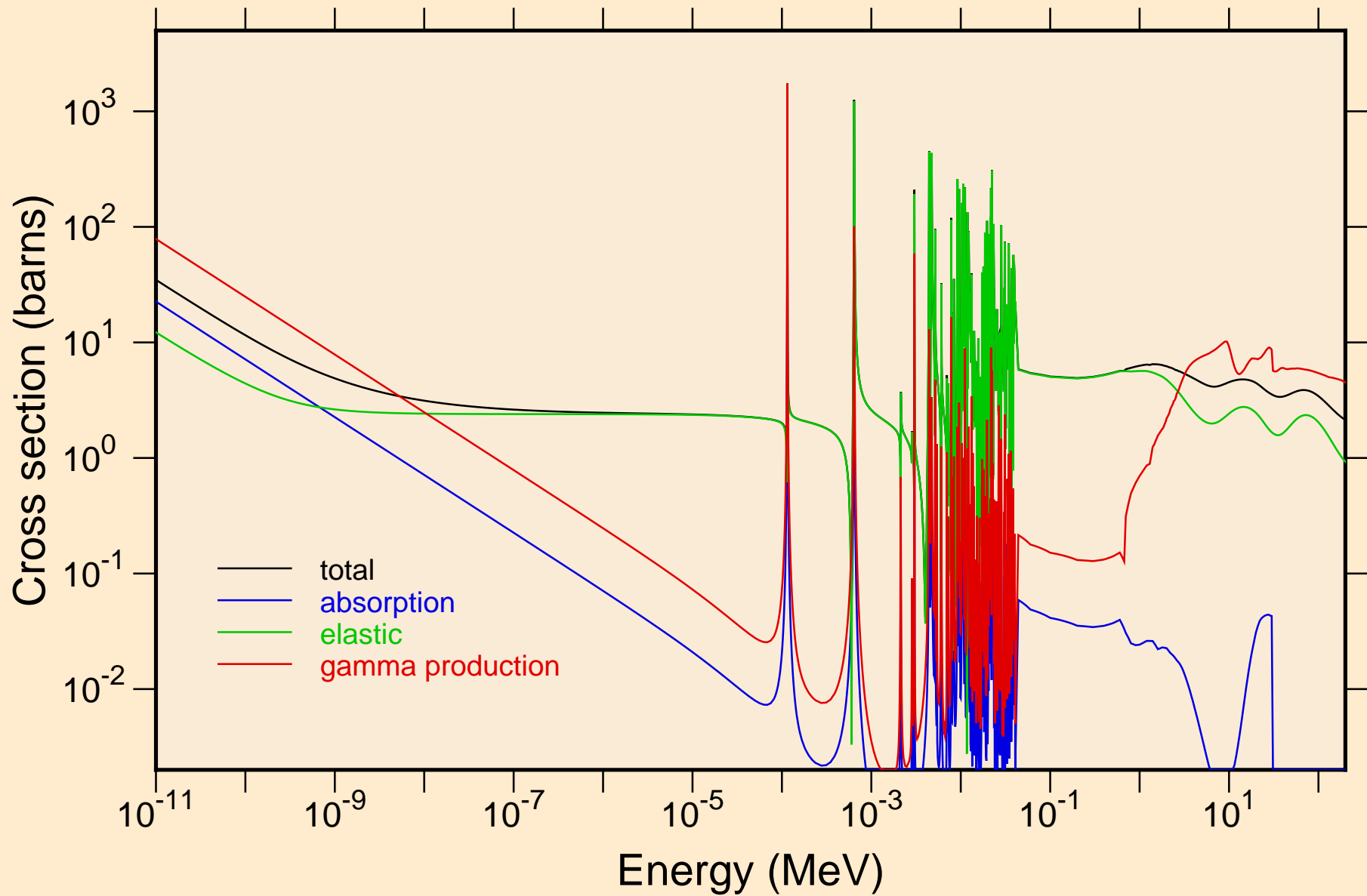
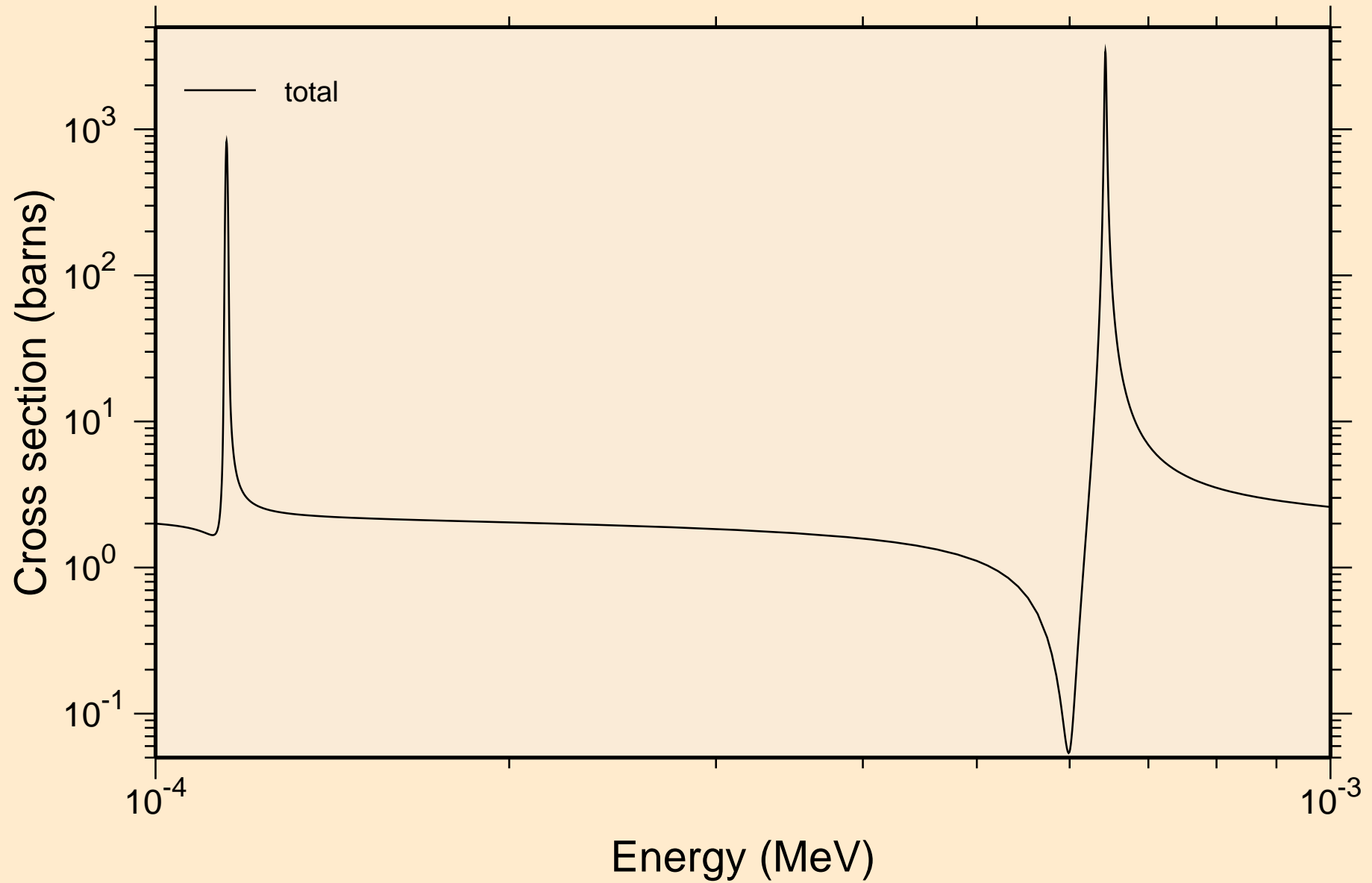


# XE132 NRG TENDL-2015, AKONING

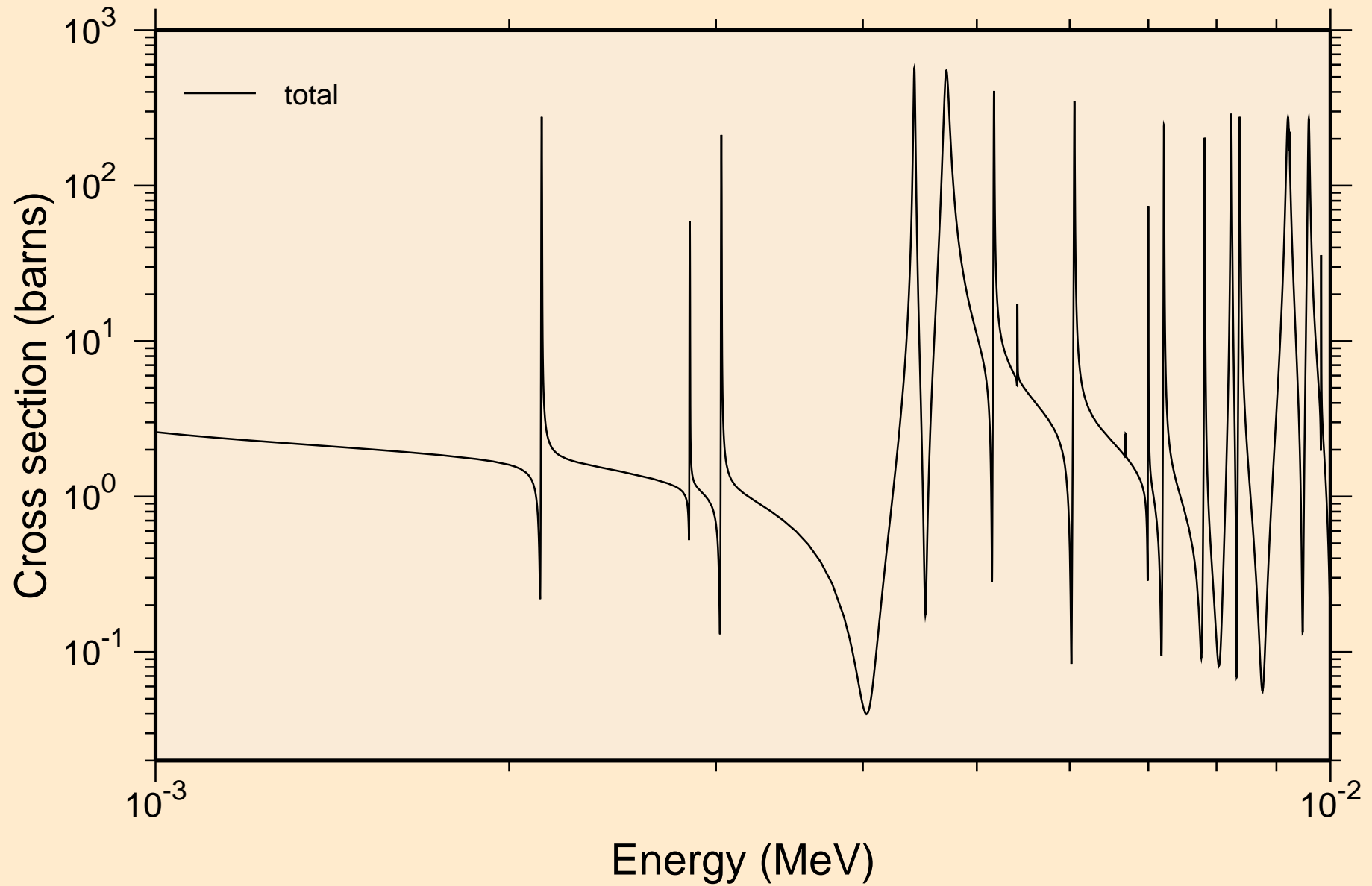
## Principal cross sections



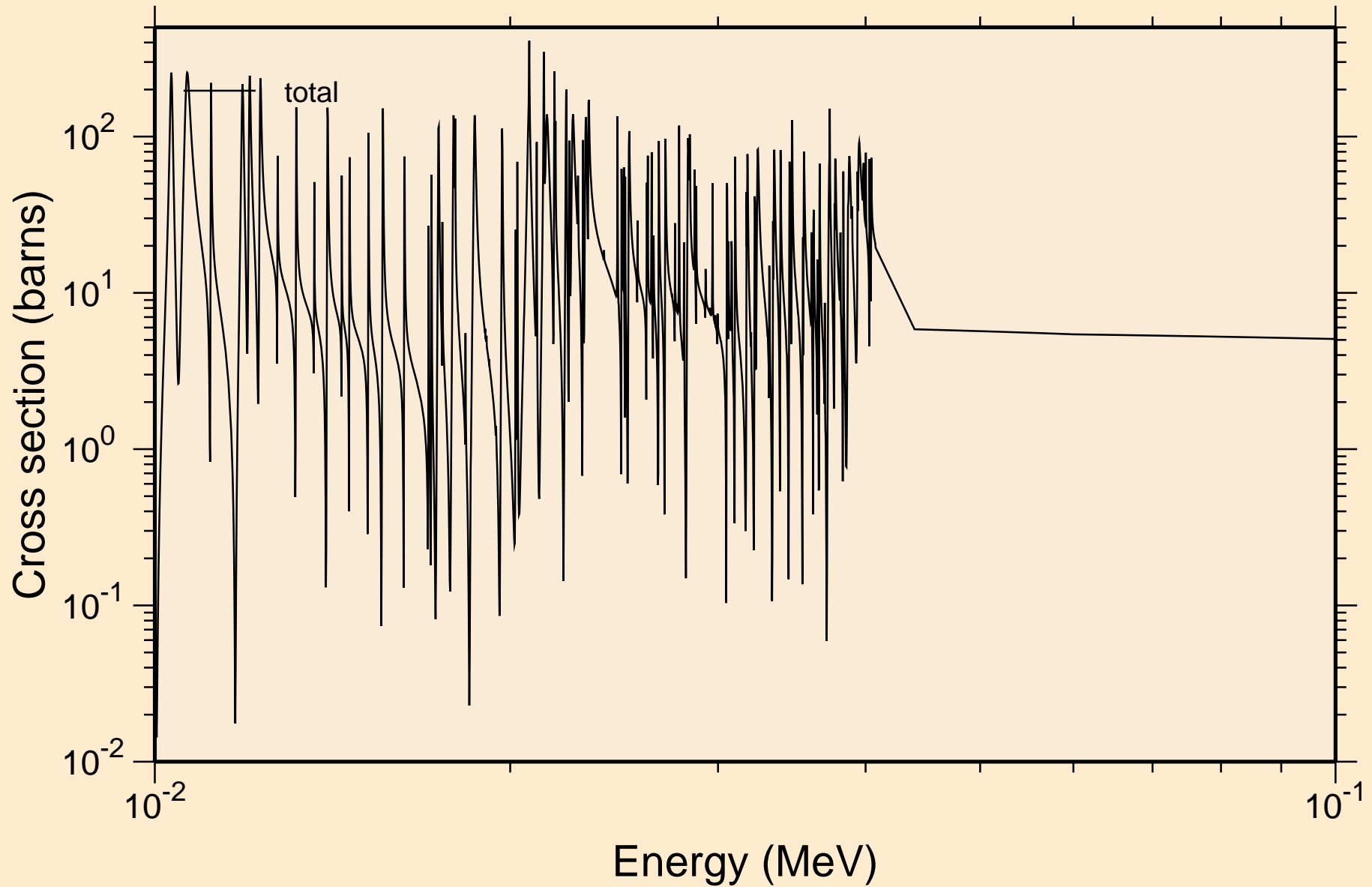
XE132 NRG TENDL-2015, AKONING  
resonance total cross section



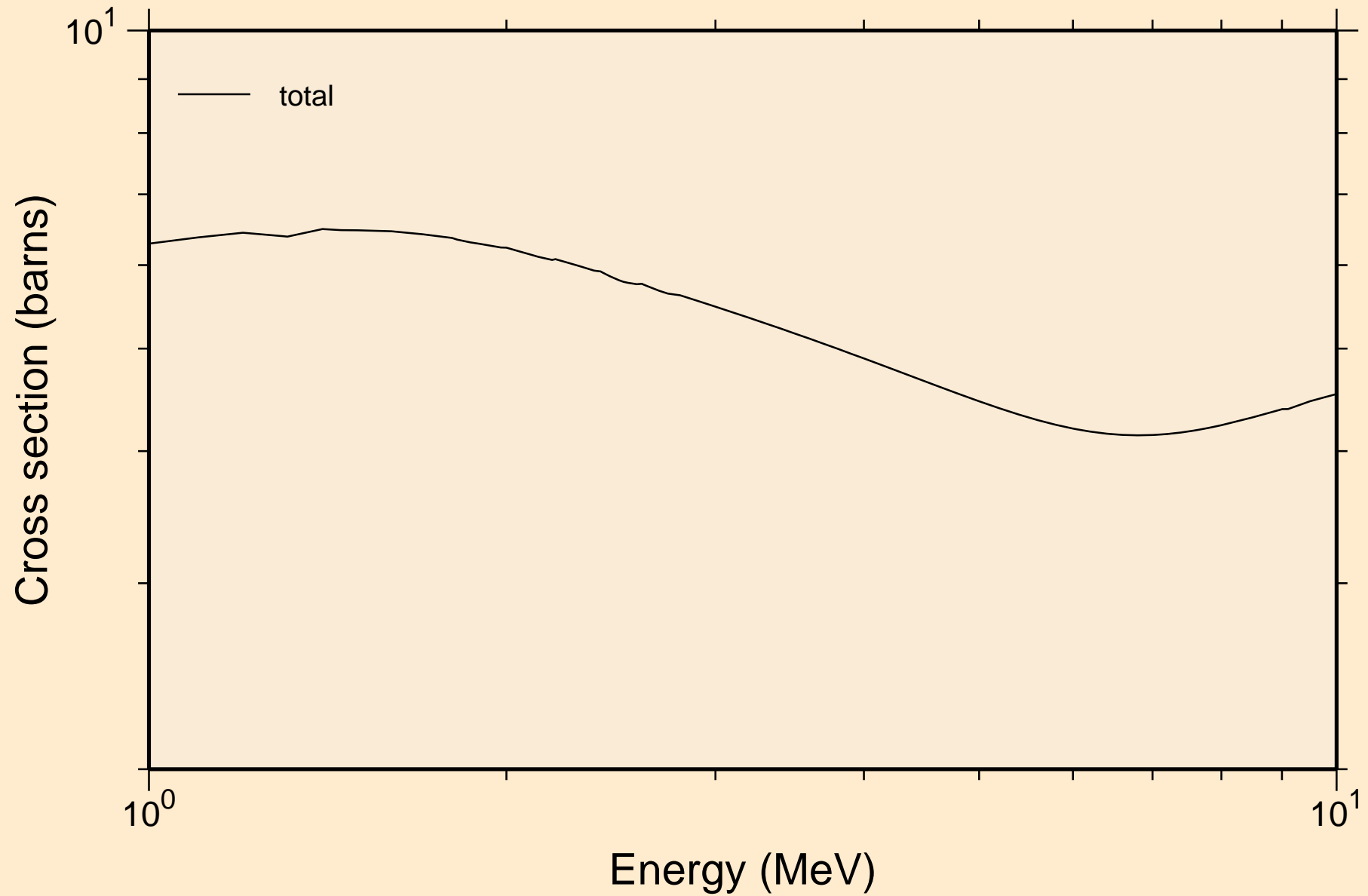
XE132 NRG TENDL-2015, AKONING  
resonance total cross section



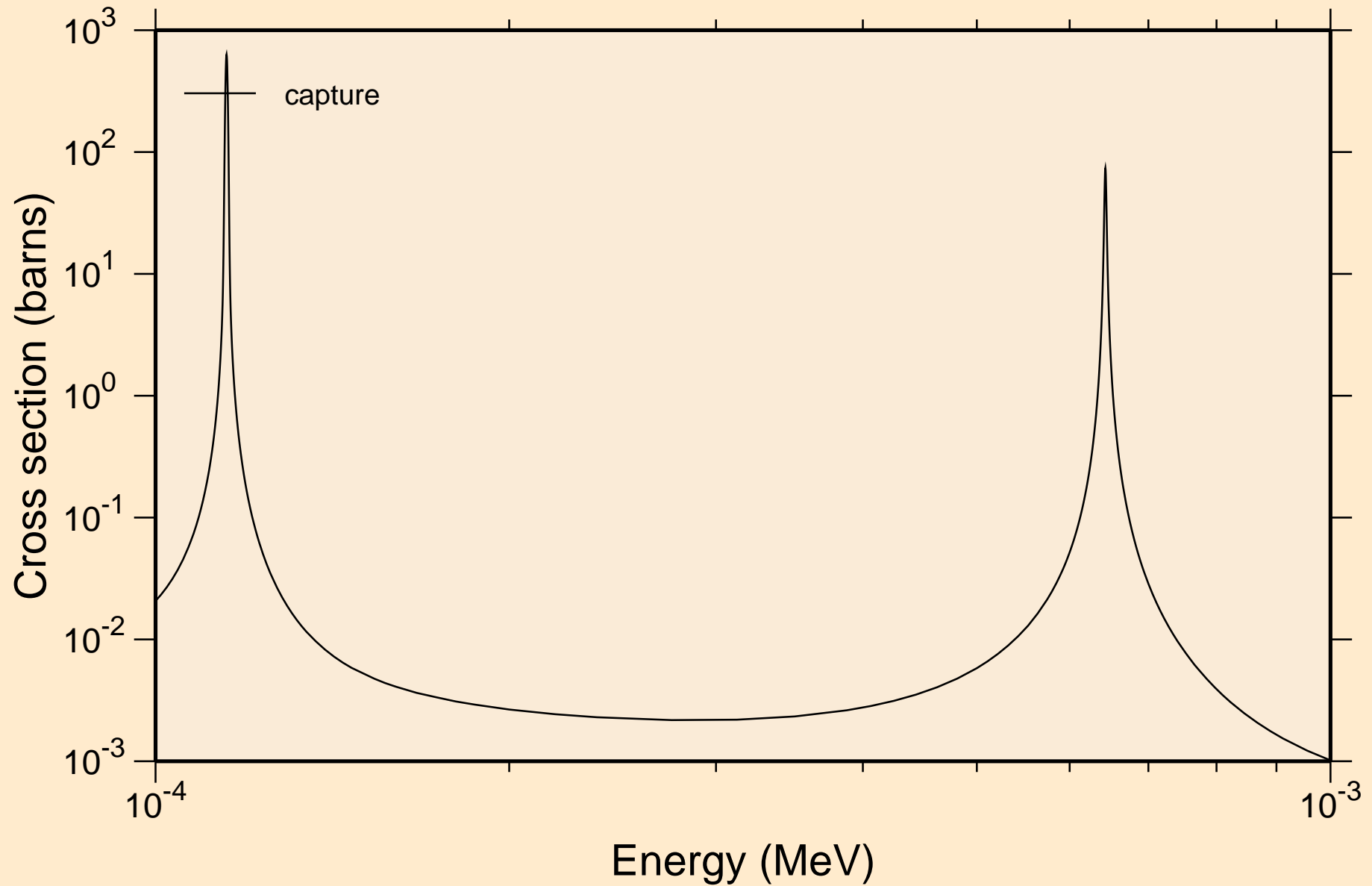
XE132 NRG TENDL-2015, AKONING  
resonance total cross section



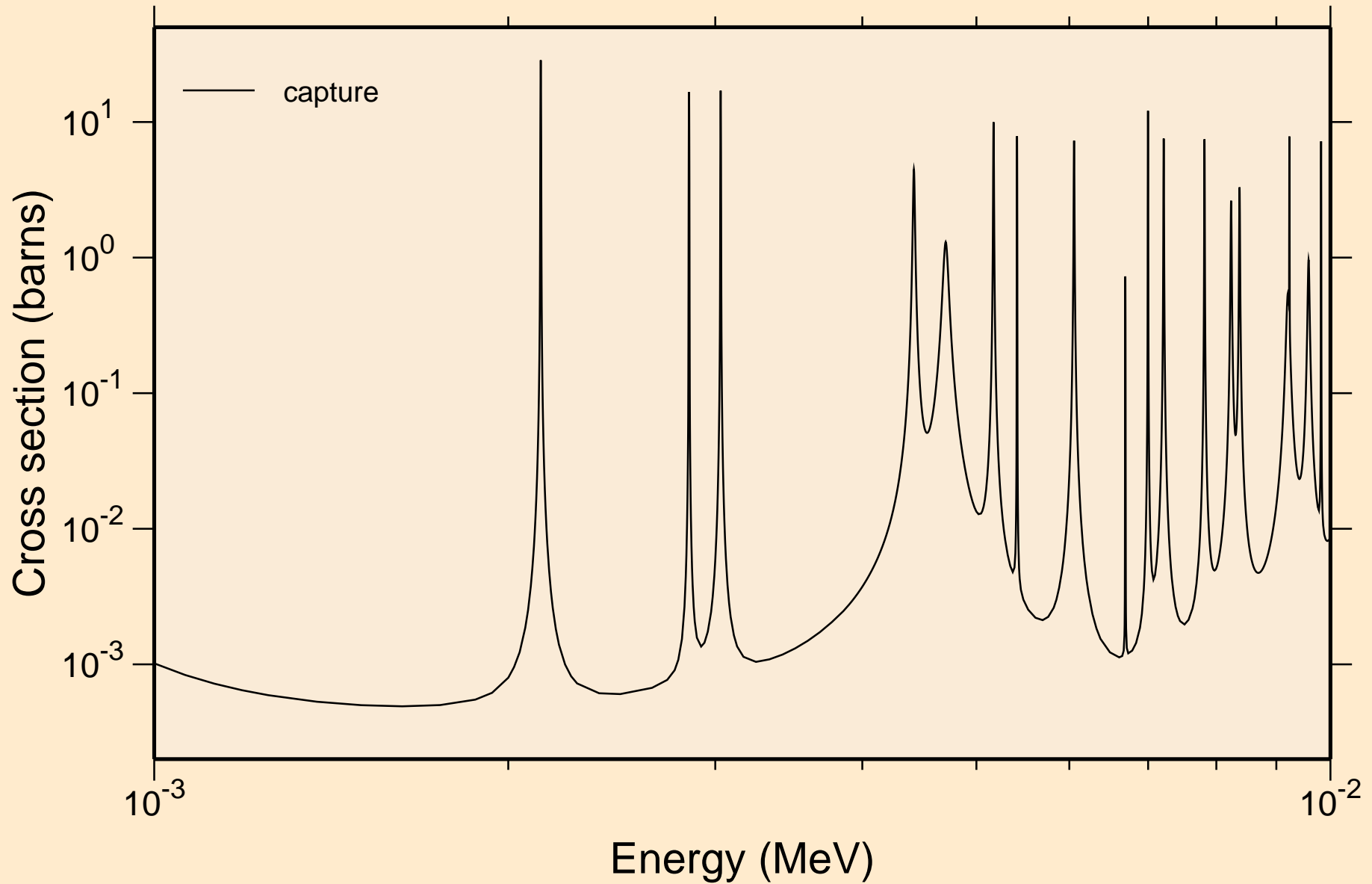
XE132 NRG TENDL-2015, AKONING  
resonance total cross section



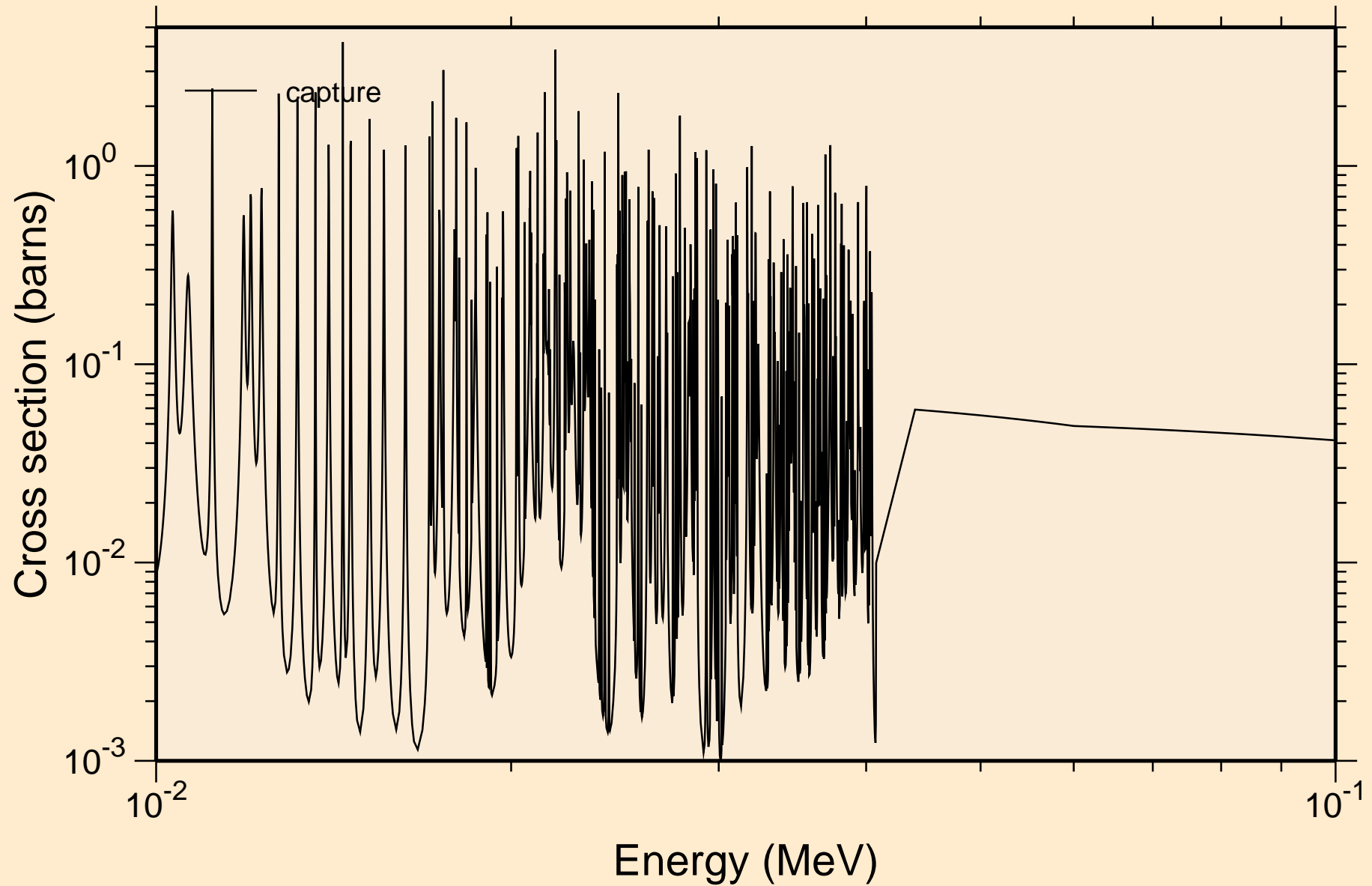
XE132 NRG TENDL-2015, AKONING  
resonance absorption cross sections



XE132 NRG TENDL-2015, AKONING  
resonance absorption cross sections

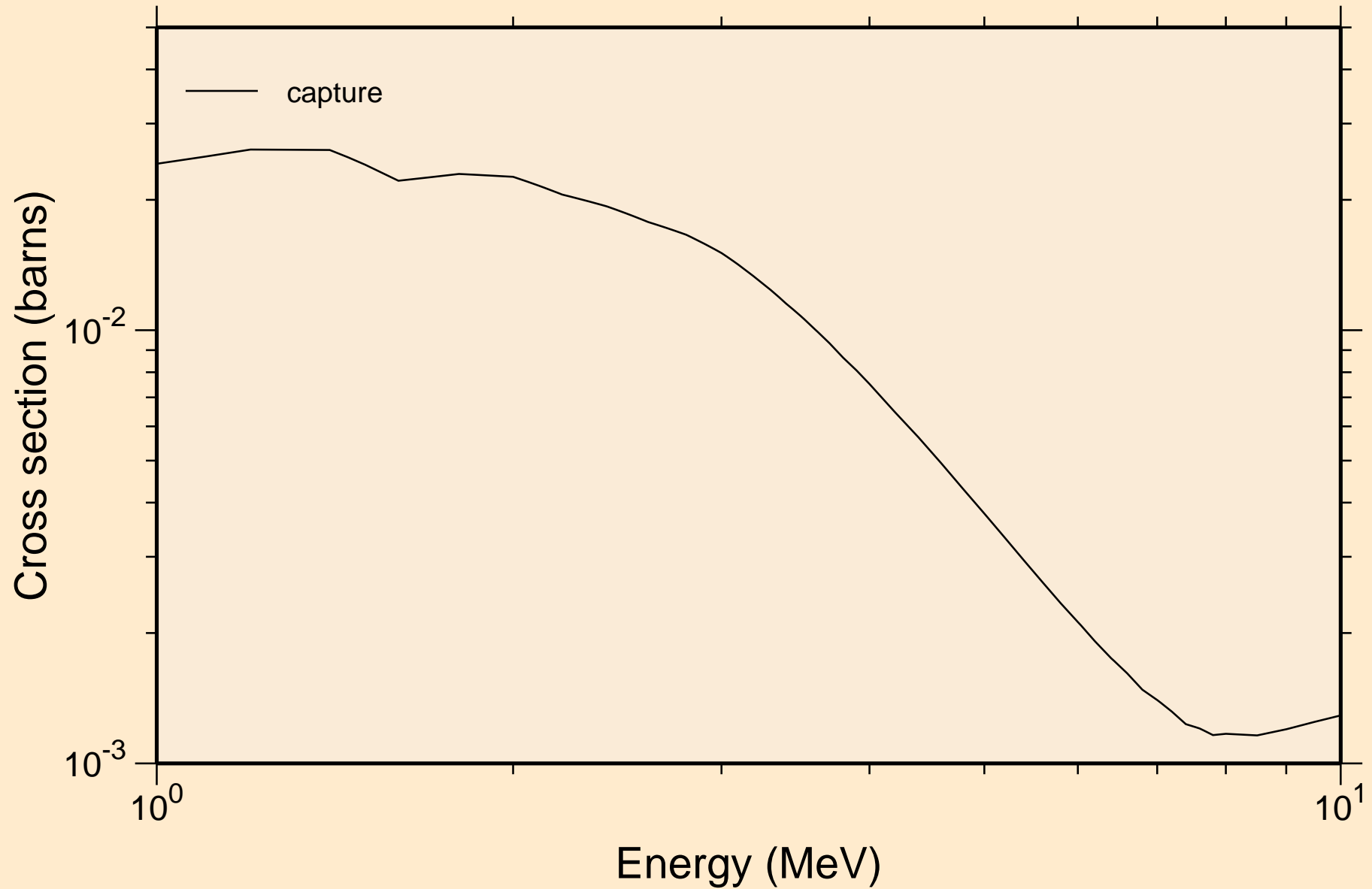


XE132 NRG TENDL-2015, AKONING  
resonance absorption cross sections



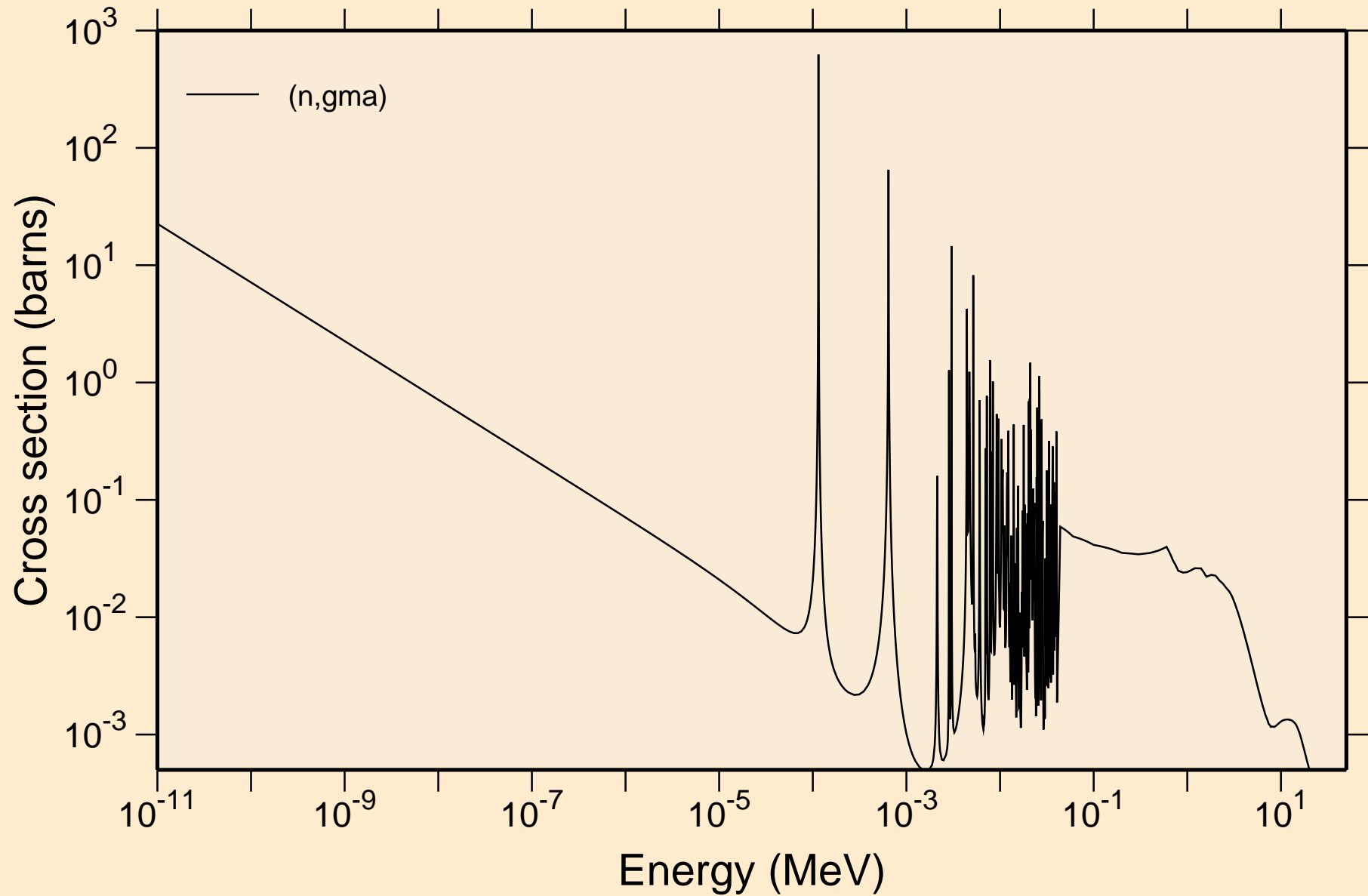


XE132 NRG TENDL-2015, AKONING  
resonance absorption cross sections



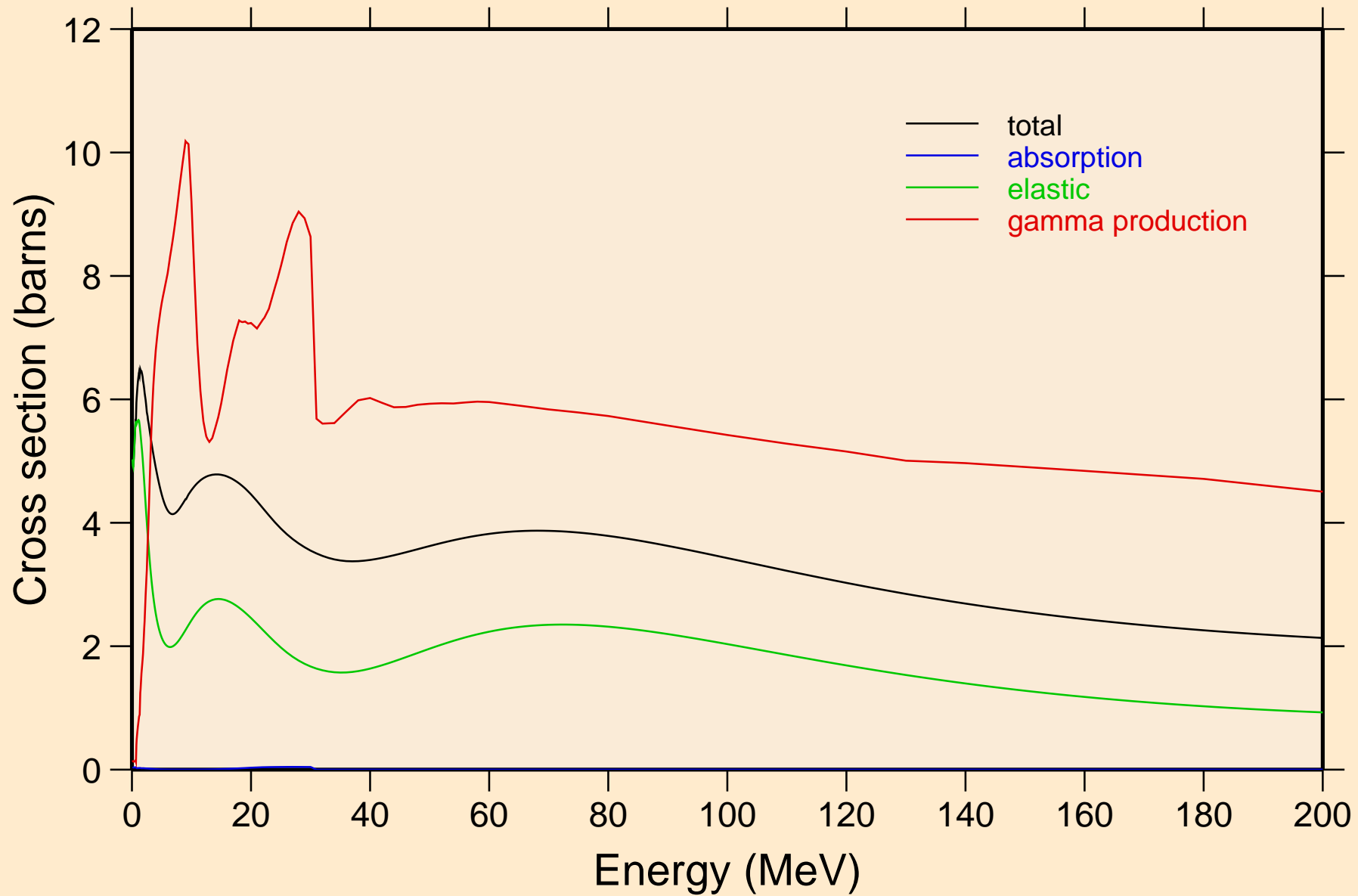
# XE132 NRG TENDL-2015, AKONING

## Non-threshold reactions



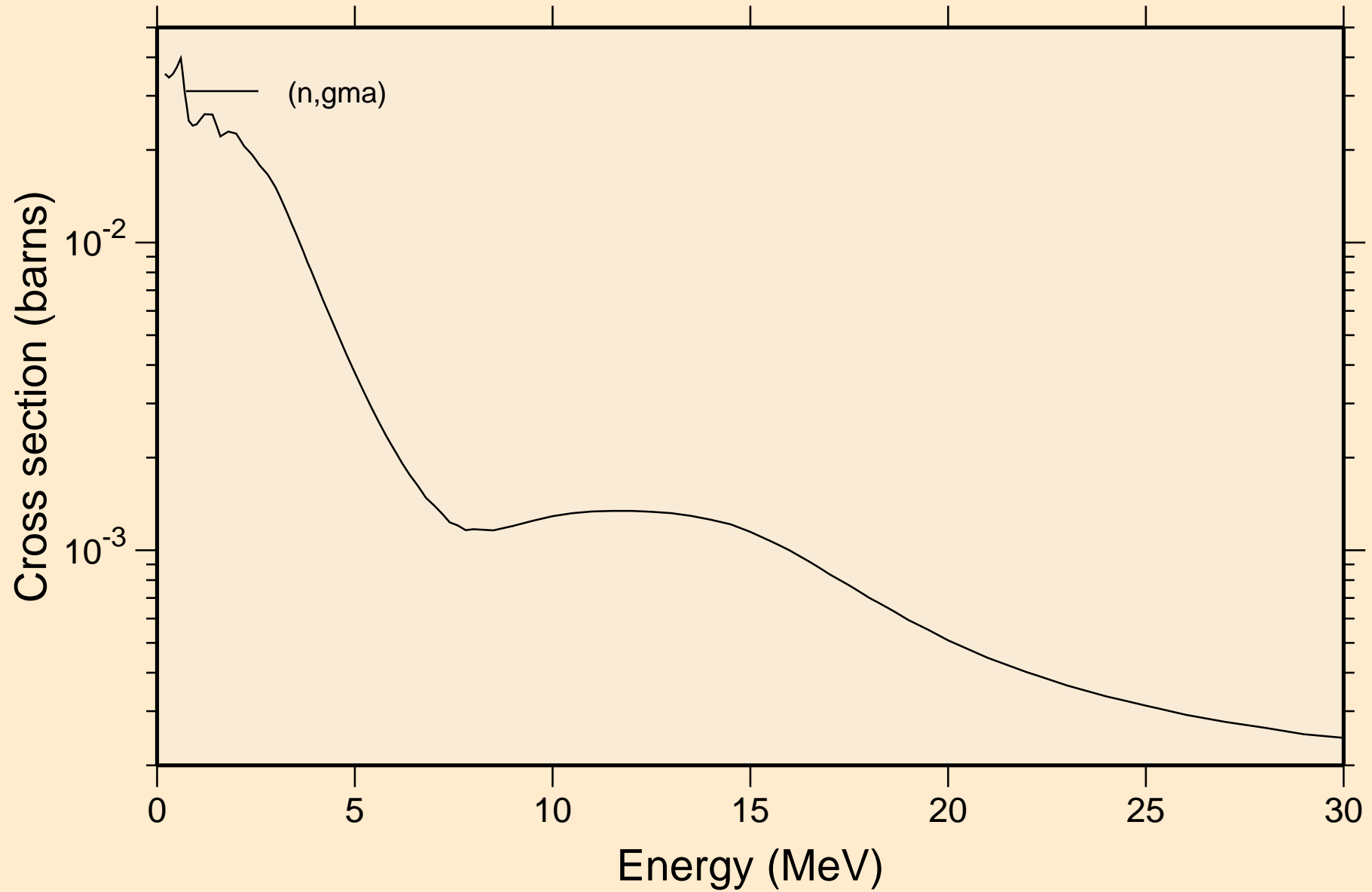
# XE132 NRG TENDL-2015, AKONING

## Principal cross sections



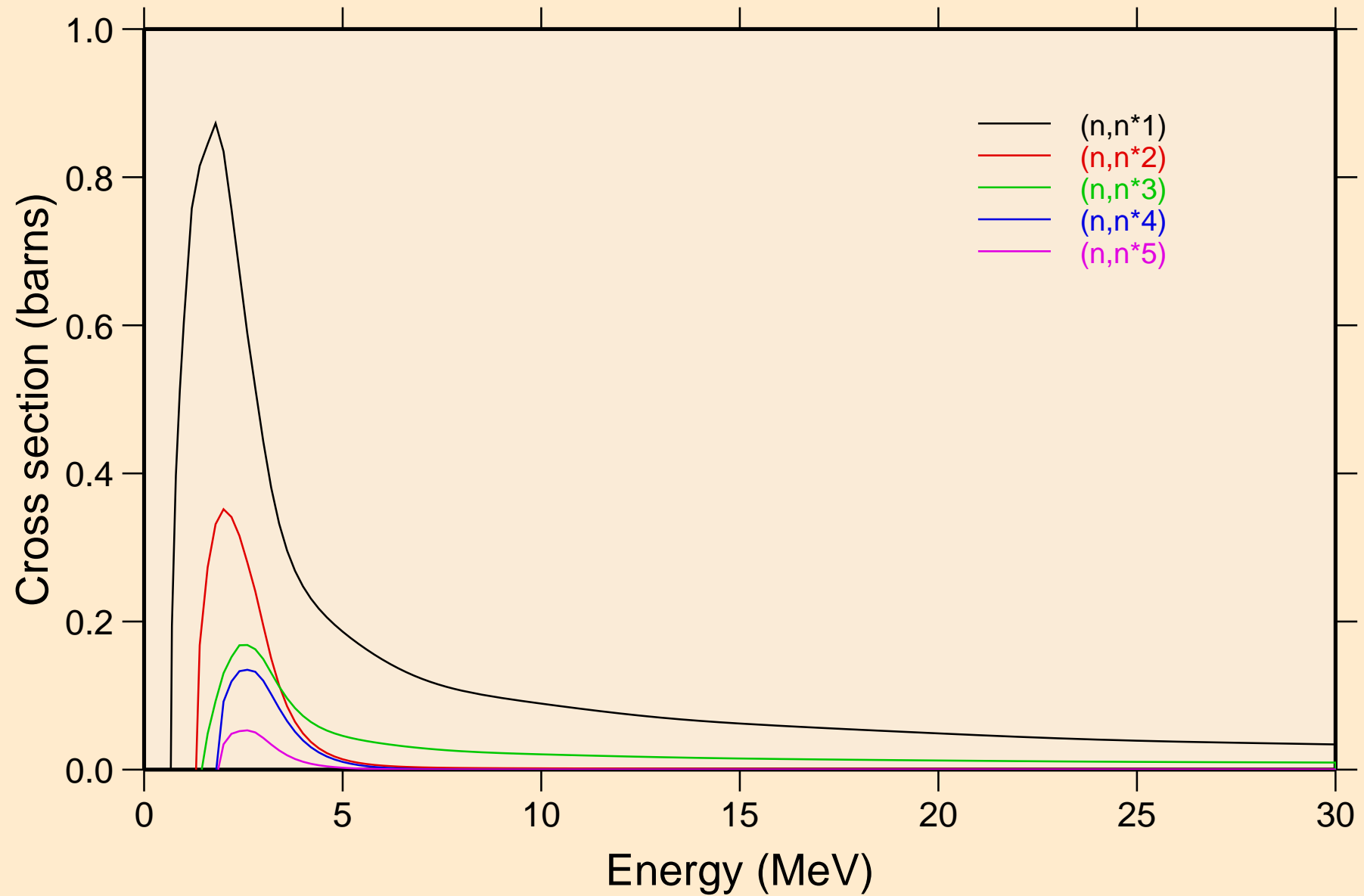
# XE132 NRG TENDL-2015, AKONING

## Non-threshold reactions



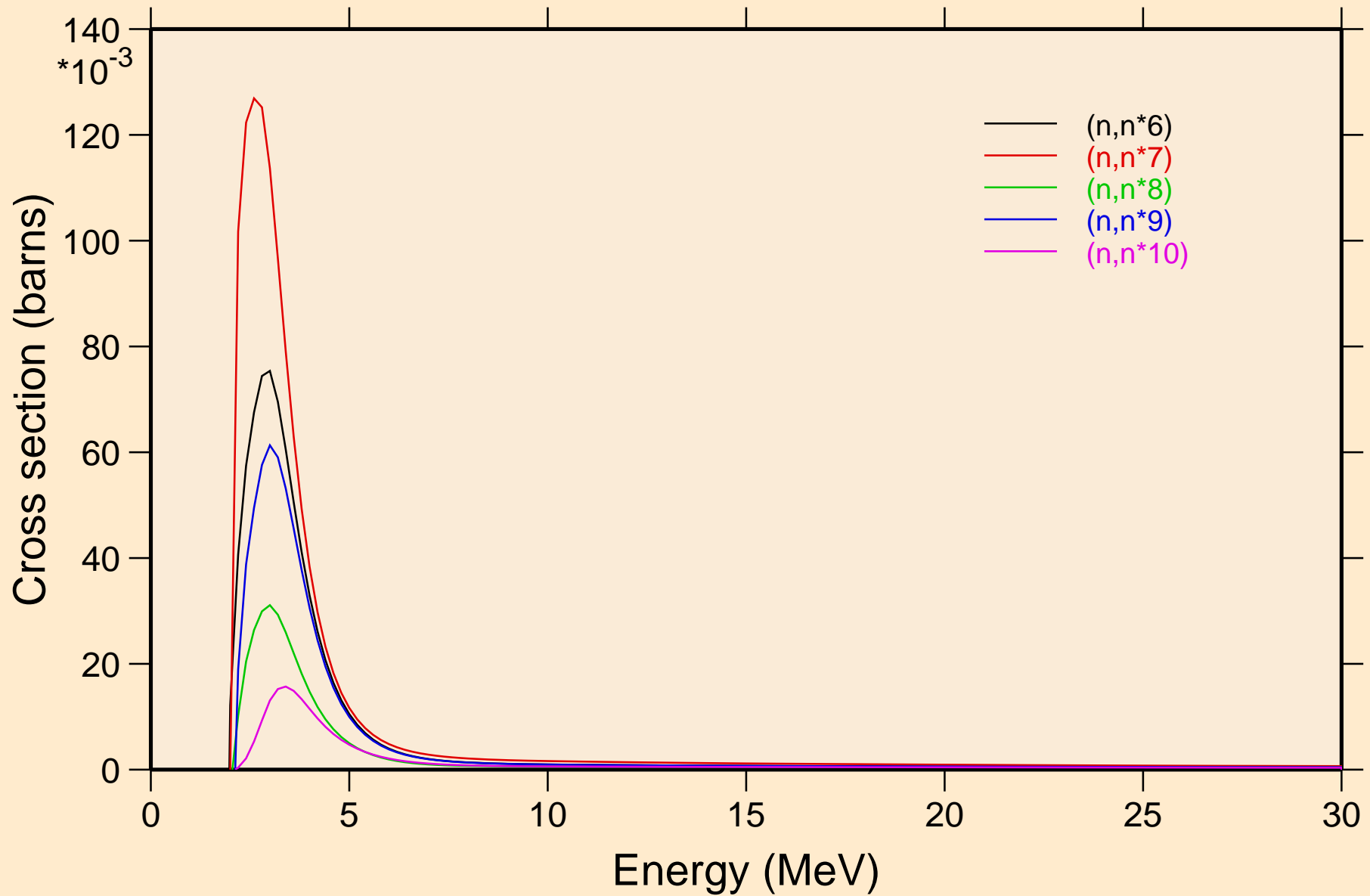
# XE132 NRG TENDL-2015, AKONING

## Inelastic levels



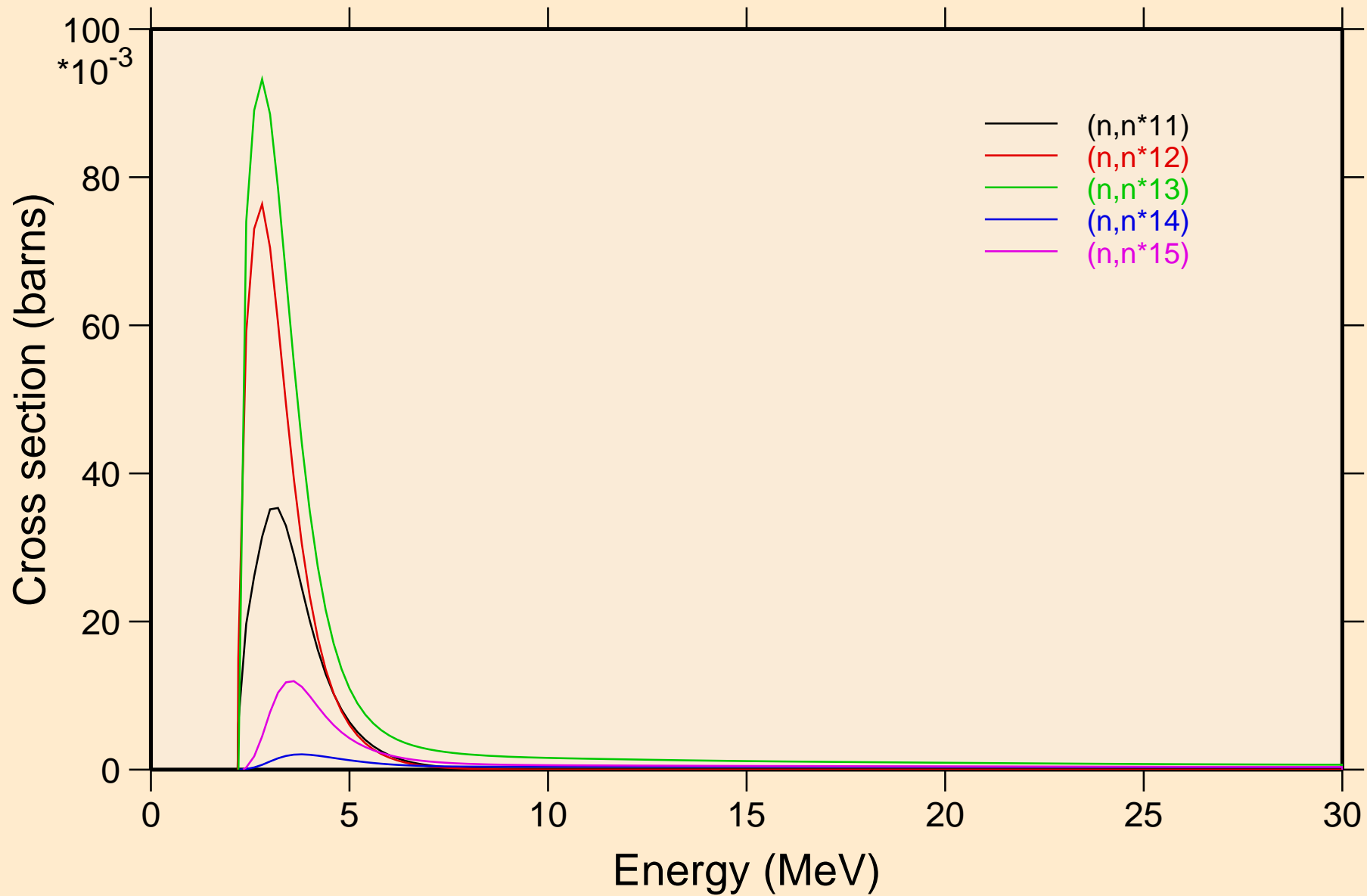
# XE132 NRG TENDL-2015, AKONING

## Inelastic levels



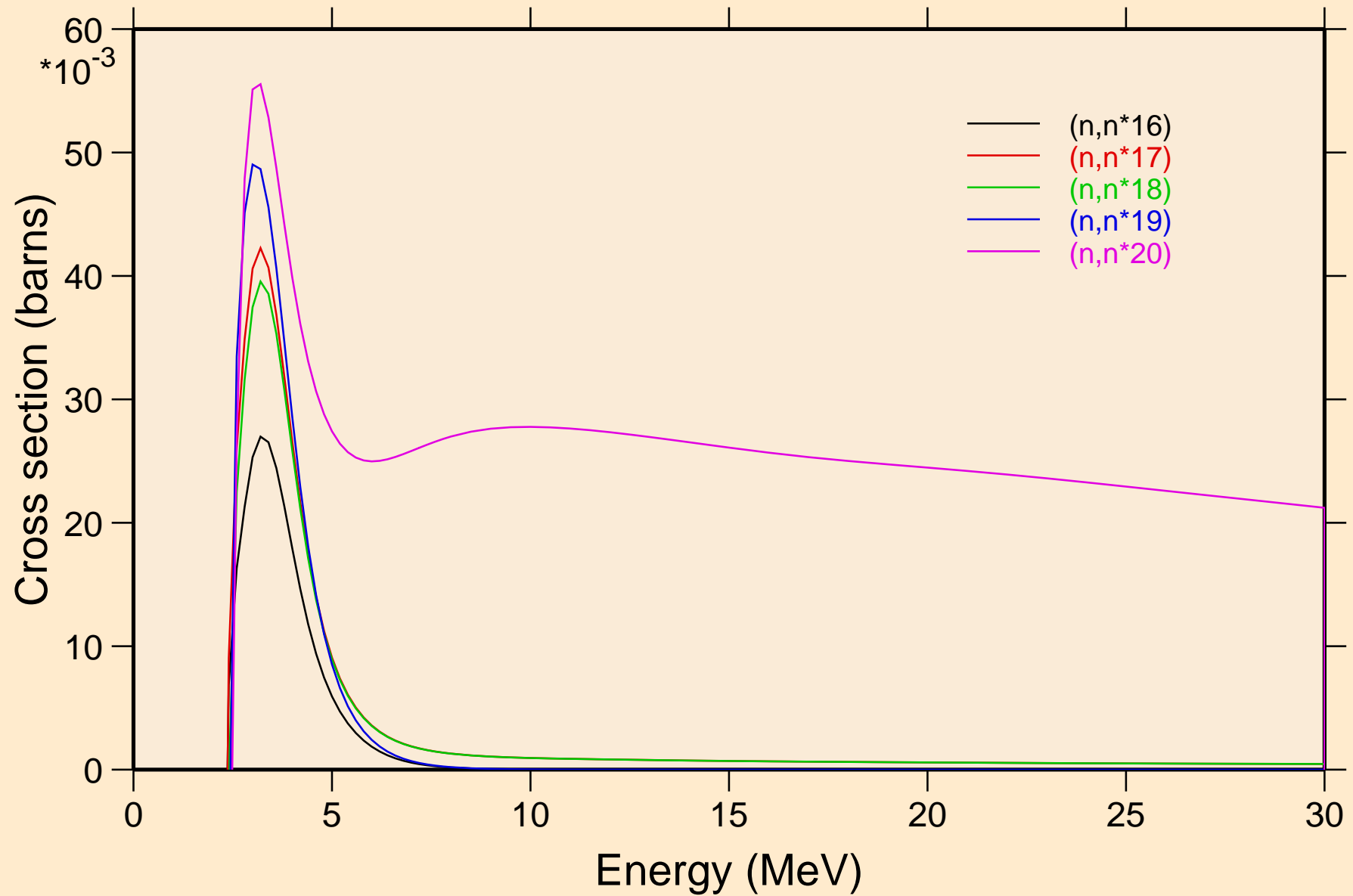
# XE132 NRG TENDL-2015, AKONING

## Inelastic levels



# XE132 NRG TENDL-2015, AKONING

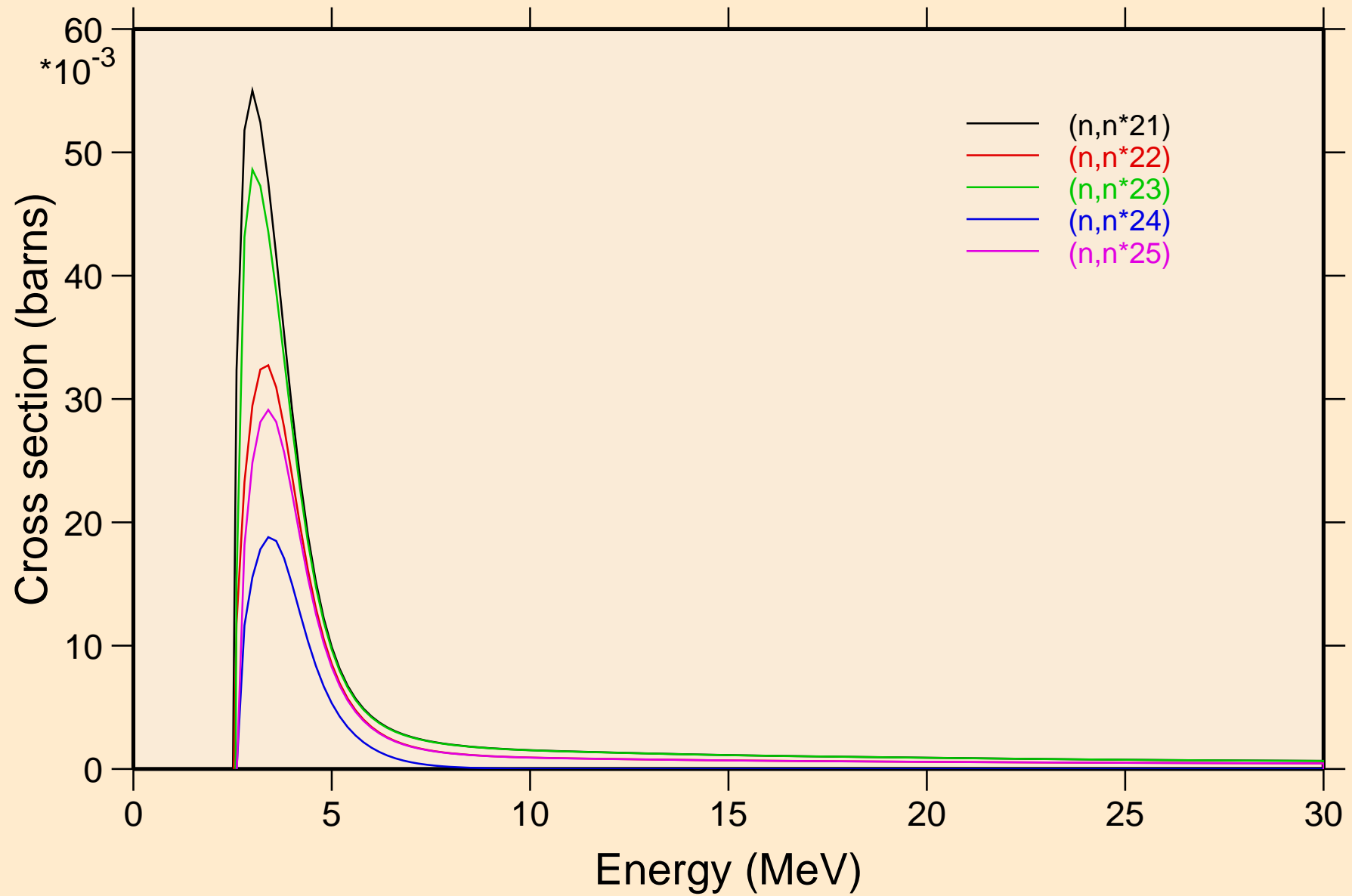
## Inelastic levels





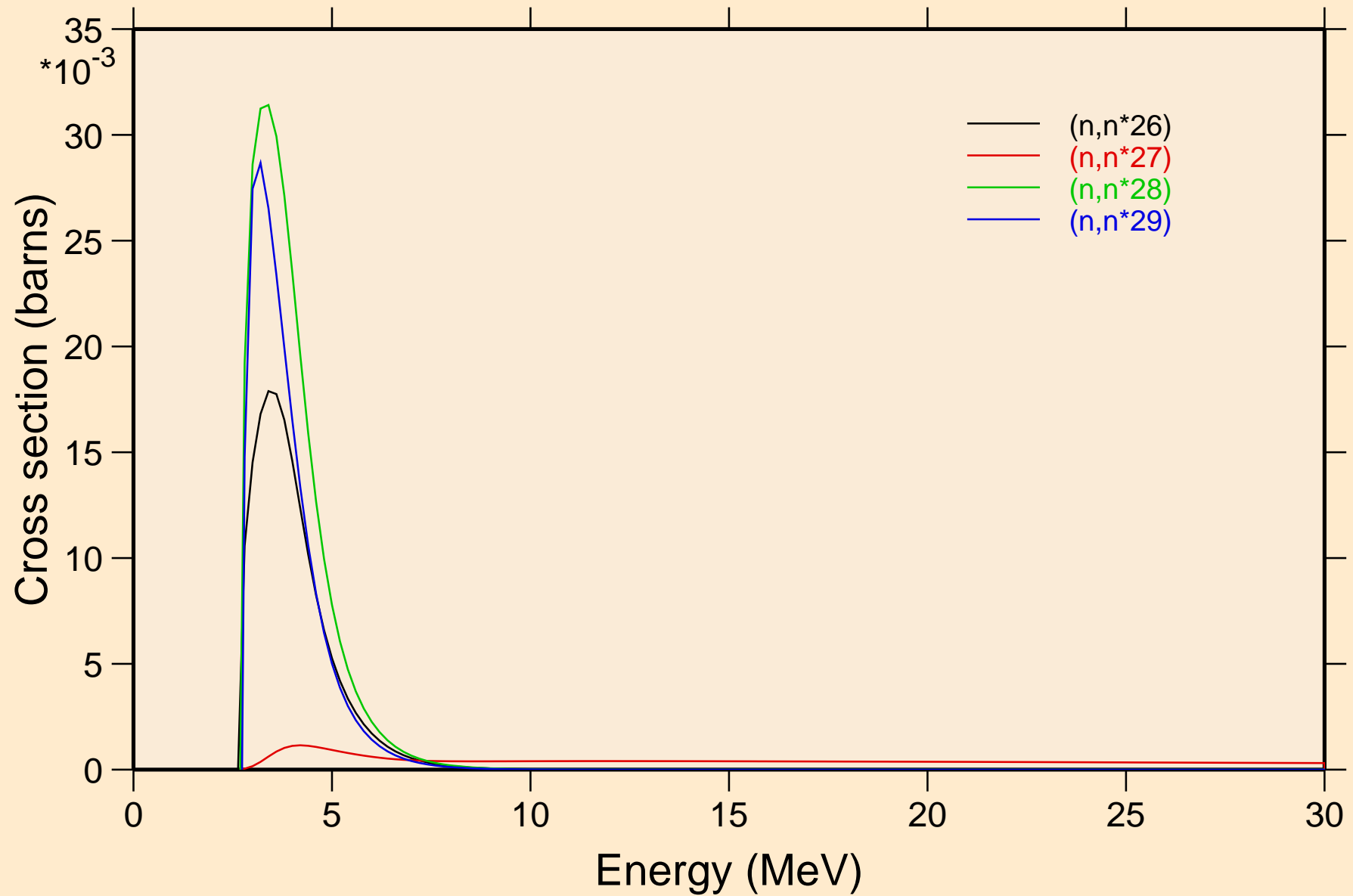
# XE132 NRG TENDL-2015, AKONING

## Inelastic levels



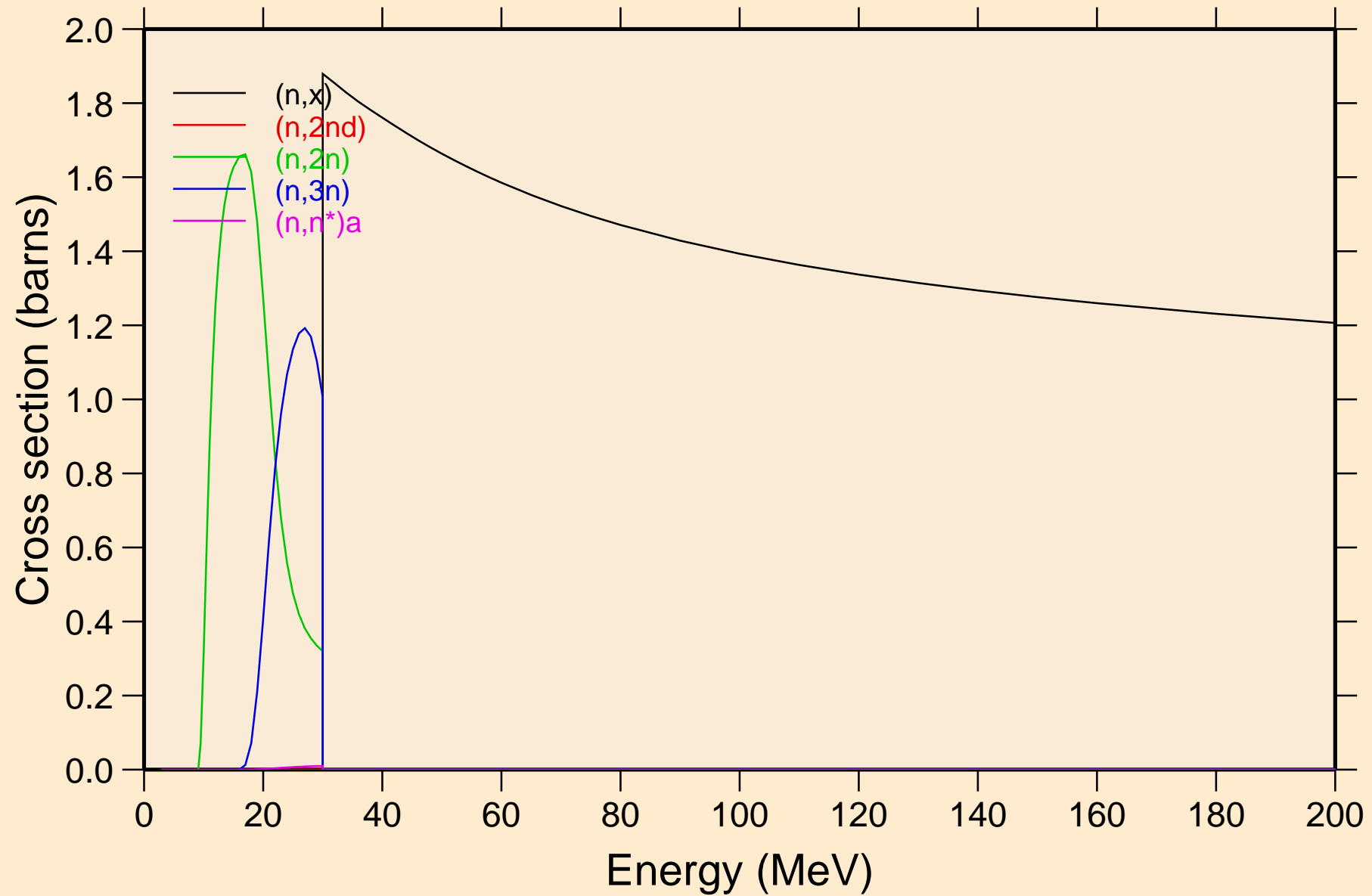
# XE132 NRG TENDL-2015, AKONING

## Inelastic levels



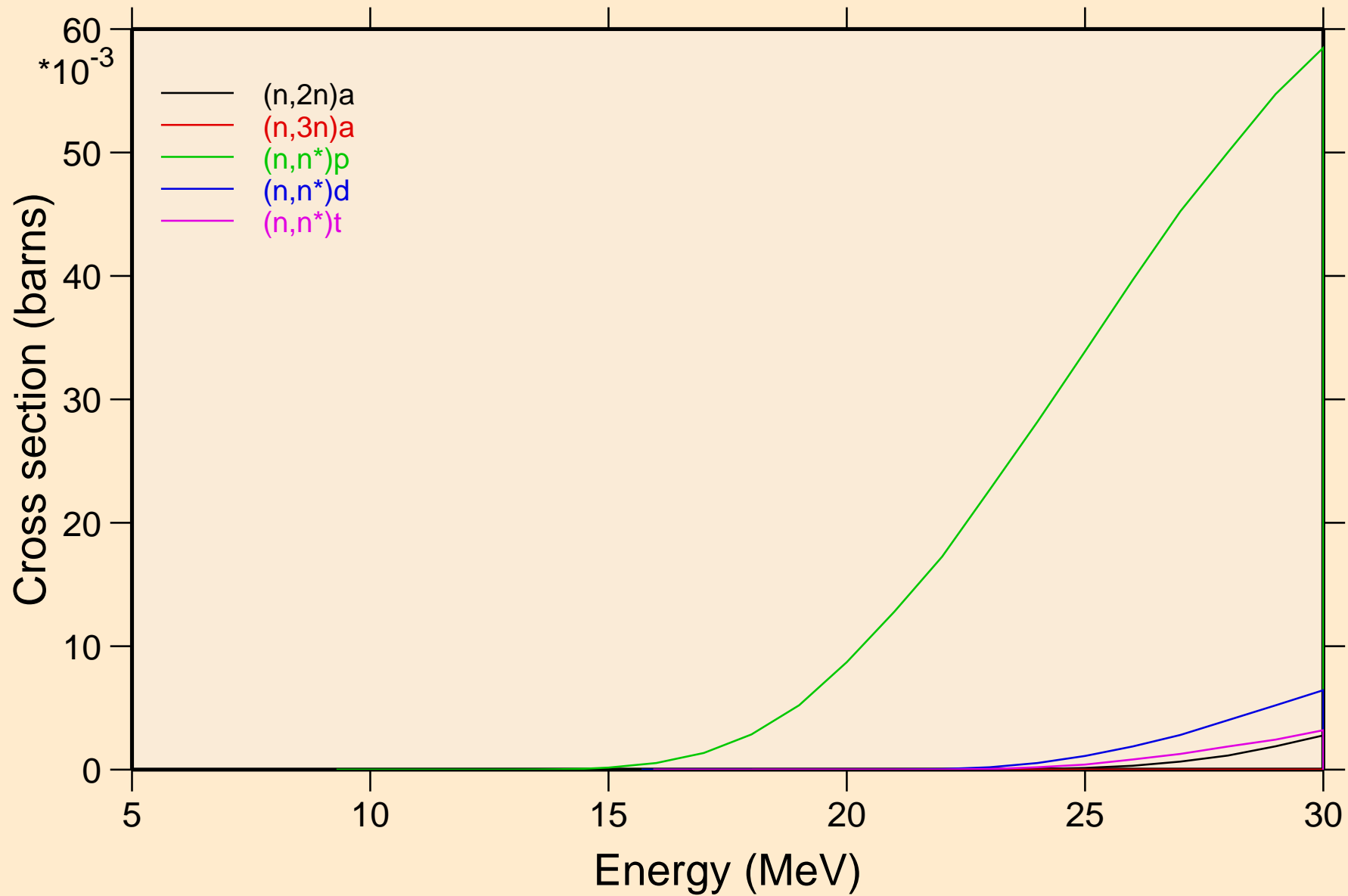
# XE132 NRG TENDL-2015, AKONING

## Threshold reactions



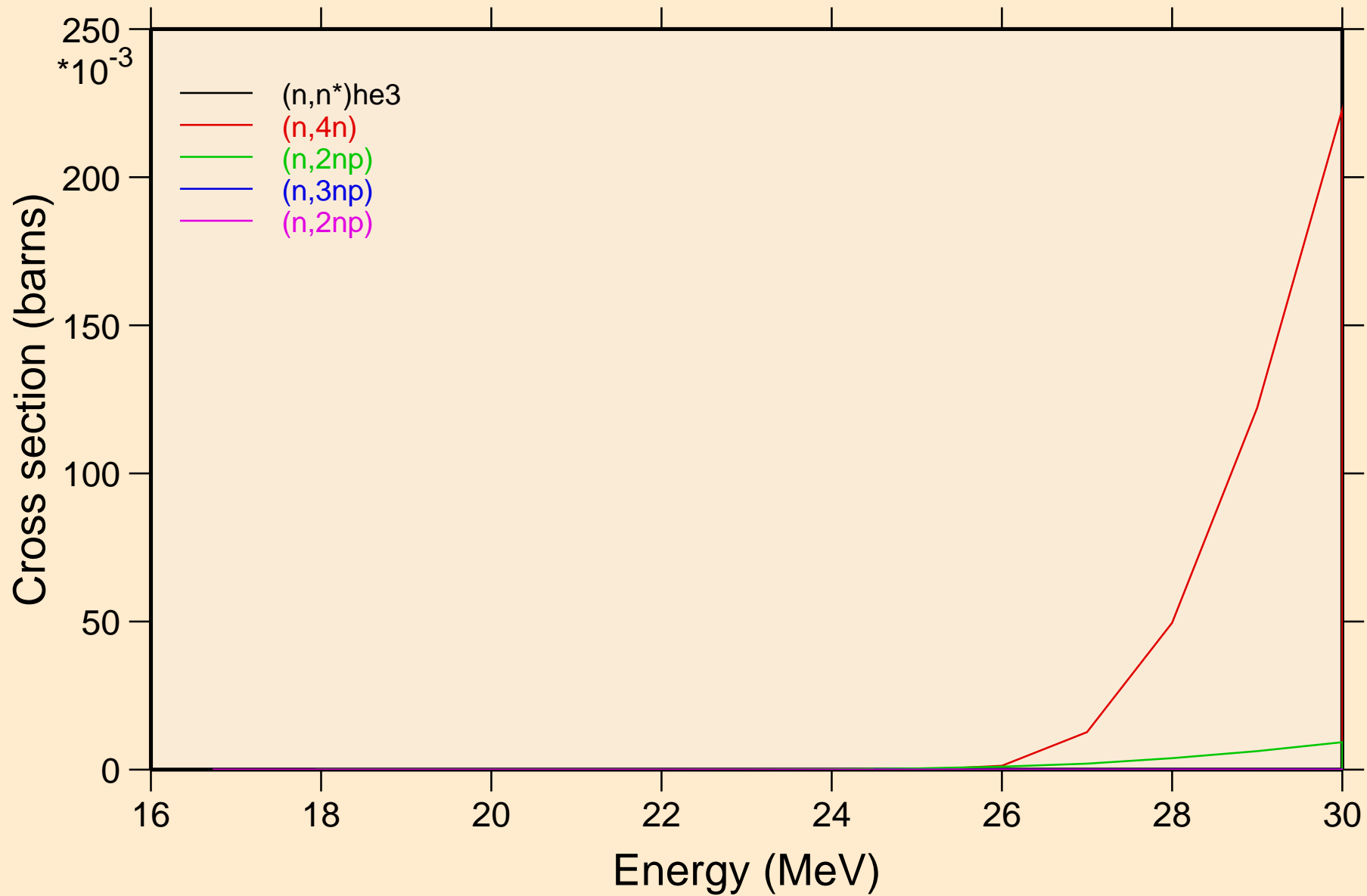
# XE132 NRG TENDL-2015, AKONING

## Threshold reactions



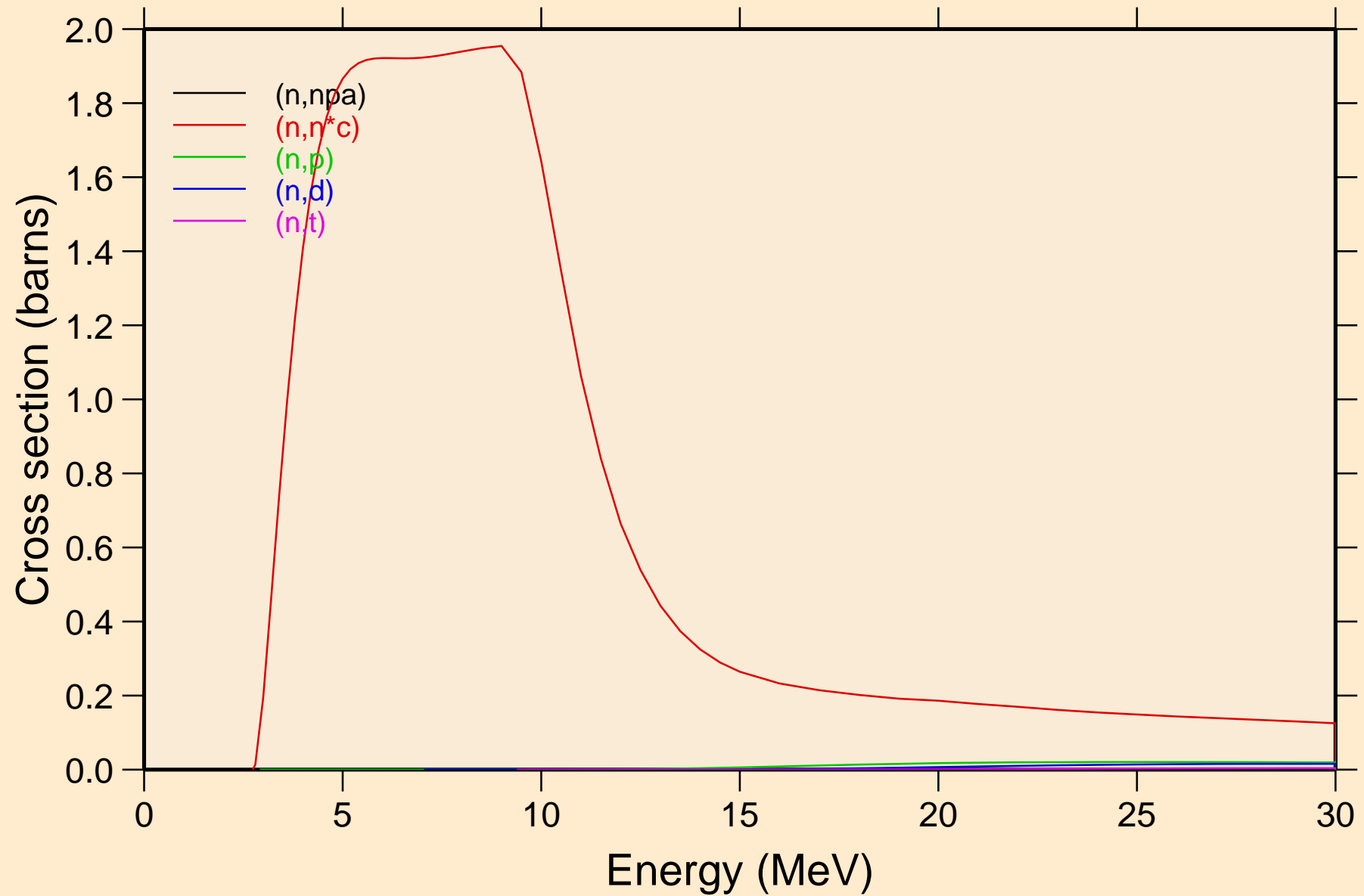
# XE132 NRG TENDL-2015, AKONING

## Threshold reactions



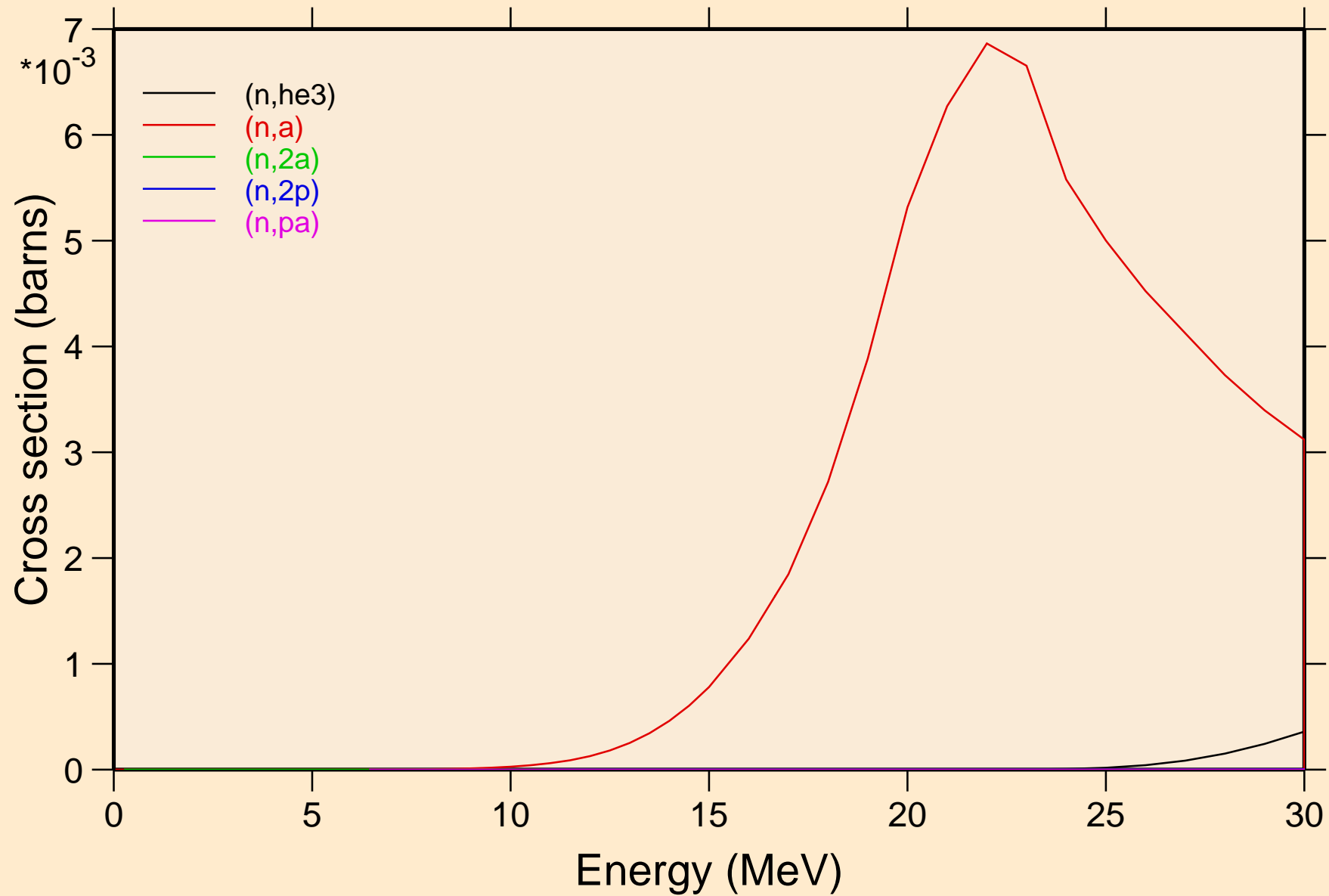
# XE132 NRG TENDL-2015, AKONING

## Threshold reactions



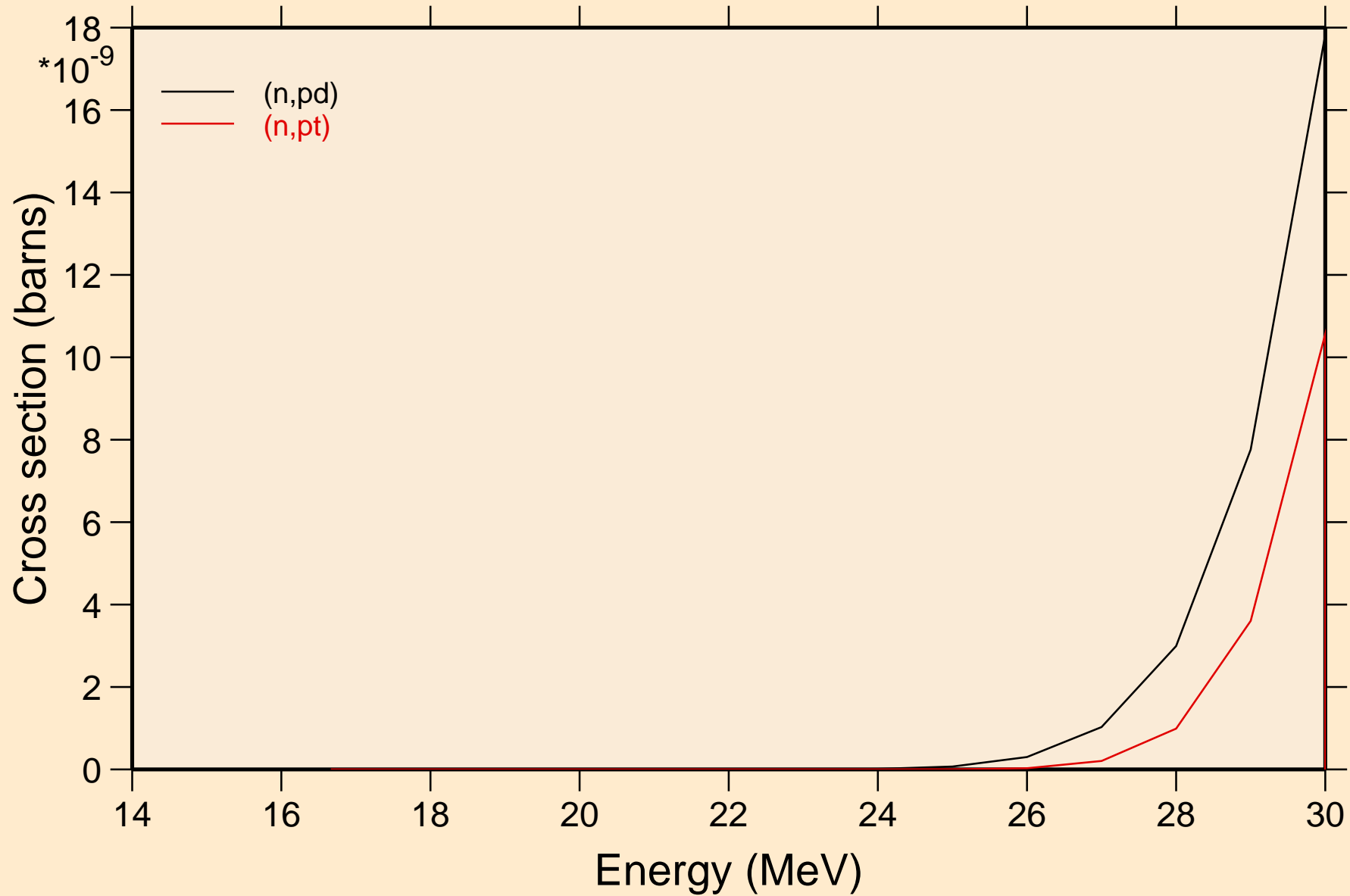
# XE132 NRG TENDL-2015, AKONING

## Threshold reactions



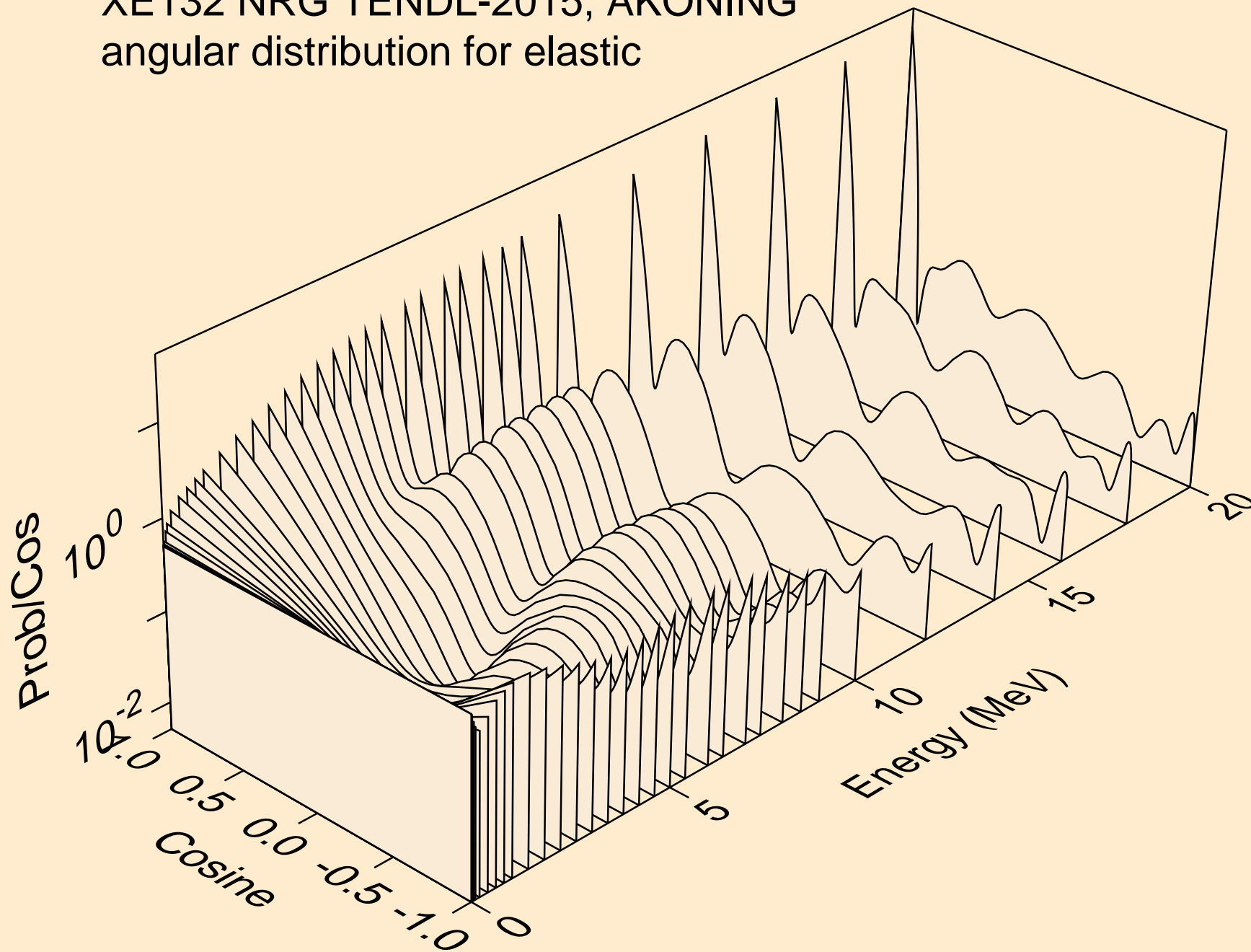
# XE132 NRG TENDL-2015, AKONING

## Threshold reactions

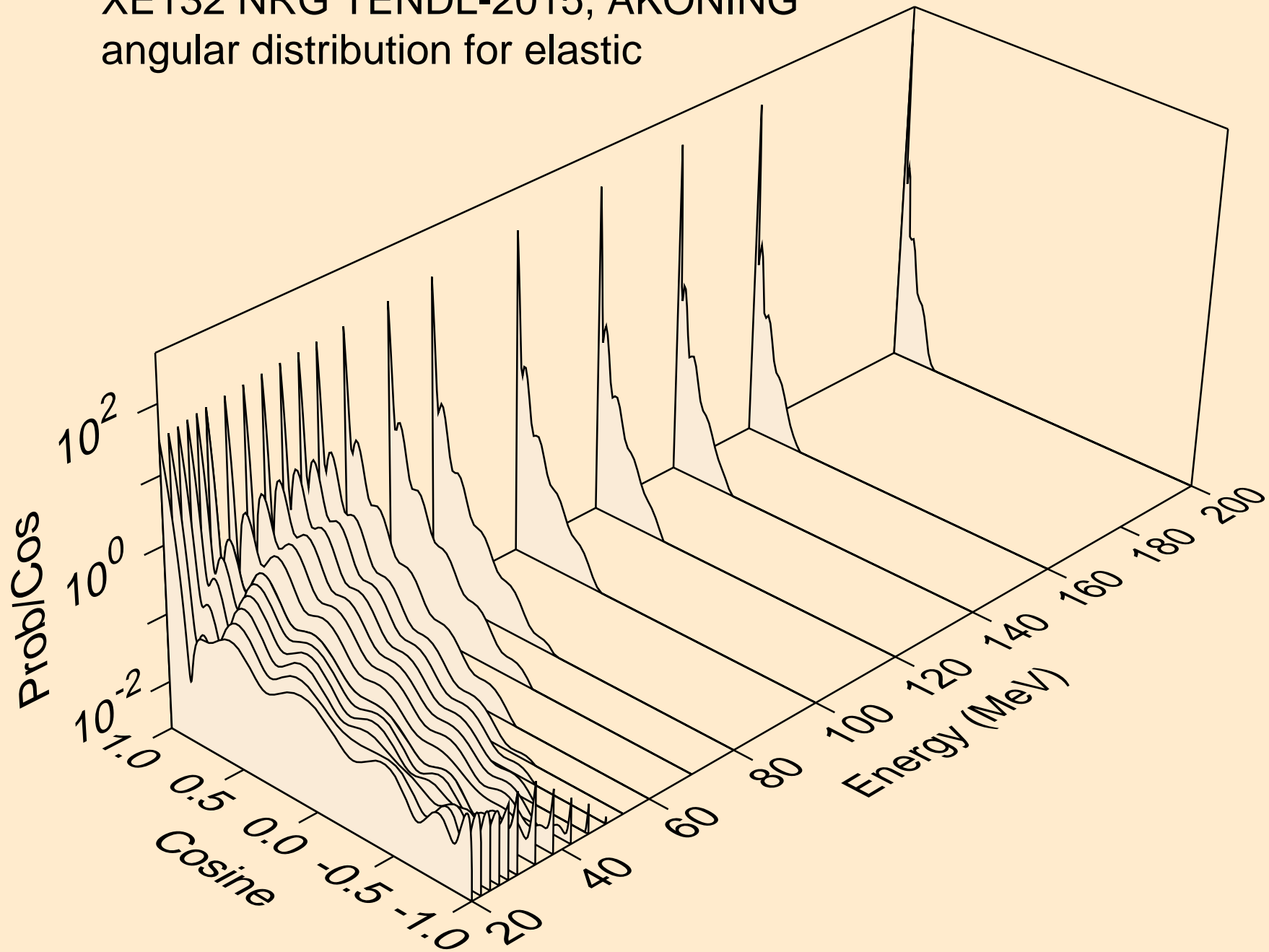




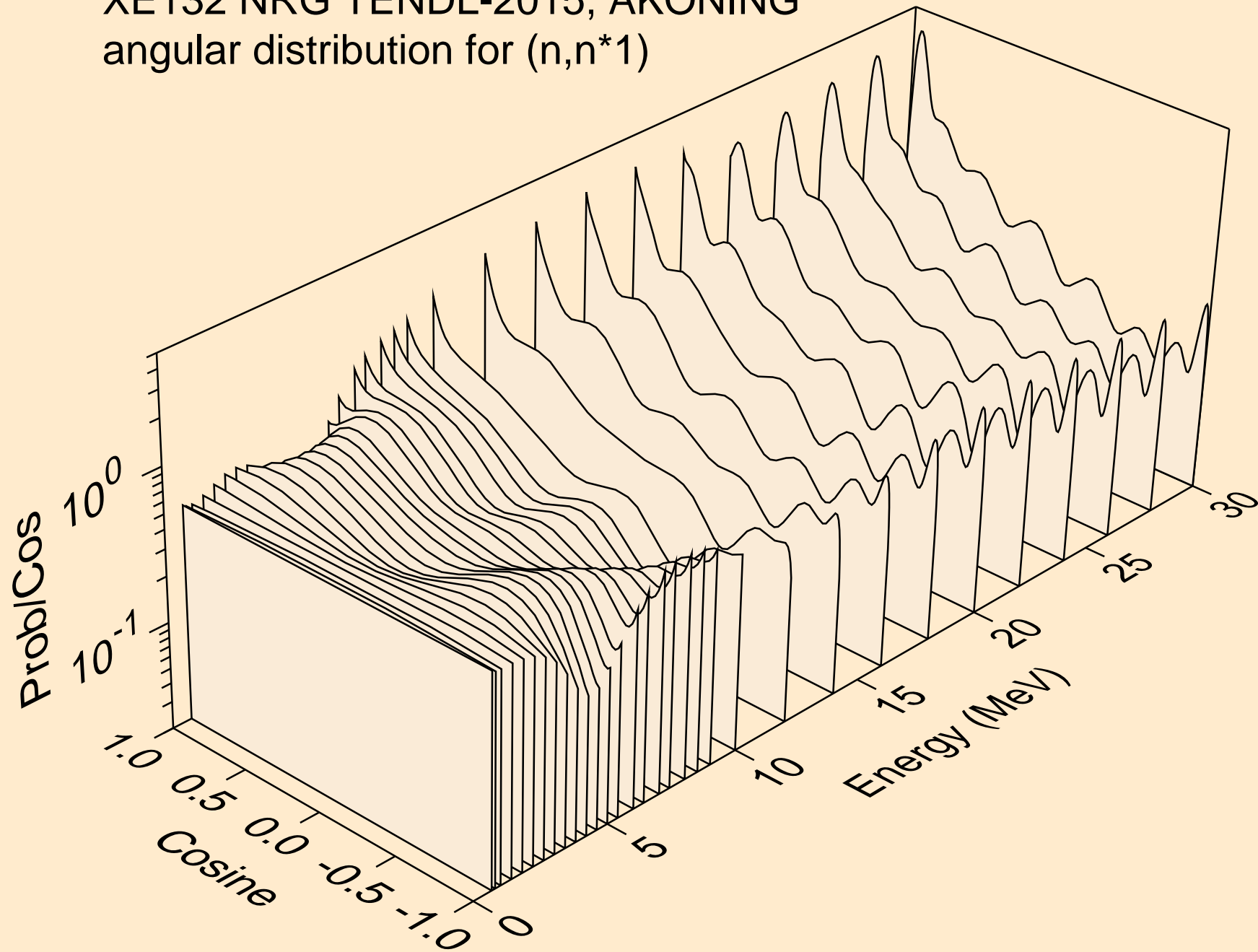
XE132 NRG TENDL-2015, AKONING  
angular distribution for elastic



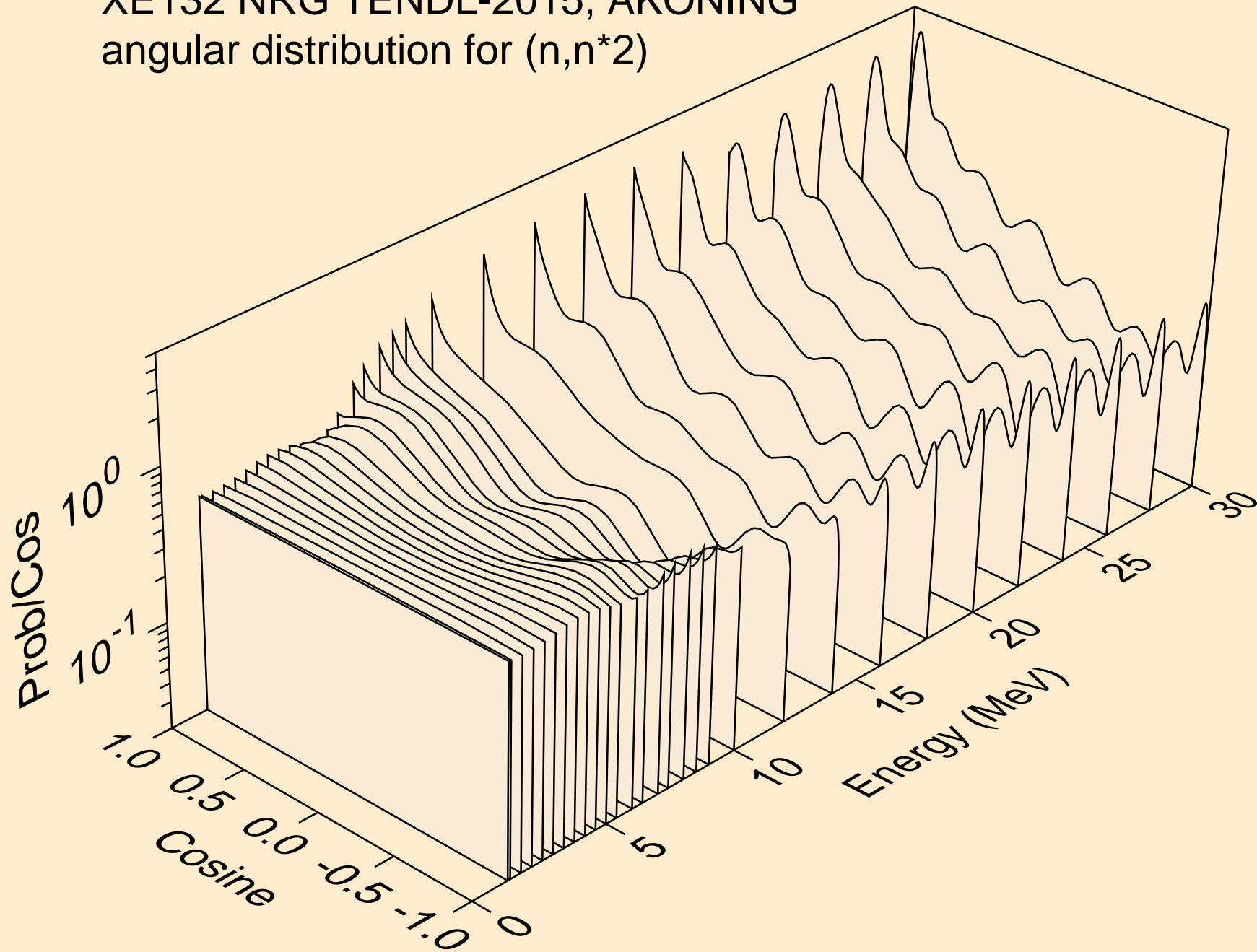
XE132 NRG TENDL-2015, AKONING  
angular distribution for elastic



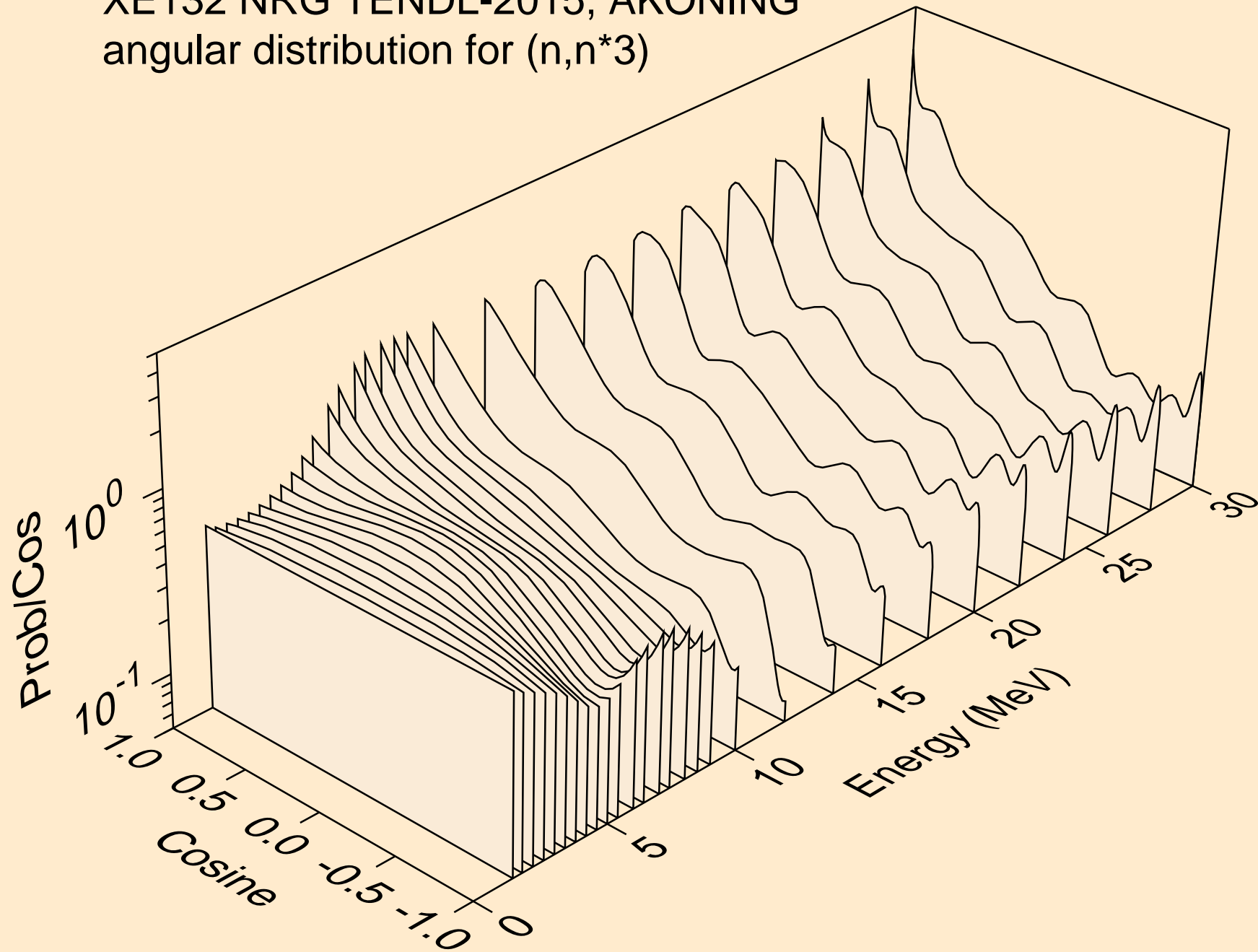
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



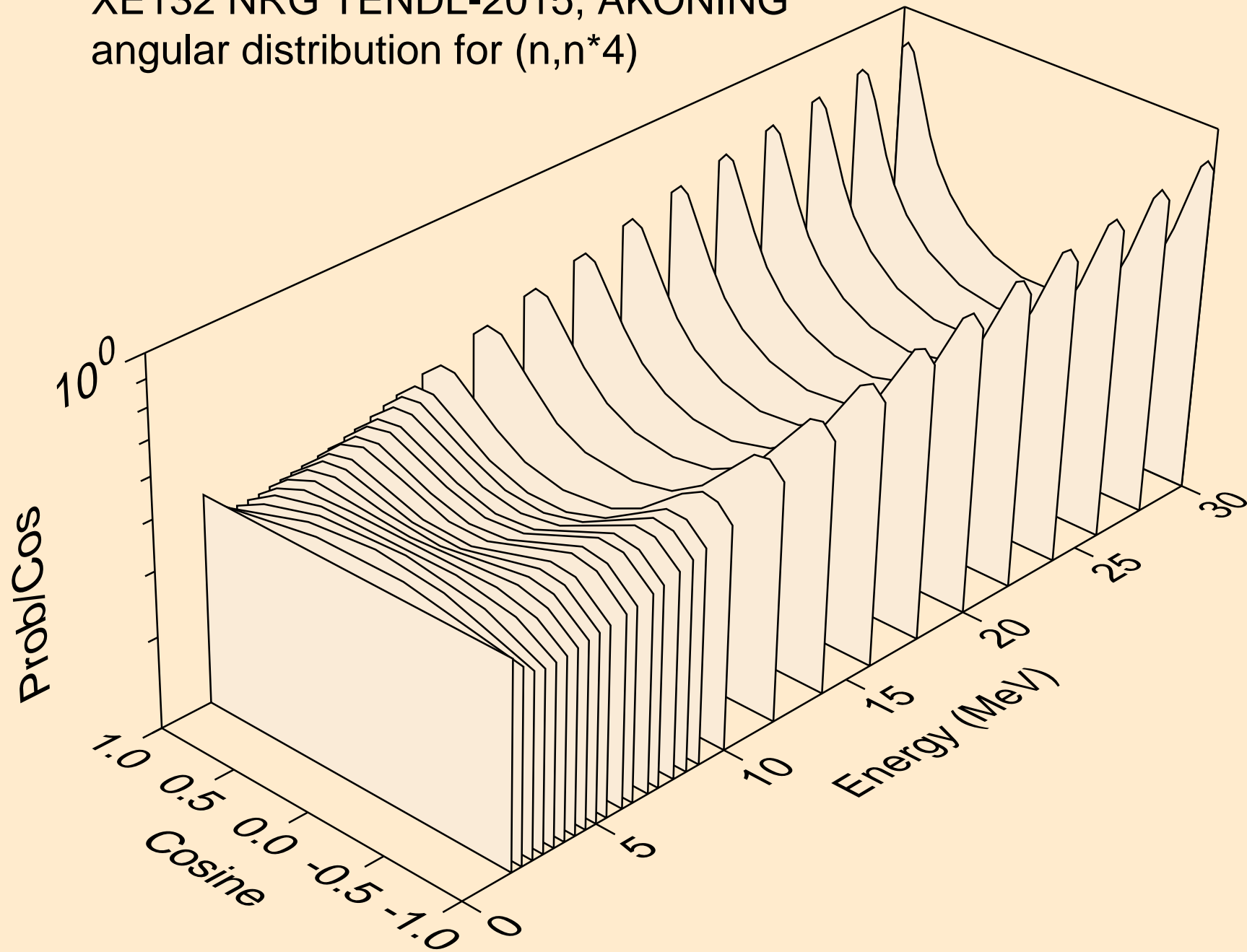
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



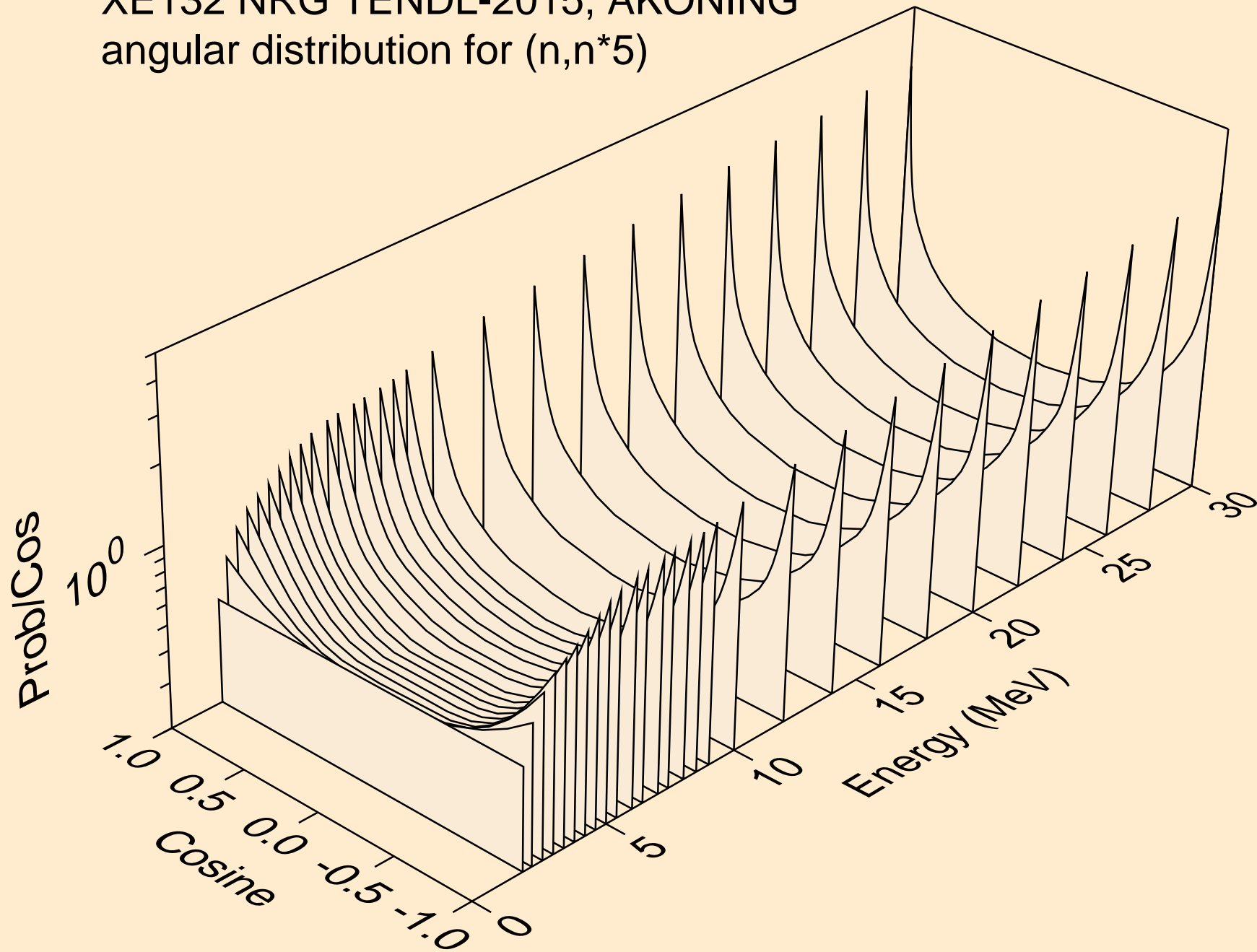
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



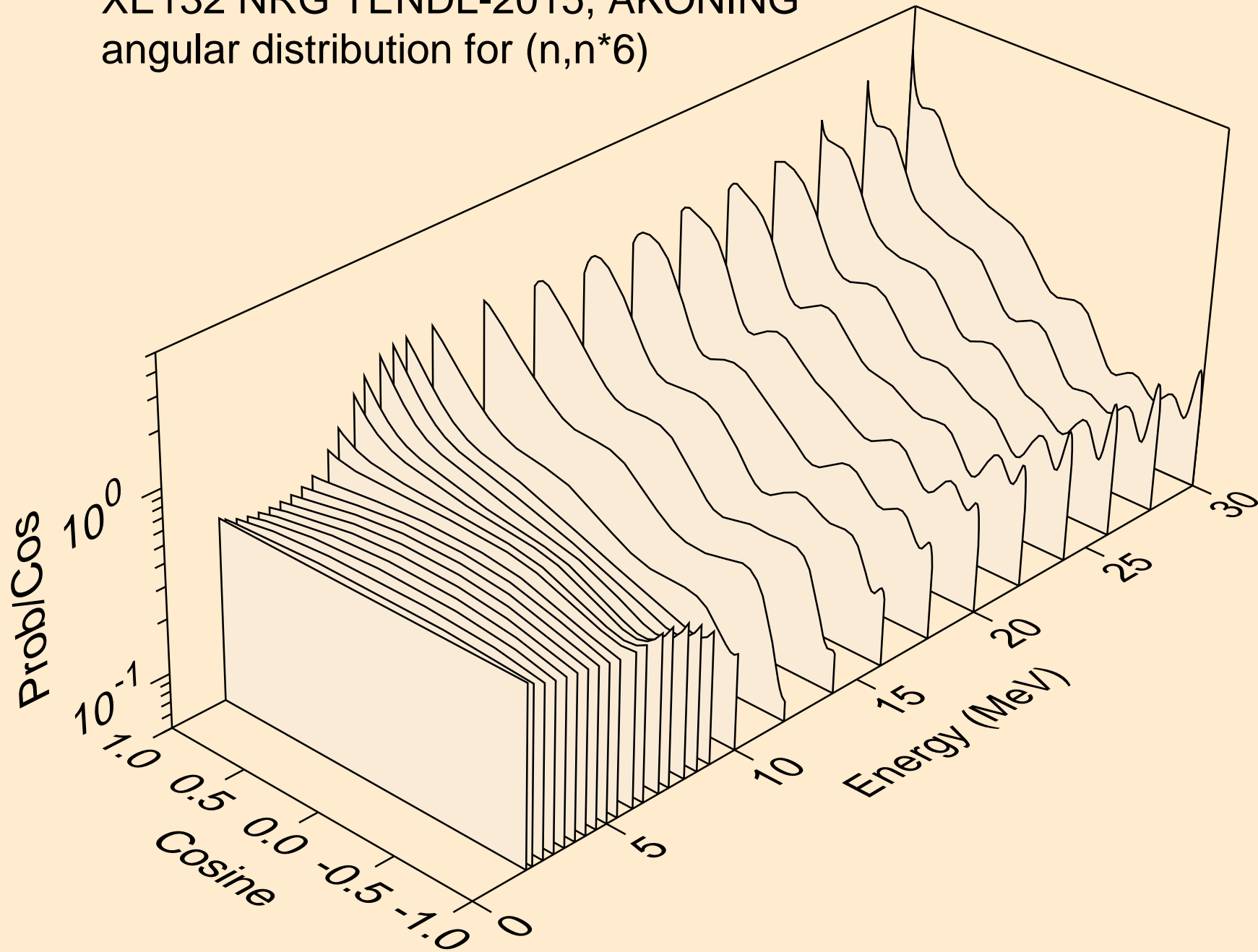
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

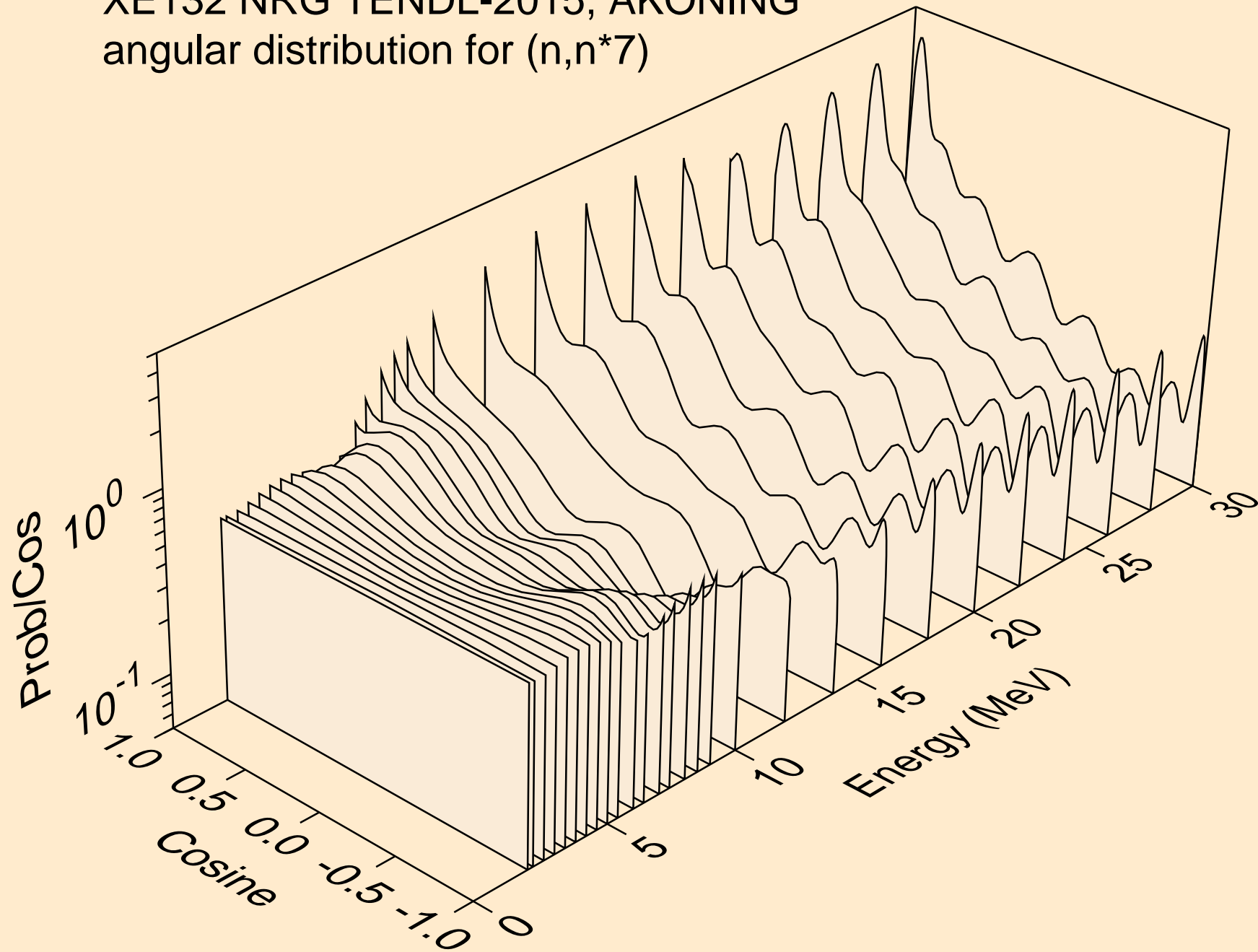


XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

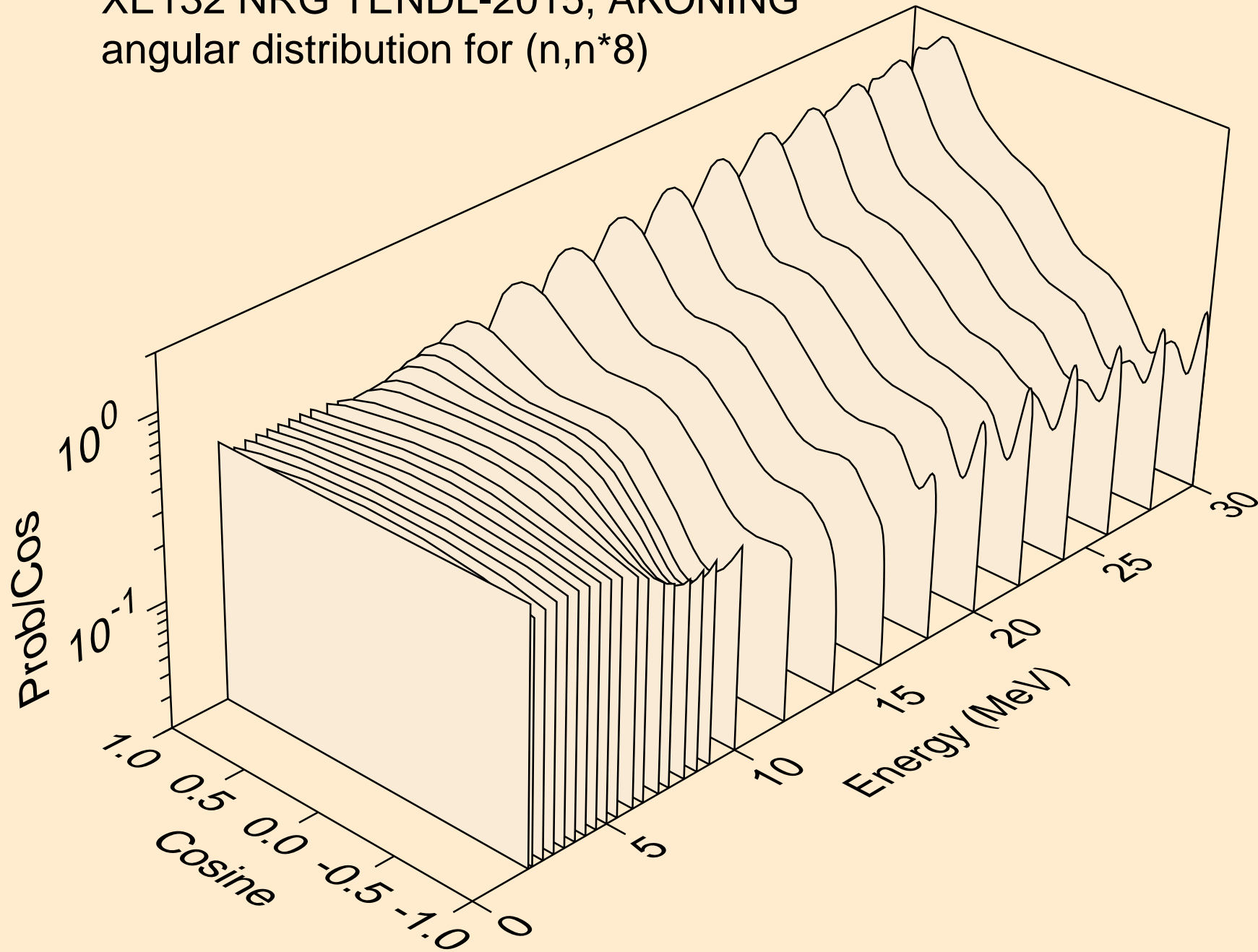




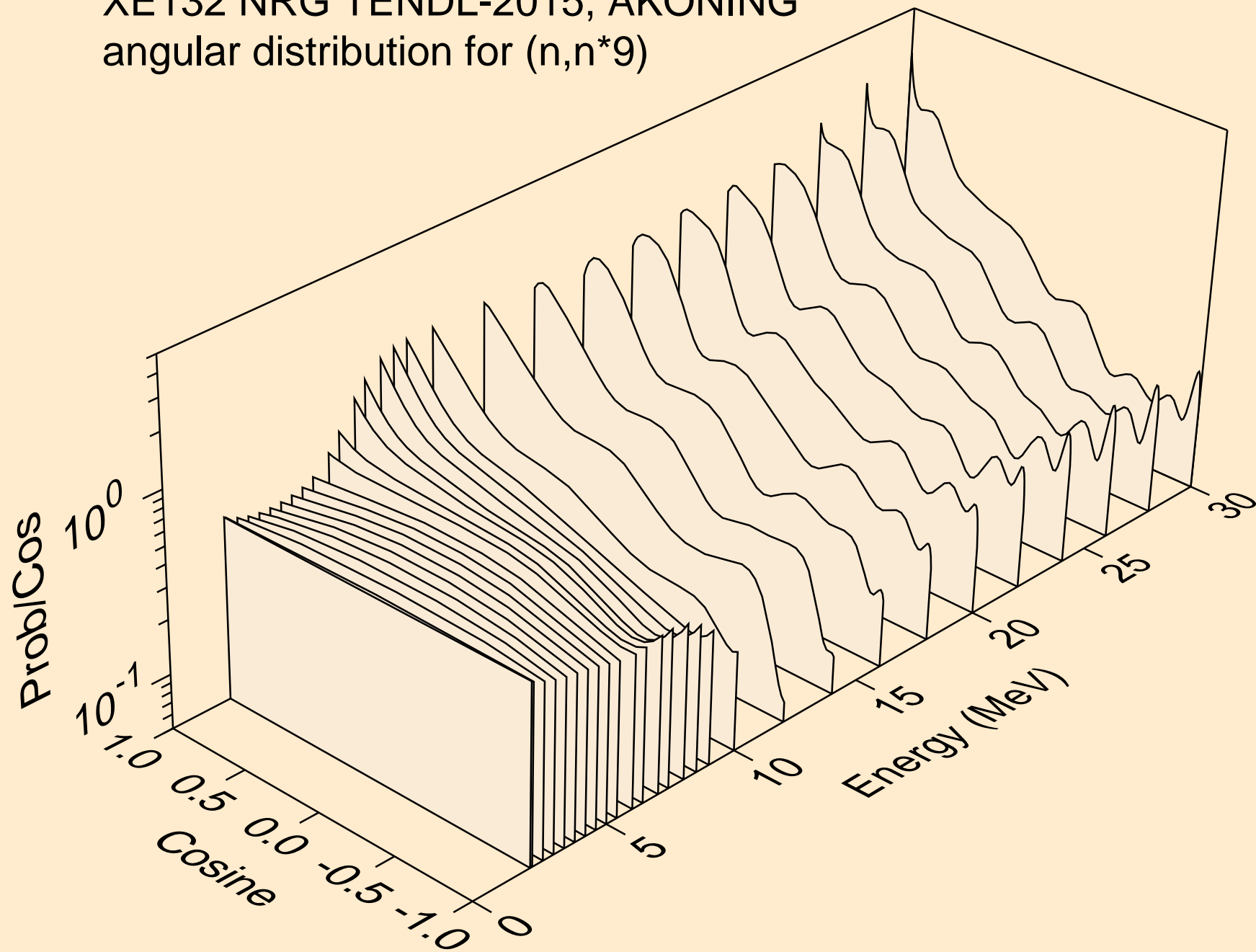
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



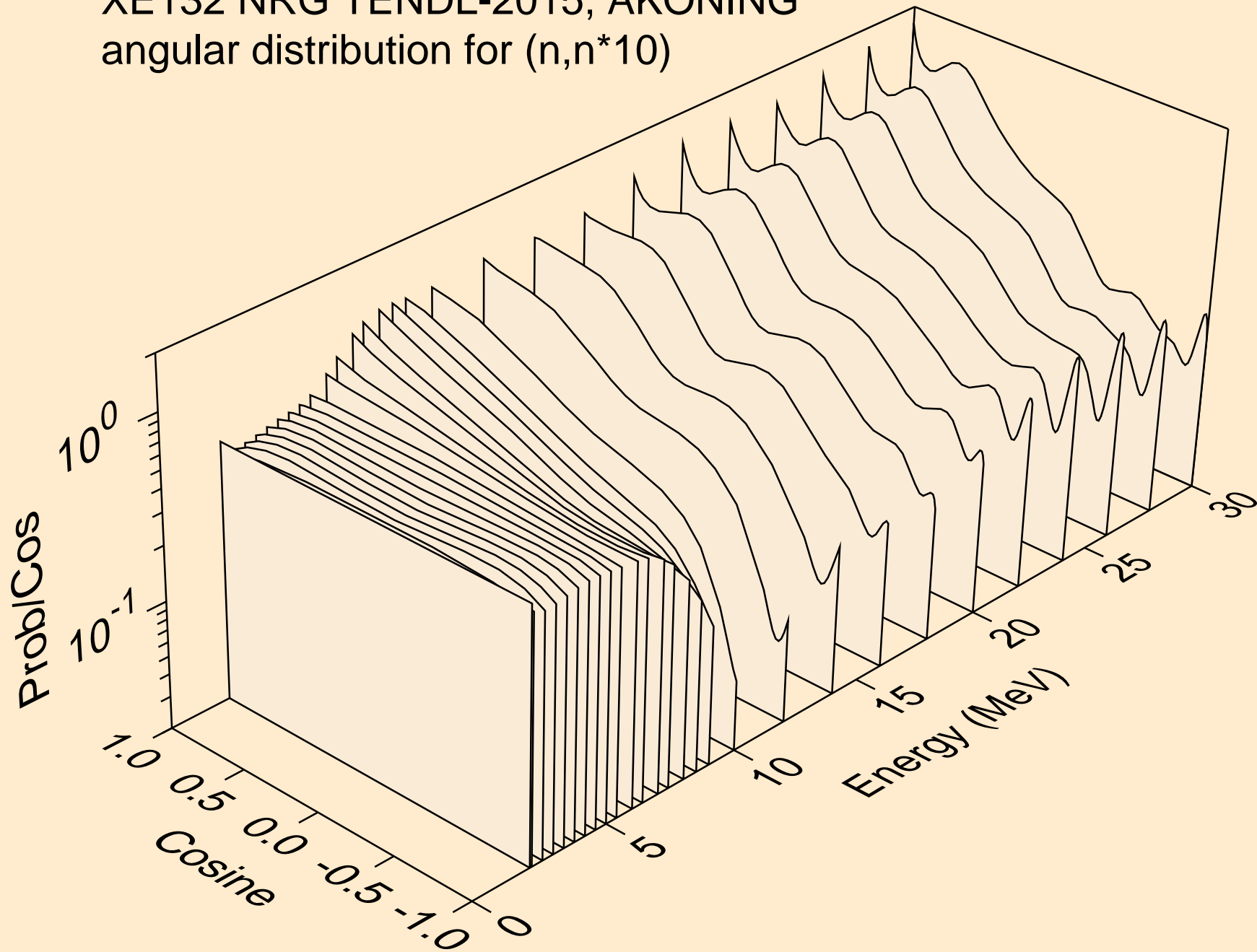
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



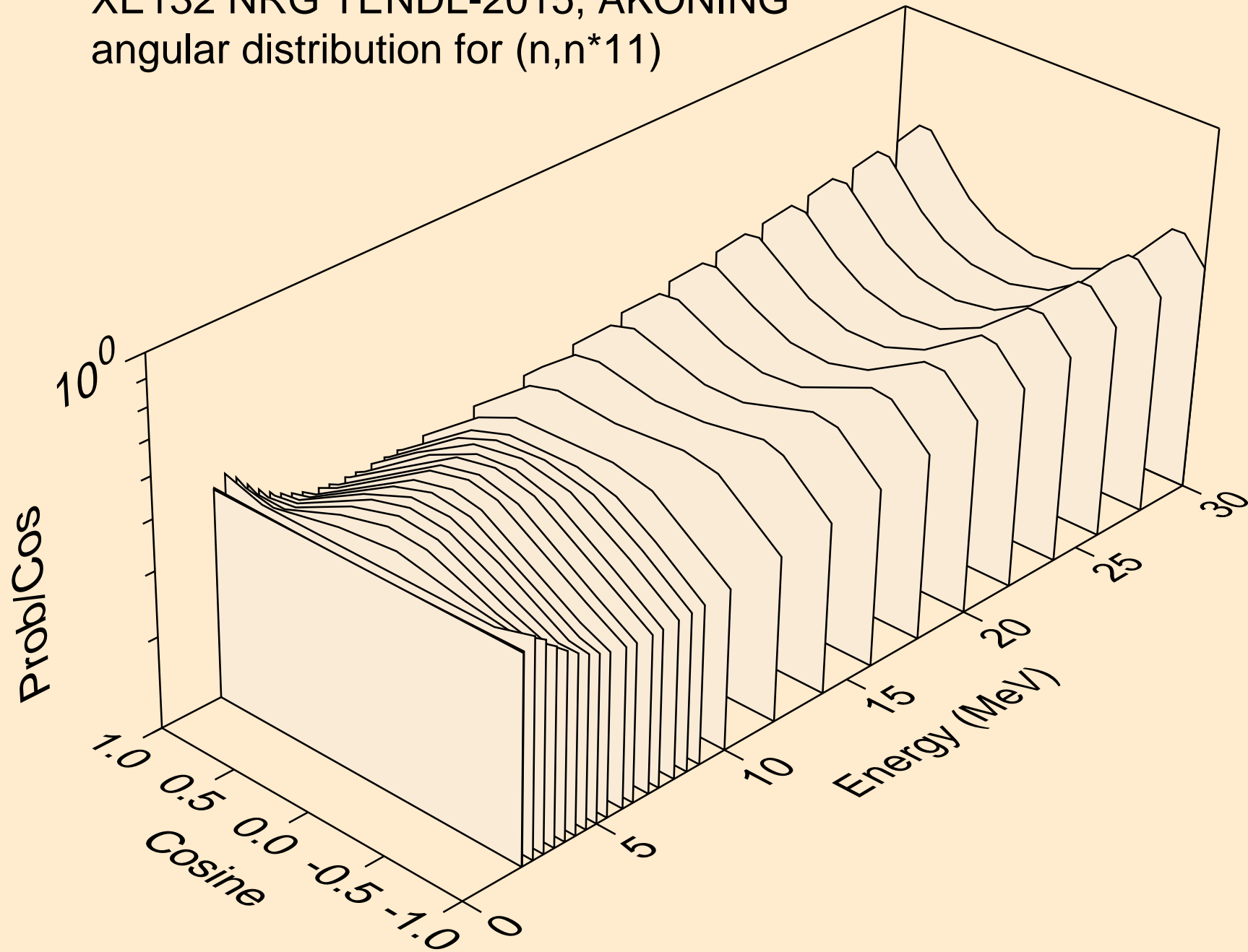
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



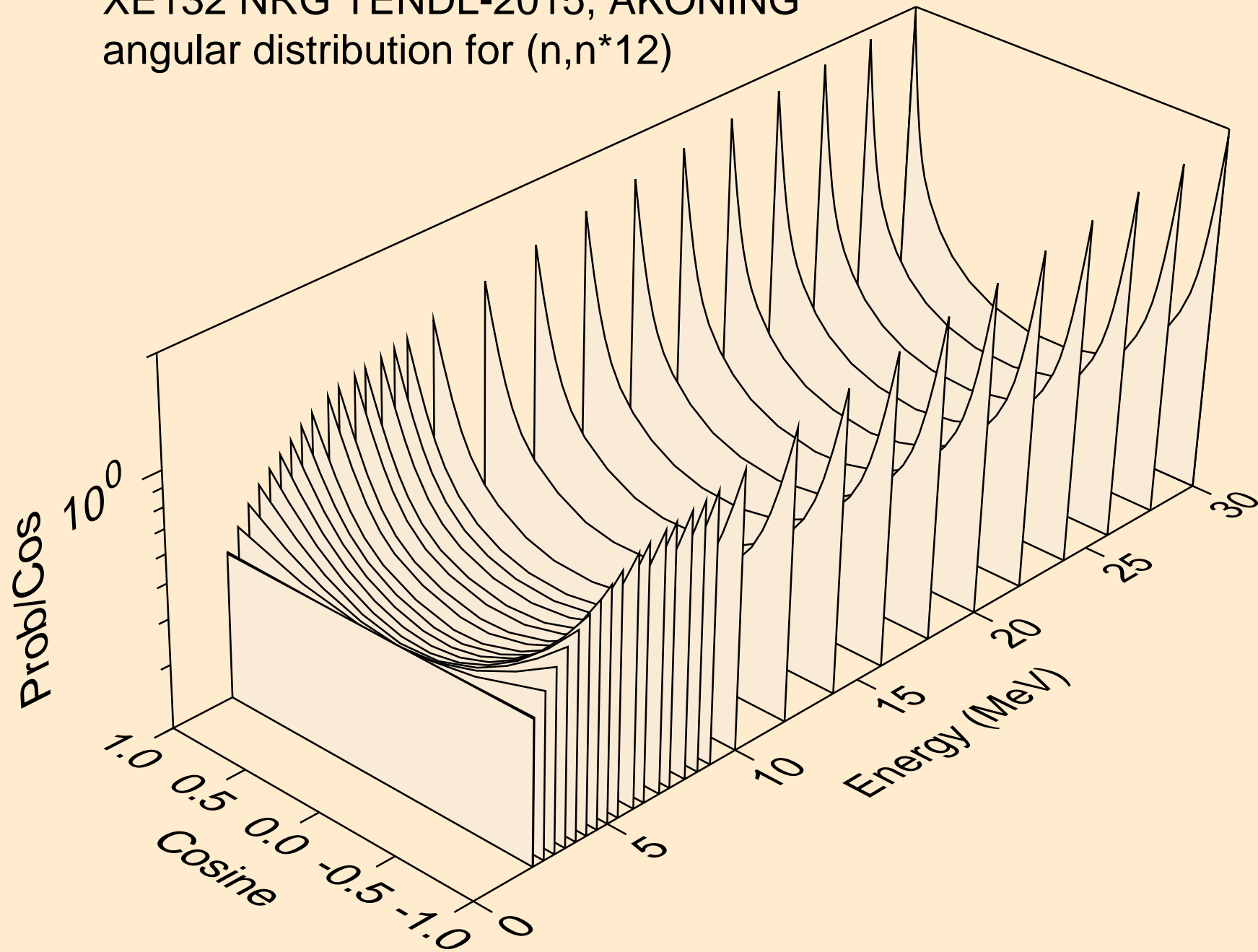
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



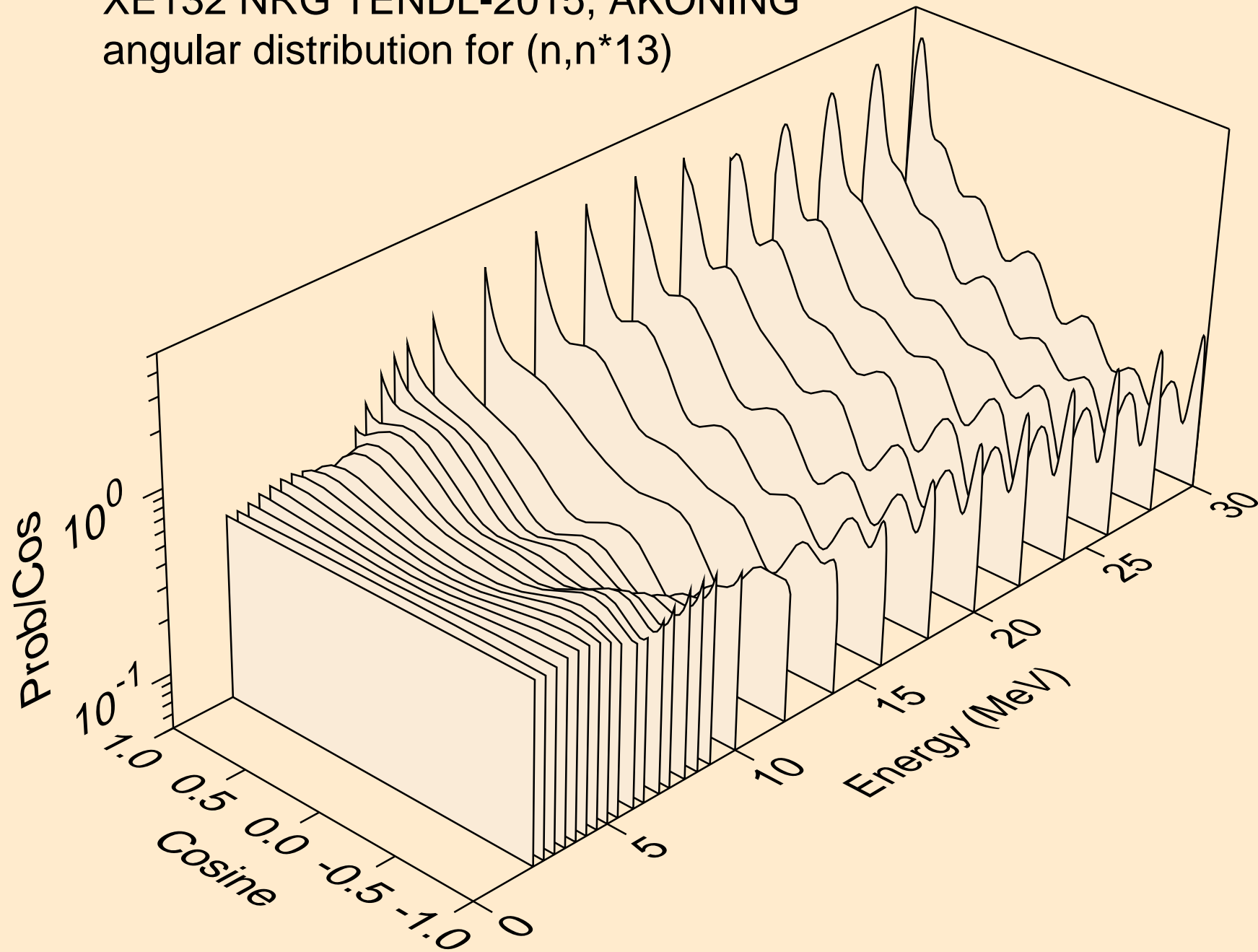
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



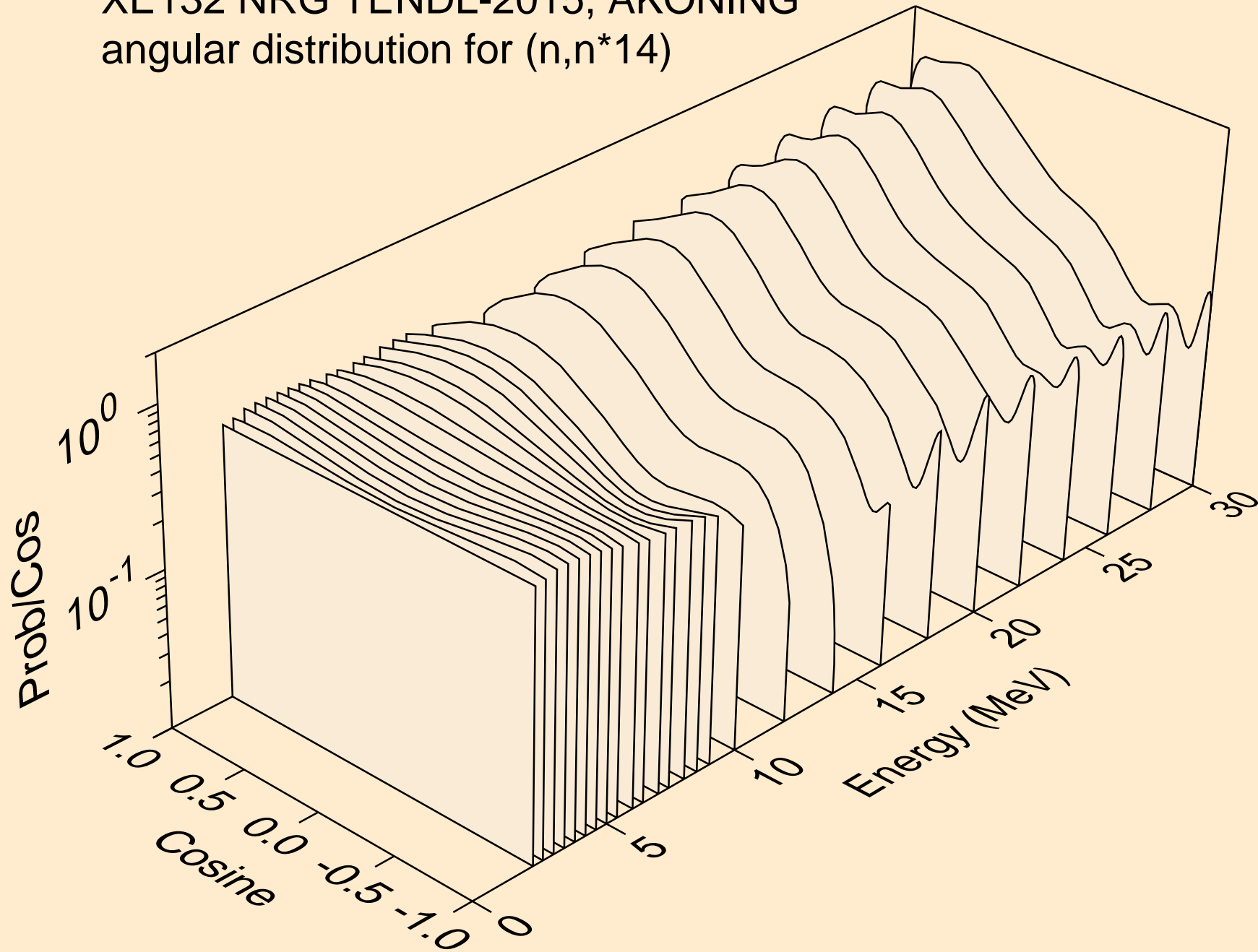
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

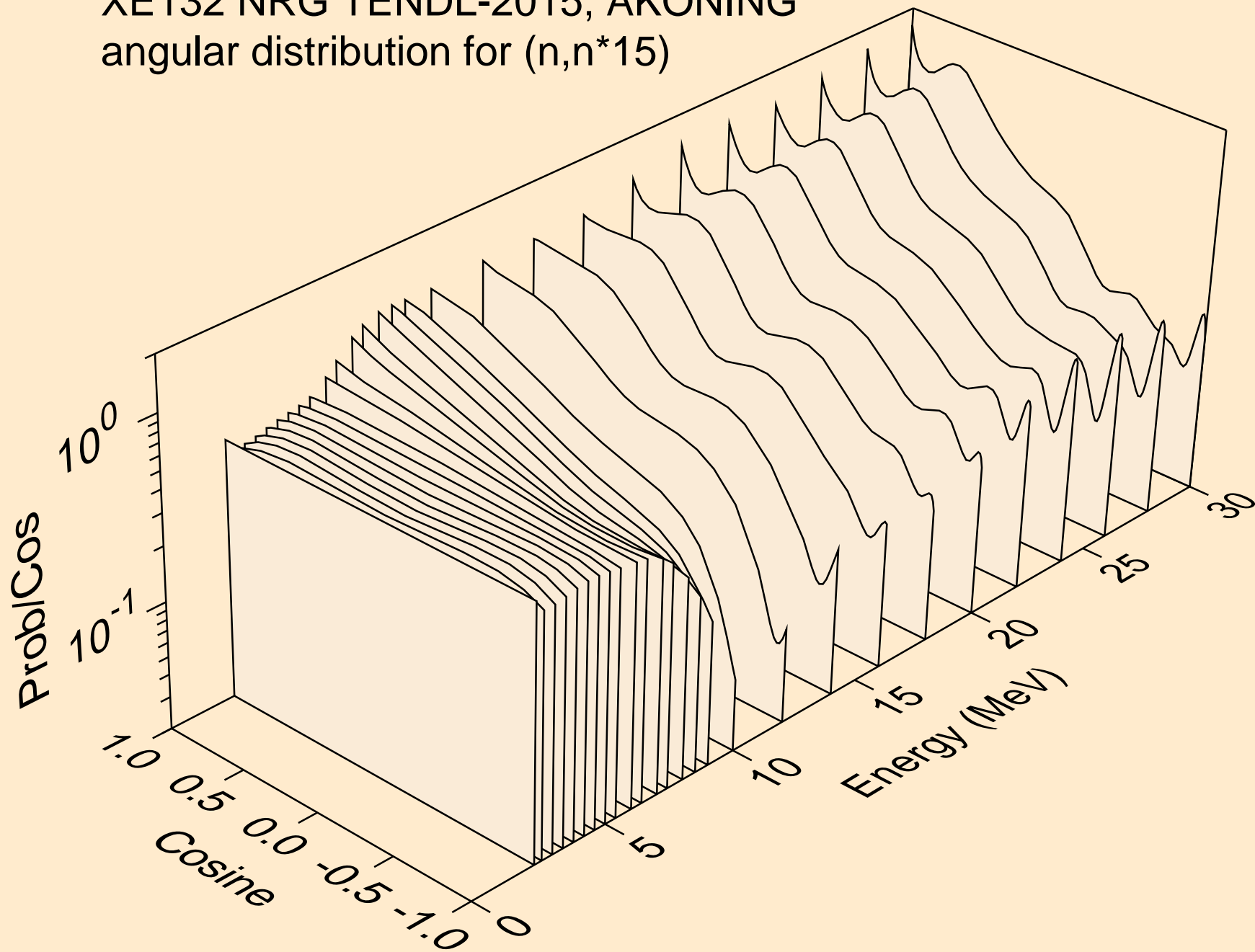


XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

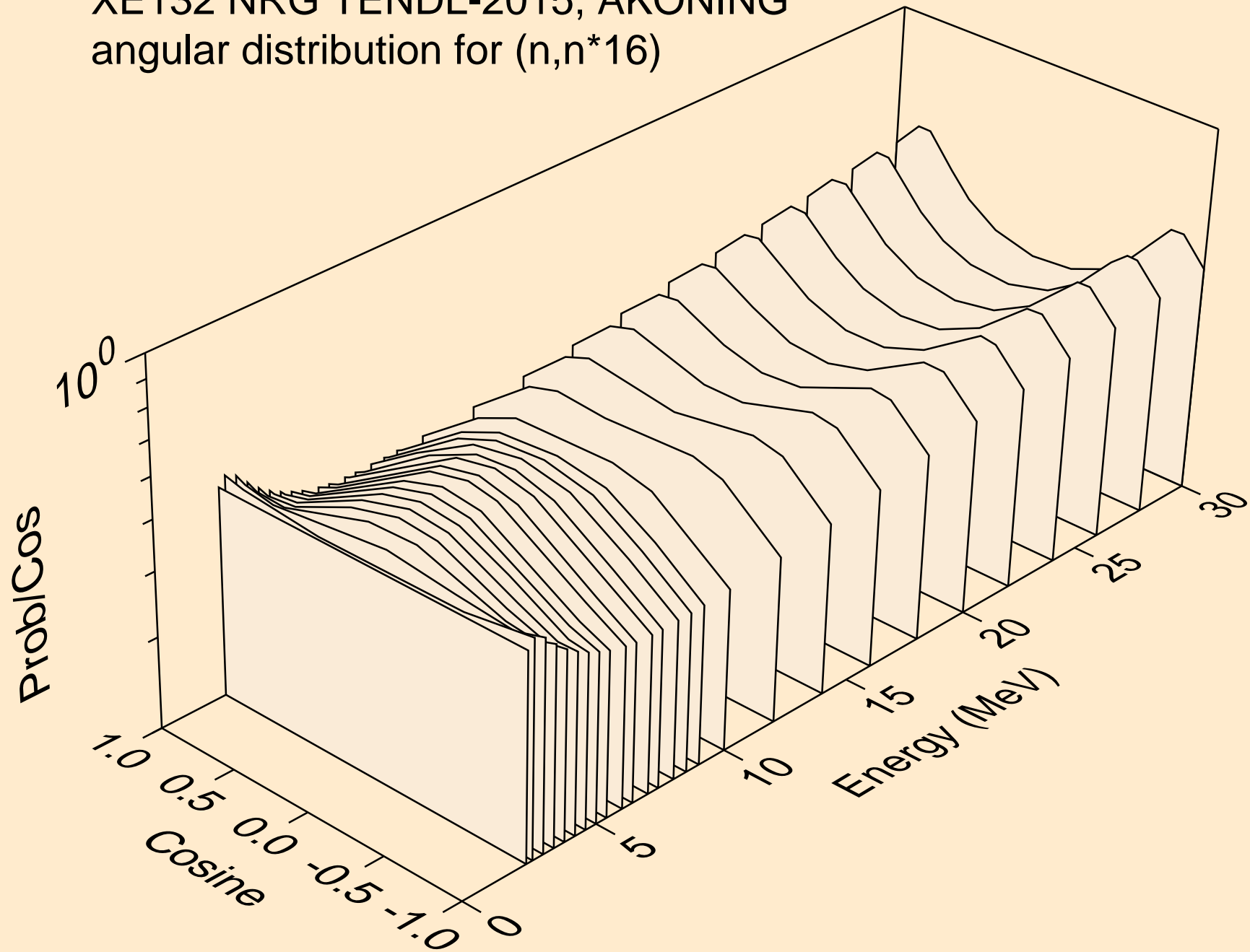




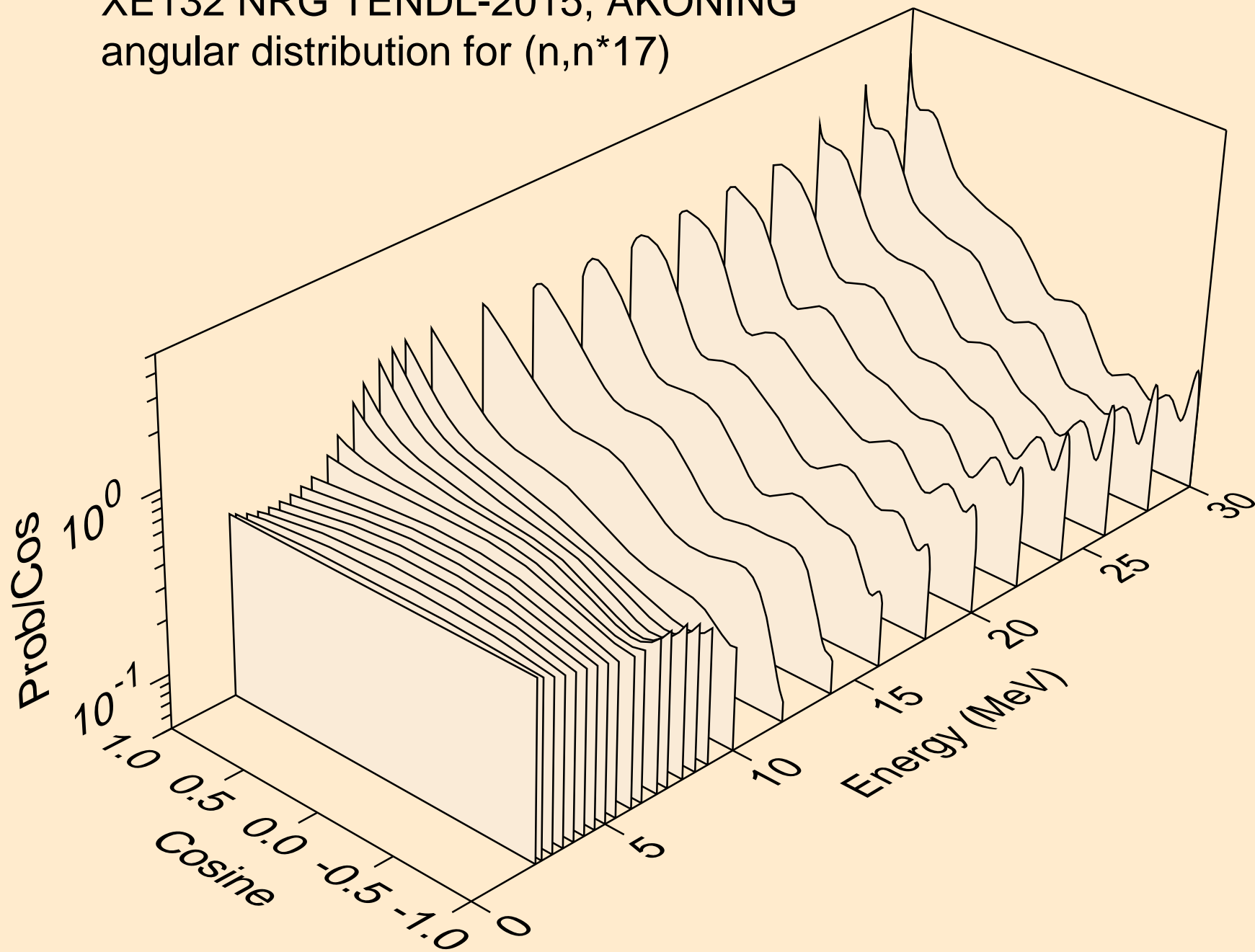
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



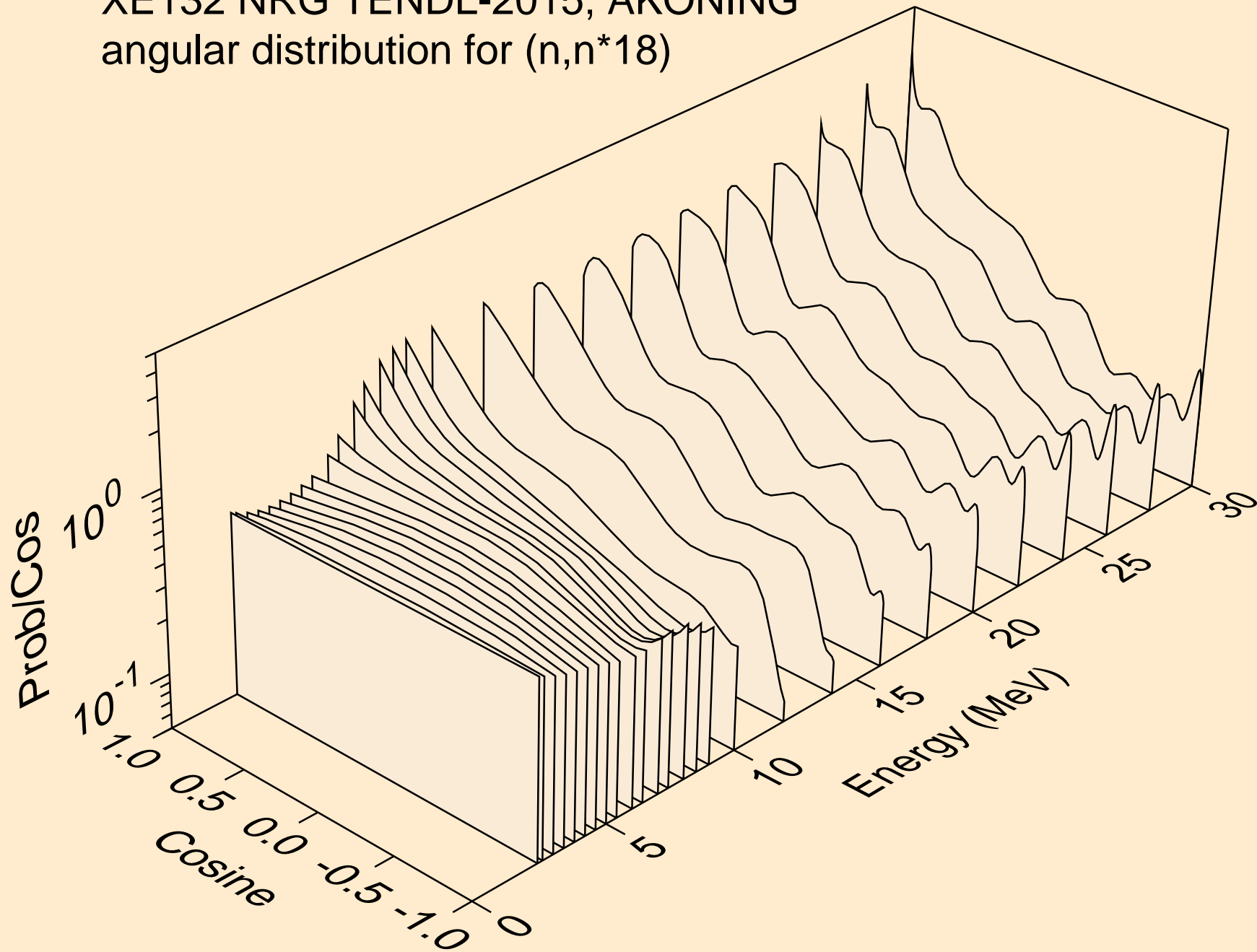
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



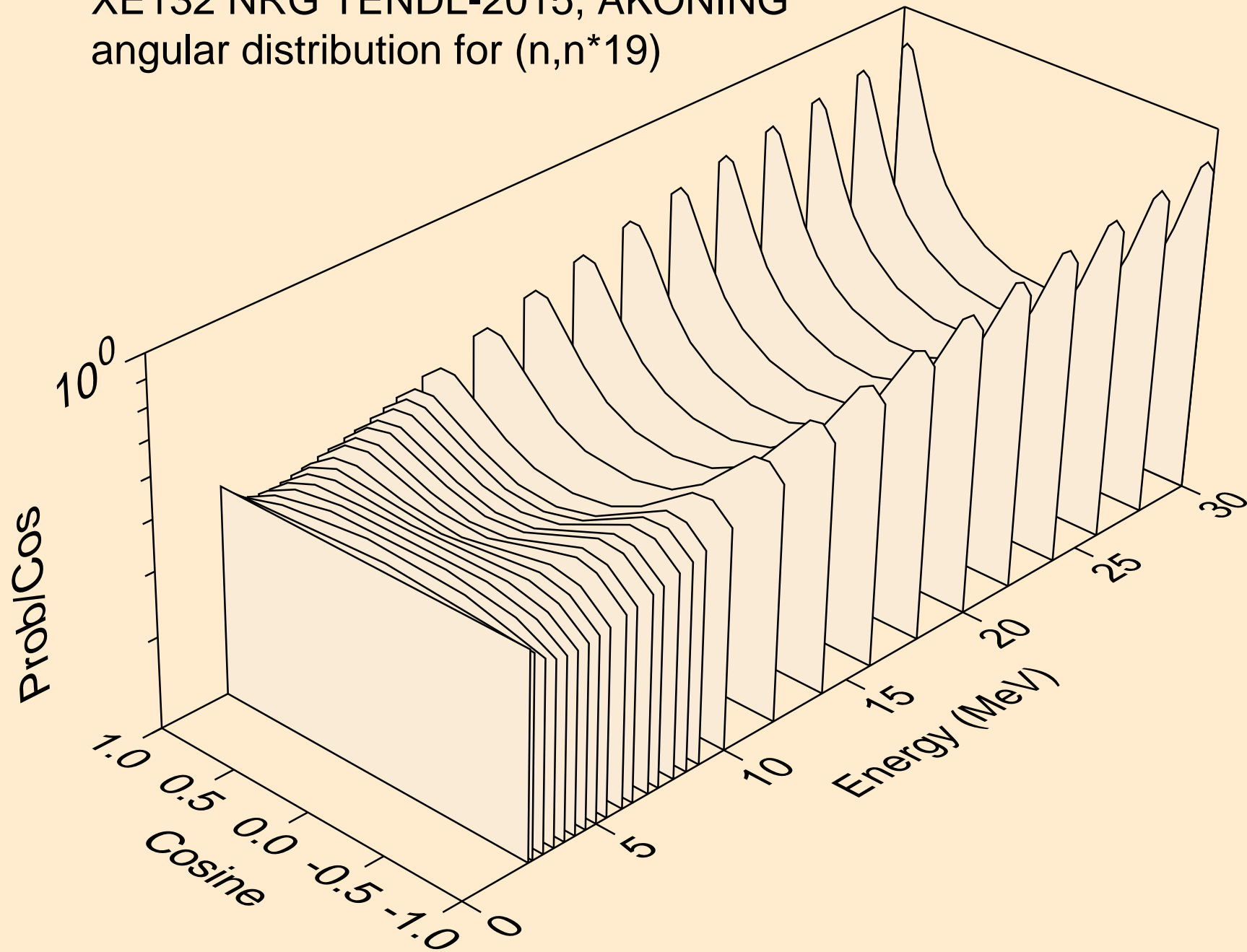
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



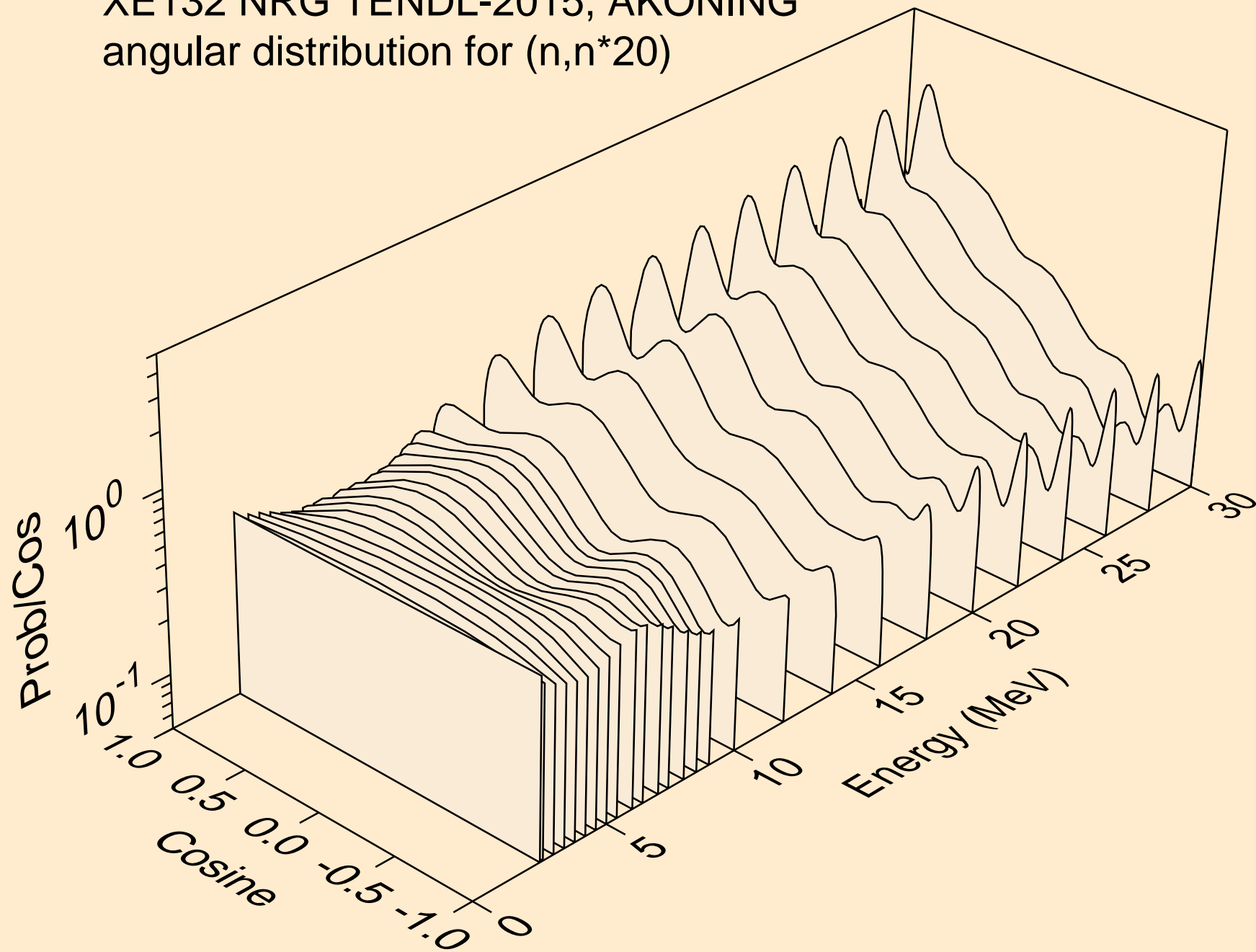
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



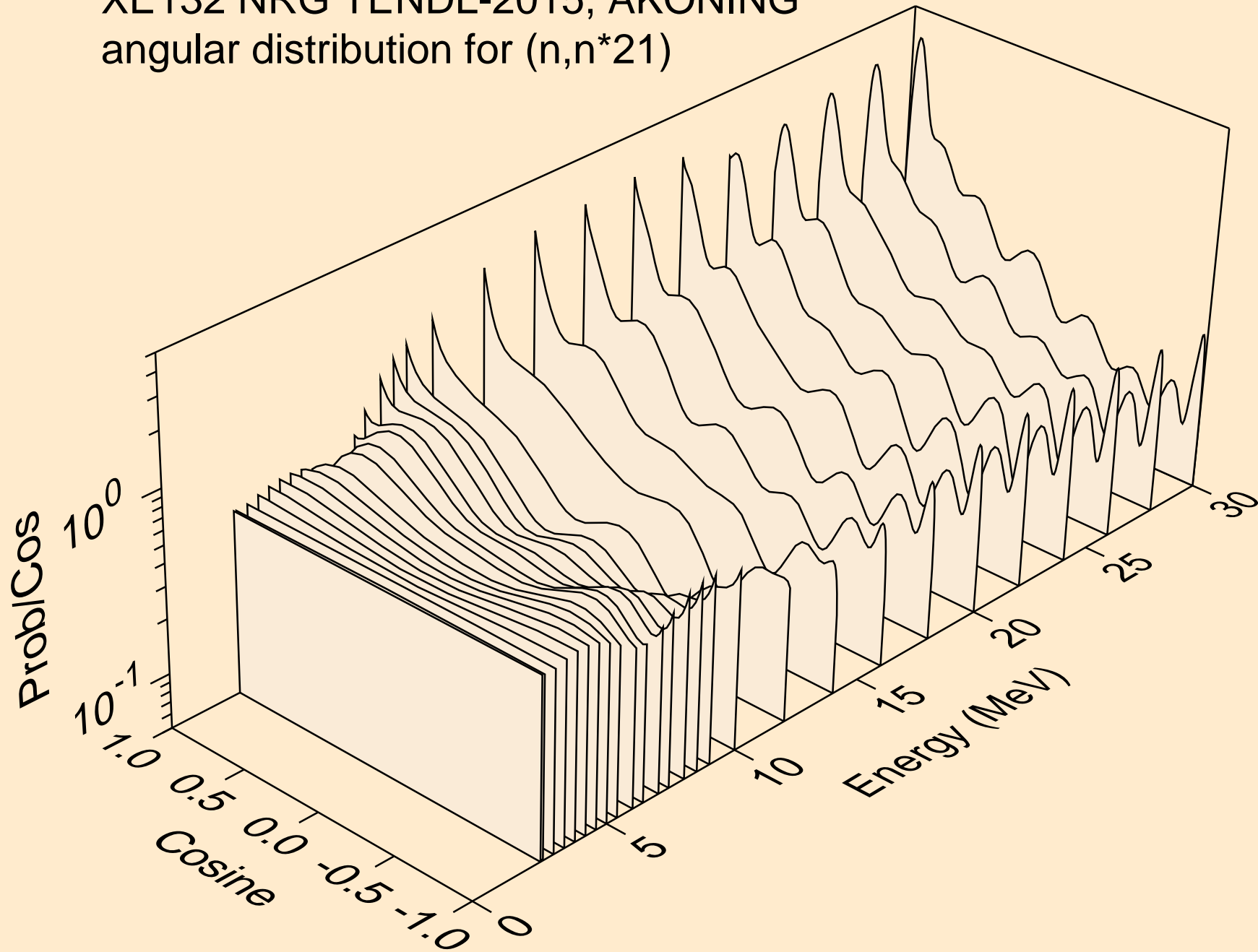
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



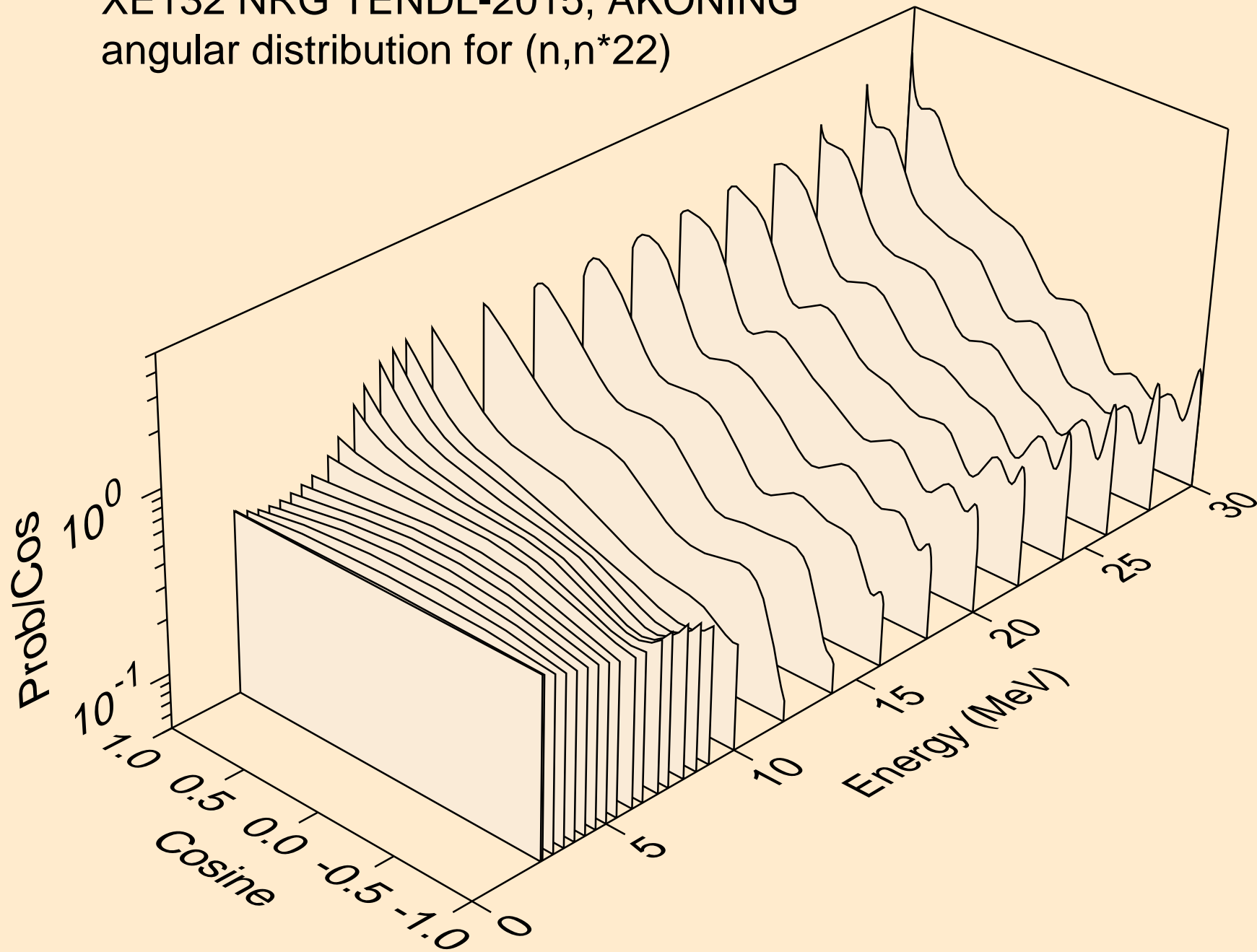
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

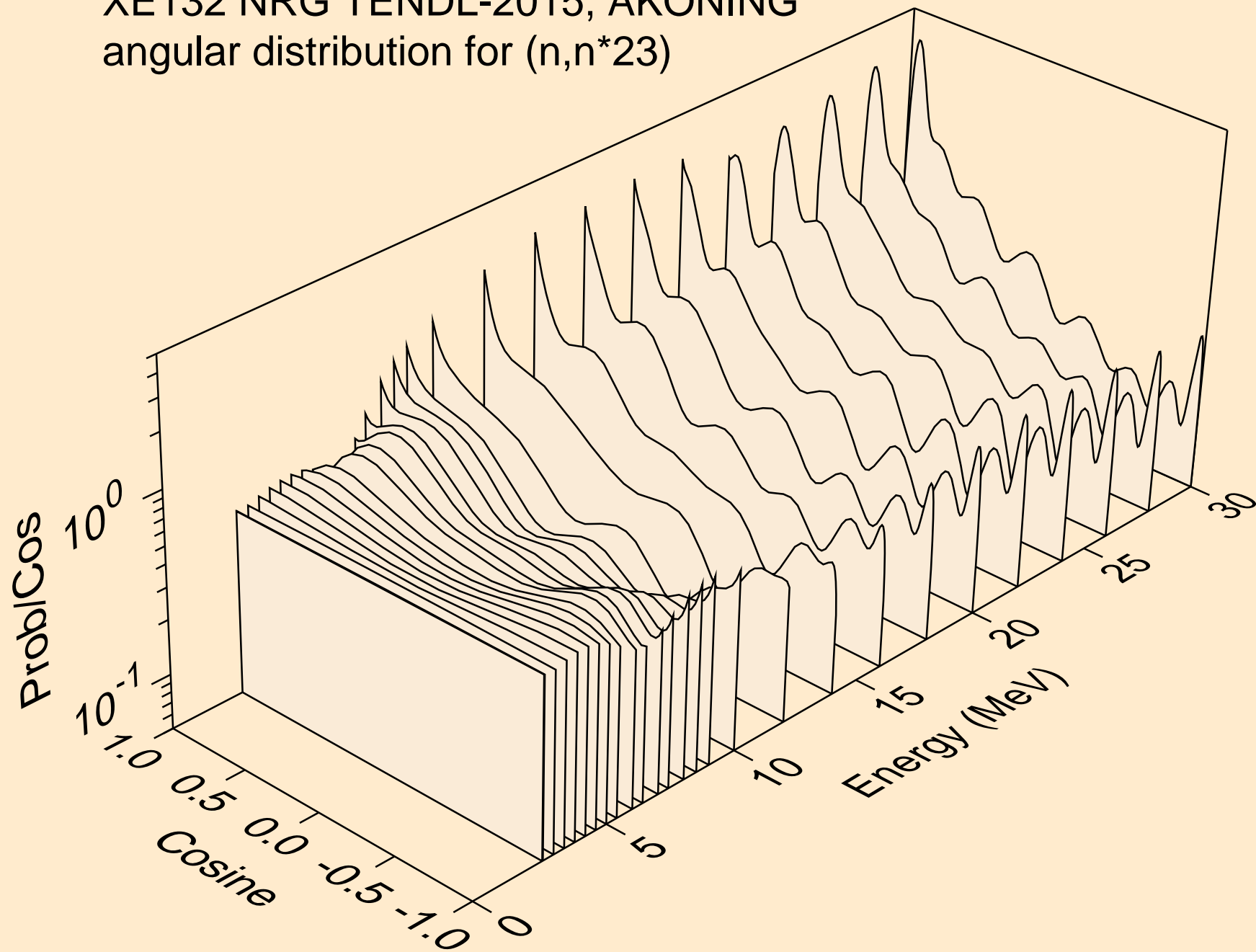


XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

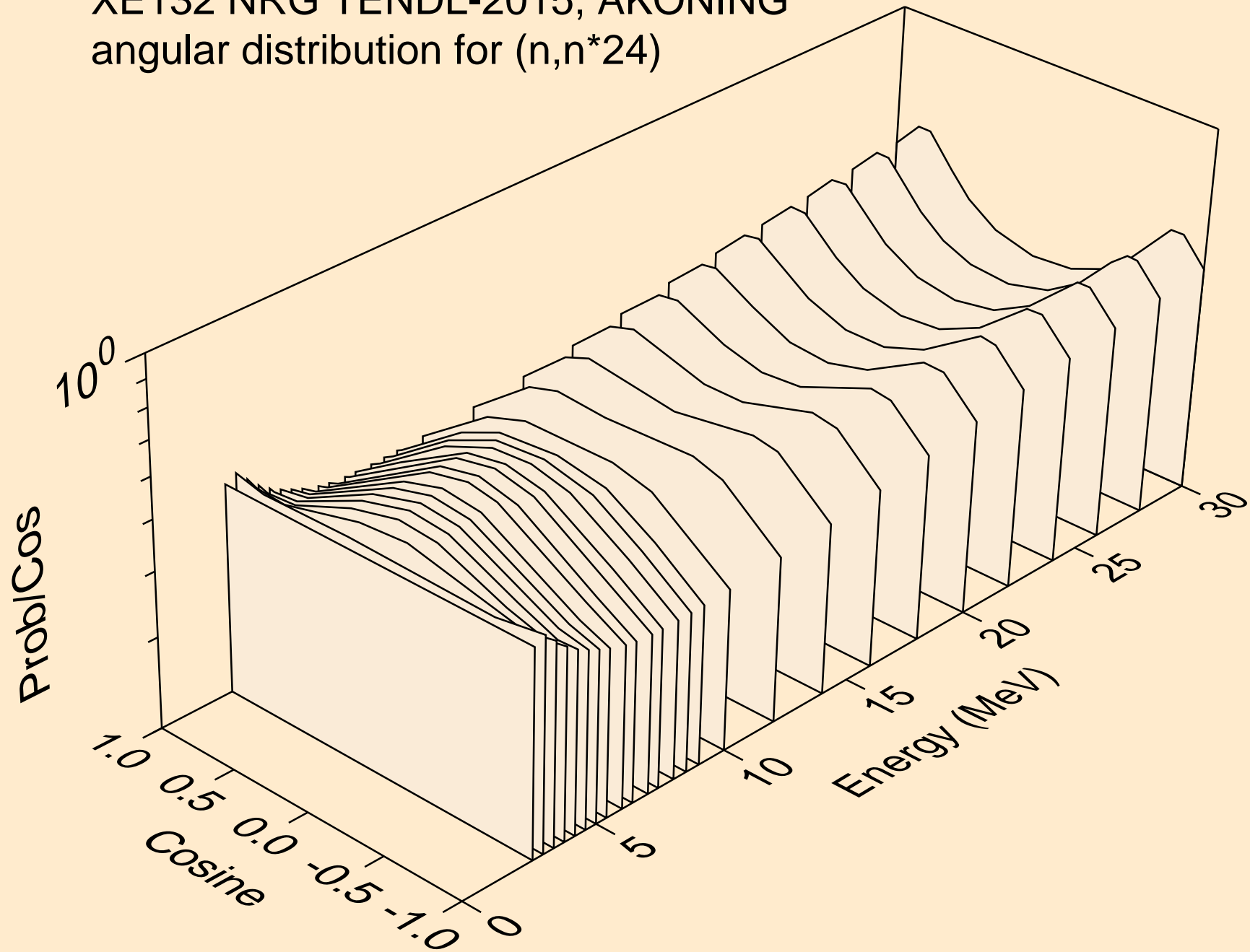




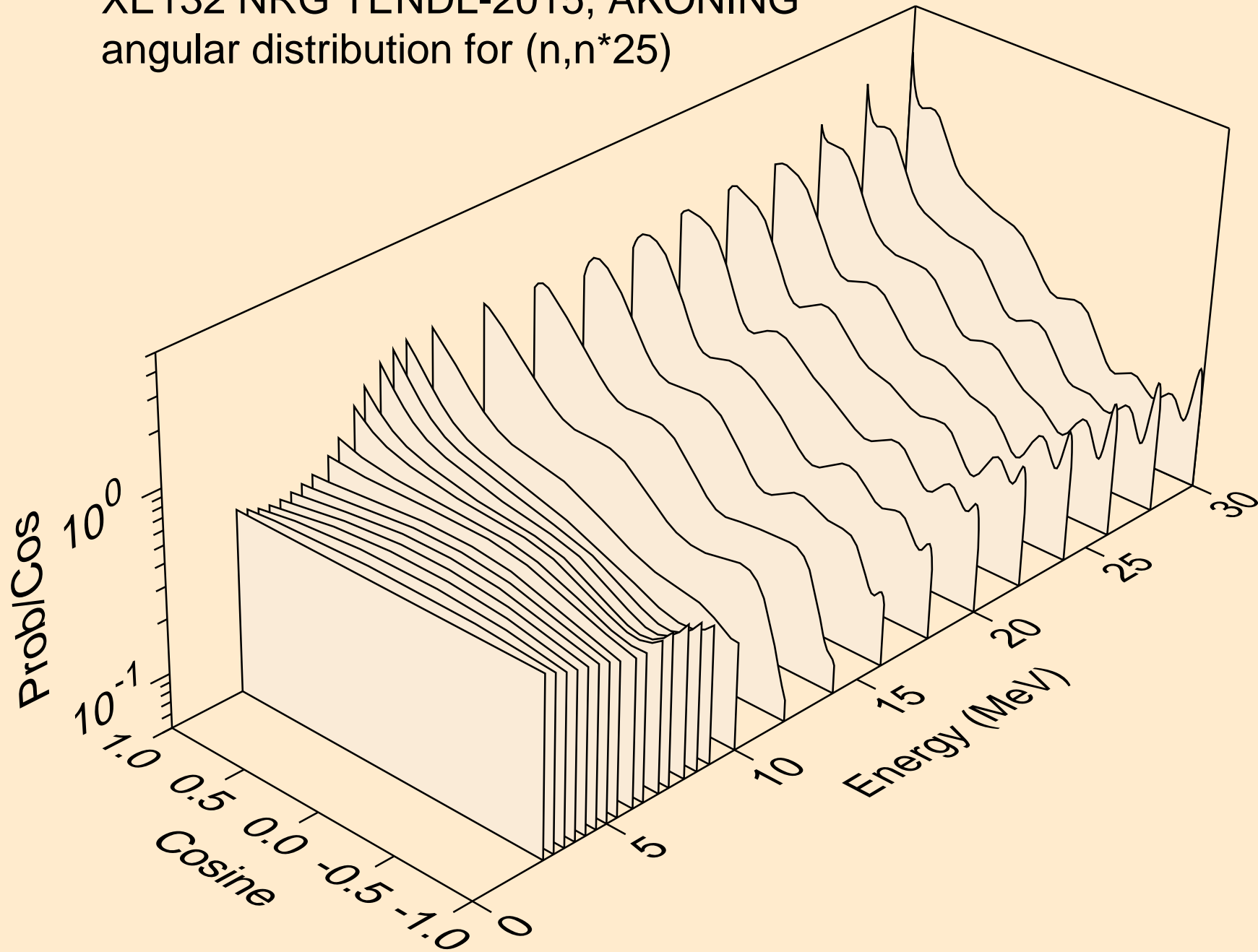
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



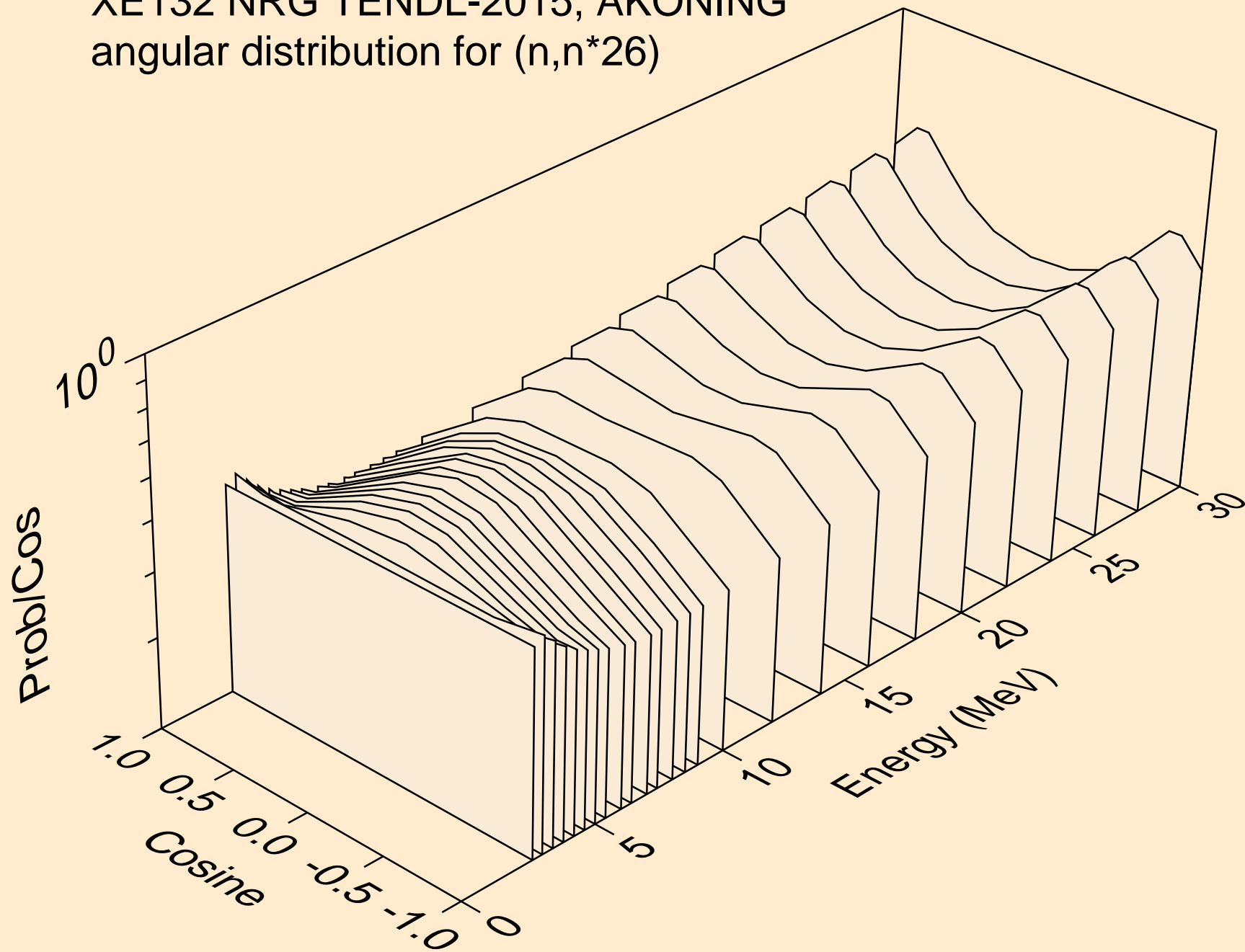
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



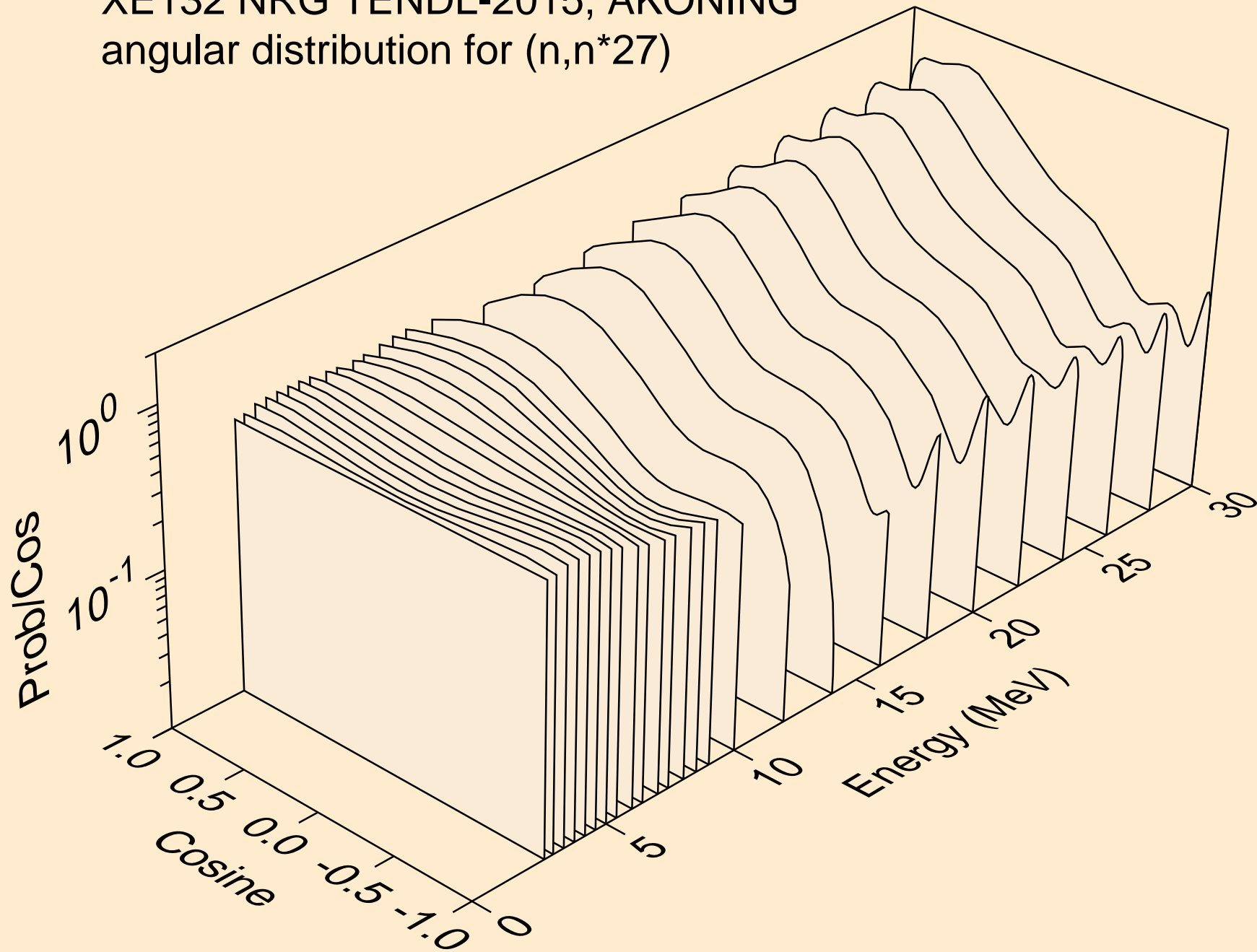
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



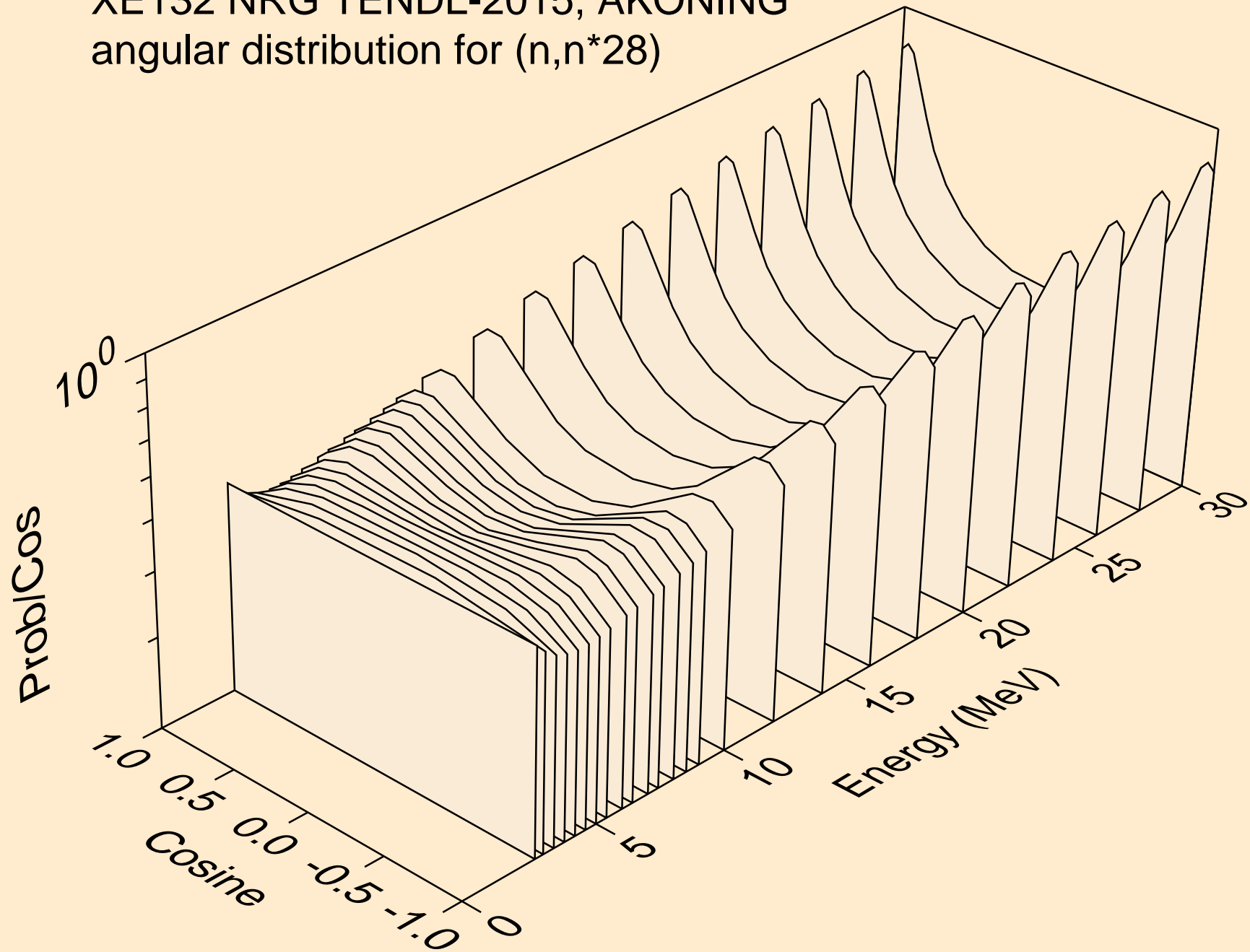
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



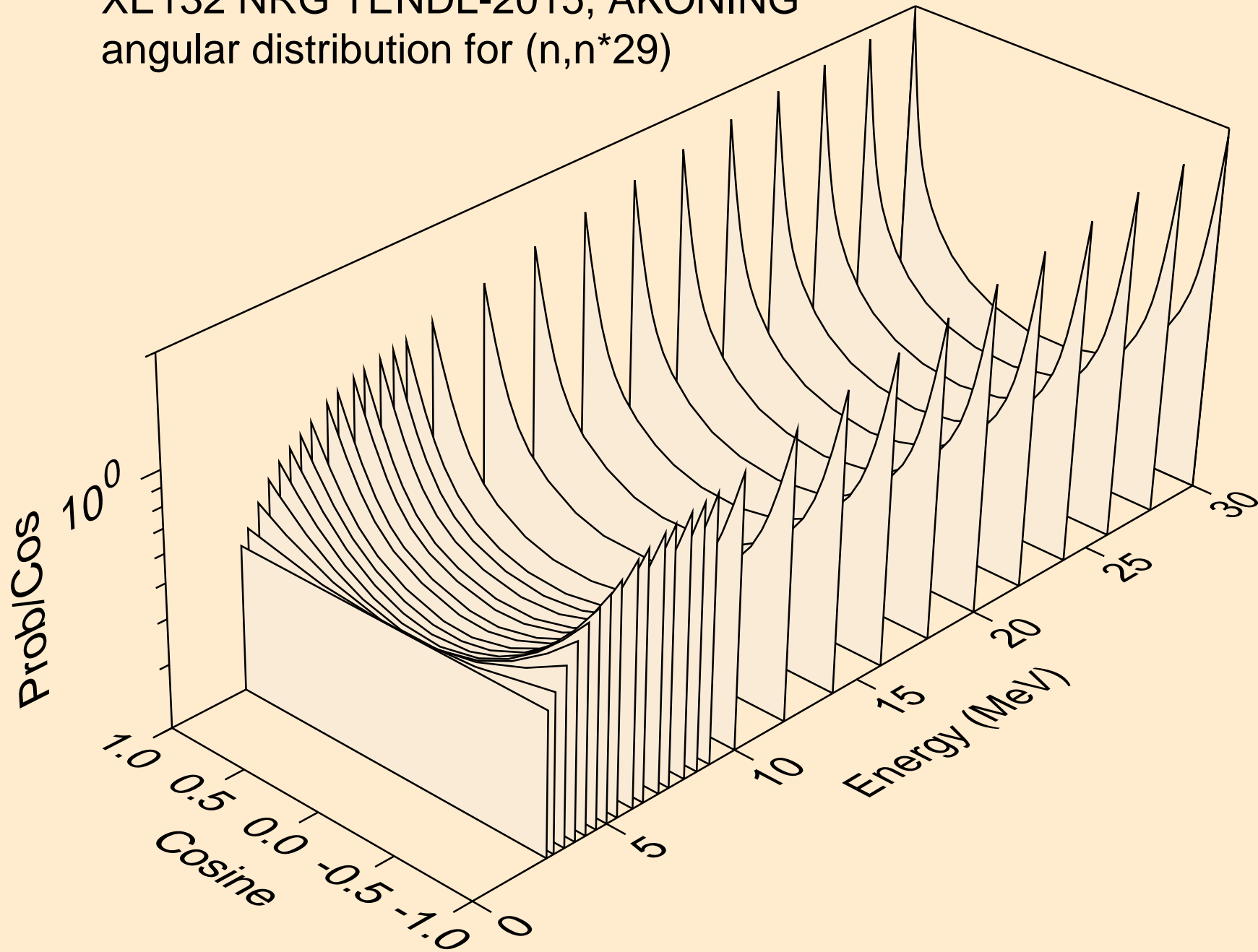
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



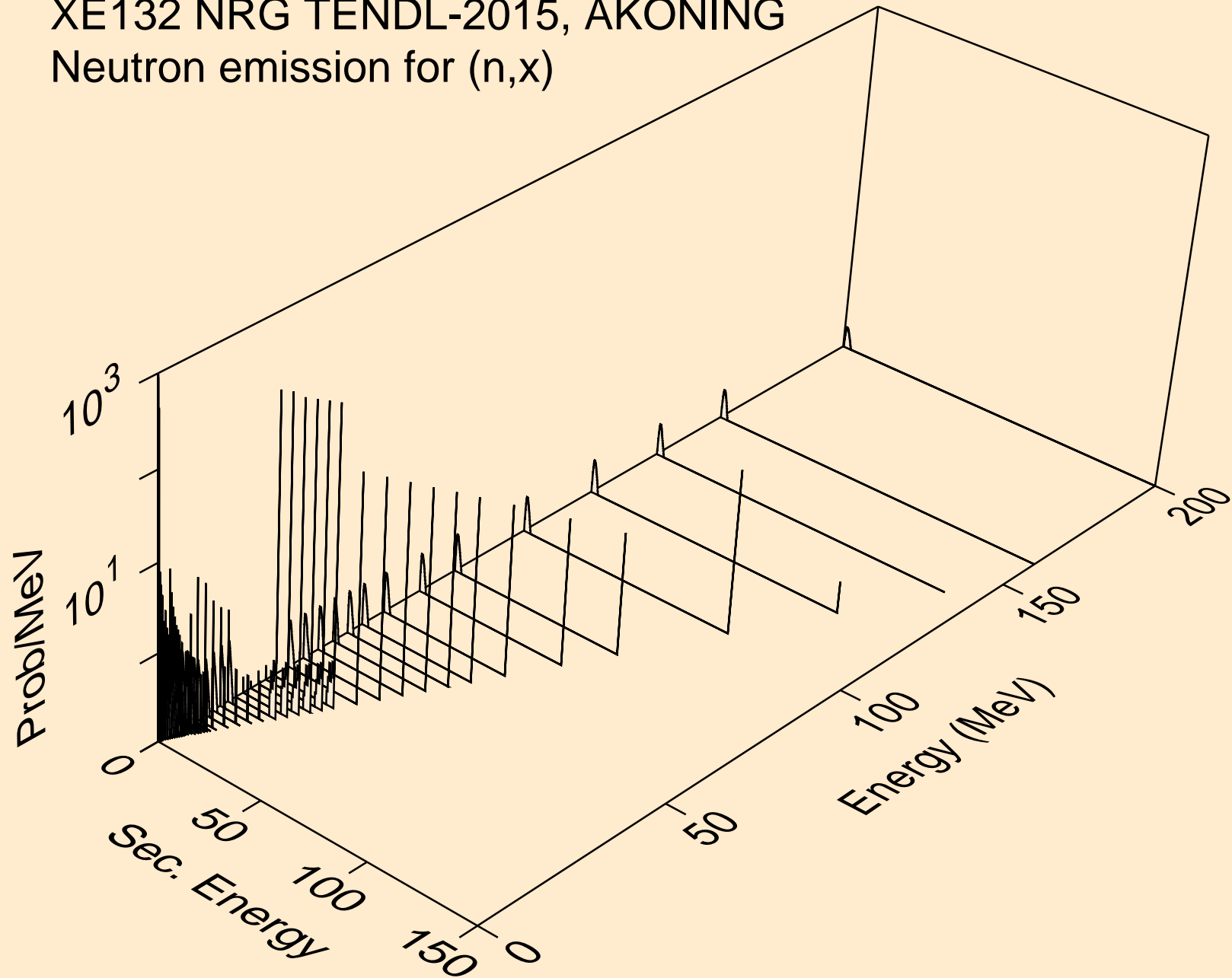
XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



XE132 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

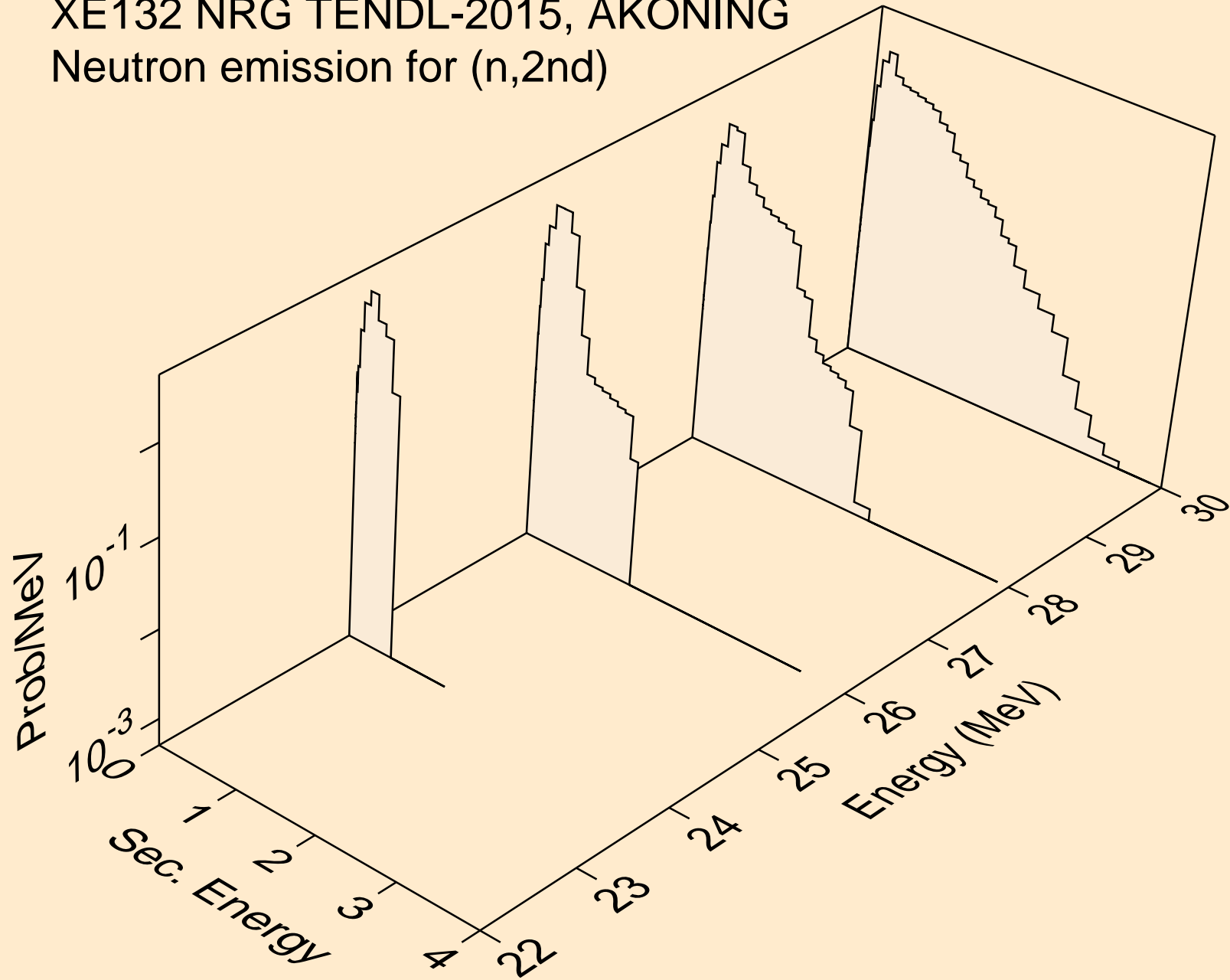


XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

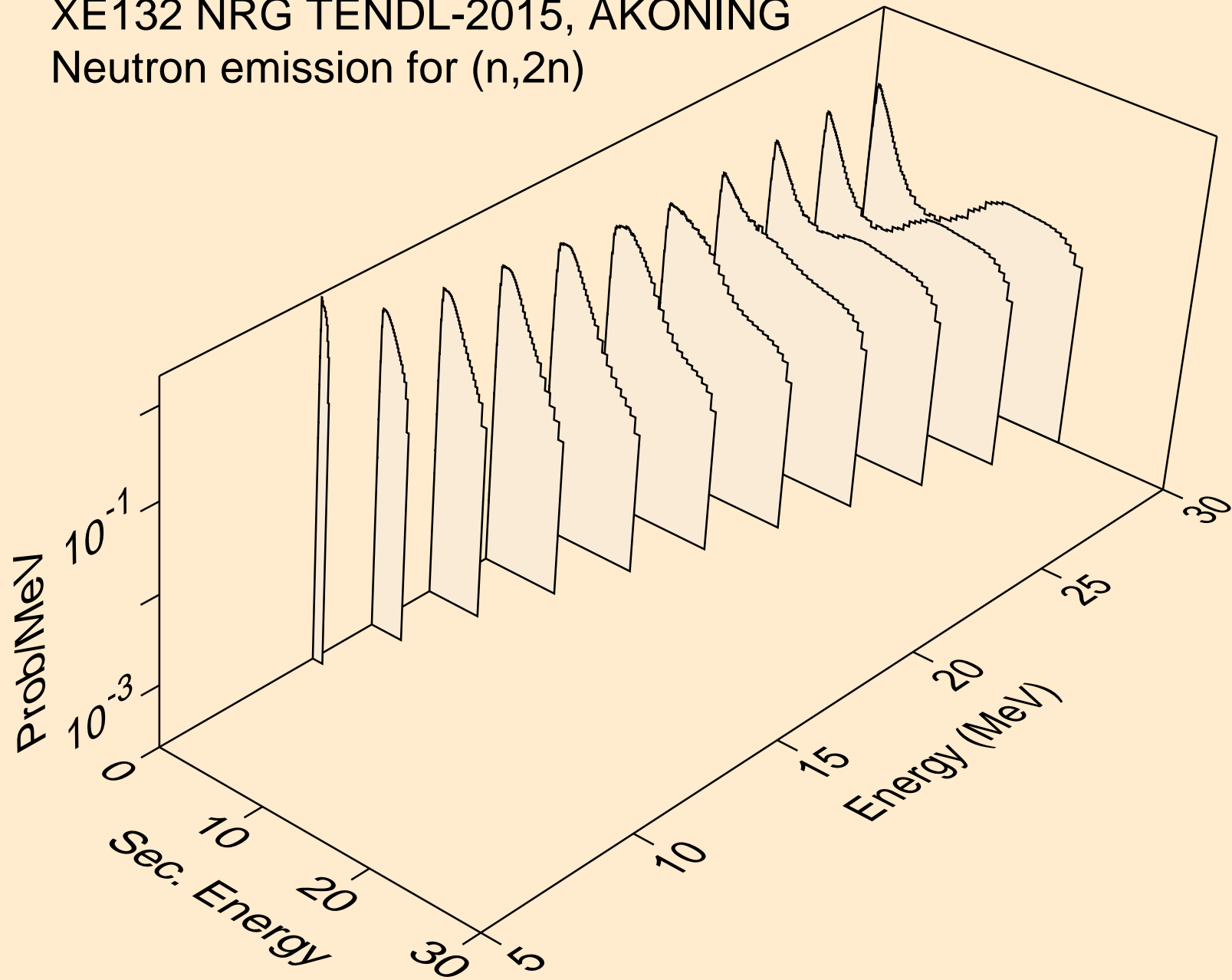




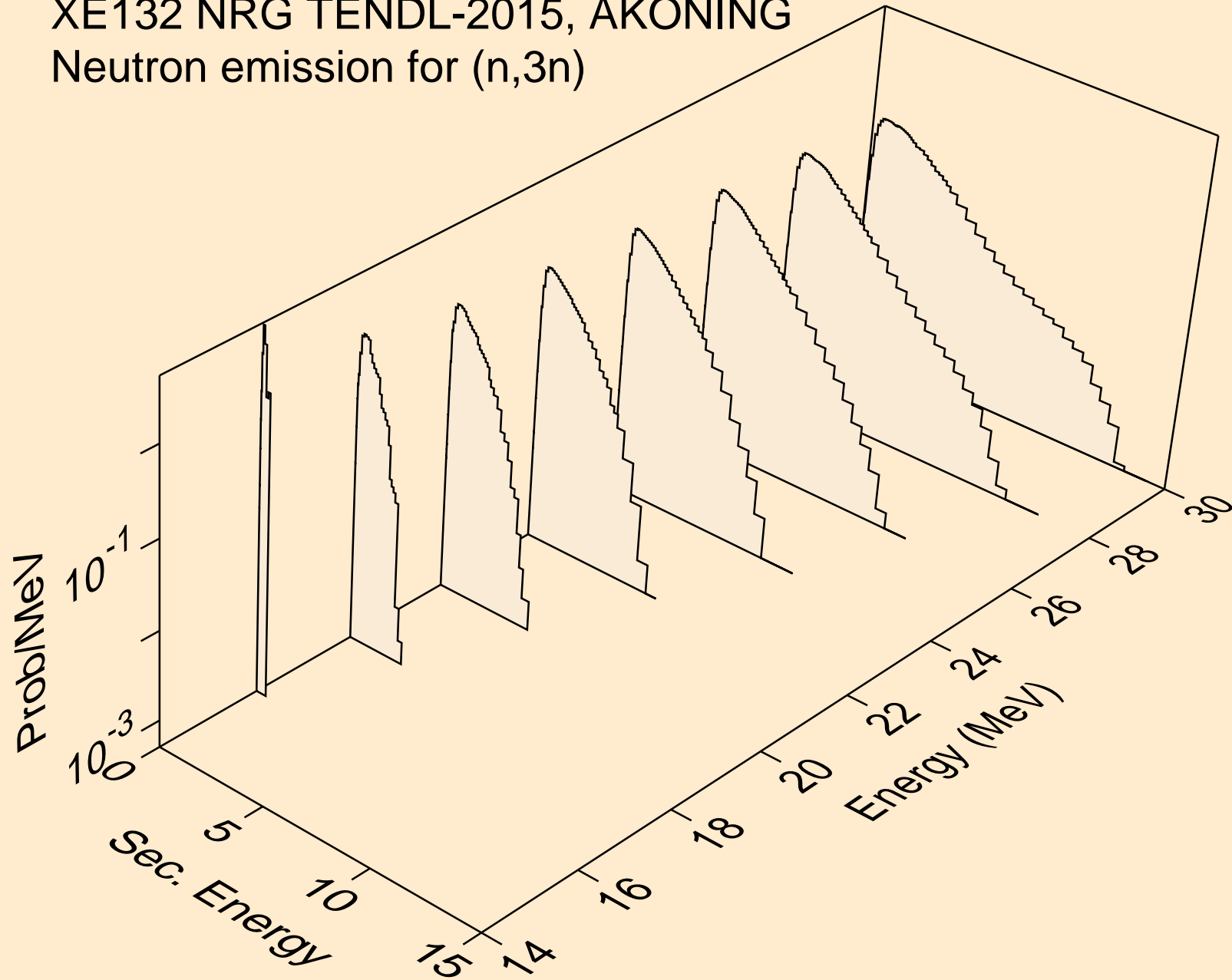
XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



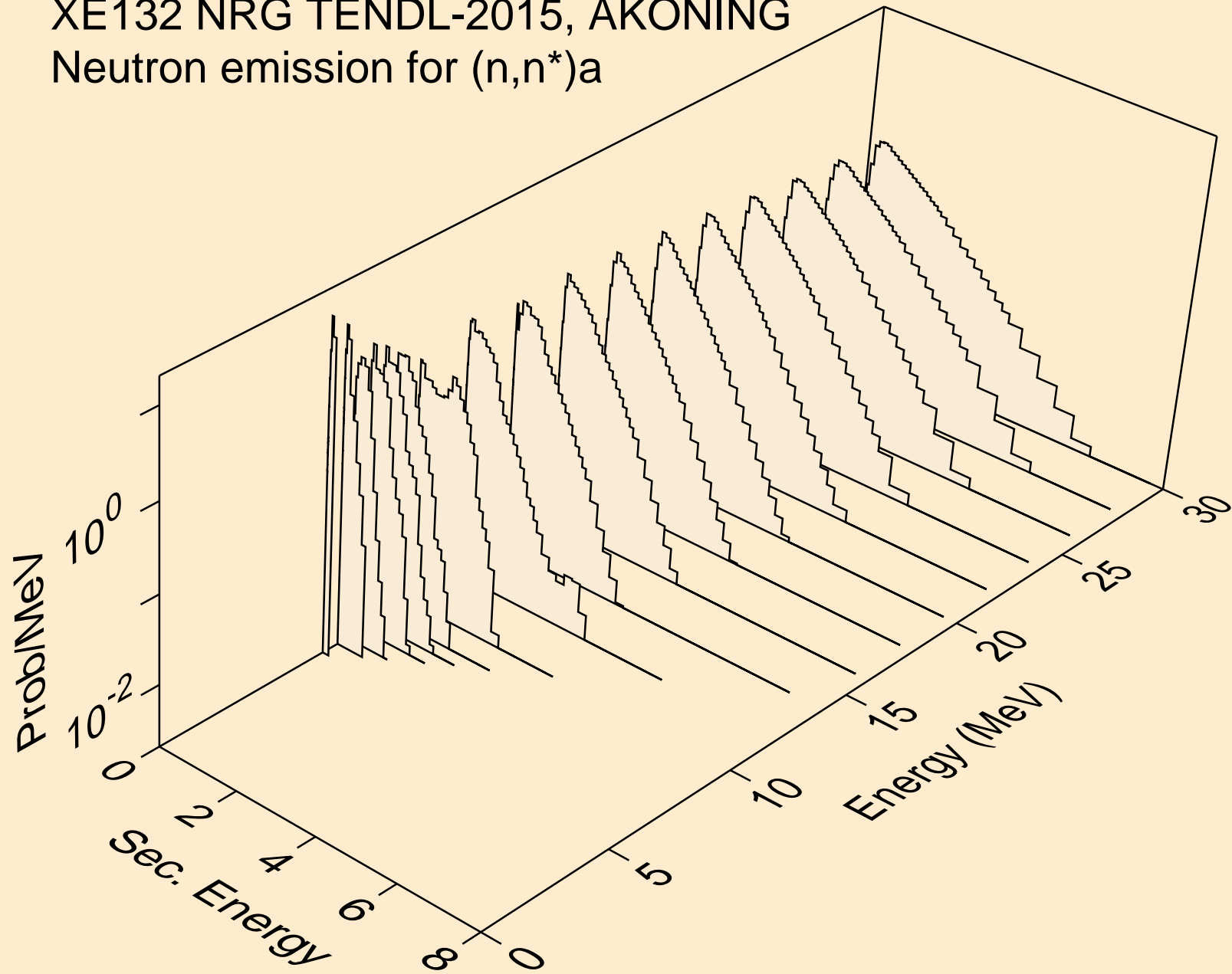
XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



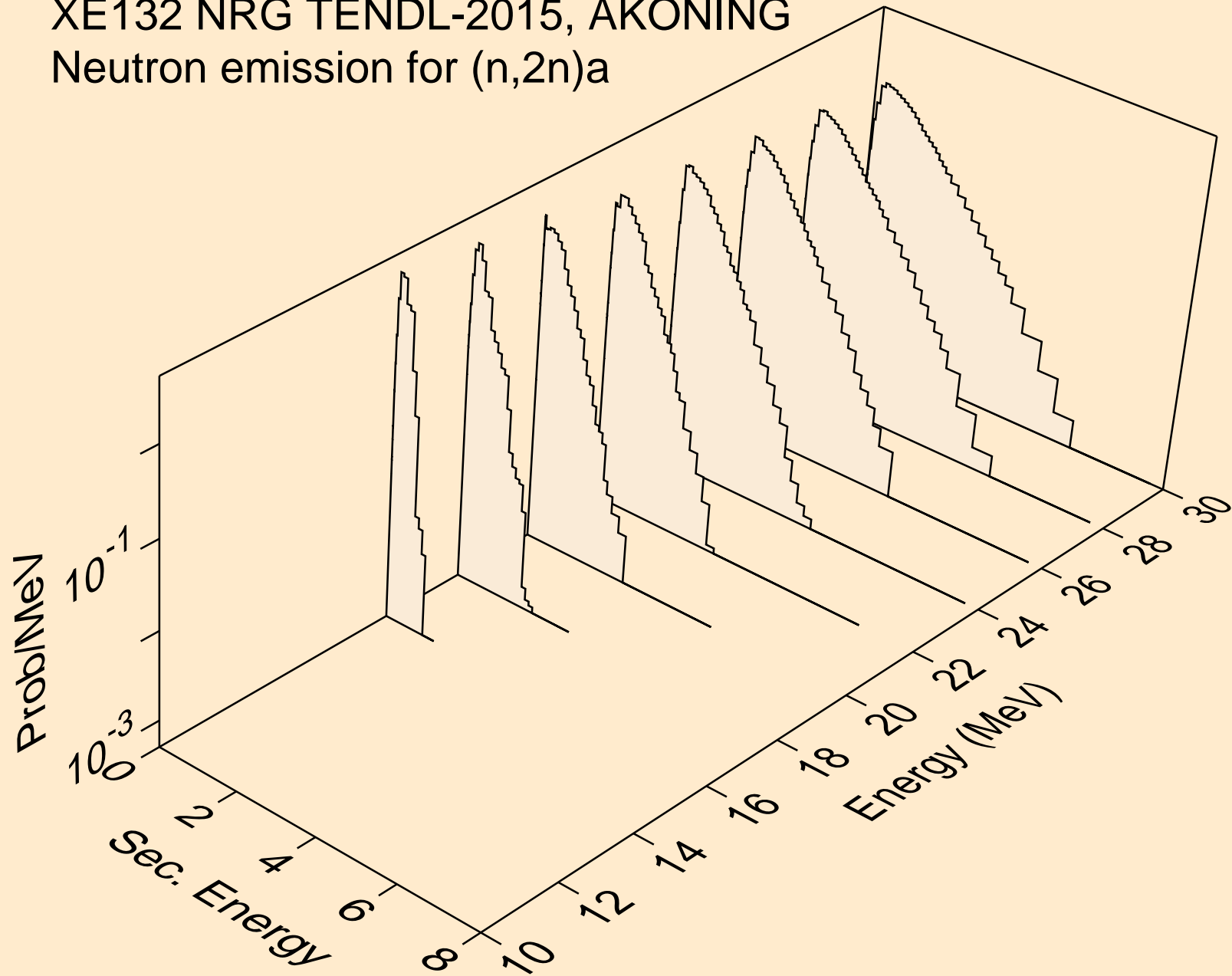
XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



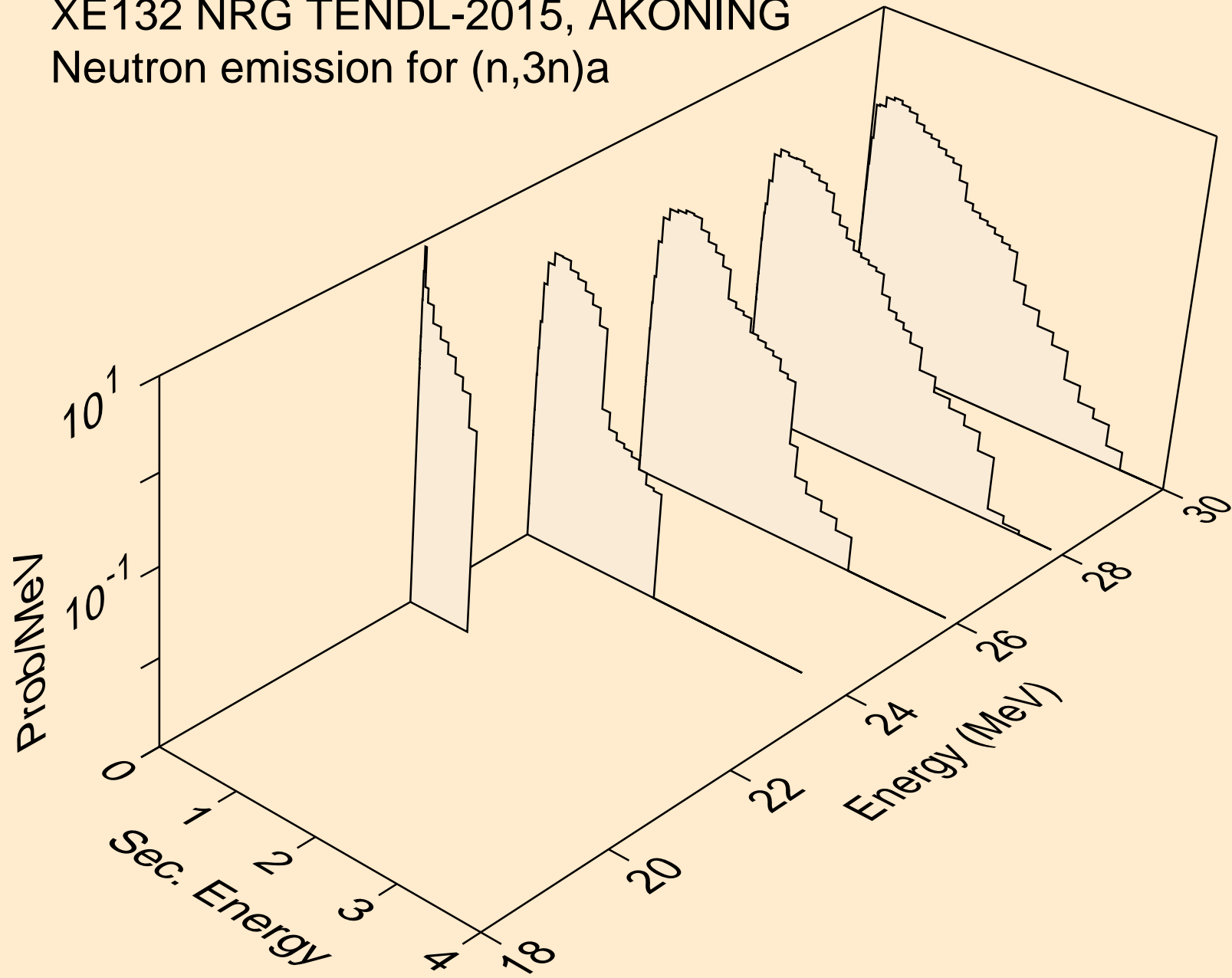
XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



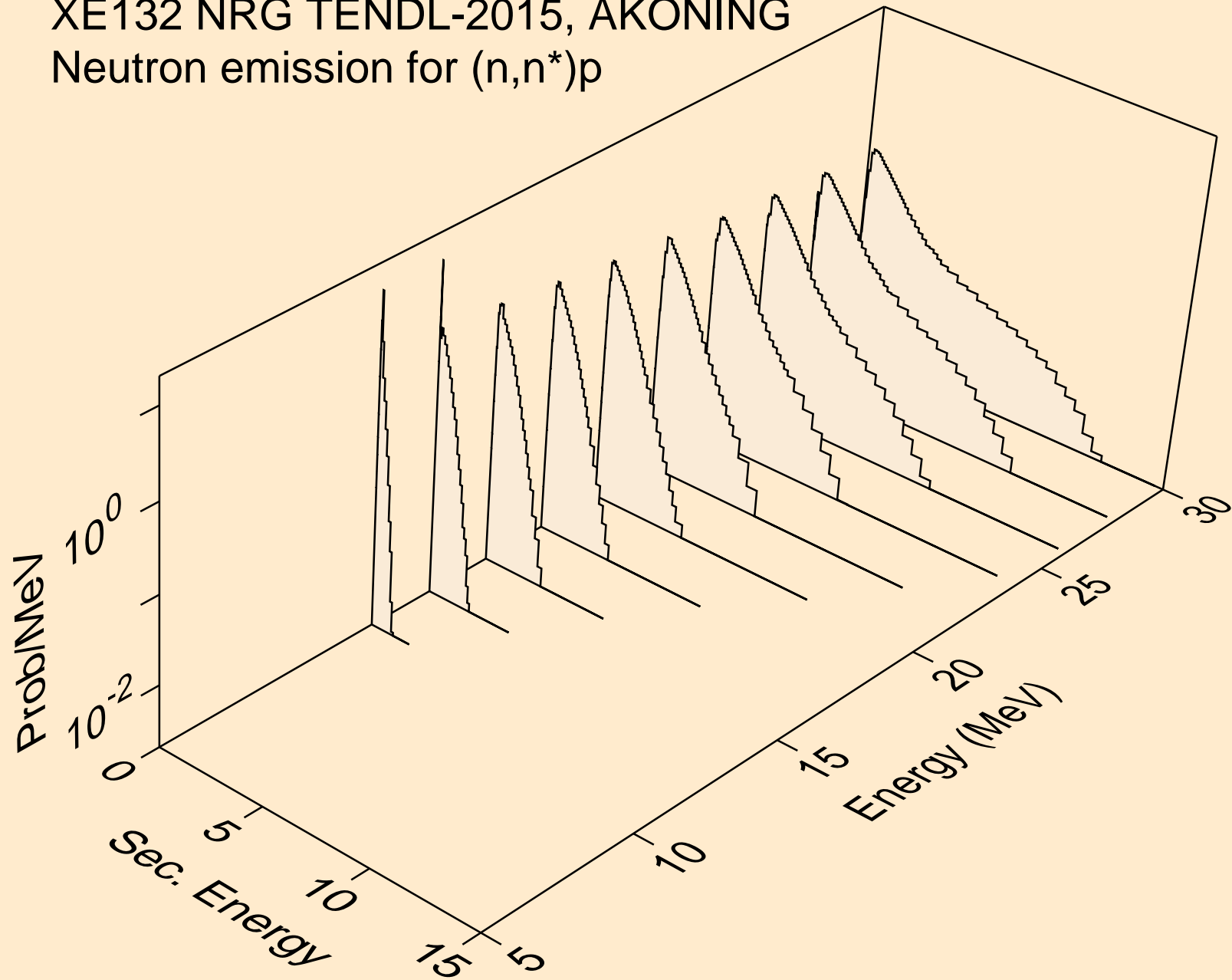
XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



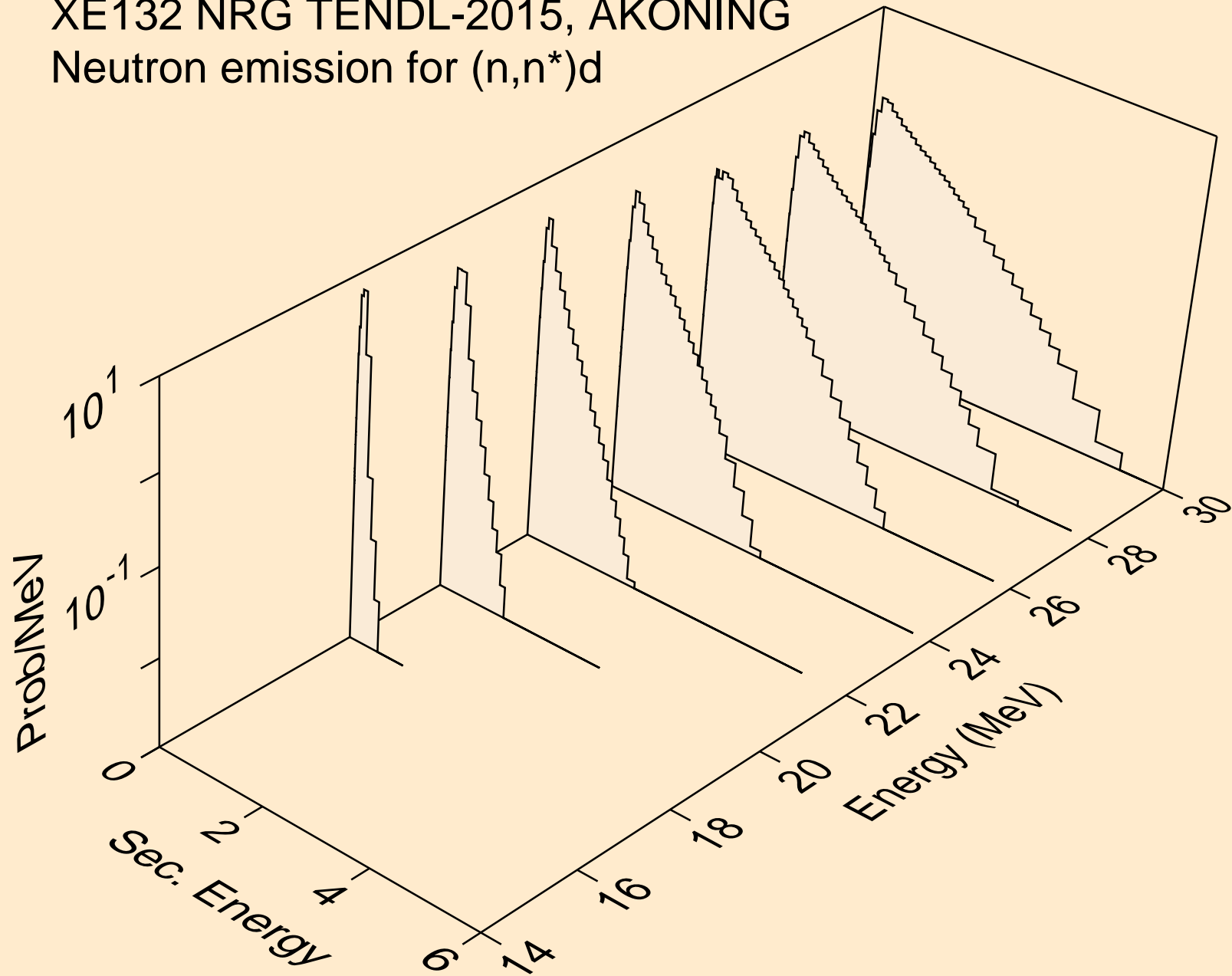
XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

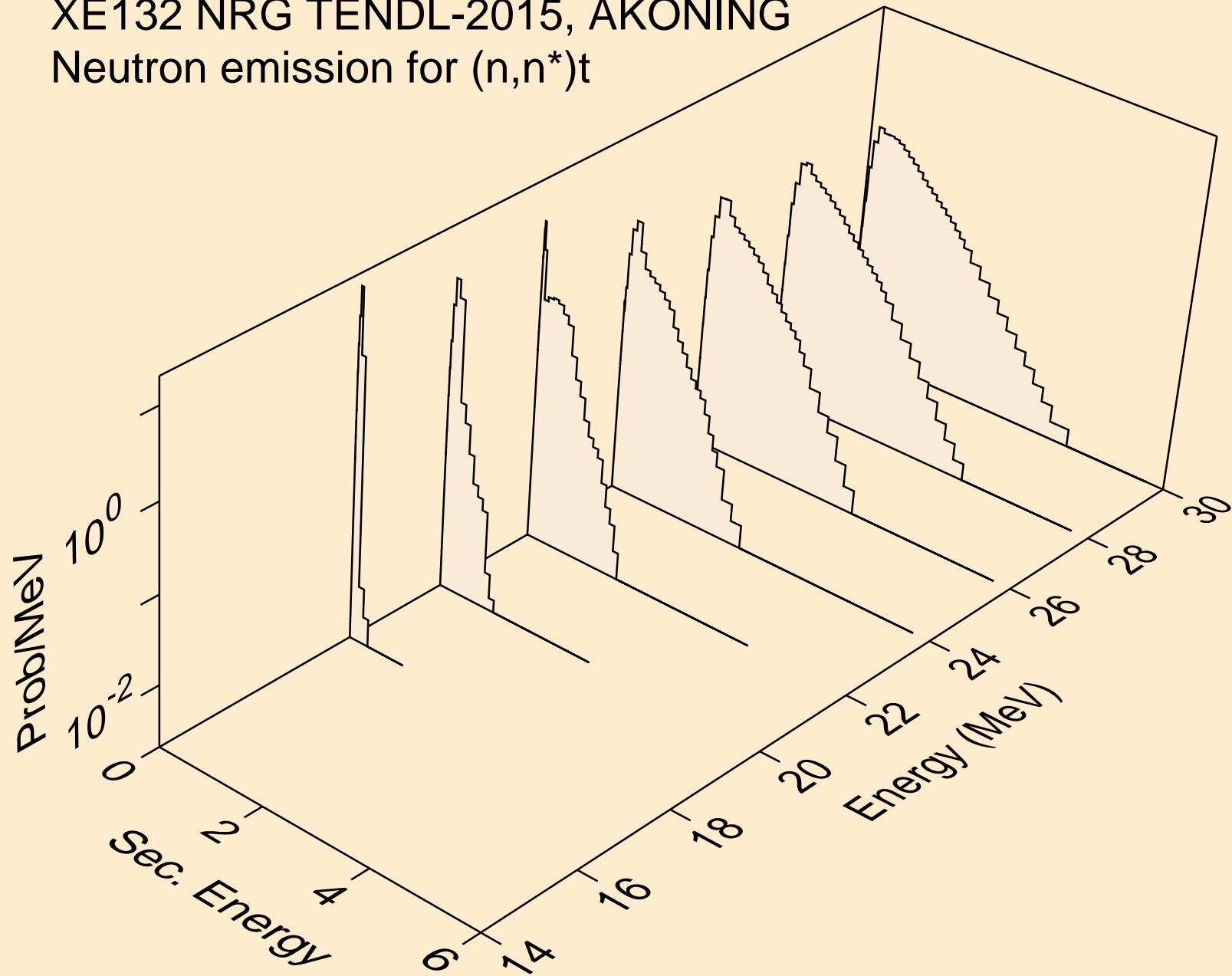


XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

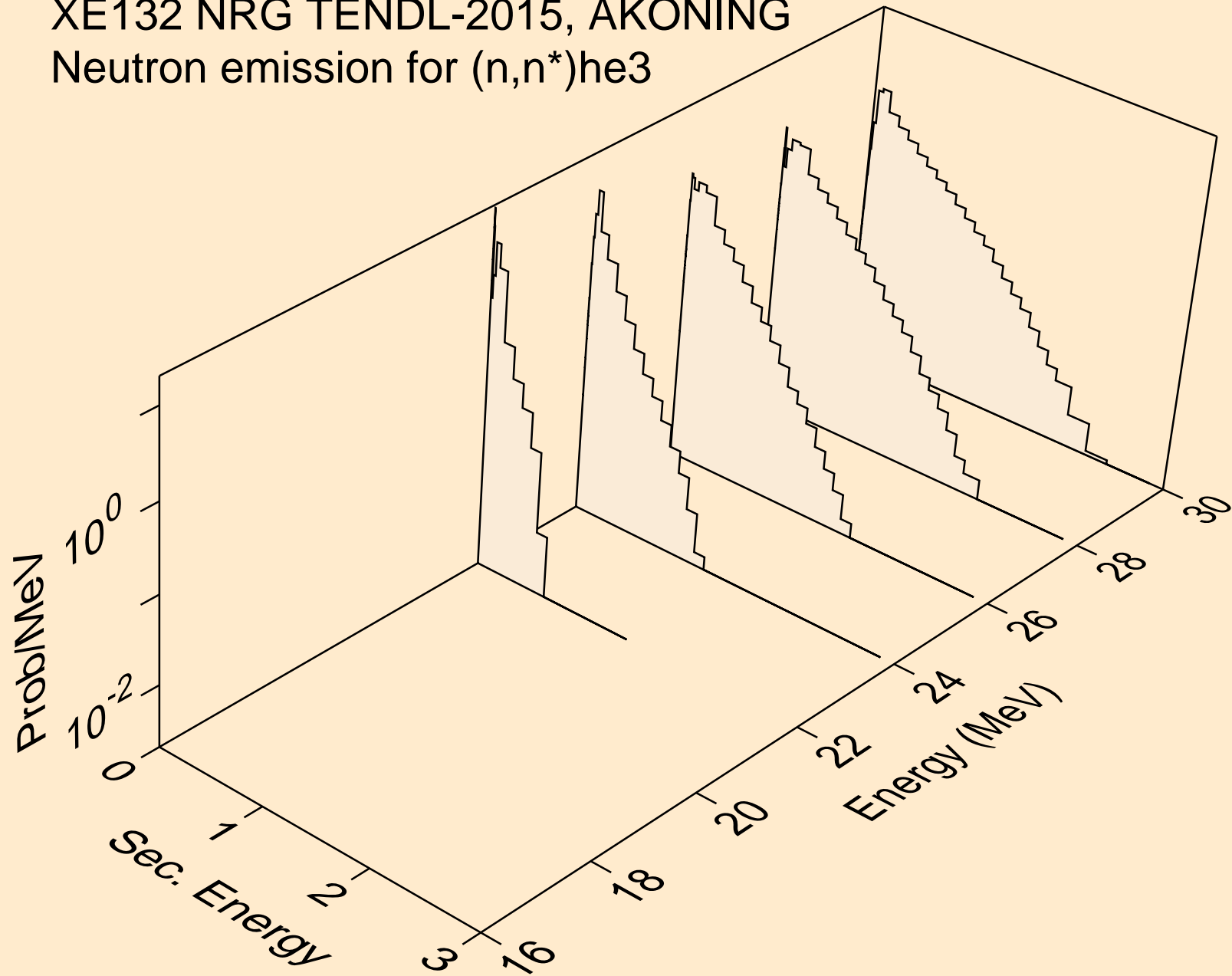




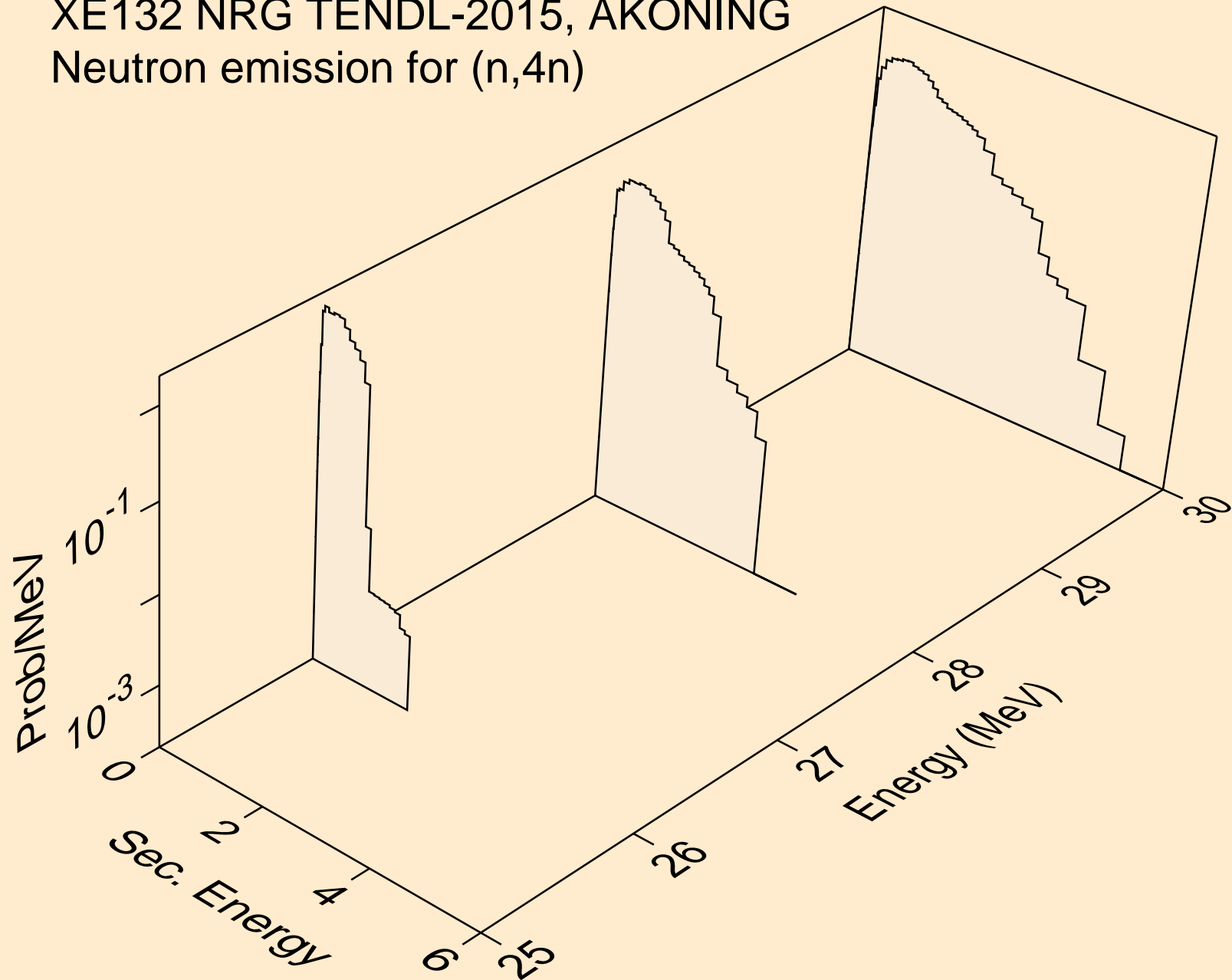
XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



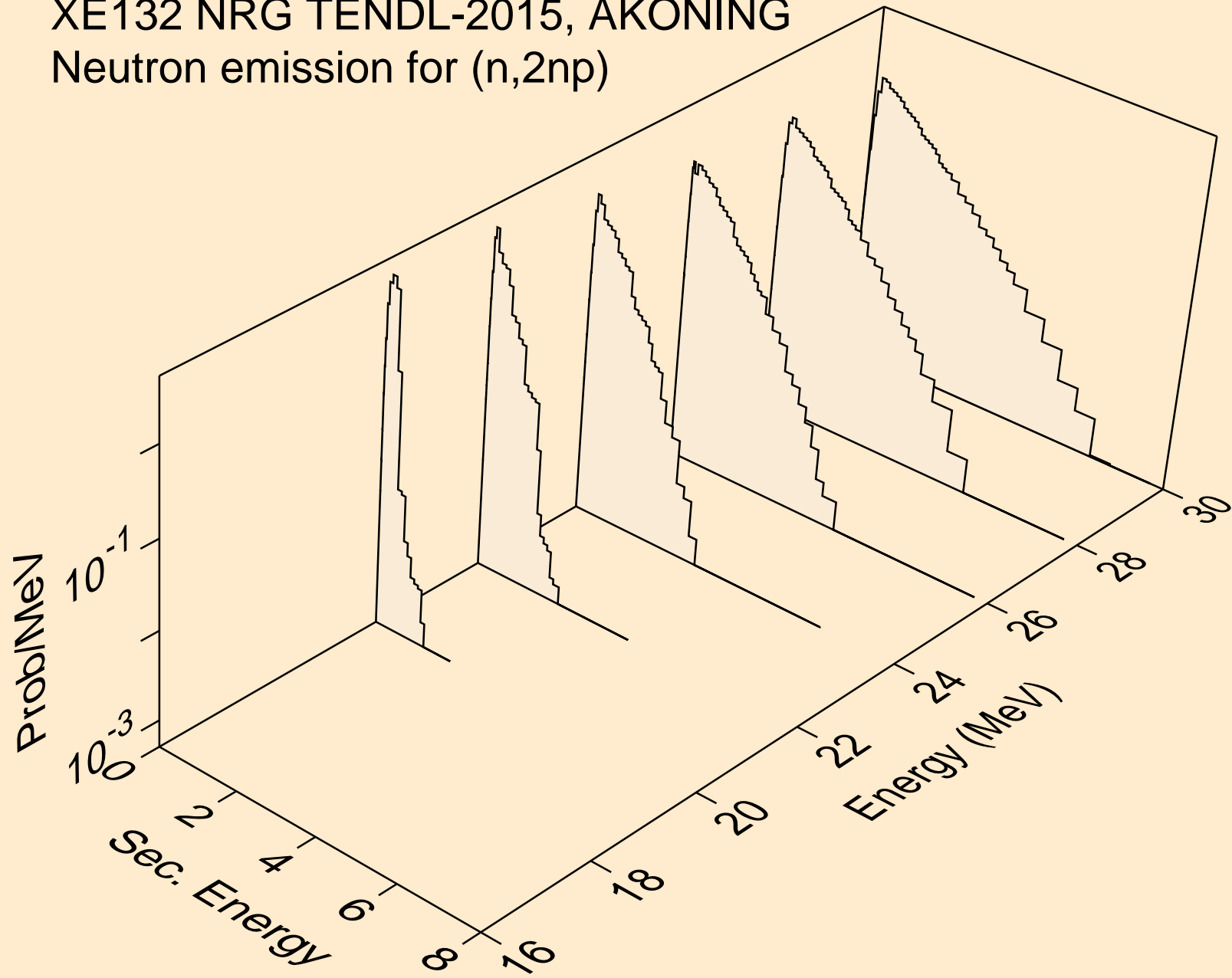
XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



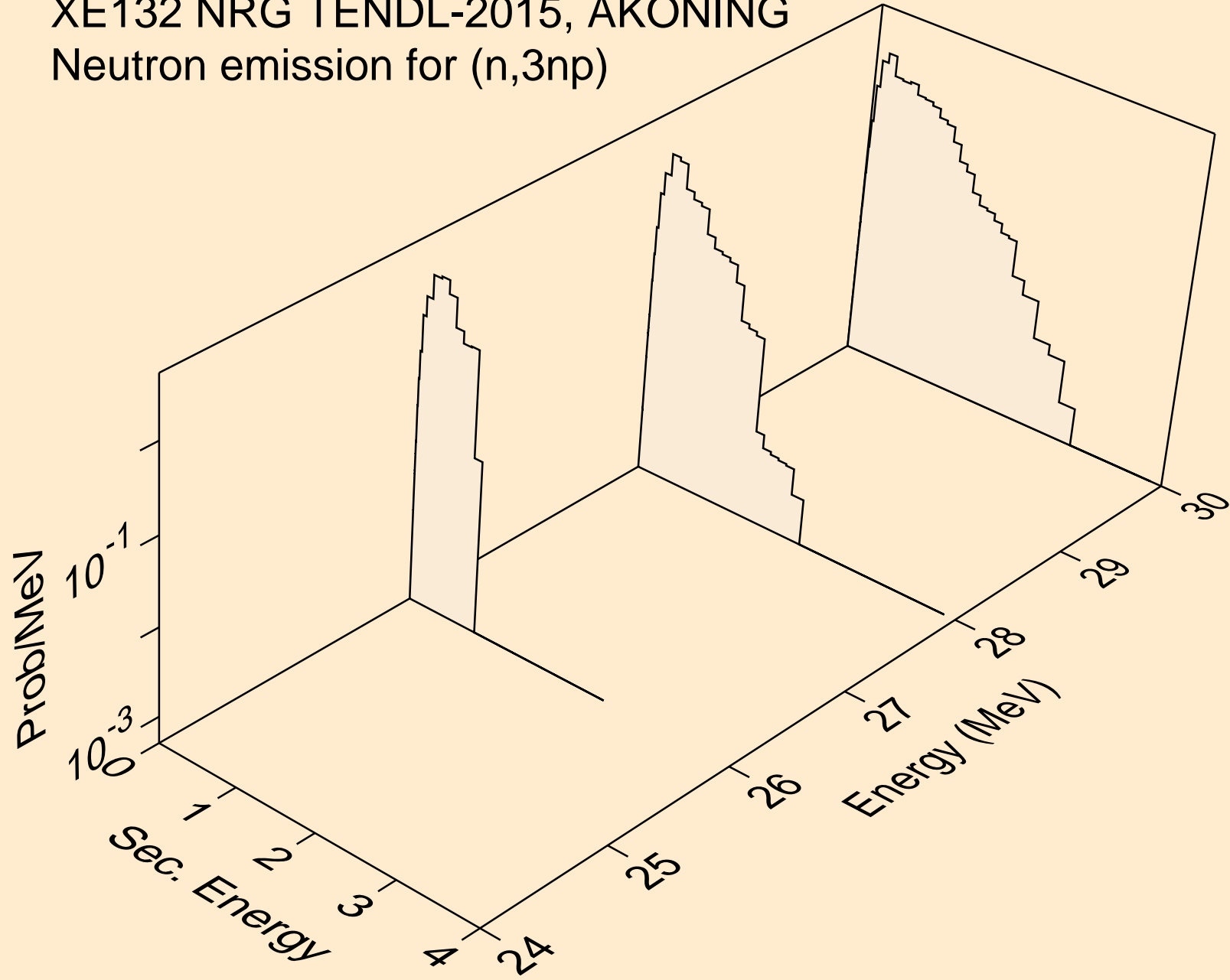
XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



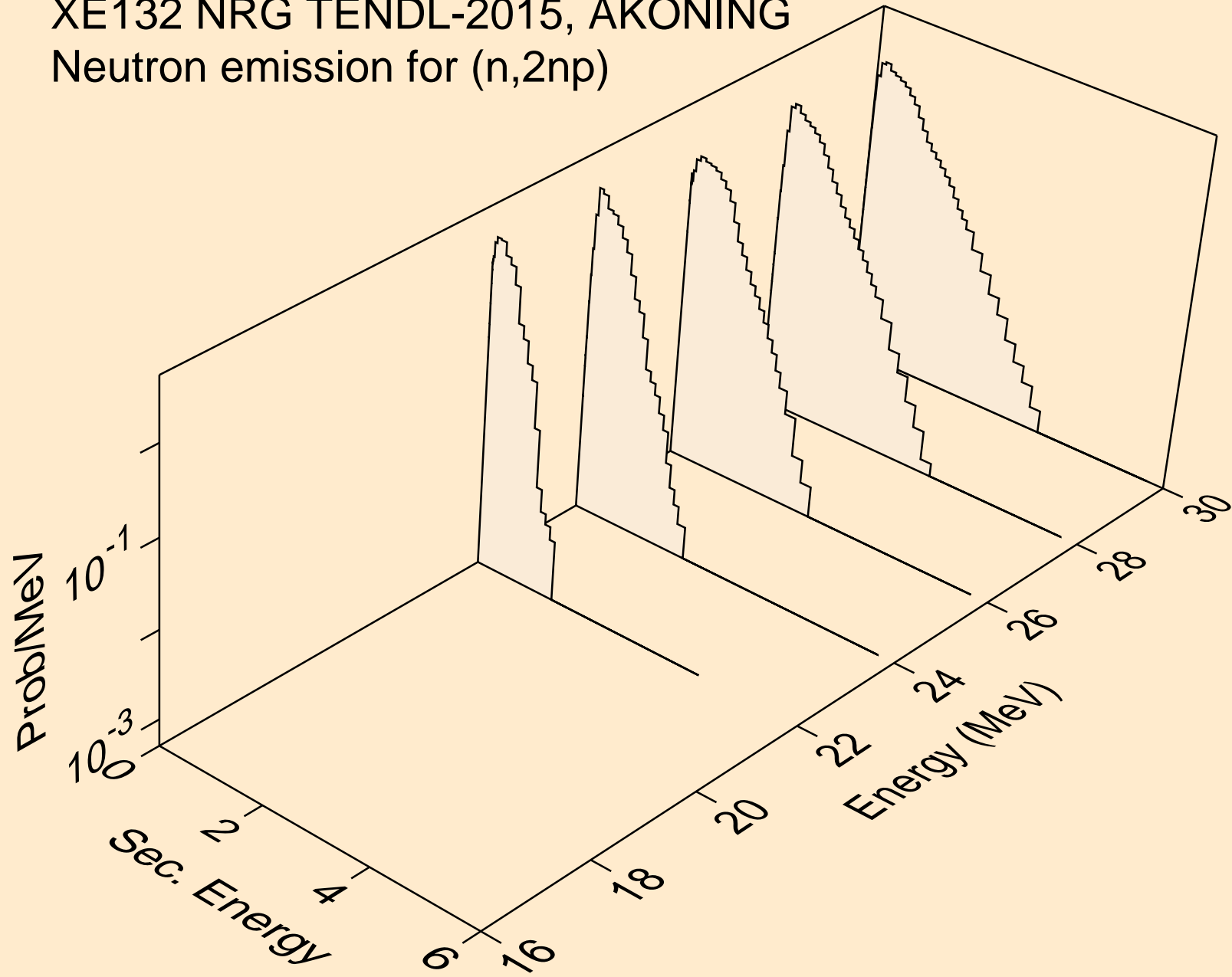
XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



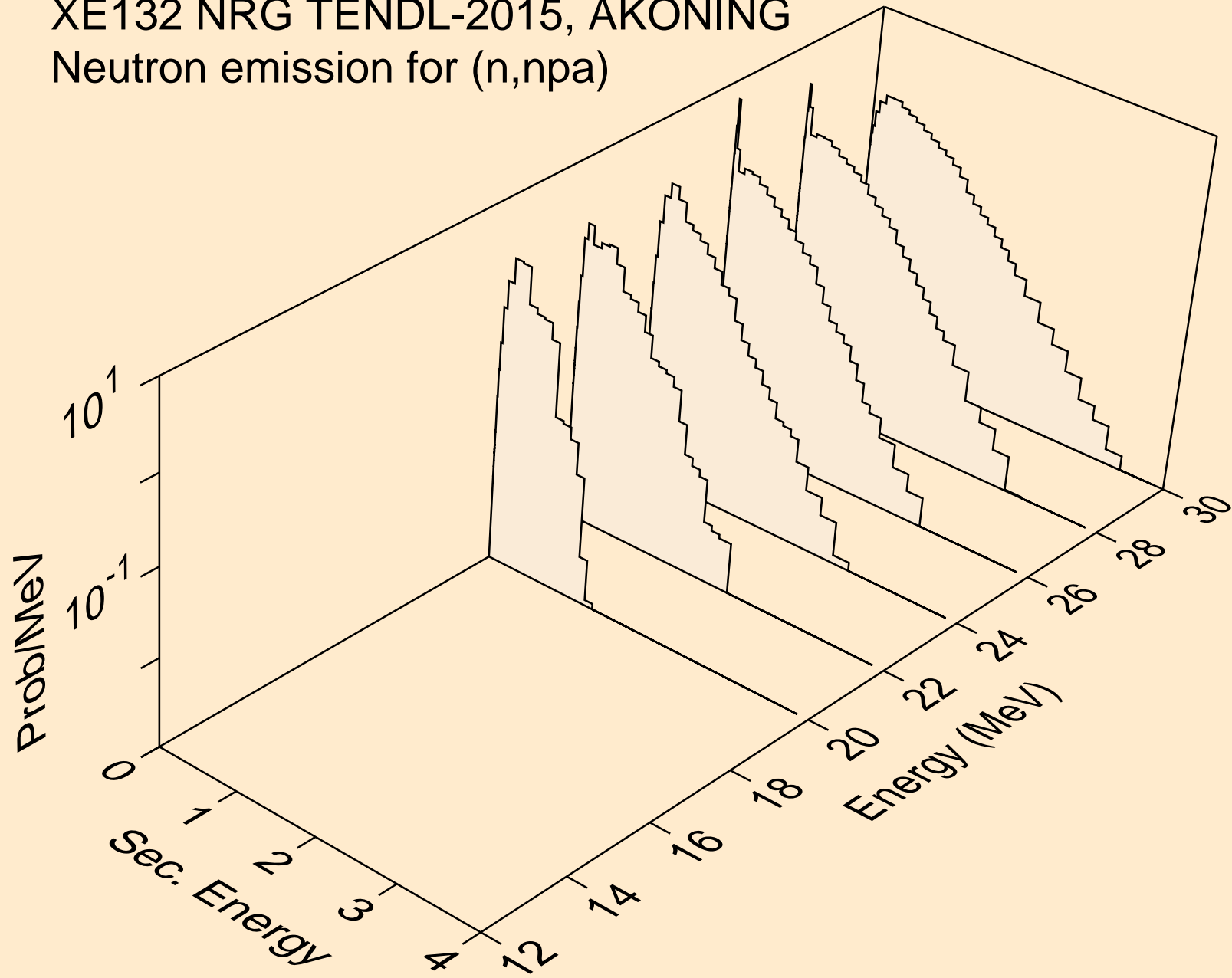
XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



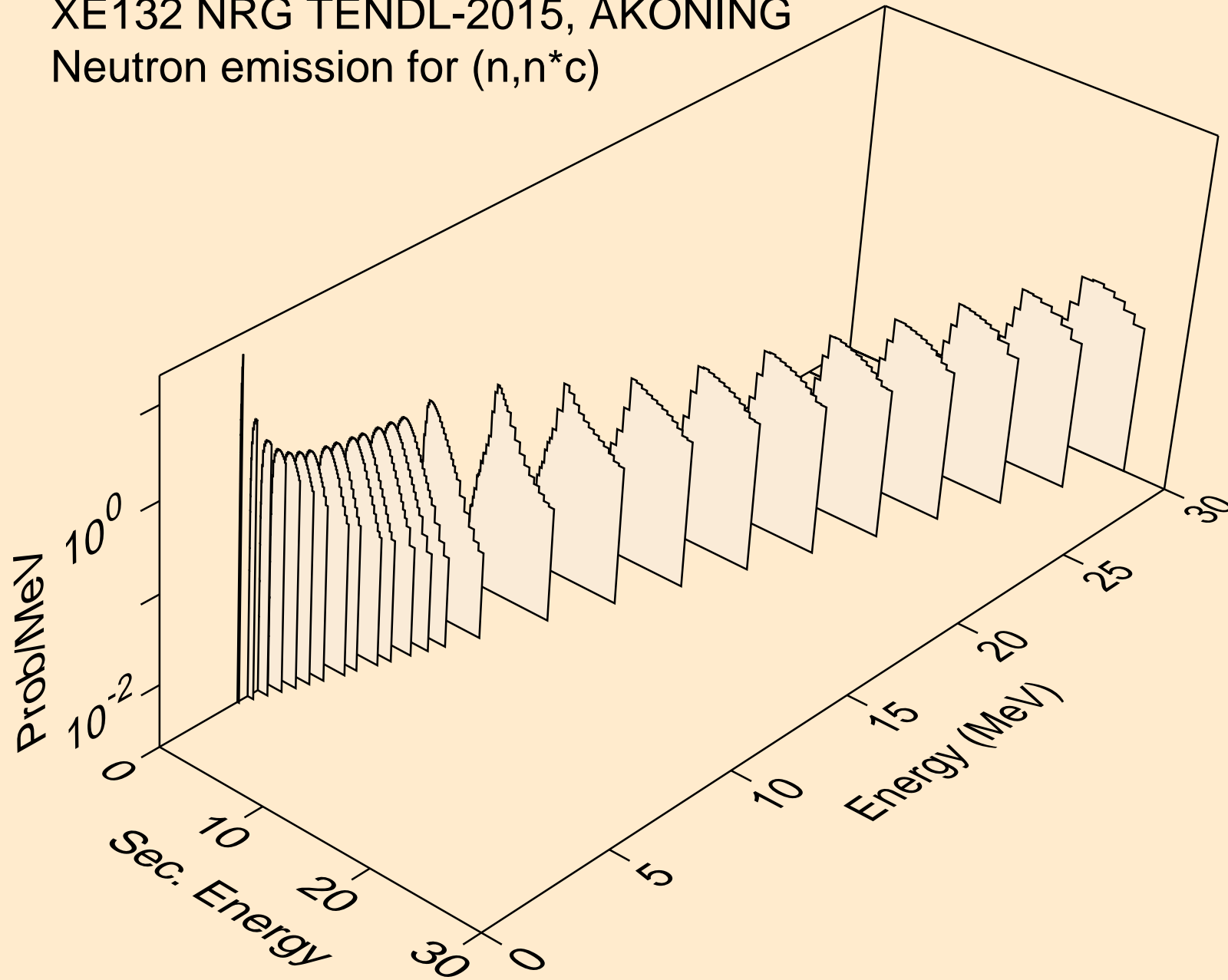
XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

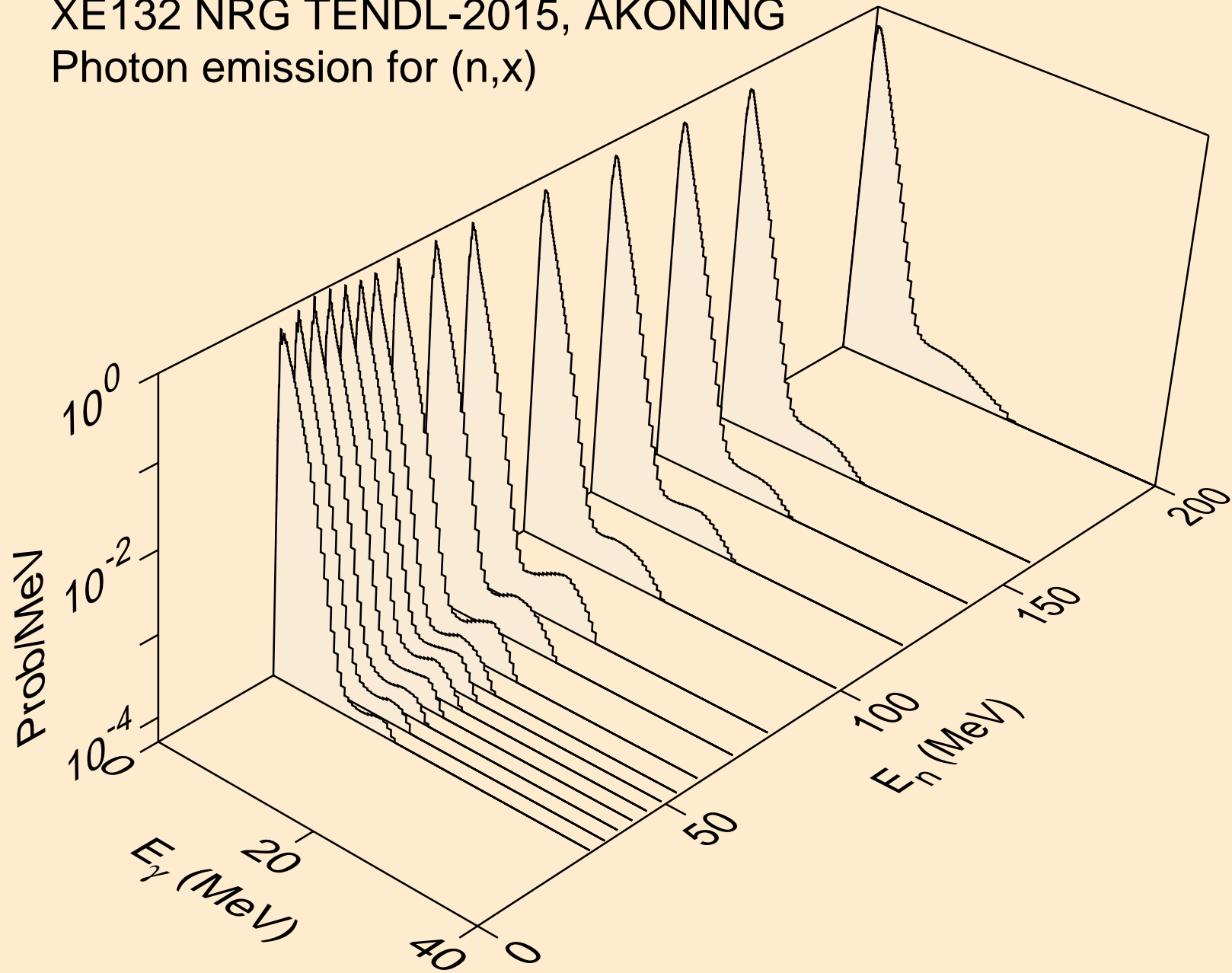


XE132 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

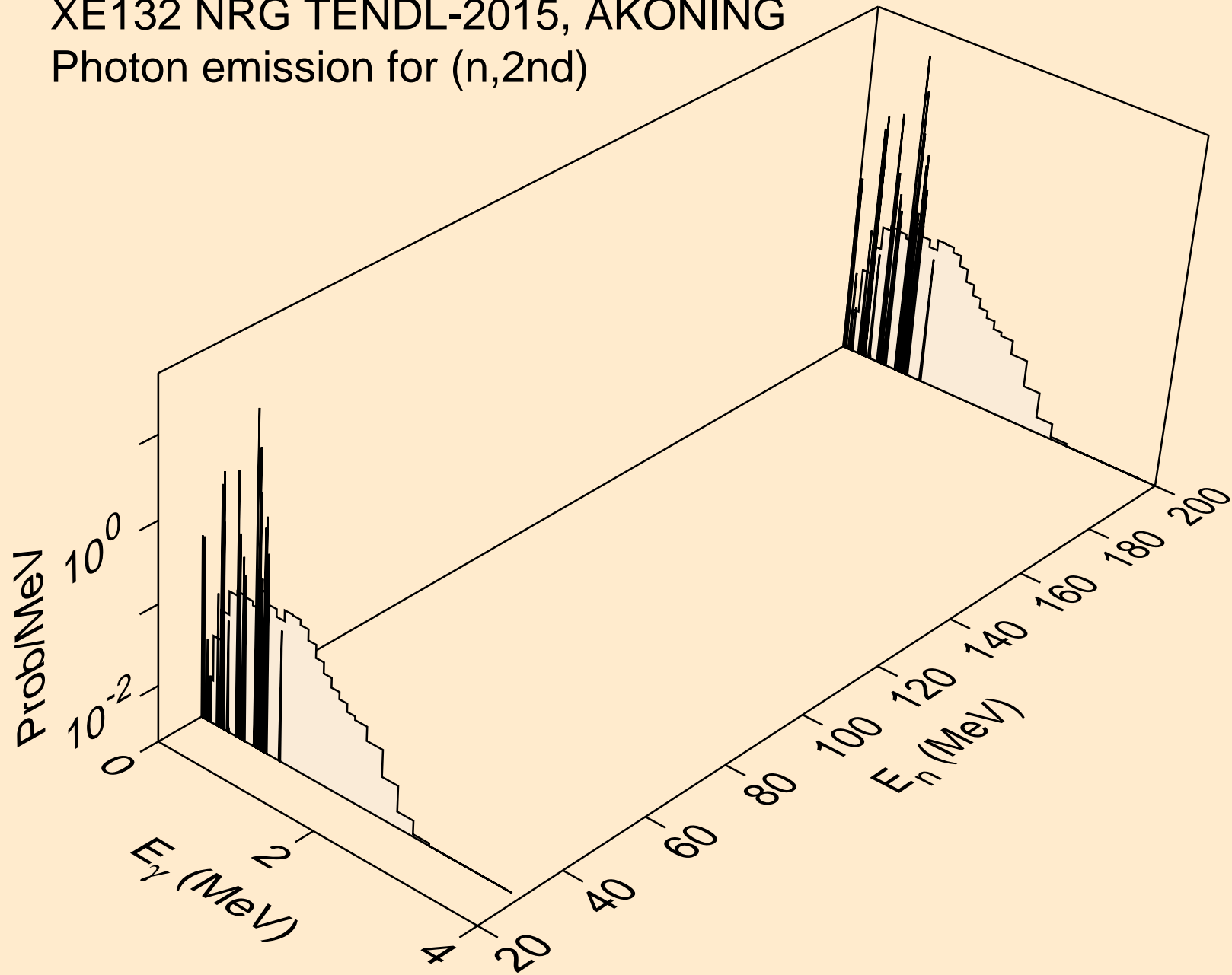




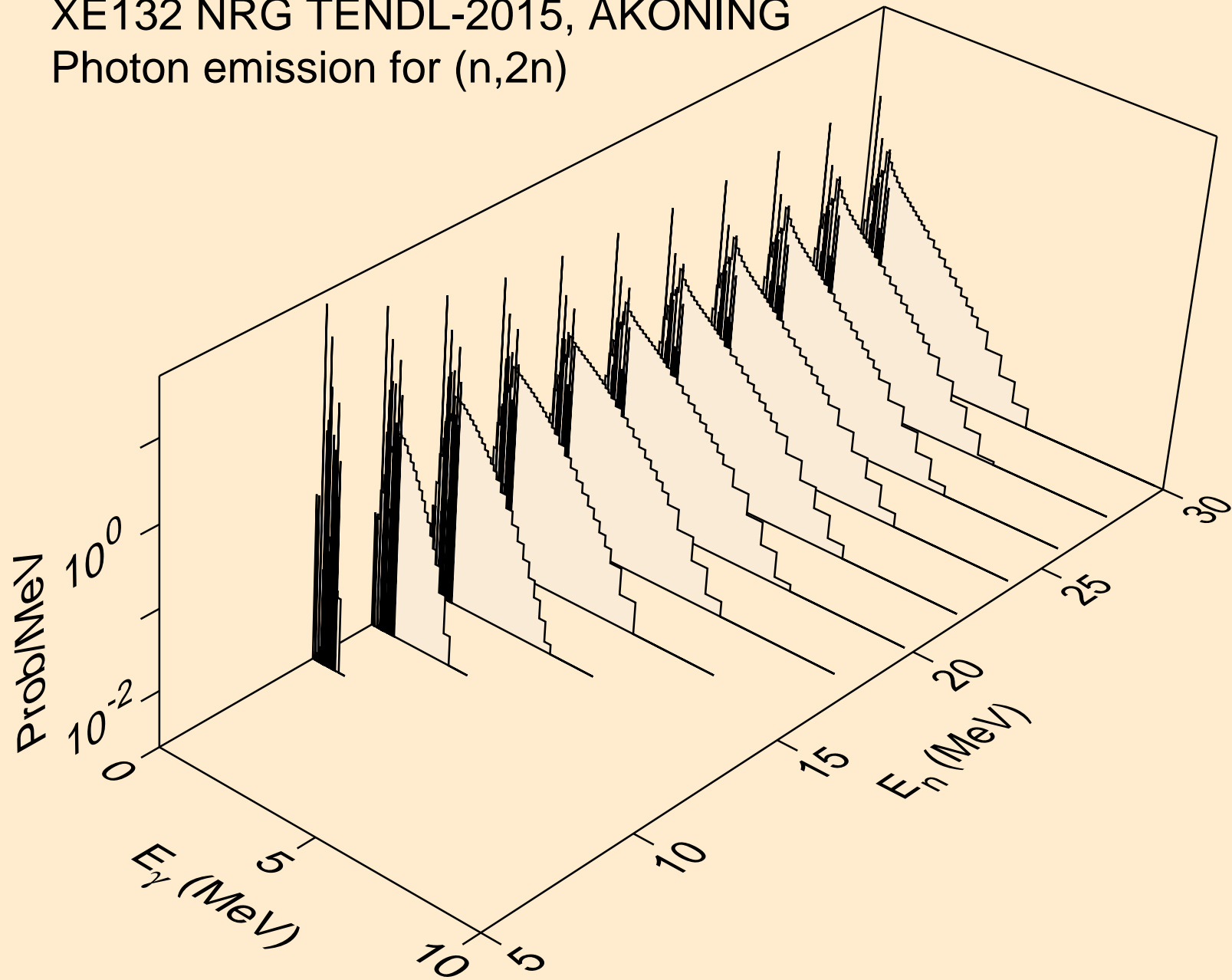
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



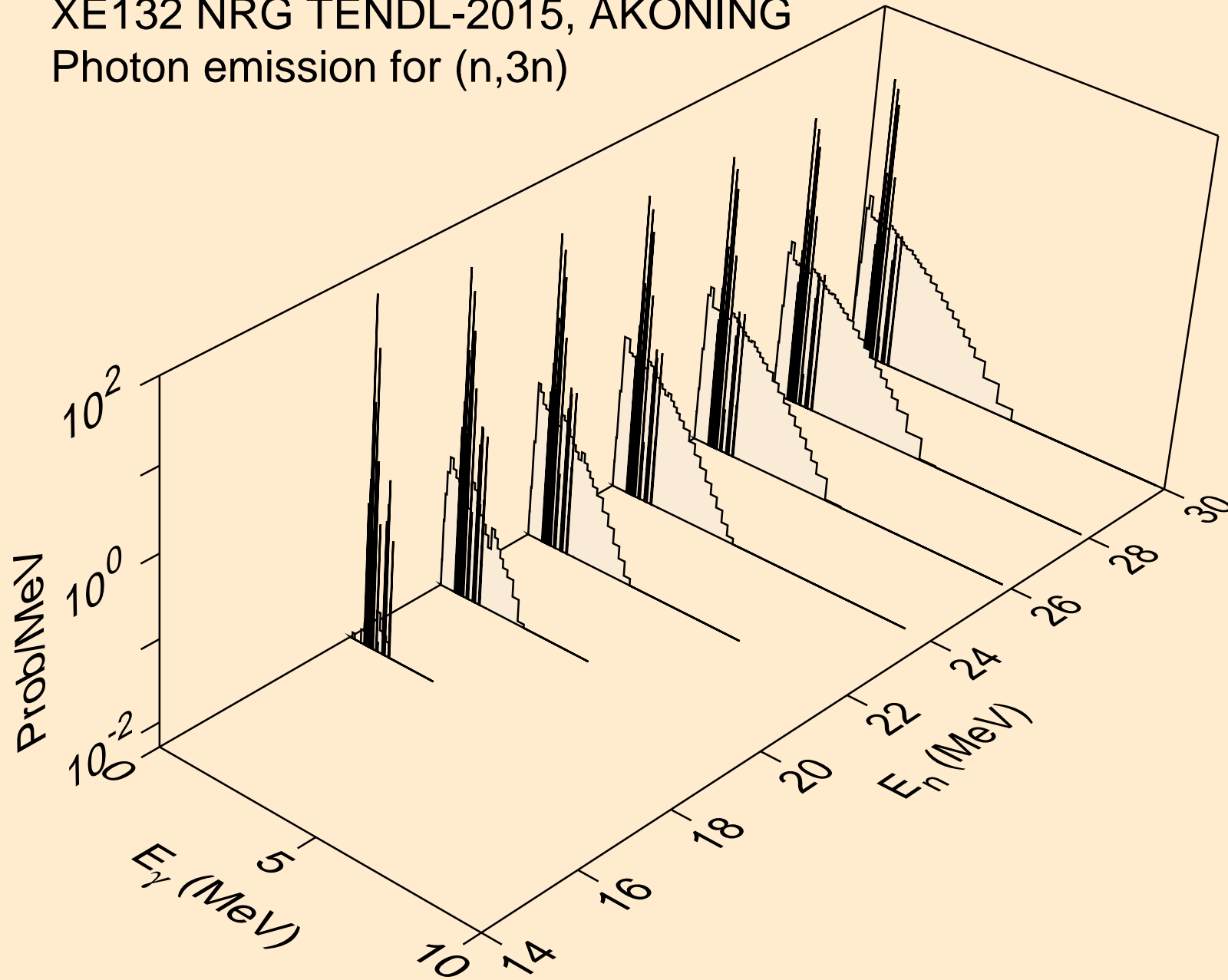
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



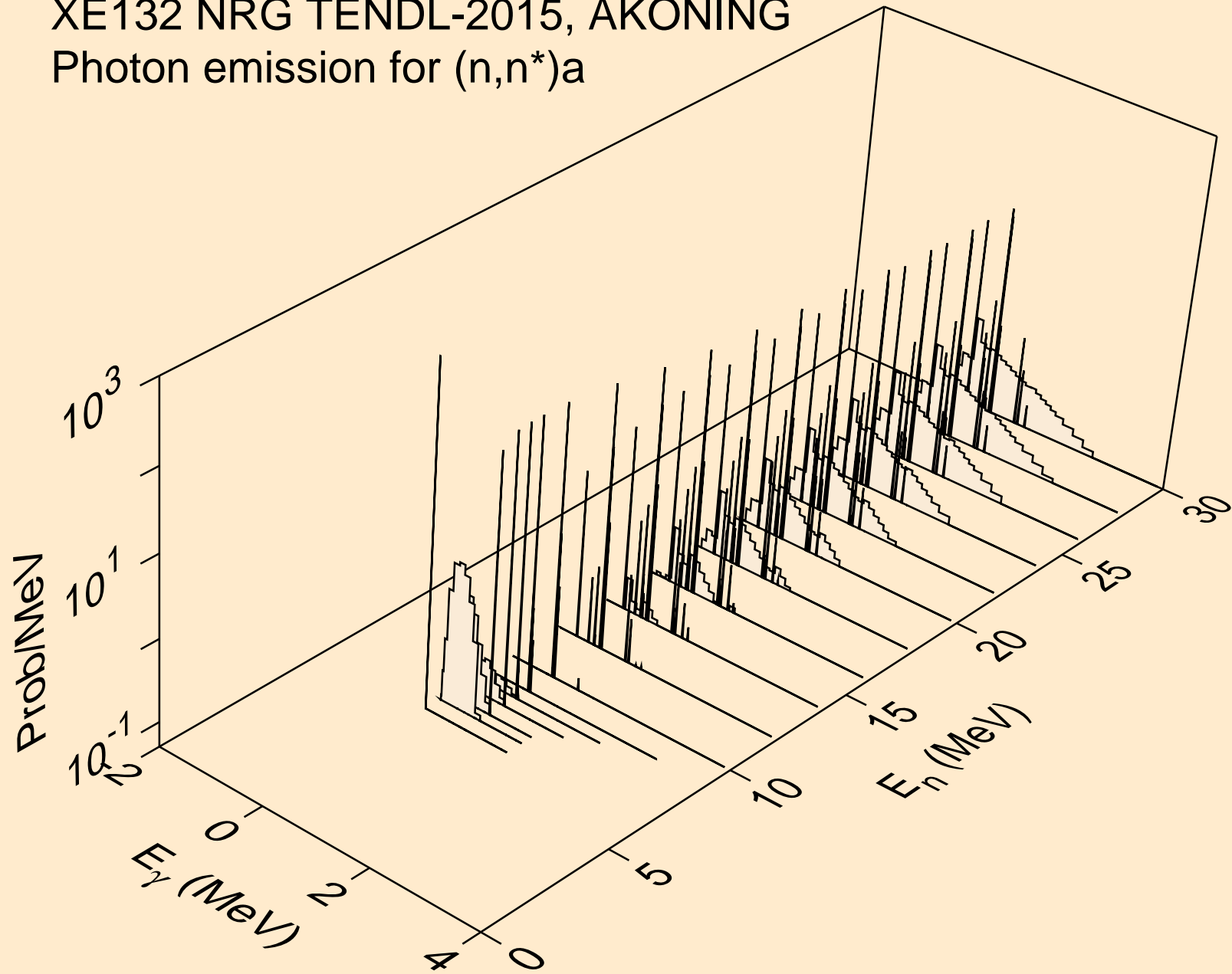
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



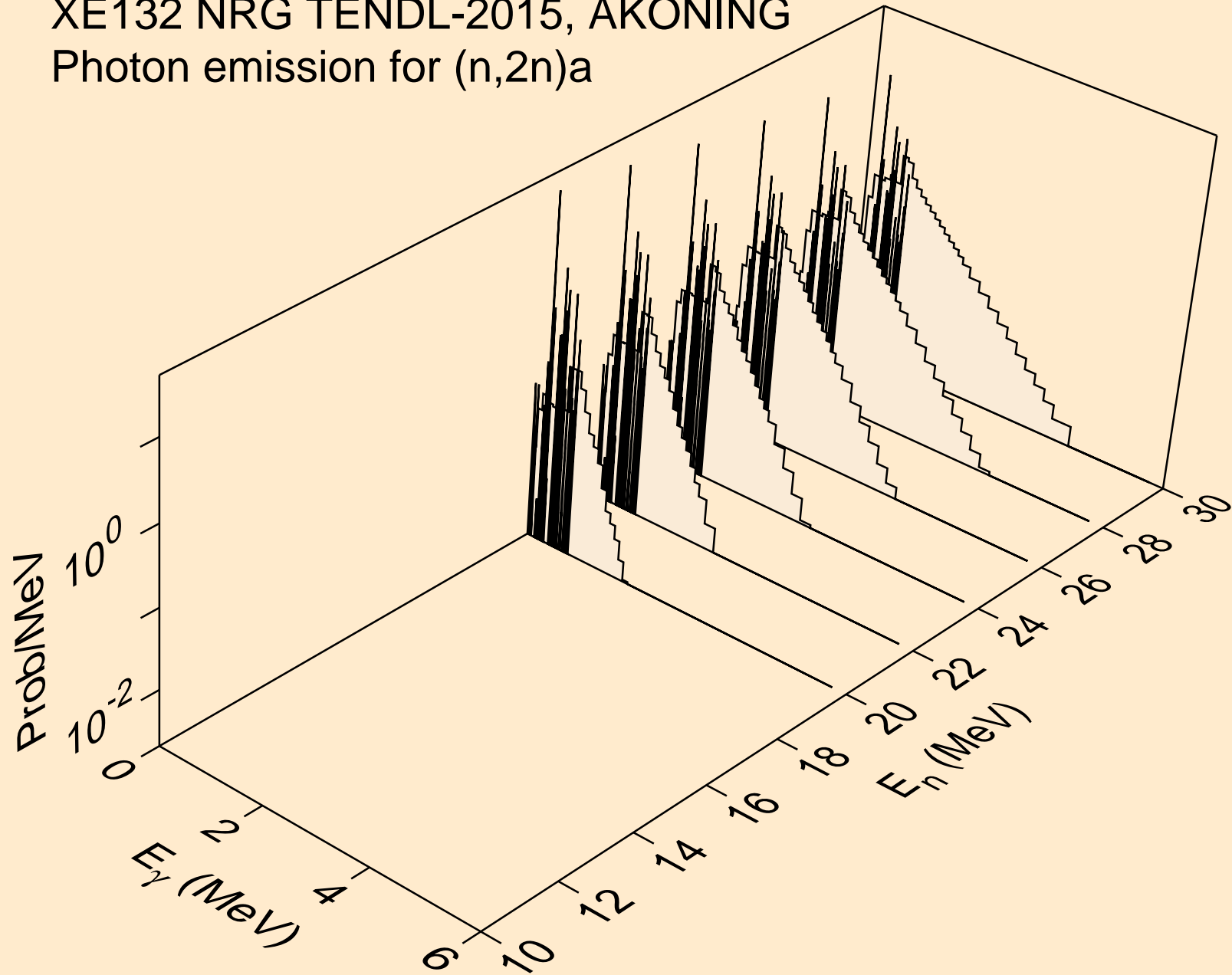
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



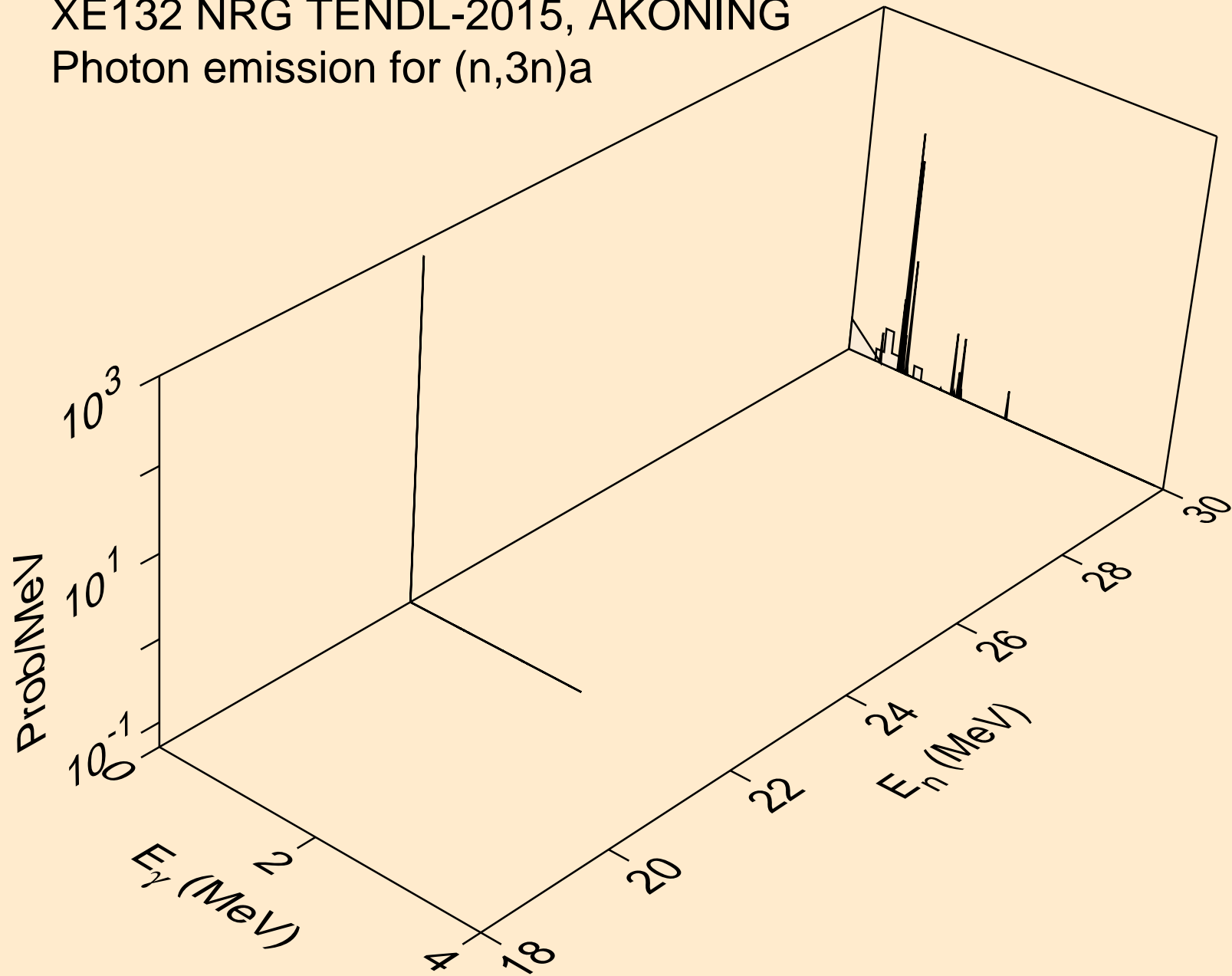
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



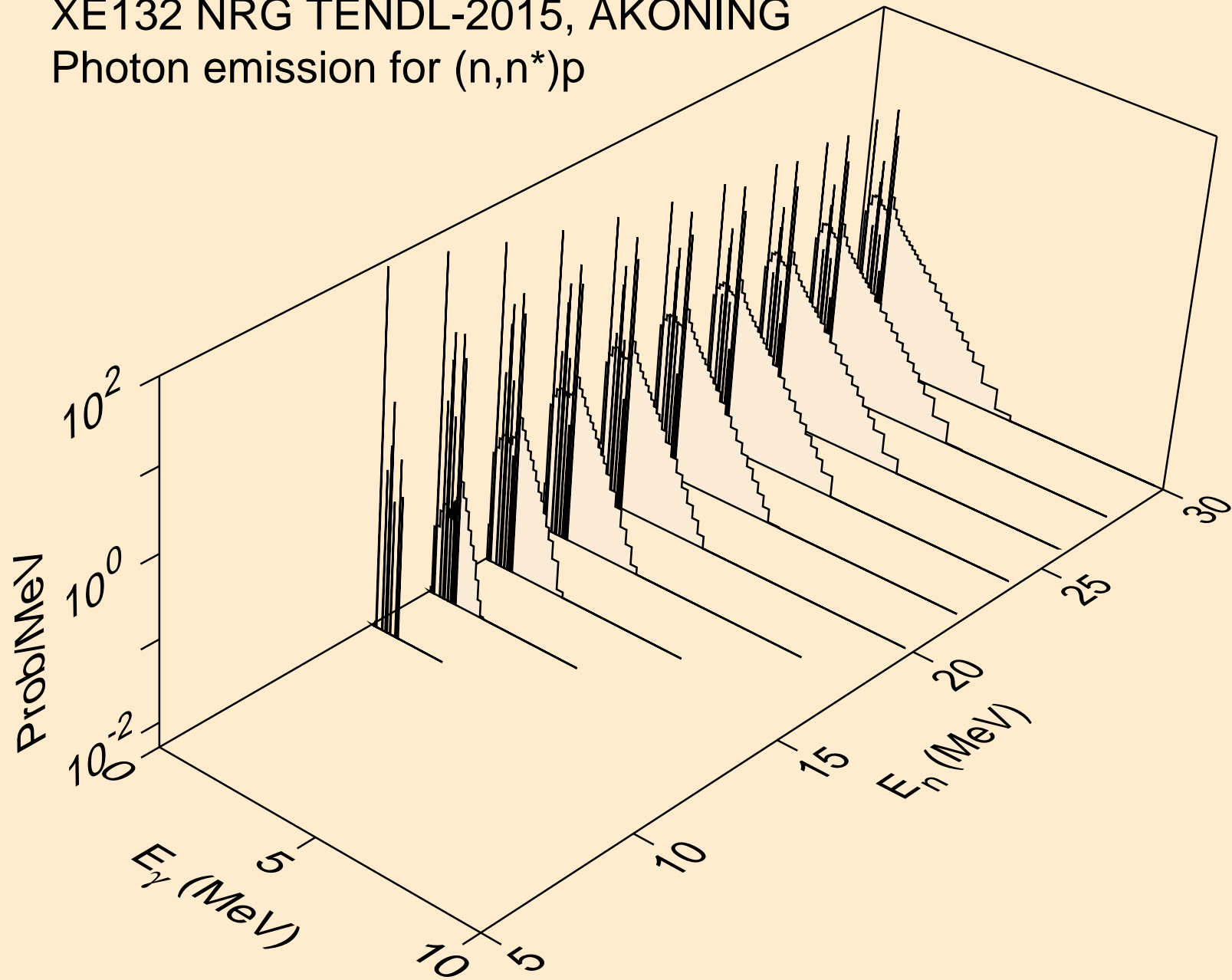
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

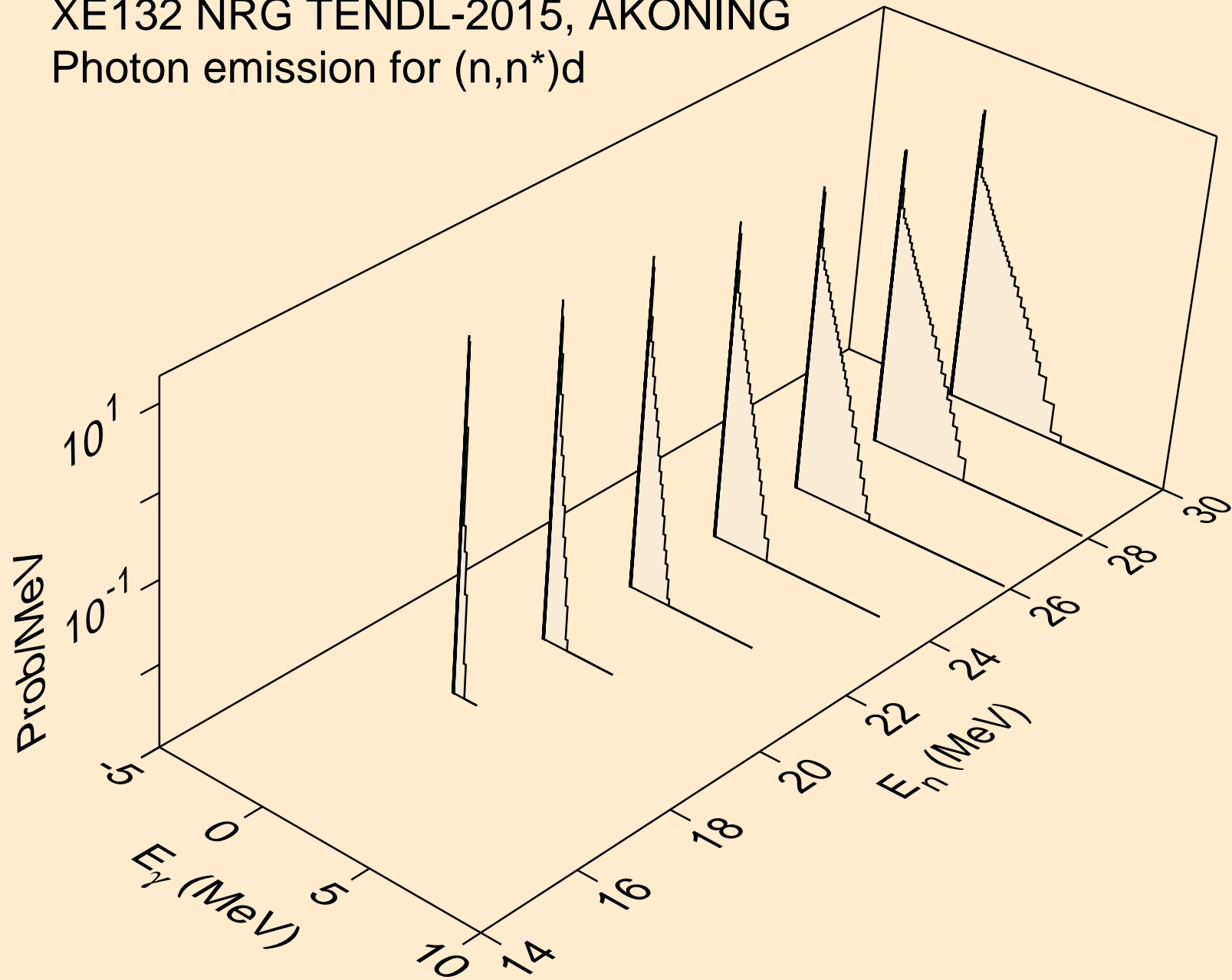


XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

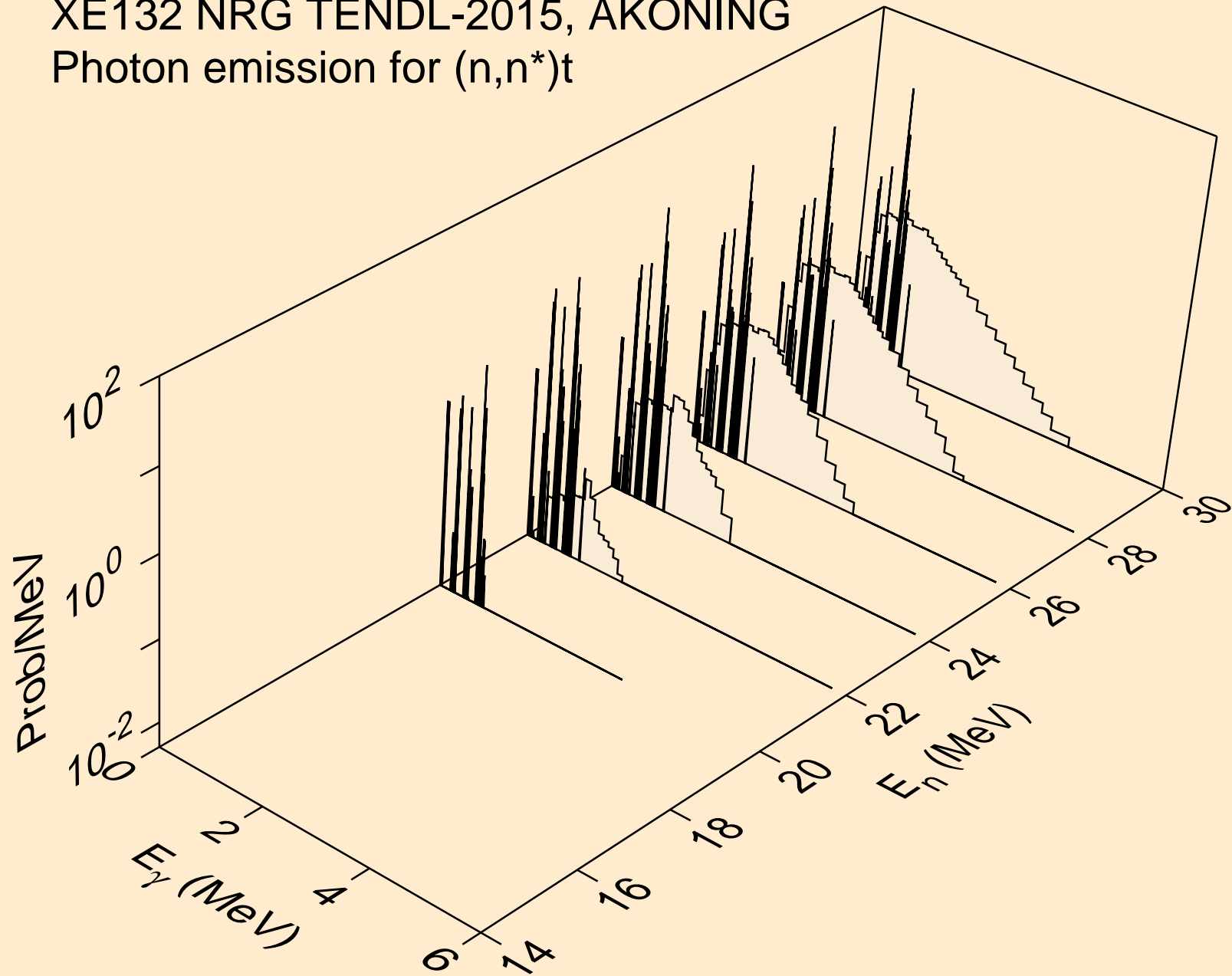




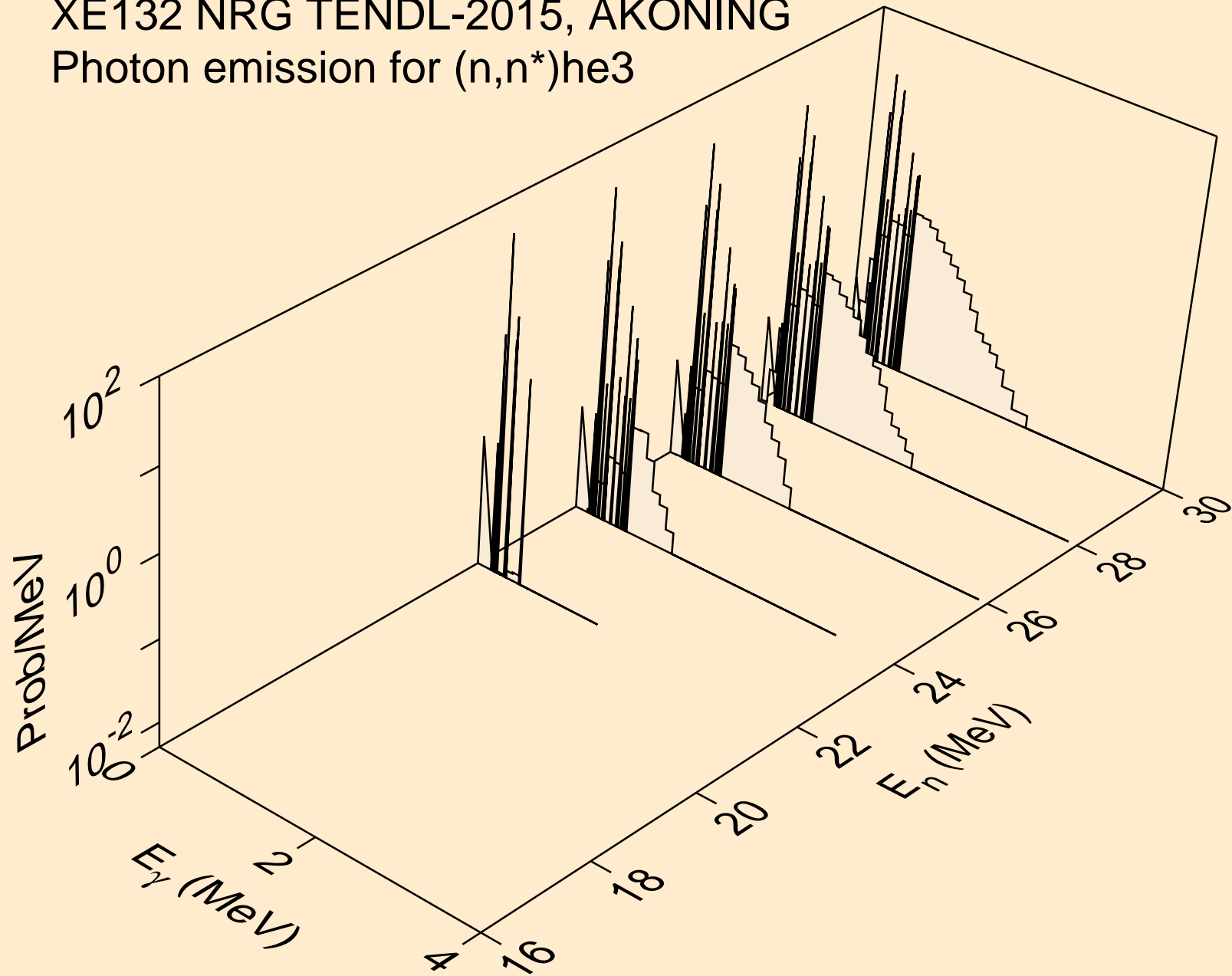
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



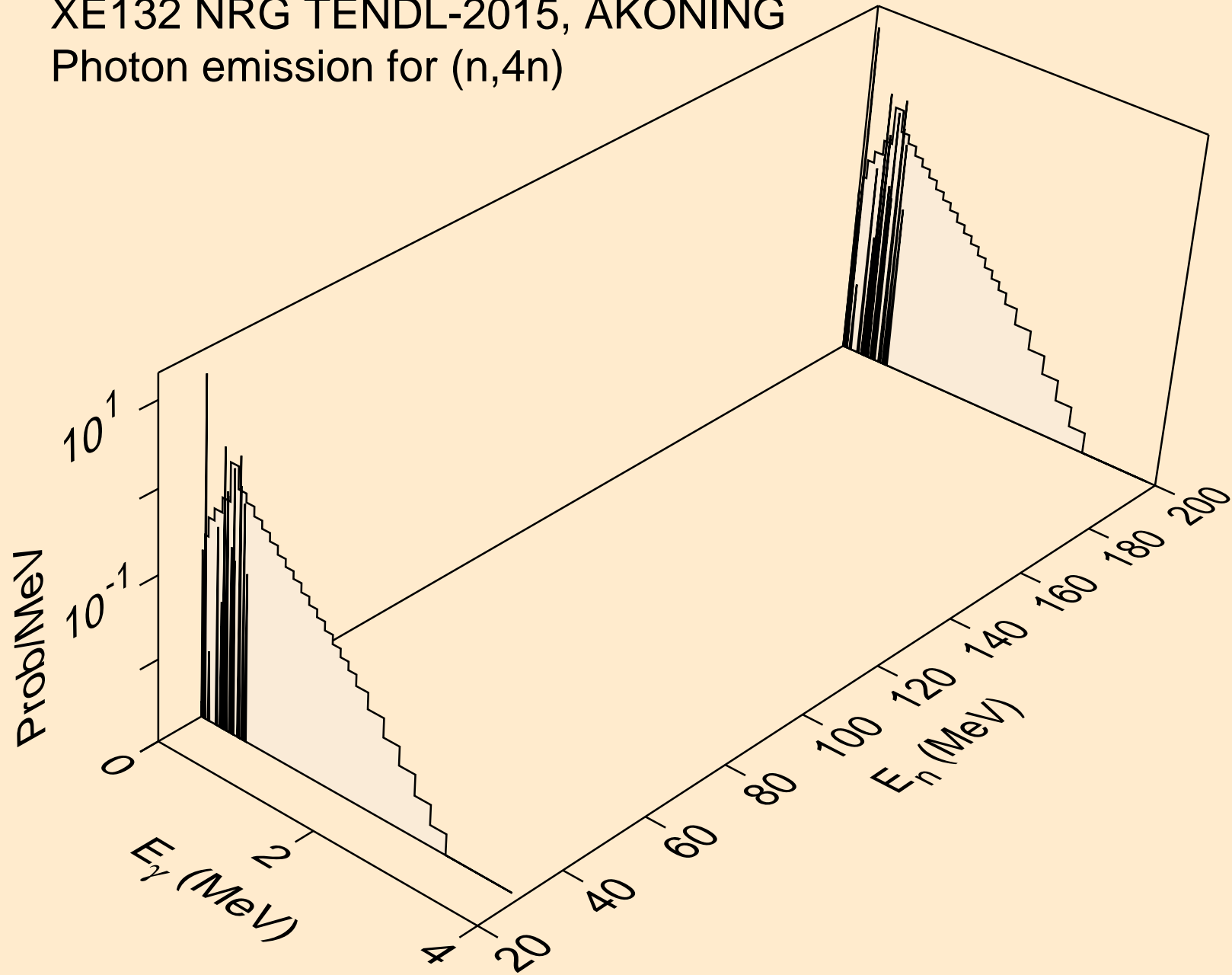
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



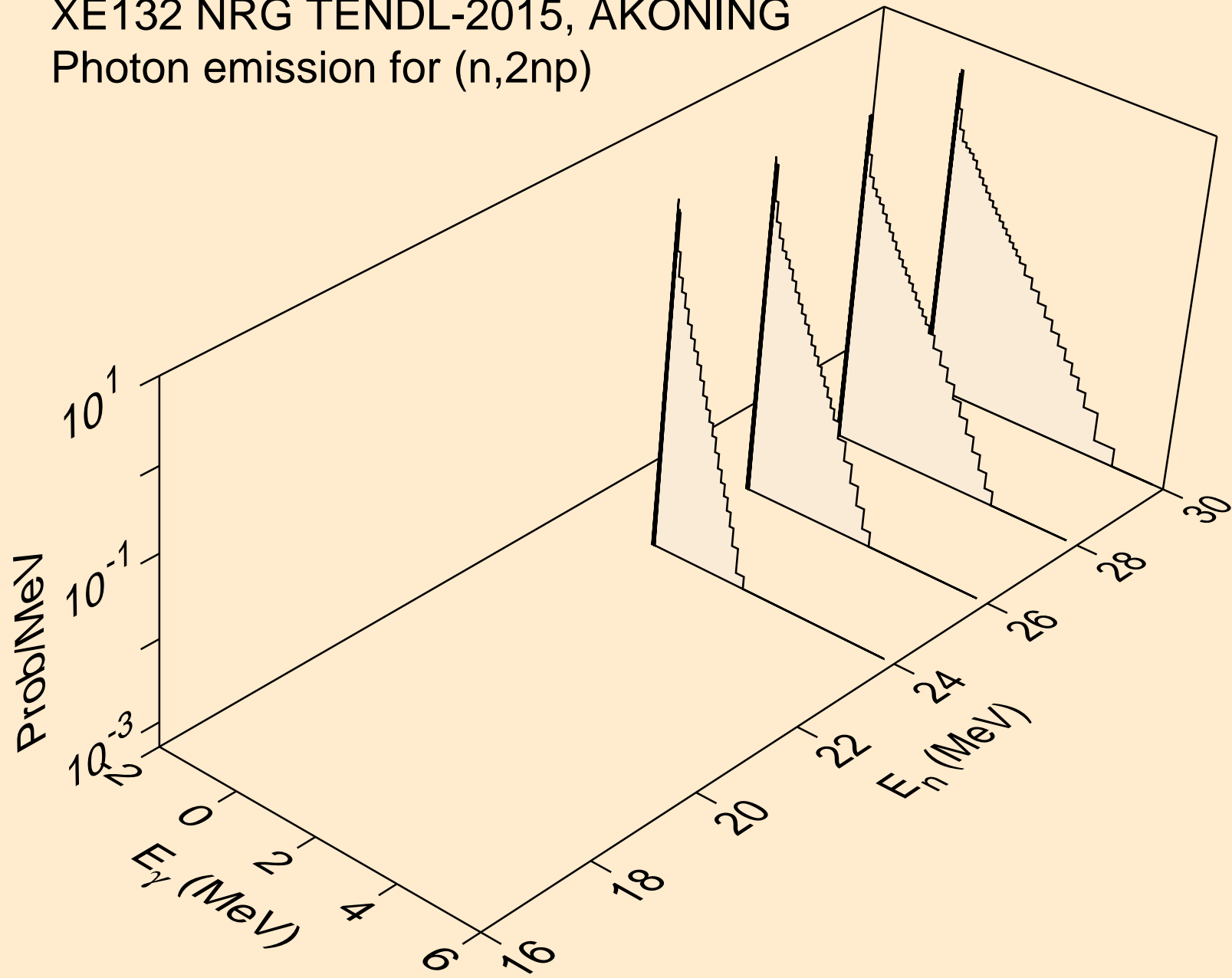
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



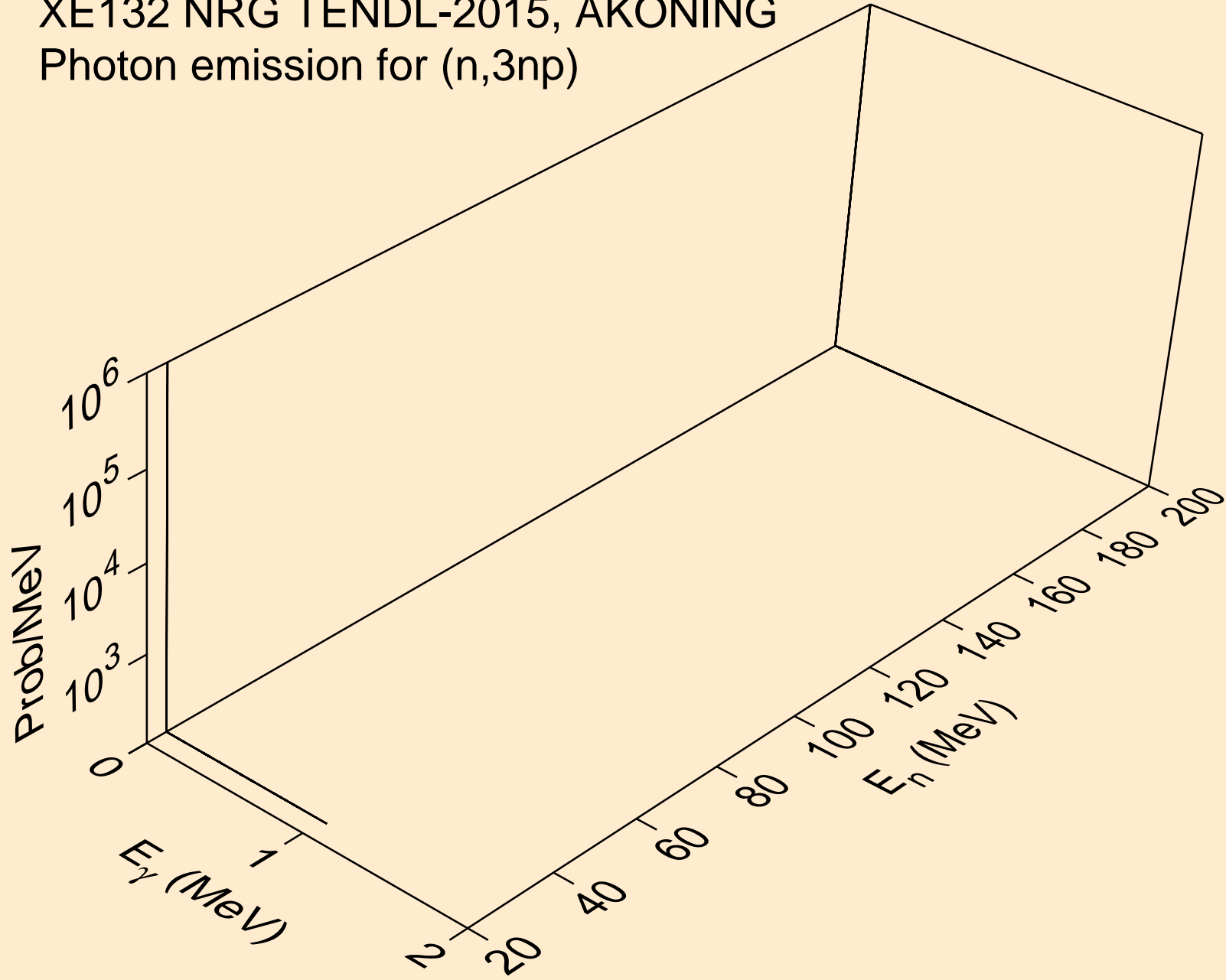
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



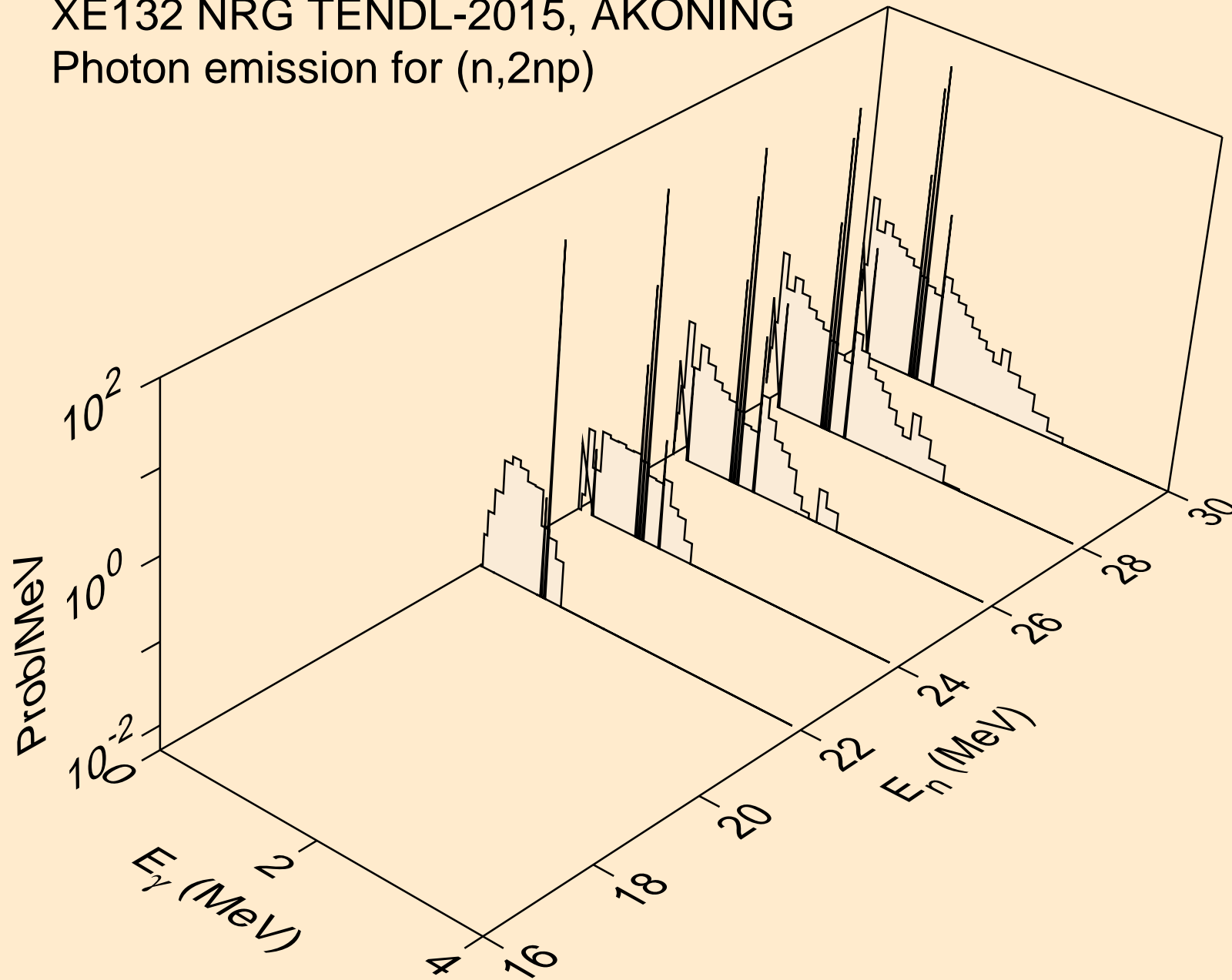
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



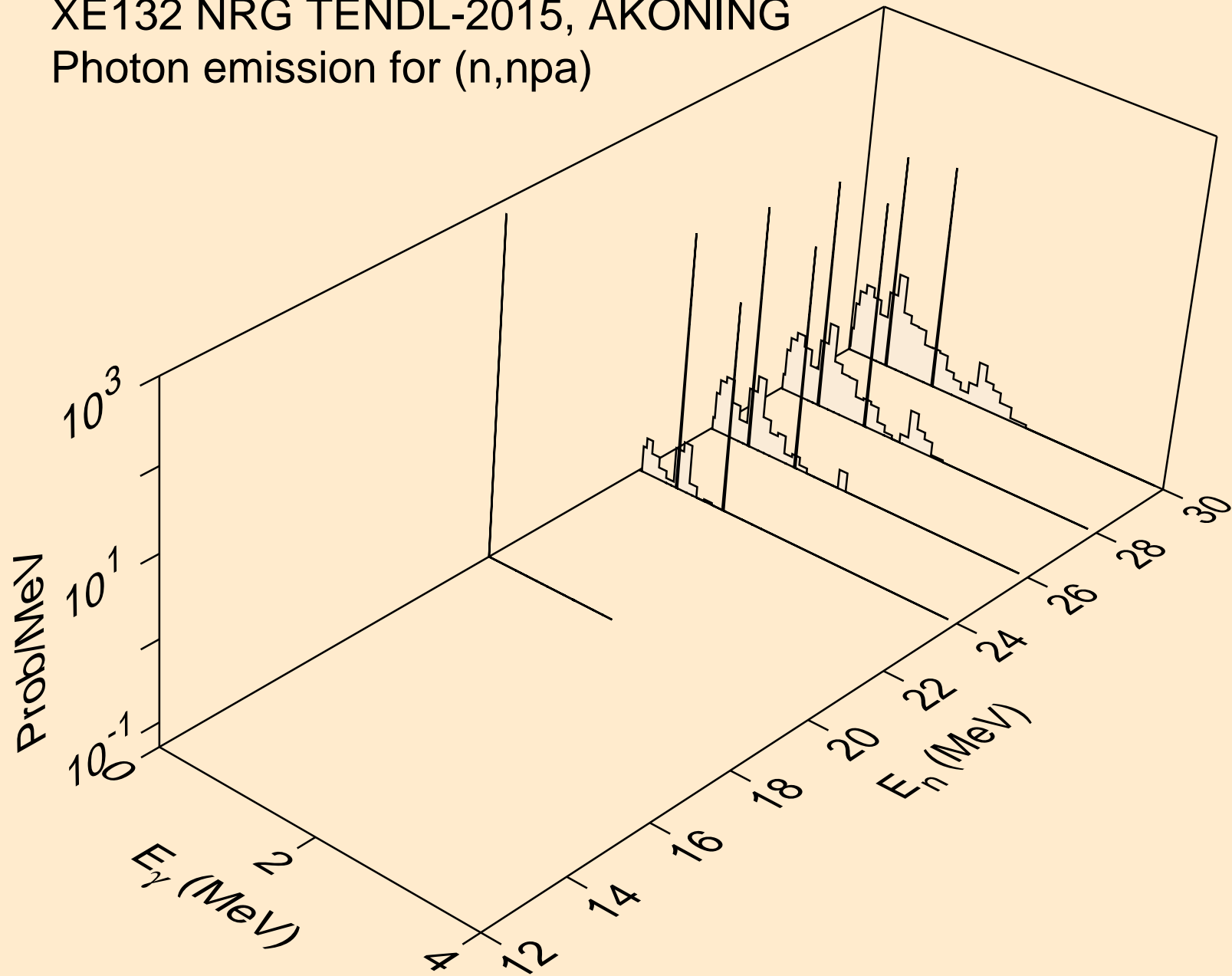
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

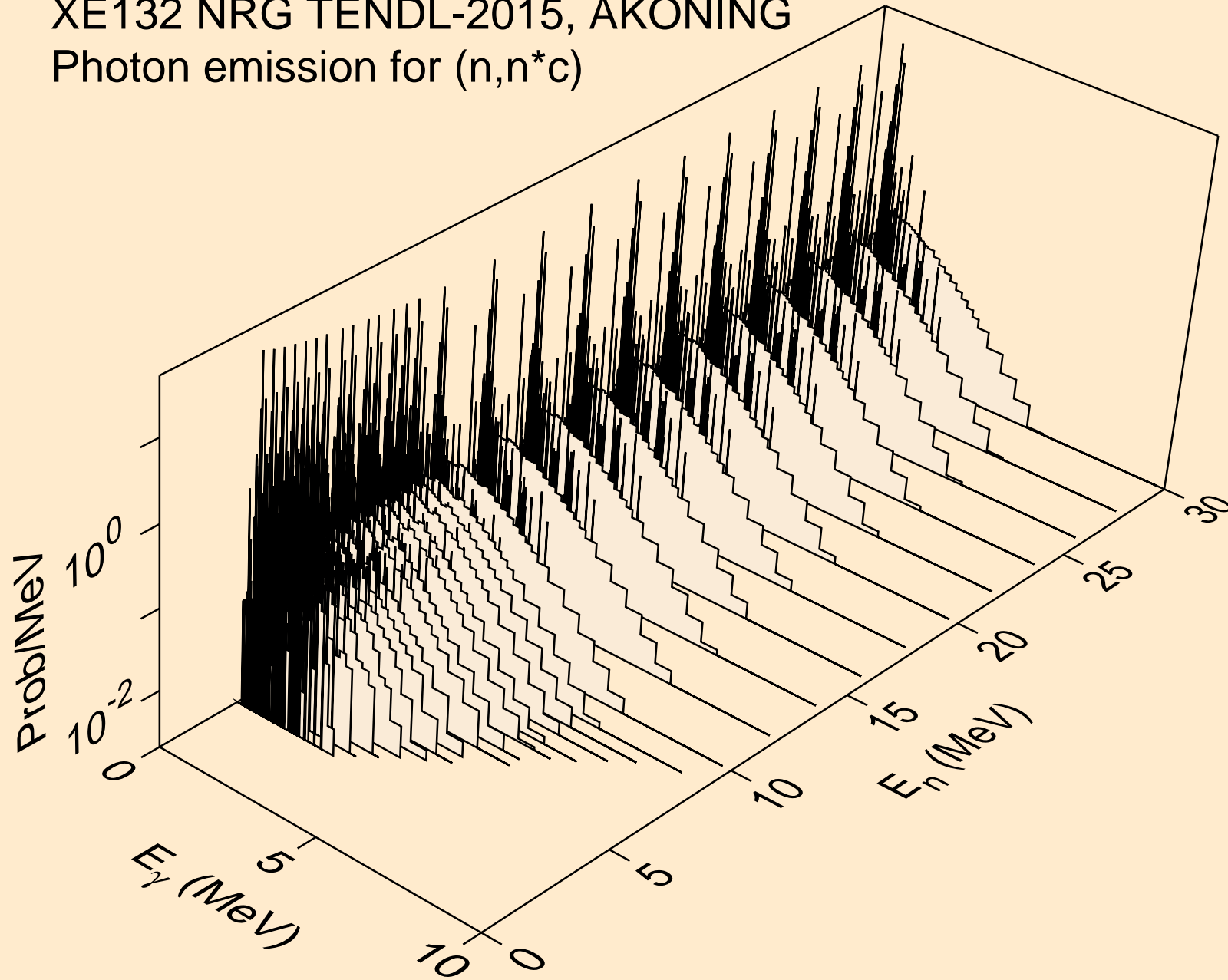


XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

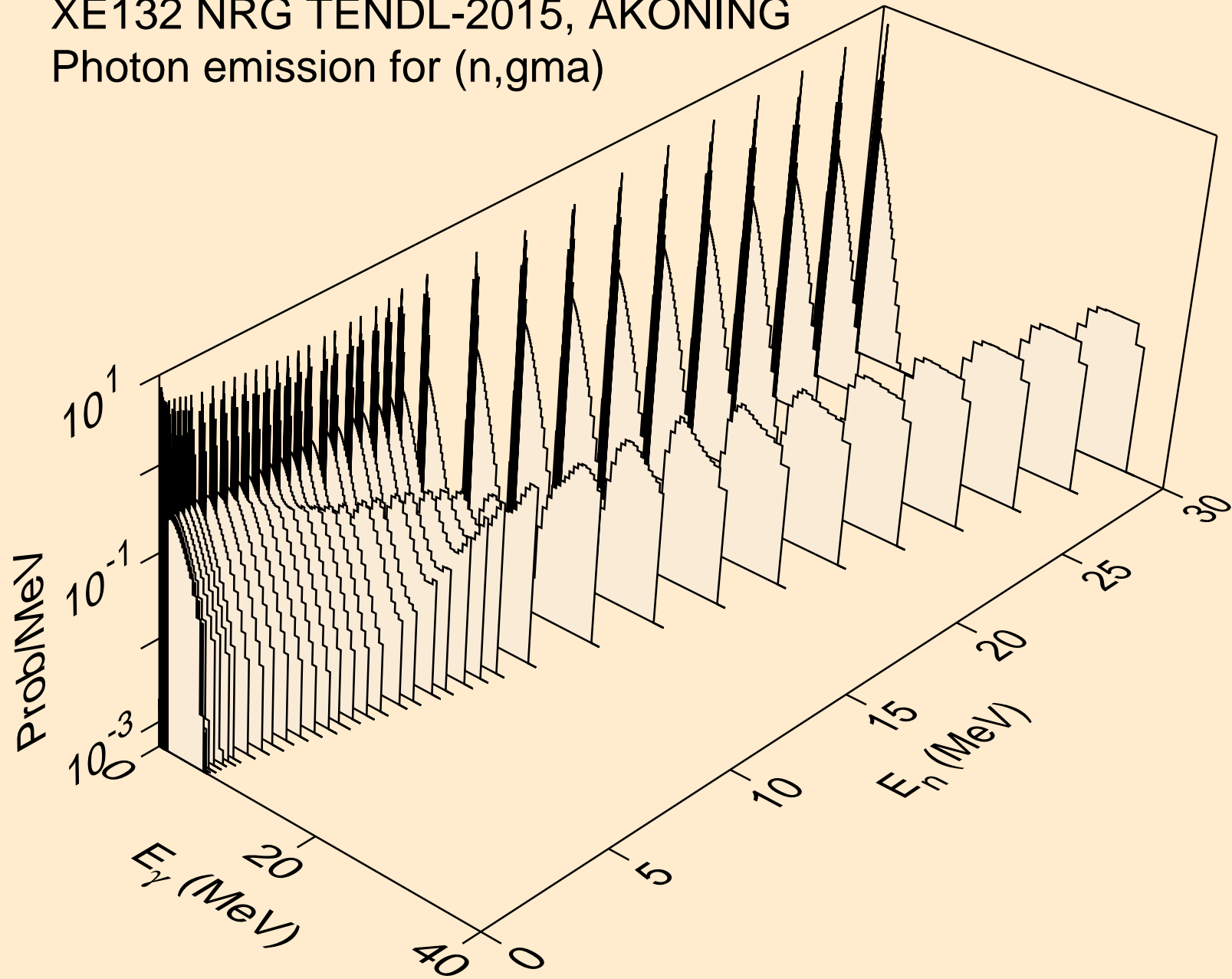




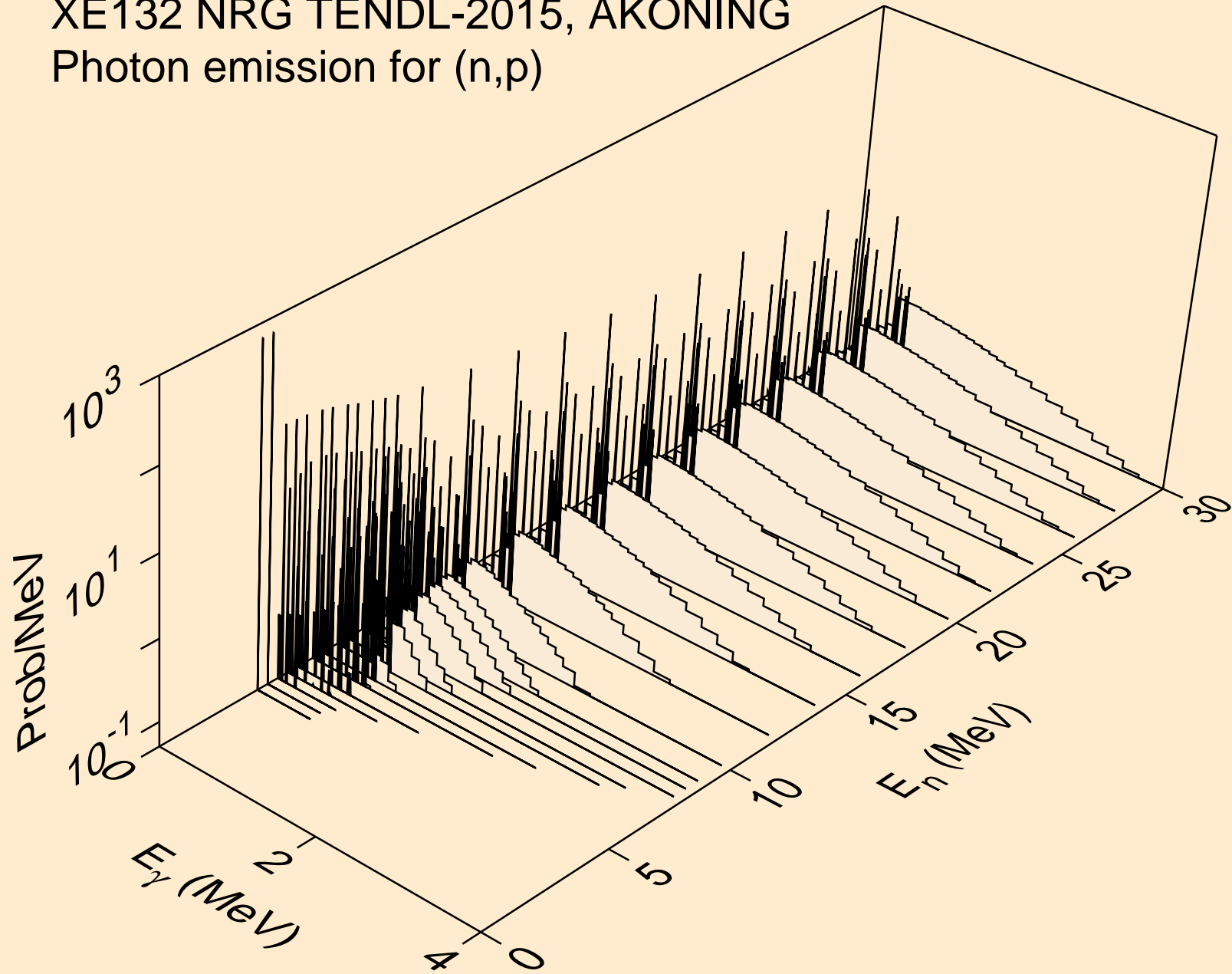
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



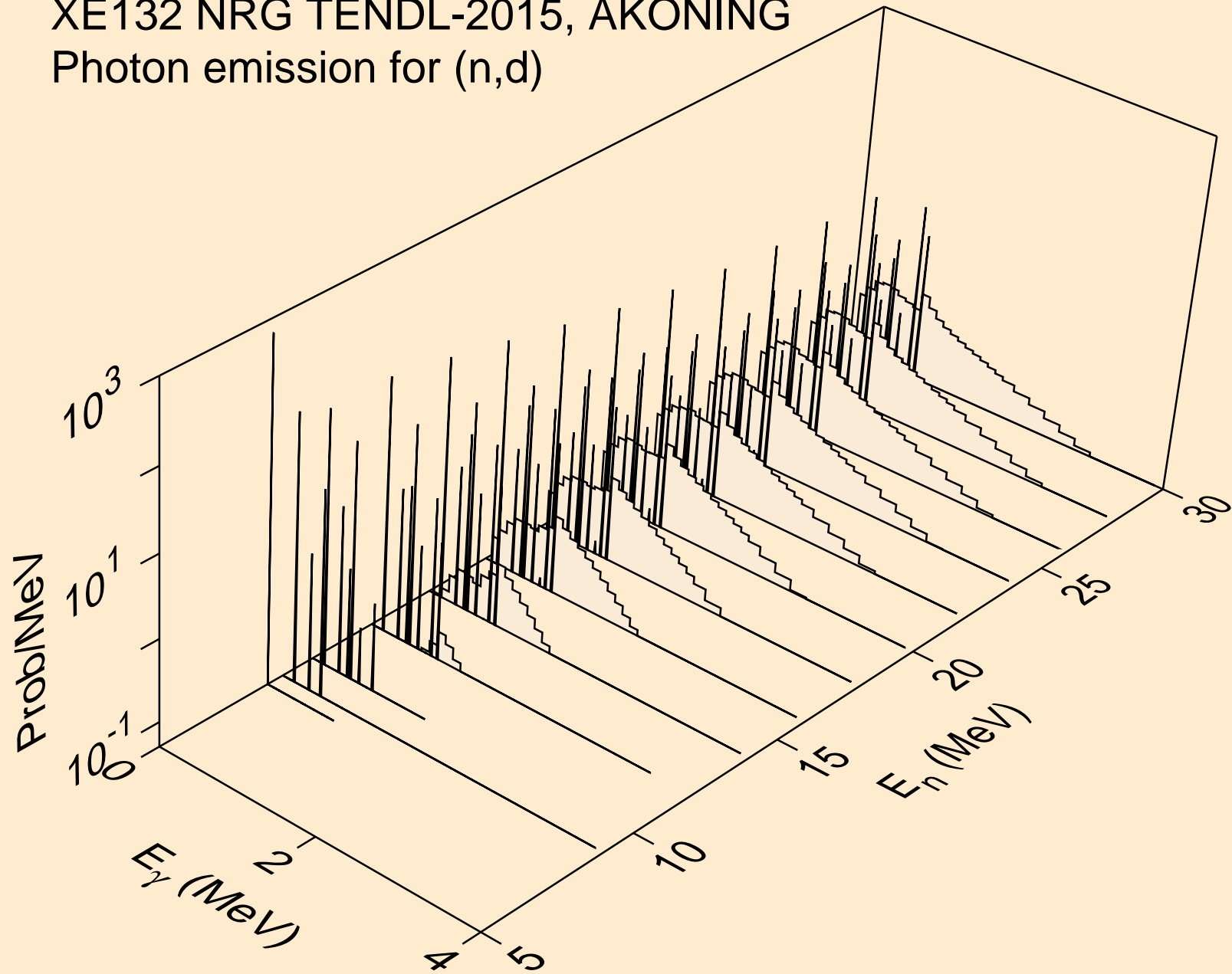
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



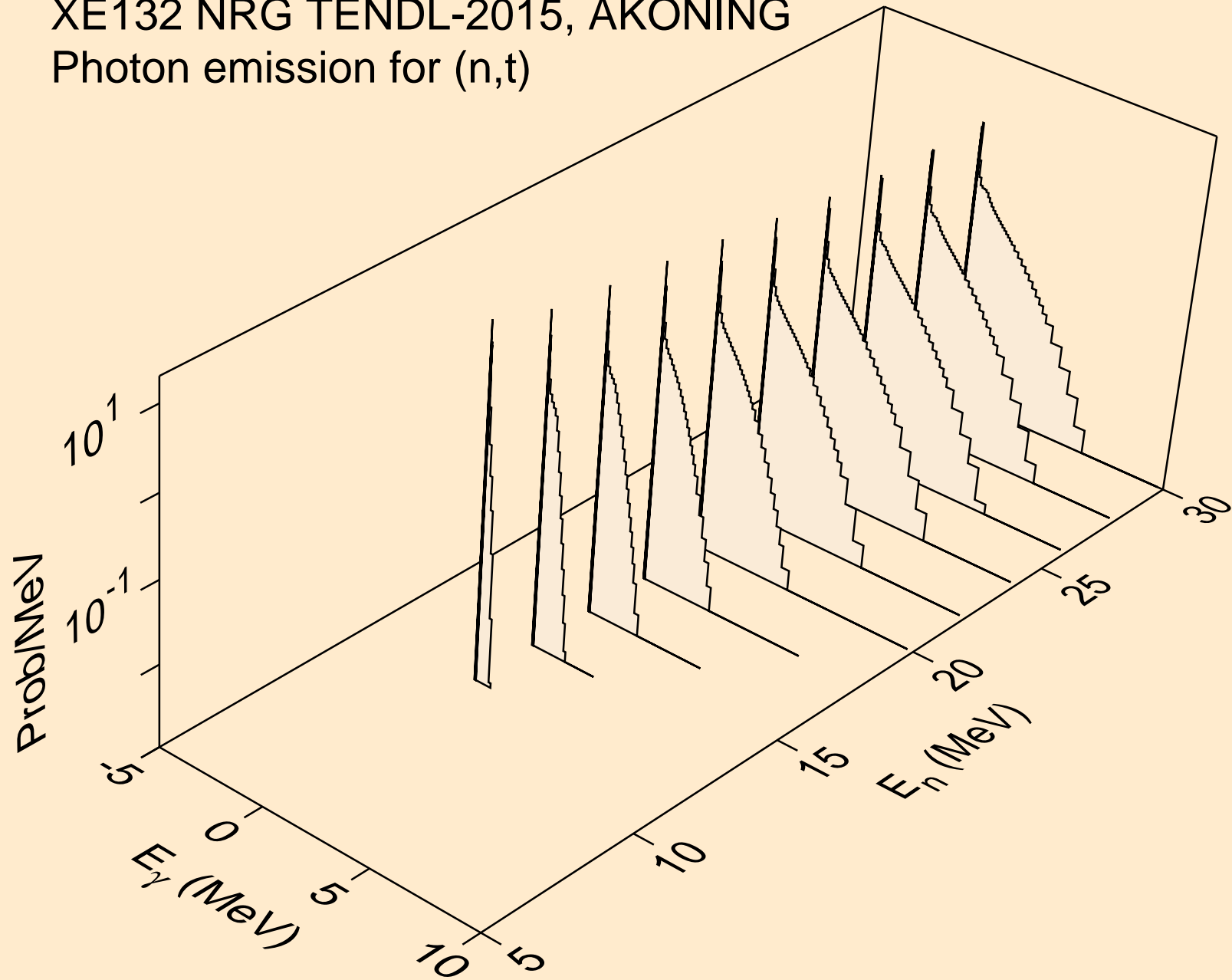
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



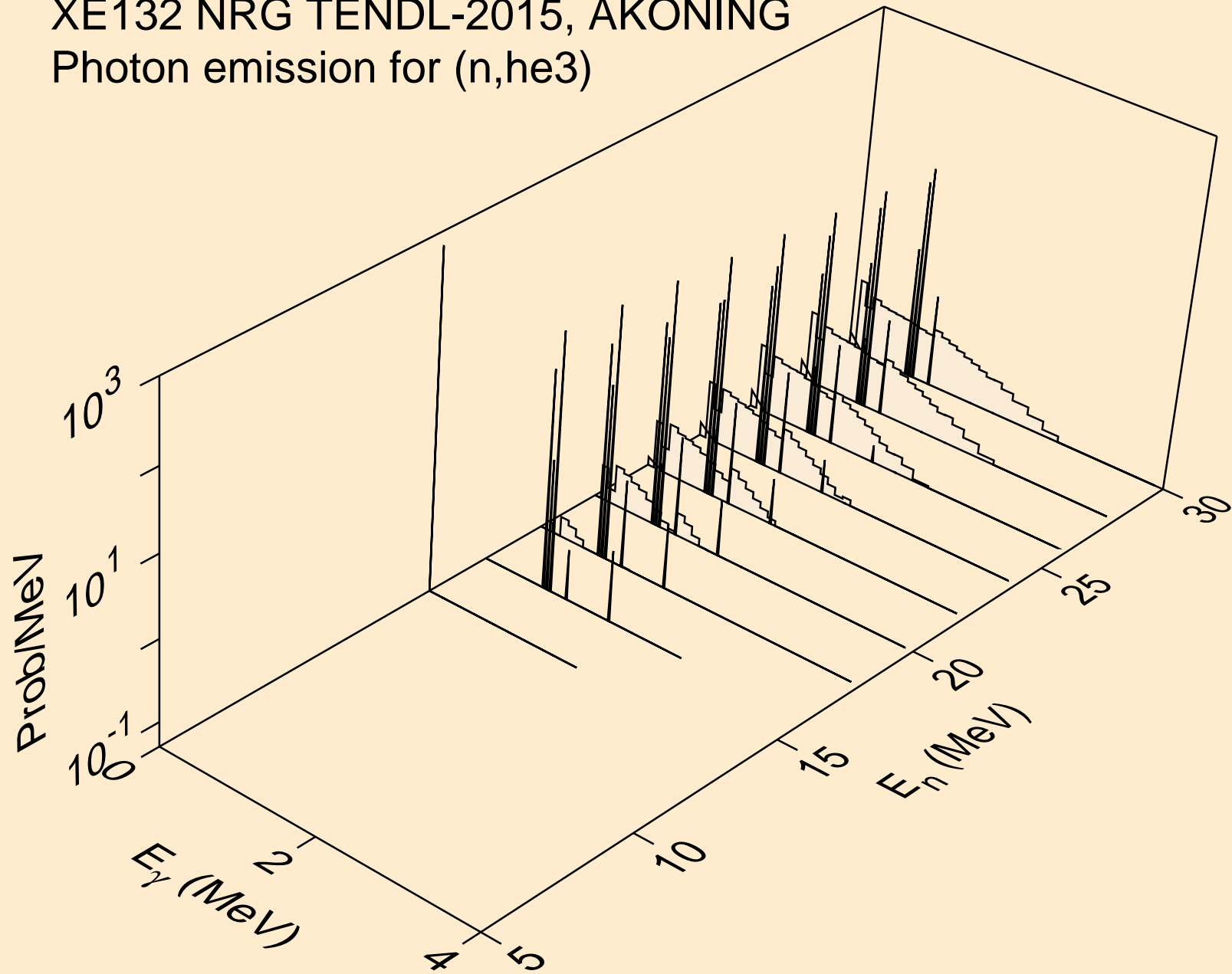
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



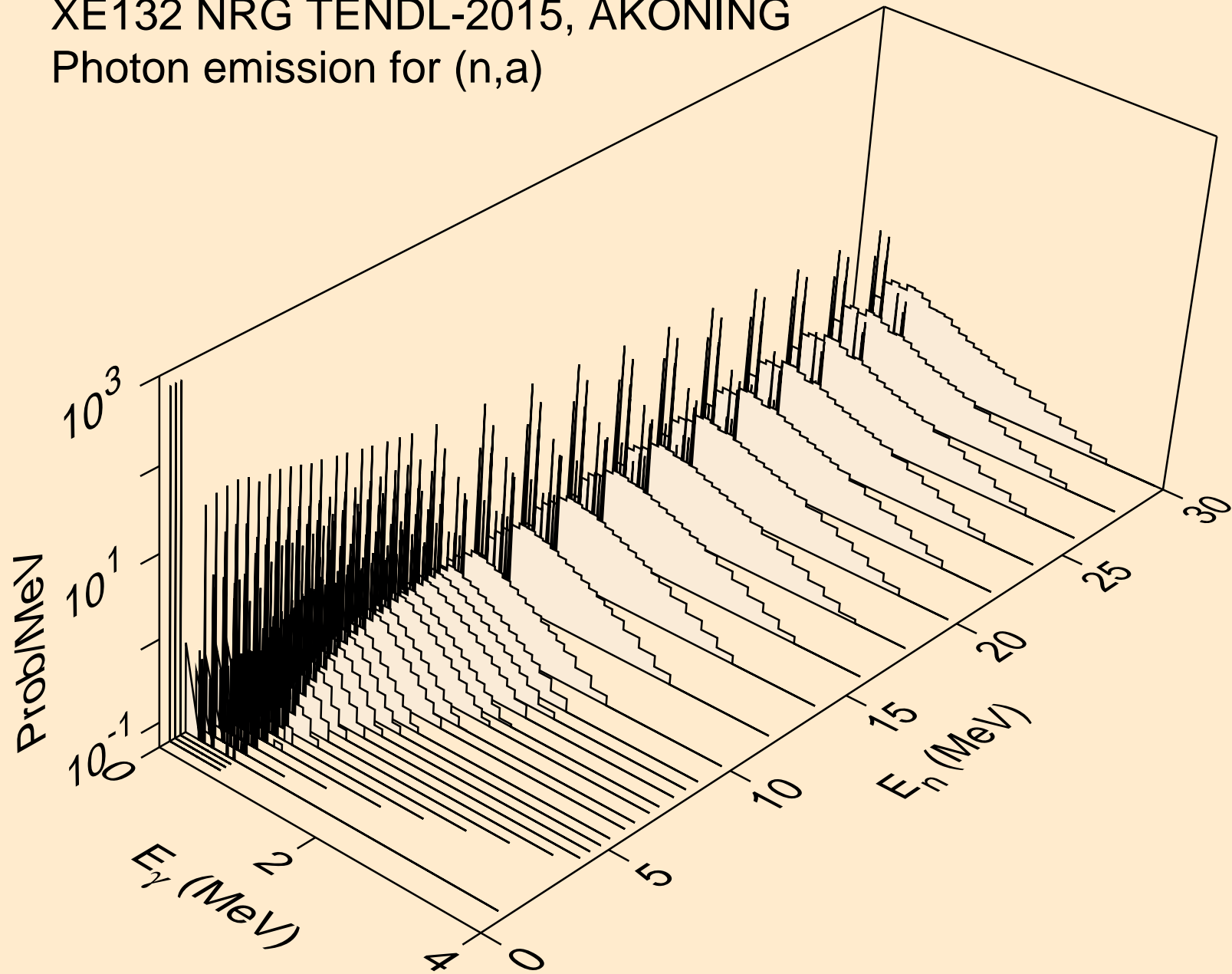
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



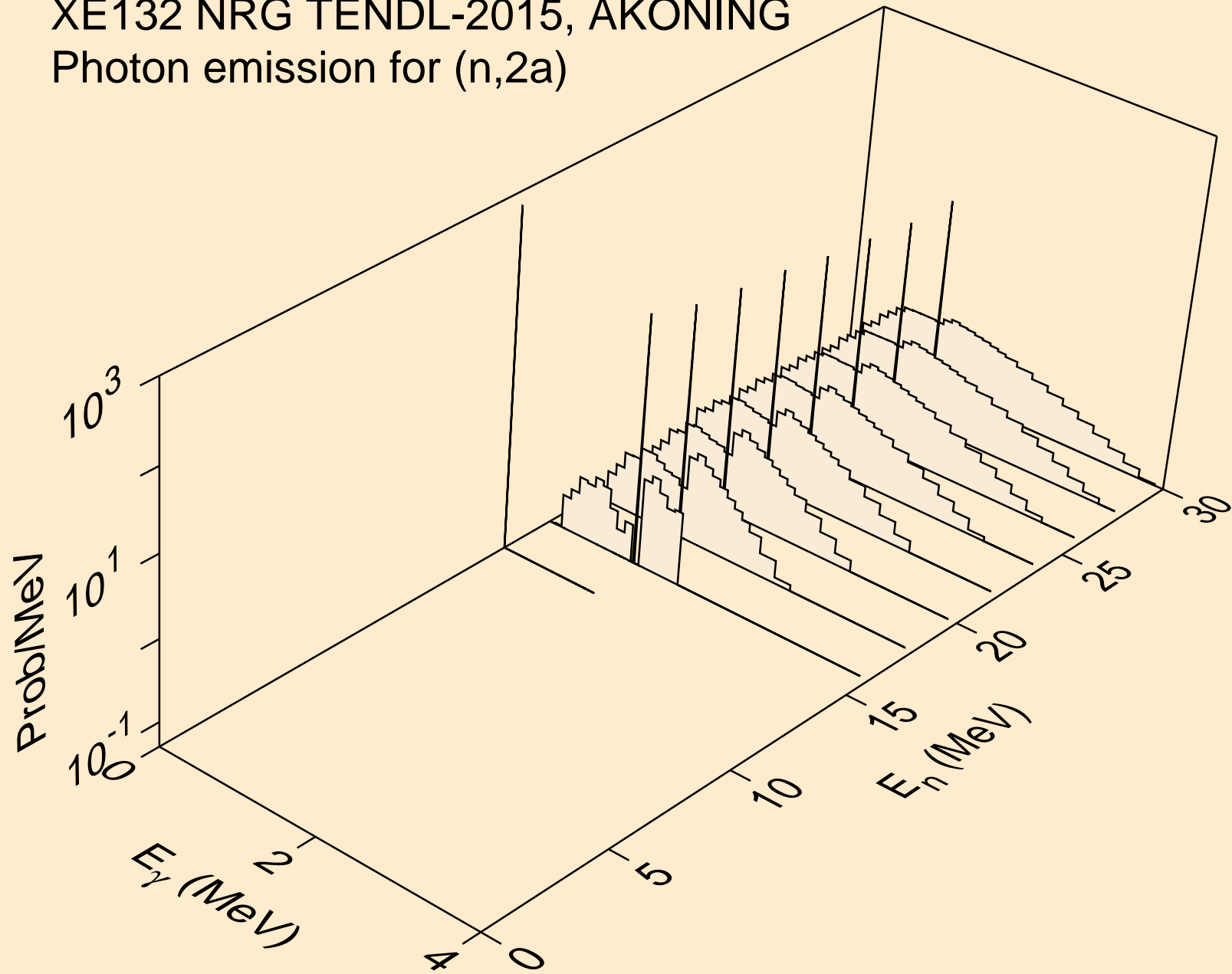
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

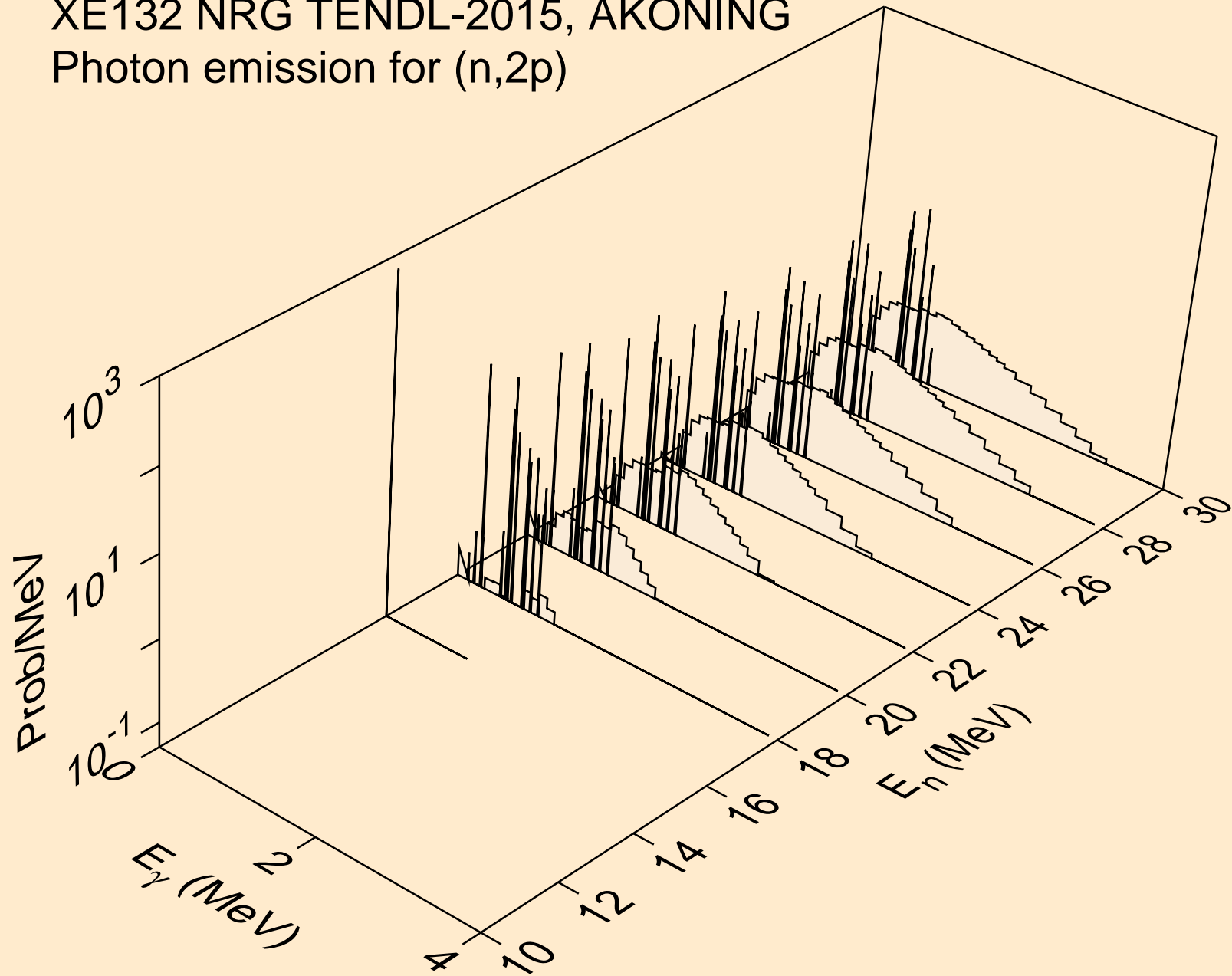


XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

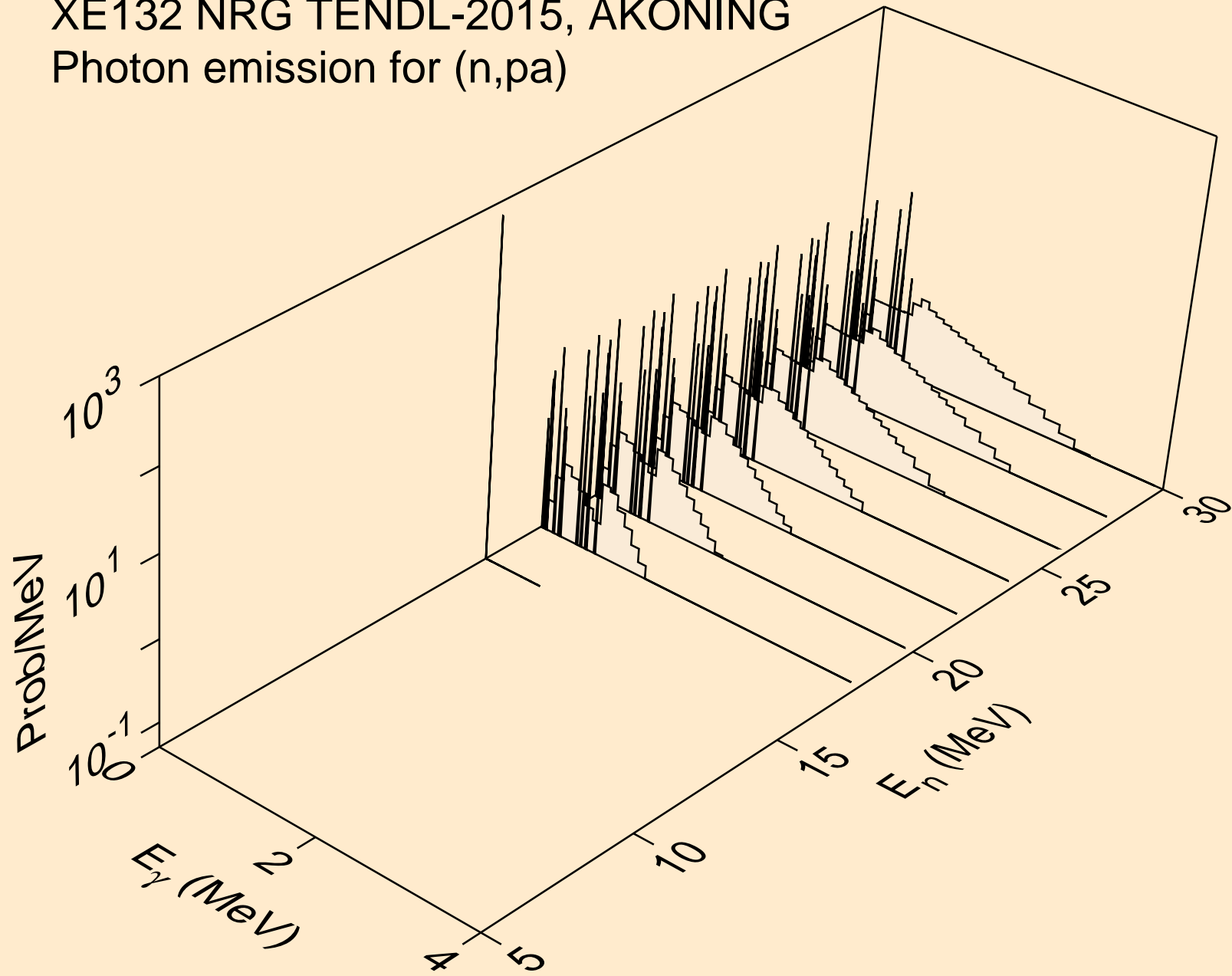




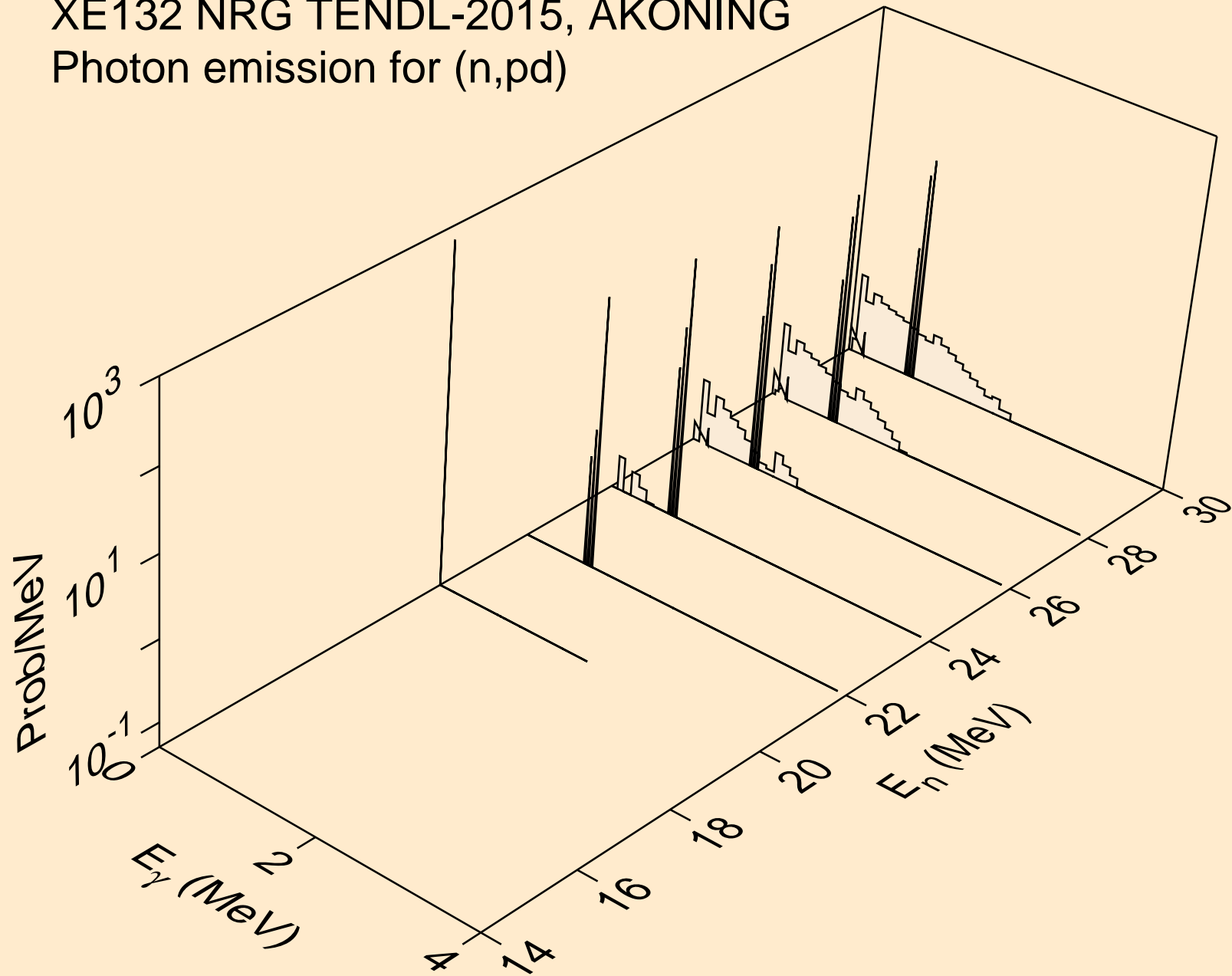
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



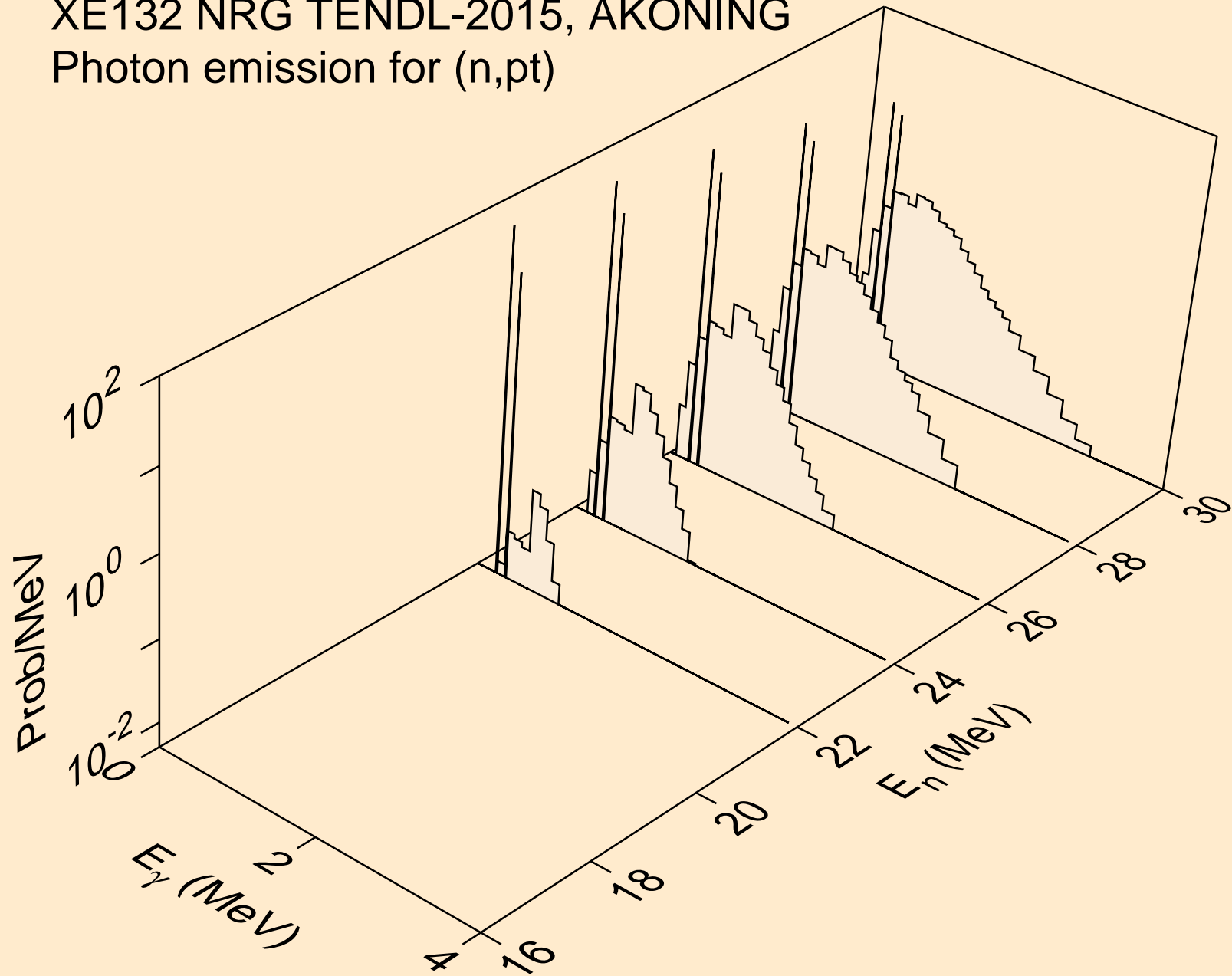
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



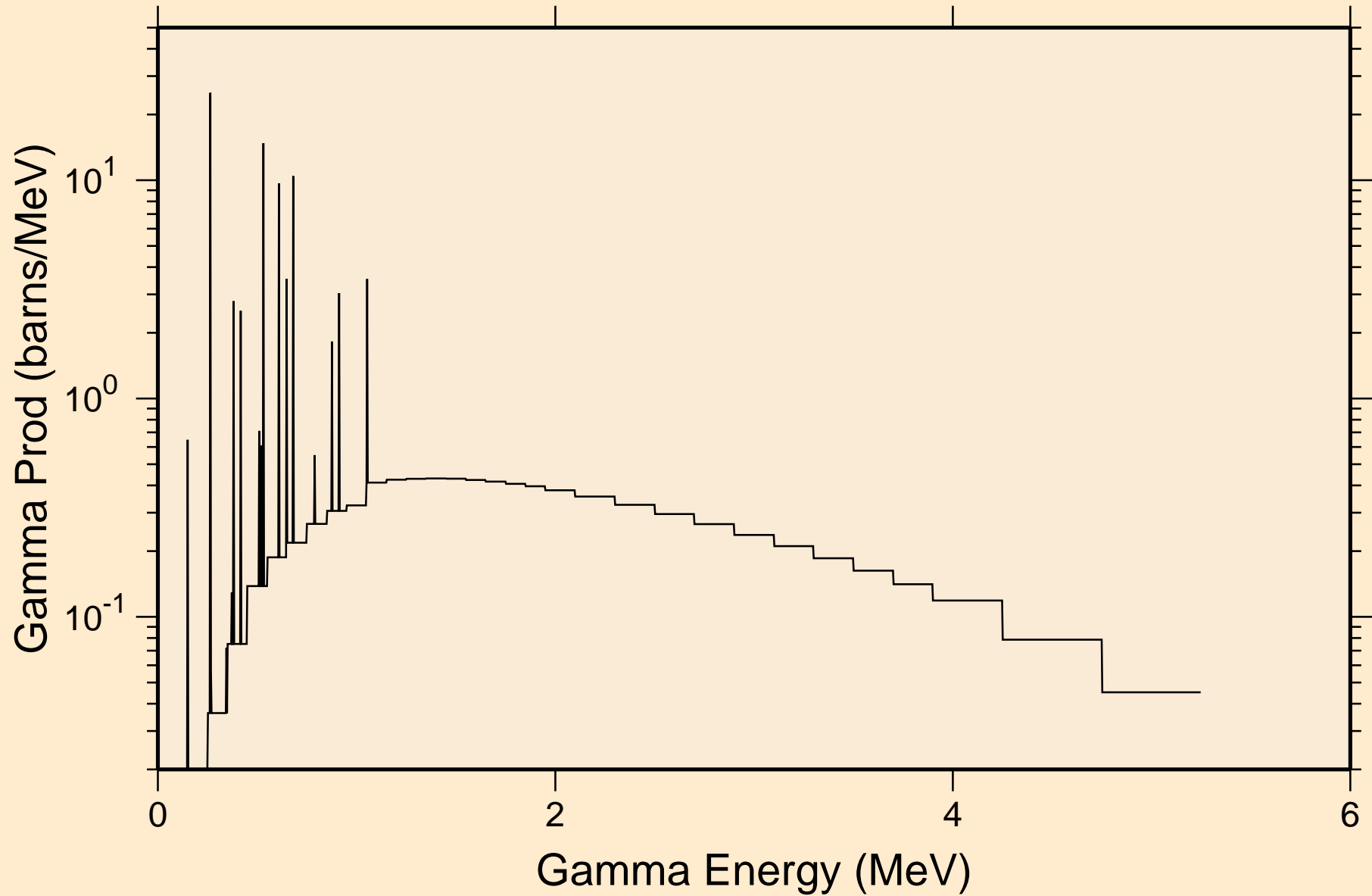
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



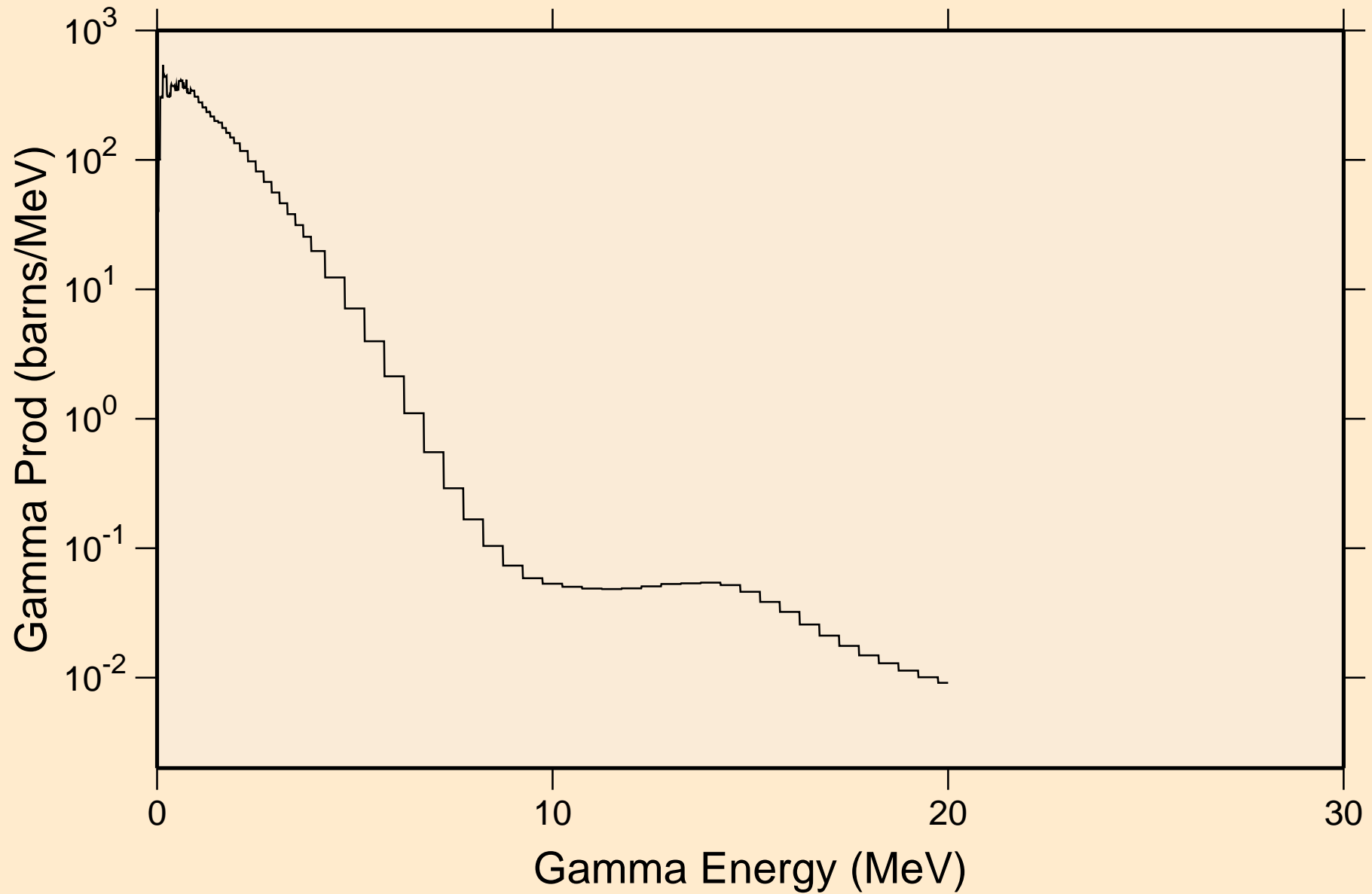
XE132 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



XE132 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

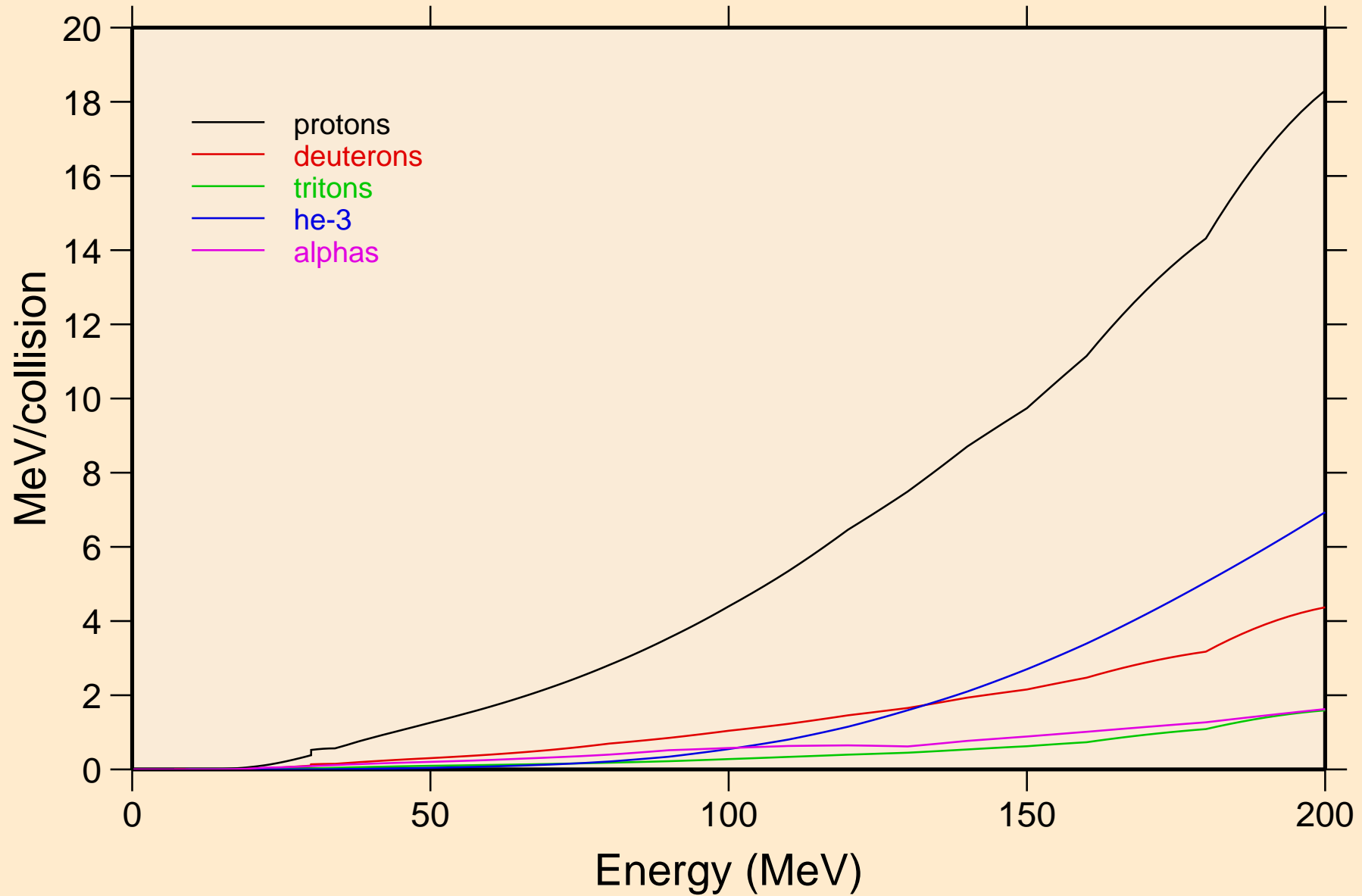


XE132 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



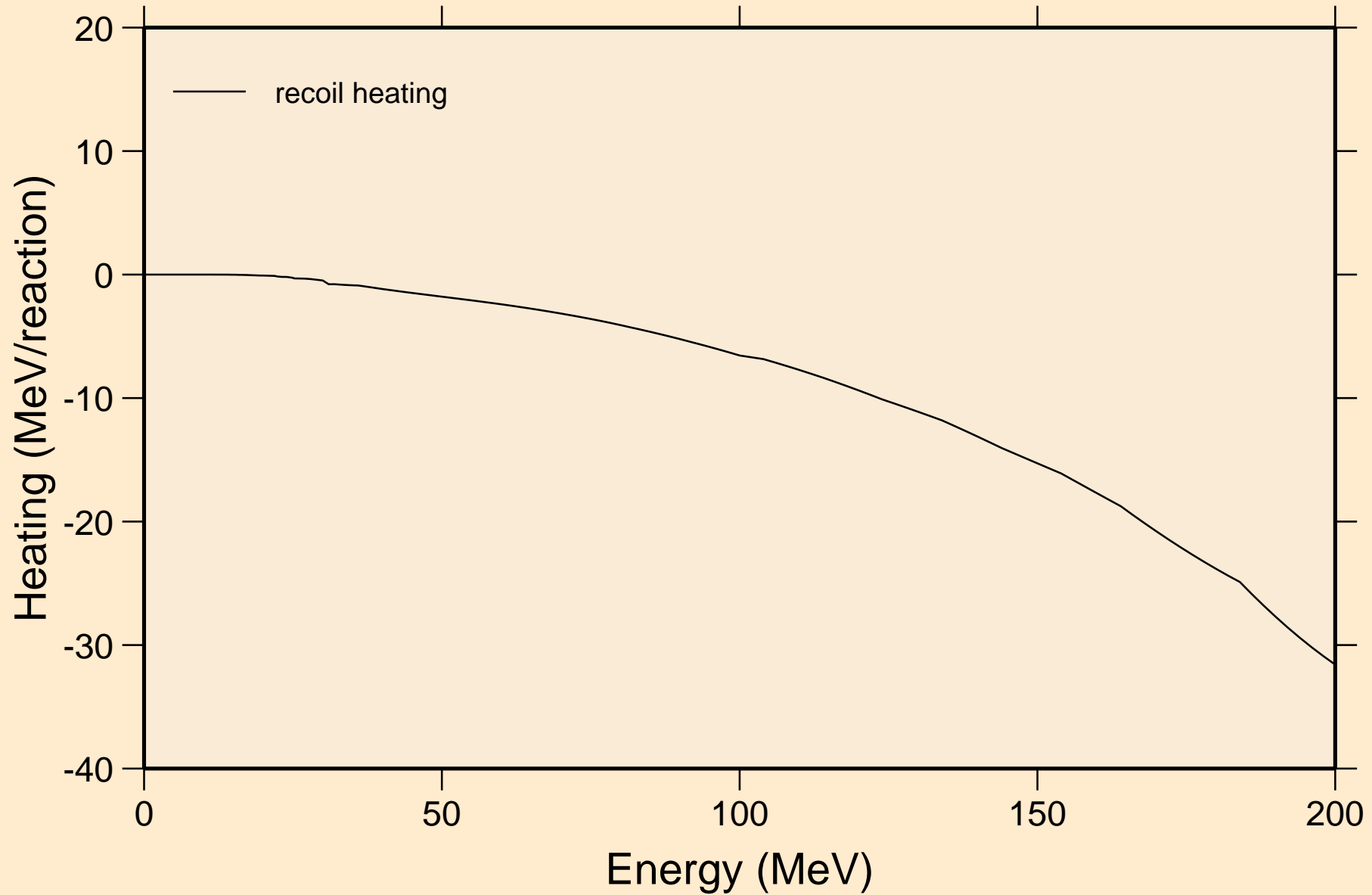
# XE132 NRG TENDL-2015, AKONING

## Particle heating contributions



# XE132 NRG TENDL-2015, AKONING

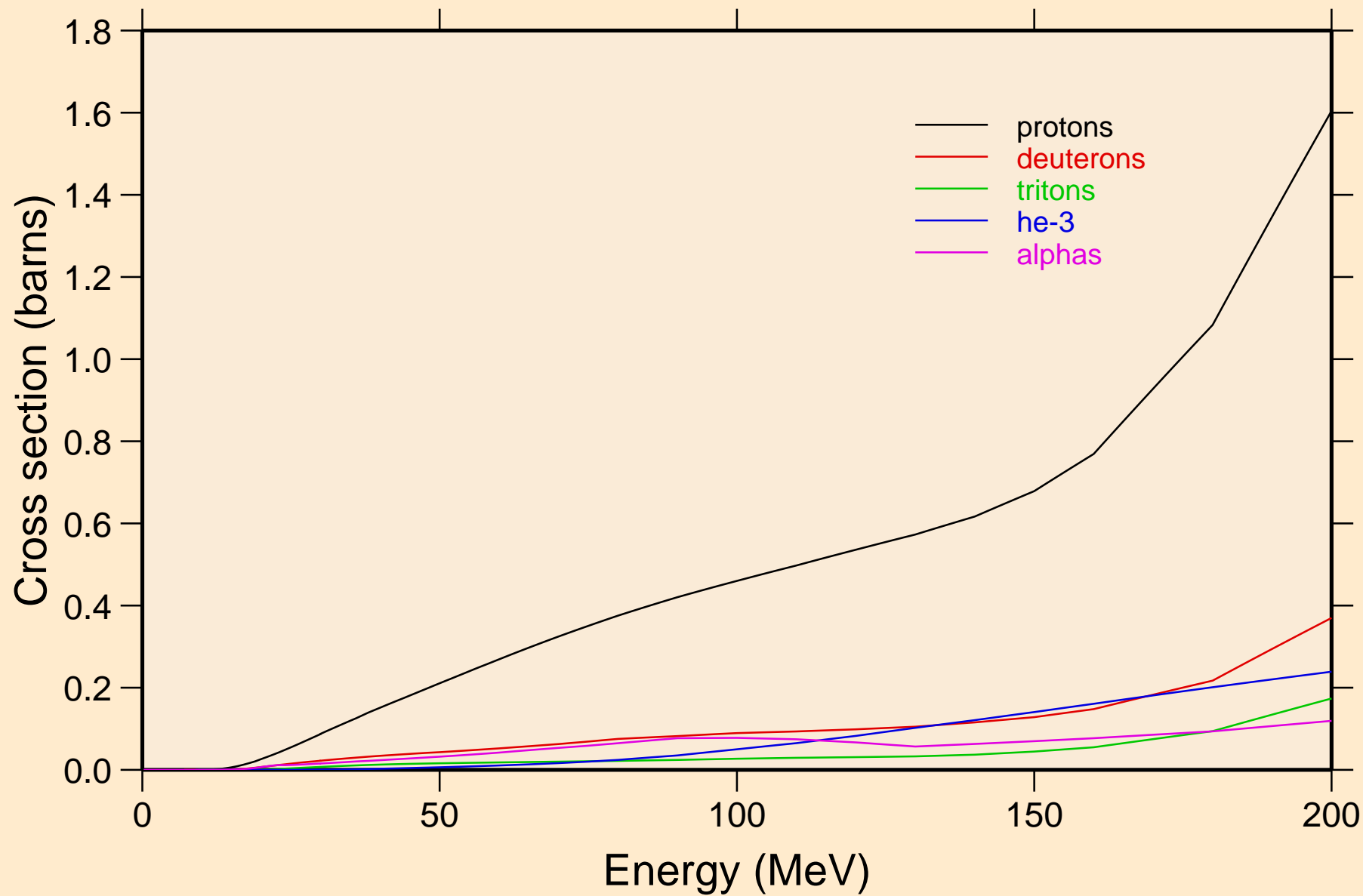
## Recoil Heating



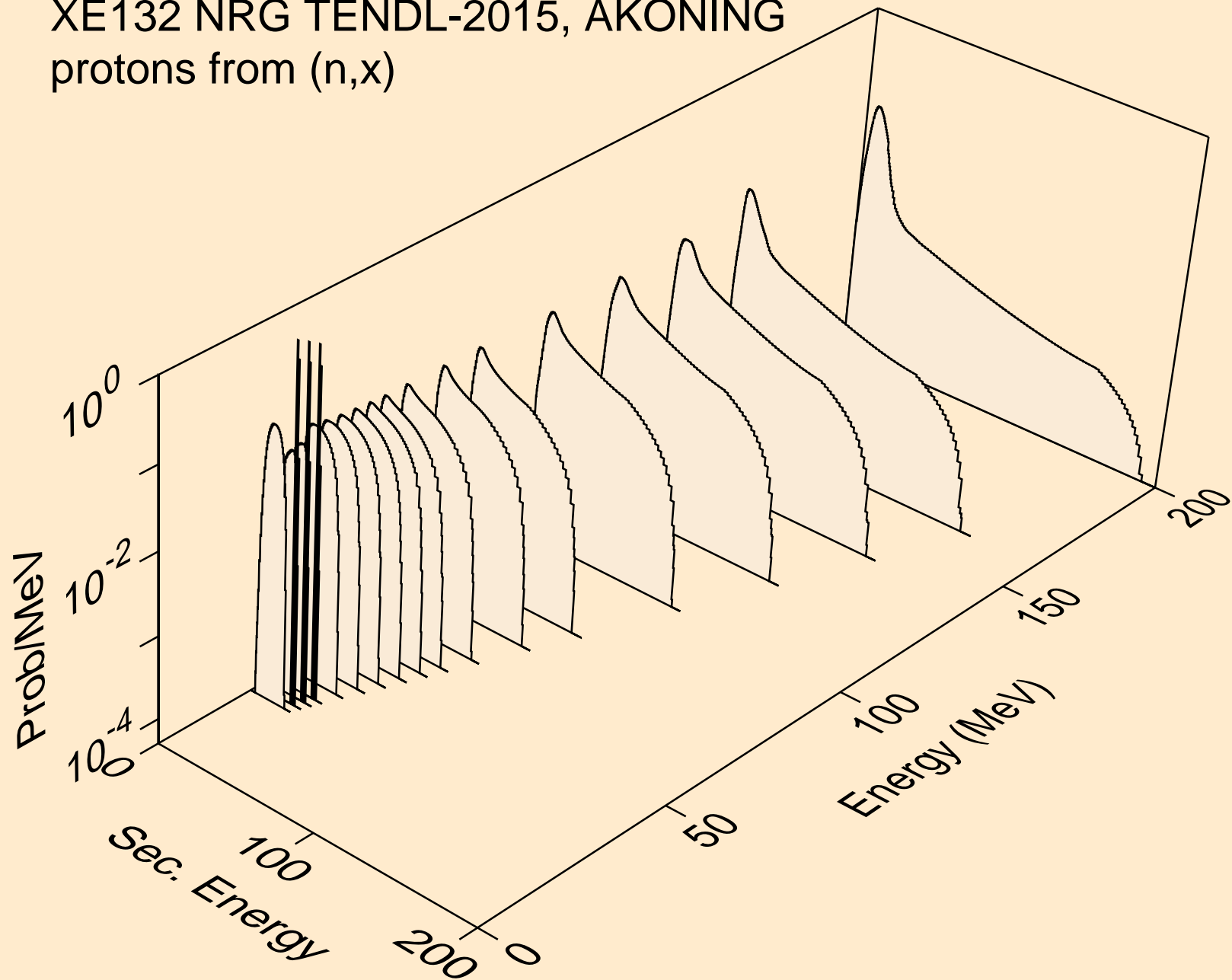


# XE132 NRG TENDL-2015, AKONING

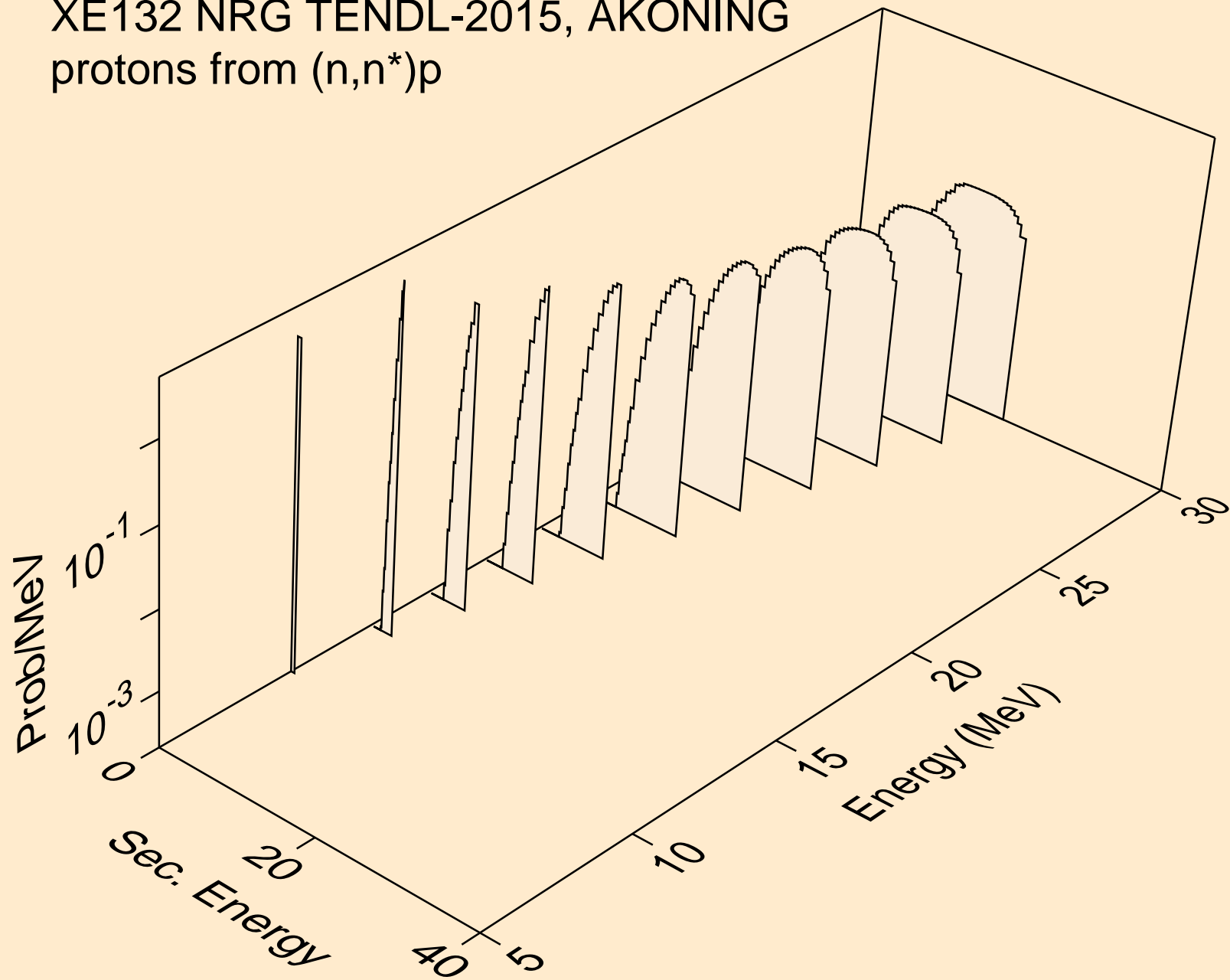
## Particle production cross sections



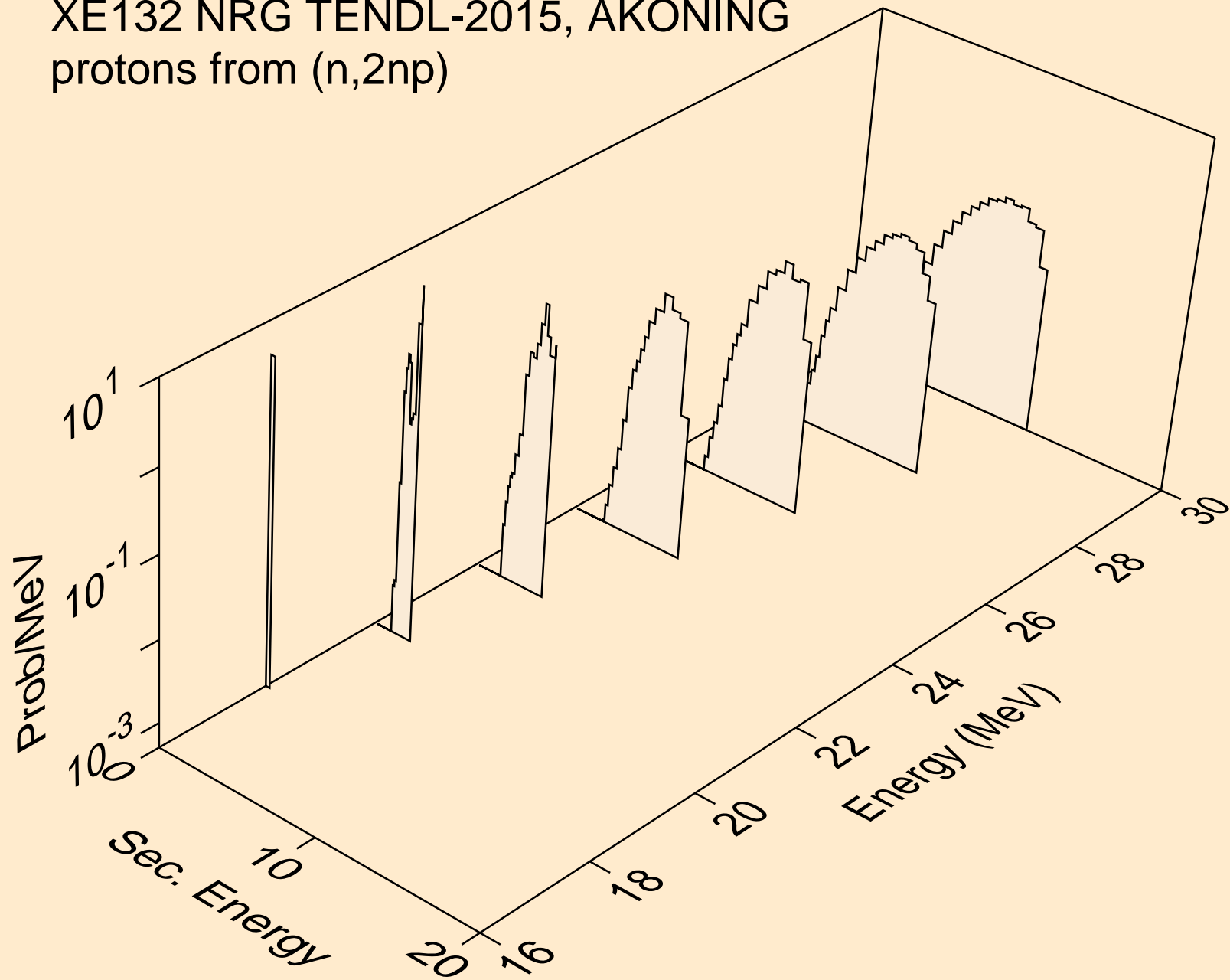
XE132 NRG TENDL-2015, AKONING  
protons from (n,x)



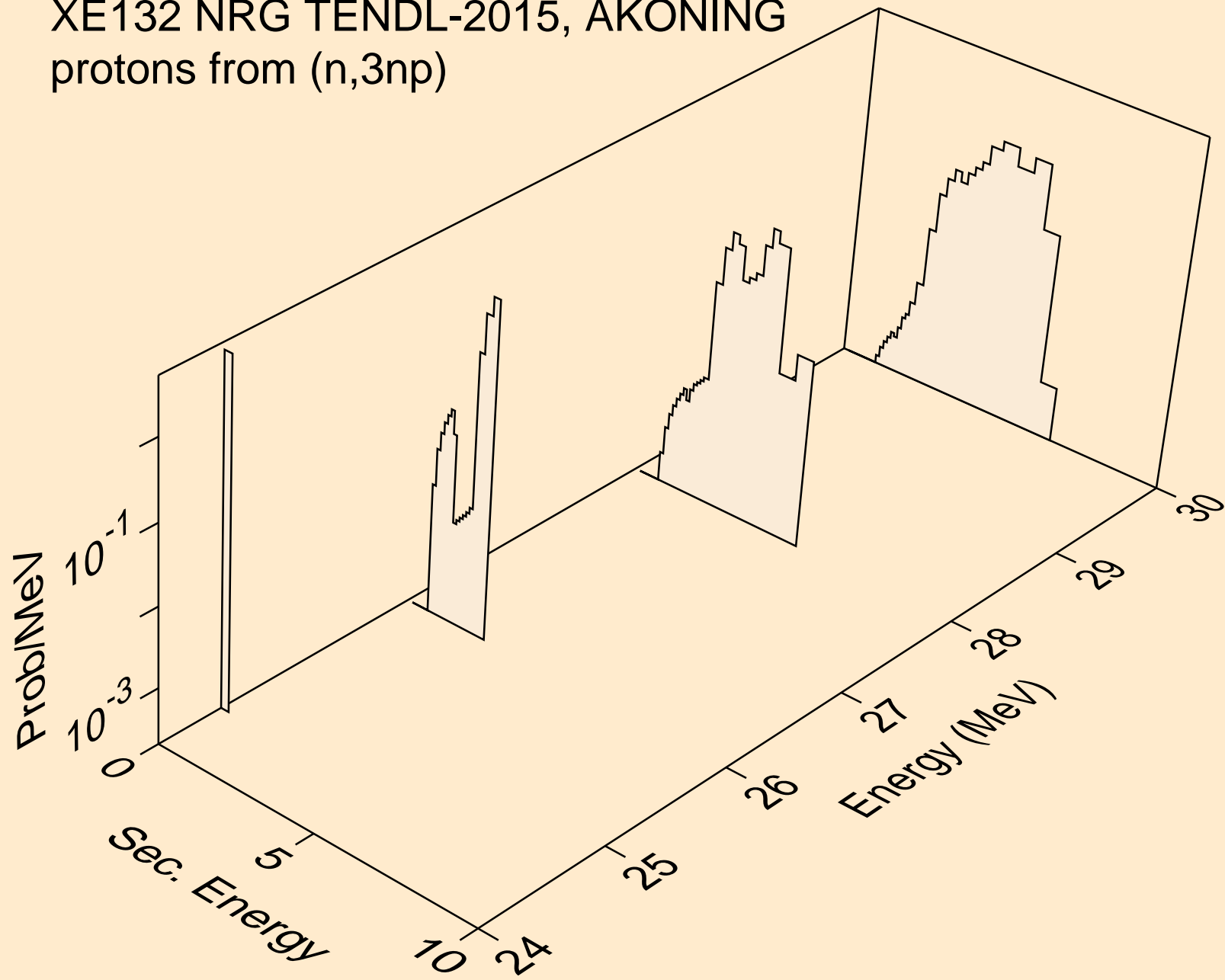
XE132 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



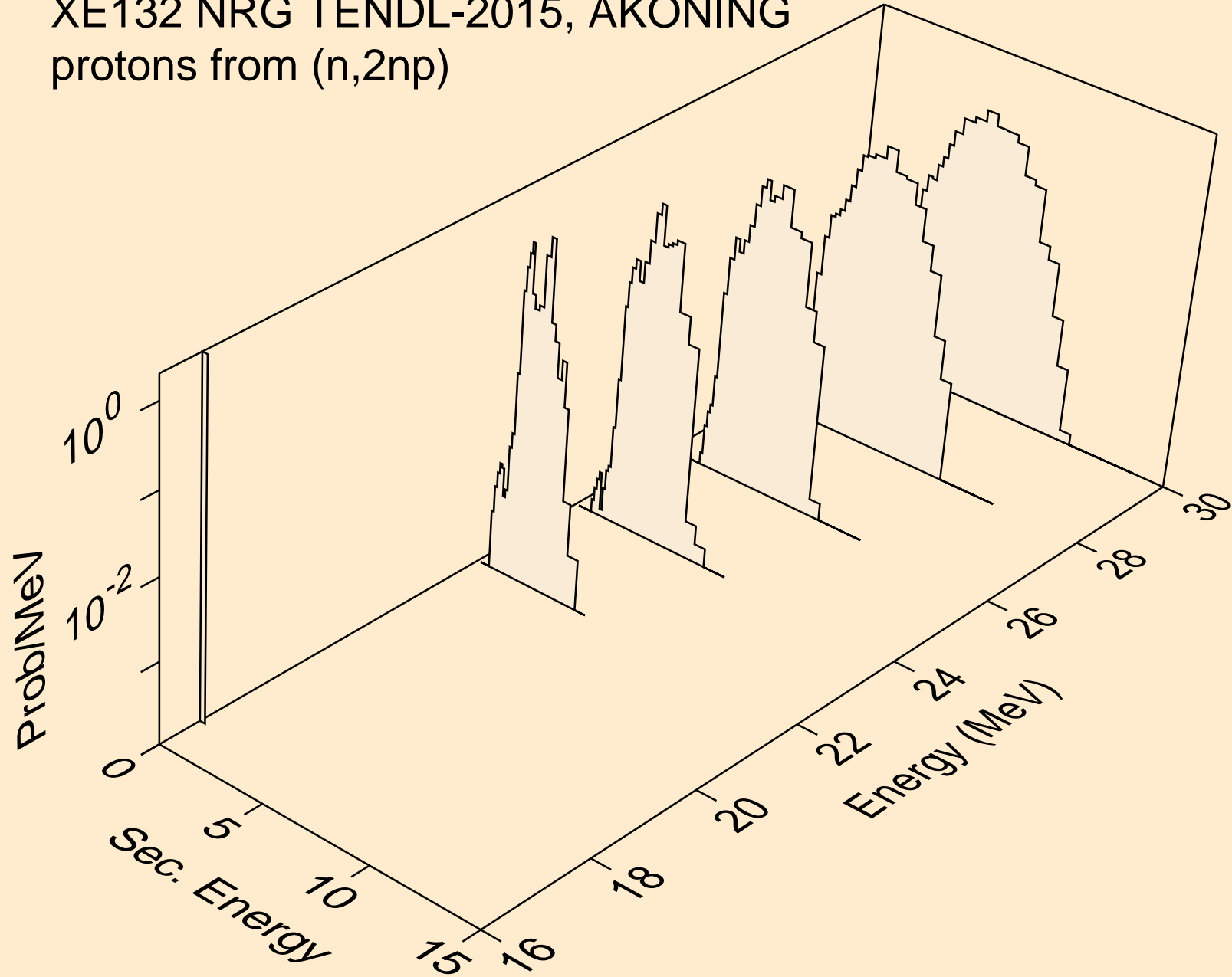
XE132 NRG TENDL-2015, AKONING  
protons from (n,2np)



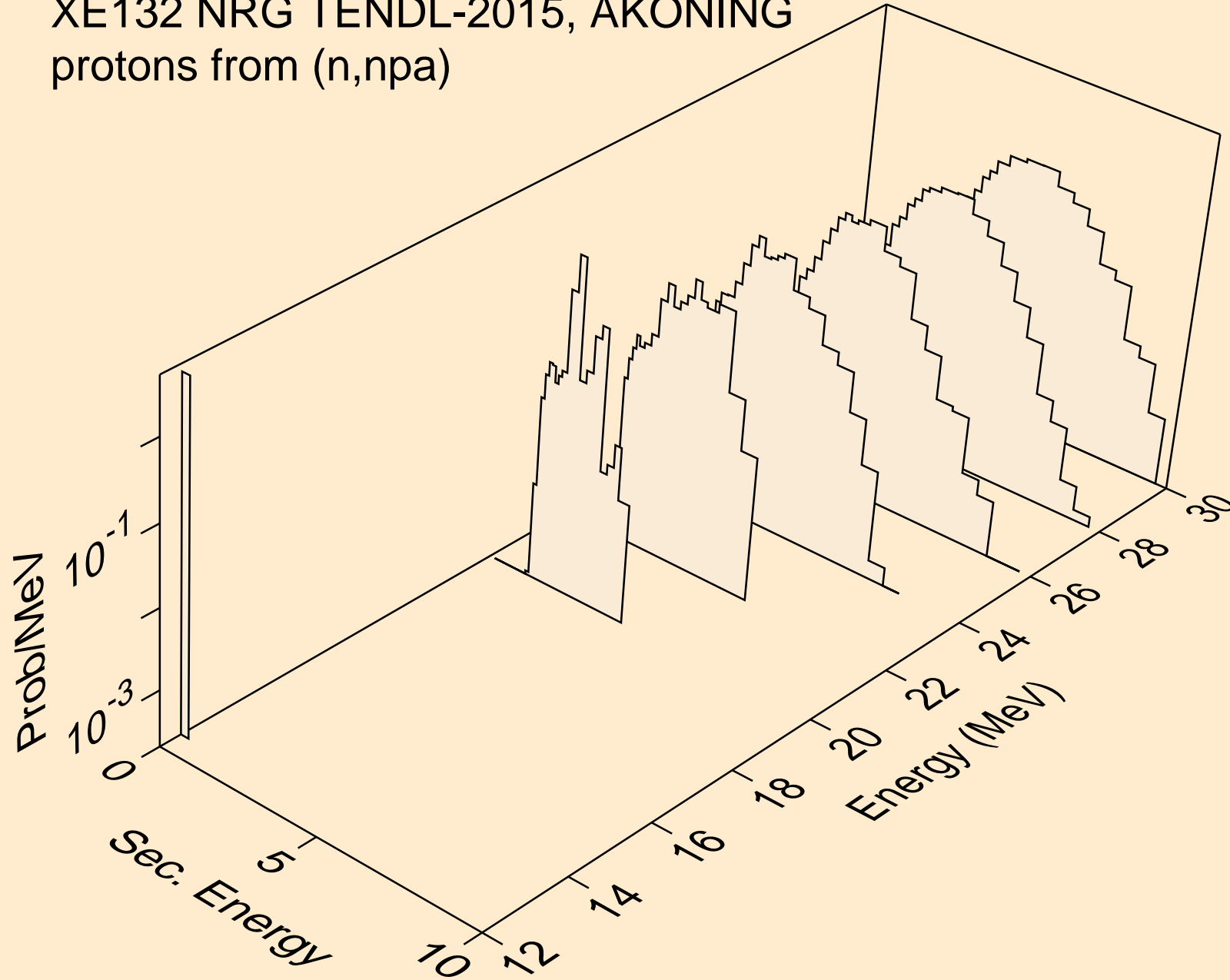
XE132 NRG TENDL-2015, AKONING  
protons from (n,3np)



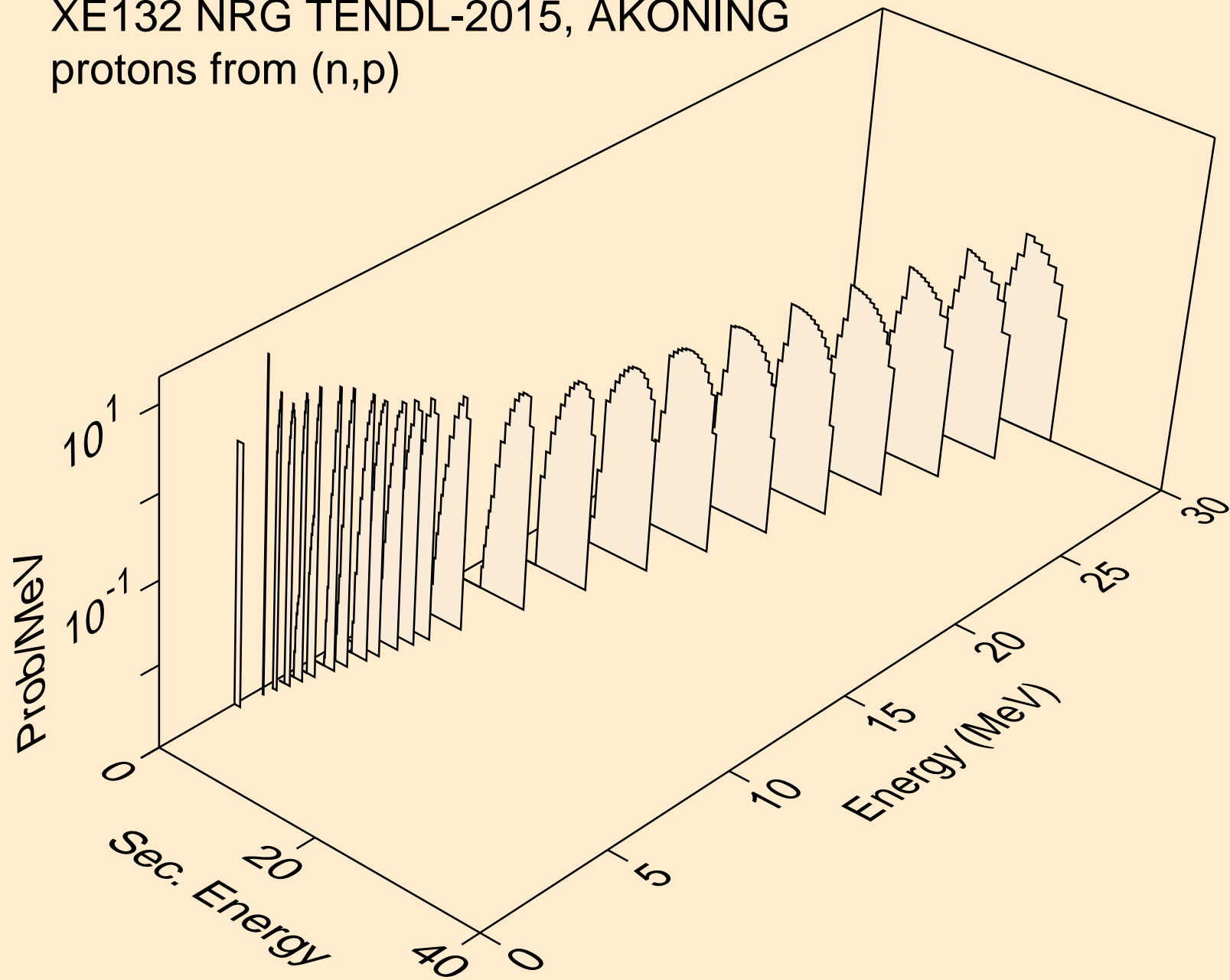
XE132 NRG TENDL-2015, AKONING  
protons from (n,2np)



XE132 NRG TENDL-2015, AKONING  
protons from (n,npa)

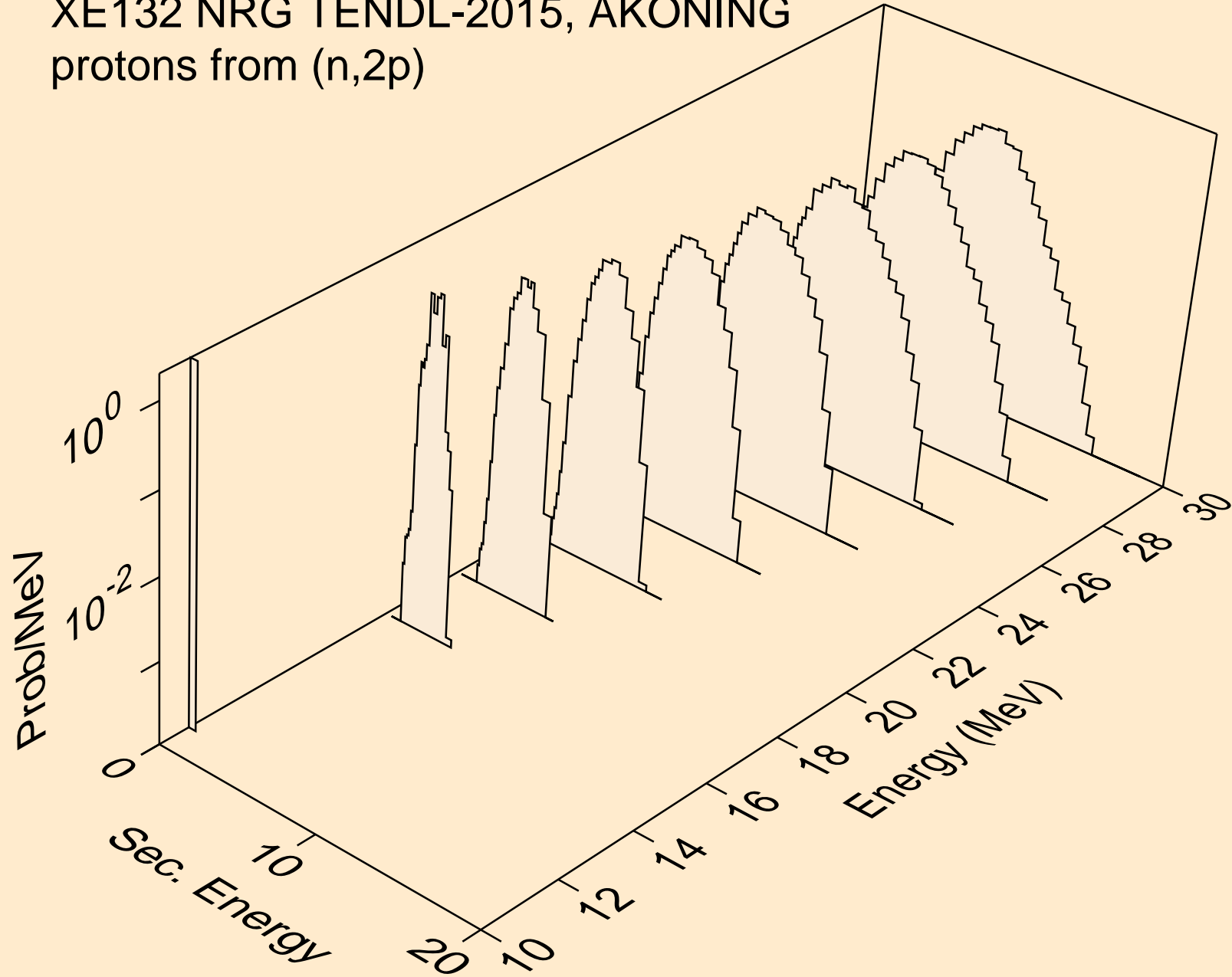


XE132 NRG TENDL-2015, AKONING  
protons from (n,p)

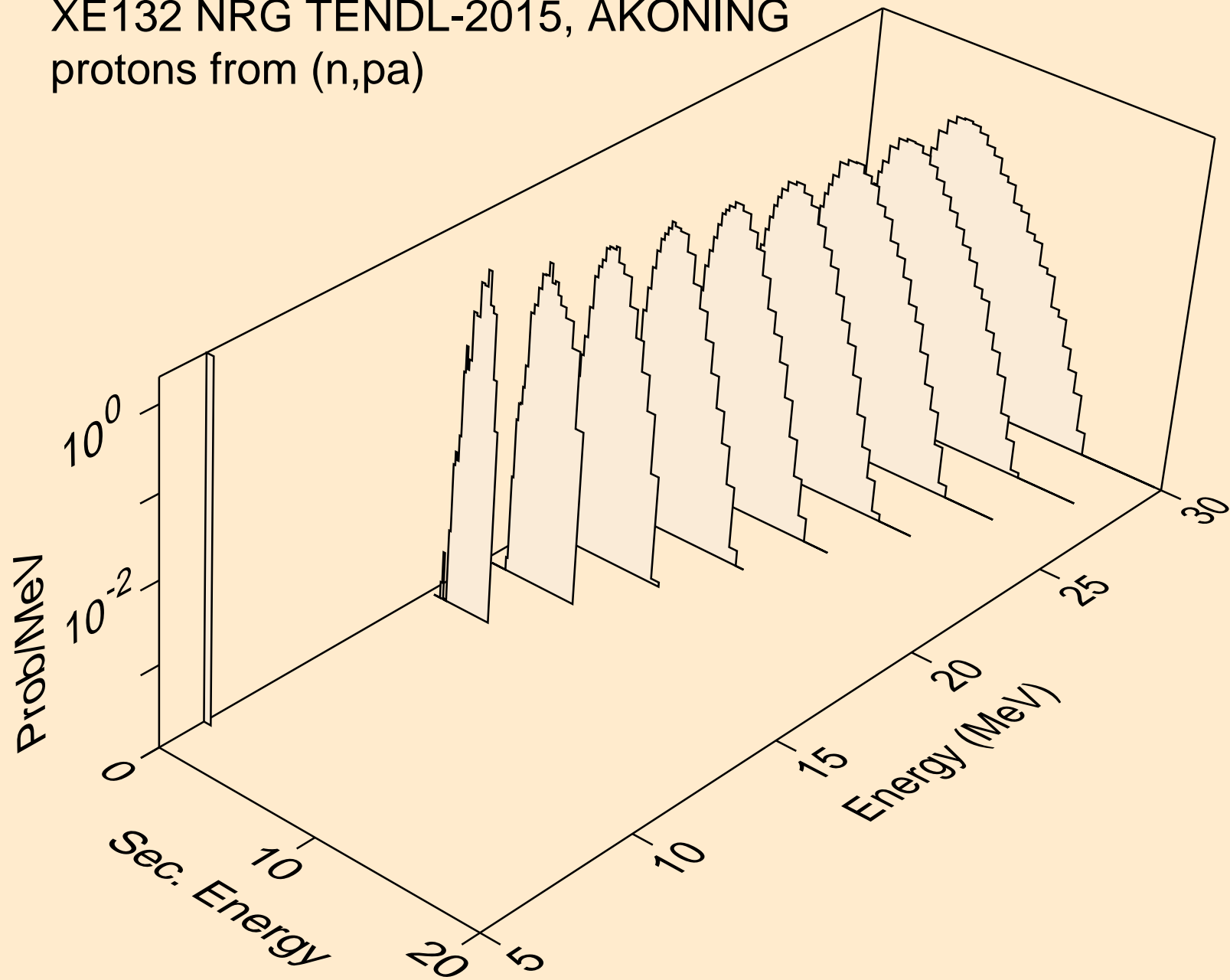




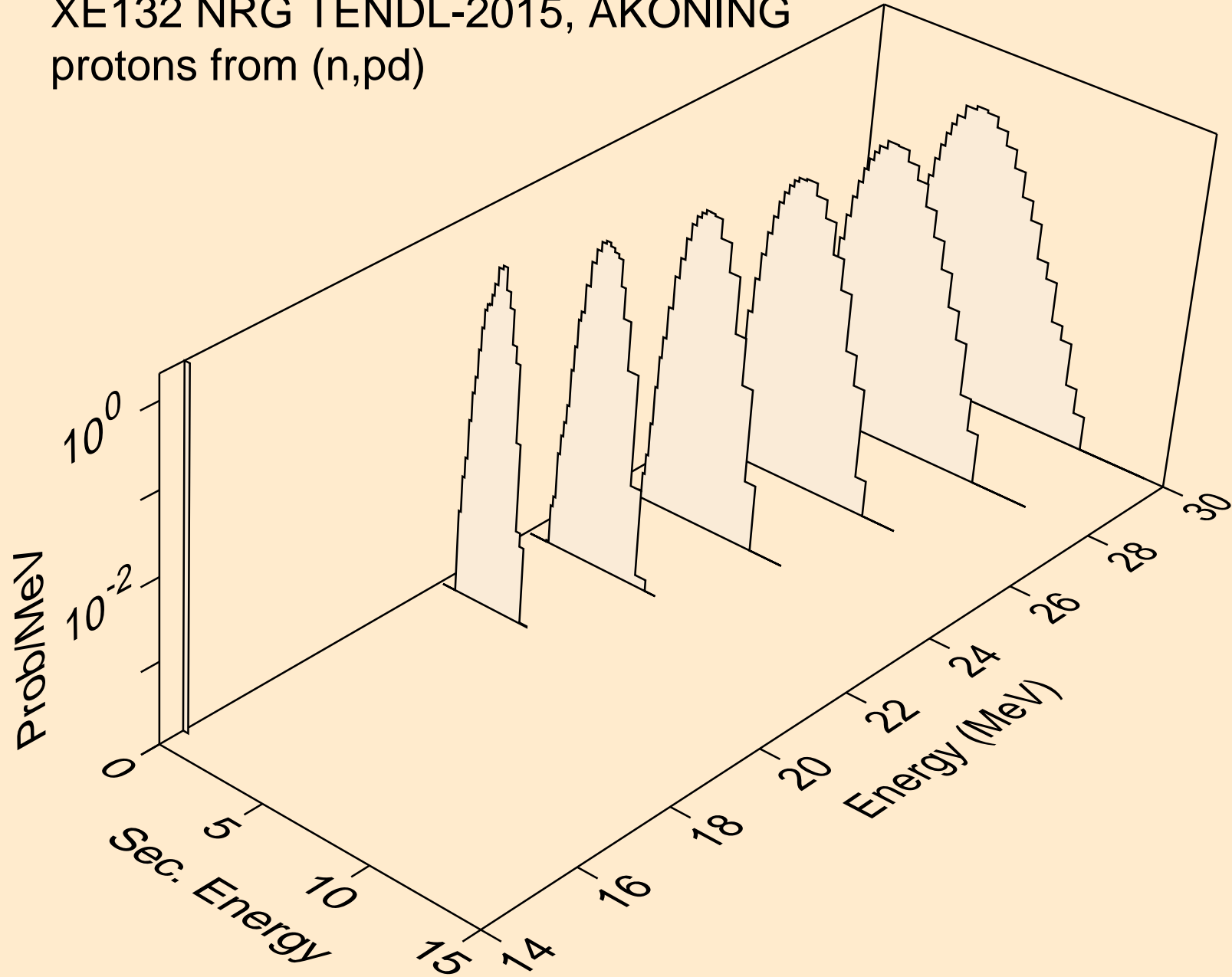
XE132 NRG TENDL-2015, AKONING  
protons from (n,2p)



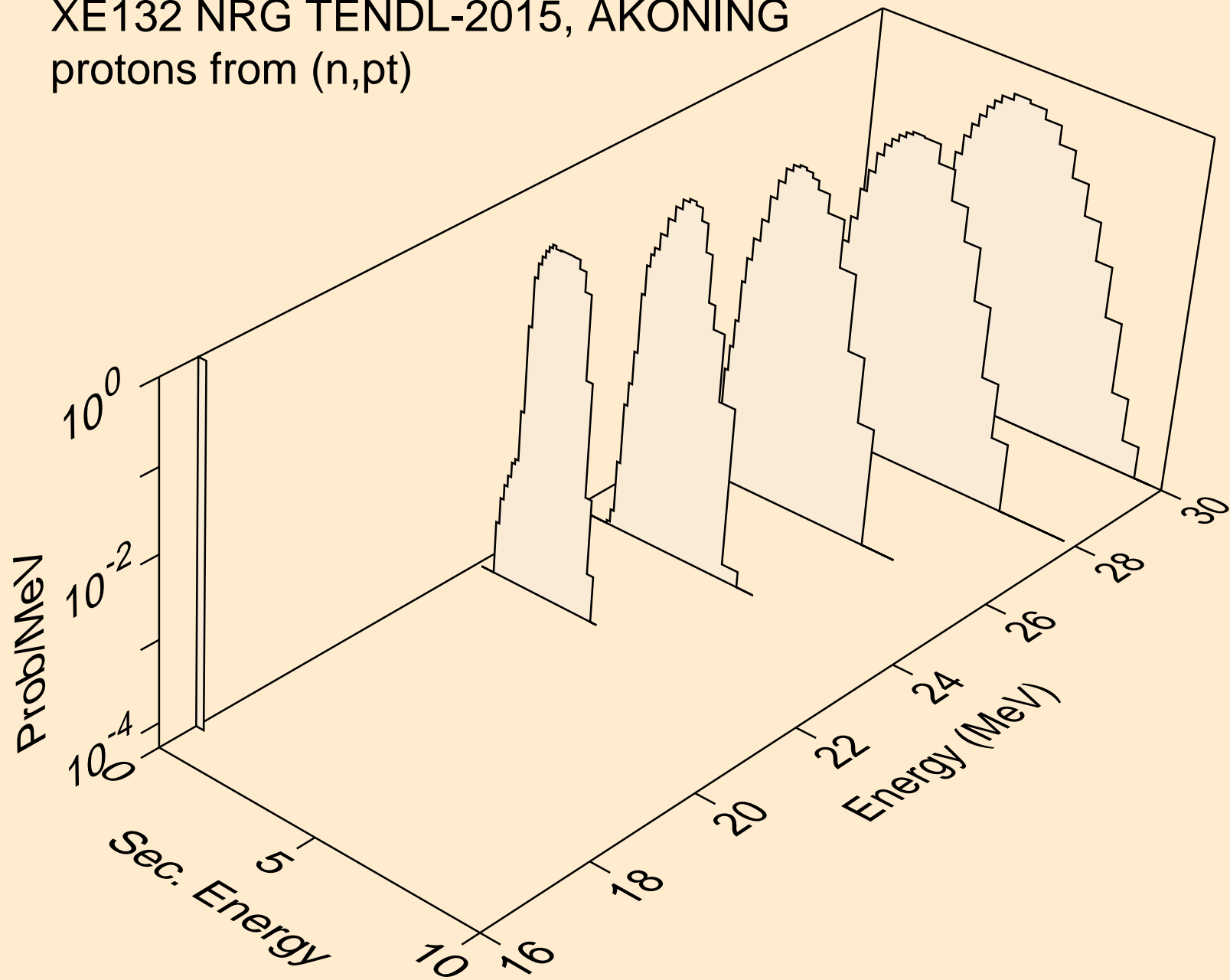
XE132 NRG TENDL-2015, AKONING  
protons from (n,pa)



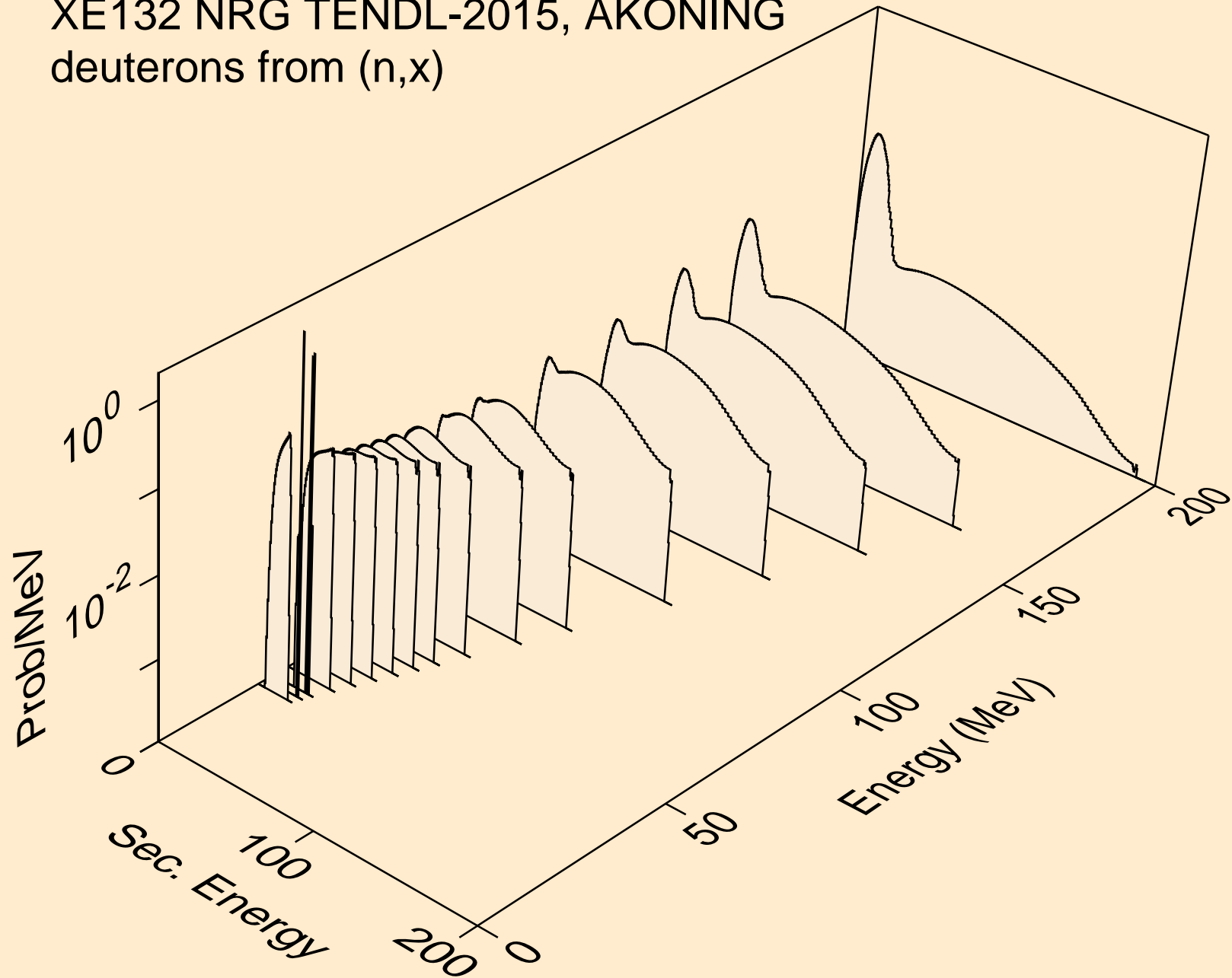
XE132 NRG TENDL-2015, AKONING  
protons from (n,pd)



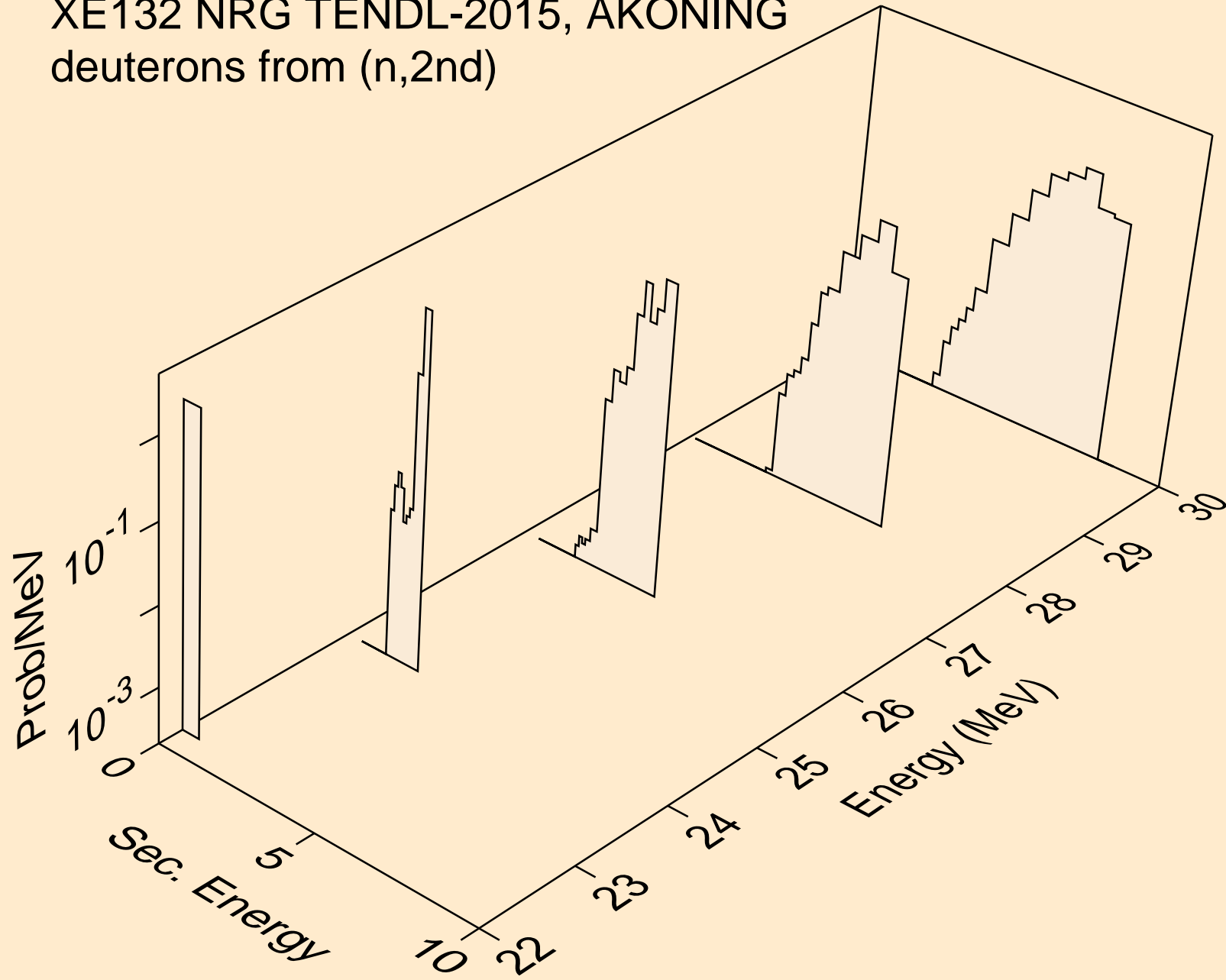
XE132 NRG TENDL-2015, AKONING  
protons from (n,pt)



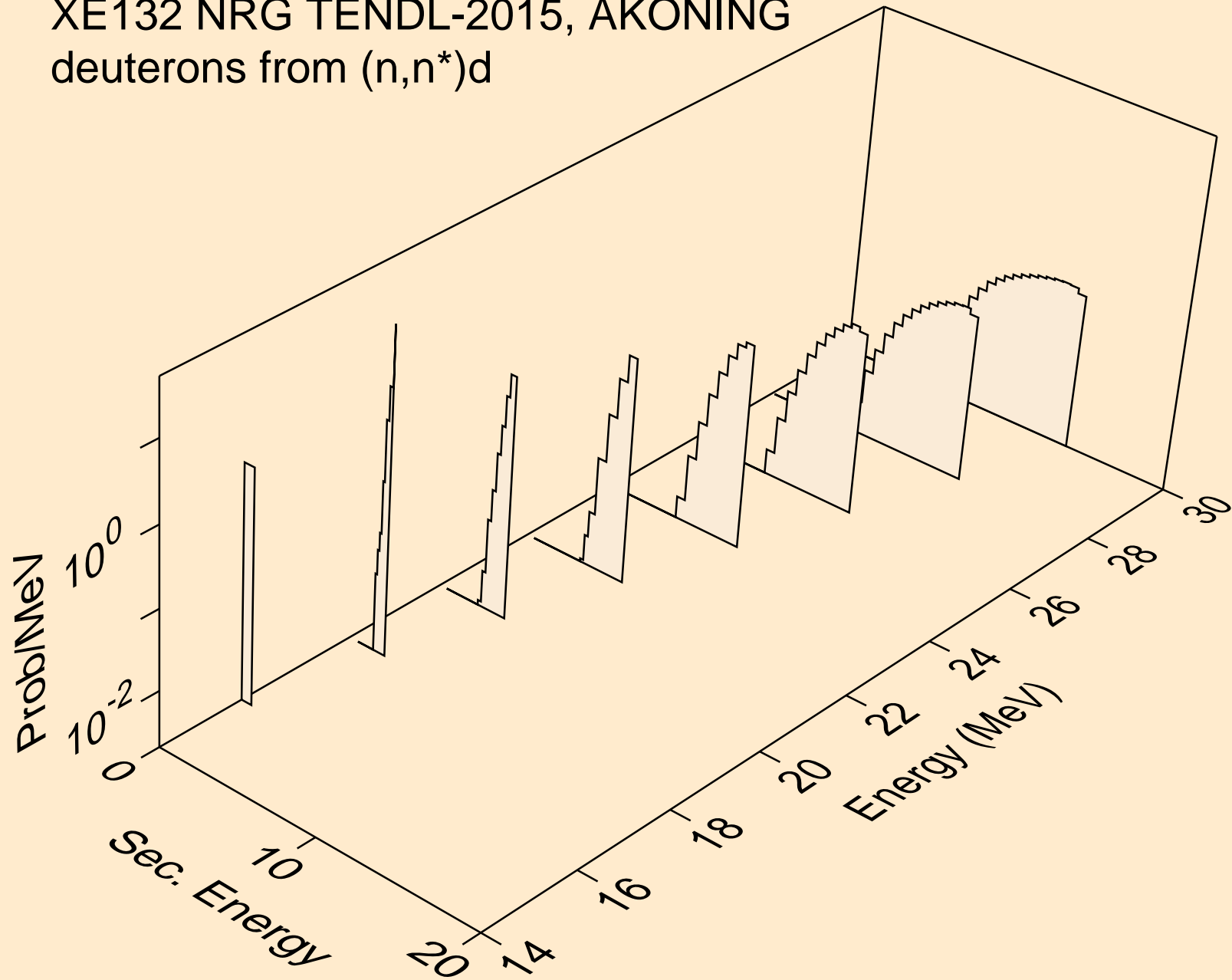
XE132 NRG TENDL-2015, AKONING  
deuterons from (n,x)



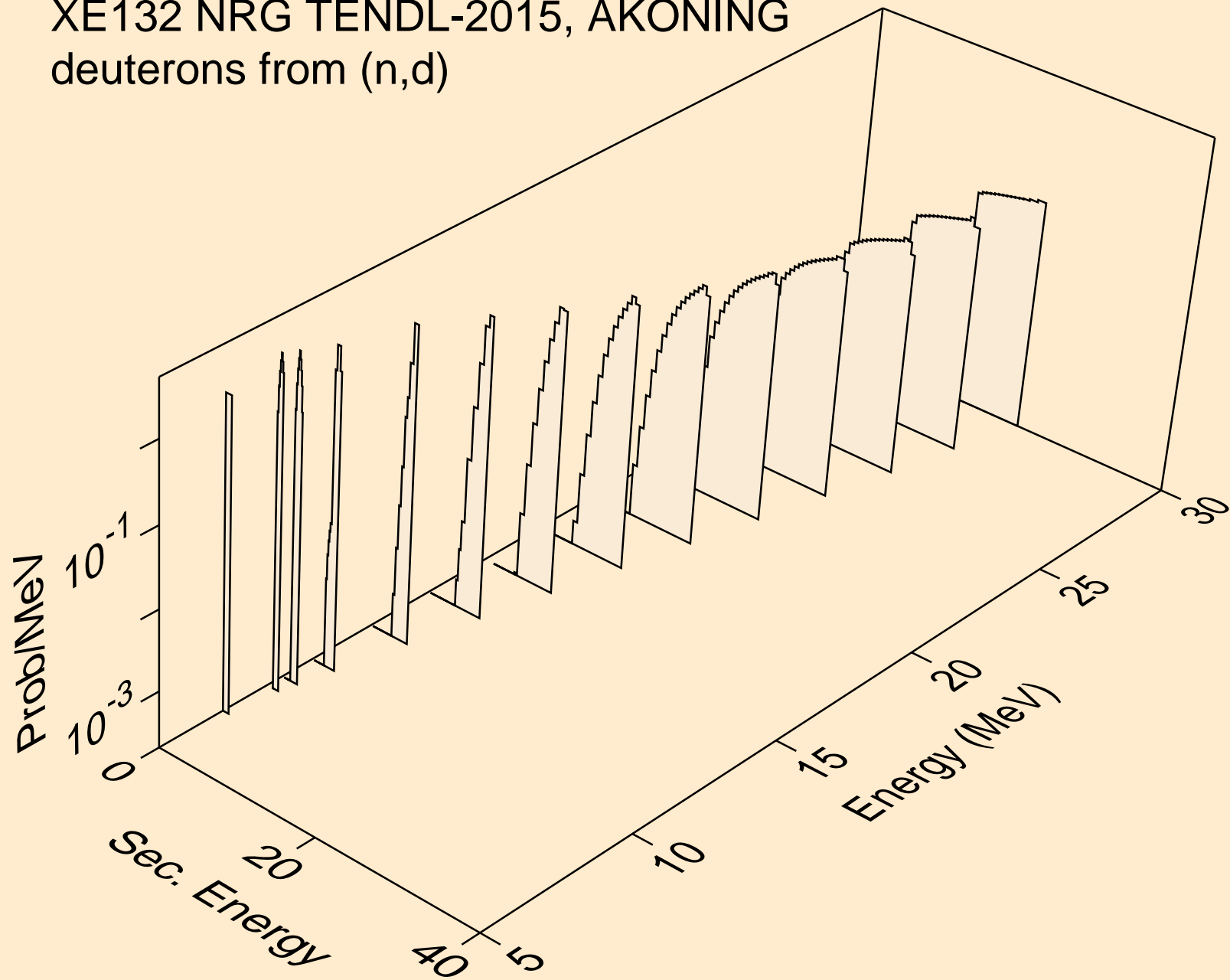
XE132 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



XE132 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

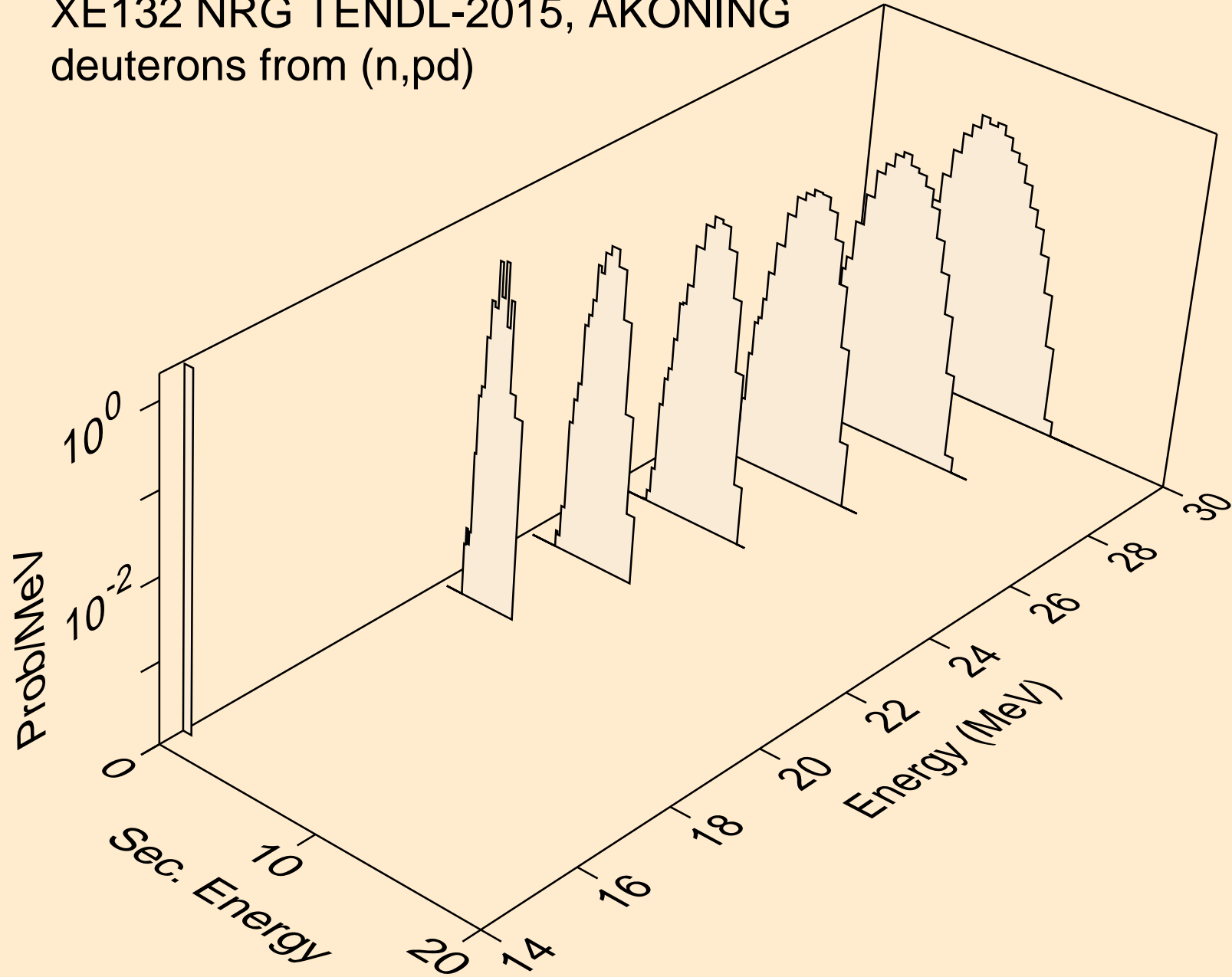


XE132 NRG TENDL-2015, AKONING  
deuterons from (n,d)

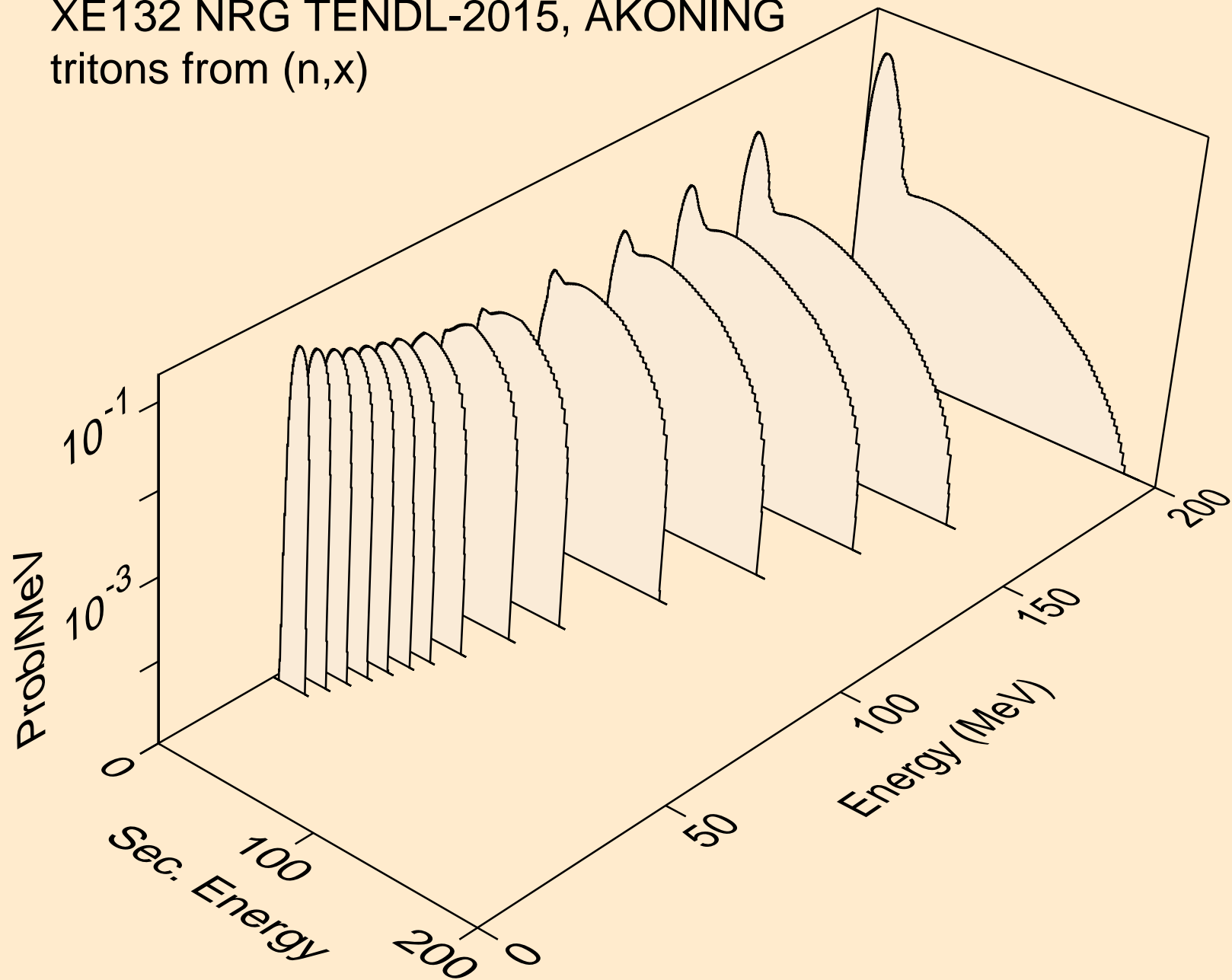




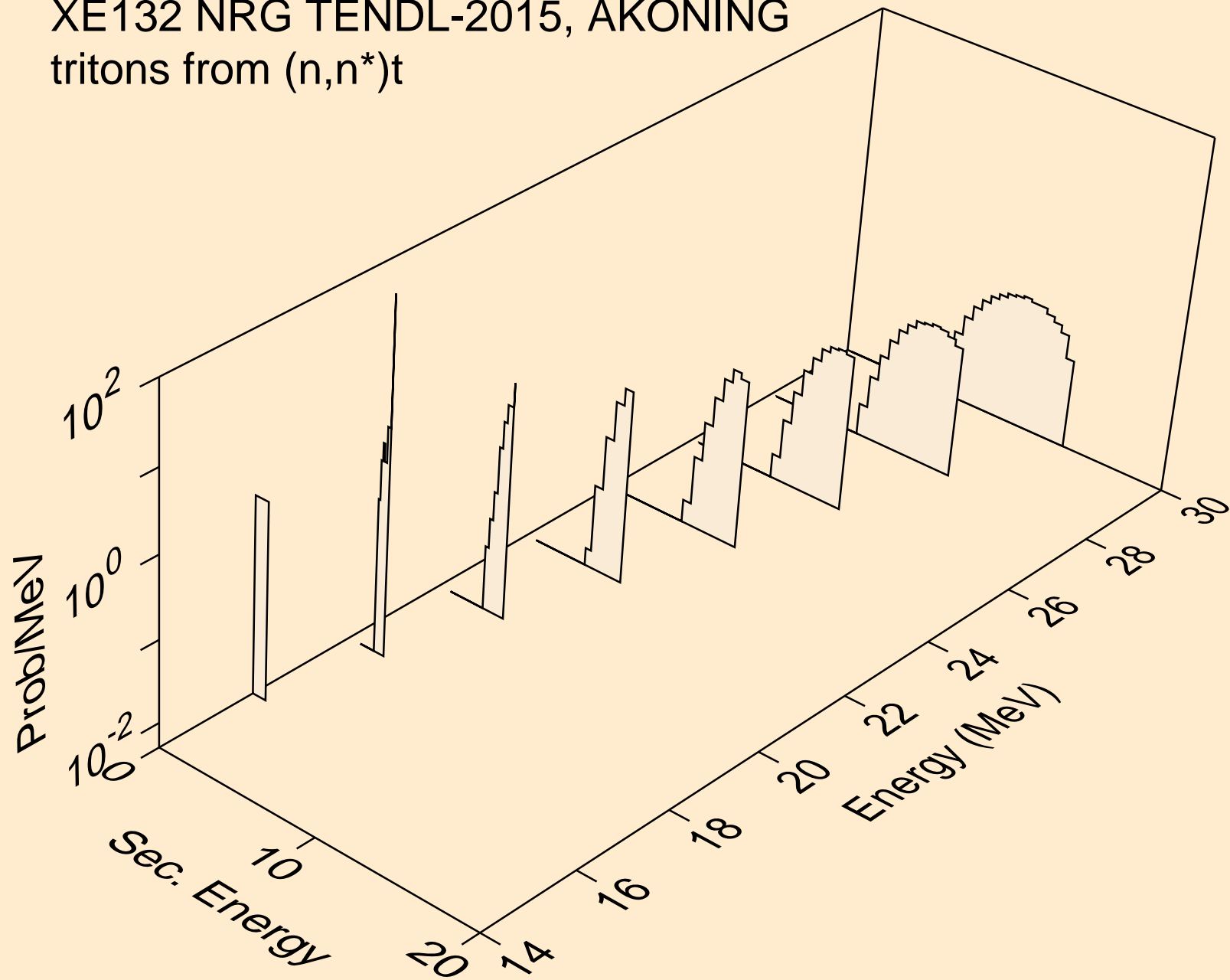
XE132 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



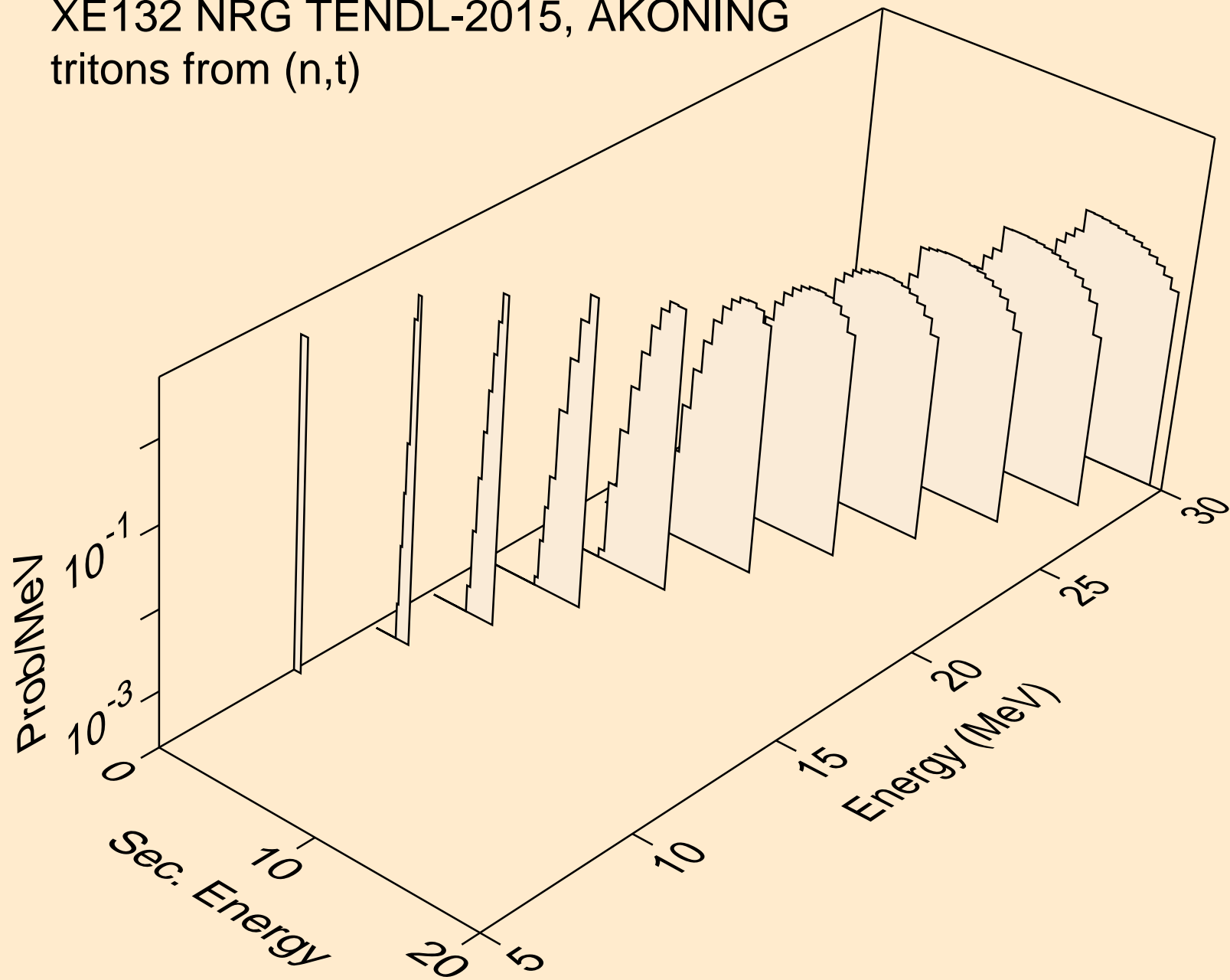
XE132 NRG TENDL-2015, AKONING  
tritons from (n,x)



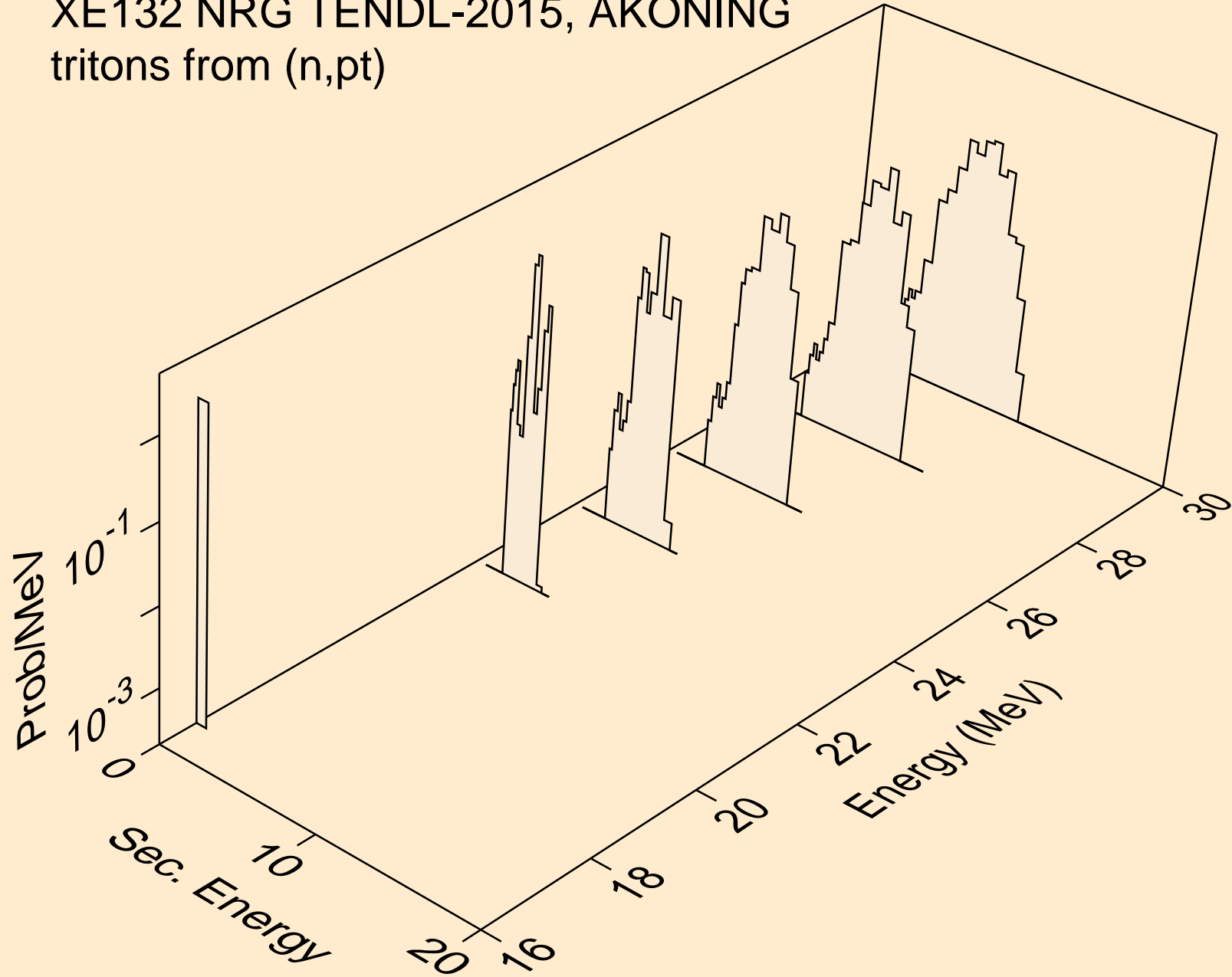
XE132 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



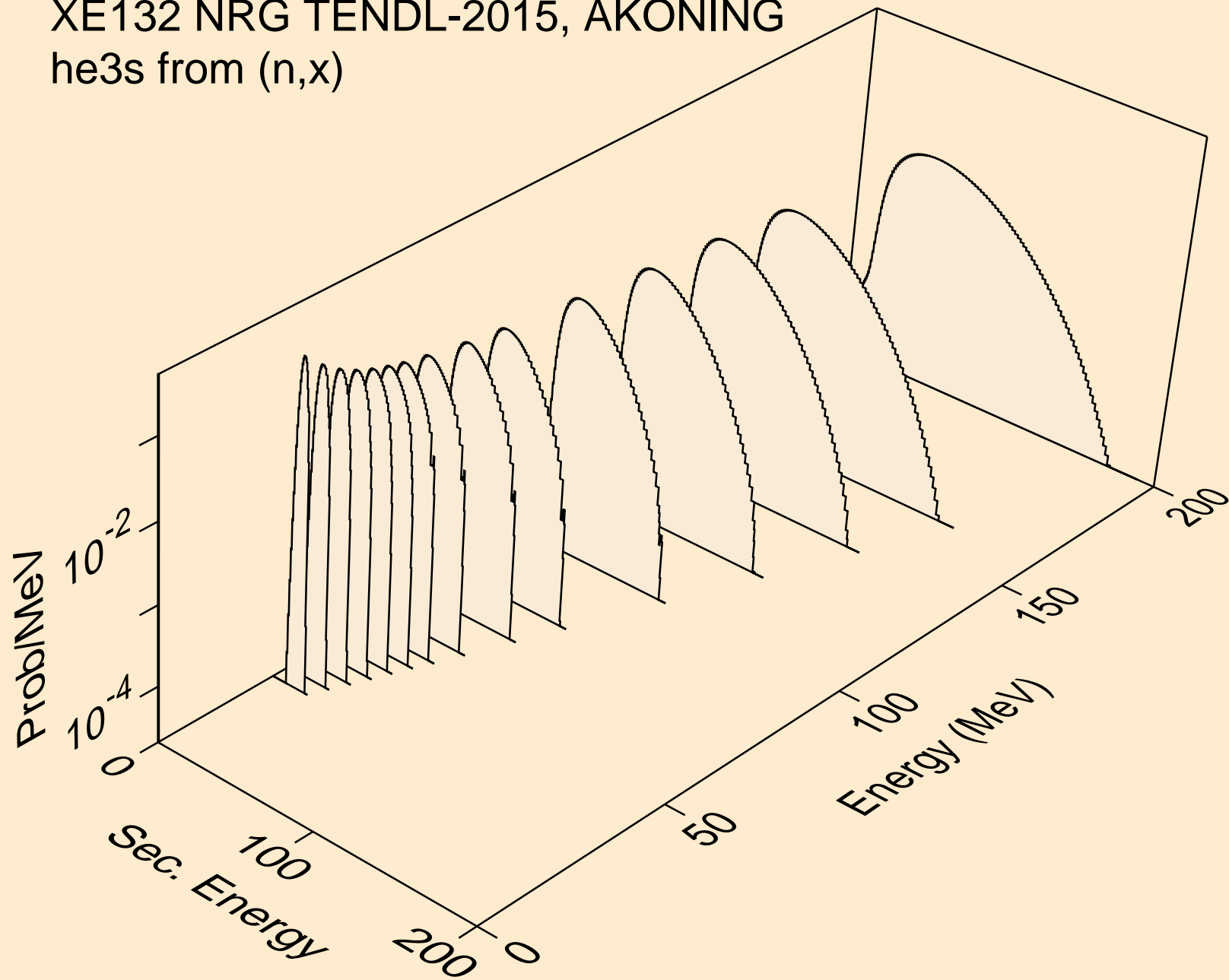
XE132 NRG TENDL-2015, AKONING  
tritons from (n,t)



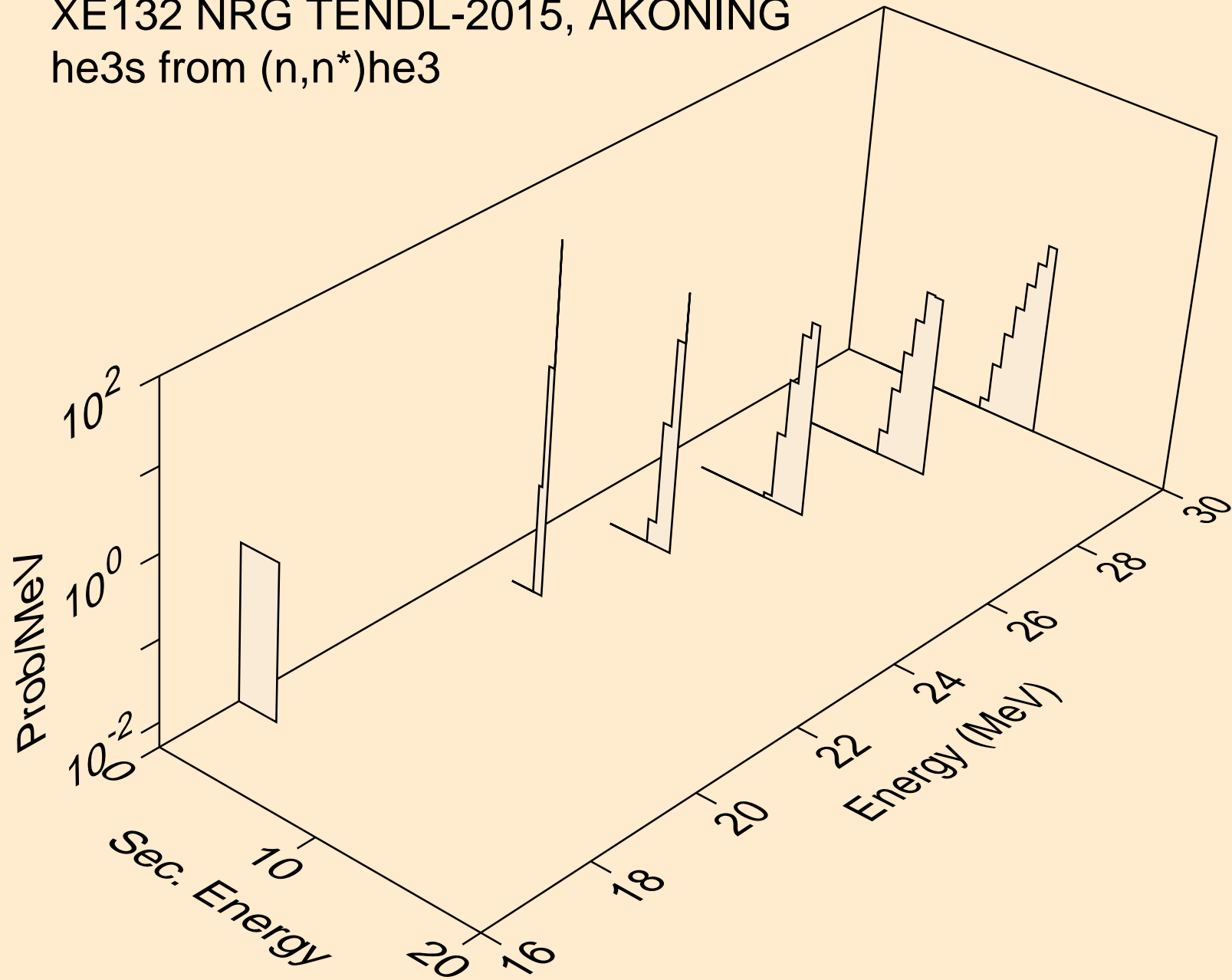
XE132 NRG TENDL-2015, AKONING  
tritons from (n,pt)



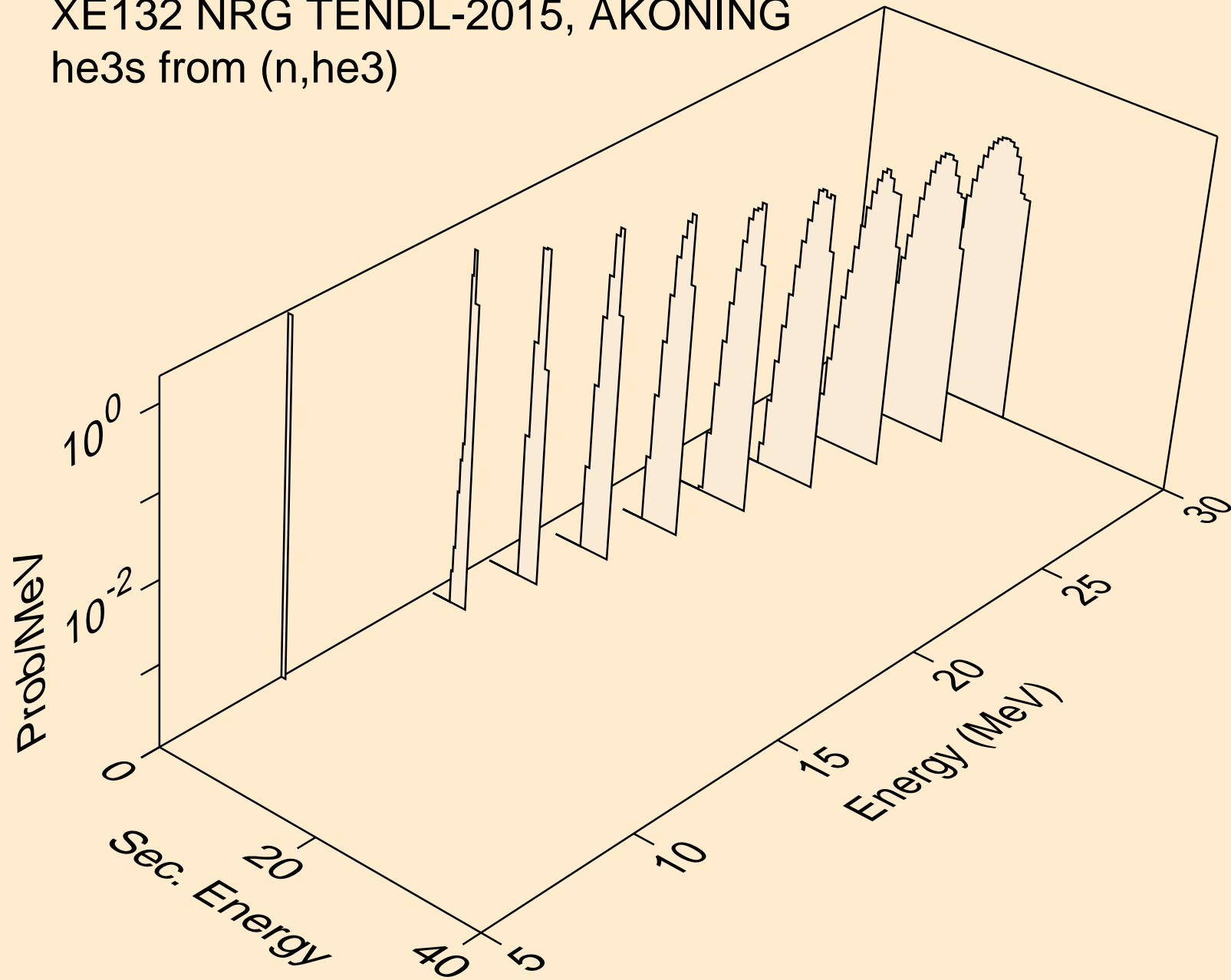
XE132 NRG TENDL-2015, AKONING  
he3s from (n,x)



XE132 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

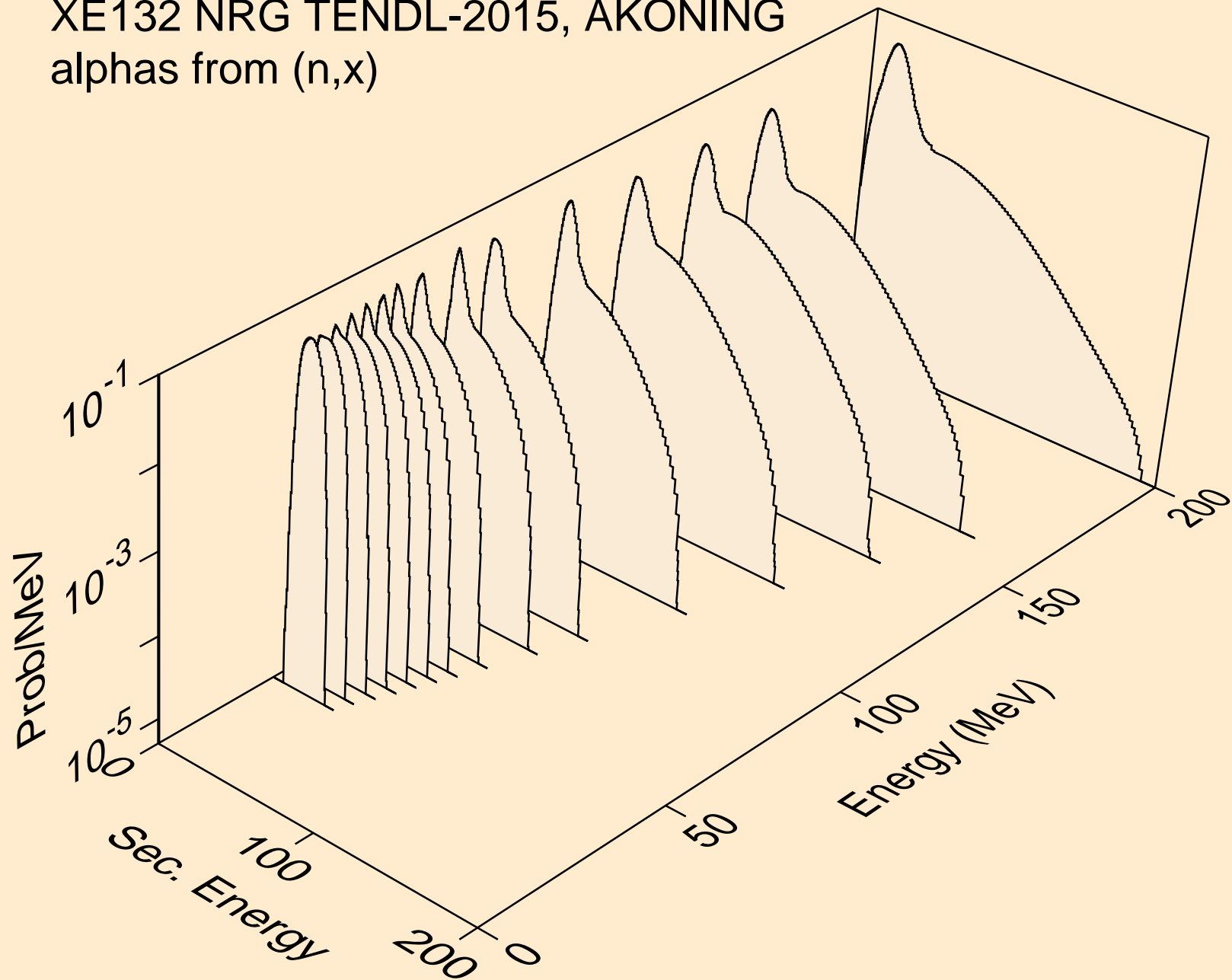


XE132 NRG TENDL-2015, AKONING  
he3s from (n,he3)

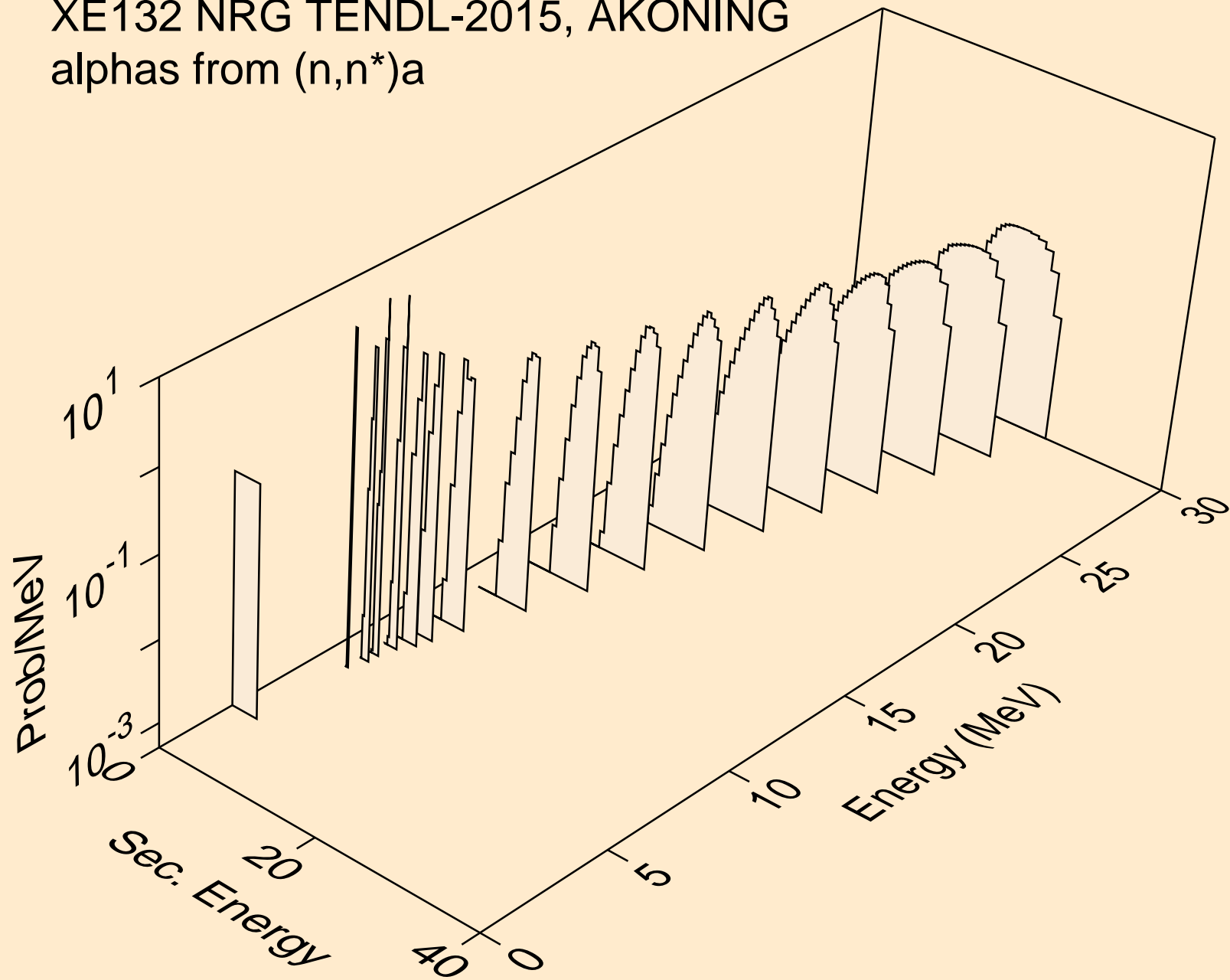




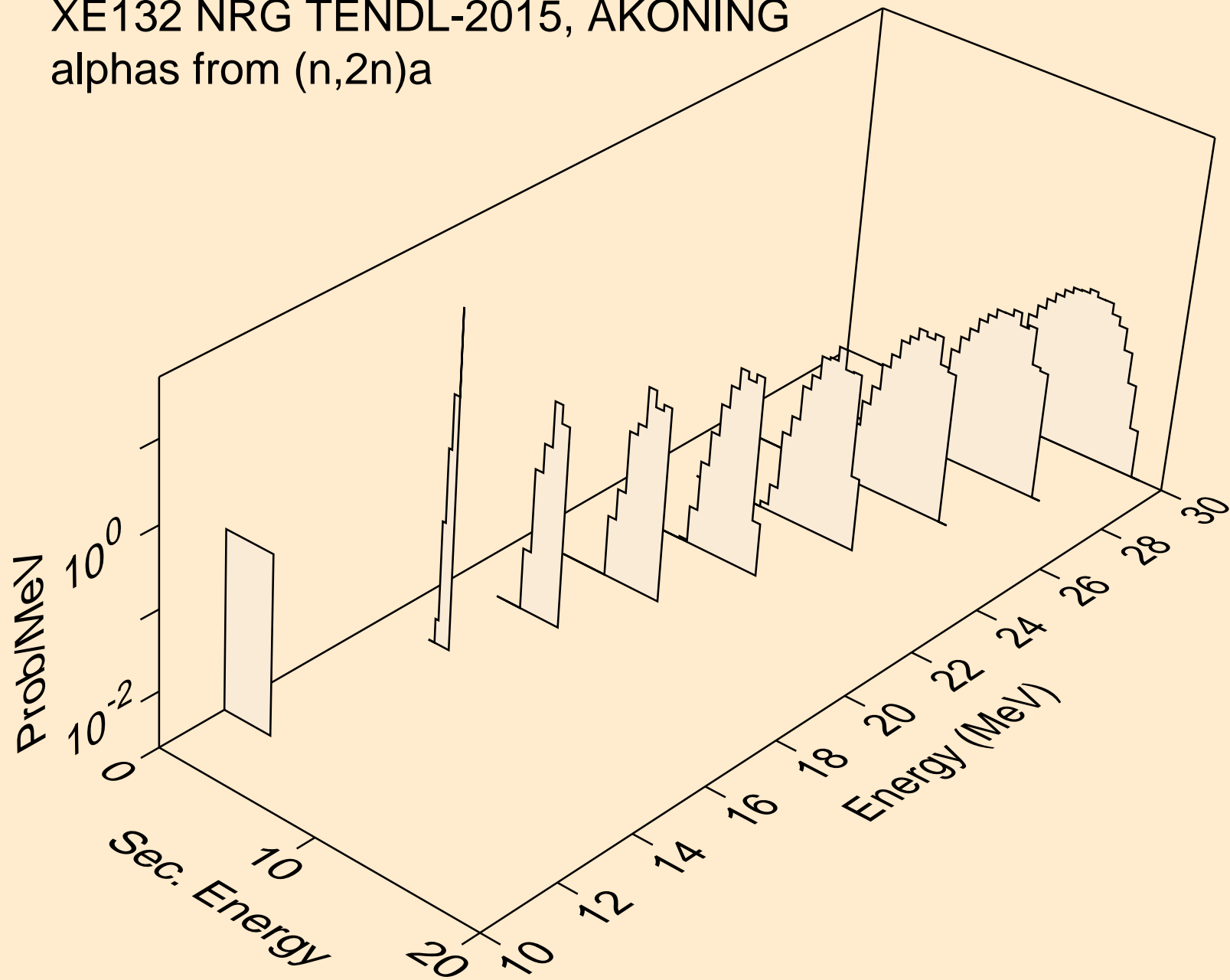
XE132 NRG TENDL-2015, AKONING  
alphas from (n,x)



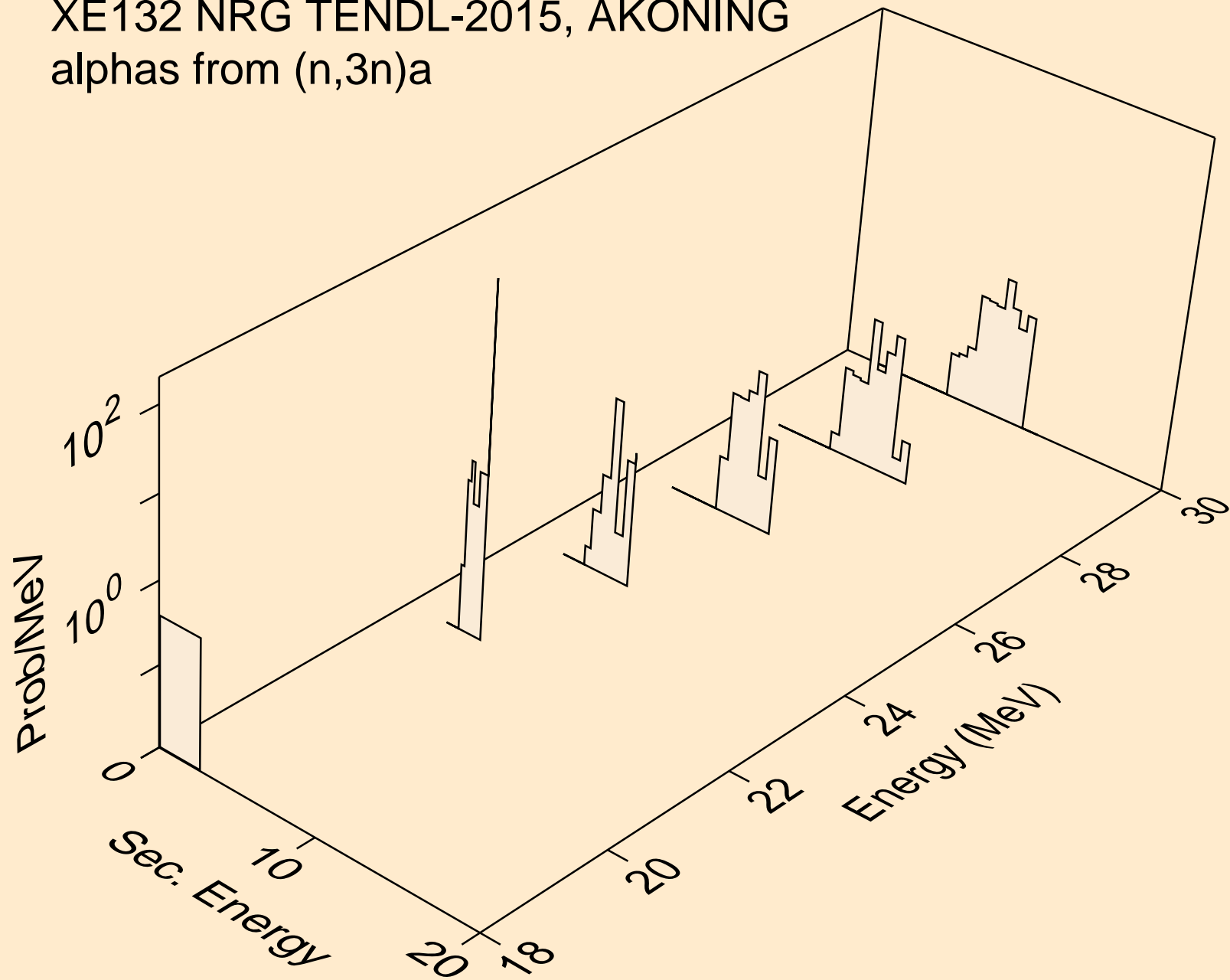
XE132 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



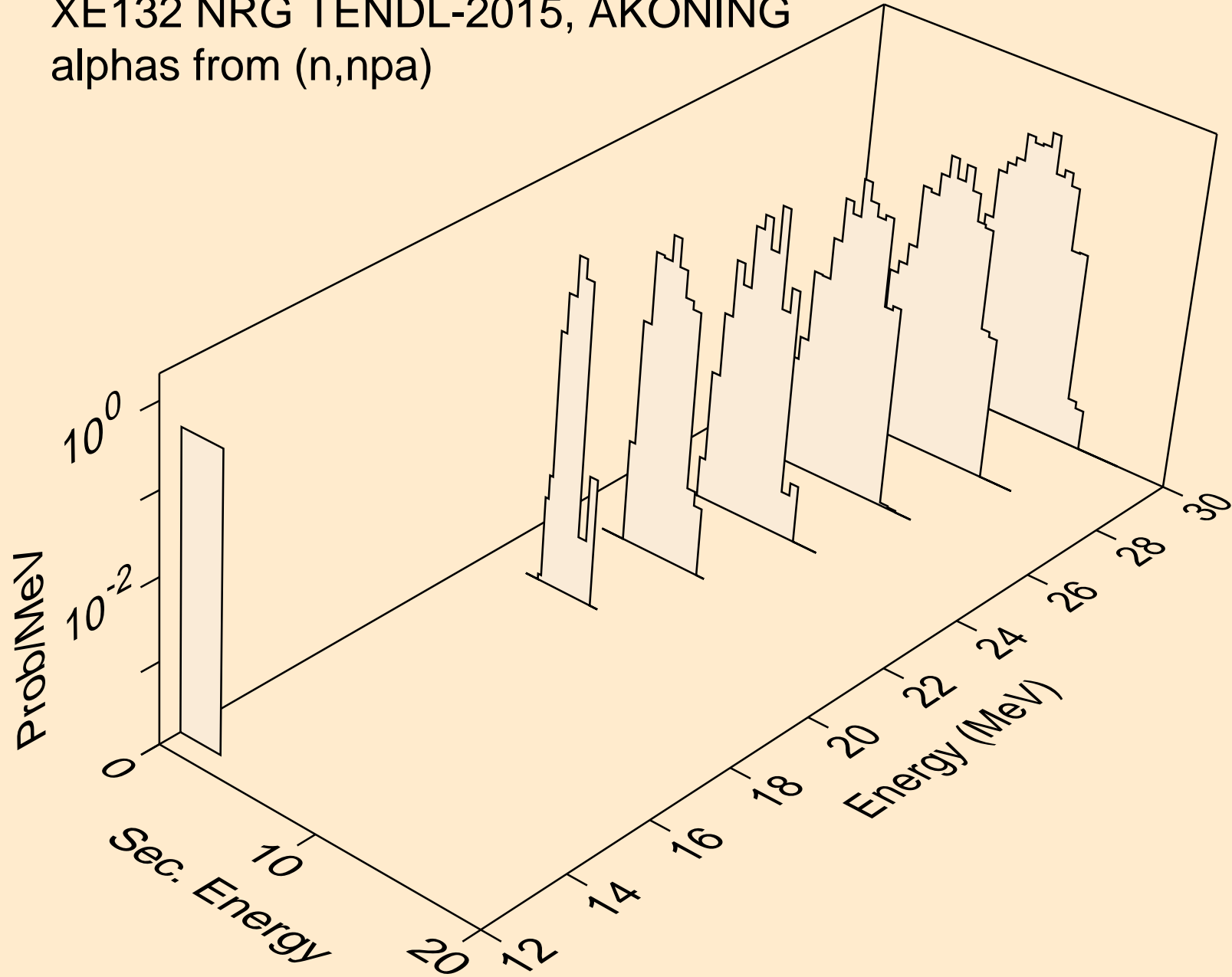
XE132 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



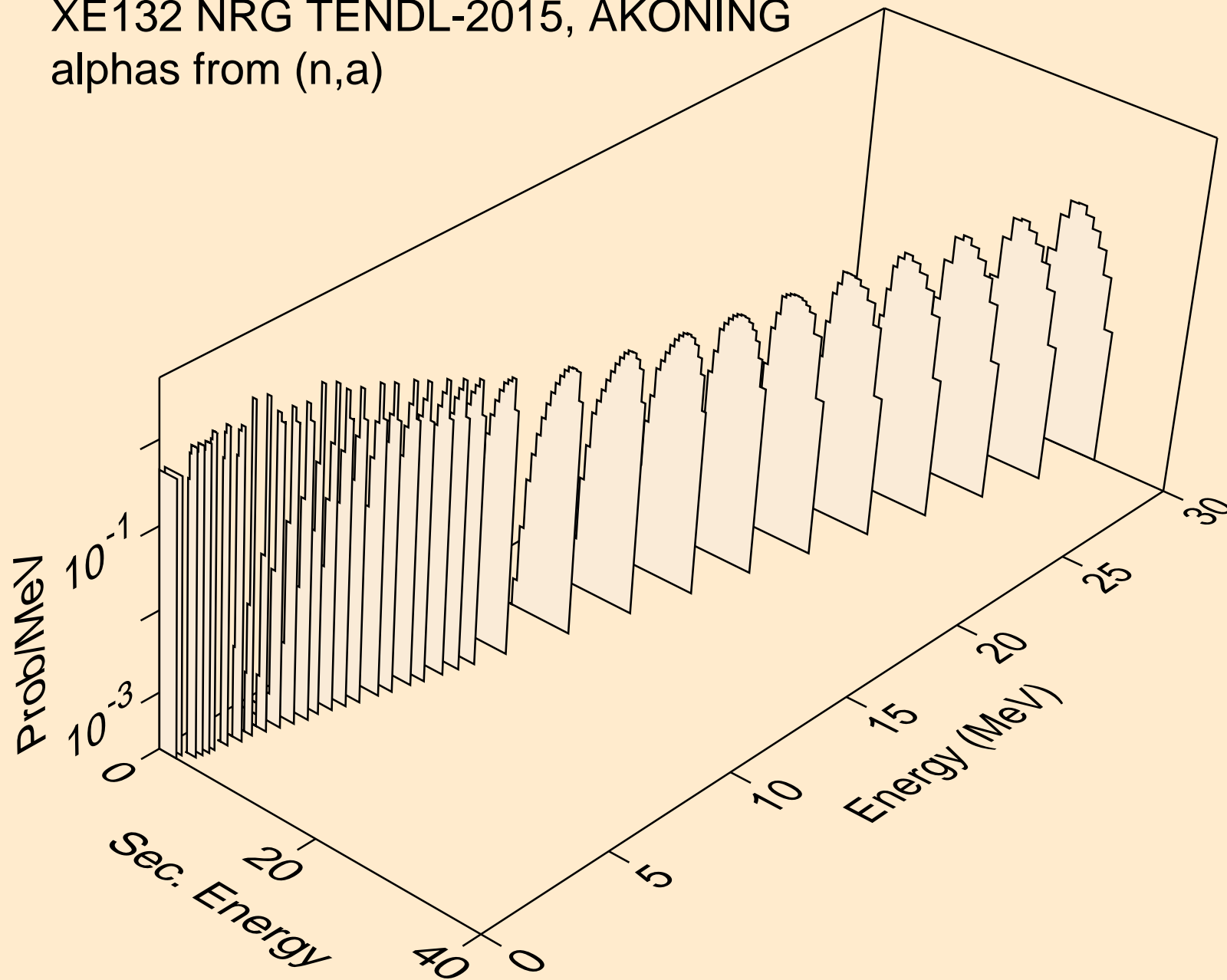
XE132 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



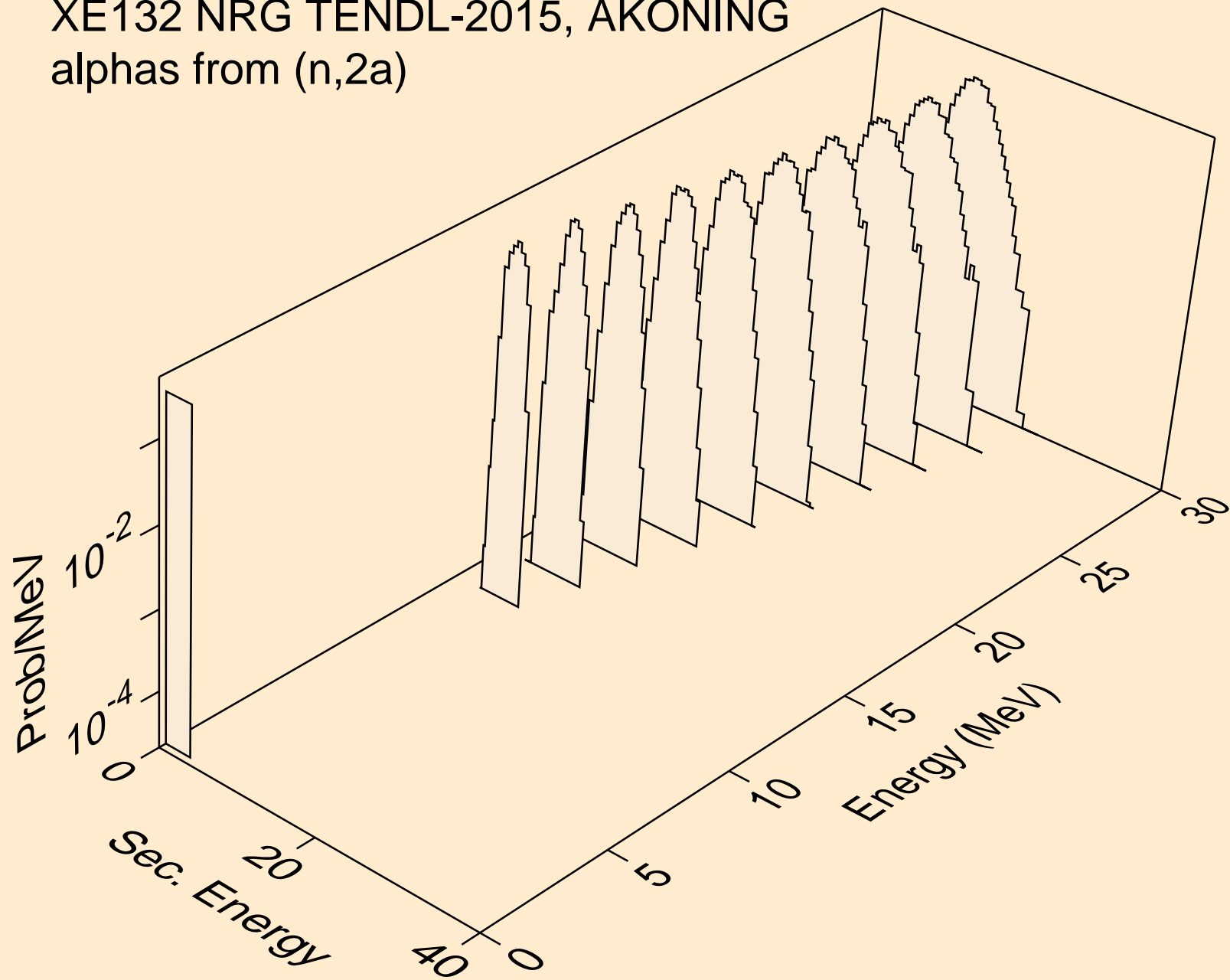
XE132 NRG TENDL-2015, AKONING  
alphas from (n,npa)



XE132 NRG TENDL-2015, AKONING  
alphas from (n,a)



XE132 NRG TENDL-2015, AKONING  
alphas from (n,2a)



XE132 NRG TENDL-2015, AKONING  
alphas from (n,pa)

