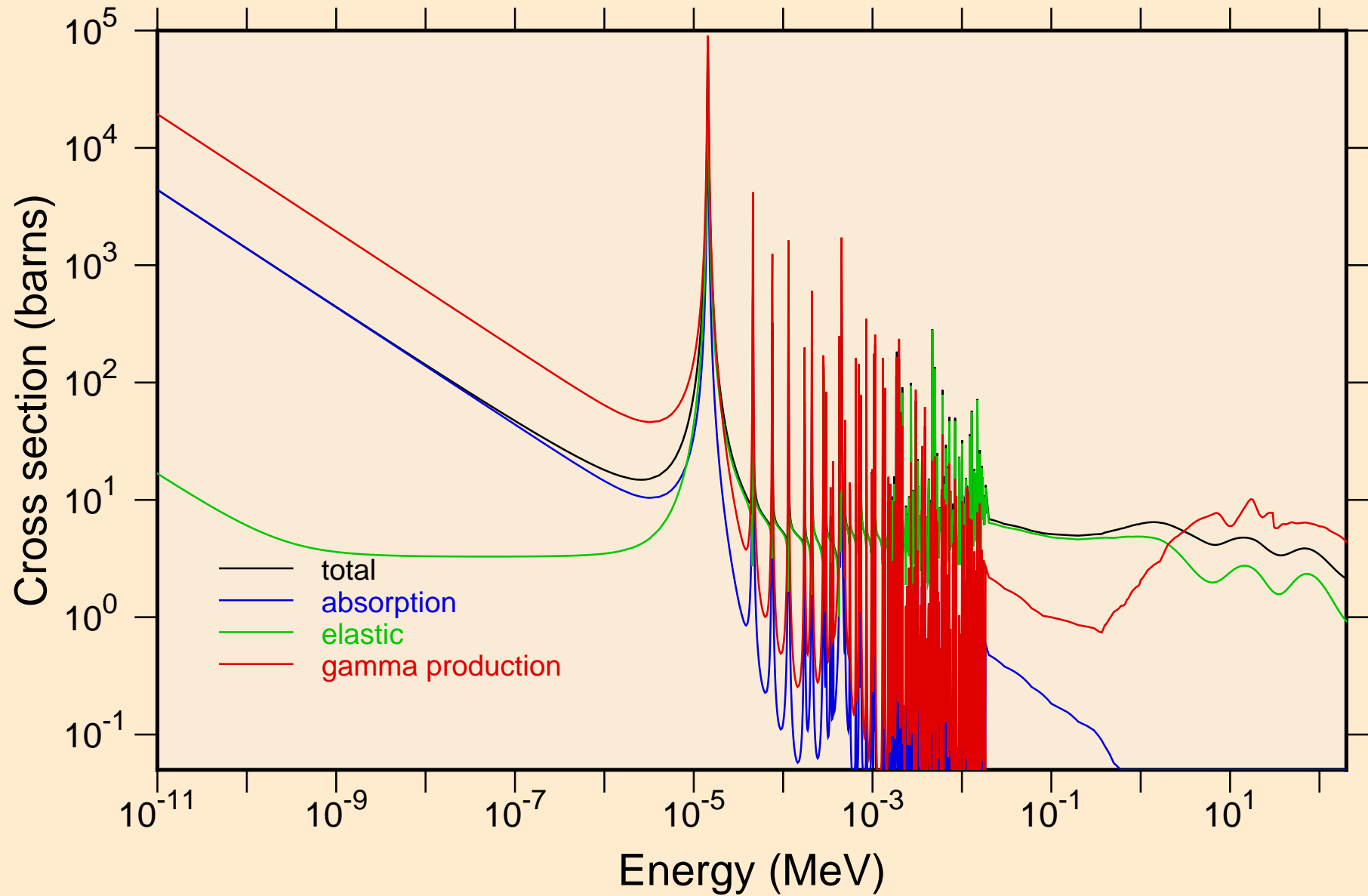
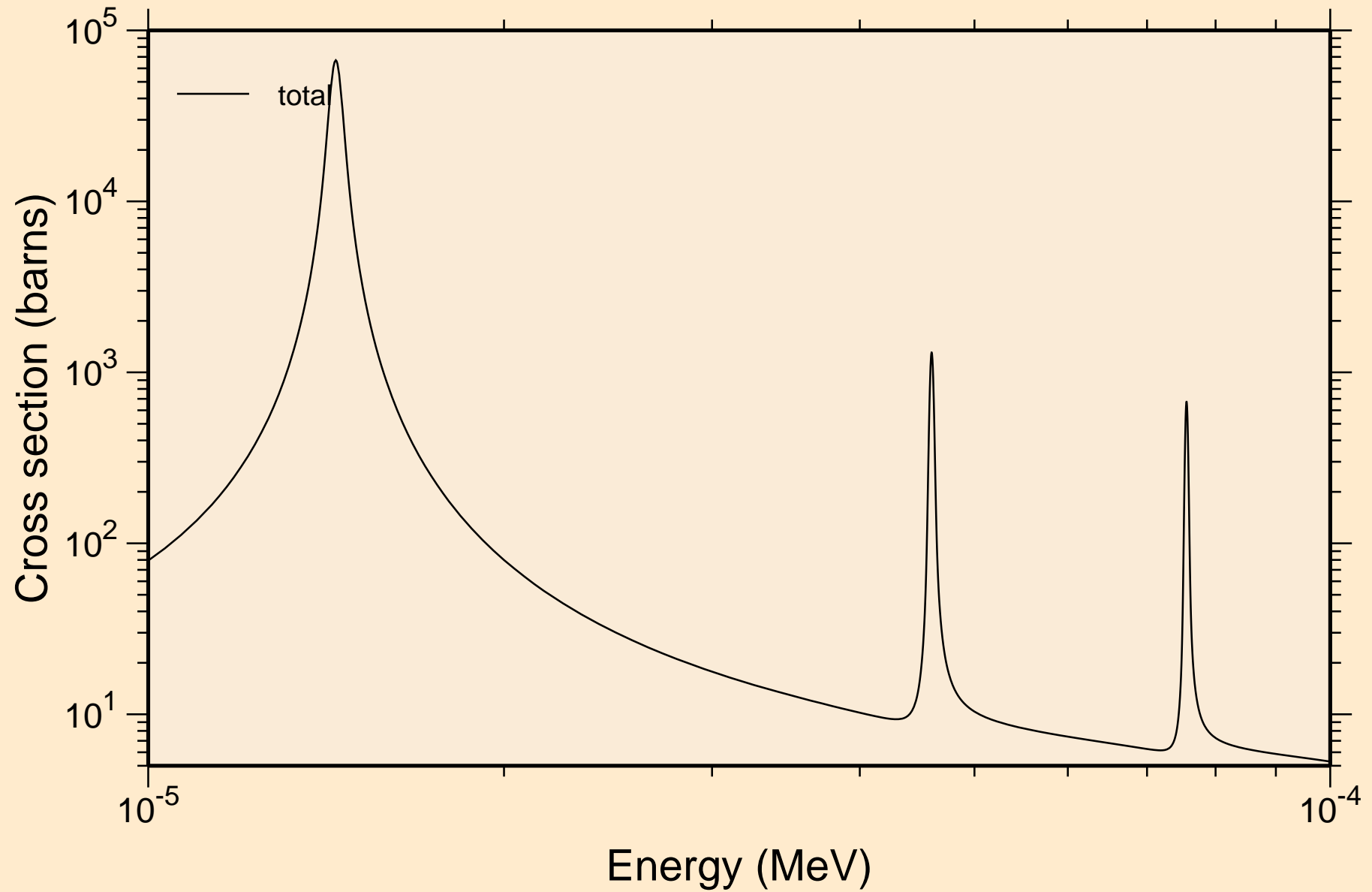


# XE131 NRG TENDL-2015, AKONING

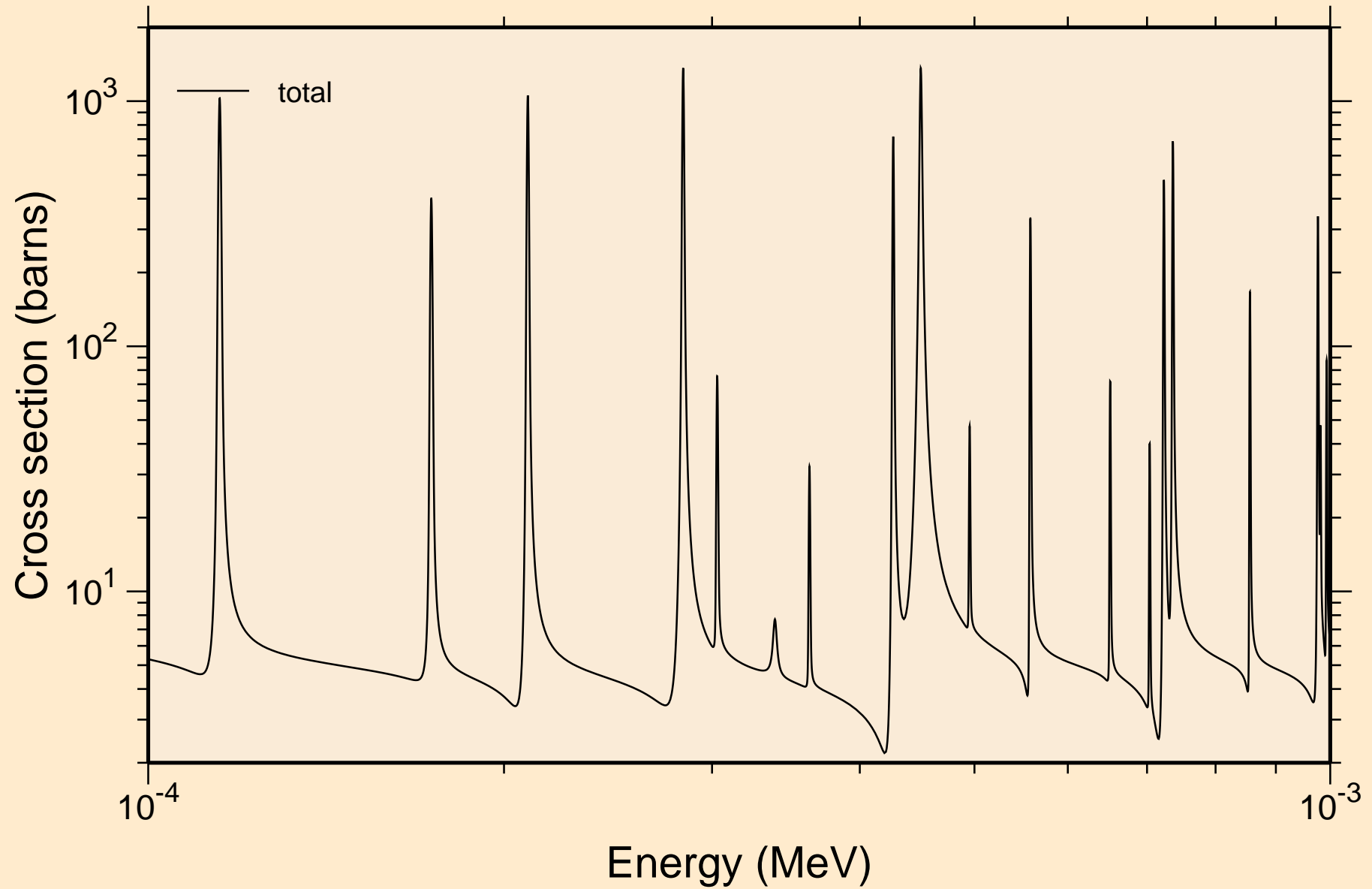
## Principal cross sections



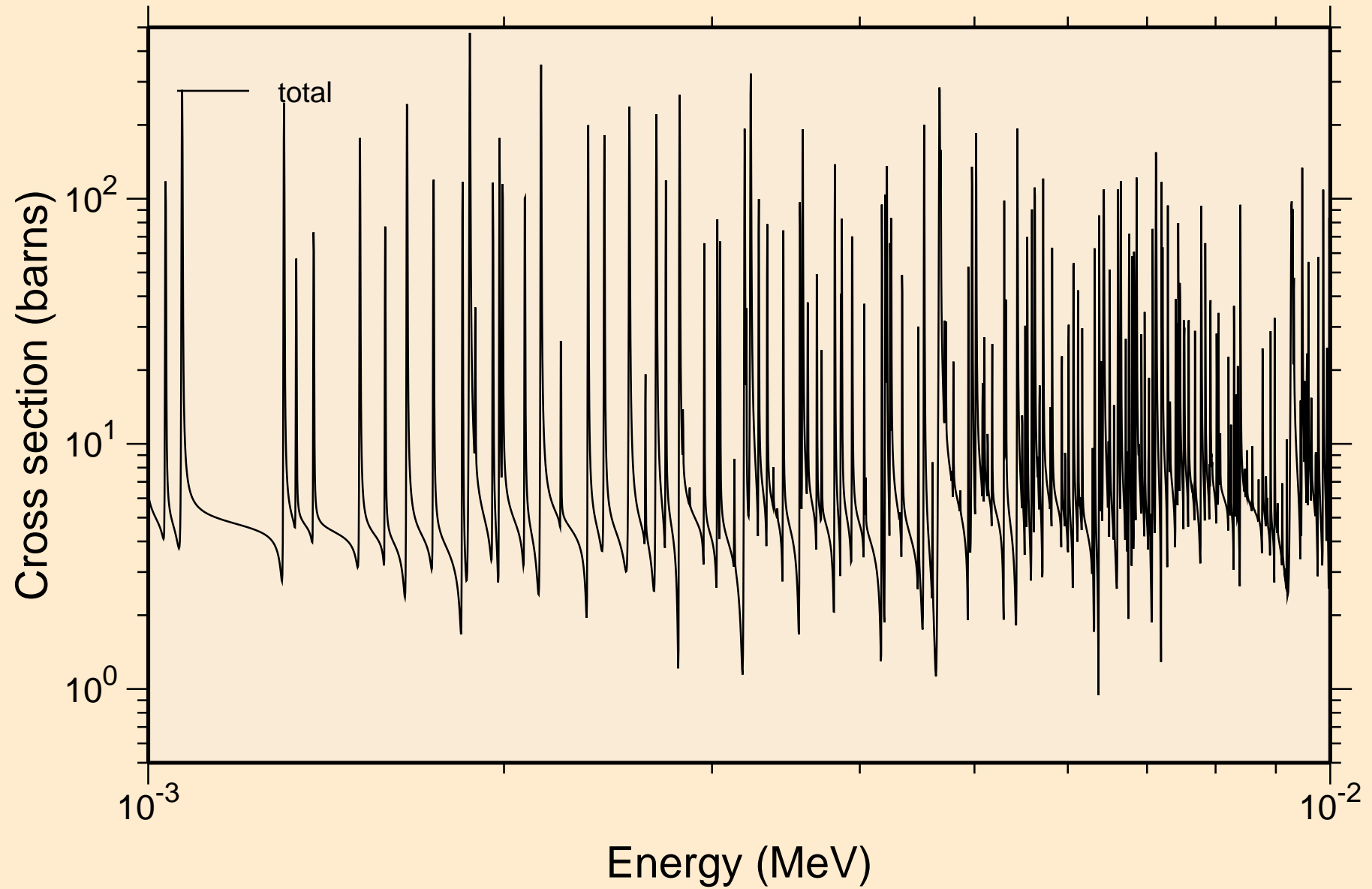
XE131 NRG TENDL-2015, AKONING  
resonance total cross section



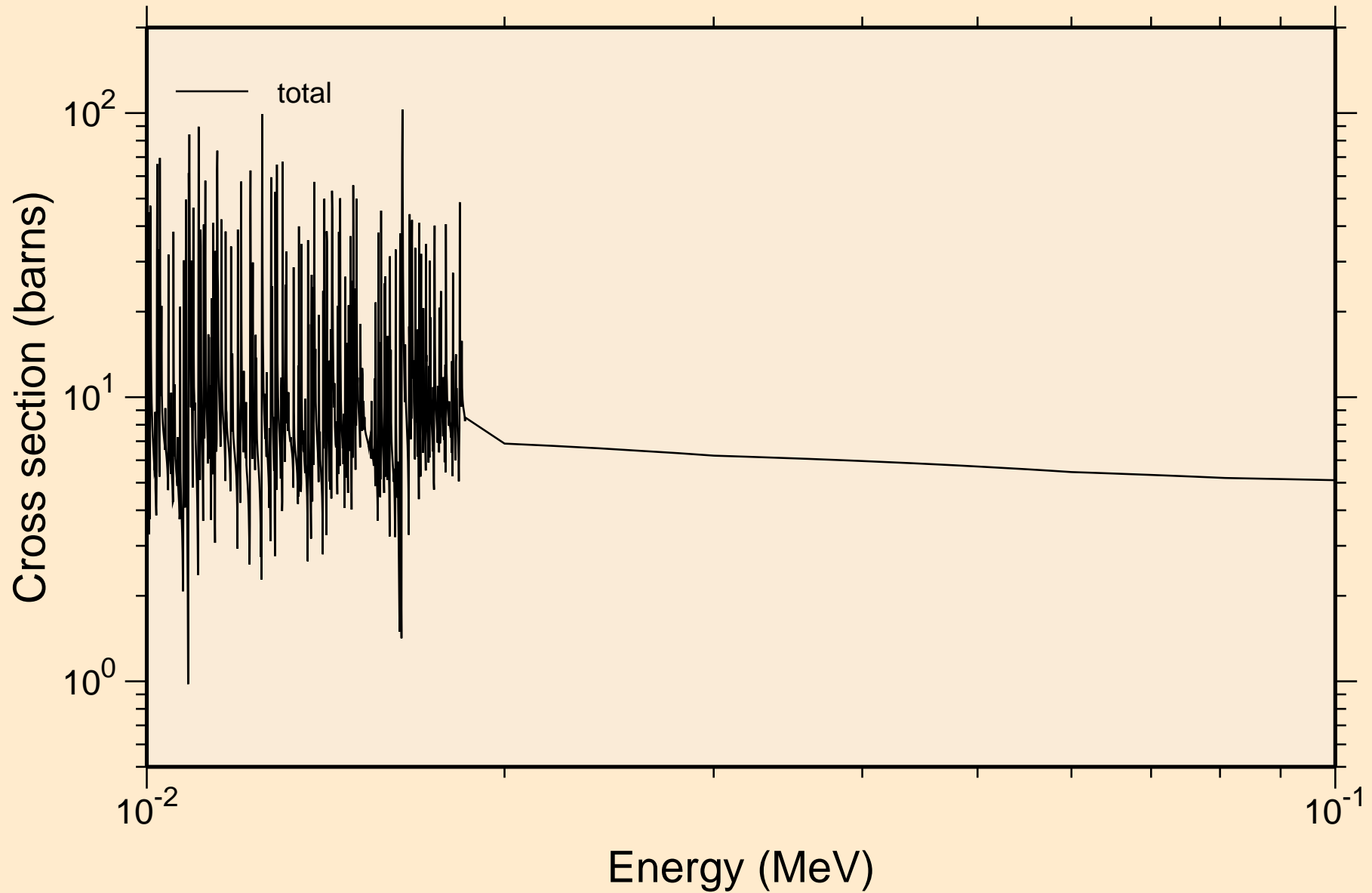
XE131 NRG TENDL-2015, AKONING  
resonance total cross section



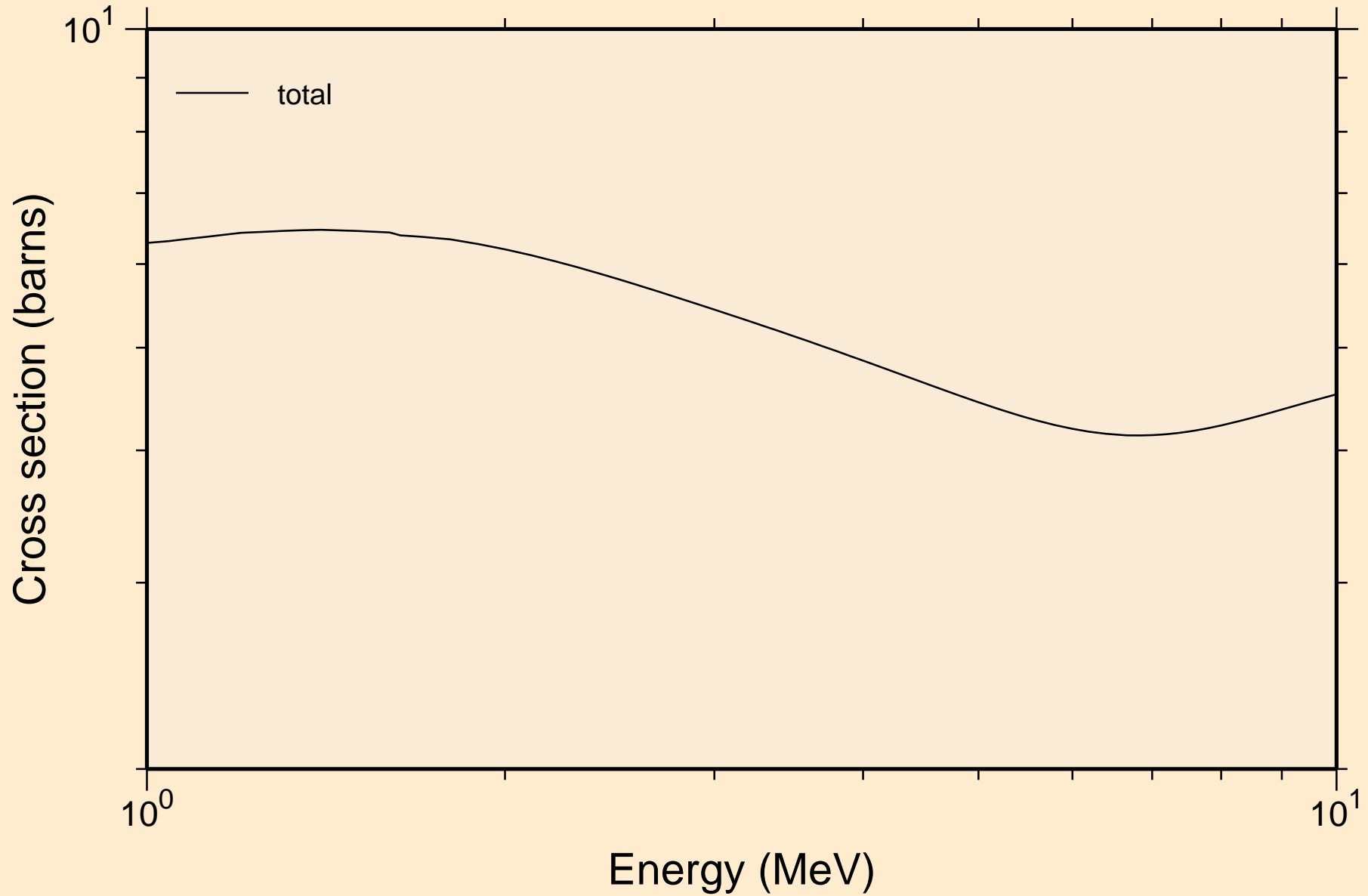
XE131 NRG TENDL-2015, AKONING  
resonance total cross section



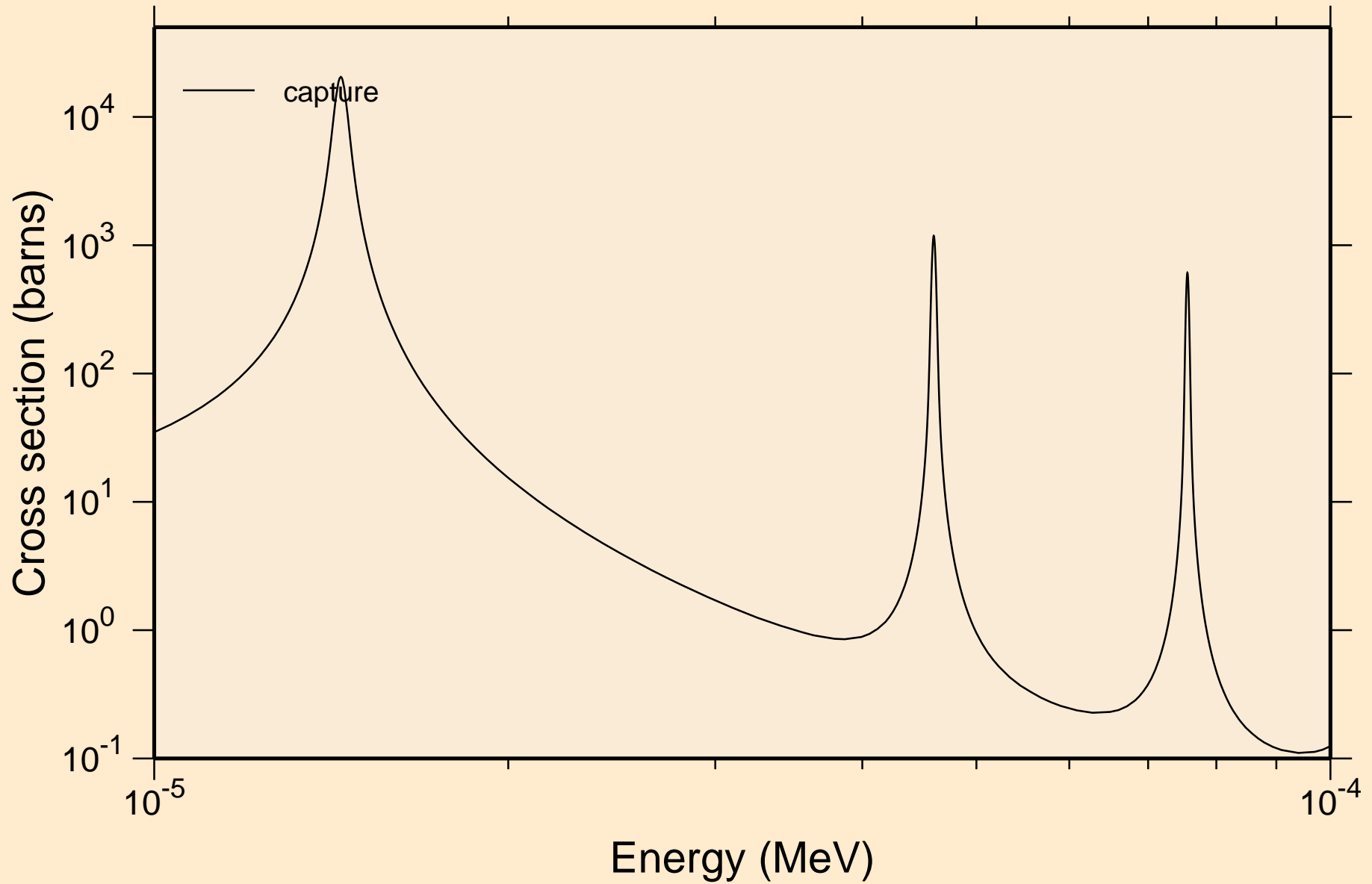
XE131 NRG TENDL-2015, AKONING  
resonance total cross section



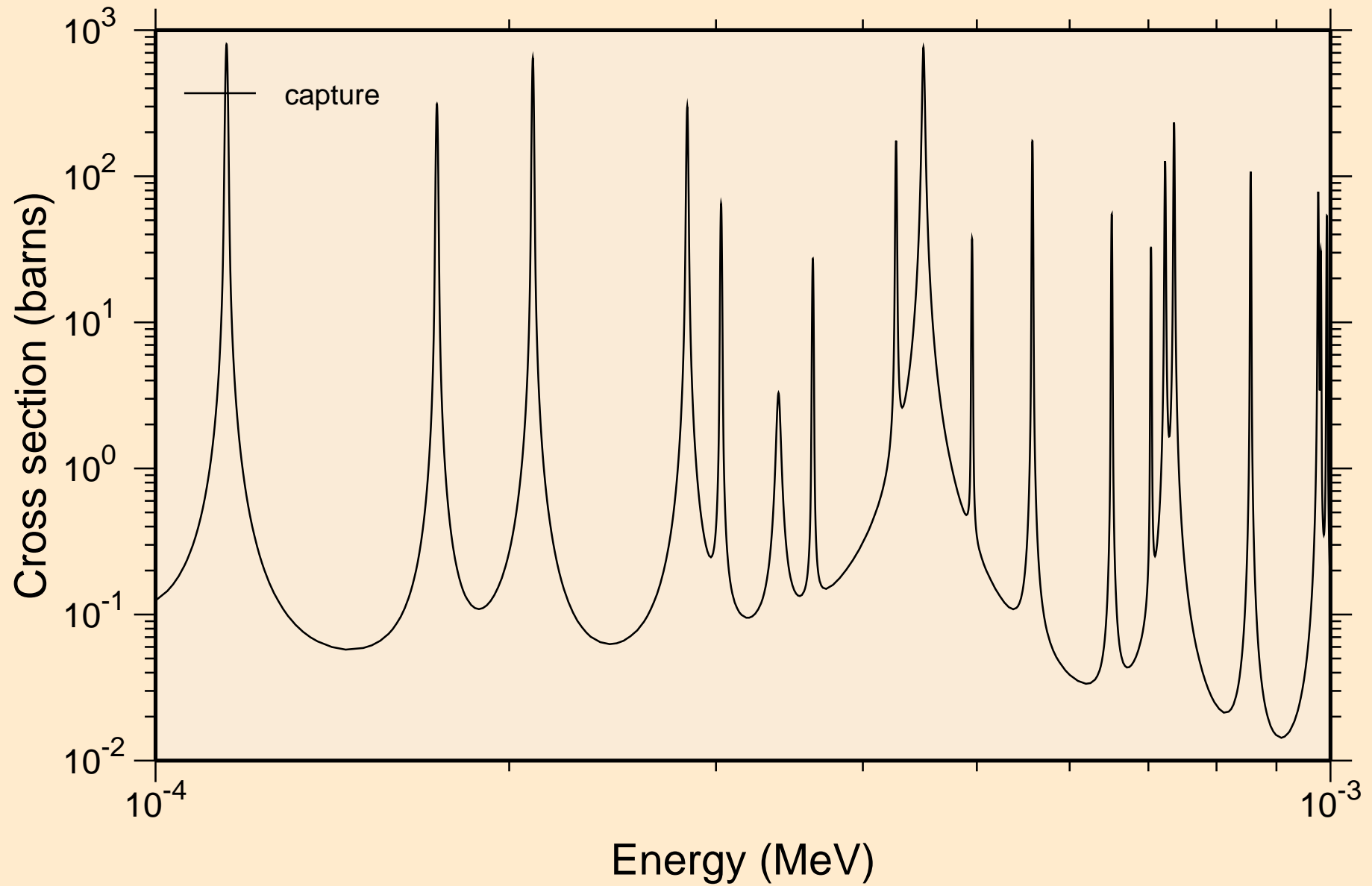
XE131 NRG TENDL-2015, AKONING  
resonance total cross section



XE131 NRG TENDL-2015, AKONING  
resonance absorption cross sections

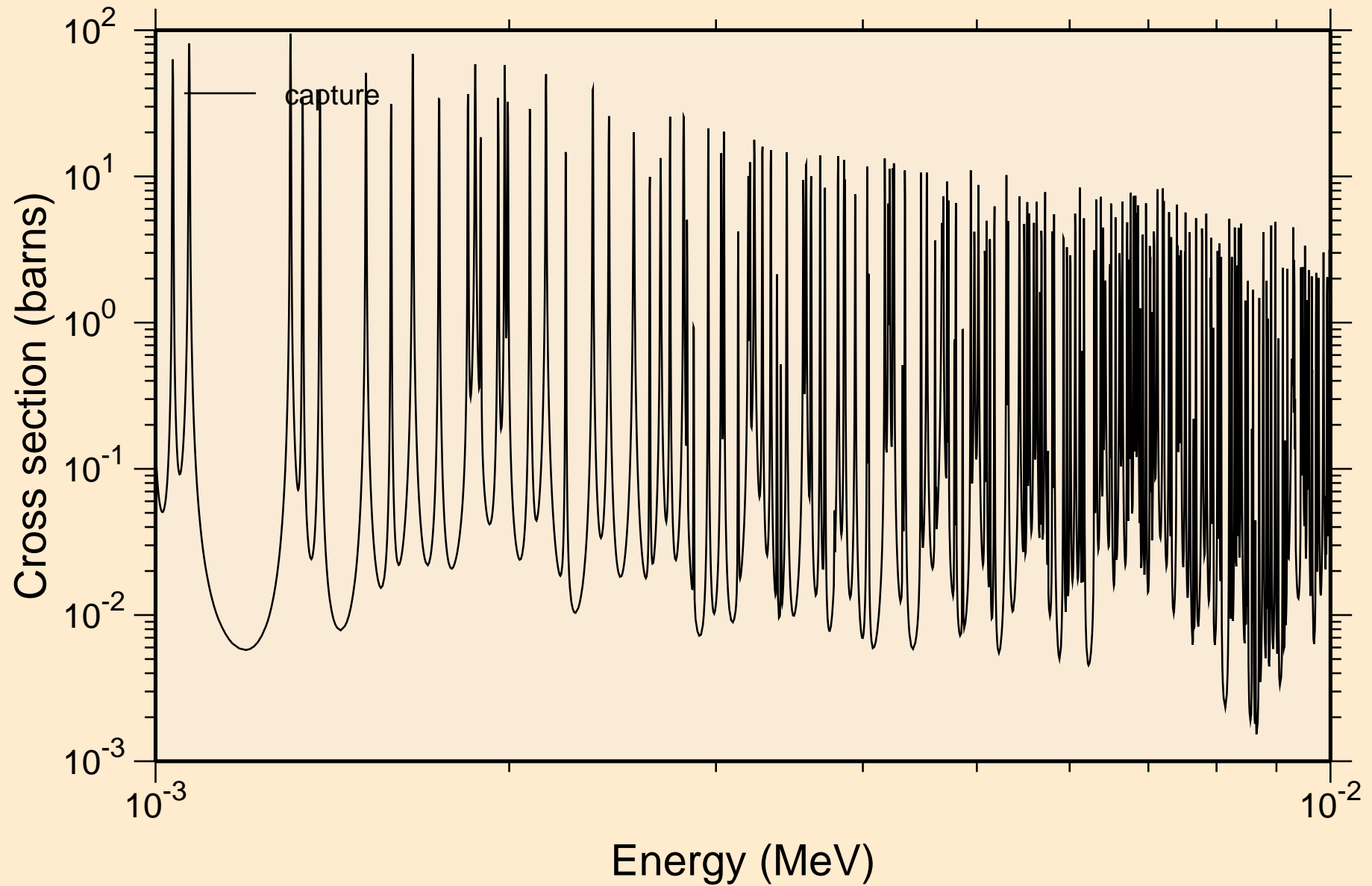


# XE131 NRG TENDL-2015, AKONING resonance absorption cross sections

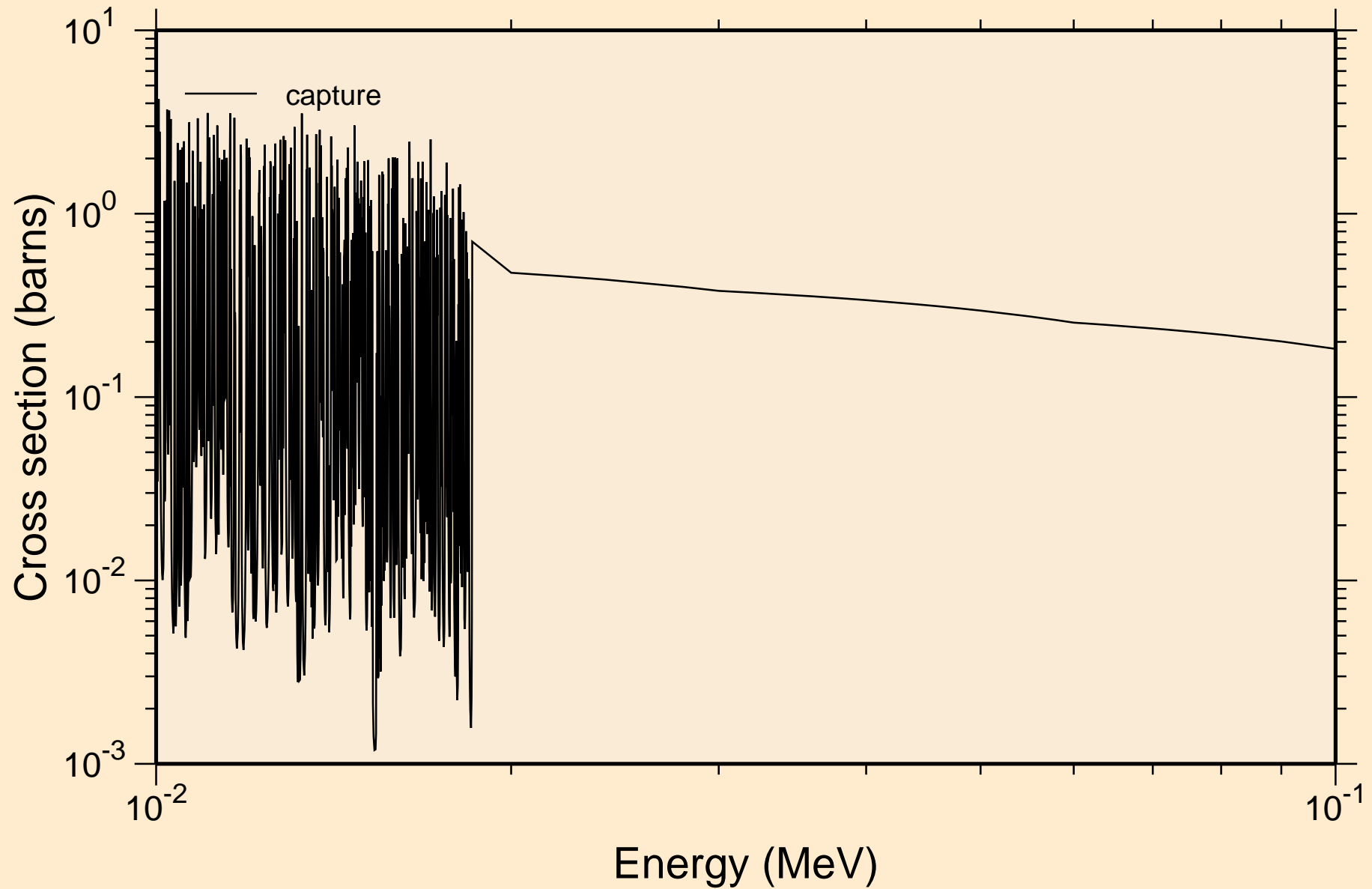




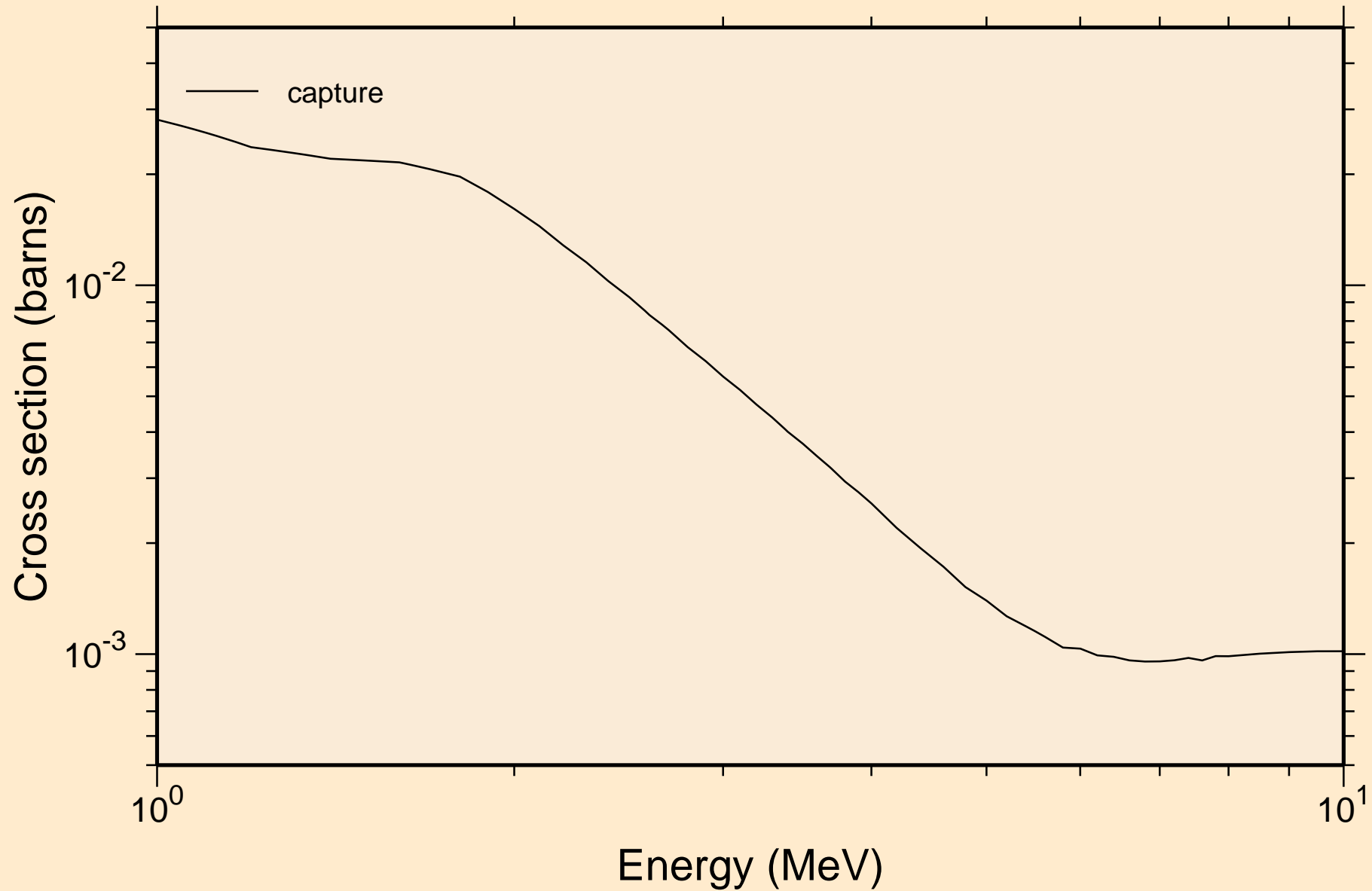
XE131 NRG TENDL-2015, AKONING  
resonance absorption cross sections



XE131 NRG TENDL-2015, AKONING  
resonance absorption cross sections

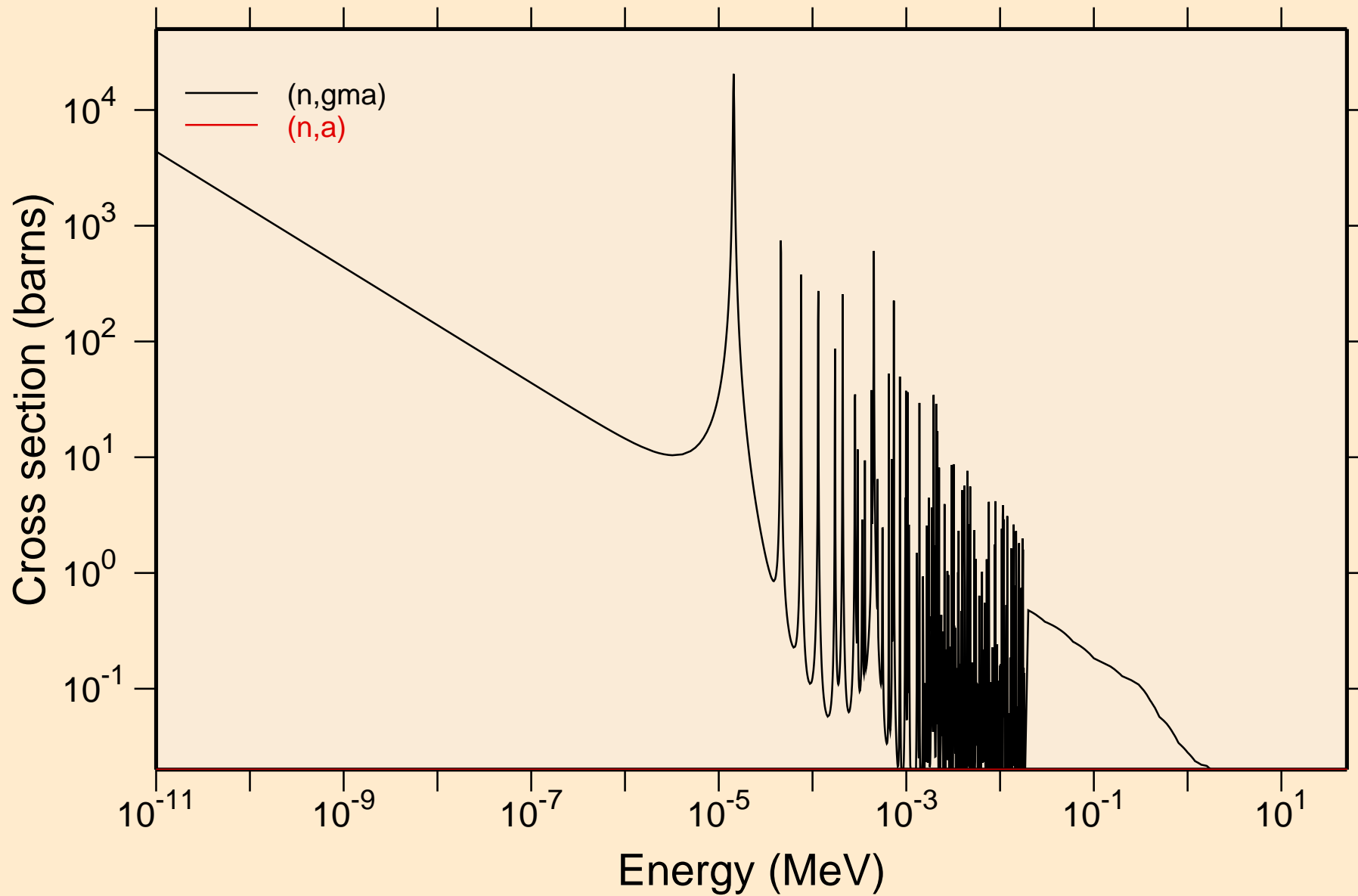


XE131 NRG TENDL-2015, AKONING  
resonance absorption cross sections



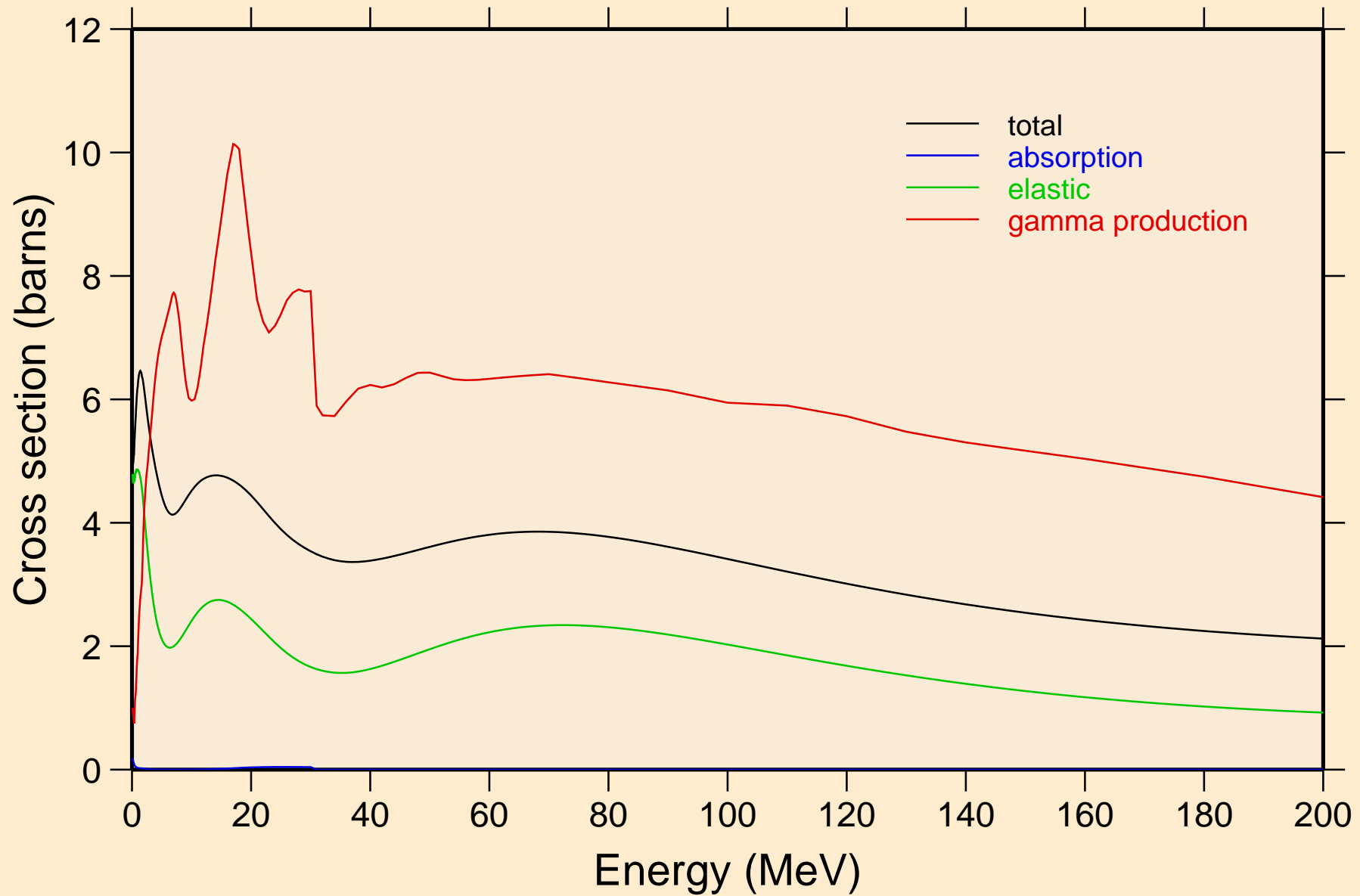
# XE131 NRG TENDL-2015, AKONING

## Non-threshold reactions



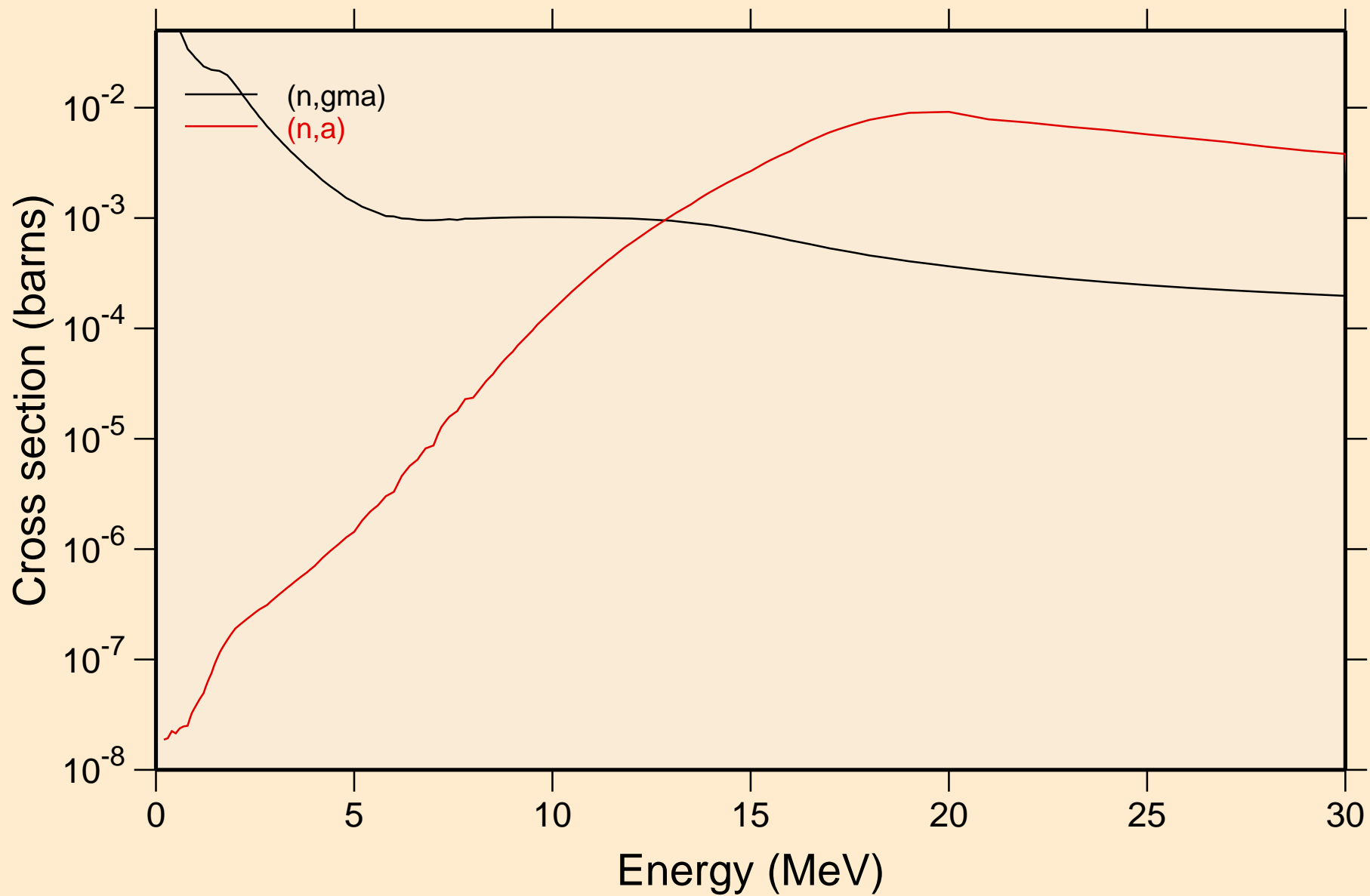
# XE131 NRG TENDL-2015, AKONING

## Principal cross sections



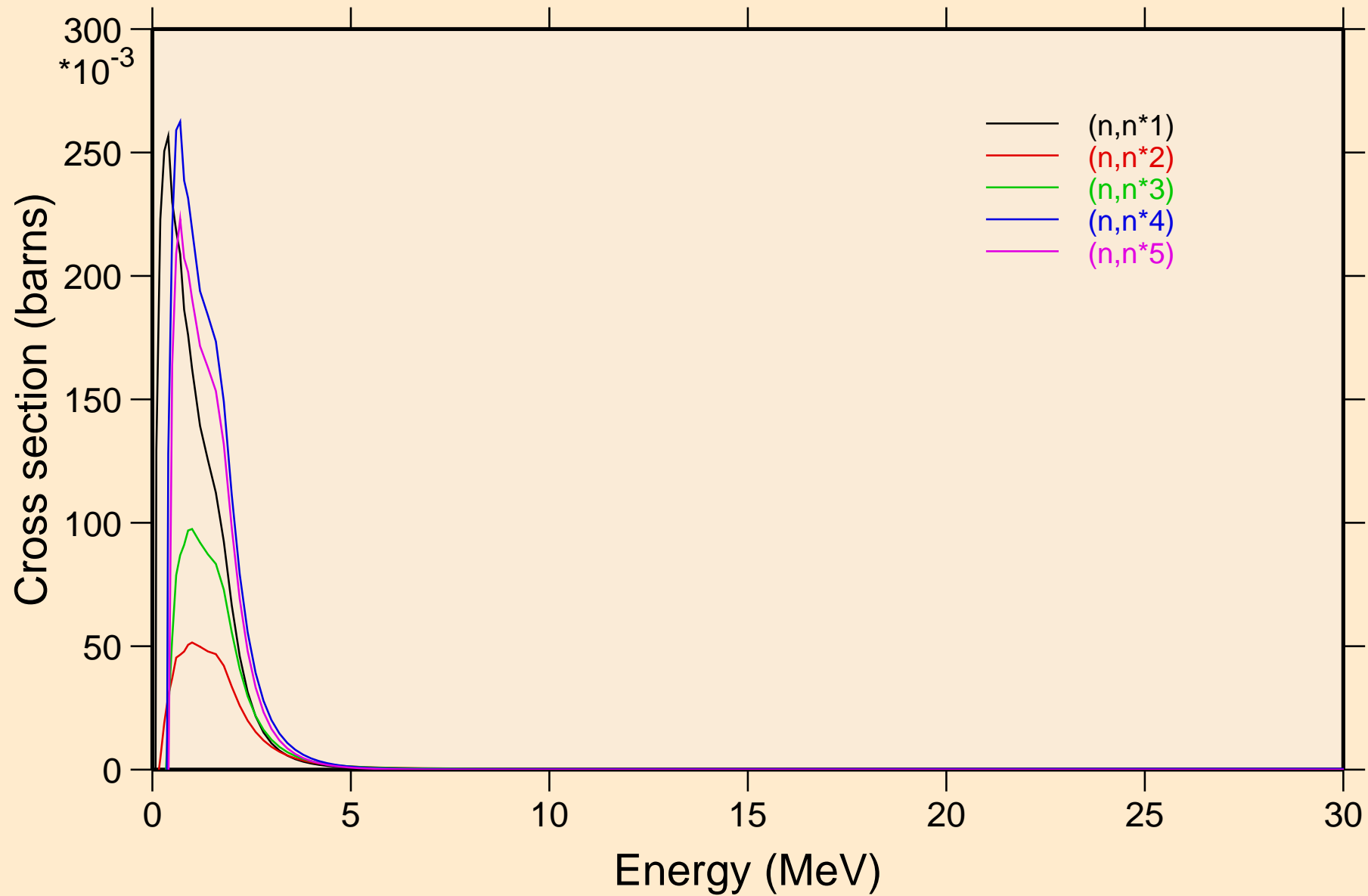
# XE131 NRG TENDL-2015, AKONING

## Non-threshold reactions



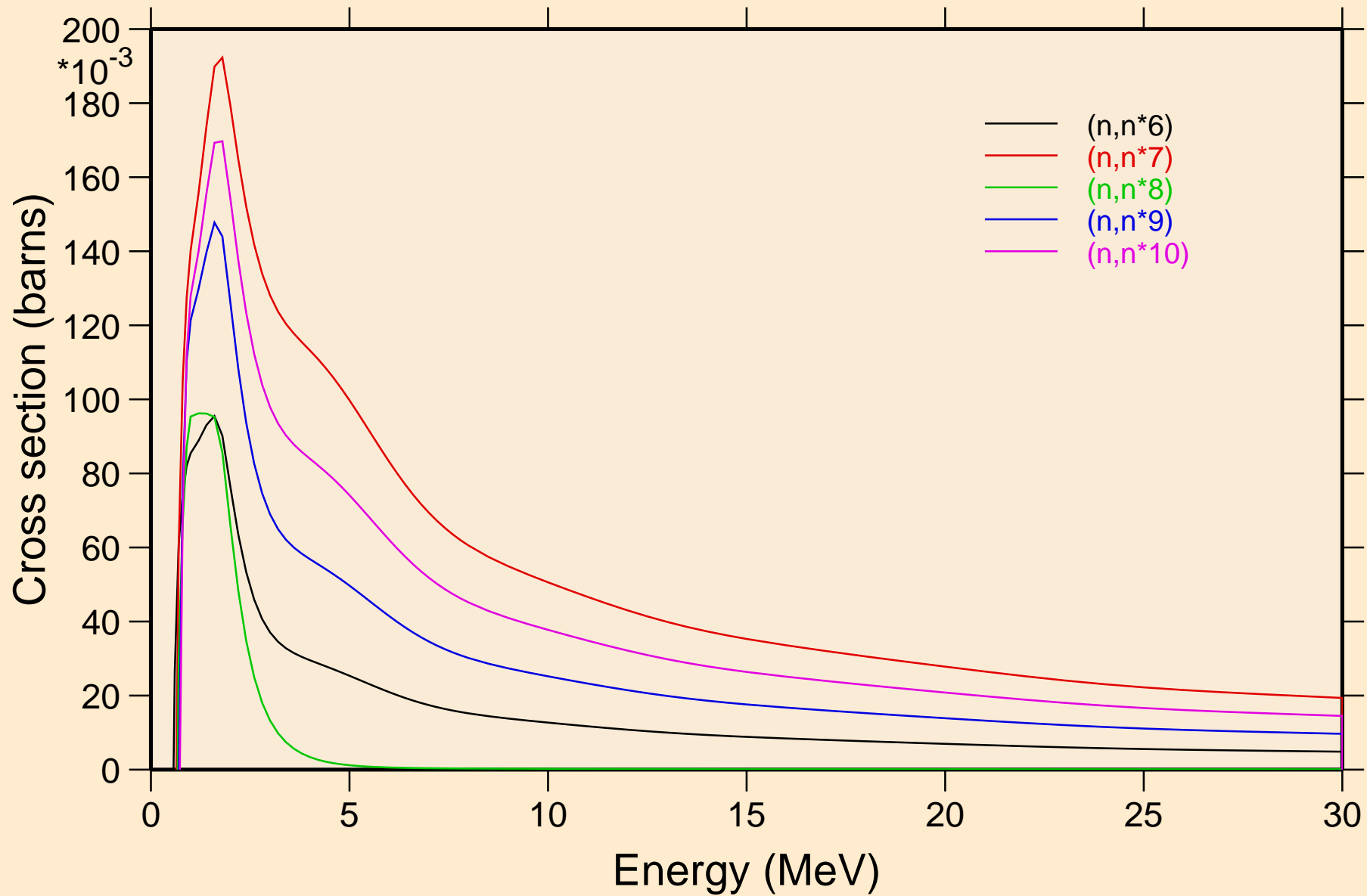
# XE131 NRG TENDL-2015, AKONING

## Inelastic levels



# XE131 NRG TENDL-2015, AKONING

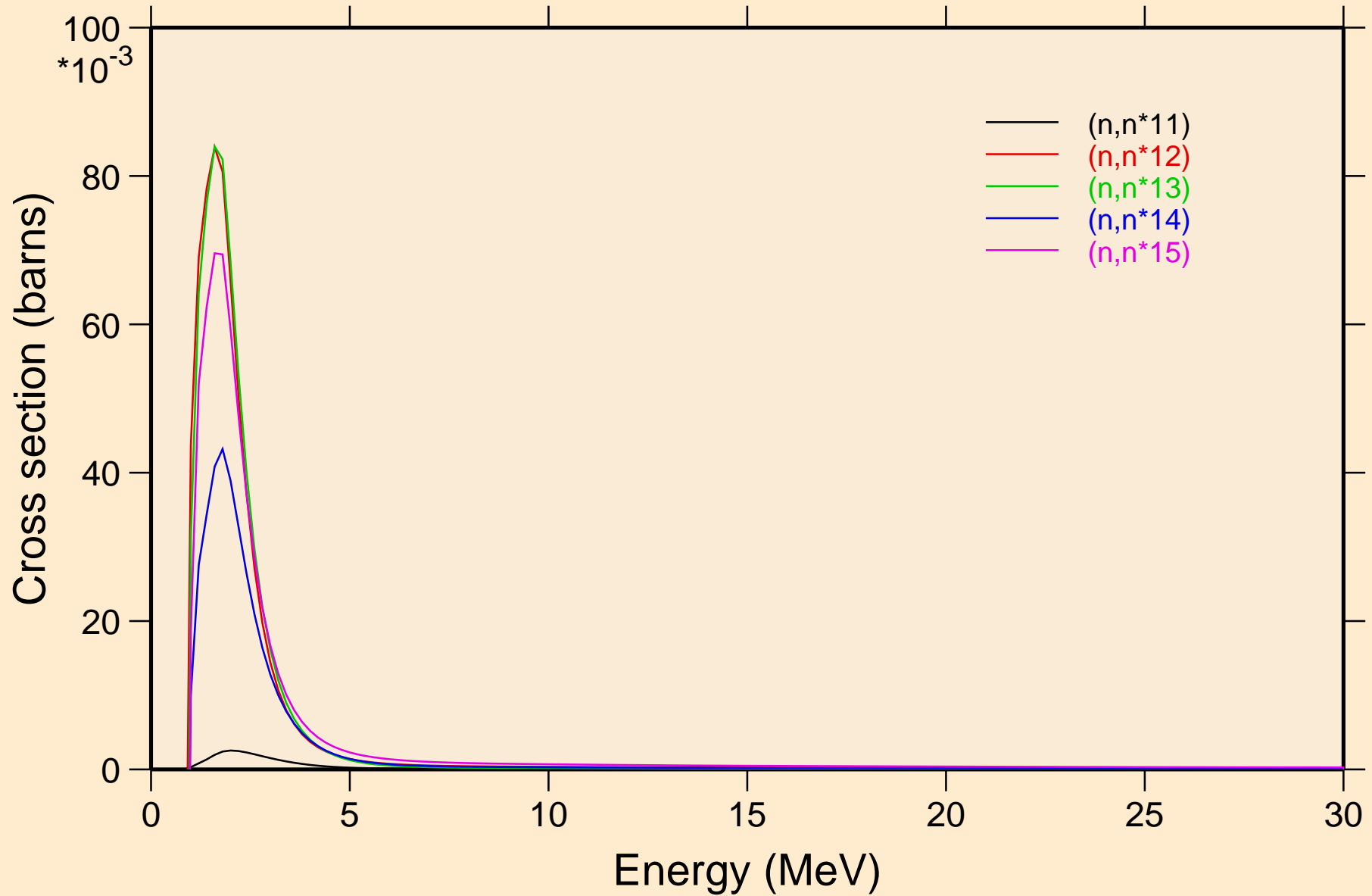
## Inelastic levels





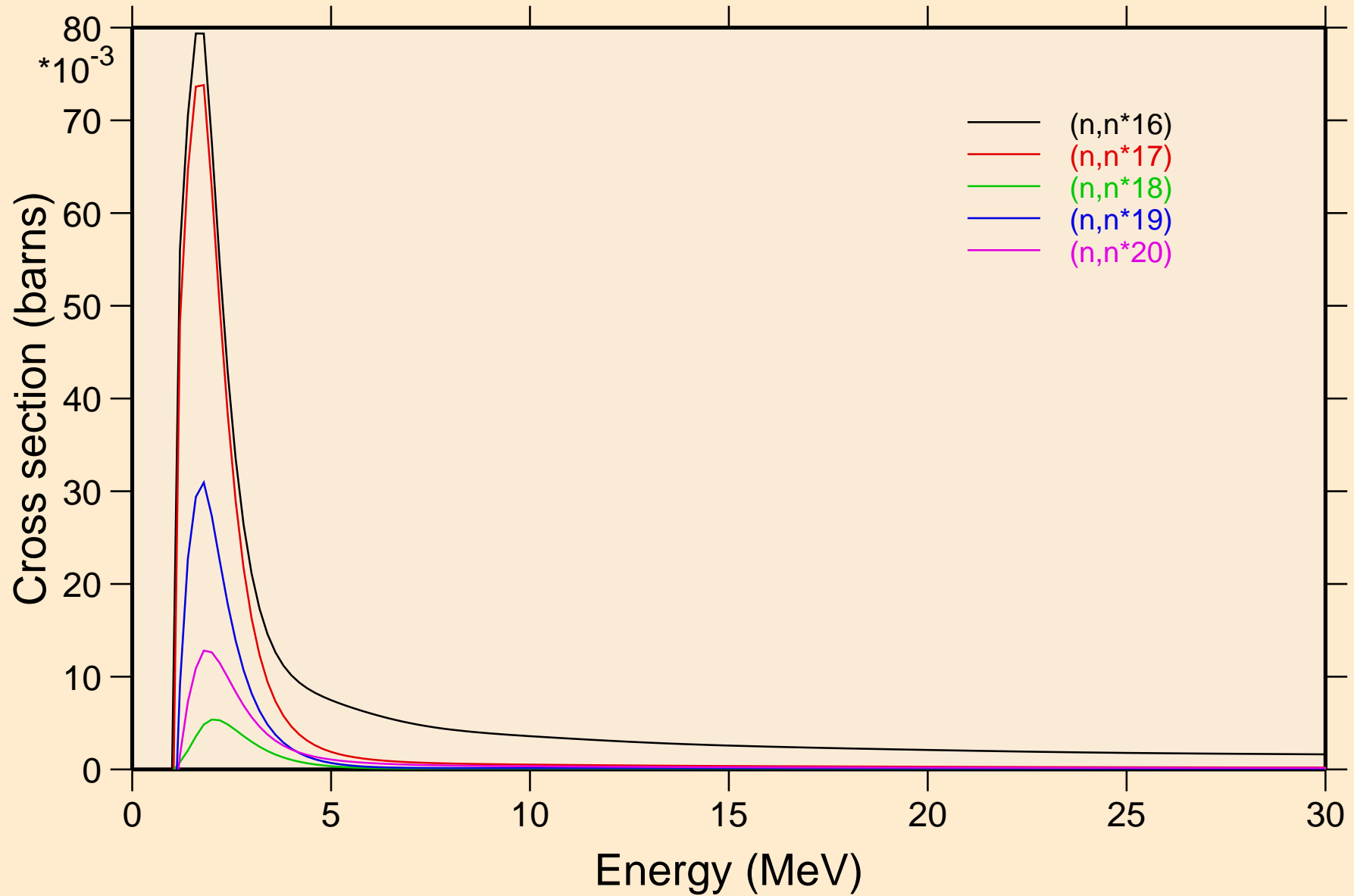
# XE131 NRG TENDL-2015, AKONING

## Inelastic levels



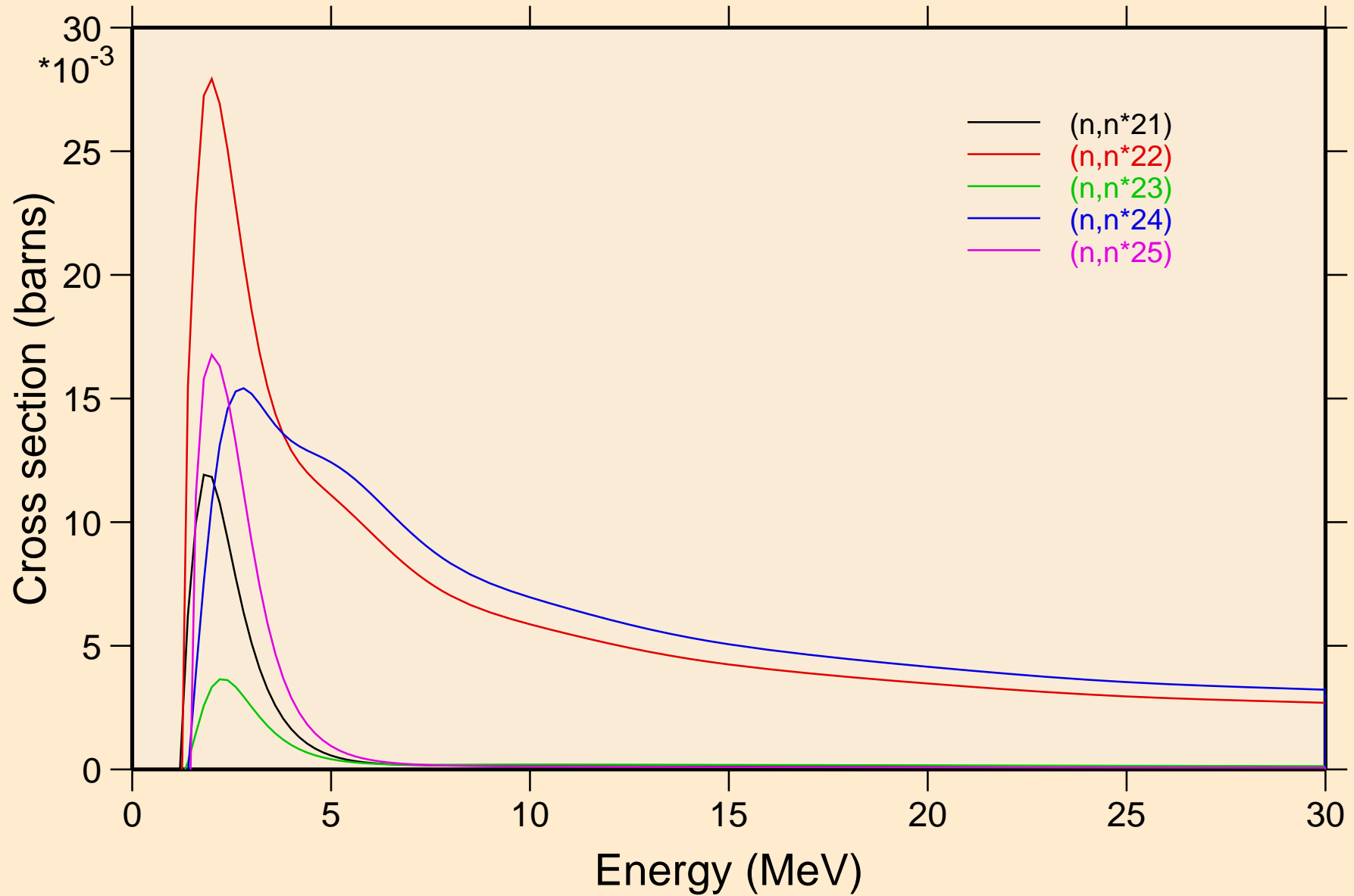
# XE131 NRG TENDL-2015, AKONING

## Inelastic levels



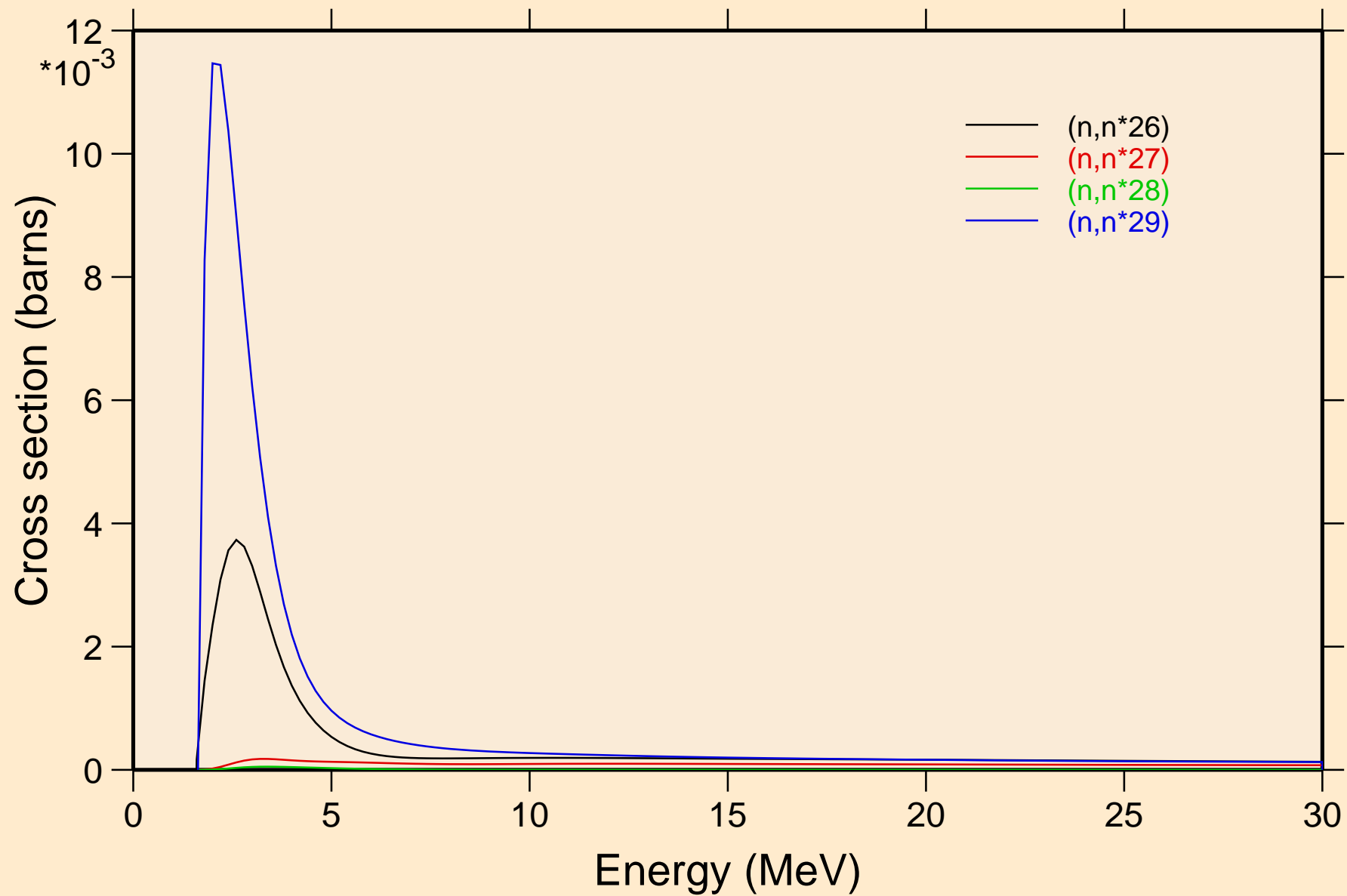
# XE131 NRG TENDL-2015, AKONING

## Inelastic levels



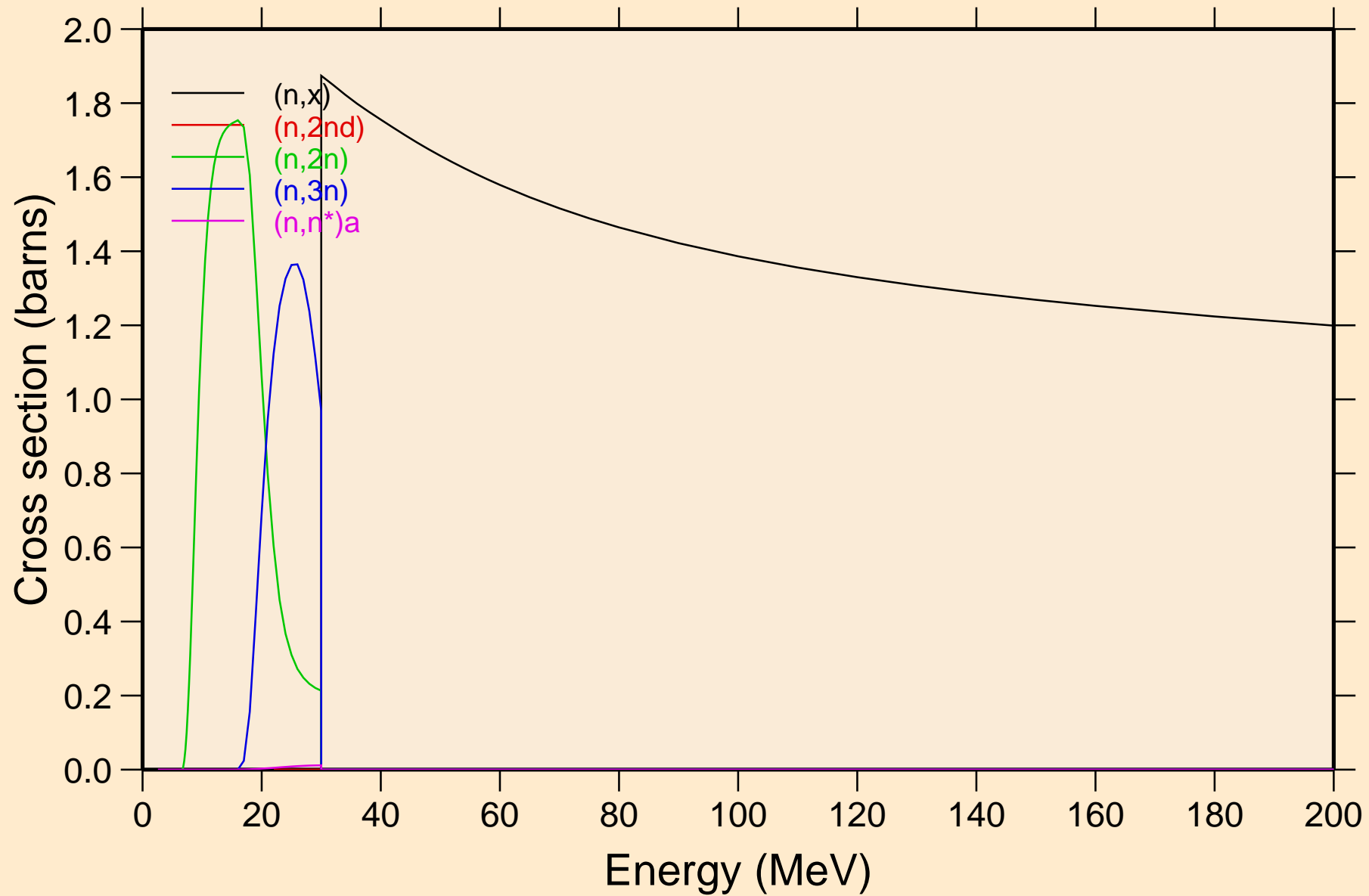
# XE131 NRG TENDL-2015, AKONING

## Inelastic levels



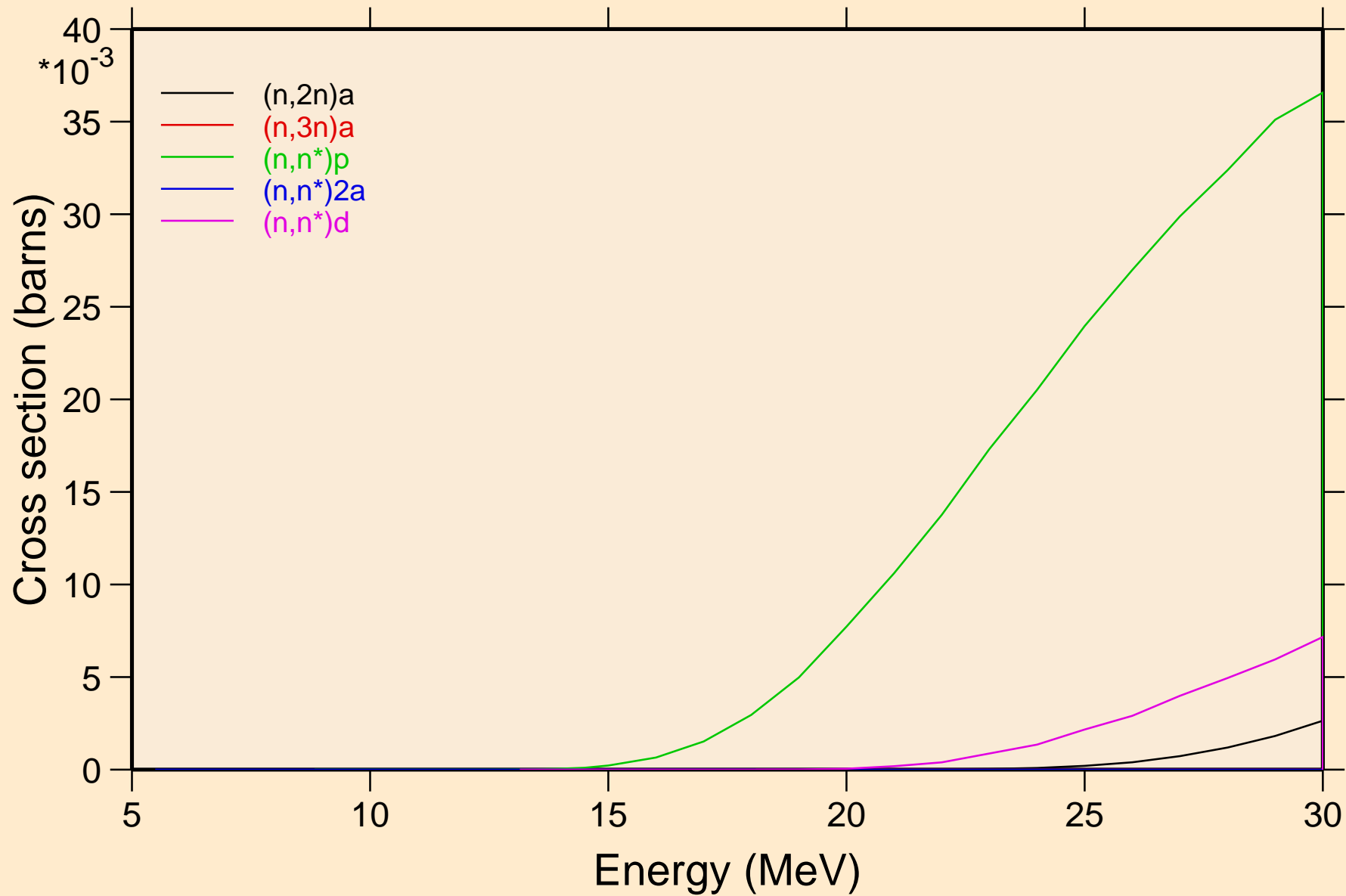
# XE131 NRG TENDL-2015, AKONING

## Threshold reactions



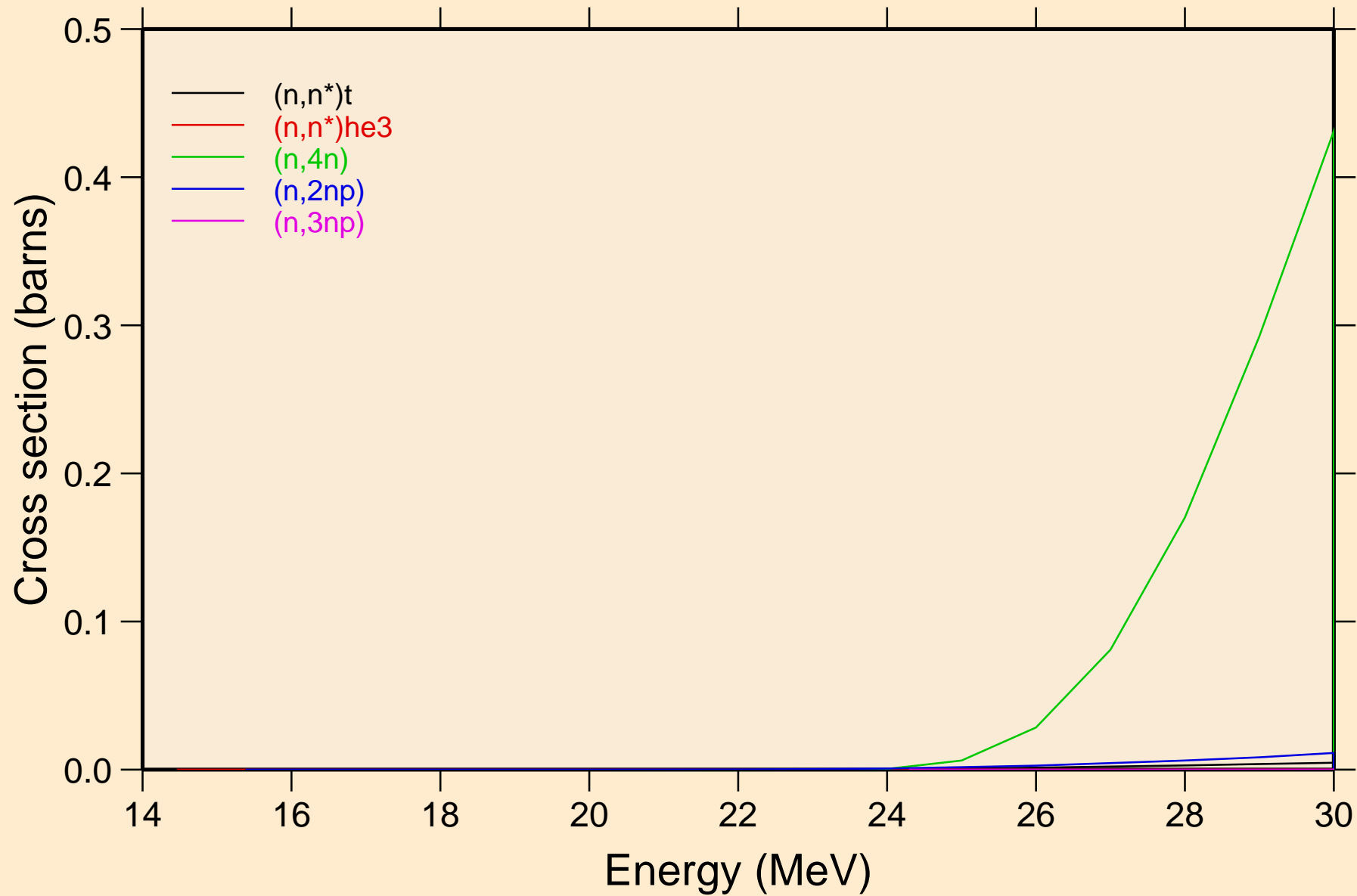
# XE131 NRG TENDL-2015, AKONING

## Threshold reactions



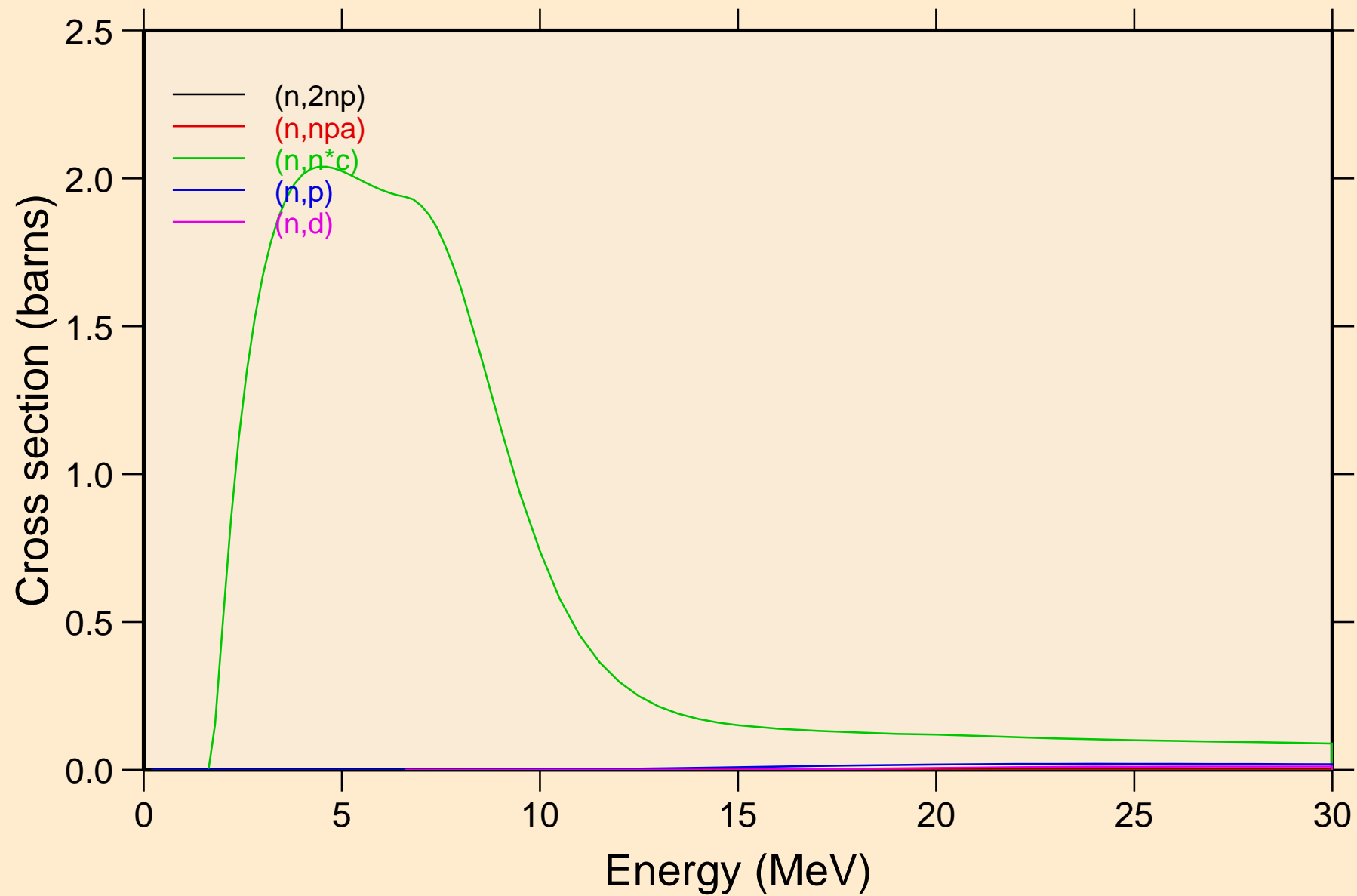
# XE131 NRG TENDL-2015, AKONING

## Threshold reactions



# XE131 NRG TENDL-2015, AKONING

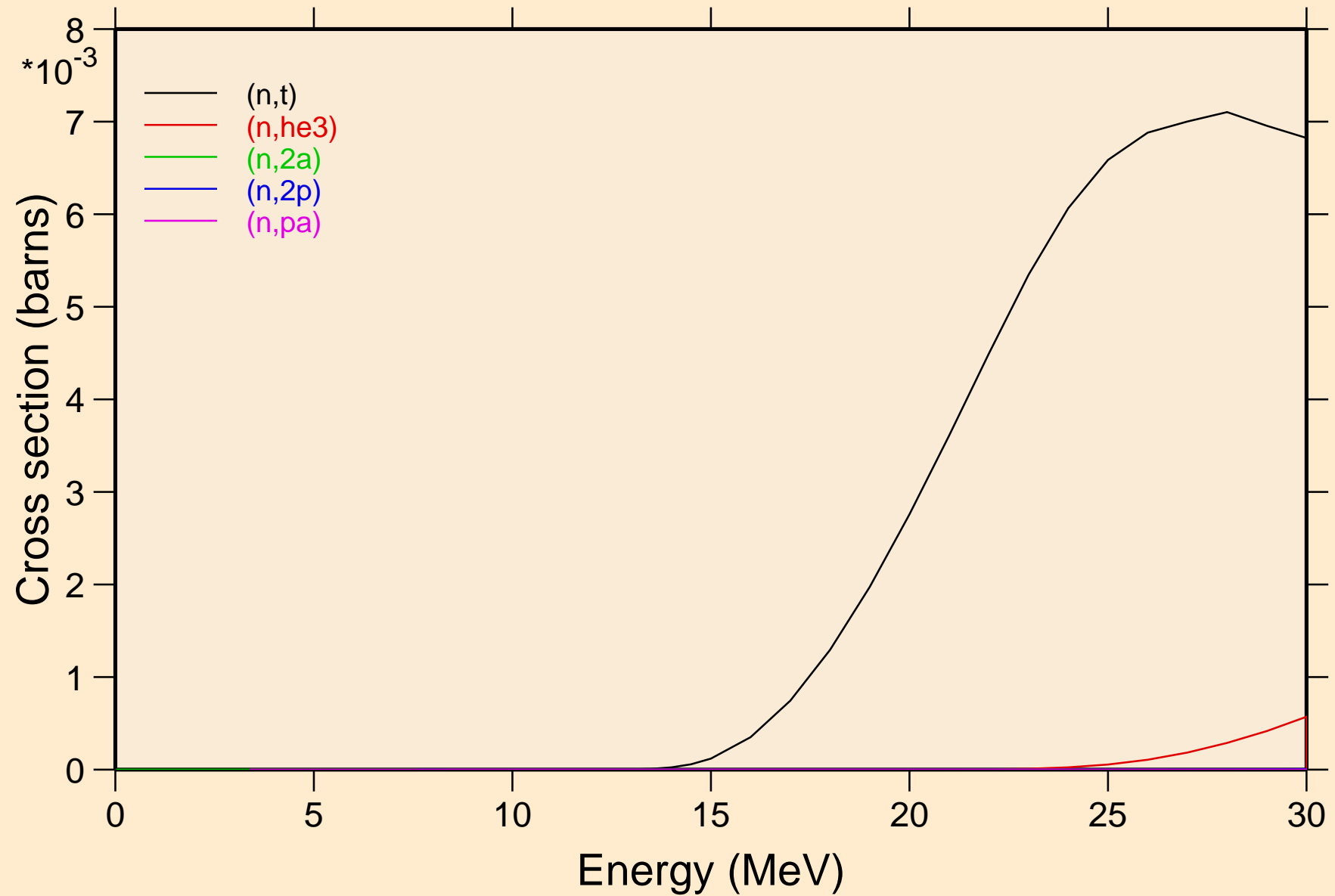
## Threshold reactions





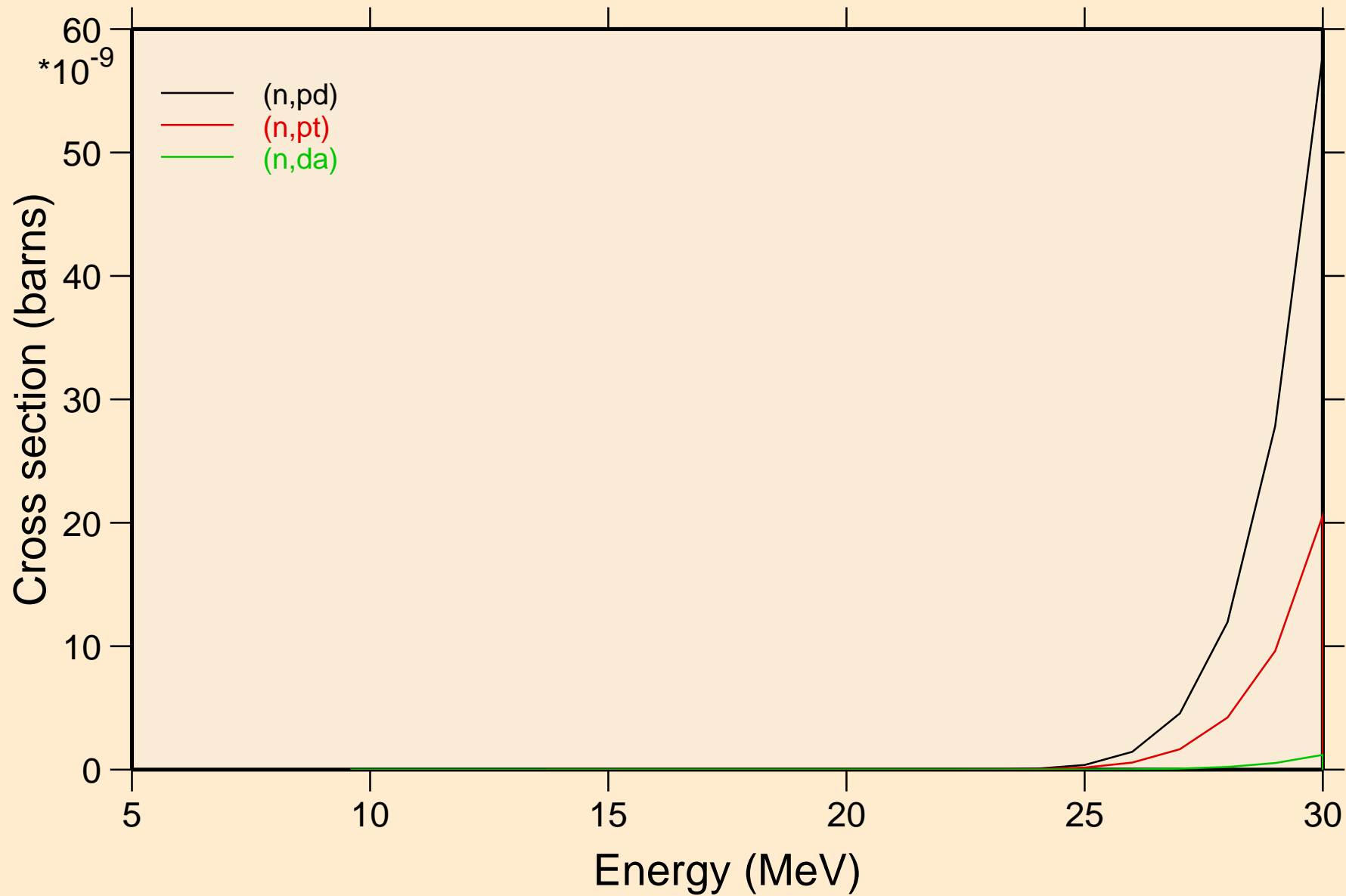
# XE131 NRG TENDL-2015, AKONING

## Threshold reactions

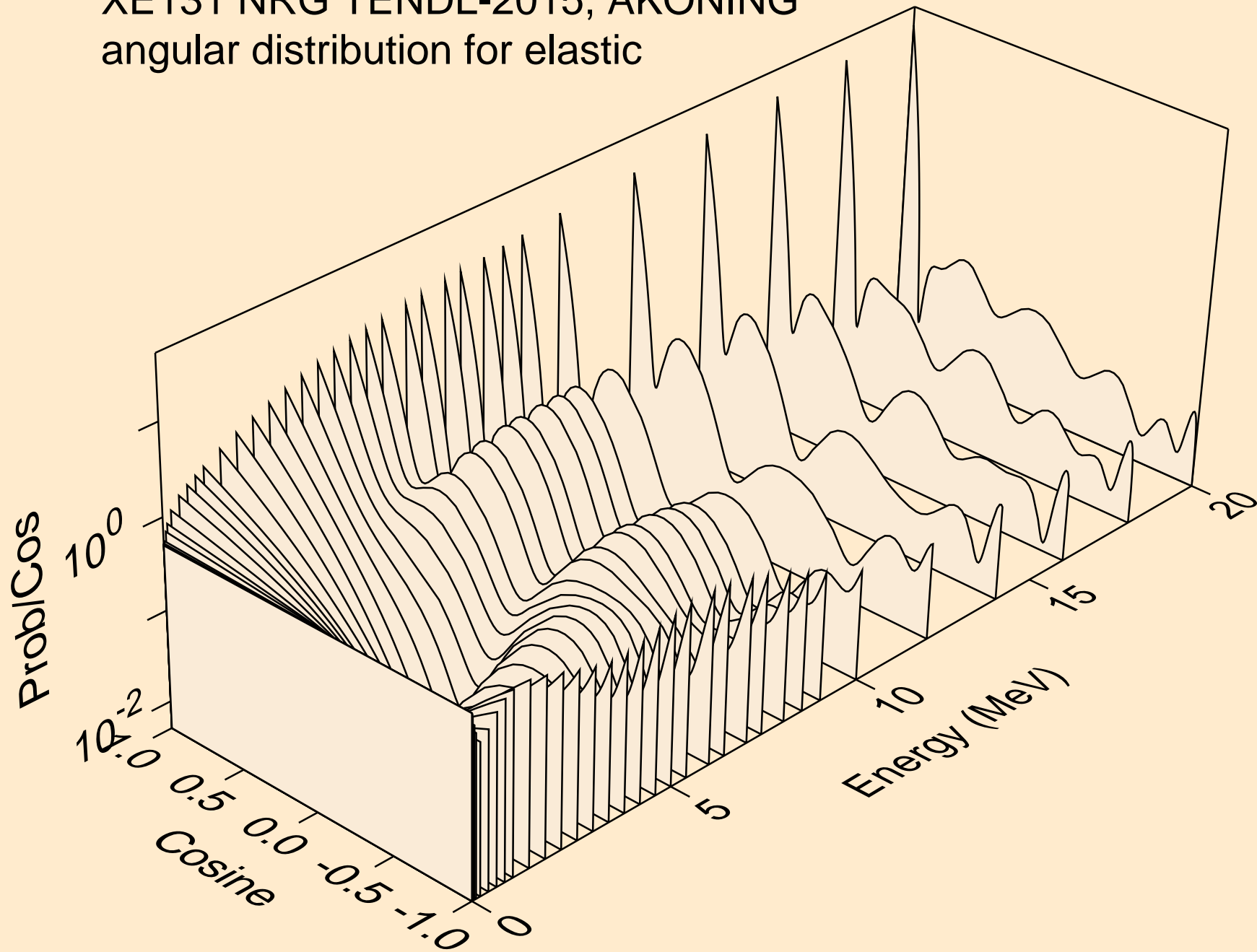


# XE131 NRG TENDL-2015, AKONING

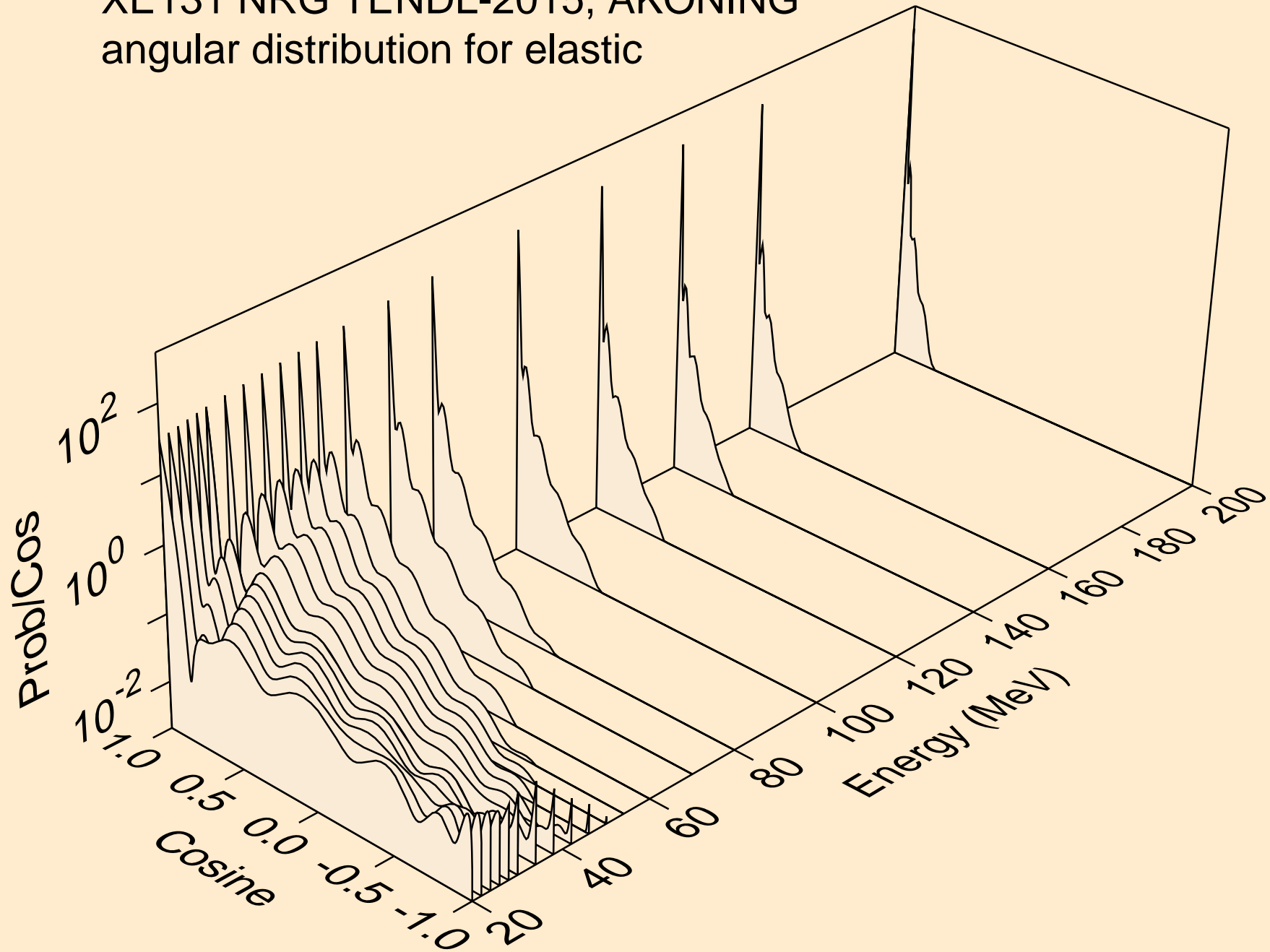
## Threshold reactions



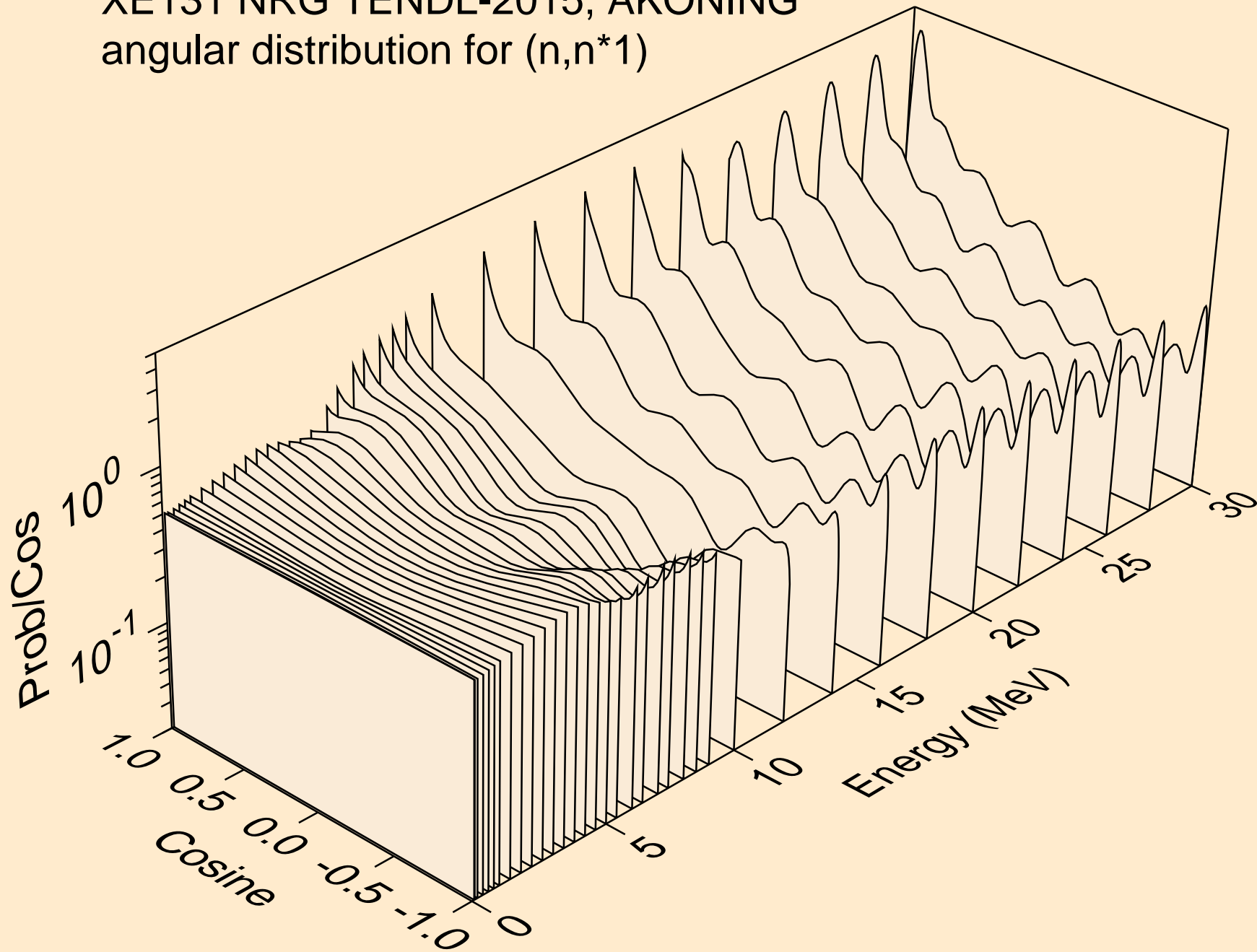
XE131 NRG TENDL-2015, AKONING  
angular distribution for elastic



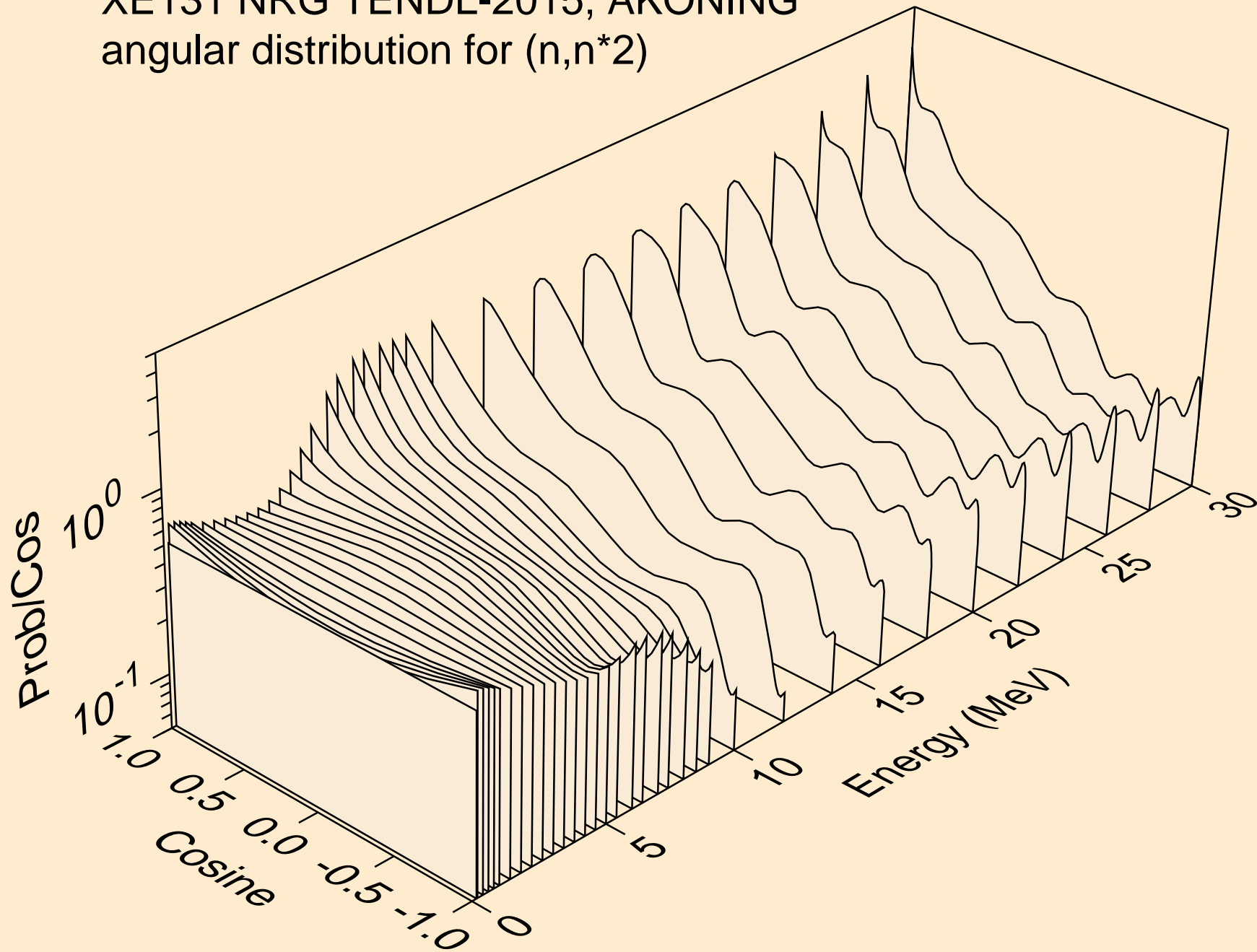
XE131 NRG TENDL-2015, AKONING  
angular distribution for elastic



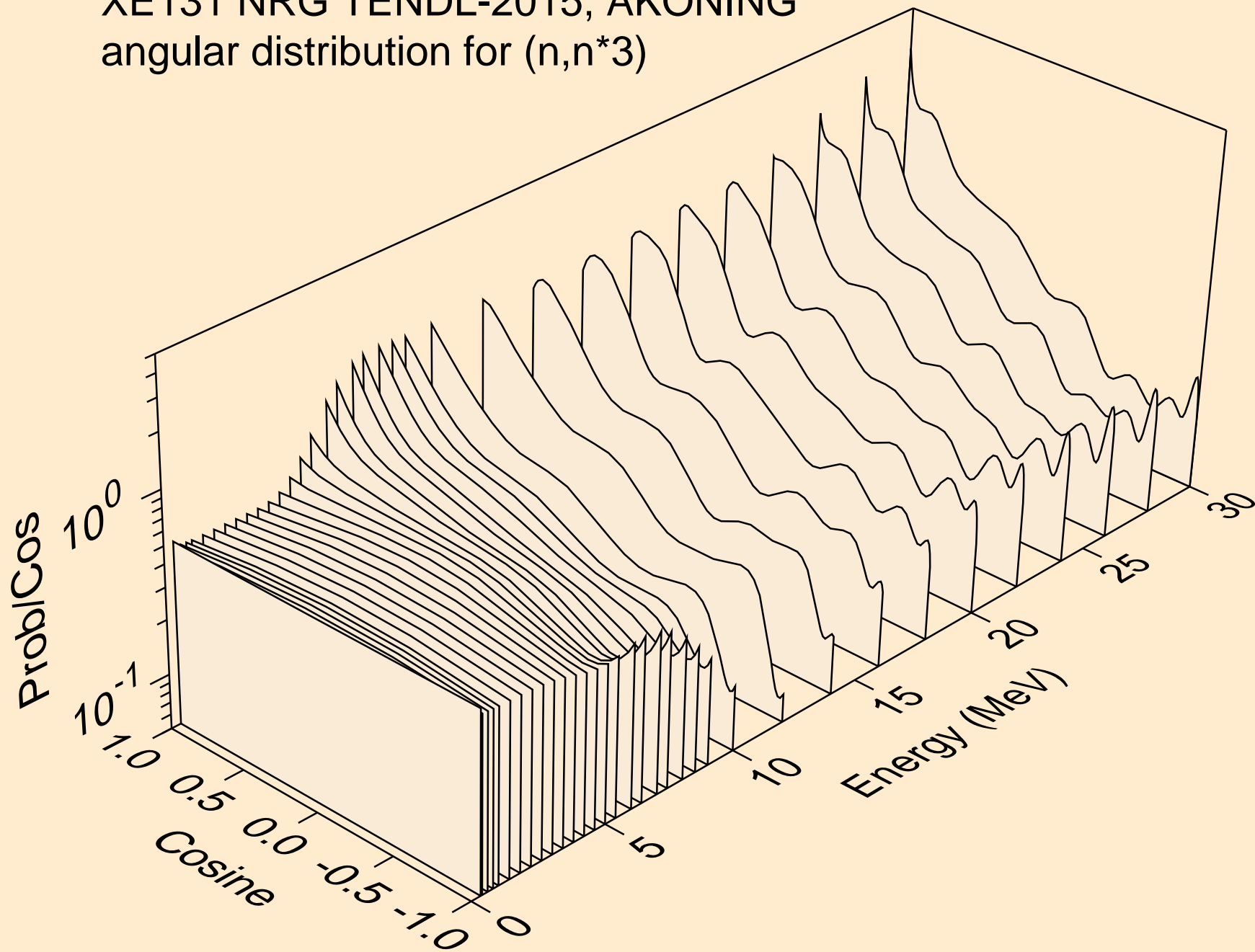
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



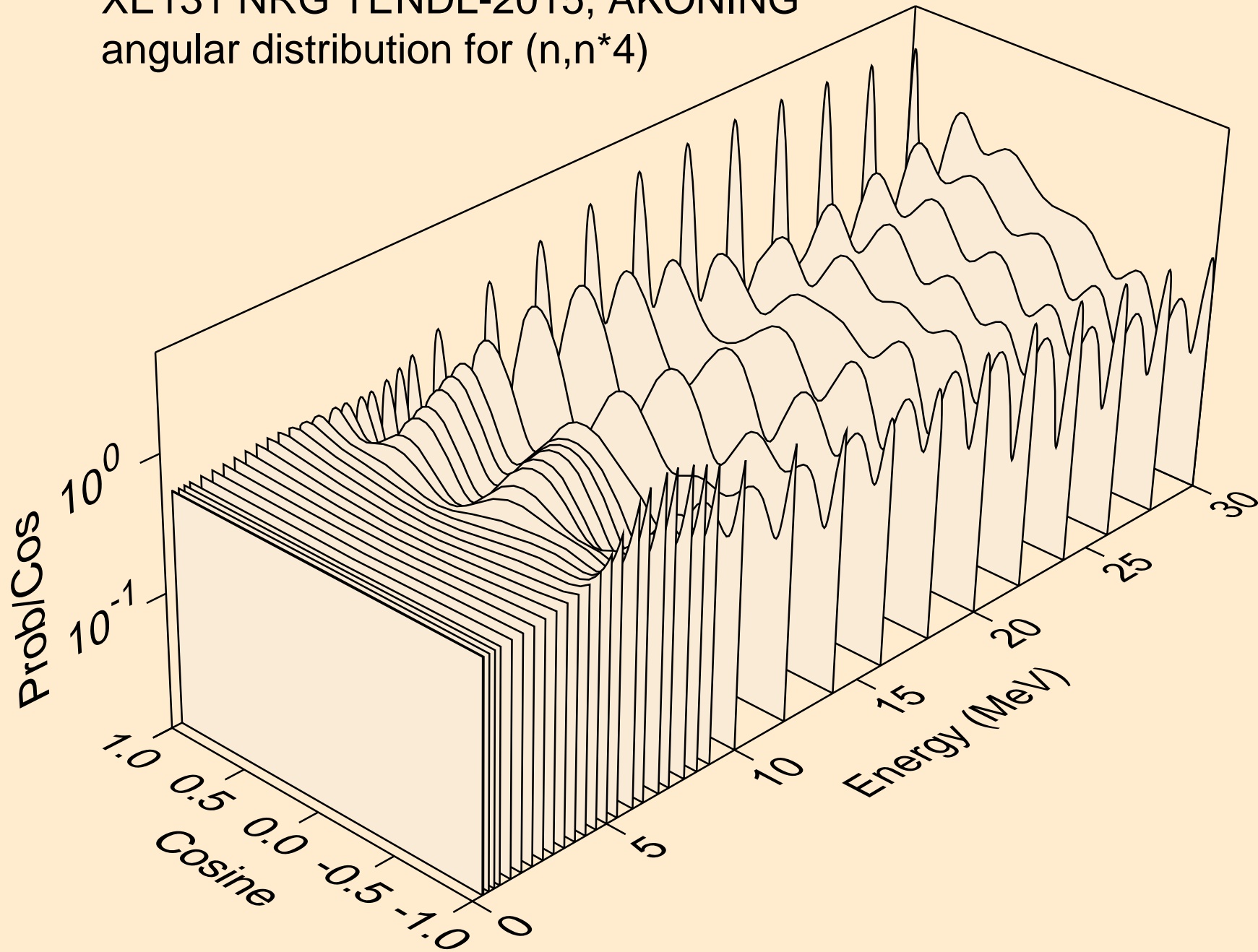
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

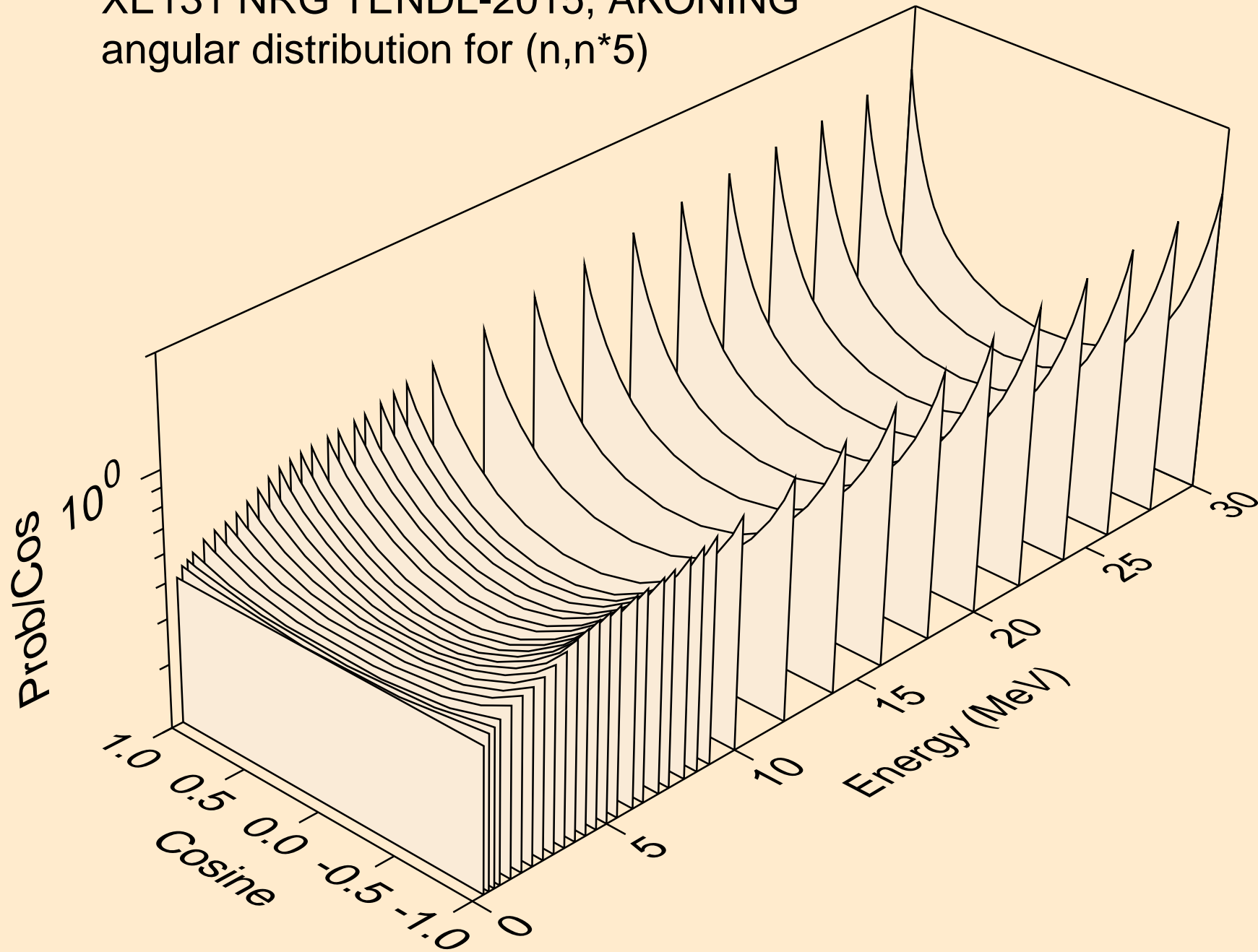


XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

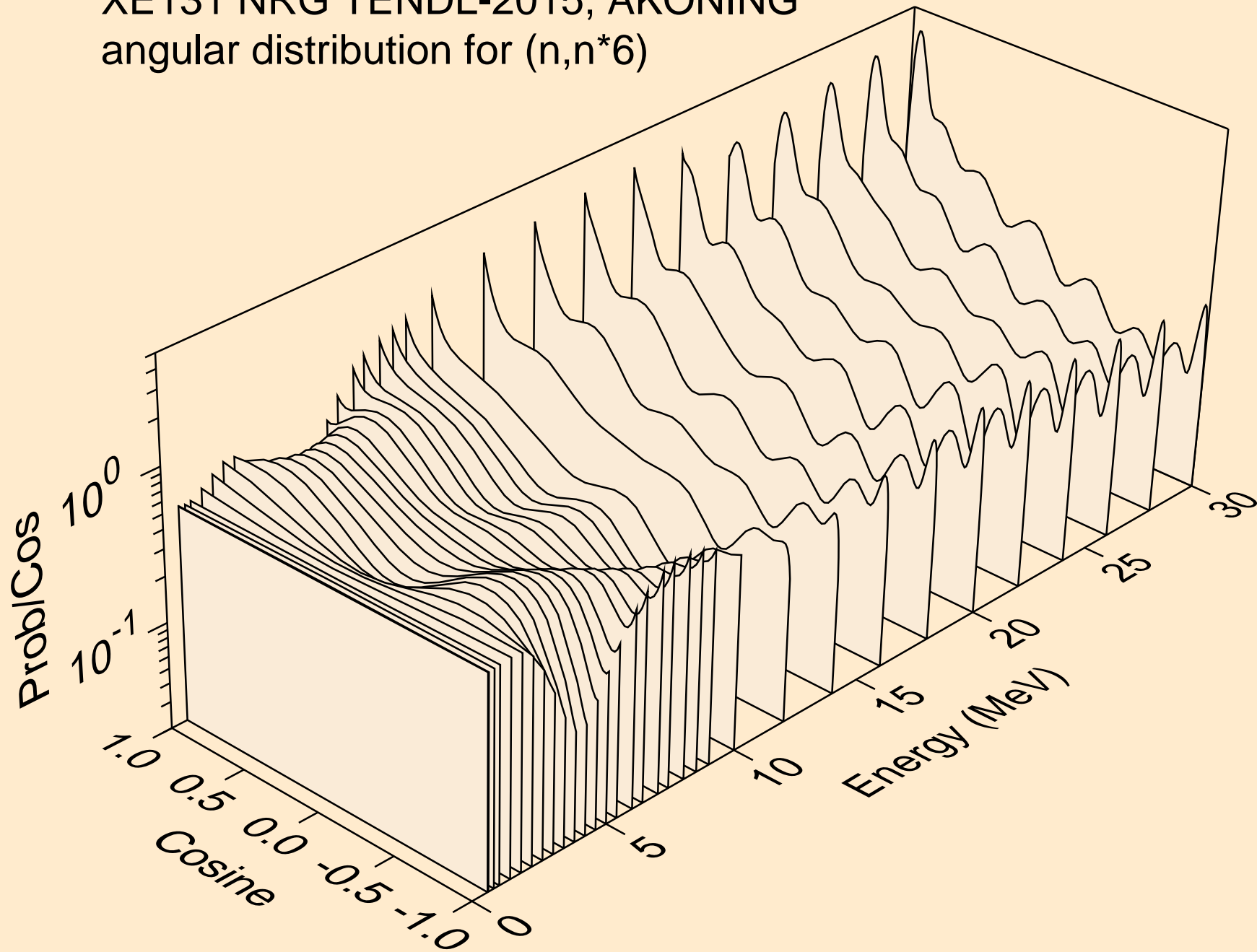




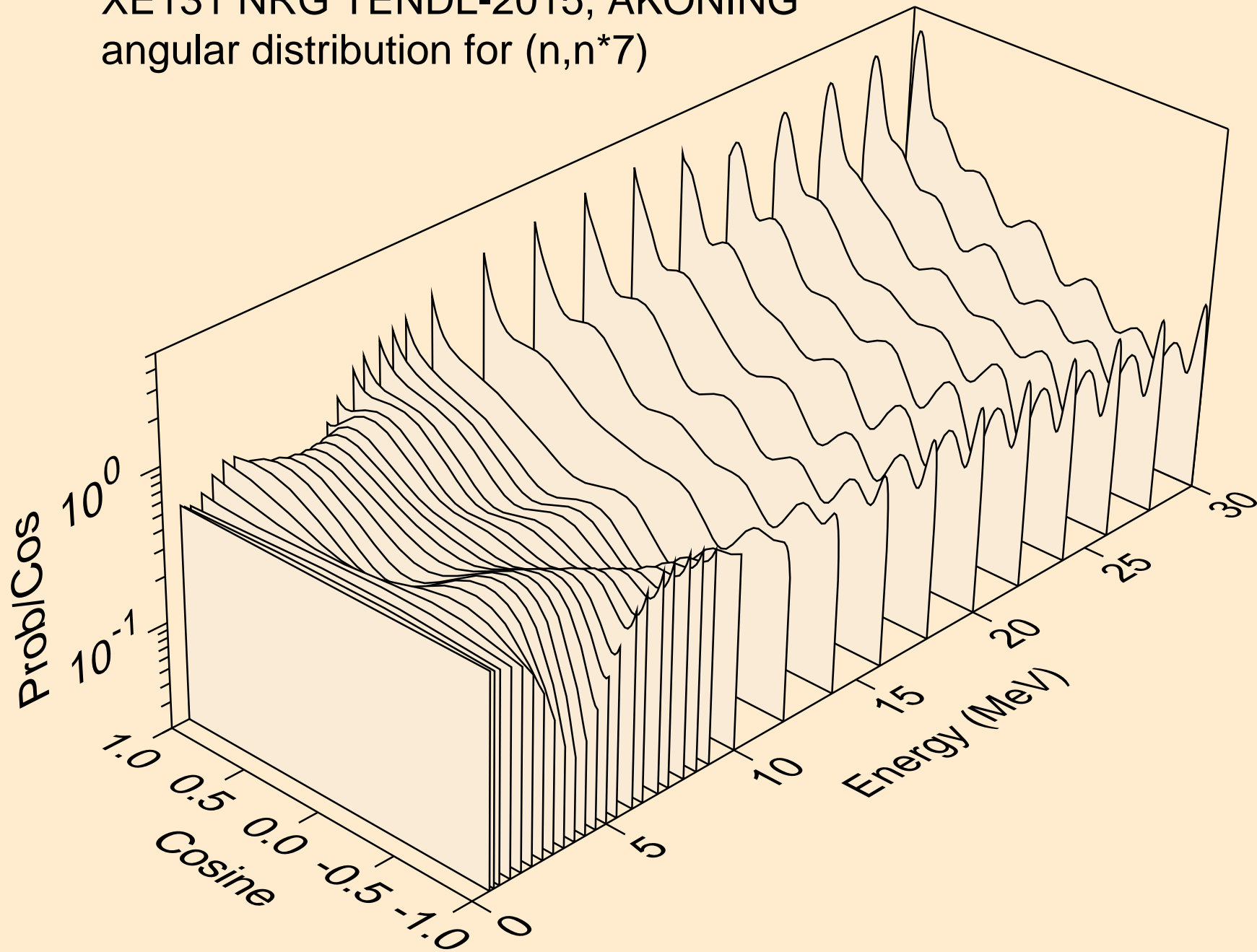
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



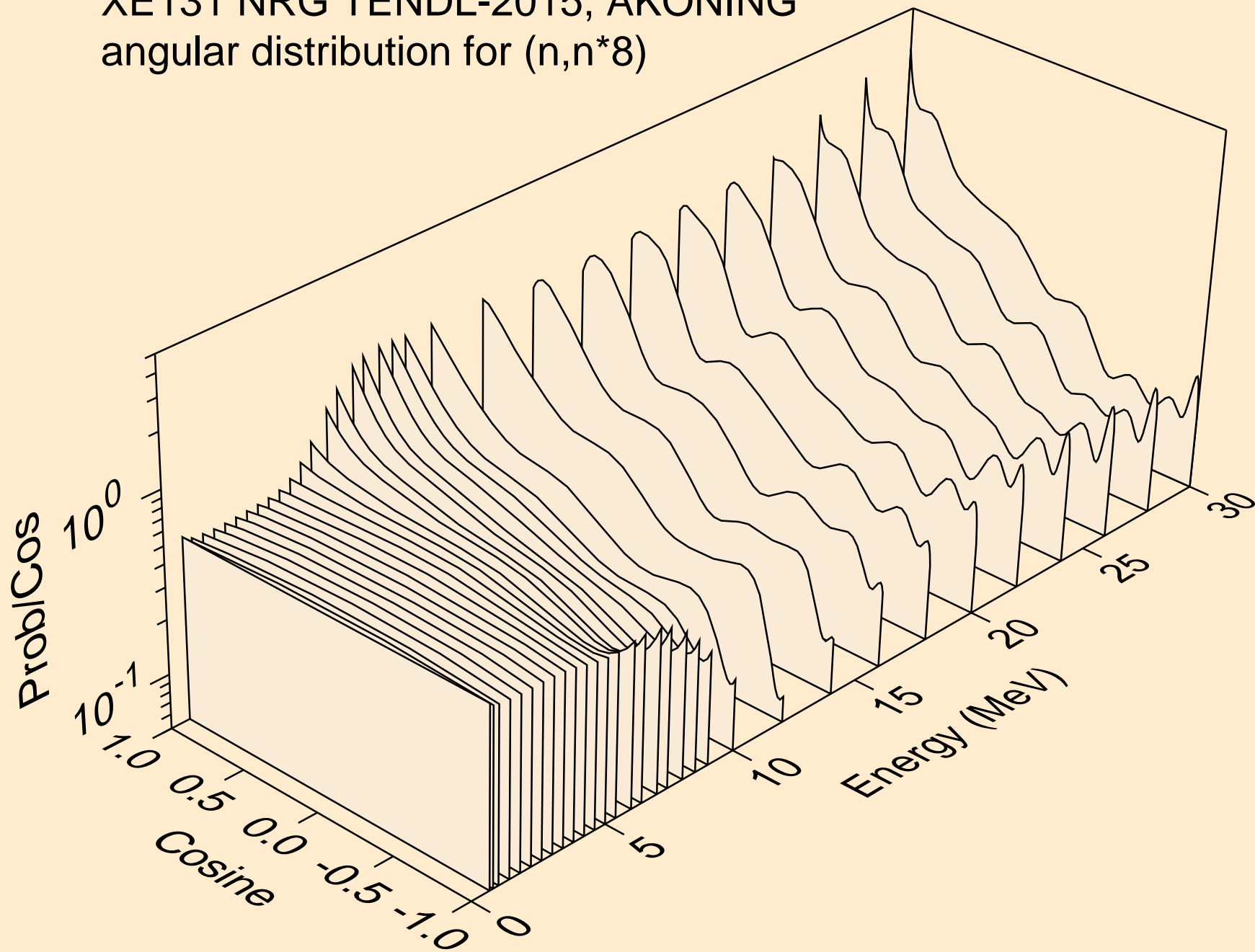
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



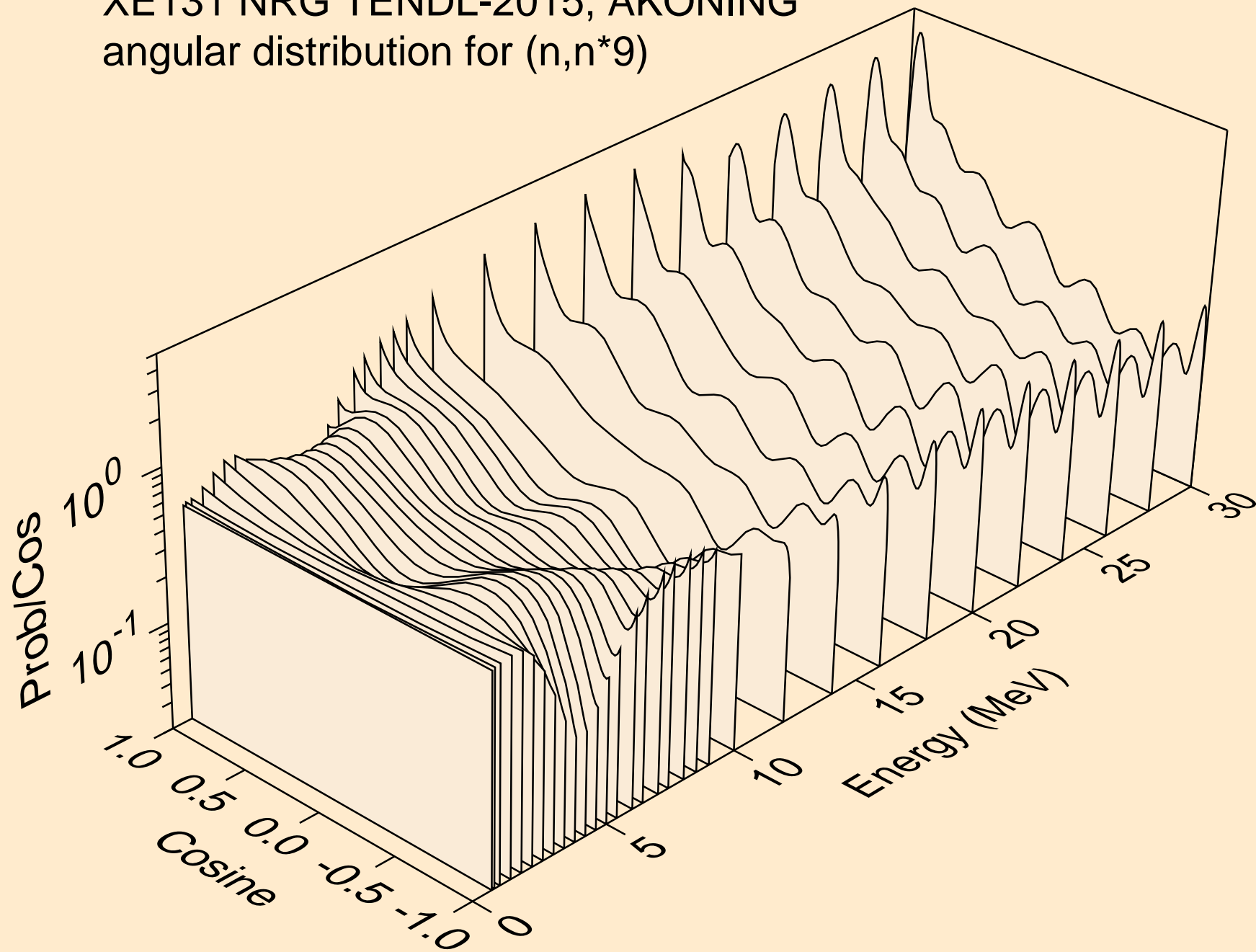
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



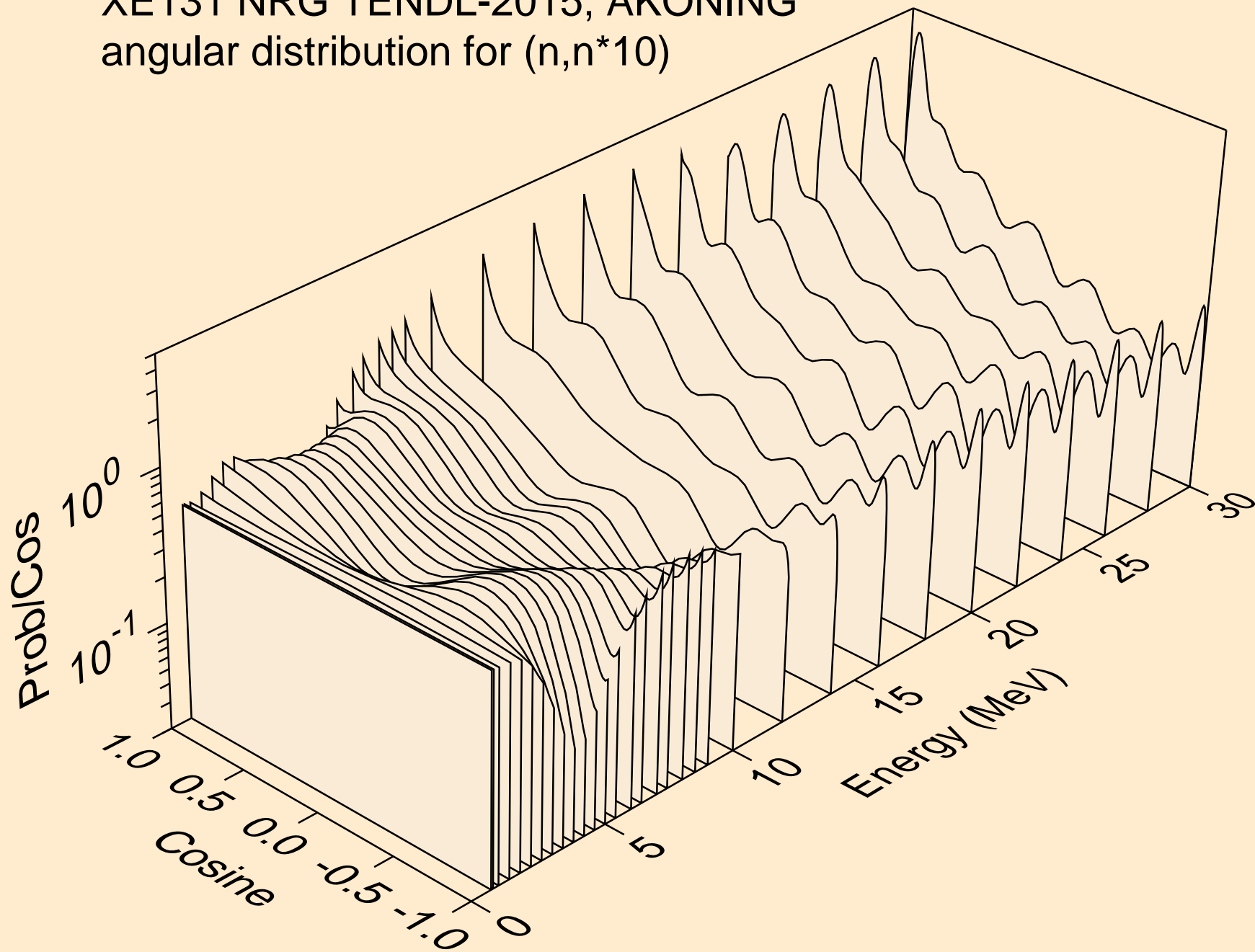
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



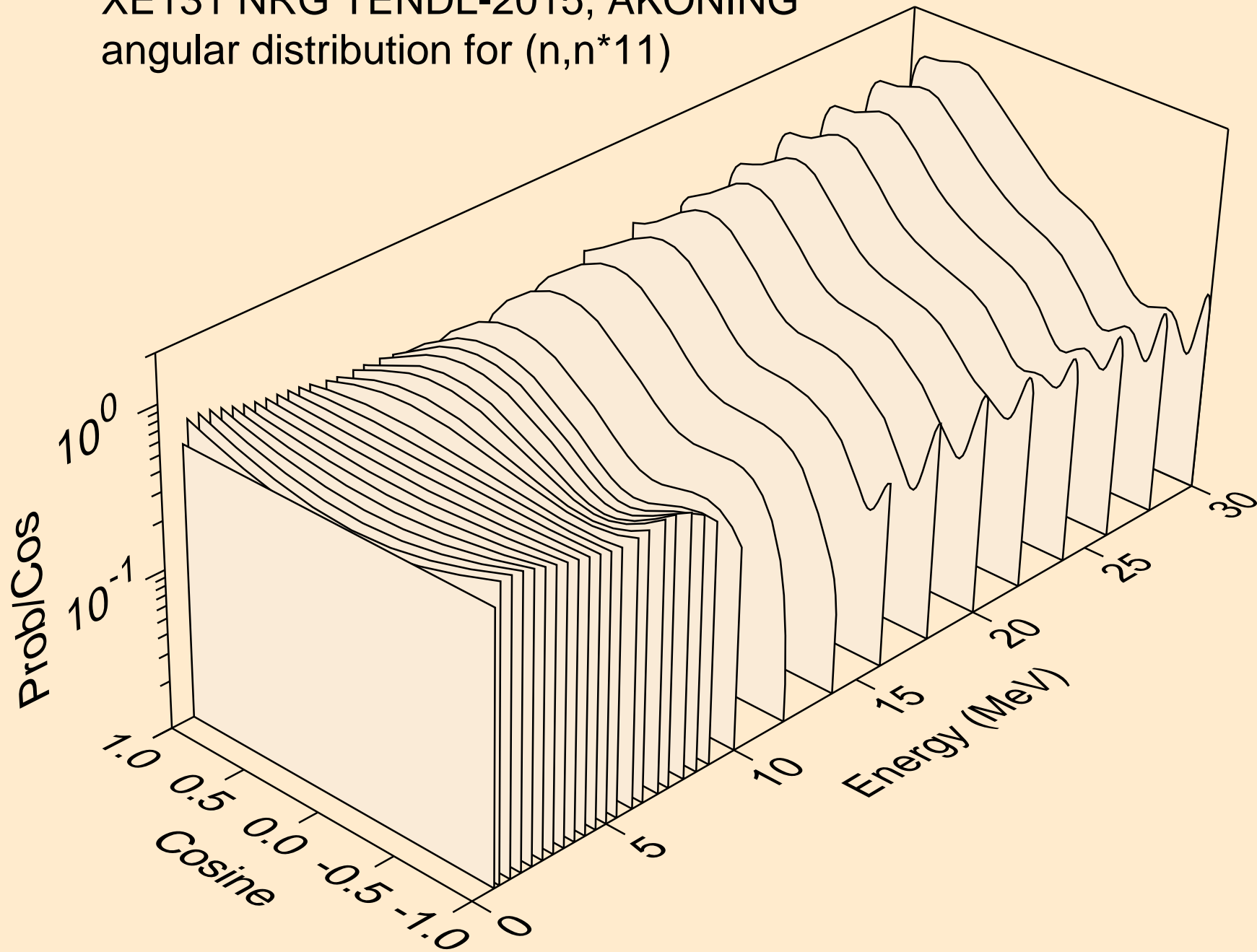
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



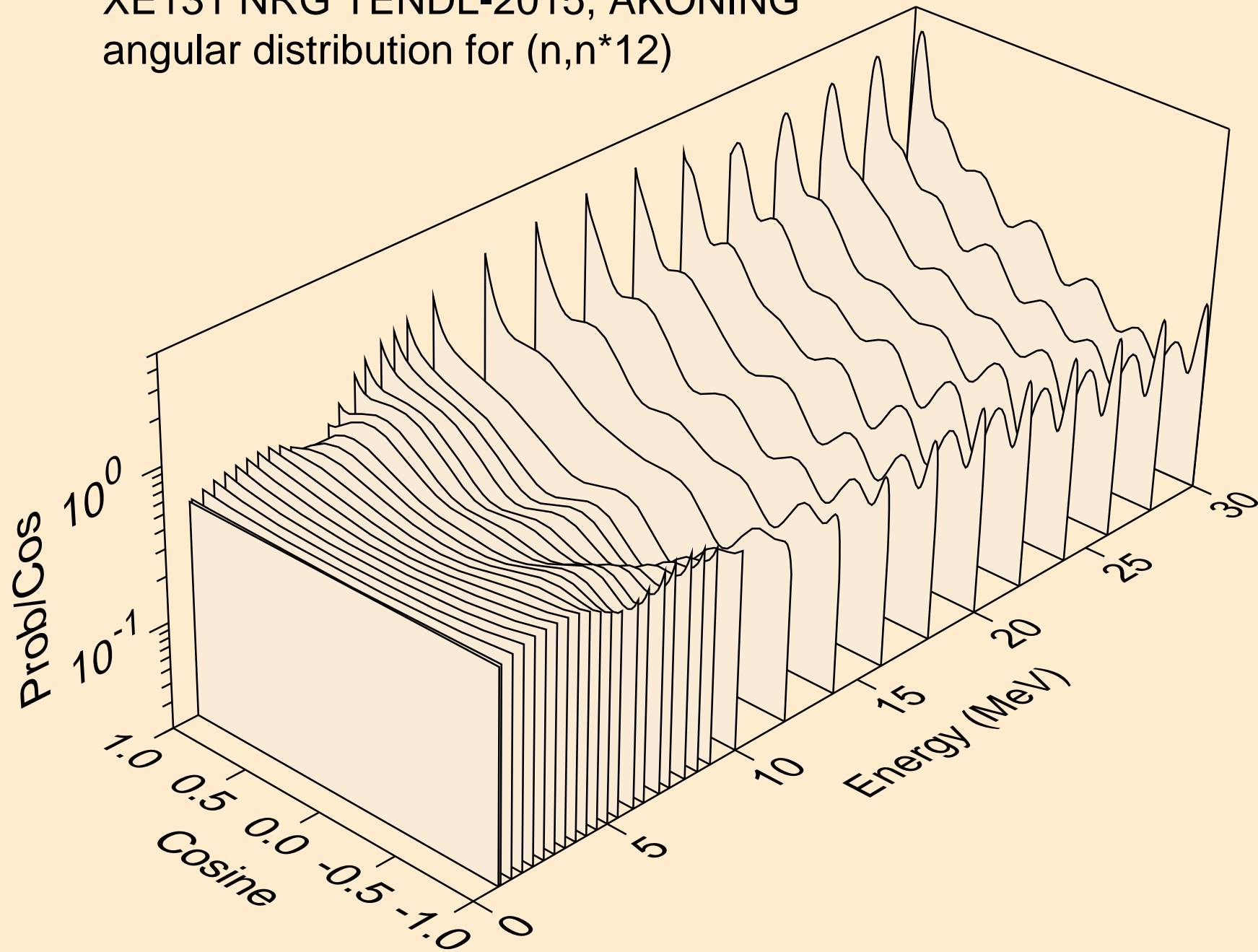
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

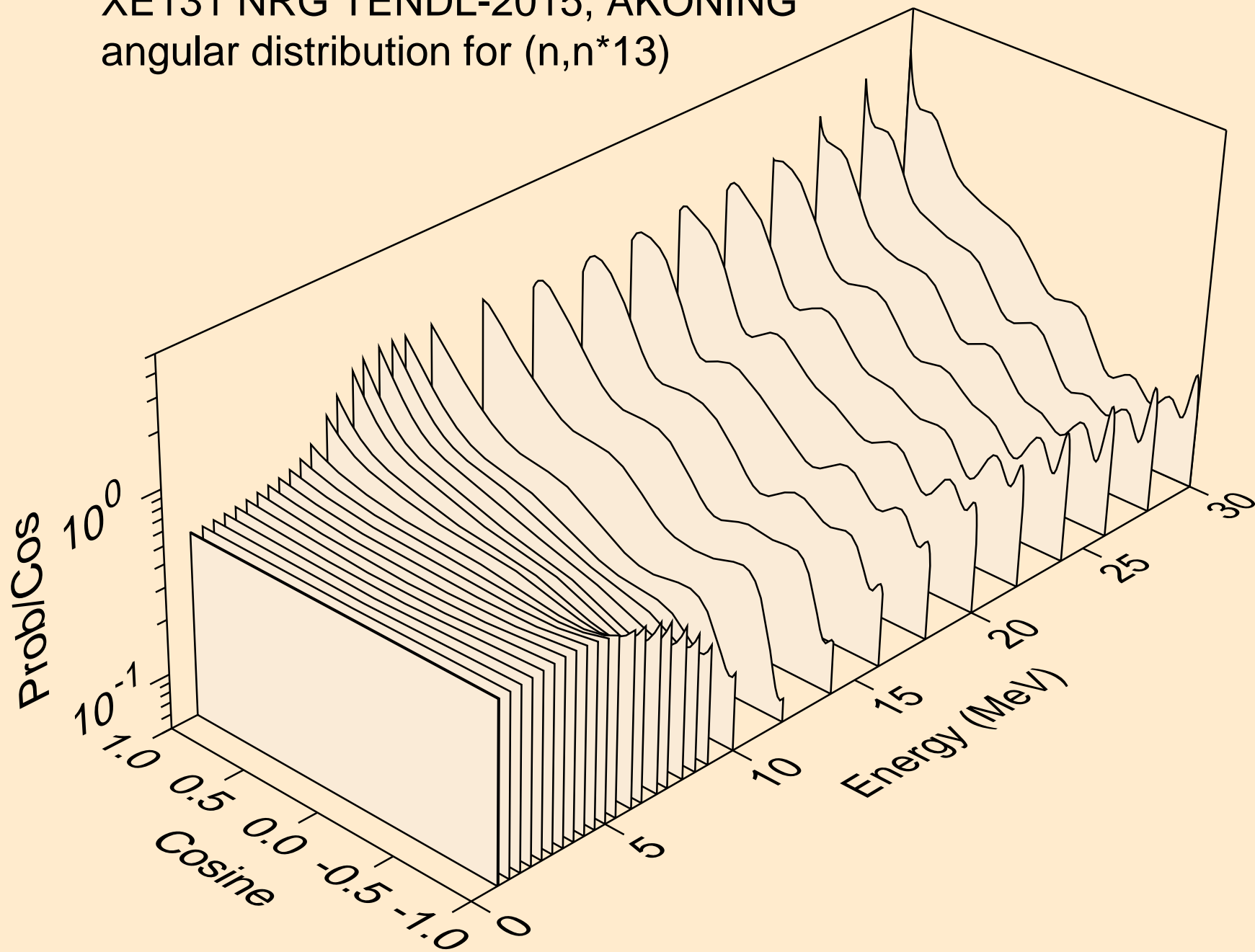


XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

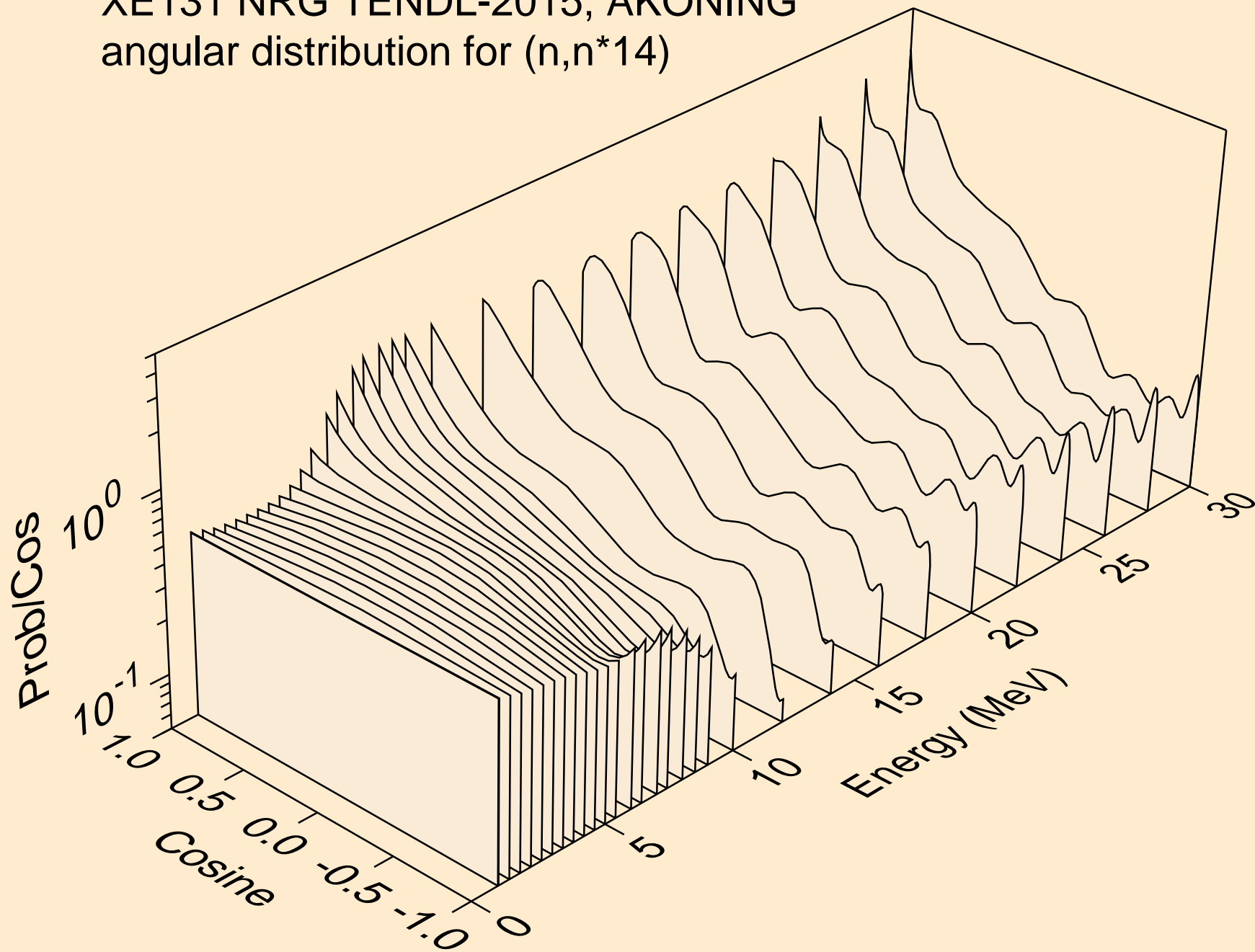




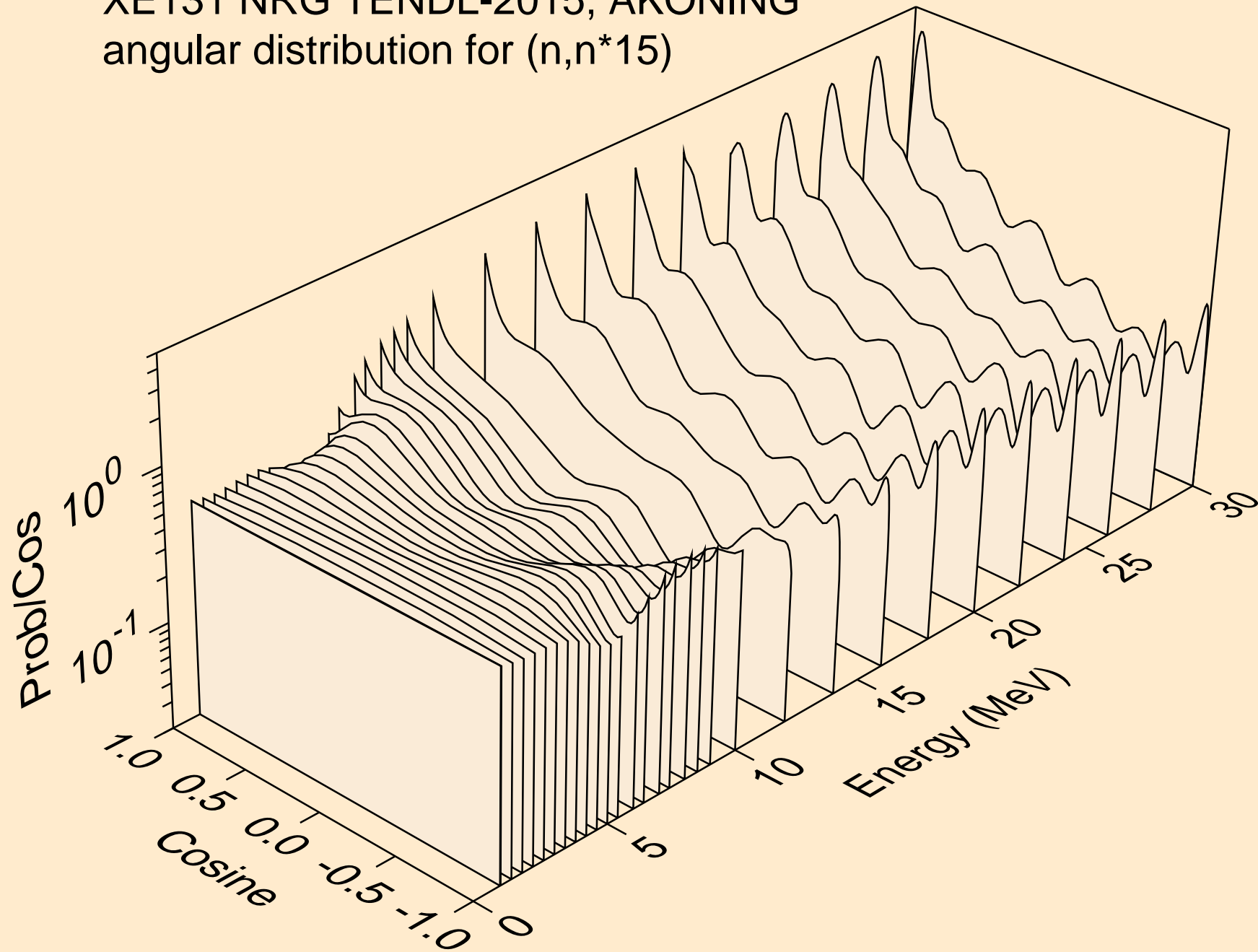
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



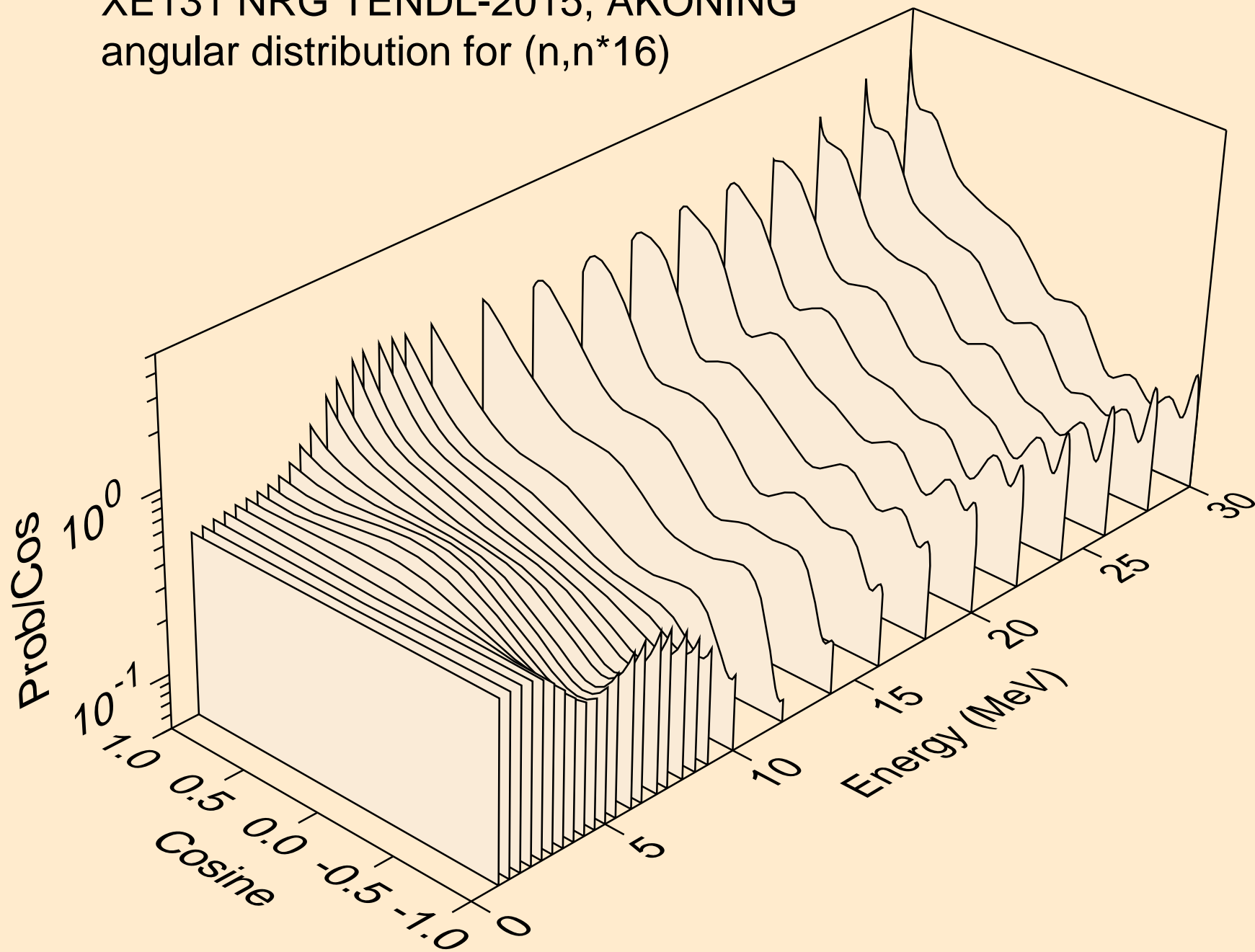
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



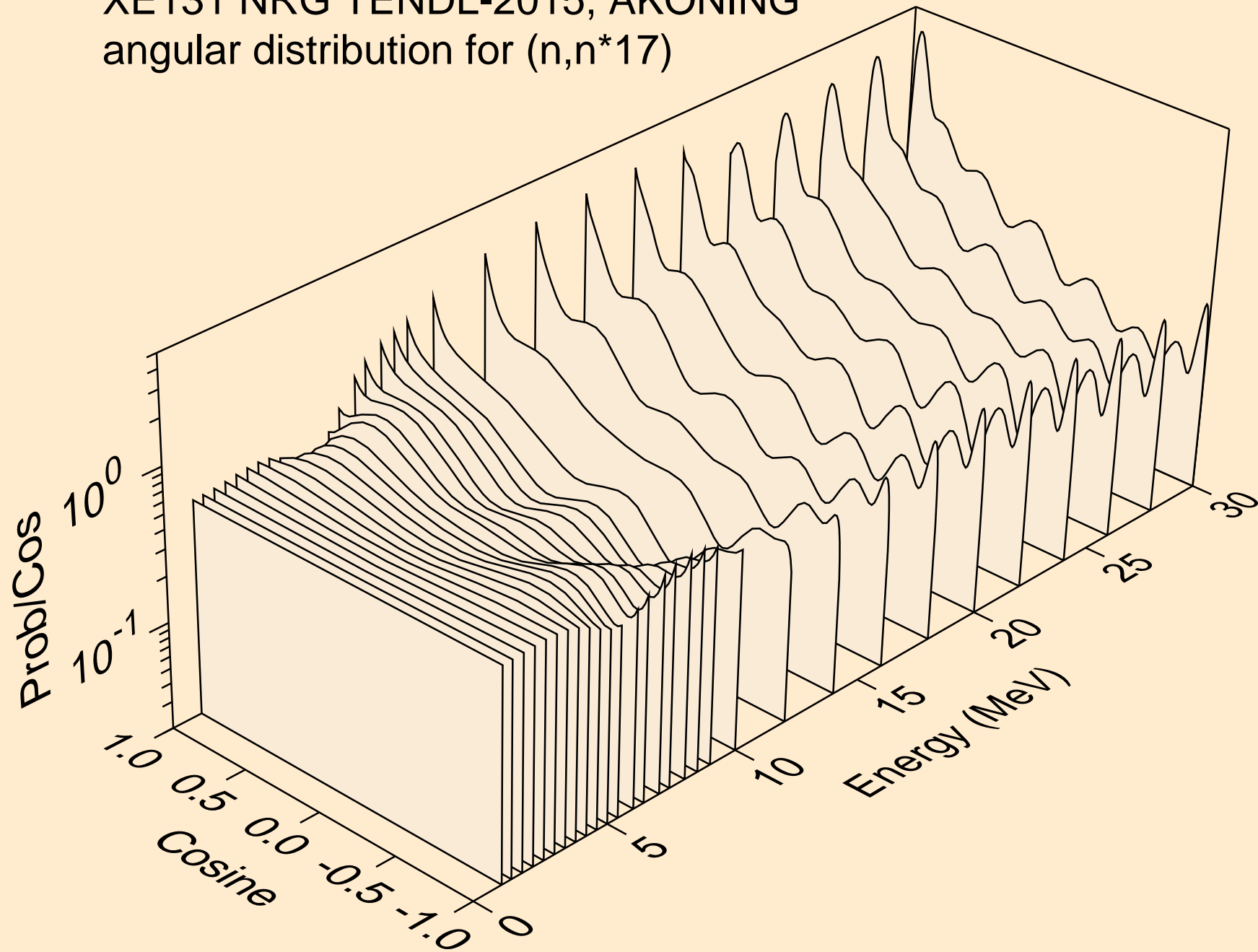
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



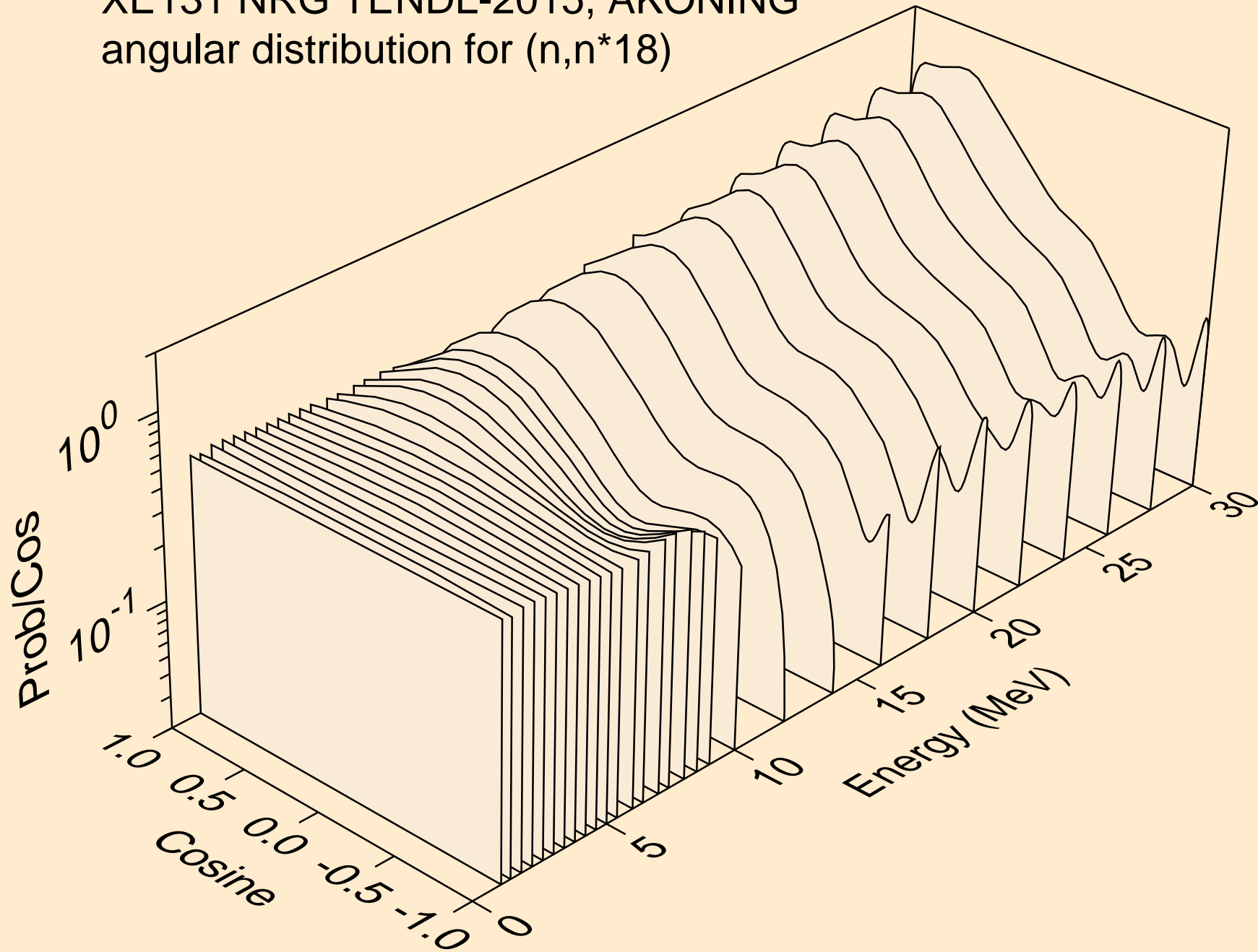
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



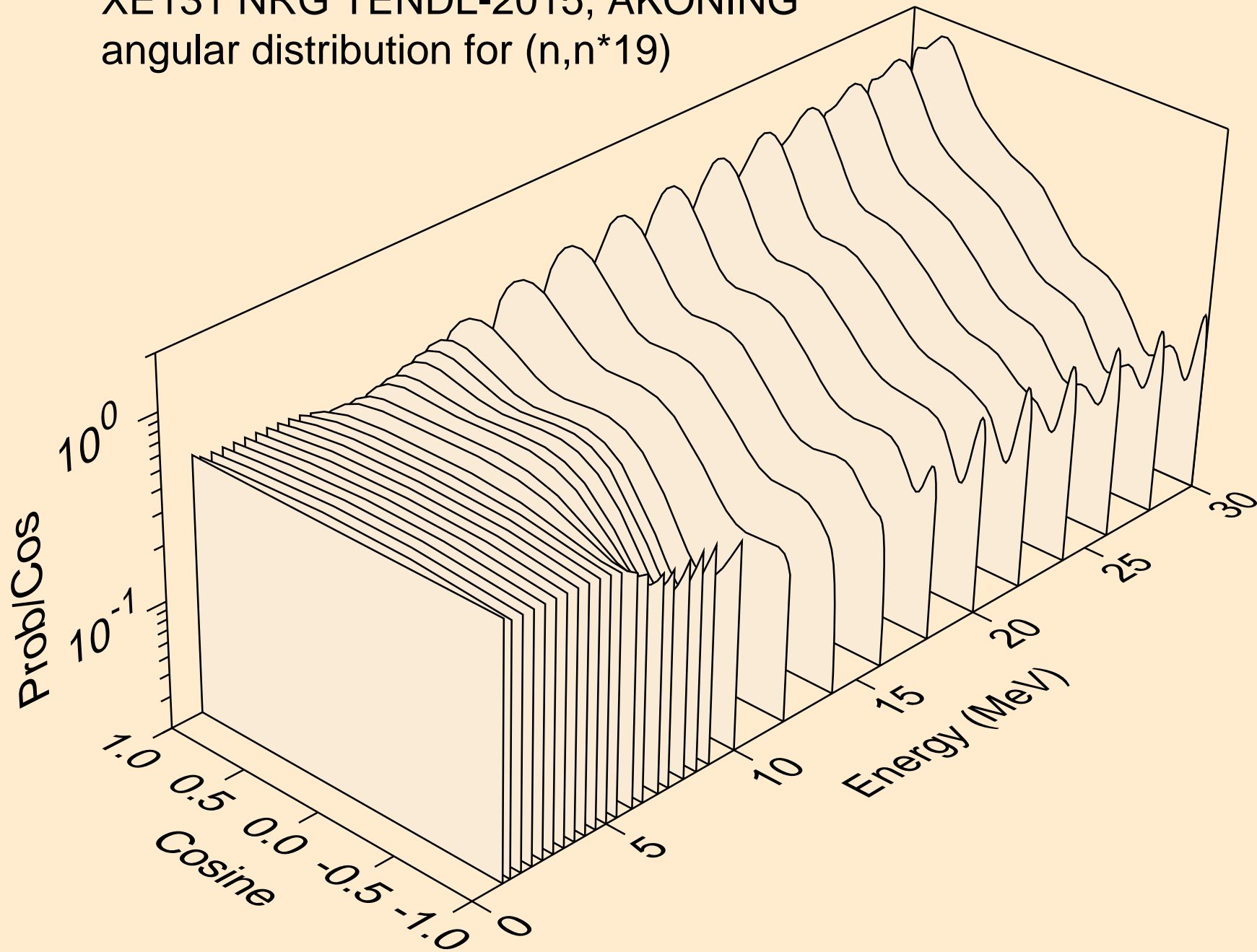
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



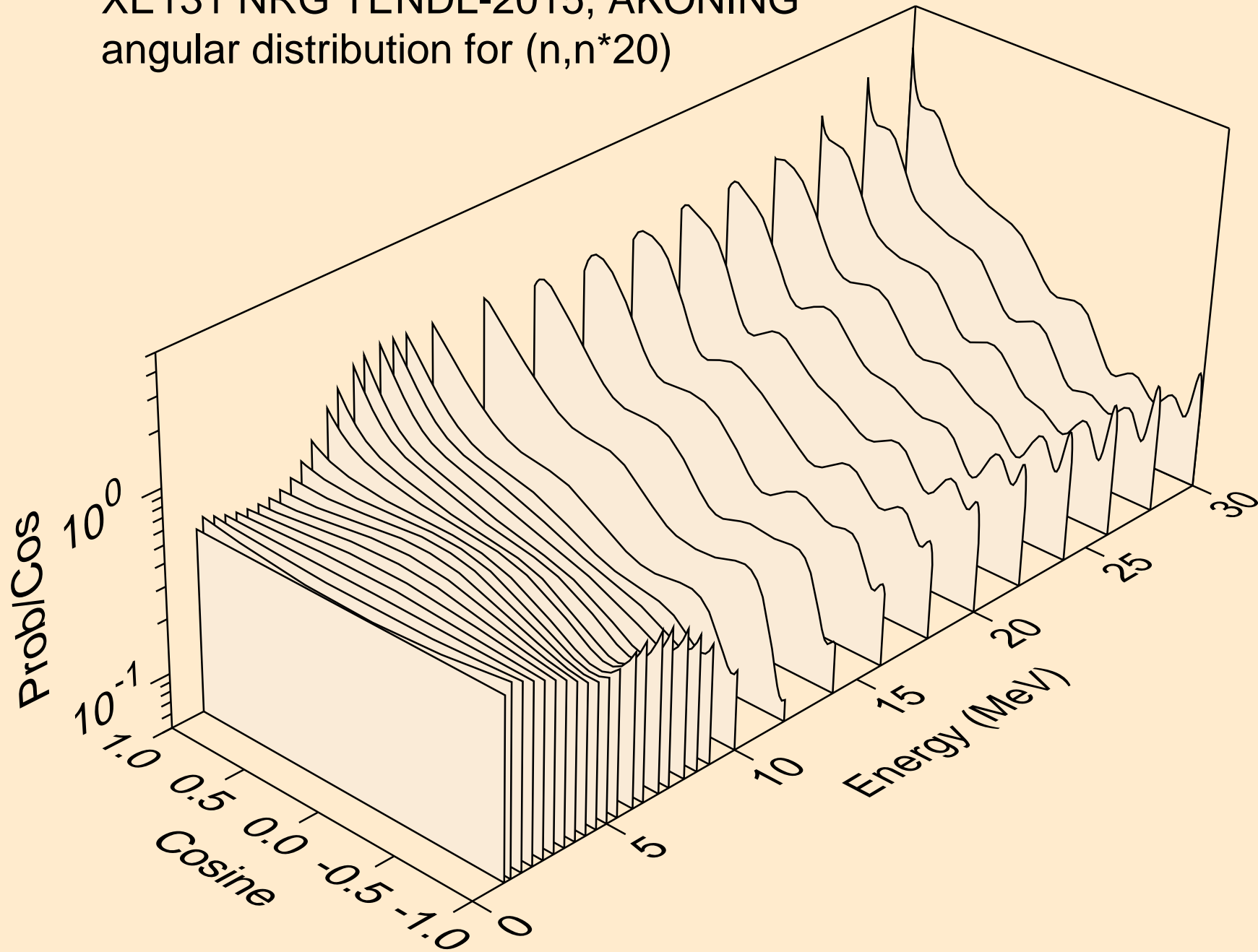
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

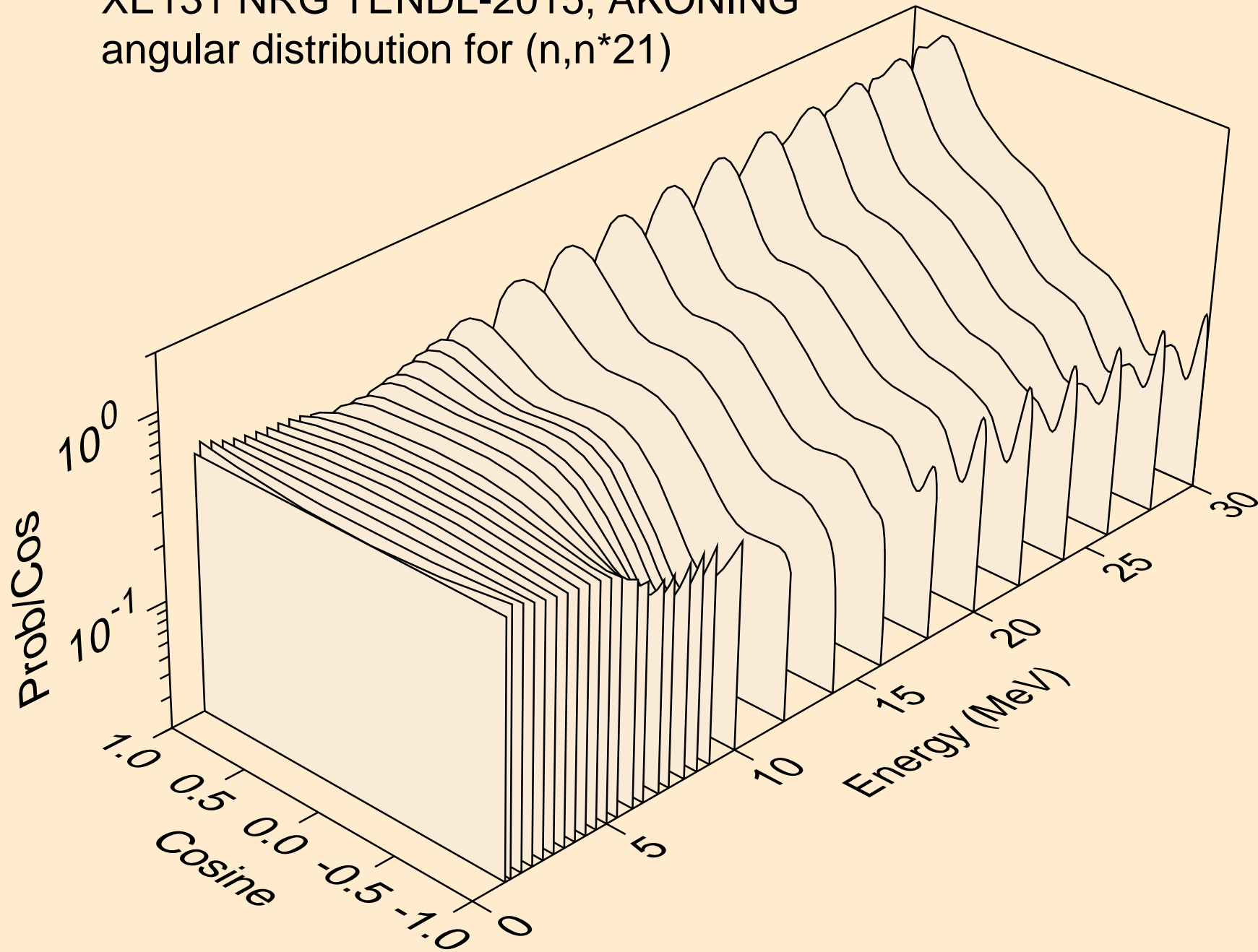


XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

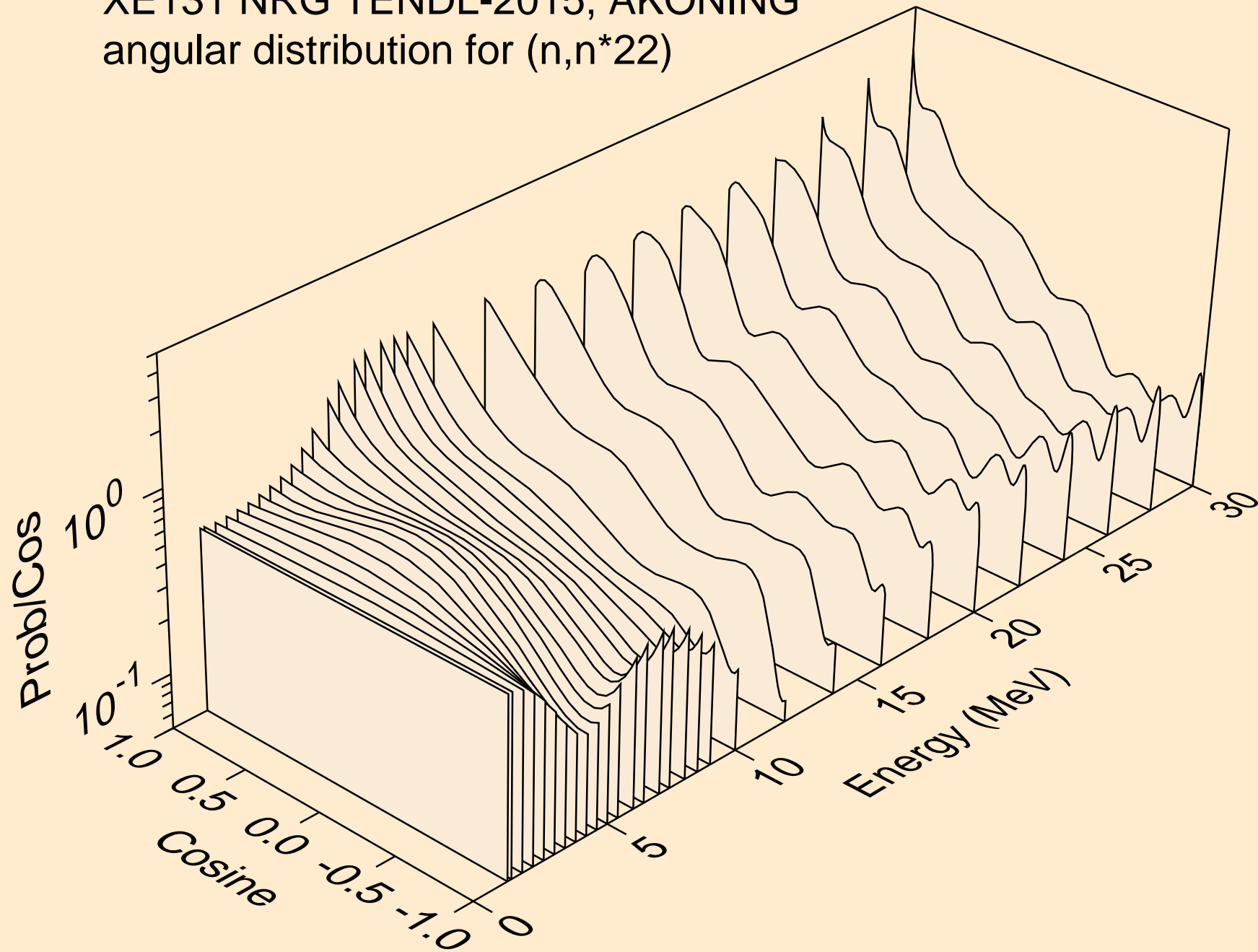




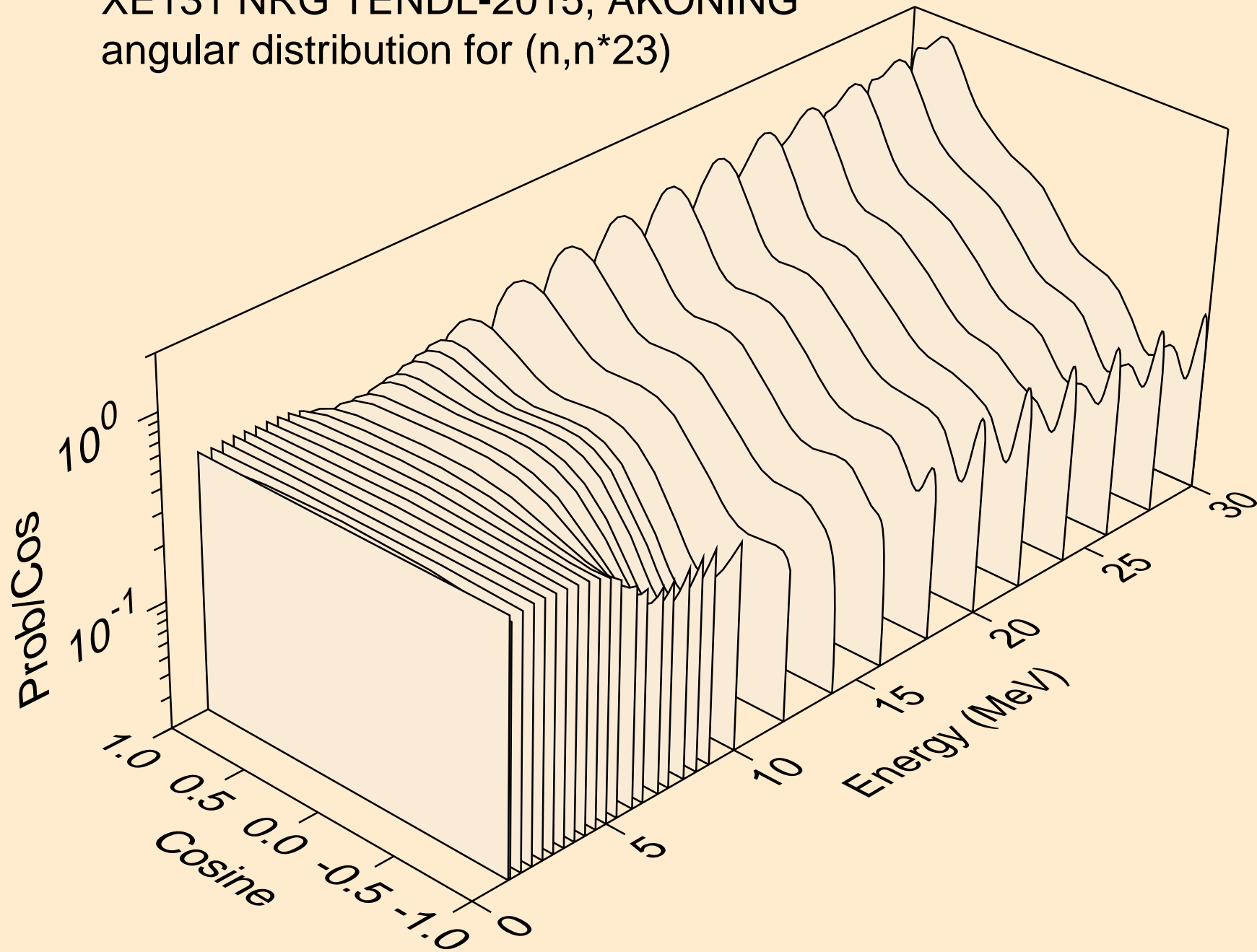
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



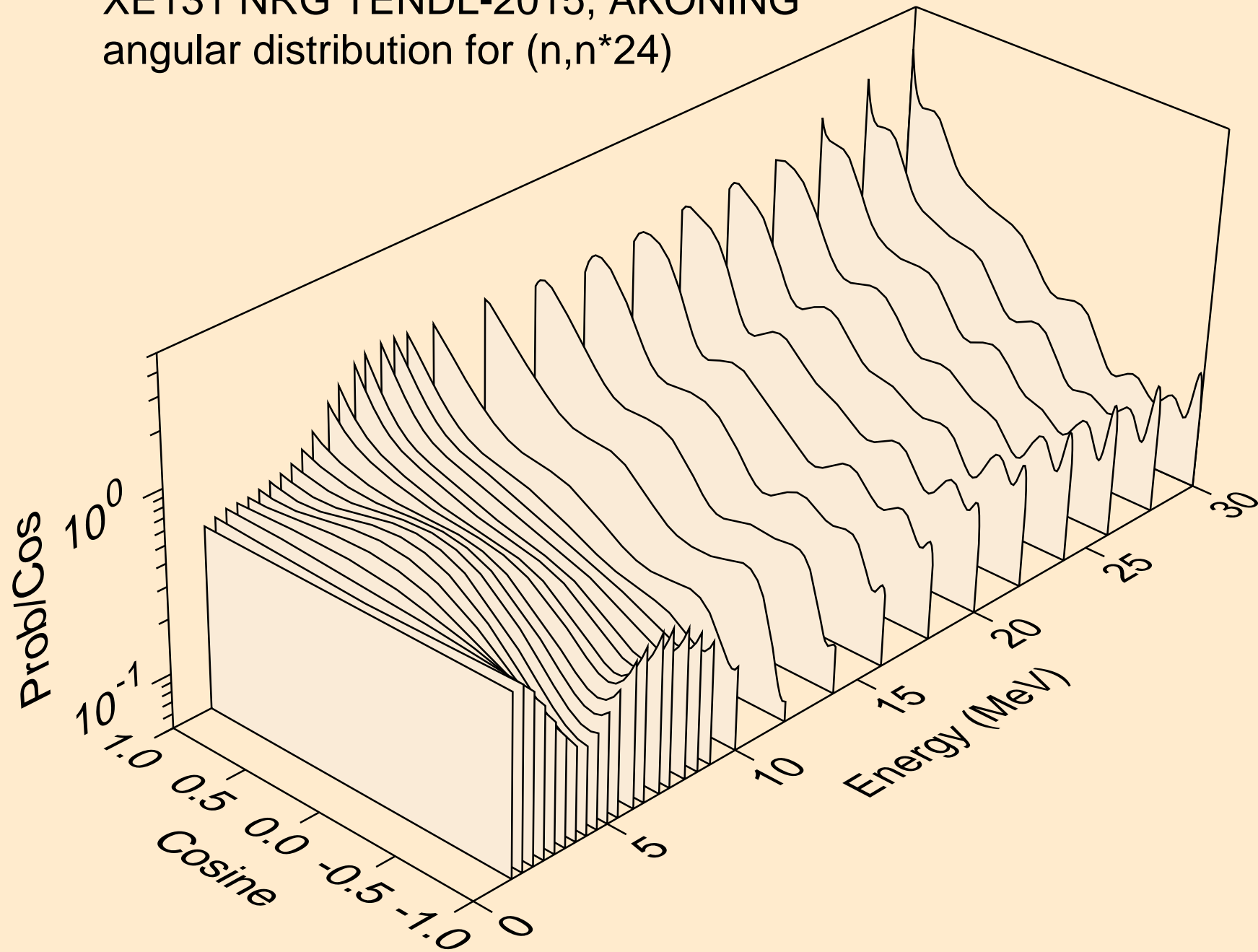
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



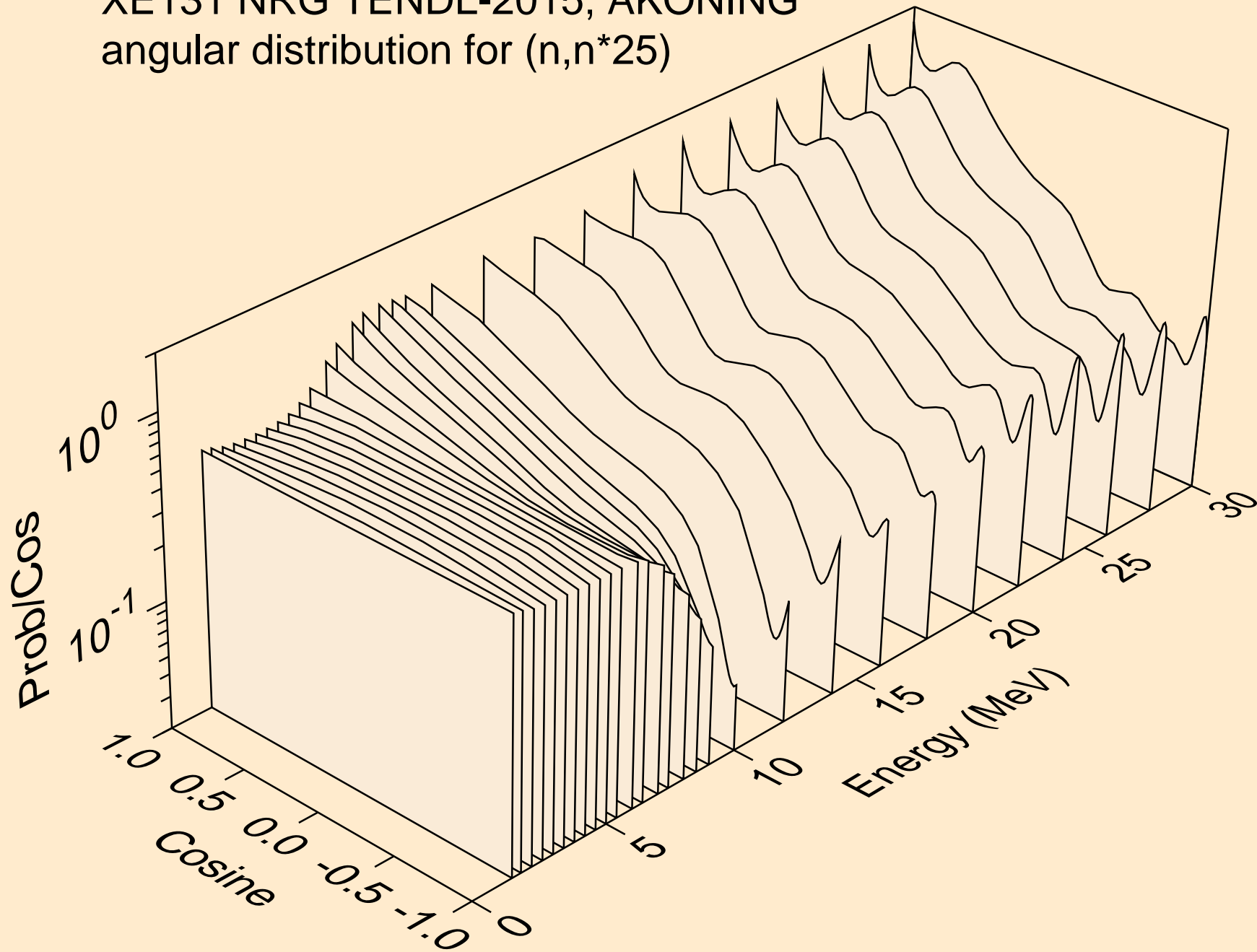
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



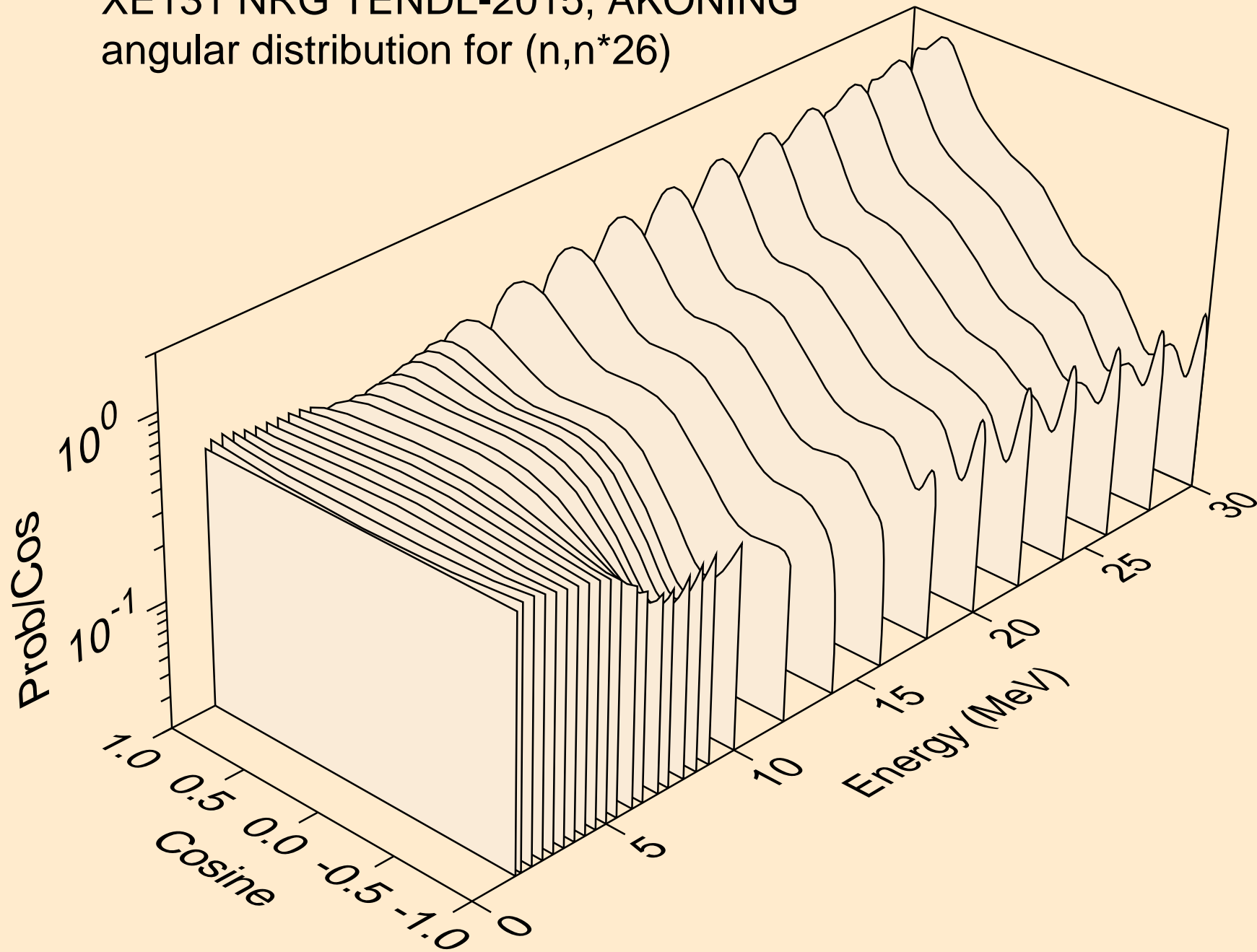
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



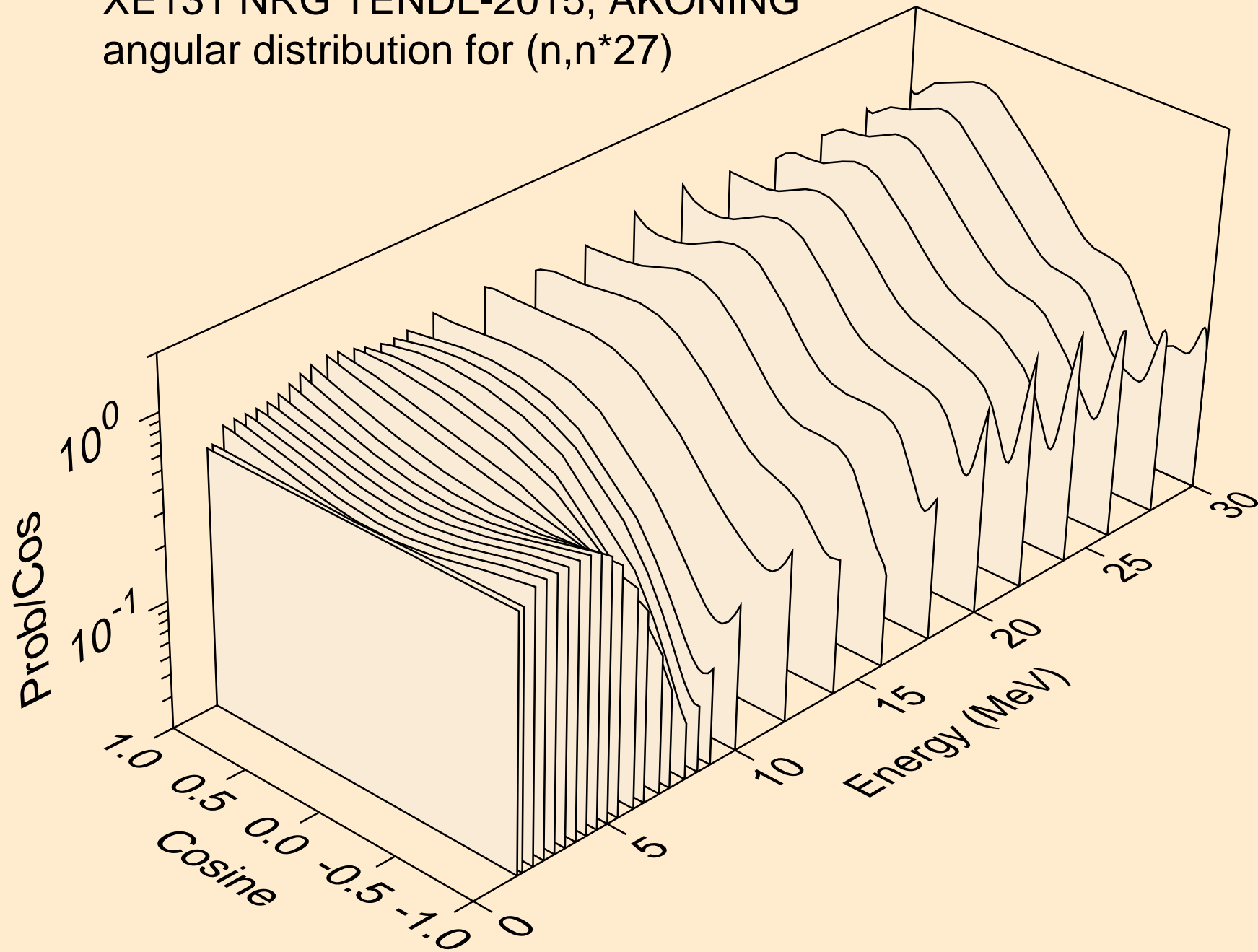
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



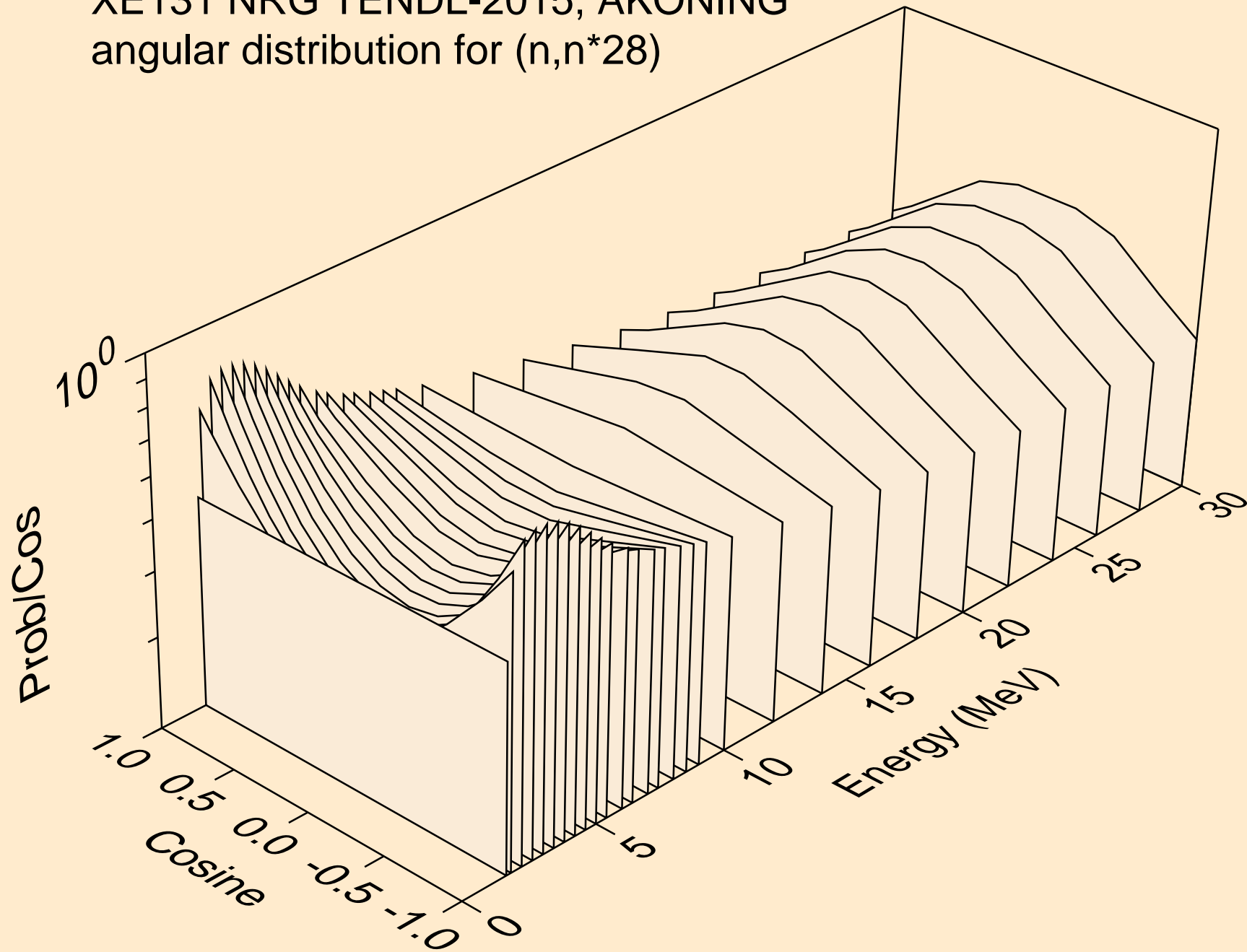
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

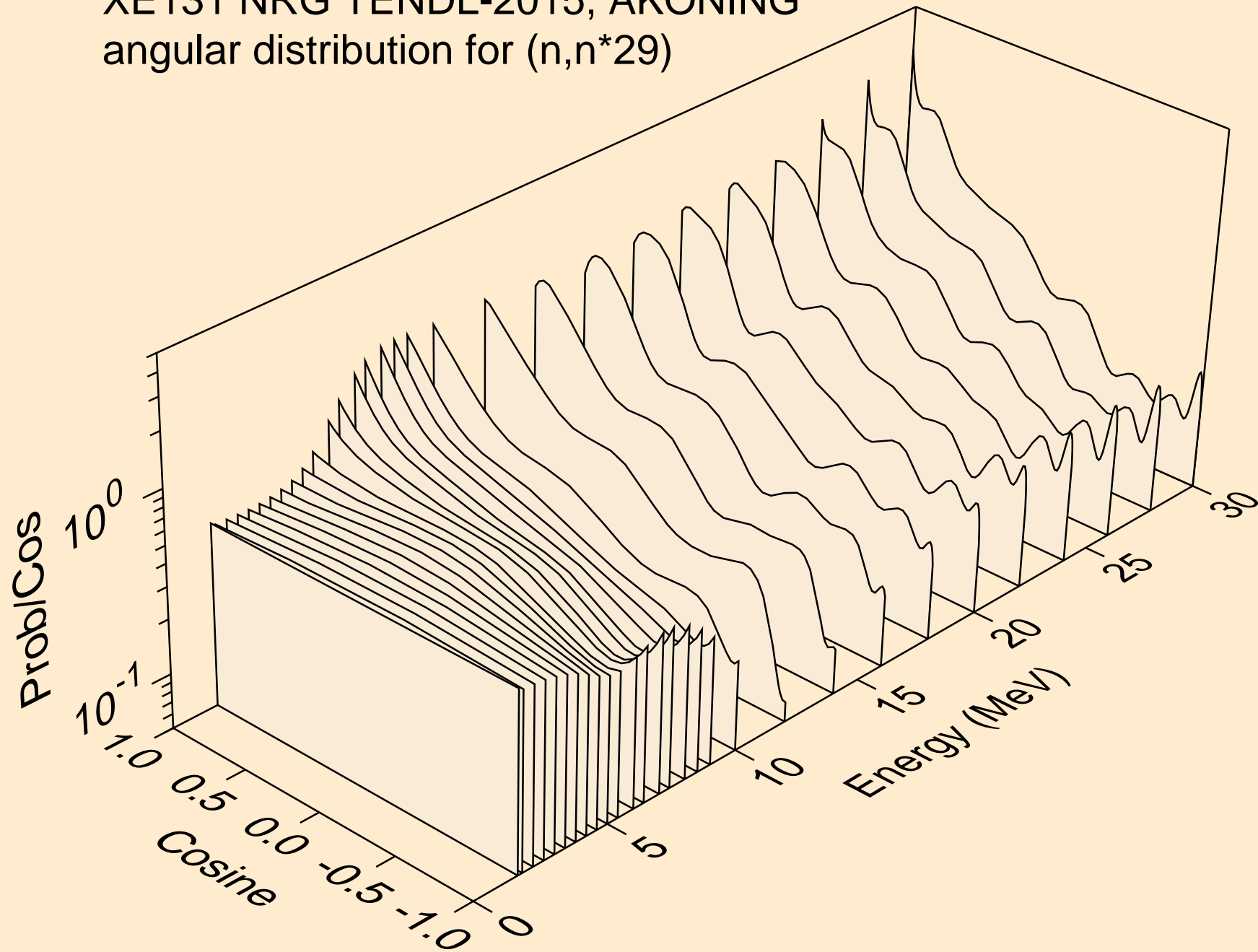


XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

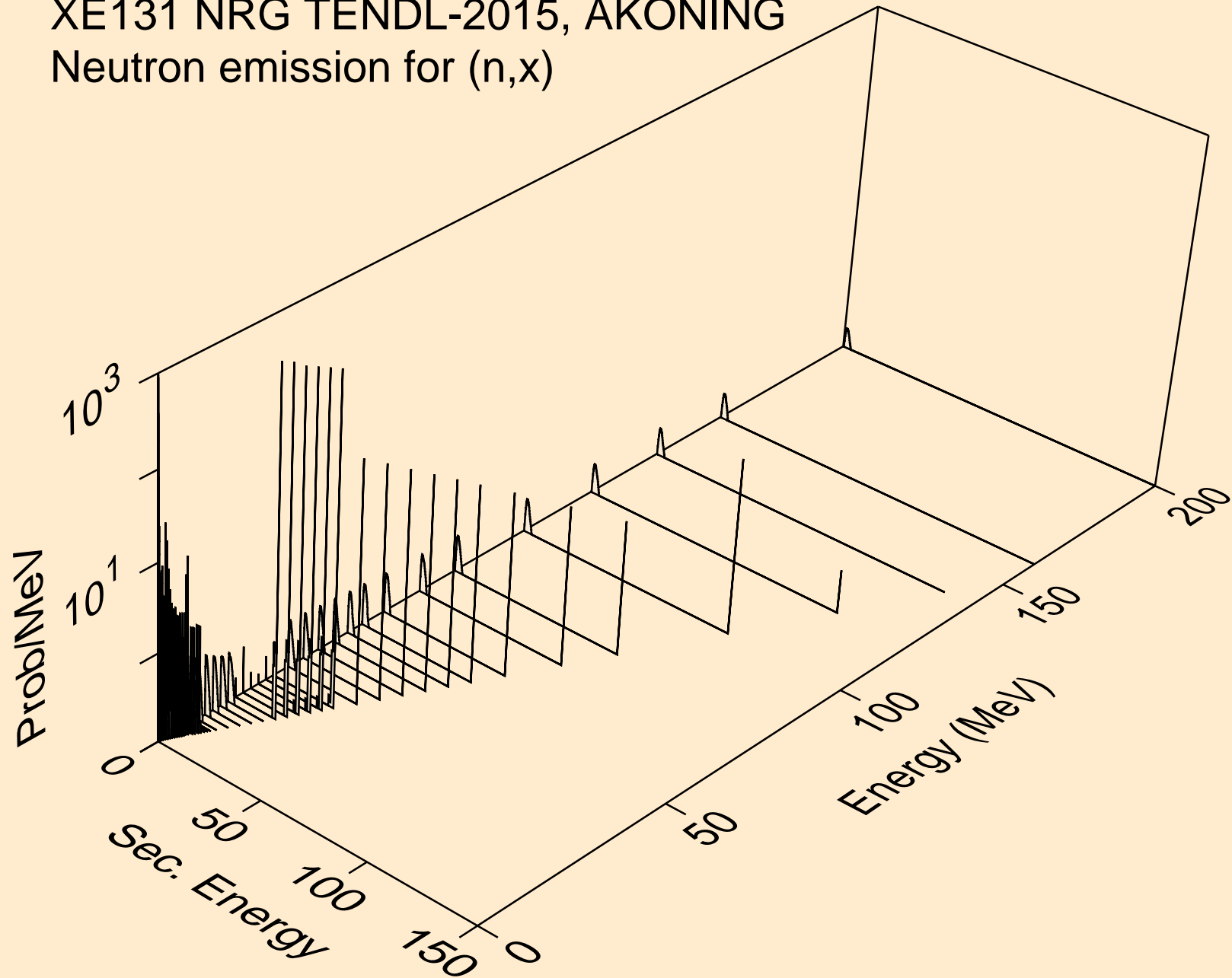




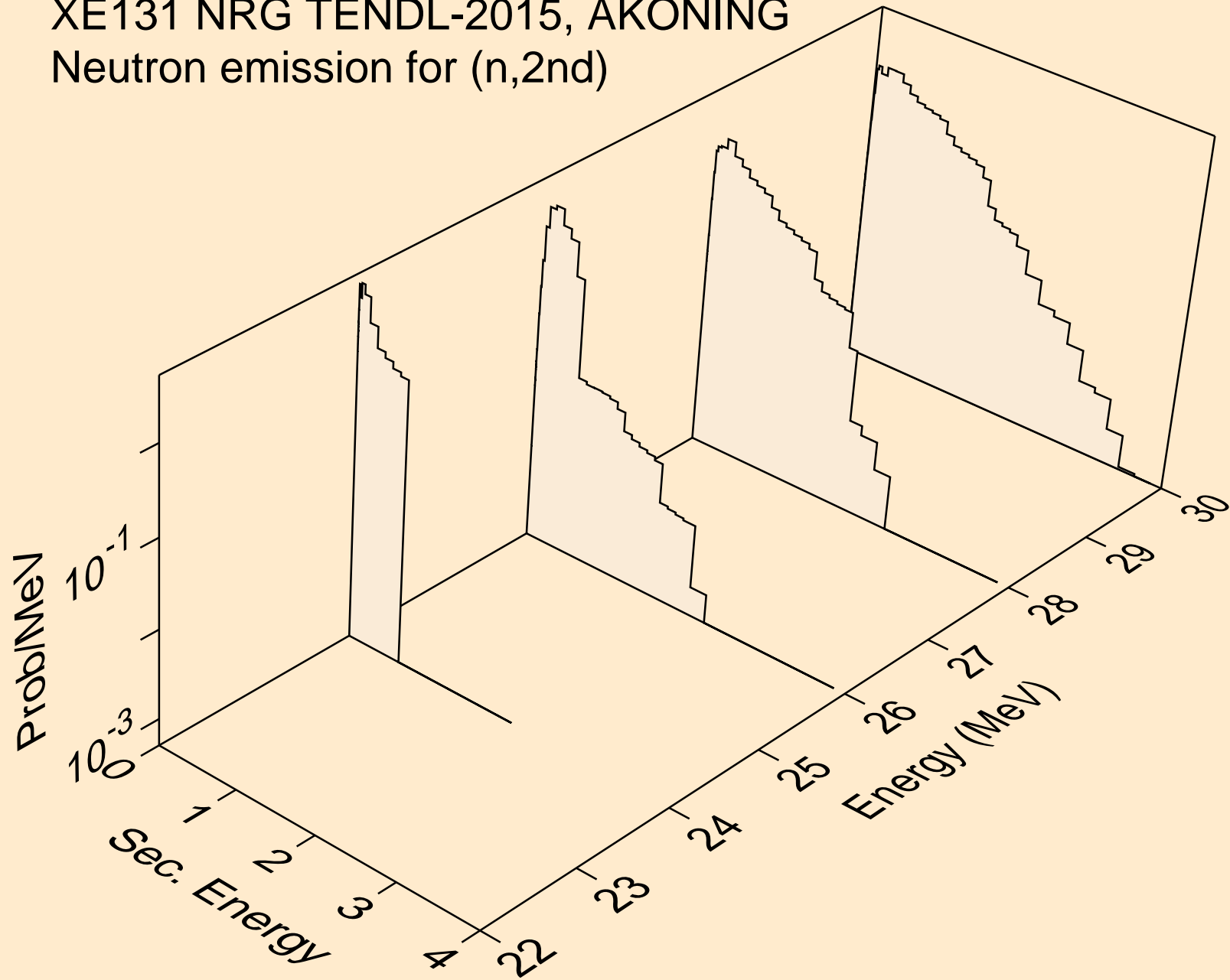
XE131 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



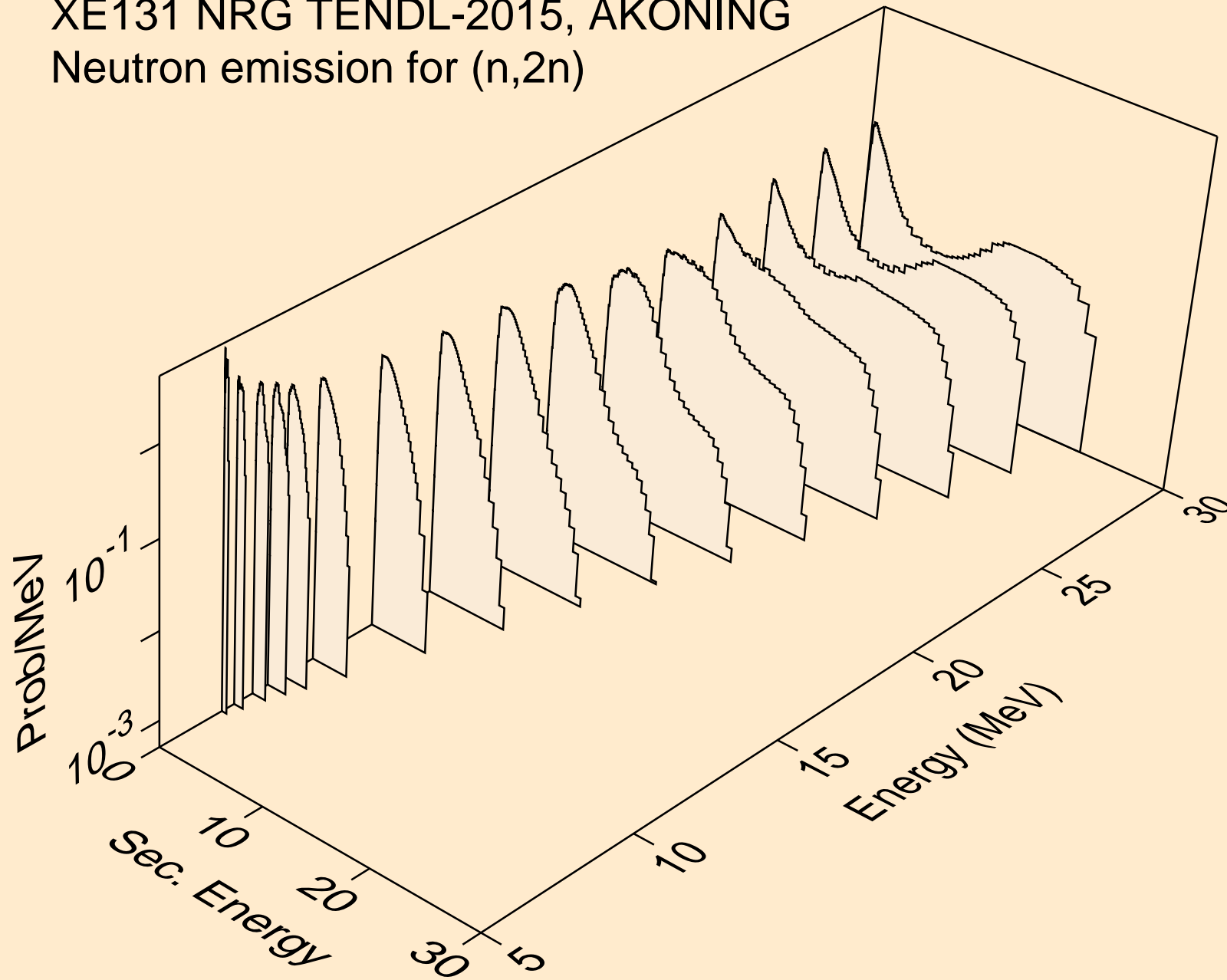
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



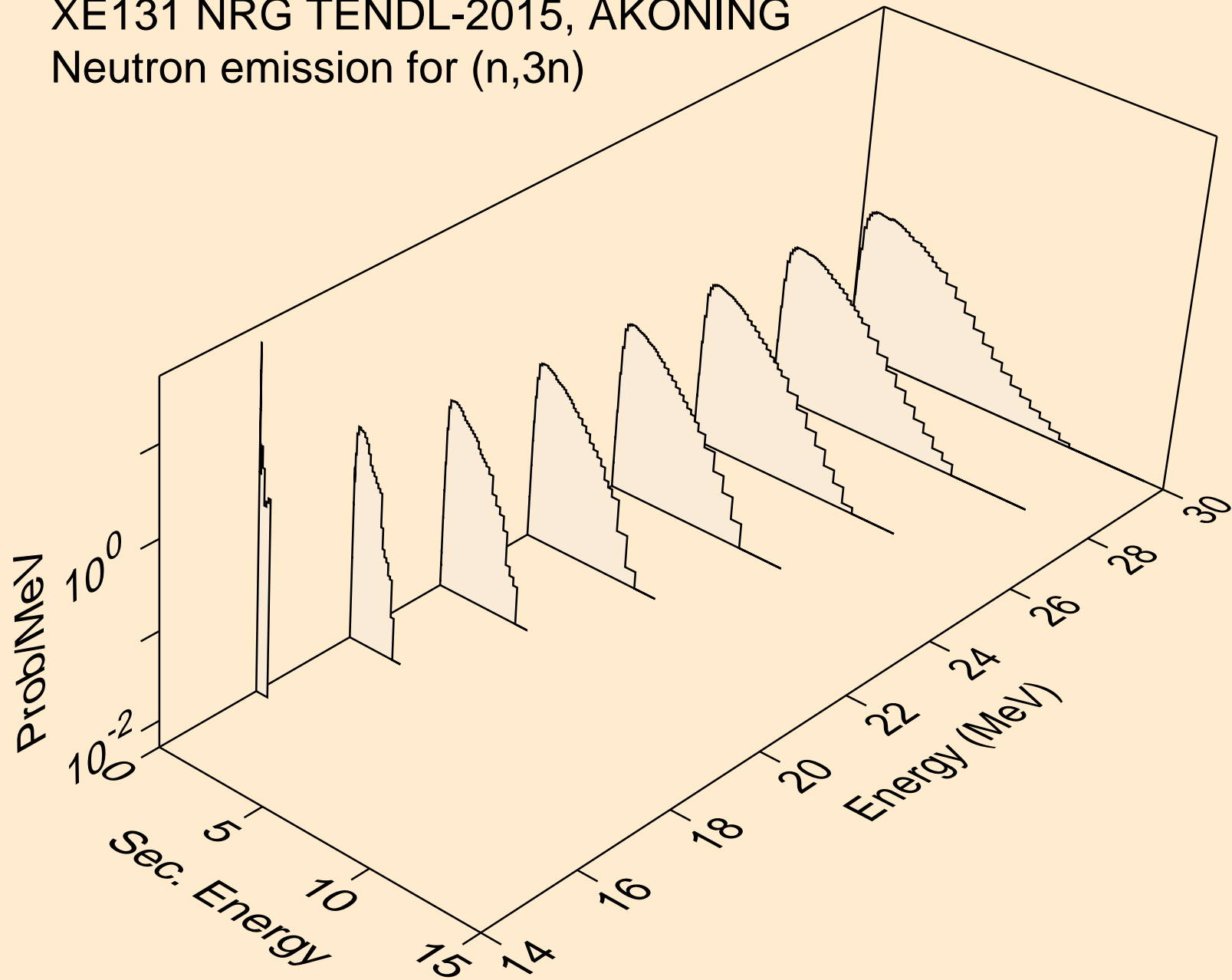
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



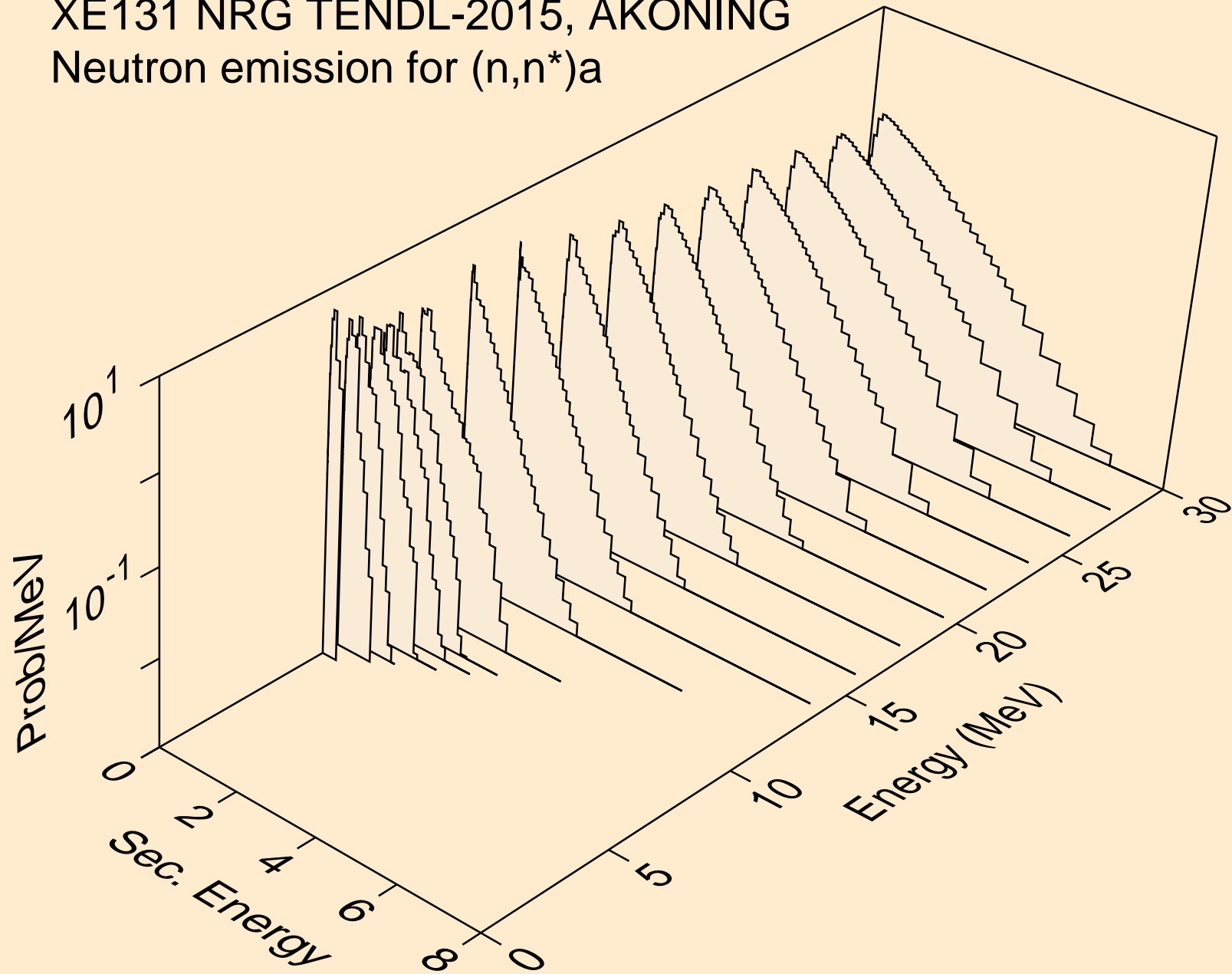
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



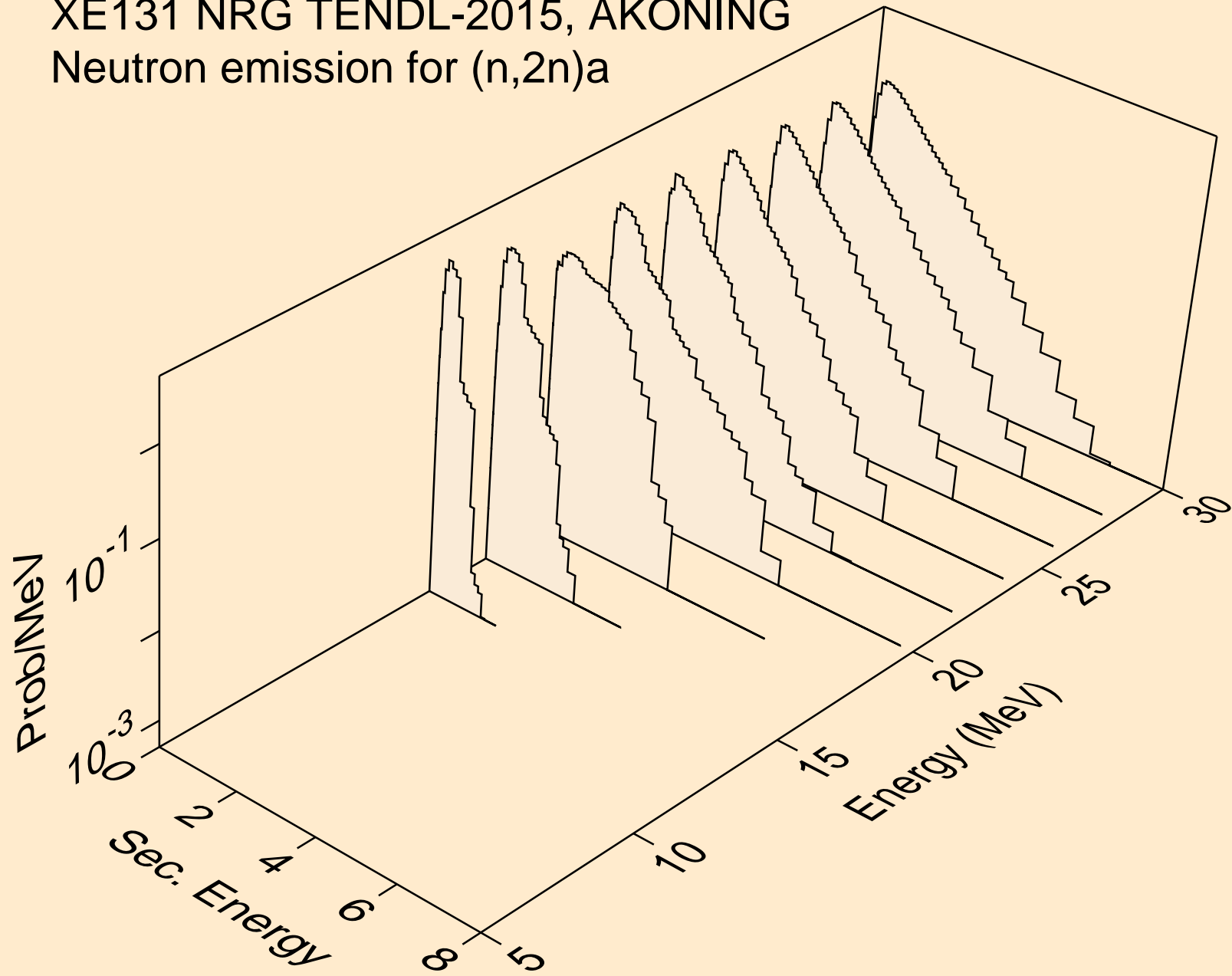
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



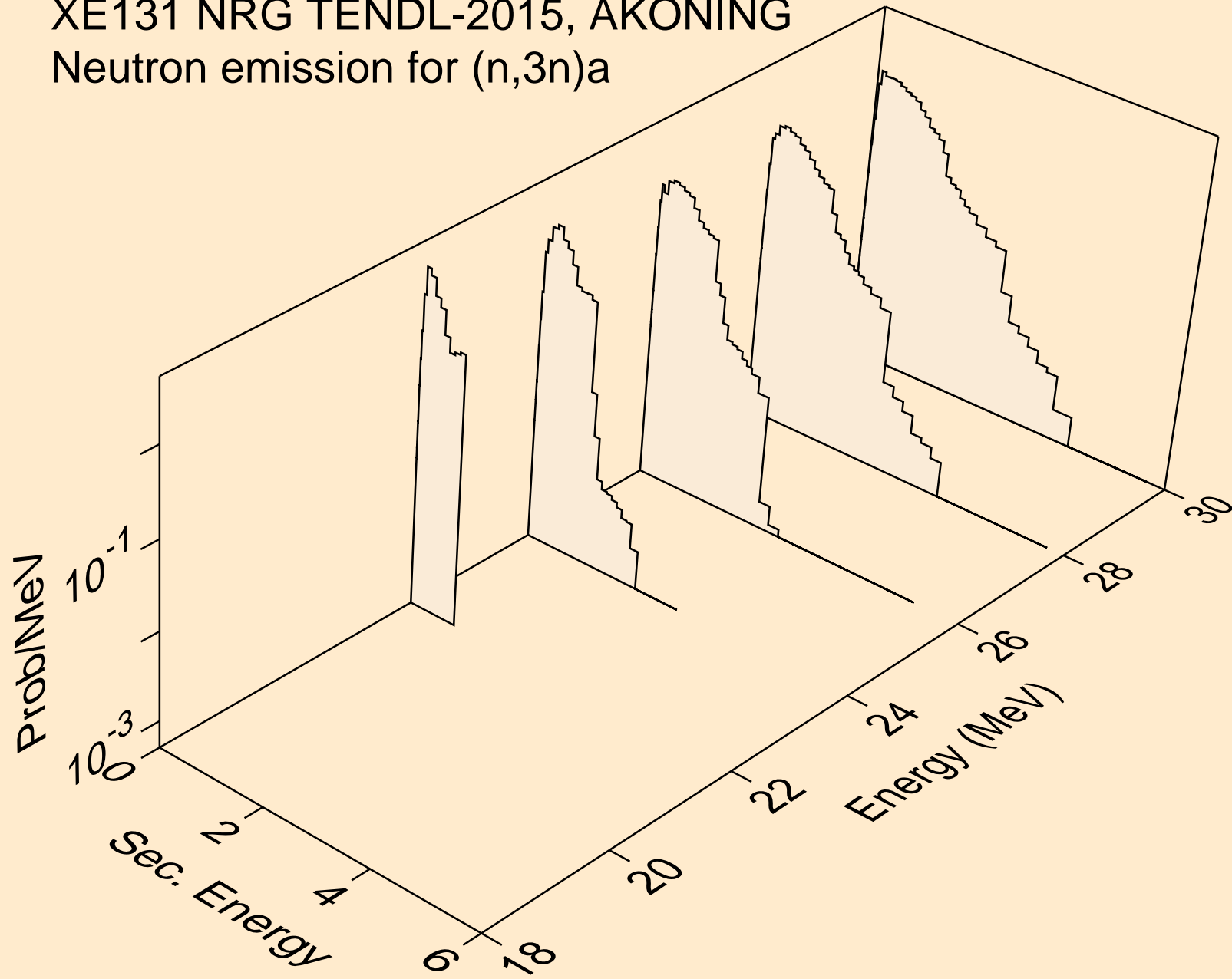
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

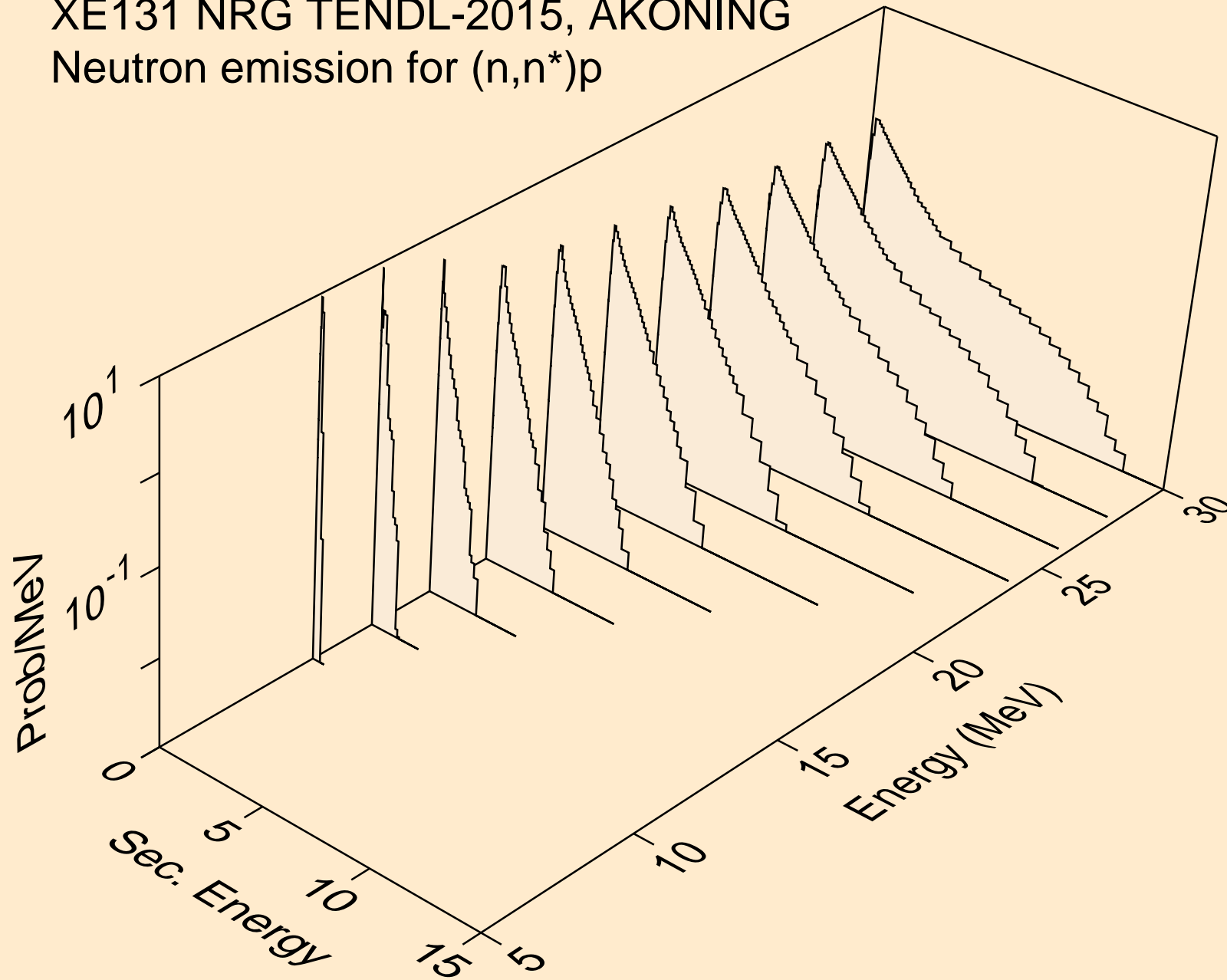


XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

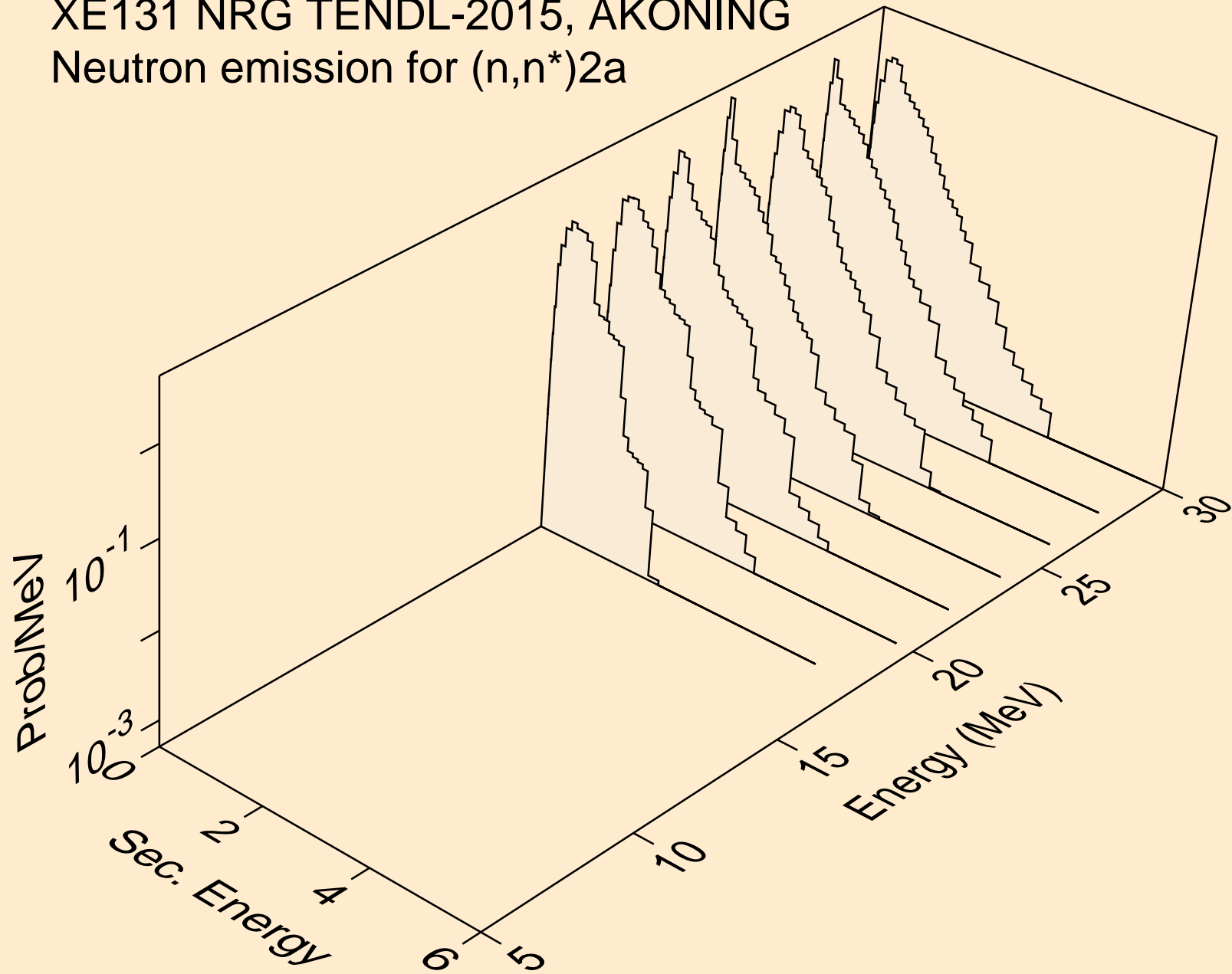




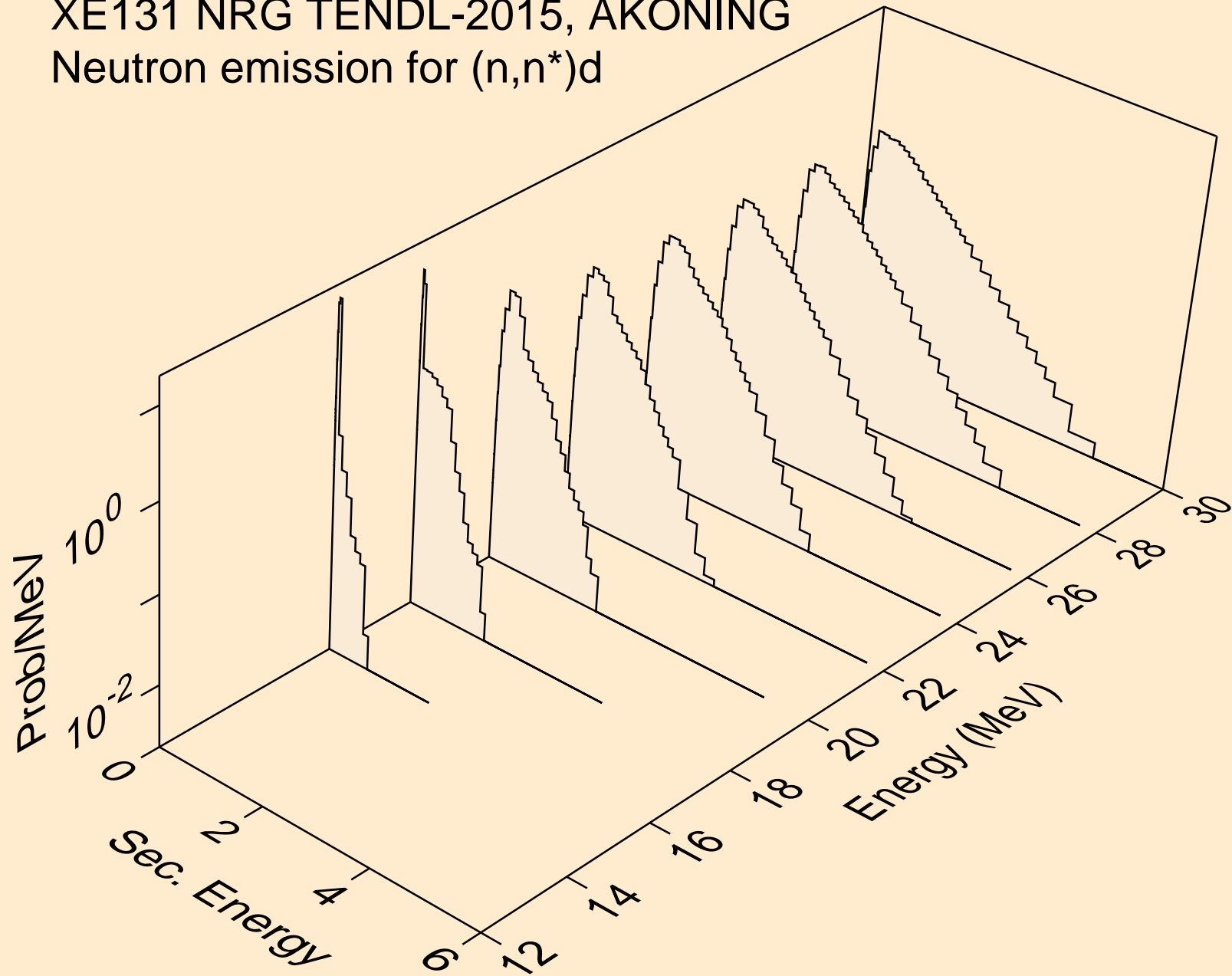
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



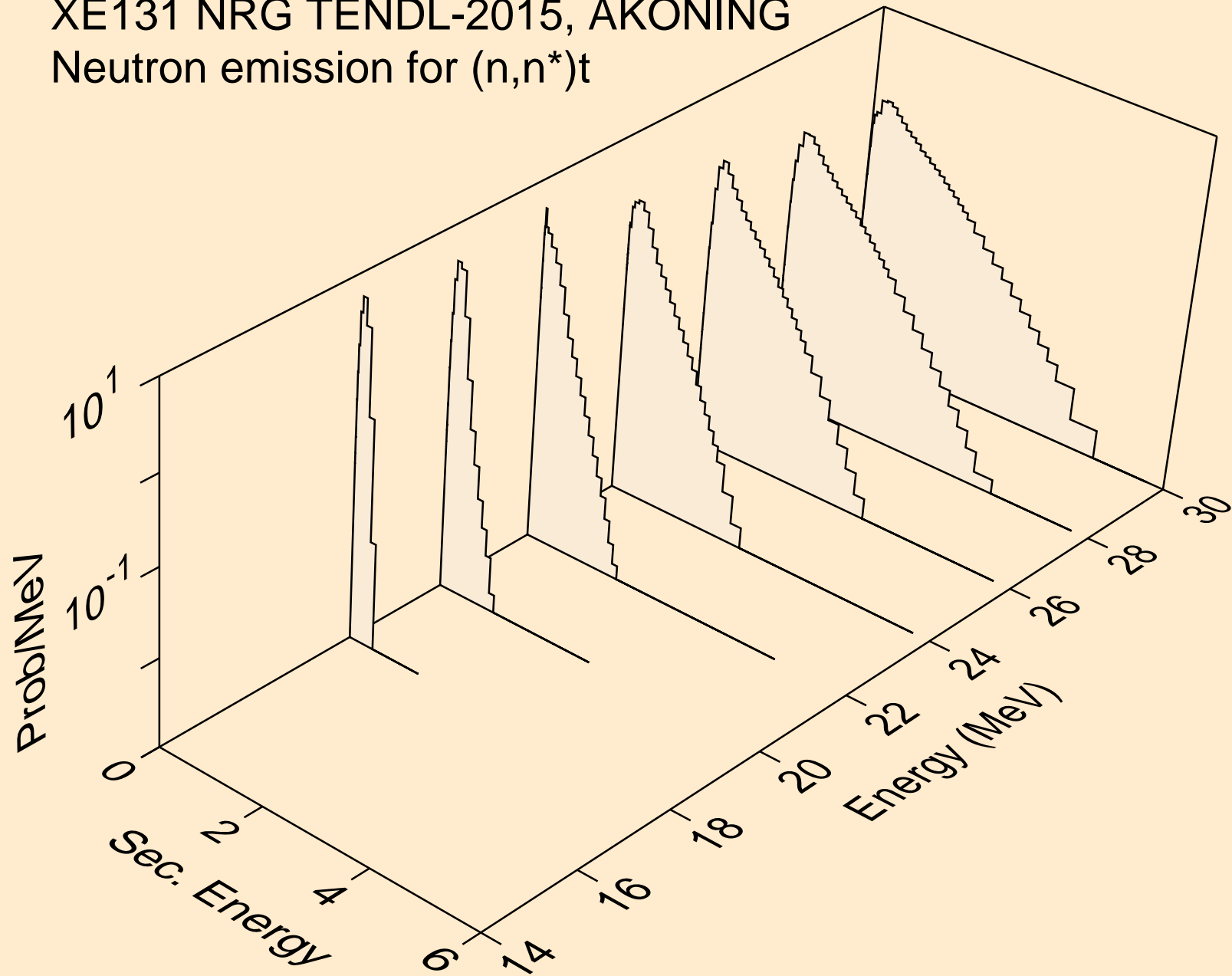
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



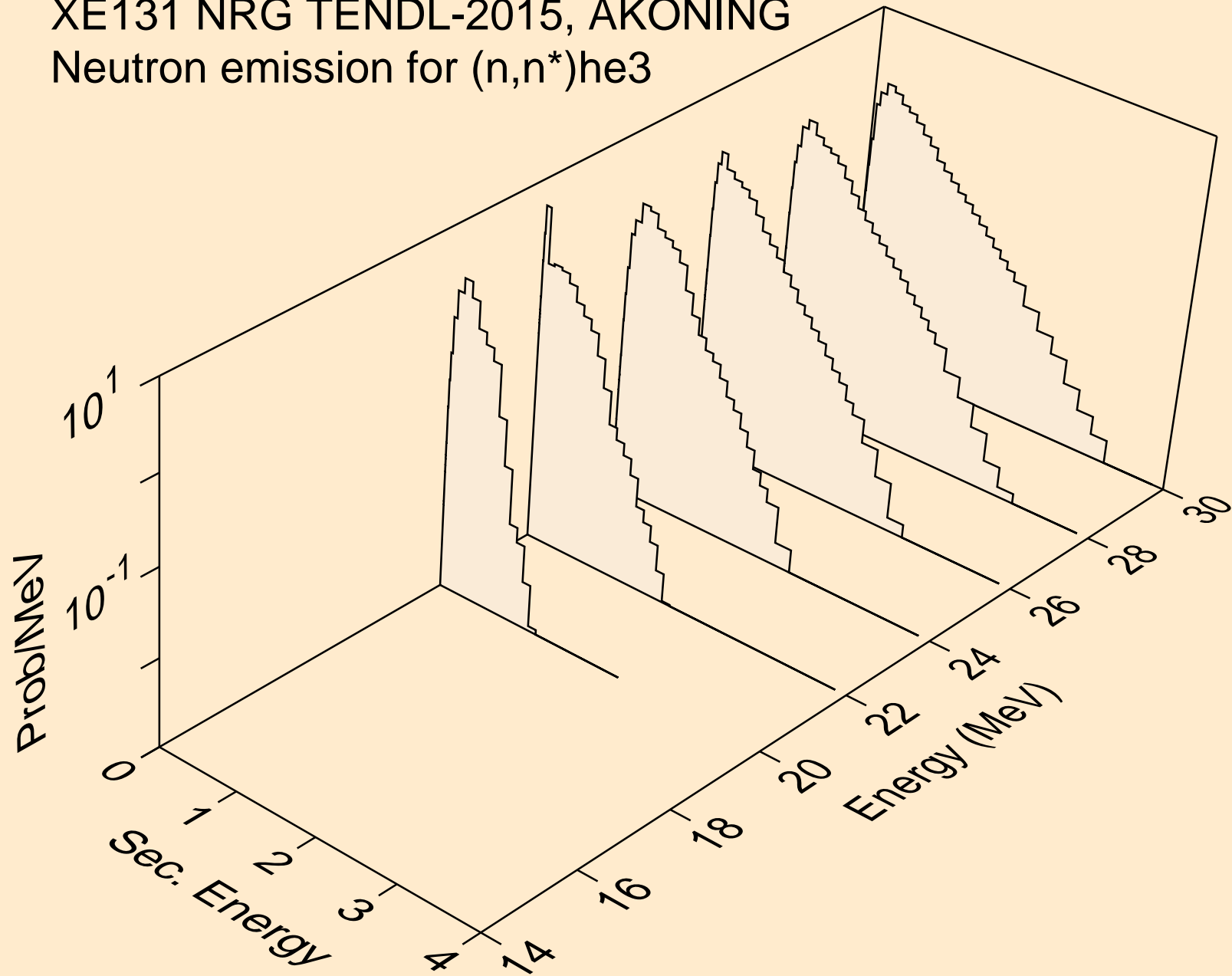
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



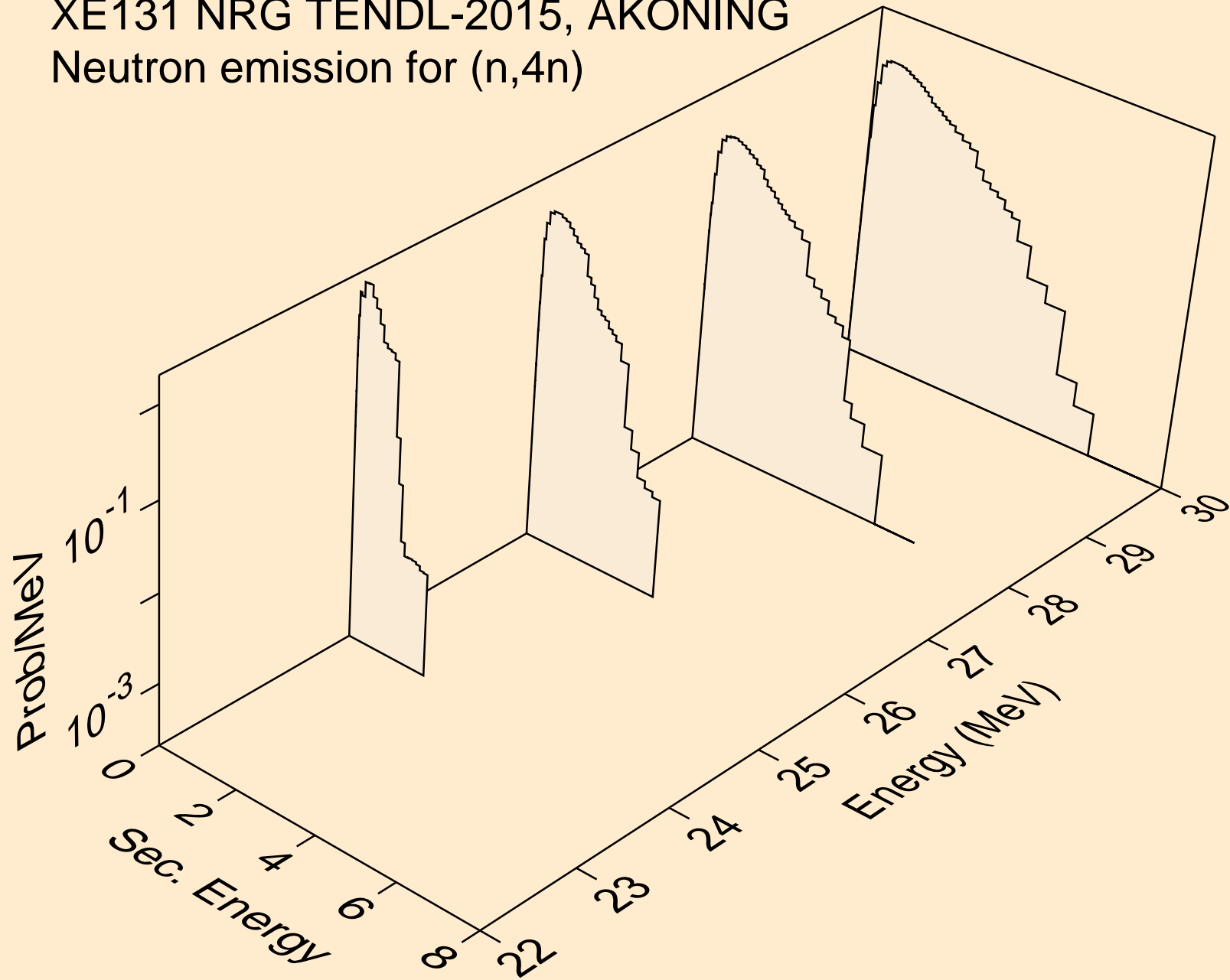
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



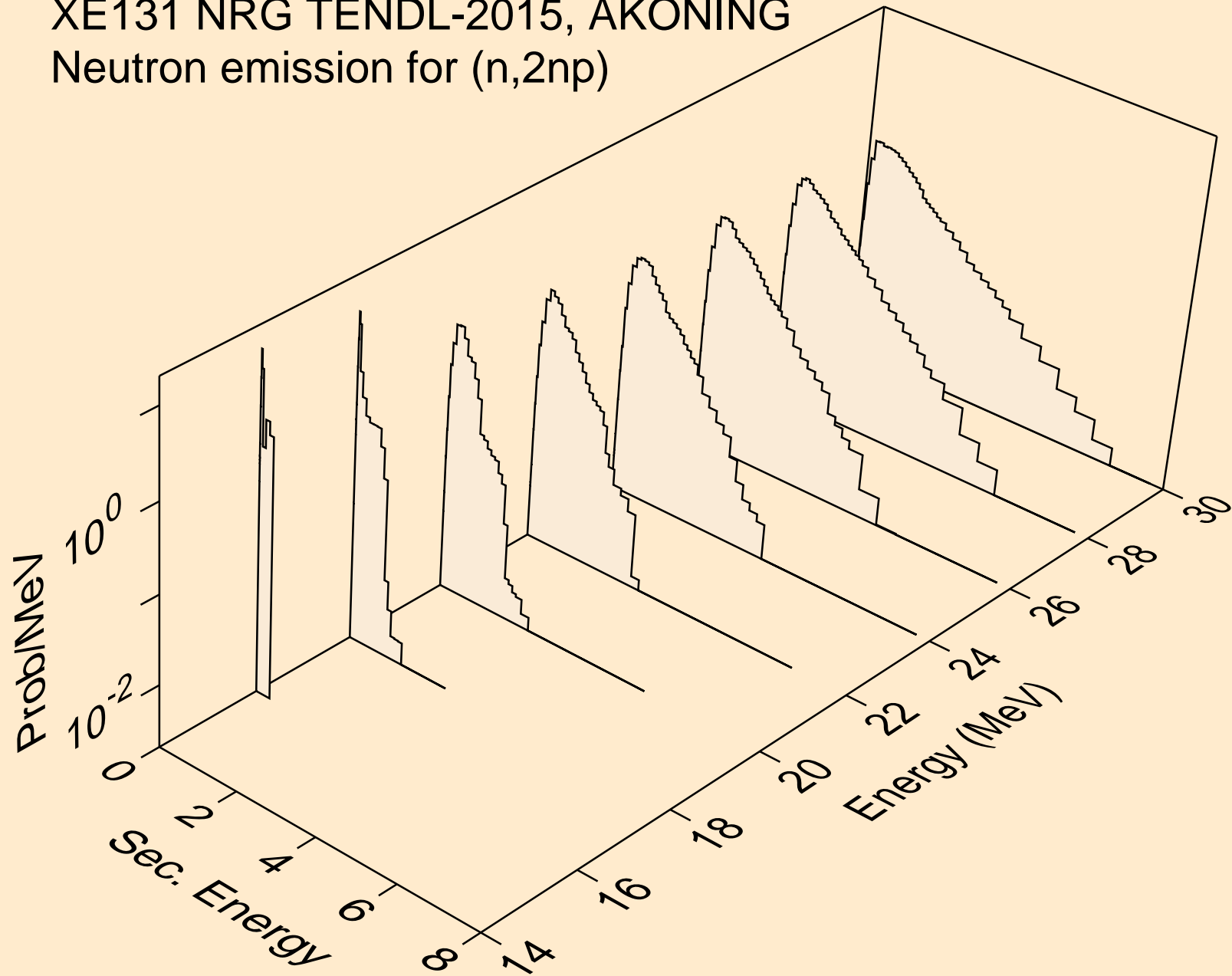
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



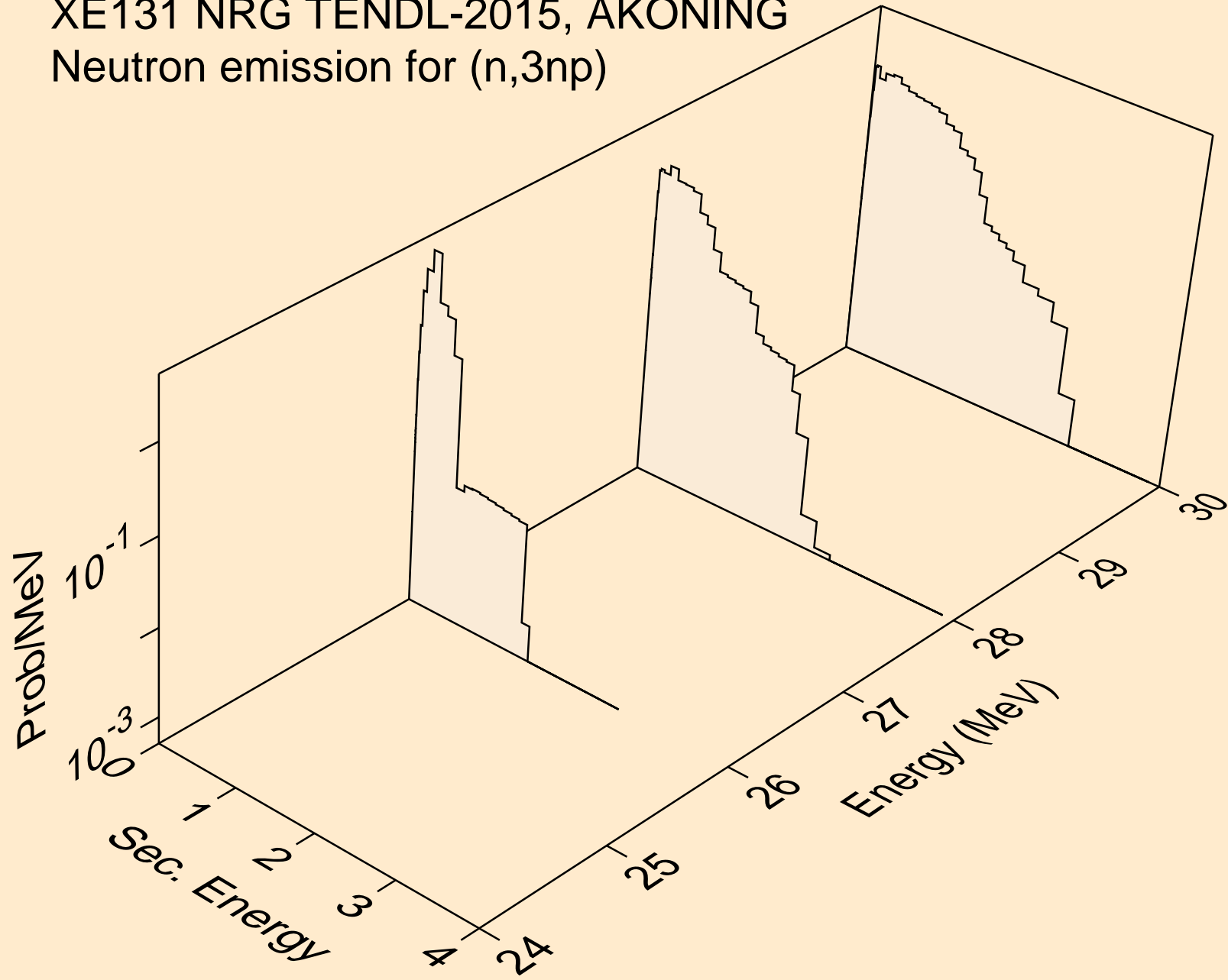
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

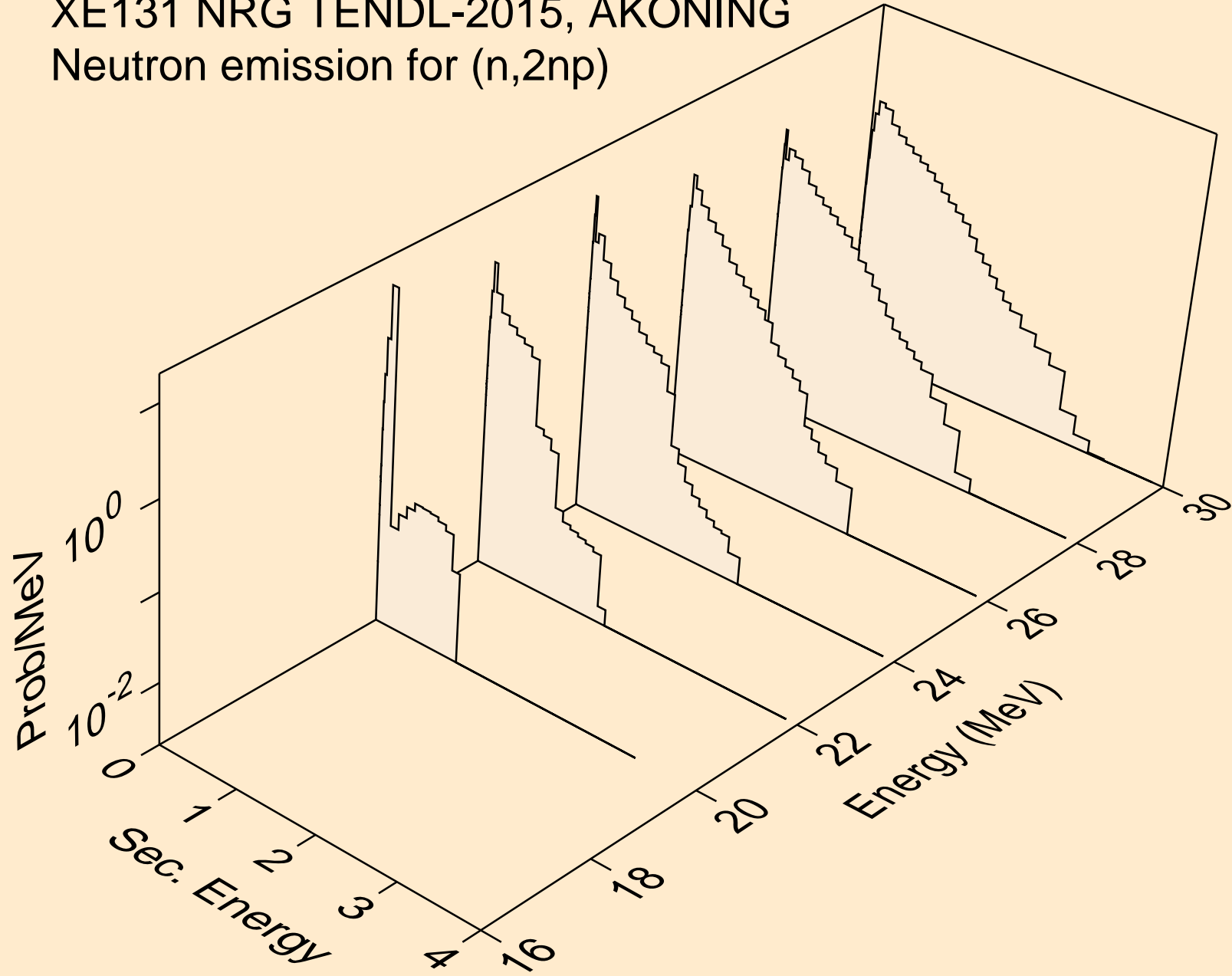


XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

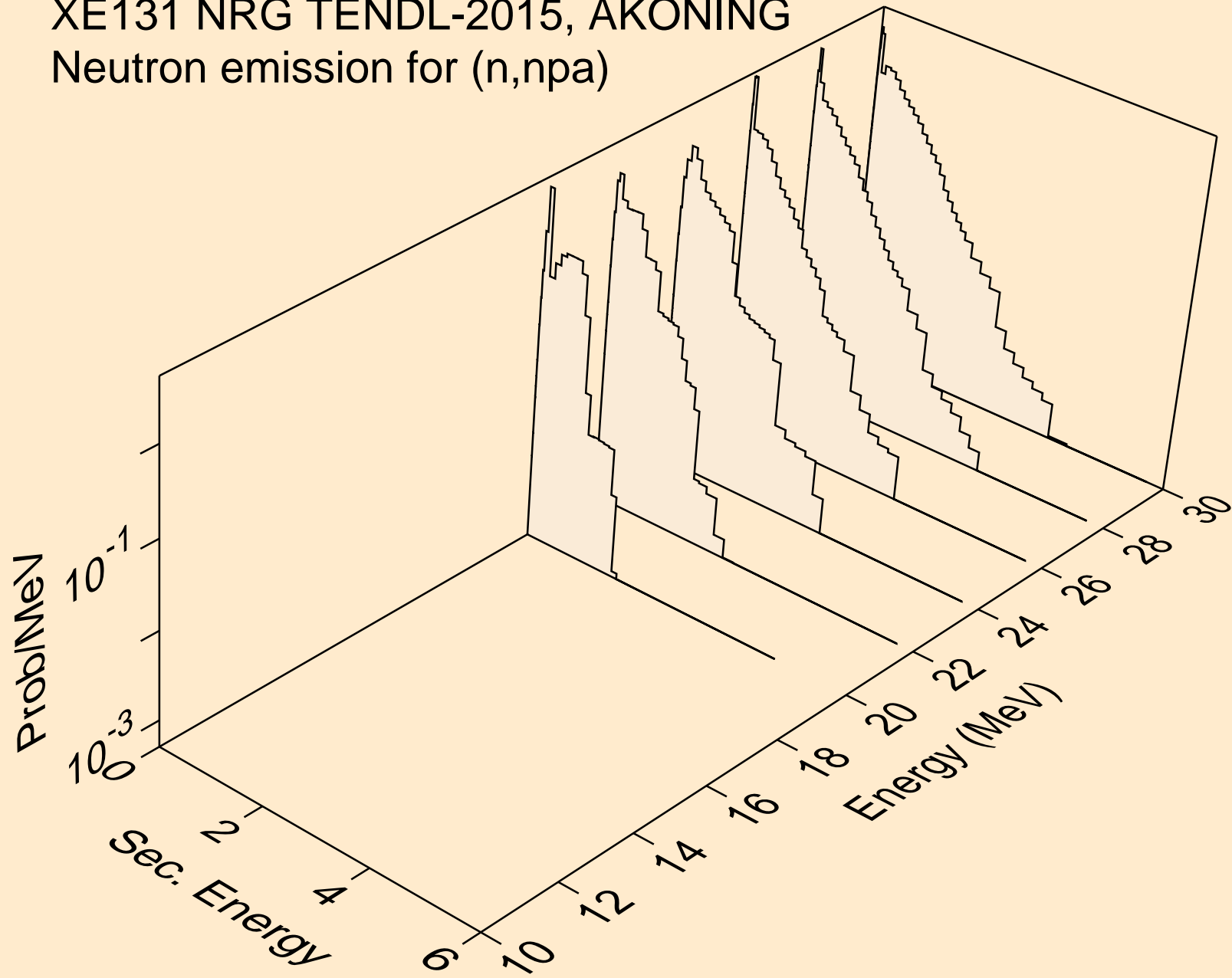




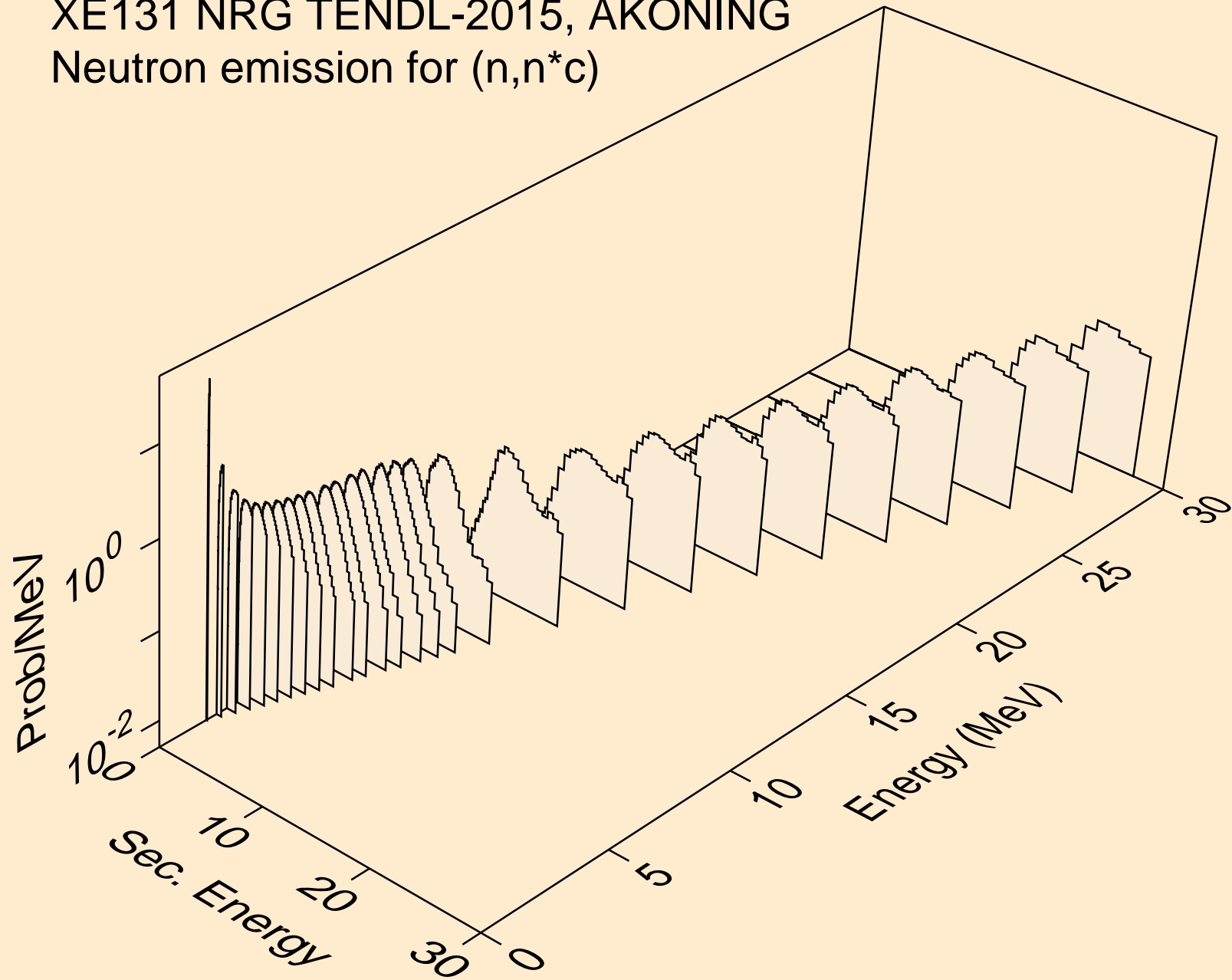
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



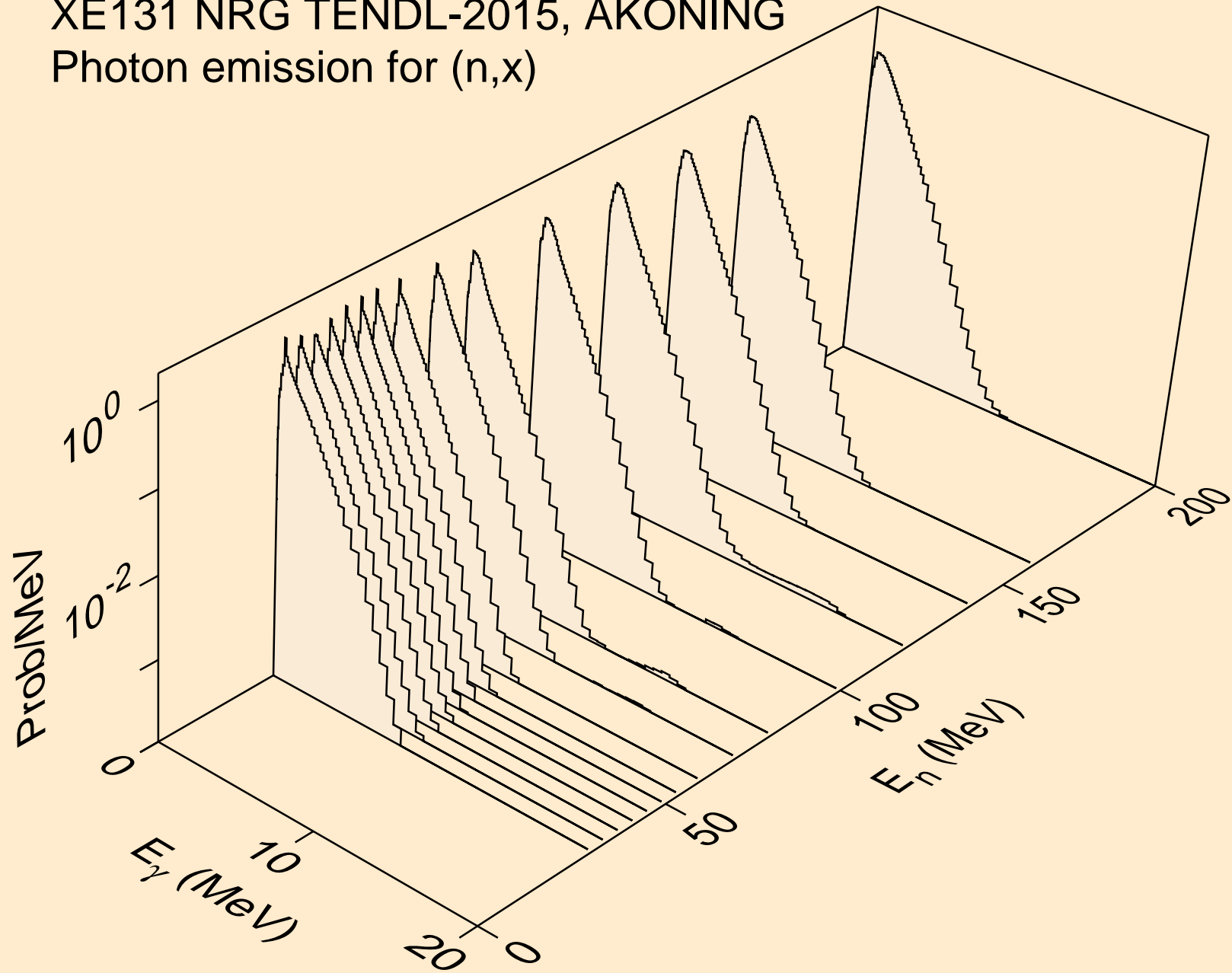
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



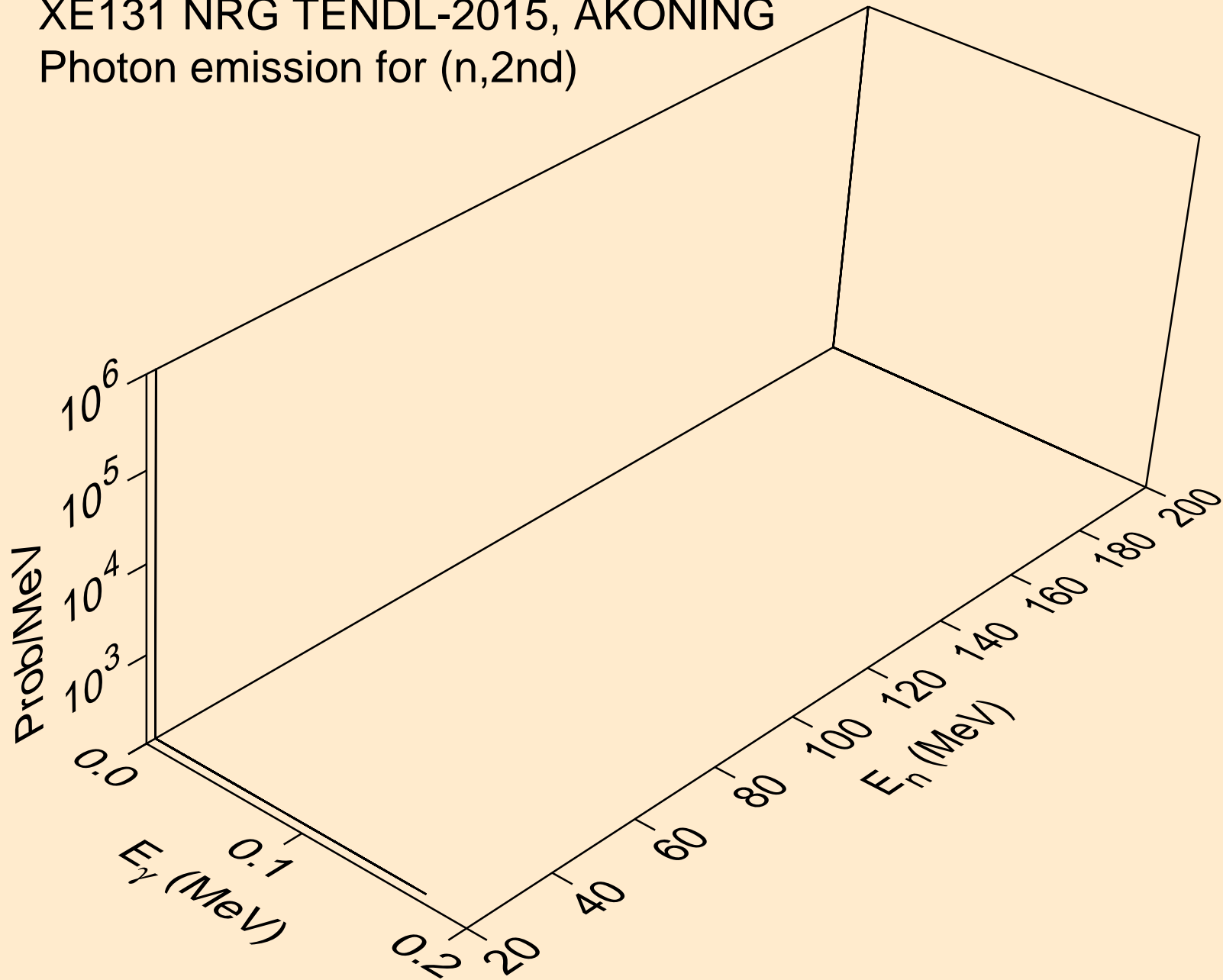
XE131 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



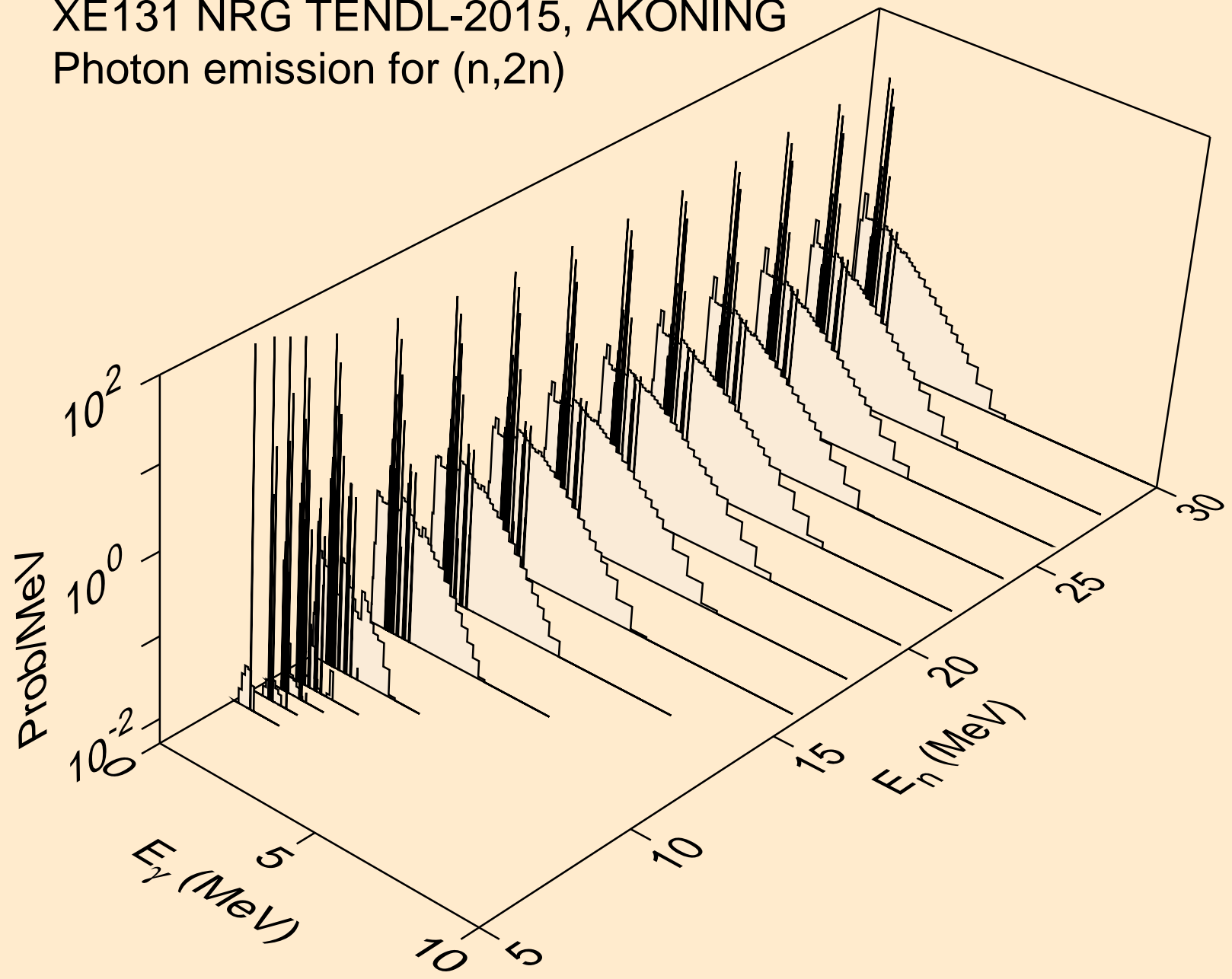
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



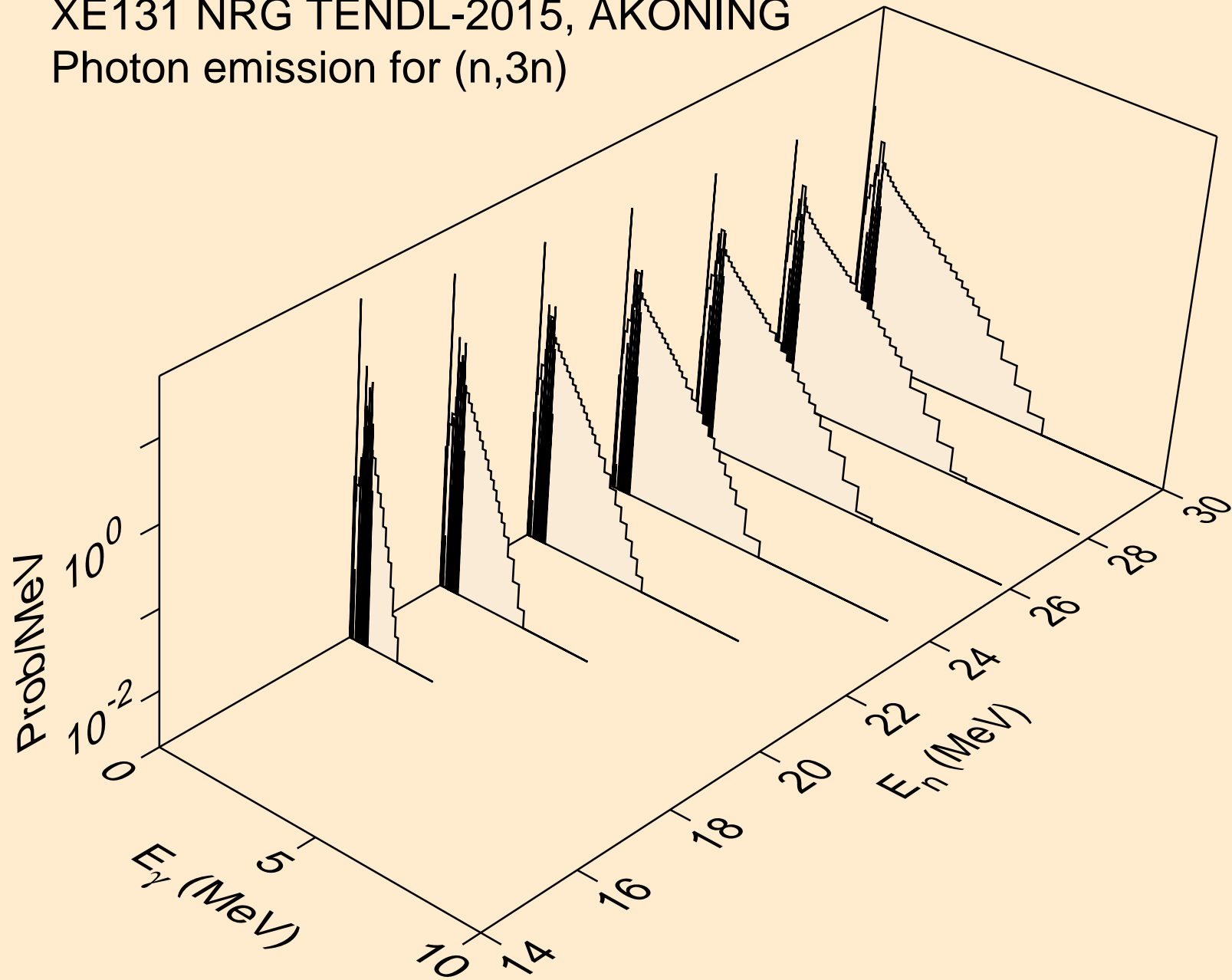
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



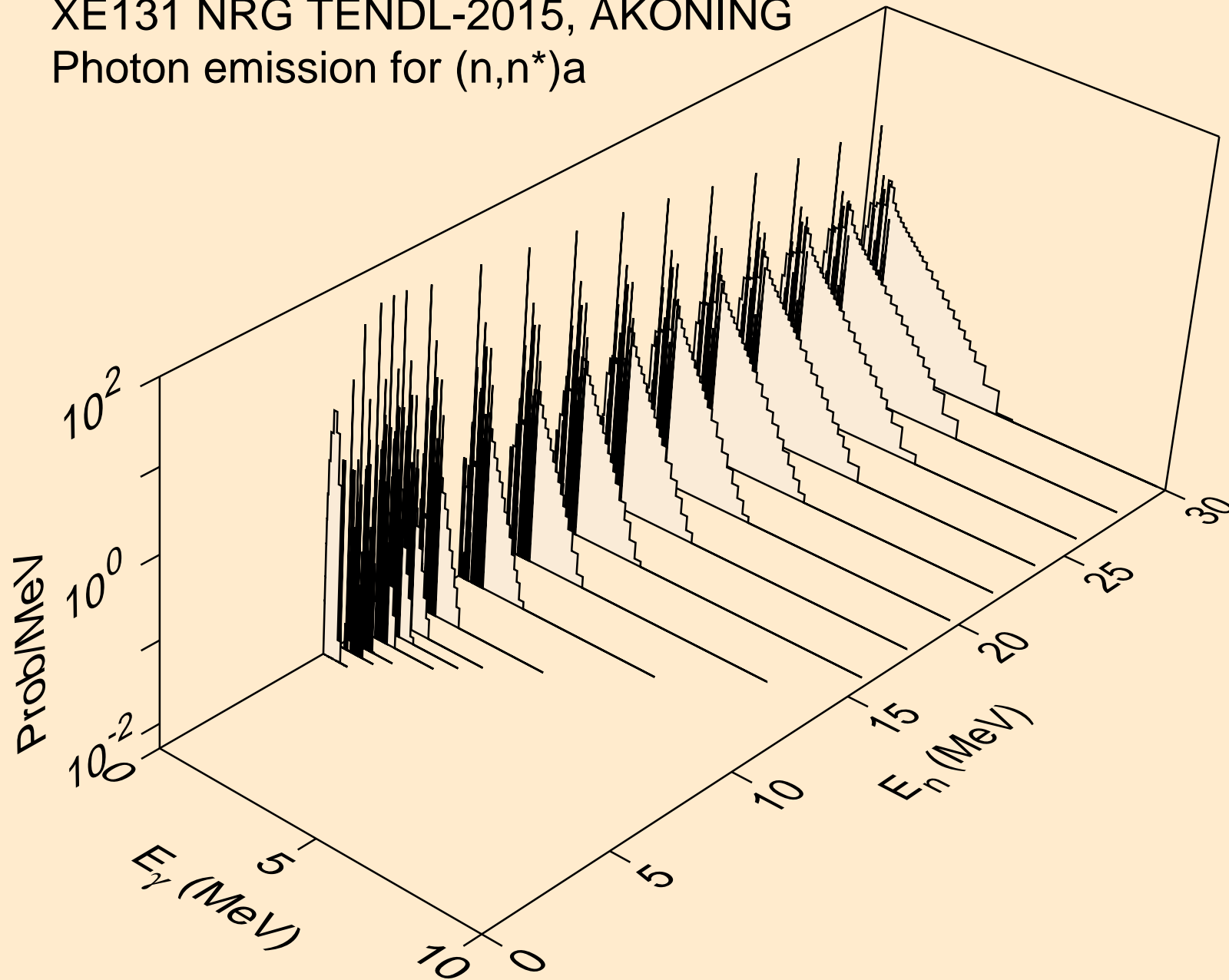
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

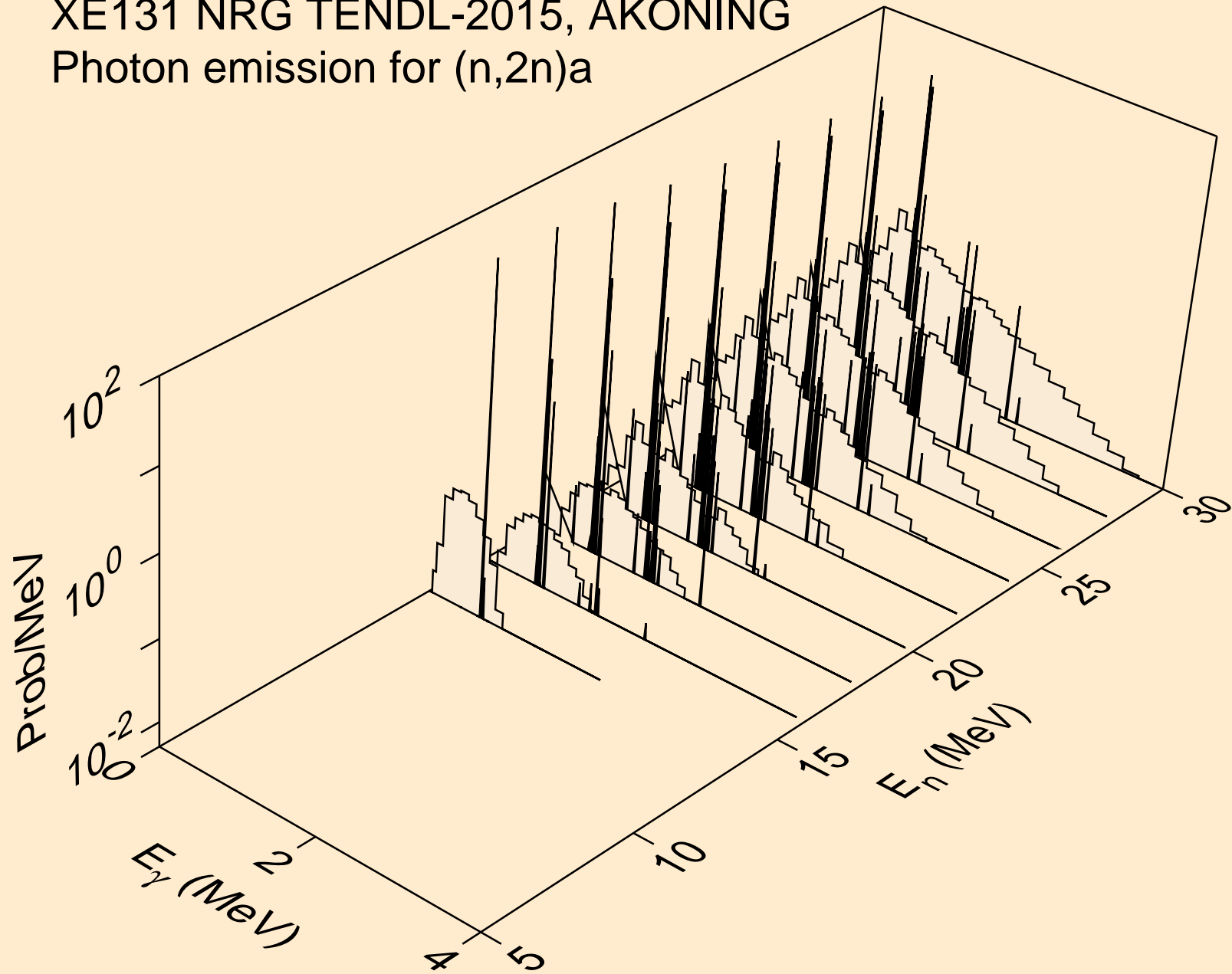


XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

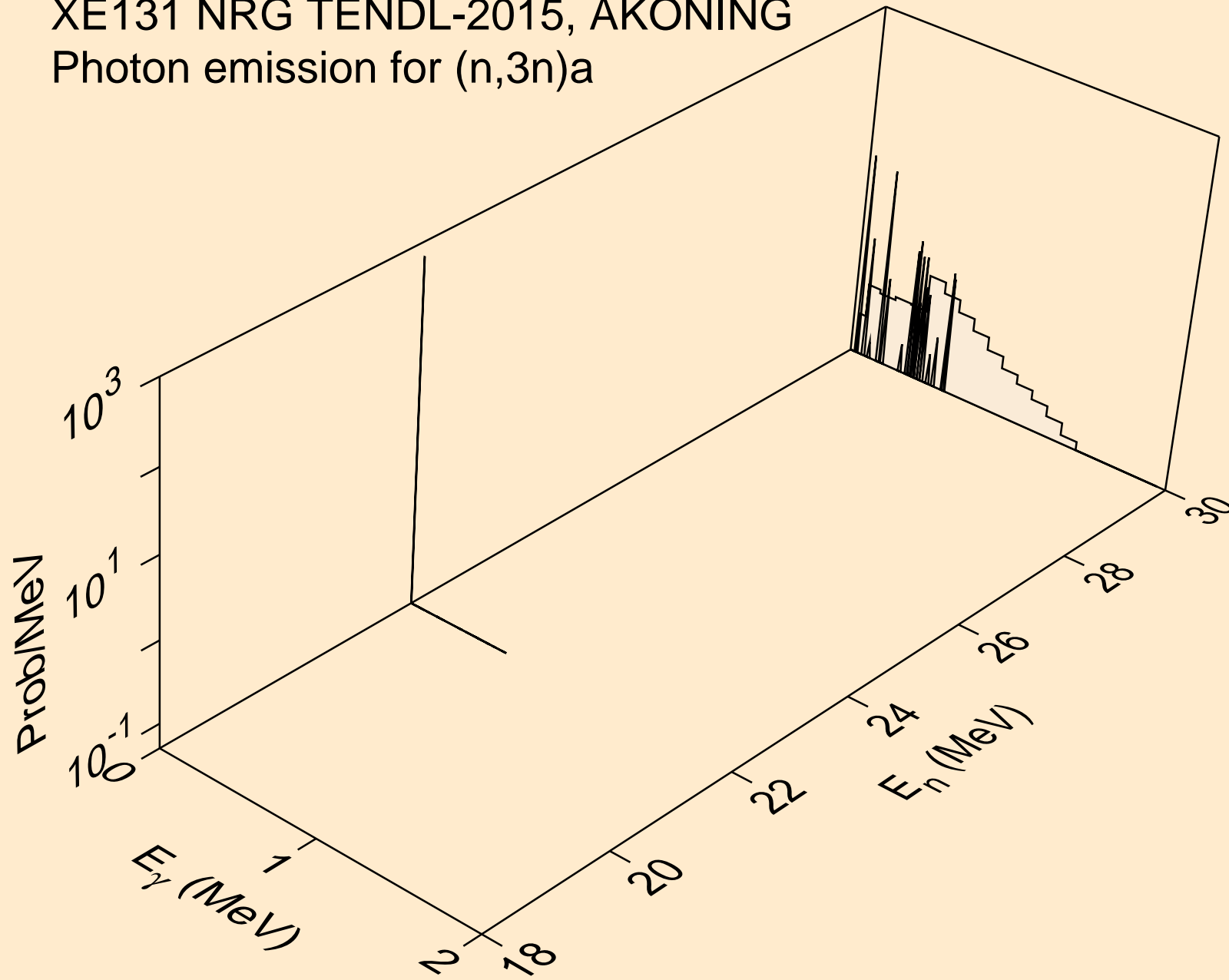




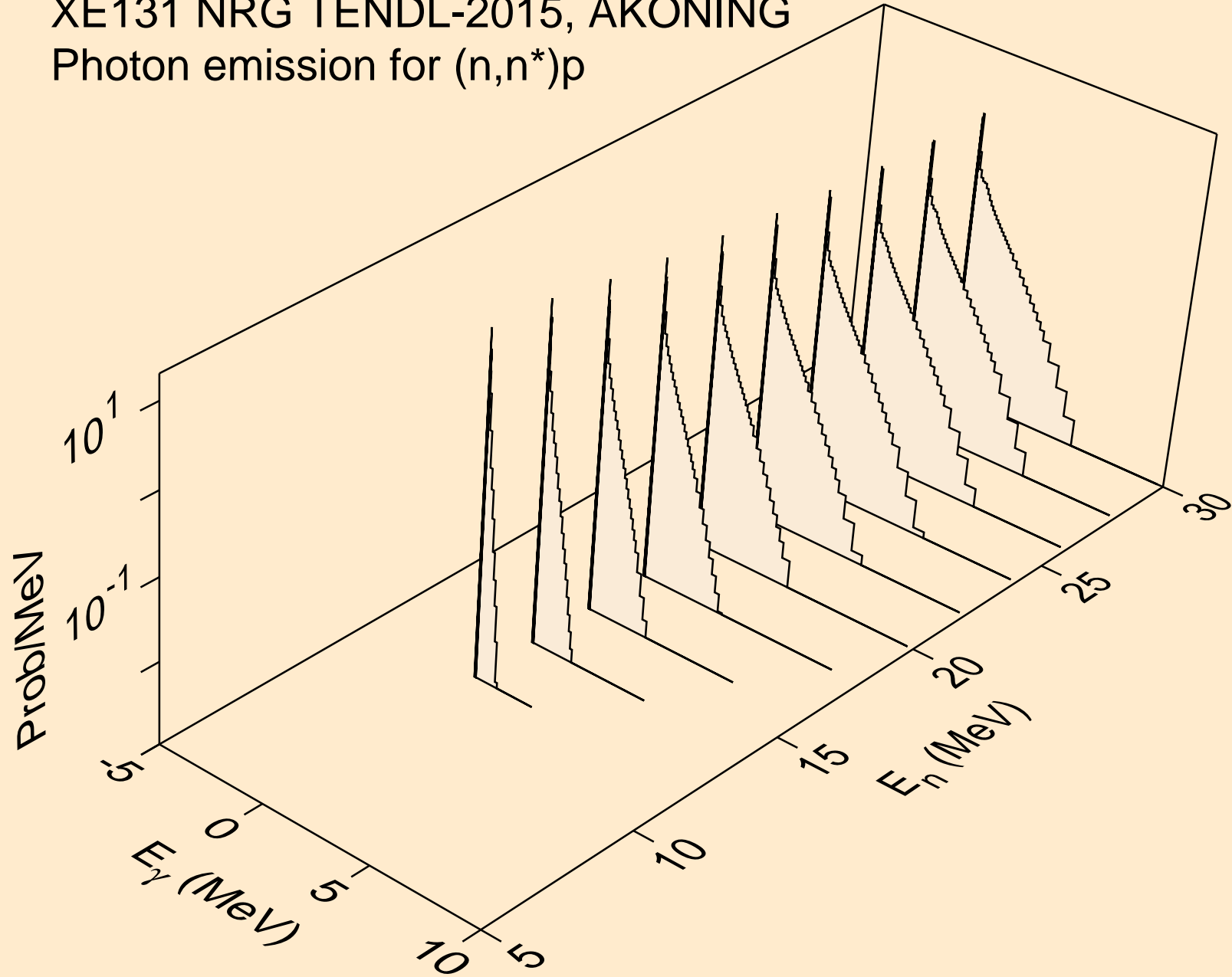
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



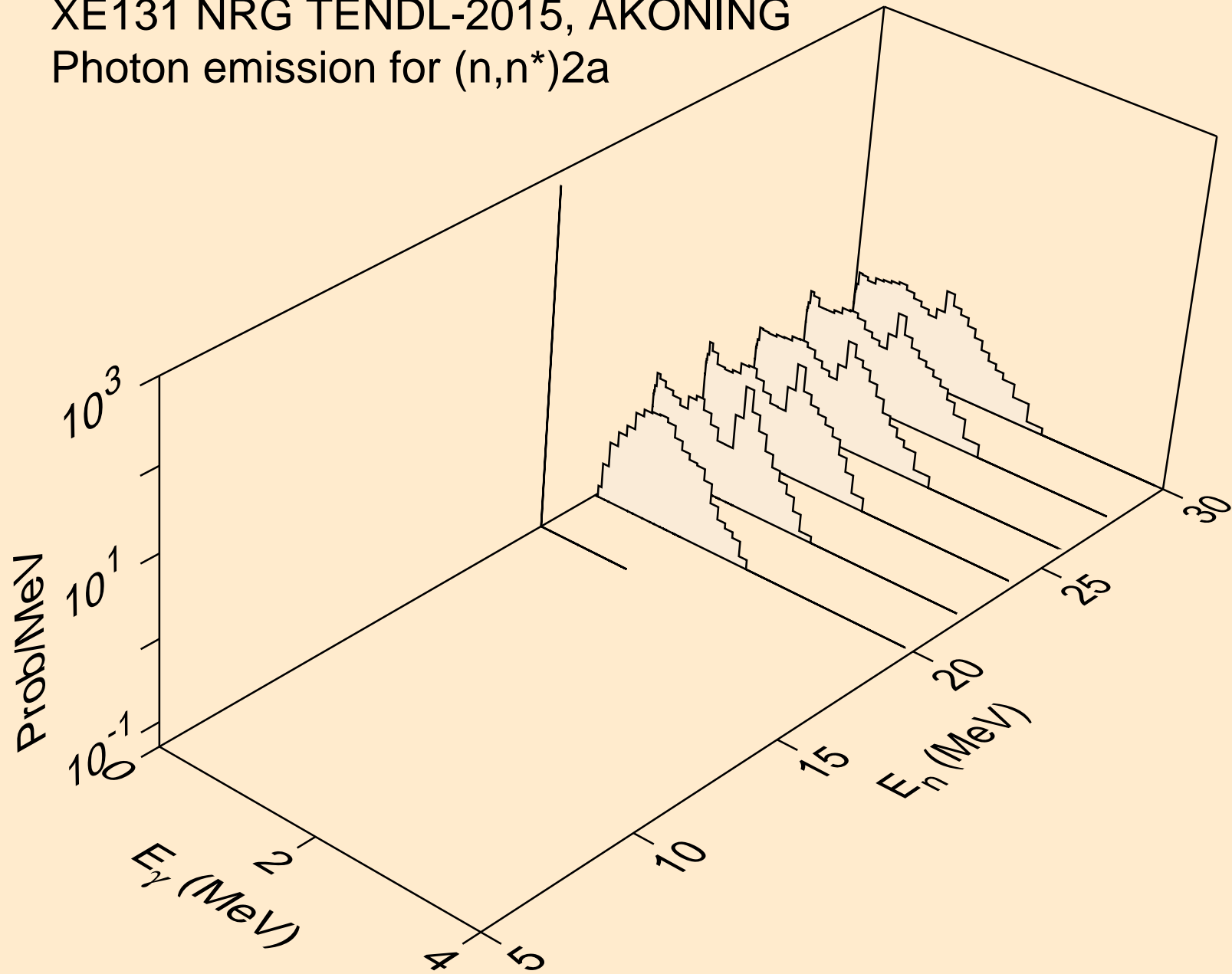
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



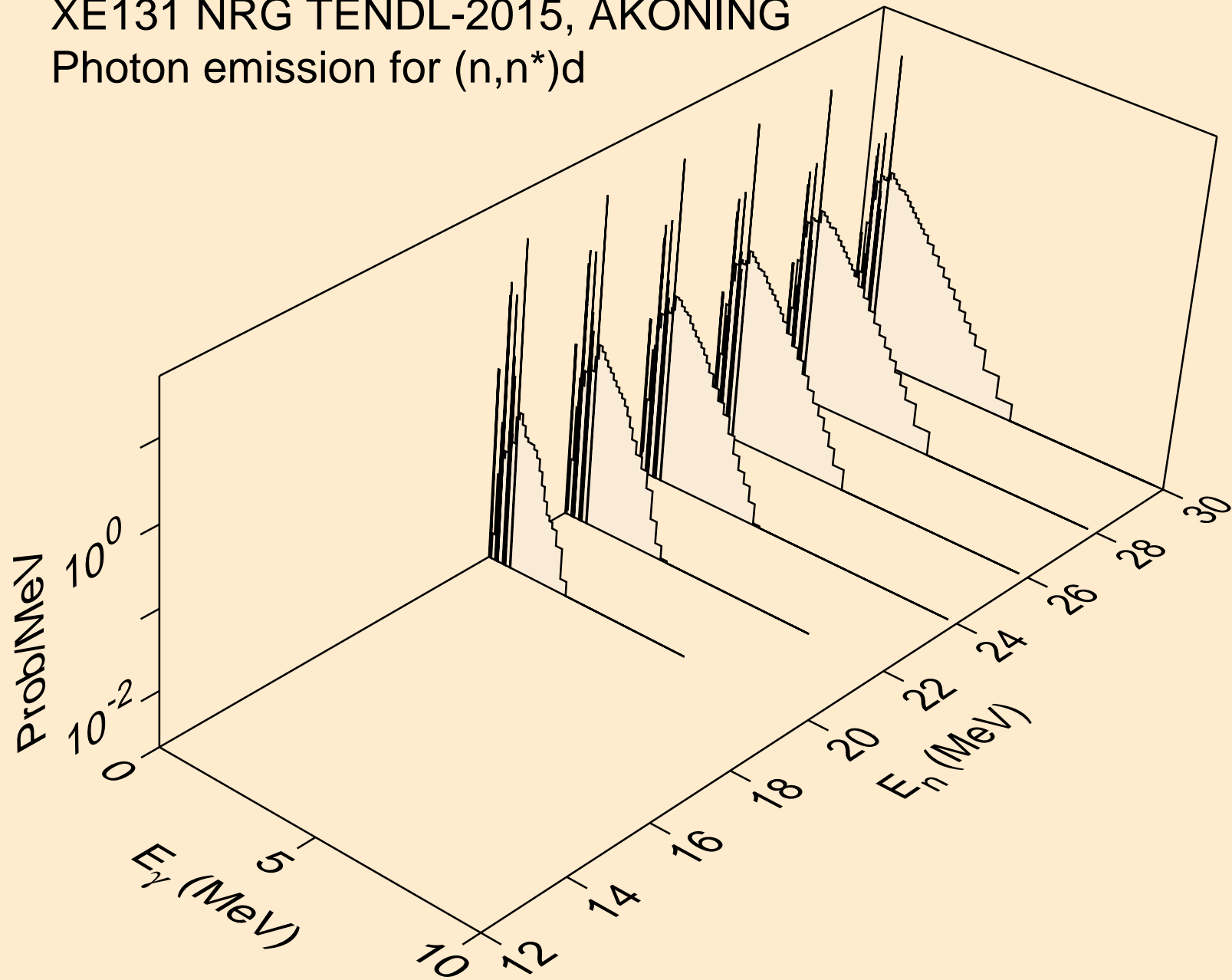
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



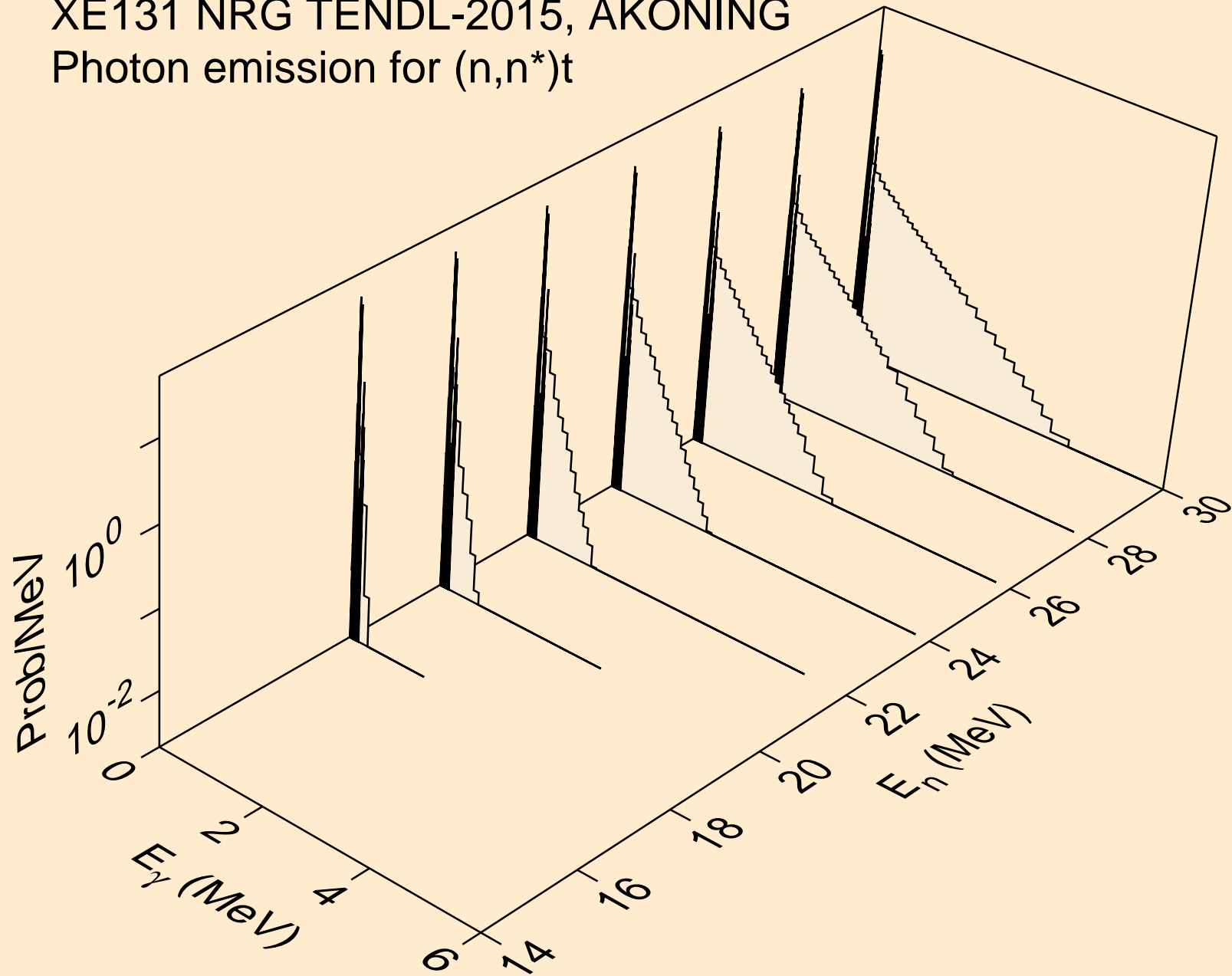
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



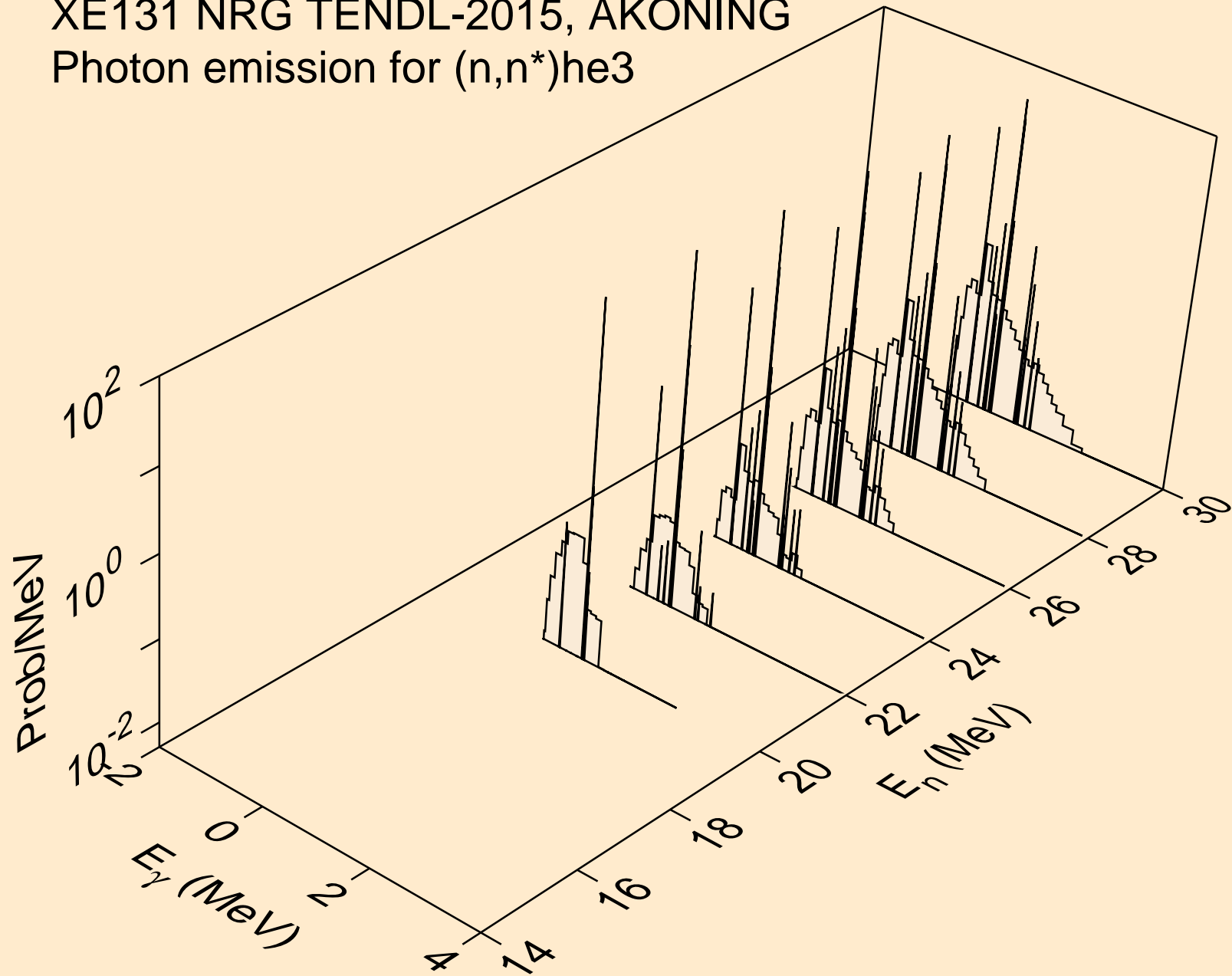
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



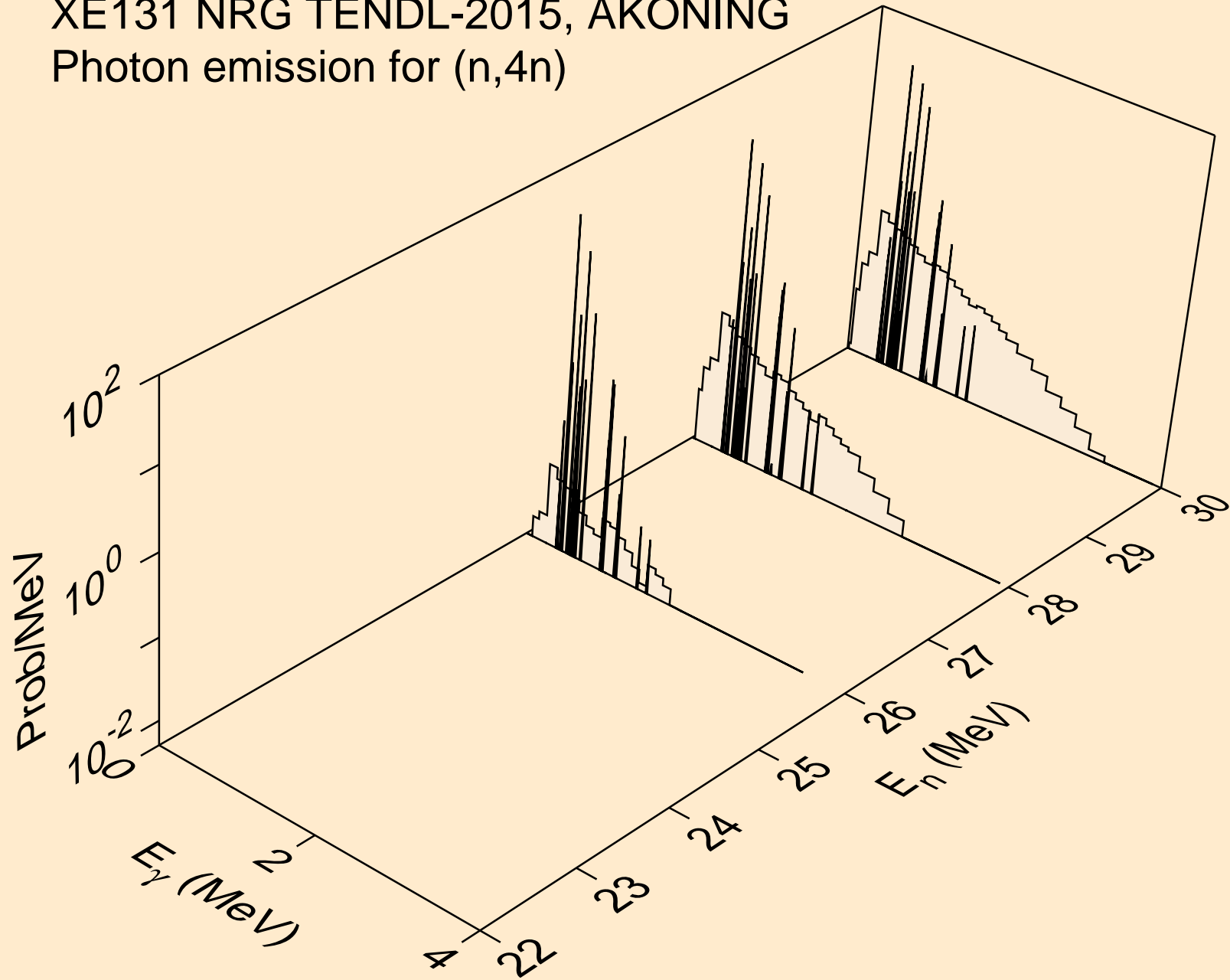
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

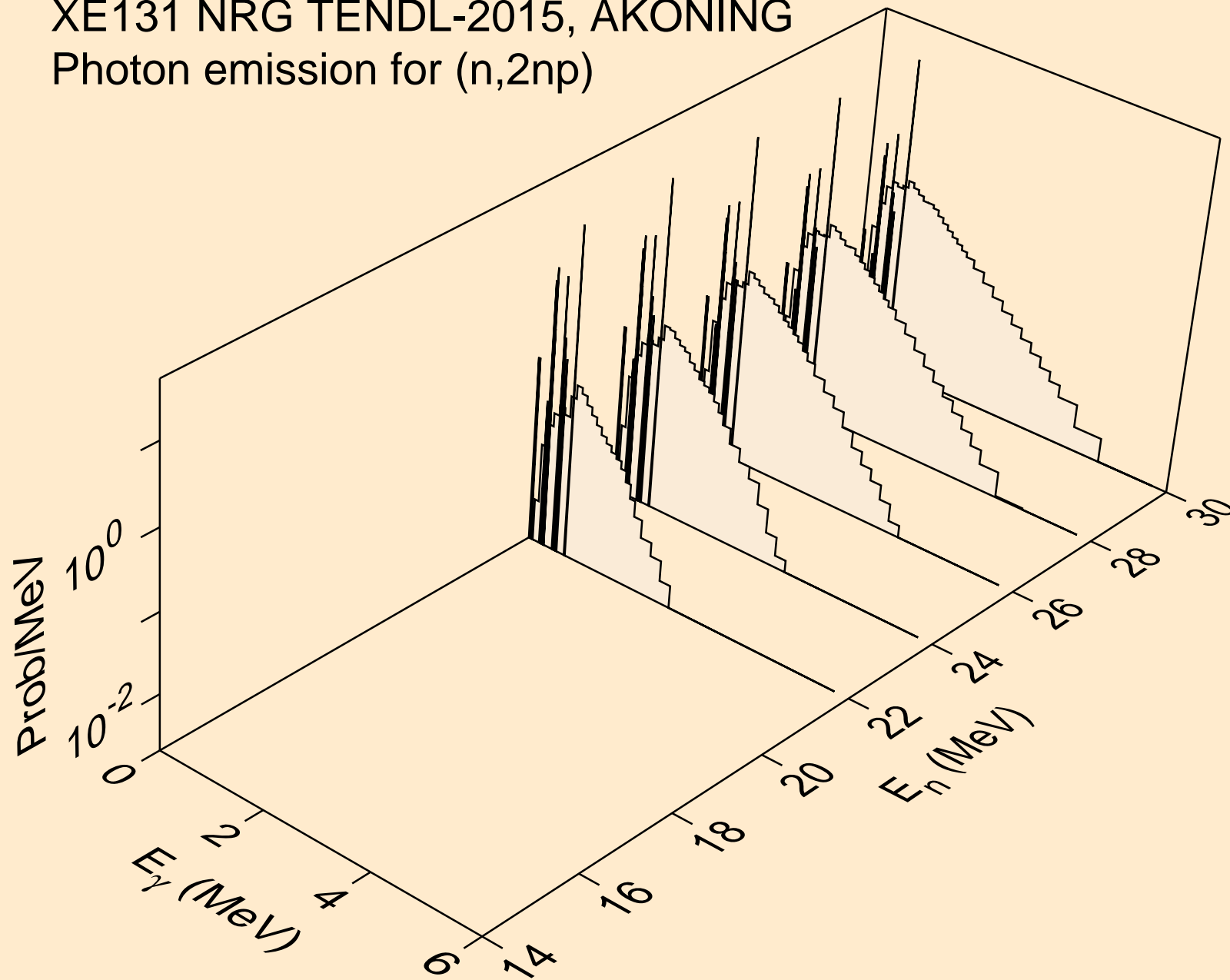


XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

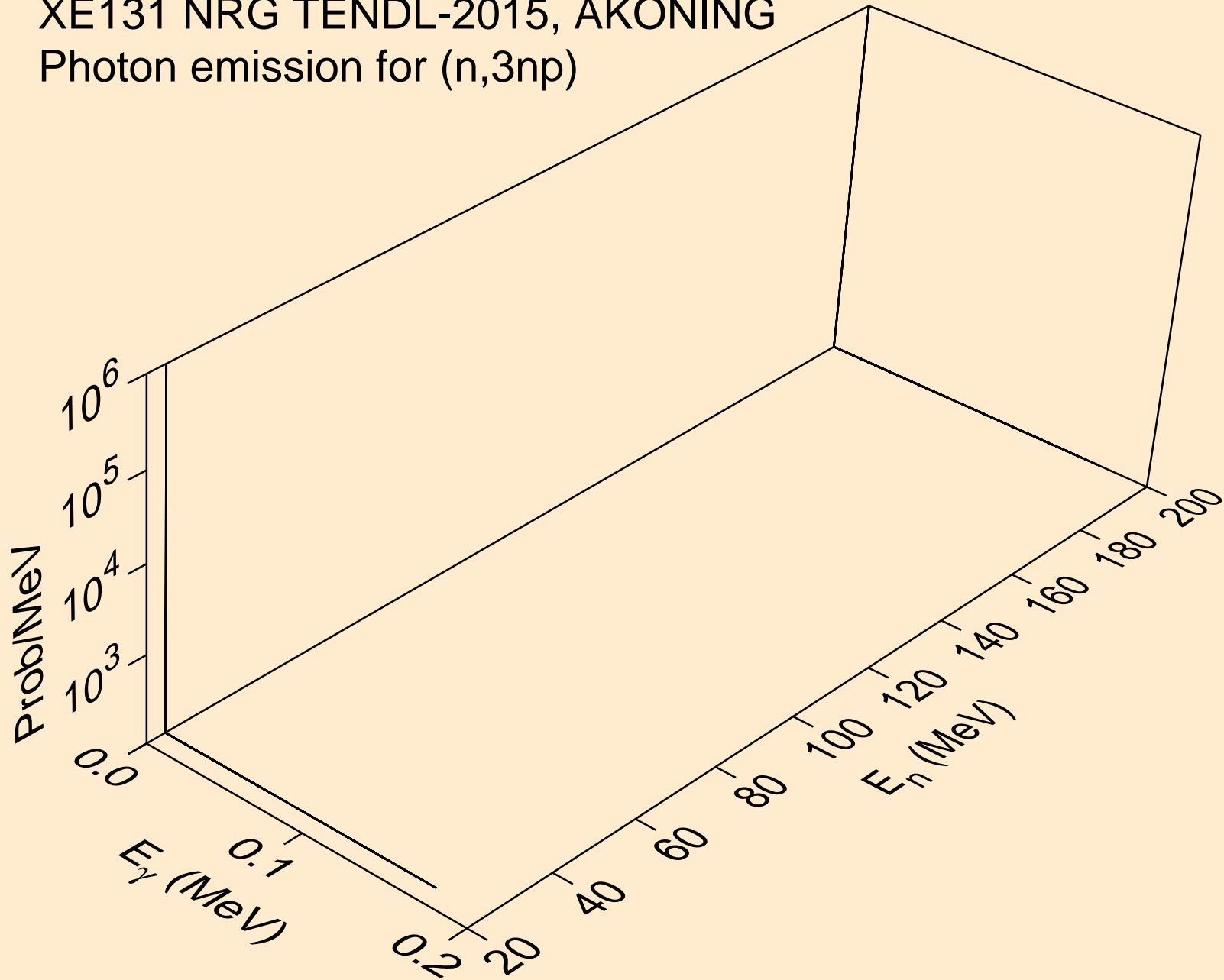




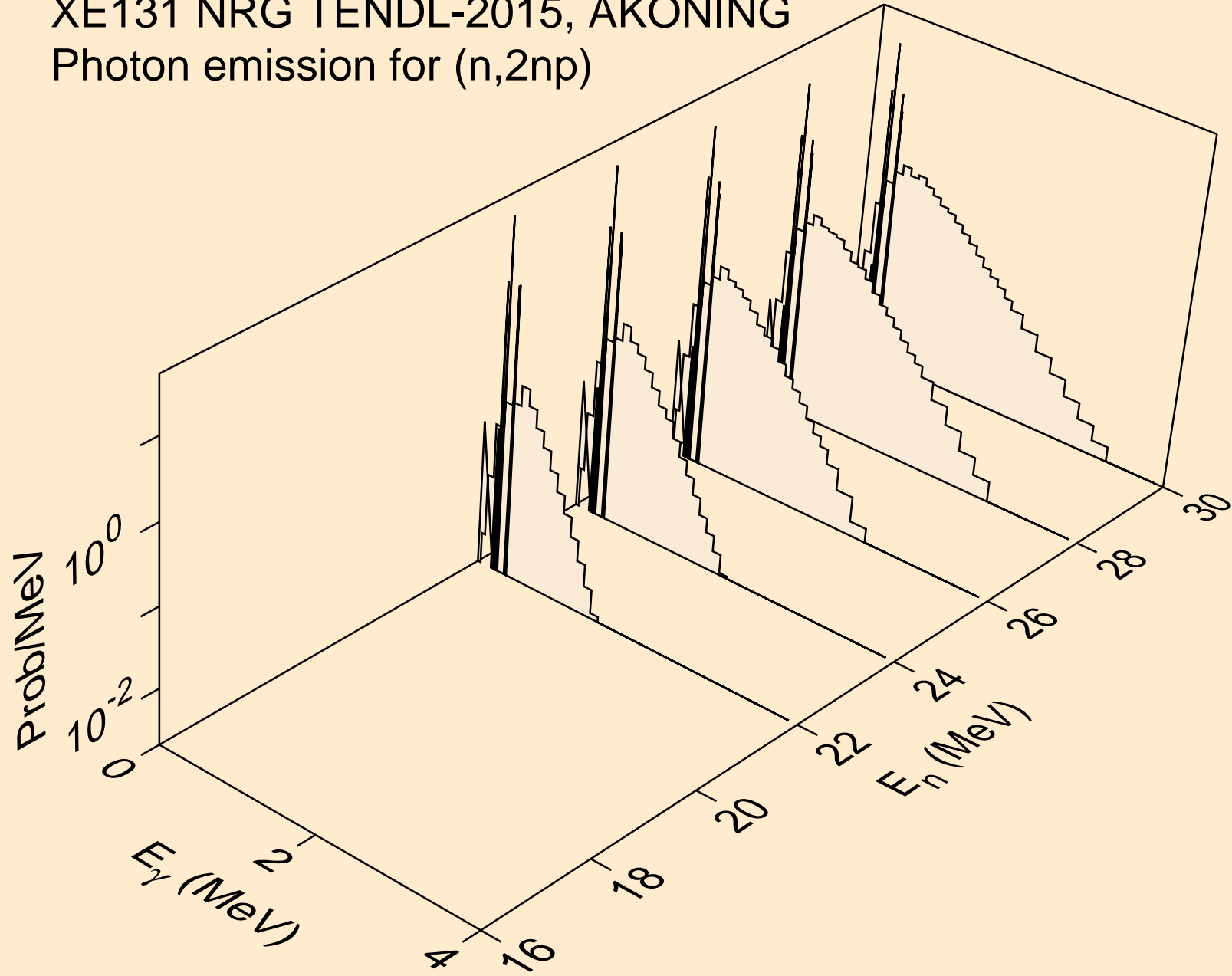
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



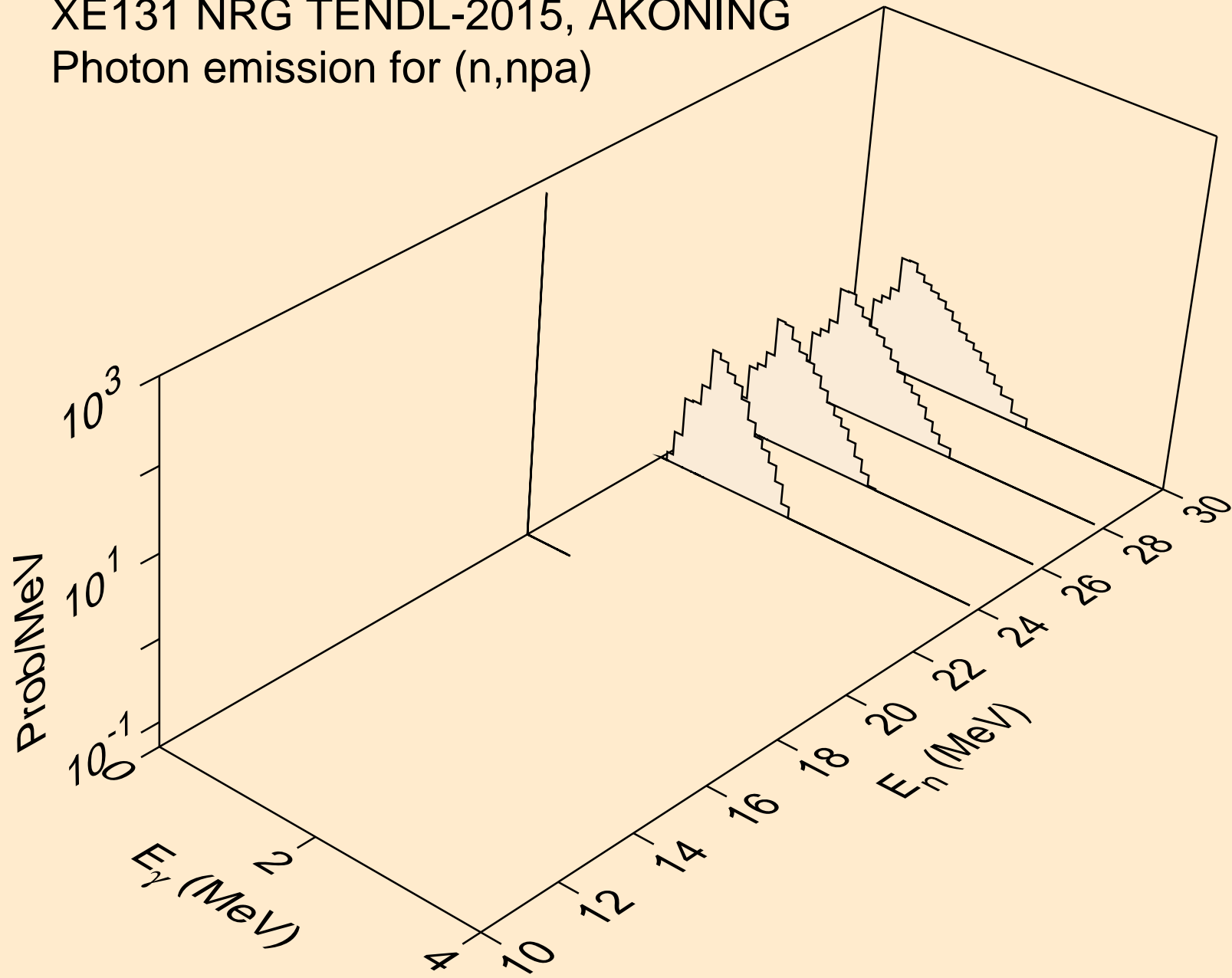
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



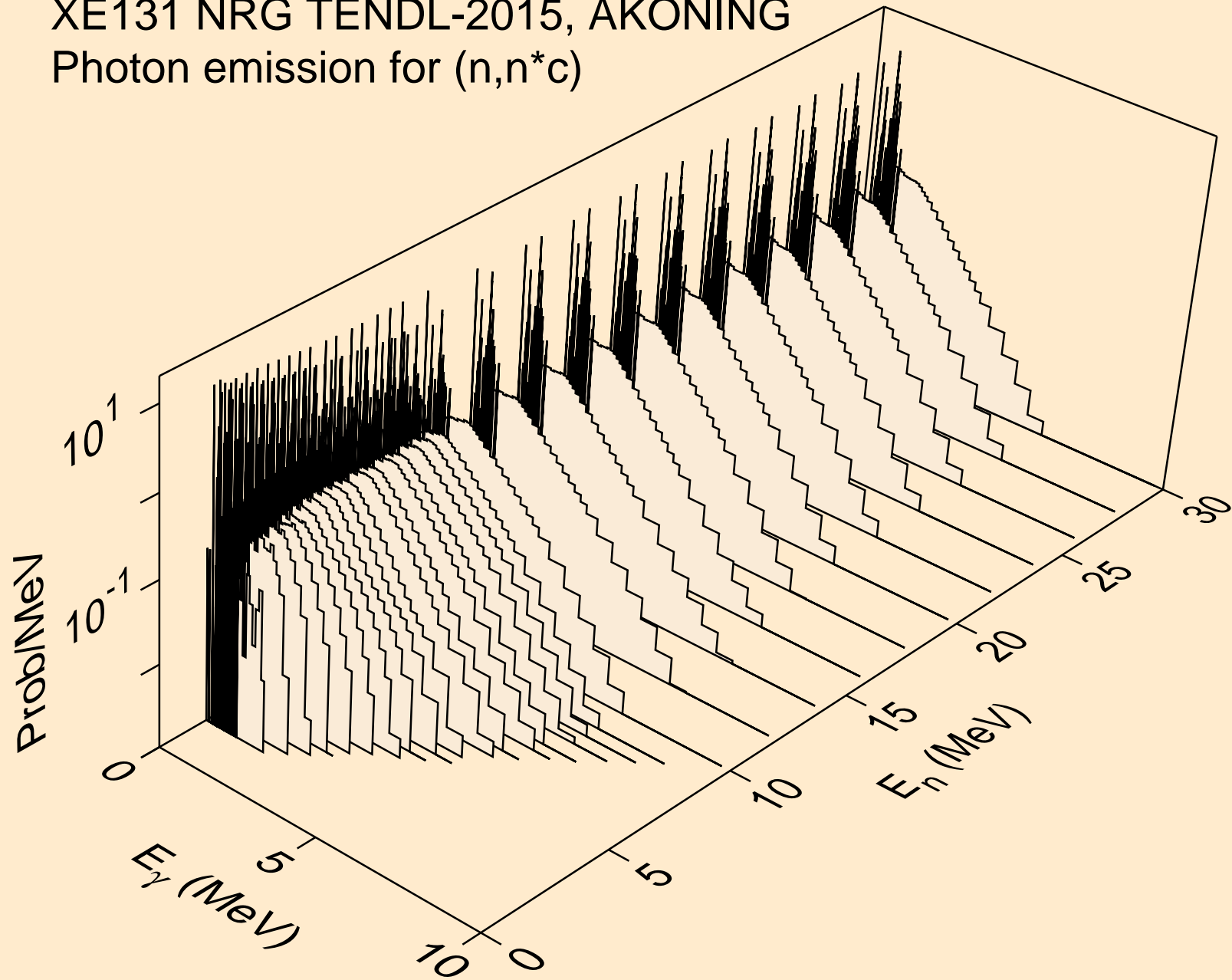
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



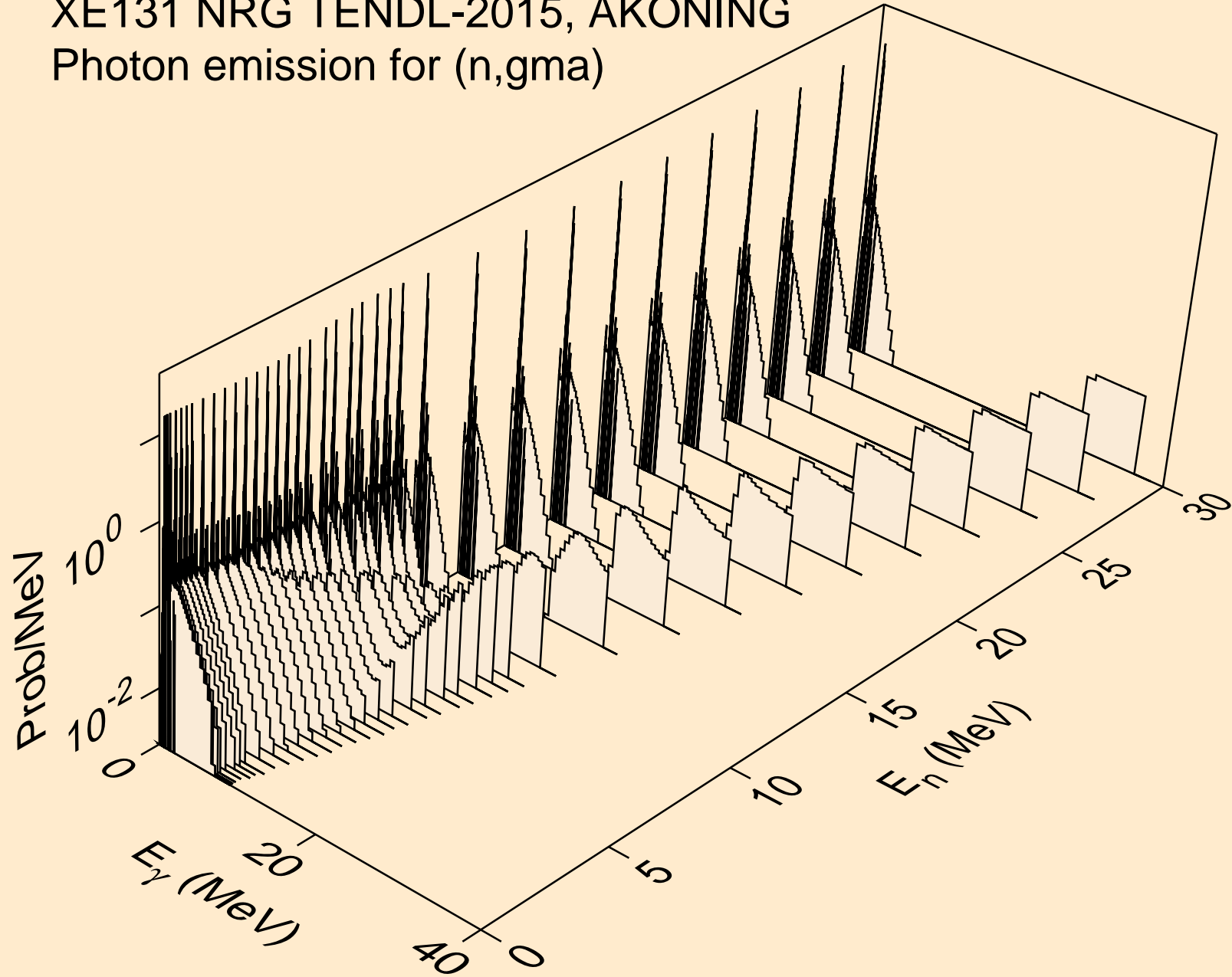
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



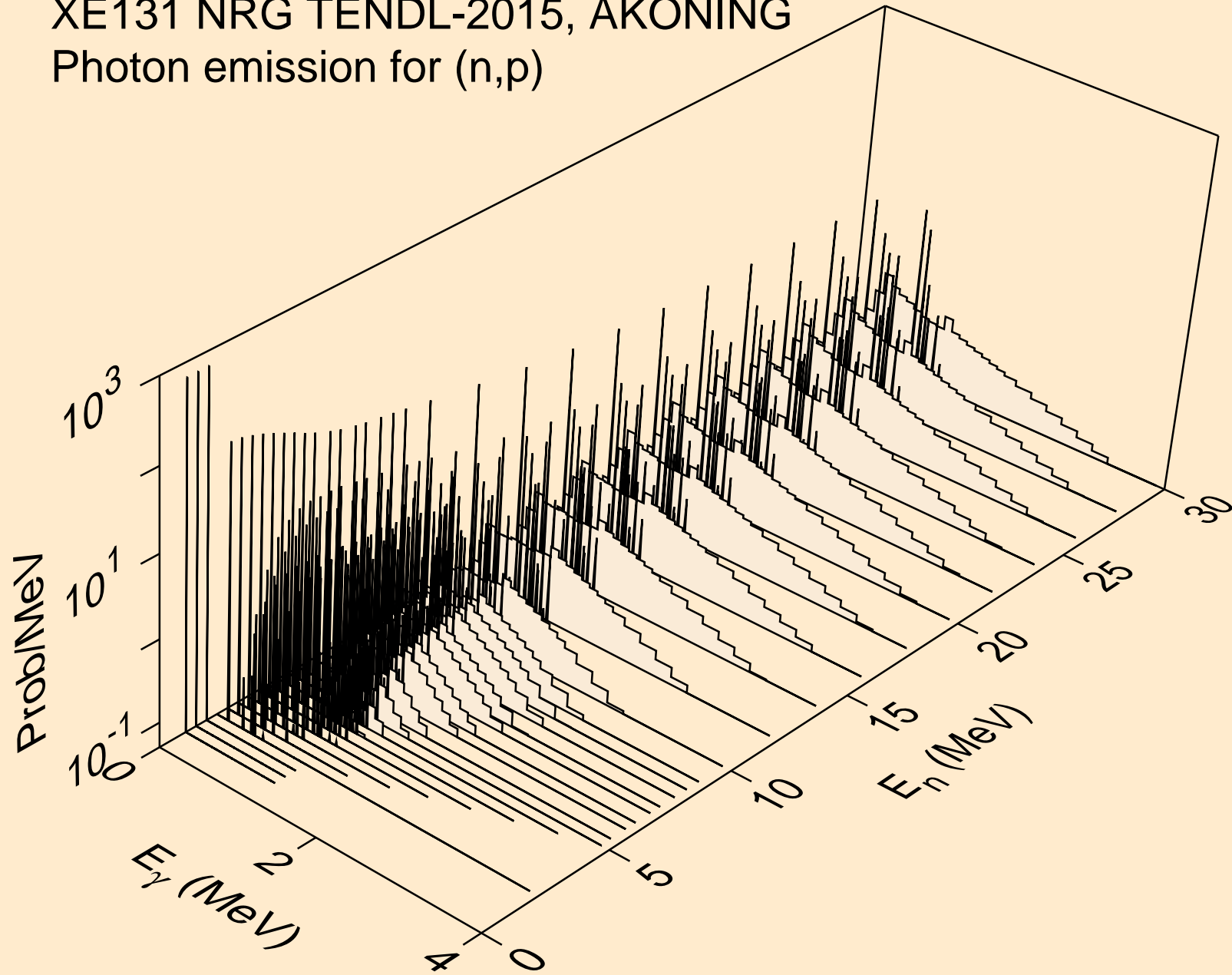
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



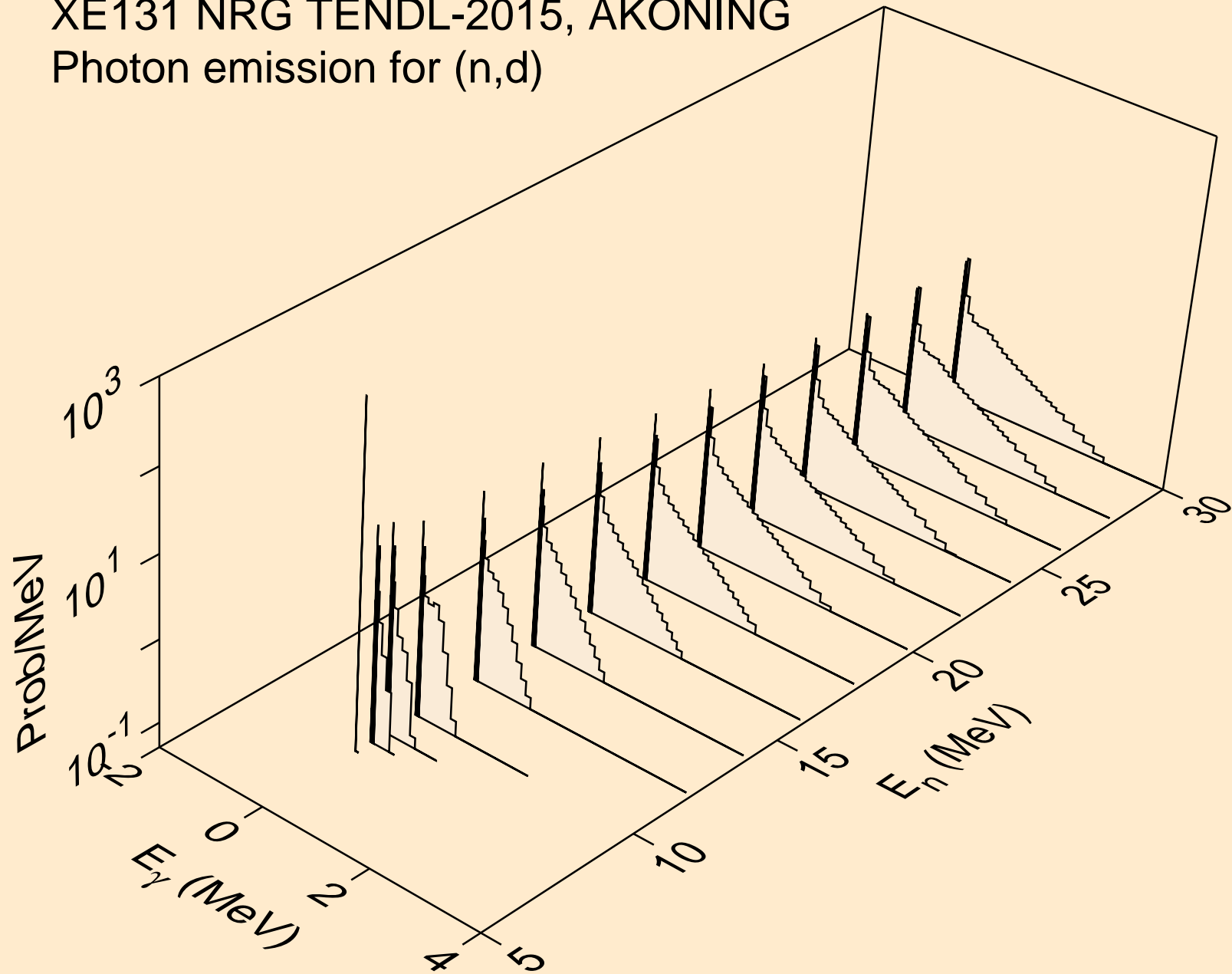
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

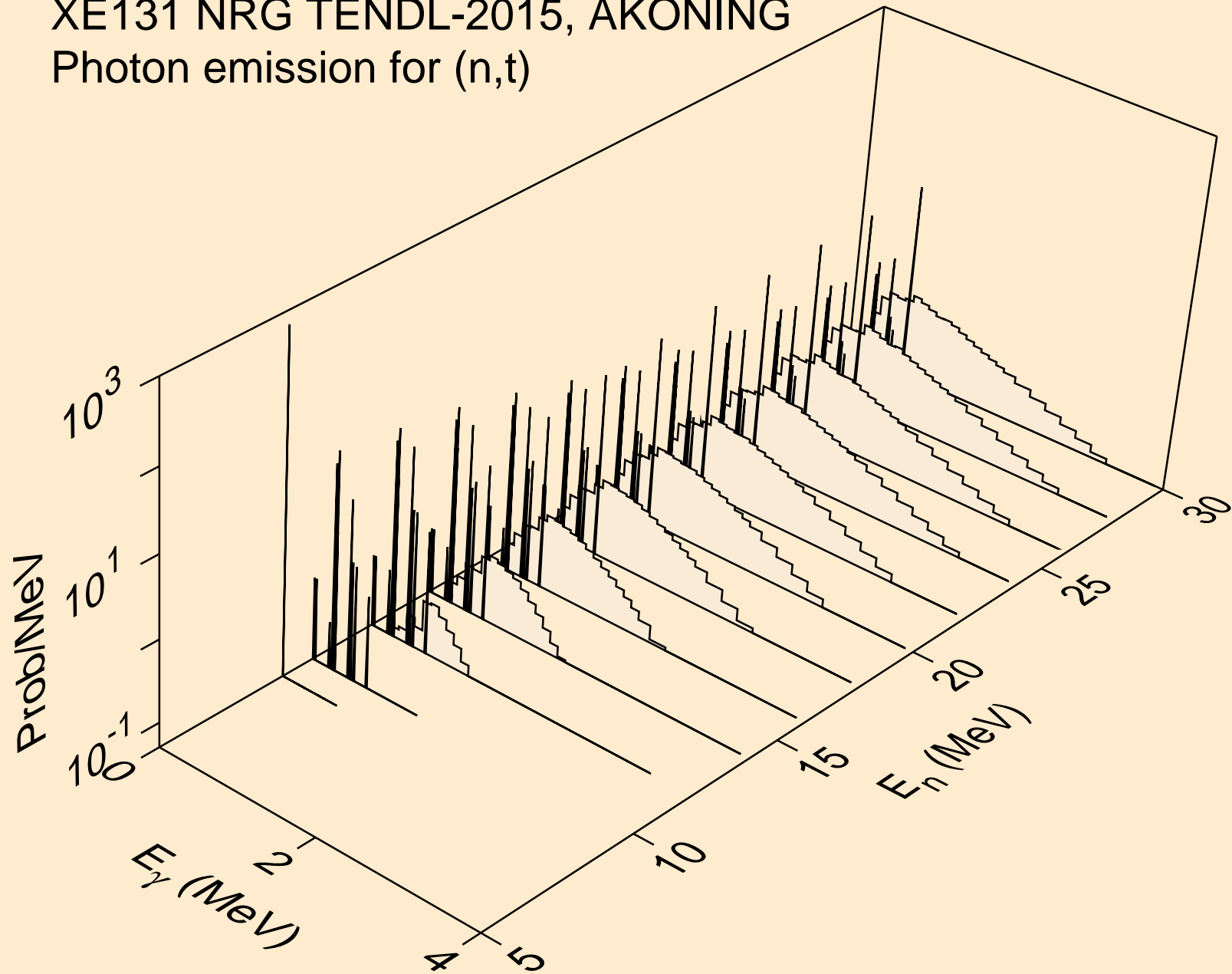


XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

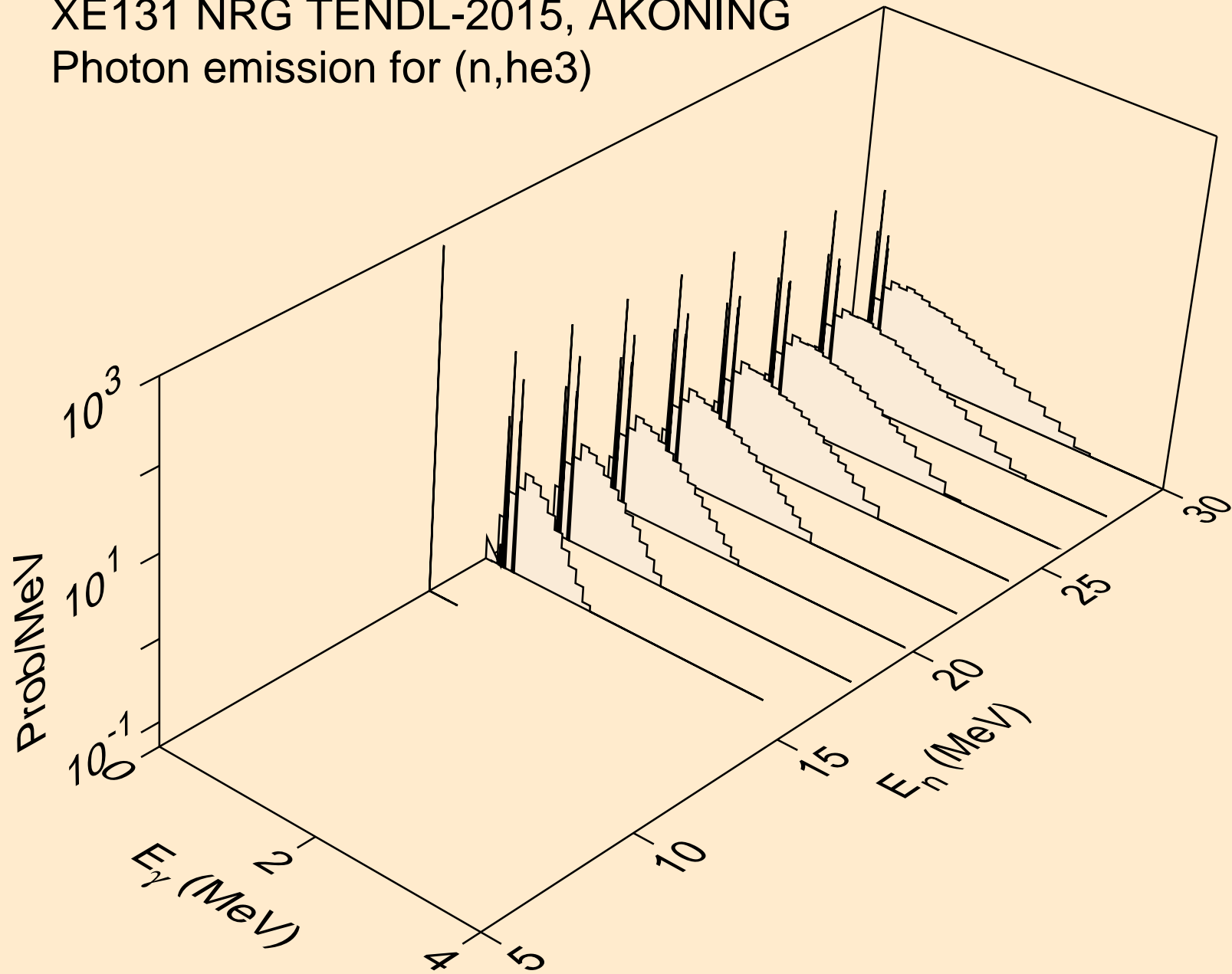




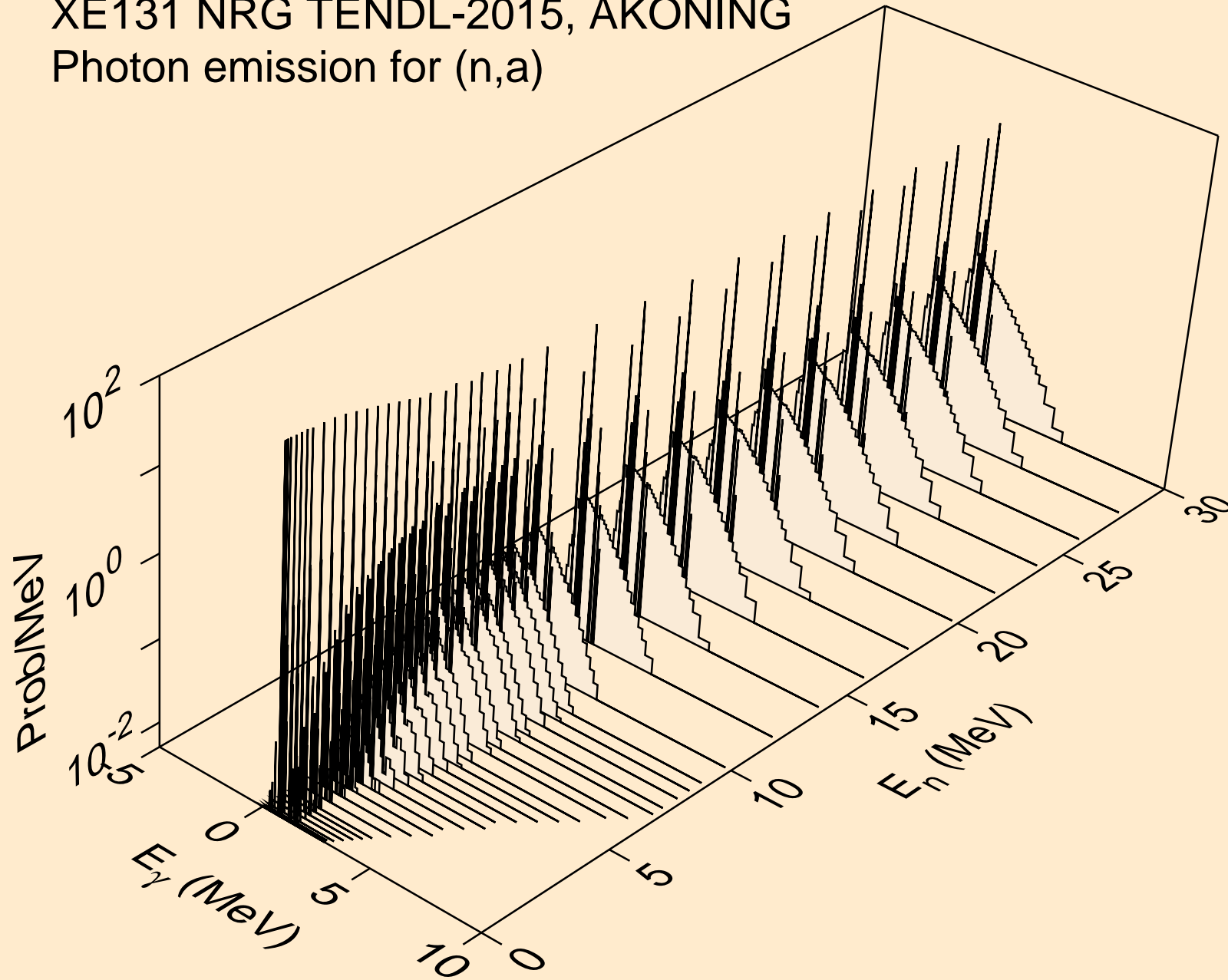
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



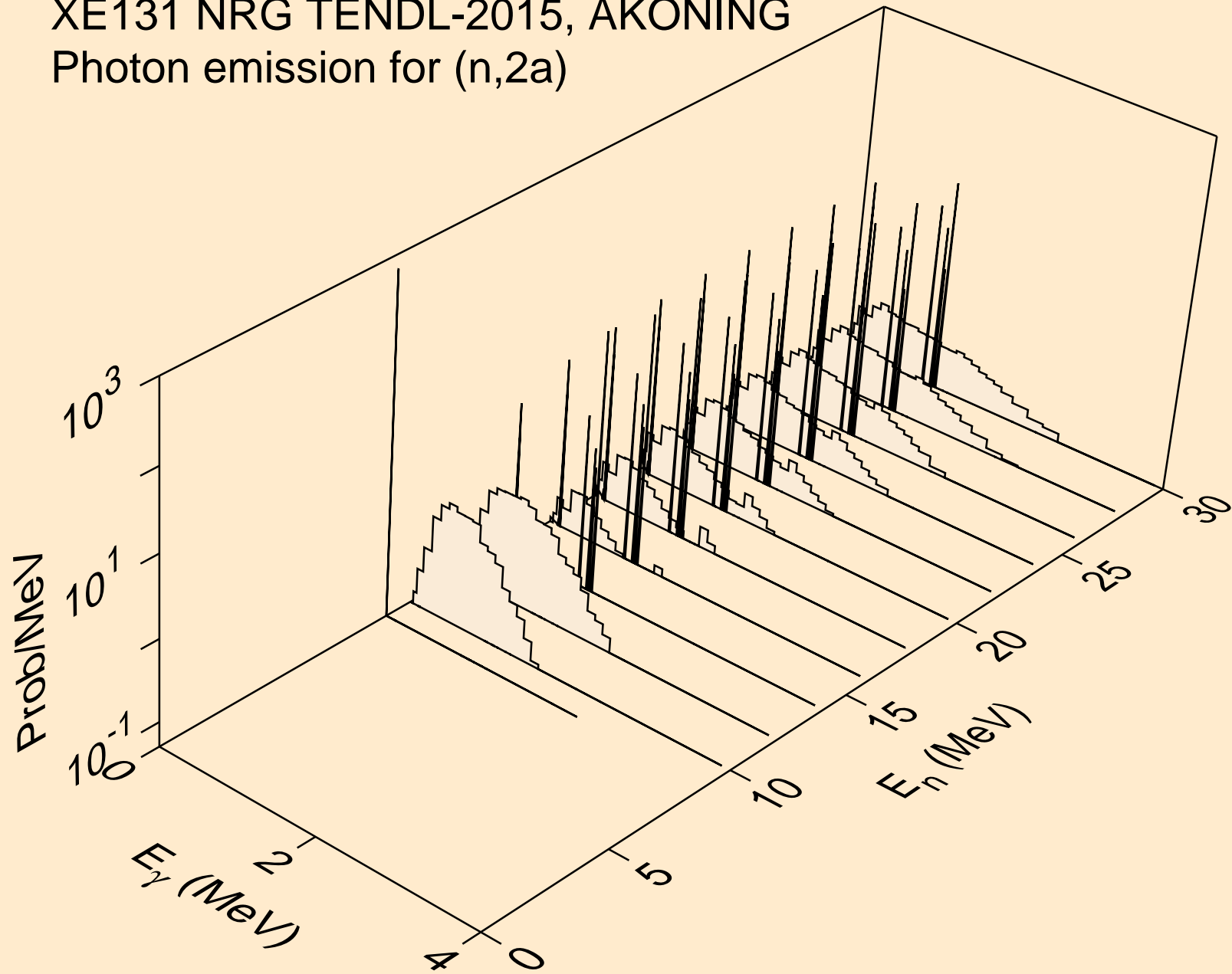
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



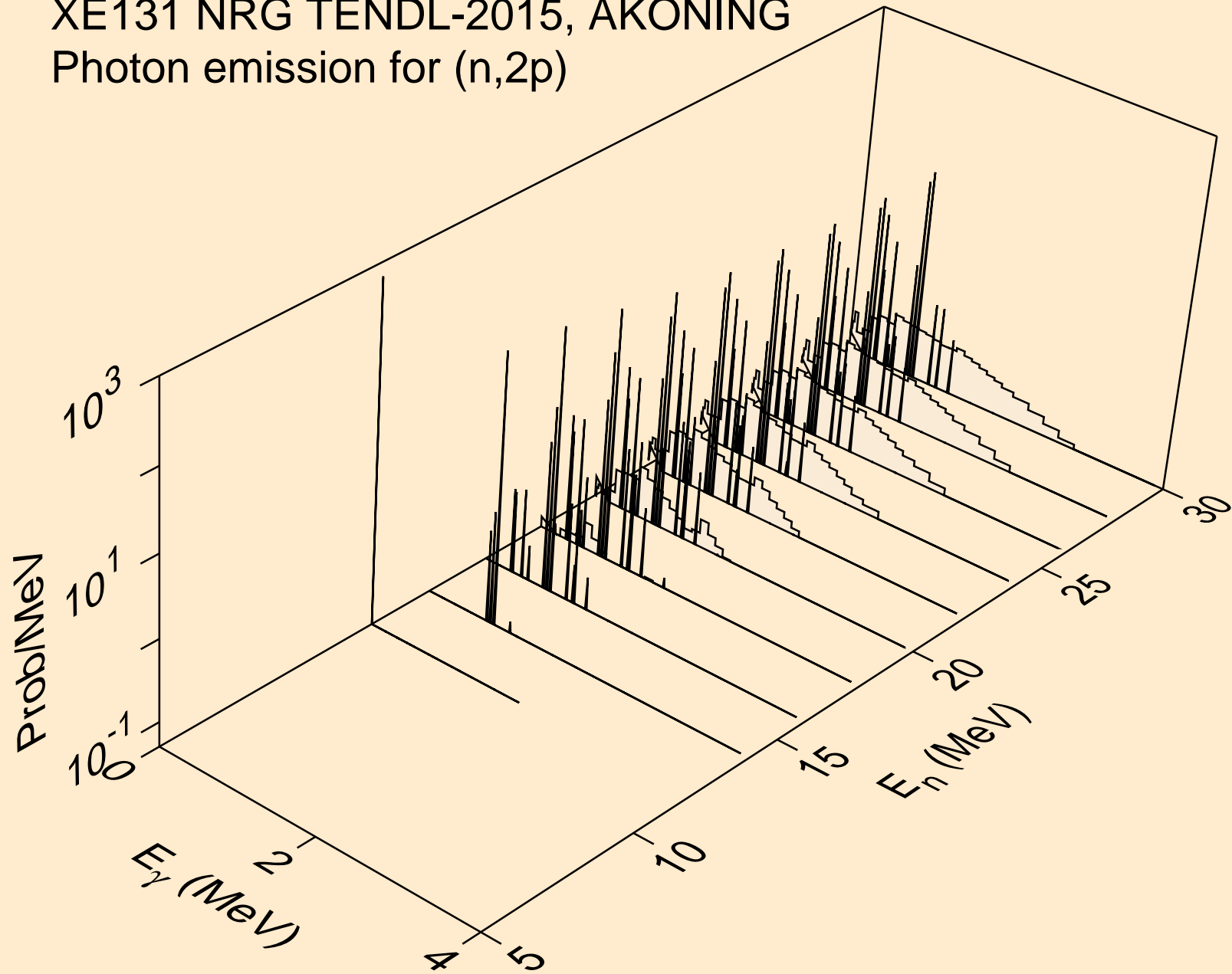
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



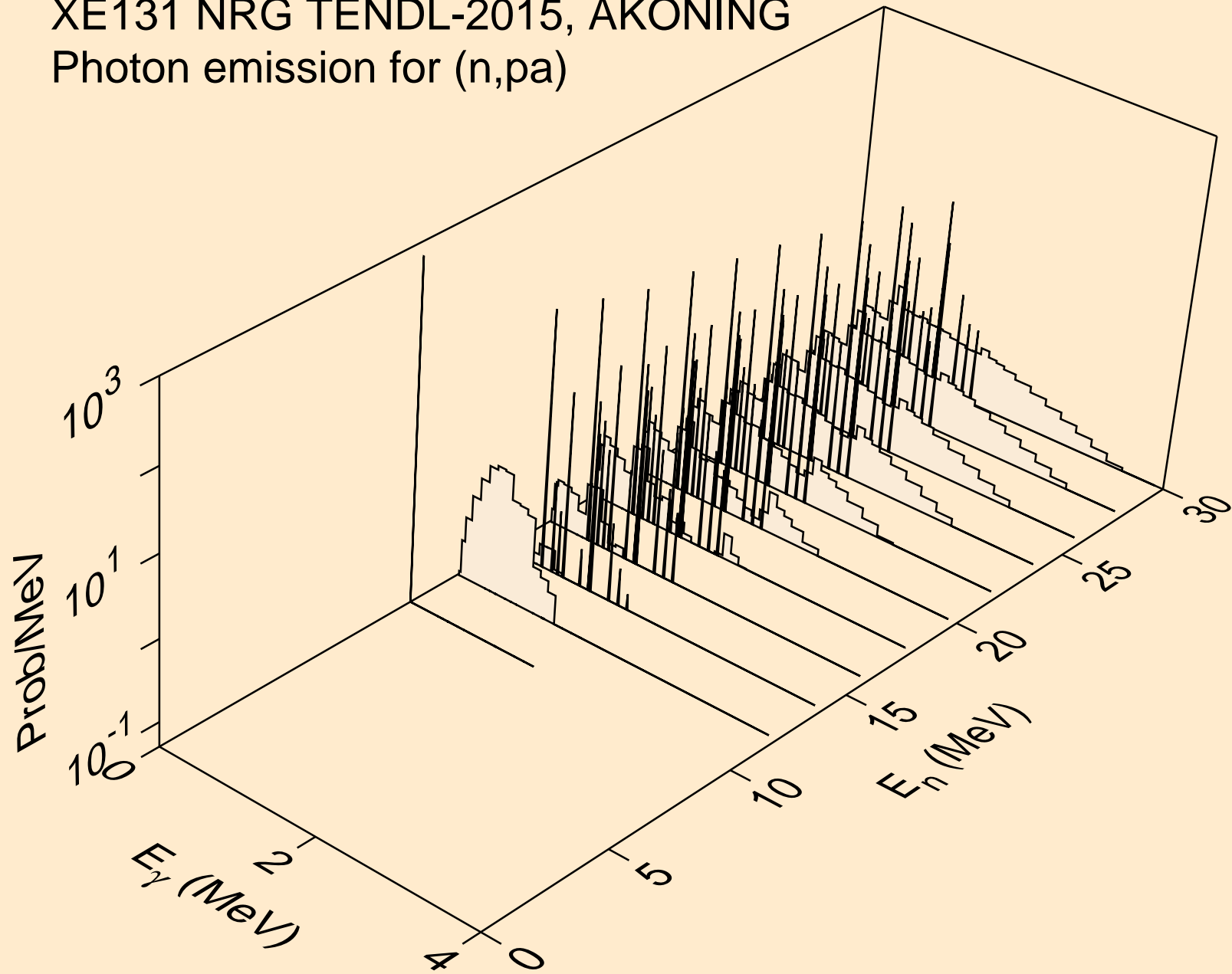
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



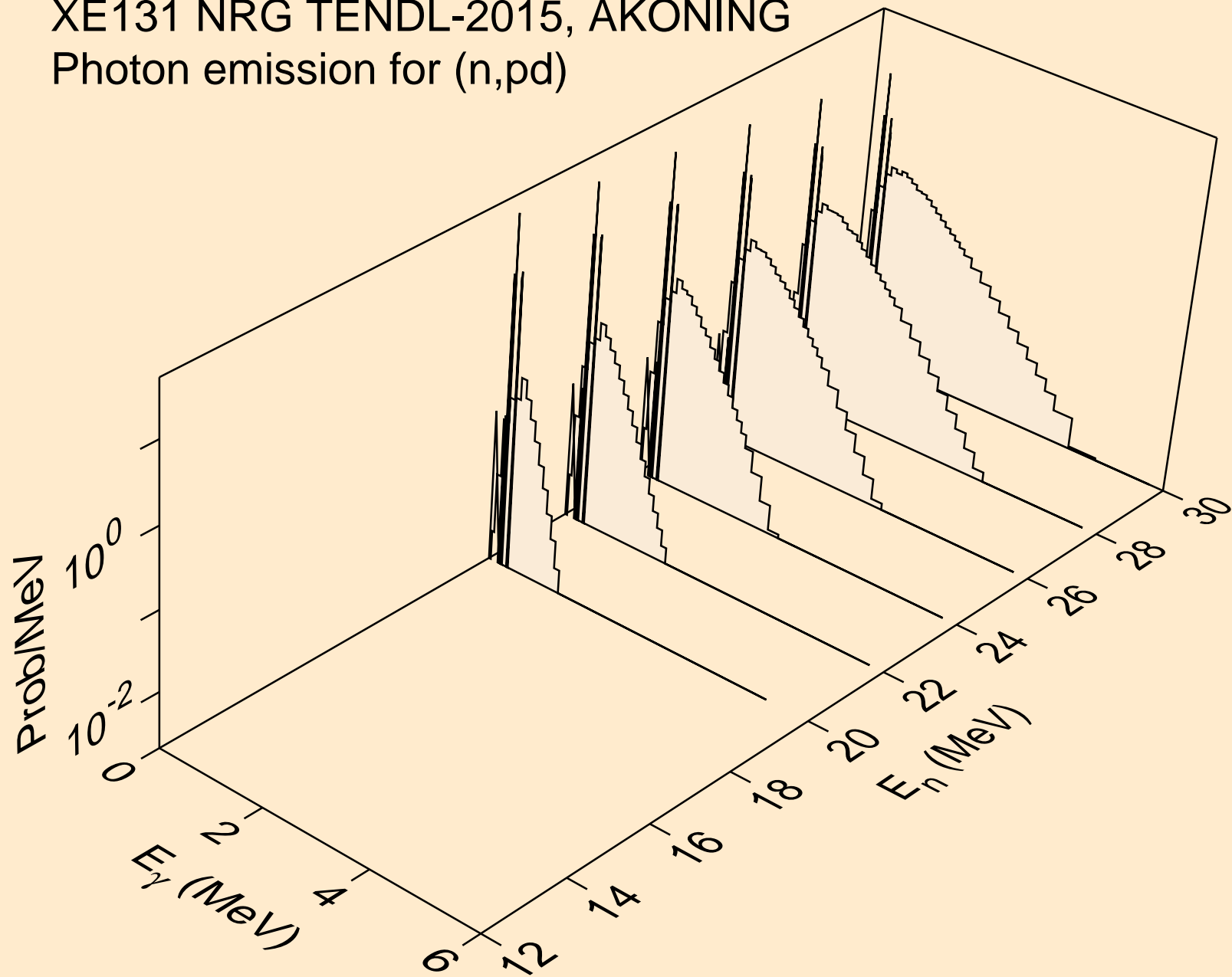
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



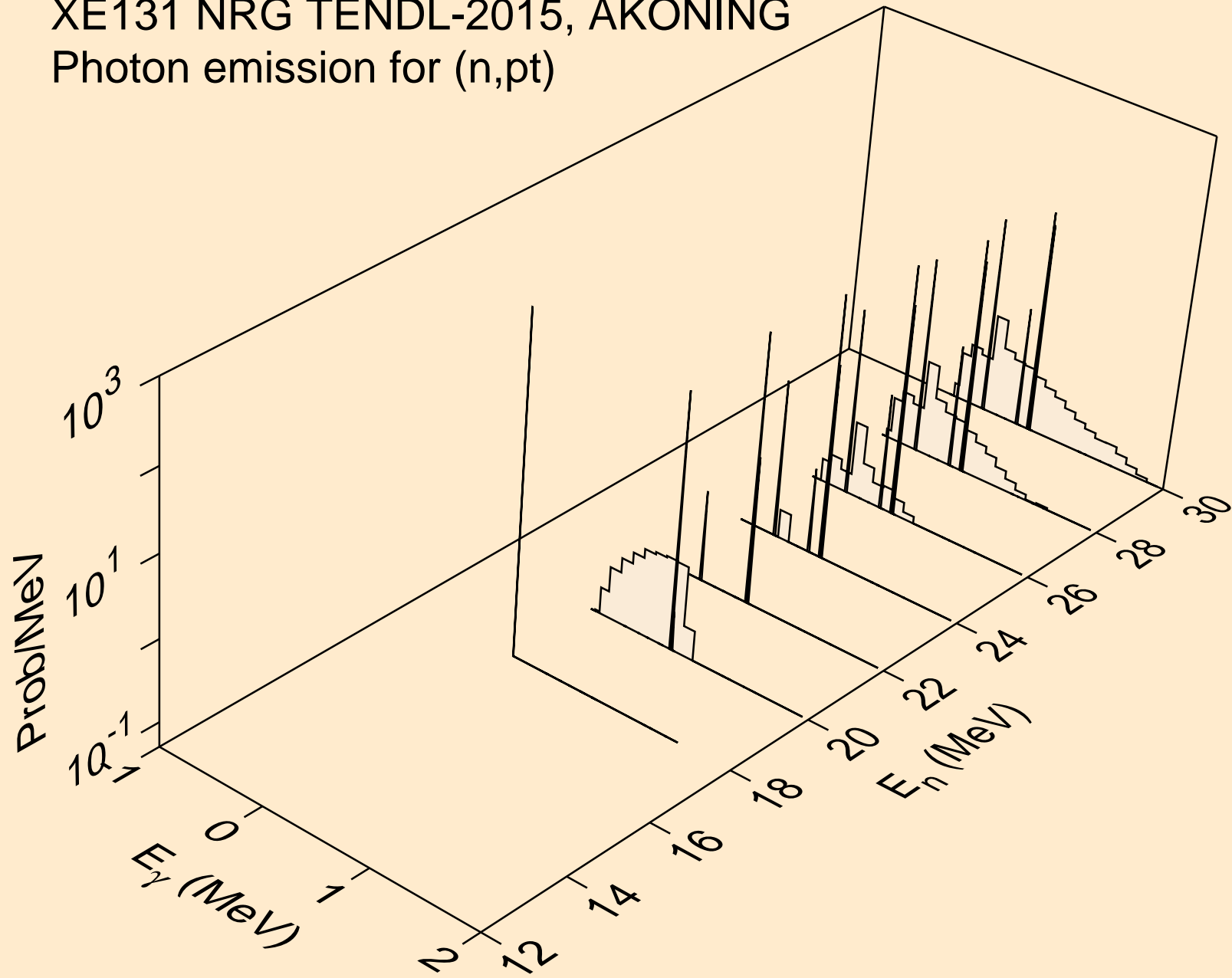
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

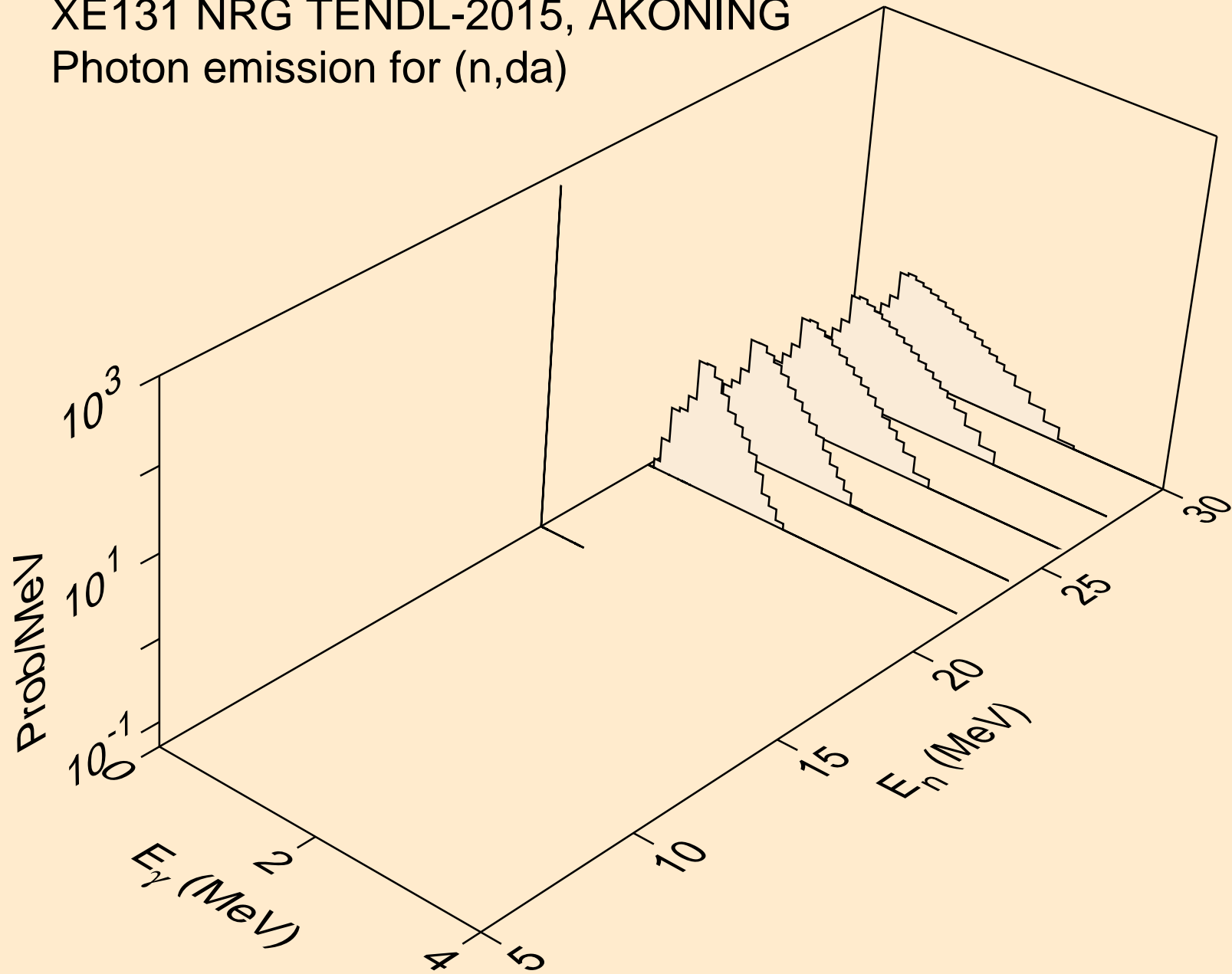


XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

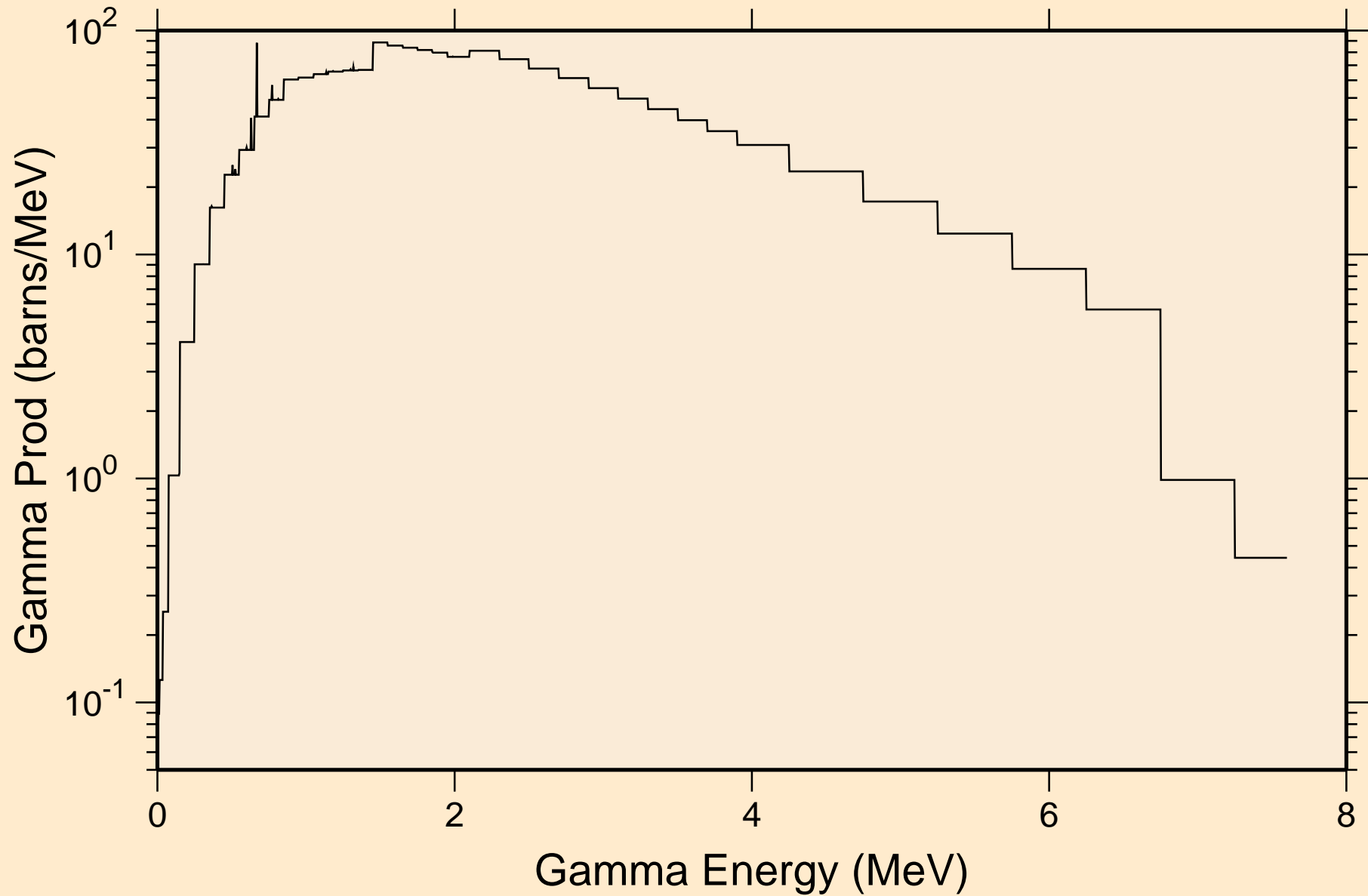




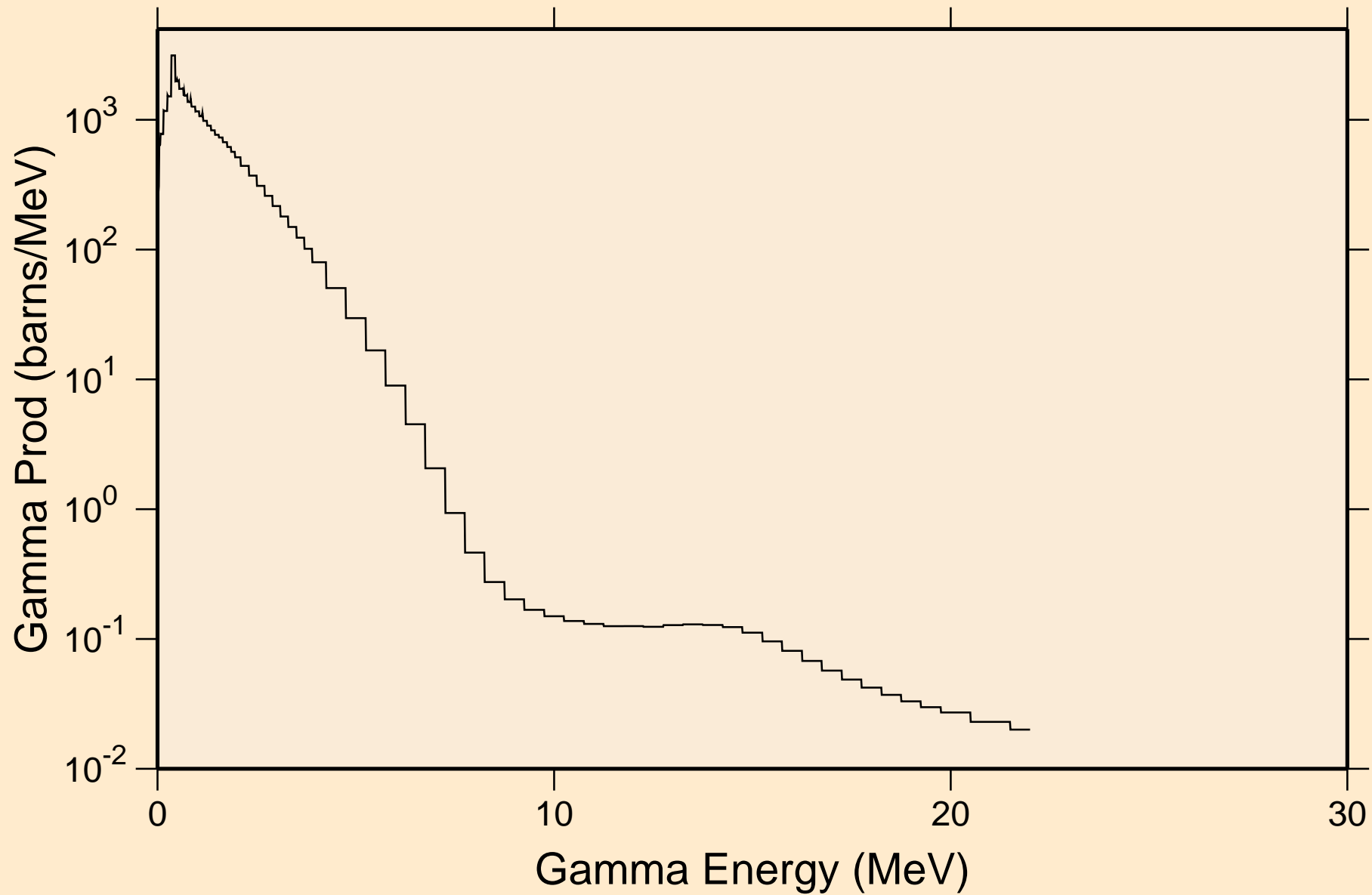
XE131 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



XE131 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

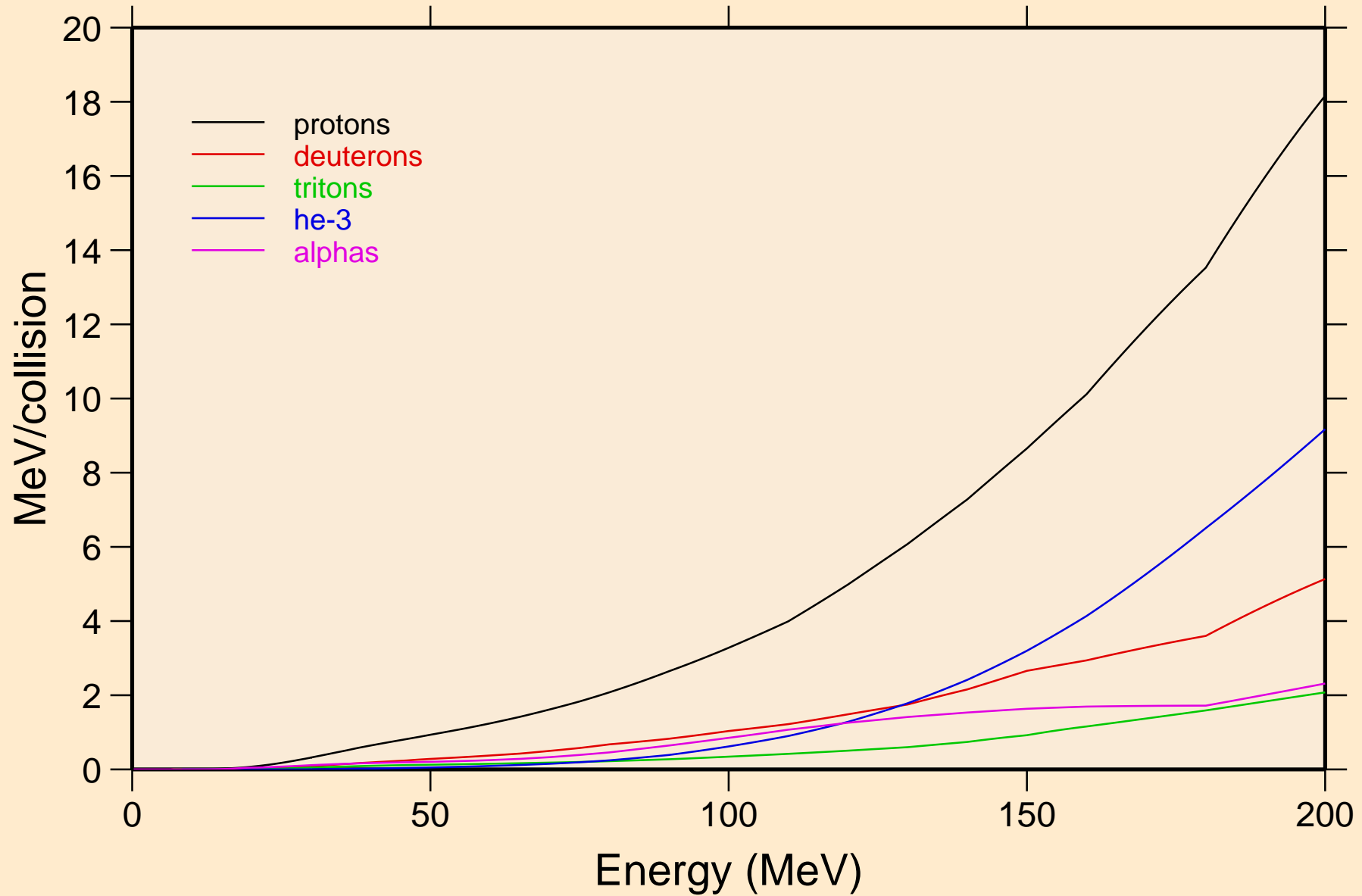


XE131 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



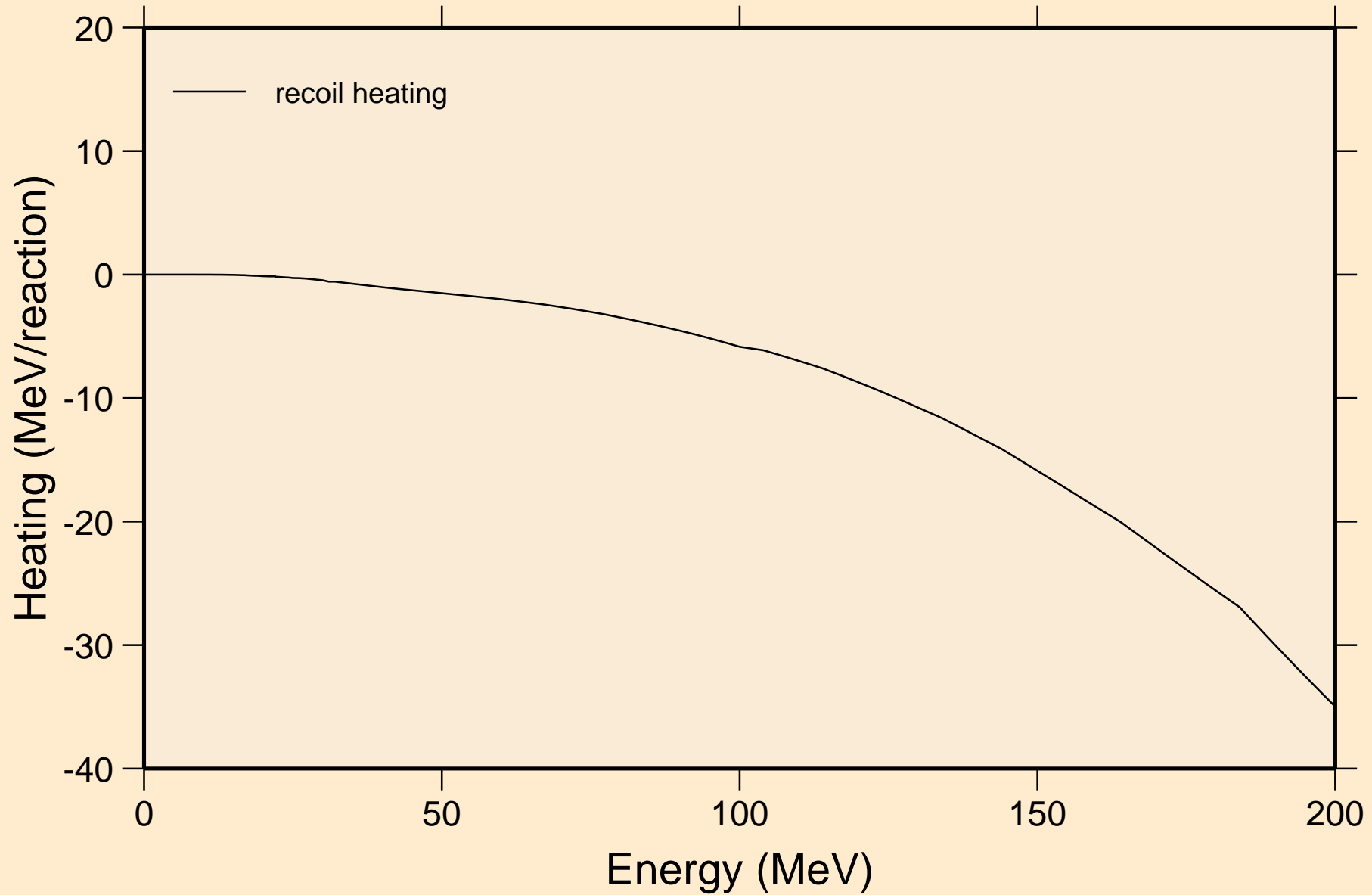
# XE131 NRG TENDL-2015, AKONING

## Particle heating contributions



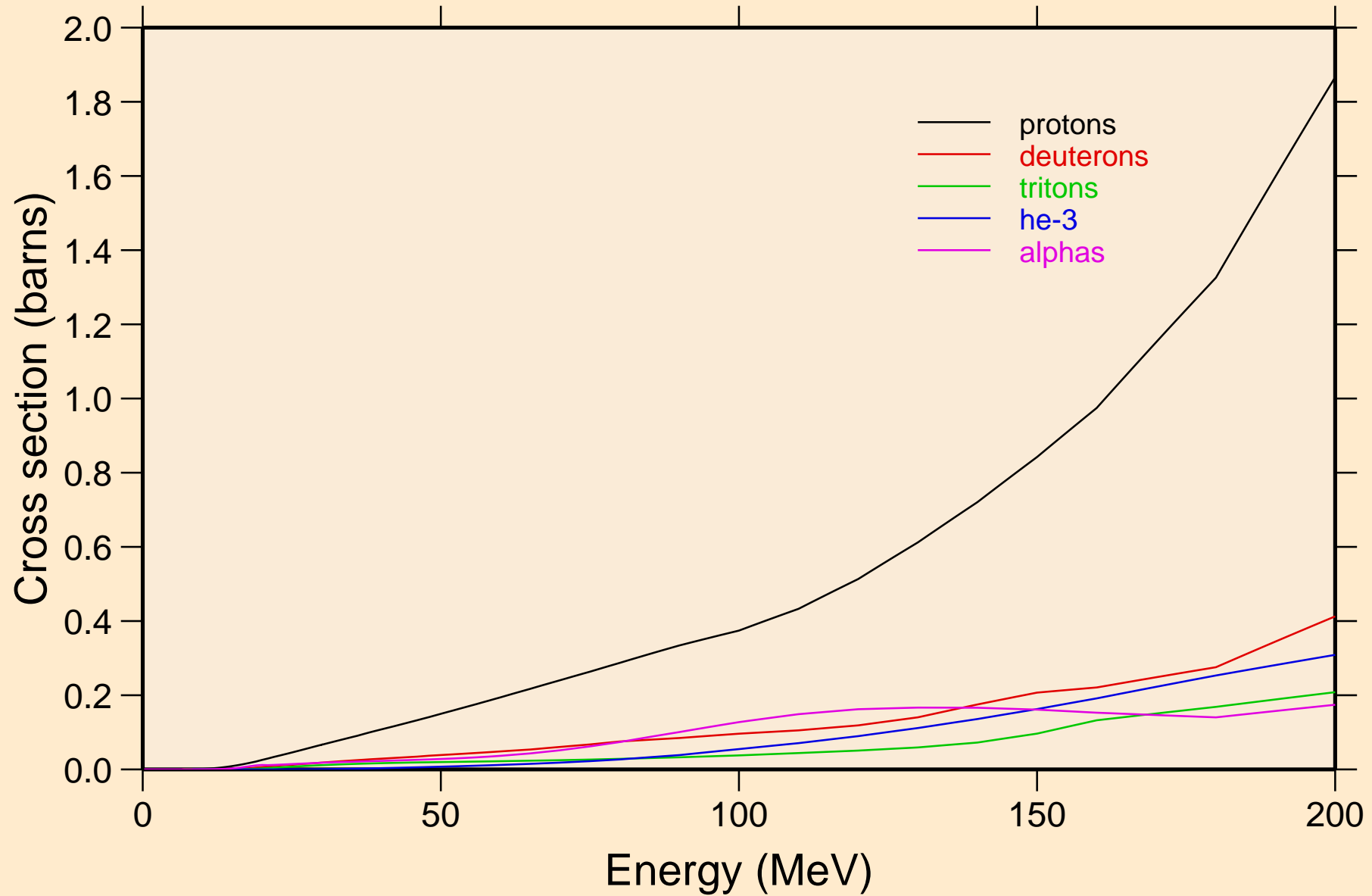
# XE131 NRG TENDL-2015, AKONING

## Recoil Heating

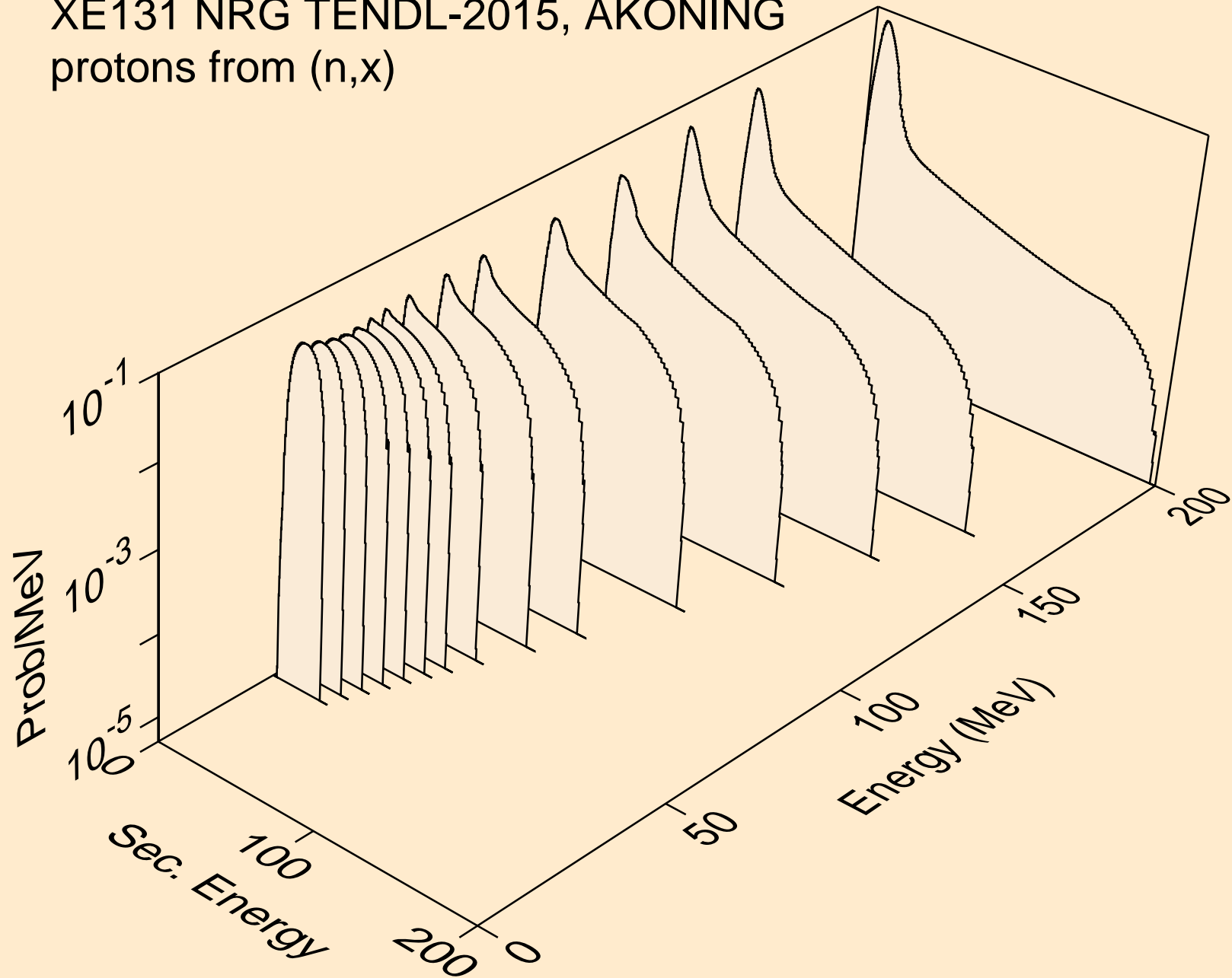


# XE131 NRG TENDL-2015, AKONING

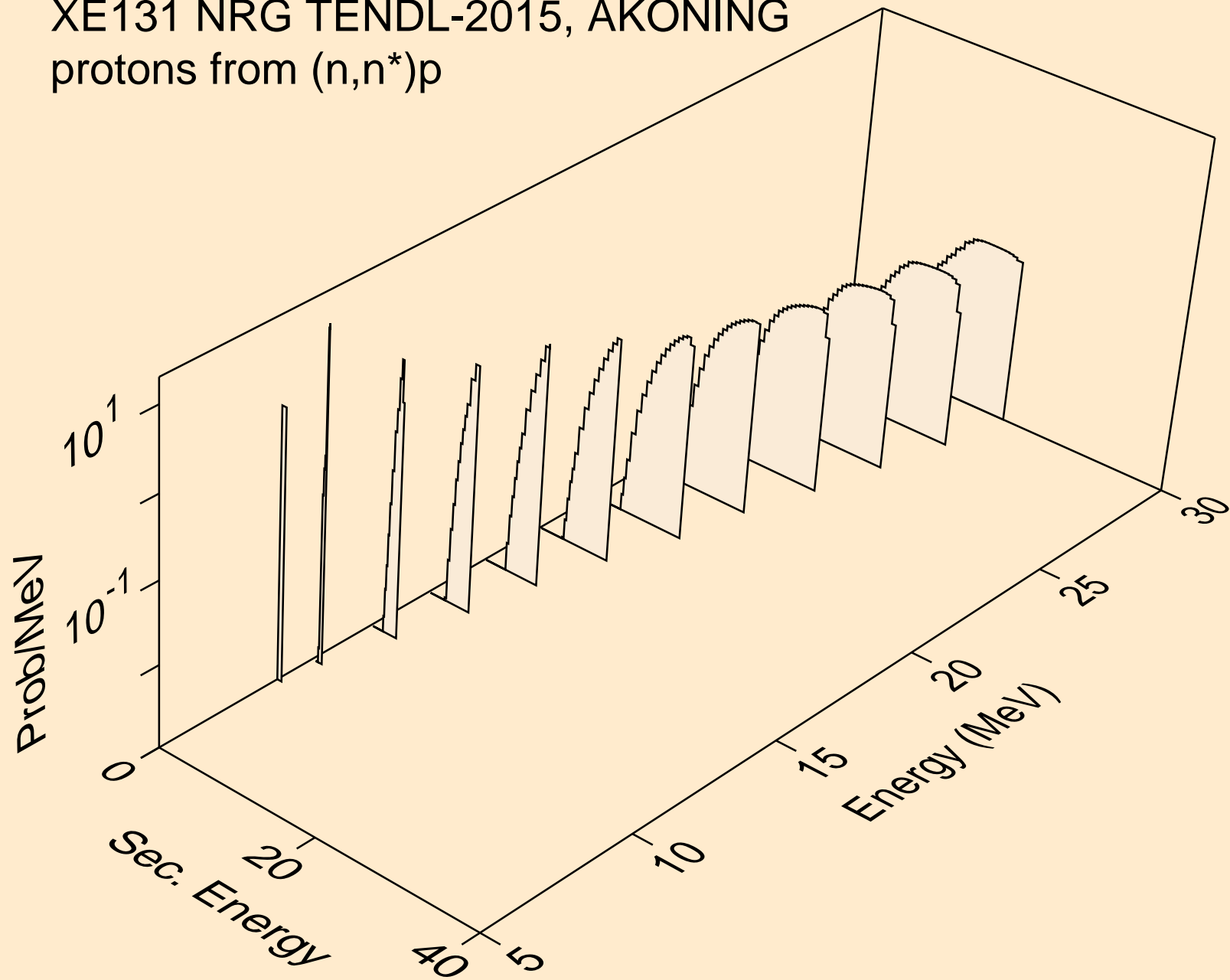
## Particle production cross sections



XE131 NRG TENDL-2015, AKONING  
protons from (n,x)

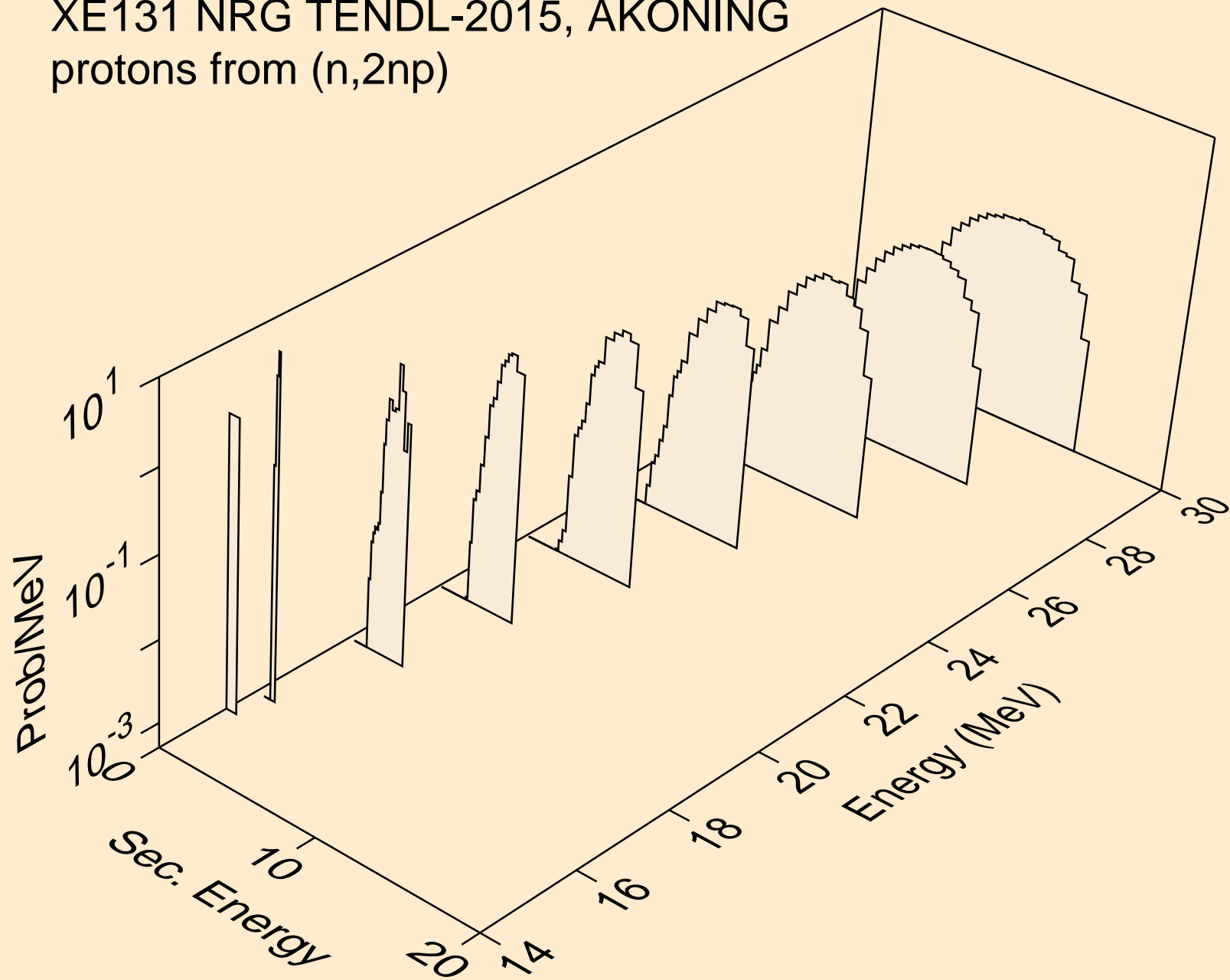


XE131 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

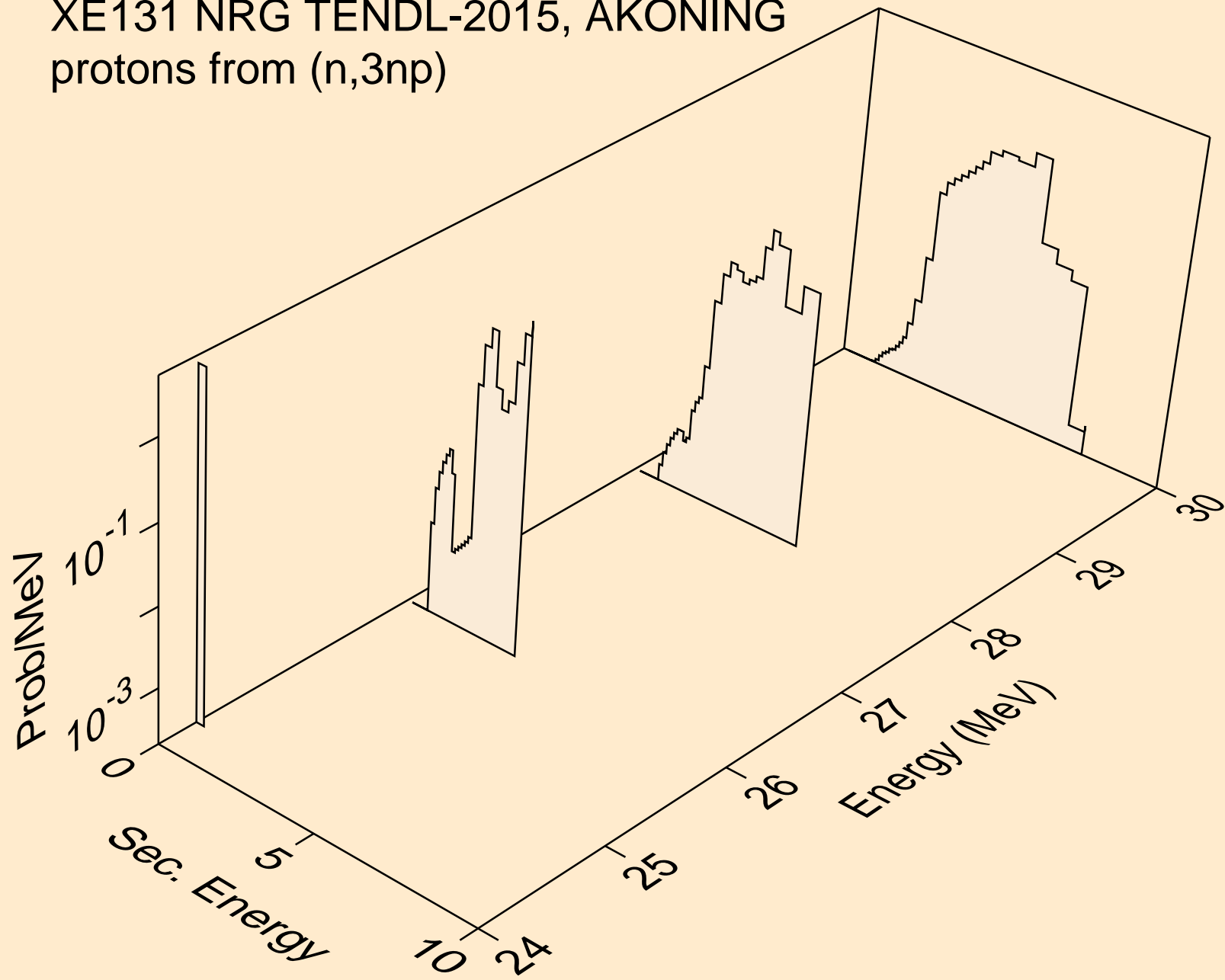




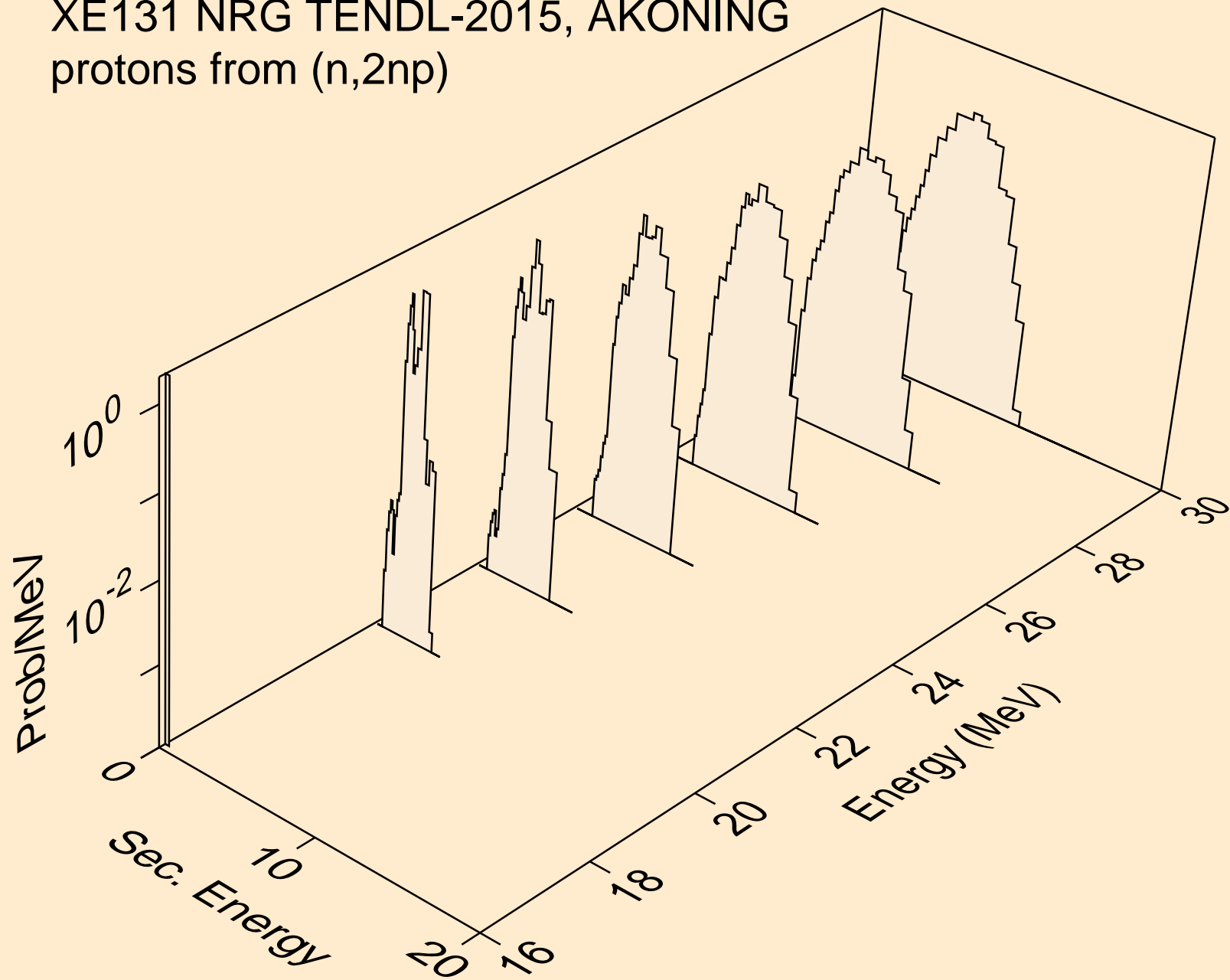
XE131 NRG TENDL-2015, AKONING  
protons from (n,2np)



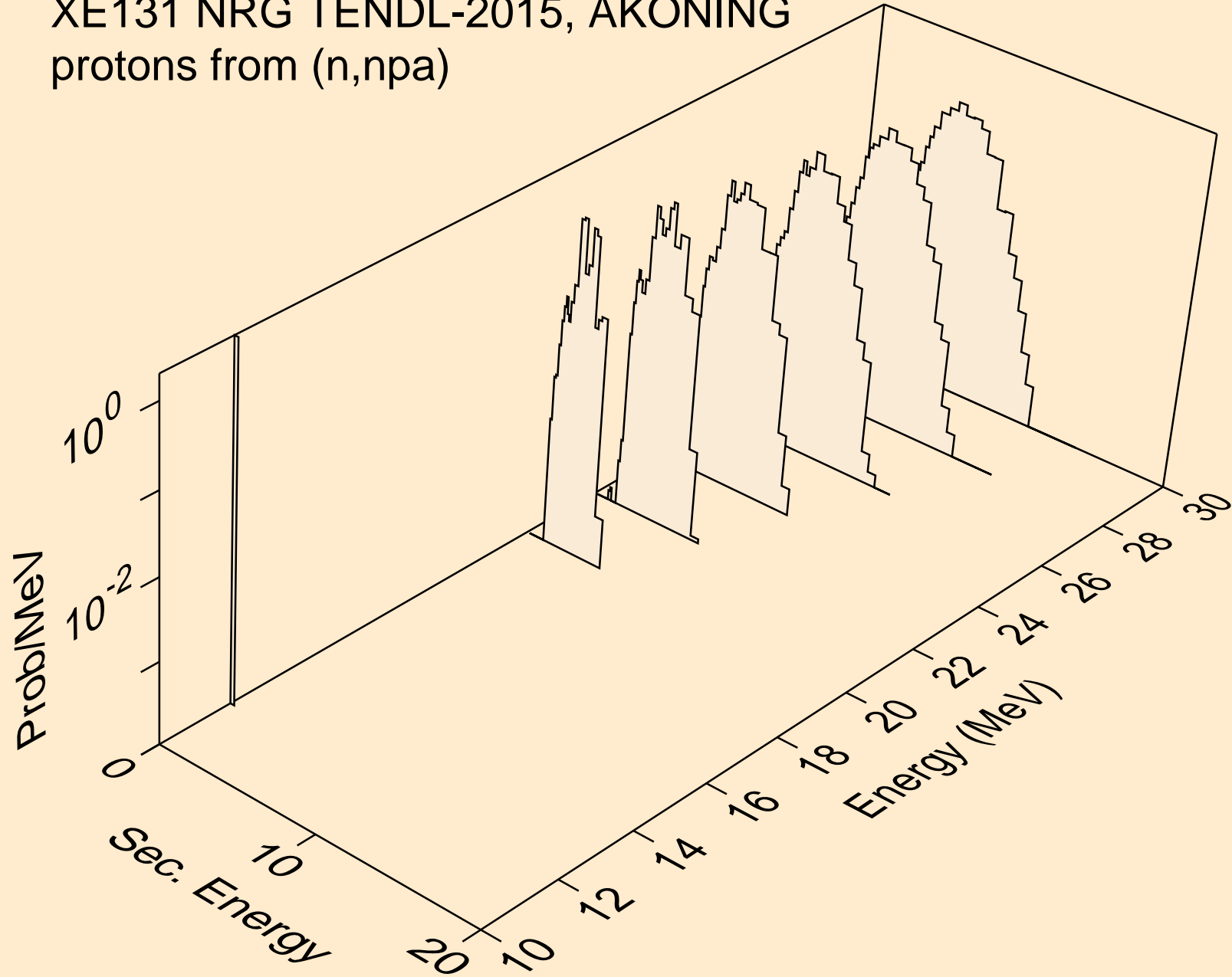
XE131 NRG TENDL-2015, AKONING  
protons from (n,3np)



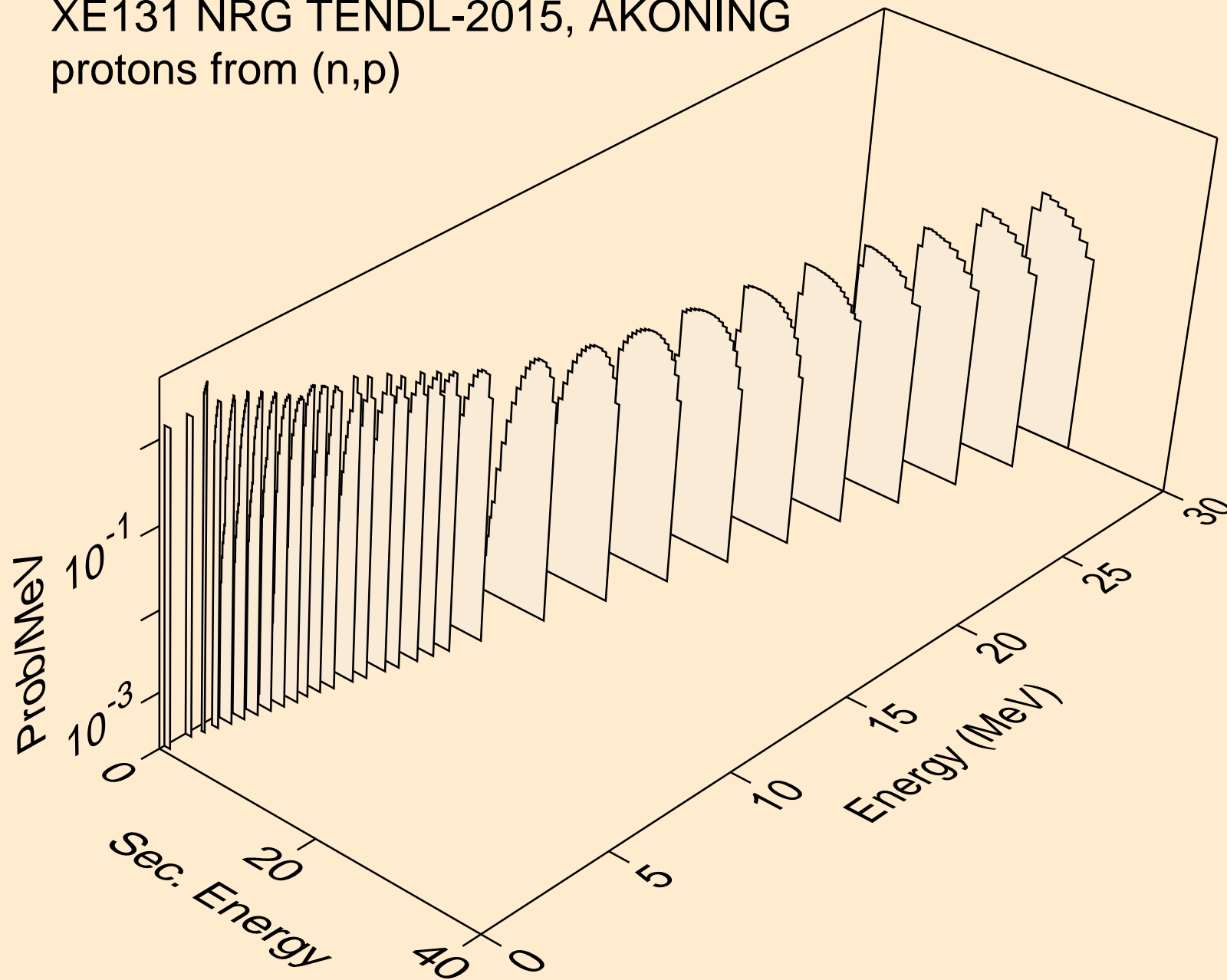
XE131 NRG TENDL-2015, AKONING  
protons from (n,2np)



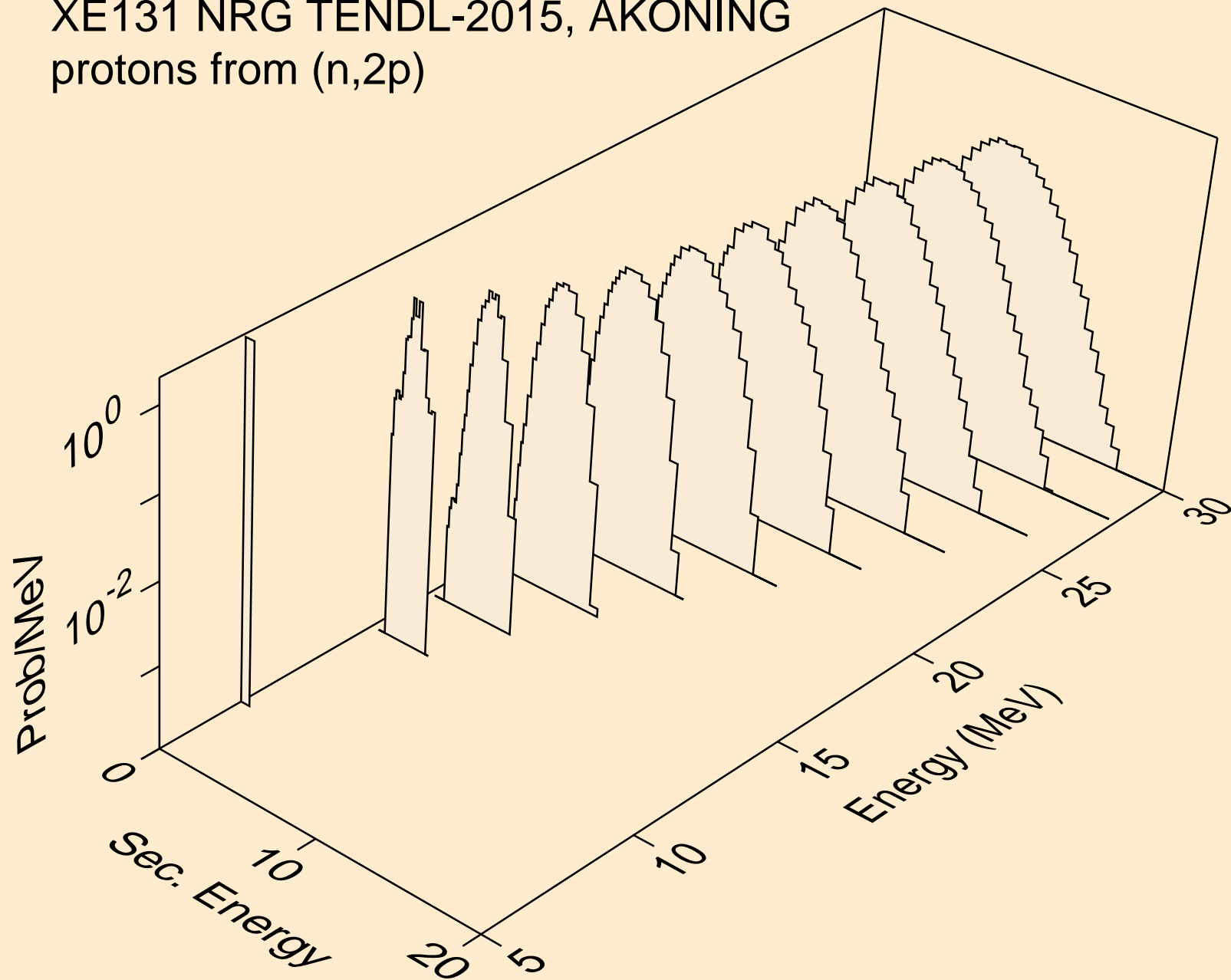
XE131 NRG TENDL-2015, AKONING  
protons from (n,npa)



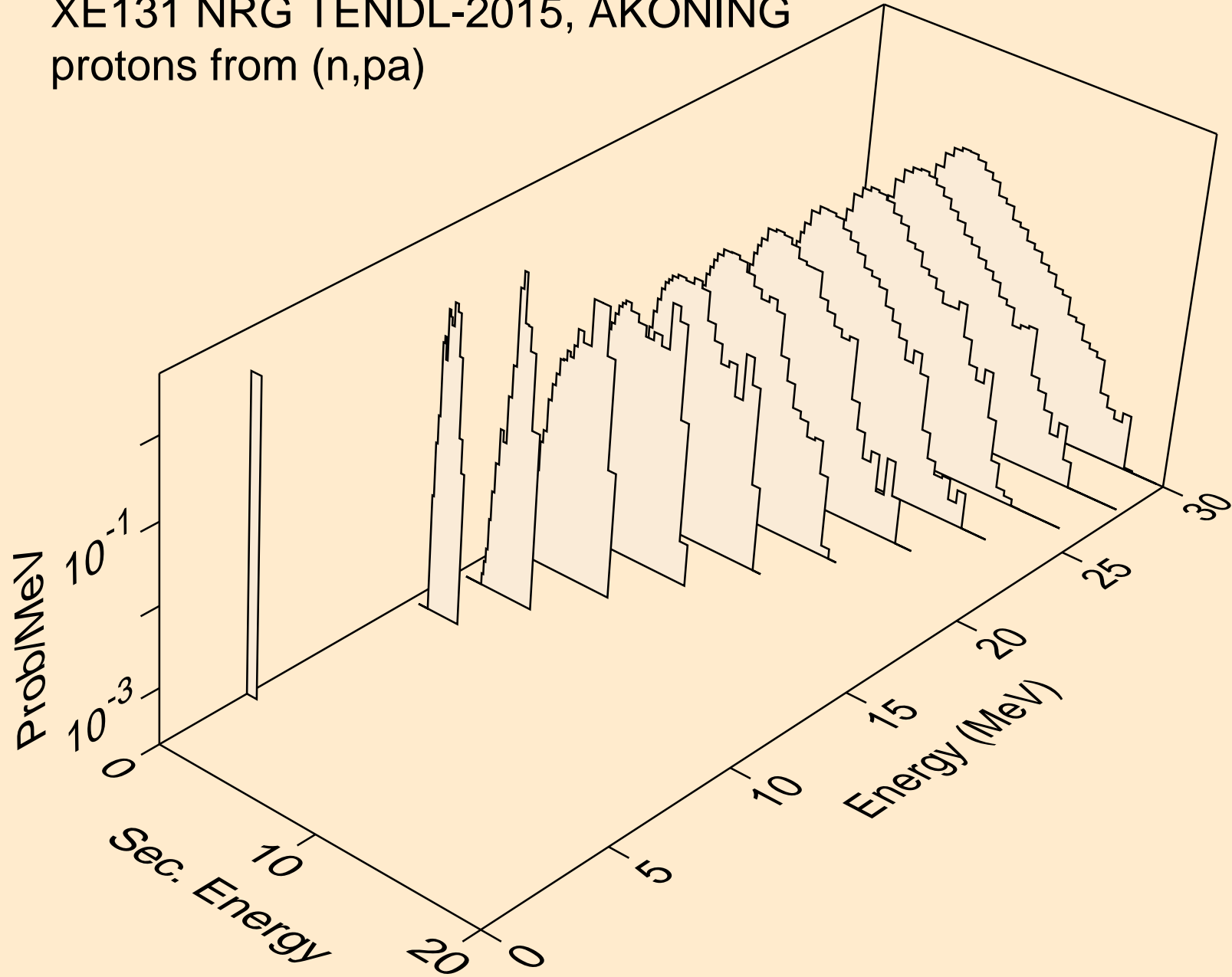
XE131 NRG TENDL-2015, AKONING  
protons from (n,p)



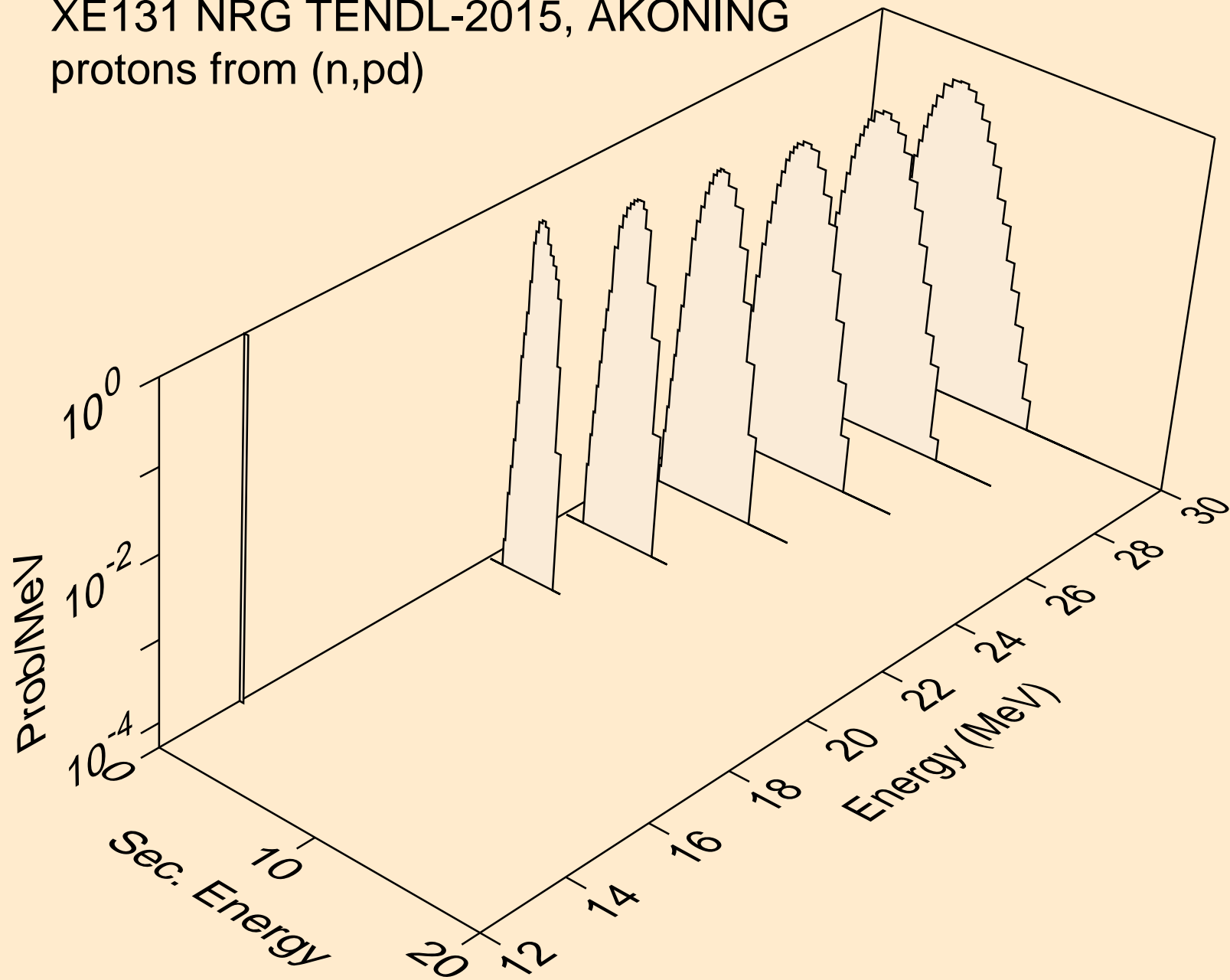
XE131 NRG TENDL-2015, AKONING  
protons from (n,2p)



XE131 NRG TENDL-2015, AKONING  
protons from (n,pa)

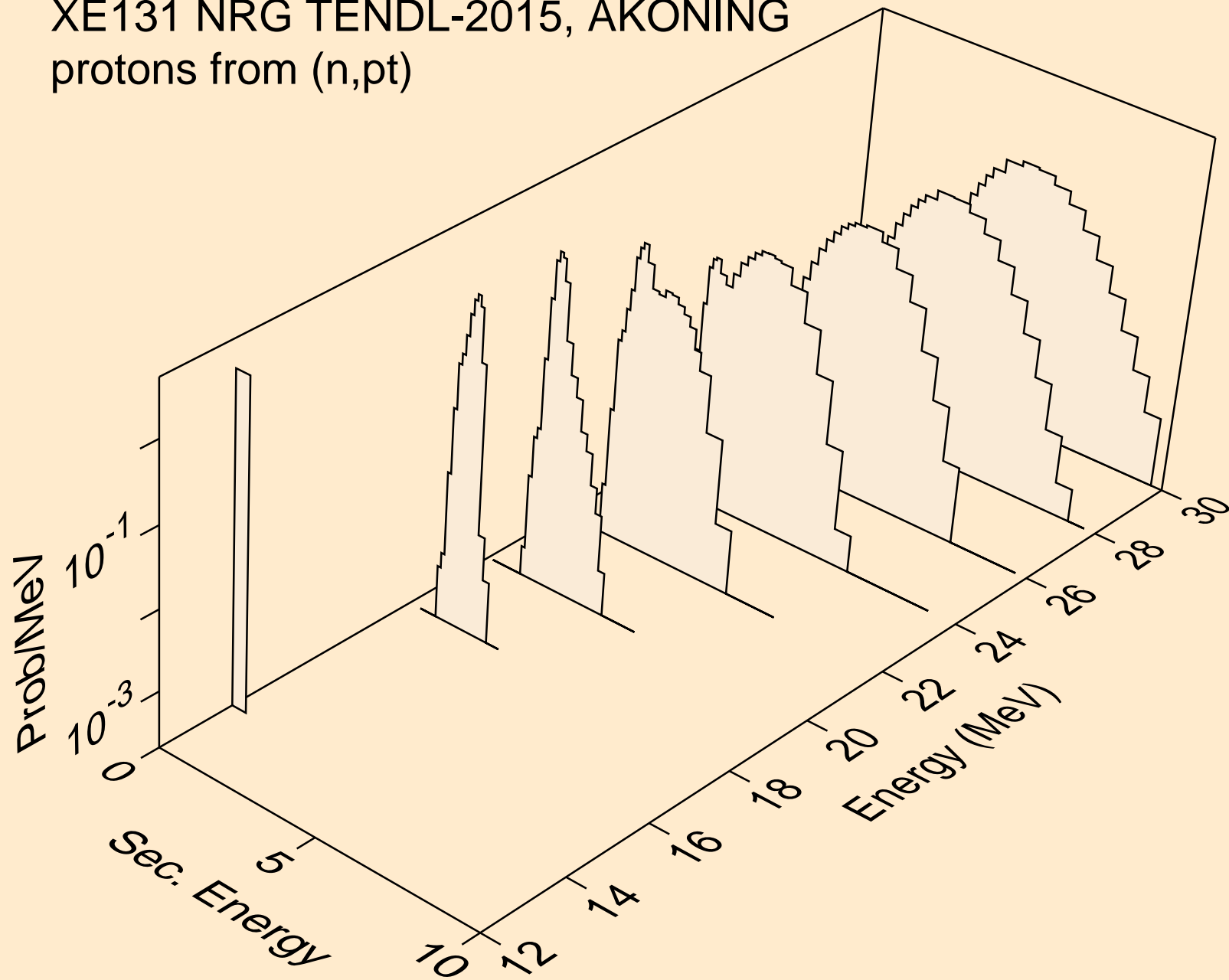


XE131 NRG TENDL-2015, AKONING  
protons from (n,pd)

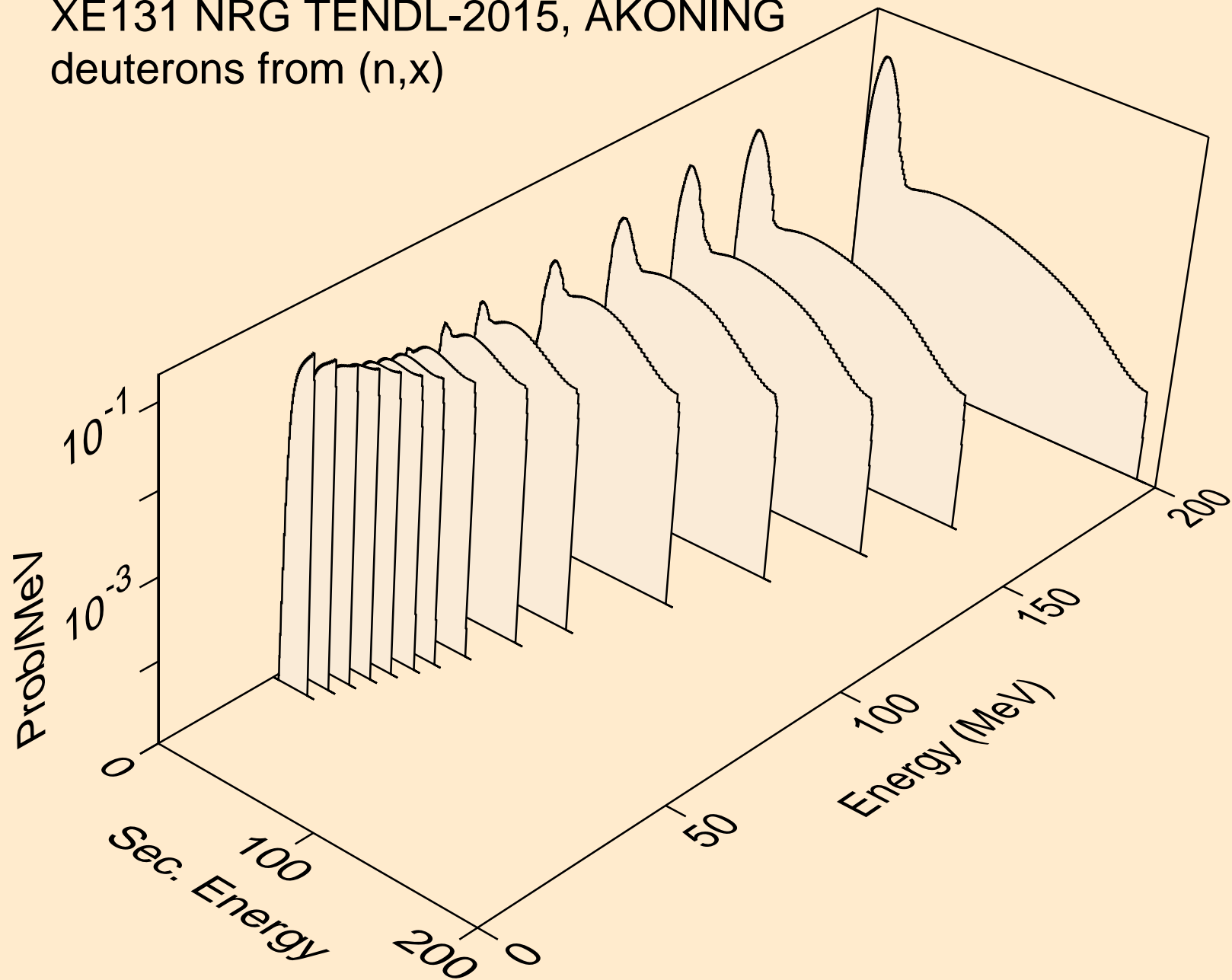




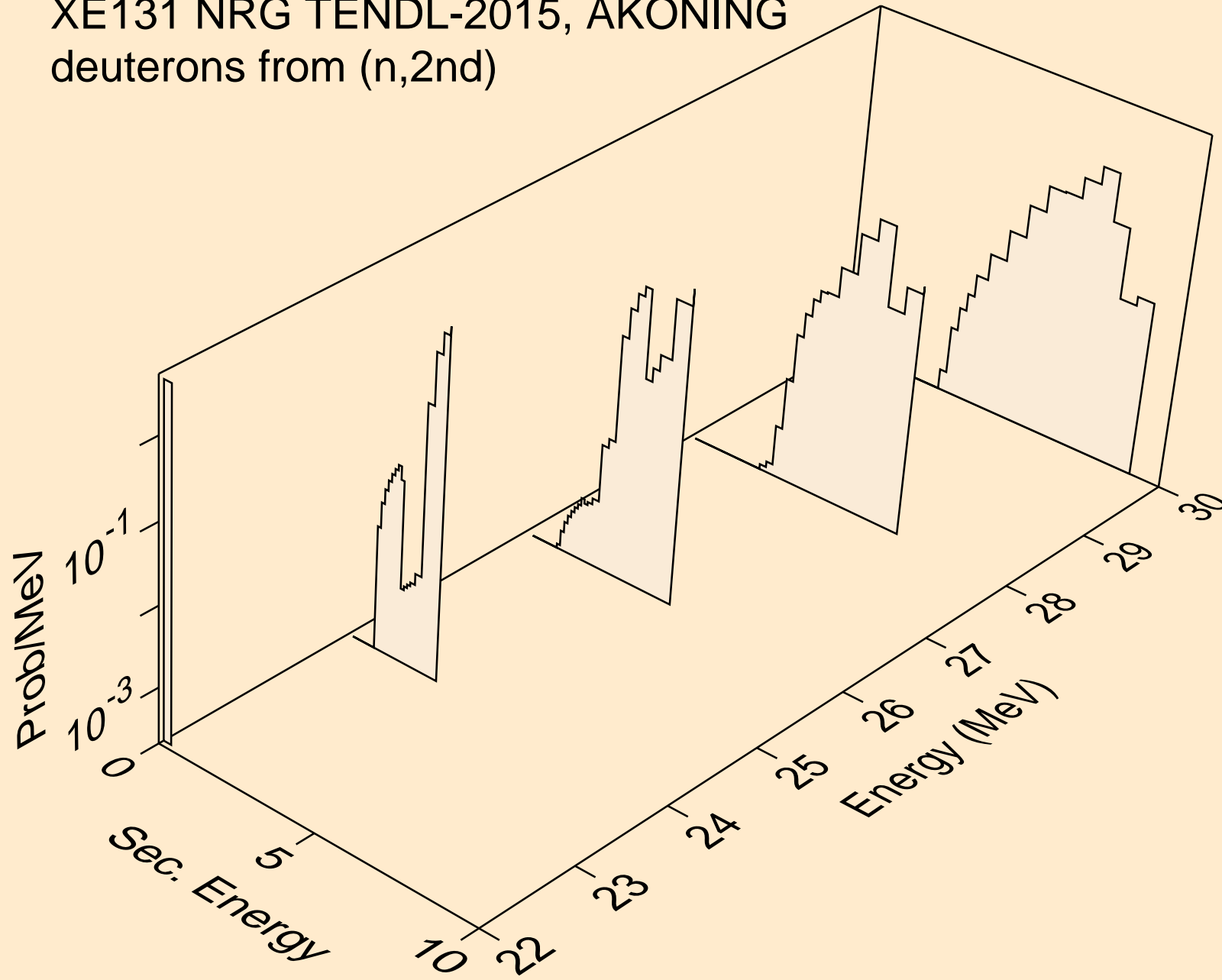
XE131 NRG TENDL-2015, AKONING  
protons from (n,pt)



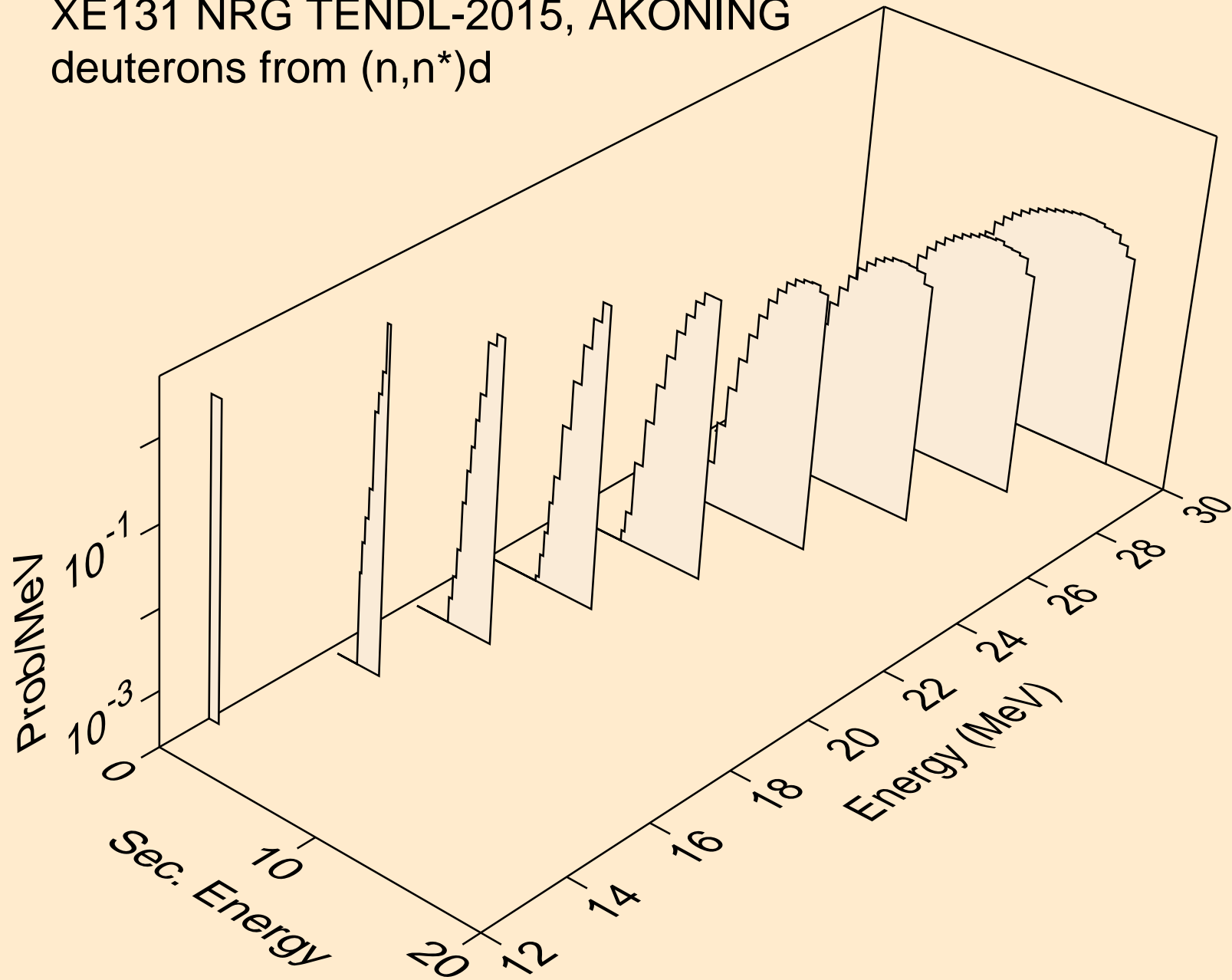
XE131 NRG TENDL-2015, AKONING  
deuterons from (n,x)



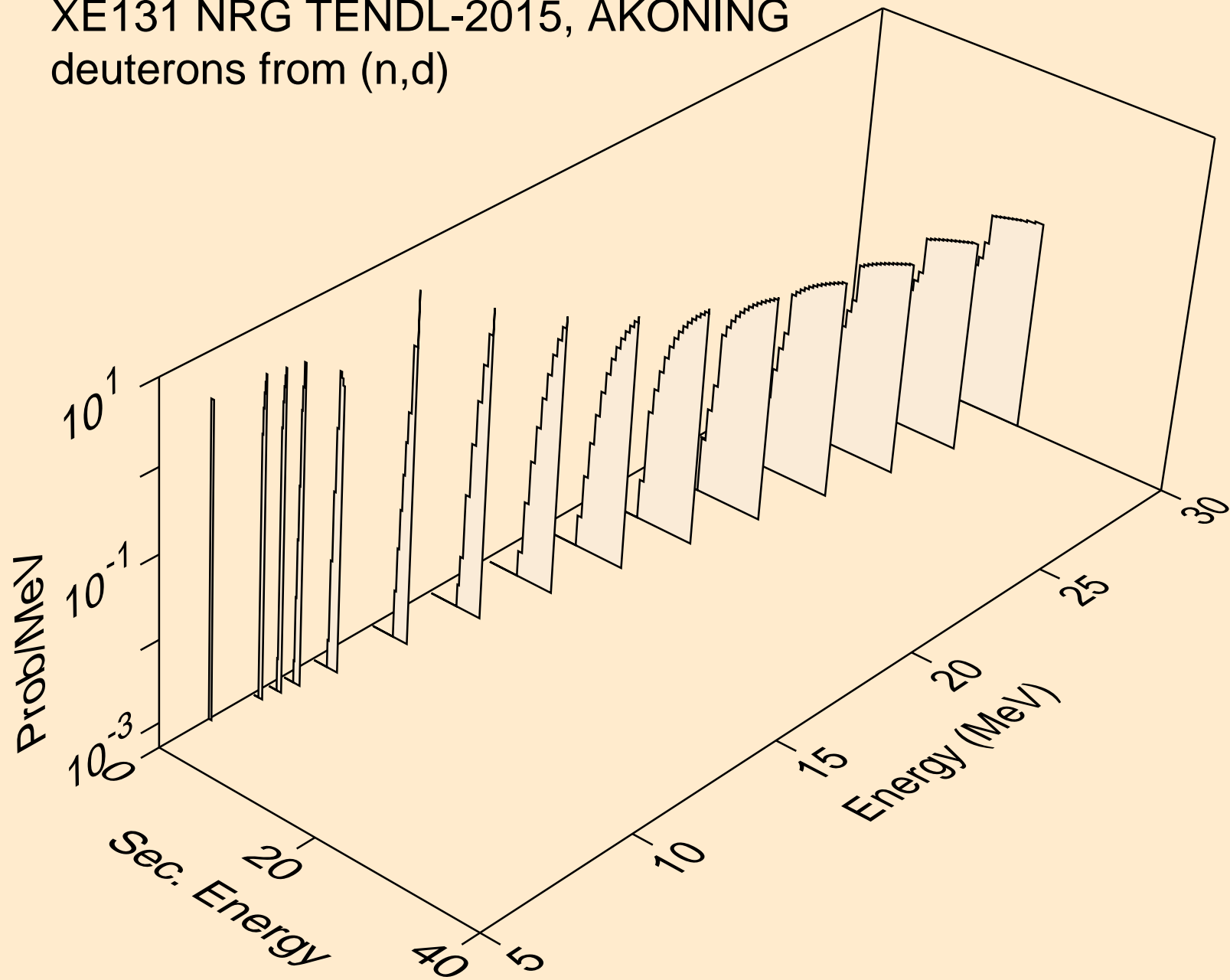
XE131 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



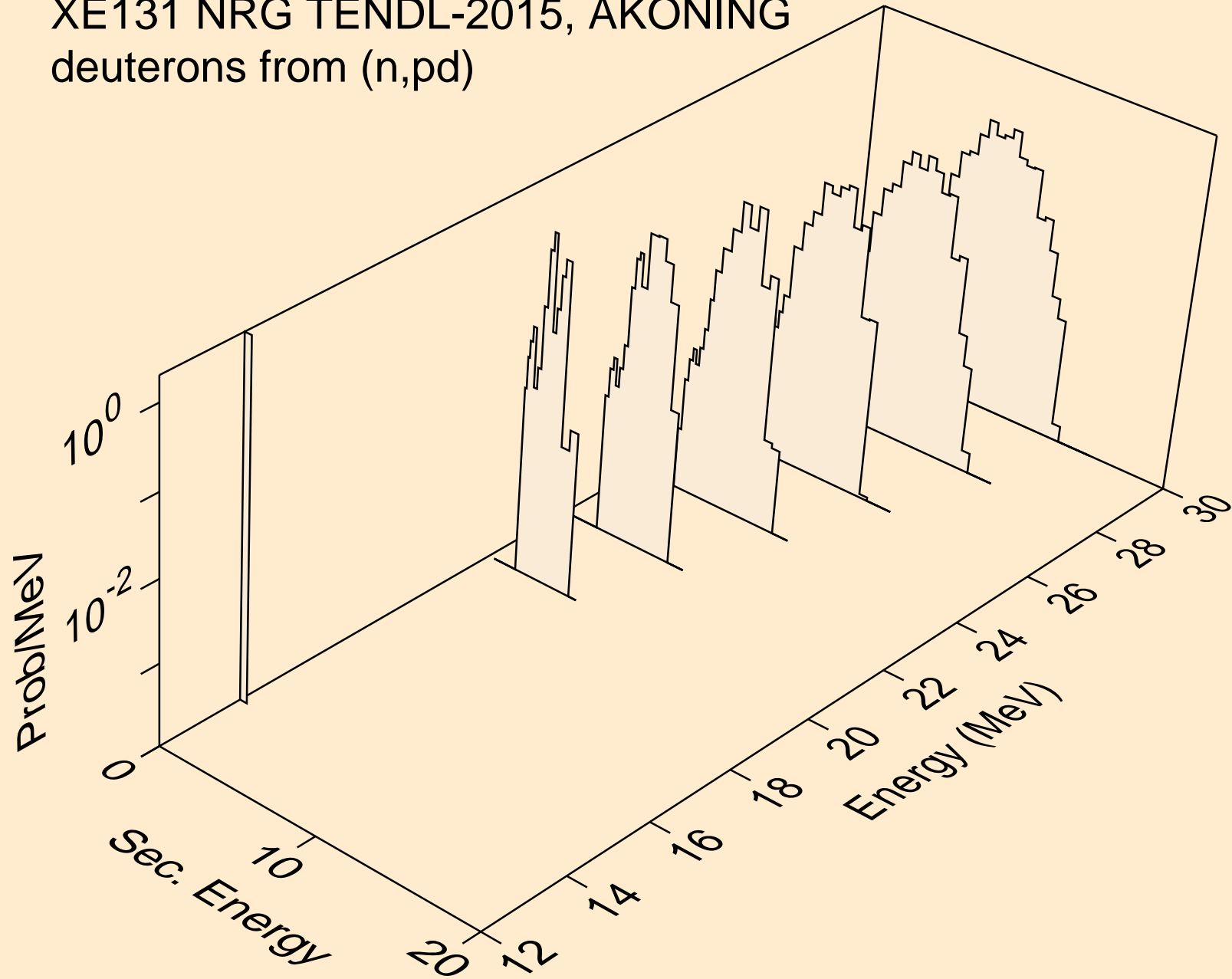
XE131 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



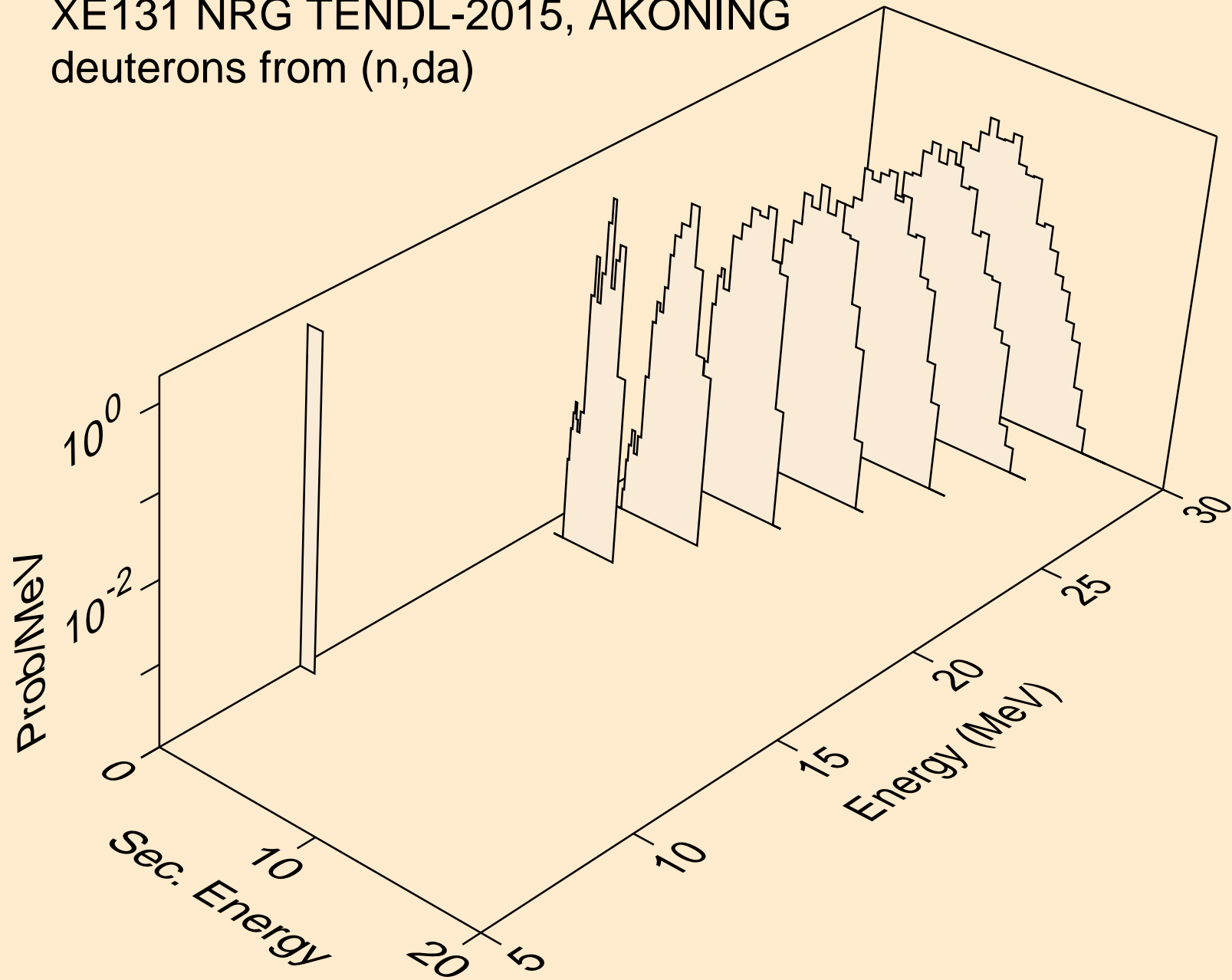
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deuterons from (n,d)



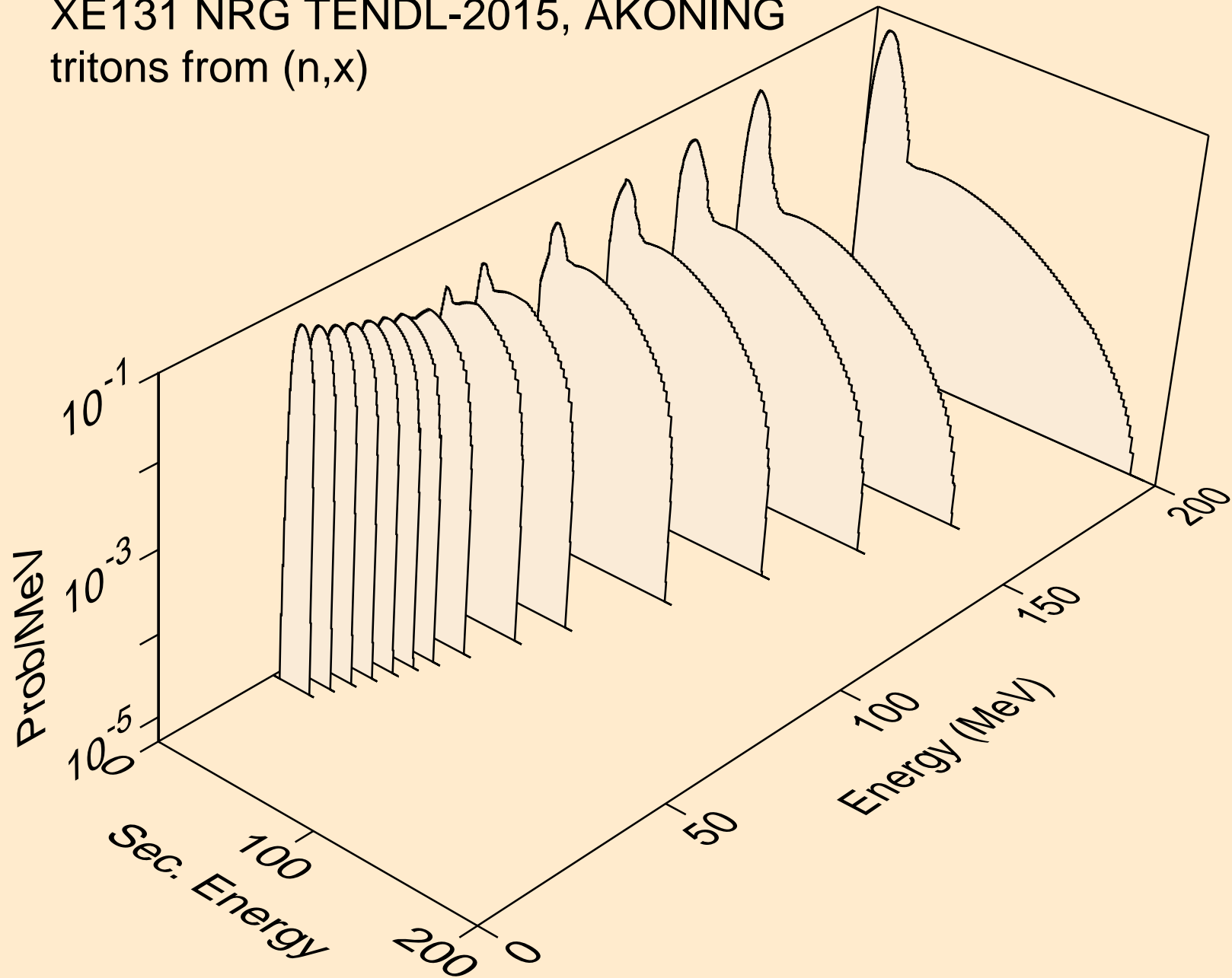
XE131 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



XE131 NRG TENDL-2015, AKONING  
deuterons from (n,da)

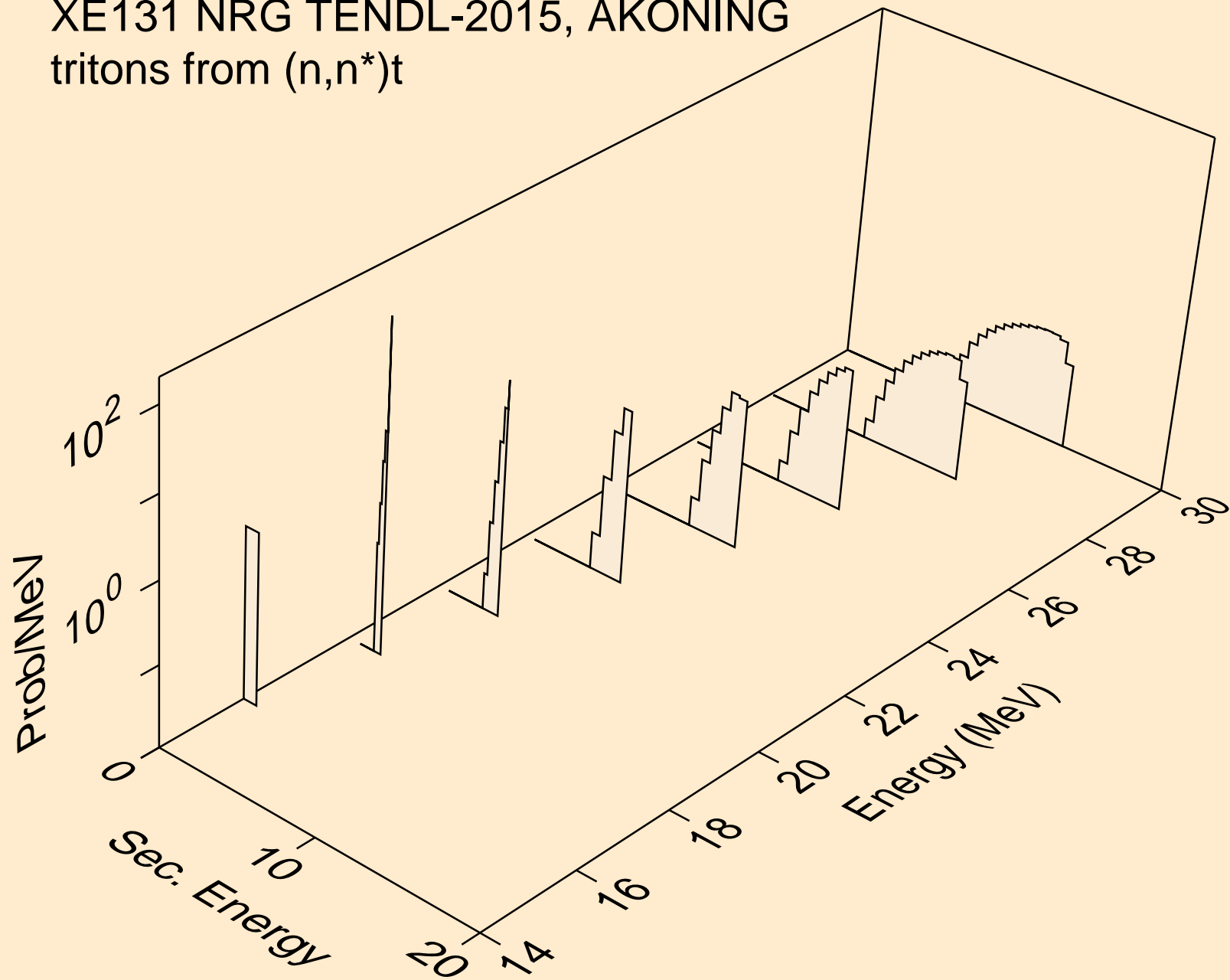


XE131 NRG TENDL-2015, AKONING  
tritons from (n,x)

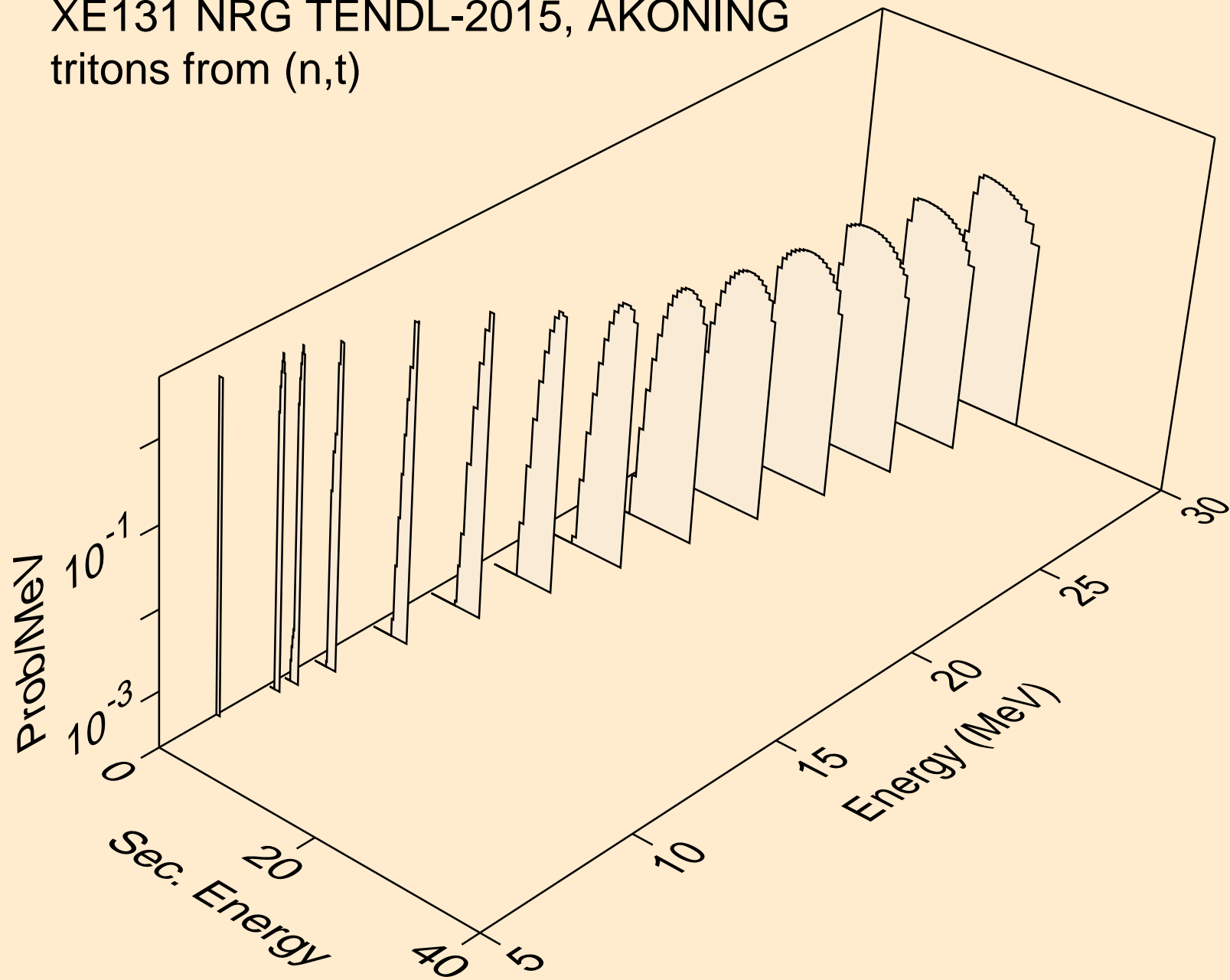




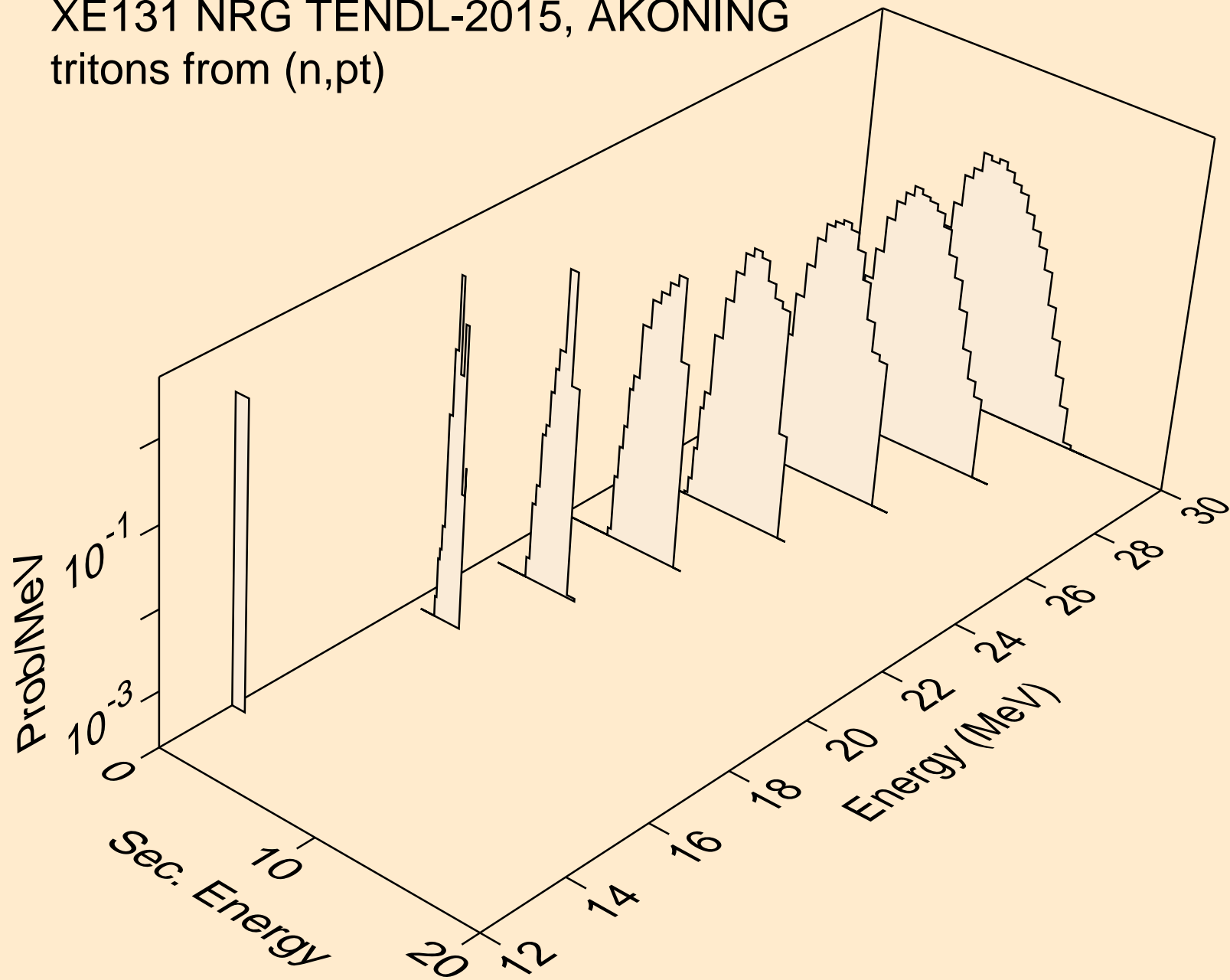
XE131 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



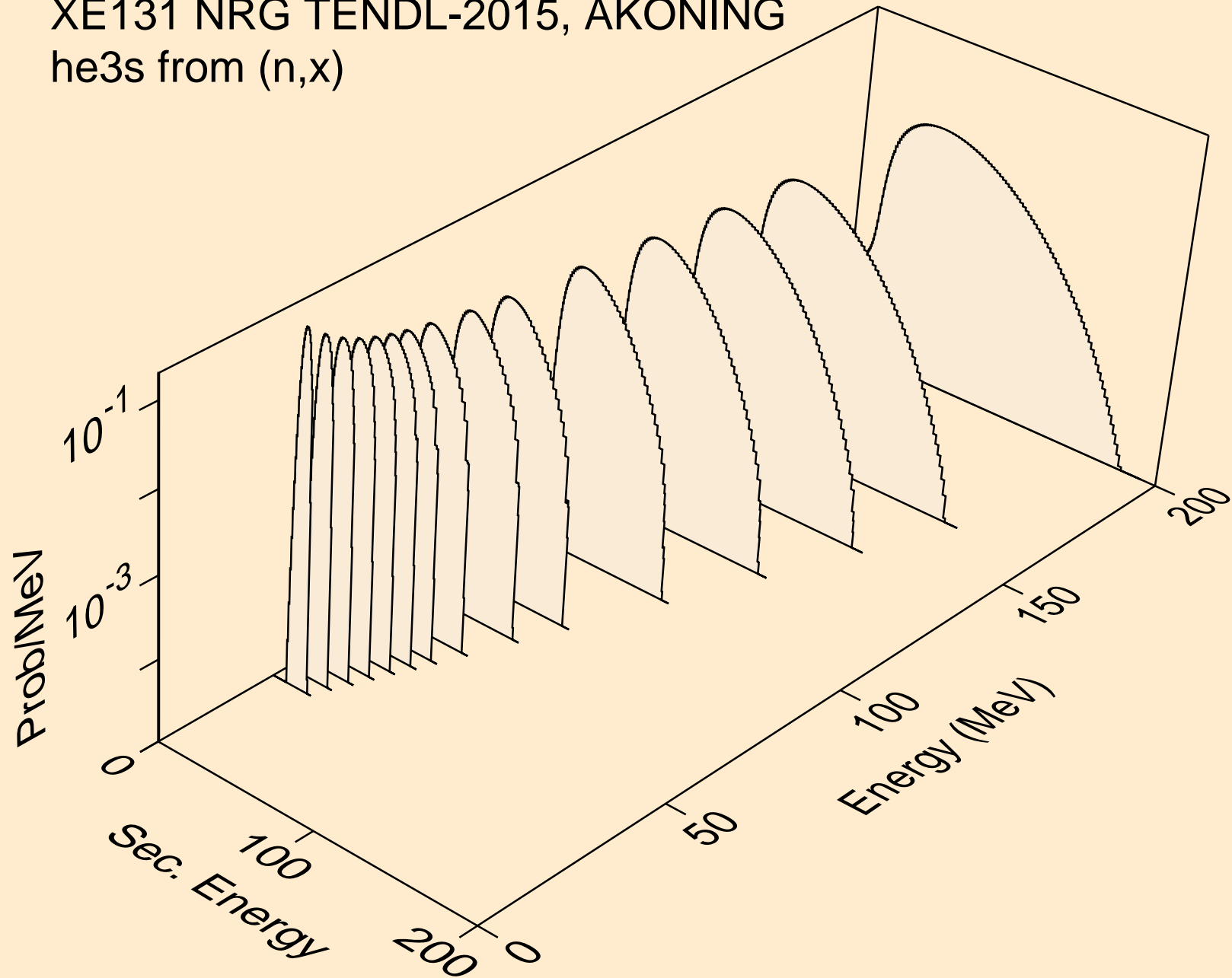
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tritons from (n,t)



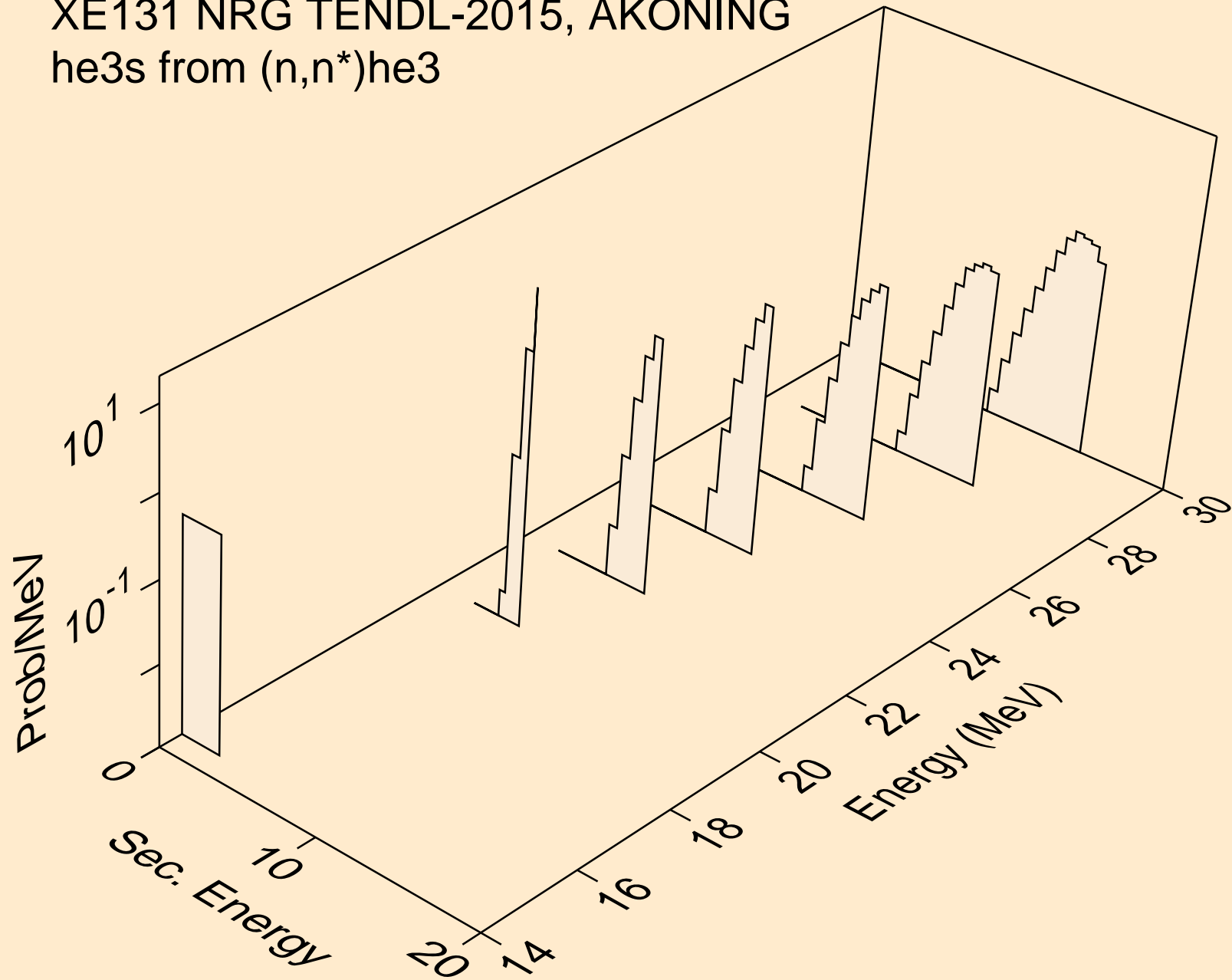
XE131 NRG TENDL-2015, AKONING  
tritons from (n,pt)



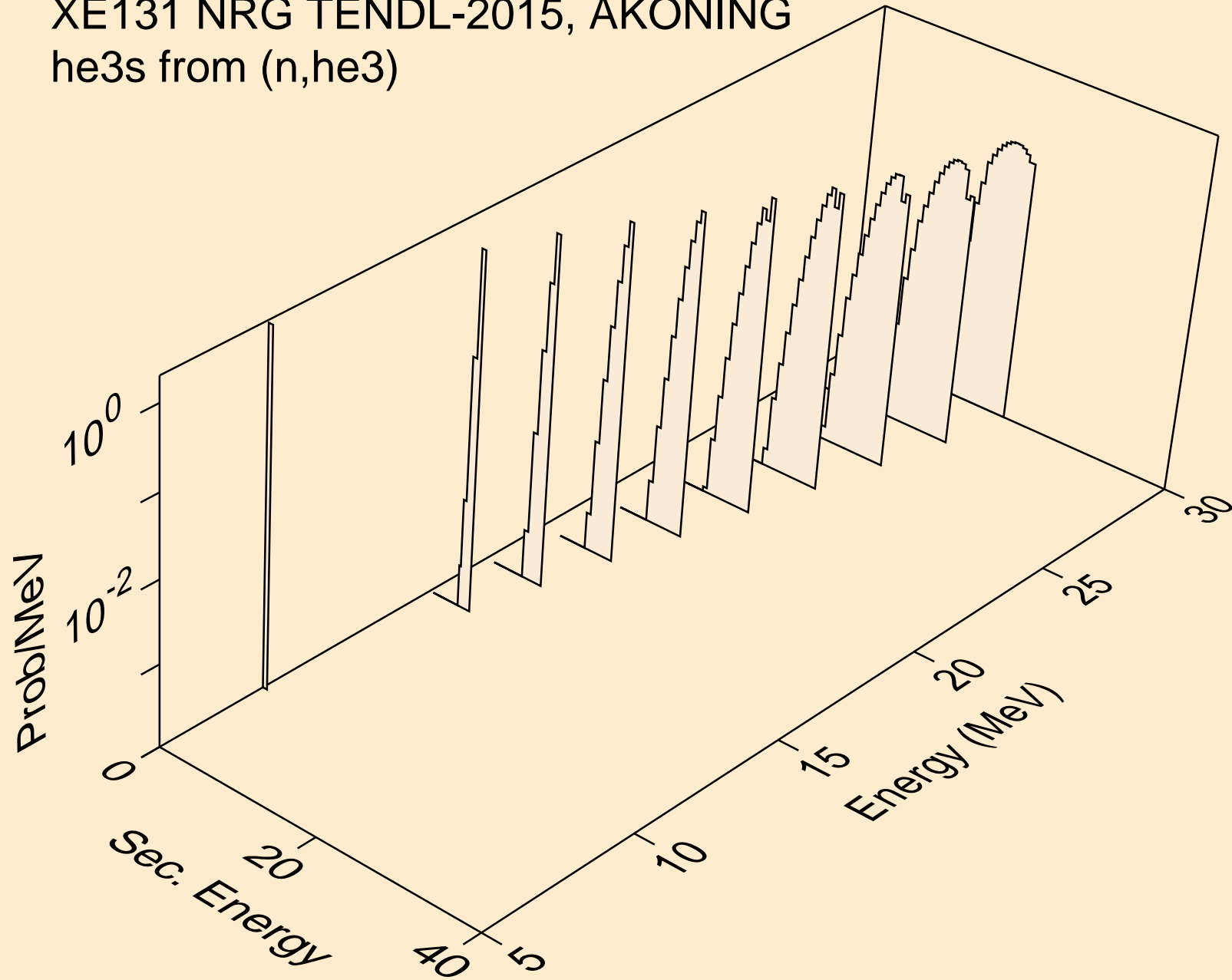
XE131 NRG TENDL-2015, AKONING  
he3s from (n,x)



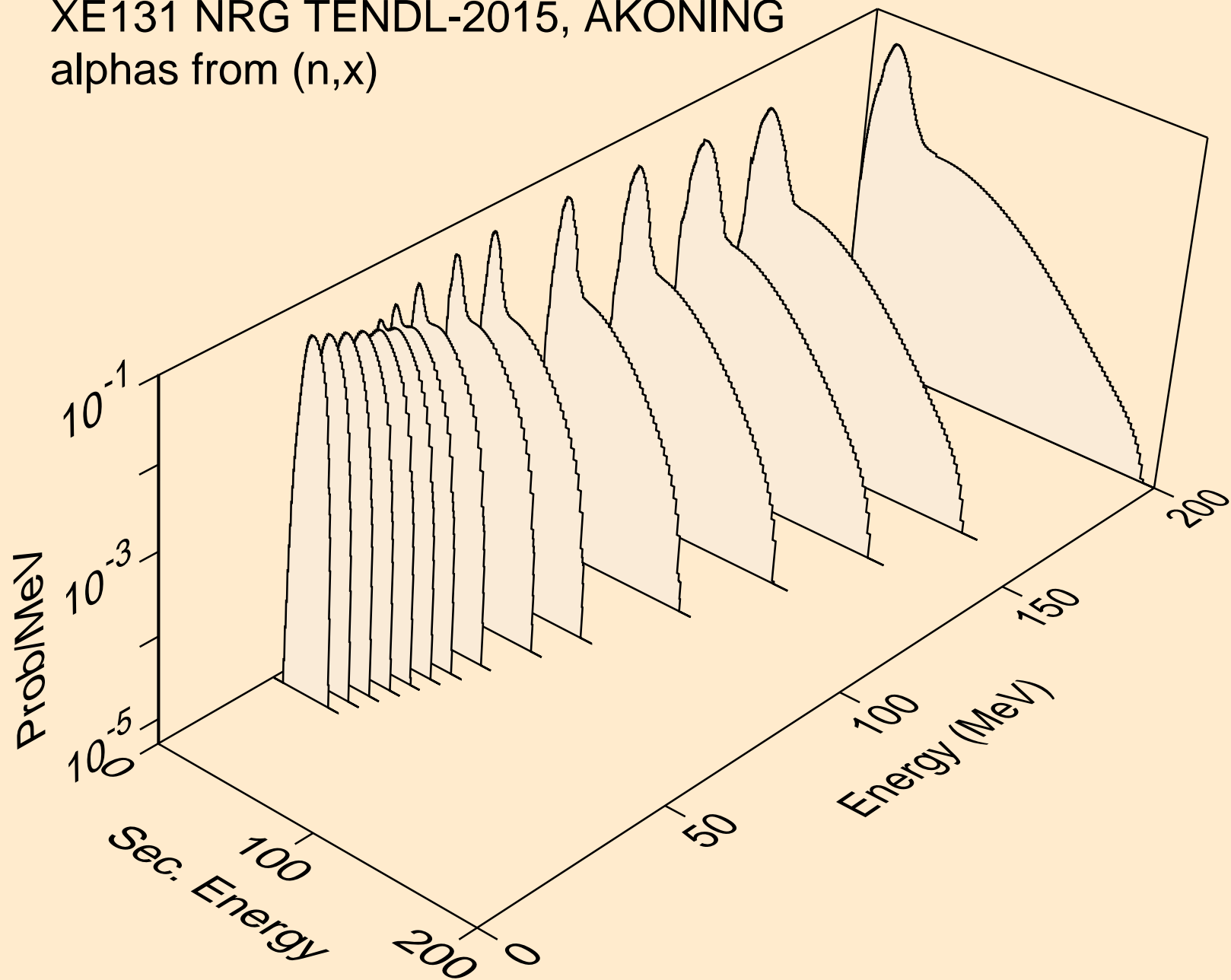
XE131 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



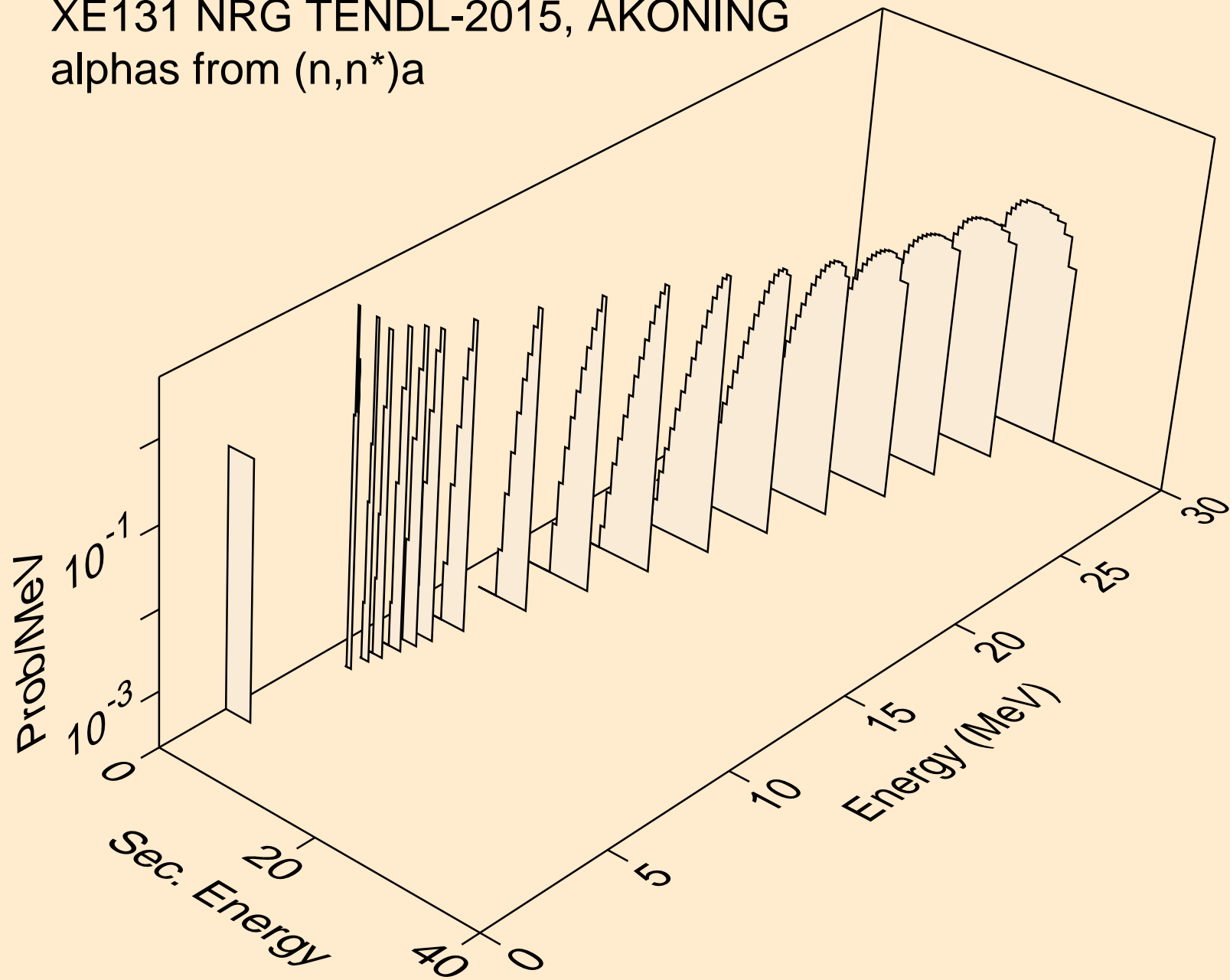
XE131 NRG TENDL-2015, AKONING  
he3s from (n,he3)



XE131 NRG TENDL-2015, AKONING  
alphas from (n,x)

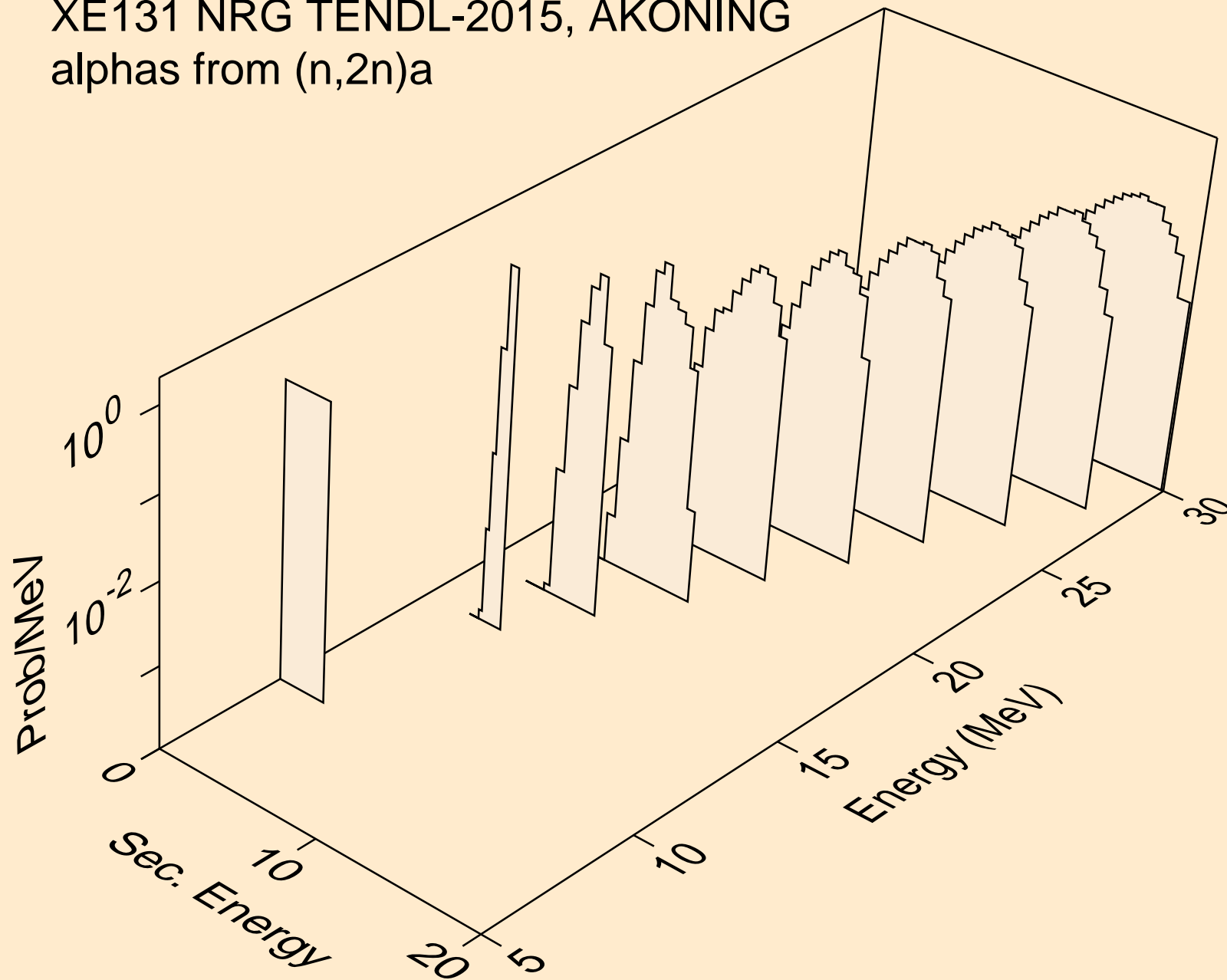


XE131 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

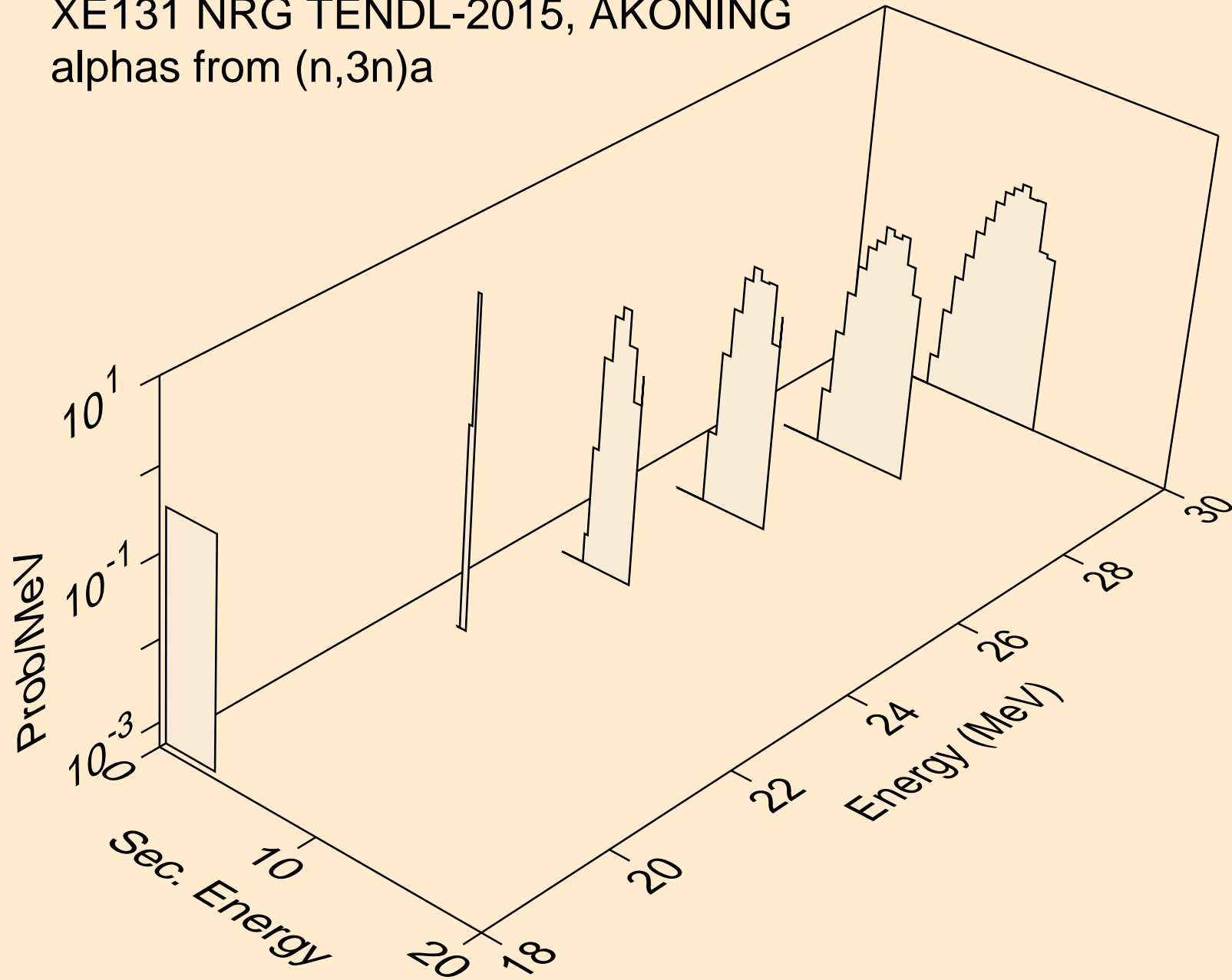




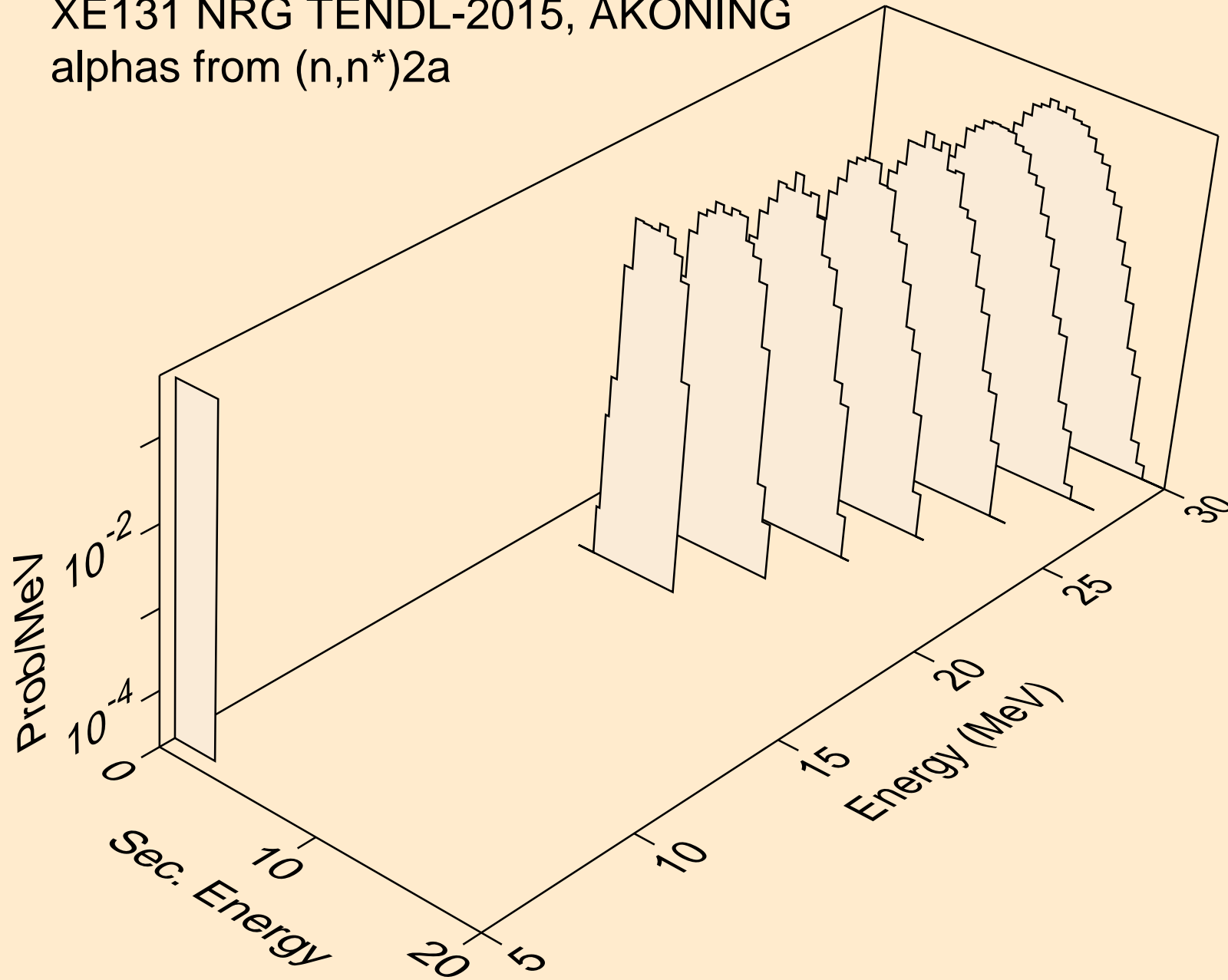
XE131 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



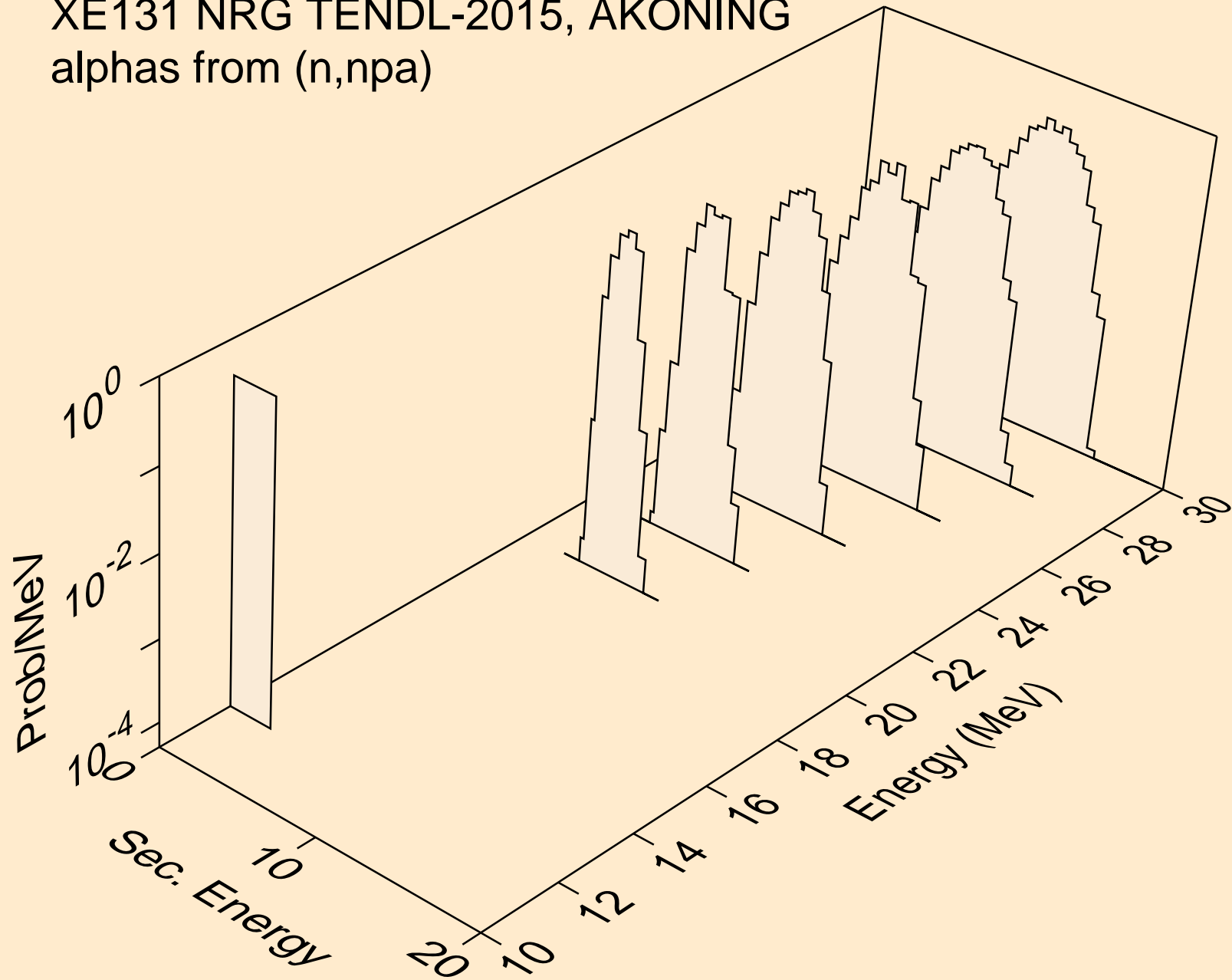
XE131 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



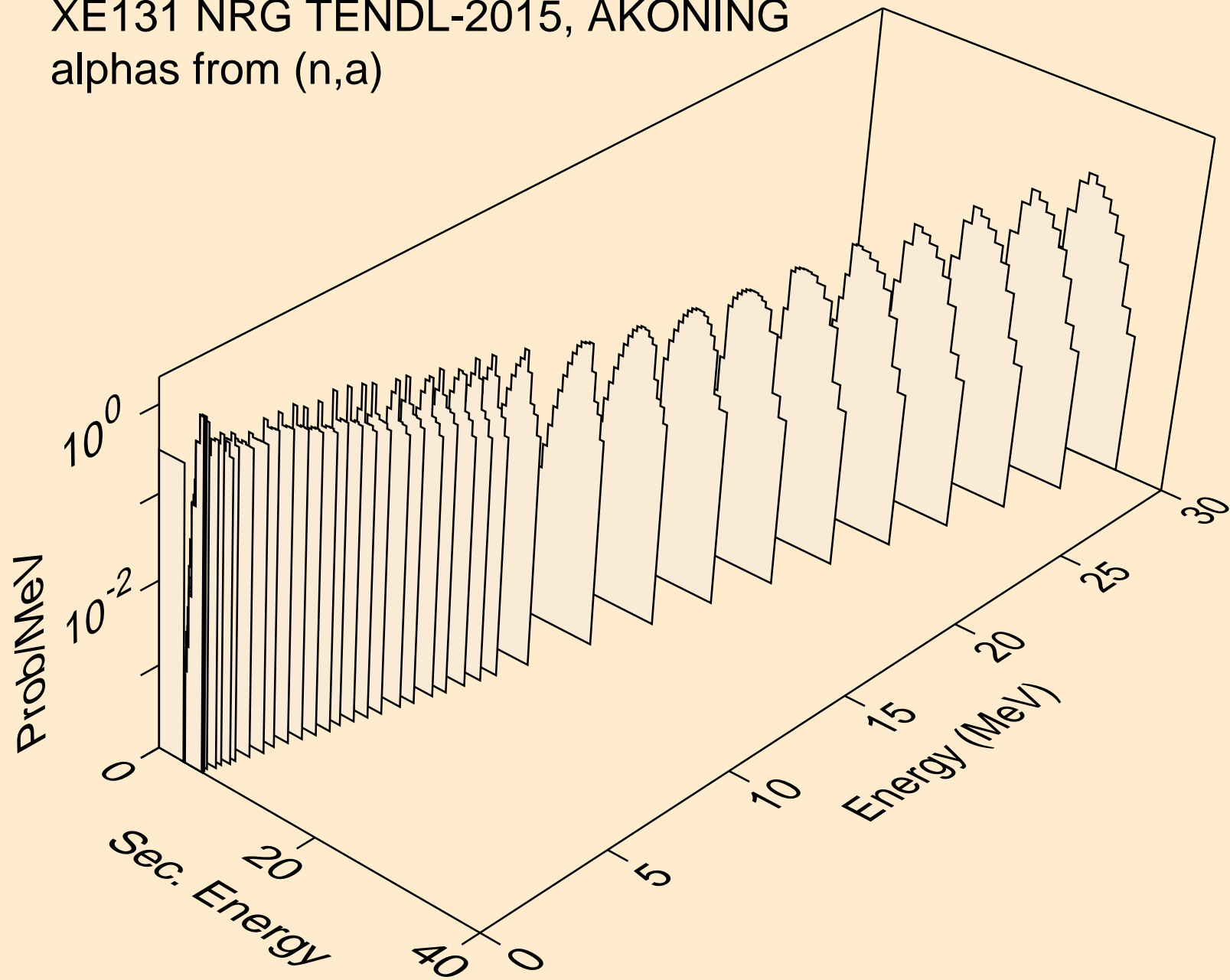
XE131 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



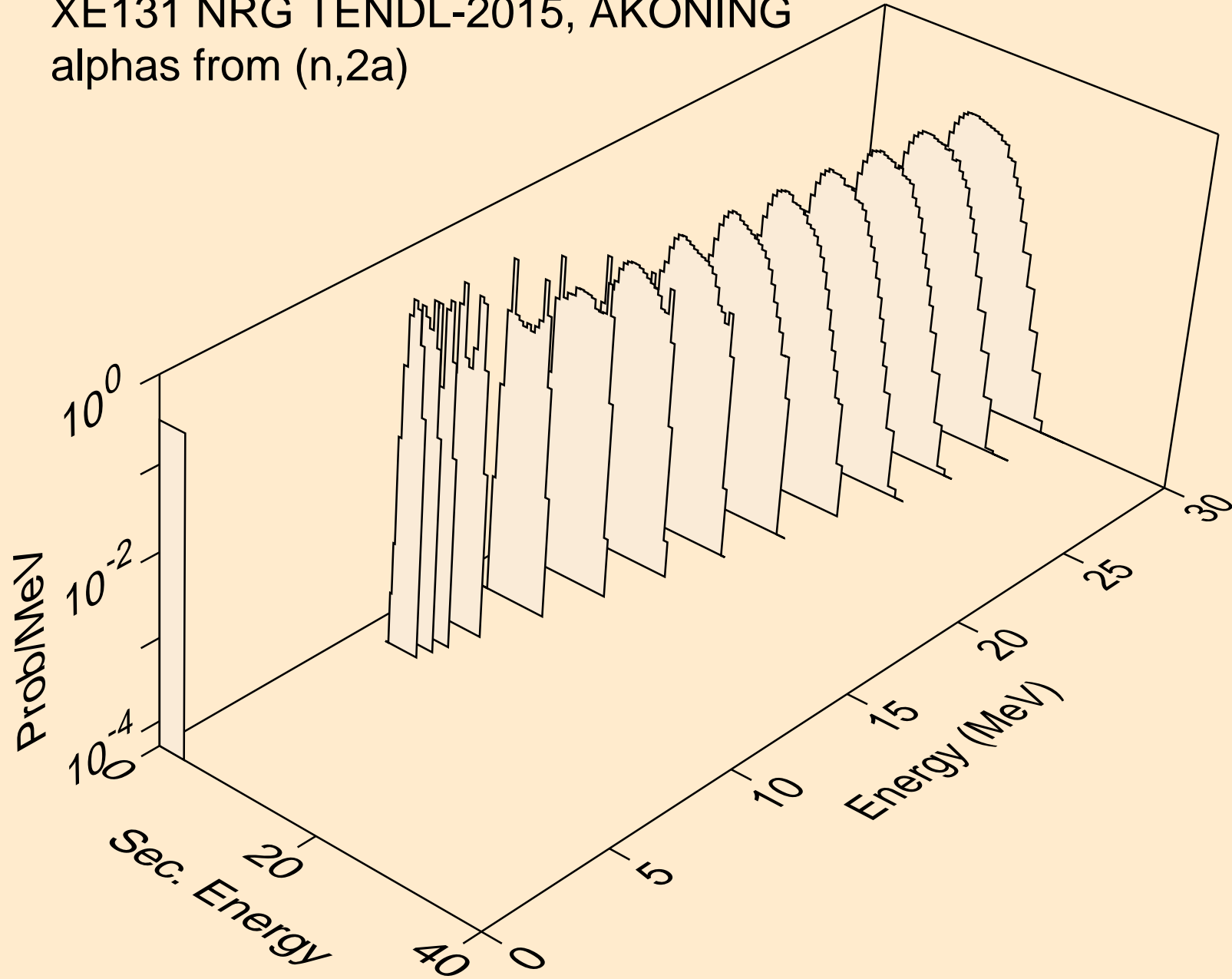
XE131 NRG TENDL-2015, AKONING  
alphas from (n,npa)



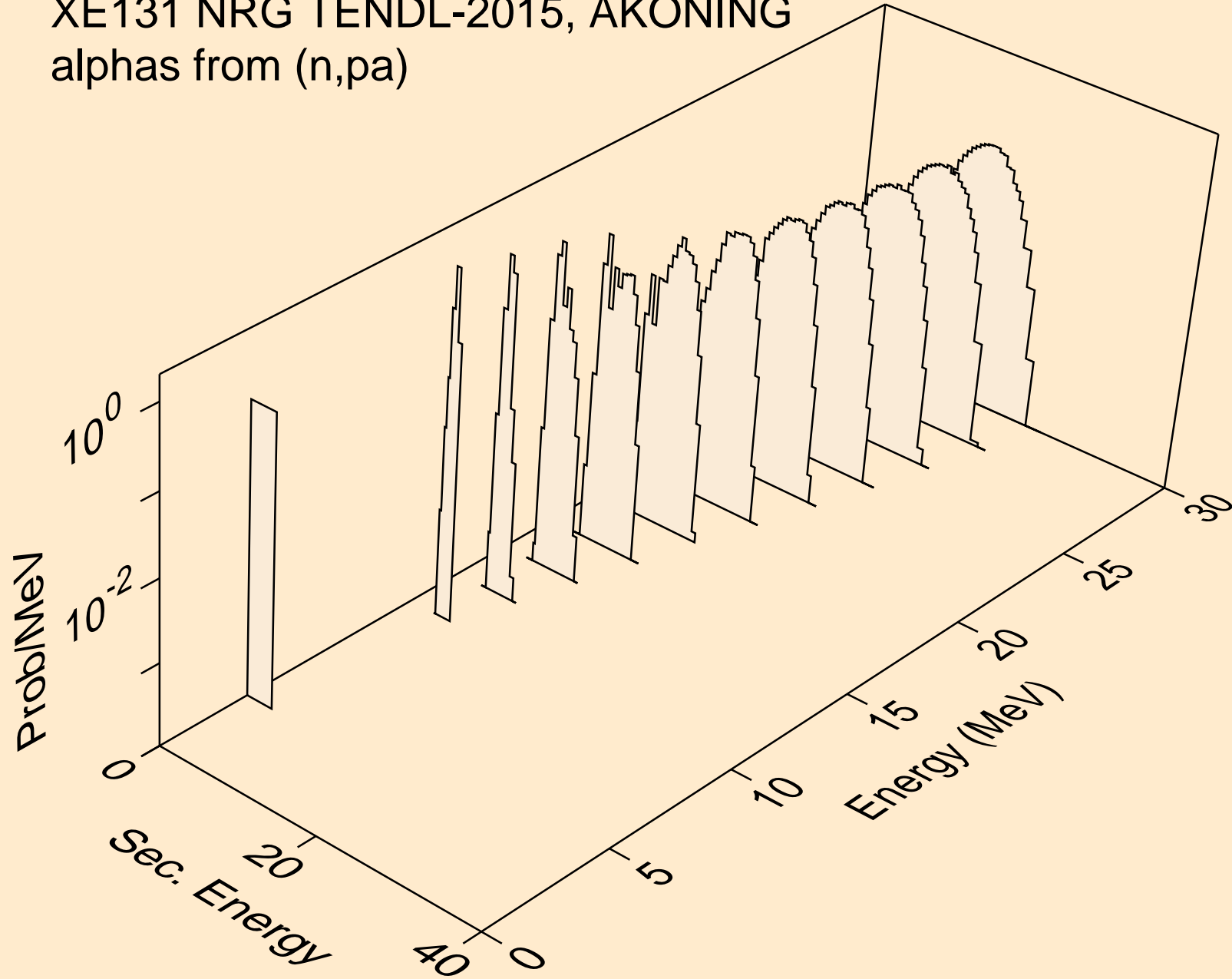
XE131 NRG TENDL-2015, AKONING  
alphas from (n,a)



XE131 NRG TENDL-2015, AKONING  
alphas from (n,2a)



XE131 NRG TENDL-2015, AKONING  
alphas from (n,pa)



XE131 NRG TENDL-2015, AKONING  
alphas from (n,da)

