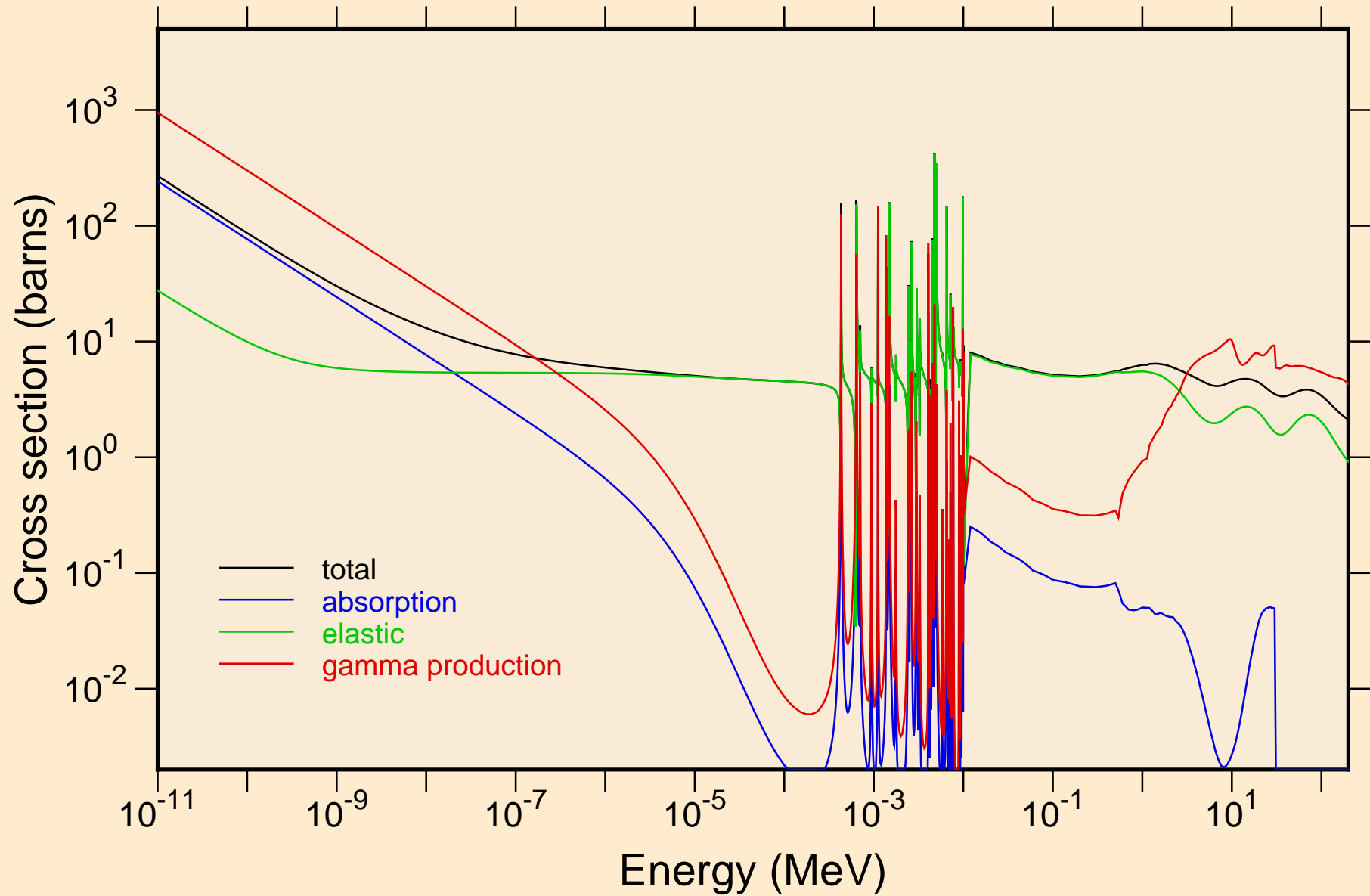
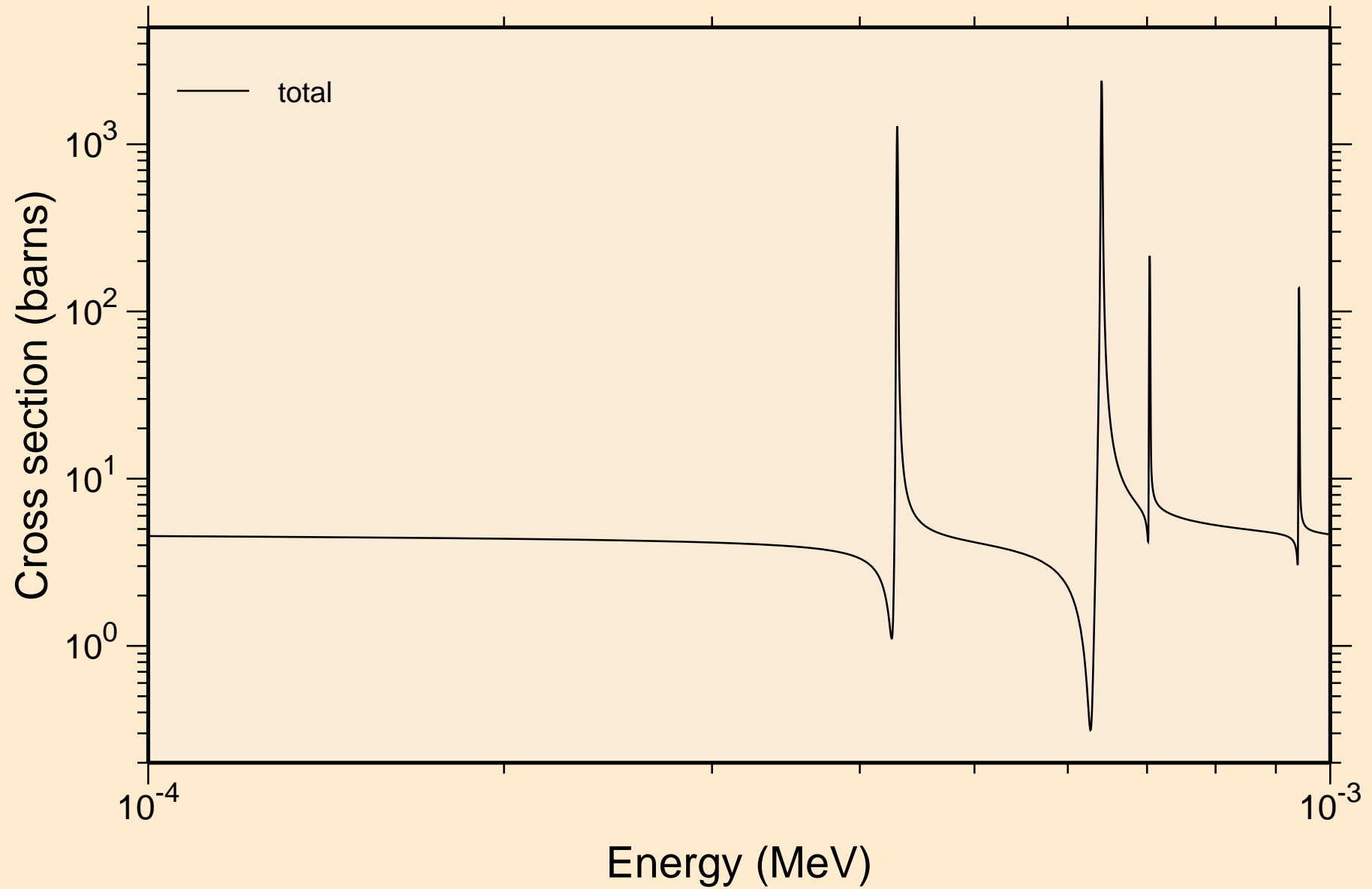


# XE130 NRG TENDL-2015, AKONING

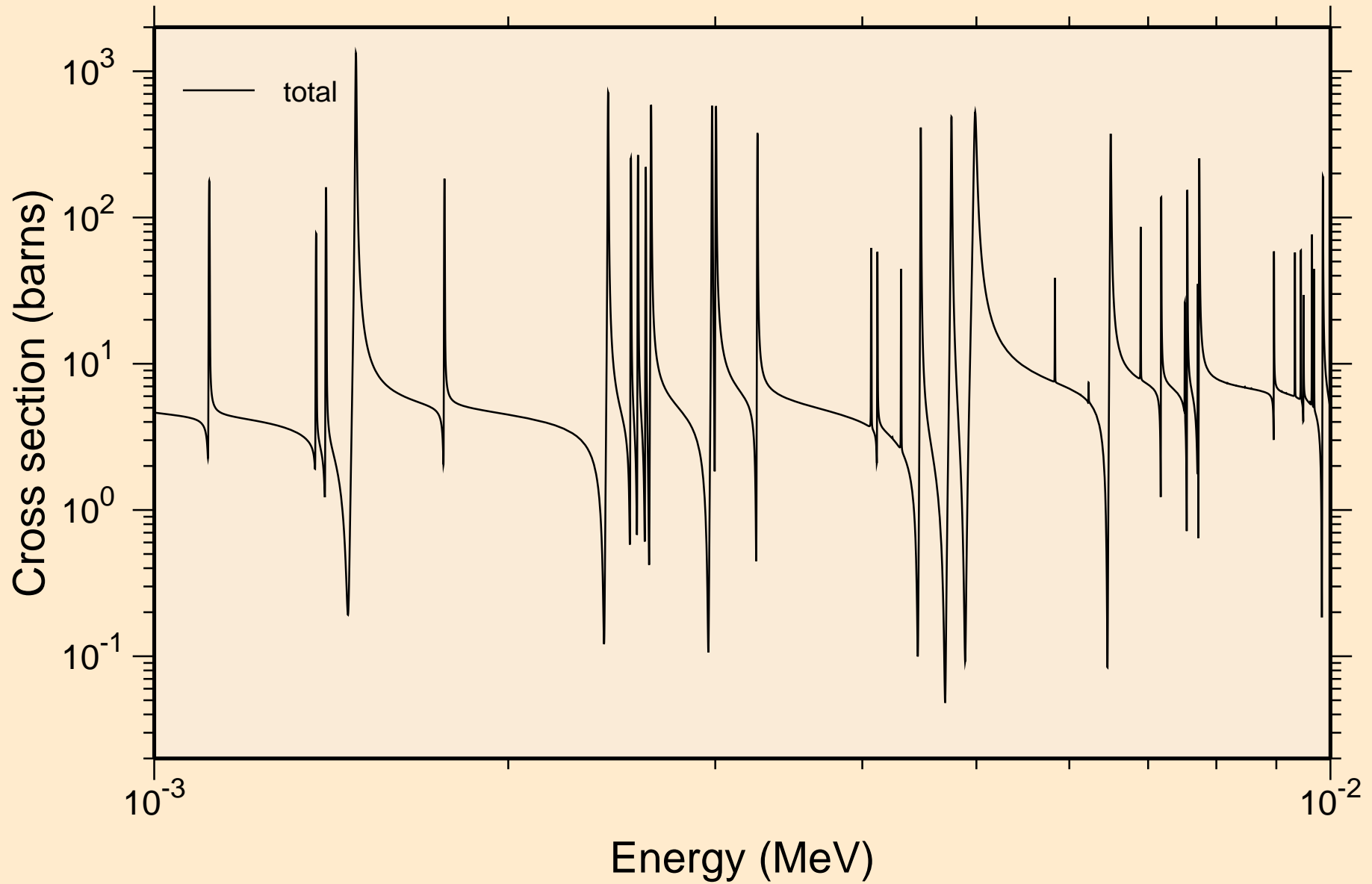
## Principal cross sections



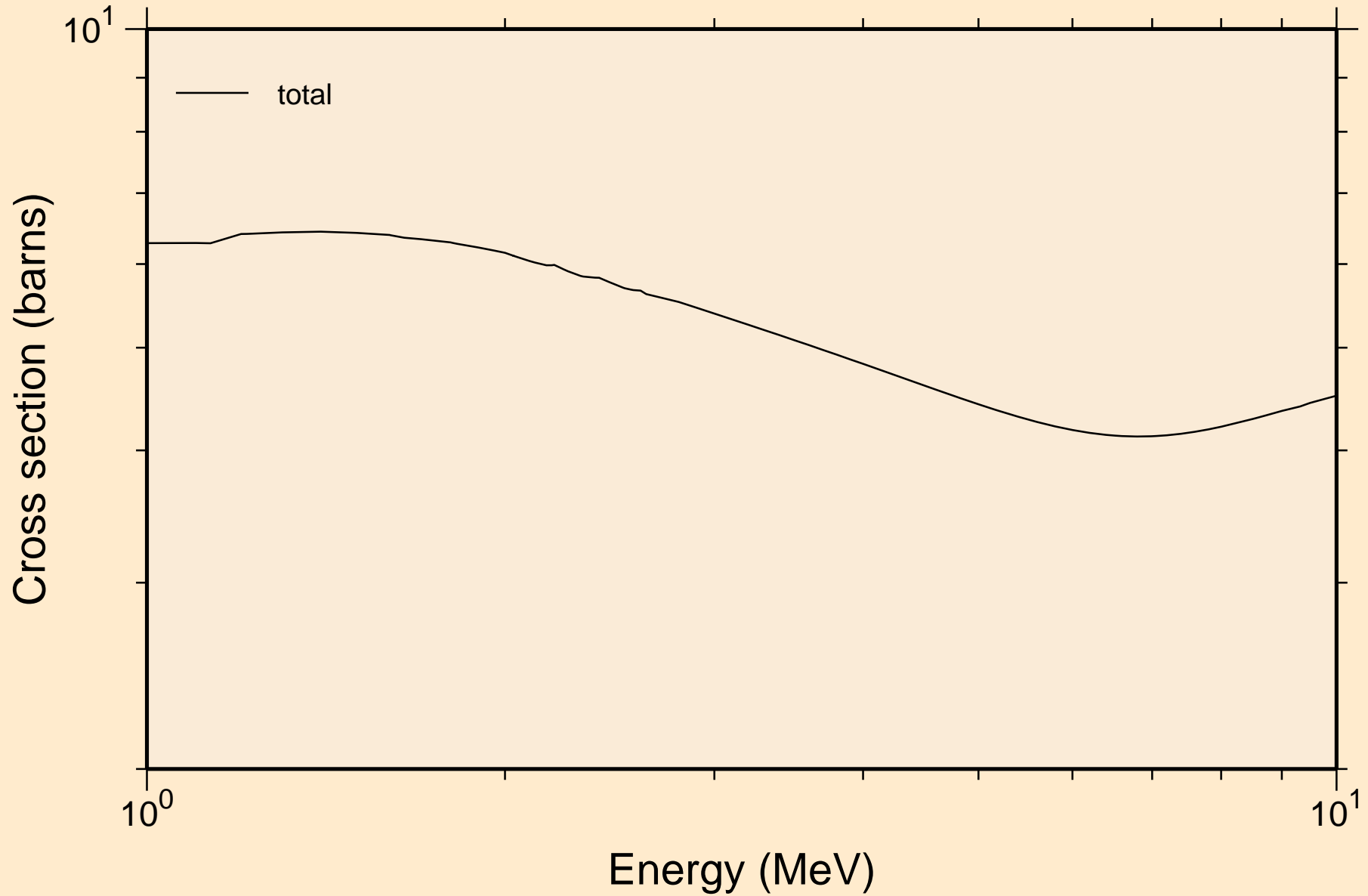
XE130 NRG TENDL-2015, AKONING  
resonance total cross section



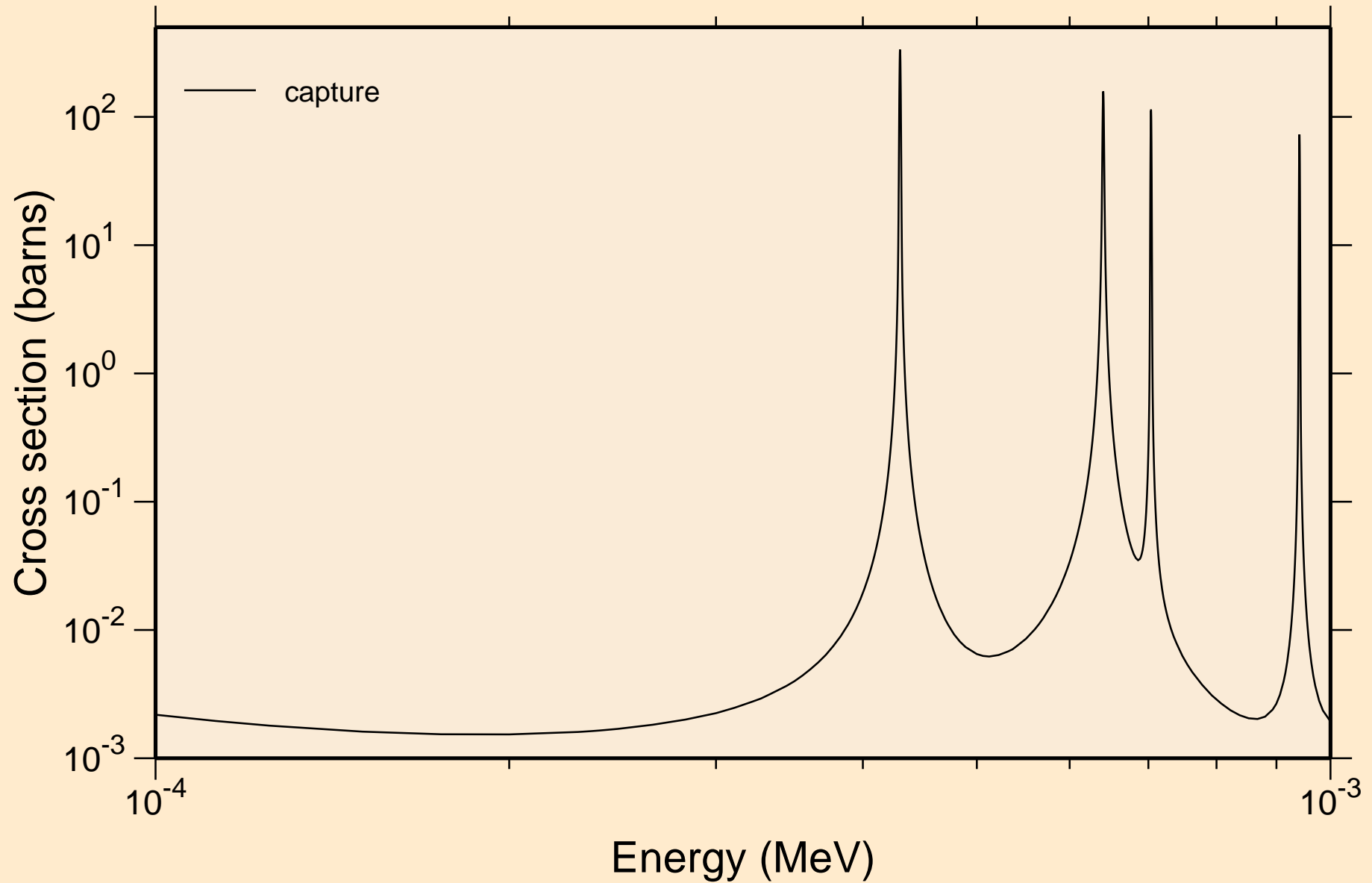
XE130 NRG TENDL-2015, AKONING  
resonance total cross section



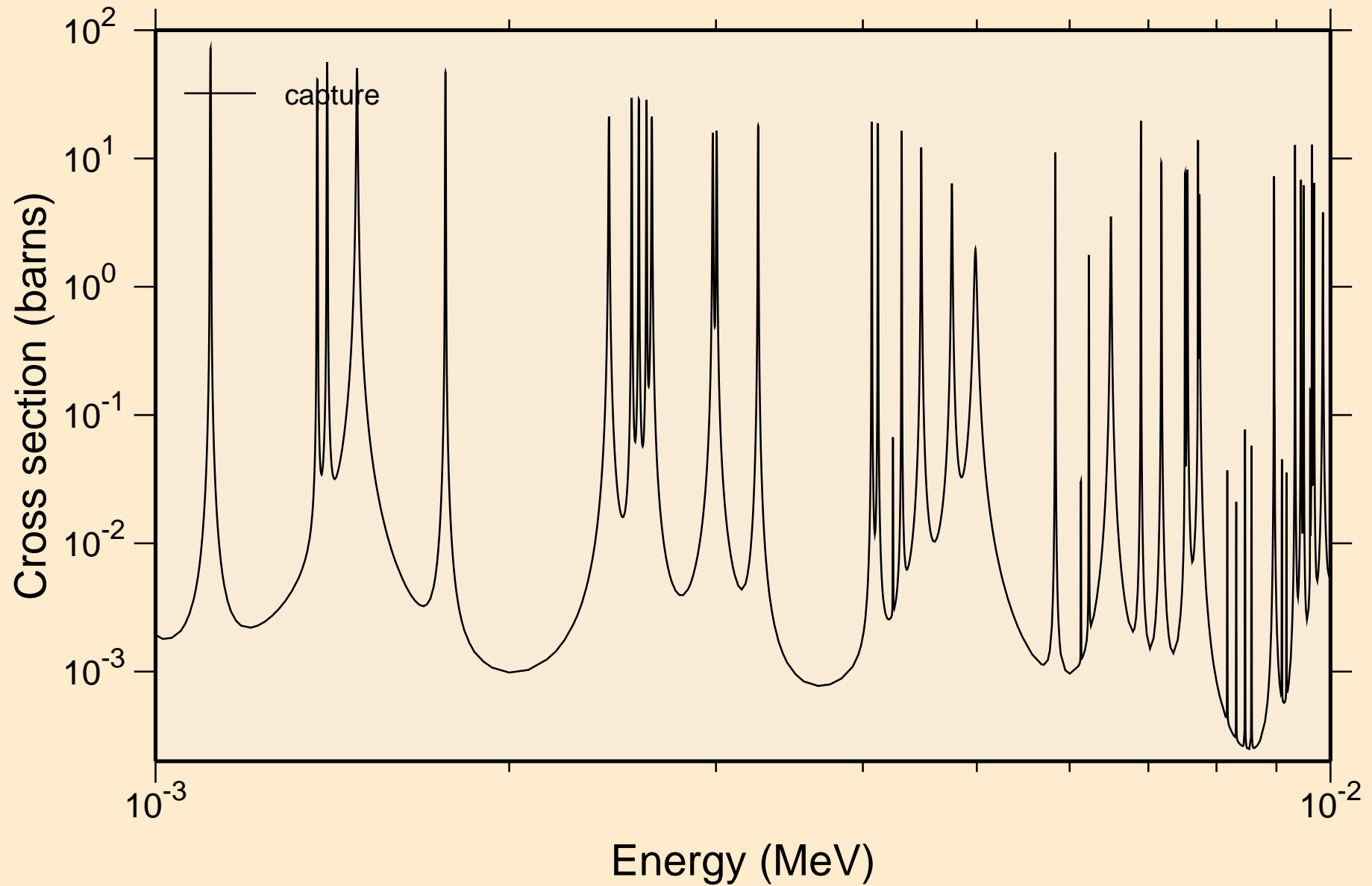
XE130 NRG TENDL-2015, AKONING  
resonance total cross section



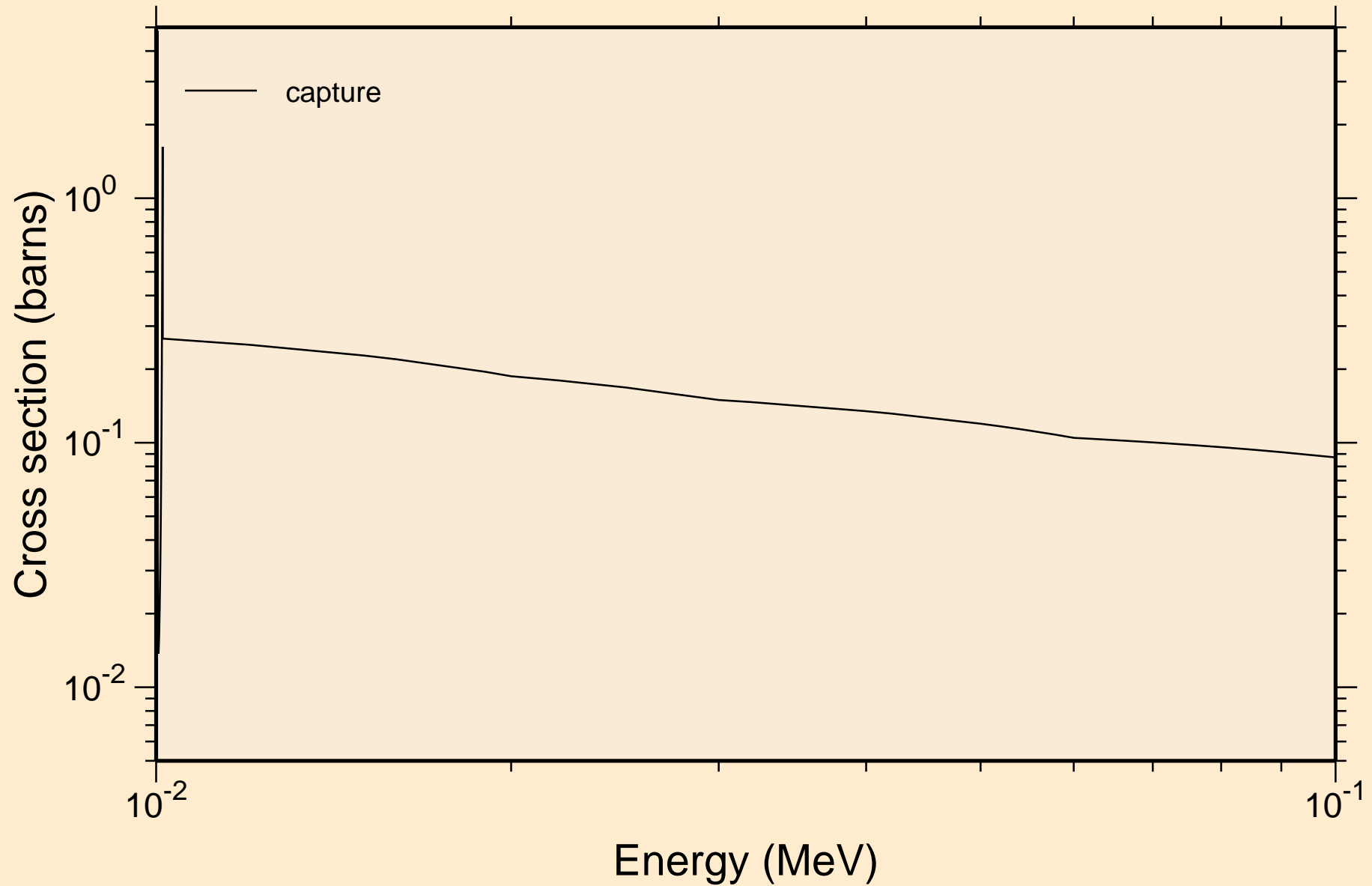
XE130 NRG TENDL-2015, AKONING  
resonance absorption cross sections



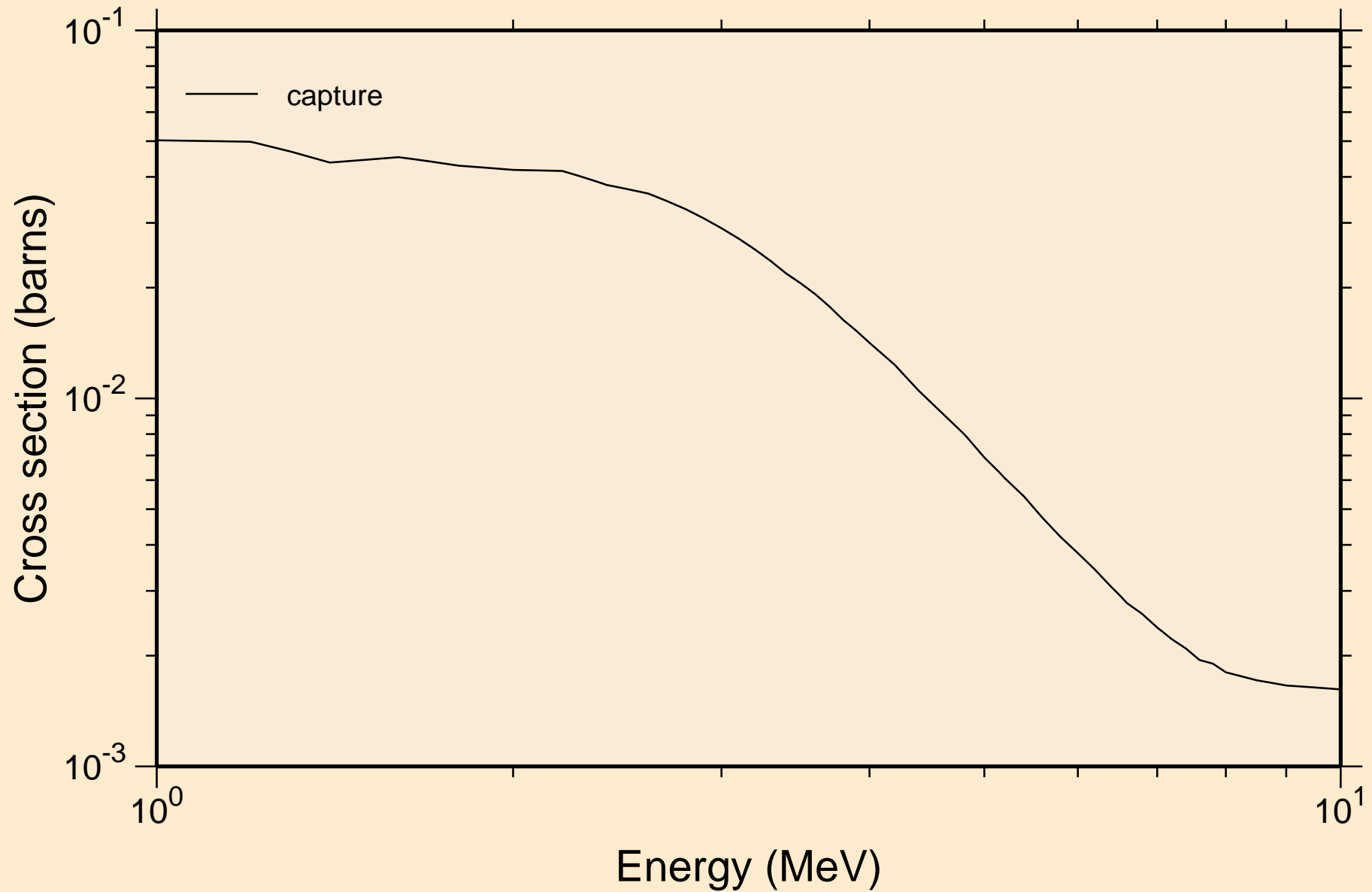
# XE130 NRG TENDL-2015, AKONING resonance absorption cross sections



XE130 NRG TENDL-2015, AKONING  
resonance absorption cross sections

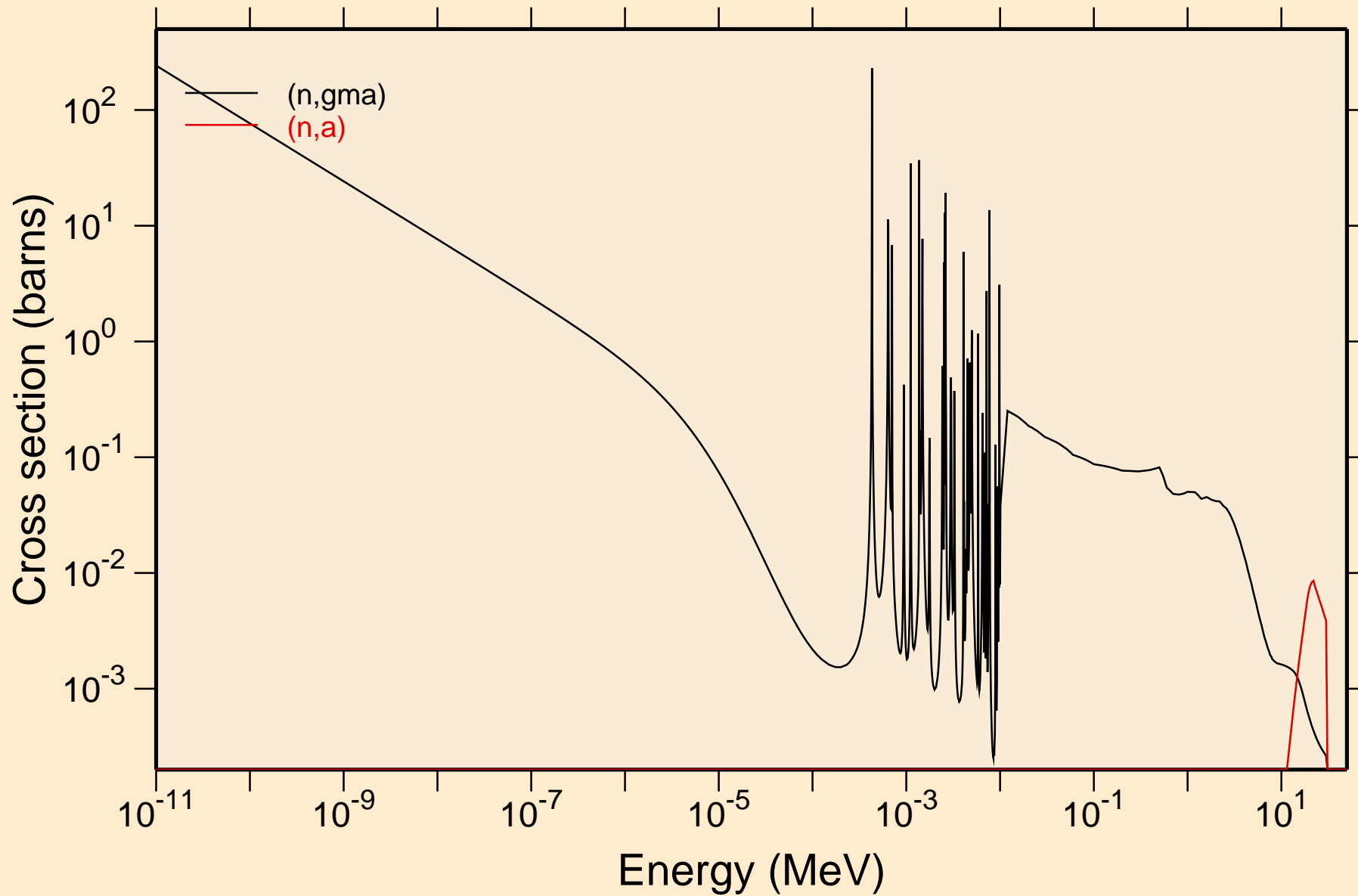


# XE130 NRG TENDL-2015, AKONING resonance absorption cross sections



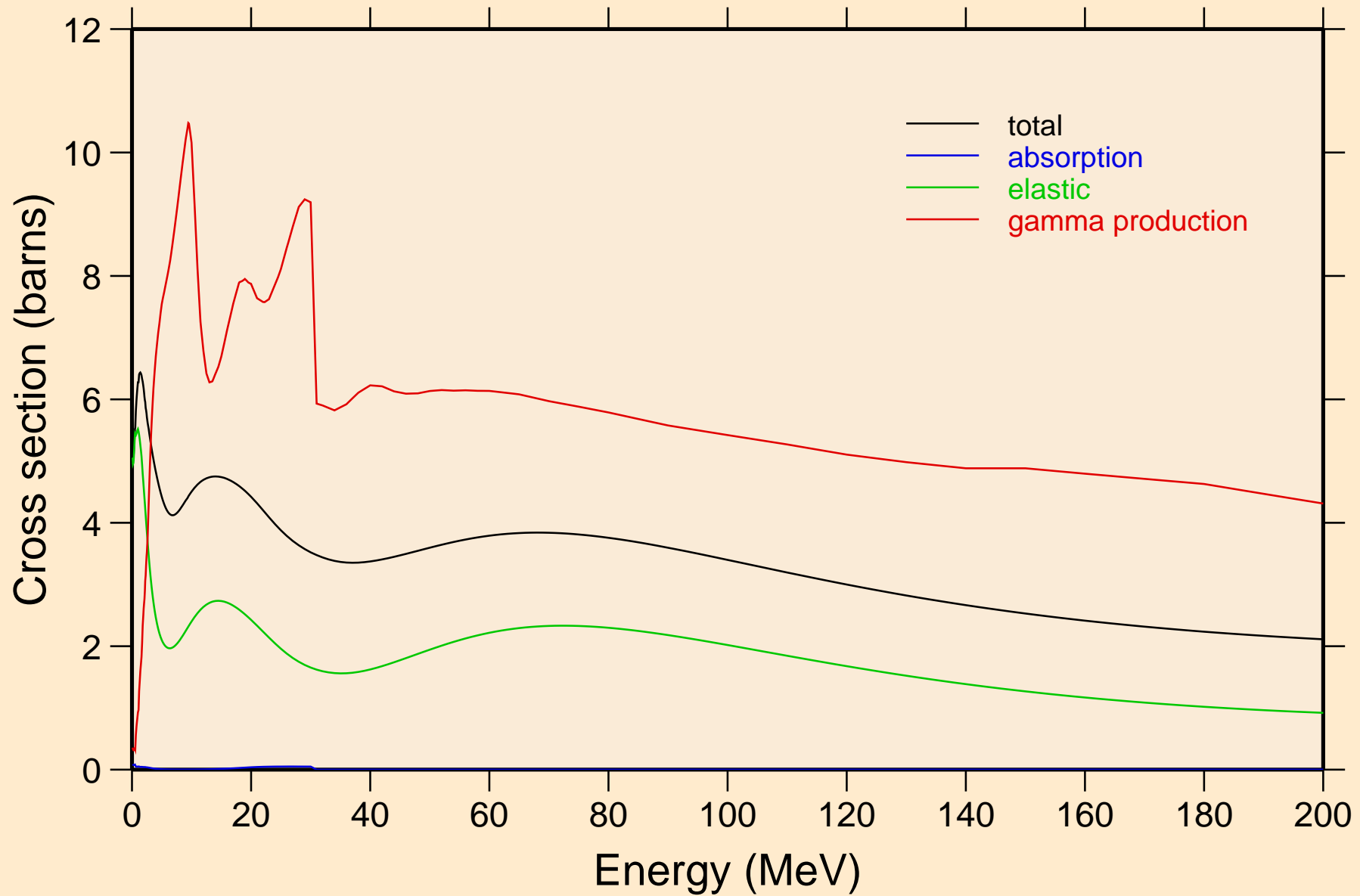


XE130 NRG TENDL-2015, AKONING  
Non-threshold reactions

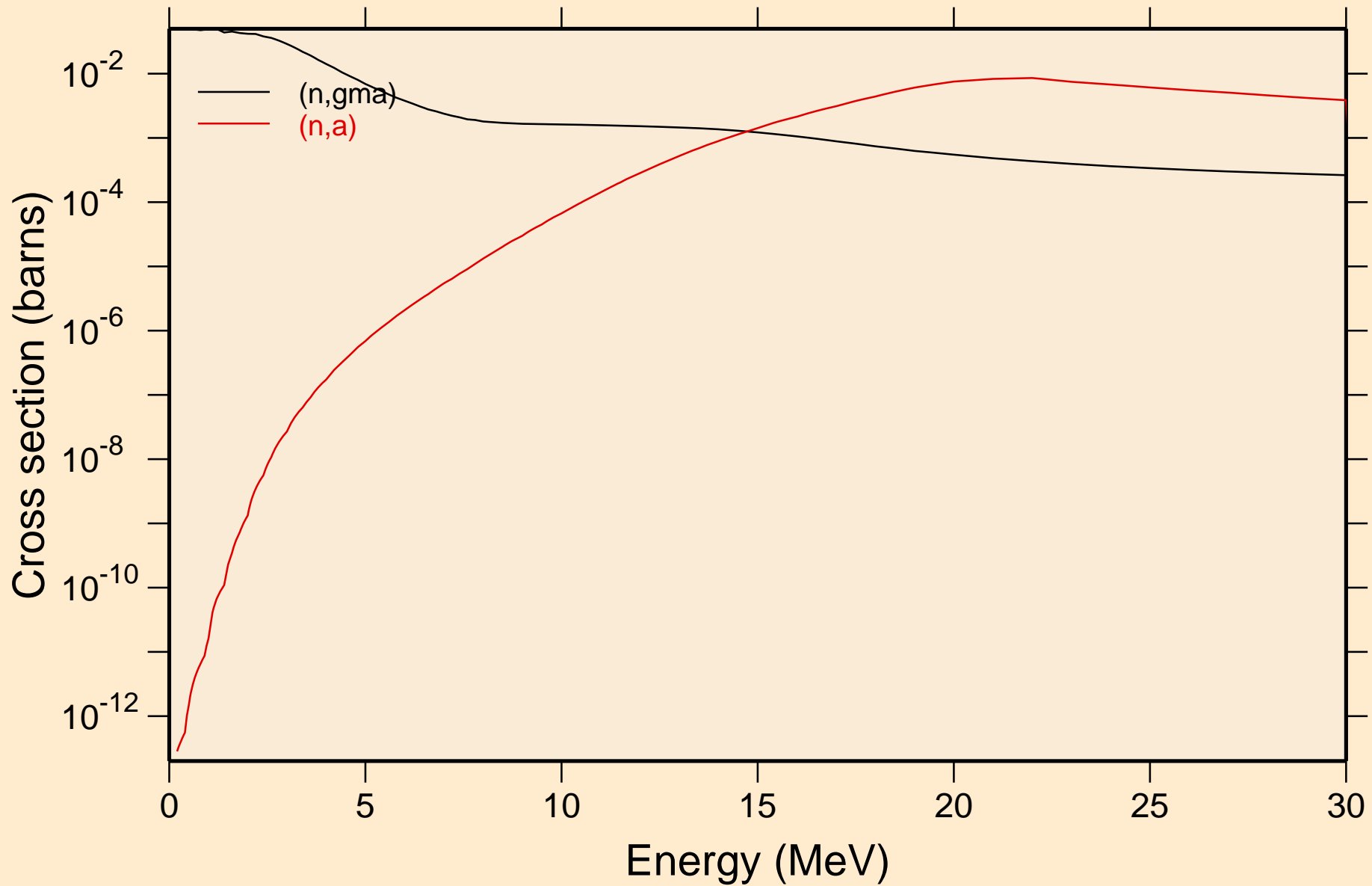


# XE130 NRG TENDL-2015, AKONING

## Principal cross sections

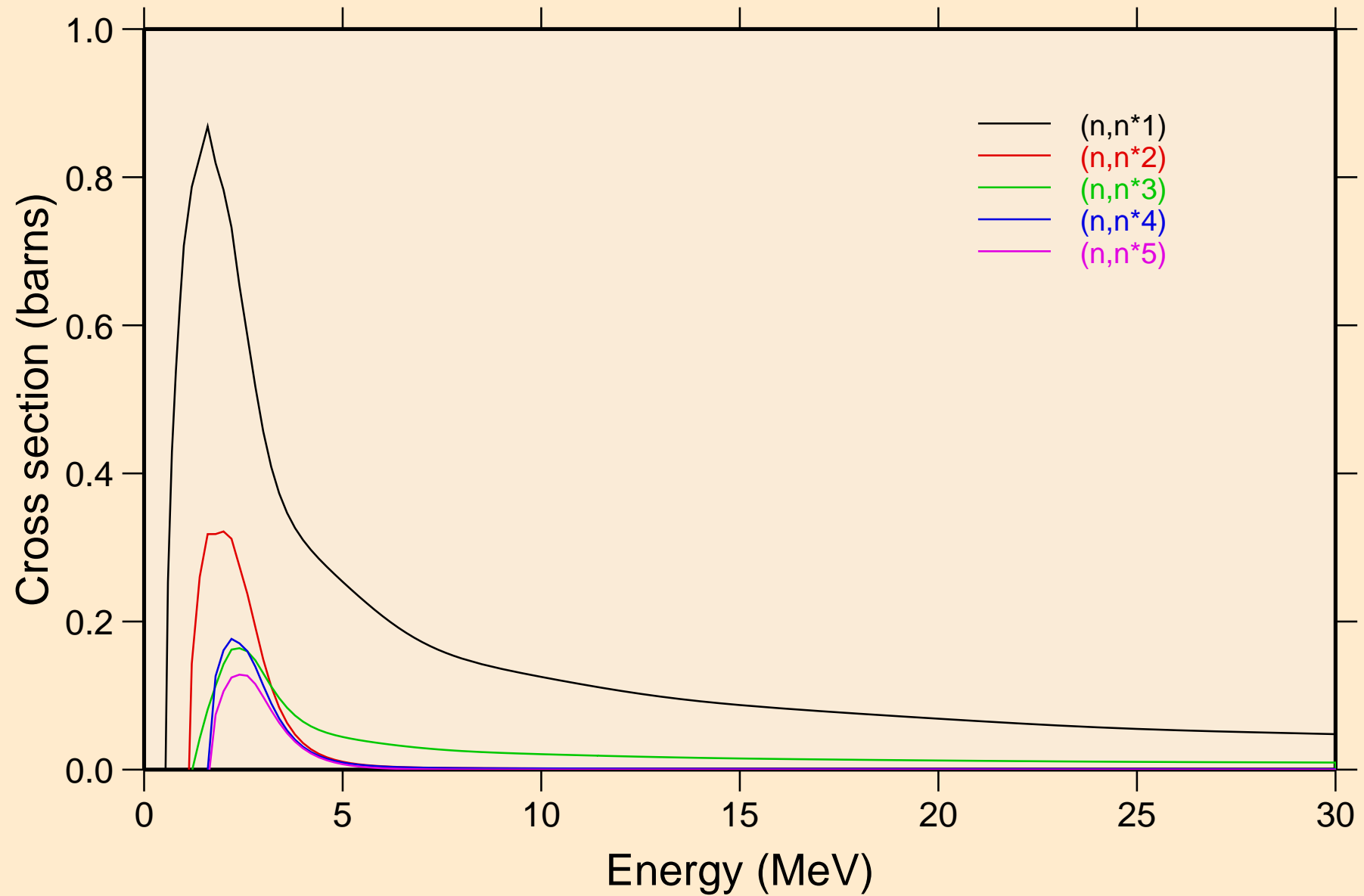


XE130 NRG TENDL-2015, AKONING  
Non-threshold reactions



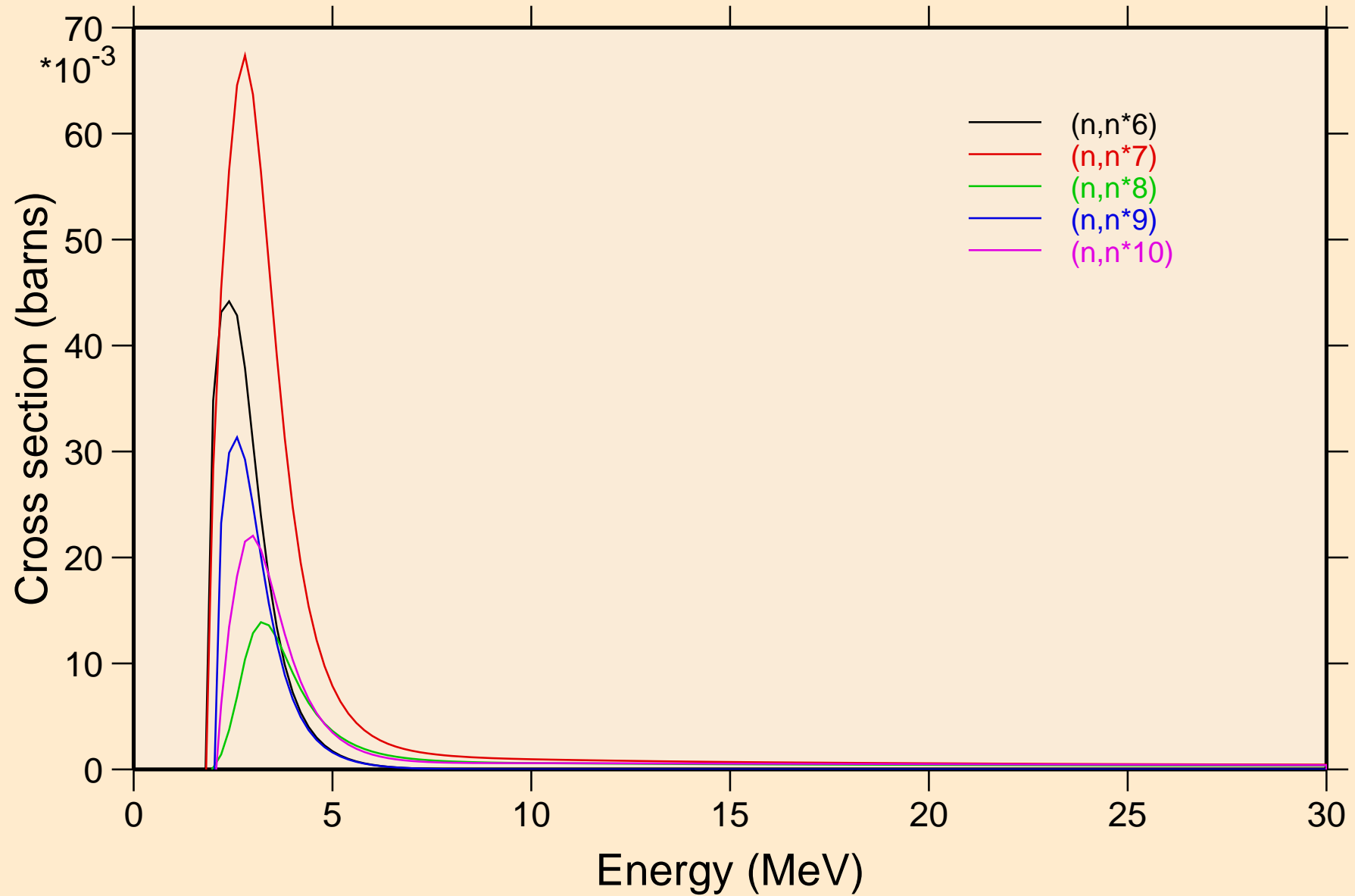
# XE130 NRG TENDL-2015, AKONING

## Inelastic levels



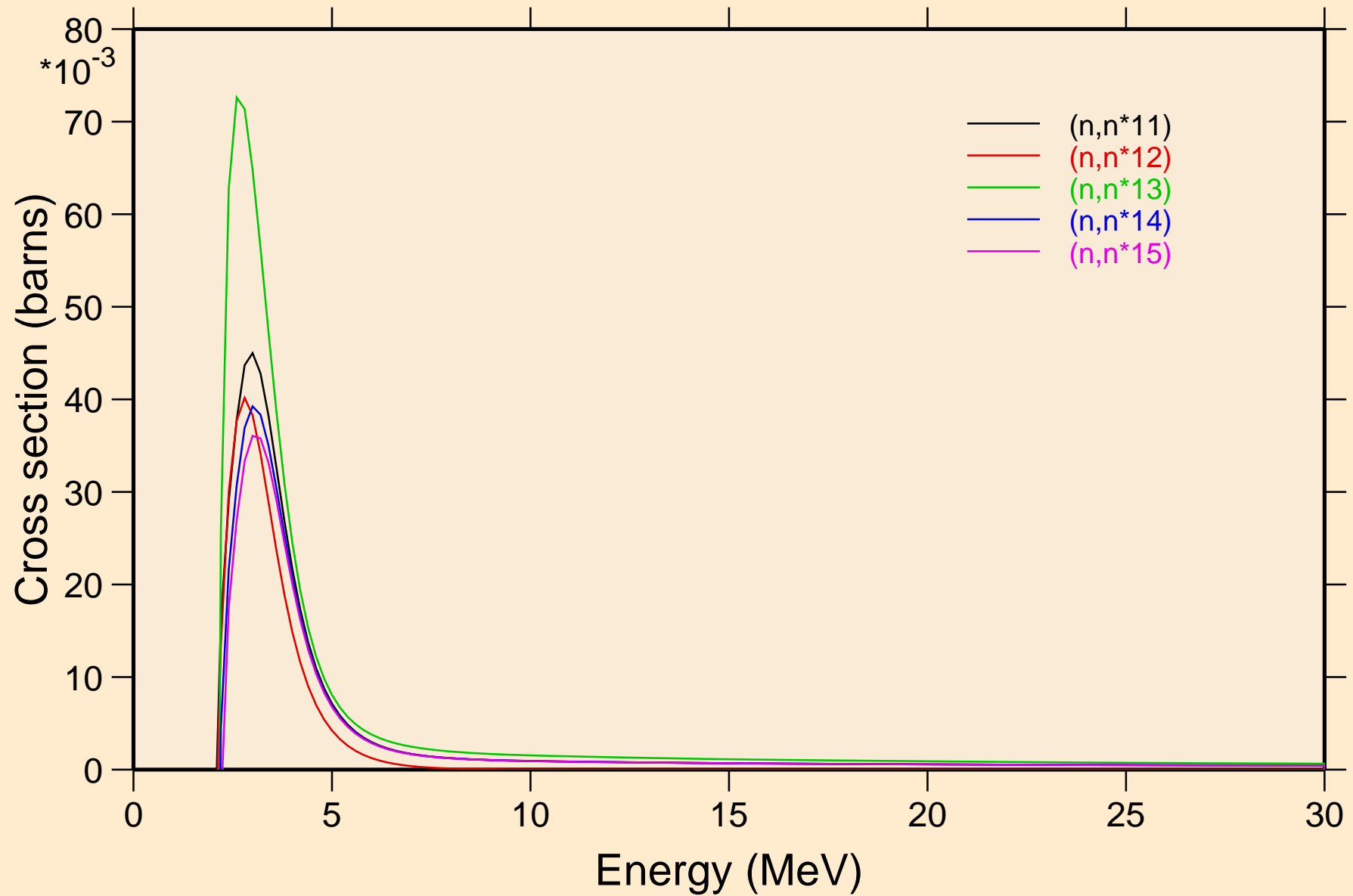
# XE130 NRG TENDL-2015, AKONING

## Inelastic levels



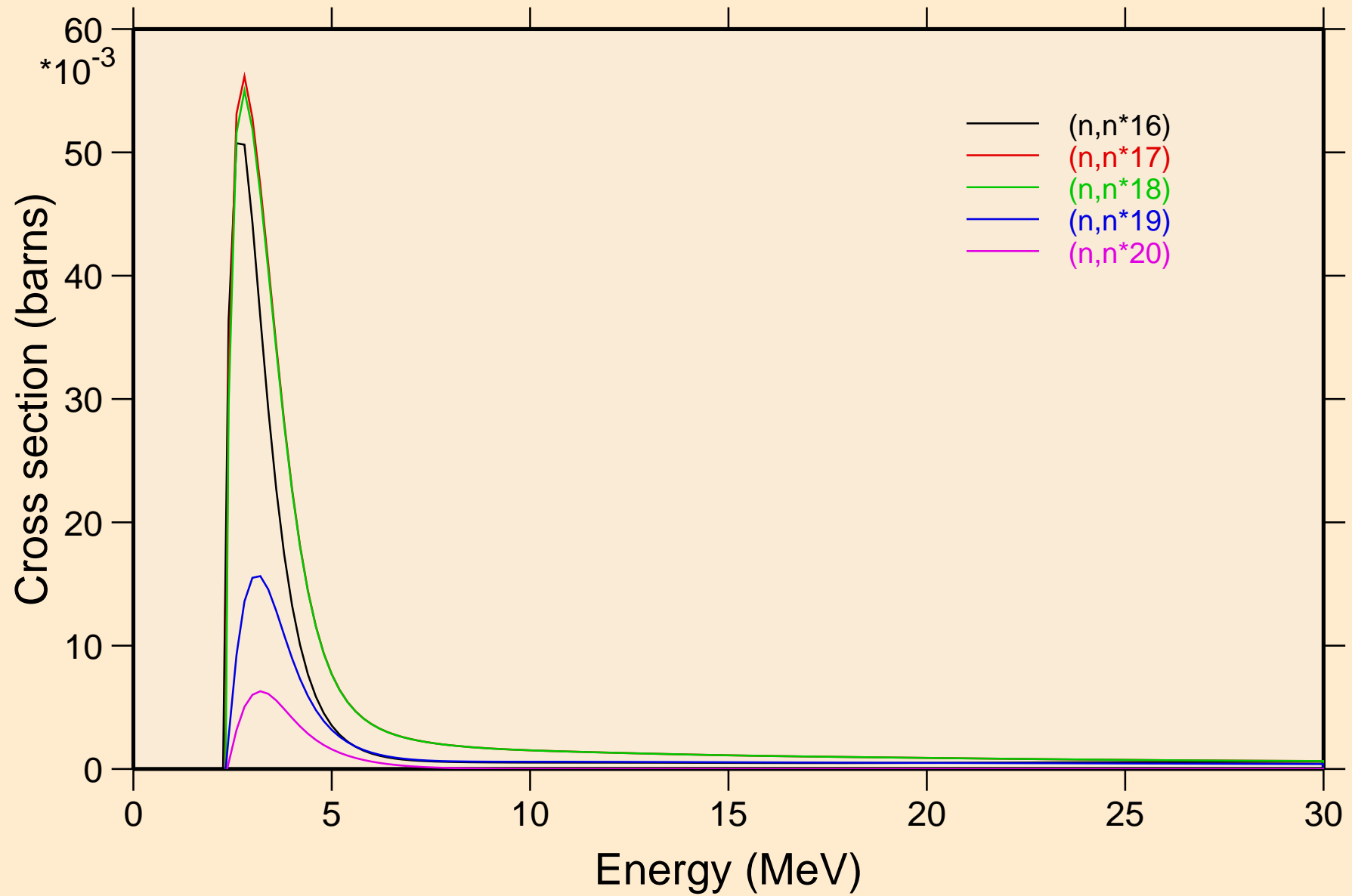
# XE130 NRG TENDL-2015, AKONING

## Inelastic levels



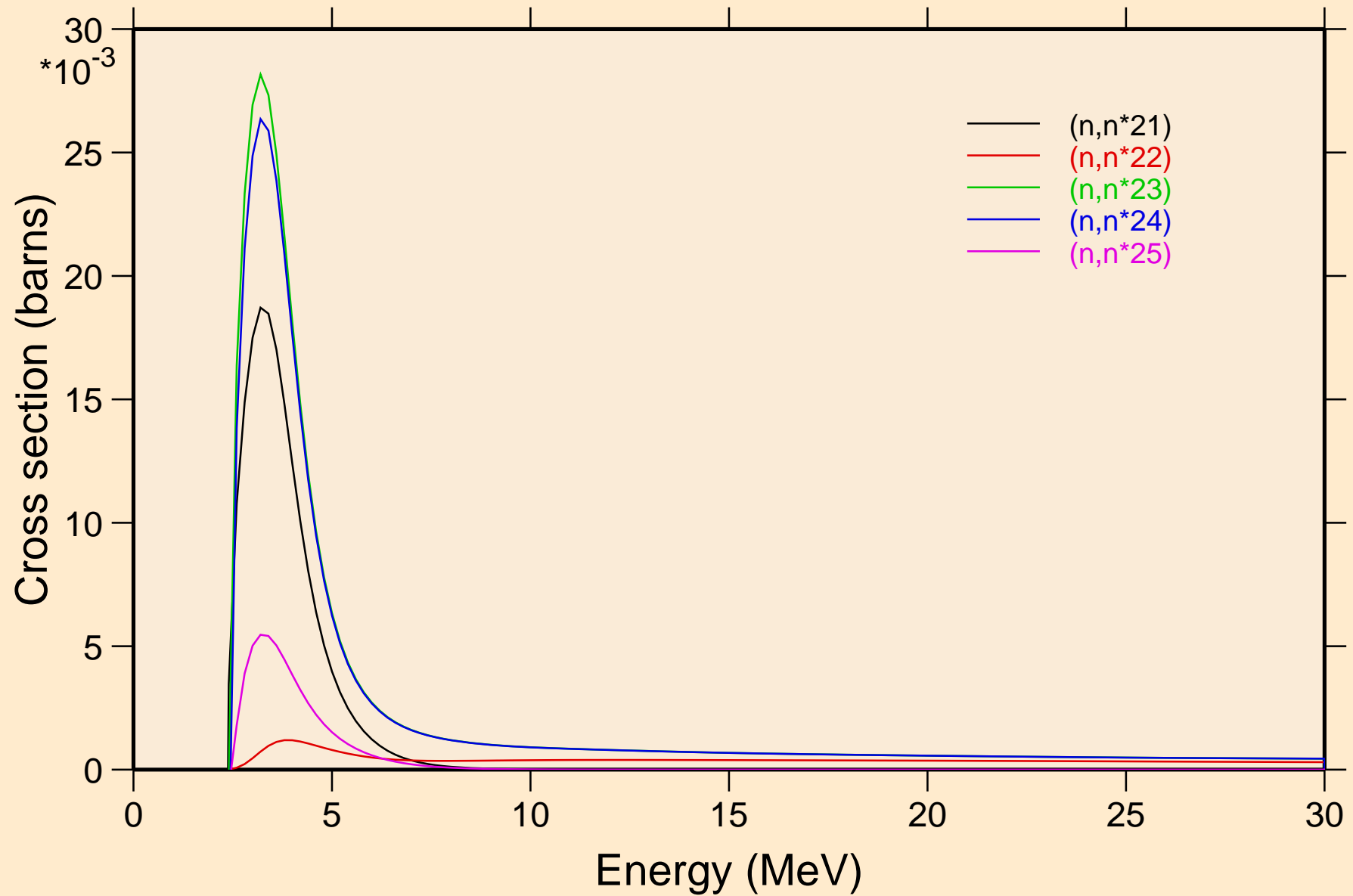
# XE130 NRG TENDL-2015, AKONING

## Inelastic levels



# XE130 NRG TENDL-2015, AKONING

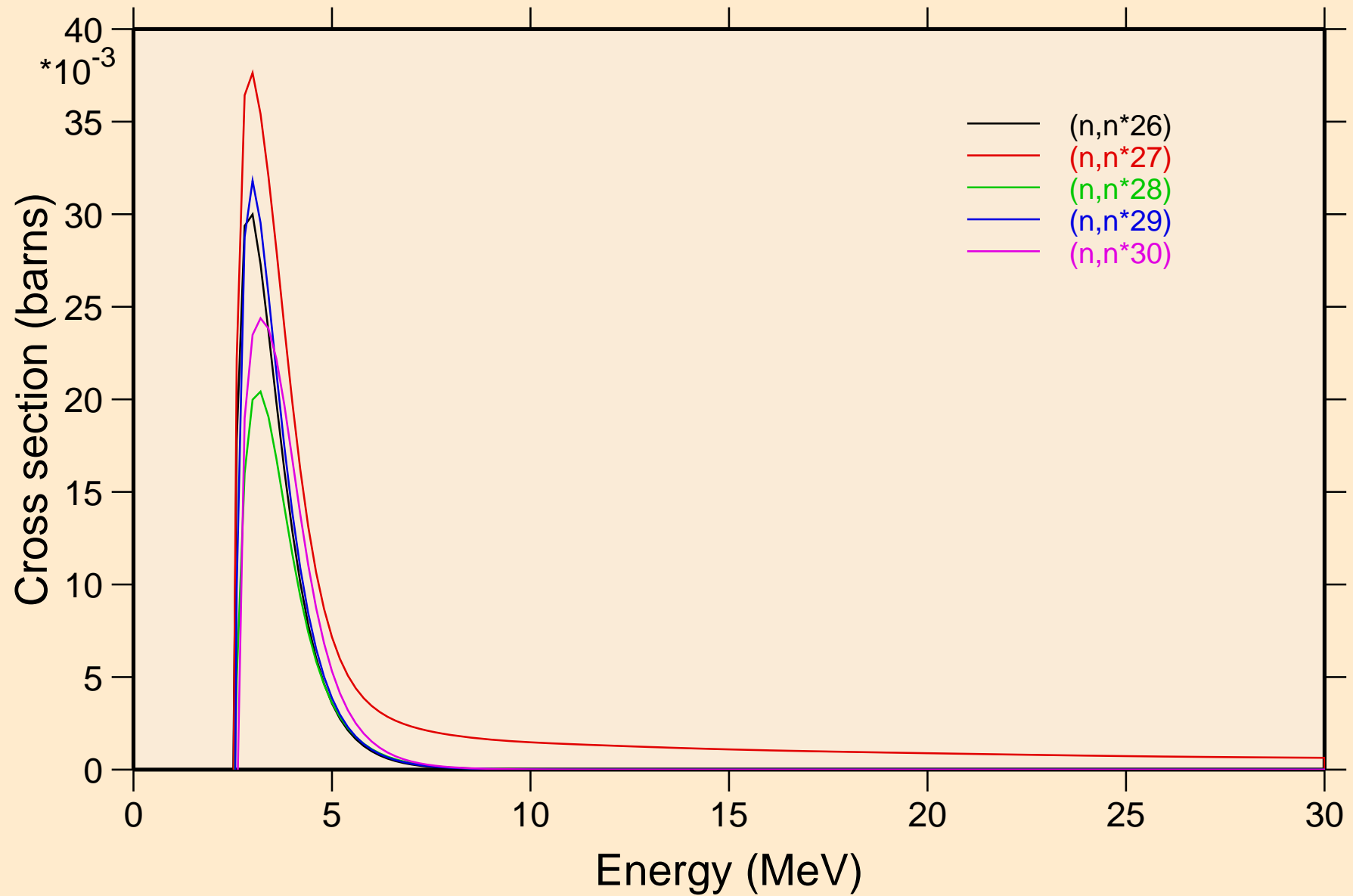
## Inelastic levels





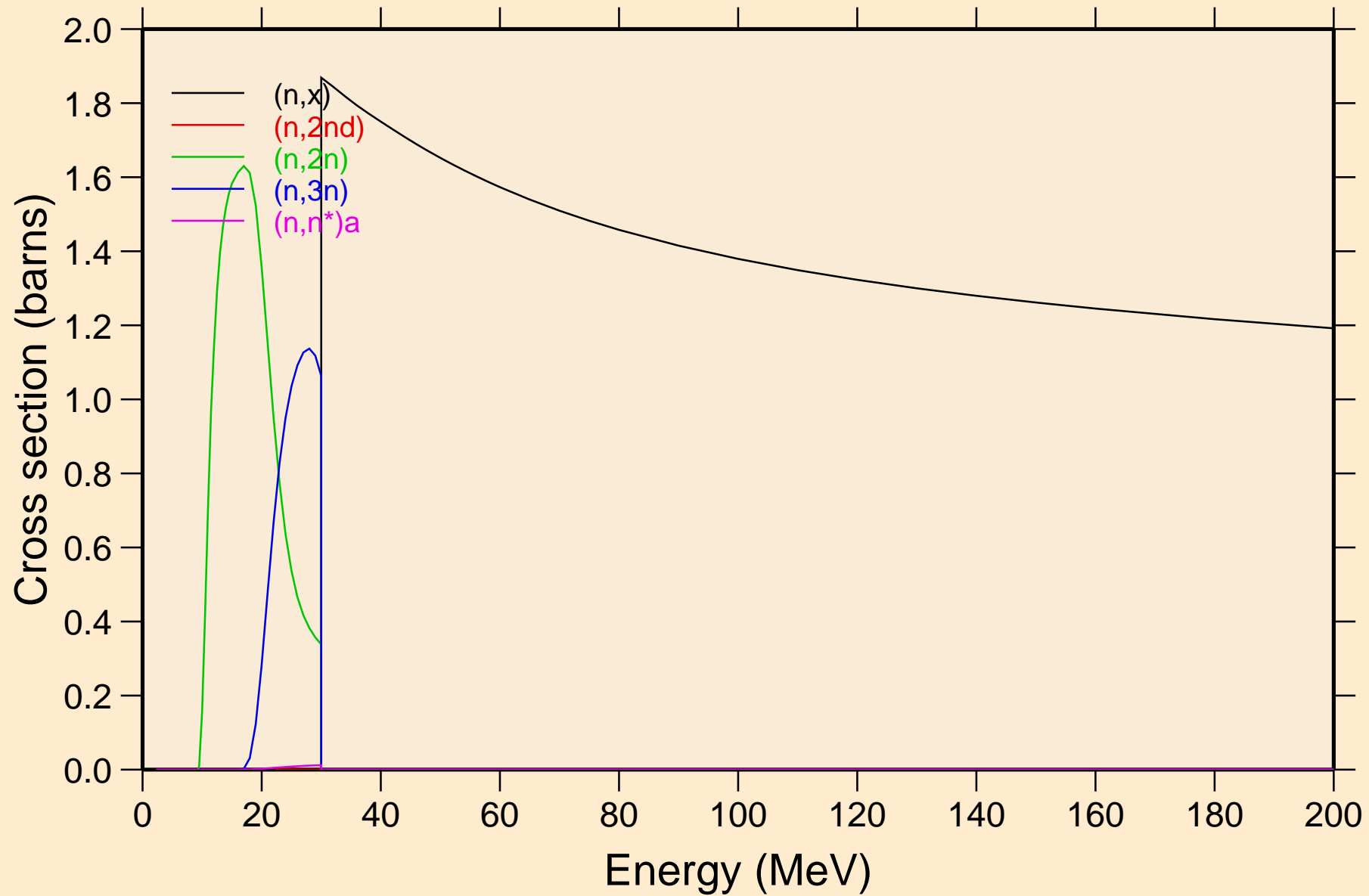
# XE130 NRG TENDL-2015, AKONING

## Inelastic levels



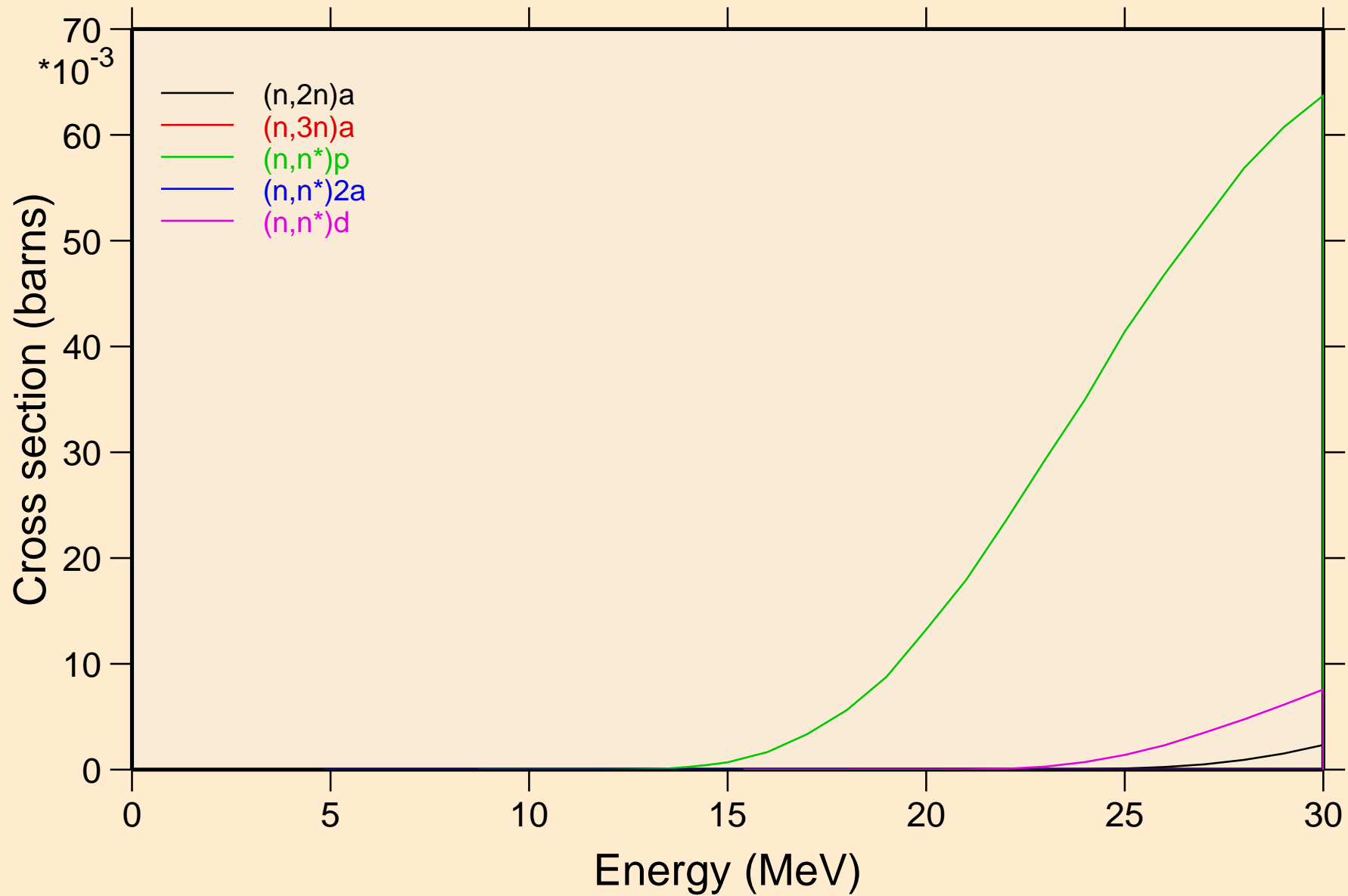
# XE130 NRG TENDL-2015, AKONING

## Threshold reactions



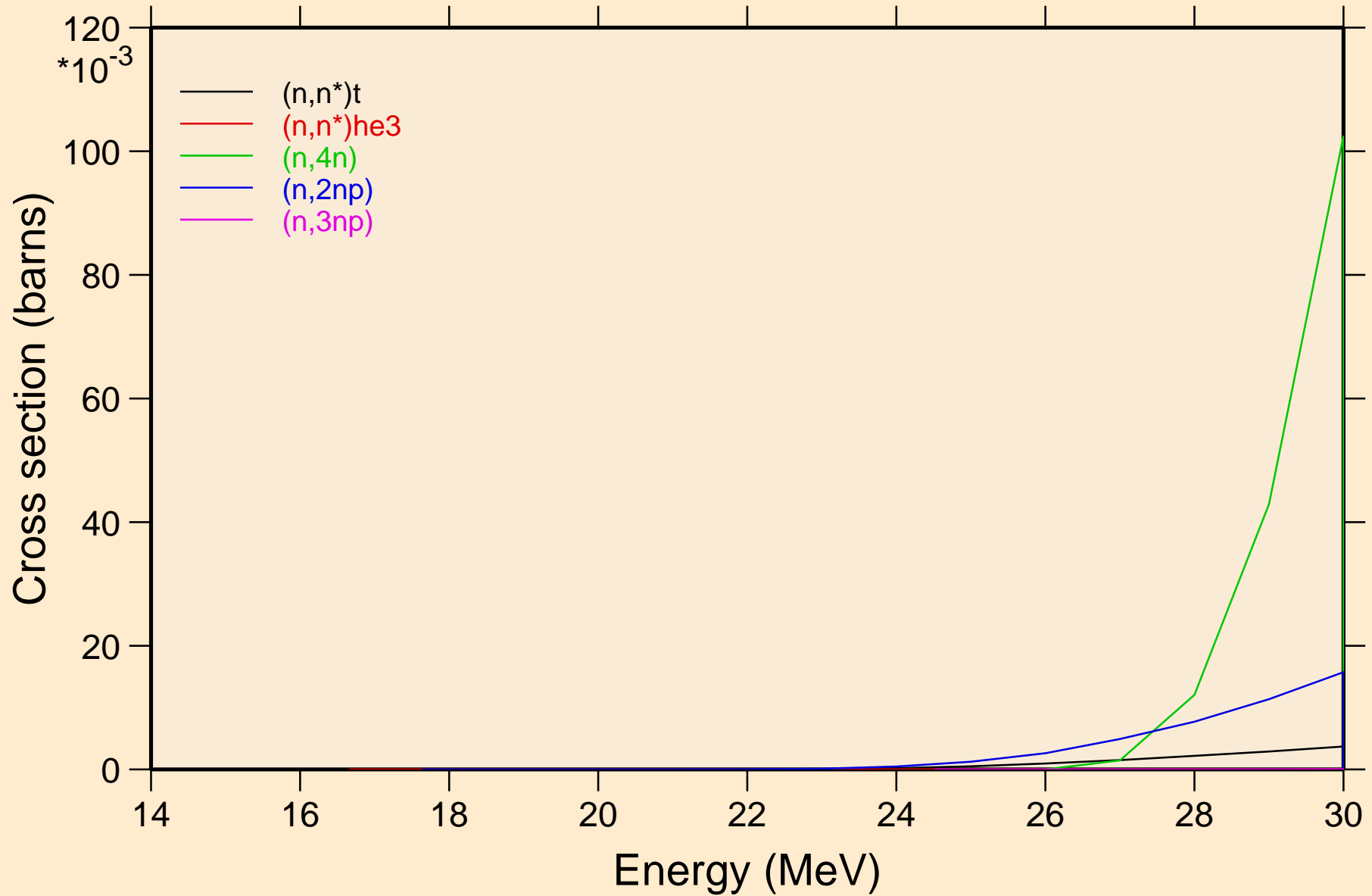
# XE130 NRG TENDL-2015, AKONING

## Threshold reactions



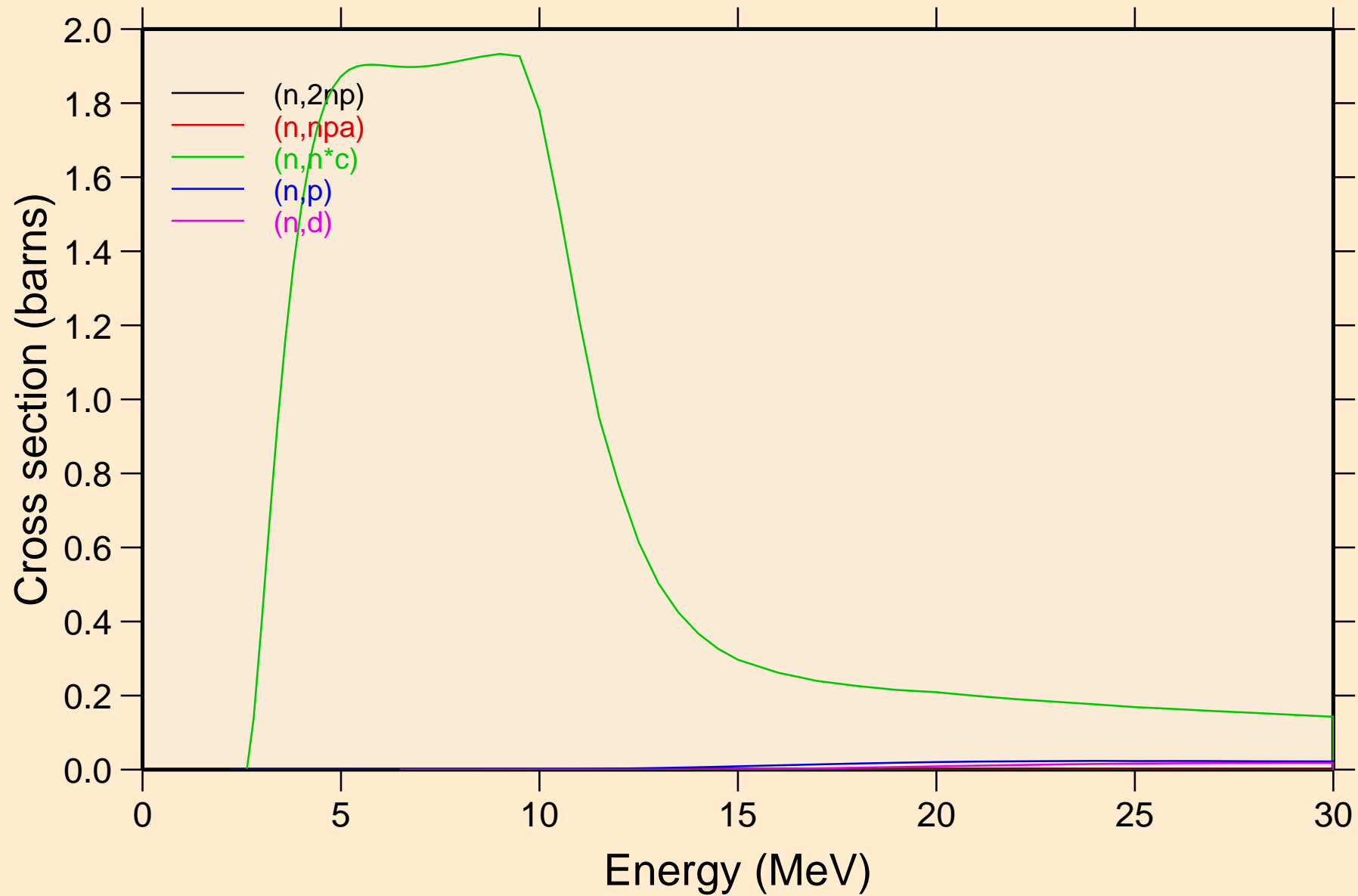
# XE130 NRG TENDL-2015, AKONING

## Threshold reactions



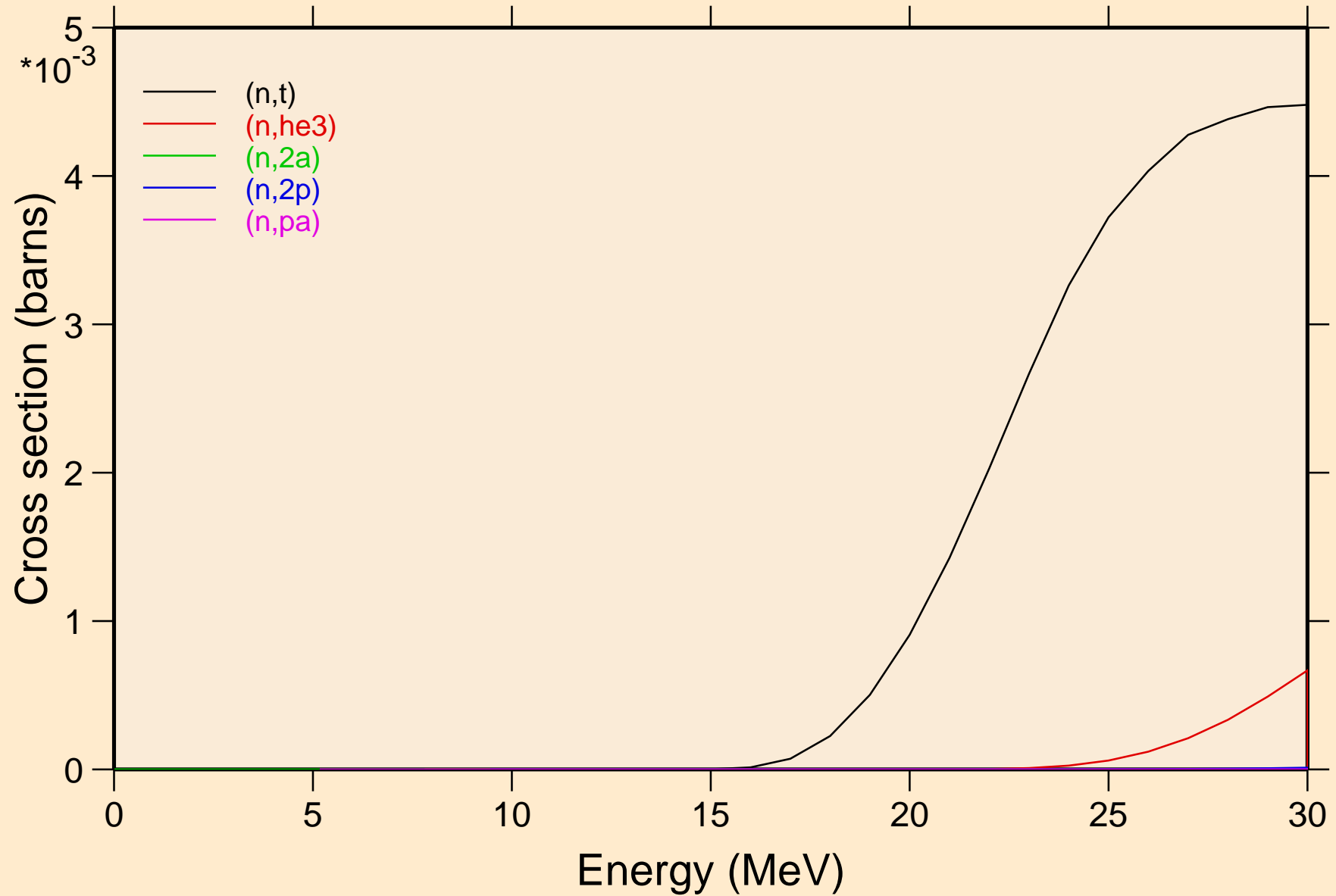
# XE130 NRG TENDL-2015, AKONING

## Threshold reactions



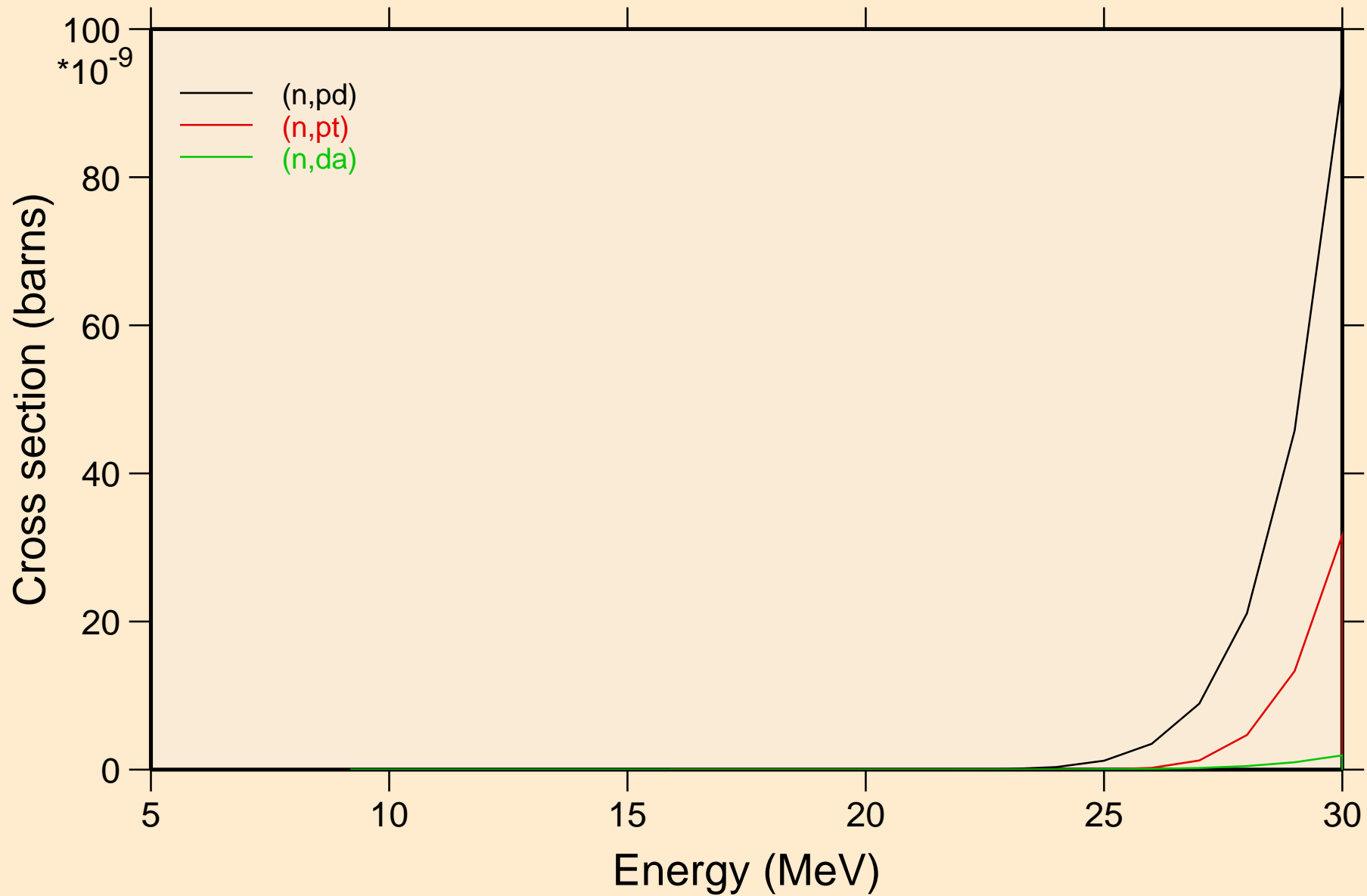
# XE130 NRG TENDL-2015, AKONING

## Threshold reactions

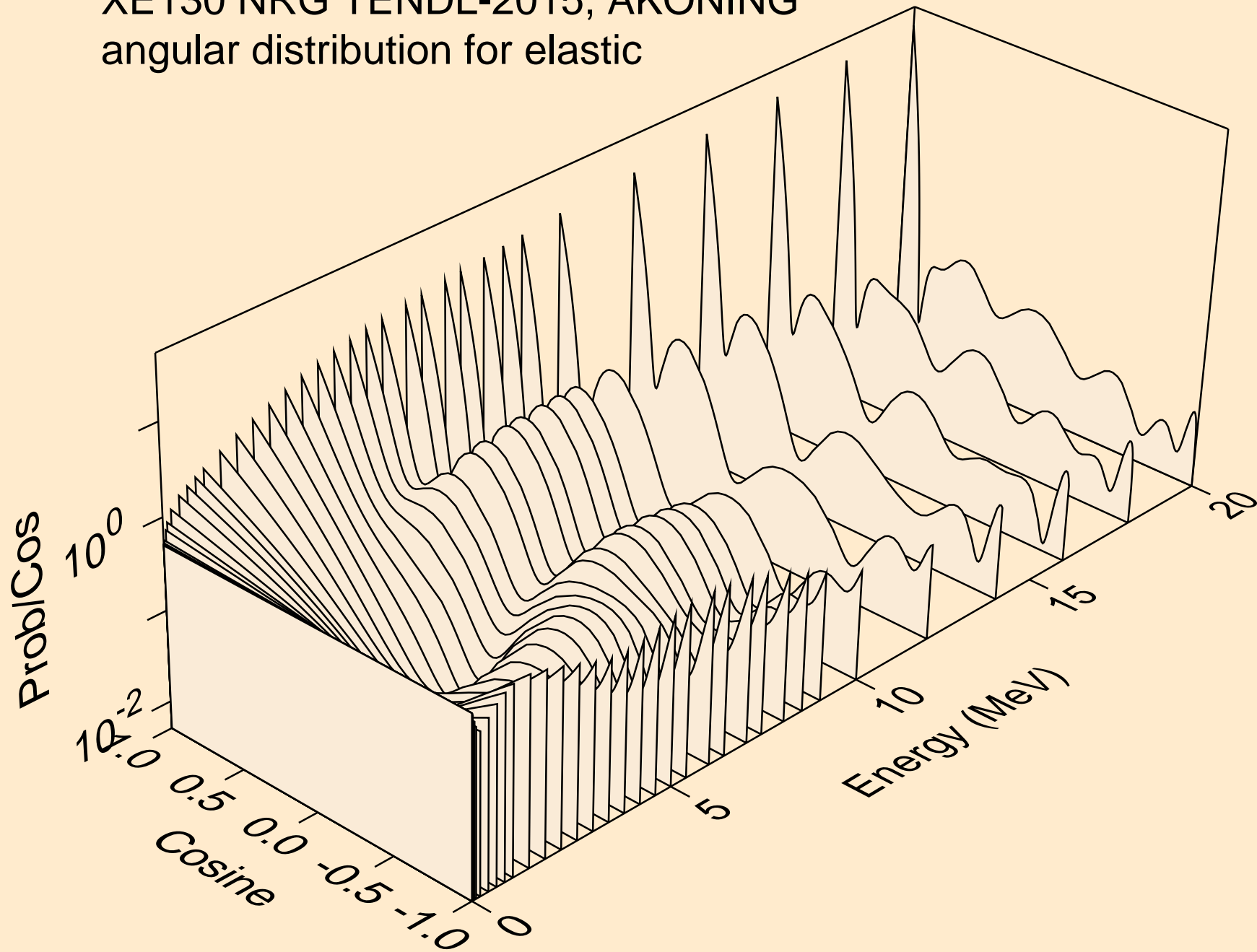


# XE130 NRG TENDL-2015, AKONING

## Threshold reactions

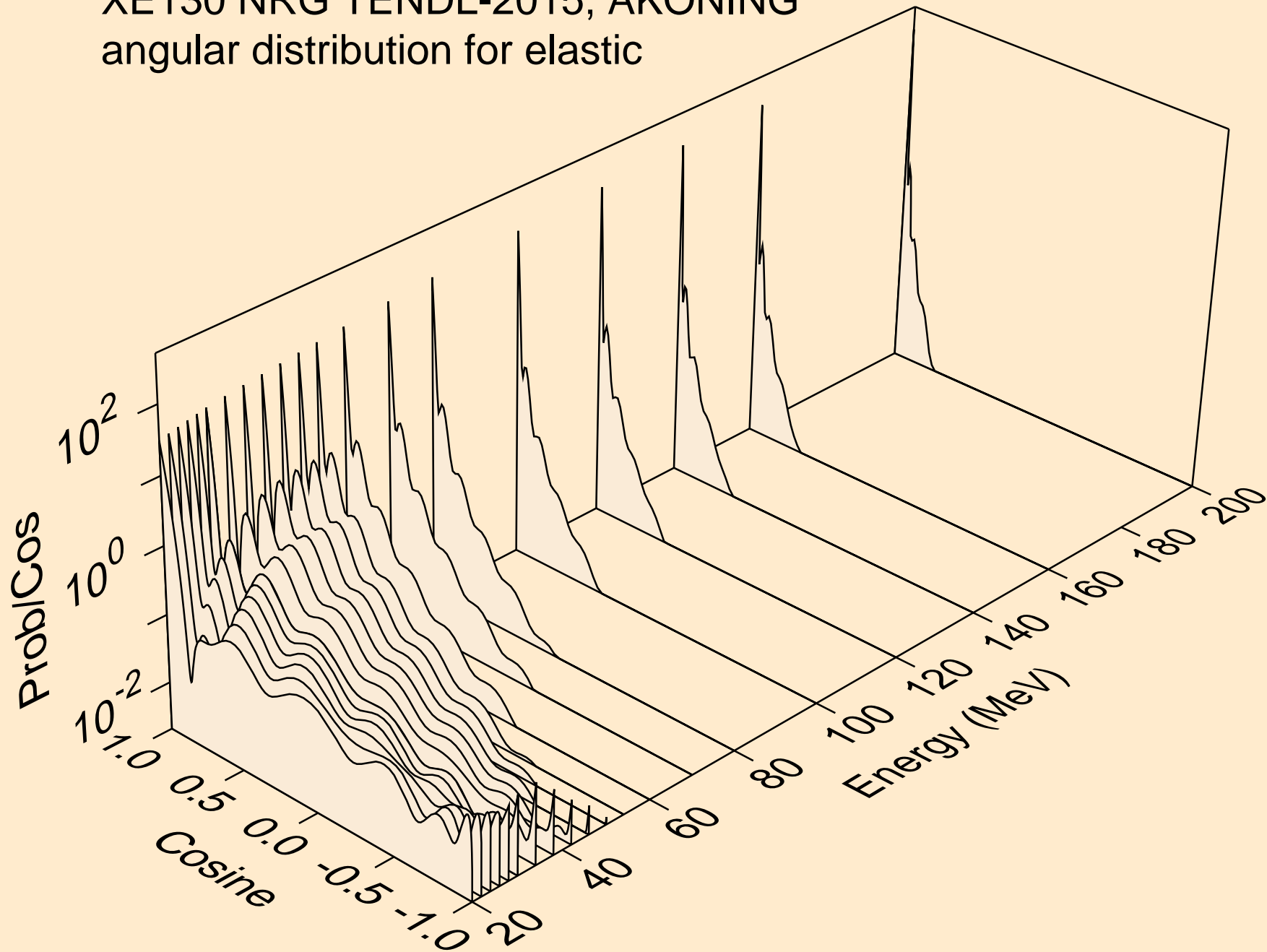


XE130 NRG TENDL-2015, AKONING  
angular distribution for elastic

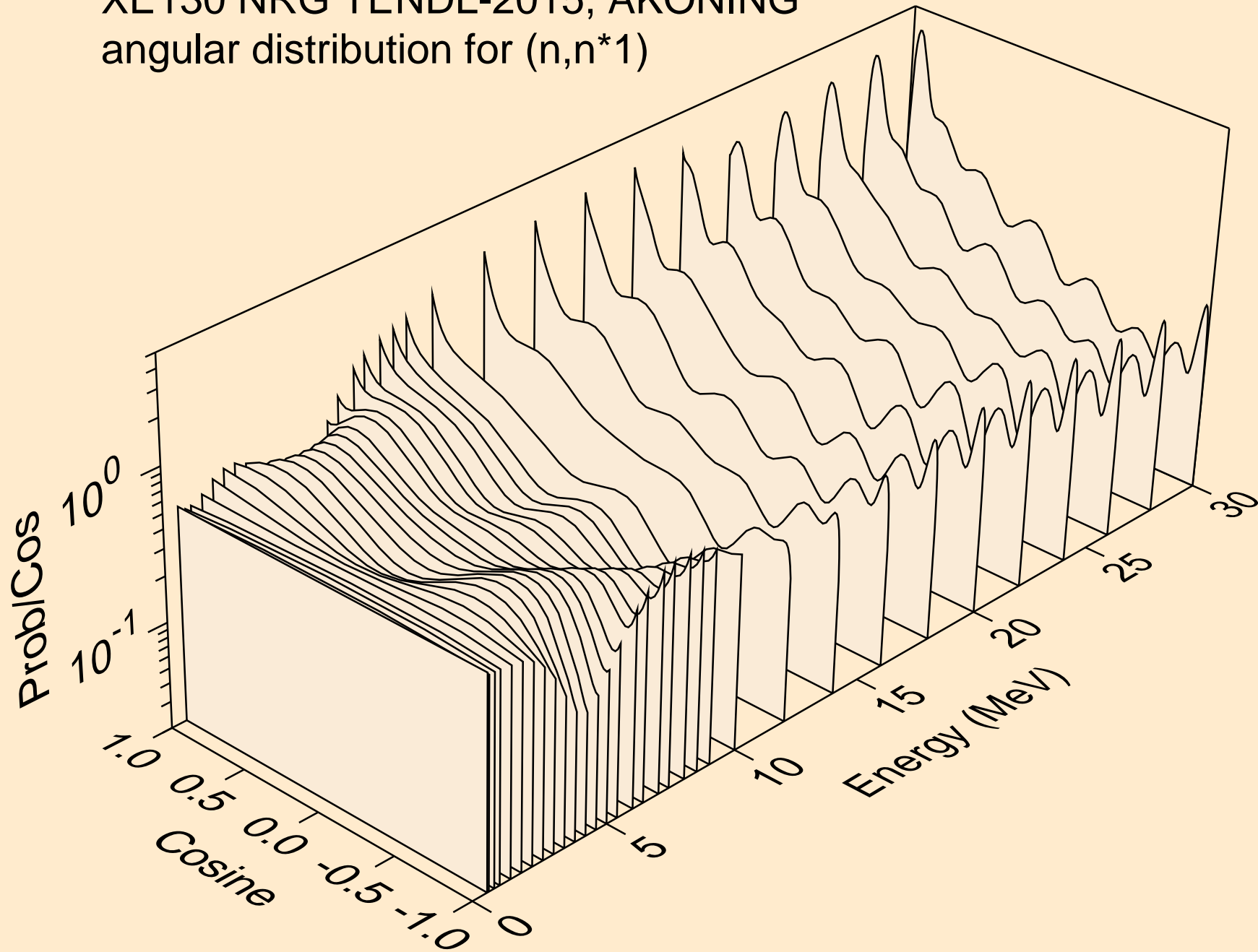




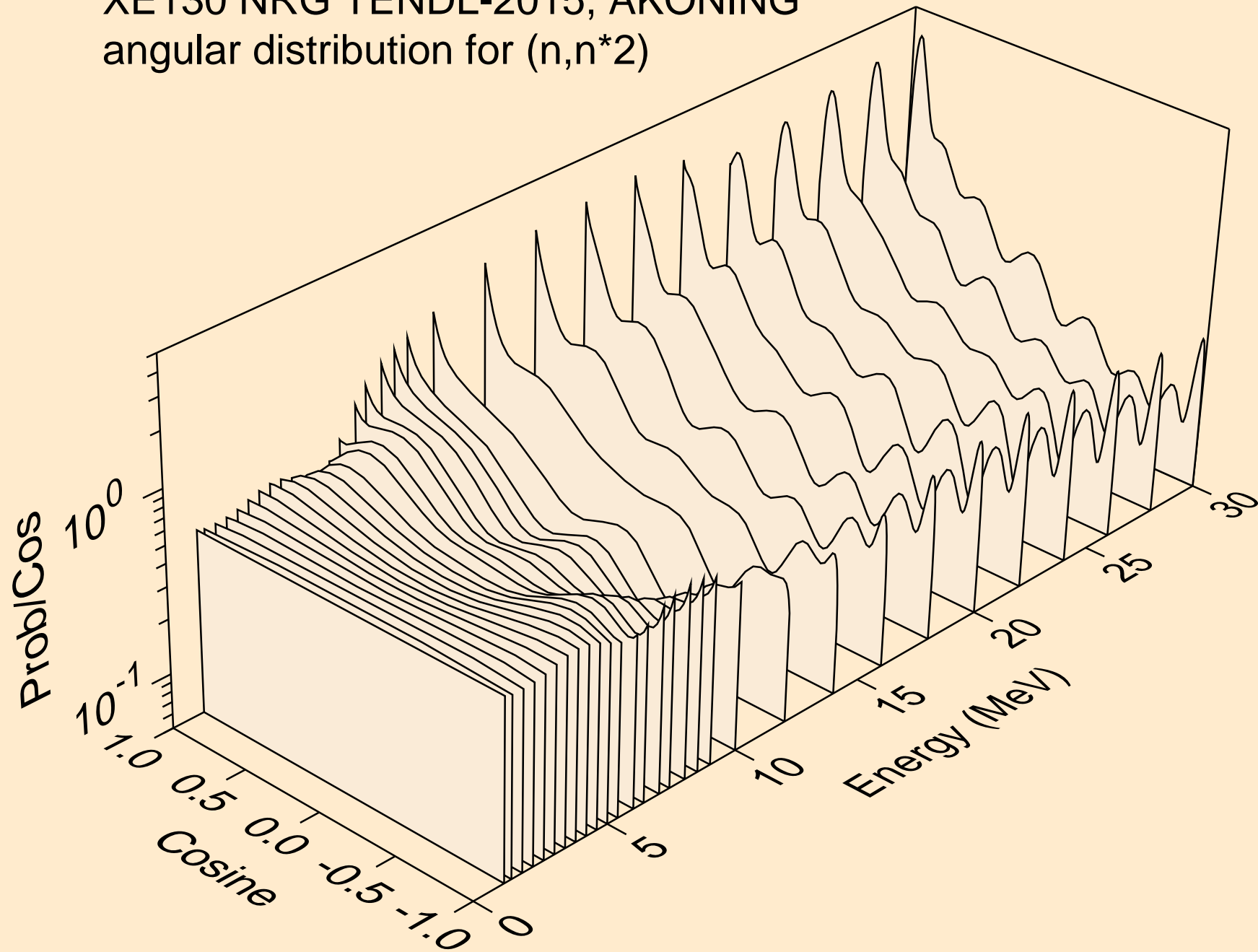
XE130 NRG TENDL-2015, AKONING  
angular distribution for elastic



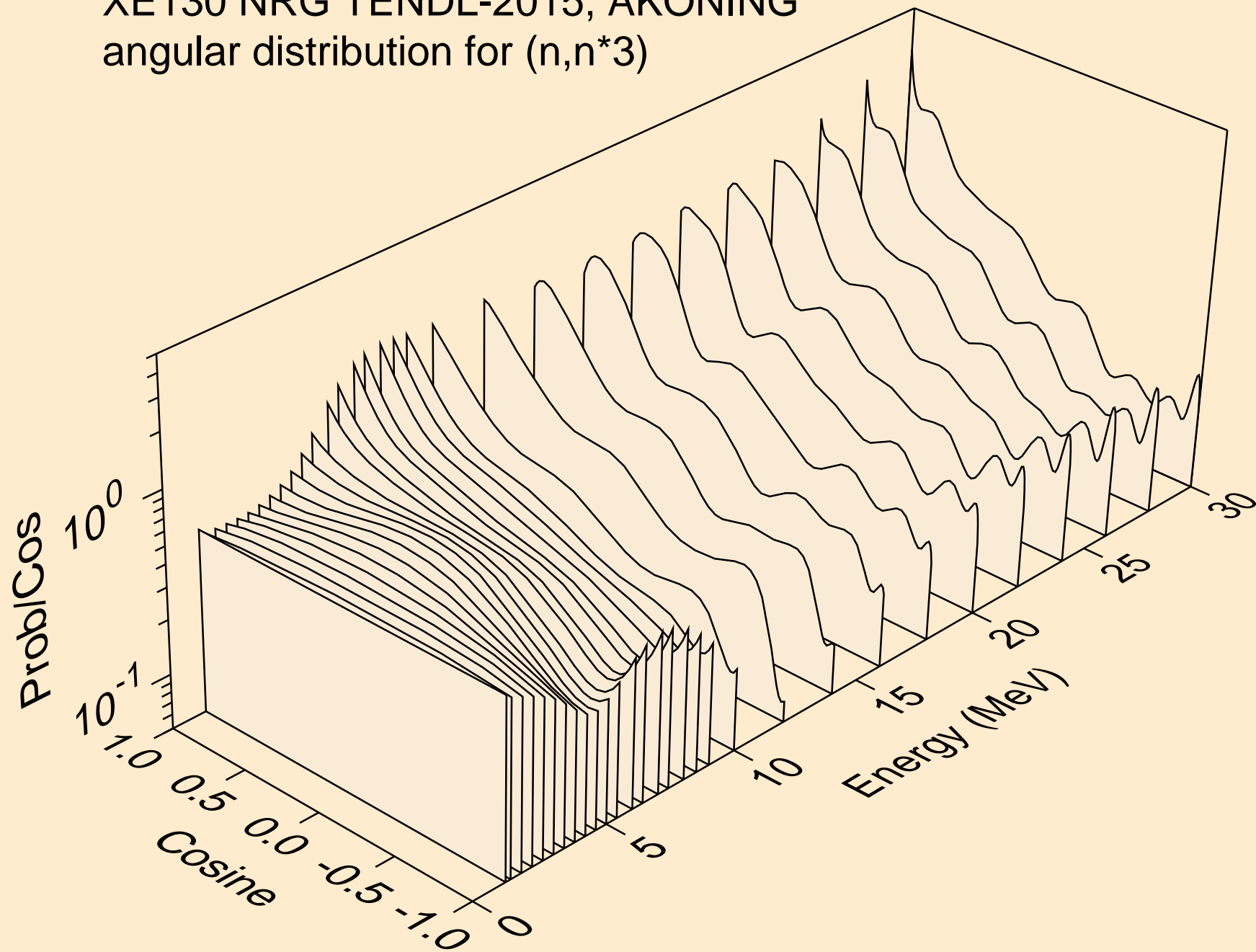
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



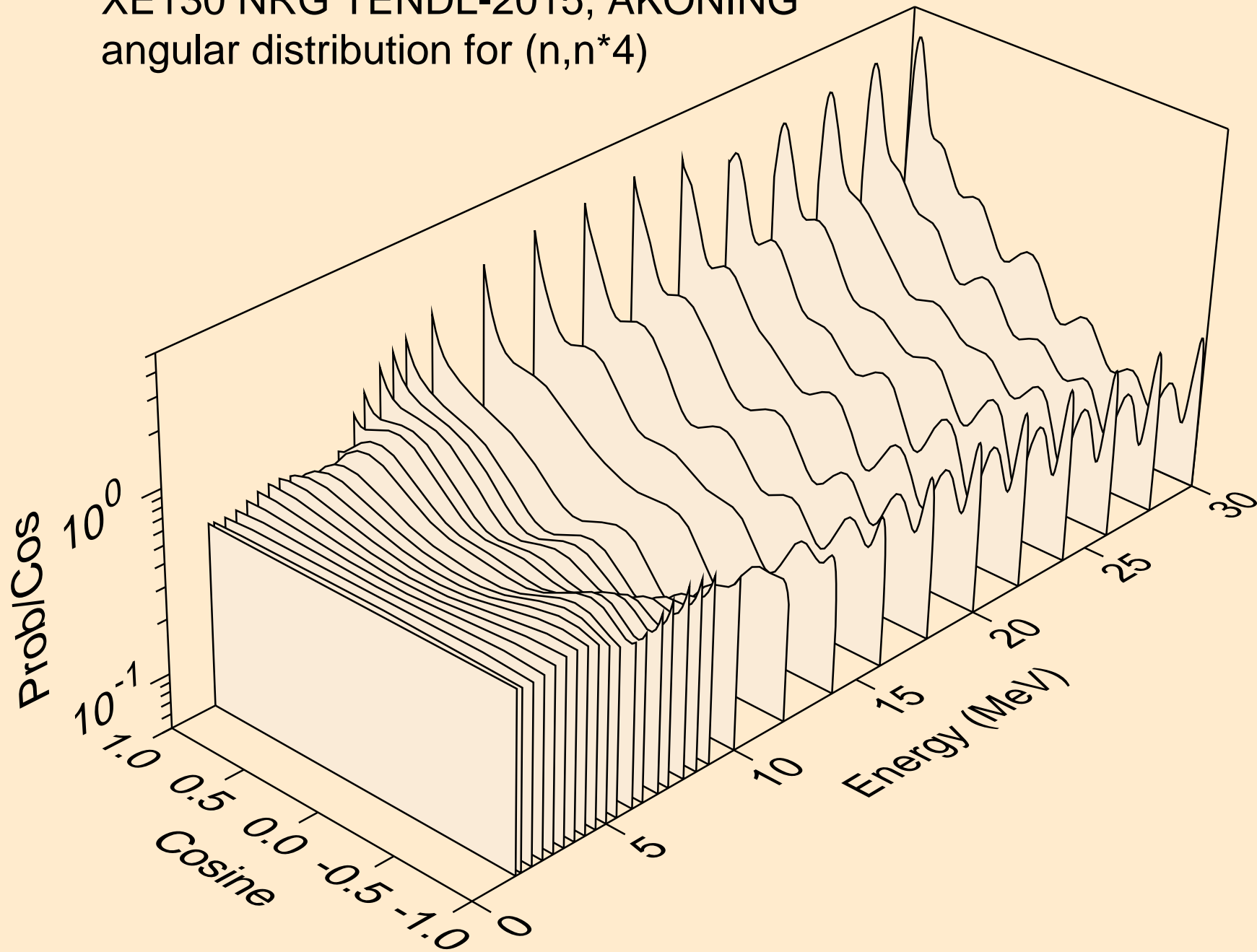
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



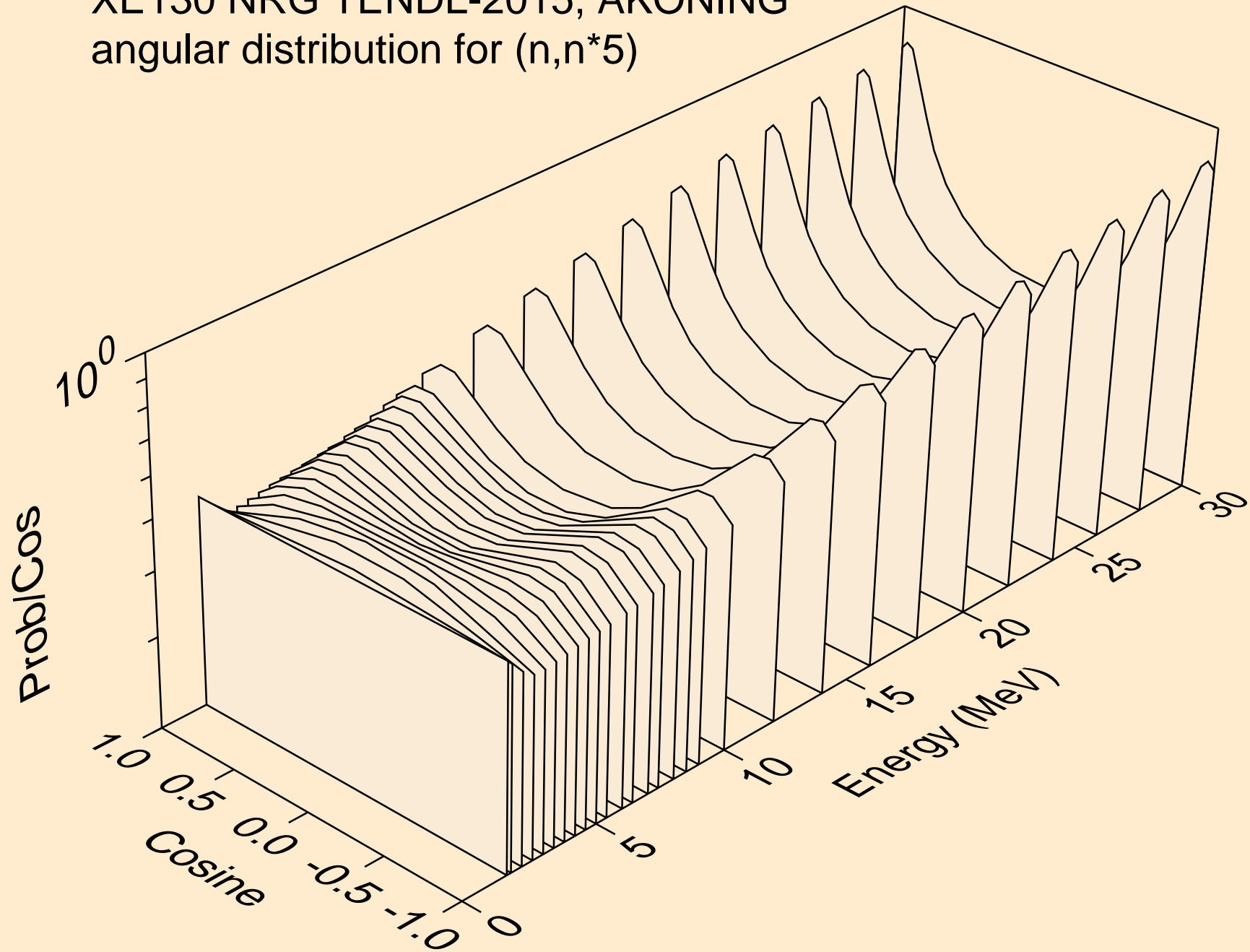
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



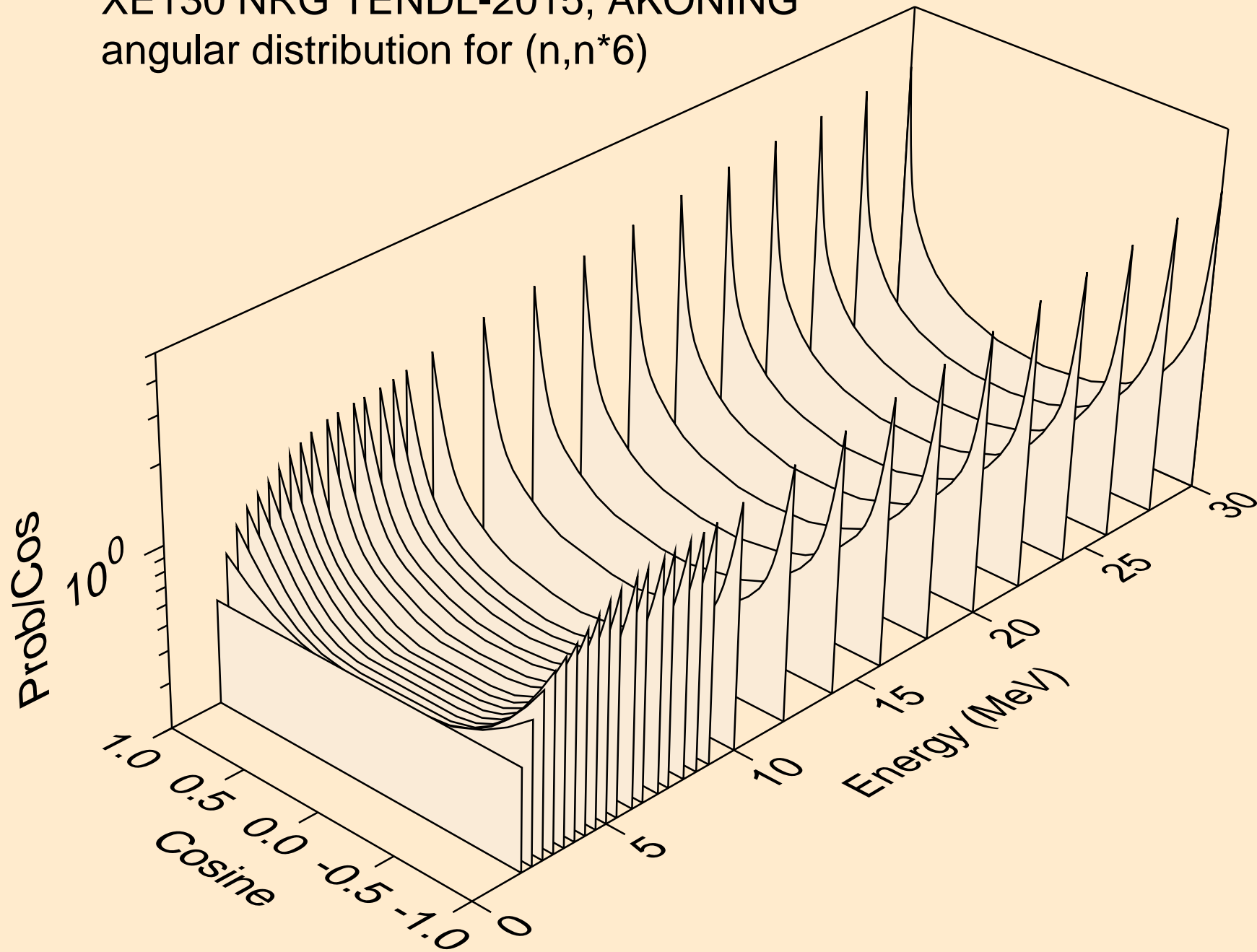
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



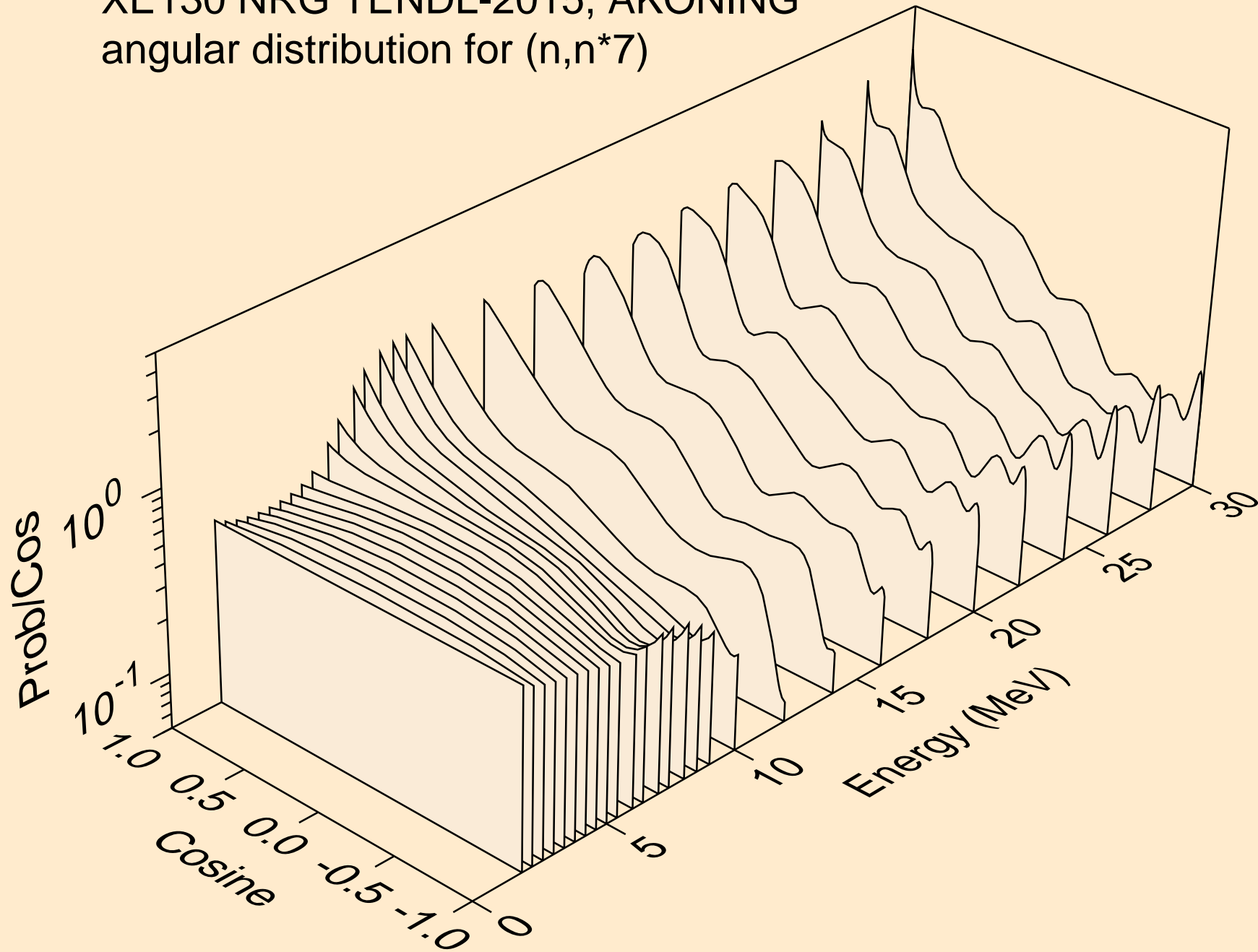
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

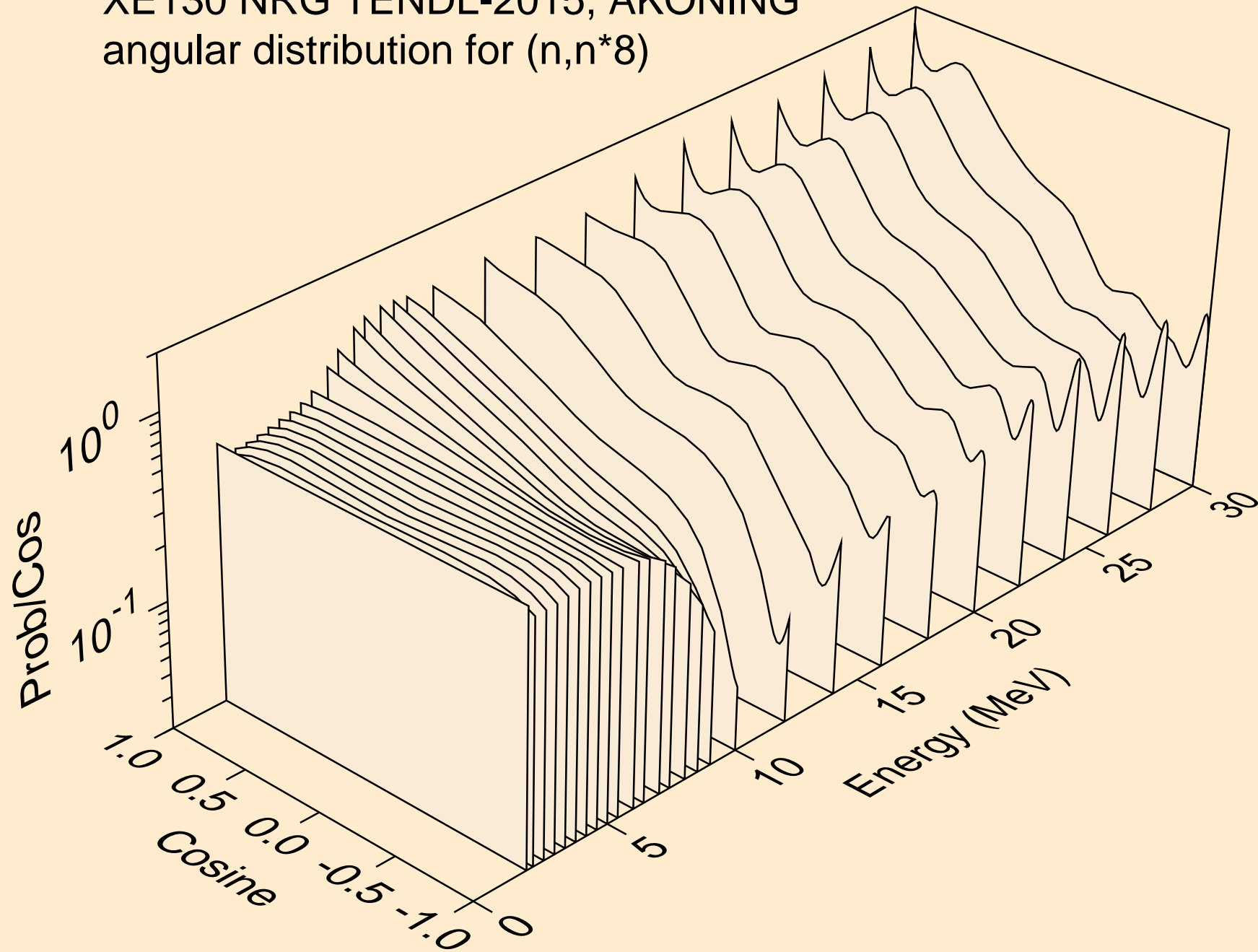


XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

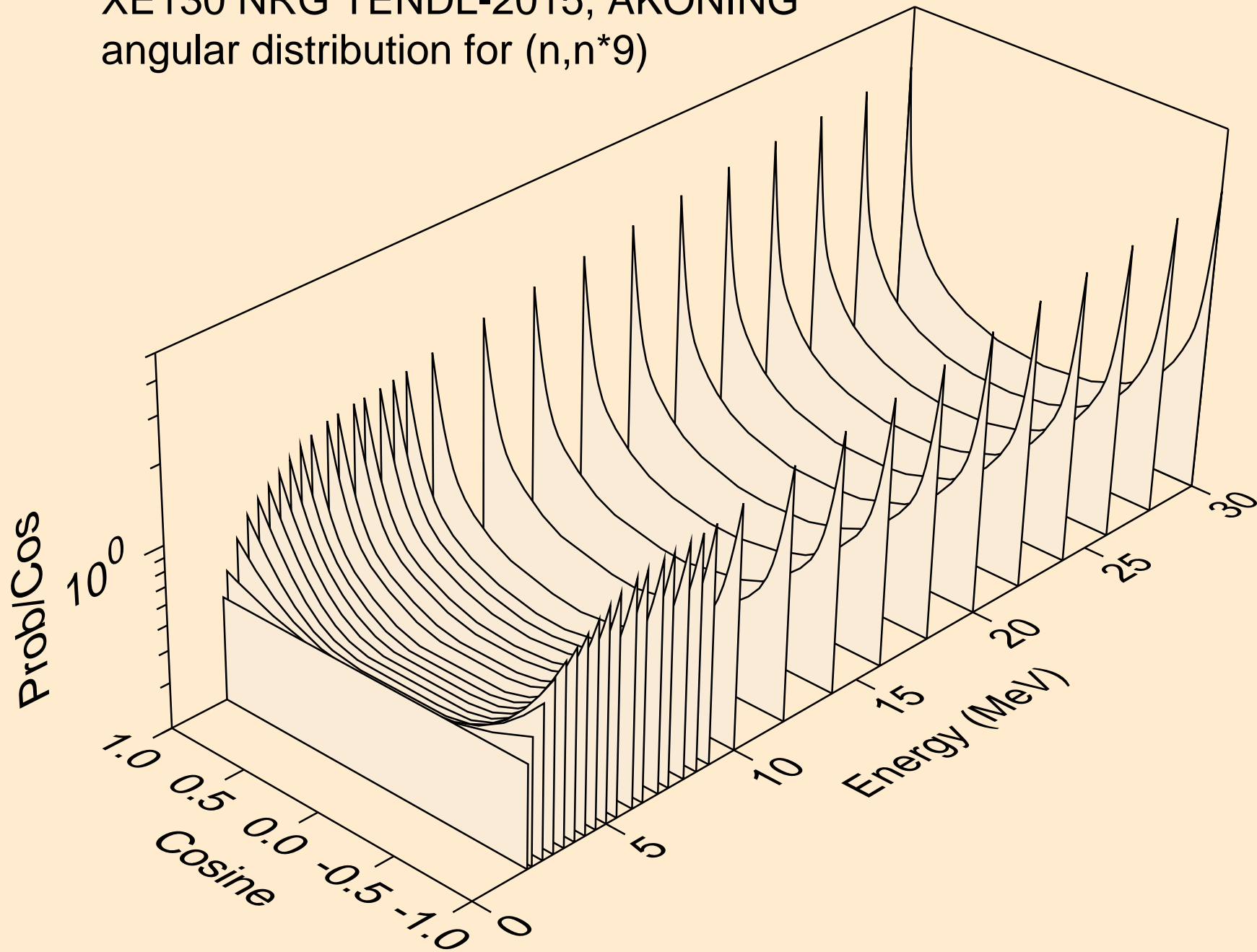




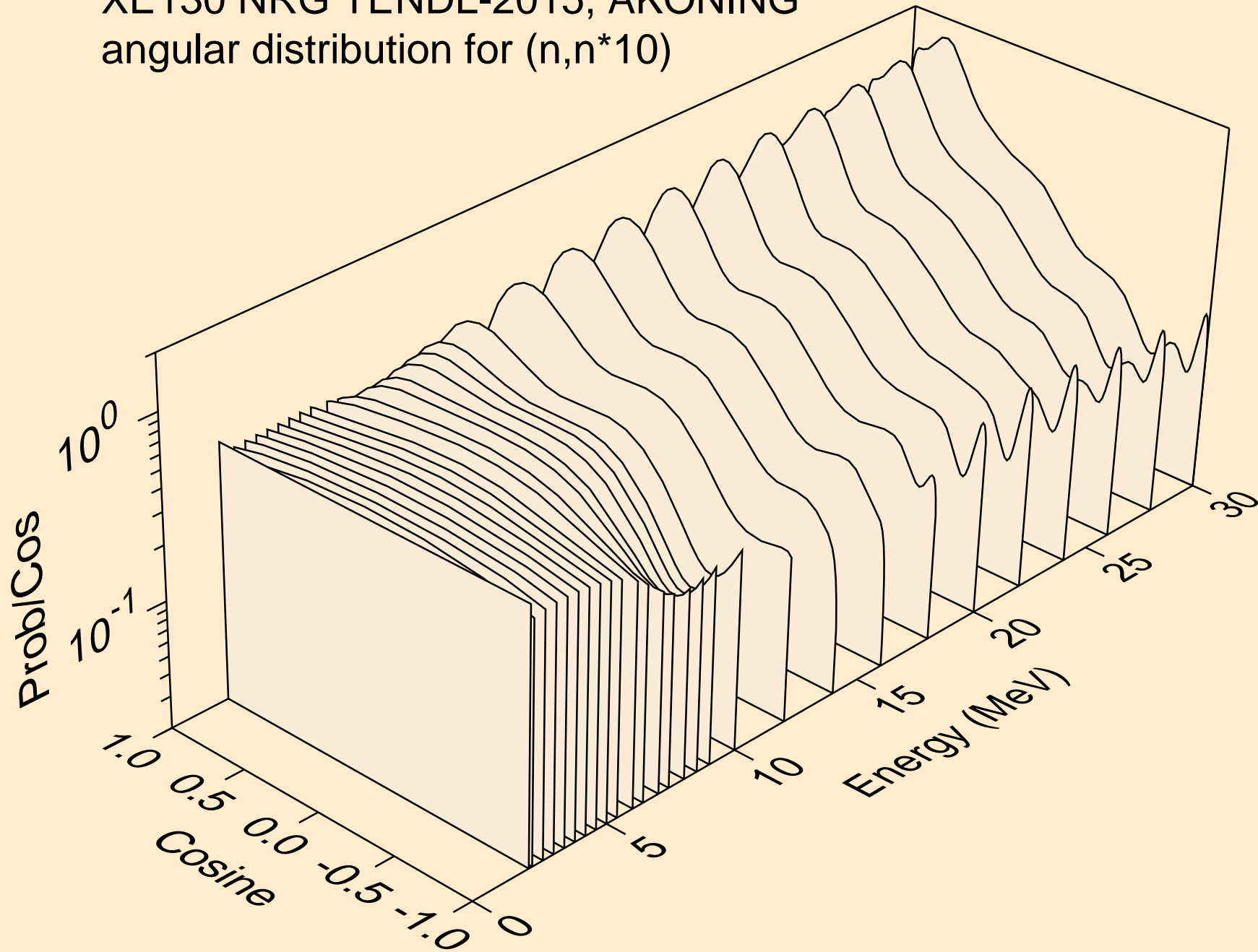
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



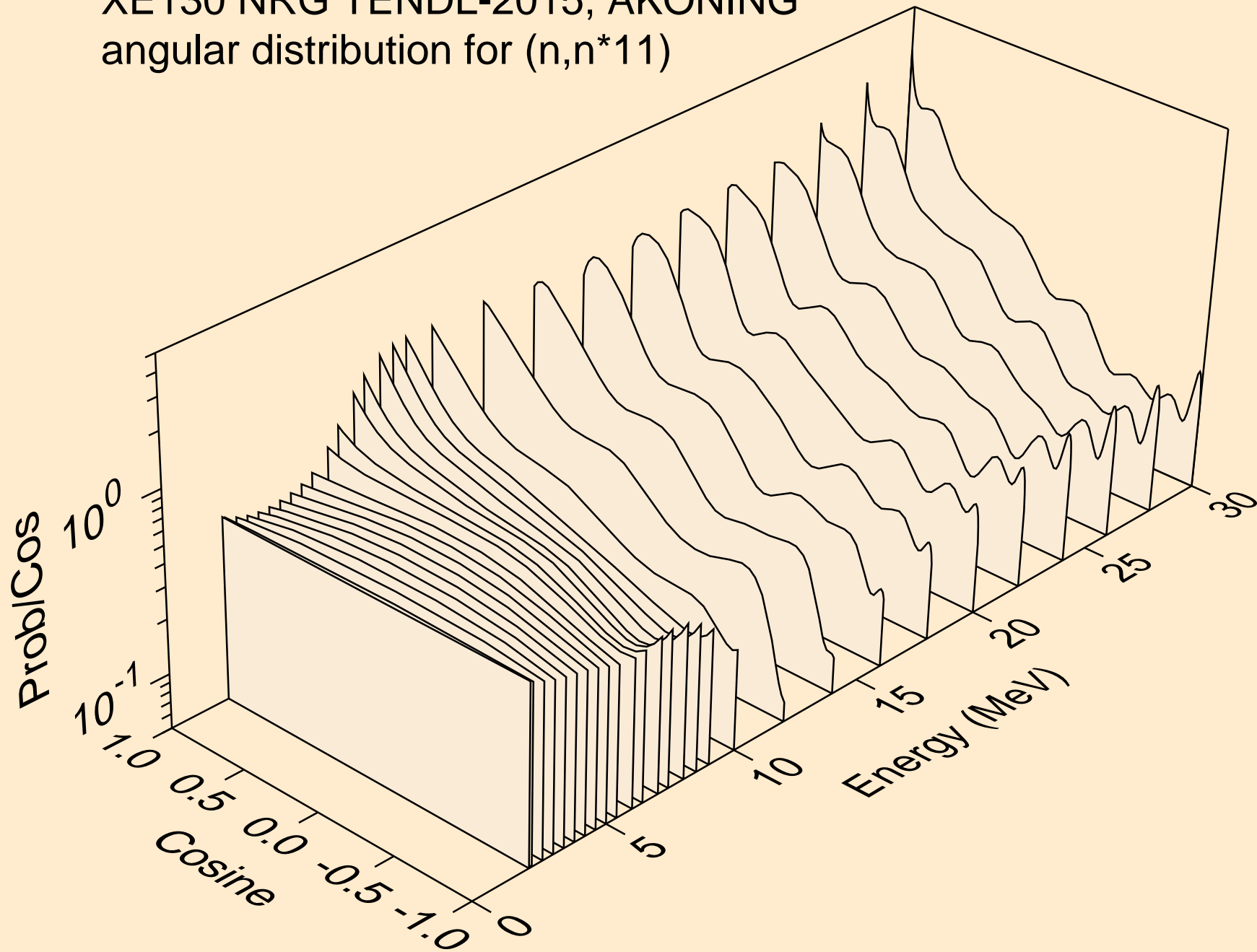
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



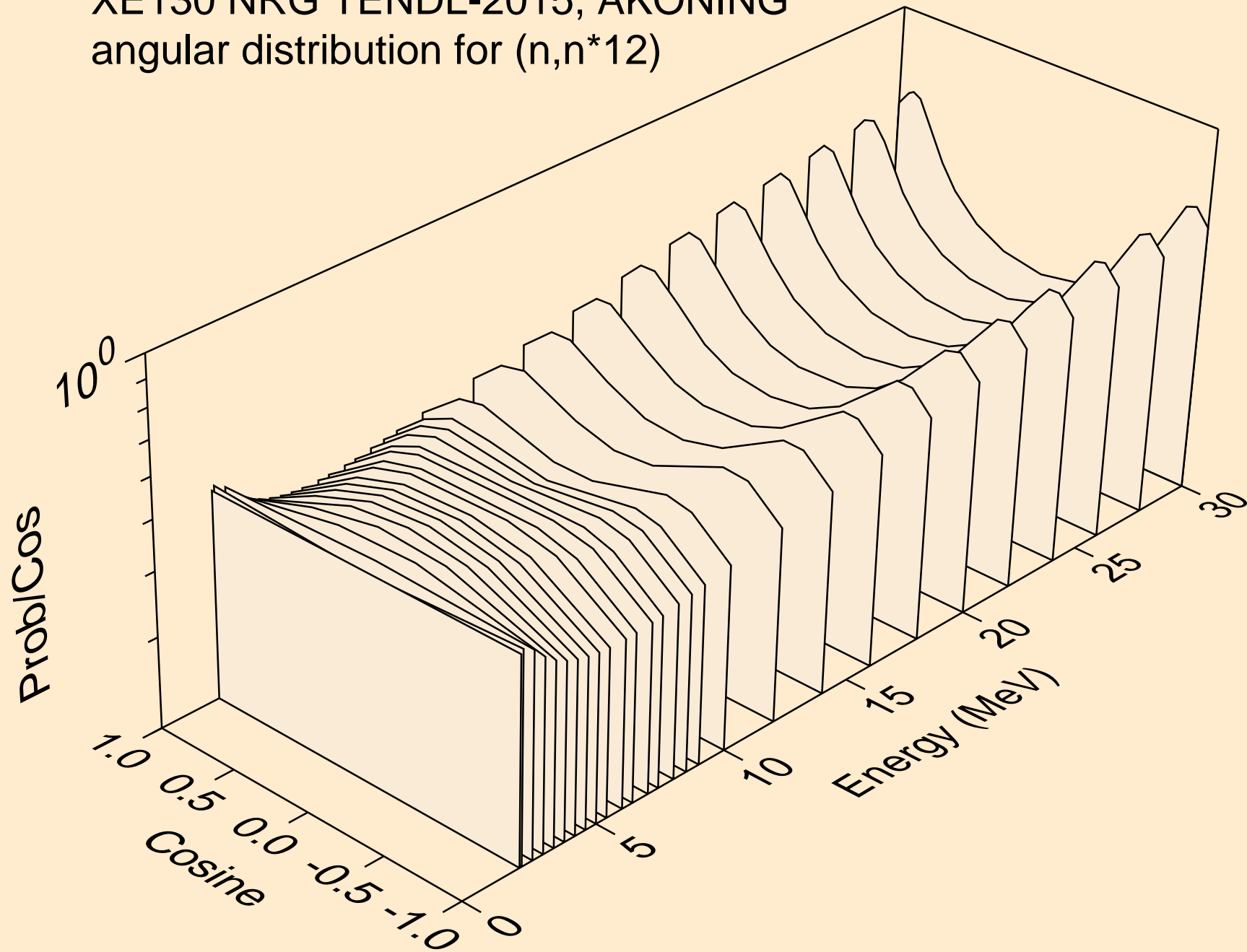
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



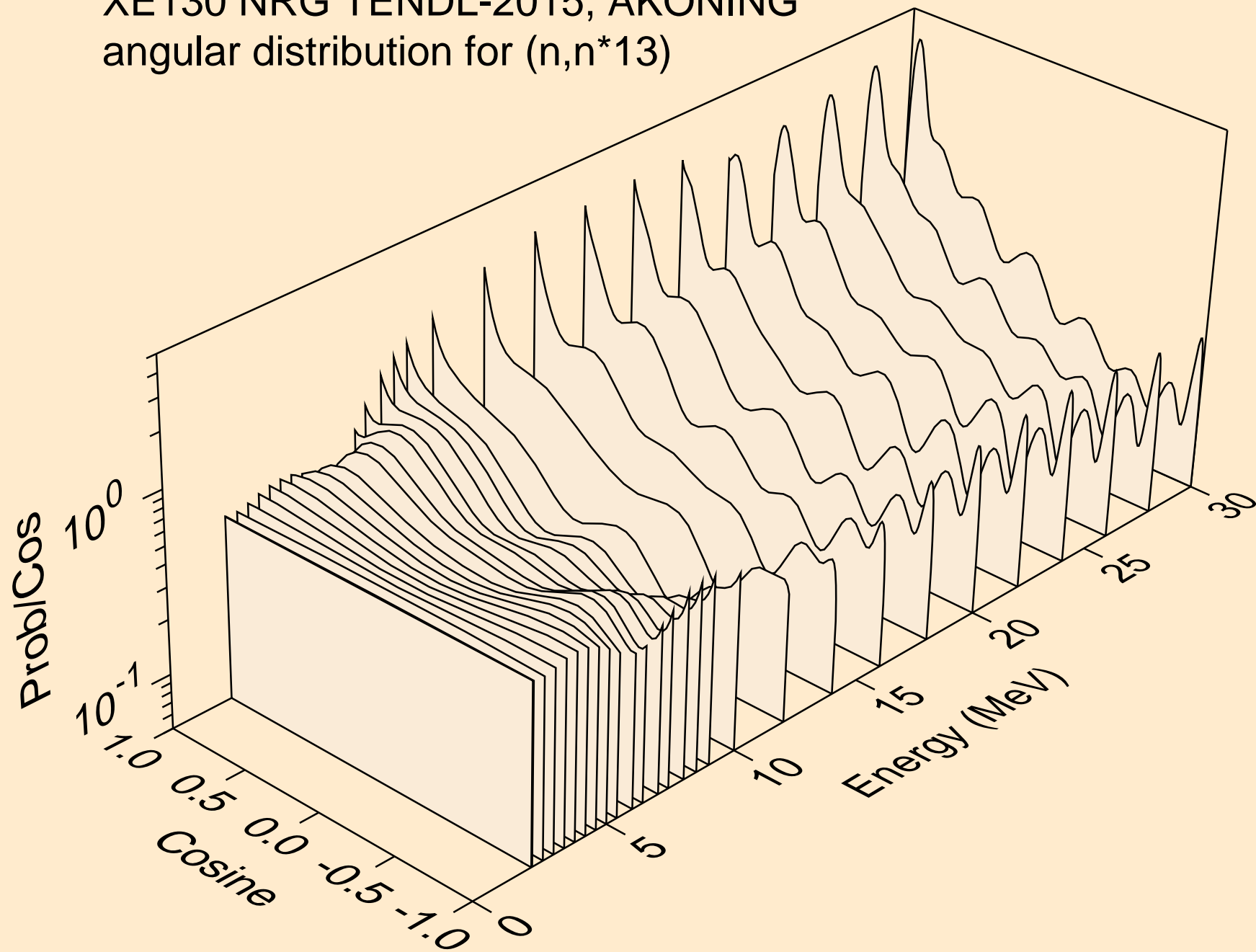
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



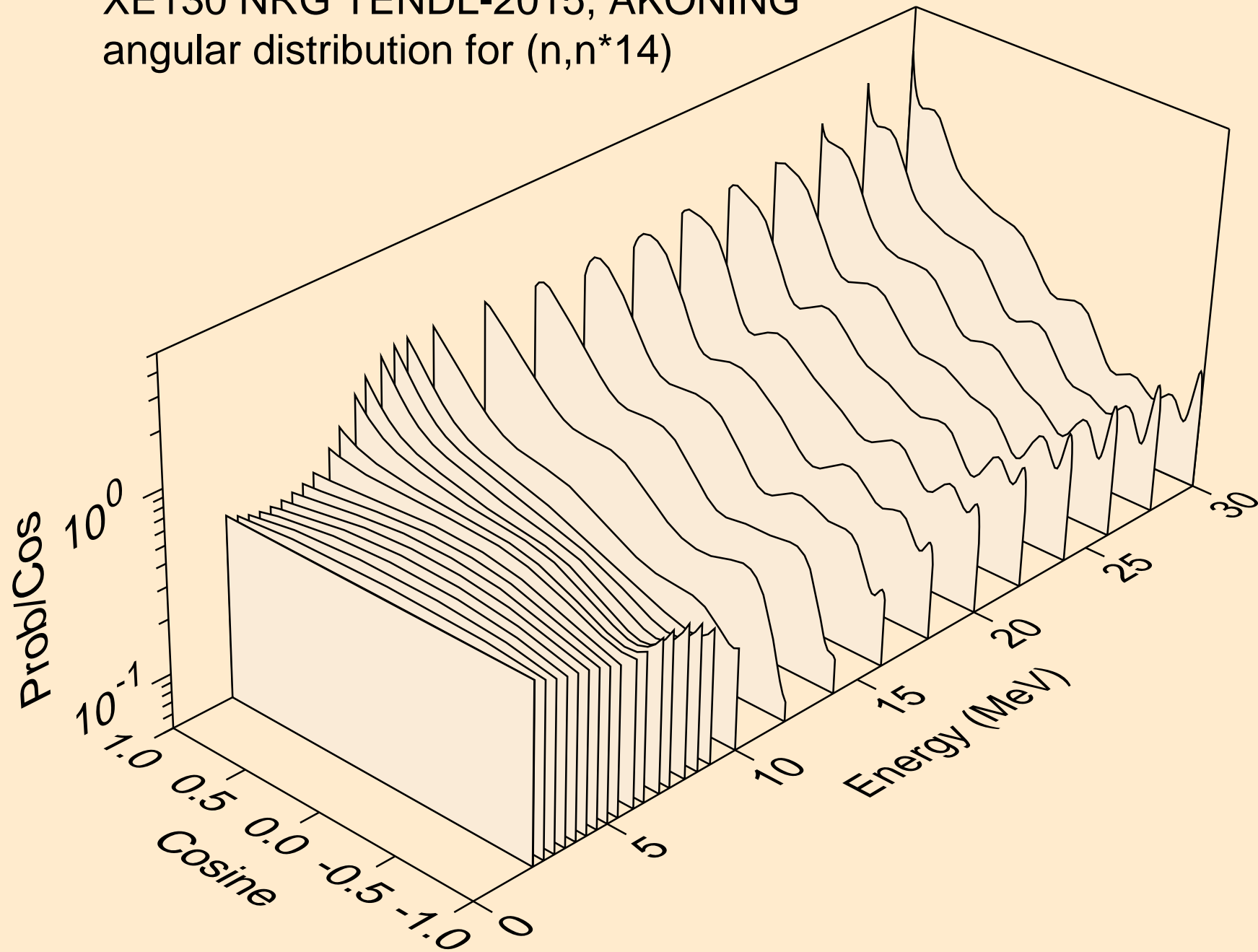
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



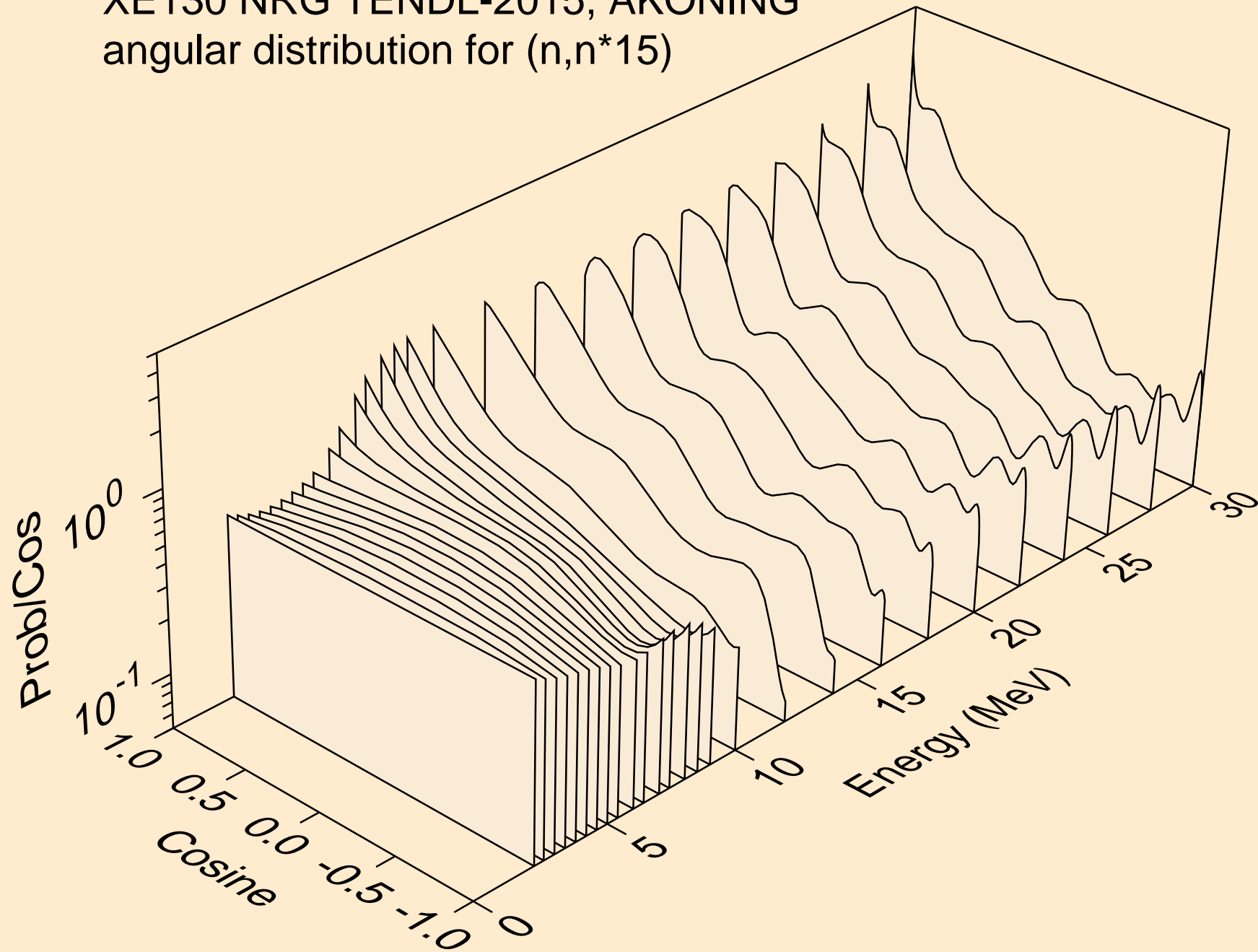
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

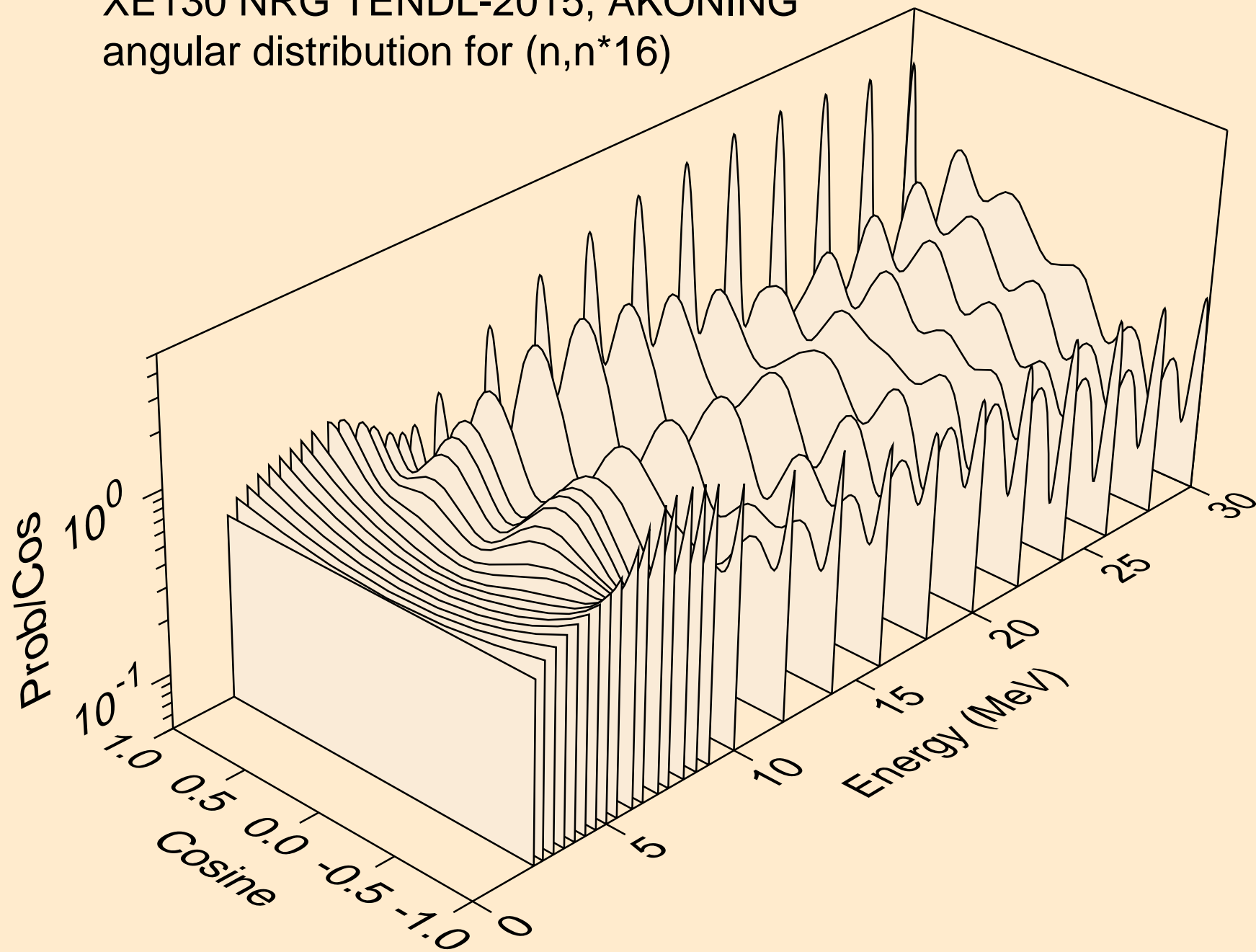


XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

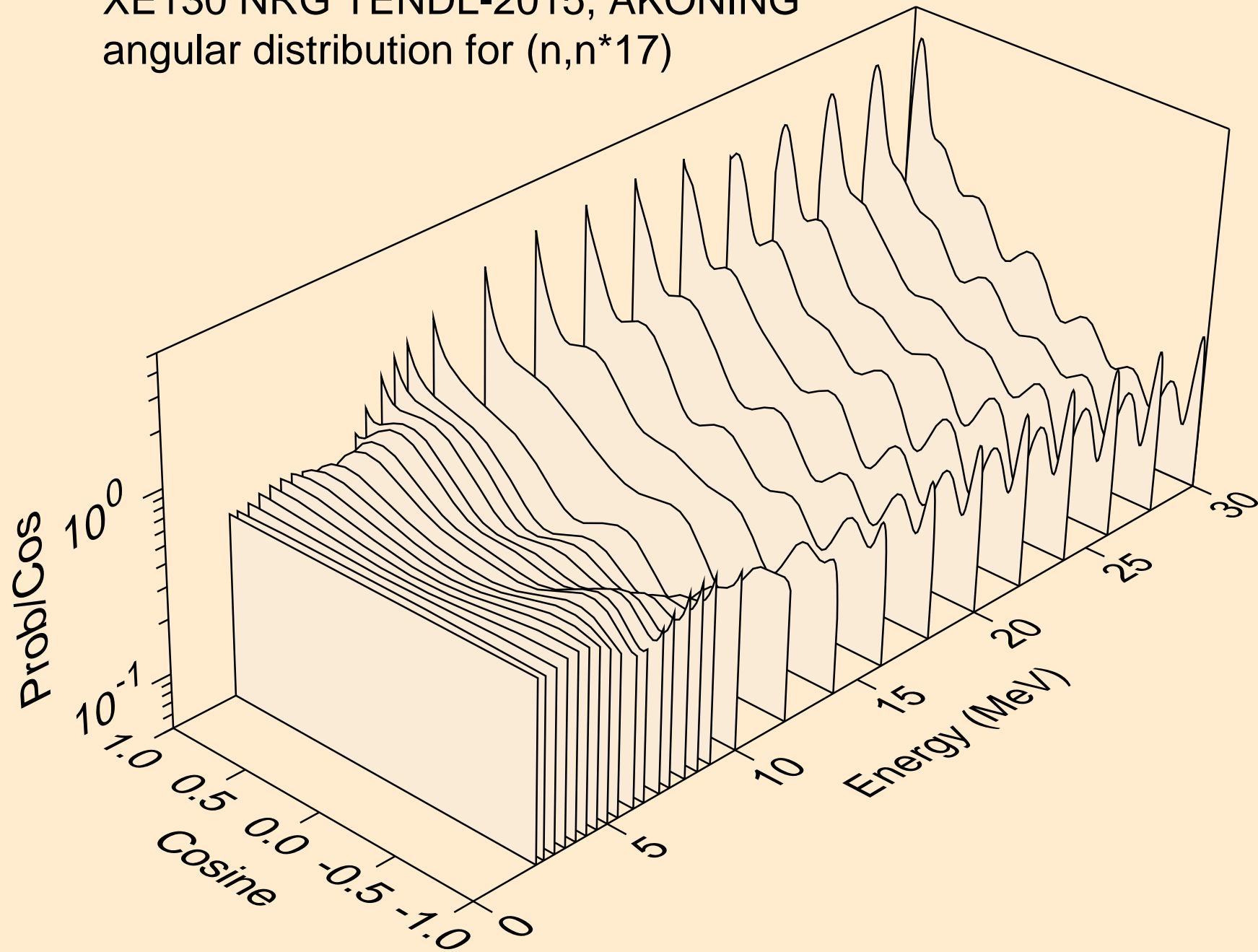




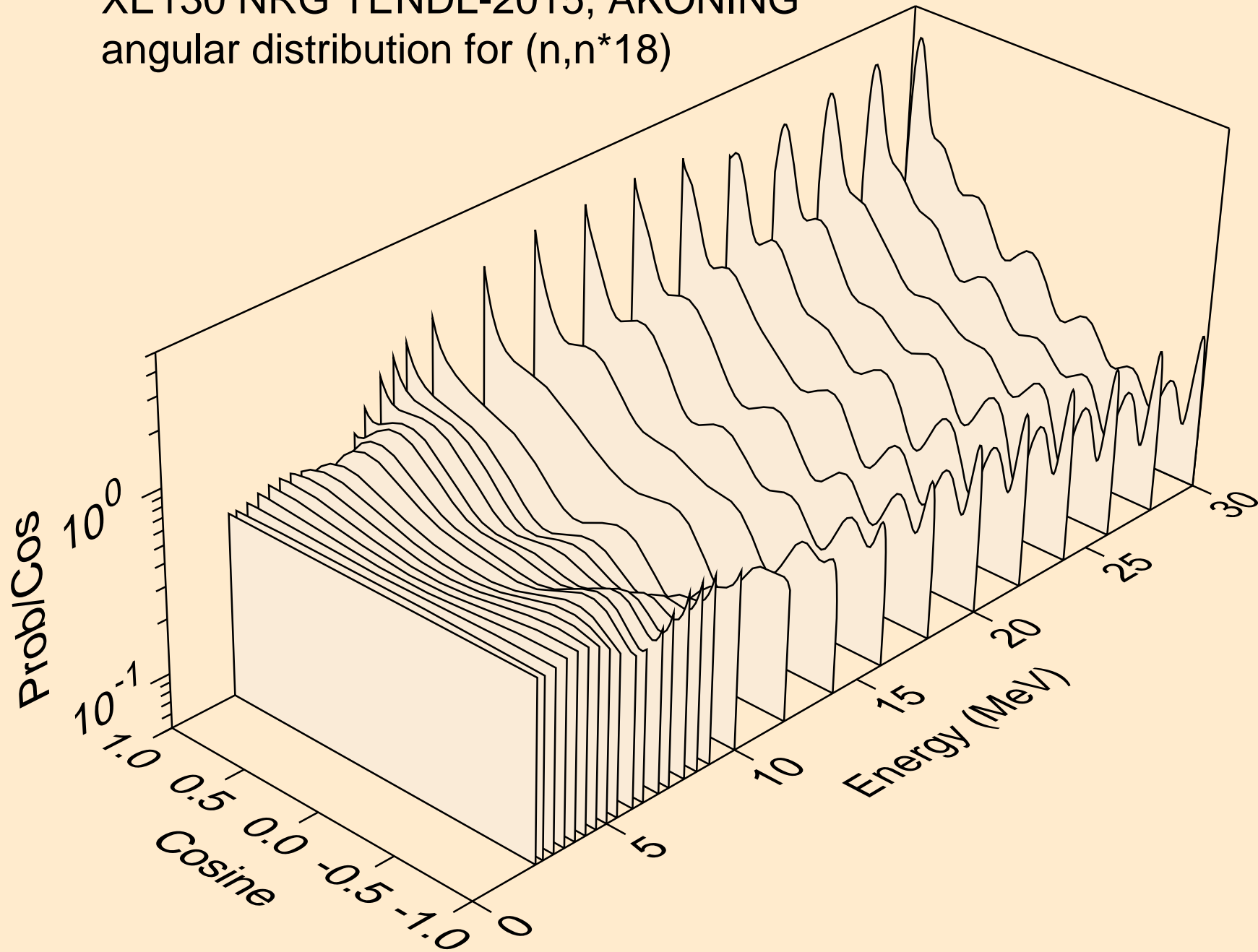
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



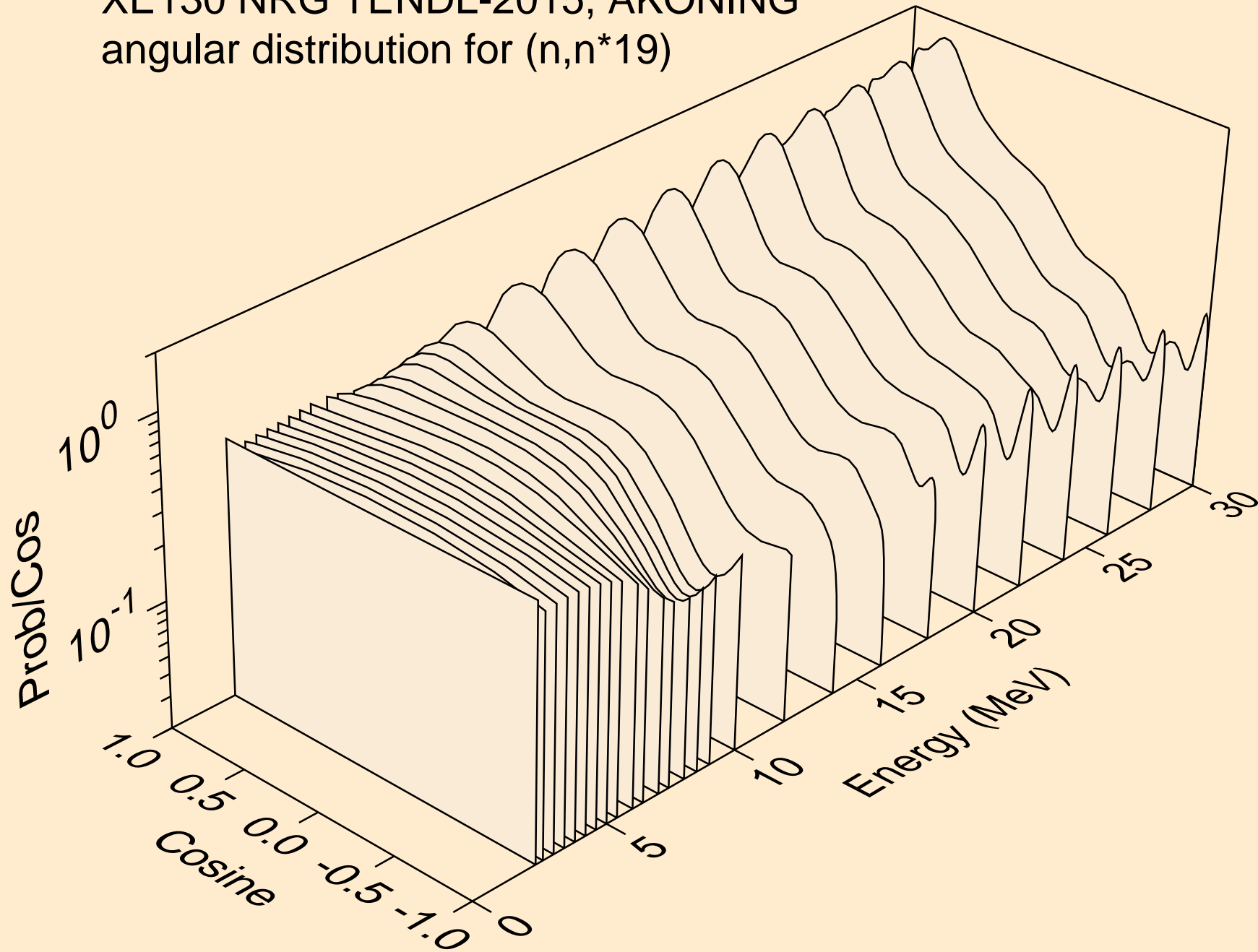
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



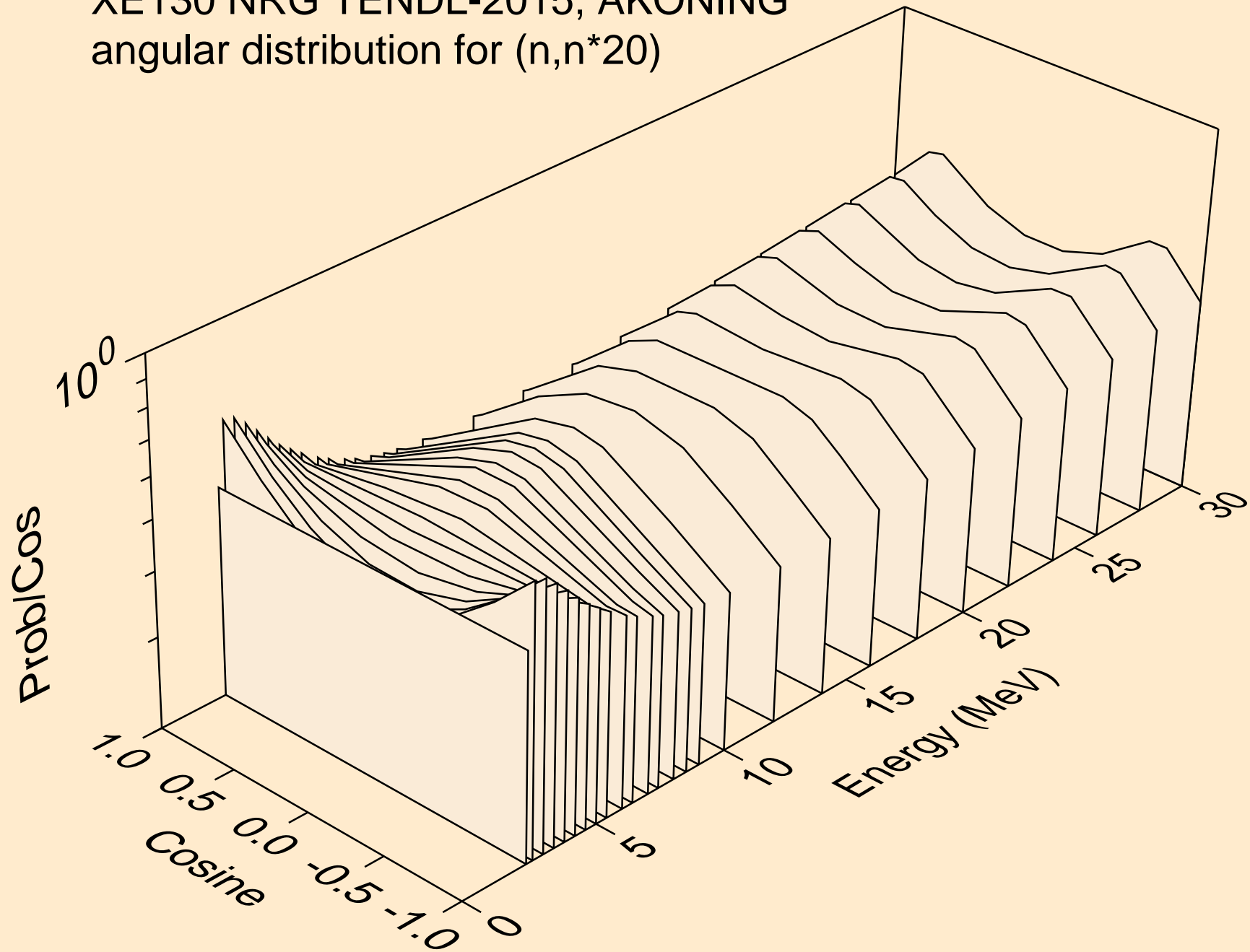
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



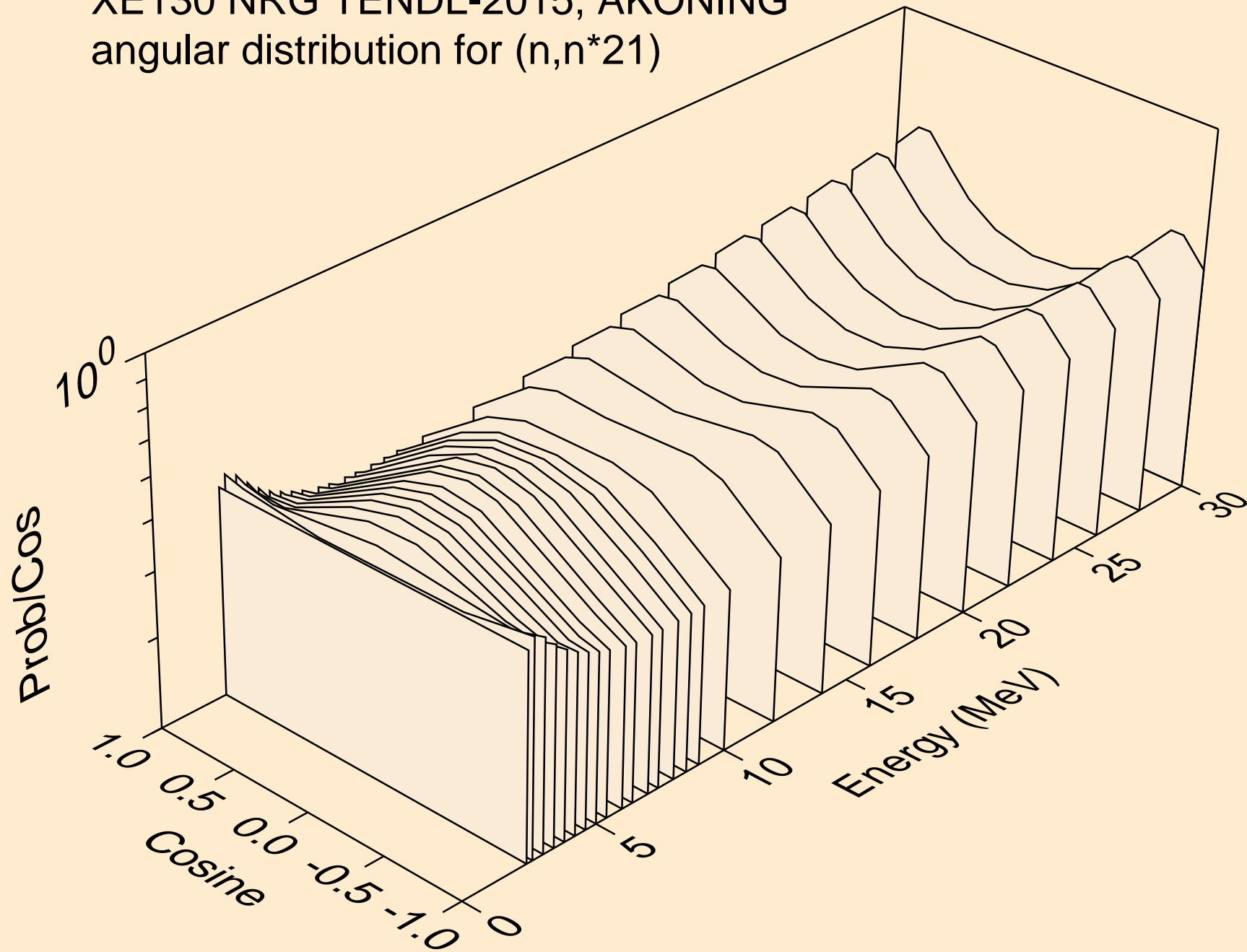
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



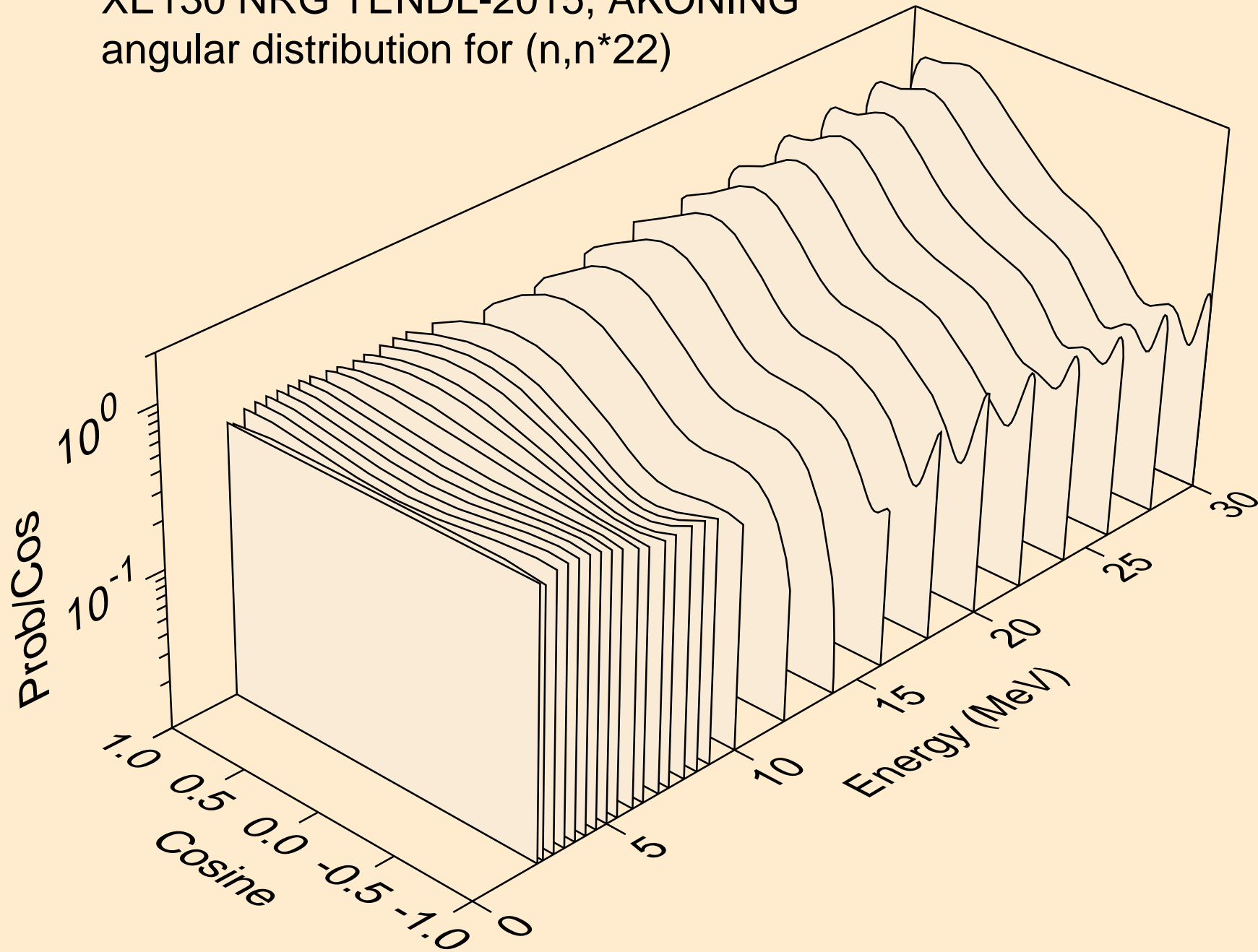
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



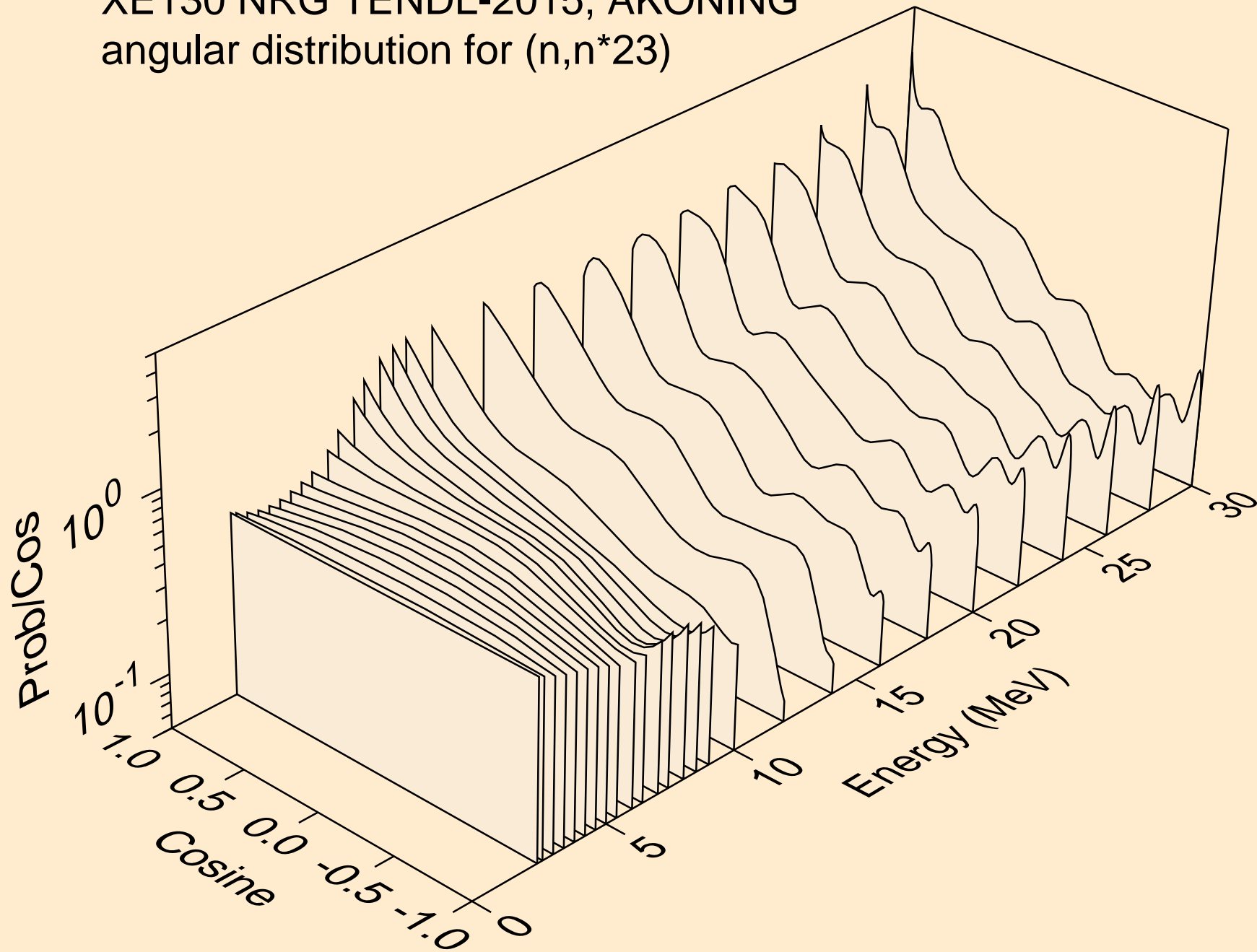
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

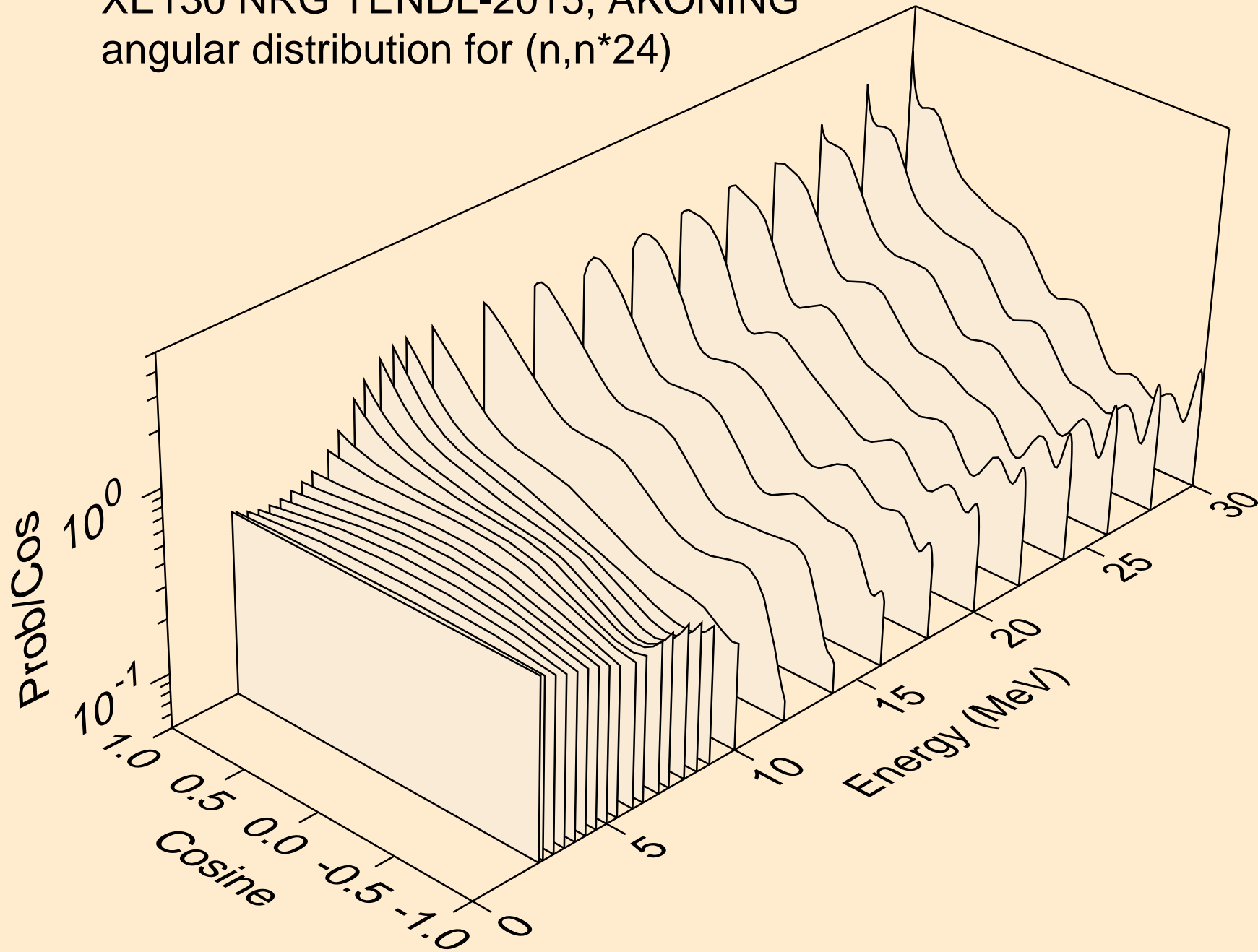


XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

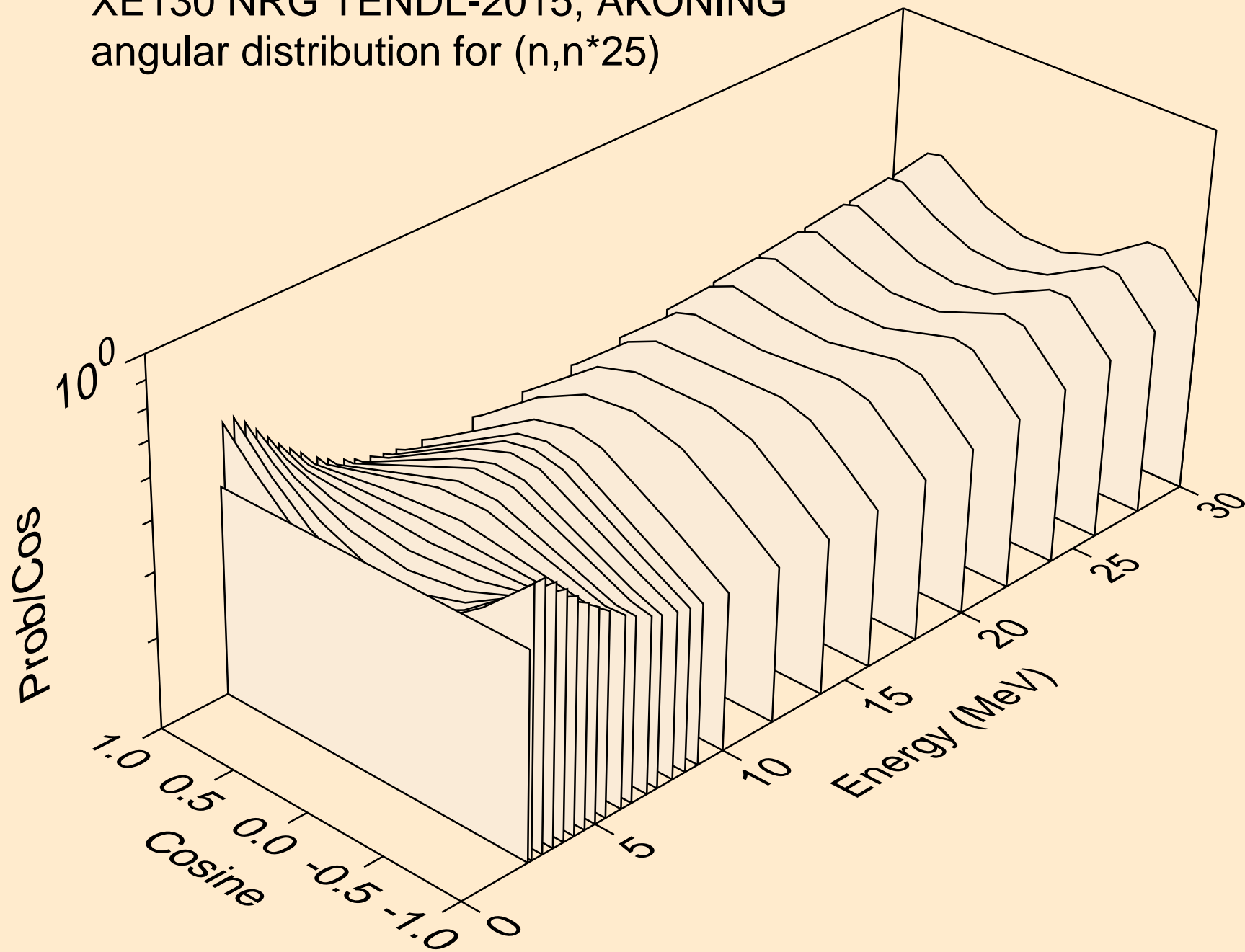




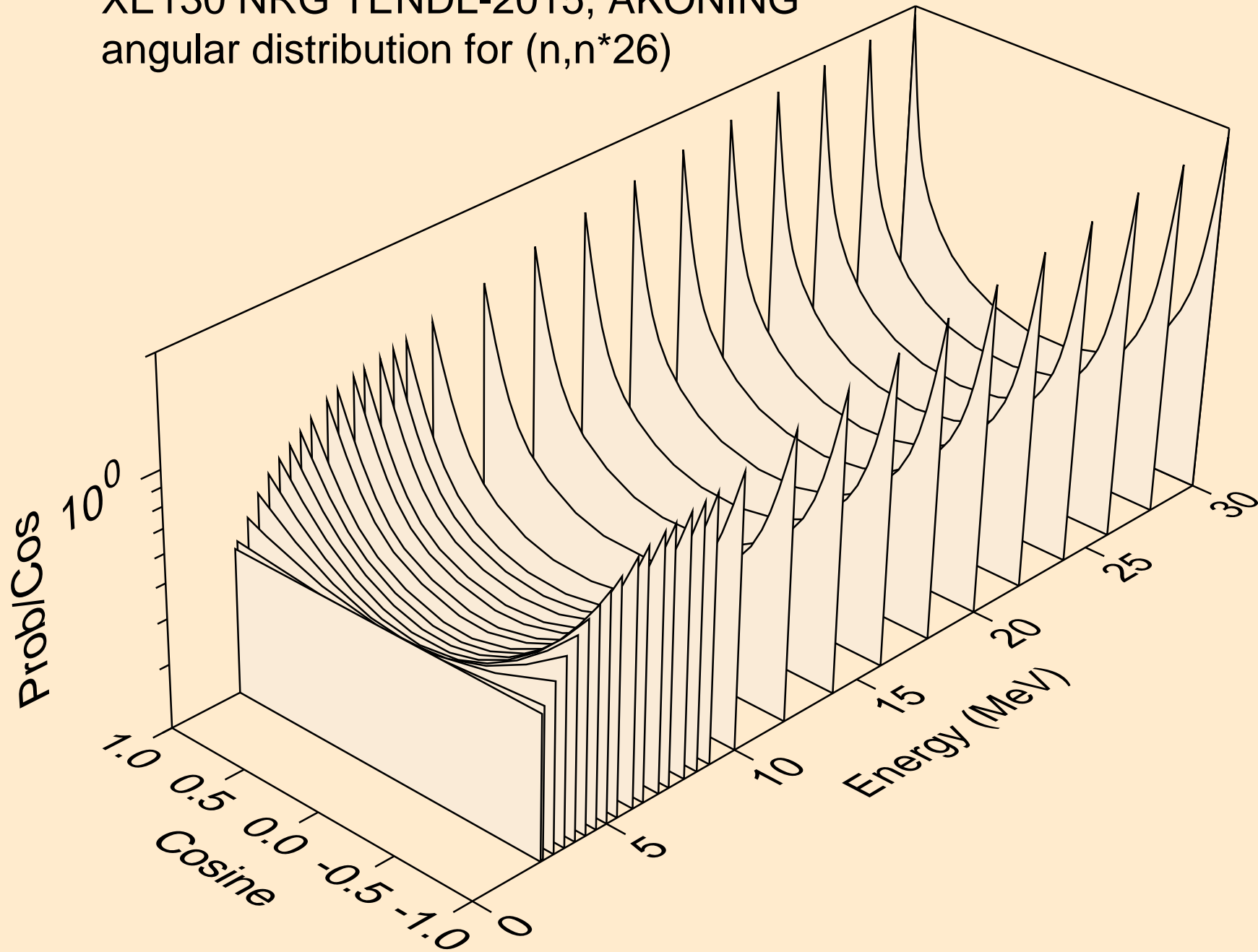
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



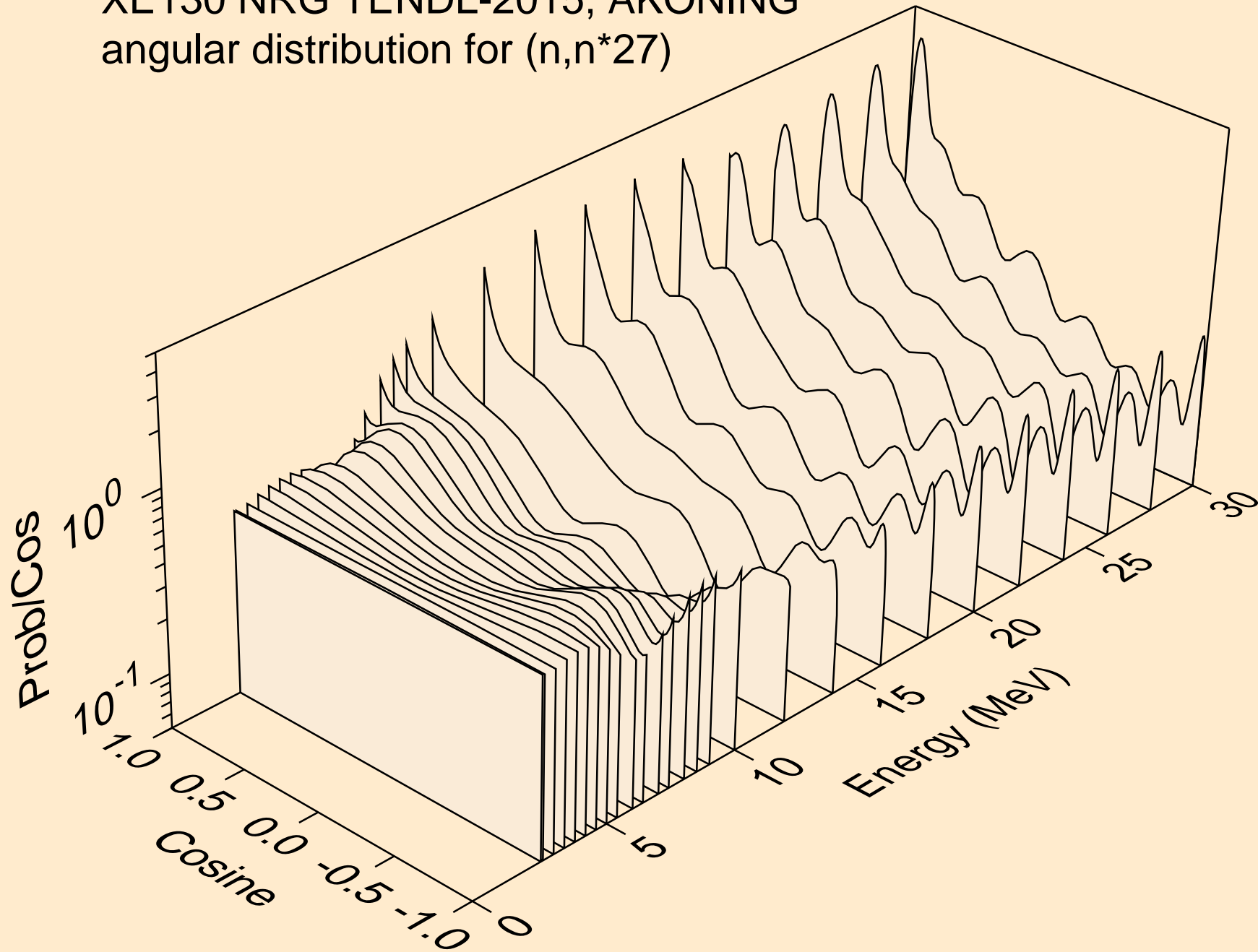
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



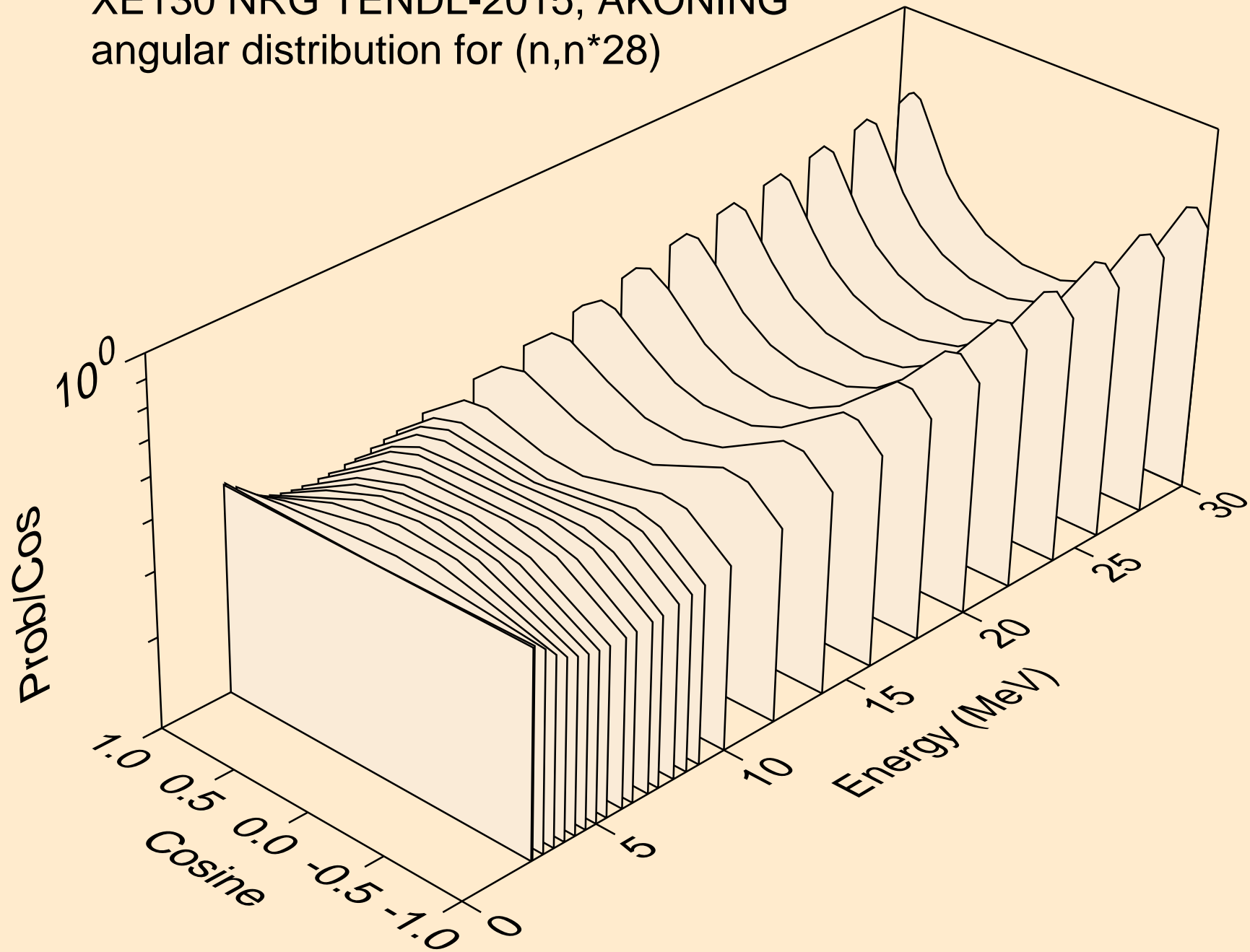
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



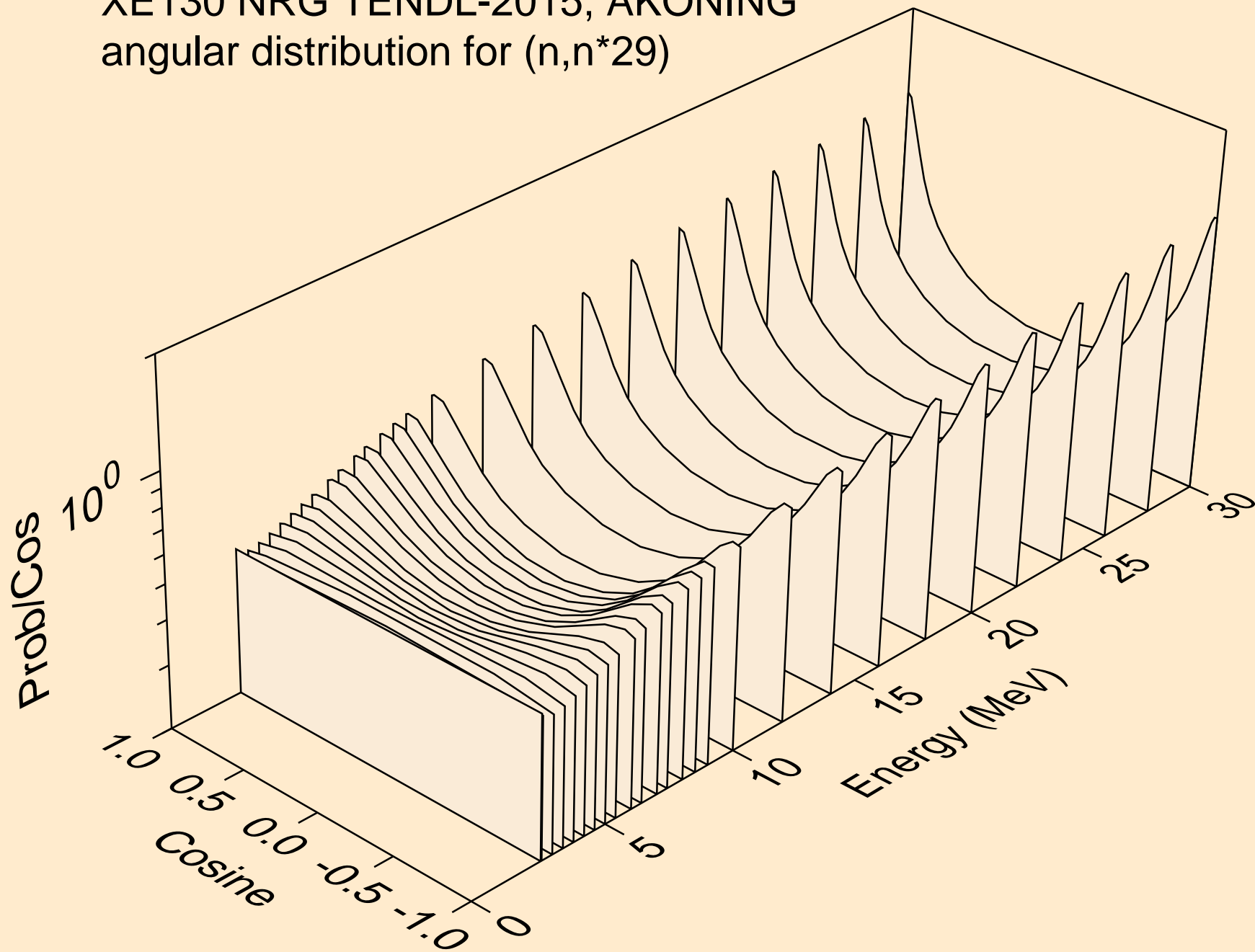
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



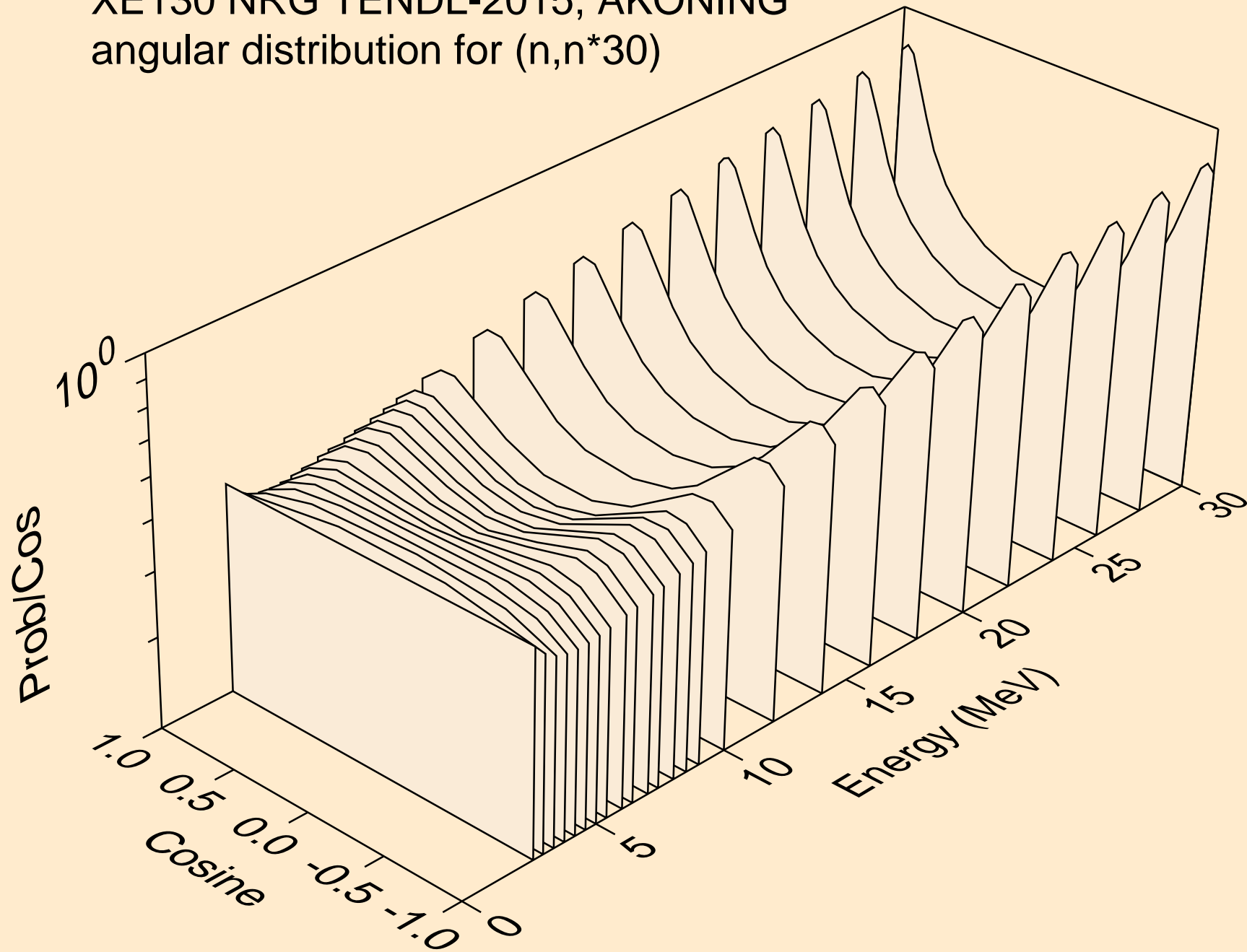
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



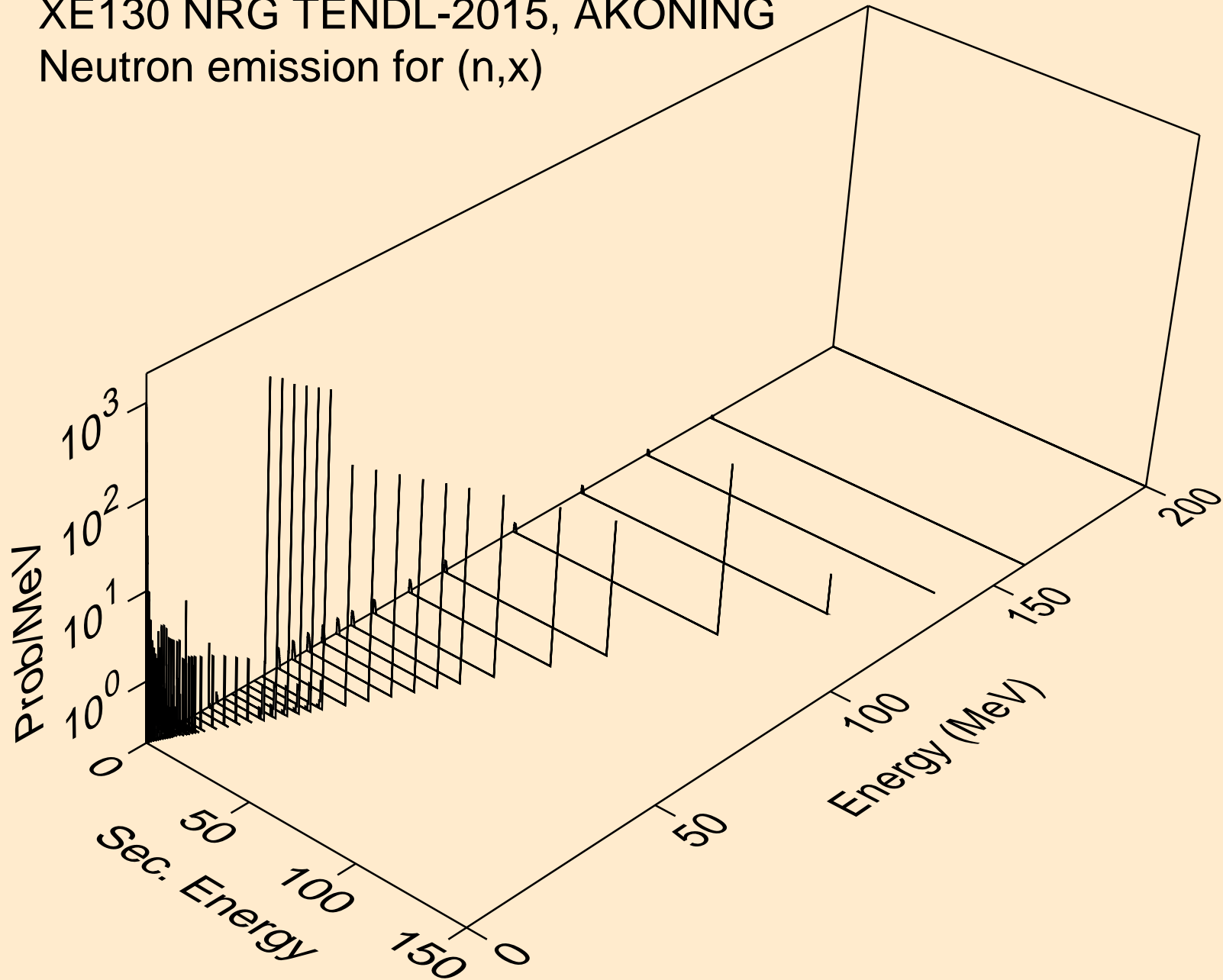
XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



XE130 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

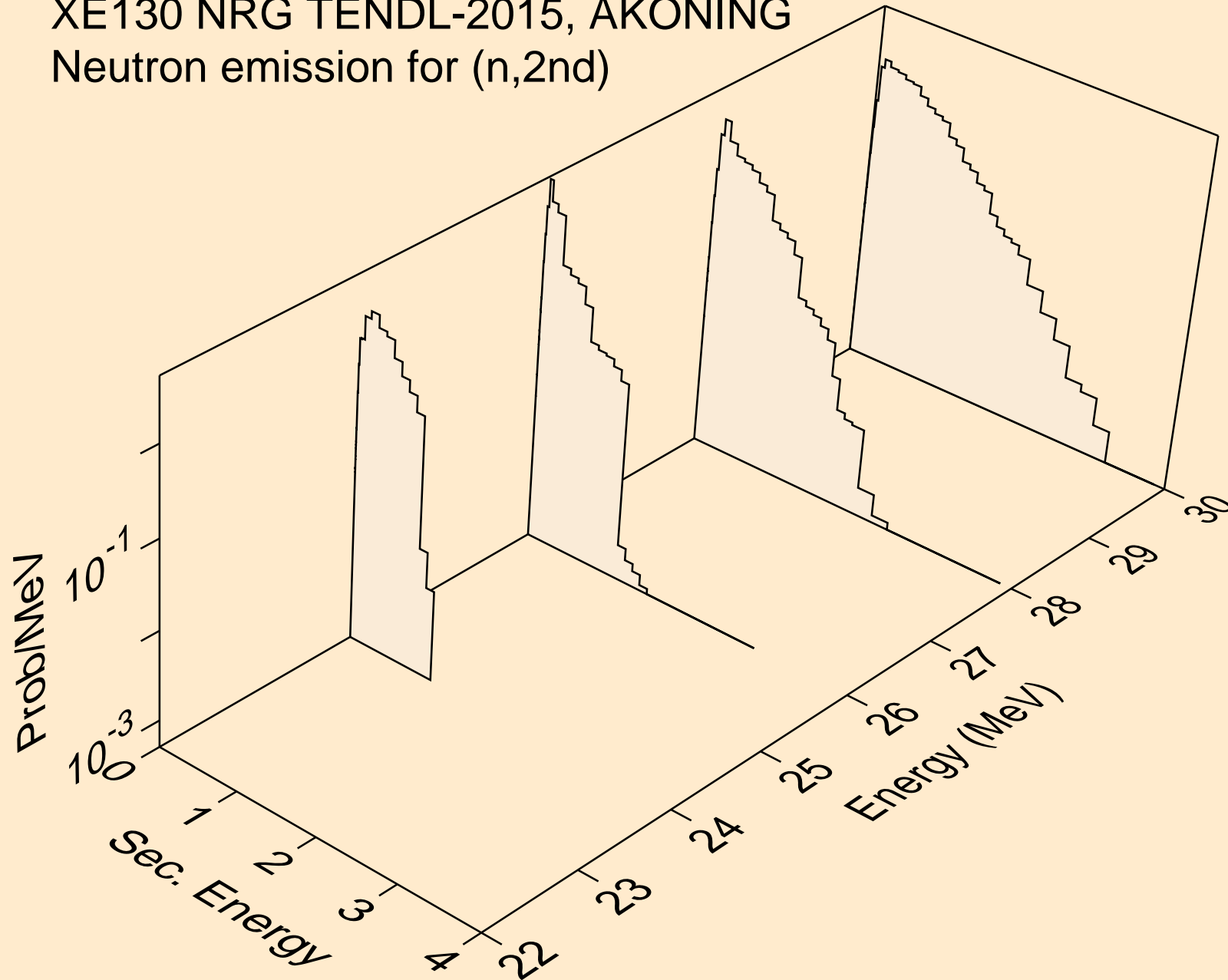


XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

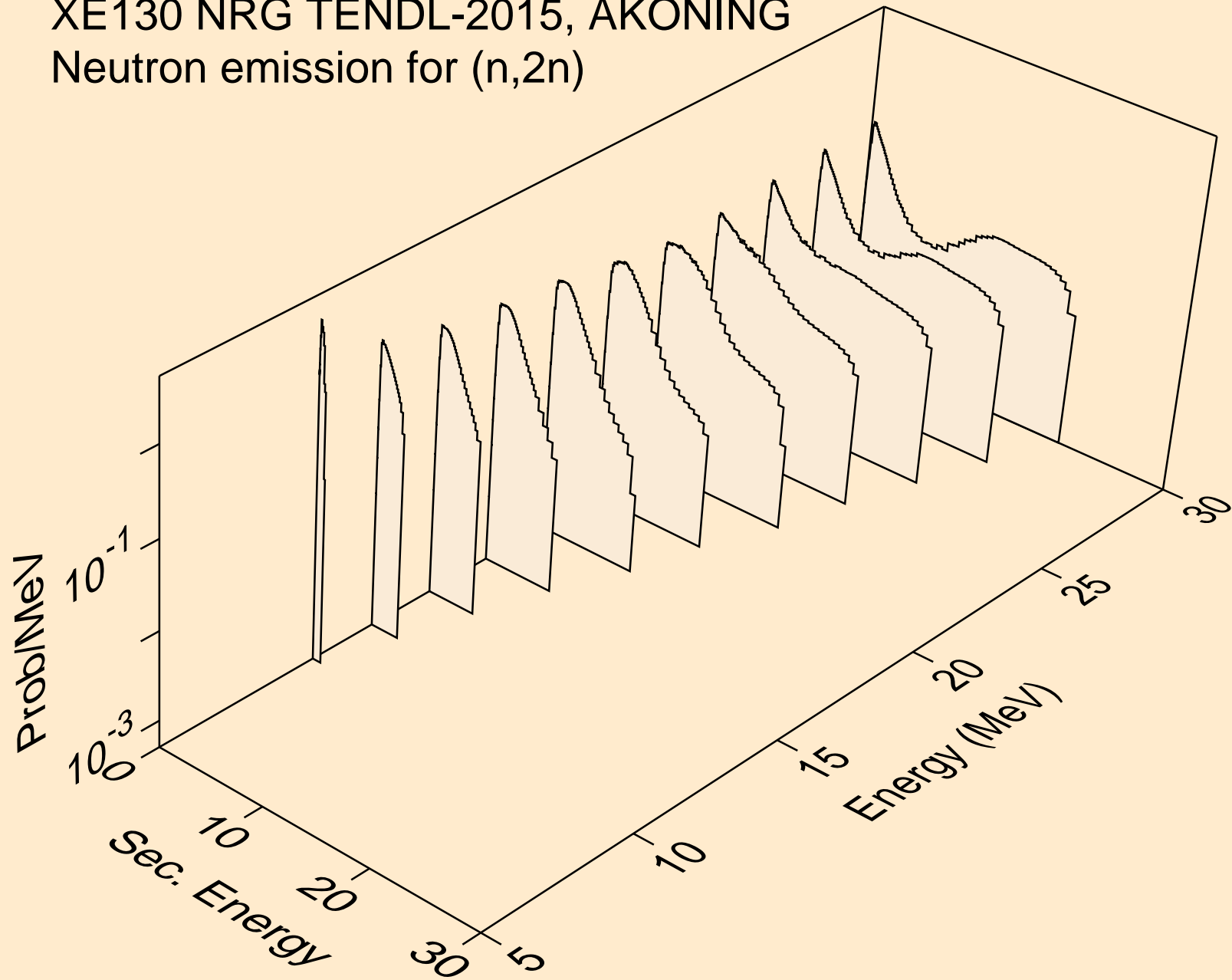




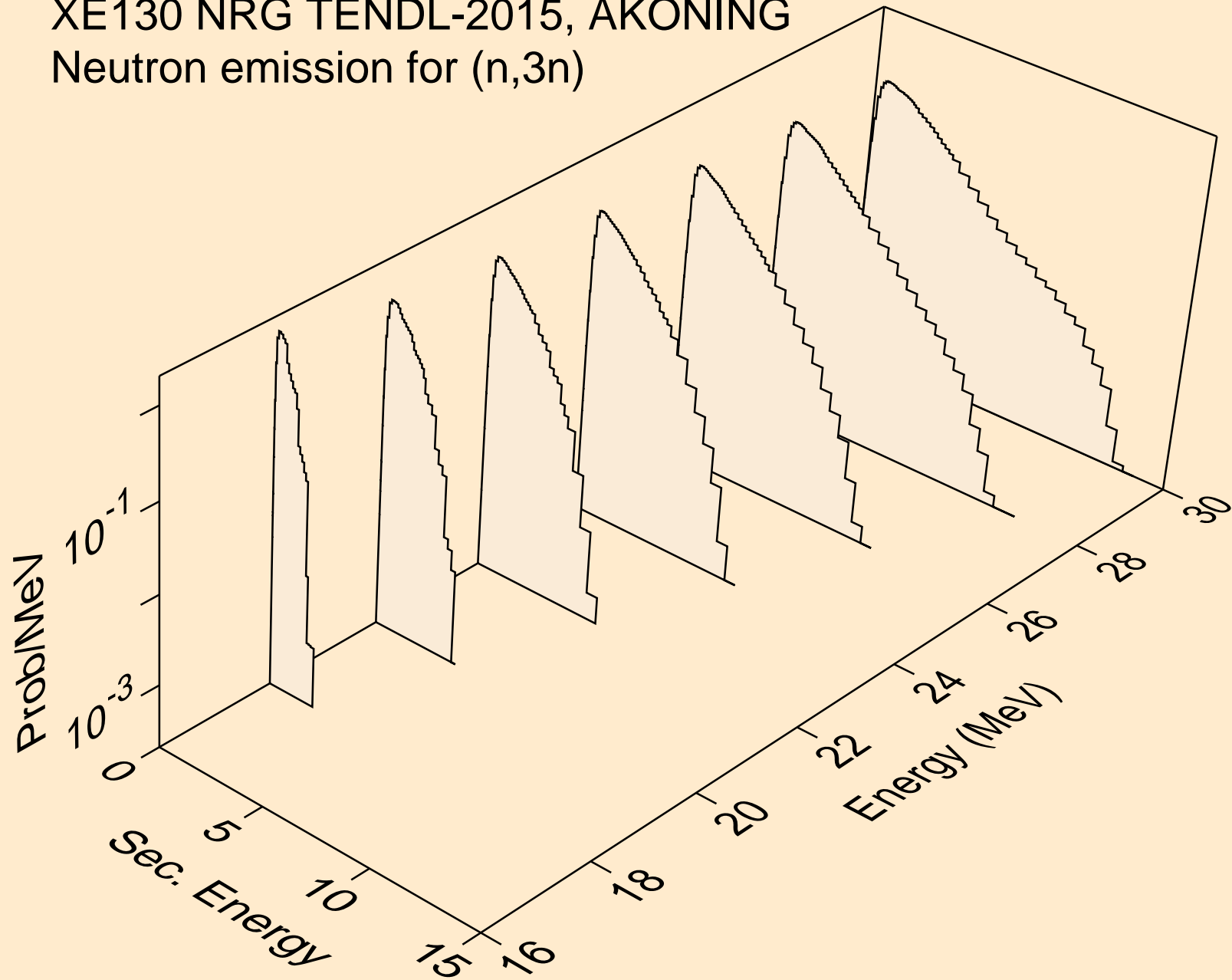
XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



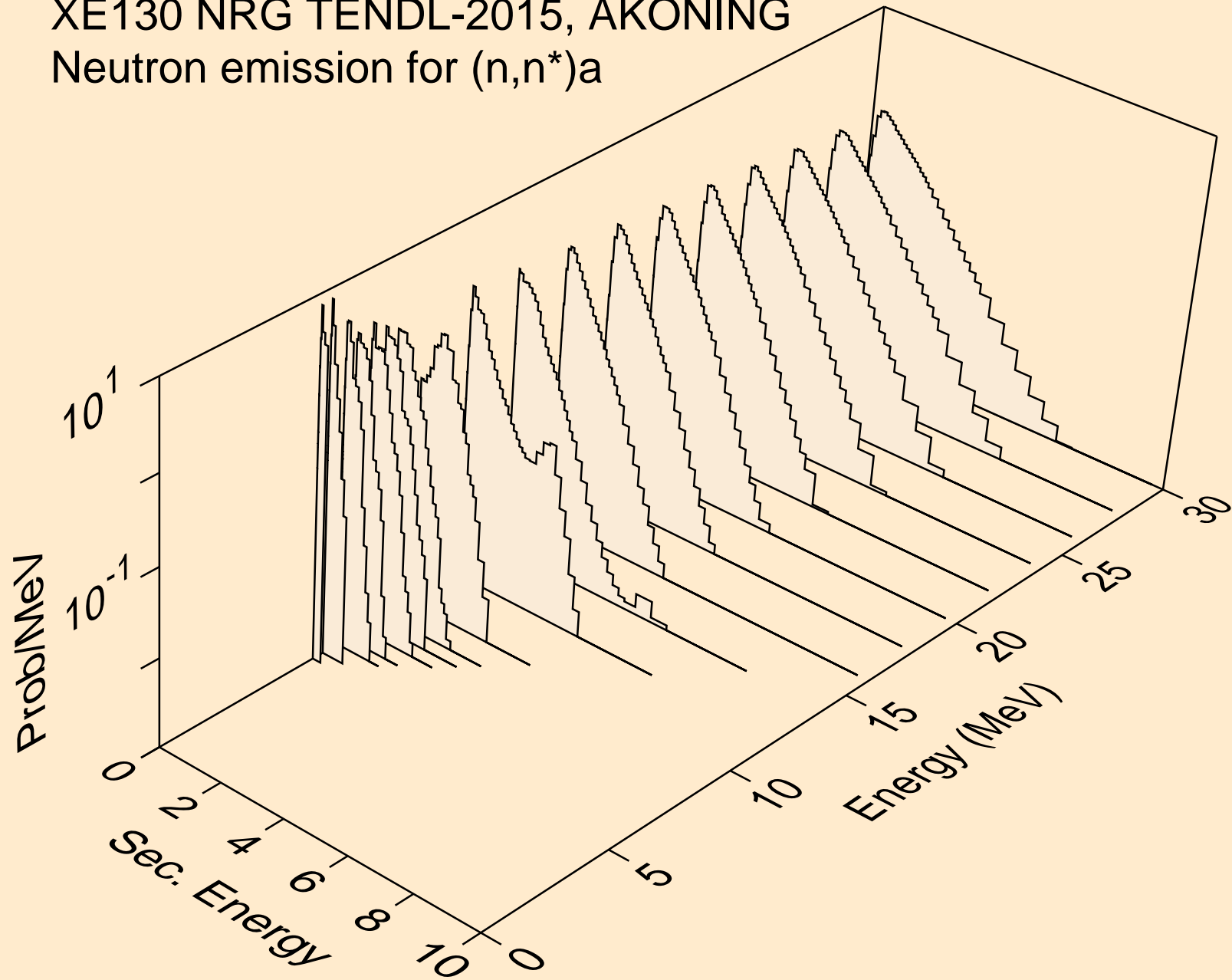
XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



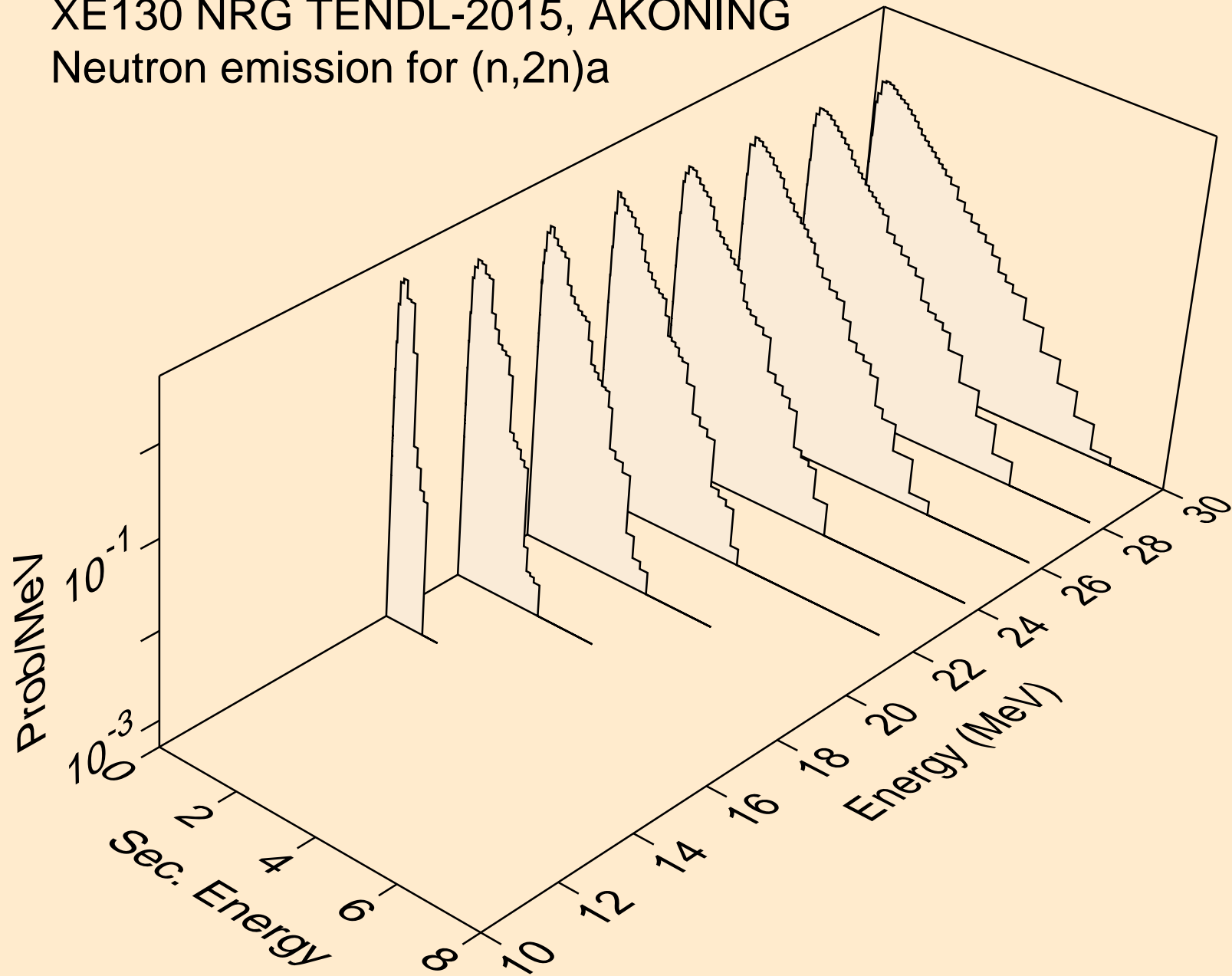
XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



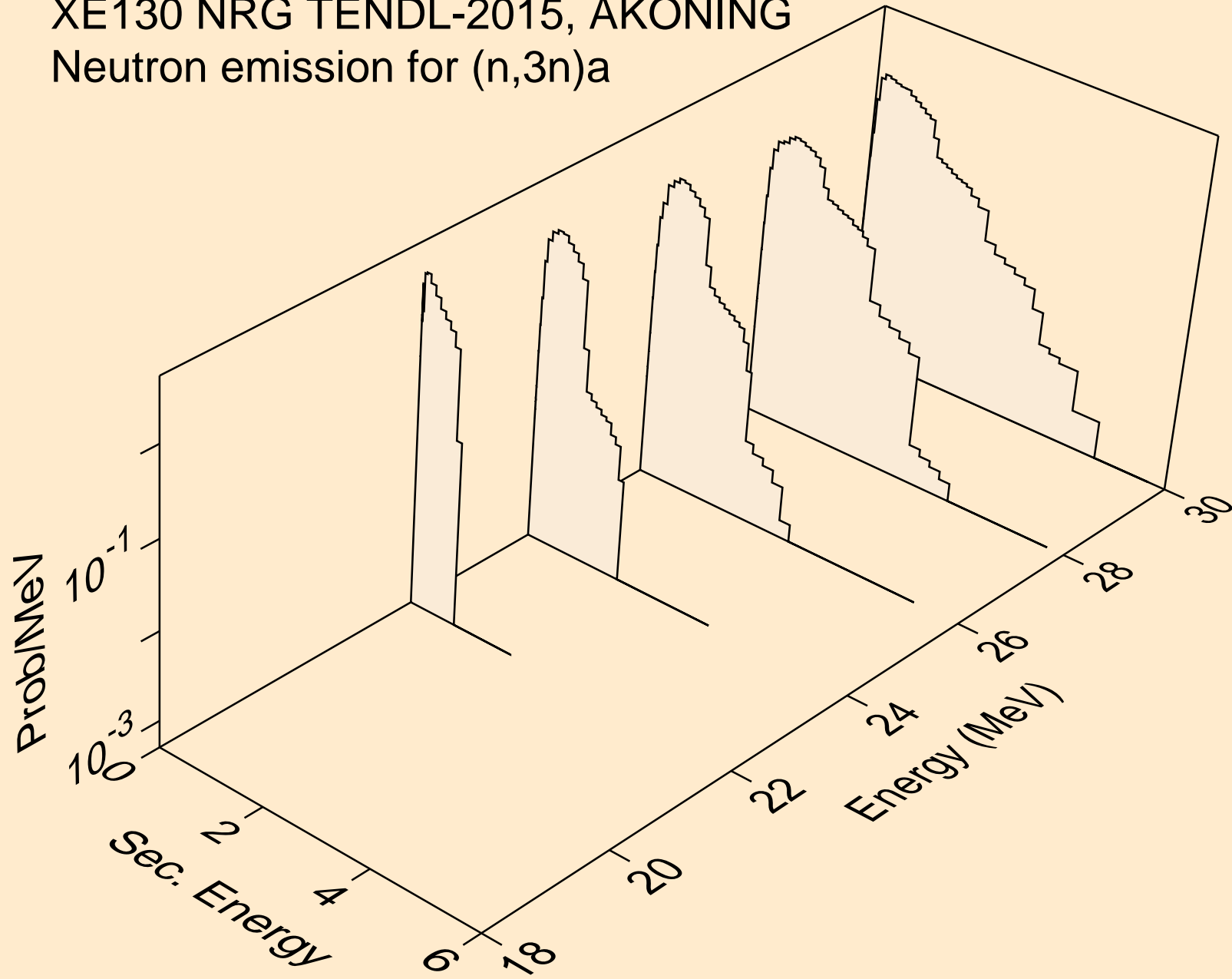
XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



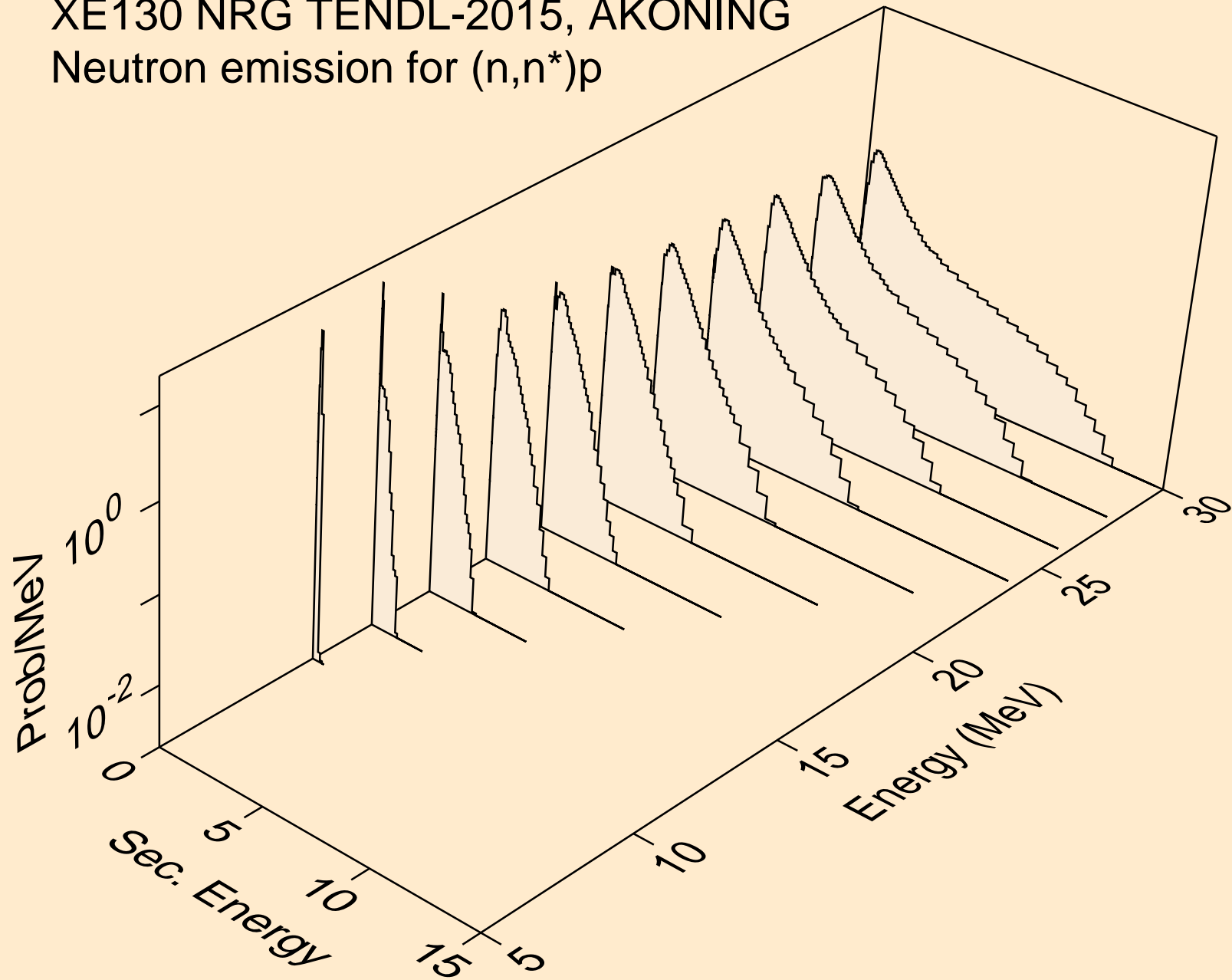
XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



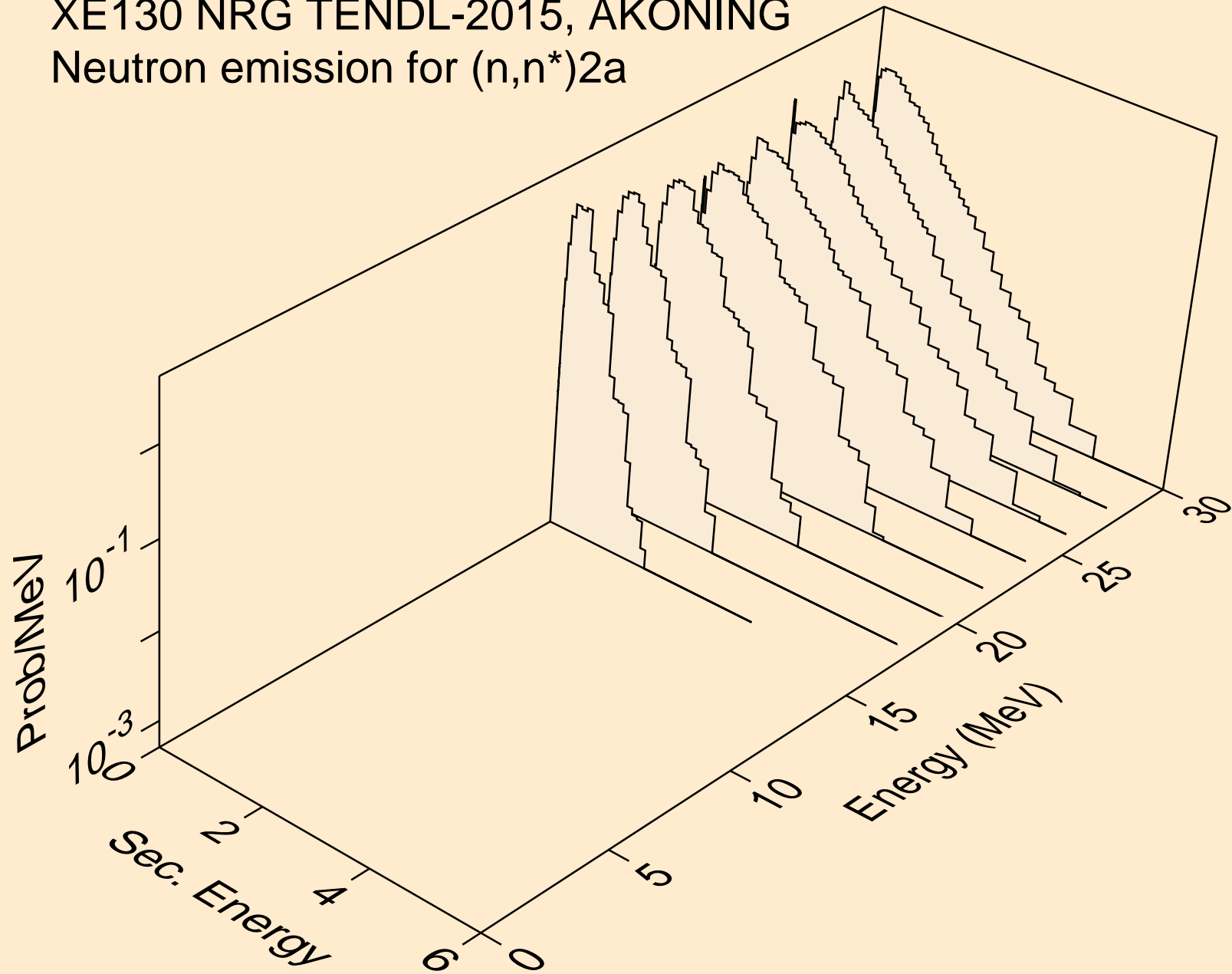
XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

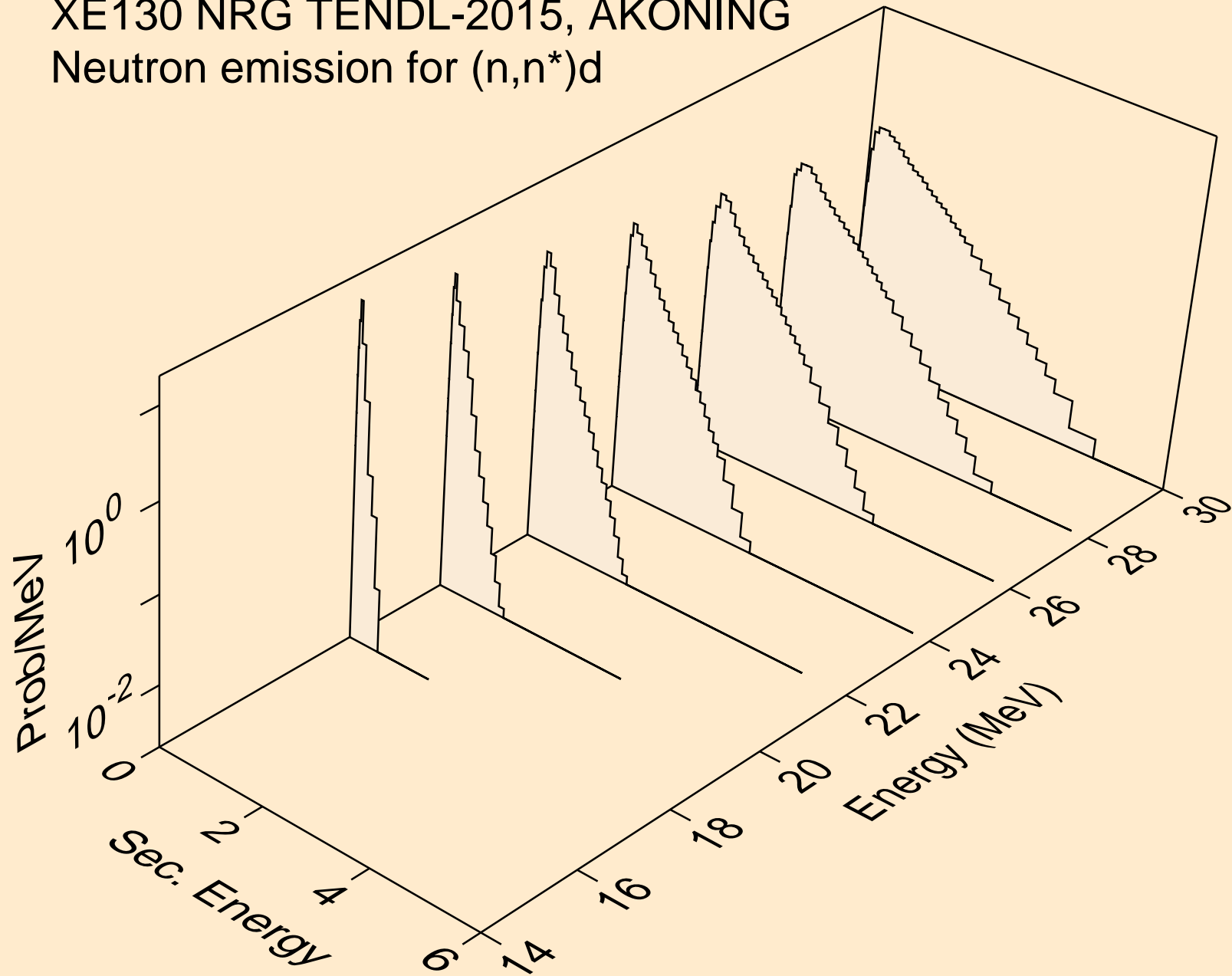


XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

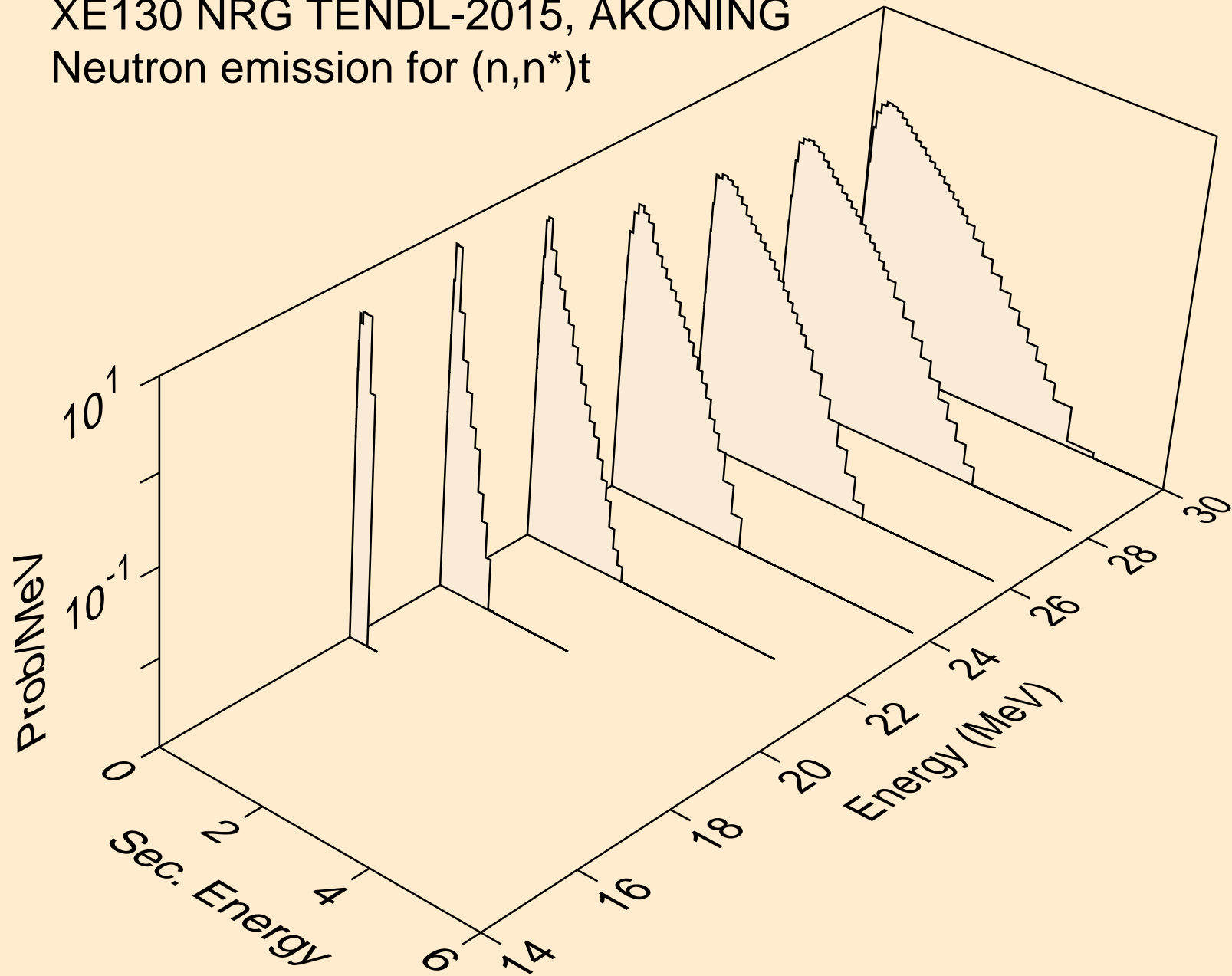




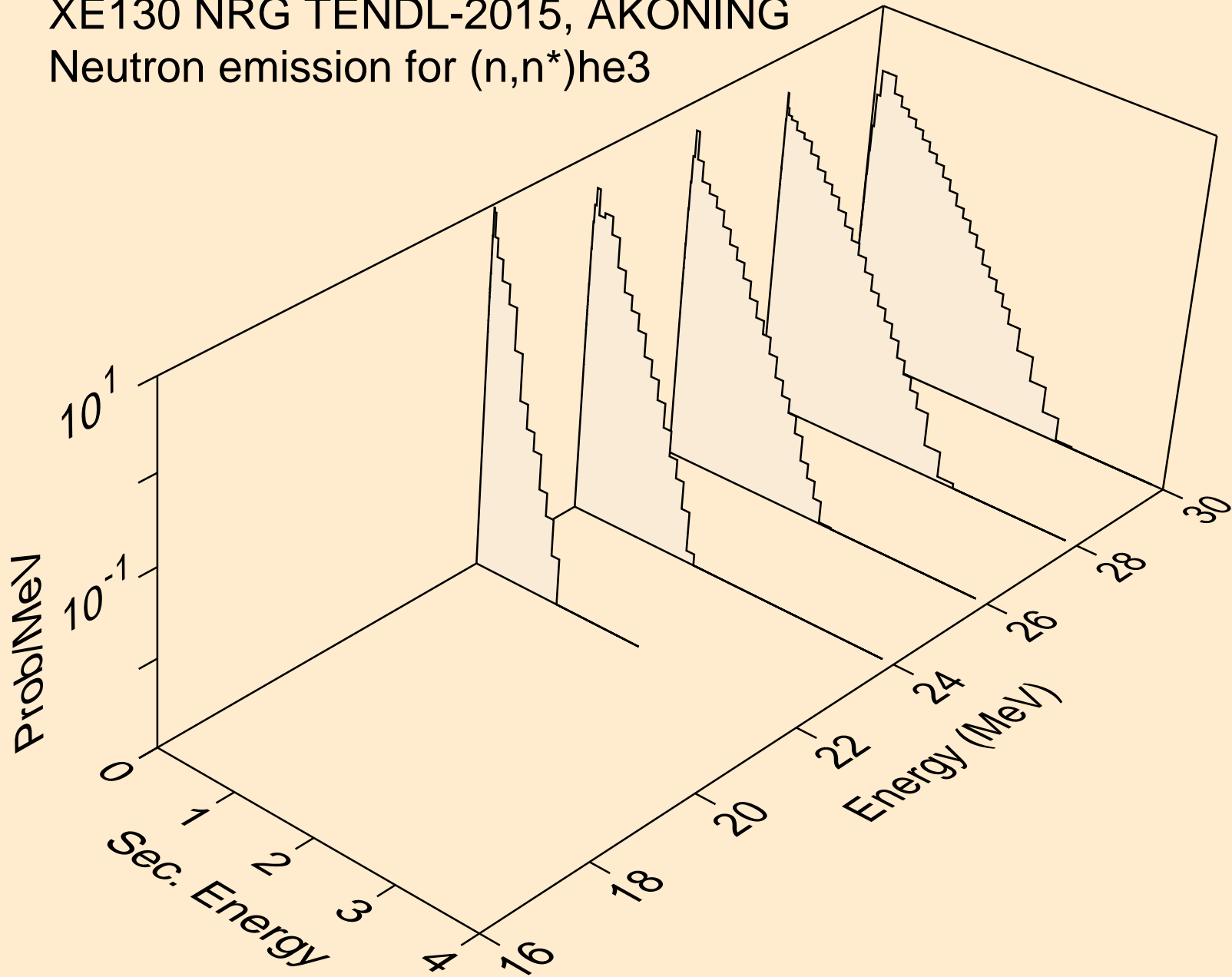
XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



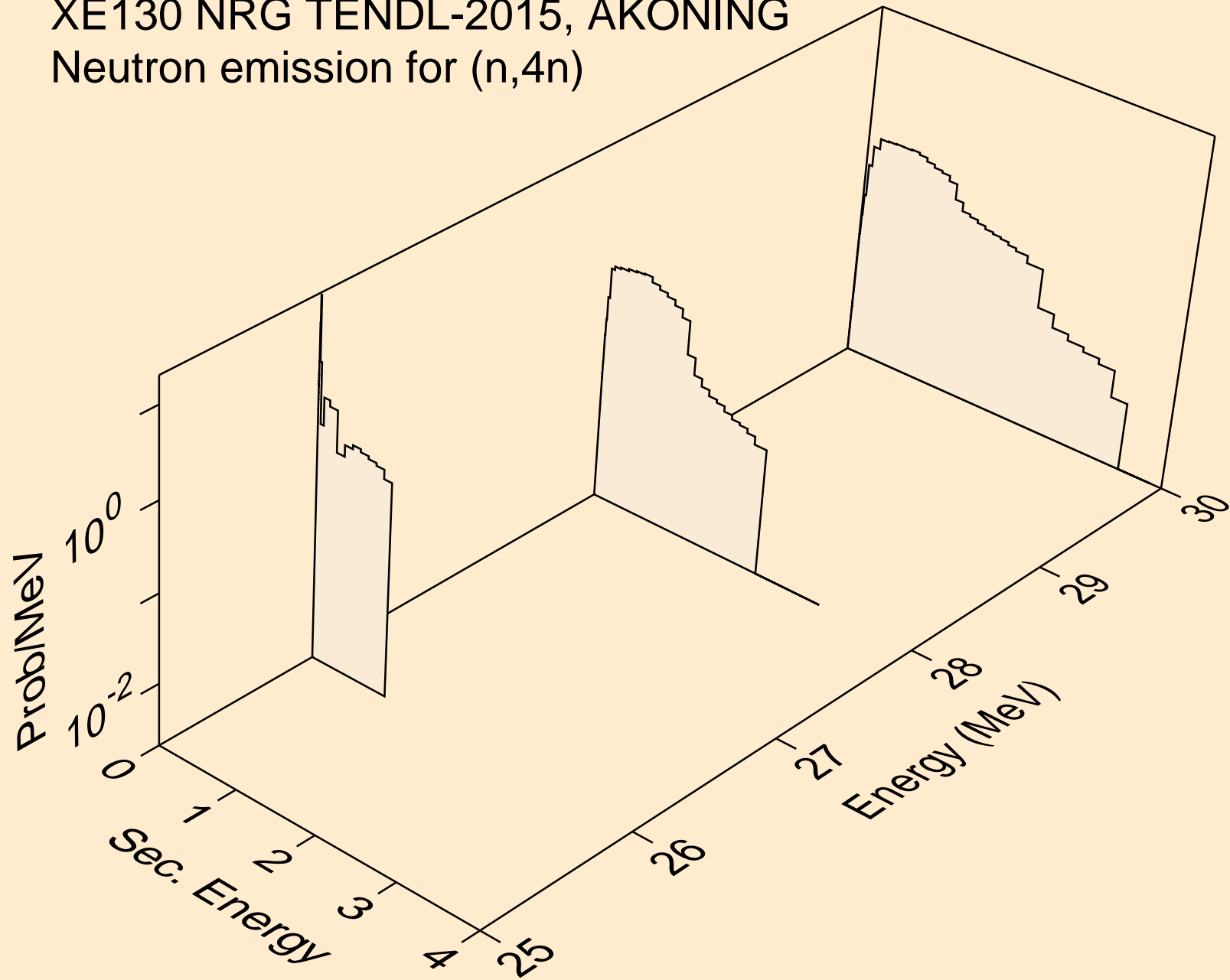
XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



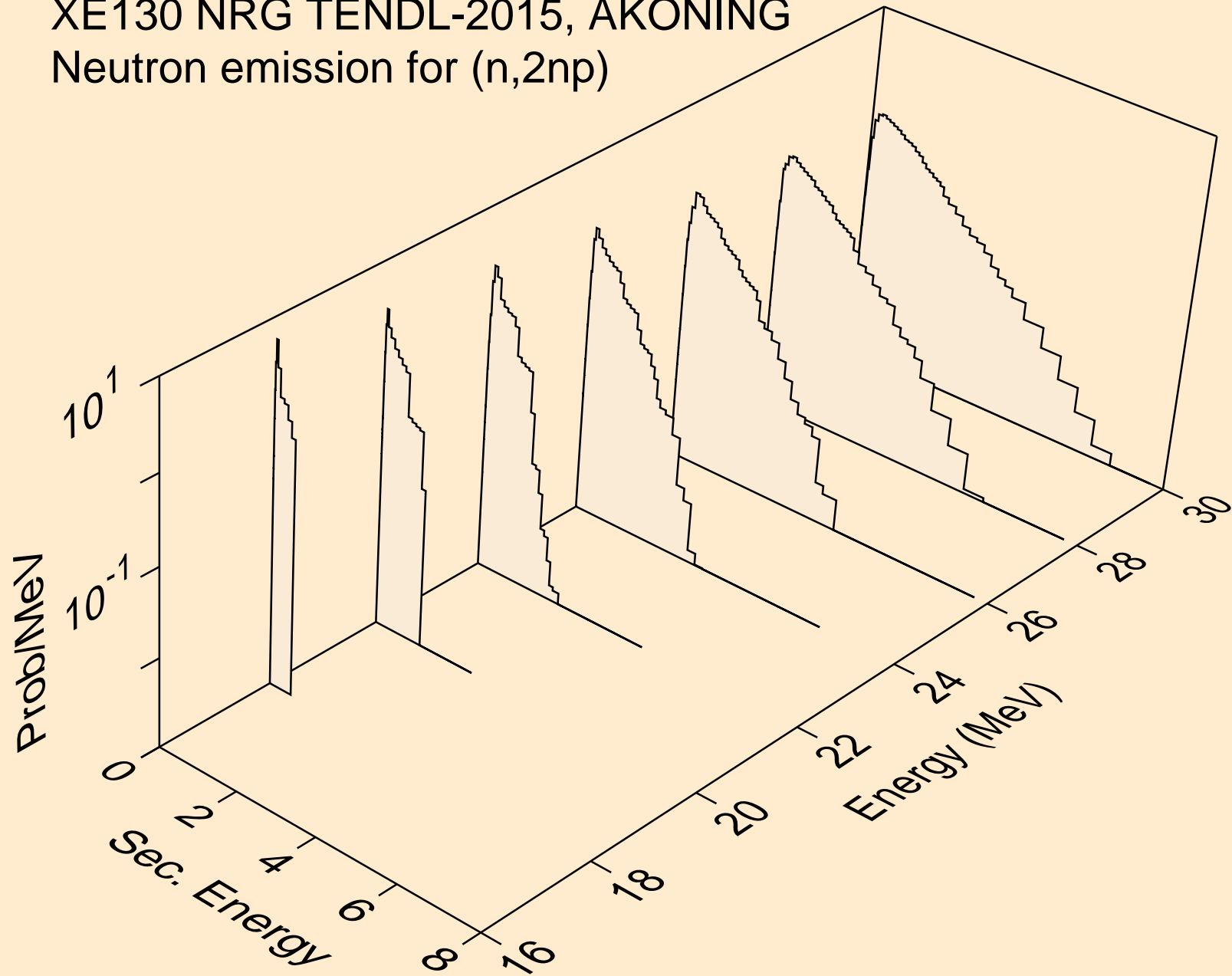
XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



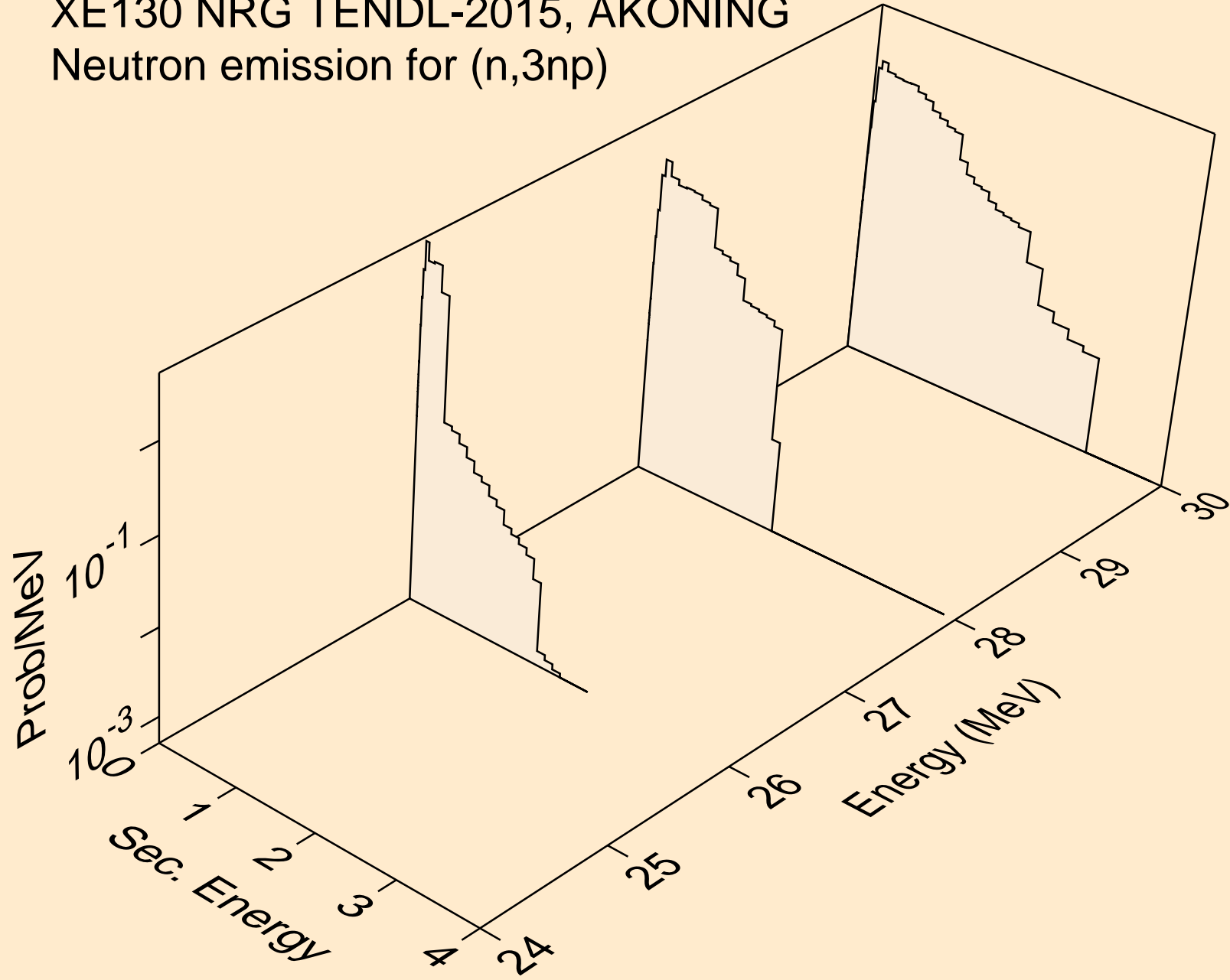
XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



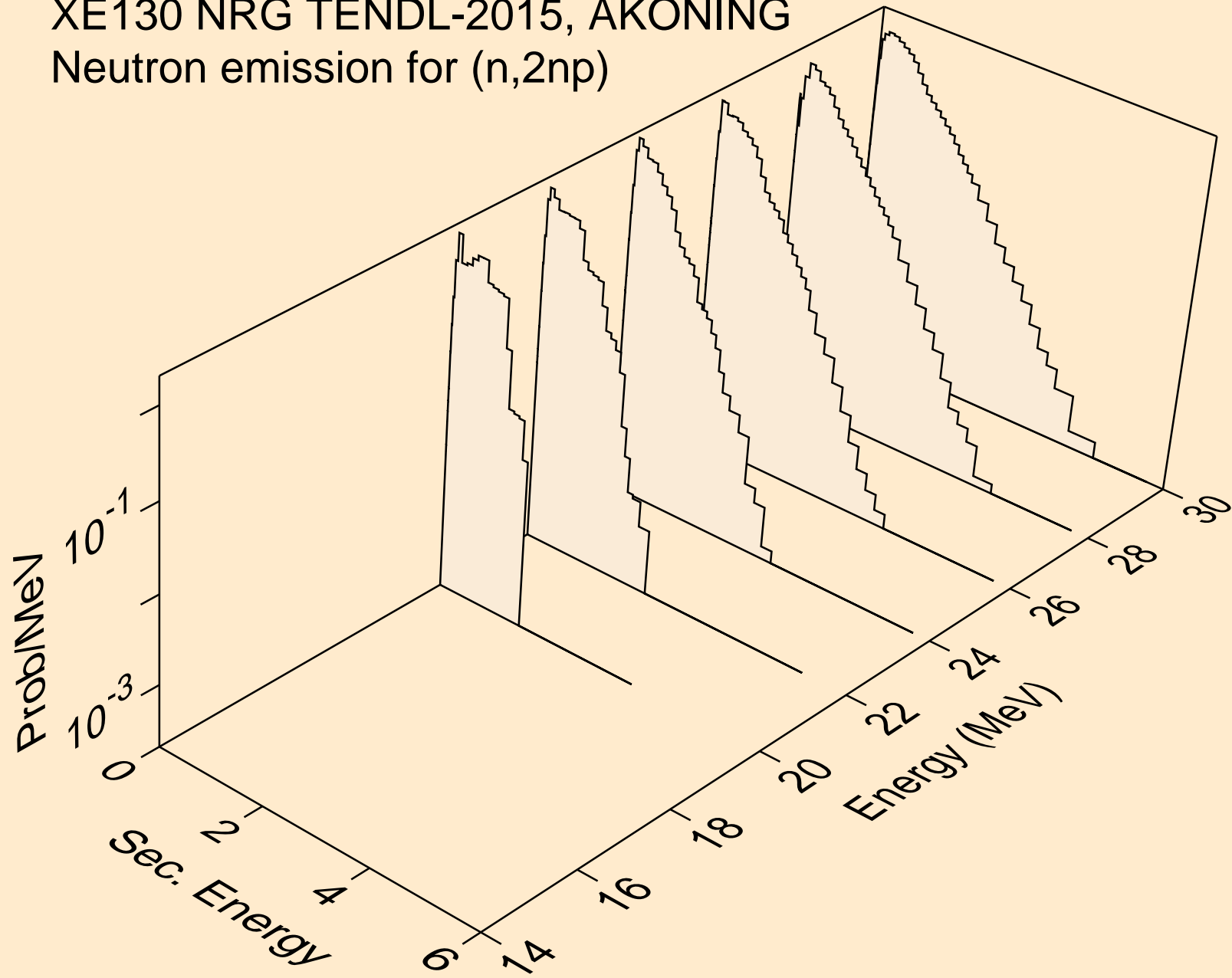
XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



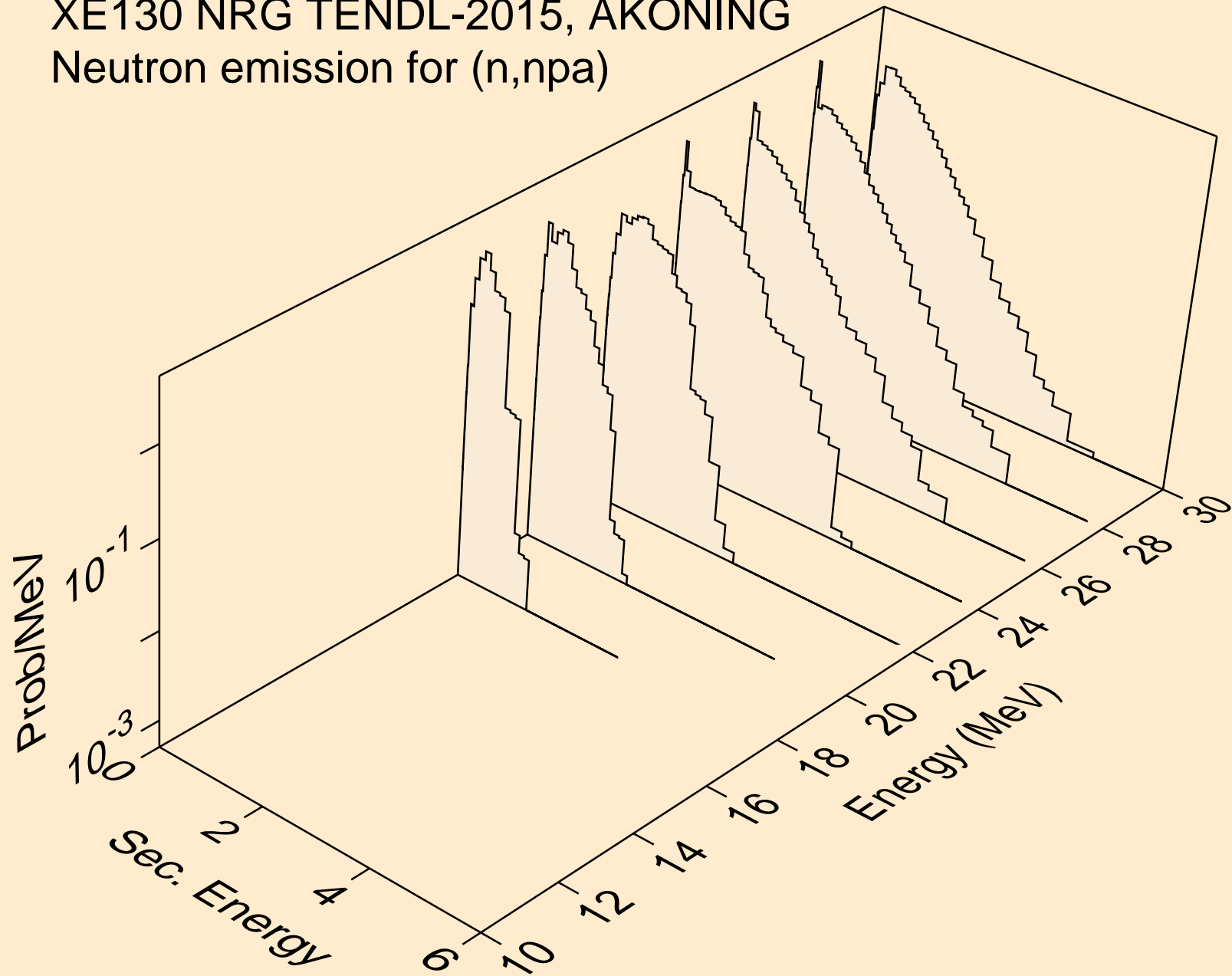
XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

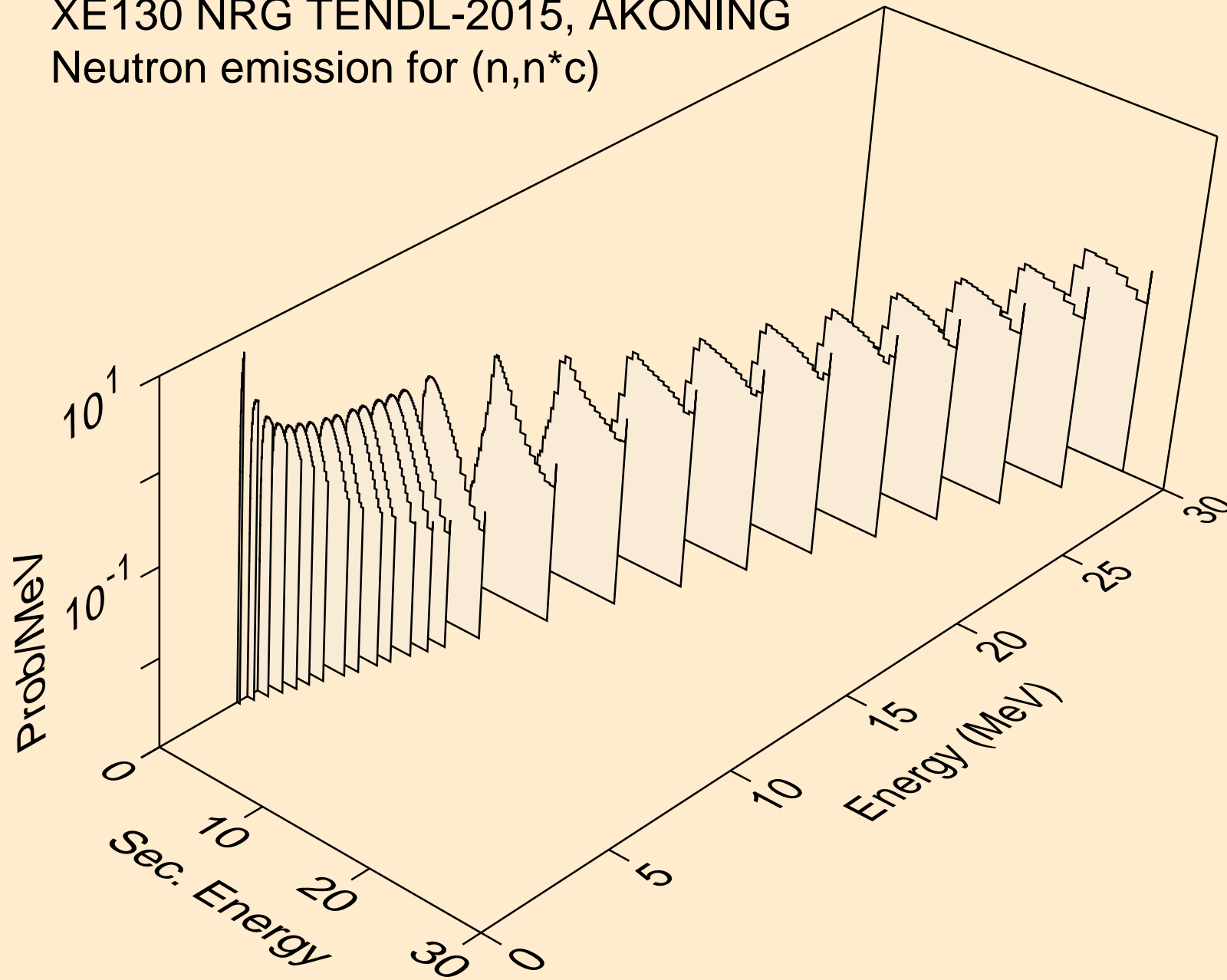


XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

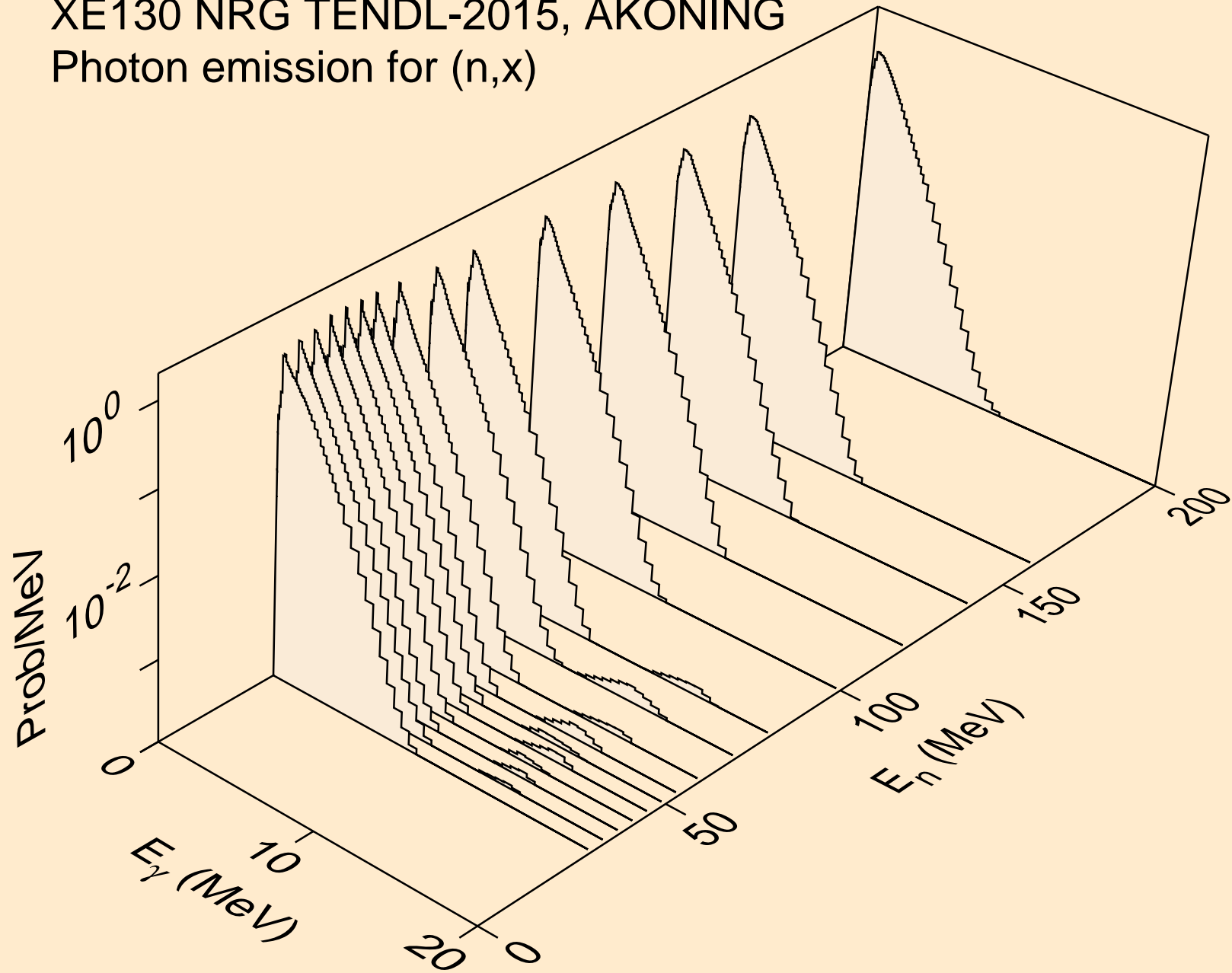




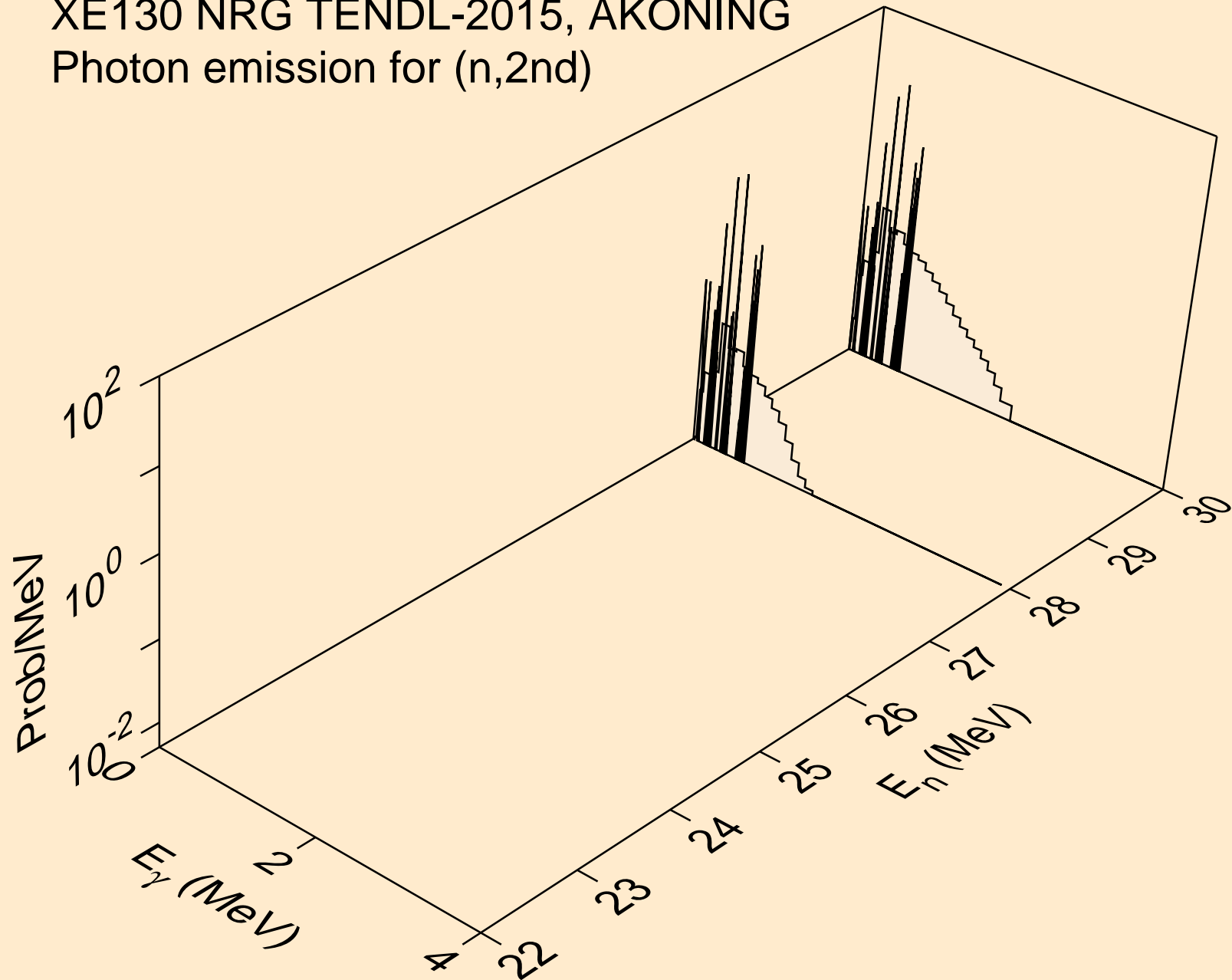
XE130 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



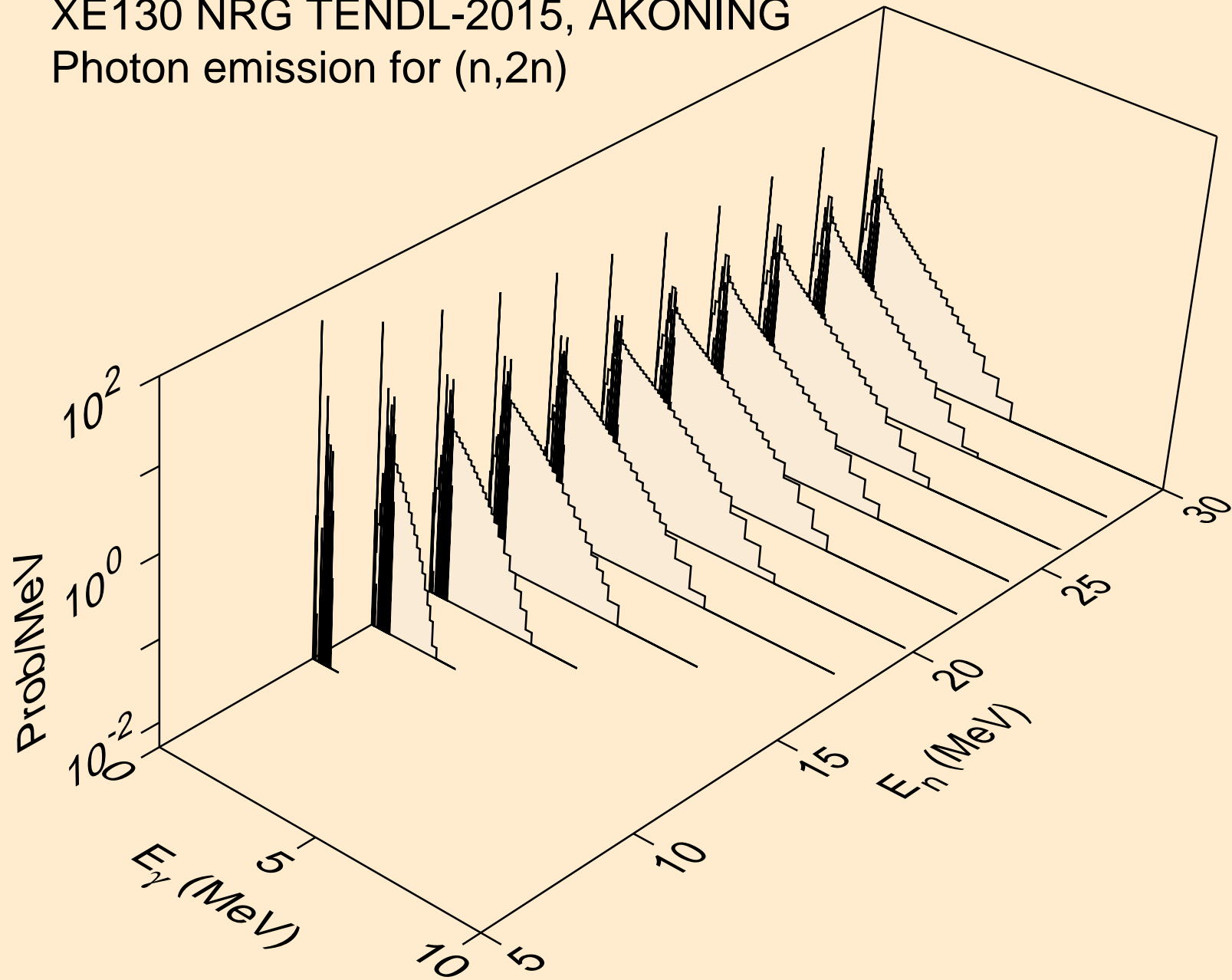
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



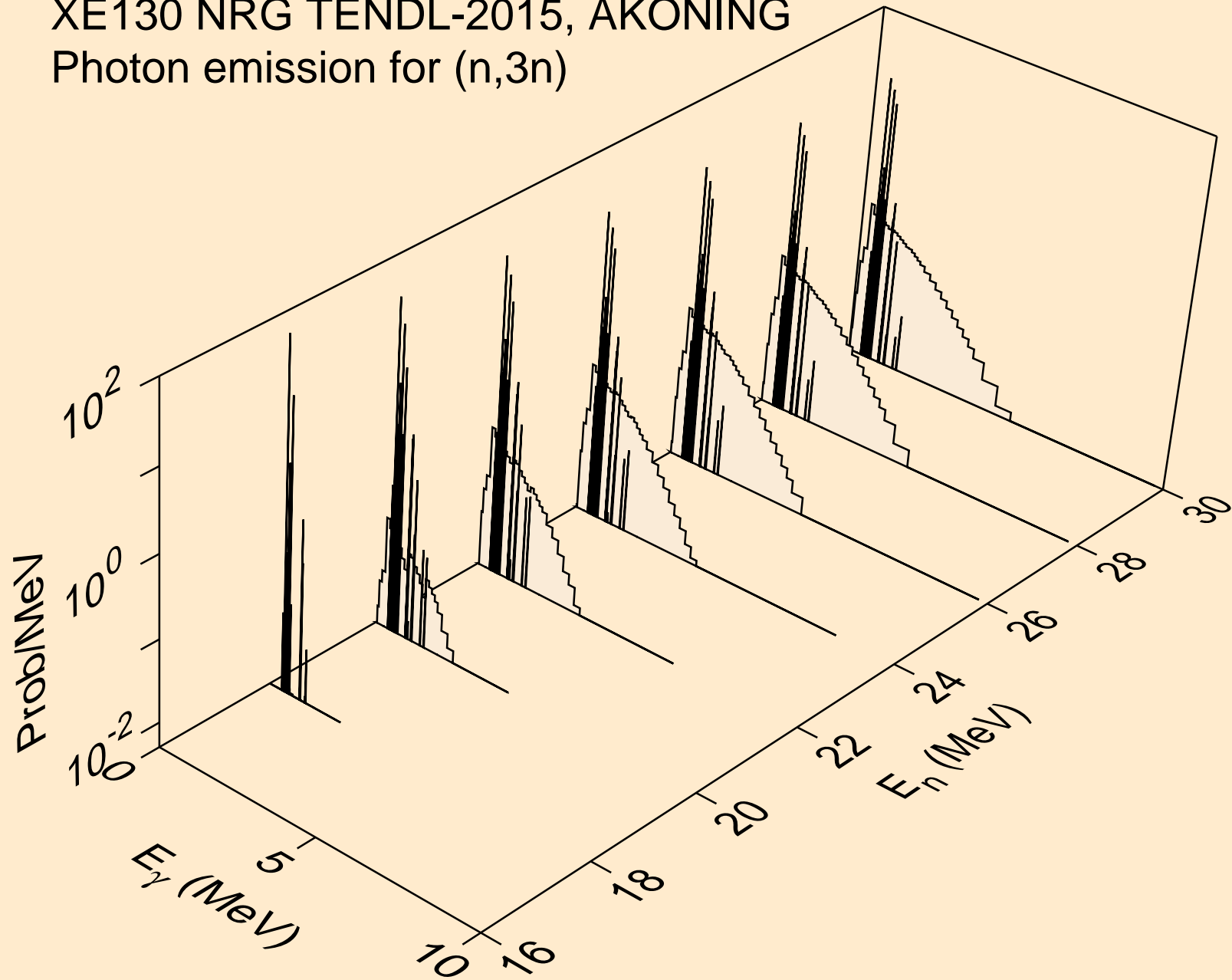
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



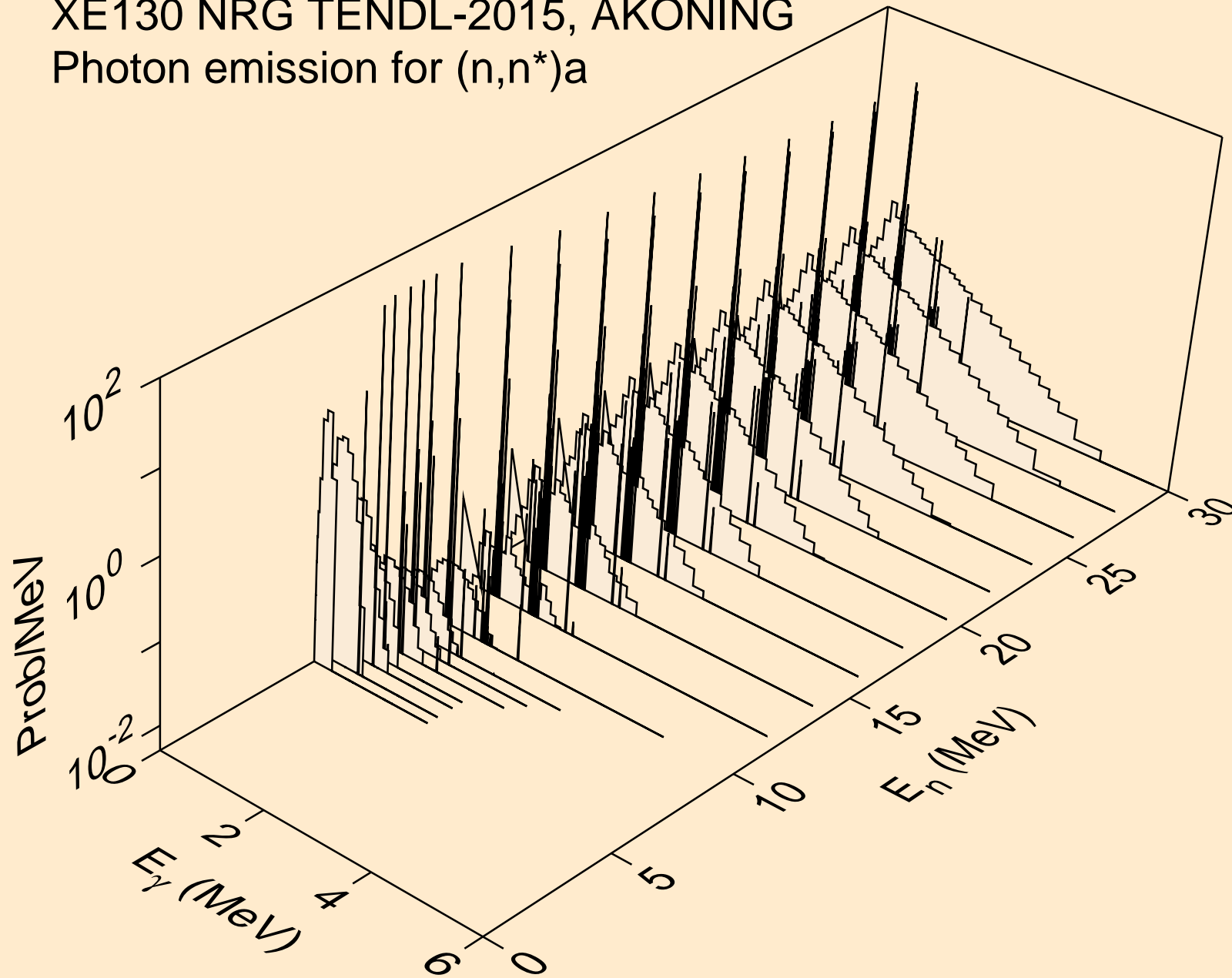
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



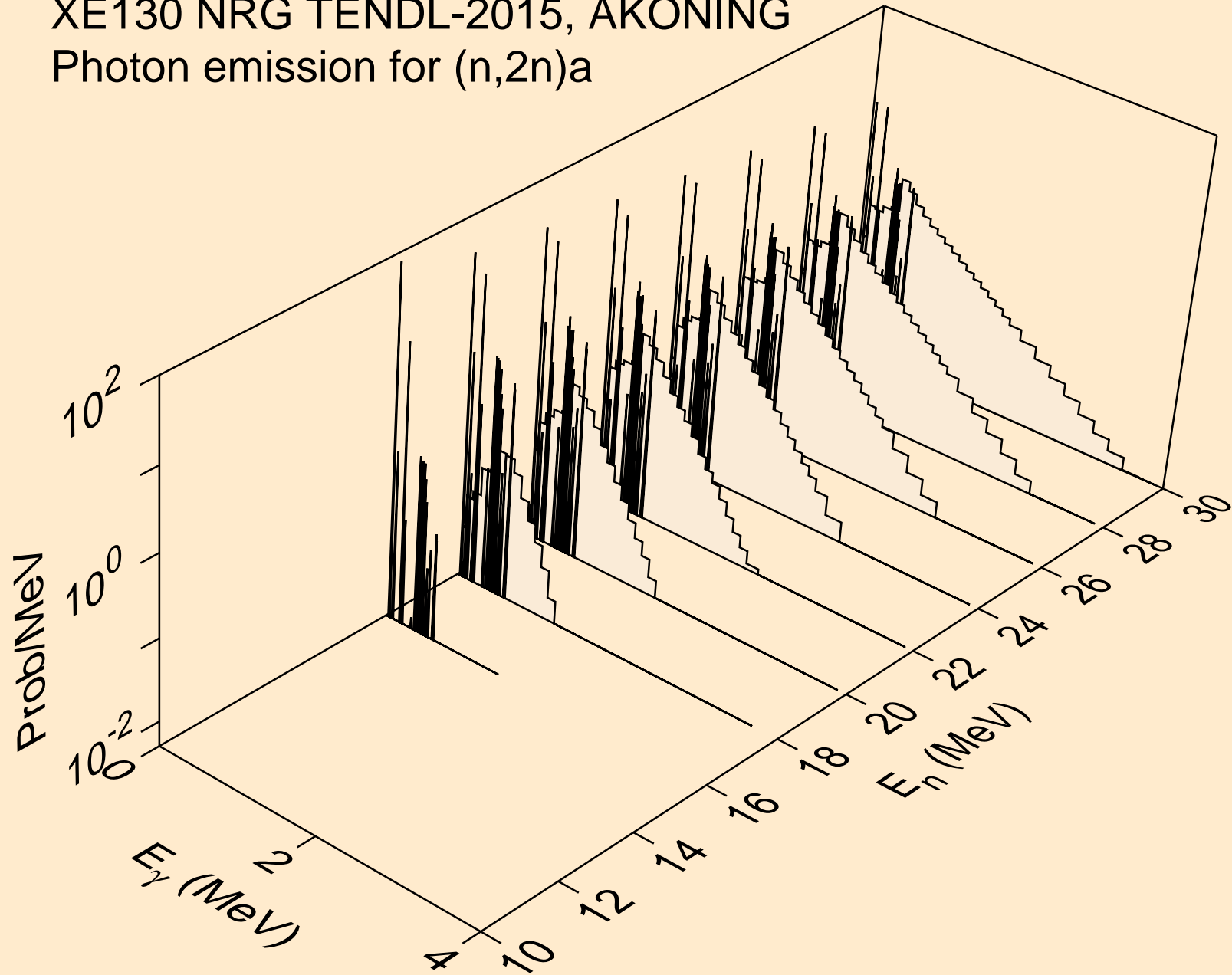
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



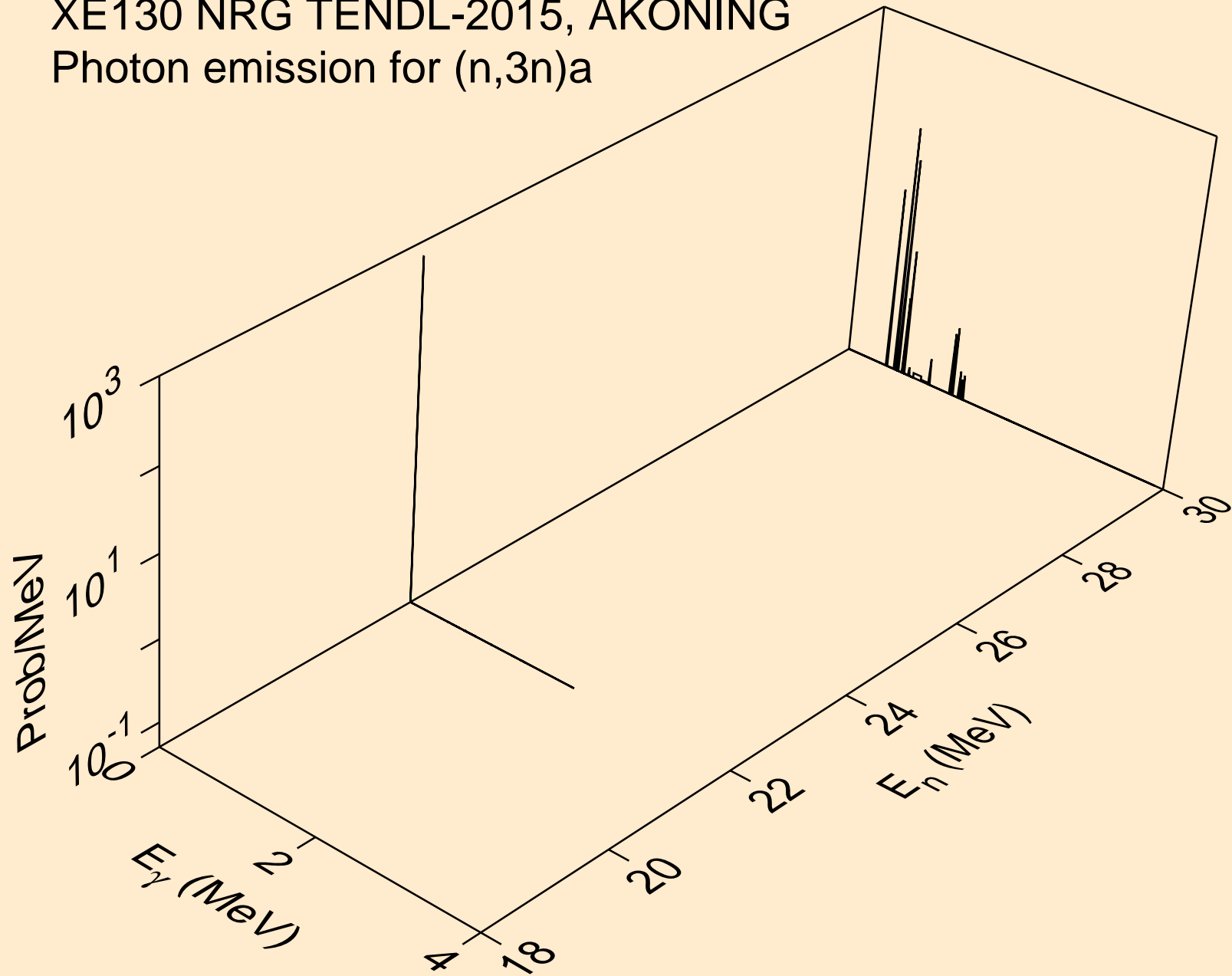
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

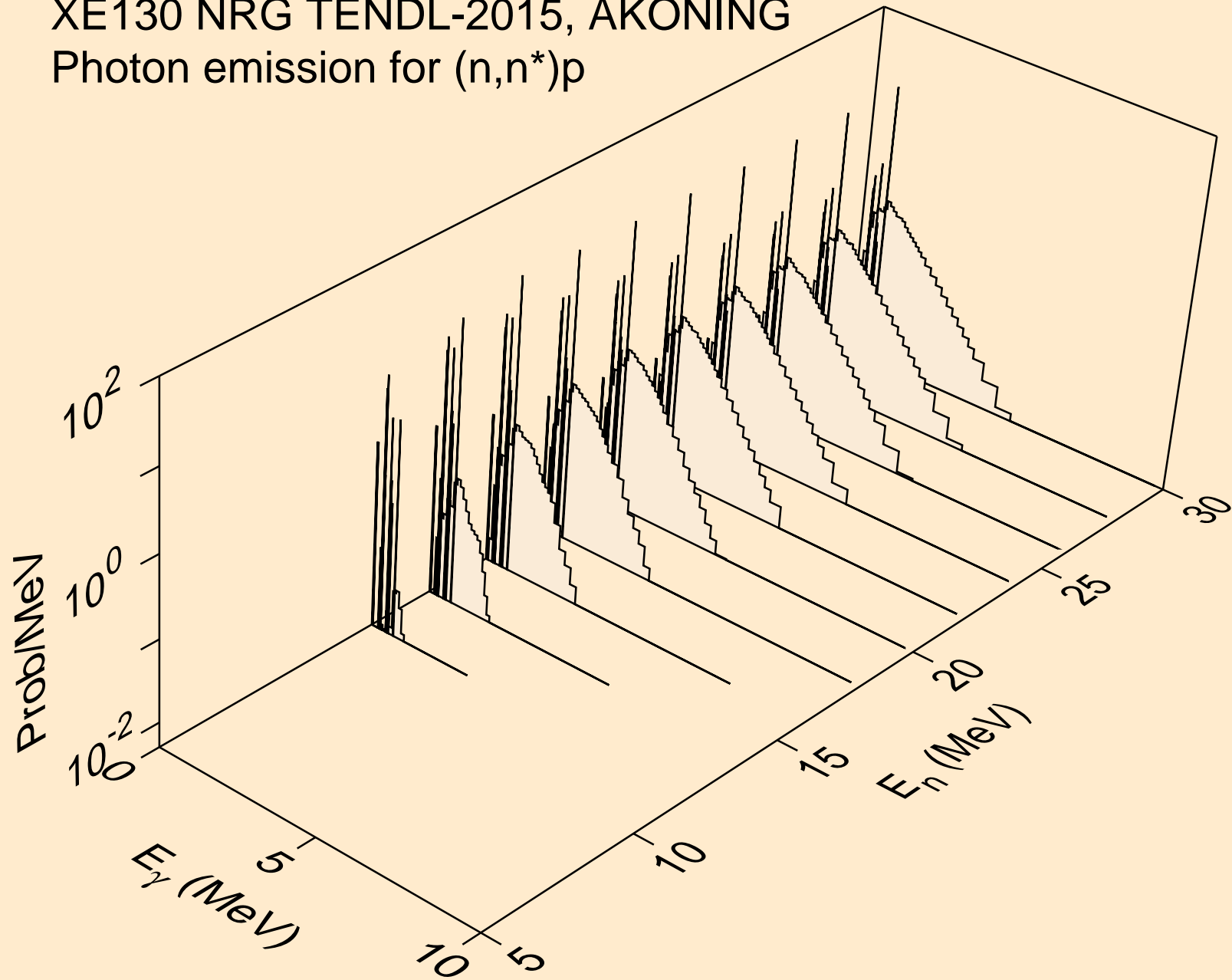


XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

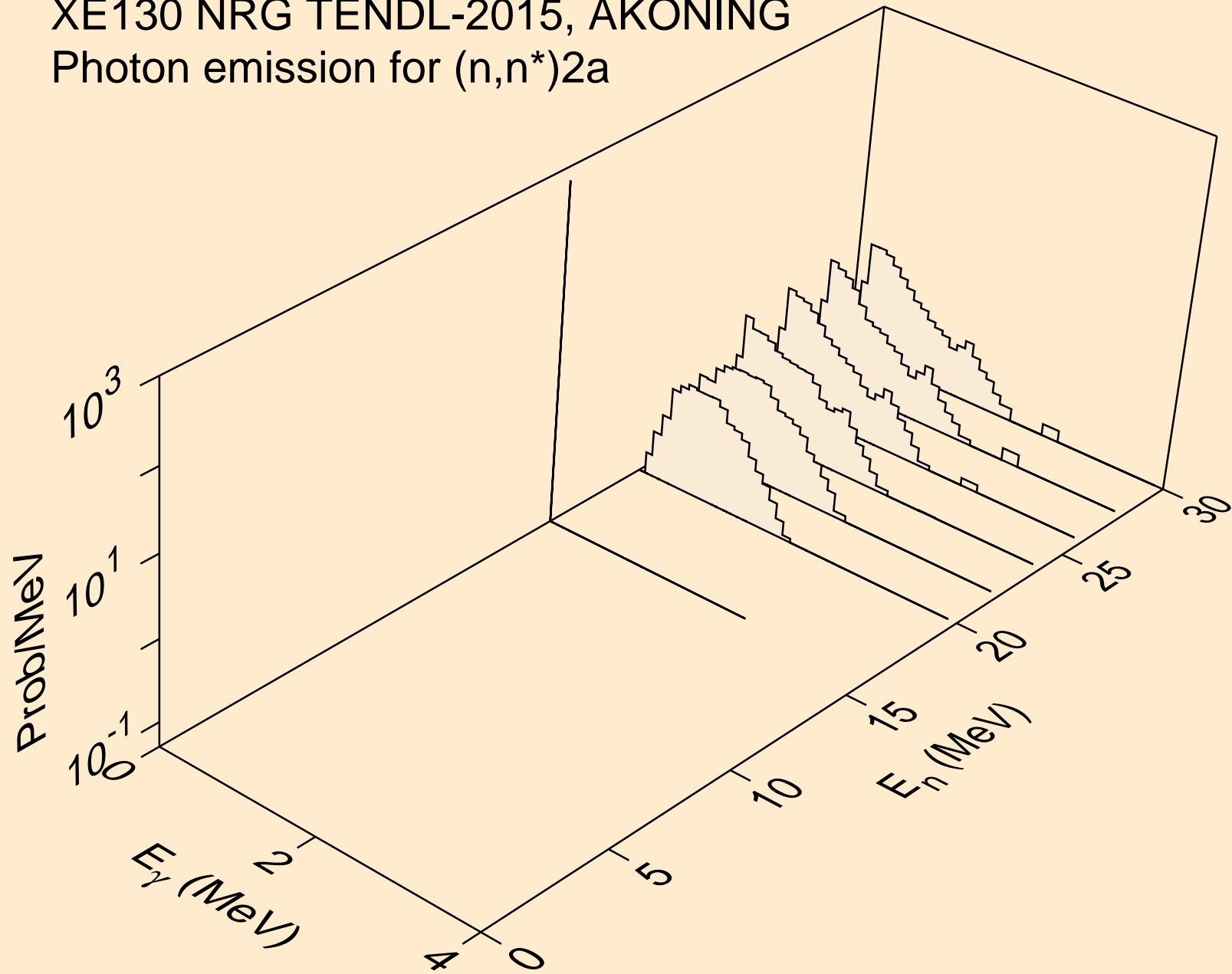




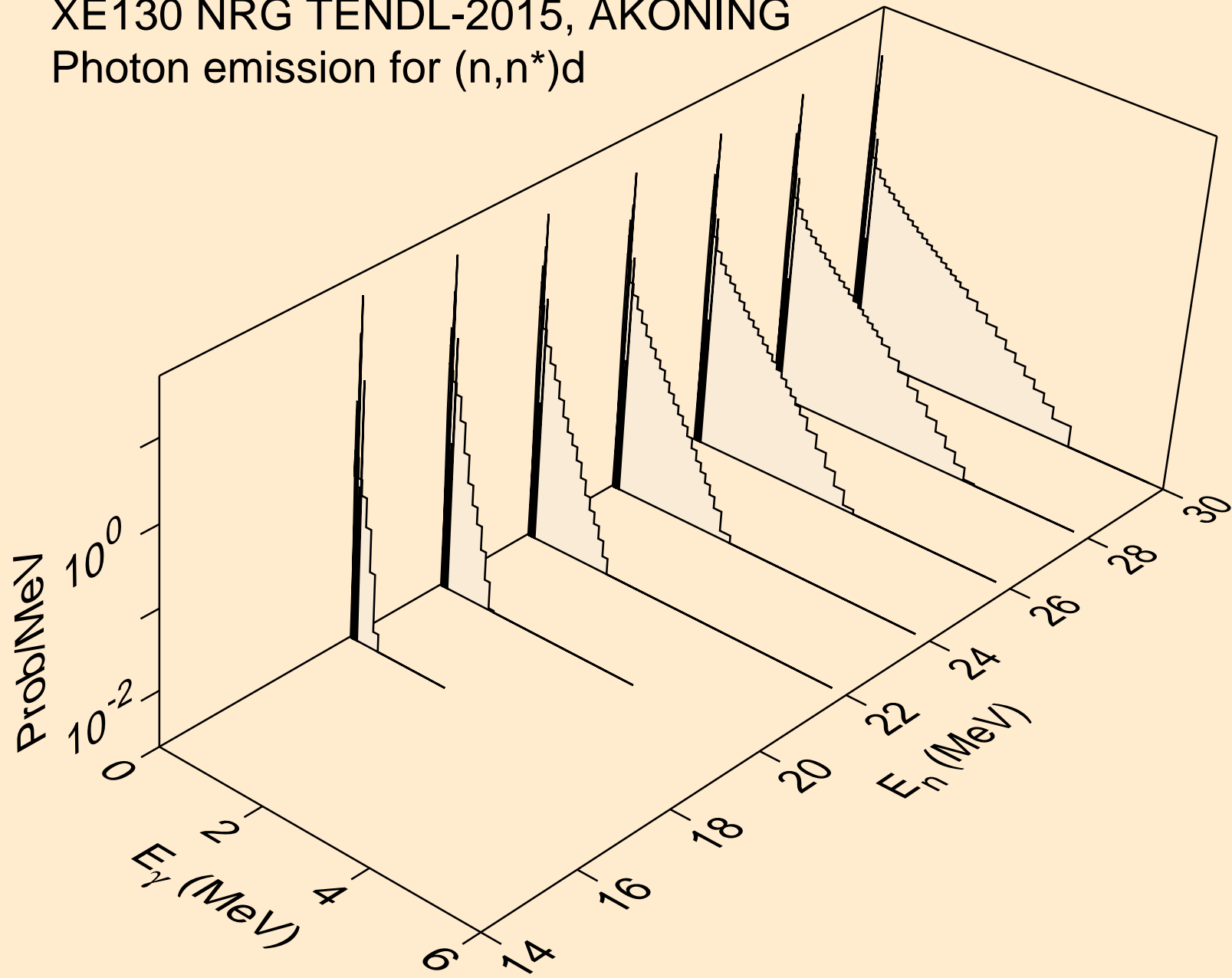
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



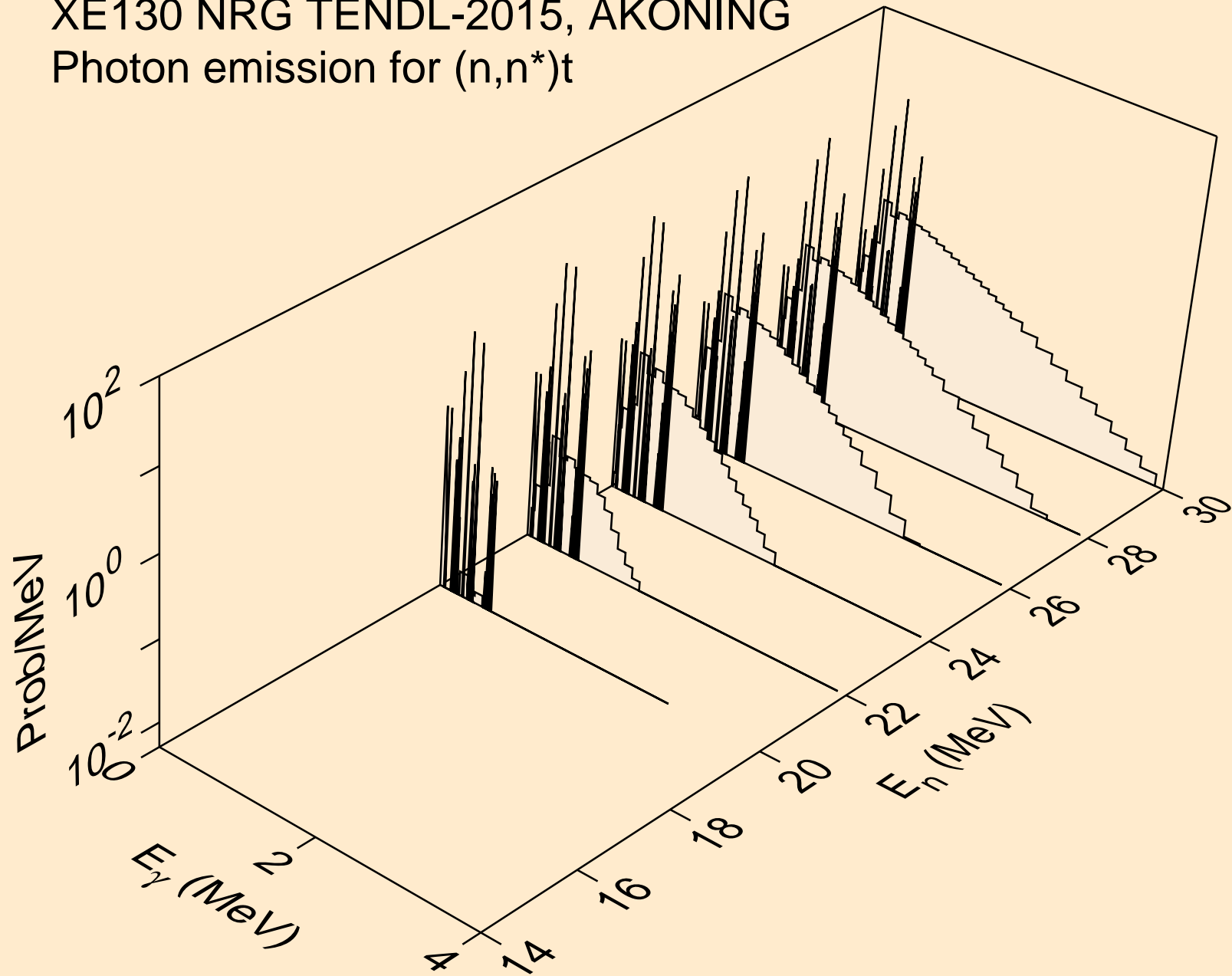
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



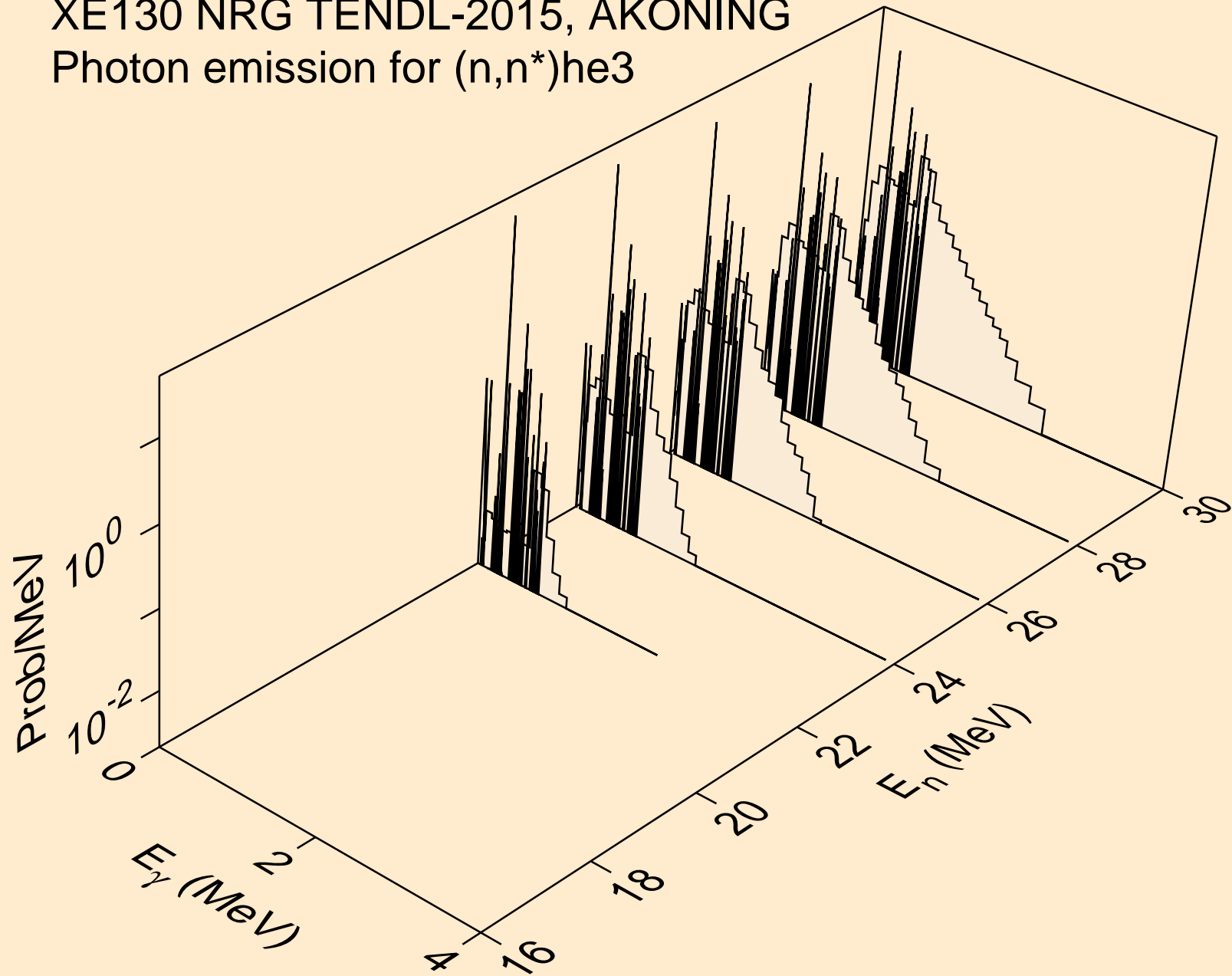
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



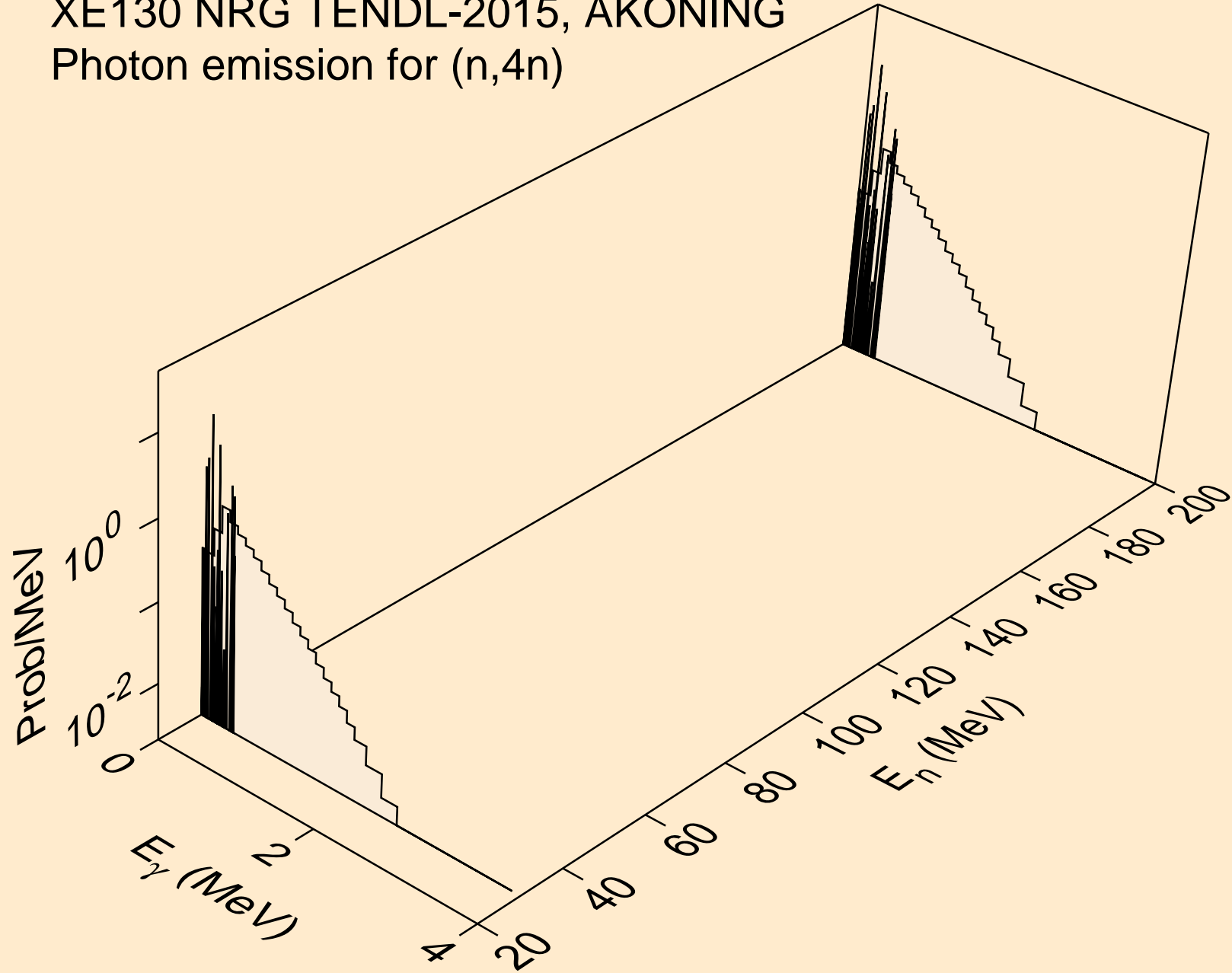
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



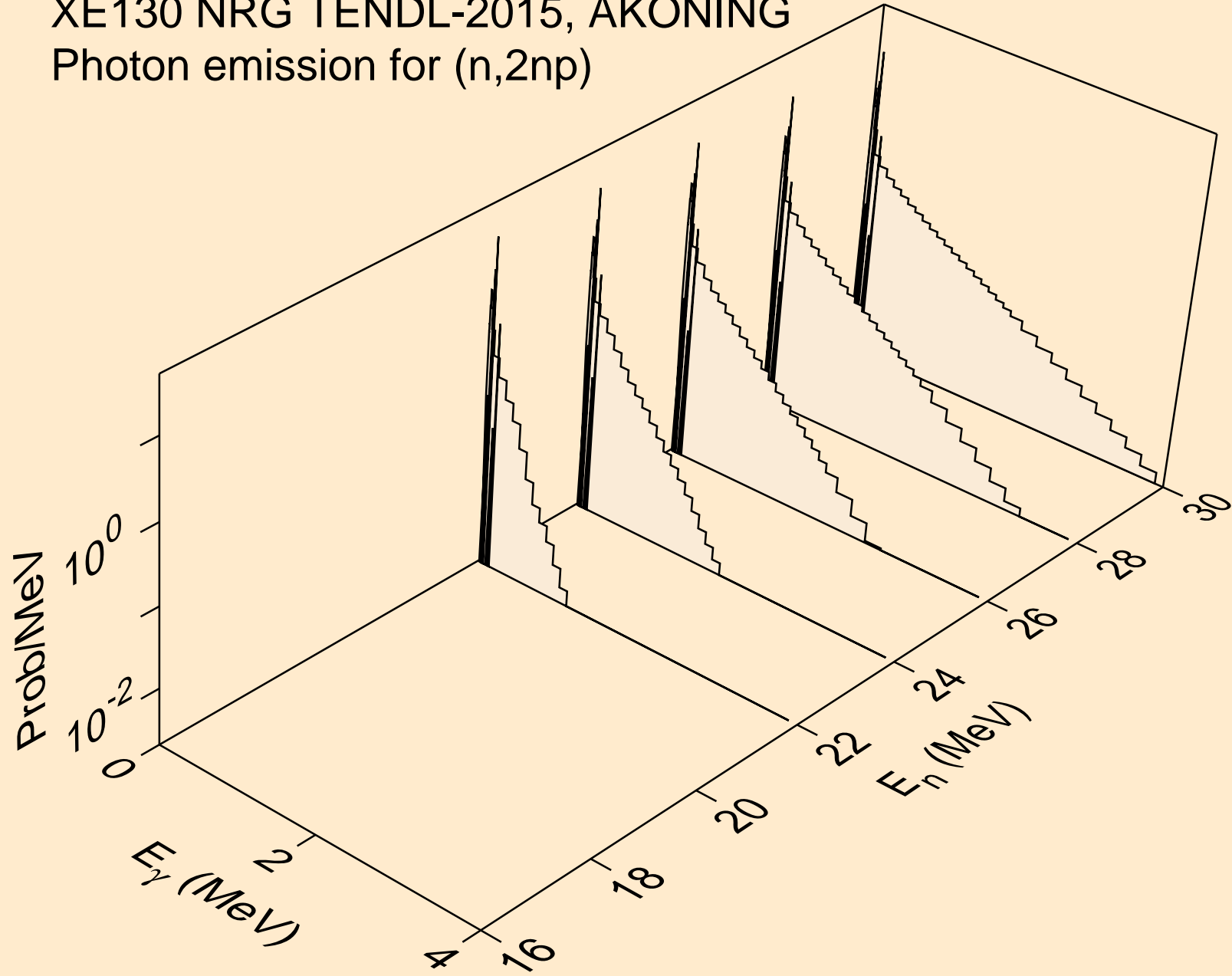
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



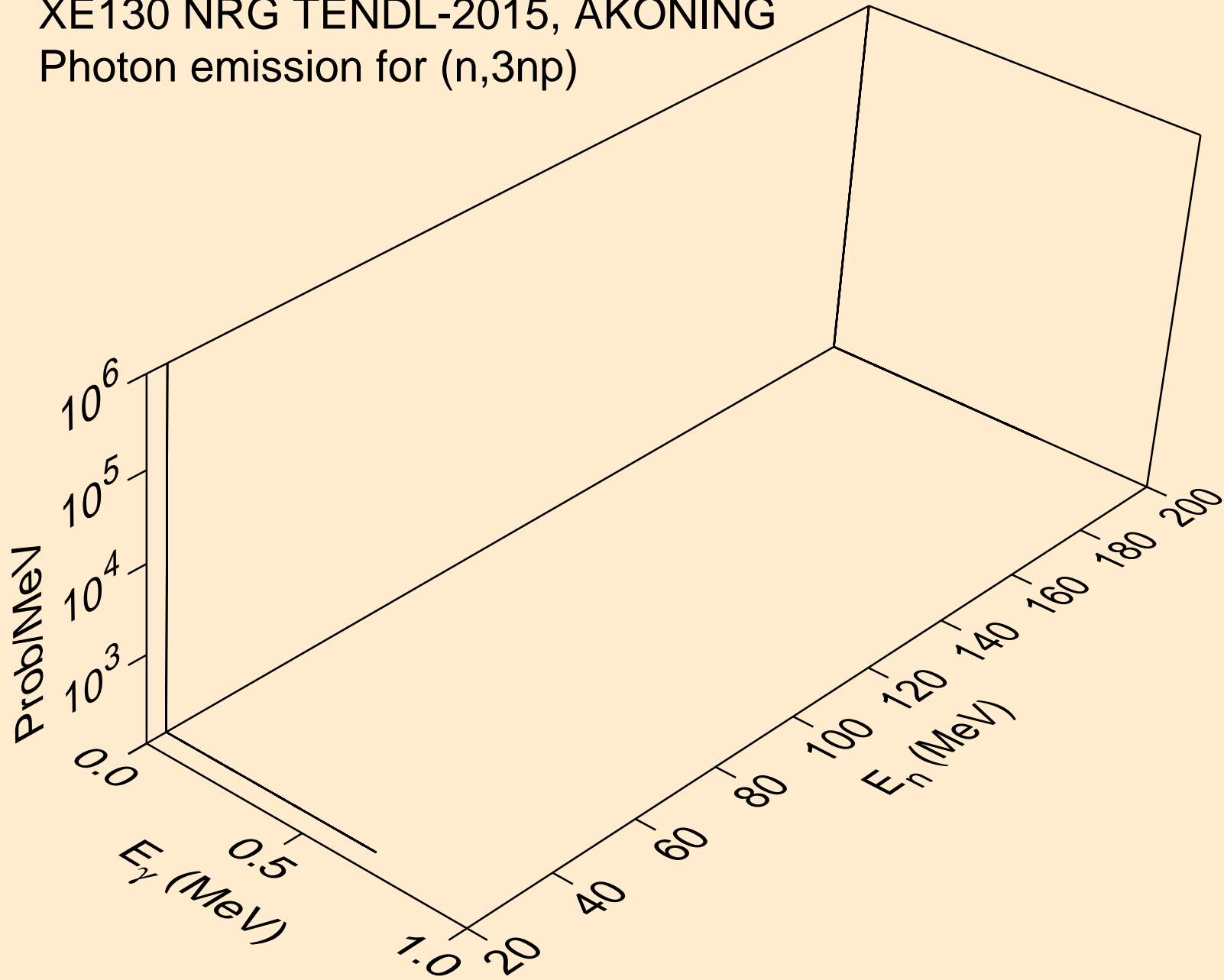
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

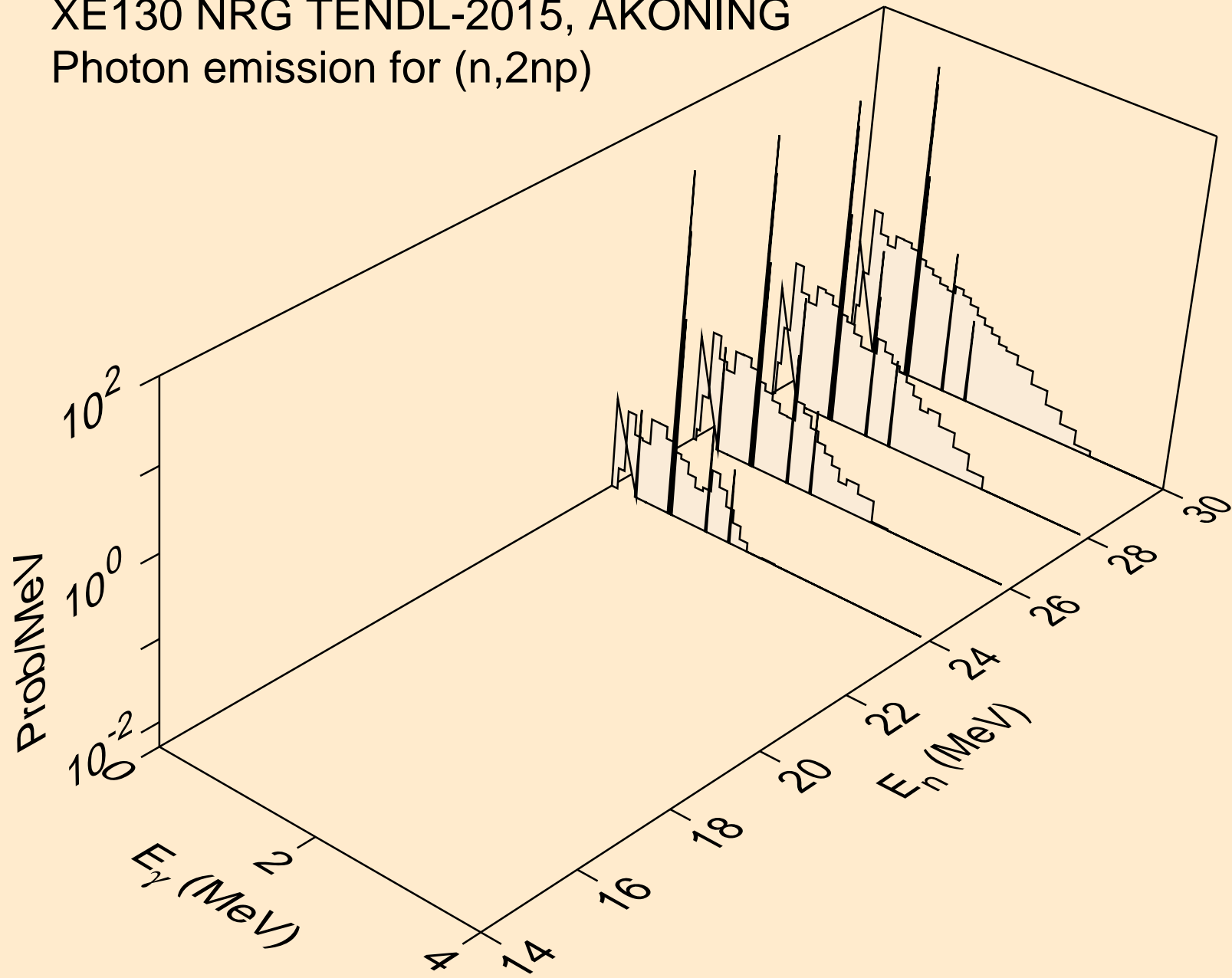


XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

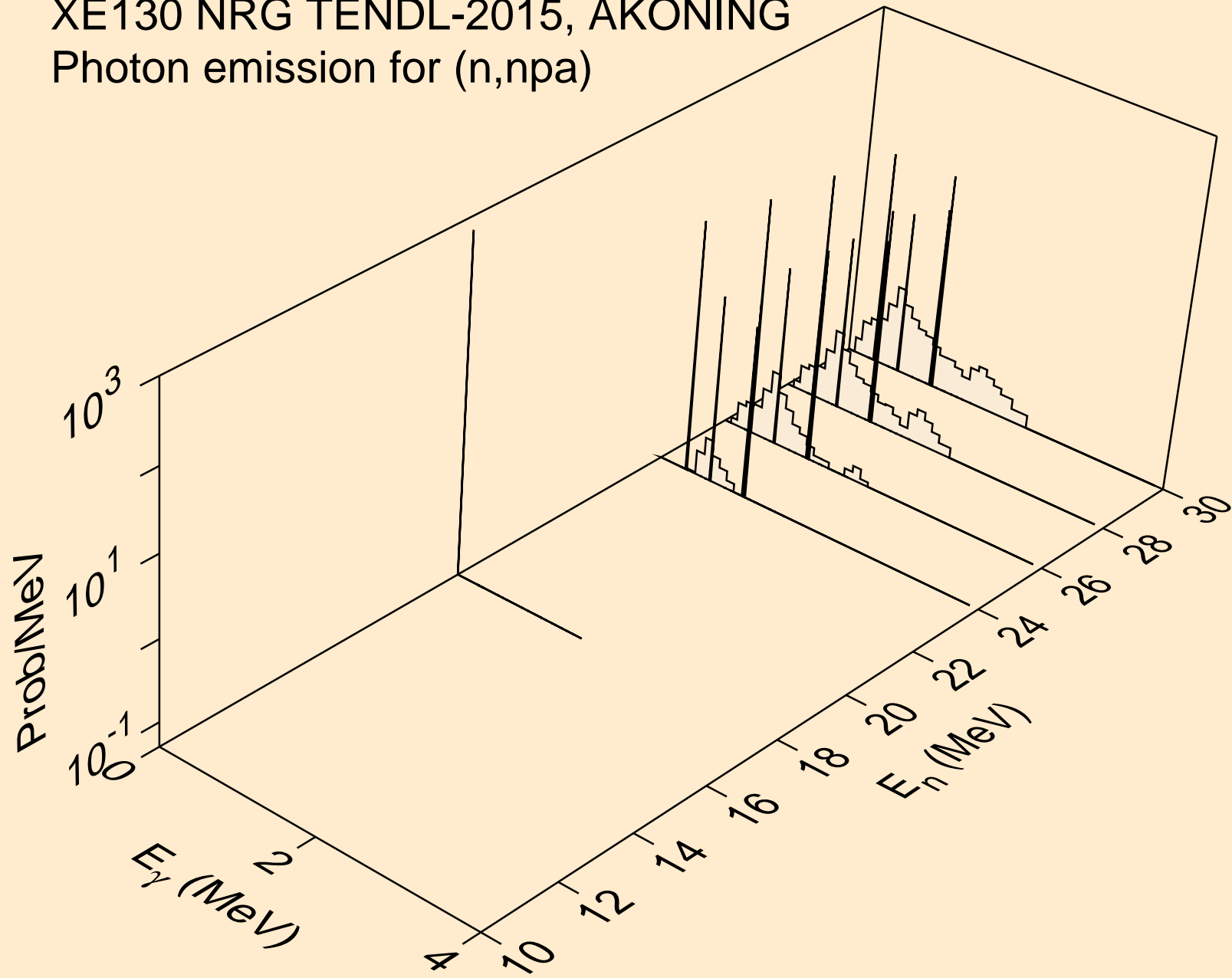




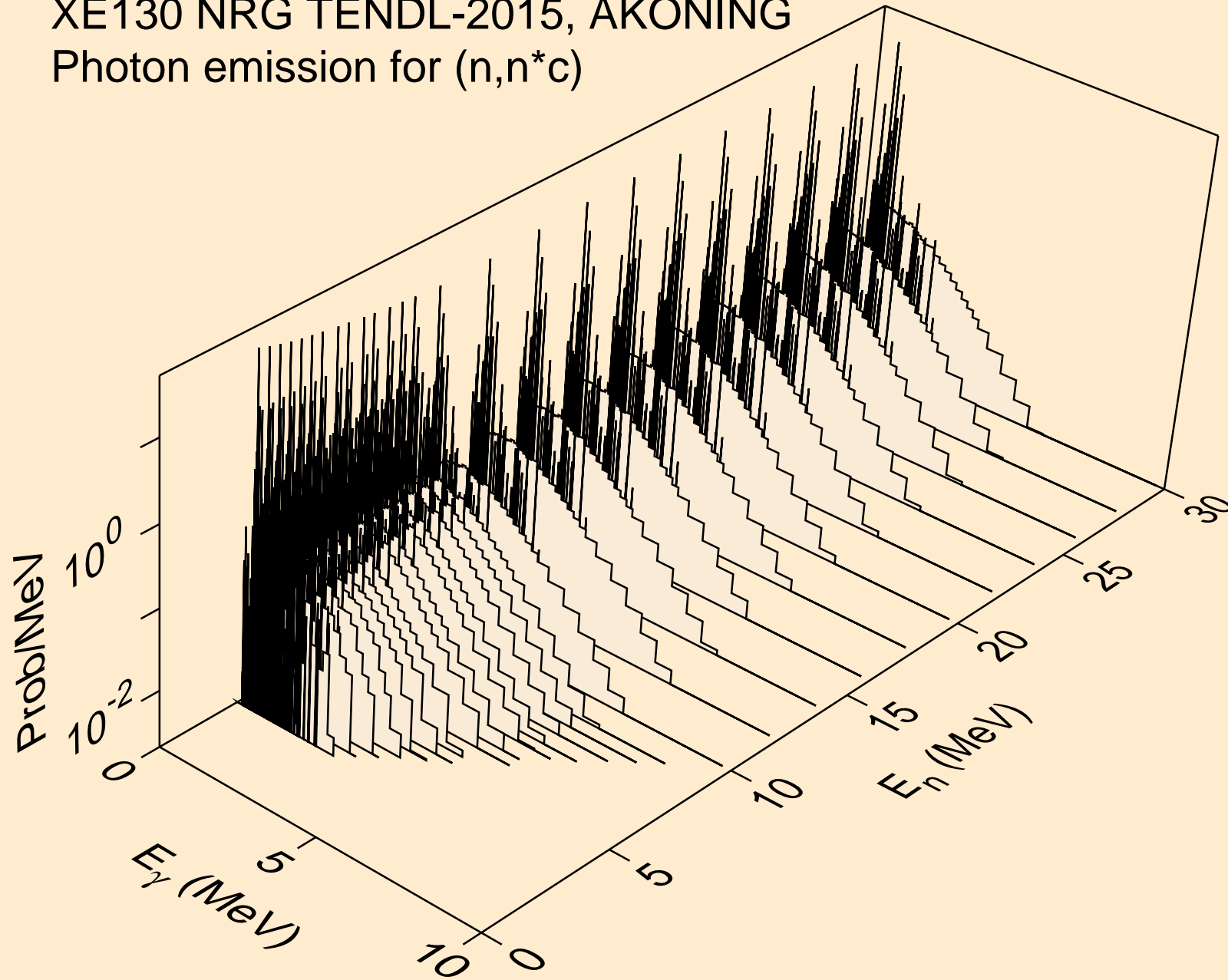
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



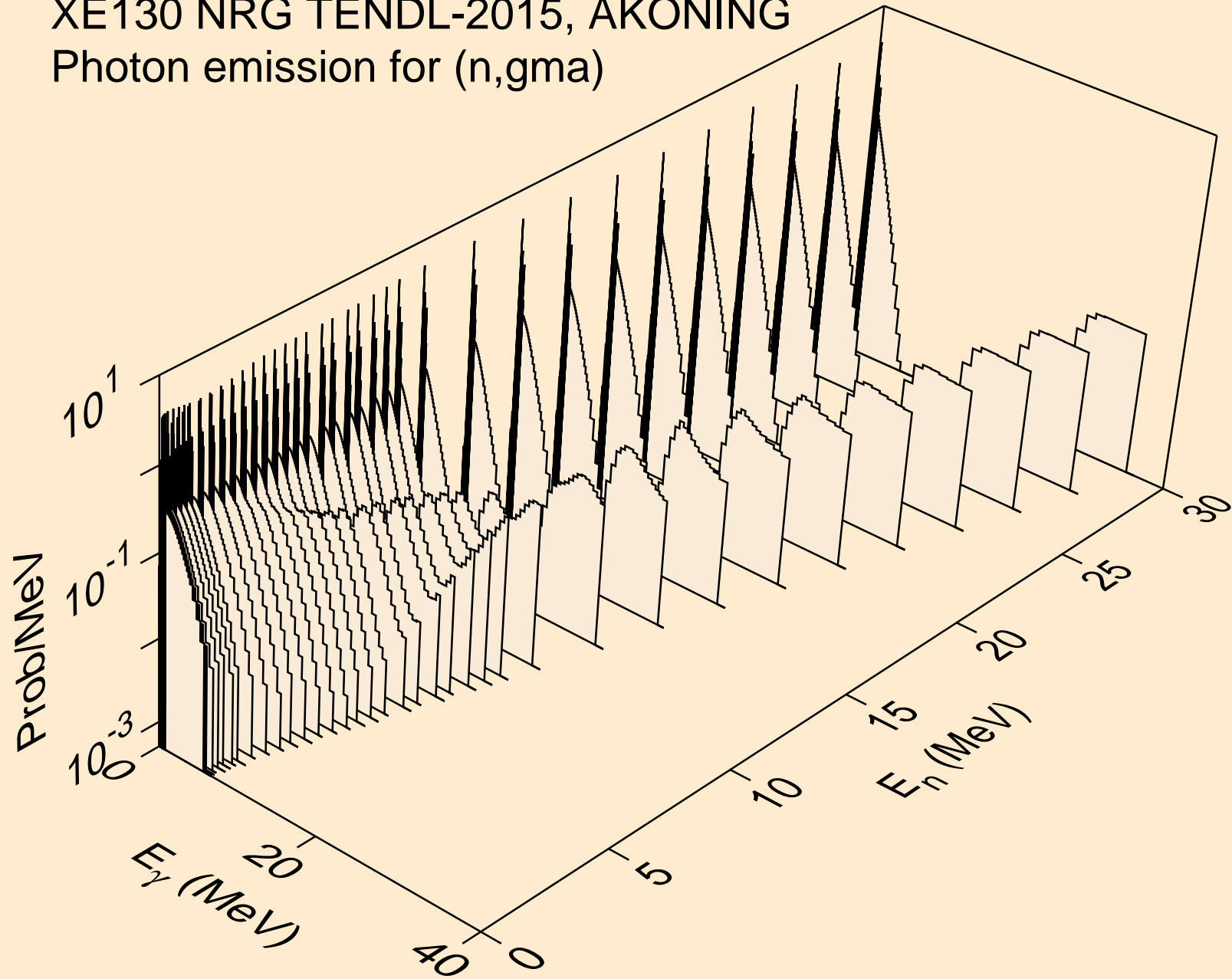
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



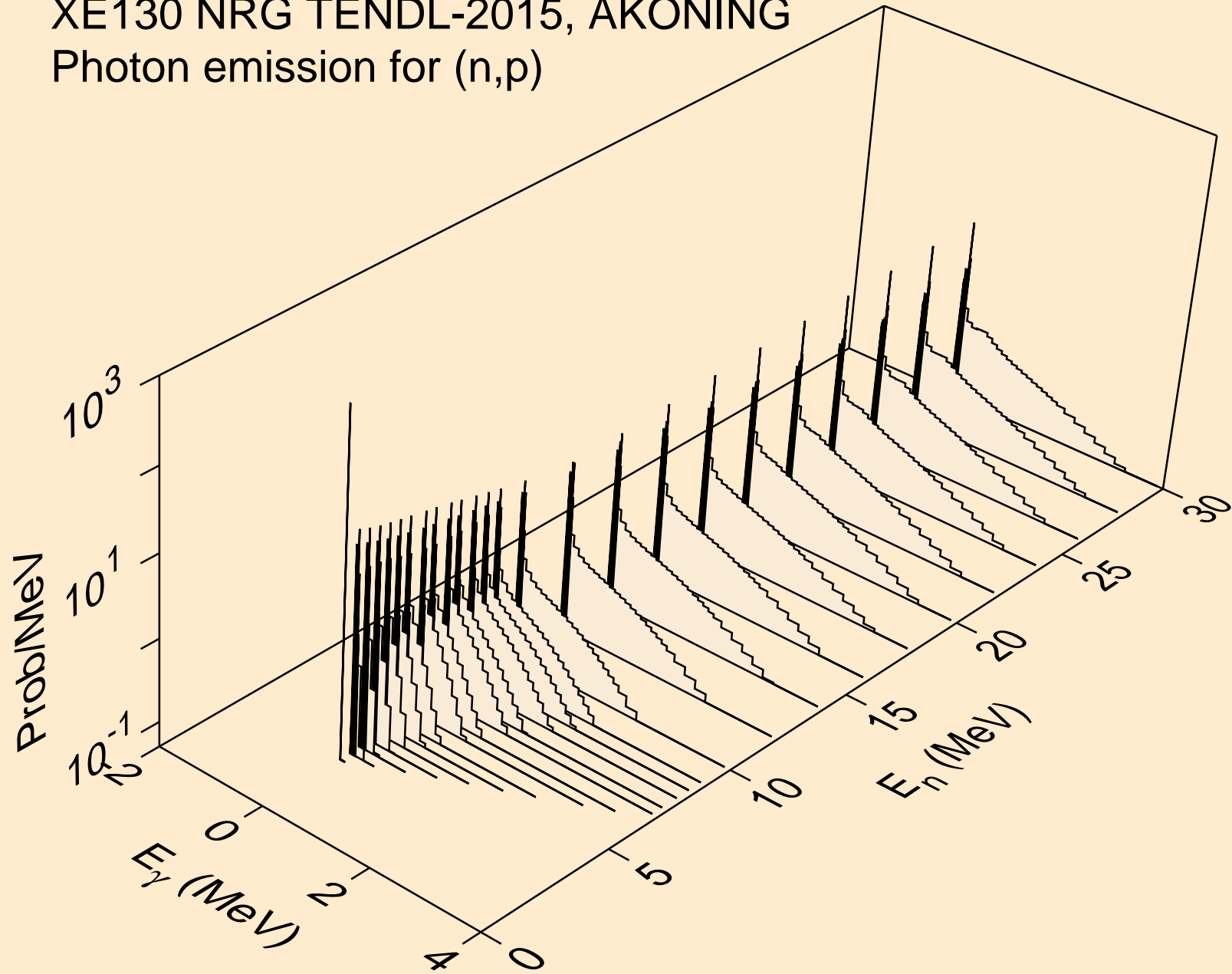
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



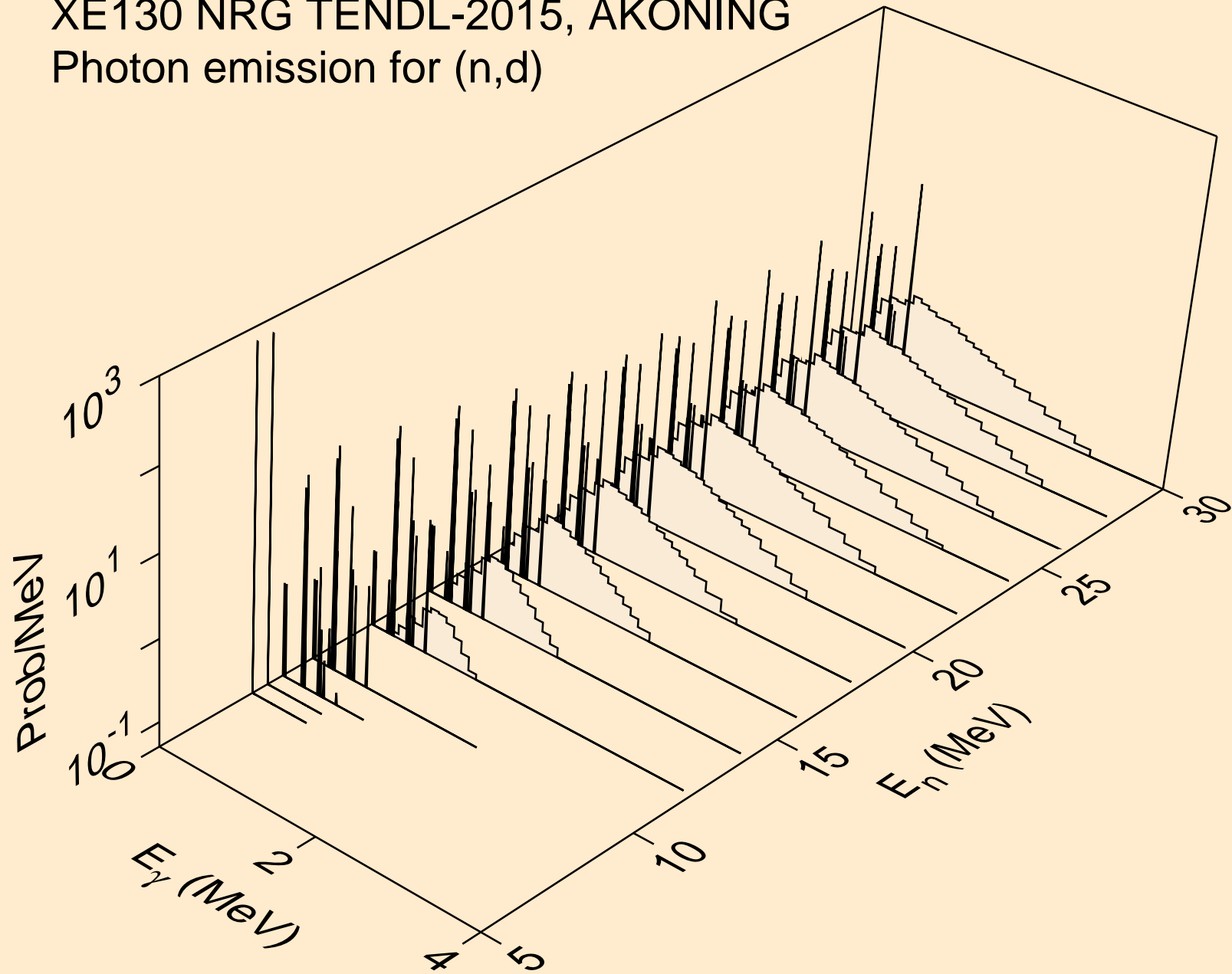
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



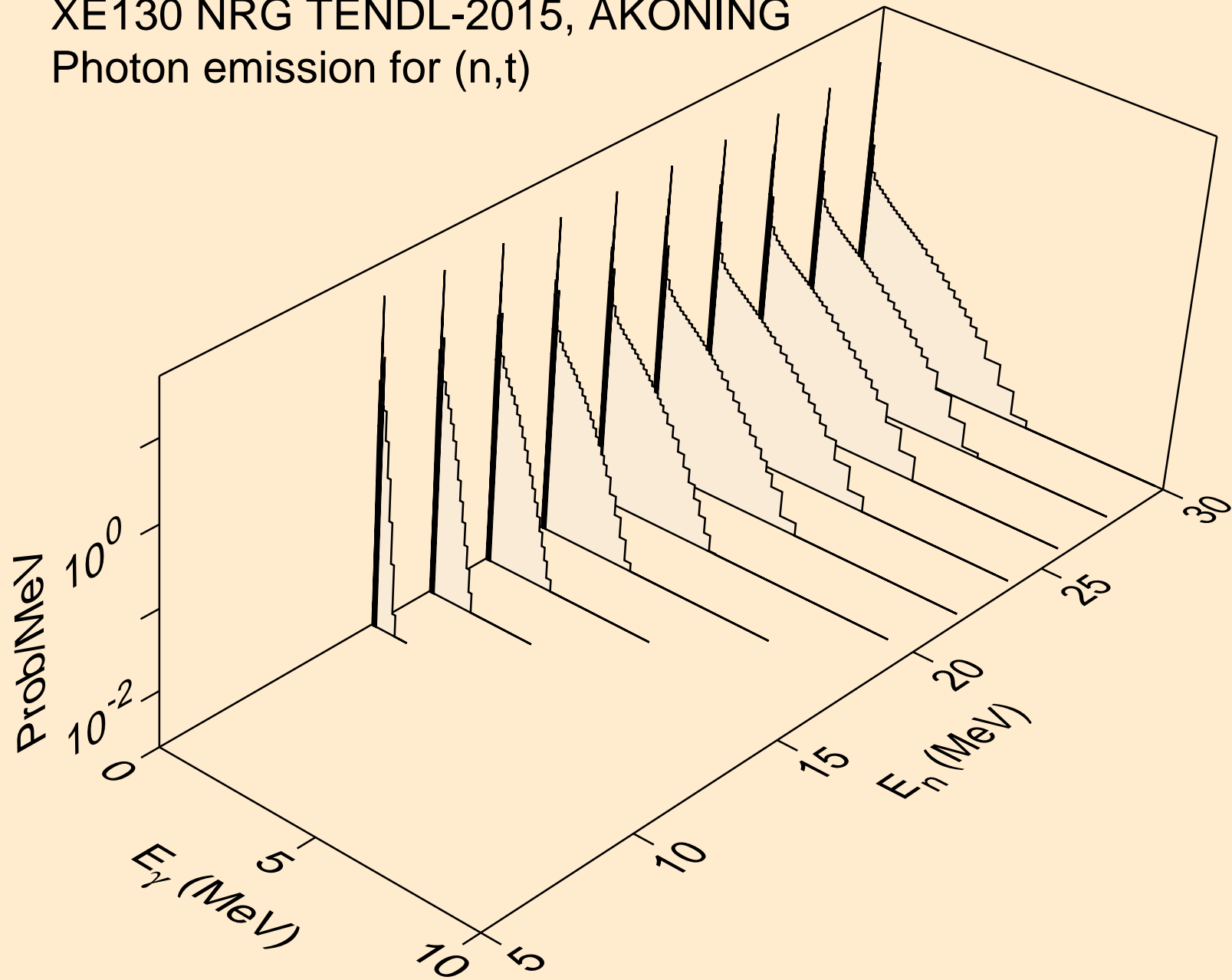
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



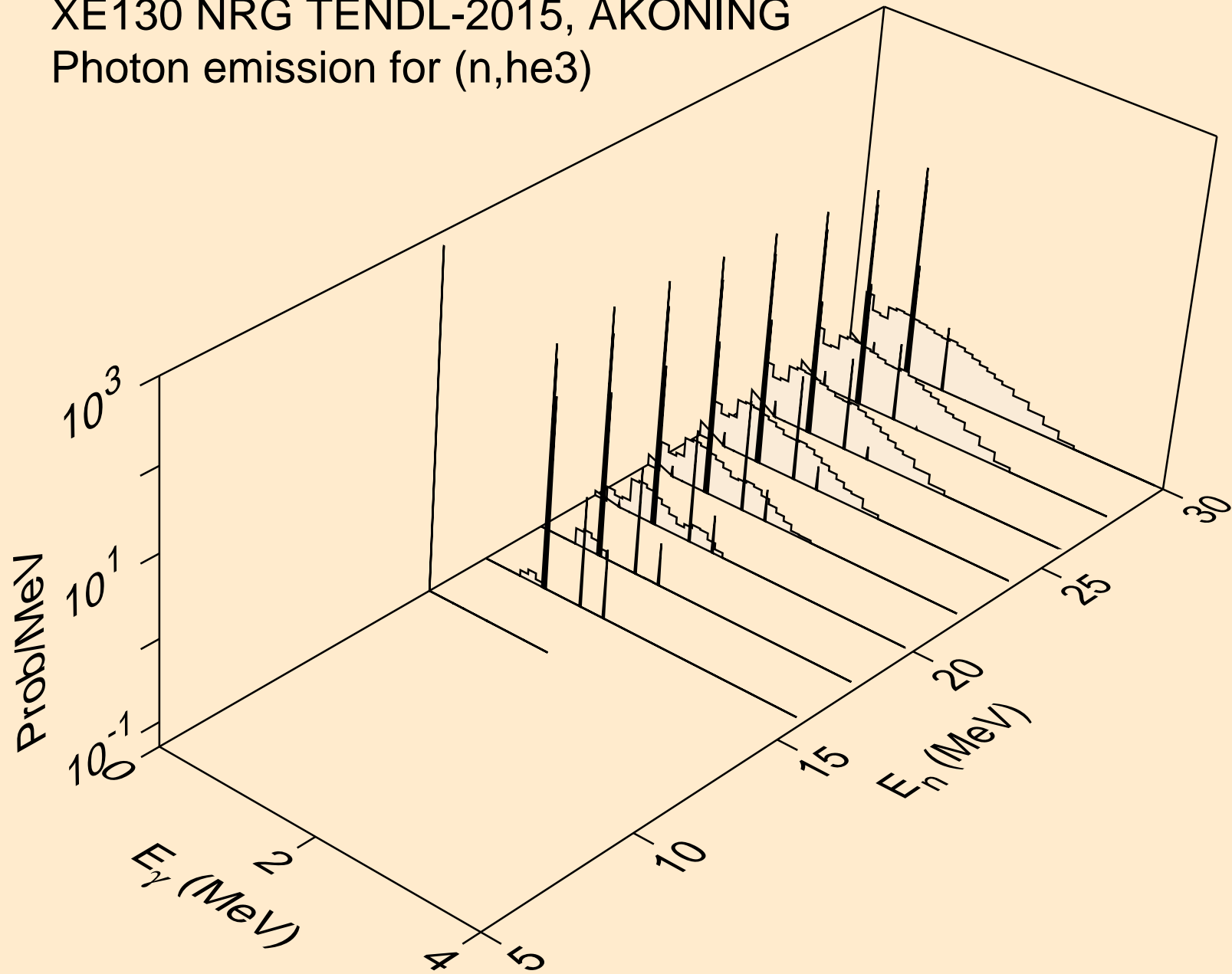
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

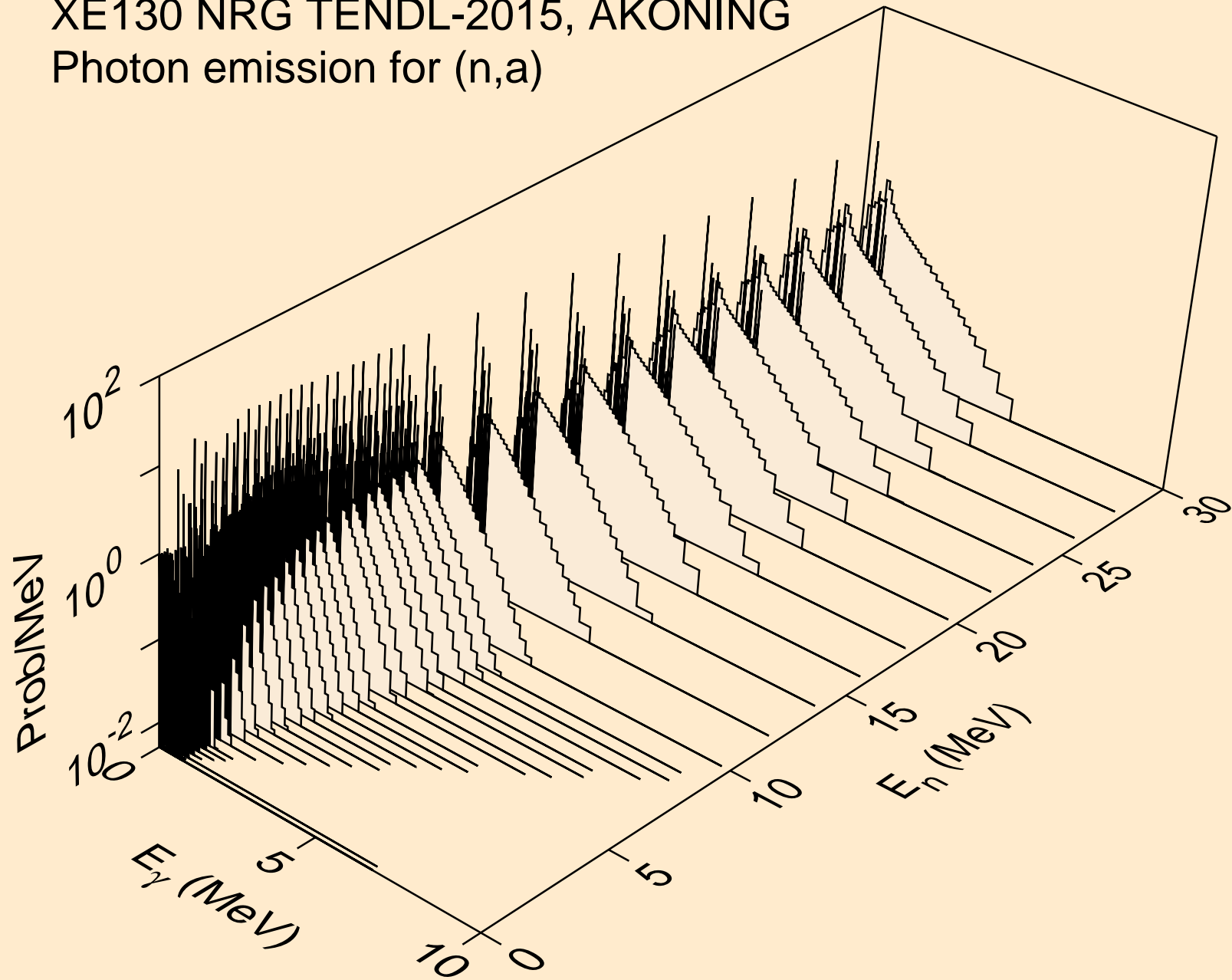


XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

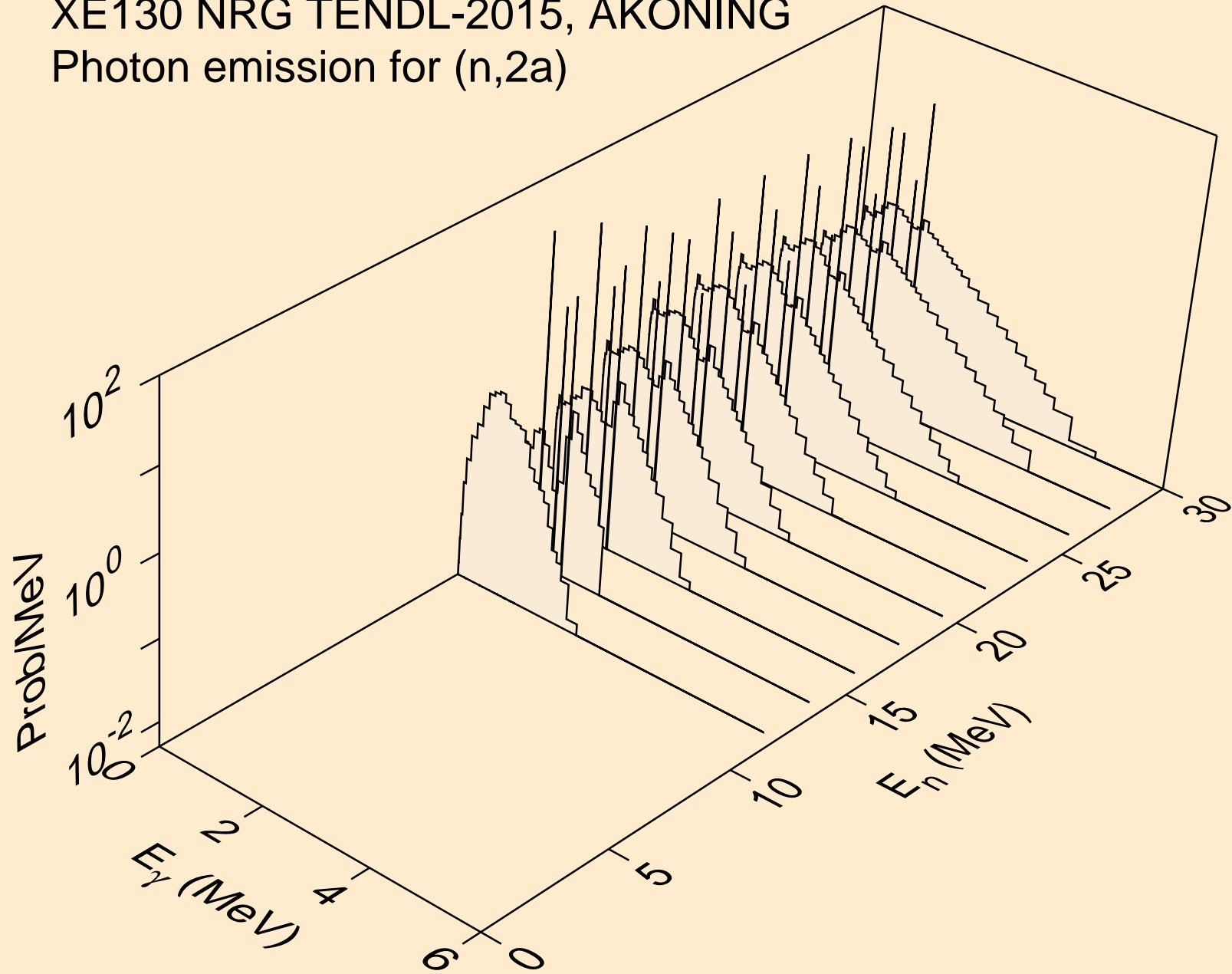




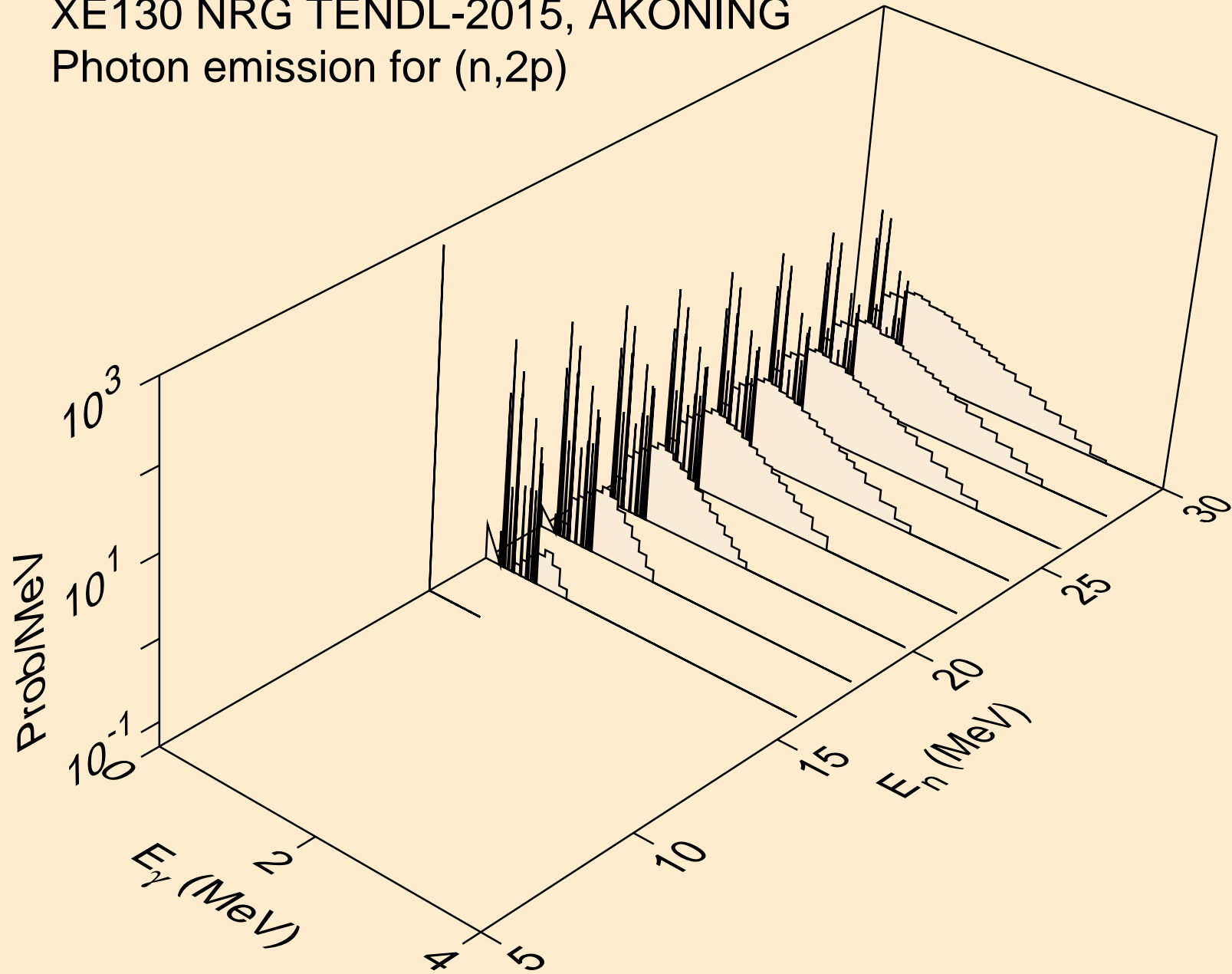
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



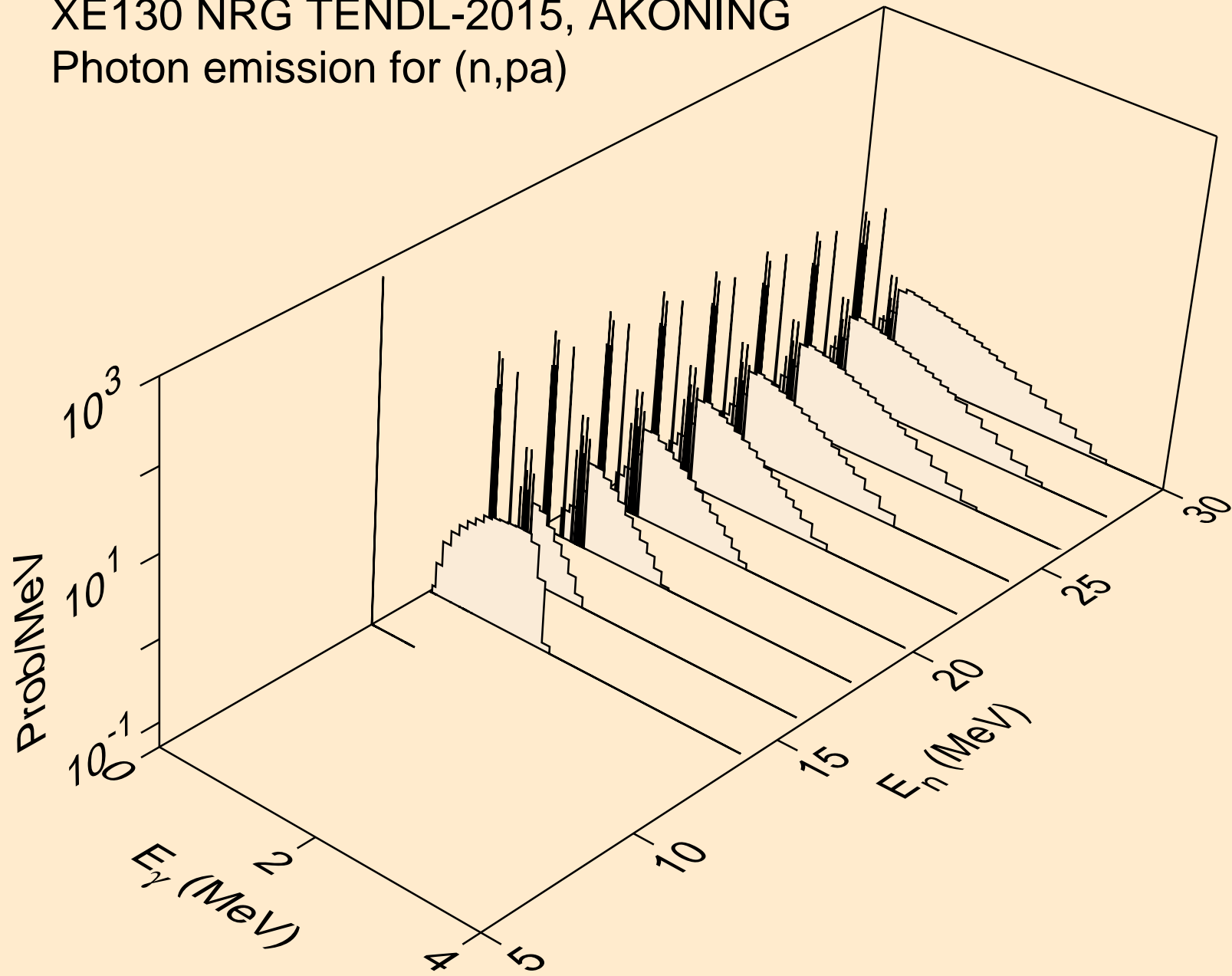
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



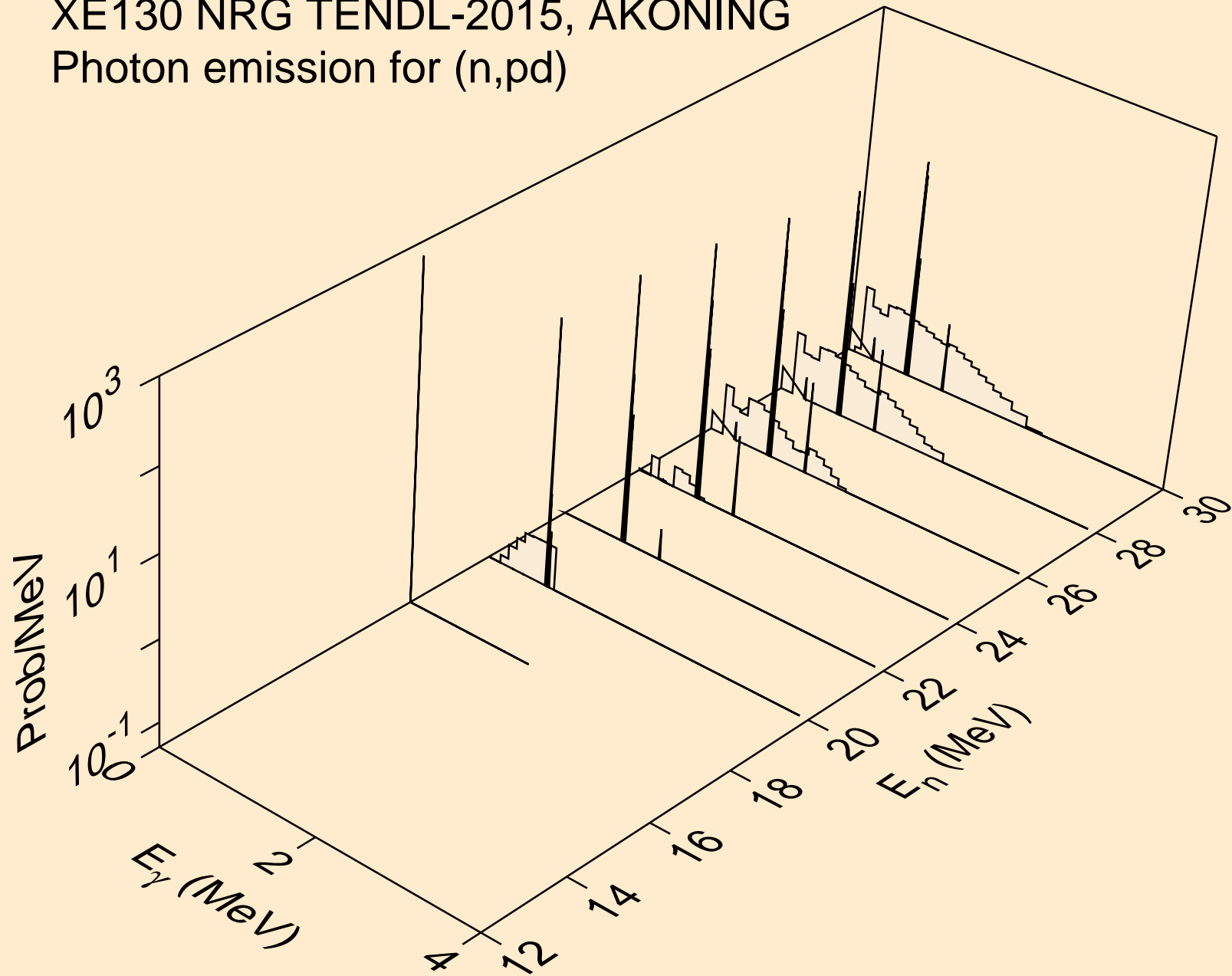
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



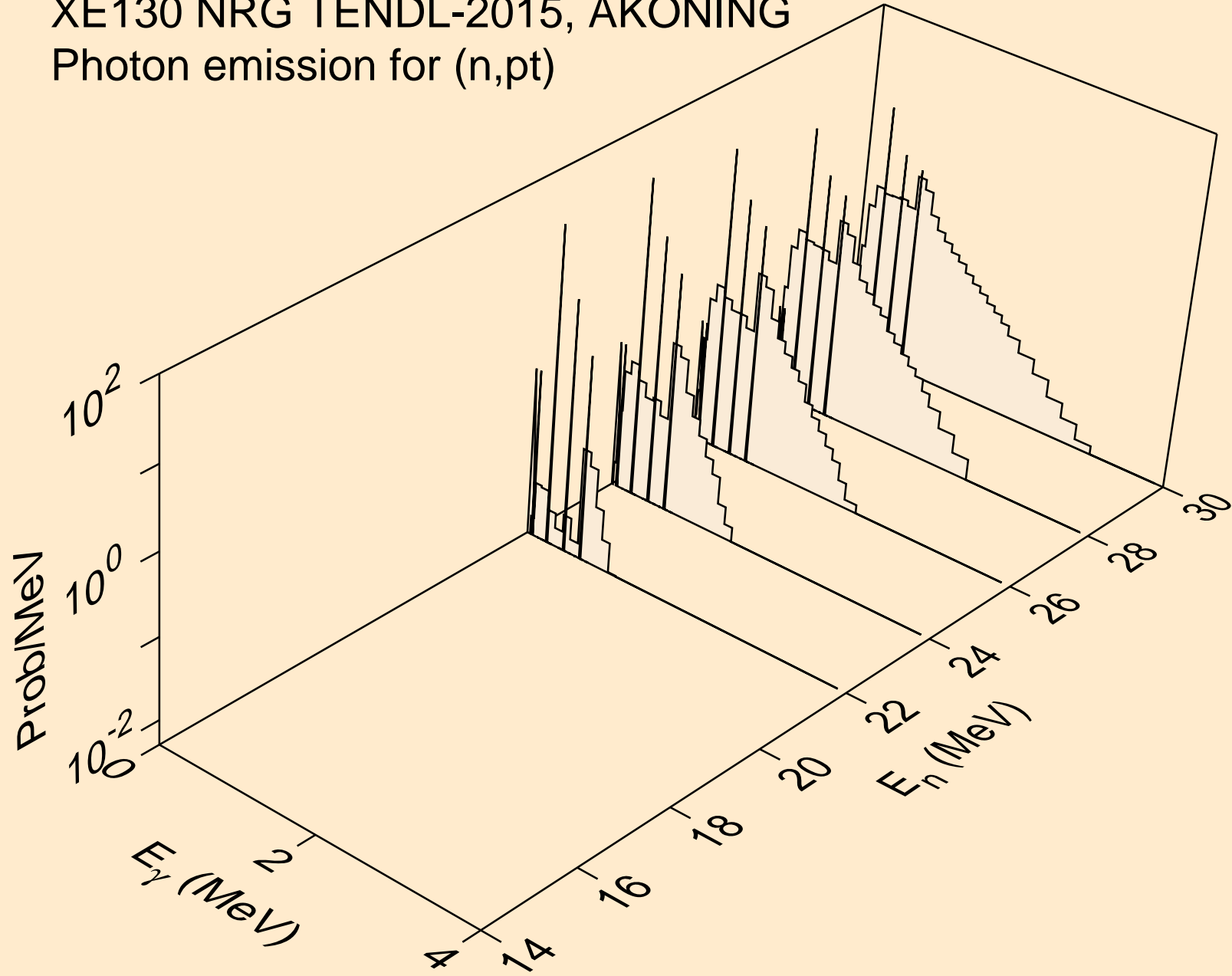
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



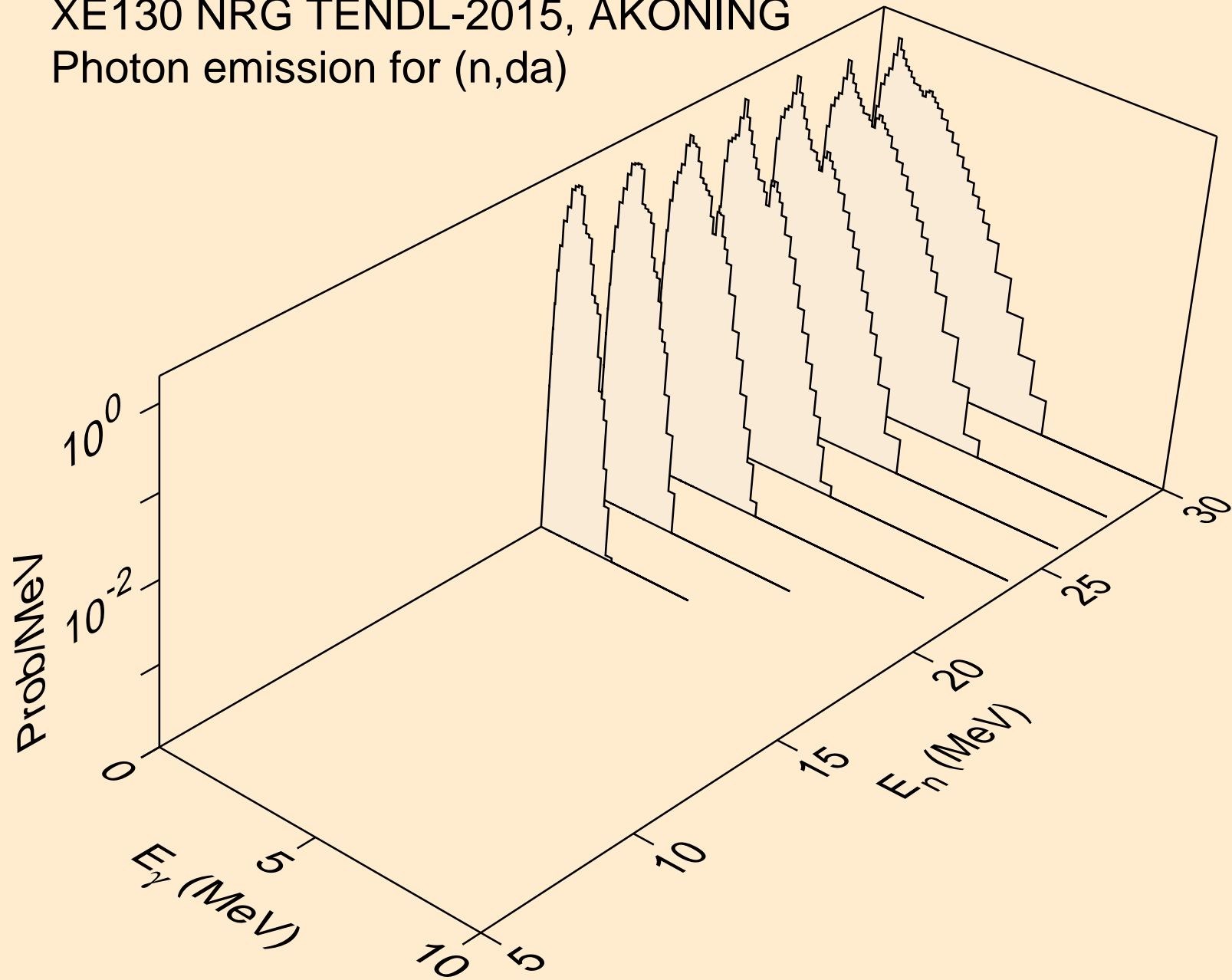
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



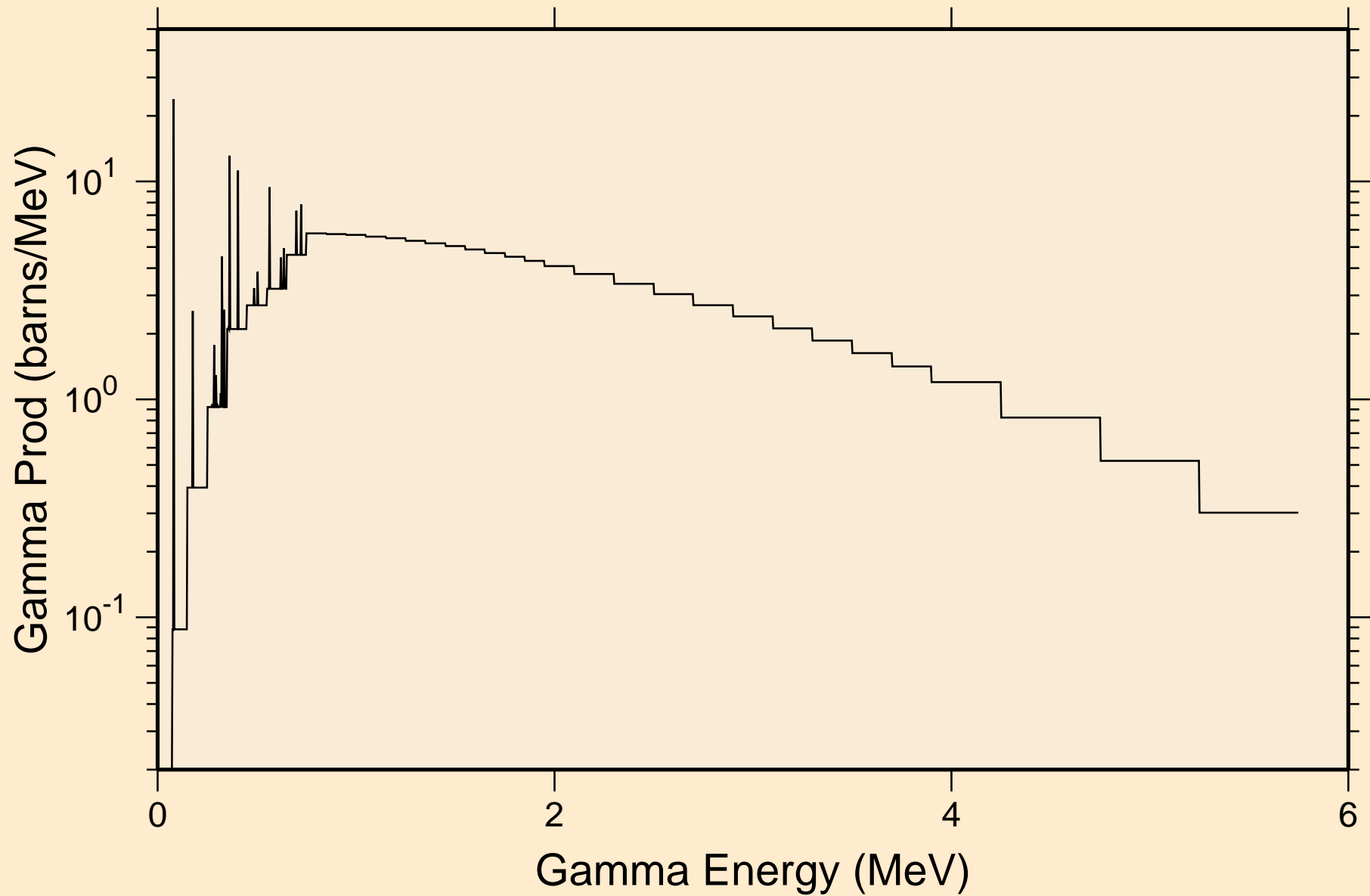
XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



XE130 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

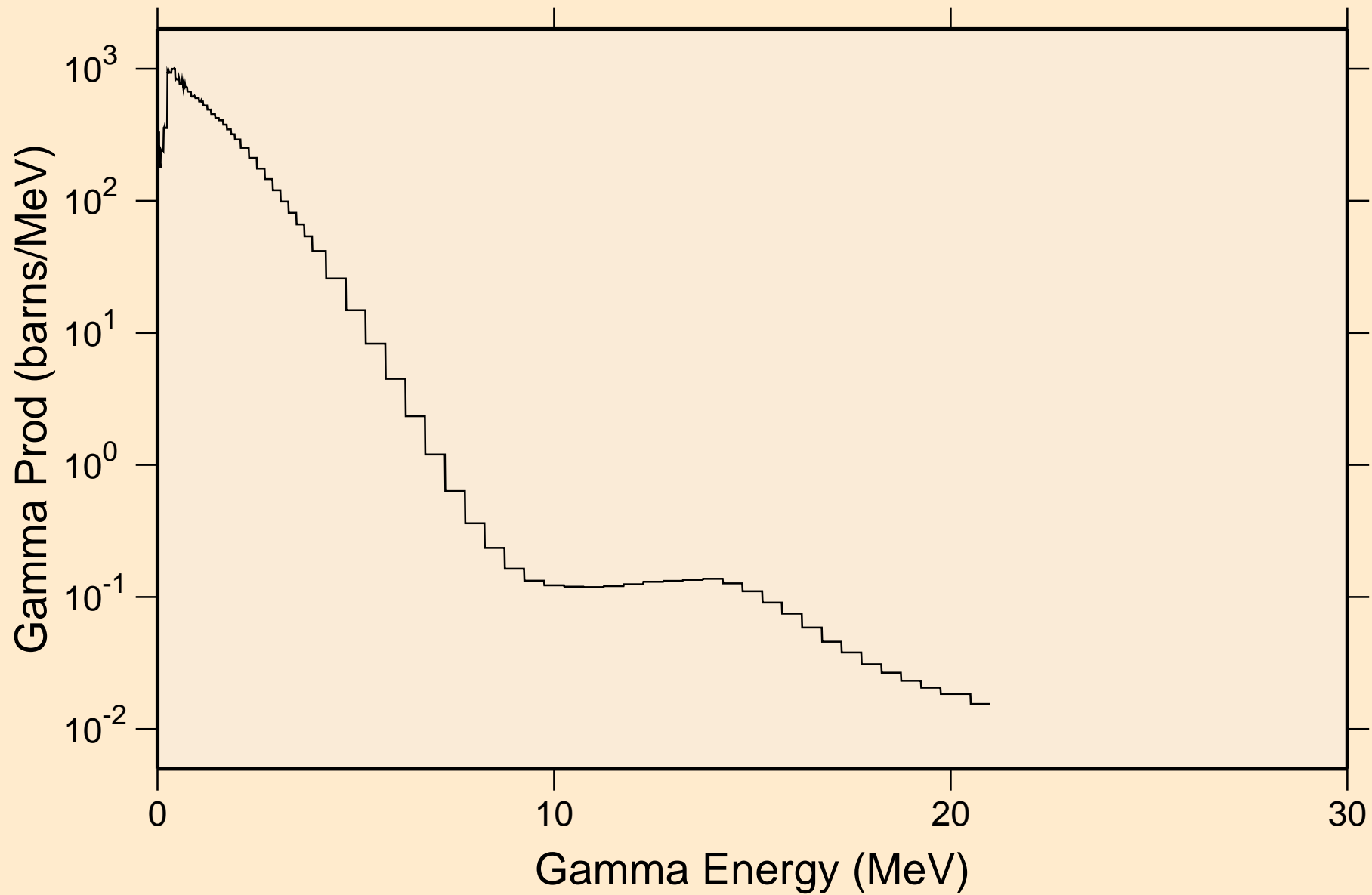


XE130 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



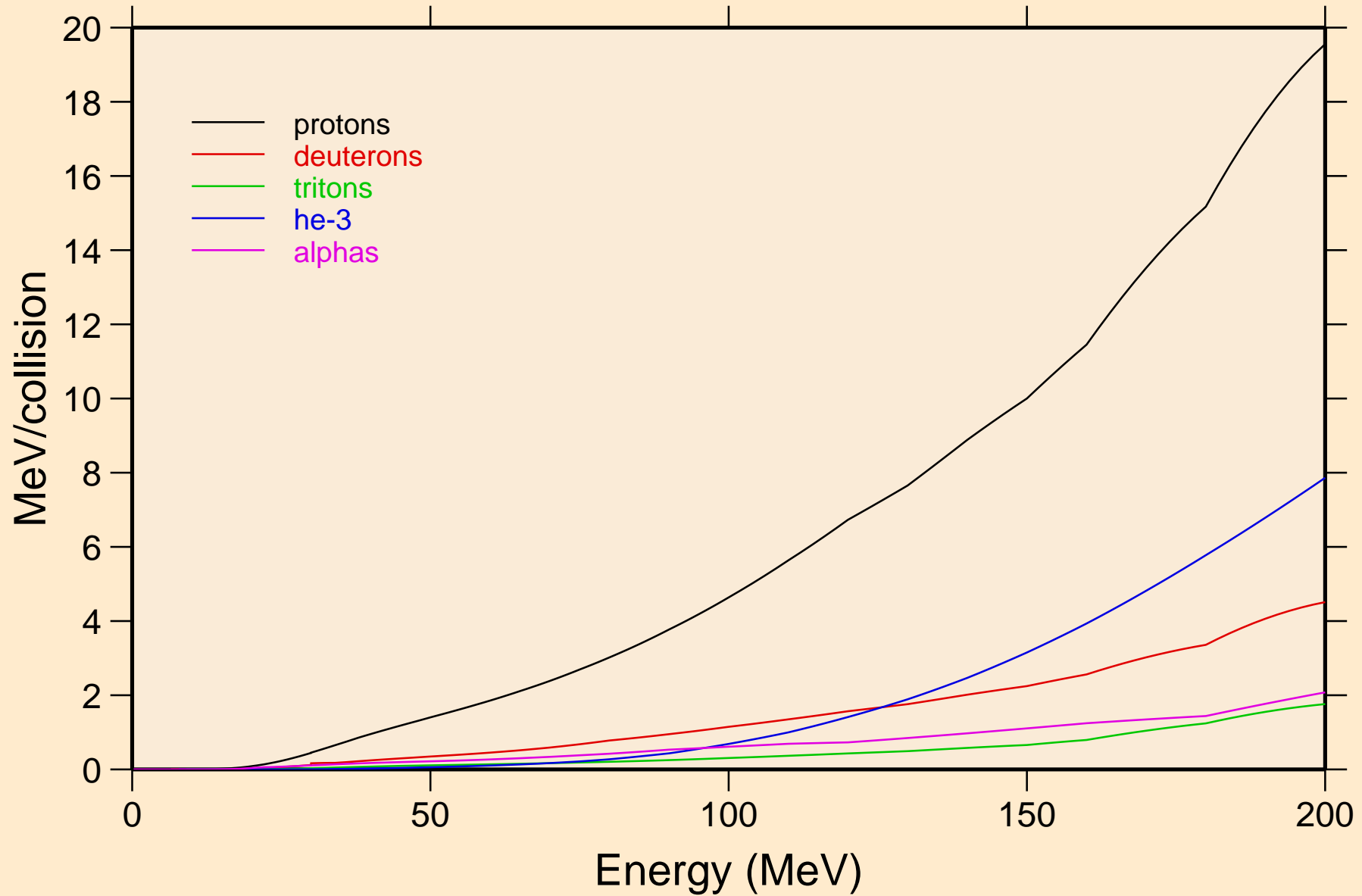


XE130 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



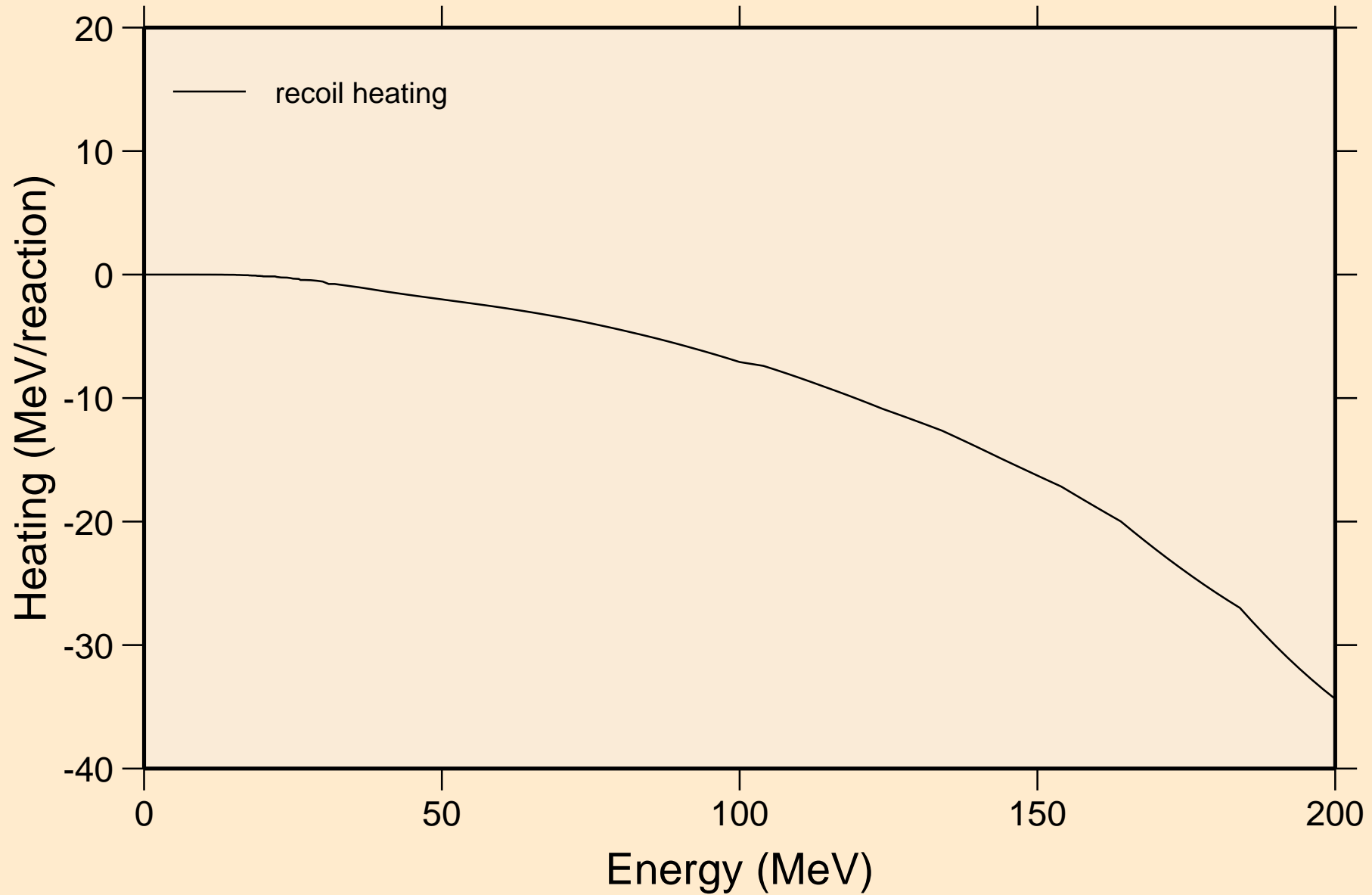
# XE130 NRG TENDL-2015, AKONING

## Particle heating contributions



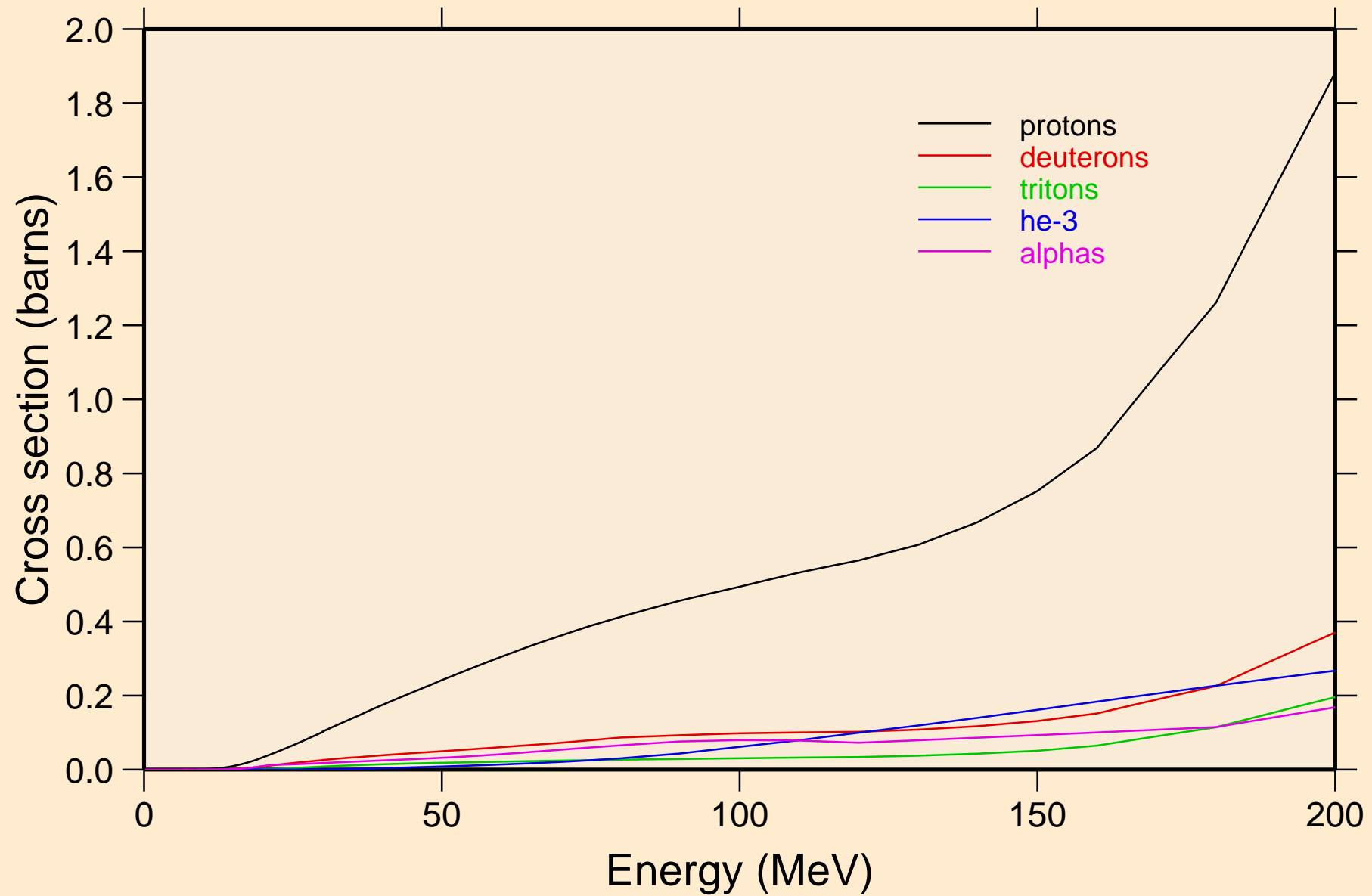
# XE130 NRG TENDL-2015, AKONING

## Recoil Heating

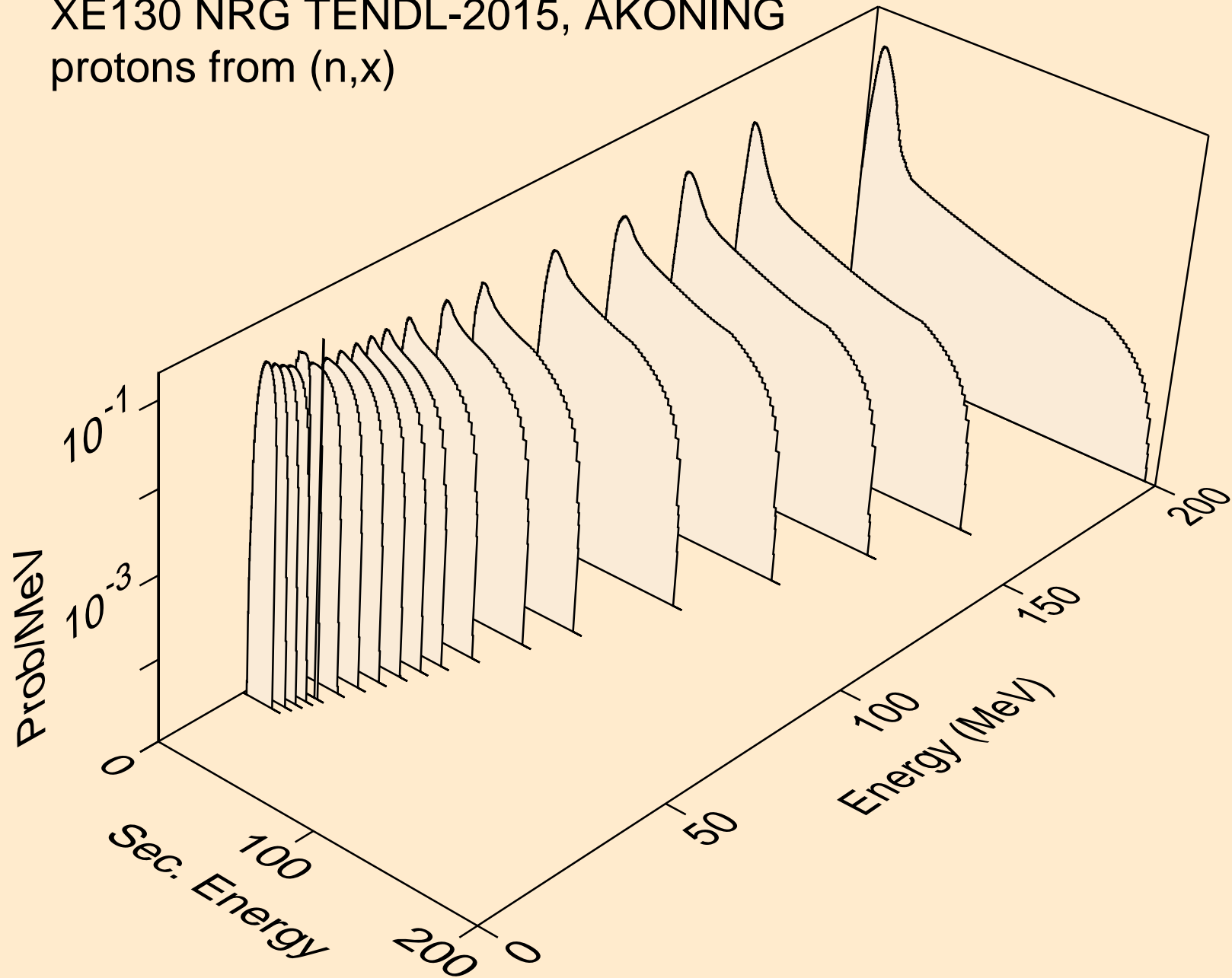


# XE130 NRG TENDL-2015, AKONING

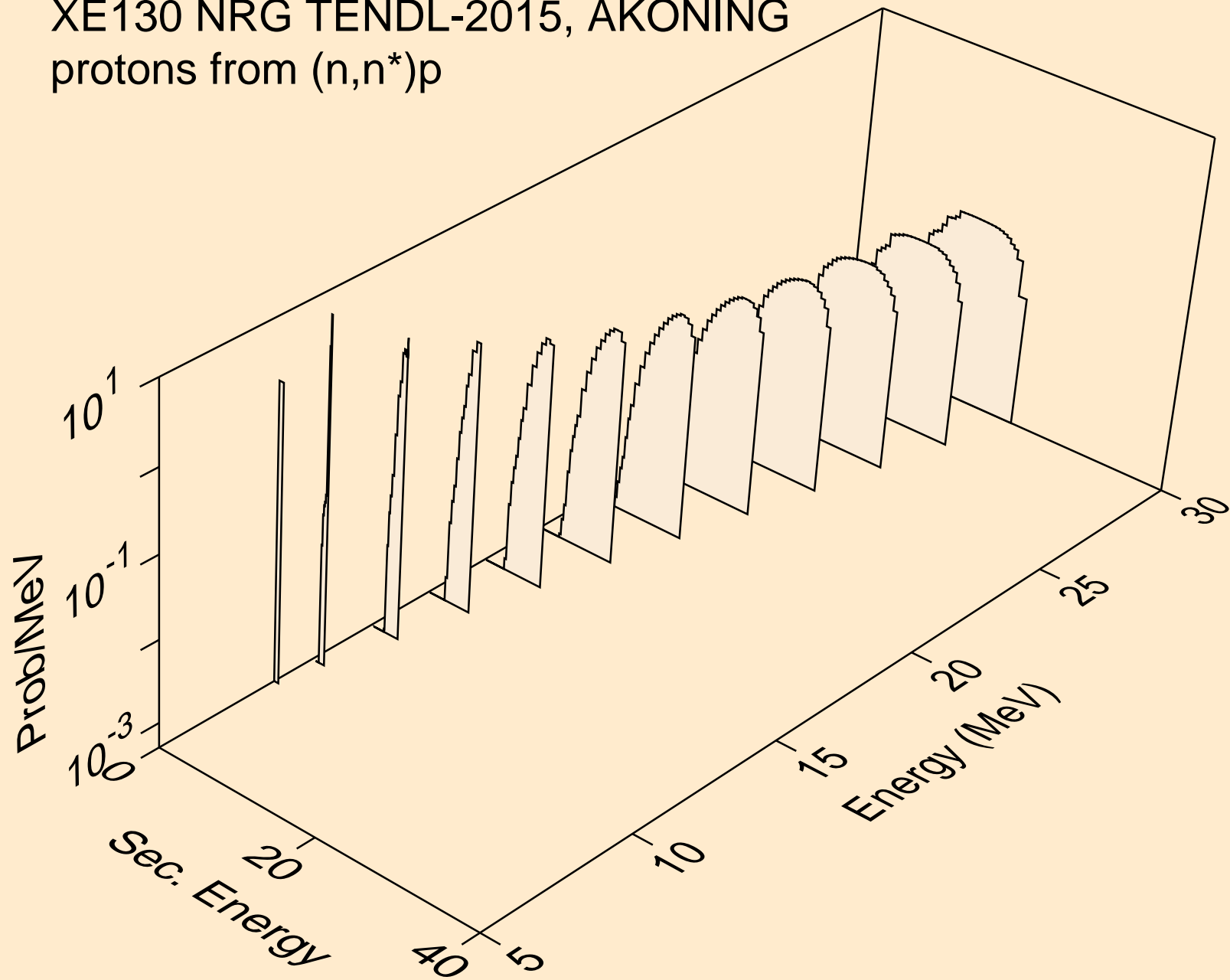
## Particle production cross sections



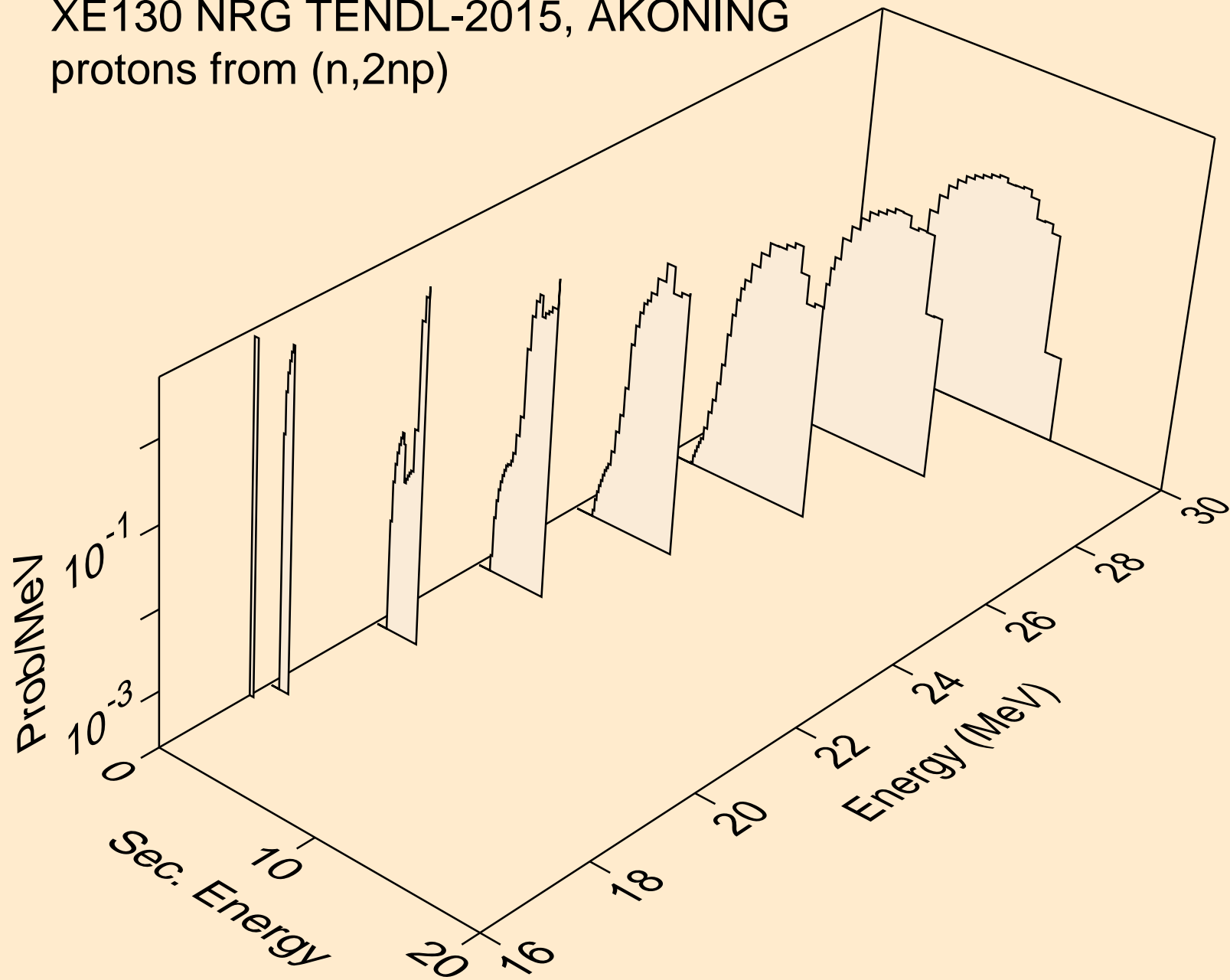
XE130 NRG TENDL-2015, AKONING  
protons from (n,x)



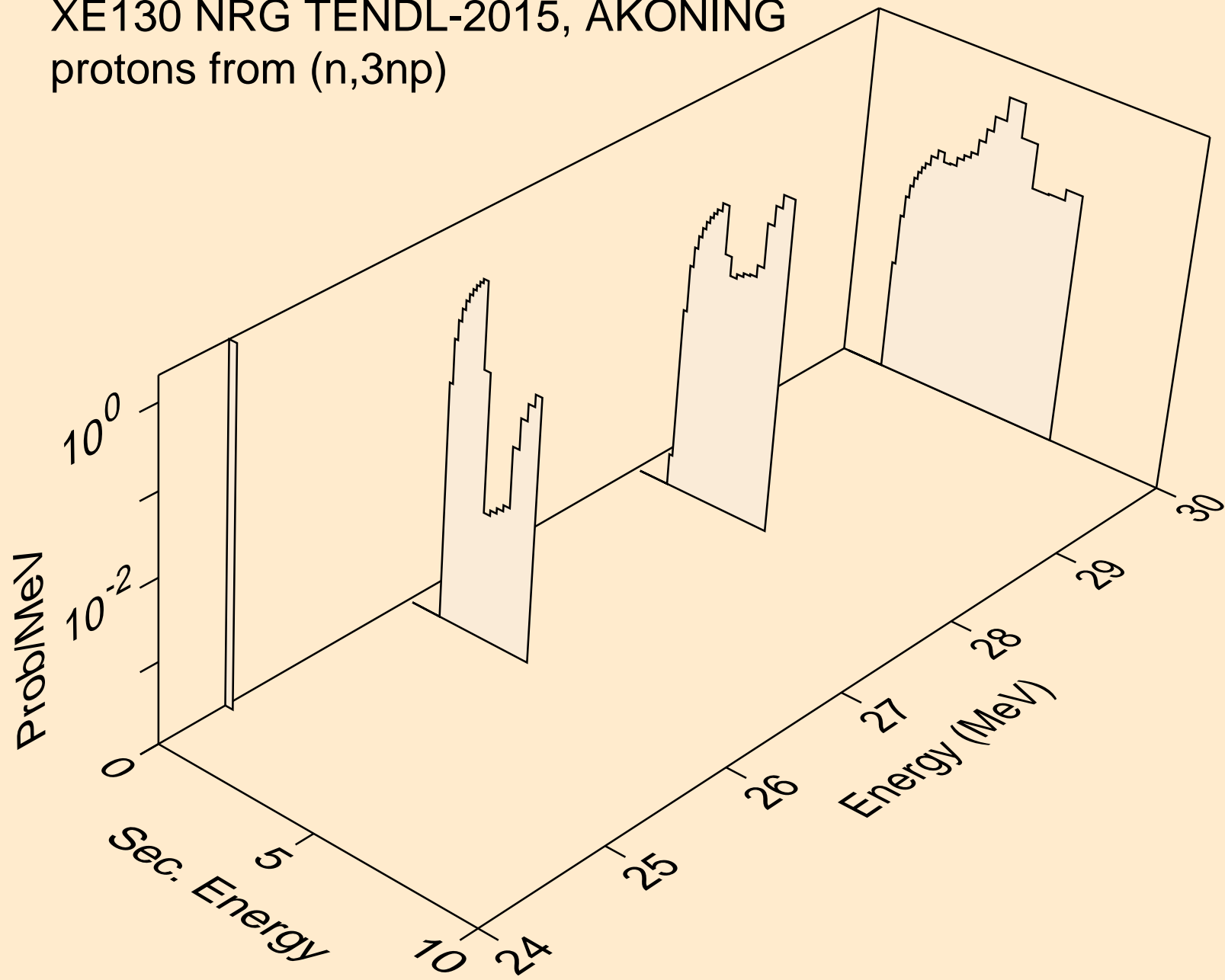
XE130 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



XE130 NRG TENDL-2015, AKONING  
protons from (n,2np)

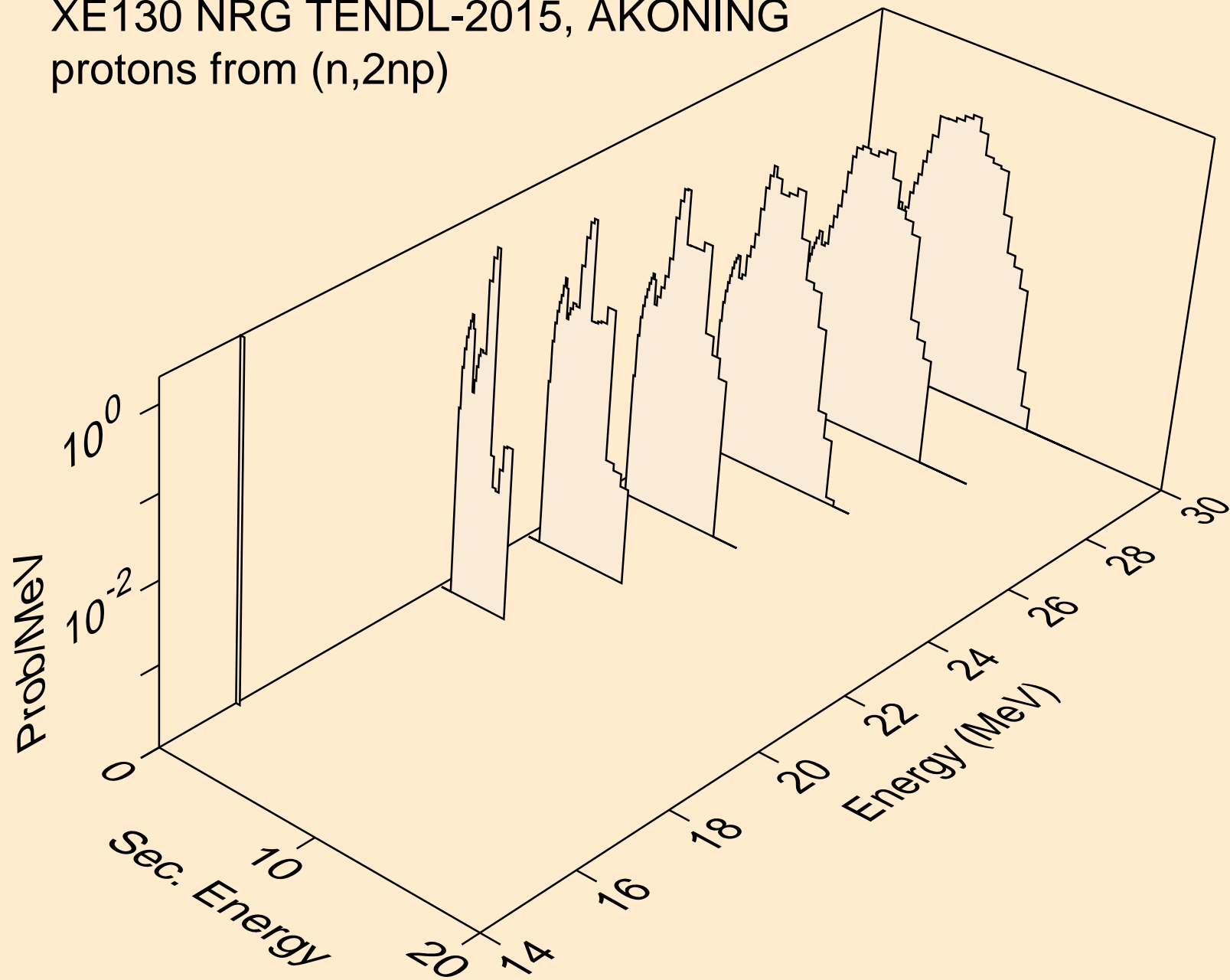


XE130 NRG TENDL-2015, AKONING  
protons from (n,3np)

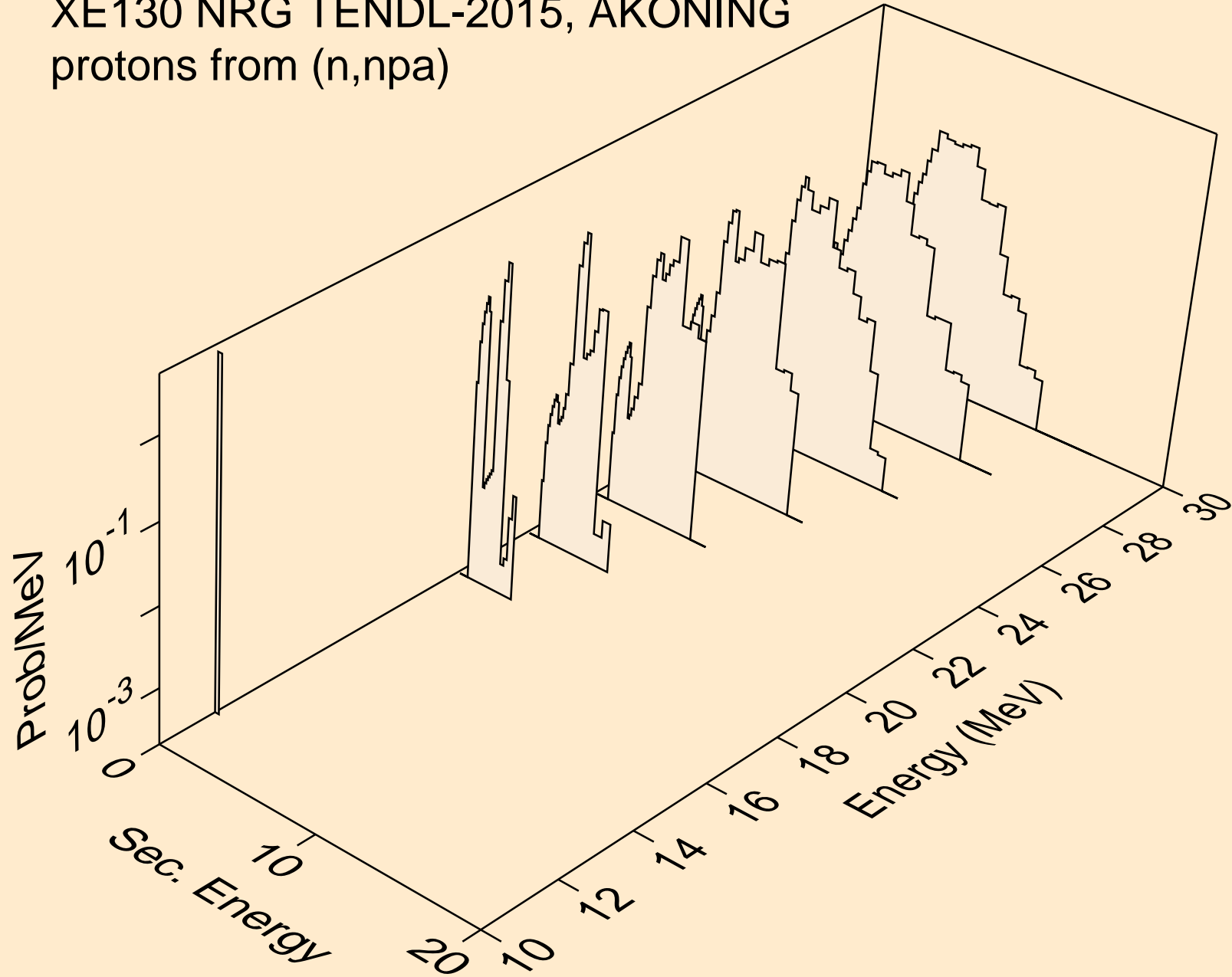




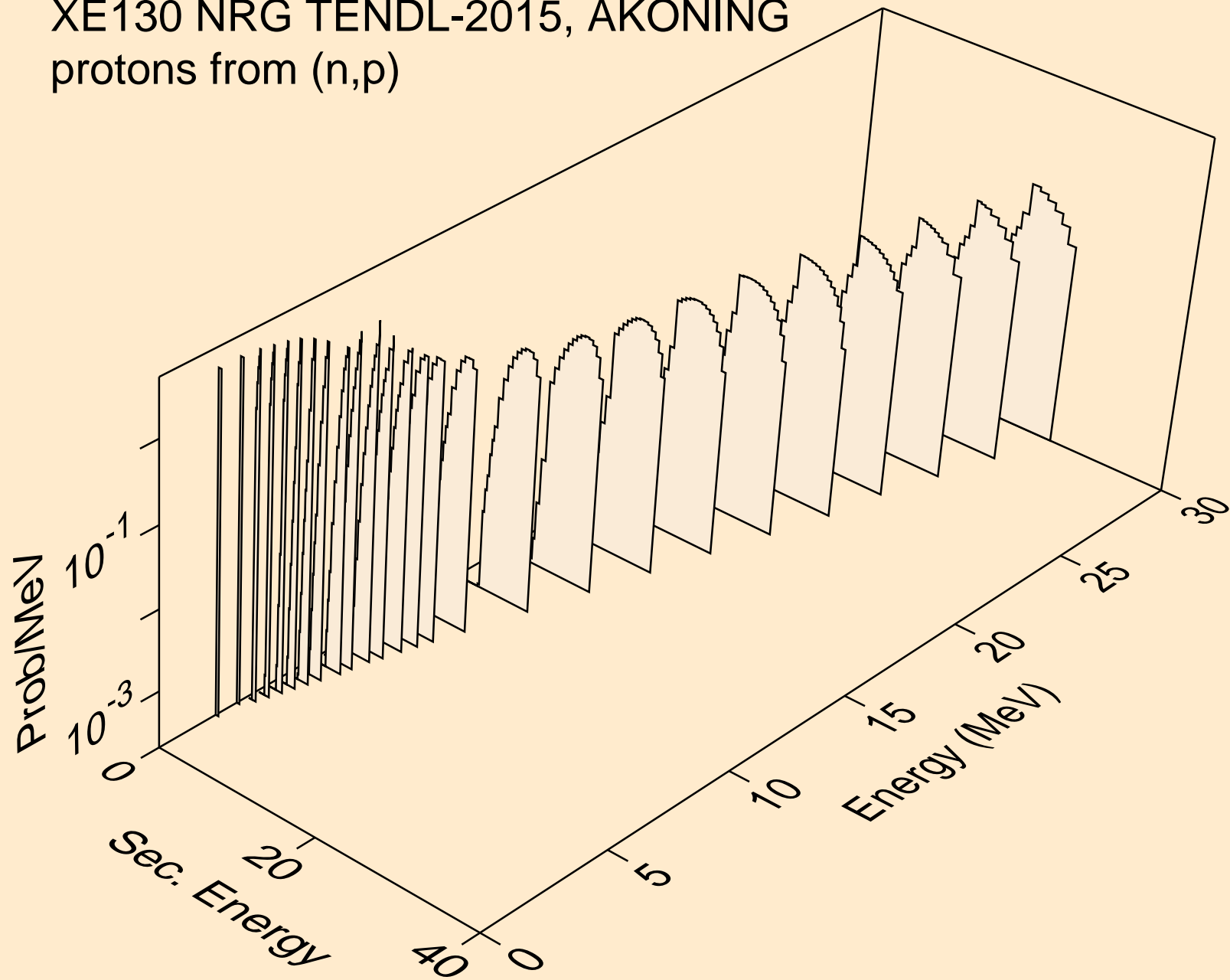
XE130 NRG TENDL-2015, AKONING  
protons from (n,2np)



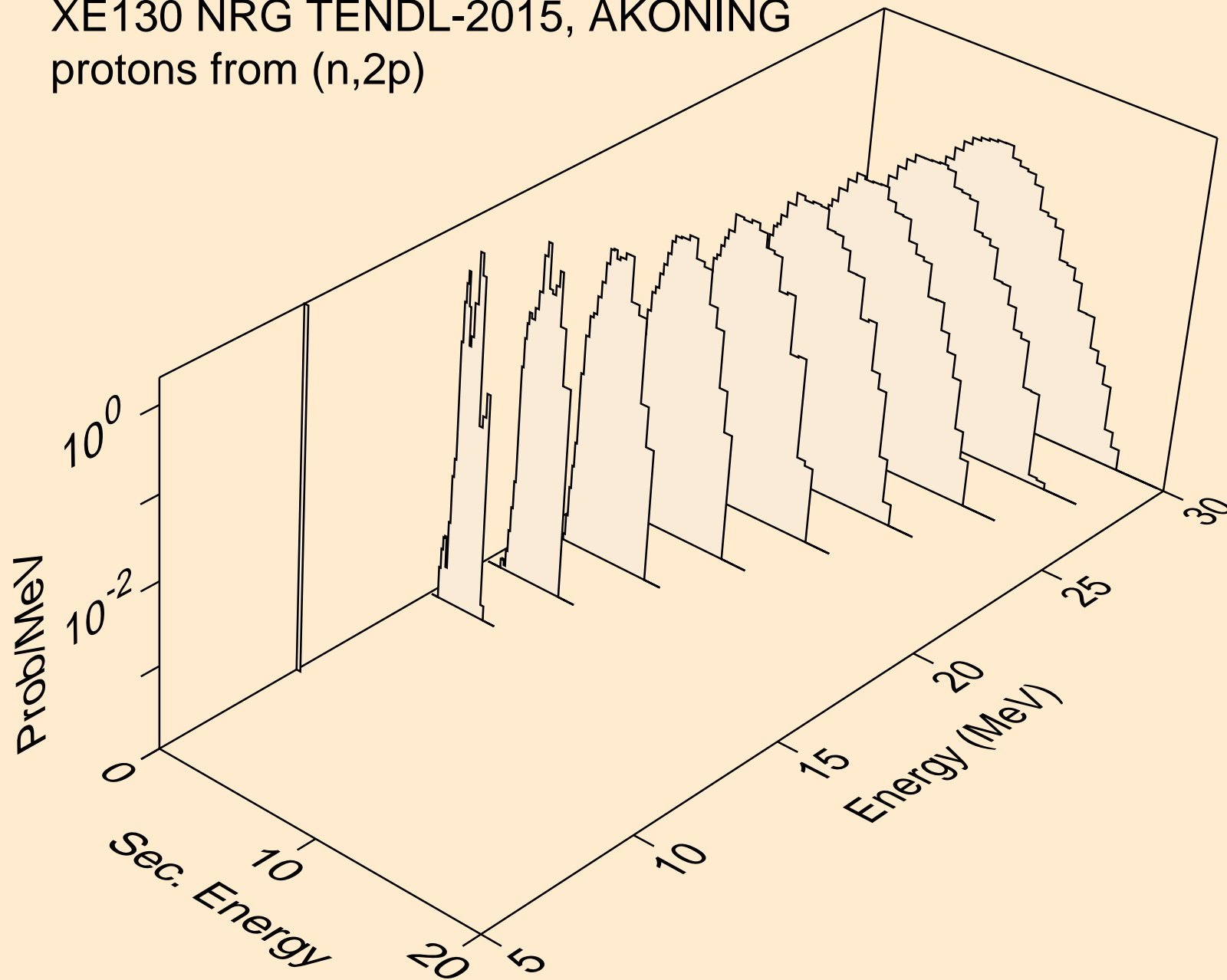
XE130 NRG TENDL-2015, AKONING  
protons from (n,npa)



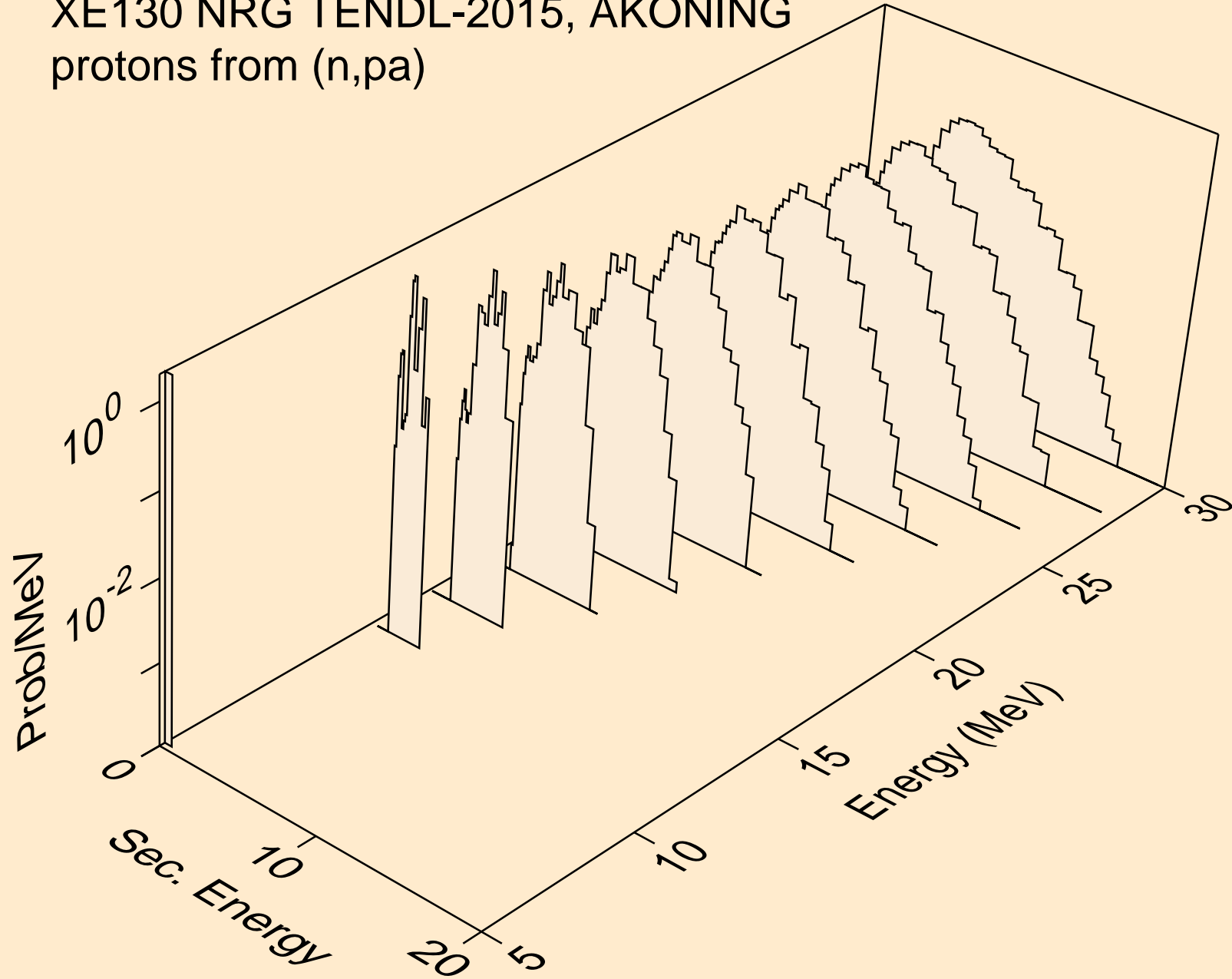
XE130 NRG TENDL-2015, AKONING  
protons from (n,p)



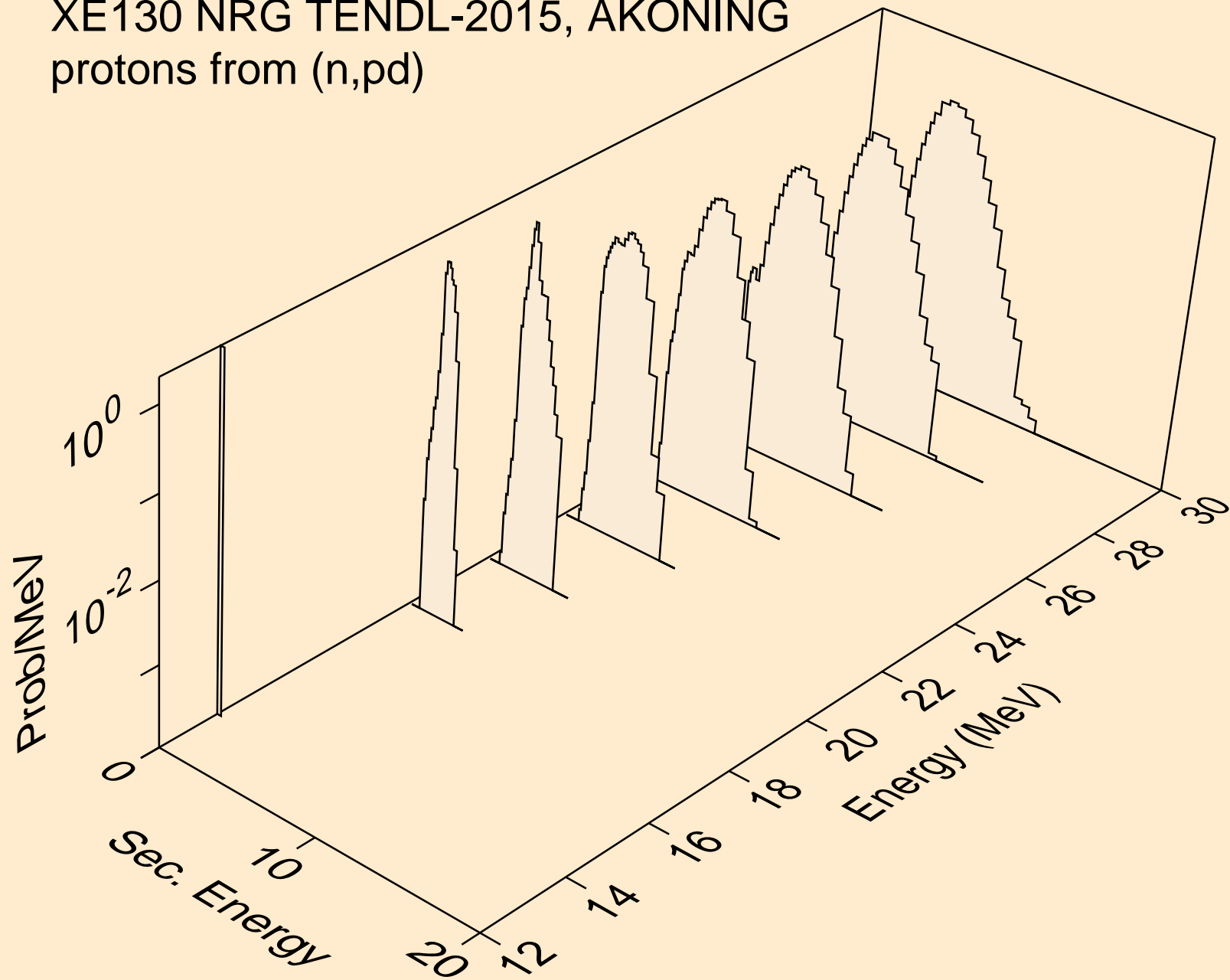
XE130 NRG TENDL-2015, AKONING  
protons from (n,2p)



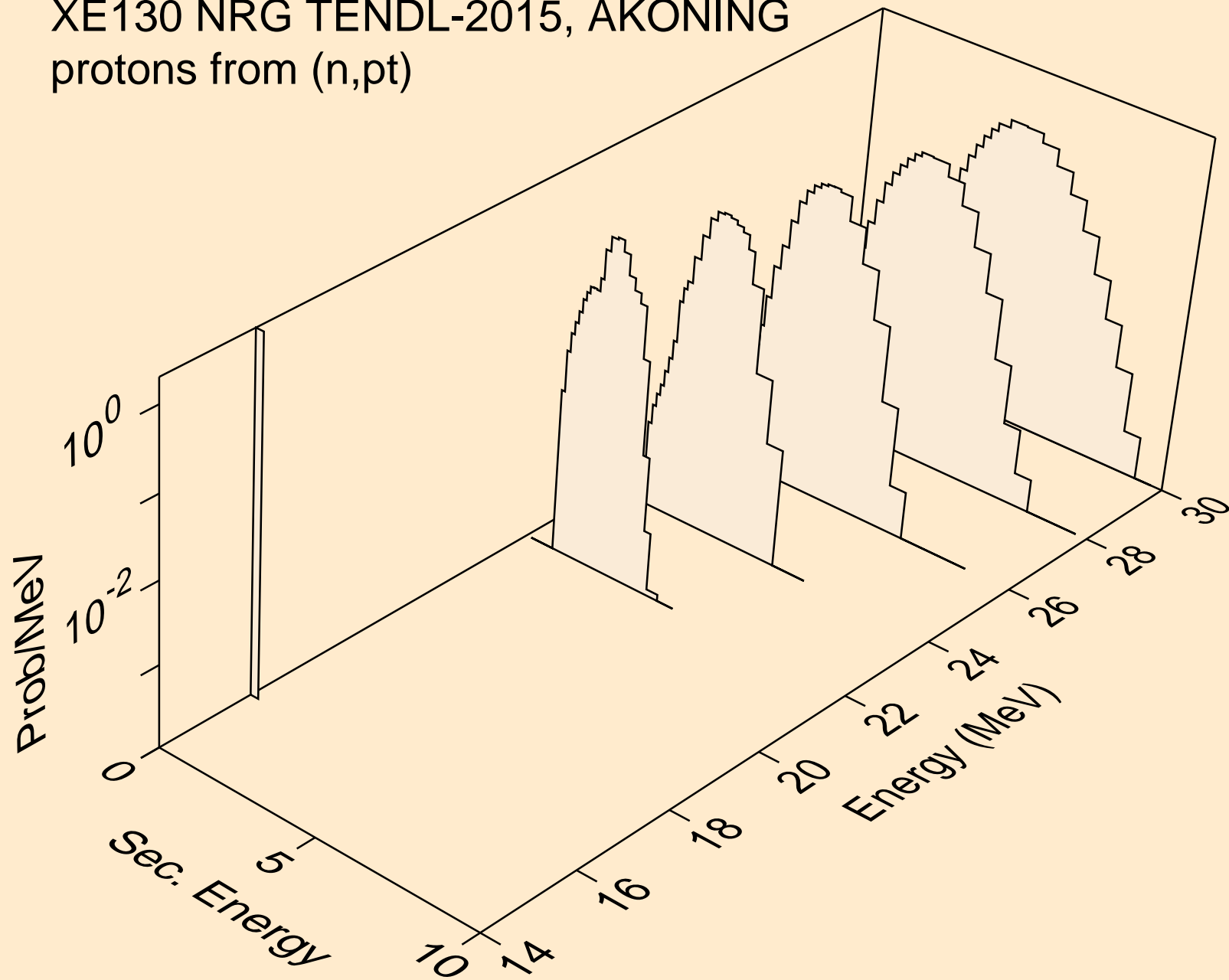
XE130 NRG TENDL-2015, AKONING  
protons from (n,pa)



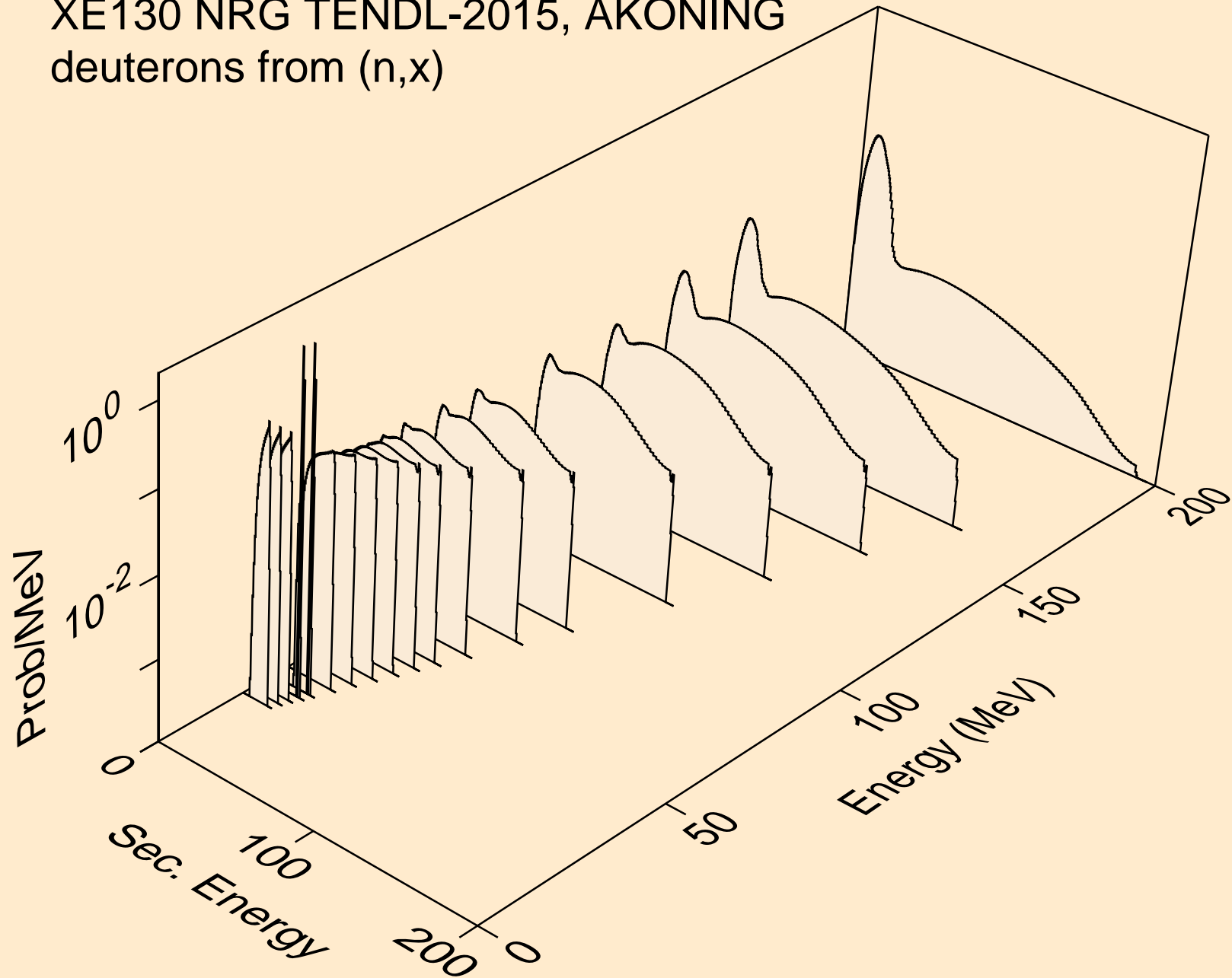
XE130 NRG TENDL-2015, AKONING  
protons from (n,pd)



XE130 NRG TENDL-2015, AKONING  
protons from (n,pt)

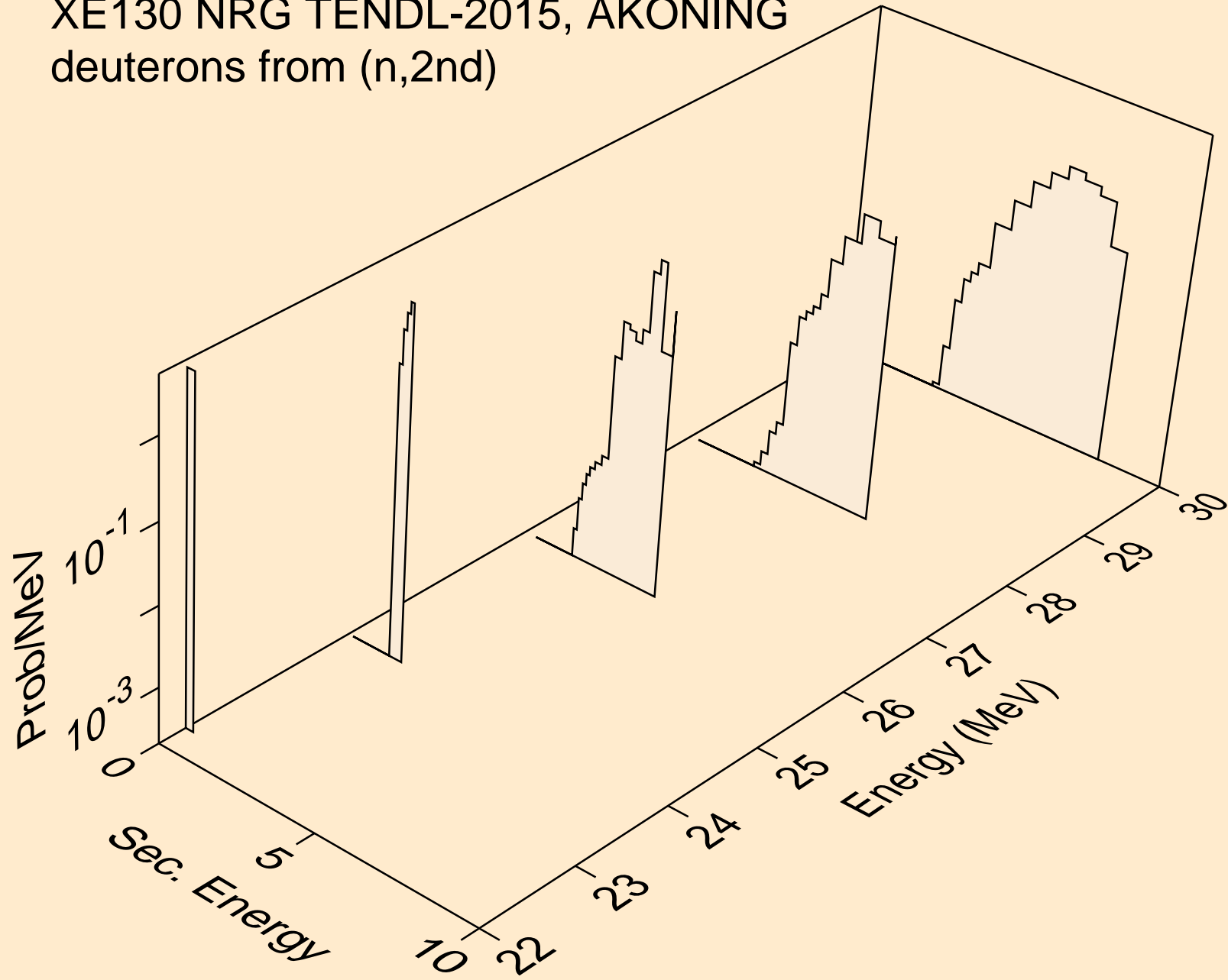


XE130 NRG TENDL-2015, AKONING  
deuterons from (n,x)

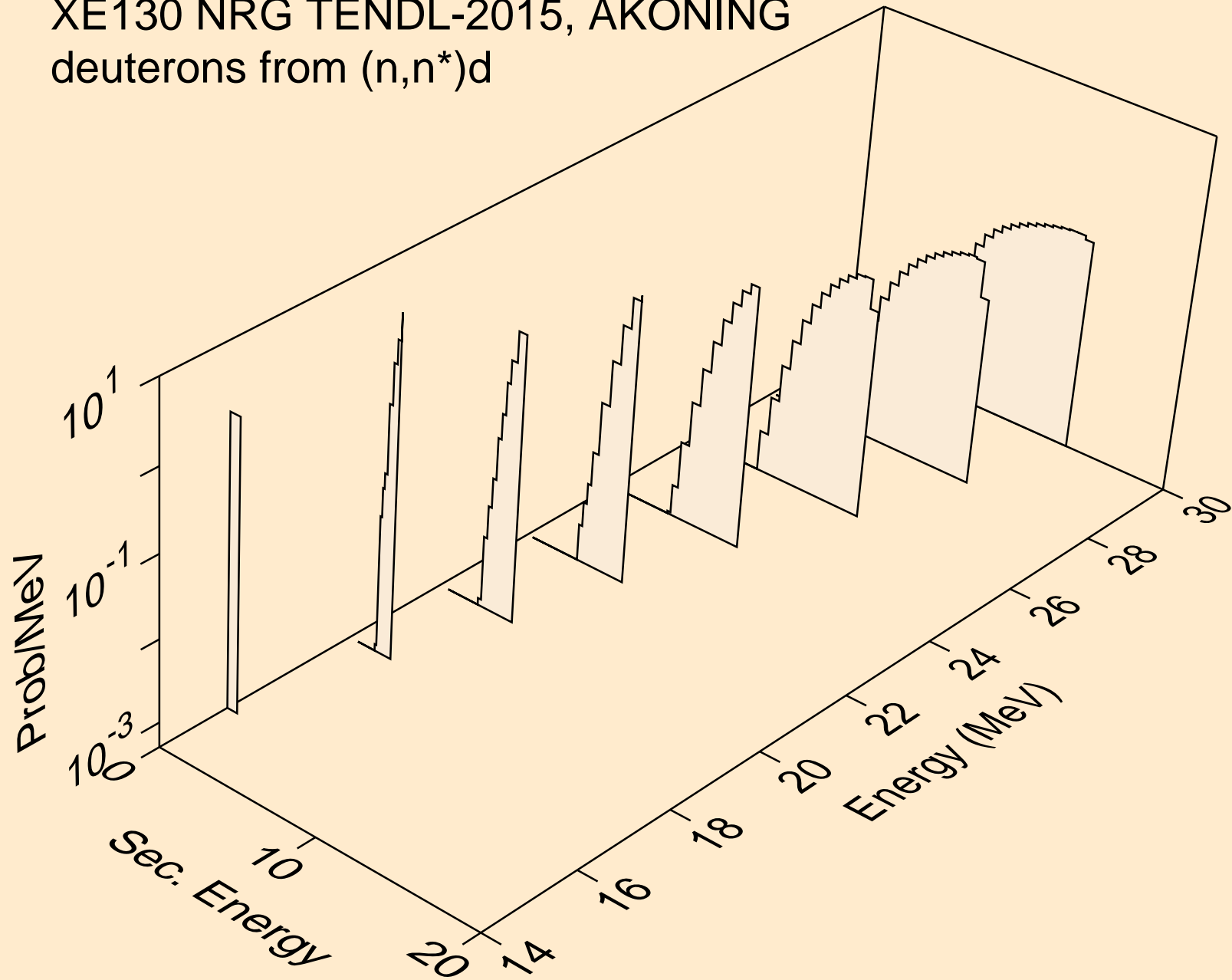




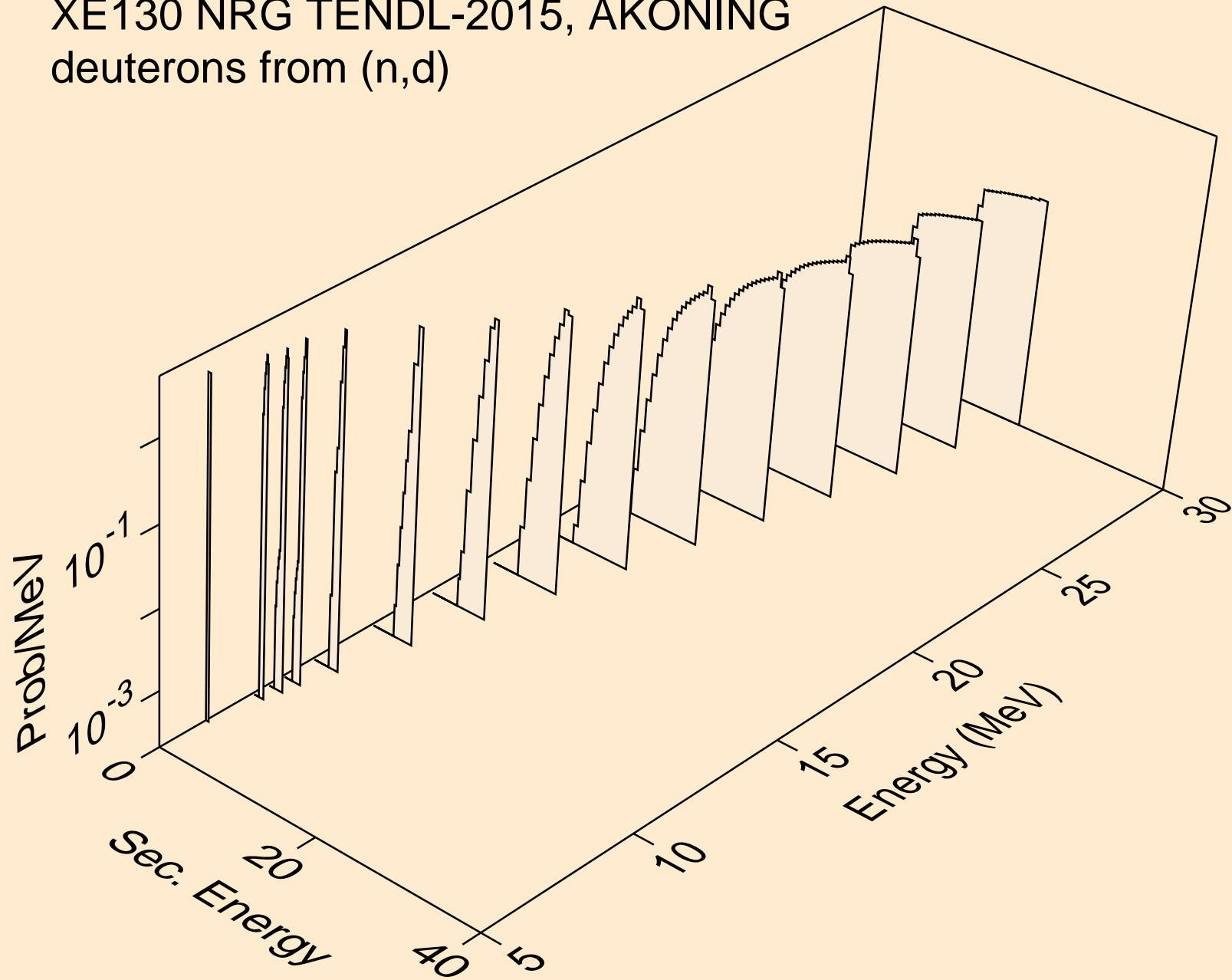
XE130 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



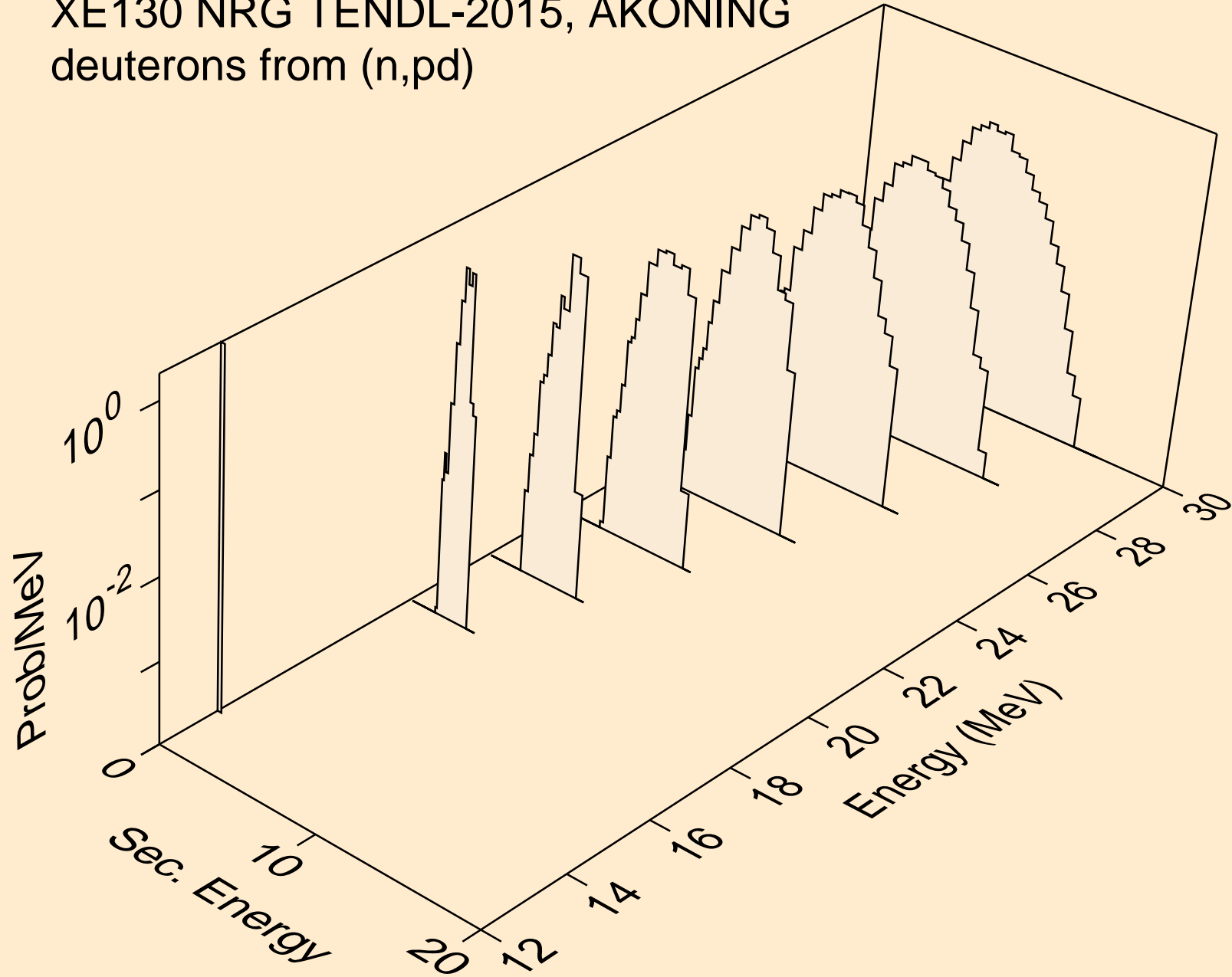
XE130 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



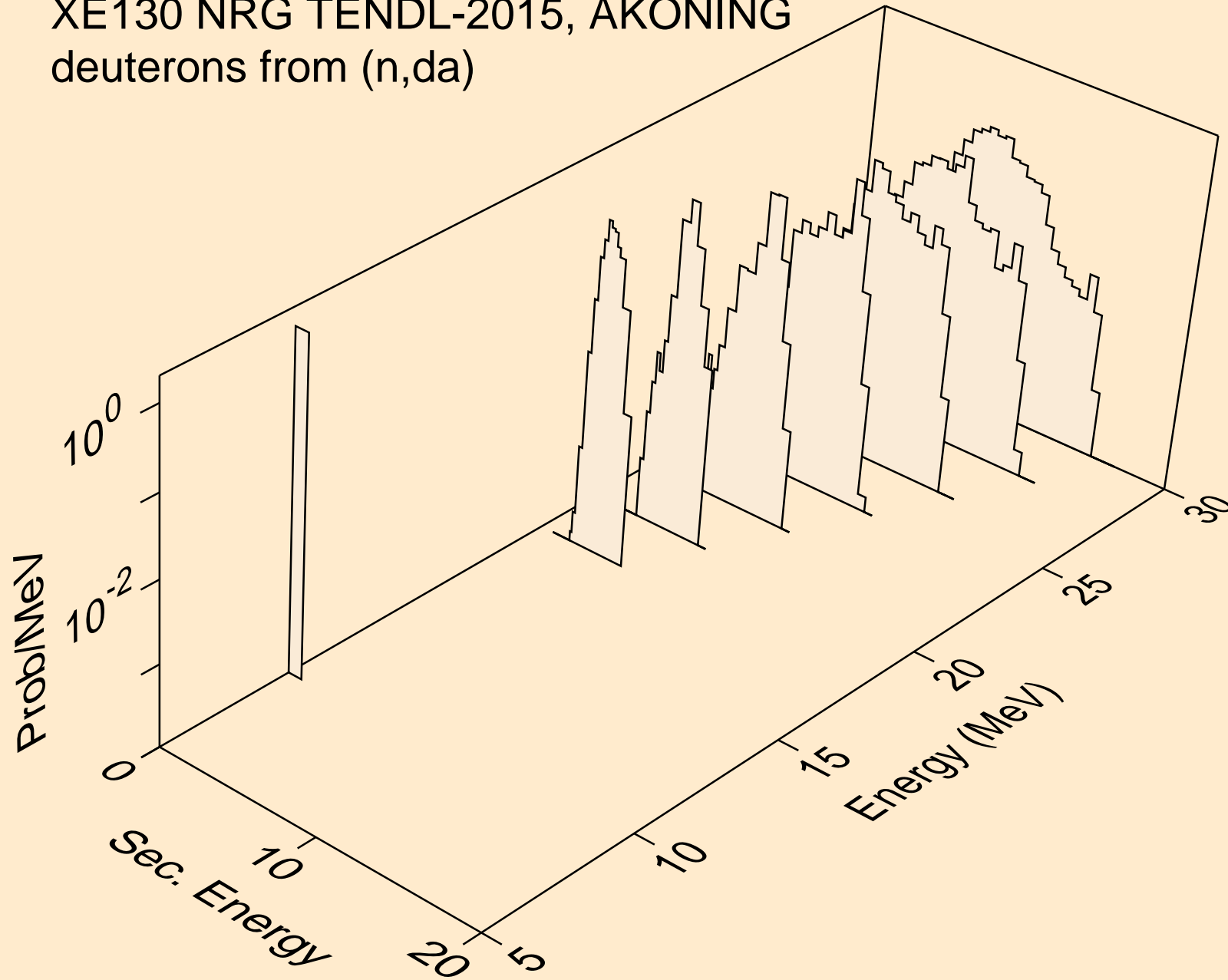
XE130 NRG TENDL-2015, AKONING  
deuterons from (n,d)



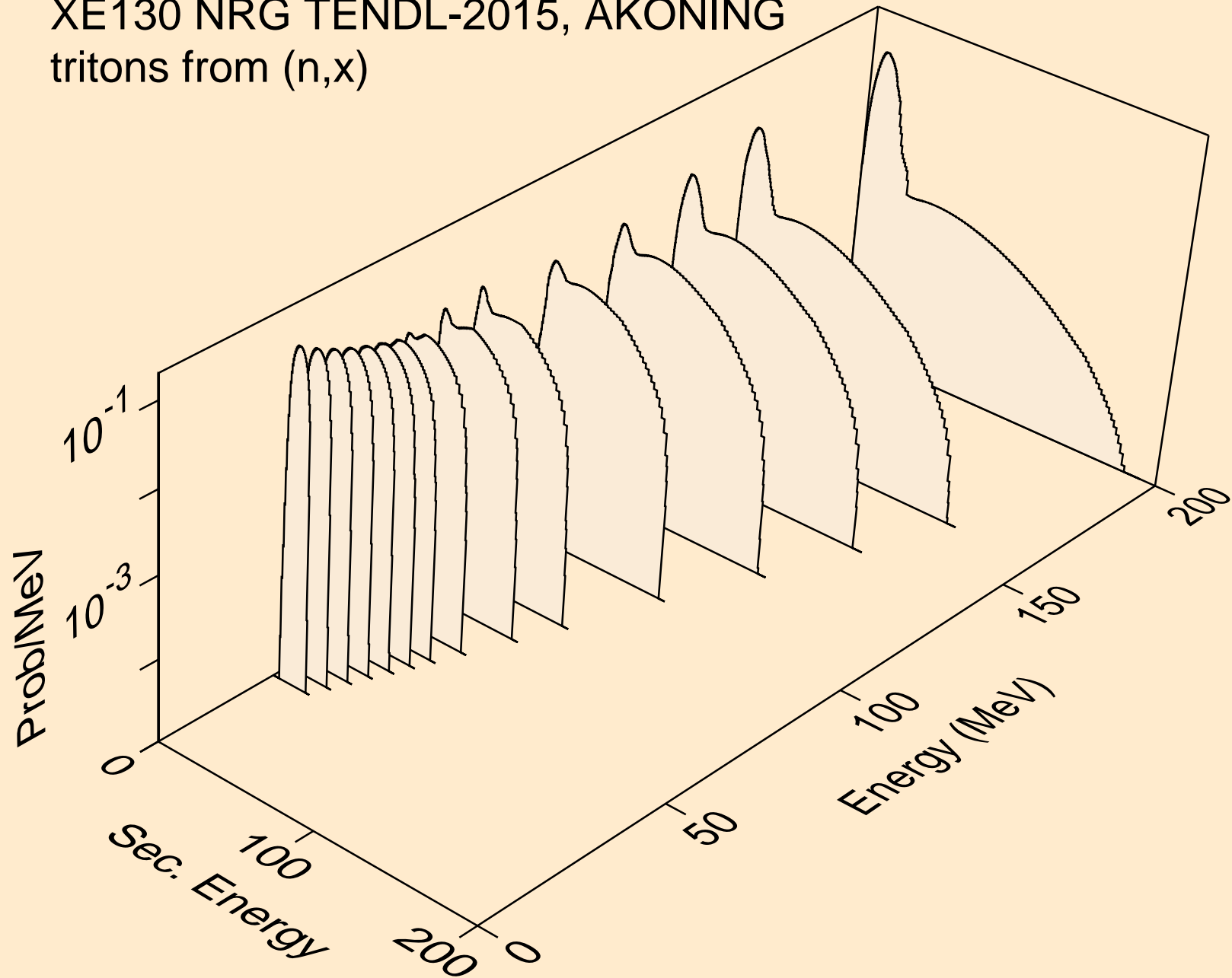
XE130 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



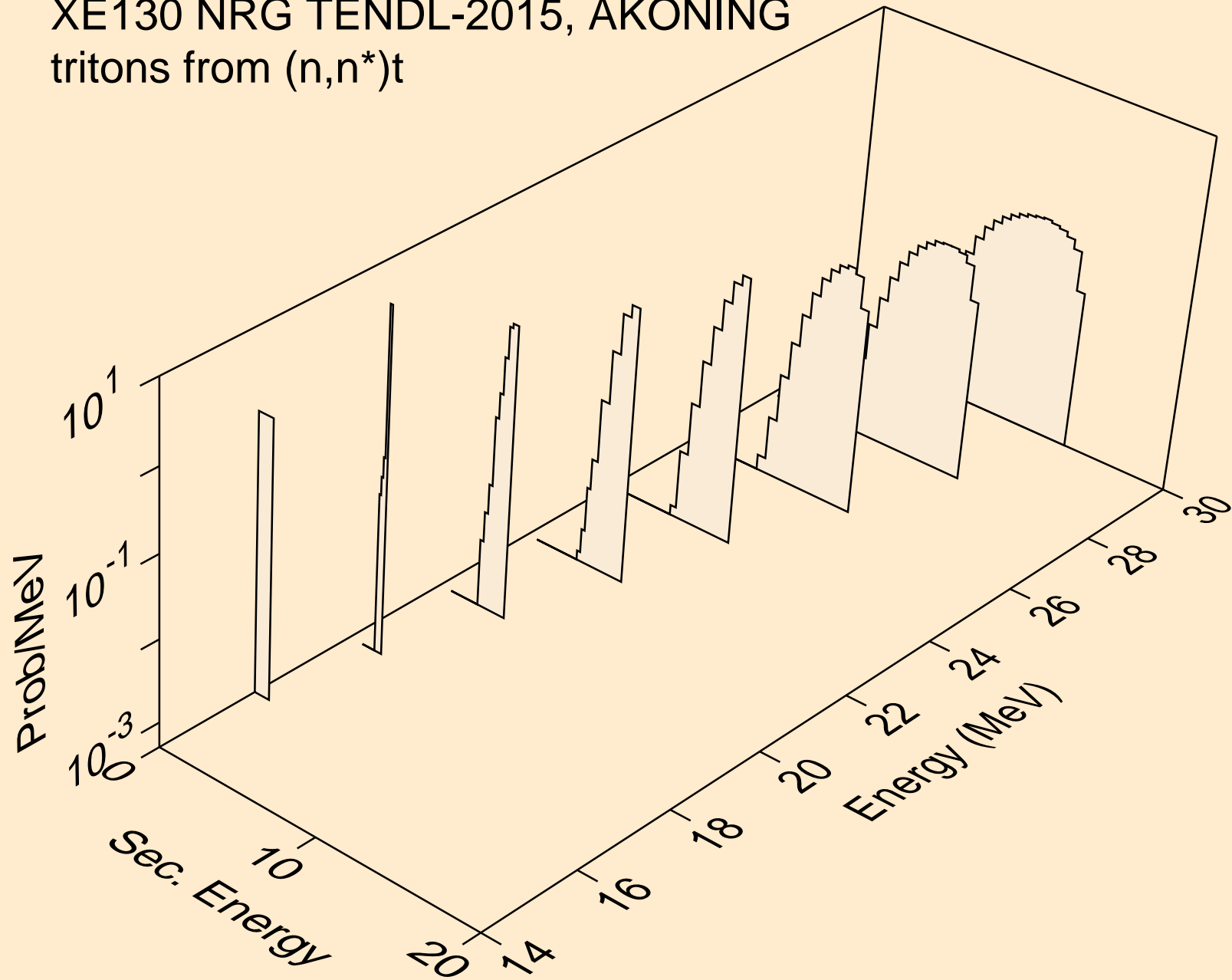
XE130 NRG TENDL-2015, AKONING  
deuterons from (n,da)



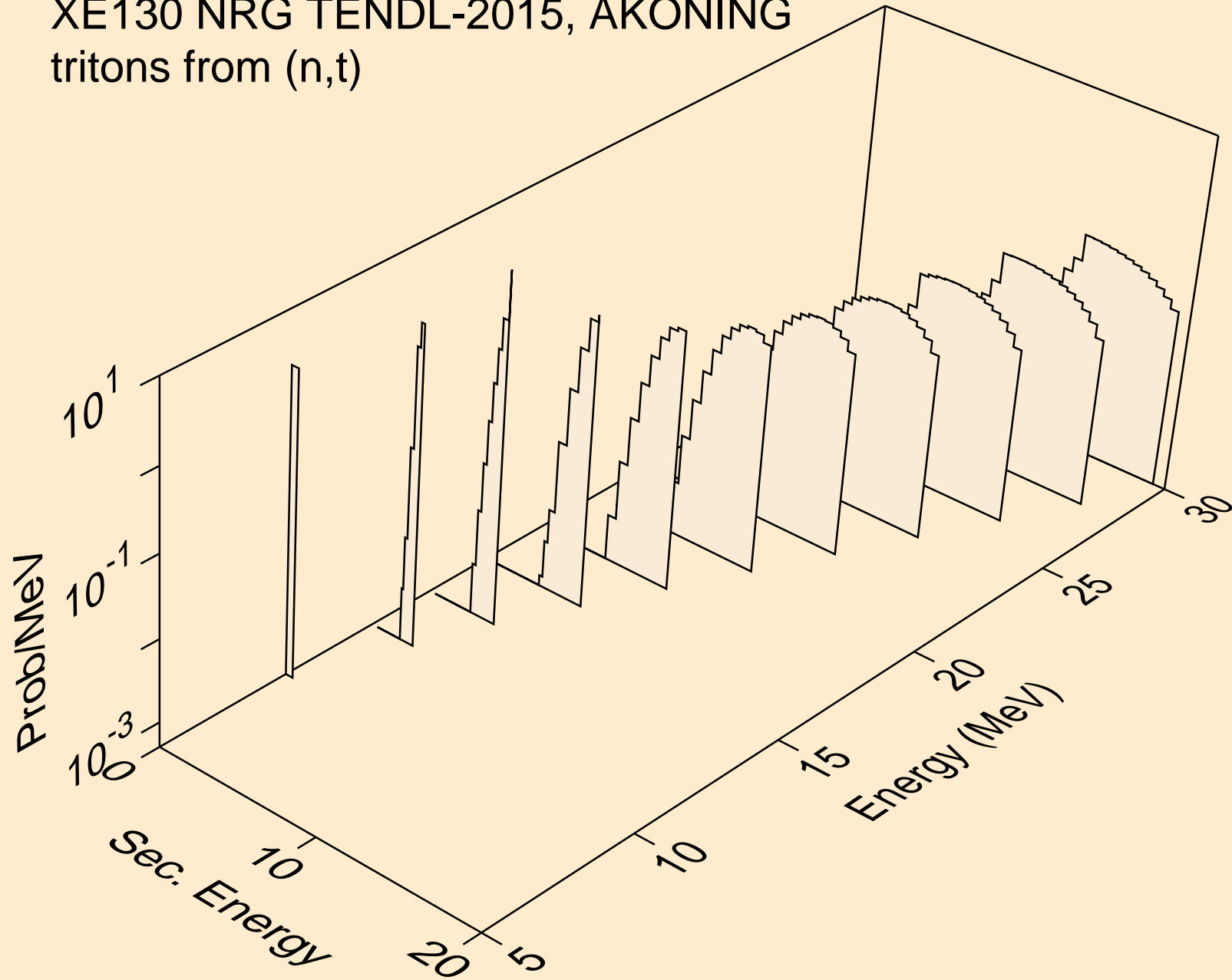
XE130 NRG TENDL-2015, AKONING  
tritons from (n,x)



XE130 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

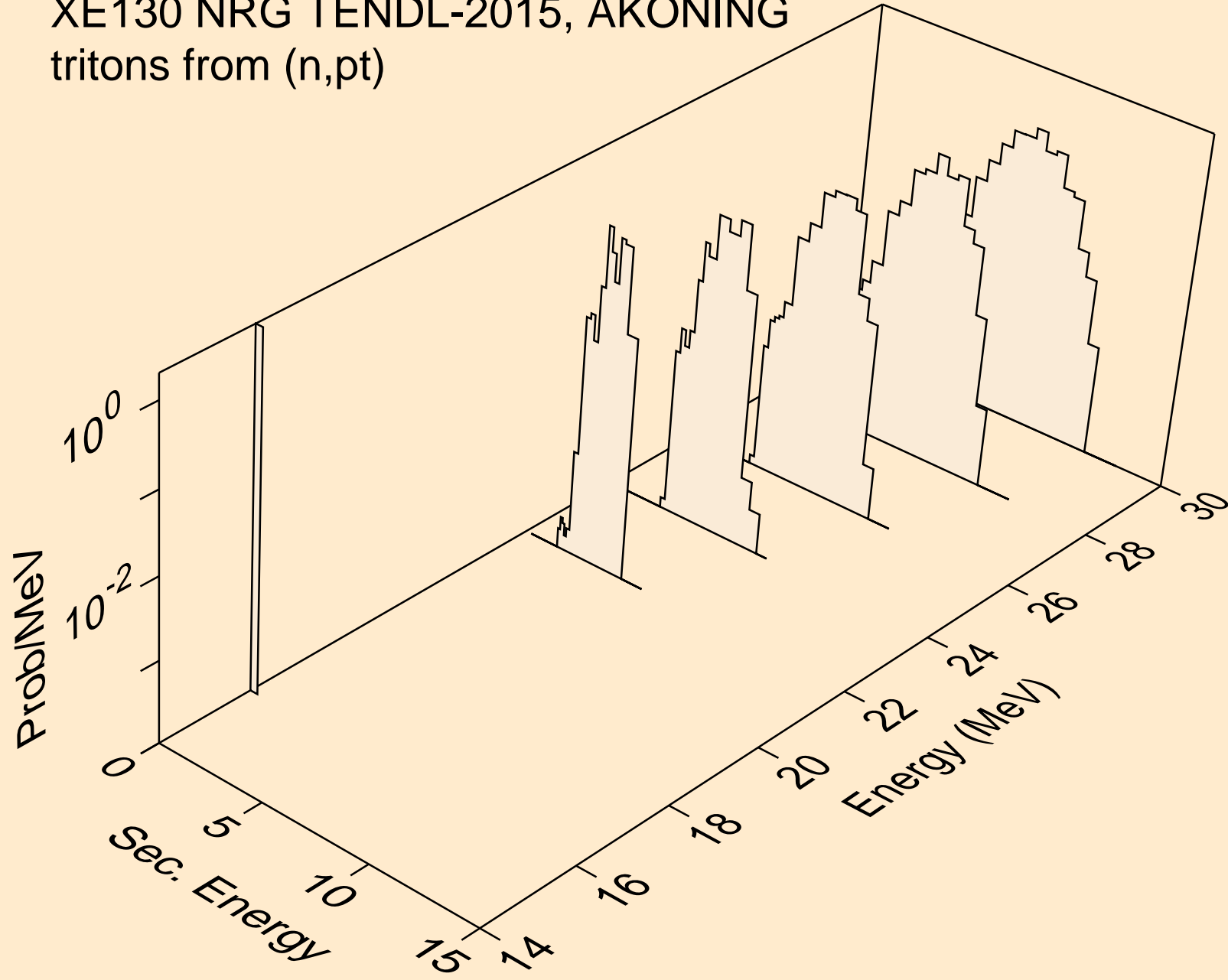


XE130 NRG TENDL-2015, AKONING  
tritons from (n,t)

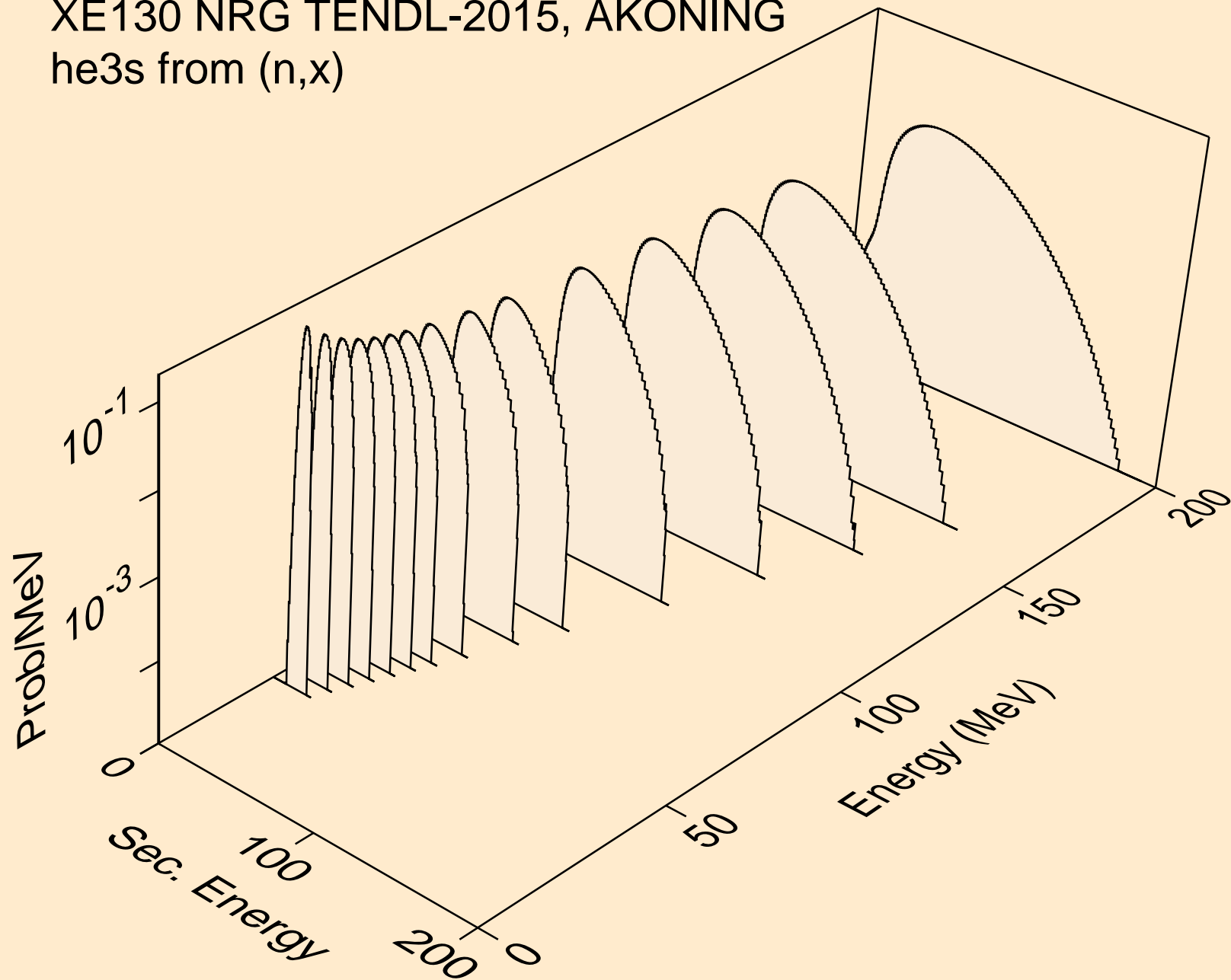




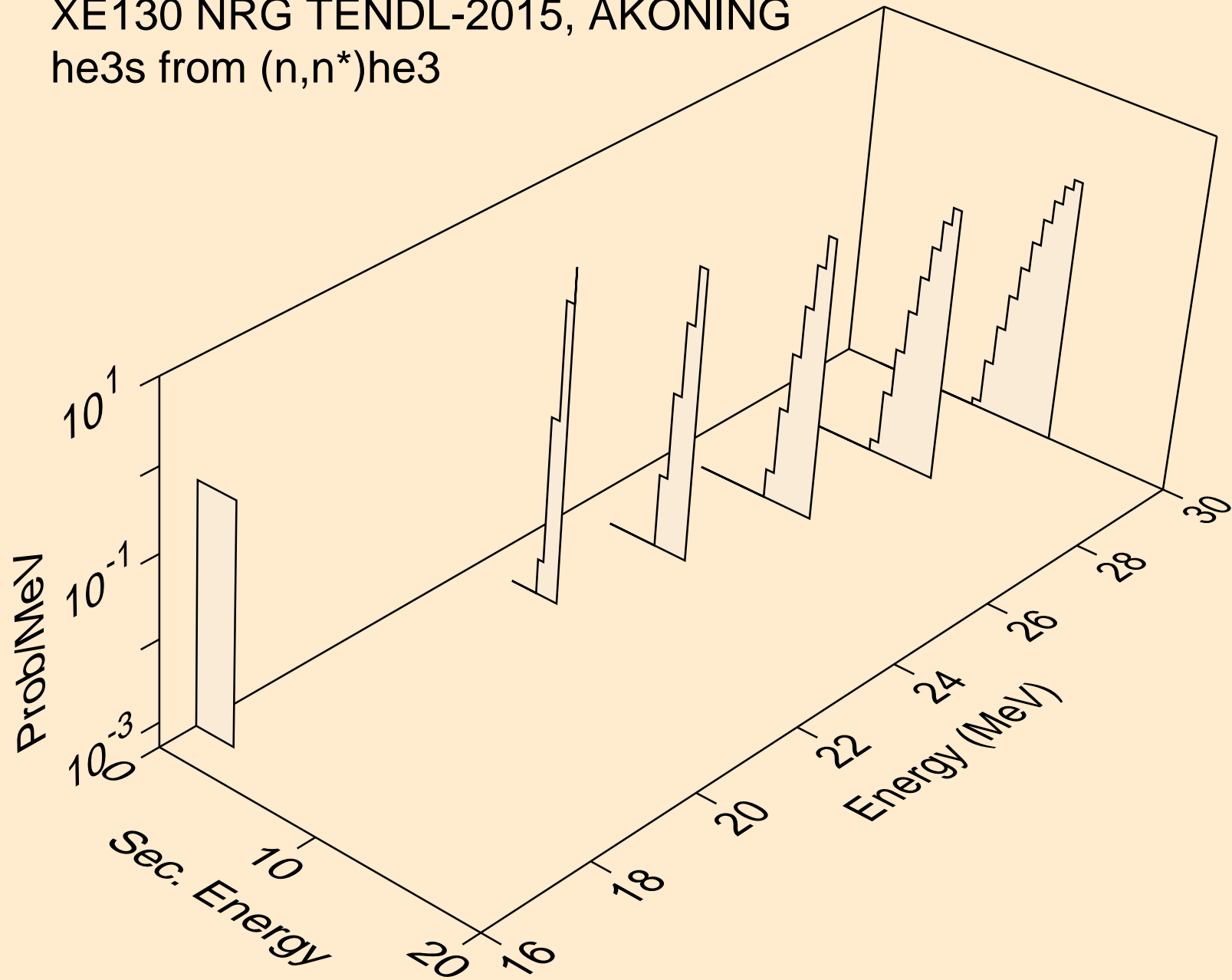
XE130 NRG TENDL-2015, AKONING  
tritons from (n,pt)



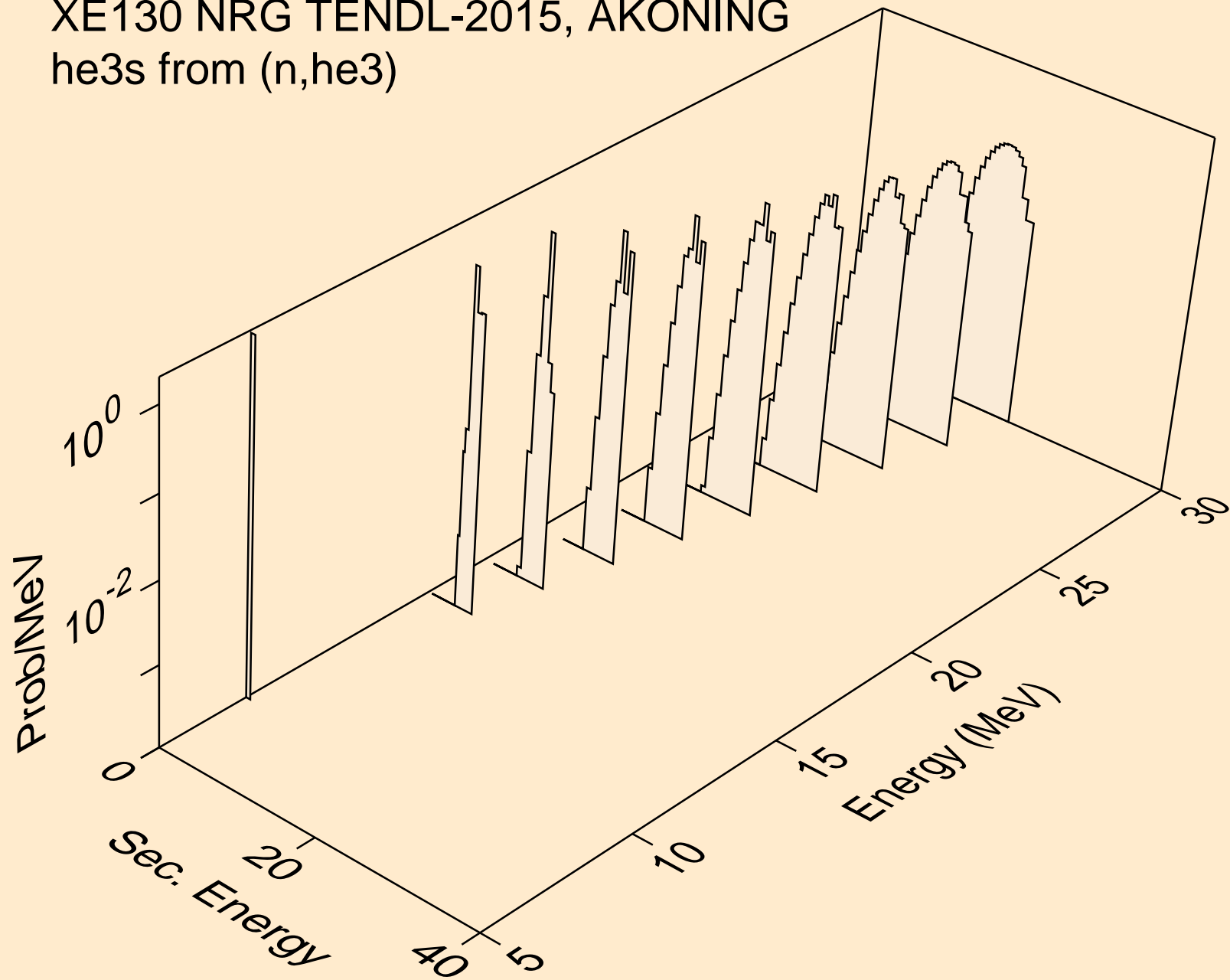
XE130 NRG TENDL-2015, AKONING  
he3s from (n,x)



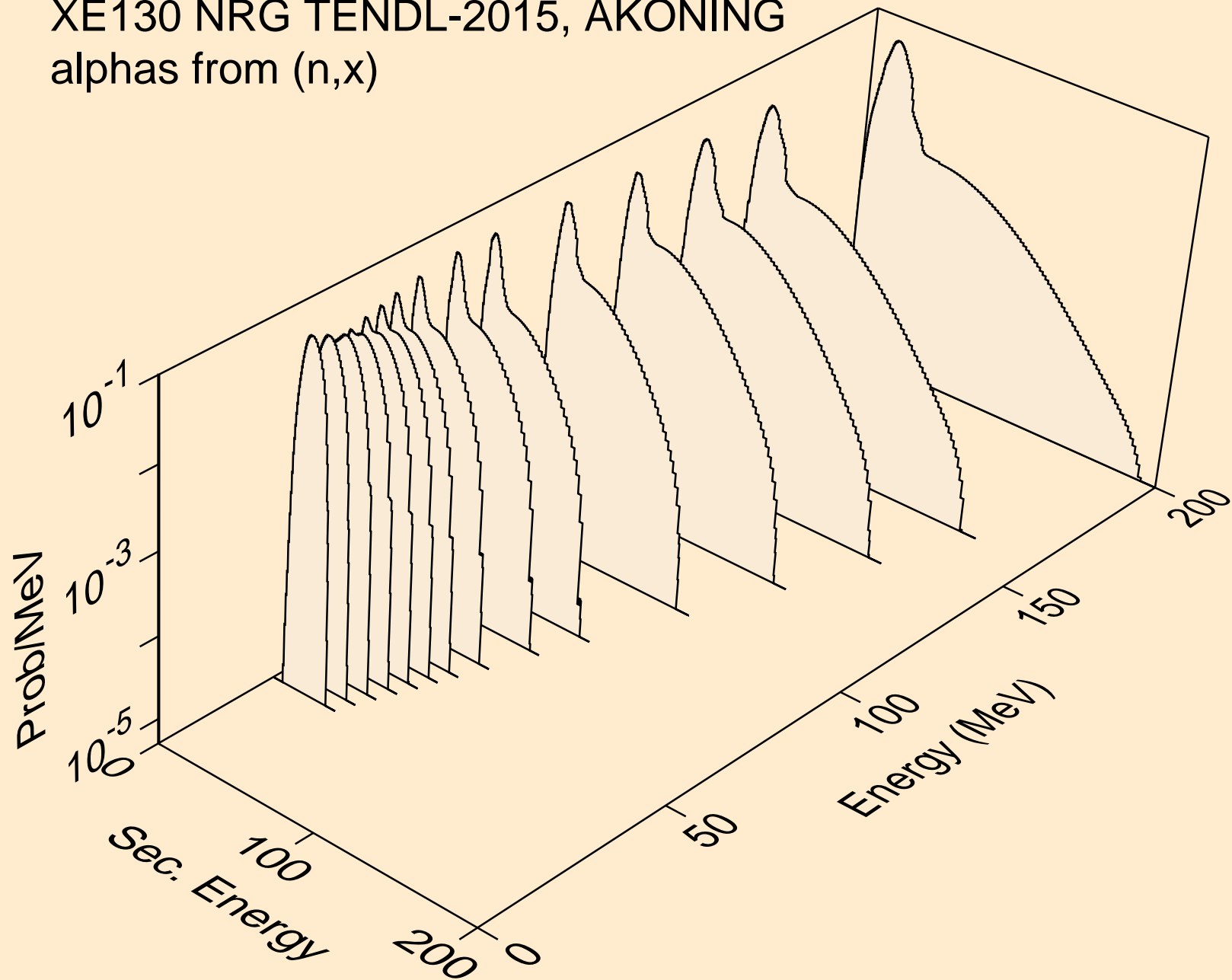
XE130 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



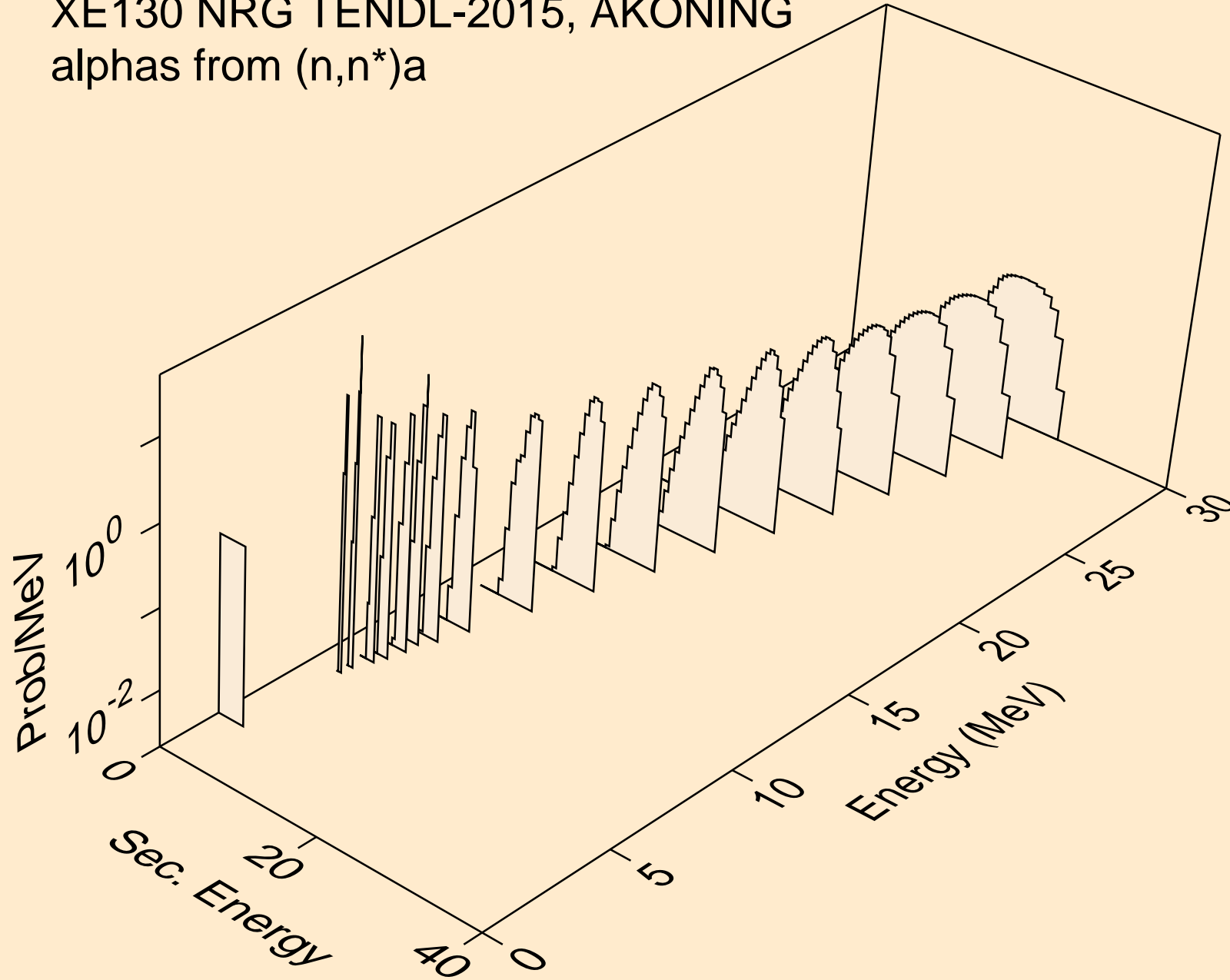
XE130 NRG TENDL-2015, AKONING  
he3s from (n,he3)



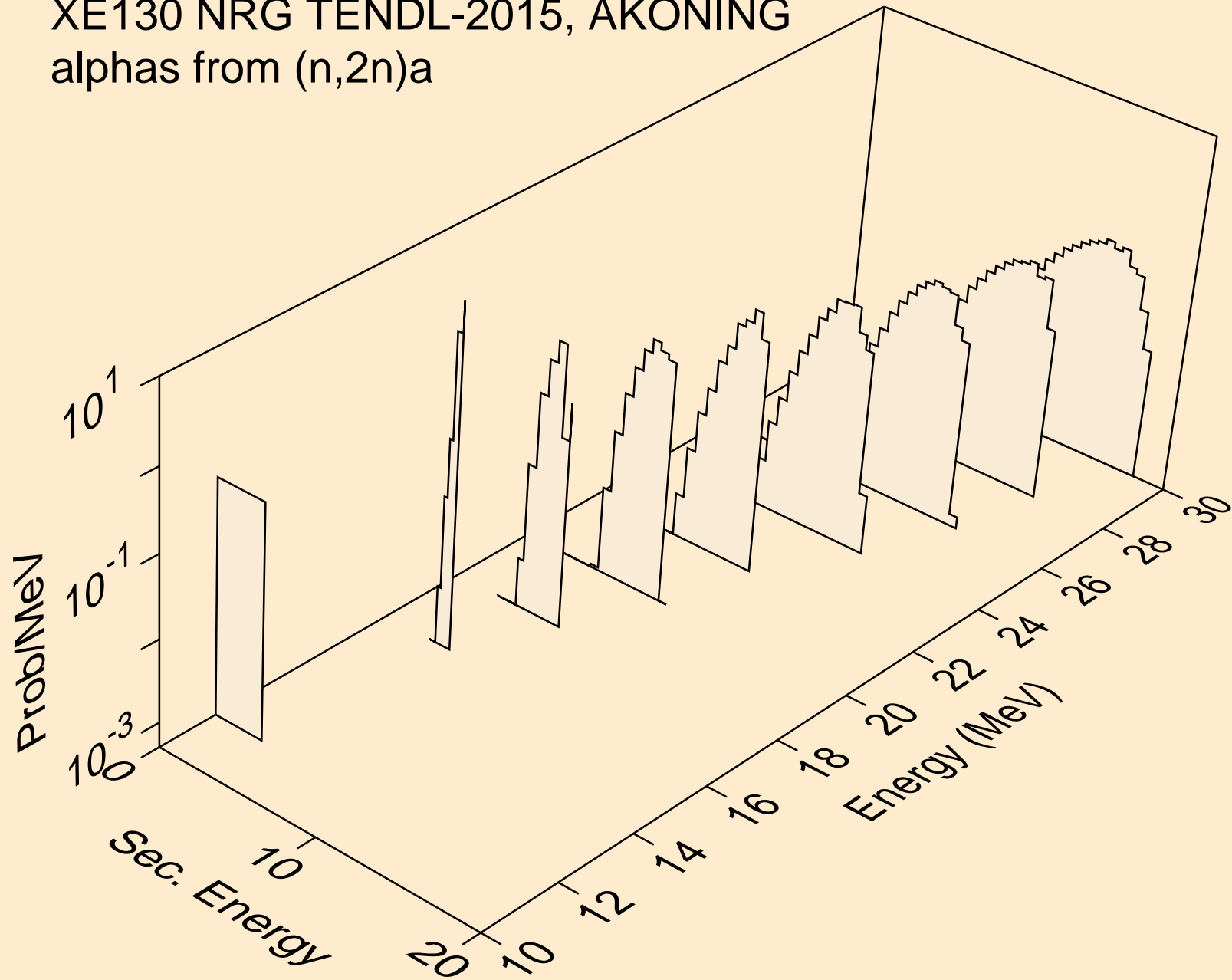
XE130 NRG TENDL-2015, AKONING  
alphas from (n,x)



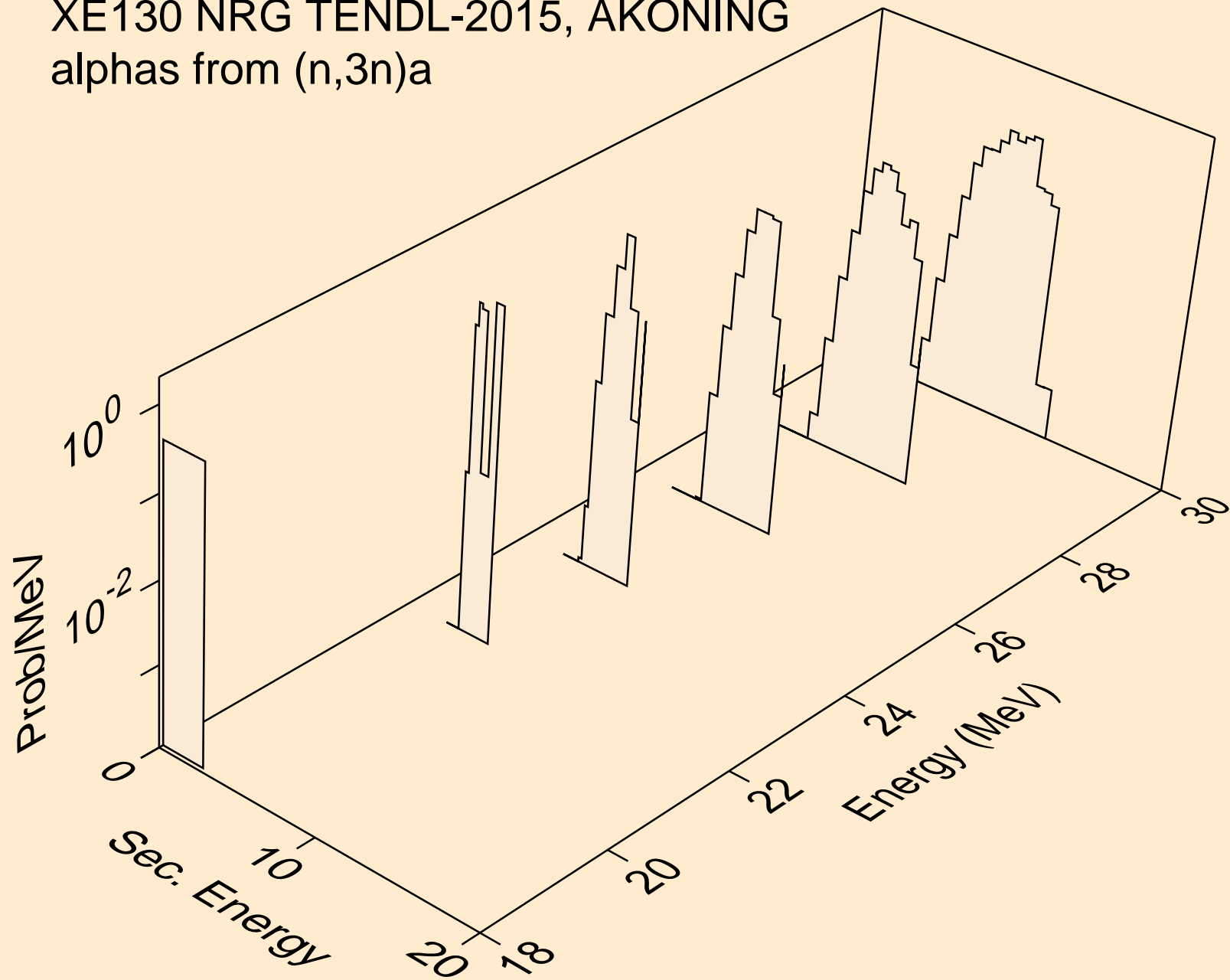
XE130 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



XE130 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

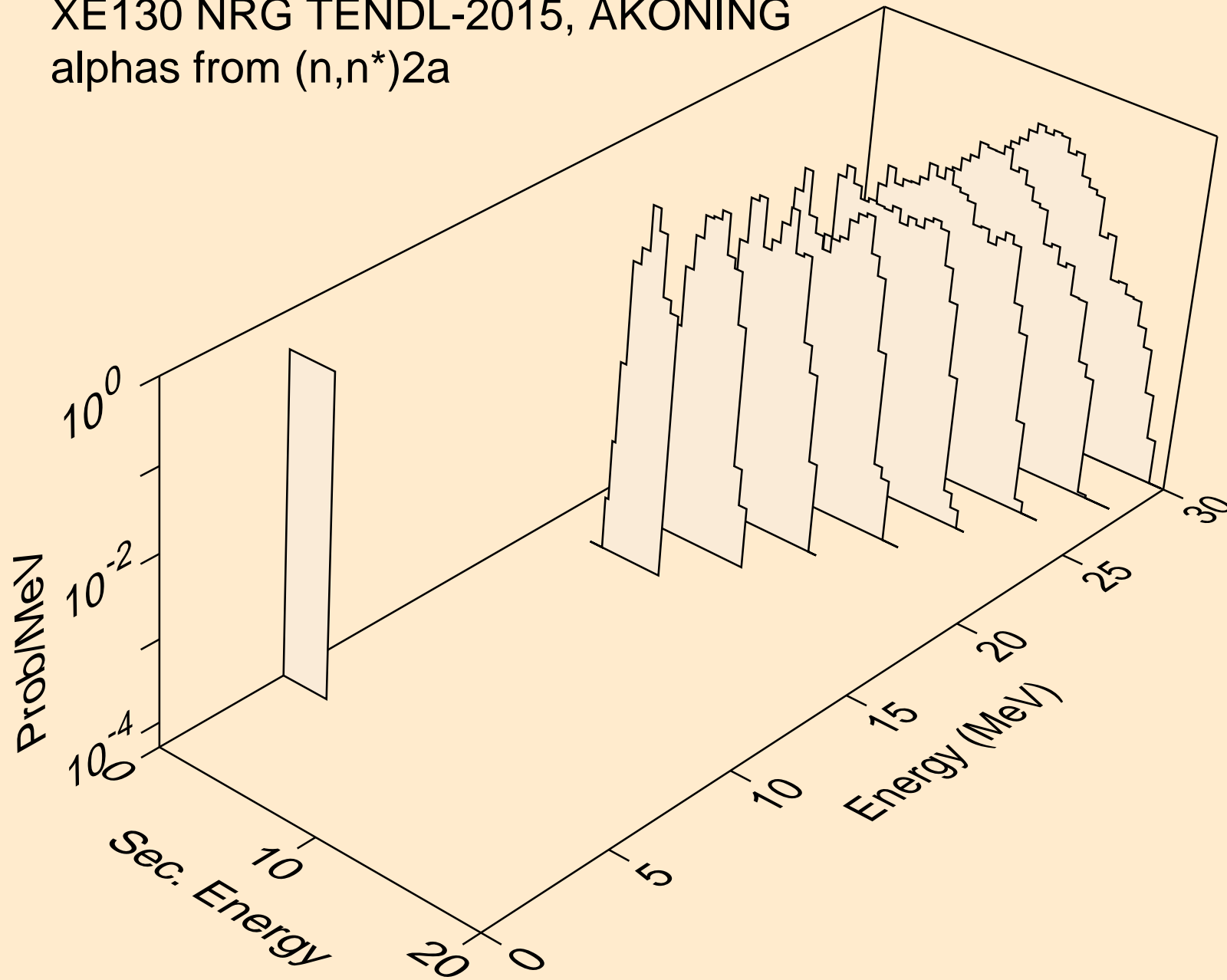


XE130 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

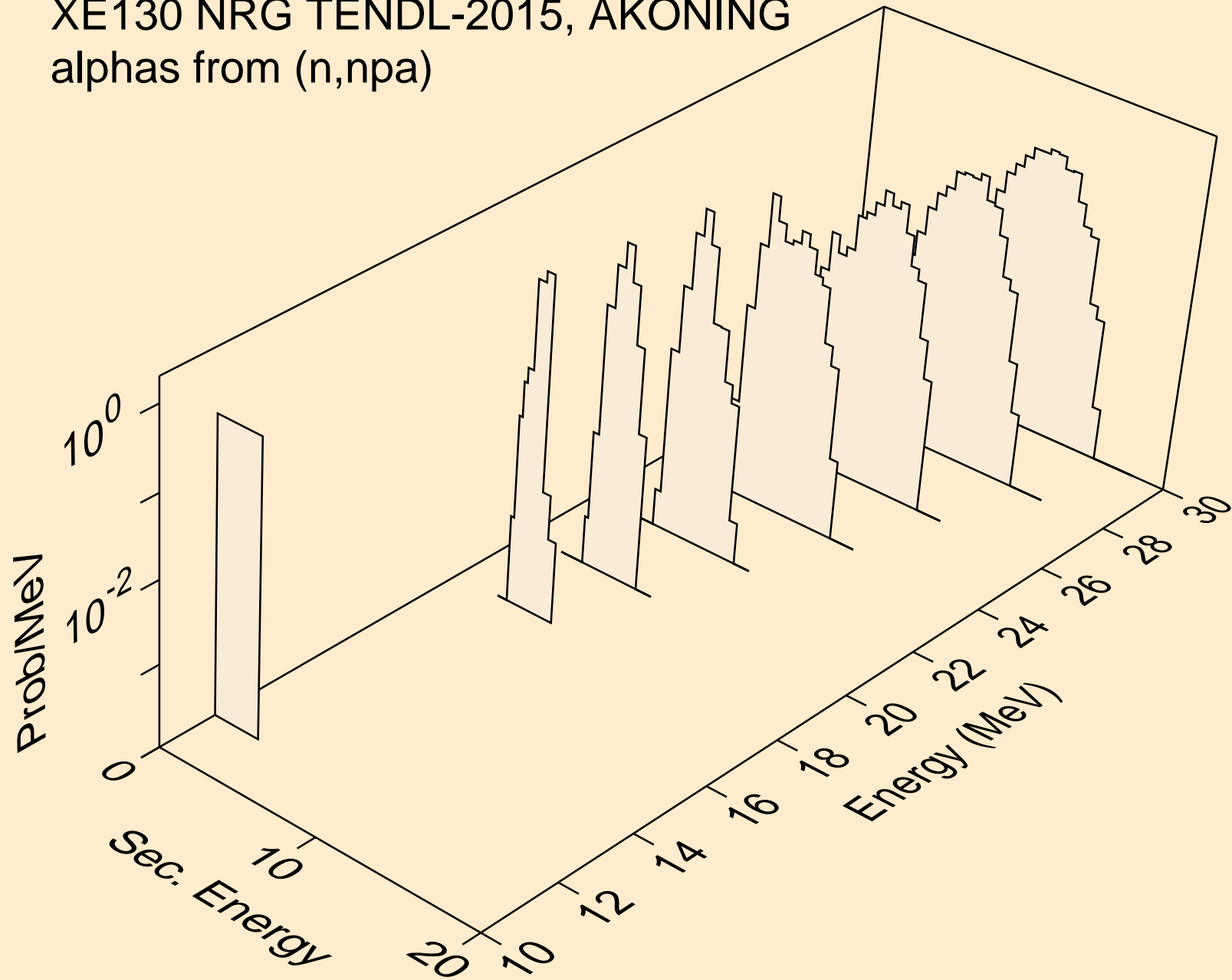




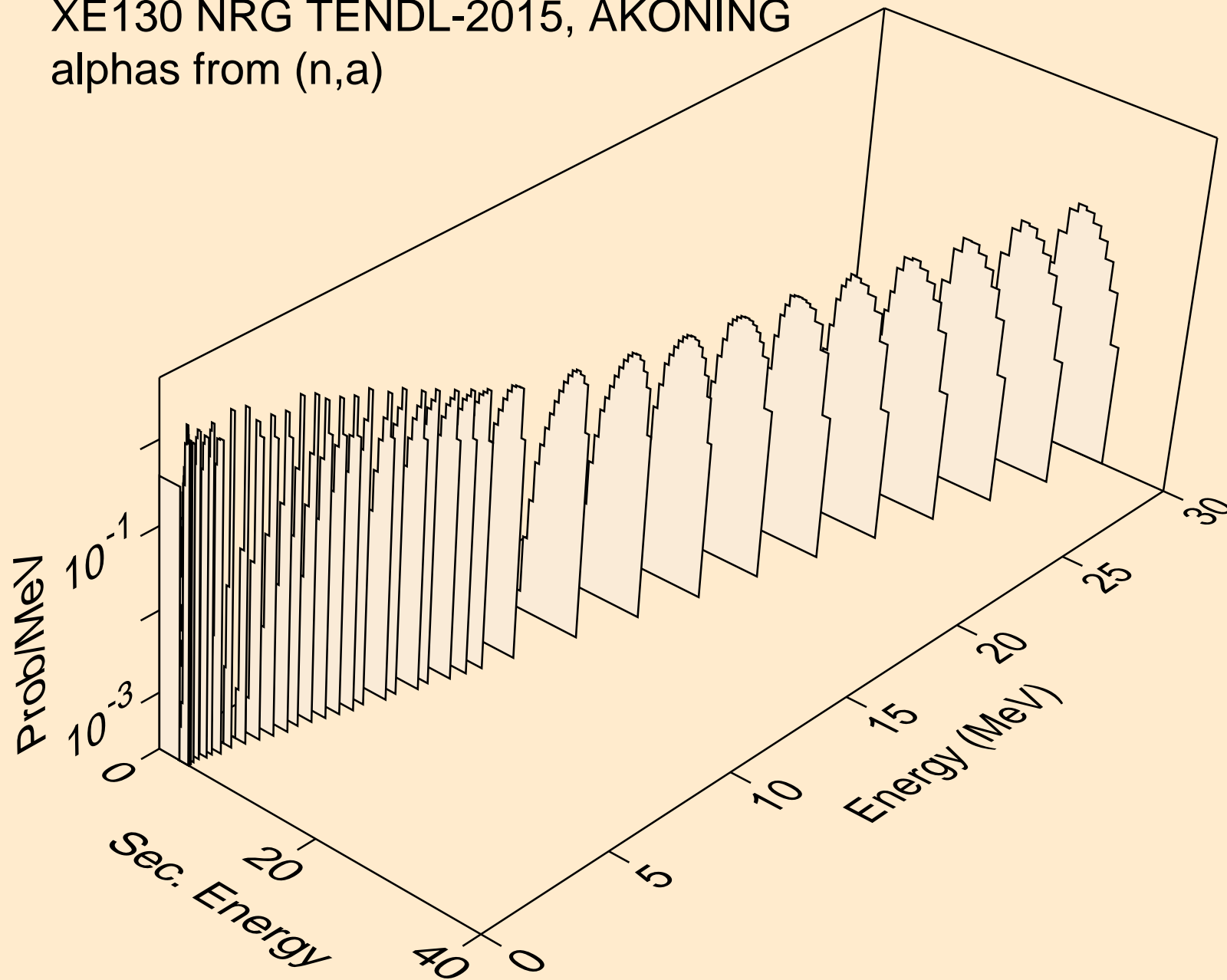
XE130 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



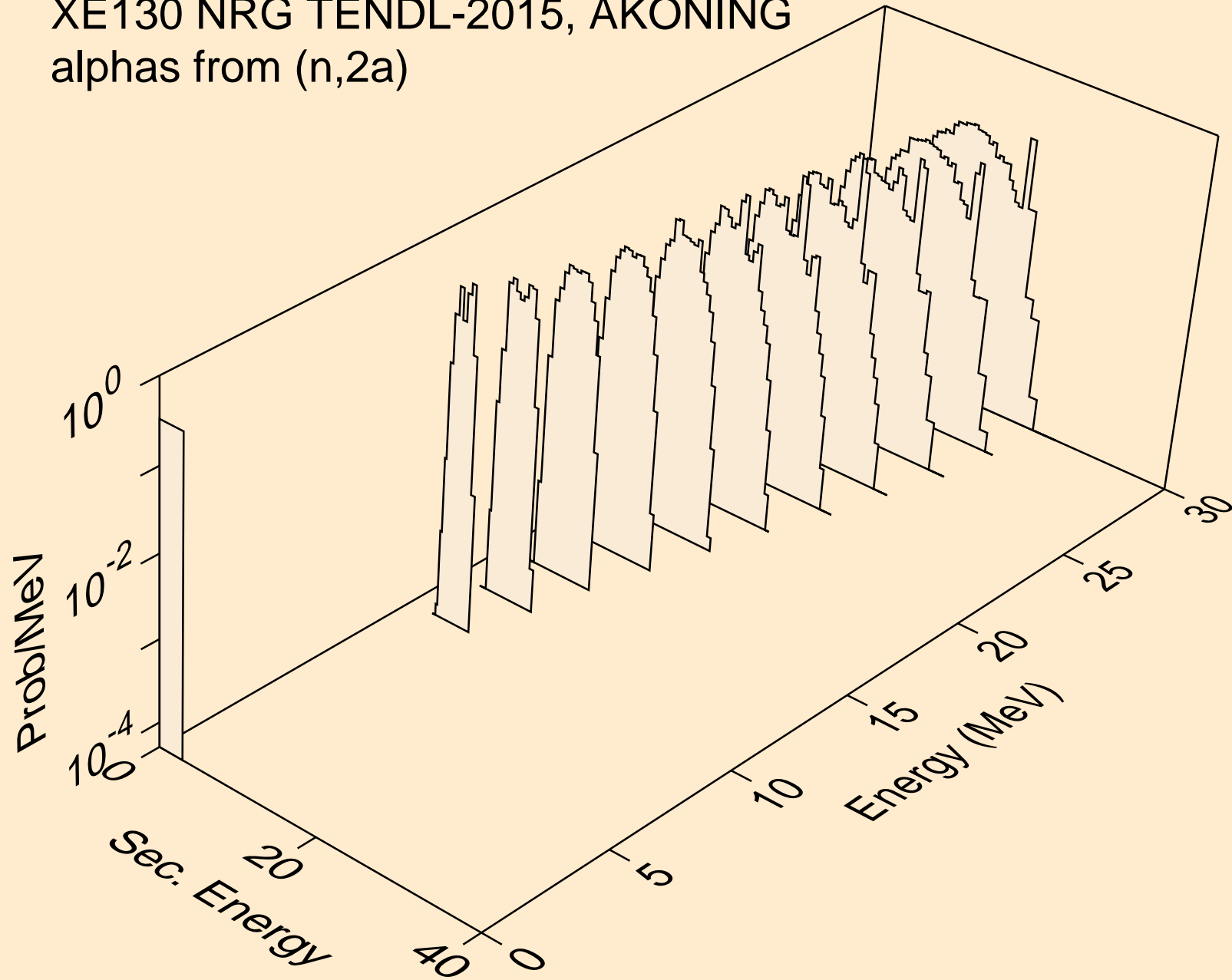
XE130 NRG TENDL-2015, AKONING  
alphas from (n,npa)



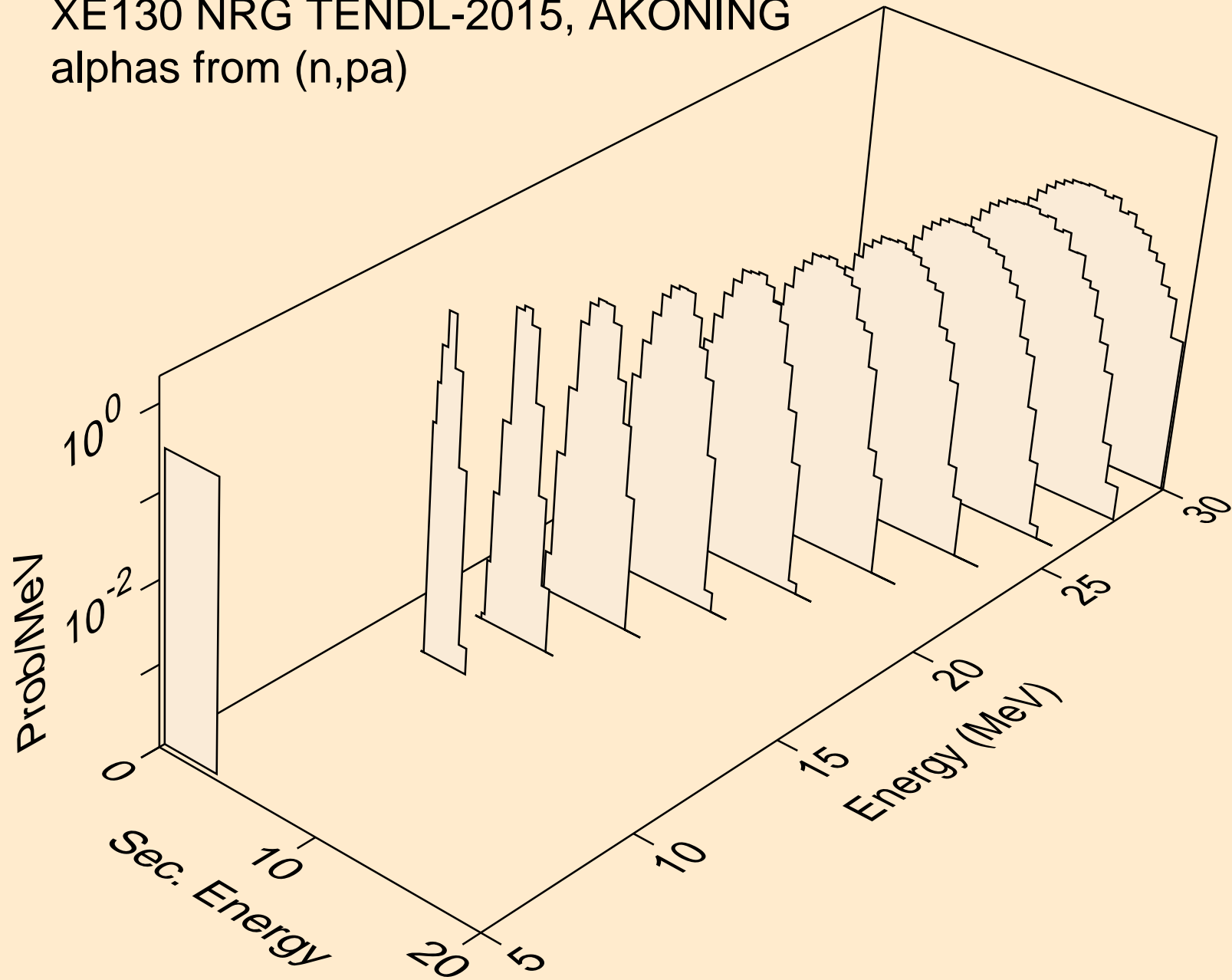
XE130 NRG TENDL-2015, AKONING  
alphas from (n,a)



XE130 NRG TENDL-2015, AKONING  
alphas from (n,2a)



XE130 NRG TENDL-2015, AKONING  
alphas from (n,pa)



XE130 NRG TENDL-2015, AKONING  
alphas from (n,da)

