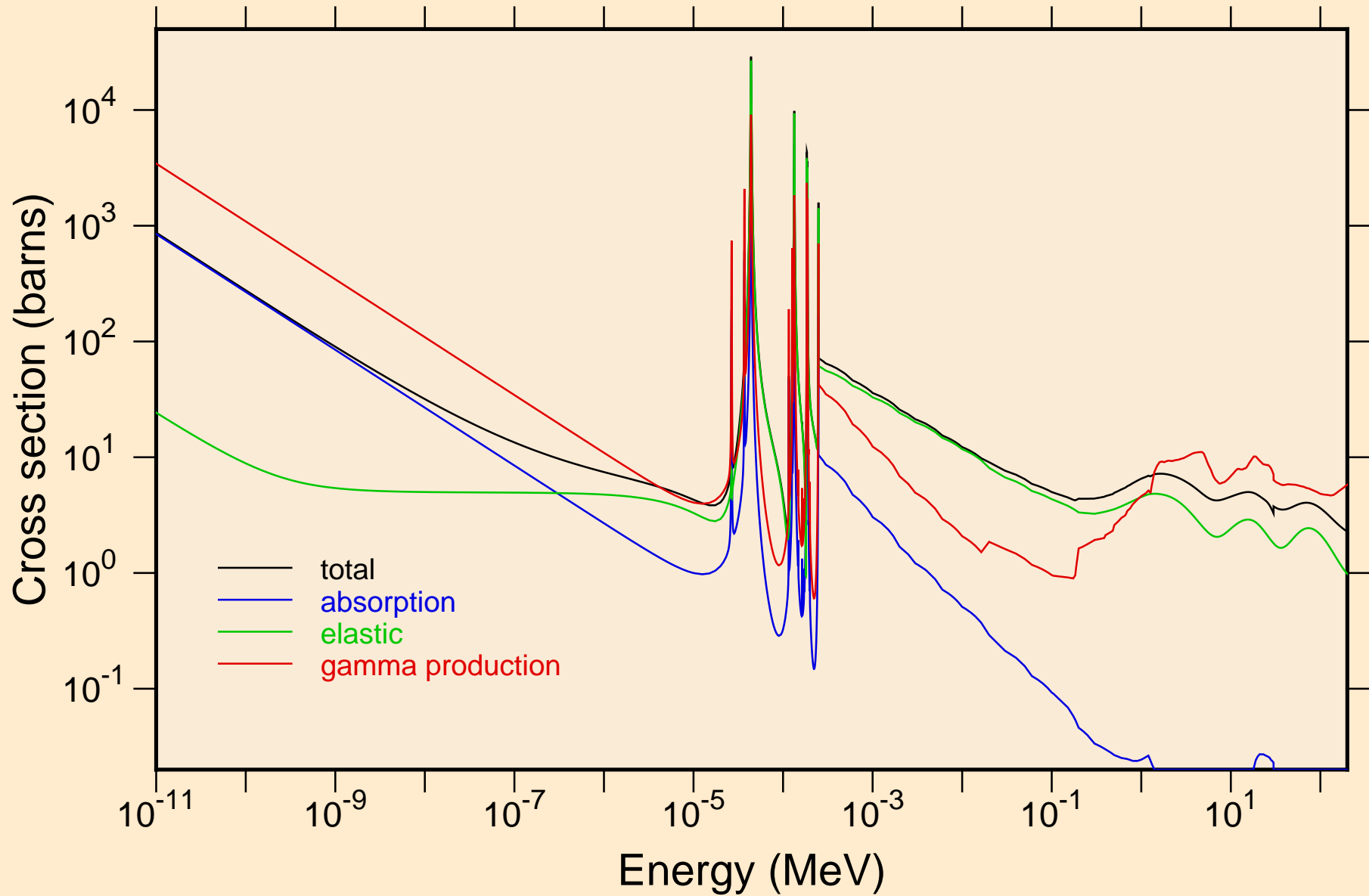
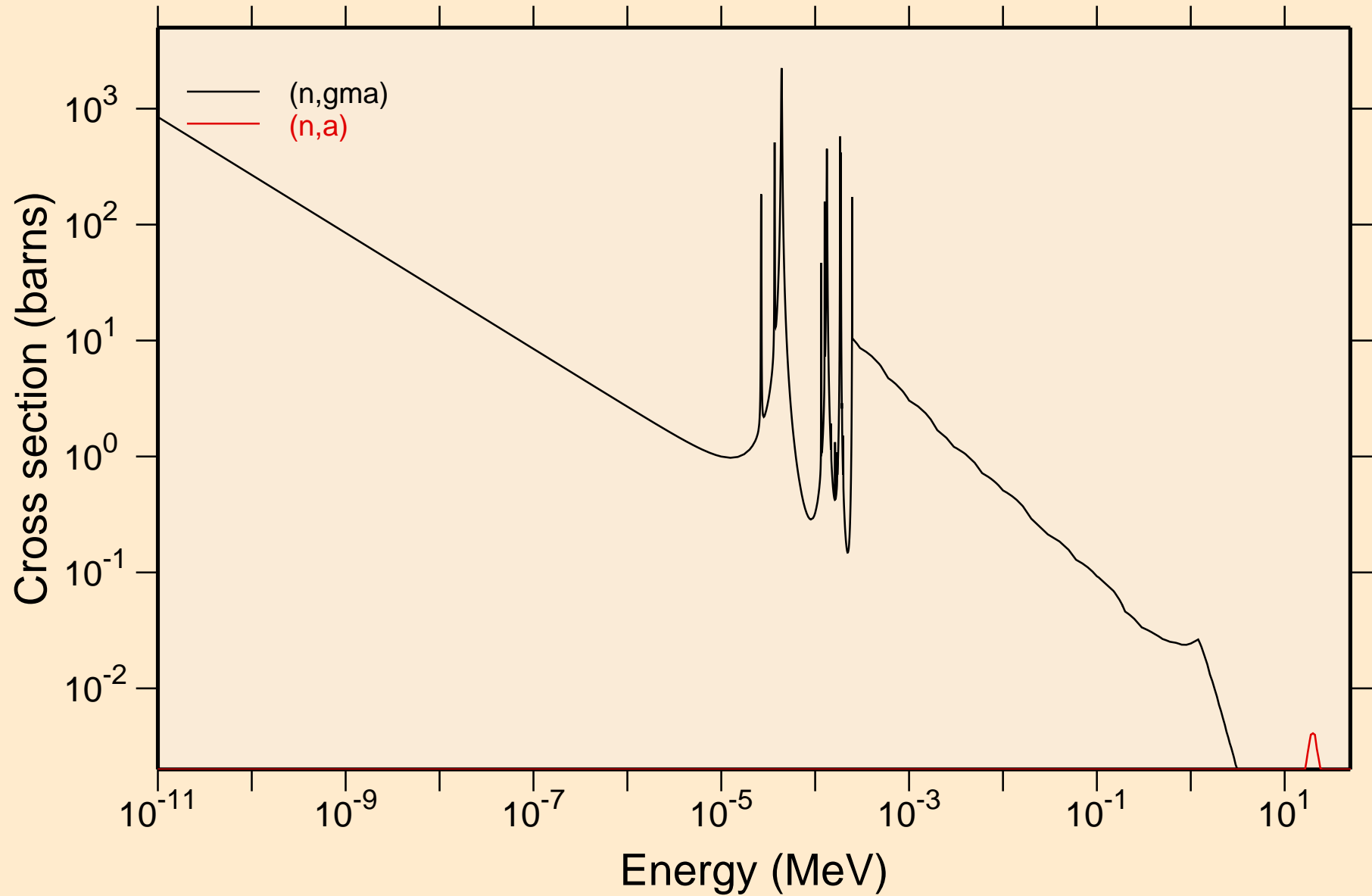


# LA144 NRG TENDL-2015, AKONING

## Principal cross sections

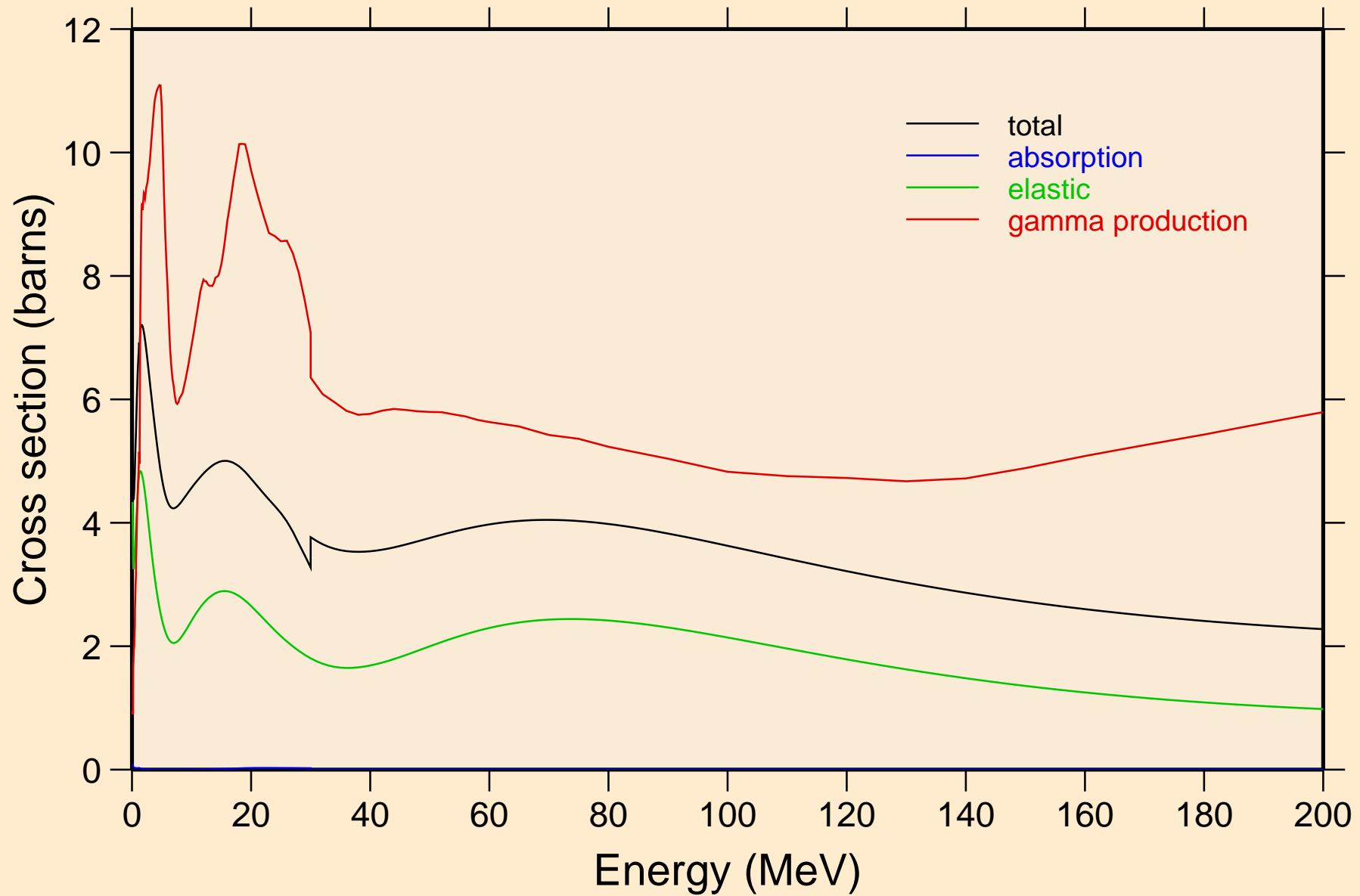


LA144 NRG TENDL-2015, AKONING  
Non-threshold reactions

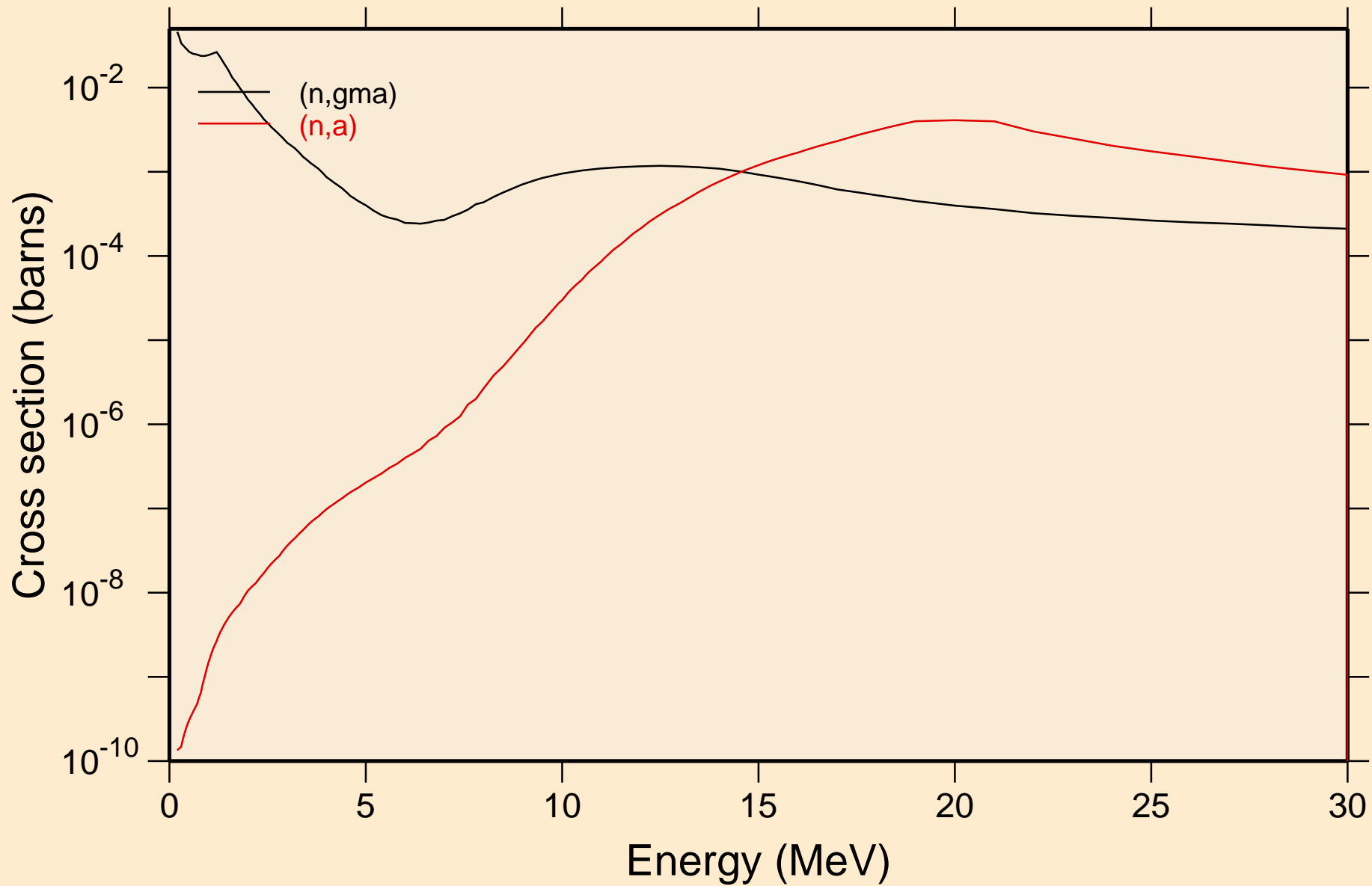


# LA144 NRG TENDL-2015, AKONING

## Principal cross sections

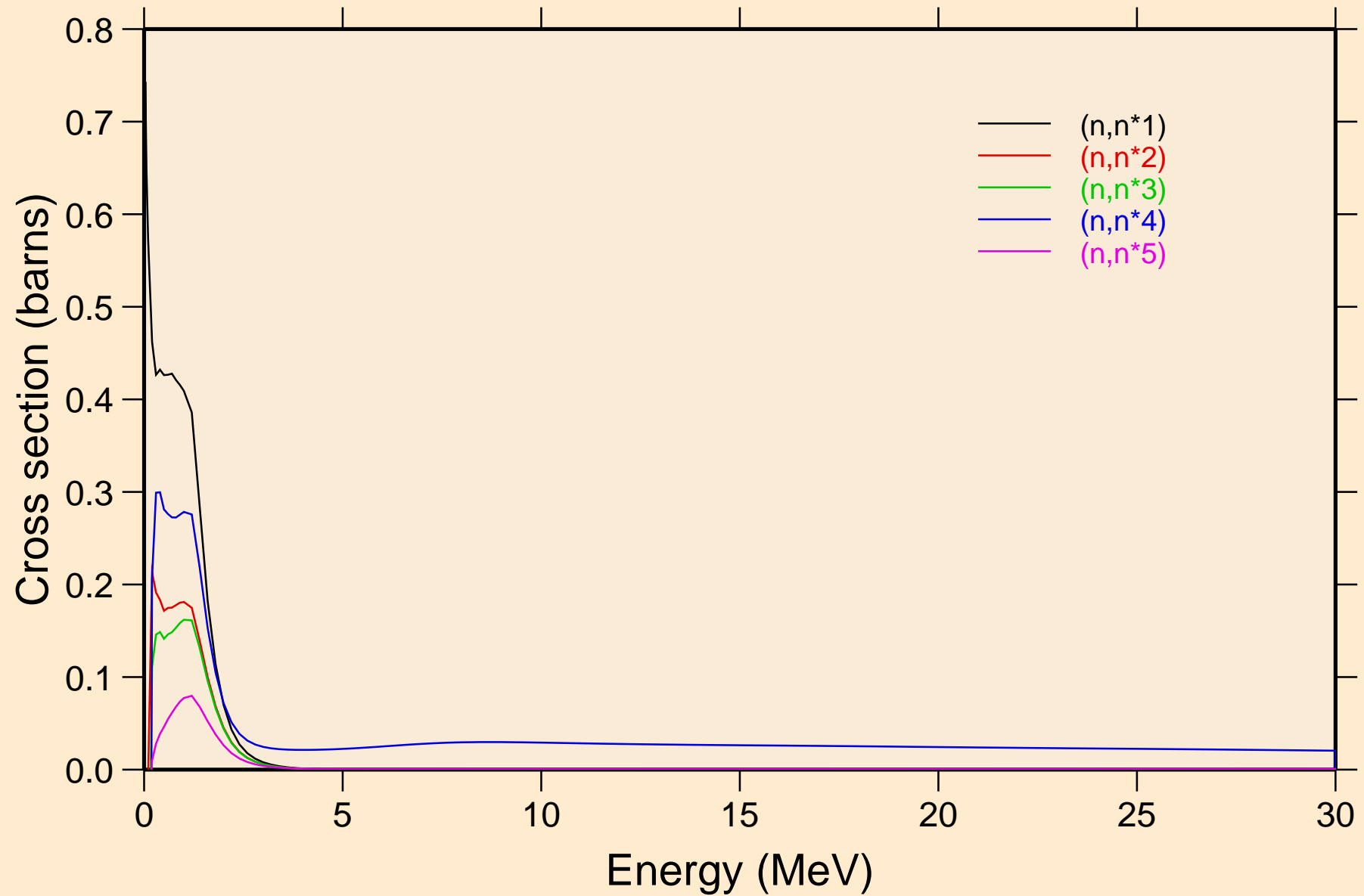


LA144 NRG TENDL-2015, AKONING  
Non-threshold reactions



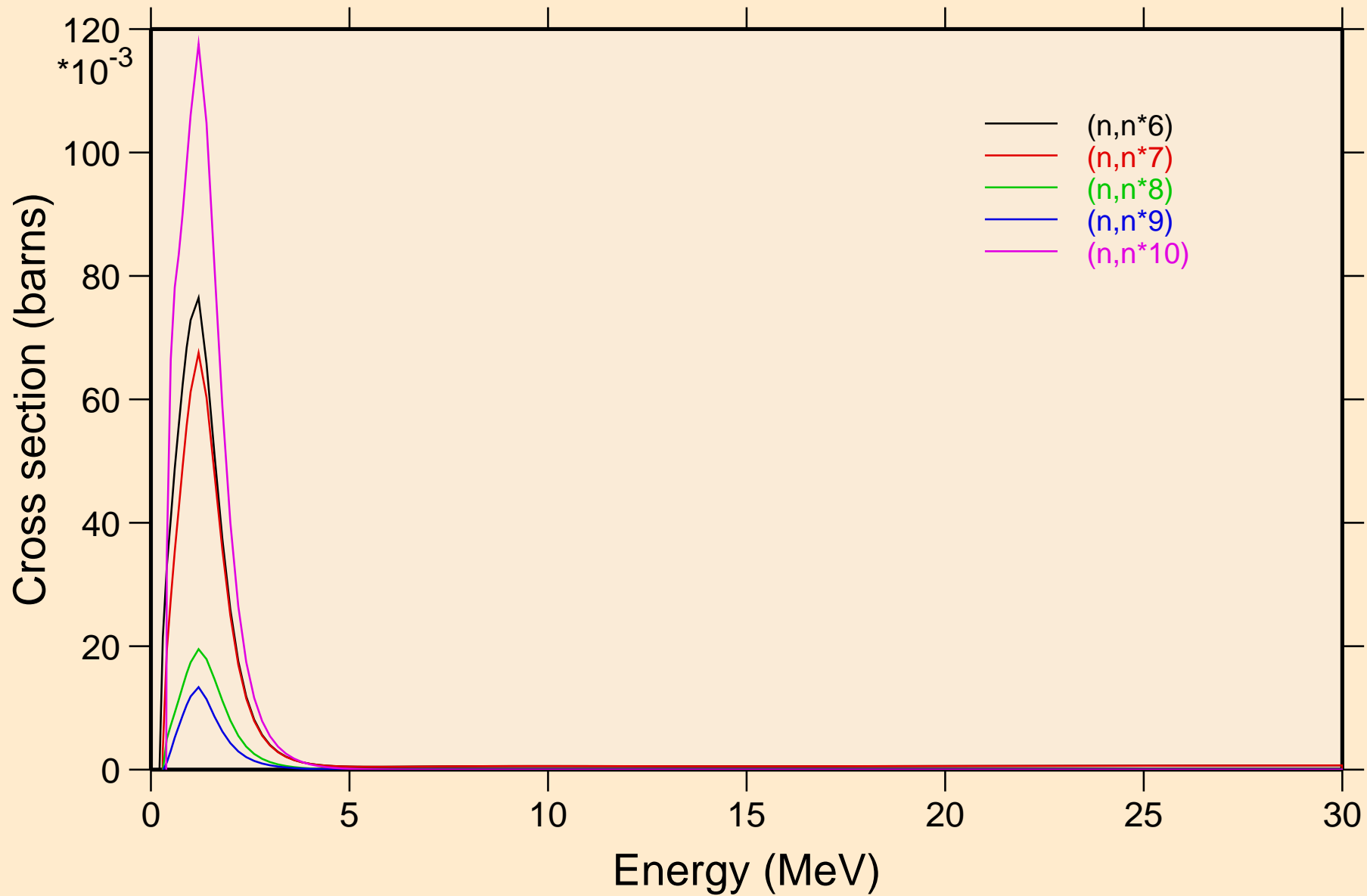
# LA144 NRG TENDL-2015, AKONING

## Inelastic levels



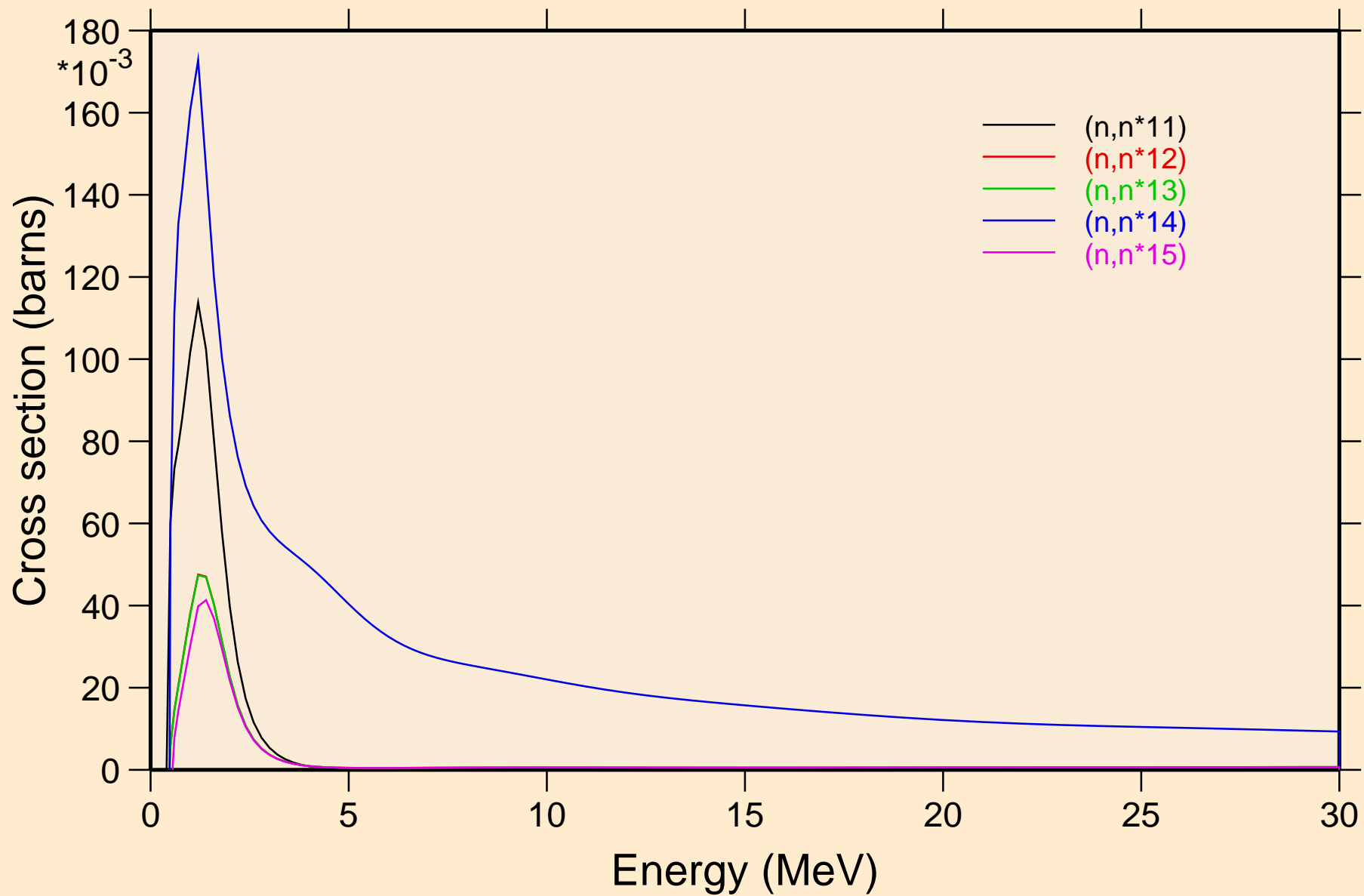
# LA144 NRG TENDL-2015, AKONING

## Inelastic levels



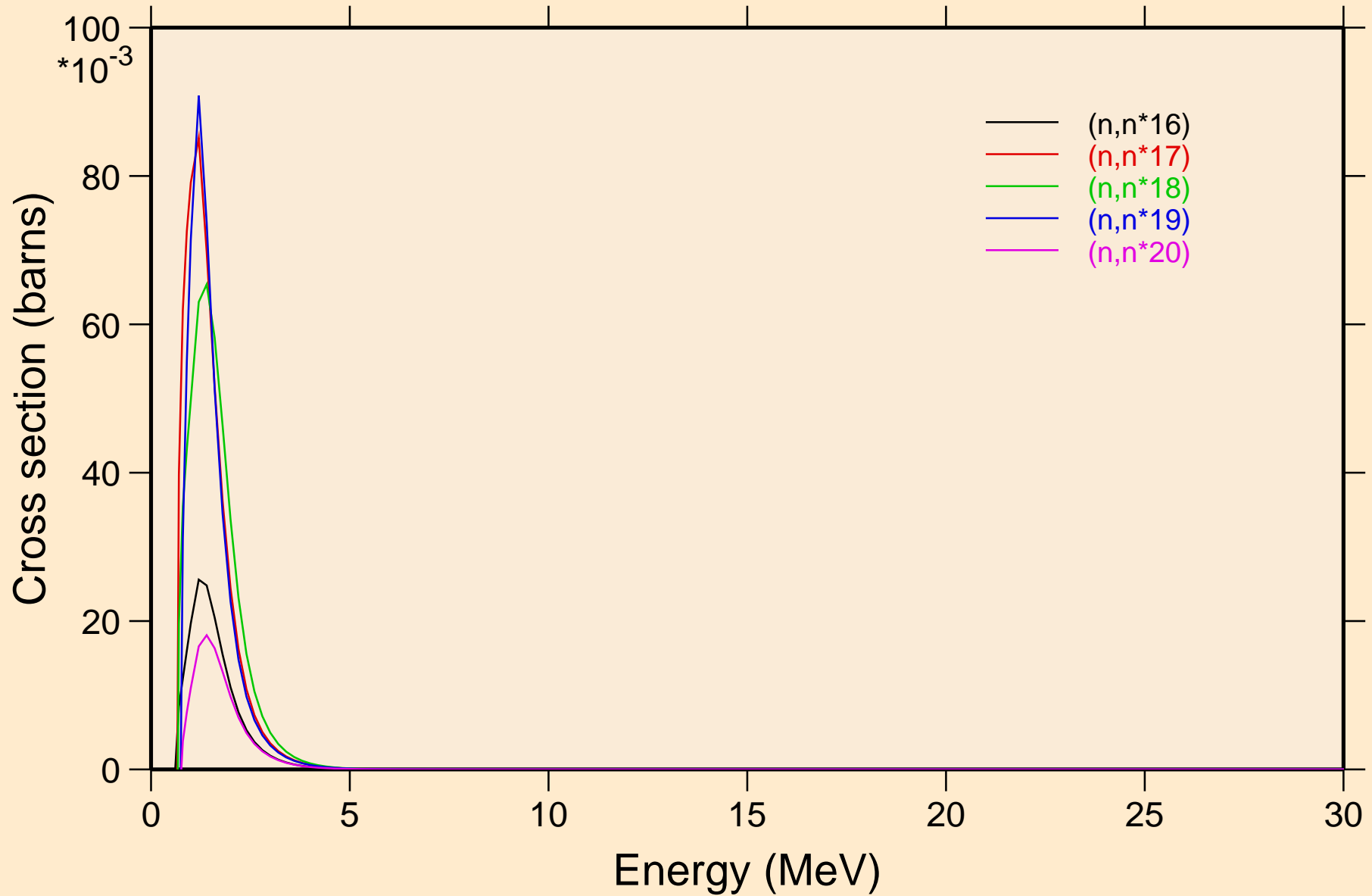
# LA144 NRG TENDL-2015, AKONING

## Inelastic levels



# LA144 NRG TENDL-2015, AKONING

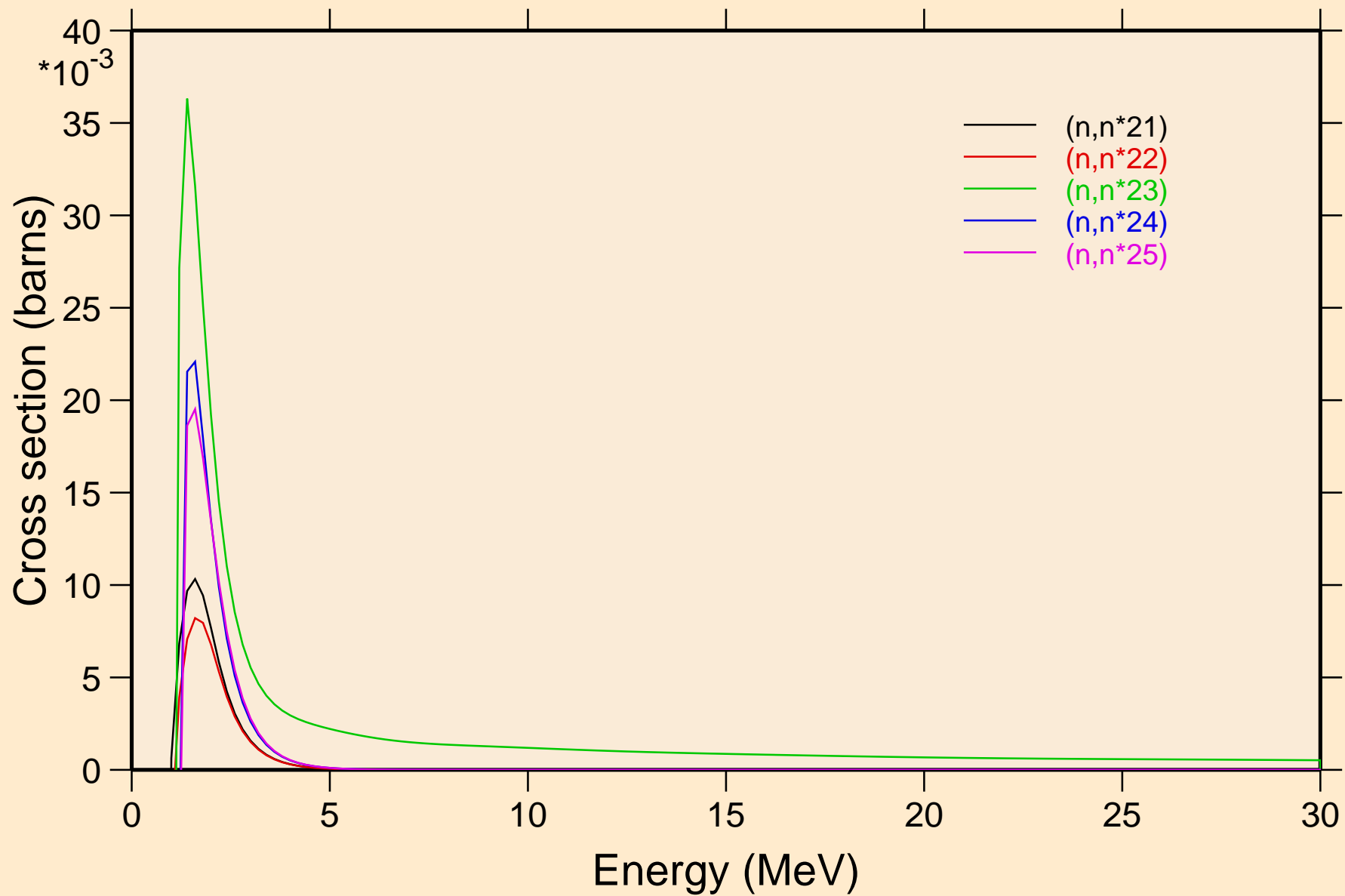
## Inelastic levels





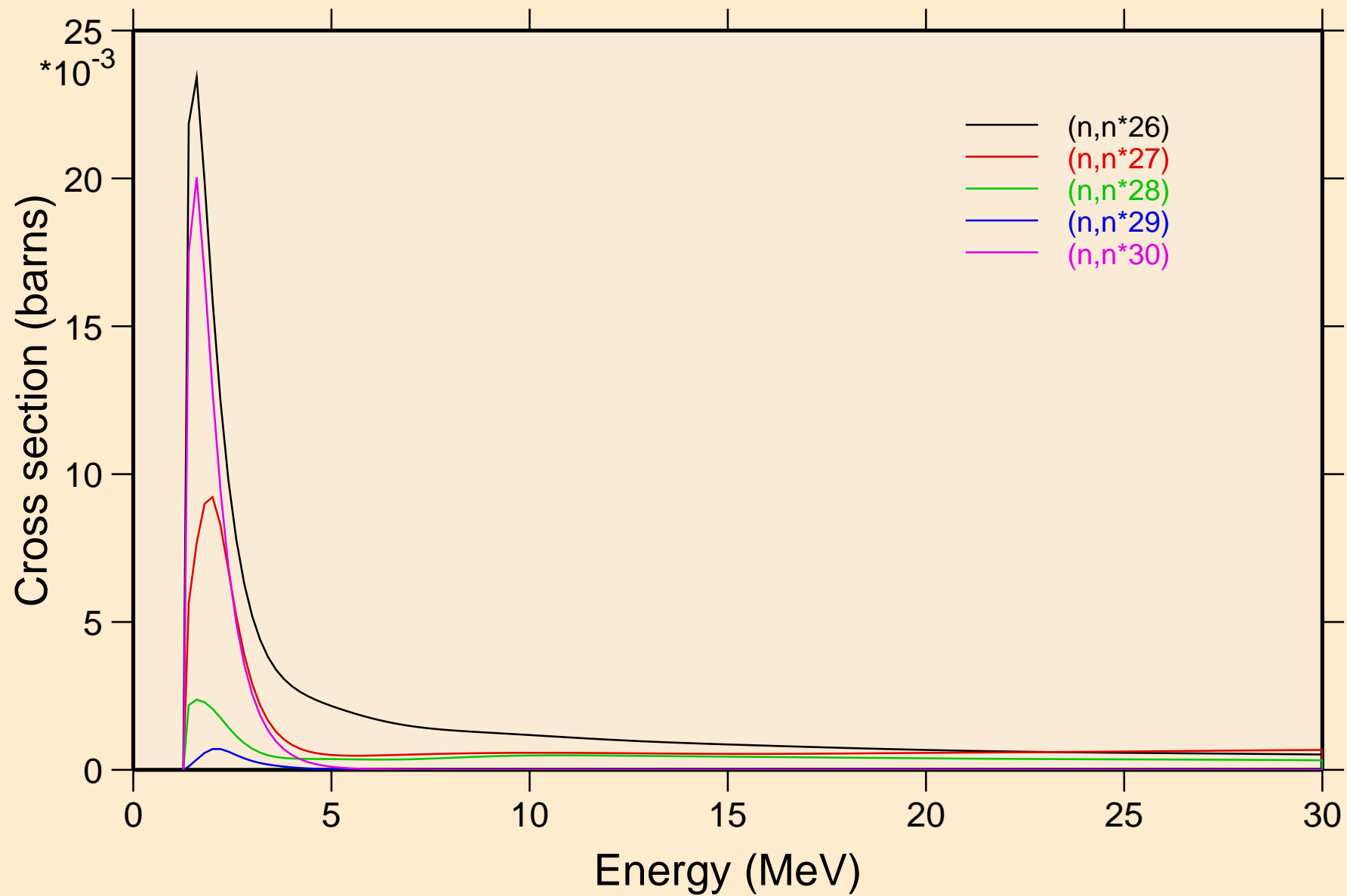
# LA144 NRG TENDL-2015, AKONING

## Inelastic levels



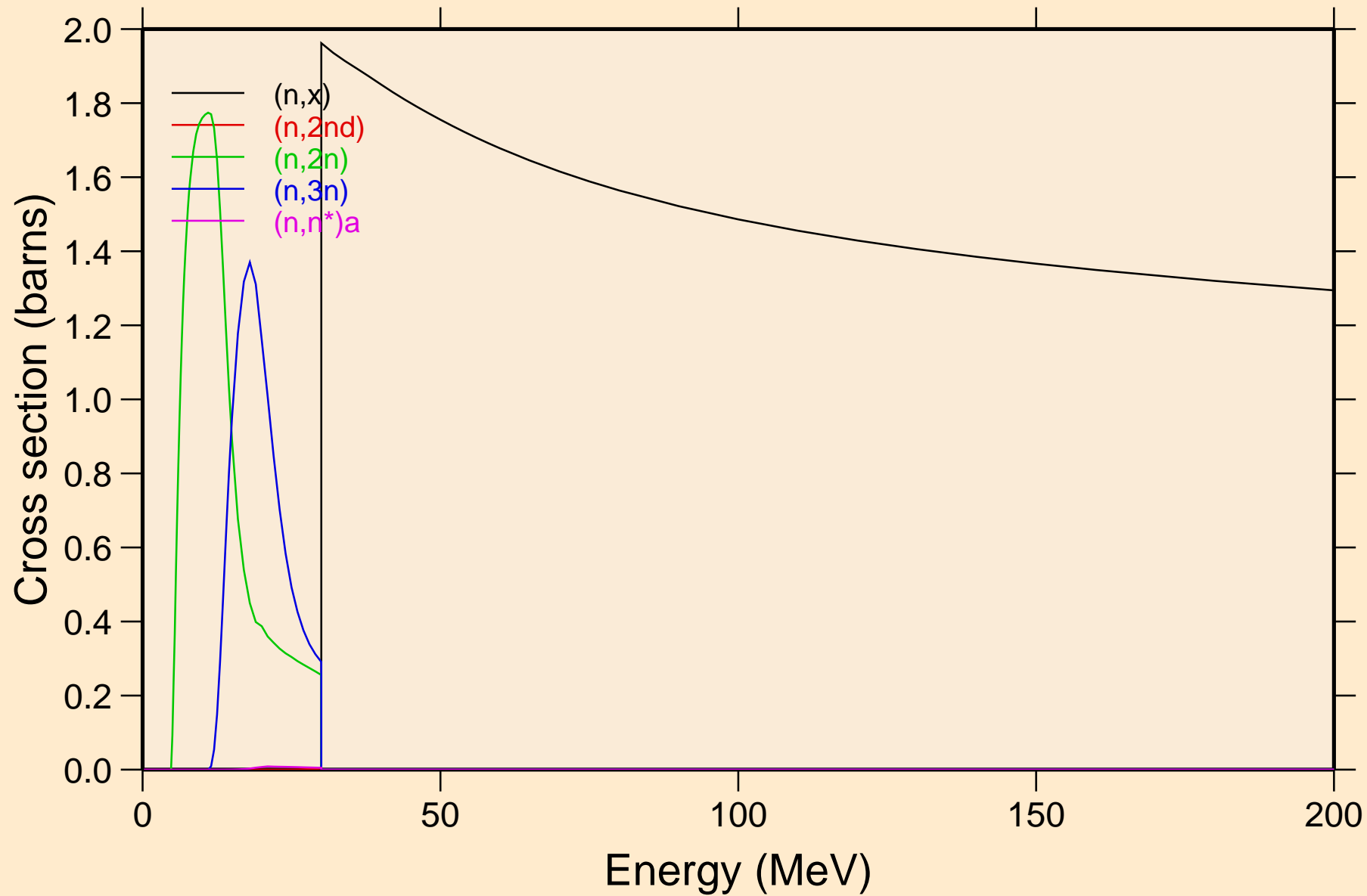
# LA144 NRG TENDL-2015, AKONING

## Inelastic levels



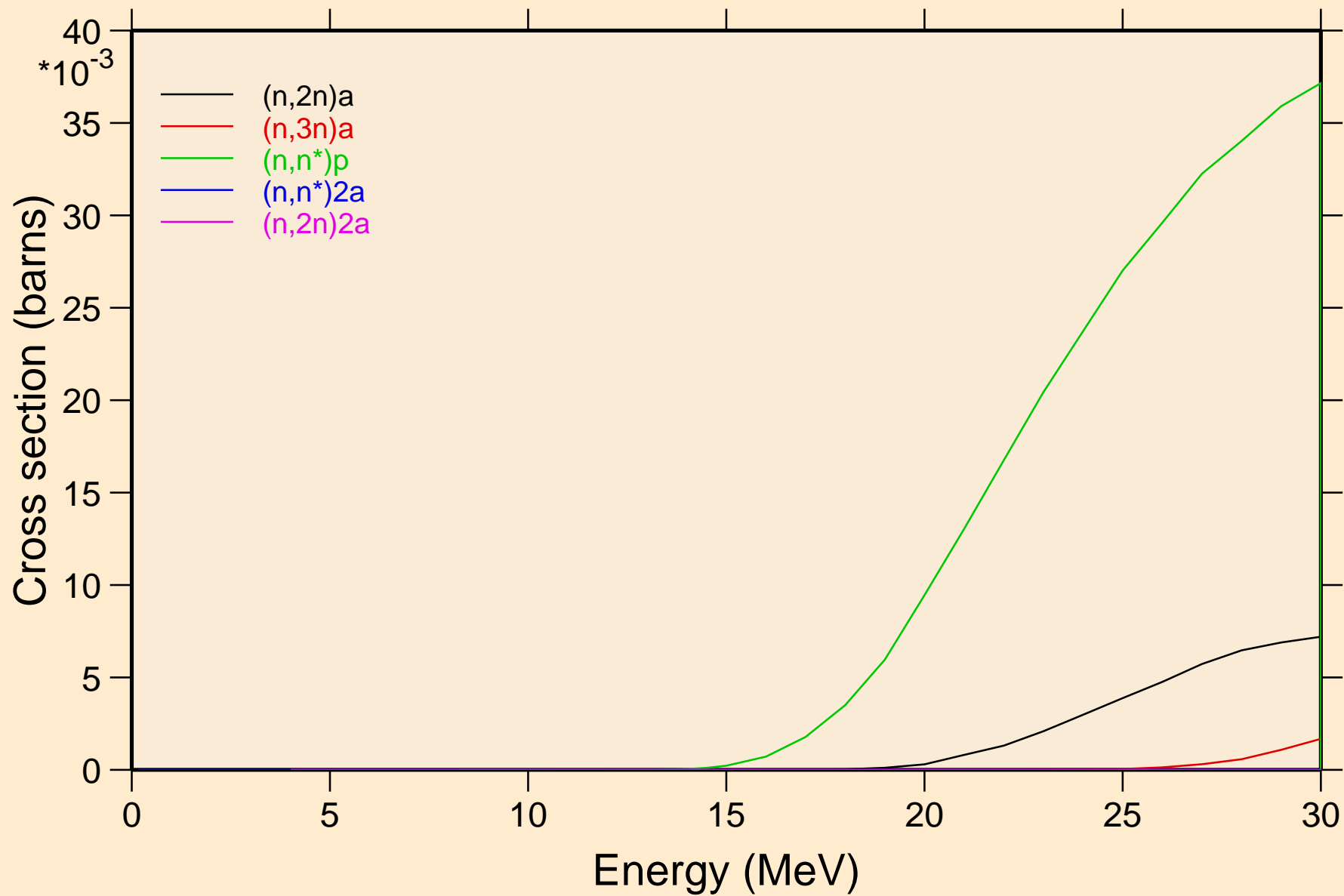
# LA144 NRG TENDL-2015, AKONING

## Threshold reactions



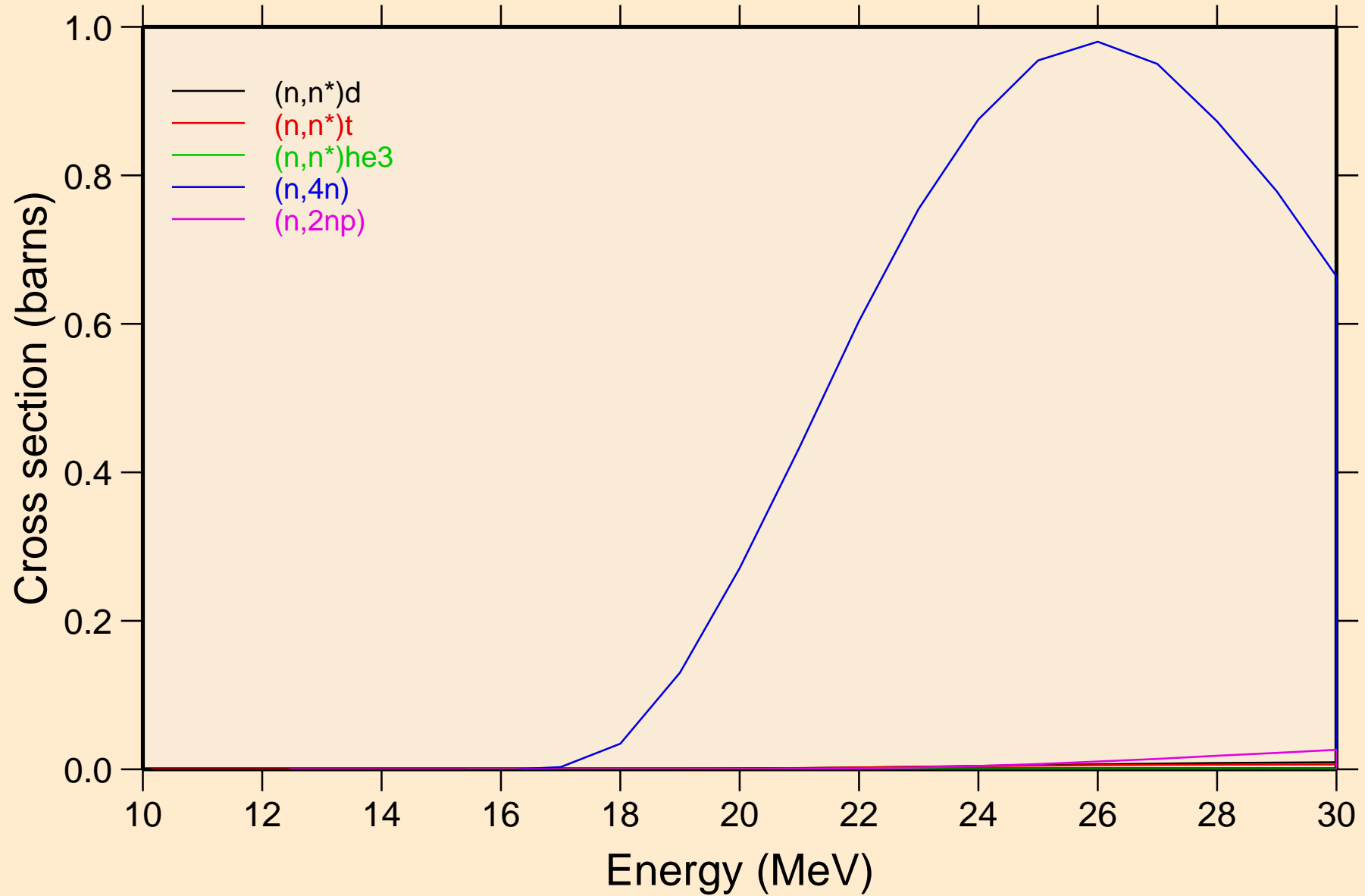
# LA144 NRG TENDL-2015, AKONING

## Threshold reactions



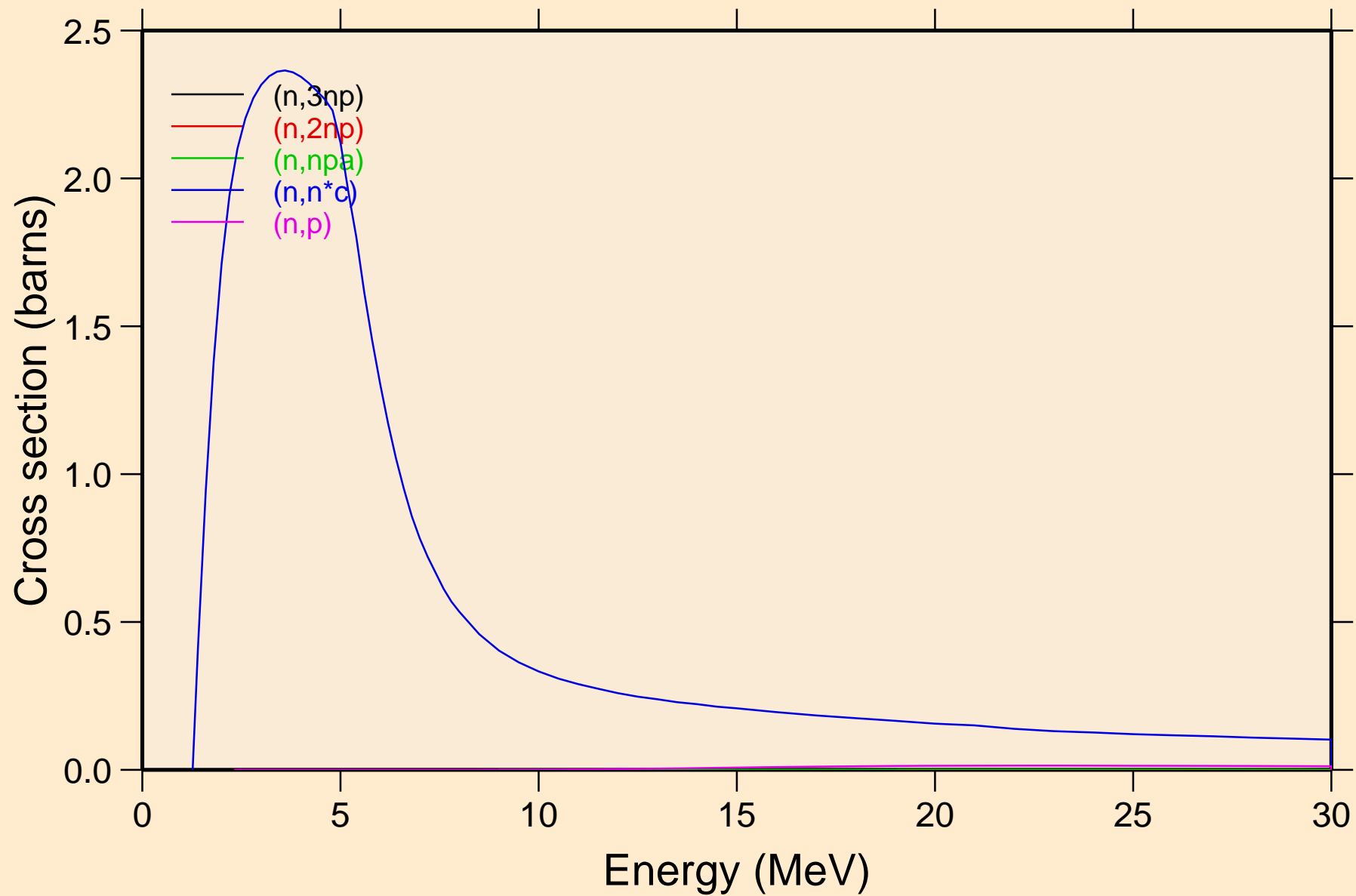
# LA144 NRG TENDL-2015, AKONING

## Threshold reactions



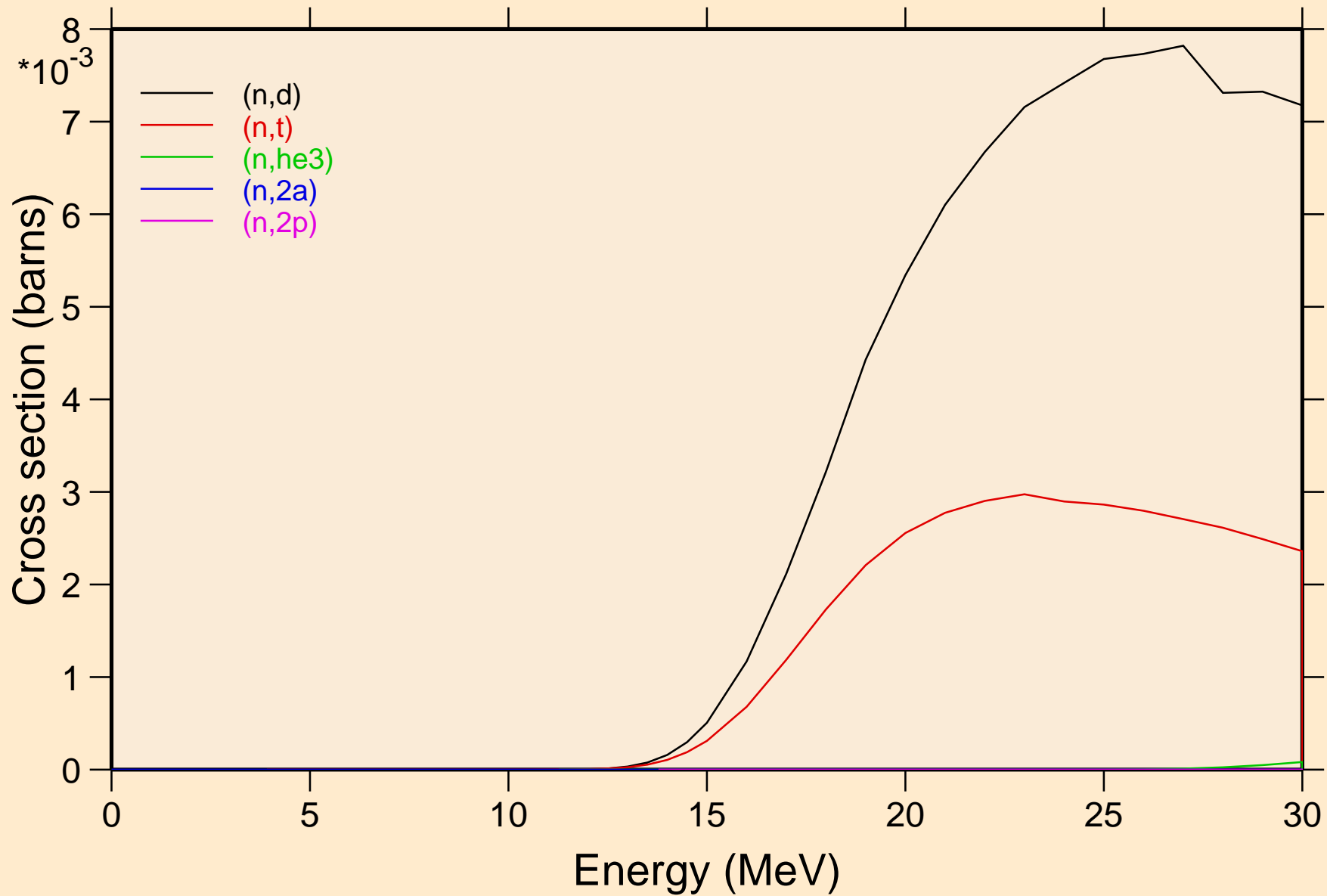
# LA144 NRG TENDL-2015, AKONING

## Threshold reactions



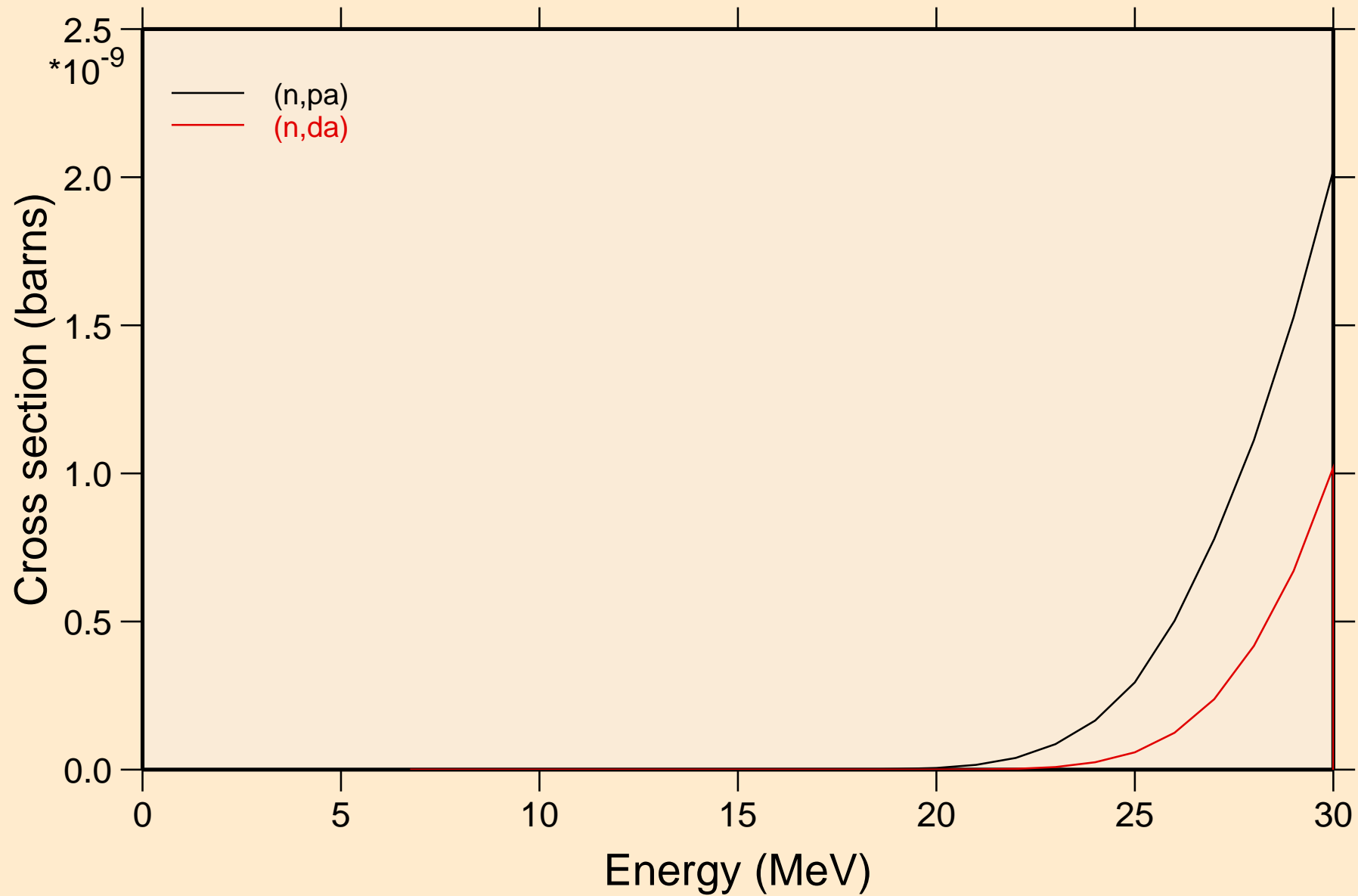
# LA144 NRG TENDL-2015, AKONING

## Threshold reactions



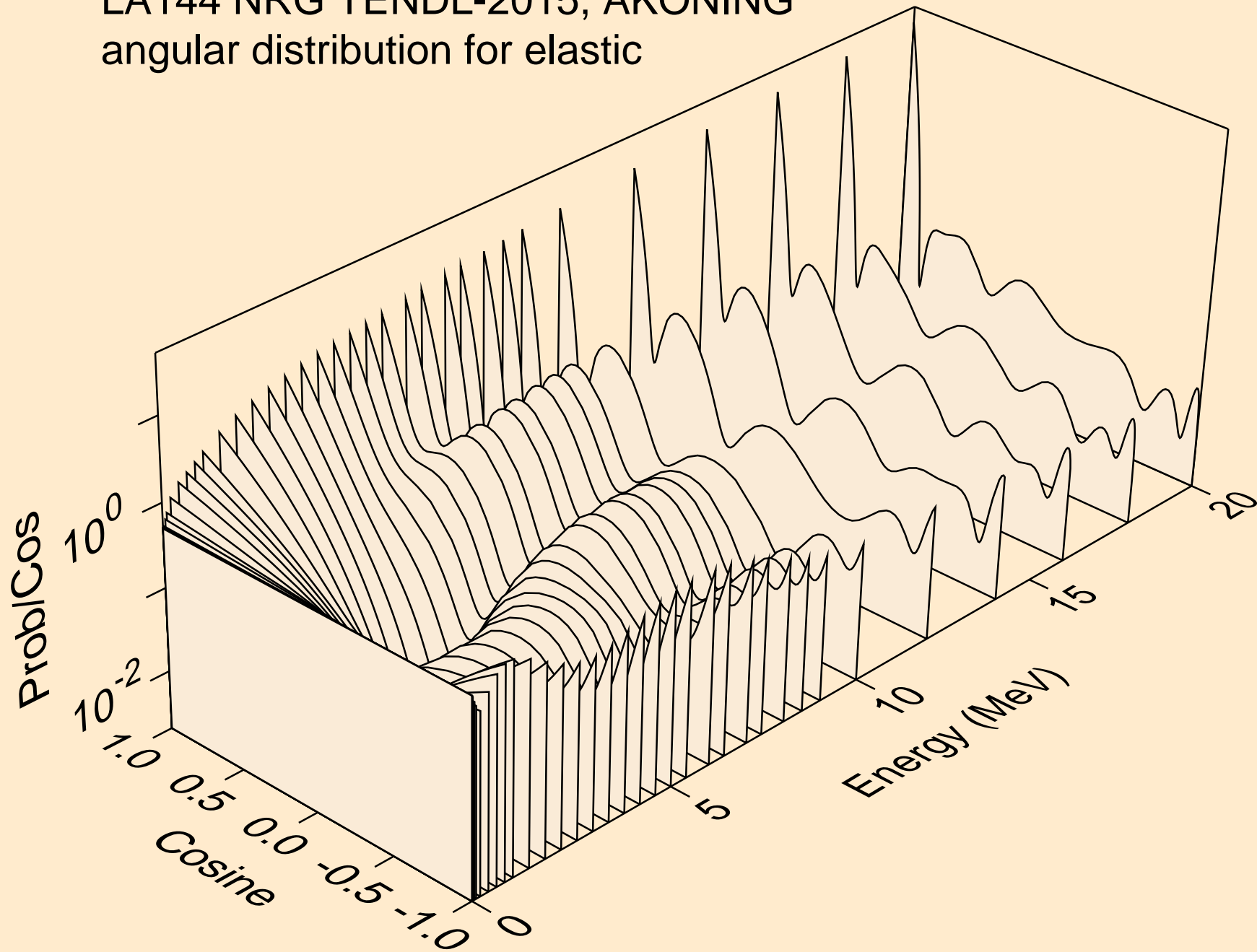
# LA144 NRG TENDL-2015, AKONING

## Threshold reactions

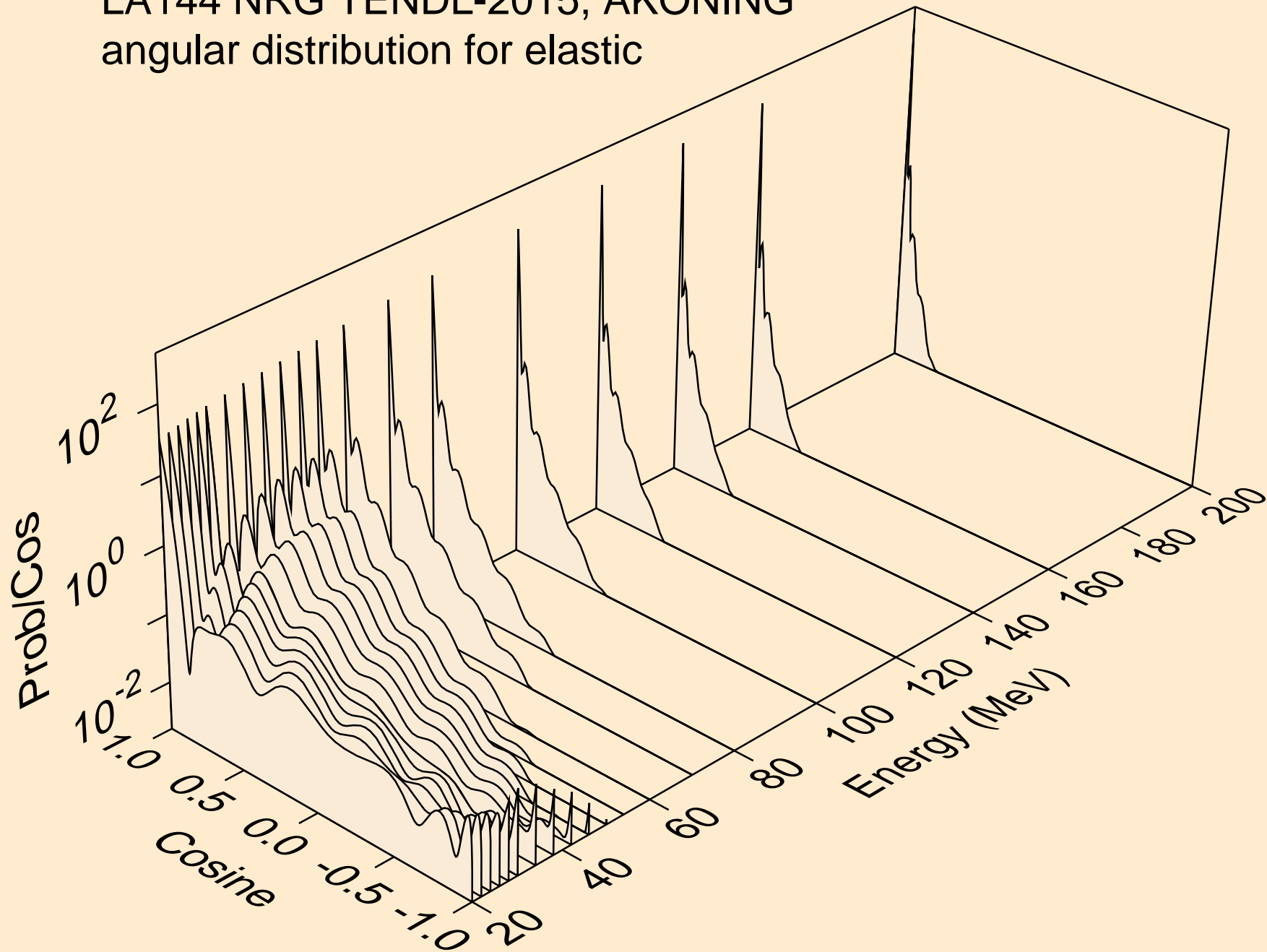




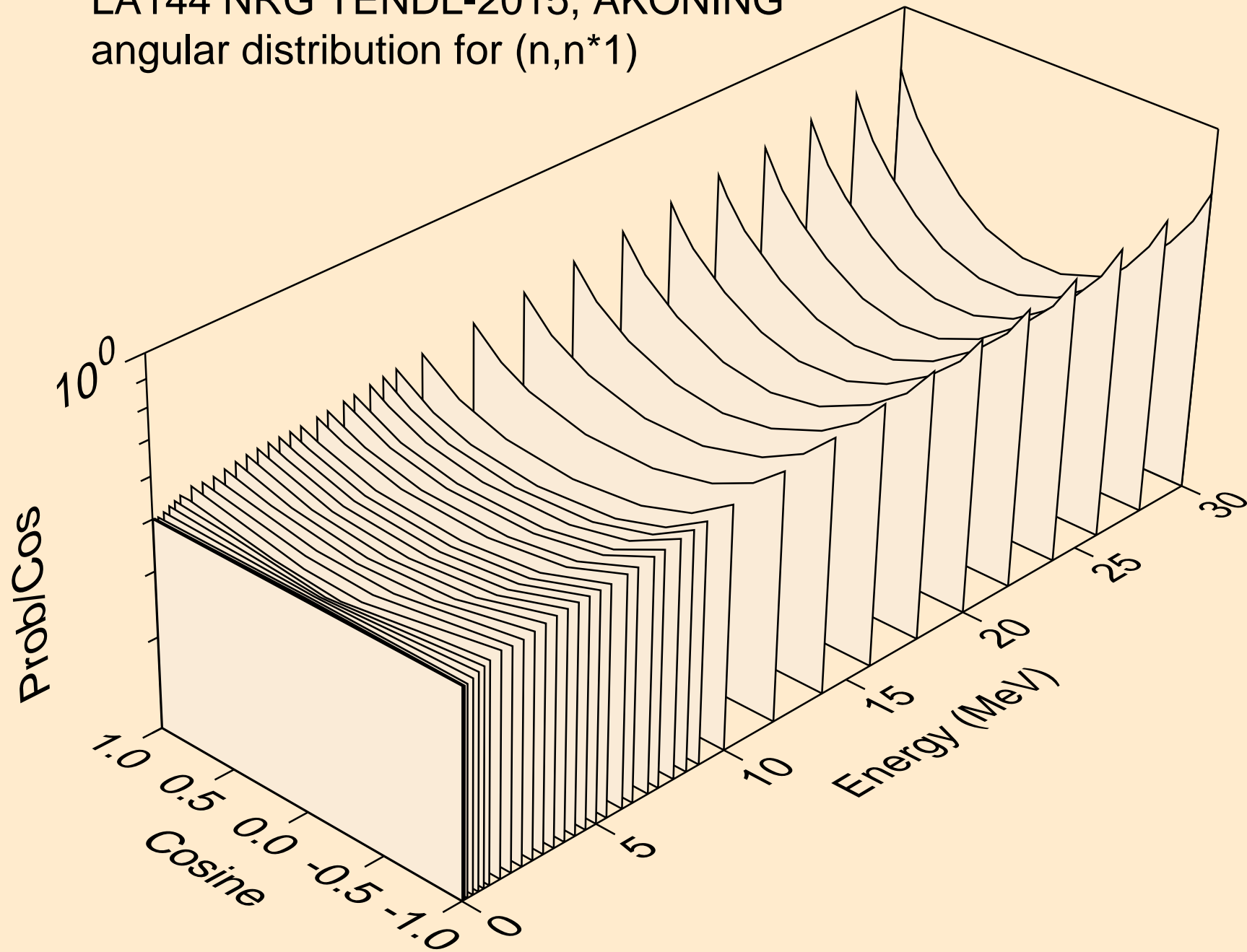
LA144 NRG TENDL-2015, AKONING  
angular distribution for elastic



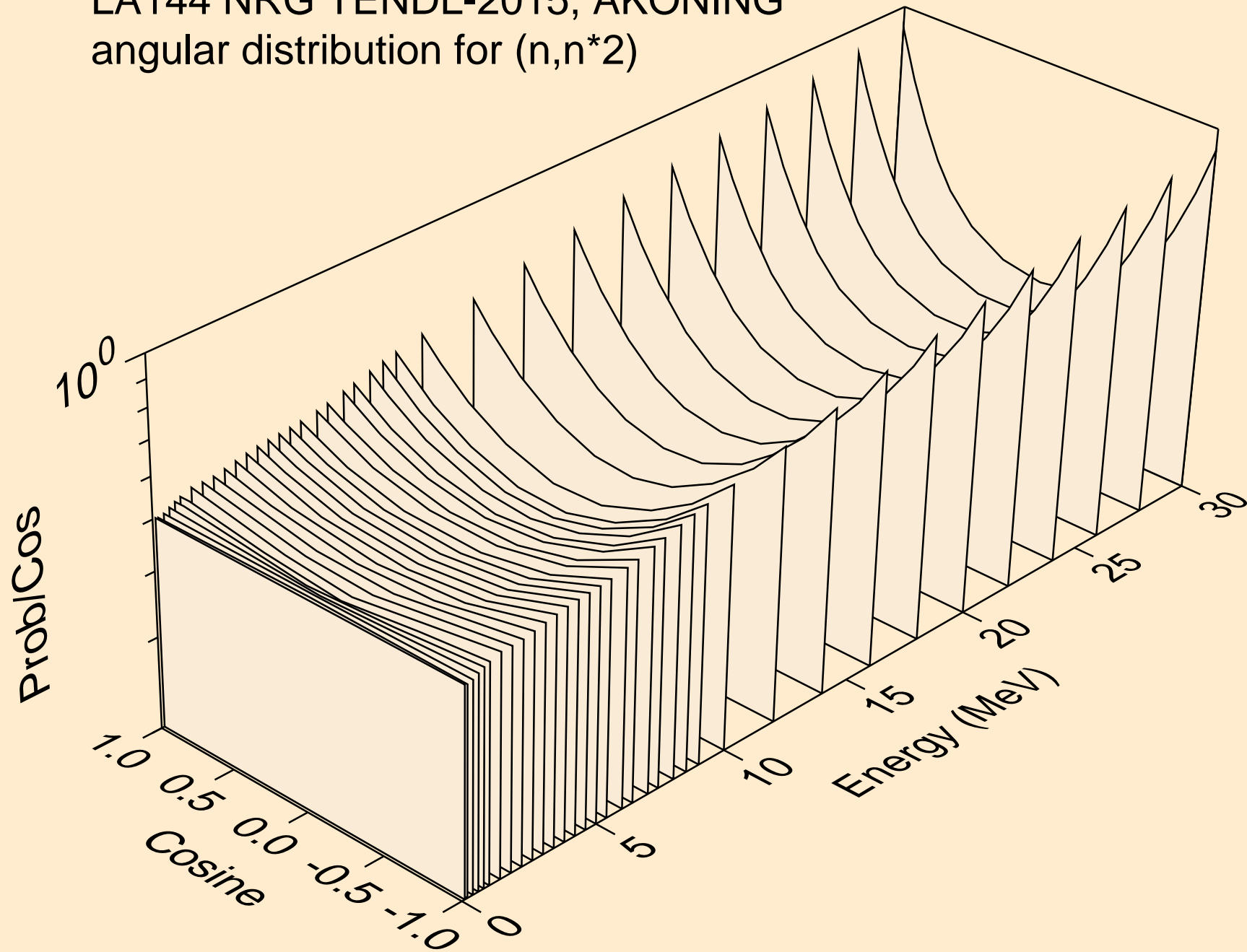
LA144 NRG TENDL-2015, AKONING  
angular distribution for elastic



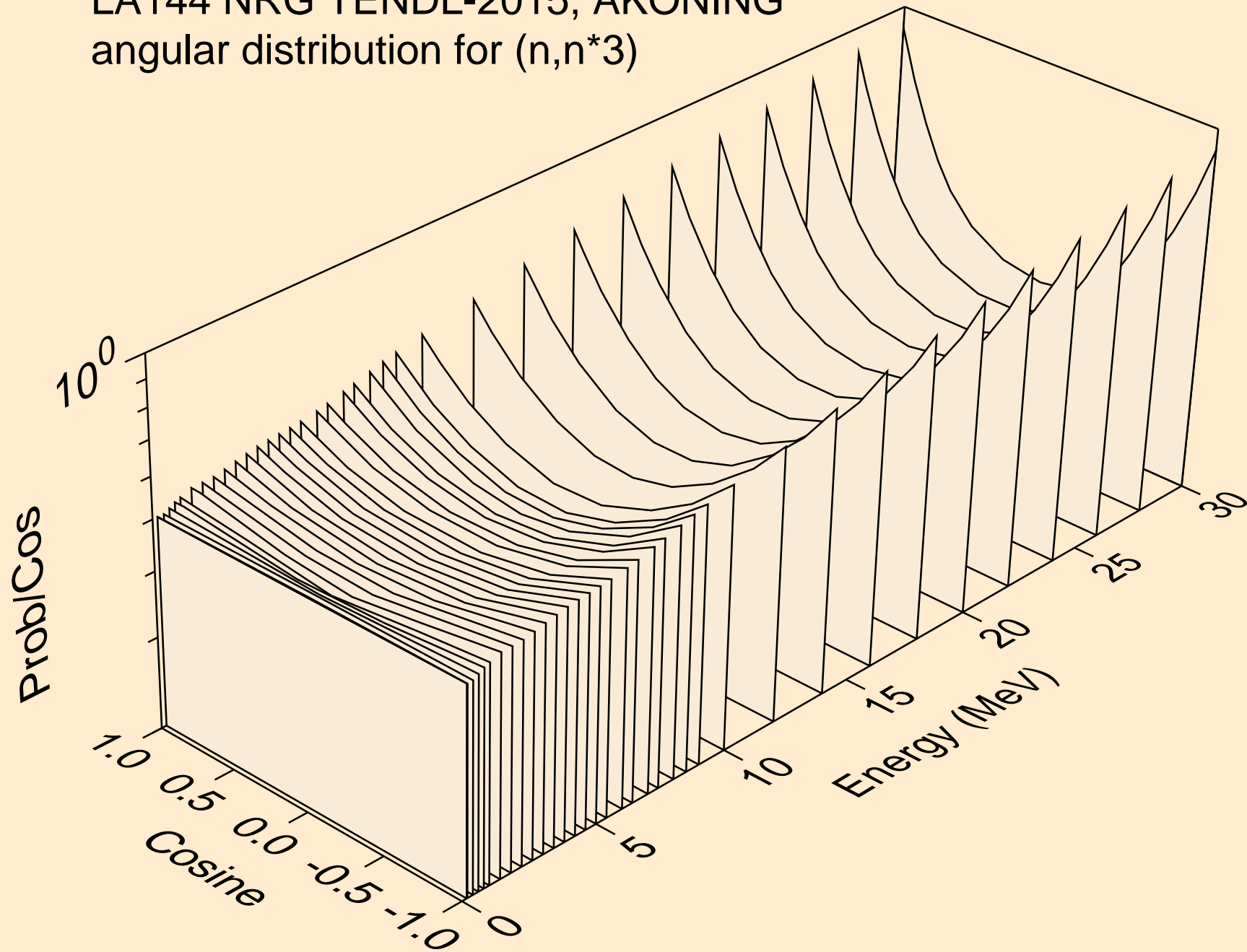
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



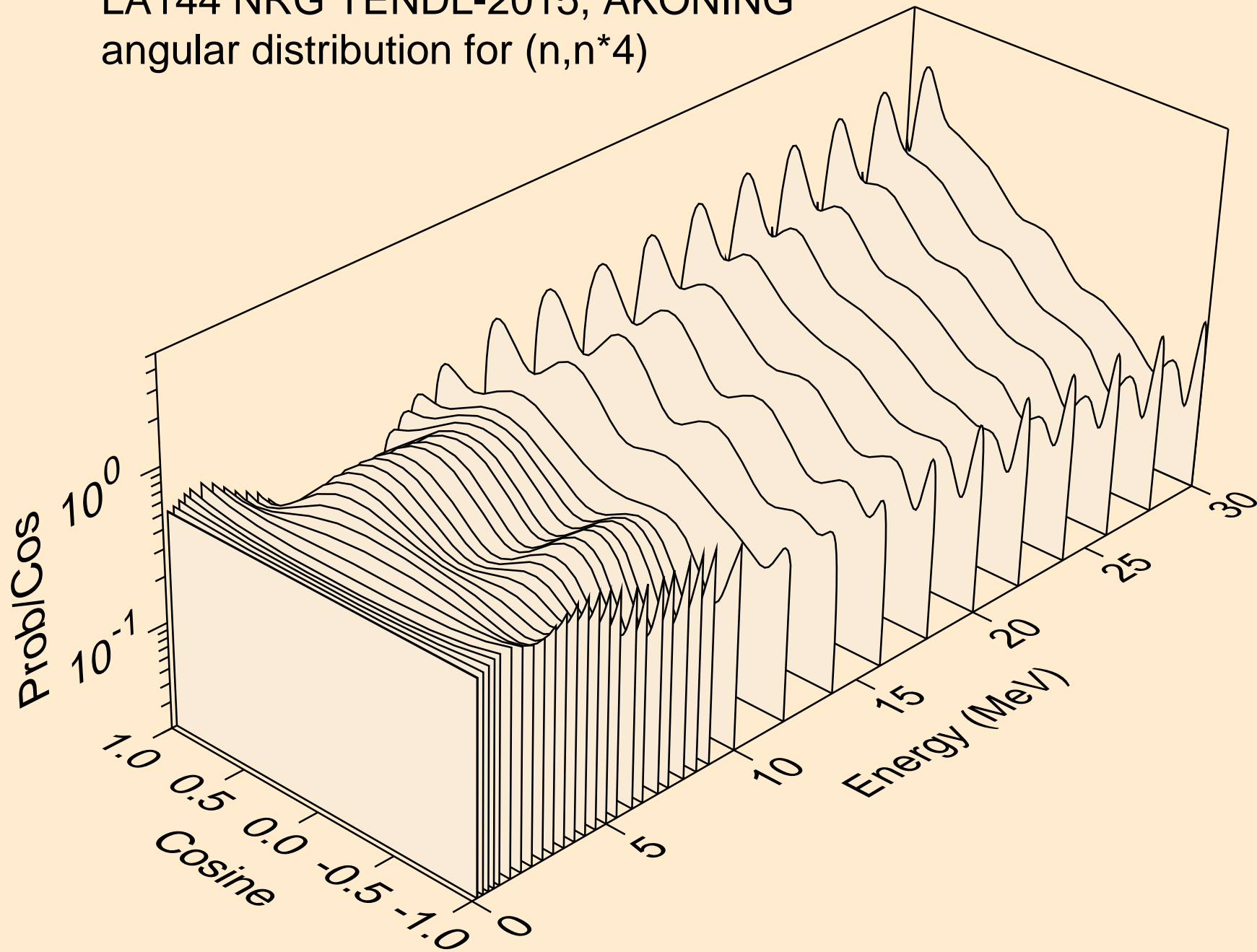
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



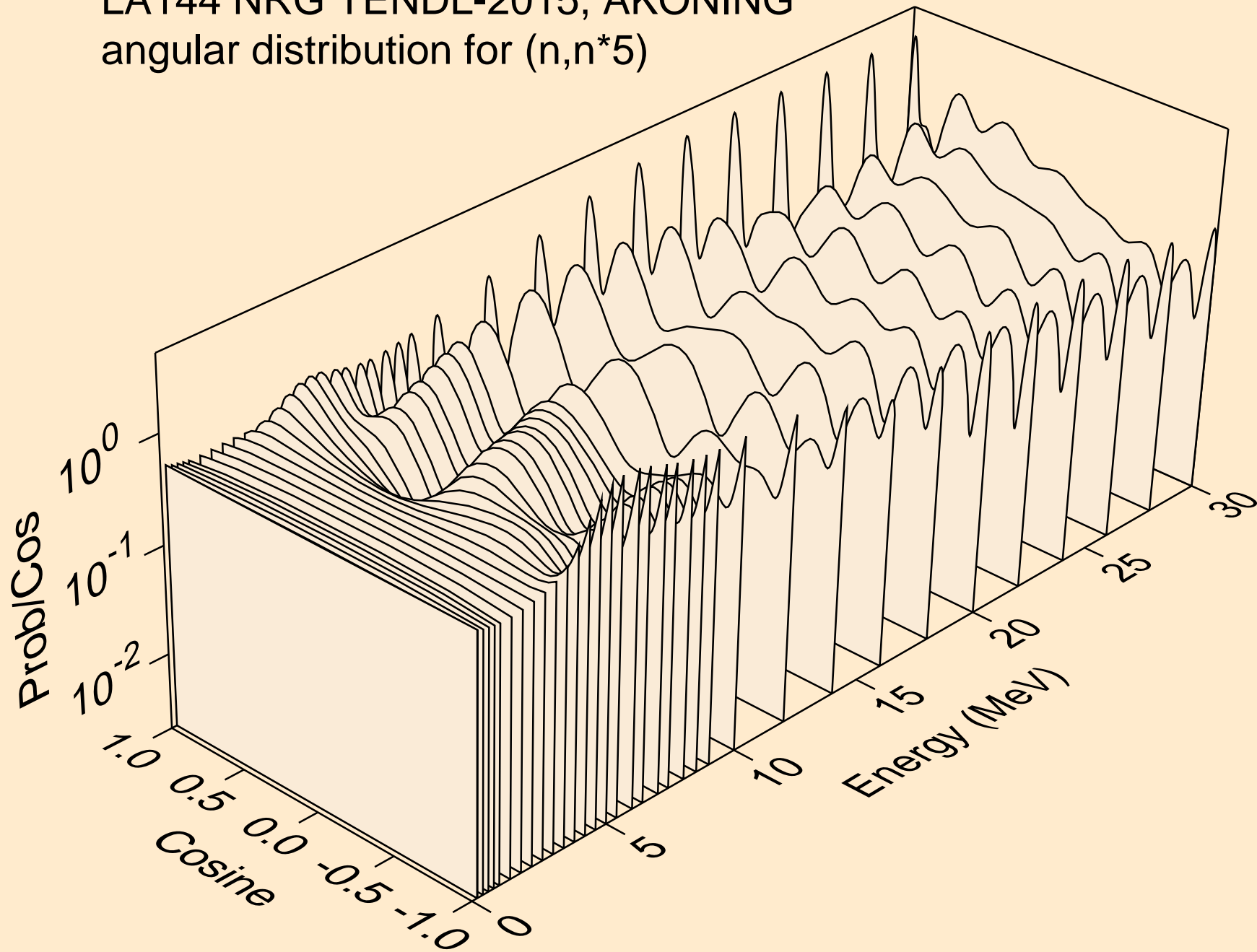
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



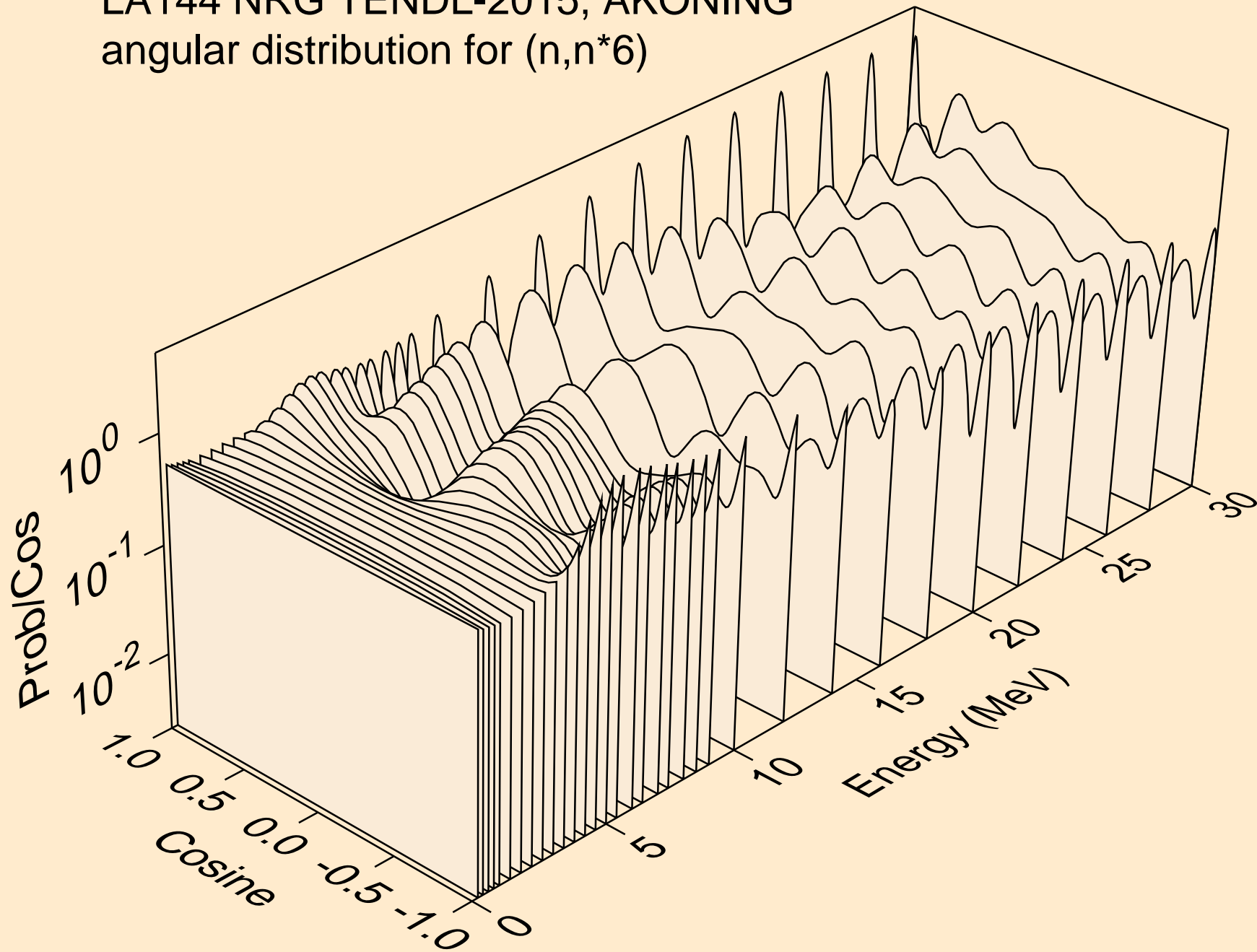
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

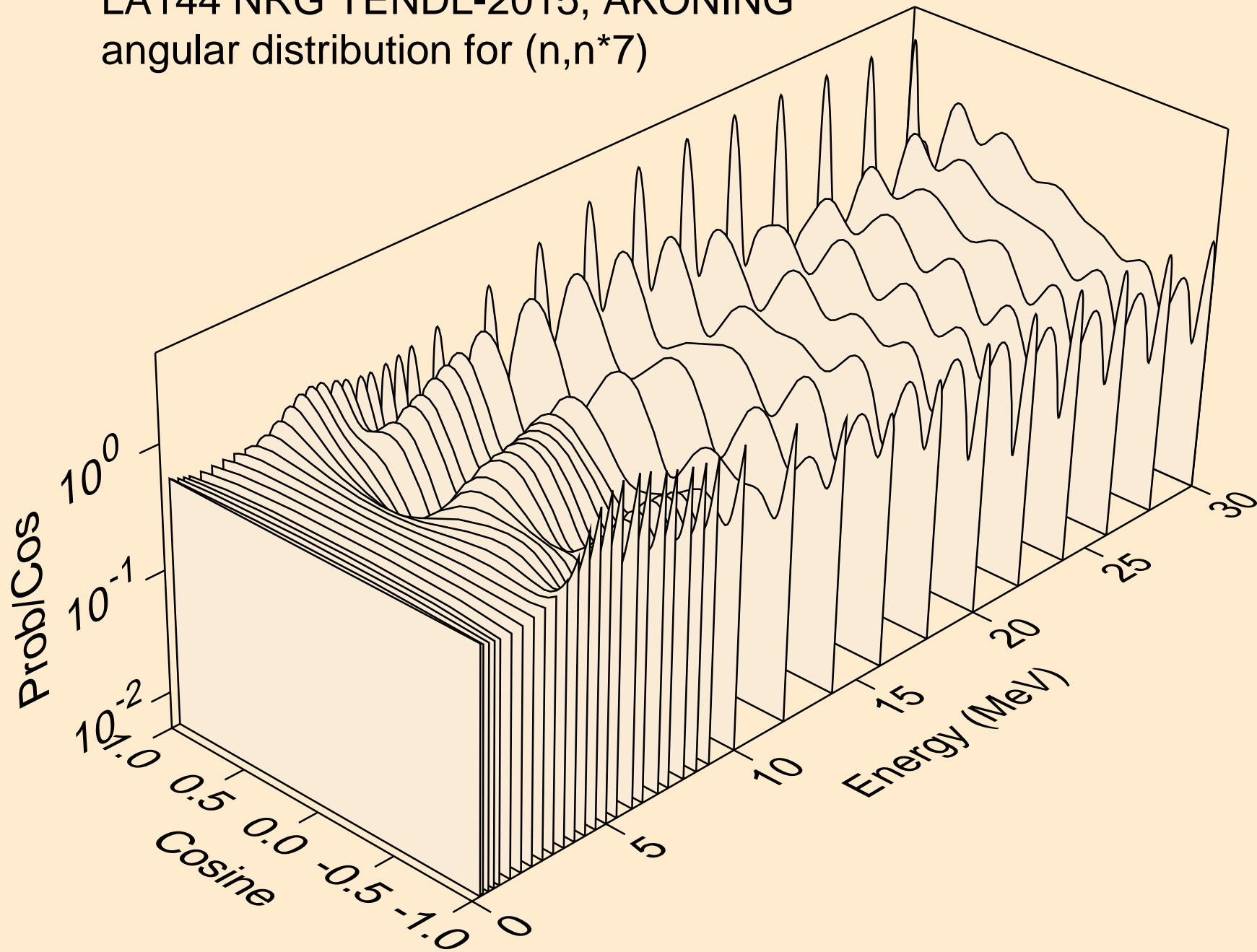


LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

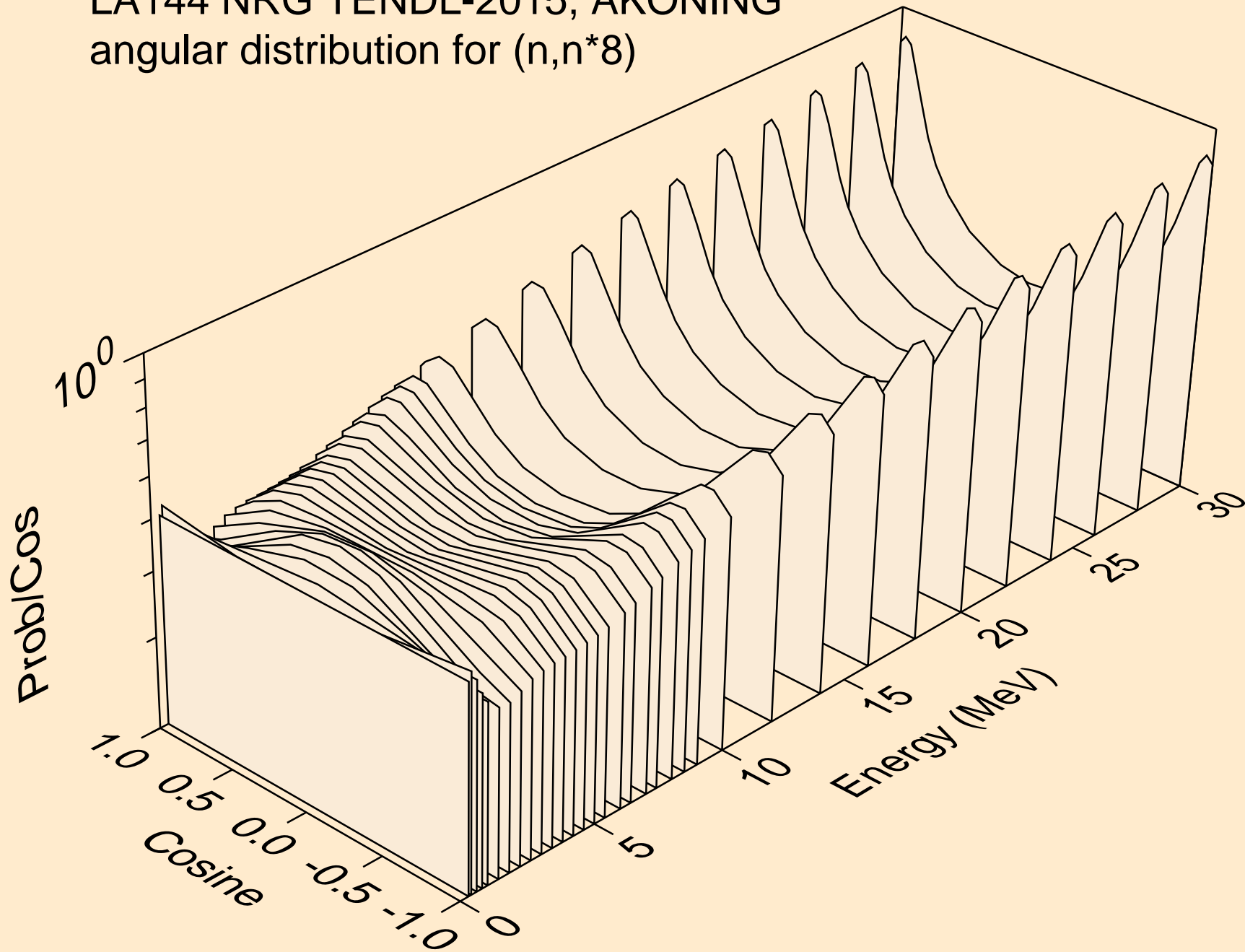




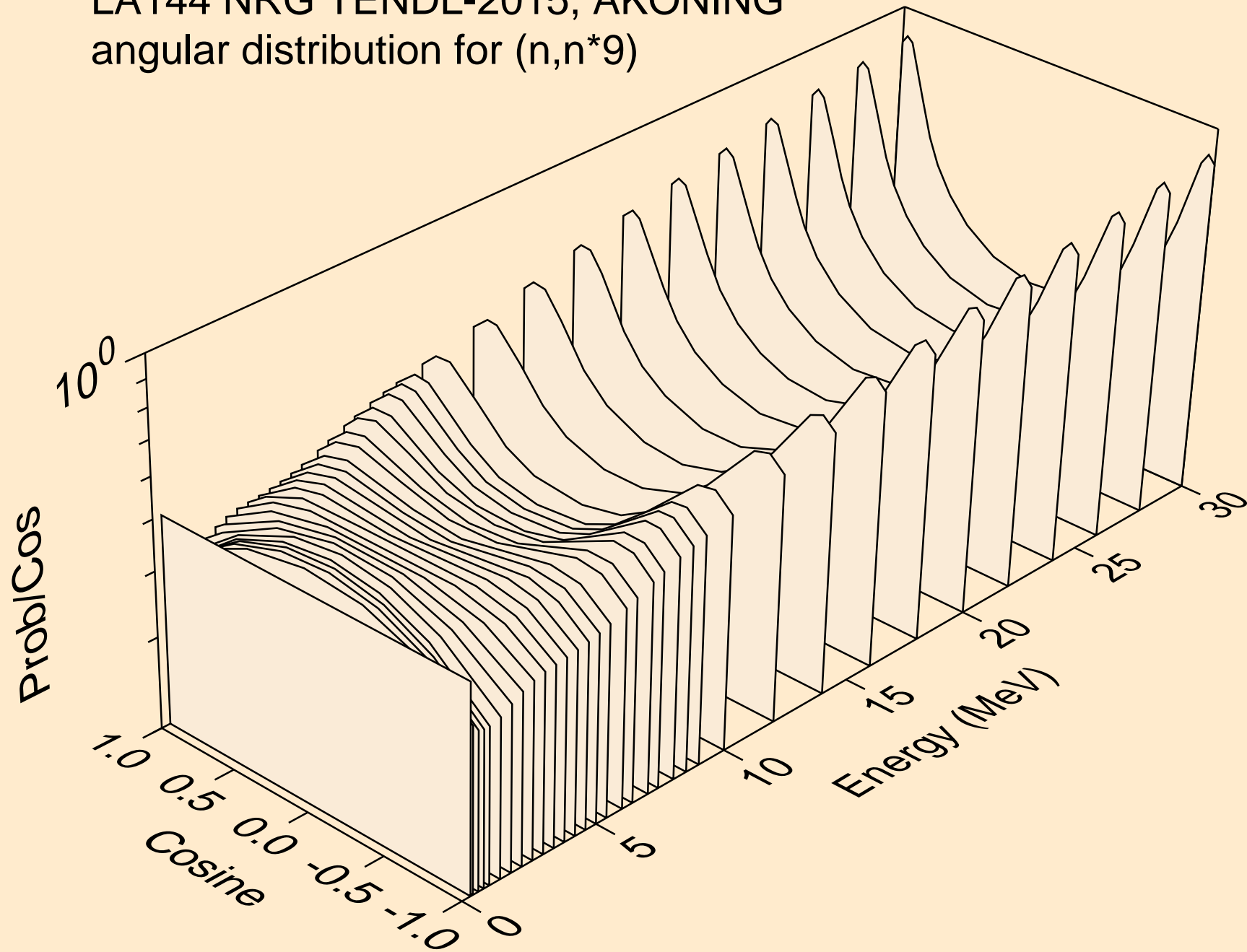
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



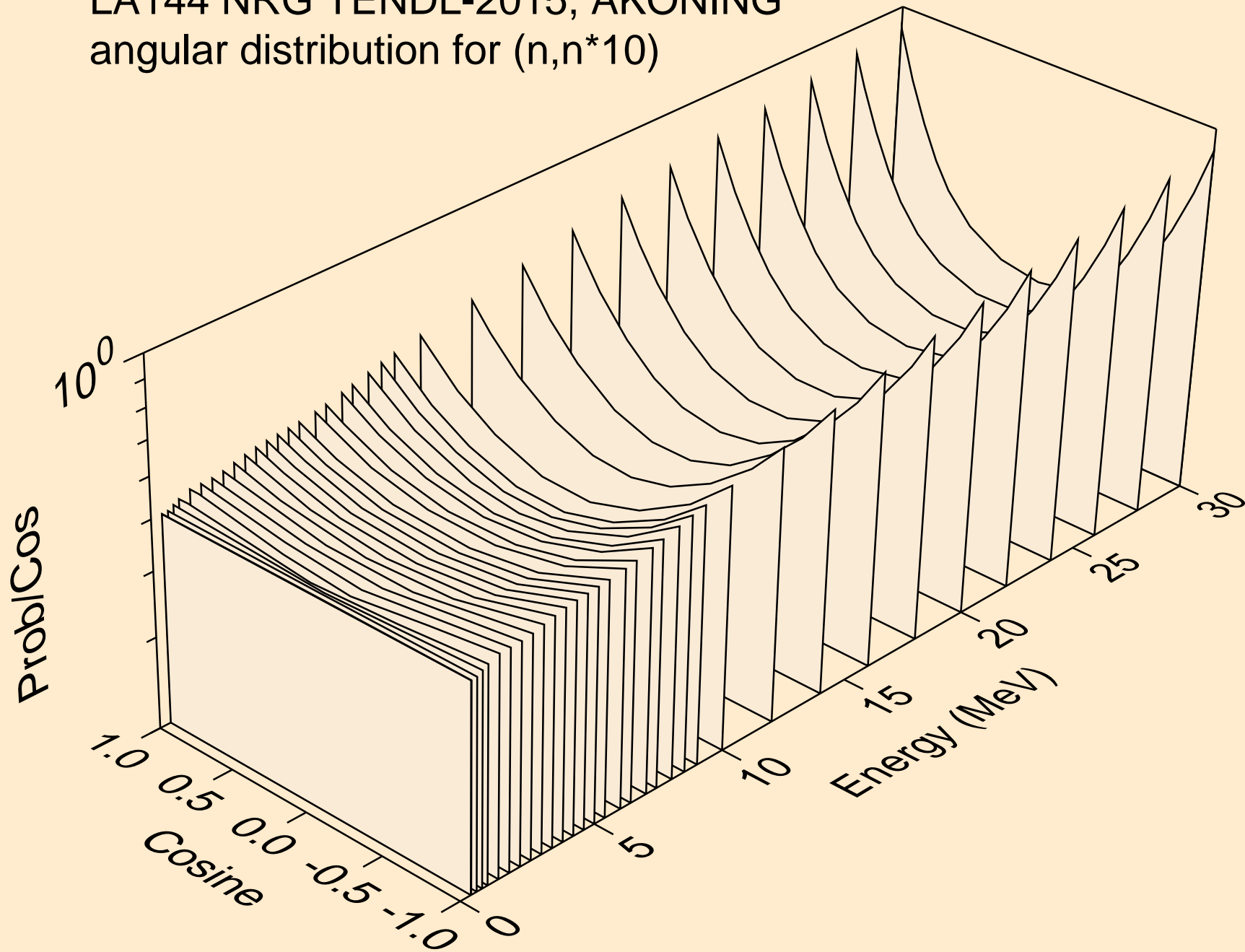
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



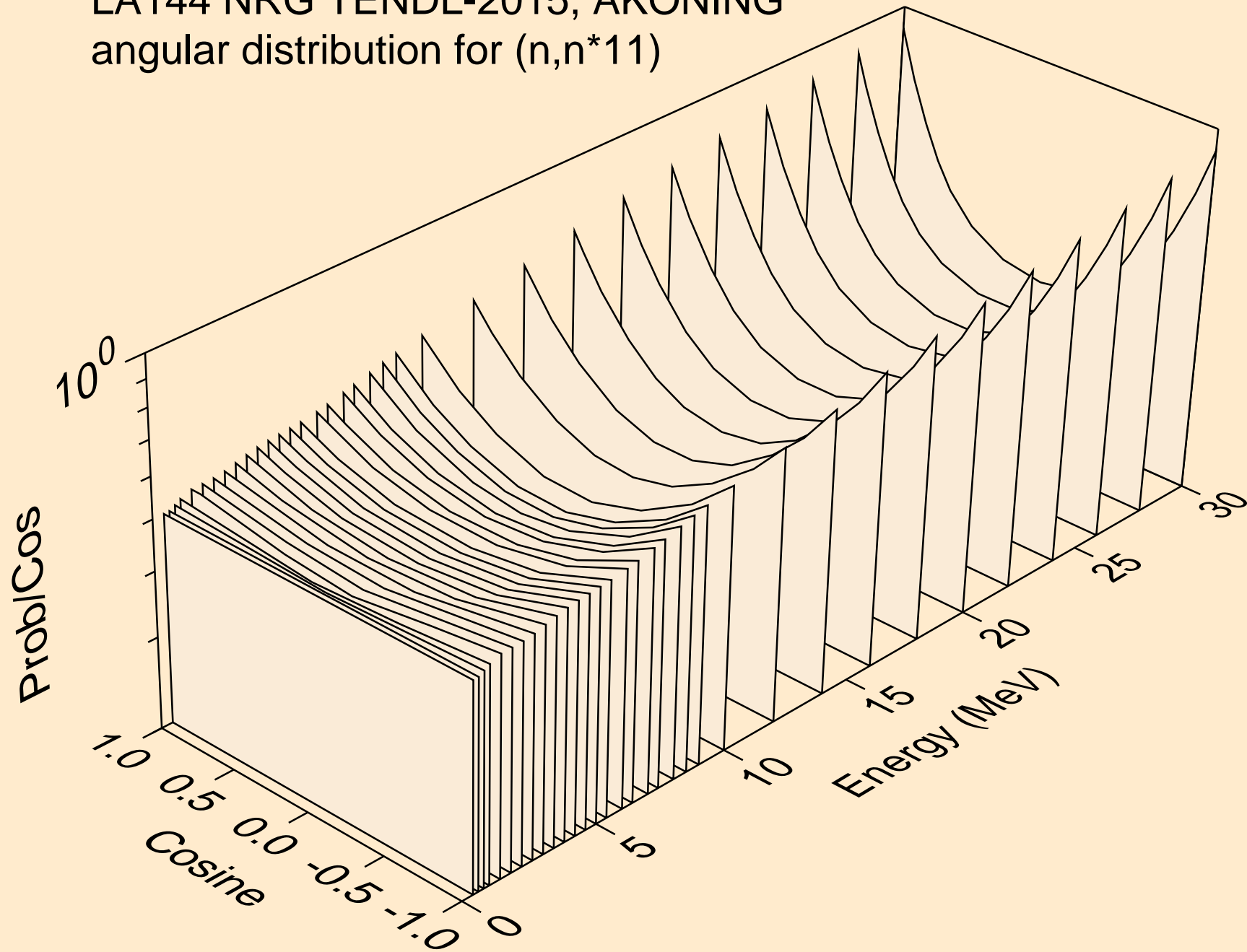
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



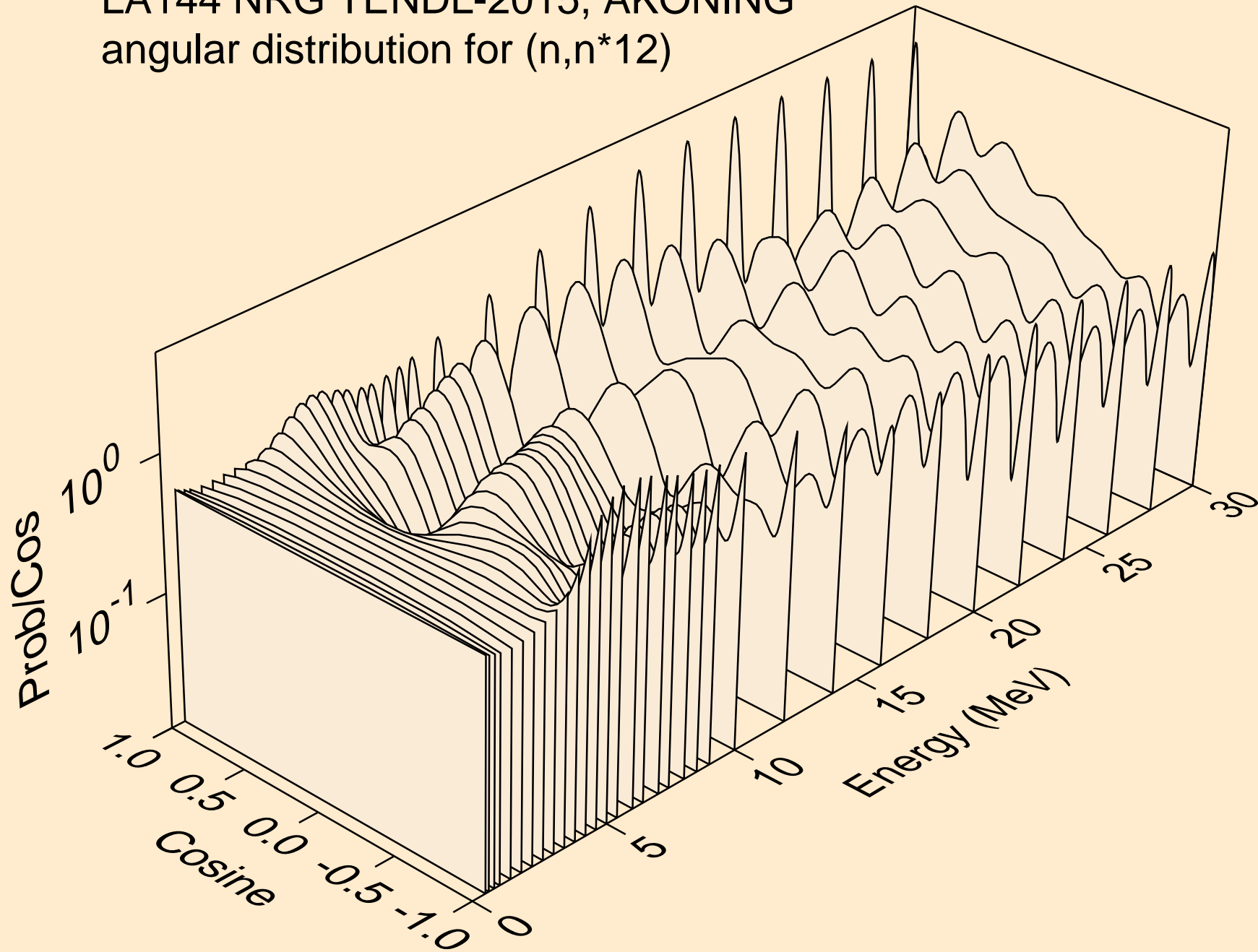
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



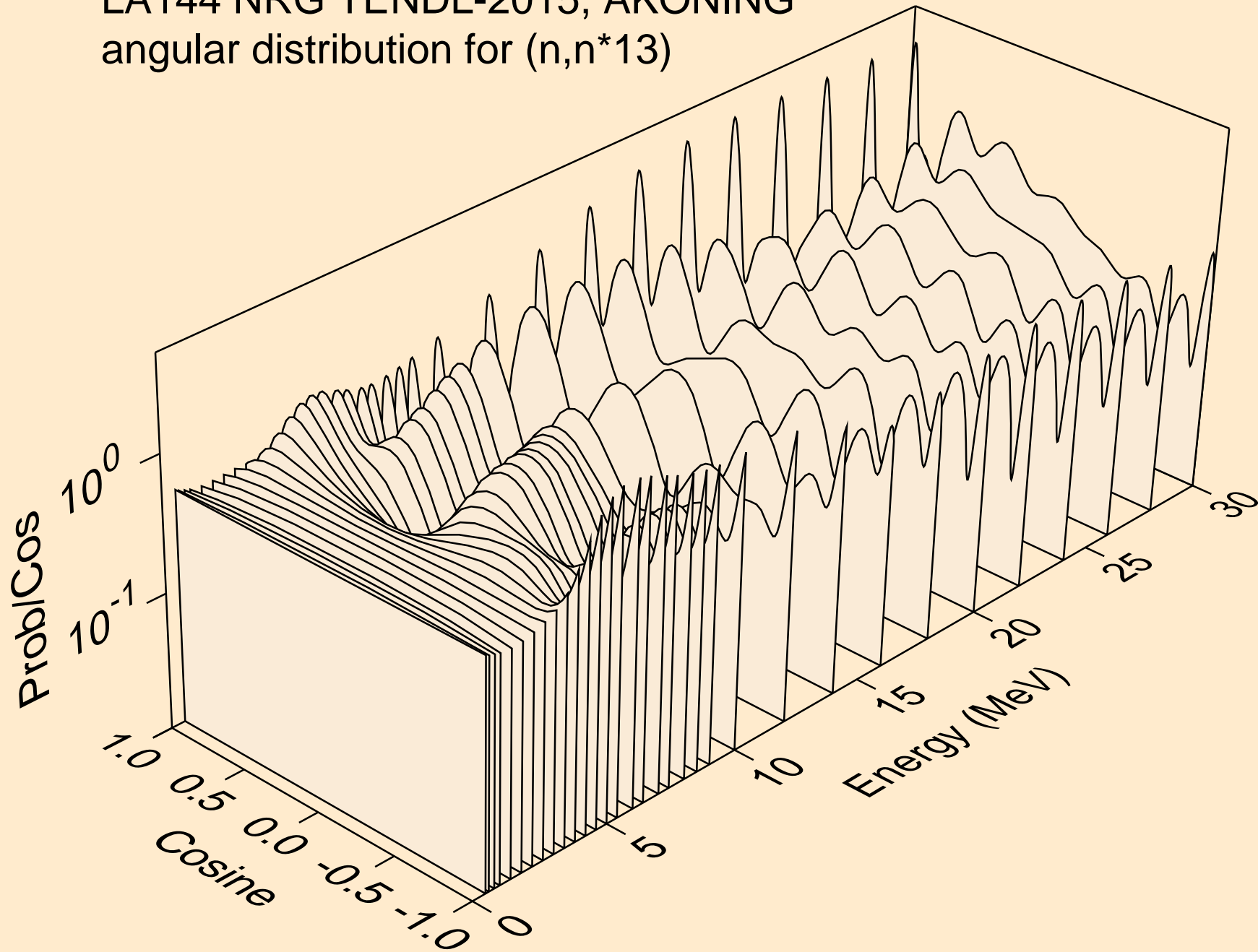
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



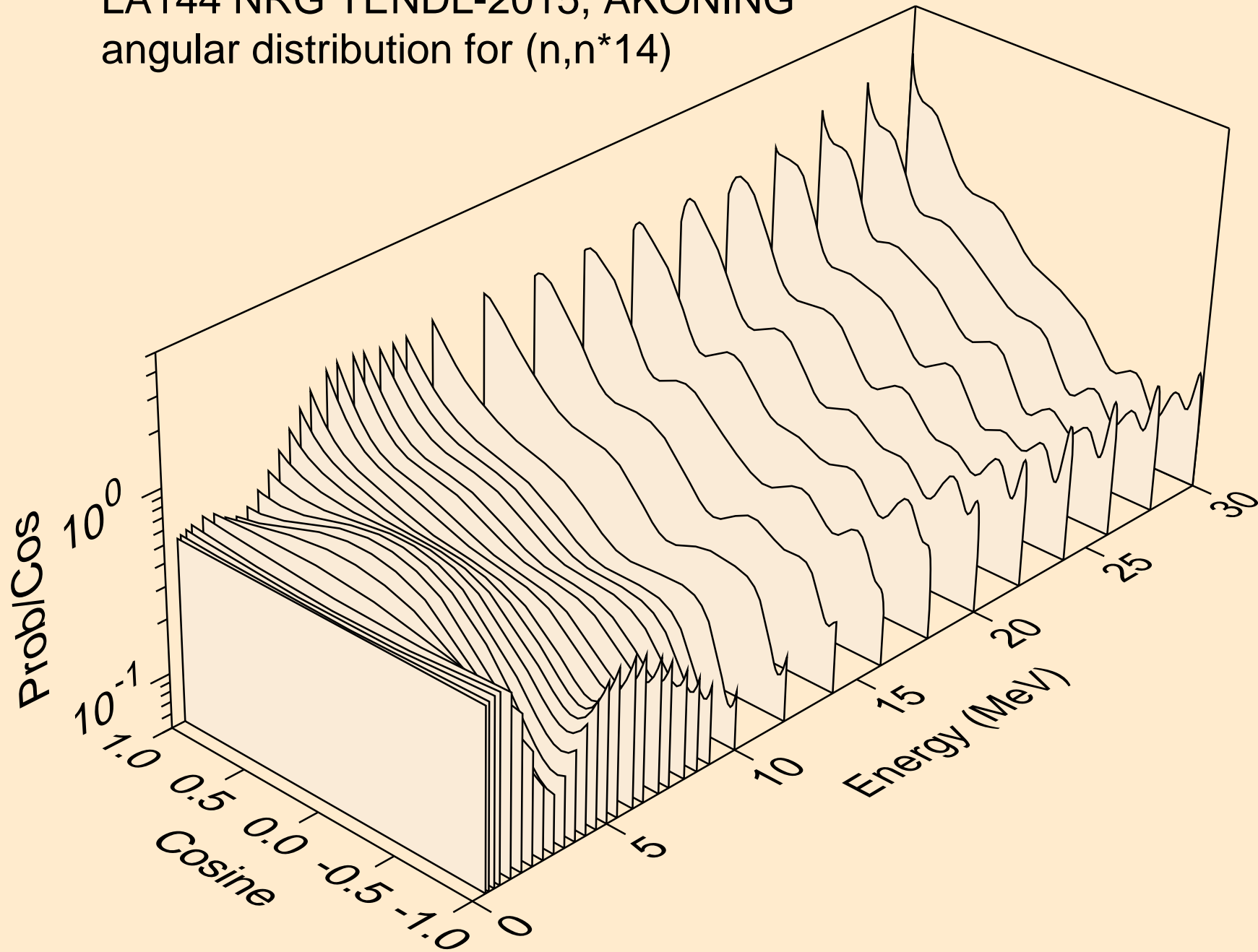
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

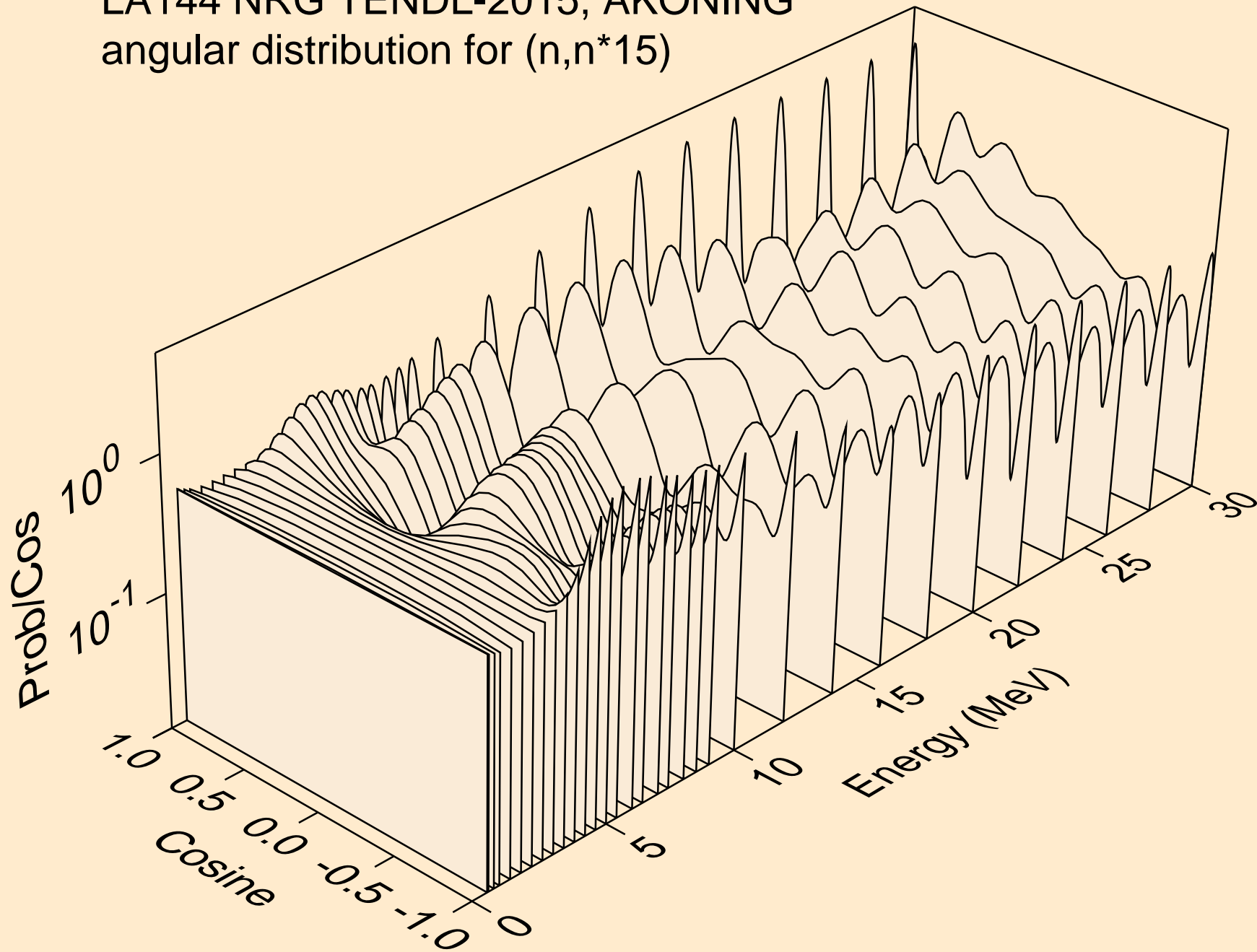


LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

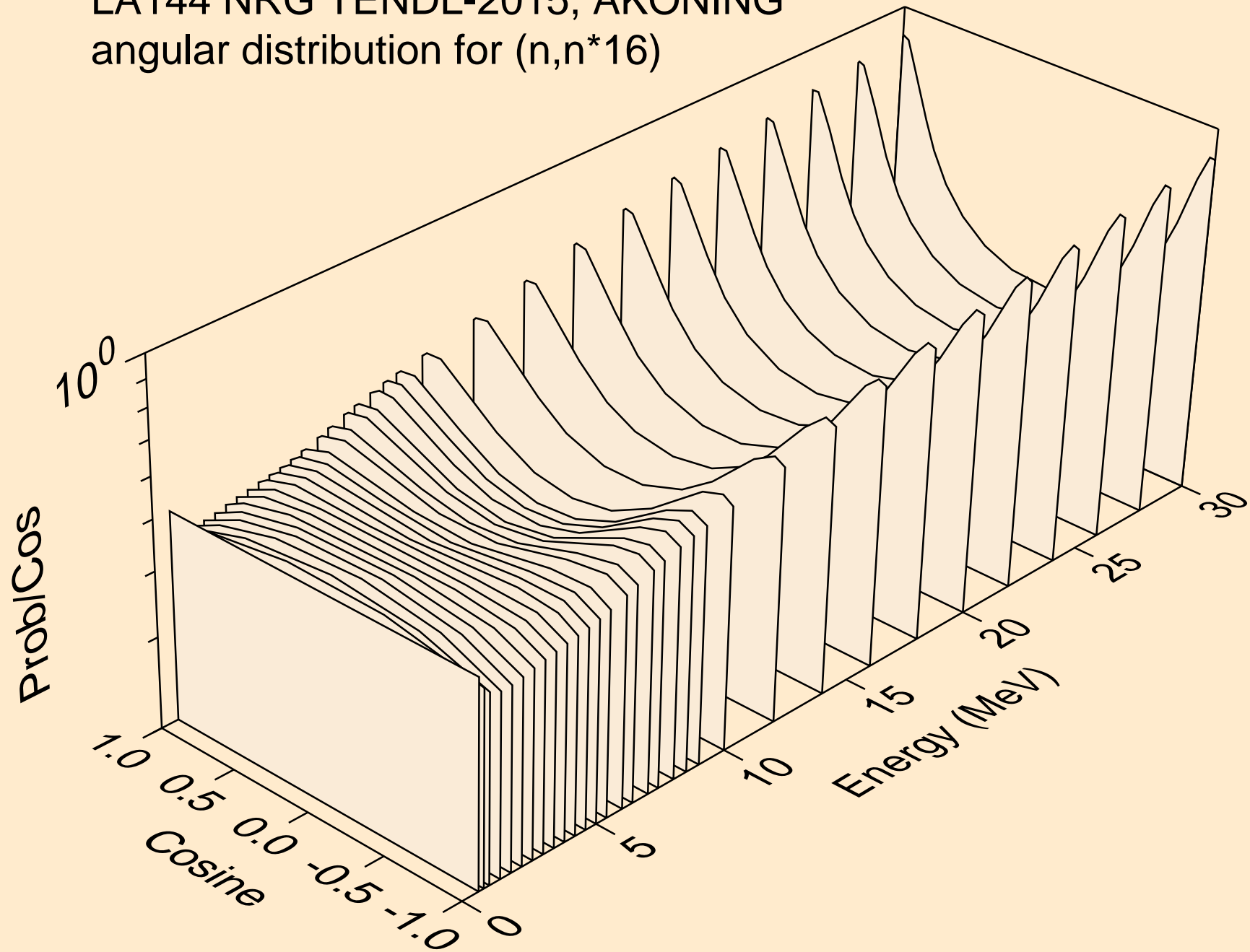




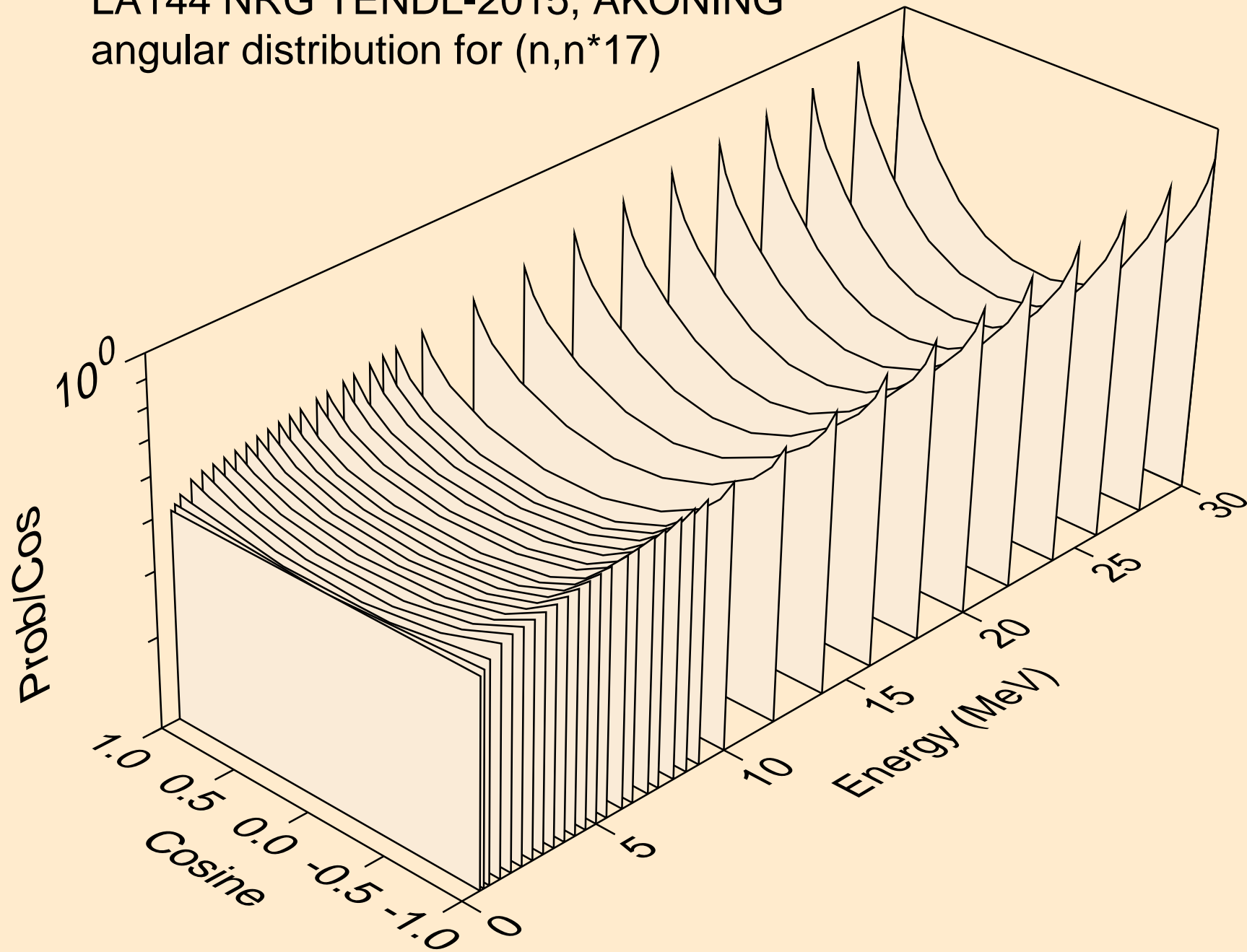
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



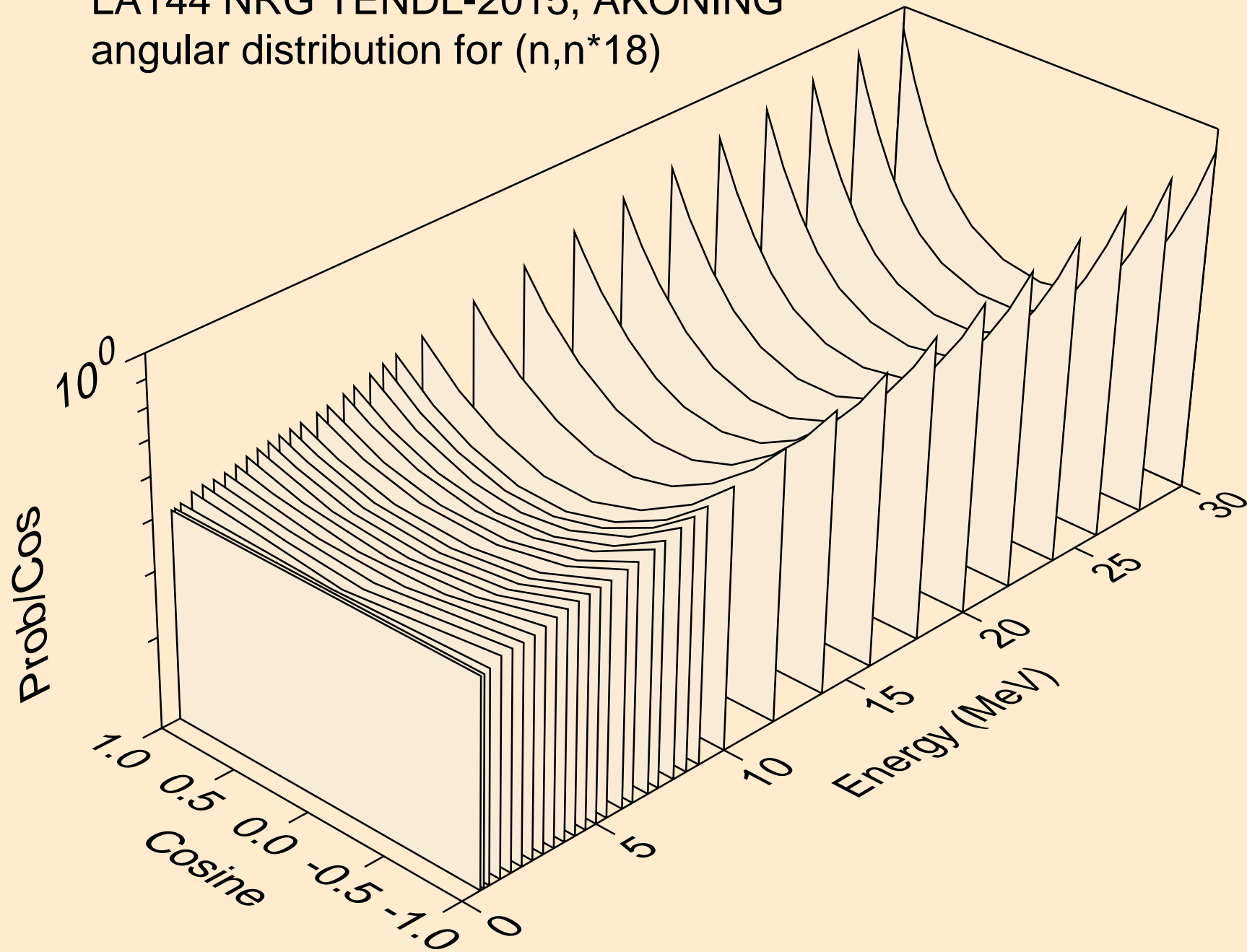
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



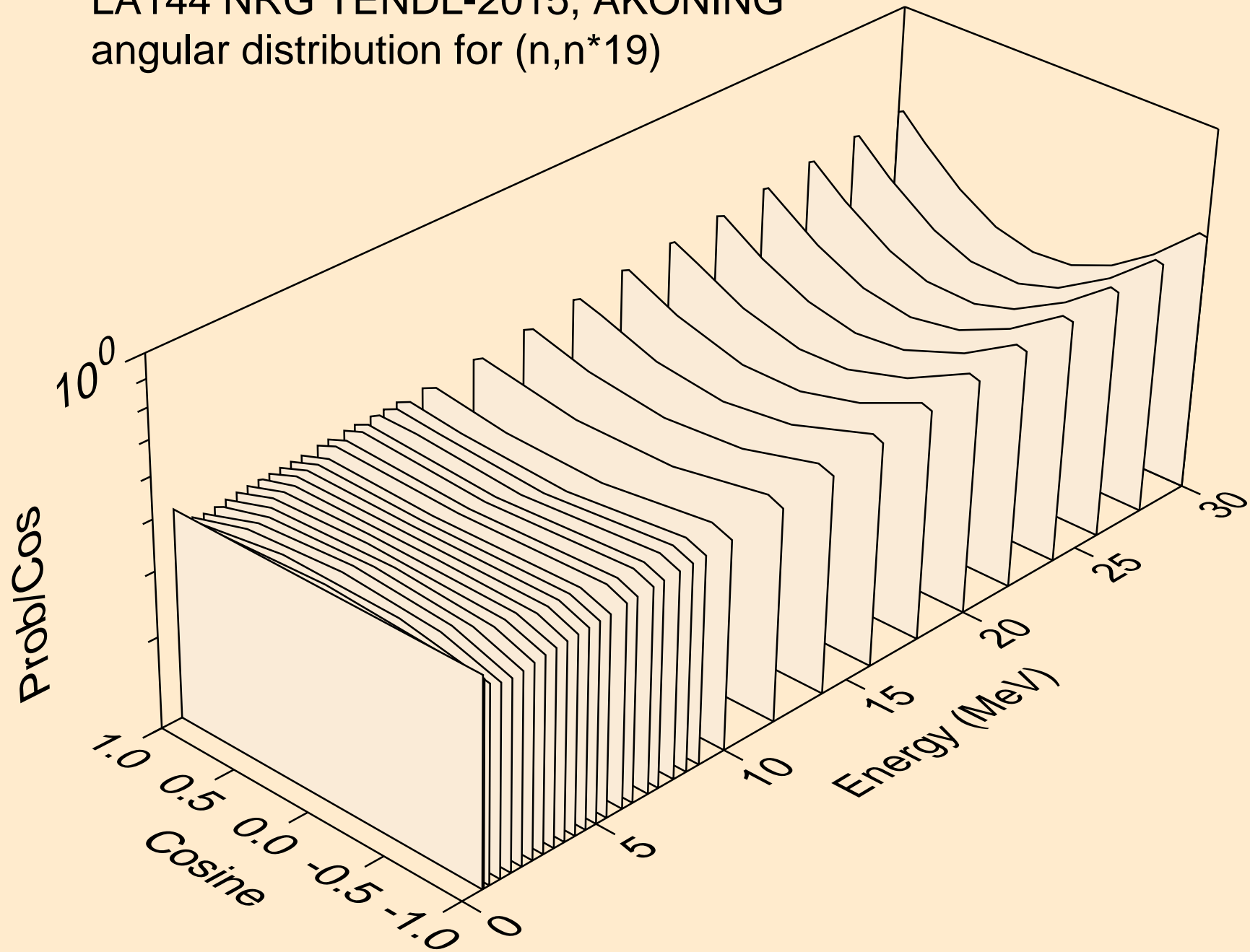
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



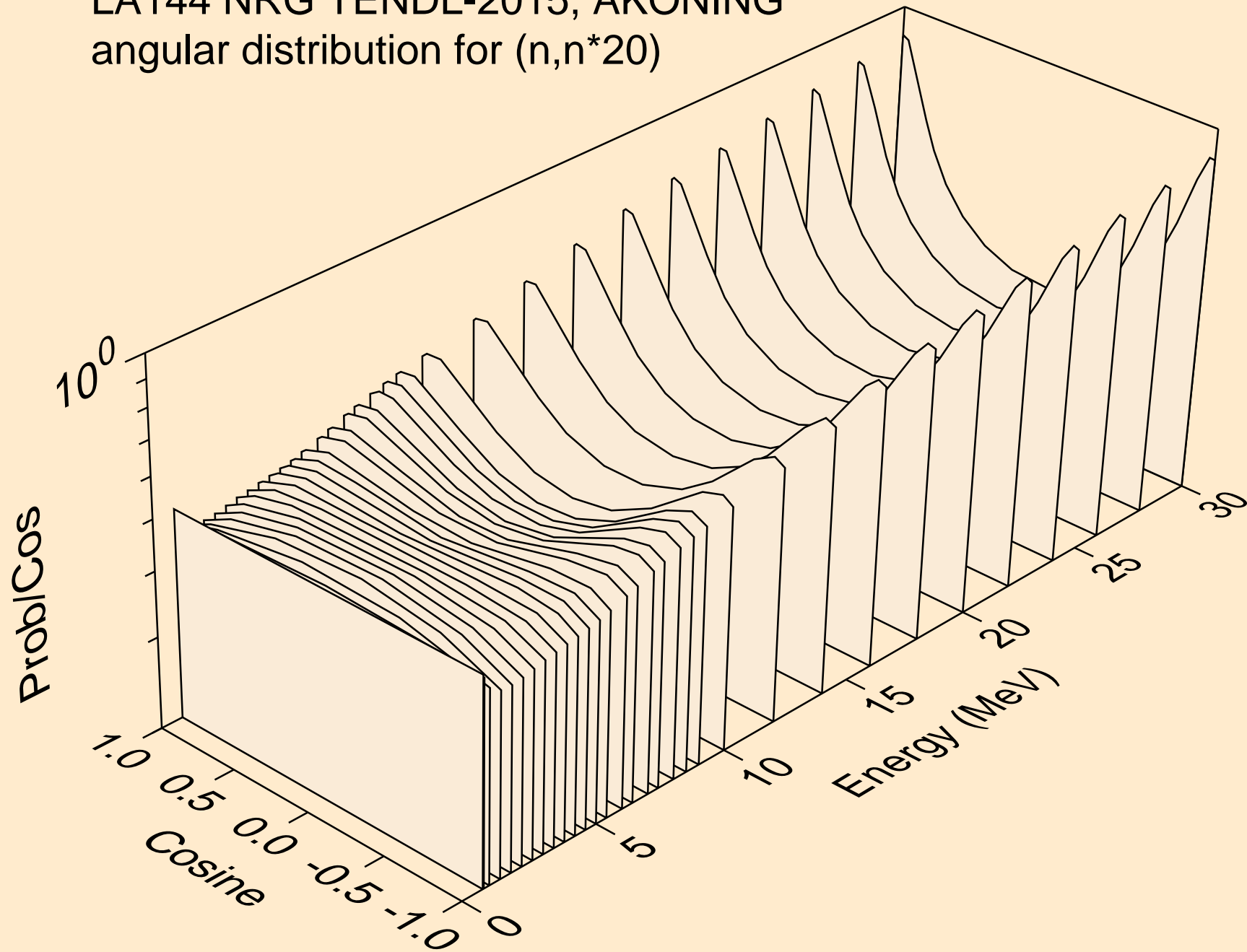
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



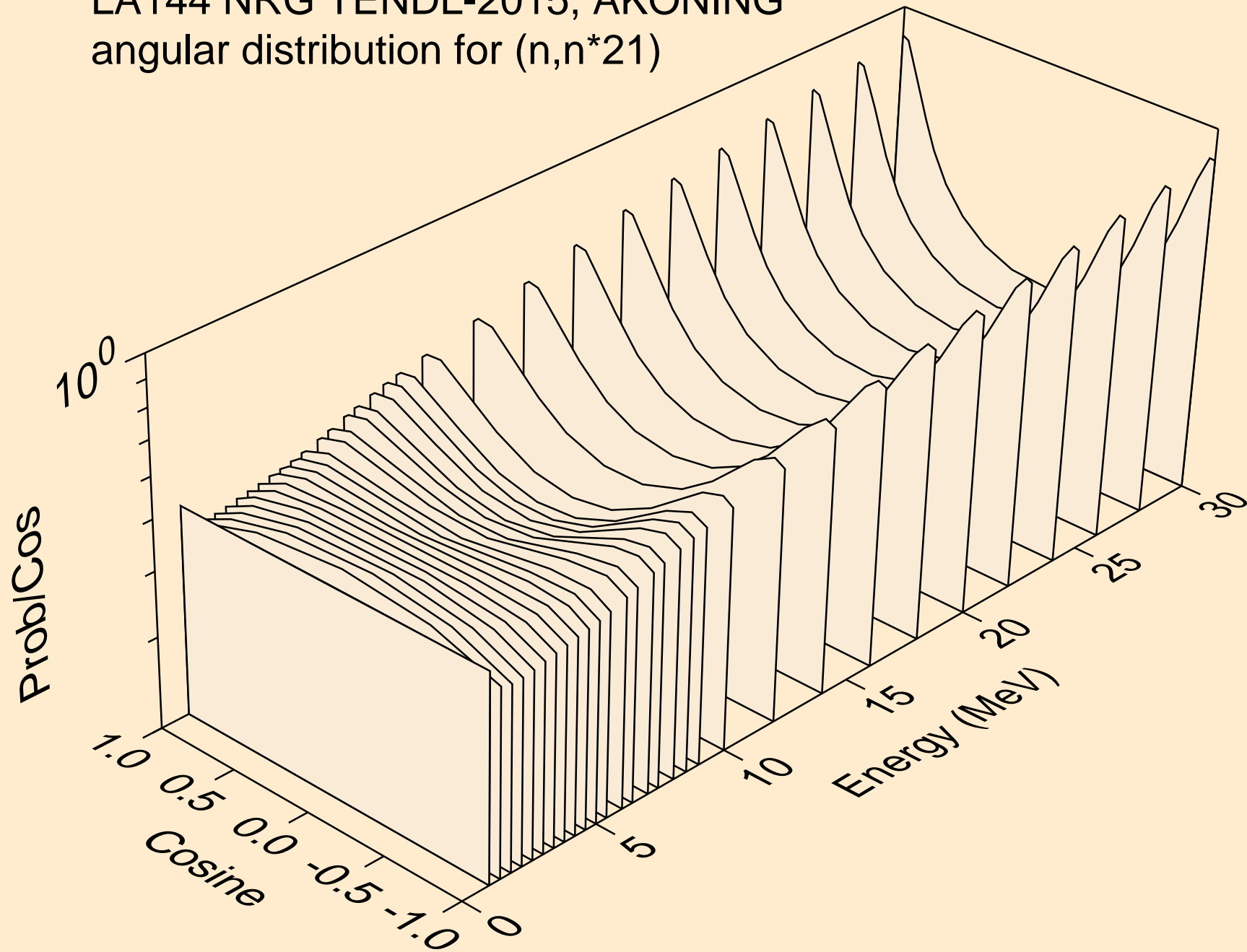
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



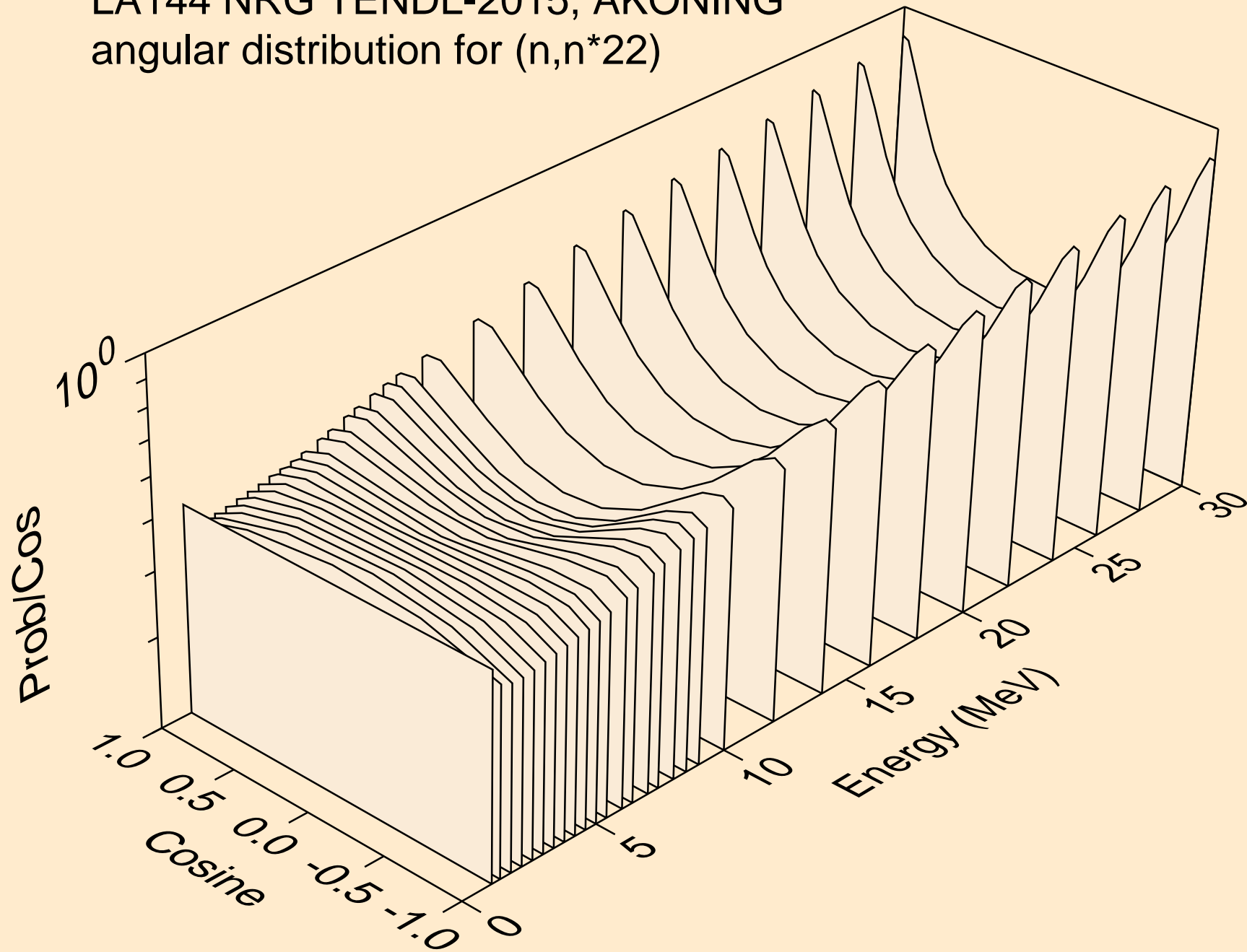
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

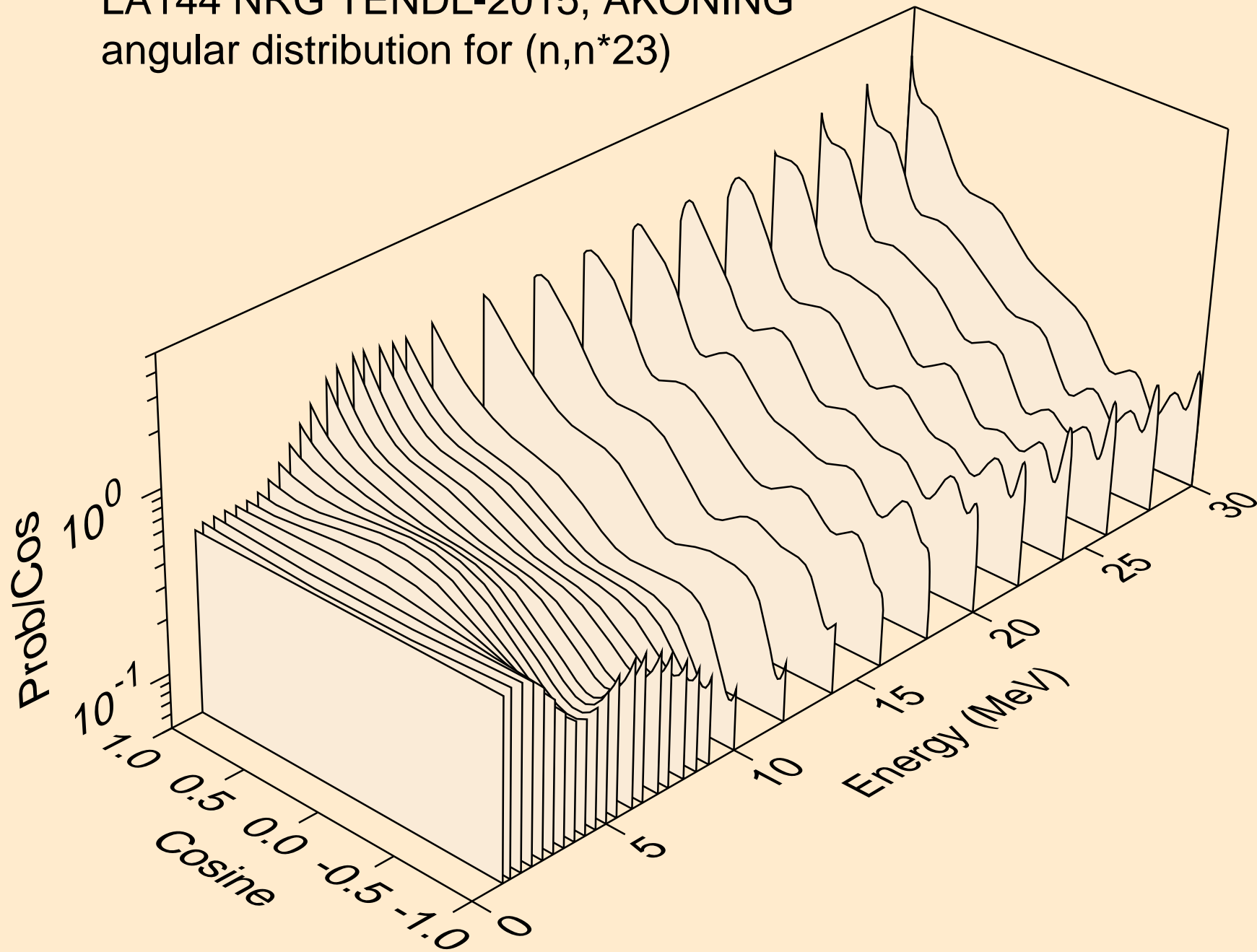


LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

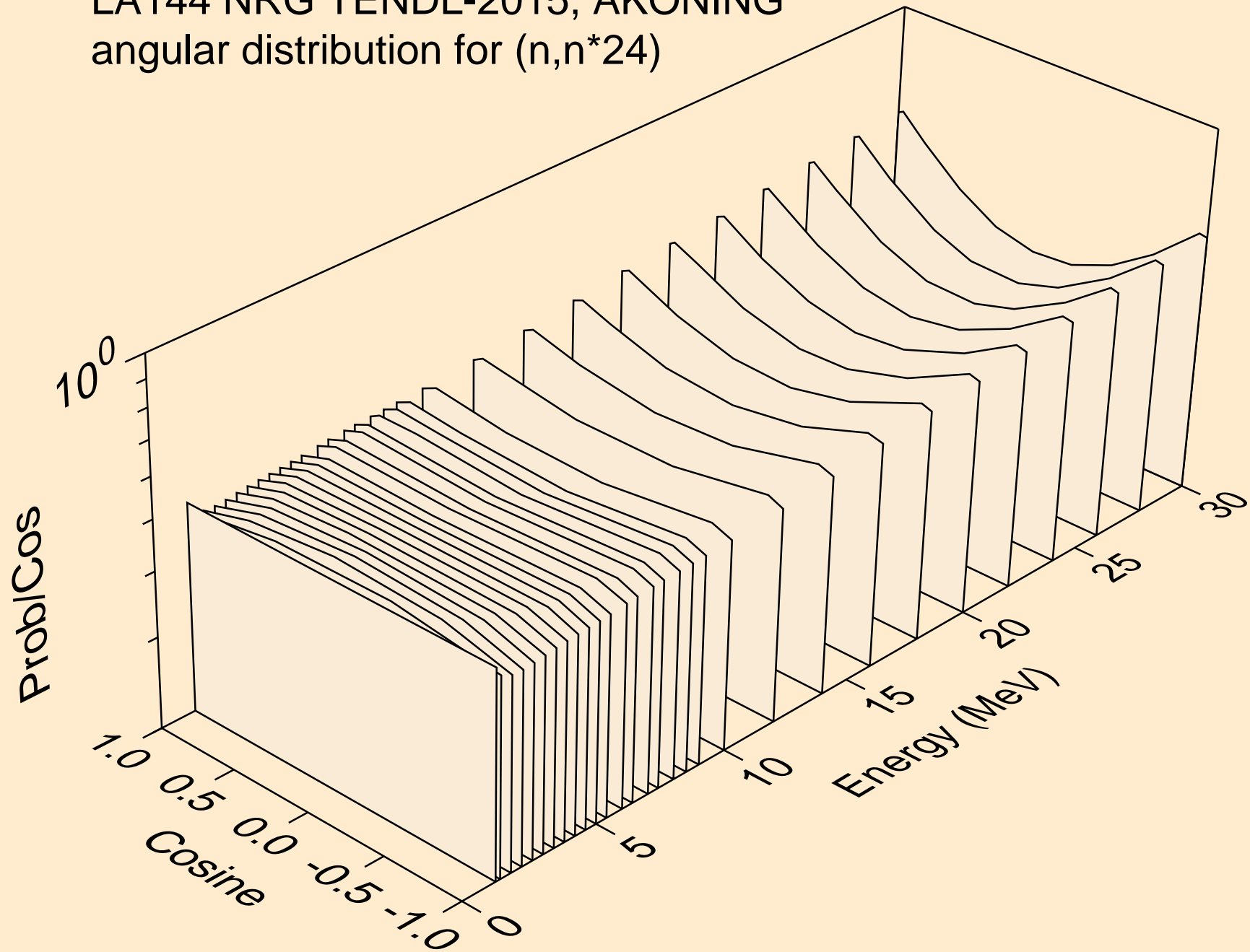




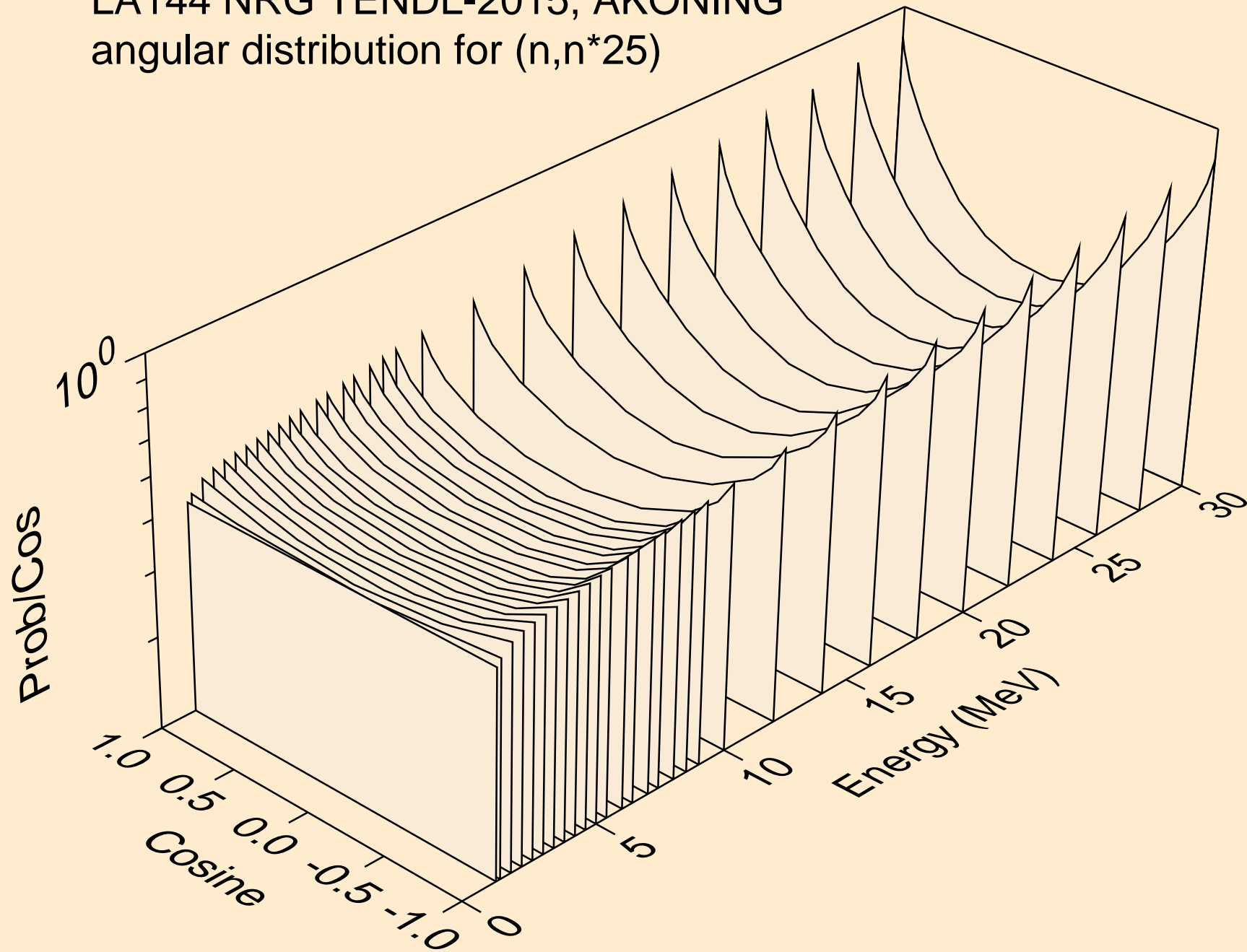
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



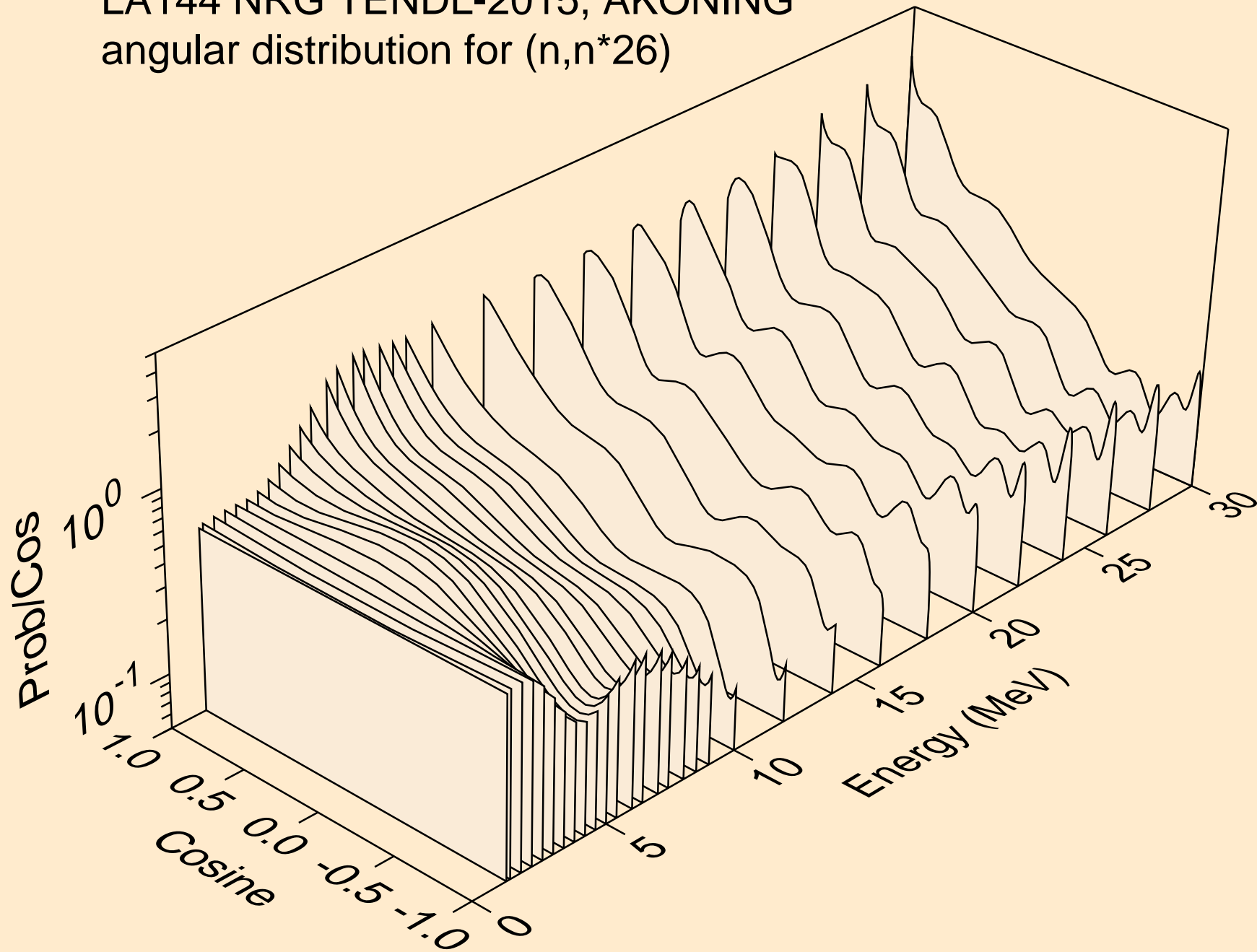
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



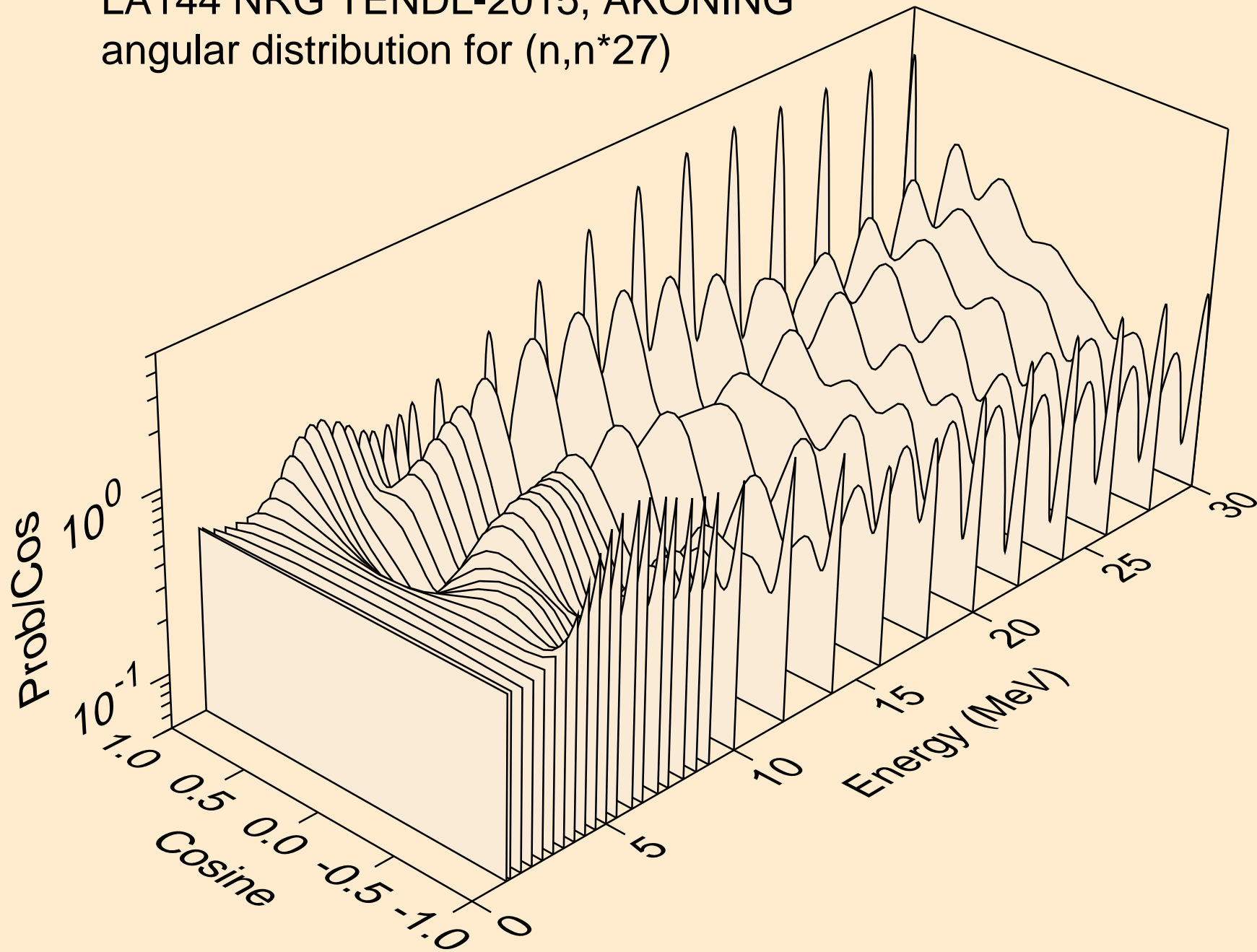
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



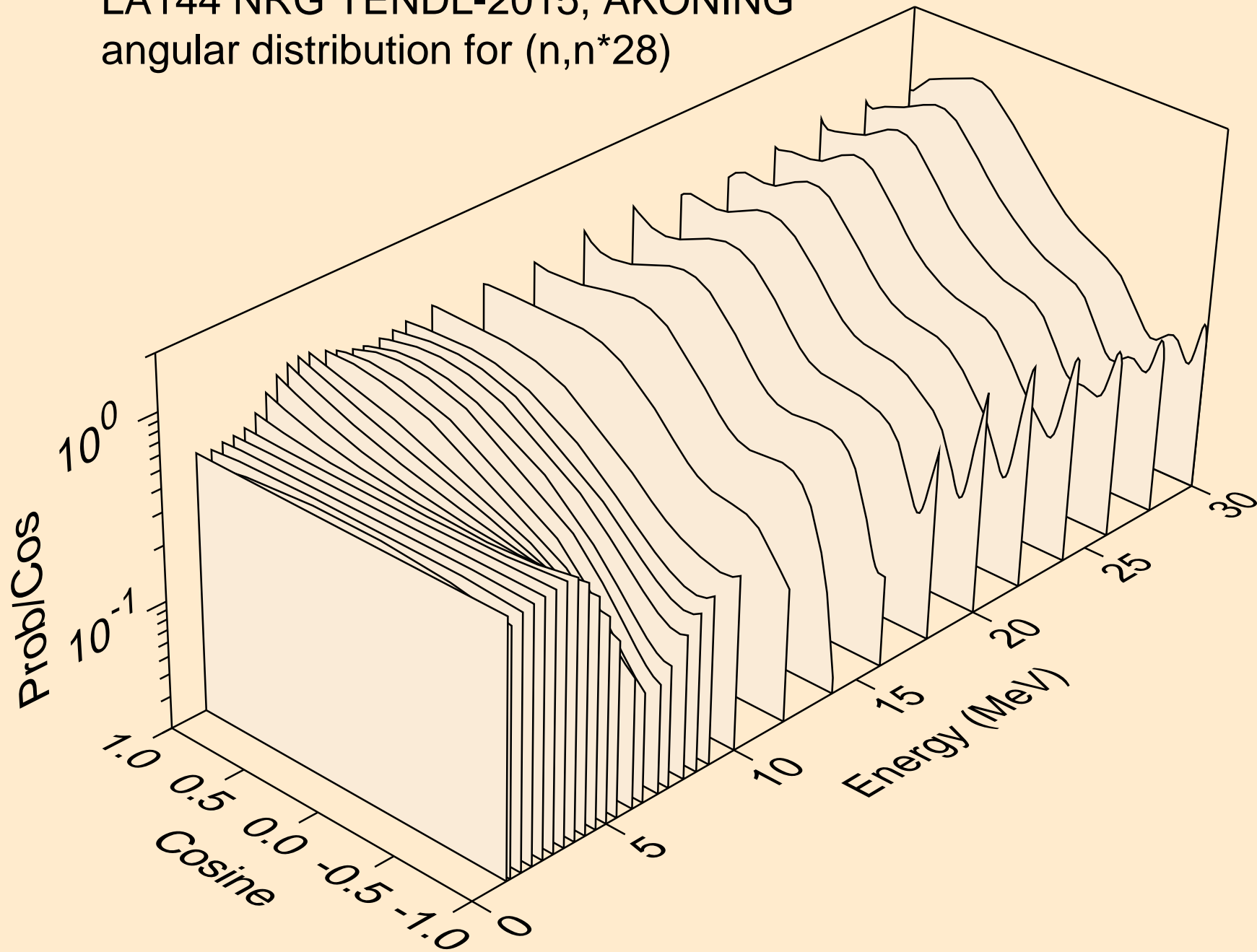
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



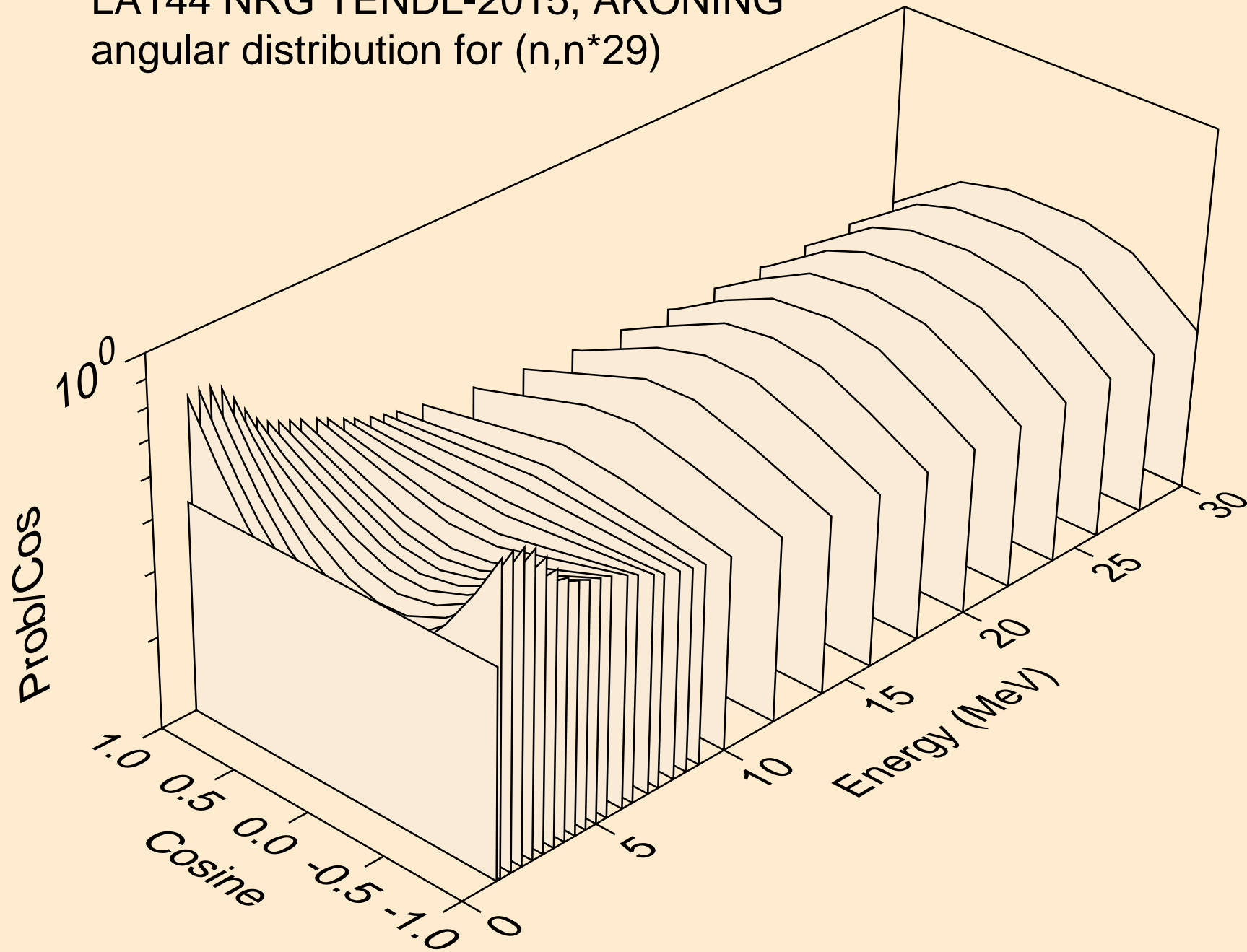
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



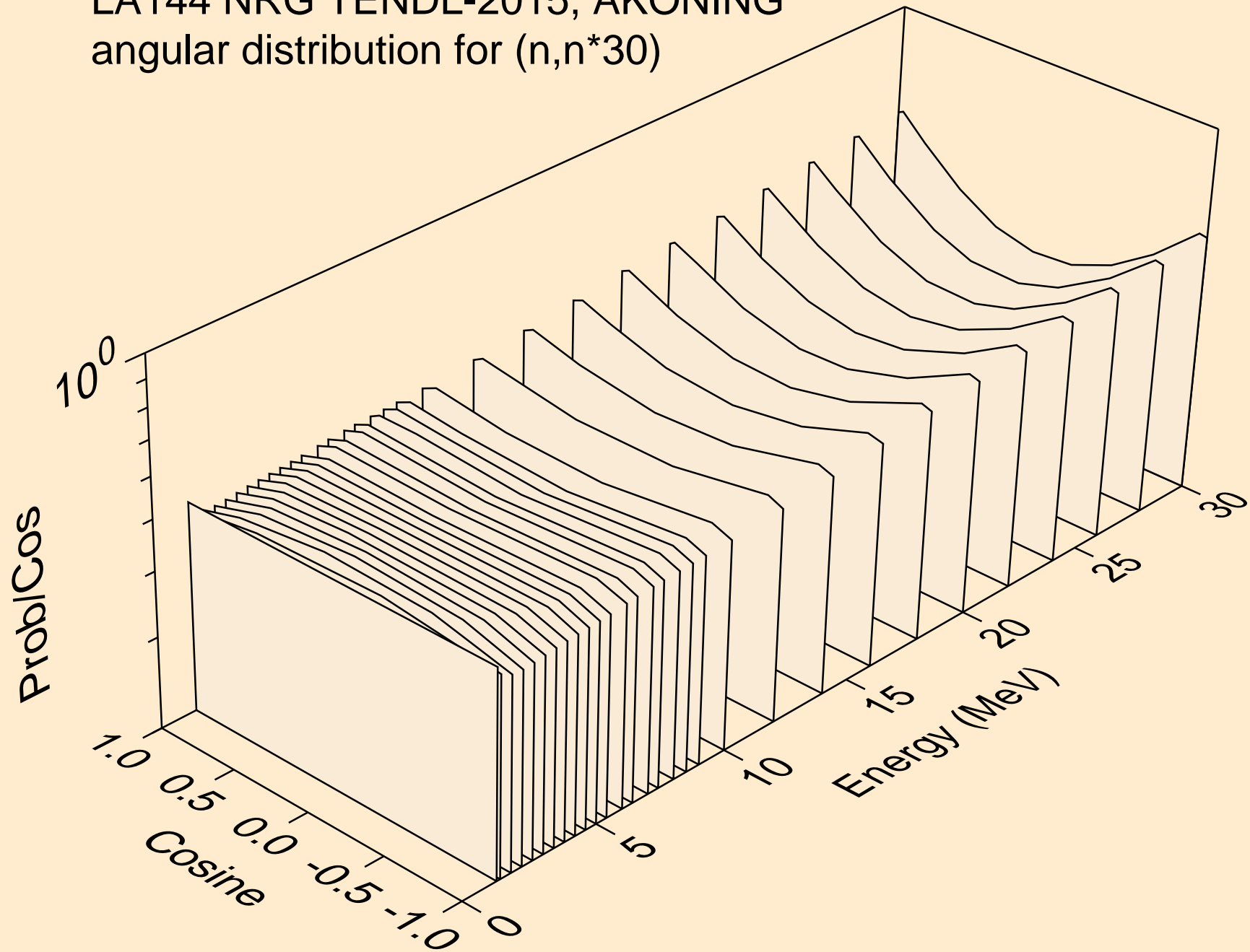
LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

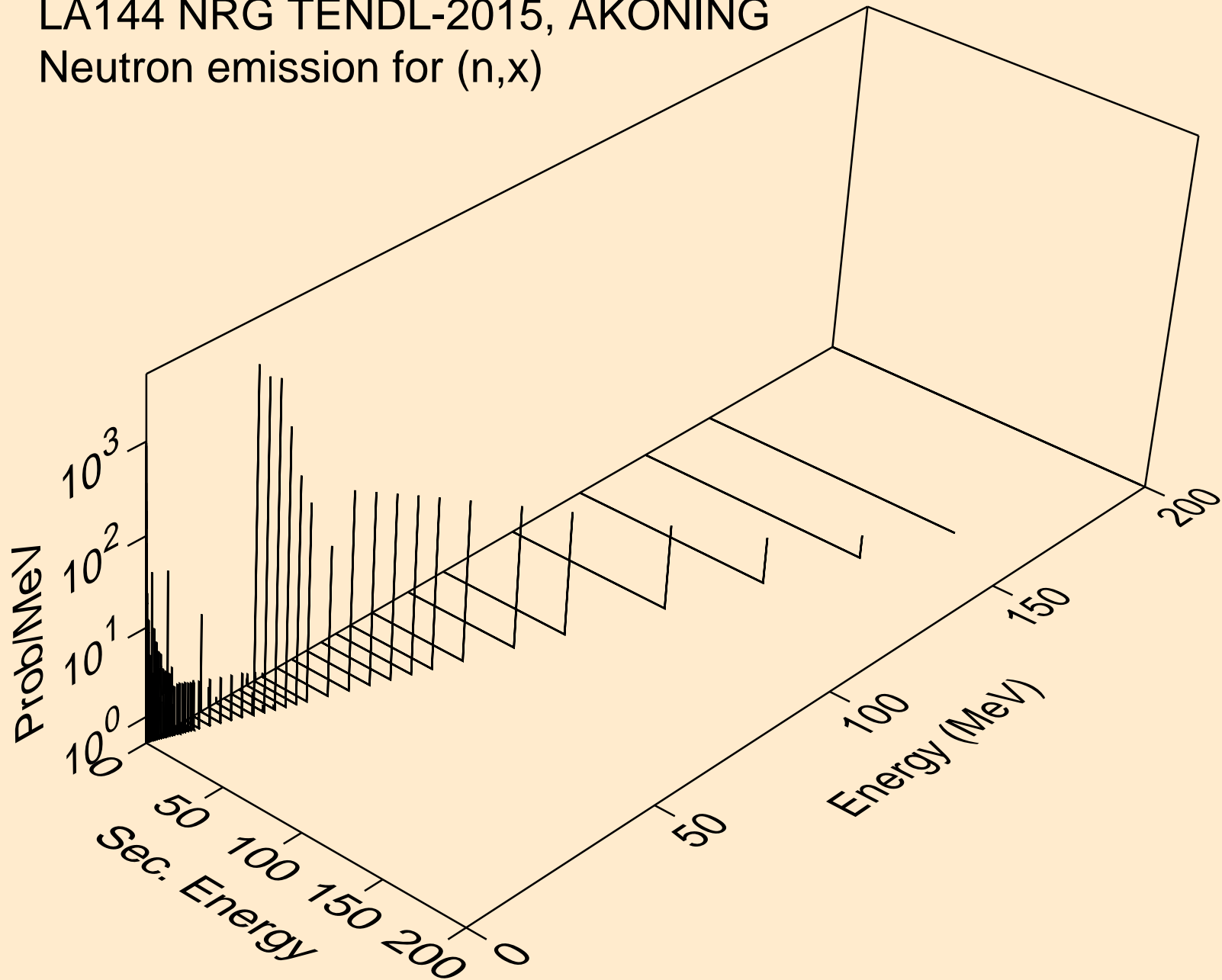


LA144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

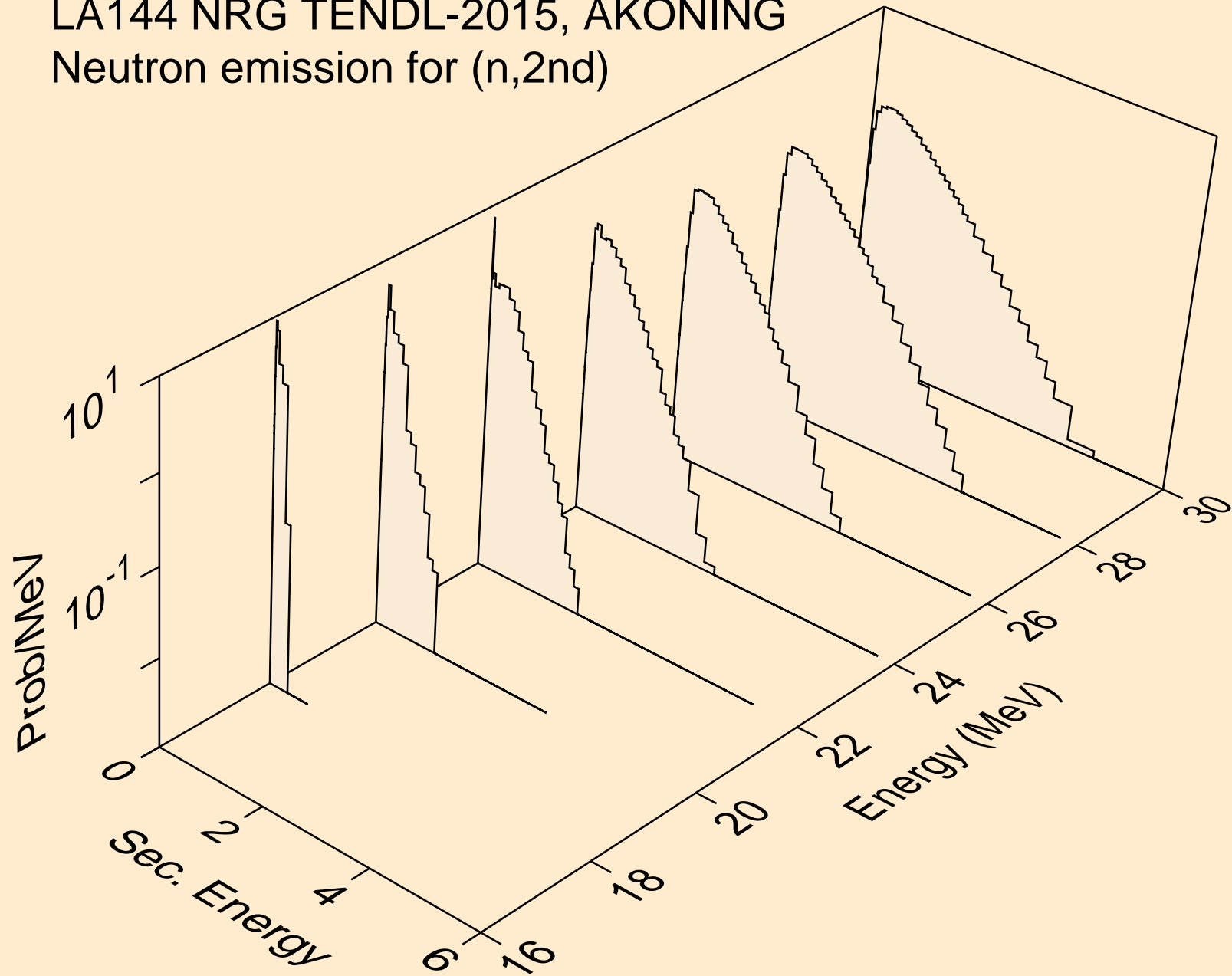




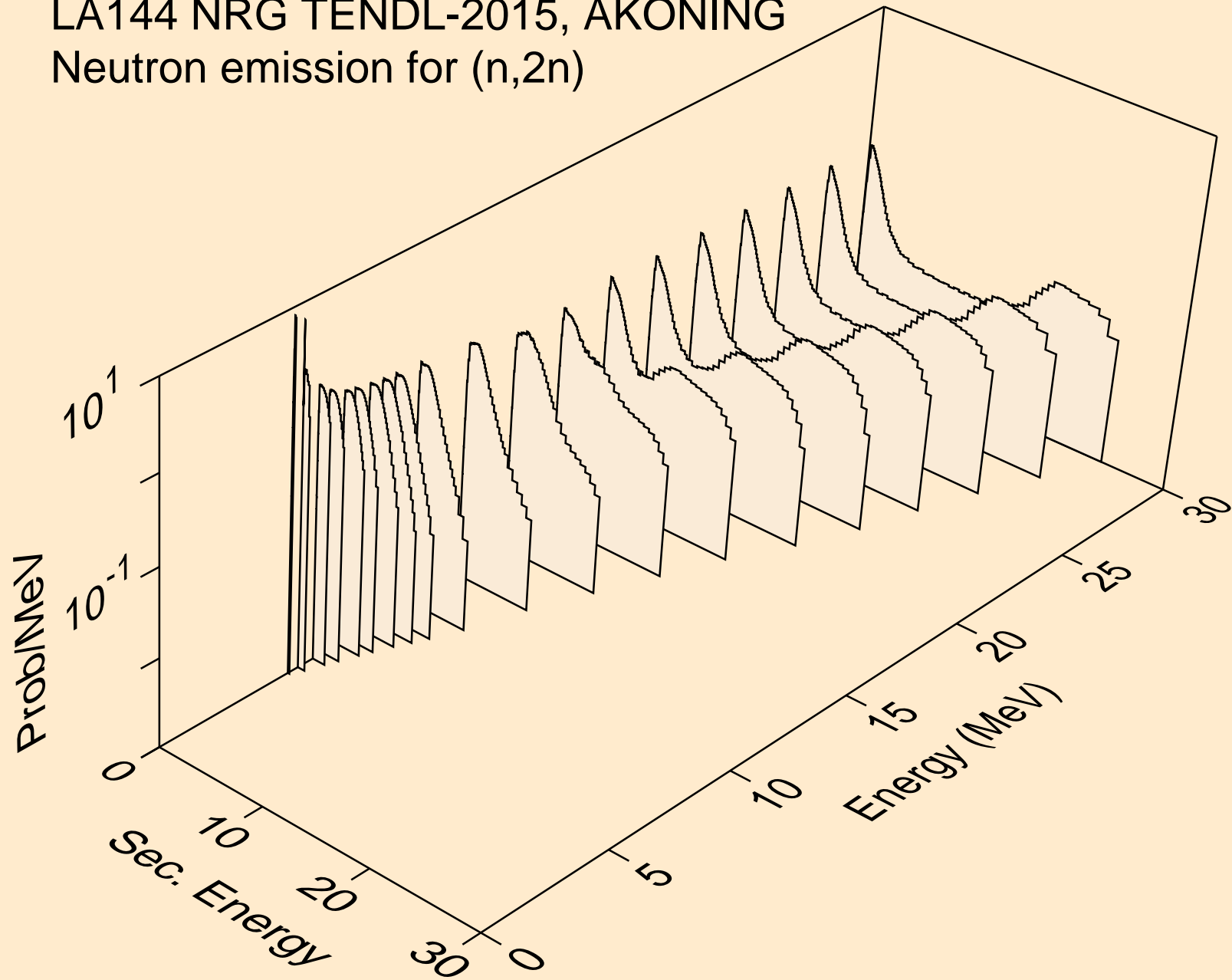
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



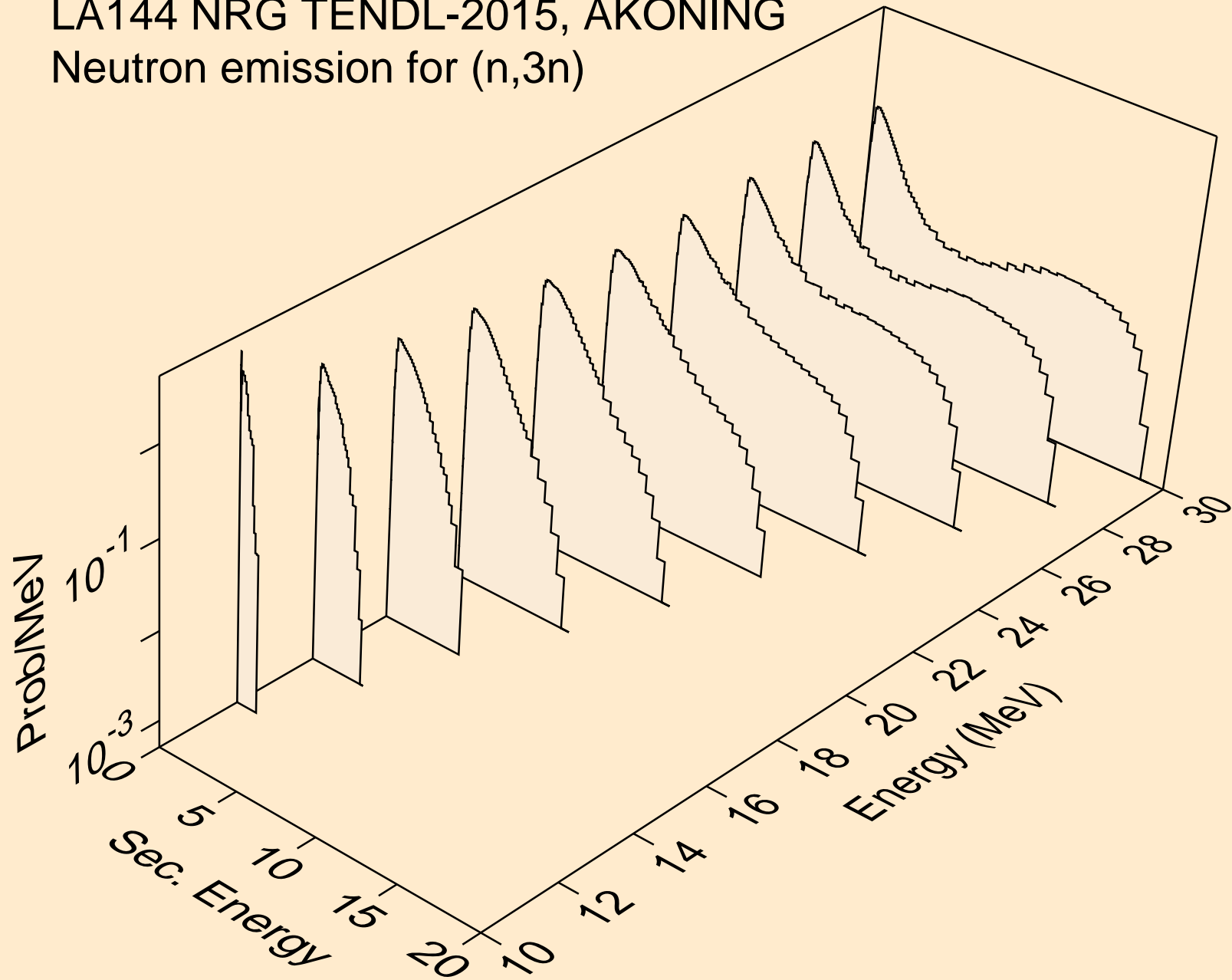
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



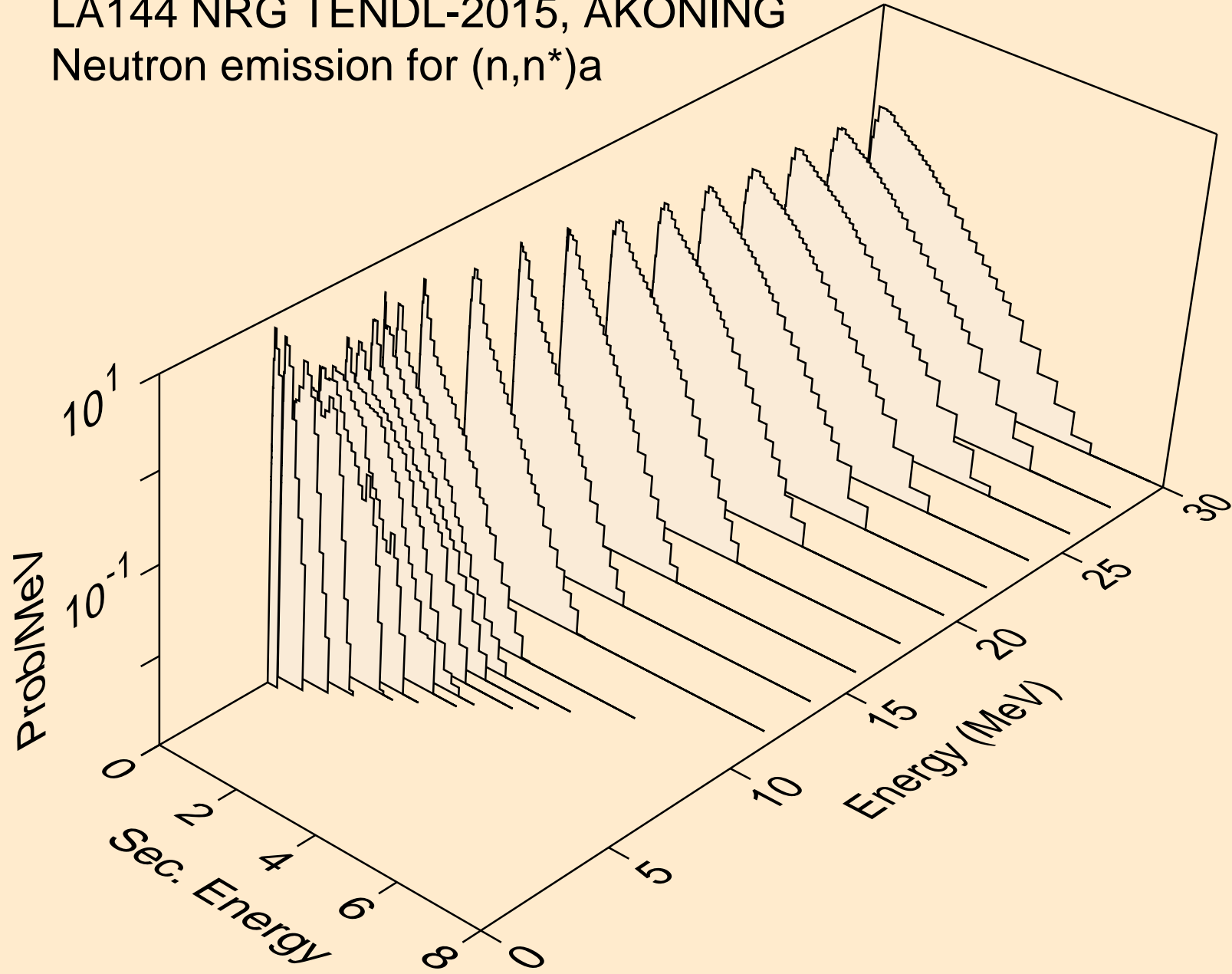
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



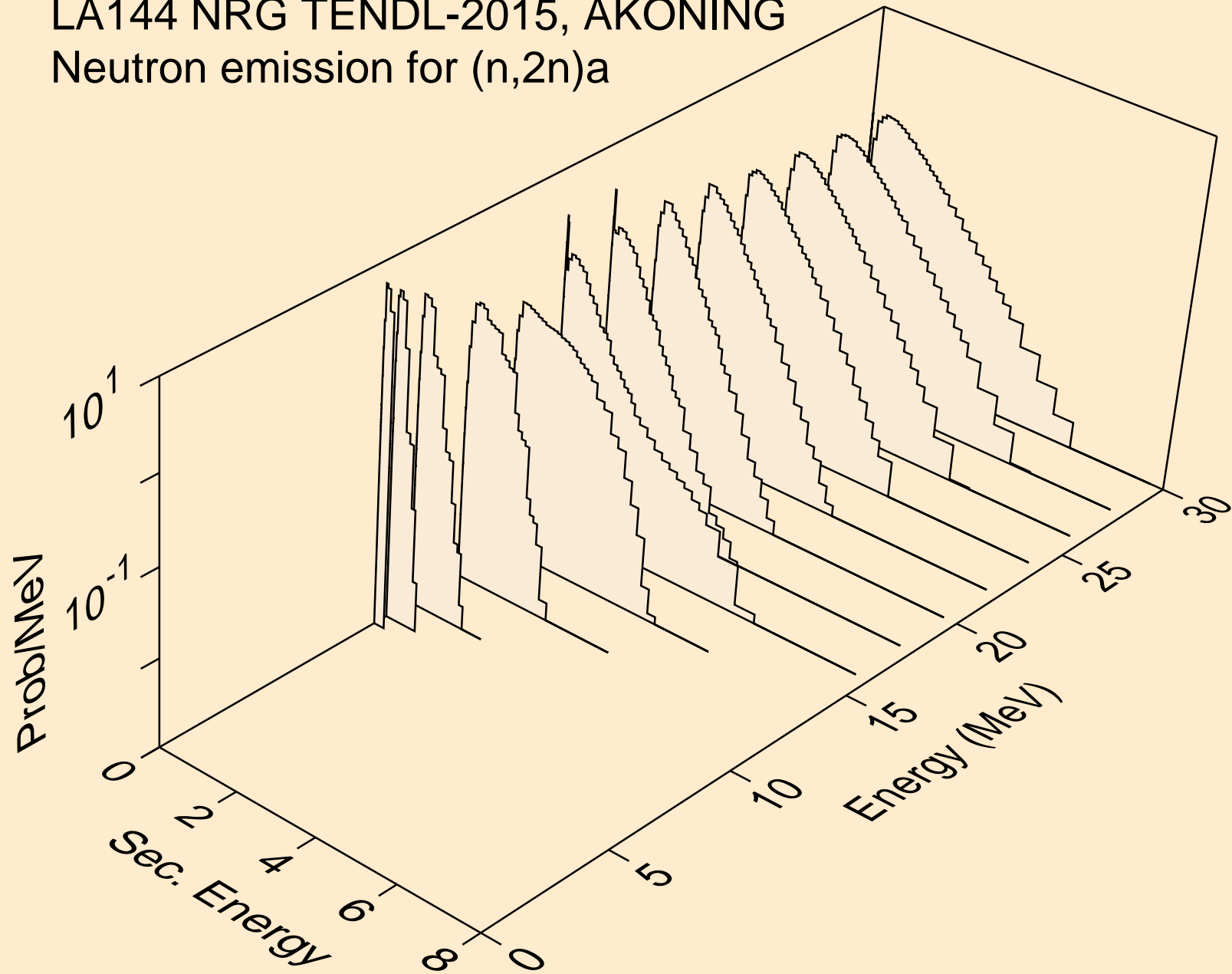
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



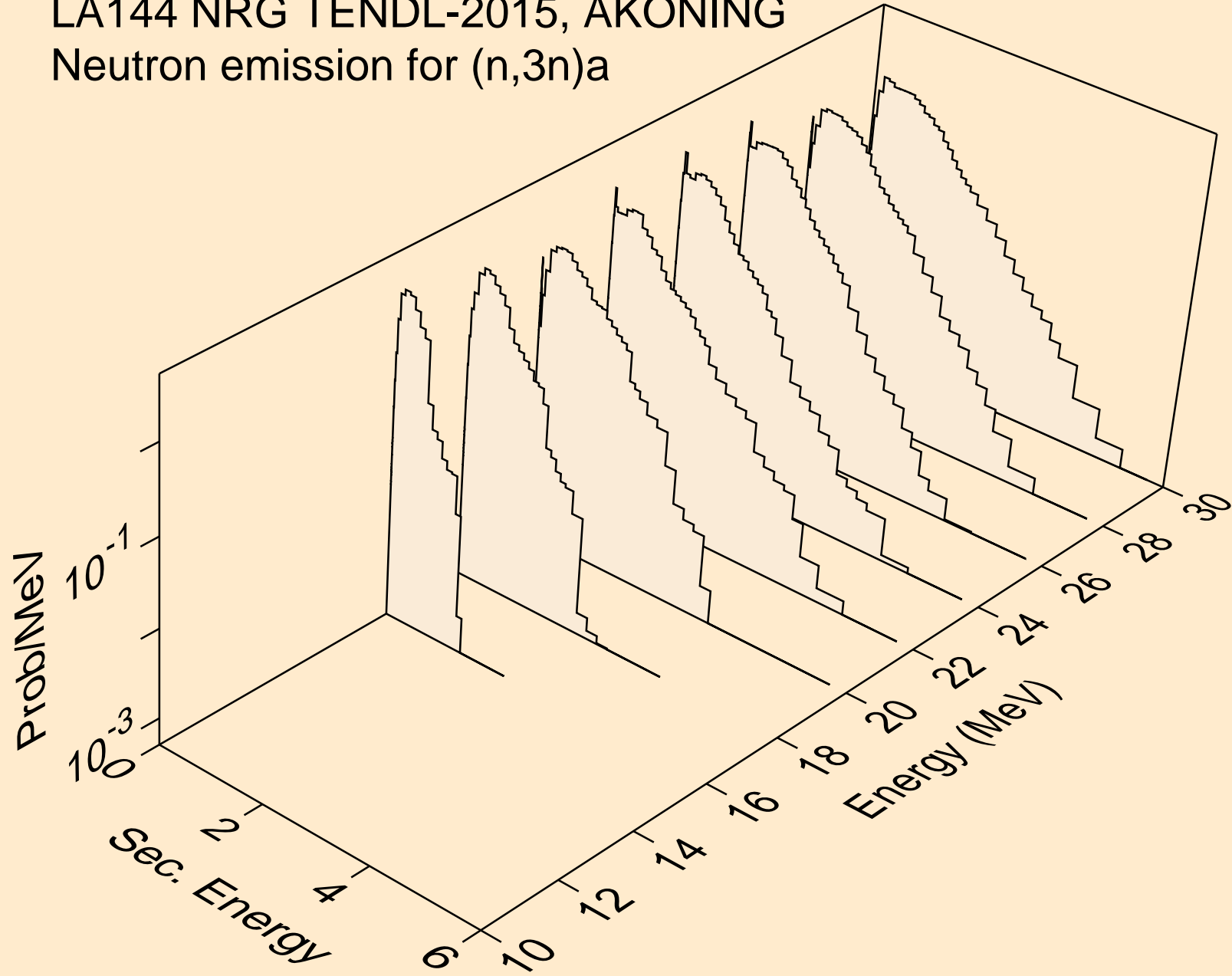
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



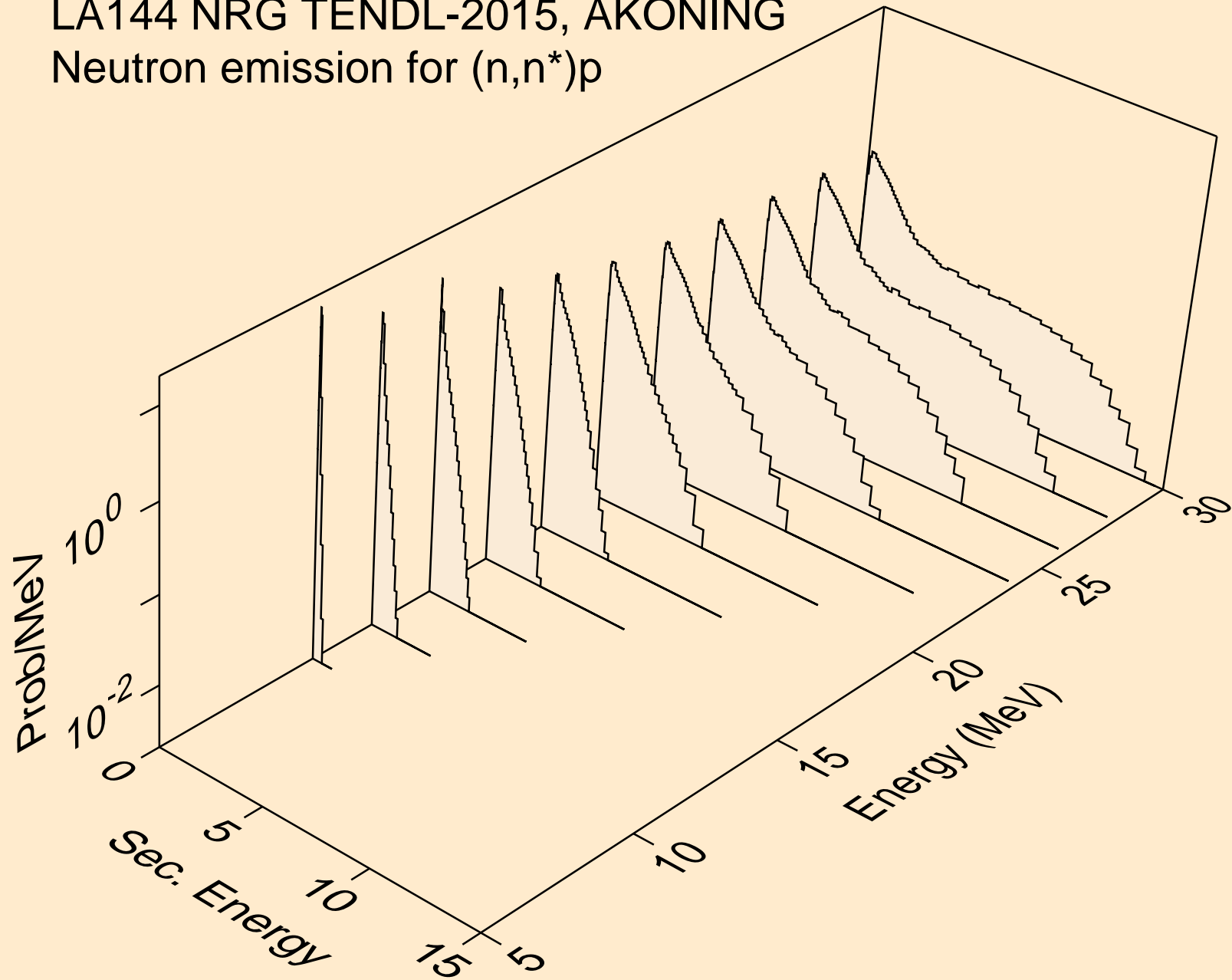
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

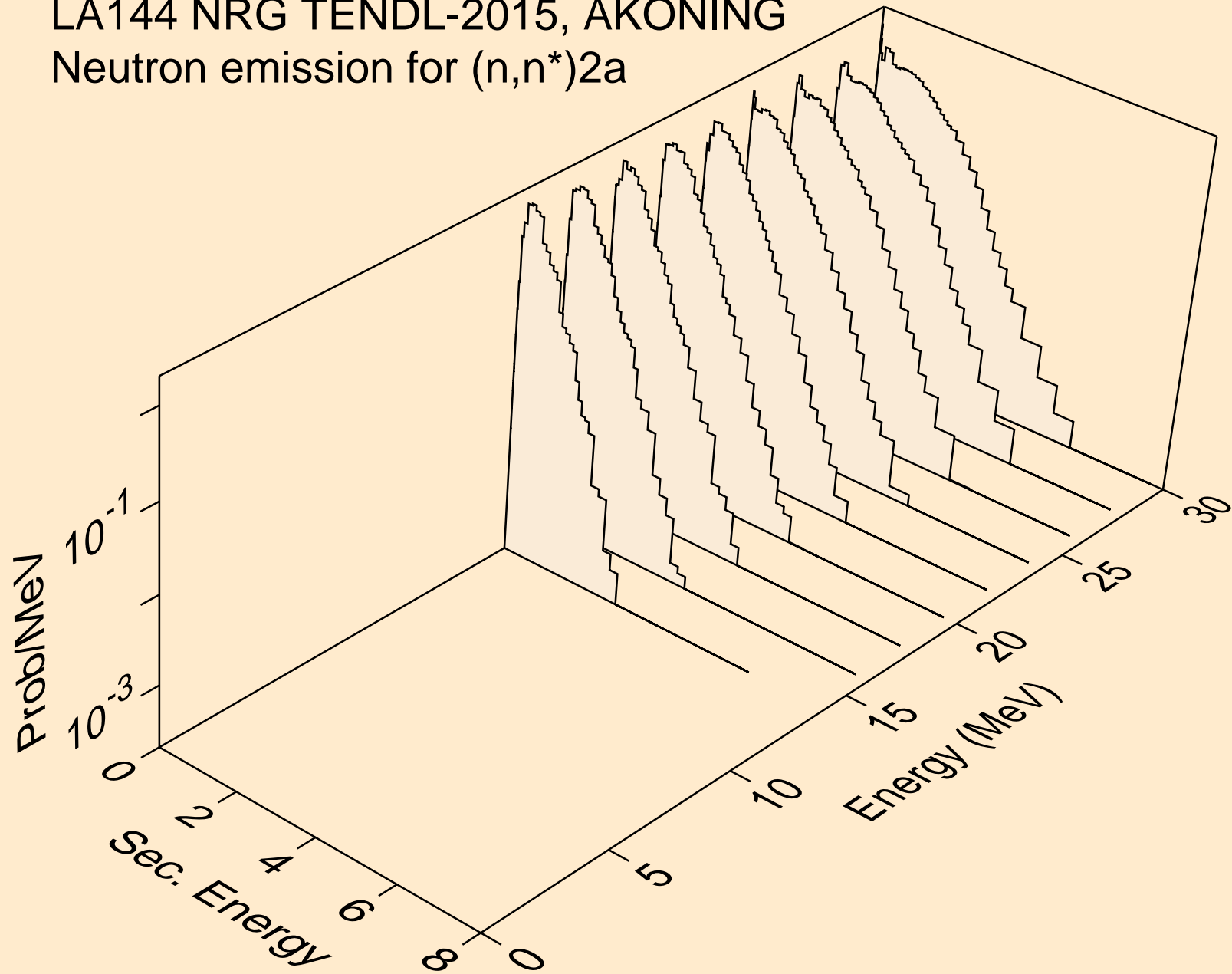


LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

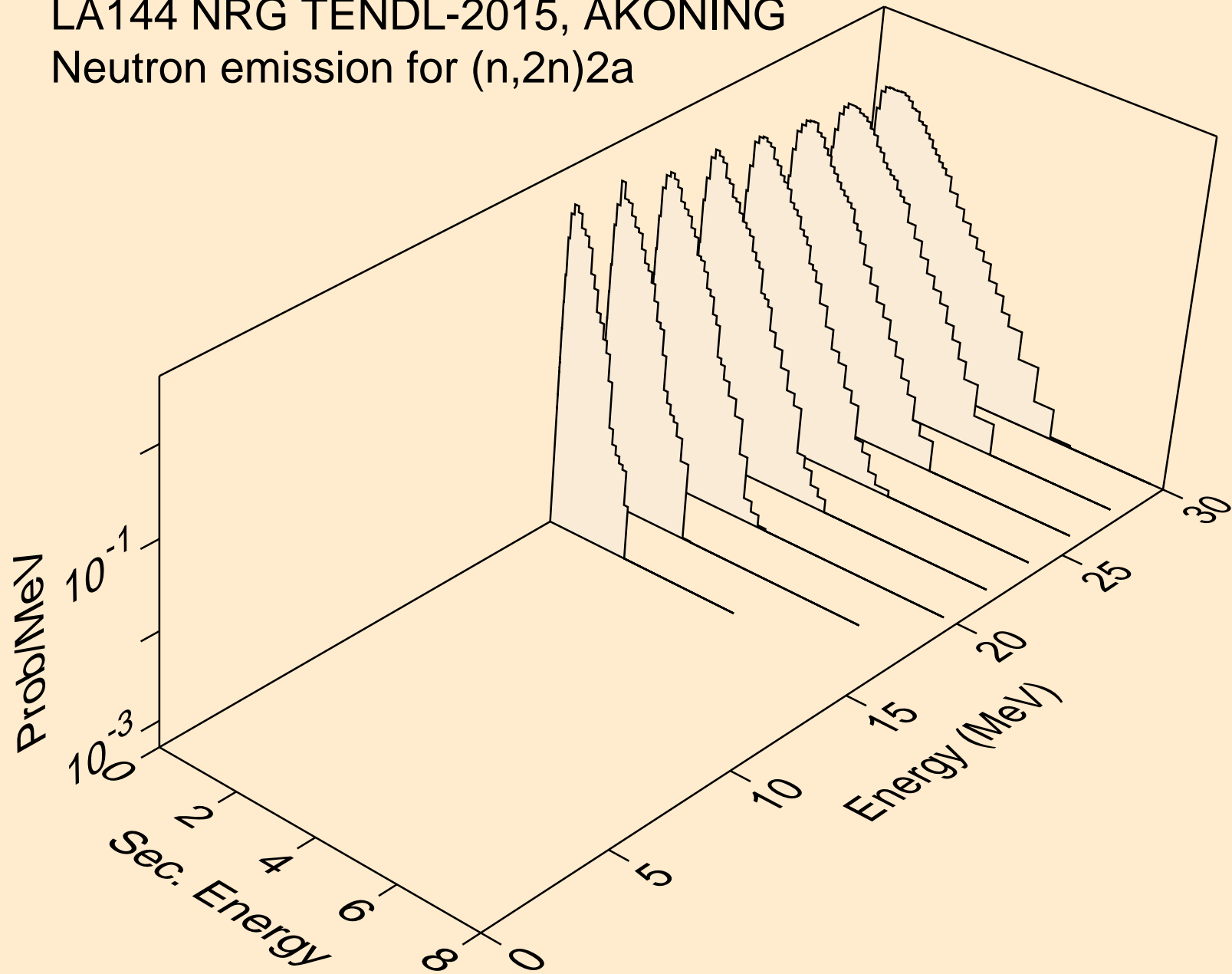




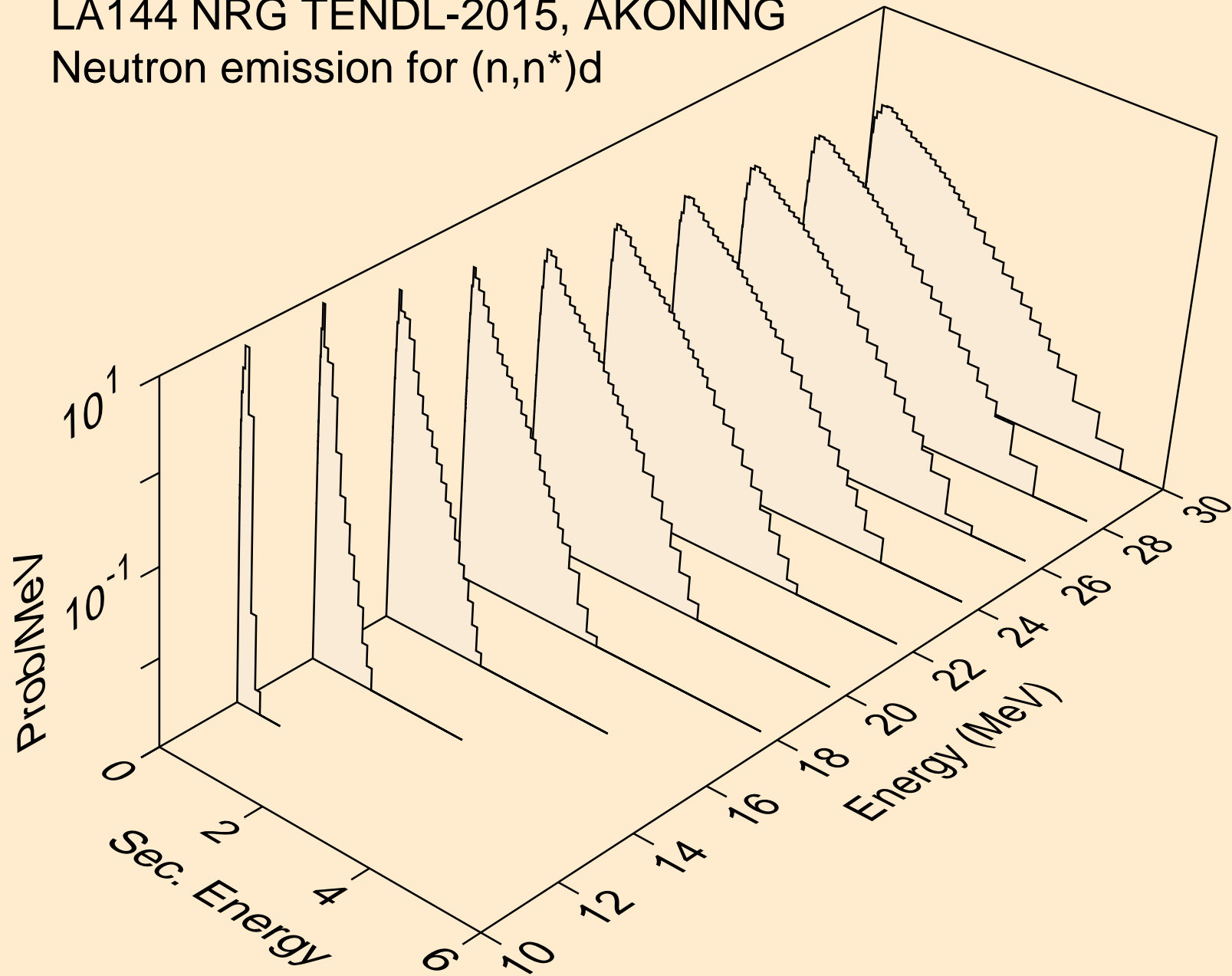
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



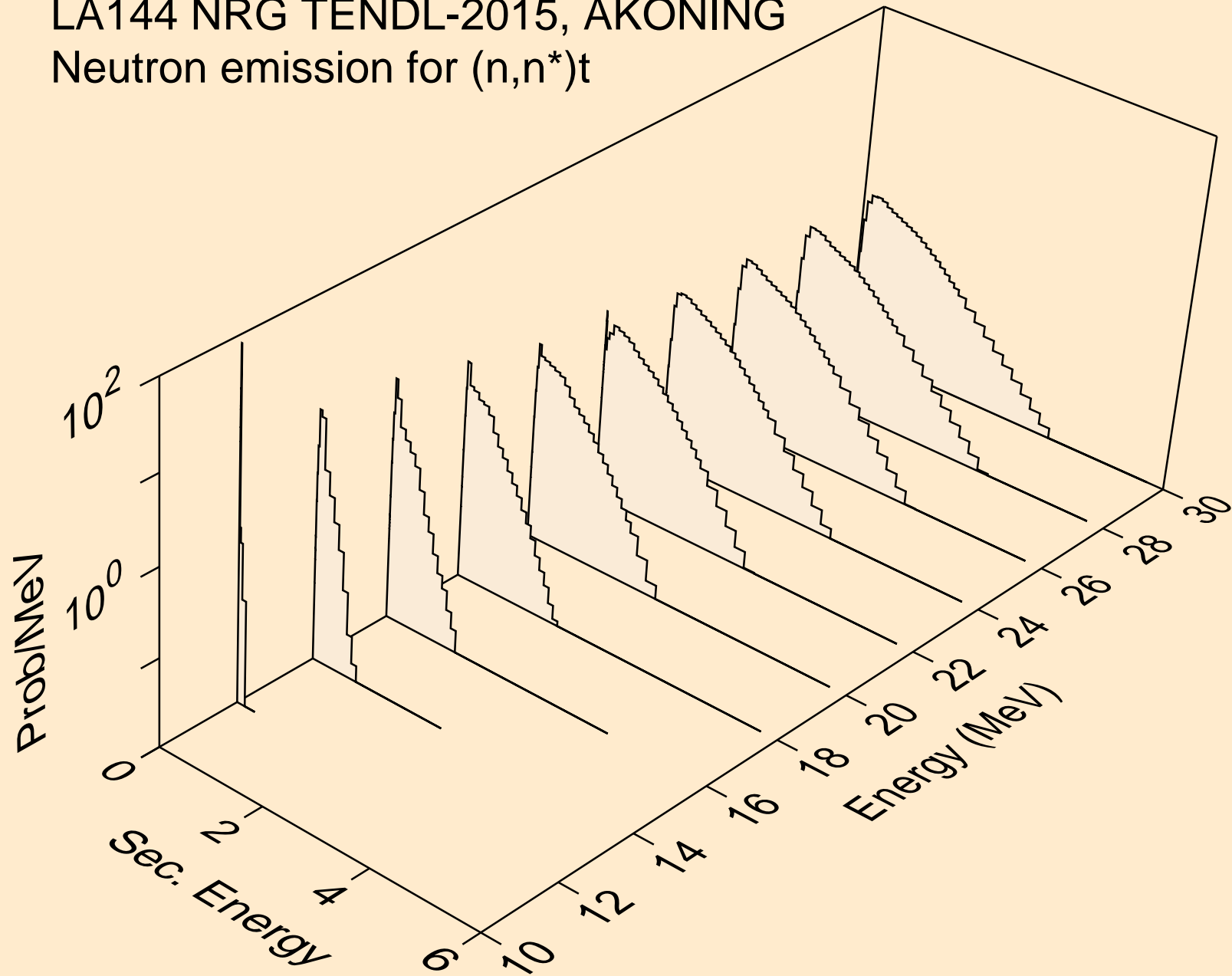
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



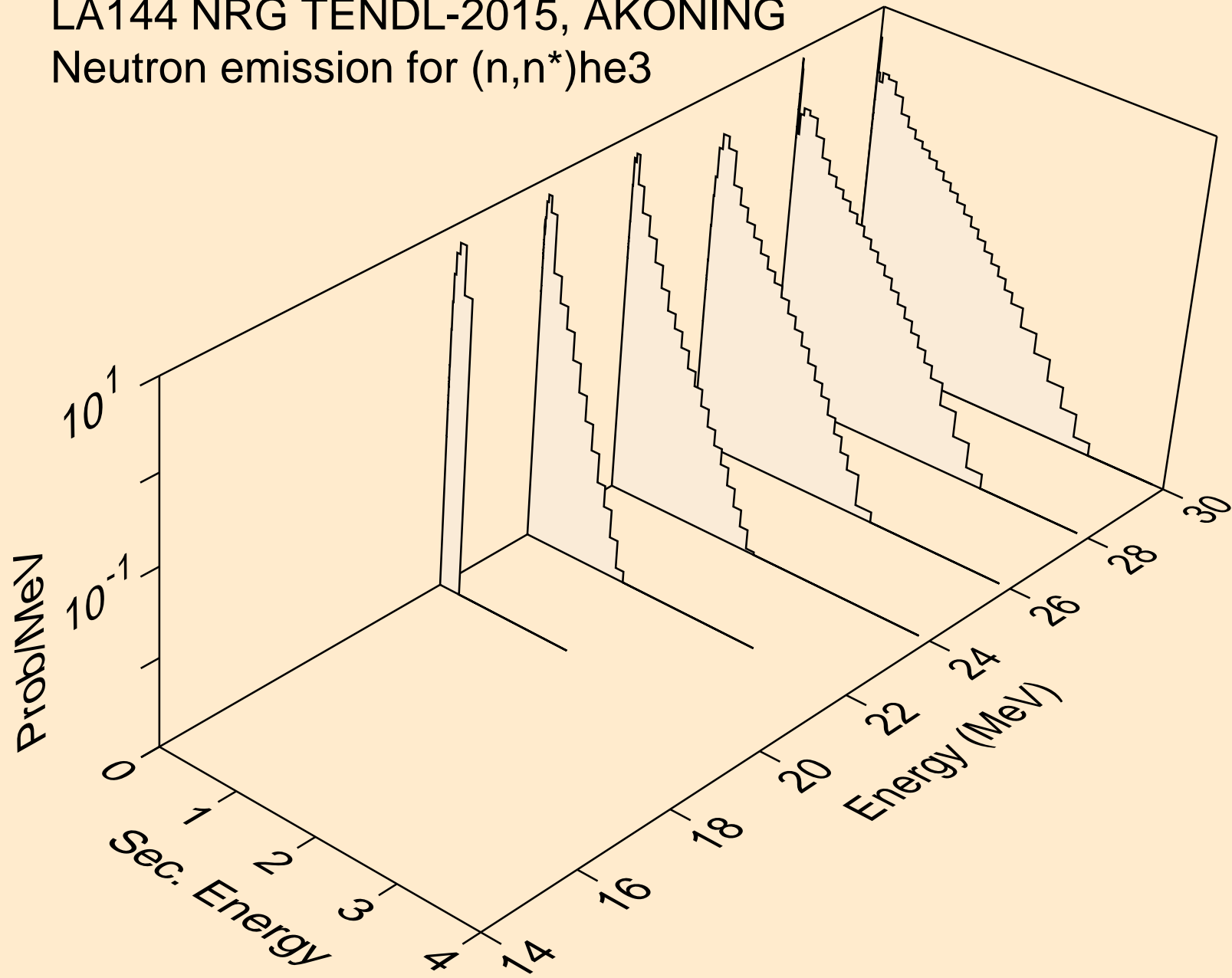
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



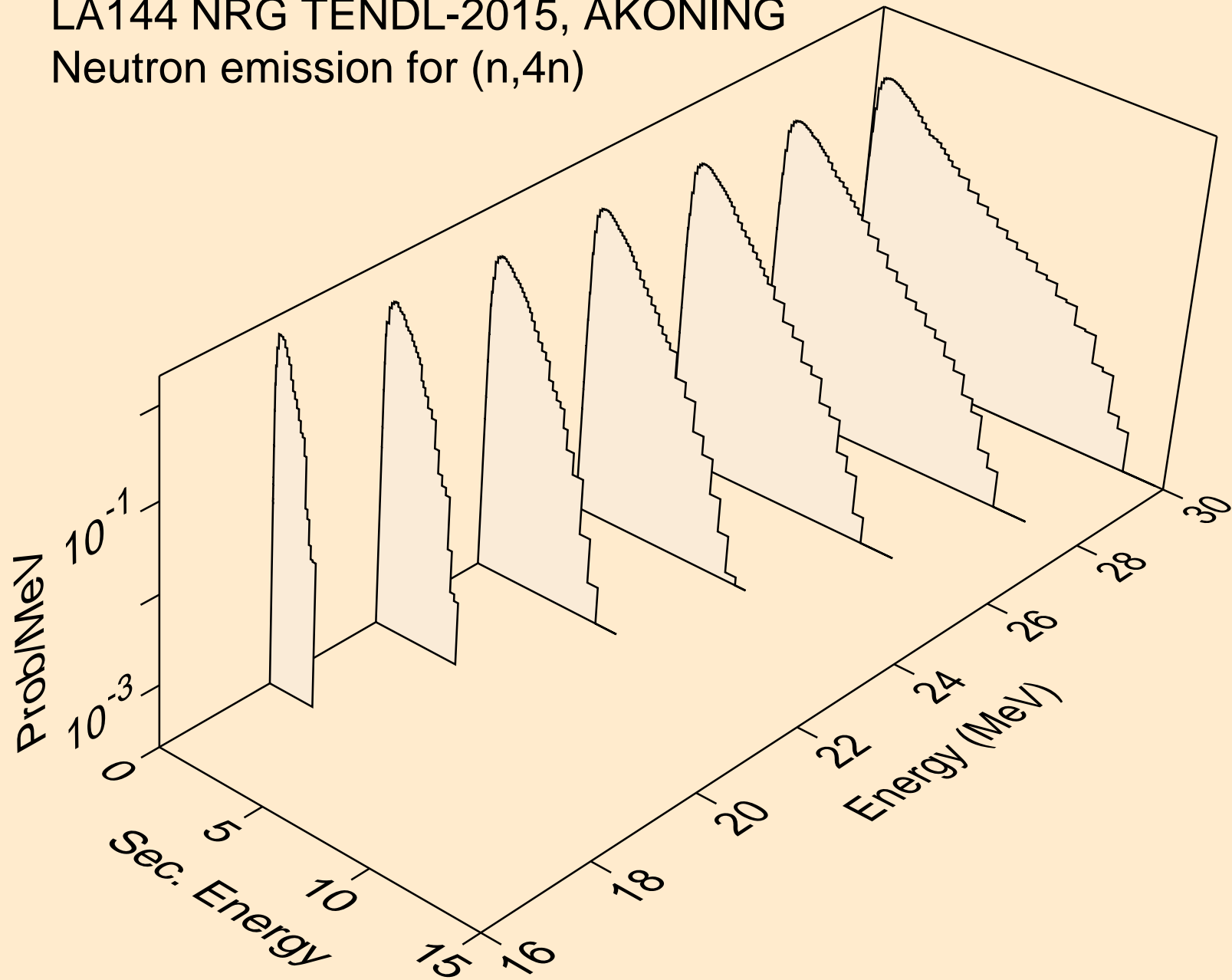
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



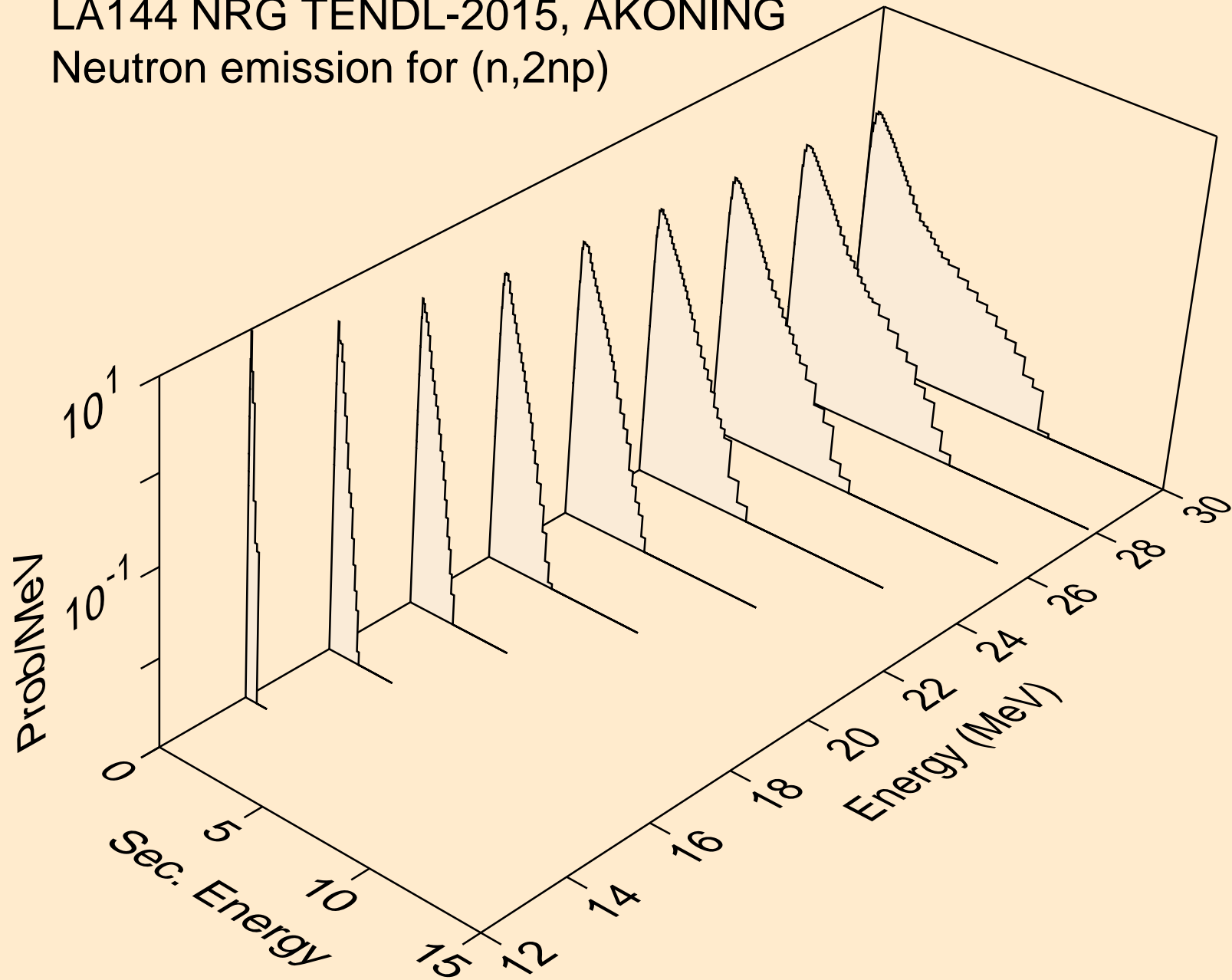
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



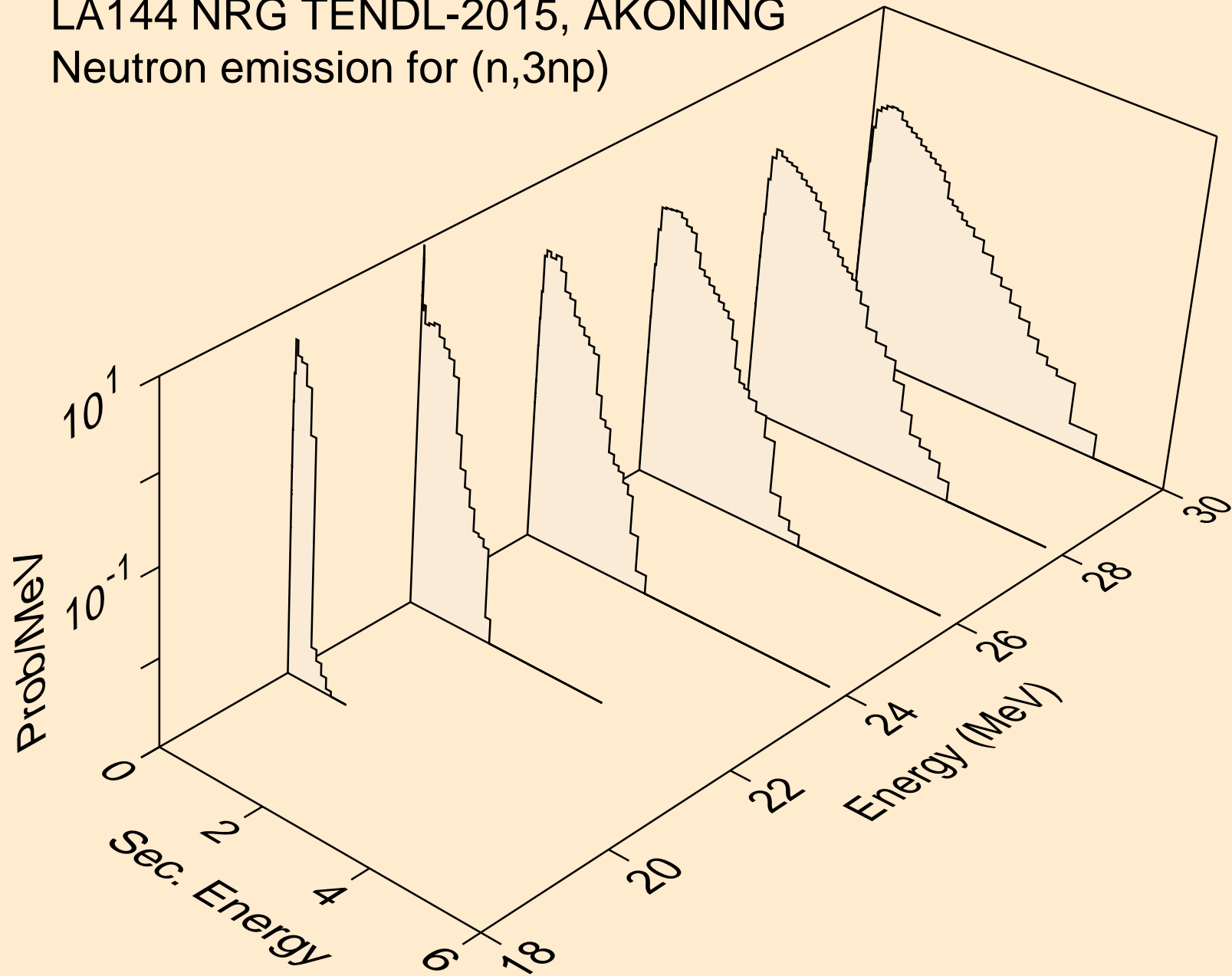
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

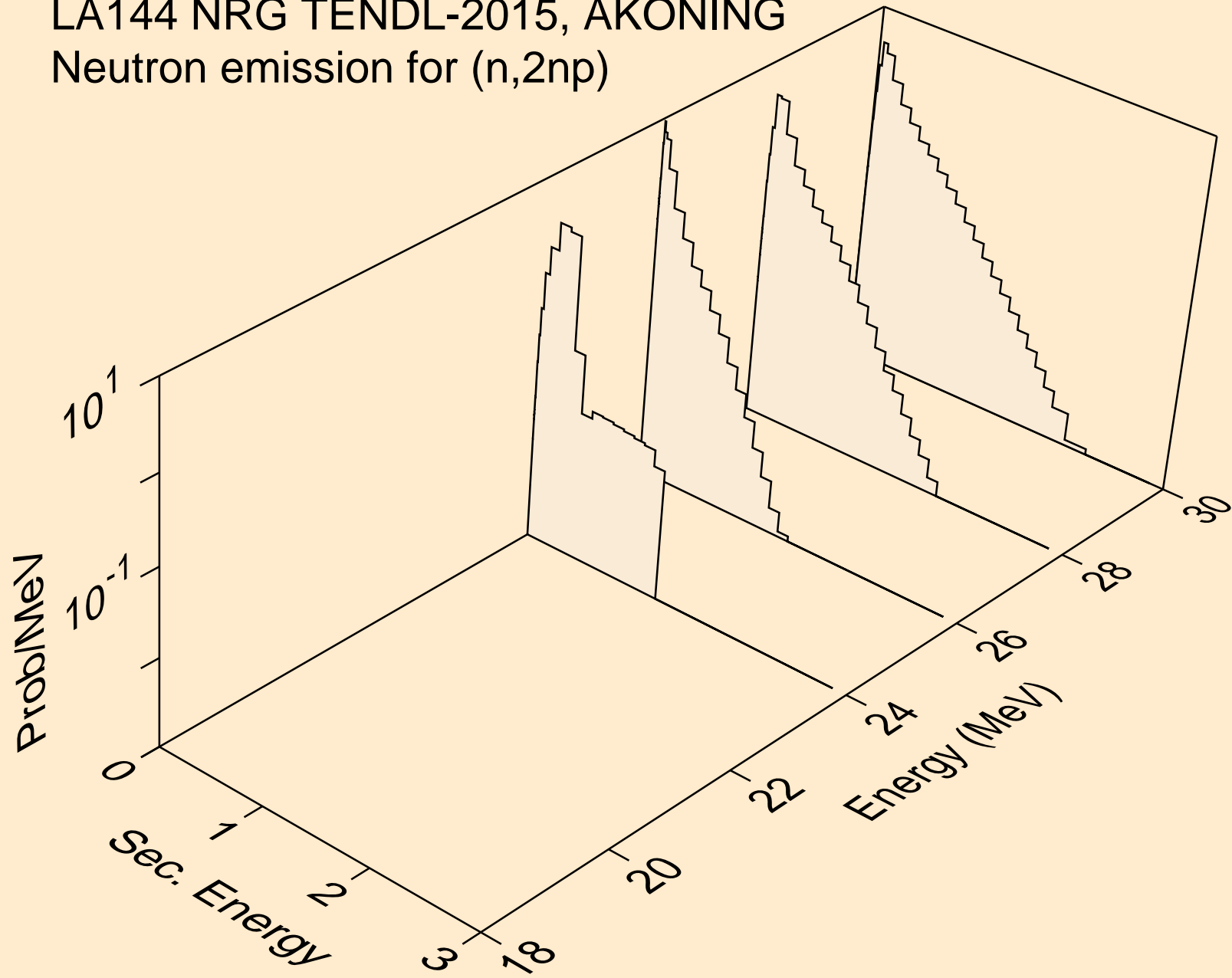


LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

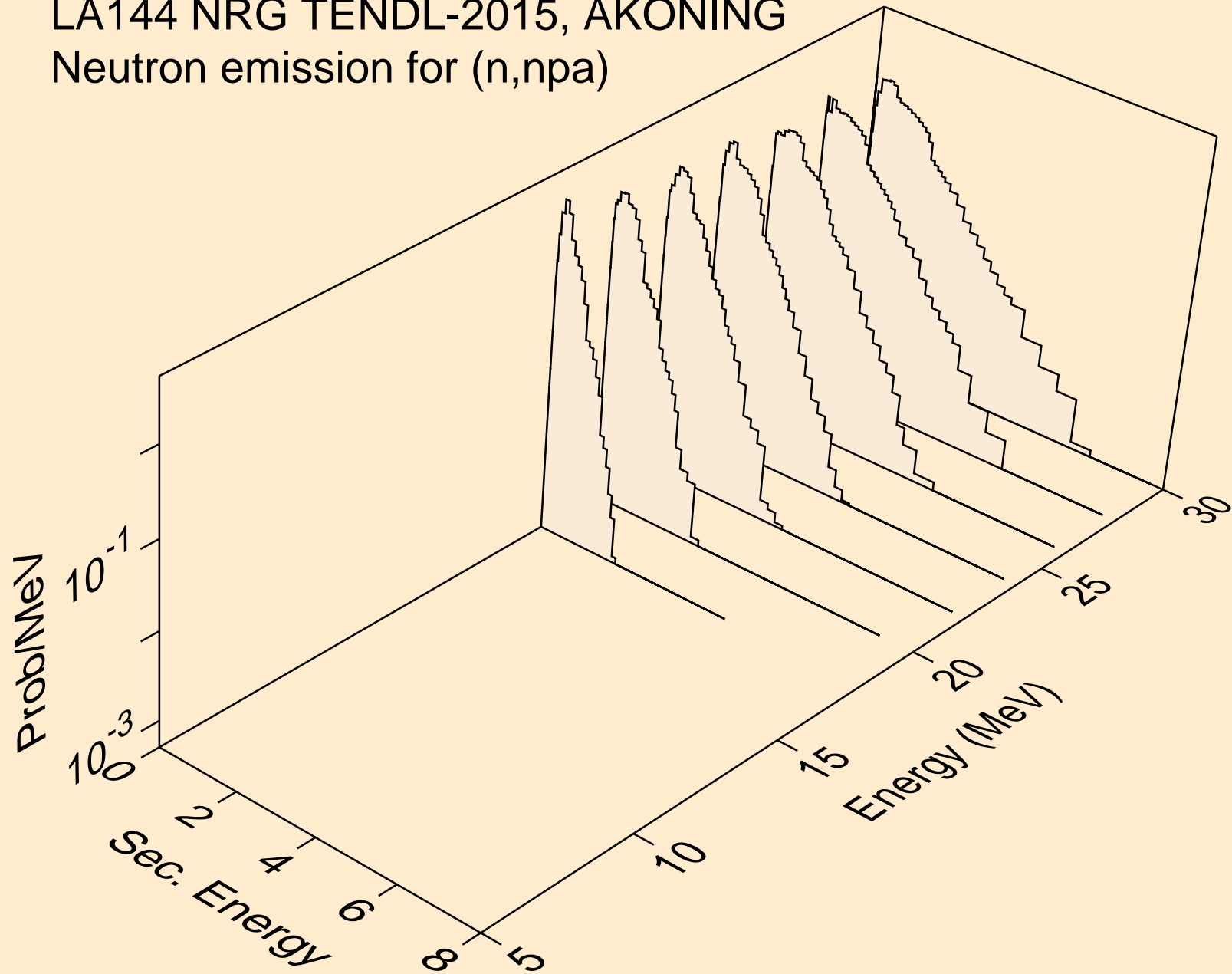




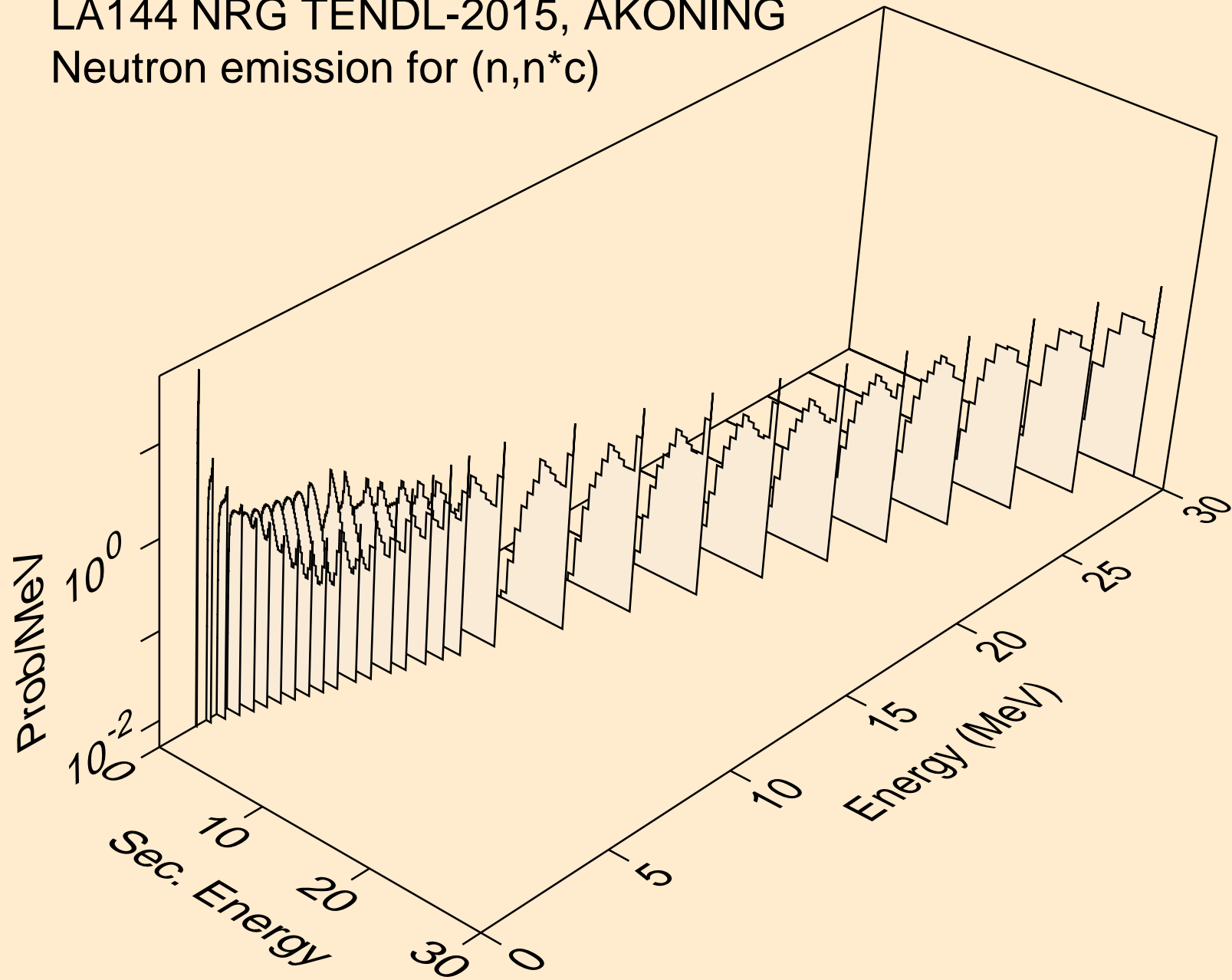
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



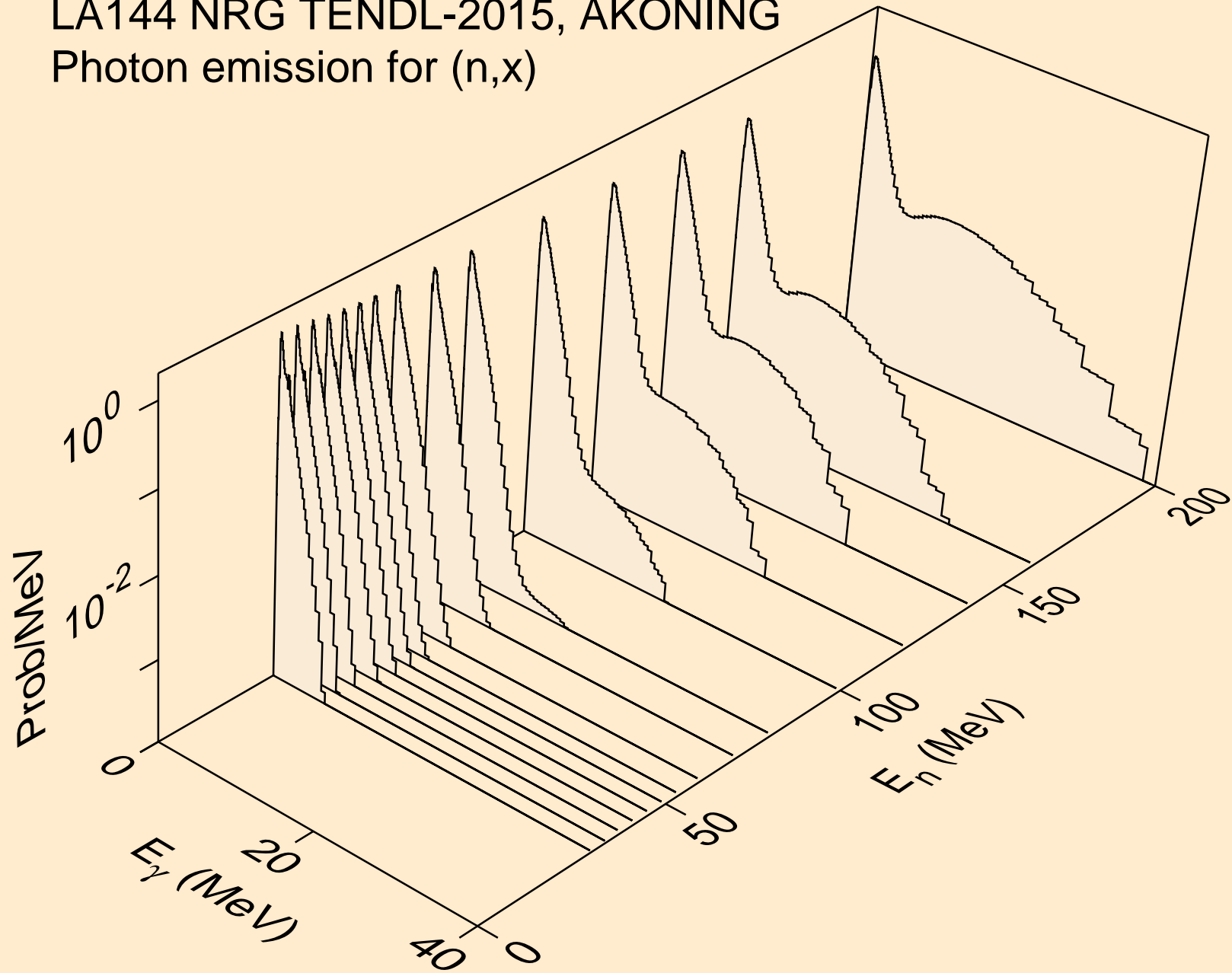
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



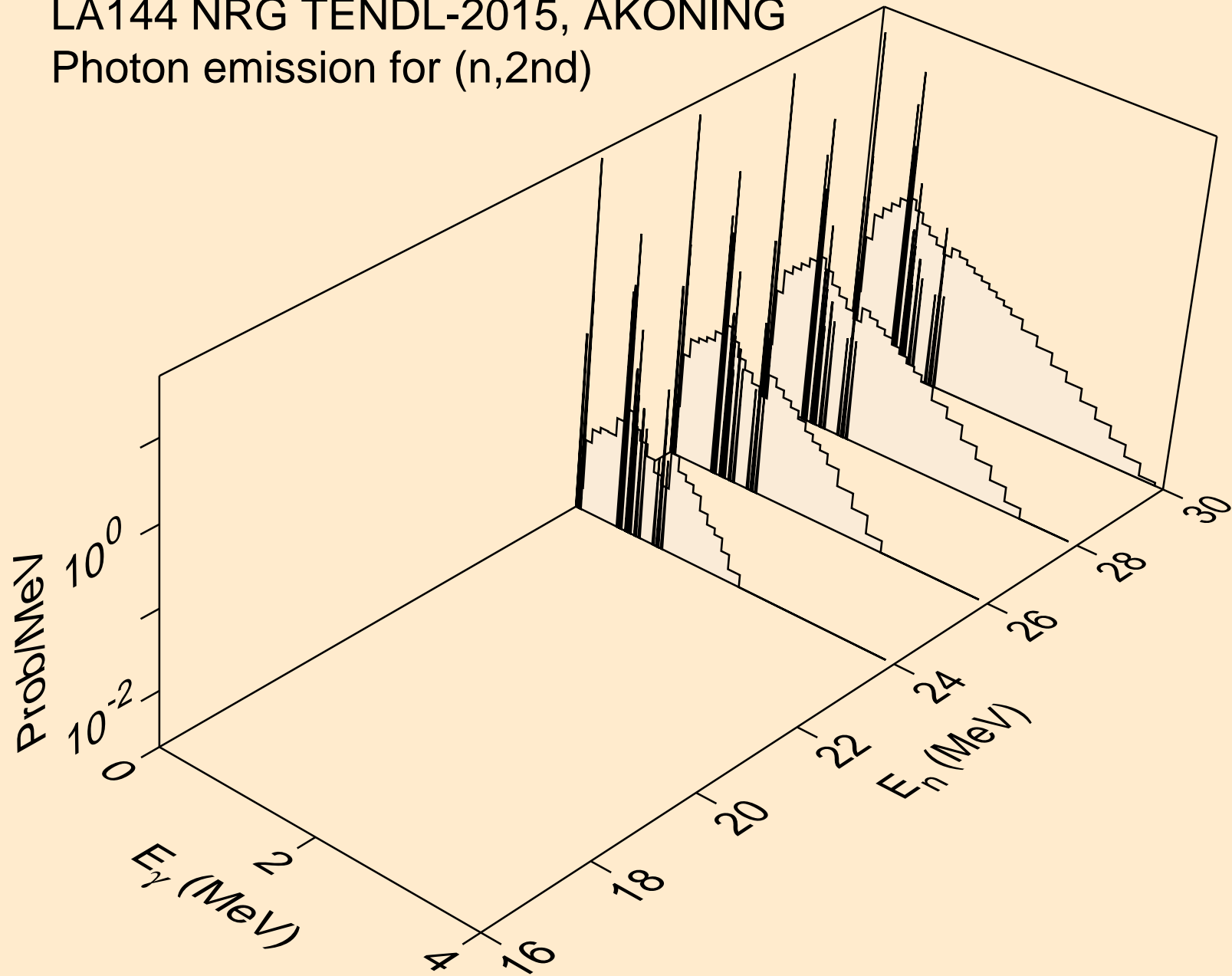
LA144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



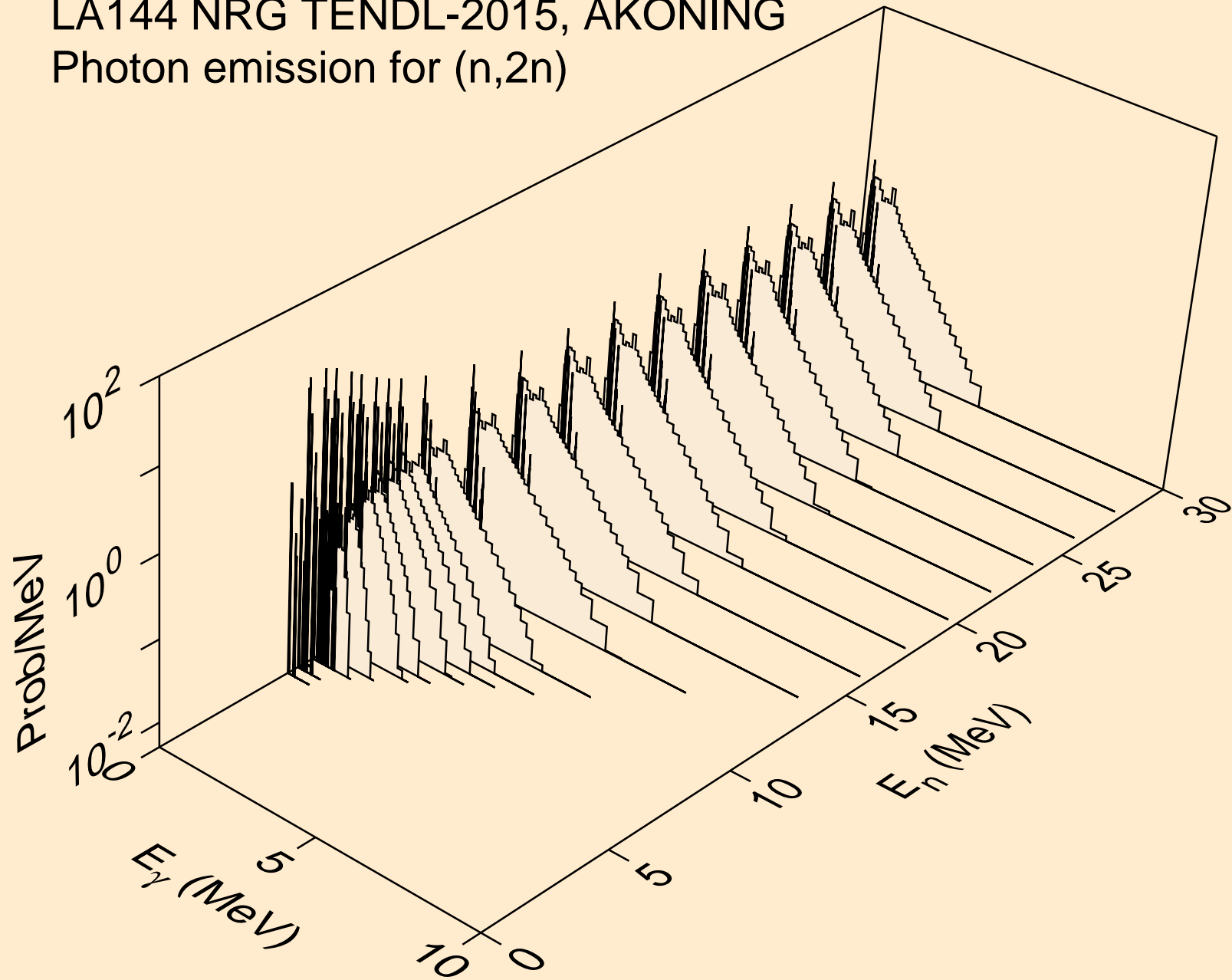
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



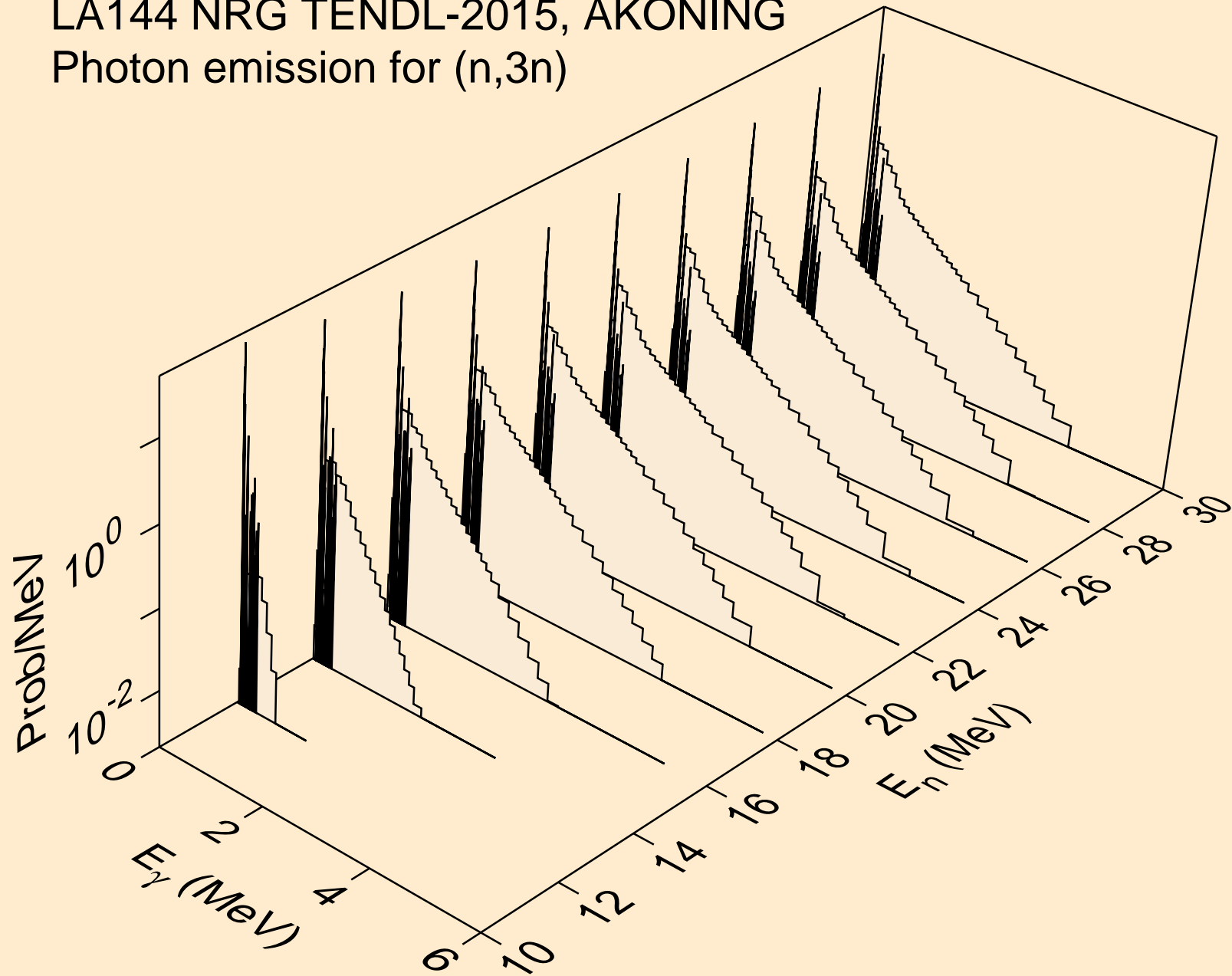
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



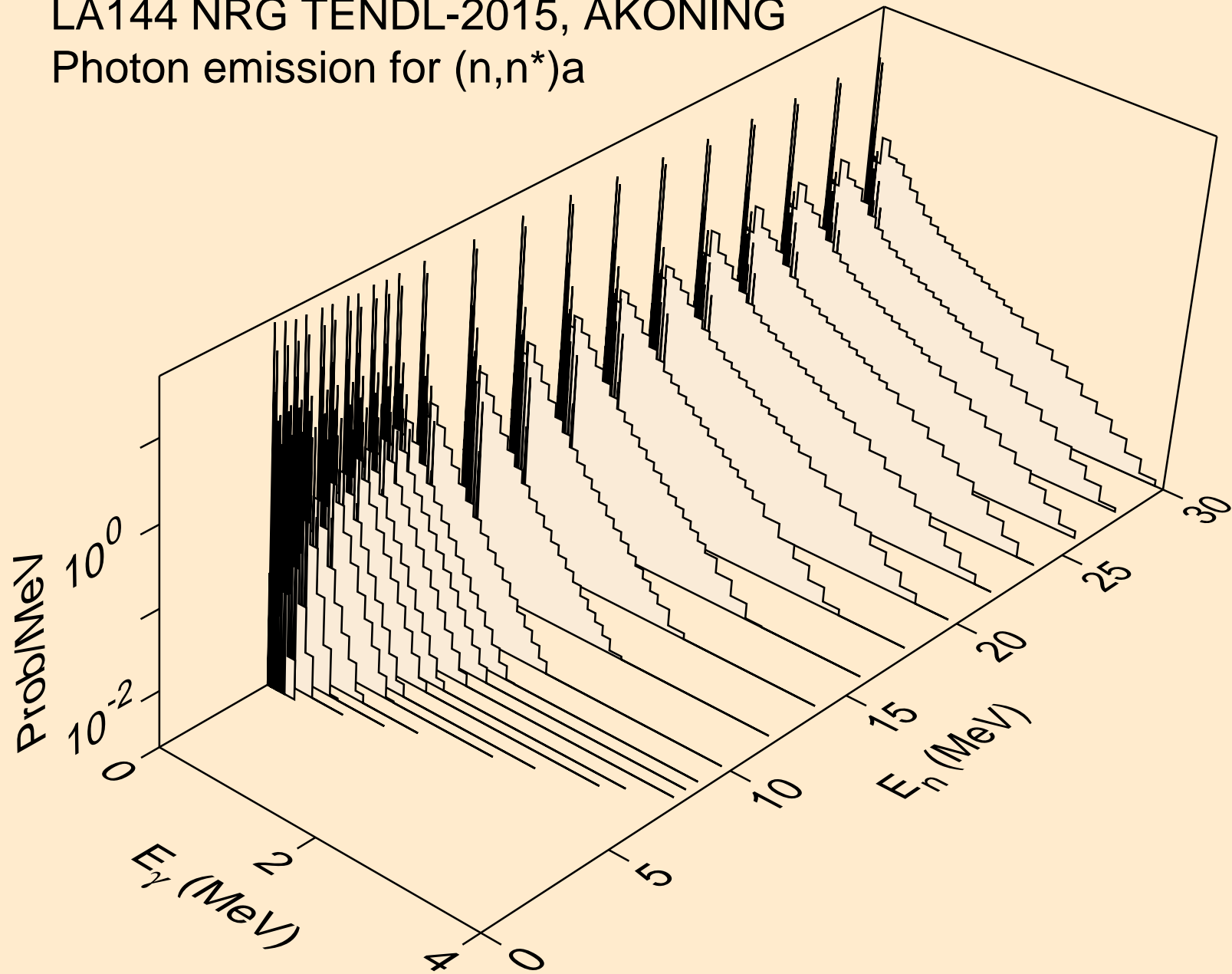
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

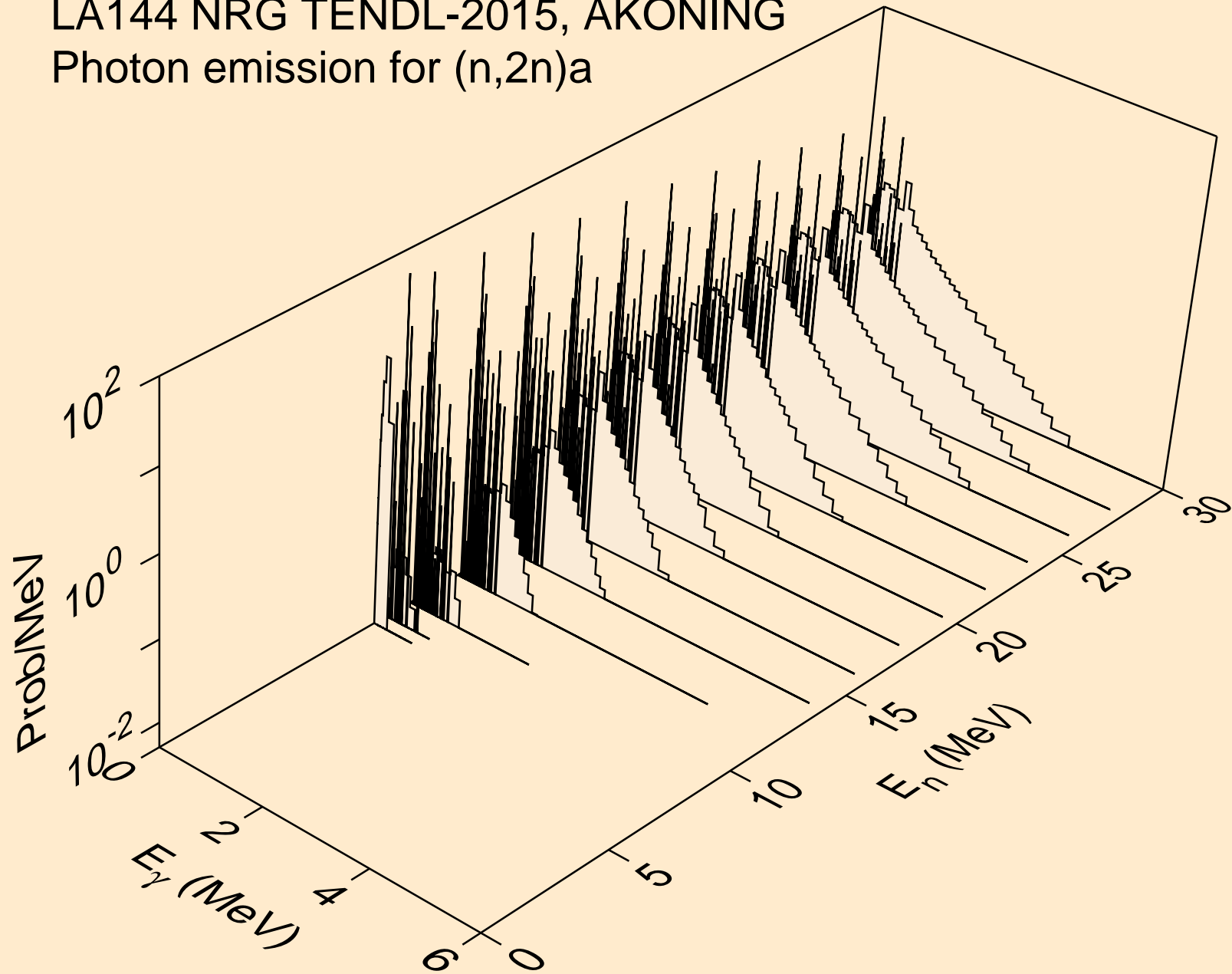


LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

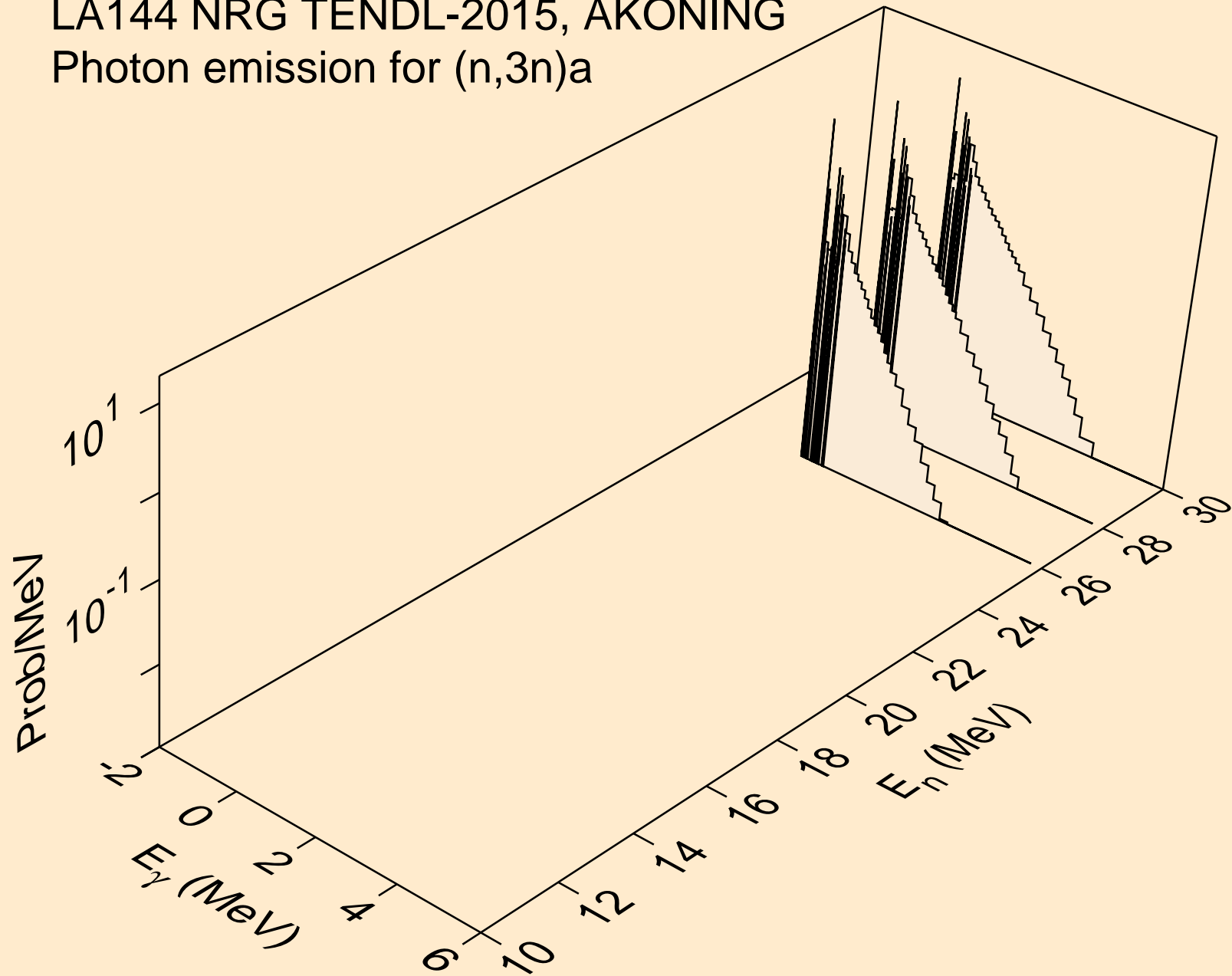




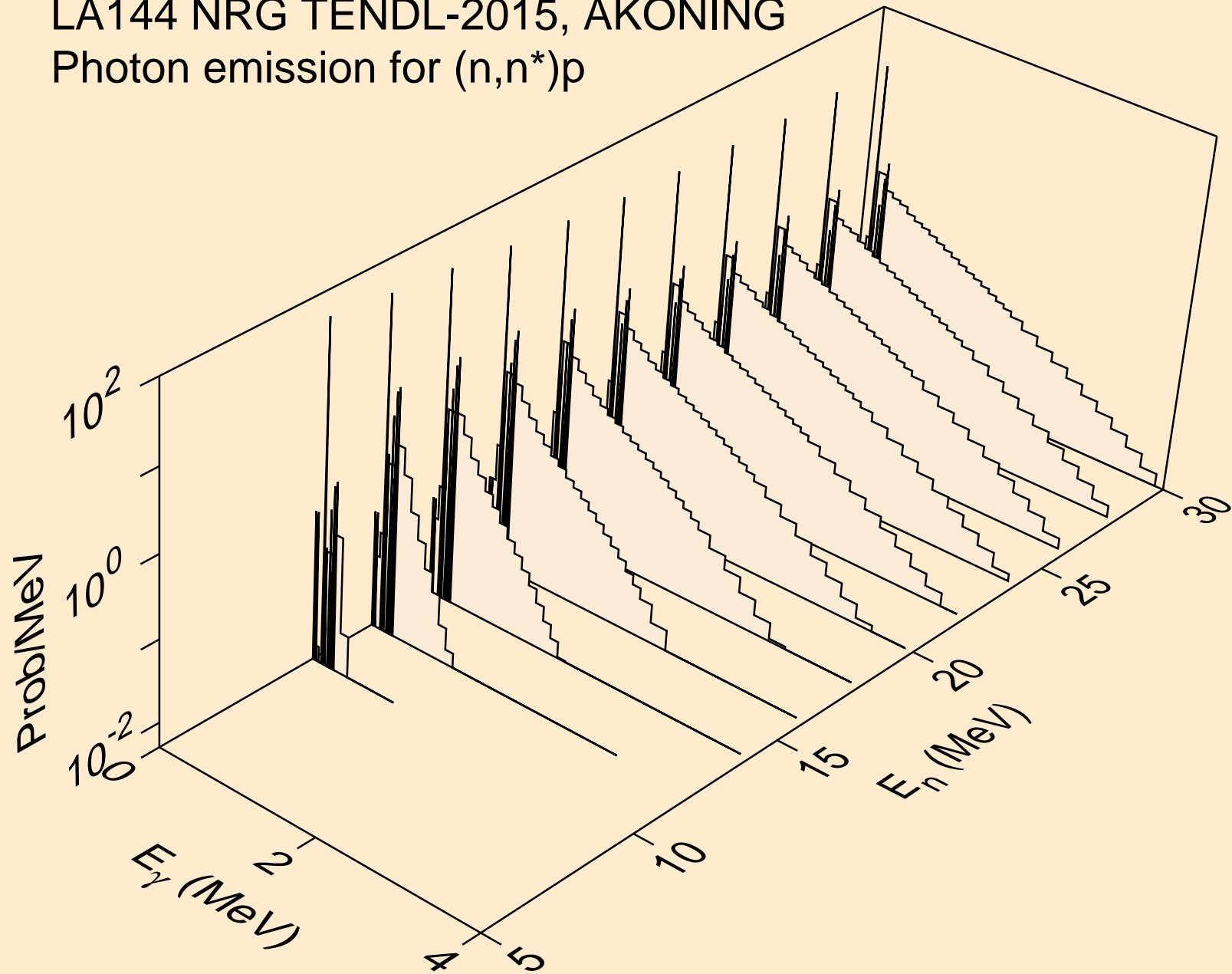
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



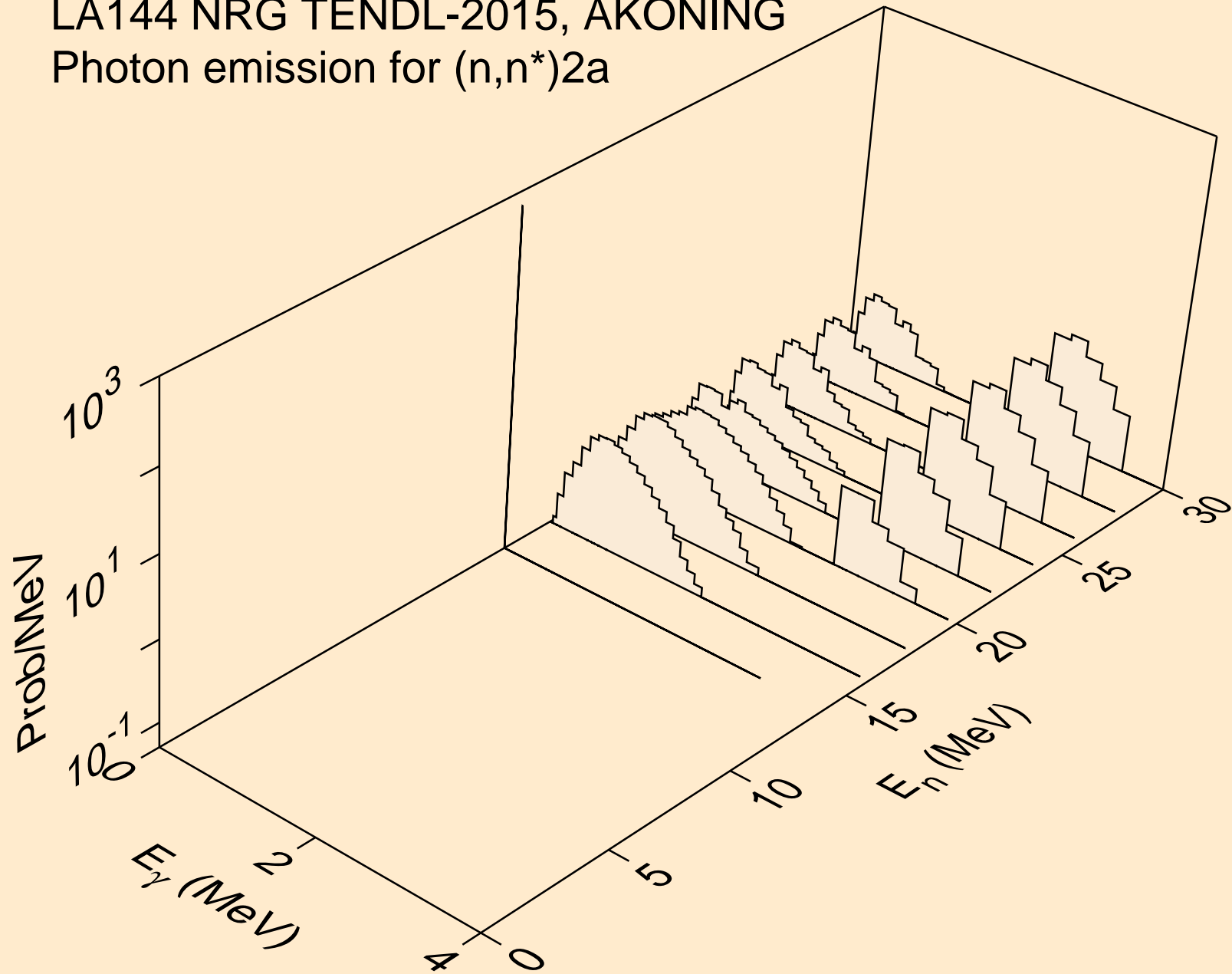
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



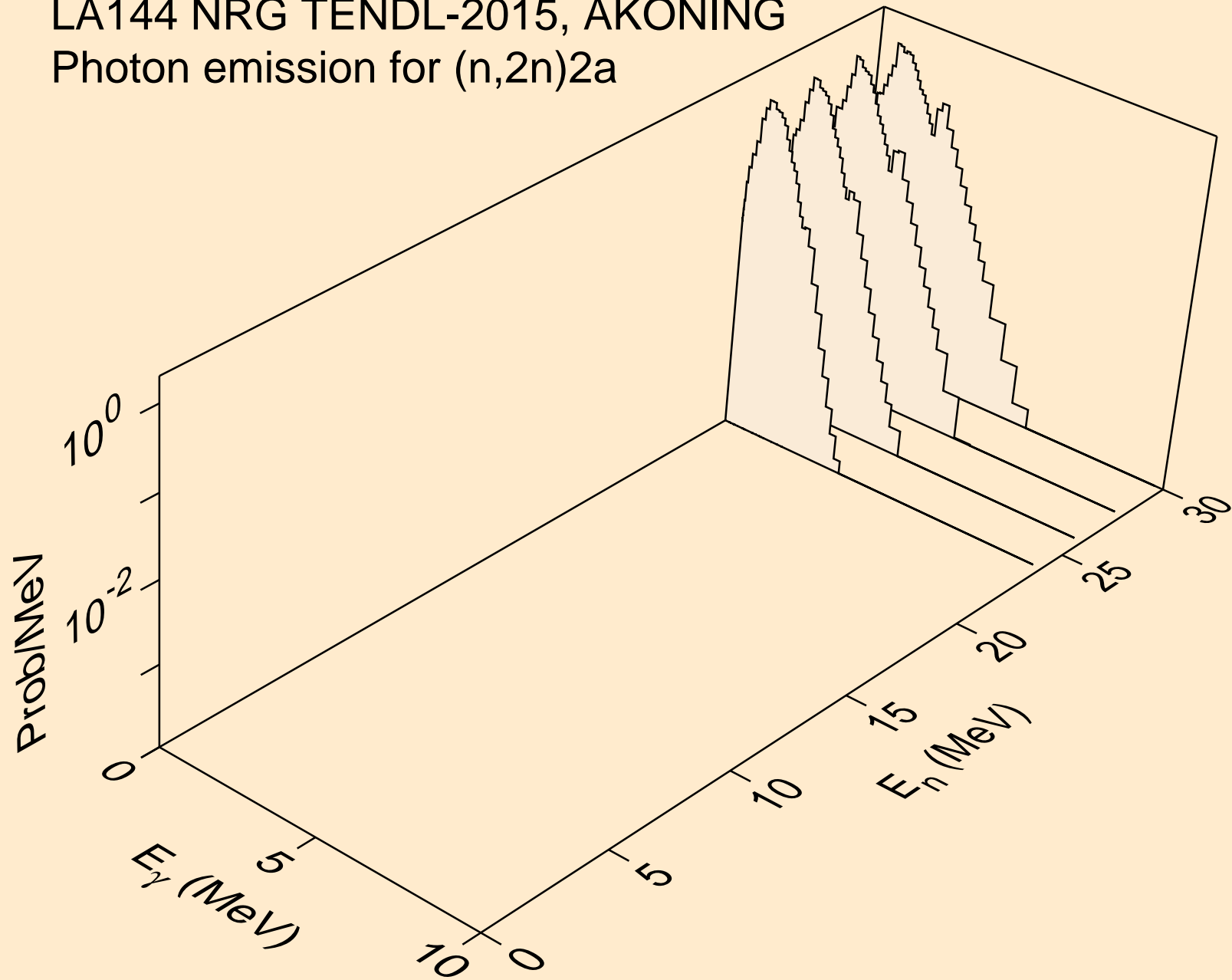
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



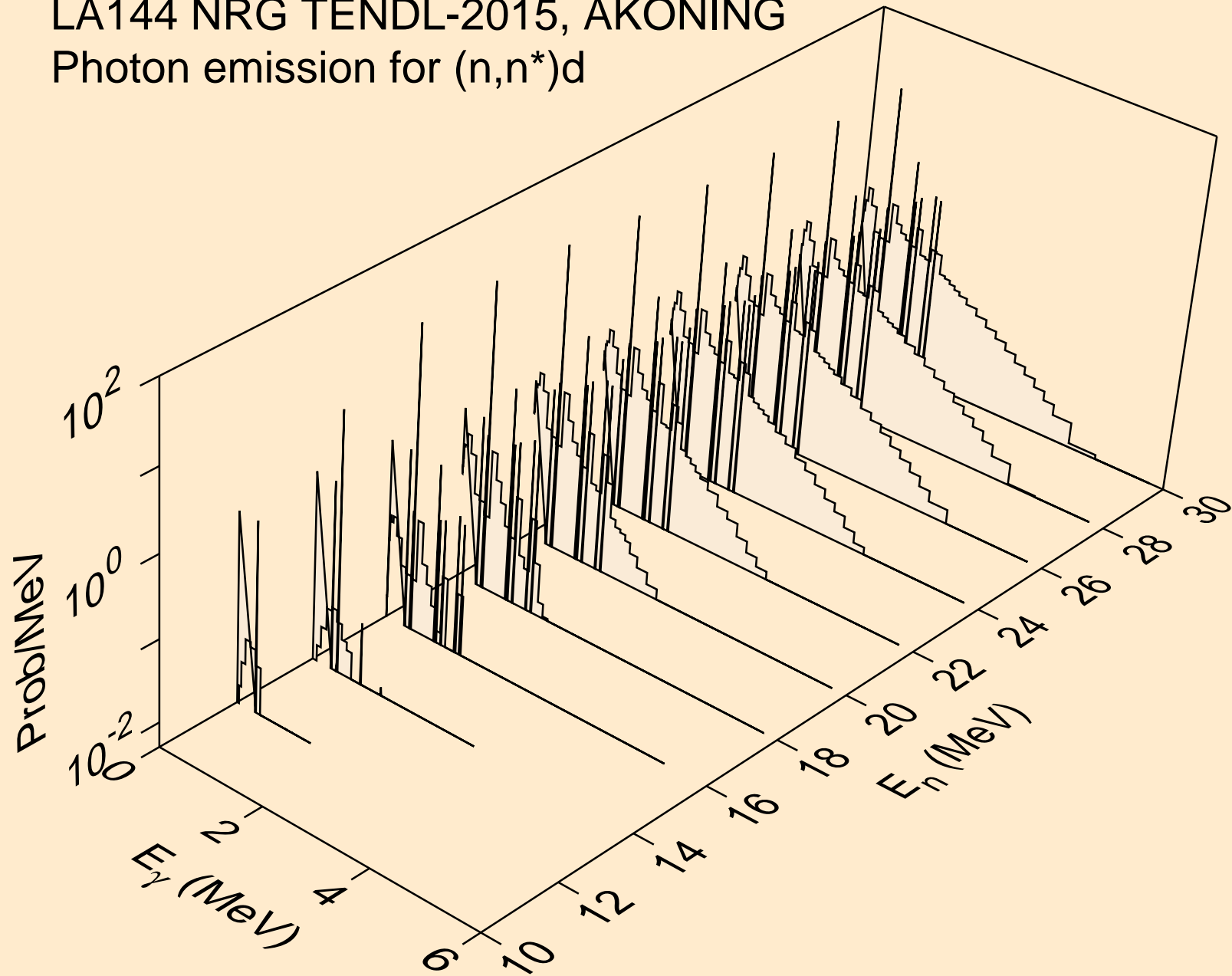
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



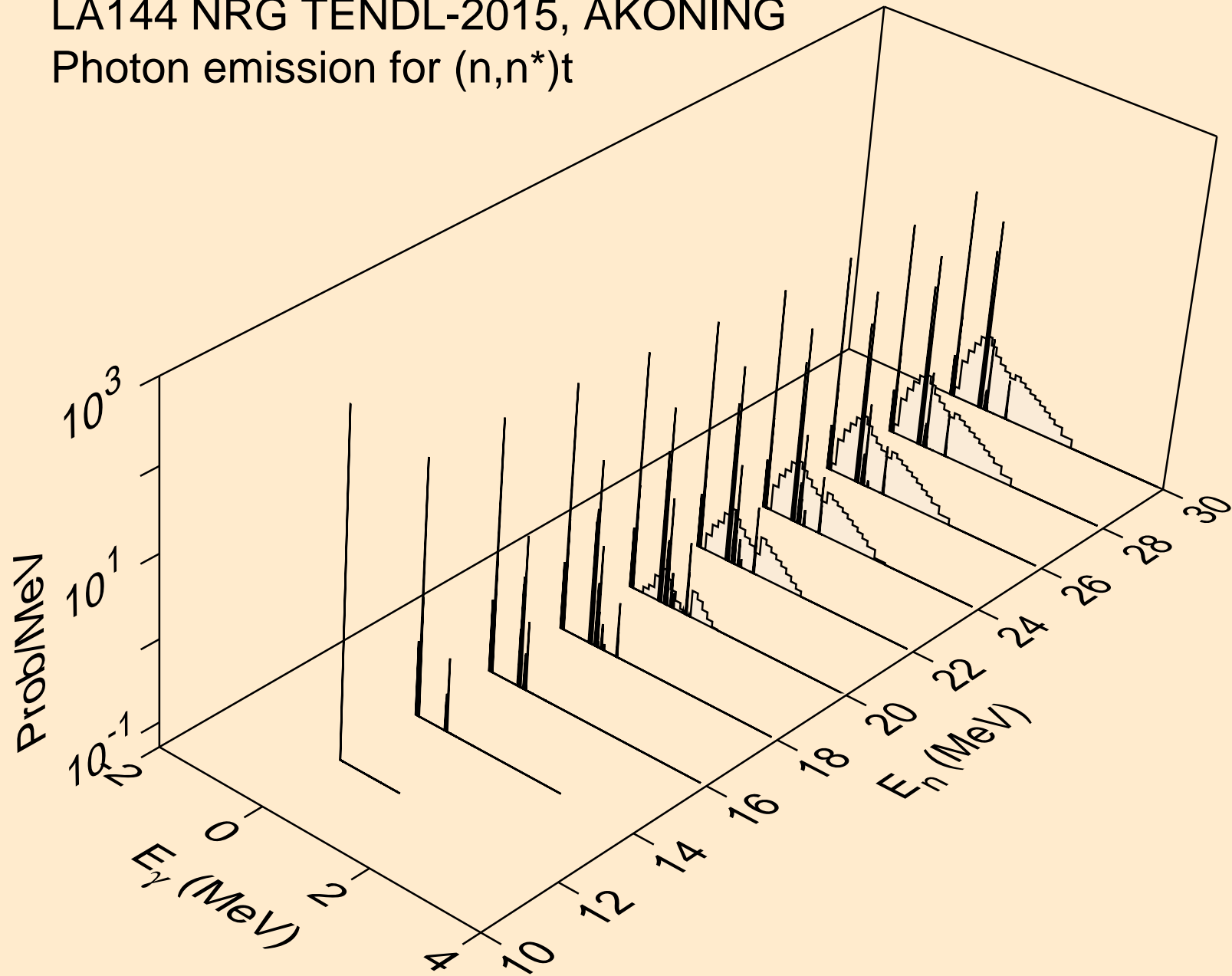
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



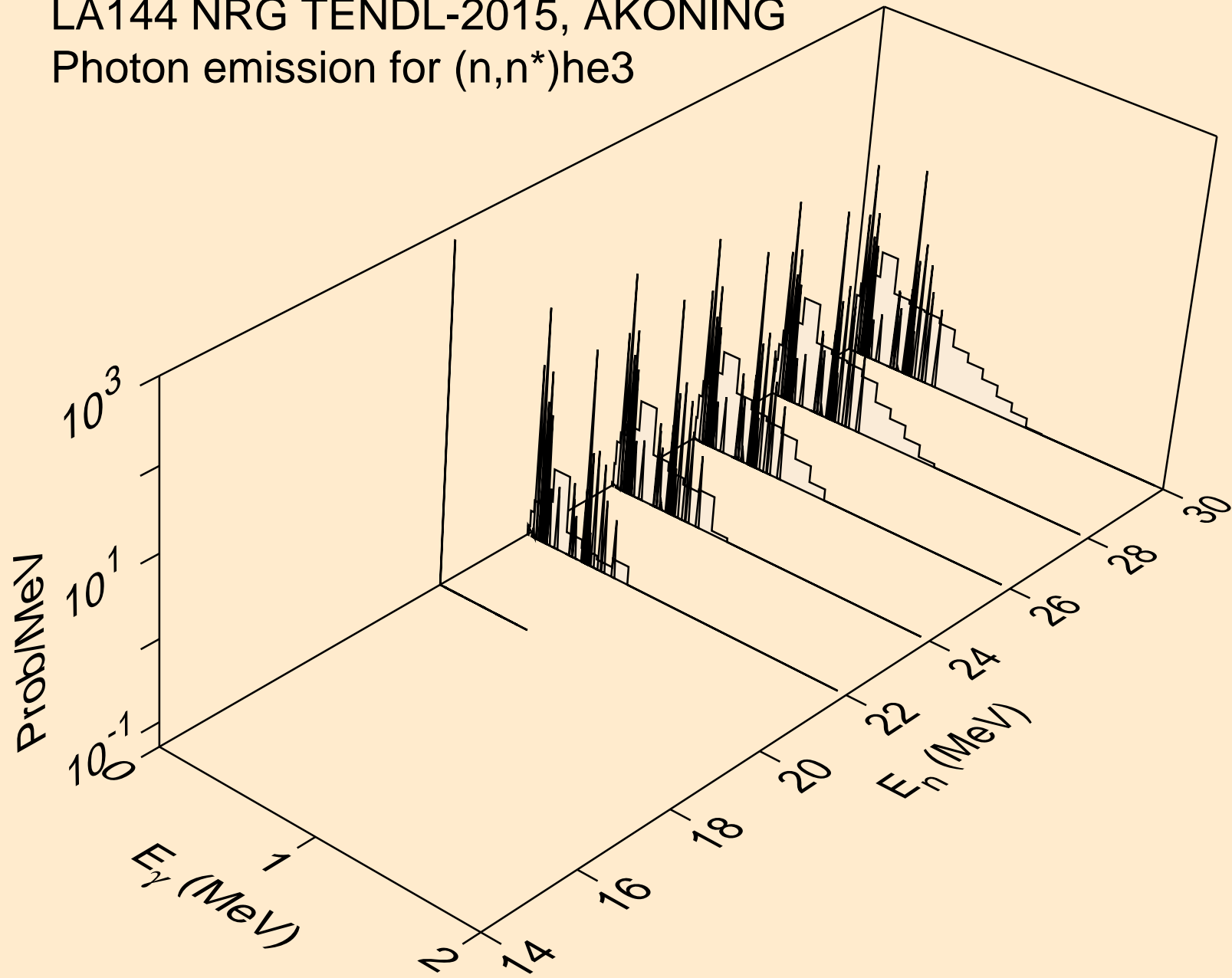
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

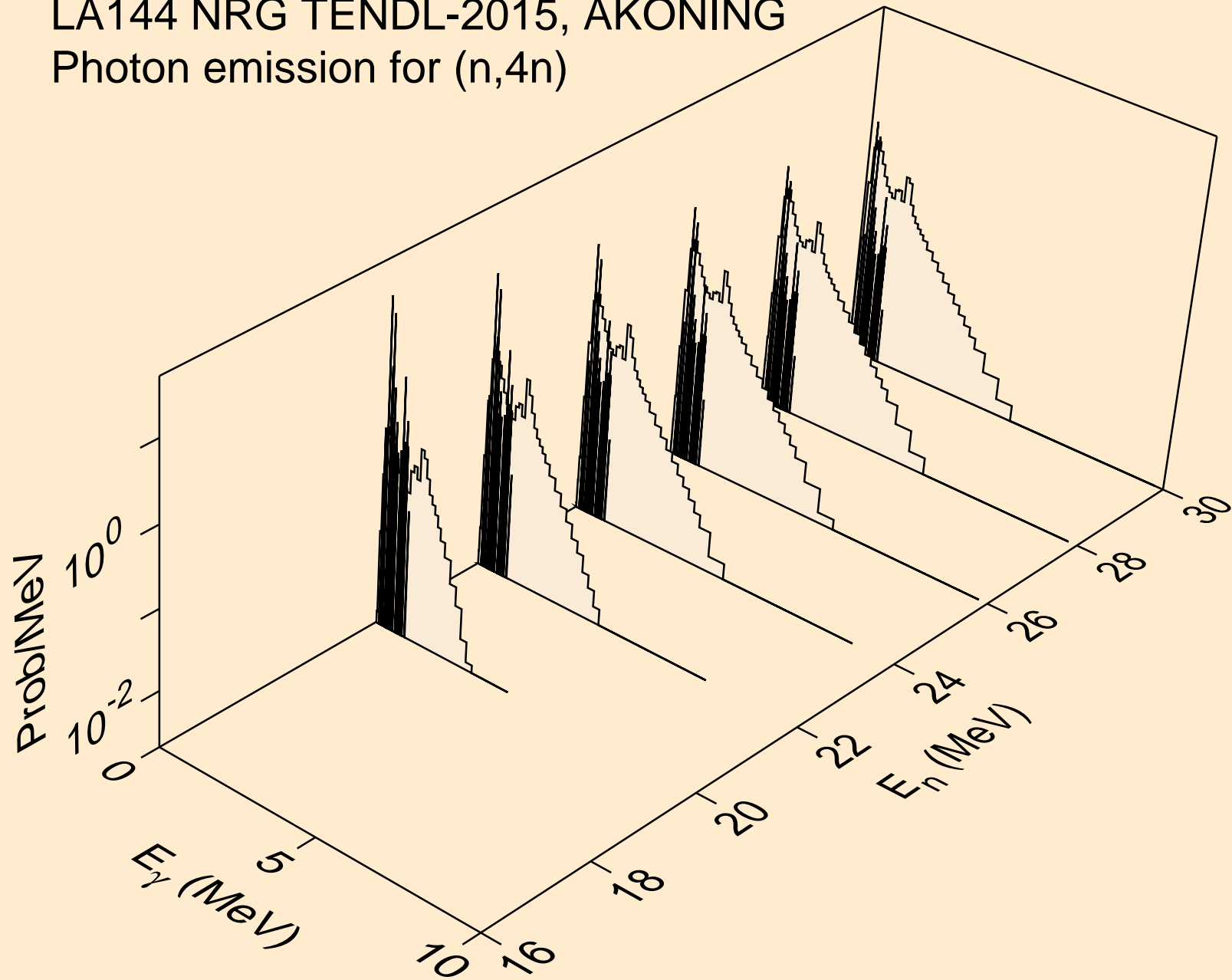


LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

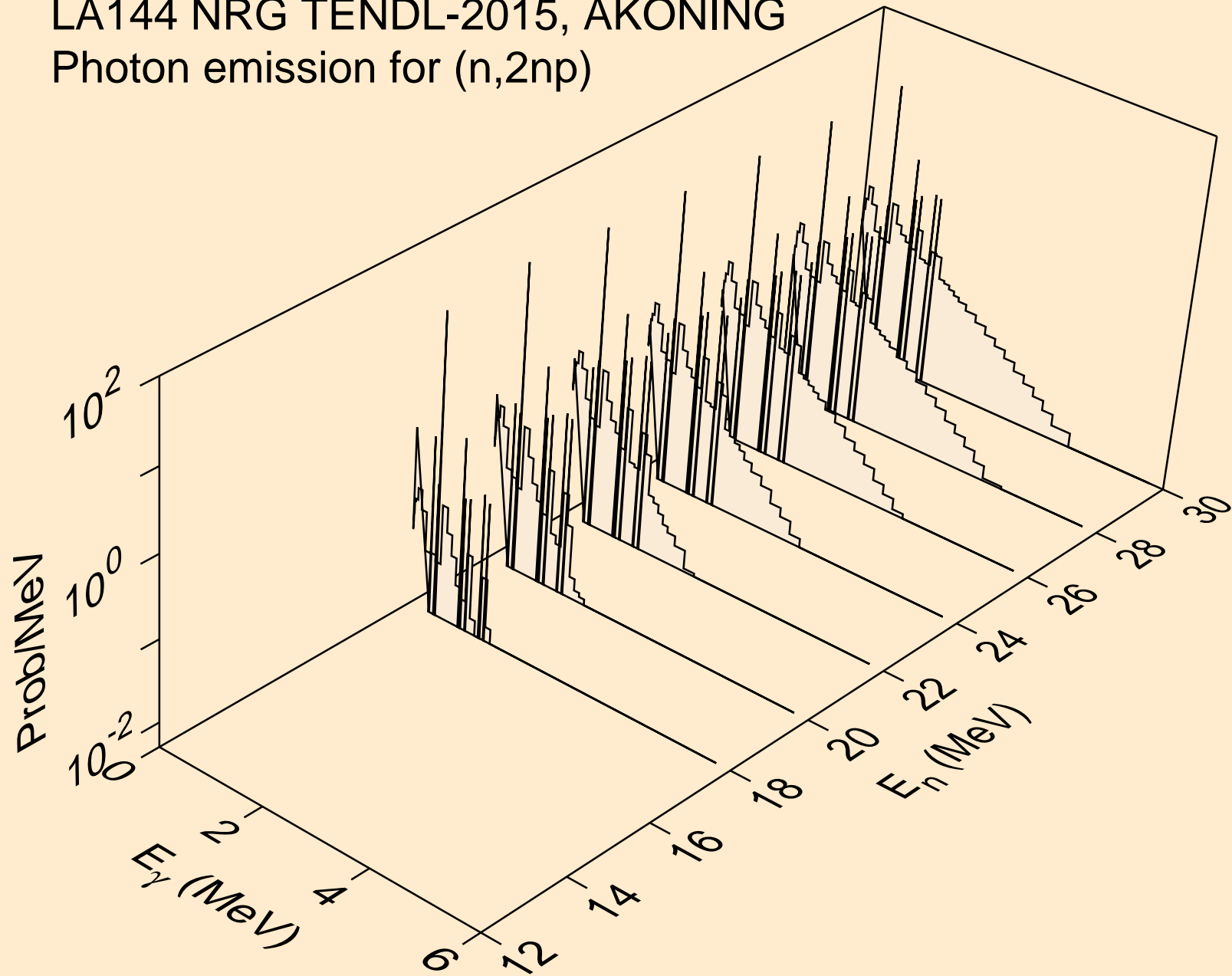




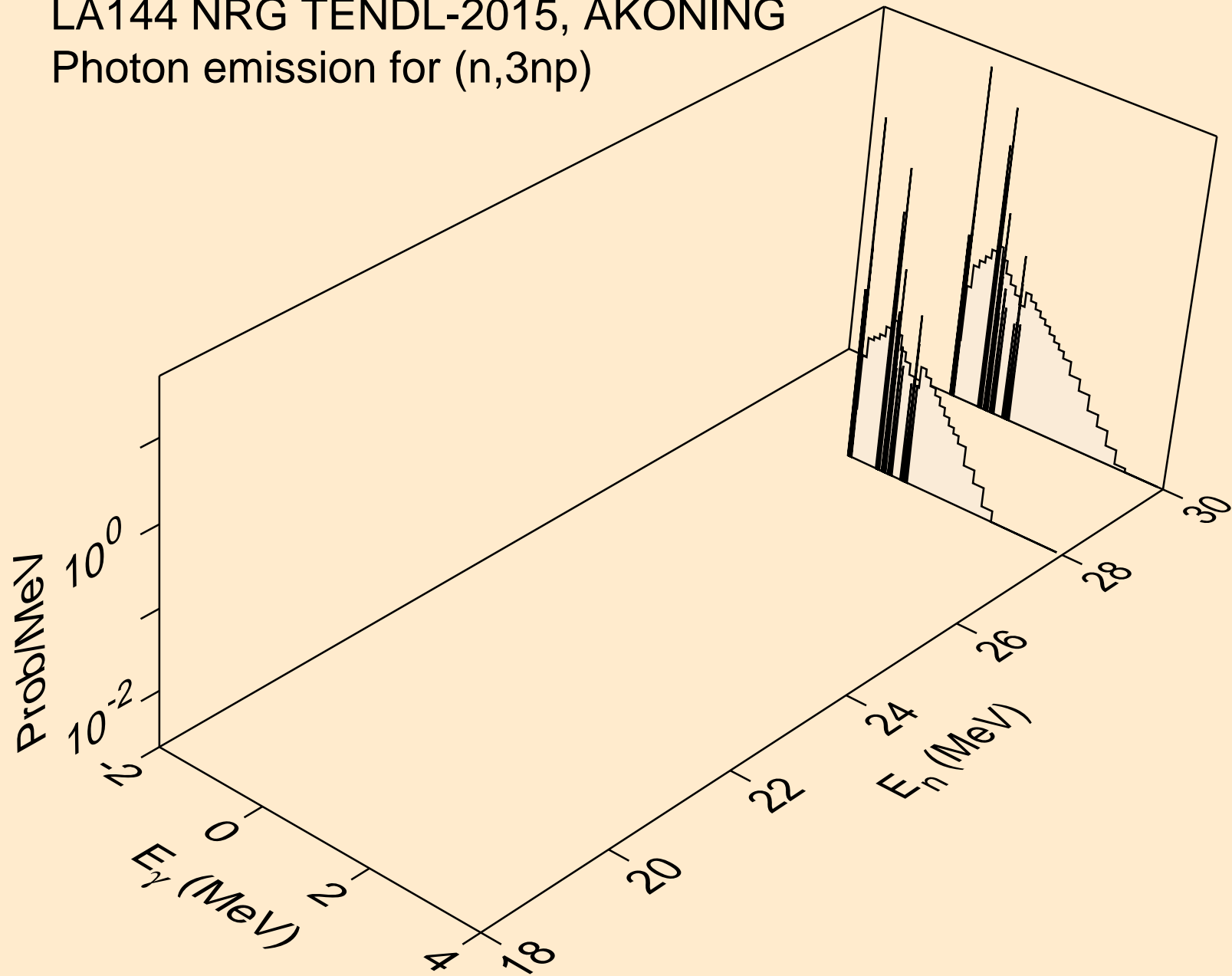
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



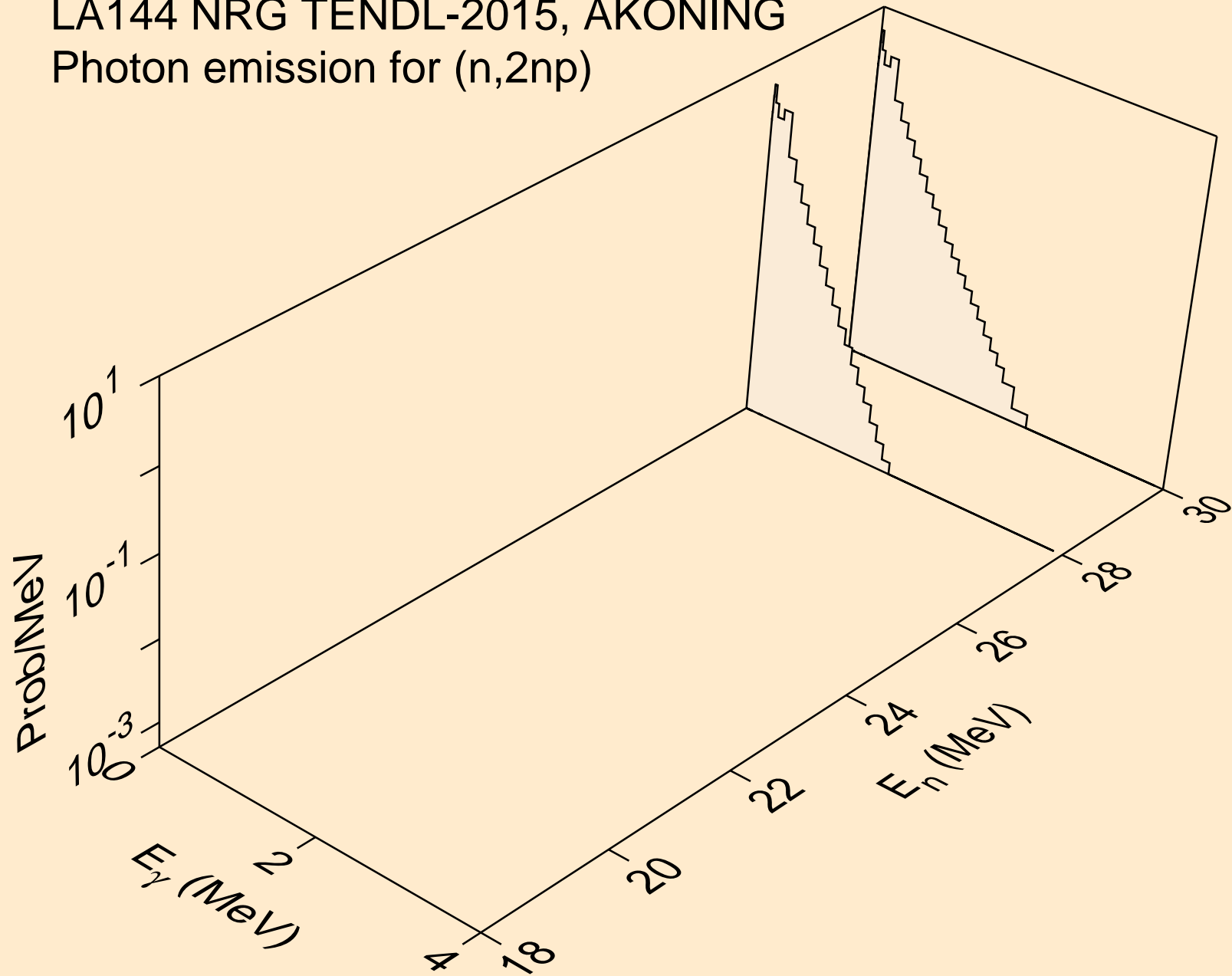
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



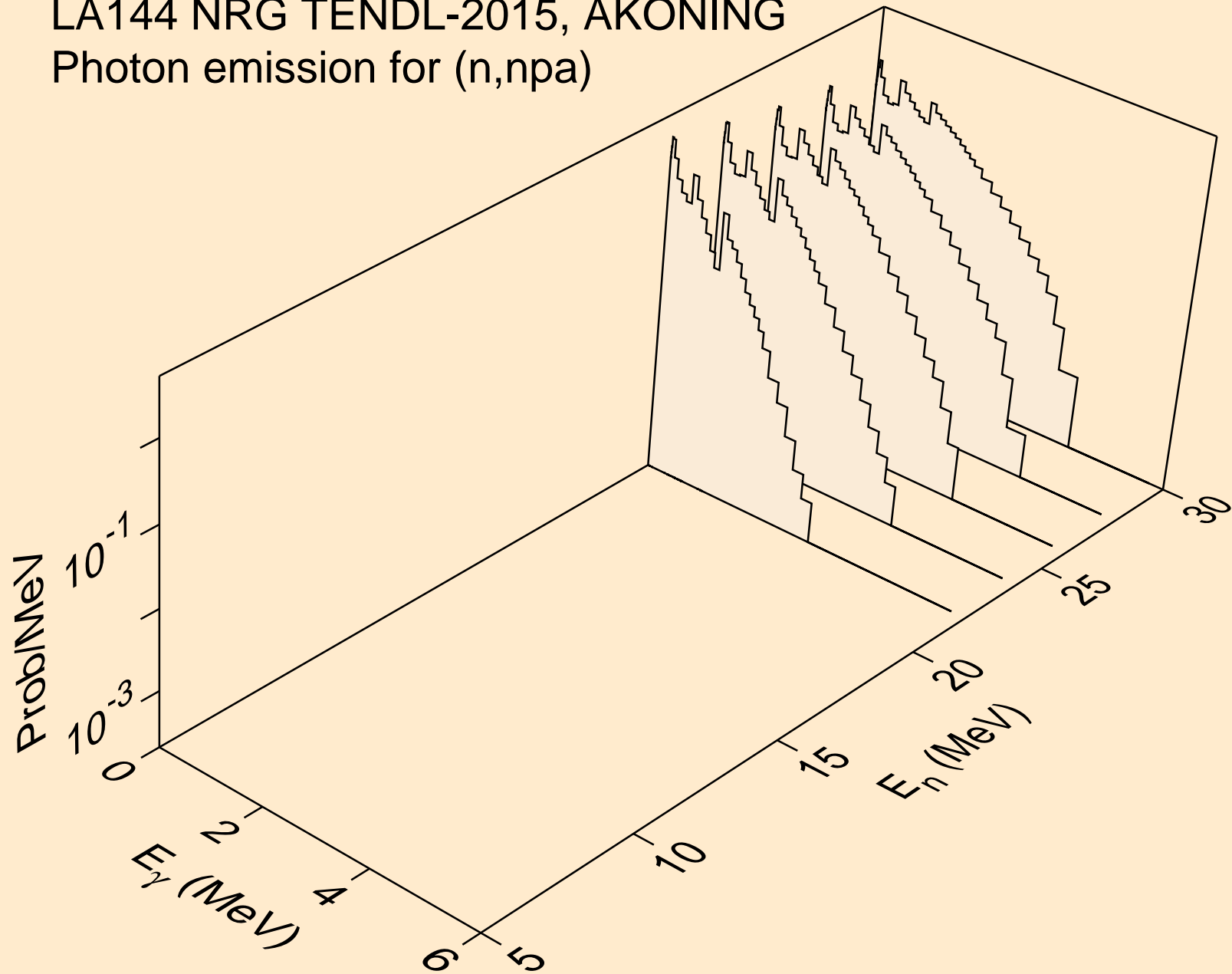
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



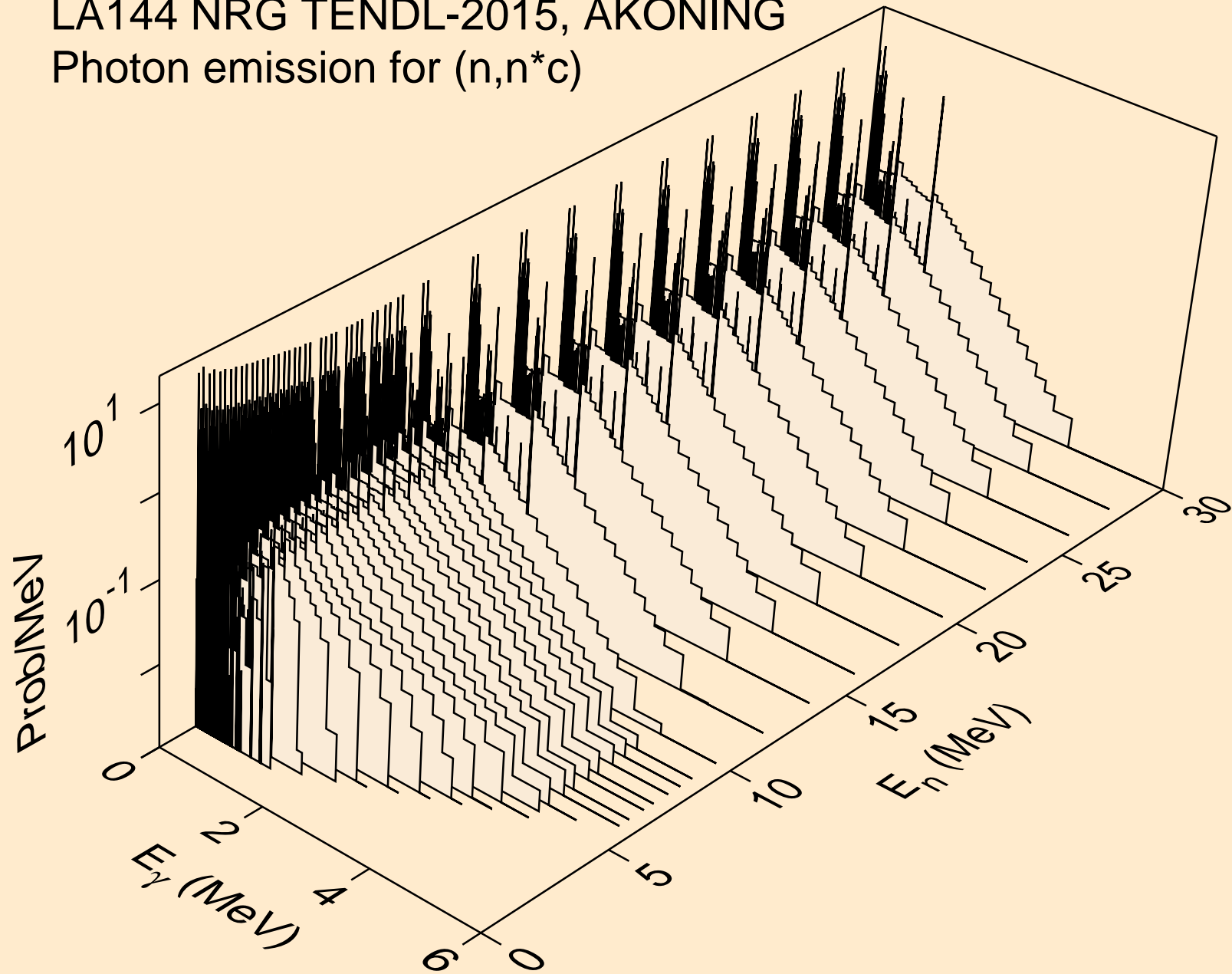
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



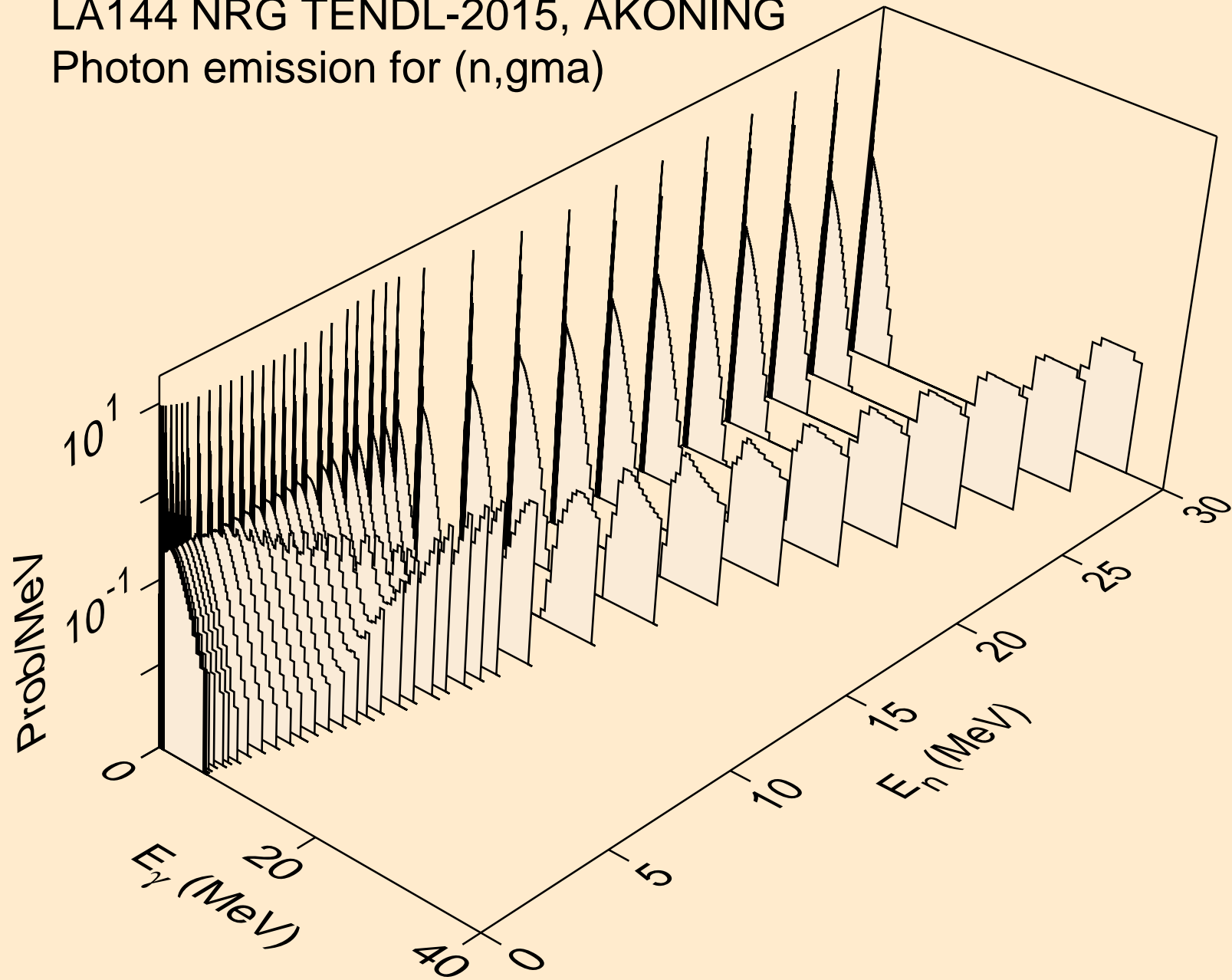
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



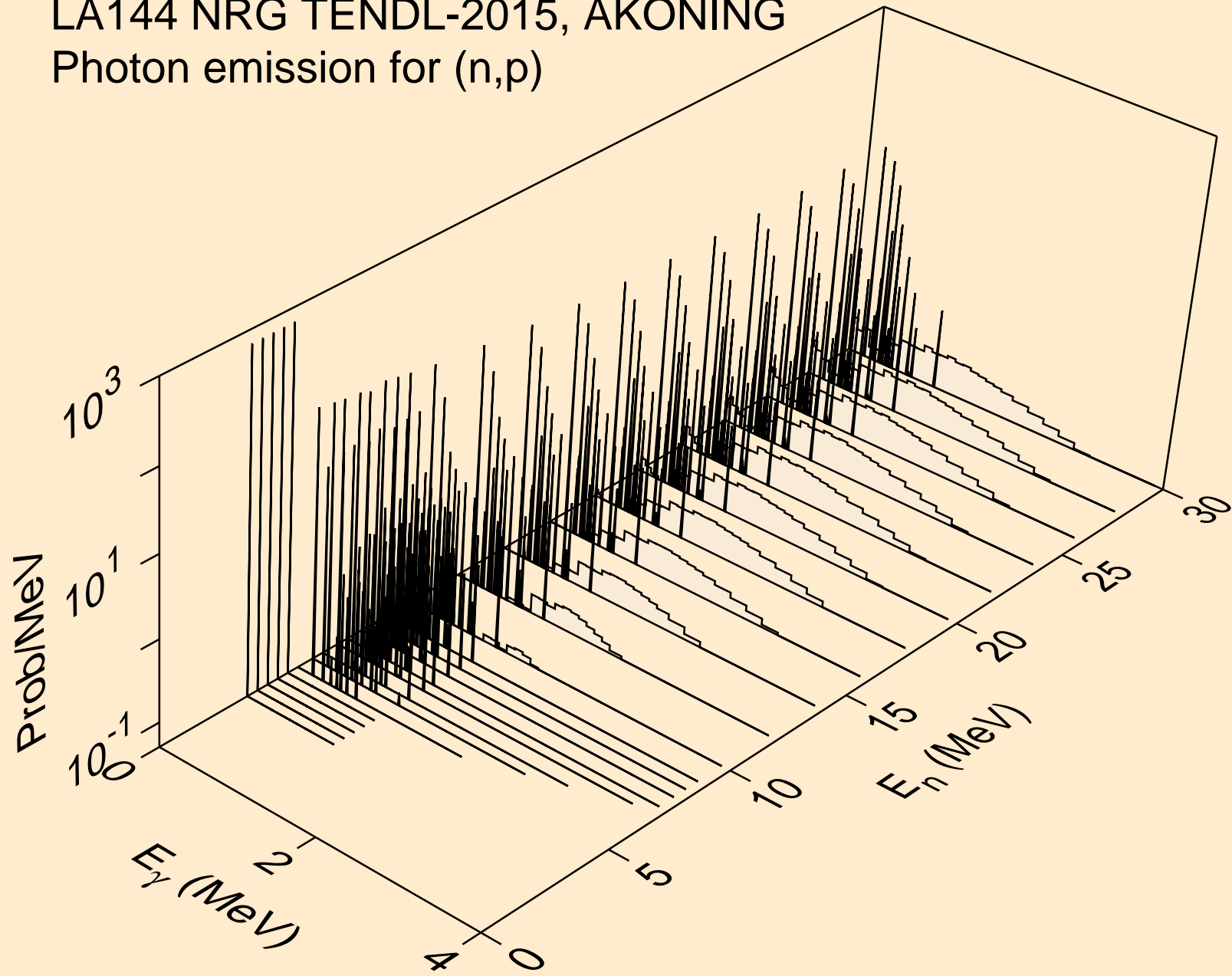
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

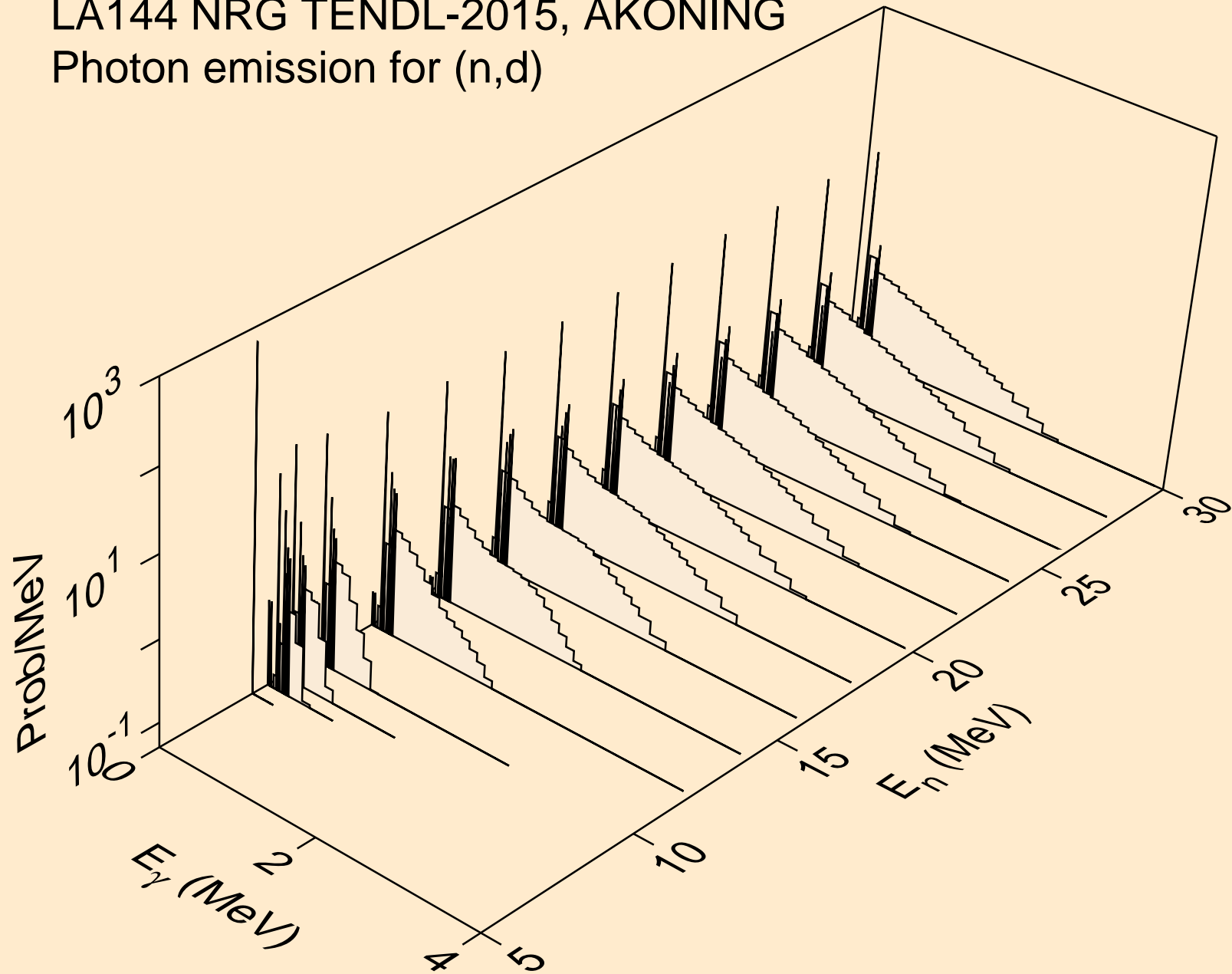


LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

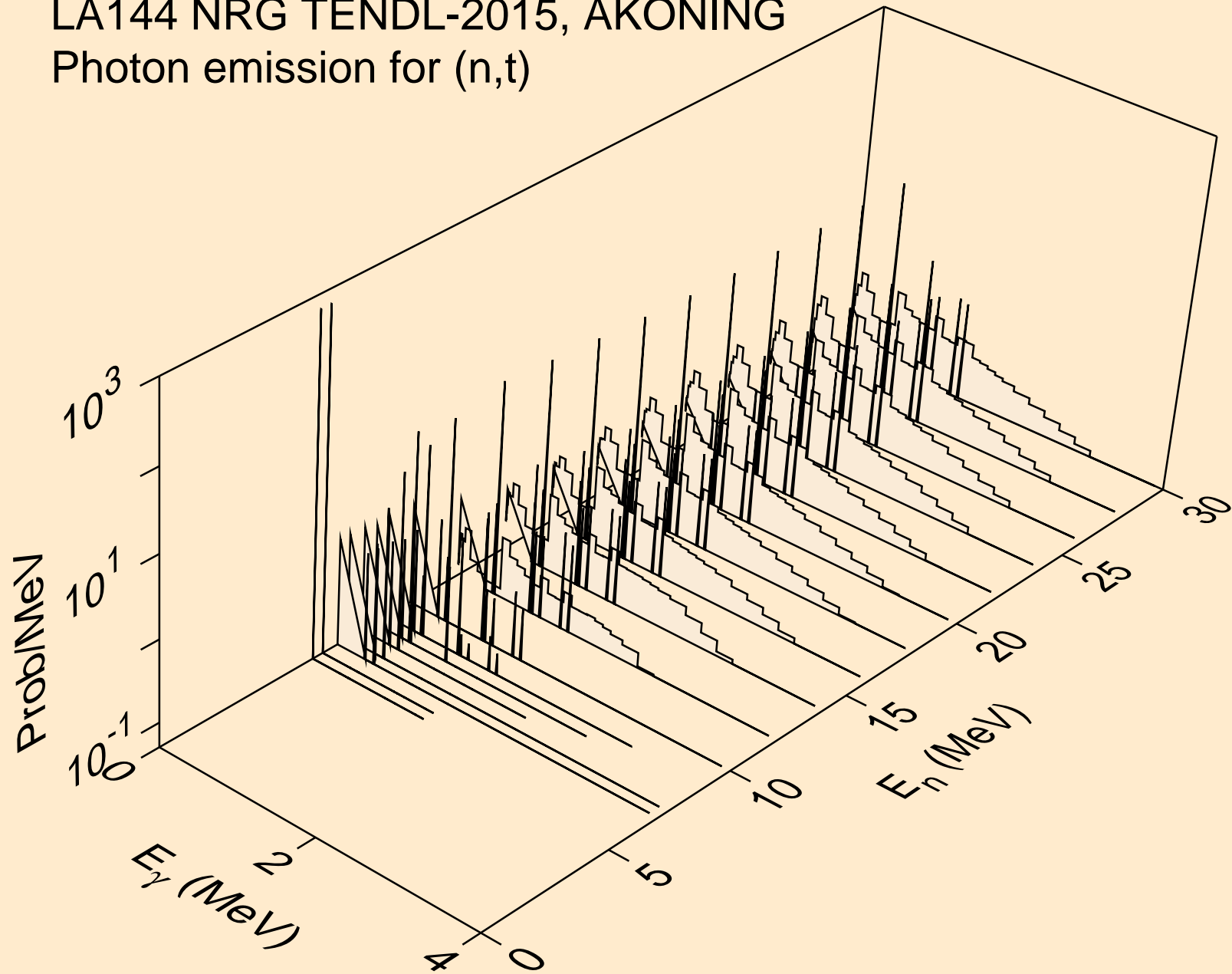




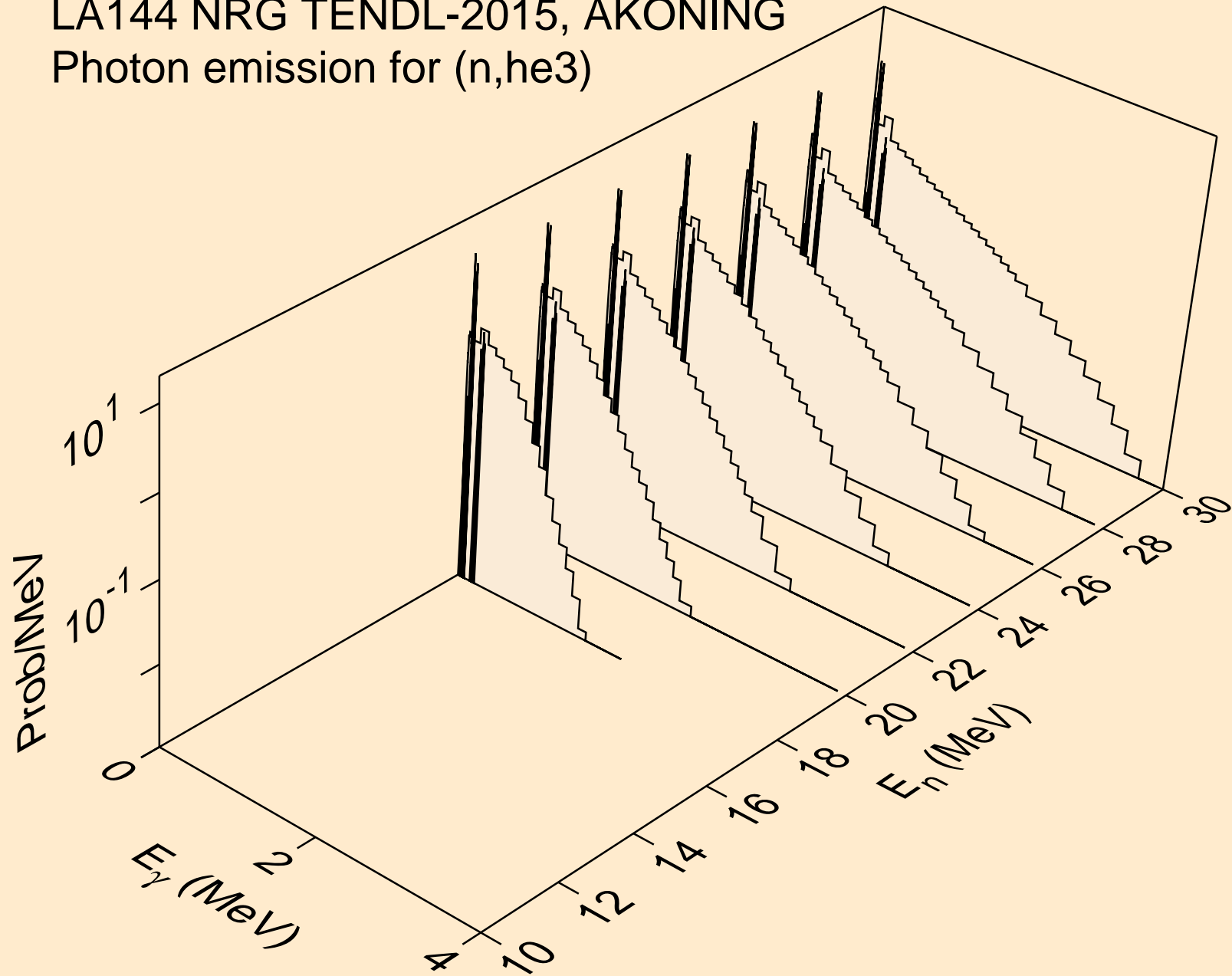
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



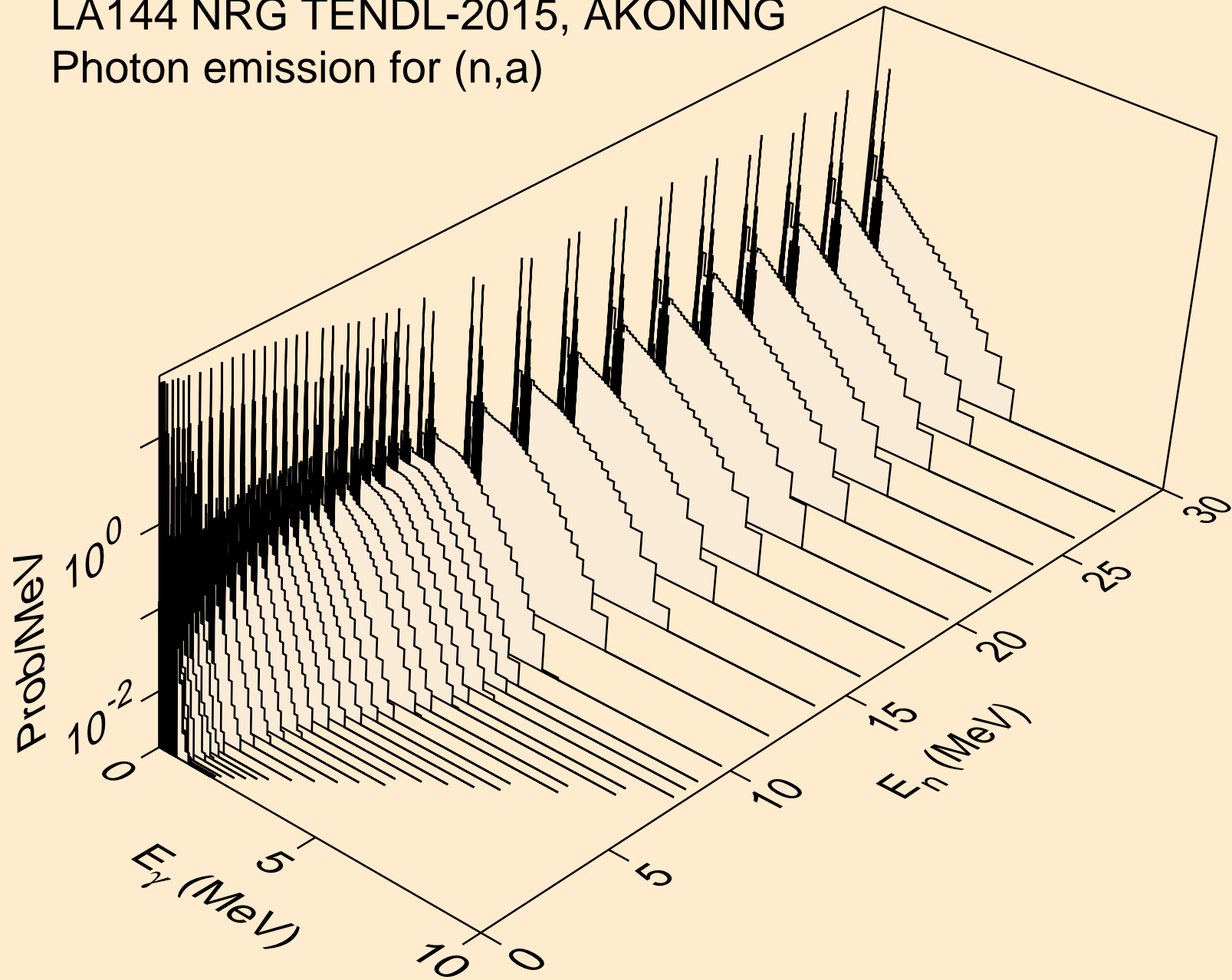
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



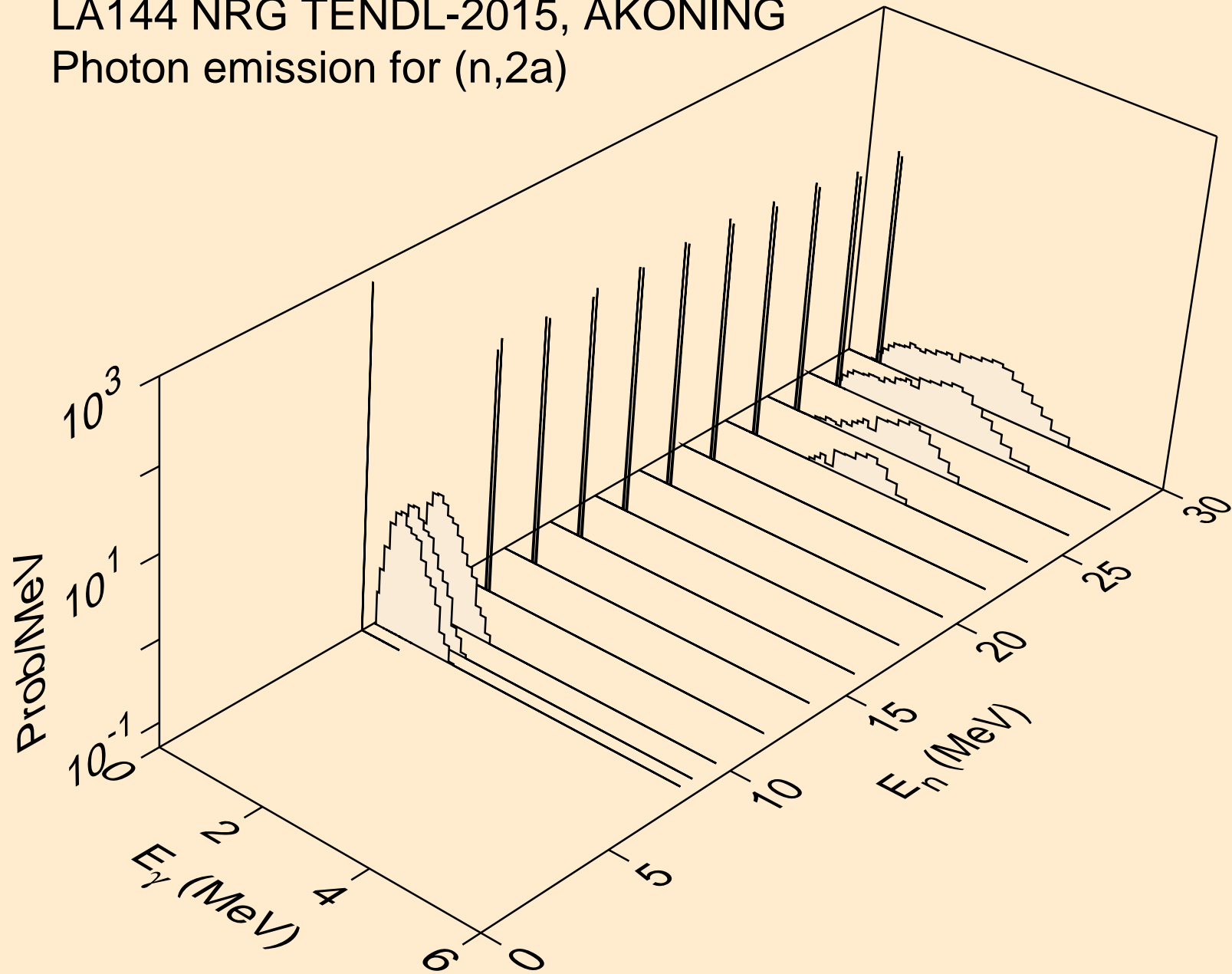
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



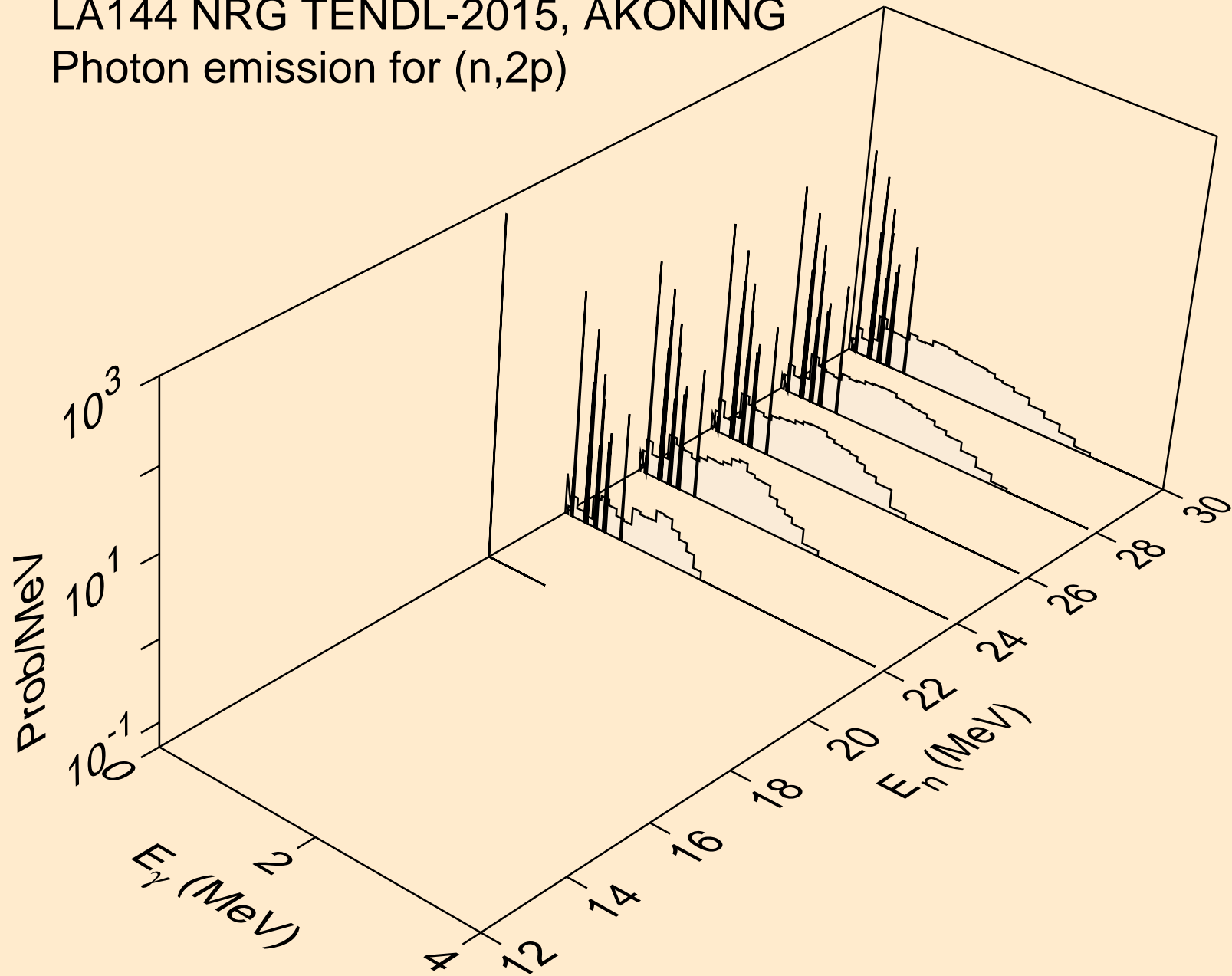
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



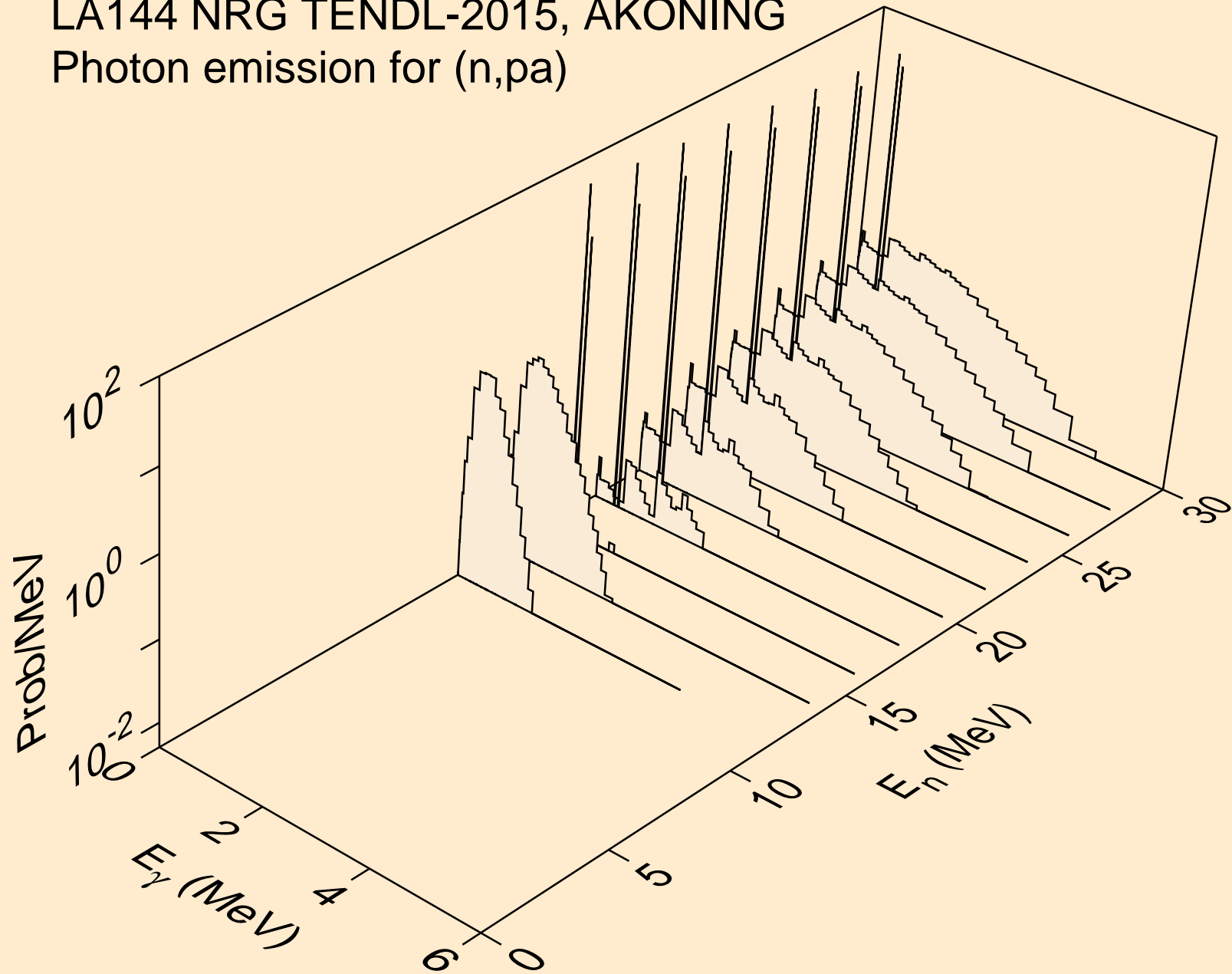
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



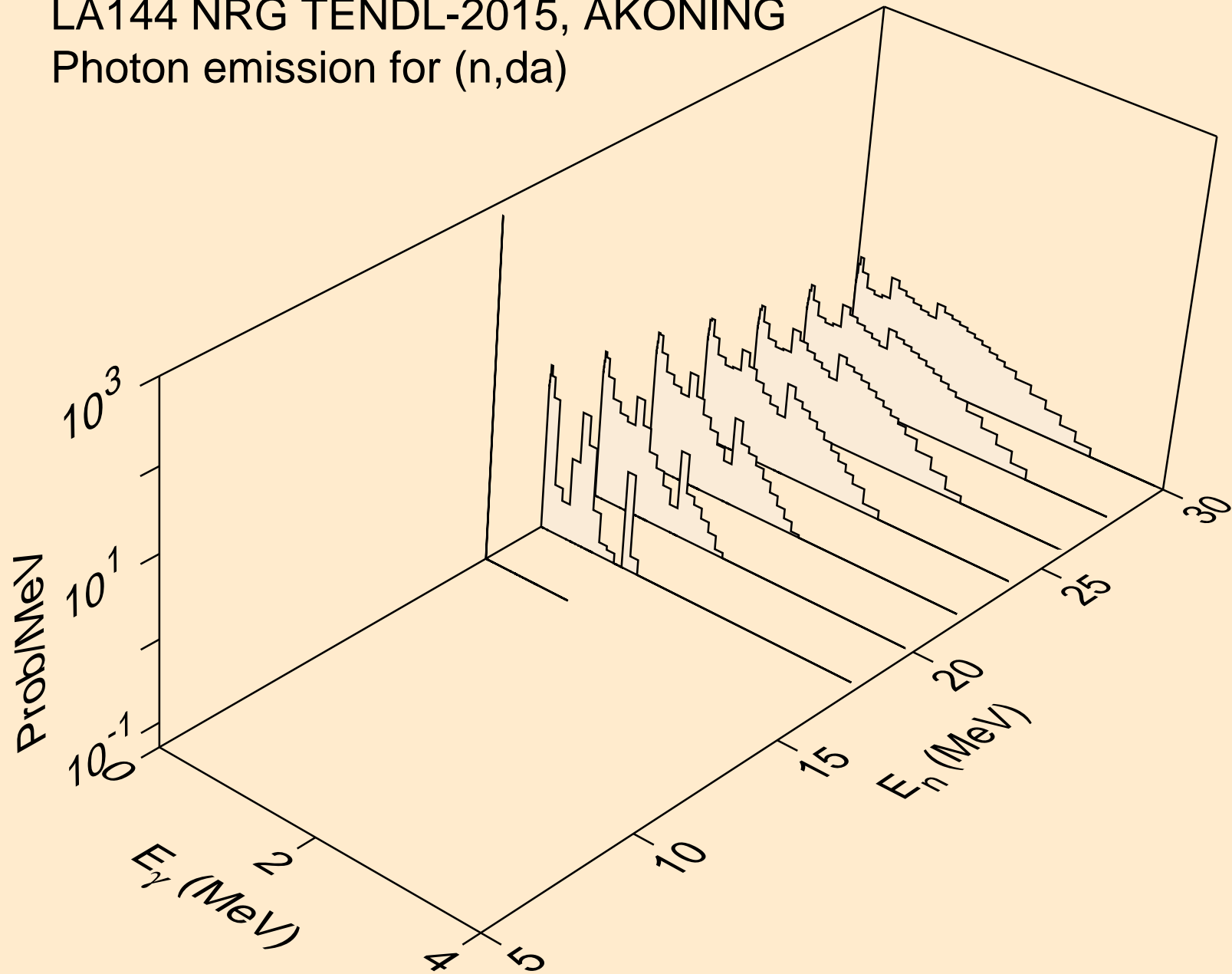
LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

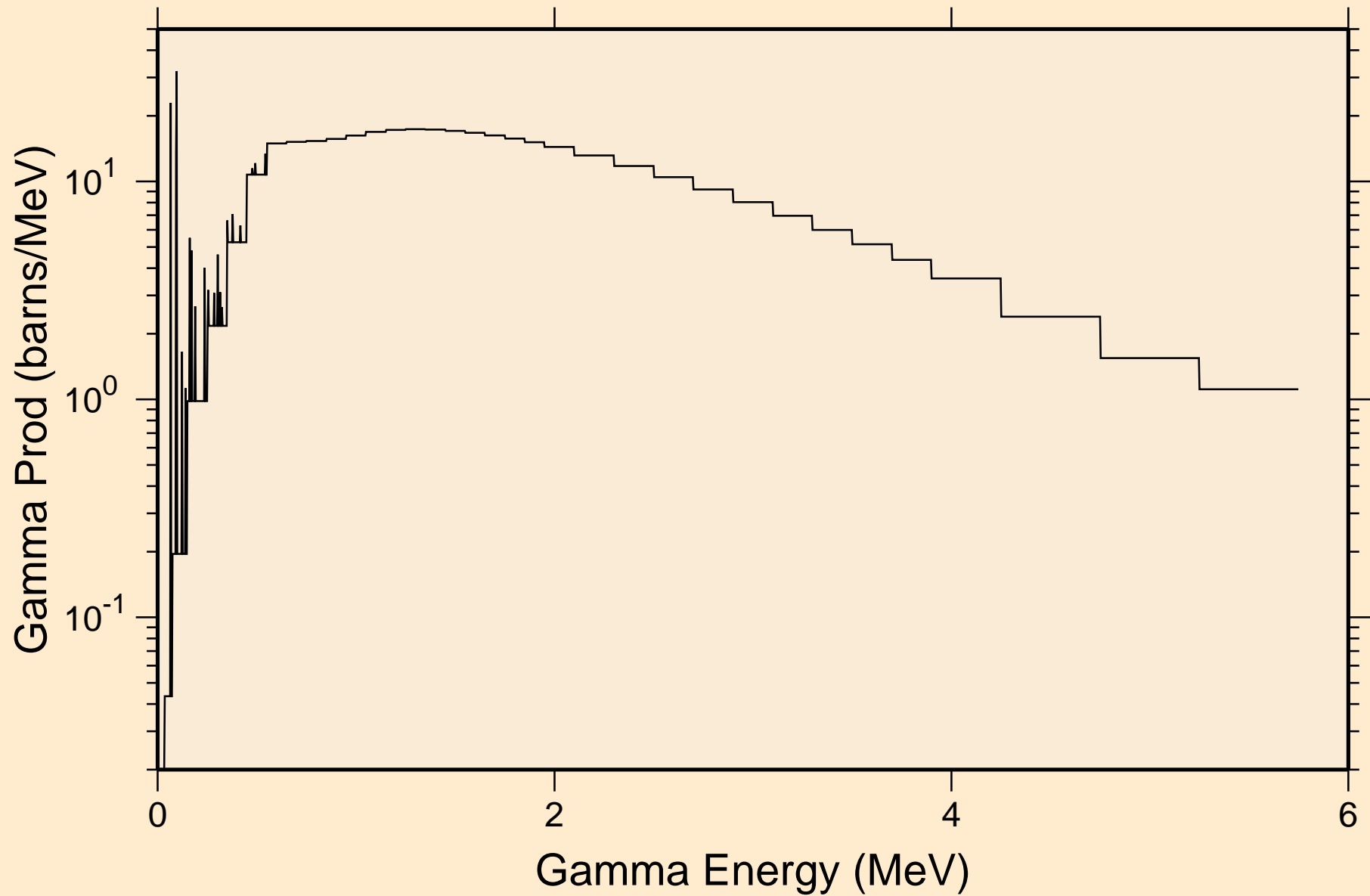


LA144 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

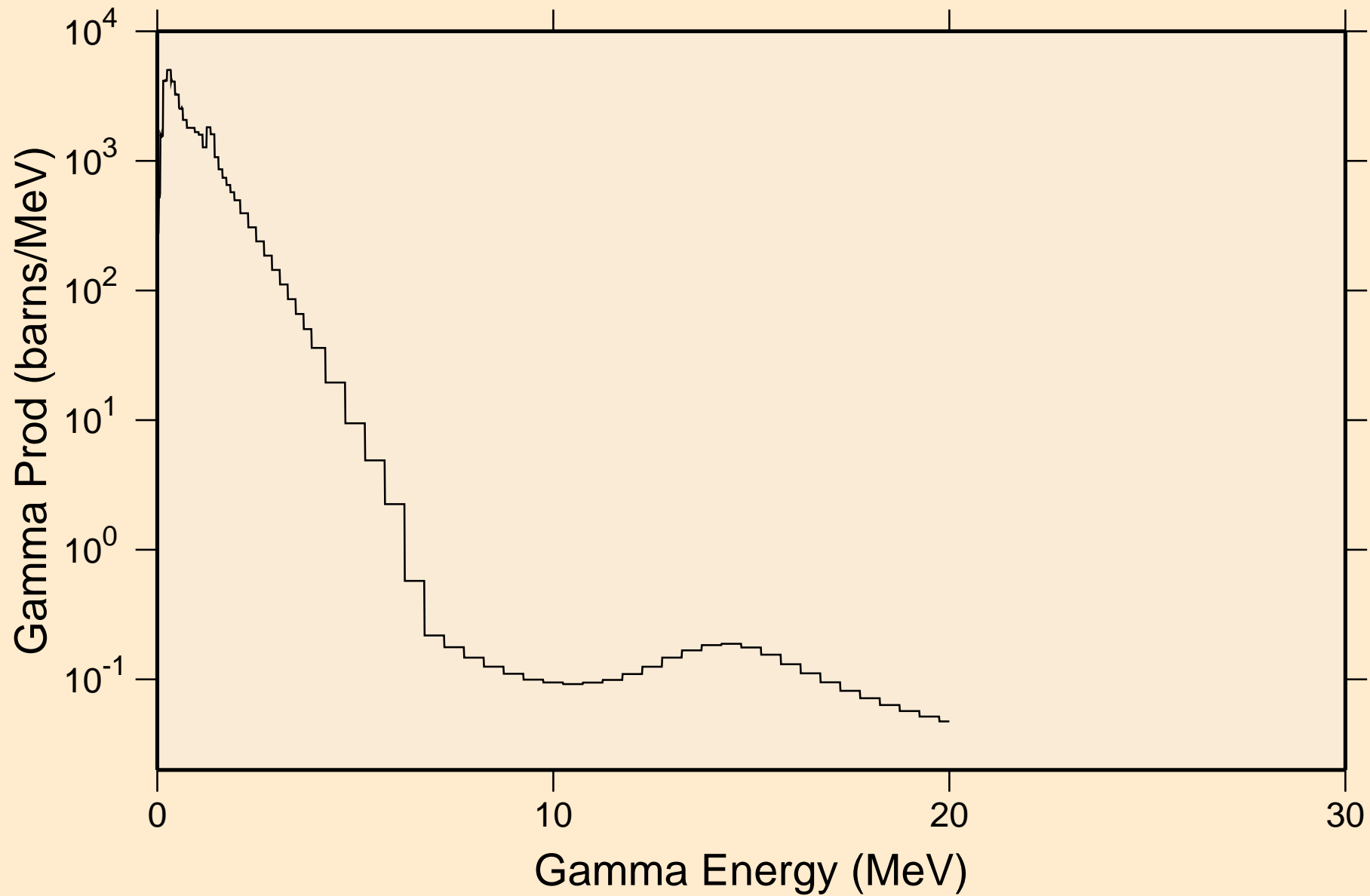




LA144 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

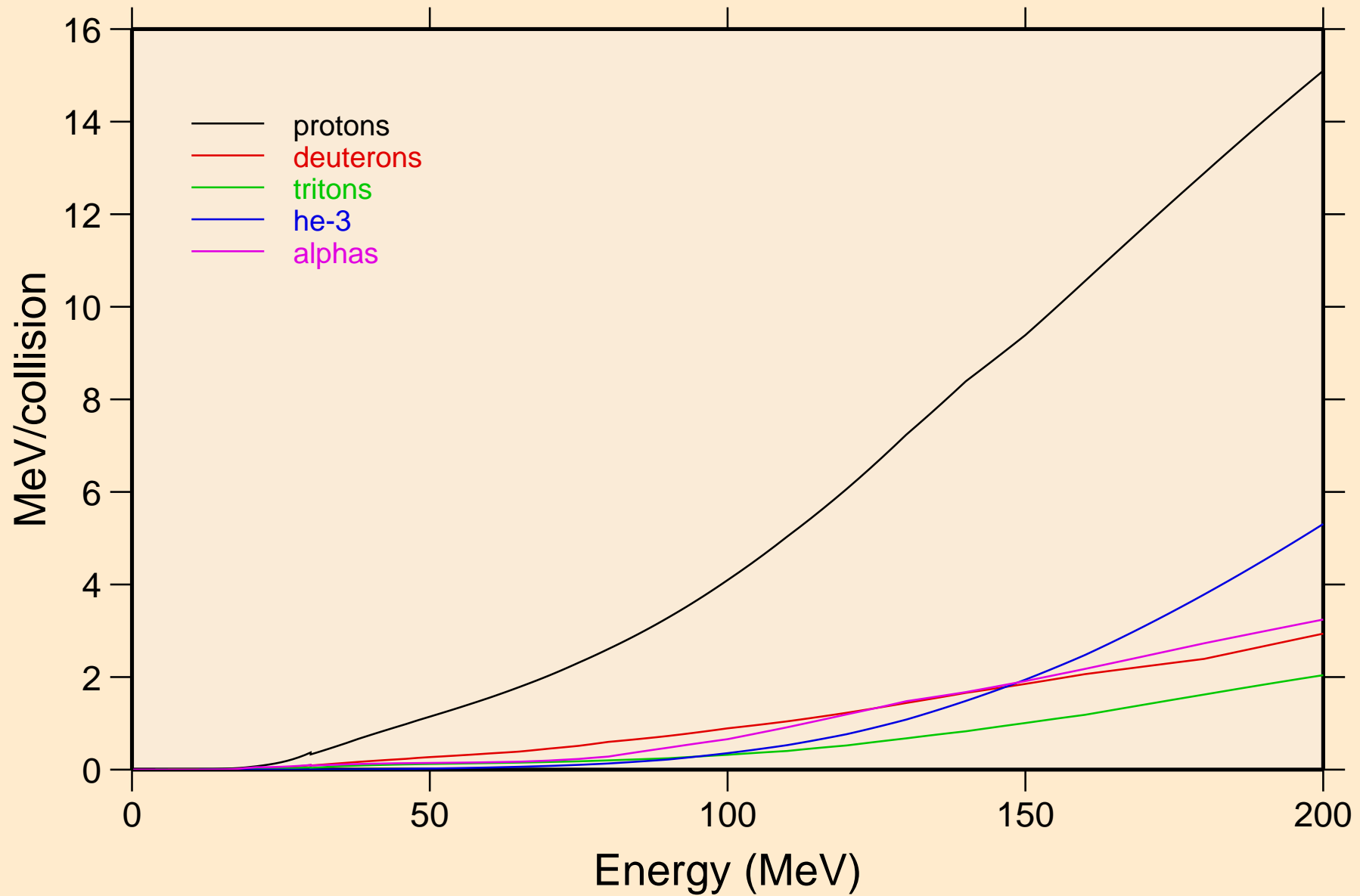


LA144 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



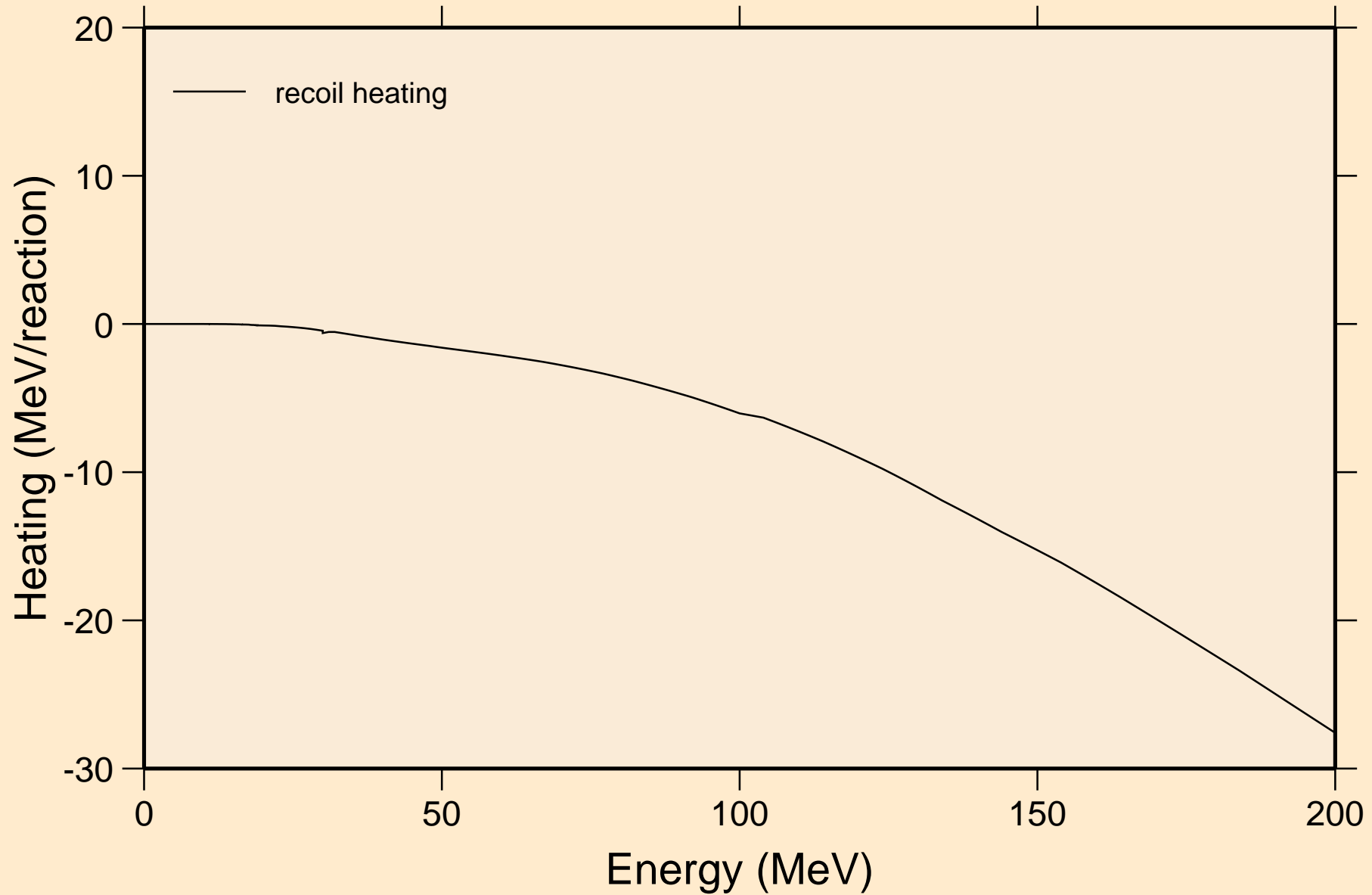
# LA144 NRG TENDL-2015, AKONING

## Particle heating contributions



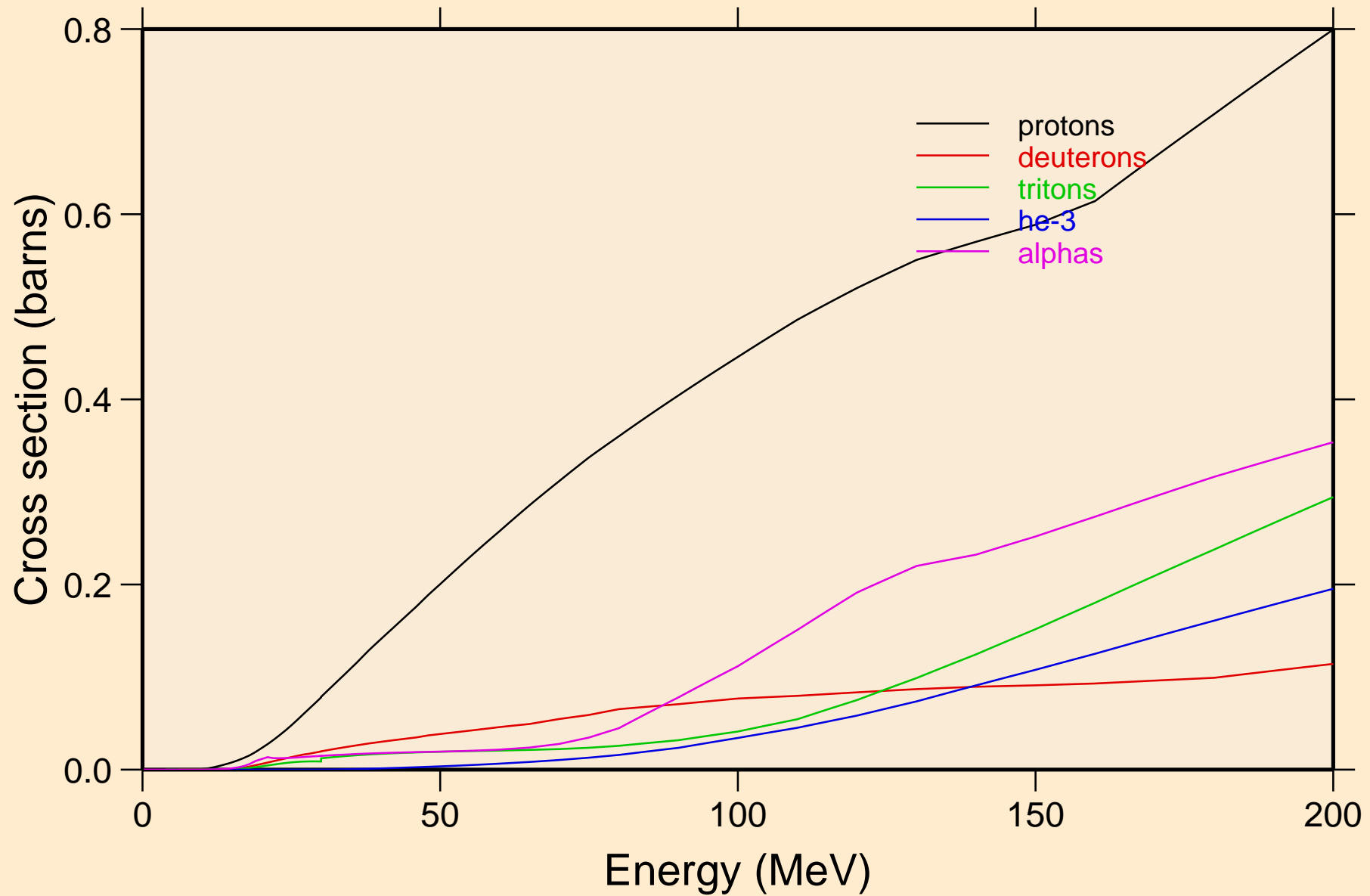
# LA144 NRG TENDL-2015, AKONING

## Recoil Heating

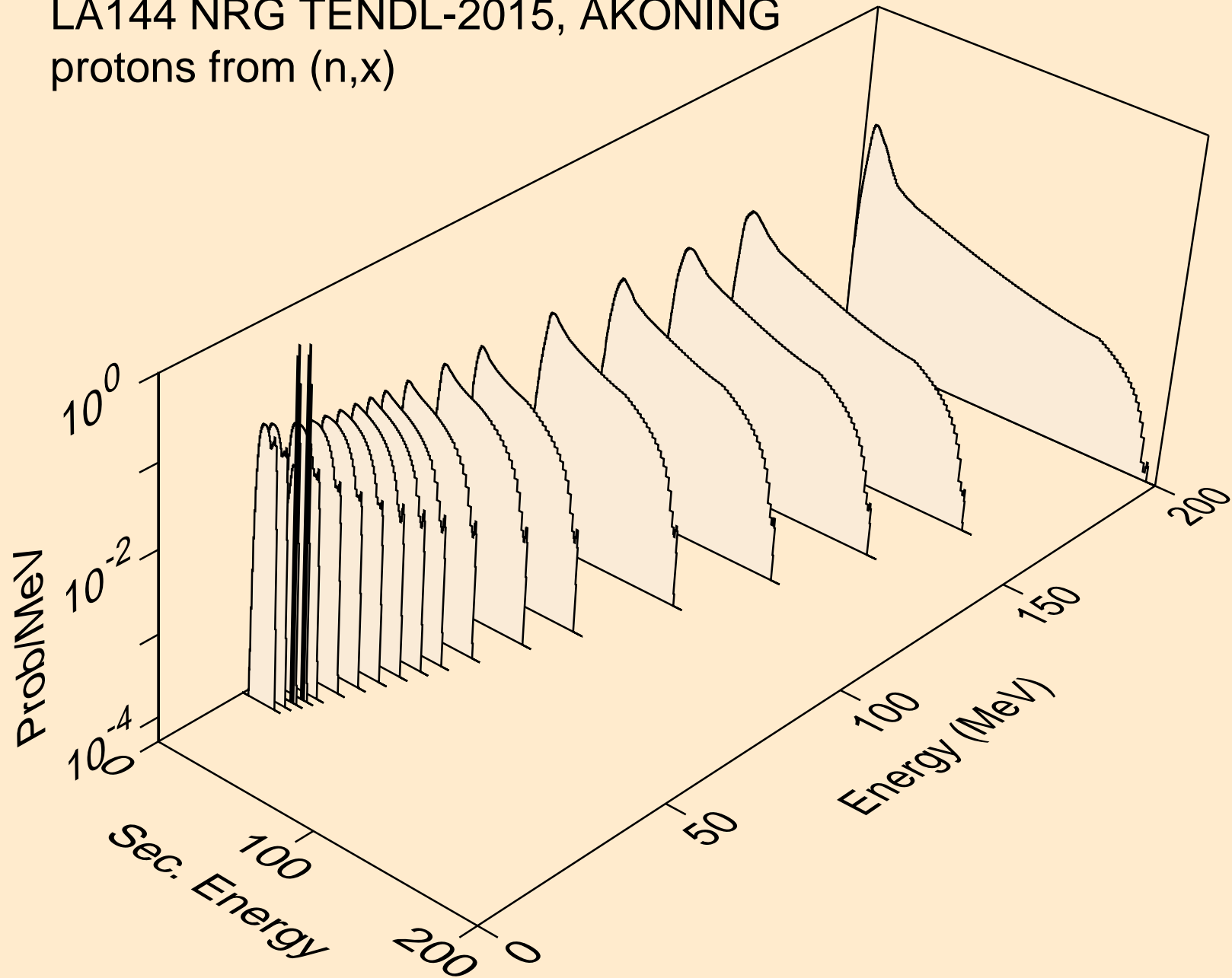


# LA144 NRG TENDL-2015, AKONING

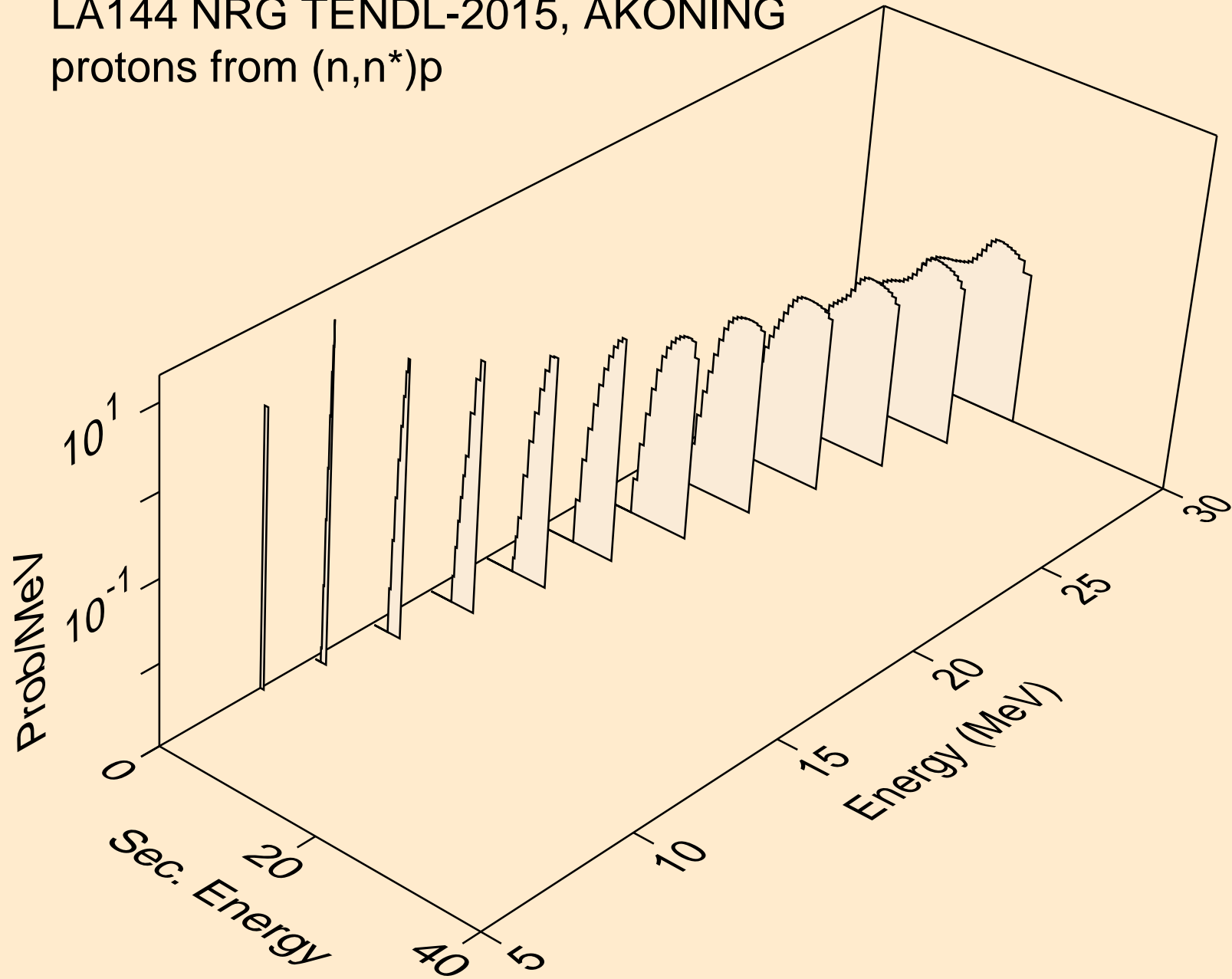
## Particle production cross sections



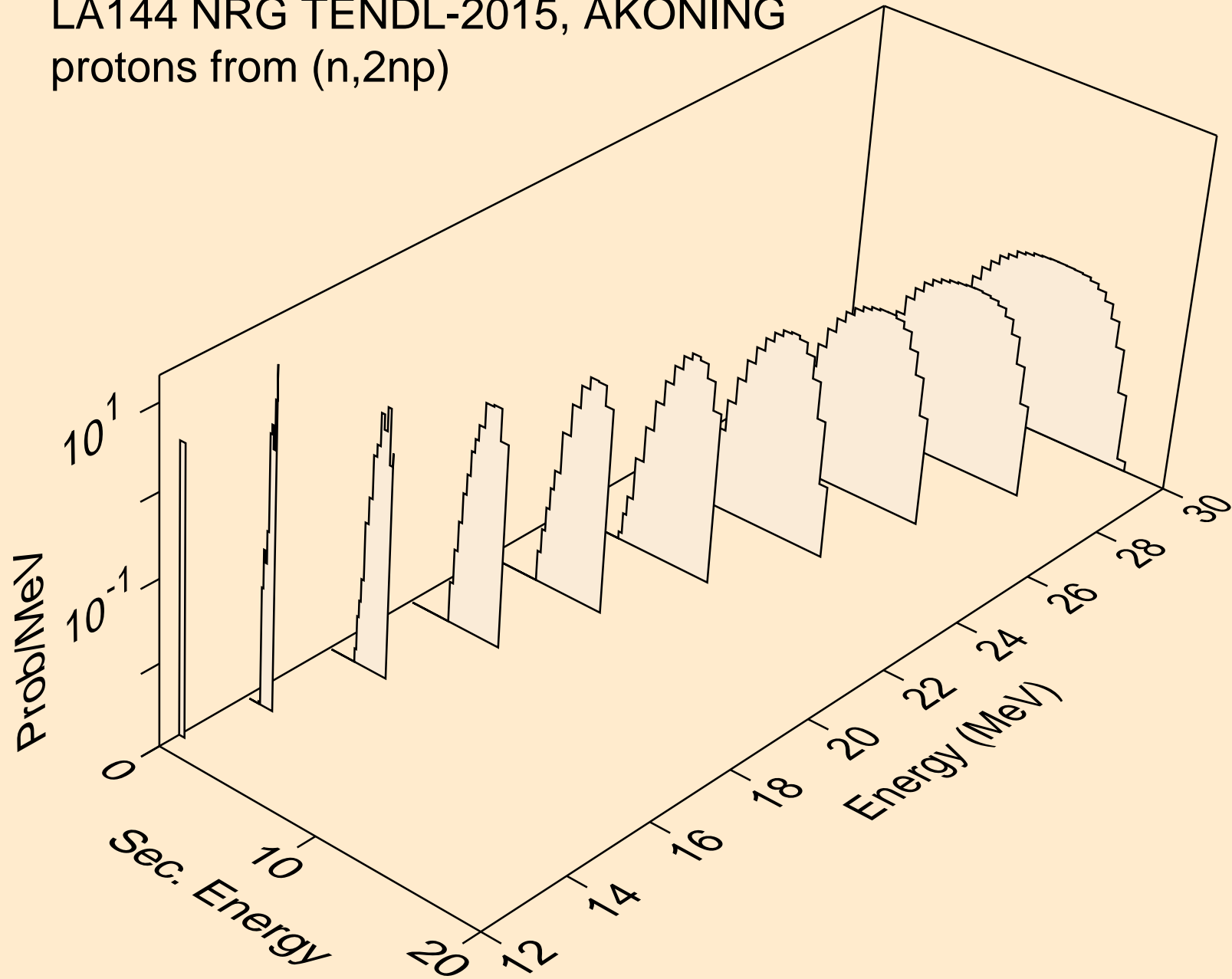
LA144 NRG TENDL-2015, AKONING  
protons from (n,x)



LA144 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

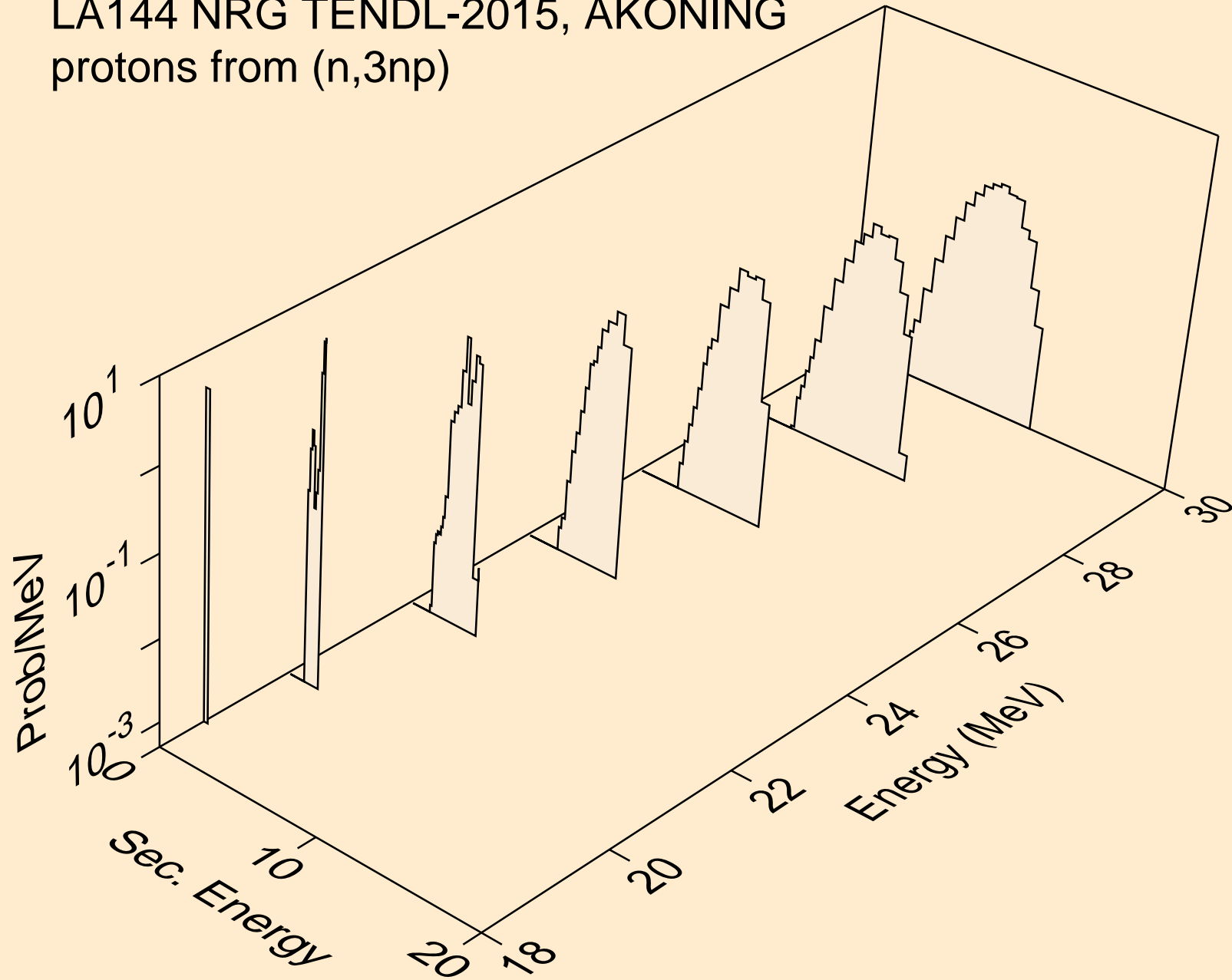


LA144 NRG TENDL-2015, AKONING  
protons from (n,2np)

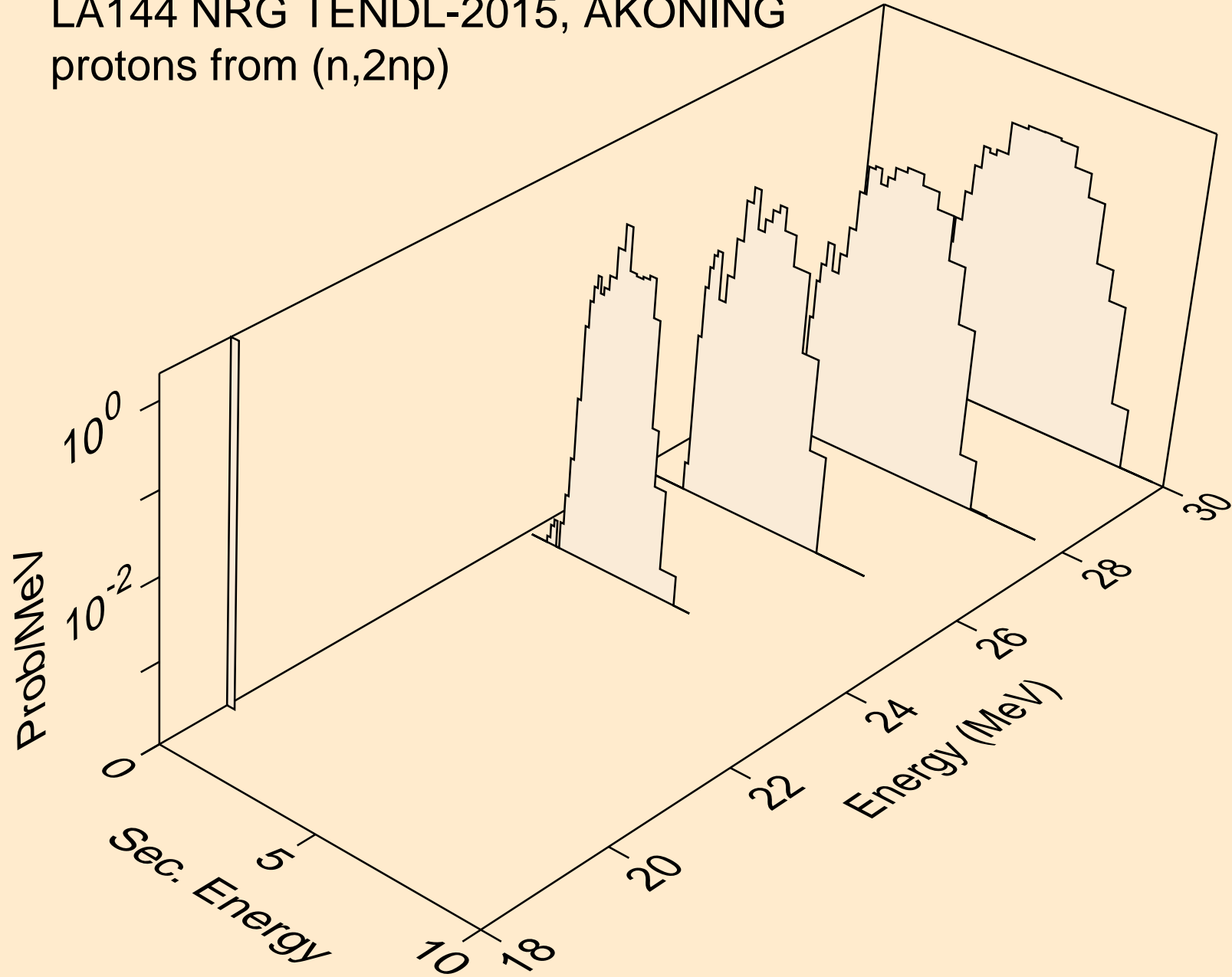




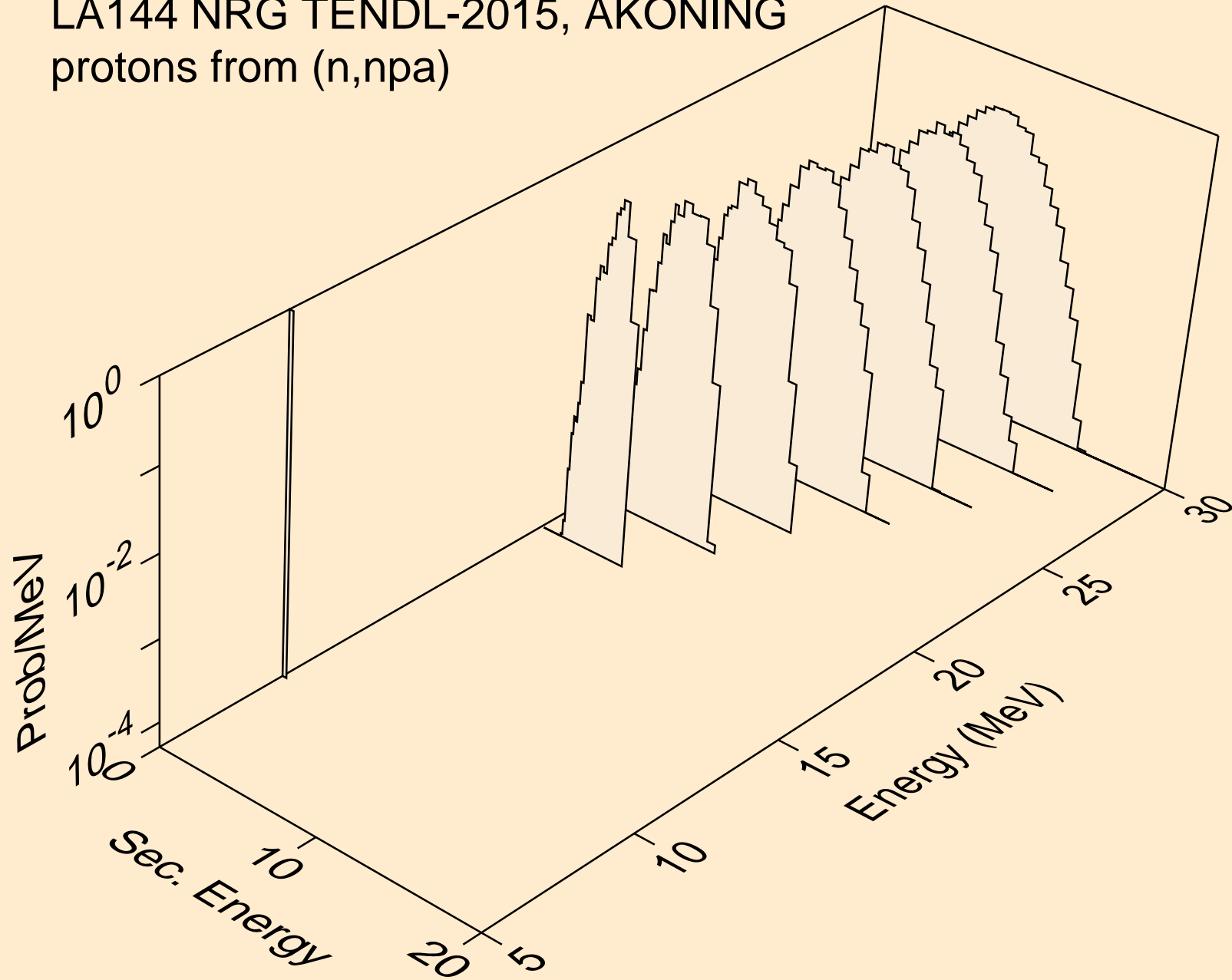
LA144 NRG TENDL-2015, AKONING  
protons from (n,3np)



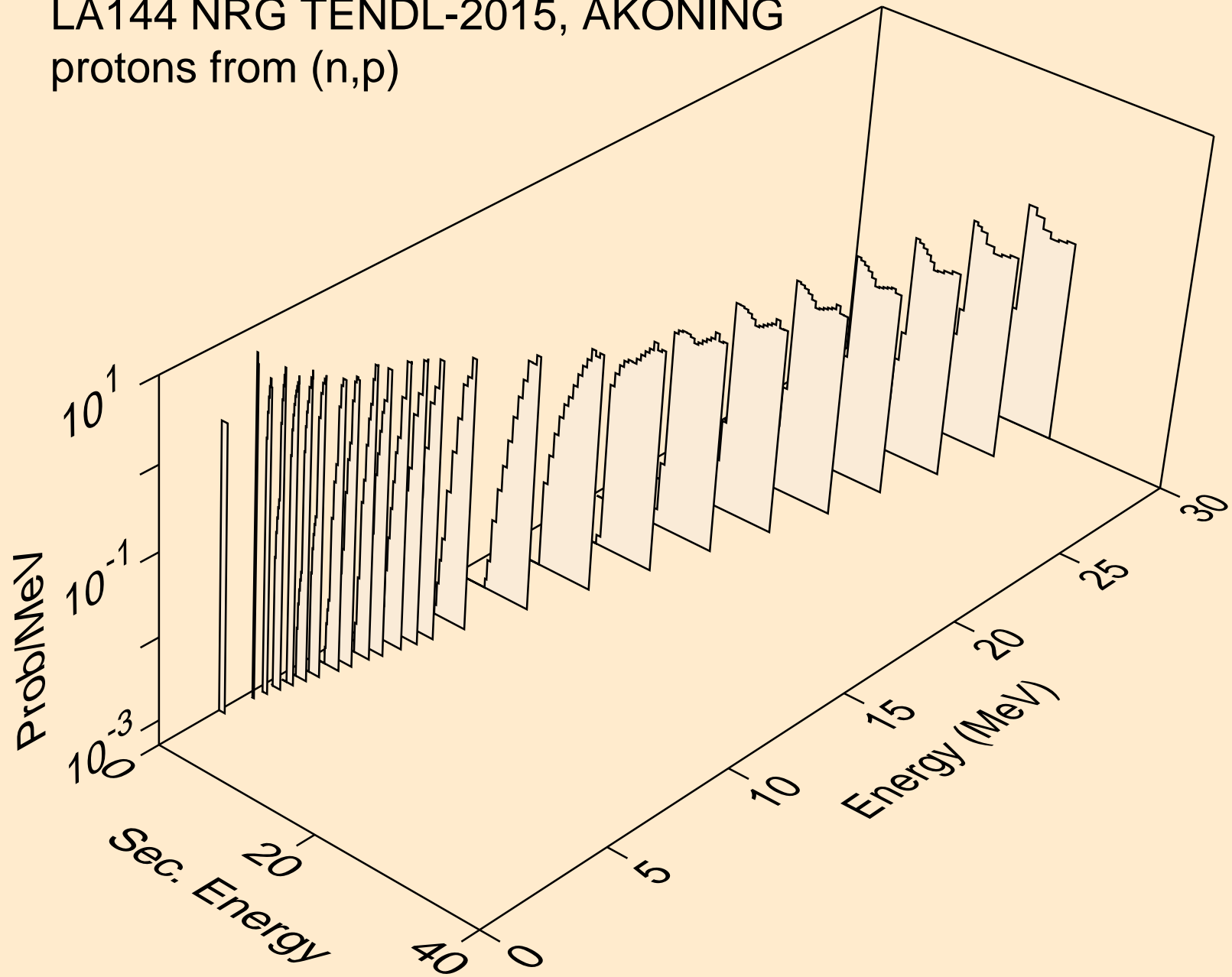
LA144 NRG TENDL-2015, AKONING  
protons from (n,2np)



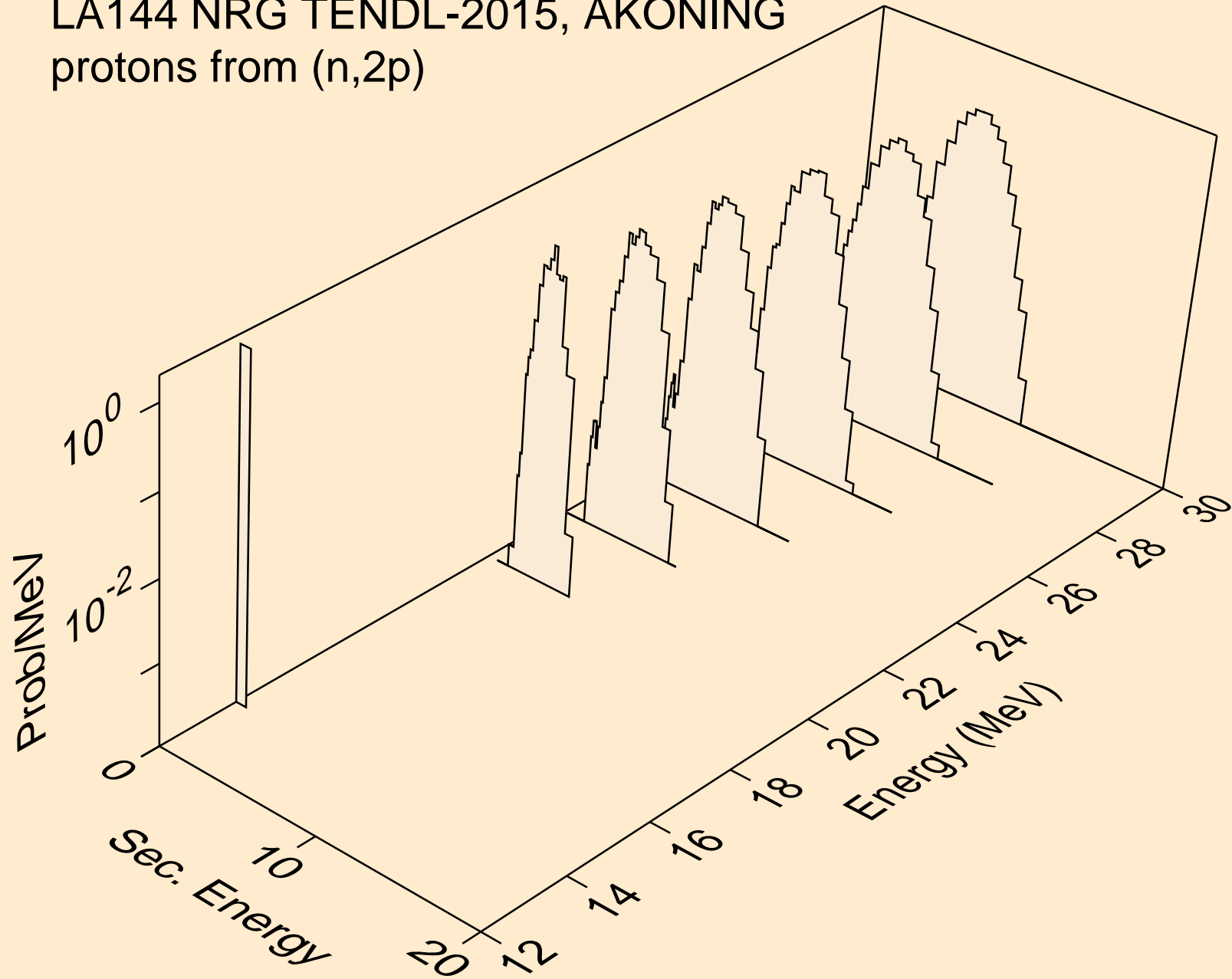
LA144 NRG TENDL-2015, AKONING  
protons from (n,npa)



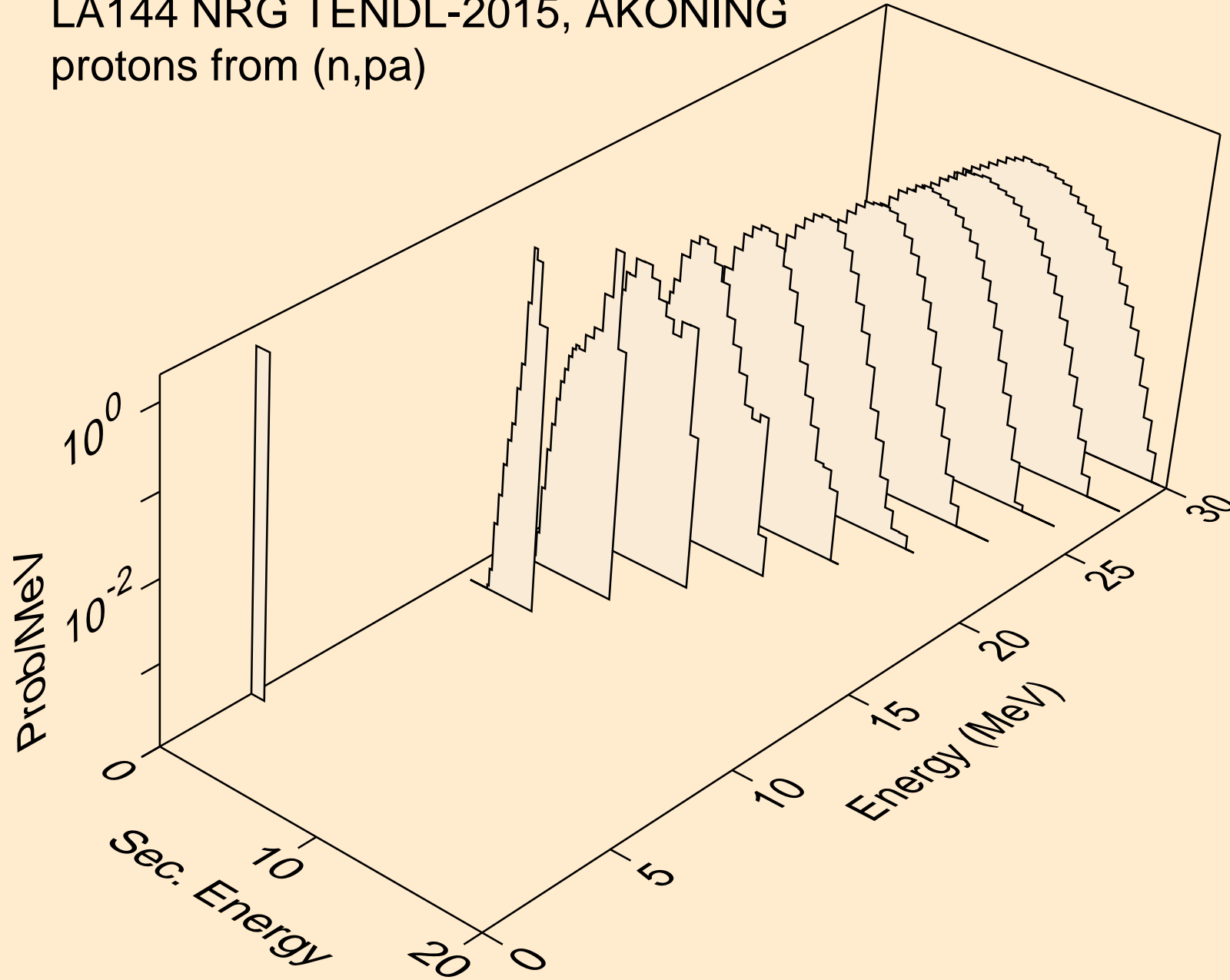
LA144 NRG TENDL-2015, AKONING  
protons from (n,p)



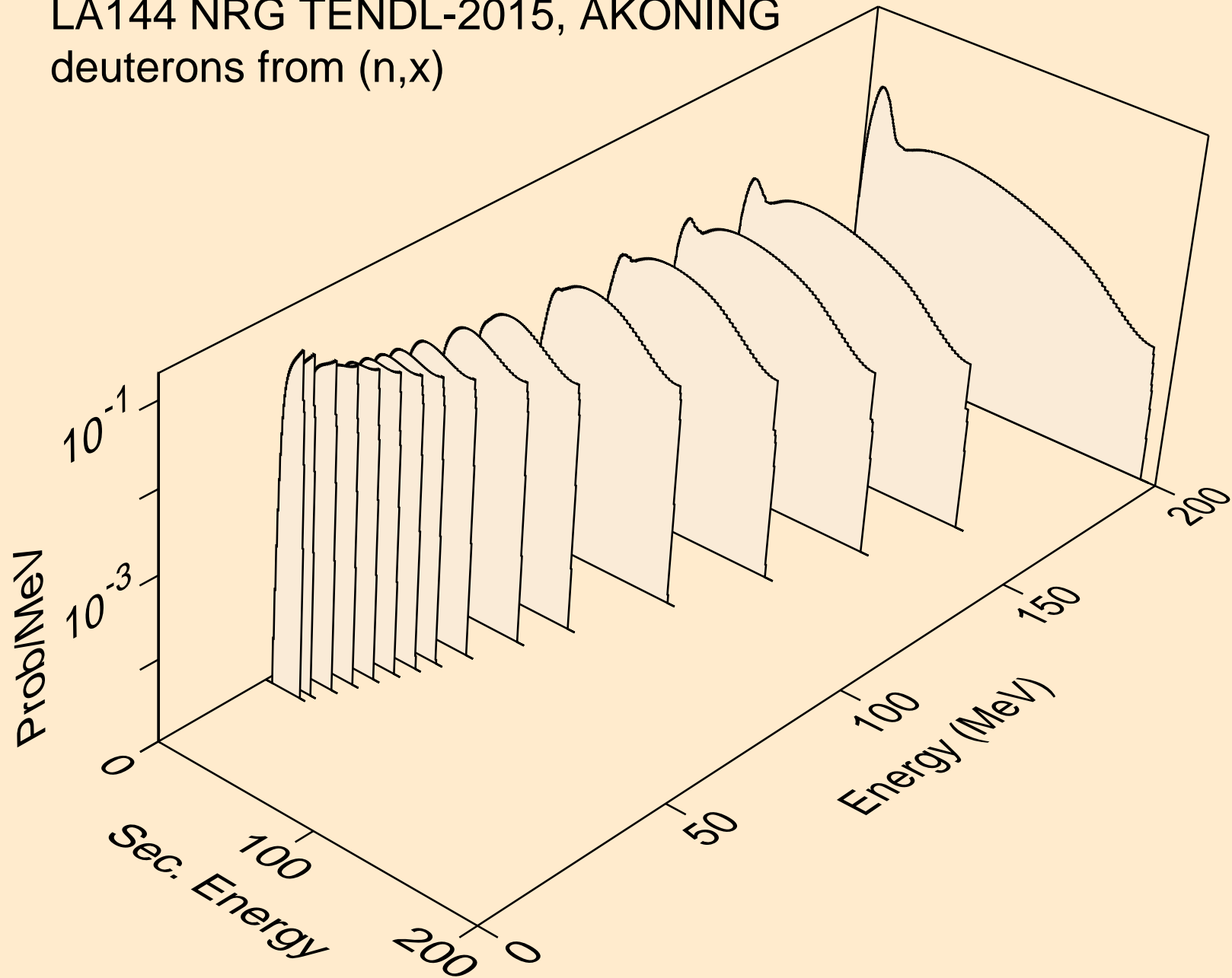
LA144 NRG TENDL-2015, AKONING  
protons from (n,2p)



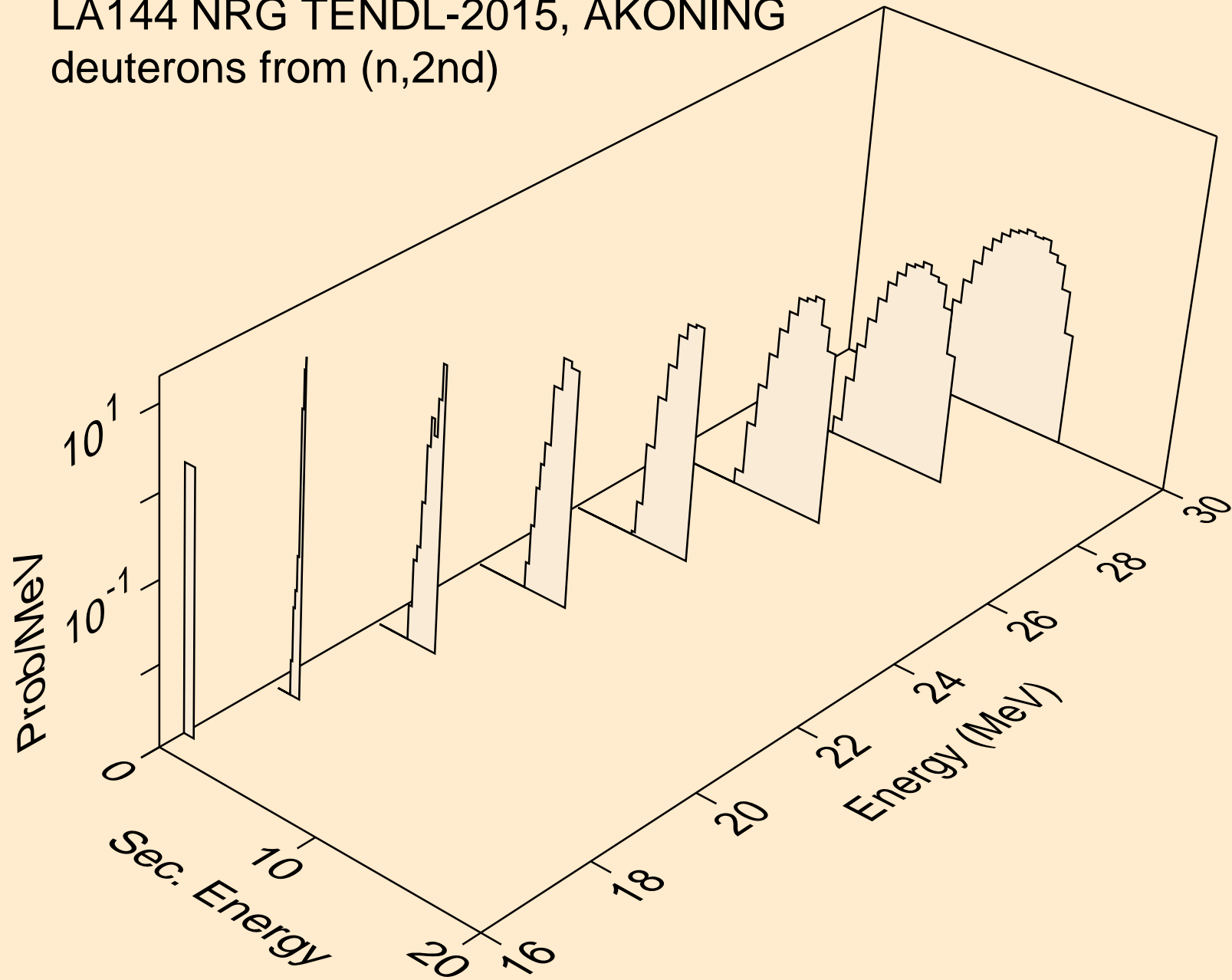
LA144 NRG TENDL-2015, AKONING  
protons from (n,pa)



LA144 NRG TENDL-2015, AKONING  
deuterons from (n,x)

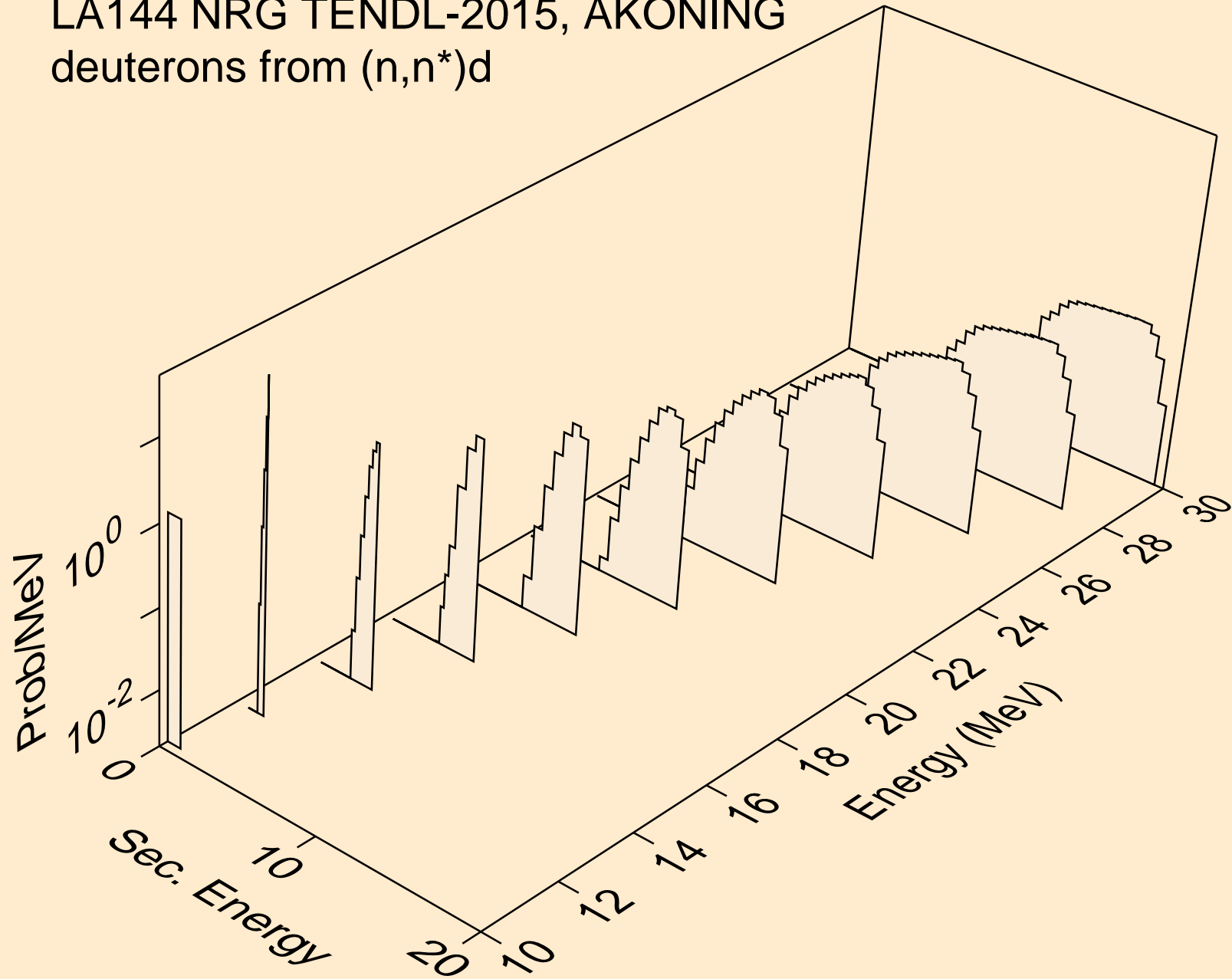


LA144 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

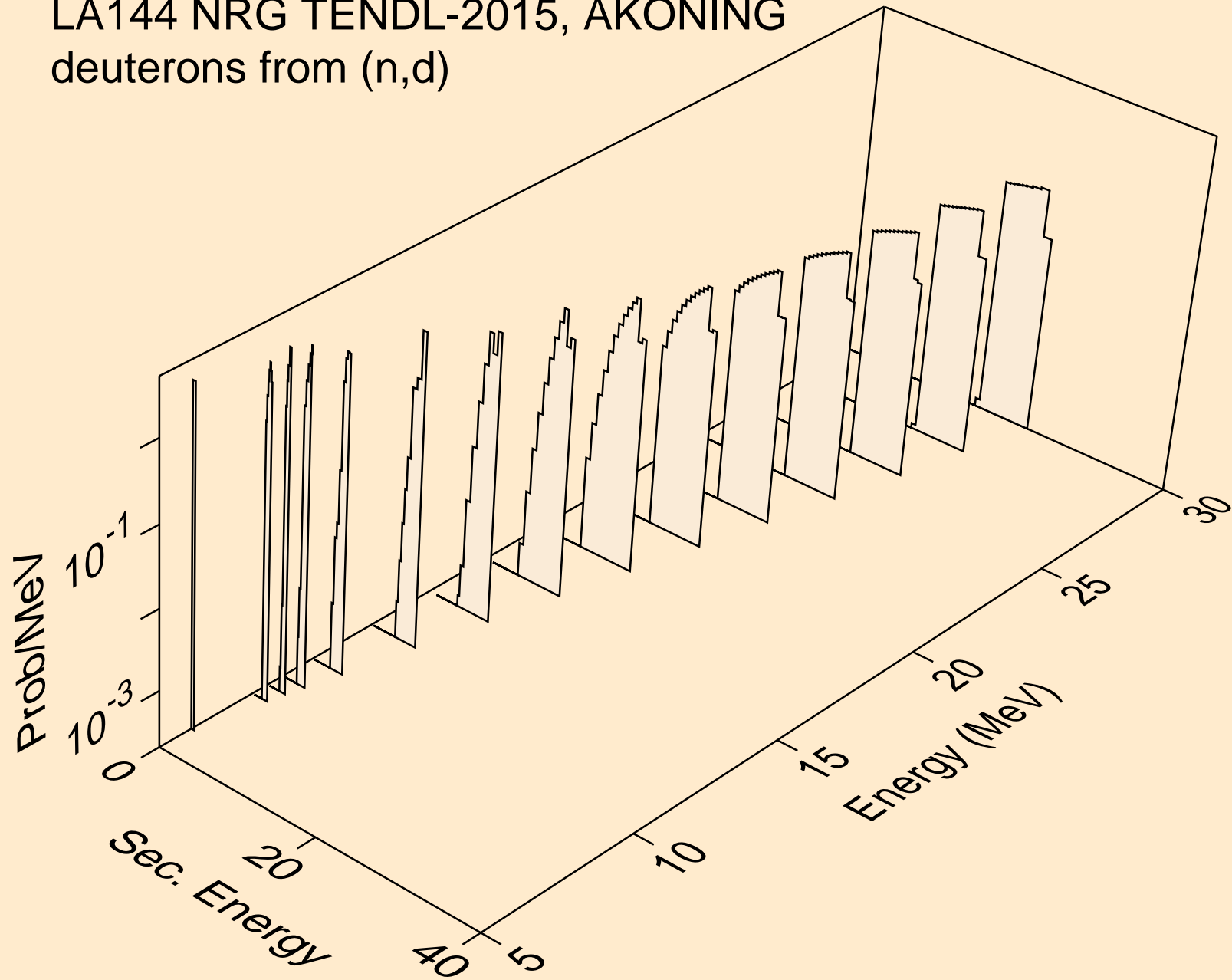




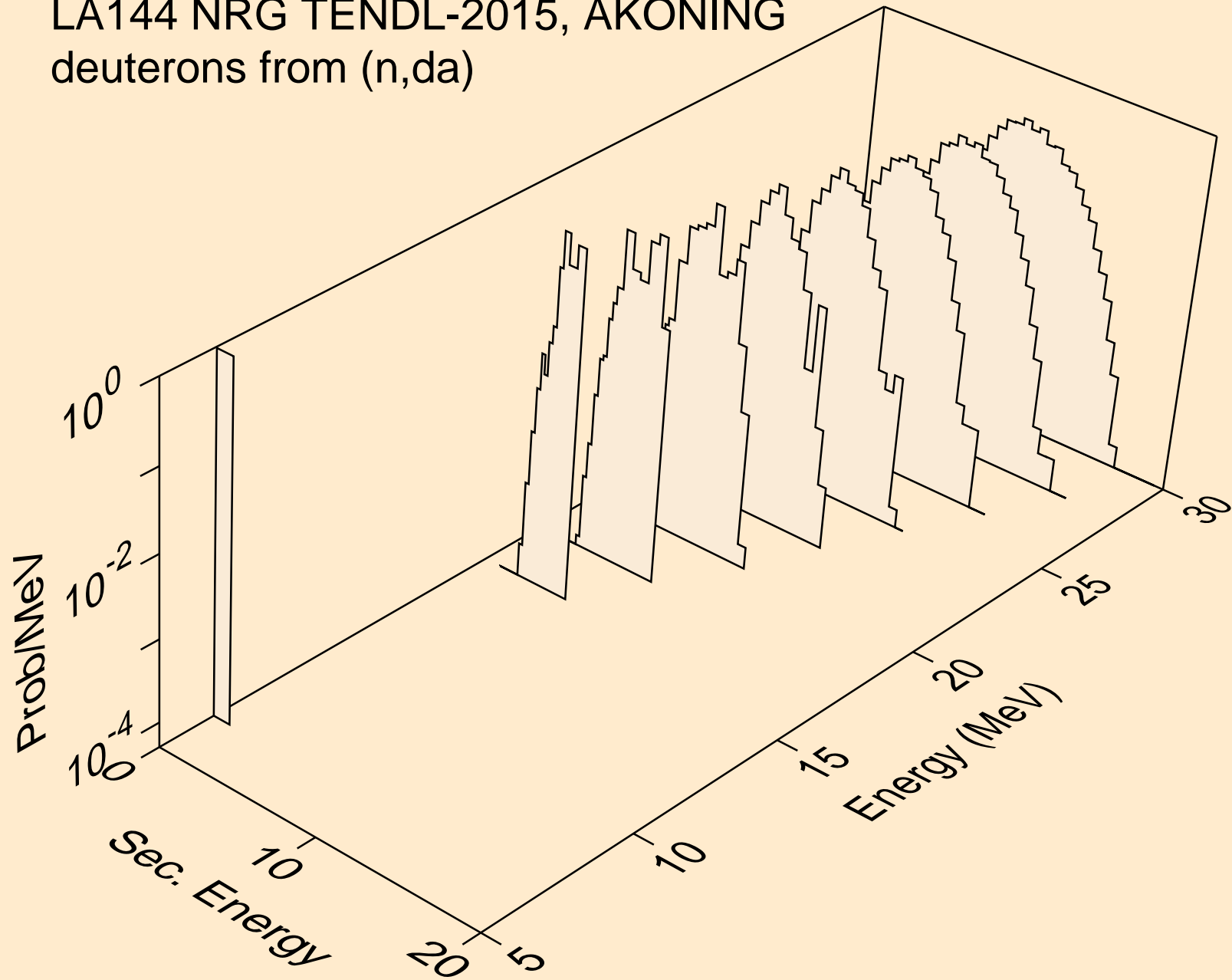
LA144 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



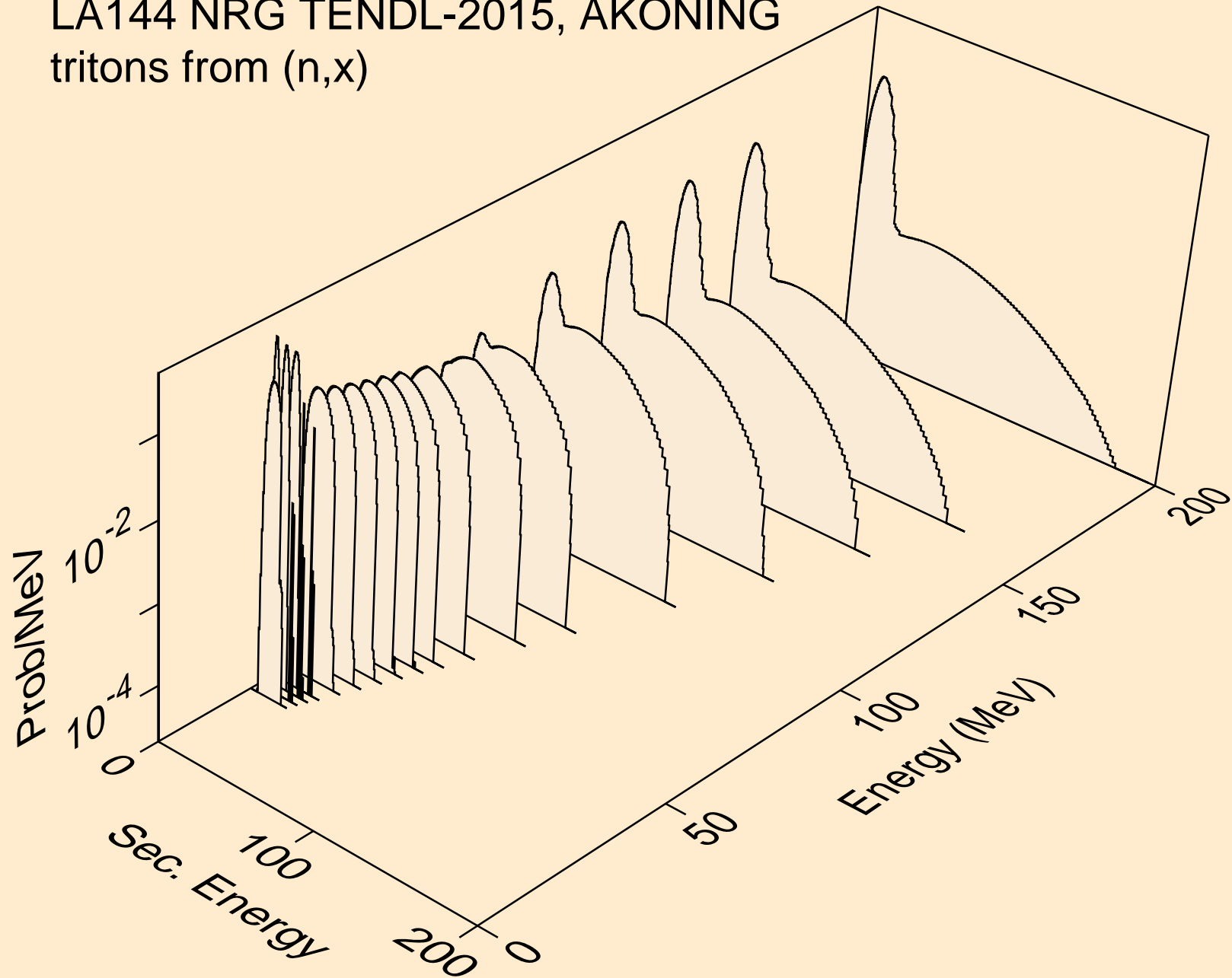
LA144 NRG TENDL-2015, AKONING  
deuterons from (n,d)



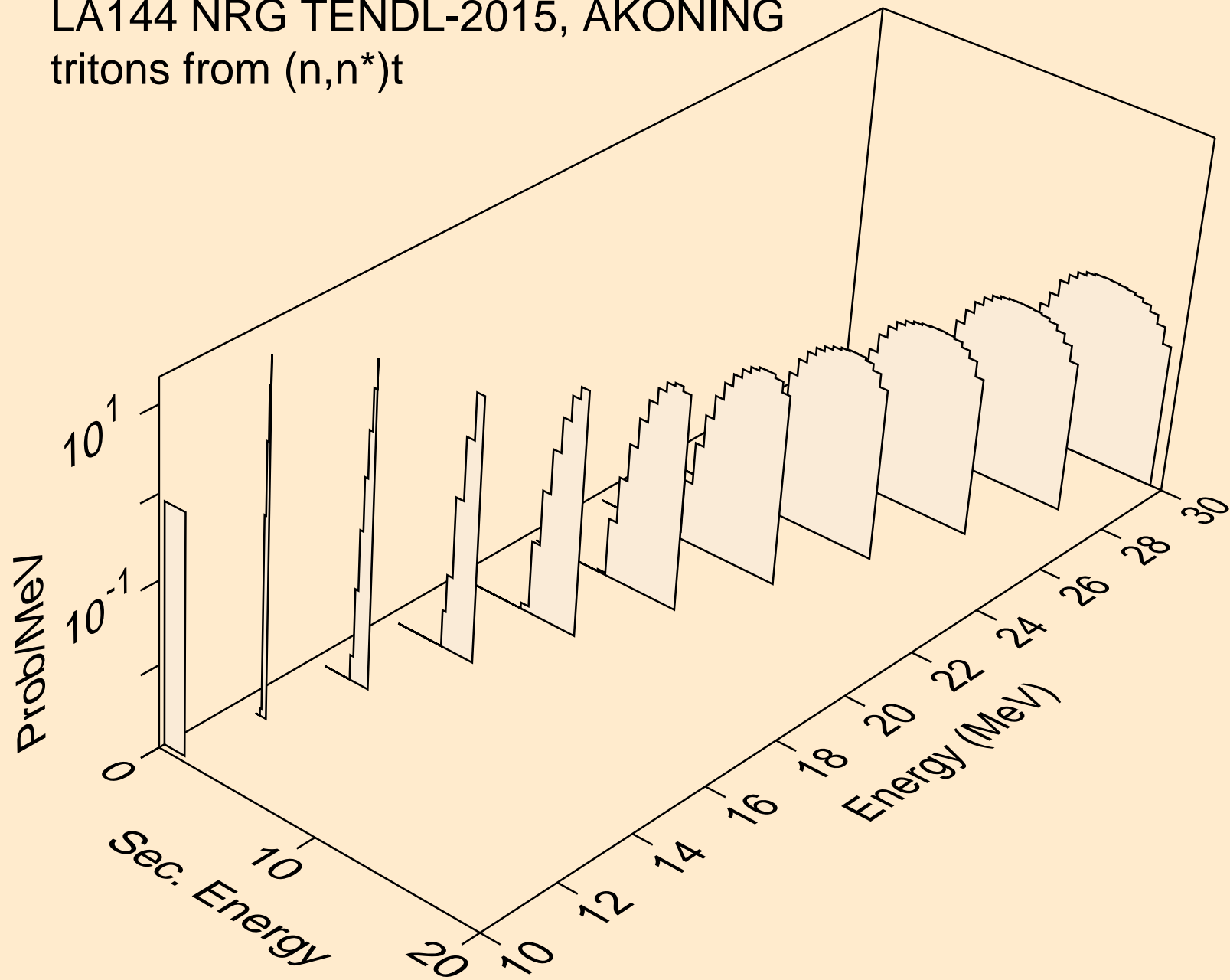
LA144 NRG TENDL-2015, AKONING  
deuterons from (n,da)



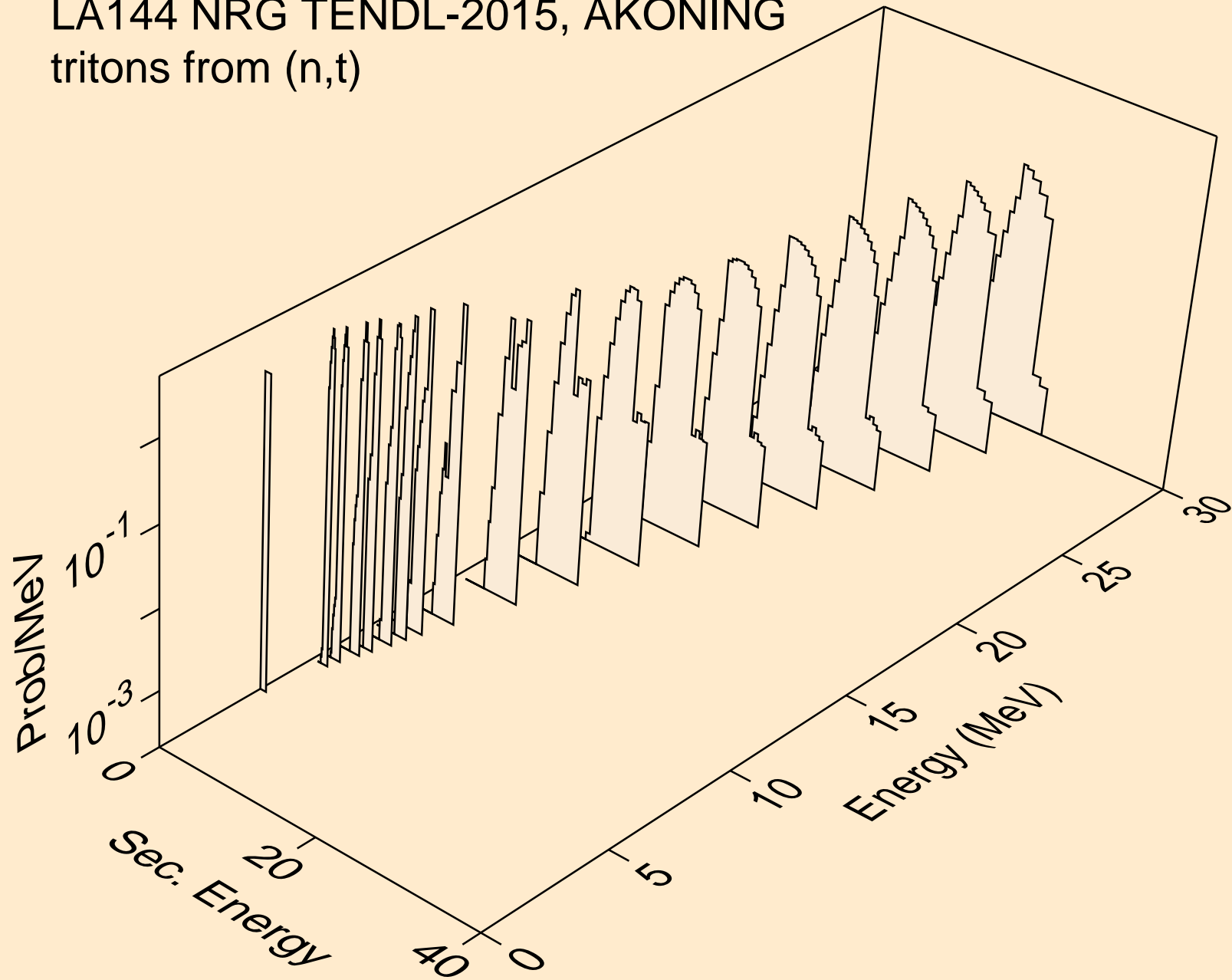
LA144 NRG TENDL-2015, AKONING  
tritons from (n,x)



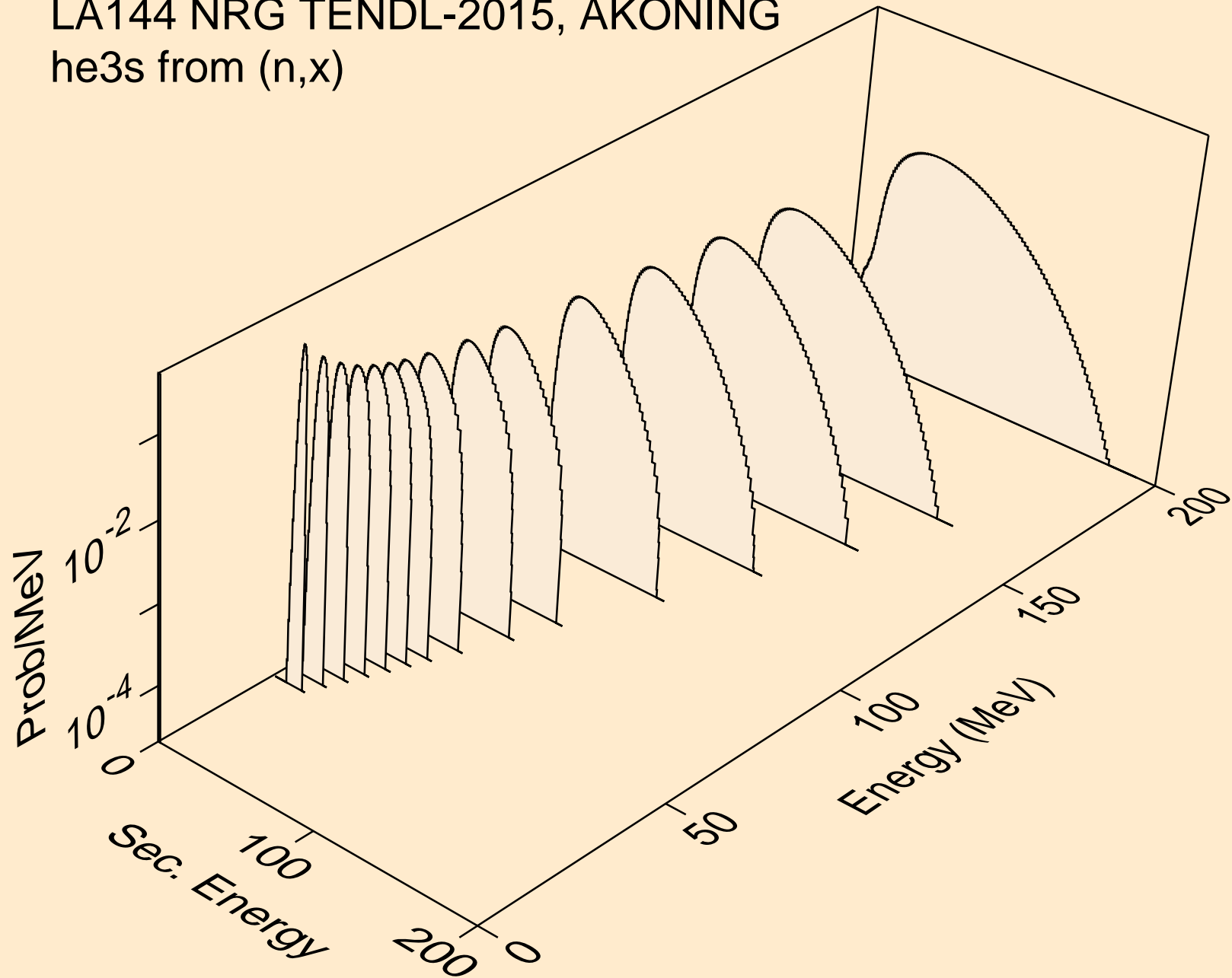
LA144 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



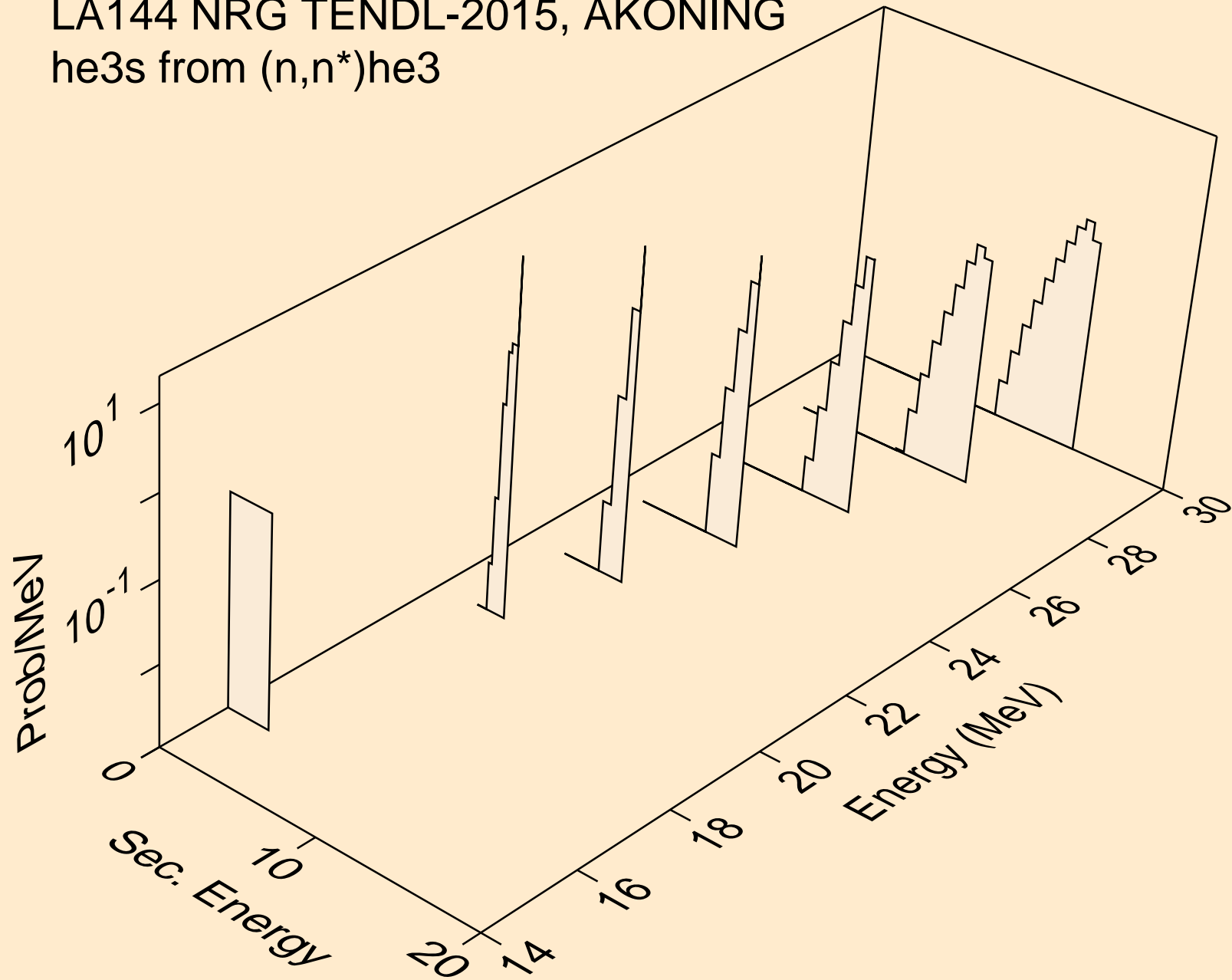
LA144 NRG TENDL-2015, AKONING  
tritons from (n,t)



LA144 NRG TENDL-2015, AKONING  
he3s from (n,x)

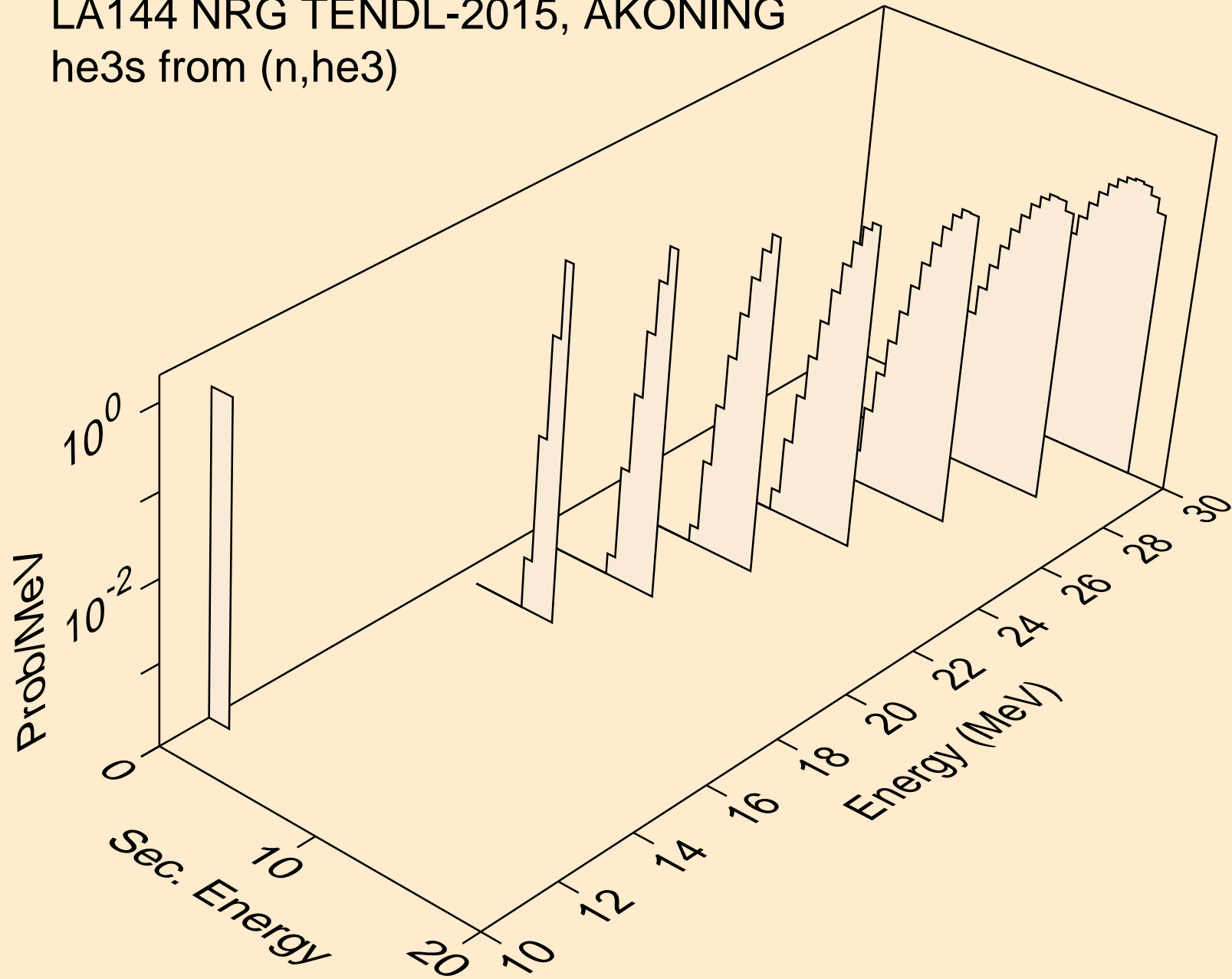


LA144 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

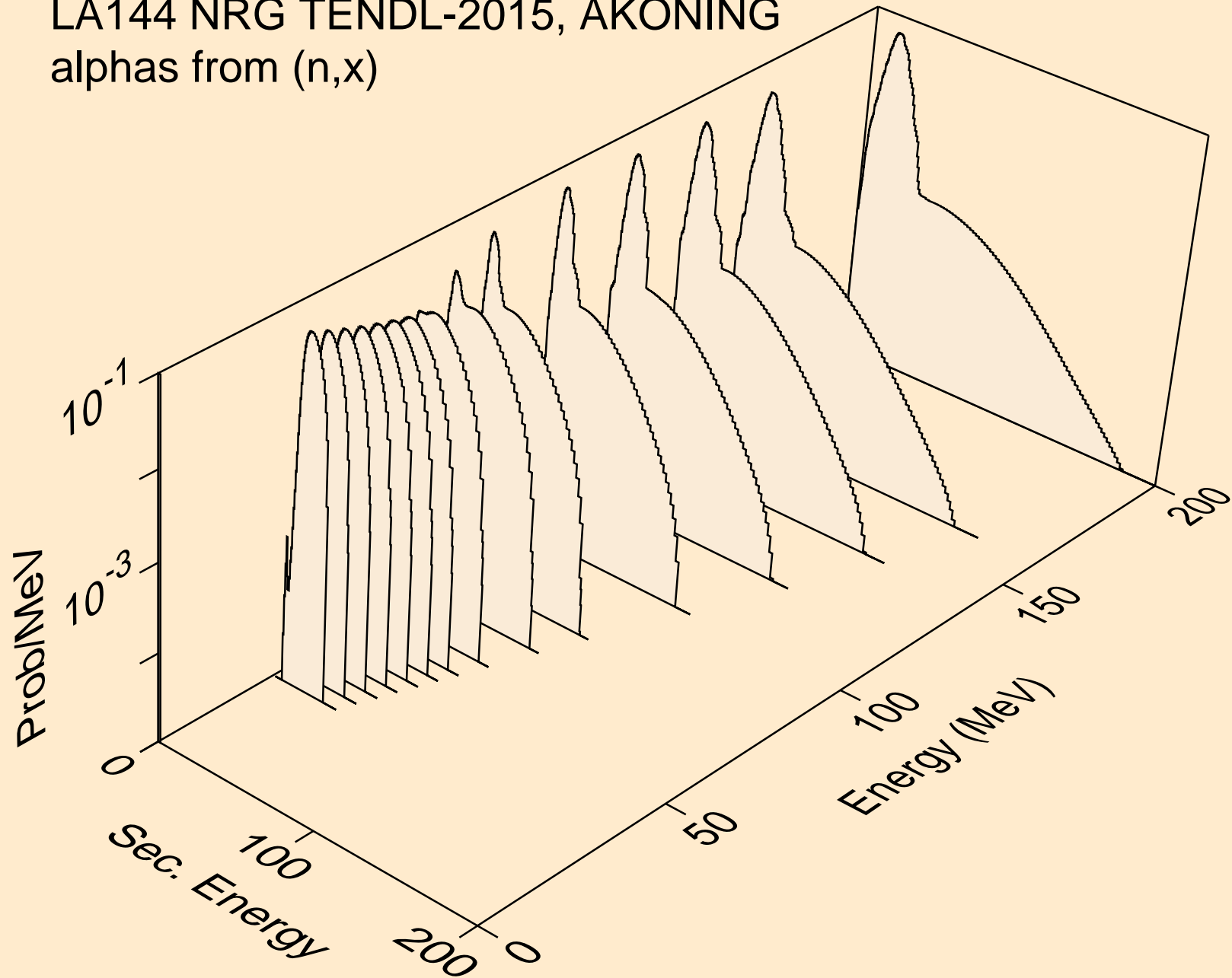




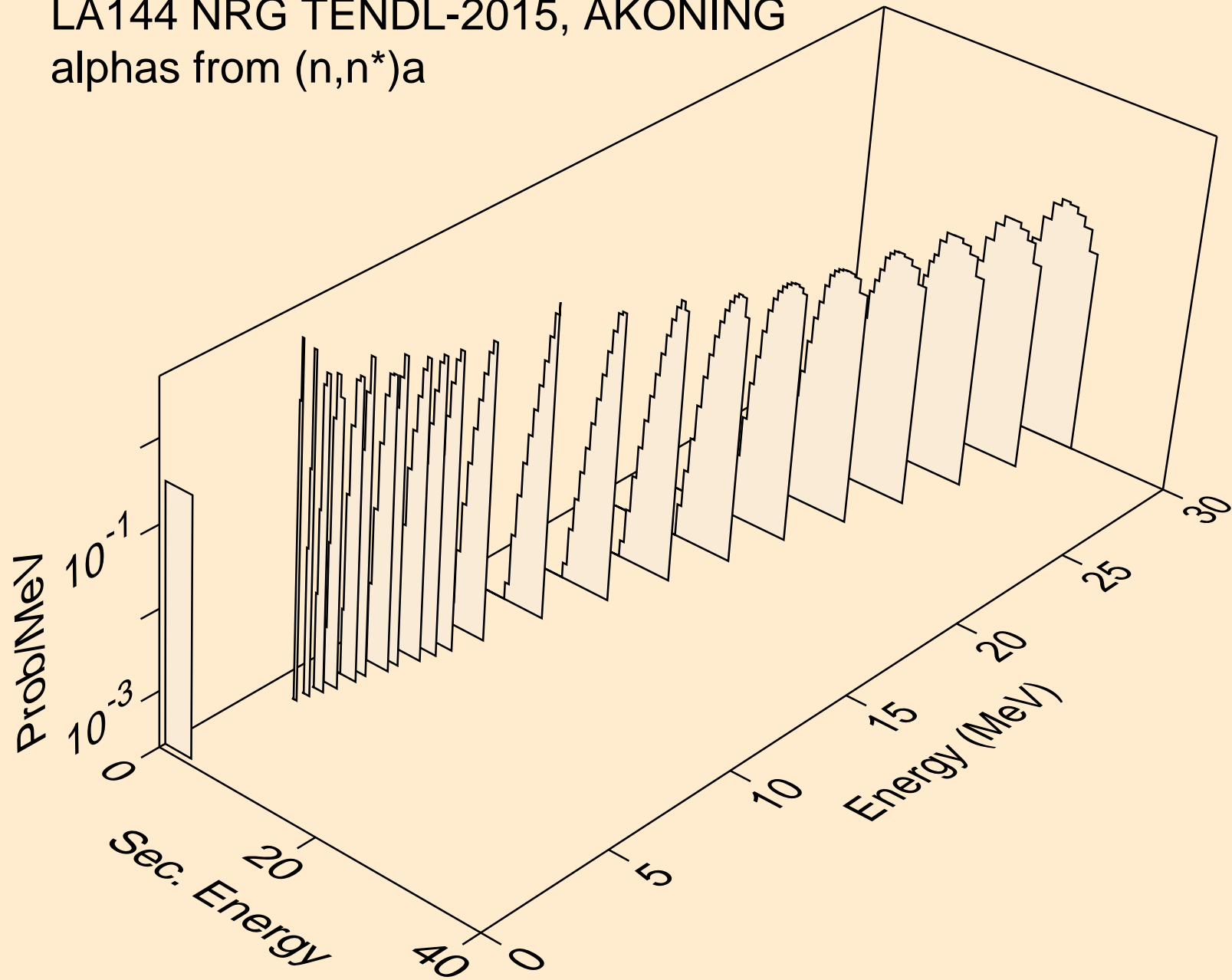
LA144 NRG TENDL-2015, AKONING  
he3s from (n,he3)



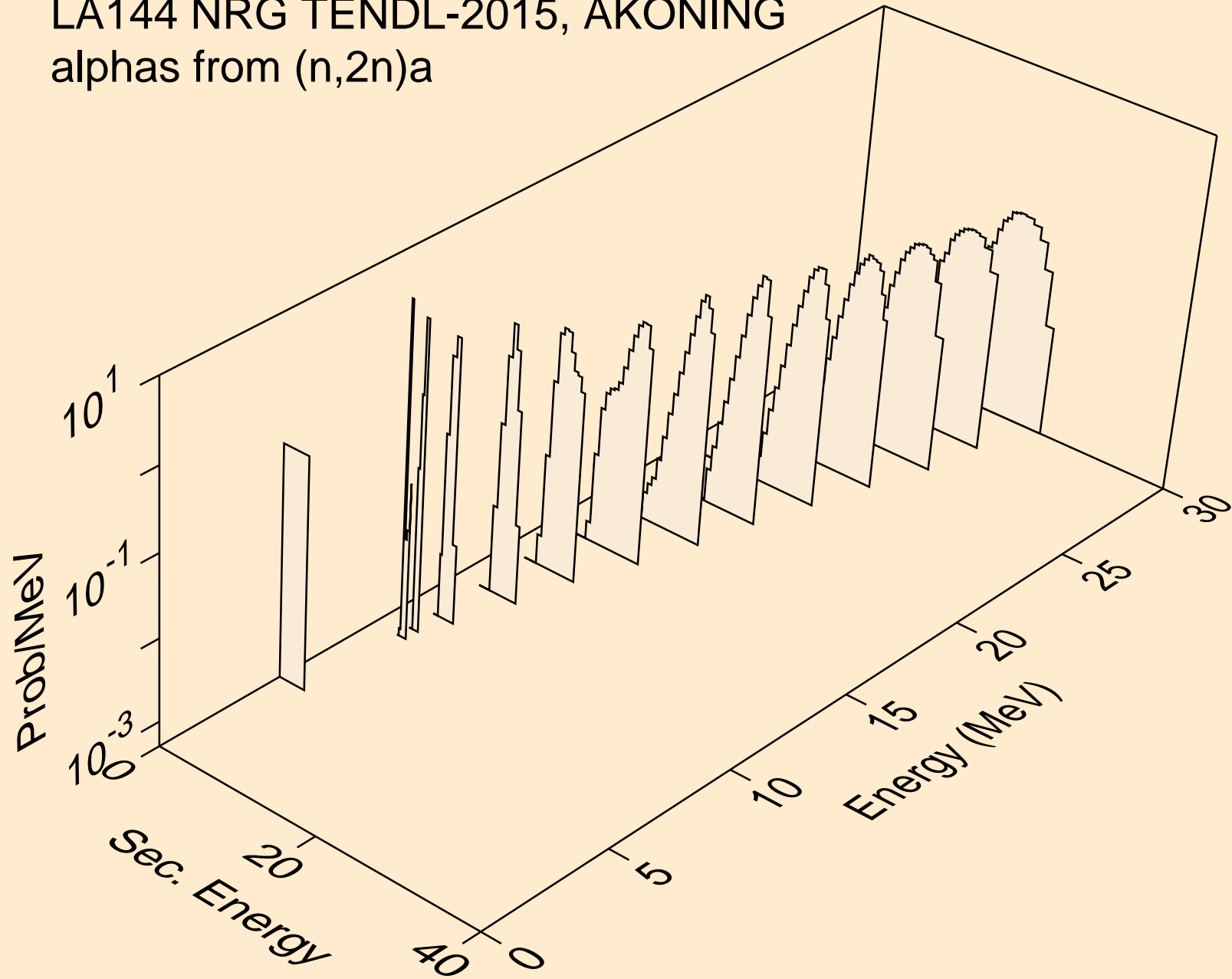
LA144 NRG TENDL-2015, AKONING  
alphas from (n,x)



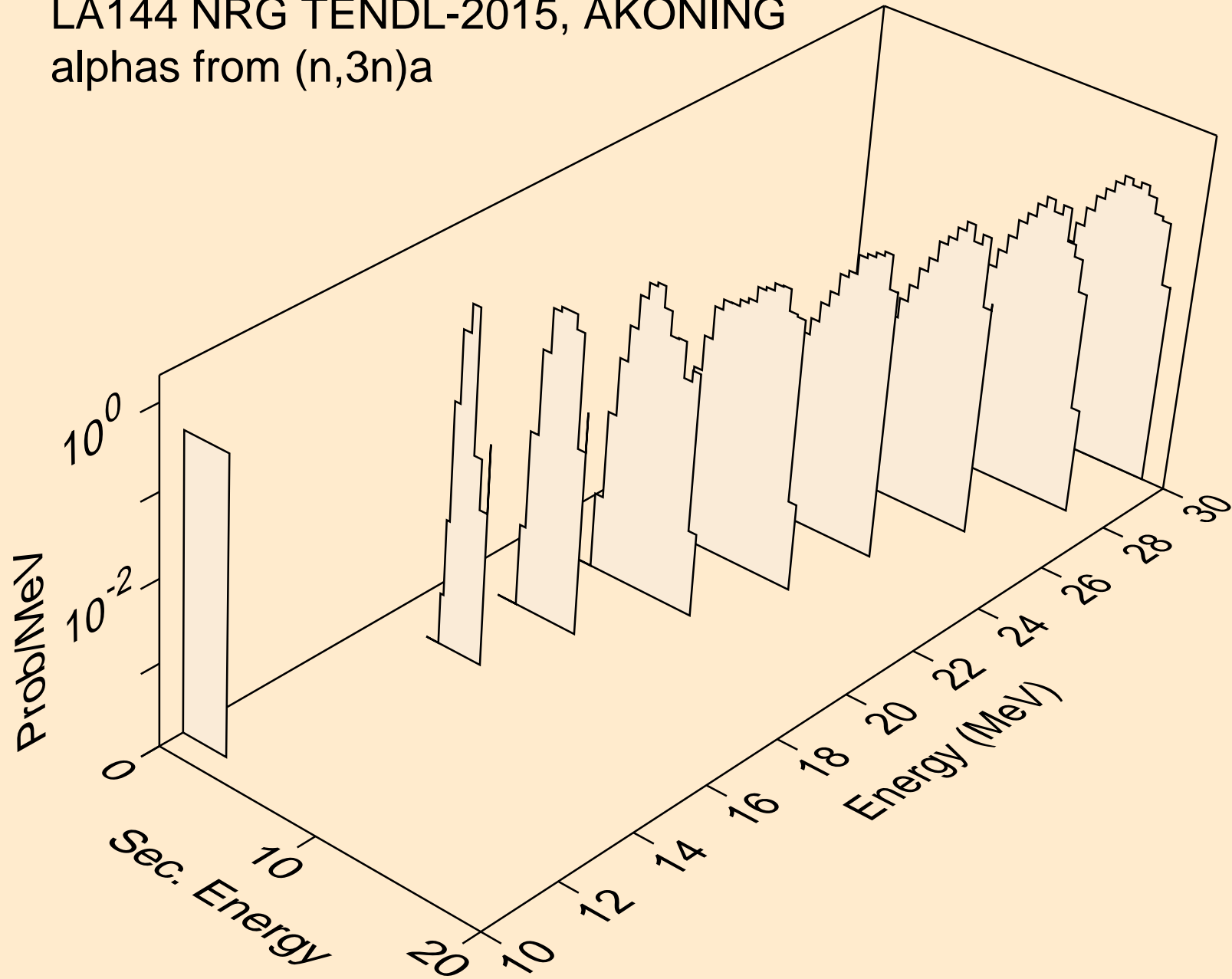
LA144 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



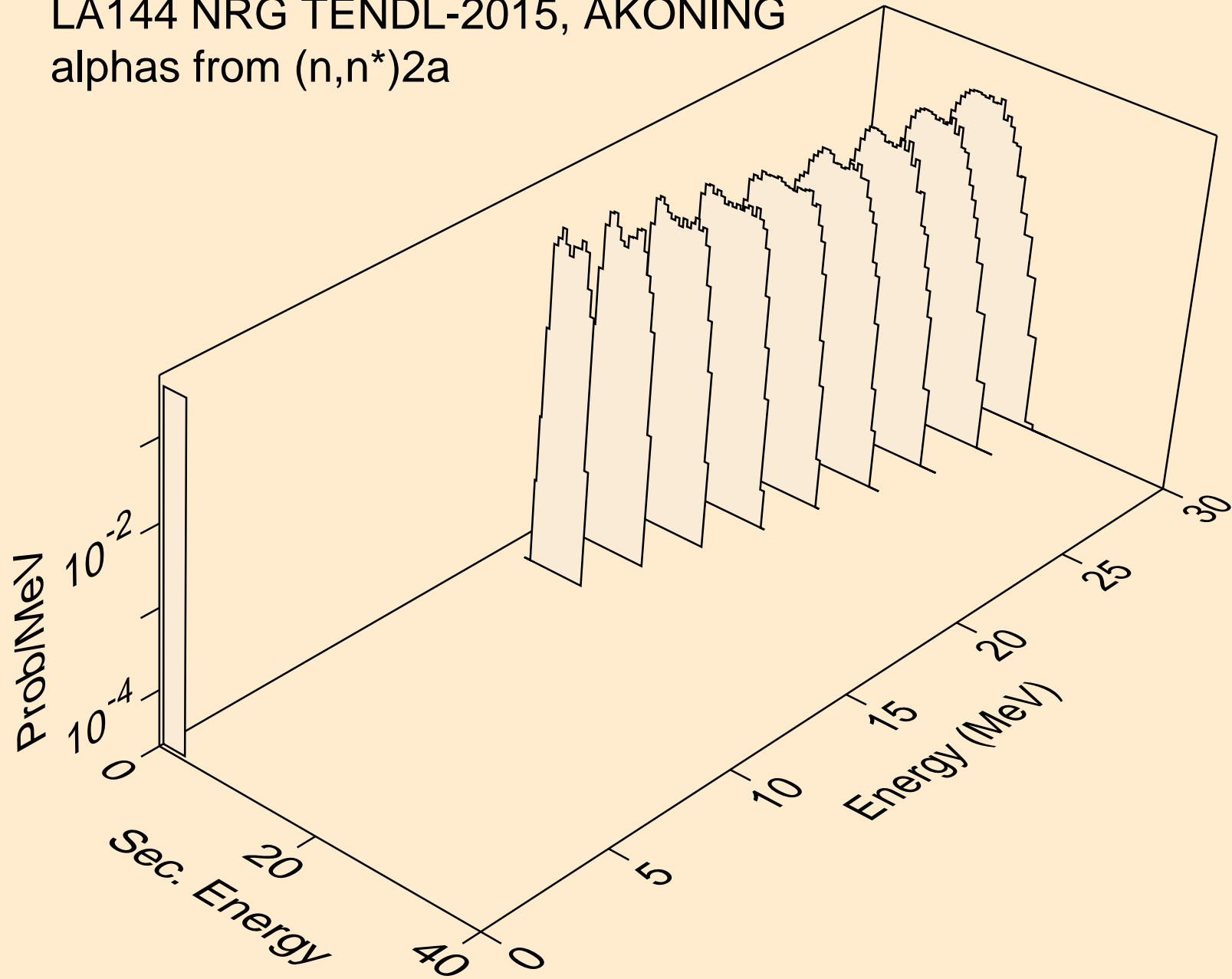
LA144 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



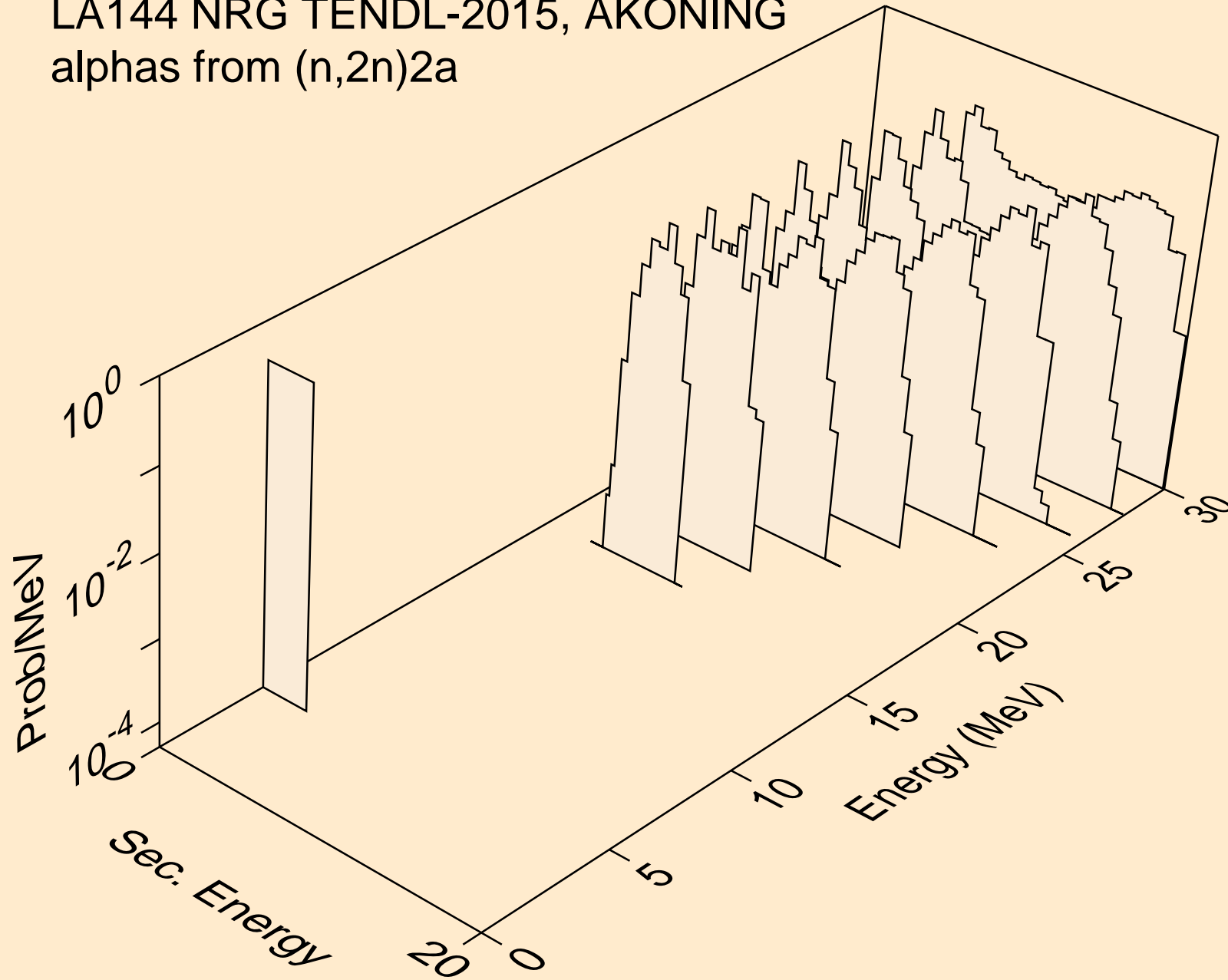
LA144 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



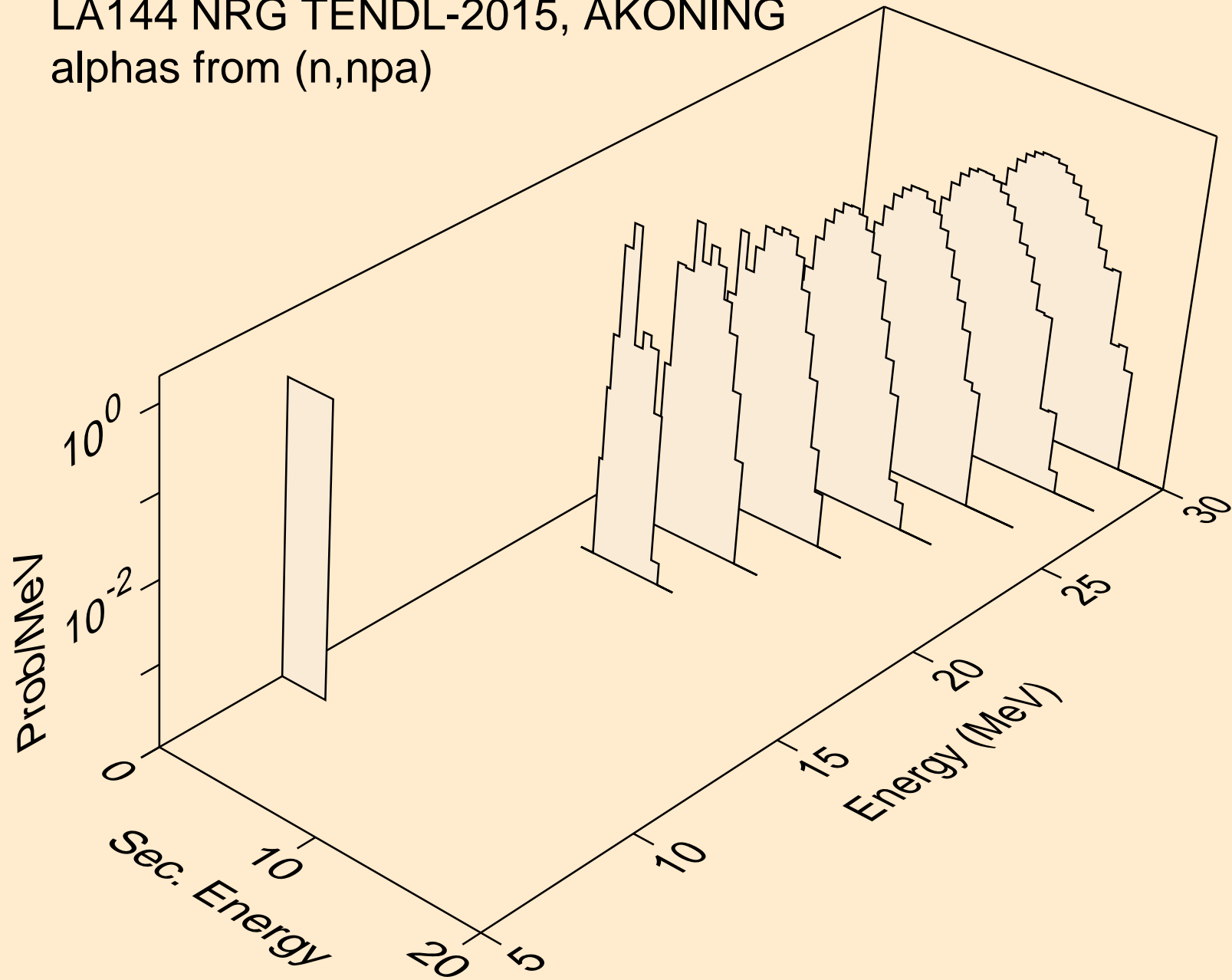
LA144 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



LA144 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

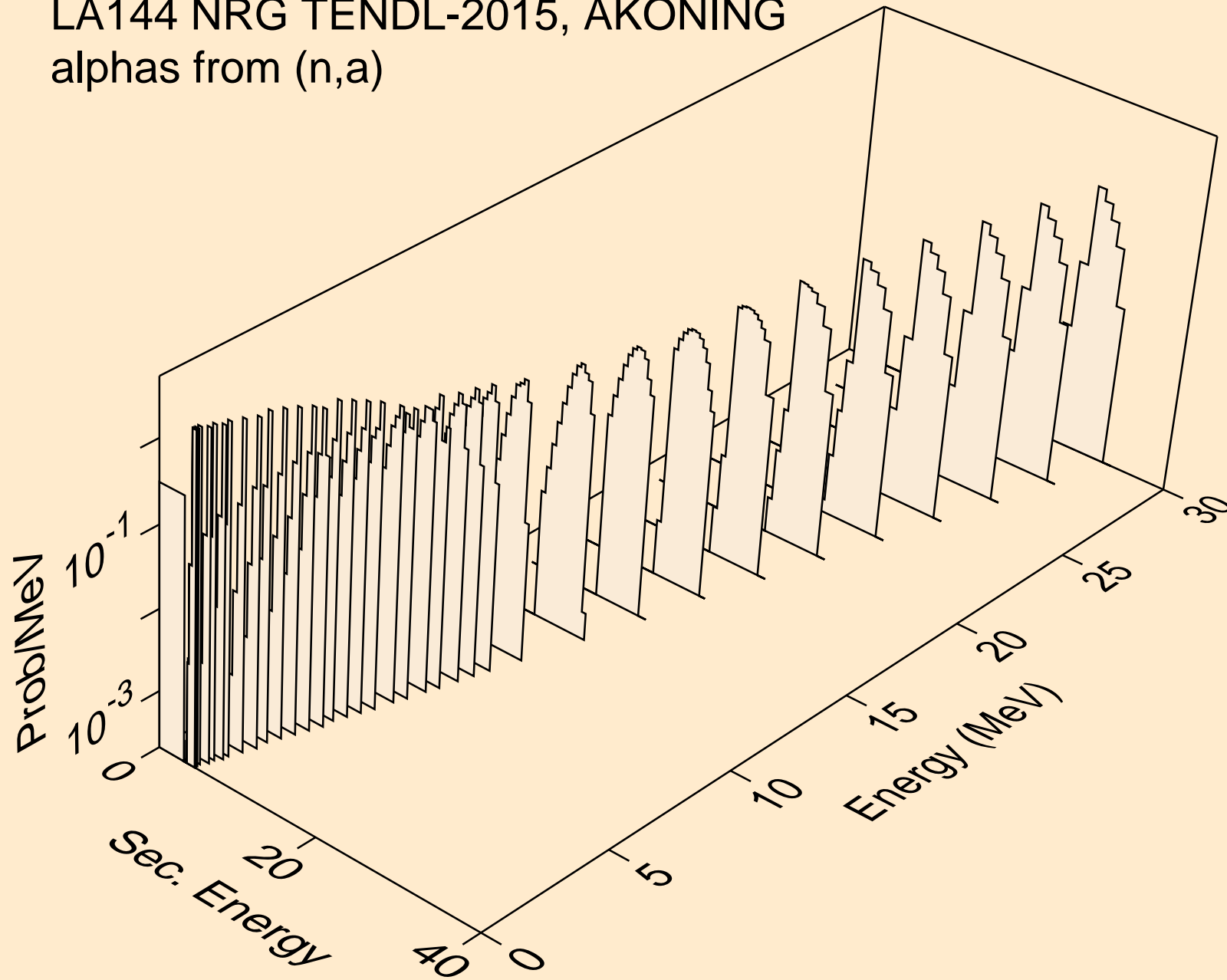


LA144 NRG TENDL-2015, AKONING  
alphas from (n,npa)

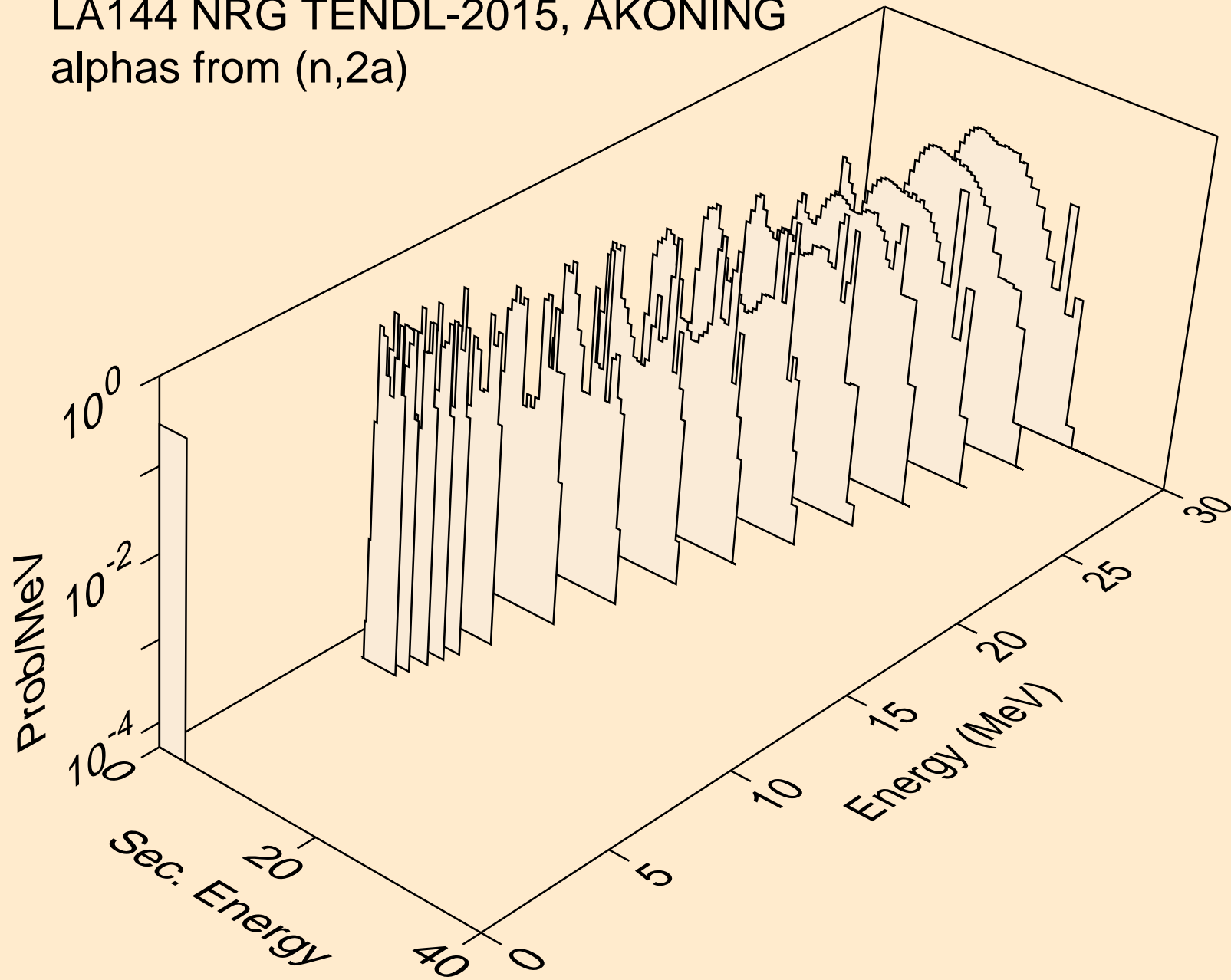




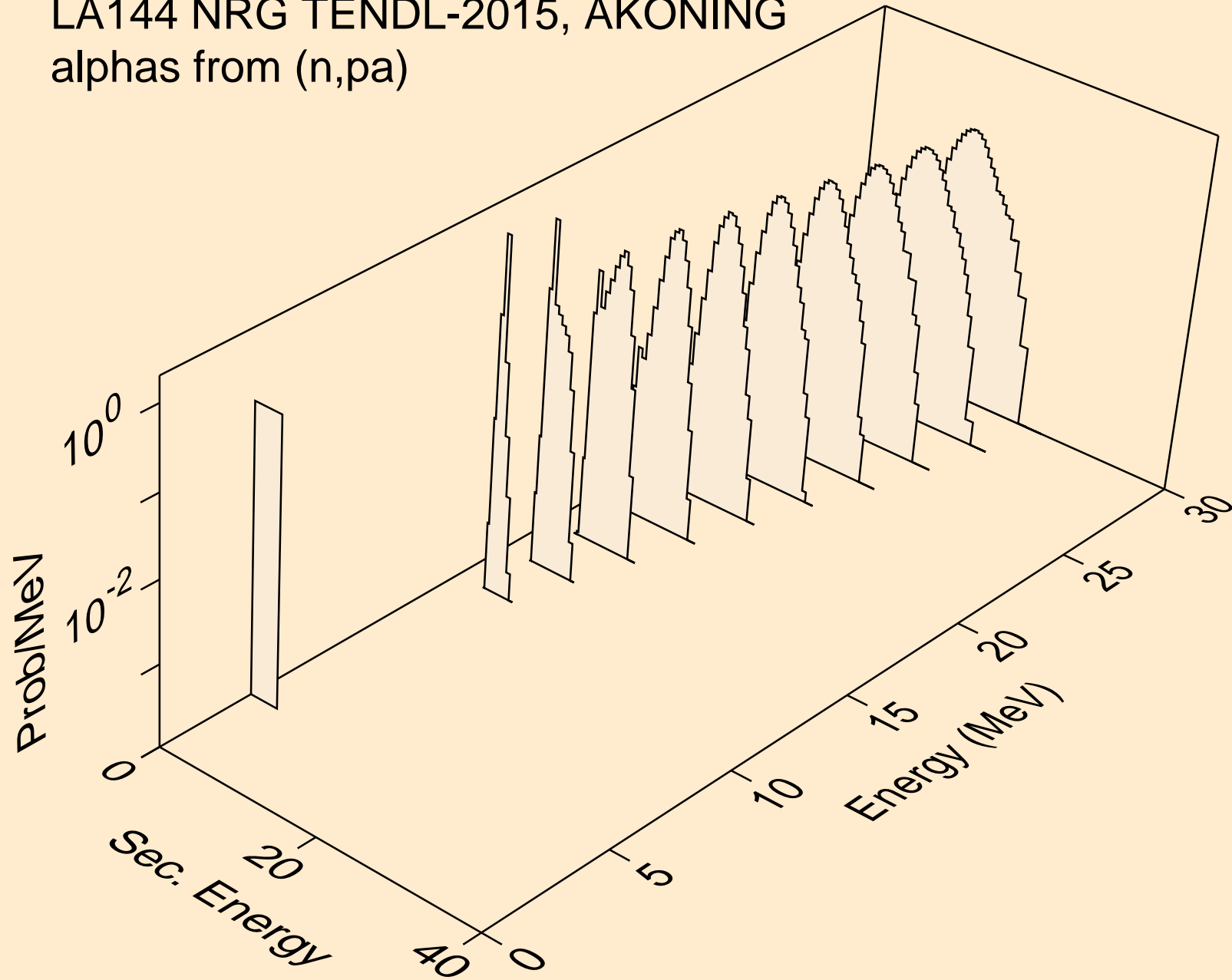
LA144 NRG TENDL-2015, AKONING  
alphas from (n,a)



LA144 NRG TENDL-2015, AKONING  
alphas from (n,2a)



LA144 NRG TENDL-2015, AKONING  
alphas from (n,pa)



LA144 NRG TENDL-2015, AKONING  
alphas from (n,da)

