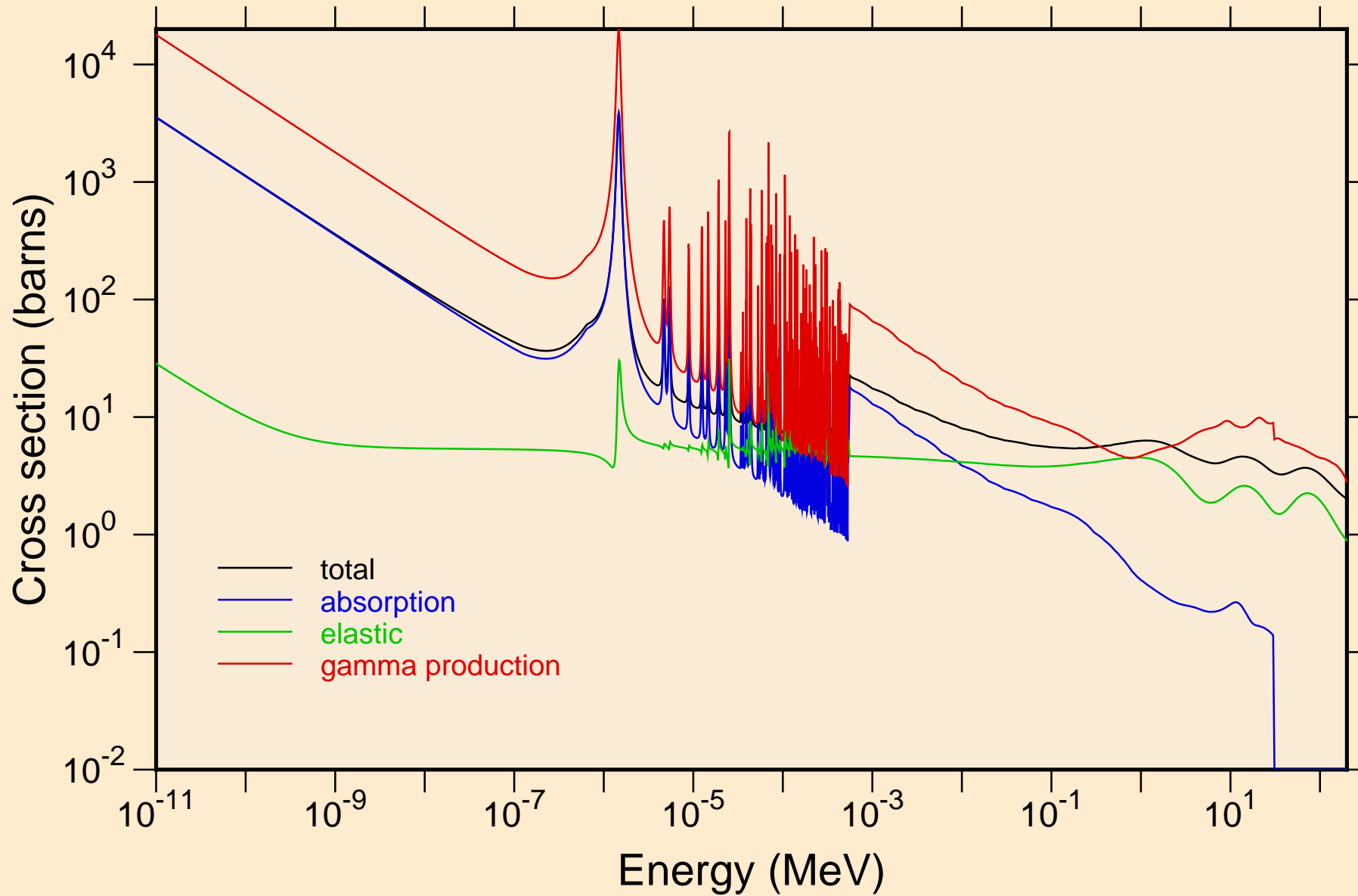
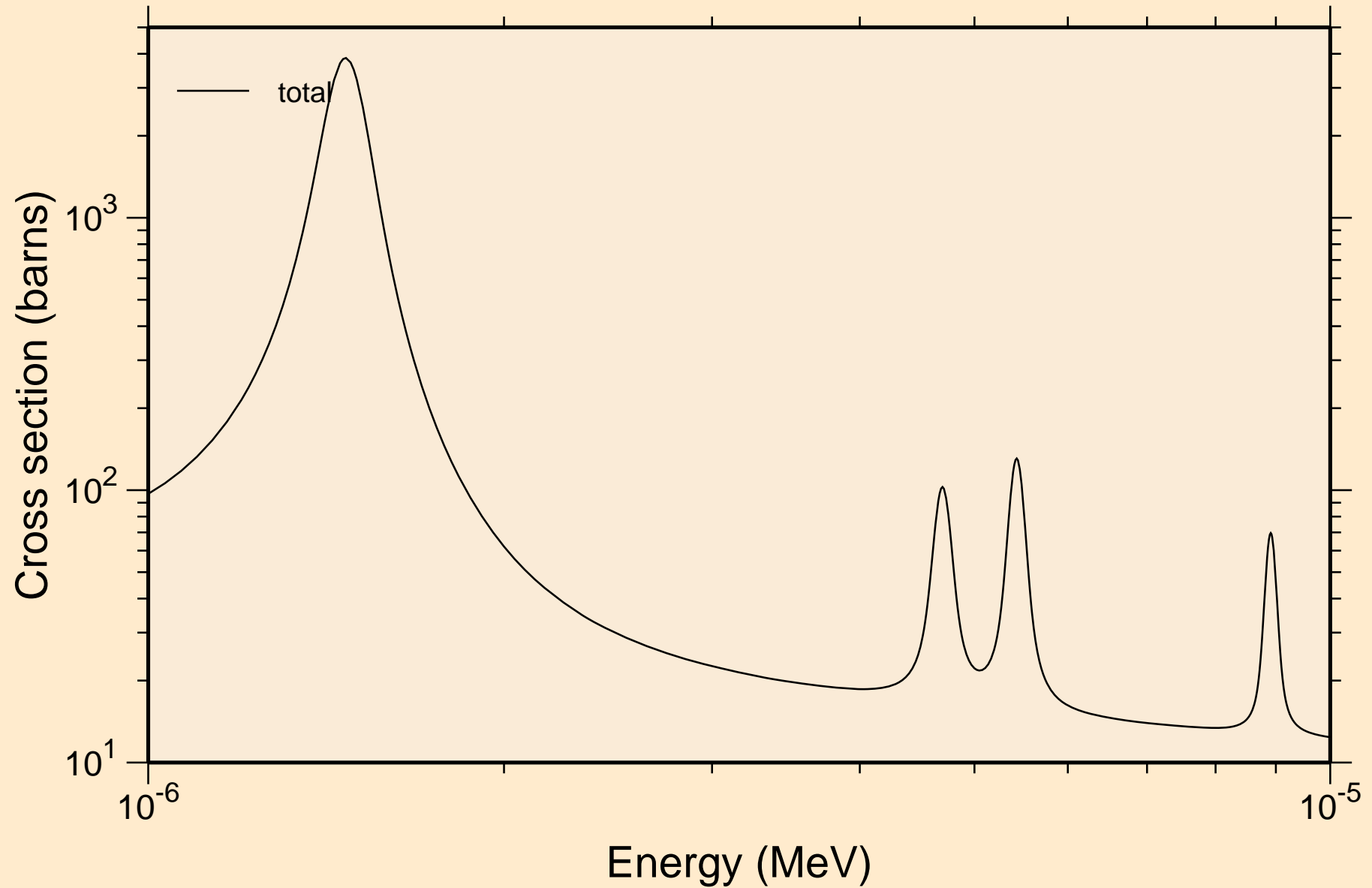


# XE121 NRG TENDL-2015, AKONING

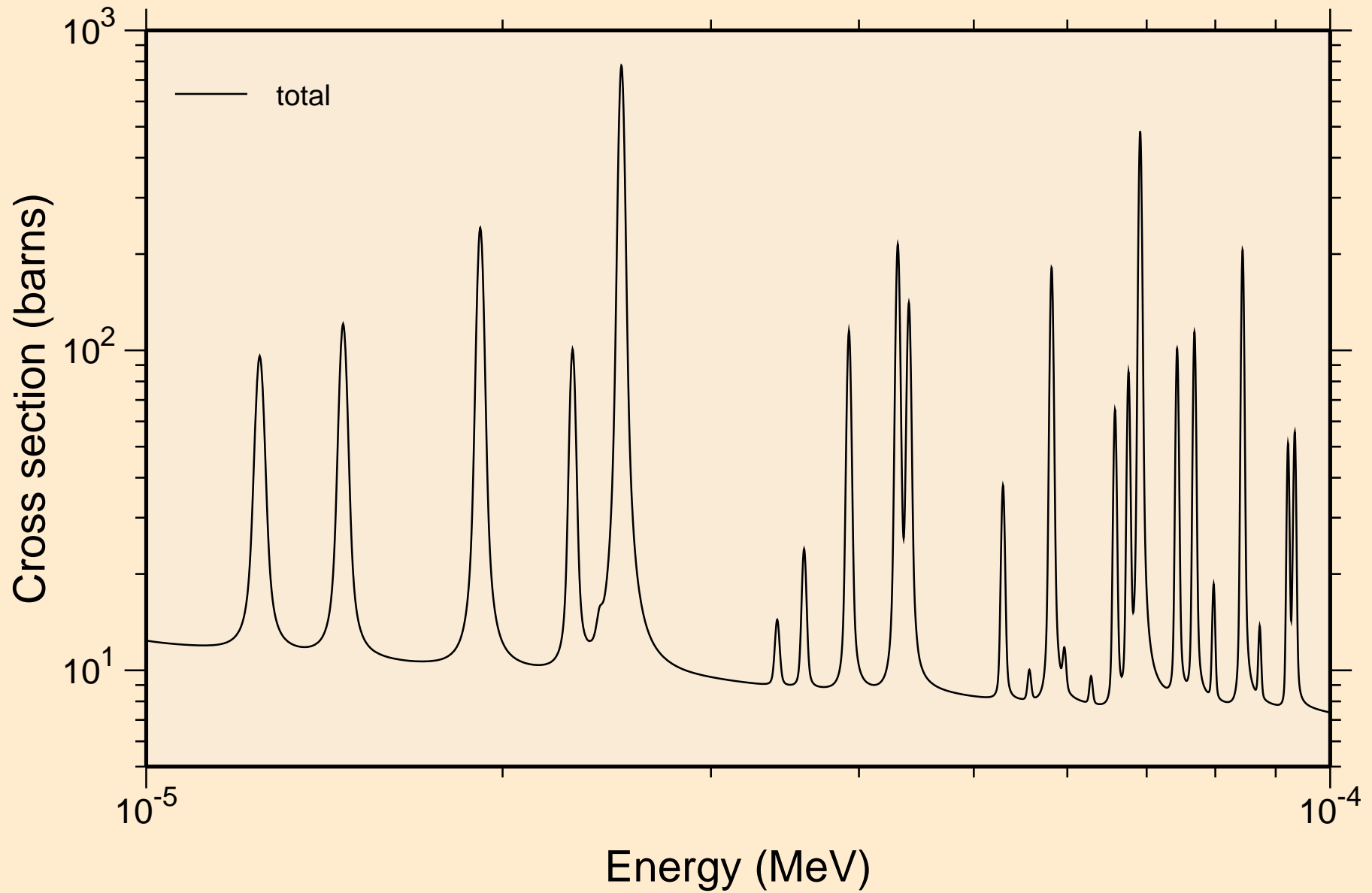
## Principal cross sections



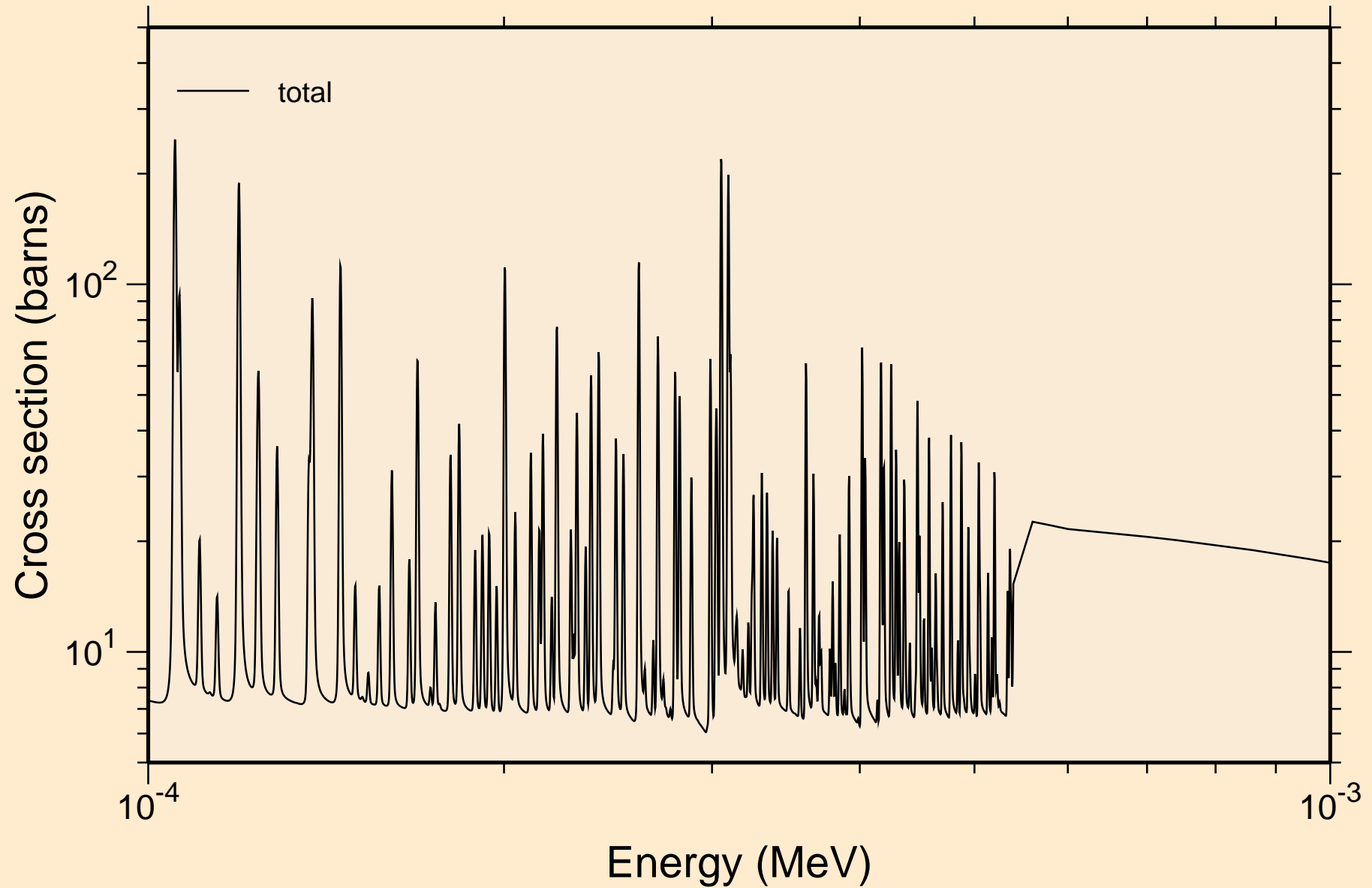
XE121 NRG TENDL-2015, AKONING  
resonance total cross section



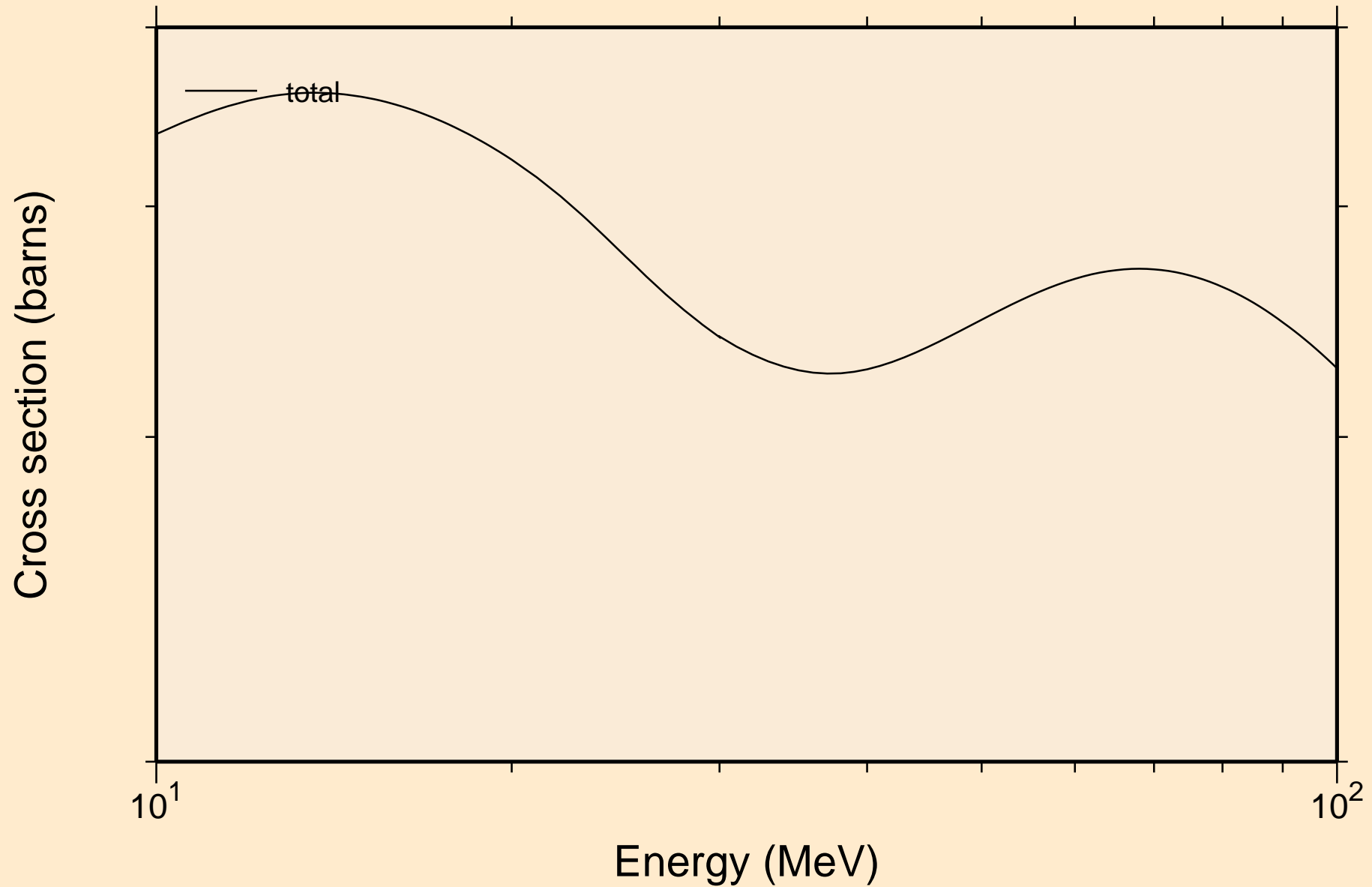
XE121 NRG TENDL-2015, AKONING  
resonance total cross section



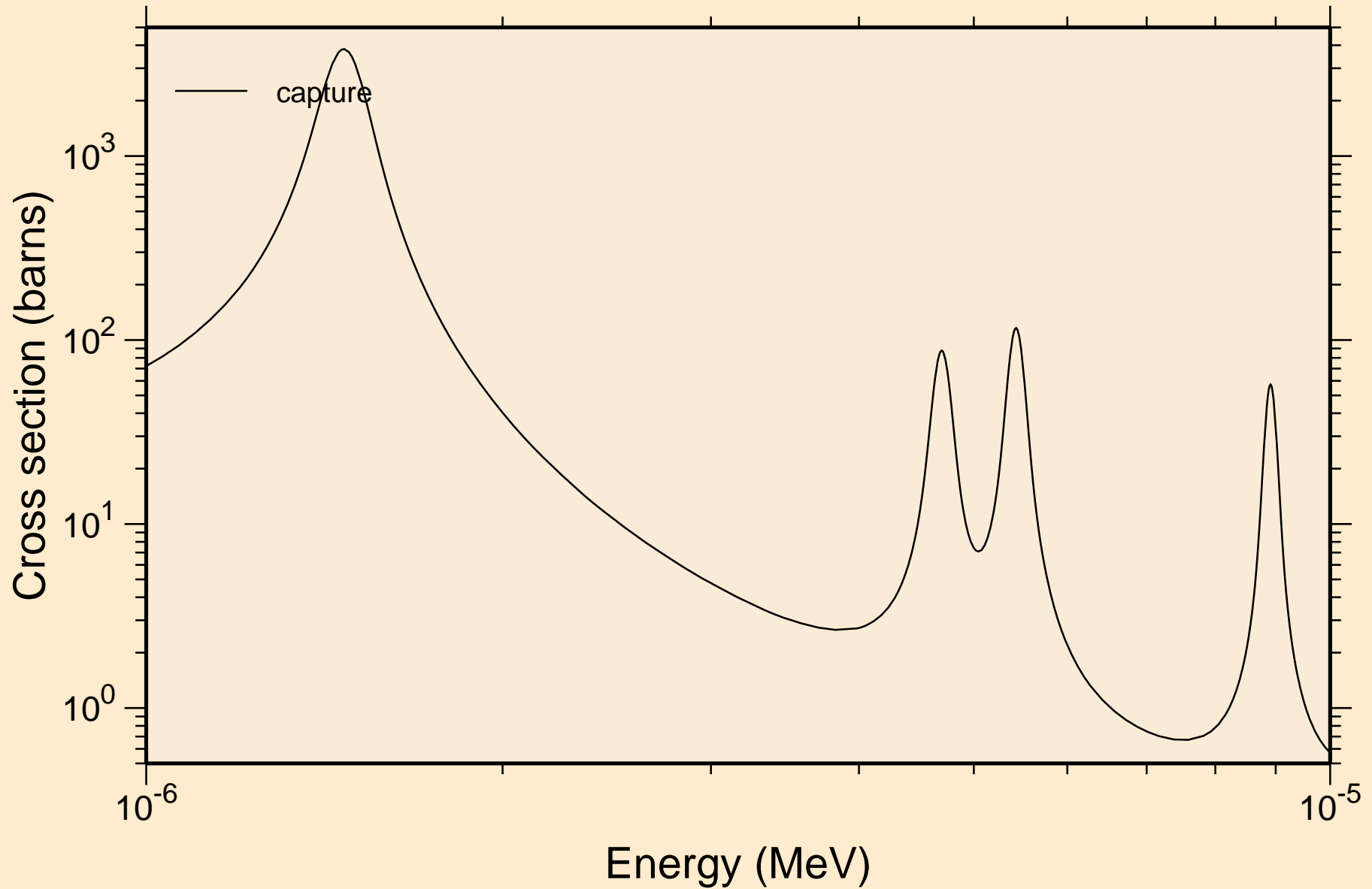
XE121 NRG TENDL-2015, AKONING  
resonance total cross section



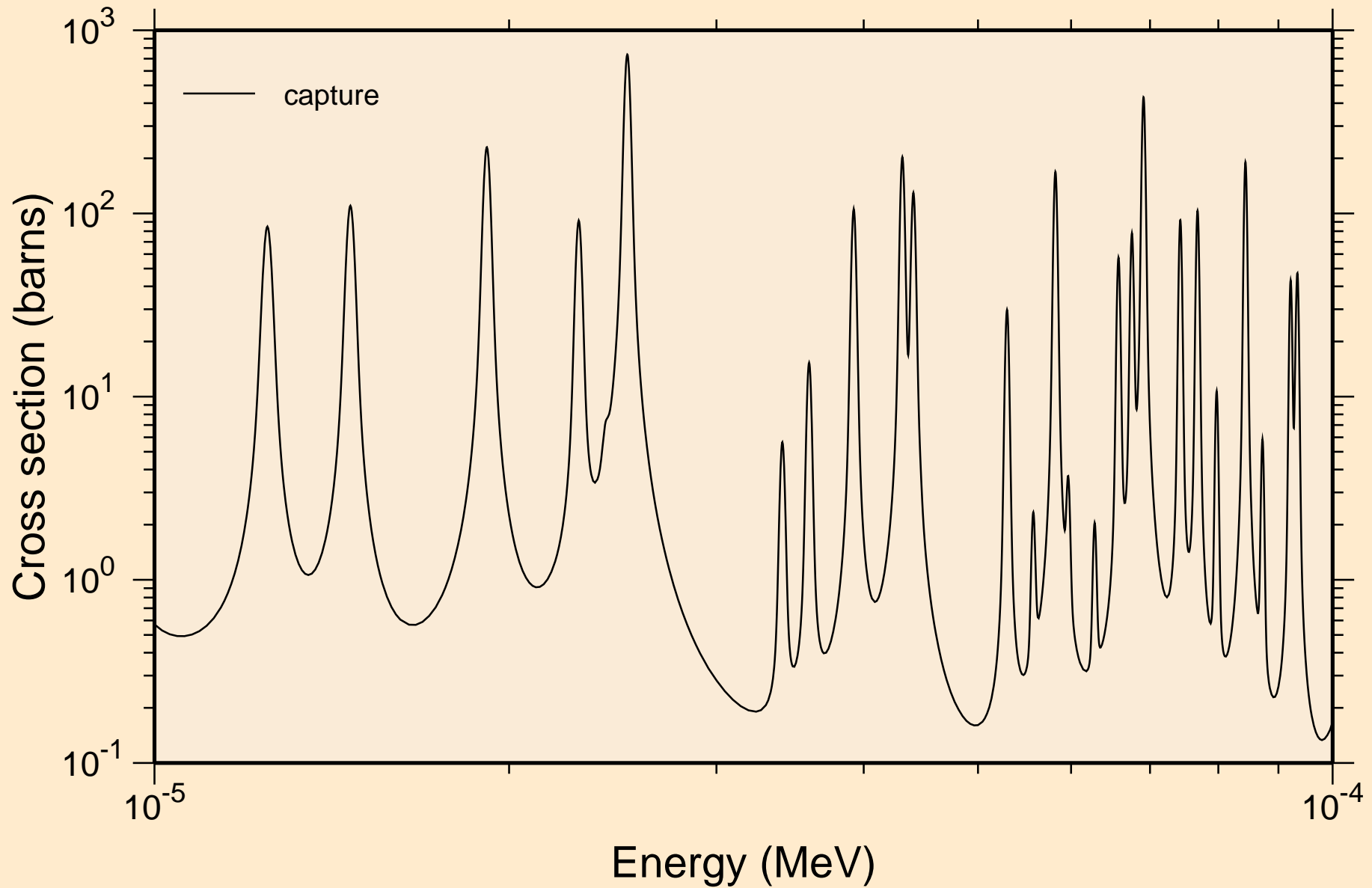
XE121 NRG TENDL-2015, AKONING  
resonance total cross section



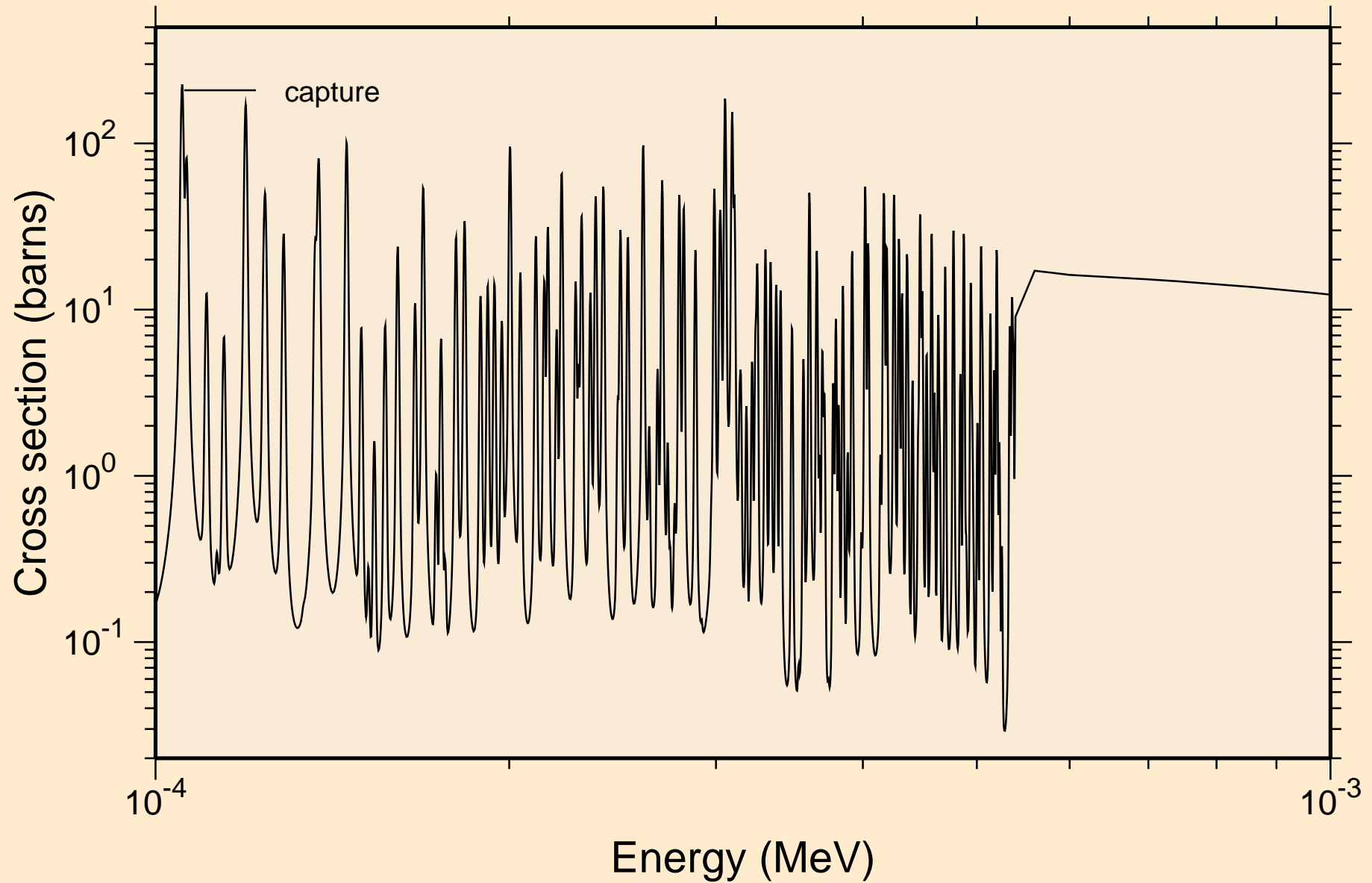
XE121 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# XE121 NRG TENDL-2015, AKONING resonance absorption cross sections

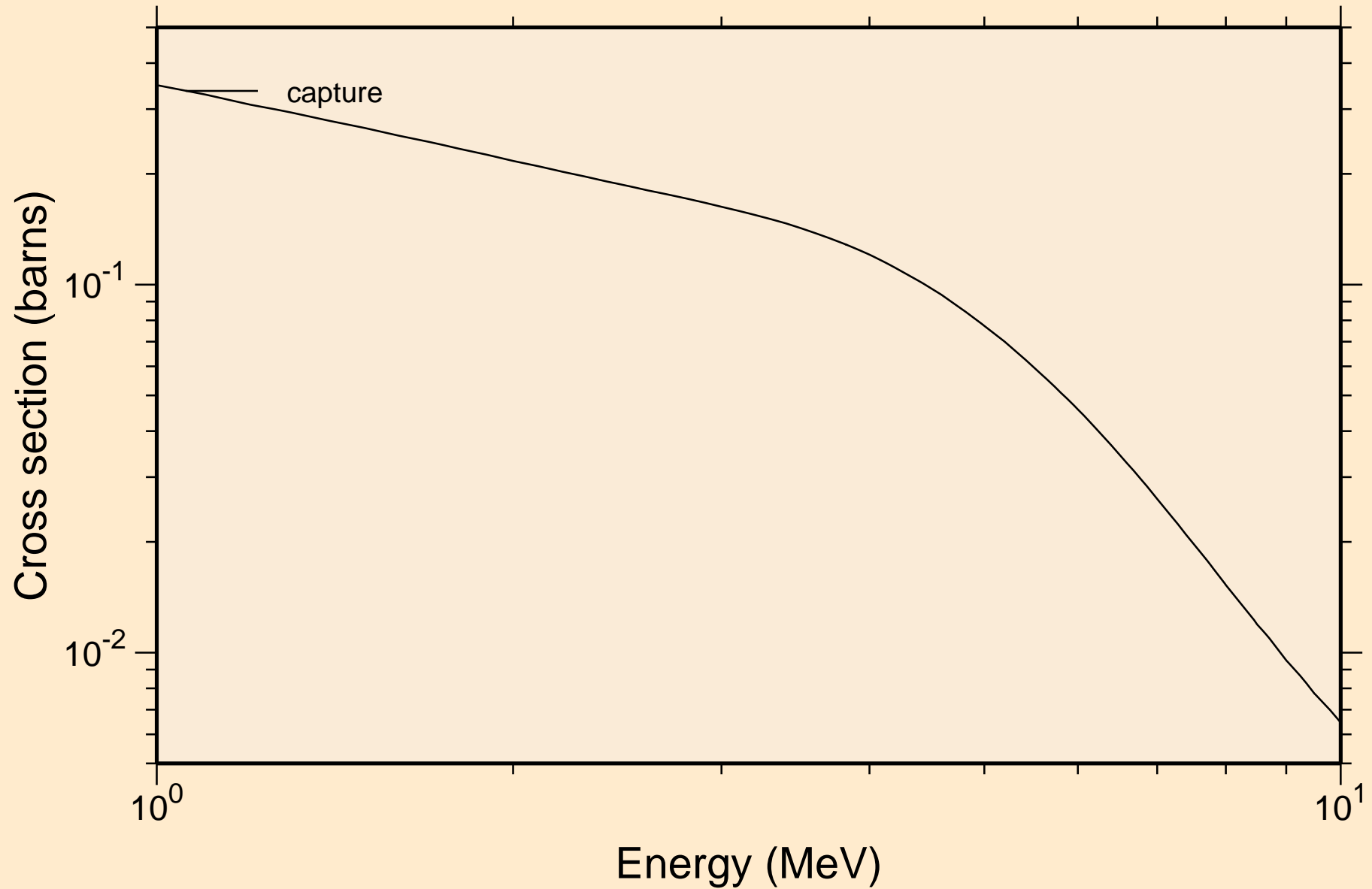


XE121 NRG TENDL-2015, AKONING  
resonance absorption cross sections



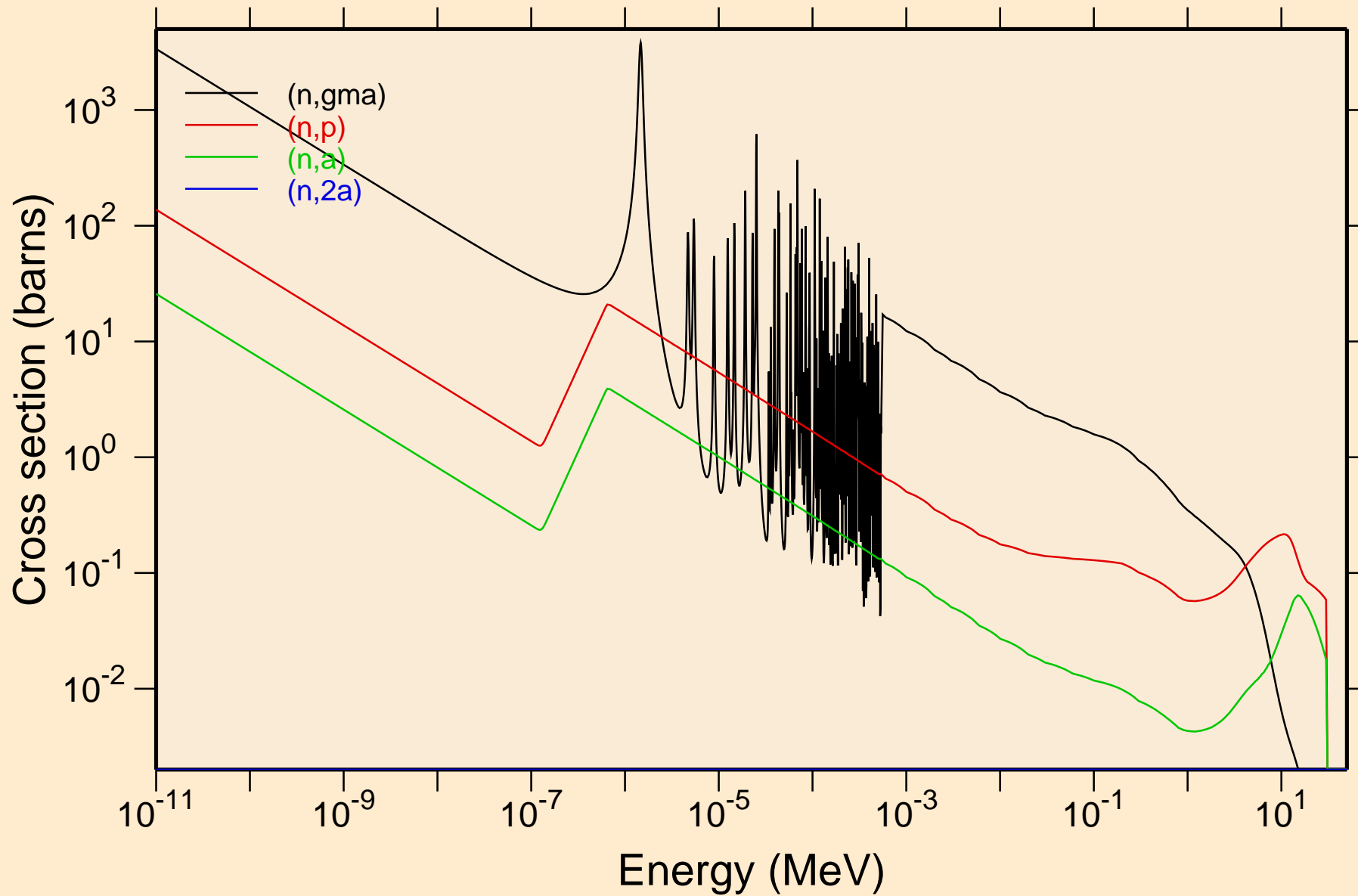


XE121 NRG TENDL-2015, AKONING  
resonance absorption cross sections



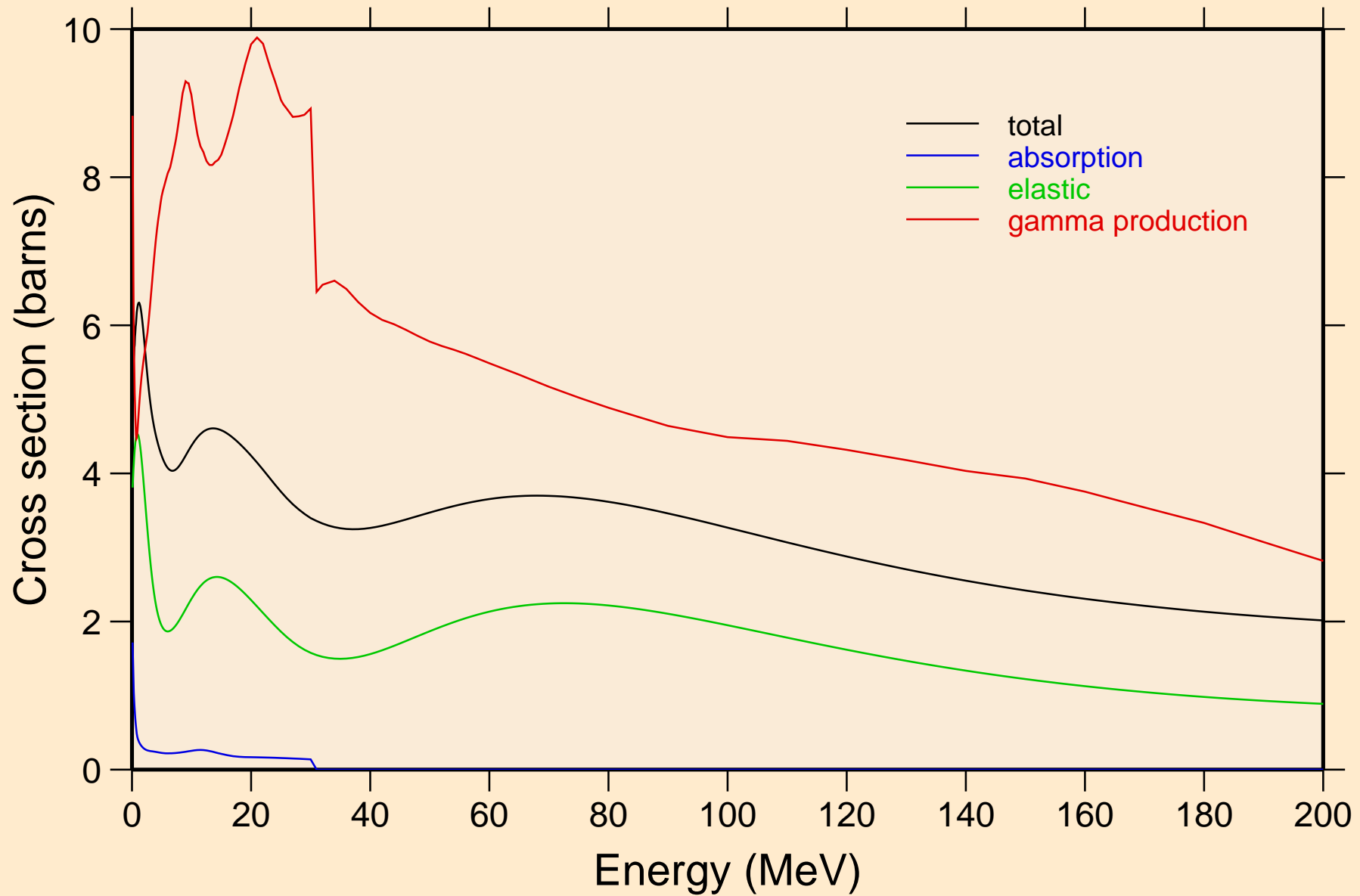
# XE121 NRG TENDL-2015, AKONING

## Non-threshold reactions



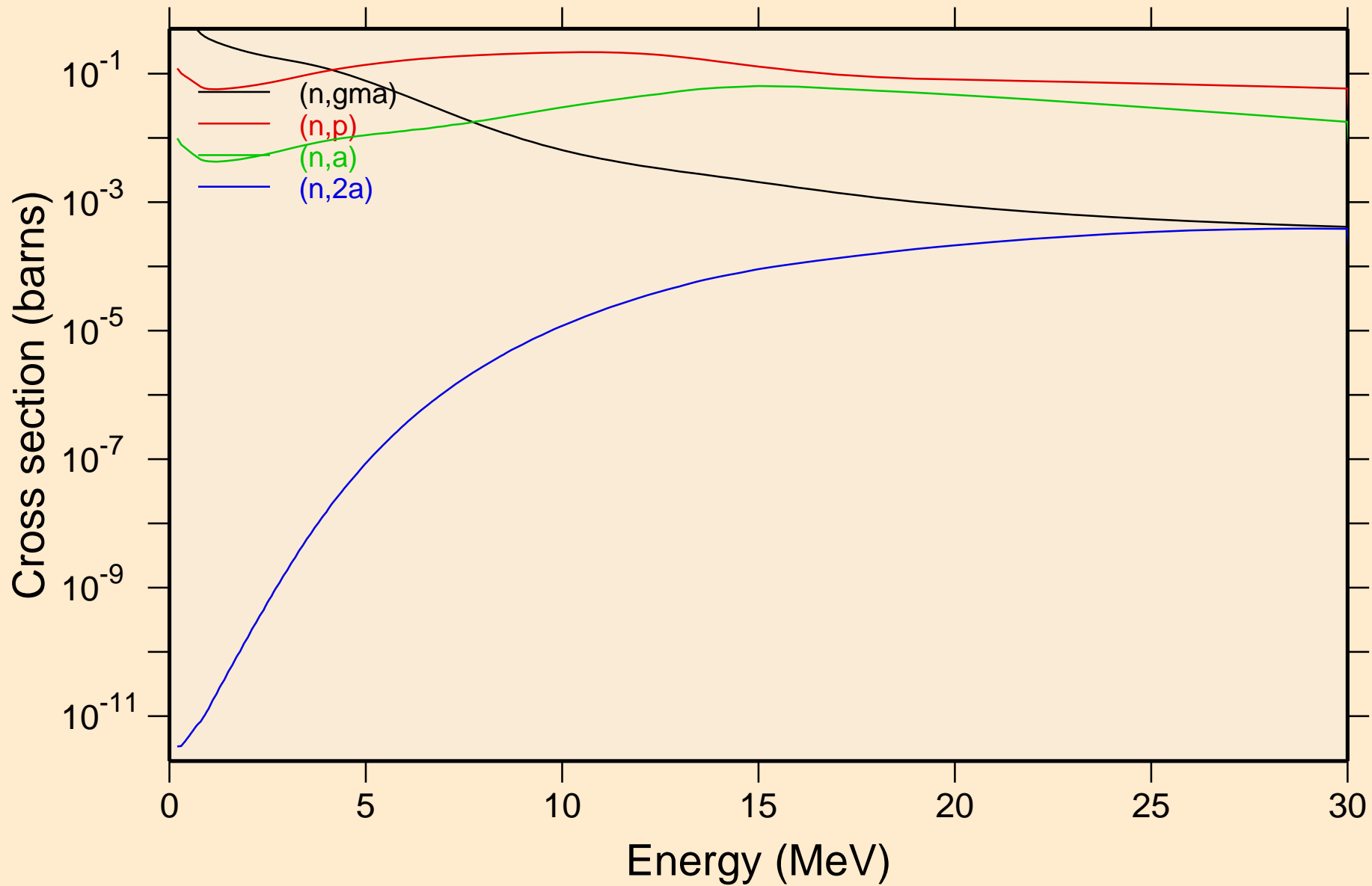
# XE121 NRG TENDL-2015, AKONING

## Principal cross sections



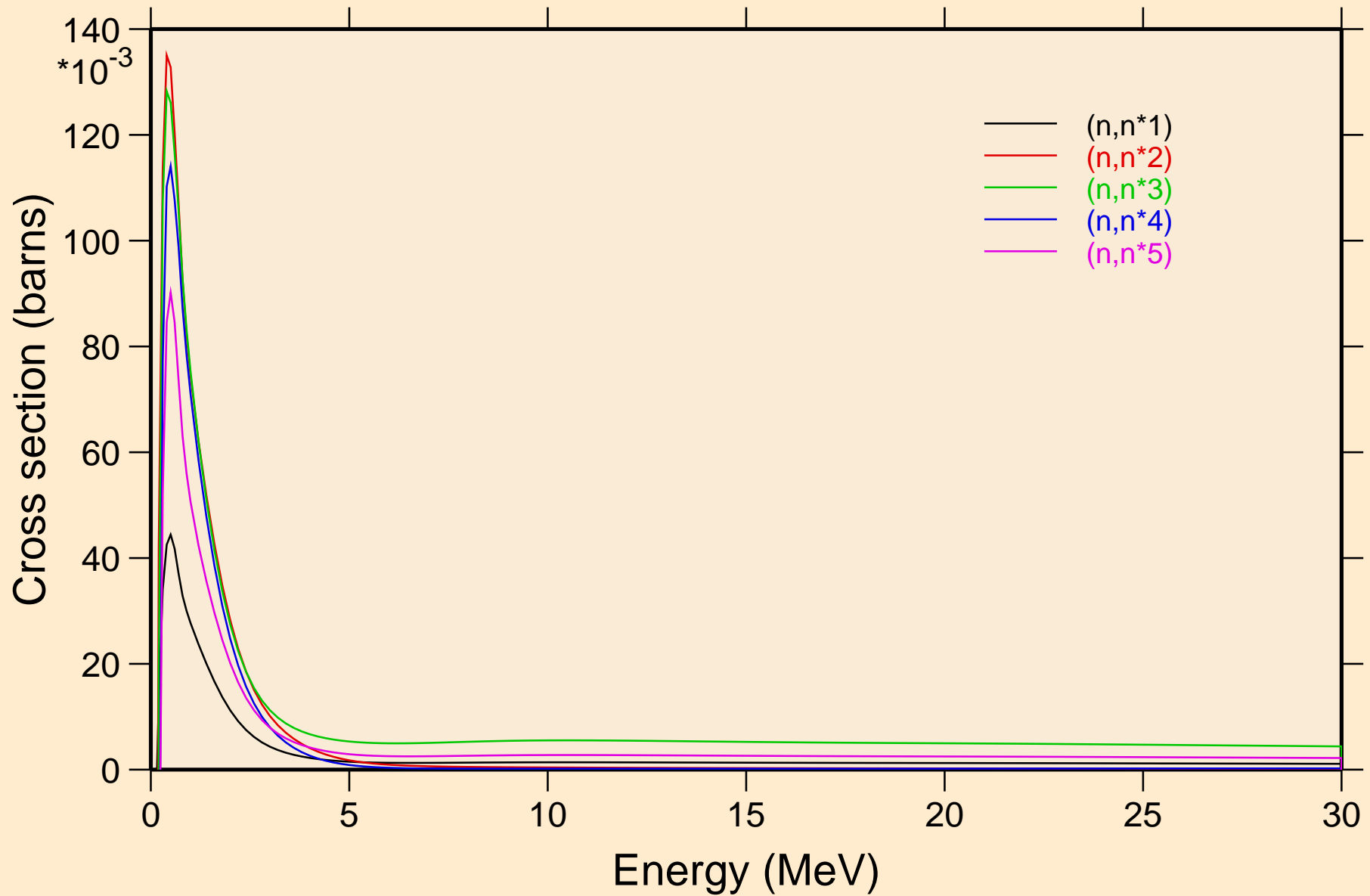
# XE121 NRG TENDL-2015, AKONING

## Non-threshold reactions



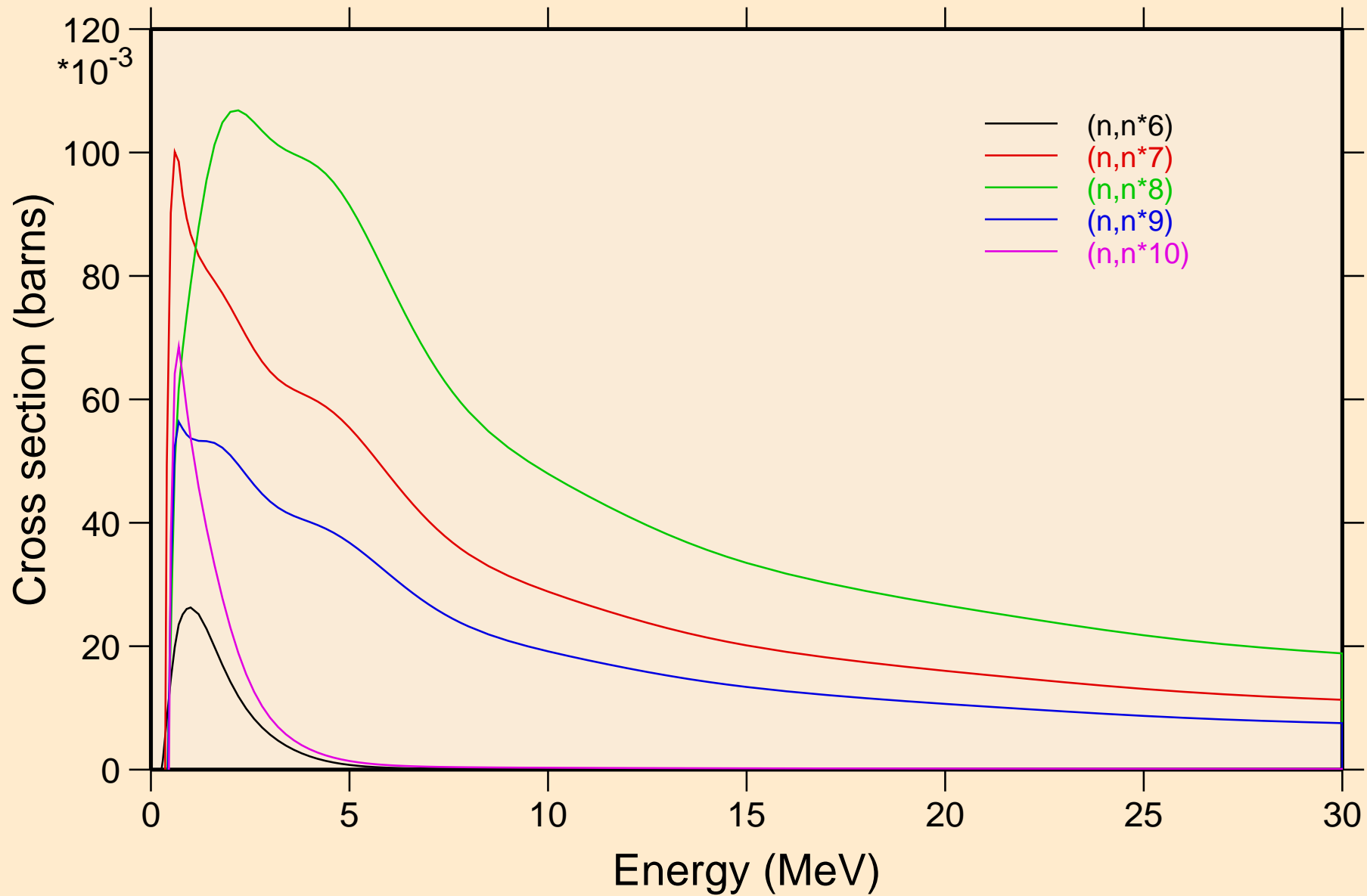
# XE121 NRG TENDL-2015, AKONING

## Inelastic levels



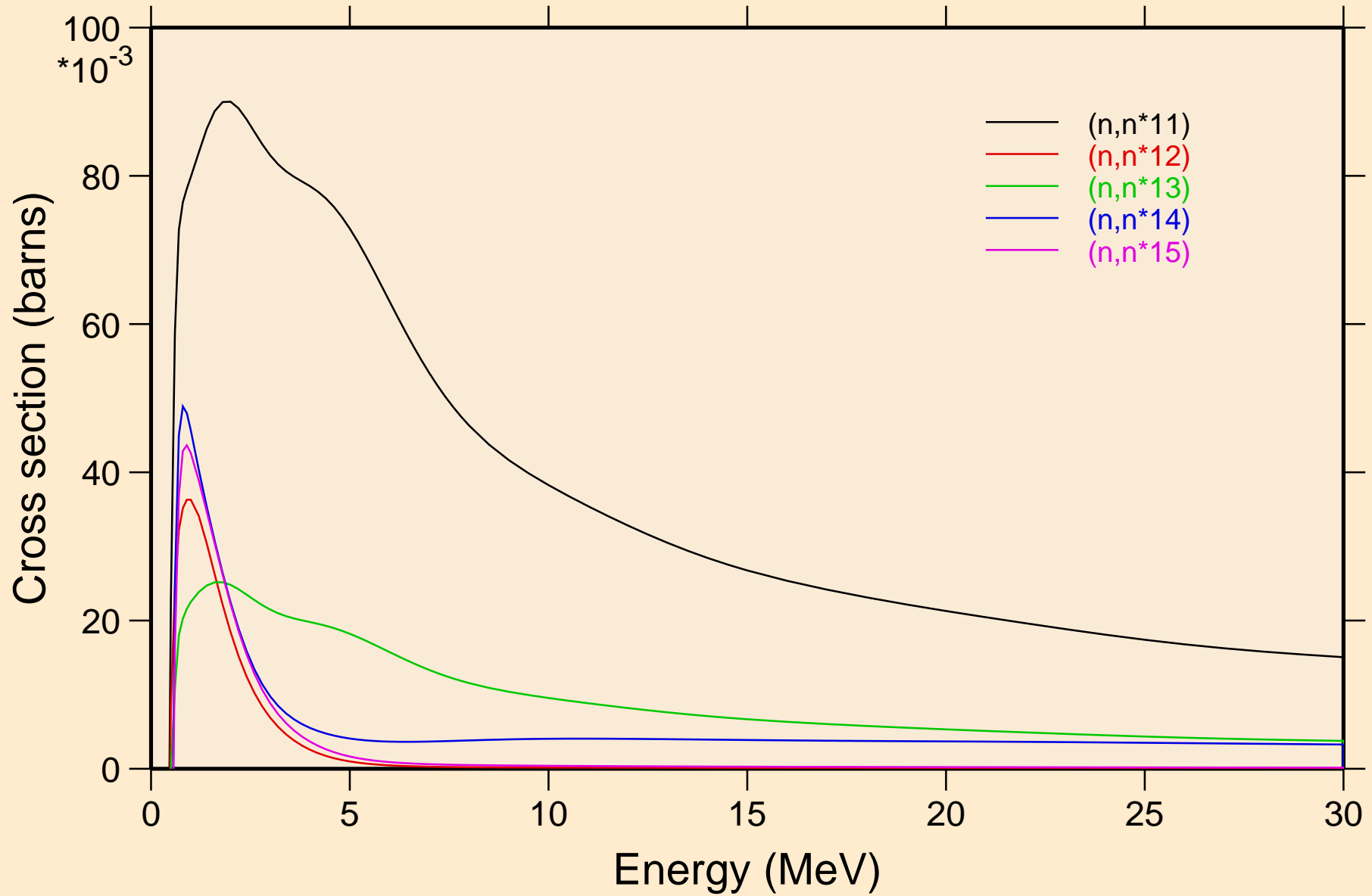
# XE121 NRG TENDL-2015, AKONING

## Inelastic levels



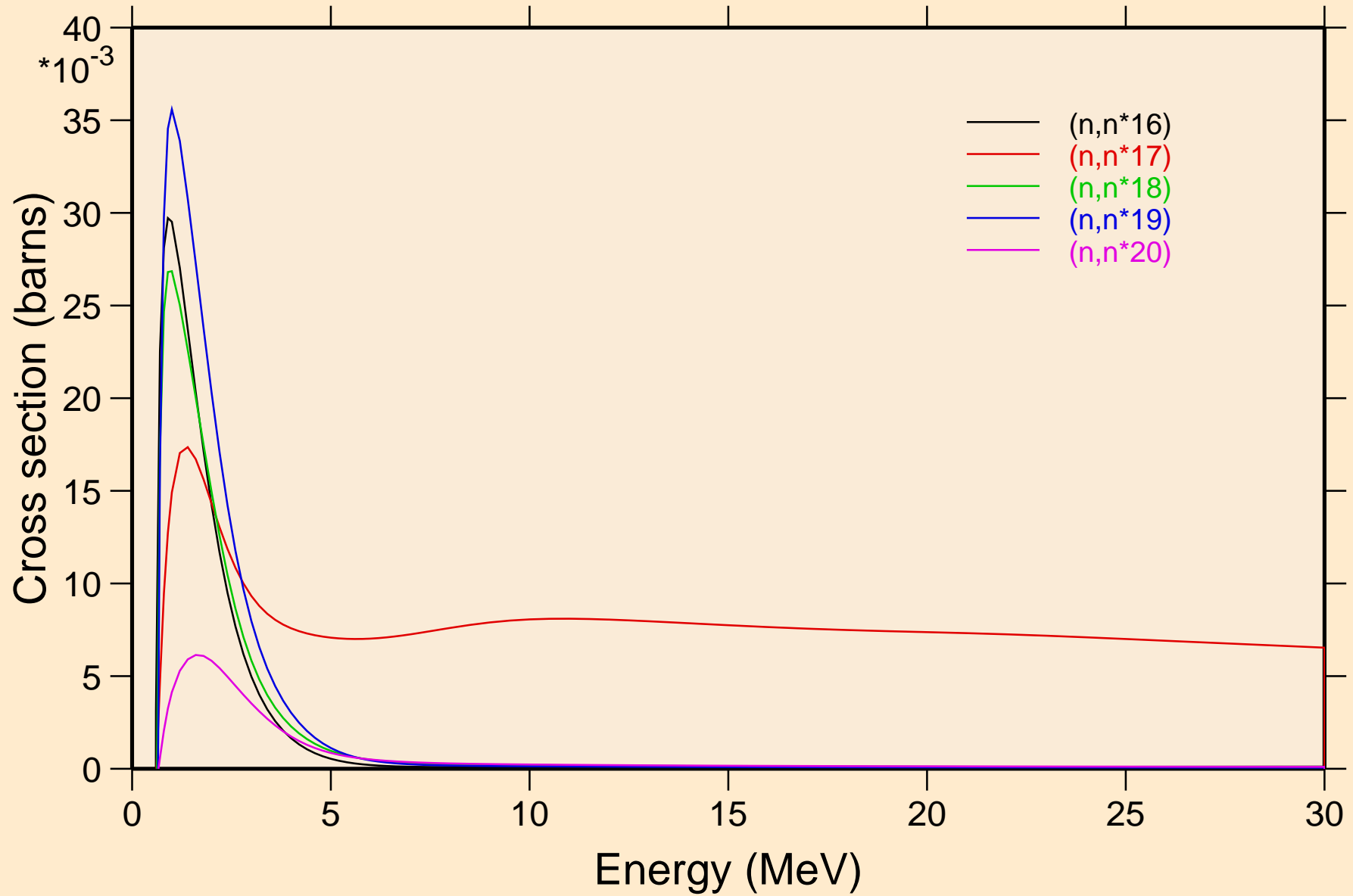
# XE121 NRG TENDL-2015, AKONING

## Inelastic levels



# XE121 NRG TENDL-2015, AKONING

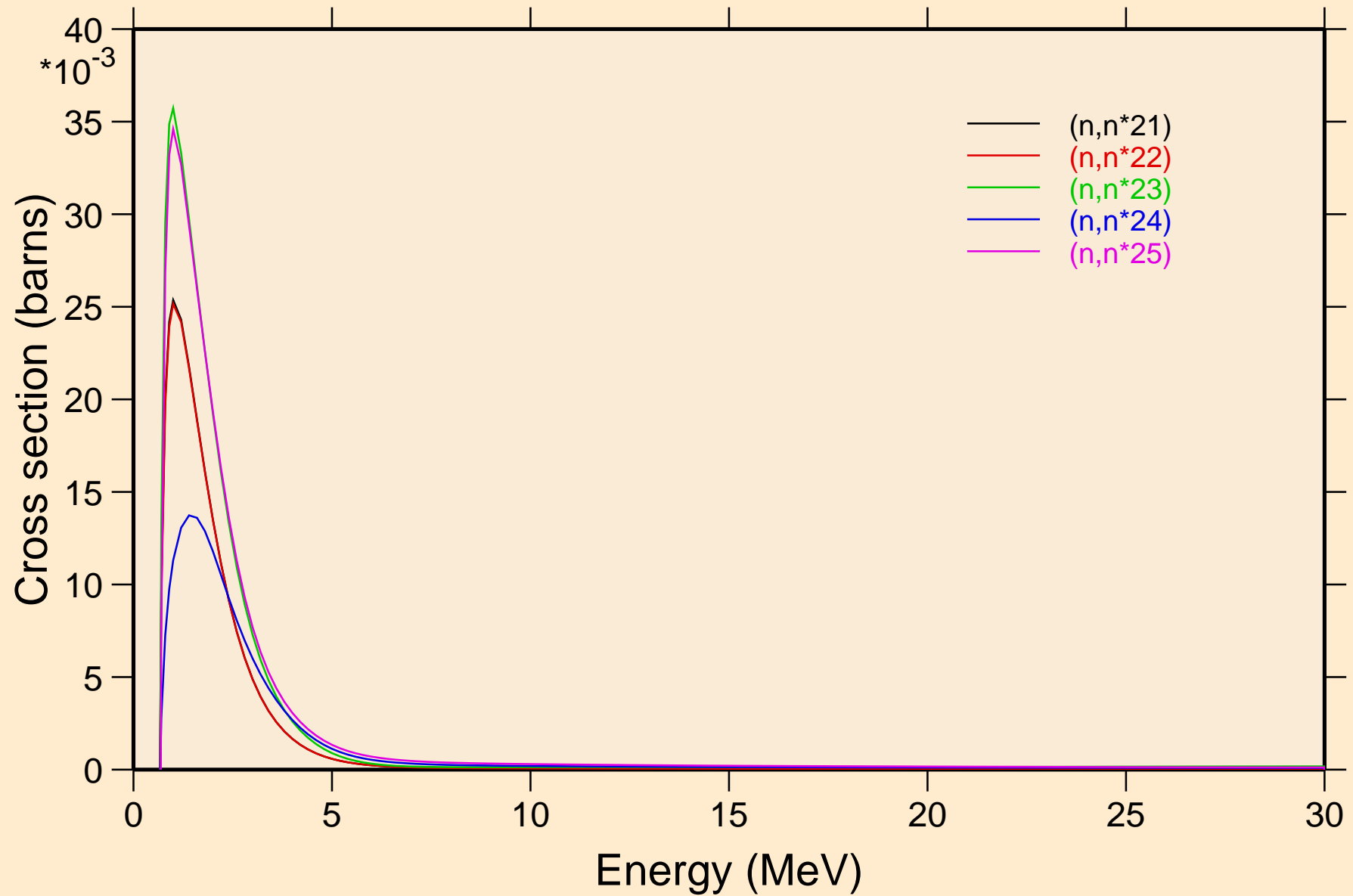
## Inelastic levels





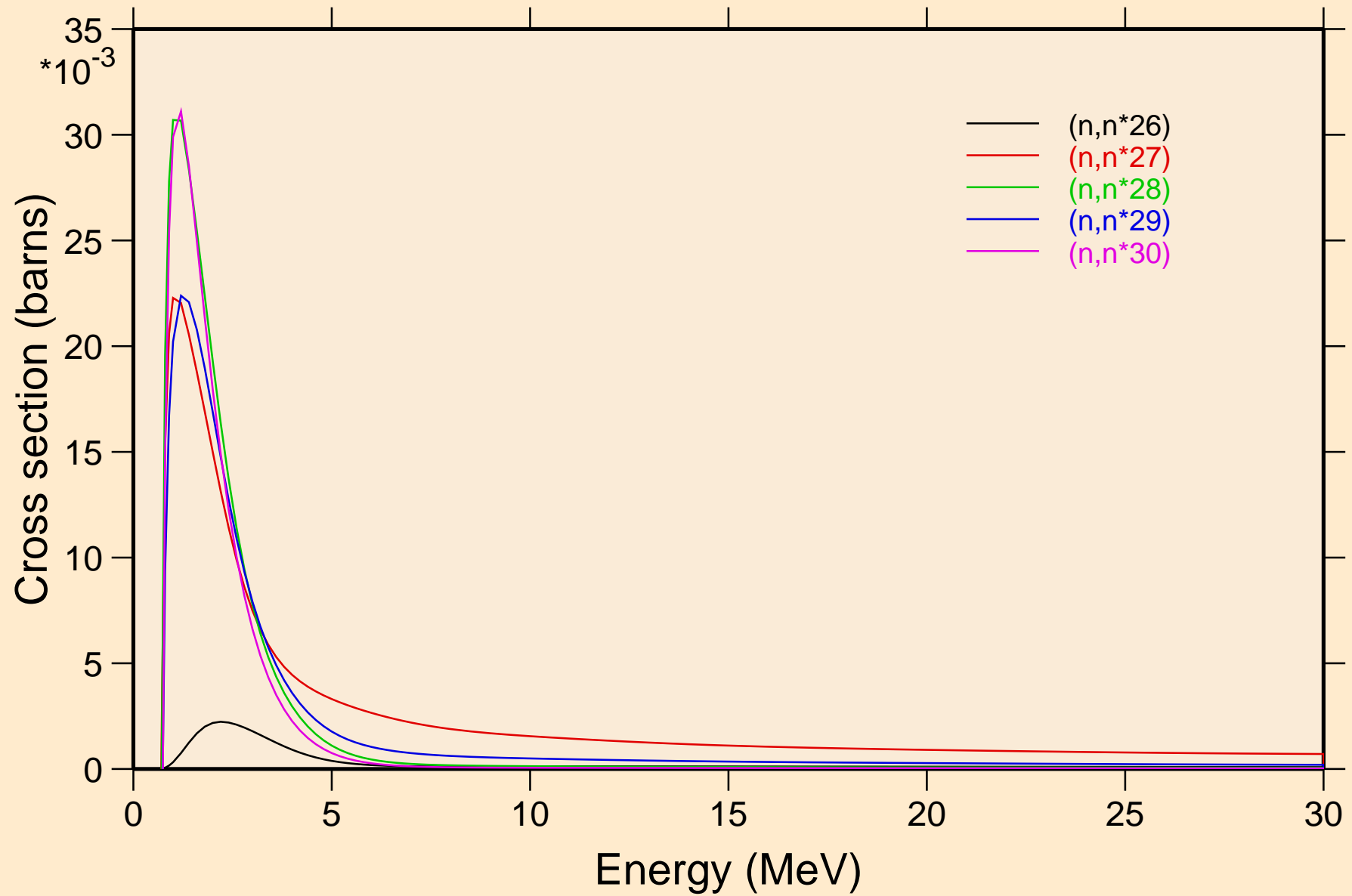
# XE121 NRG TENDL-2015, AKONING

## Inelastic levels



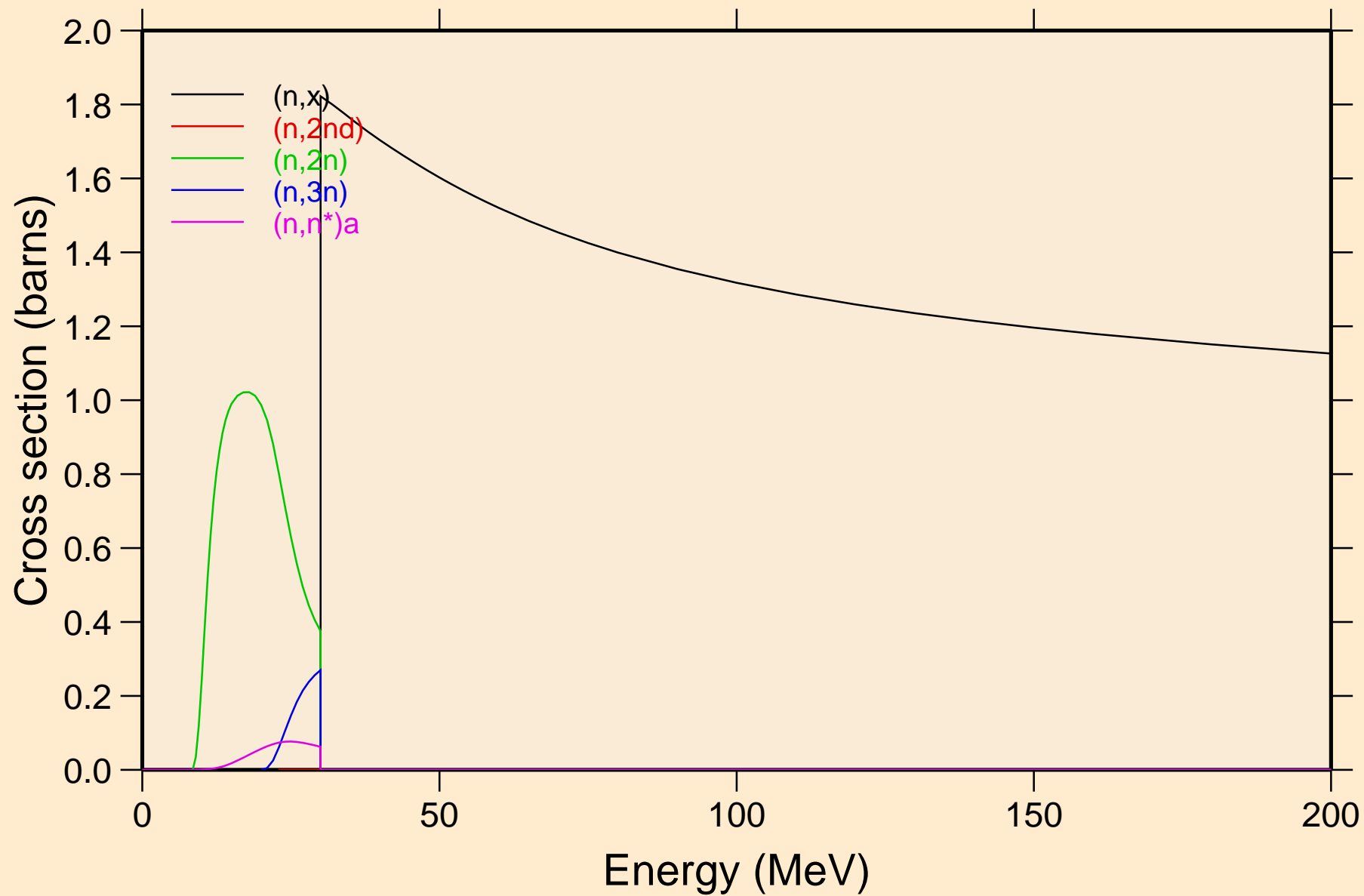
# XE121 NRG TENDL-2015, AKONING

## Inelastic levels



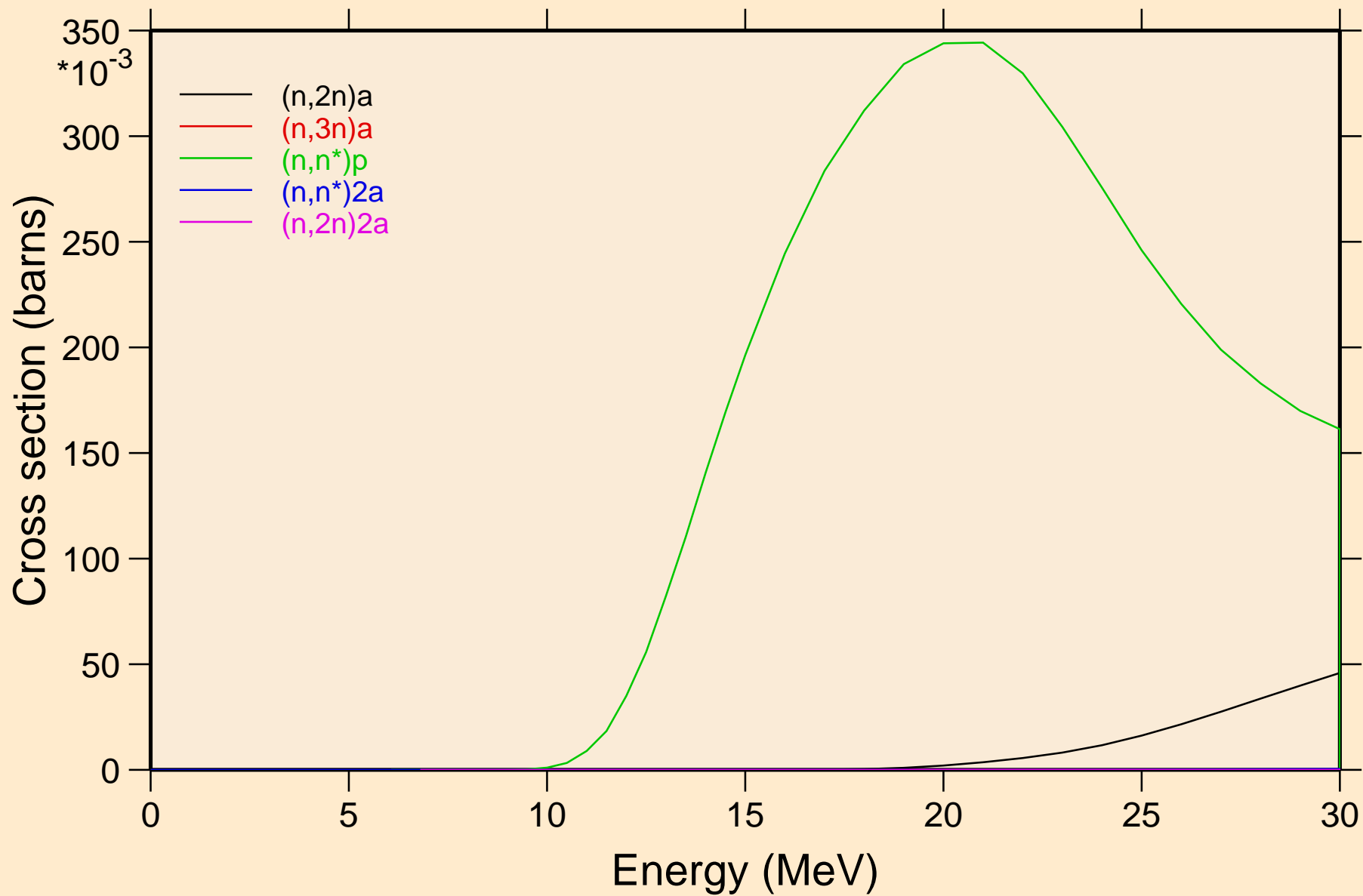
# XE121 NRG TENDL-2015, AKONING

## Threshold reactions



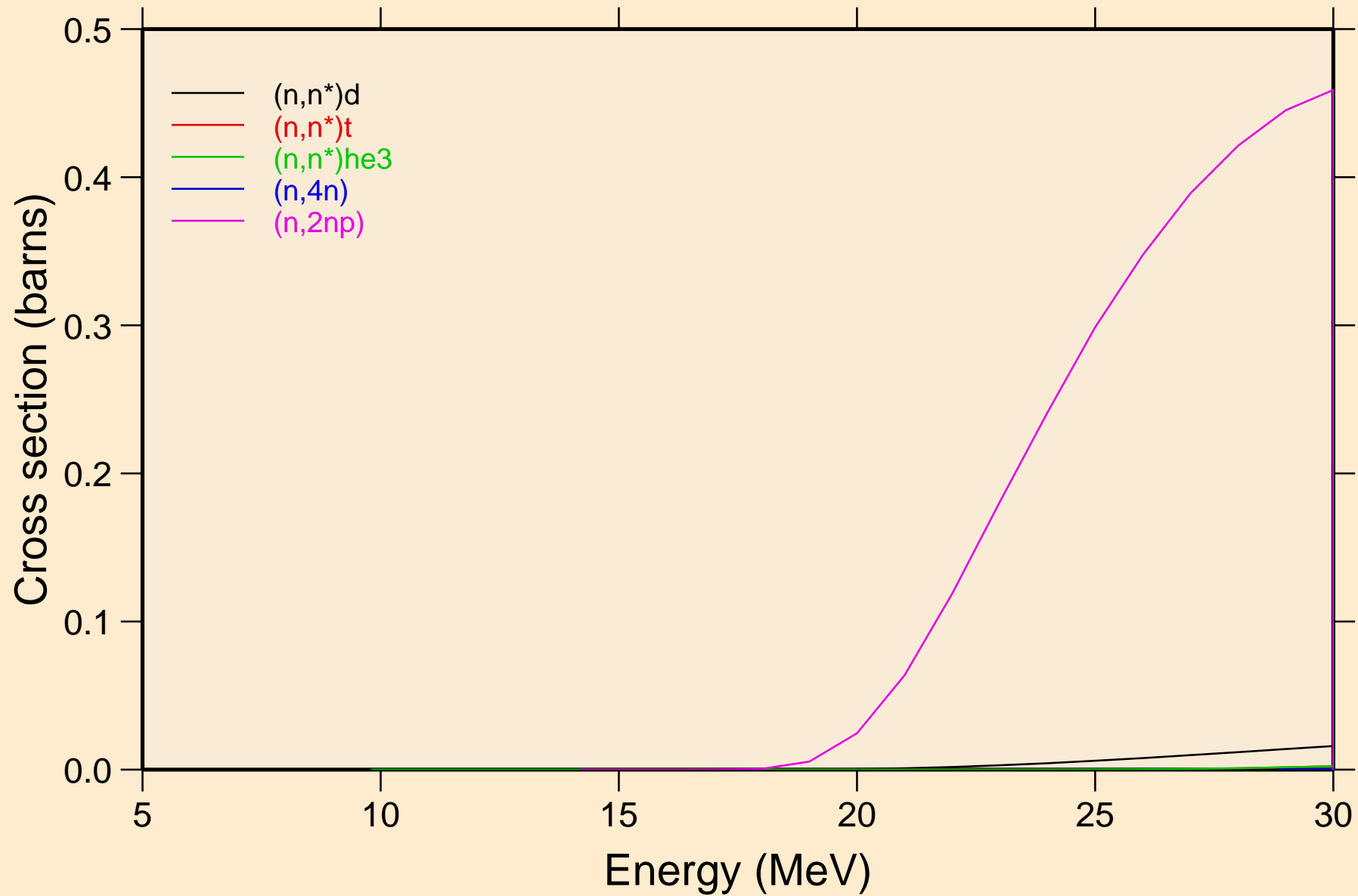
# XE121 NRG TENDL-2015, AKONING

## Threshold reactions



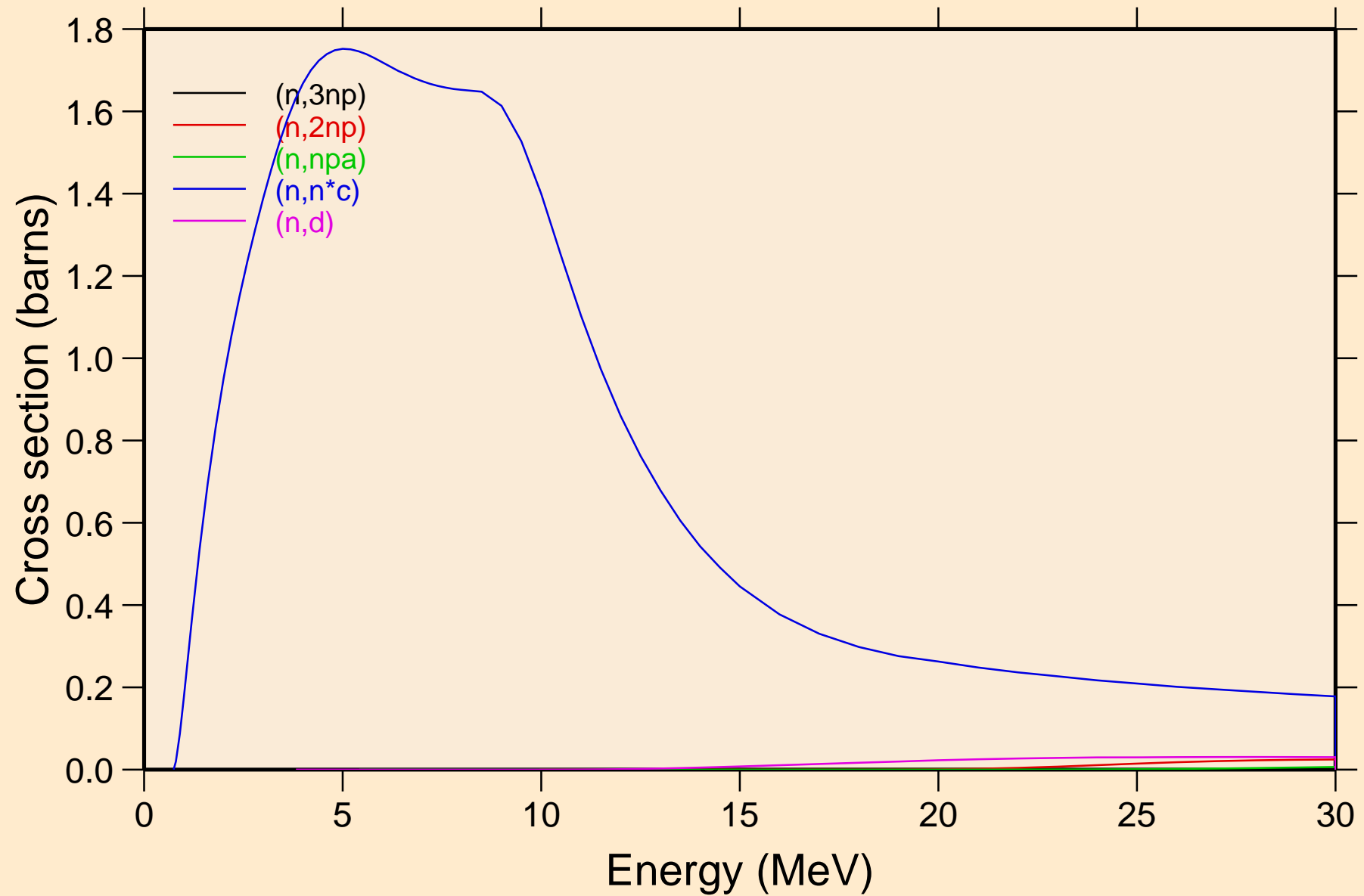
# XE121 NRG TENDL-2015, AKONING

## Threshold reactions



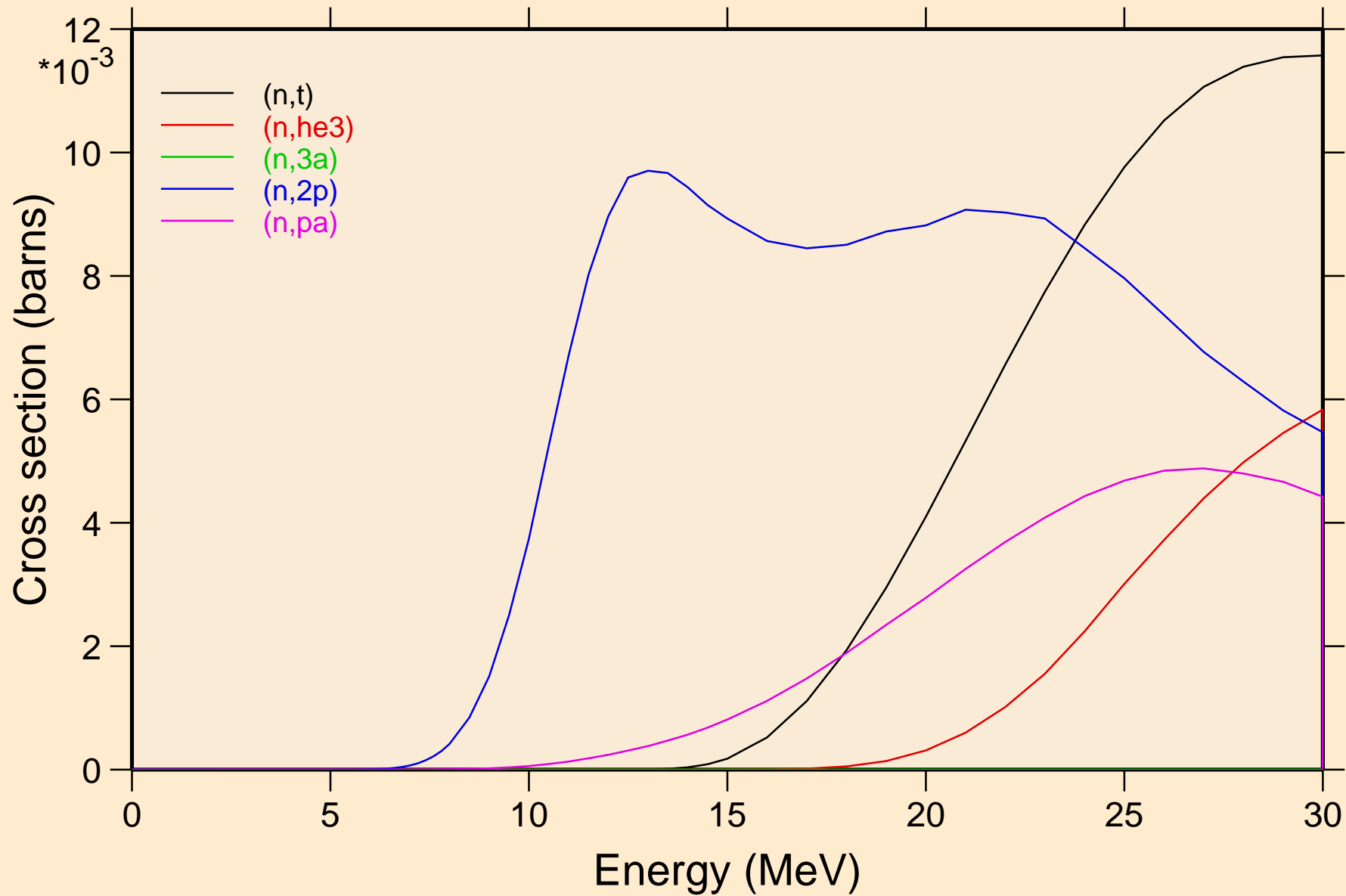
# XE121 NRG TENDL-2015, AKONING

## Threshold reactions



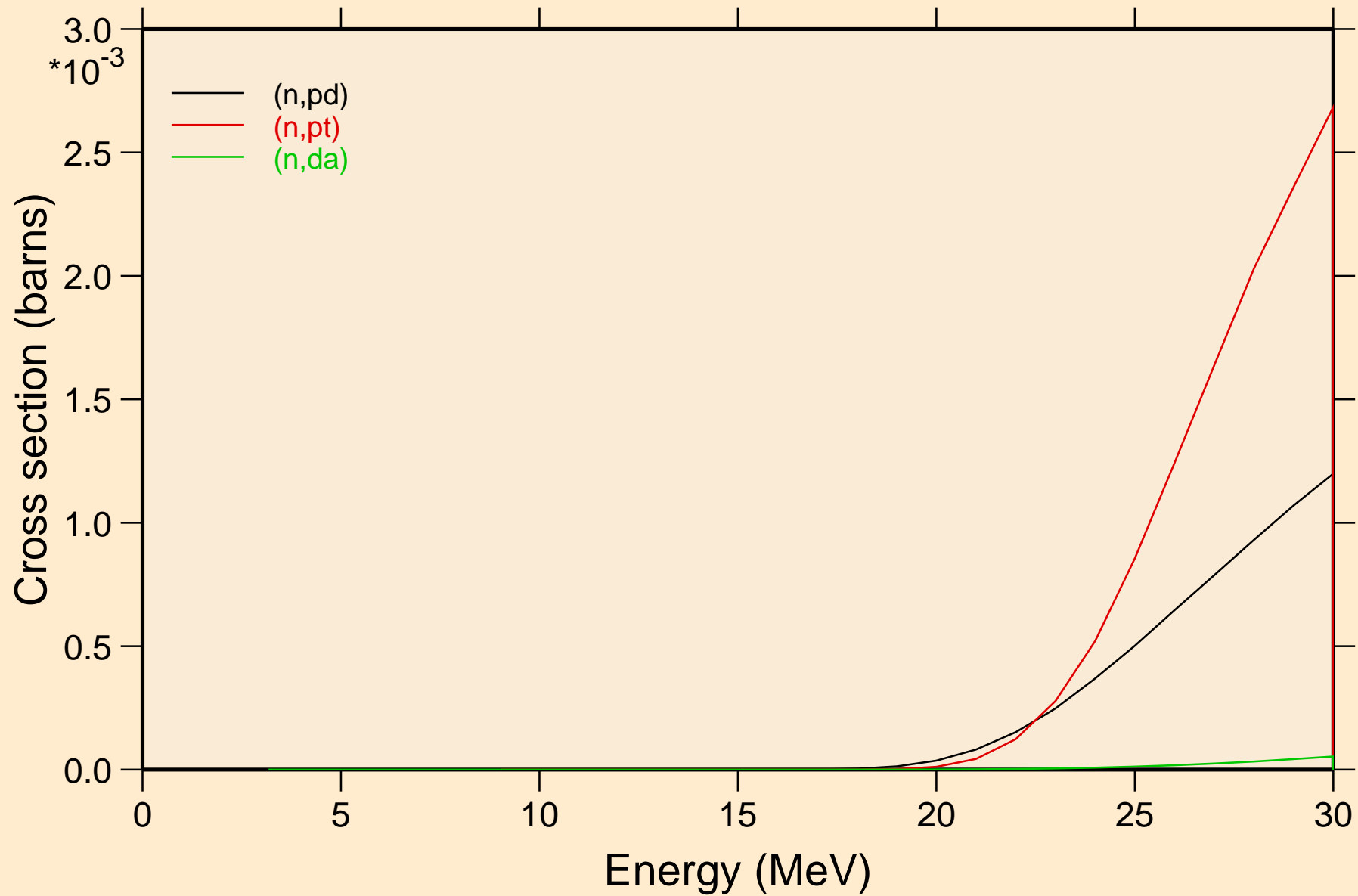
# XE121 NRG TENDL-2015, AKONING

## Threshold reactions



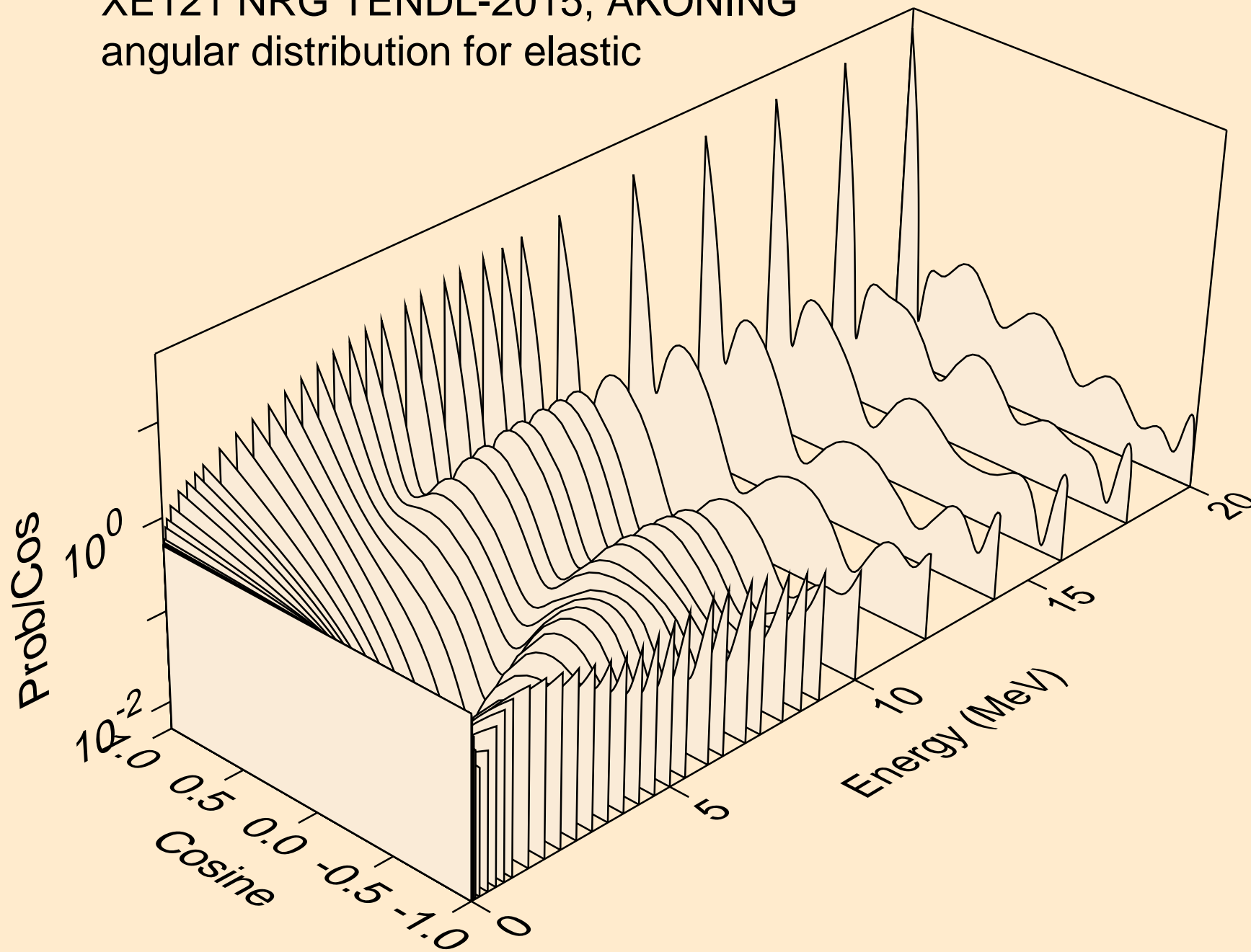
# XE121 NRG TENDL-2015, AKONING

## Threshold reactions

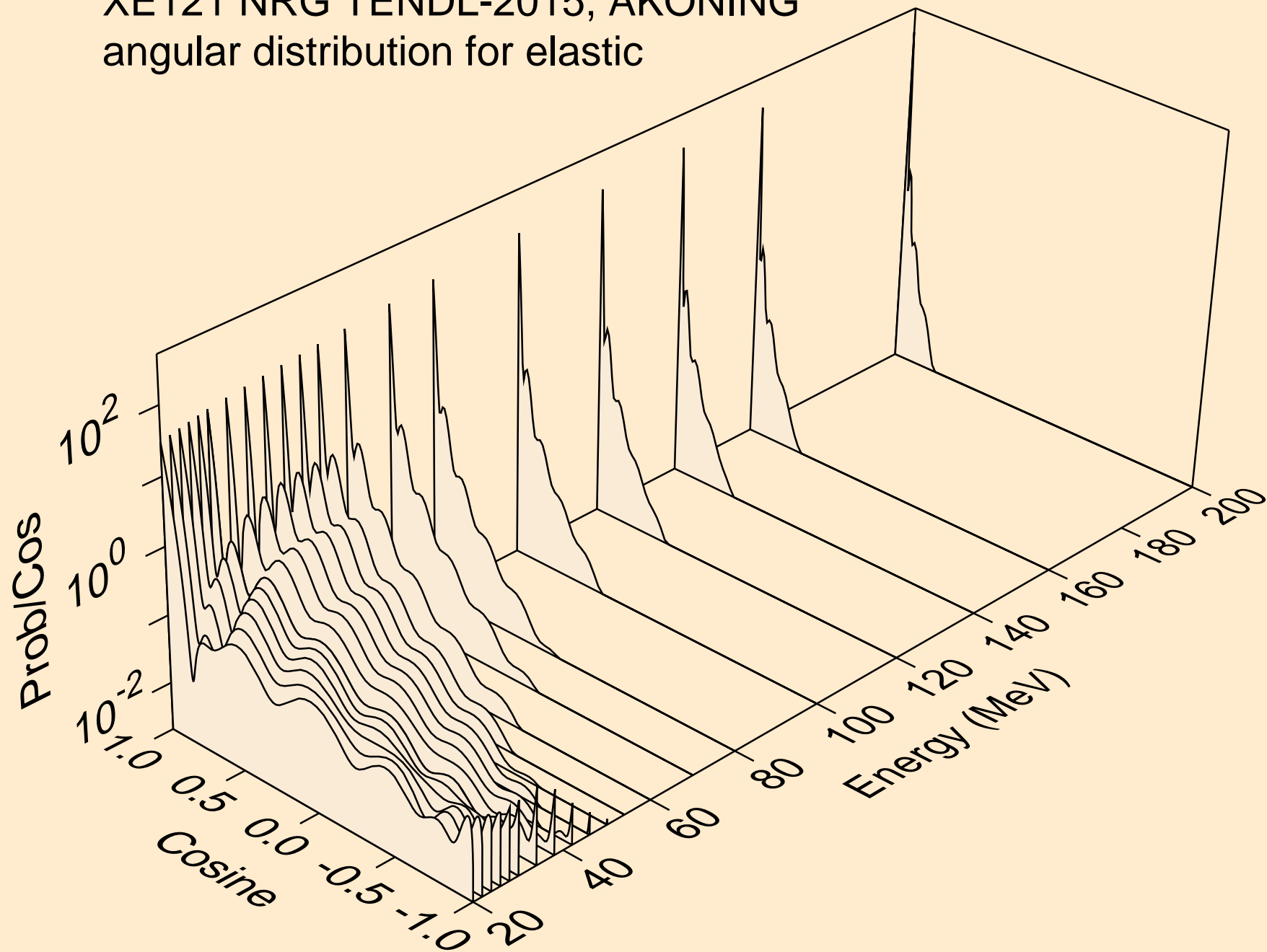




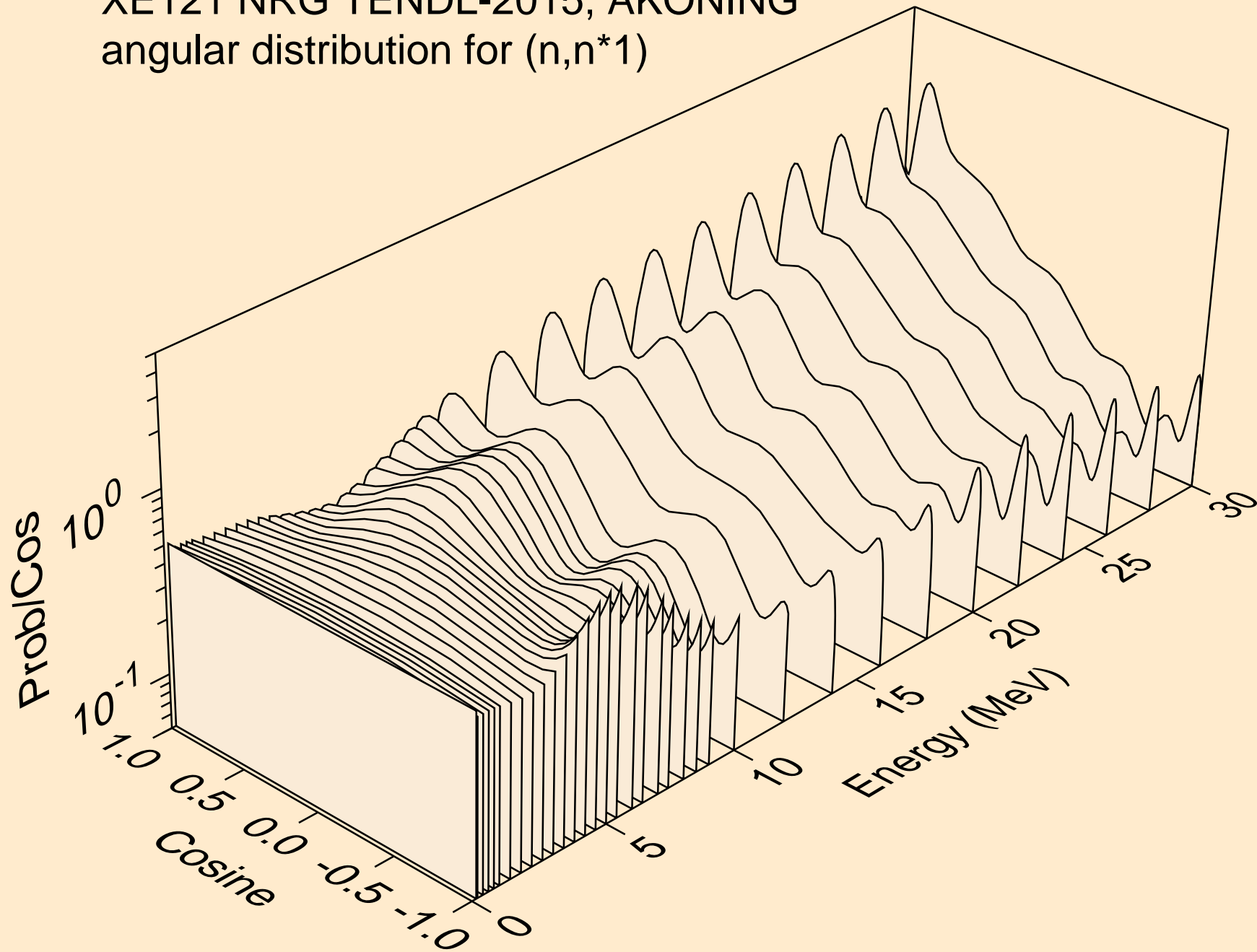
XE121 NRG TENDL-2015, AKONING  
angular distribution for elastic



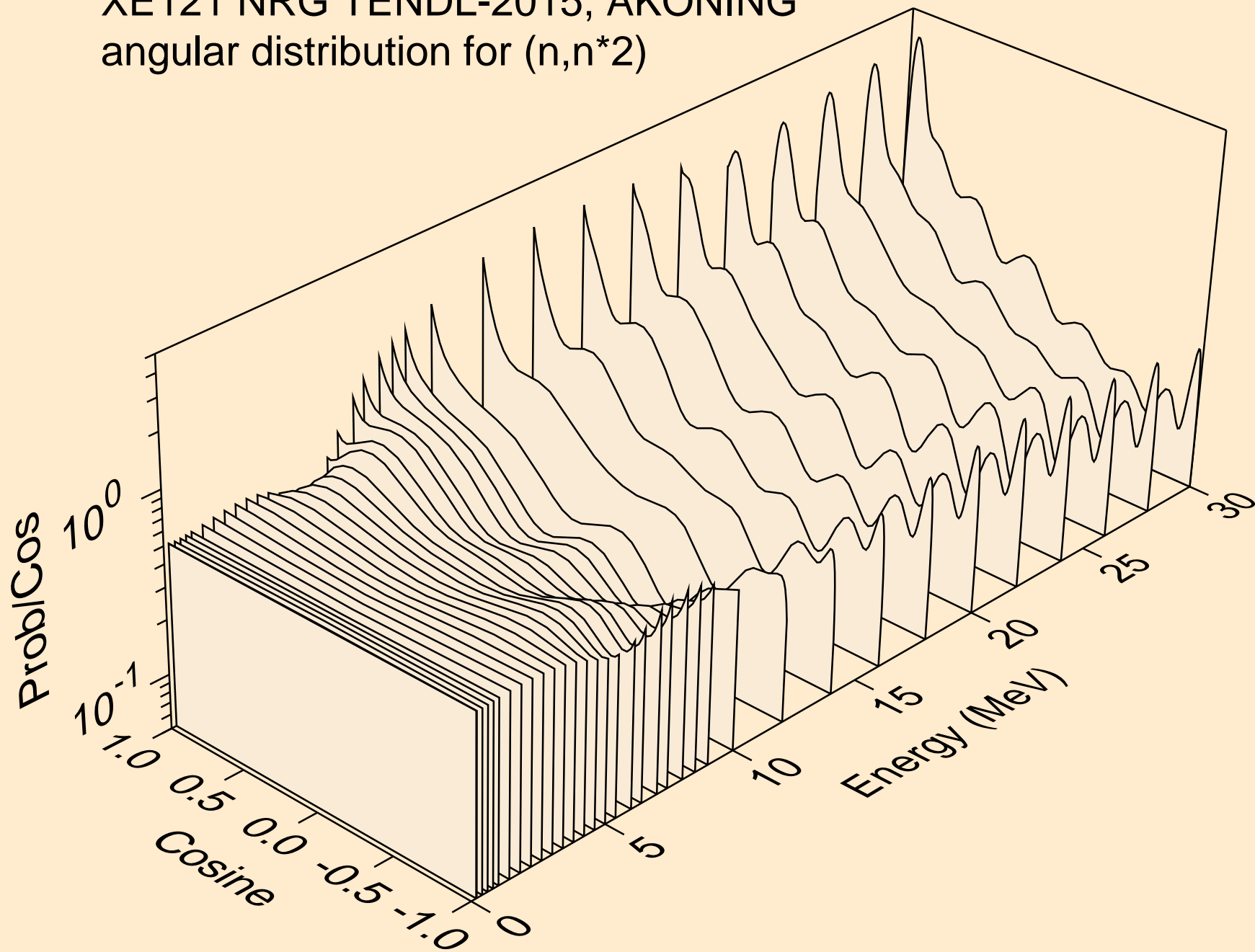
XE121 NRG TENDL-2015, AKONING  
angular distribution for elastic



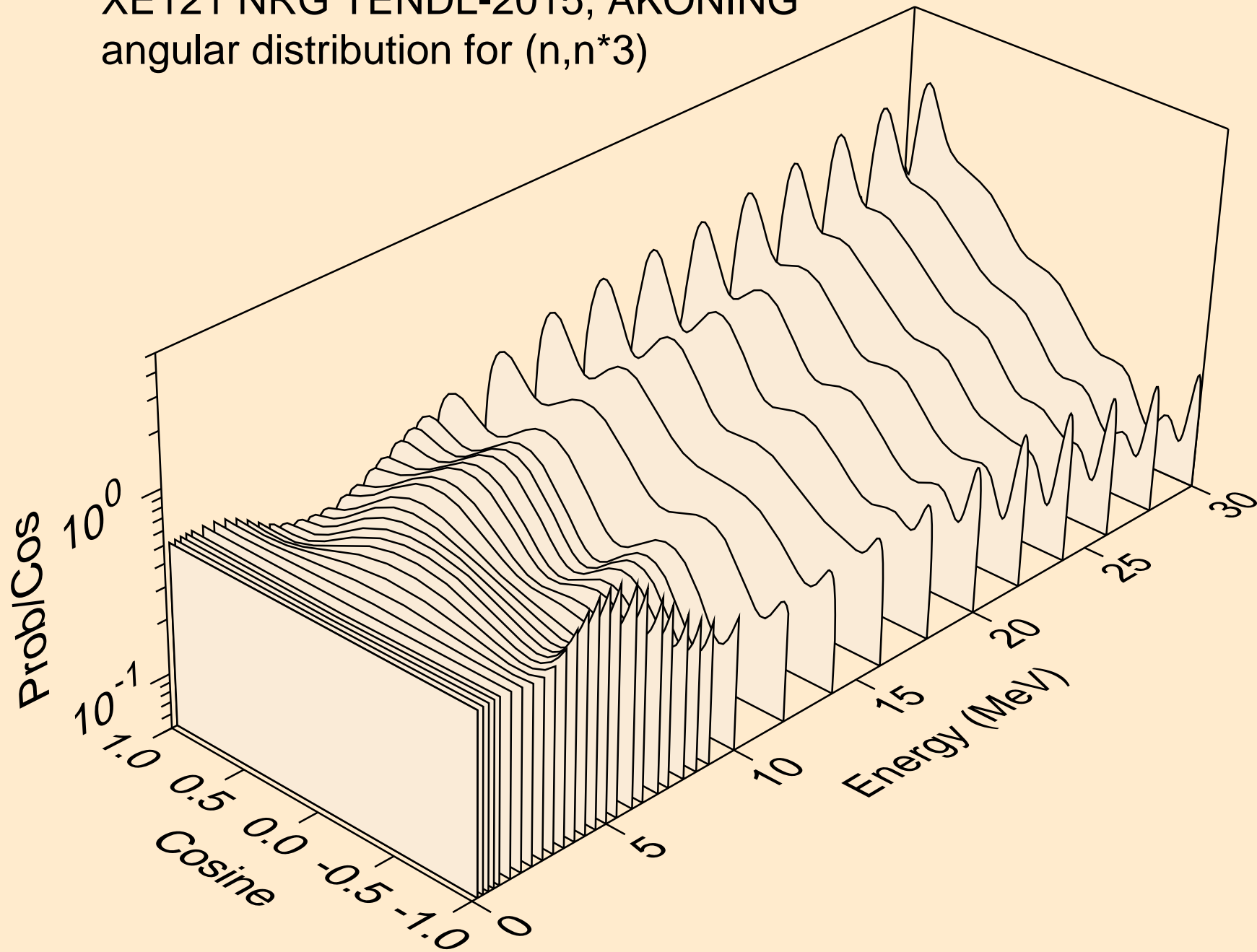
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



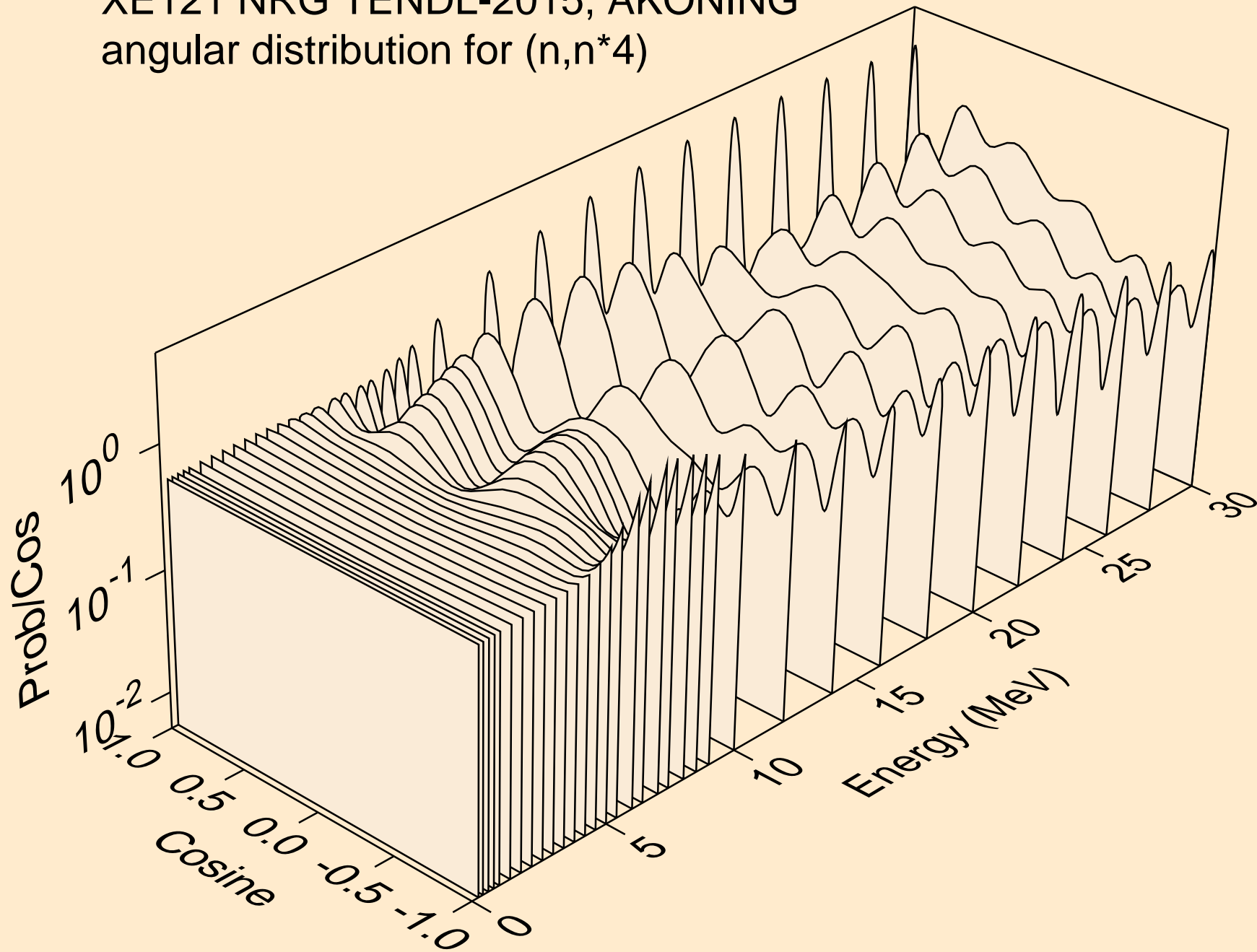
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



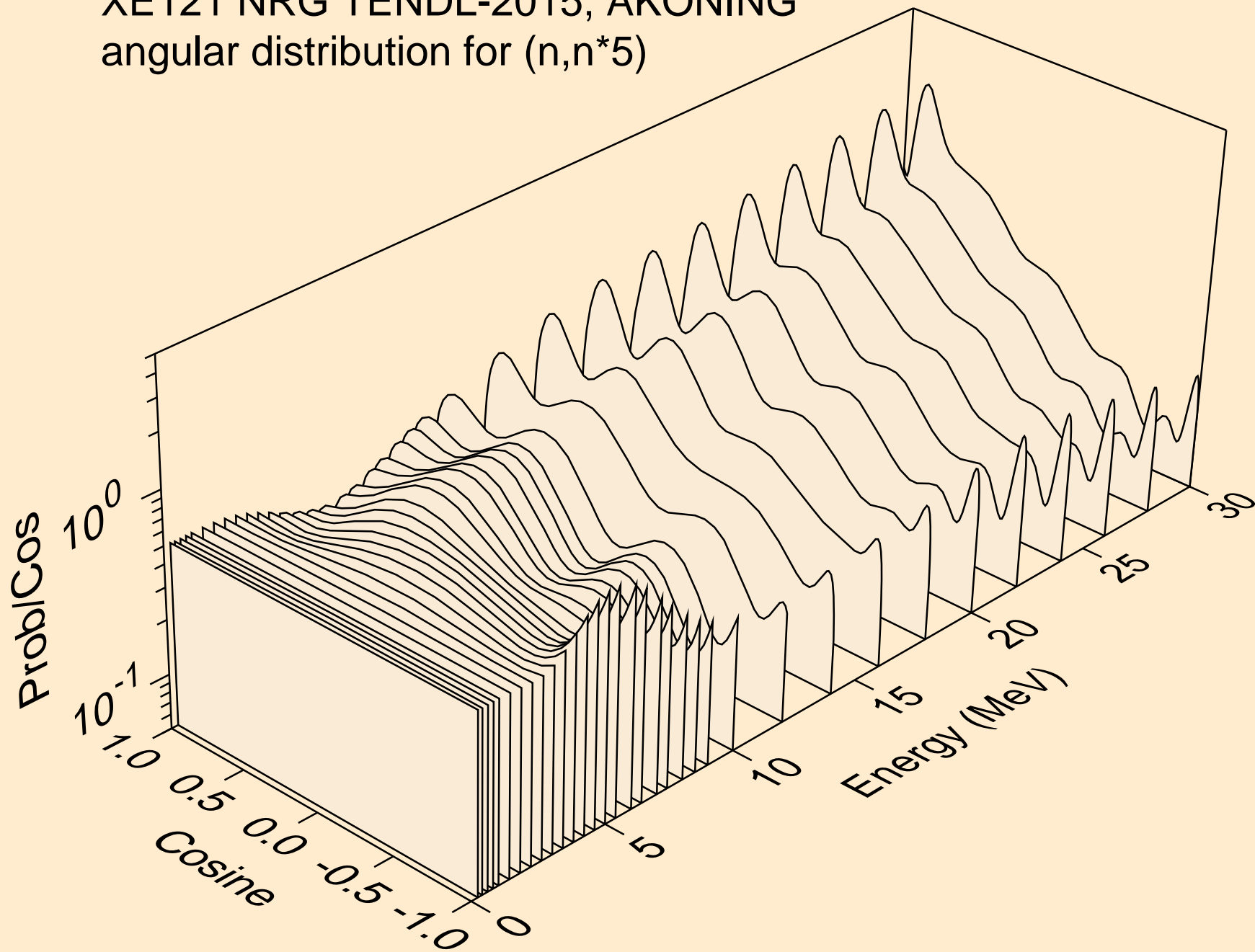
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



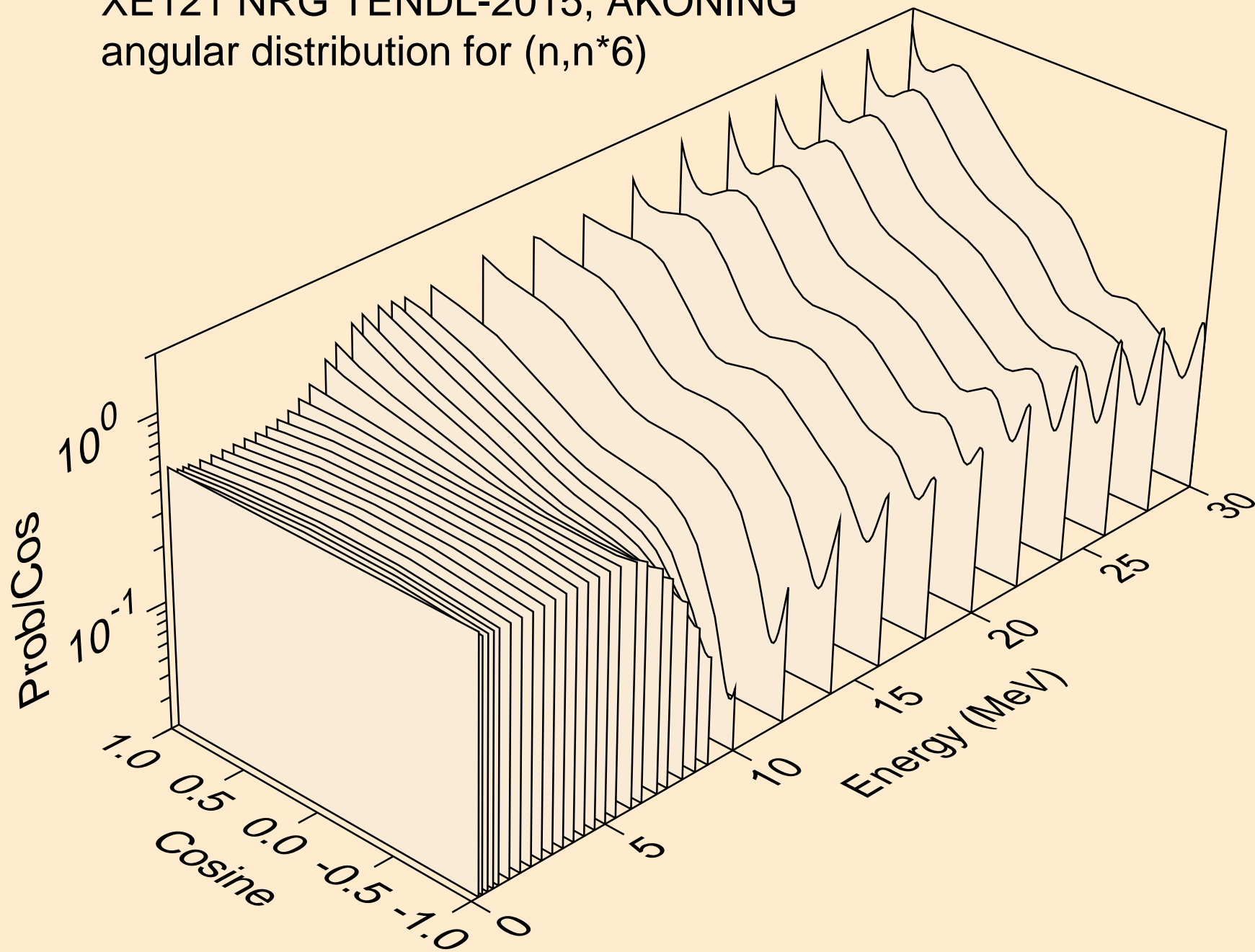
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

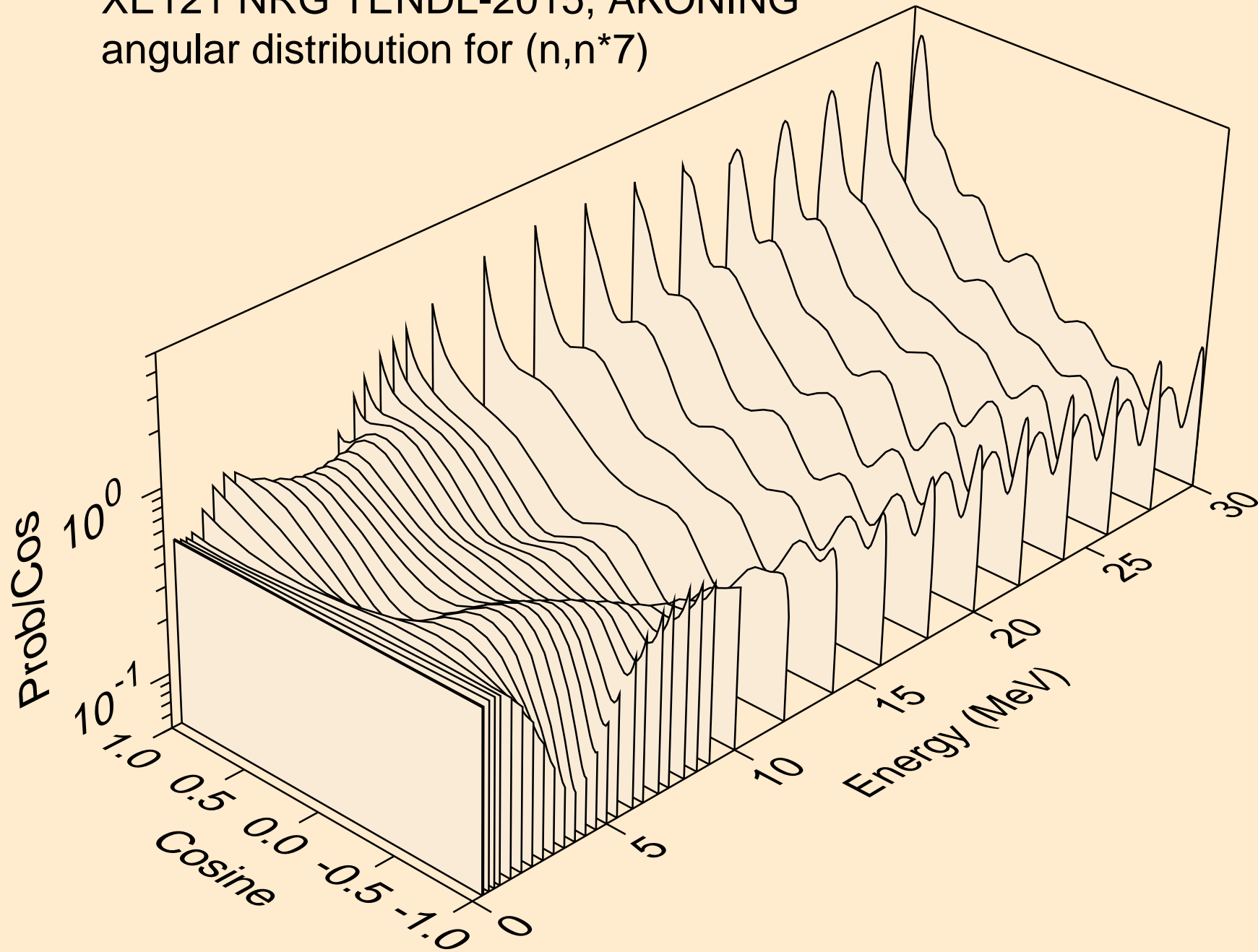


XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

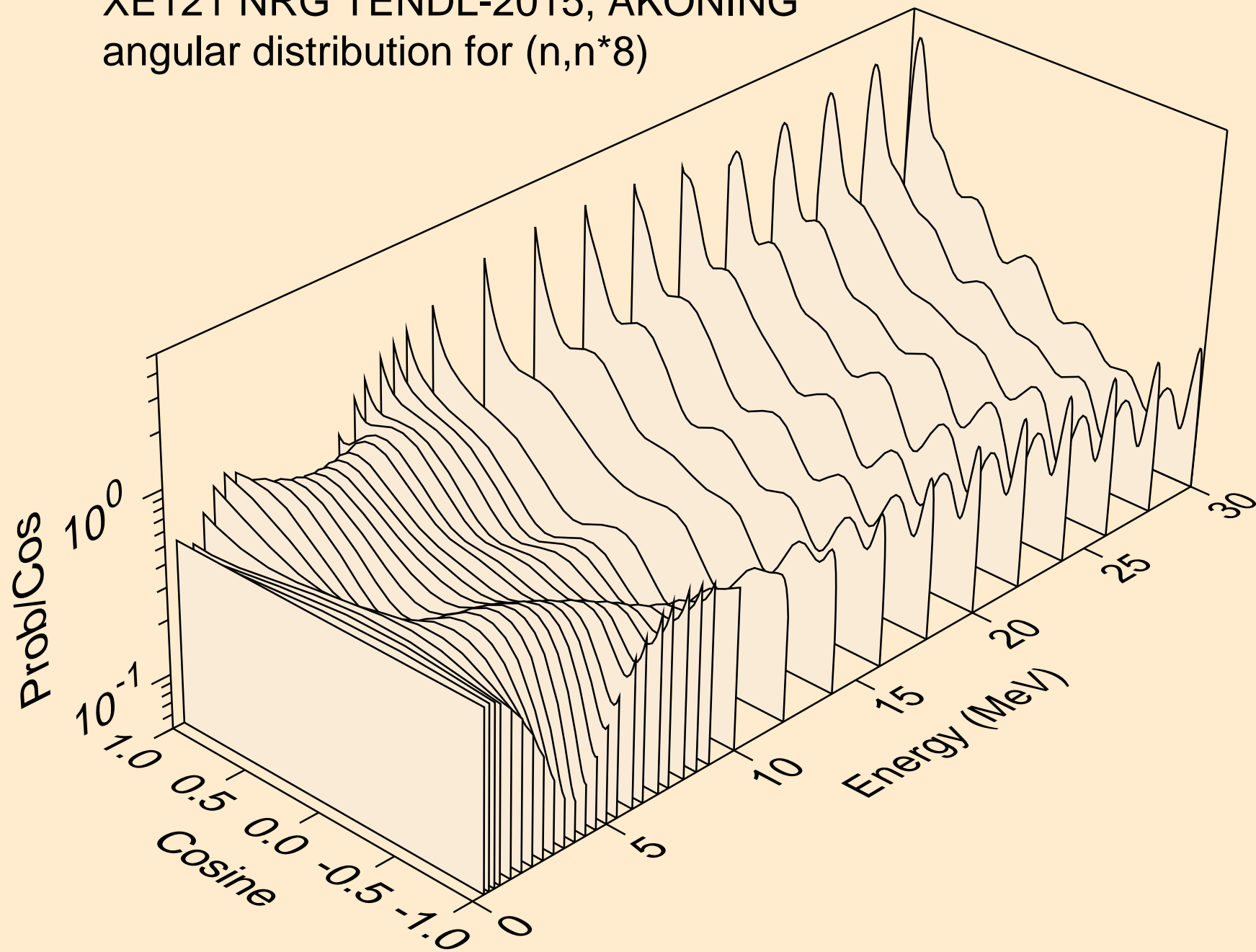




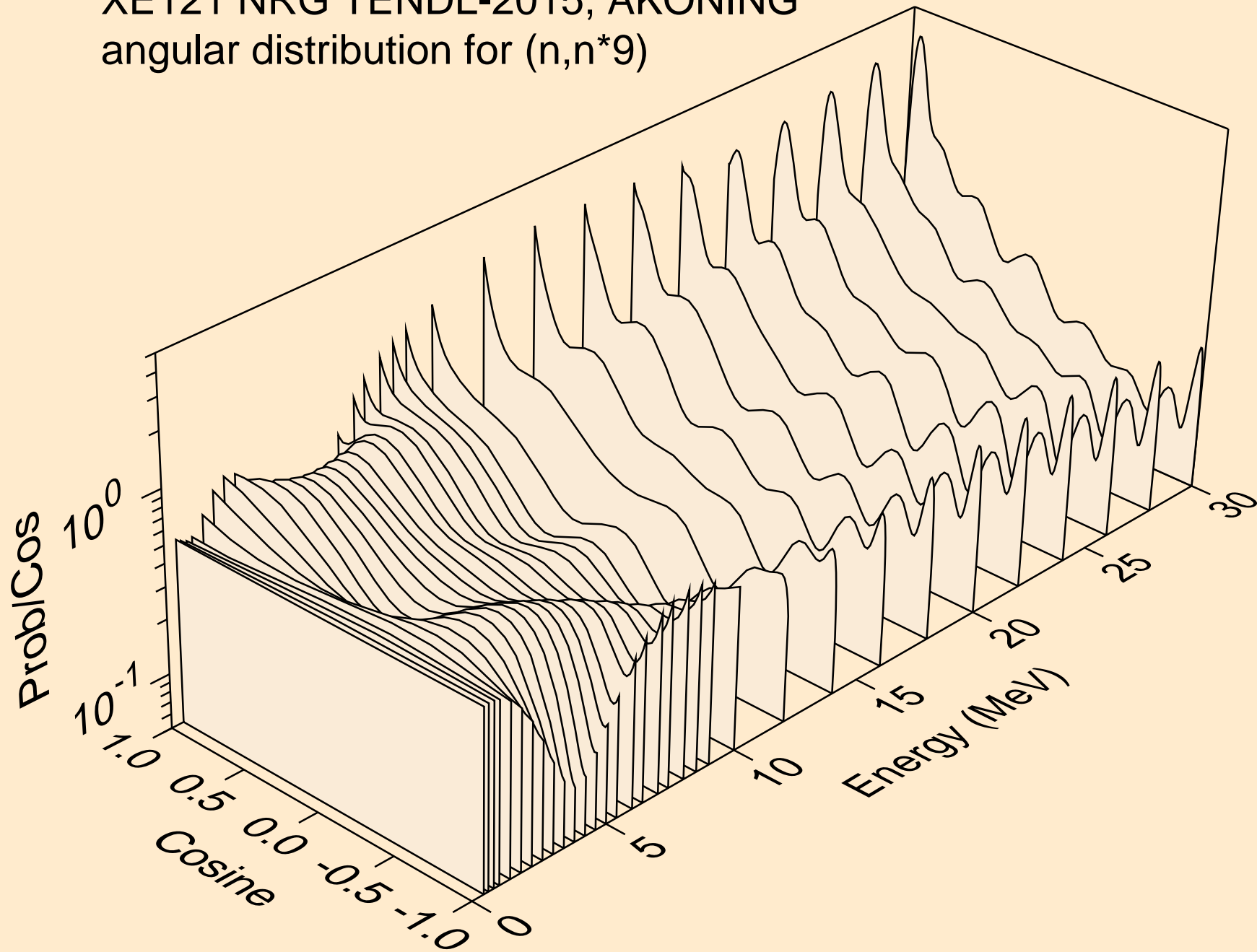
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



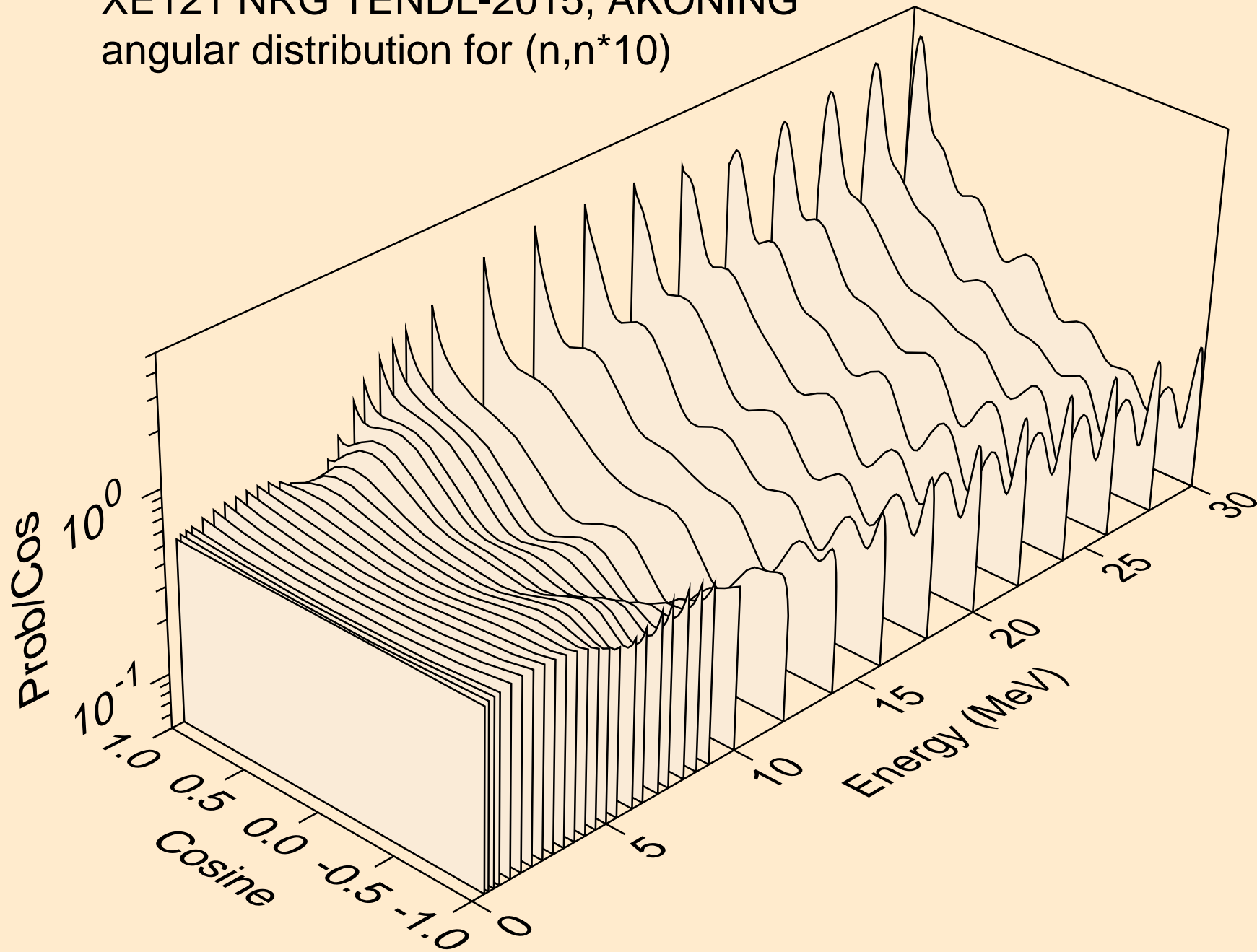
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



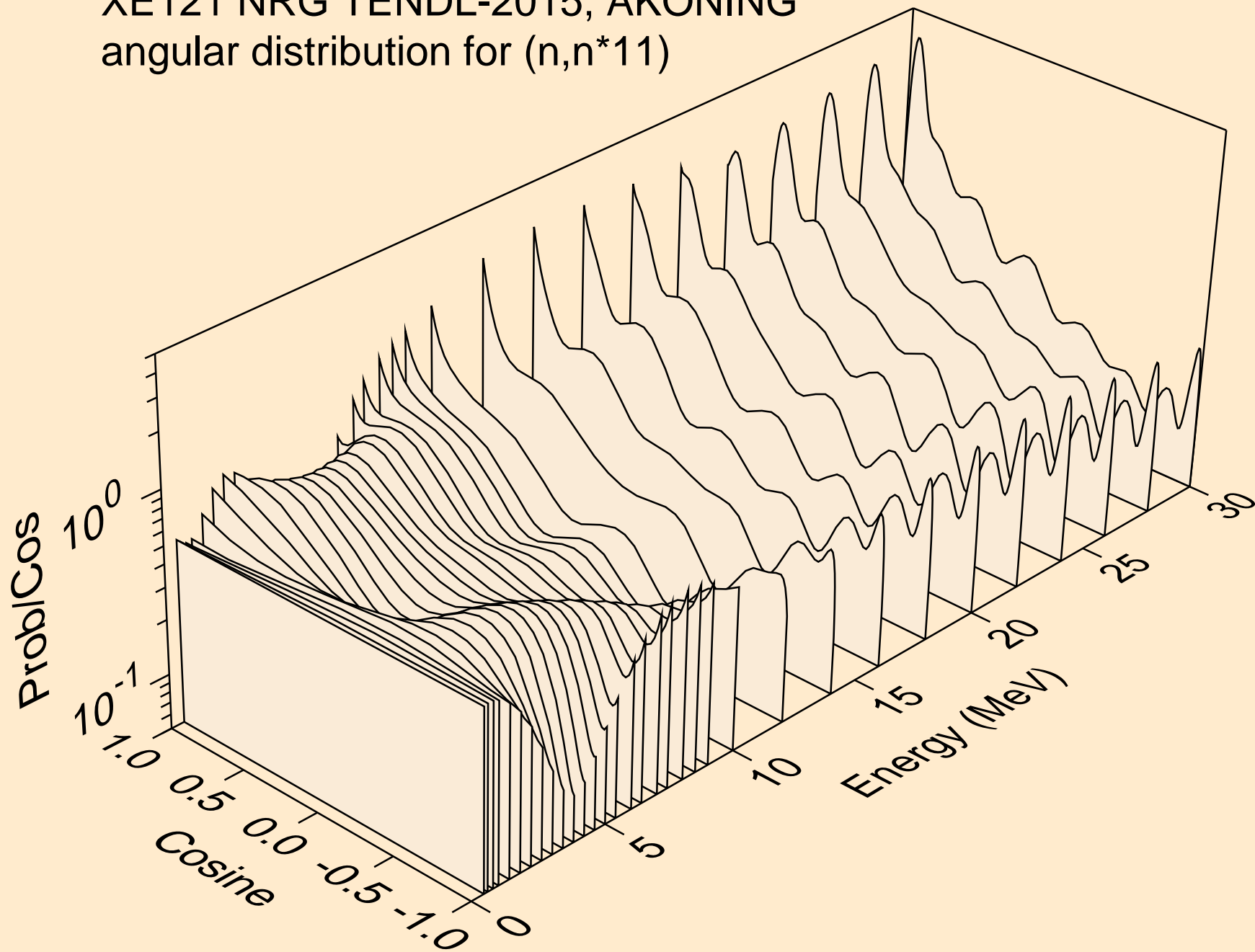
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



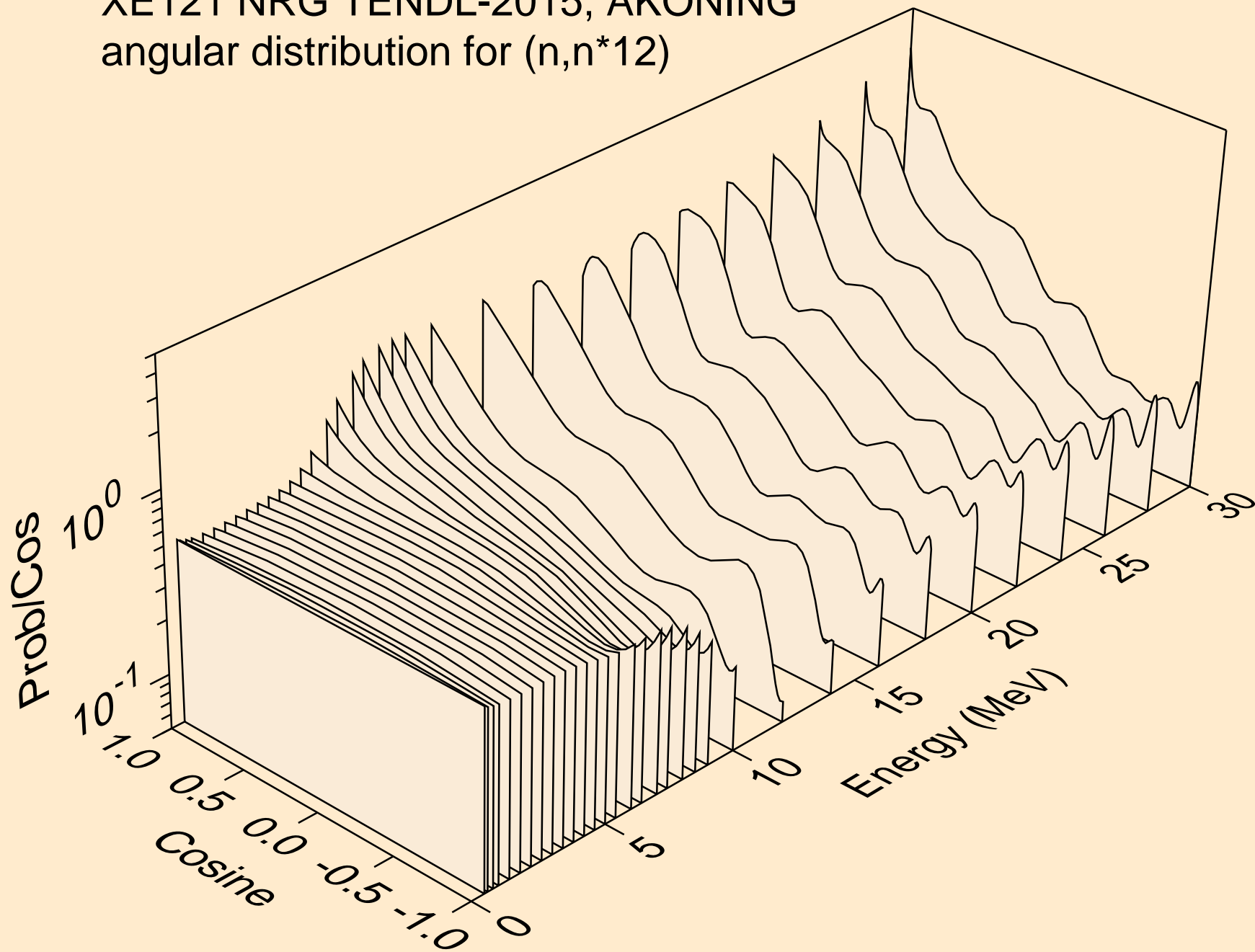
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



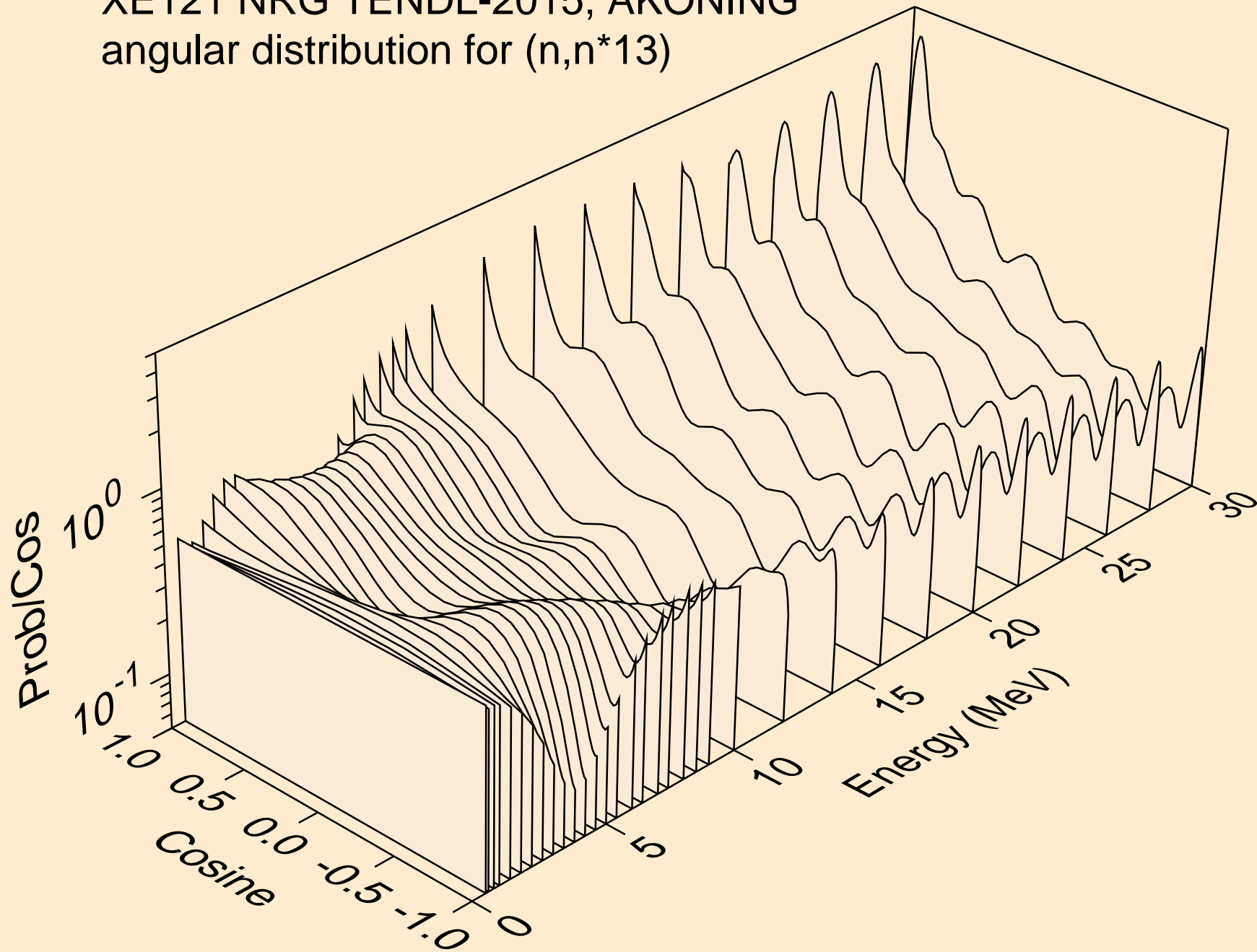
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



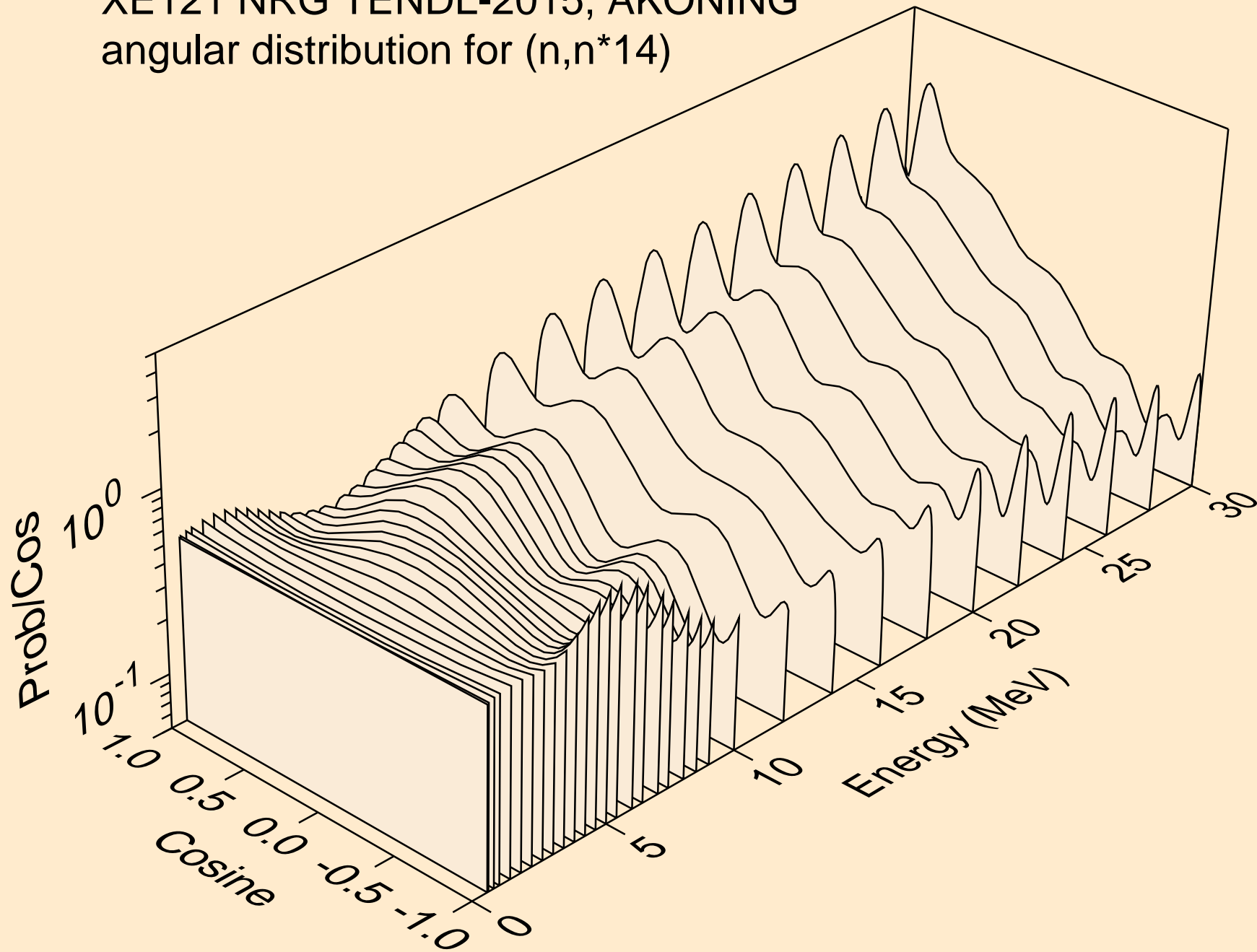
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

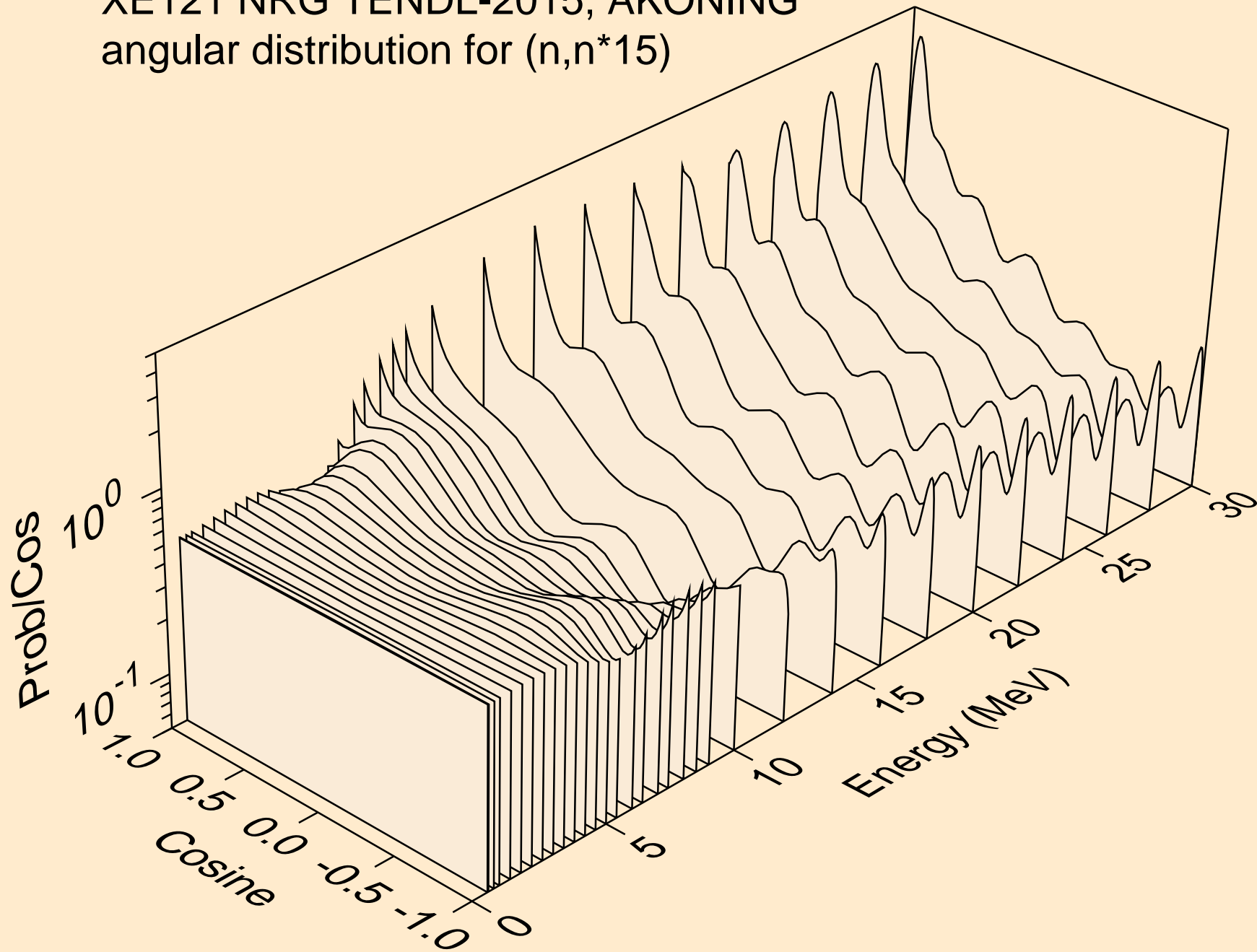


XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

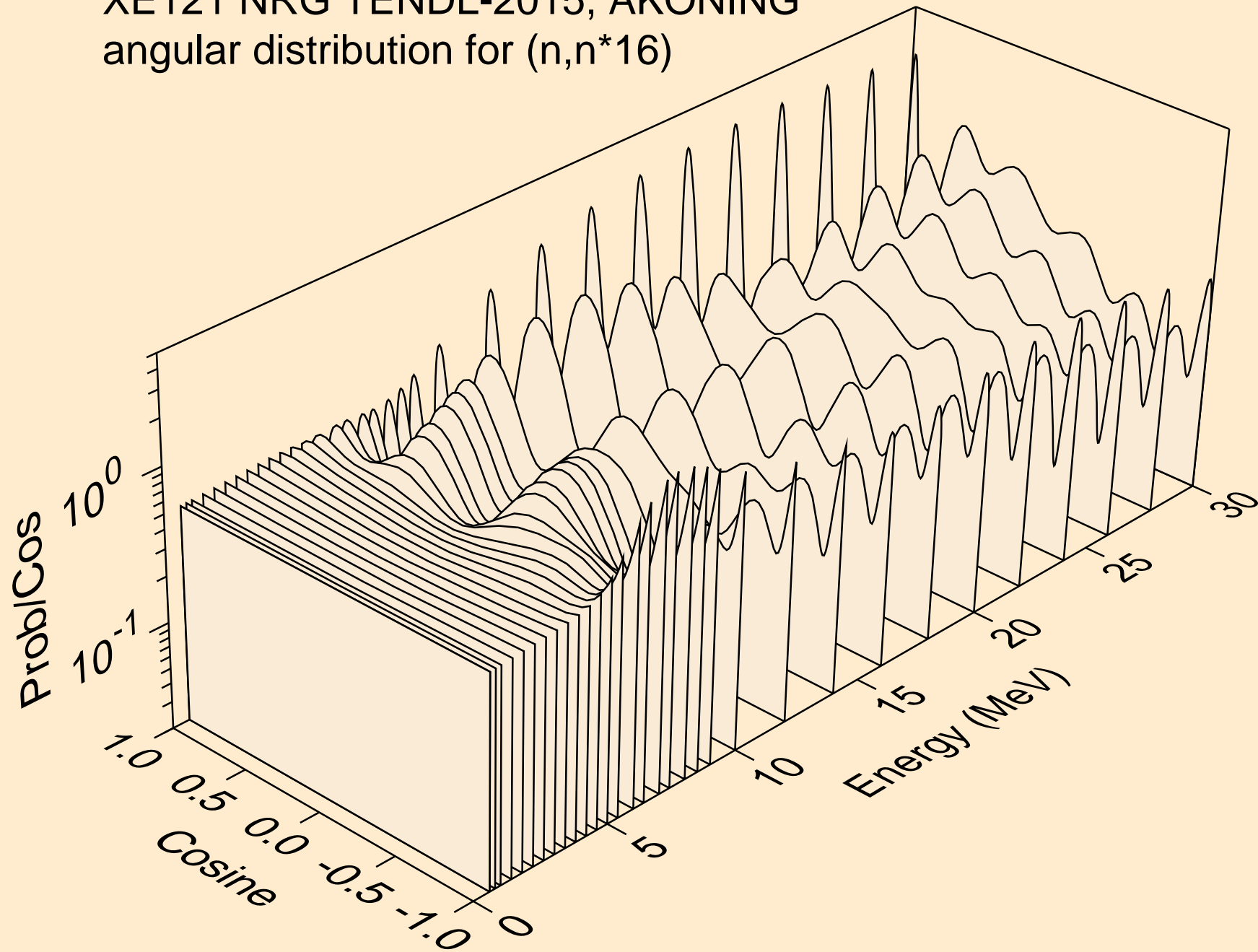




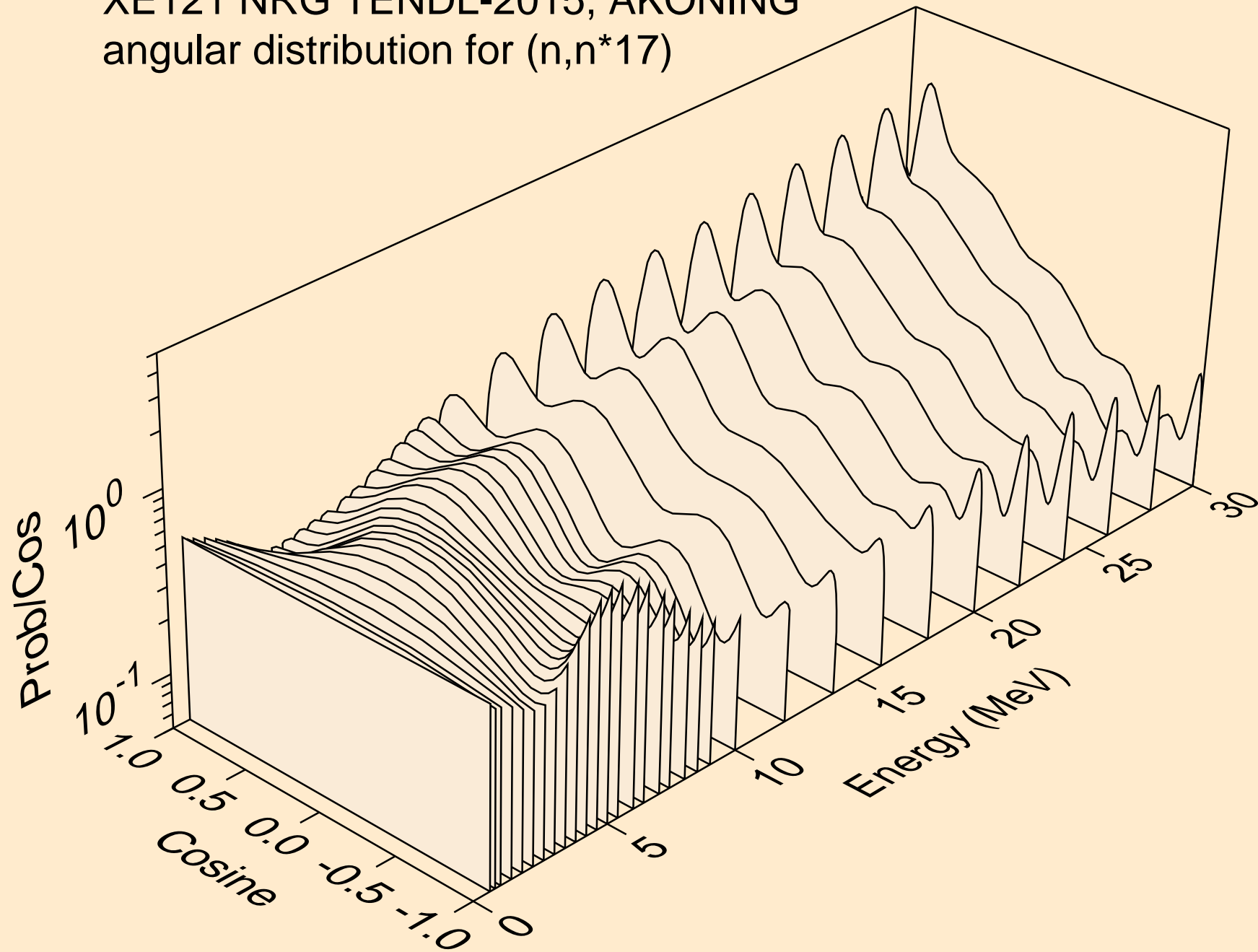
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



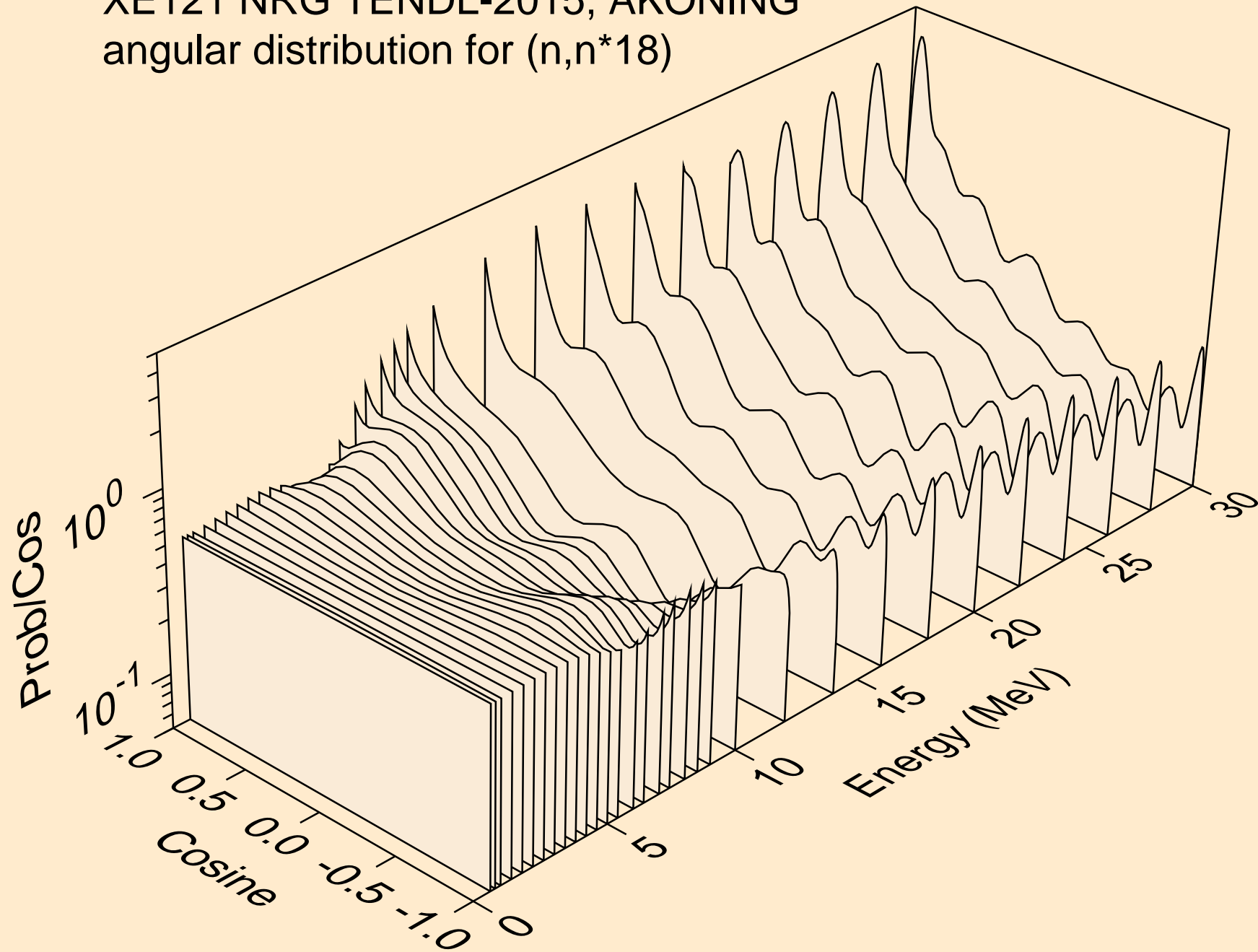
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



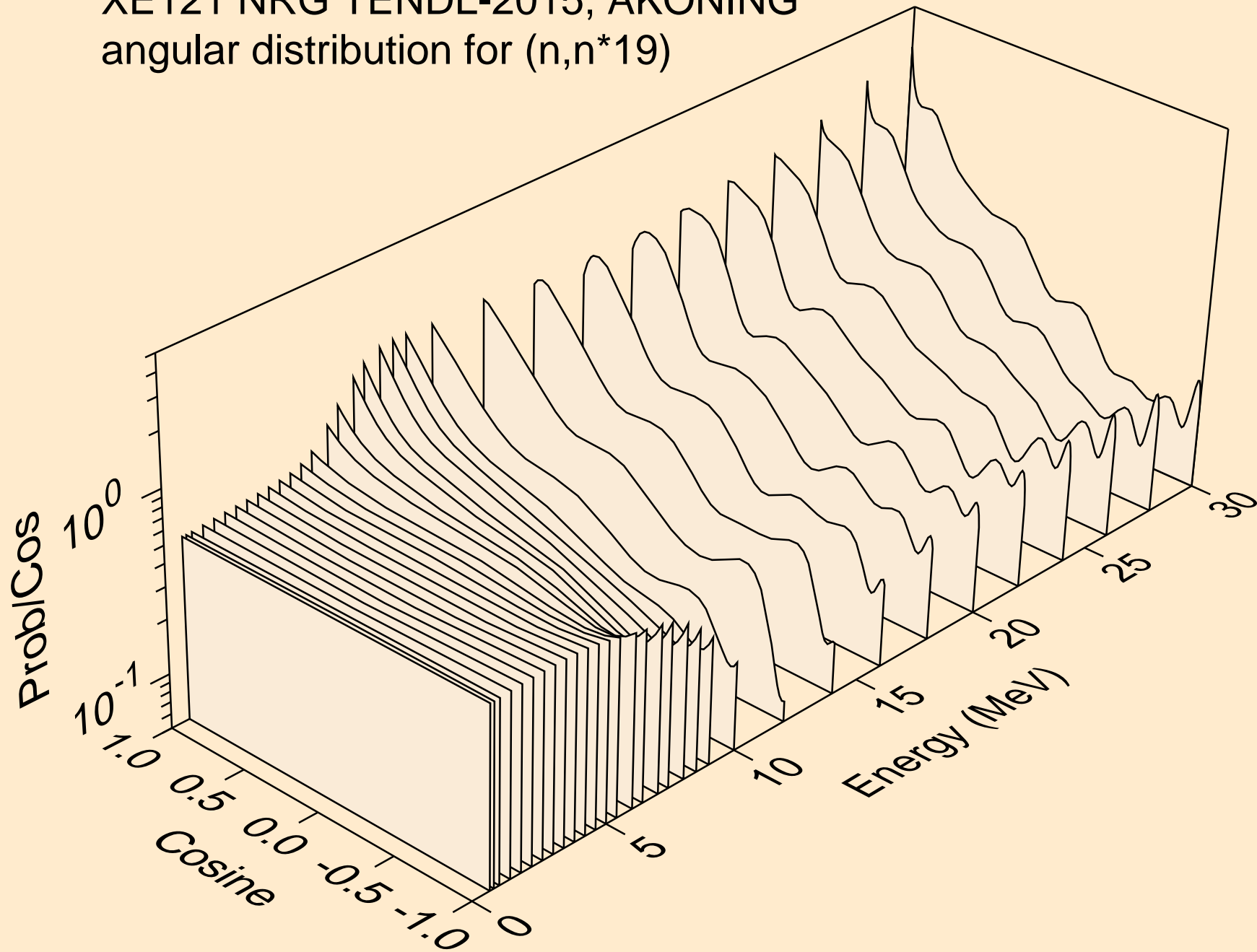
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



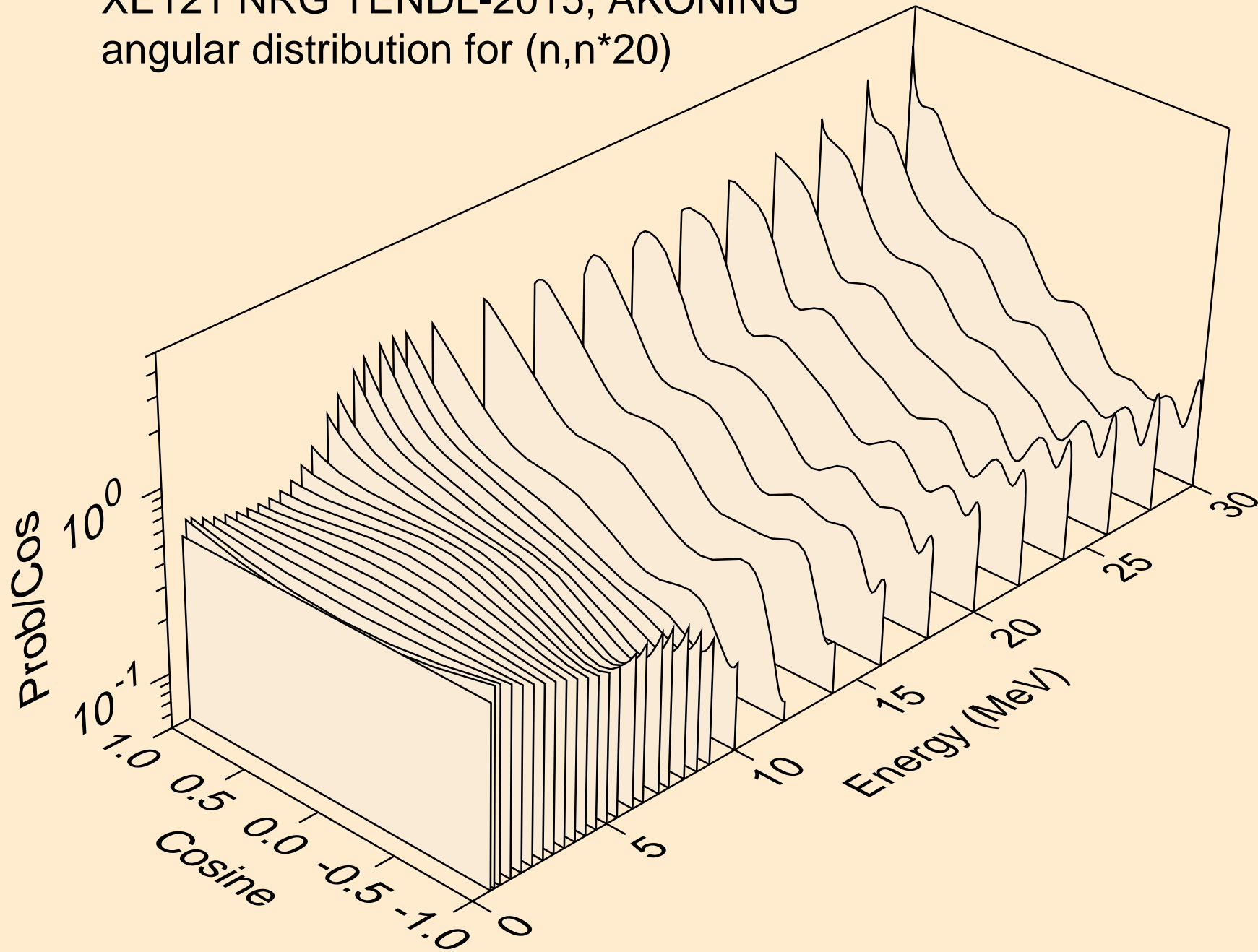
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



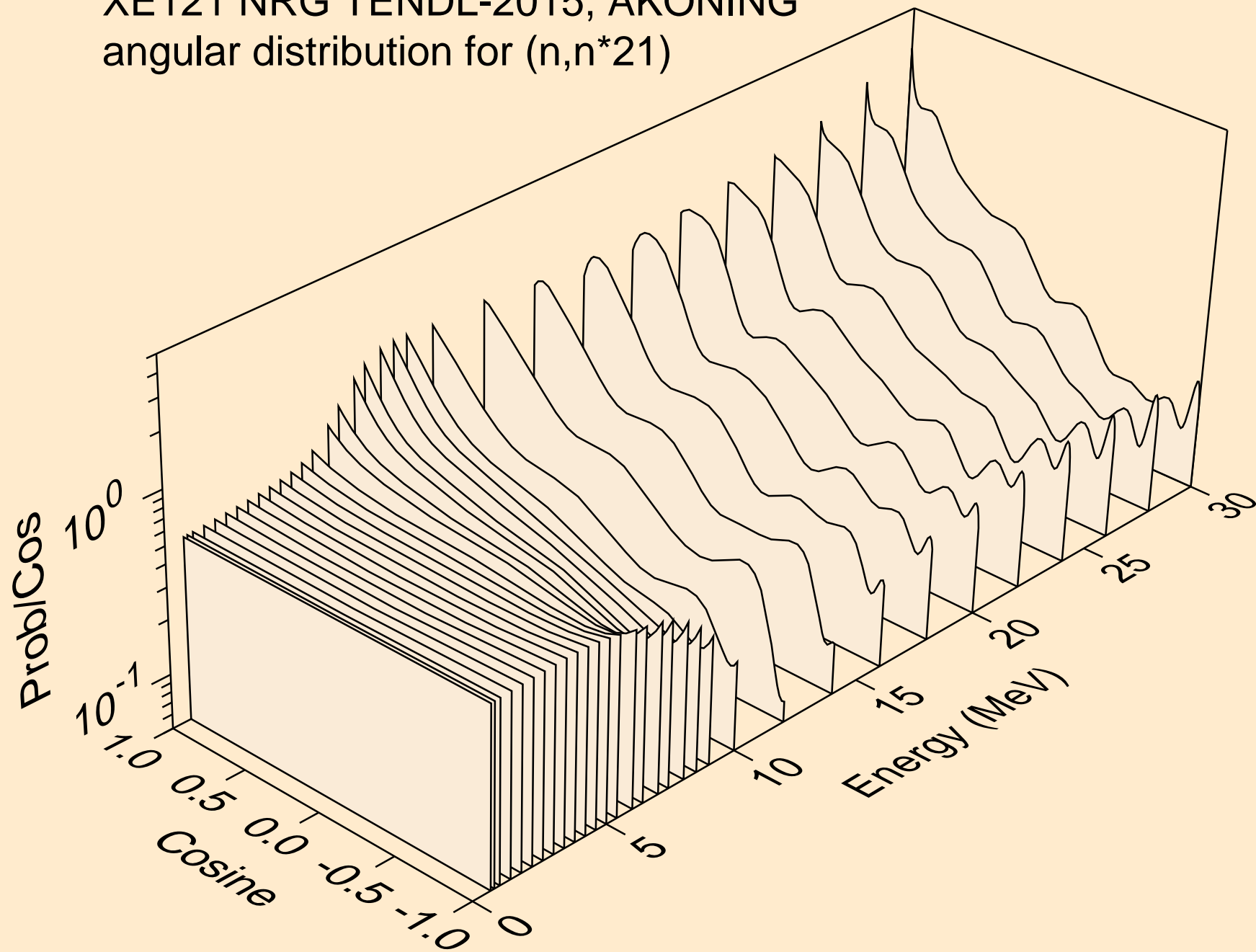
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



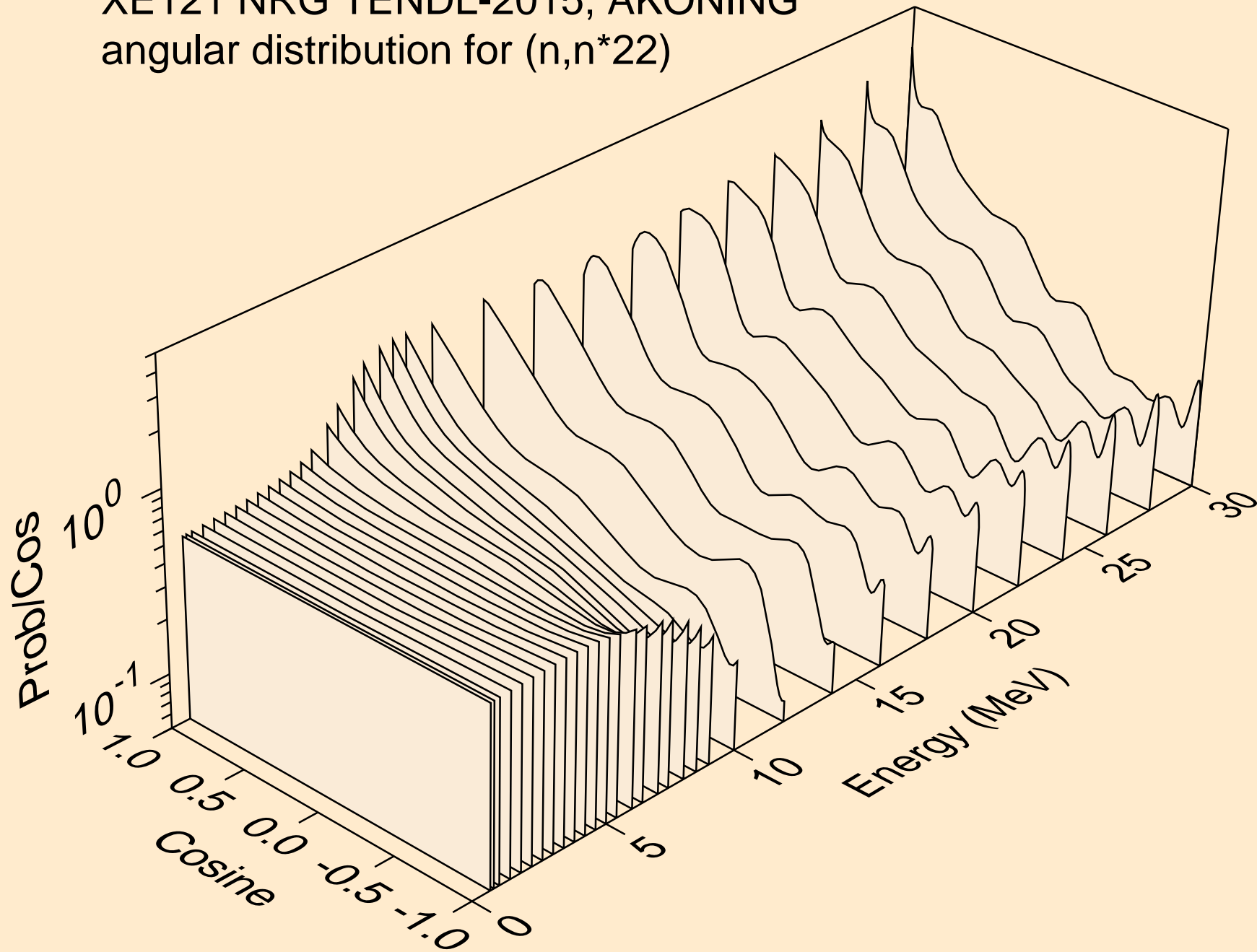
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

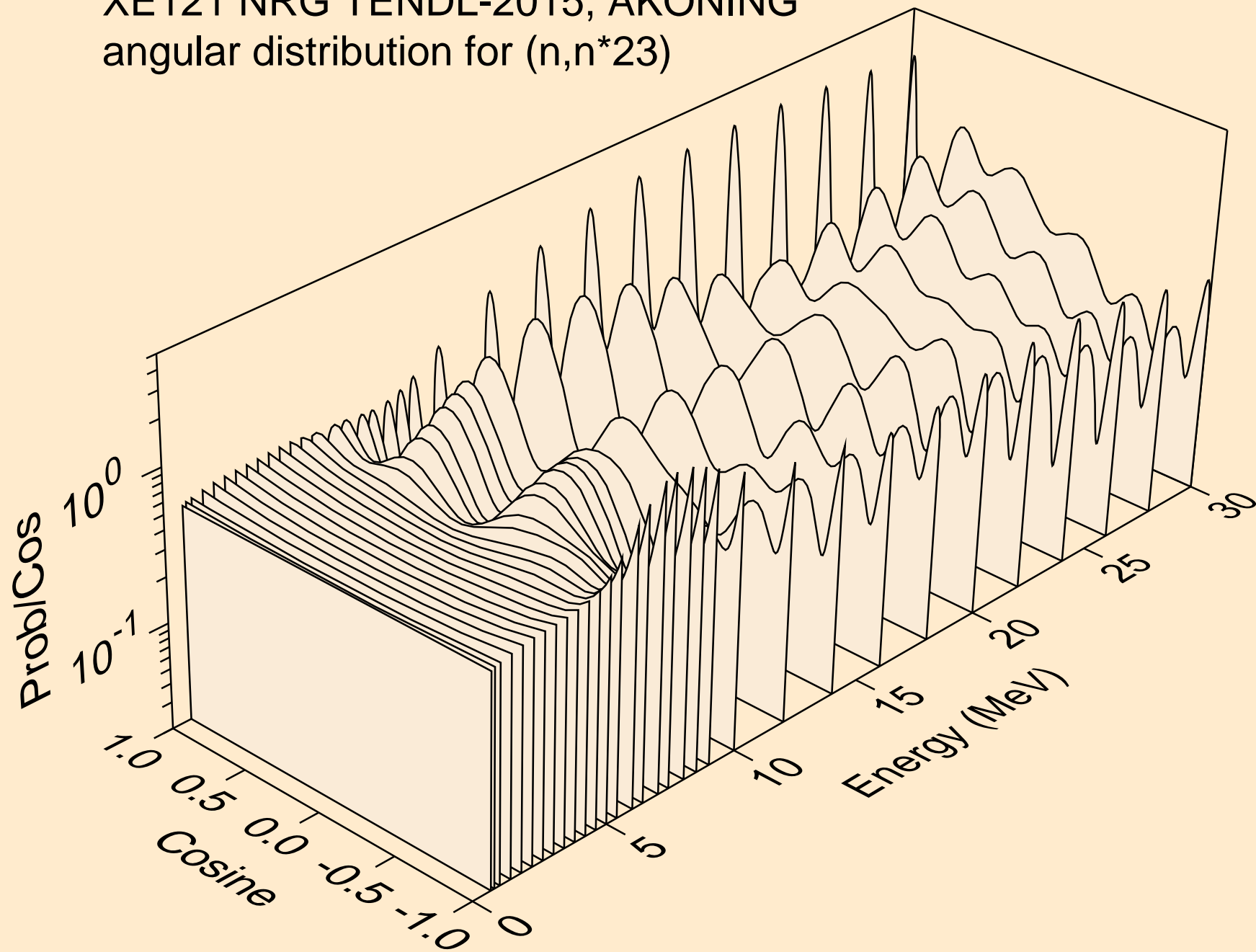


XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

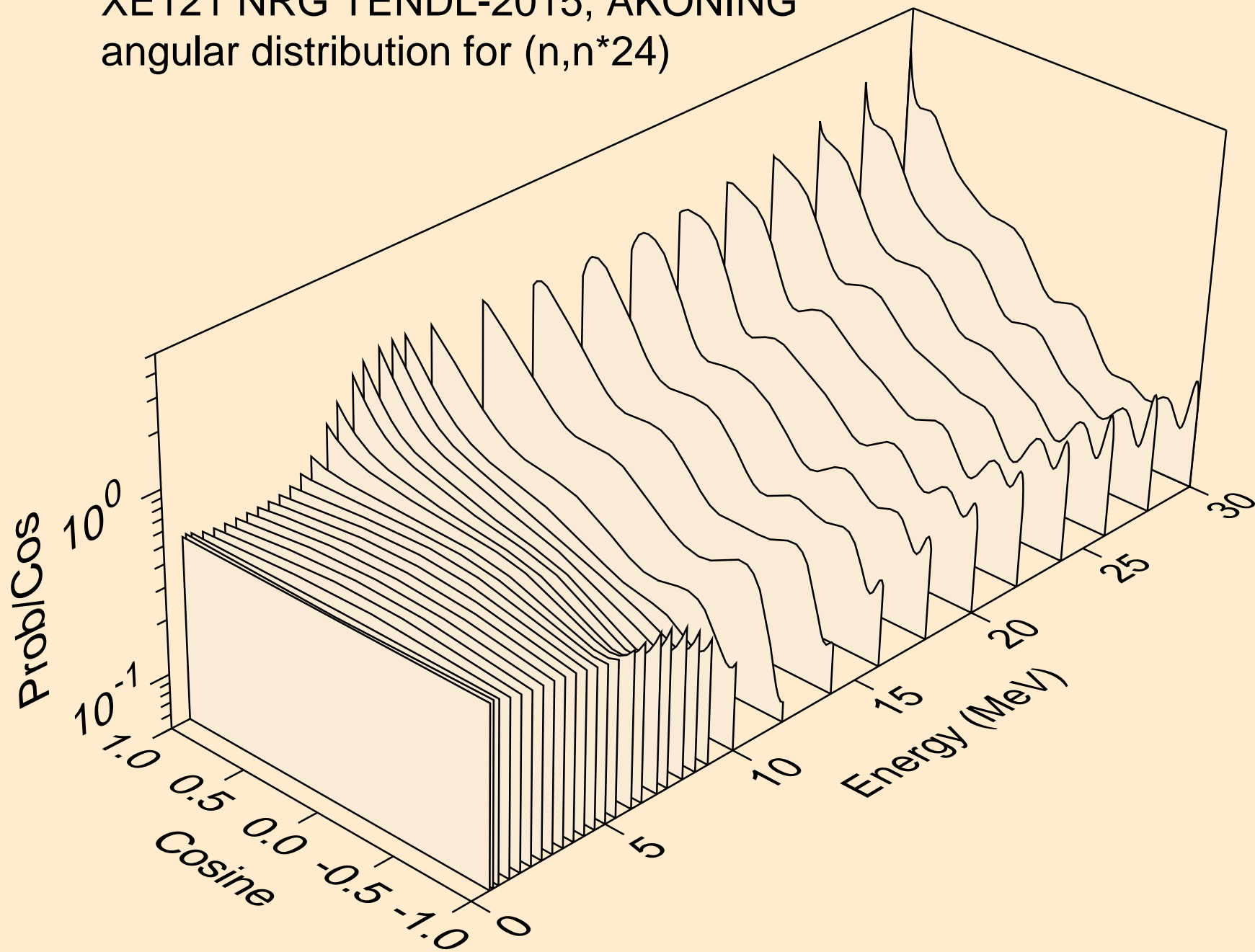




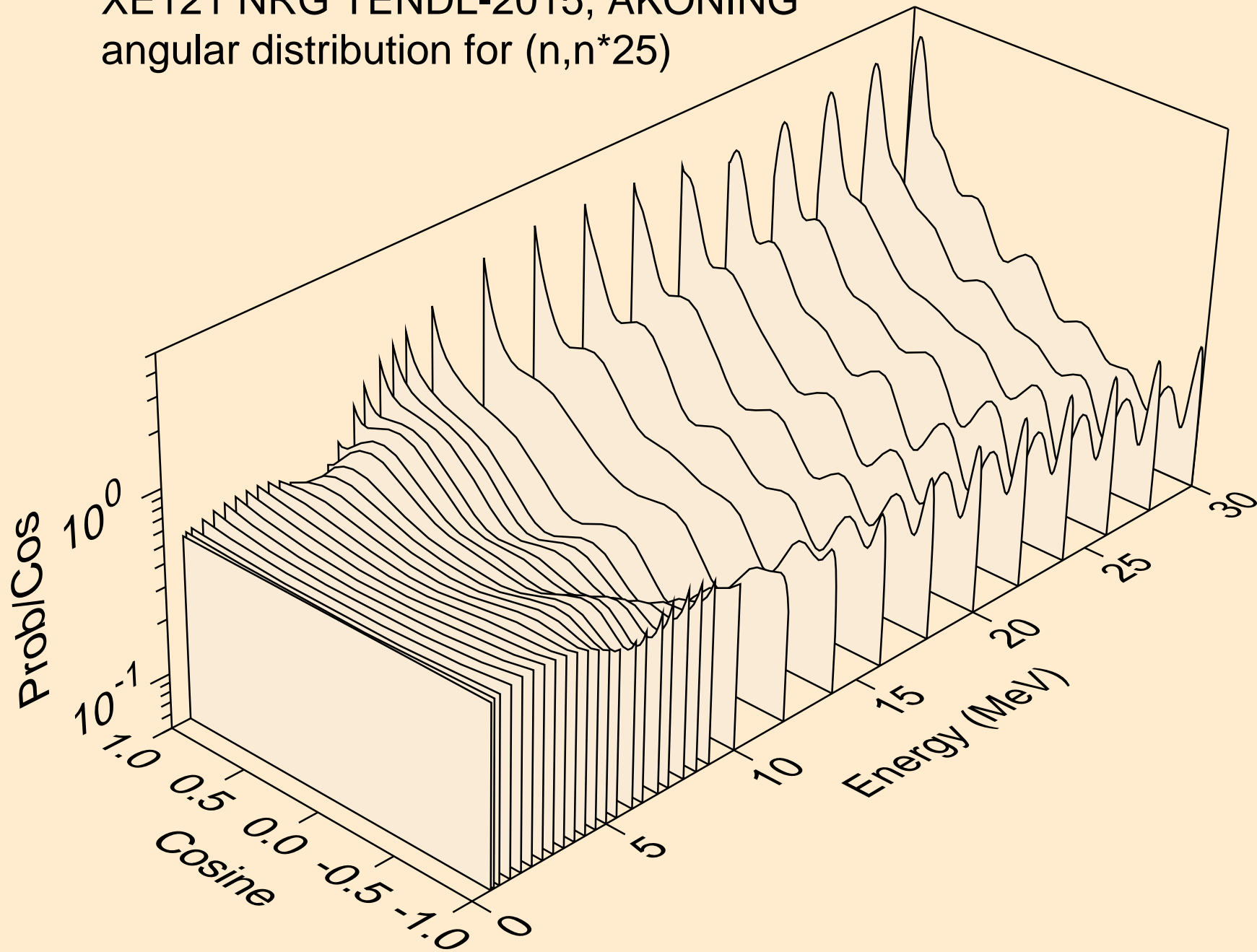
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



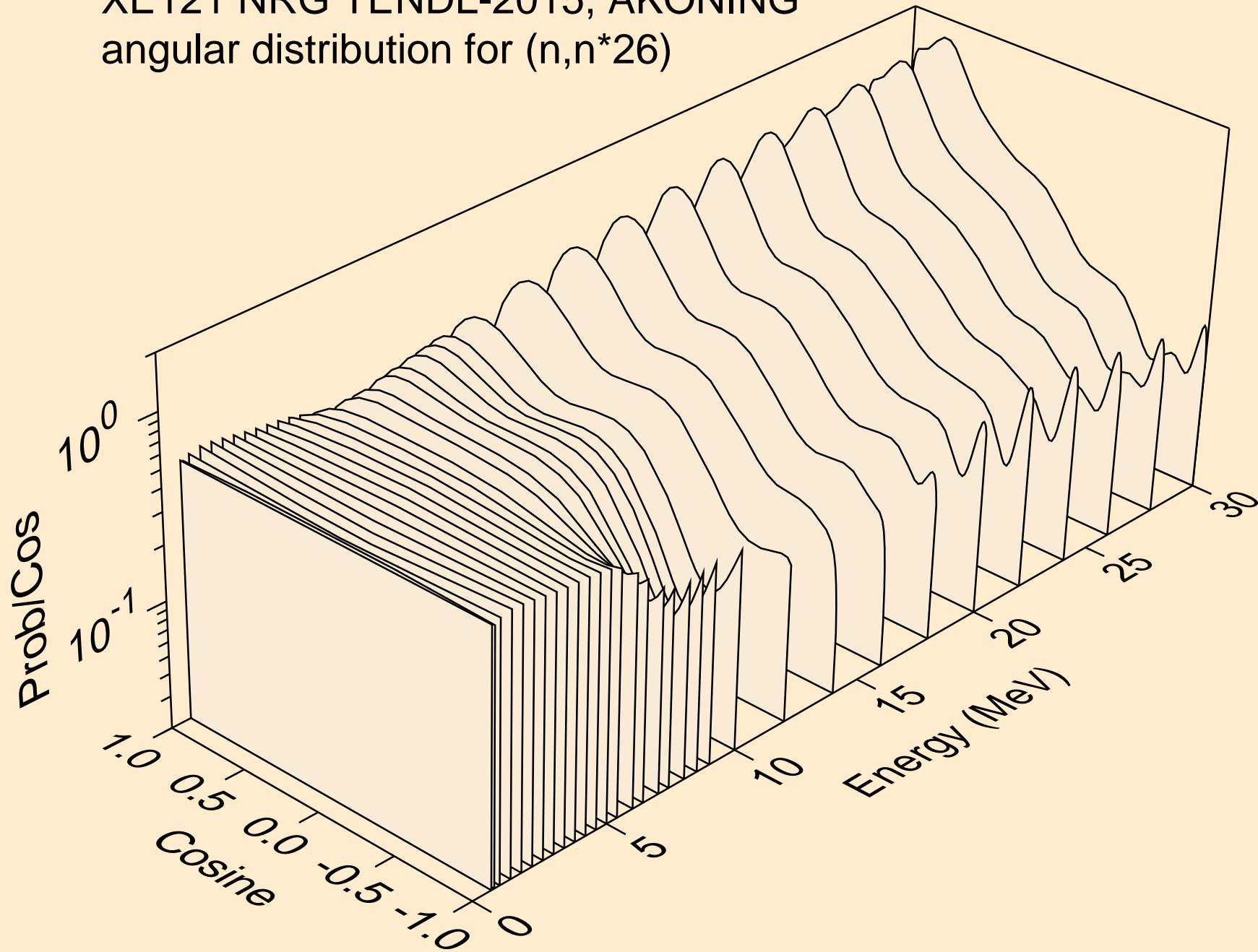
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



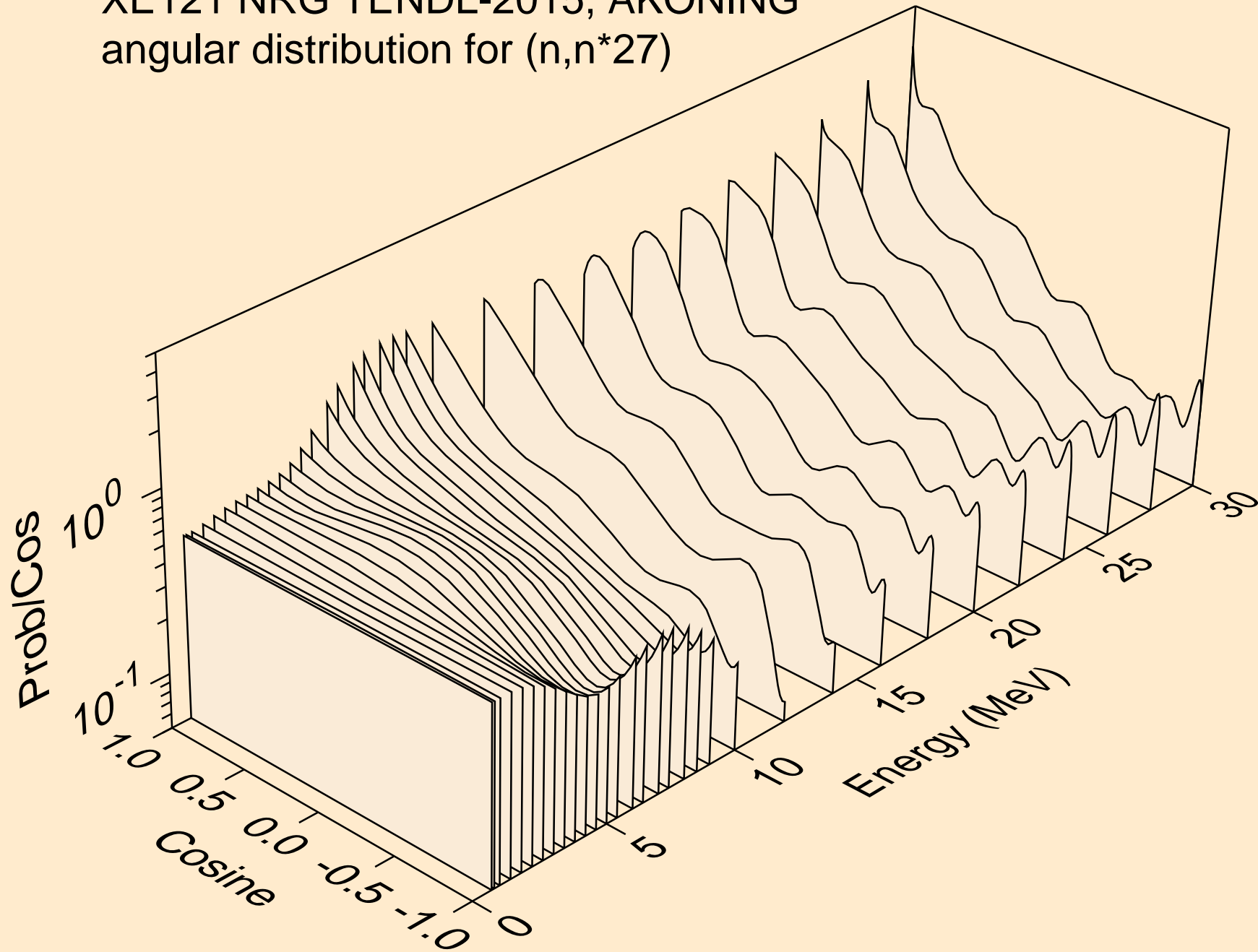
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



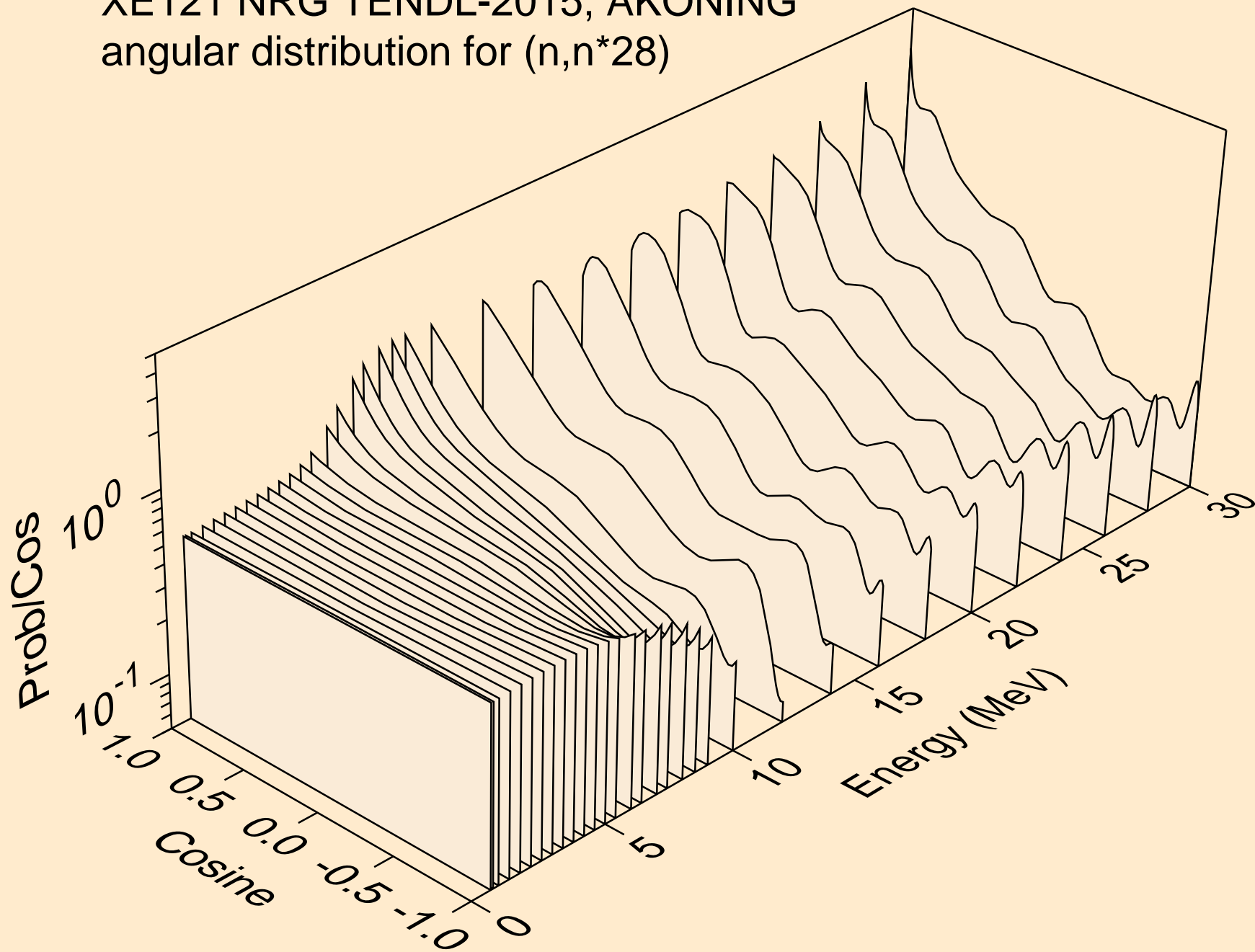
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



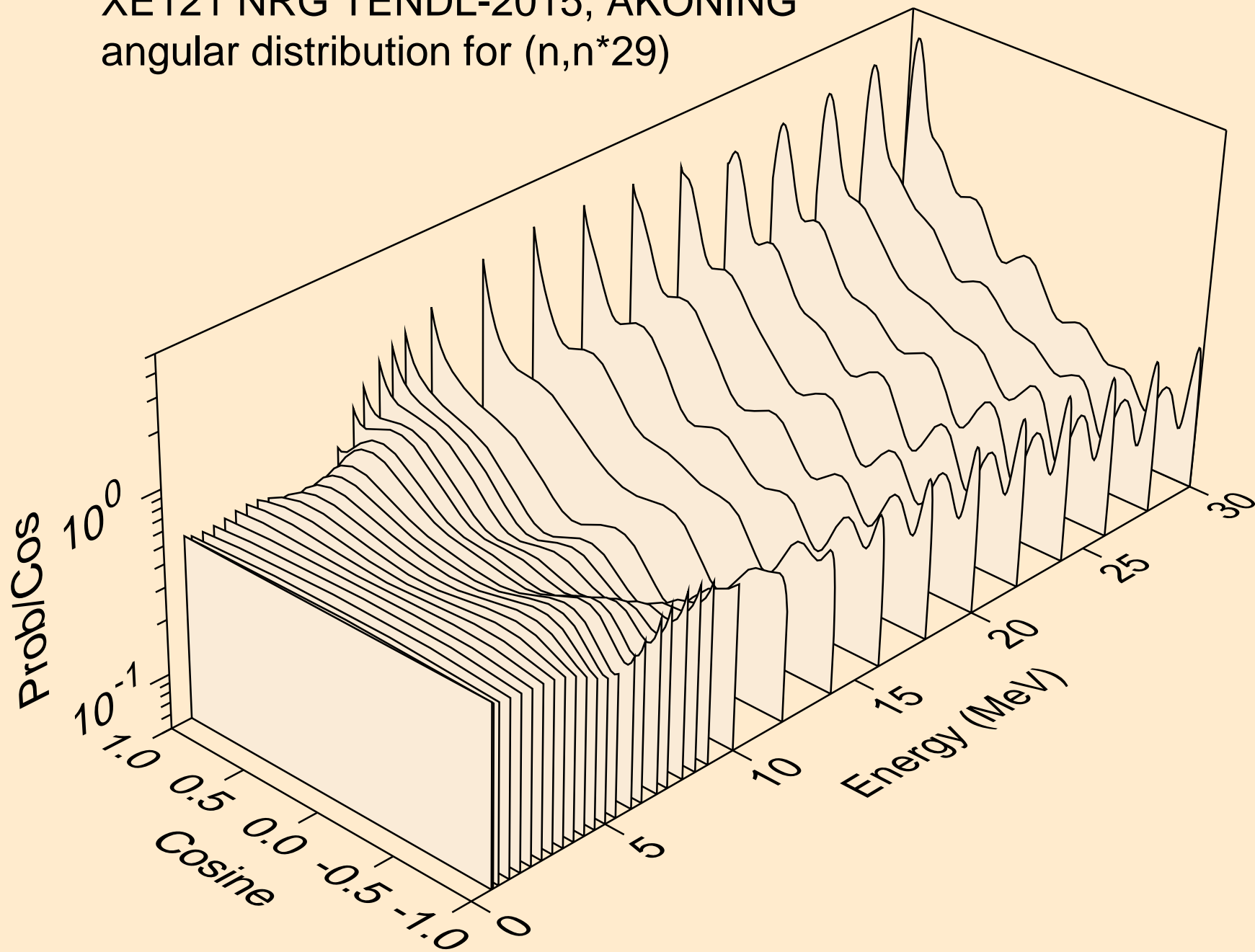
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



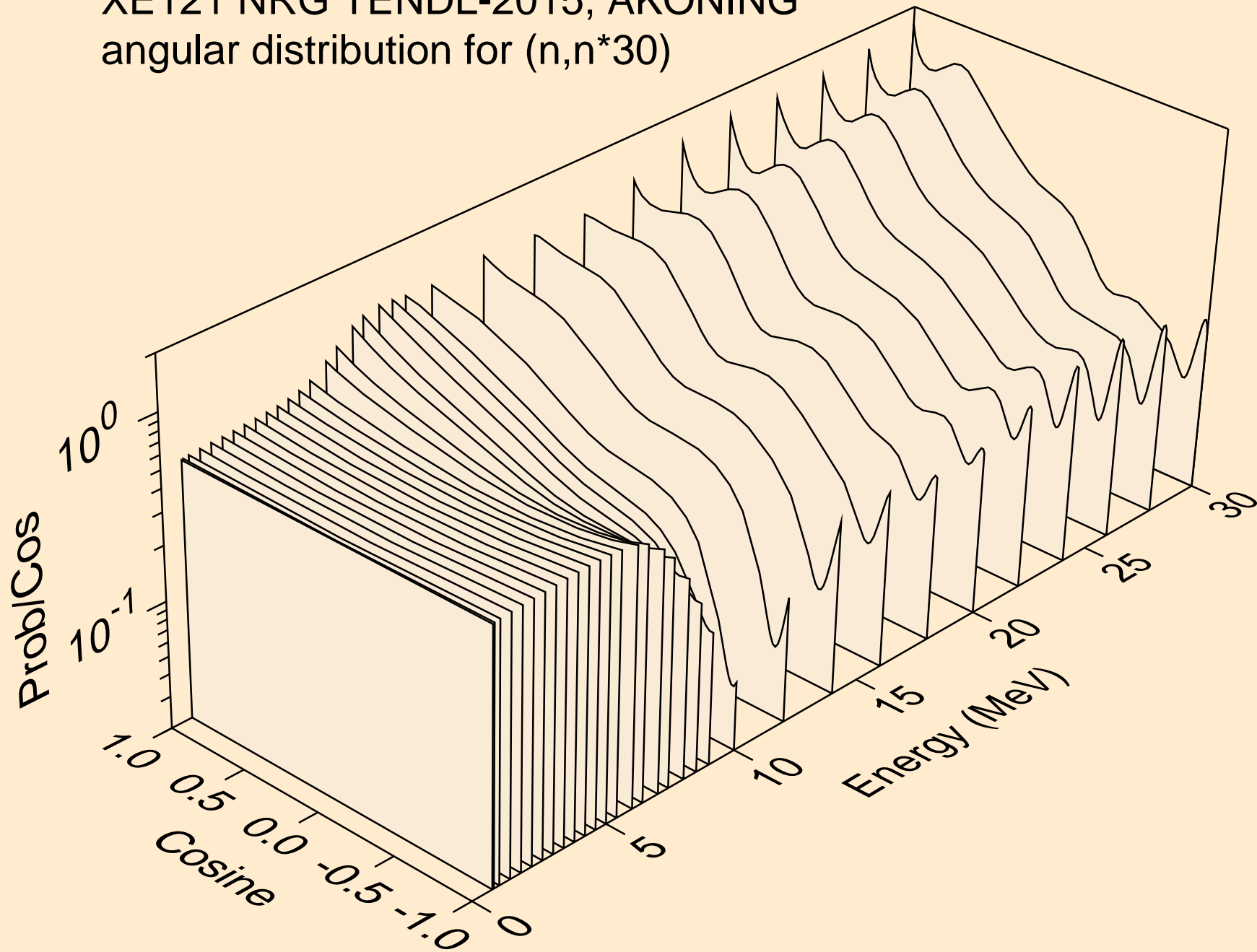
XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

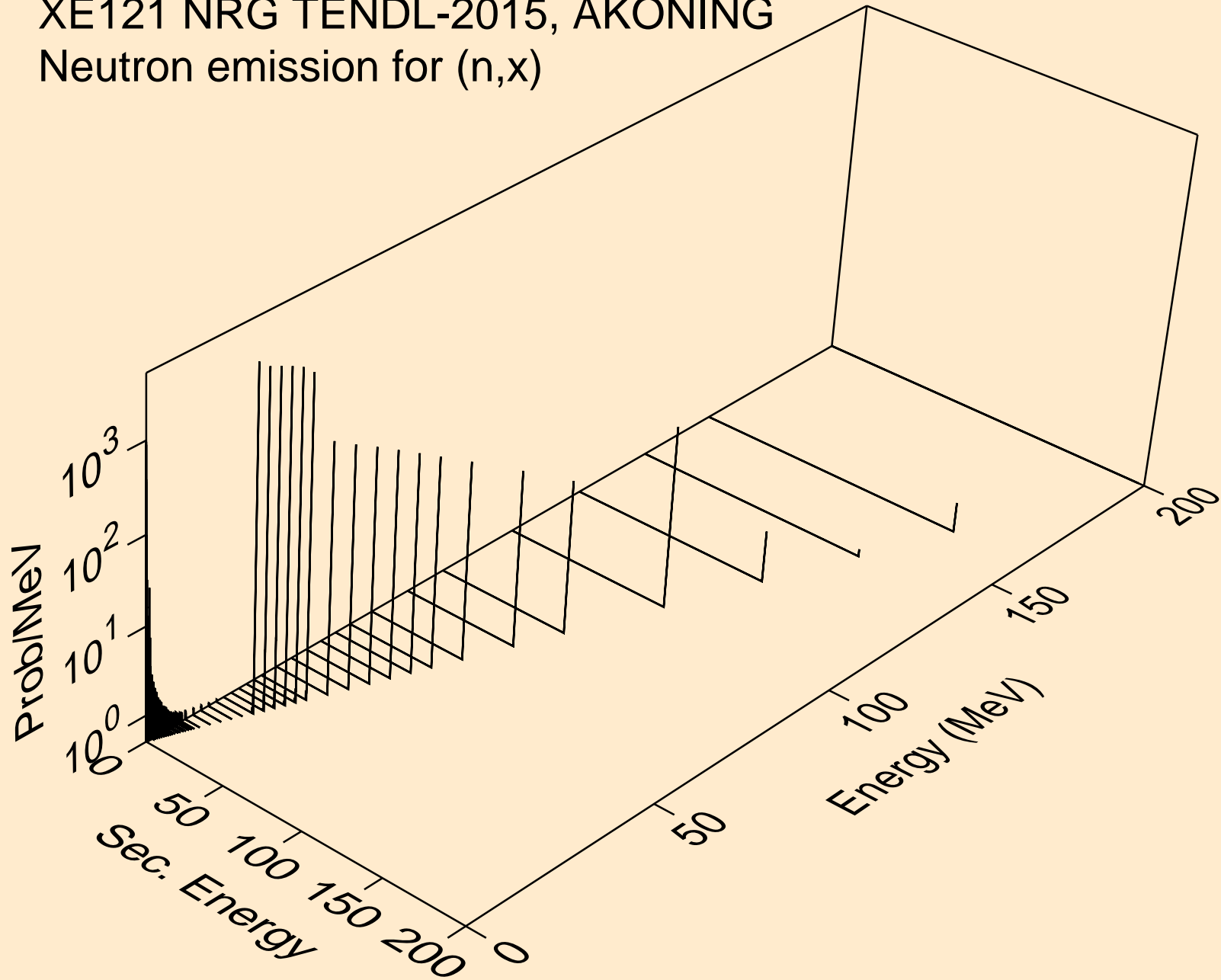


XE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

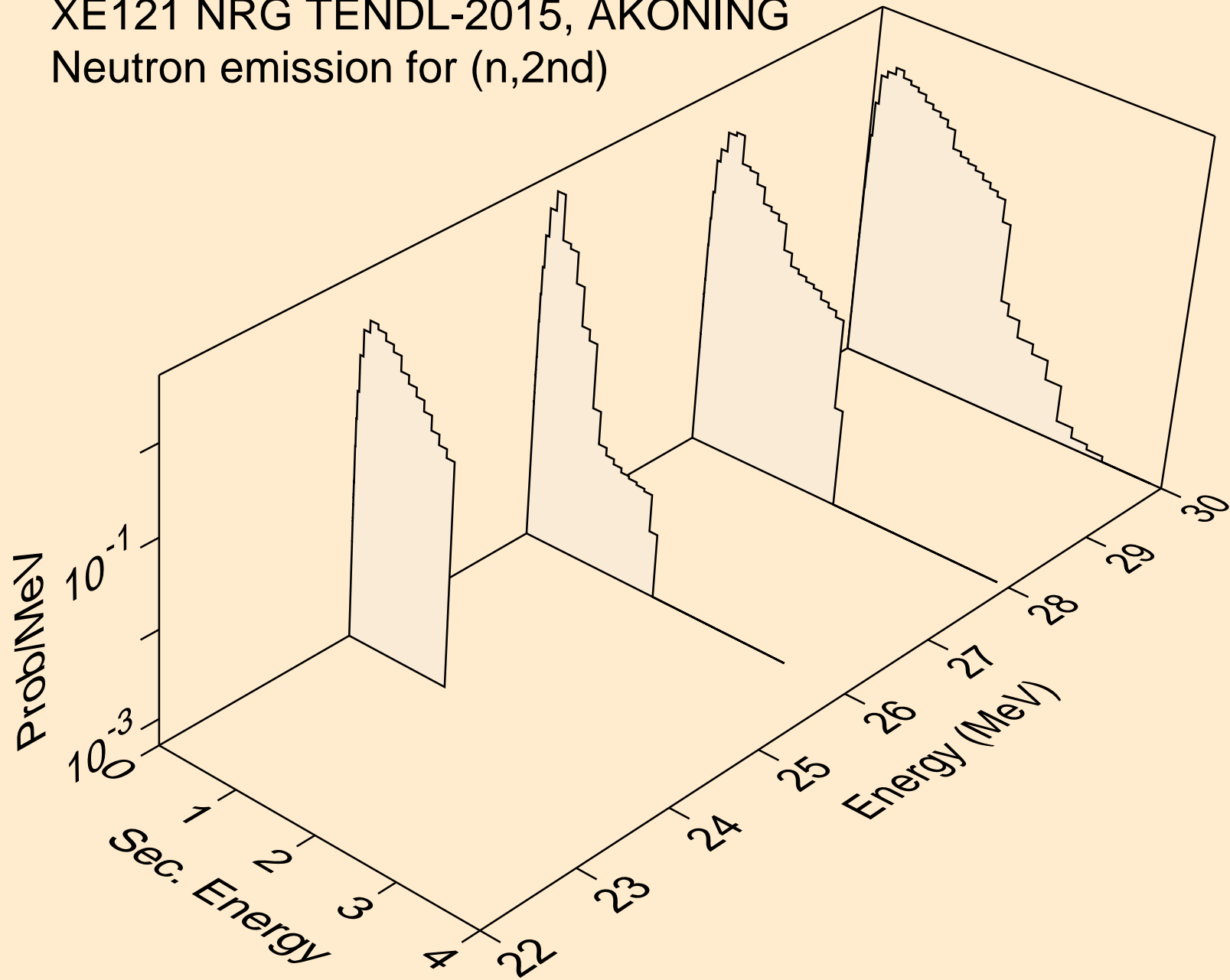




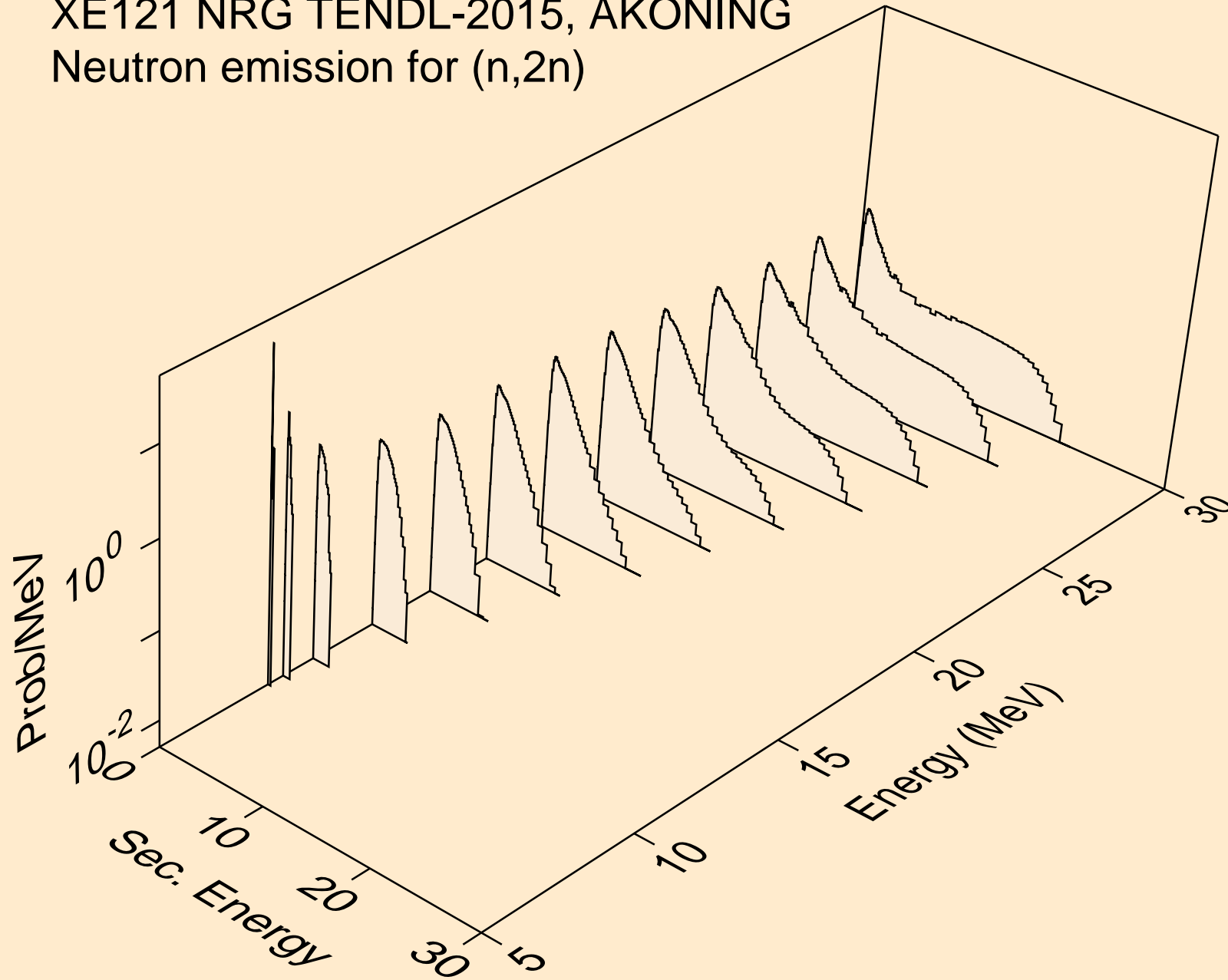
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



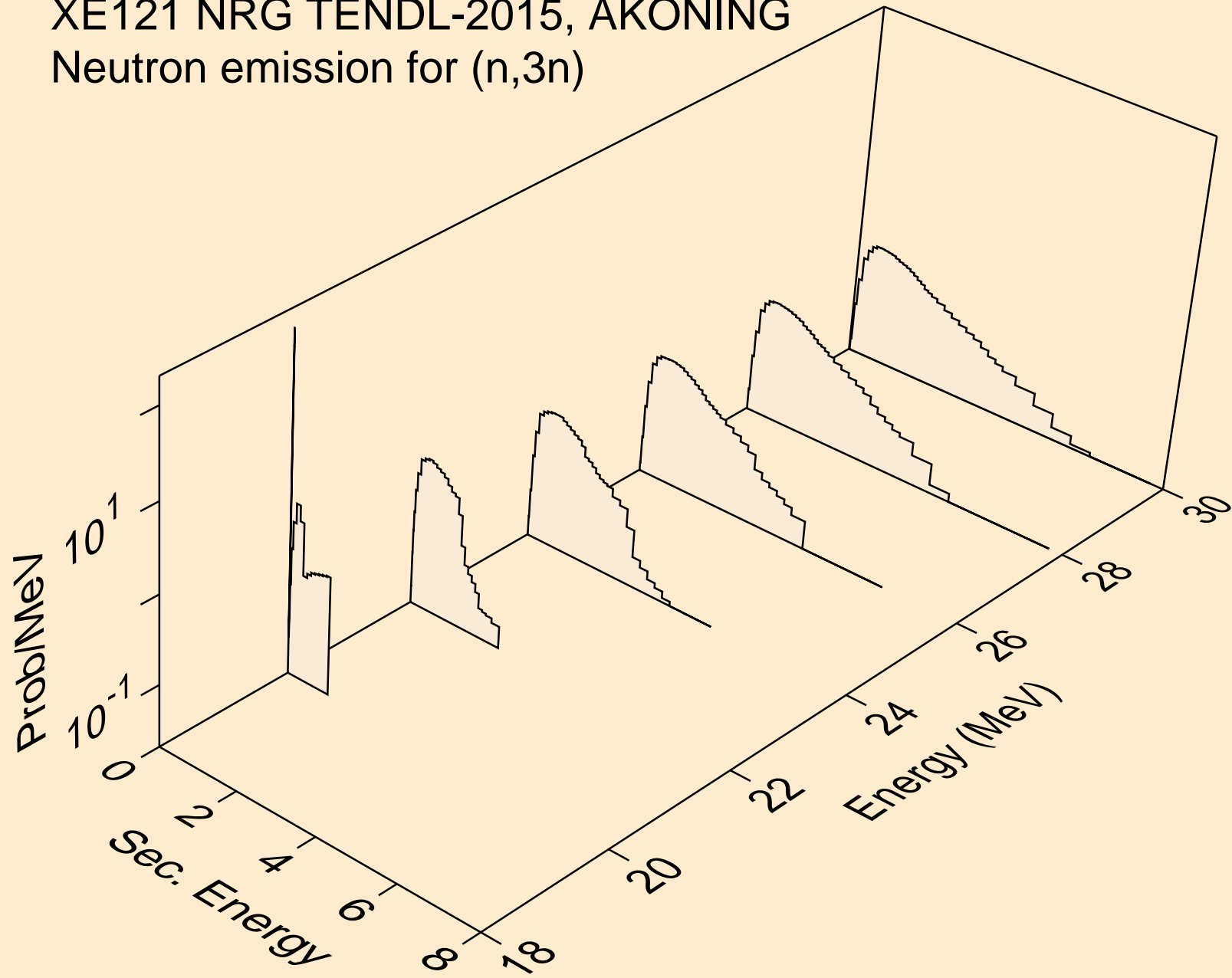
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



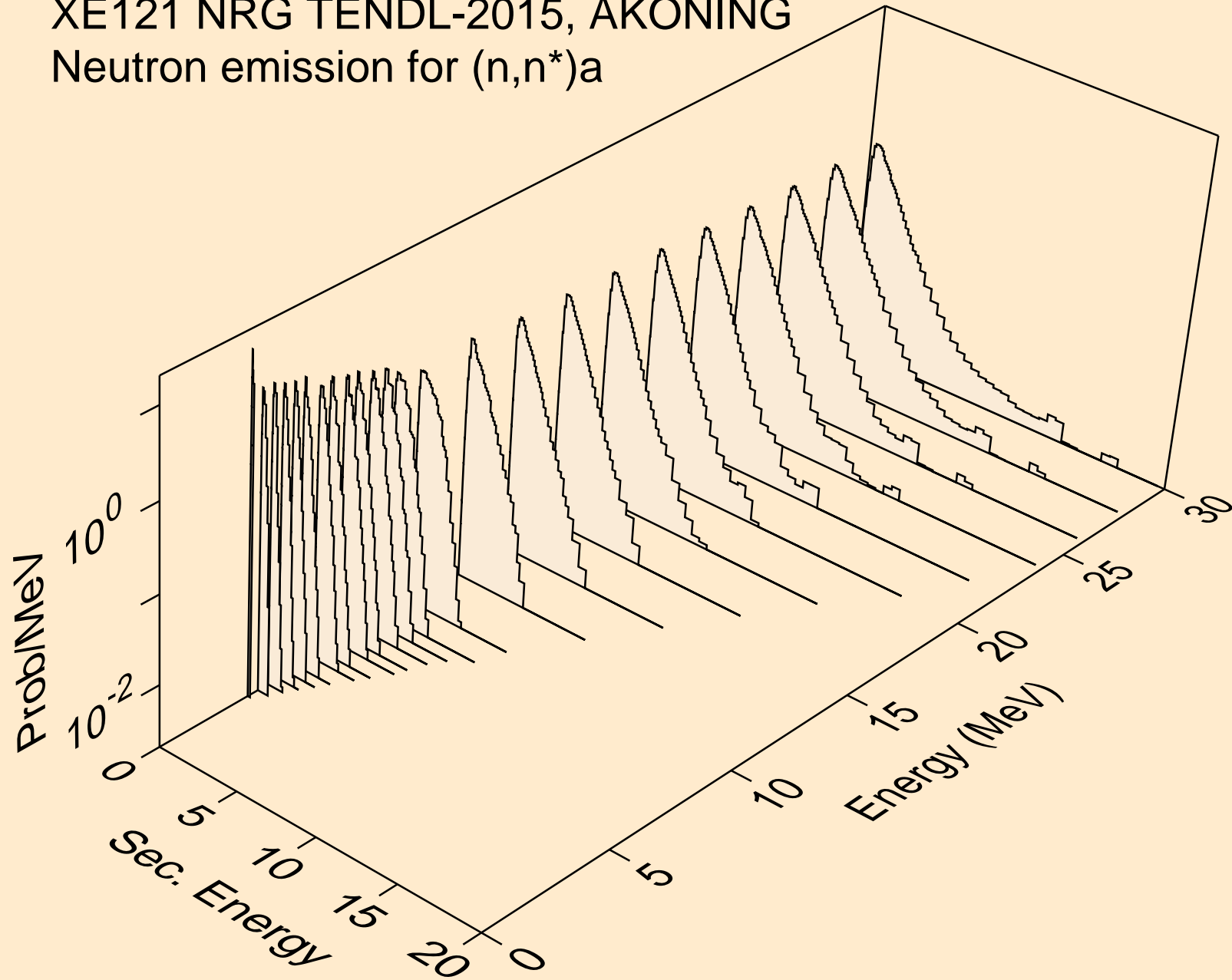
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



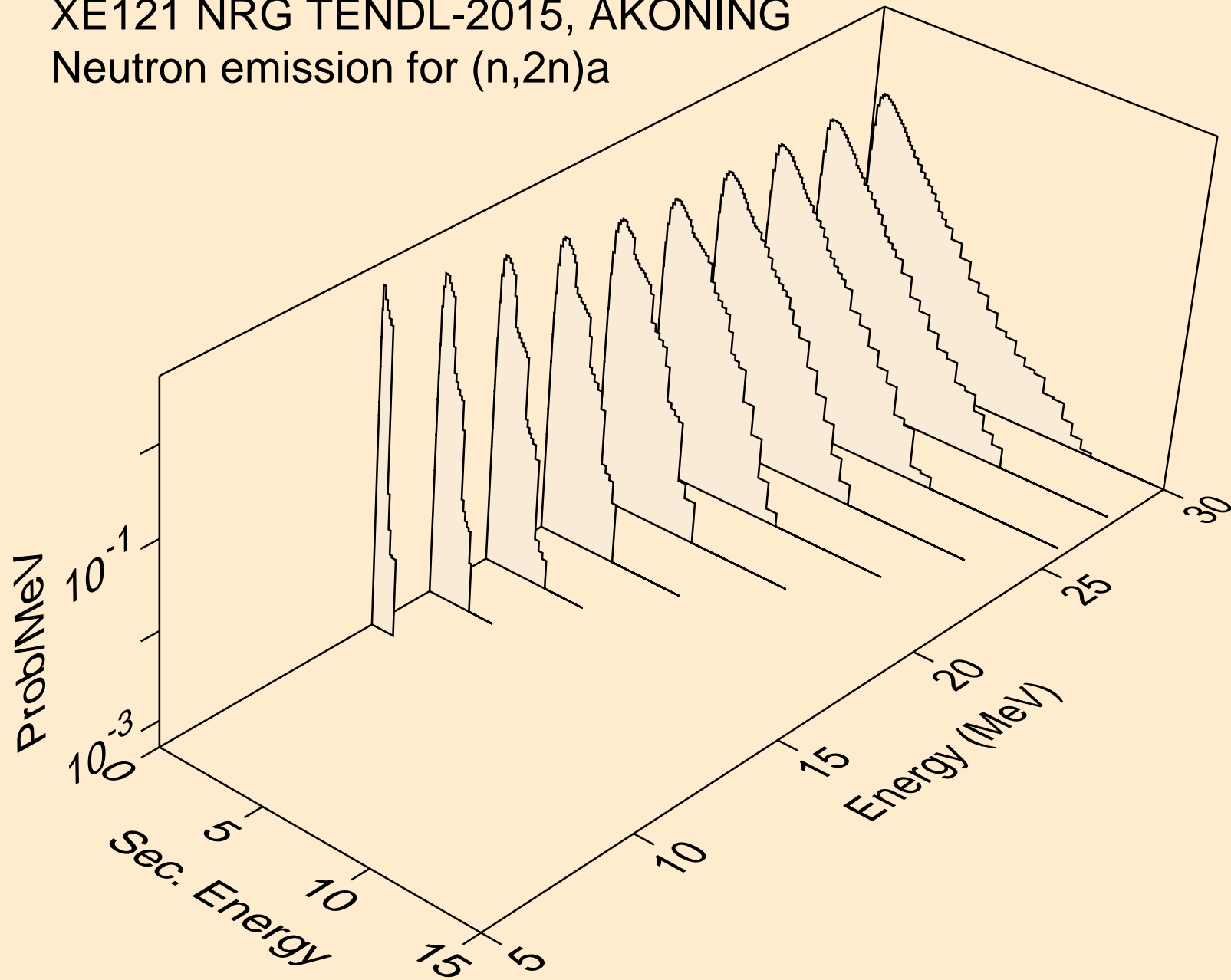
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



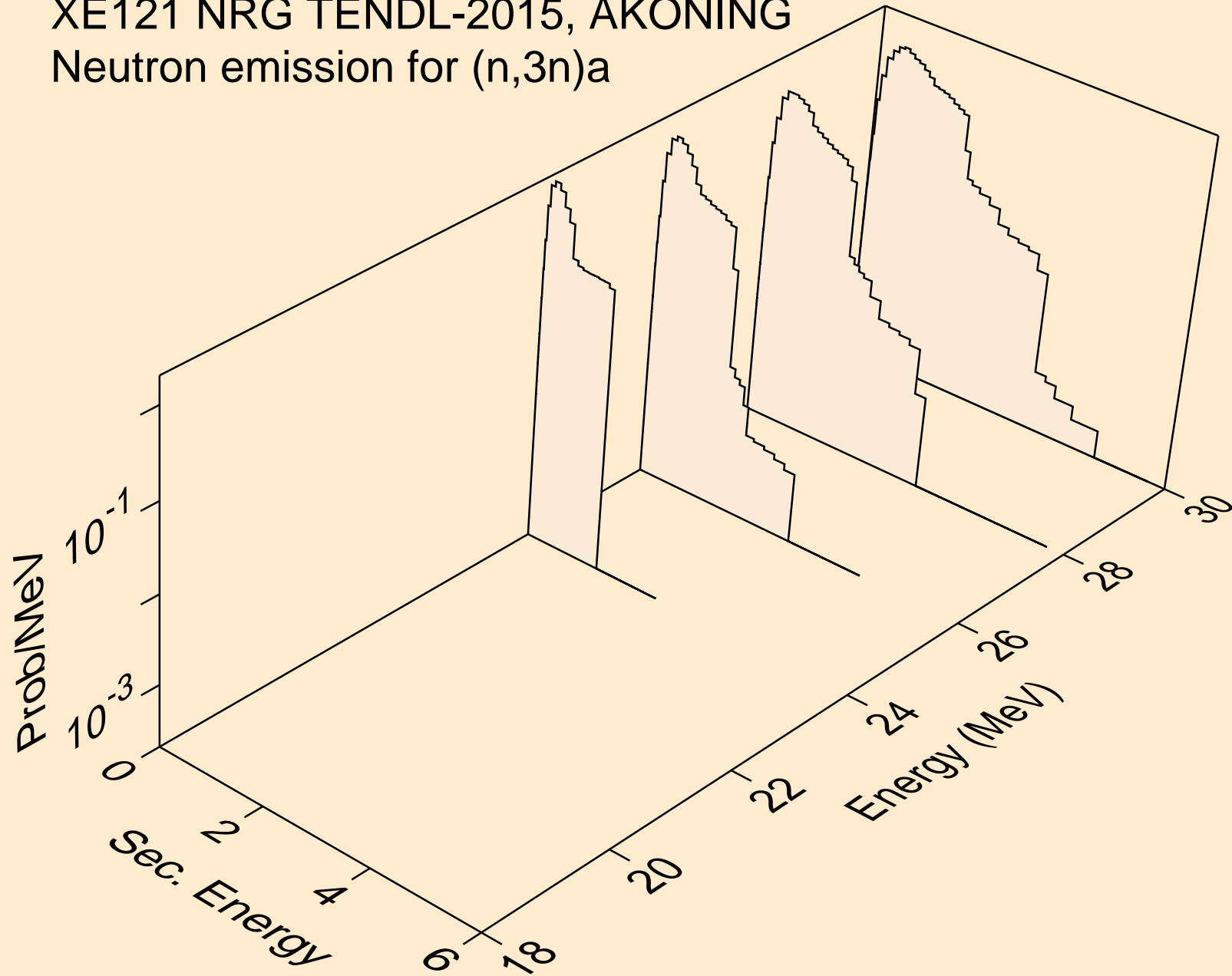
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



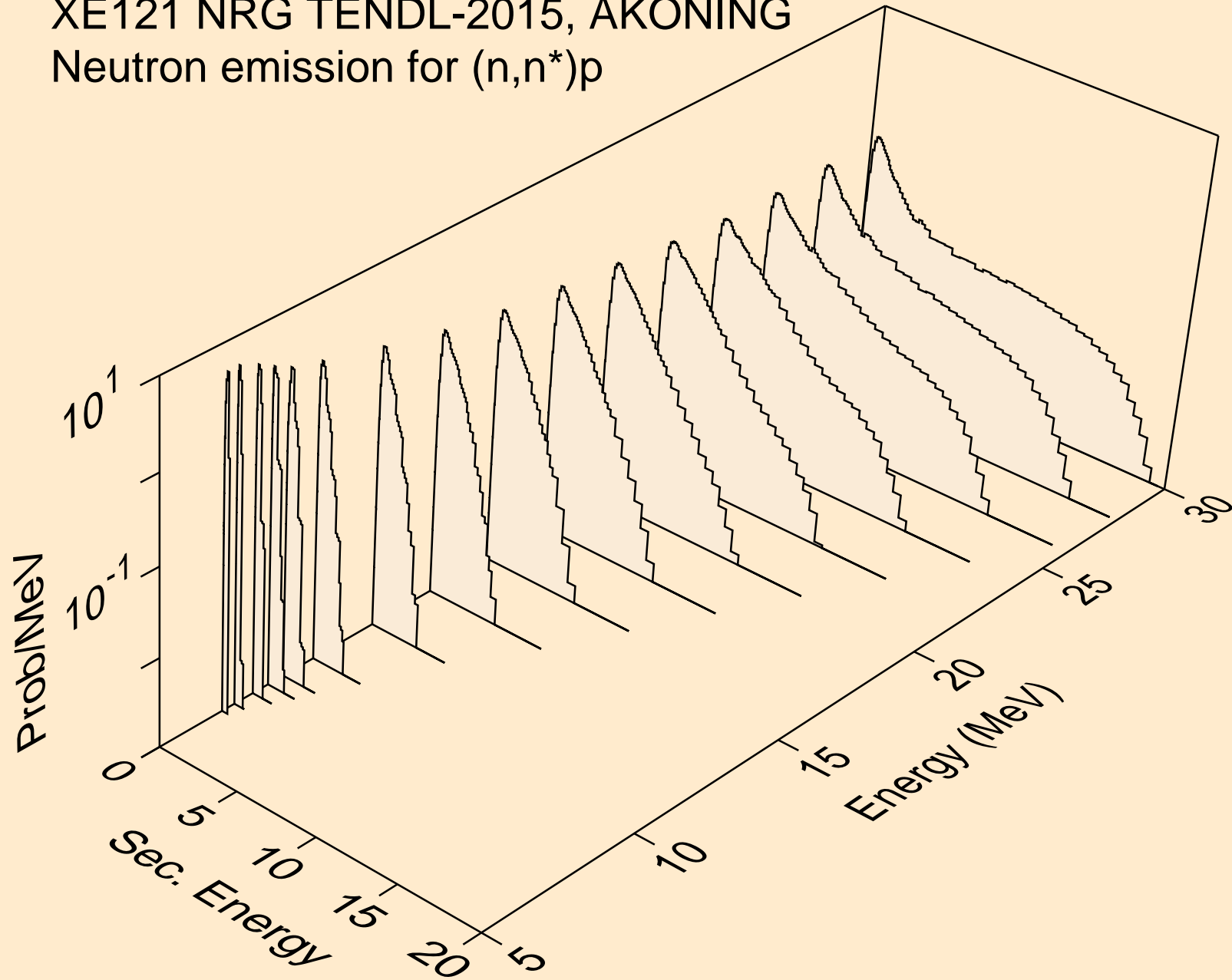
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

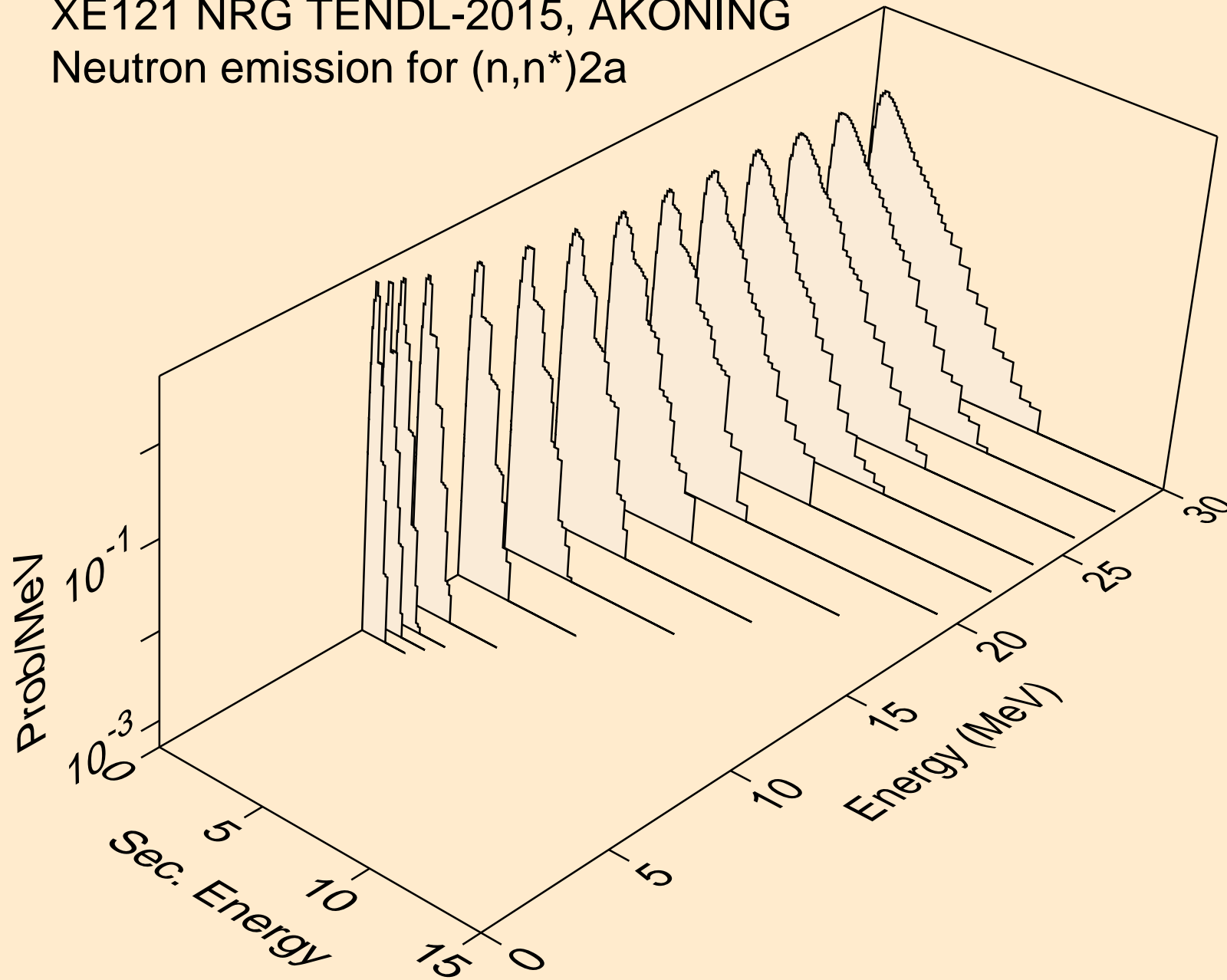


XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

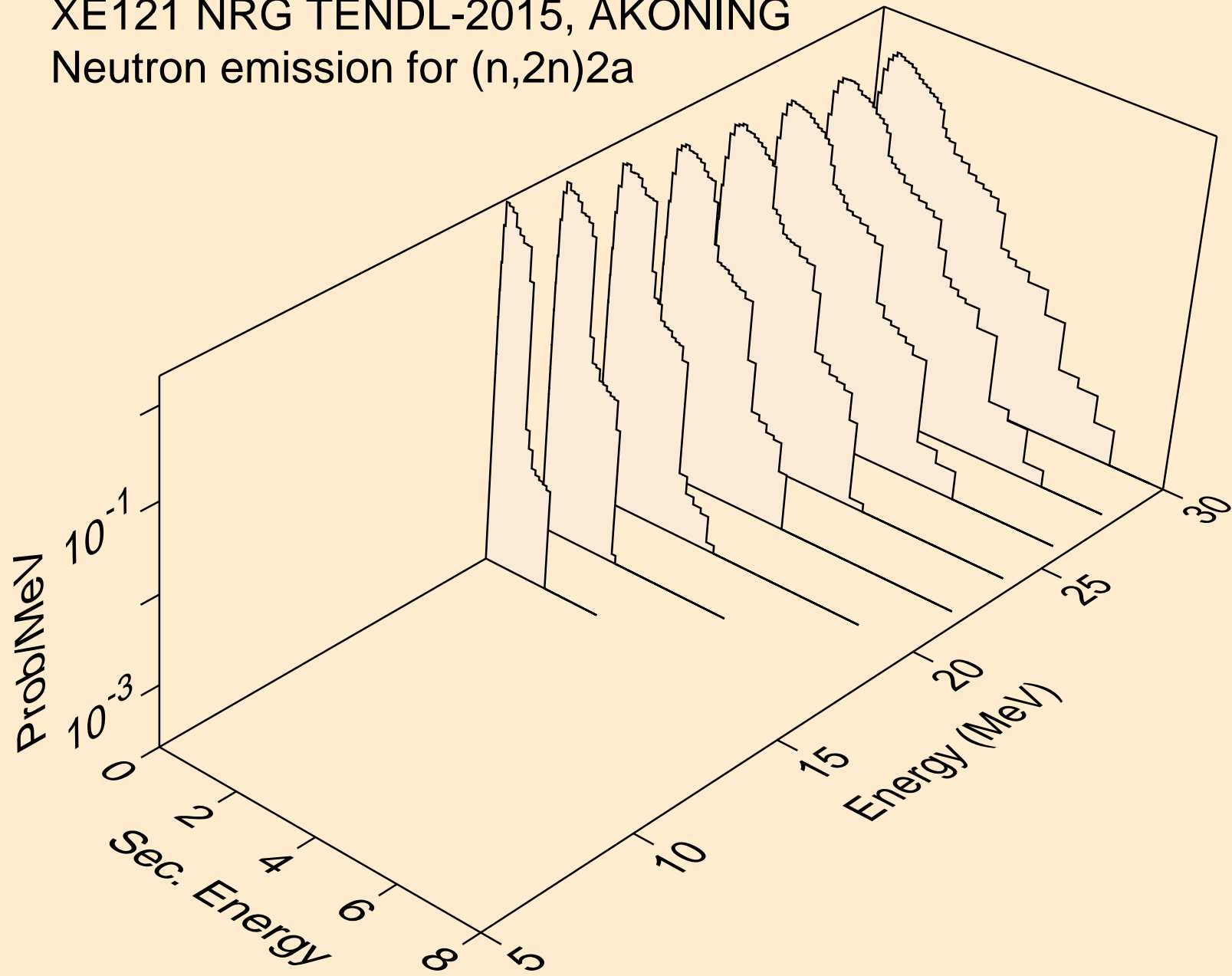




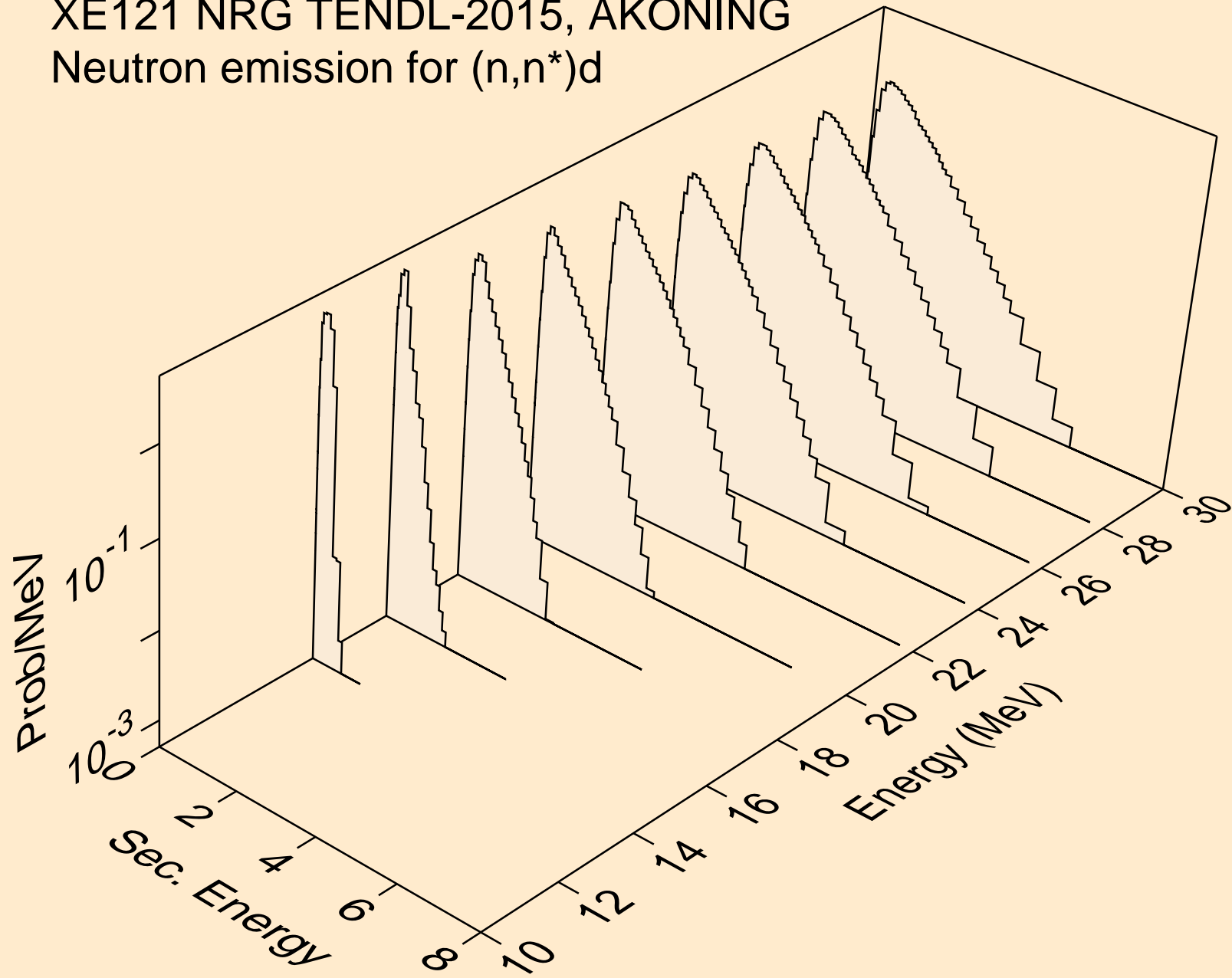
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



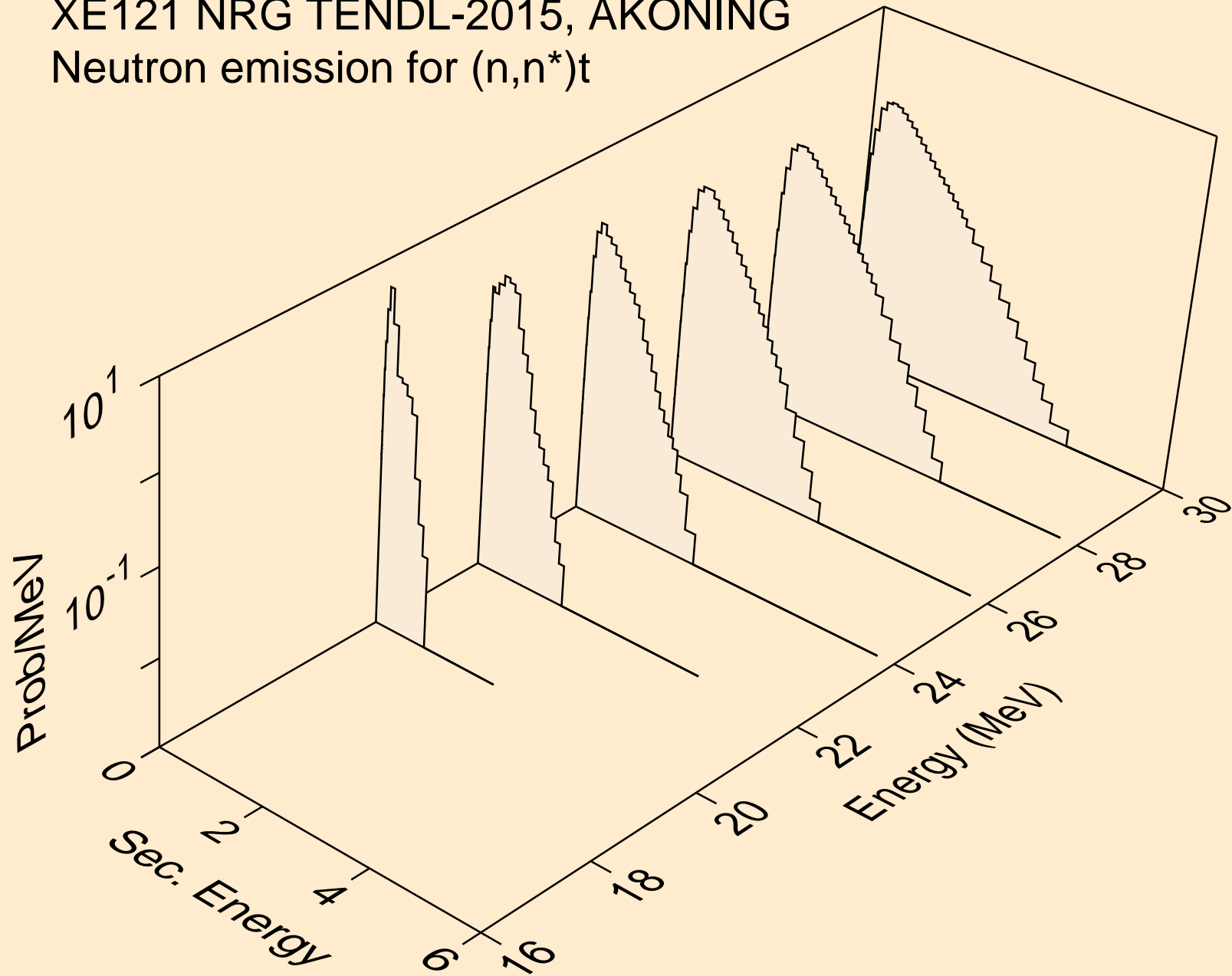
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



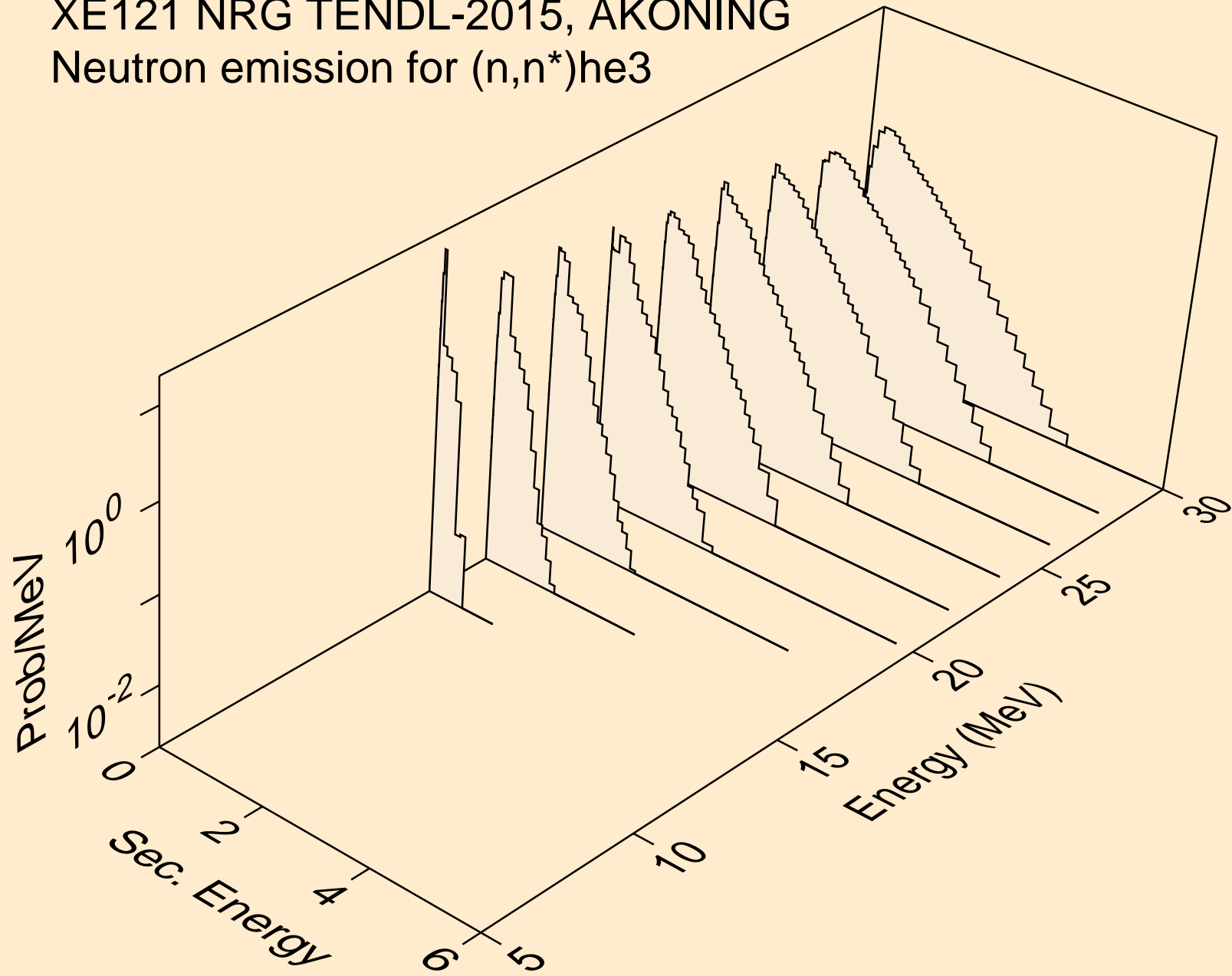
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



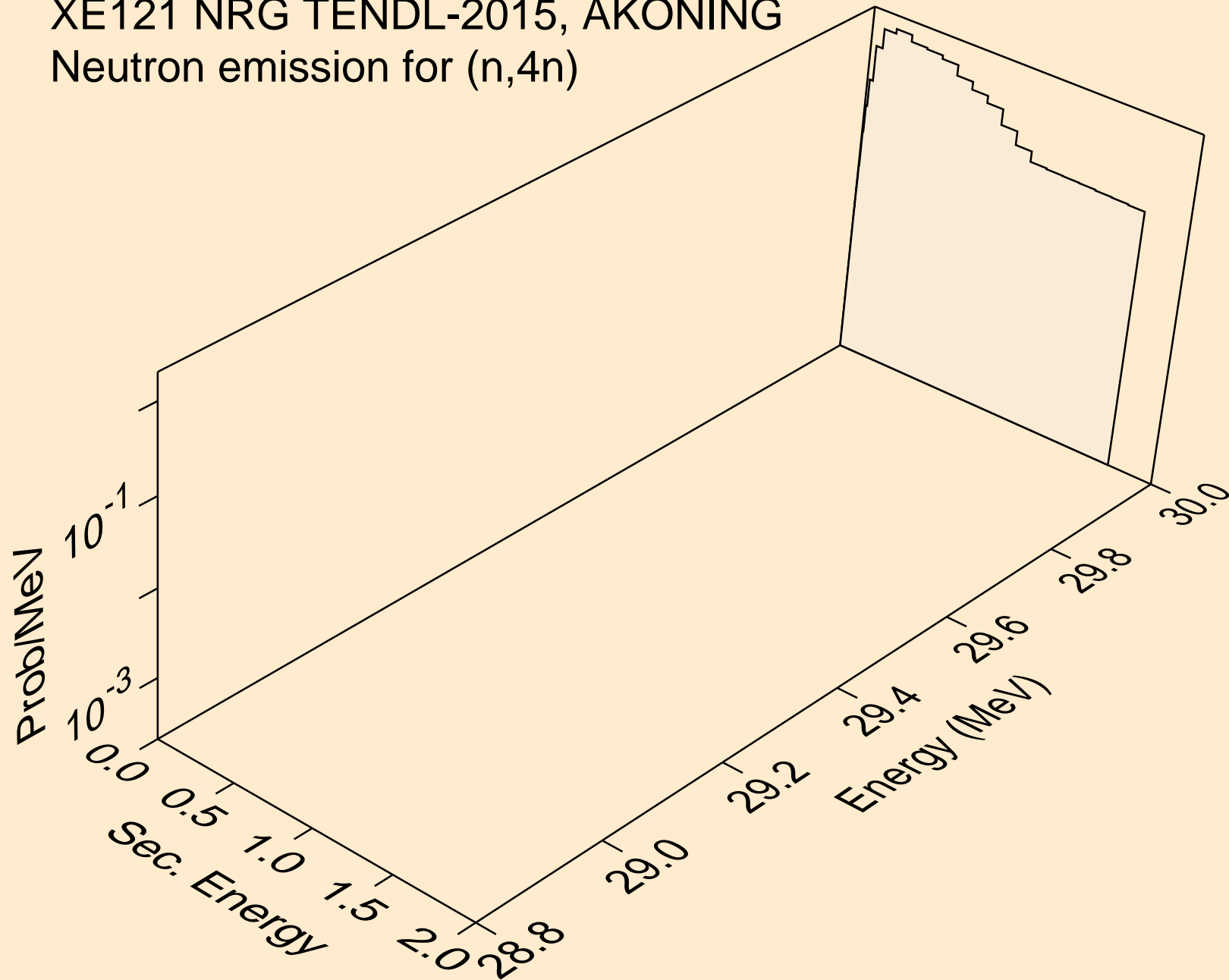
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



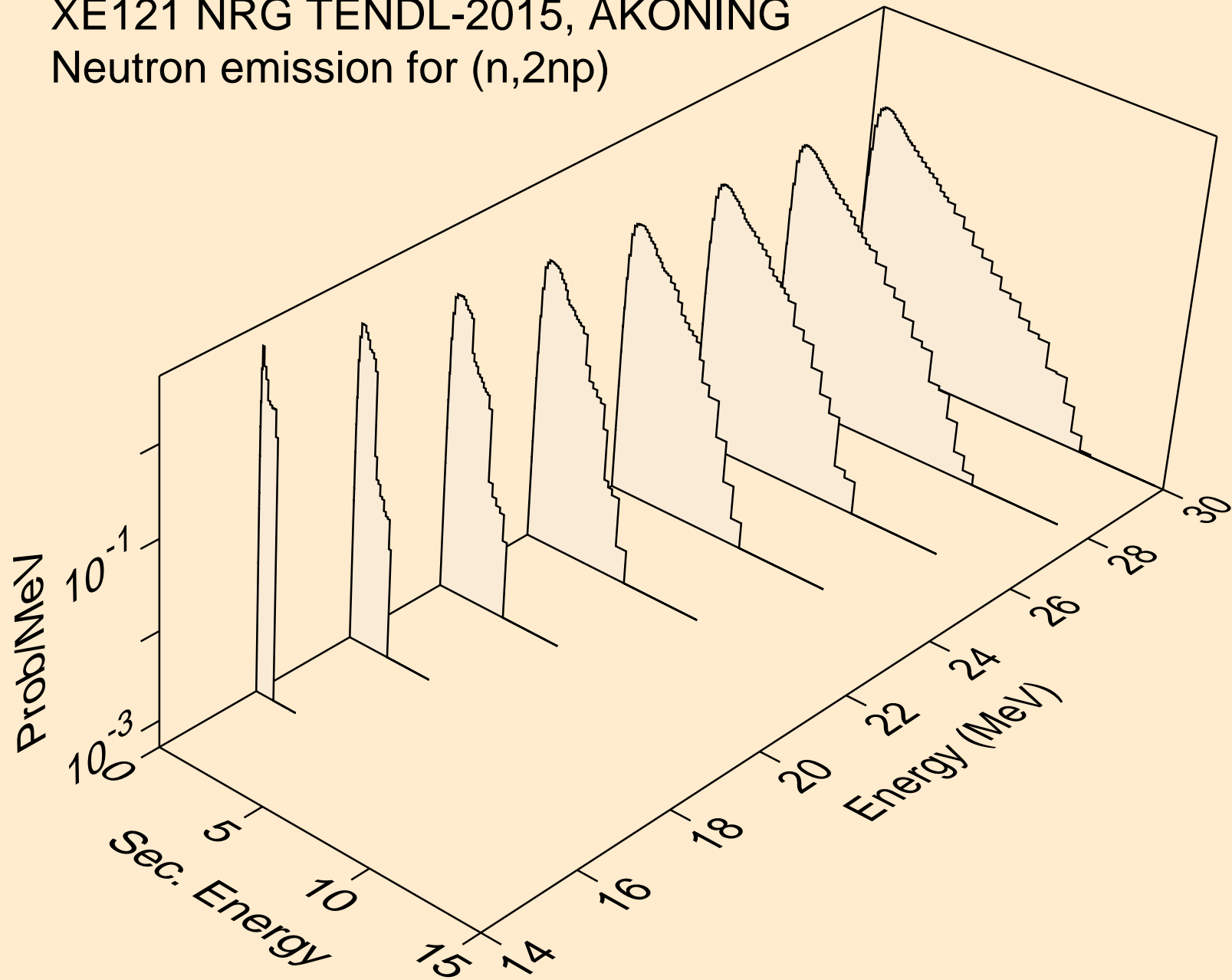
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



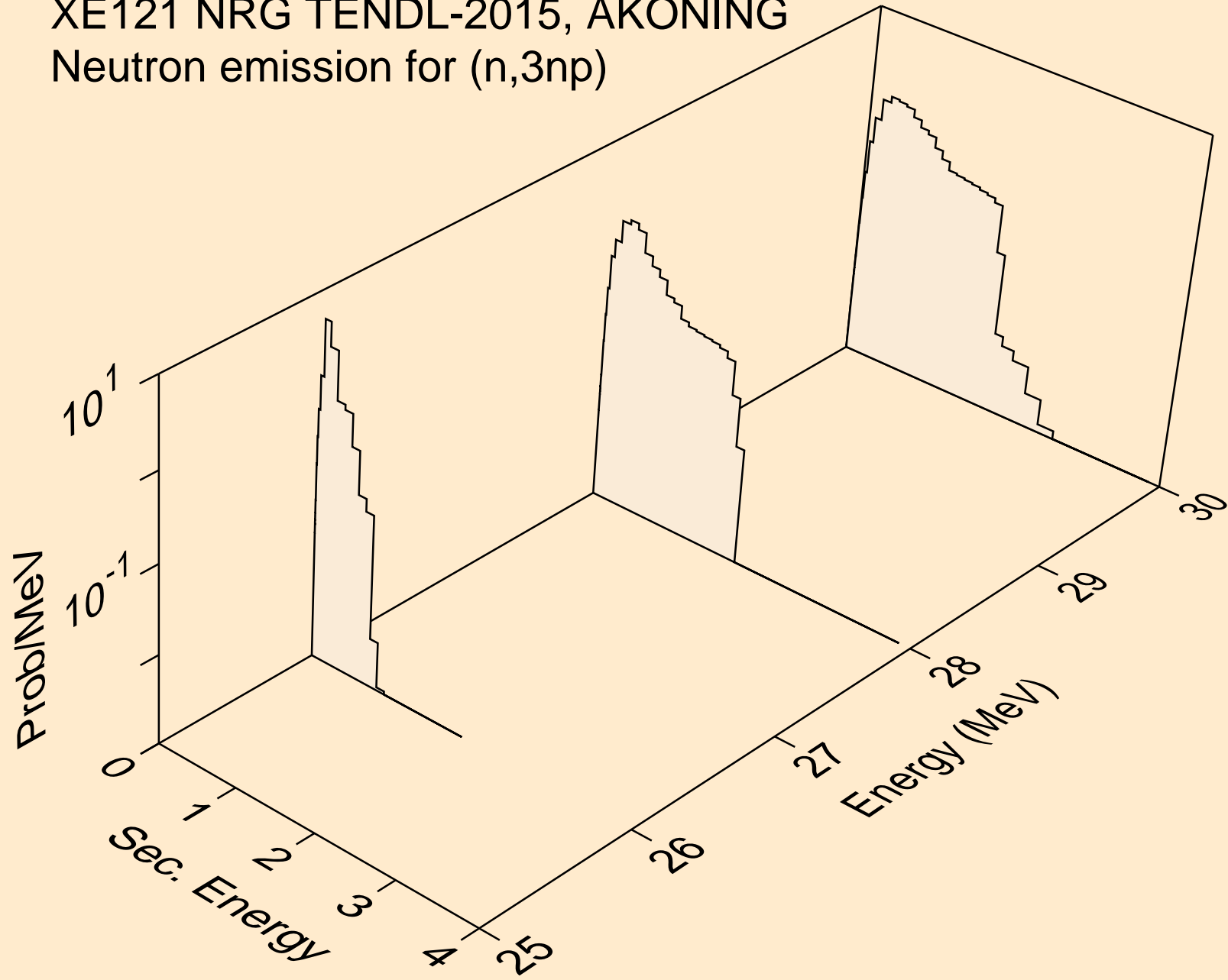
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

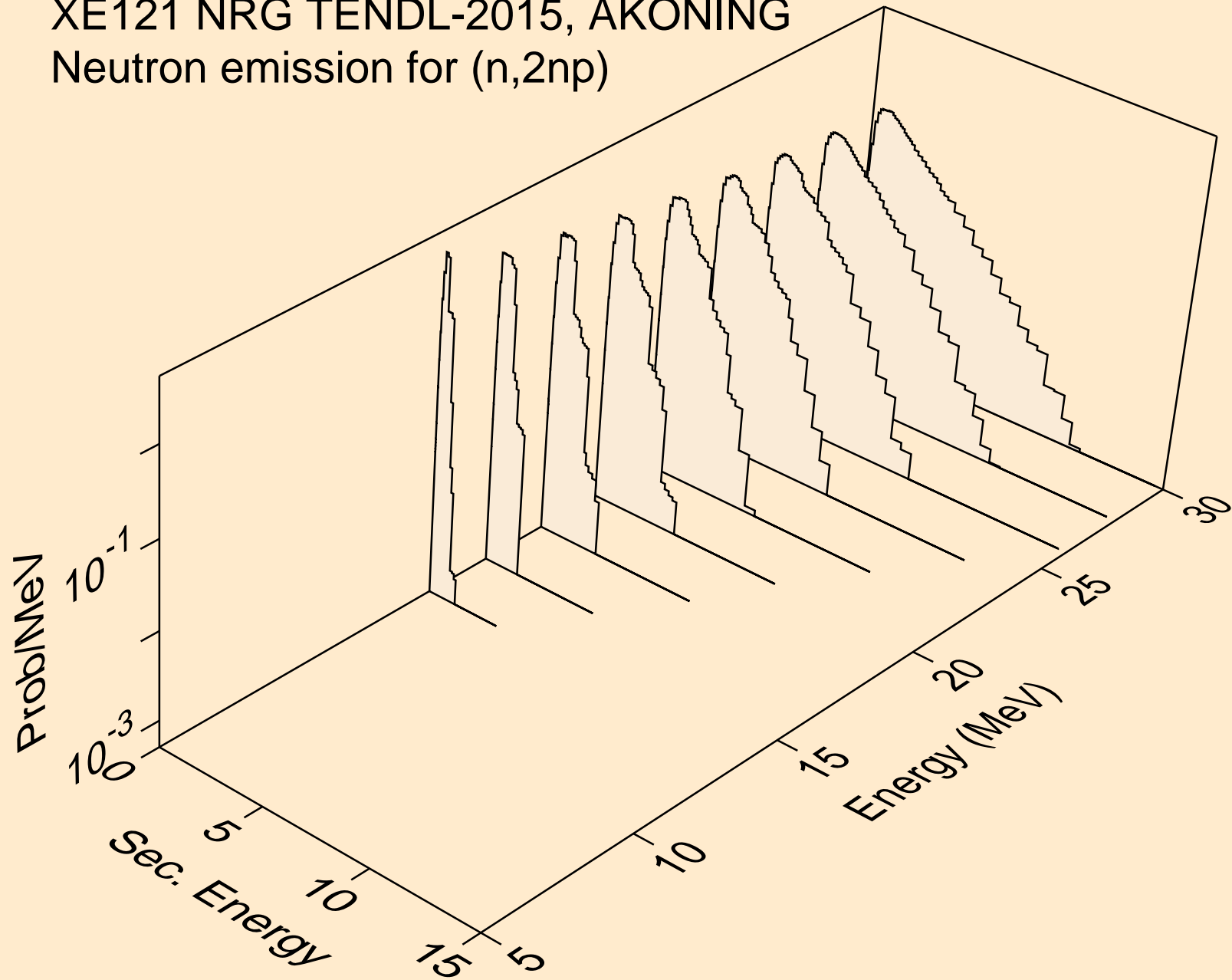


XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

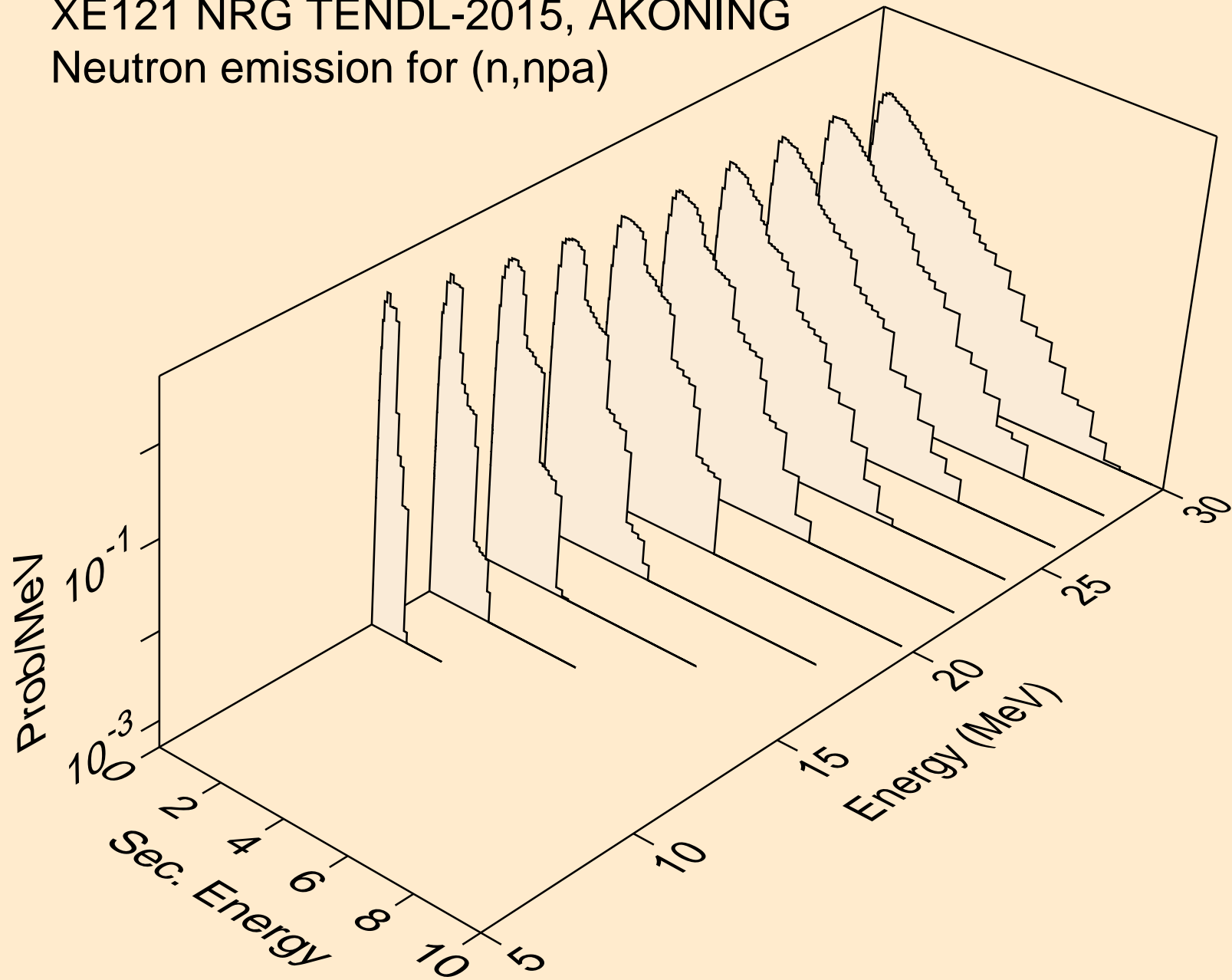




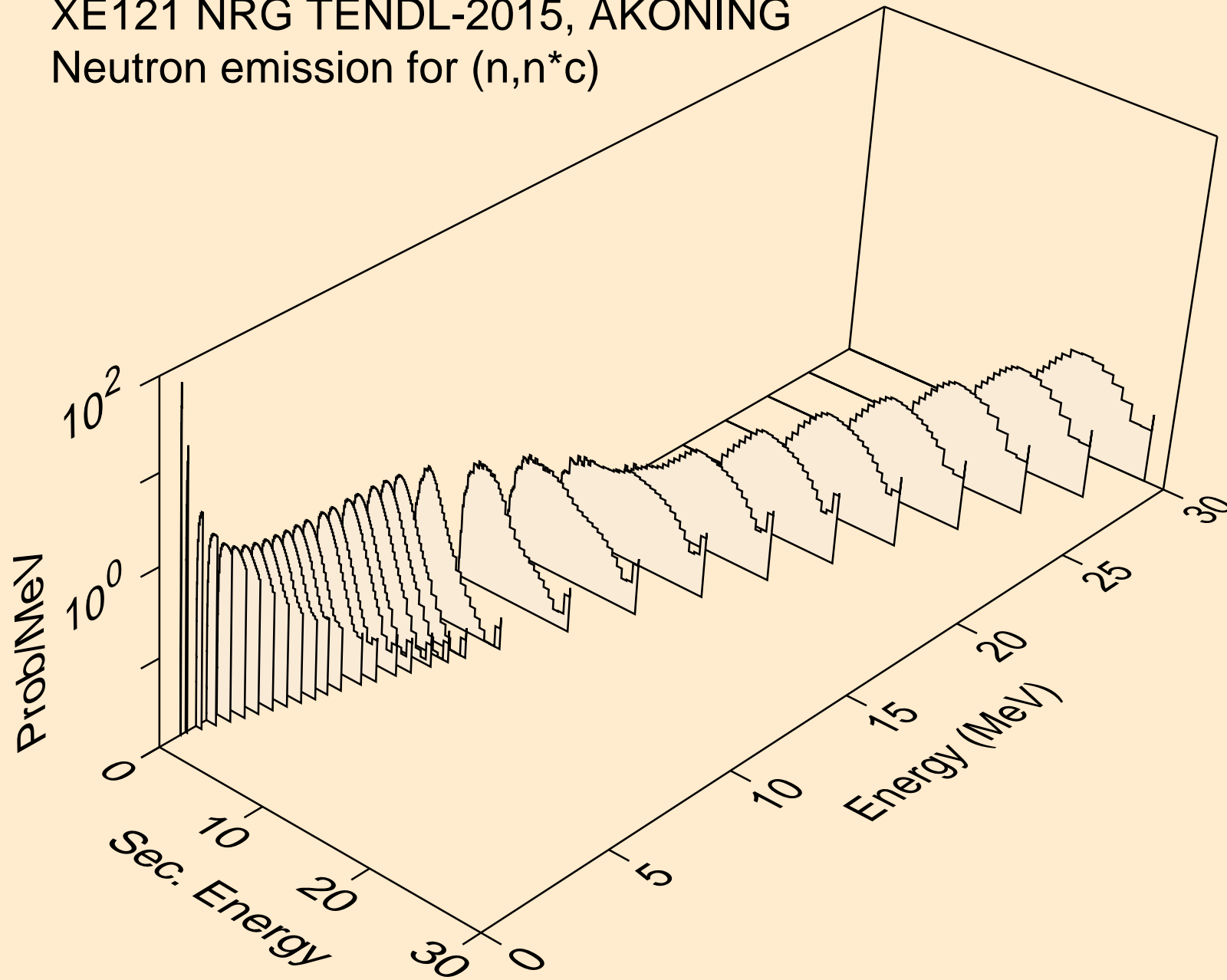
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



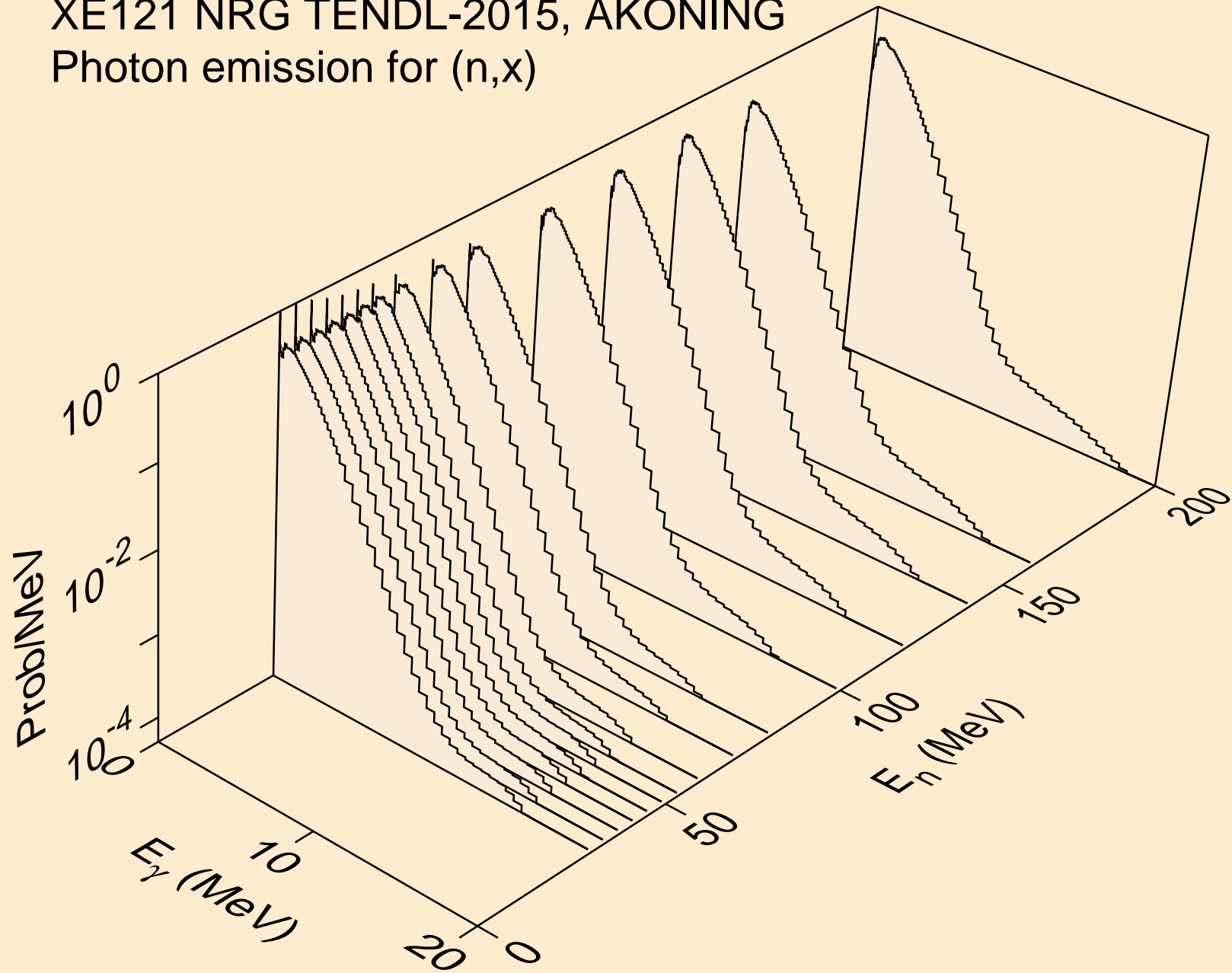
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



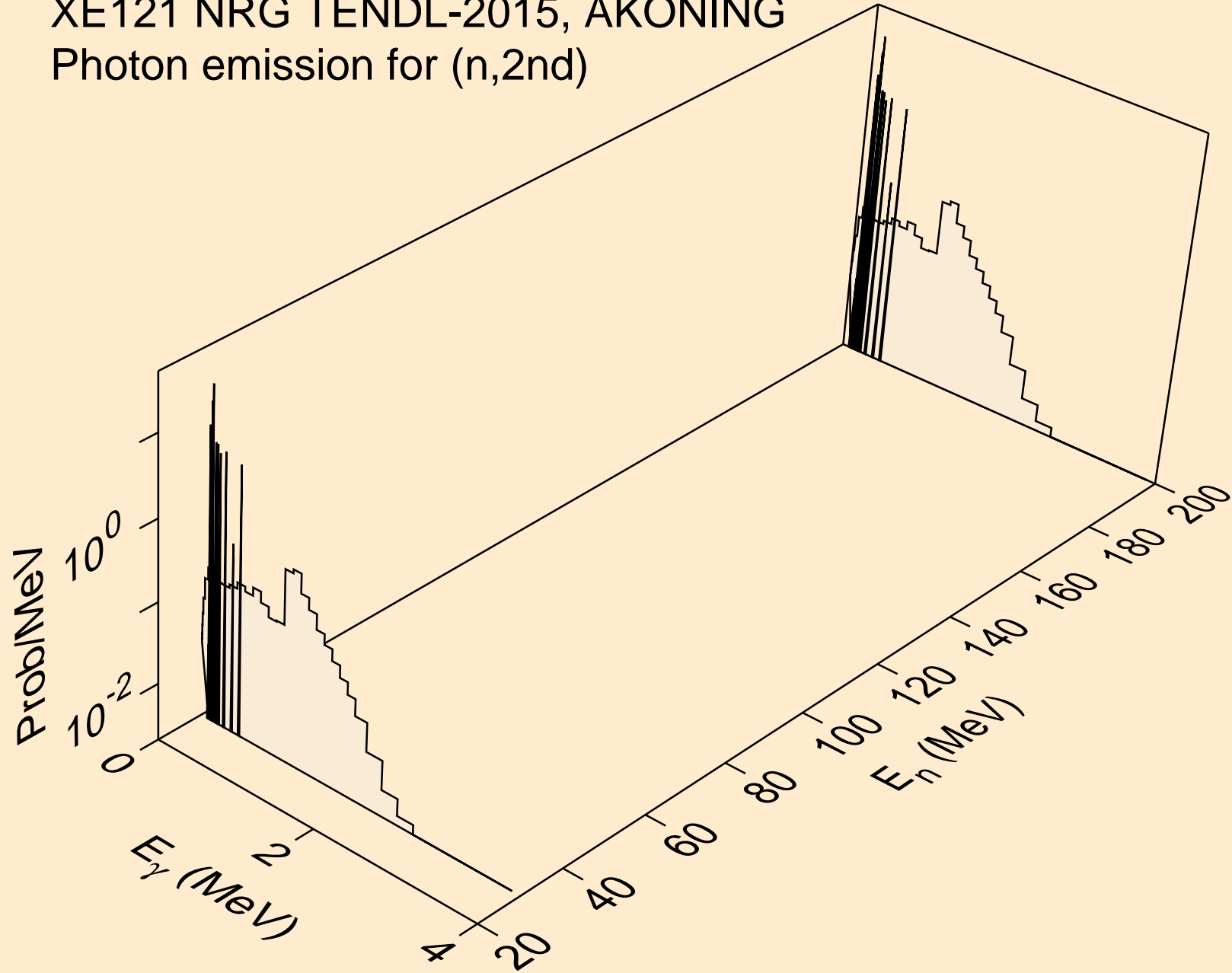
XE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



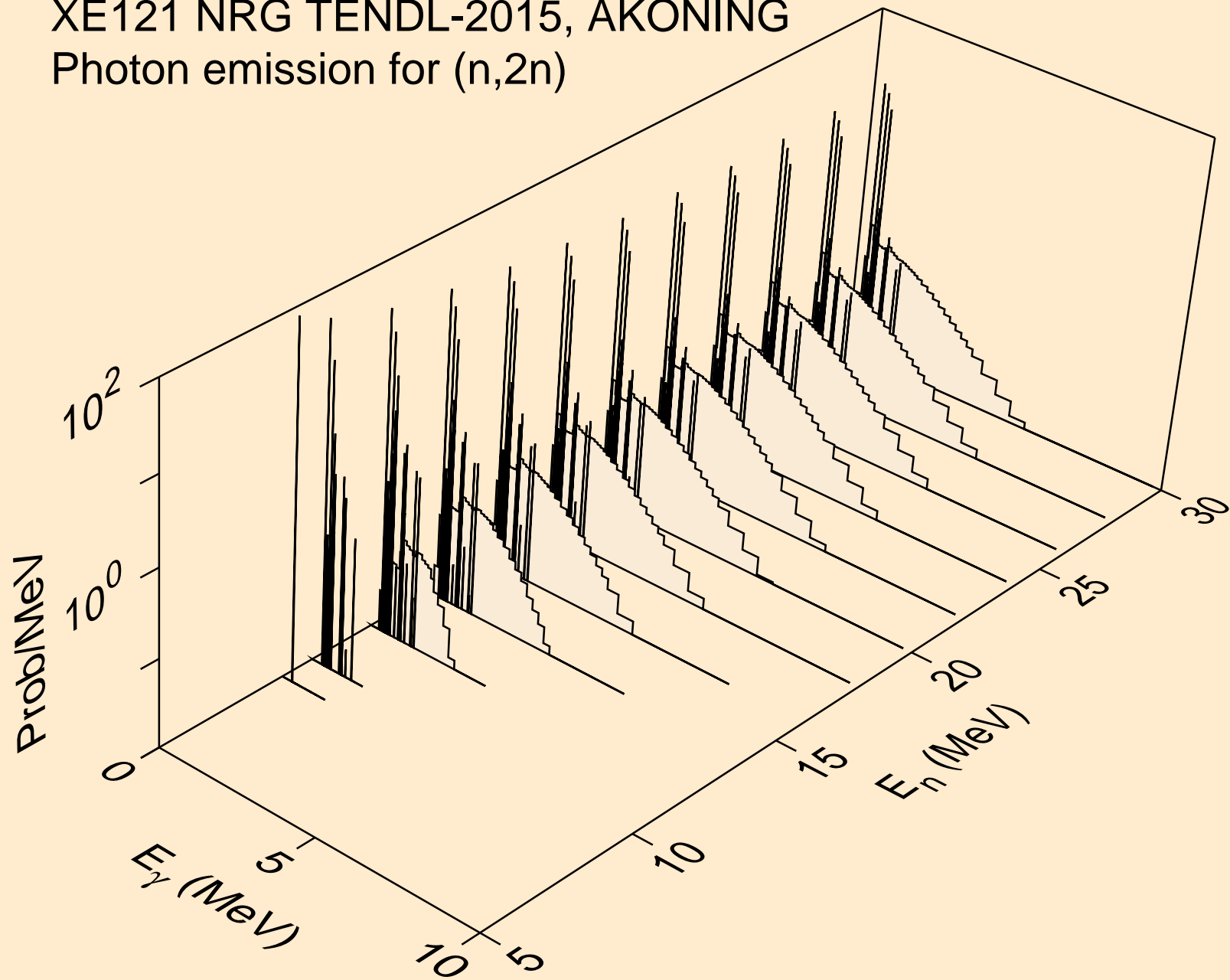
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



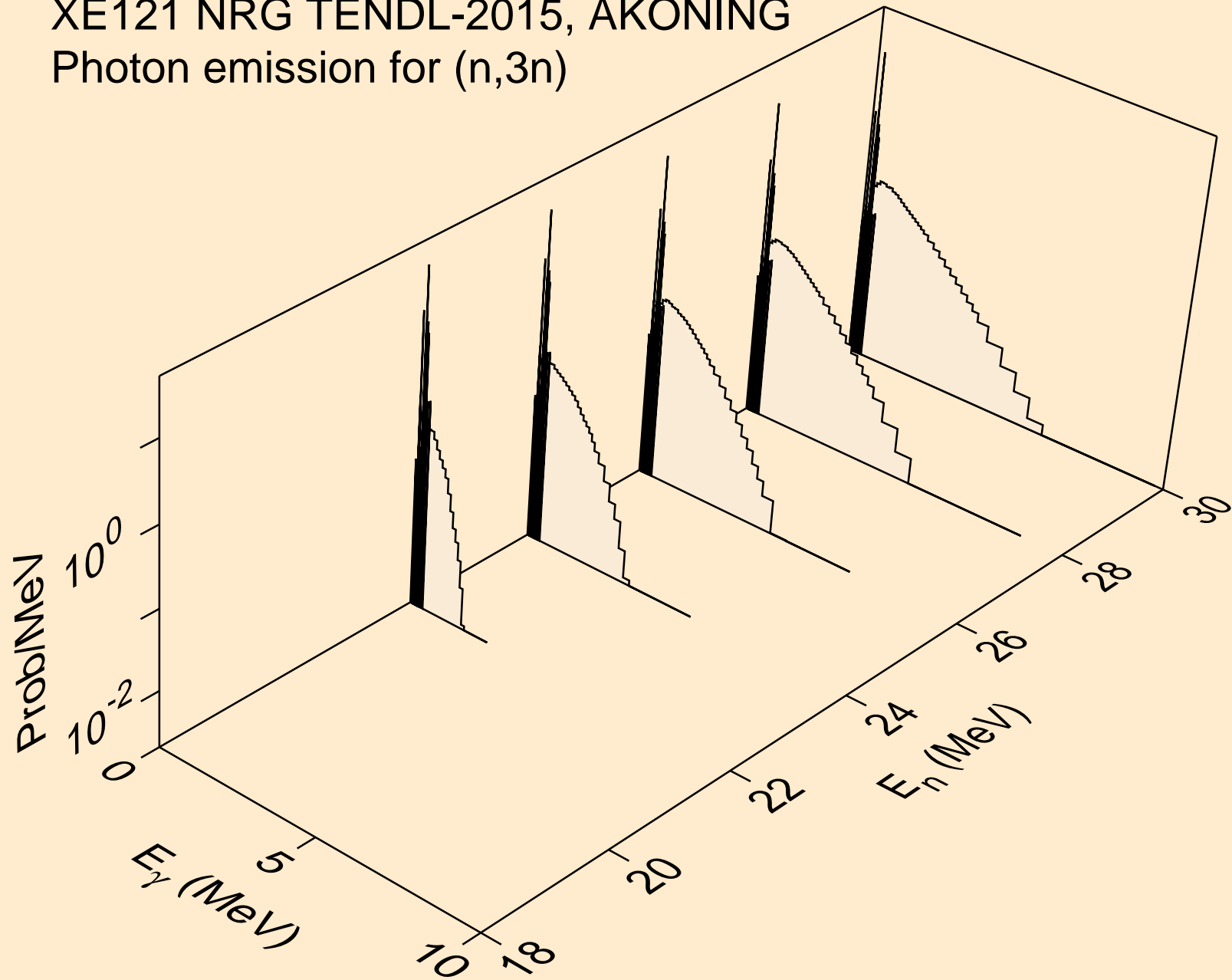
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



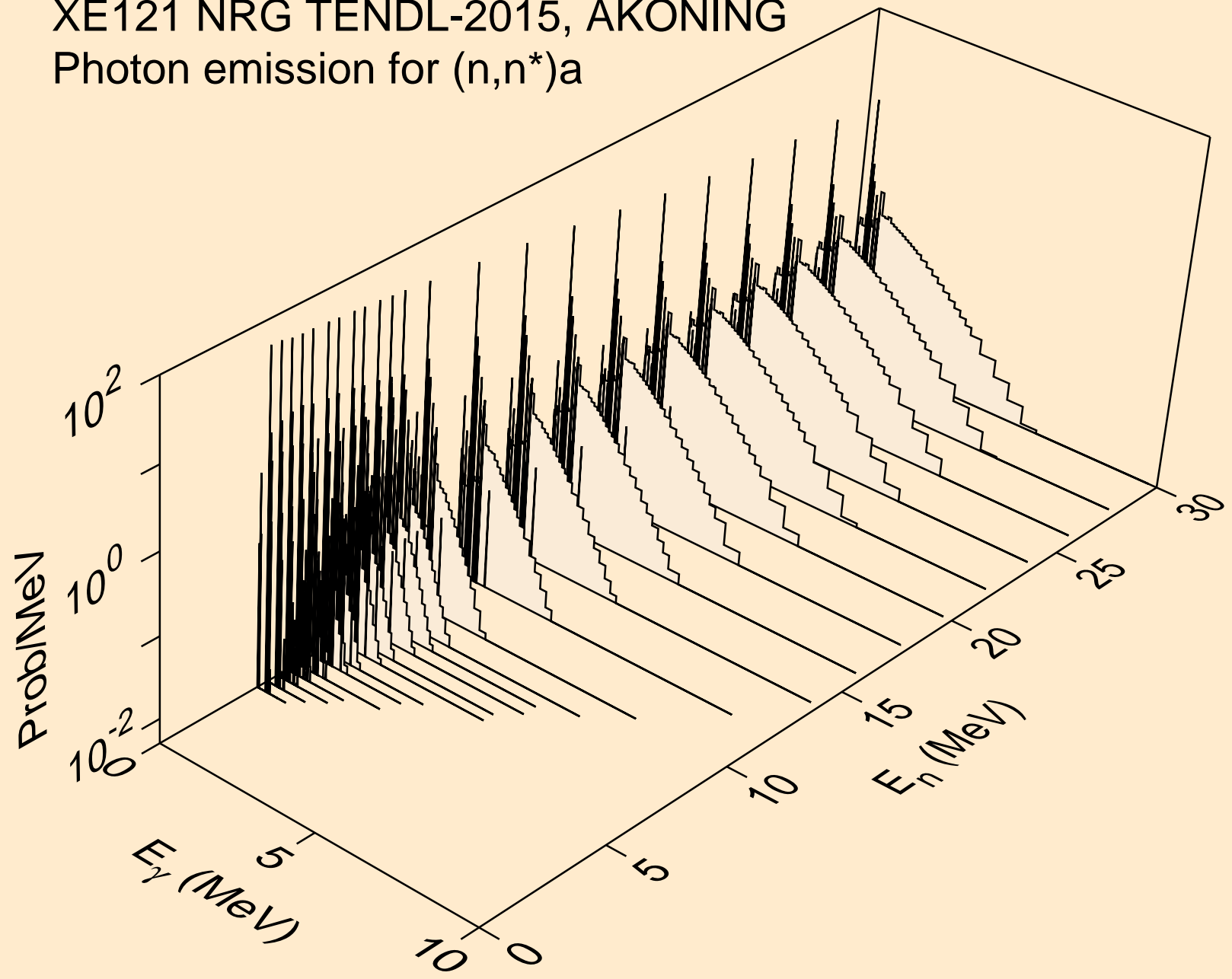
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

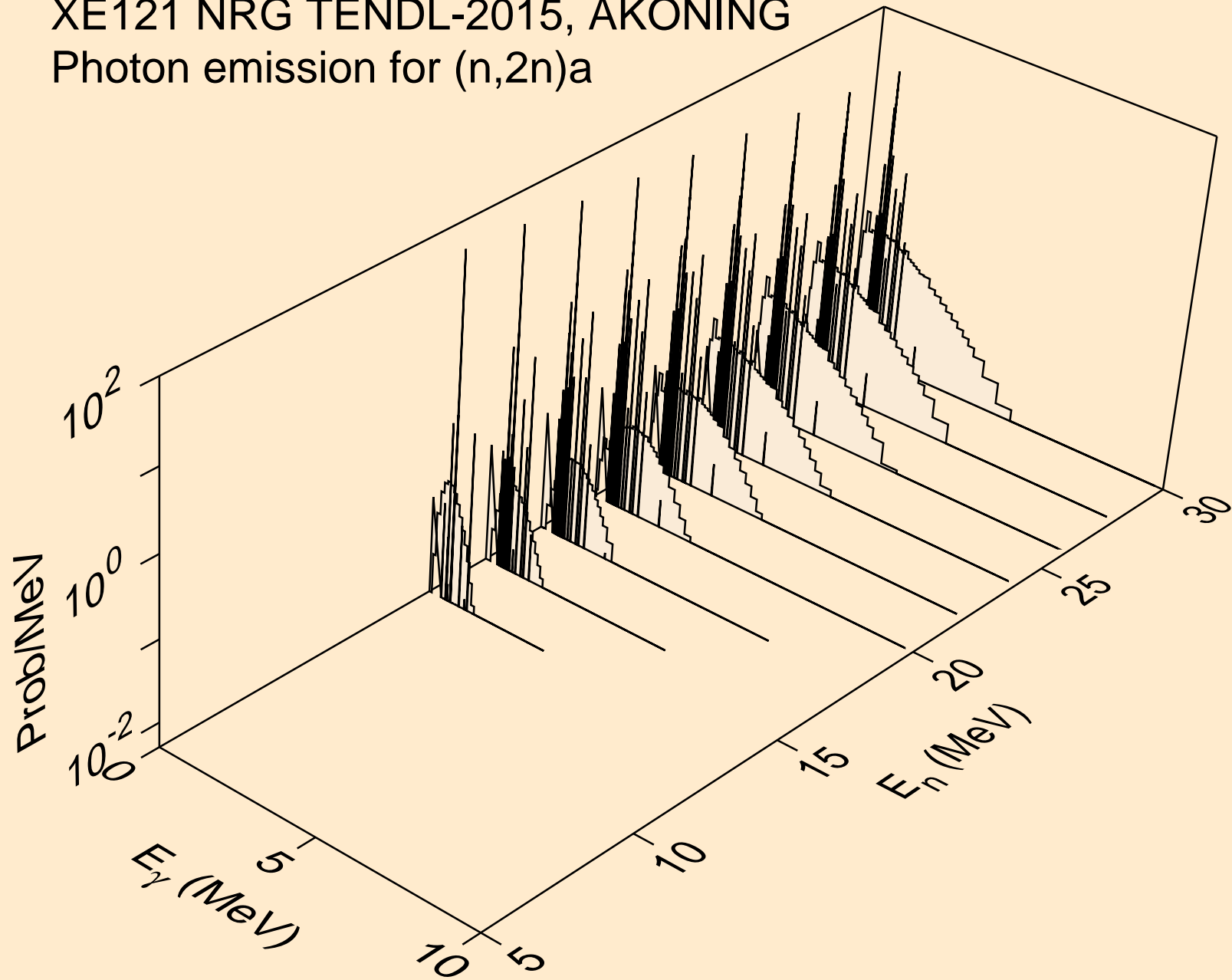


XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

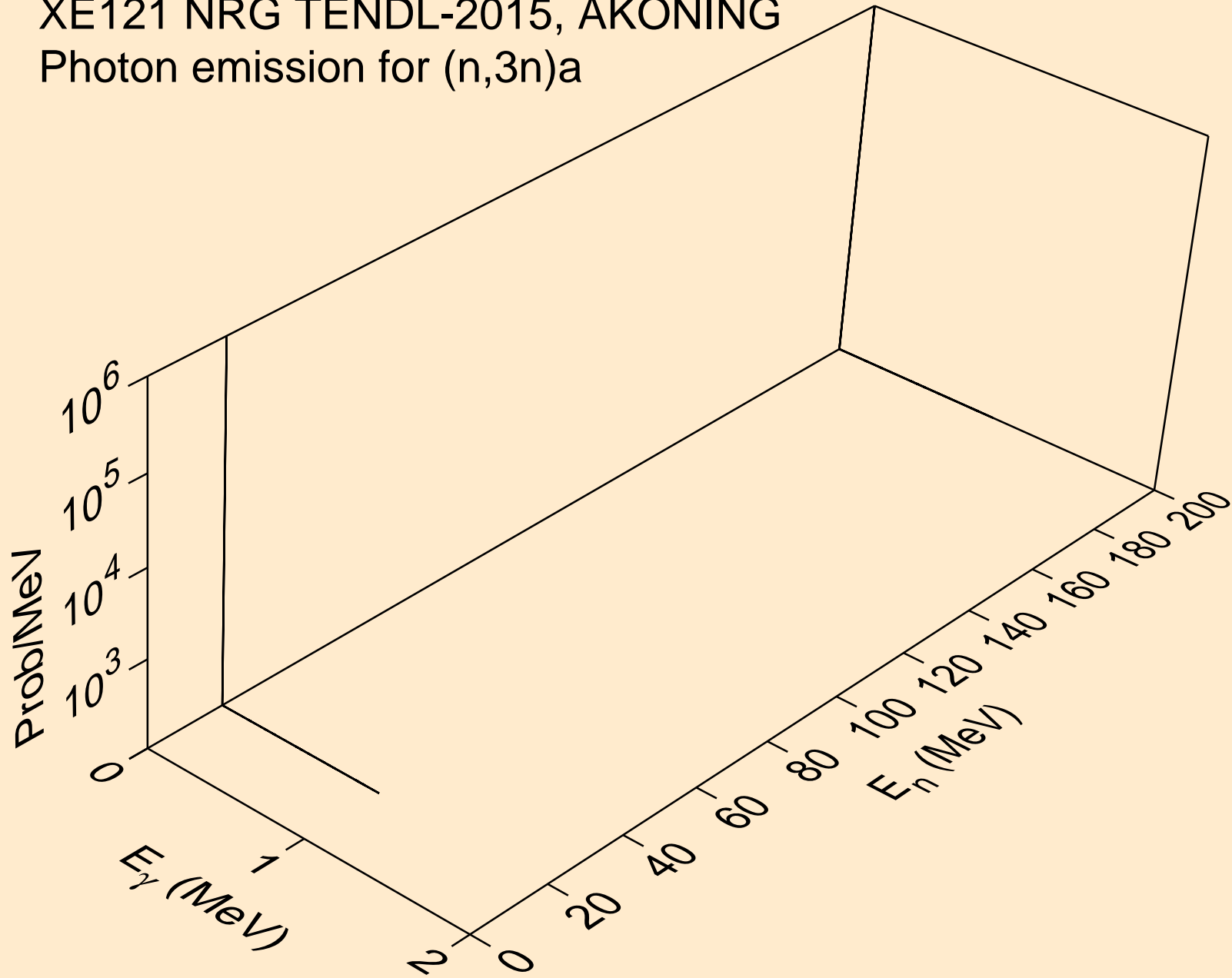




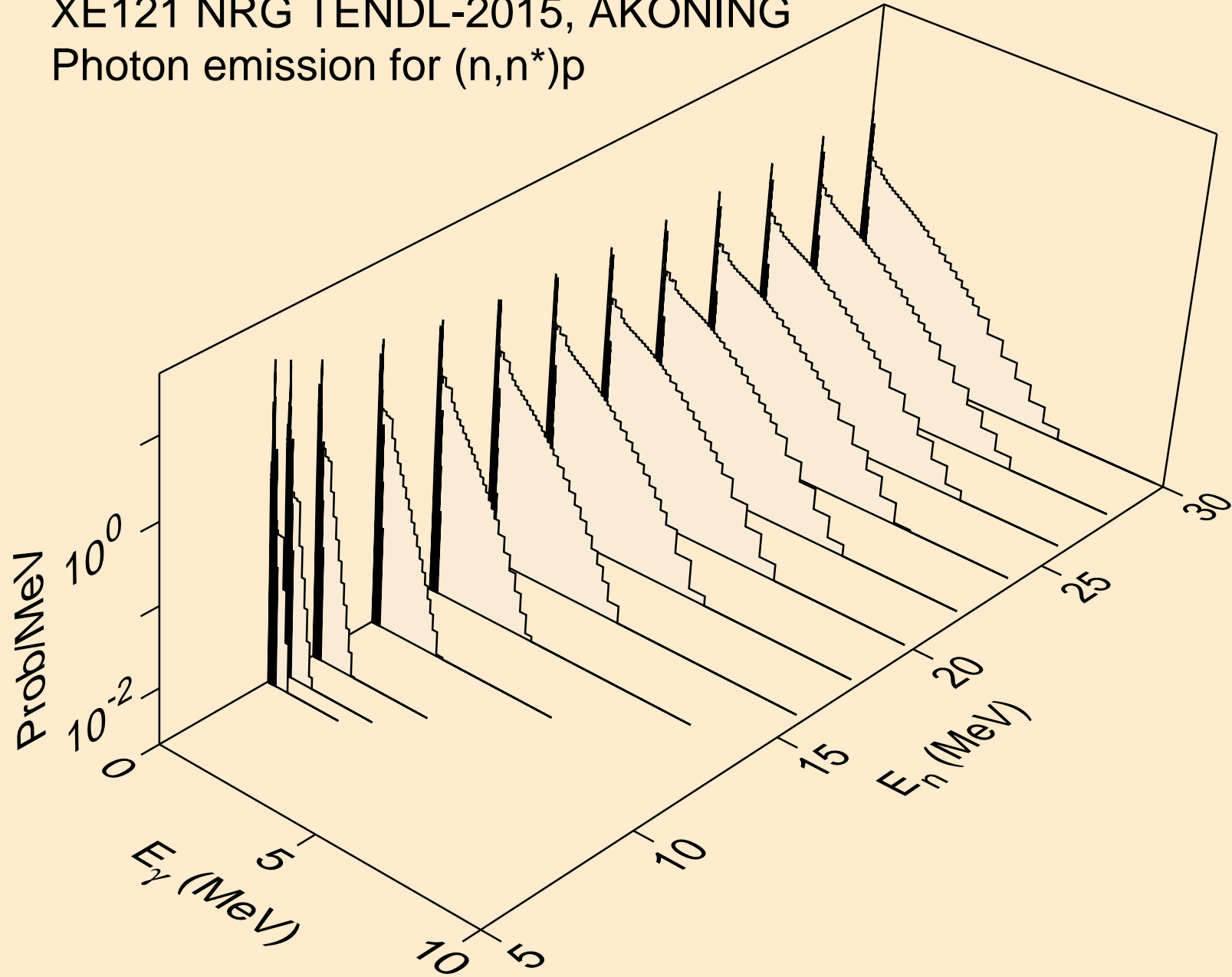
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



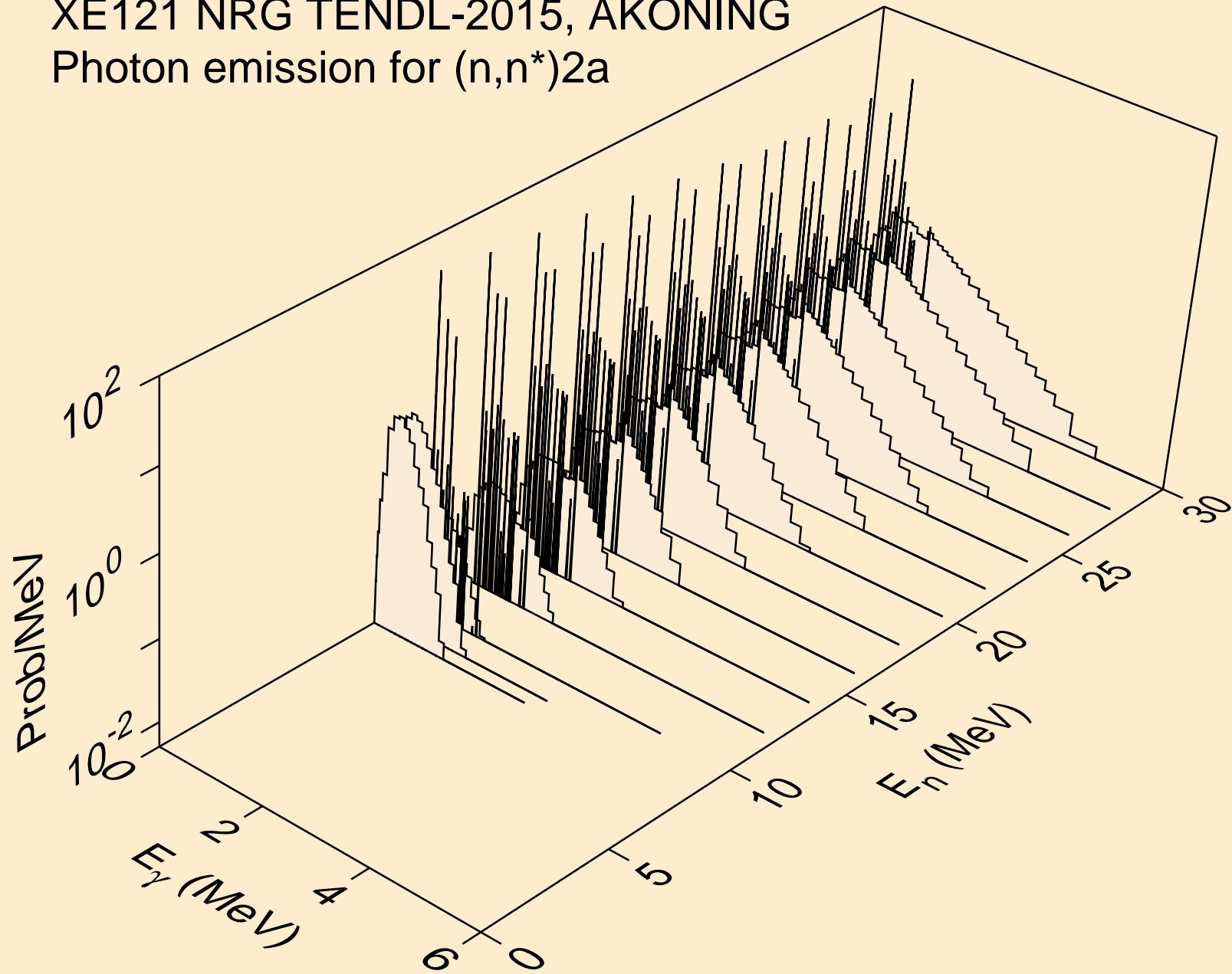
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



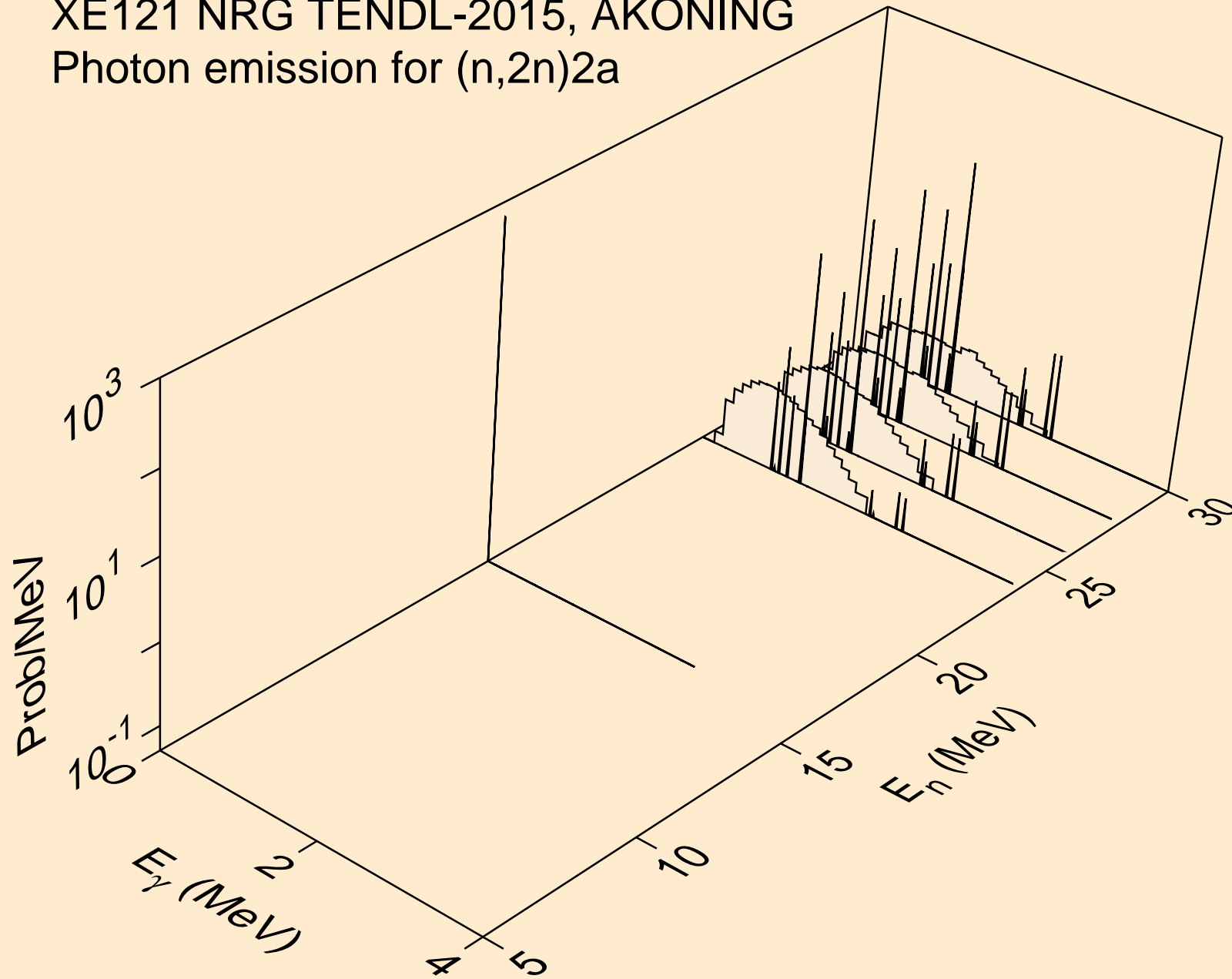
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



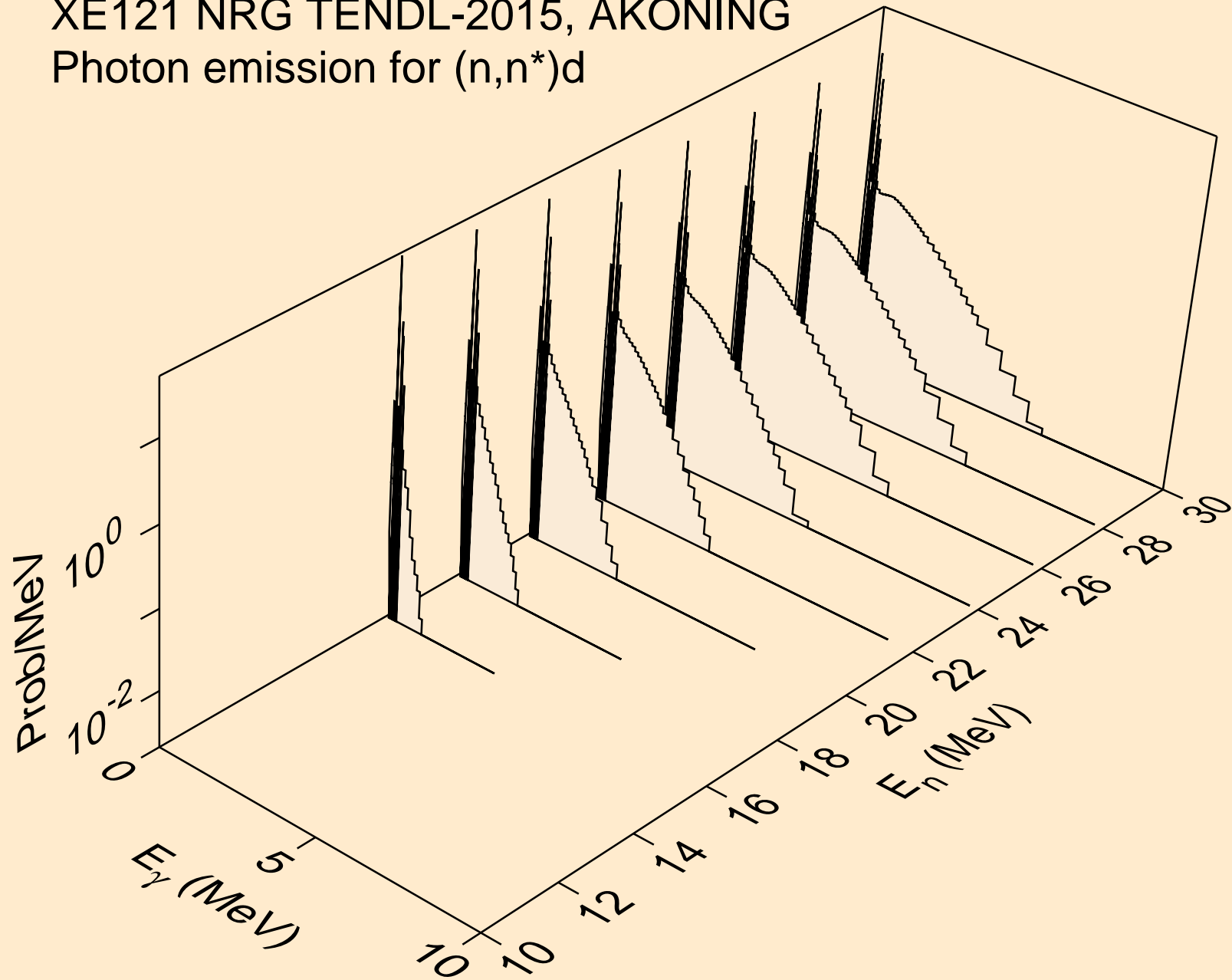
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



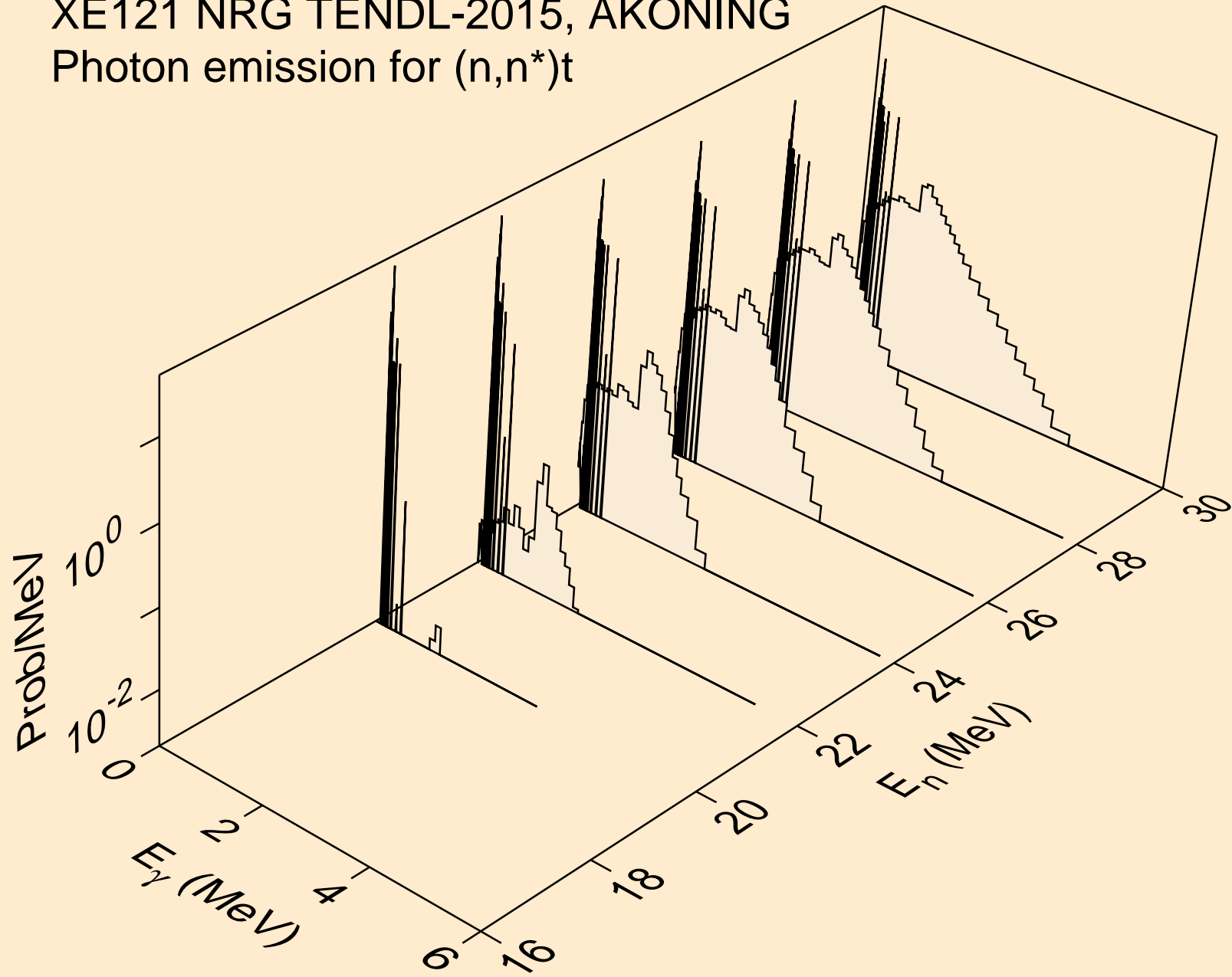
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



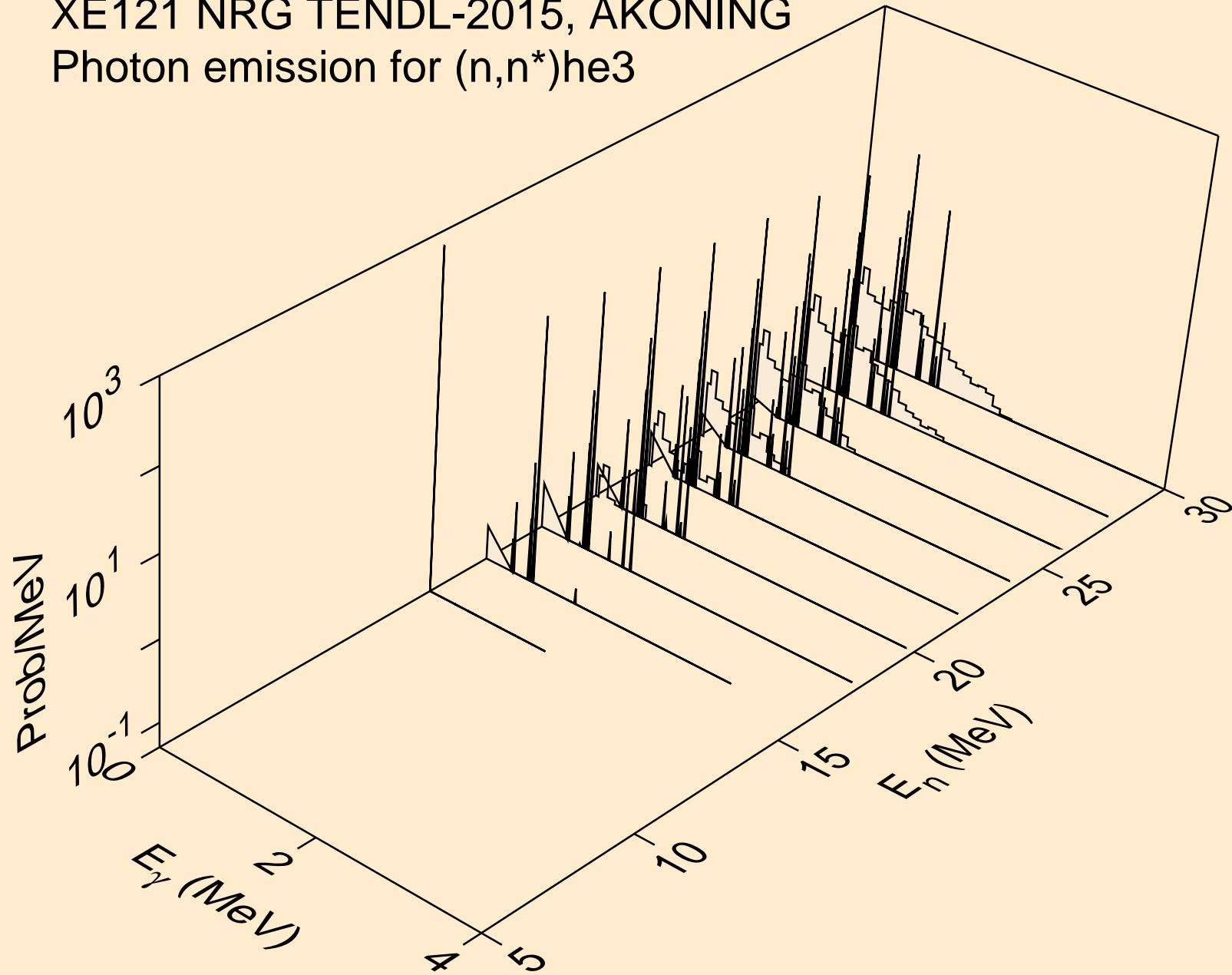
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

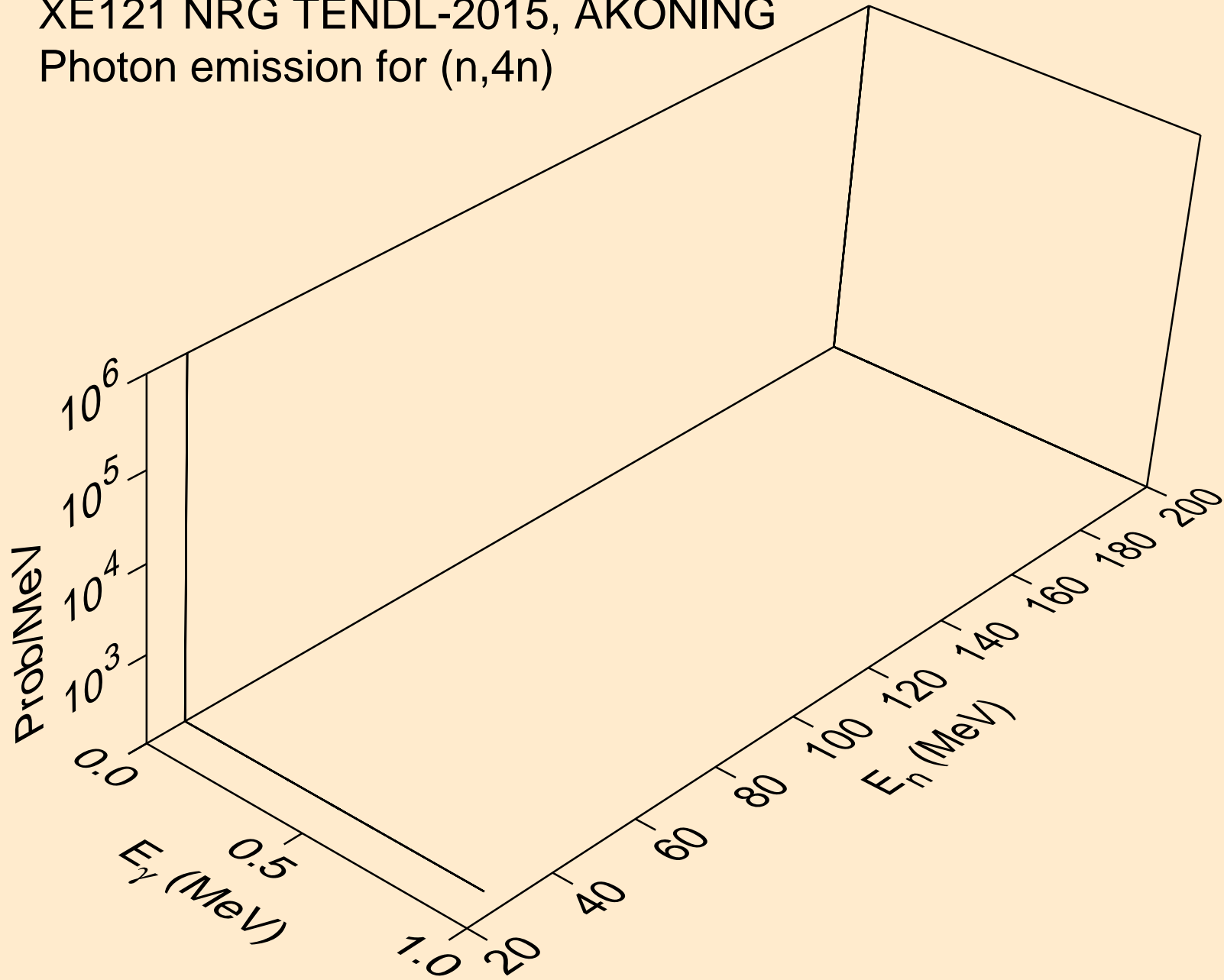


XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

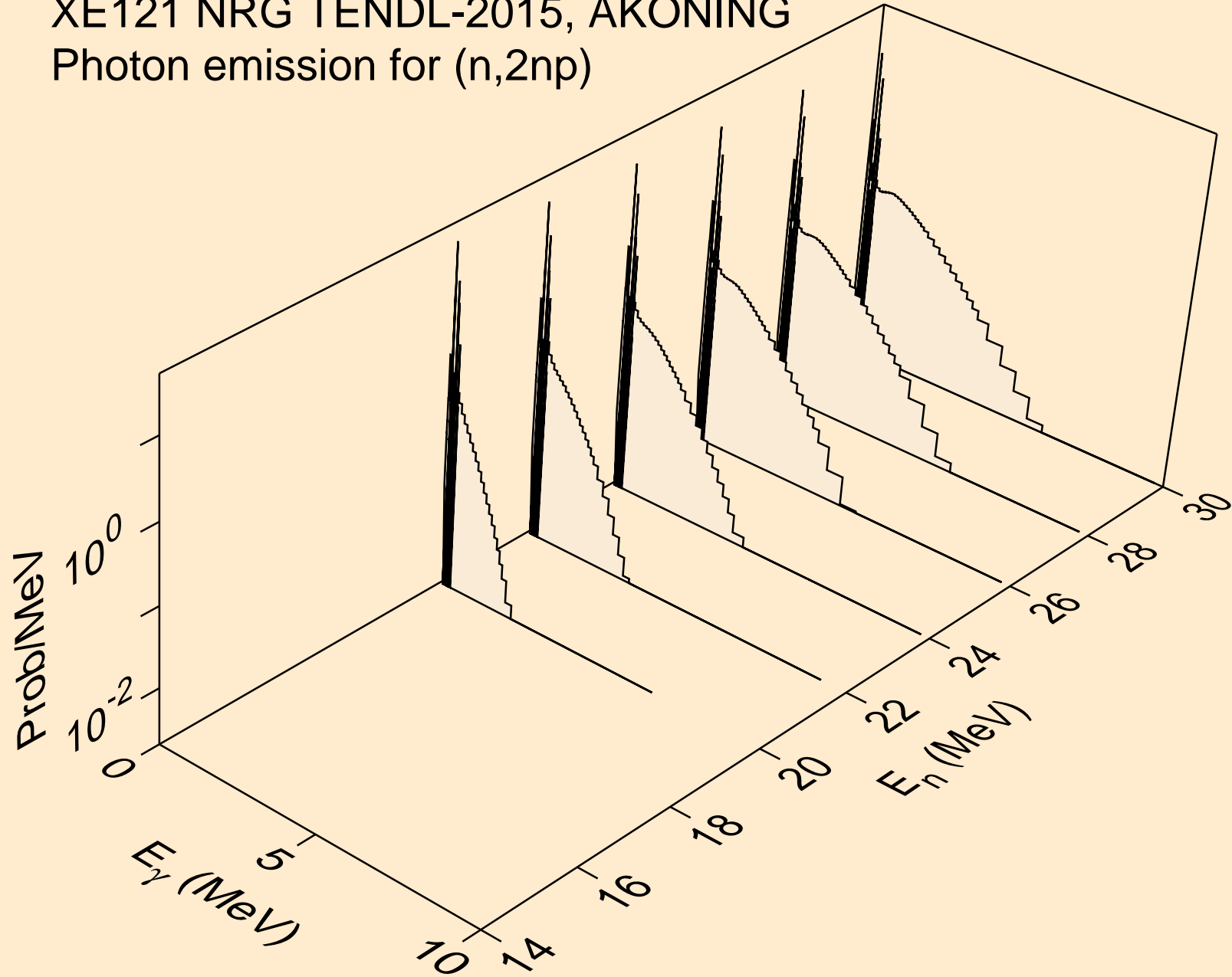




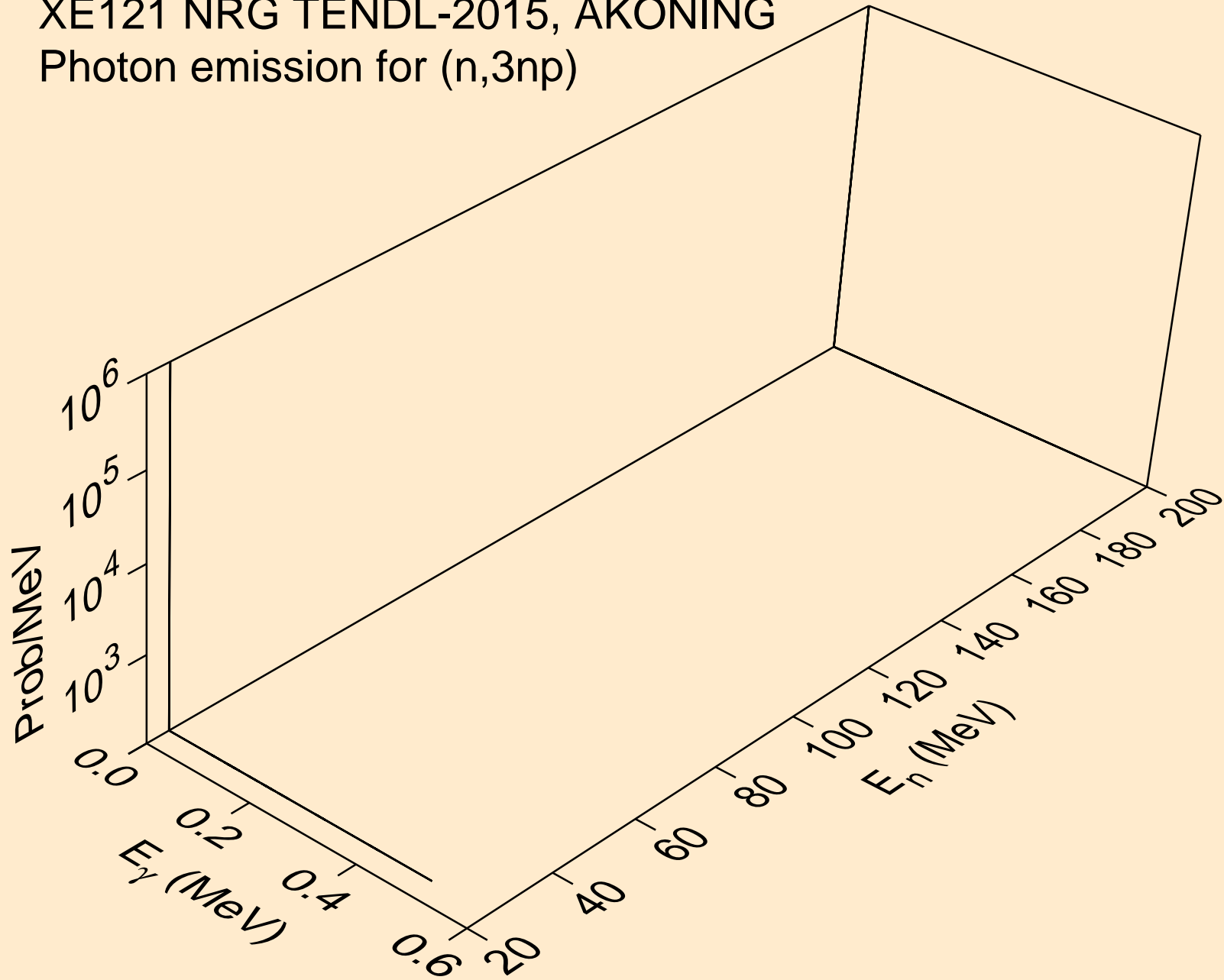
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



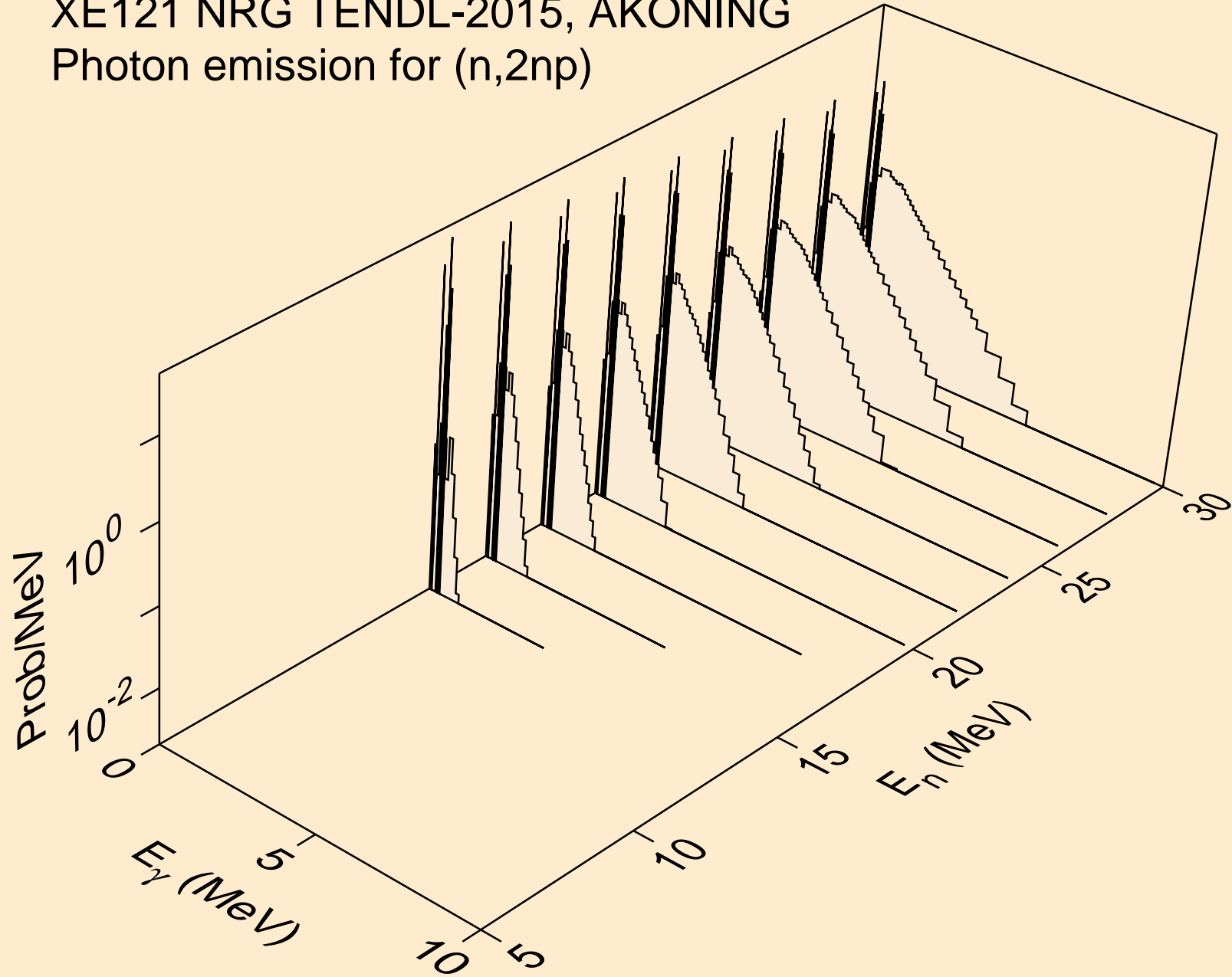
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



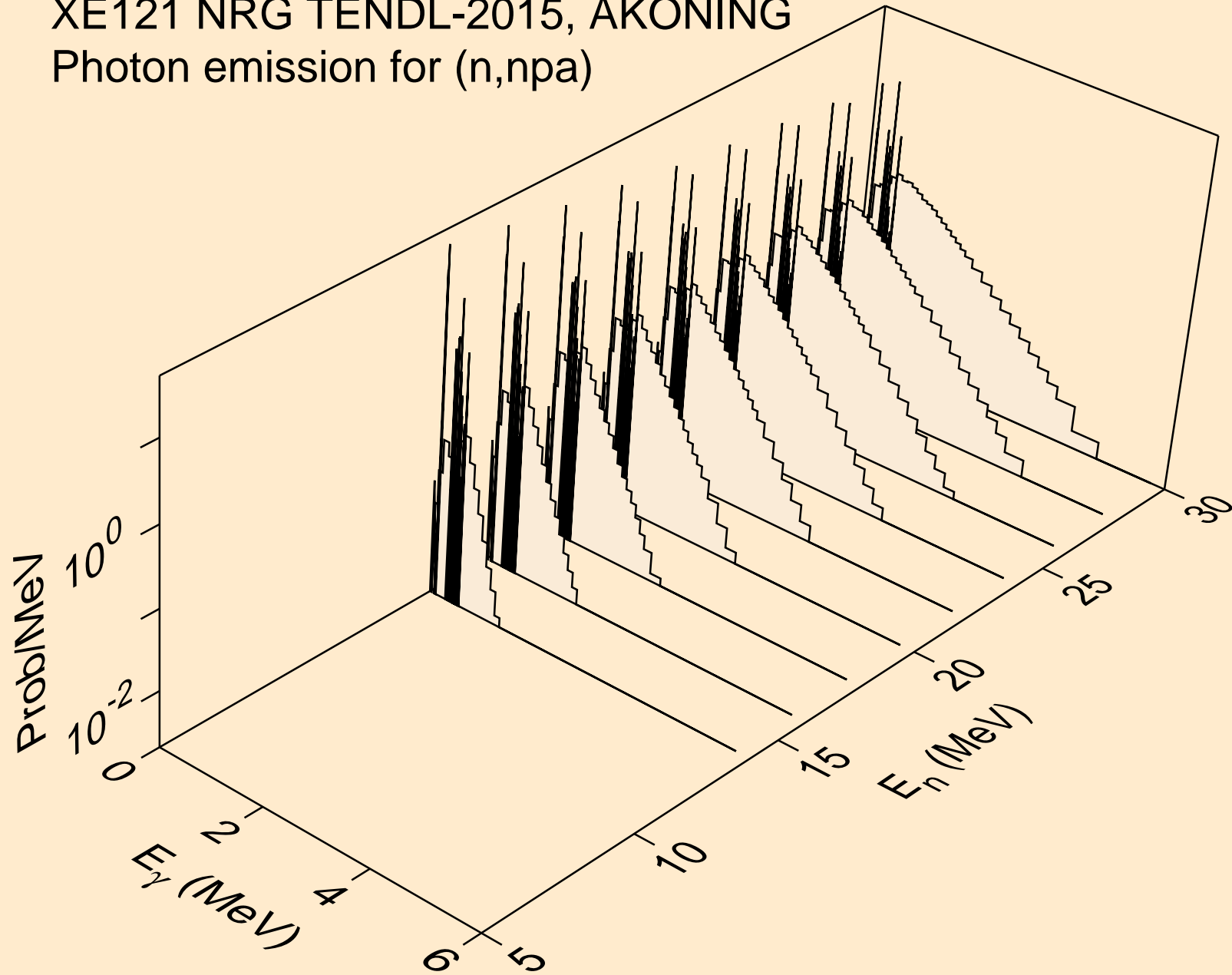
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



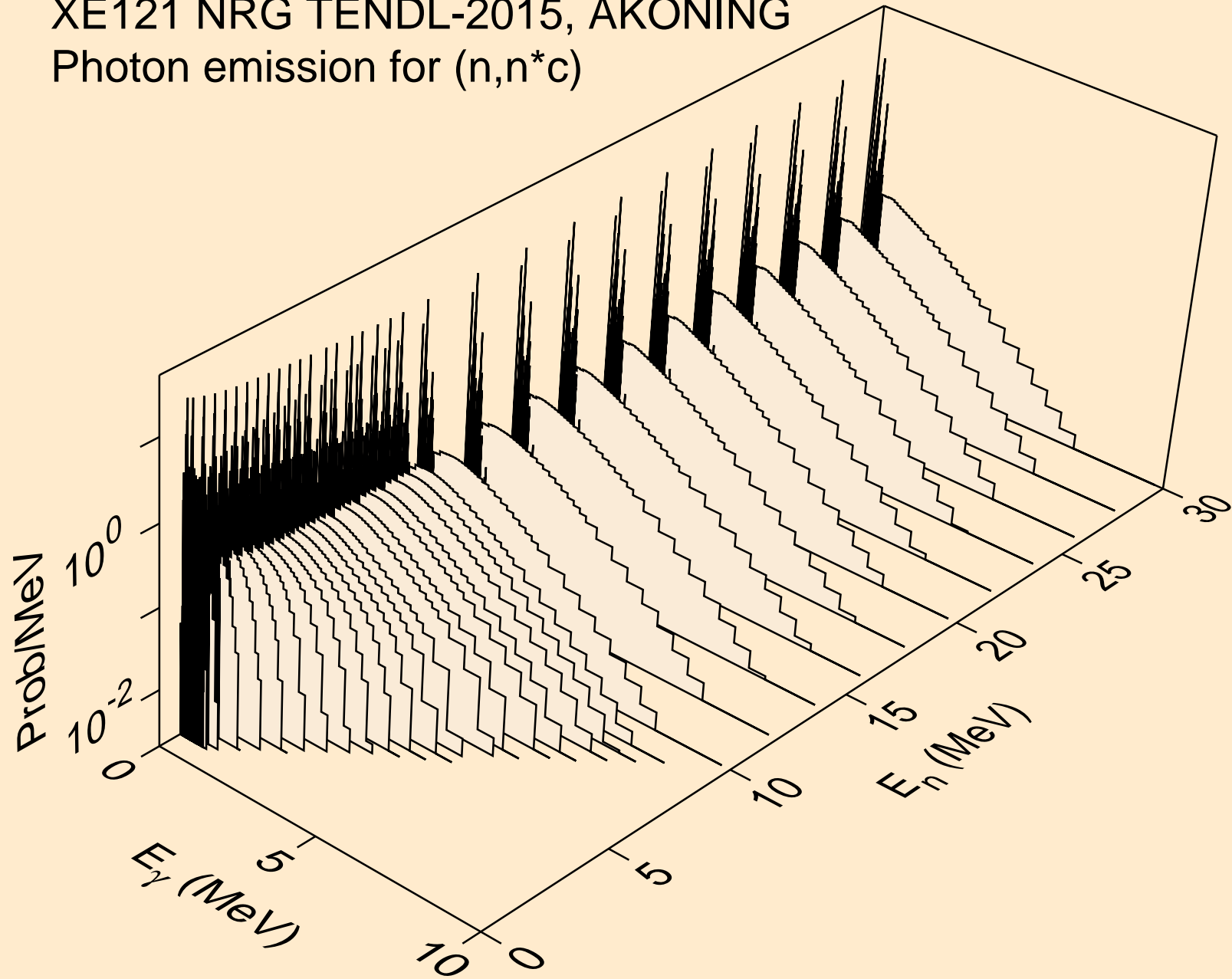
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



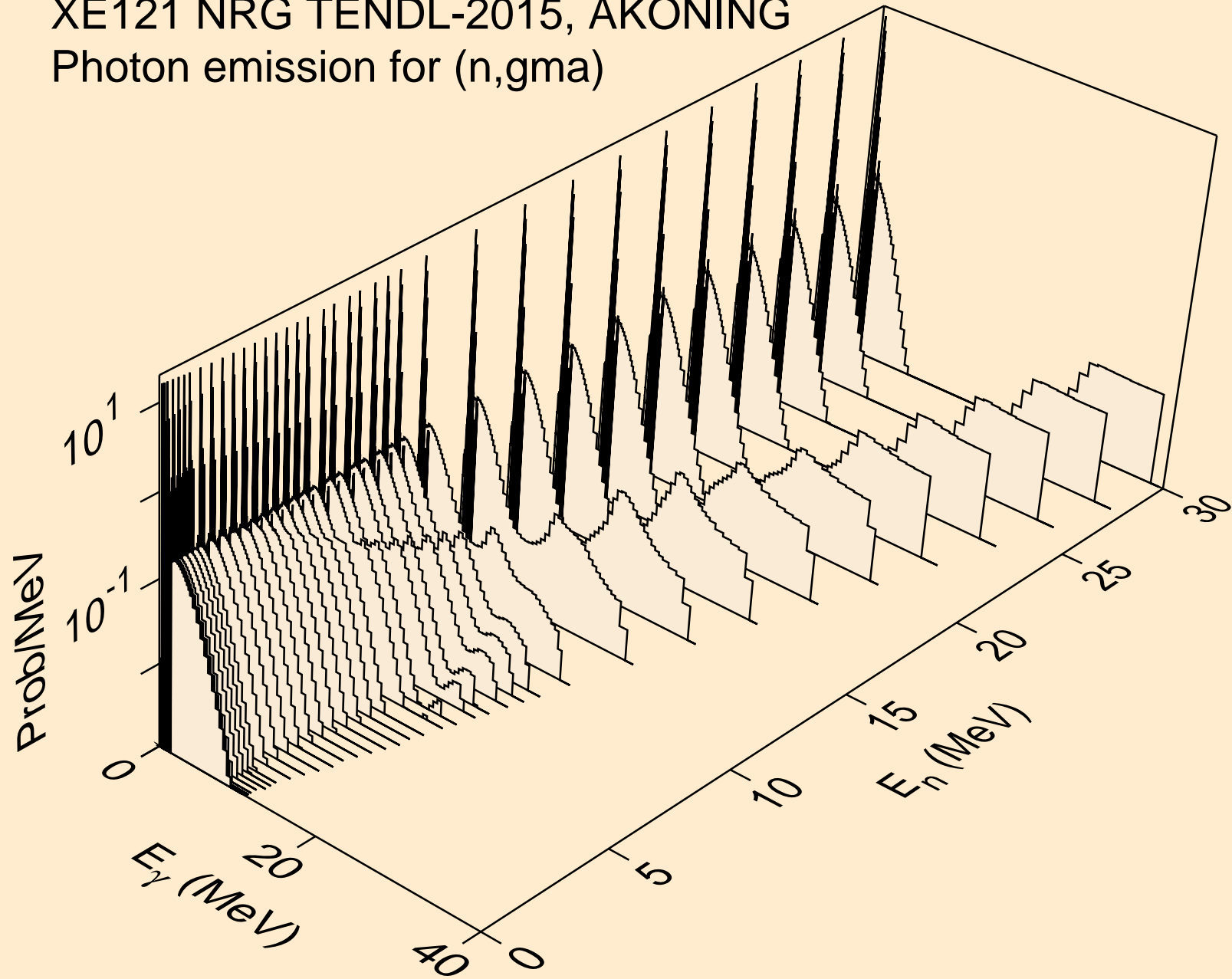
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



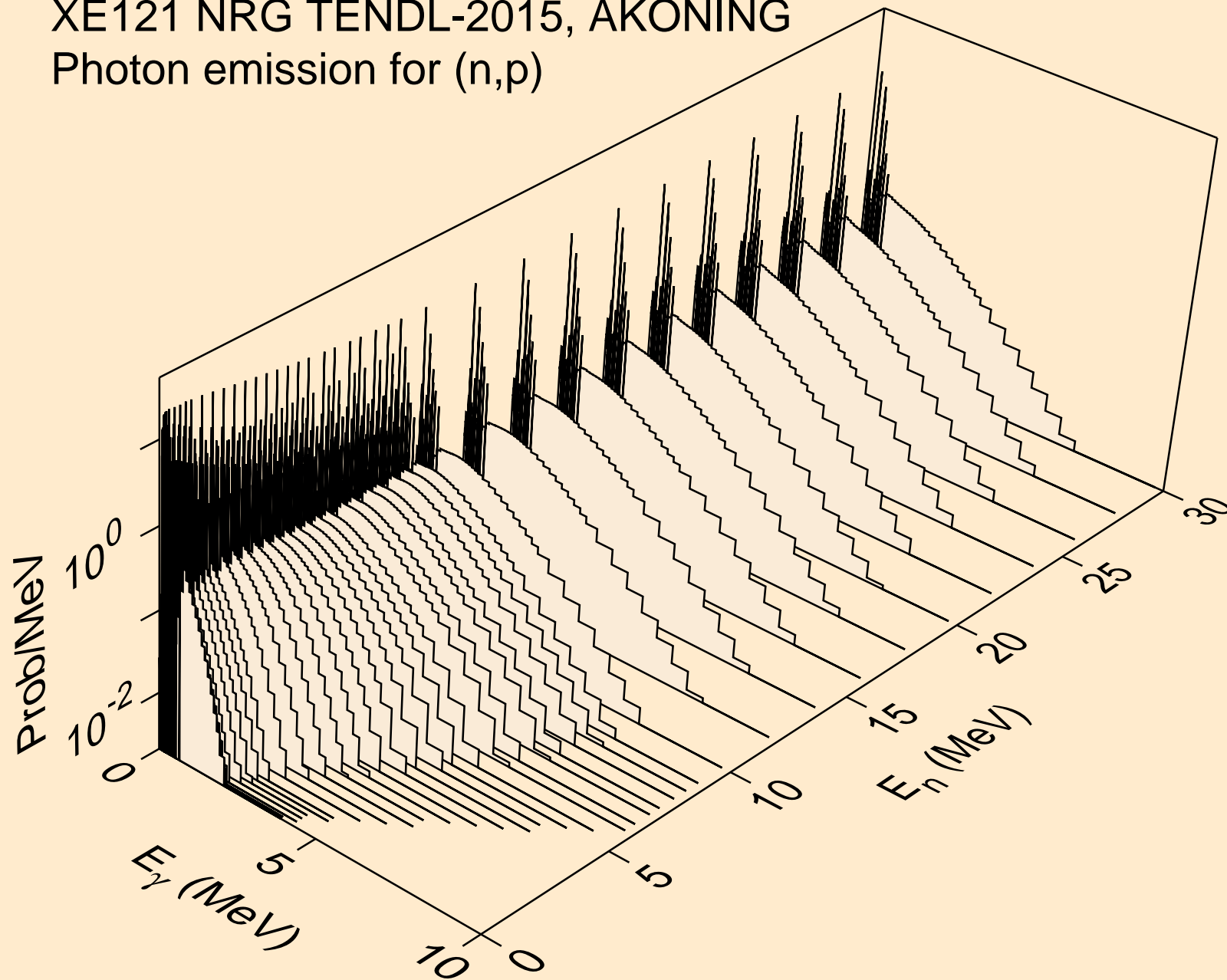
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

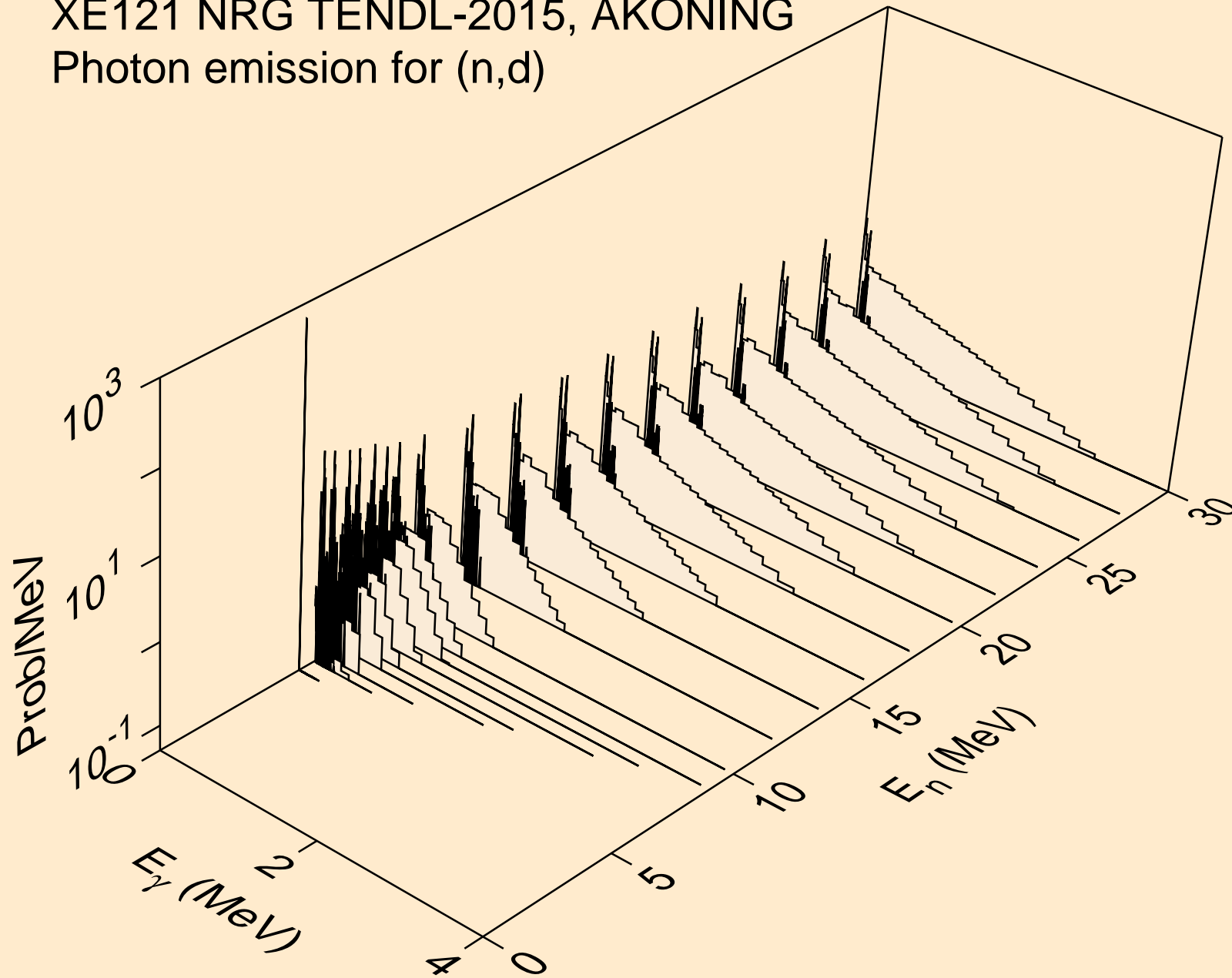


XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

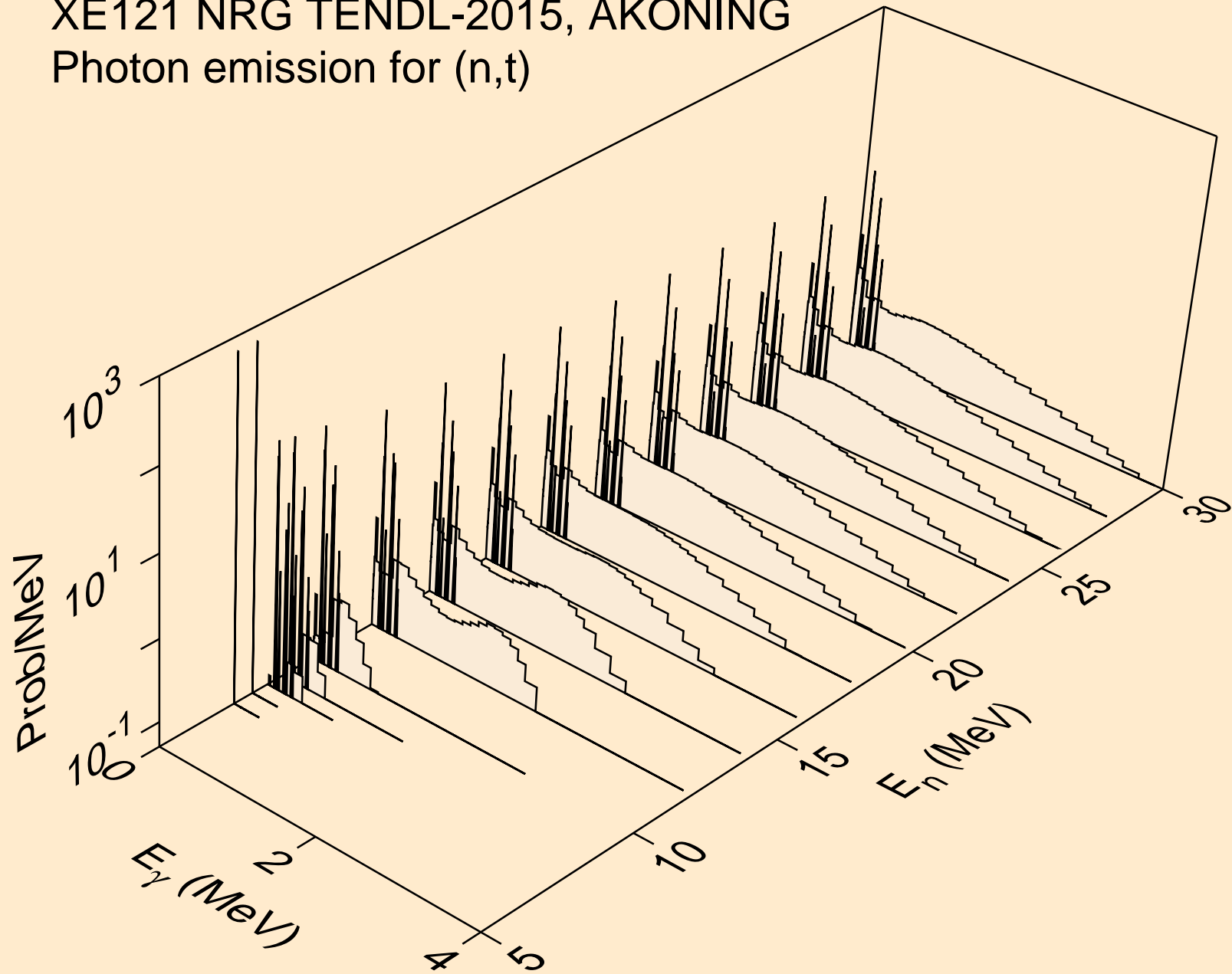




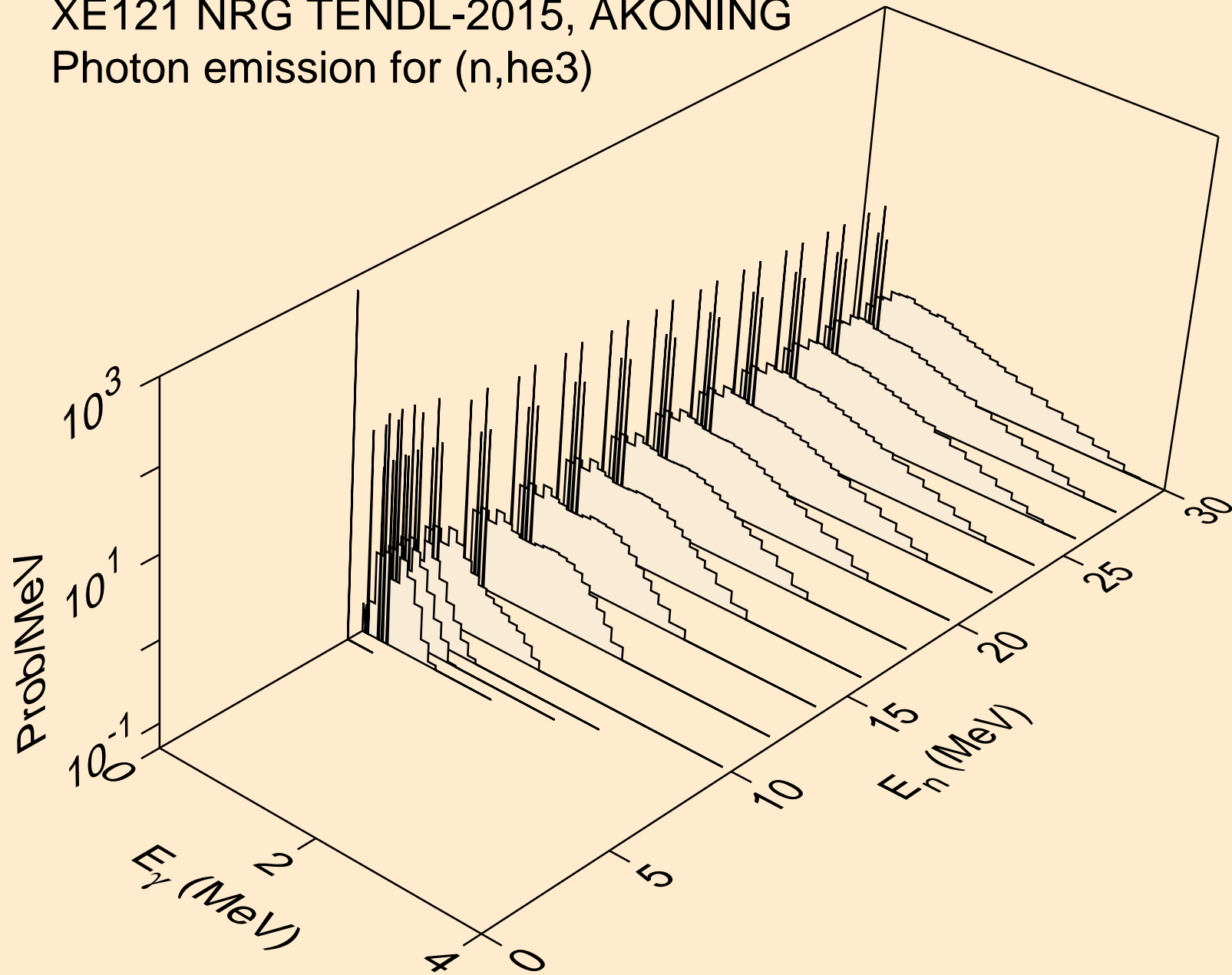
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



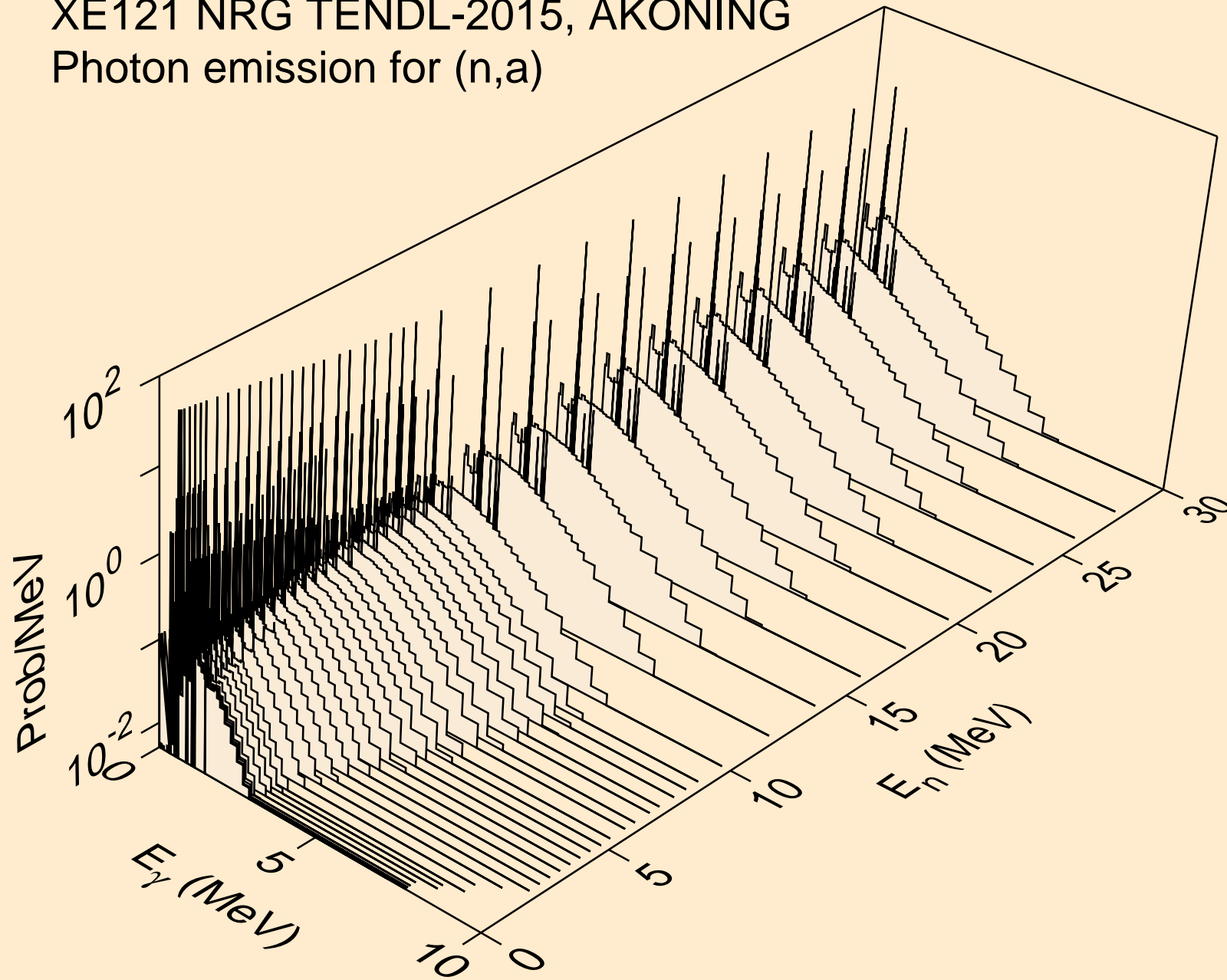
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



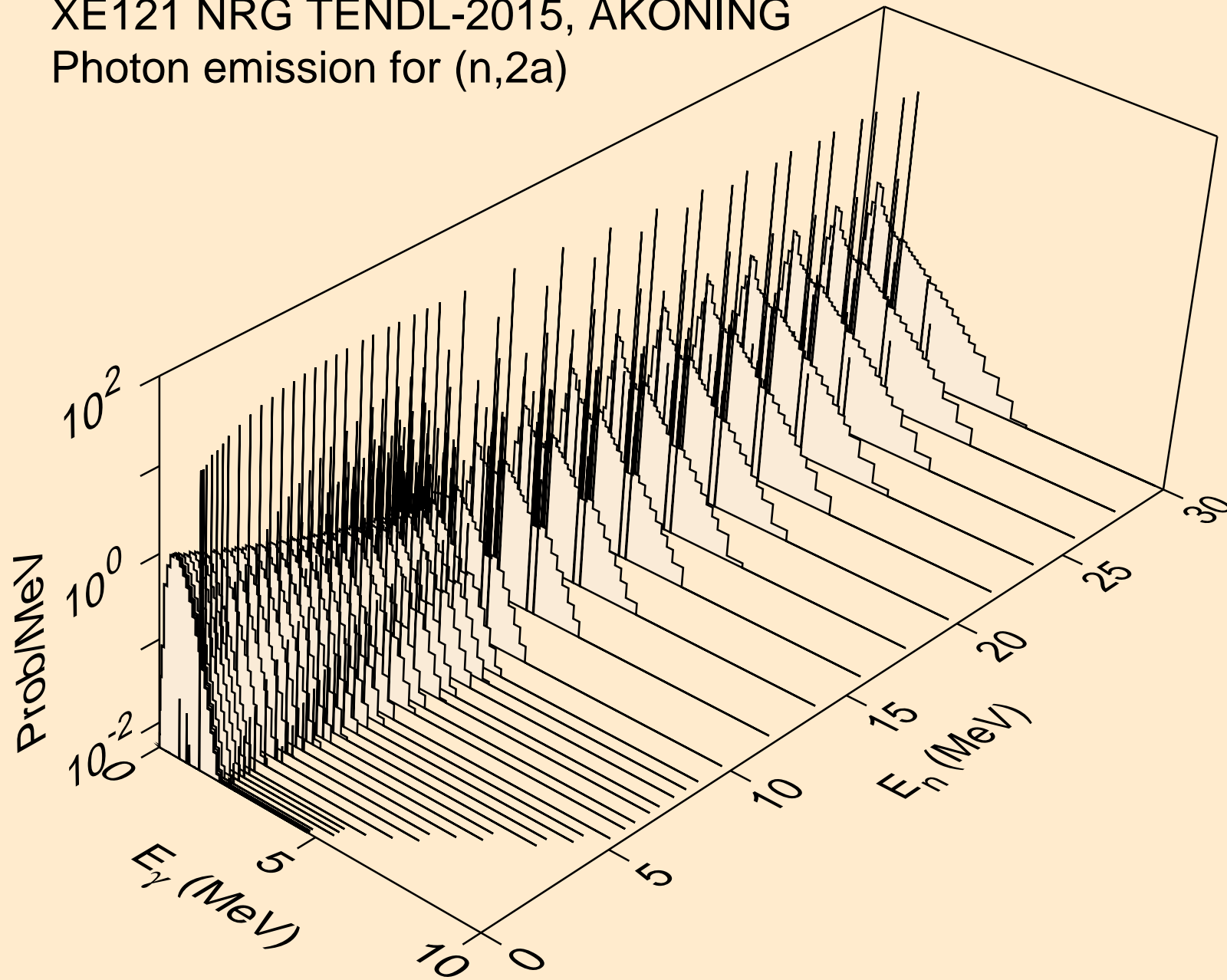
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



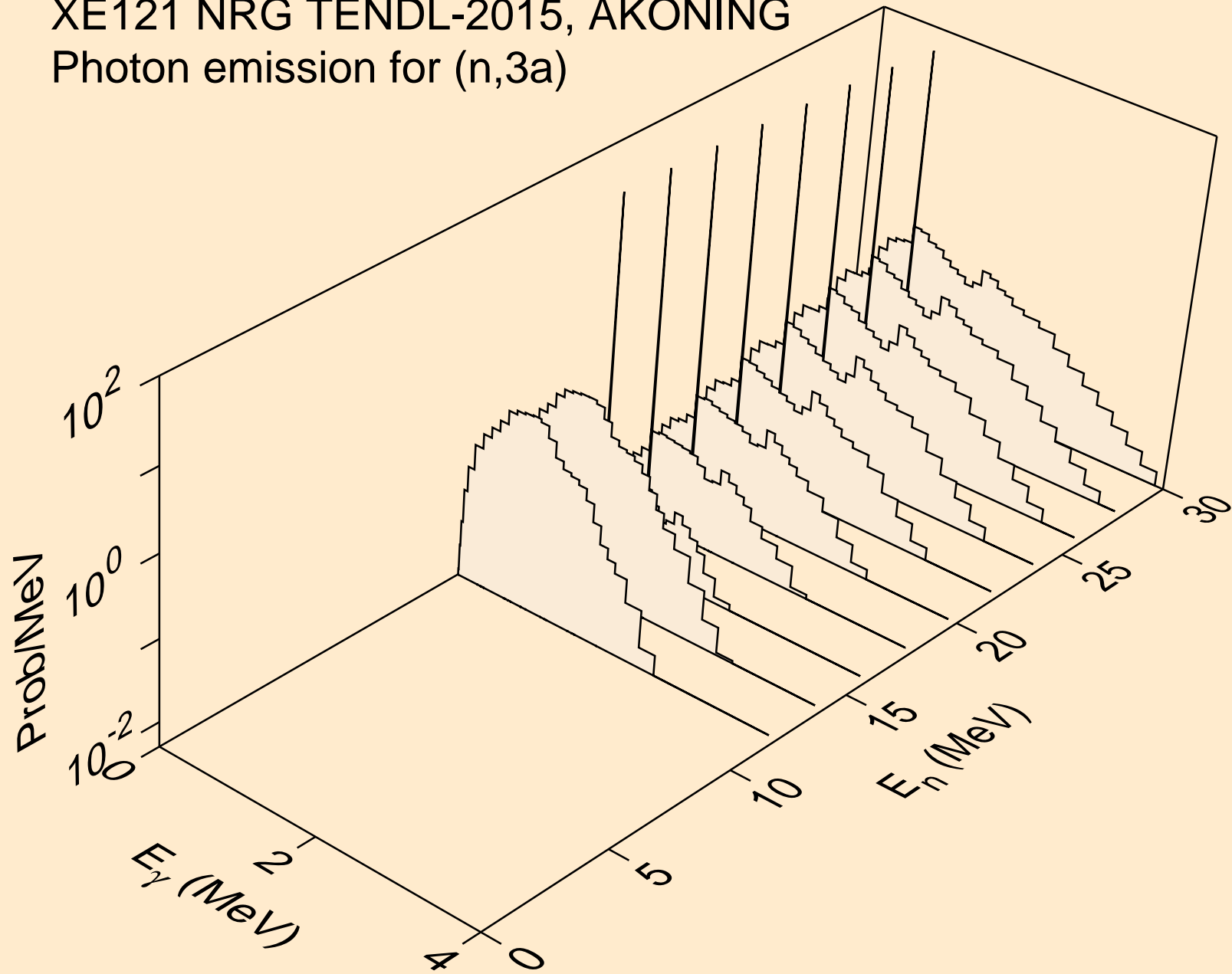
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



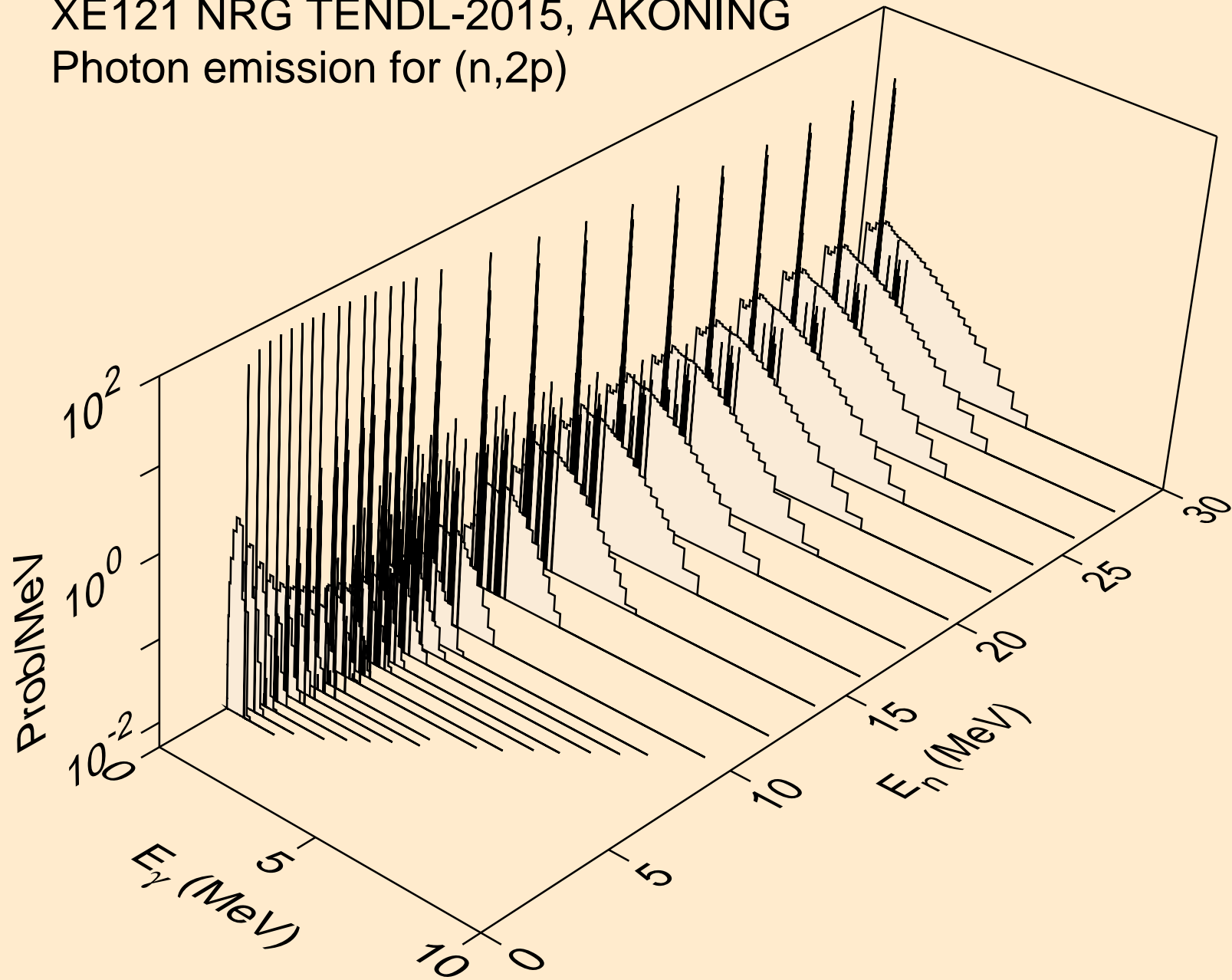
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



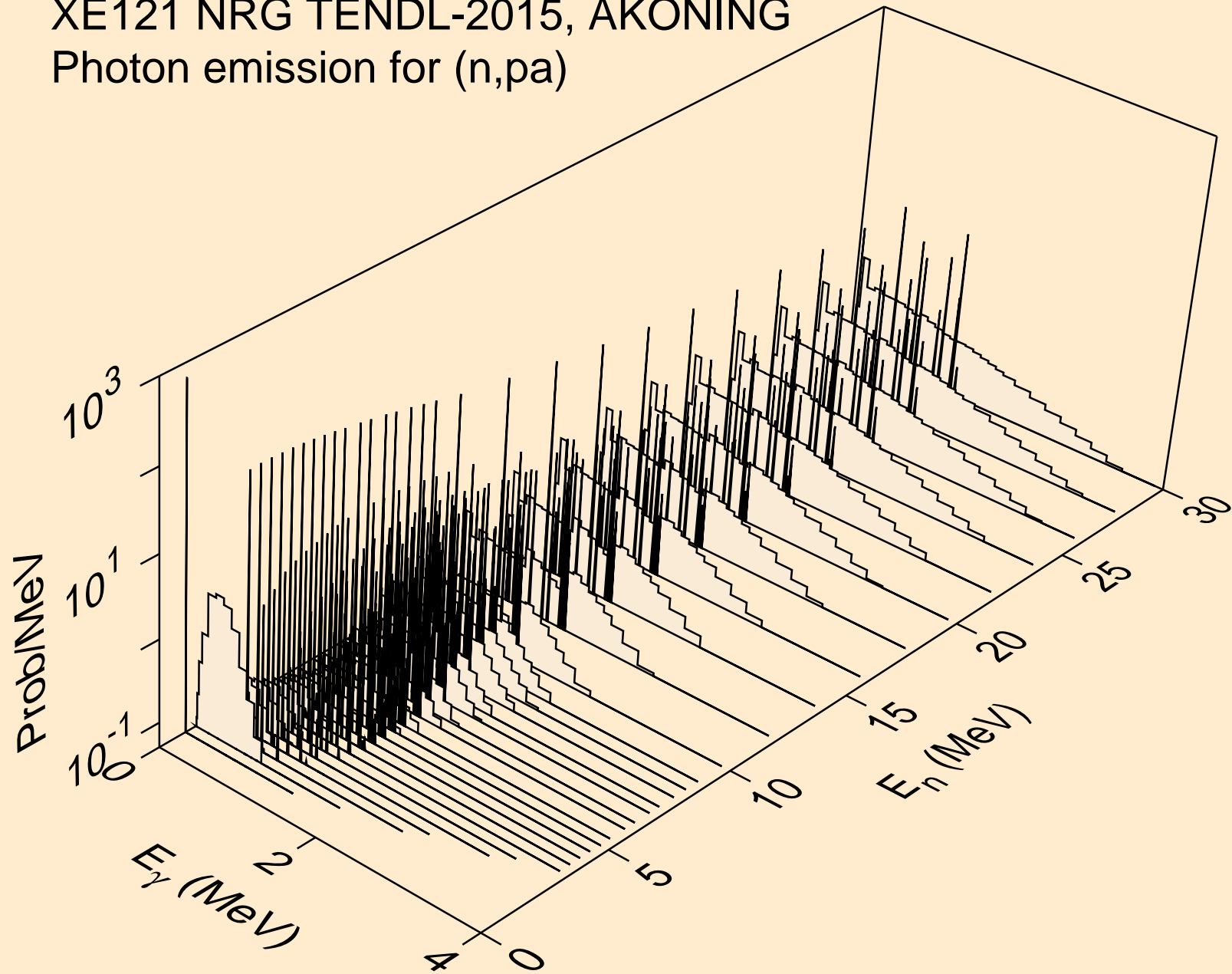
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

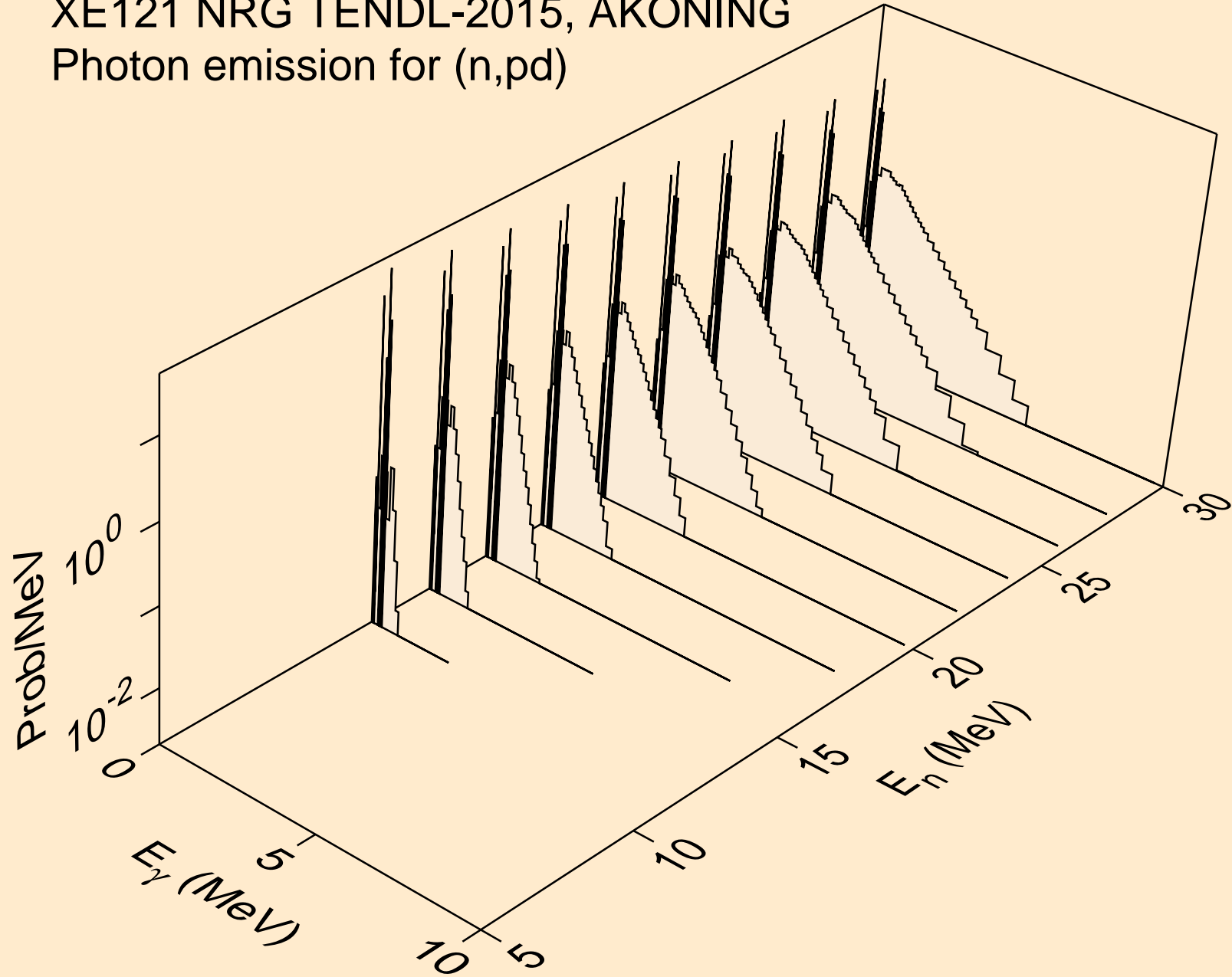


XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

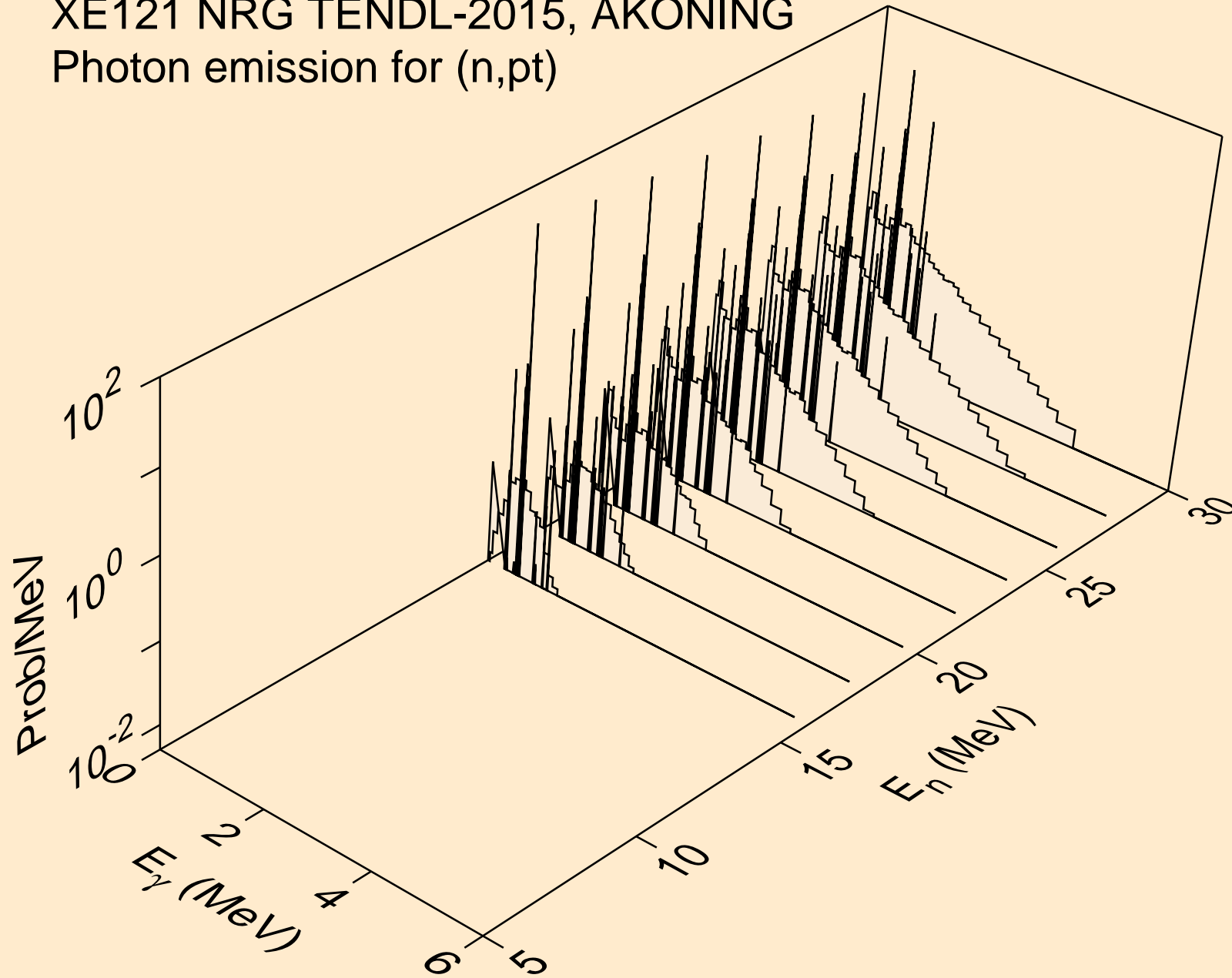




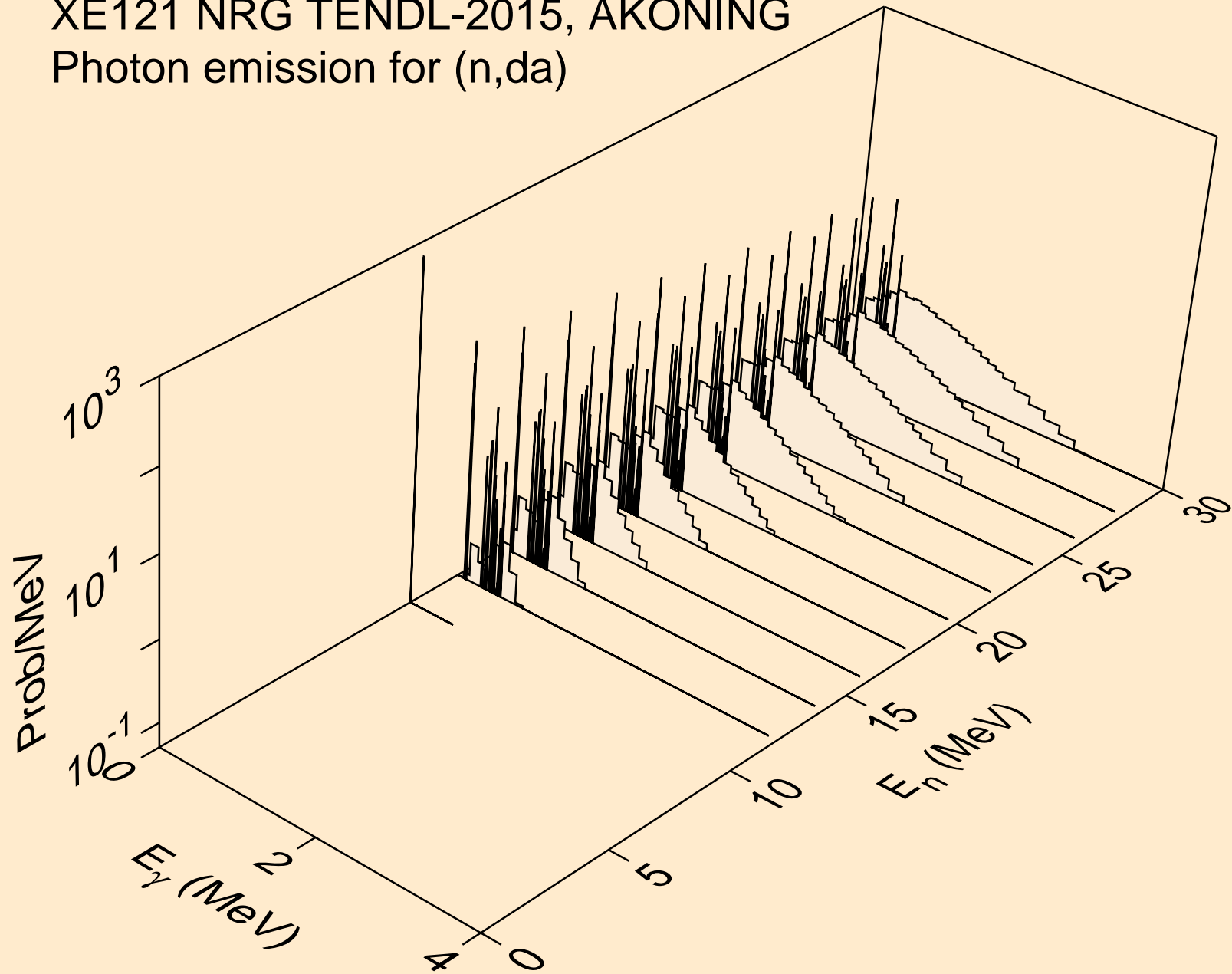
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



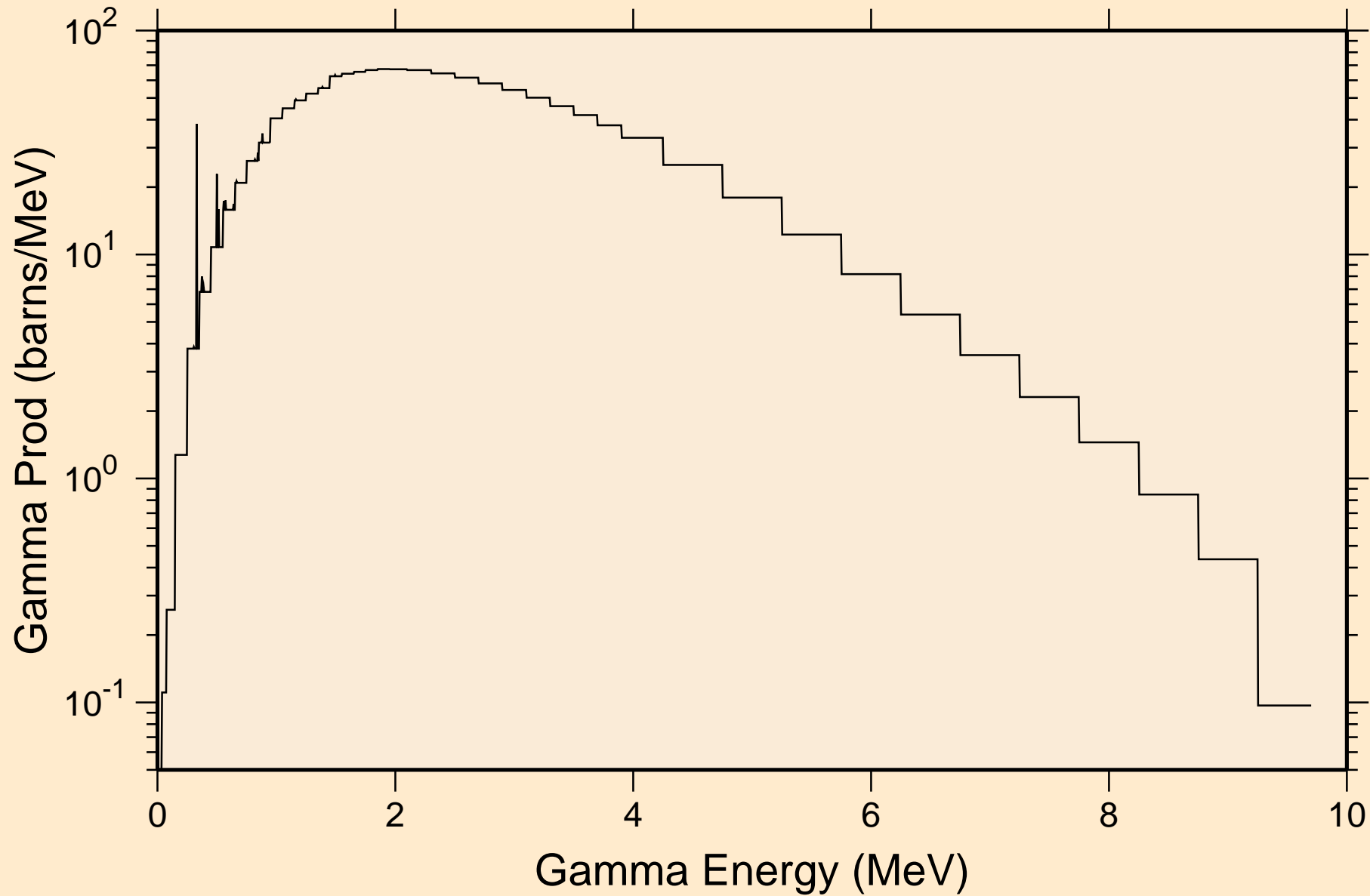
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



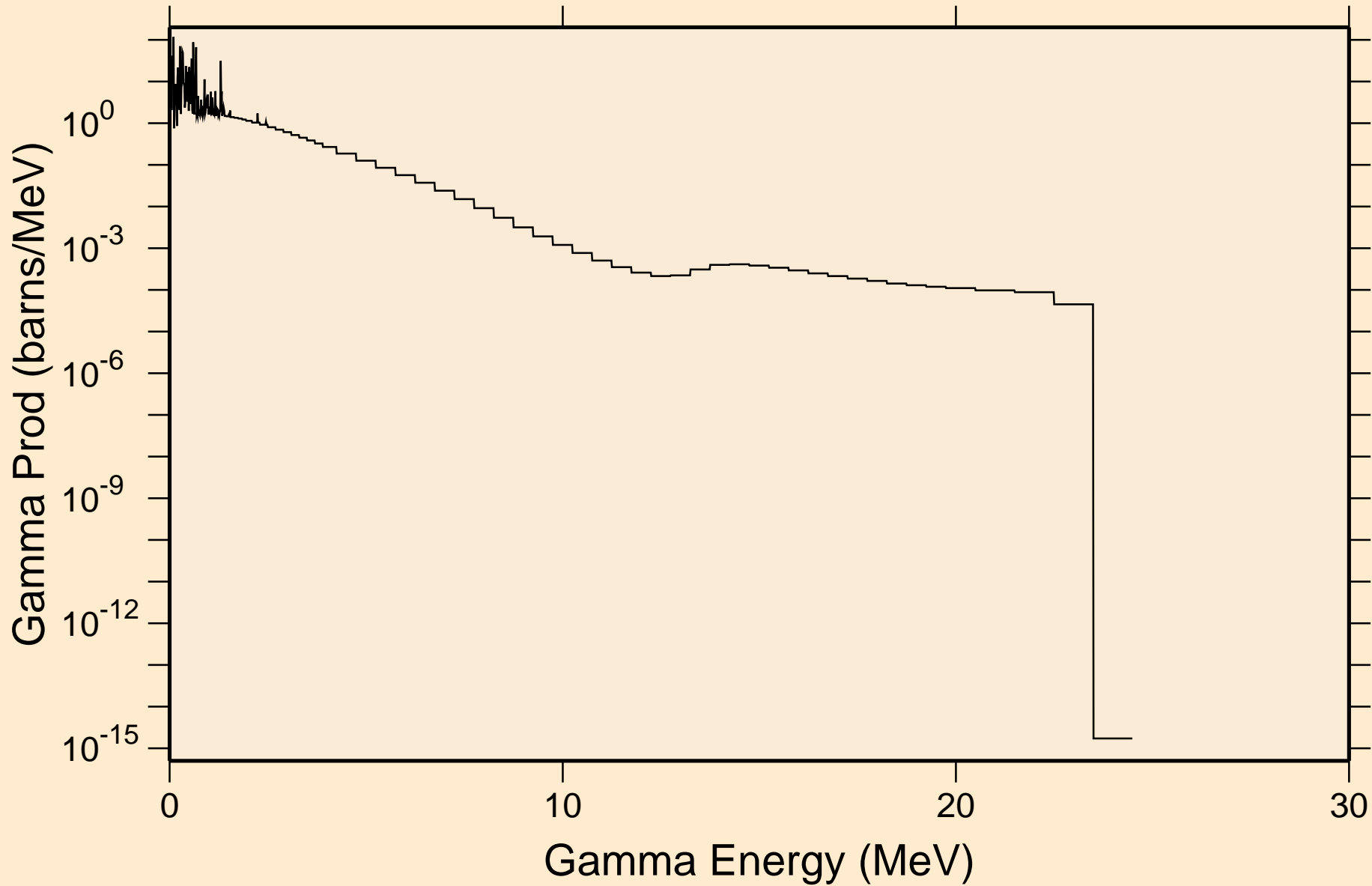
XE121 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



XE121 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

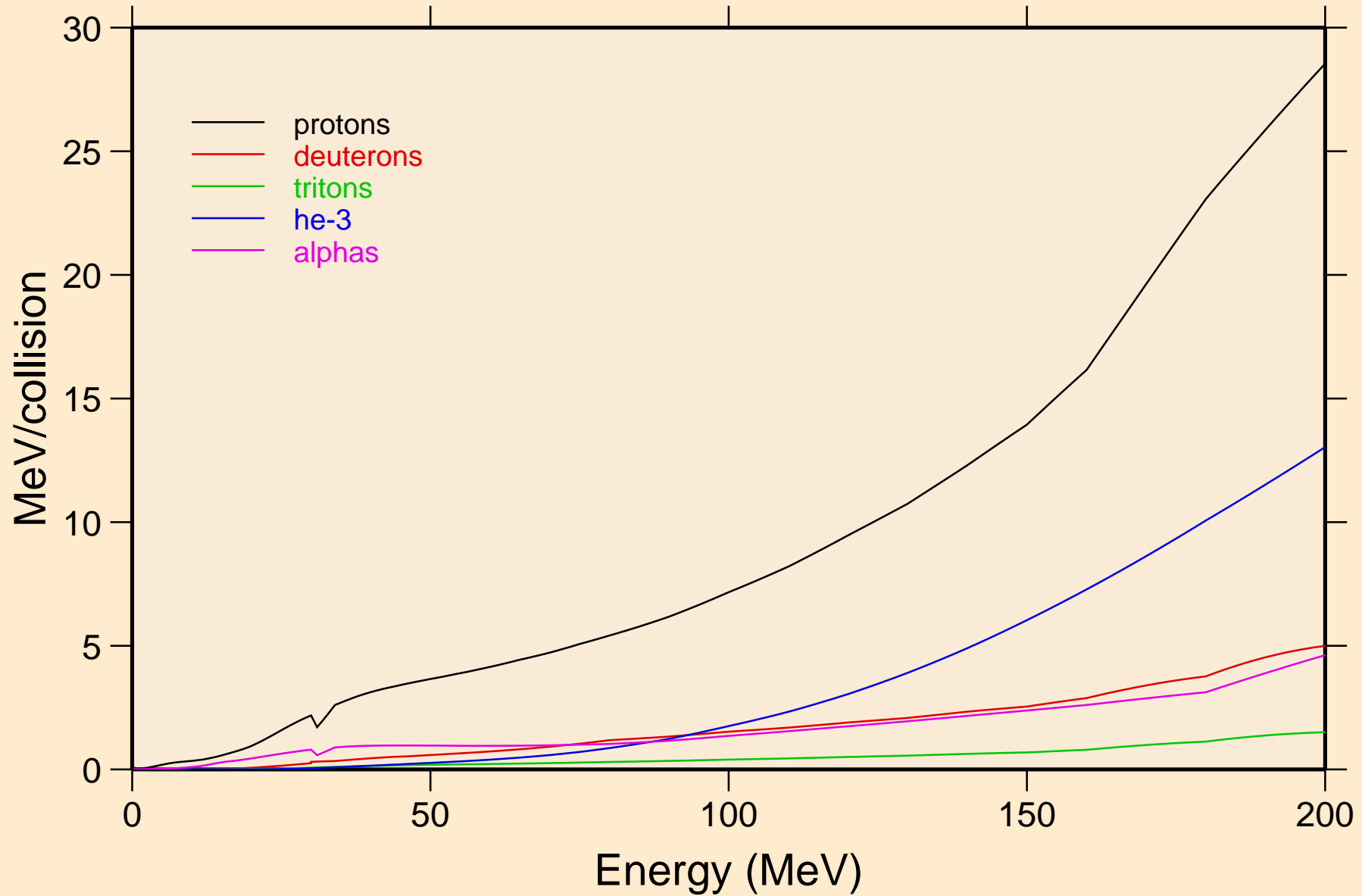


XE121 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



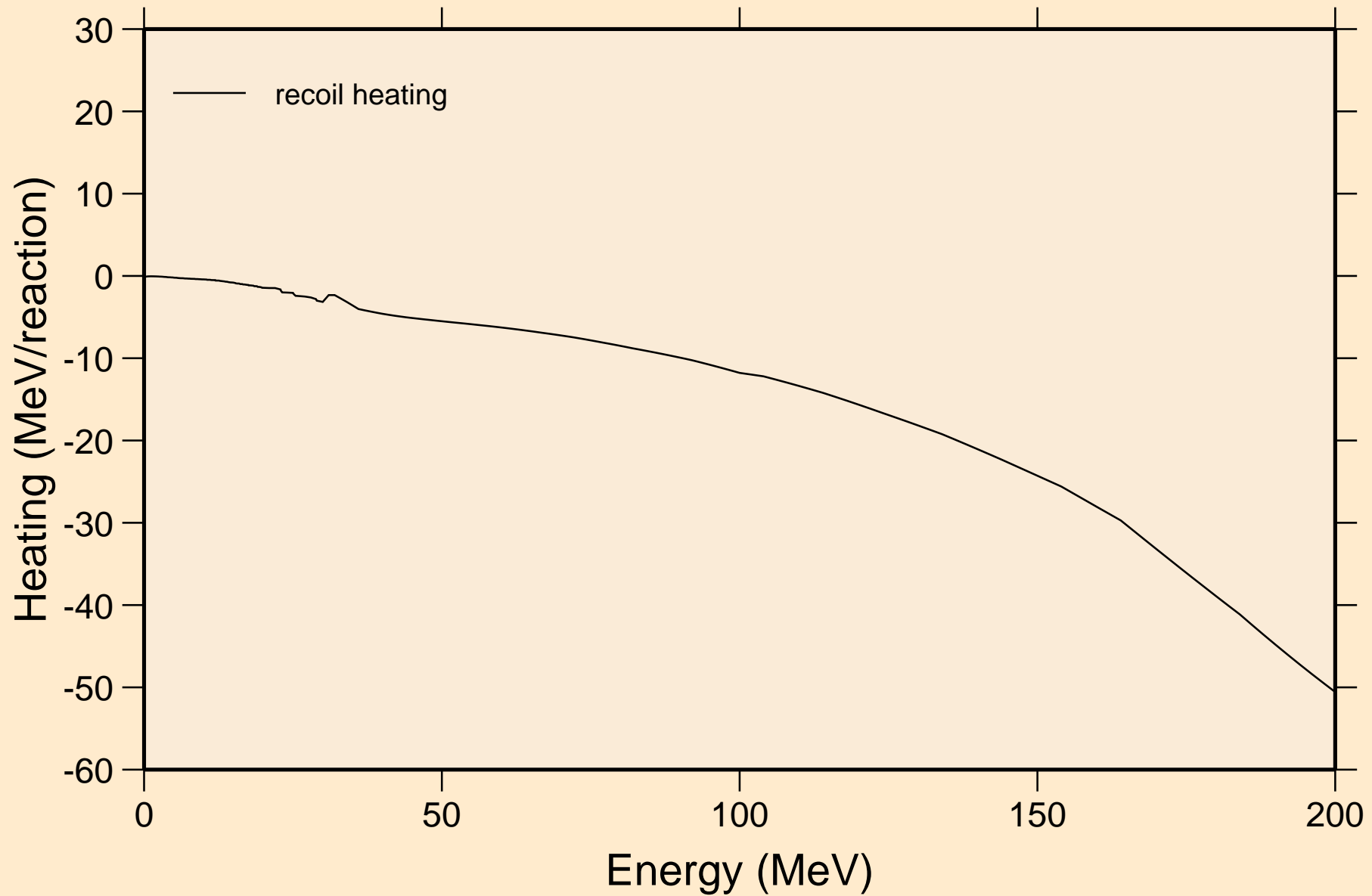
# XE121 NRG TENDL-2015, AKONING

## Particle heating contributions



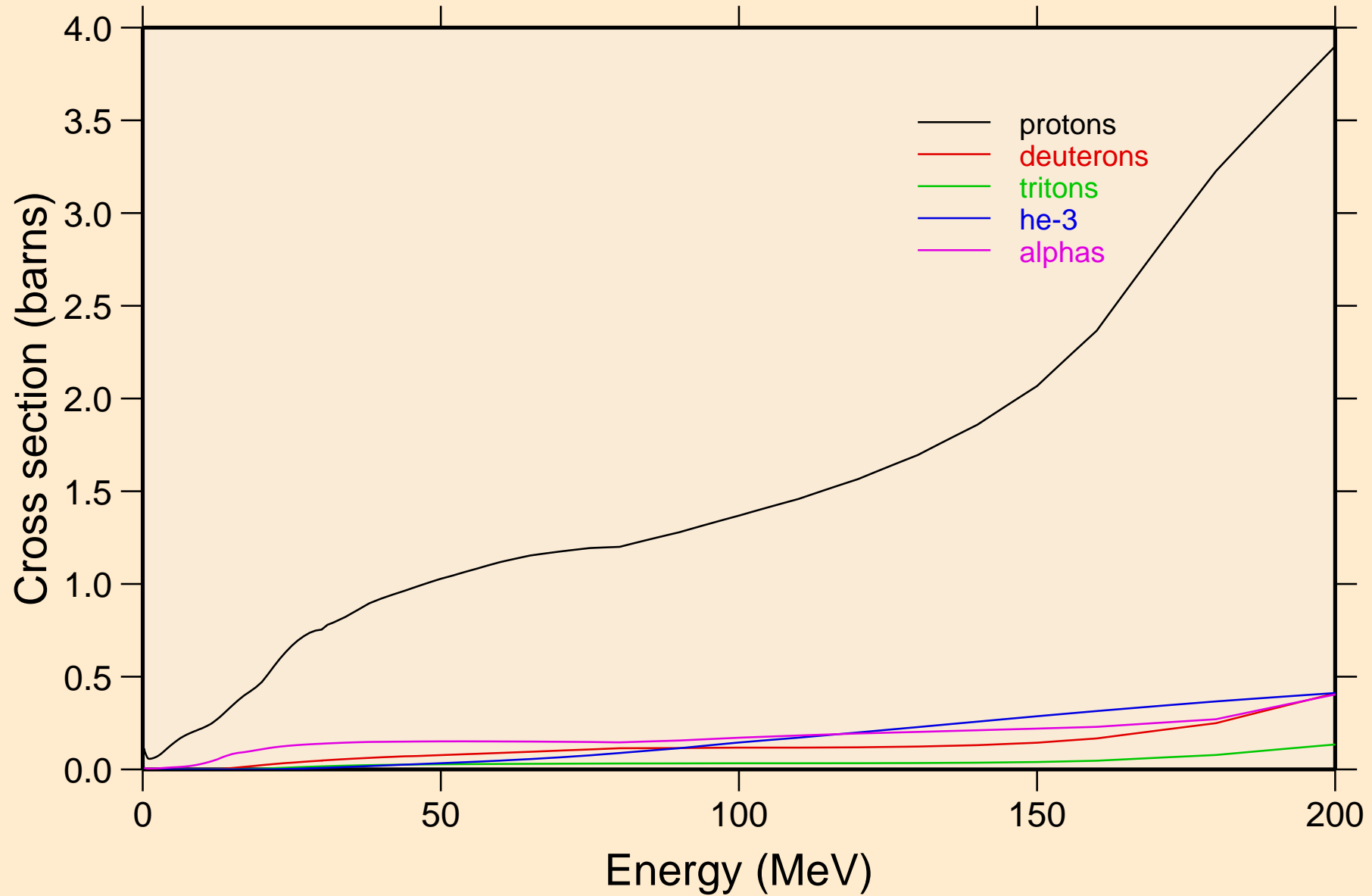
# XE121 NRG TENDL-2015, AKONING

## Recoil Heating



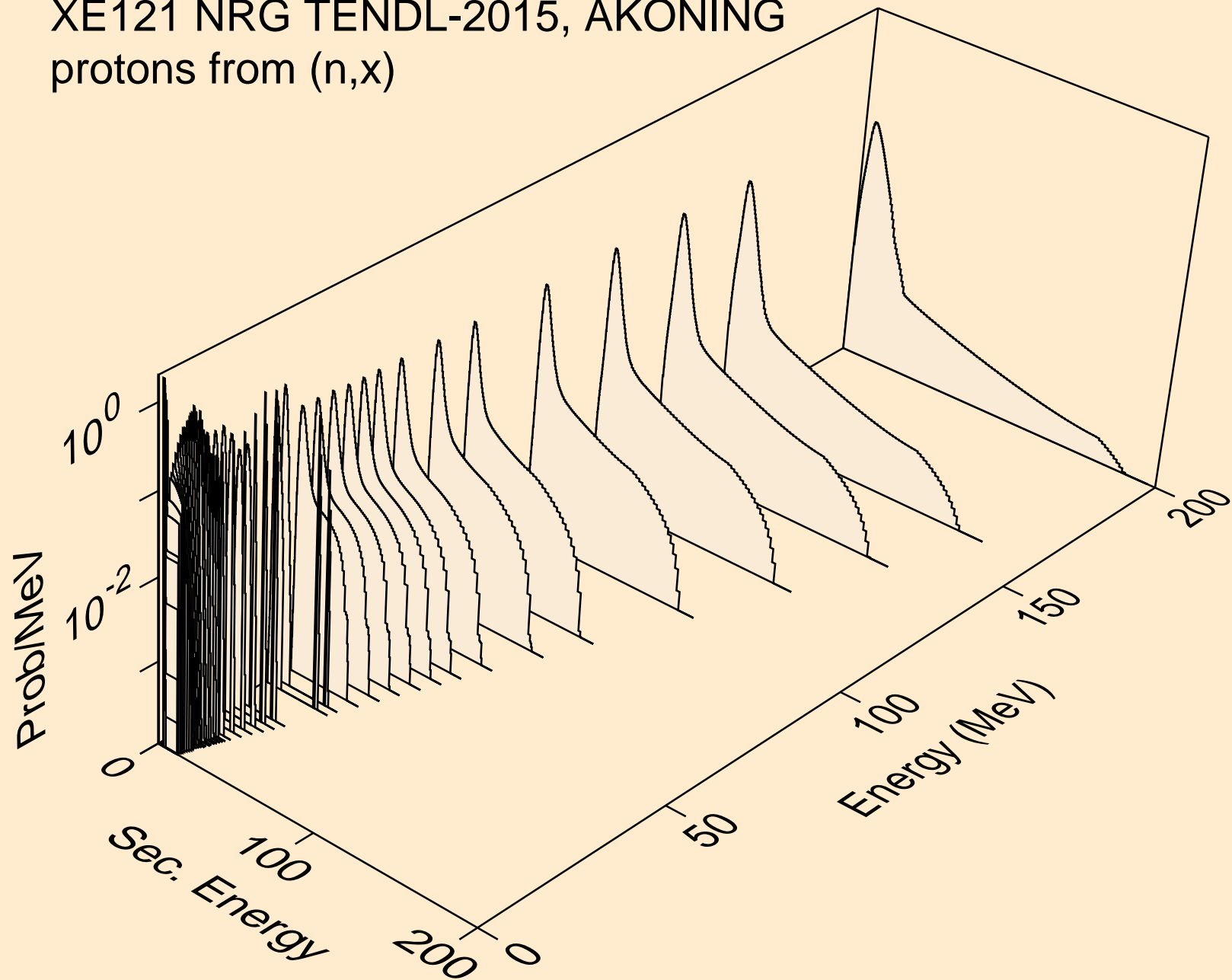
# XE121 NRG TENDL-2015, AKONING

## Particle production cross sections

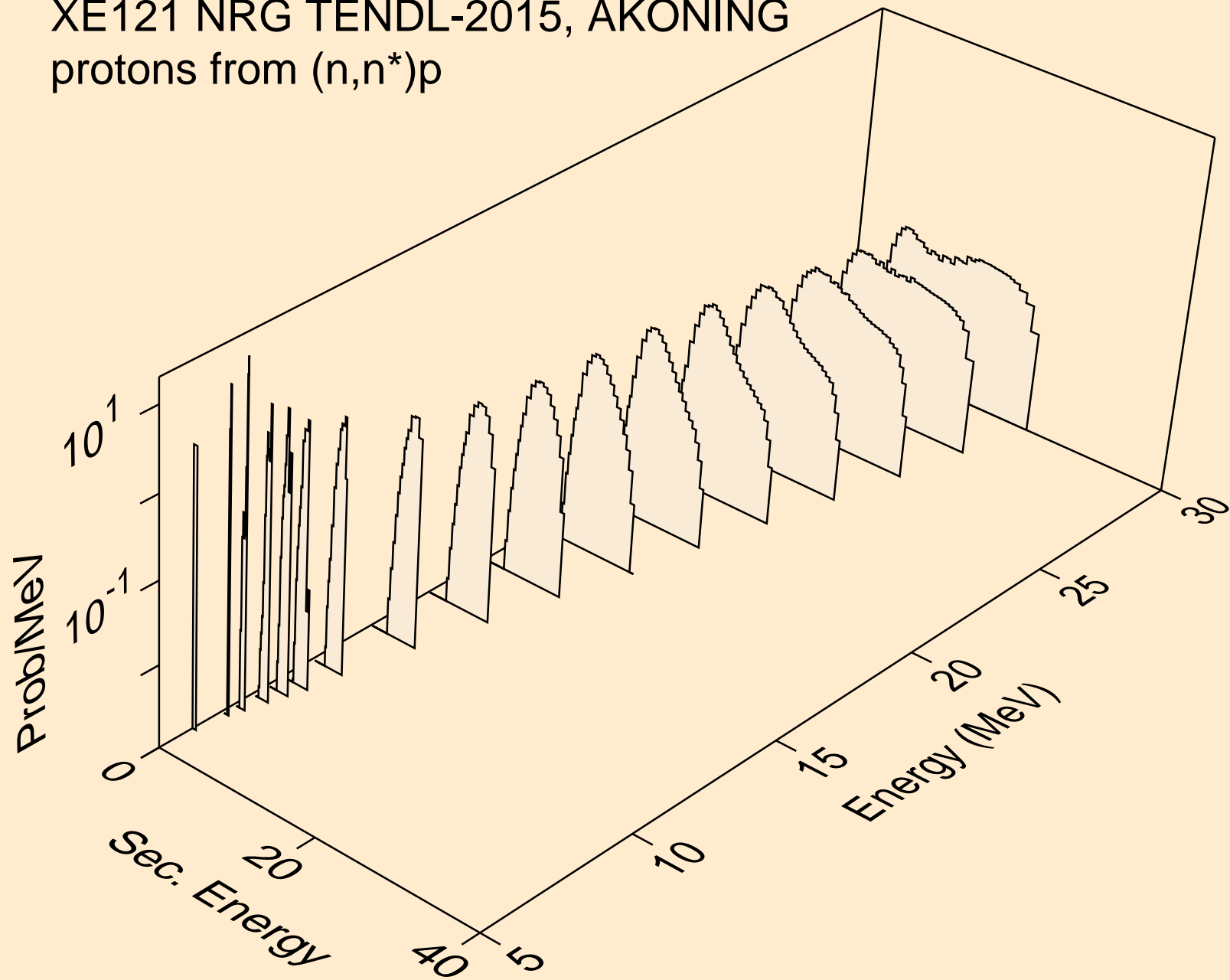




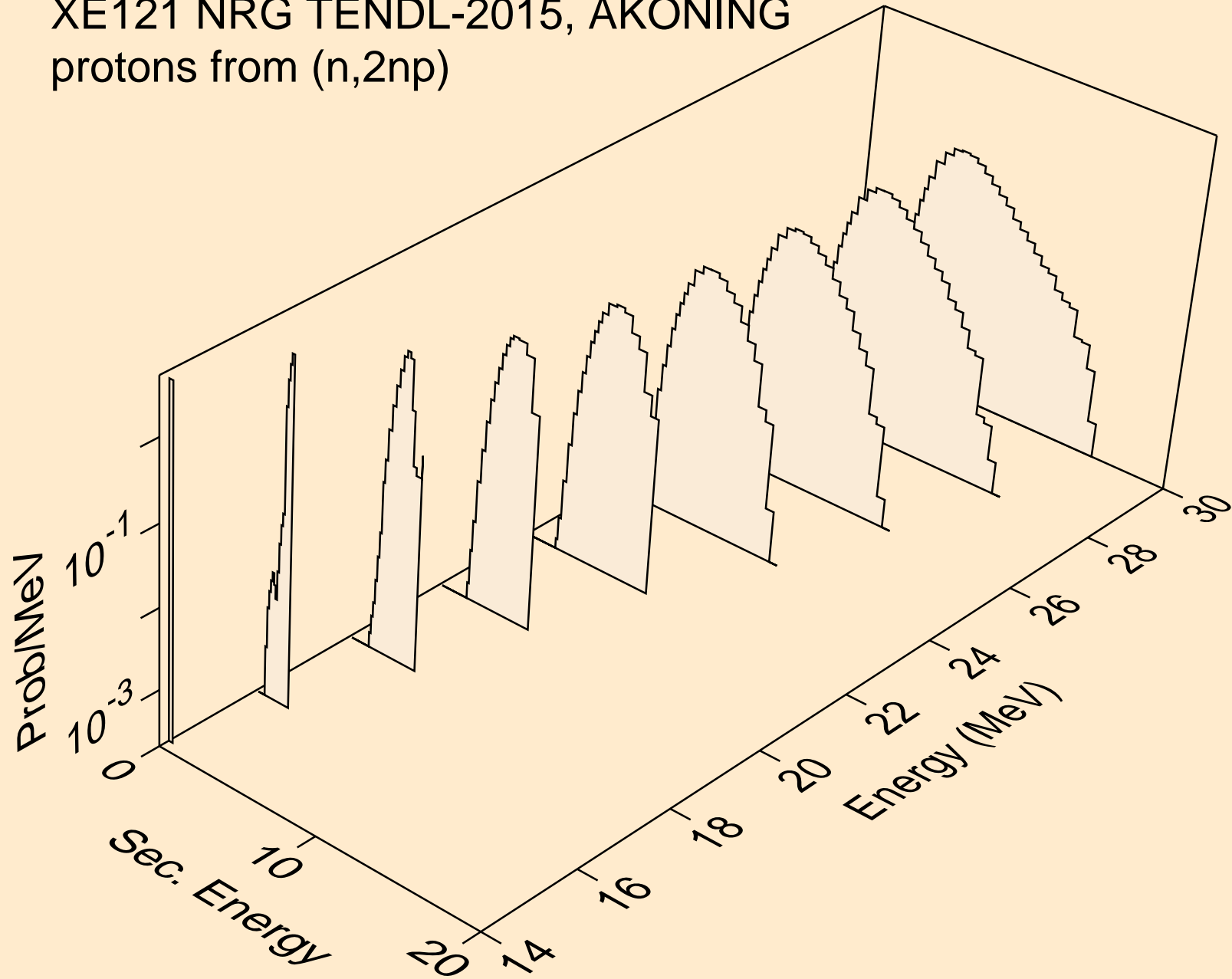
XE121 NRG TENDL-2015, AKONING  
protons from (n,x)



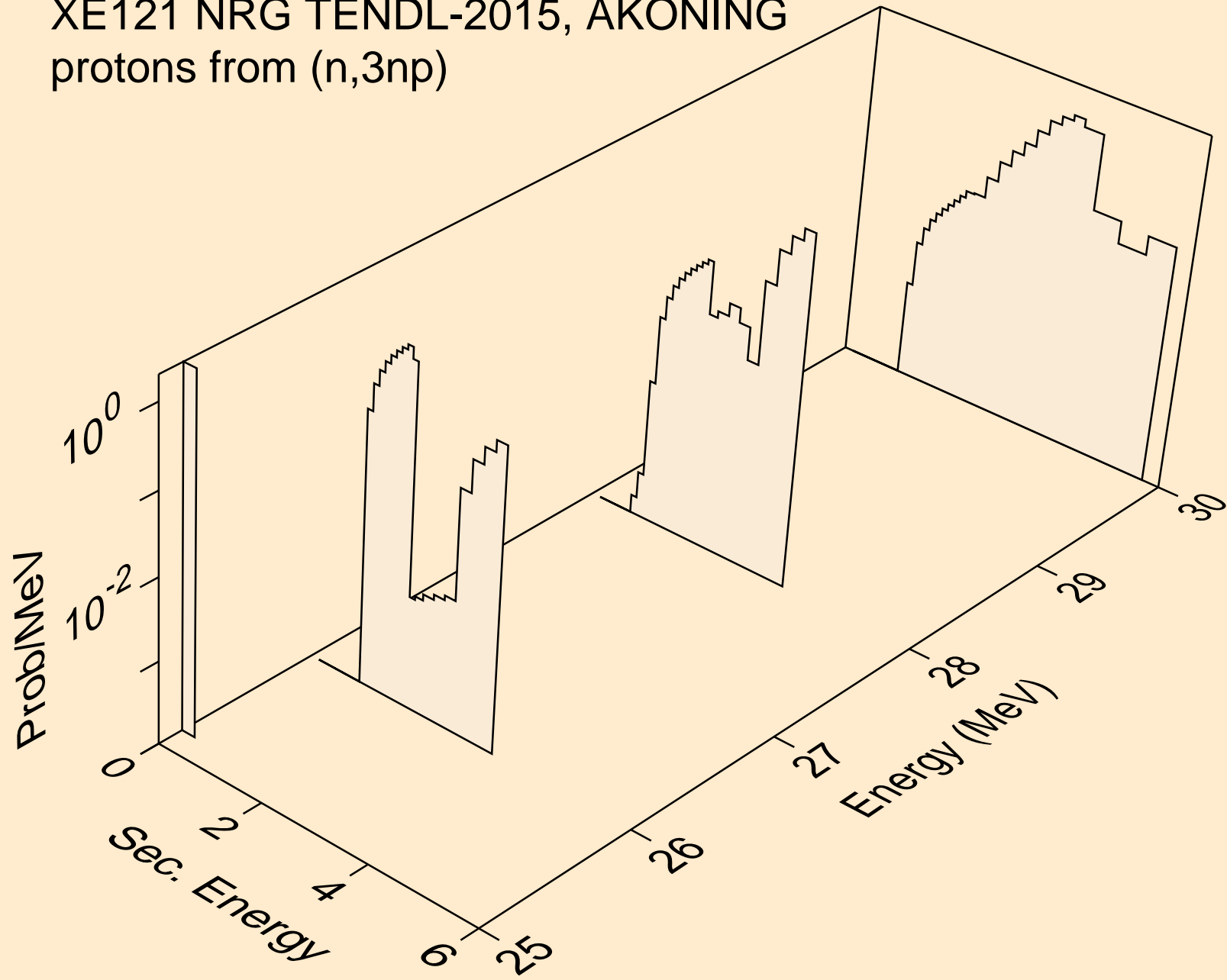
XE121 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



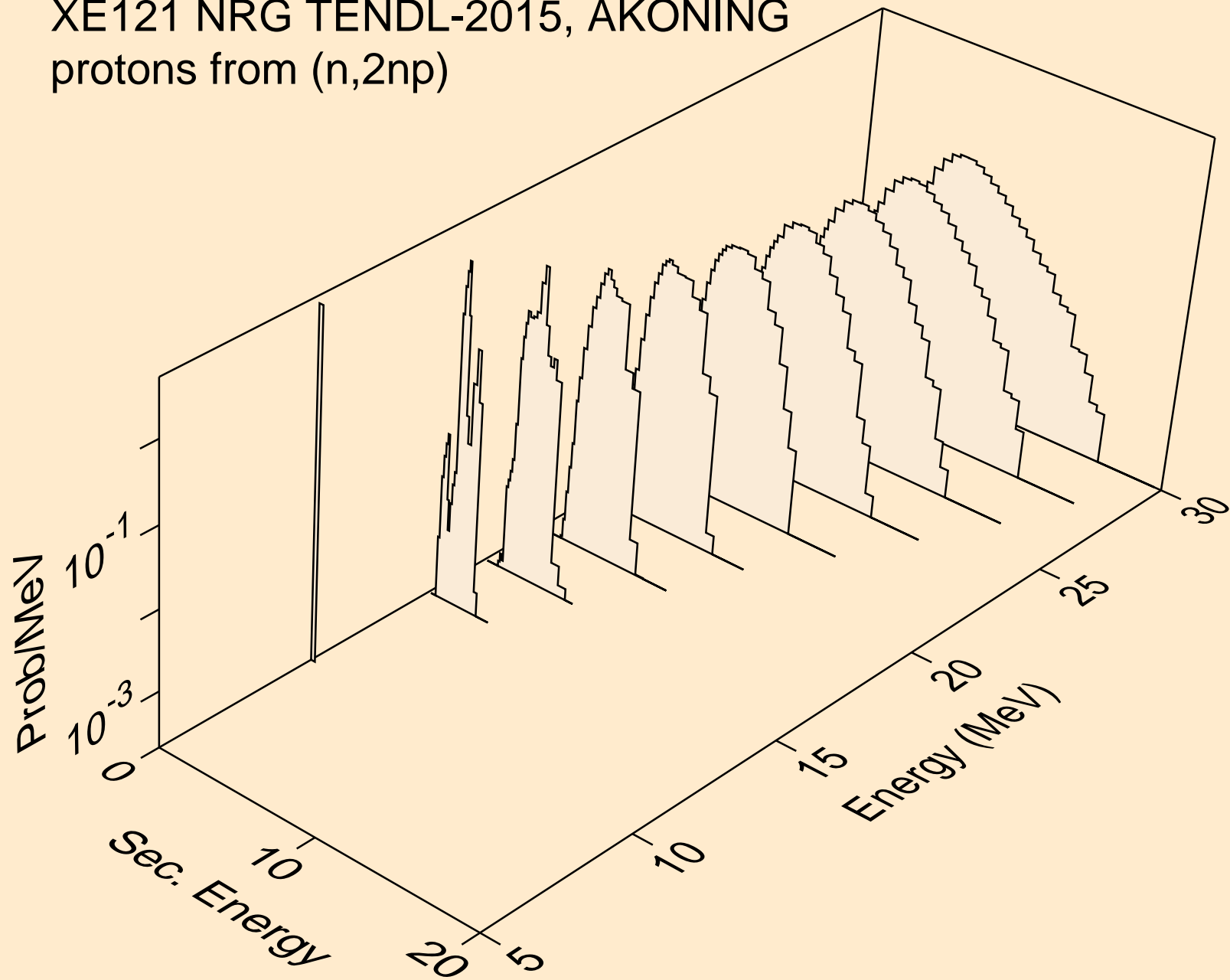
XE121 NRG TENDL-2015, AKONING  
protons from (n,2np)



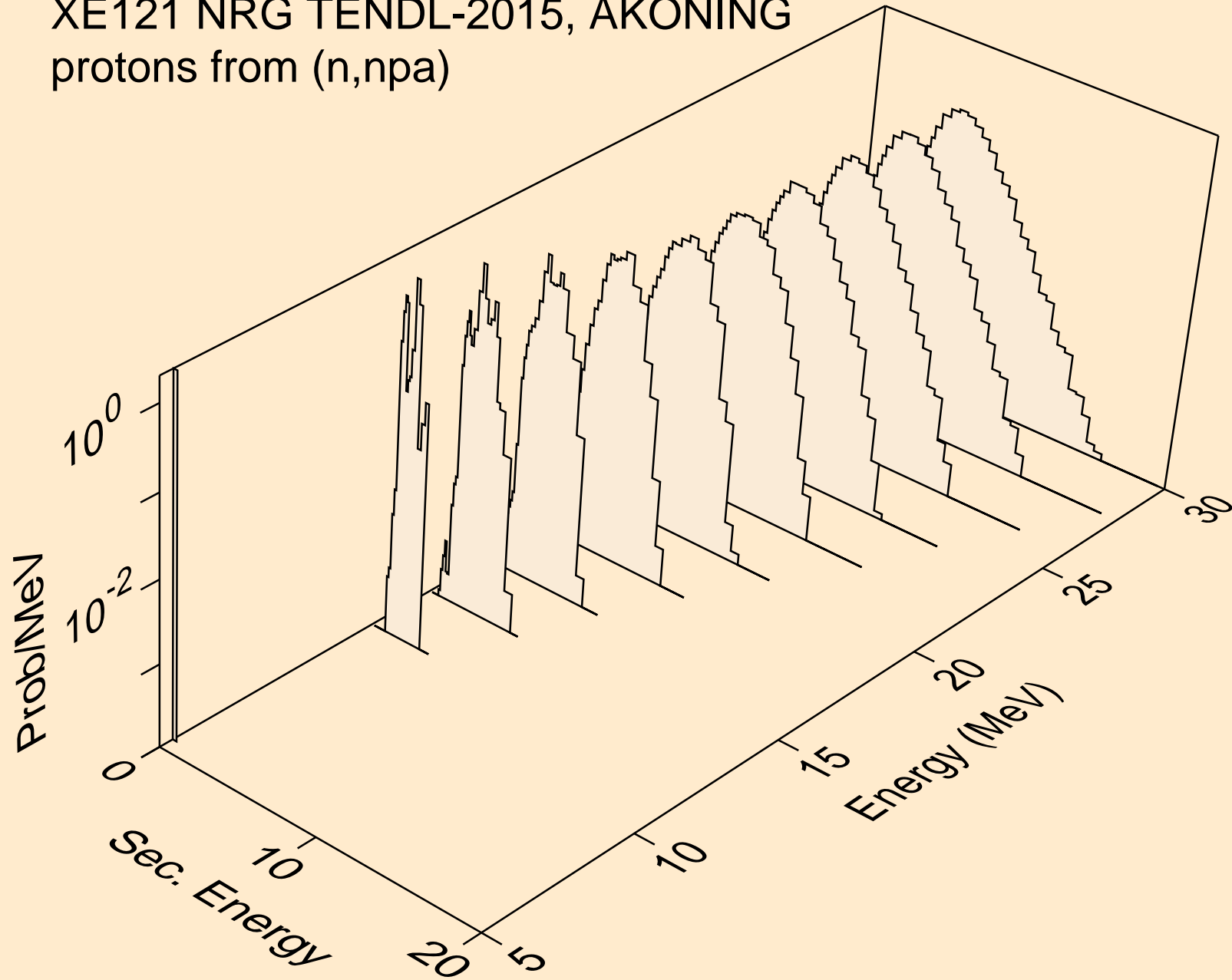
XE121 NRG TENDL-2015, AKONING  
protons from (n,3np)



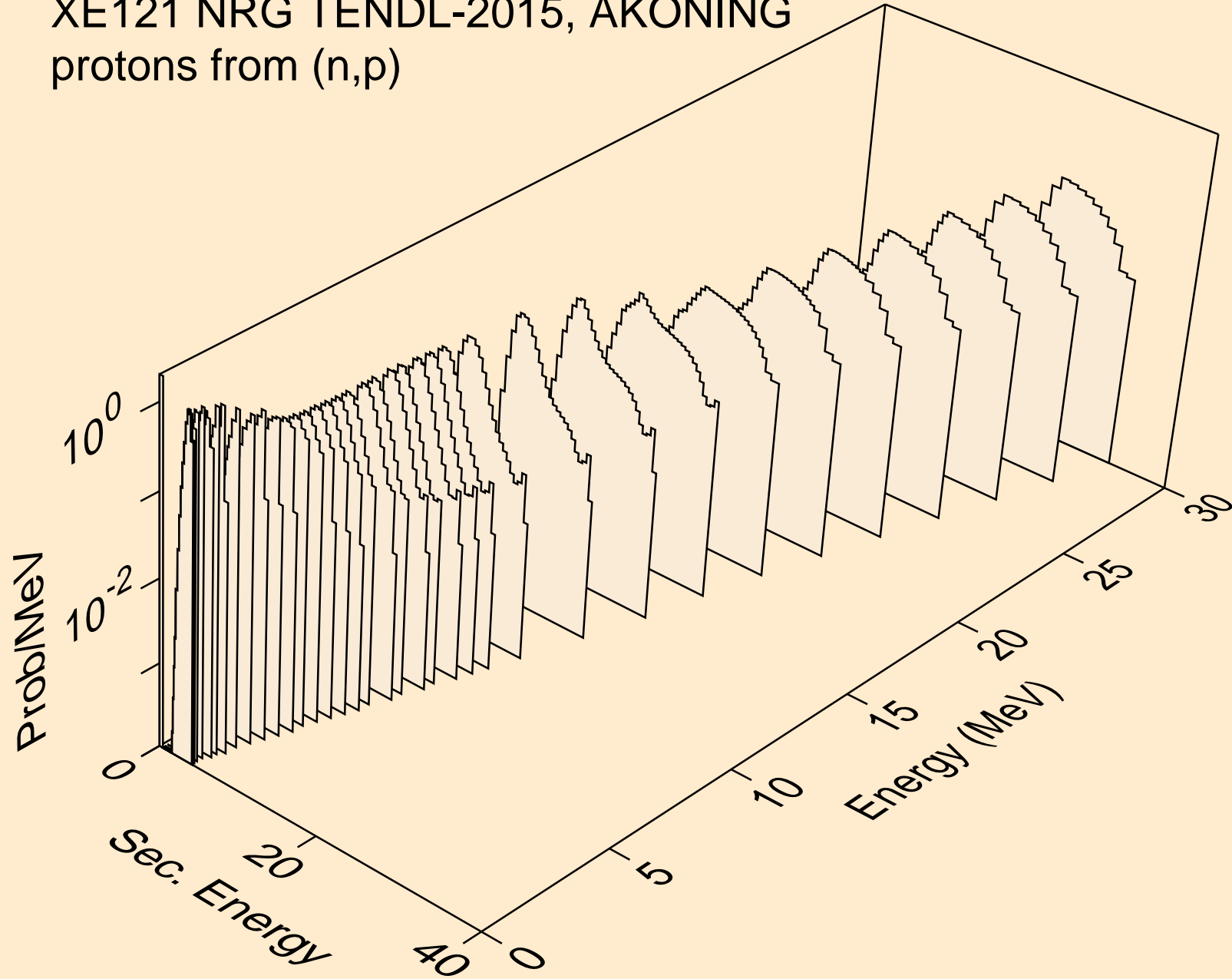
XE121 NRG TENDL-2015, AKONING  
protons from (n,2np)



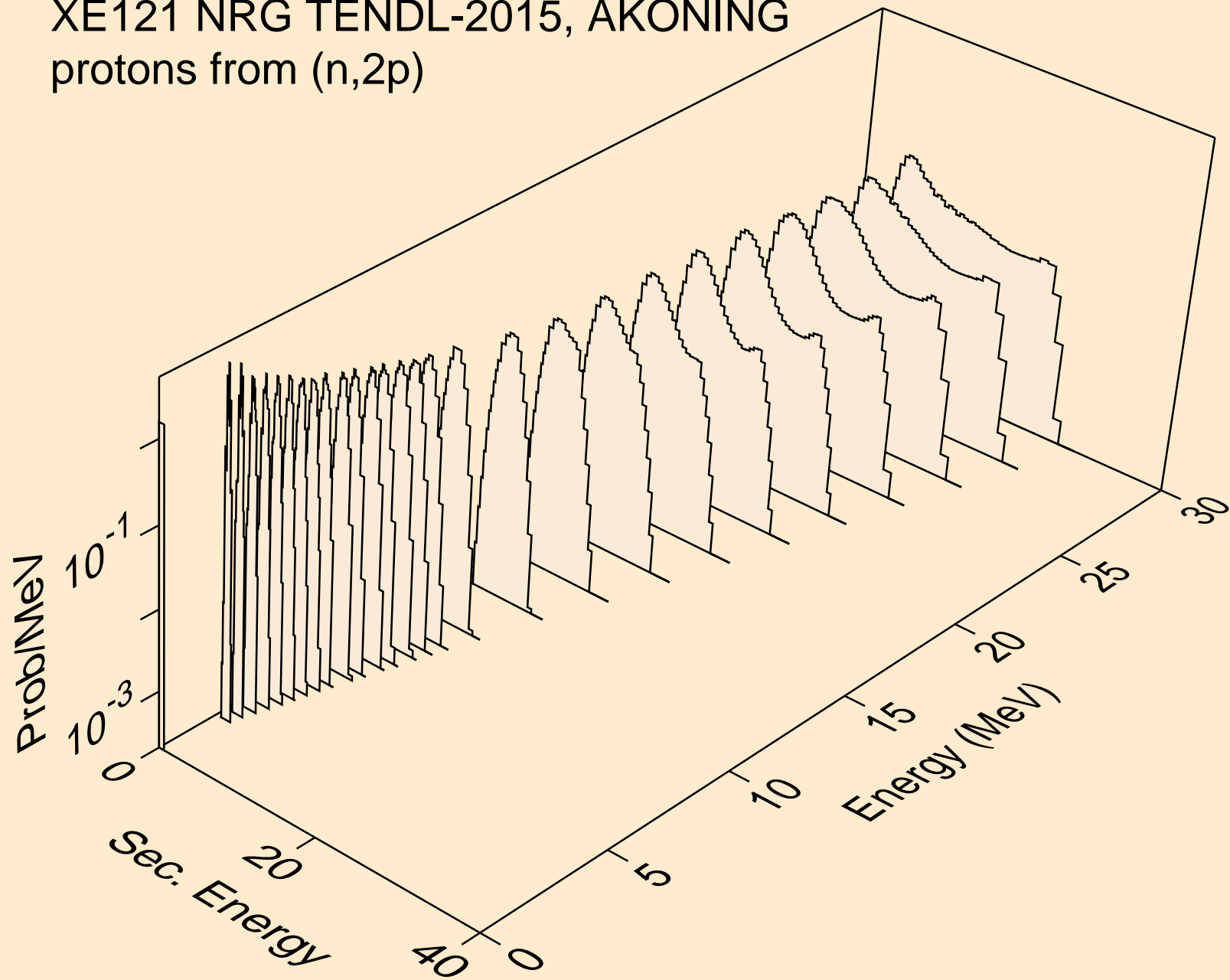
XE121 NRG TENDL-2015, AKONING  
protons from (n,npa)



XE121 NRG TENDL-2015, AKONING  
protons from (n,p)

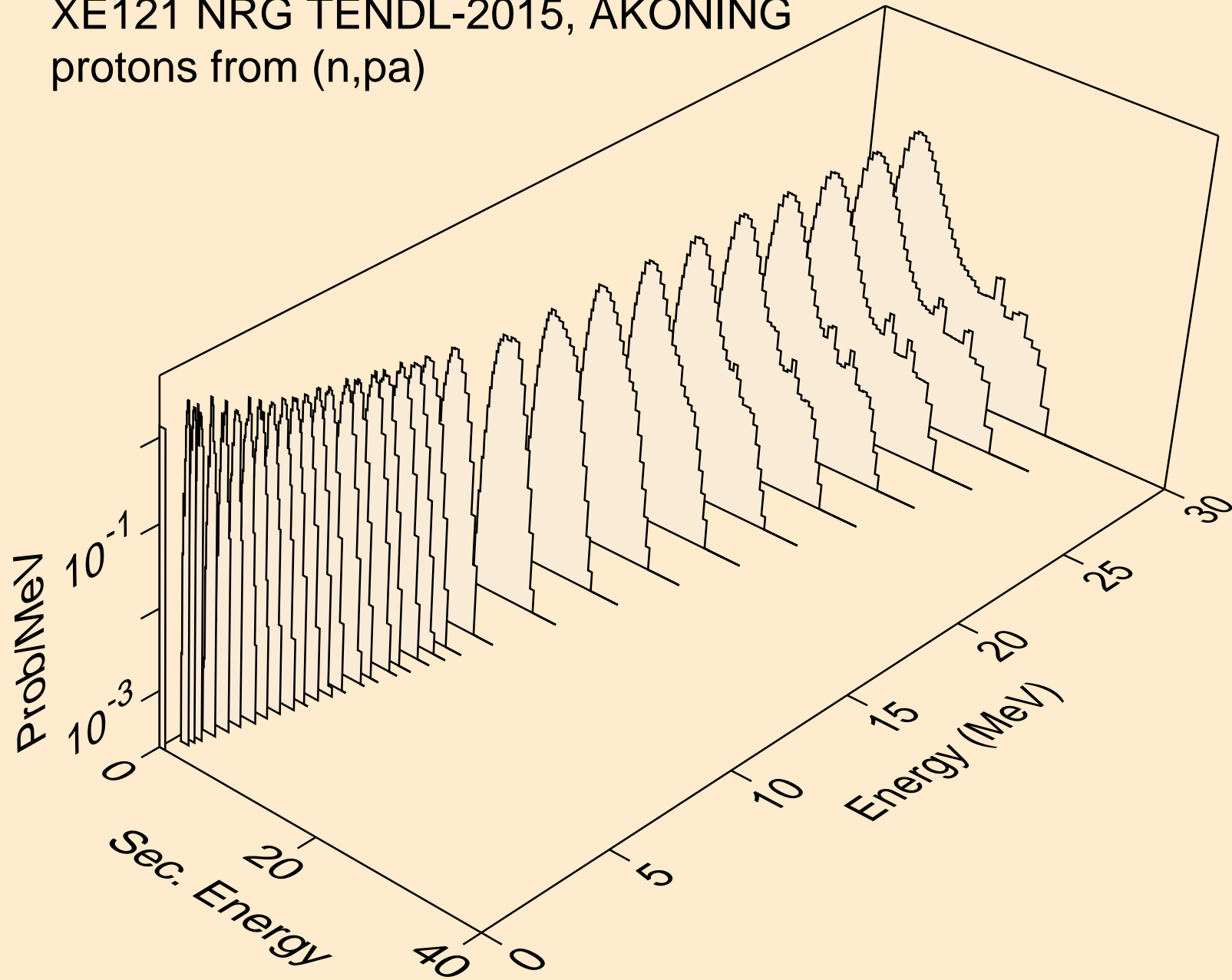


XE121 NRG TENDL-2015, AKONING  
protons from (n,2p)

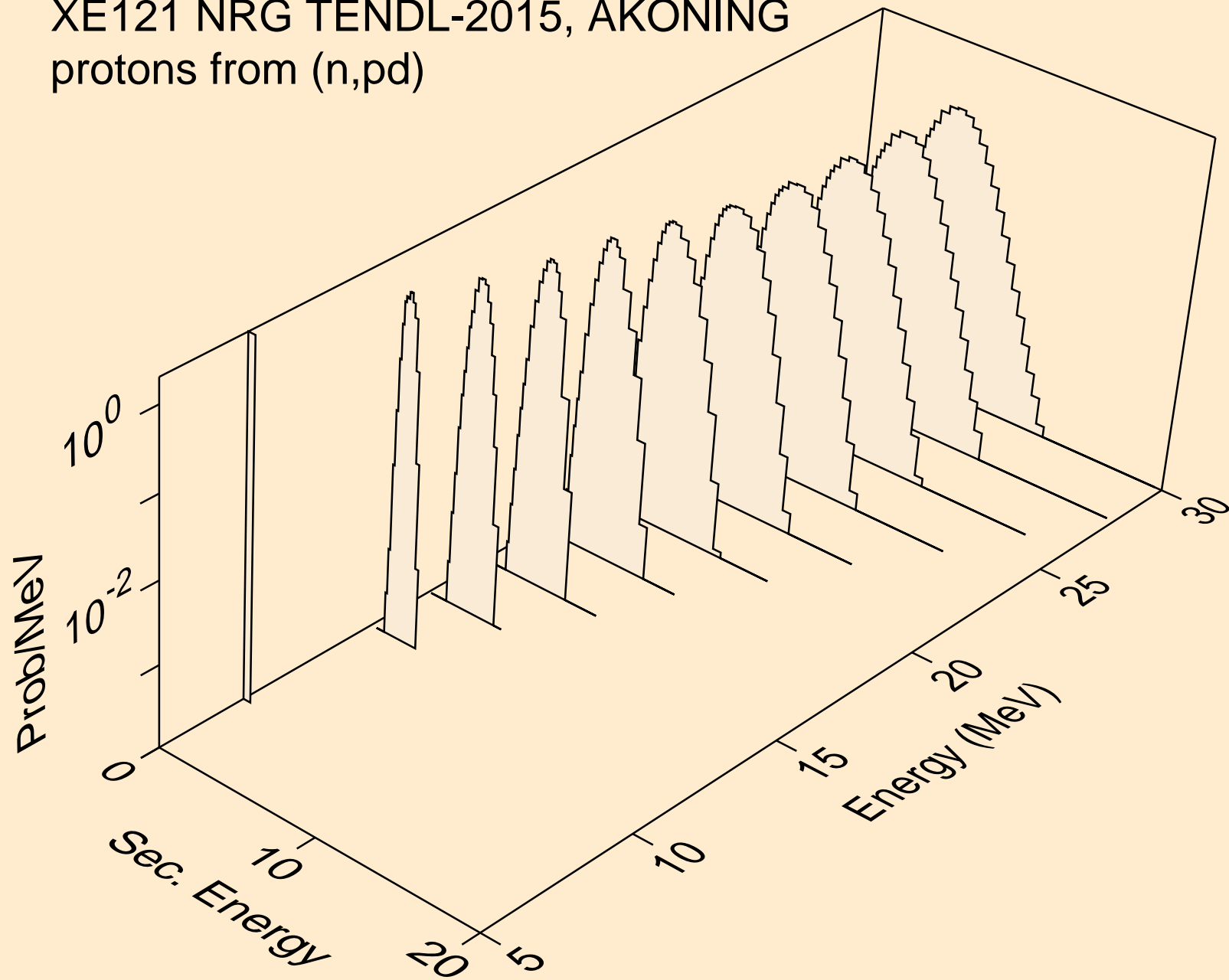




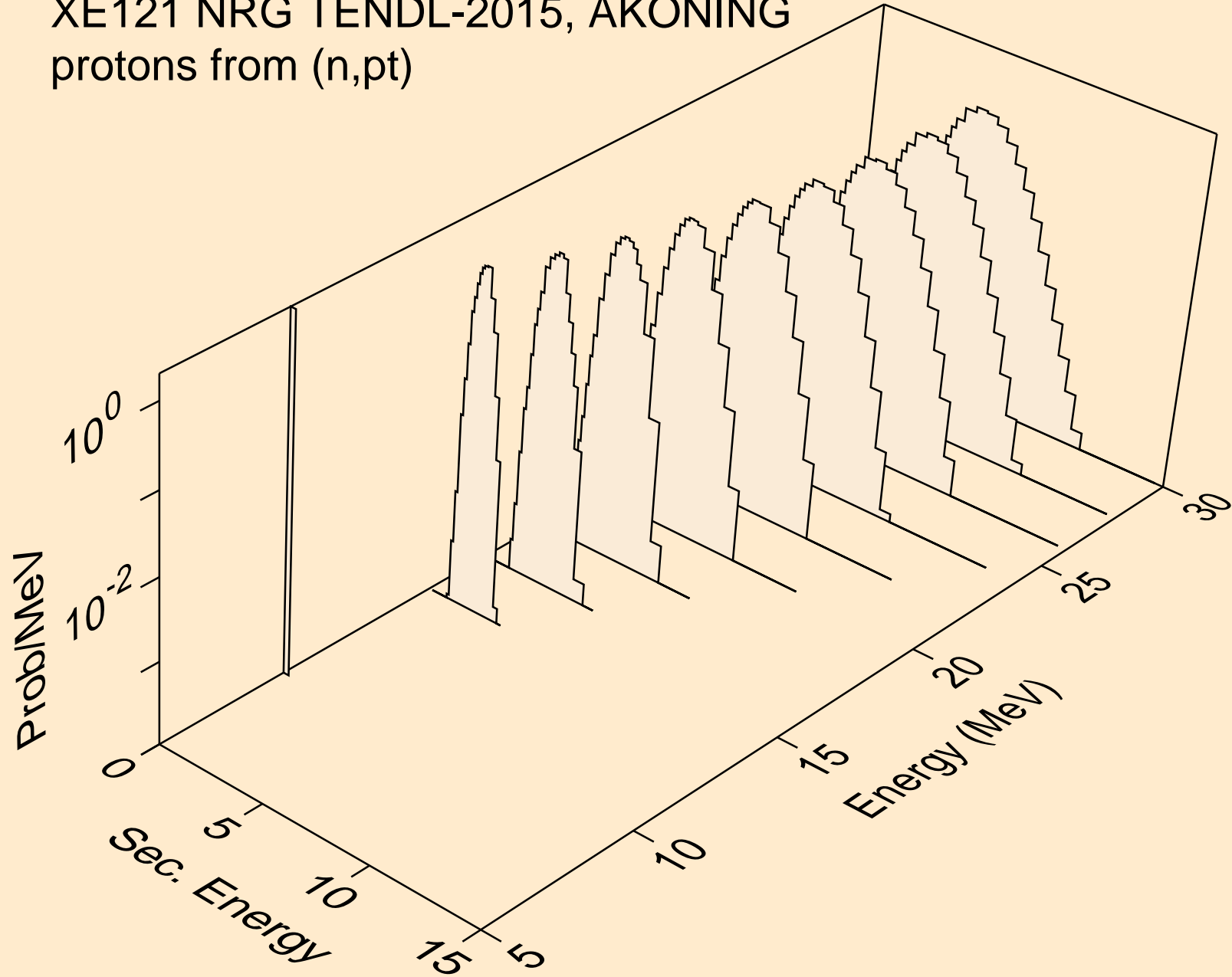
XE121 NRG TENDL-2015, AKONING  
protons from (n,pa)



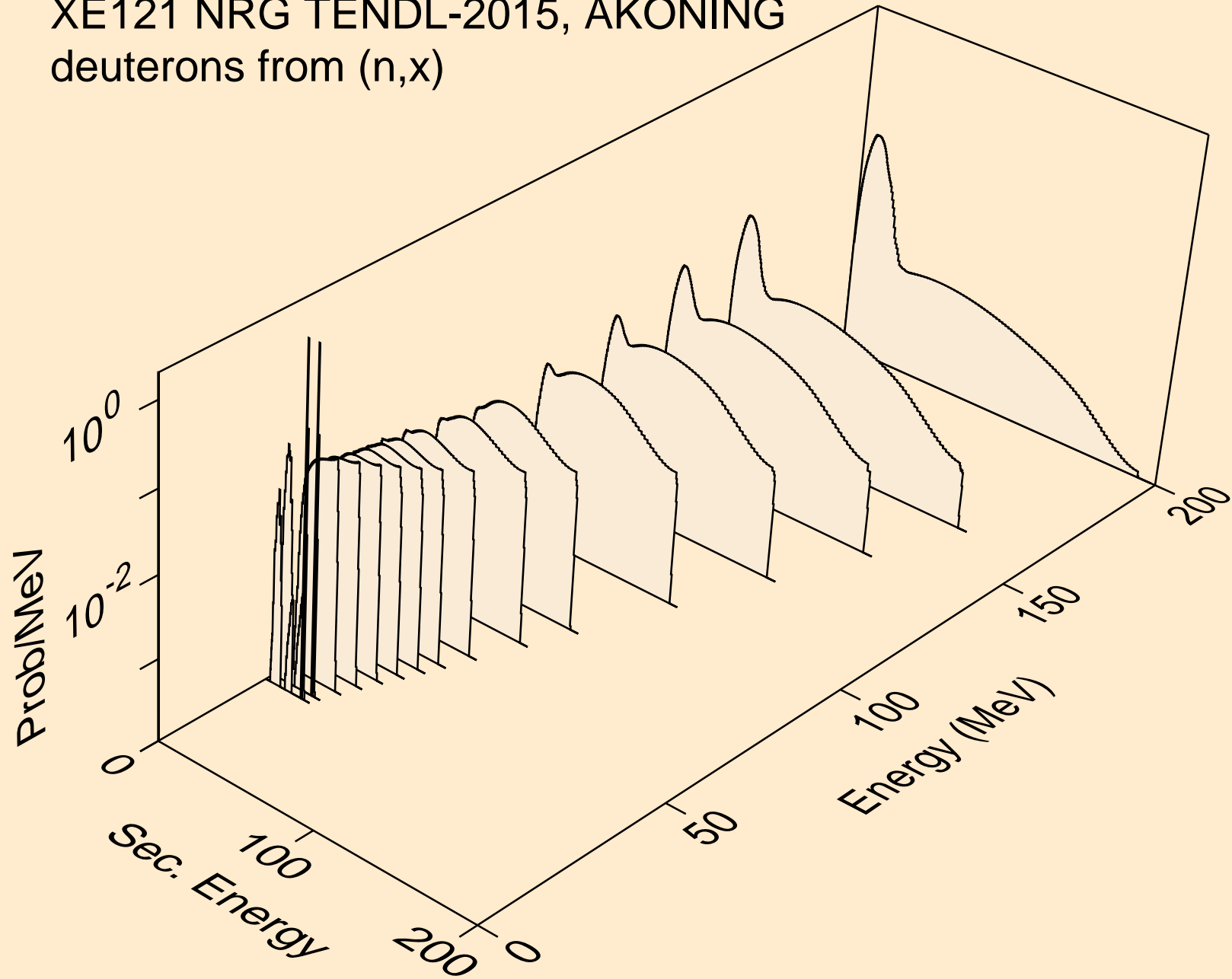
XE121 NRG TENDL-2015, AKONING  
protons from (n,pd)



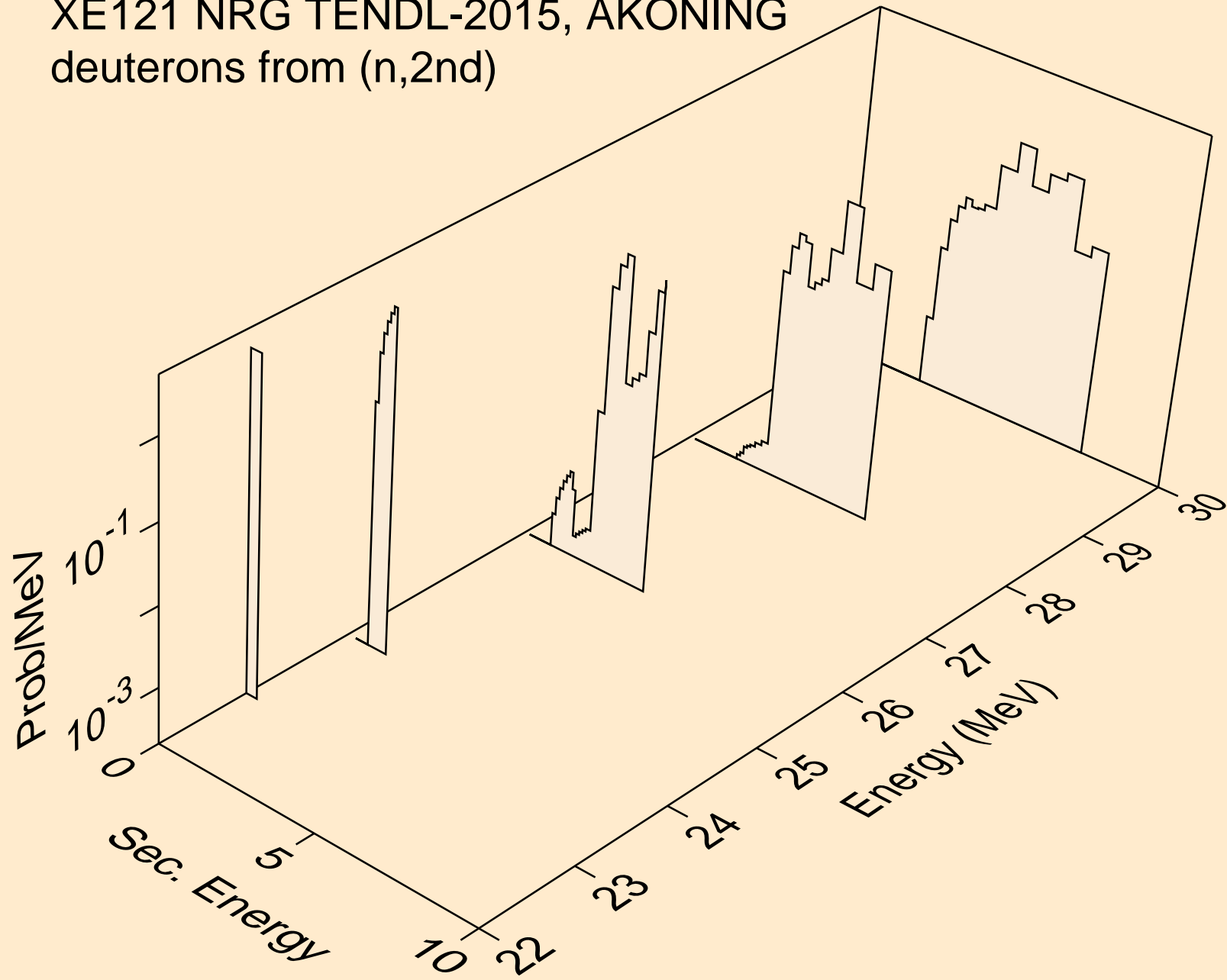
XE121 NRG TENDL-2015, AKONING  
protons from (n,pt)



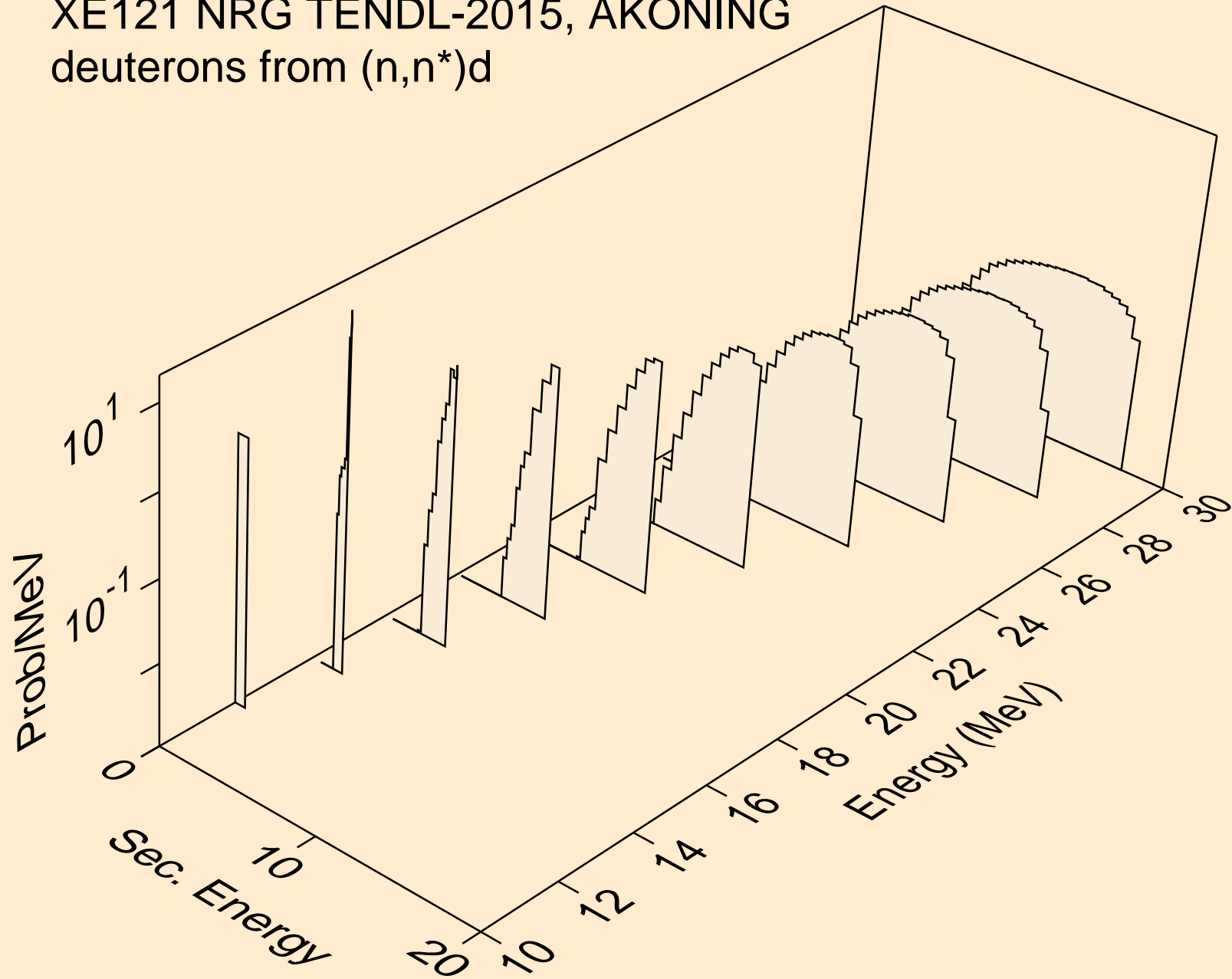
XE121 NRG TENDL-2015, AKONING  
deuterons from (n,x)



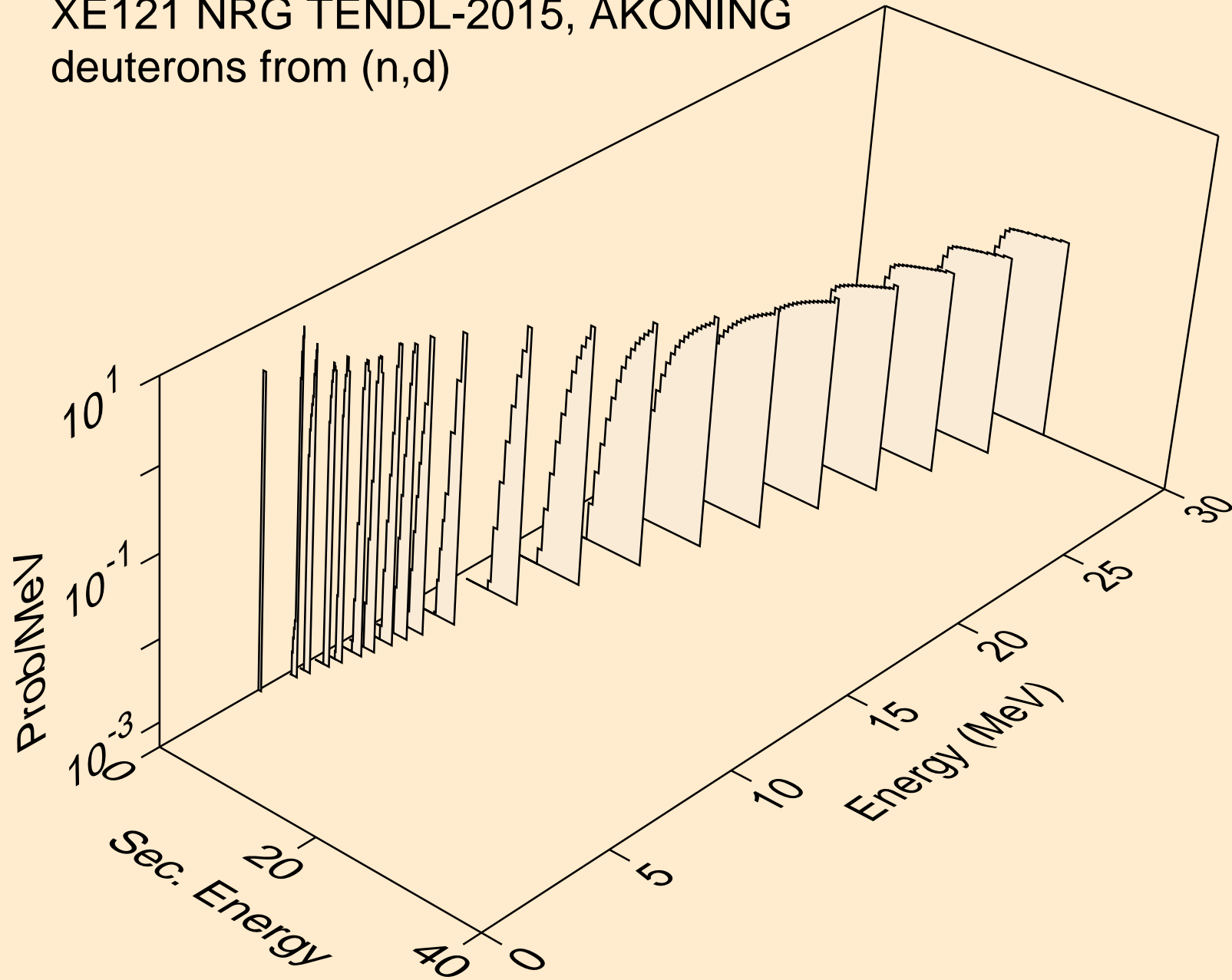
XE121 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



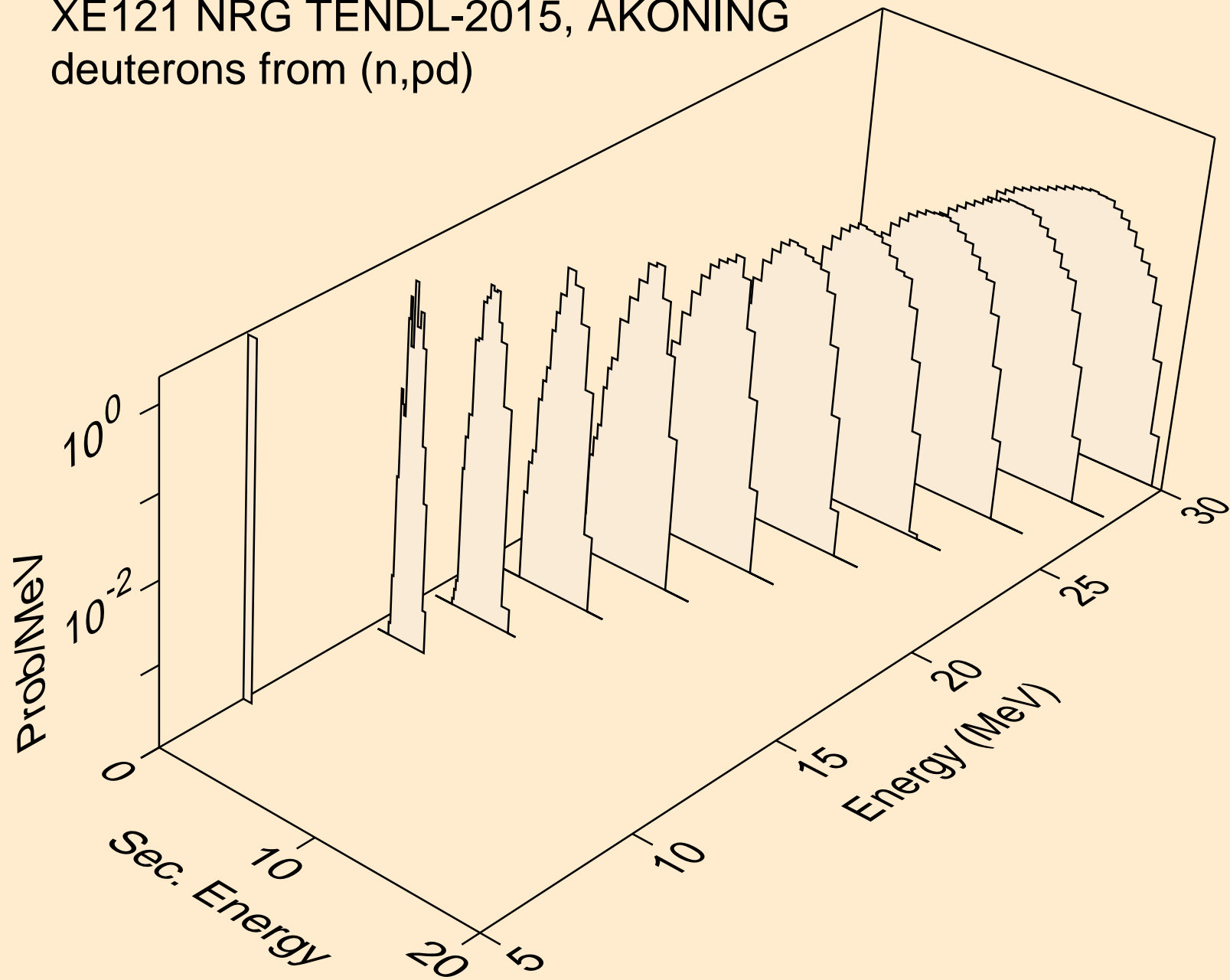
XE121 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



XE121 NRG TENDL-2015, AKONING  
deuterons from (n,d)

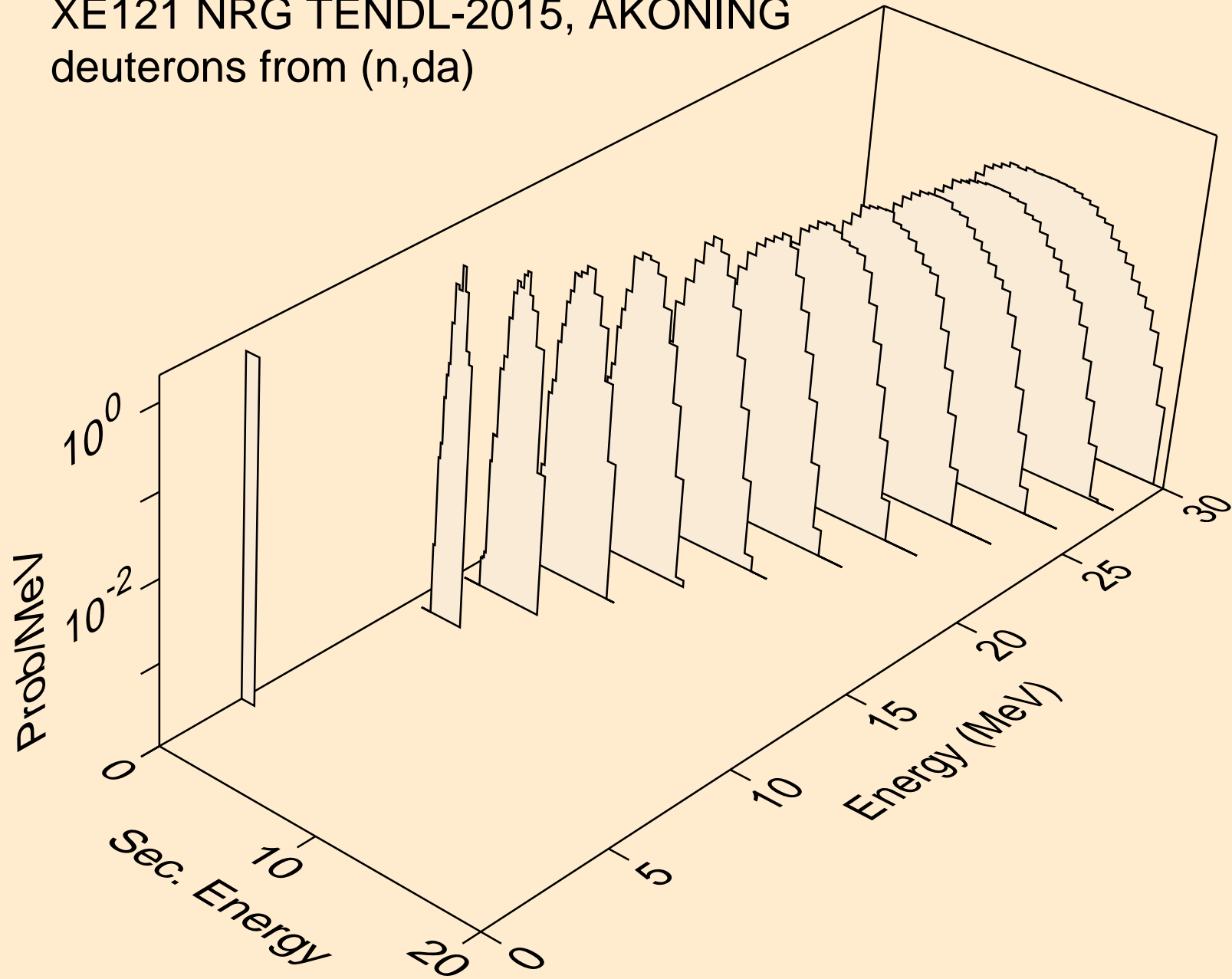


XE121 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

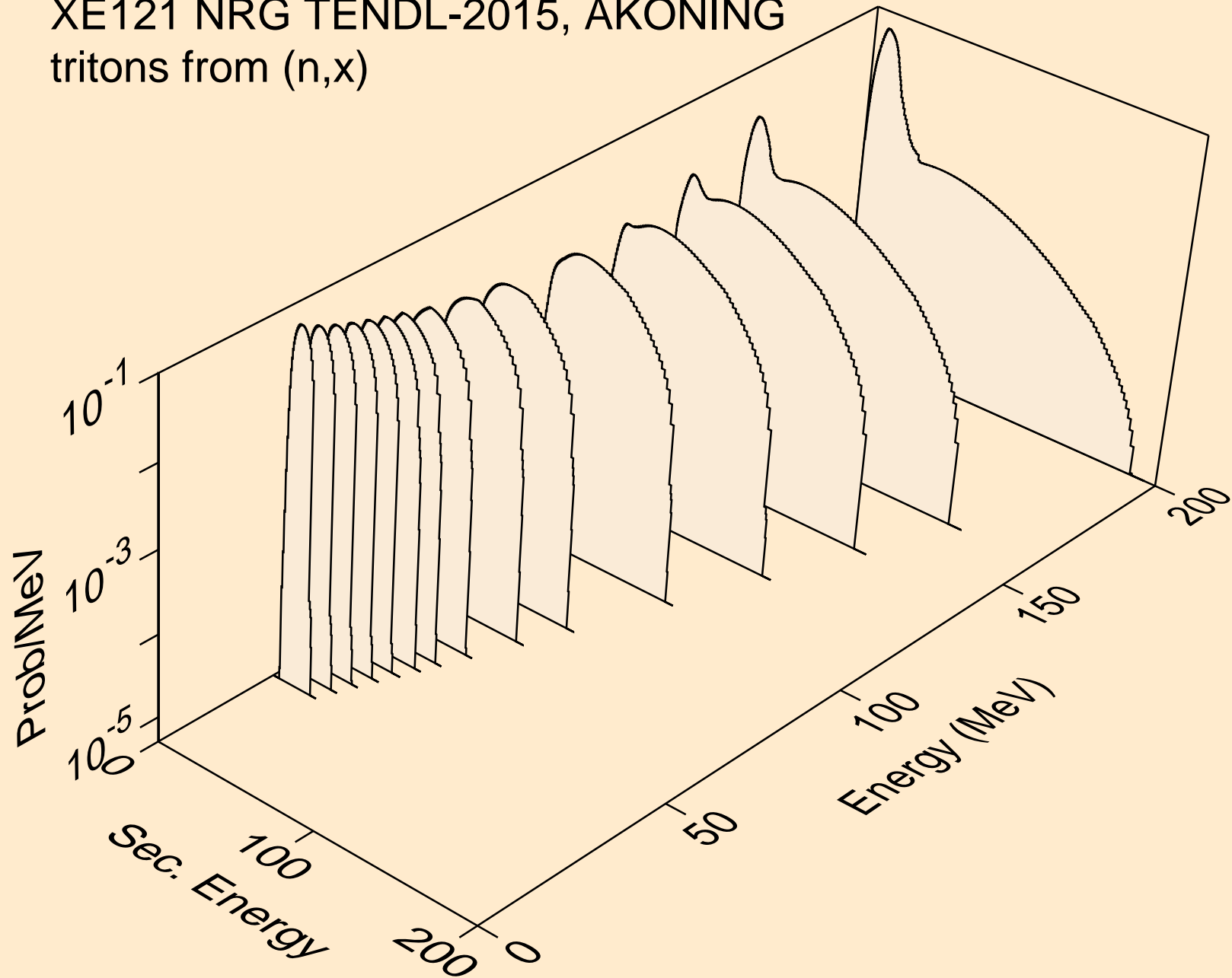




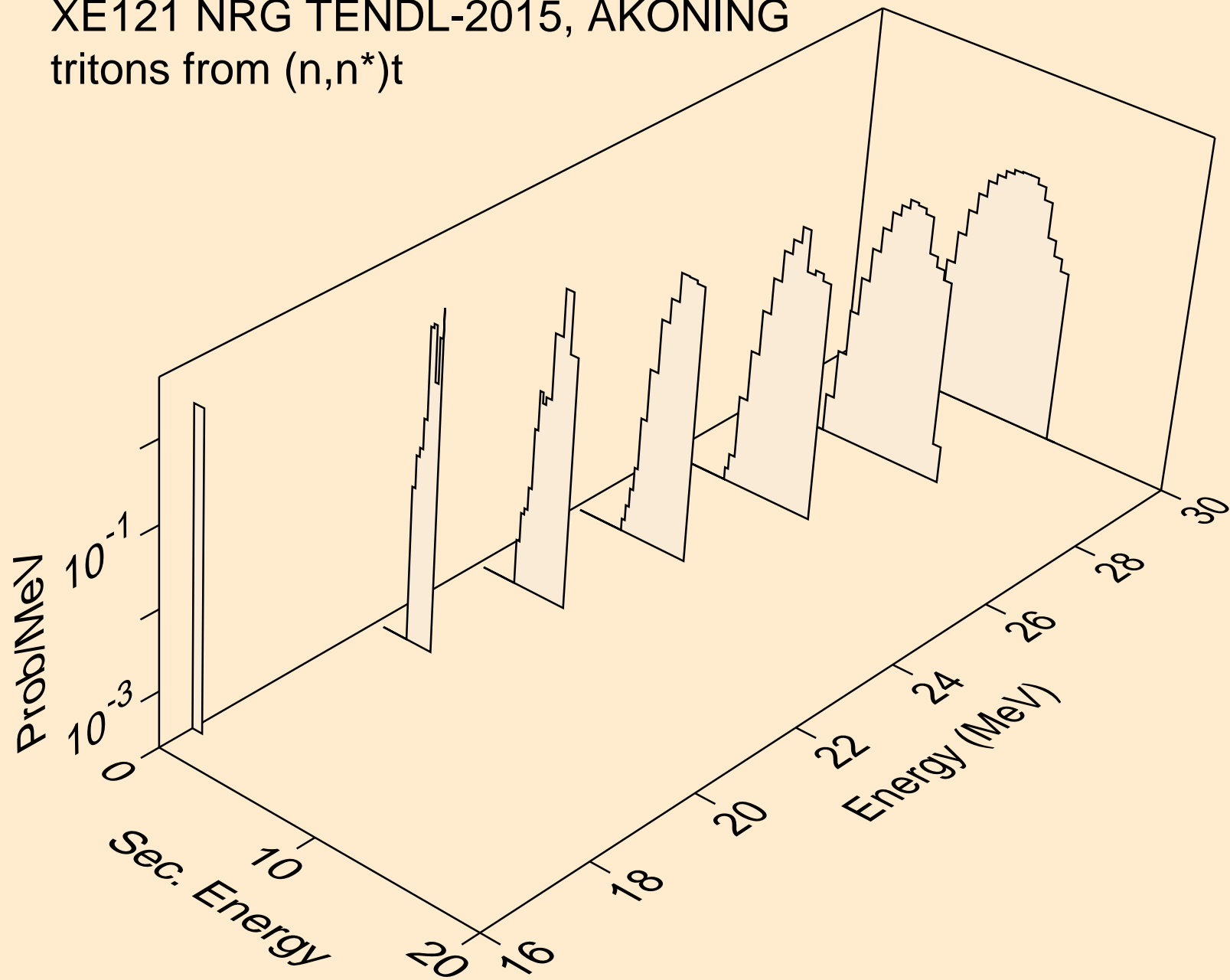
XE121 NRG TENDL-2015, AKONING  
deuterons from (n,da)



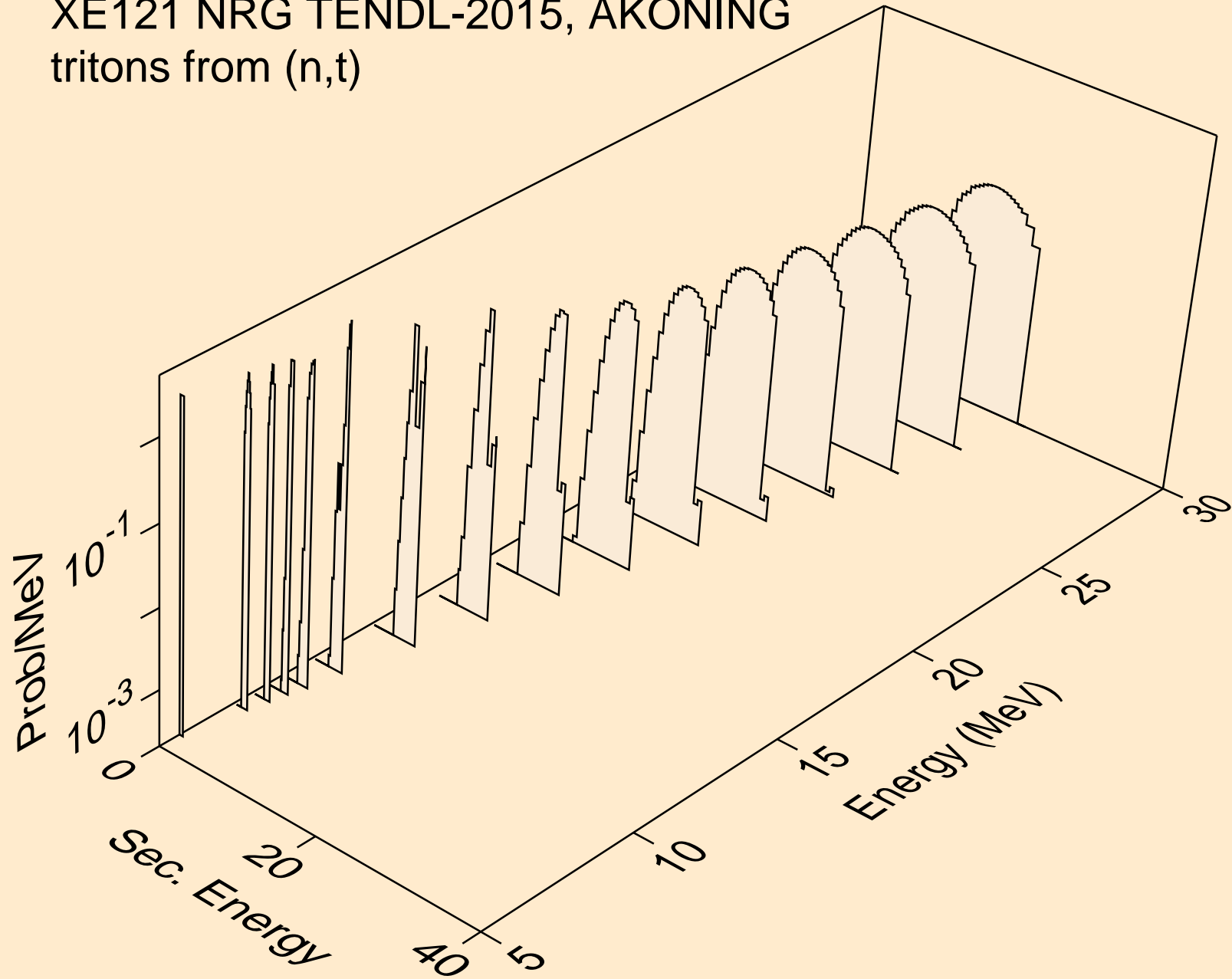
XE121 NRG TENDL-2015, AKONING  
tritons from (n,x)



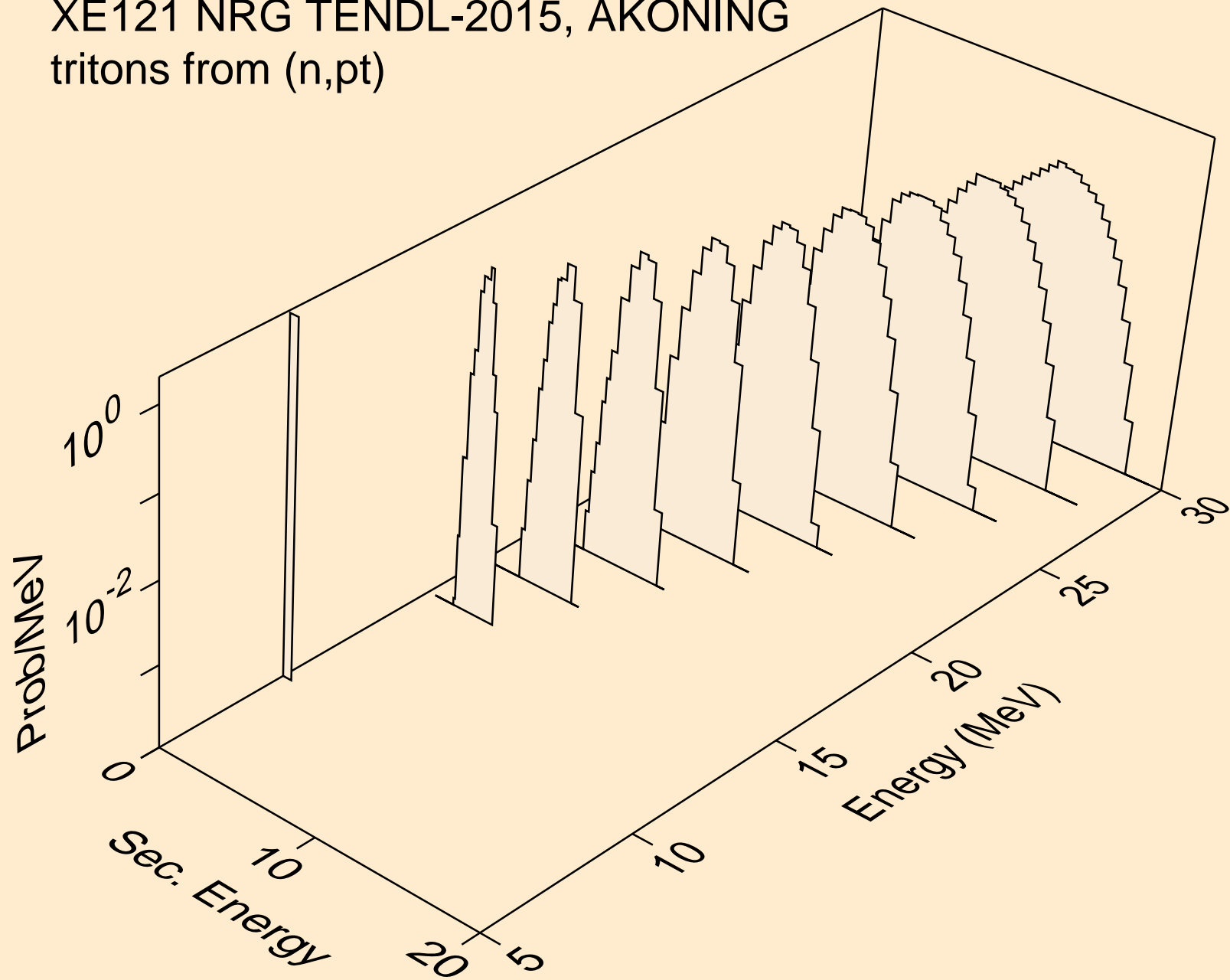
XE121 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



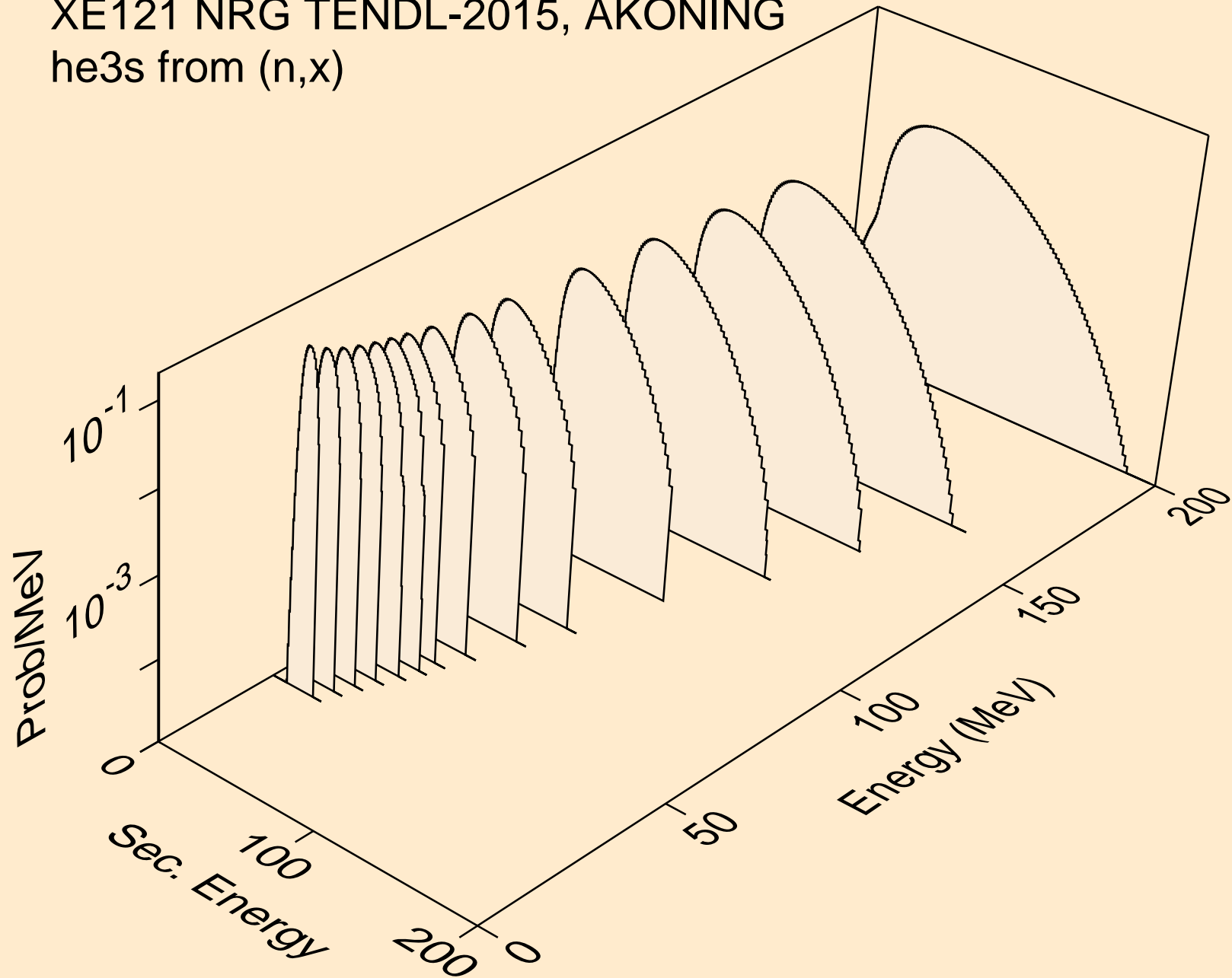
XE121 NRG TENDL-2015, AKONING  
tritons from (n,t)



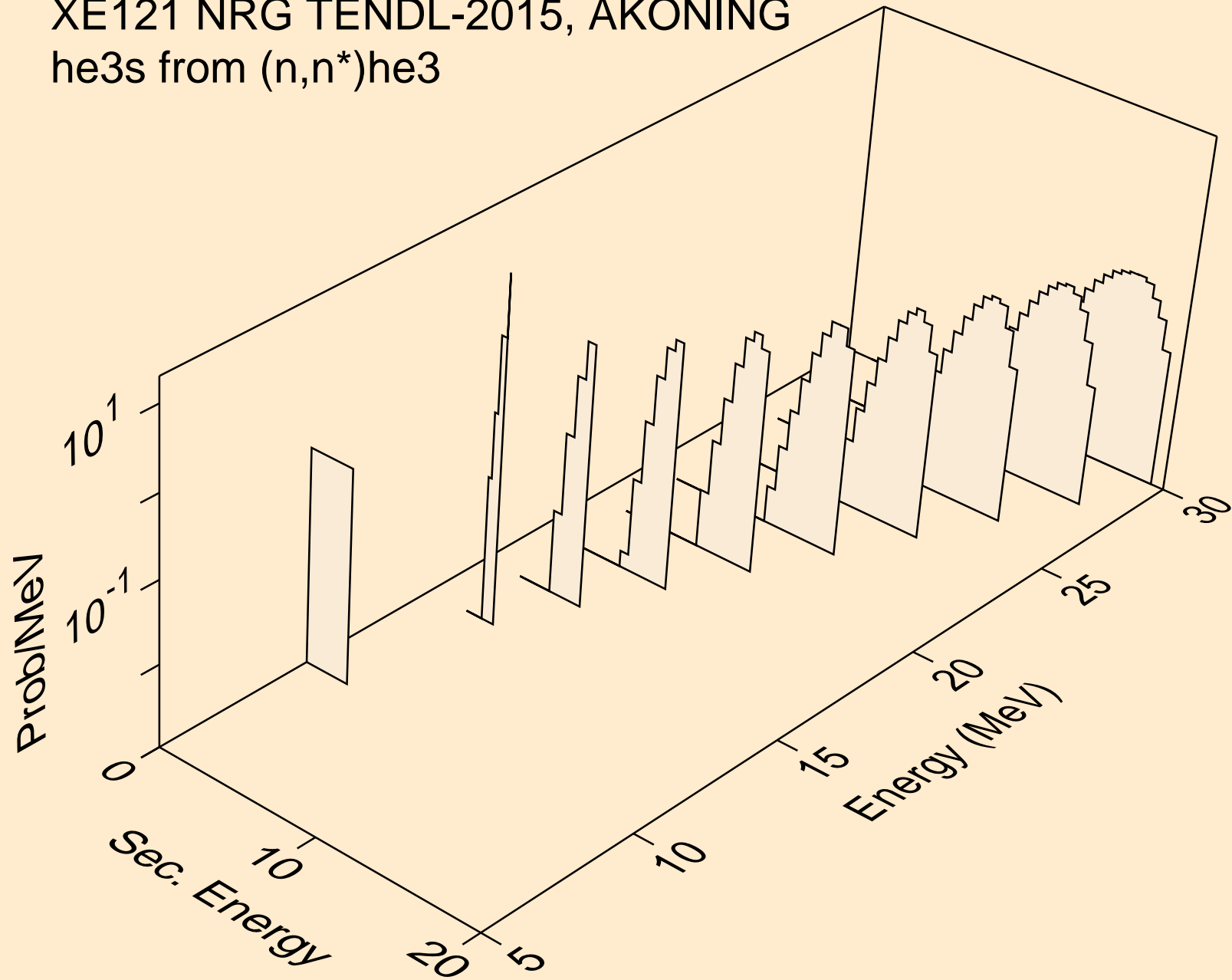
XE121 NRG TENDL-2015, AKONING  
tritons from (n,pt)



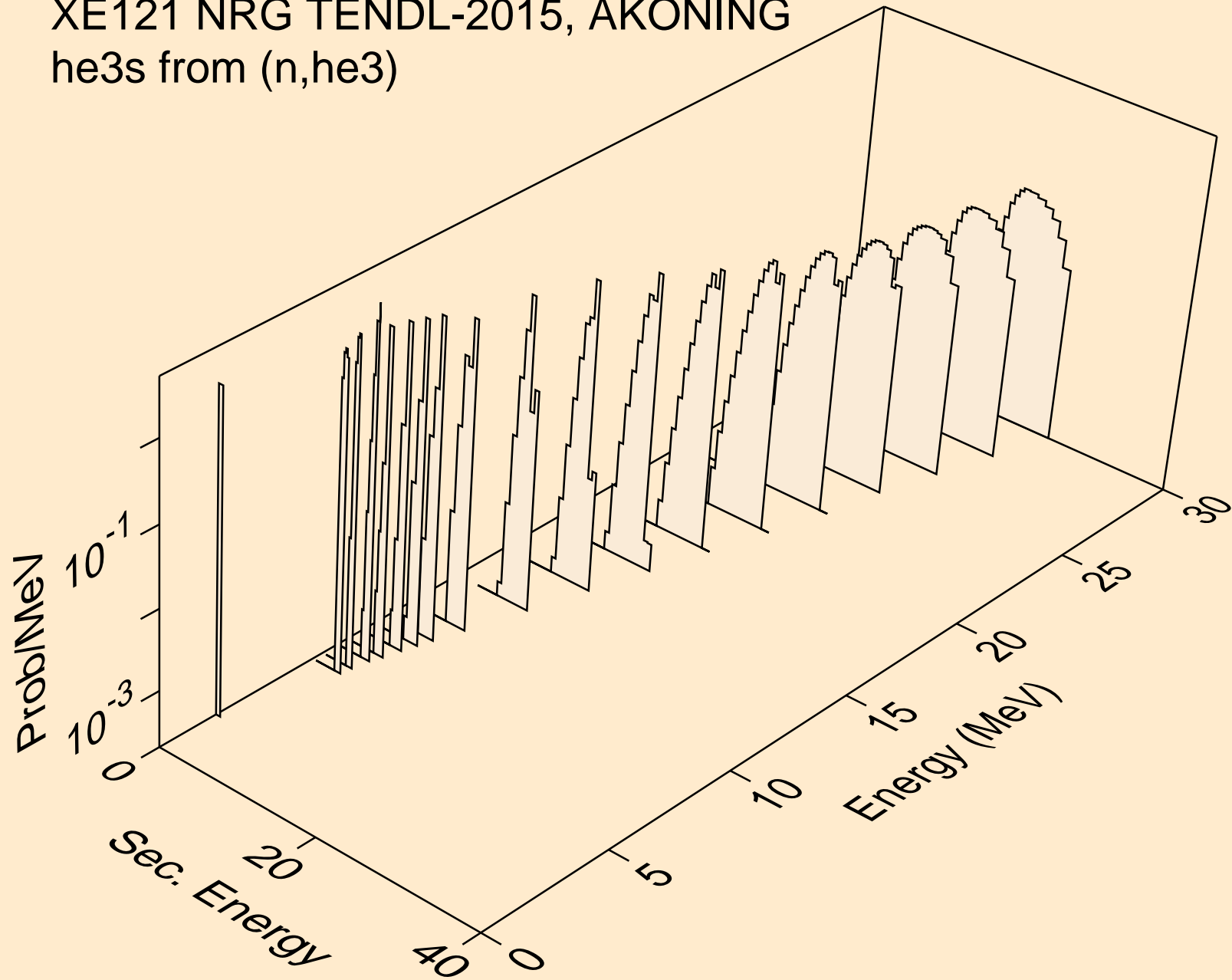
XE121 NRG TENDL-2015, AKONING  
he3s from (n,x)



XE121 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

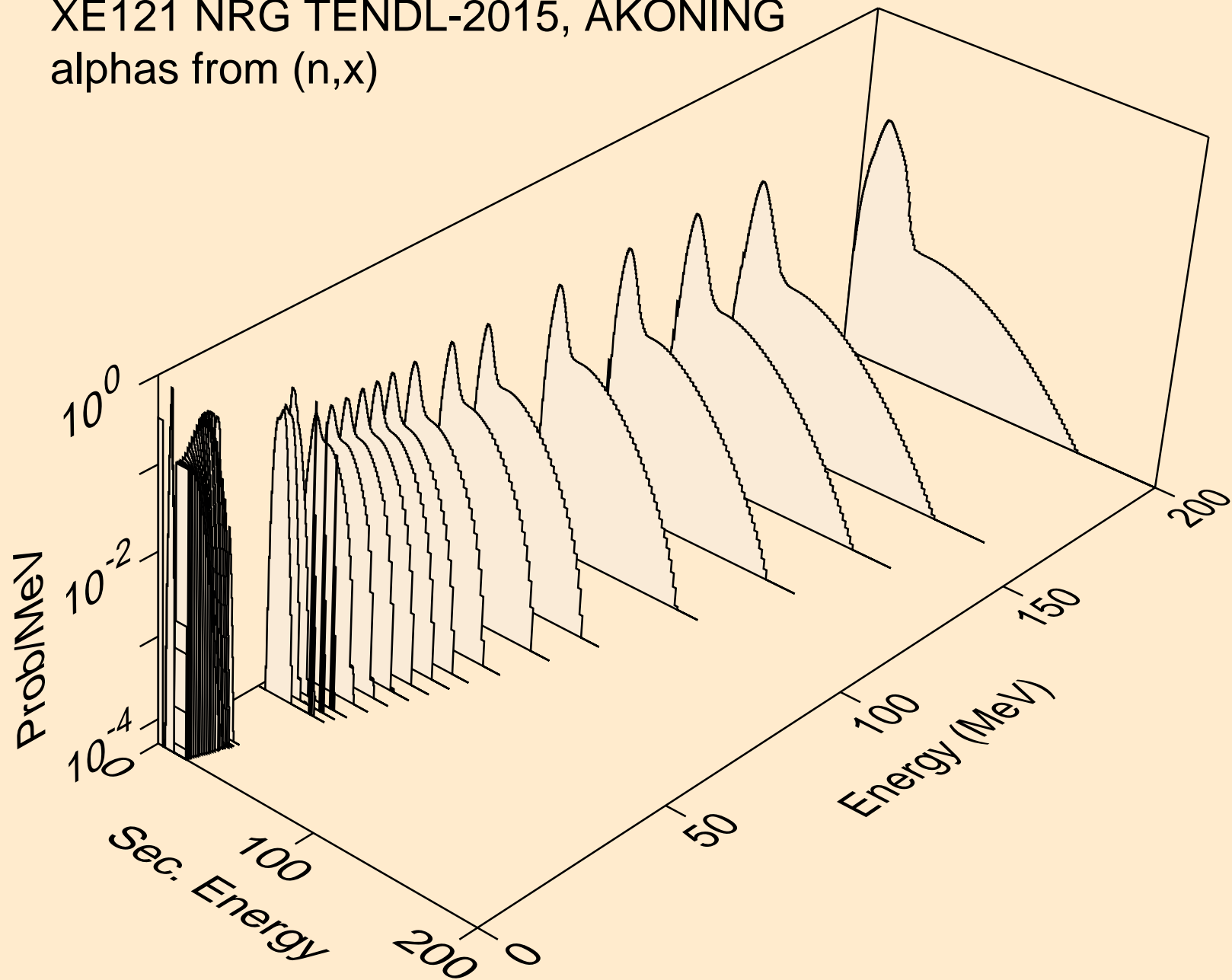


XE121 NRG TENDL-2015, AKONING  
he3s from (n,he3)

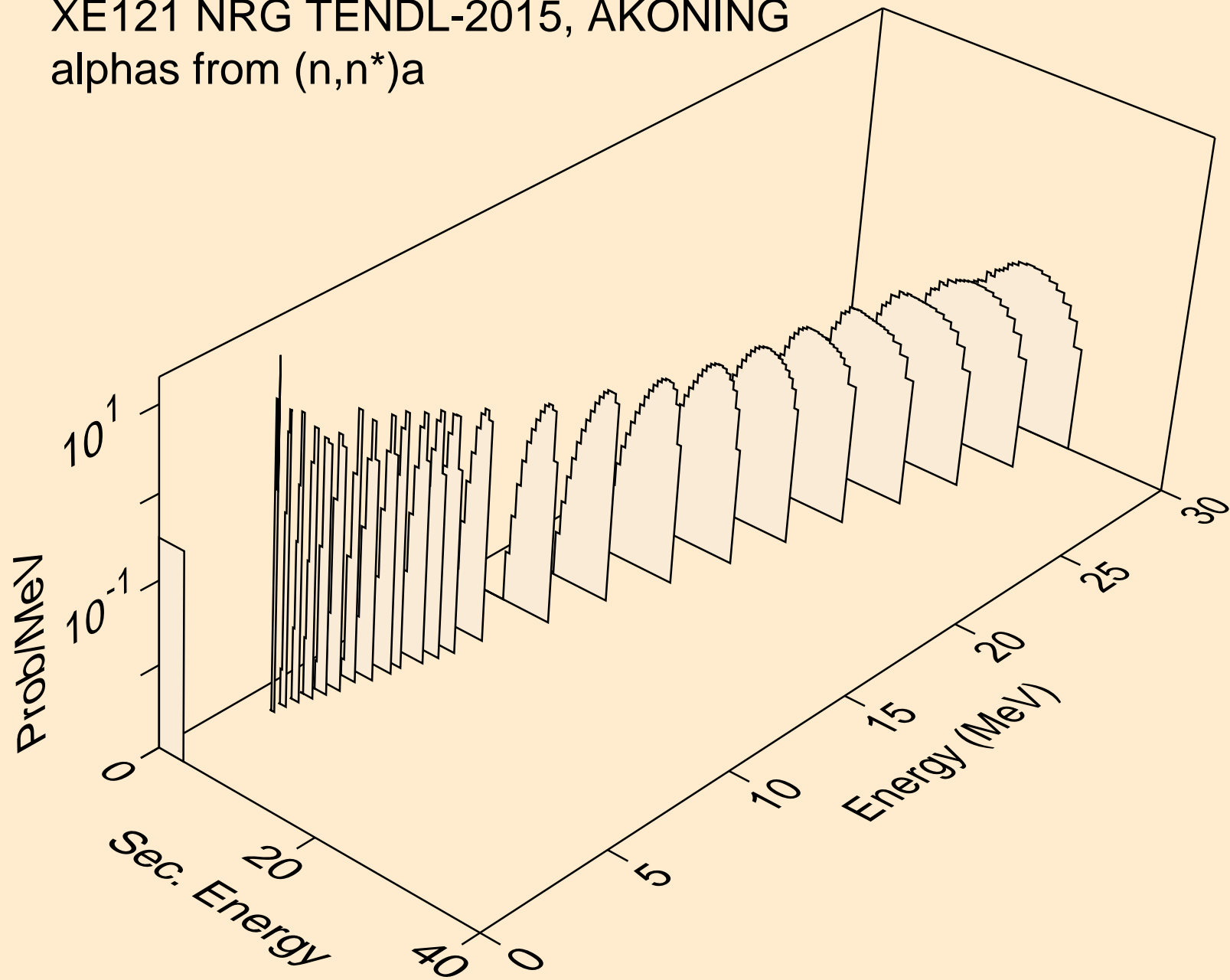




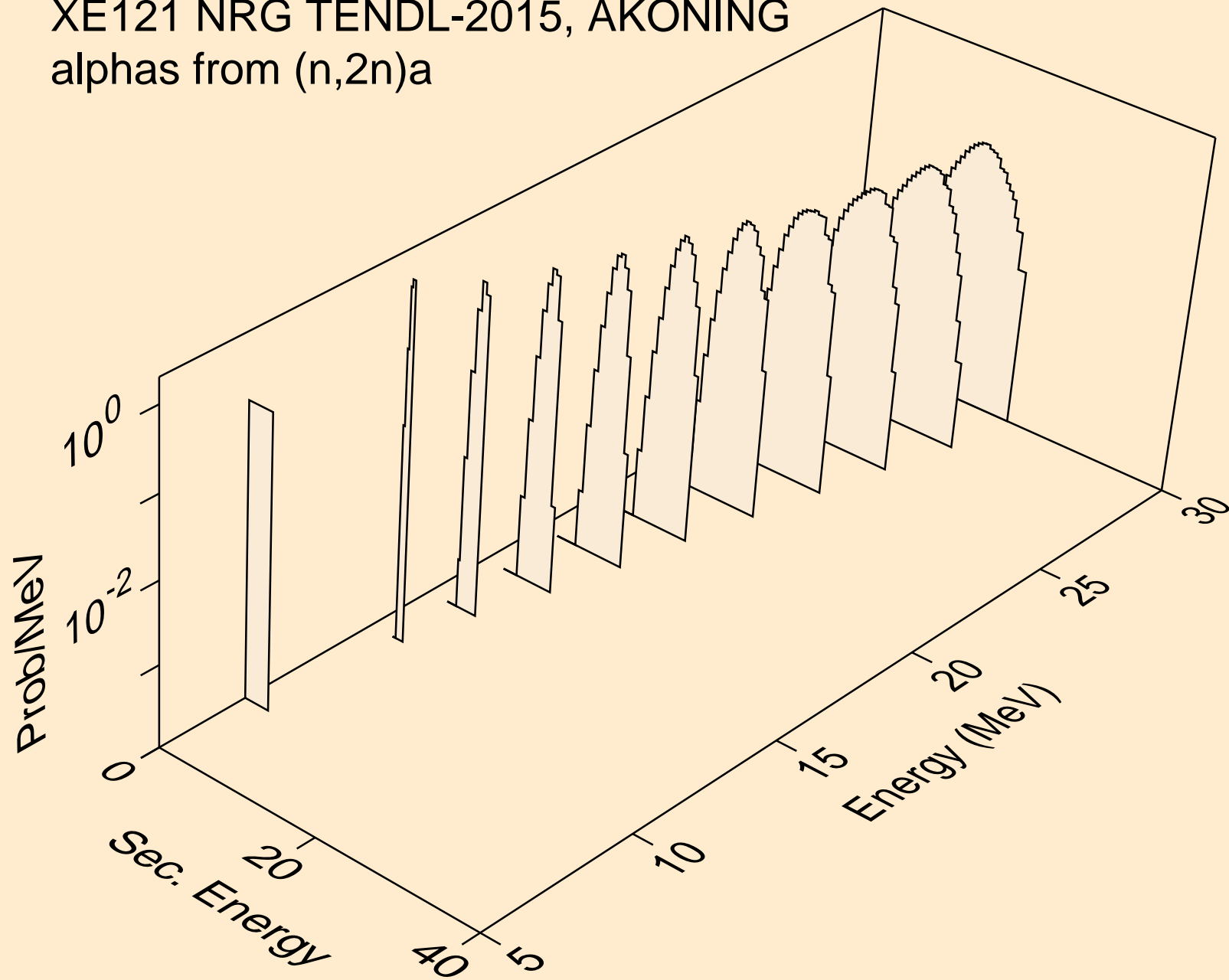
XE121 NRG TENDL-2015, AKONING  
alphas from (n,x)



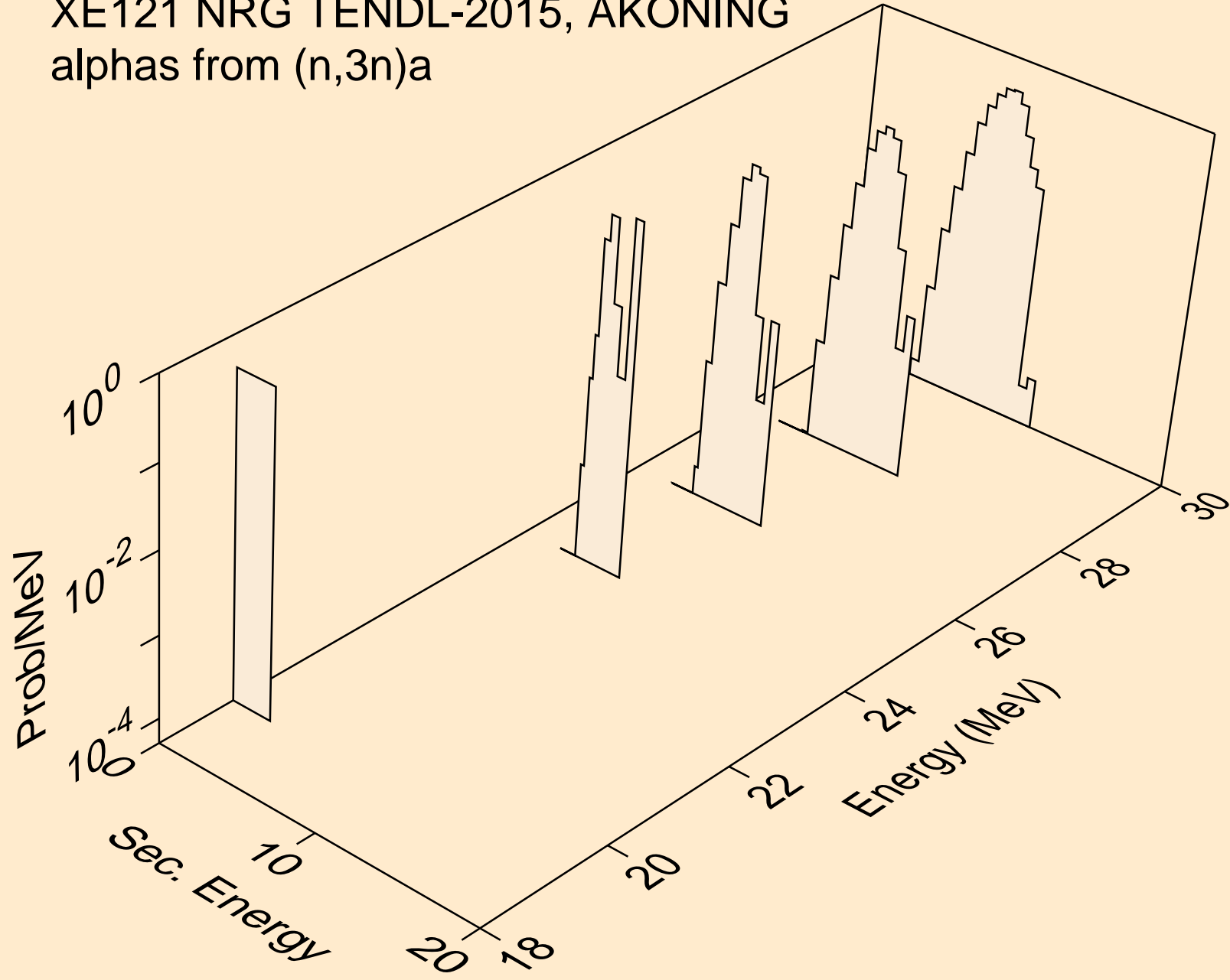
XE121 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



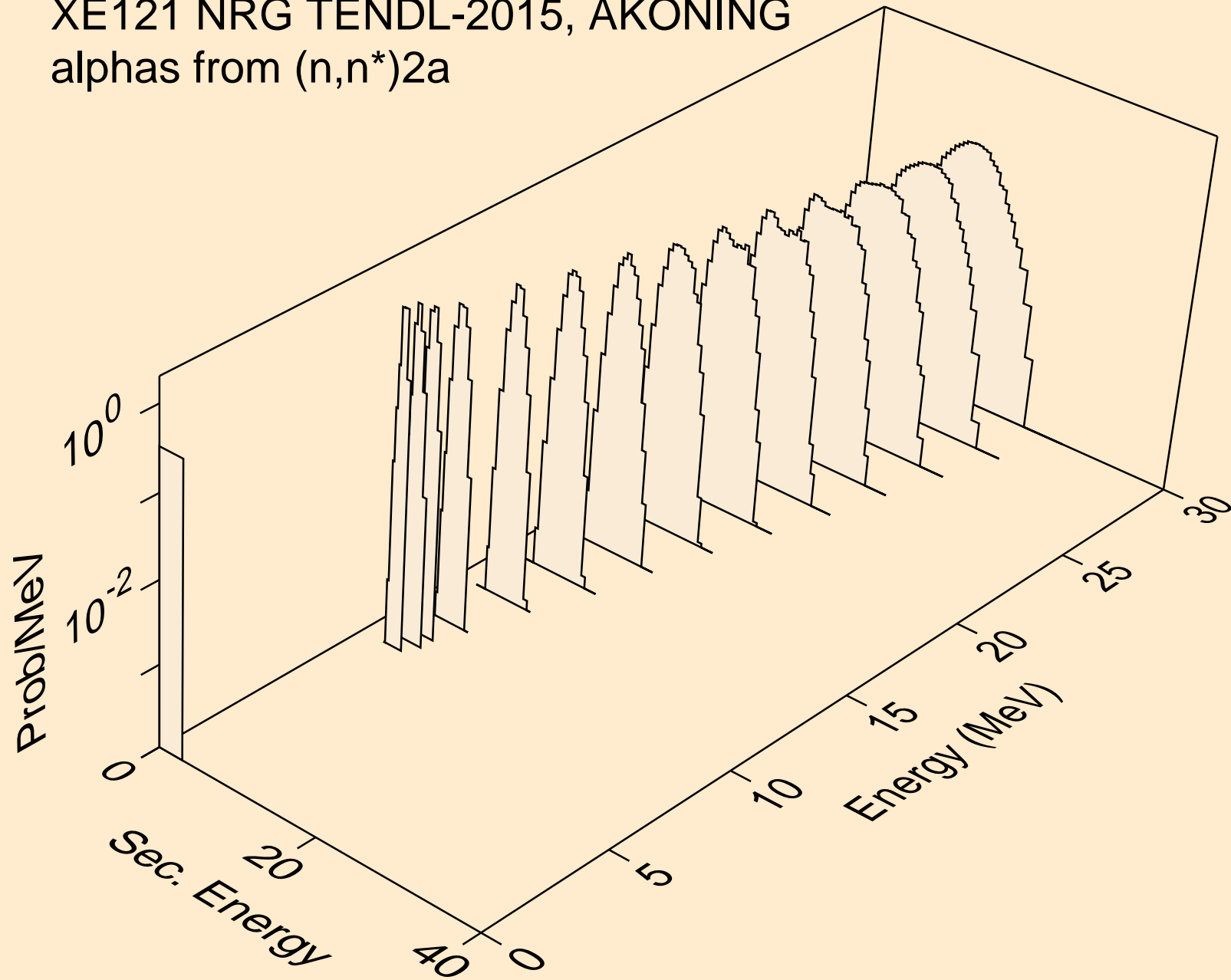
XE121 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



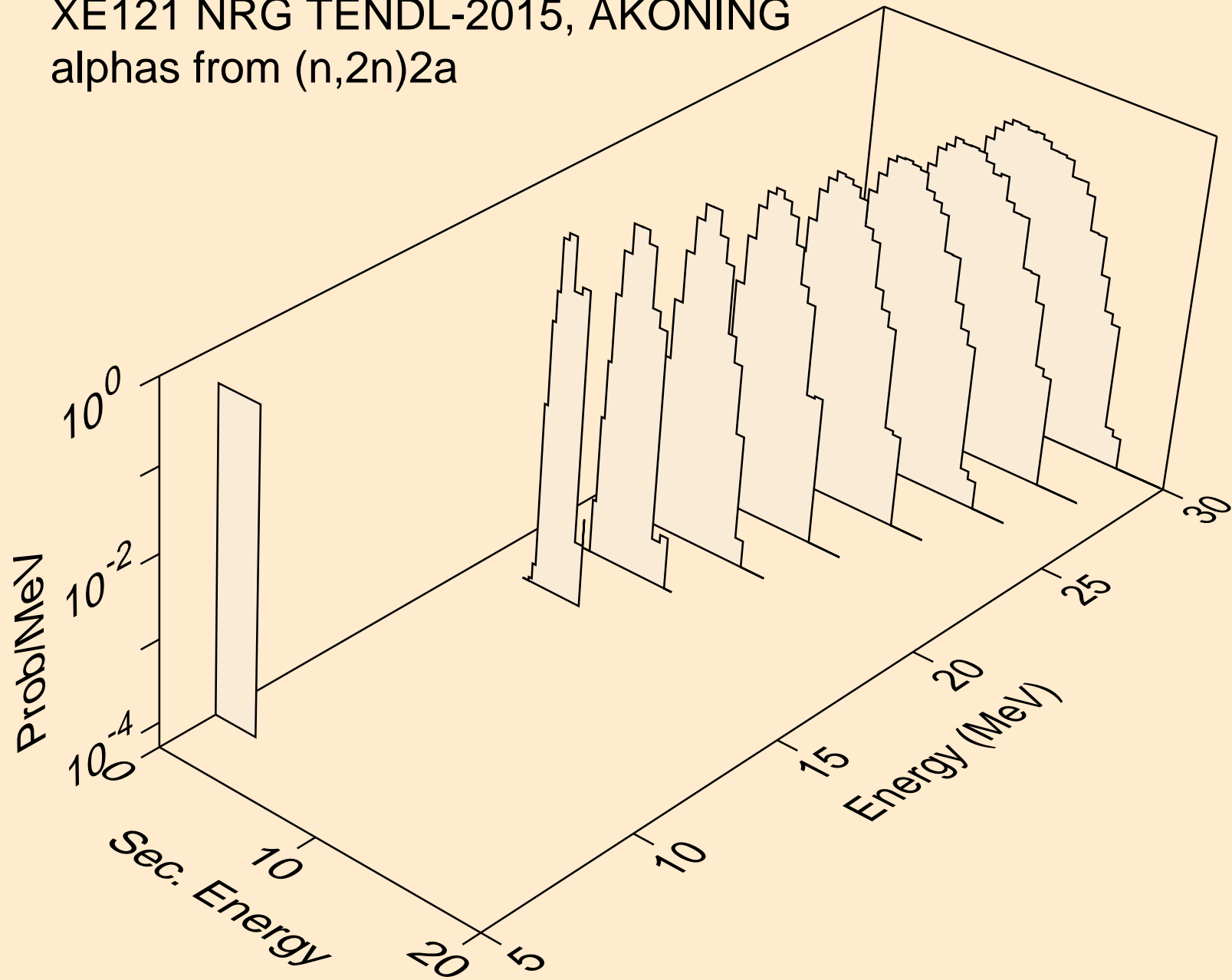
XE121 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



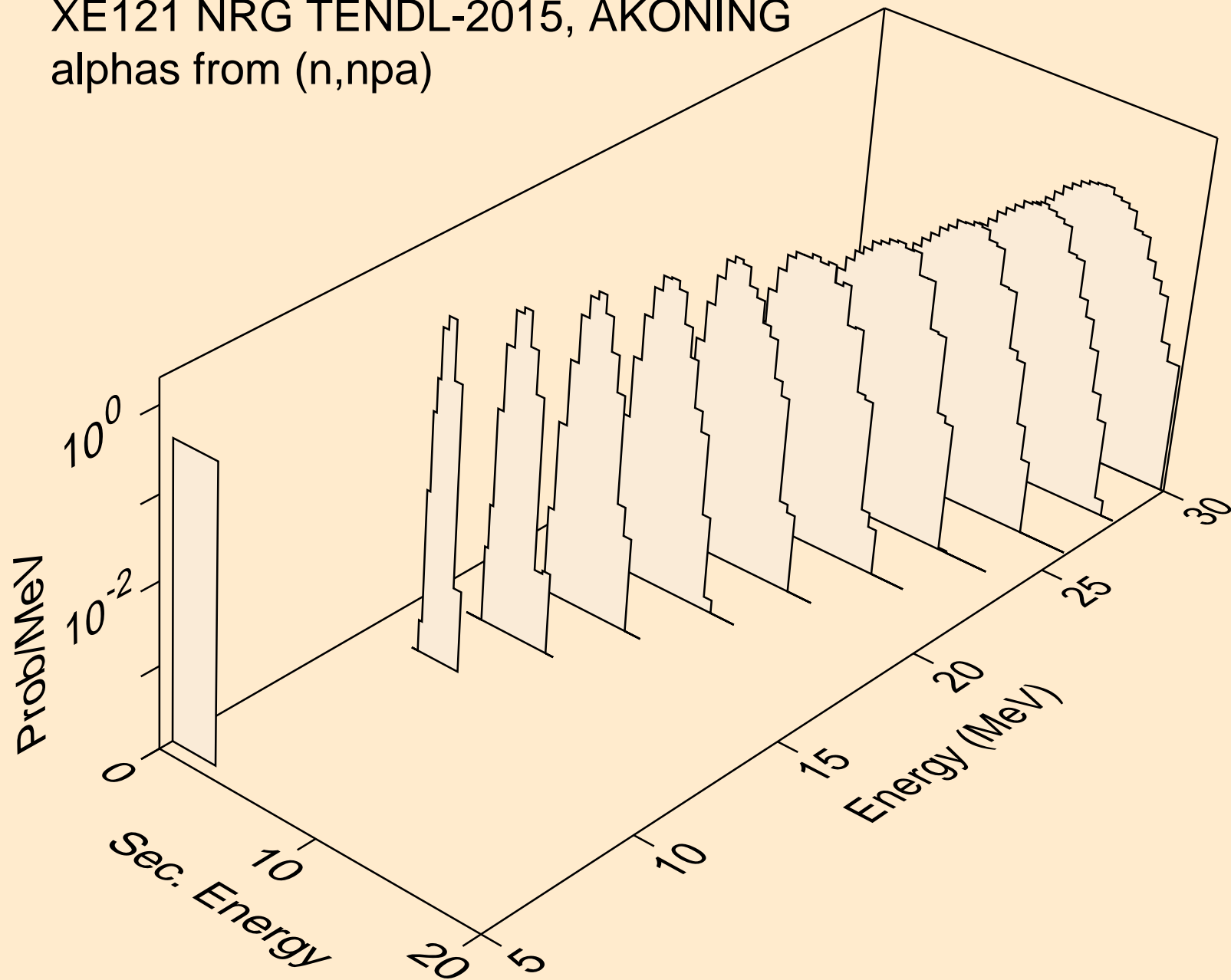
XE121 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



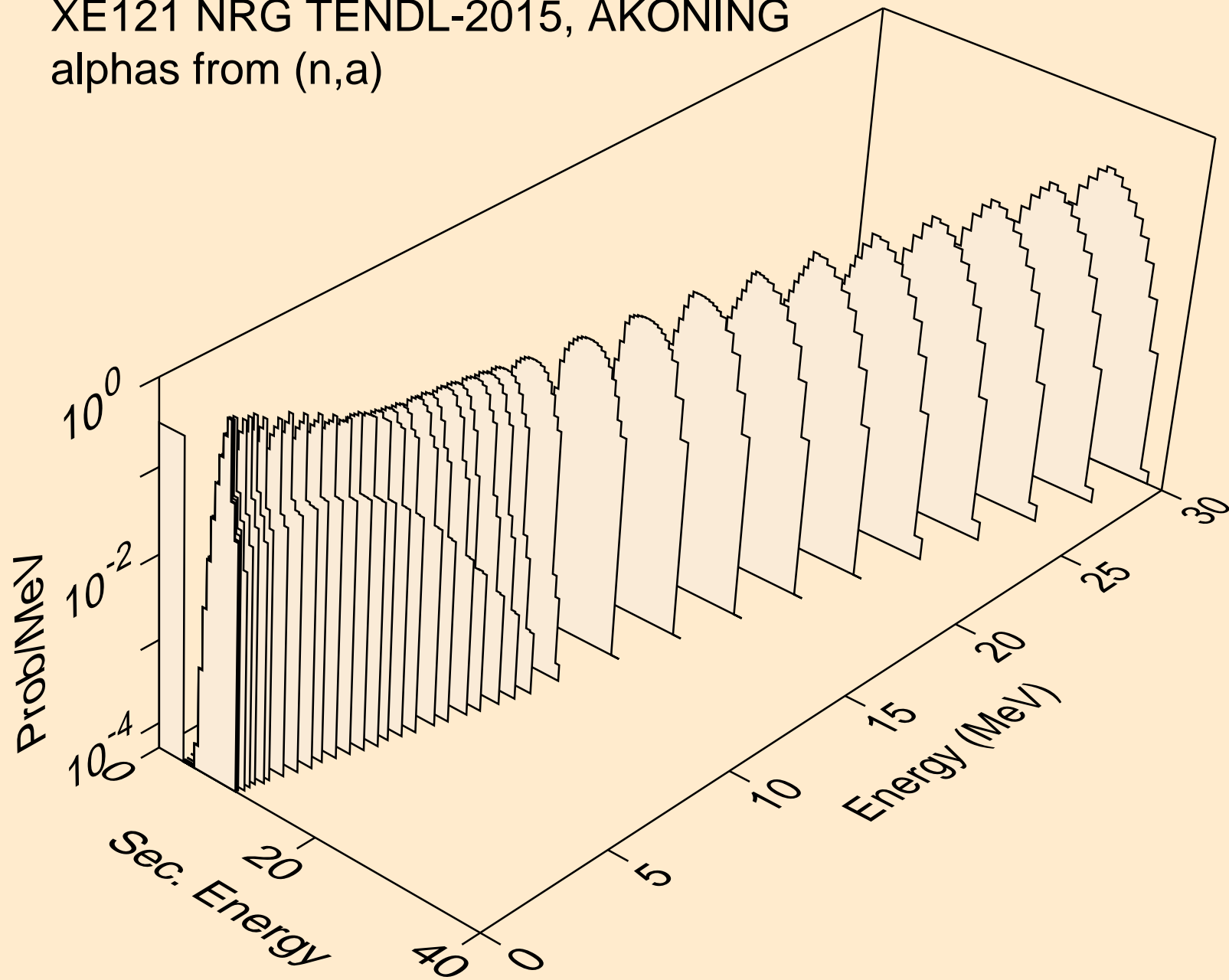
XE121 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



XE121 NRG TENDL-2015, AKONING  
alphas from (n,npa)

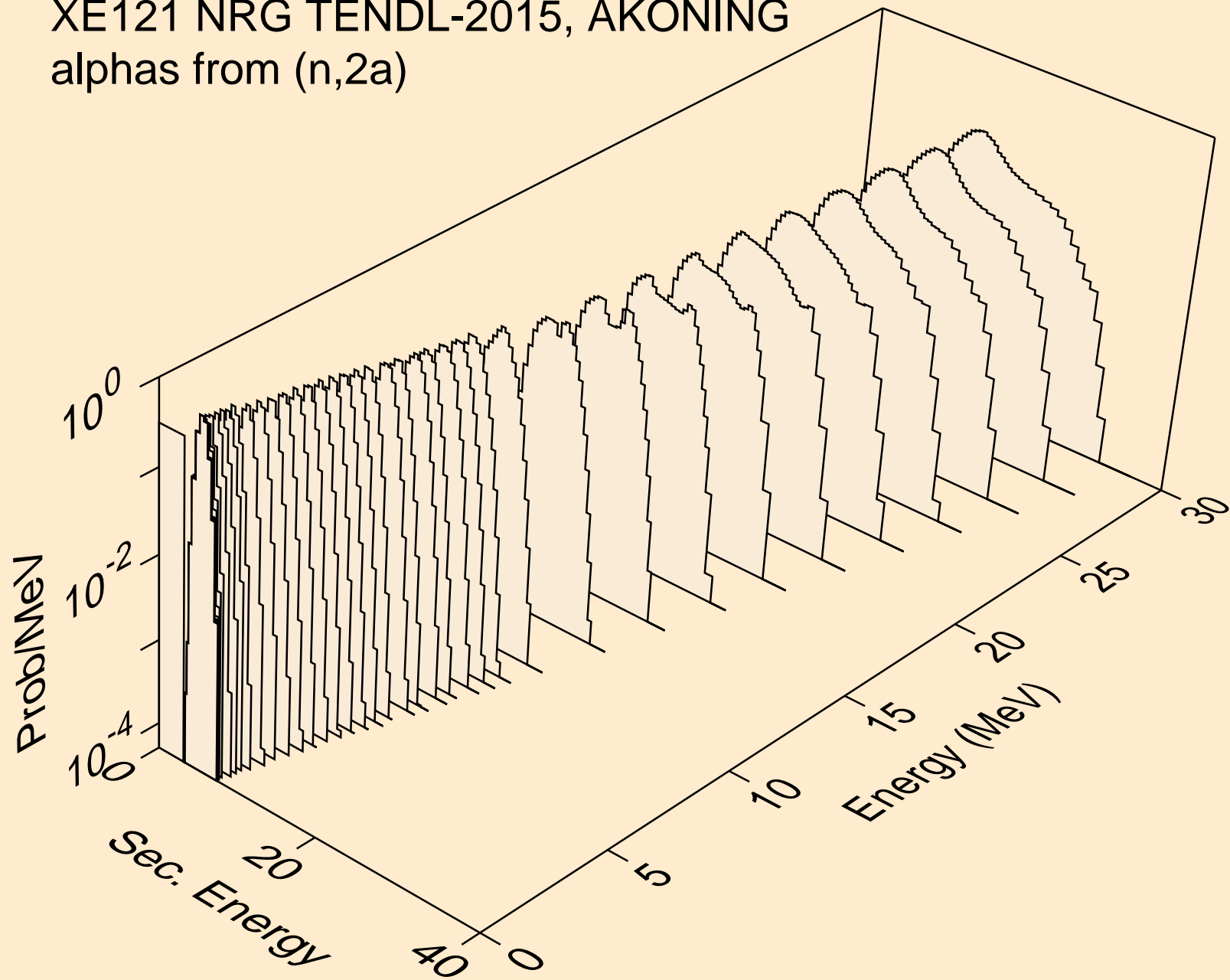


XE121 NRG TENDL-2015, AKONING  
alphas from (n,a)

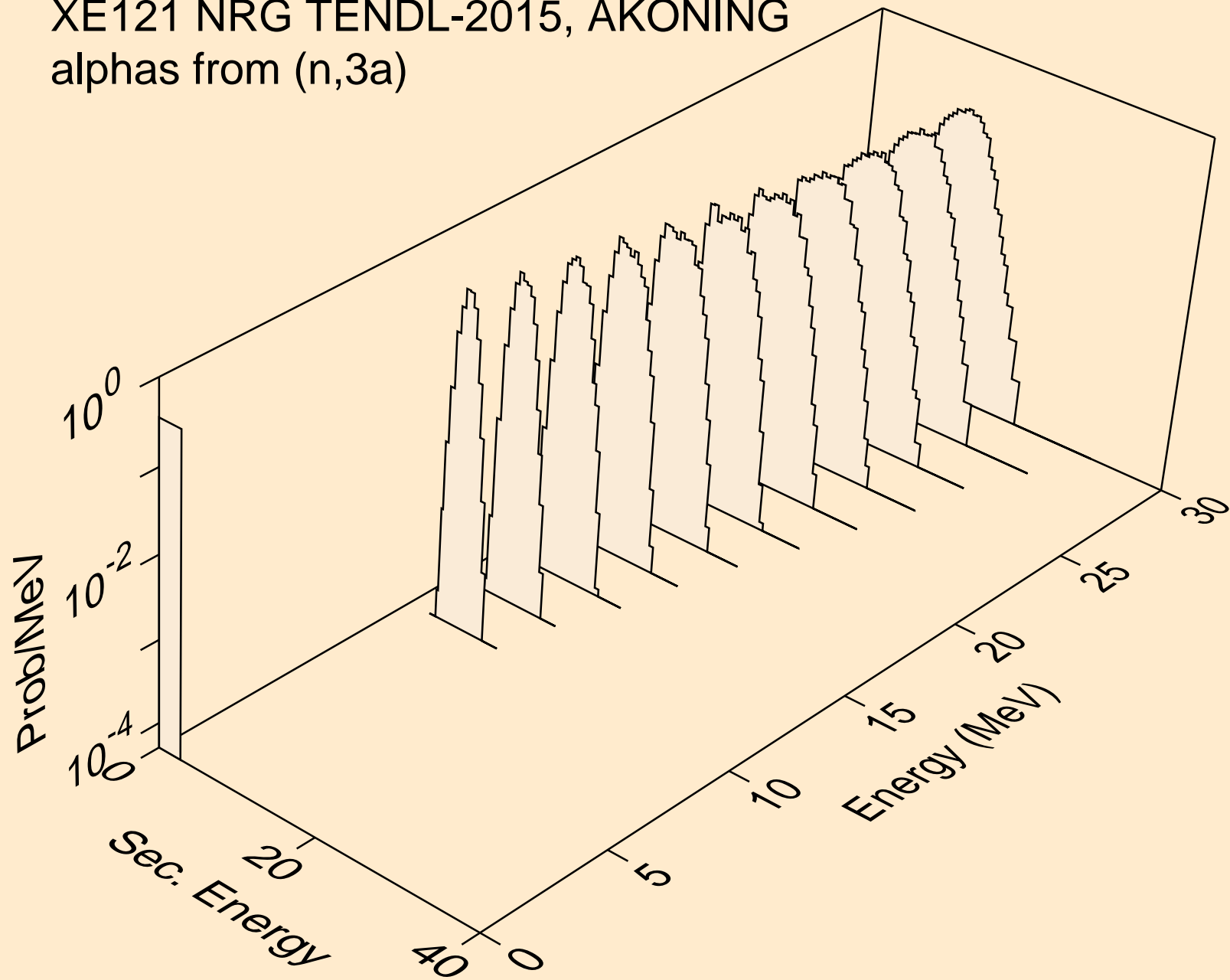




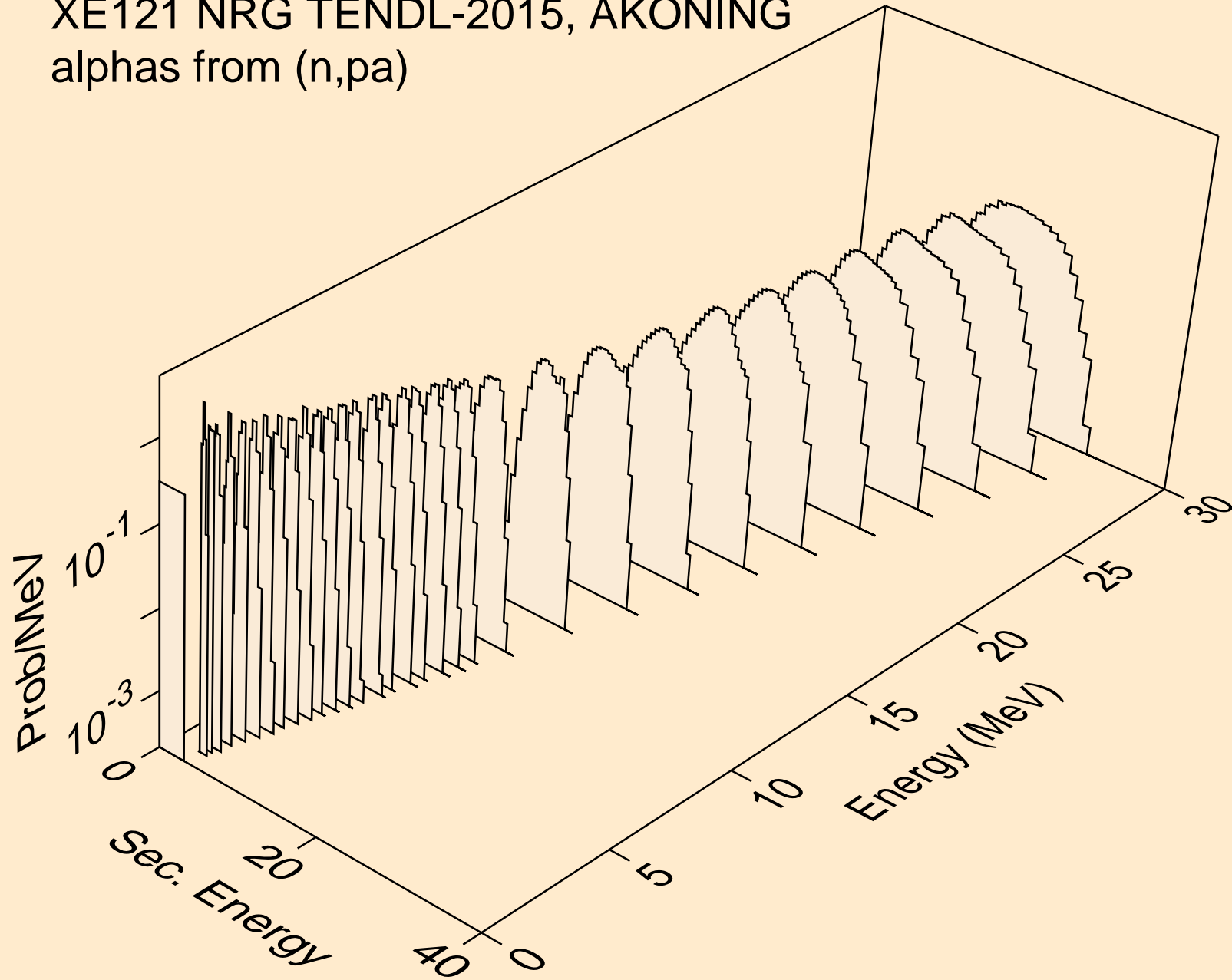
XE121 NRG TENDL-2015, AKONING  
alphas from (n,2a)



XE121 NRG TENDL-2015, AKONING  
alphas from (n,3a)



XE121 NRG TENDL-2015, AKONING  
alphas from (n,pa)



XE121 NRG TENDL-2015, AKONING  
alphas from (n,da)

