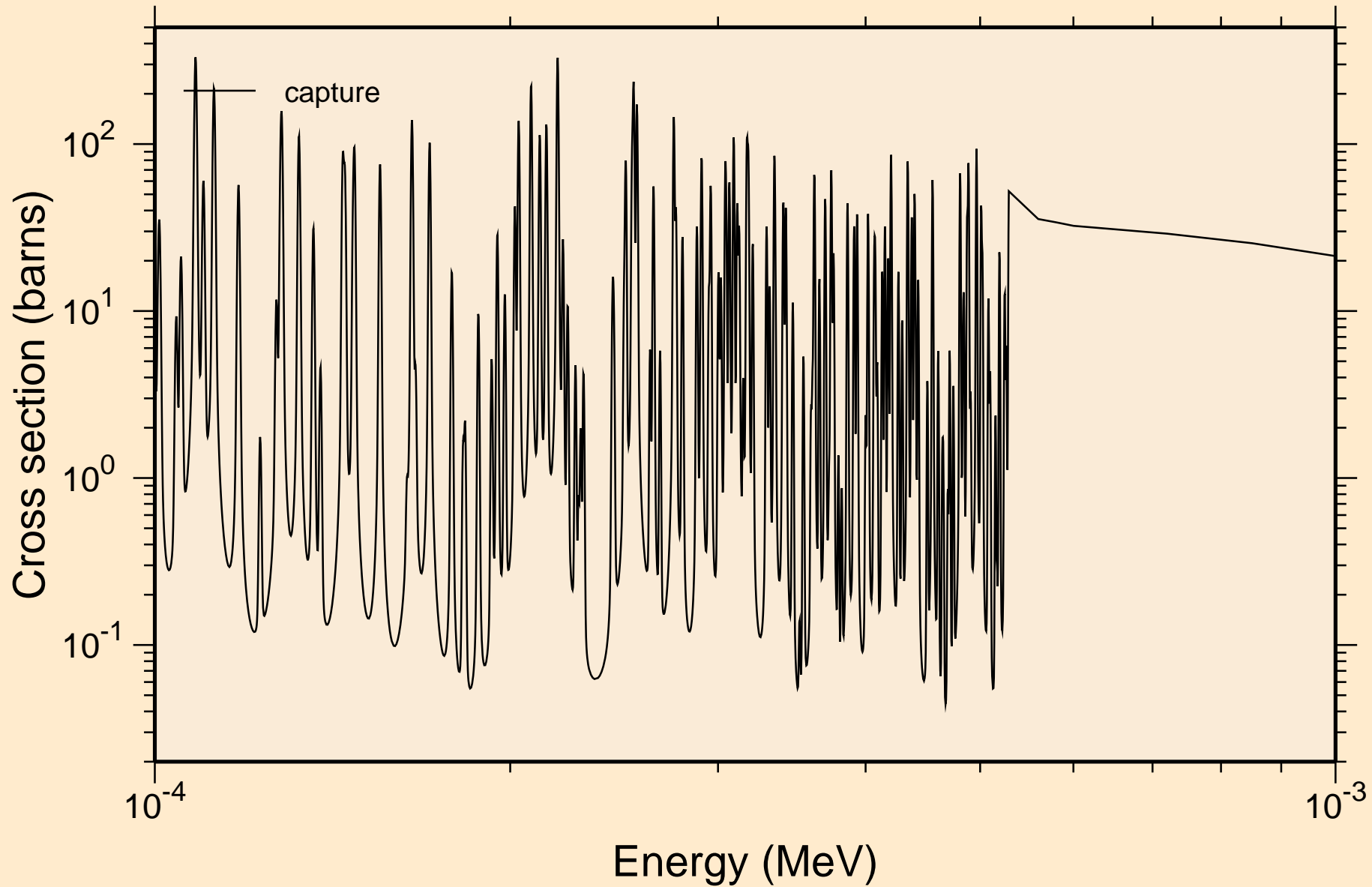
GD147 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# GD147 NRG TENDL-2015, AKONING resonance absorption cross sections

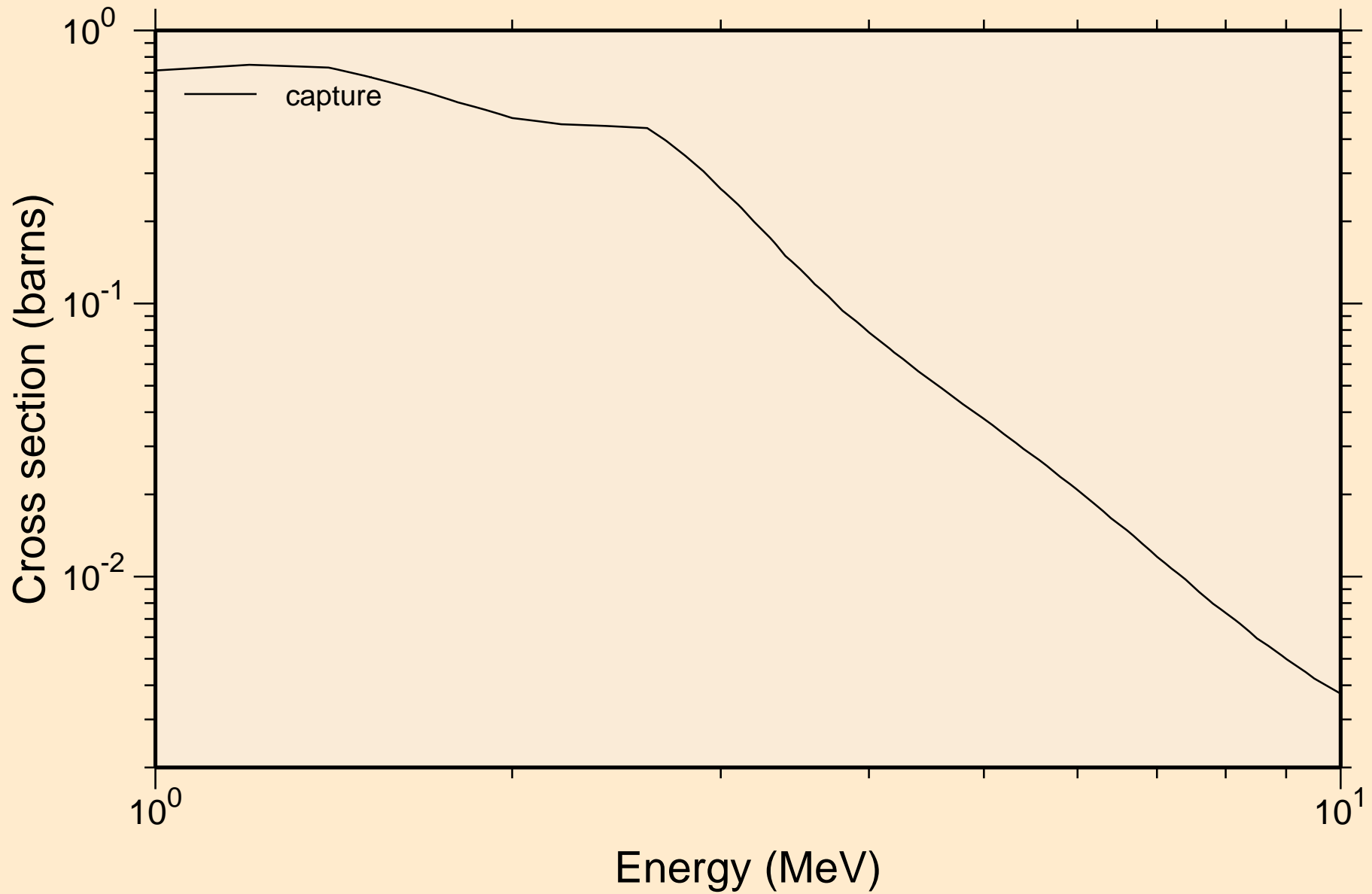


GD147 NRG TENDL-2015, AKONING  
resonance absorption cross sections



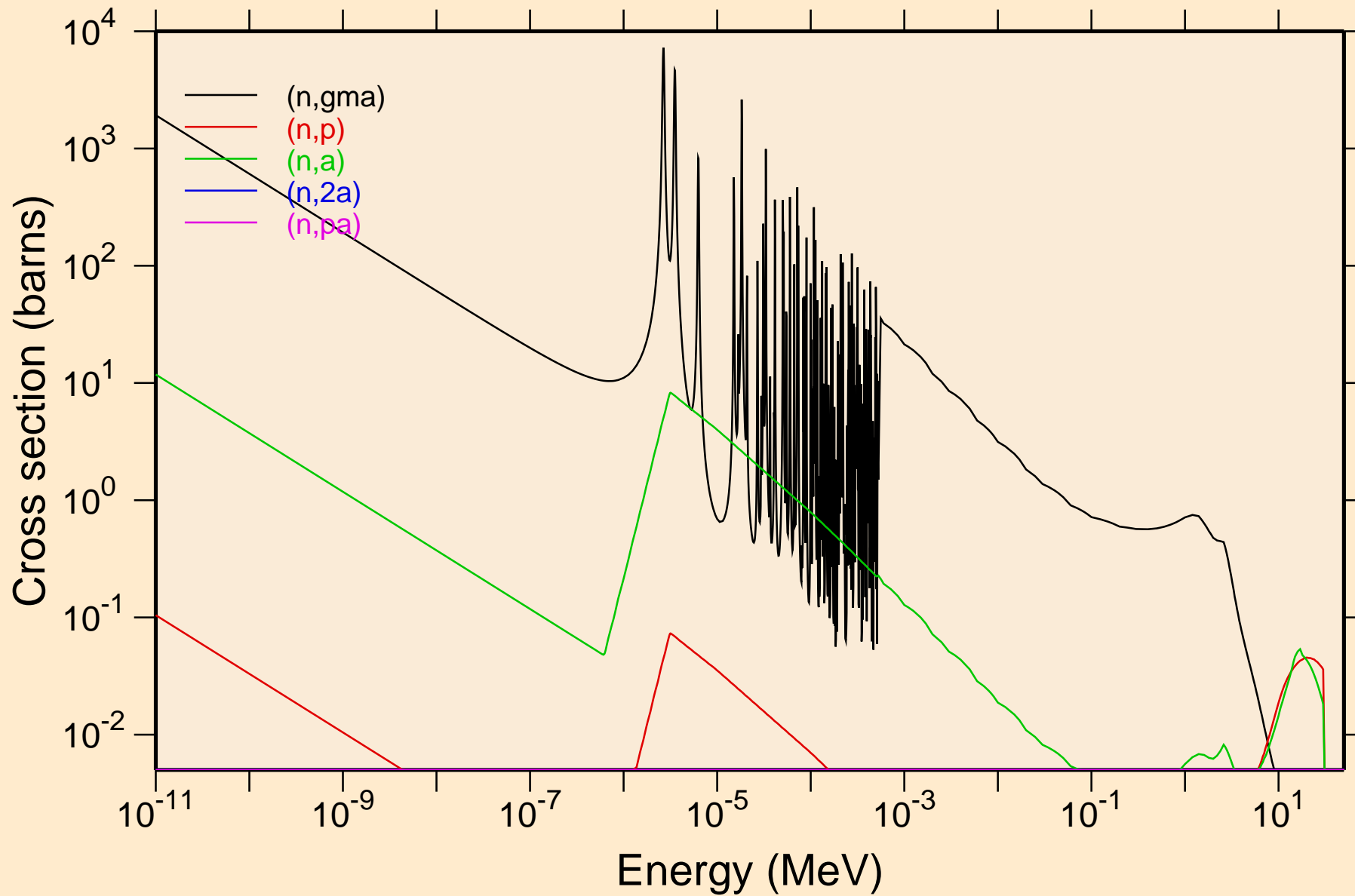


GD147 NRG TENDL-2015, AKONING  
resonance absorption cross sections



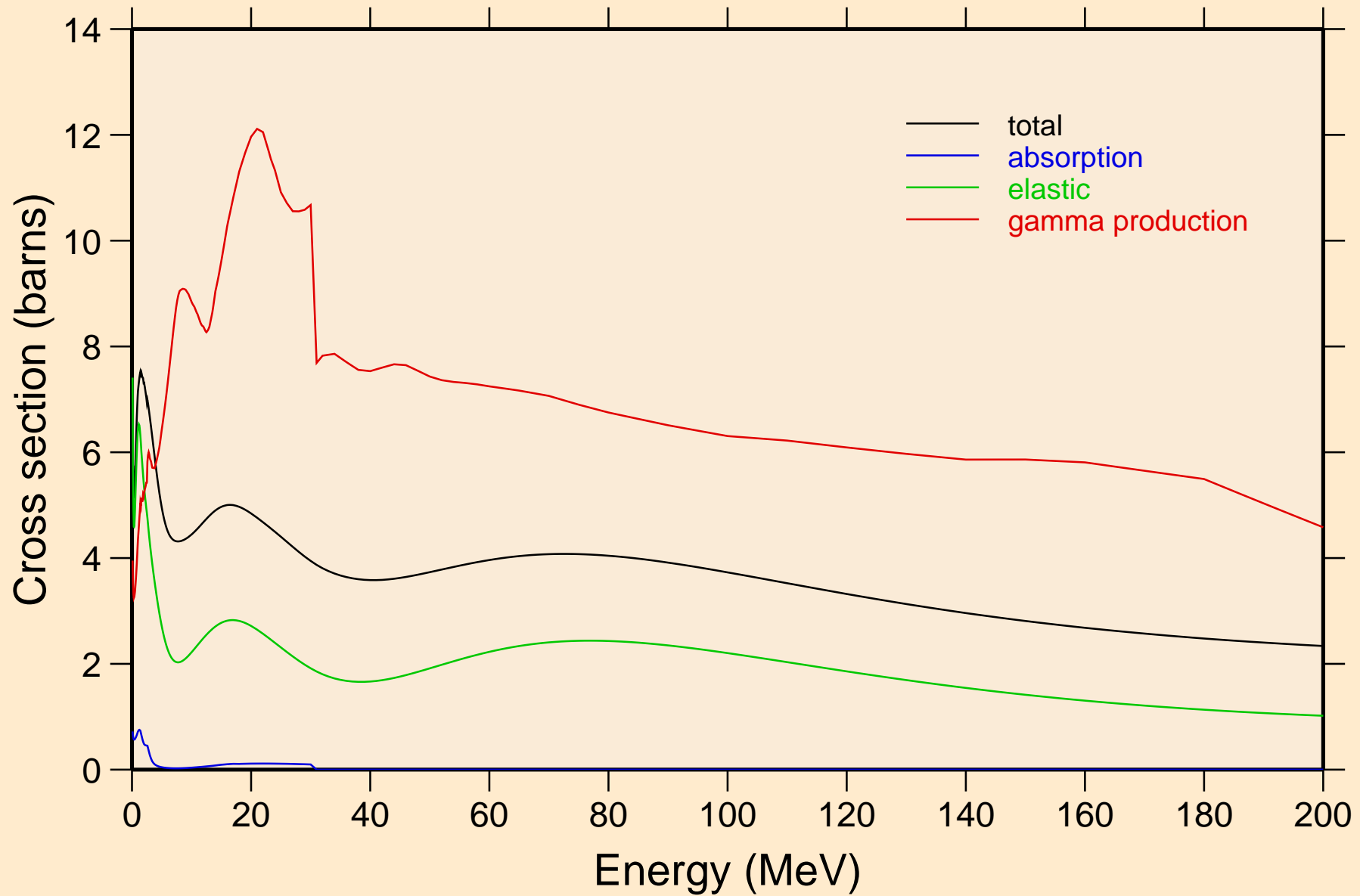
# GD147 NRG TENDL-2015, AKONING

## Non-threshold reactions



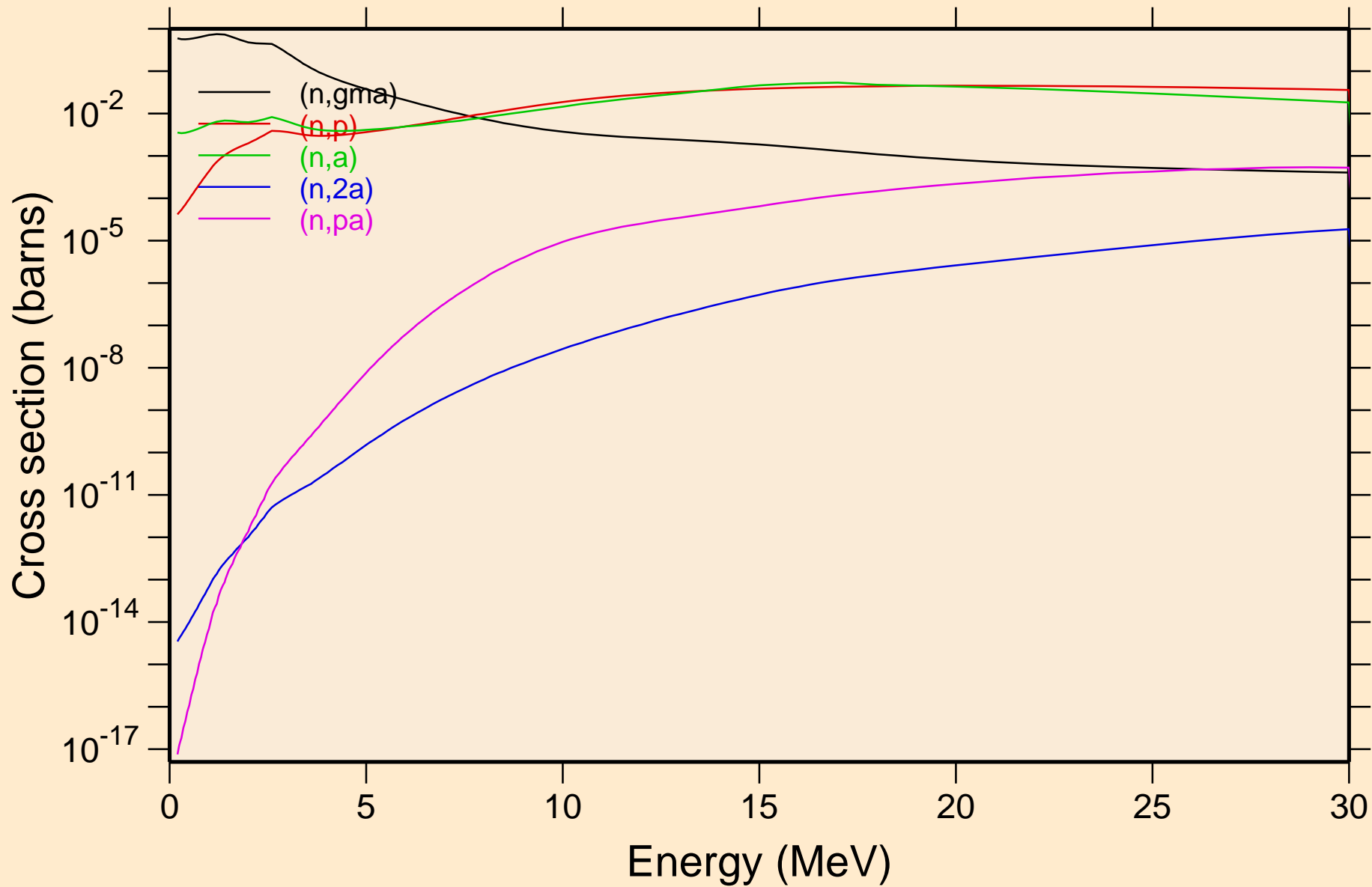
# GD147 NRG TENDL-2015, AKONING

## Principal cross sections



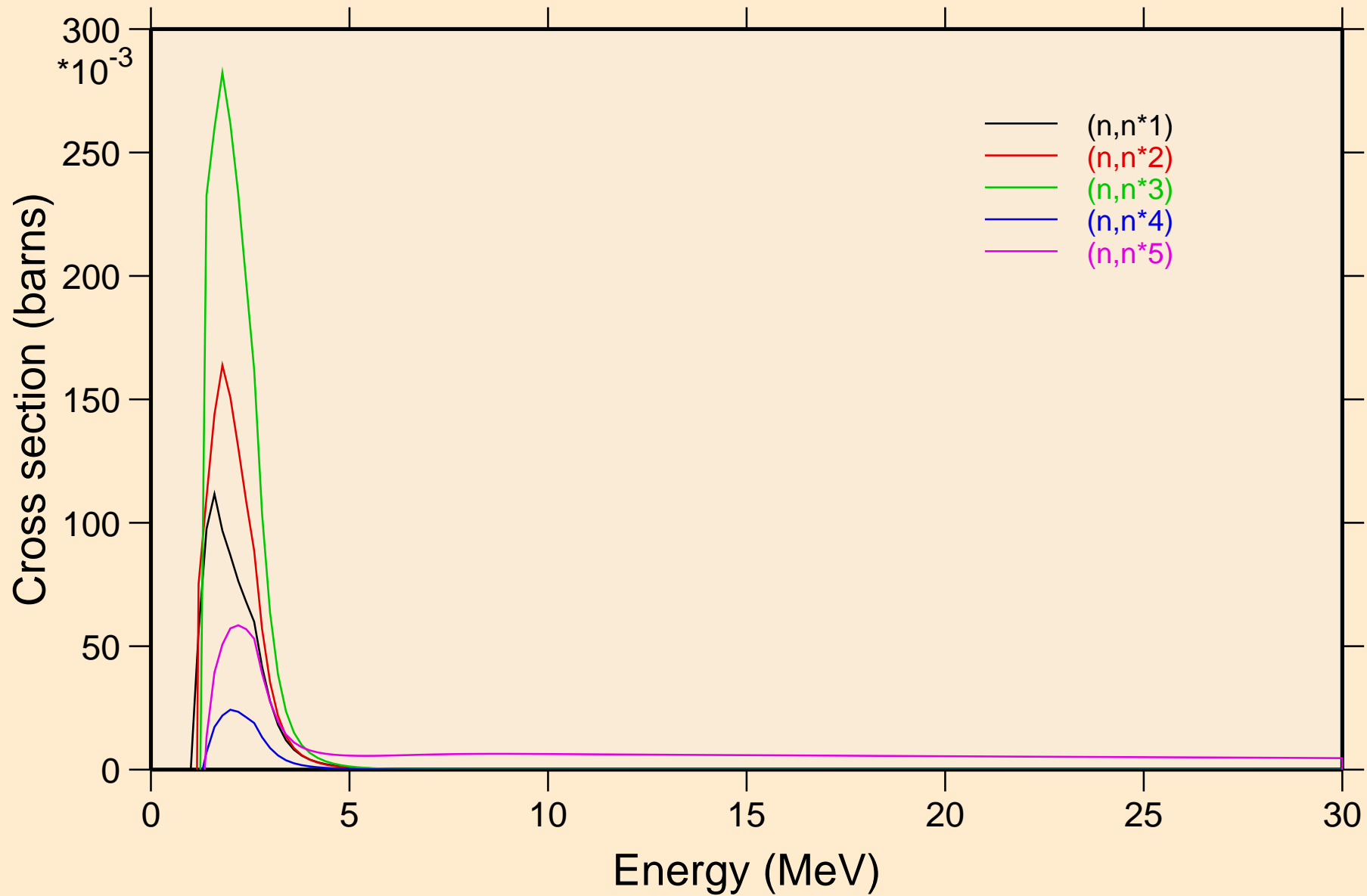
# GD147 NRG TENDL-2015, AKONING

## Non-threshold reactions



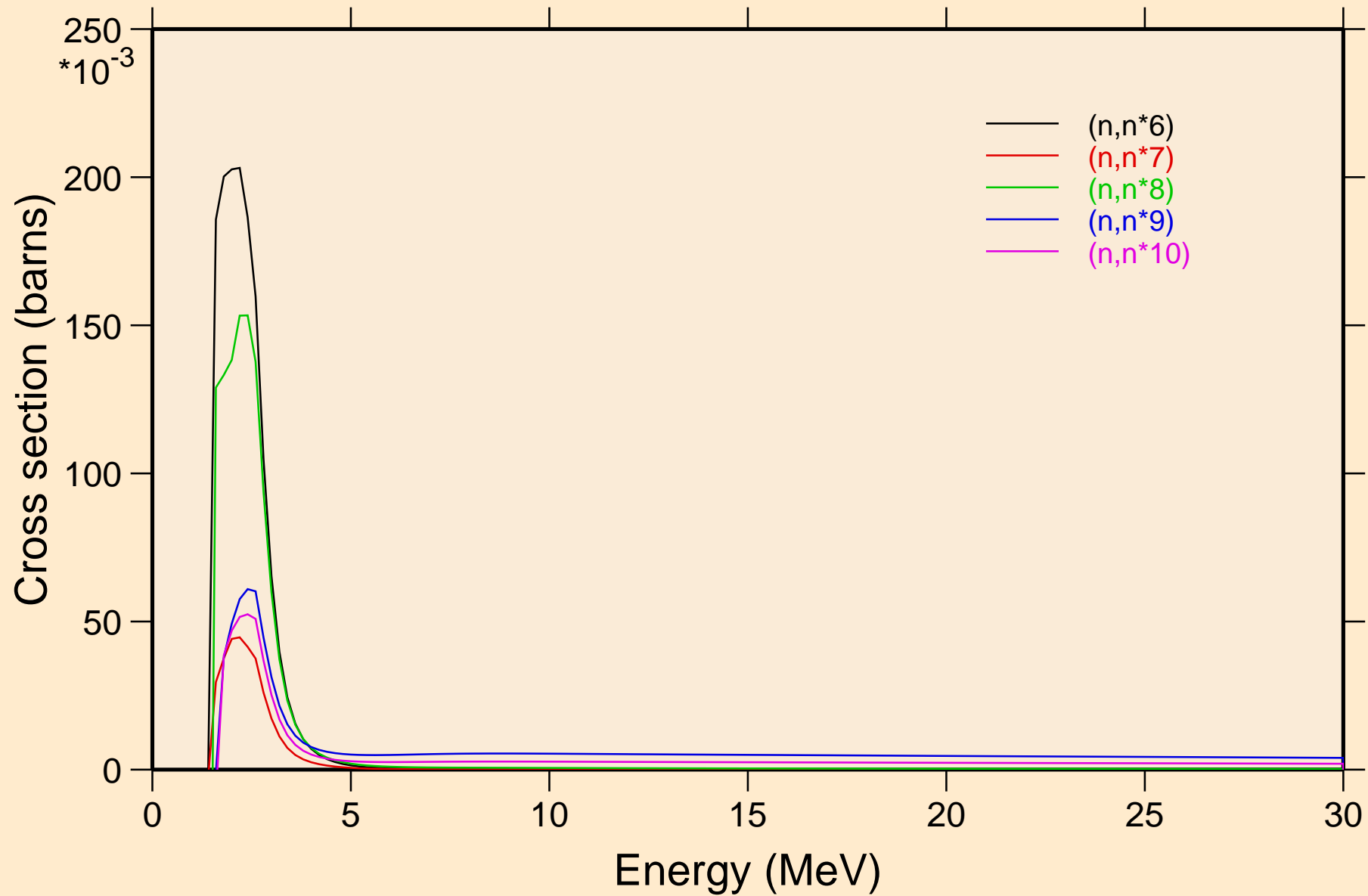
# GD147 NRG TENDL-2015, AKONING

## Inelastic levels



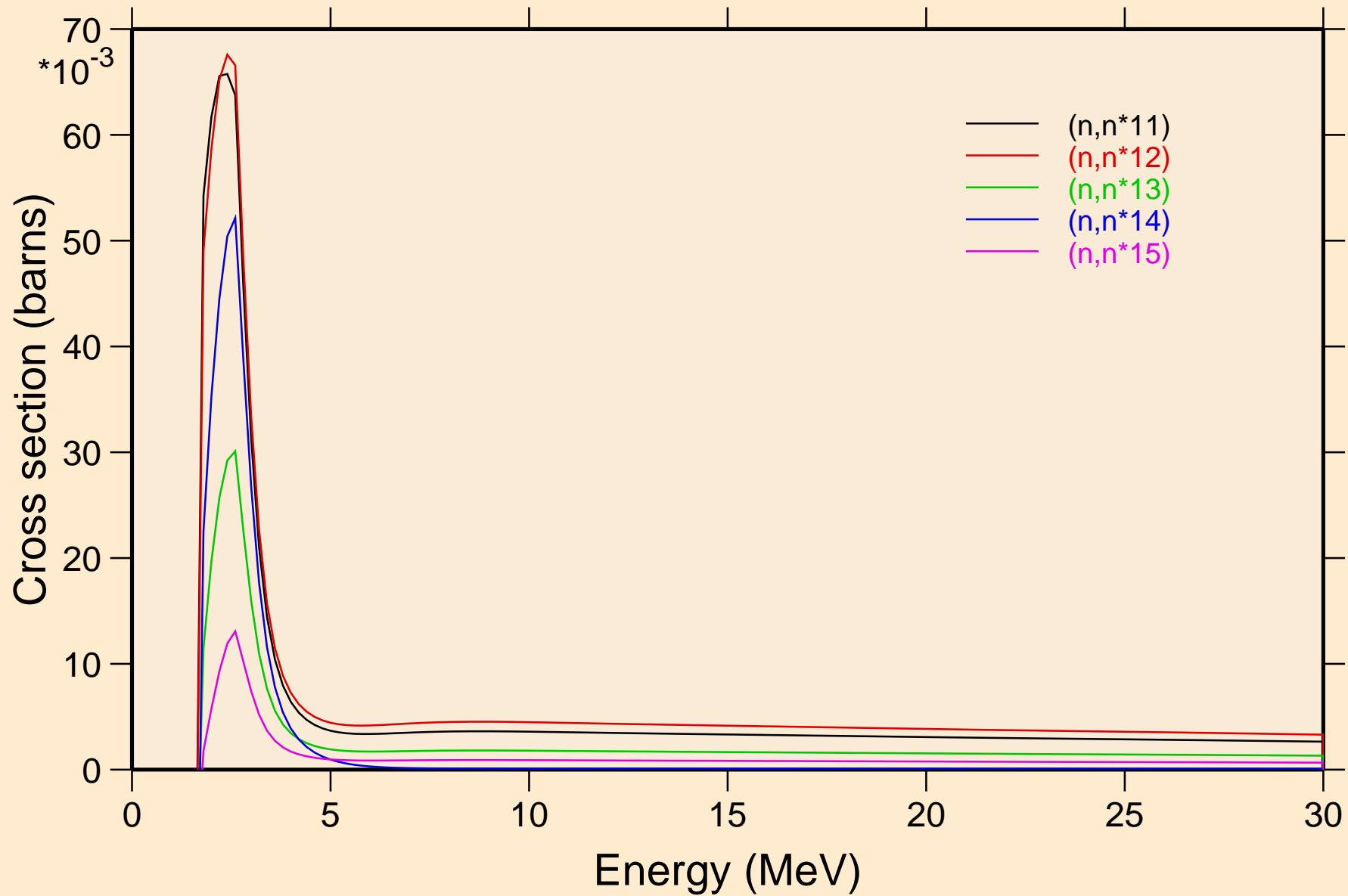
# GD147 NRG TENDL-2015, AKONING

## Inelastic levels



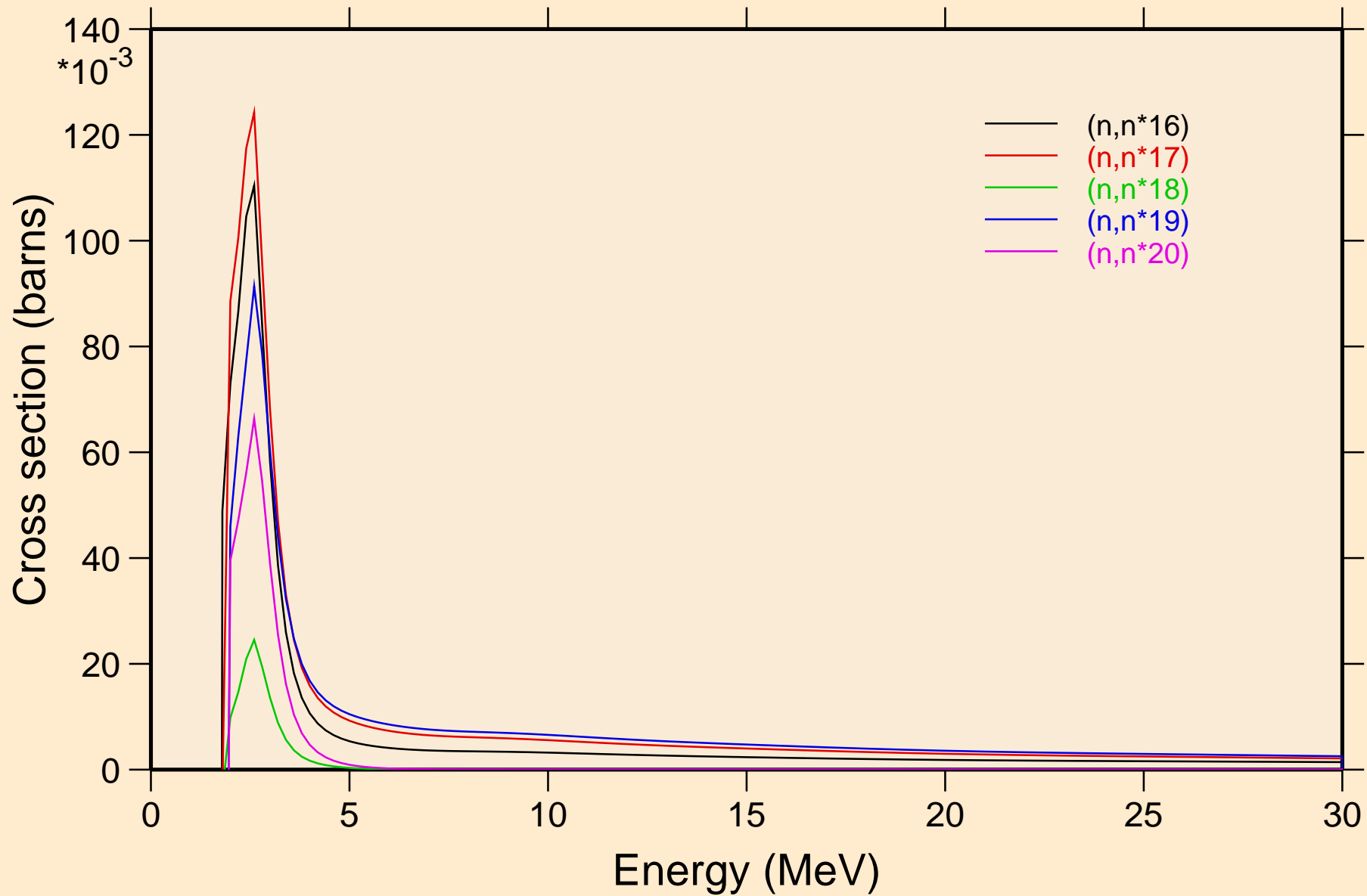
# GD147 NRG TENDL-2015, AKONING

## Inelastic levels



# GD147 NRG TENDL-2015, AKONING

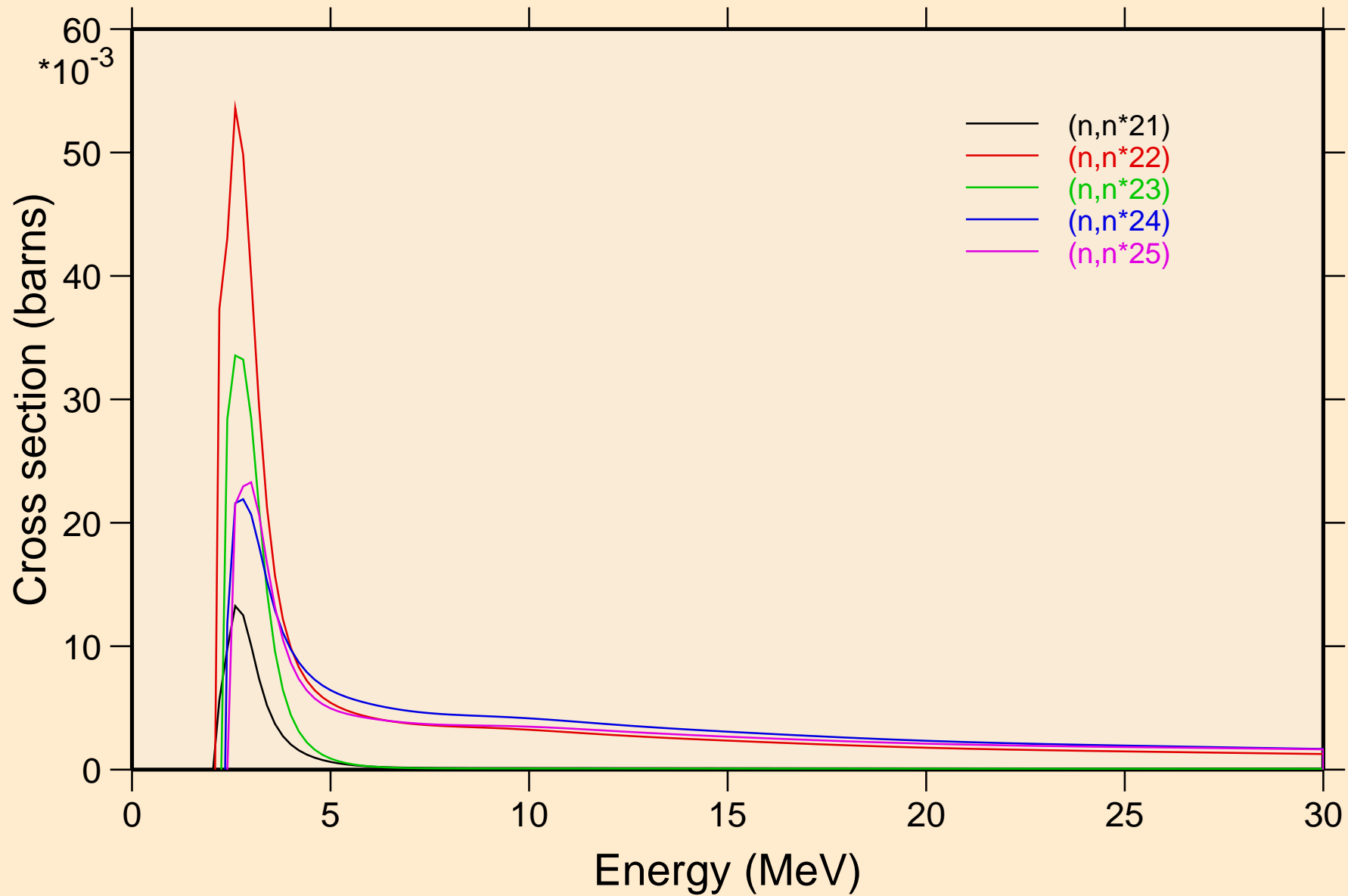
## Inelastic levels





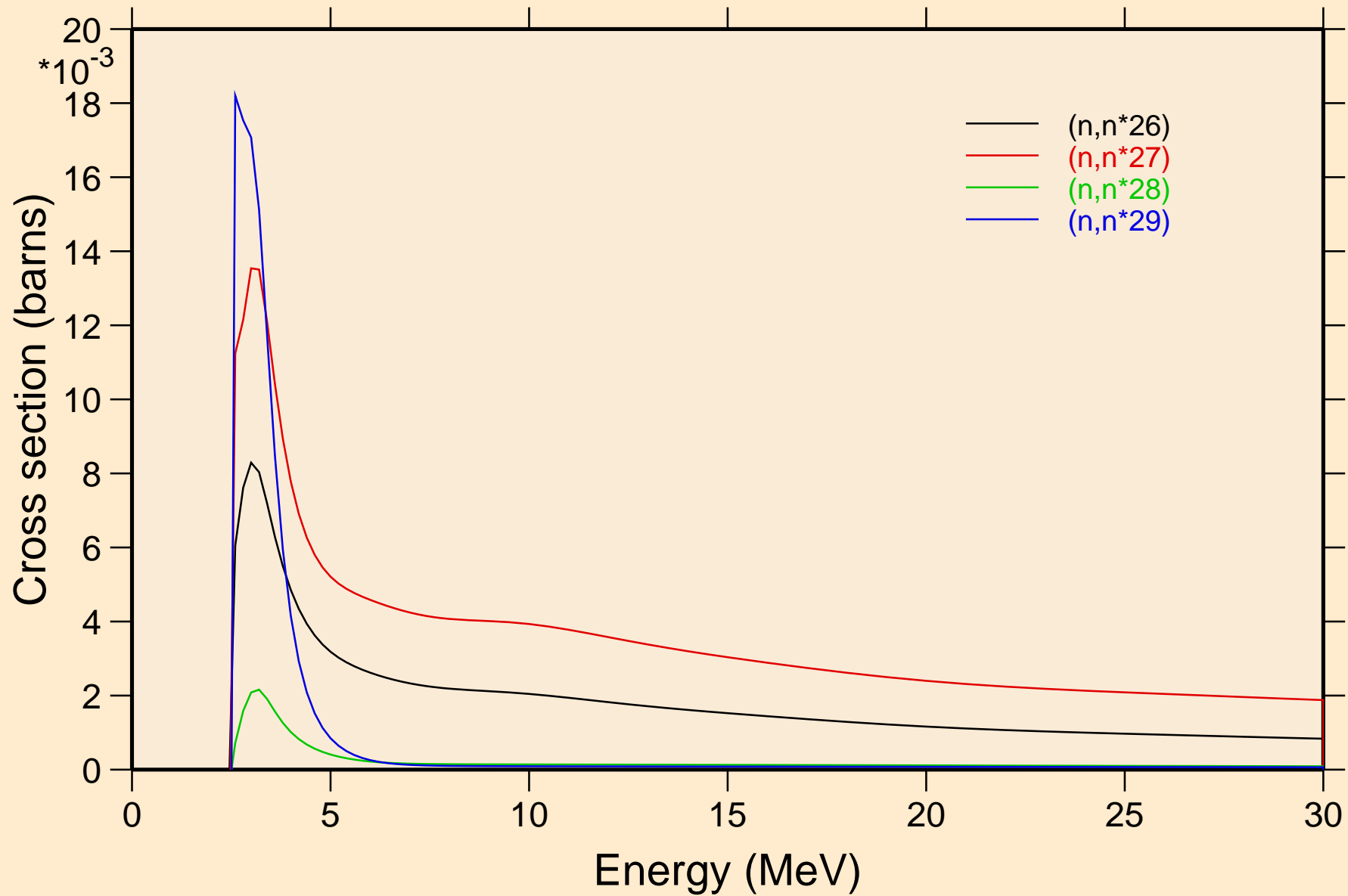
# GD147 NRG TENDL-2015, AKONING

## Inelastic levels



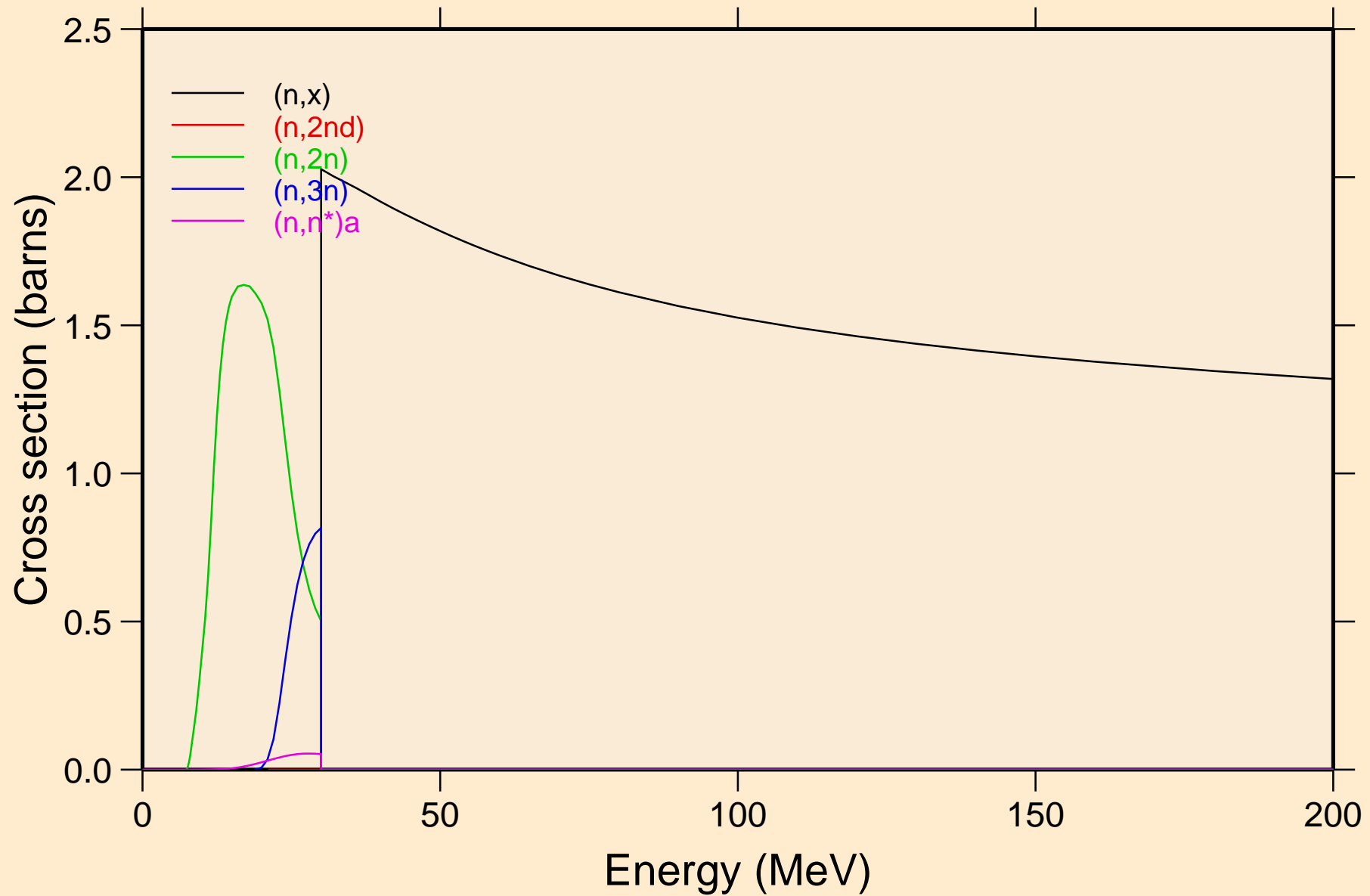
# GD147 NRG TENDL-2015, AKONING

## Inelastic levels



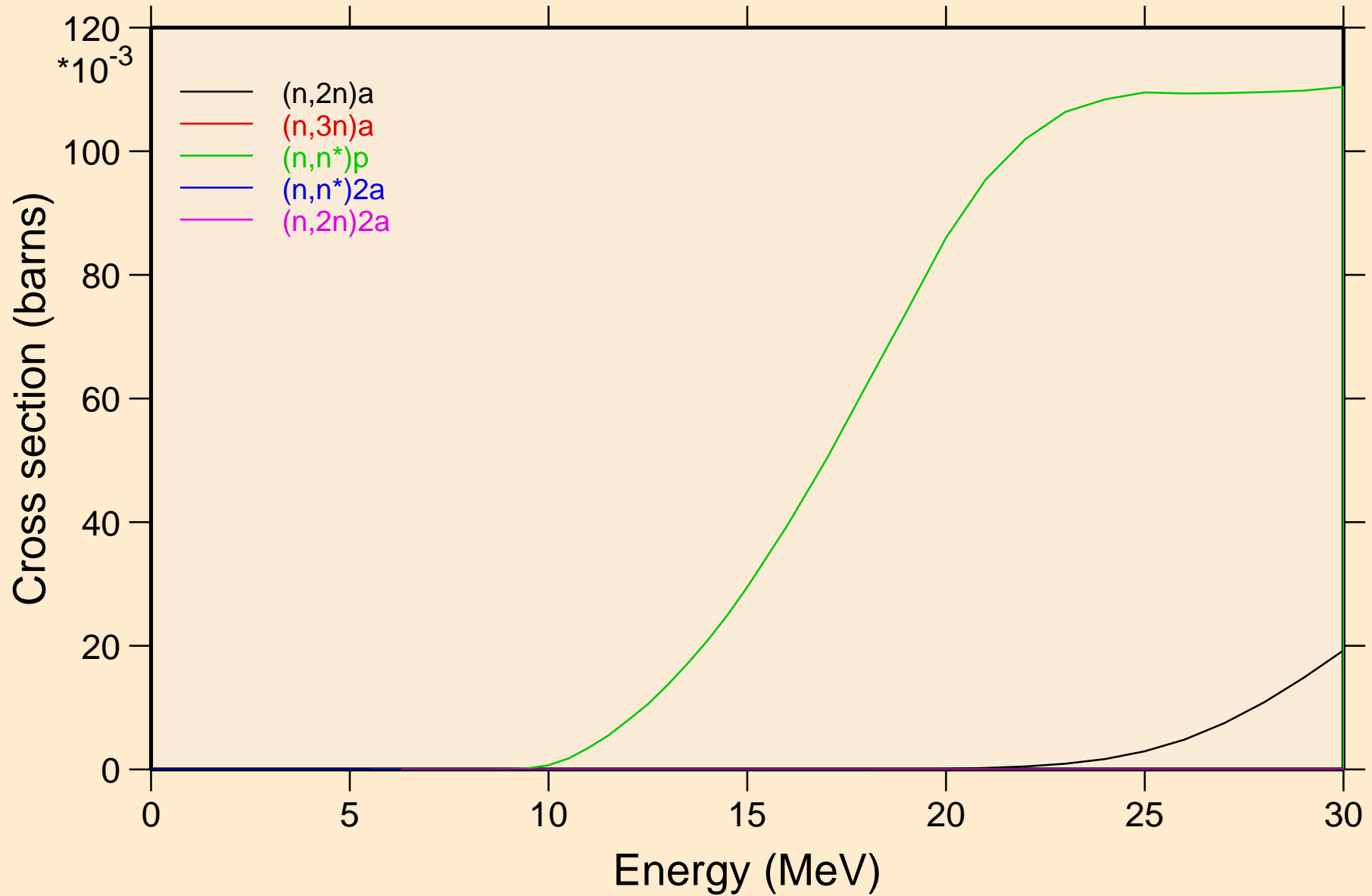
# GD147 NRG TENDL-2015, AKONING

## Threshold reactions



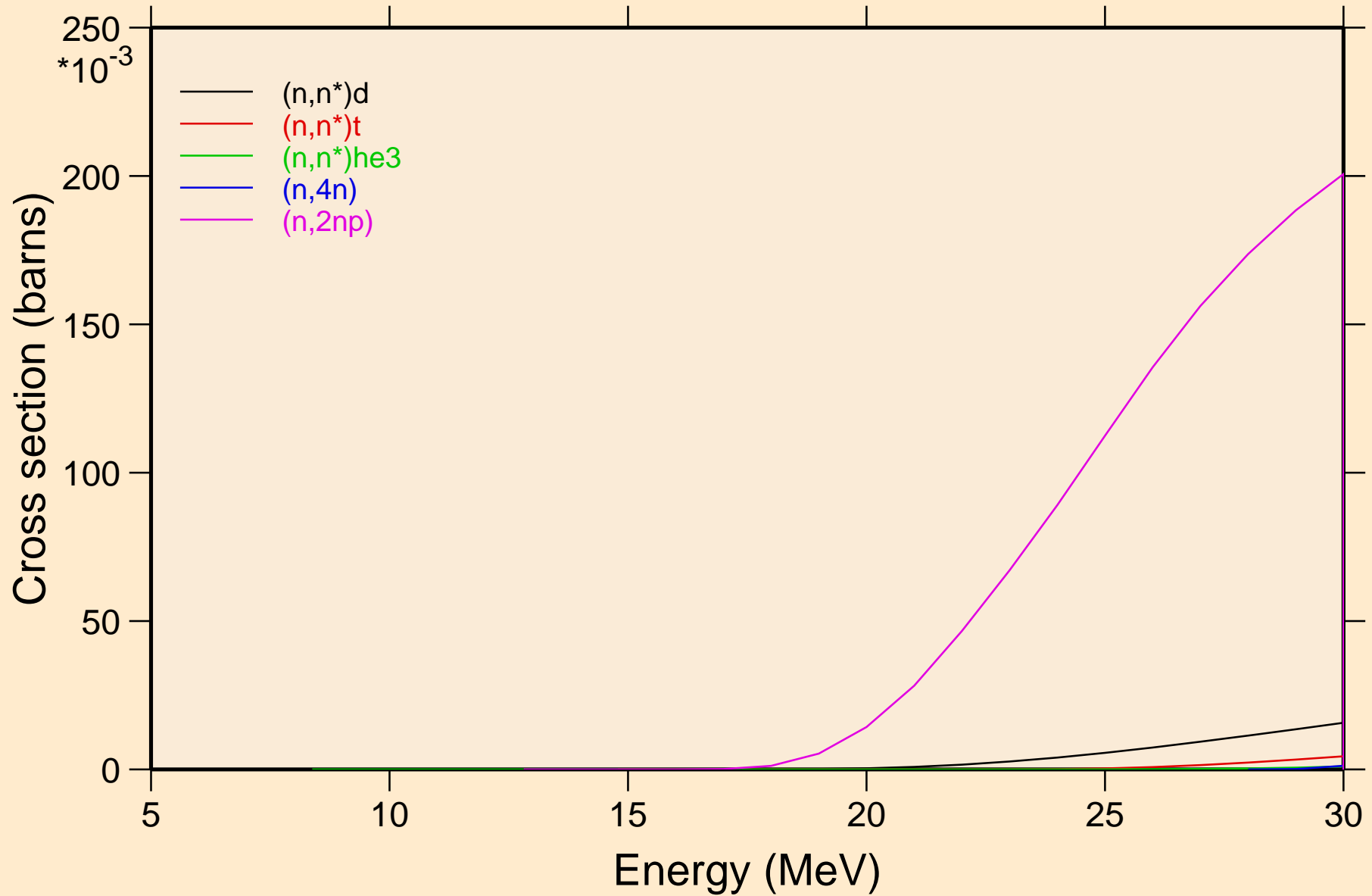
# GD147 NRG TENDL-2015, AKONING

## Threshold reactions



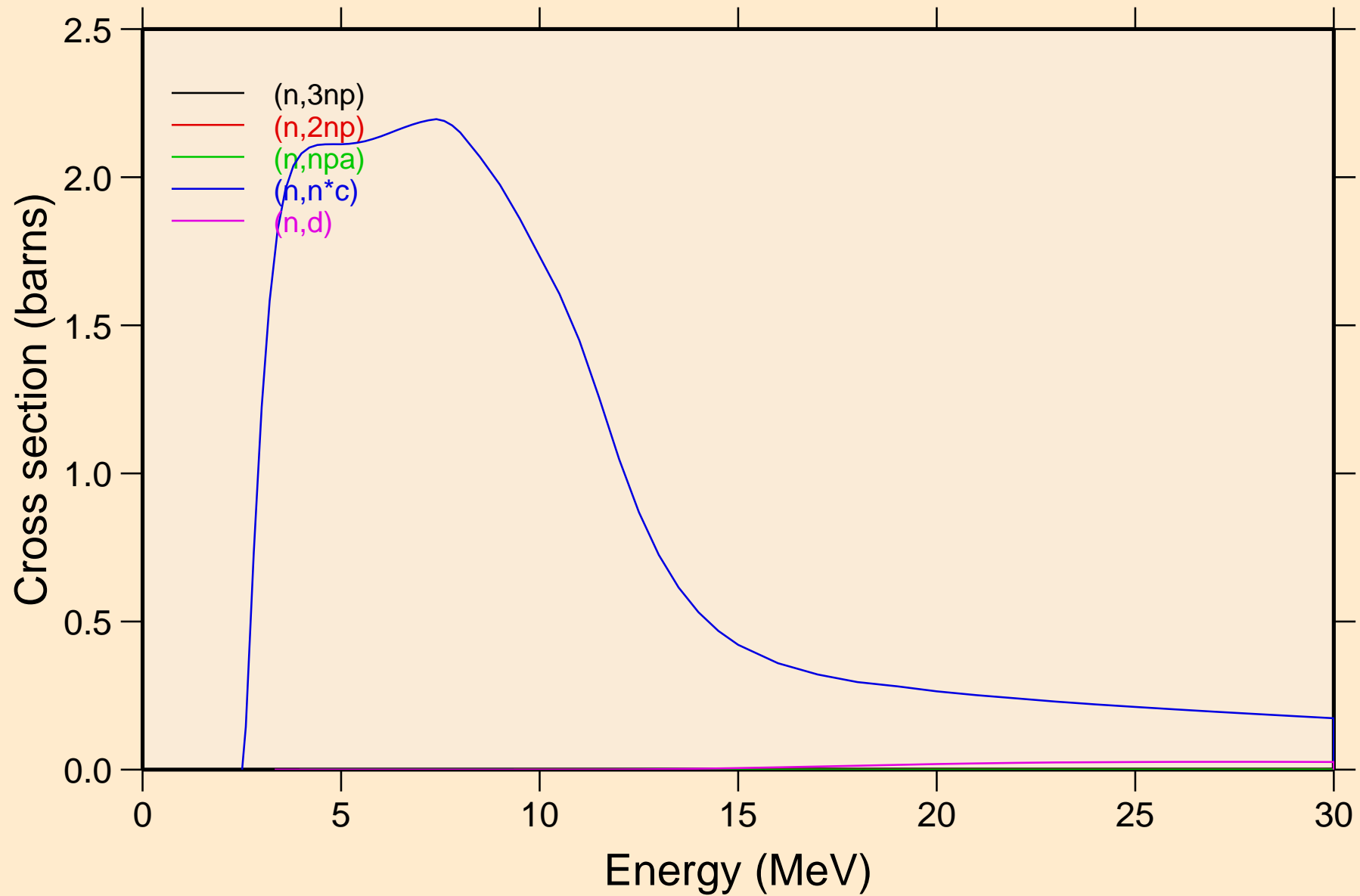
# GD147 NRG TENDL-2015, AKONING

## Threshold reactions



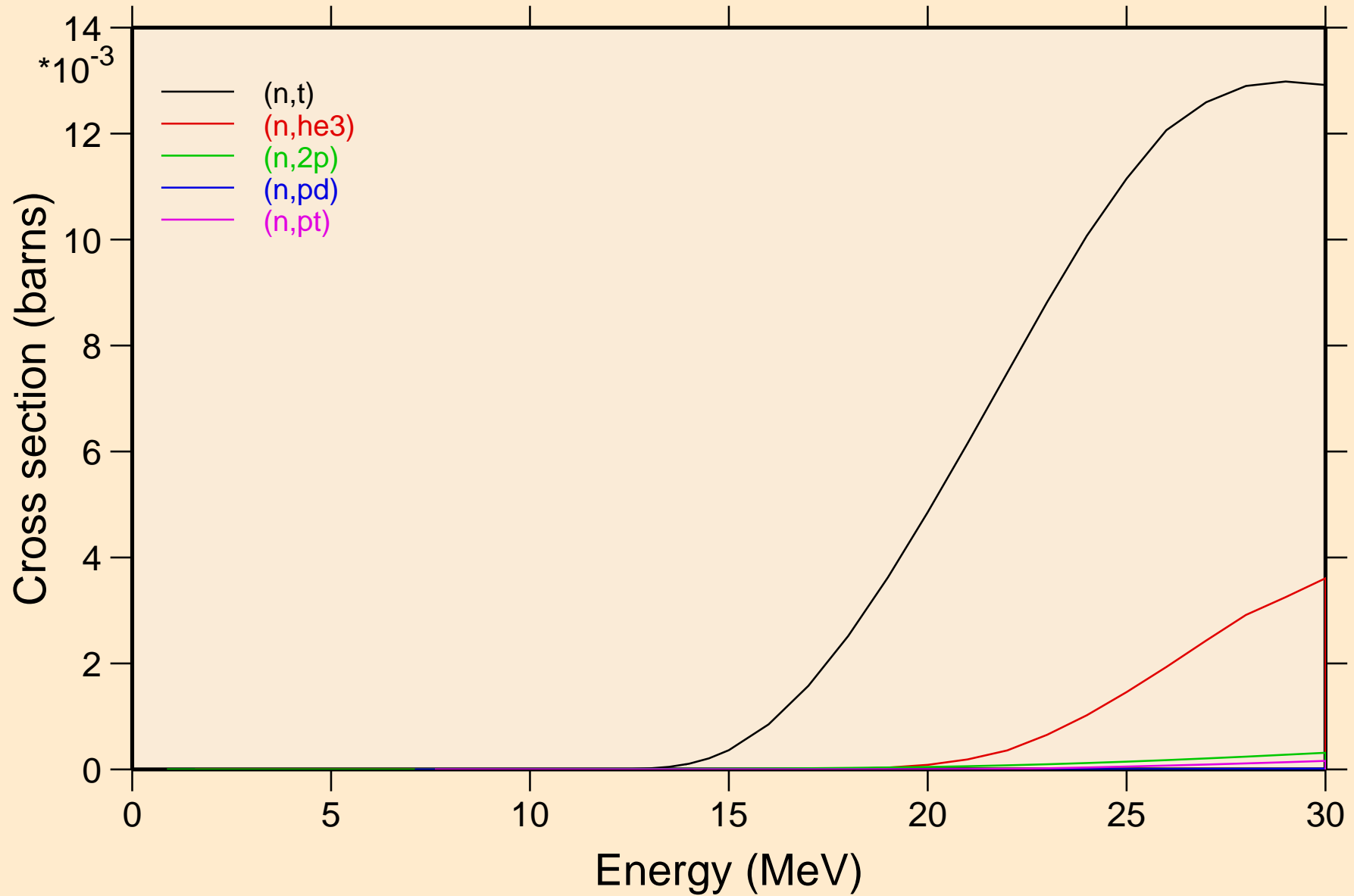
# GD147 NRG TENDL-2015, AKONING

## Threshold reactions



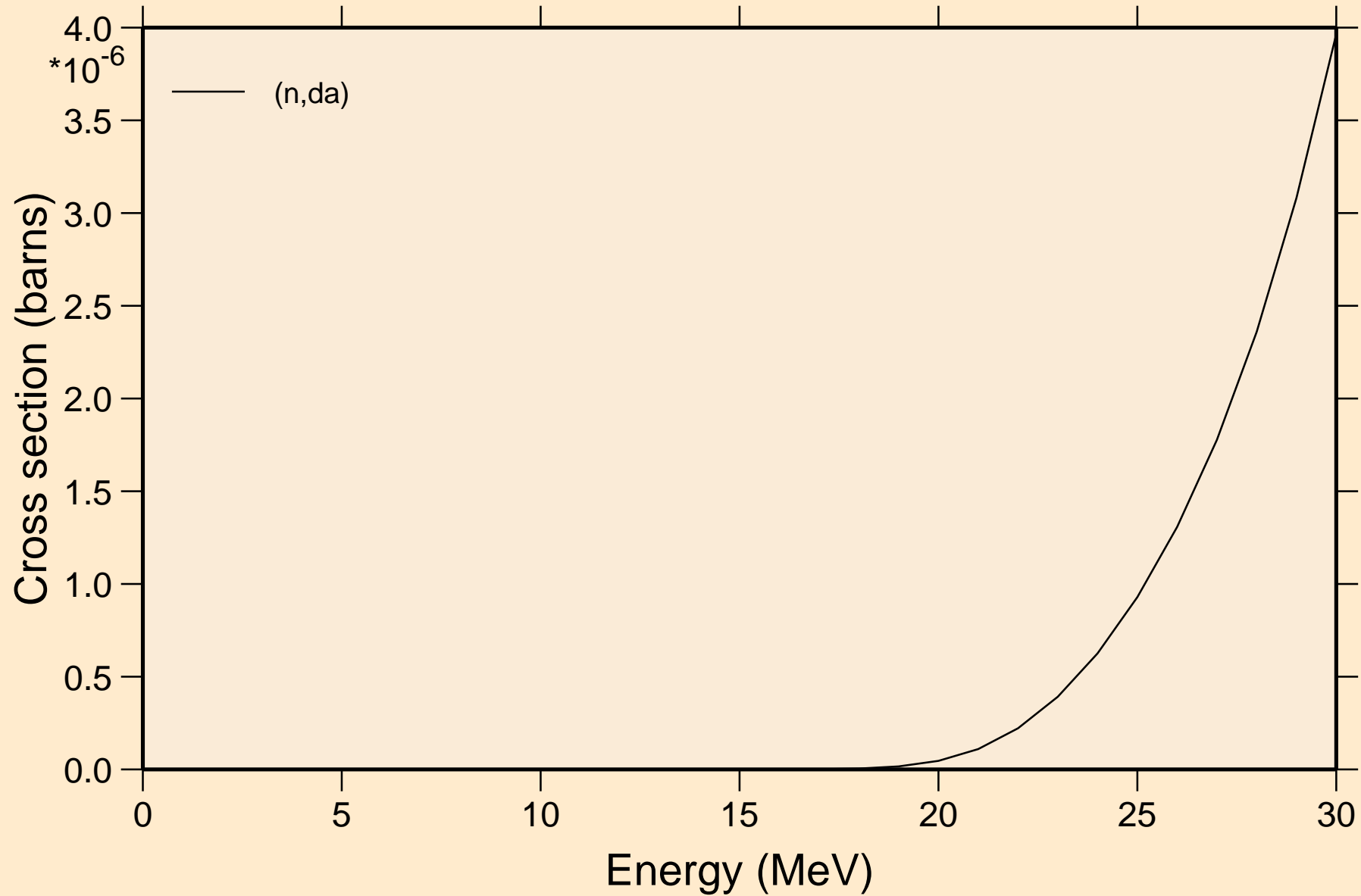
# GD147 NRG TENDL-2015, AKONING

## Threshold reactions



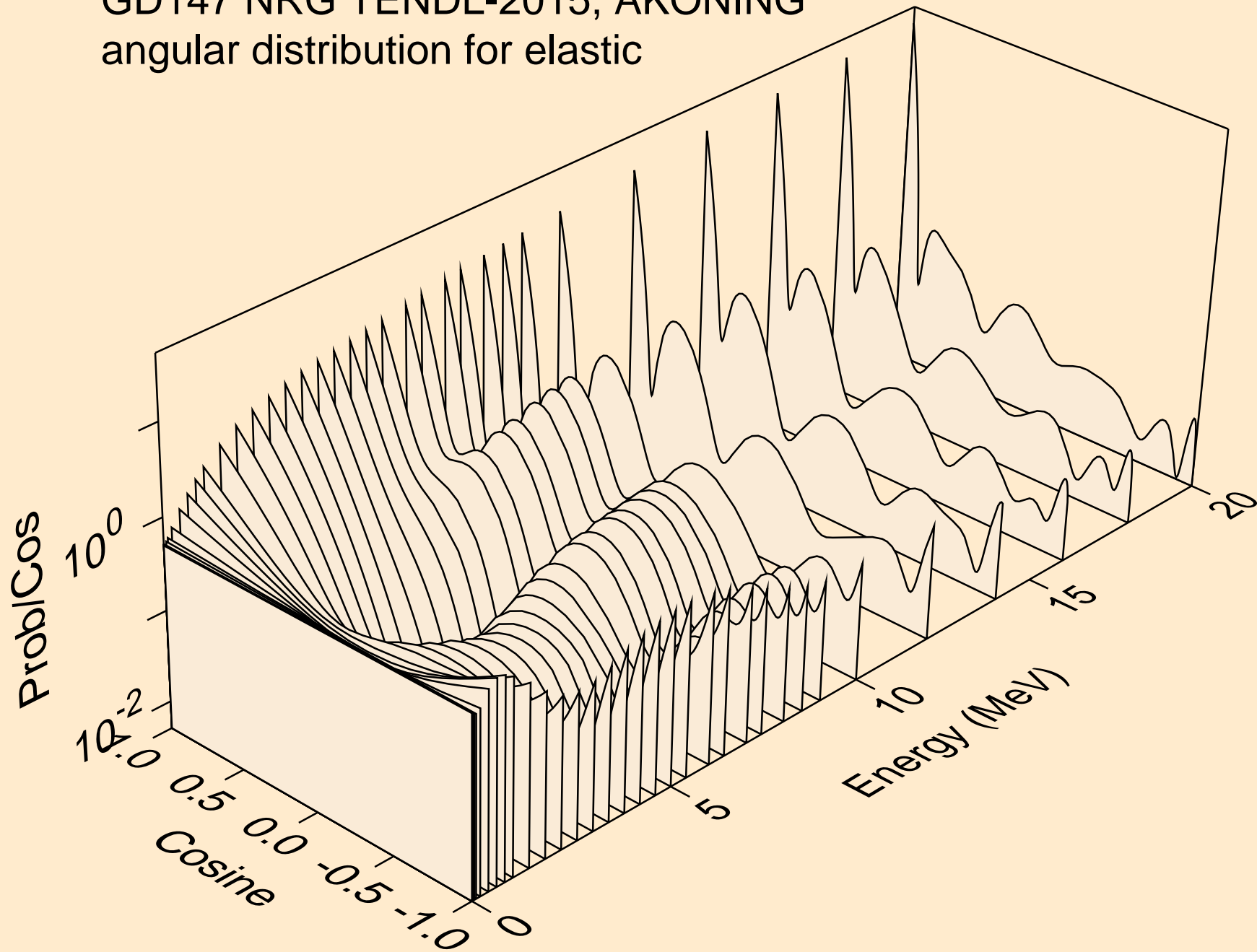
# GD147 NRG TENDL-2015, AKONING

## Threshold reactions

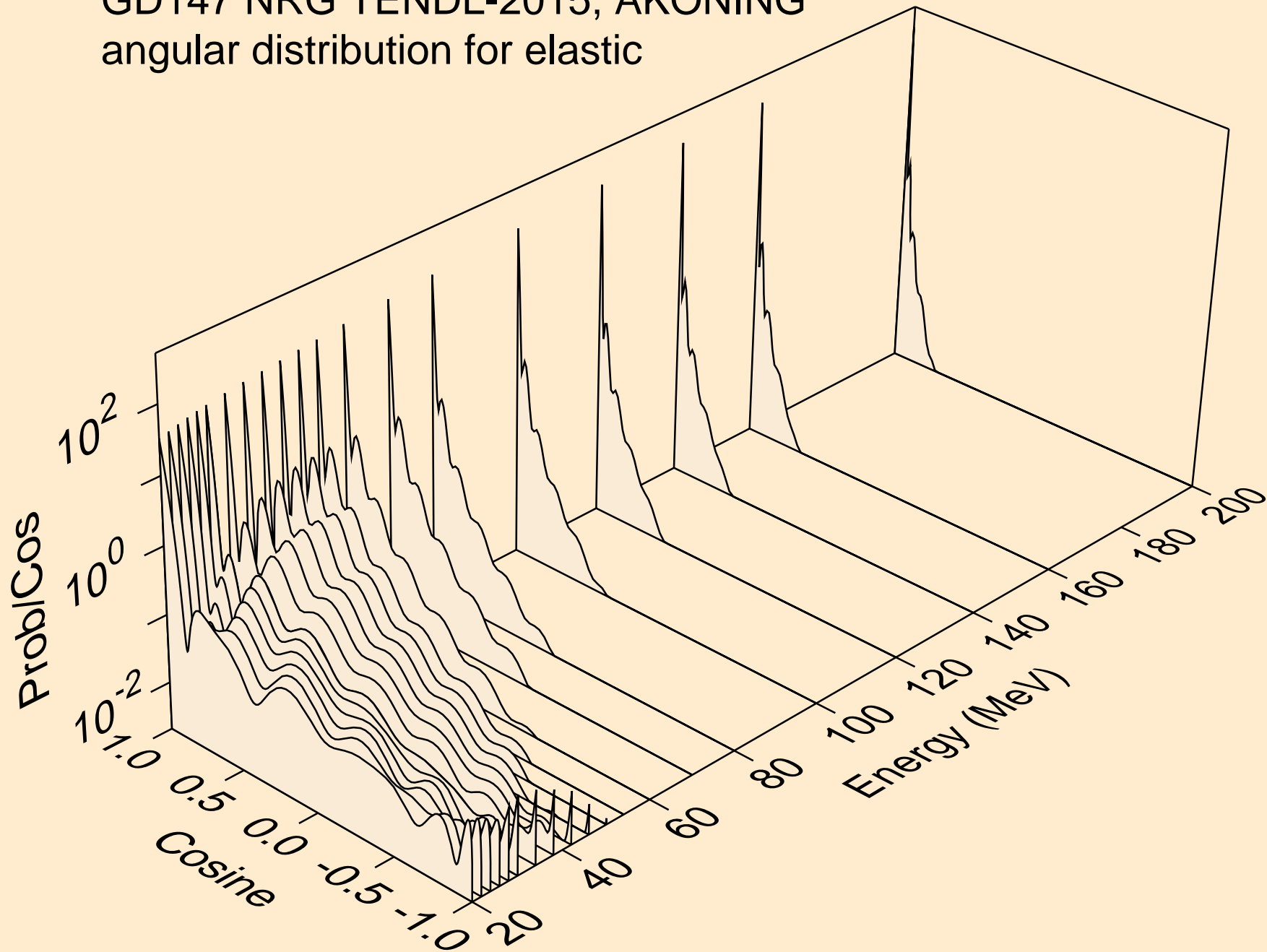




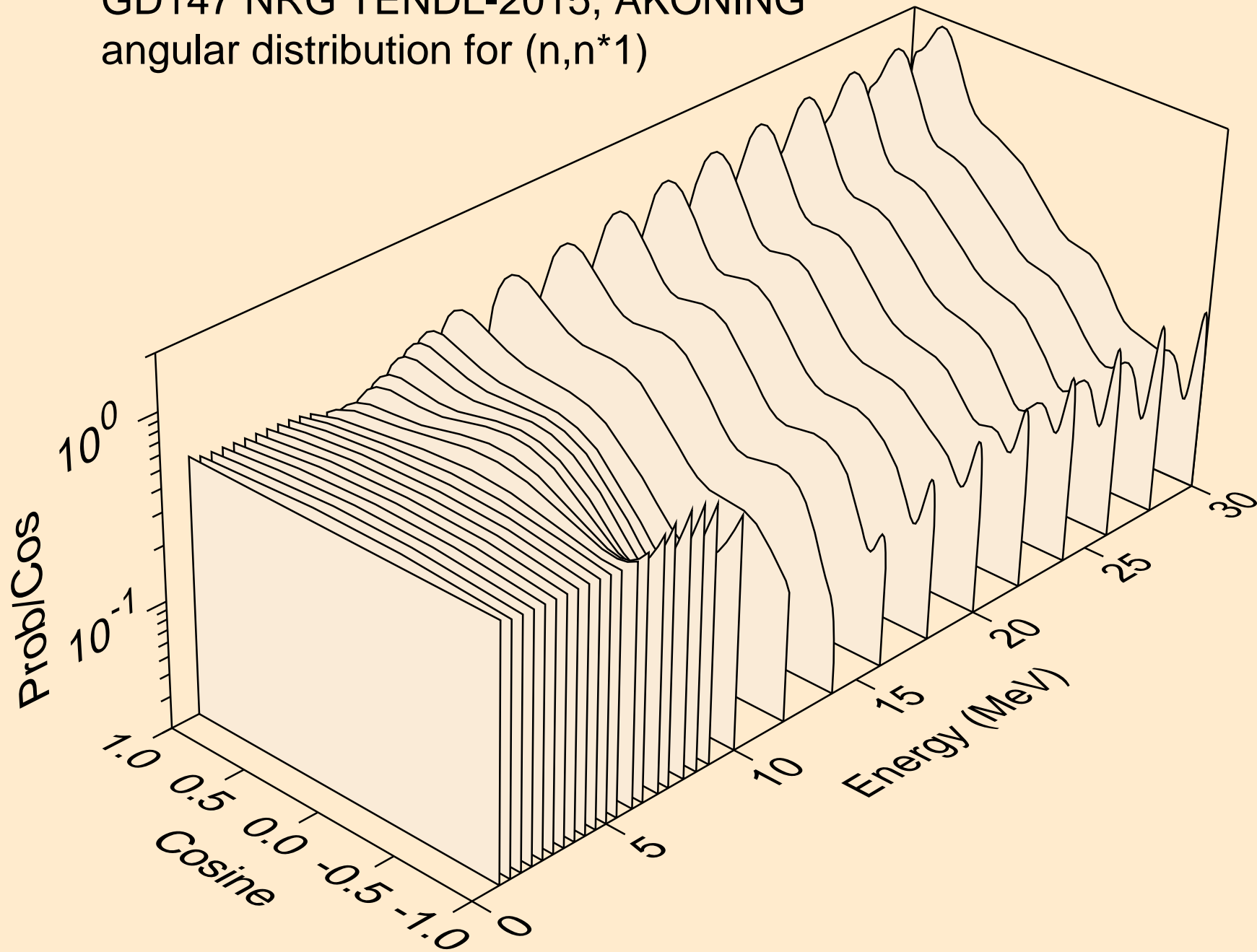
GD147 NRG TENDL-2015, AKONING  
angular distribution for elastic



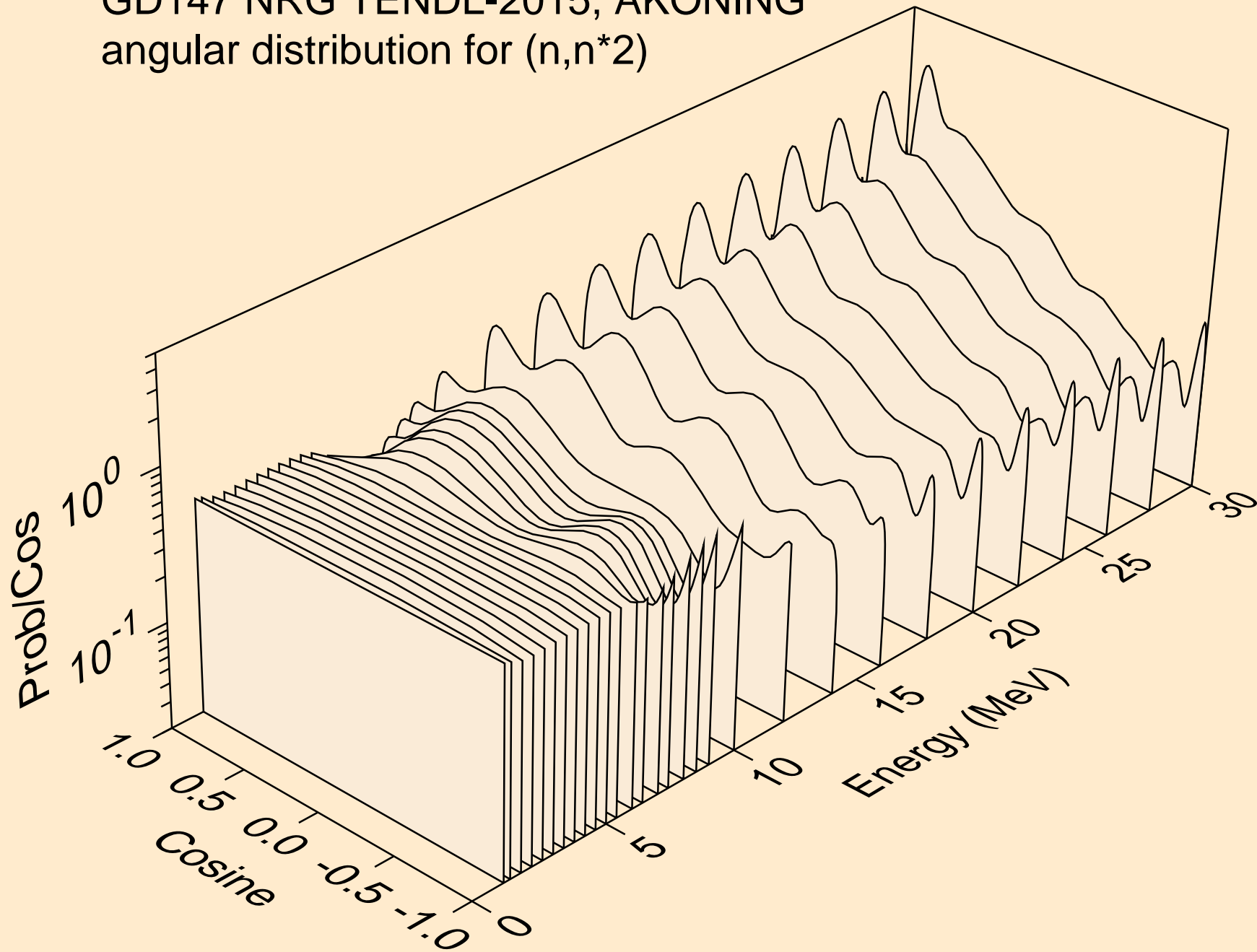
GD147 NRG TENDL-2015, AKONING  
angular distribution for elastic



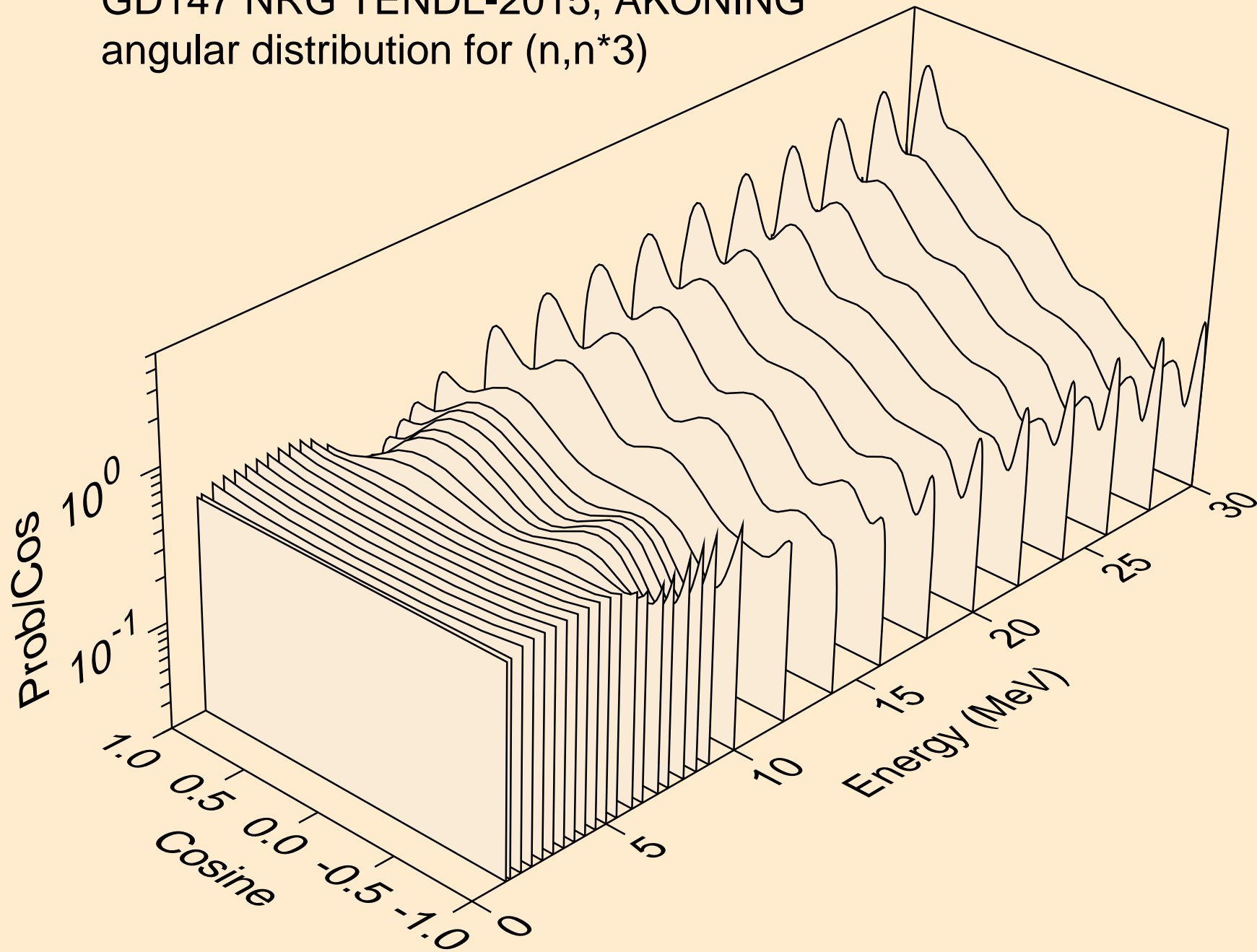
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



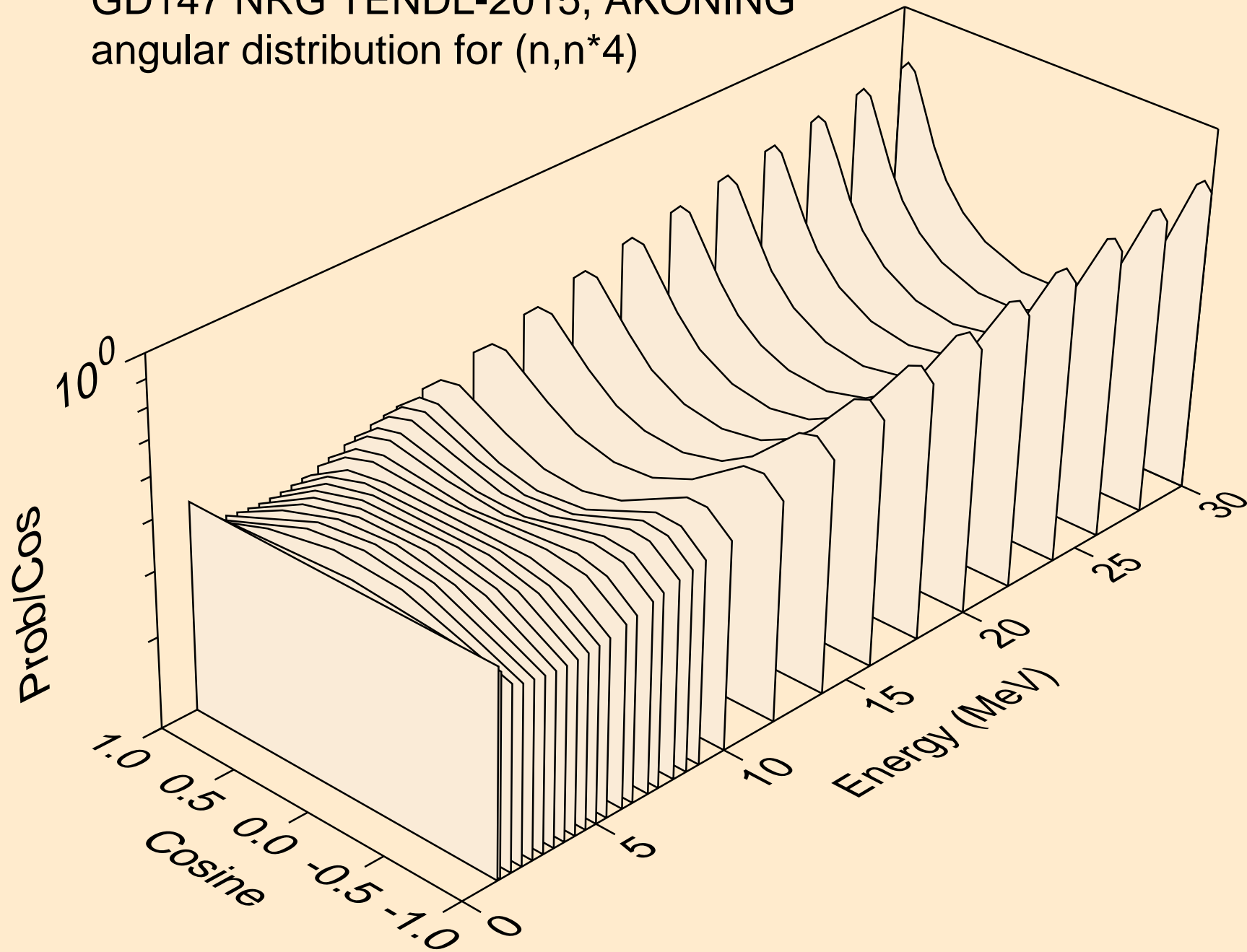
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



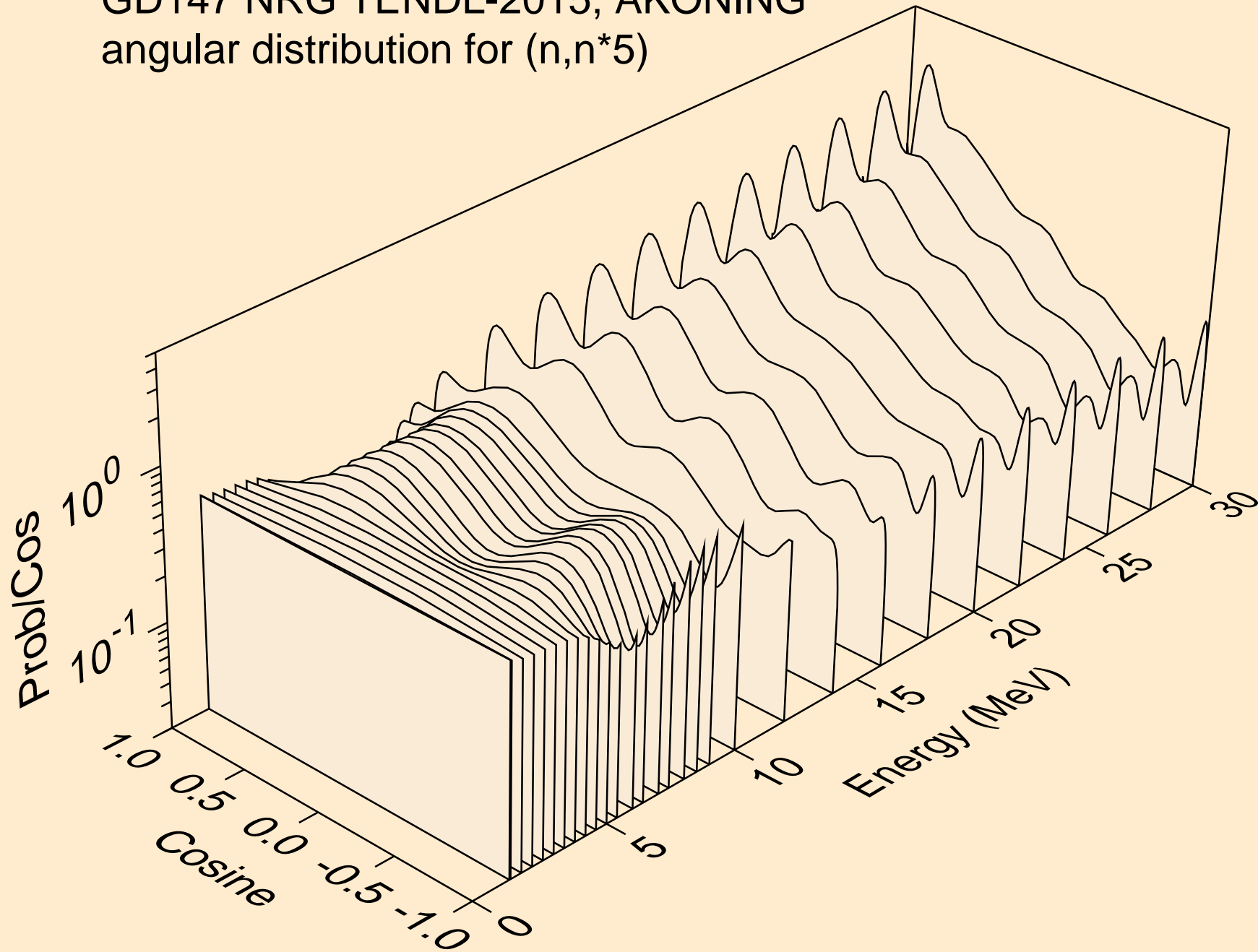
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



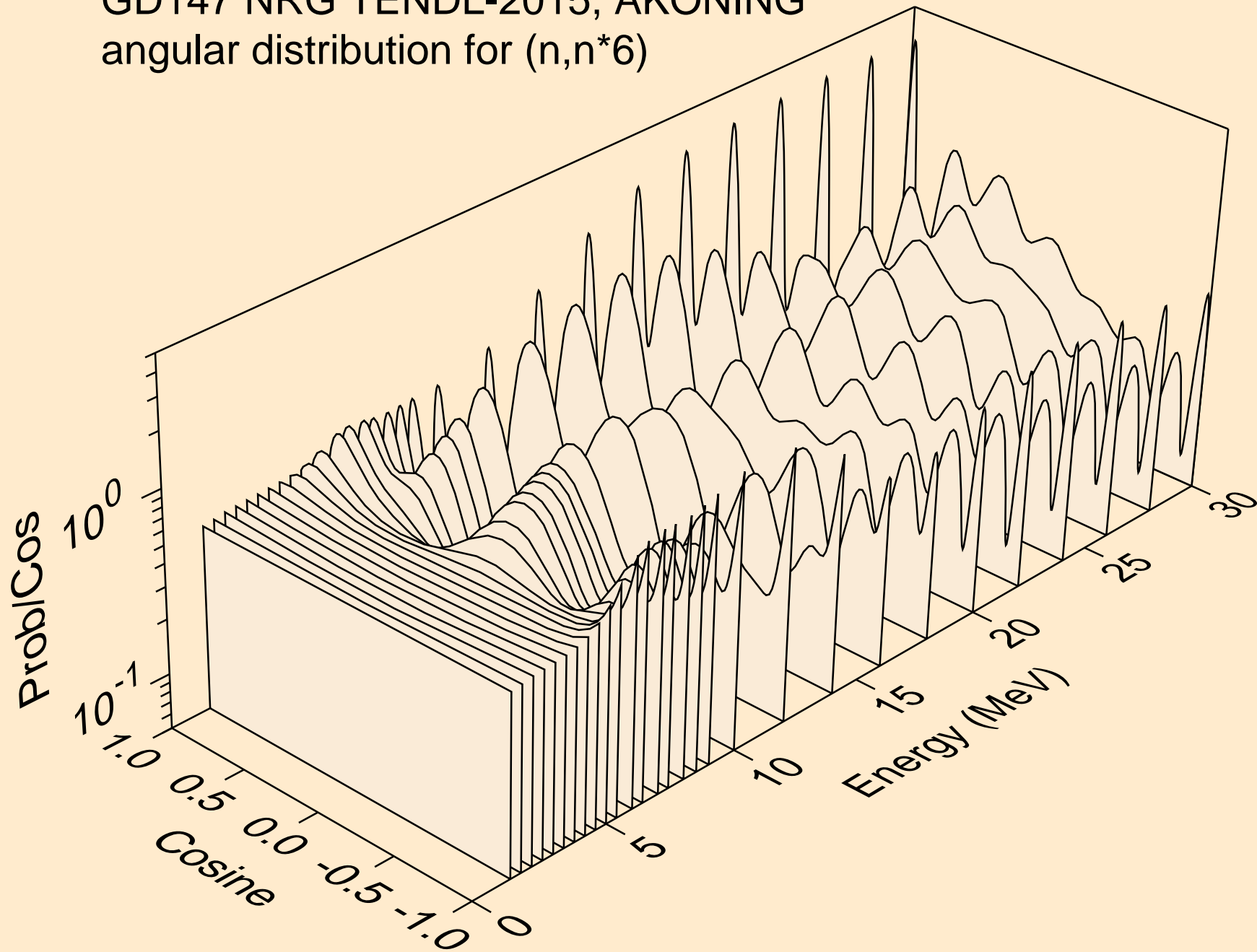
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

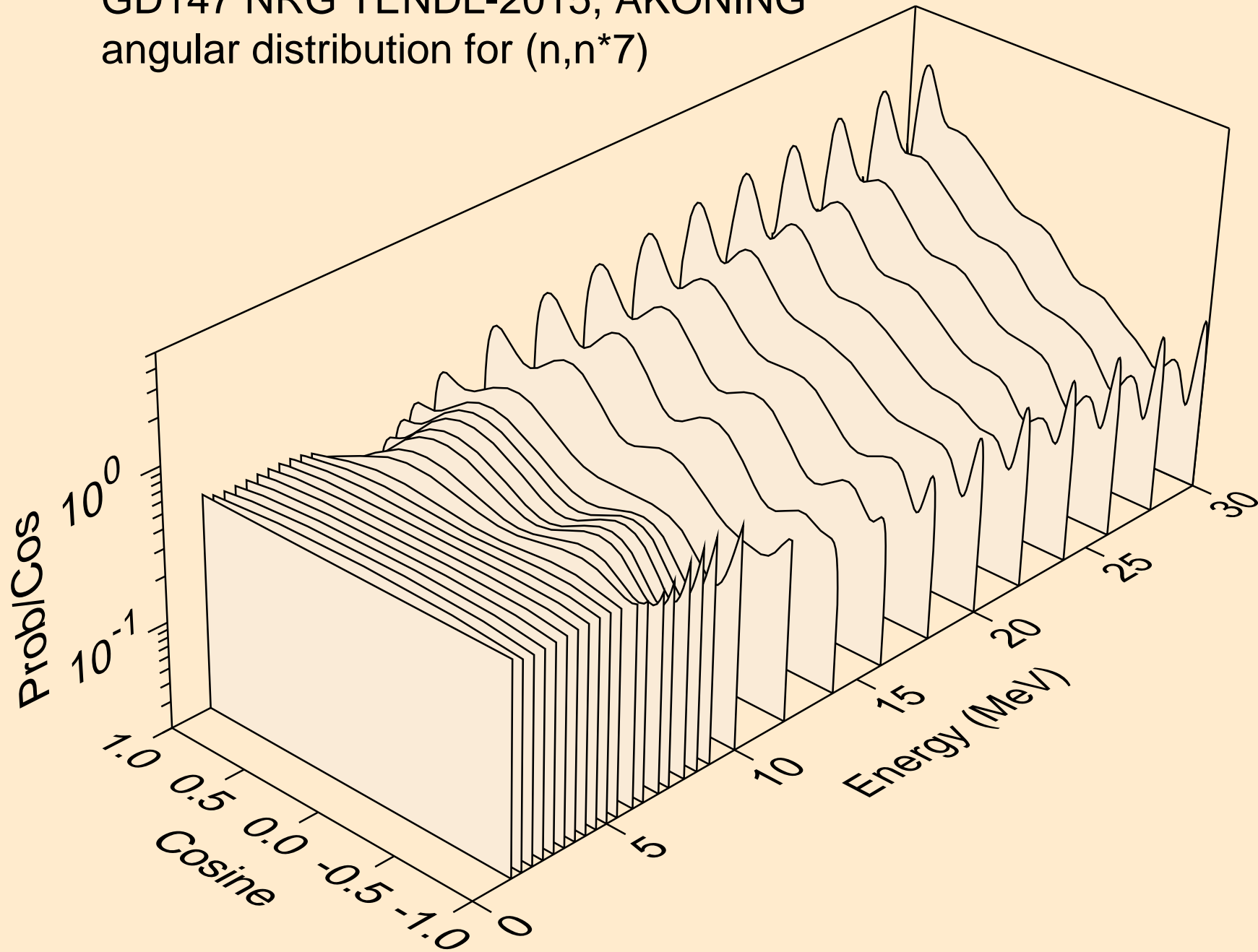


GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

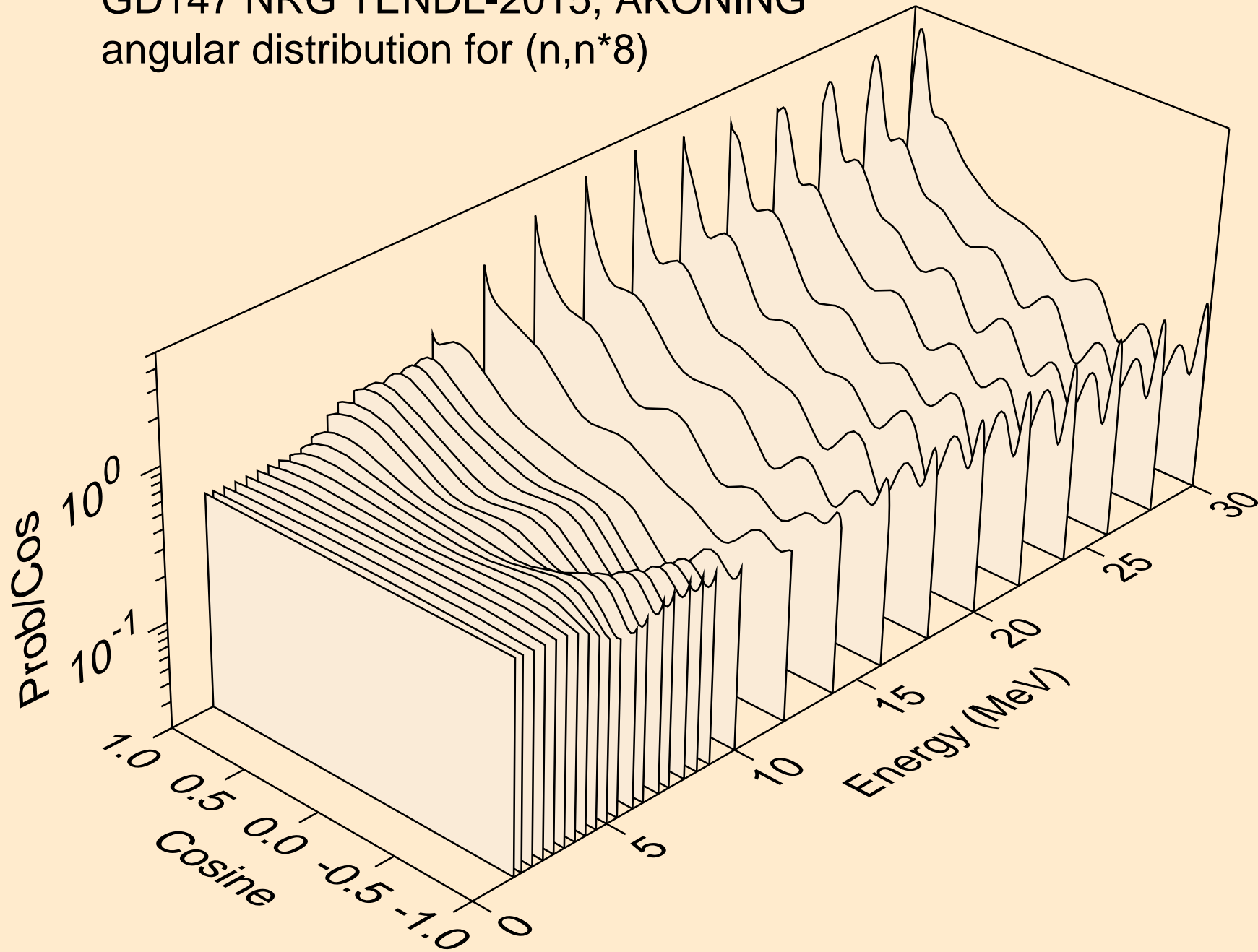




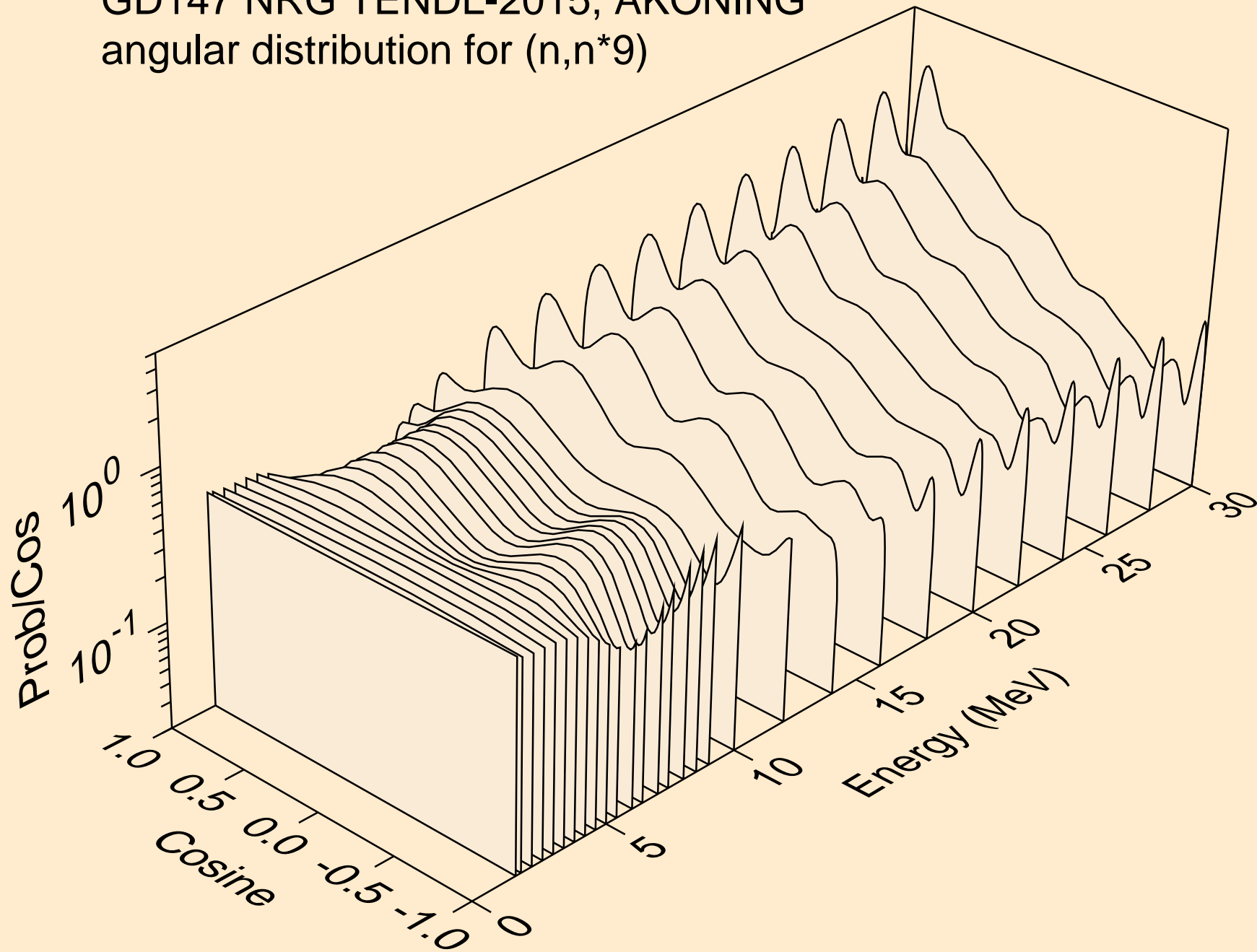
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



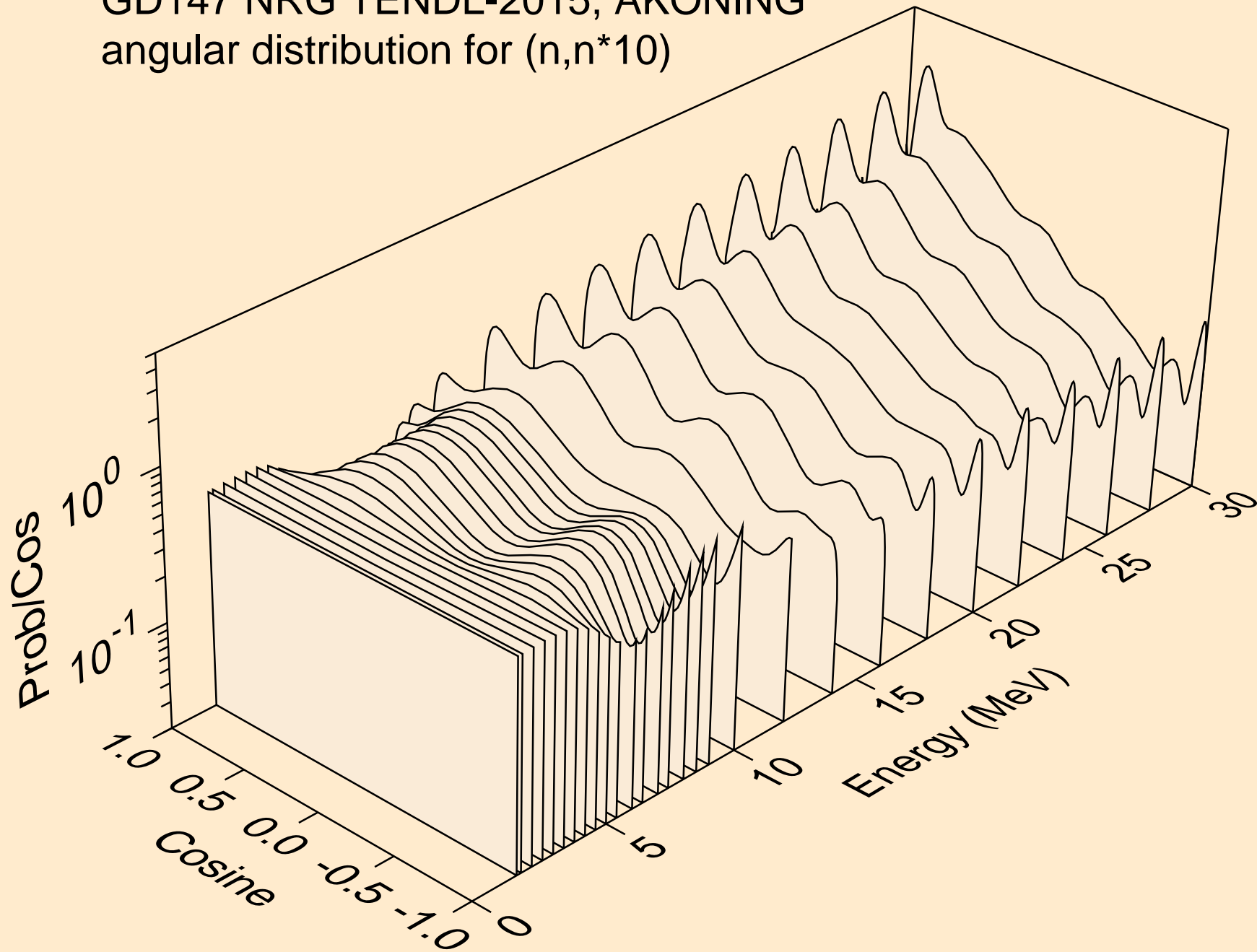
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



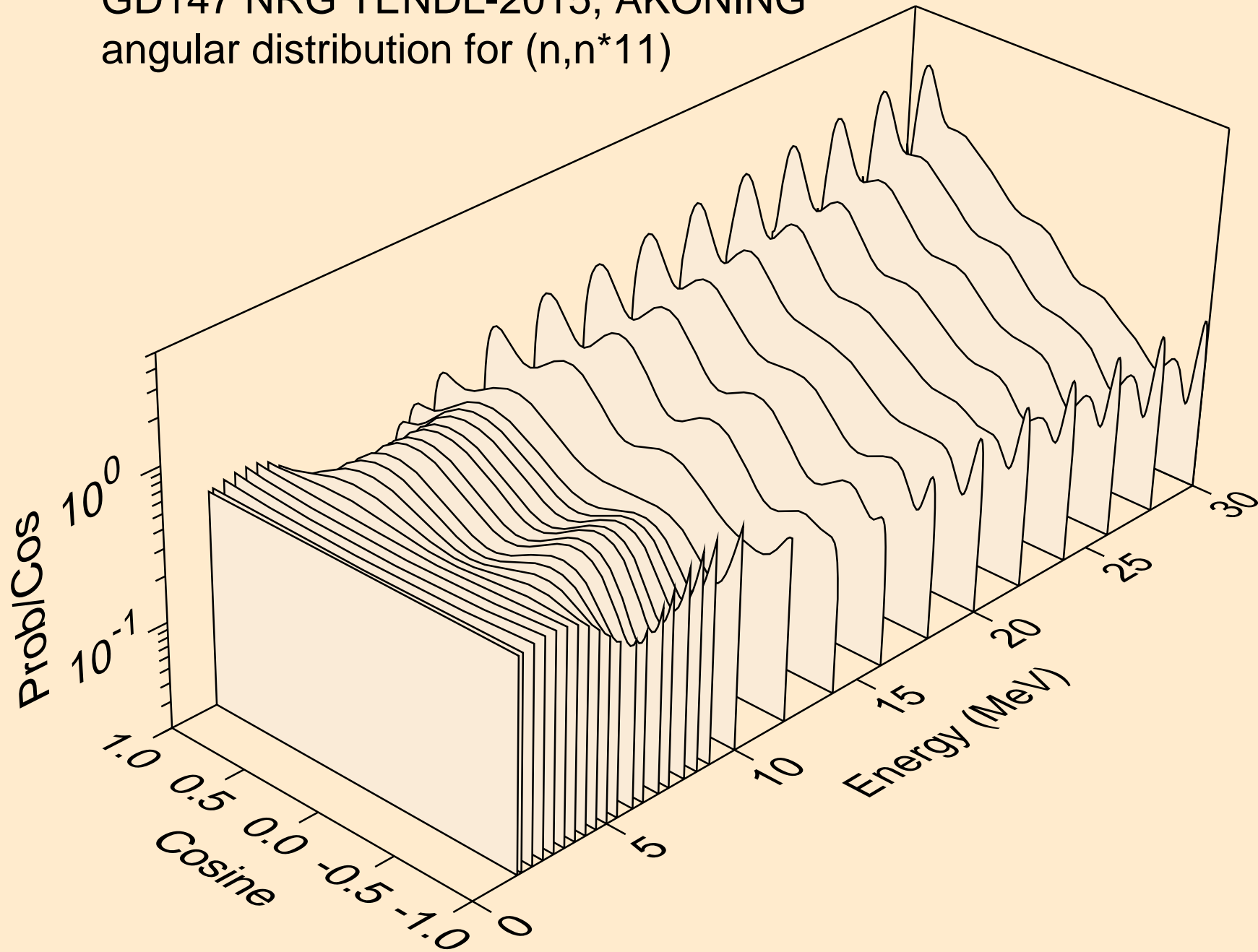
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



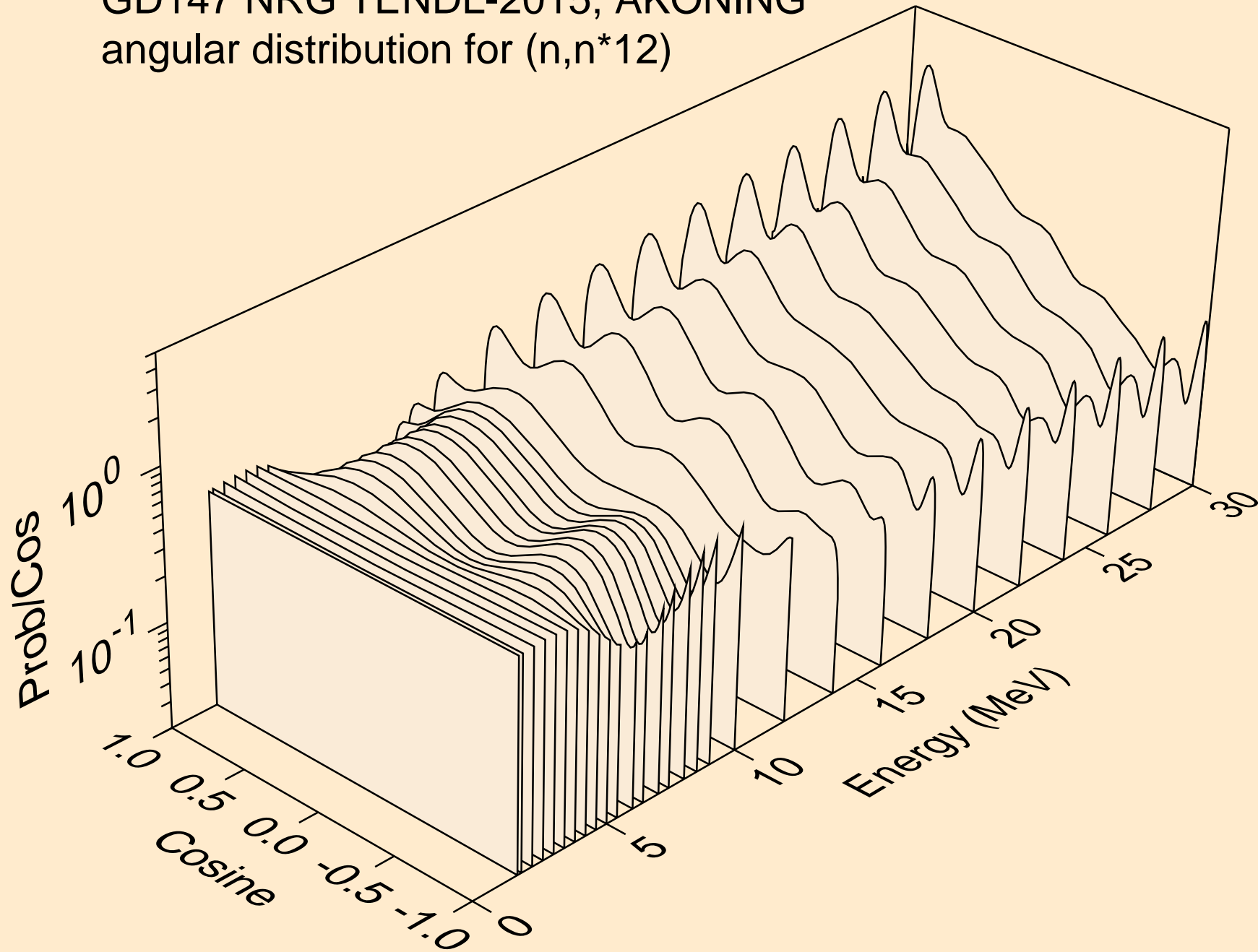
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



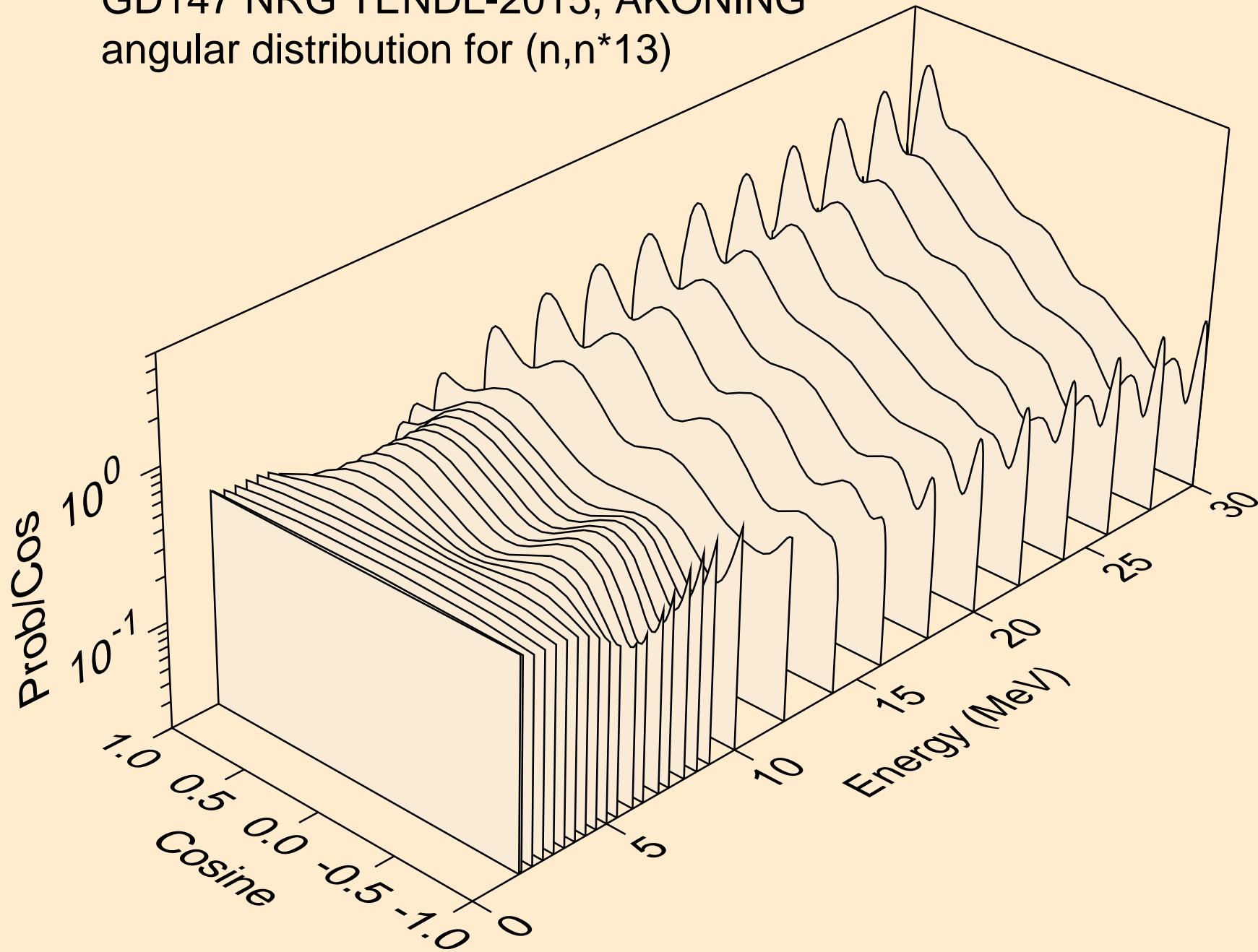
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



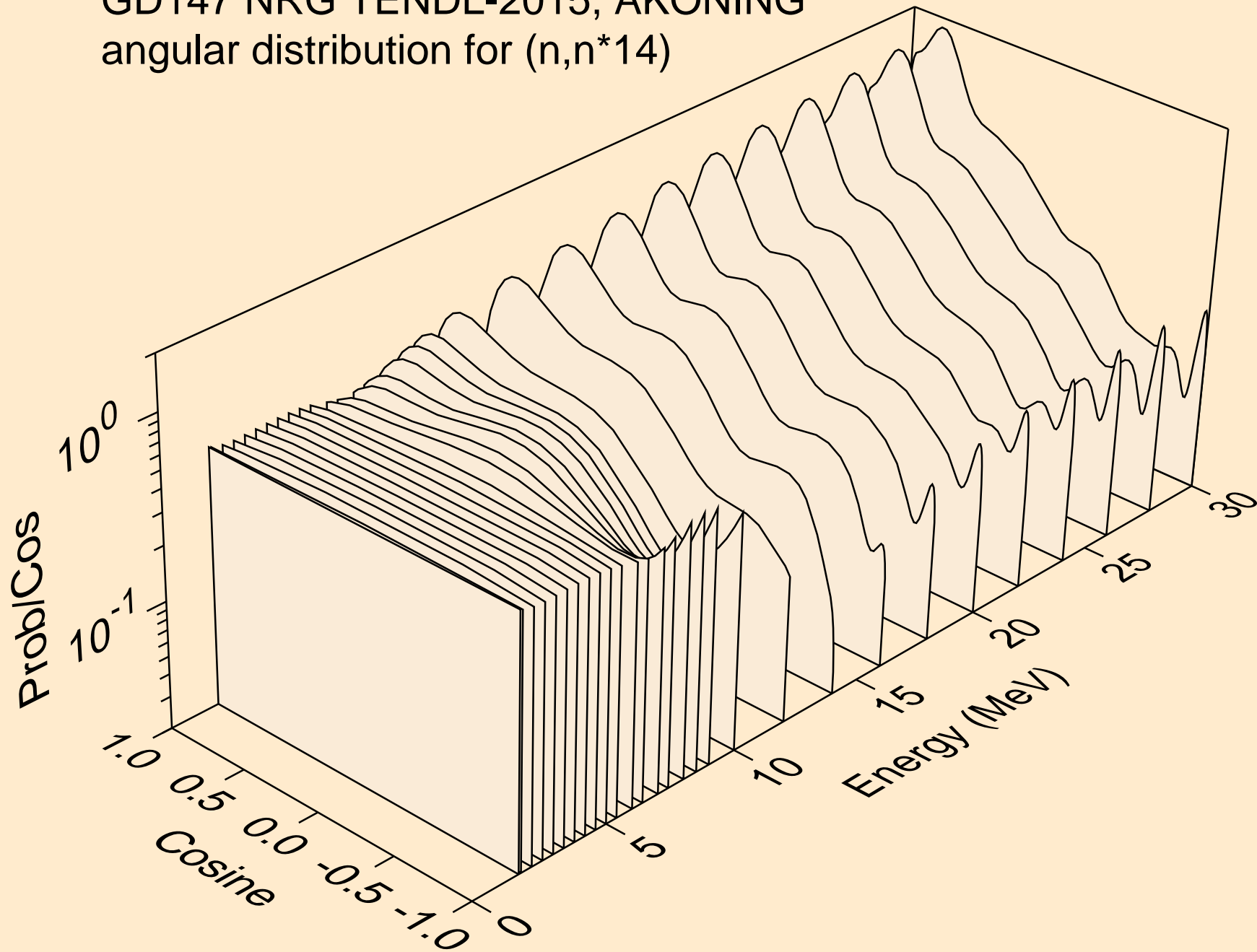
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

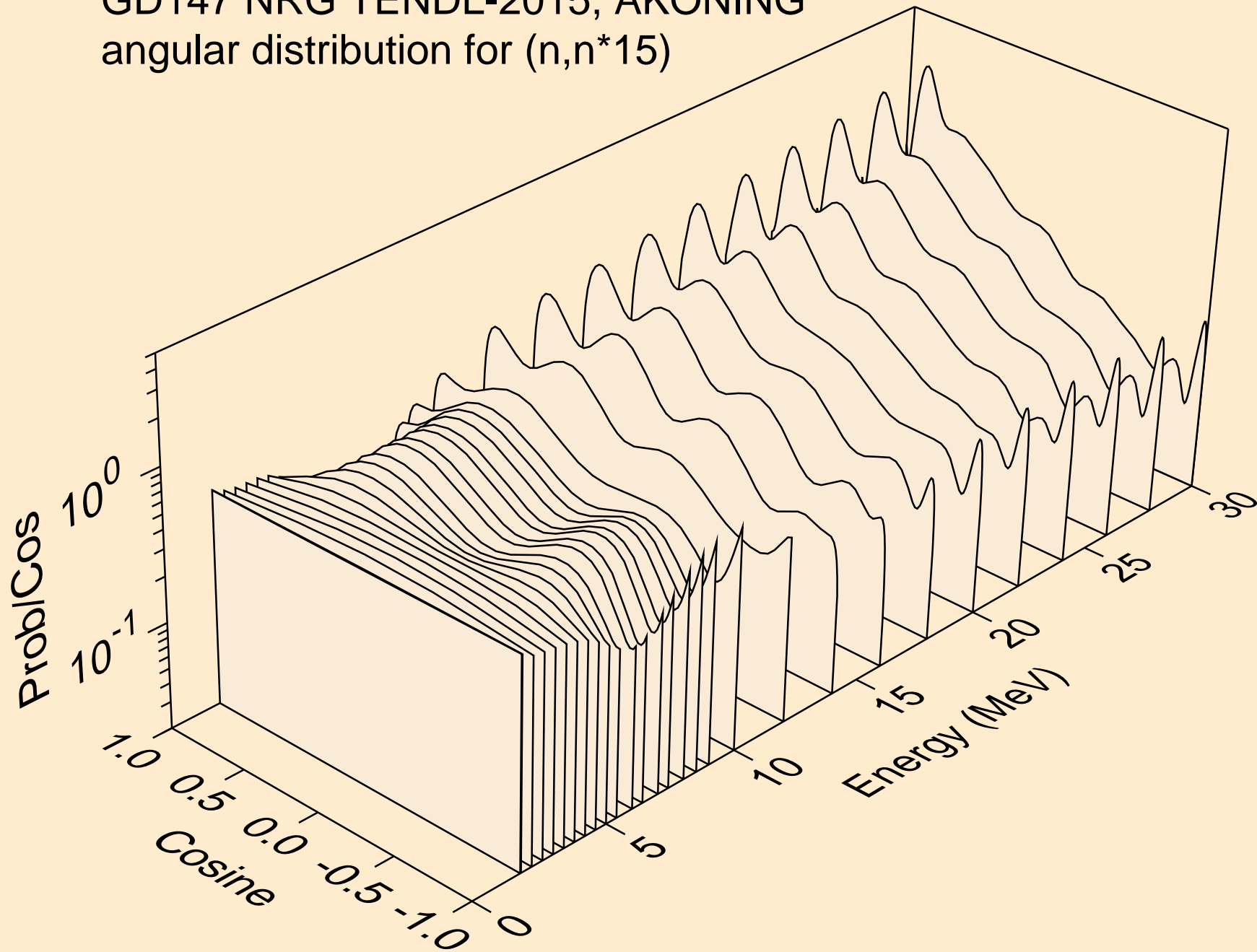


GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

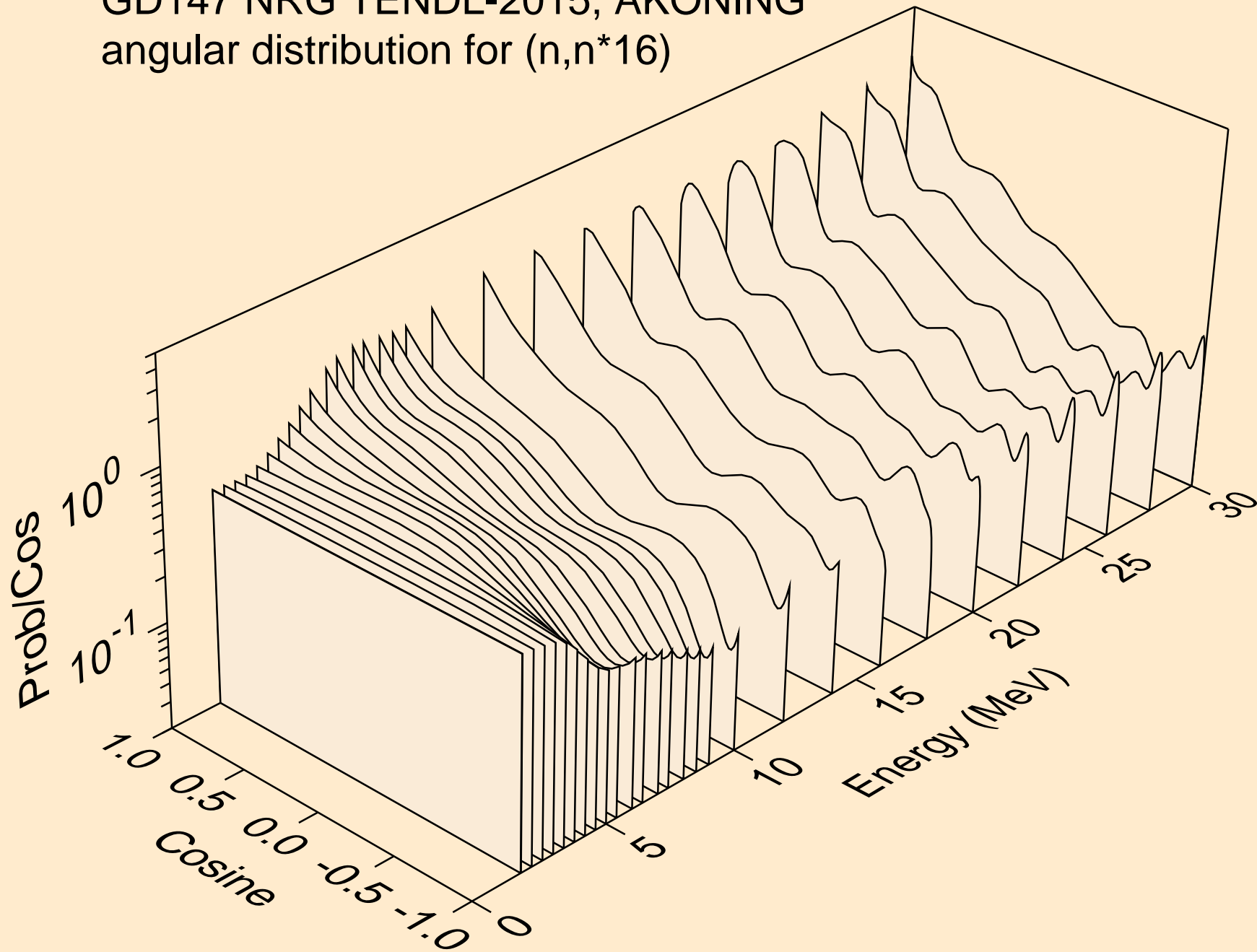




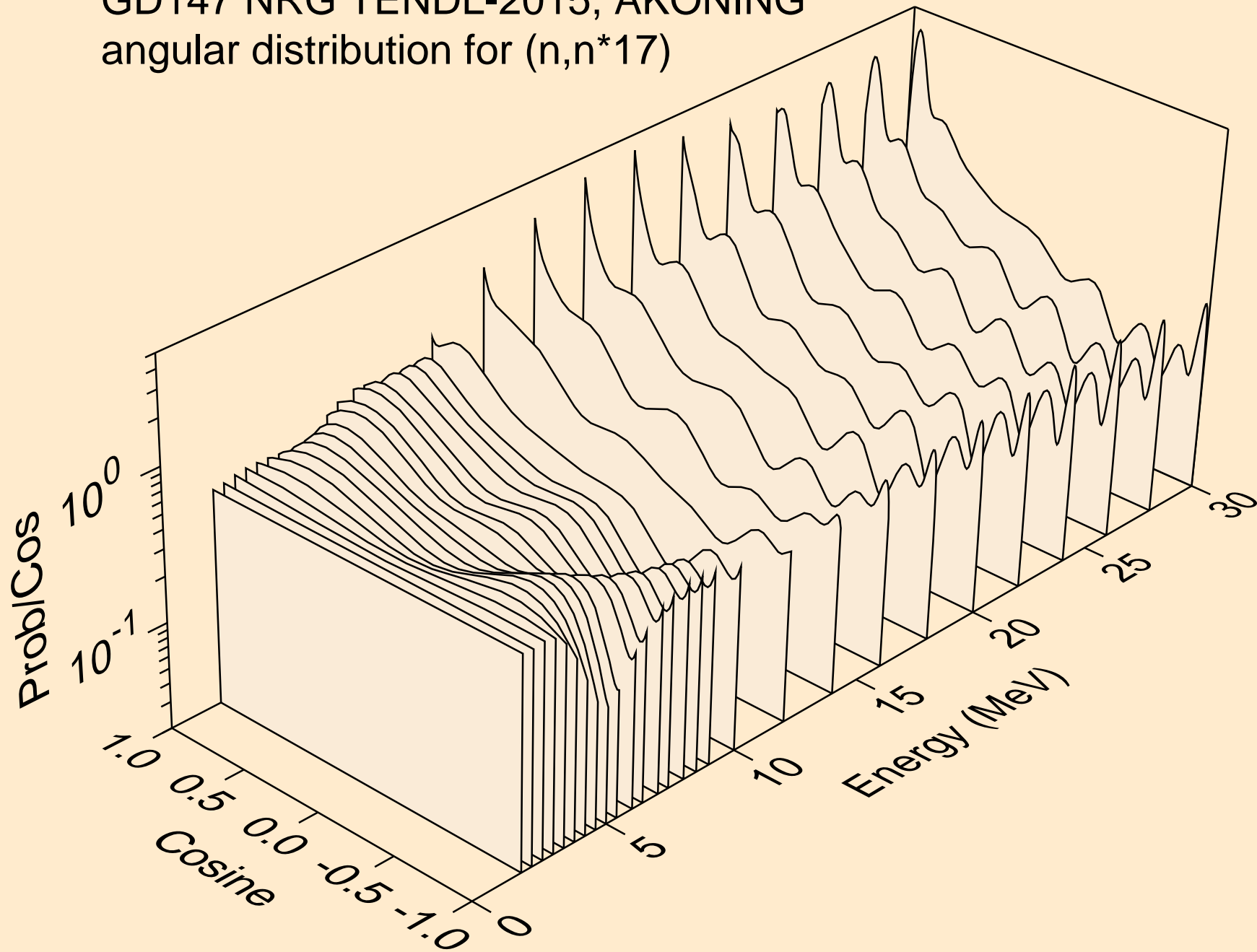
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



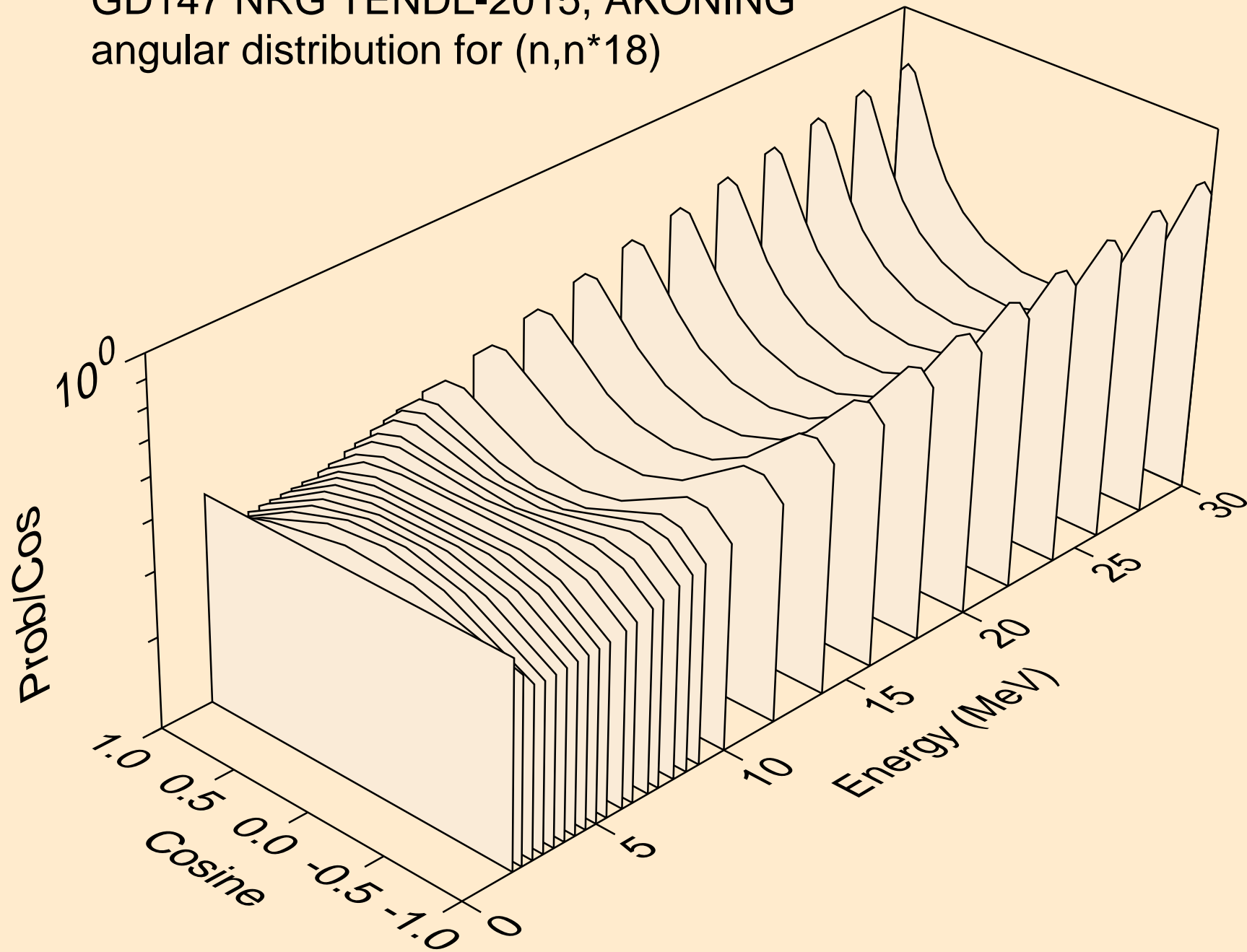
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



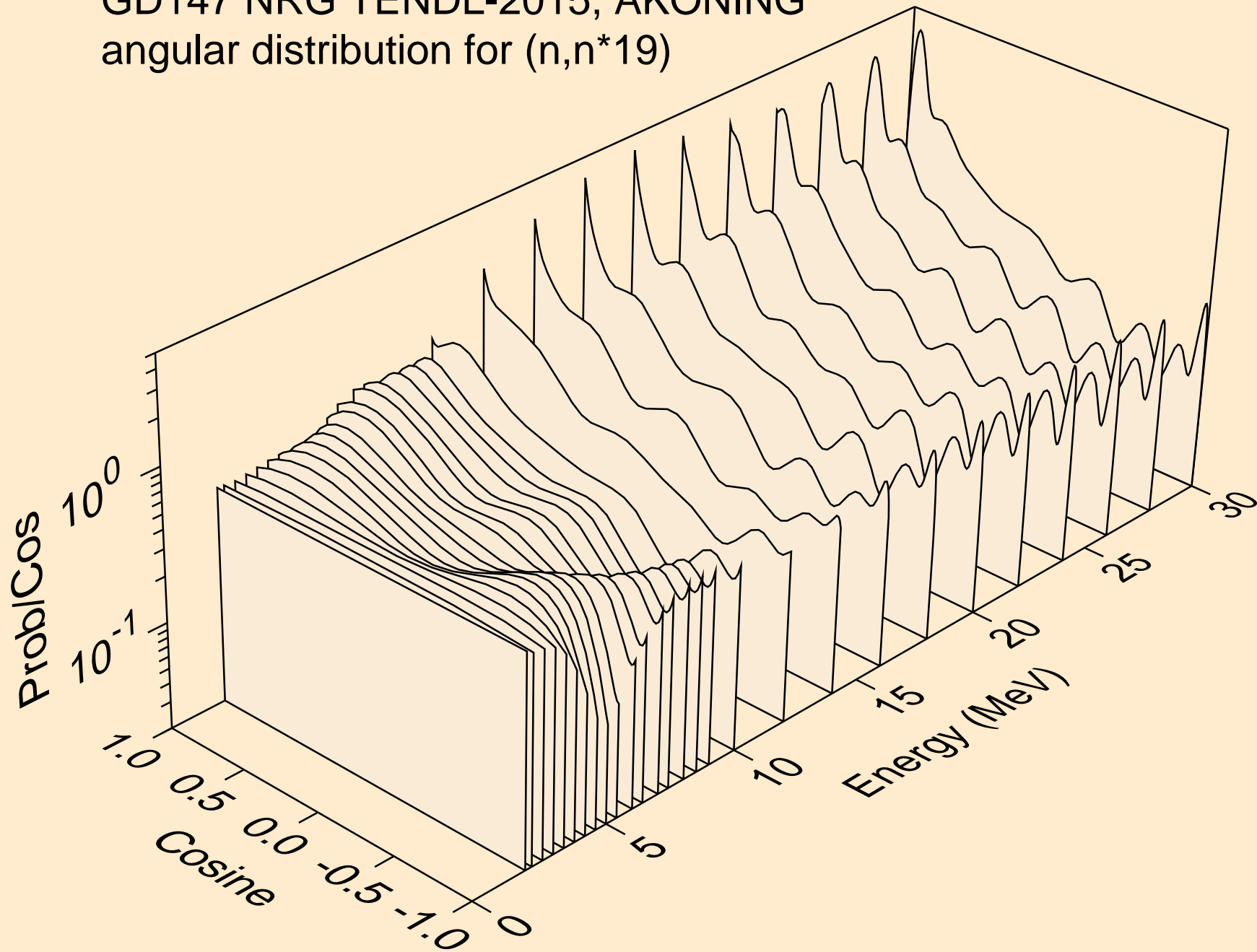
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



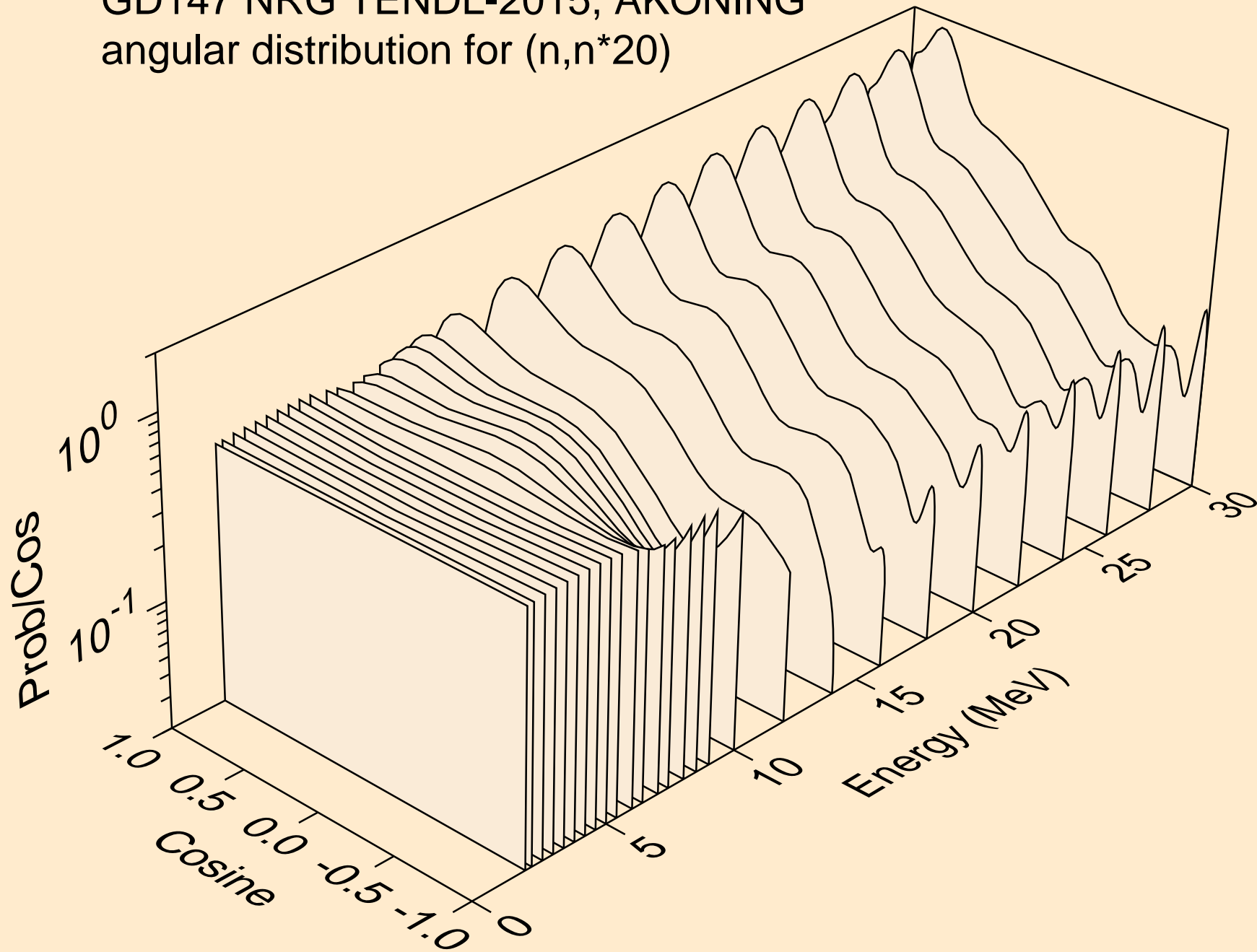
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



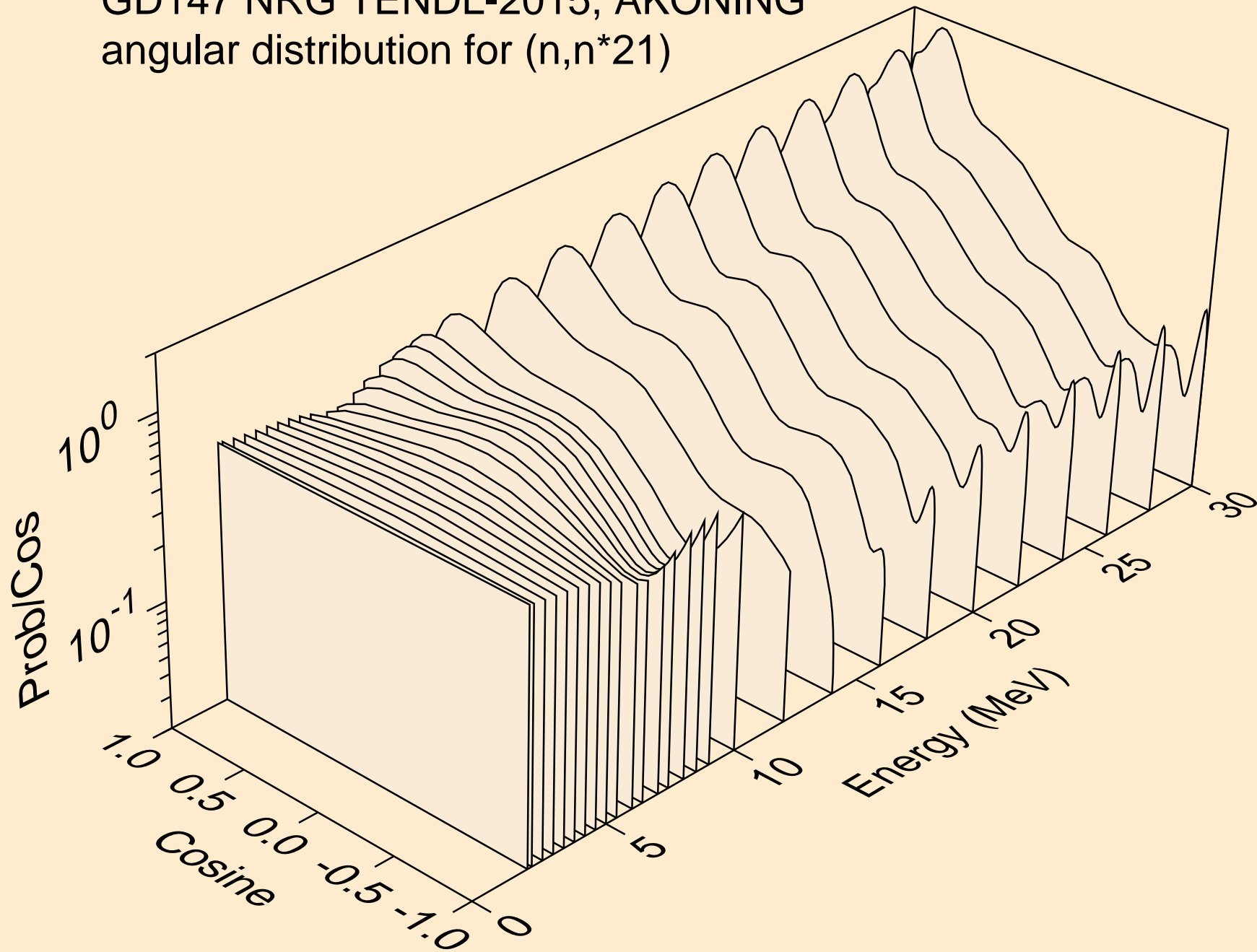
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



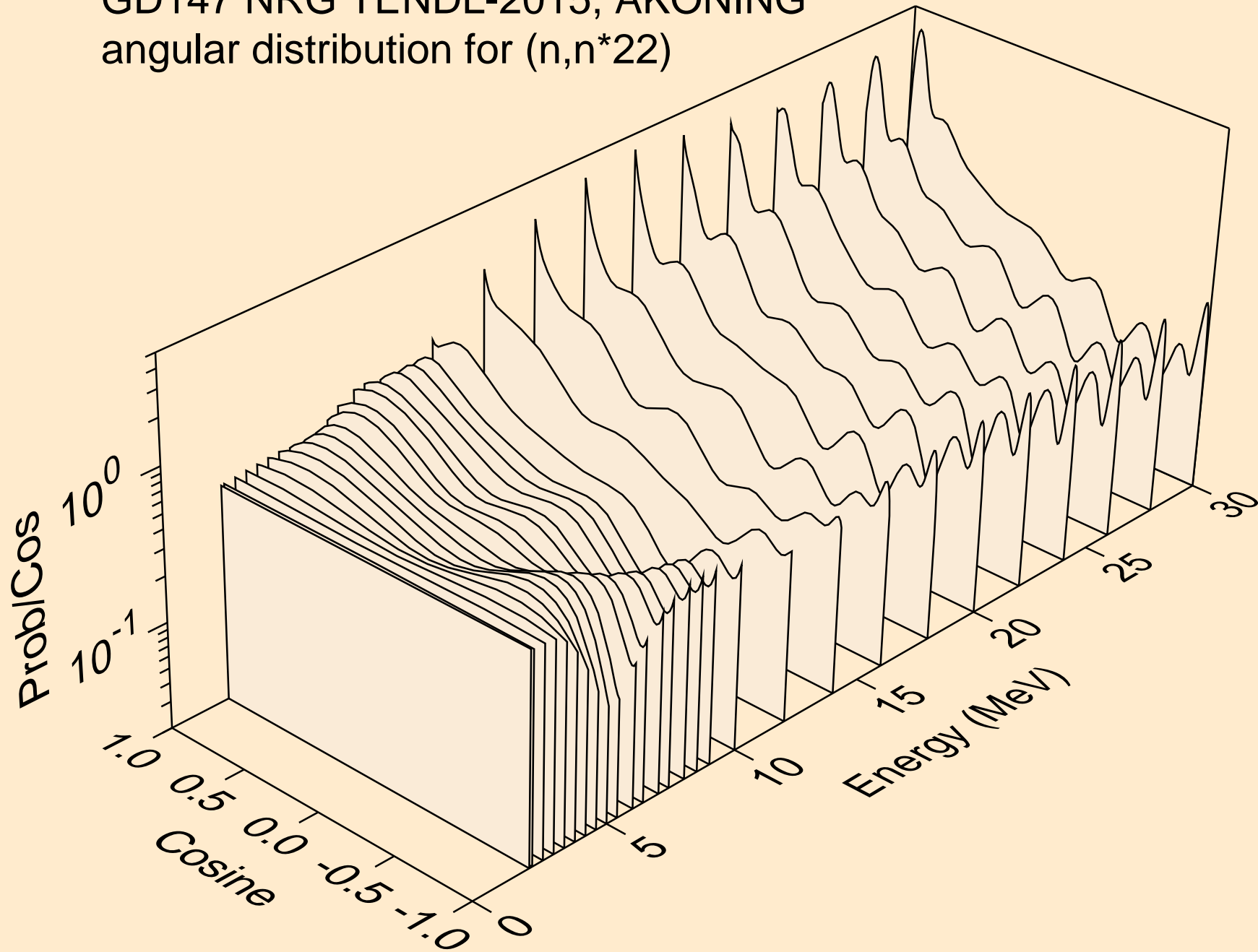
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

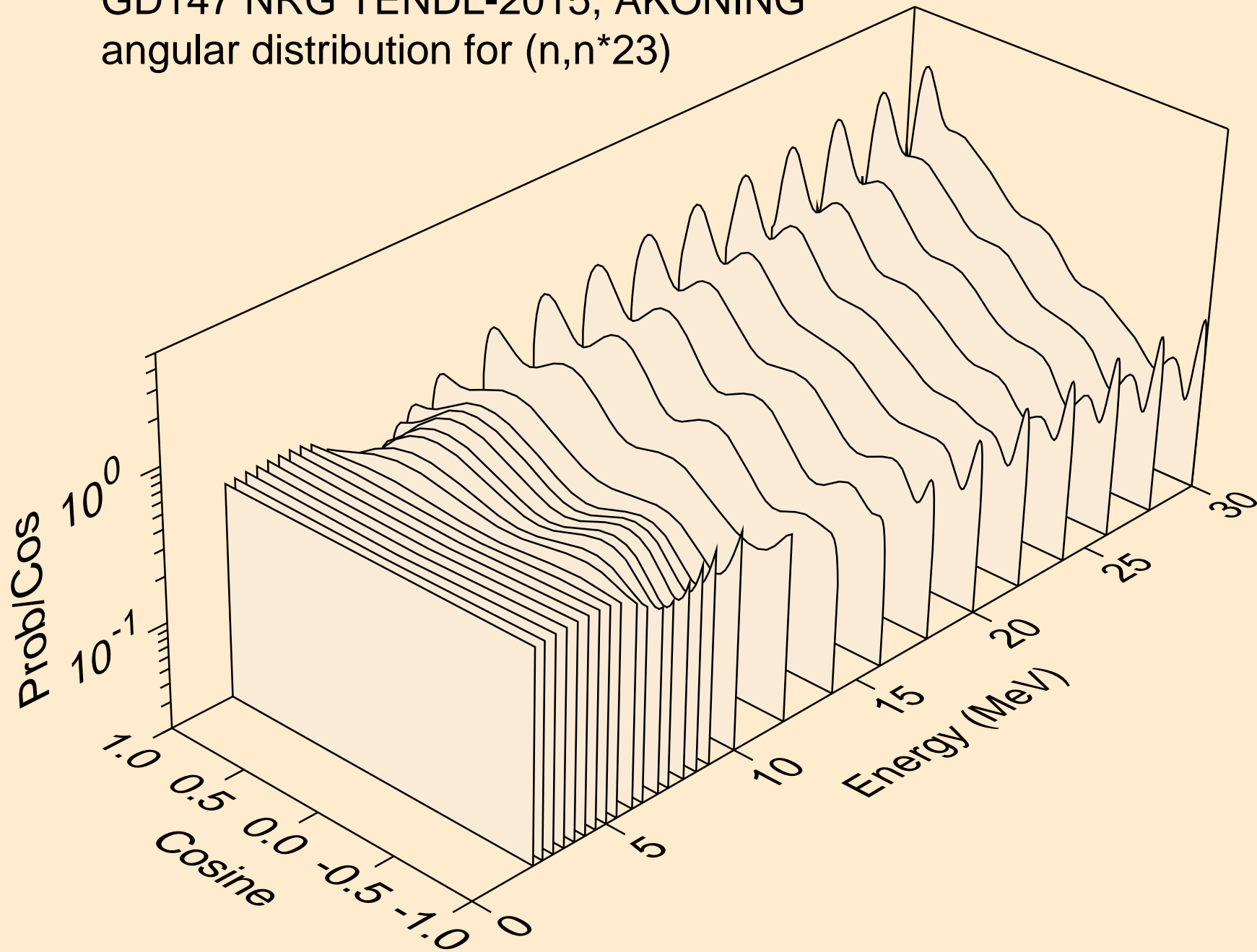


GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

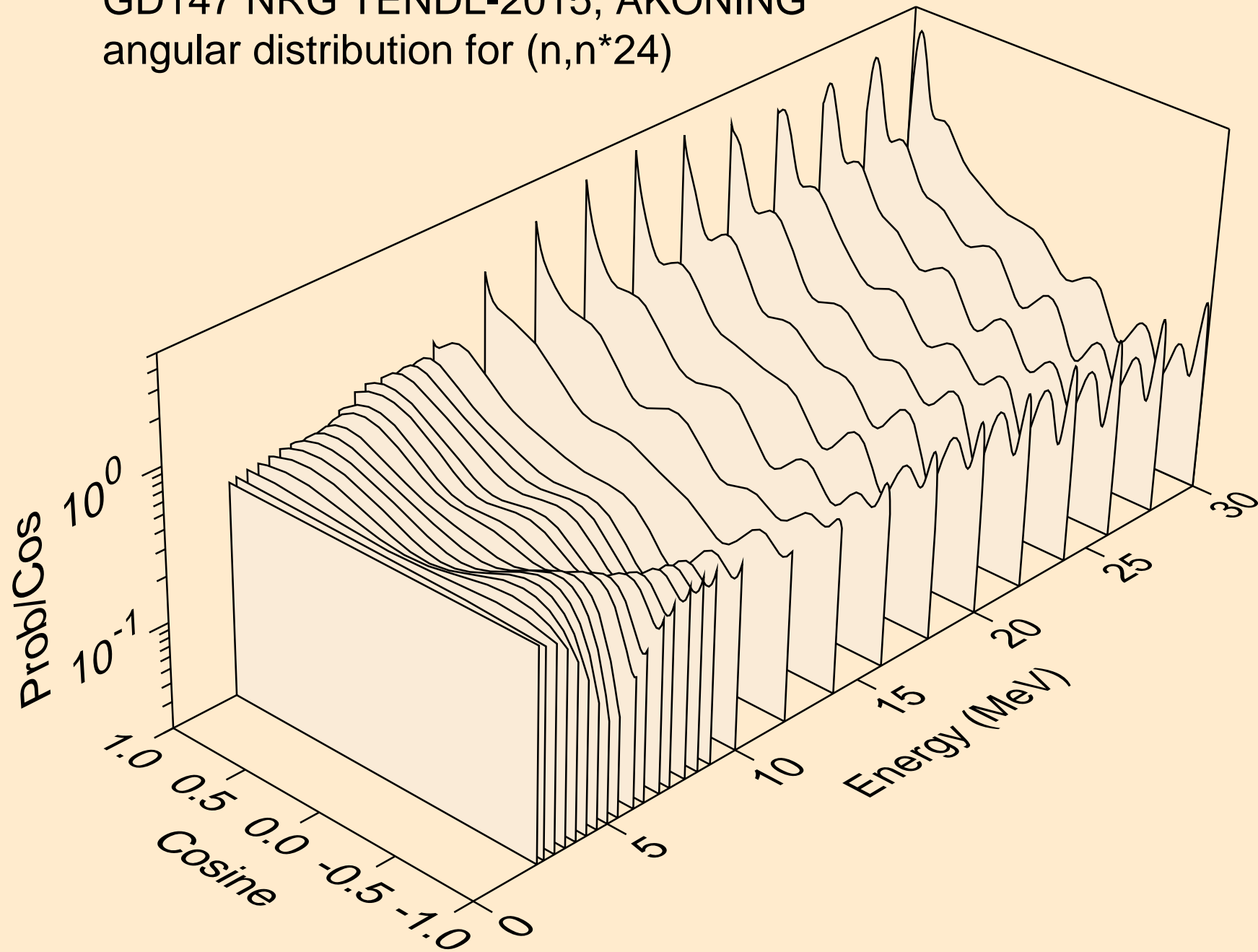




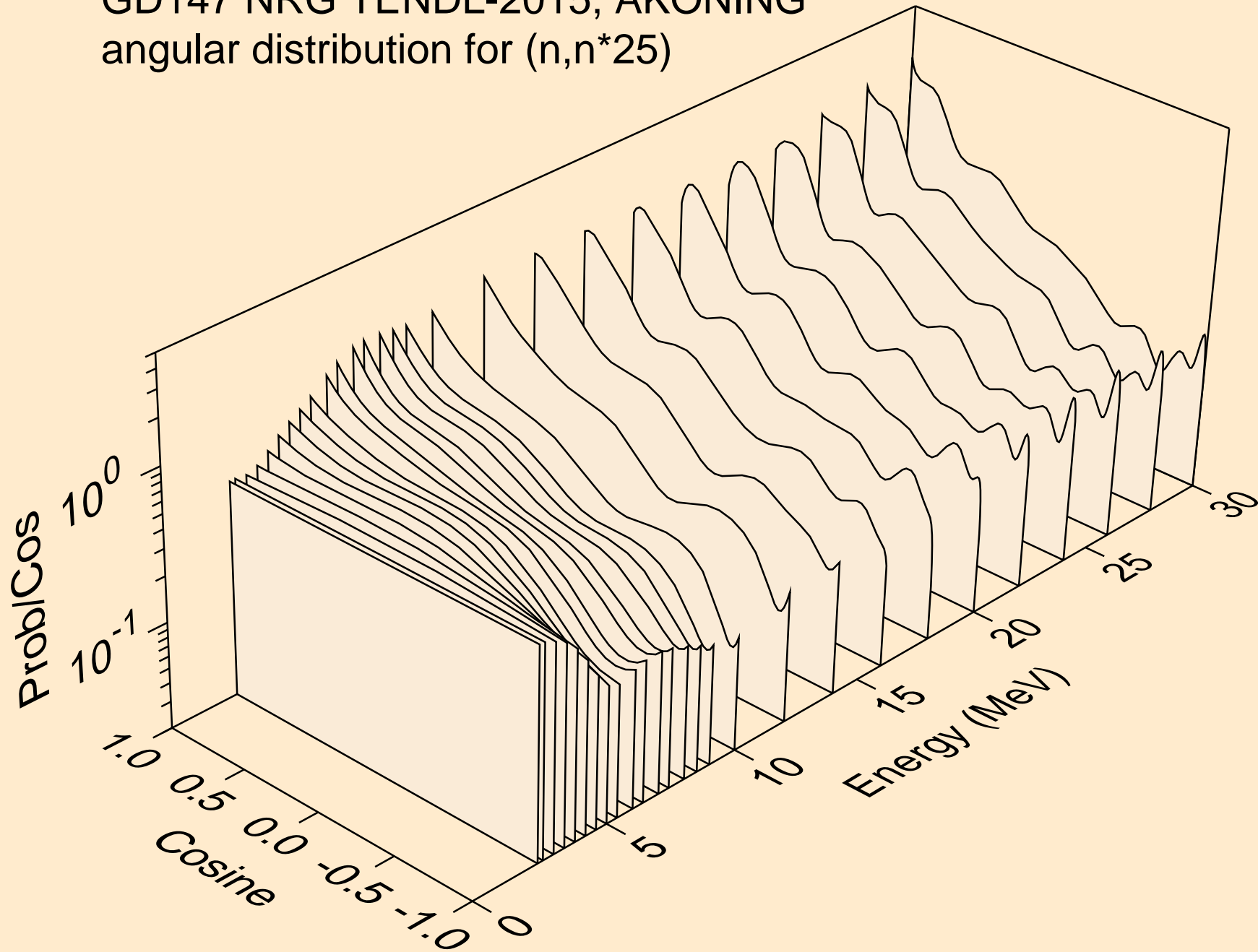
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



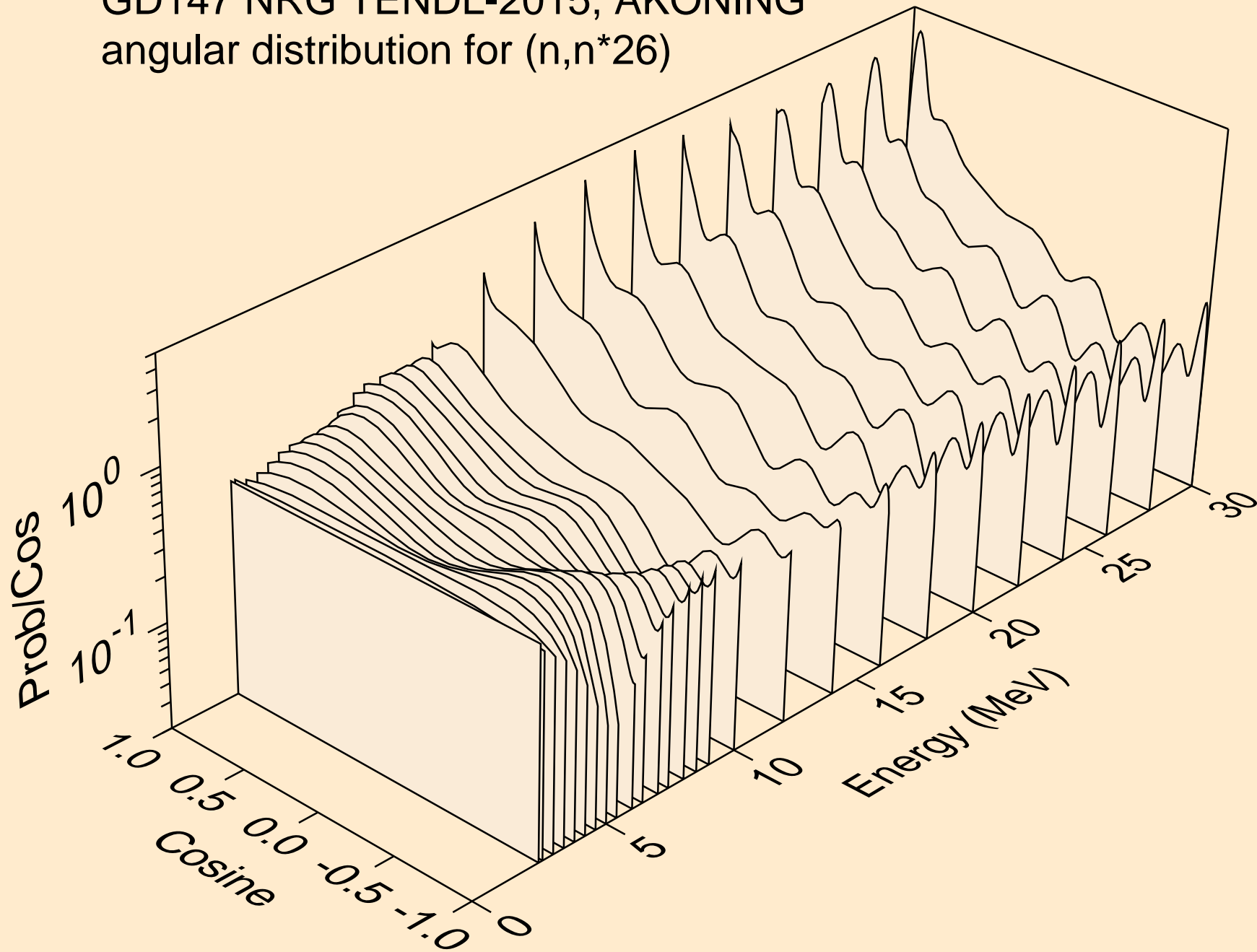
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



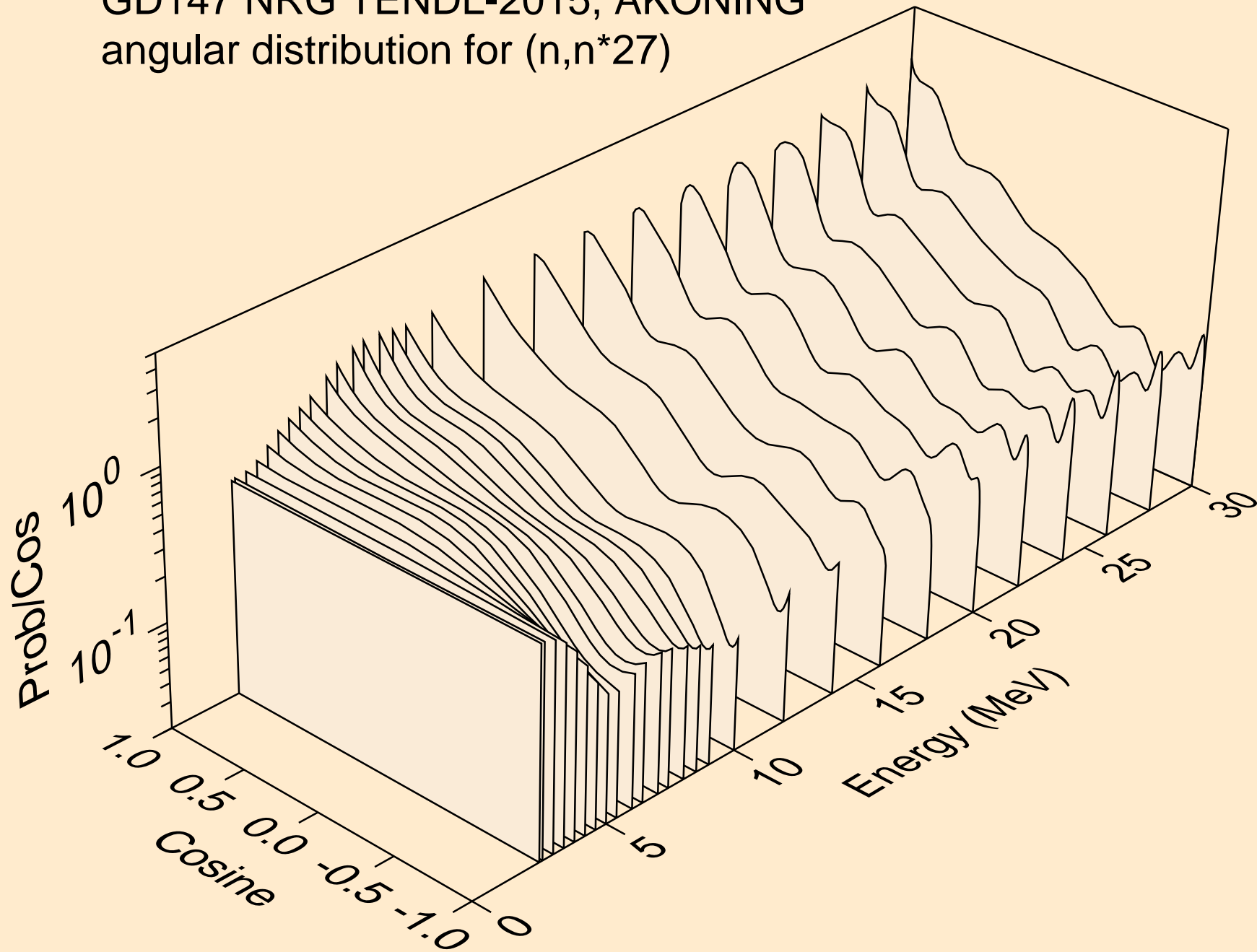
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



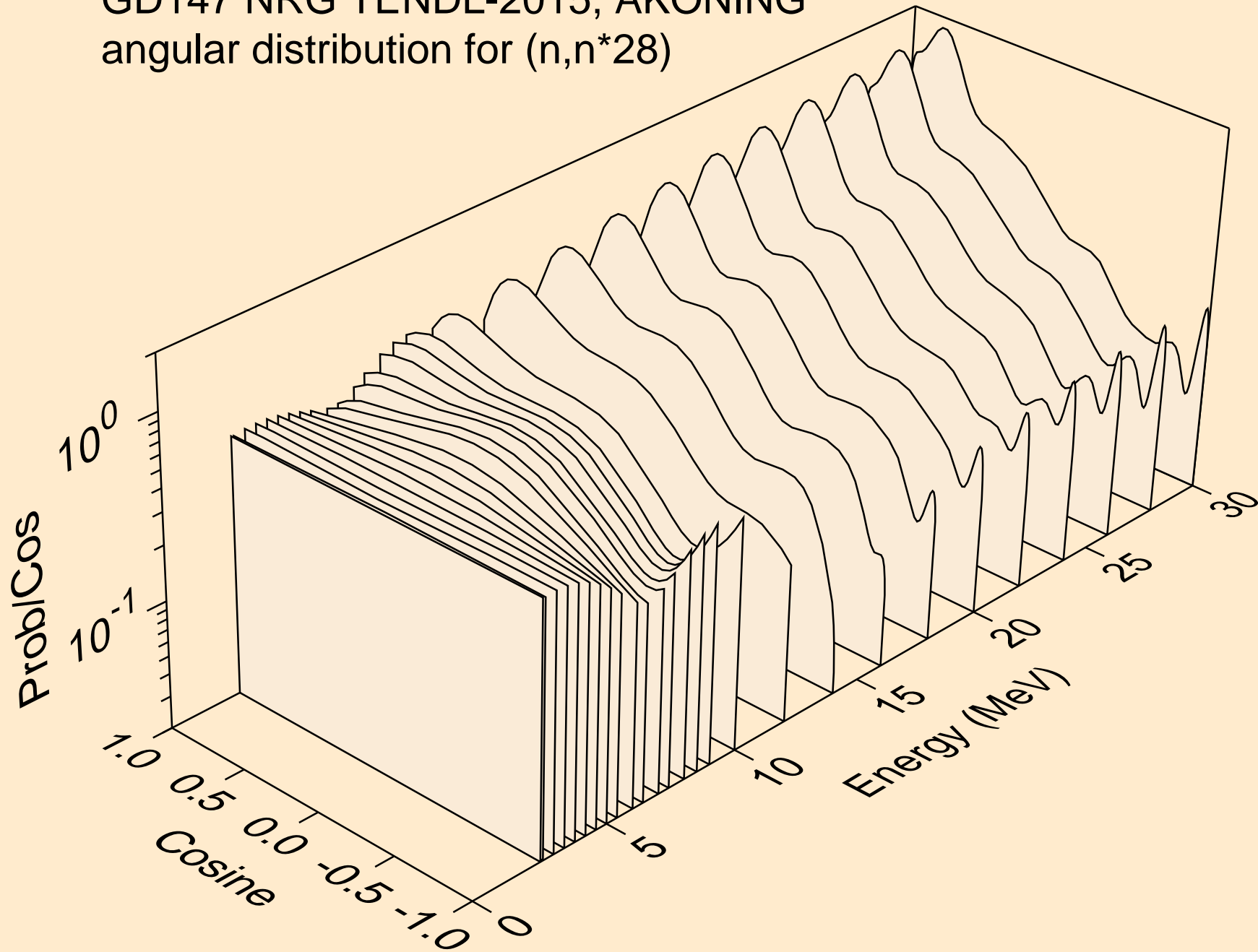
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



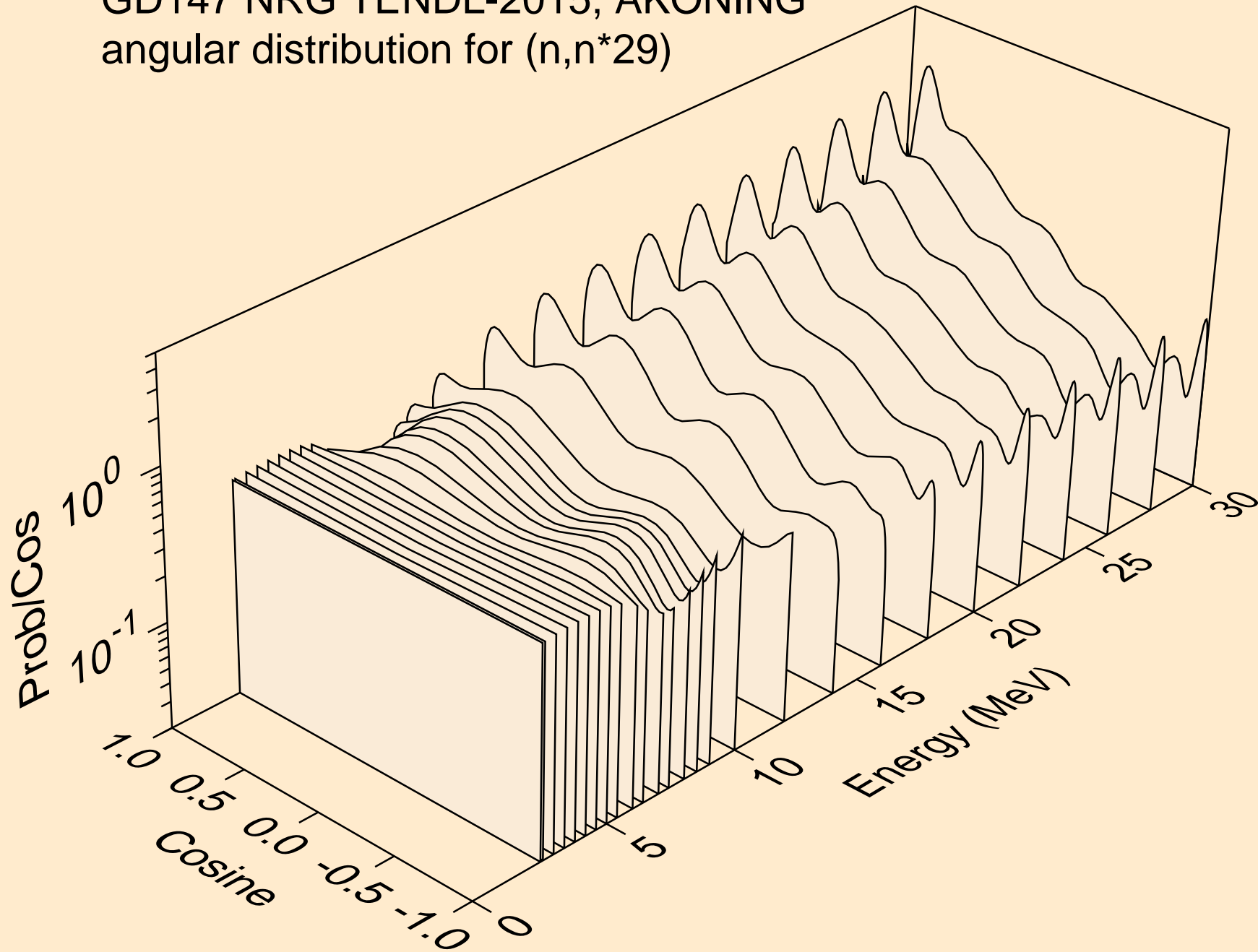
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



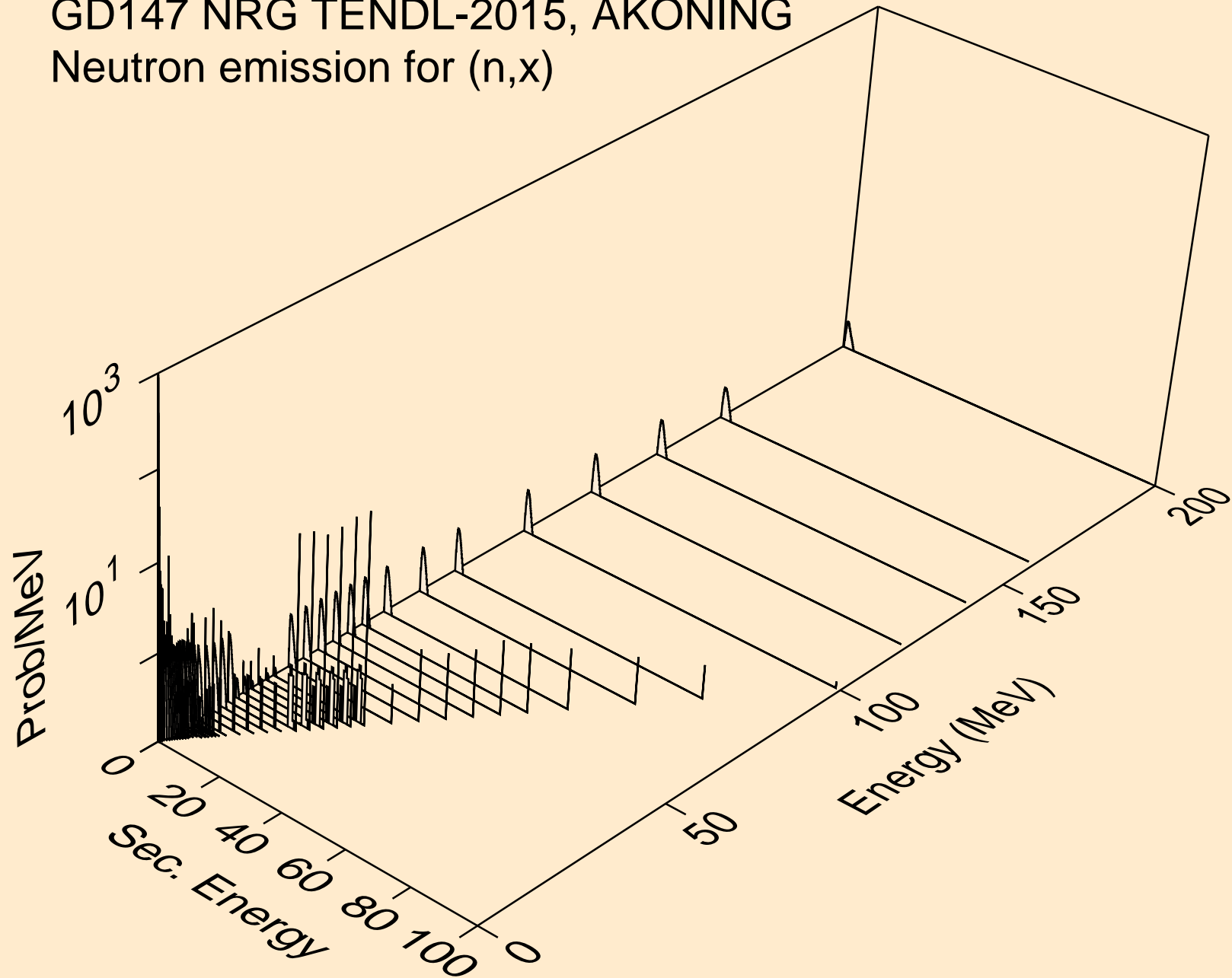
GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



GD147 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

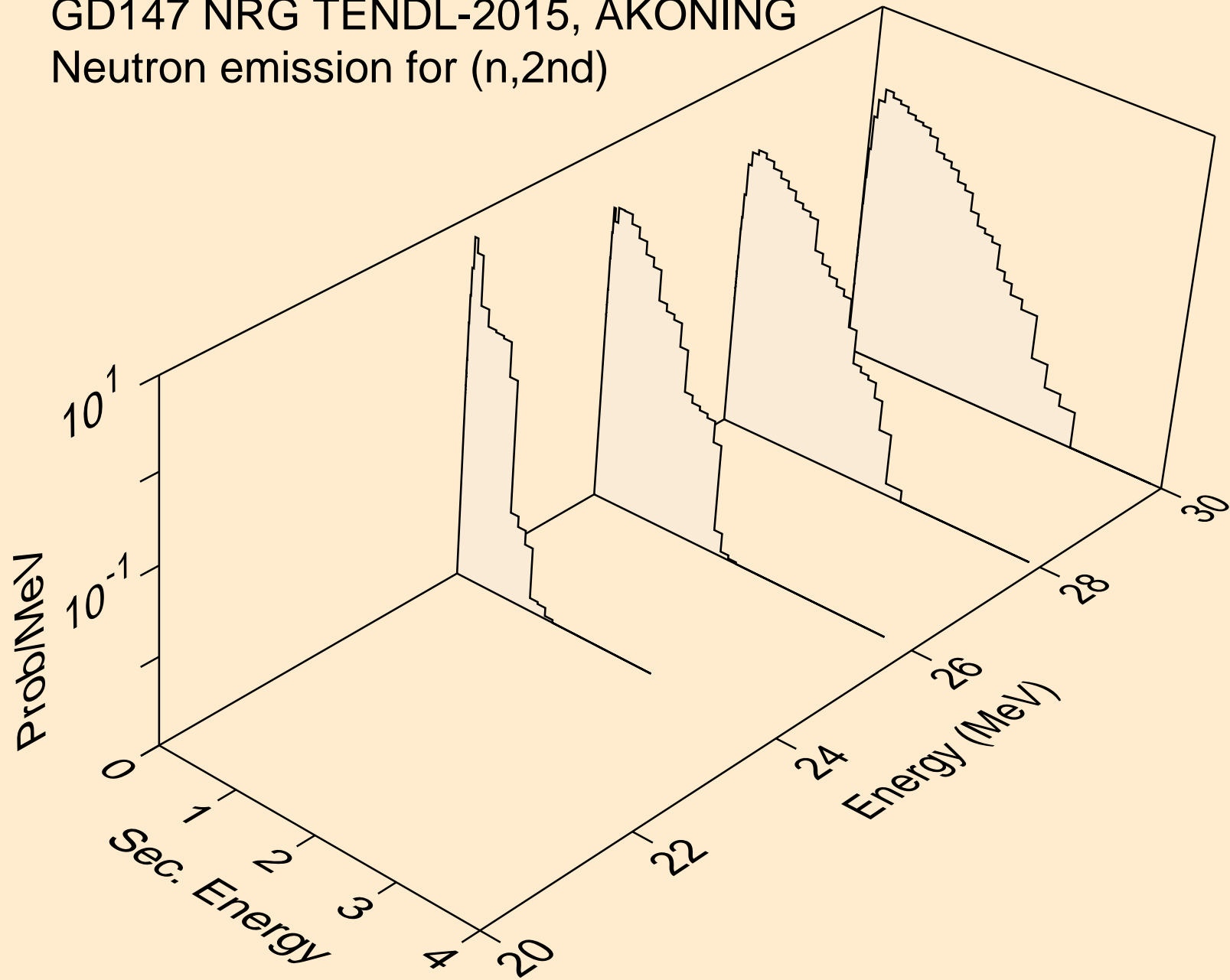


GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

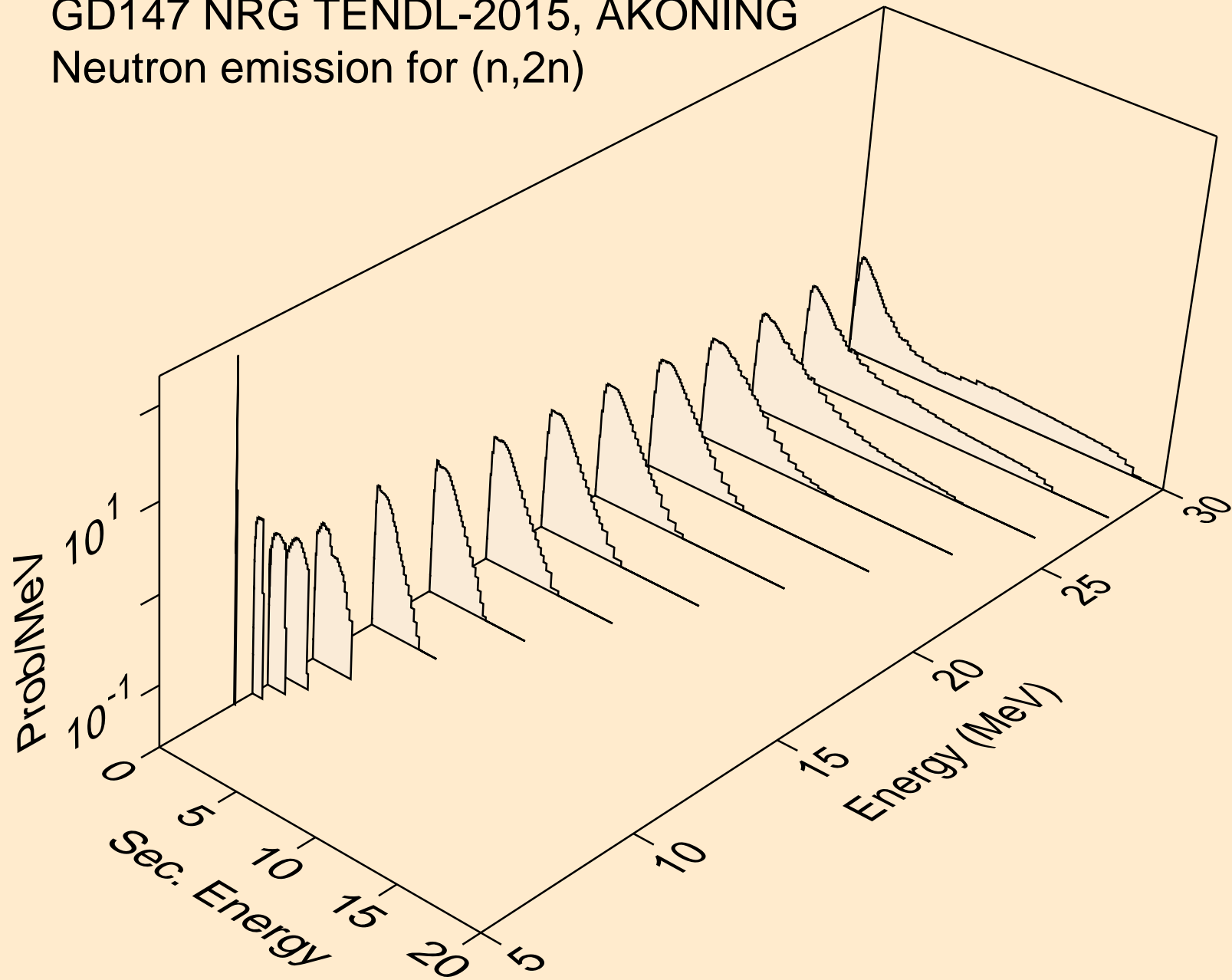




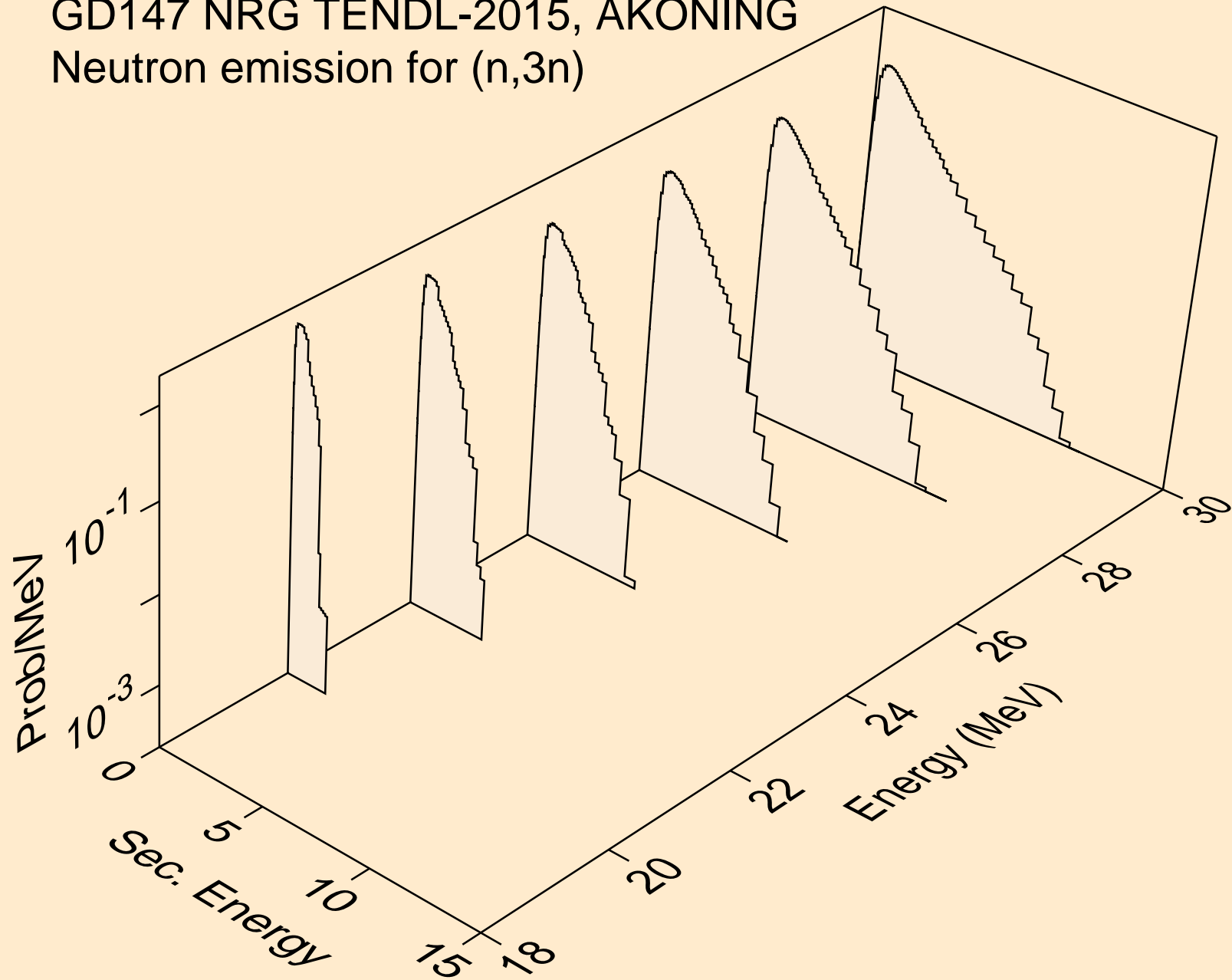
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



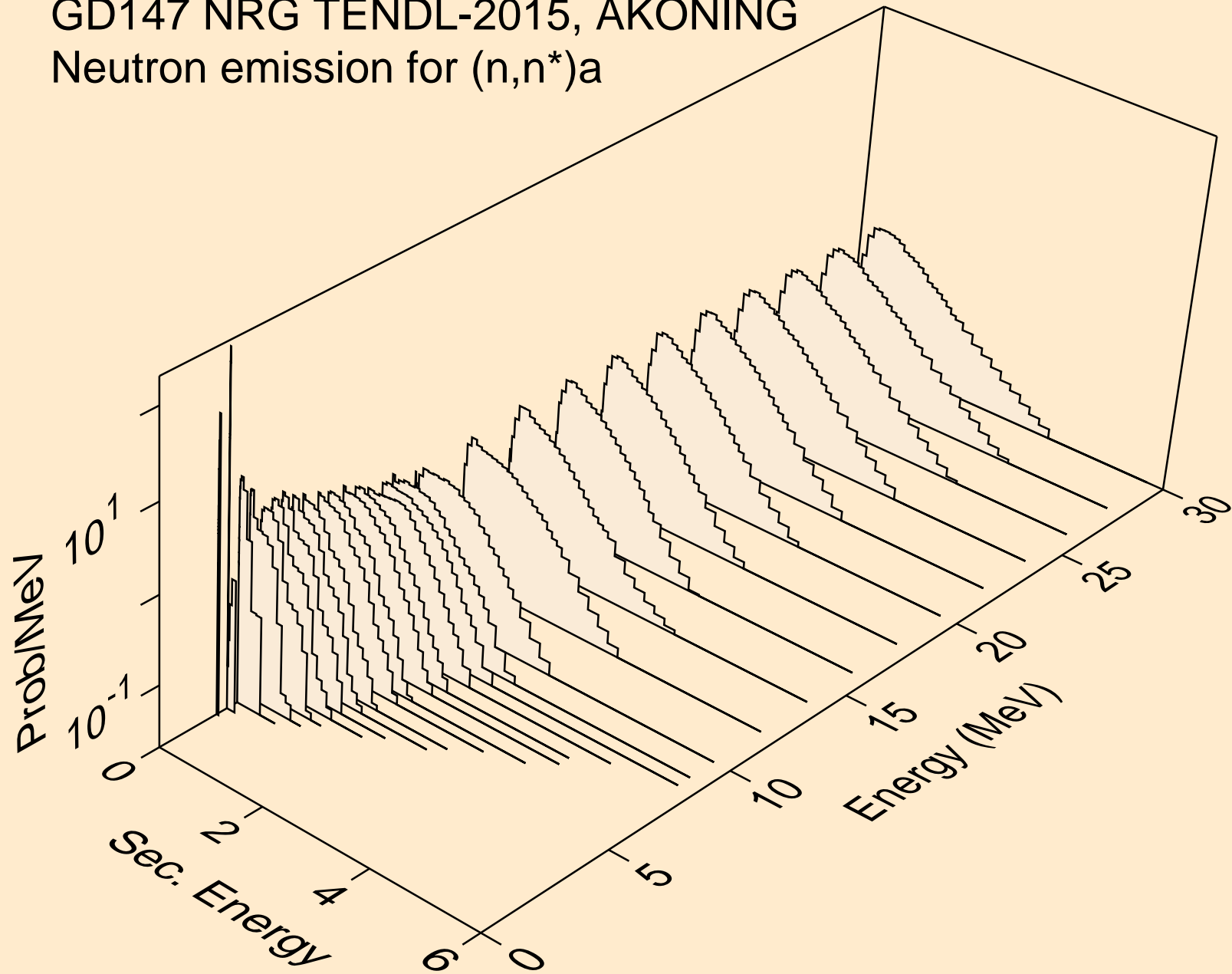
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



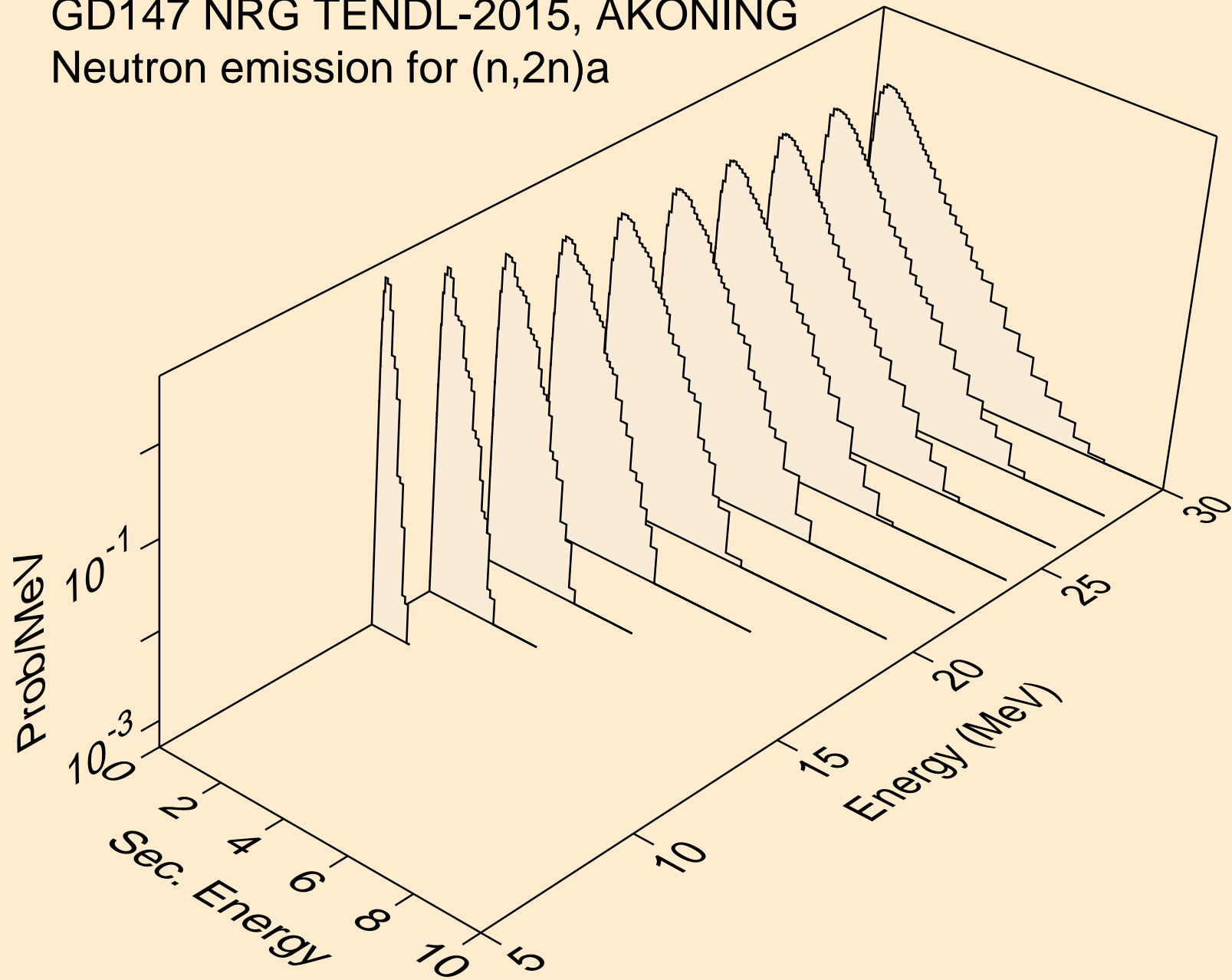
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



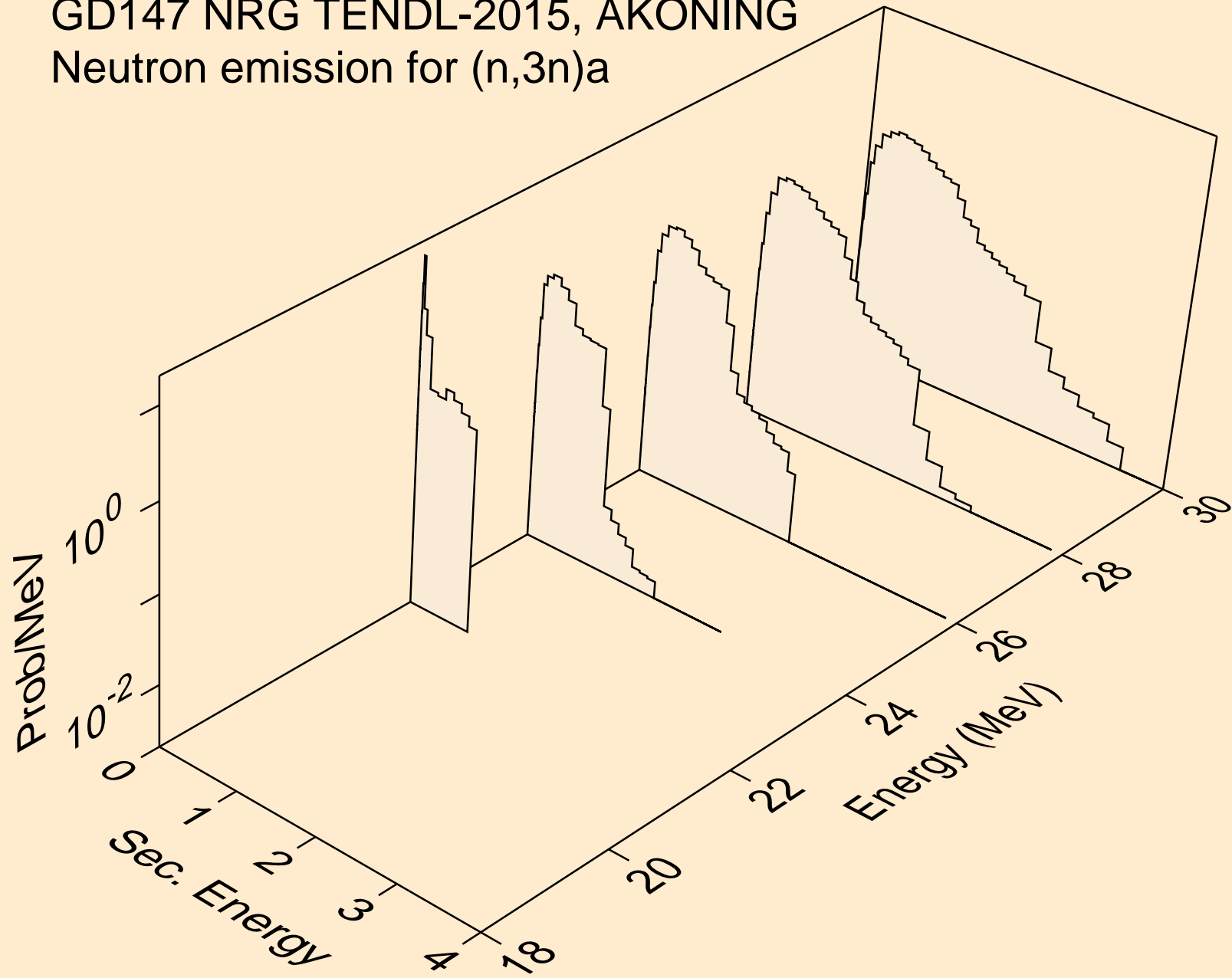
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



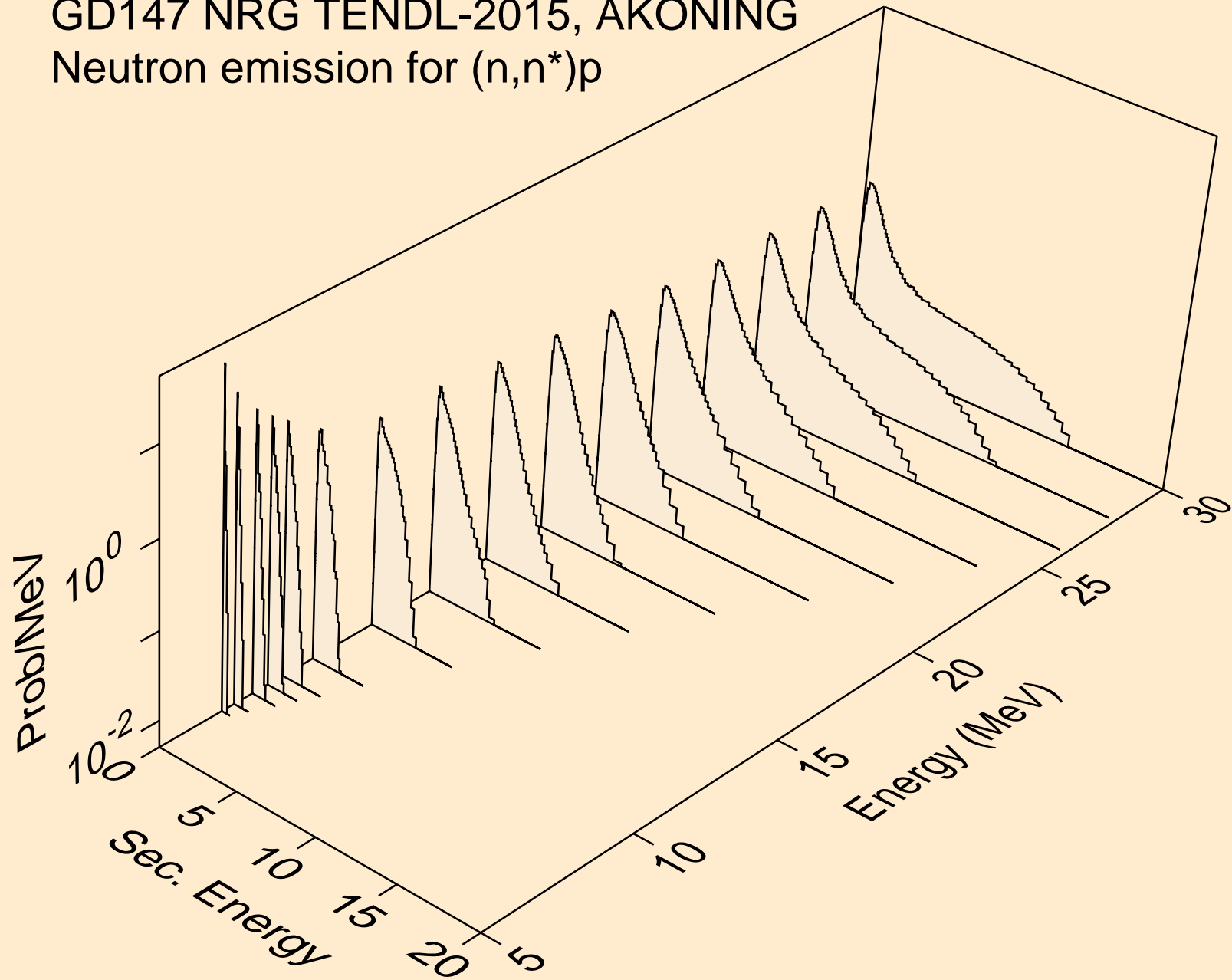
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



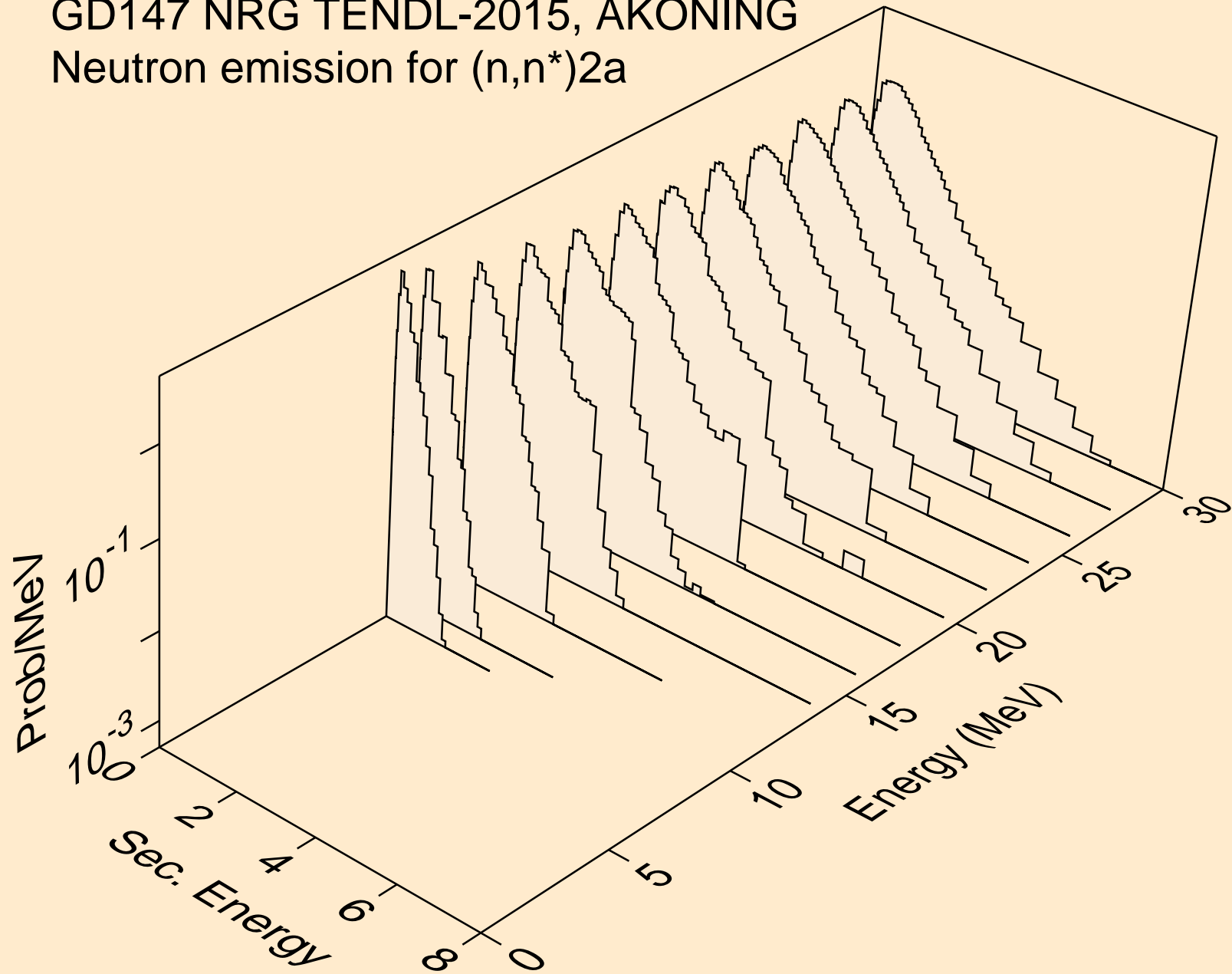
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

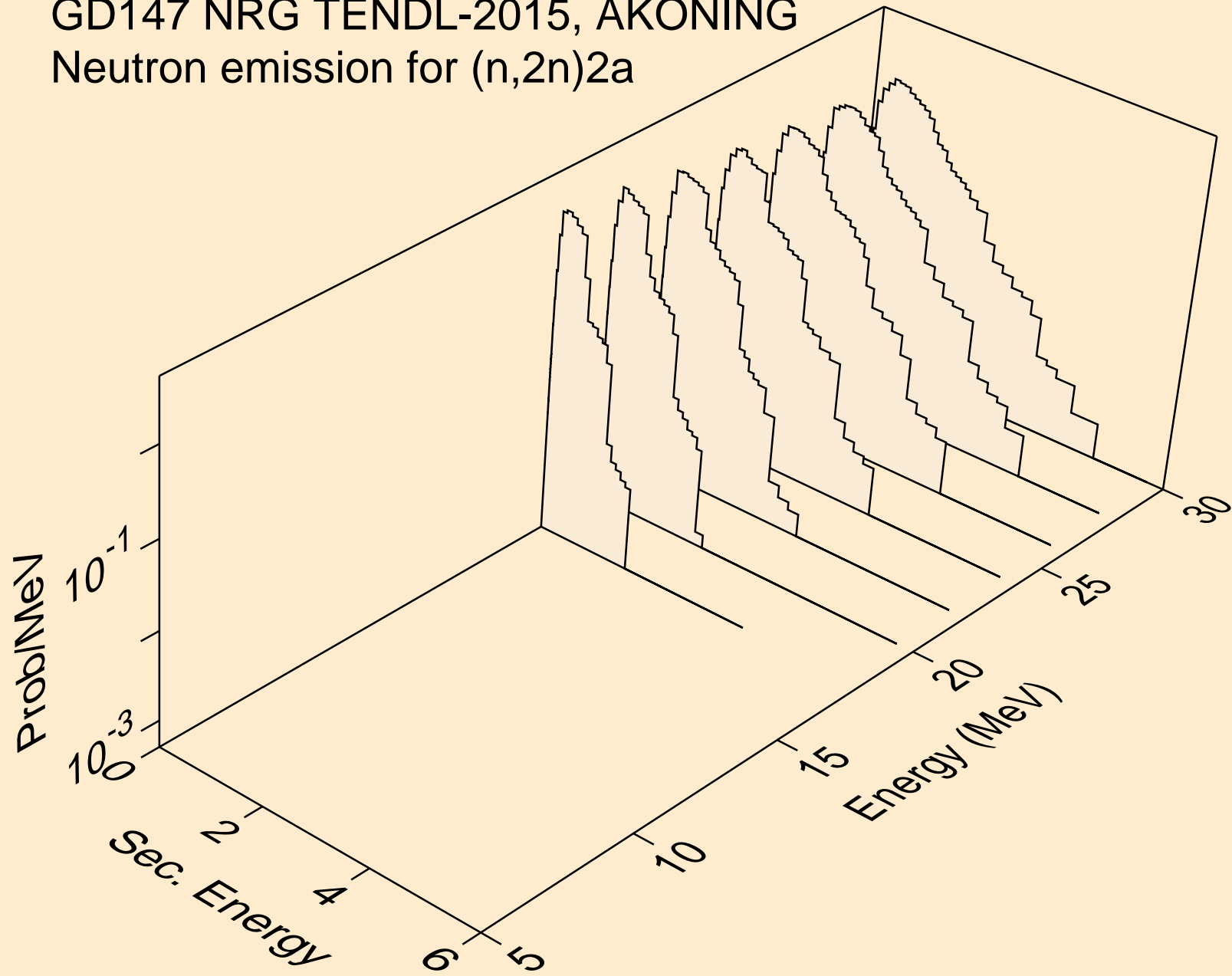


GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

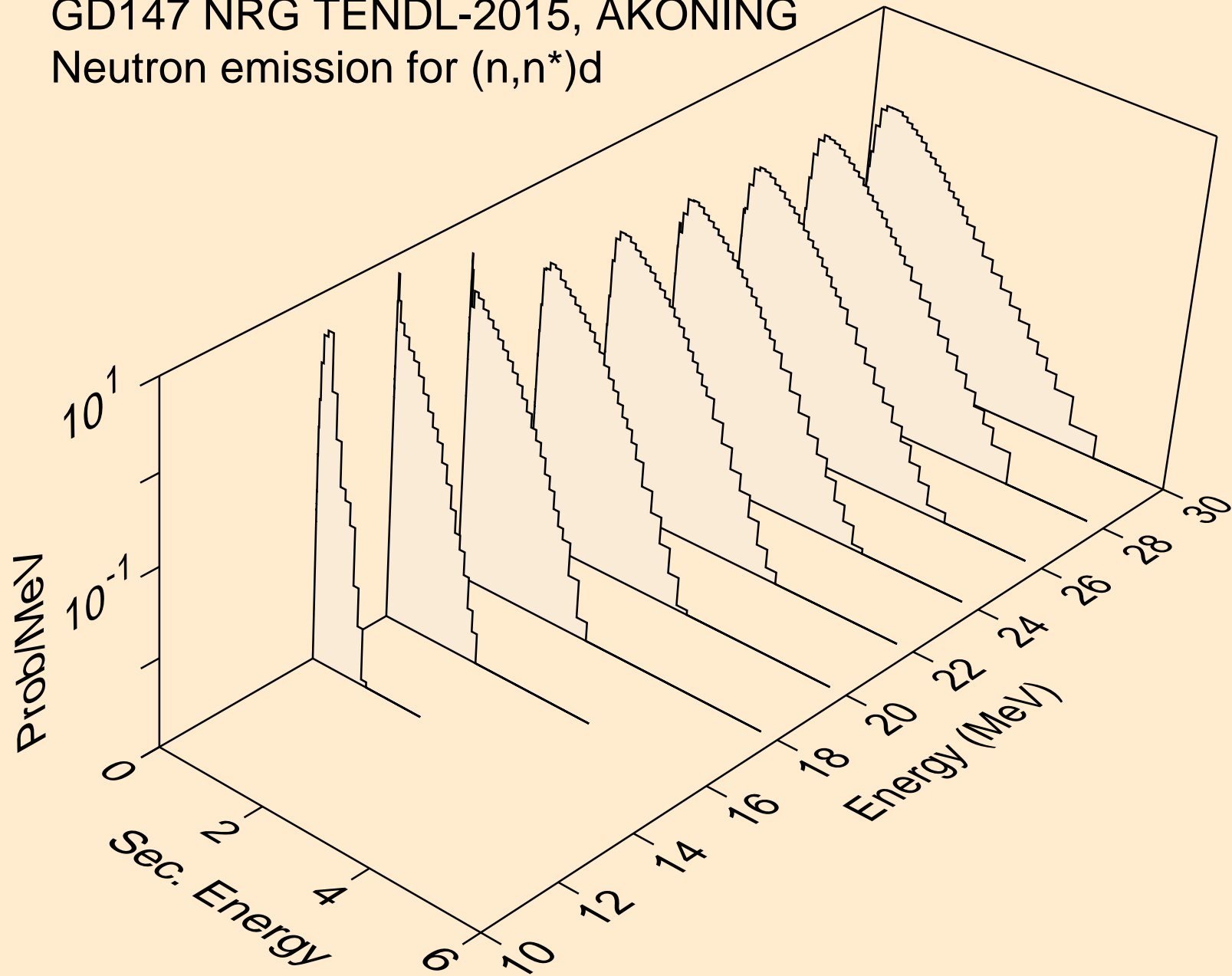




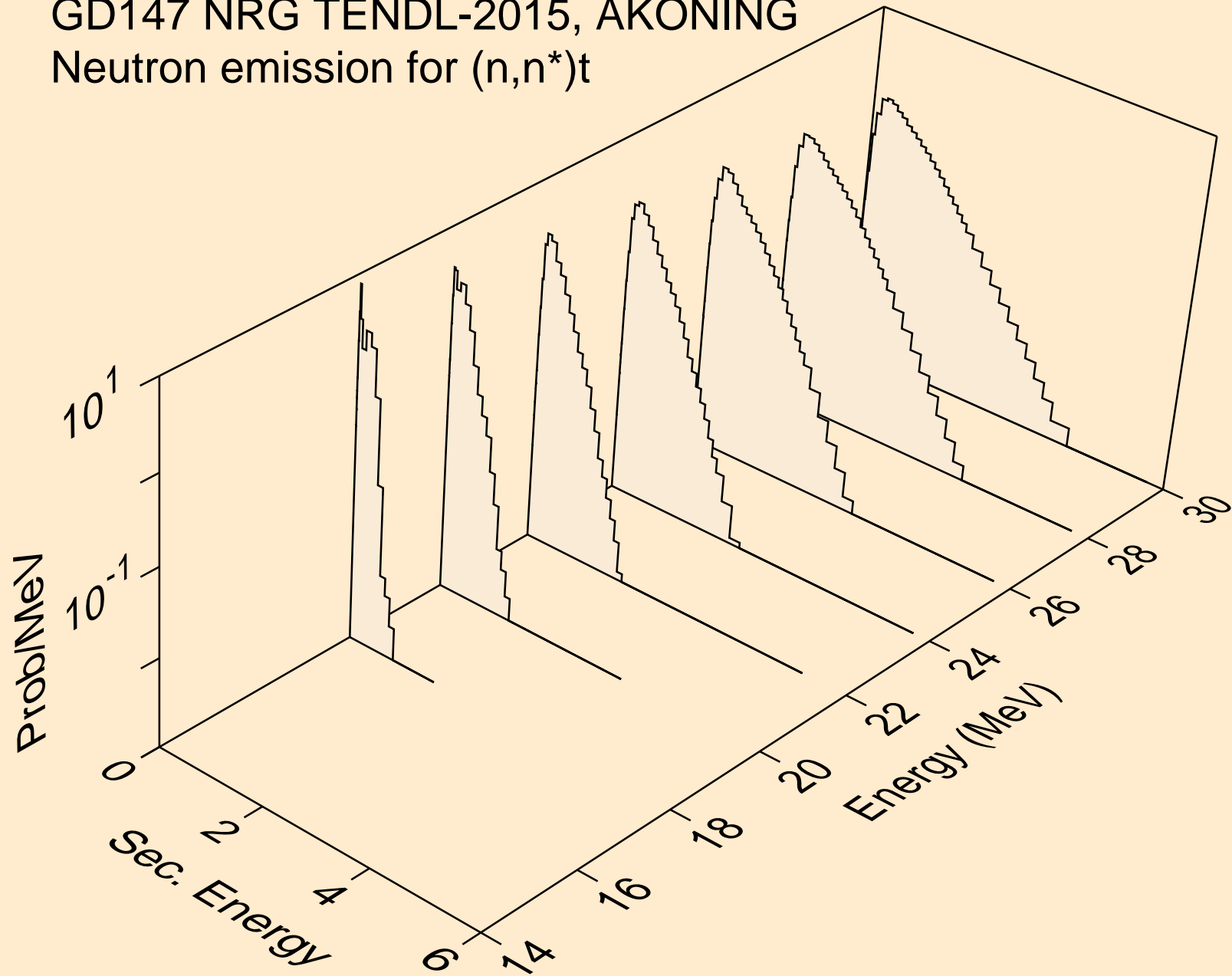
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



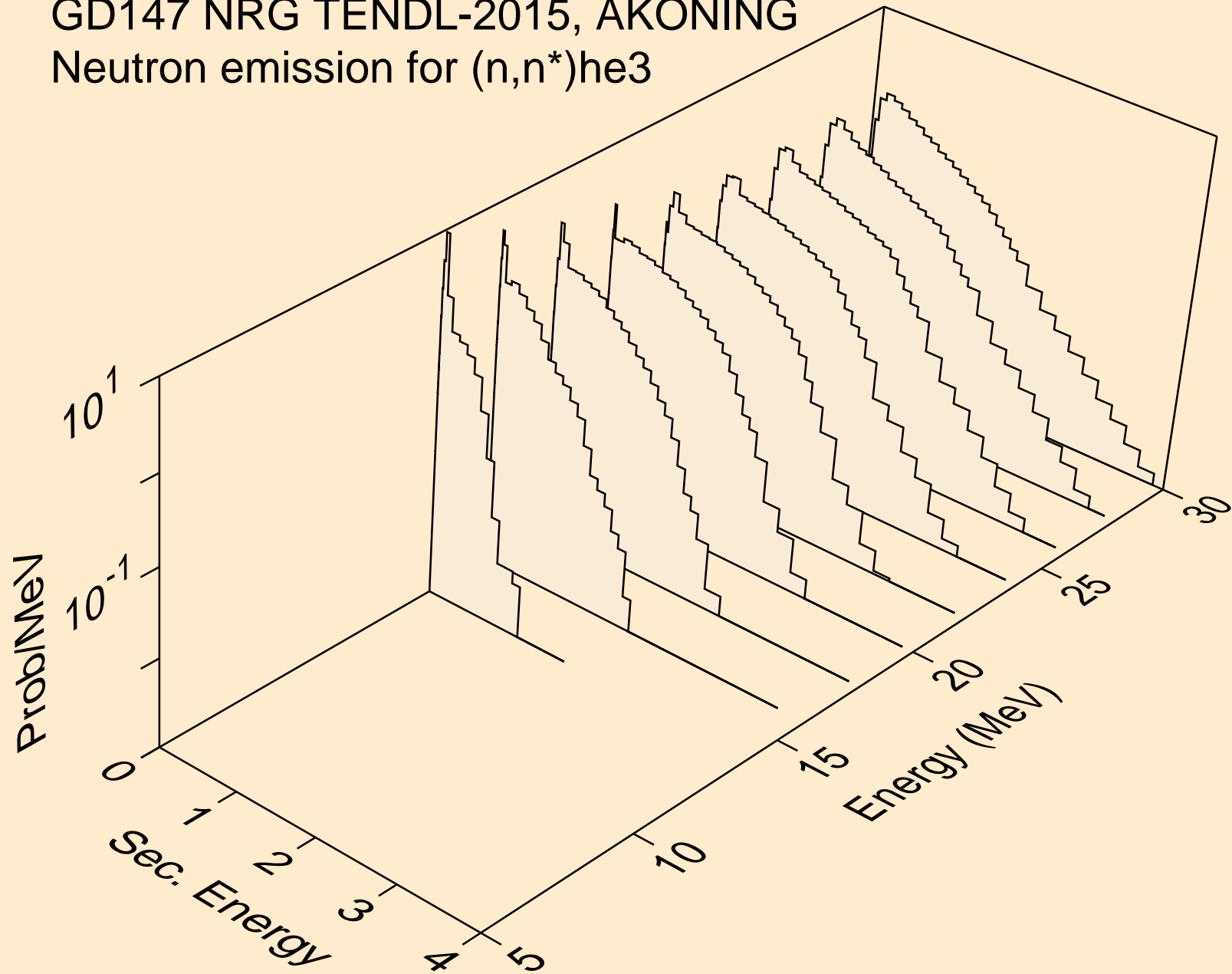
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



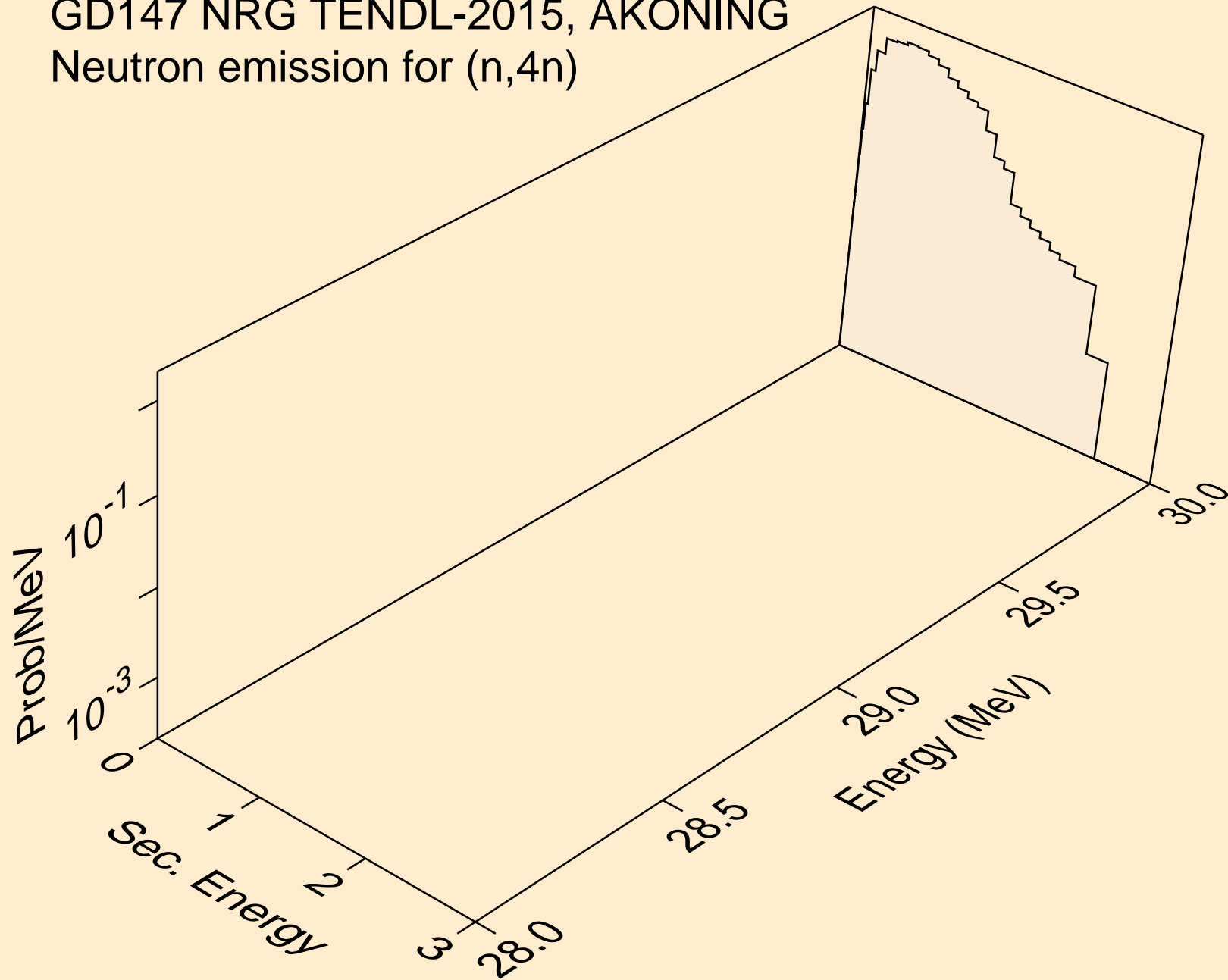
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



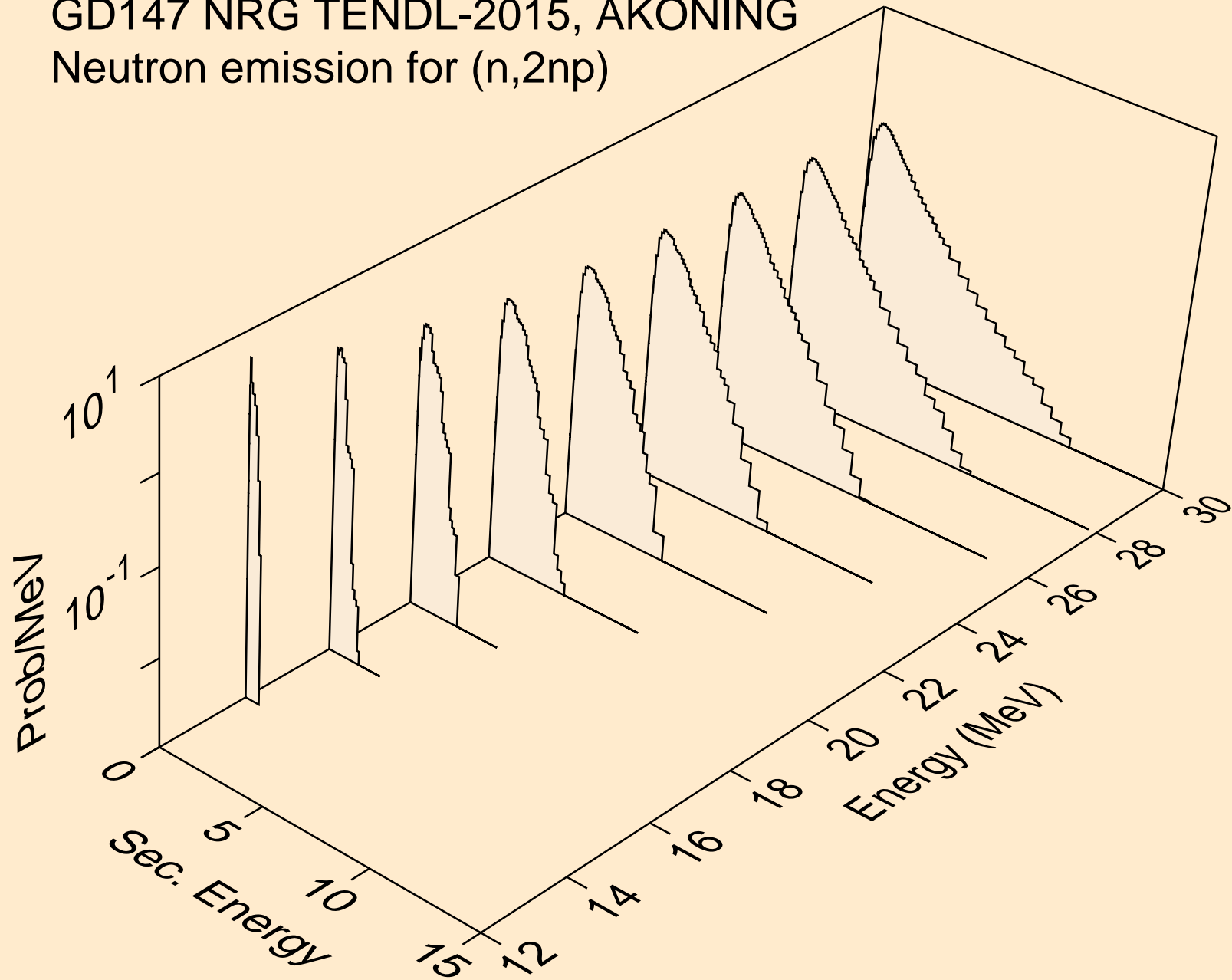
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



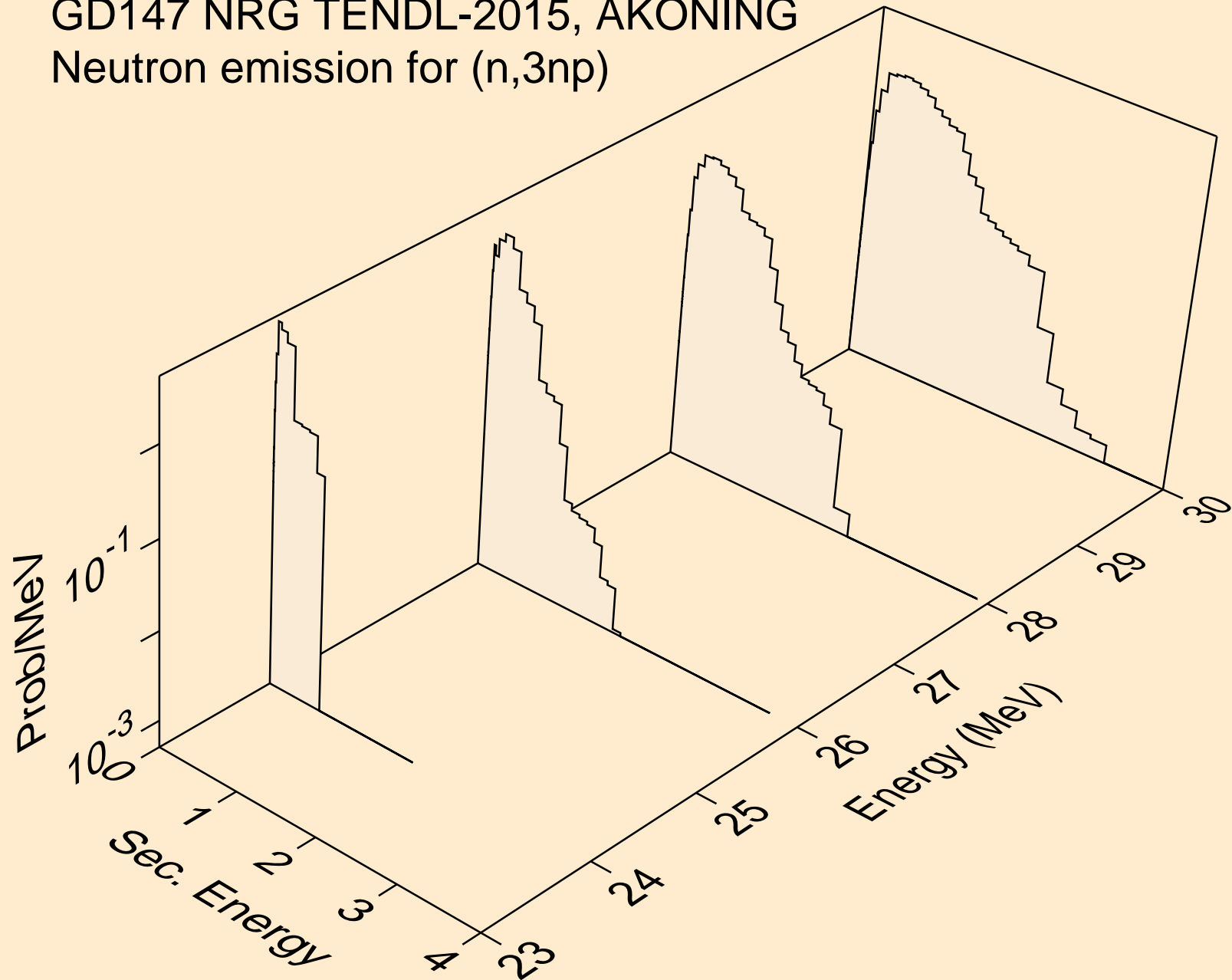
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



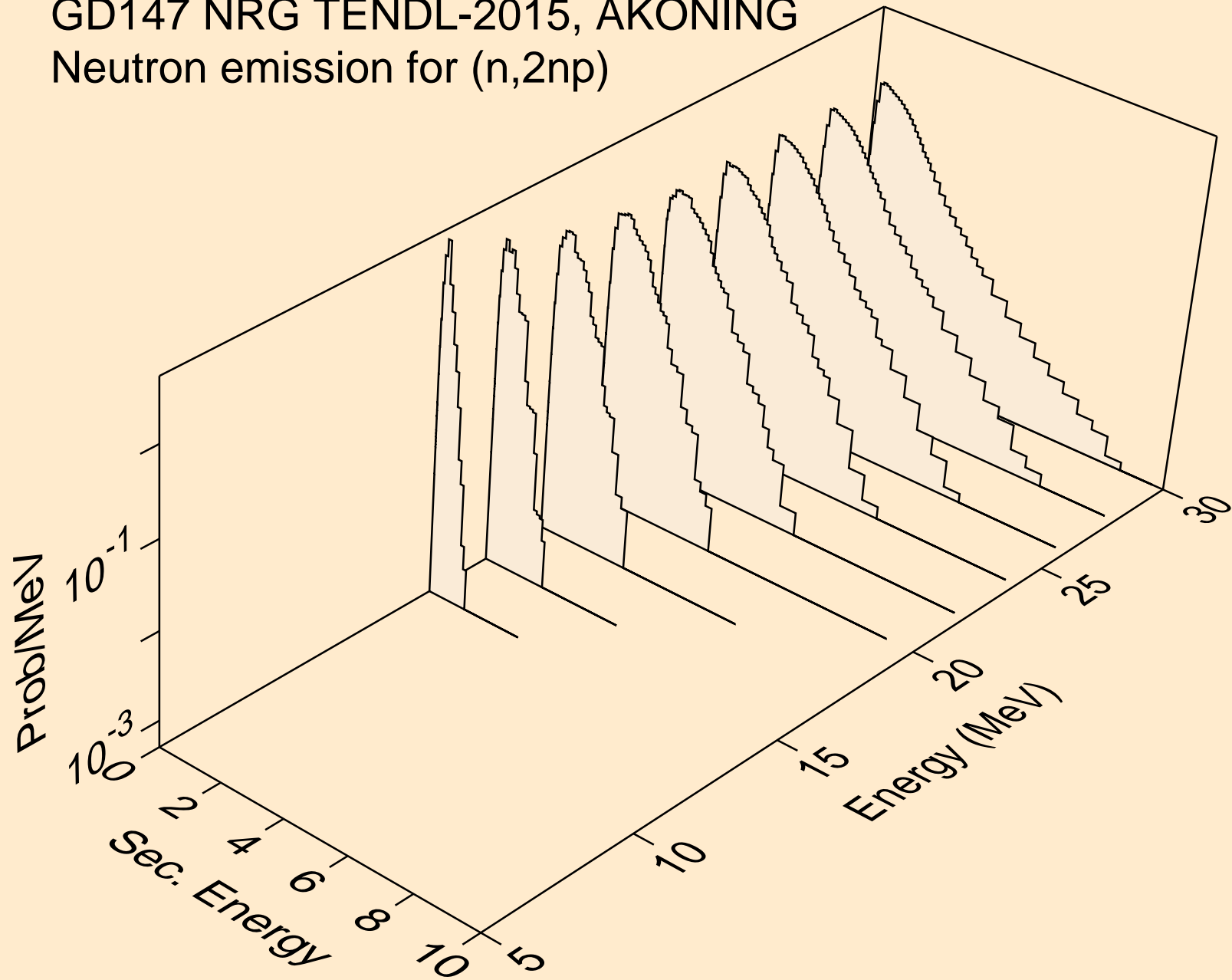
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

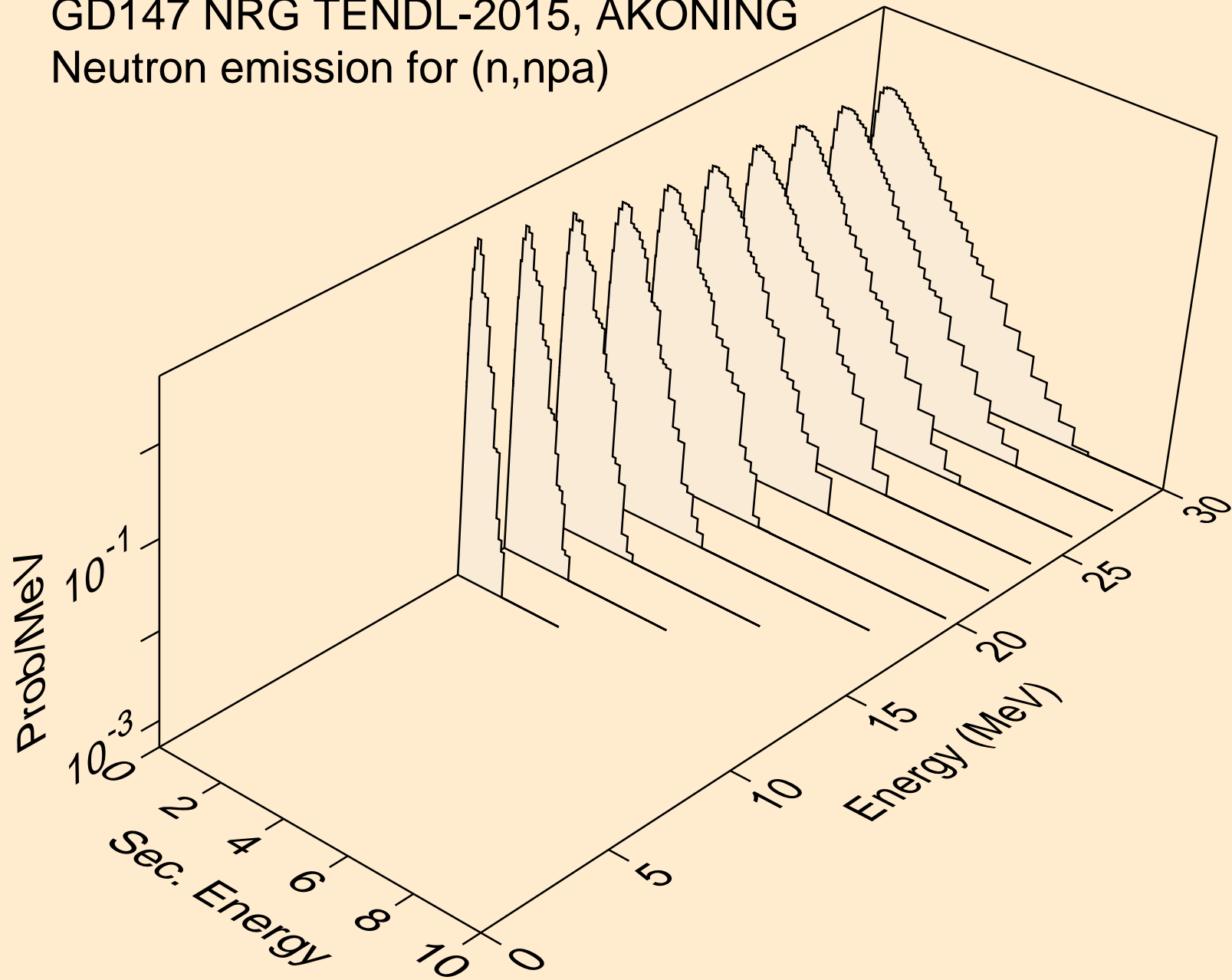


GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

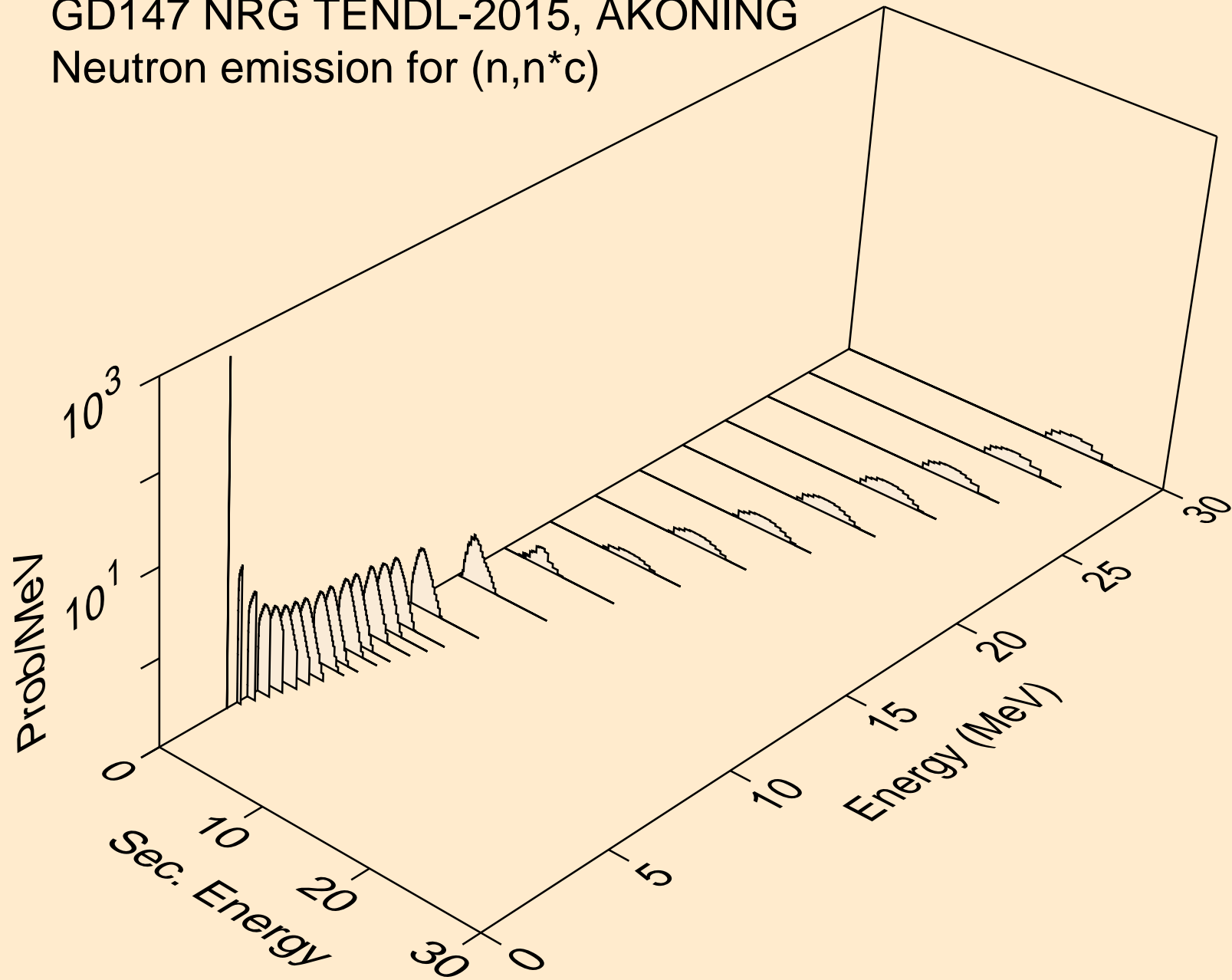




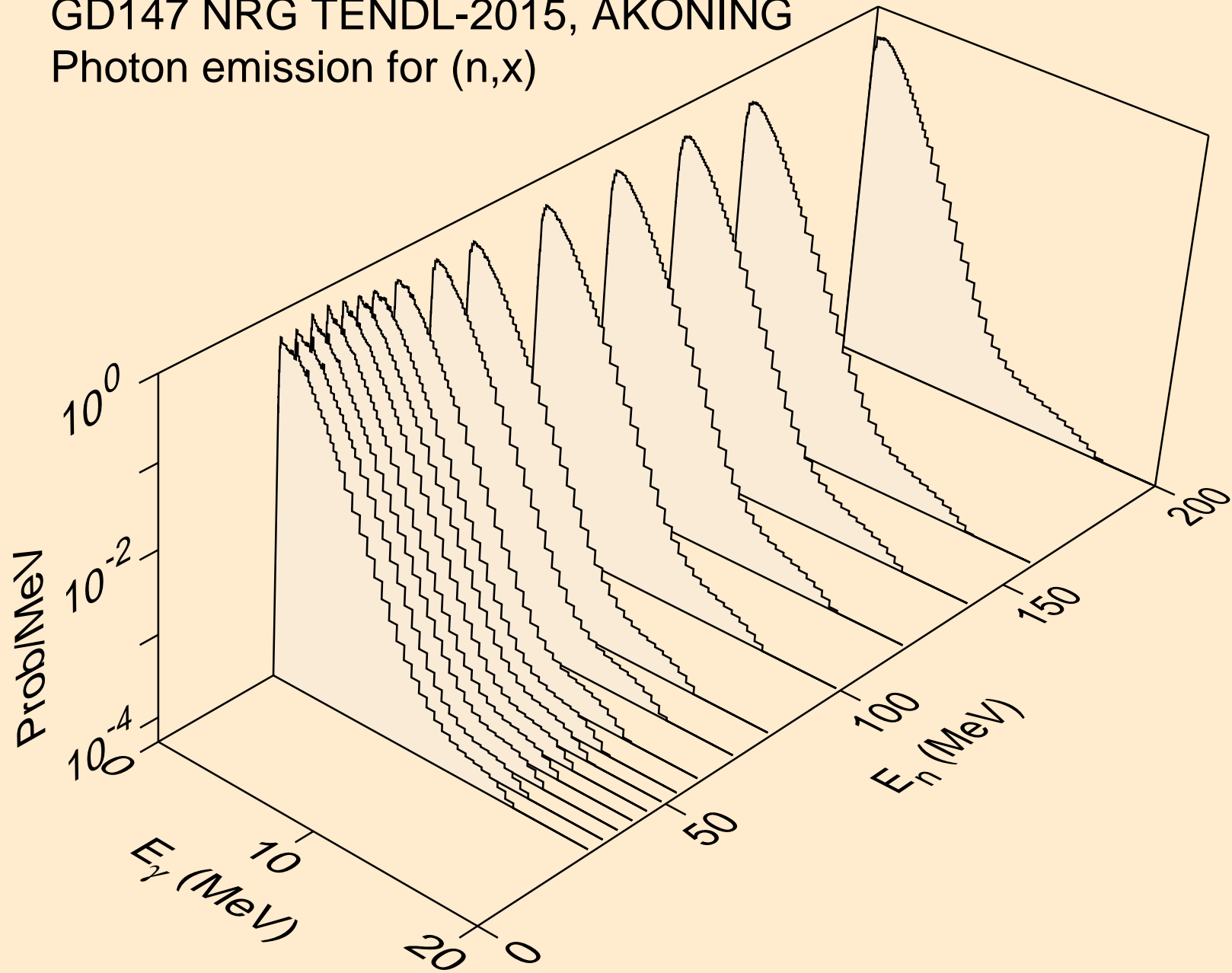
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



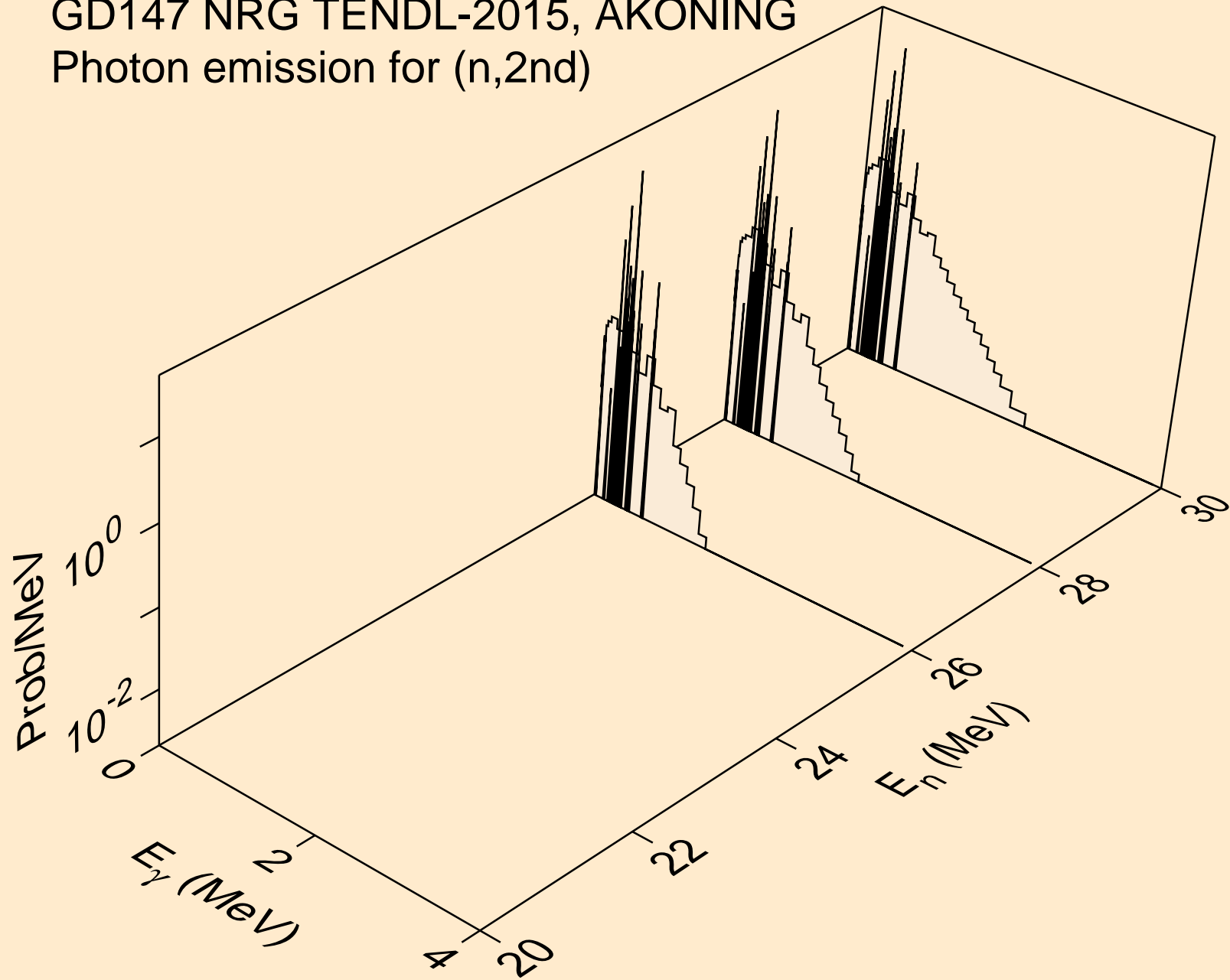
GD147 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



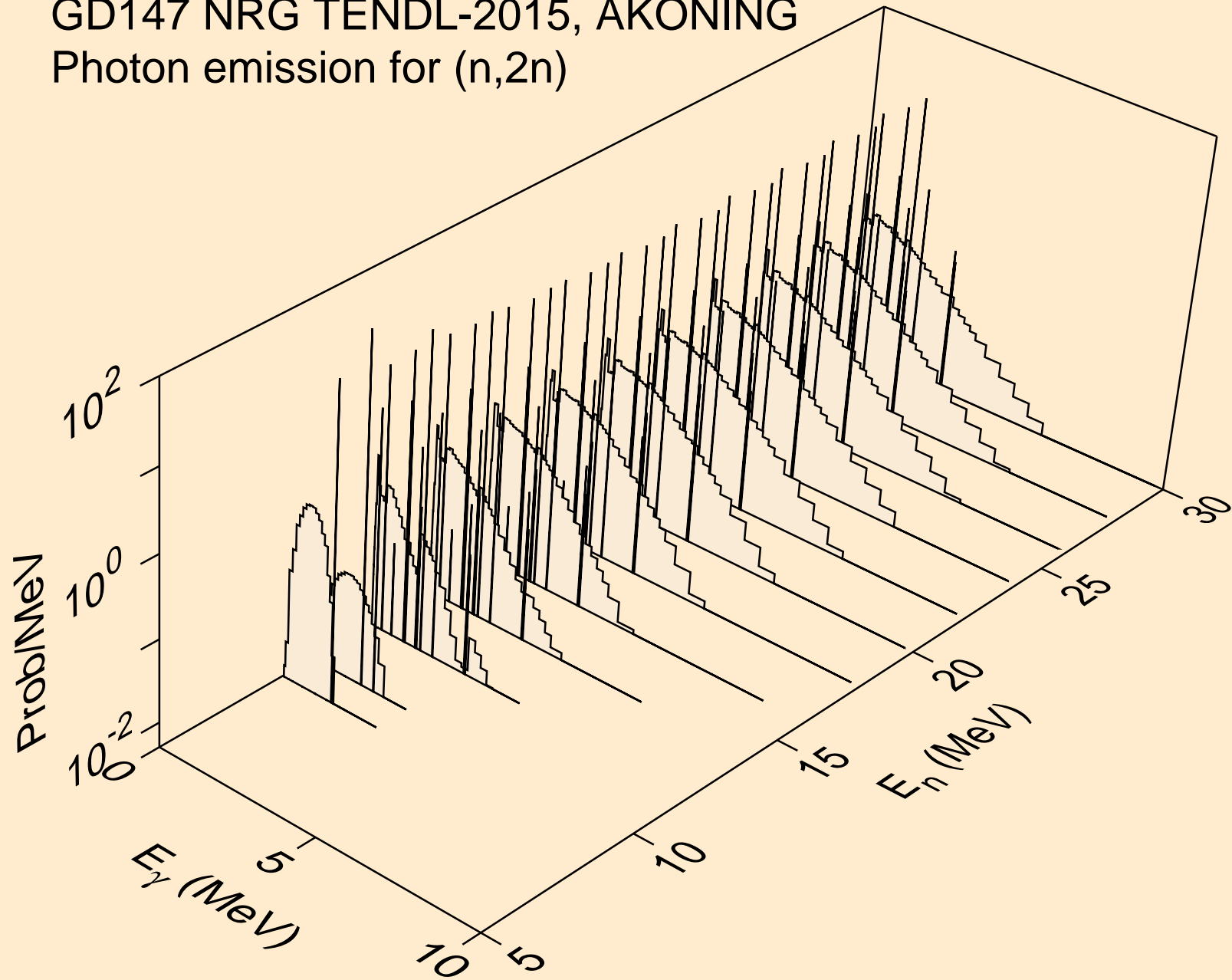
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



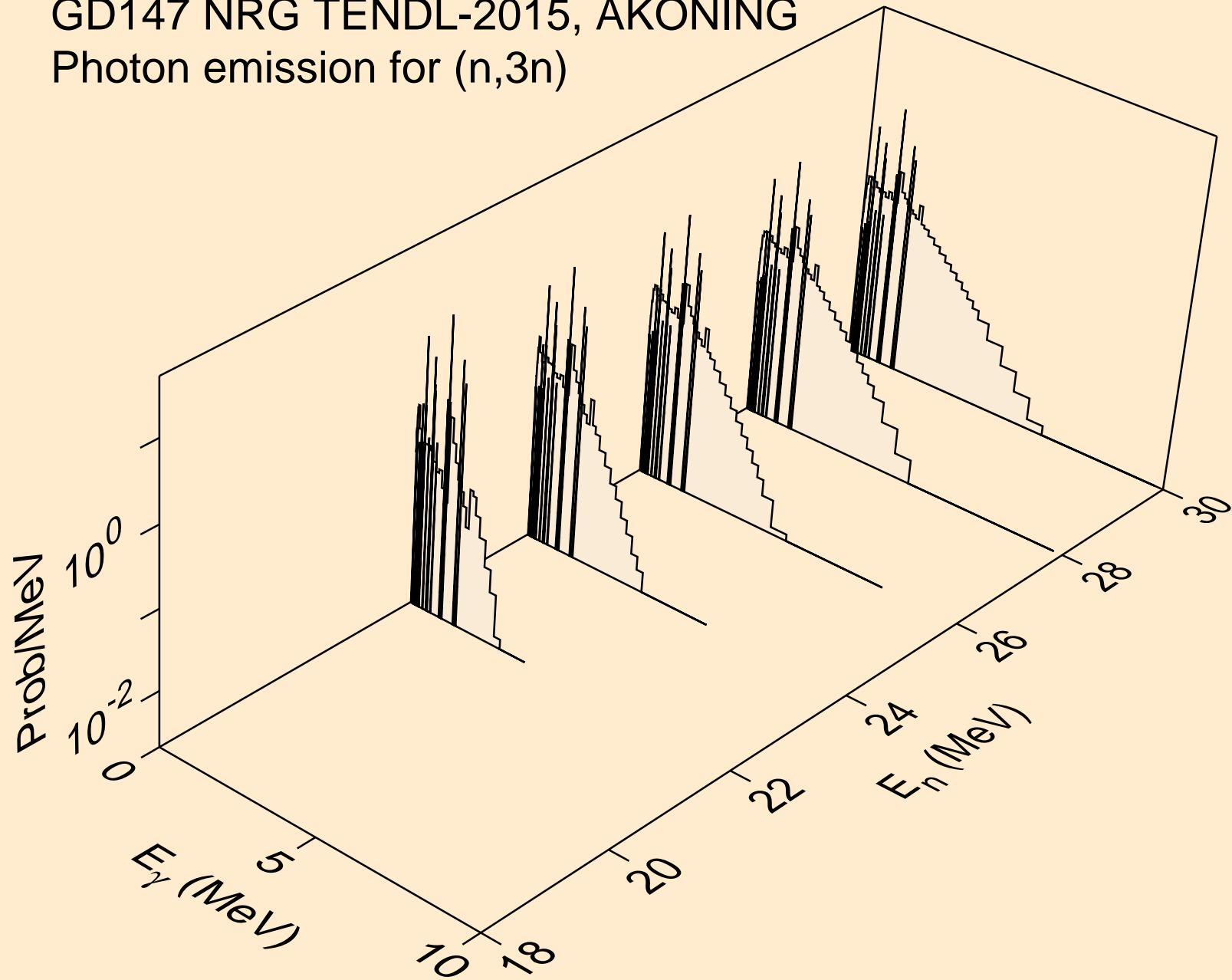
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



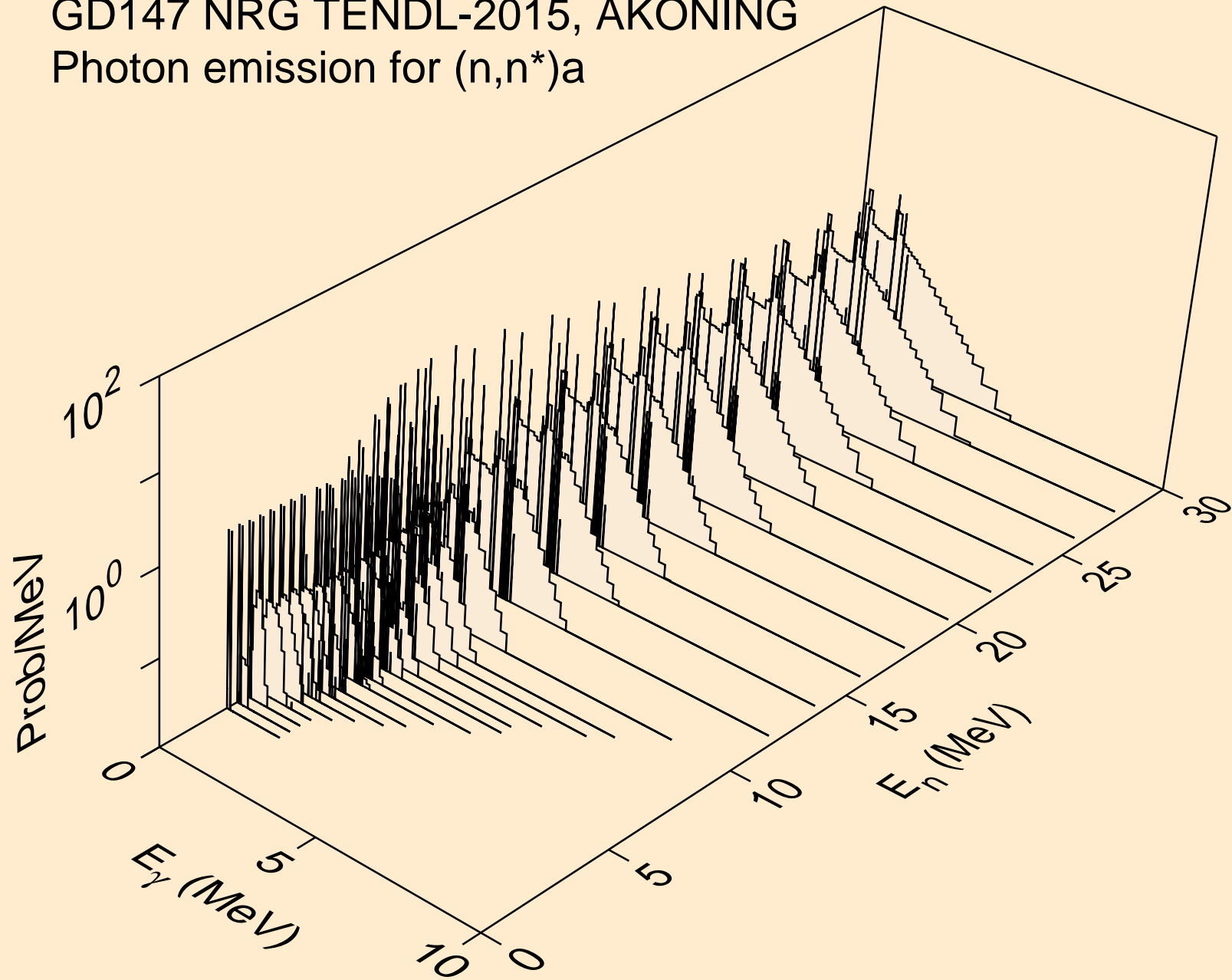
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



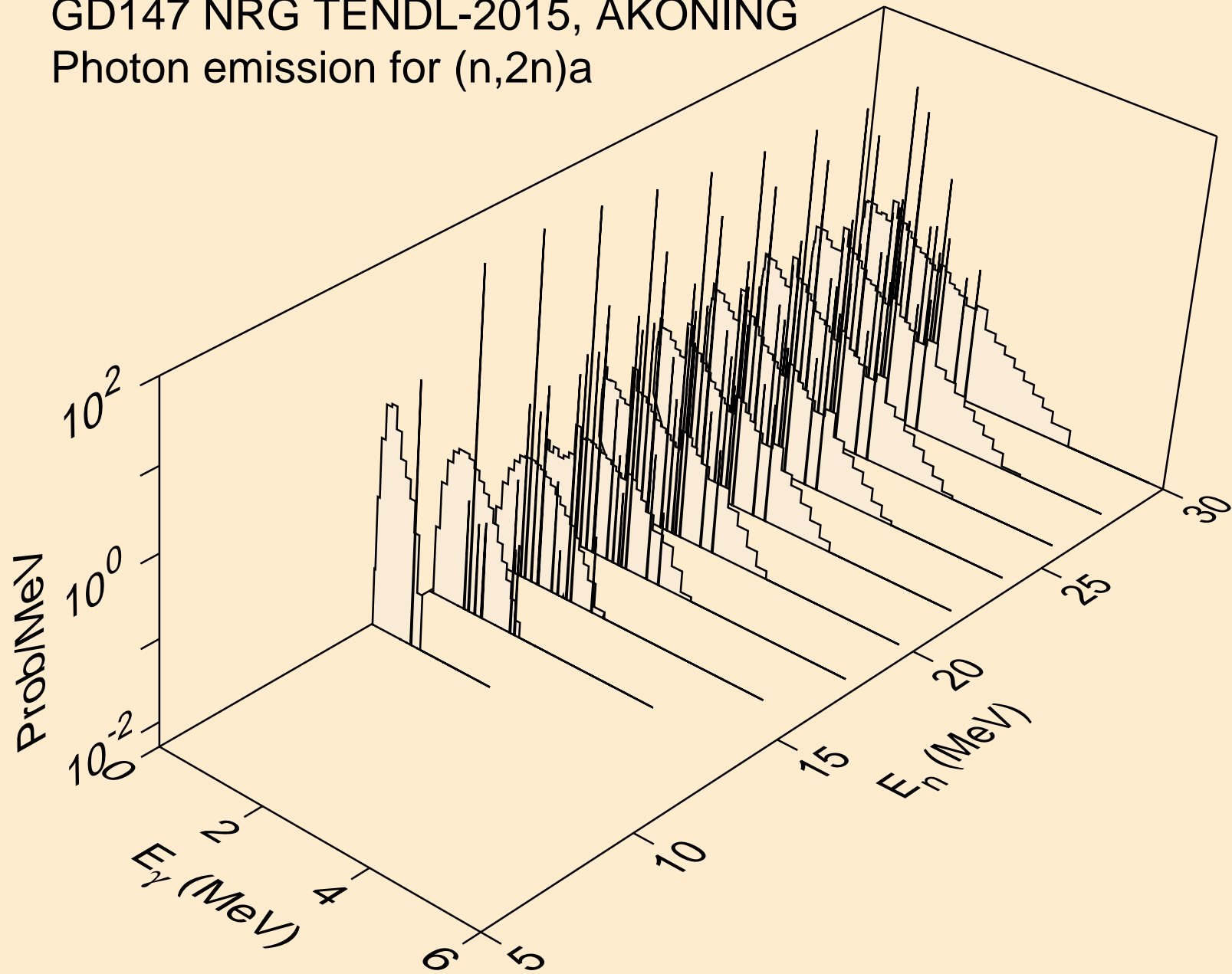
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

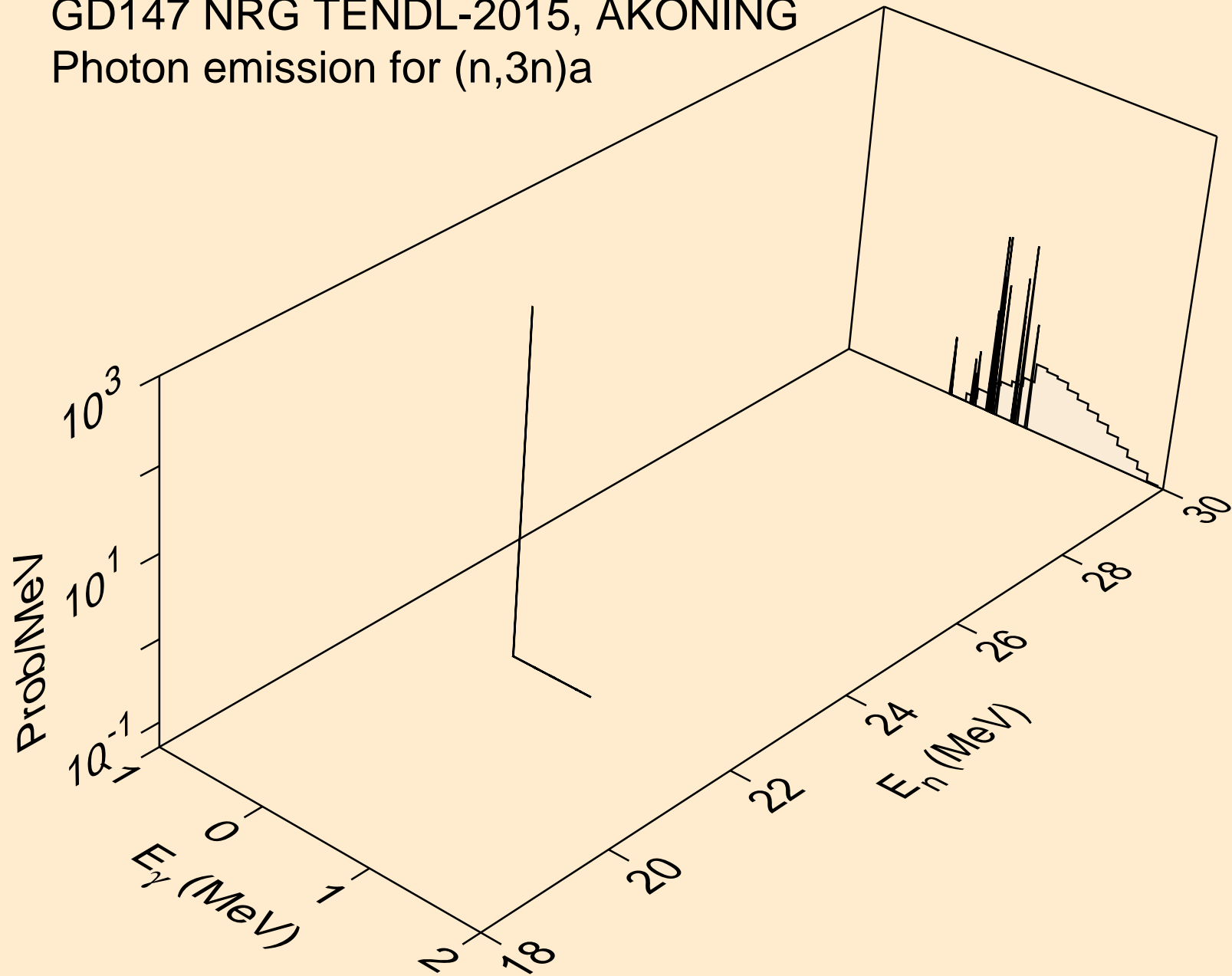


GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

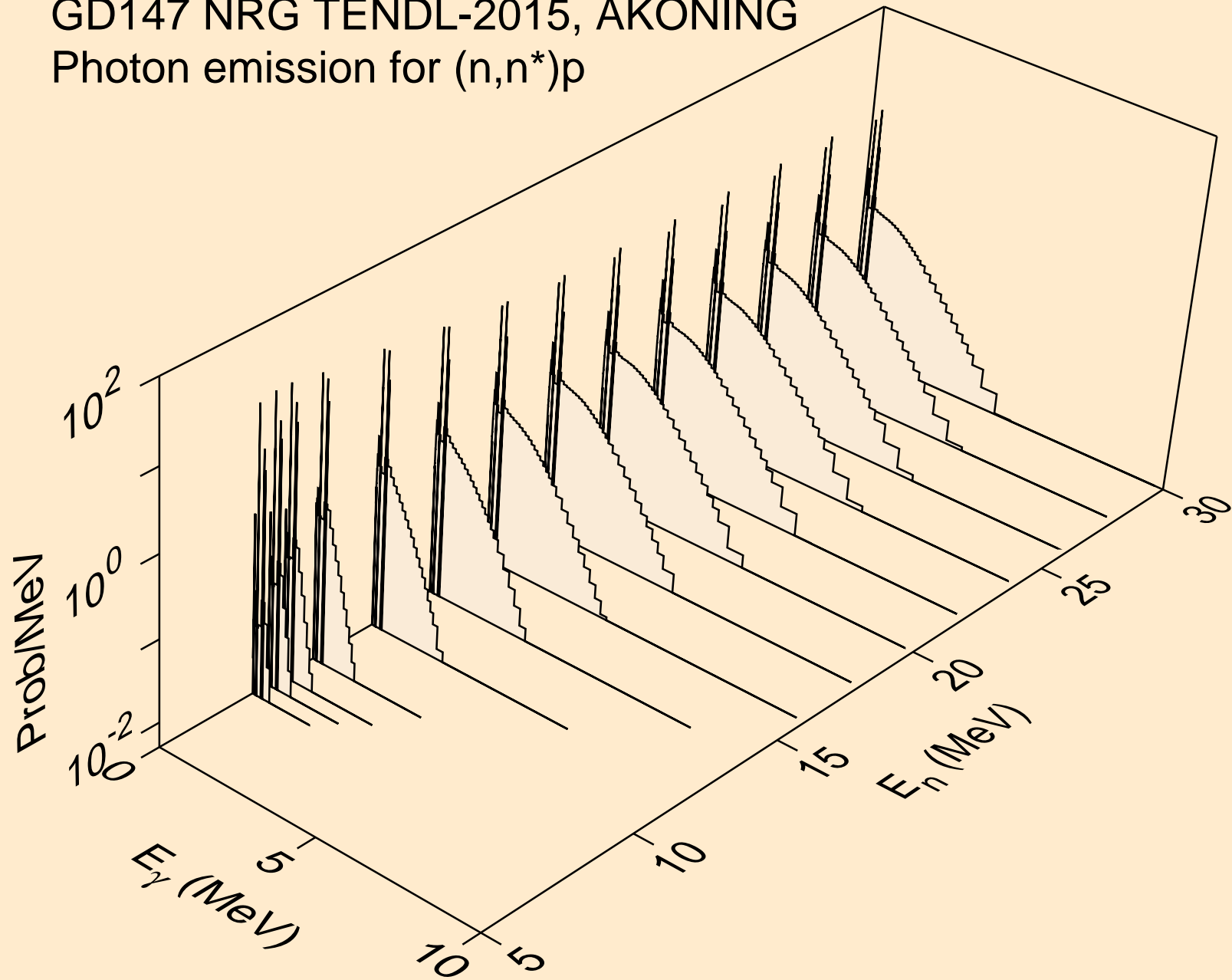




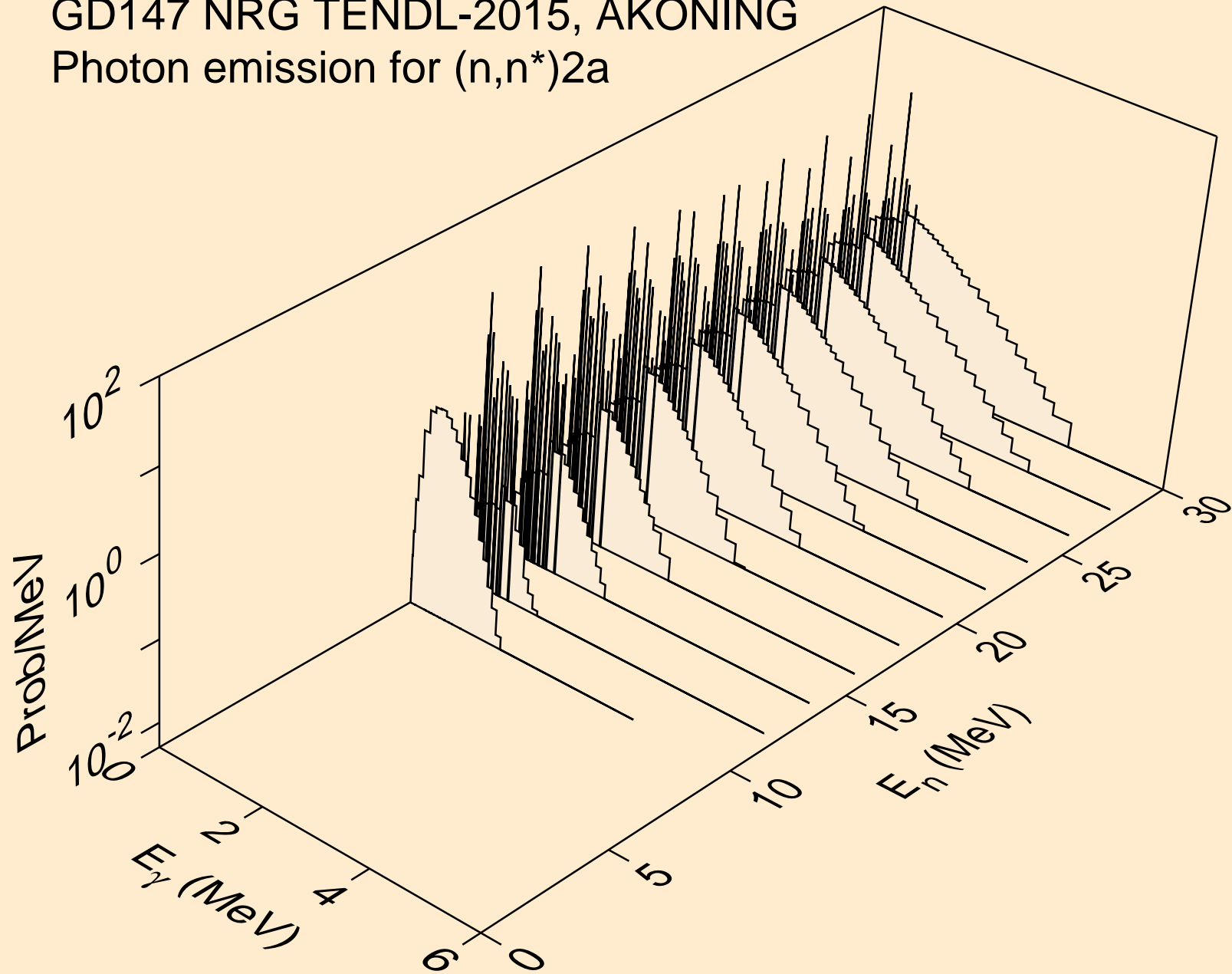
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



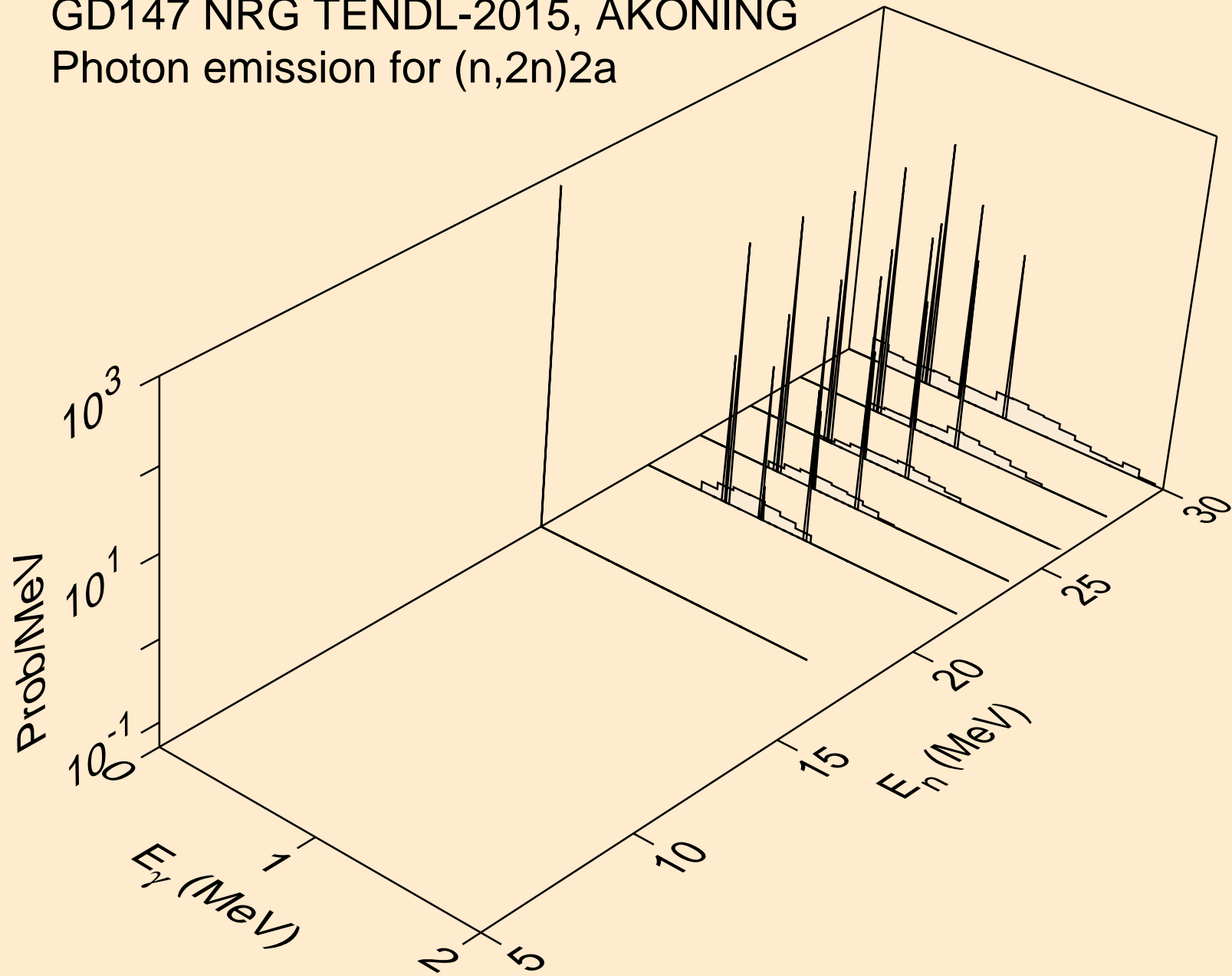
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



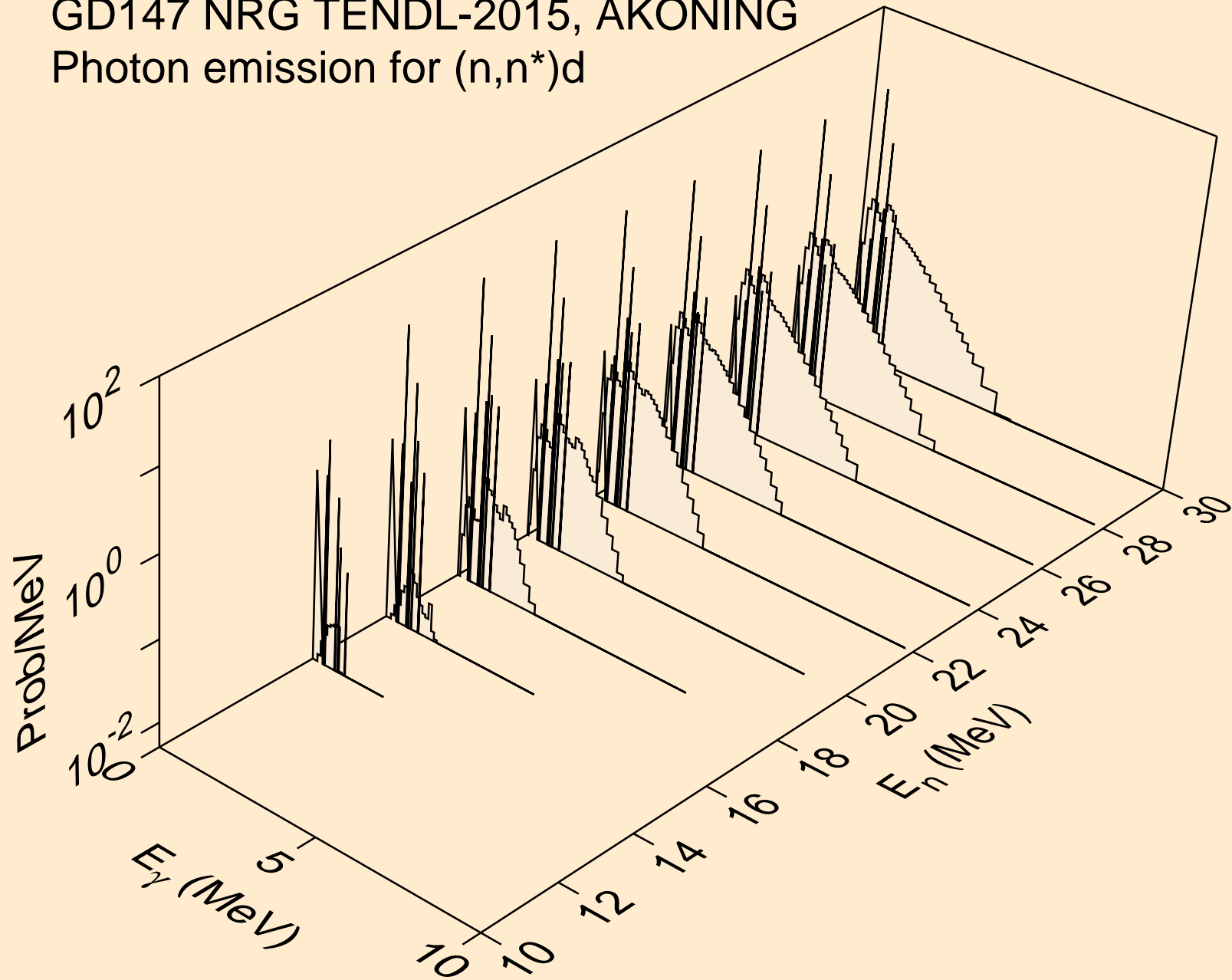
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



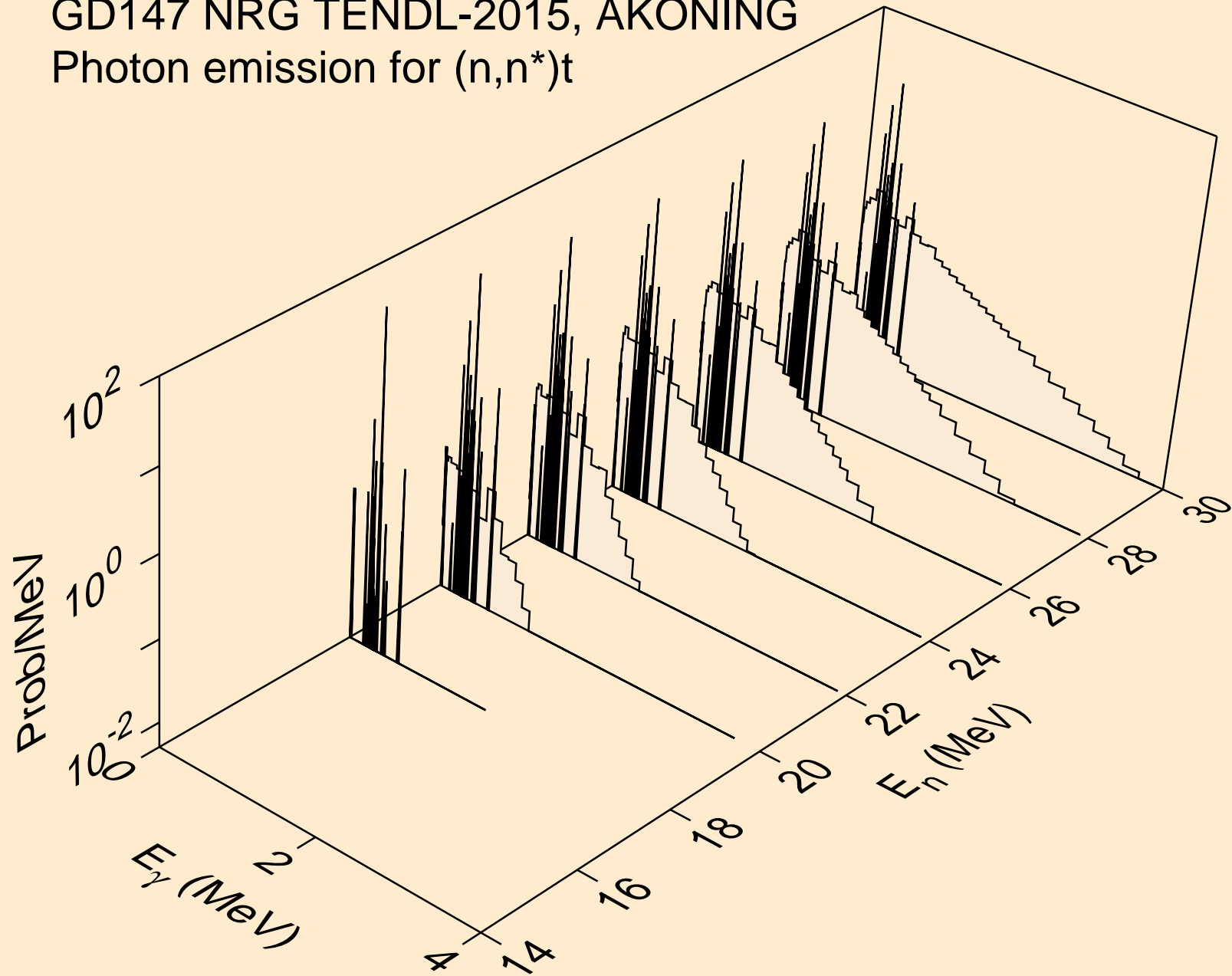
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



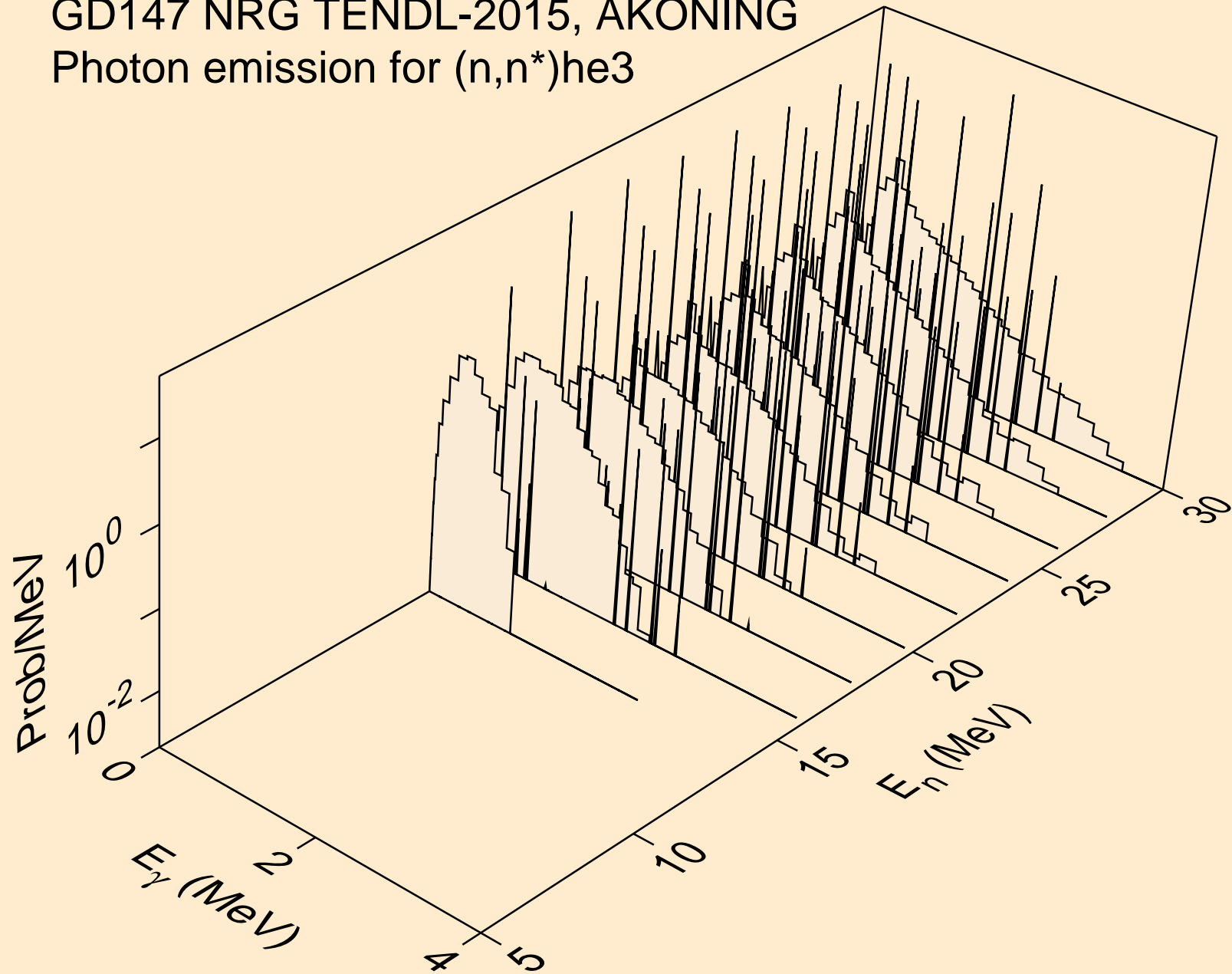
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



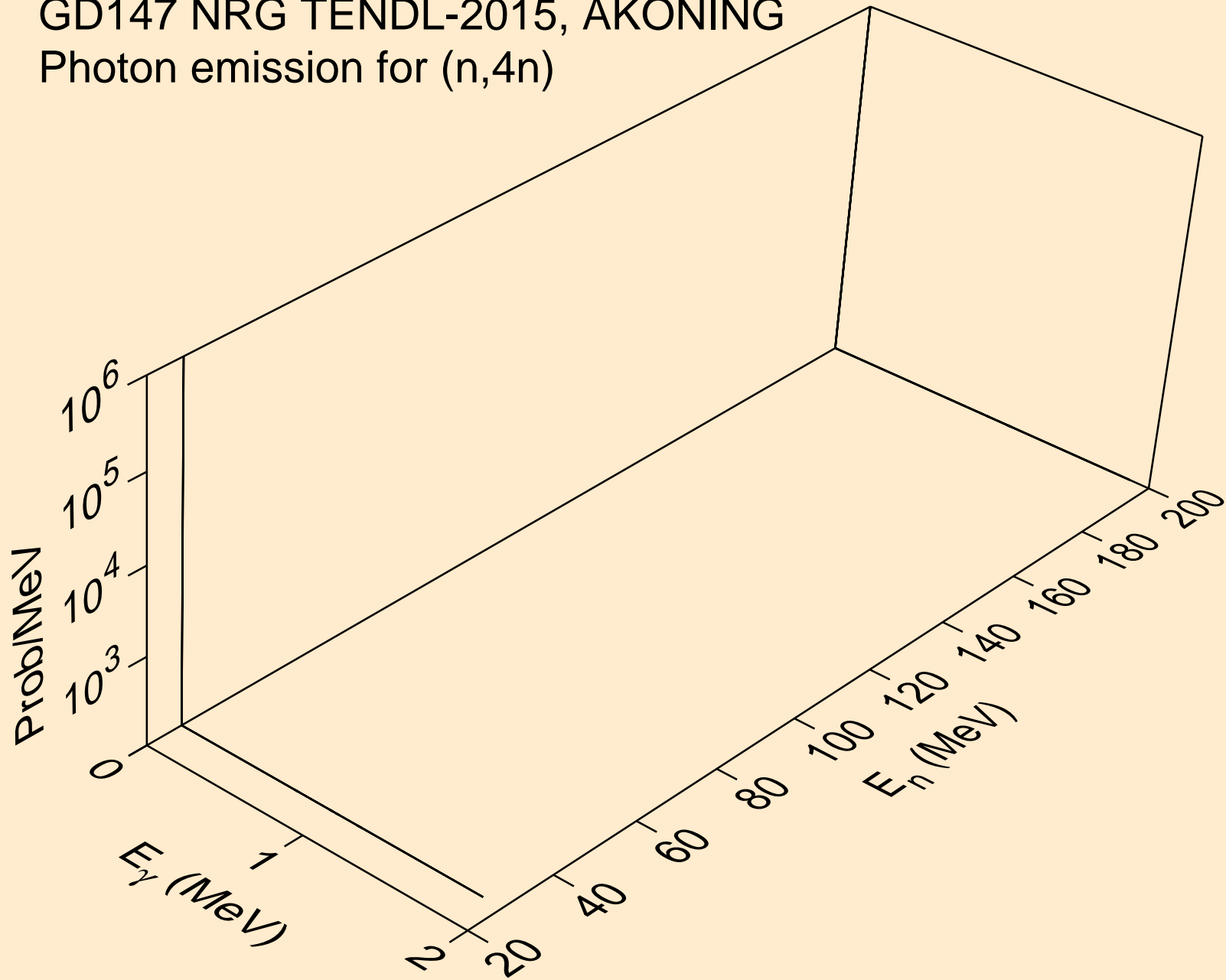
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

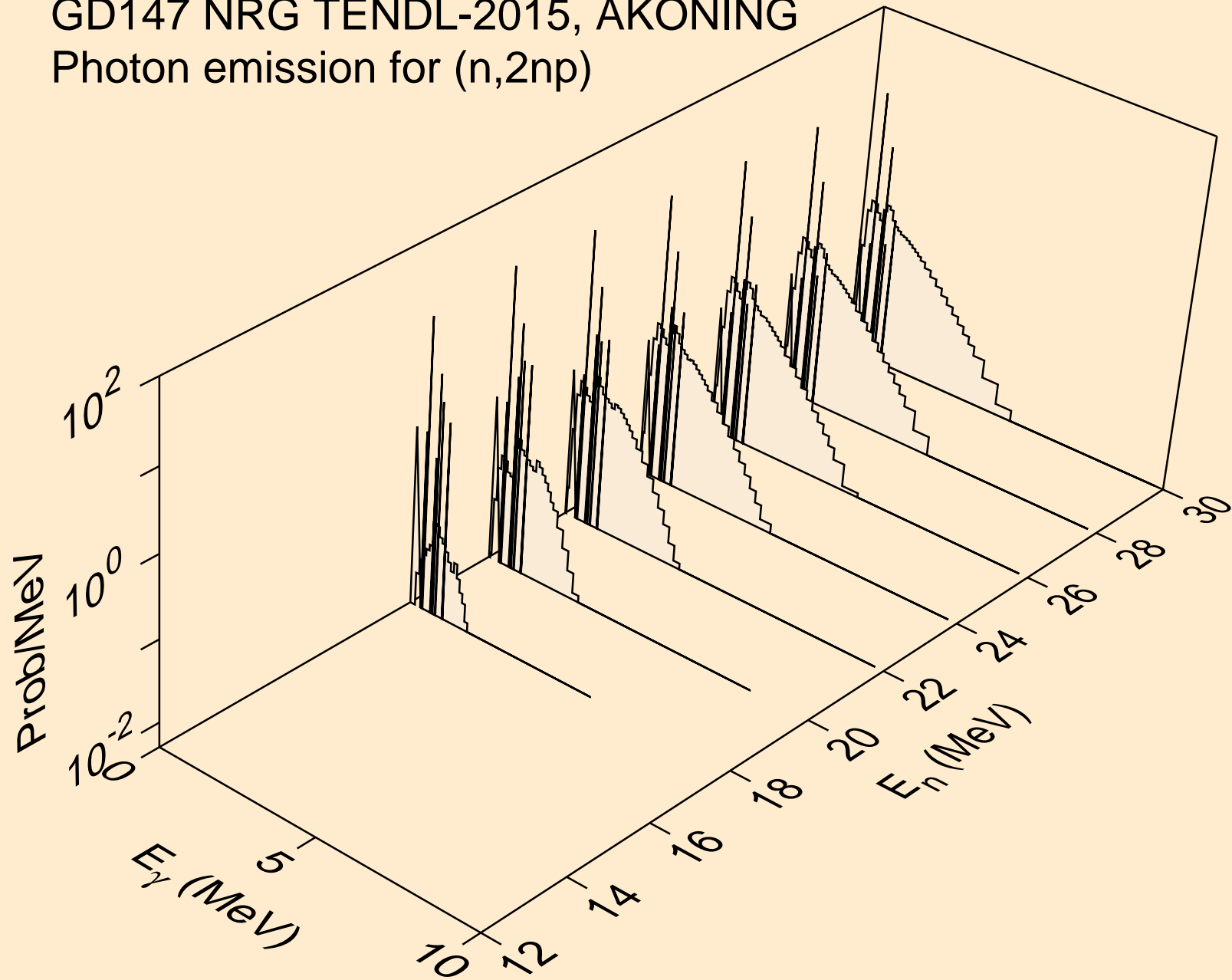


GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

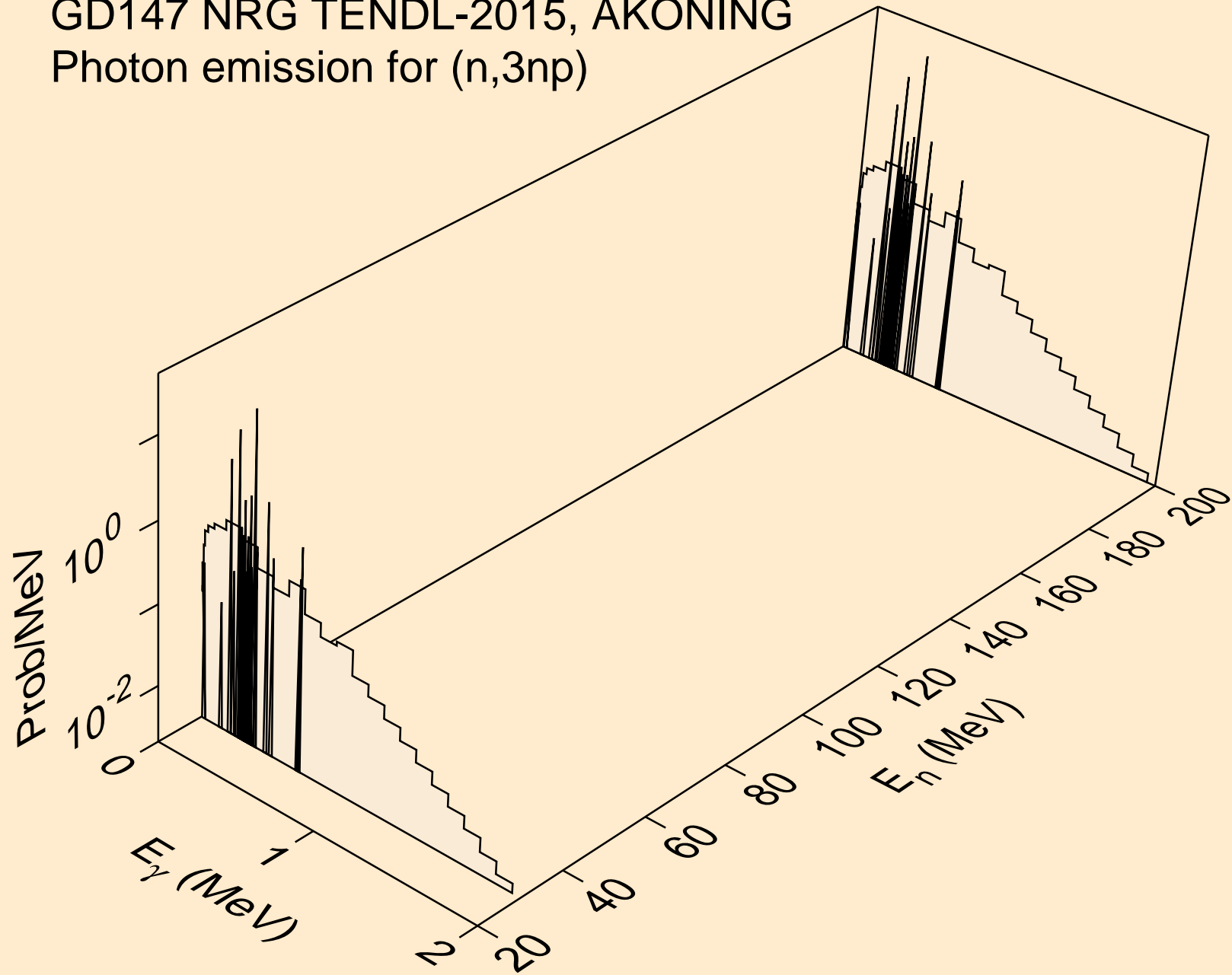




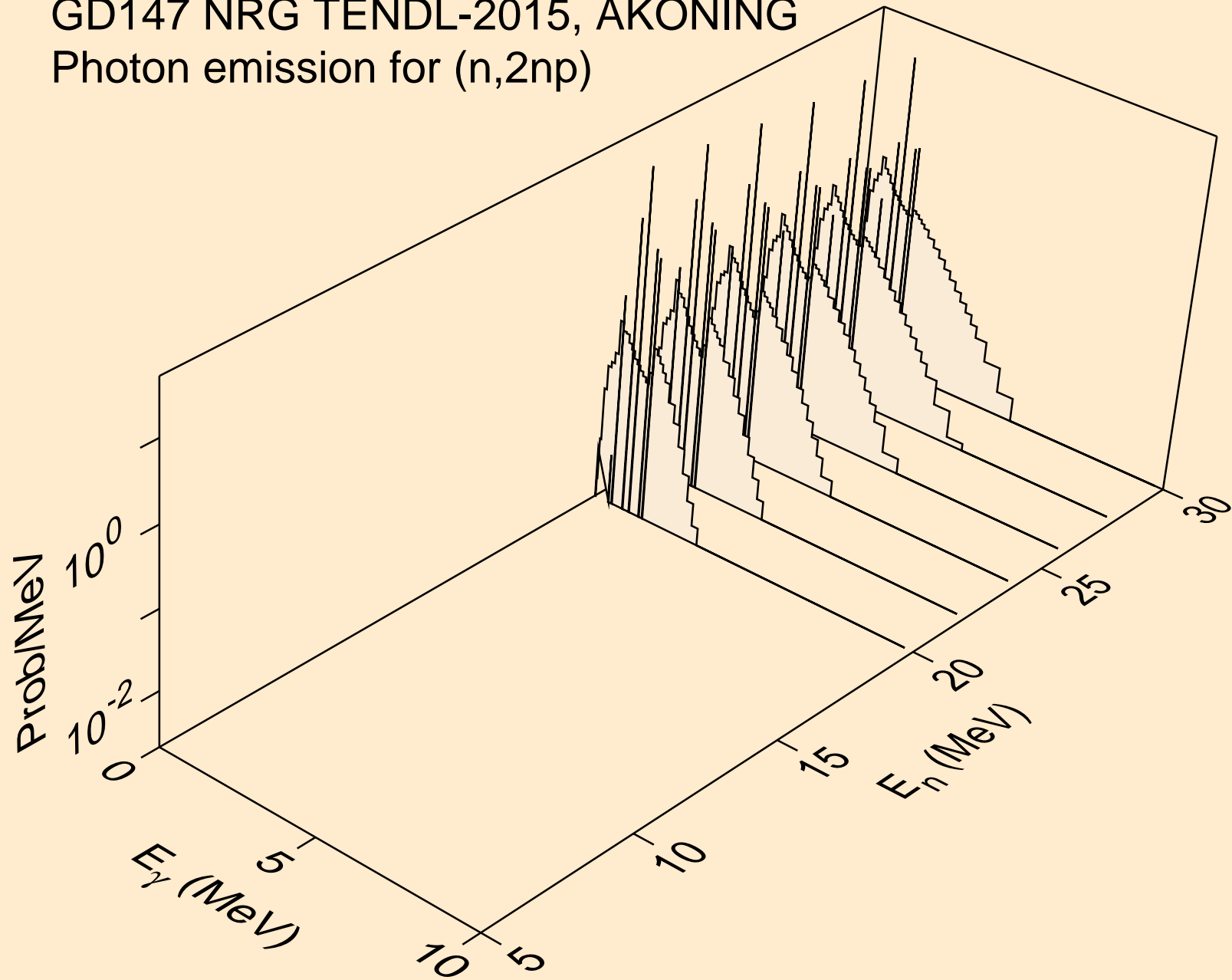
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



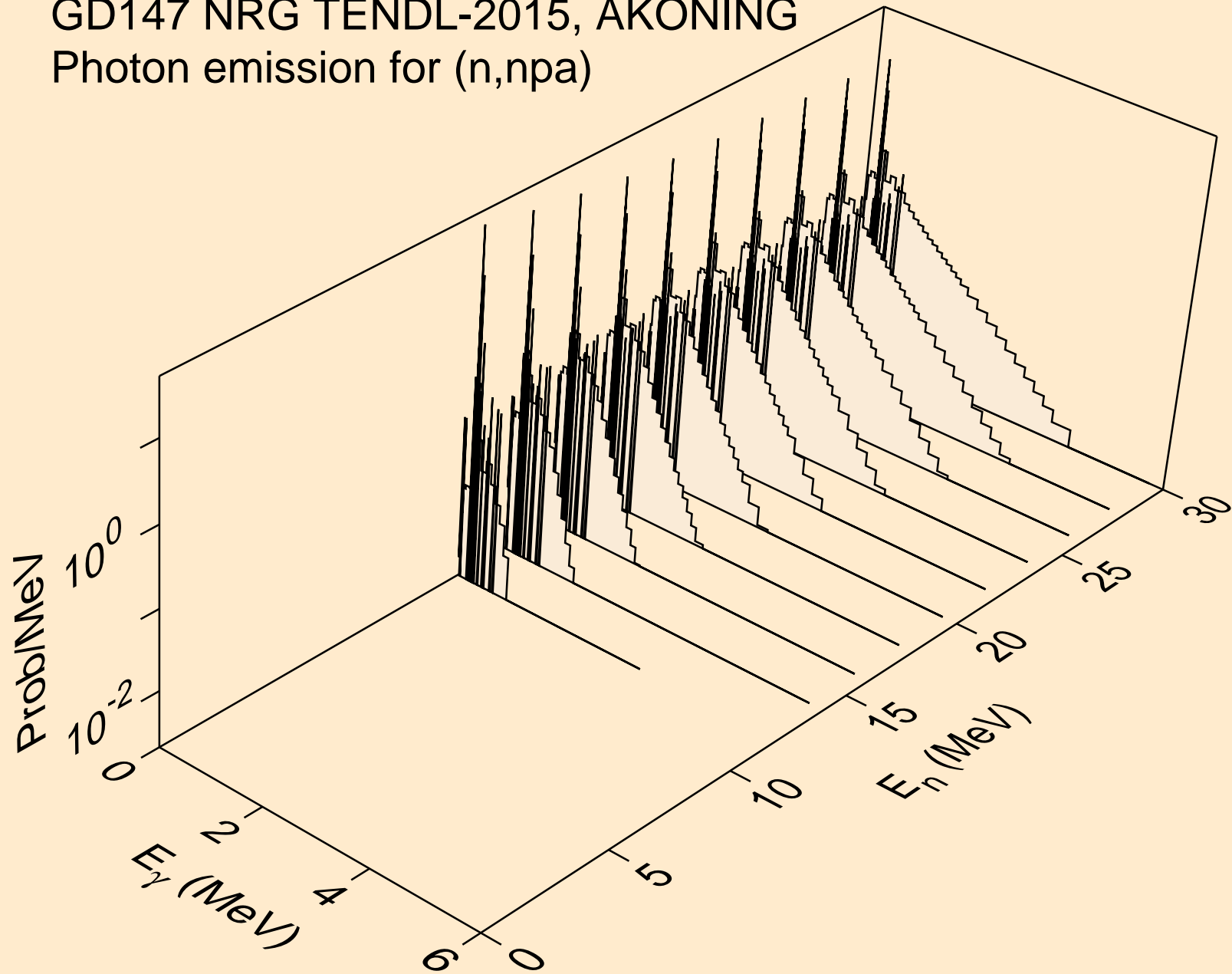
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



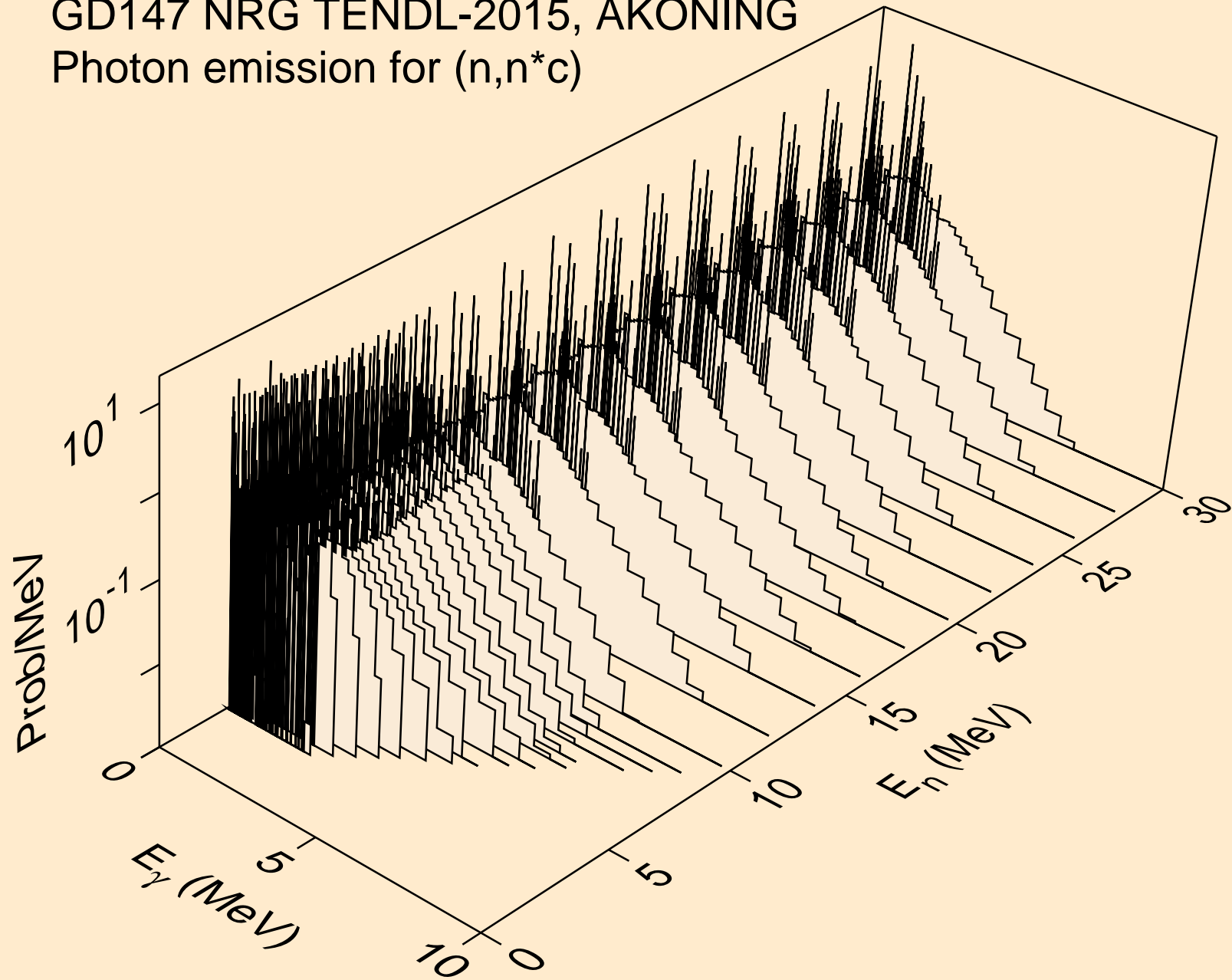
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



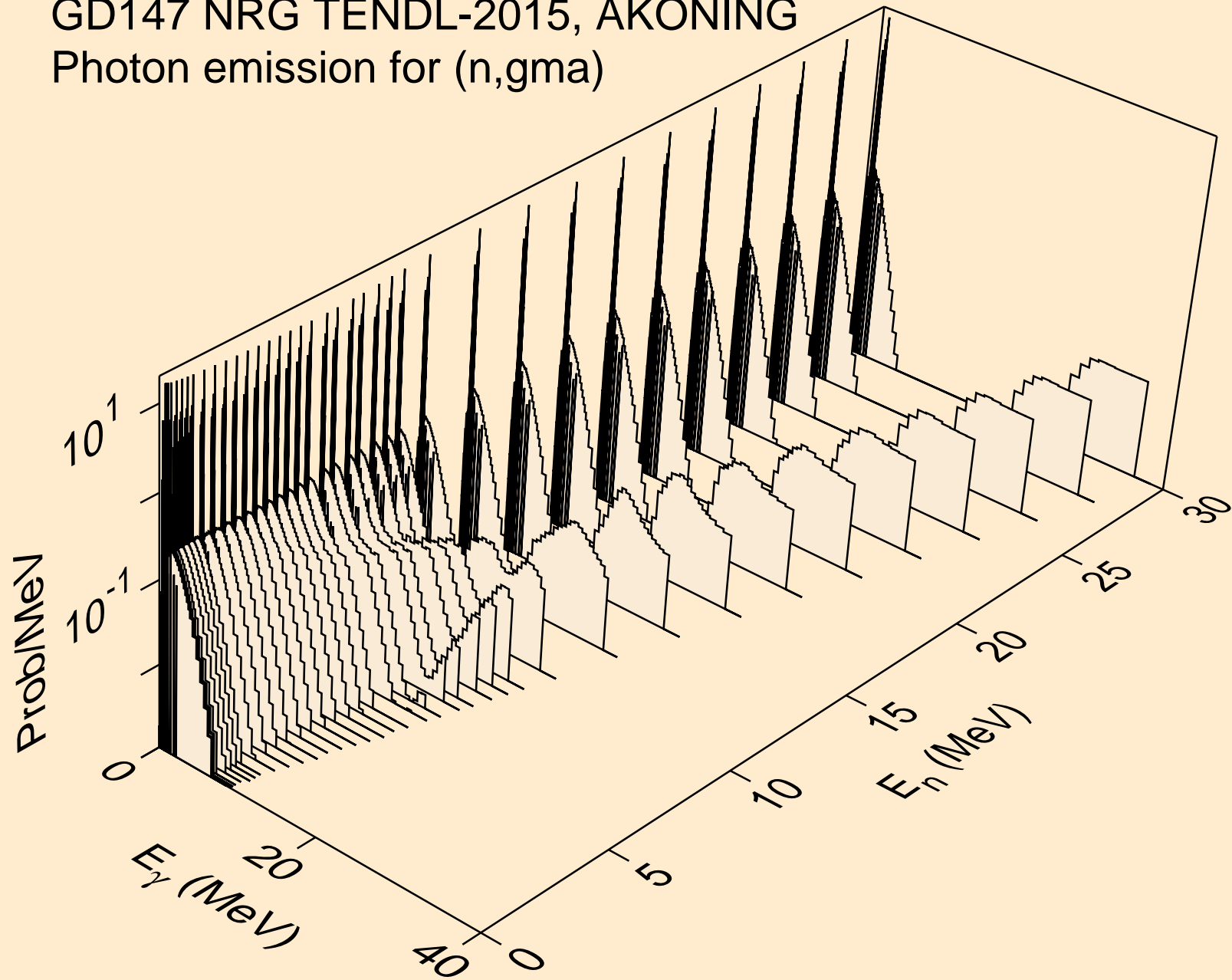
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



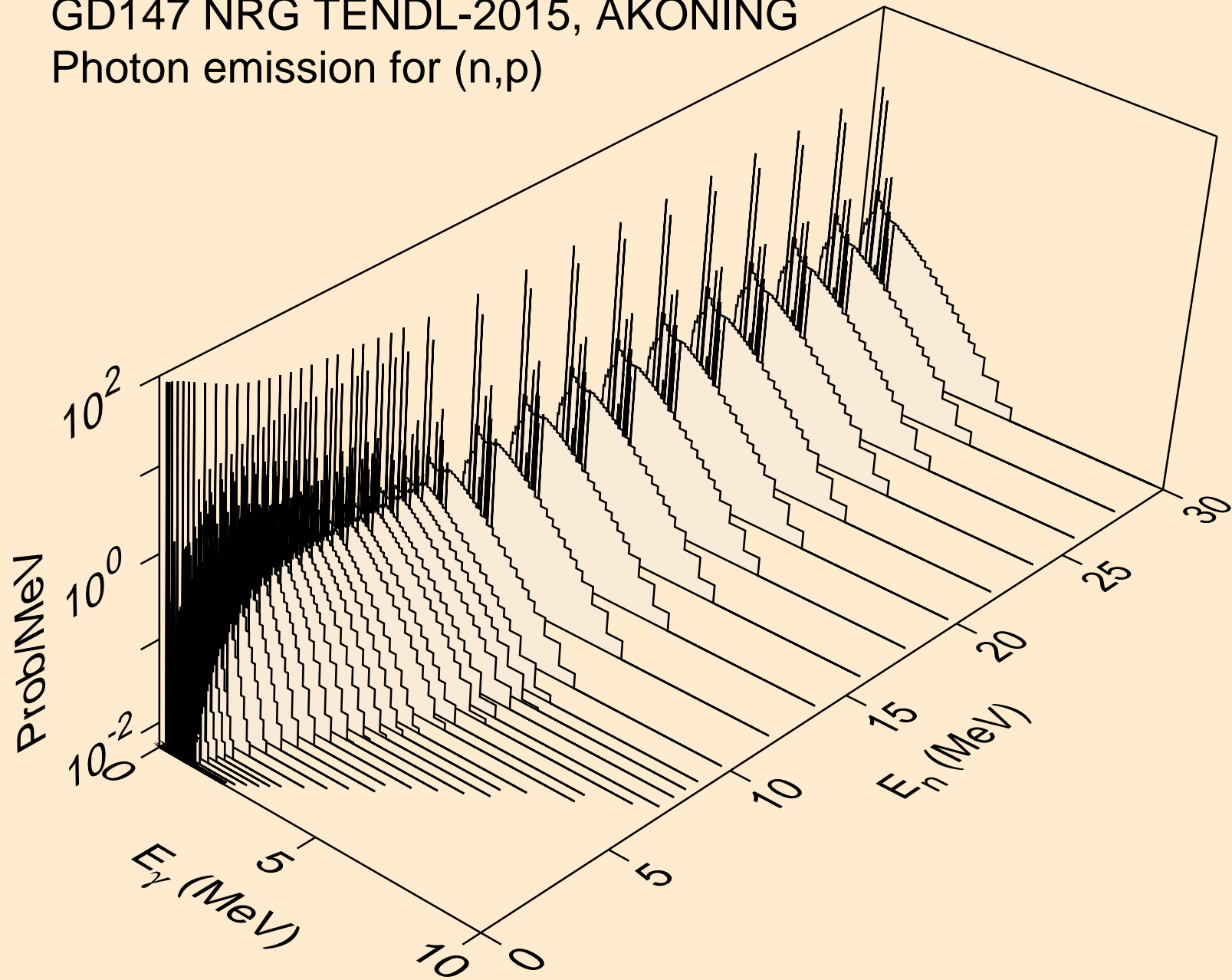
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



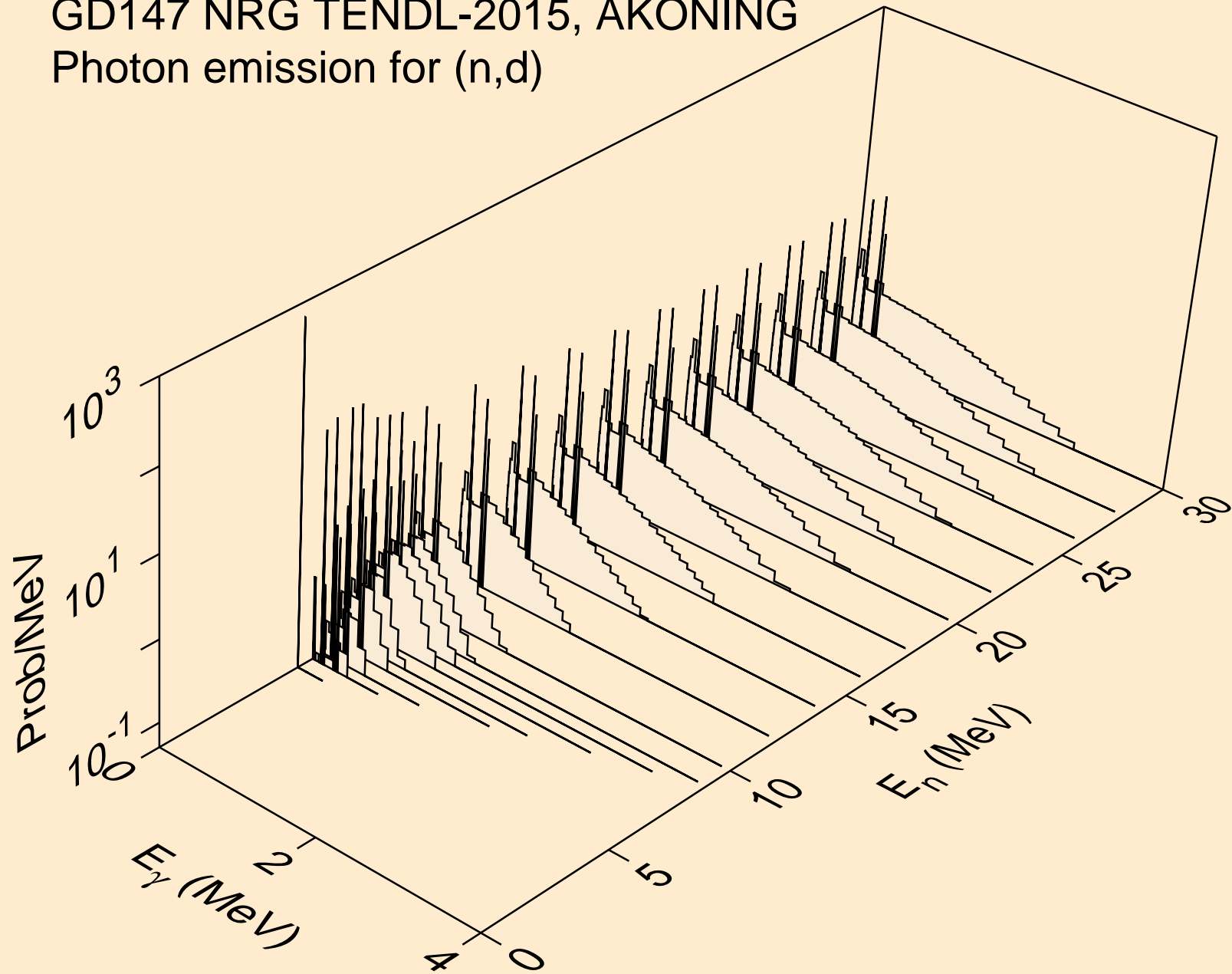
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

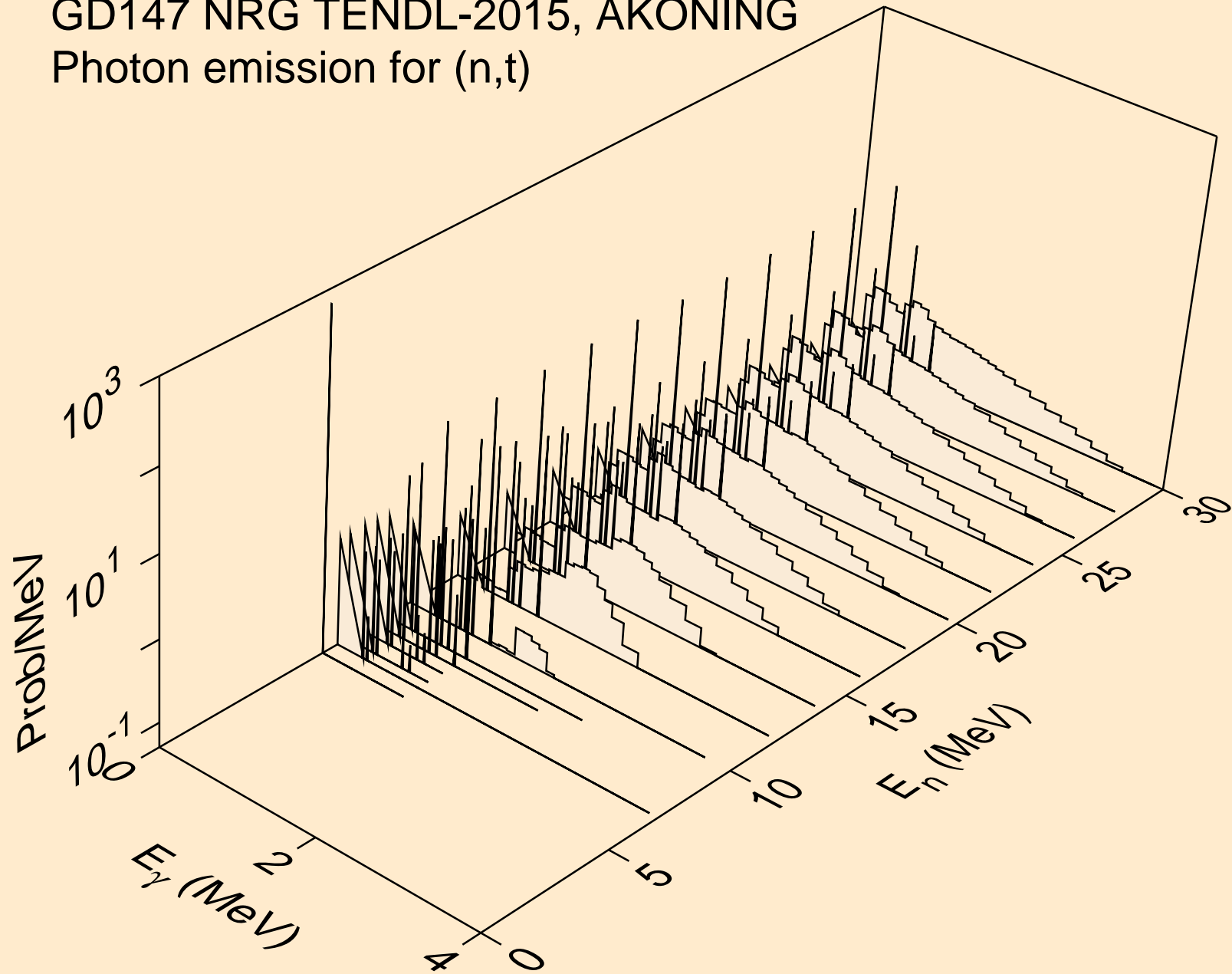


GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

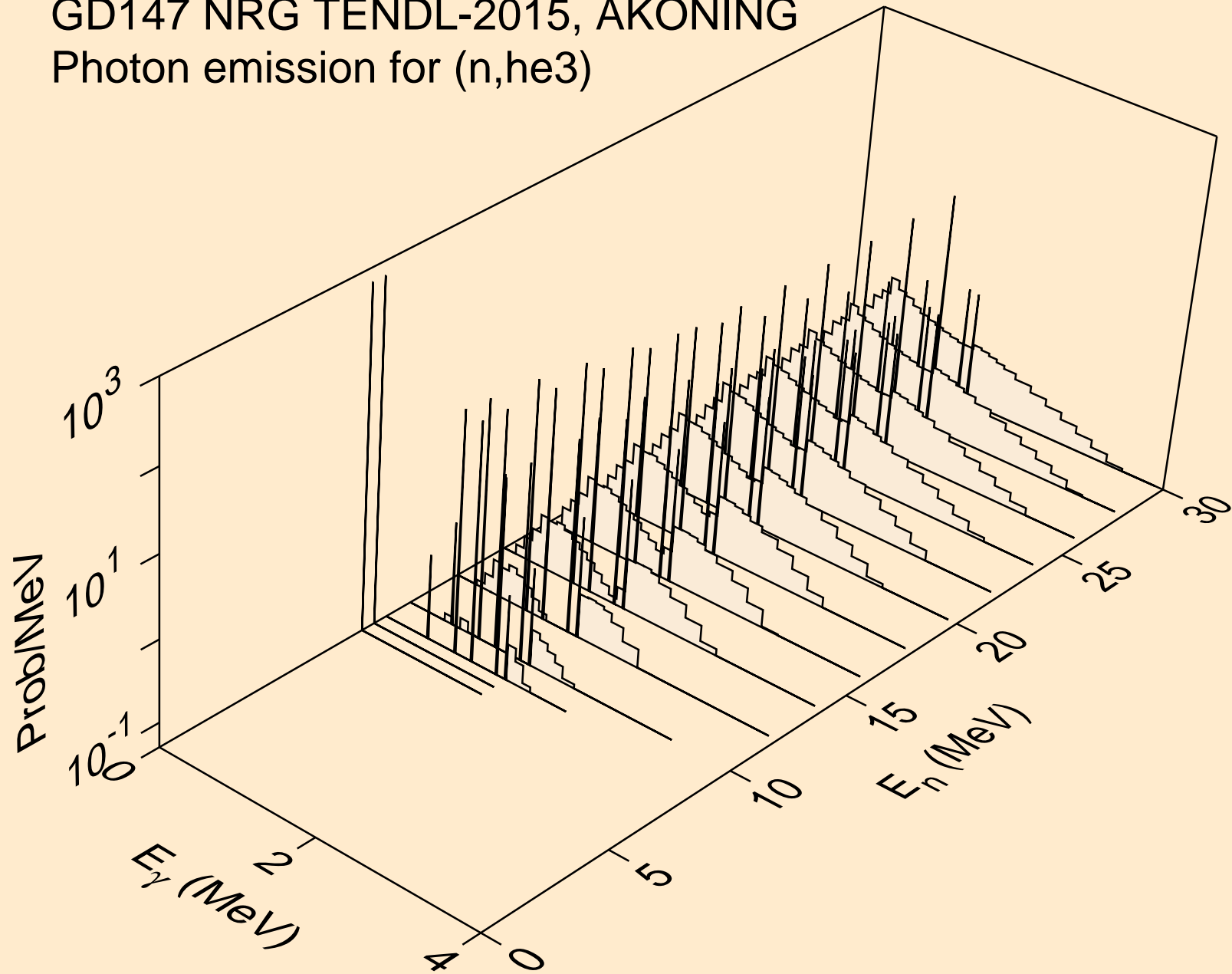




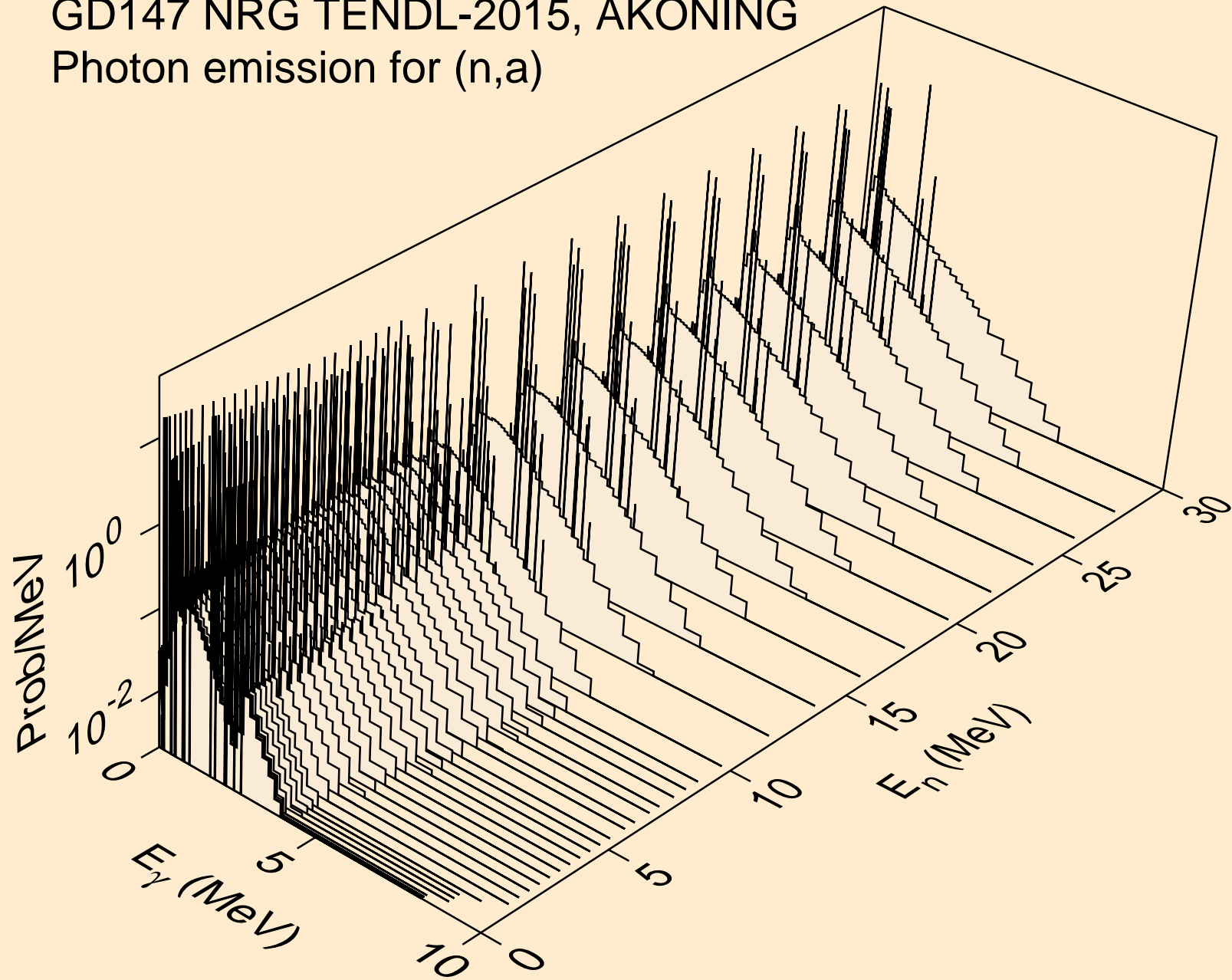
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



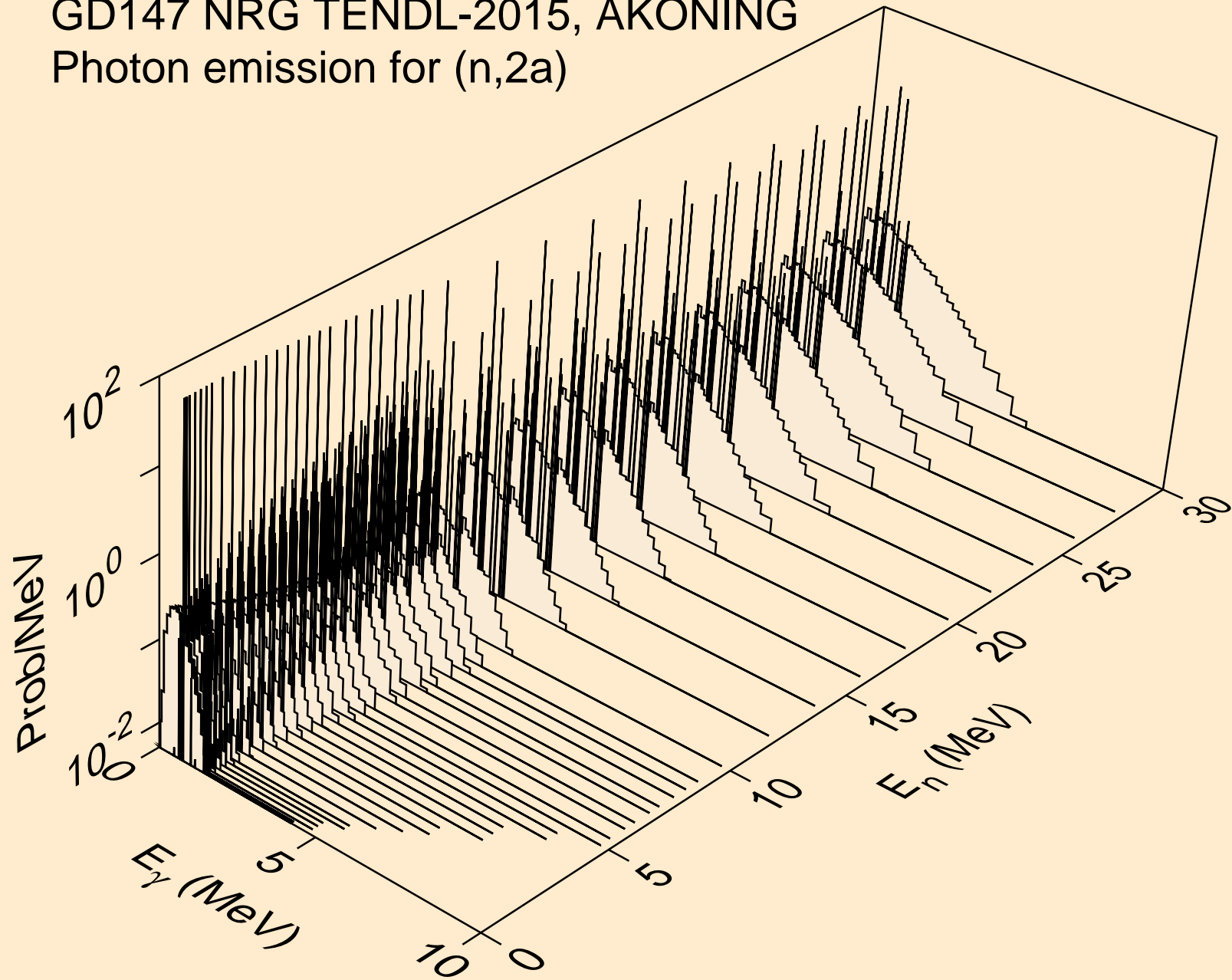
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



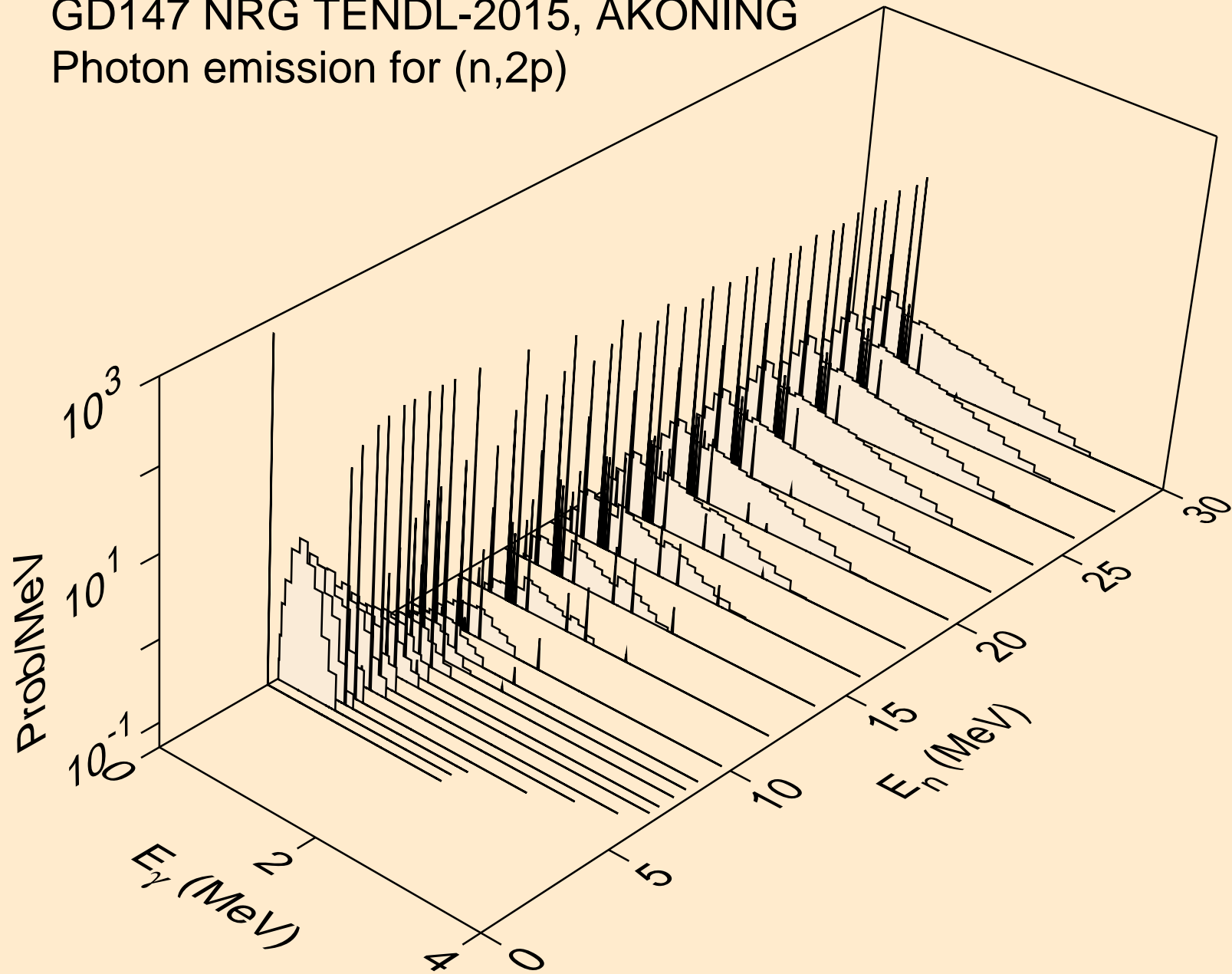
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



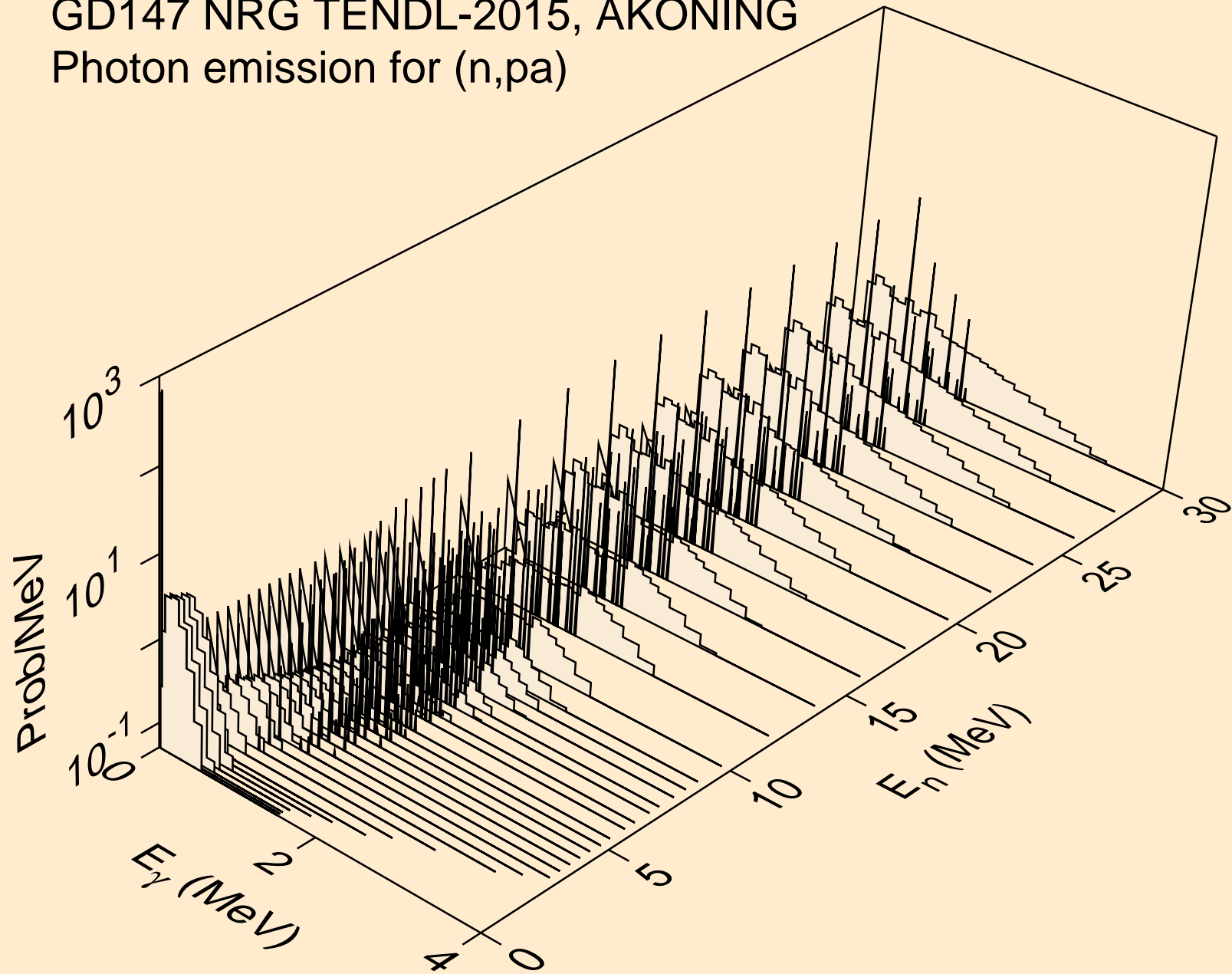
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



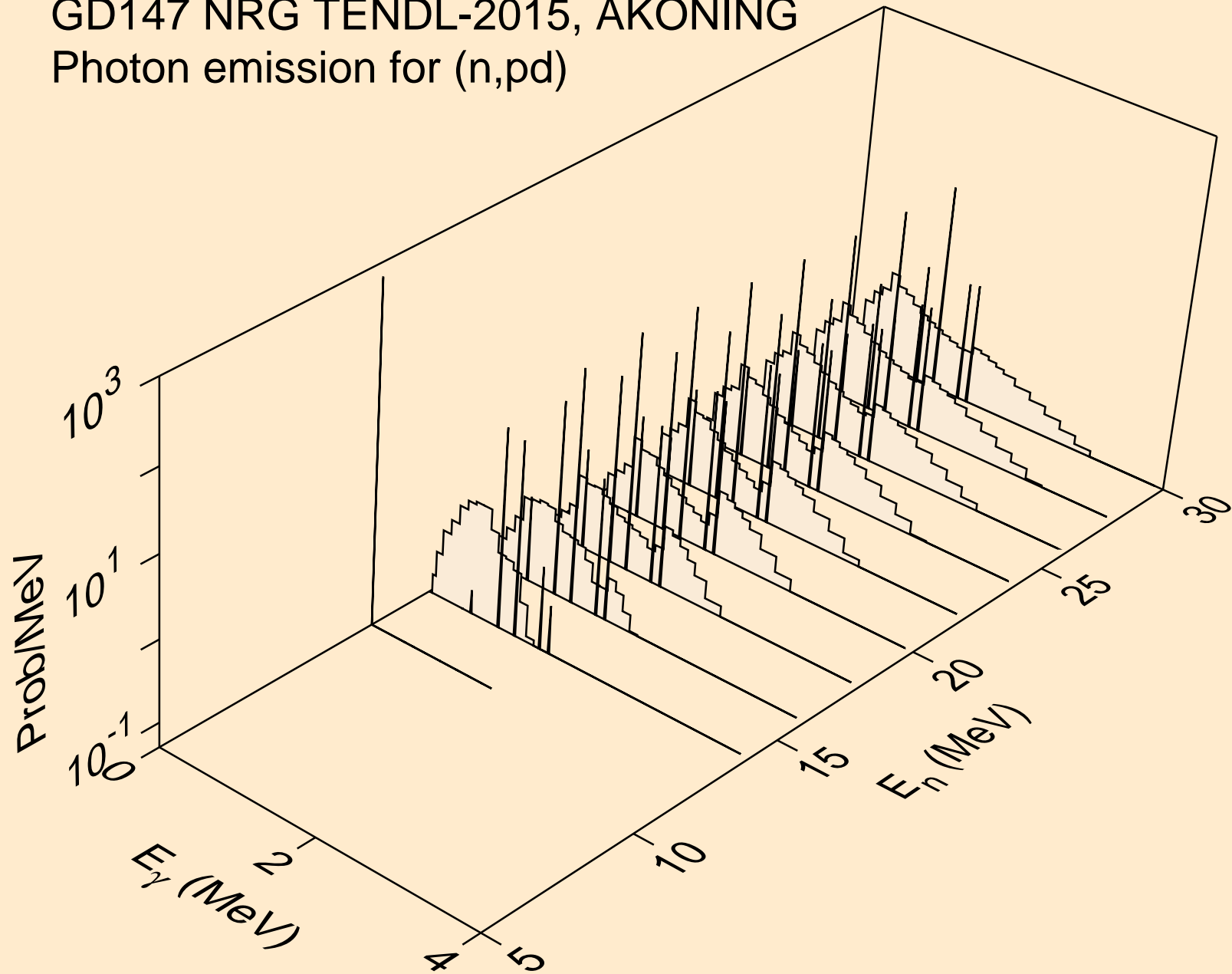
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



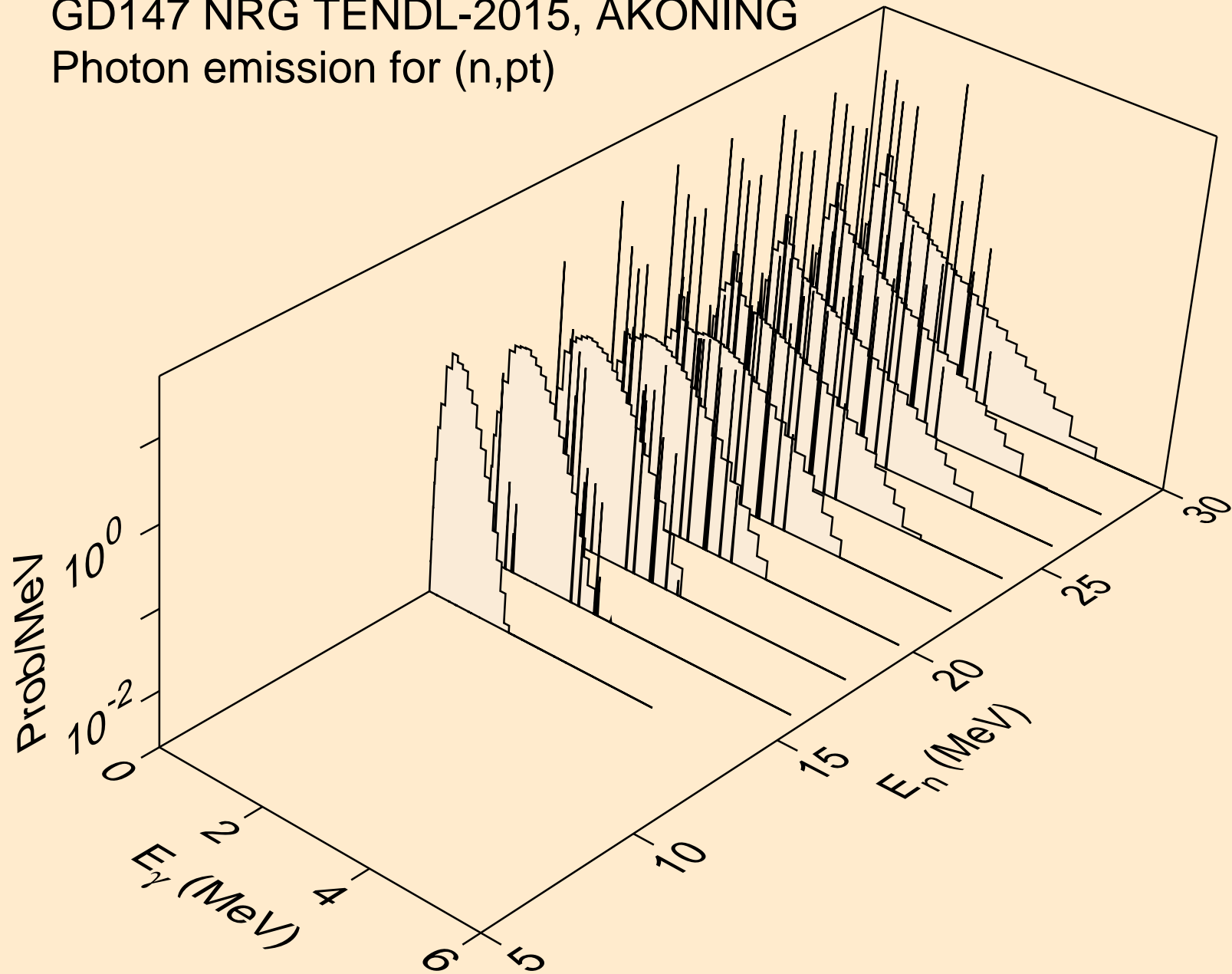
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

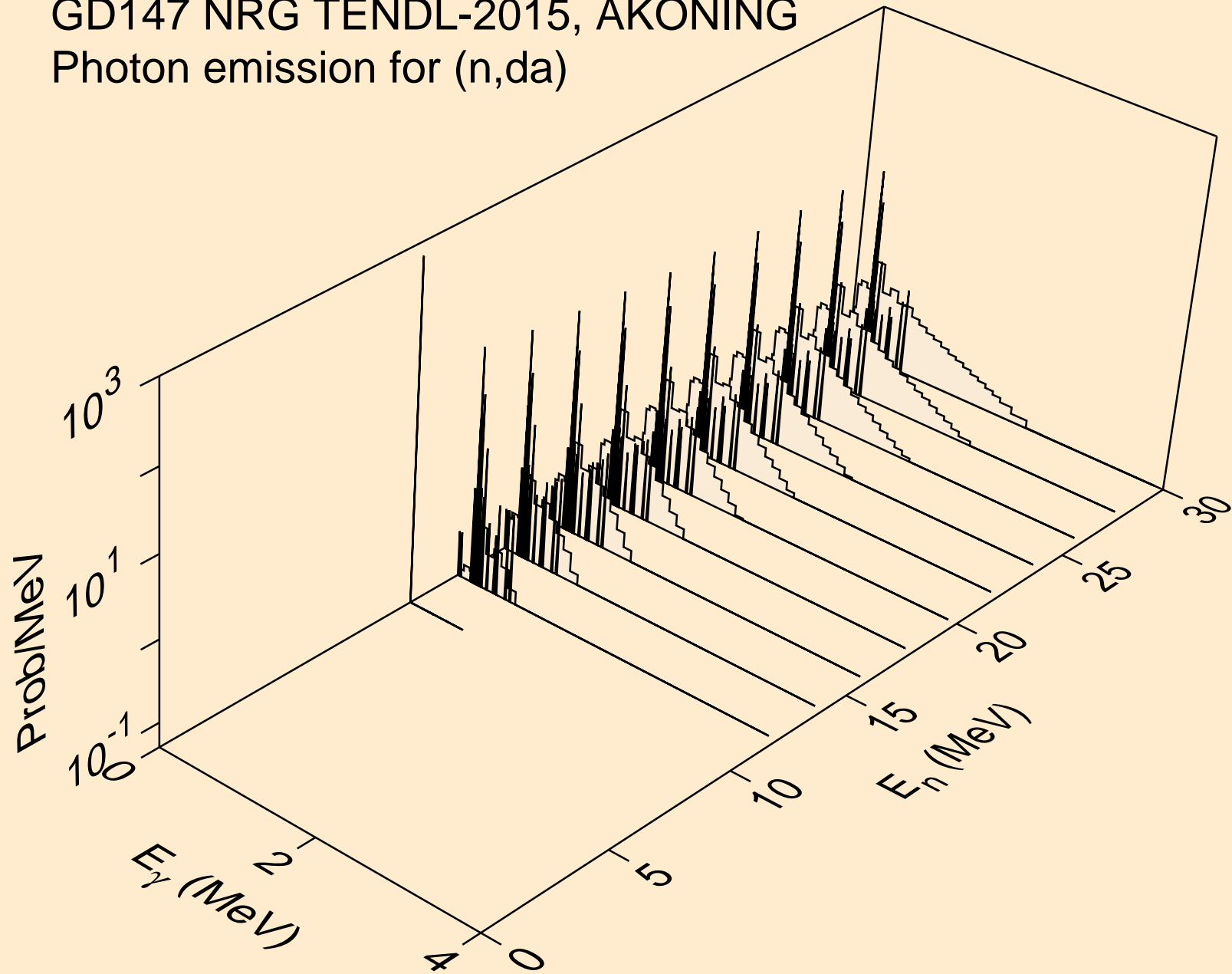


GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

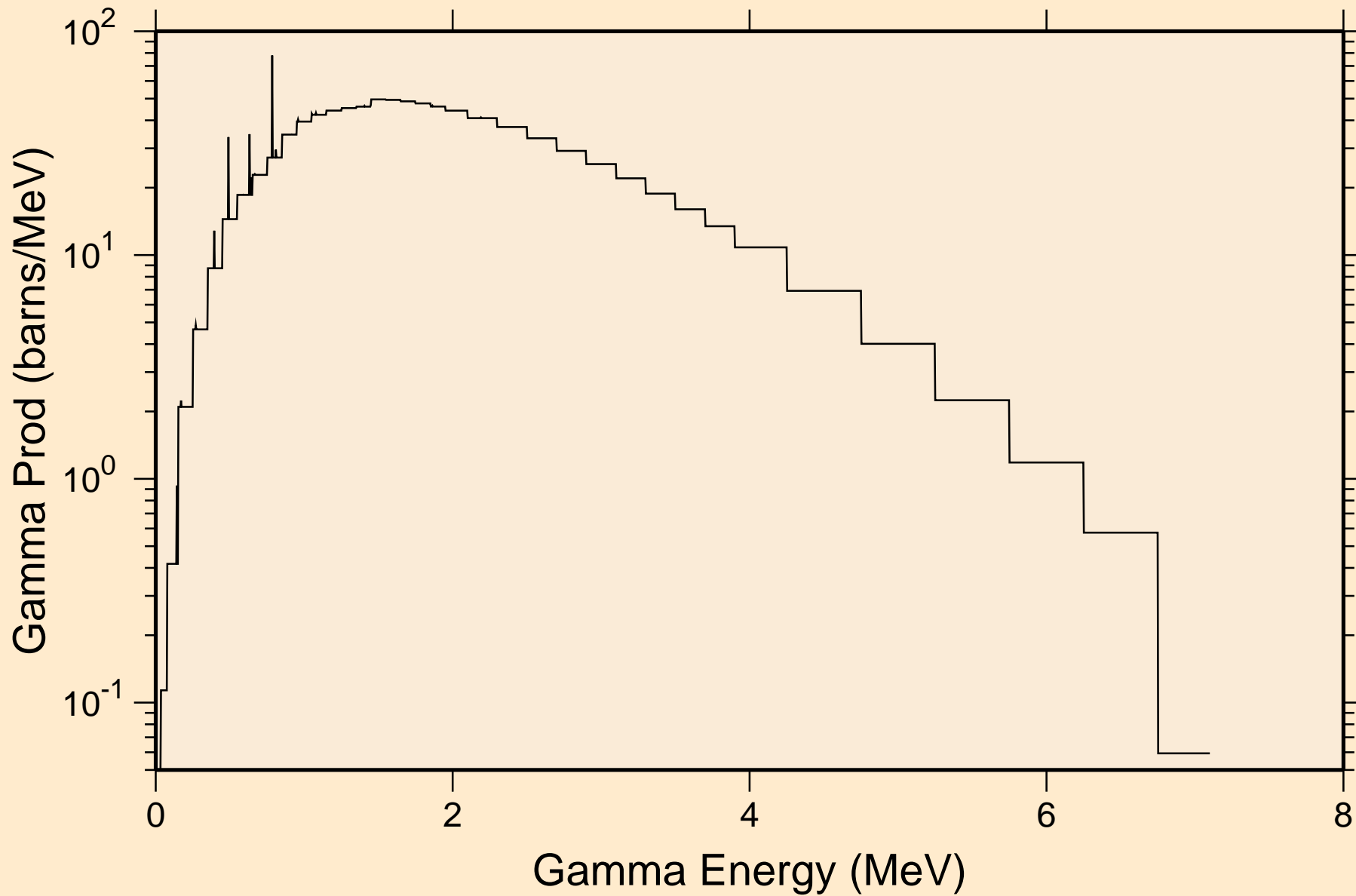




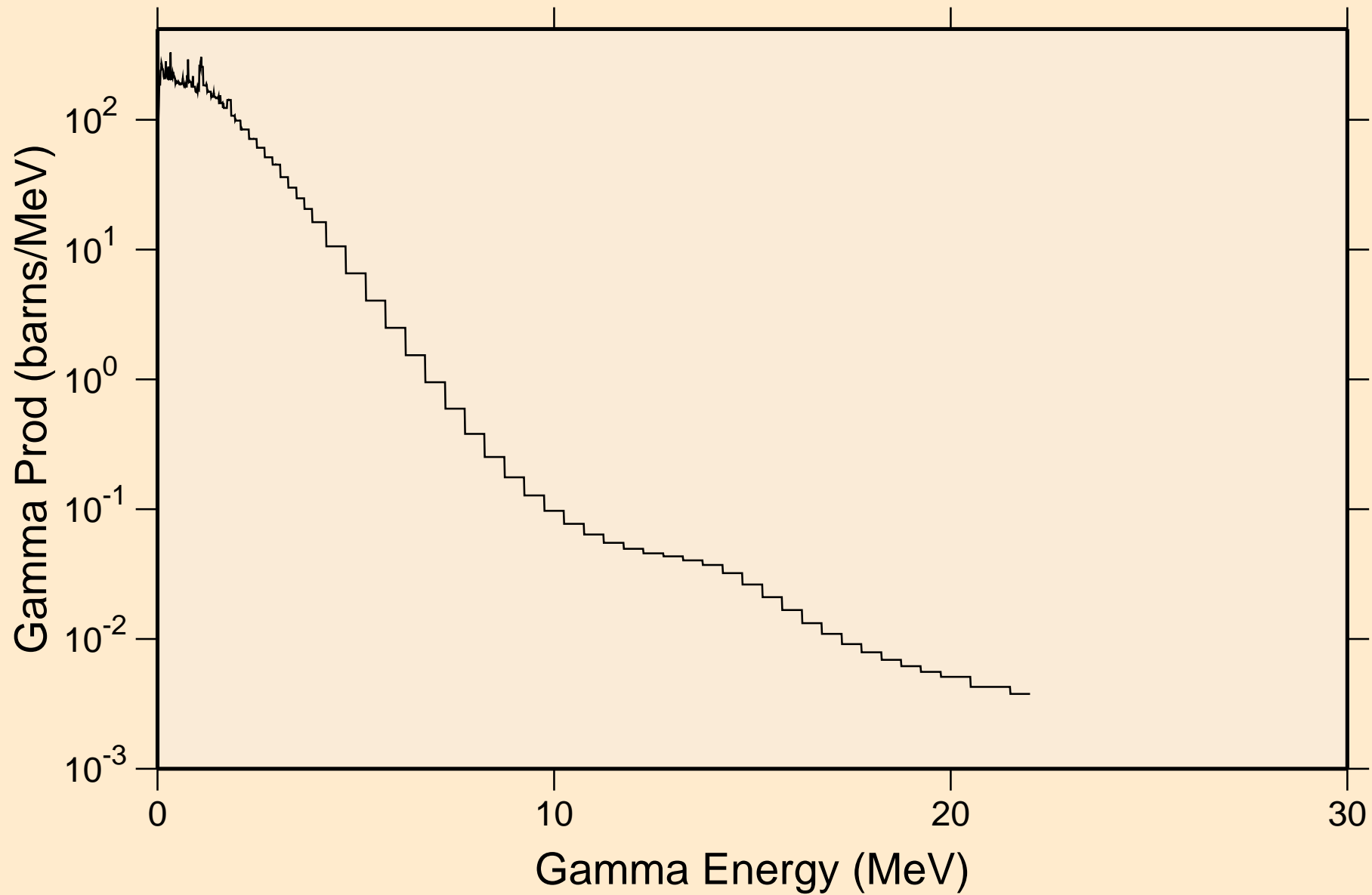
GD147 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



GD147 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

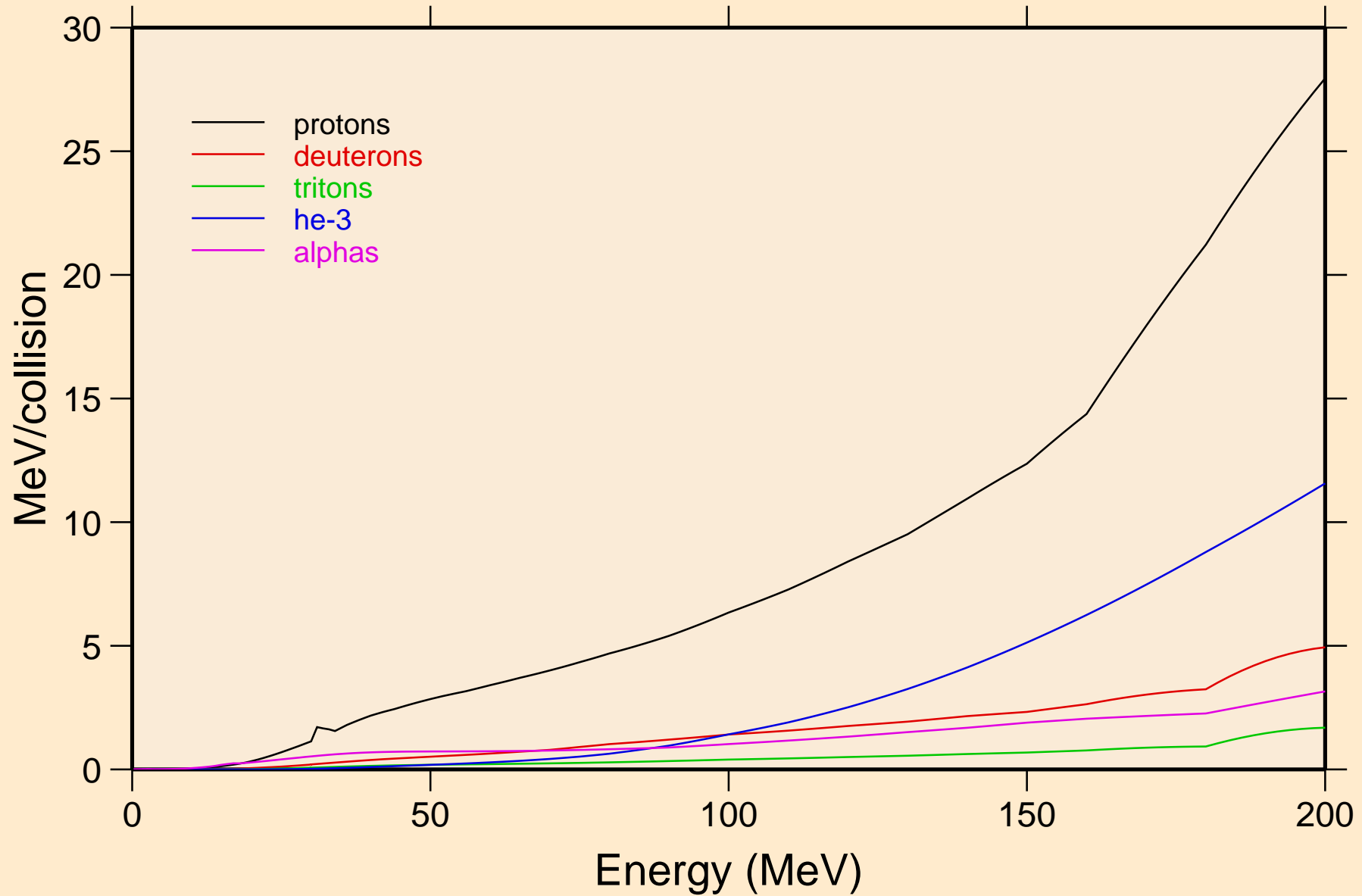


GD147 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



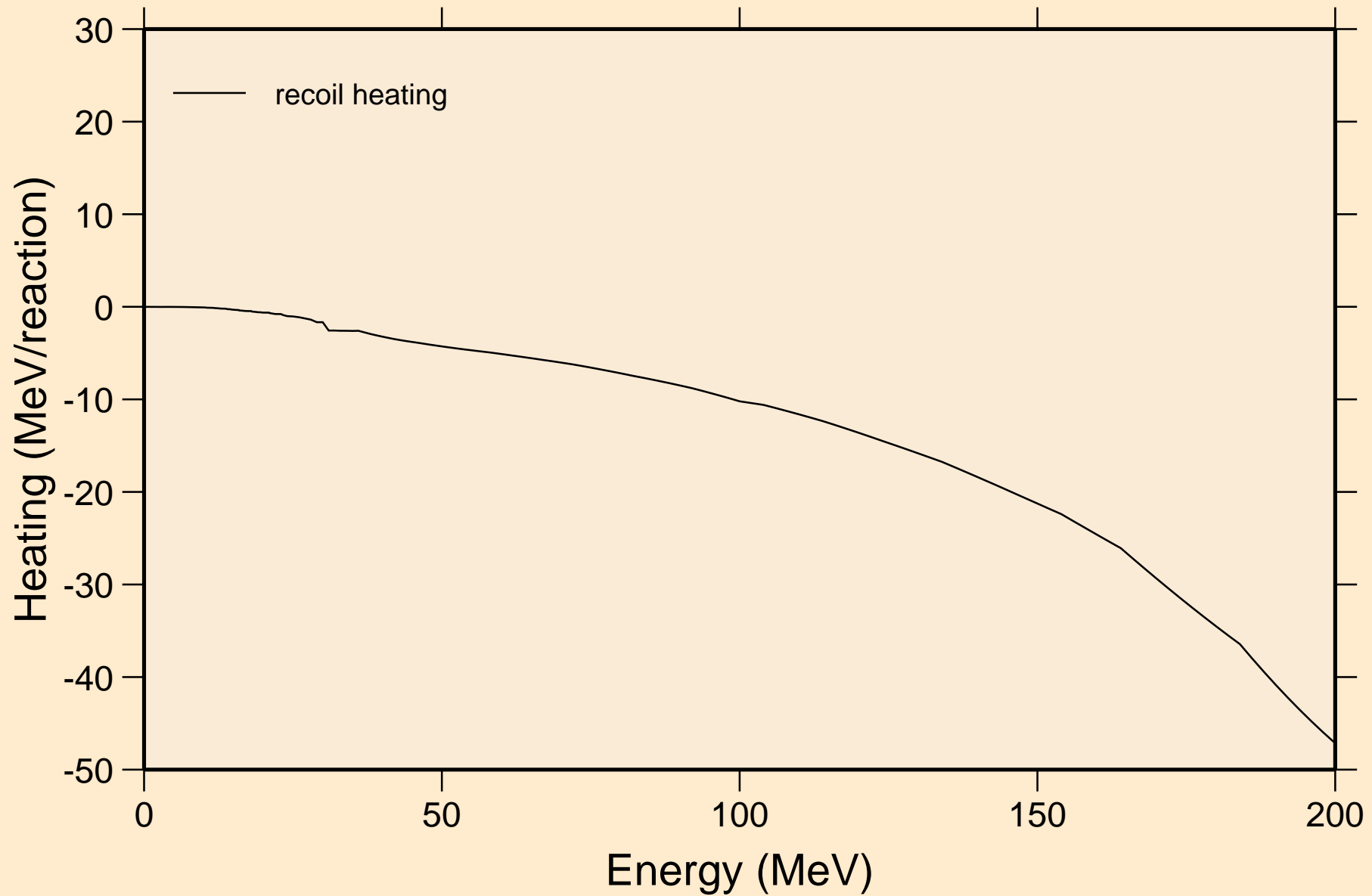
# GD147 NRG TENDL-2015, AKONING

## Particle heating contributions



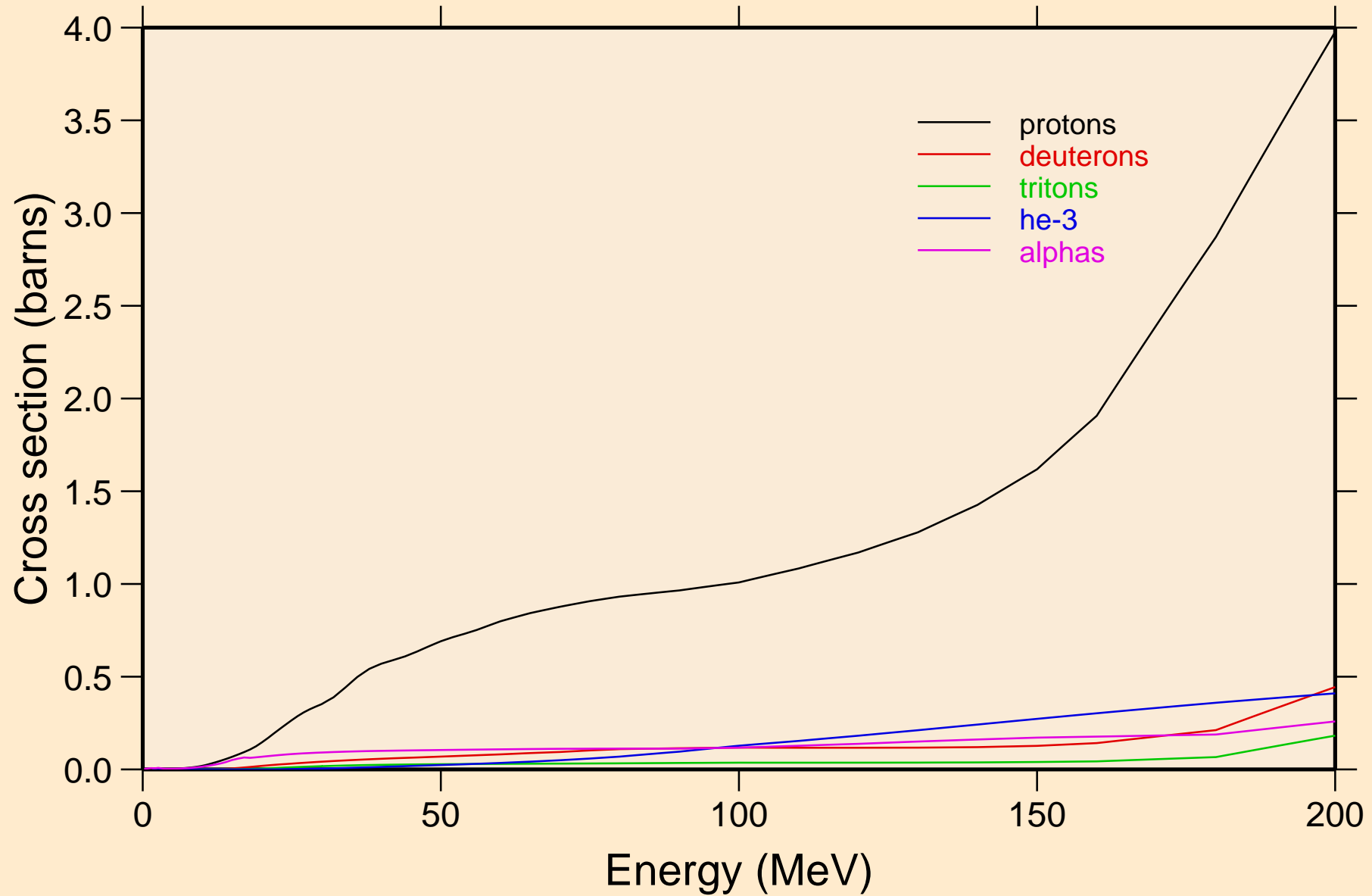
# GD147 NRG TENDL-2015, AKONING

## Recoil Heating

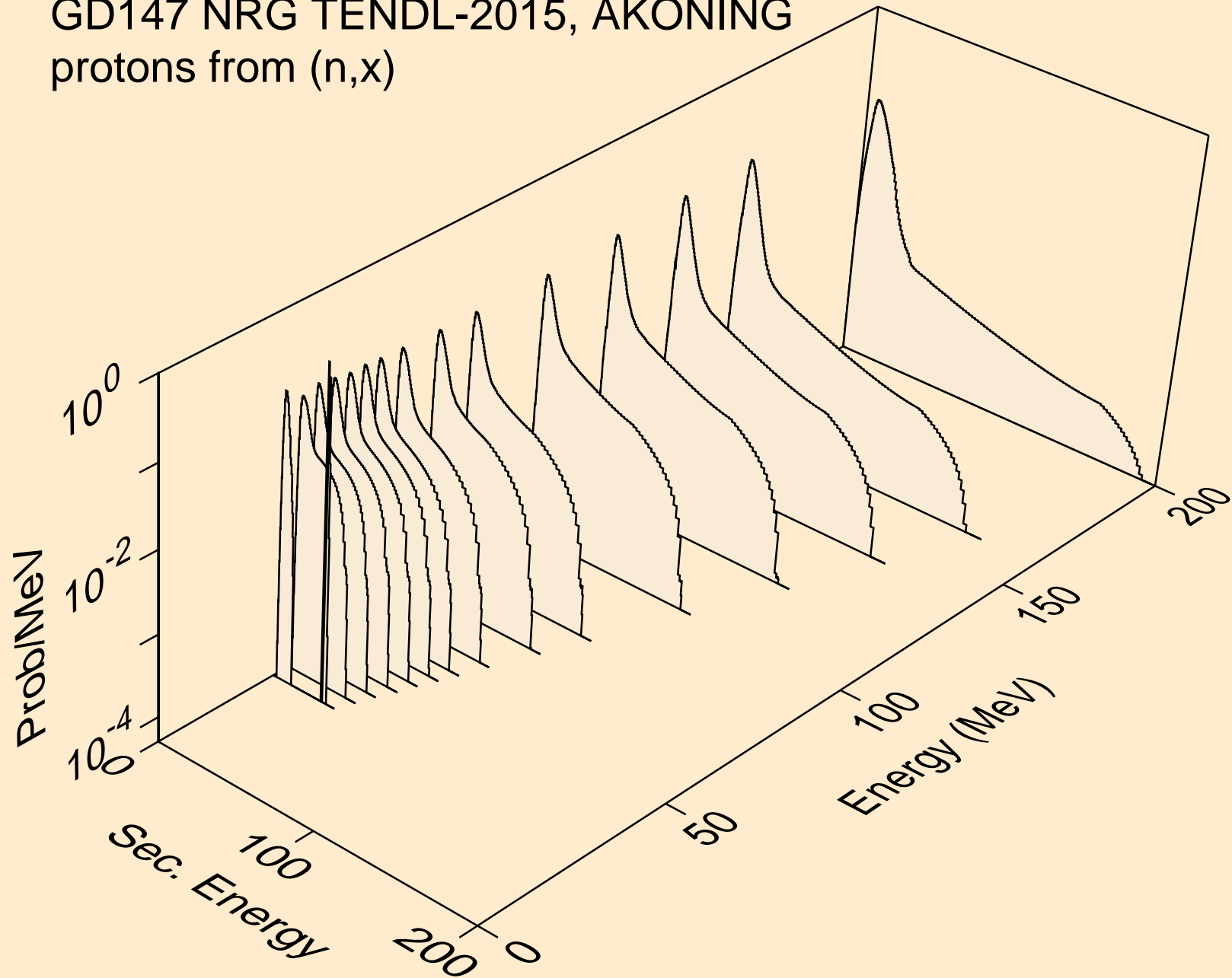


# GD147 NRG TENDL-2015, AKONING

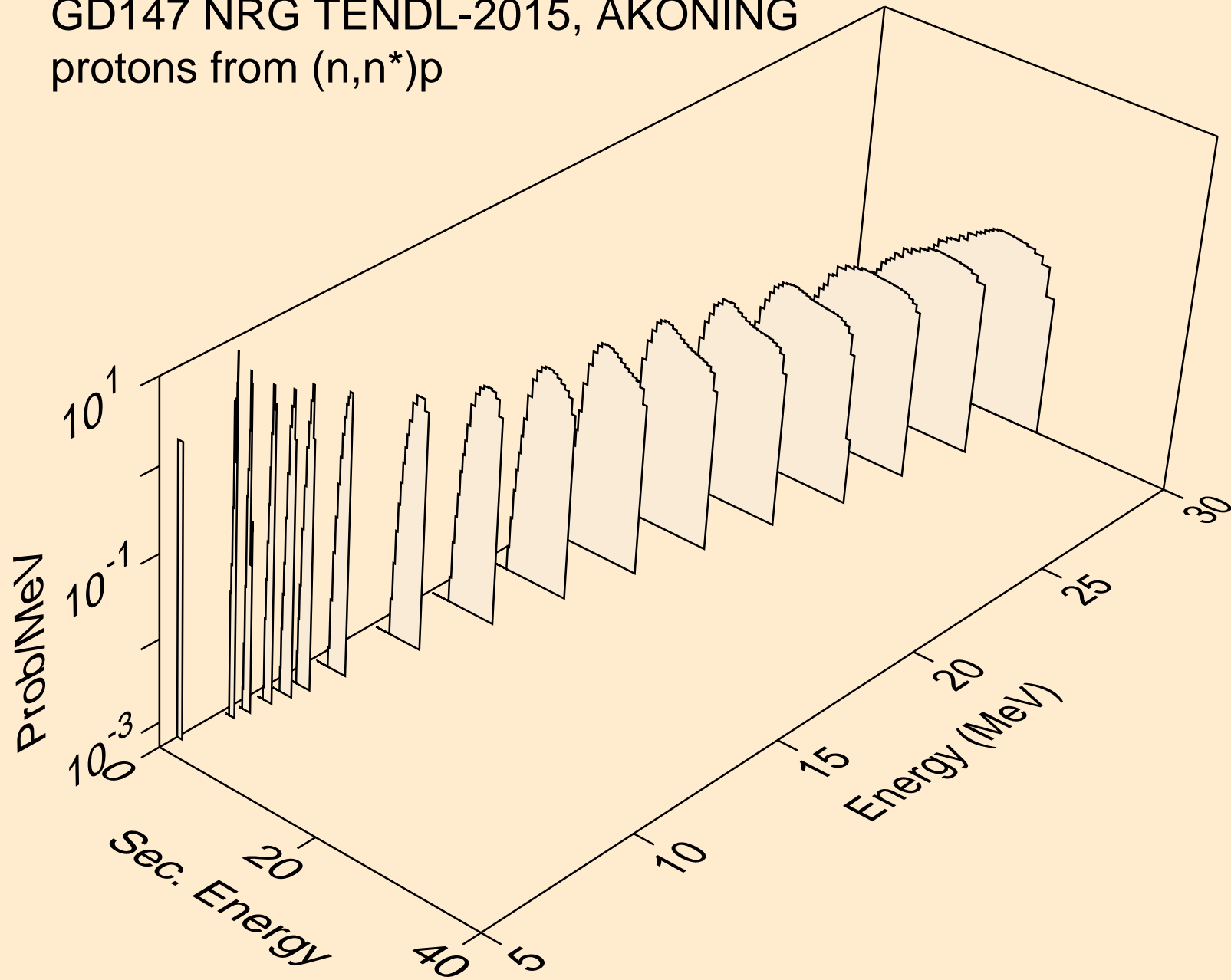
## Particle production cross sections



GD147 NRG TENDL-2015, AKONING  
protons from (n,x)

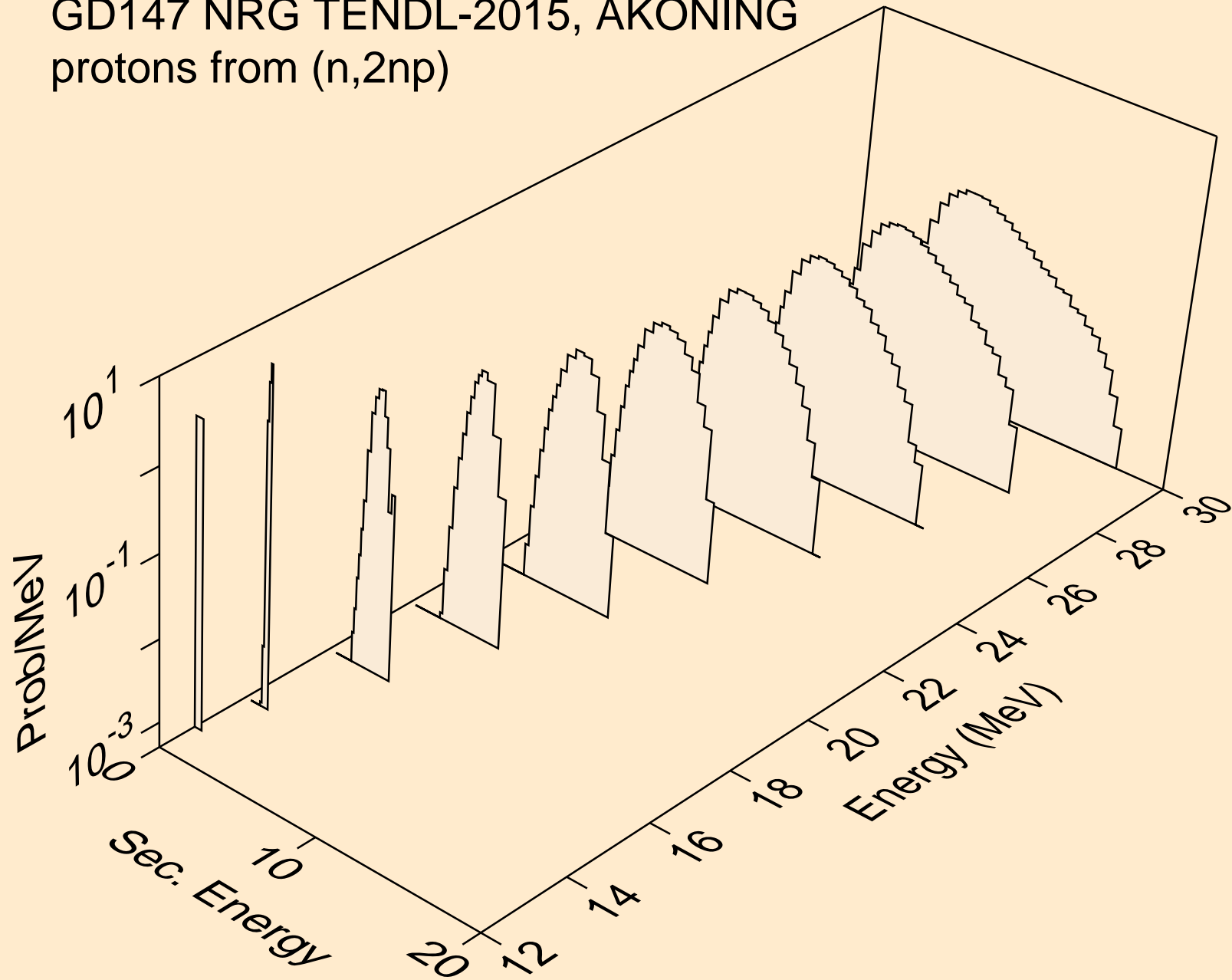


GD147 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

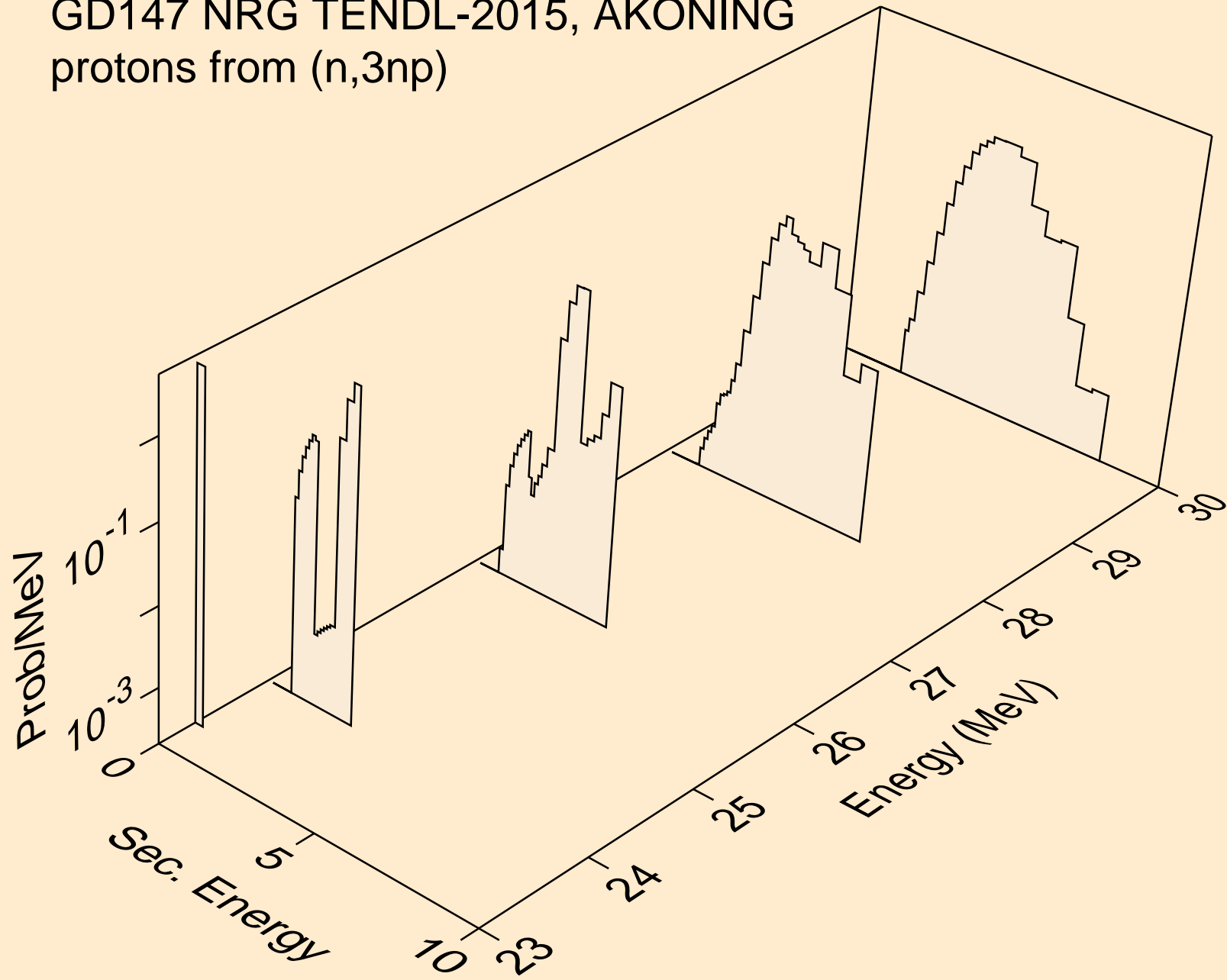




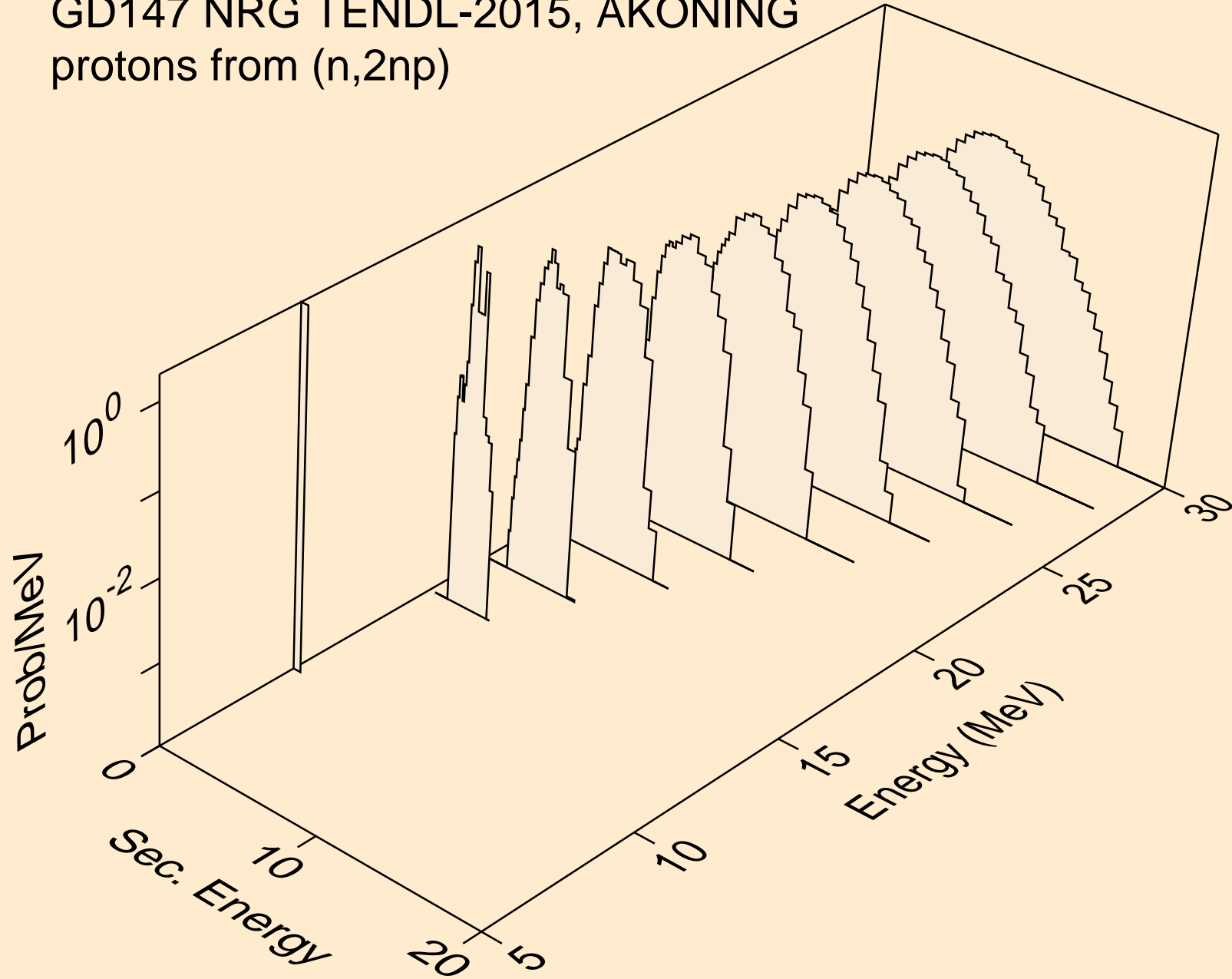
GD147 NRG TENDL-2015, AKONING  
protons from (n,2np)



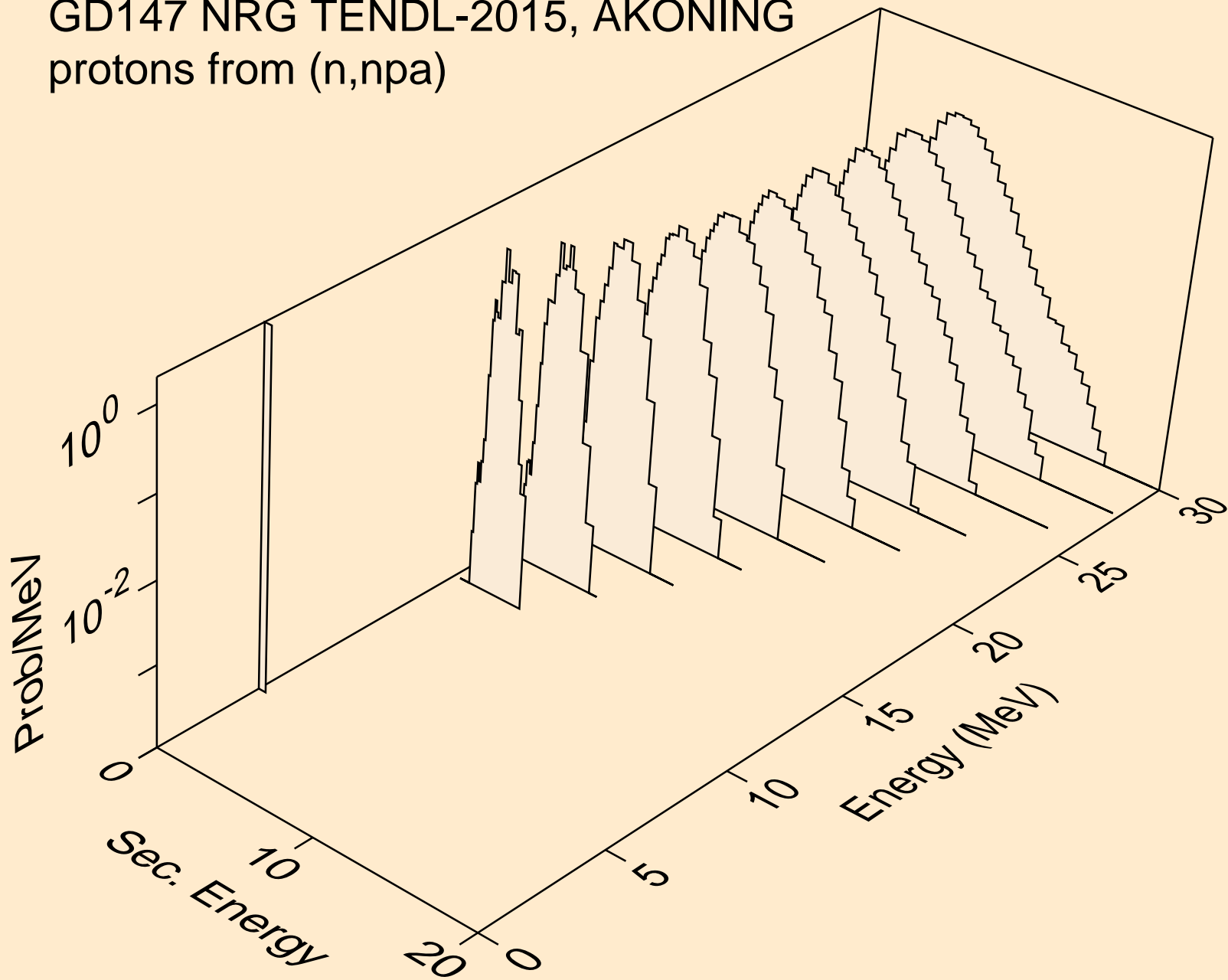
GD147 NRG TENDL-2015, AKONING  
protons from (n,3np)



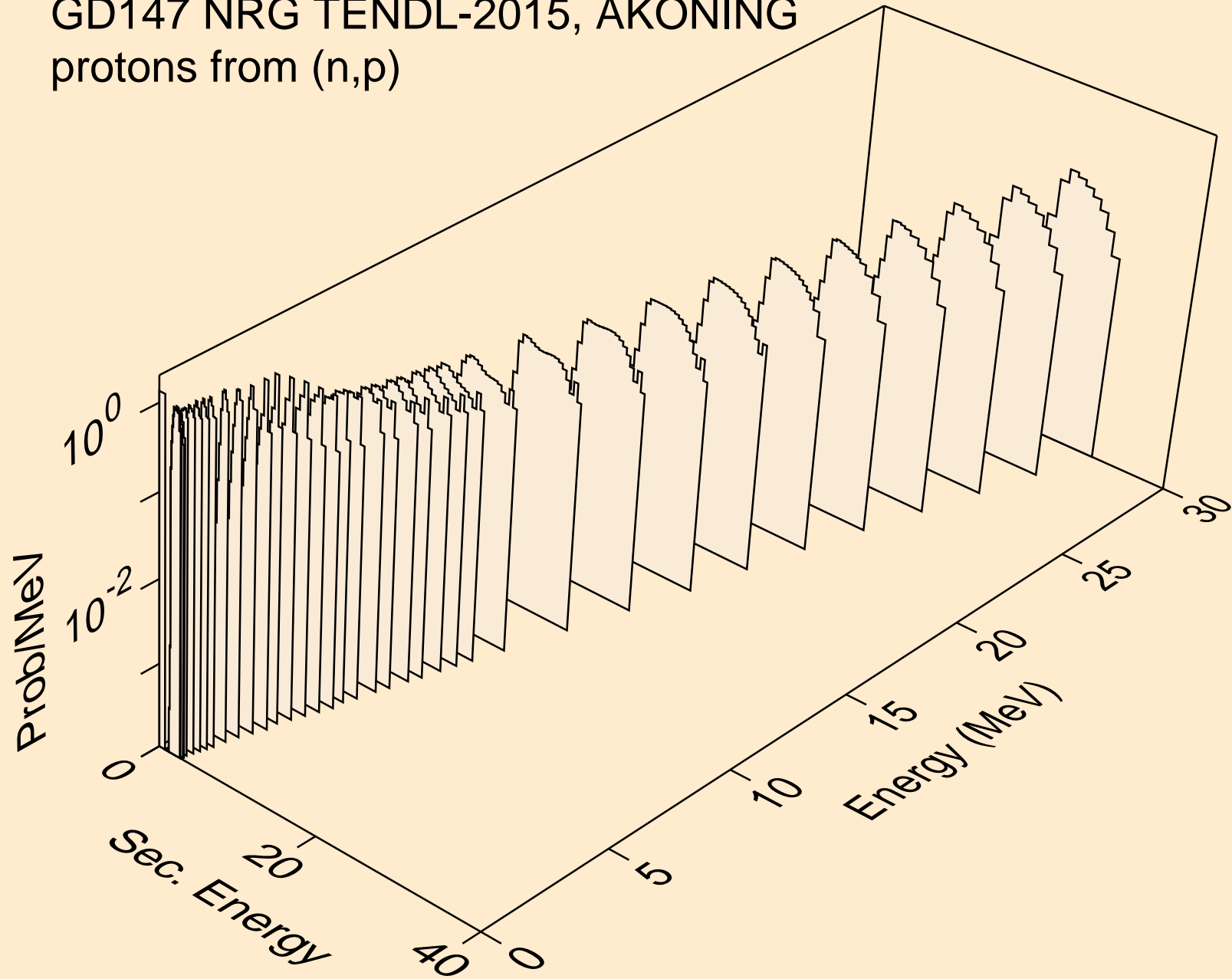
GD147 NRG TENDL-2015, AKONING  
protons from (n,2np)



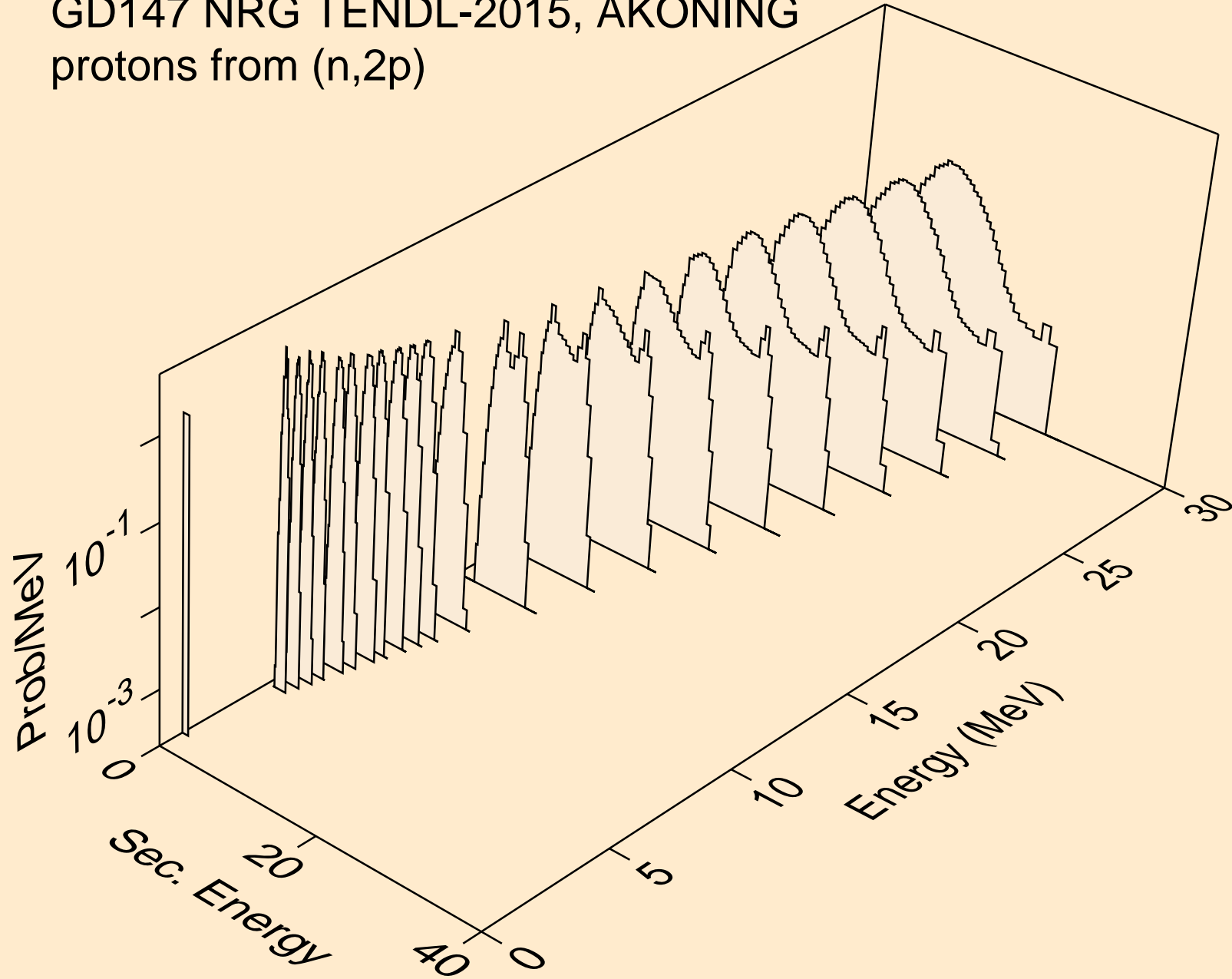
GD147 NRG TENDL-2015, AKONING  
protons from (n,npa)



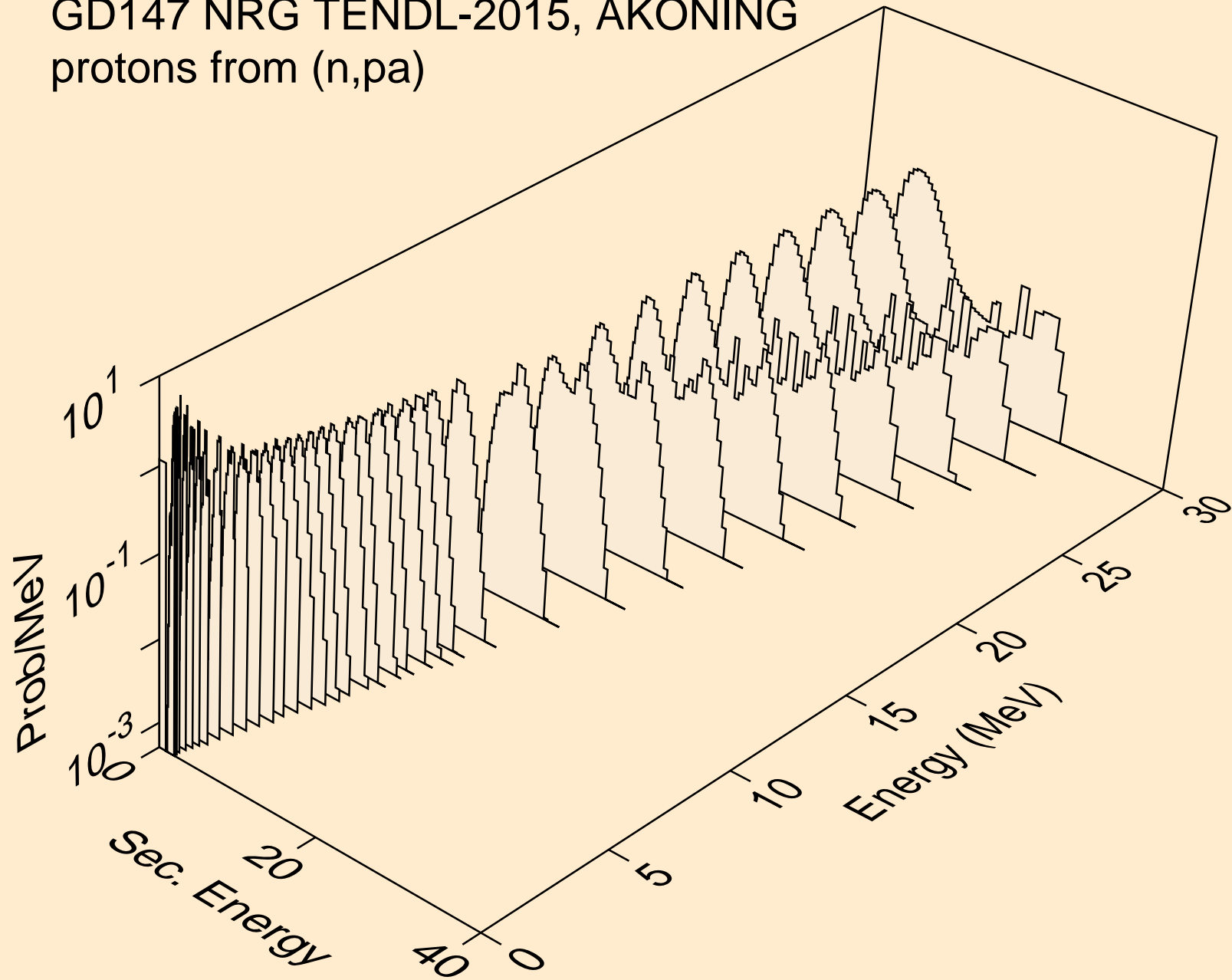
GD147 NRG TENDL-2015, AKONING  
protons from (n,p)



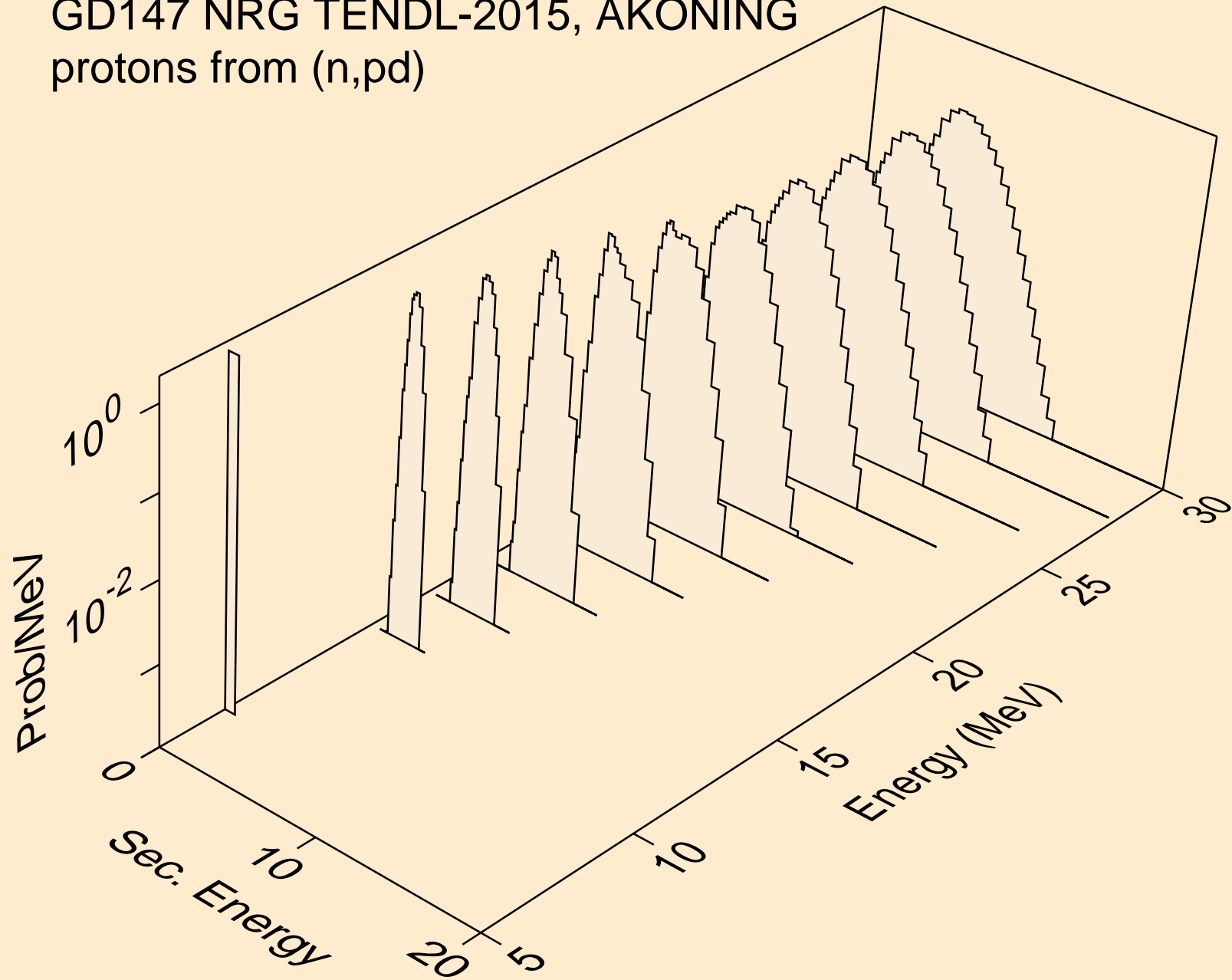
GD147 NRG TENDL-2015, AKONING  
protons from (n,2p)



GD147 NRG TENDL-2015, AKONING  
protons from (n,pa)

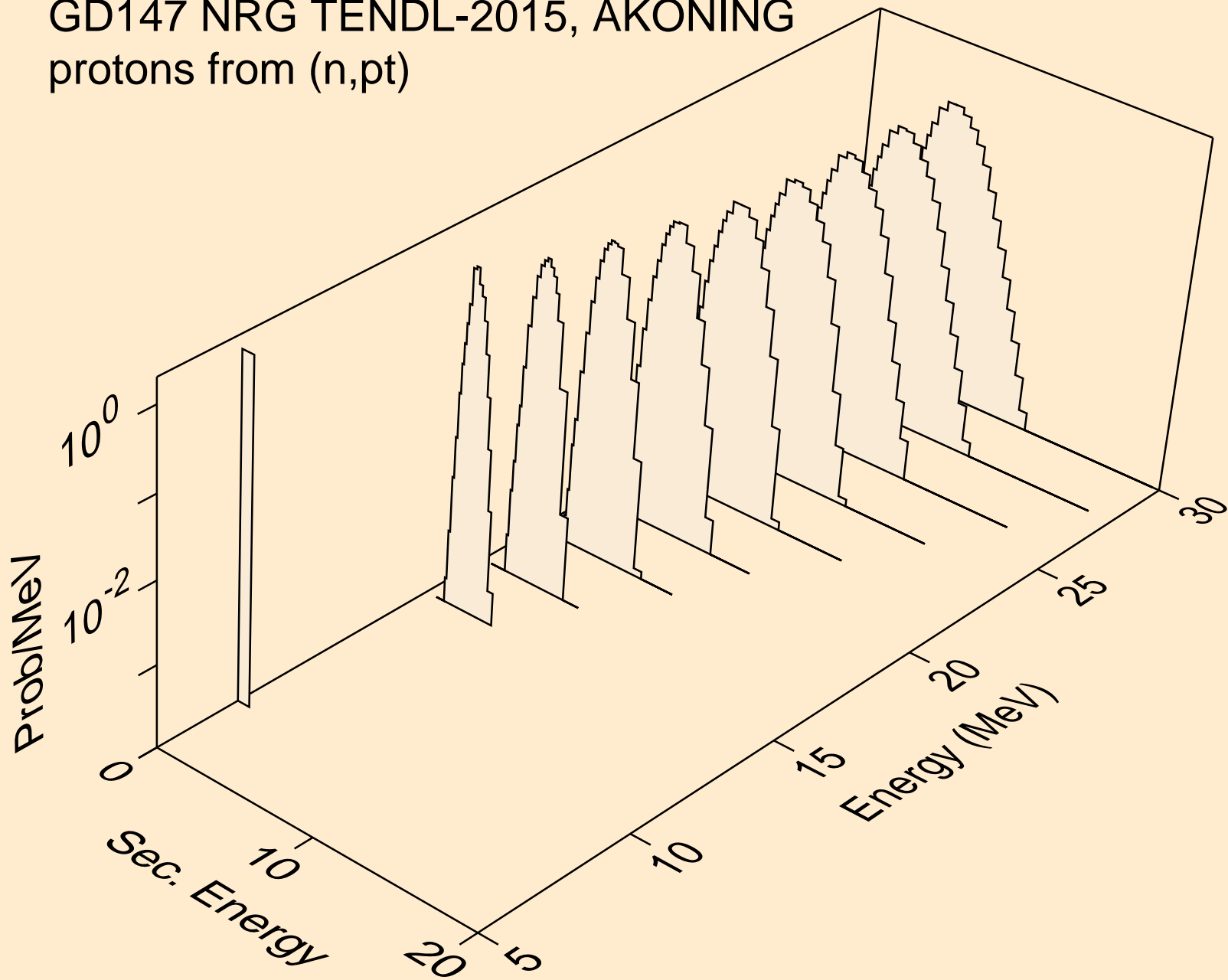


GD147 NRG TENDL-2015, AKONING  
protons from (n,pd)

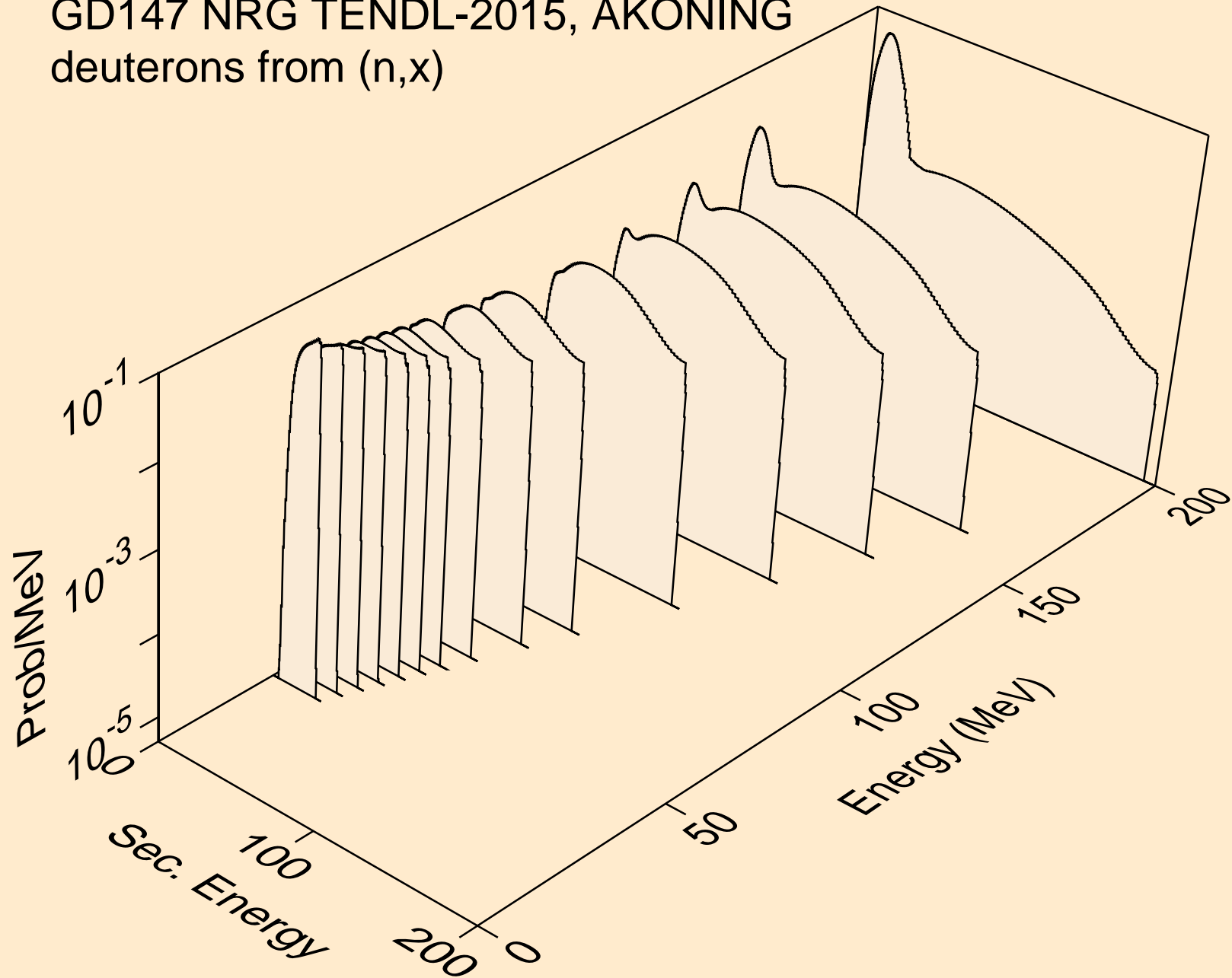




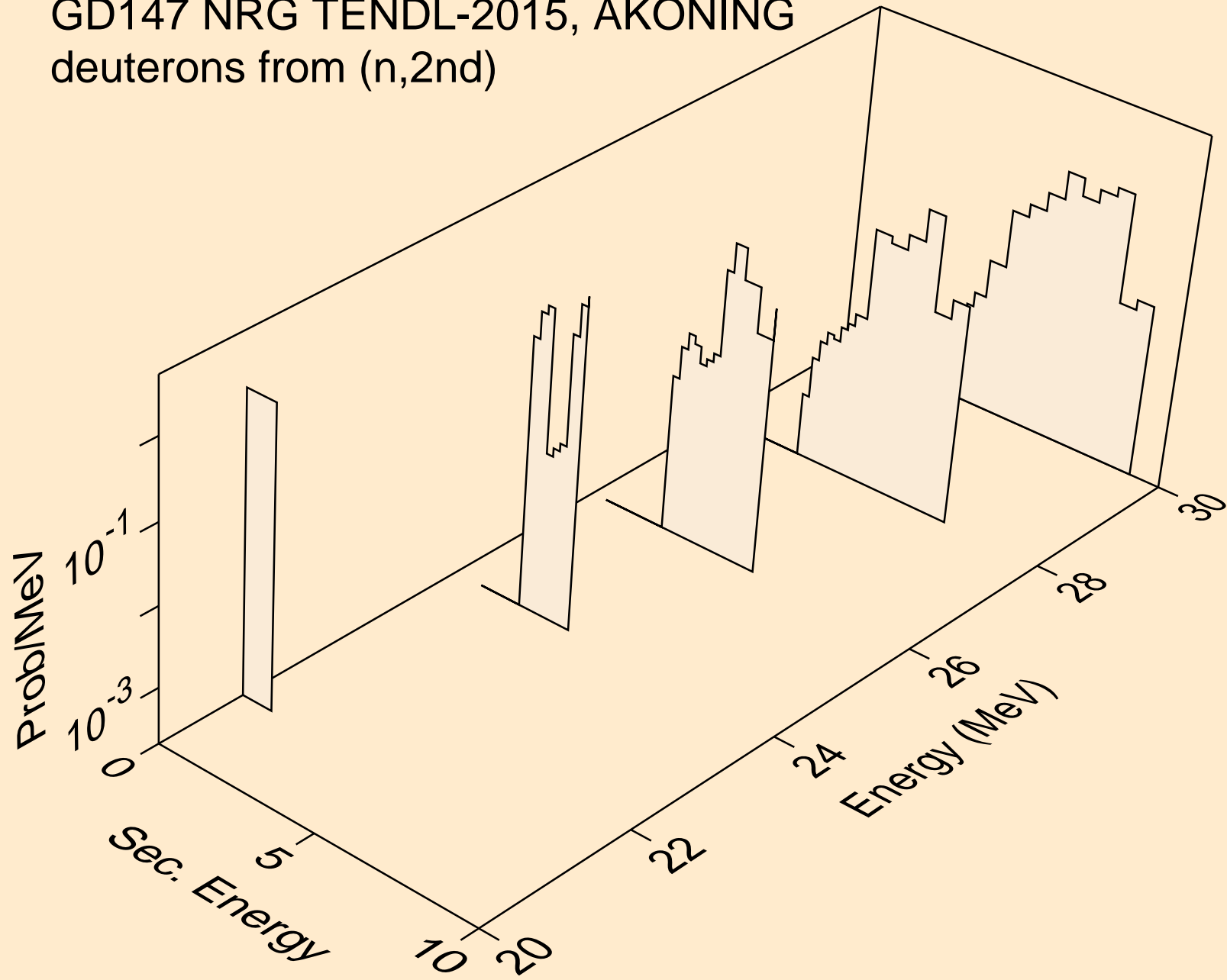
GD147 NRG TENDL-2015, AKONING  
protons from (n,pt)



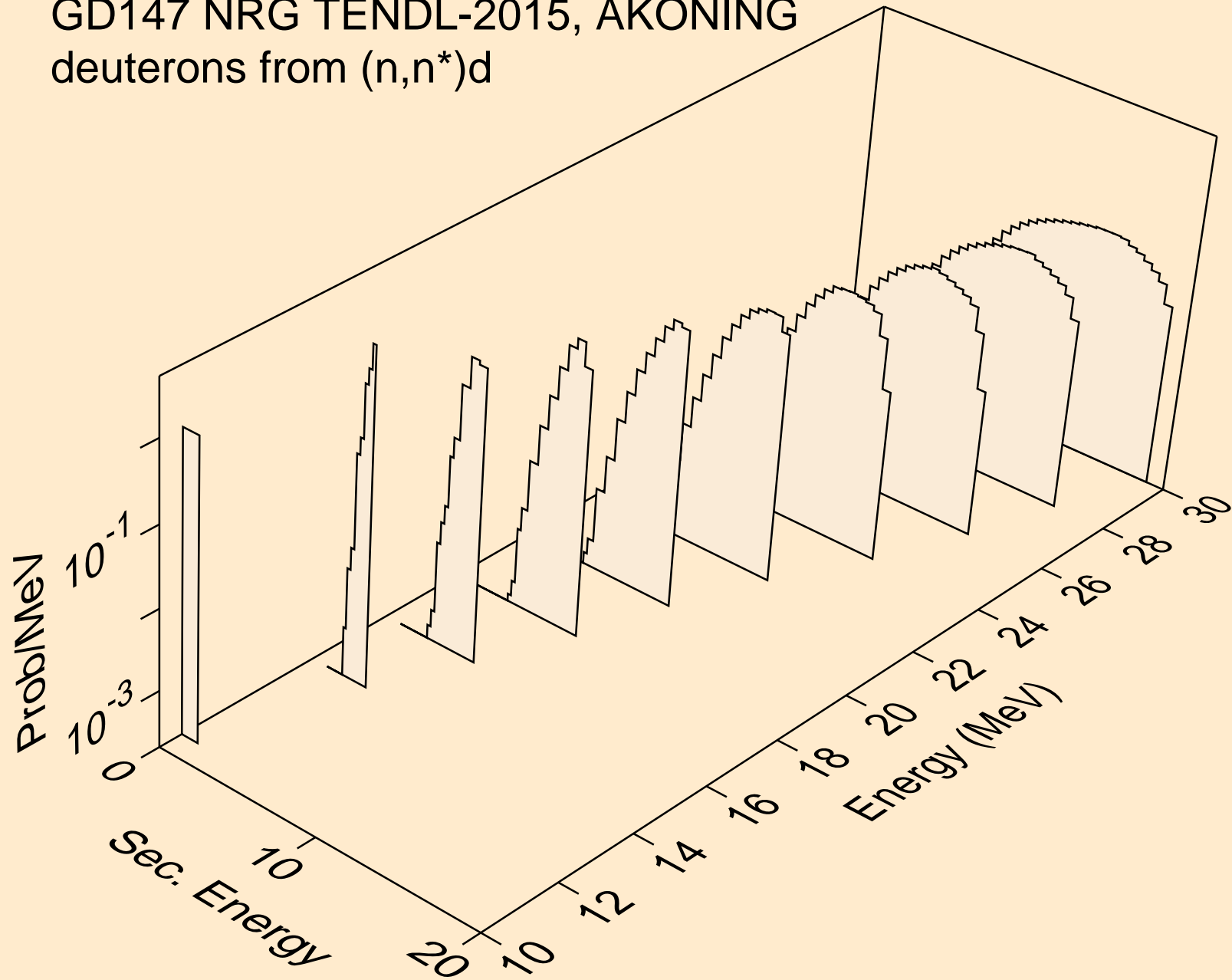
GD147 NRG TENDL-2015, AKONING  
deuterons from (n,x)



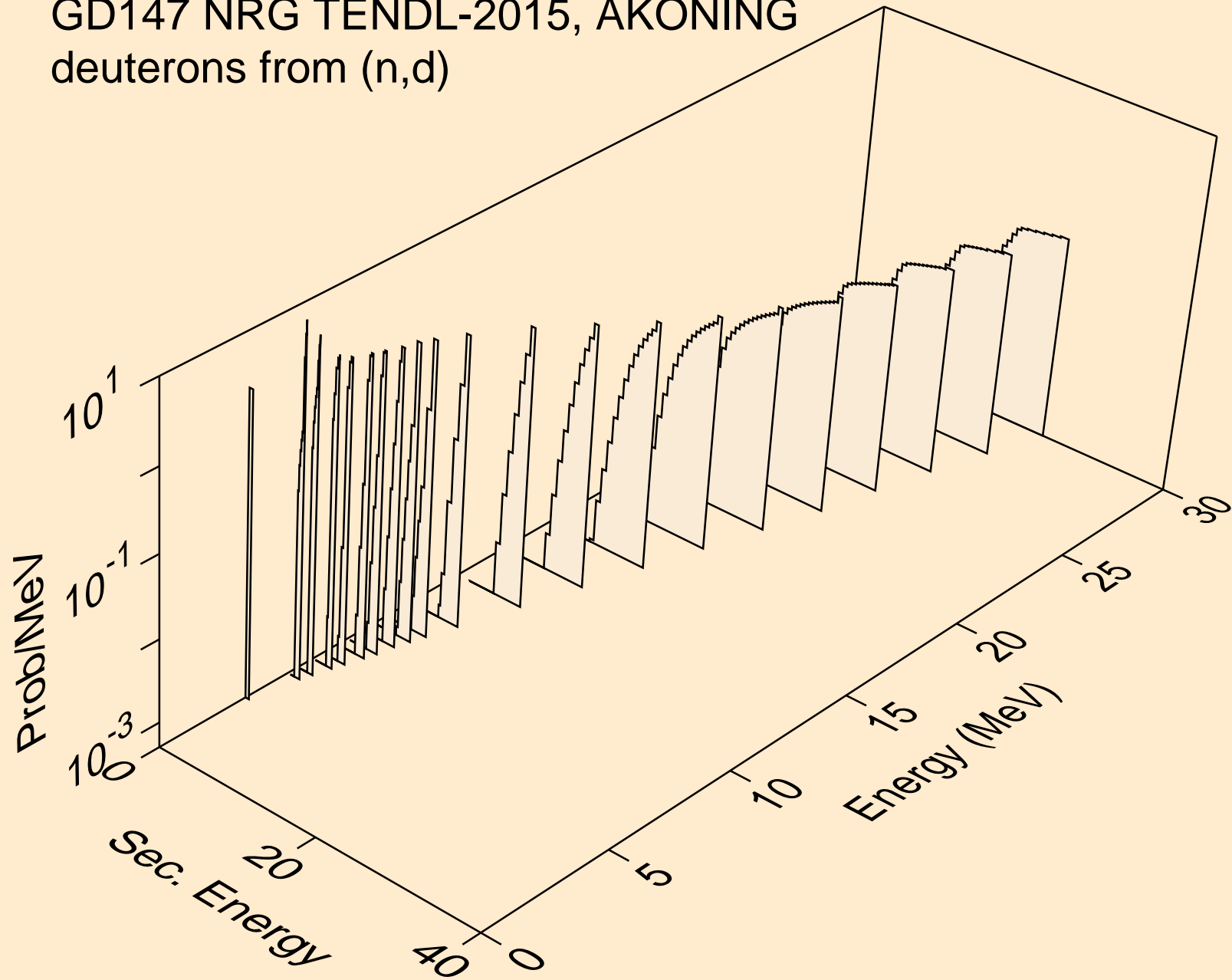
GD147 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



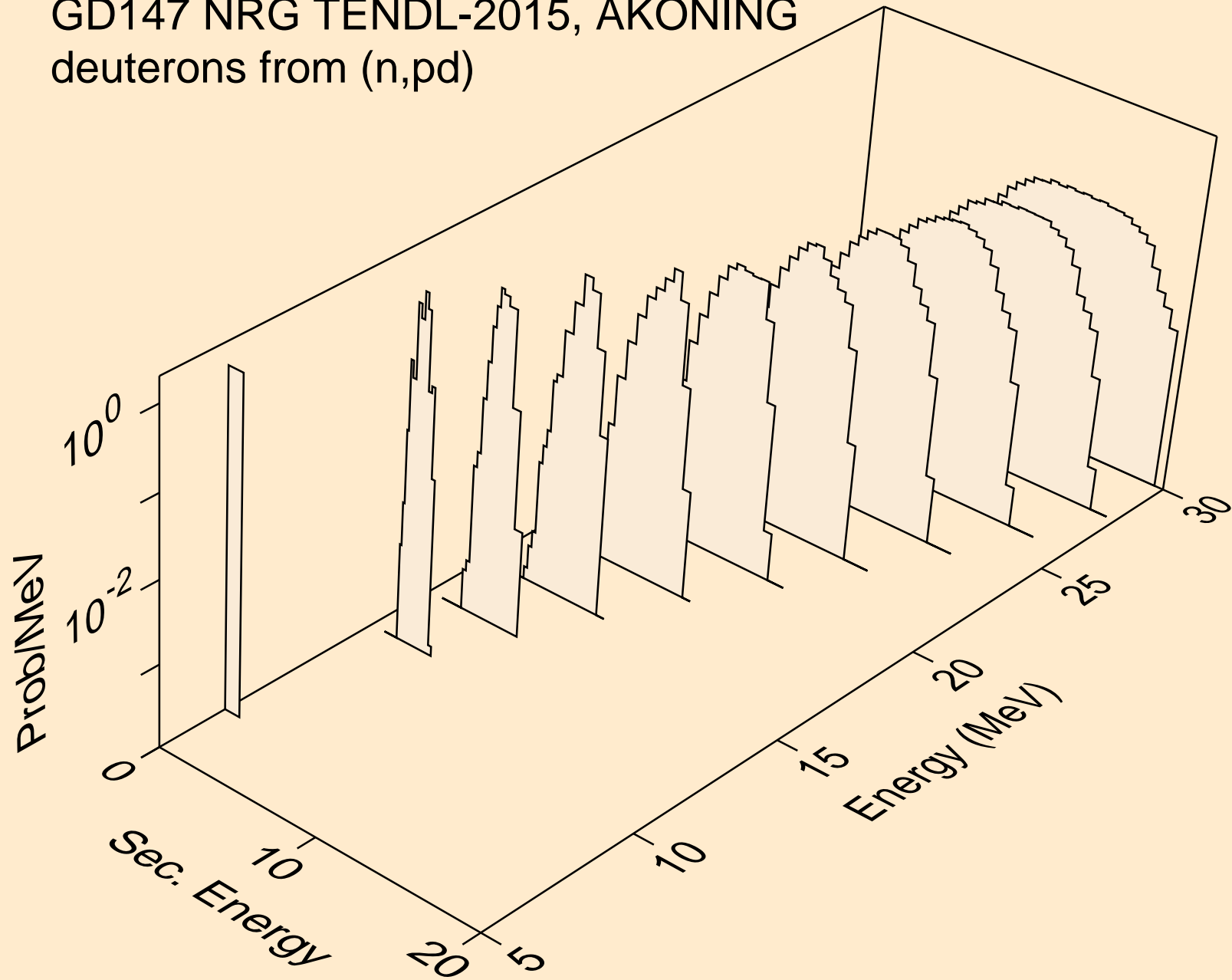
GD147 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



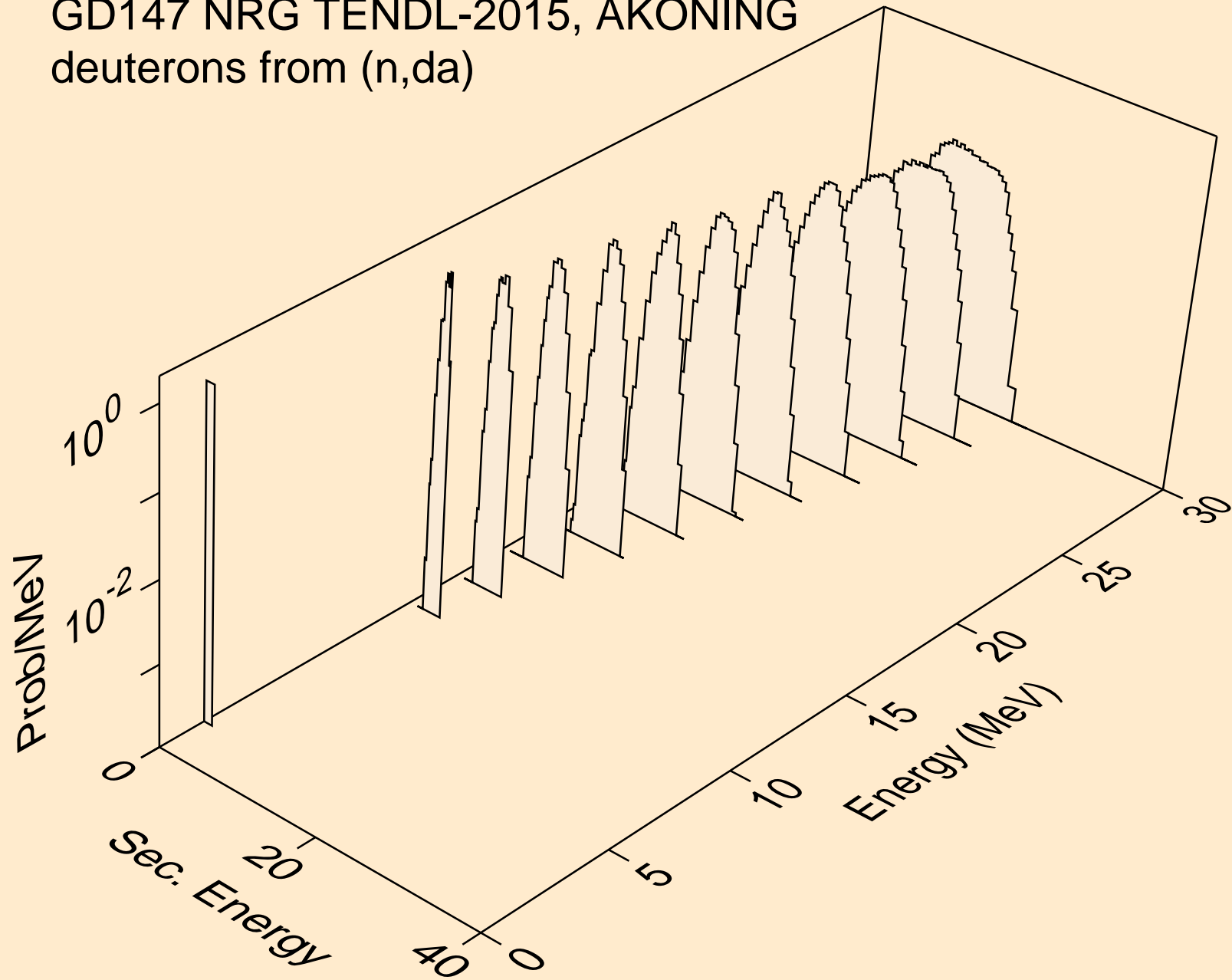
GD147 NRG TENDL-2015, AKONING  
deuterons from (n,d)



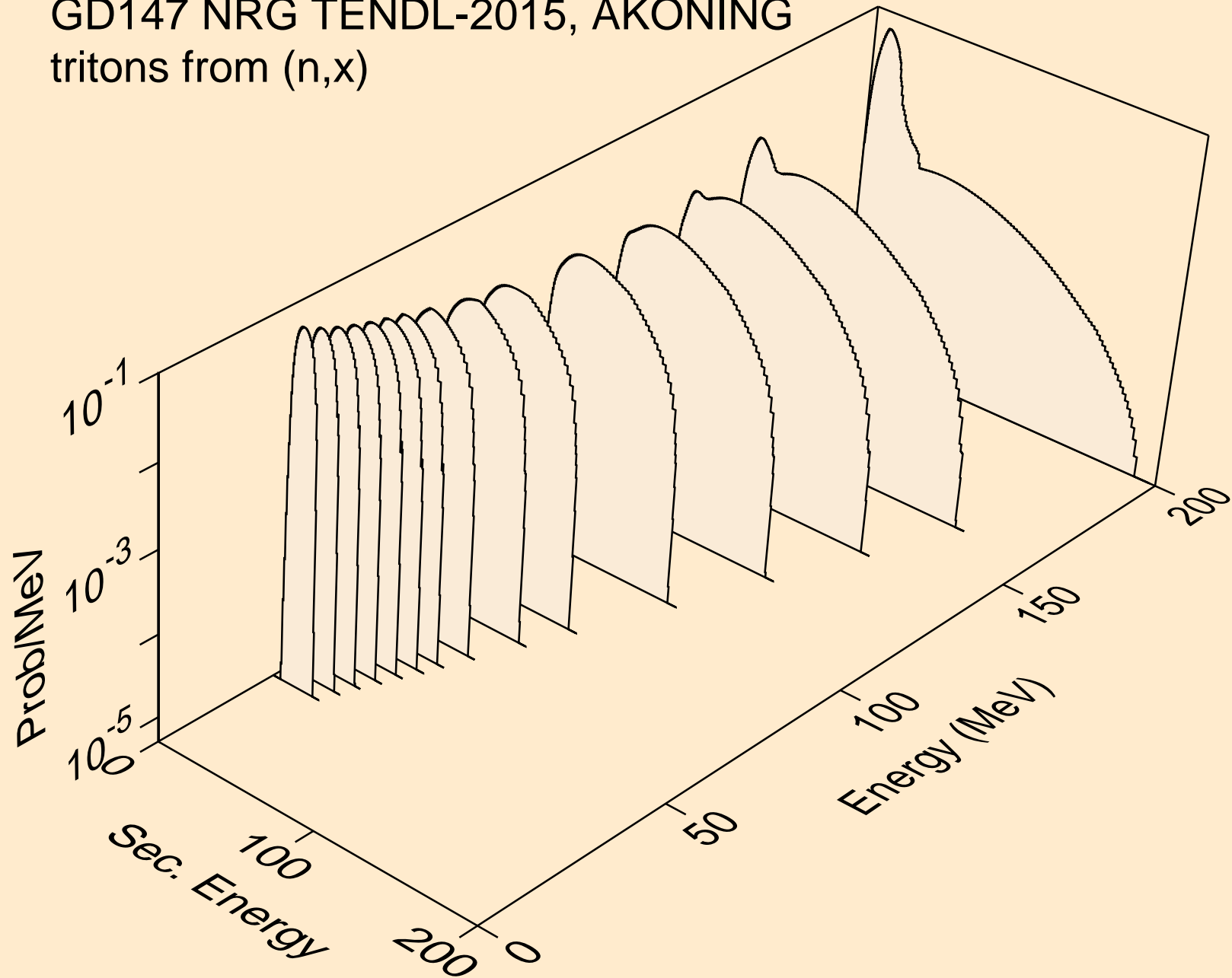
GD147 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



GD147 NRG TENDL-2015, AKONING  
deuterons from (n,da)

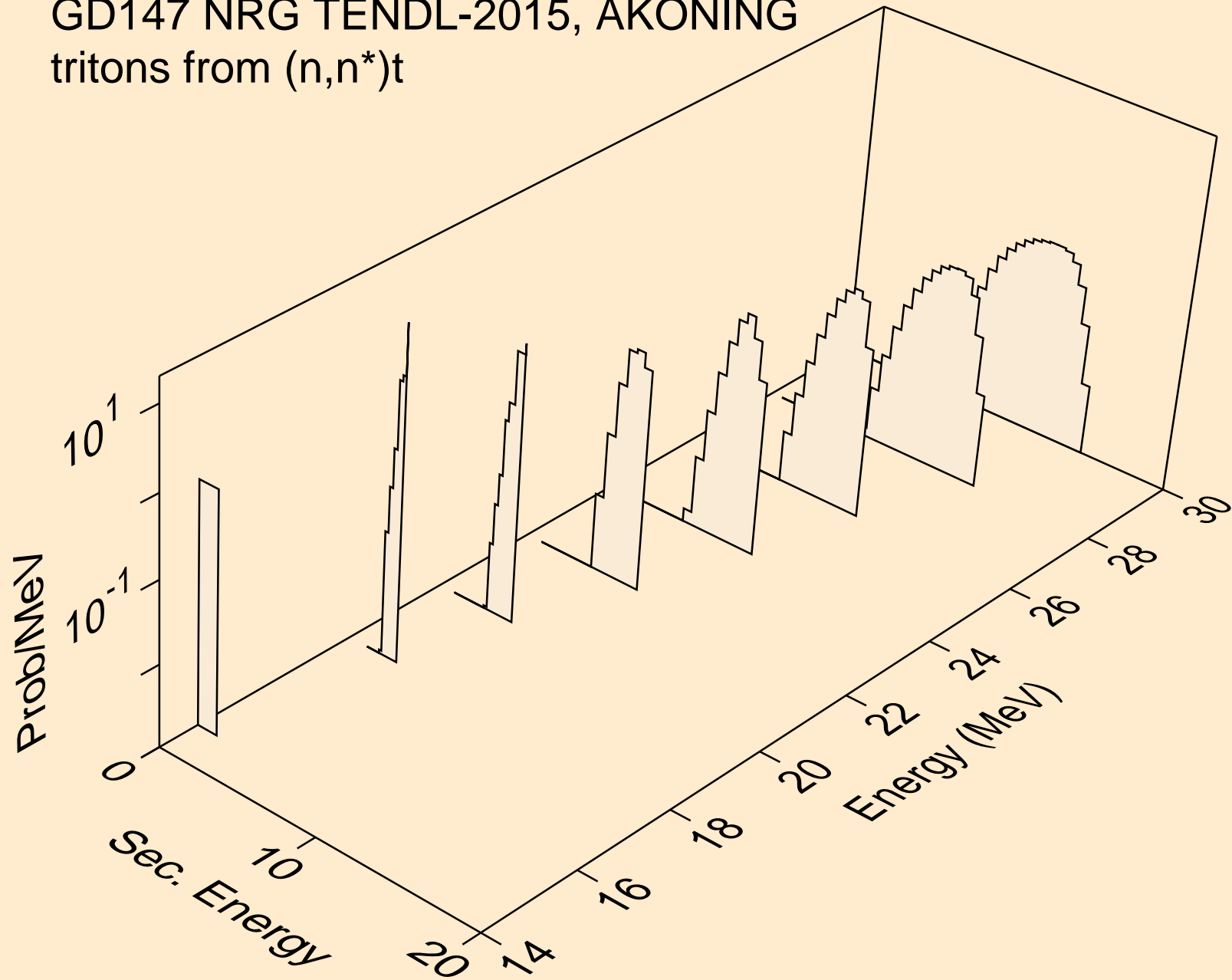


GD147 NRG TENDL-2015, AKONING  
tritons from (n,x)

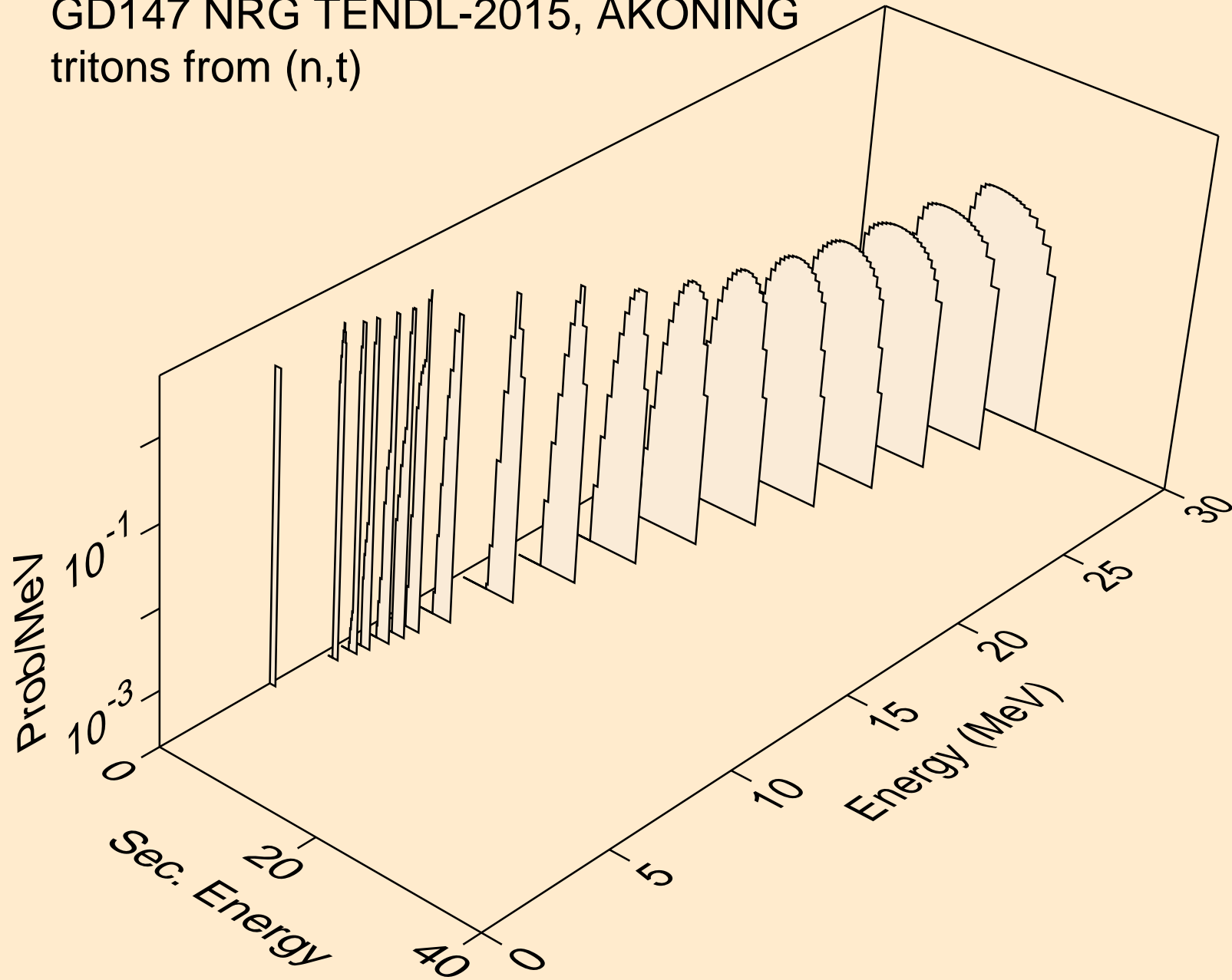




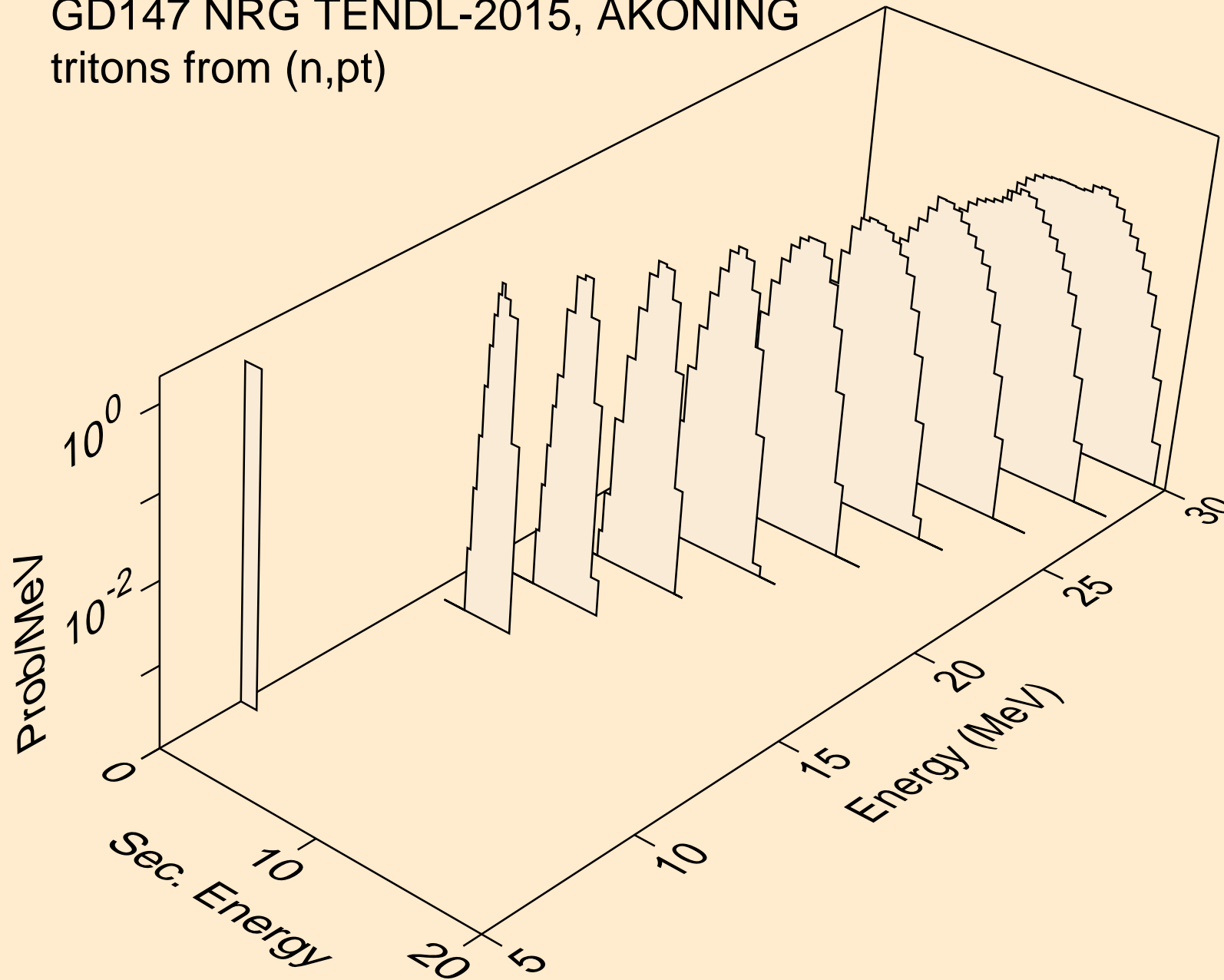
GD147 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



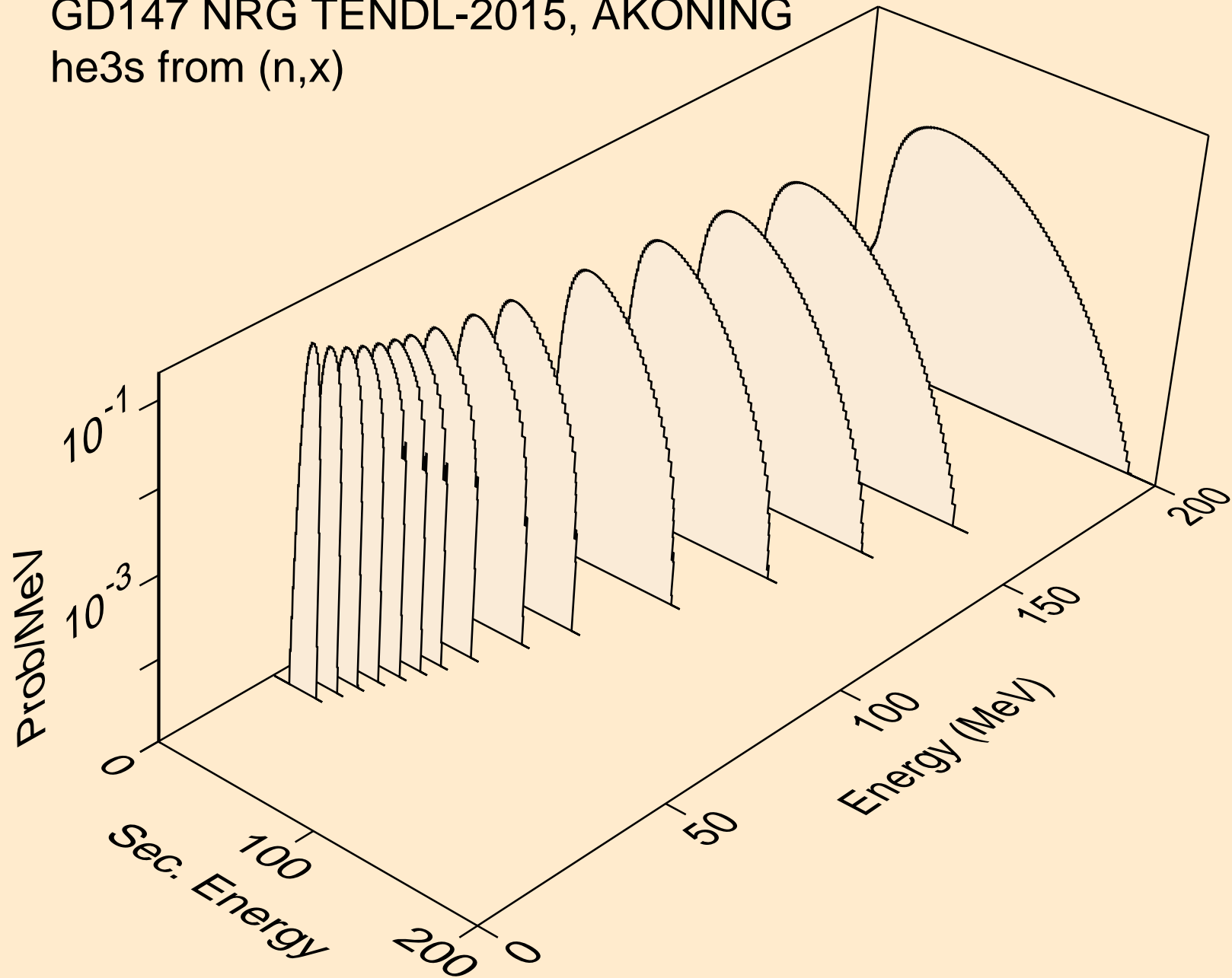
GD147 NRG TENDL-2015, AKONING  
tritons from (n,t)



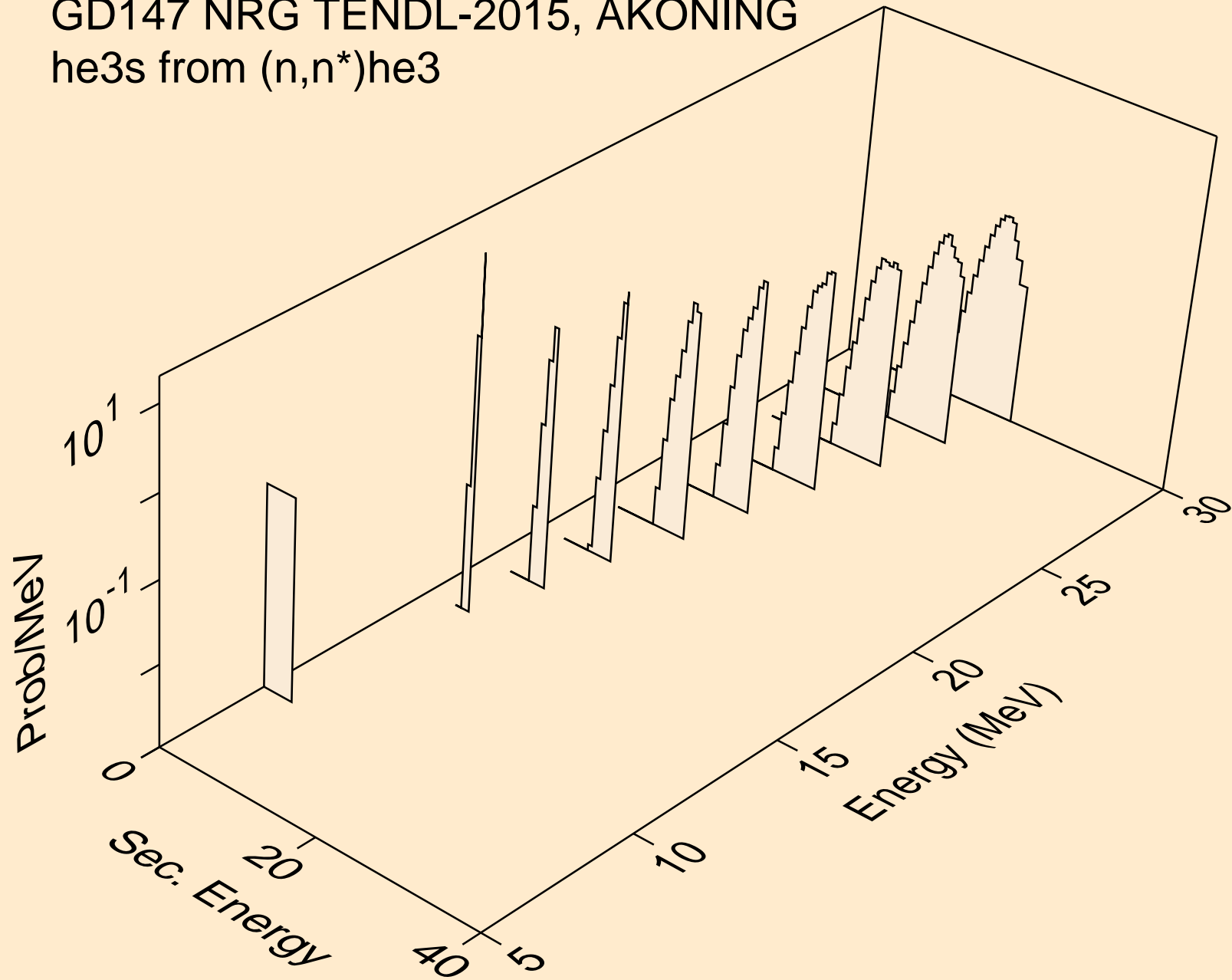
GD147 NRG TENDL-2015, AKONING  
tritons from (n,pt)



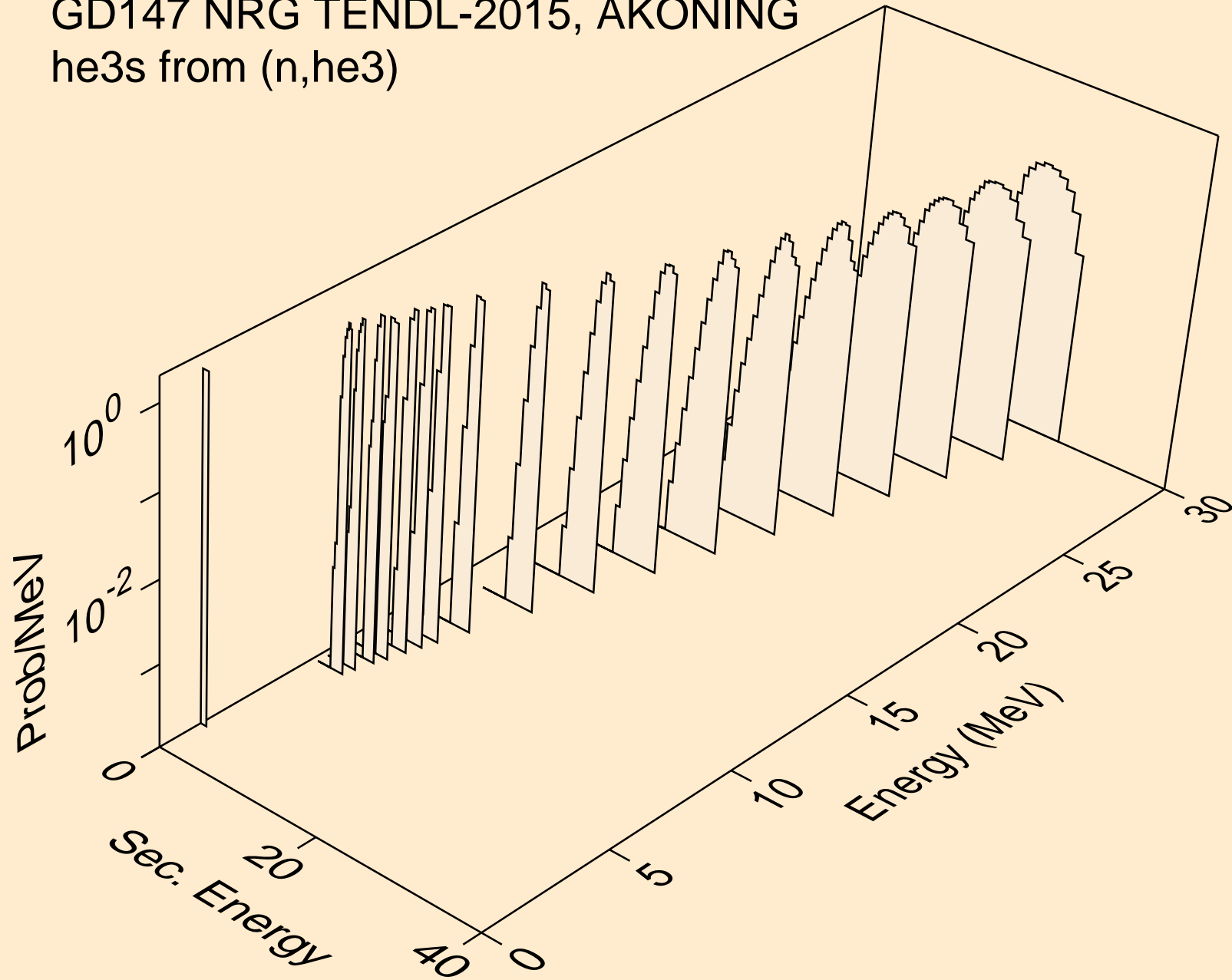
GD147 NRG TENDL-2015, AKONING  
he3s from (n,x)



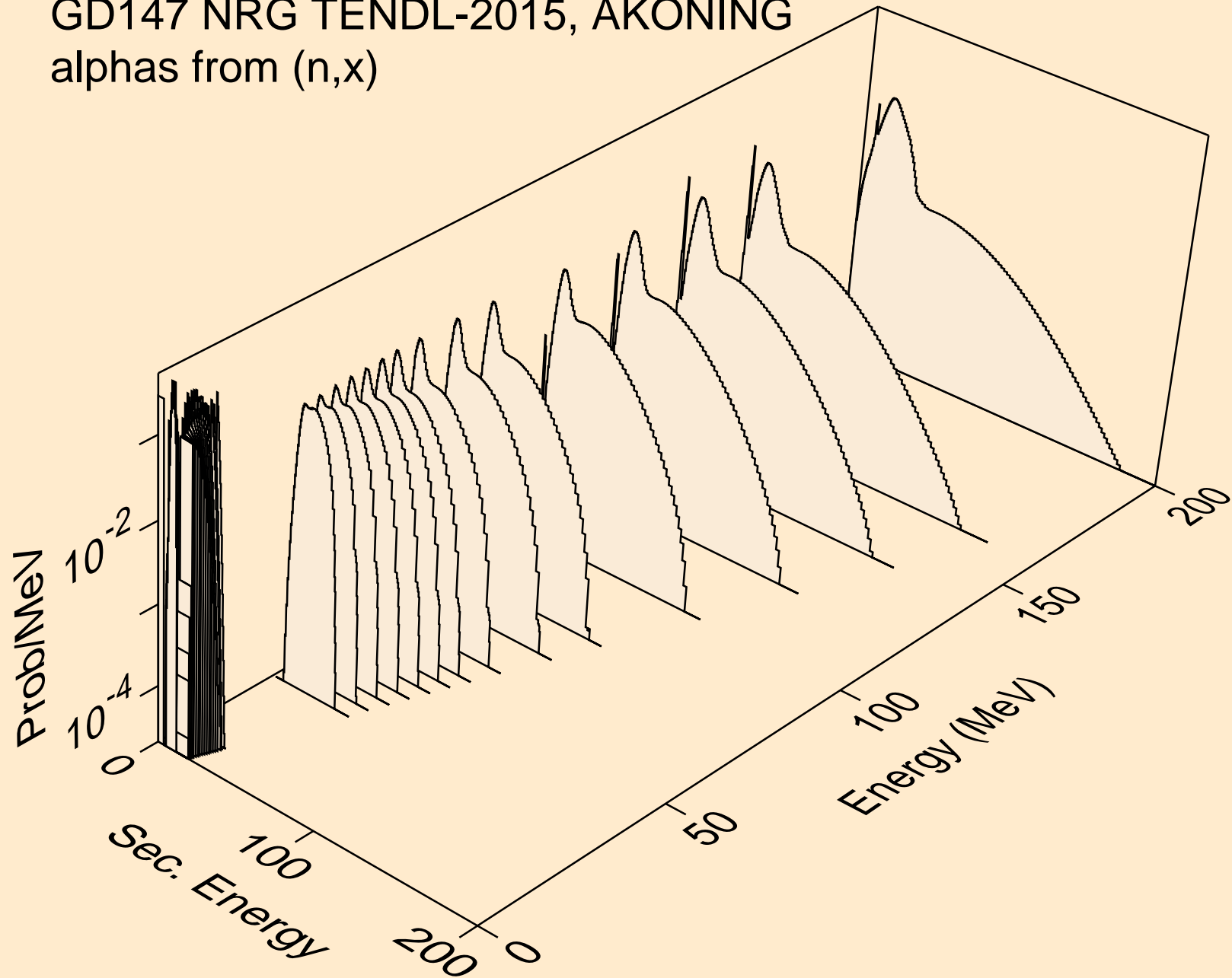
GD147 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



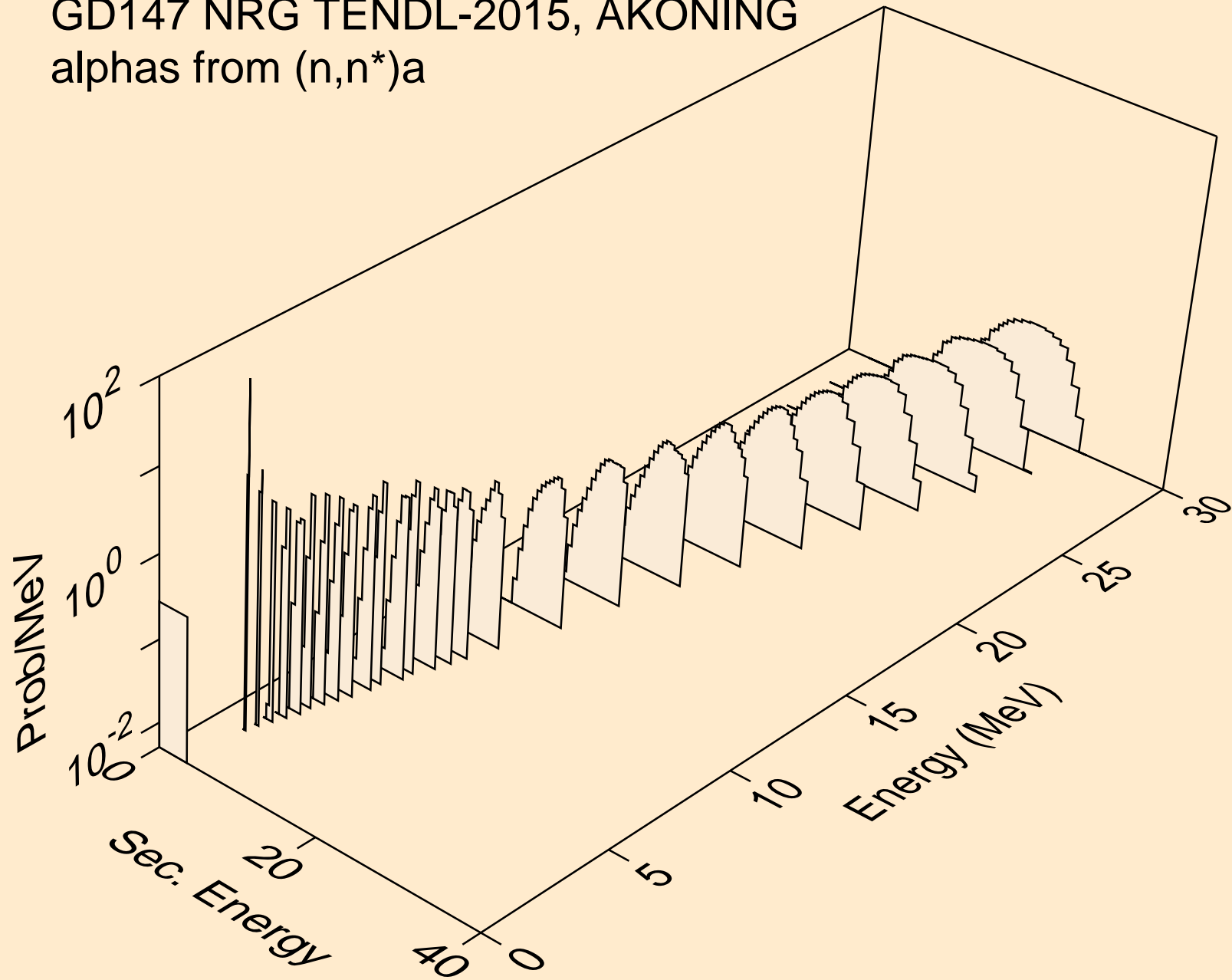
GD147 NRG TENDL-2015, AKONING  
he3s from (n,he3)



GD147 NRG TENDL-2015, AKONING  
alphas from (n,x)

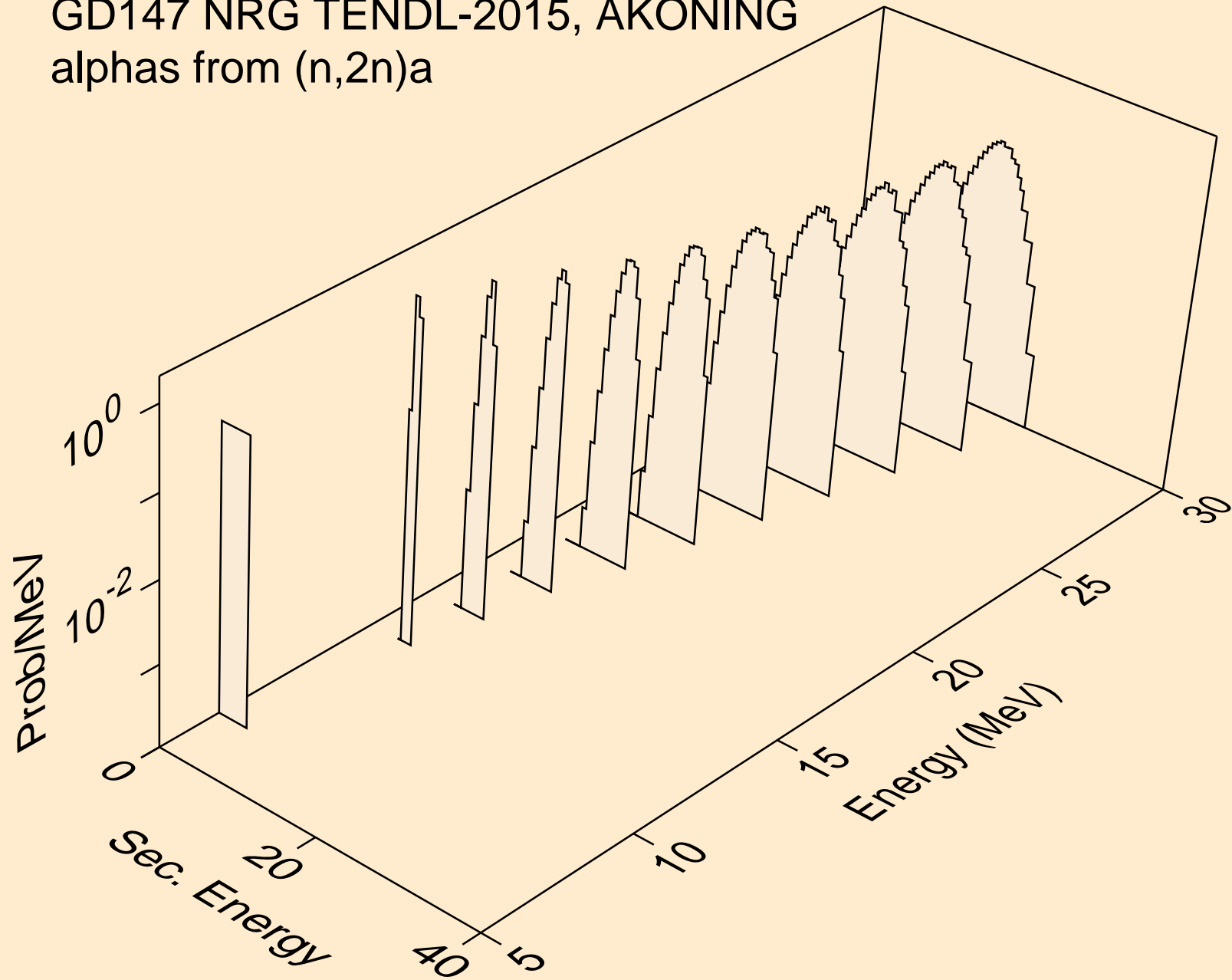


GD147 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

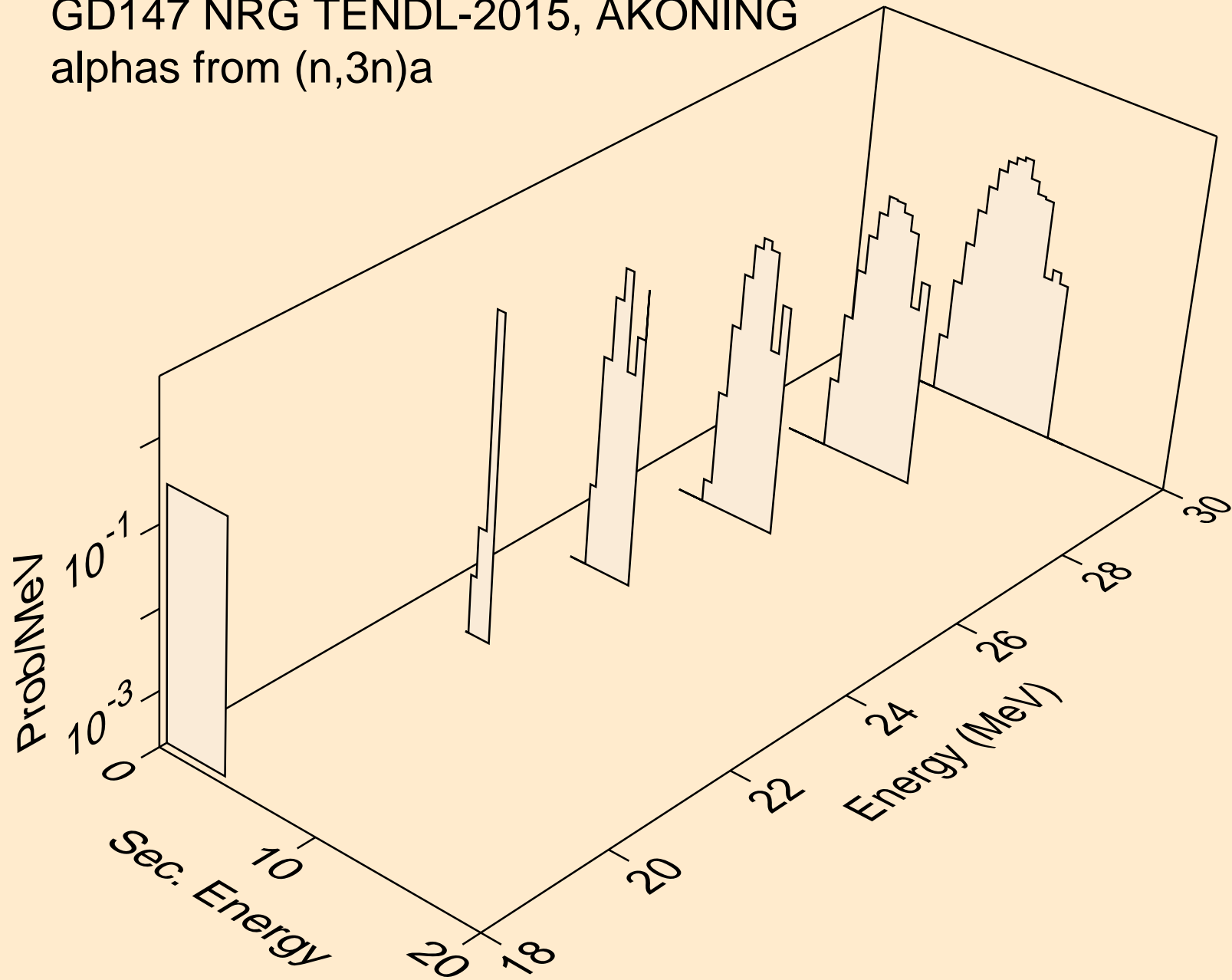




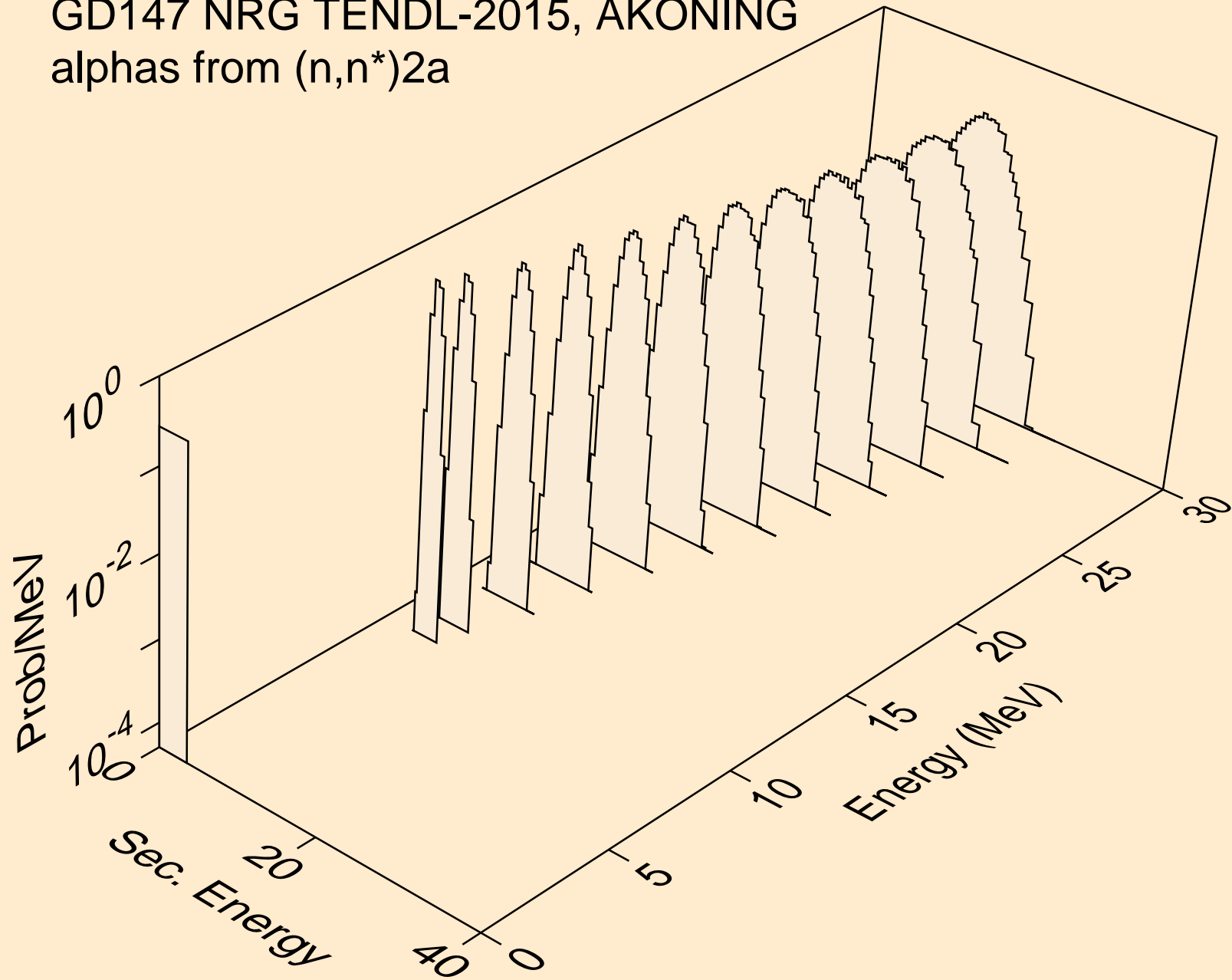
GD147 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



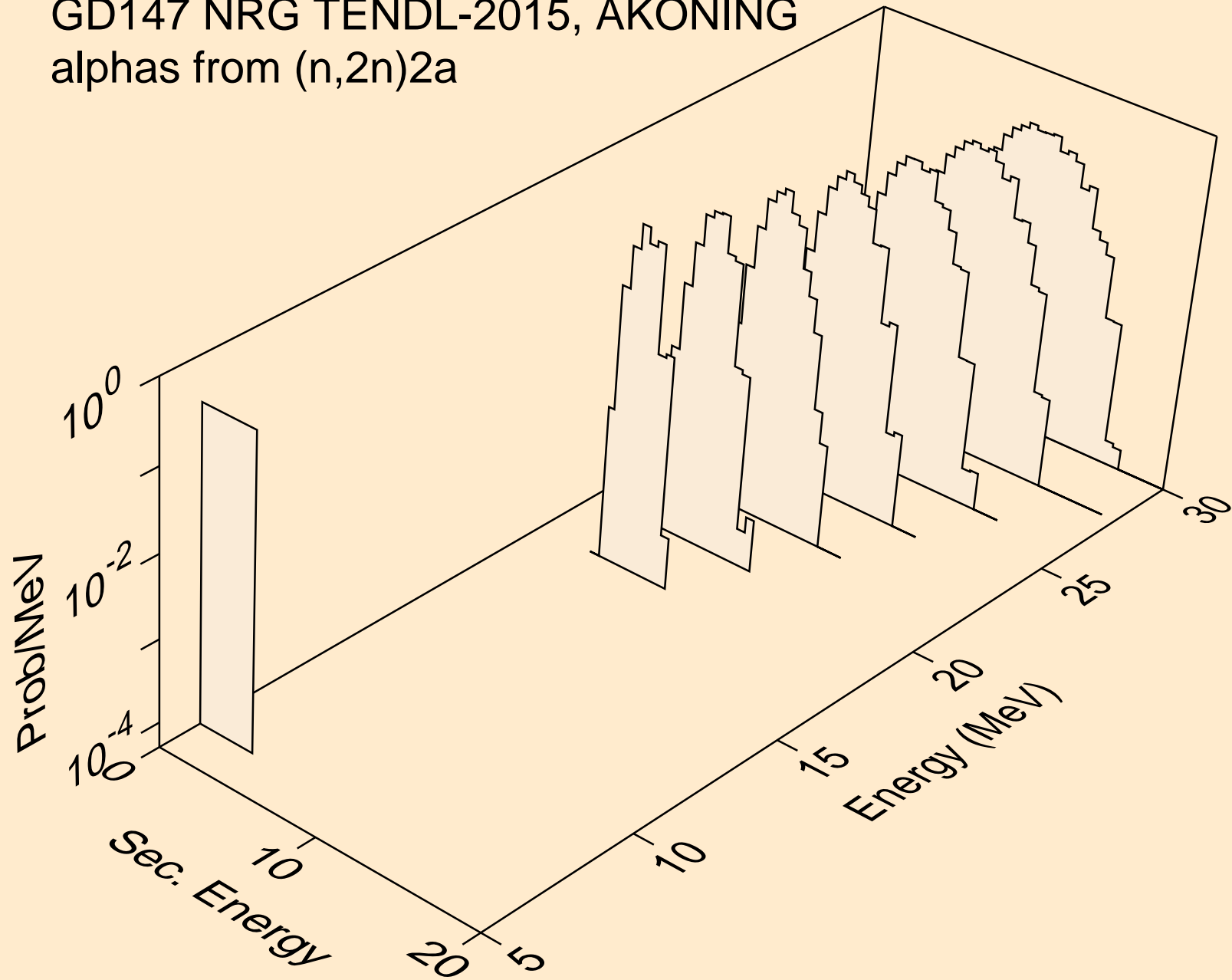
GD147 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



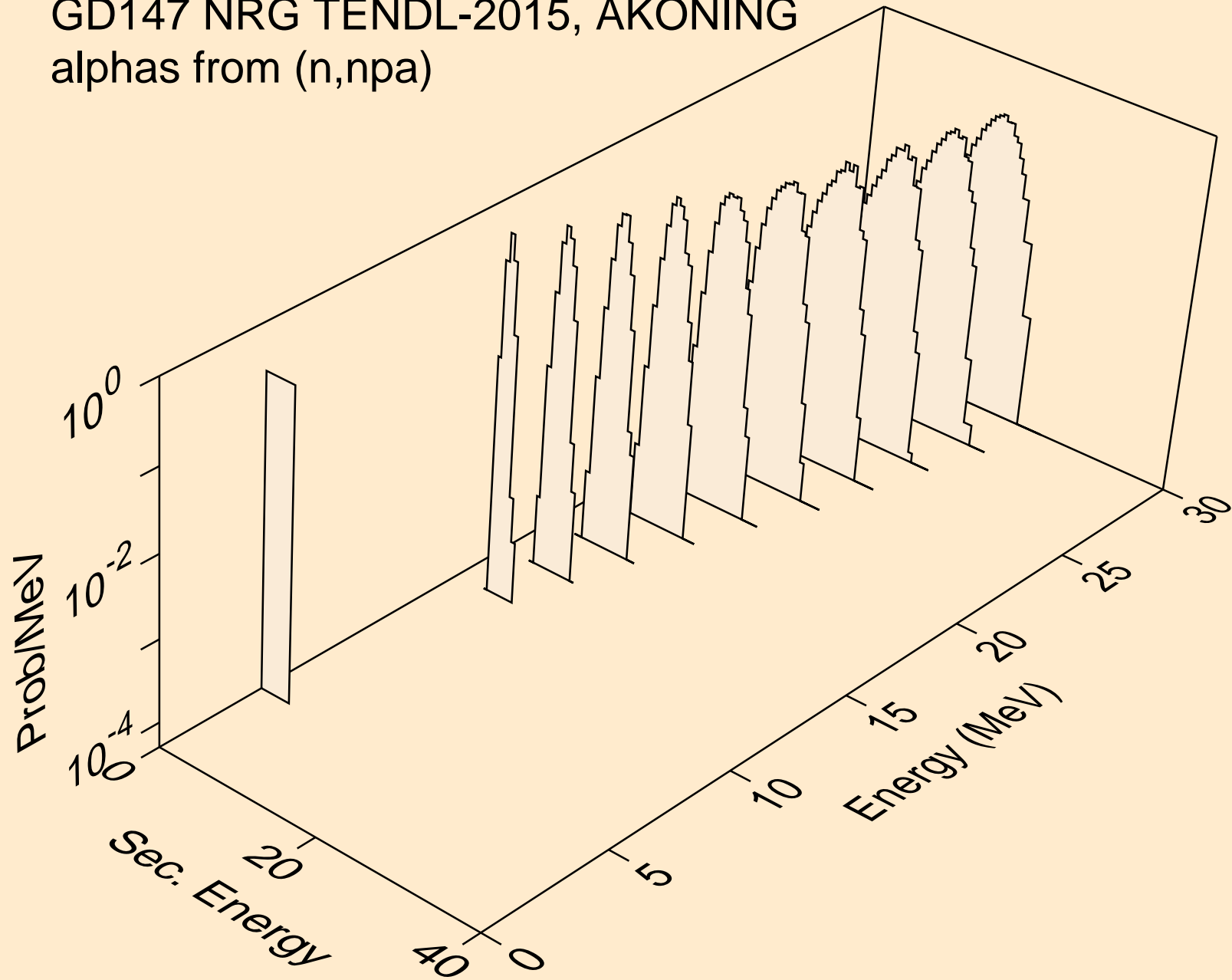
GD147 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



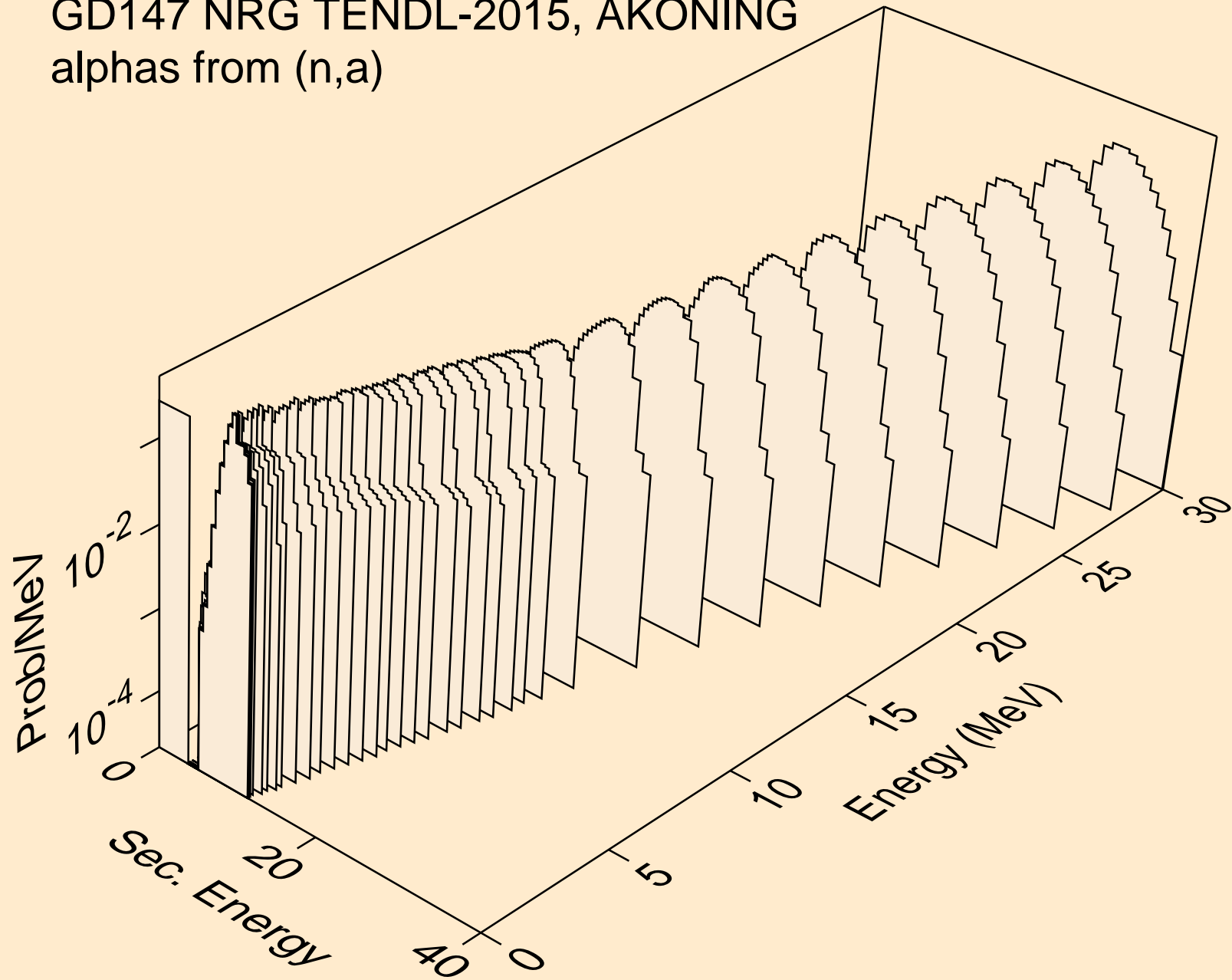
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alphas from (n,2n)2a



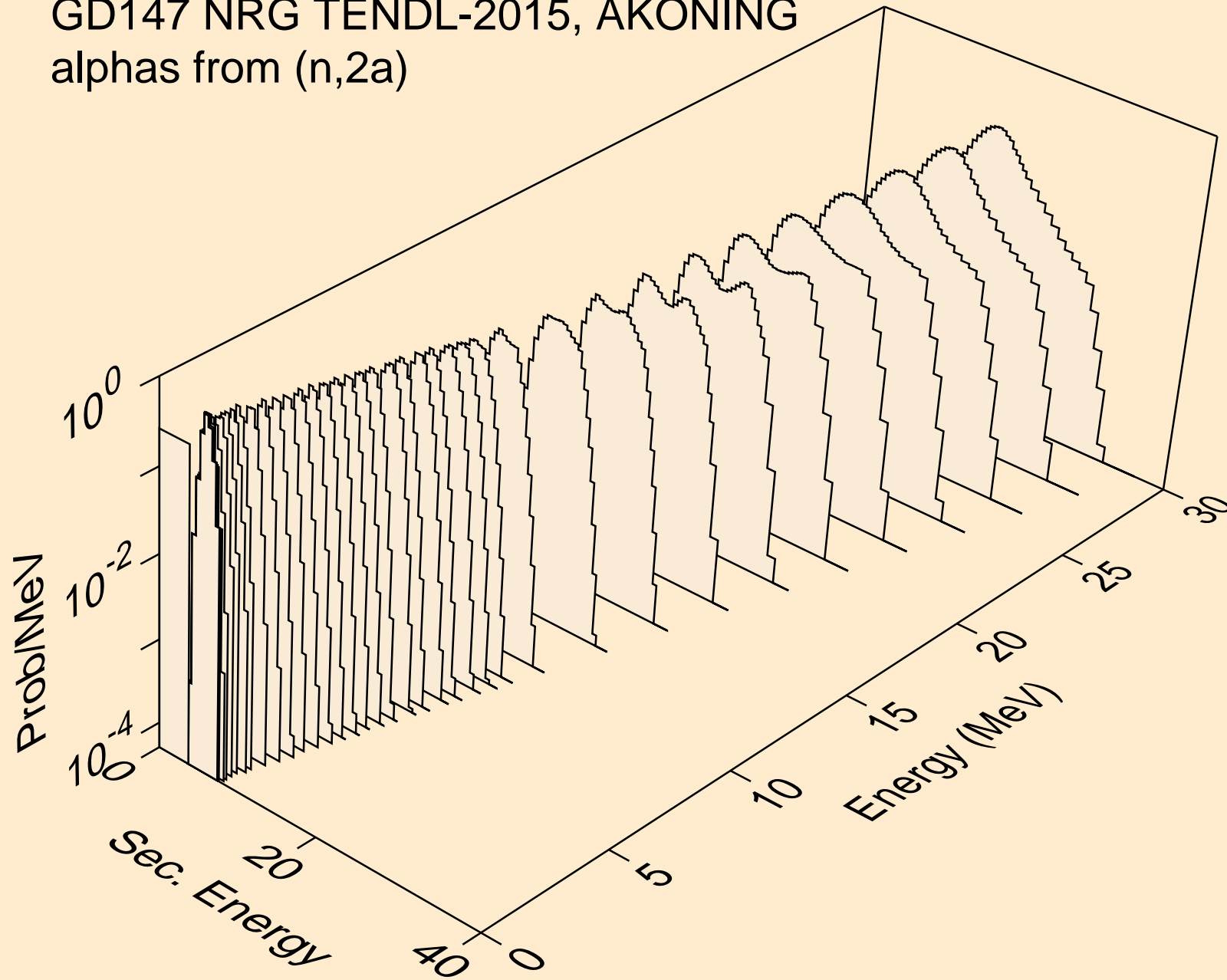
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alphas from (n,npa)



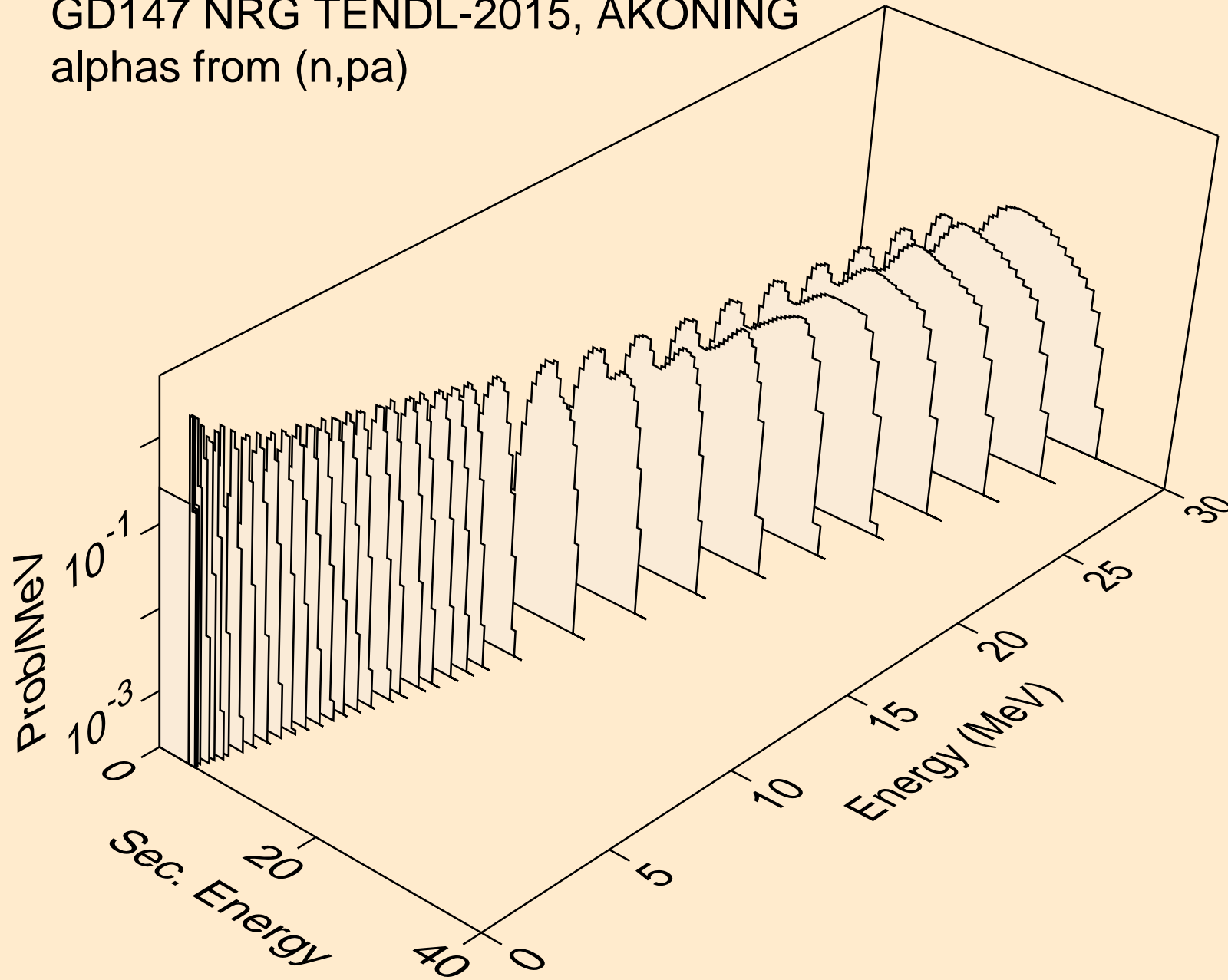
GD147 NRG TENDL-2015, AKONING  
alphas from (n,a)



GD147 NRG TENDL-2015, AKONING  
alphas from (n,2a)



GD147 NRG TENDL-2015, AKONING  
alphas from (n,pa)





GD147 NRG TENDL-2015, AKONING  
alphas from (n,da)

