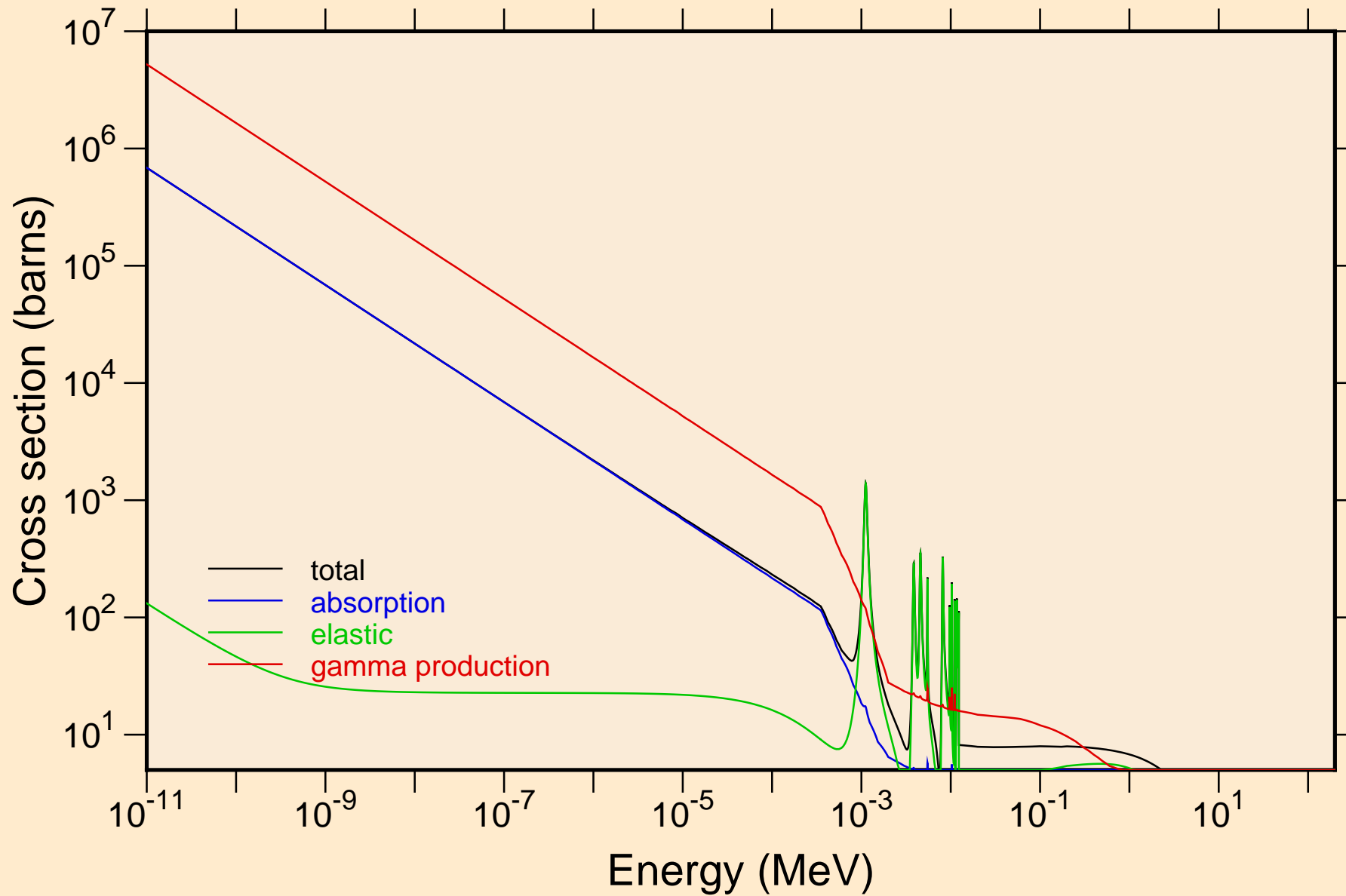


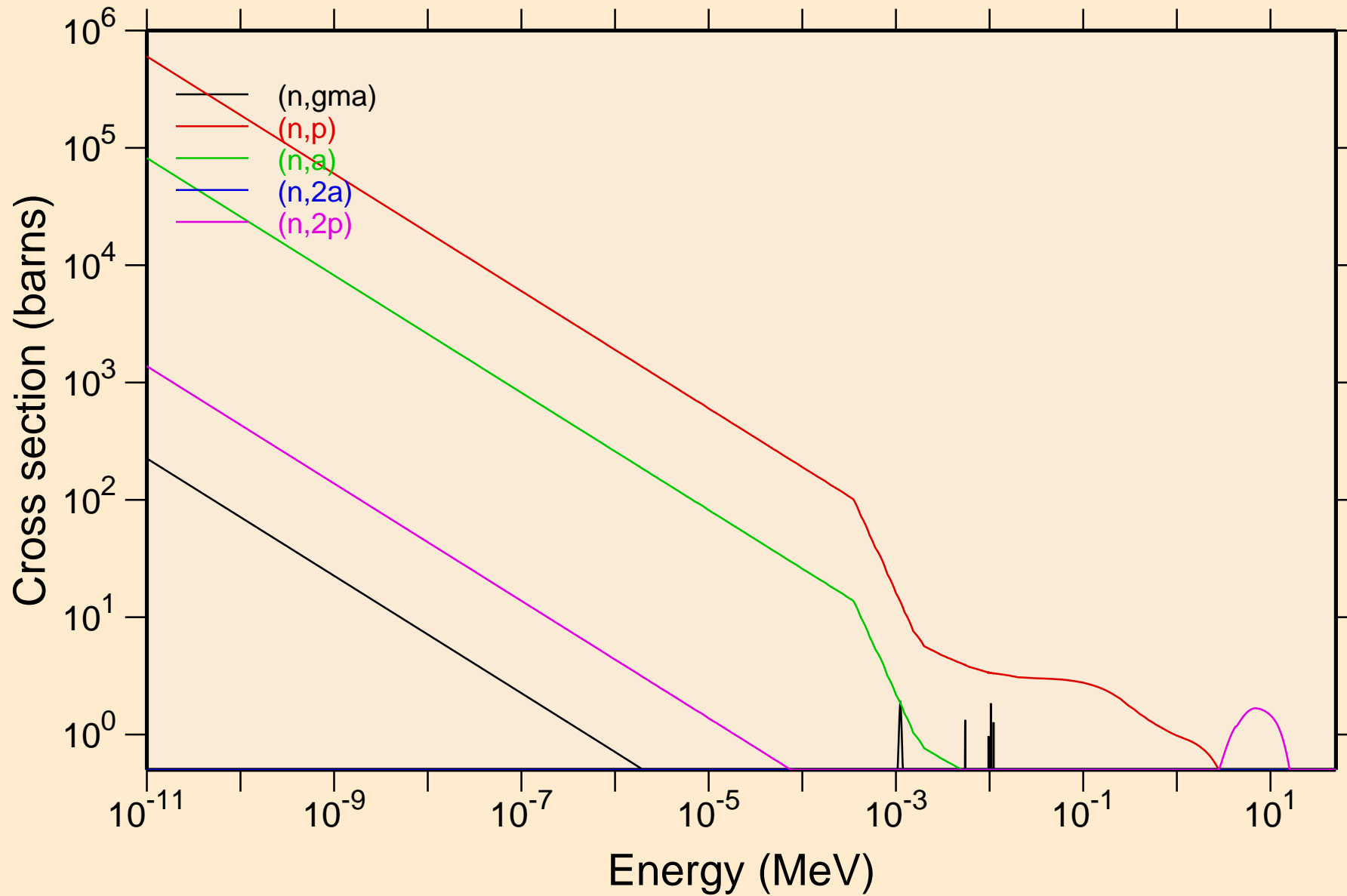
# SN101 NRG TENDL-2015, AKONING

## Principal cross sections



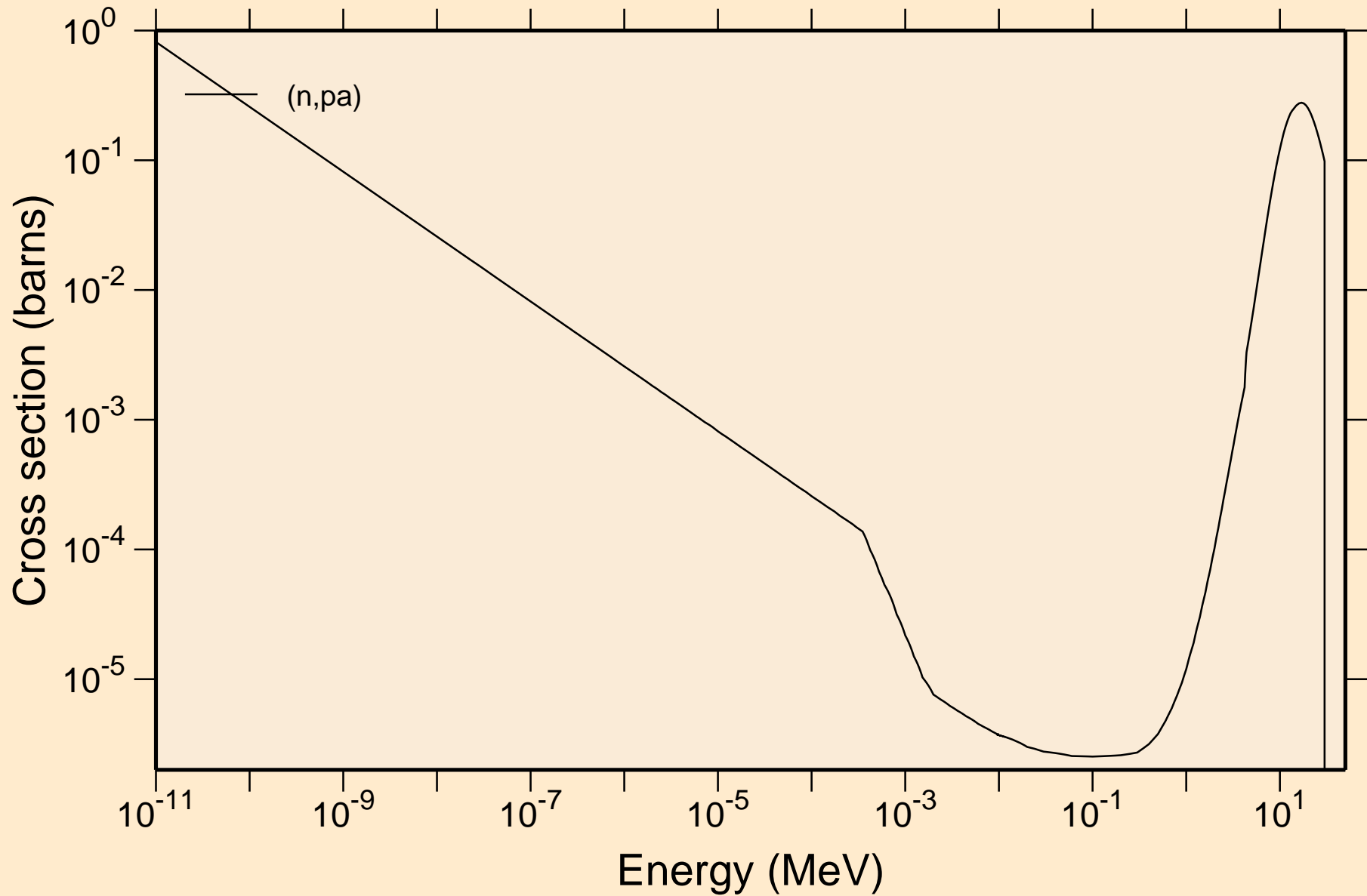
# SN101 NRG TENDL-2015, AKONING

## Non-threshold reactions



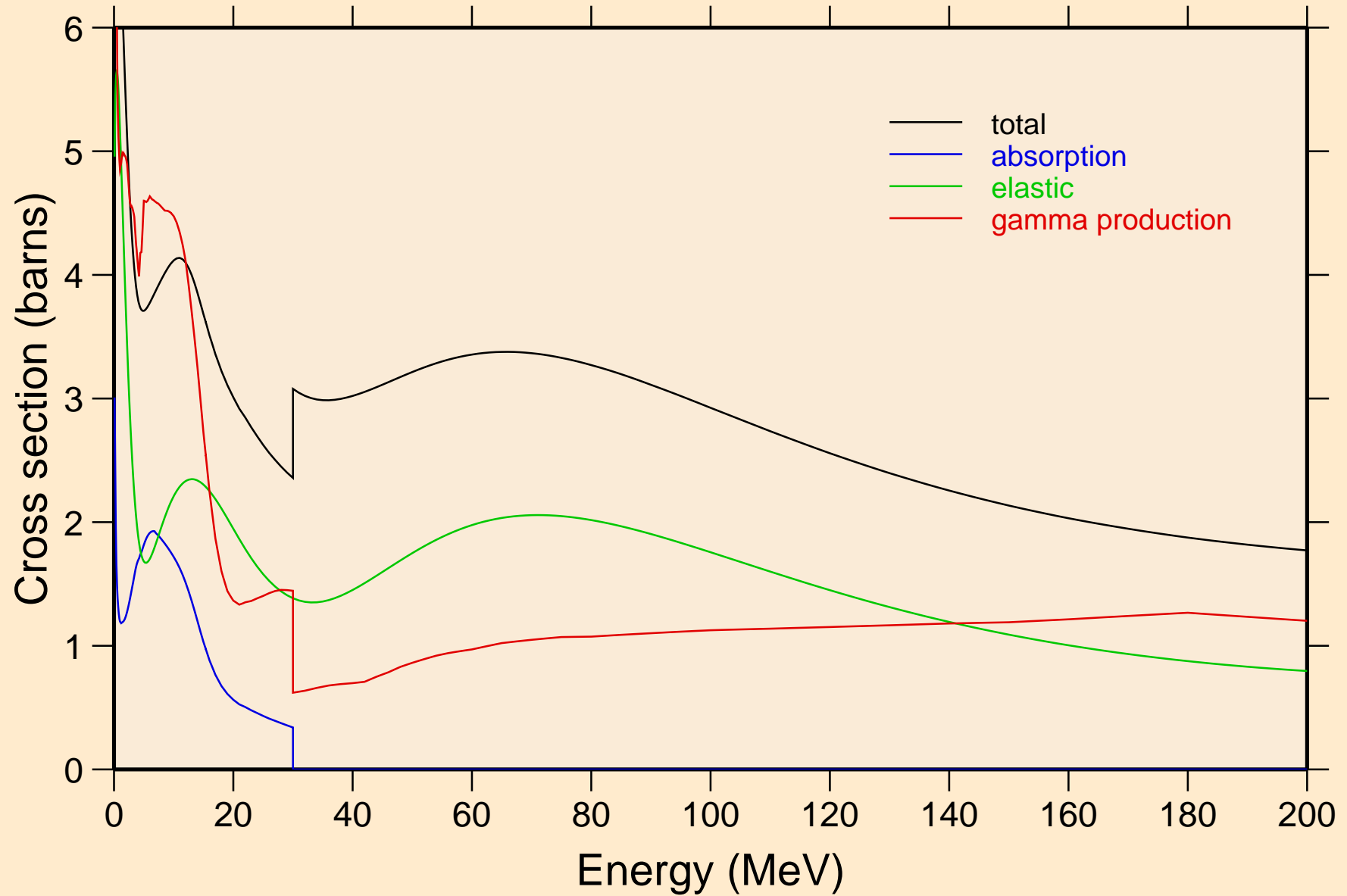
# SN101 NRG TENDL-2015, AKONING

## Non-threshold reactions



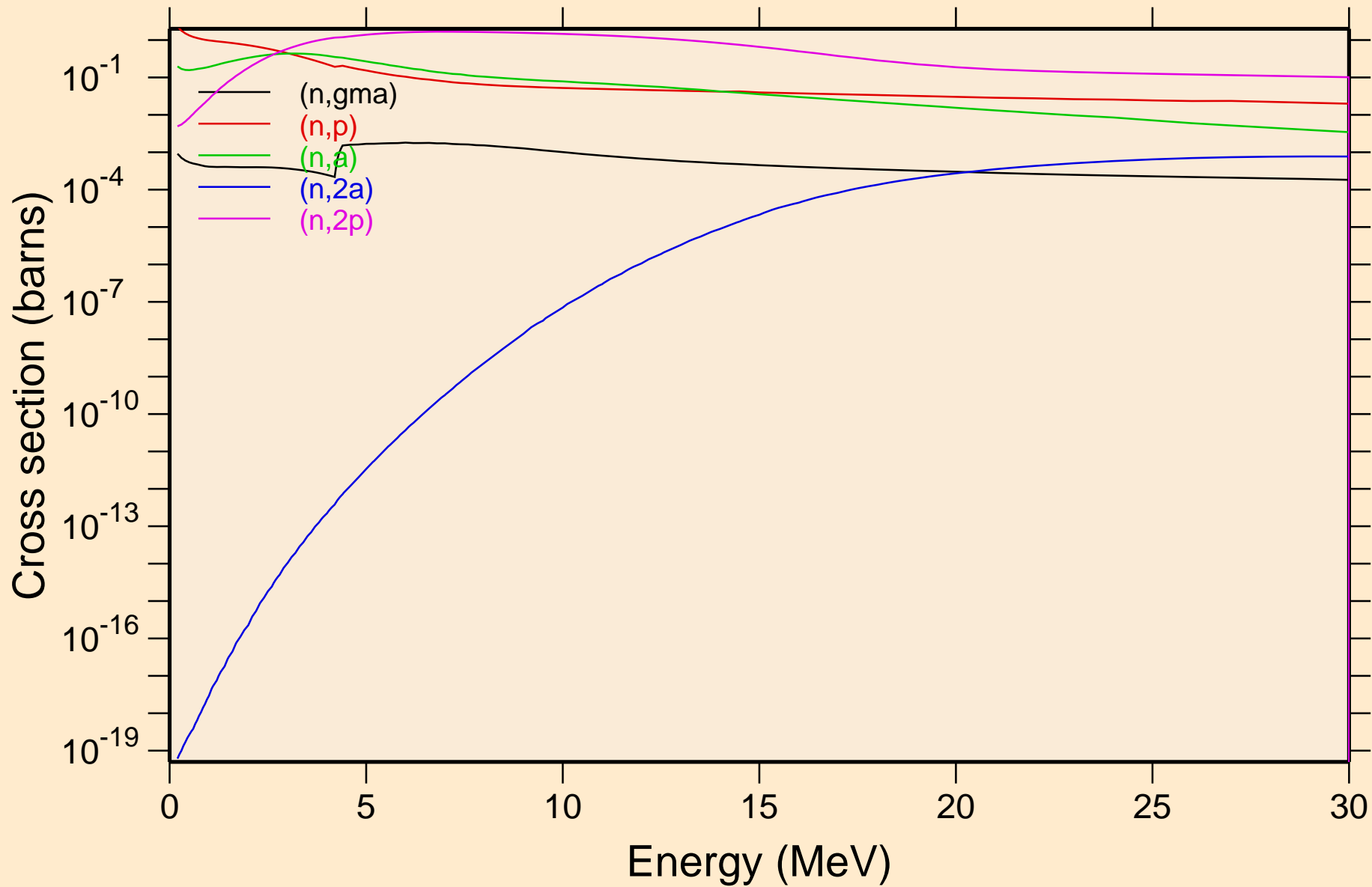
# SN101 NRG TENDL-2015, AKONING

## Principal cross sections



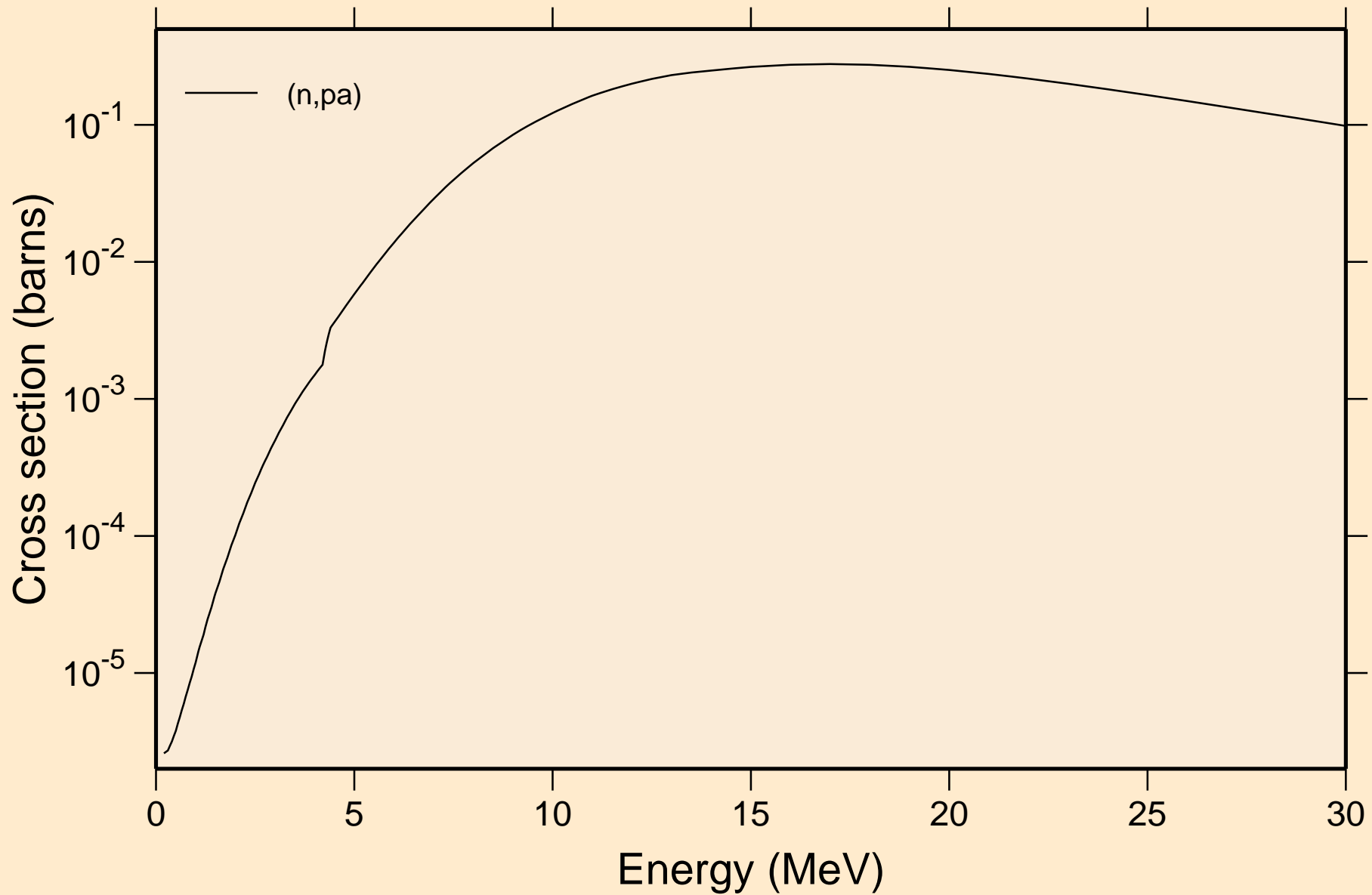
# SN101 NRG TENDL-2015, AKONING

## Non-threshold reactions



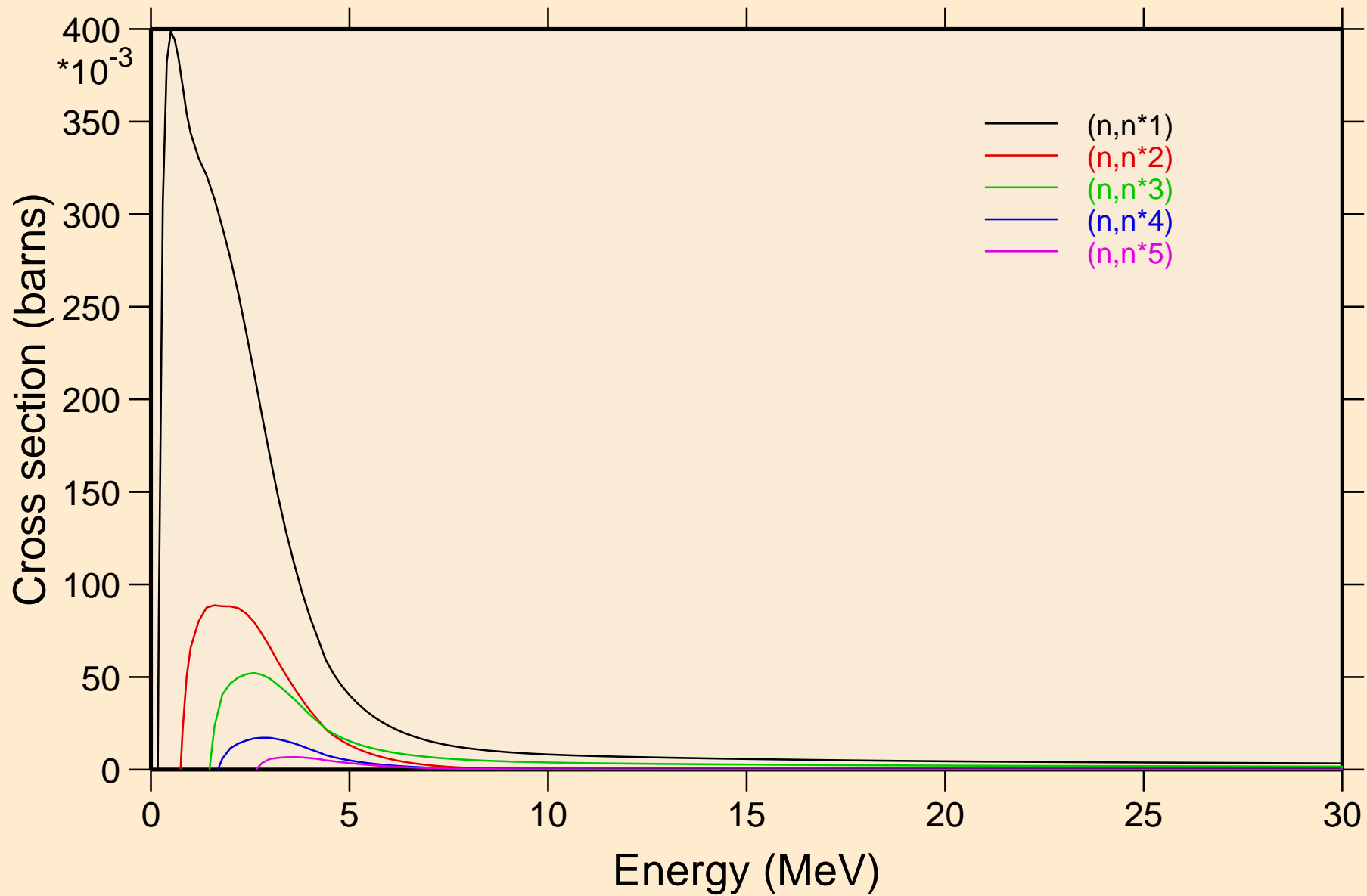
# SN101 NRG TENDL-2015, AKONING

## Non-threshold reactions



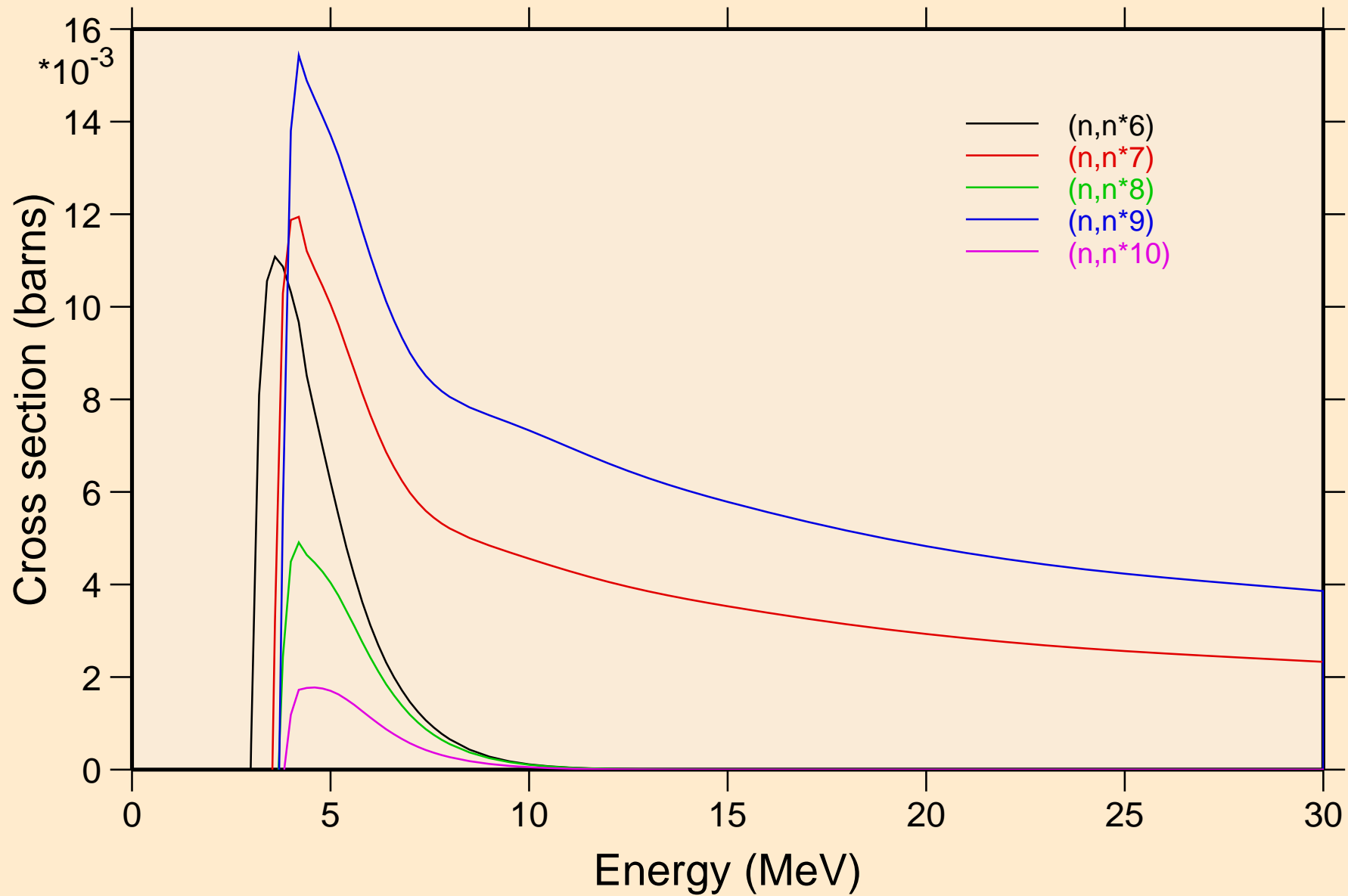
# SN101 NRG TENDL-2015, AKONING

## Inelastic levels



# SN101 NRG TENDL-2015, AKONING

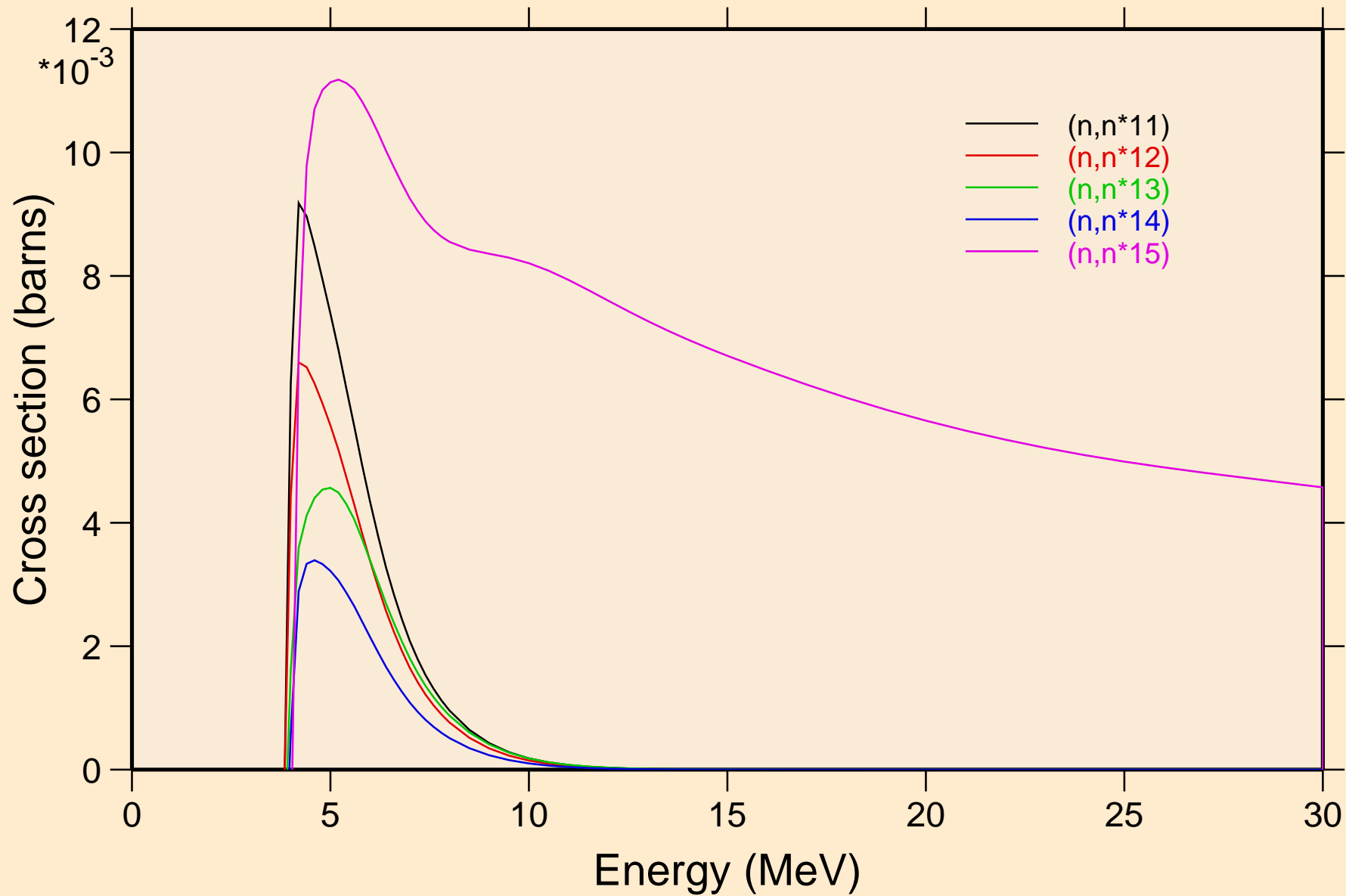
## Inelastic levels





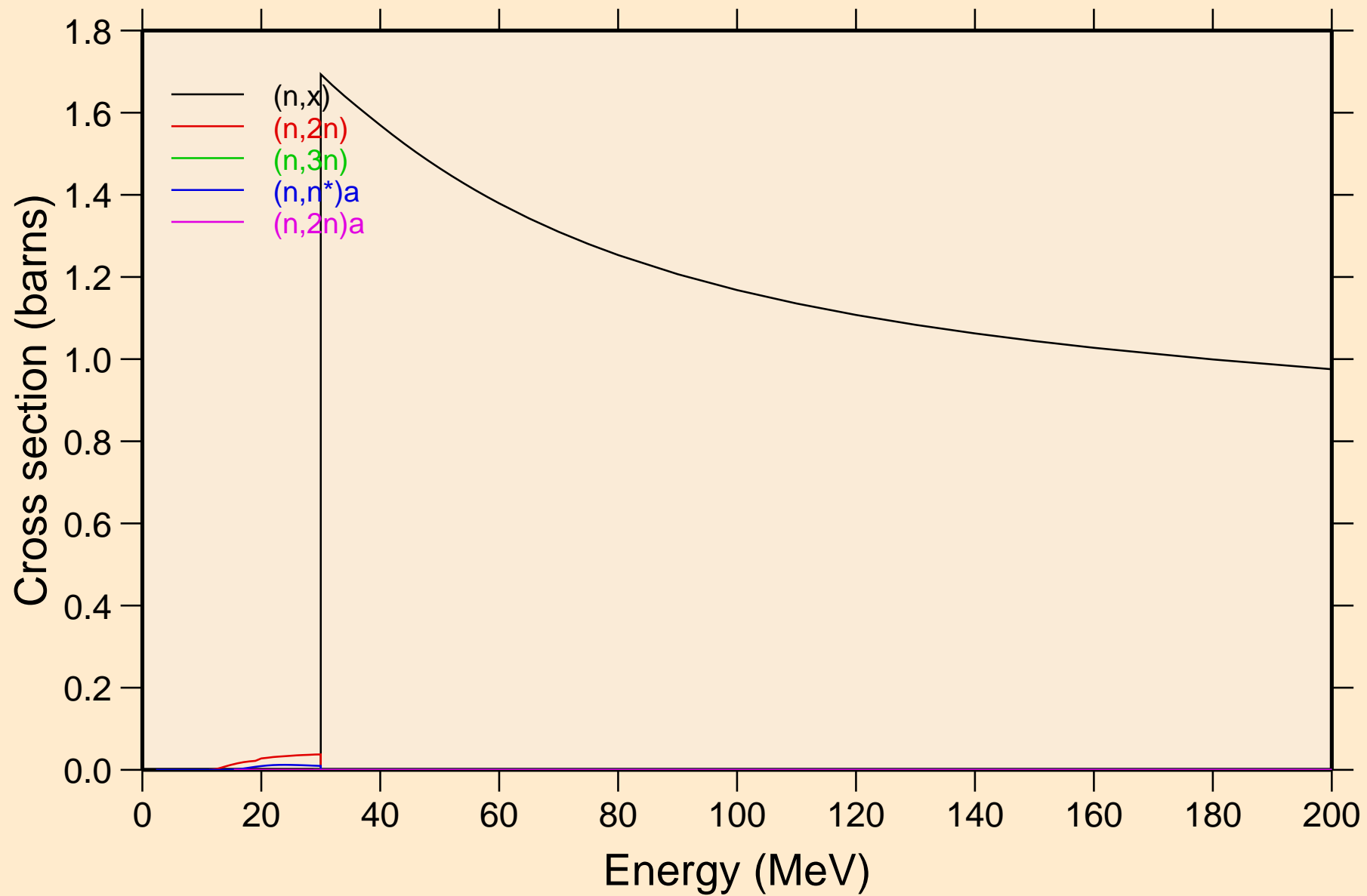
# SN101 NRG TENDL-2015, AKONING

## Inelastic levels



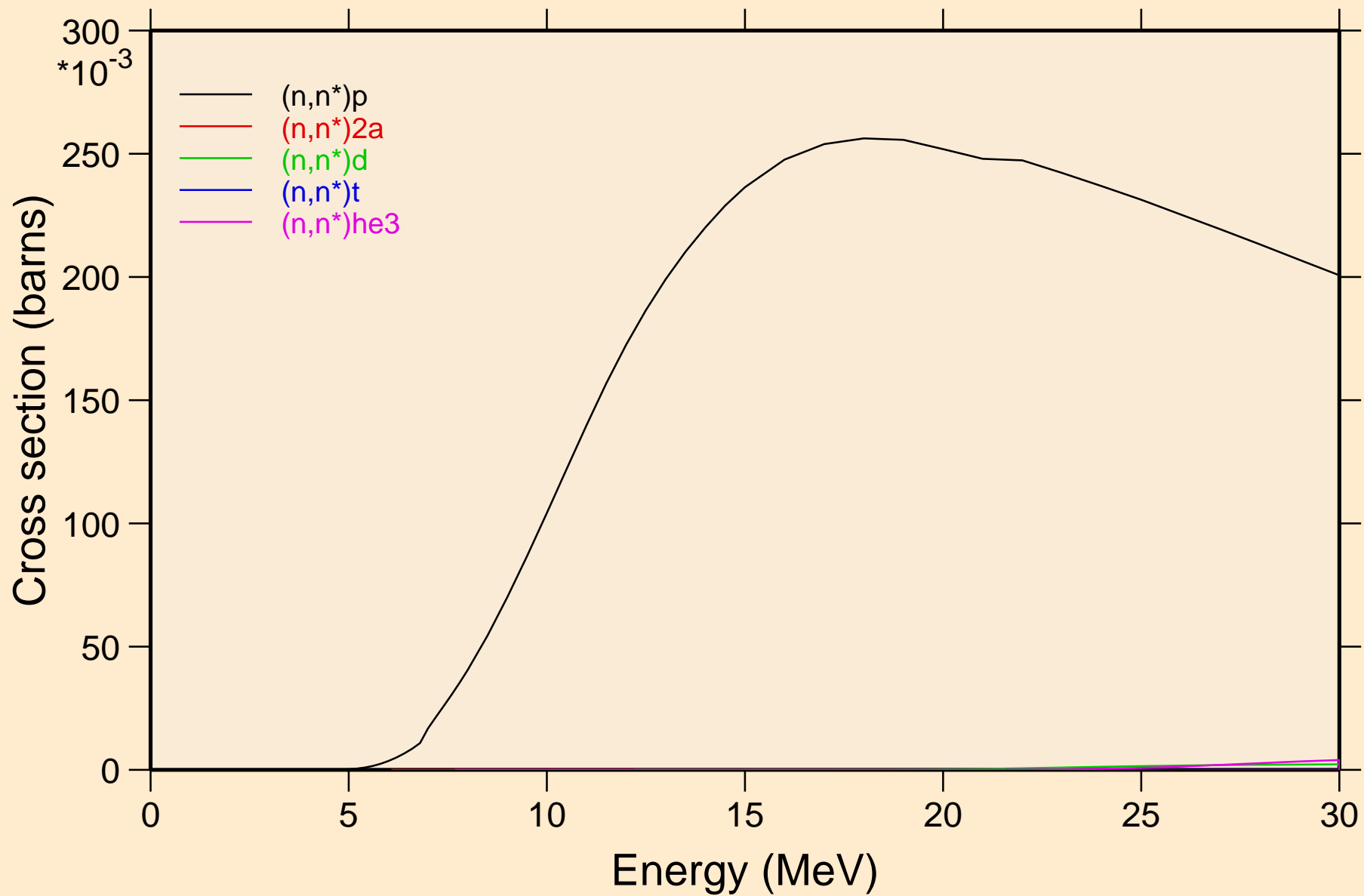
# SN101 NRG TENDL-2015, AKONING

## Threshold reactions



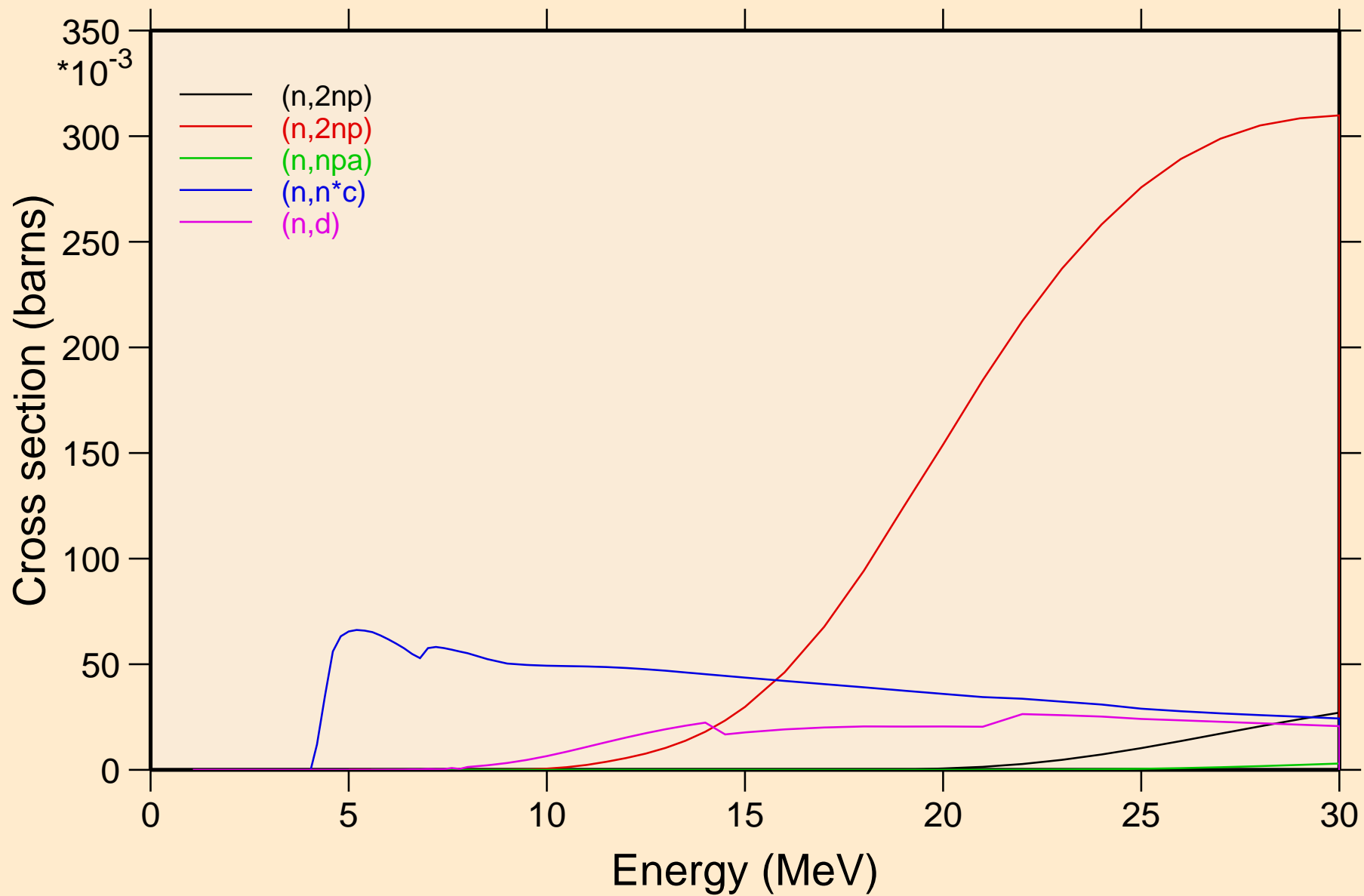
# SN101 NRG TENDL-2015, AKONING

## Threshold reactions



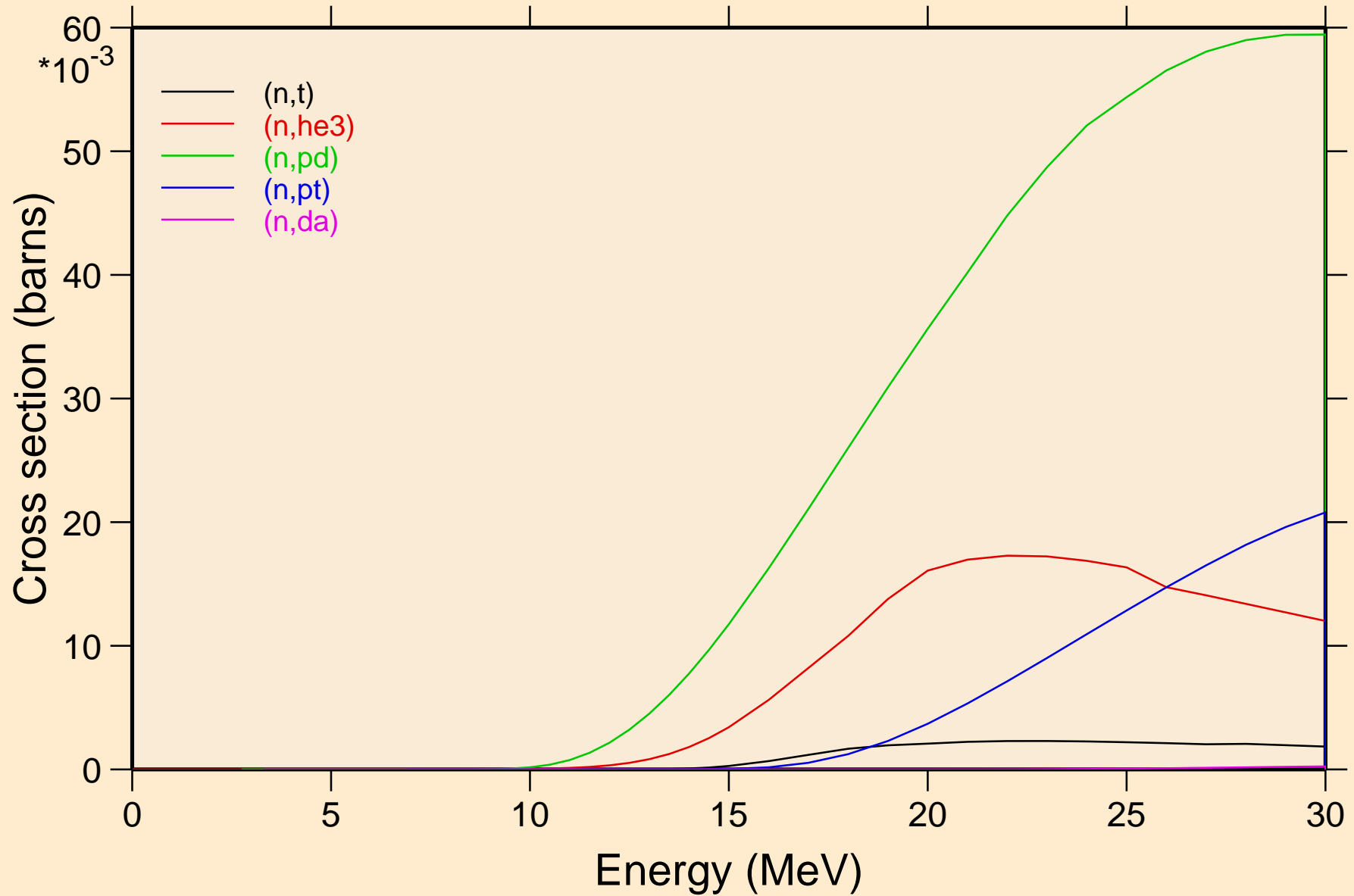
# SN101 NRG TENDL-2015, AKONING

## Threshold reactions

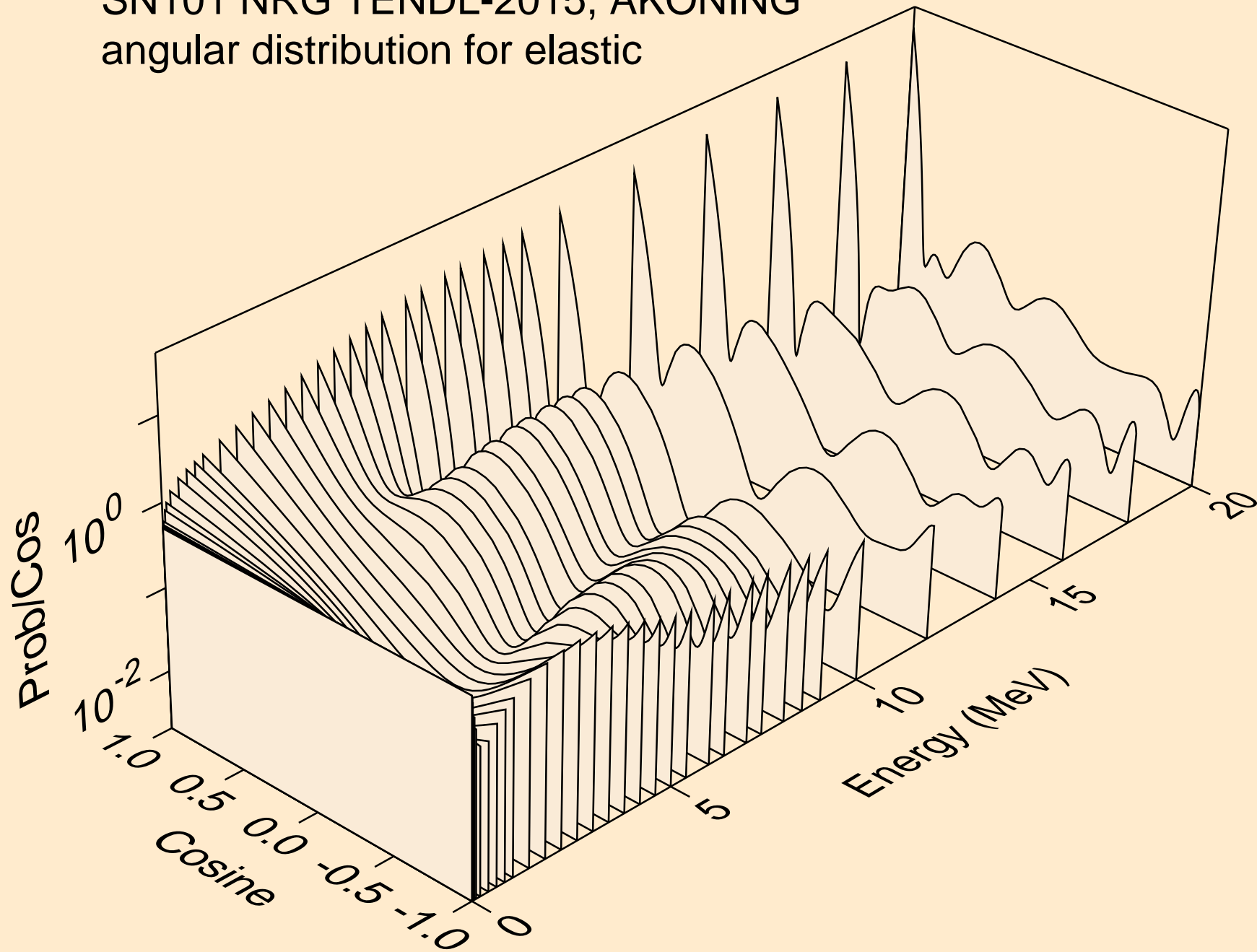


# SN101 NRG TENDL-2015, AKONING

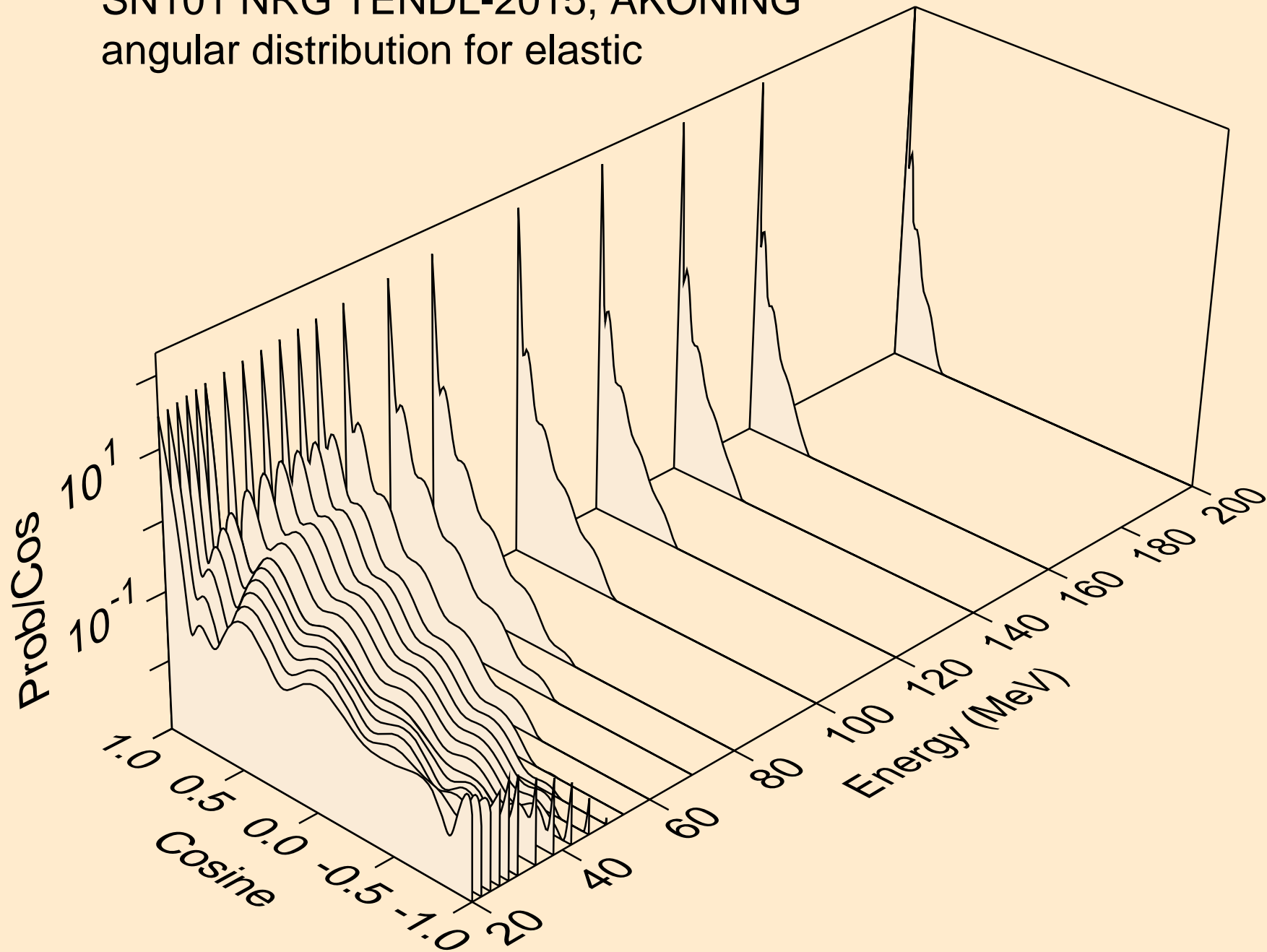
## Threshold reactions



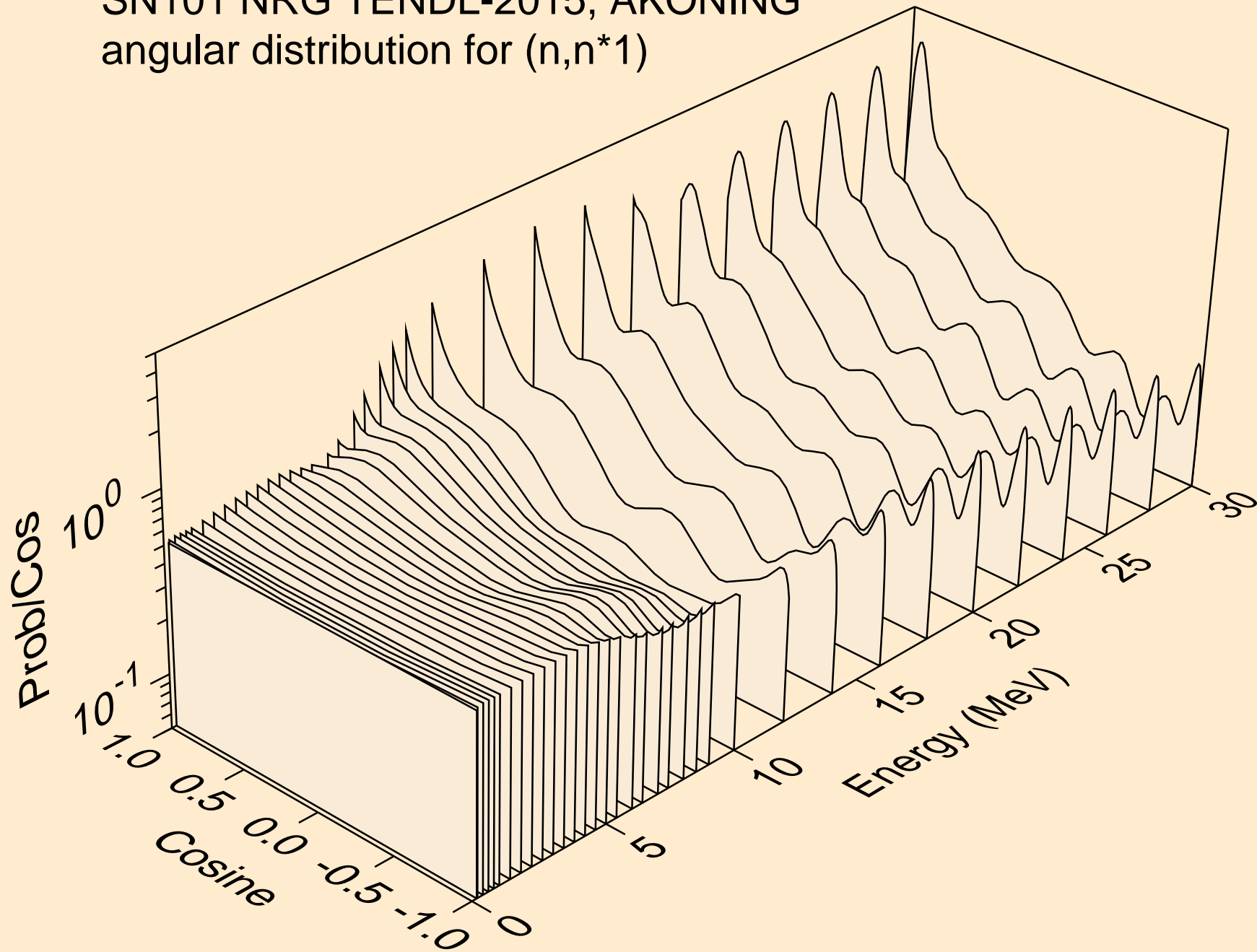
SN101 NRG TENDL-2015, AKONING  
angular distribution for elastic



SN101 NRG TENDL-2015, AKONING  
angular distribution for elastic

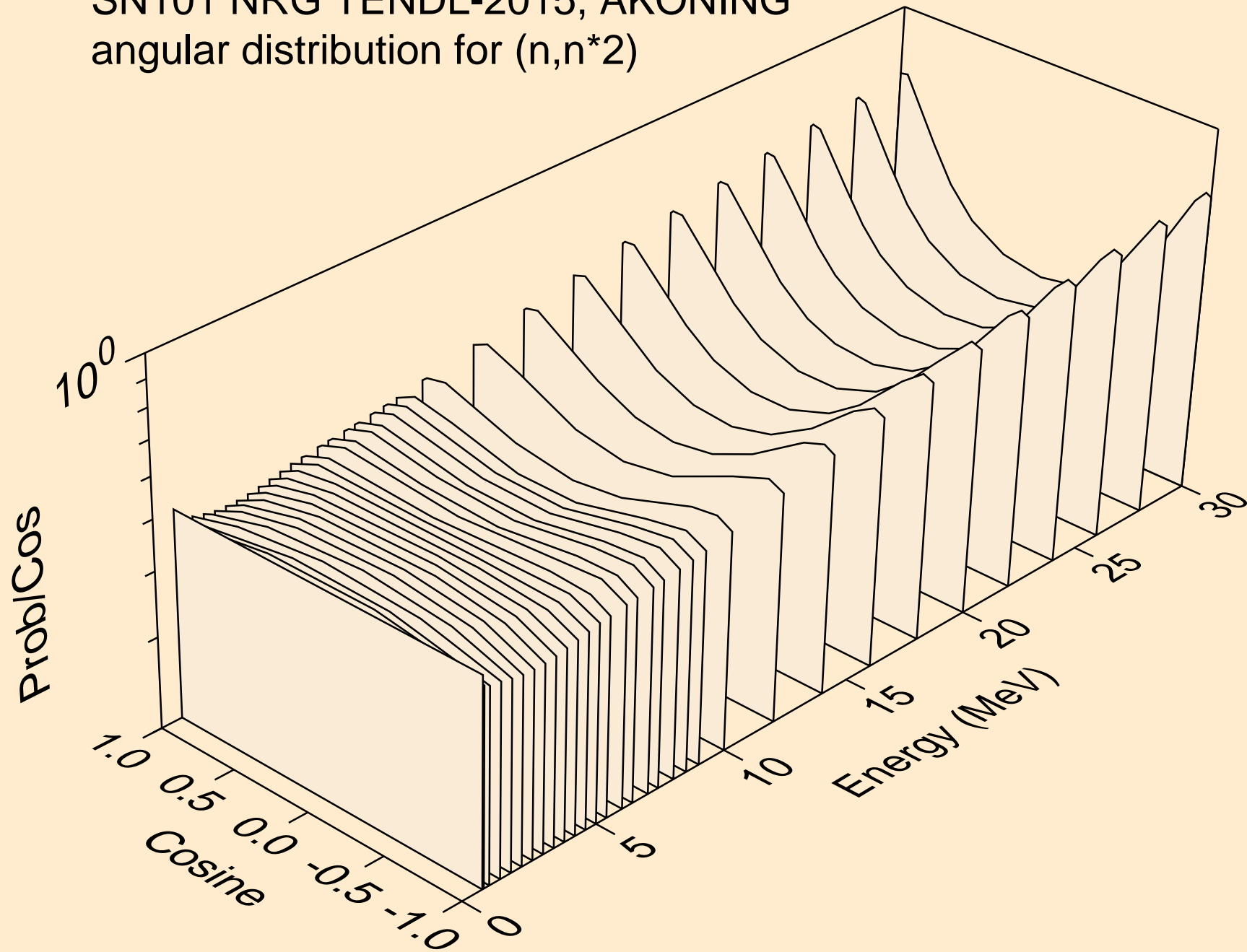


SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

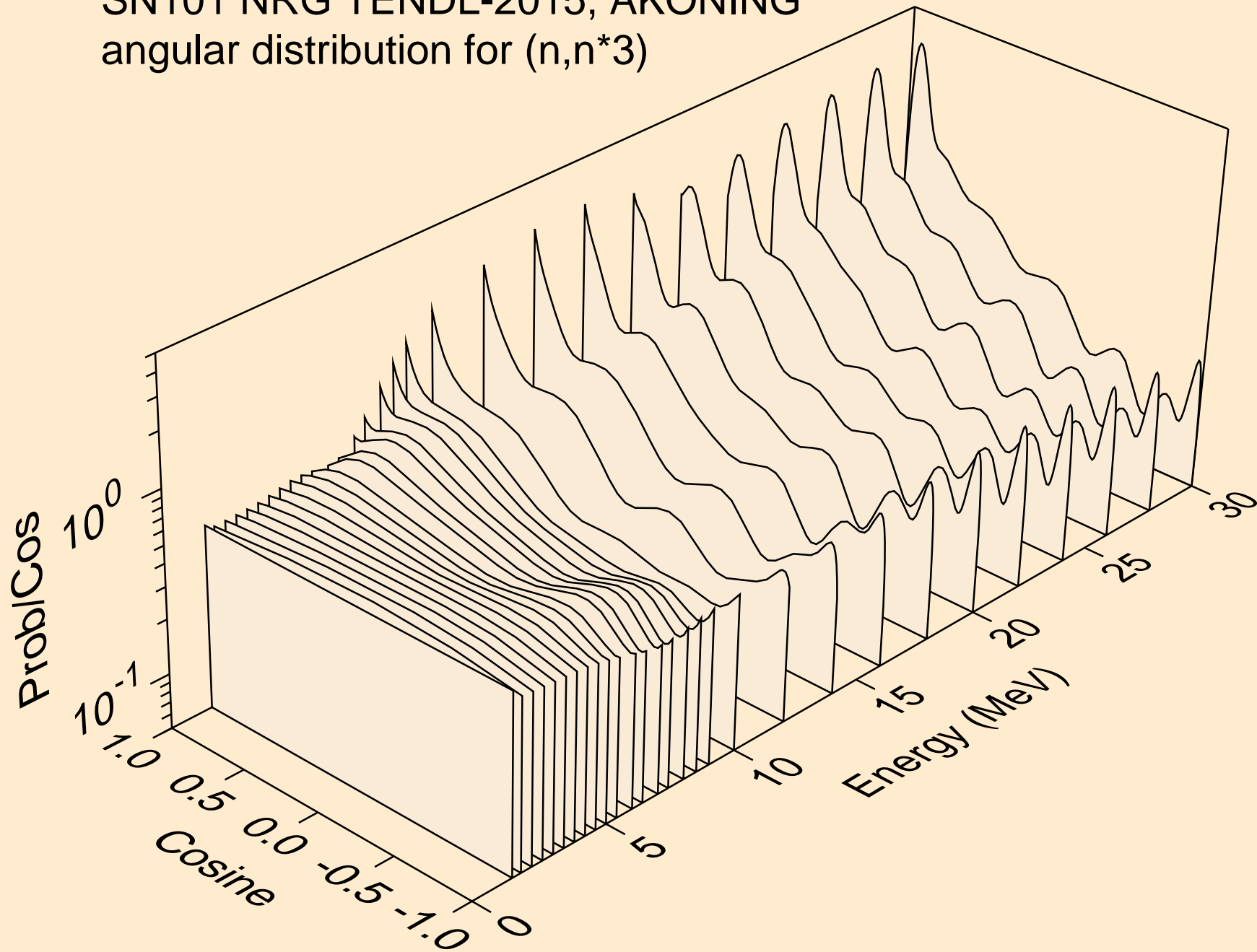




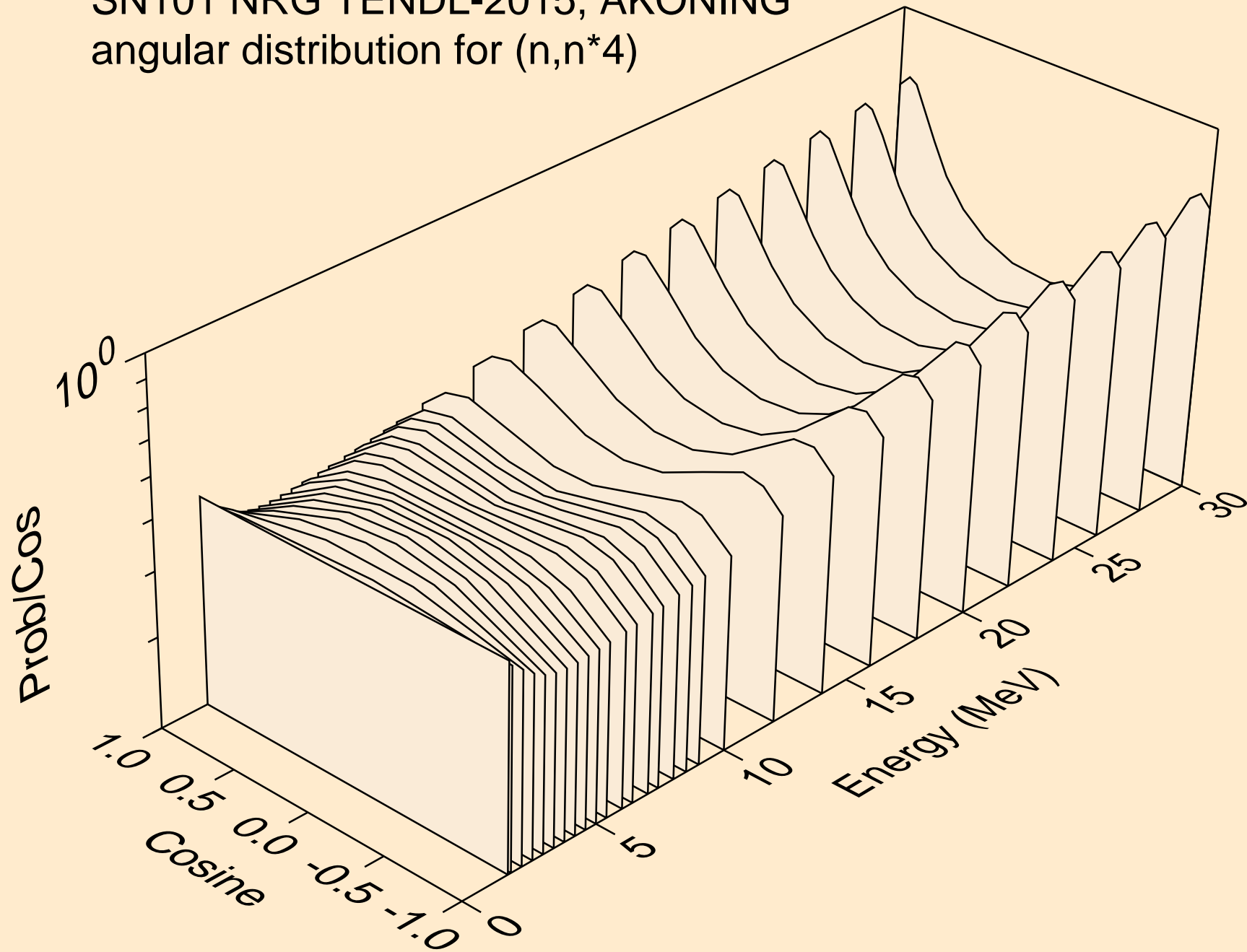
SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



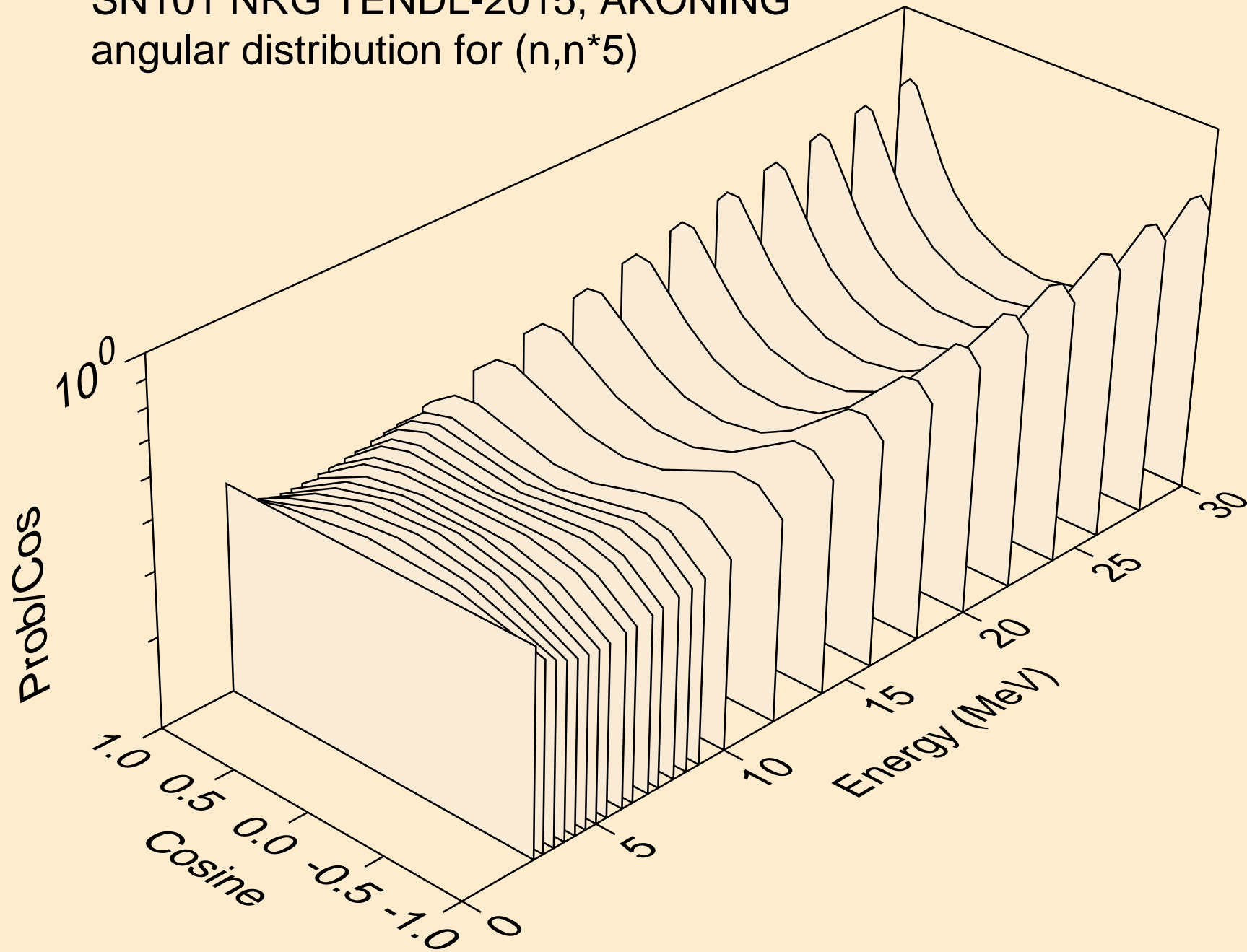
SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



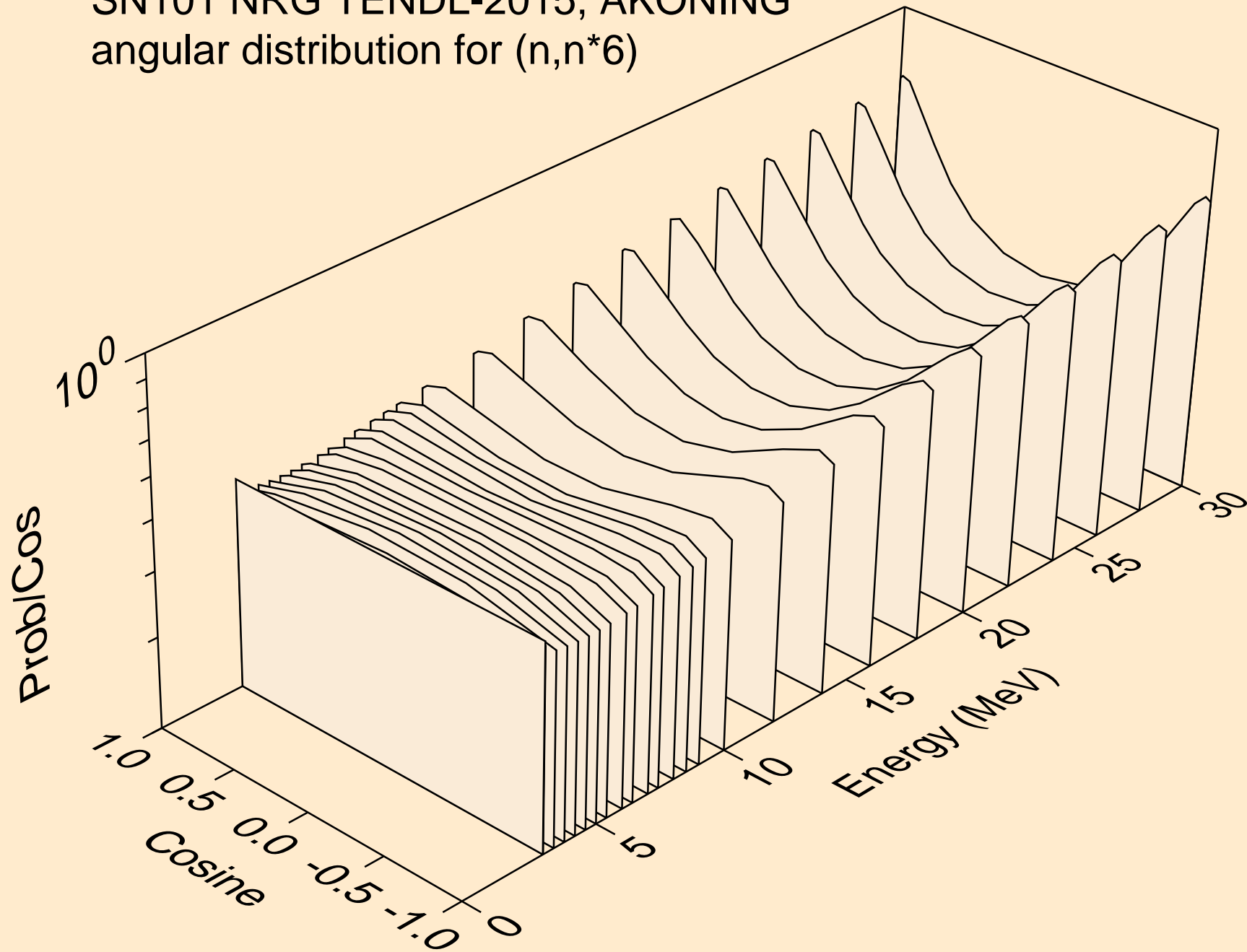
SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



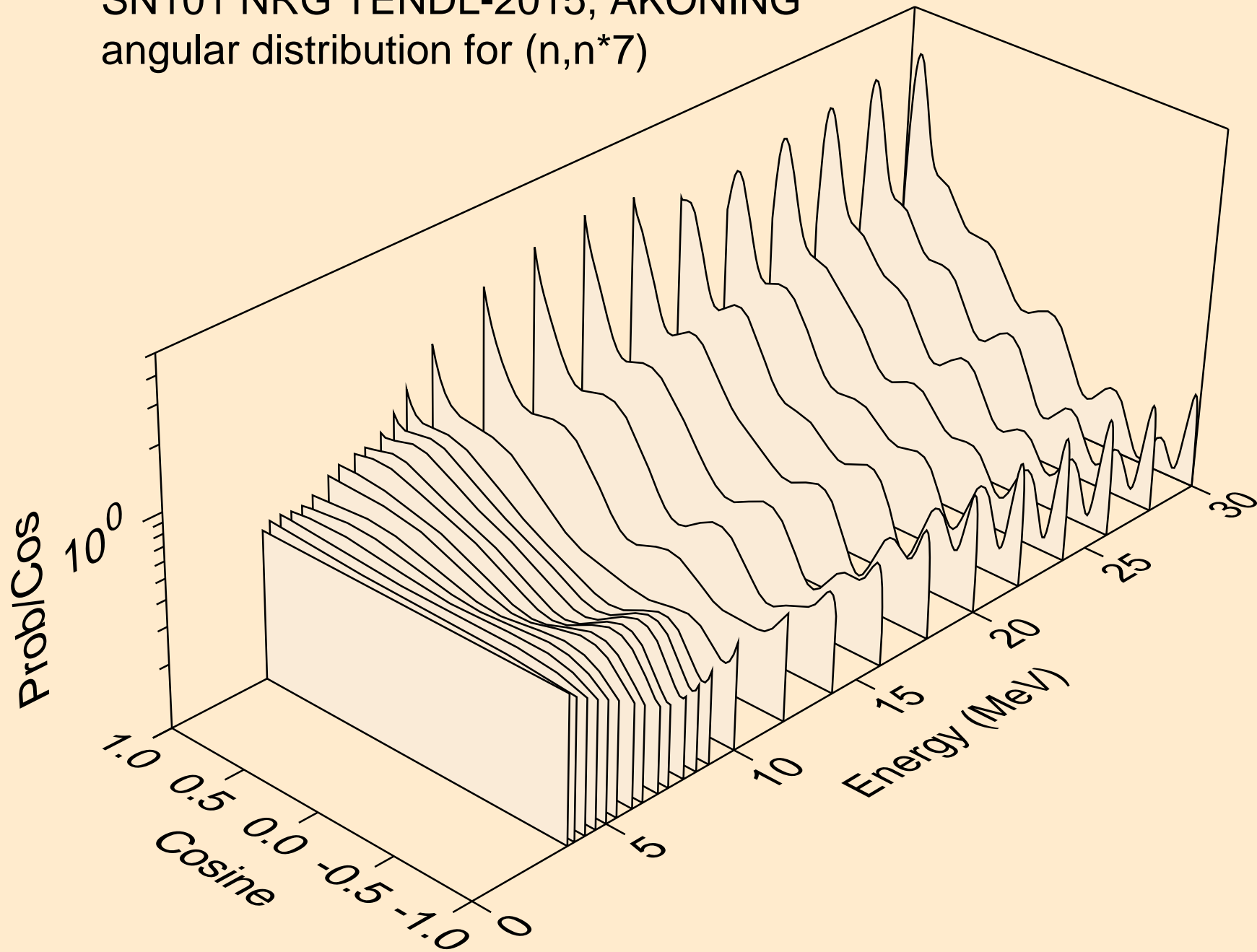
SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



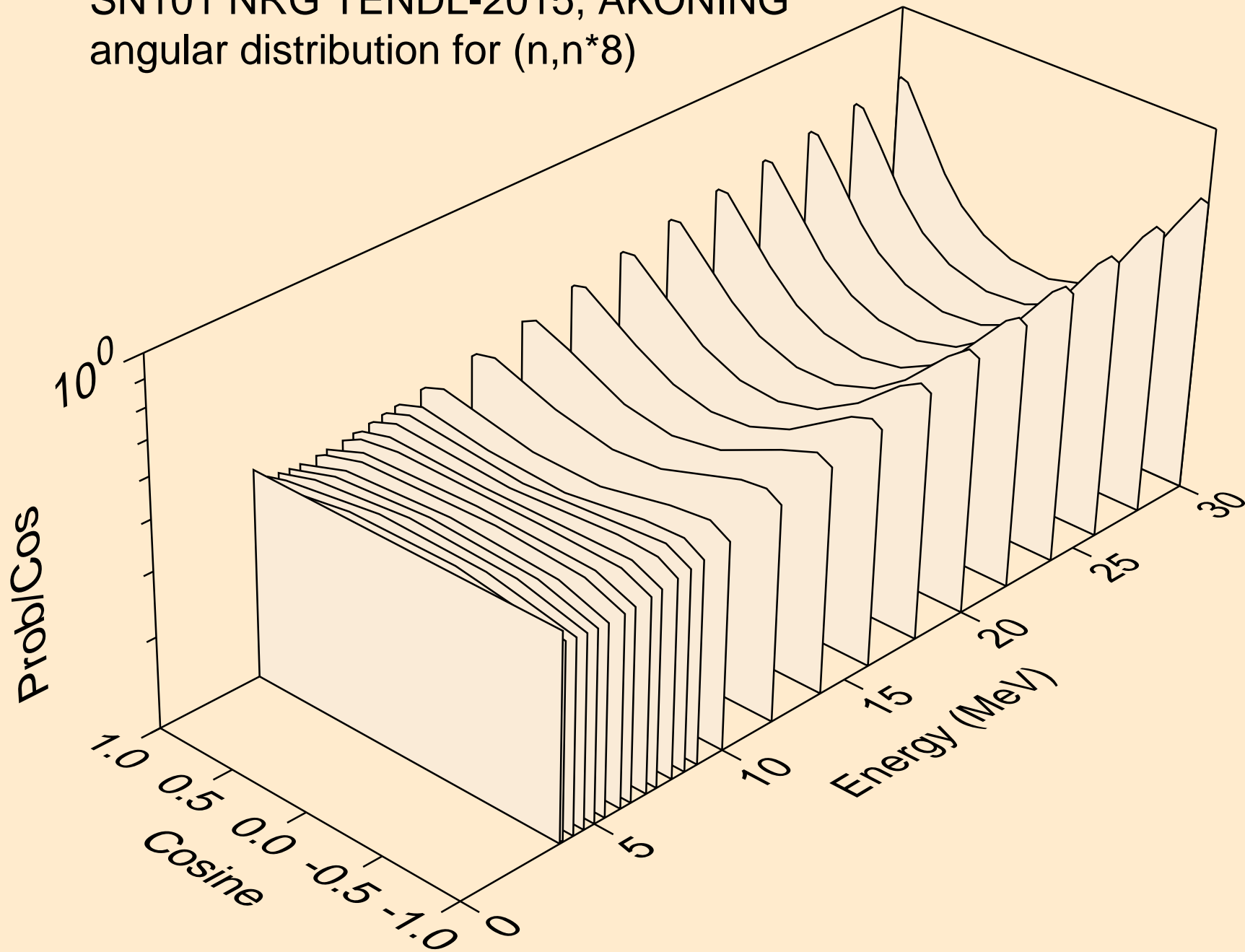
SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



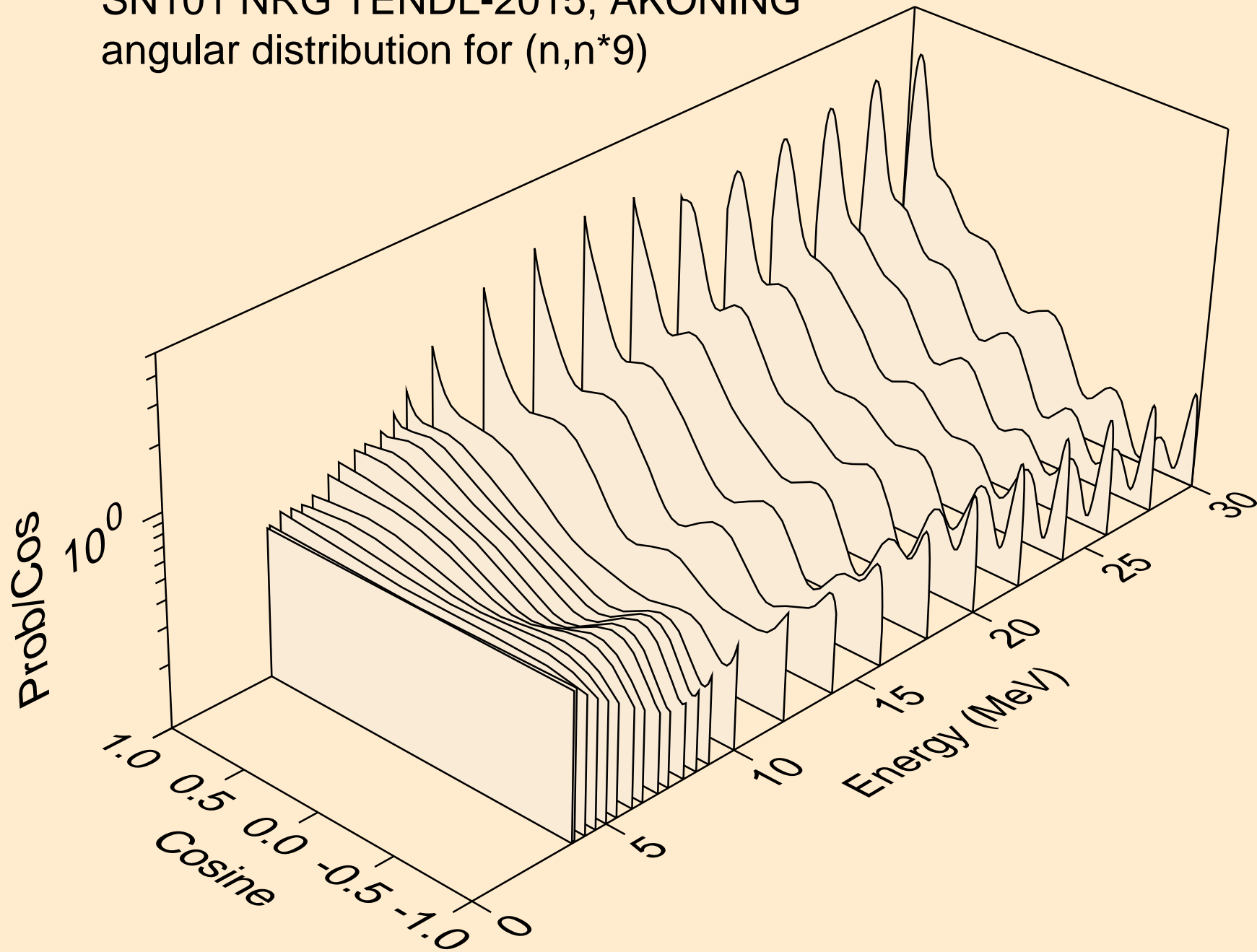
SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

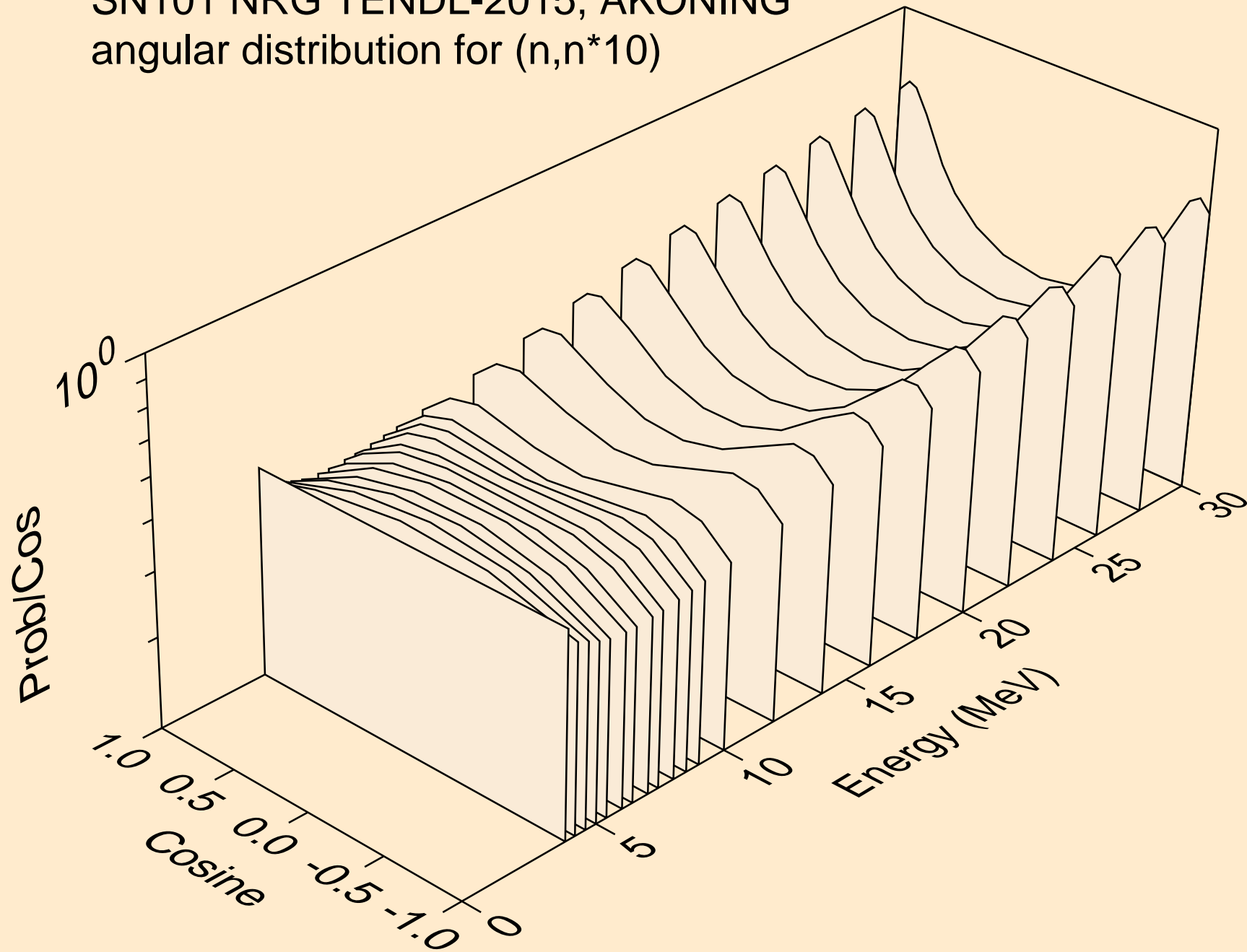


SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

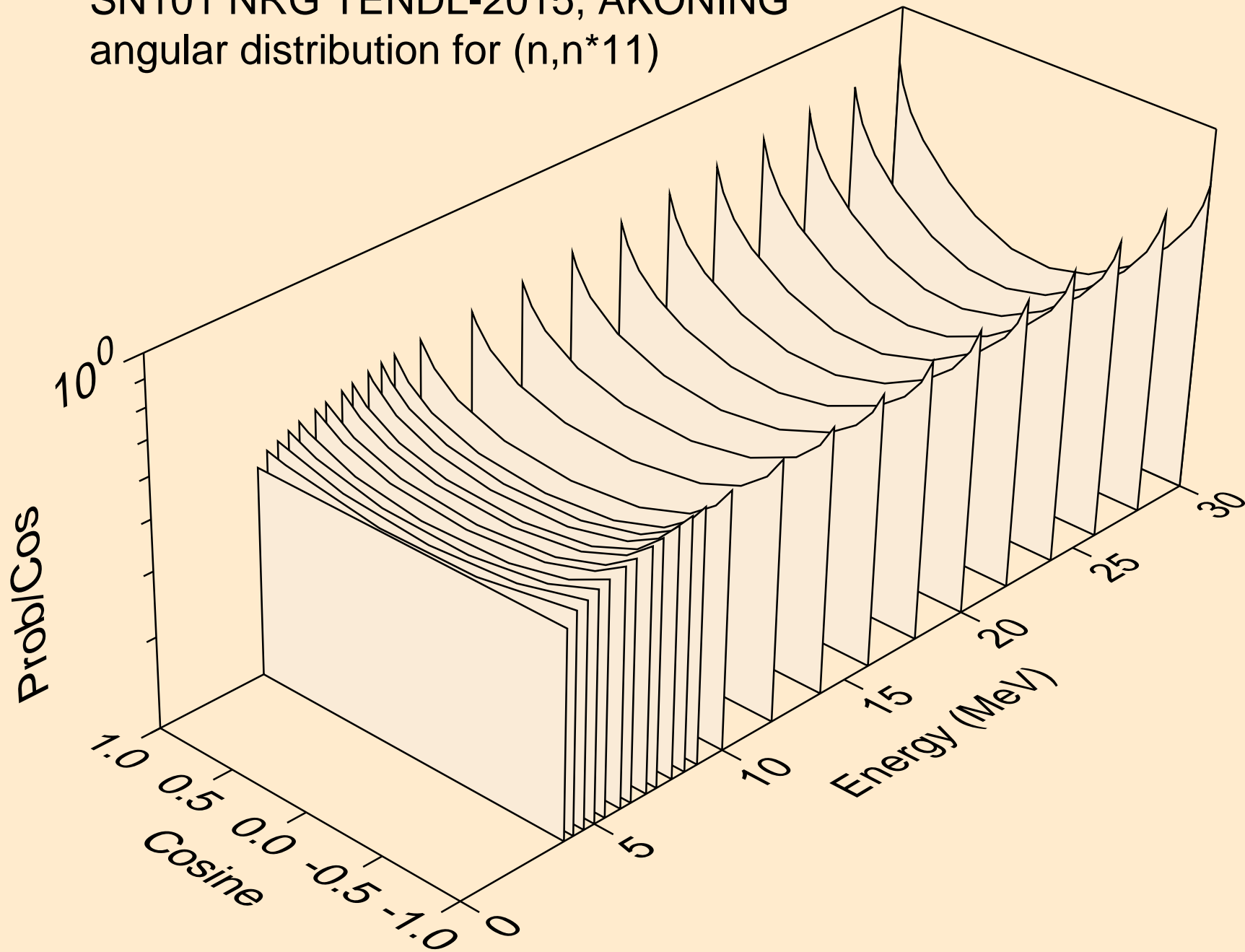




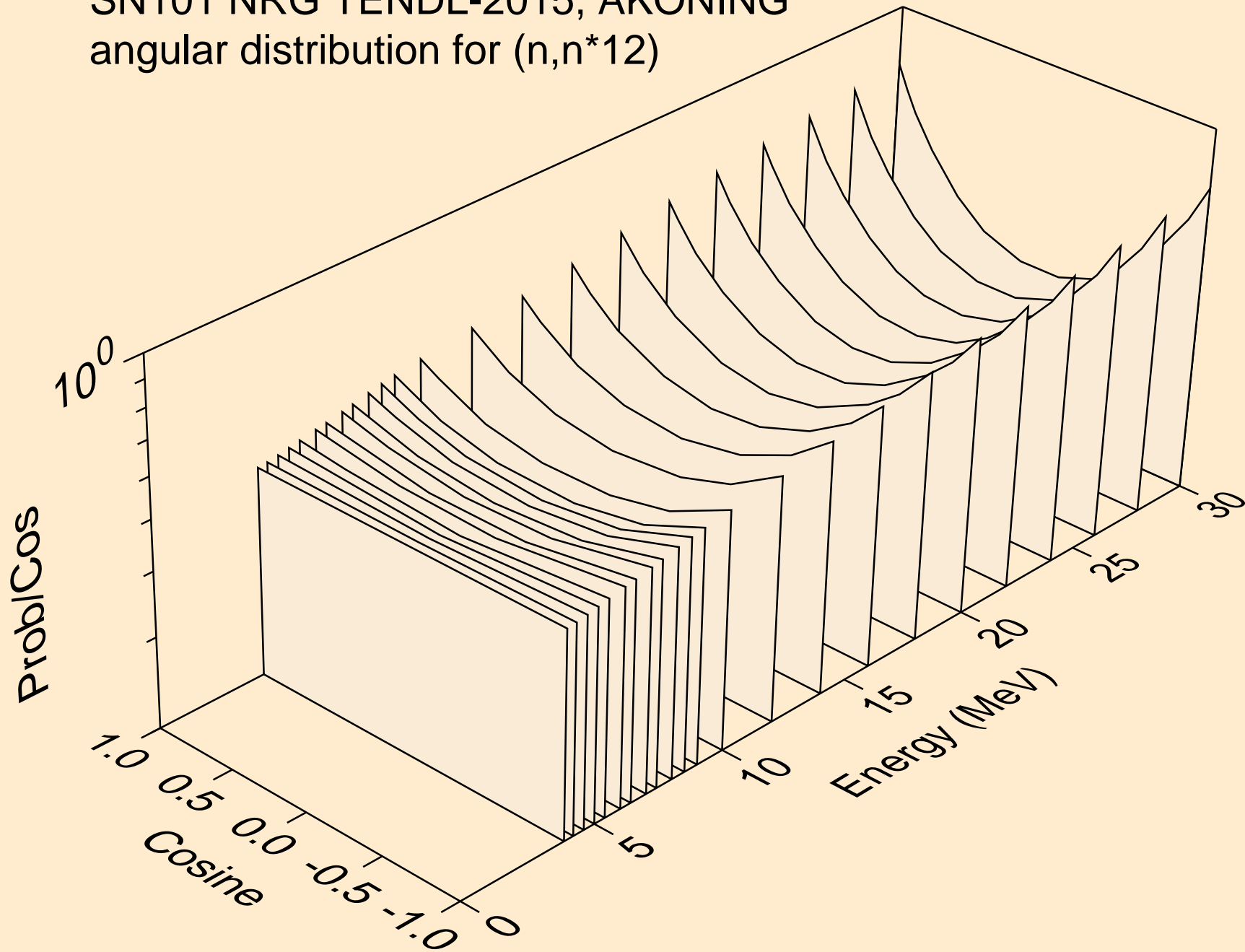
SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



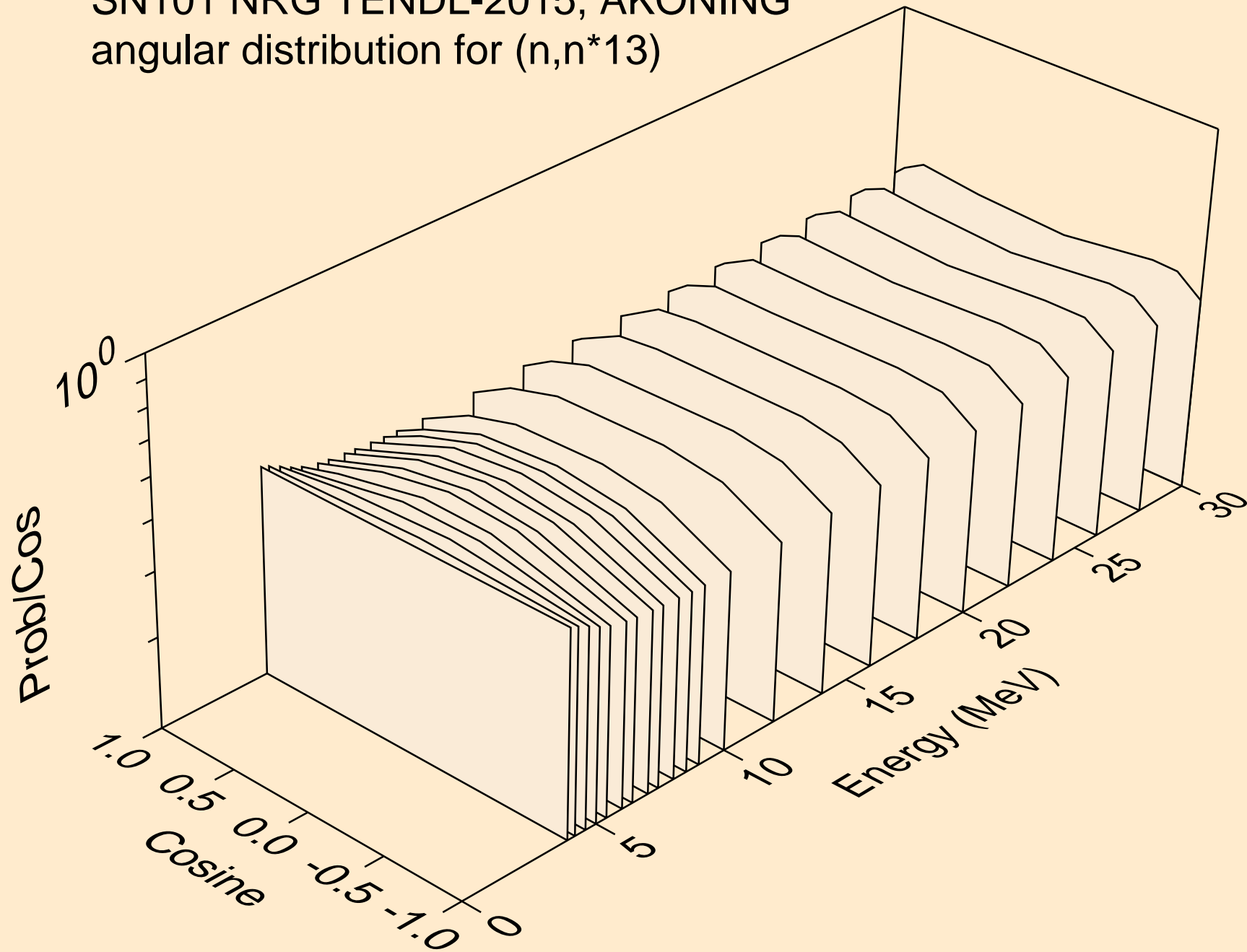
SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



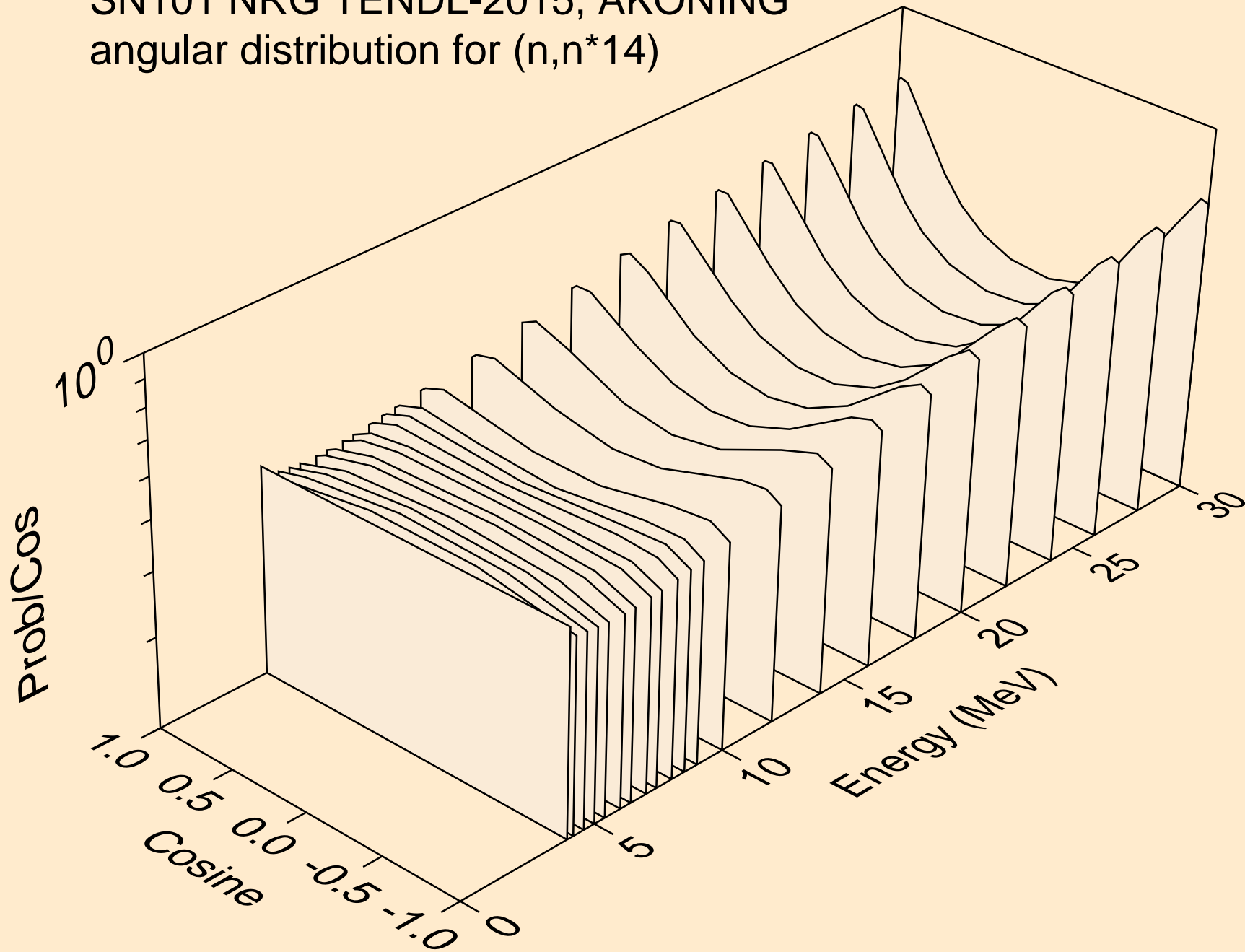
SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



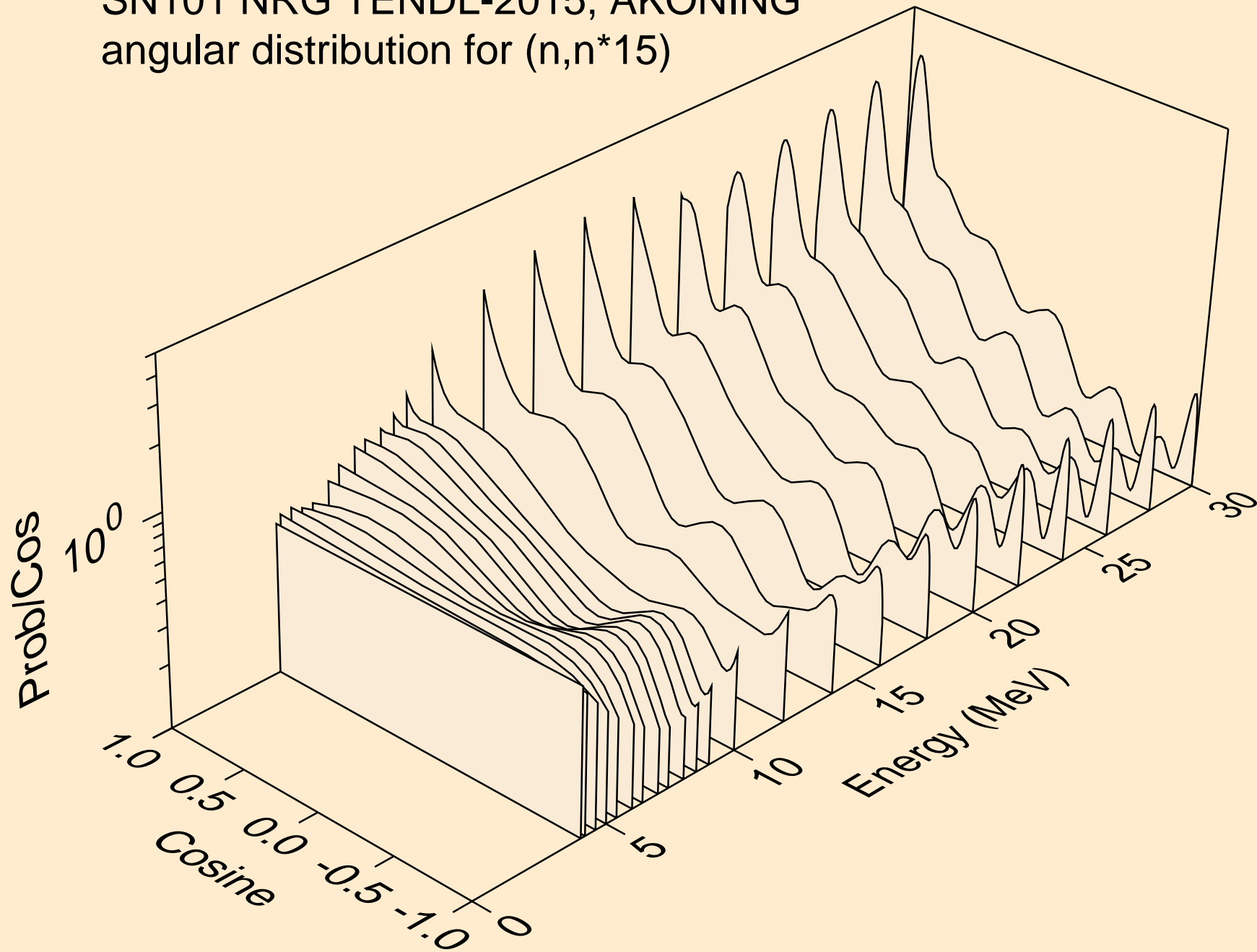
SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



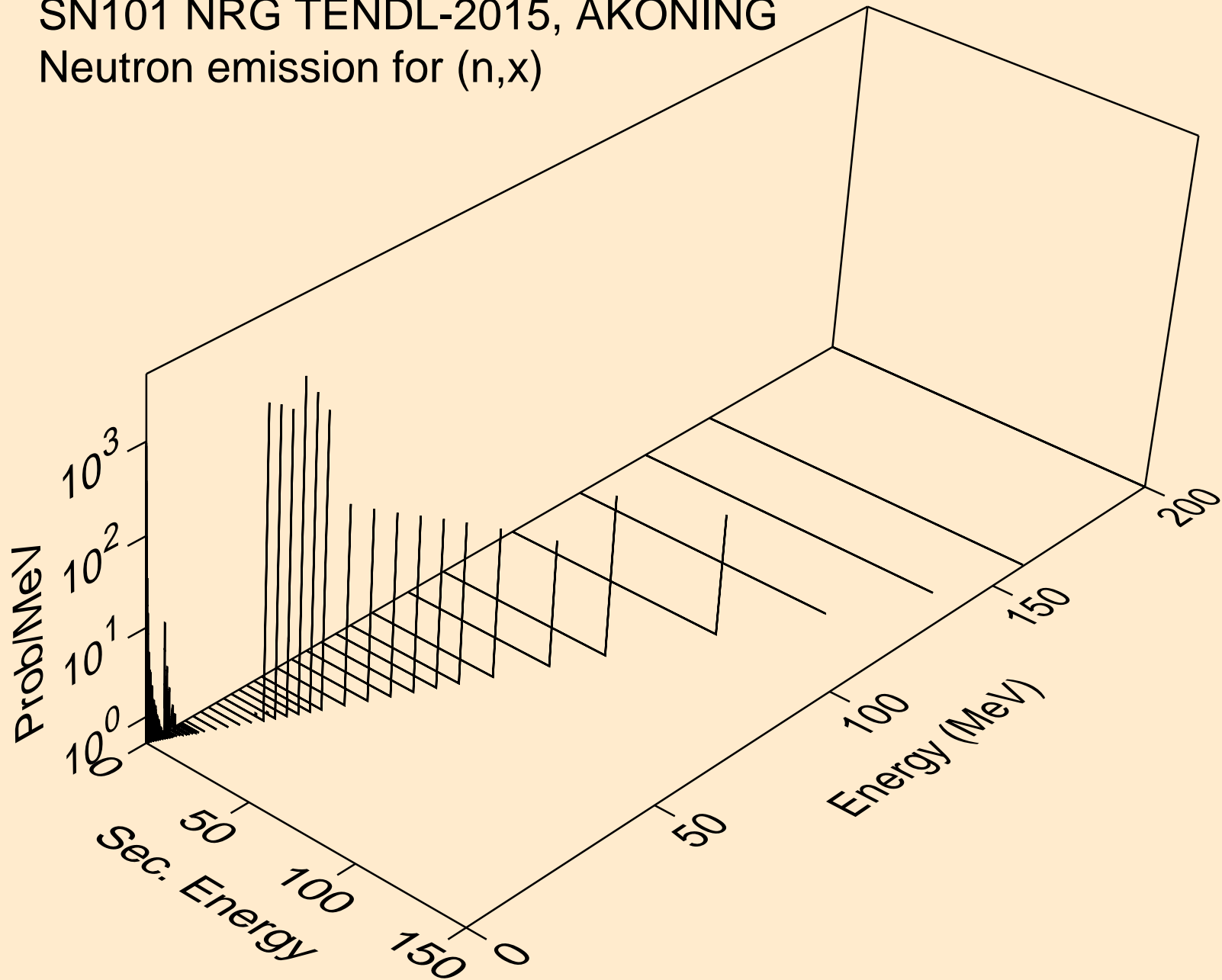
SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



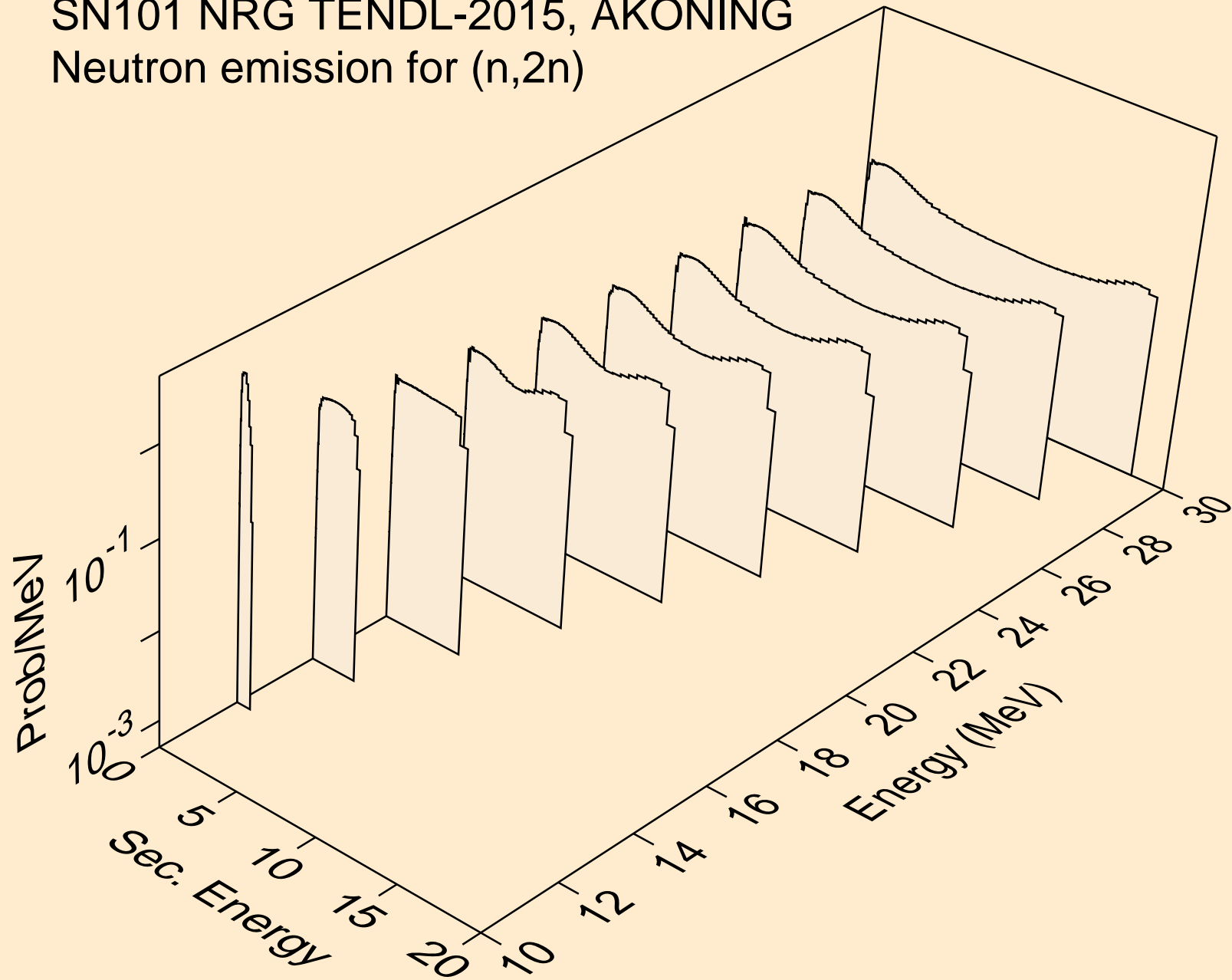
SN101 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

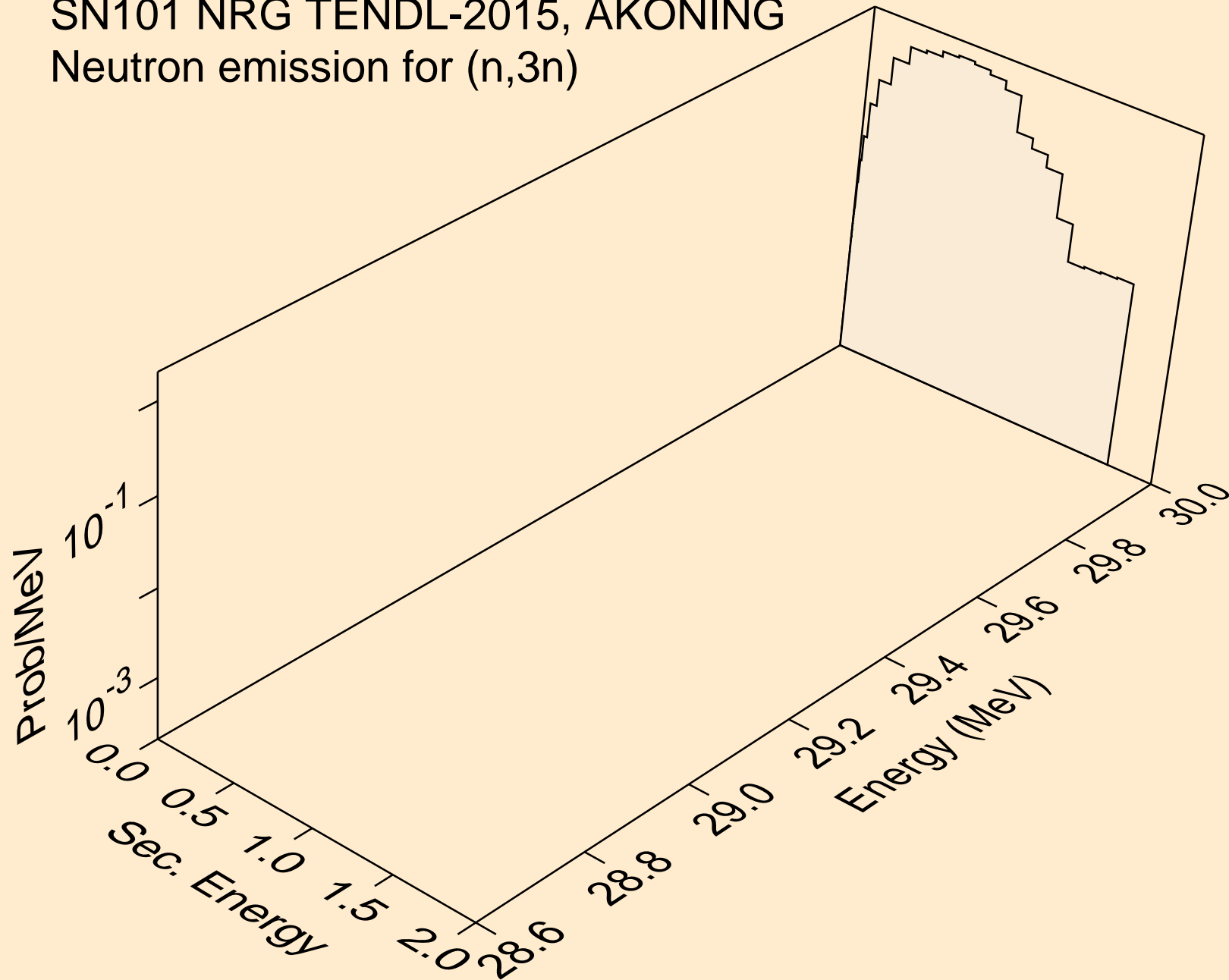


SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

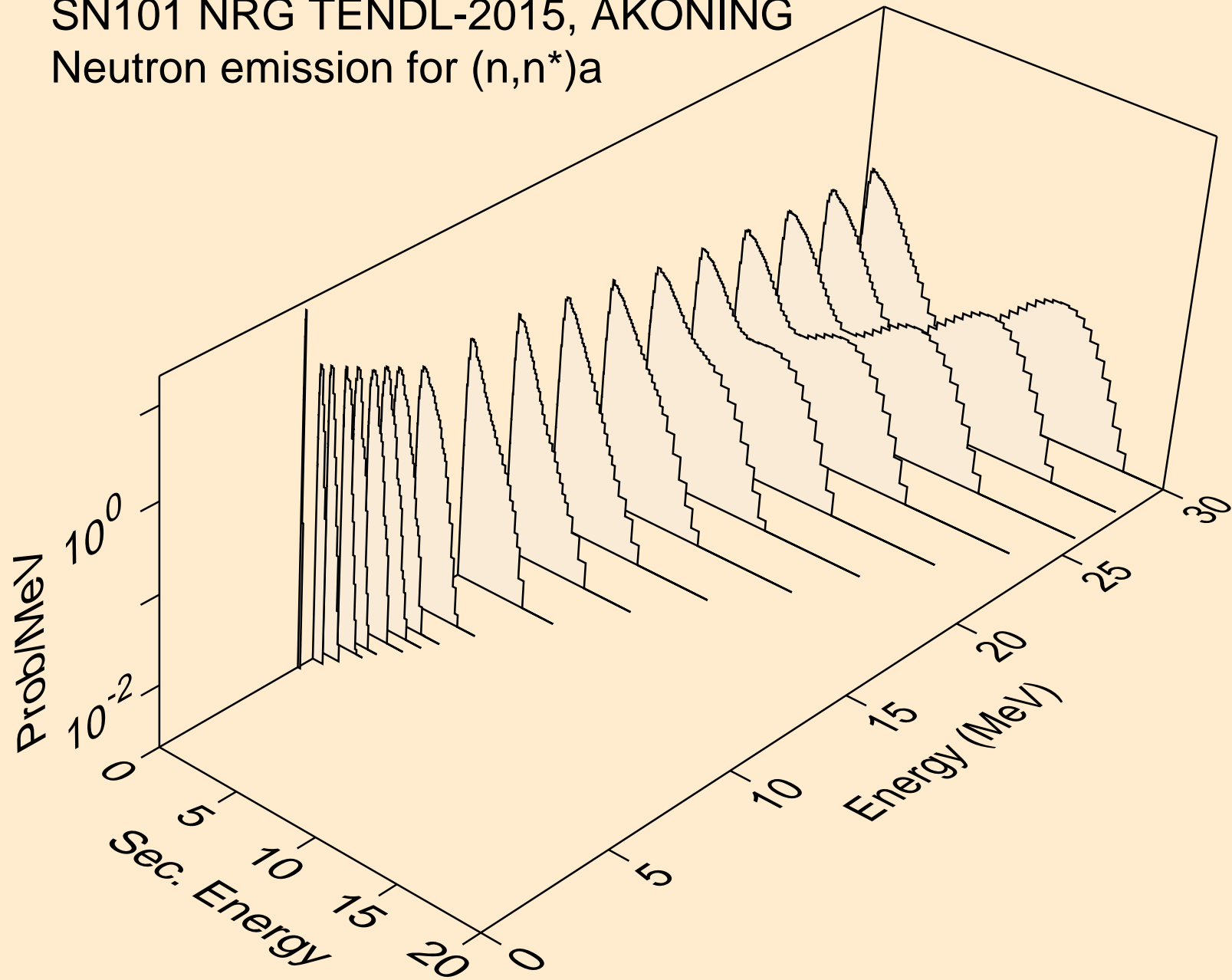




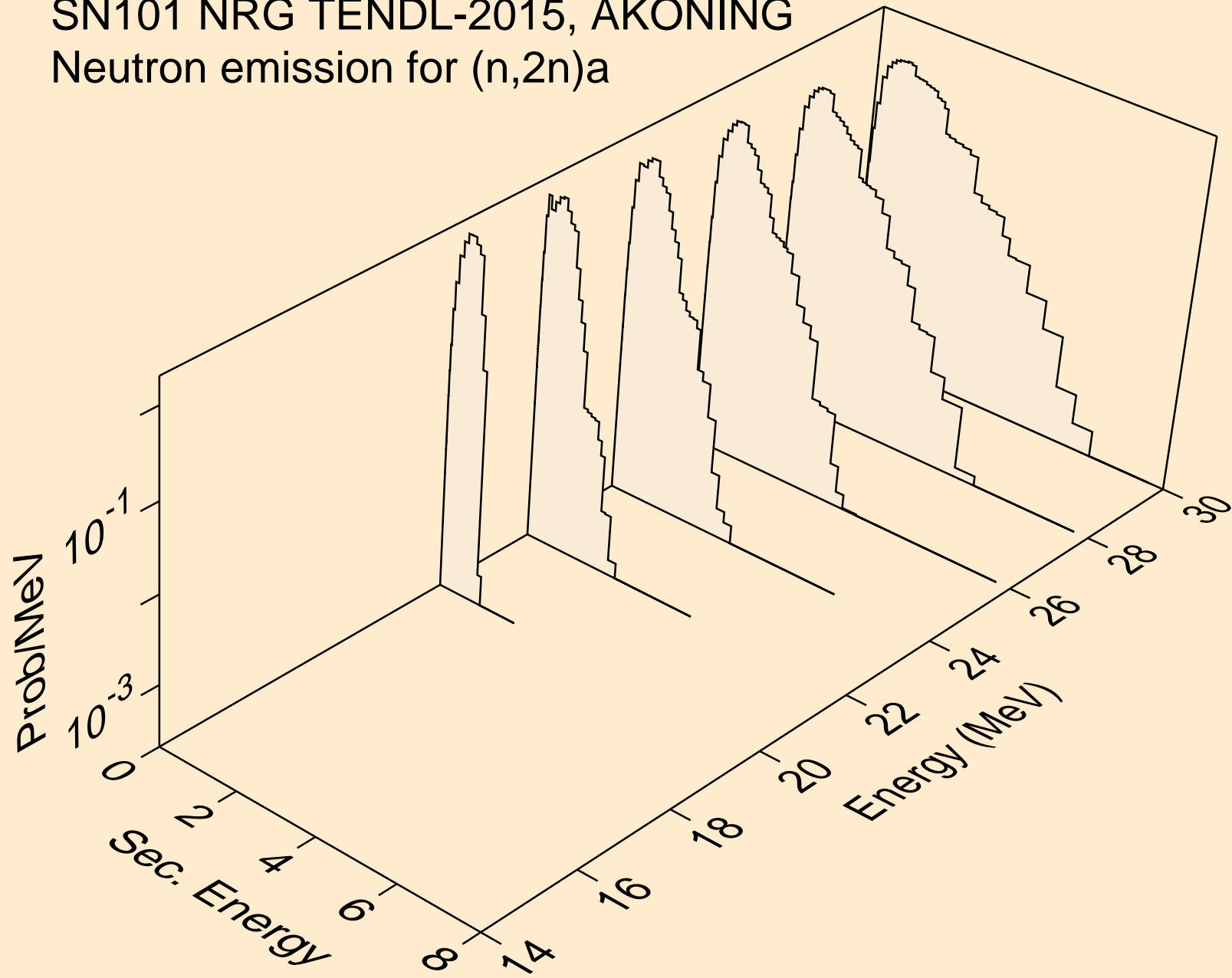
SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



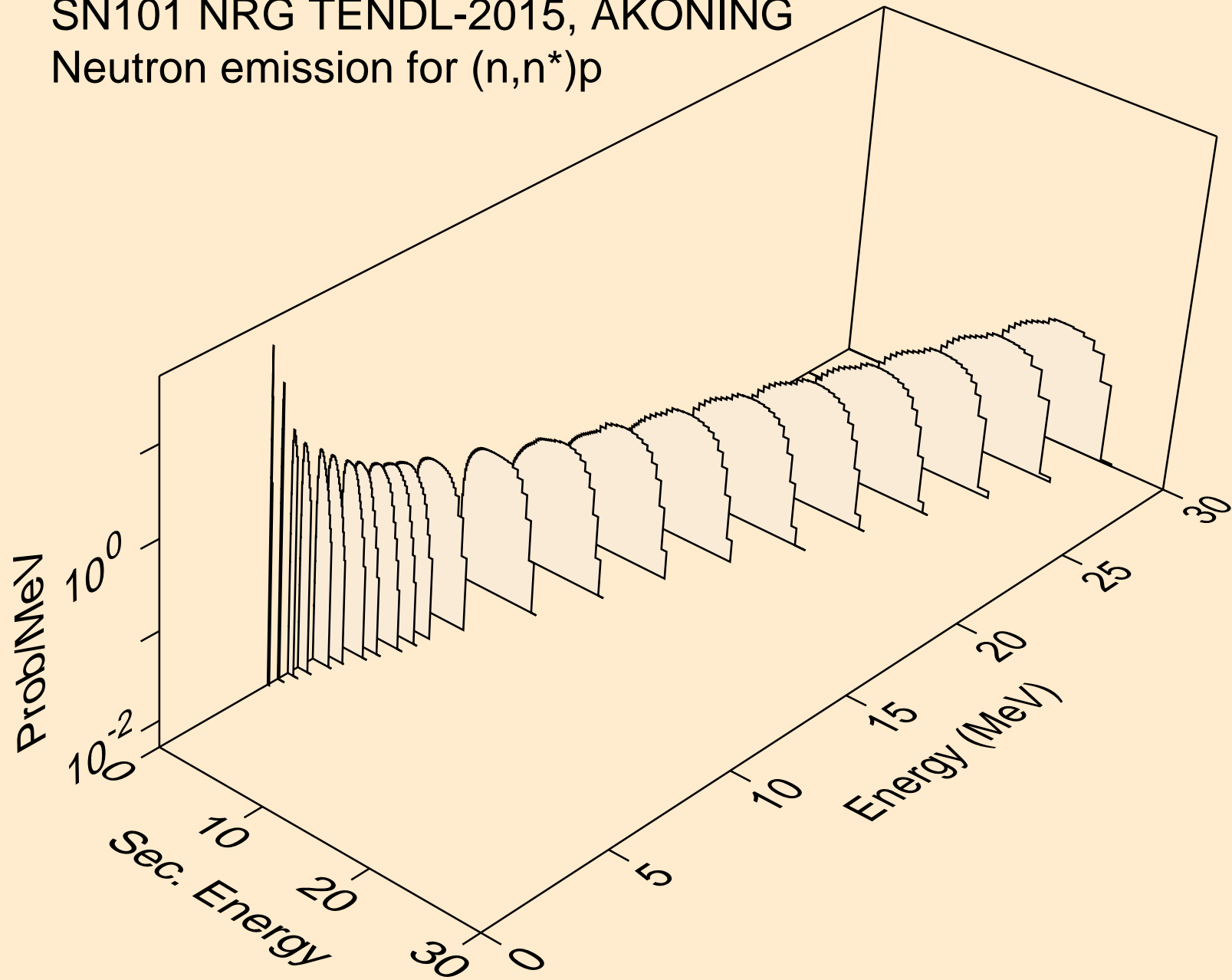
SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



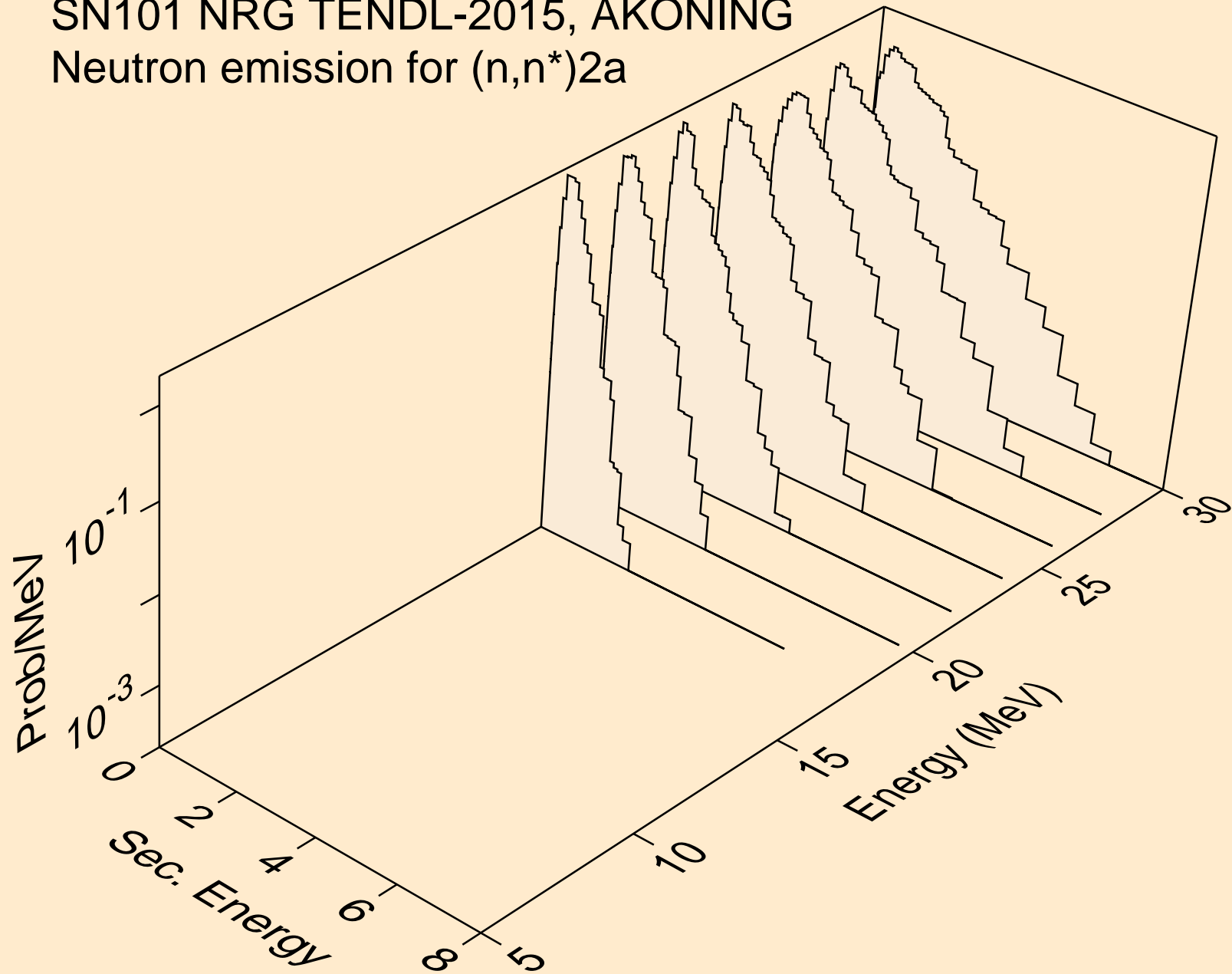
SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



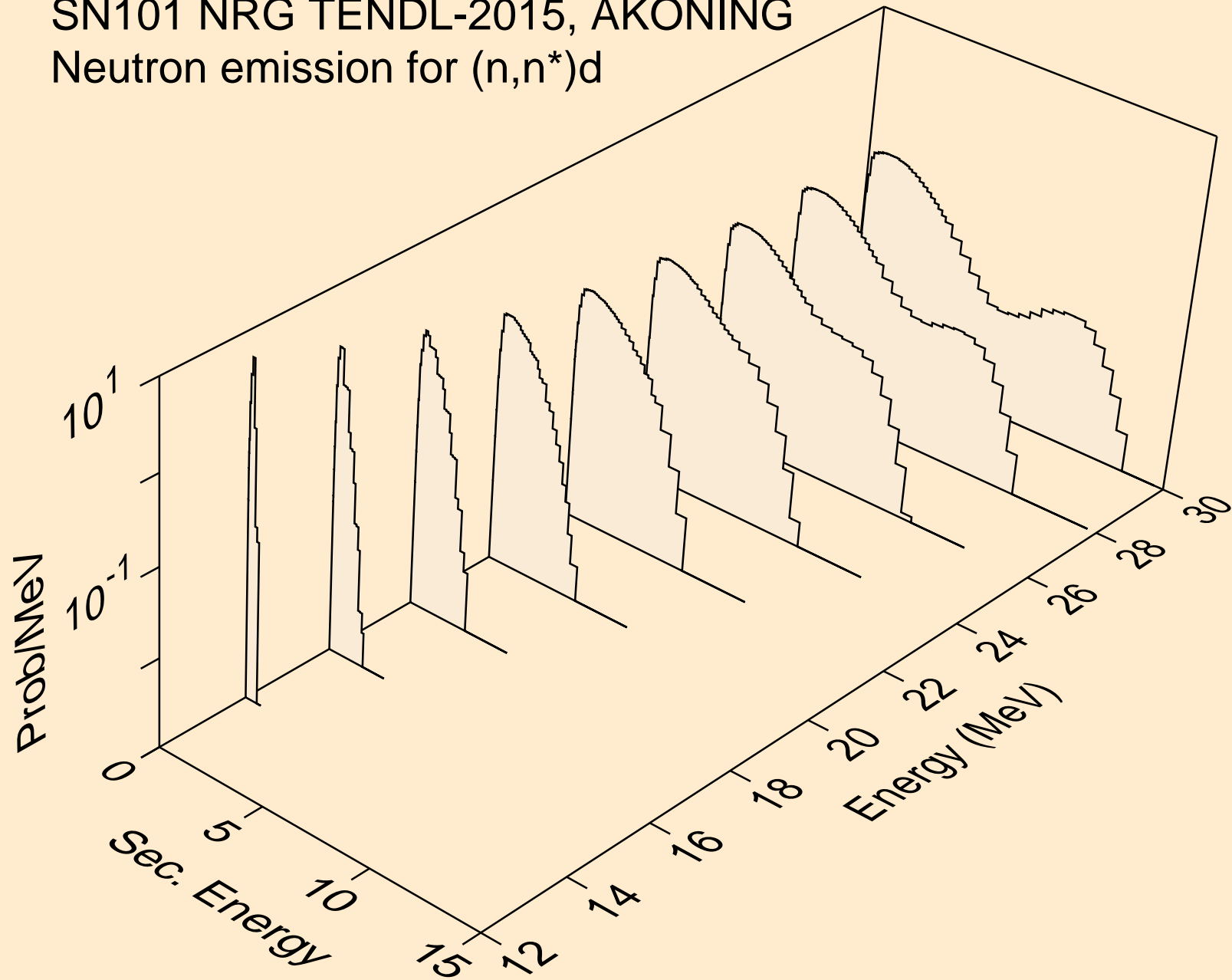
SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



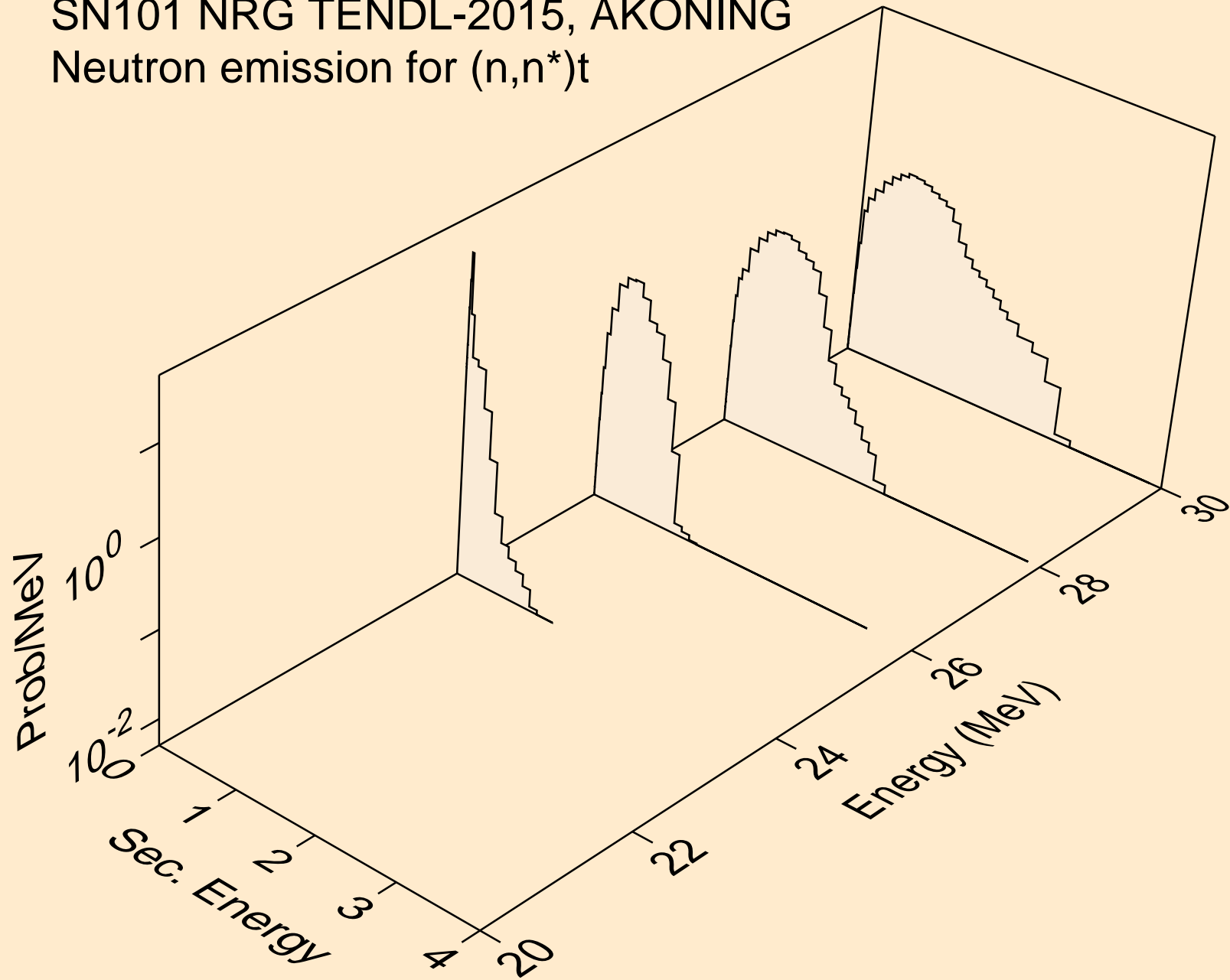
SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



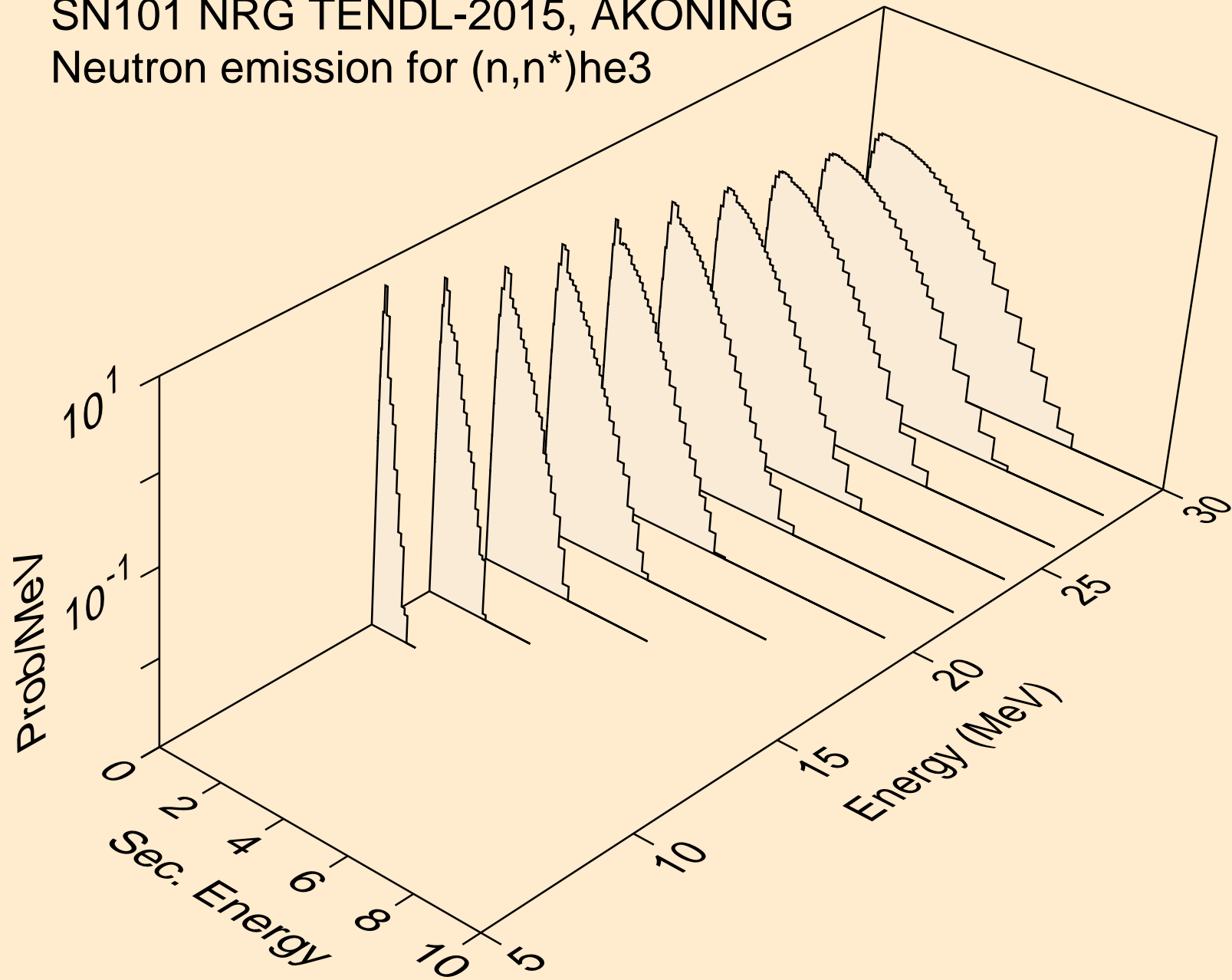
SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

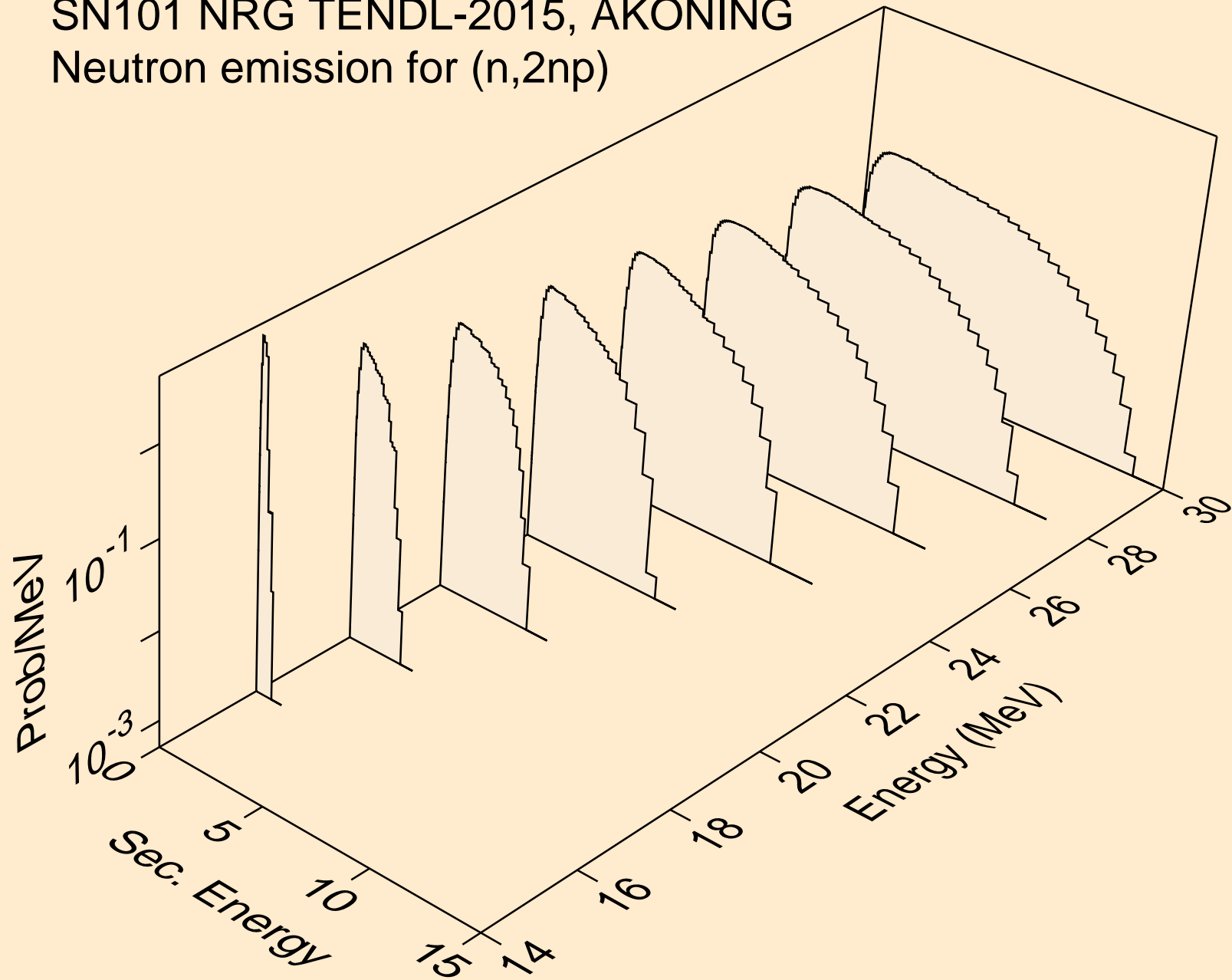


SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

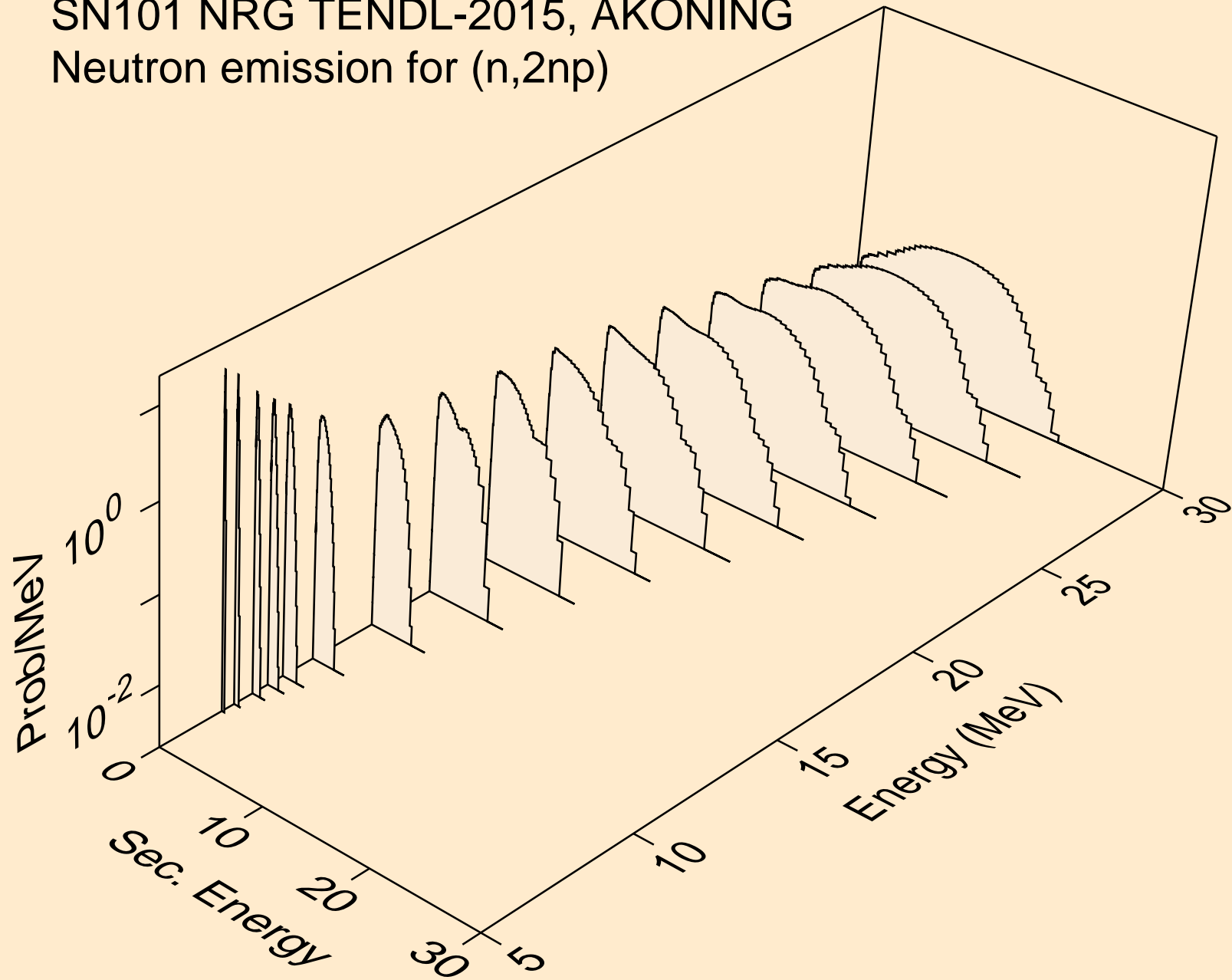




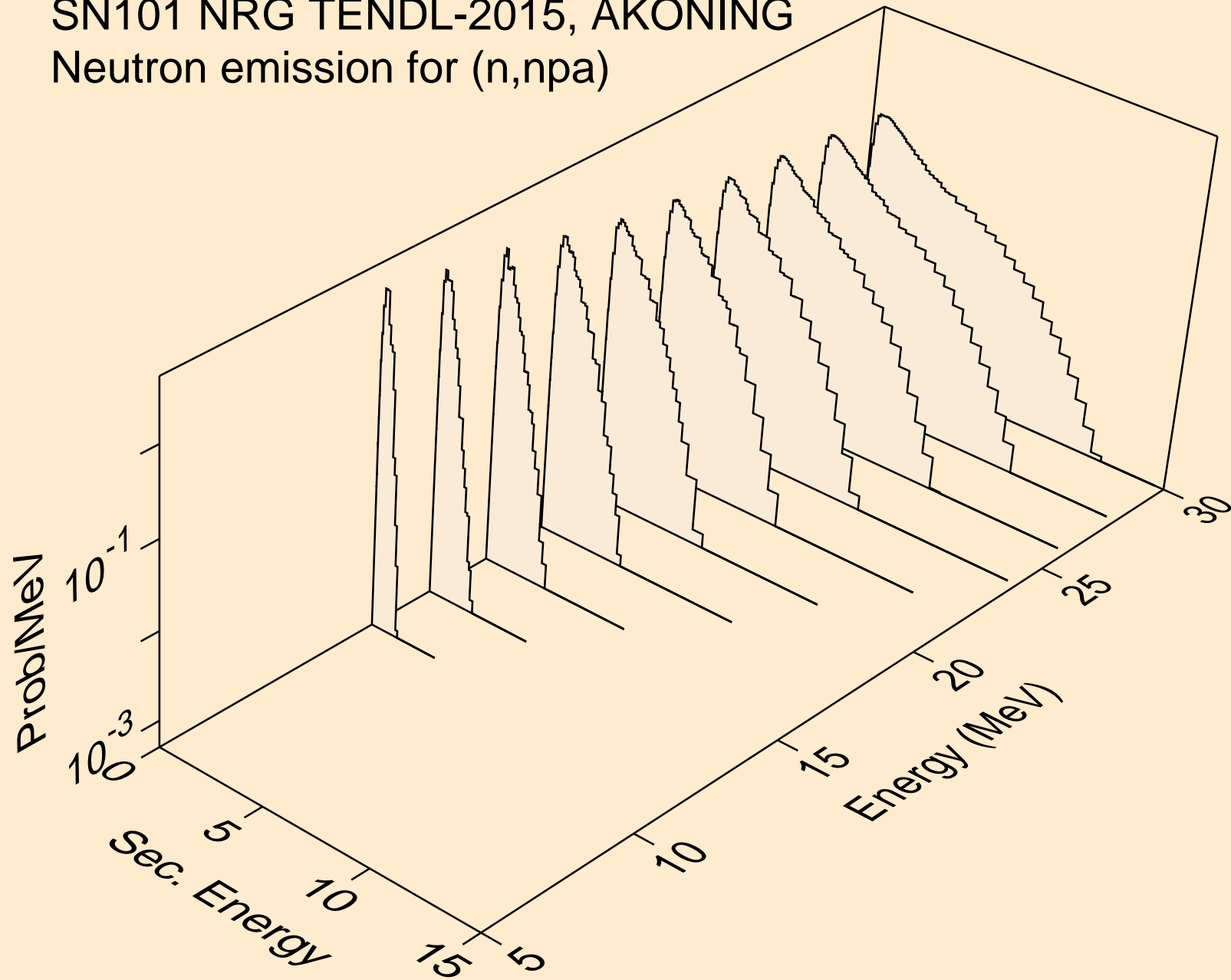
SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



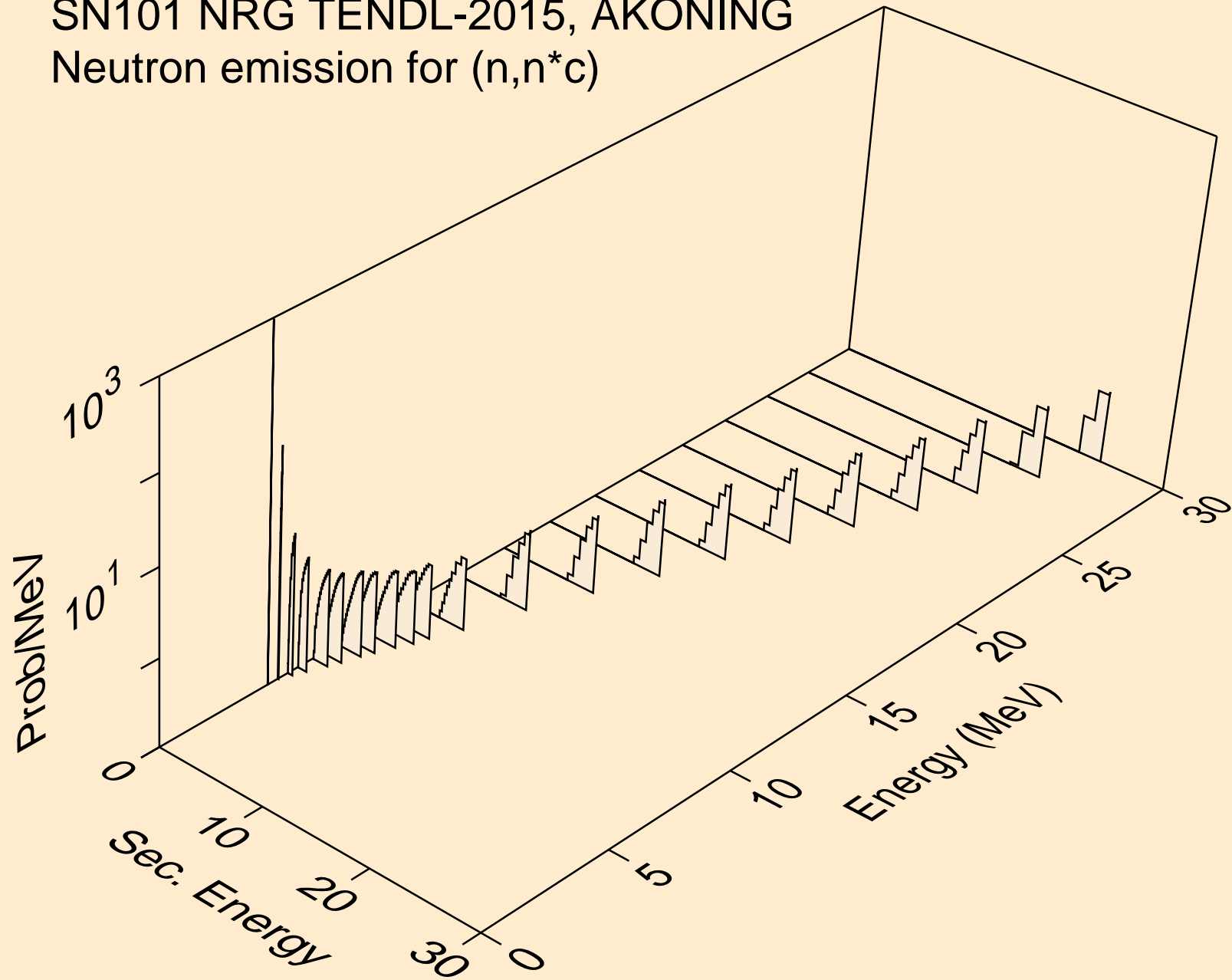
SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



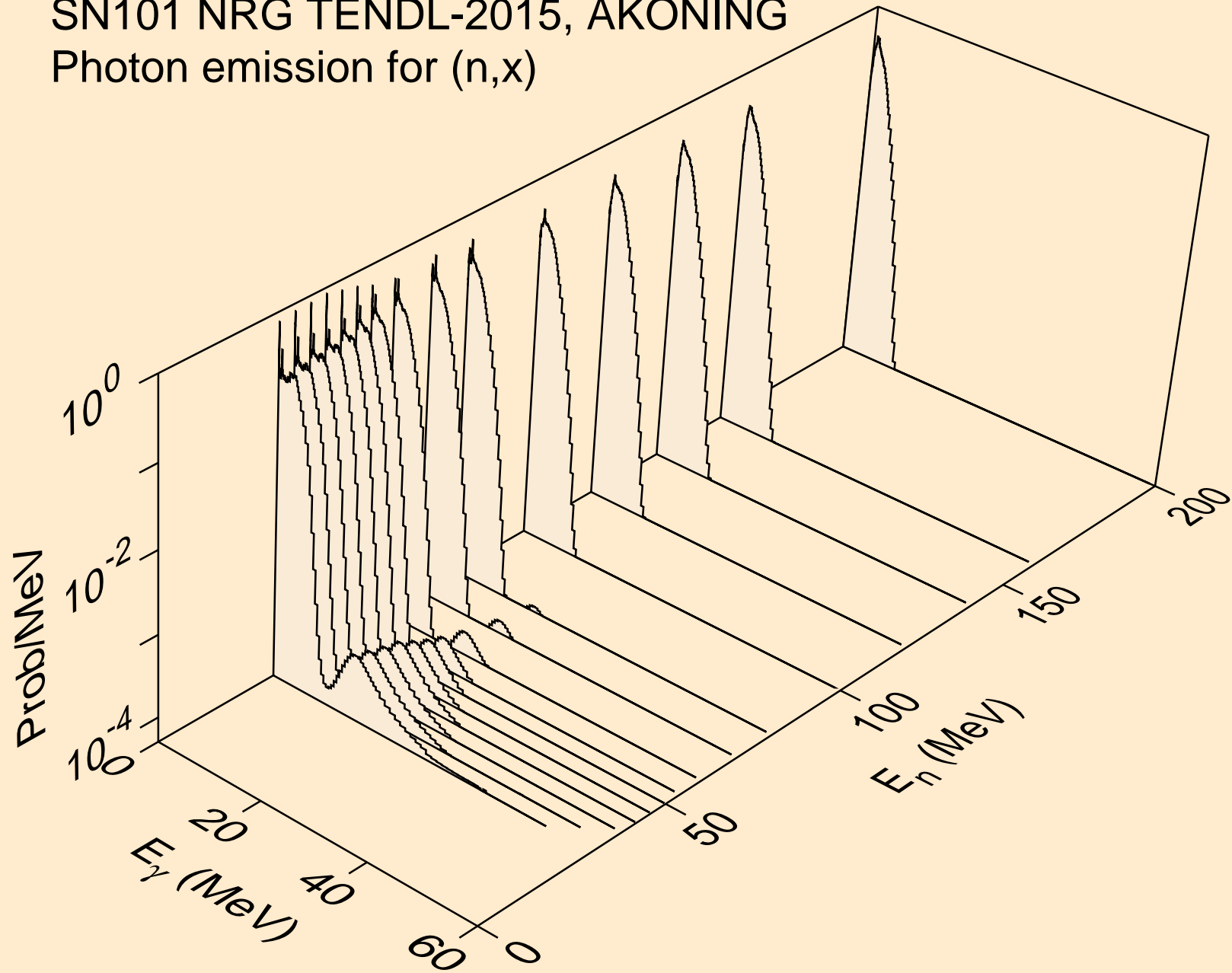
SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



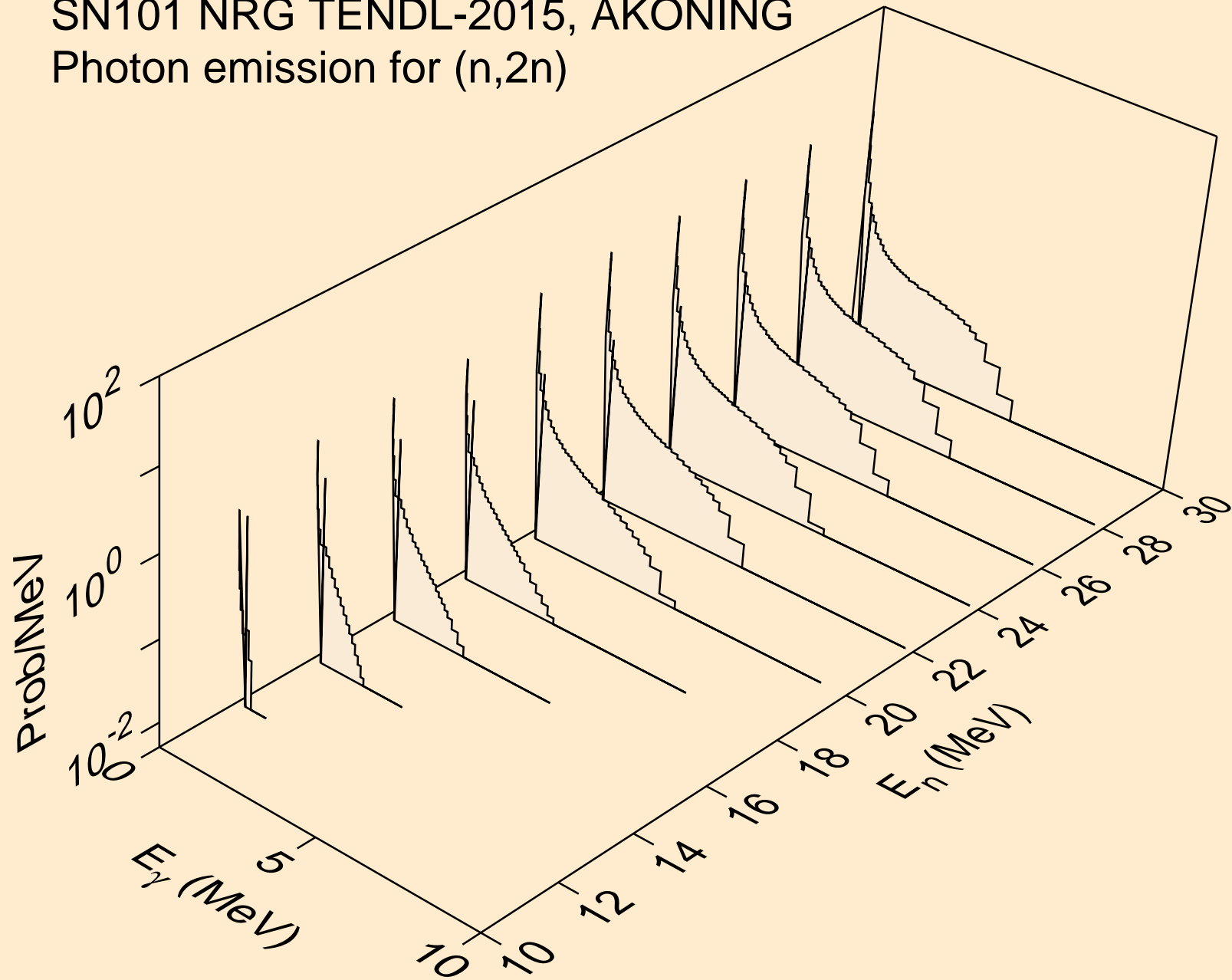
SN101 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



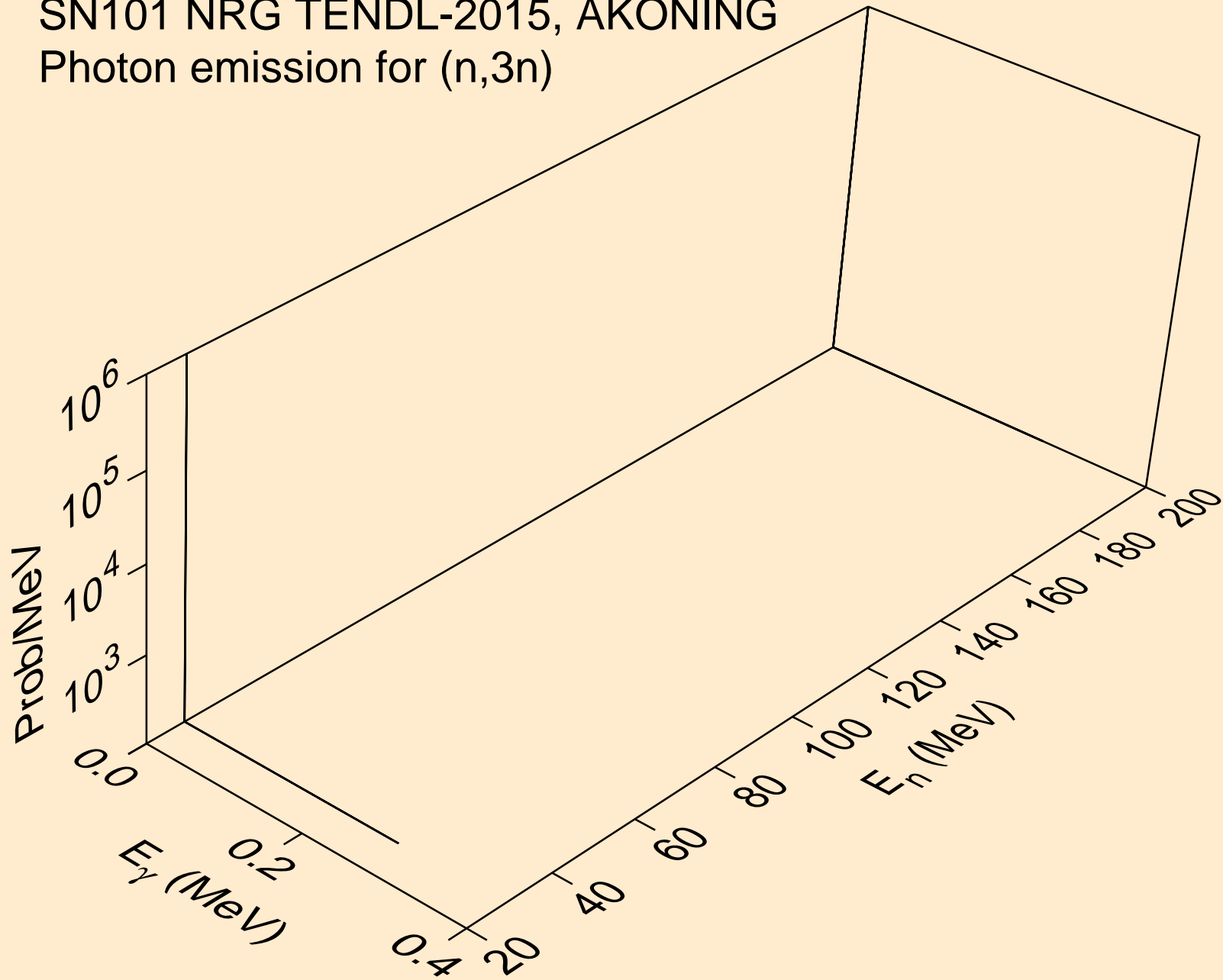
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



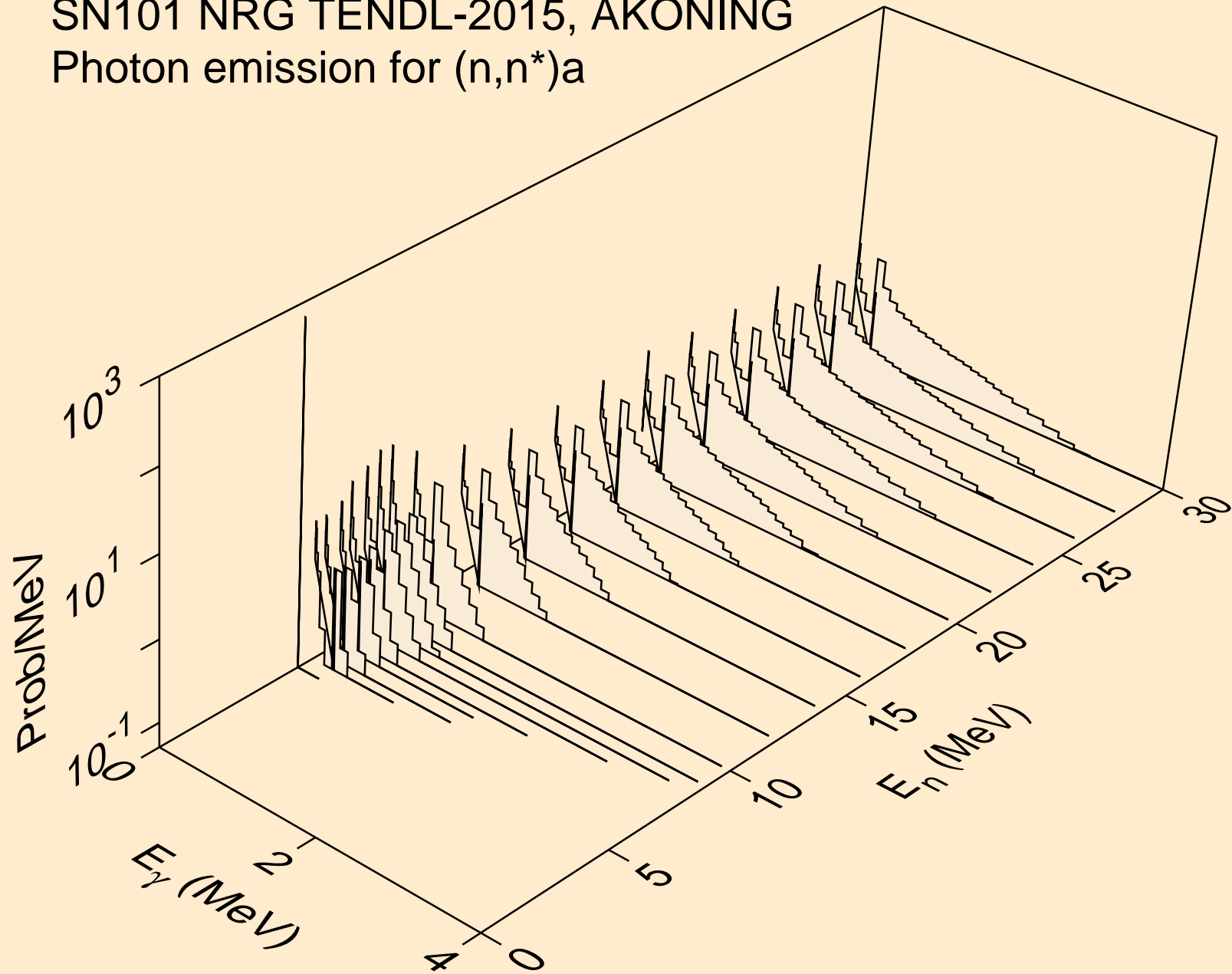
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

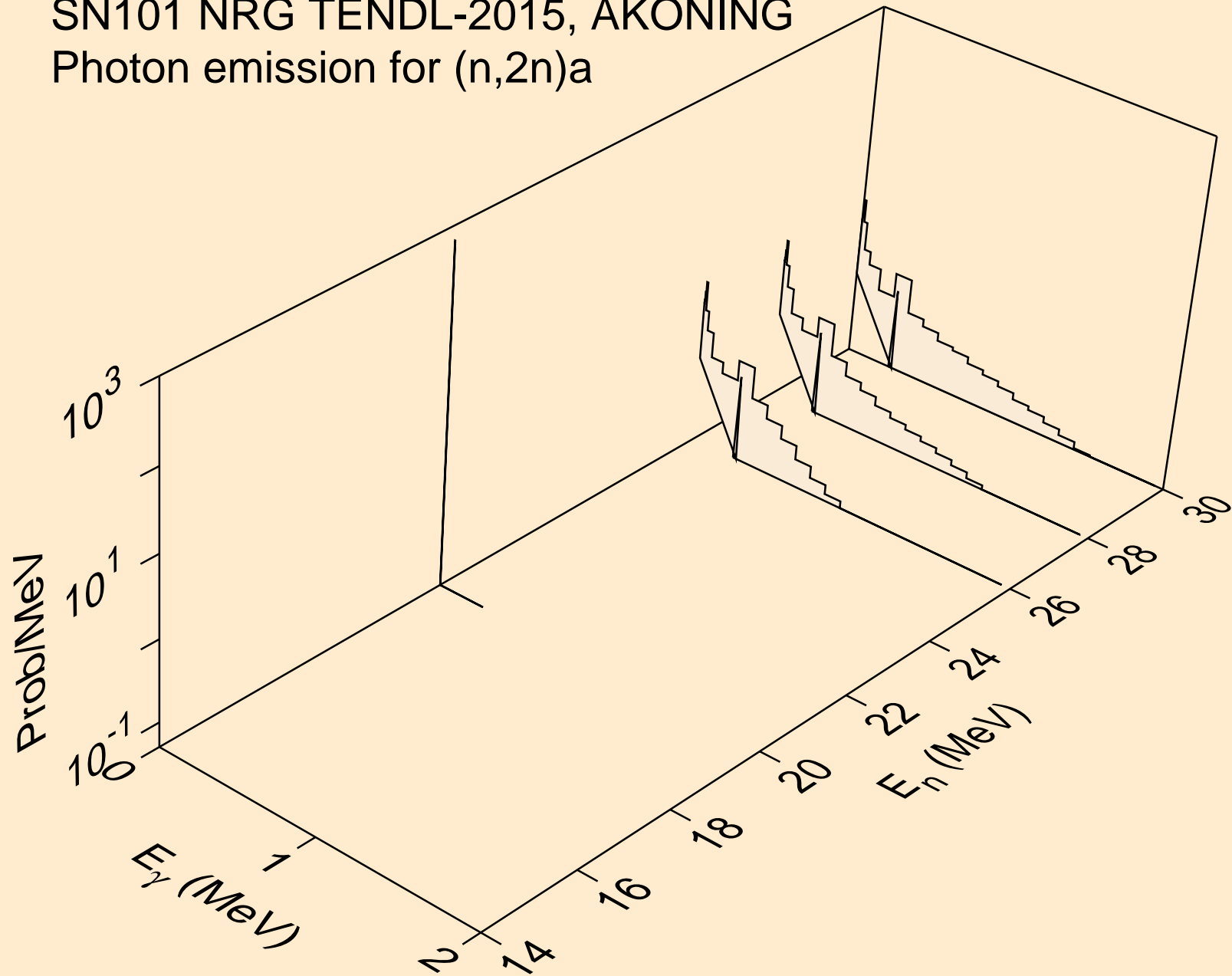


SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

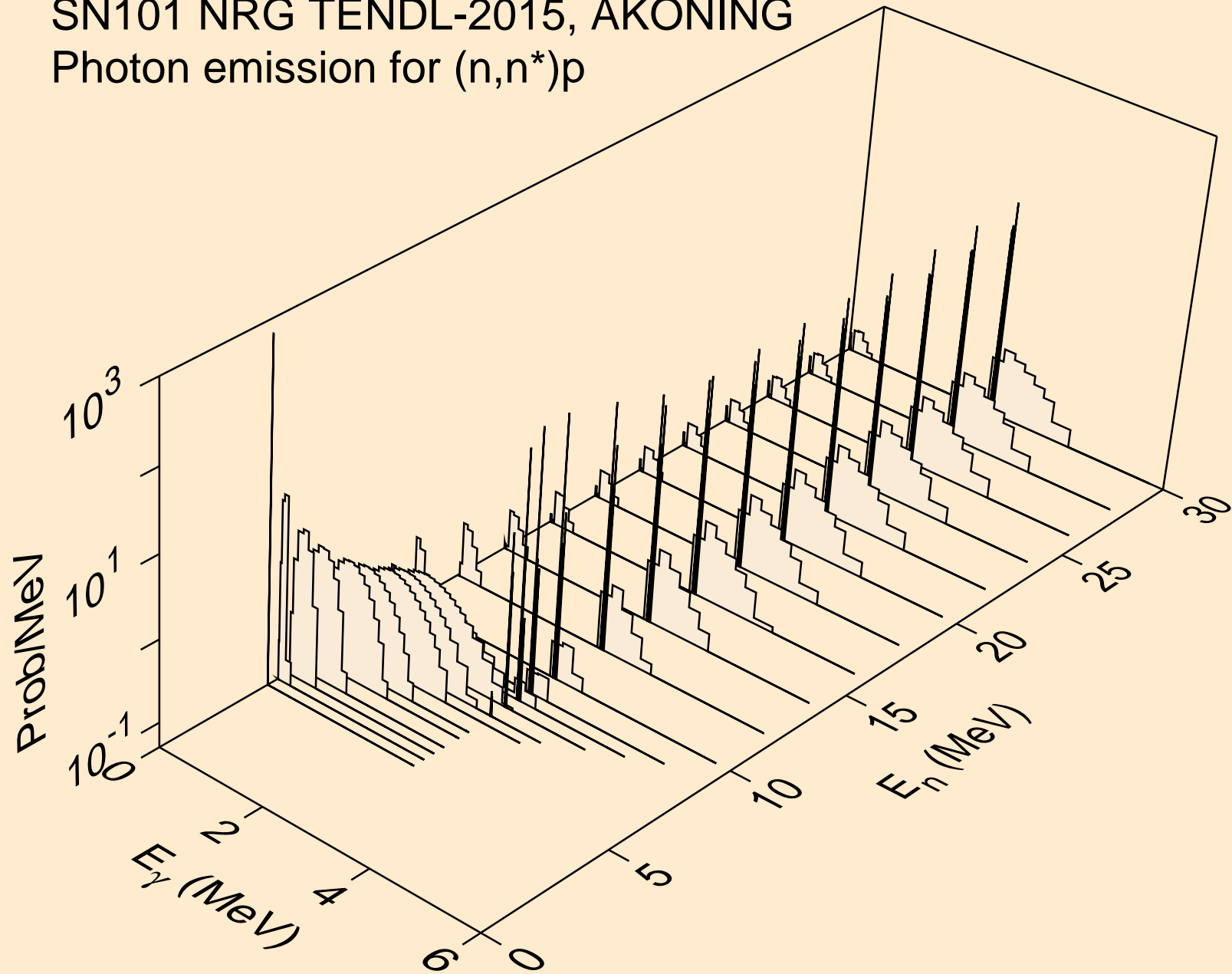




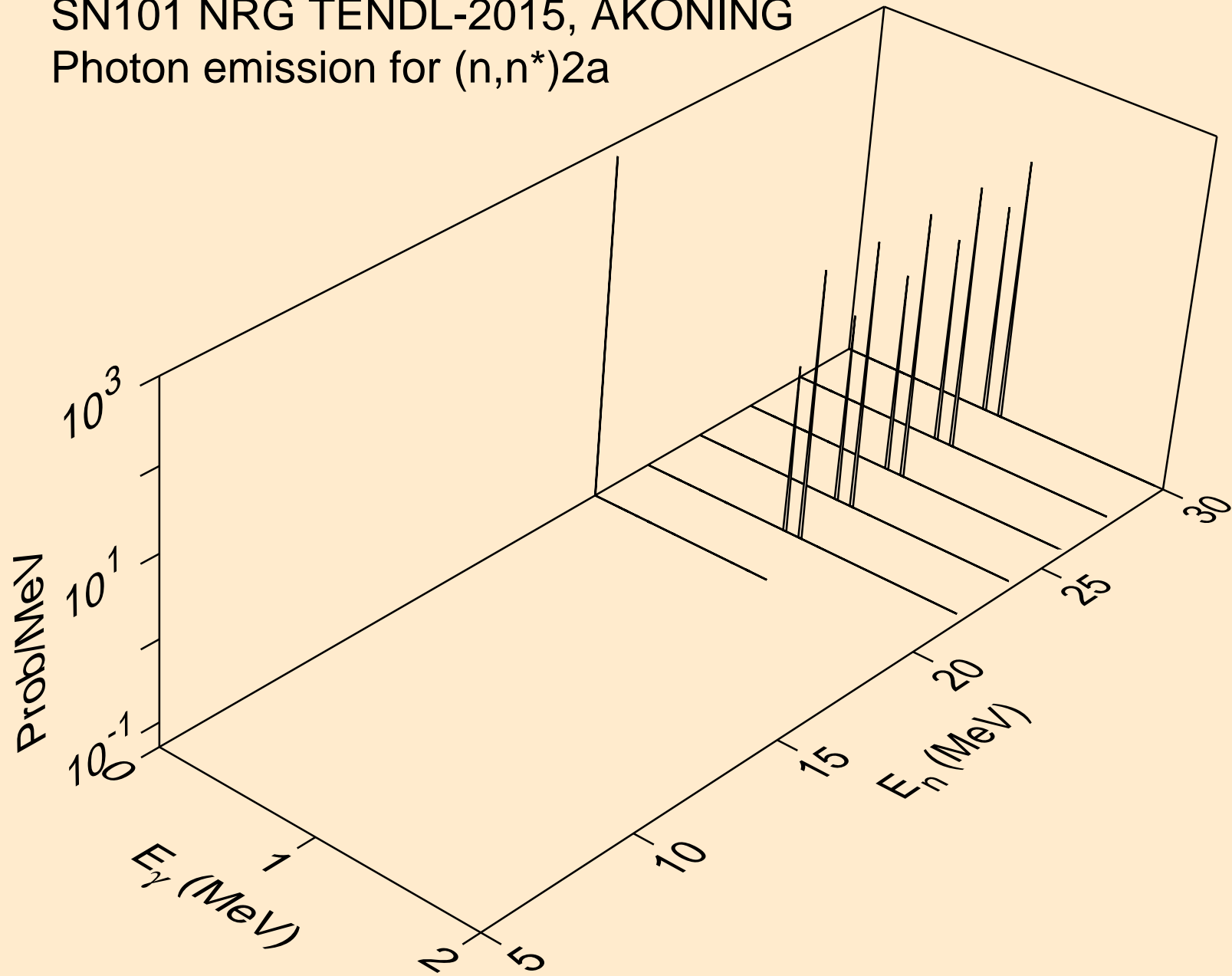
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



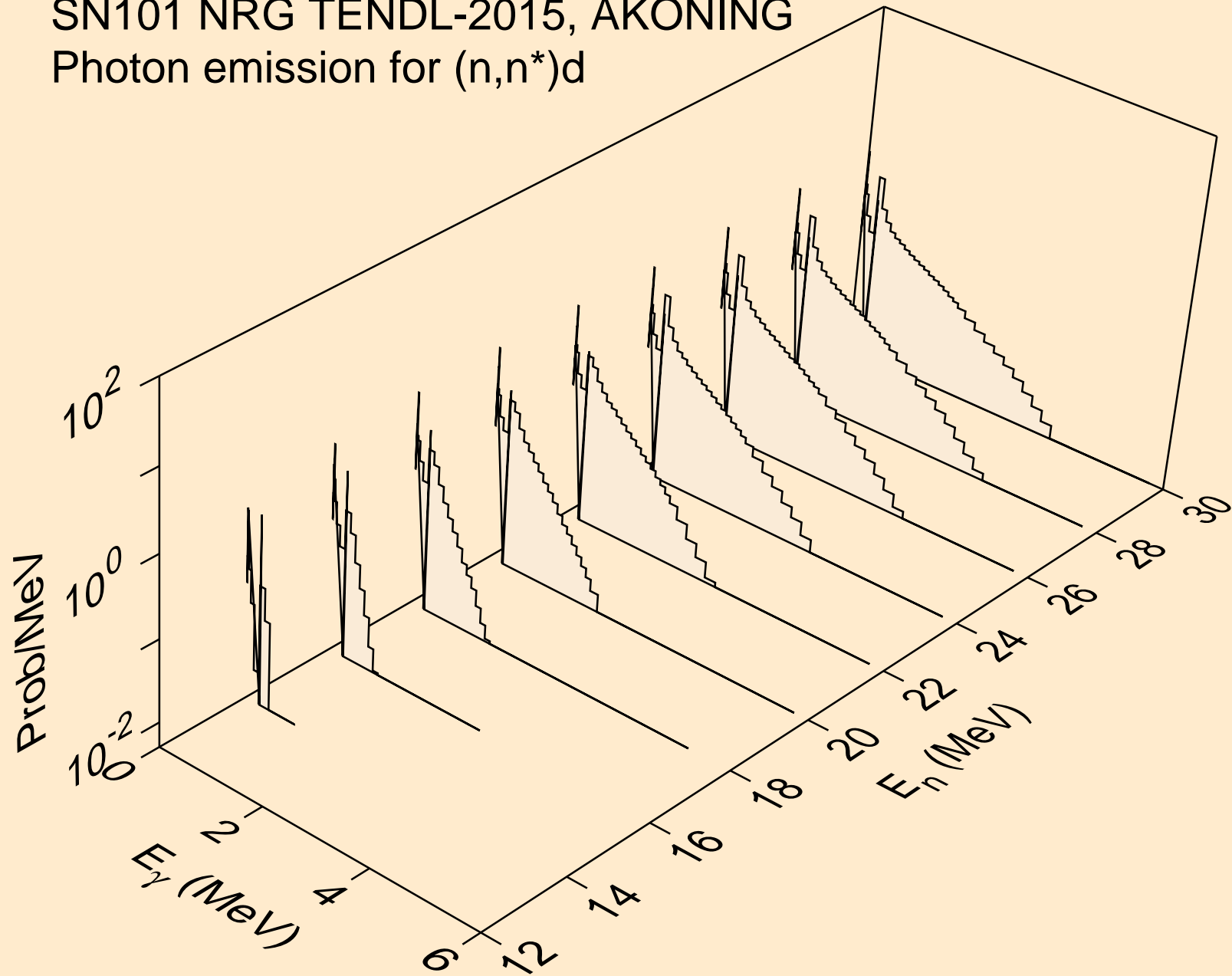
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



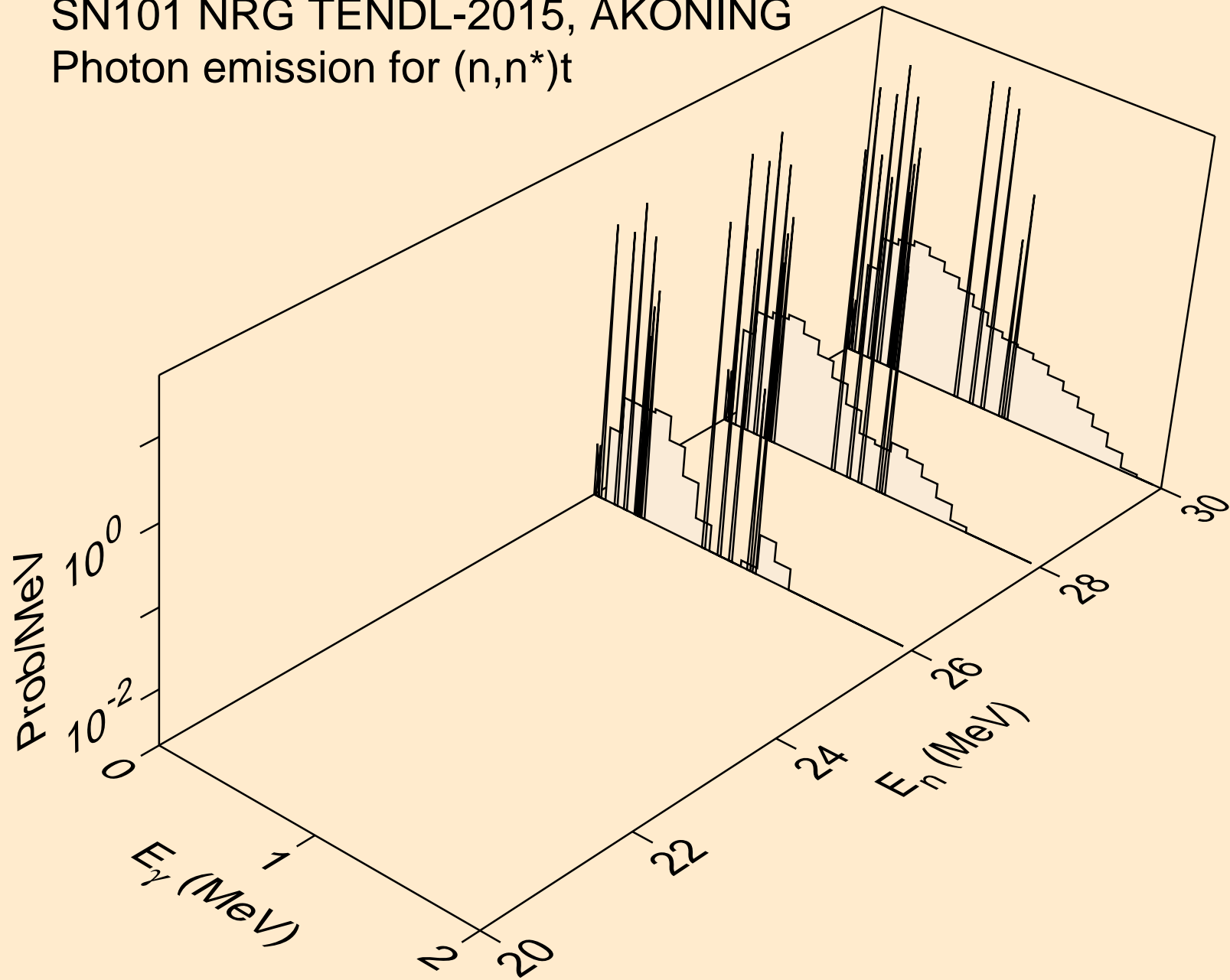
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



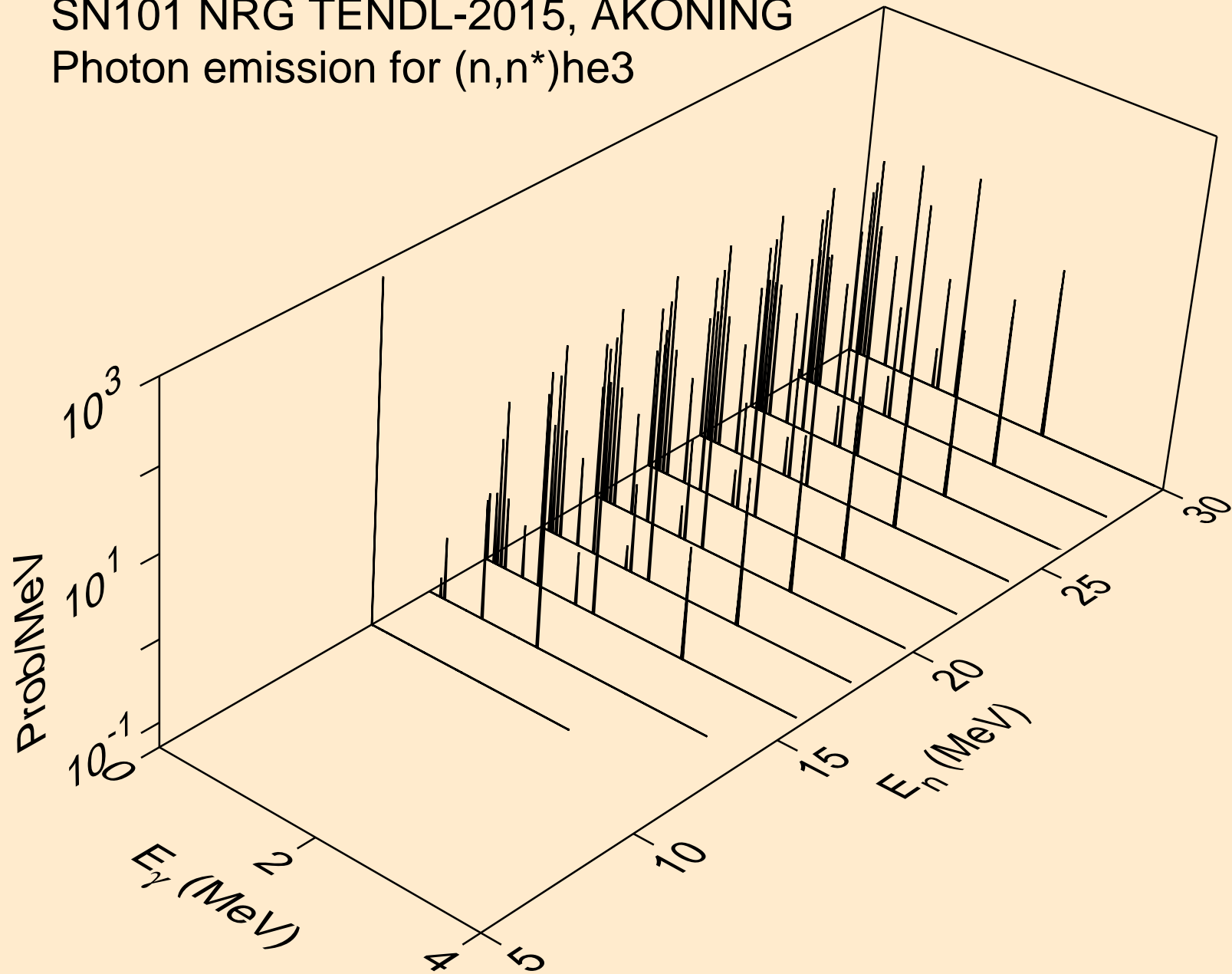
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



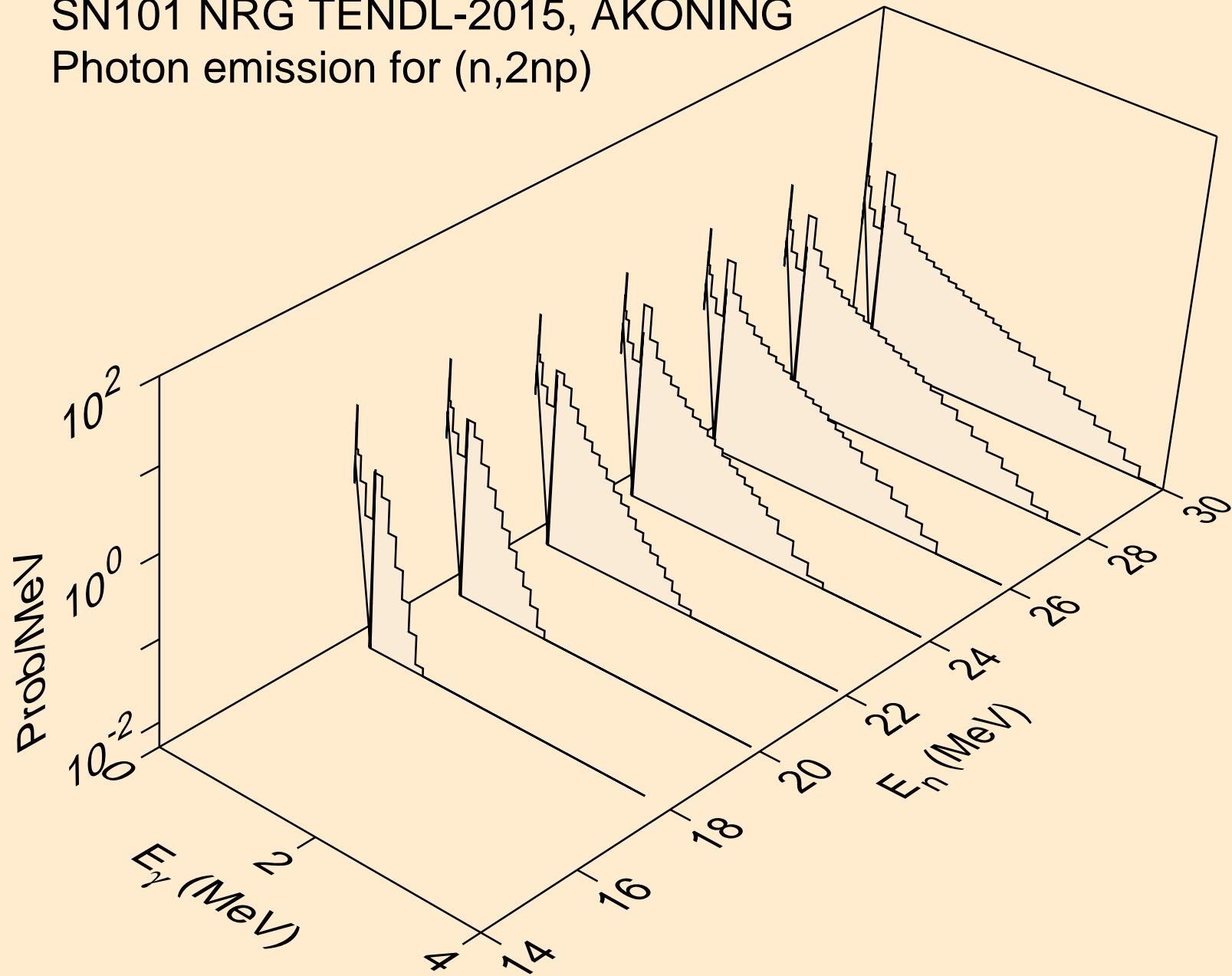
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



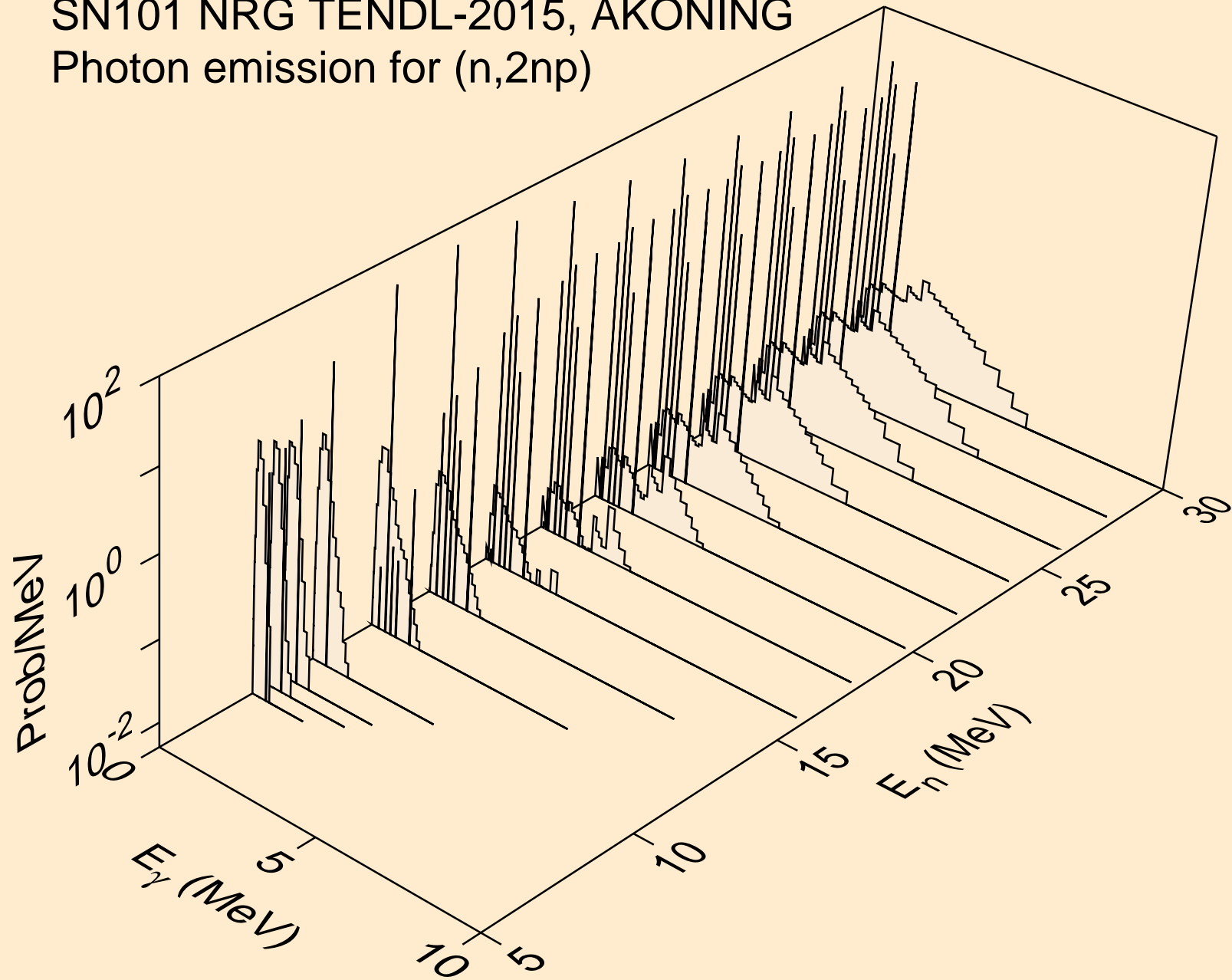
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

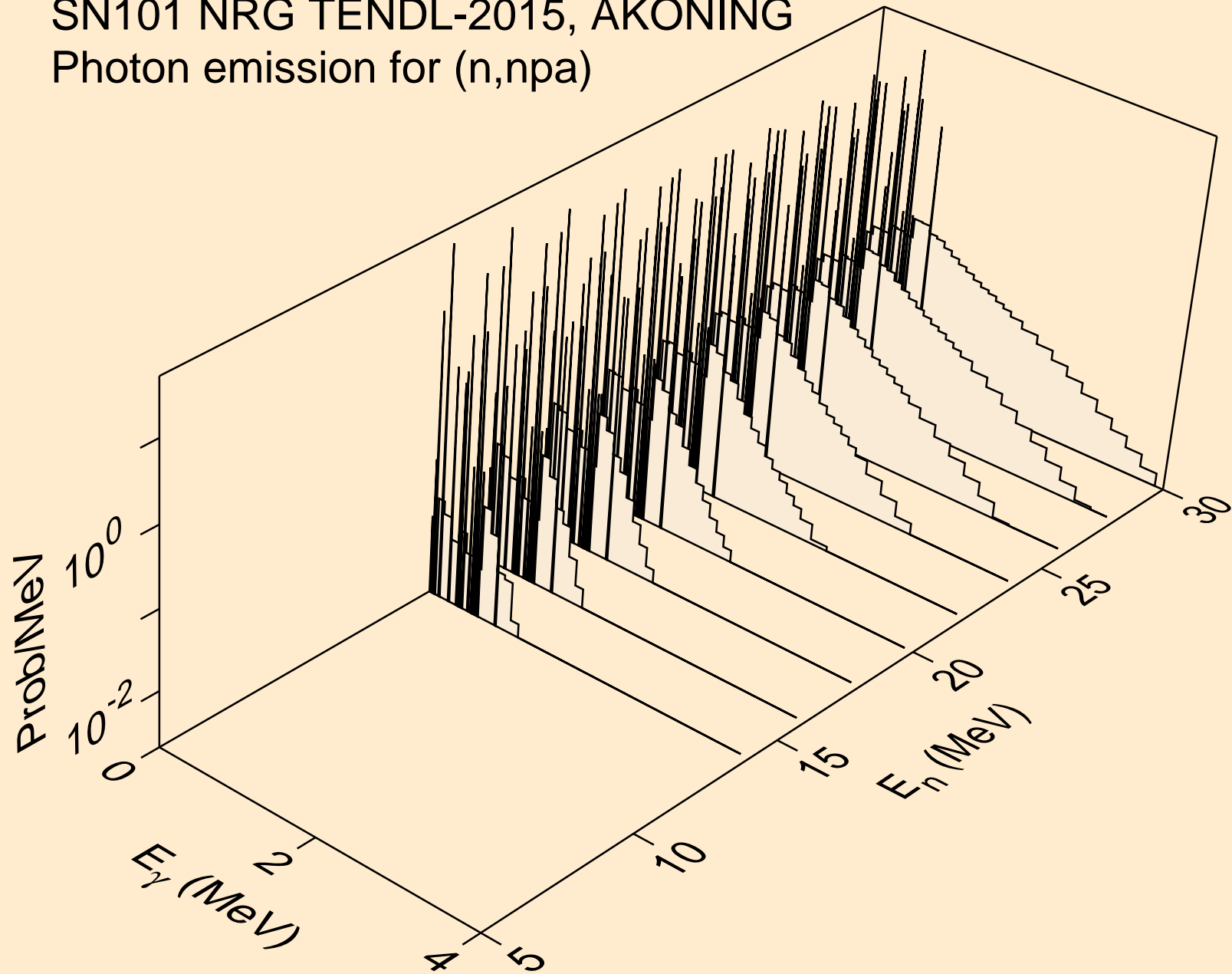


SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

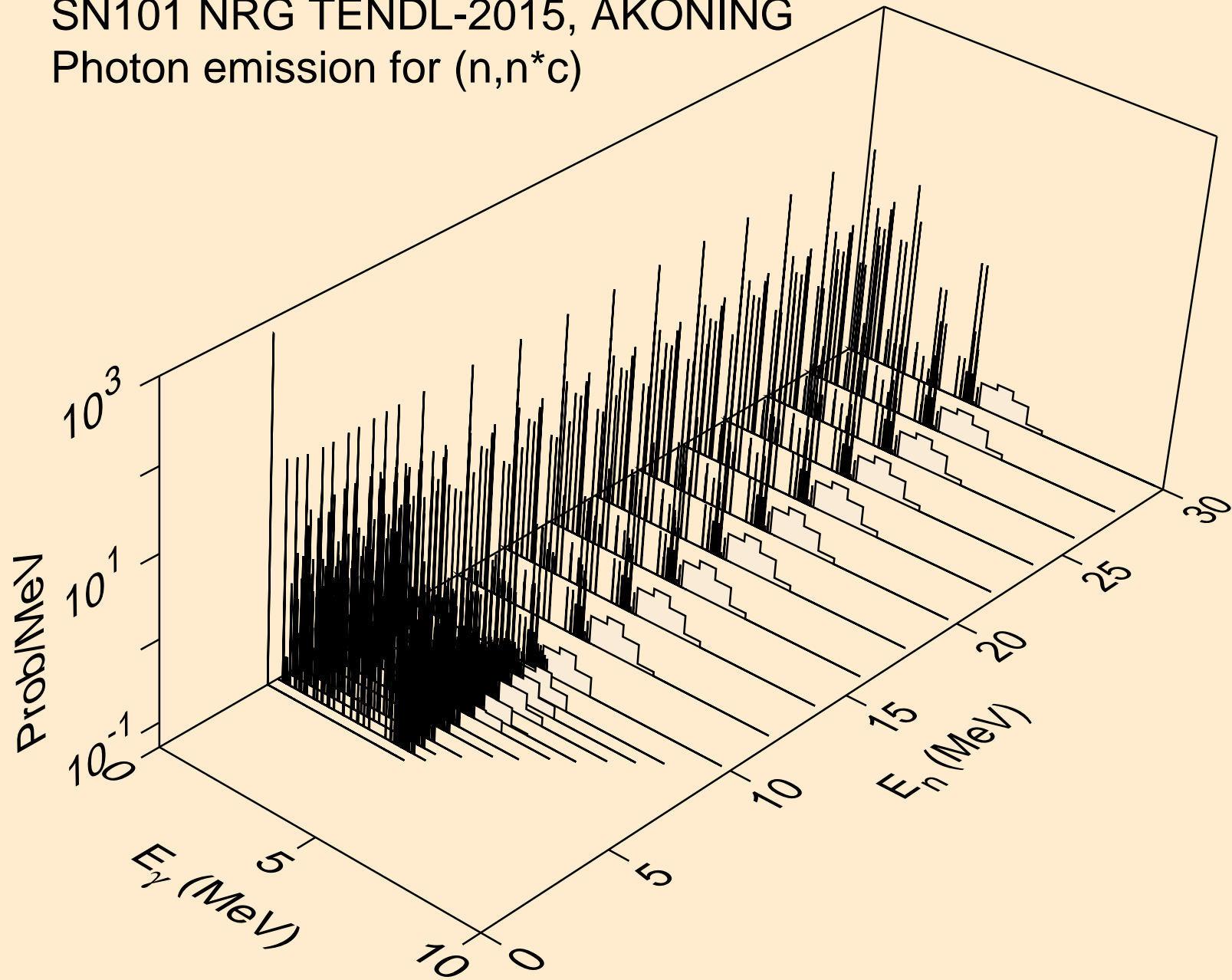




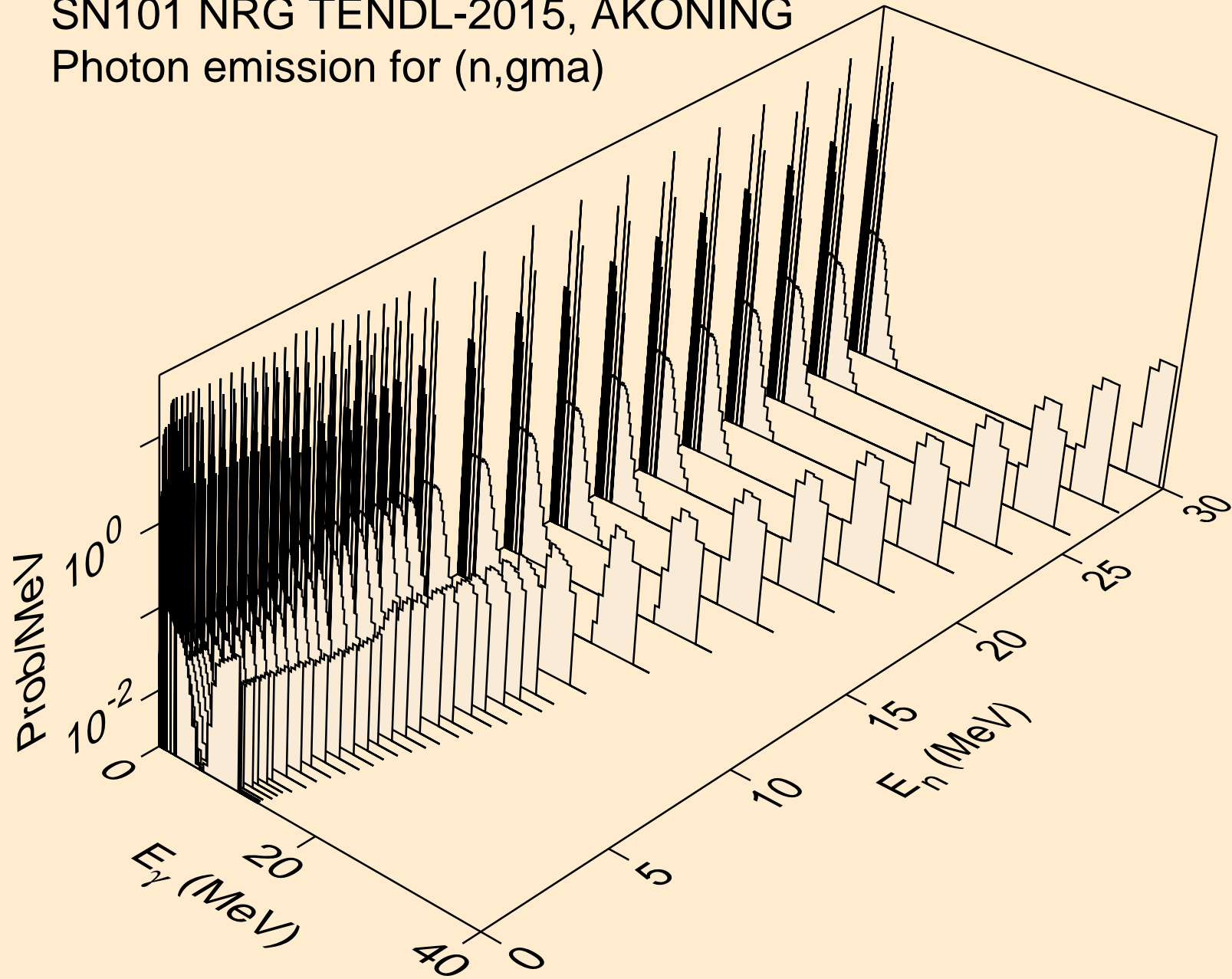
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



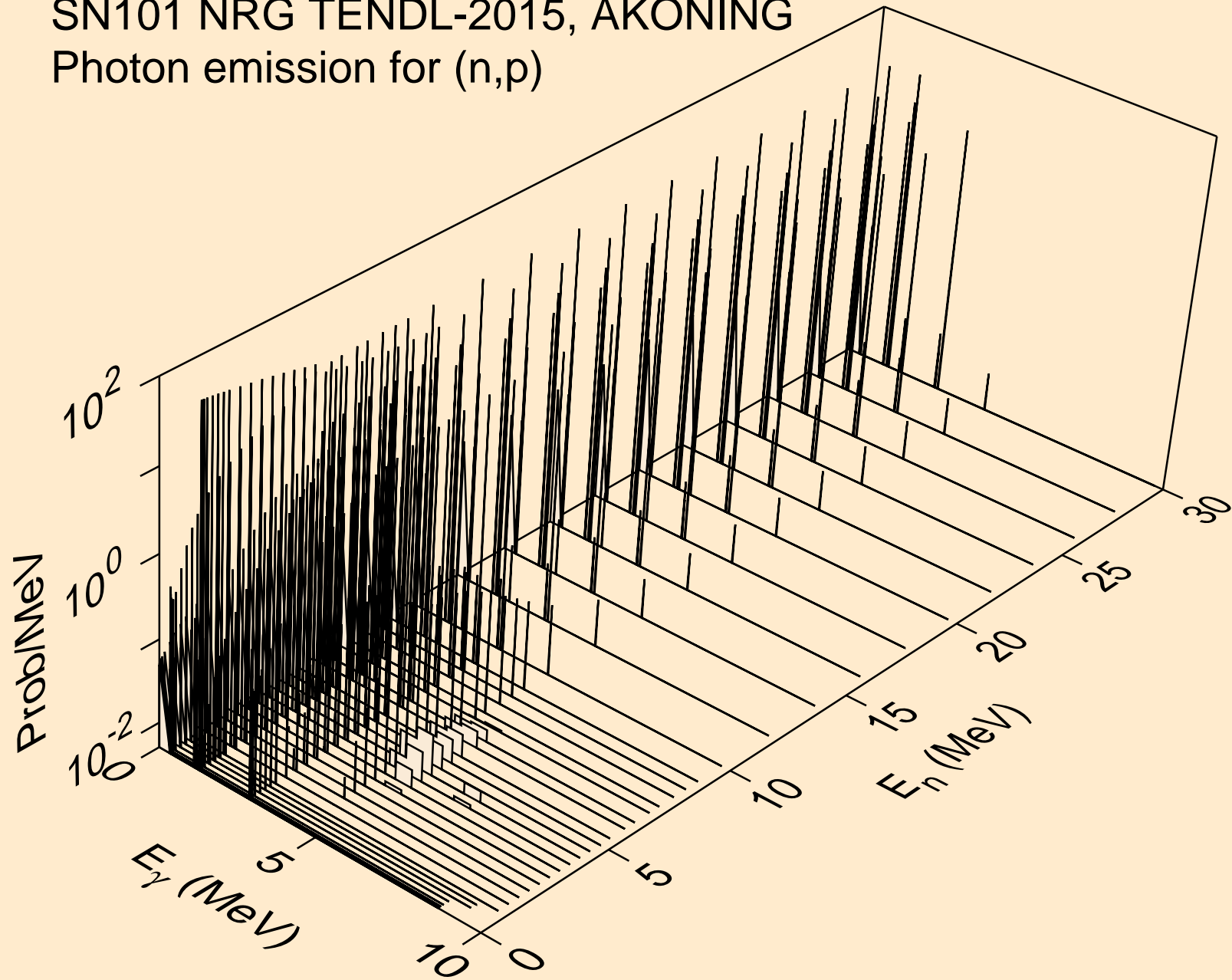
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



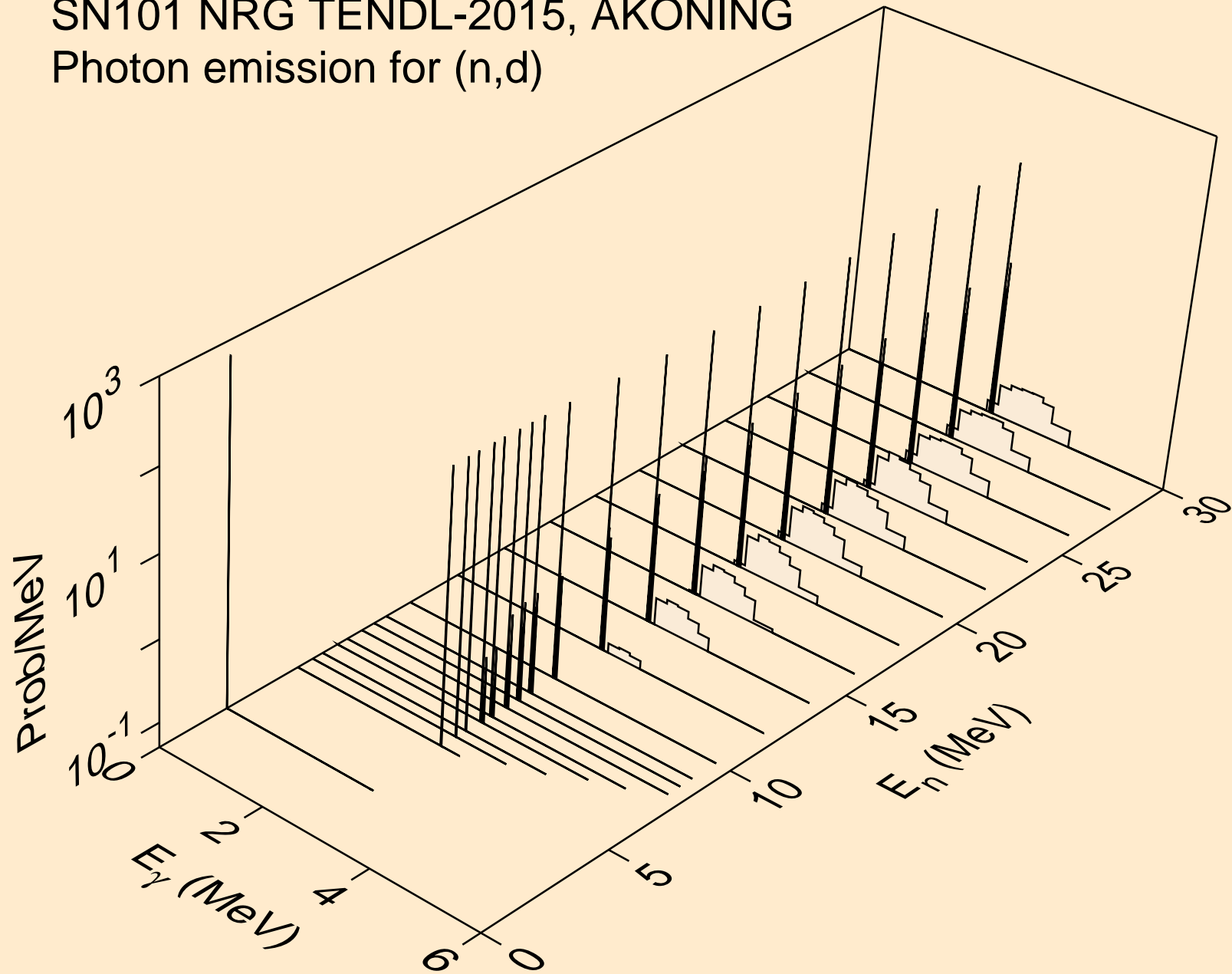
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



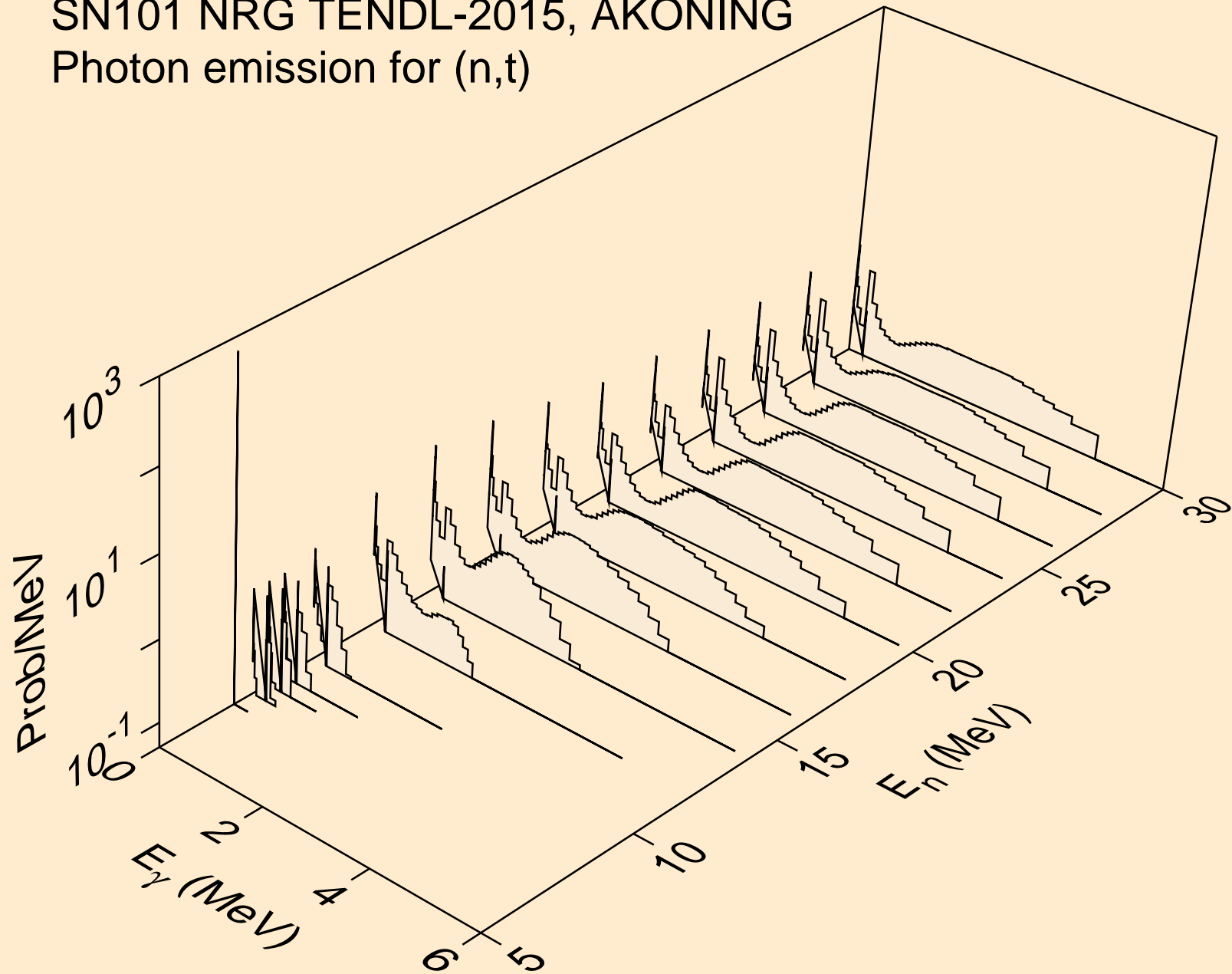
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



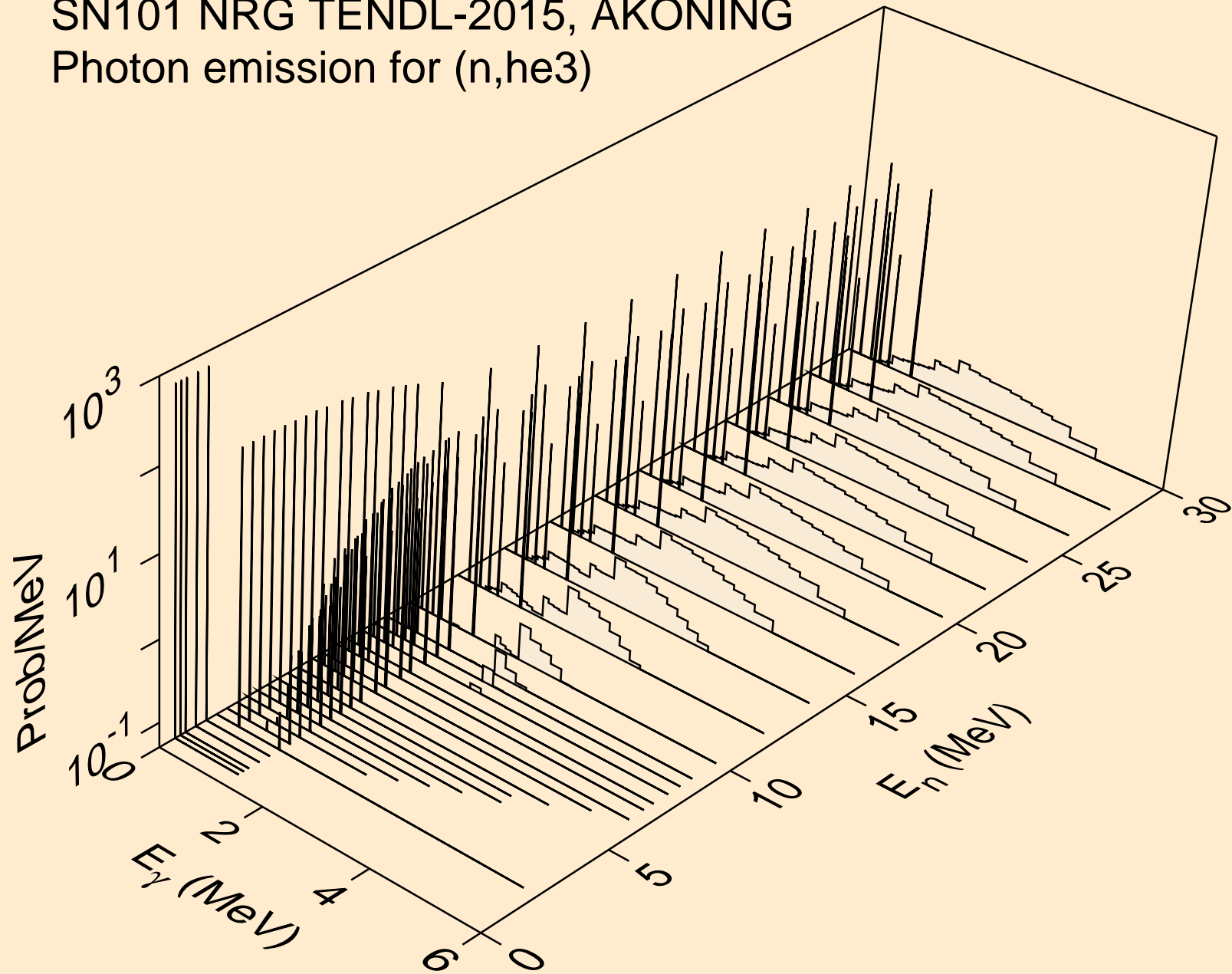
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



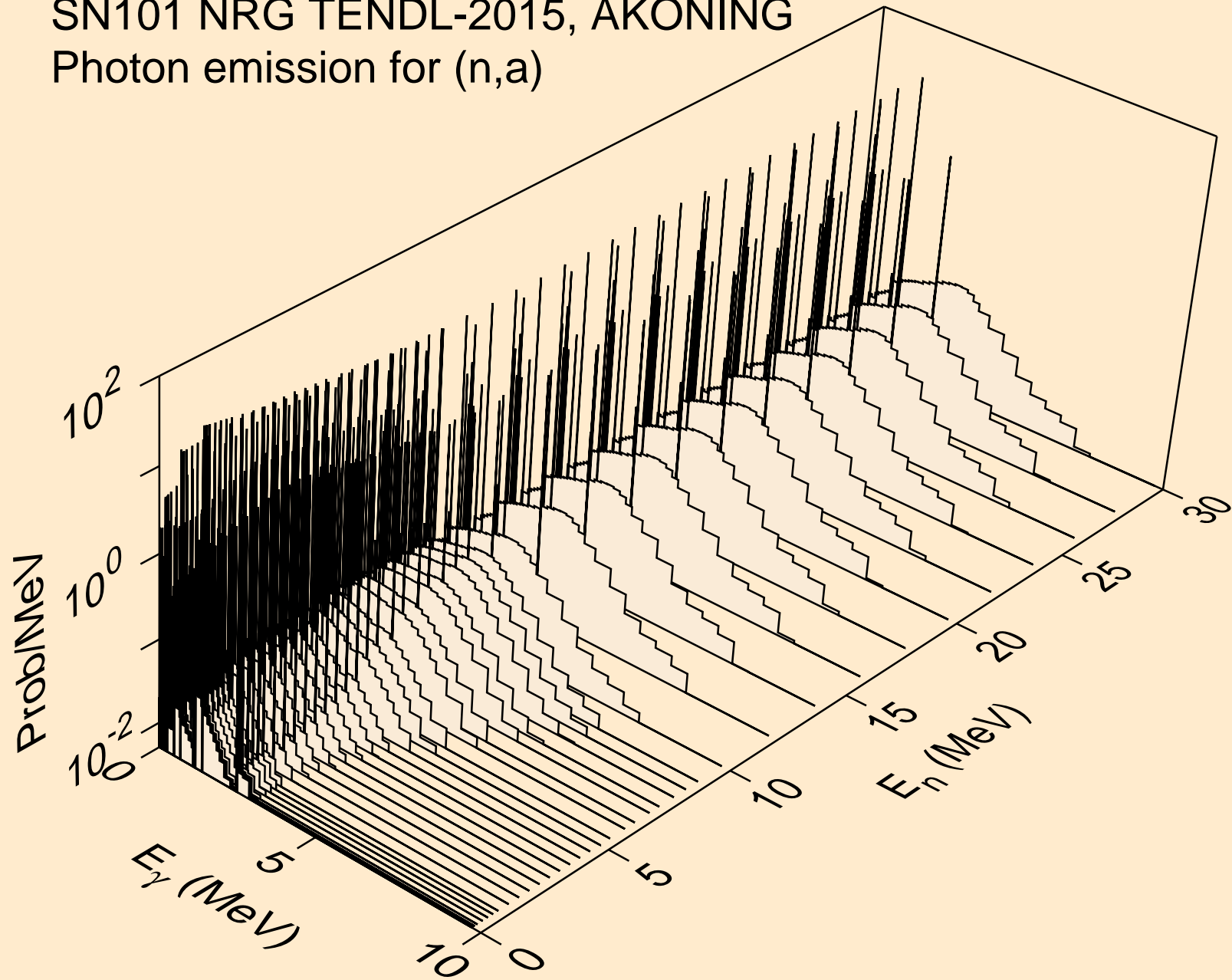
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

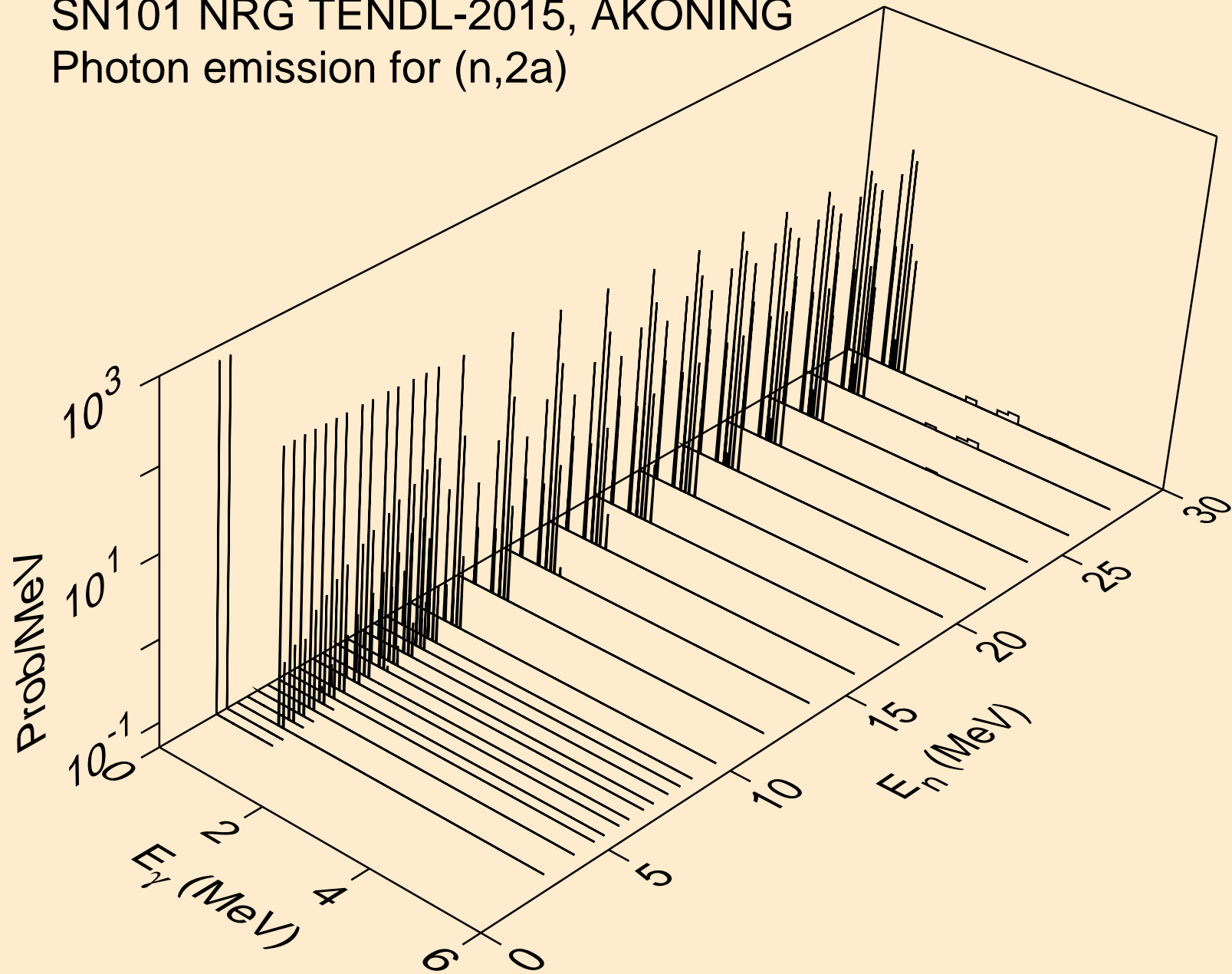


SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

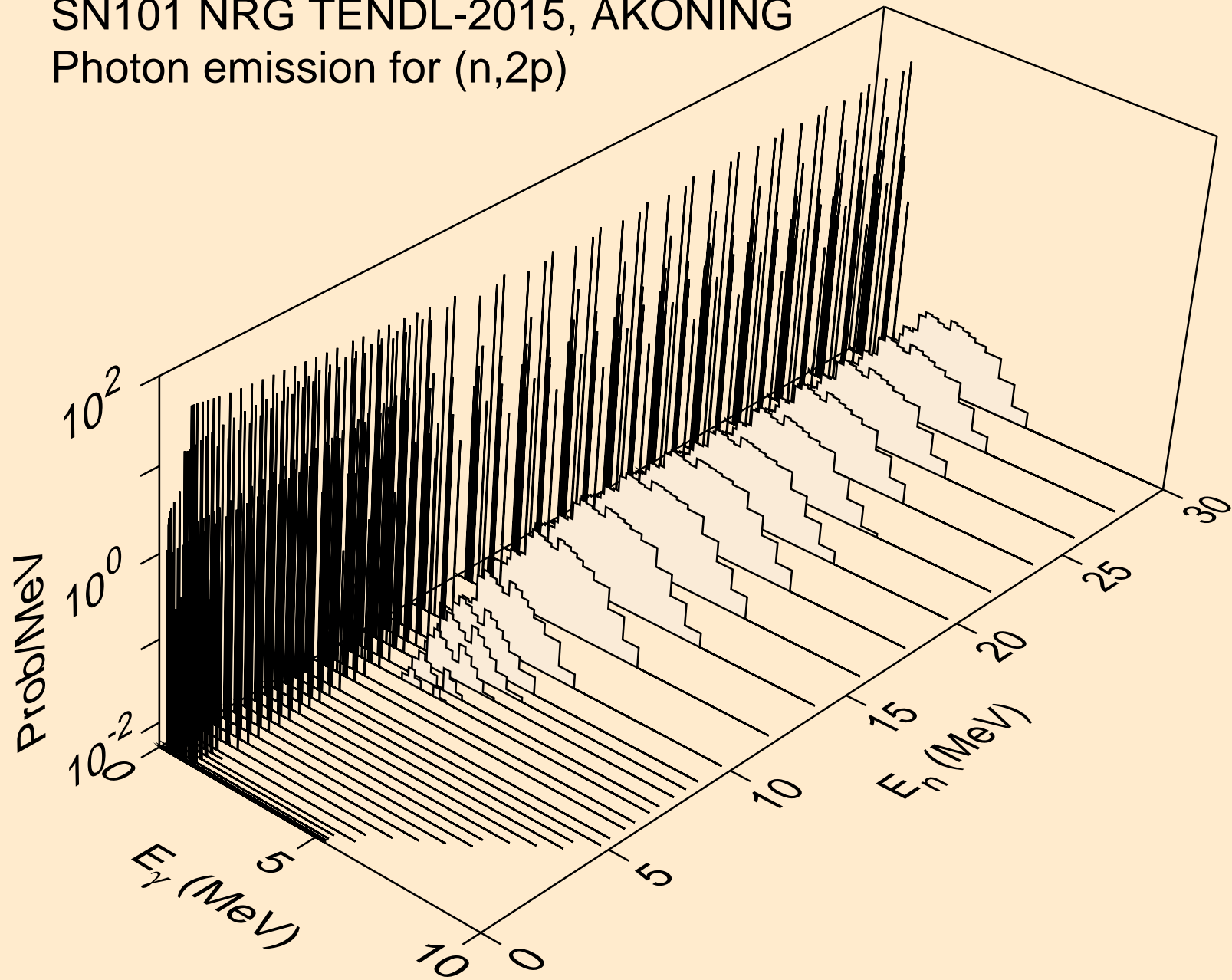




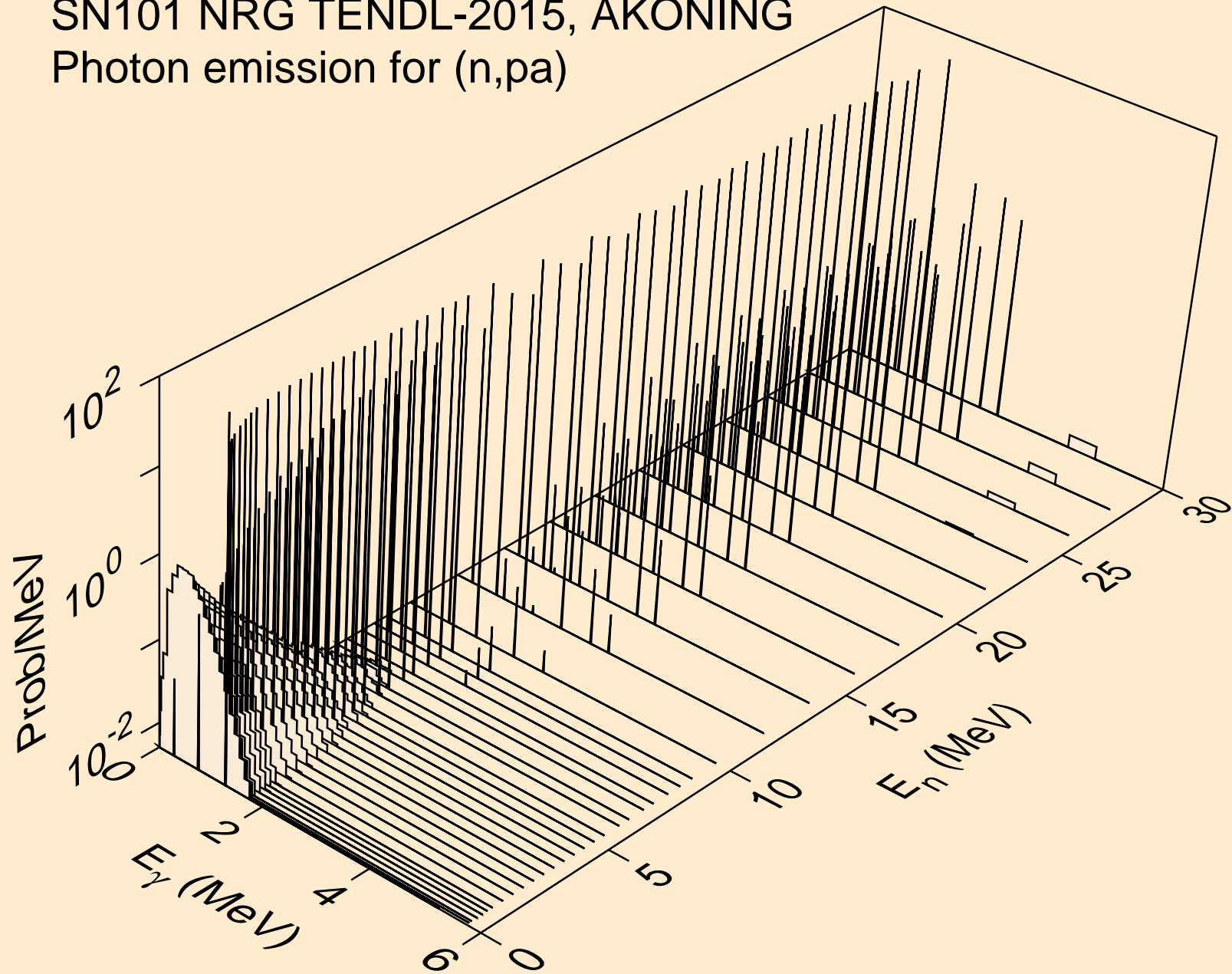
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



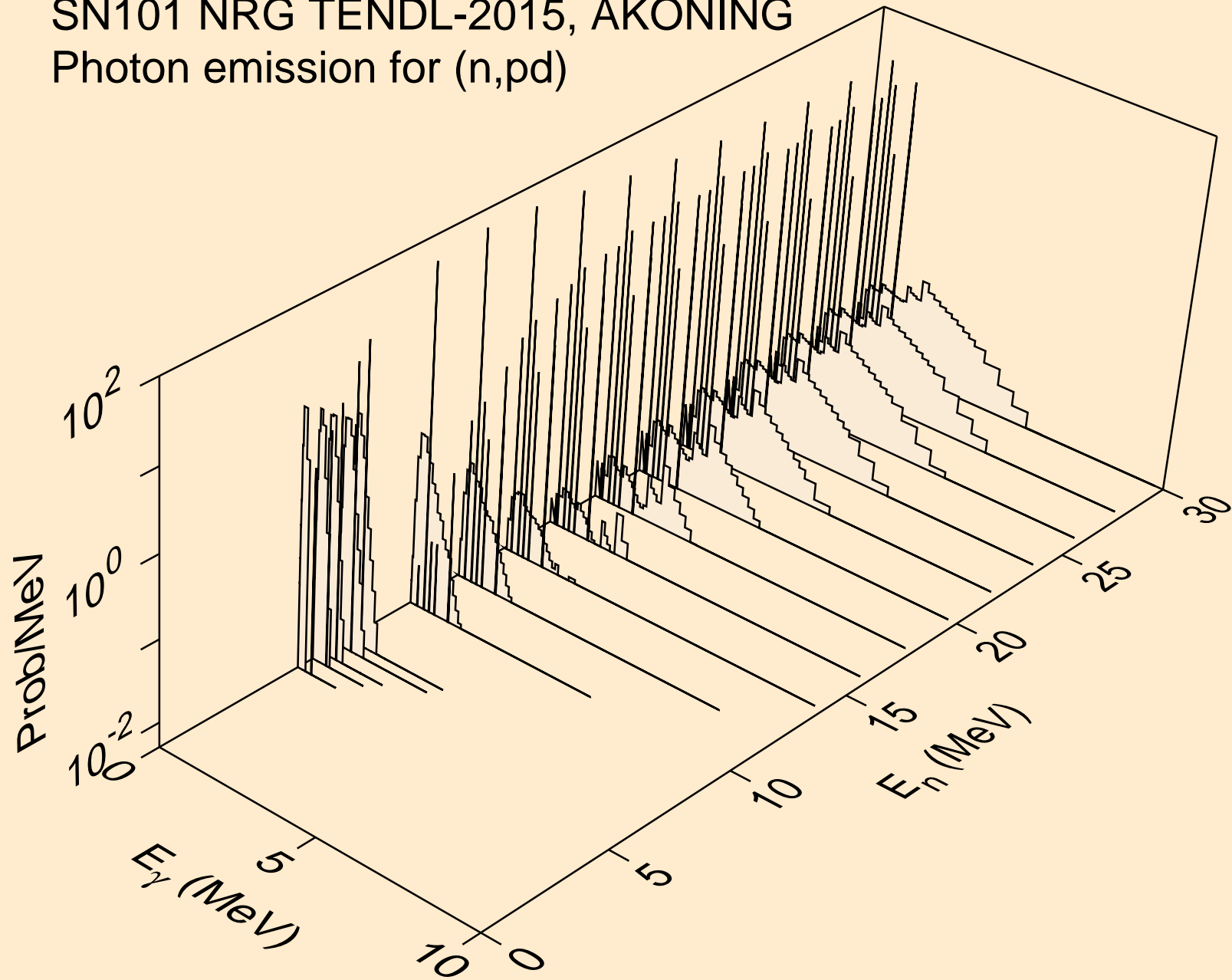
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



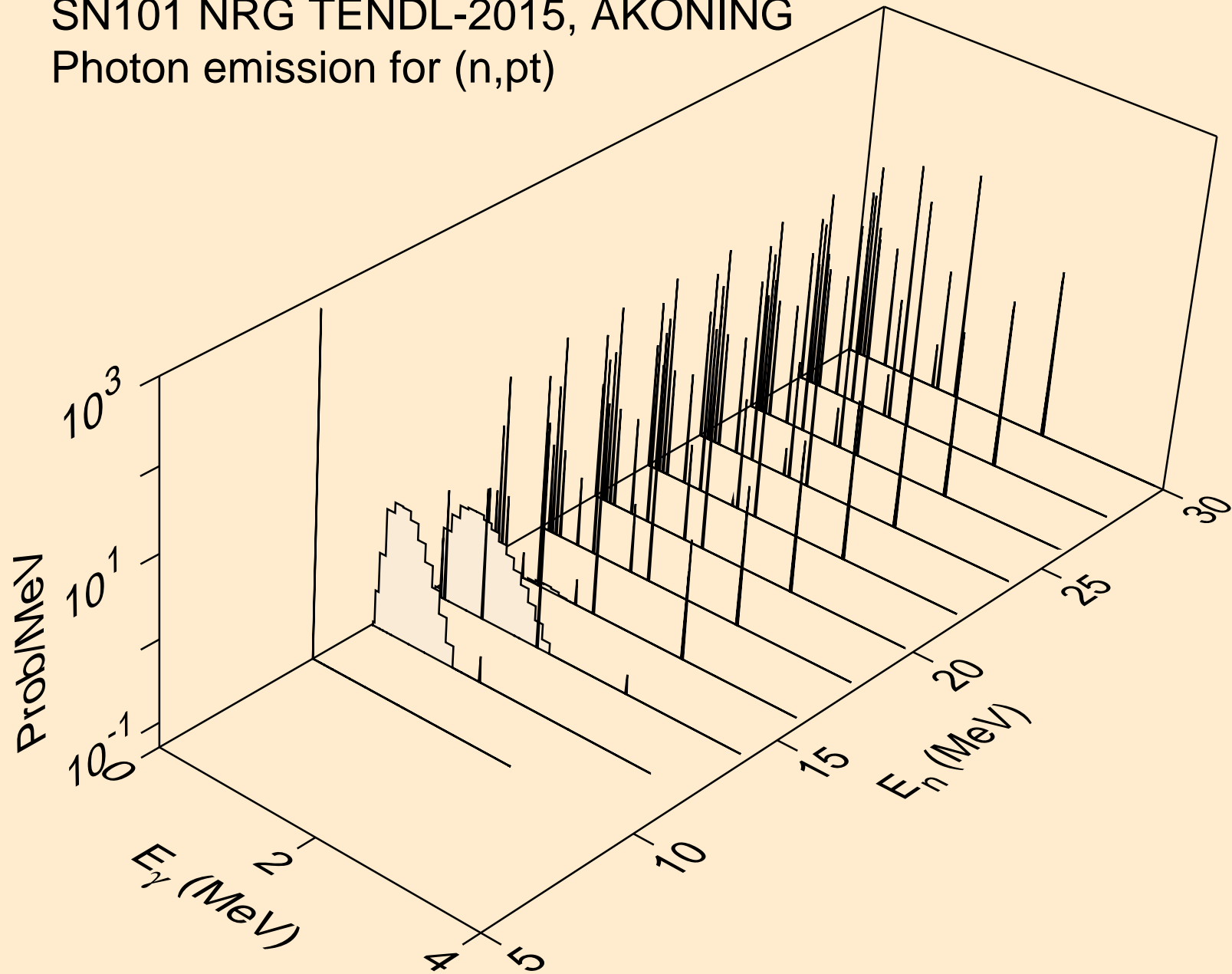
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



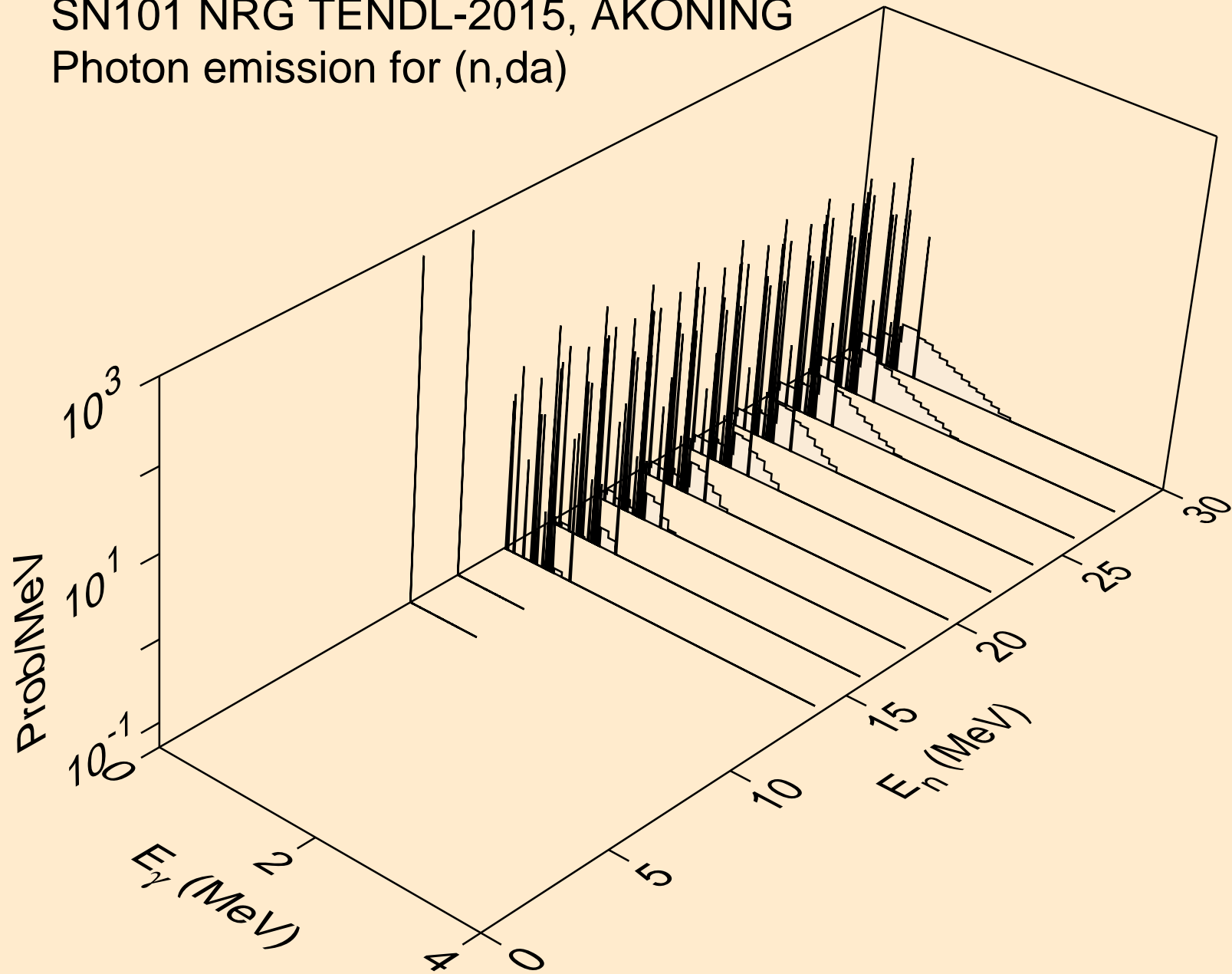
SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

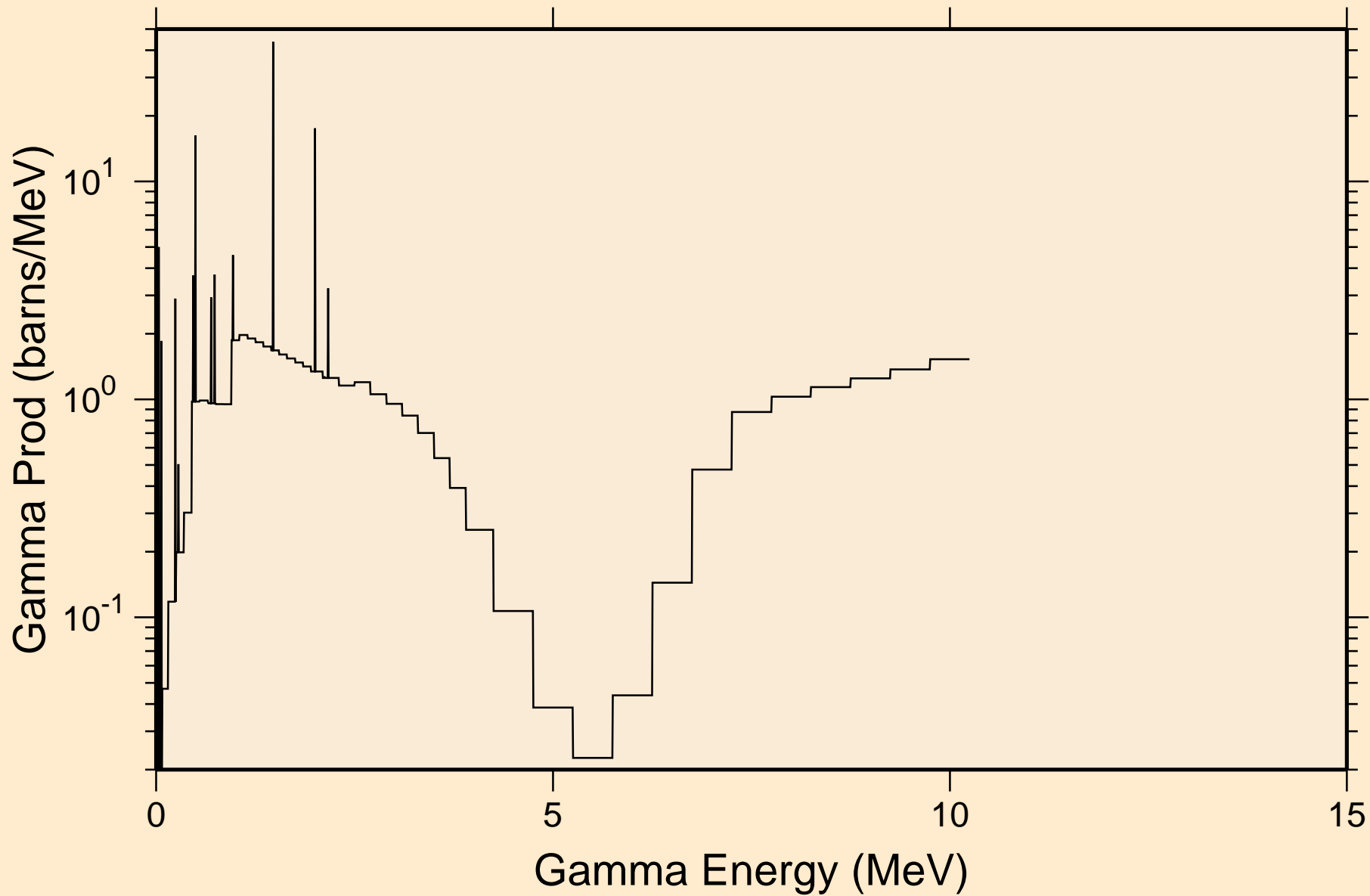


SN101 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

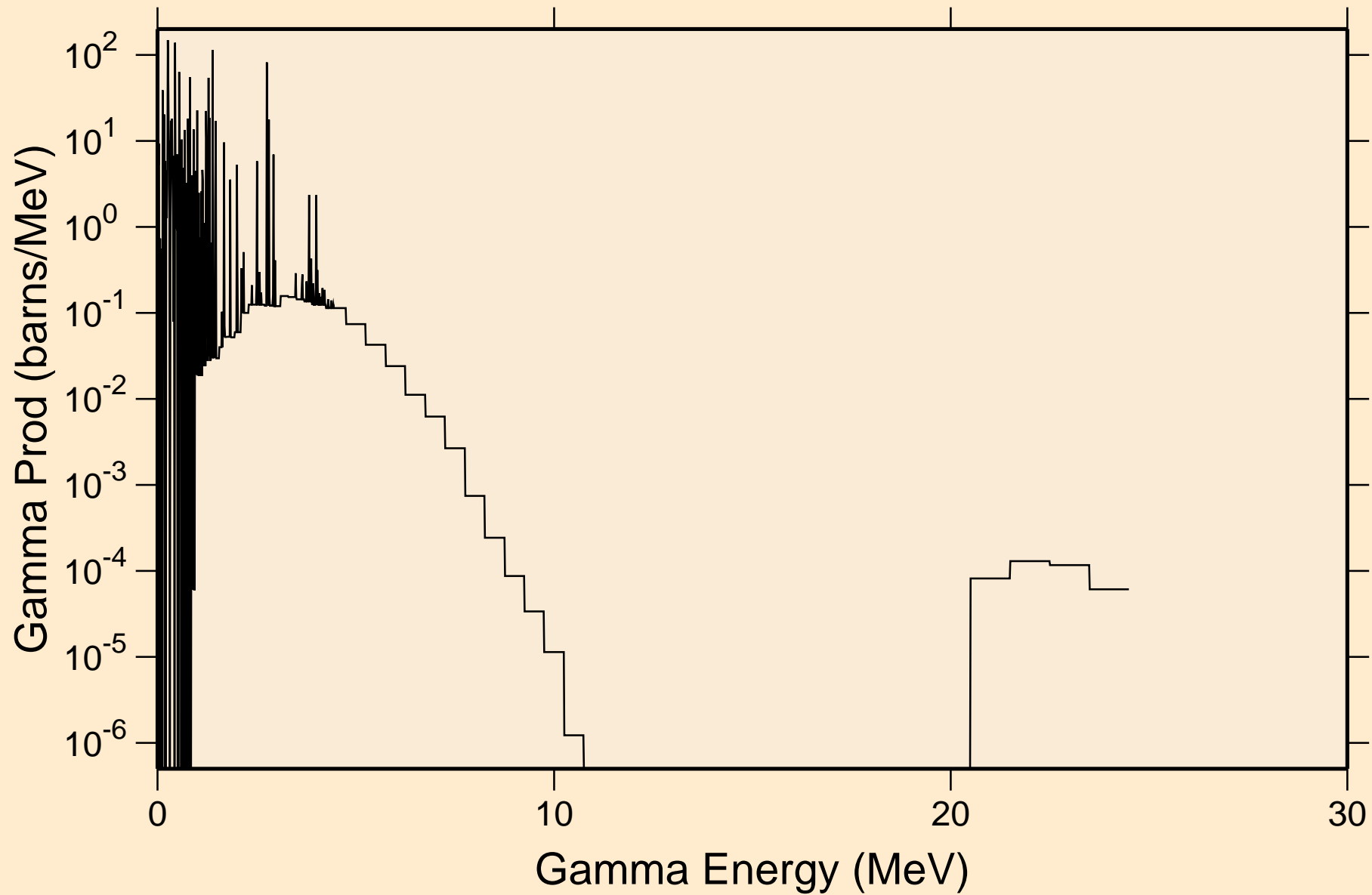


# SN101 NRG TENDL-2015, AKONING

## thermal capture photon spectrum



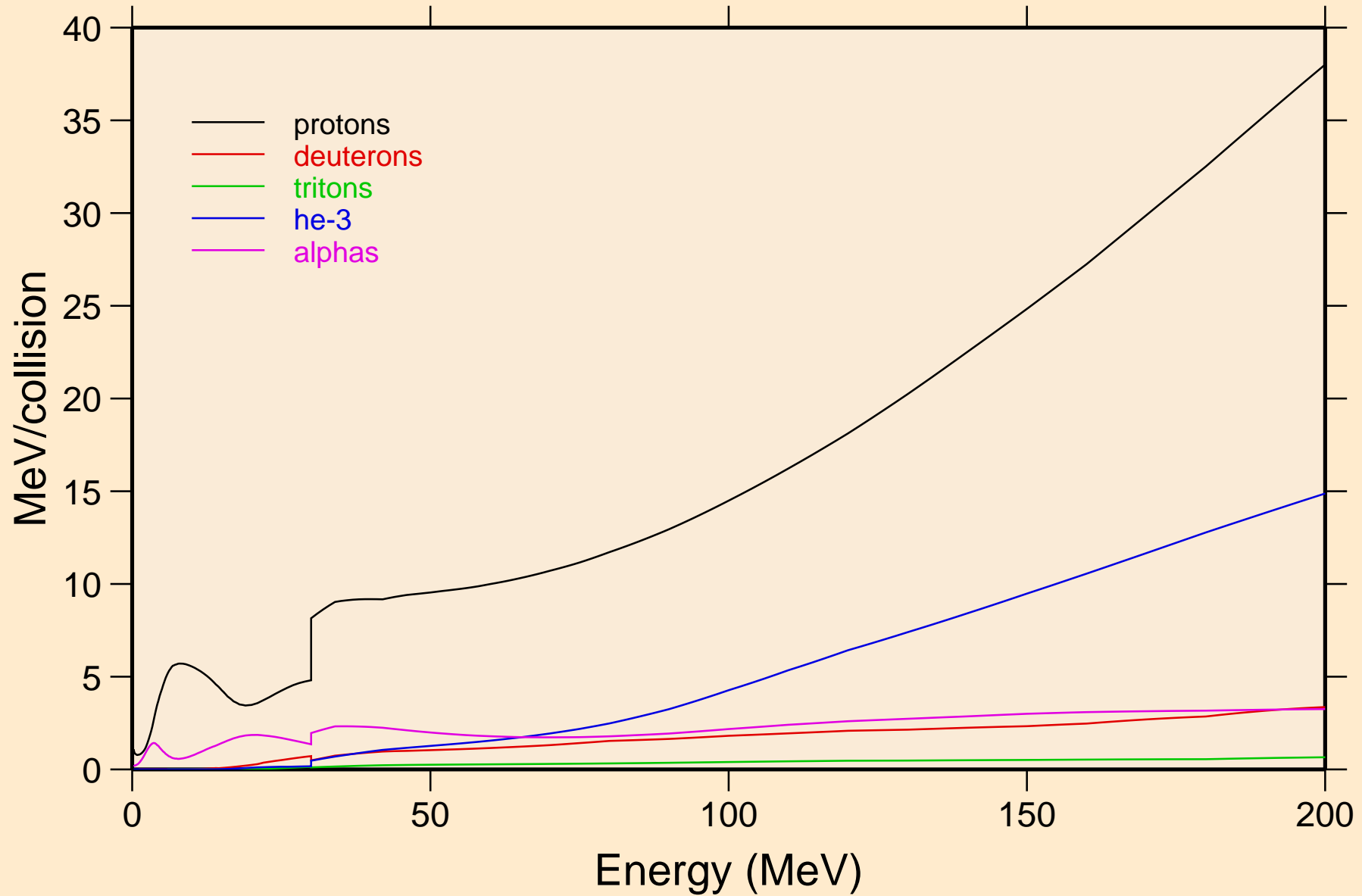
SN101 NRG TENDL-2015, AKONING  
14 MeV photon spectrum





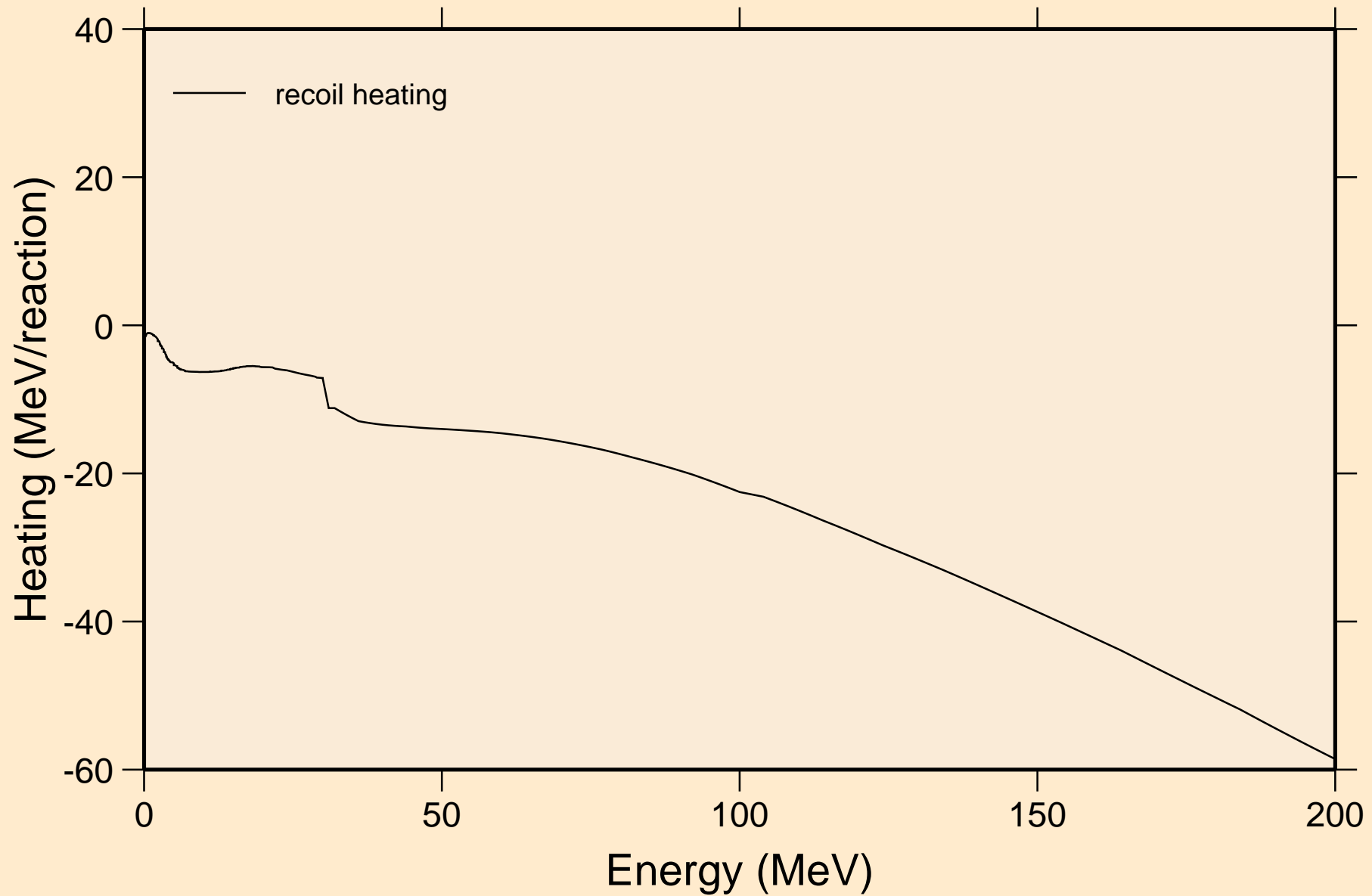
# SN101 NRG TENDL-2015, AKONING

## Particle heating contributions



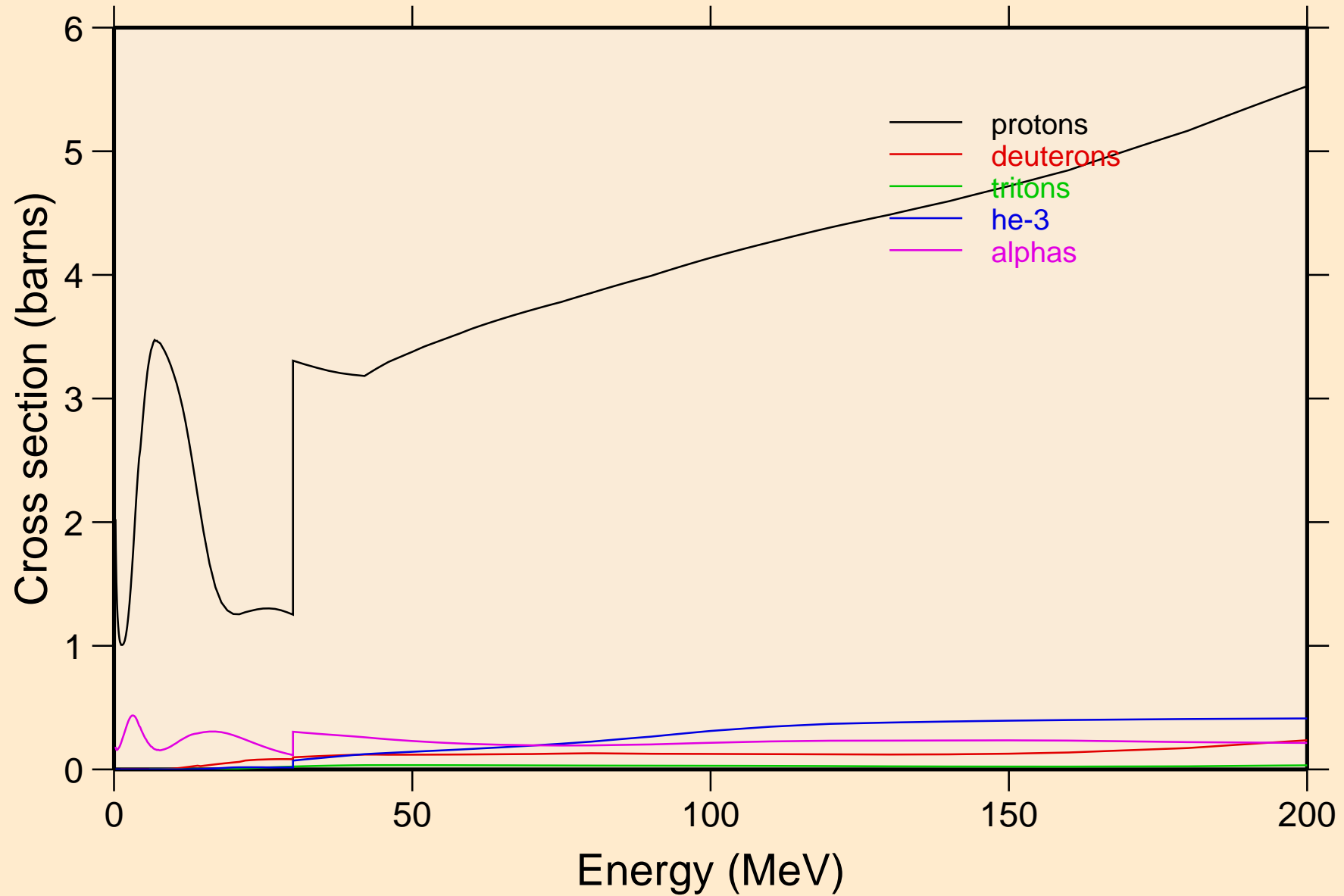
# SN101 NRG TENDL-2015, AKONING

## Recoil Heating

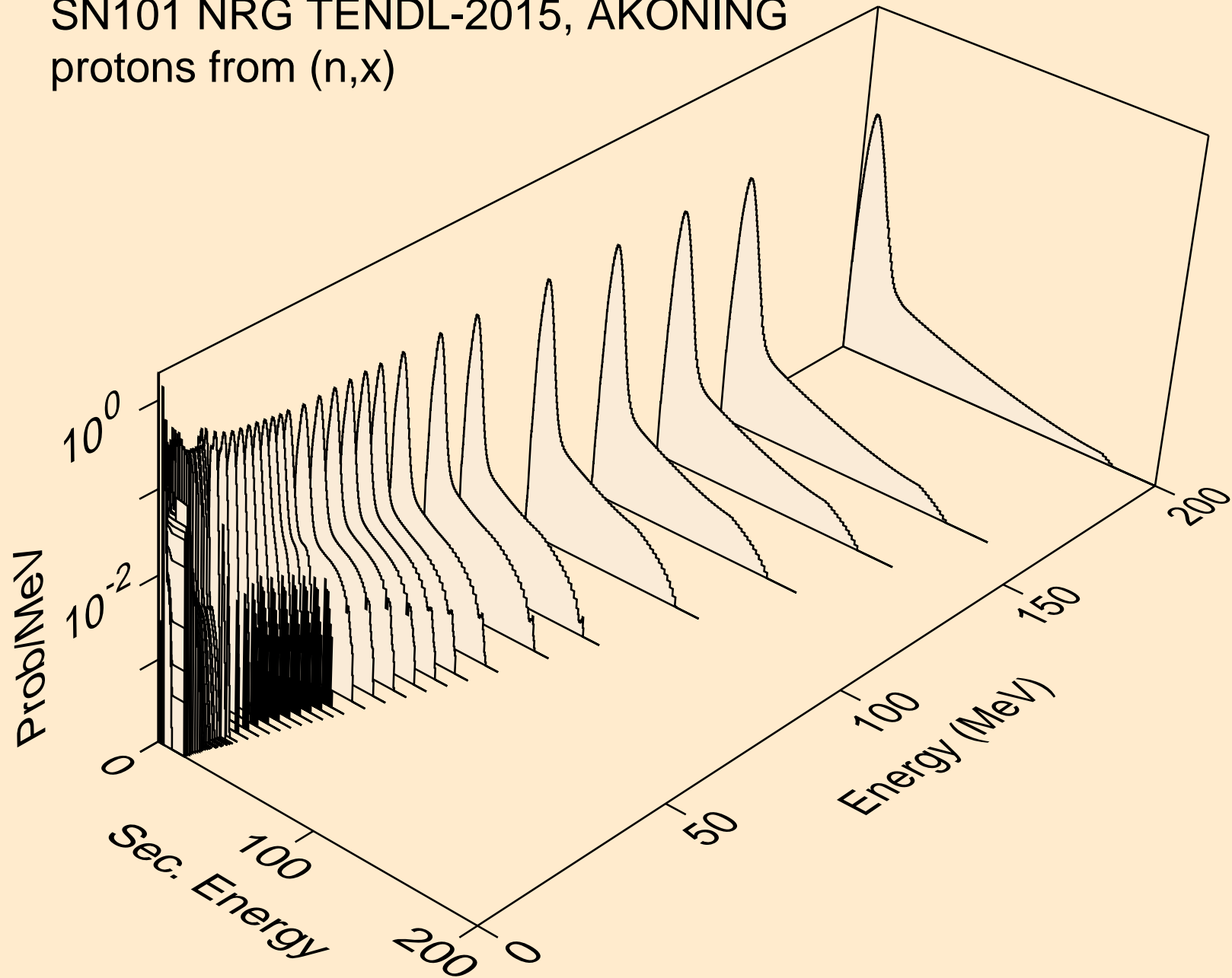


# SN101 NRG TENDL-2015, AKONING

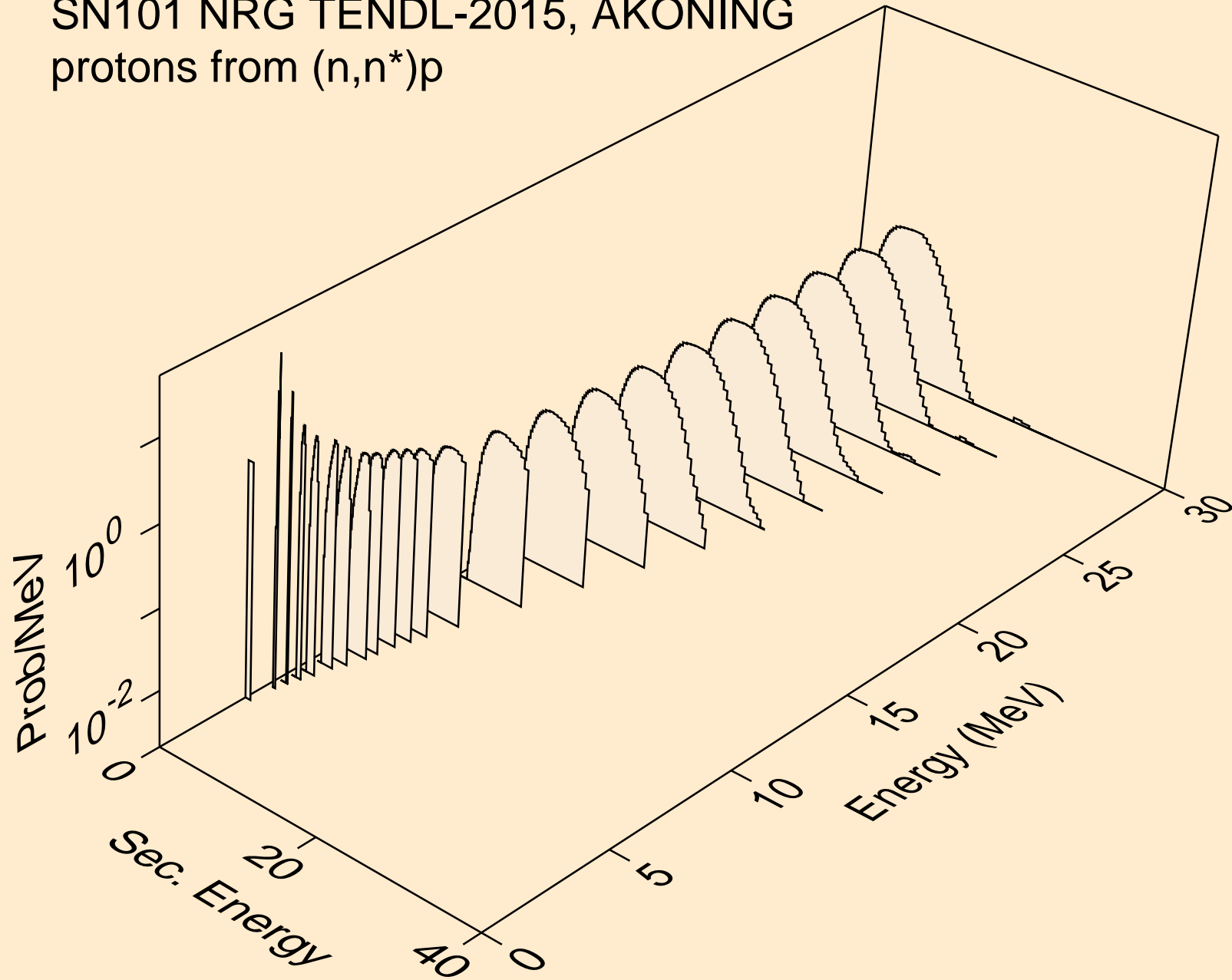
## Particle production cross sections



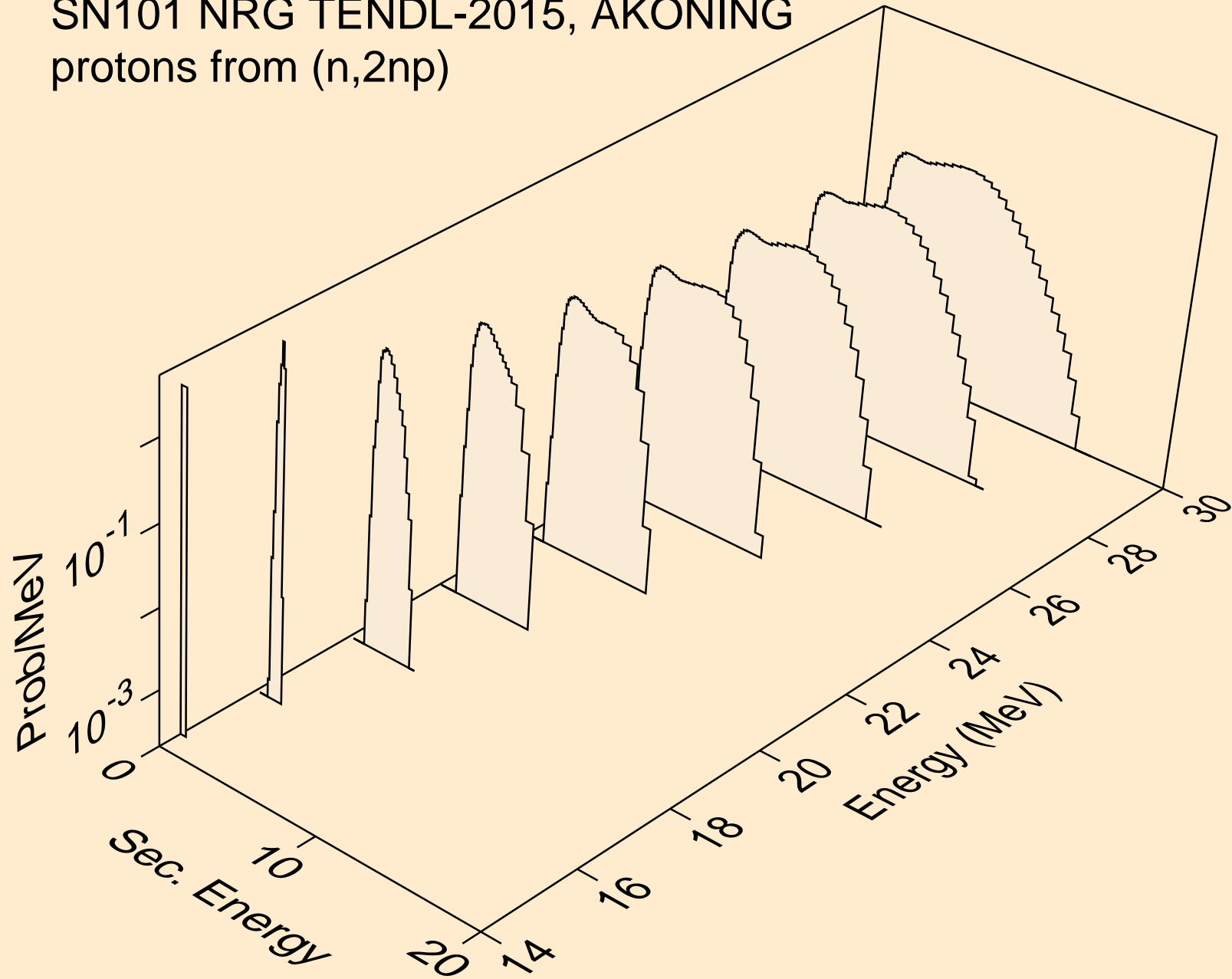
SN101 NRG TENDL-2015, AKONING  
protons from (n,x)



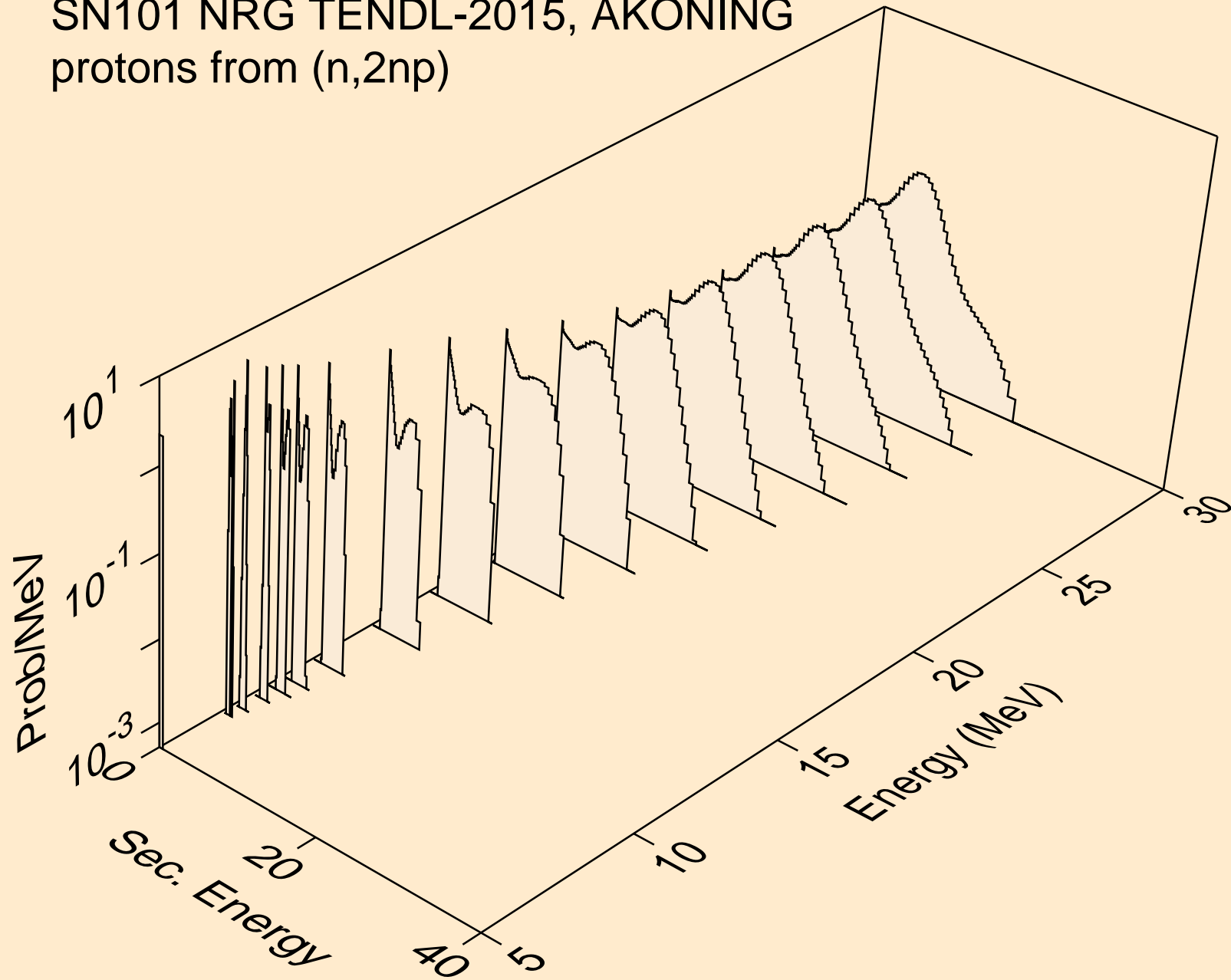
SN101 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



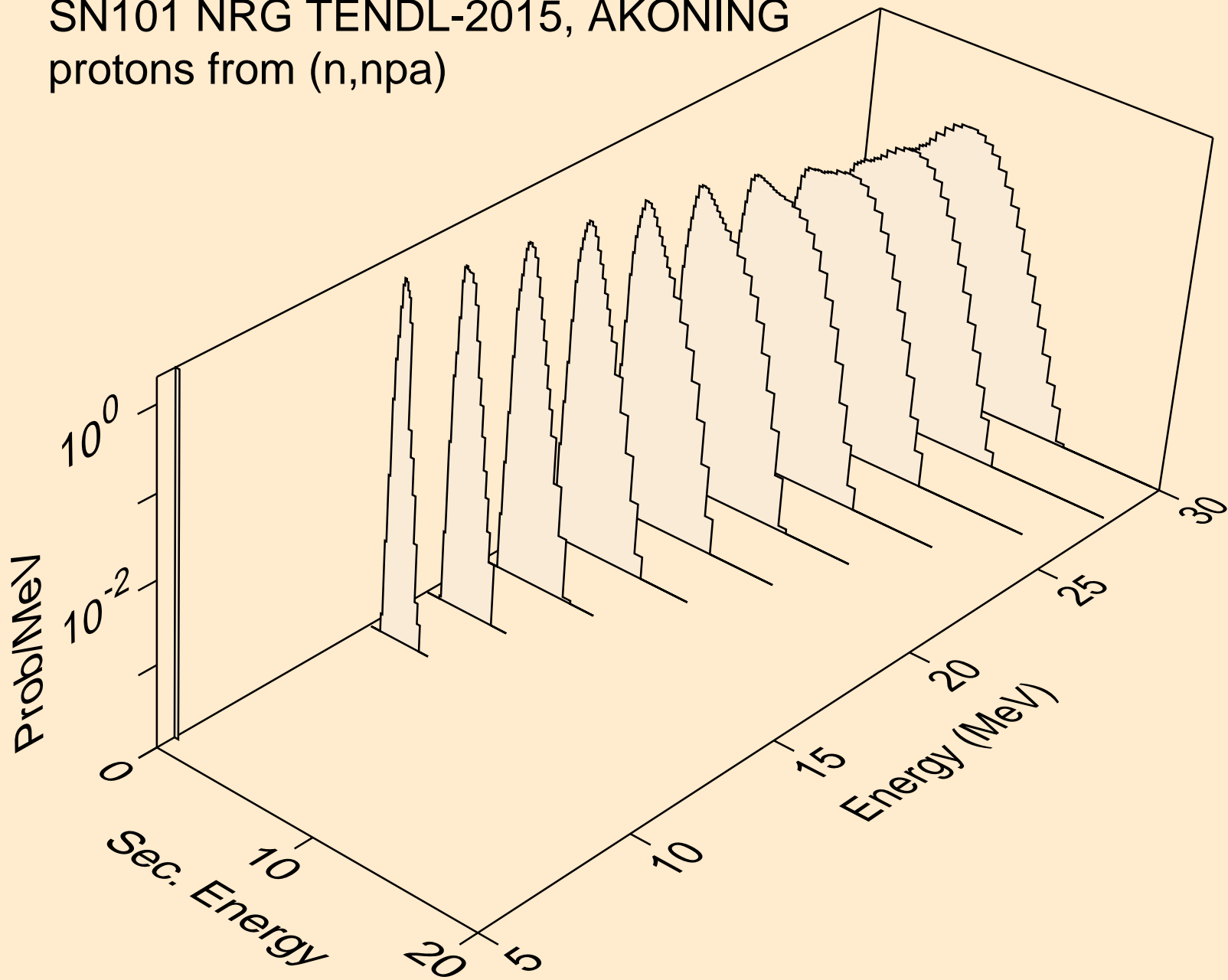
SN101 NRG TENDL-2015, AKONING  
protons from (n,2np)



SN101 NRG TENDL-2015, AKONING  
protons from (n,2np)

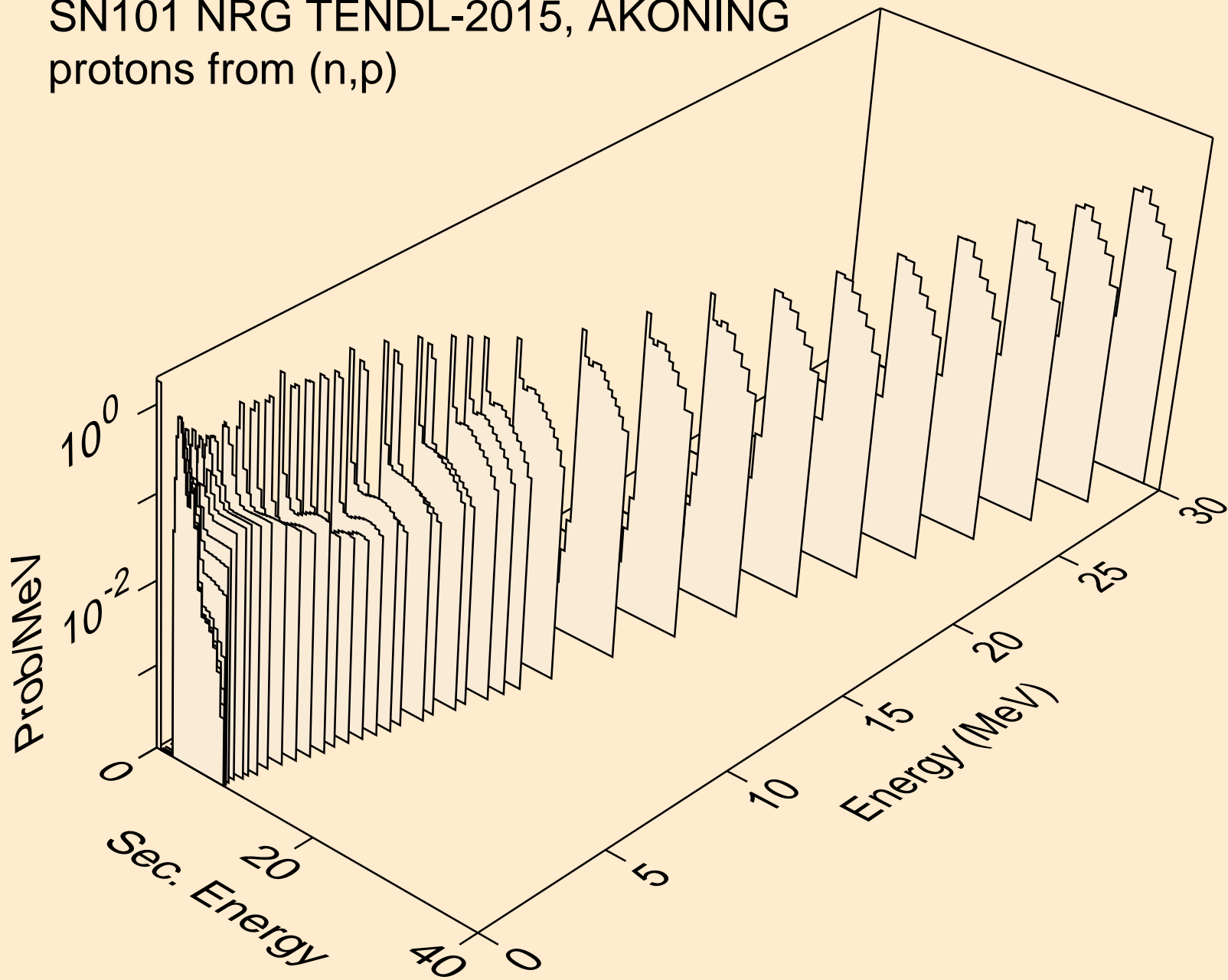


SN101 NRG TENDL-2015, AKONING  
protons from (n,npa)

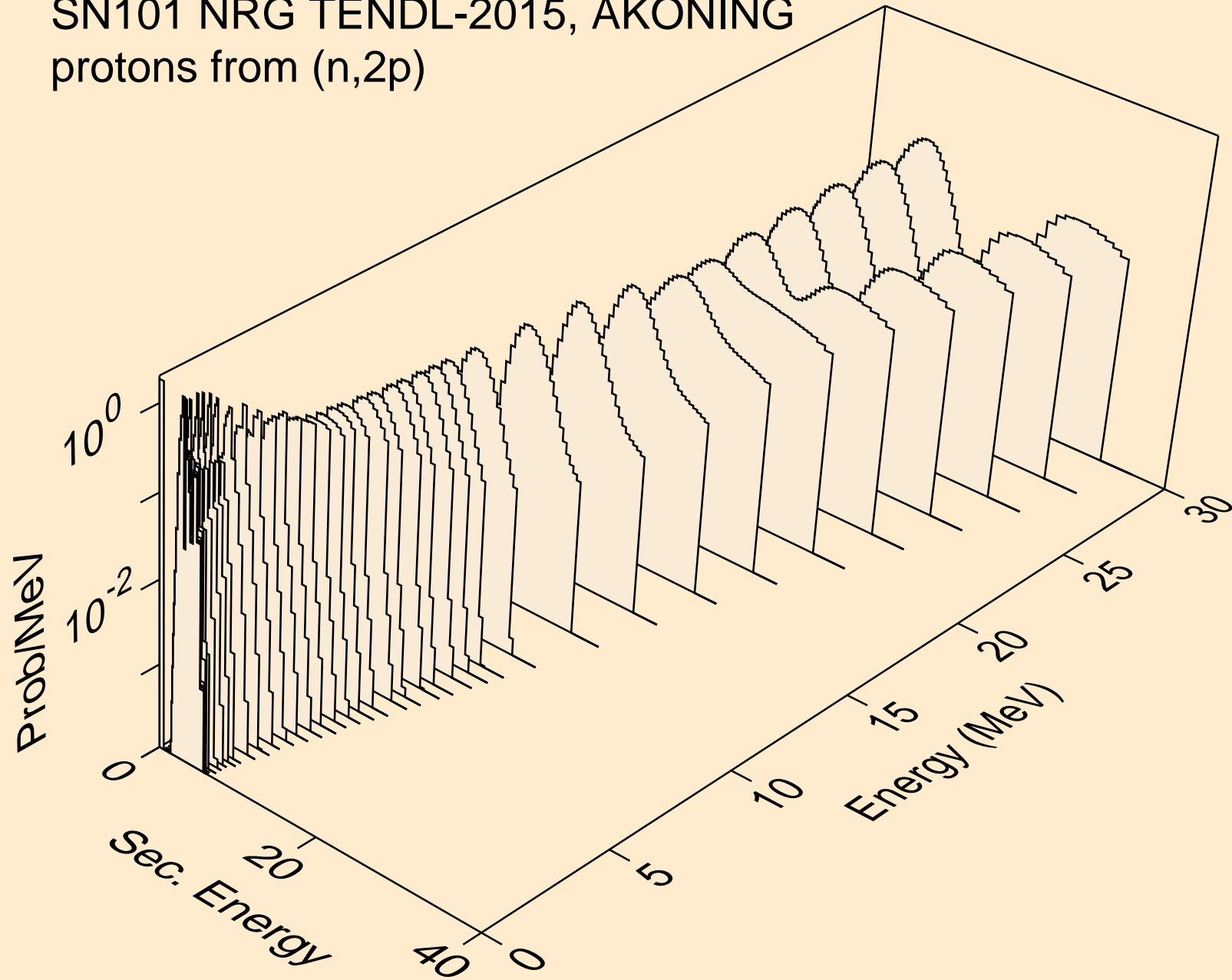




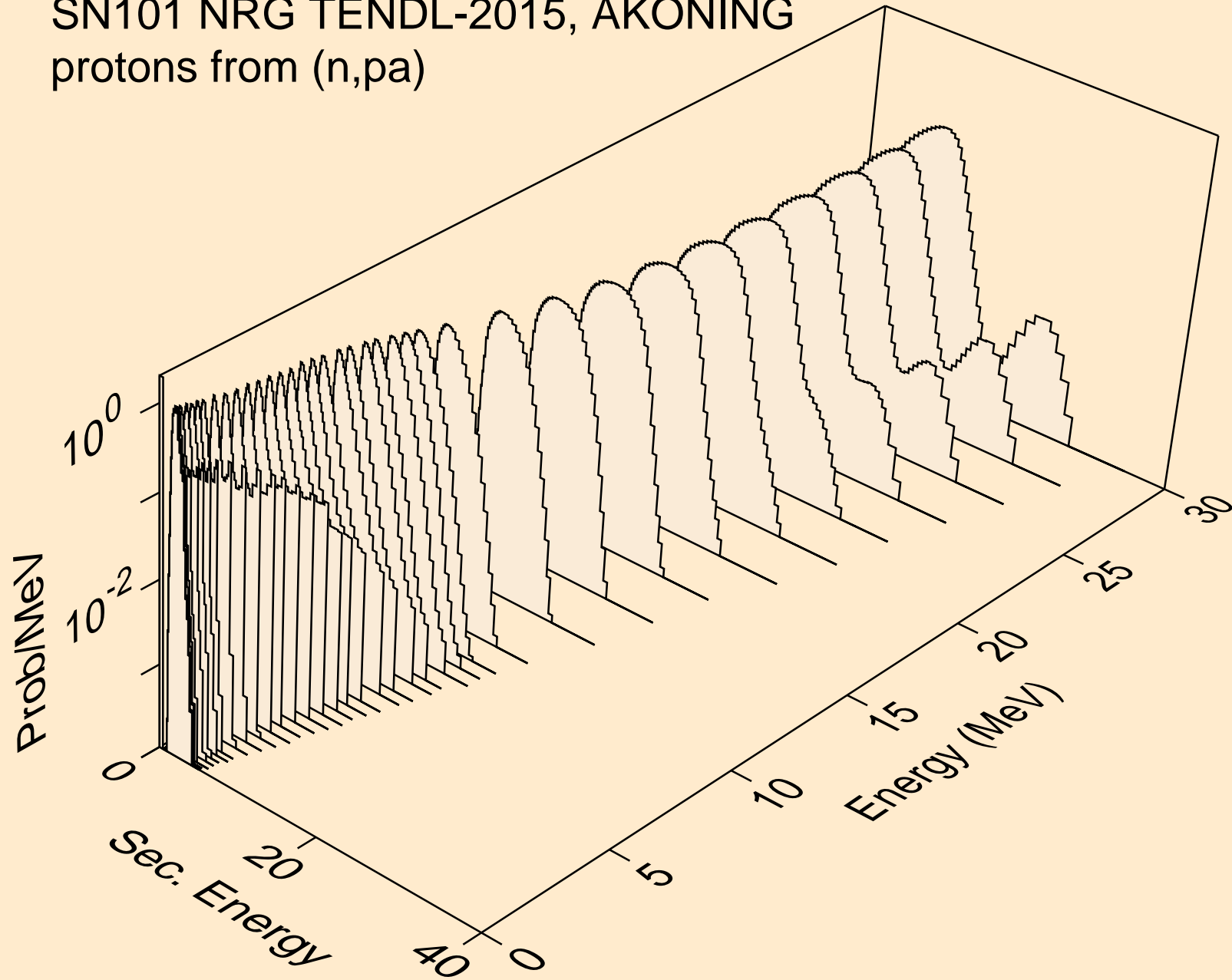
SN101 NRG TENDL-2015, AKONING  
protons from (n,p)



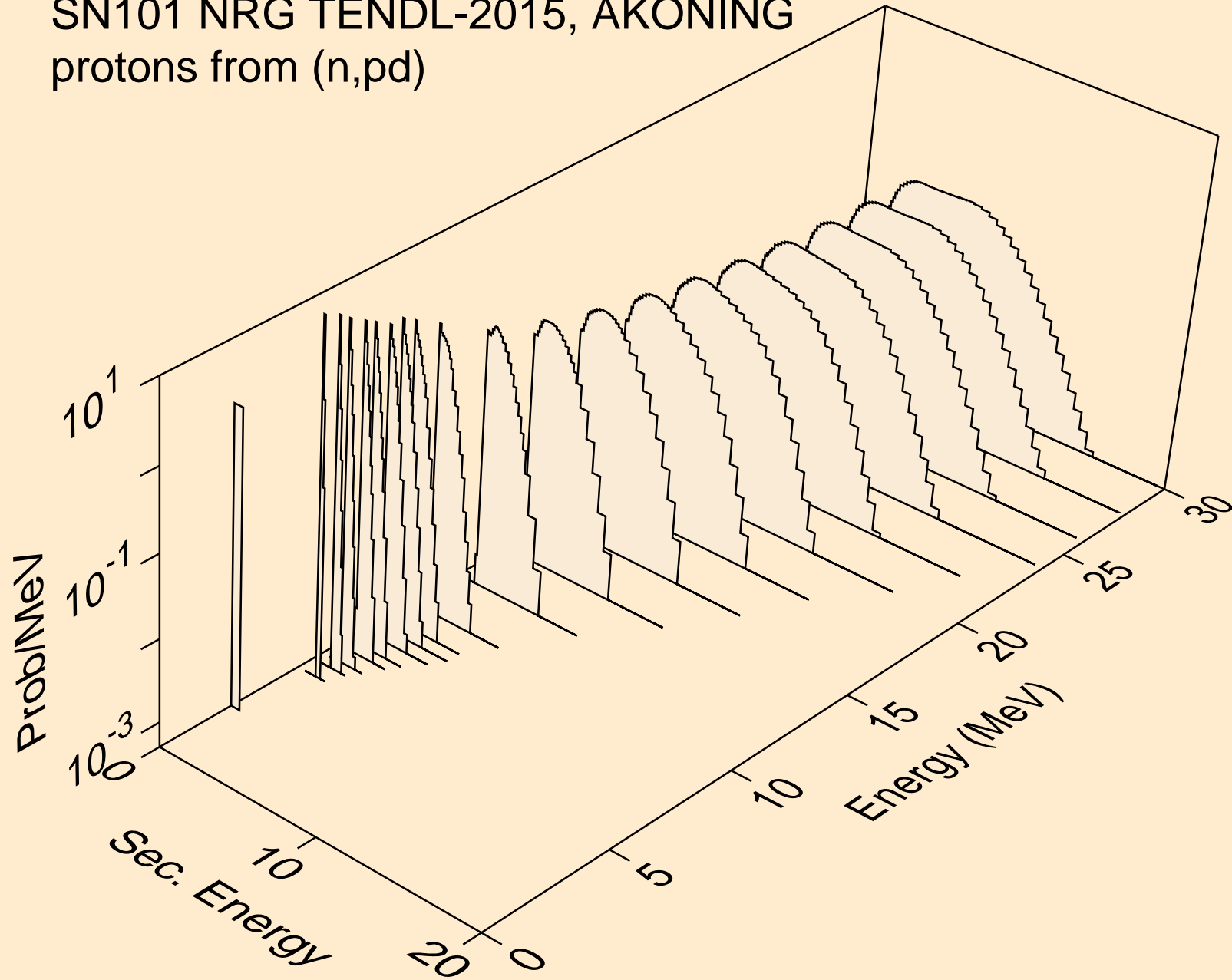
SN101 NRG TENDL-2015, AKONING  
protons from (n,2p)



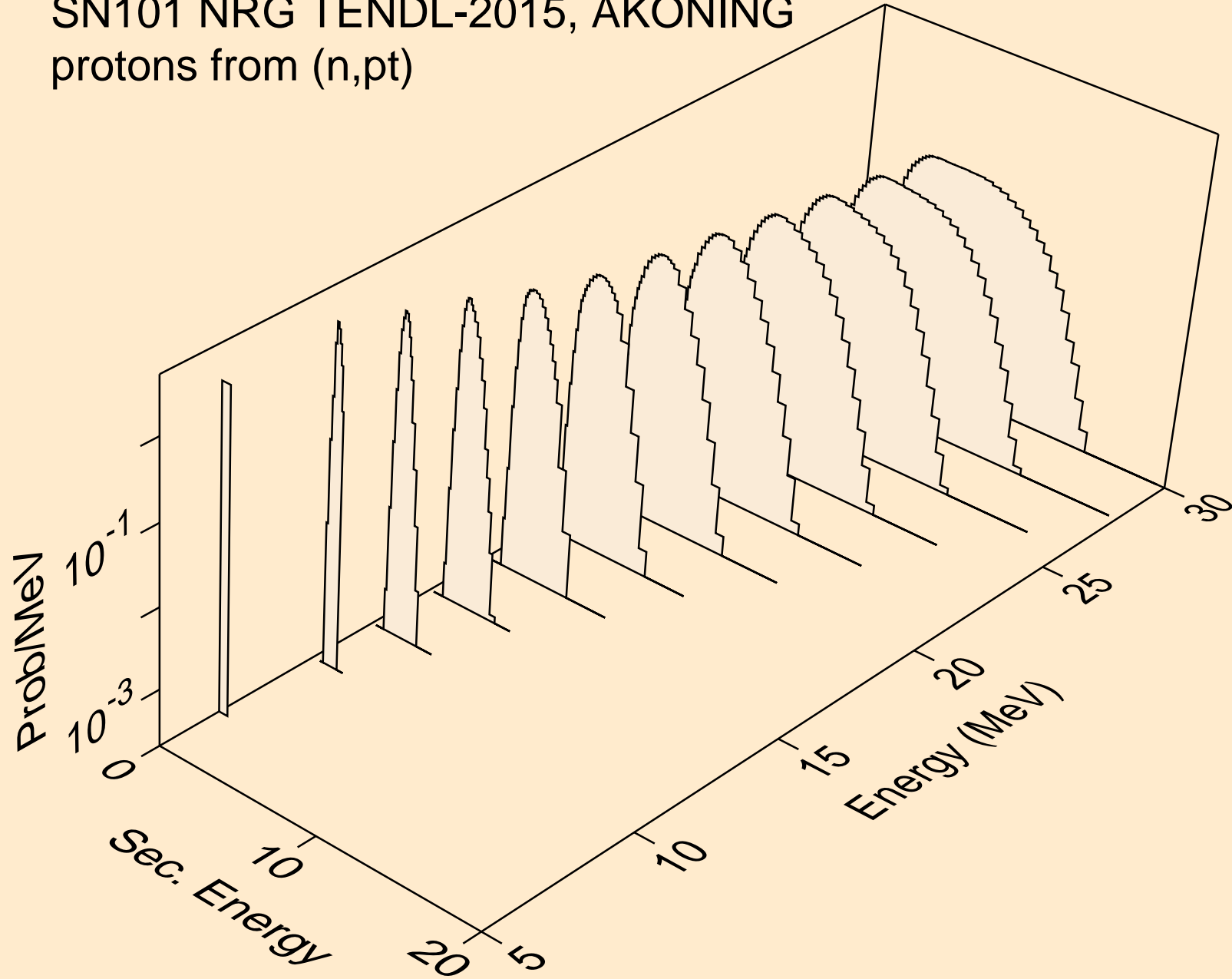
SN101 NRG TENDL-2015, AKONING  
protons from (n,pa)



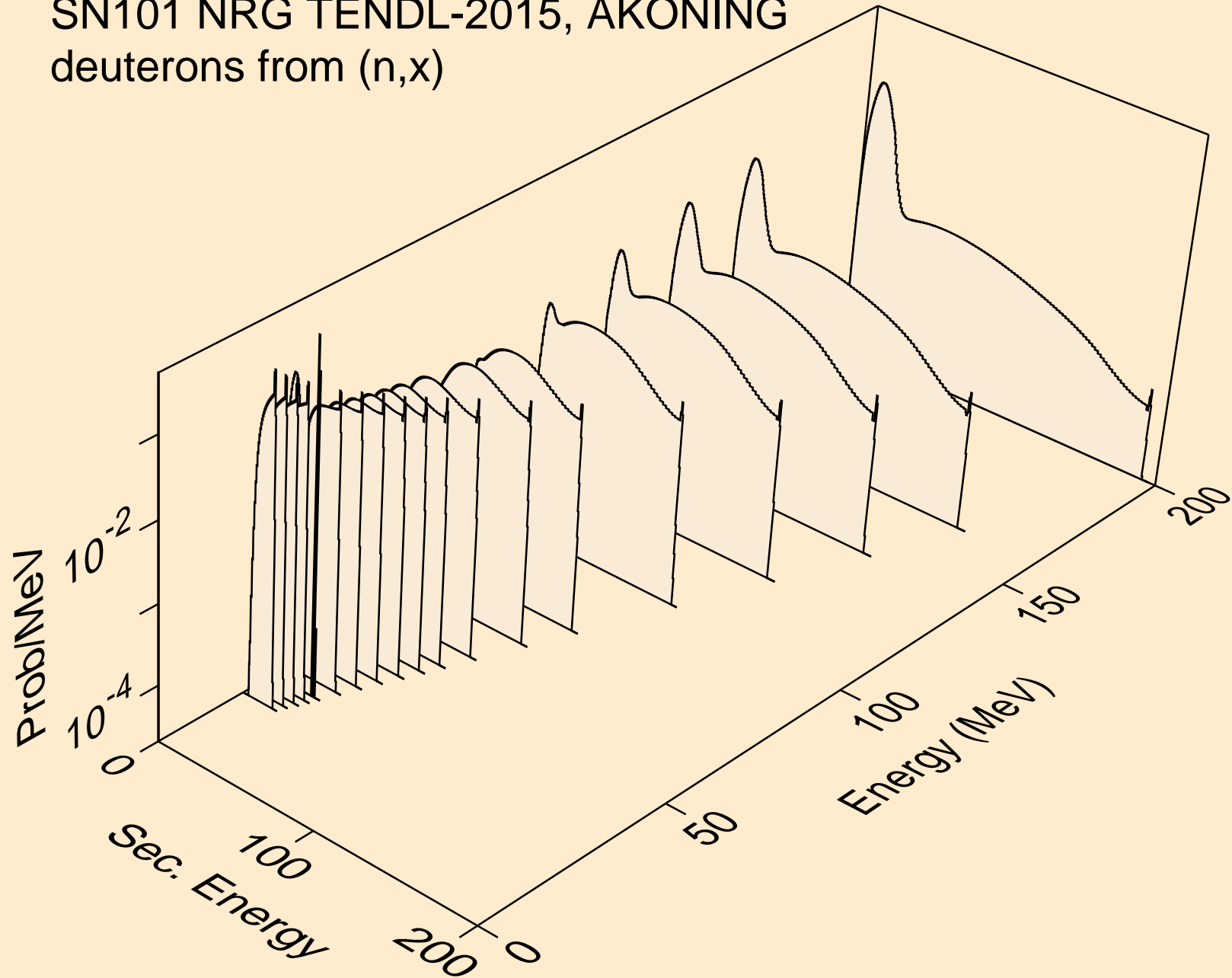
SN101 NRG TENDL-2015, AKONING  
protons from (n,pd)



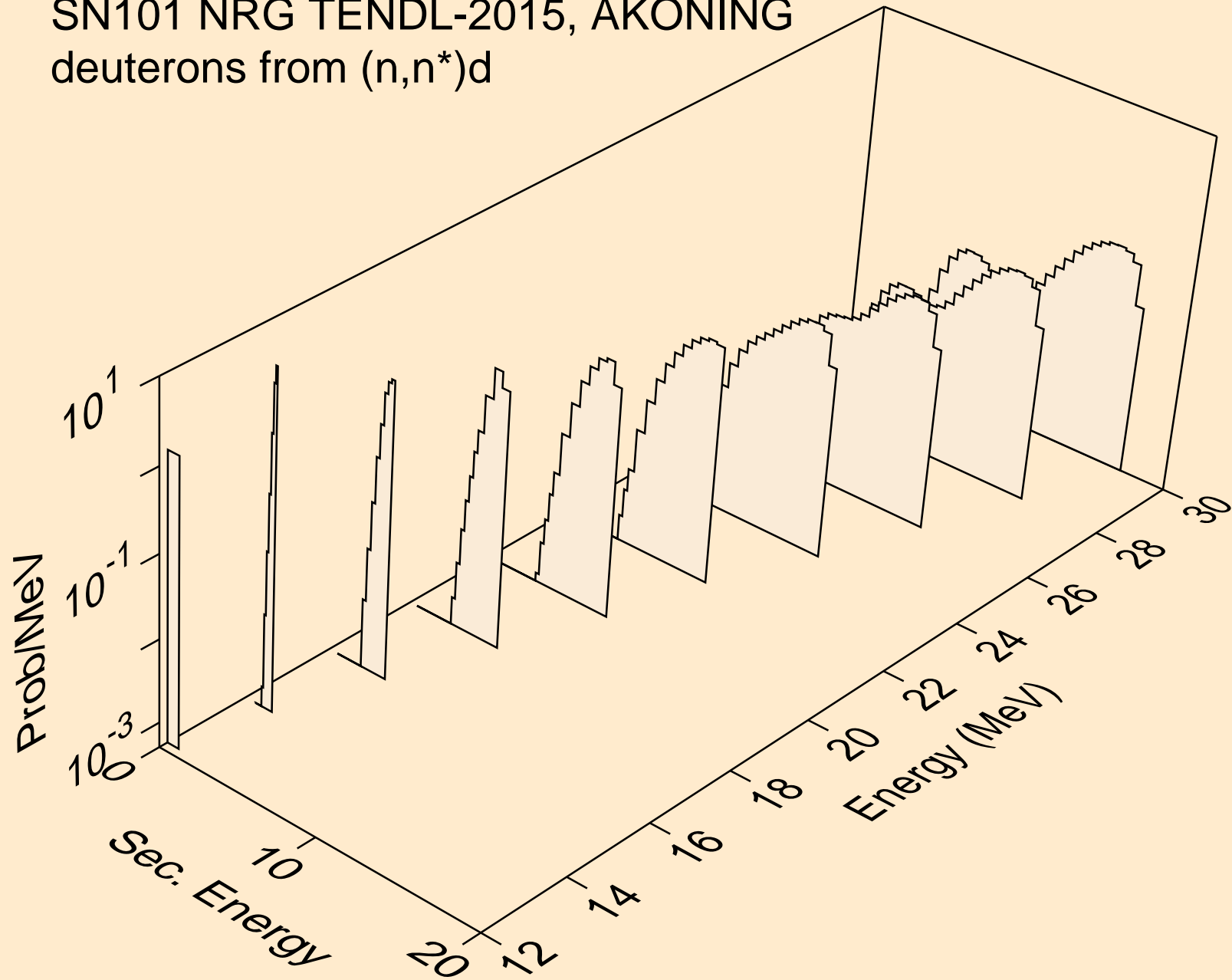
SN101 NRG TENDL-2015, AKONING  
protons from (n,pt)



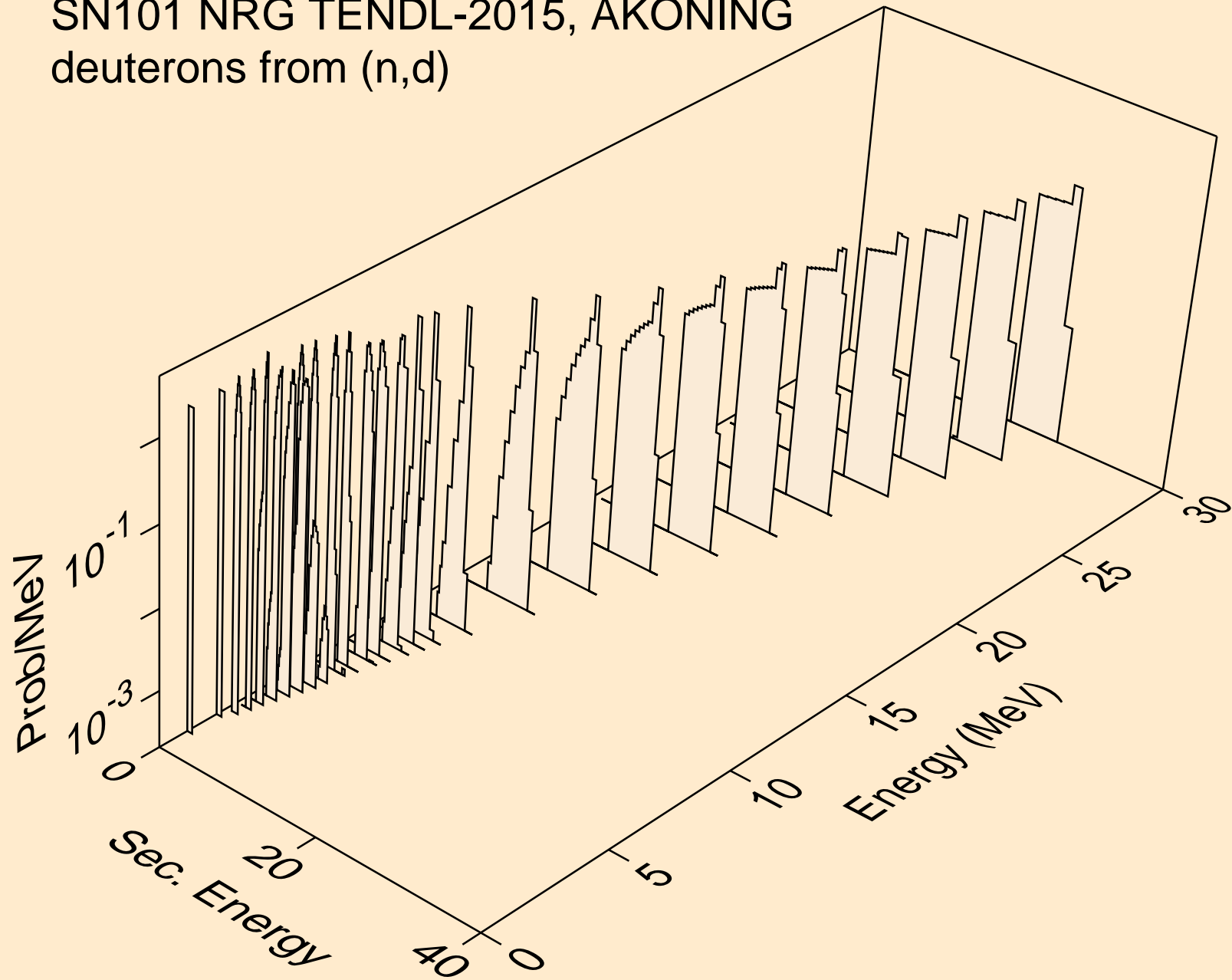
SN101 NRG TENDL-2015, AKONING  
deuterons from (n,x)



SN101 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

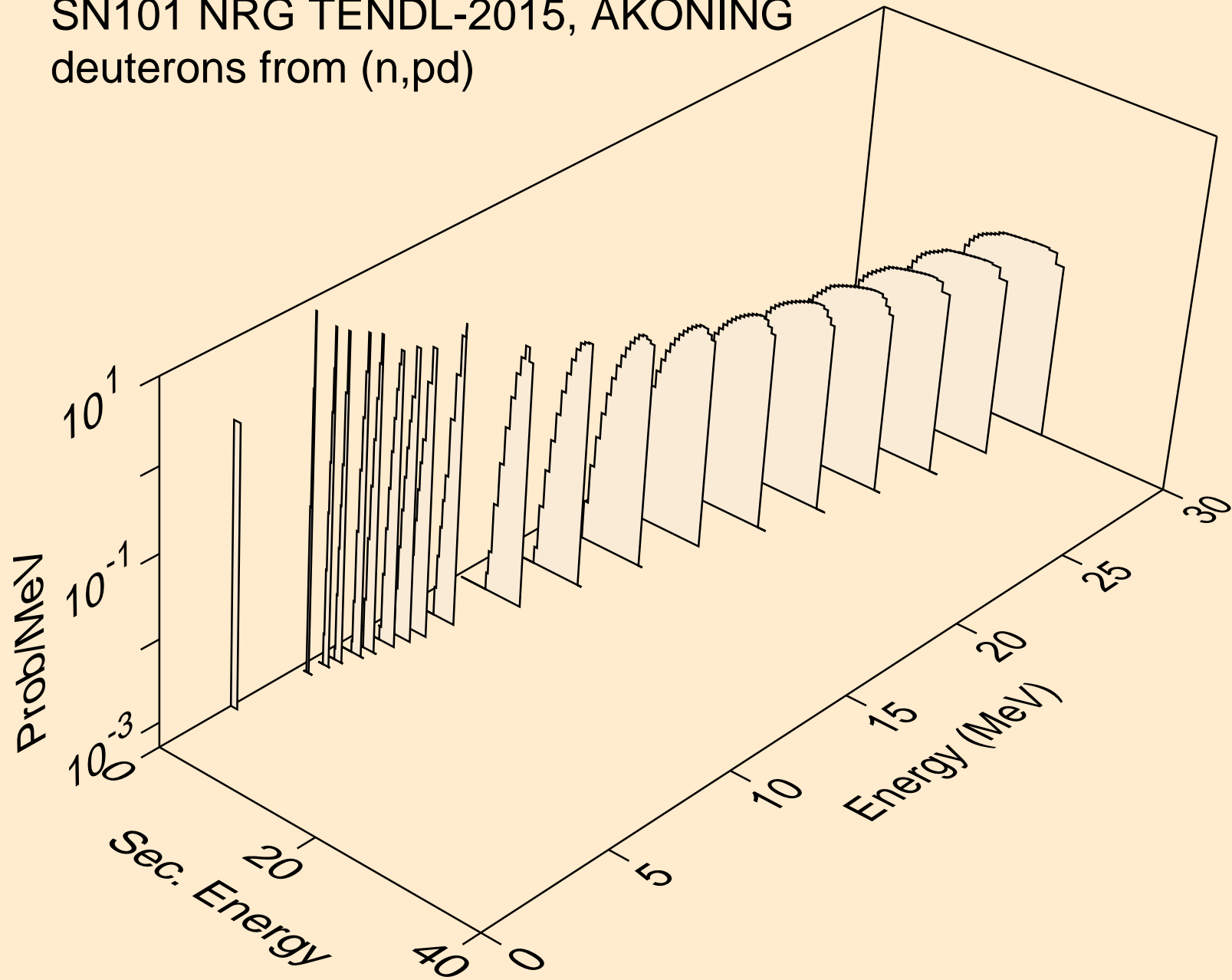


SN101 NRG TENDL-2015, AKONING  
deuterons from (n,d)

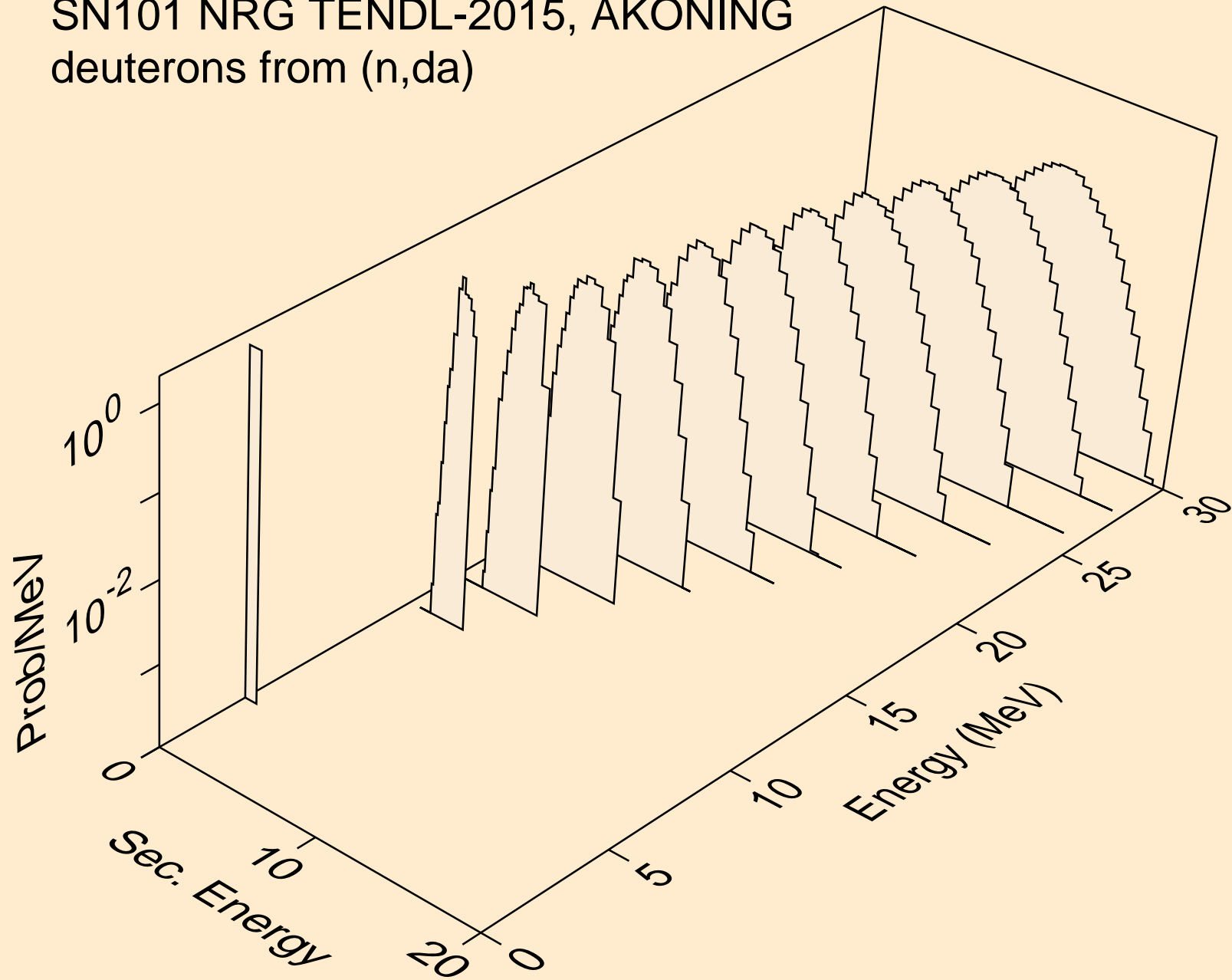




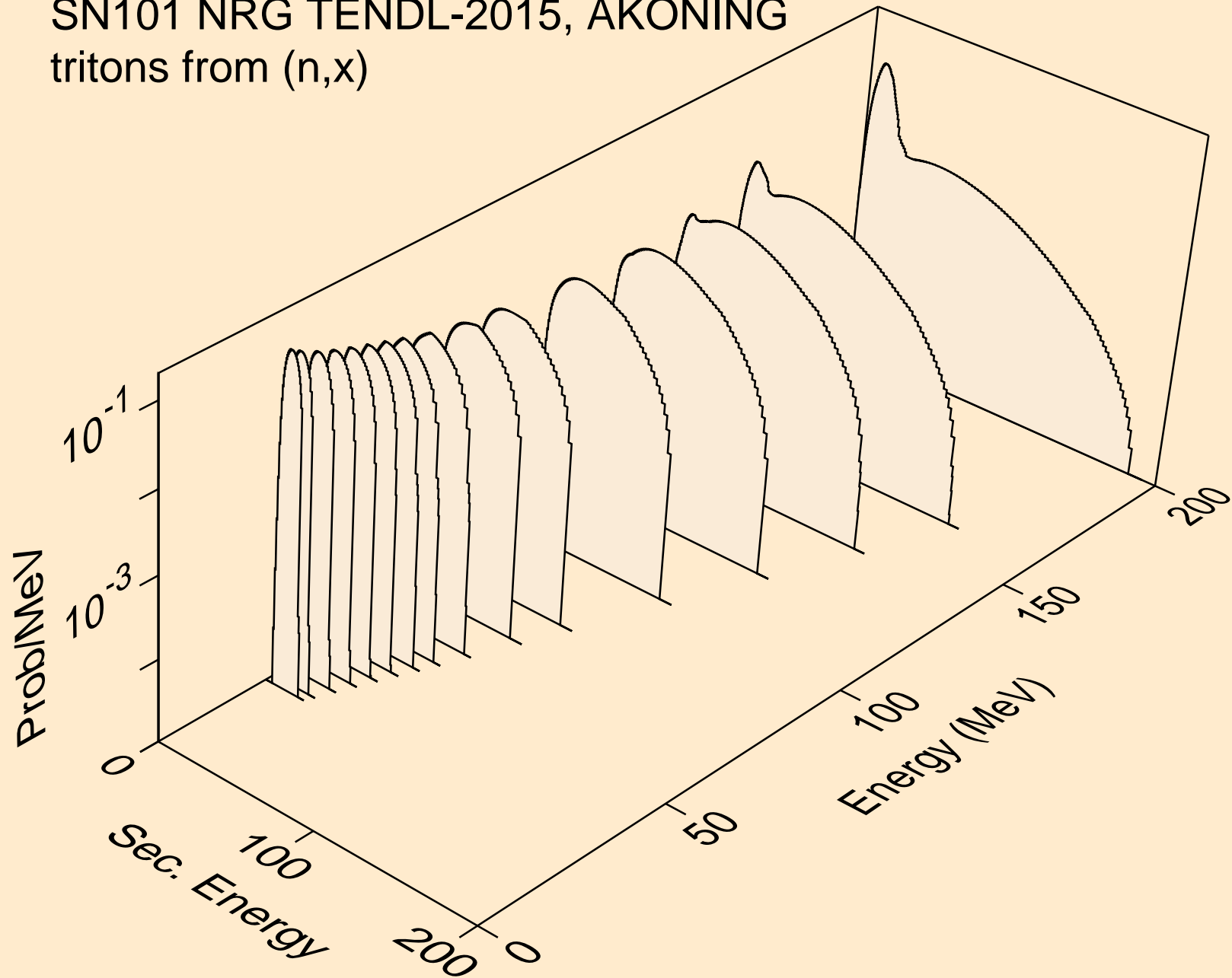
SN101 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



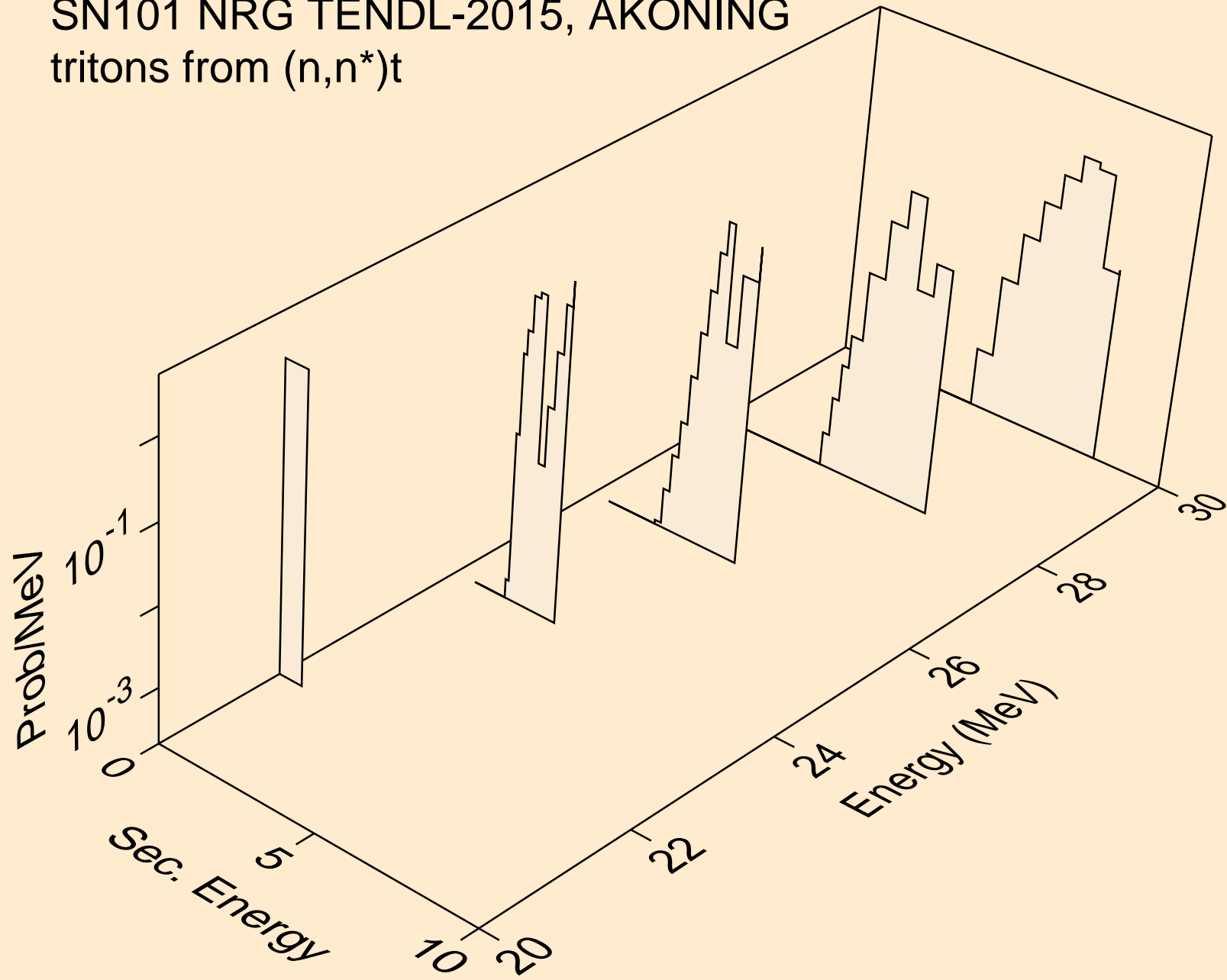
SN101 NRG TENDL-2015, AKONING  
deuterons from (n,da)



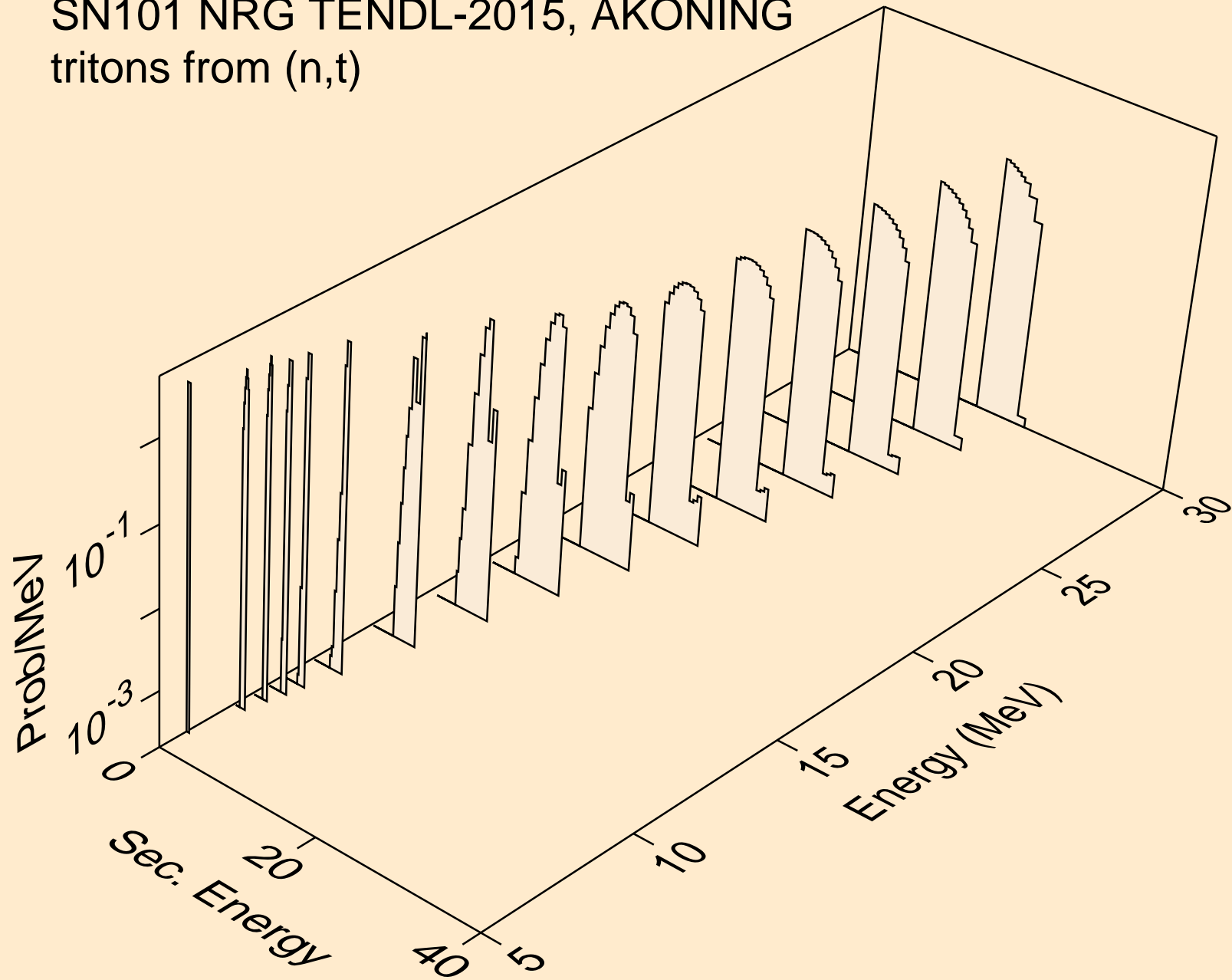
SN101 NRG TENDL-2015, AKONING  
tritons from (n,x)



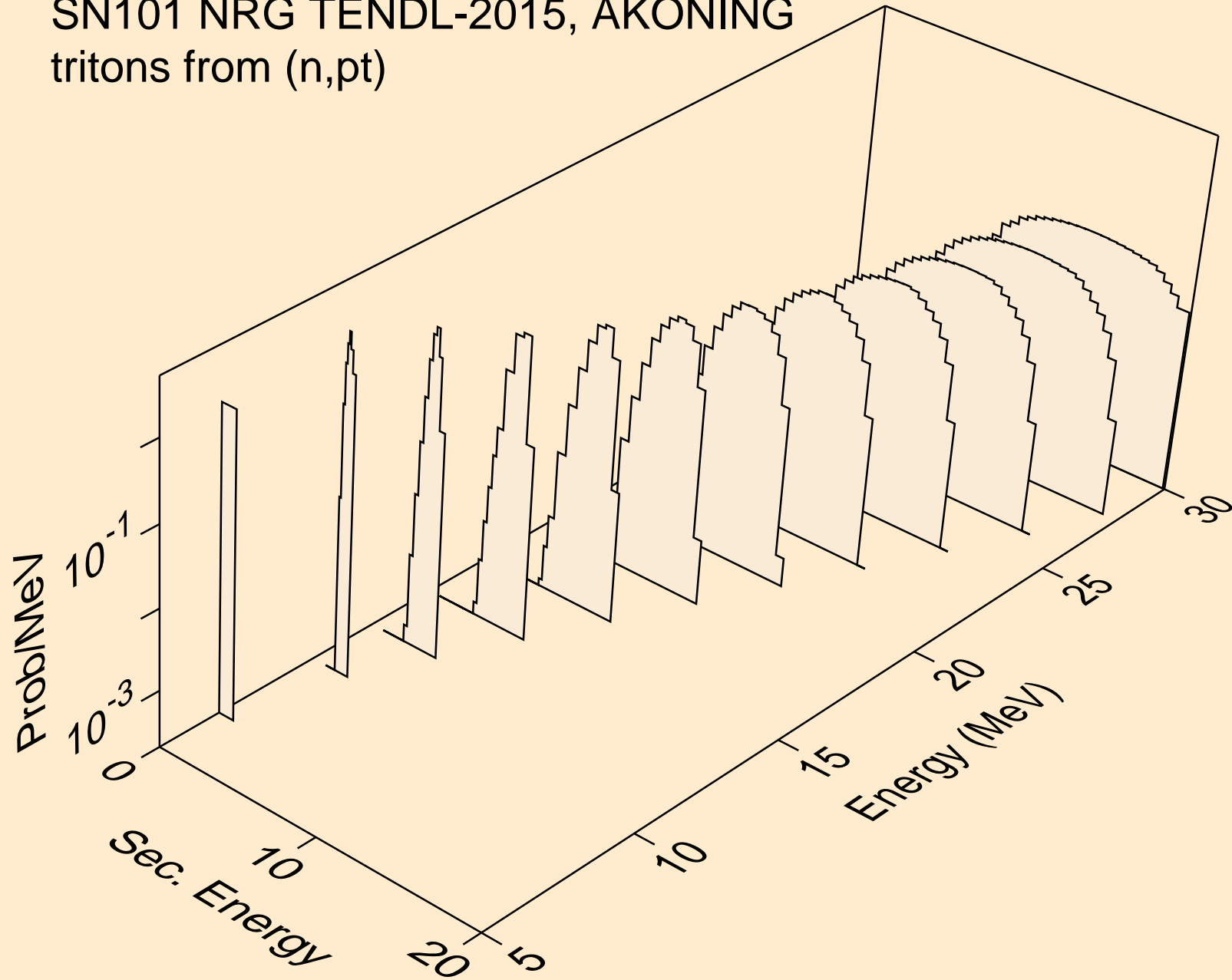
SN101 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



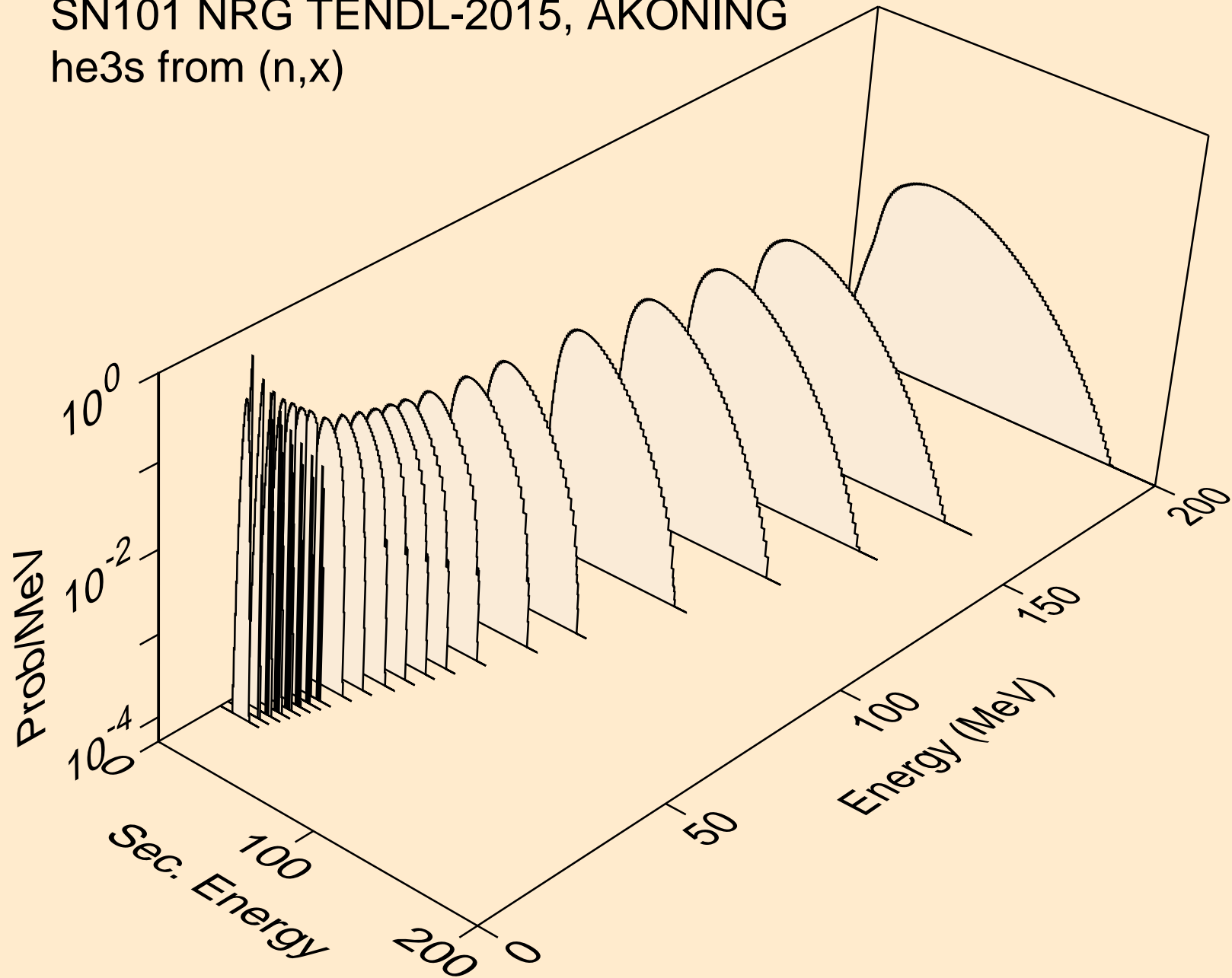
SN101 NRG TENDL-2015, AKONING  
tritons from (n,t)



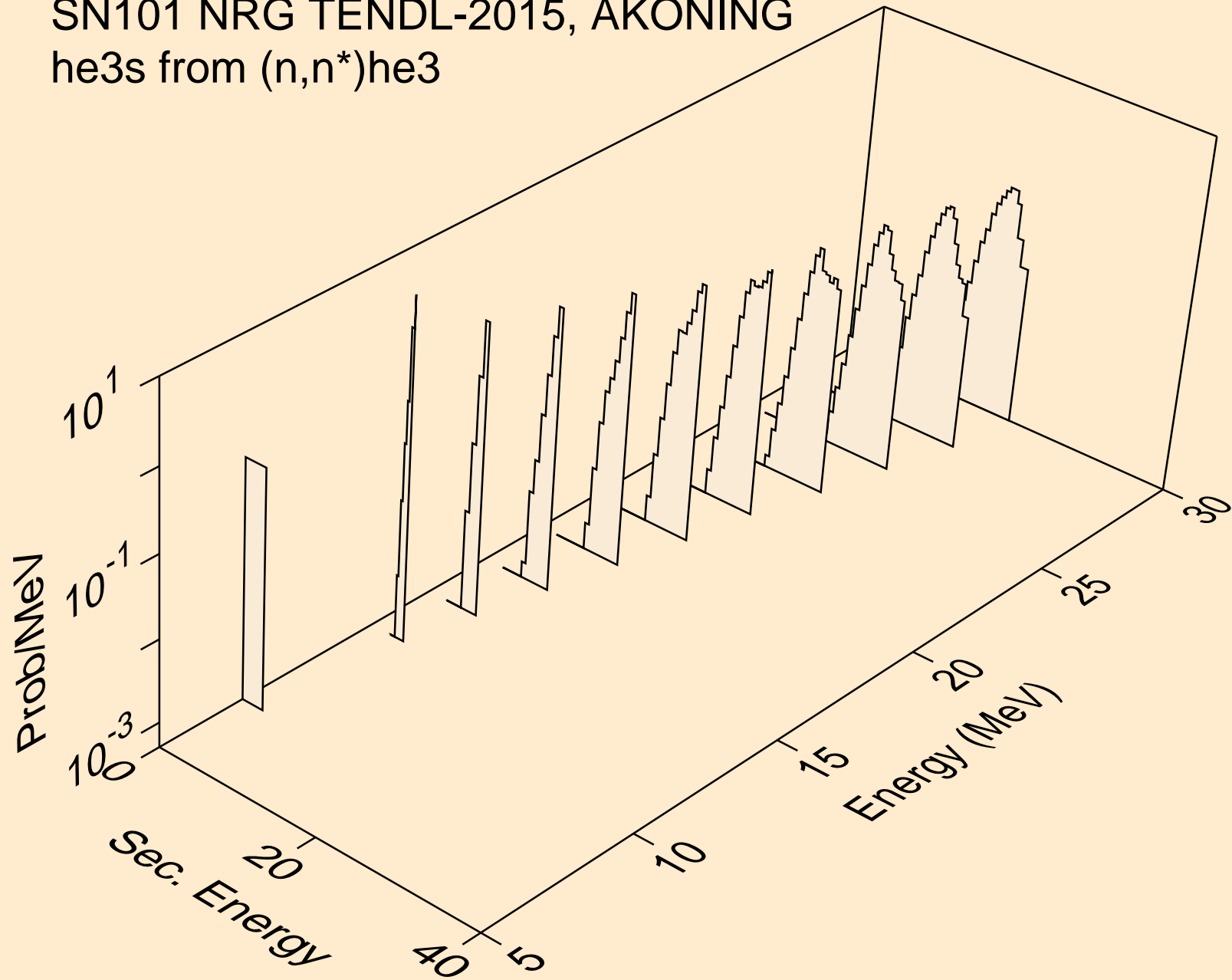
SN101 NRG TENDL-2015, AKONING  
tritons from (n,pt)



SN101 NRG TENDL-2015, AKONING  
he3s from (n,x)

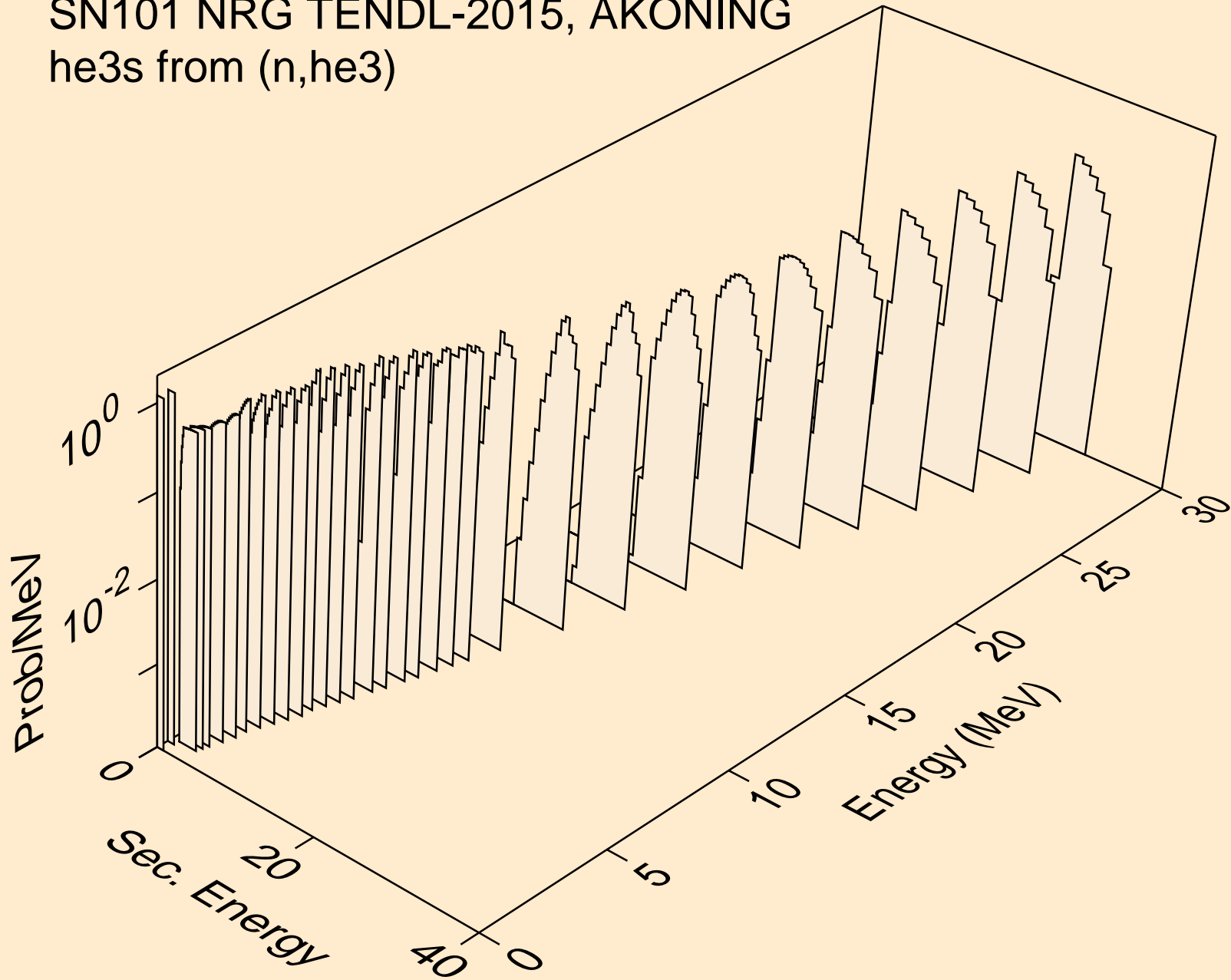


SN101 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

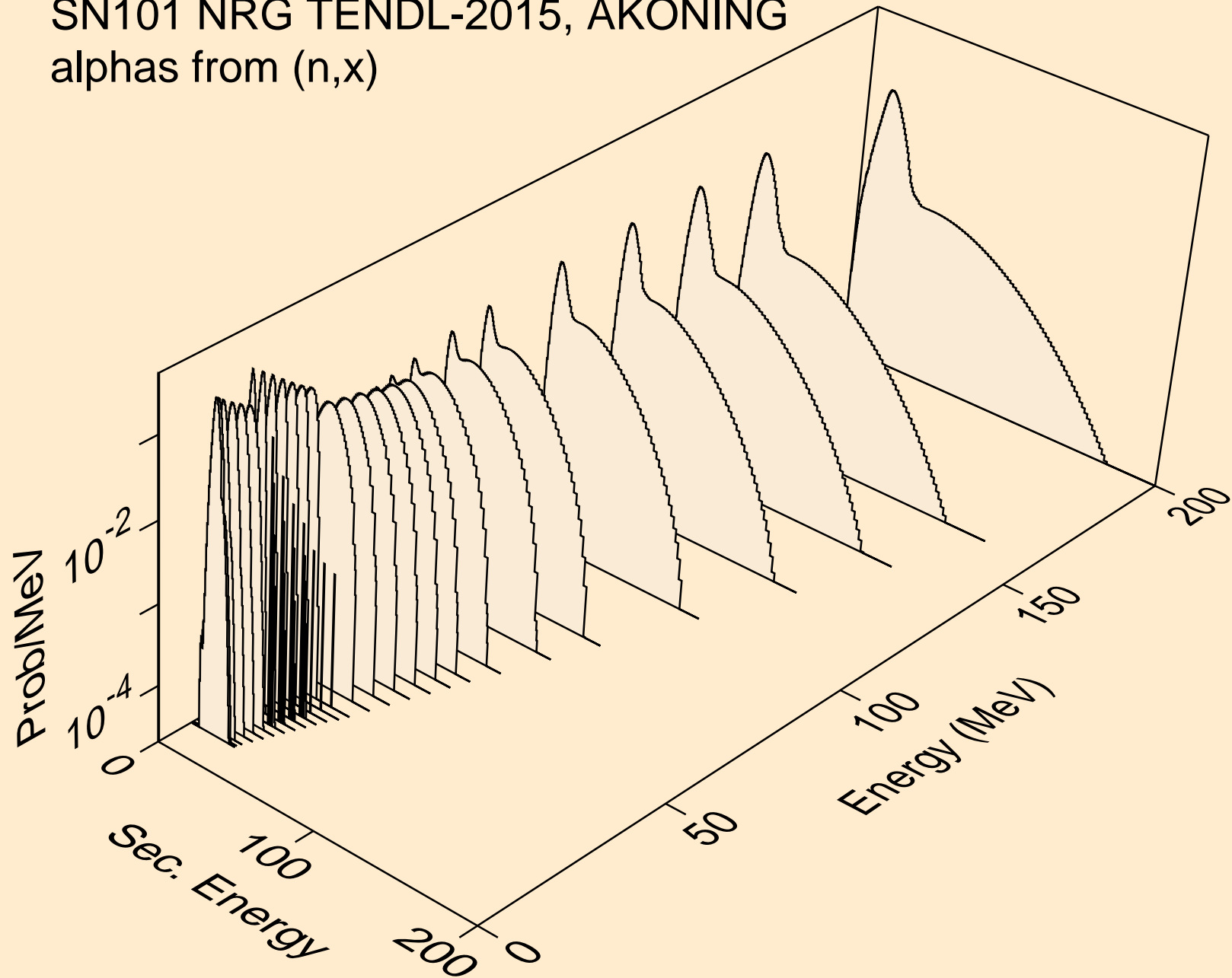




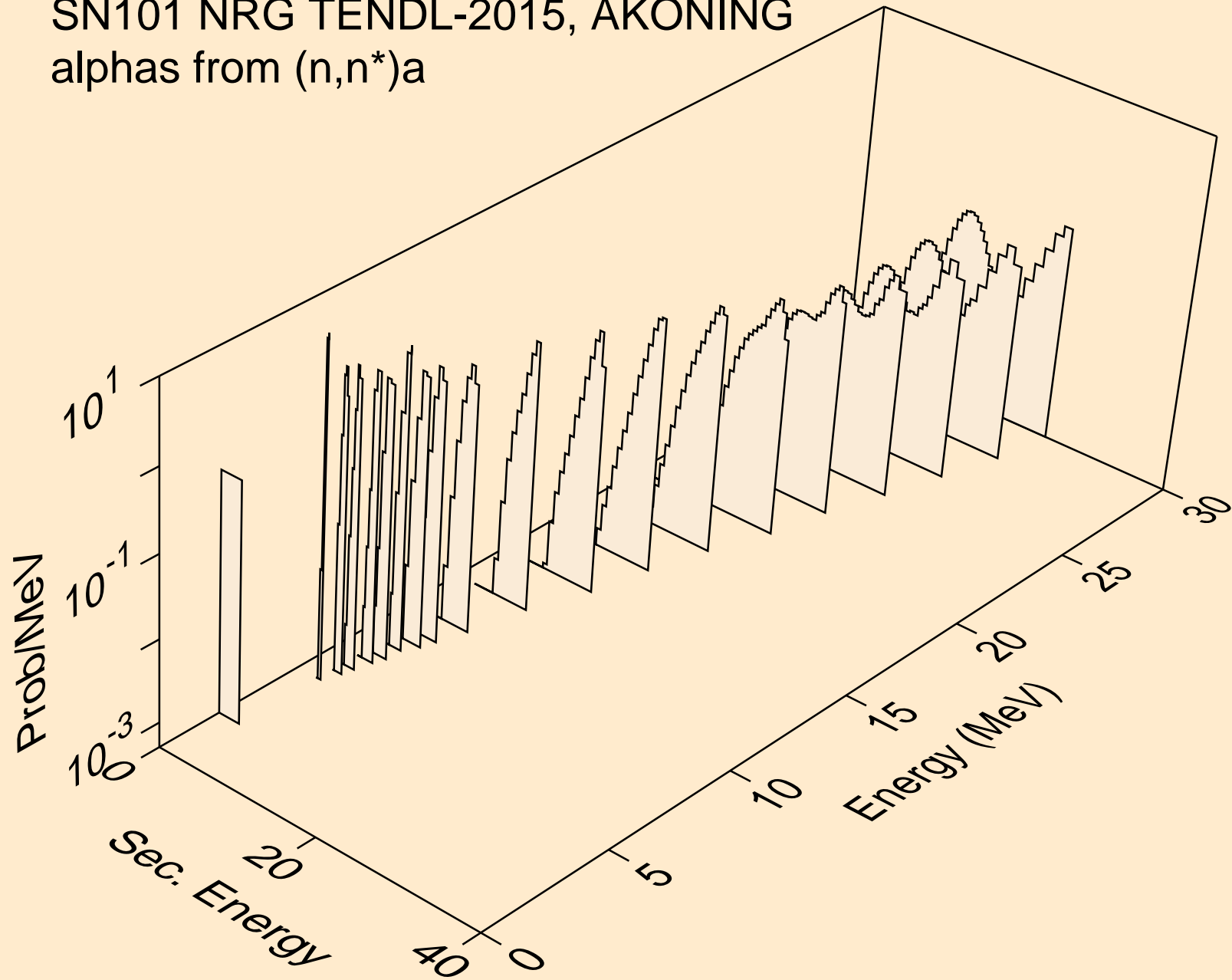
SN101 NRG TENDL-2015, AKONING  
he3s from (n,he3)



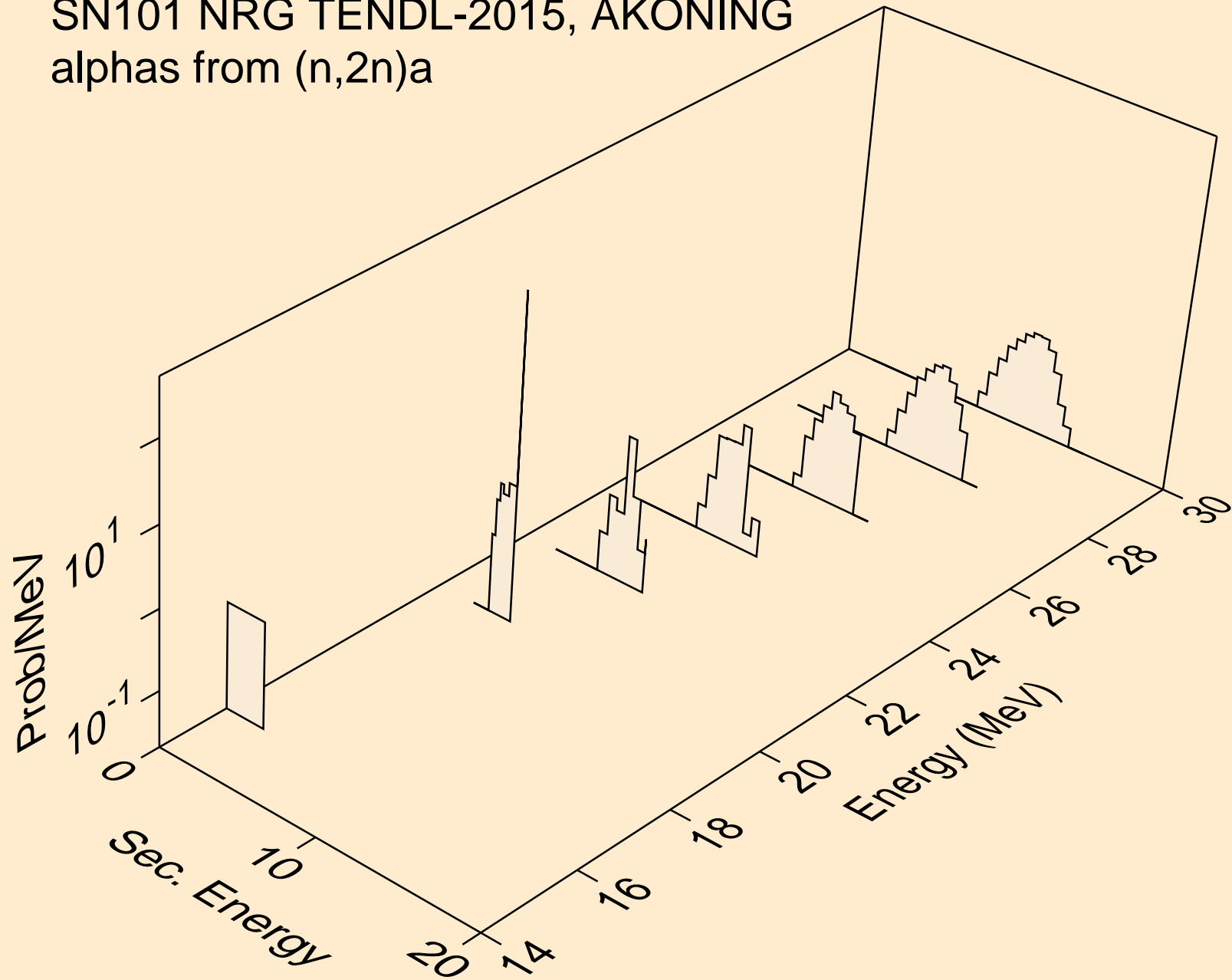
SN101 NRG TENDL-2015, AKONING  
alphas from (n,x)



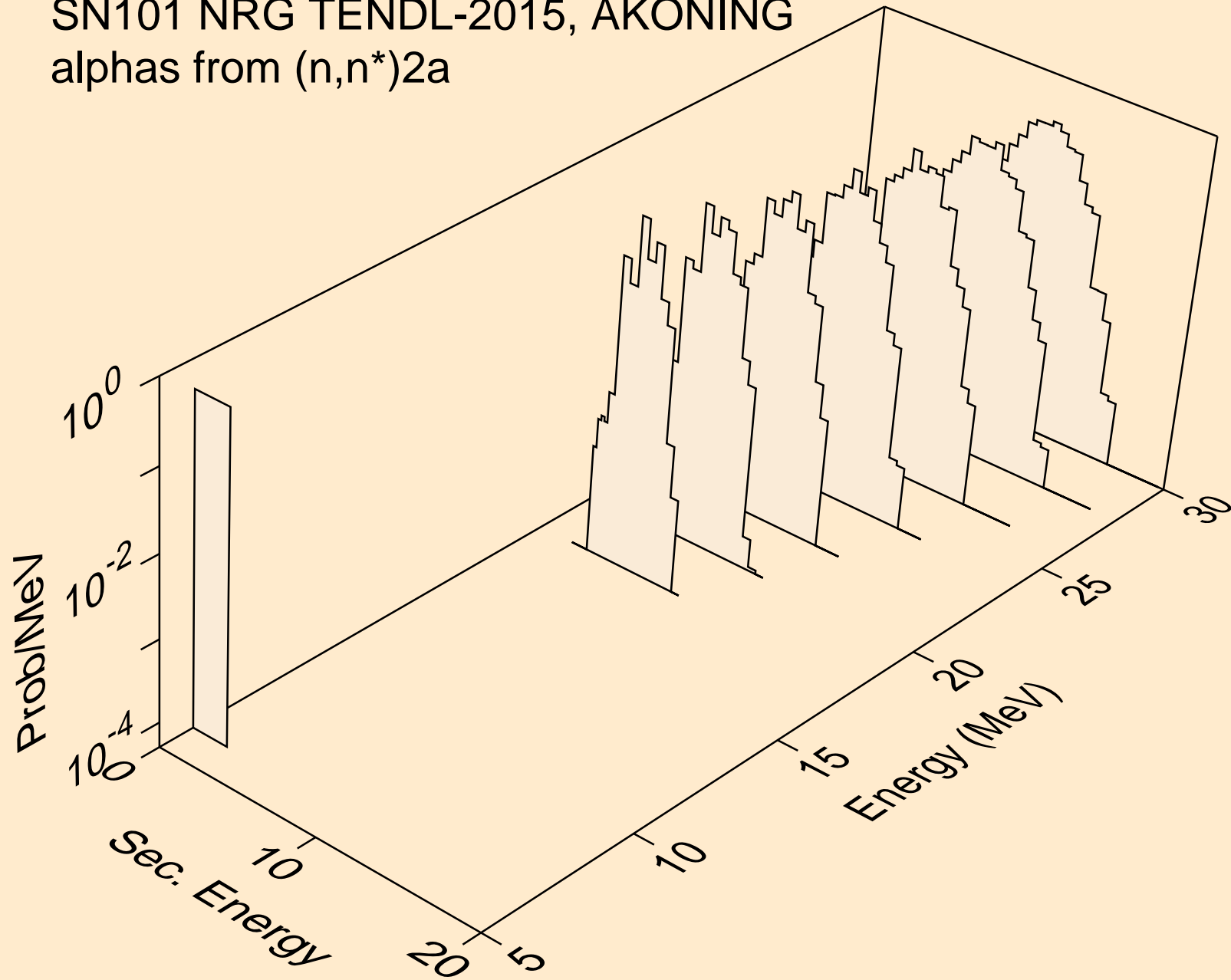
SN101 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



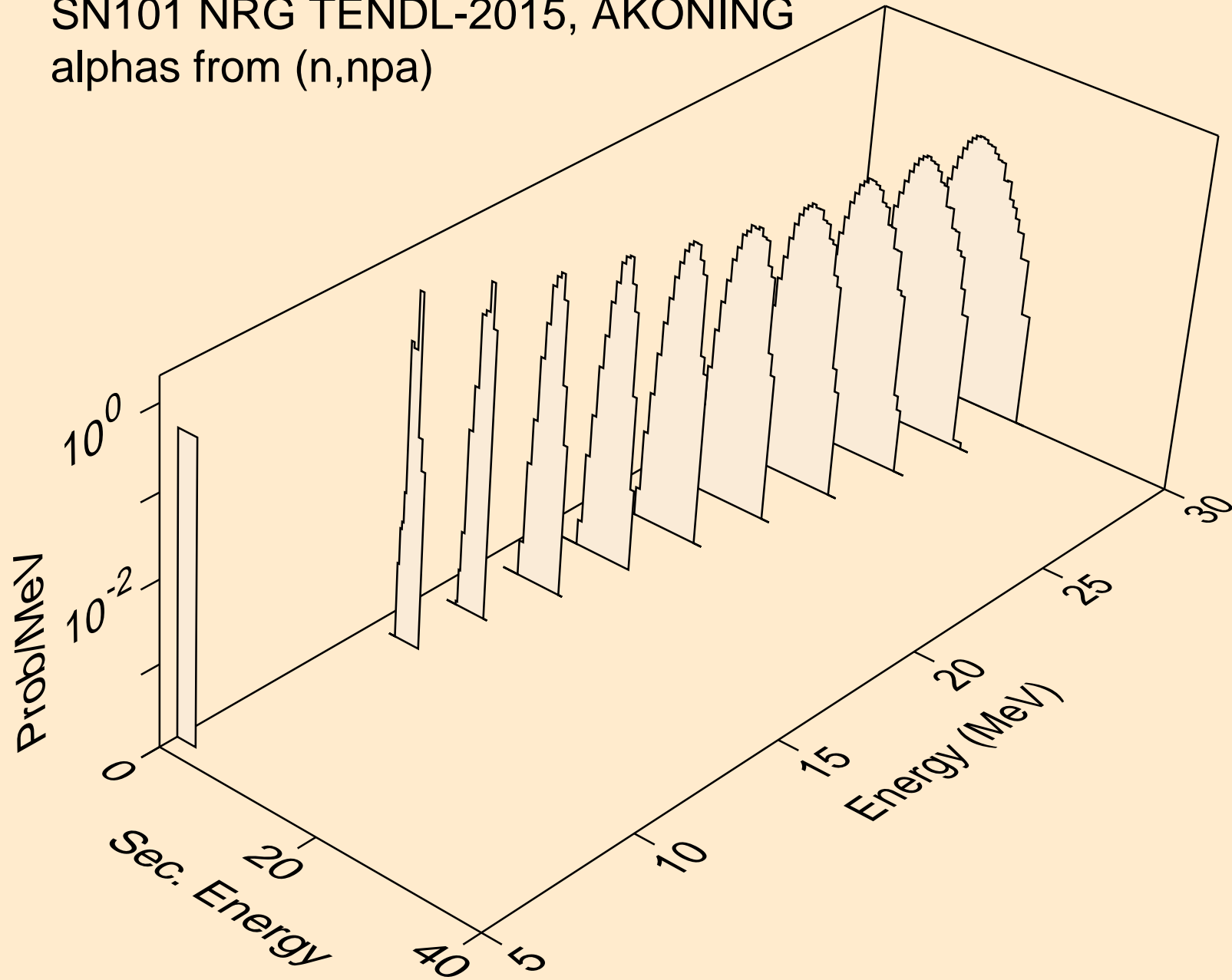
SN101 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



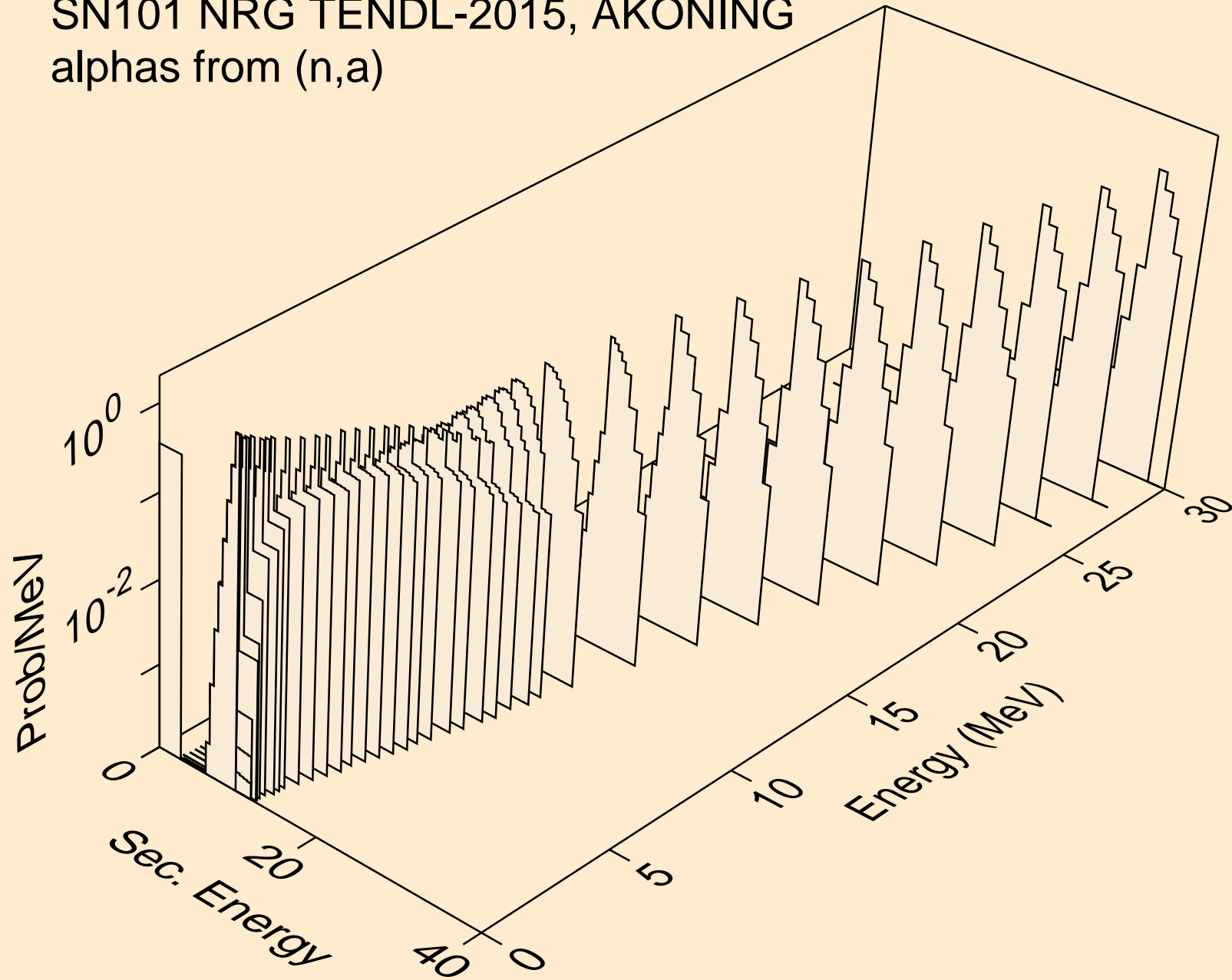
SN101 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



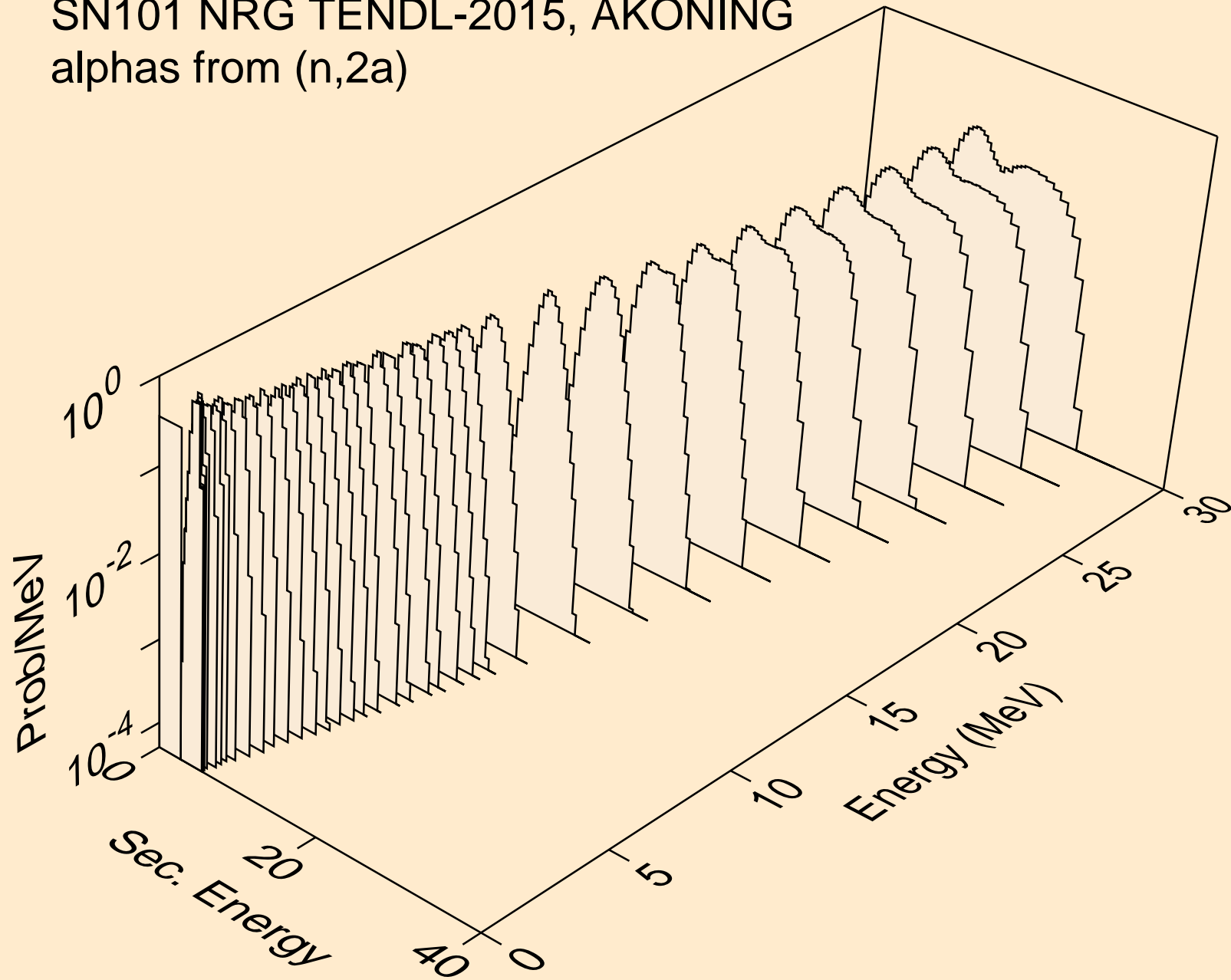
SN101 NRG TENDL-2015, AKONING  
alphas from (n,npa)



SN101 NRG TENDL-2015, AKONING  
alphas from (n,a)

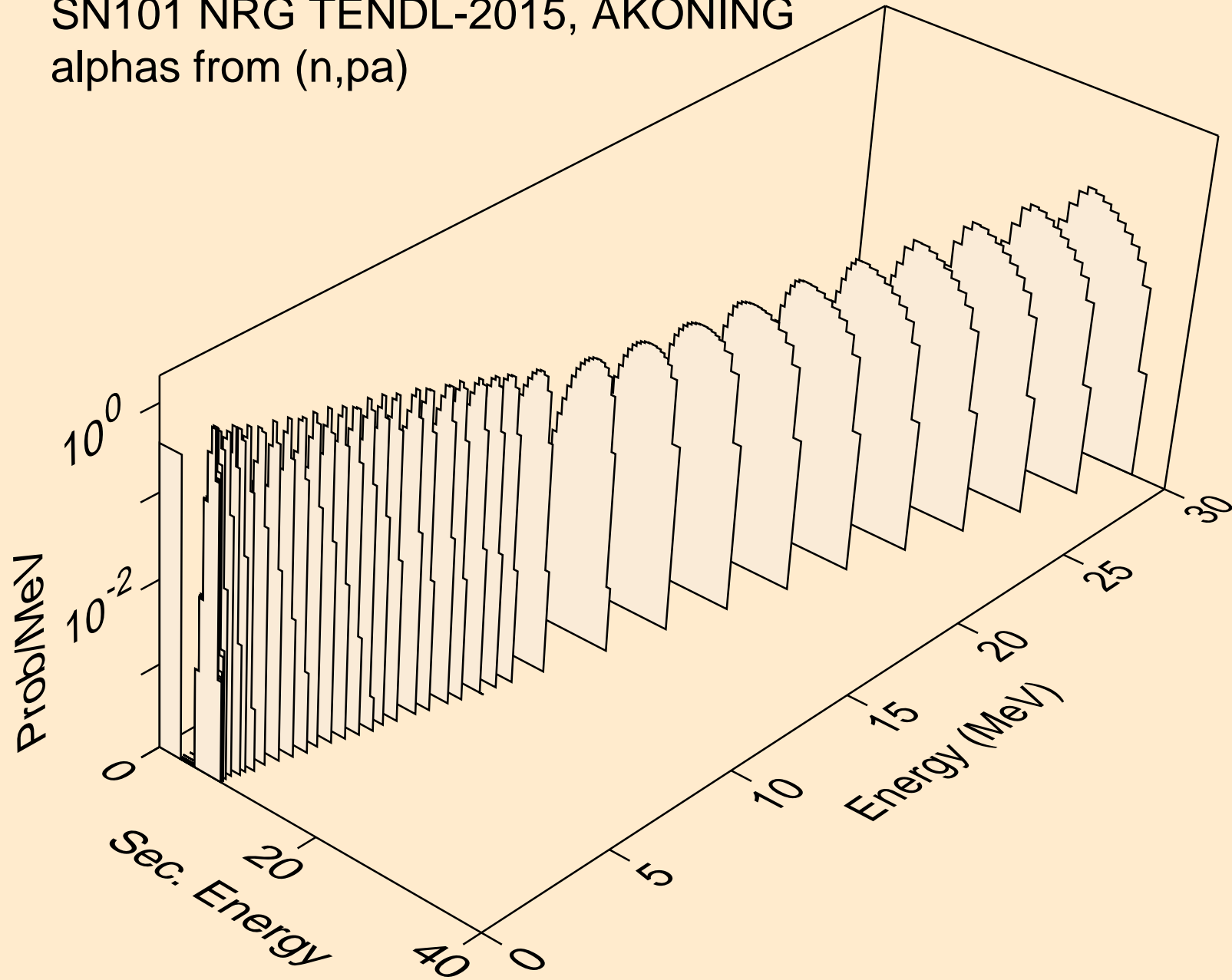


SN101 NRG TENDL-2015, AKONING  
alphas from (n,2a)





SN101 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SN101 NRG TENDL-2015, AKONING  
alphas from (n,da)

