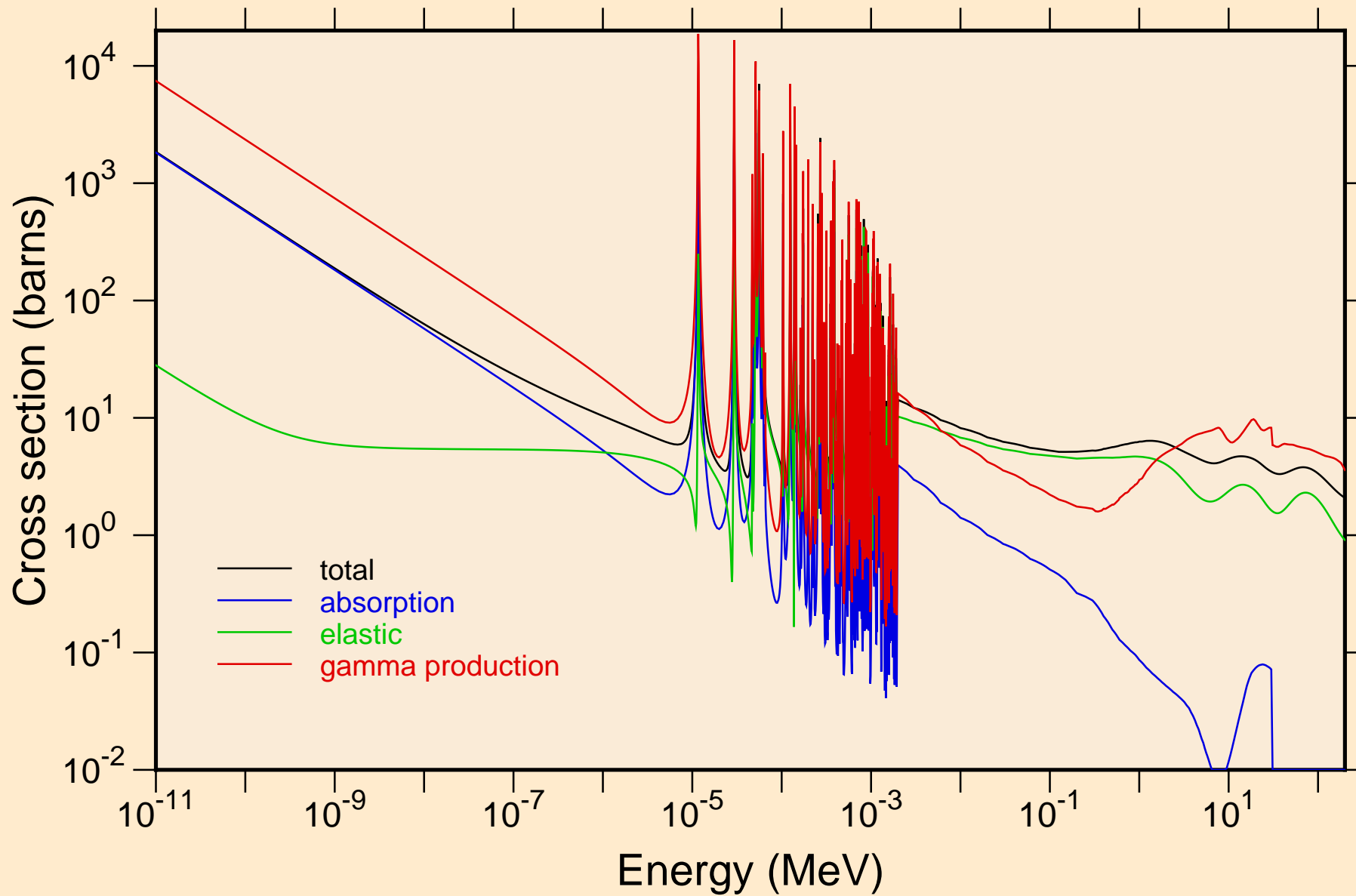
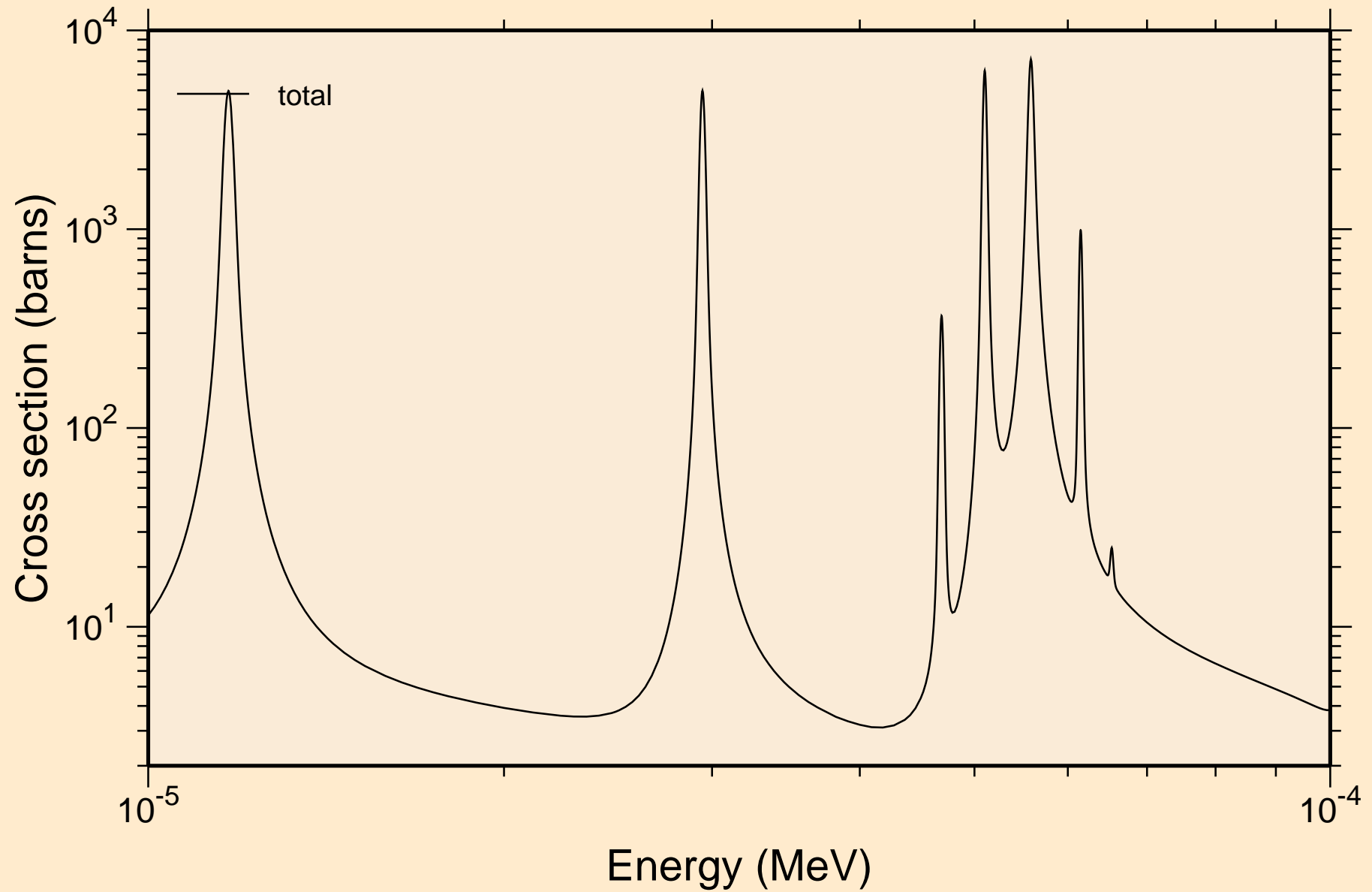


# XE127 NRG TENDL-2015, AKONING

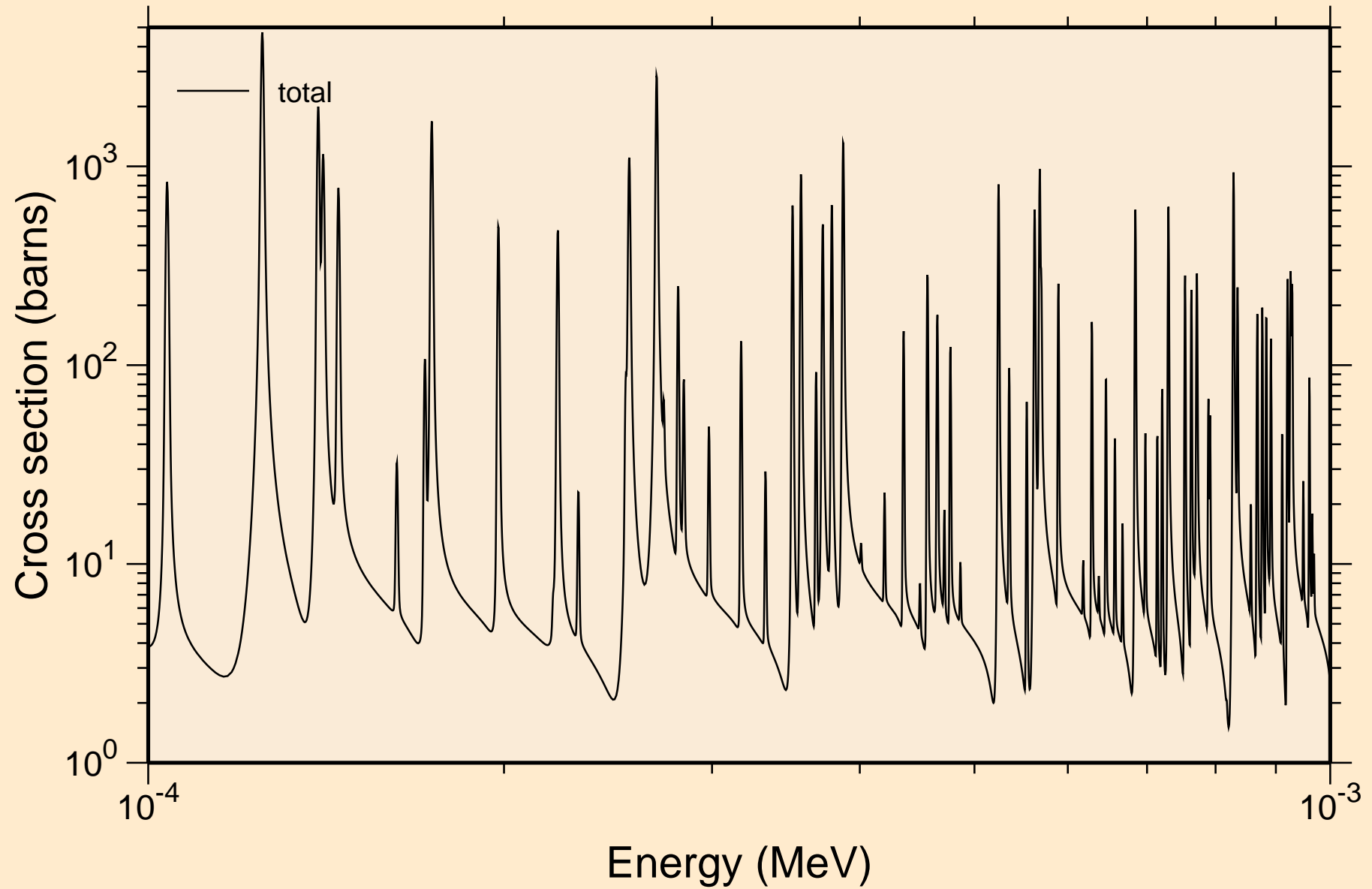
## Principal cross sections



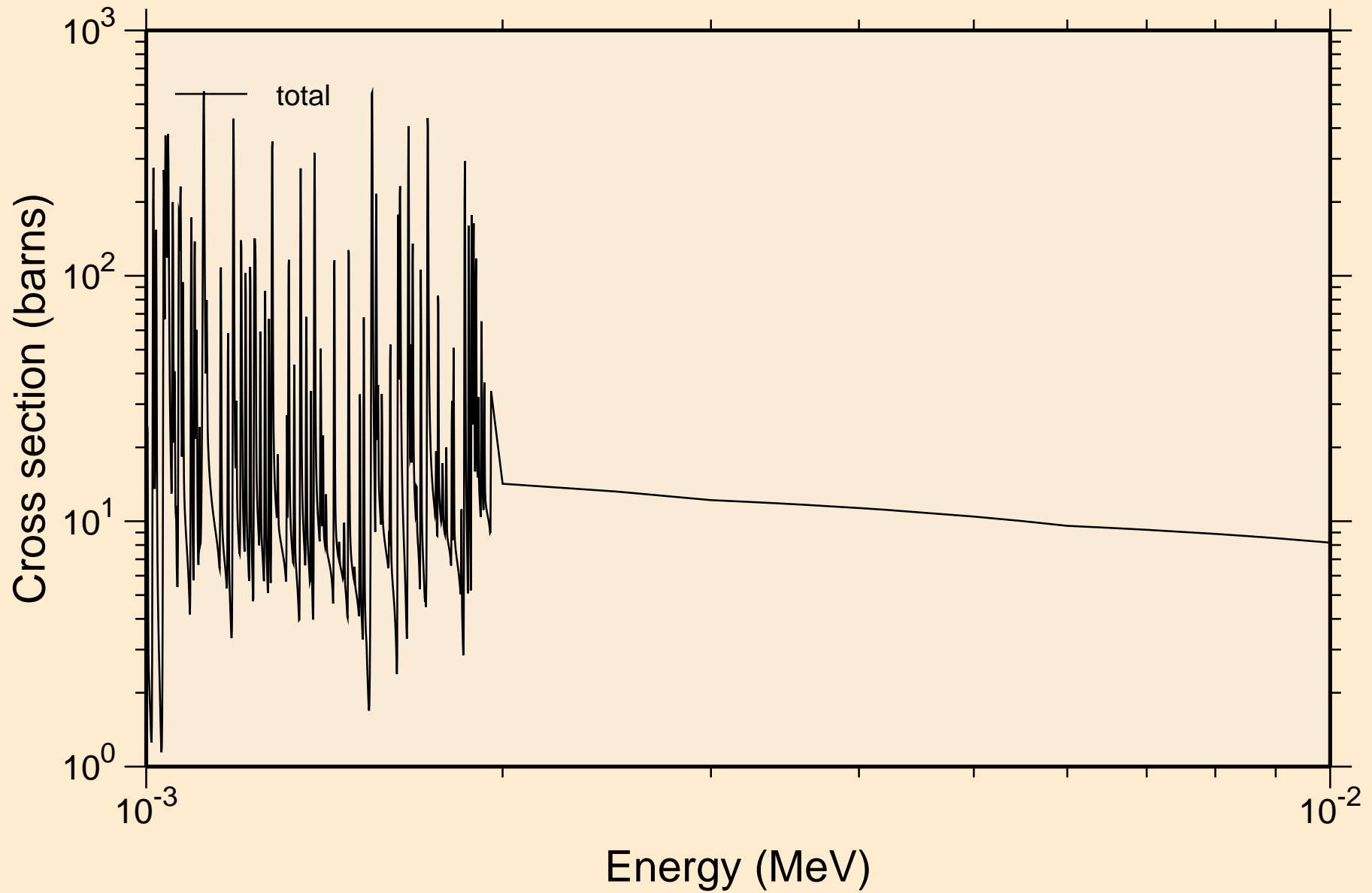
XE127 NRG TENDL-2015, AKONING  
resonance total cross section



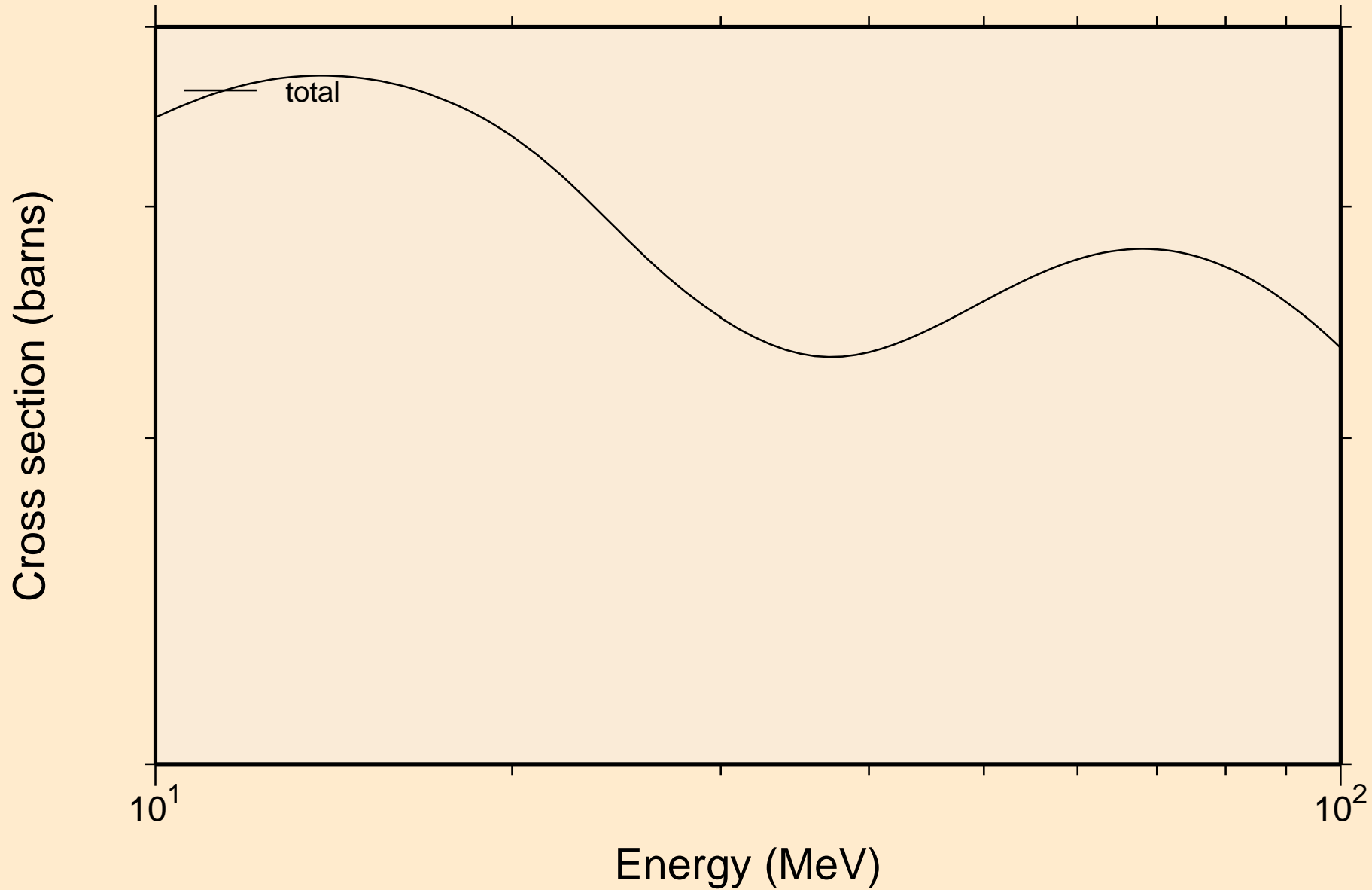
XE127 NRG TENDL-2015, AKONING  
resonance total cross section



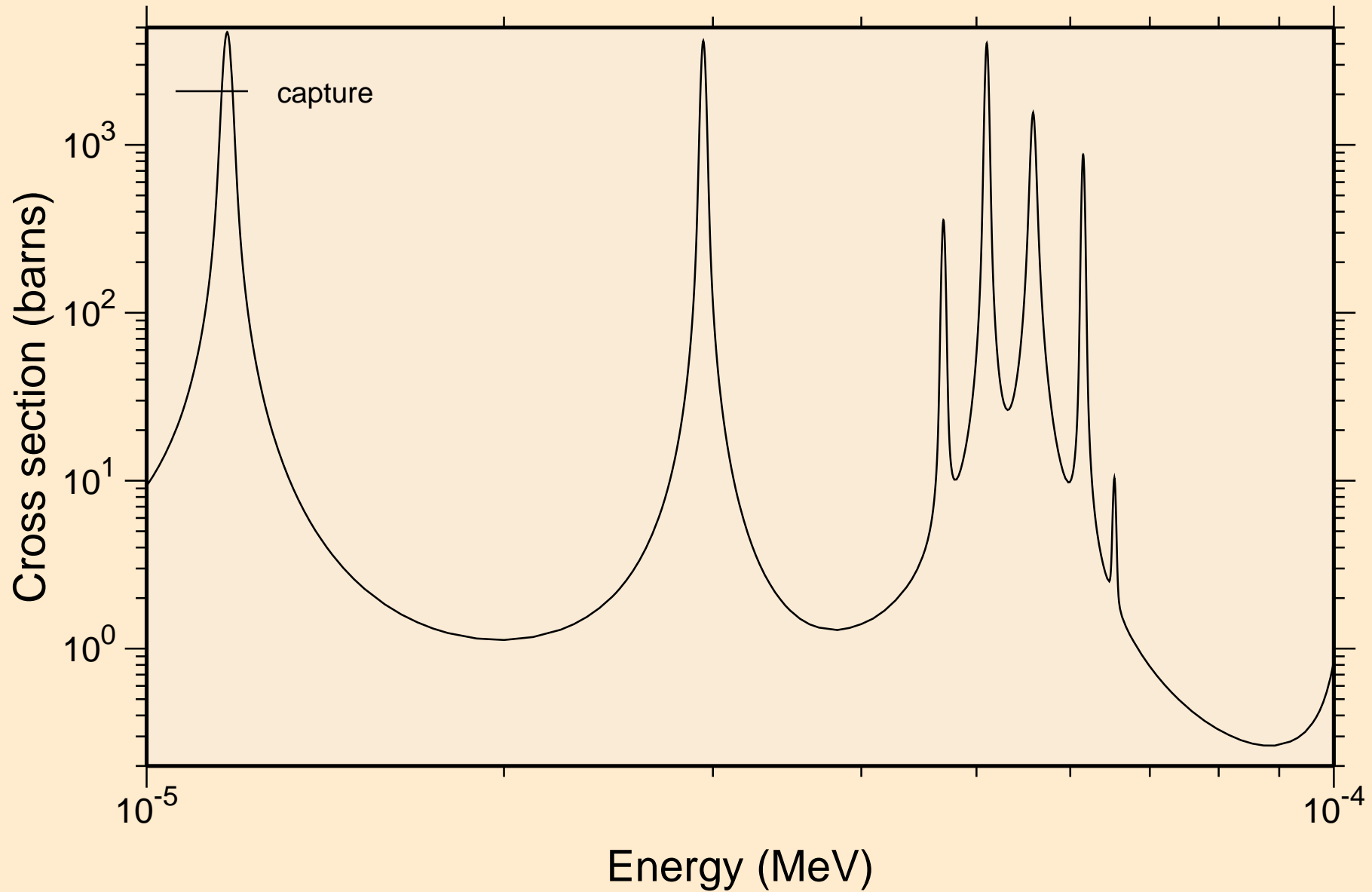
XE127 NRG TENDL-2015, AKONING  
resonance total cross section



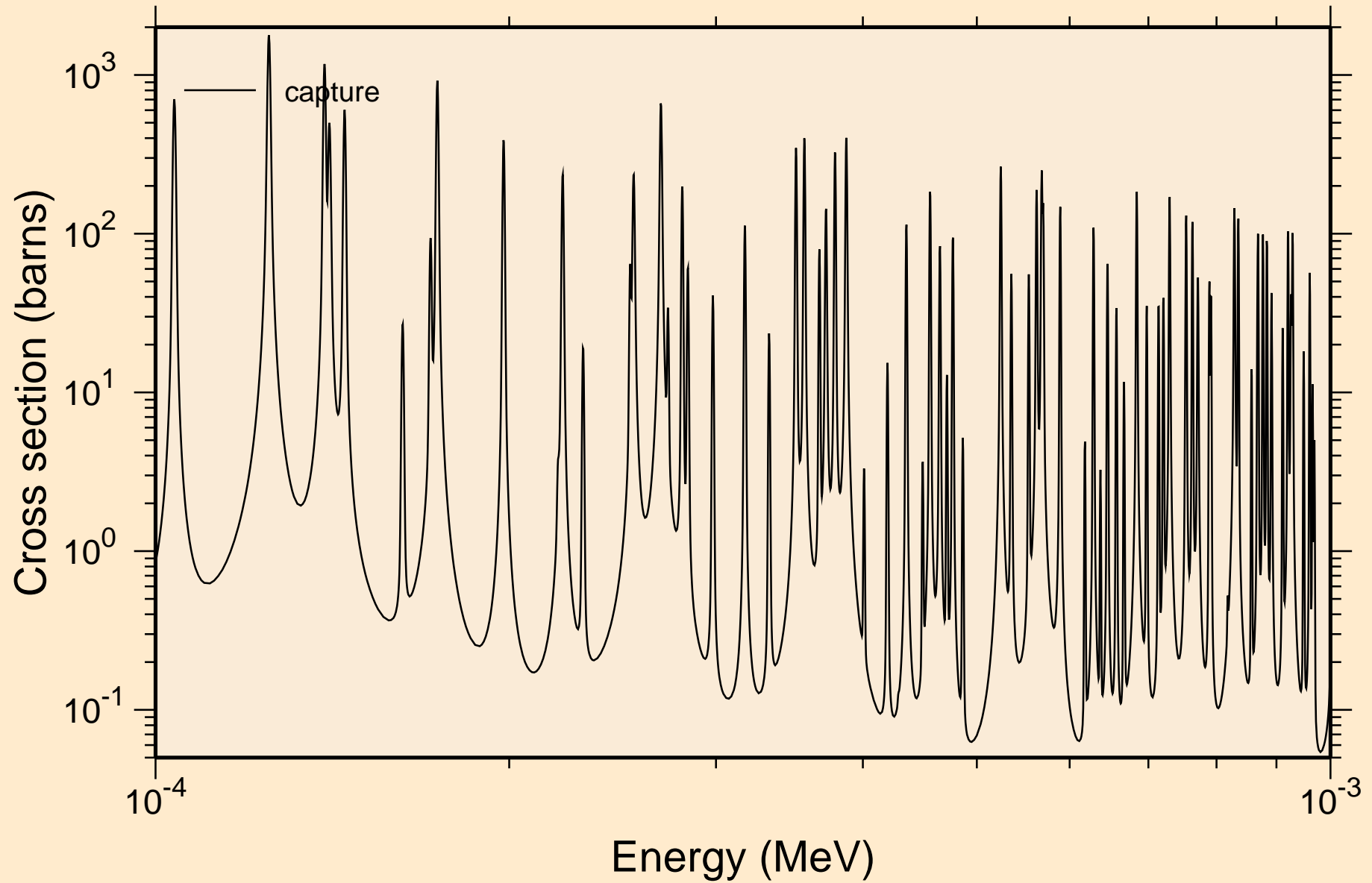
XE127 NRG TENDL-2015, AKONING  
resonance total cross section



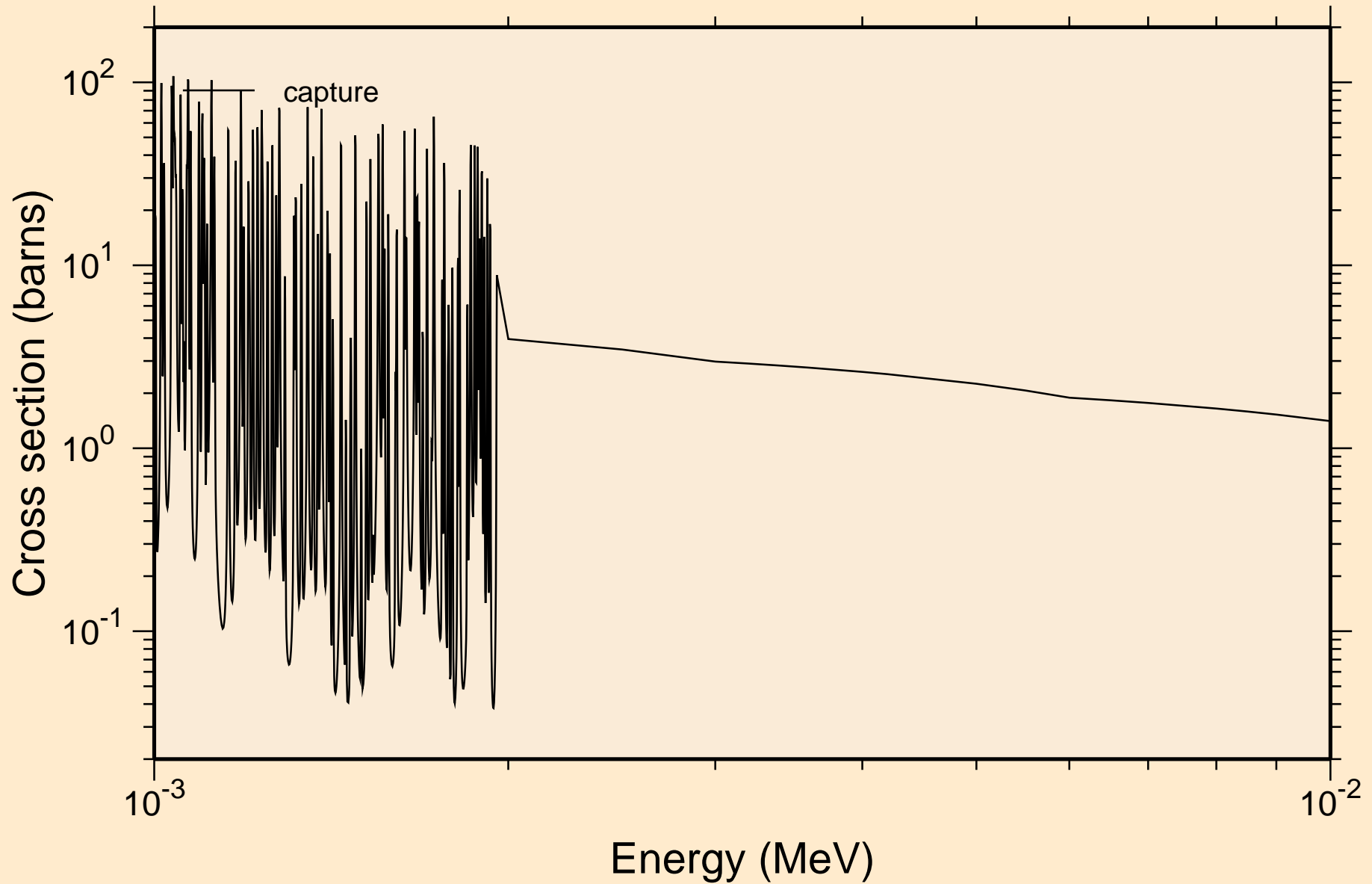
XE127 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# XE127 NRG TENDL-2015, AKONING resonance absorption cross sections

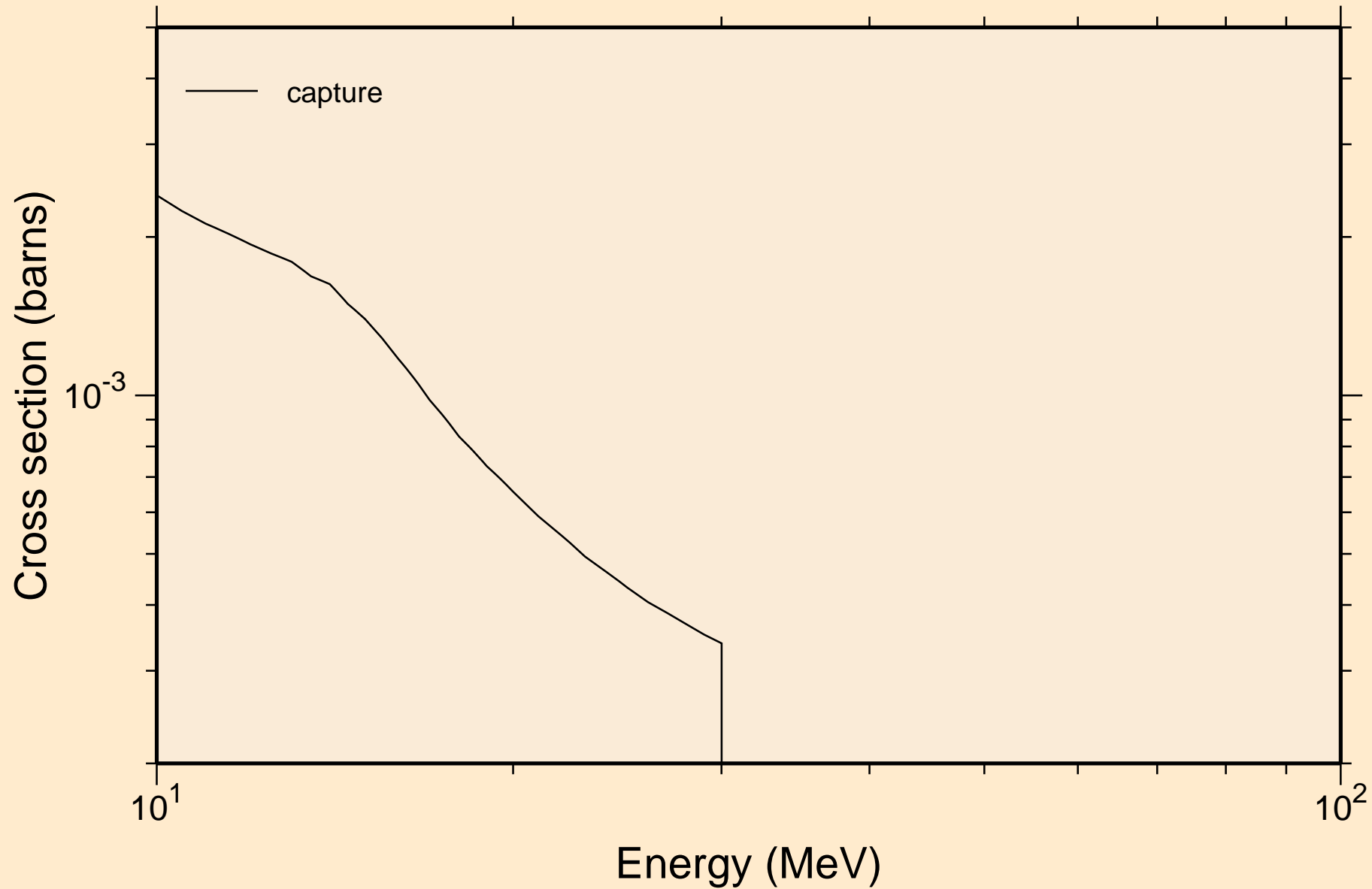


XE127 NRG TENDL-2015, AKONING  
resonance absorption cross sections



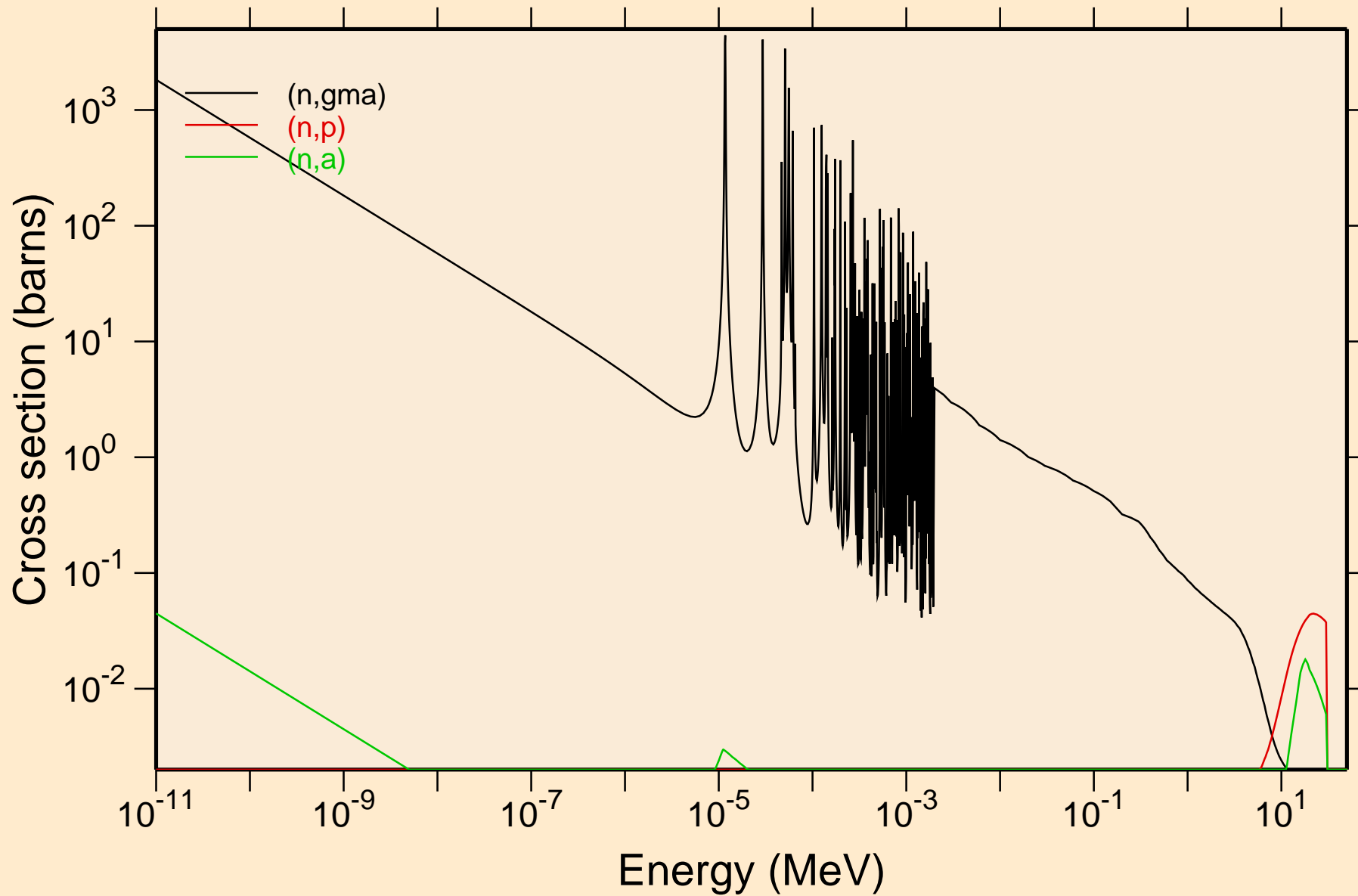


XE127 NRG TENDL-2015, AKONING  
resonance absorption cross sections



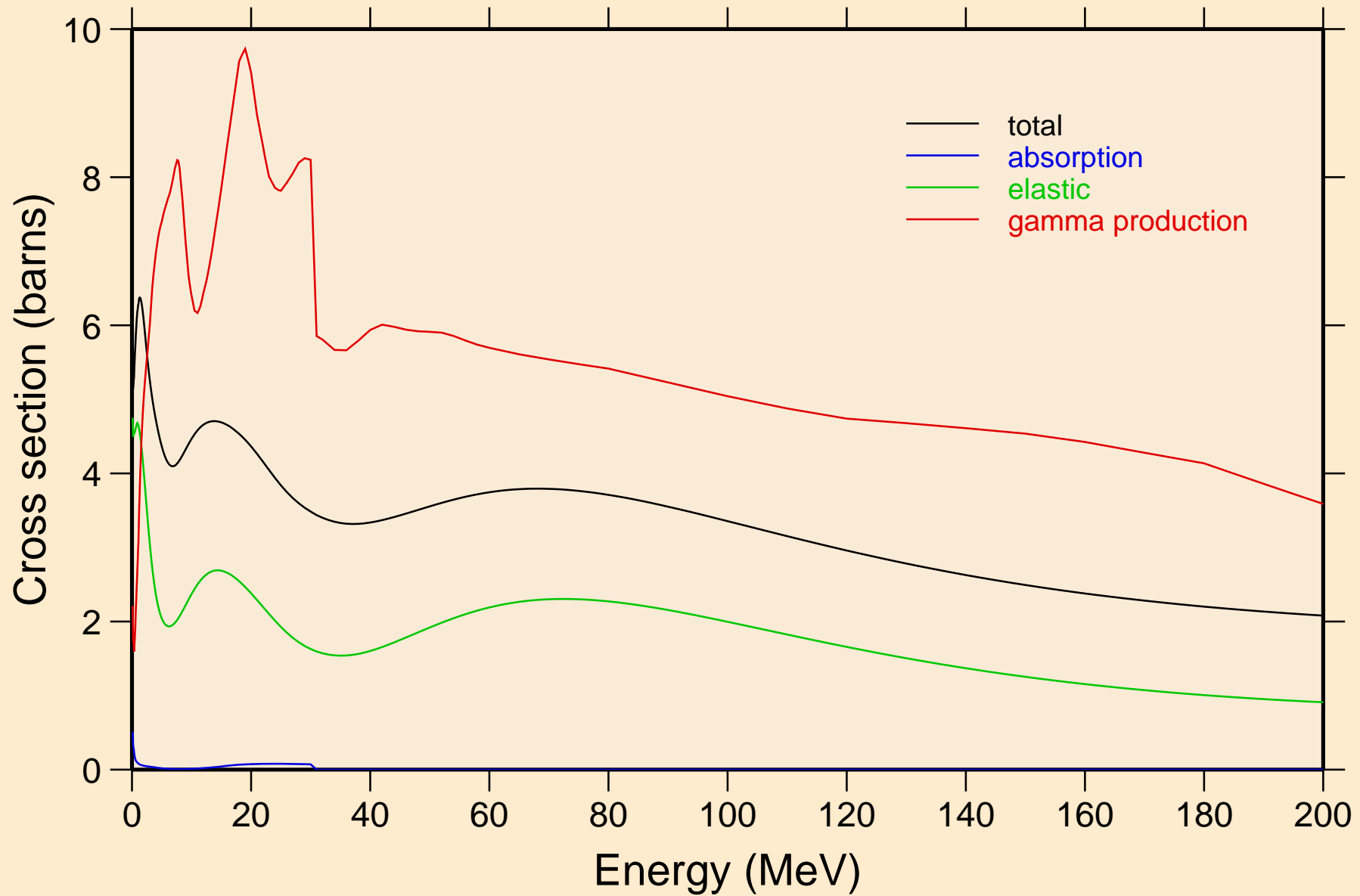
# XE127 NRG TENDL-2015, AKONING

## Non-threshold reactions



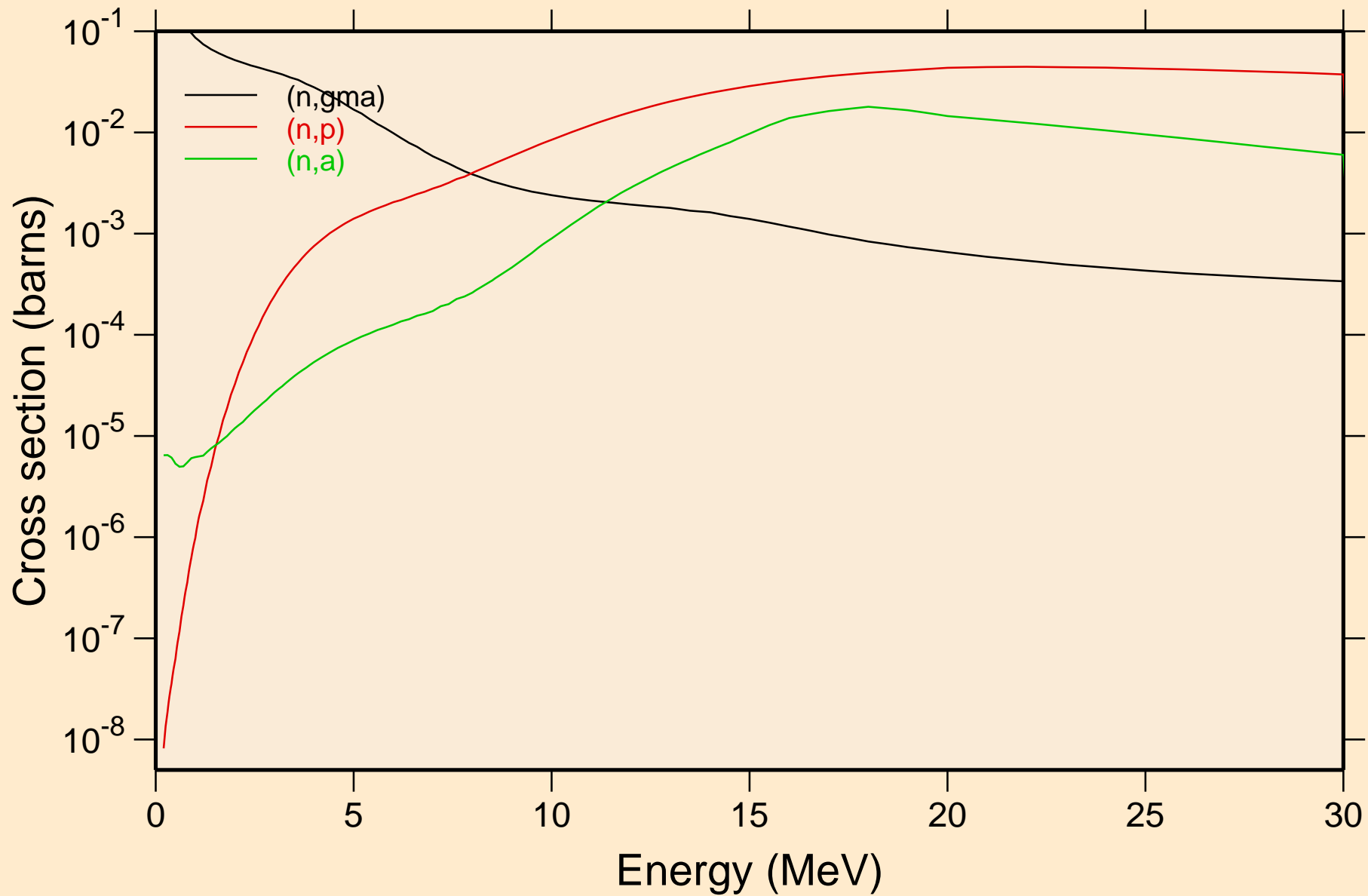
# XE127 NRG TENDL-2015, AKONING

## Principal cross sections



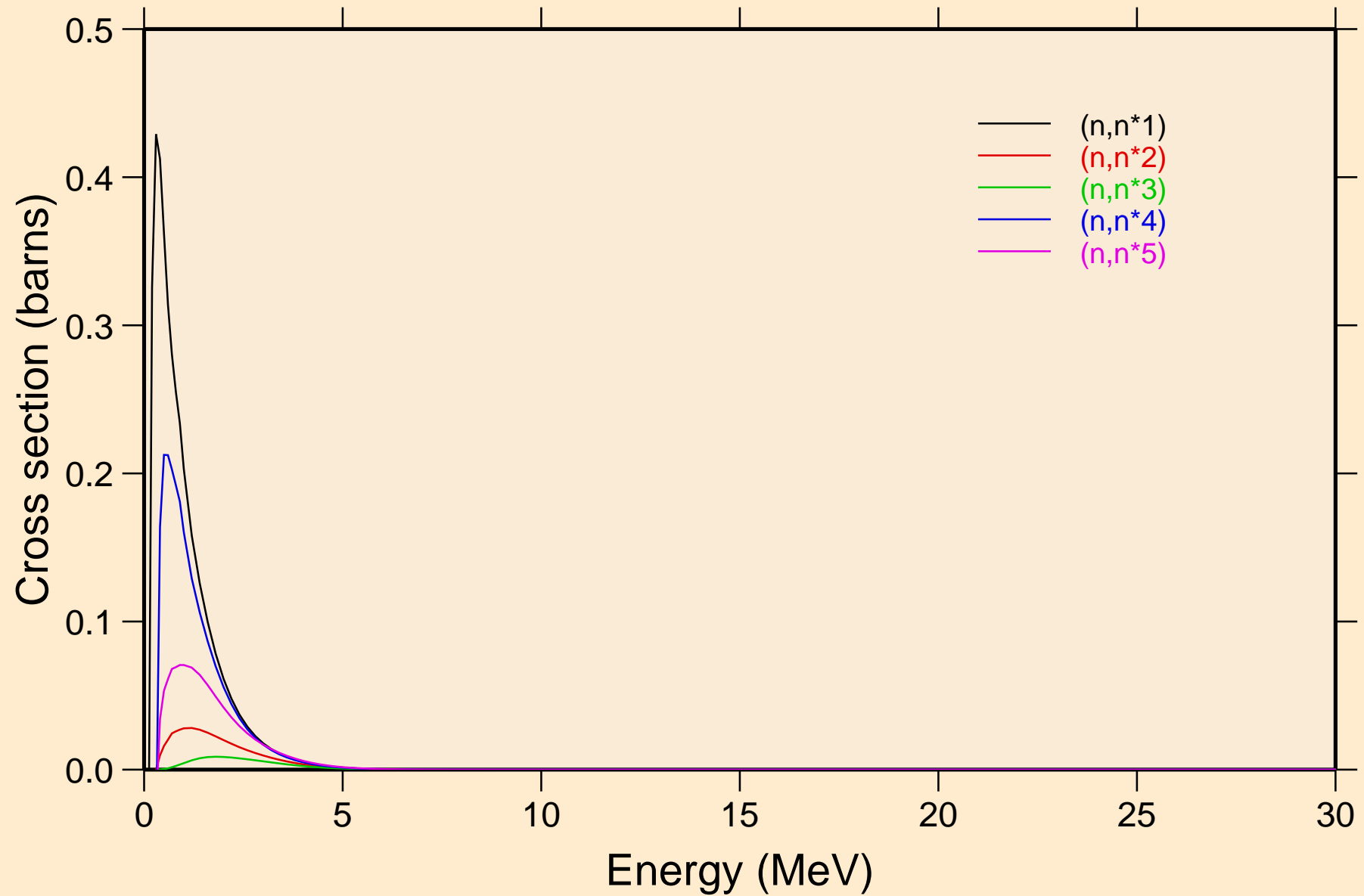
# XE127 NRG TENDL-2015, AKONING

## Non-threshold reactions



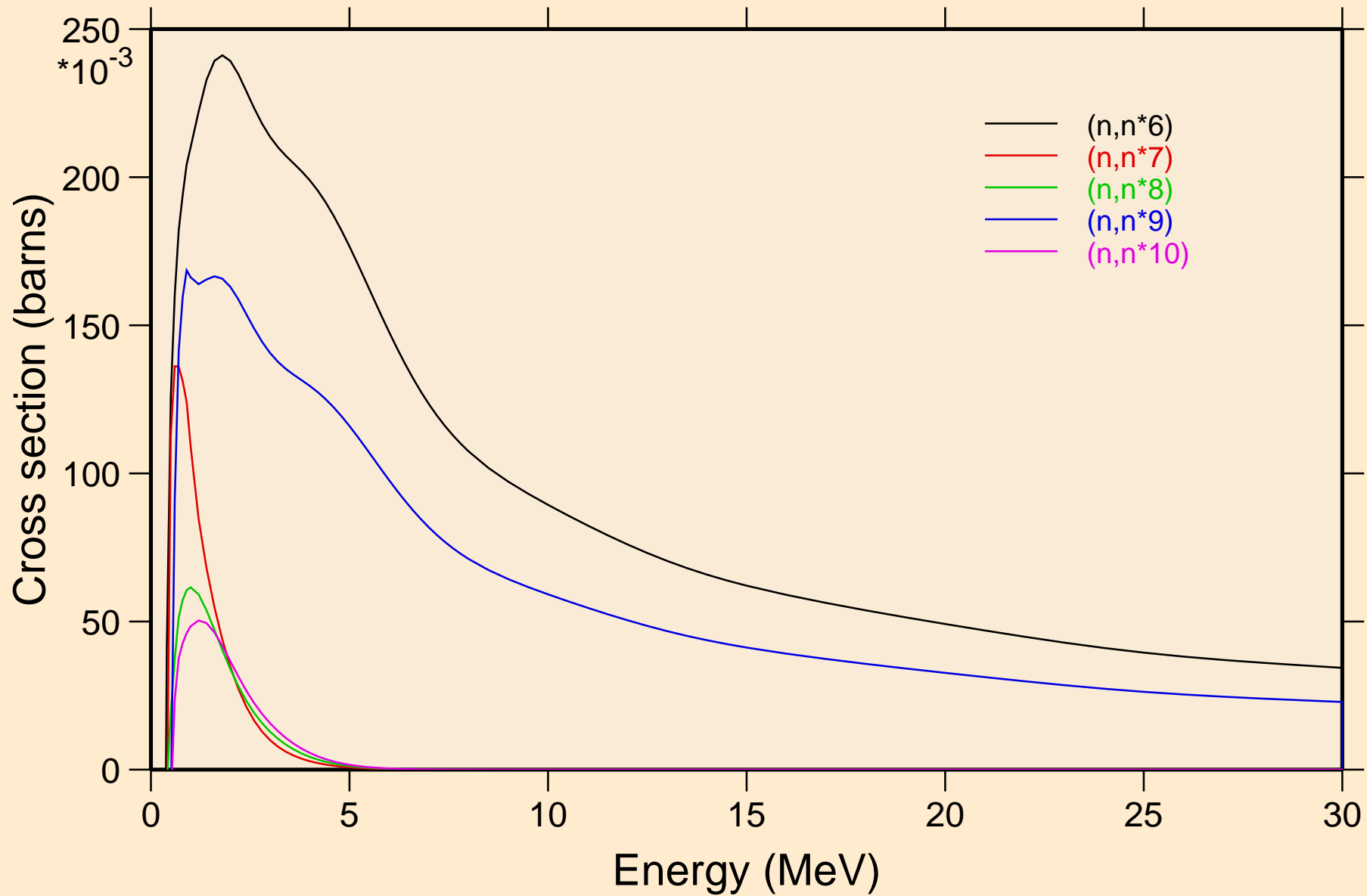
# XE127 NRG TENDL-2015, AKONING

## Inelastic levels



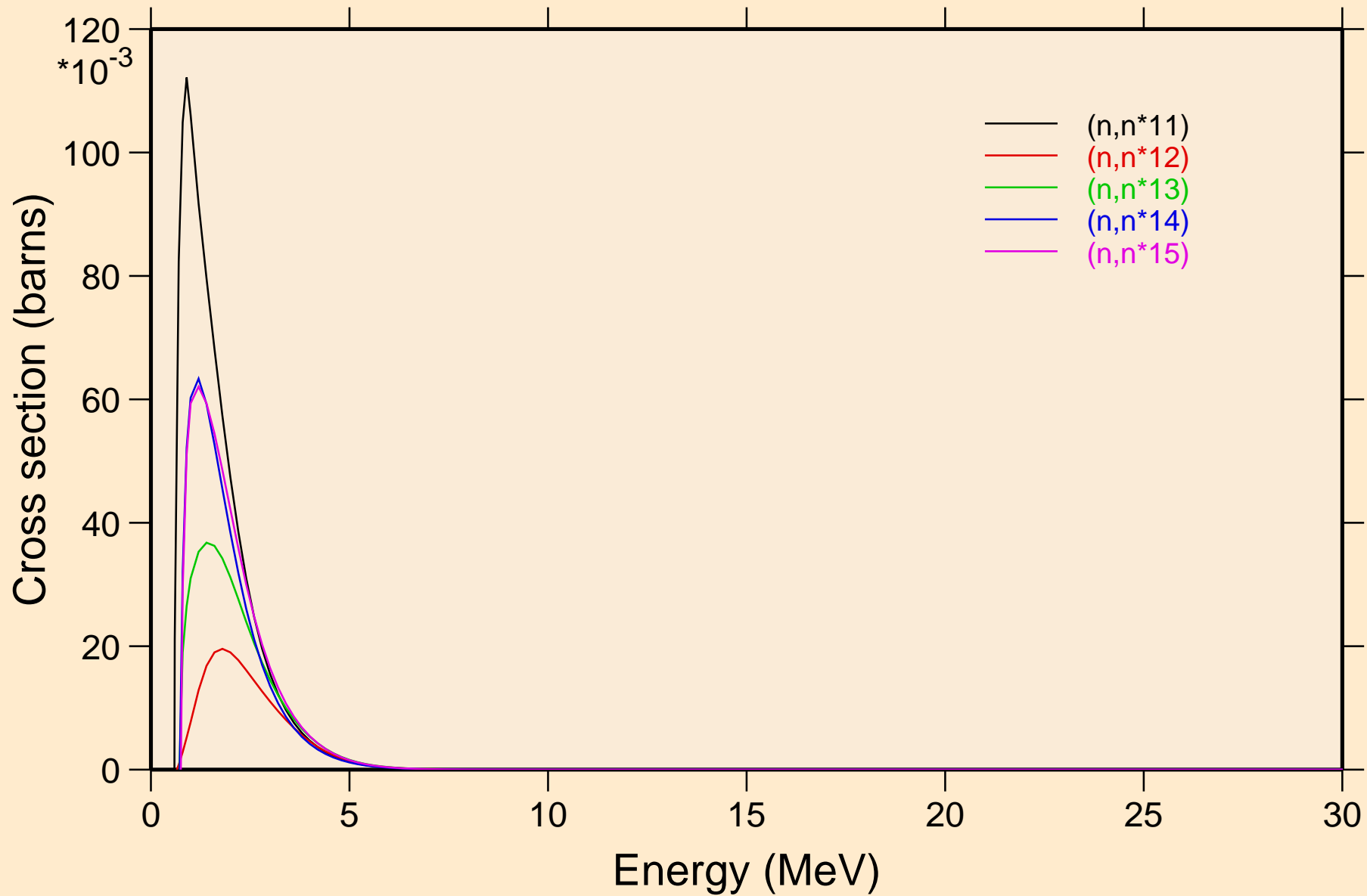
# XE127 NRG TENDL-2015, AKONING

## Inelastic levels



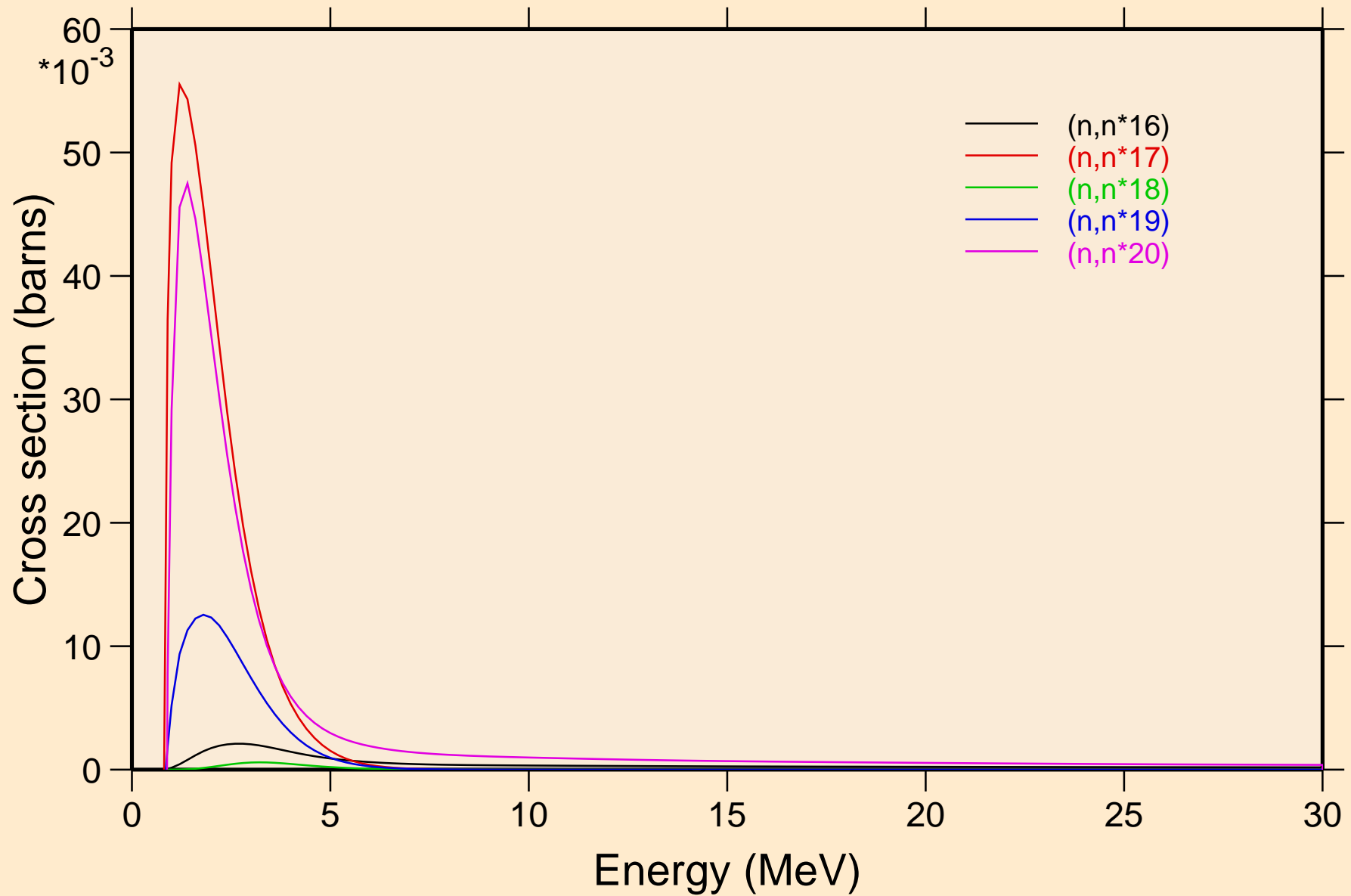
# XE127 NRG TENDL-2015, AKONING

## Inelastic levels



# XE127 NRG TENDL-2015, AKONING

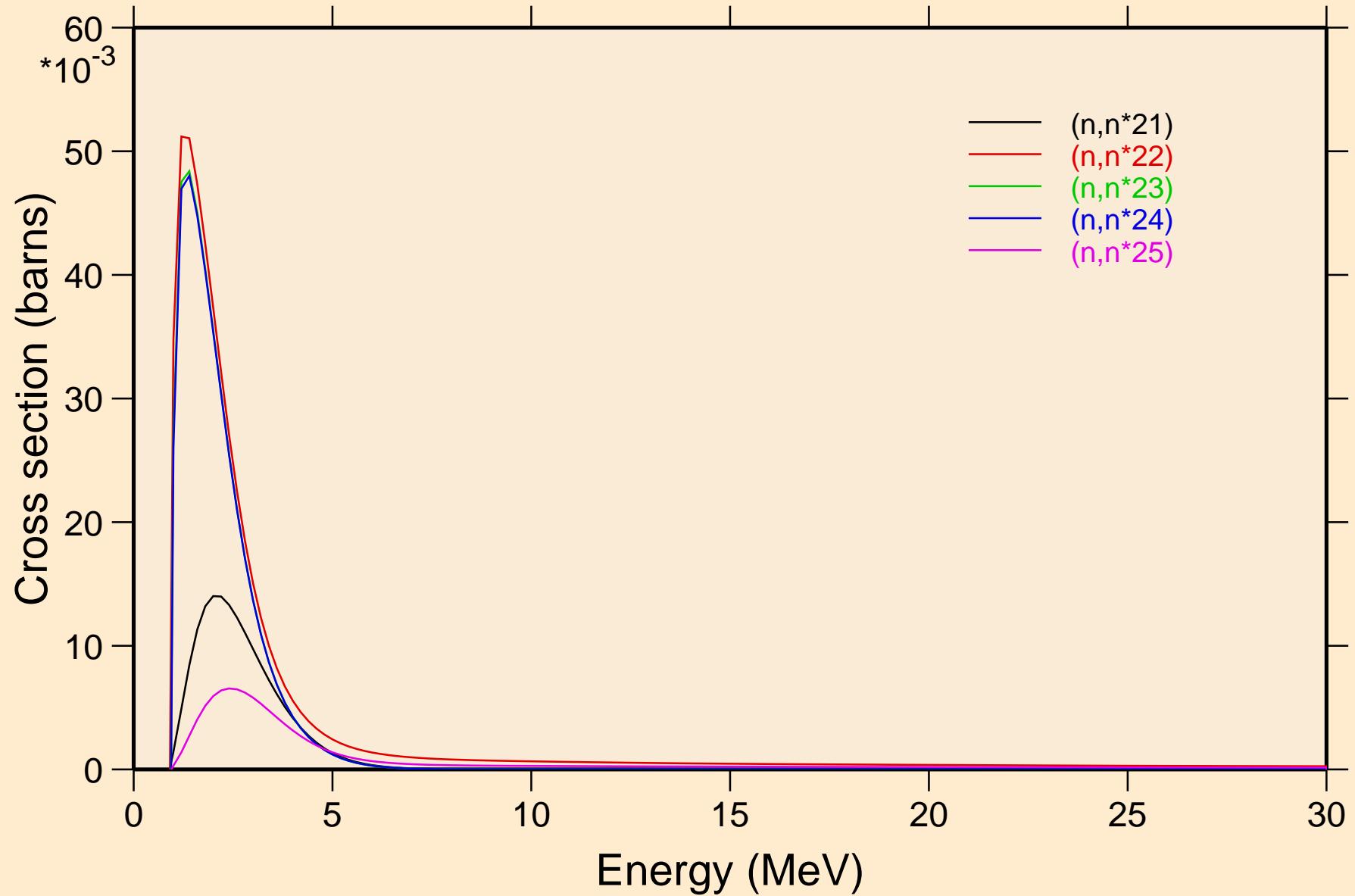
## Inelastic levels





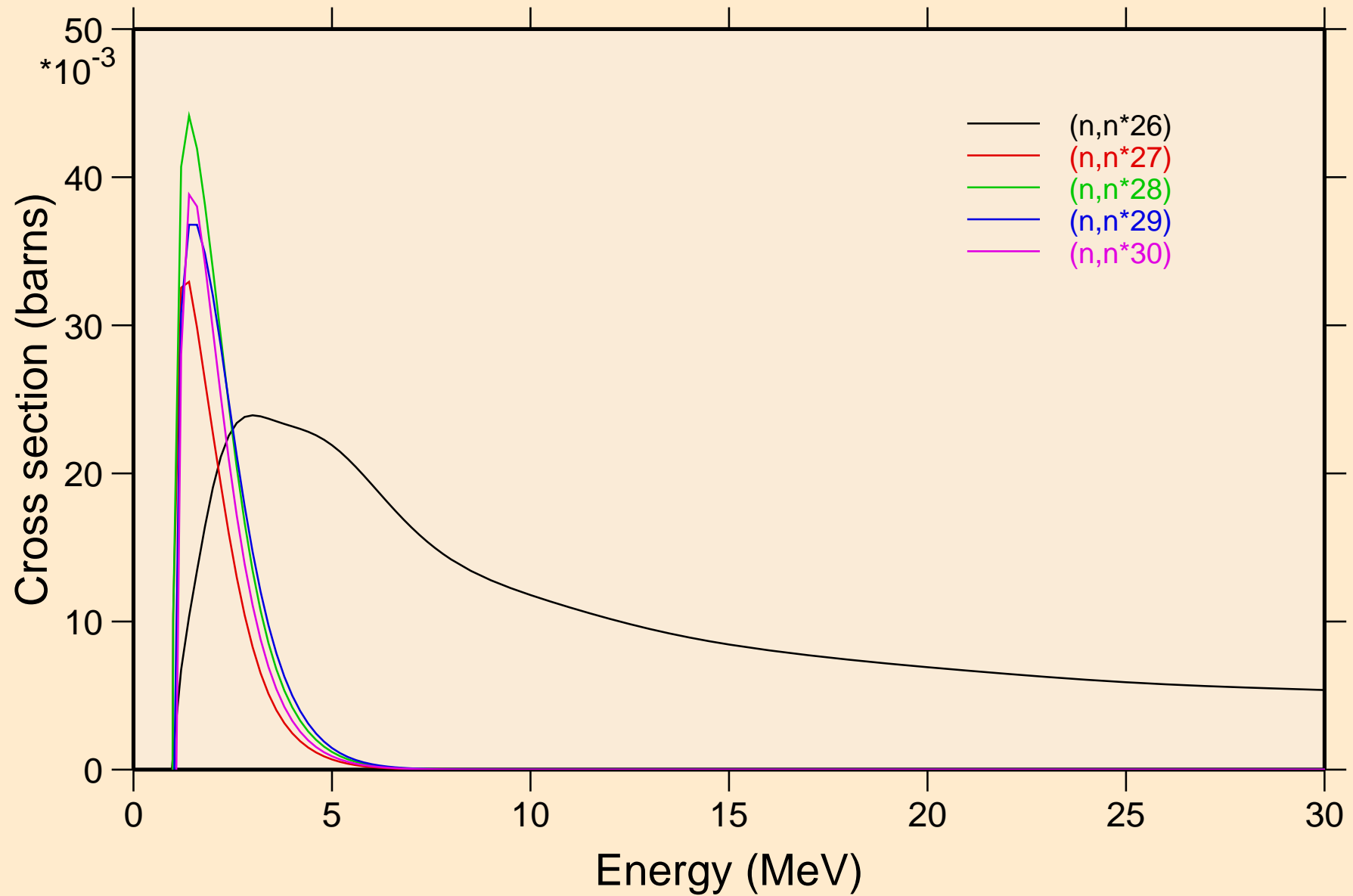
# XE127 NRG TENDL-2015, AKONING

## Inelastic levels



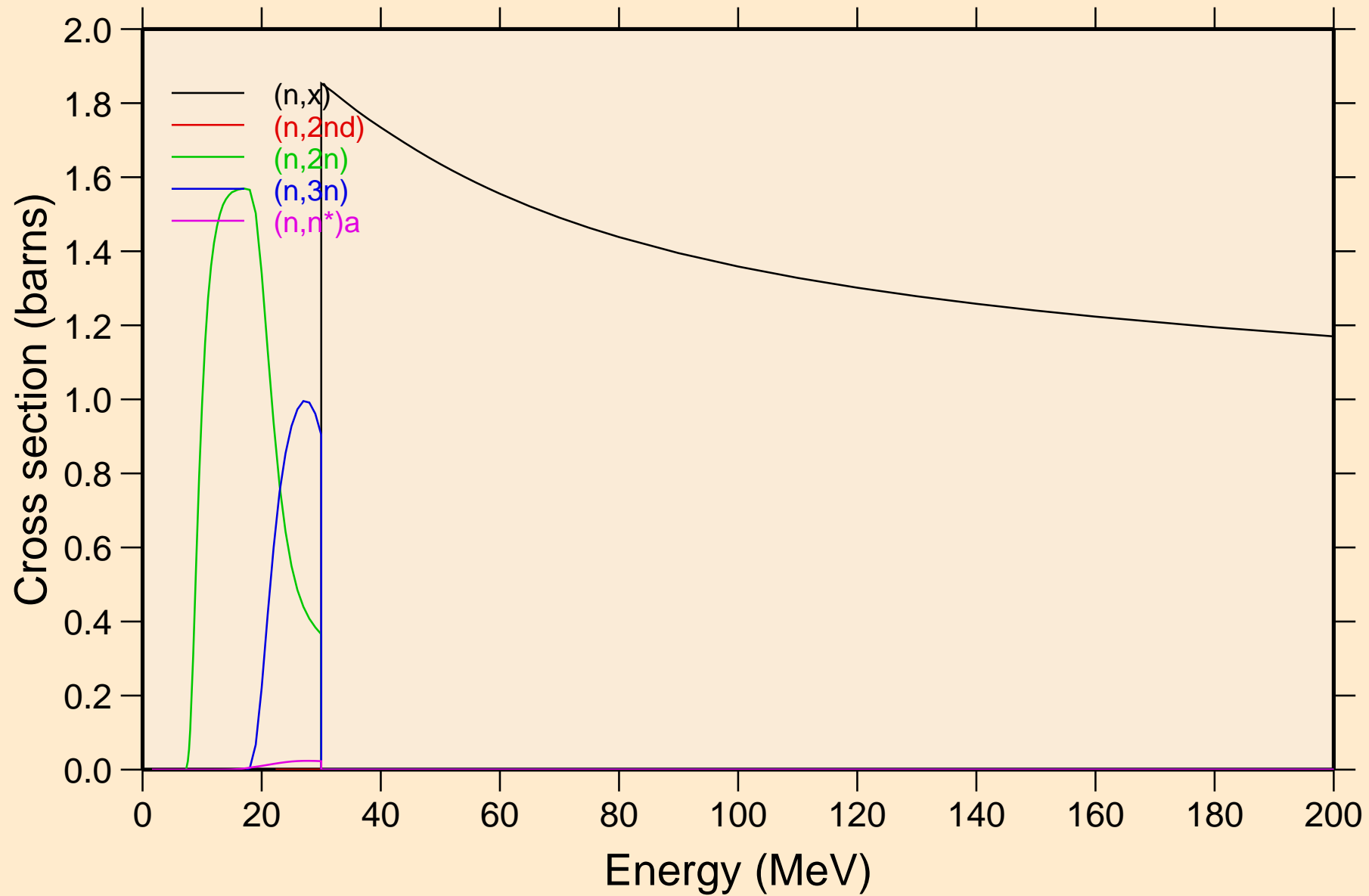
# XE127 NRG TENDL-2015, AKONING

## Inelastic levels



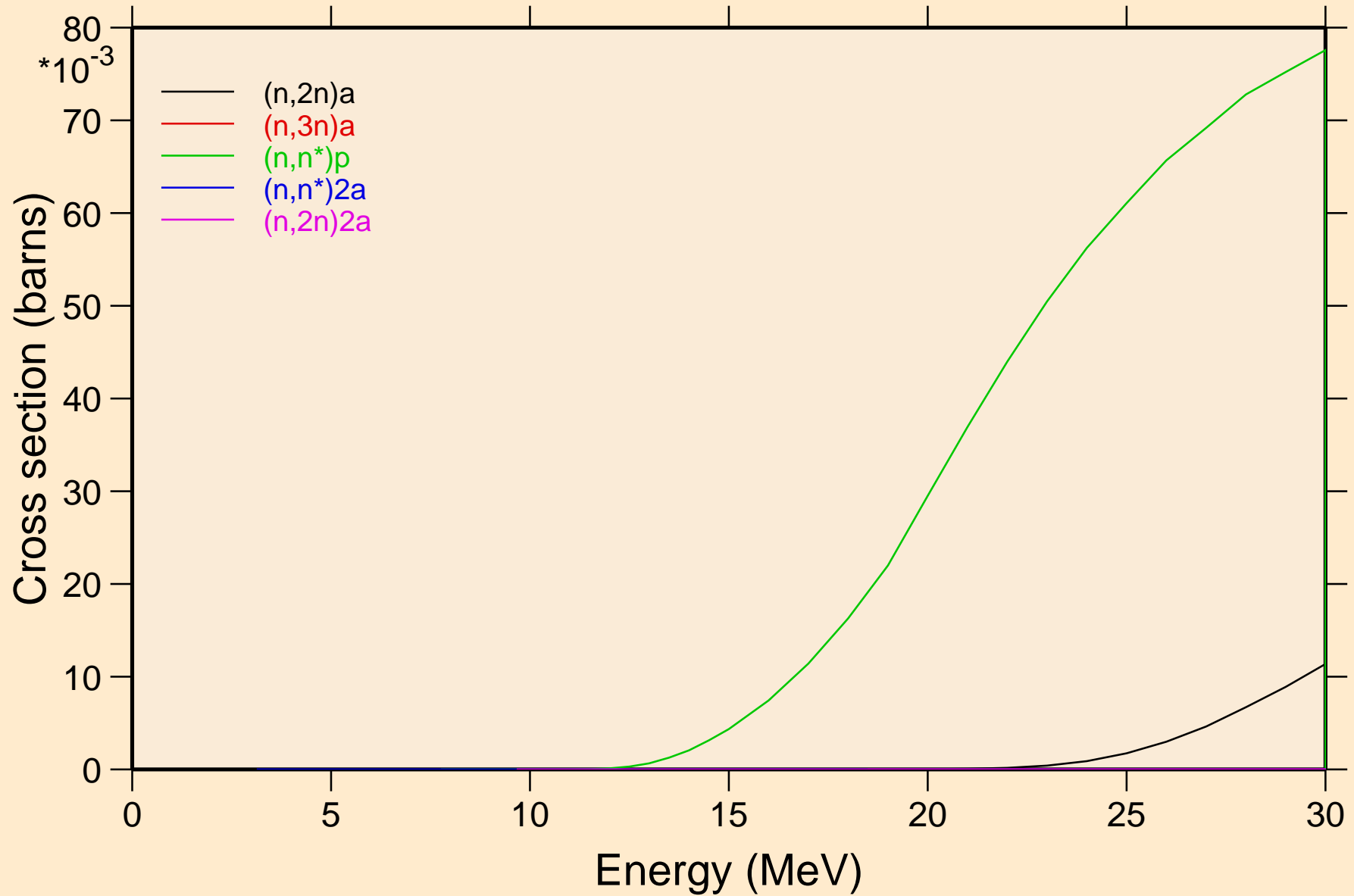
# XE127 NRG TENDL-2015, AKONING

## Threshold reactions



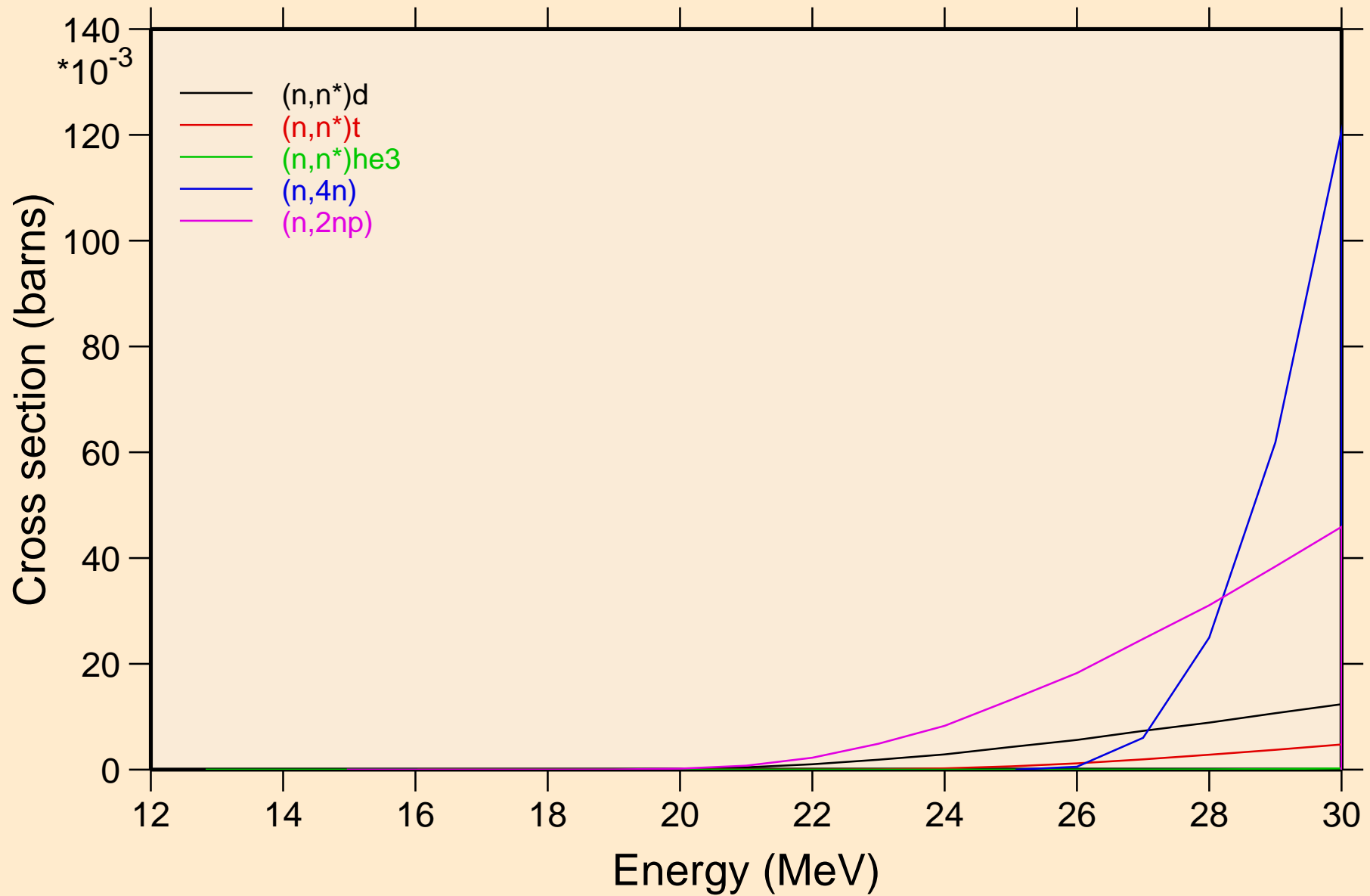
# XE127 NRG TENDL-2015, AKONING

## Threshold reactions



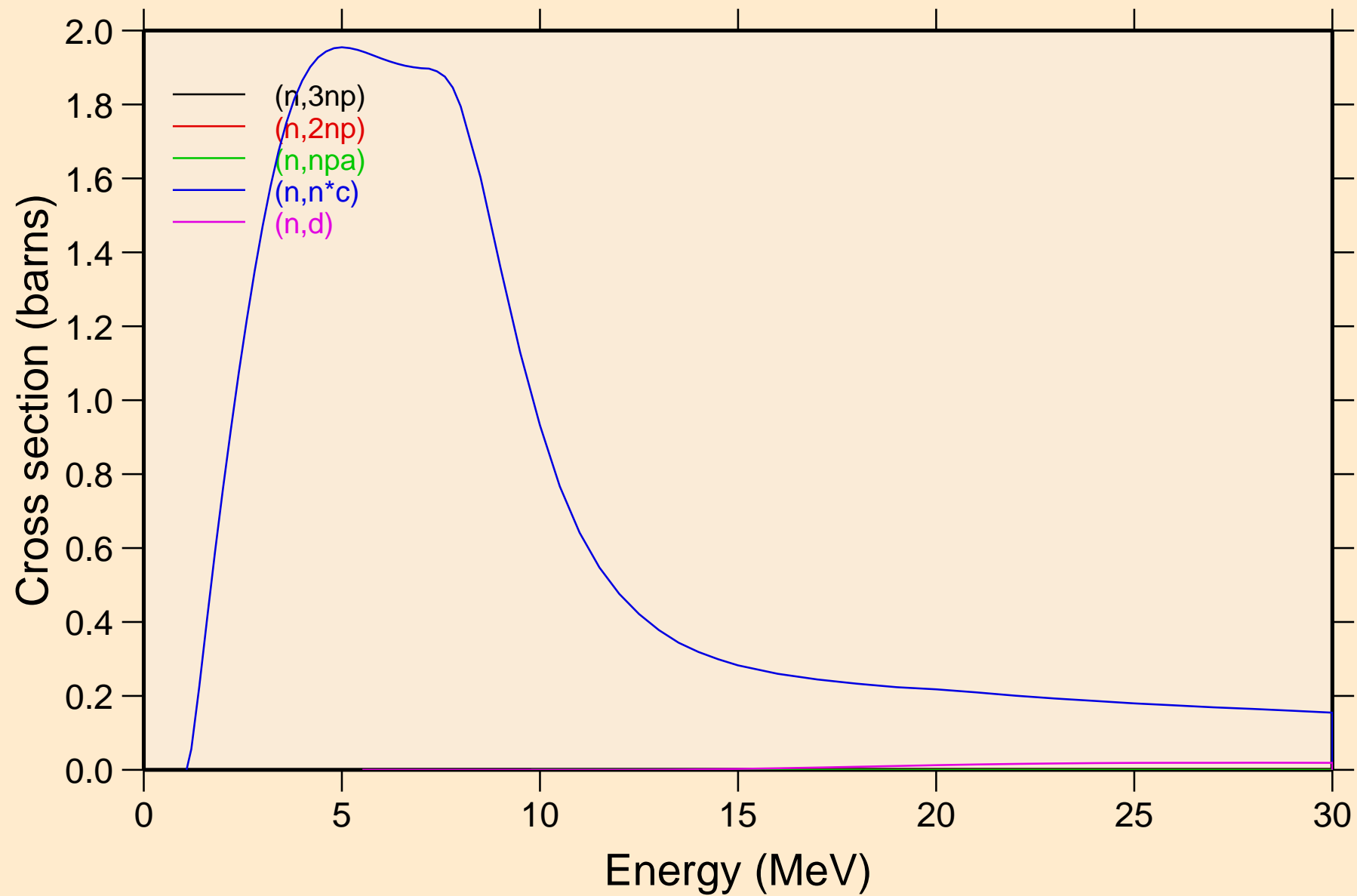
# XE127 NRG TENDL-2015, AKONING

## Threshold reactions



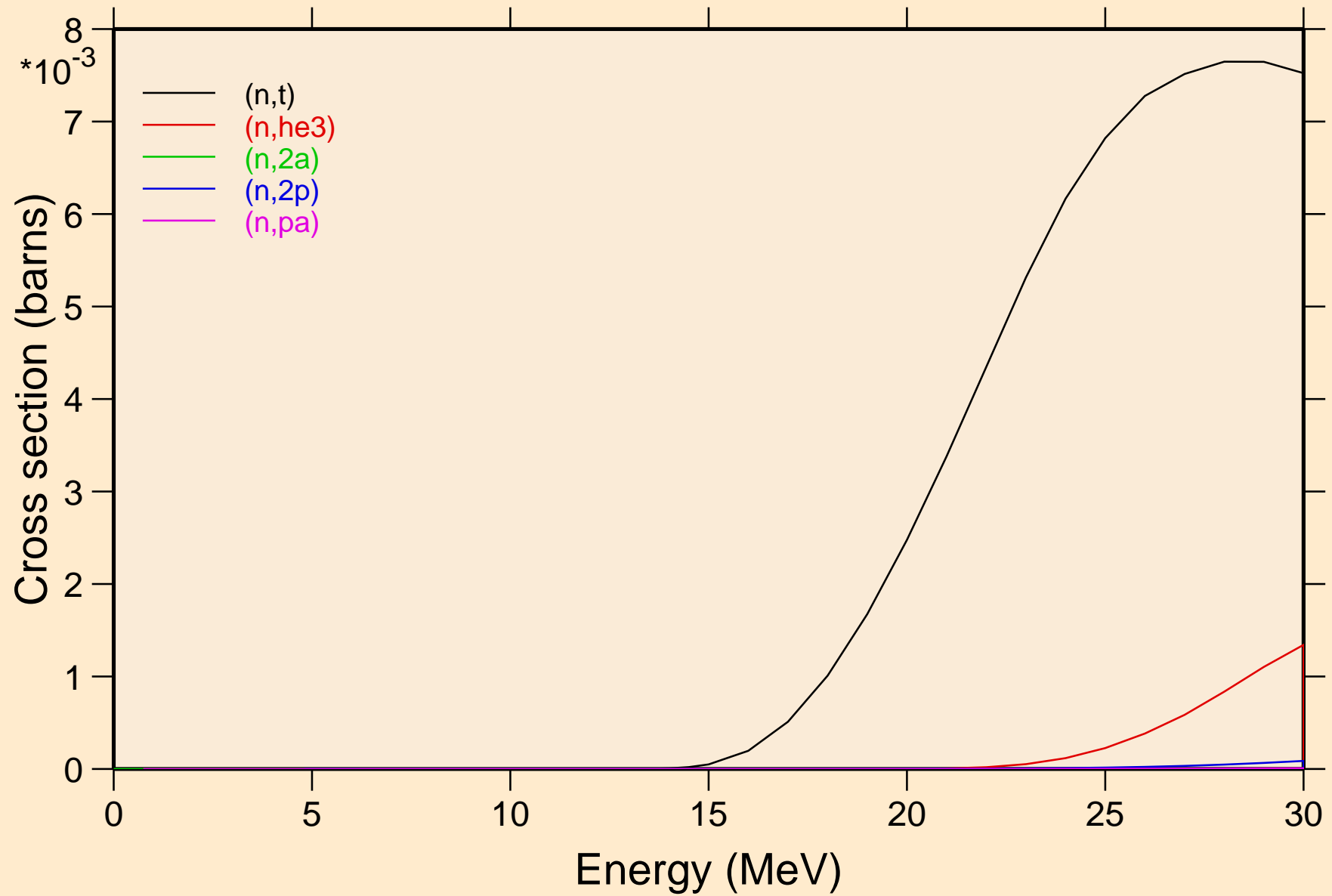
# XE127 NRG TENDL-2015, AKONING

## Threshold reactions



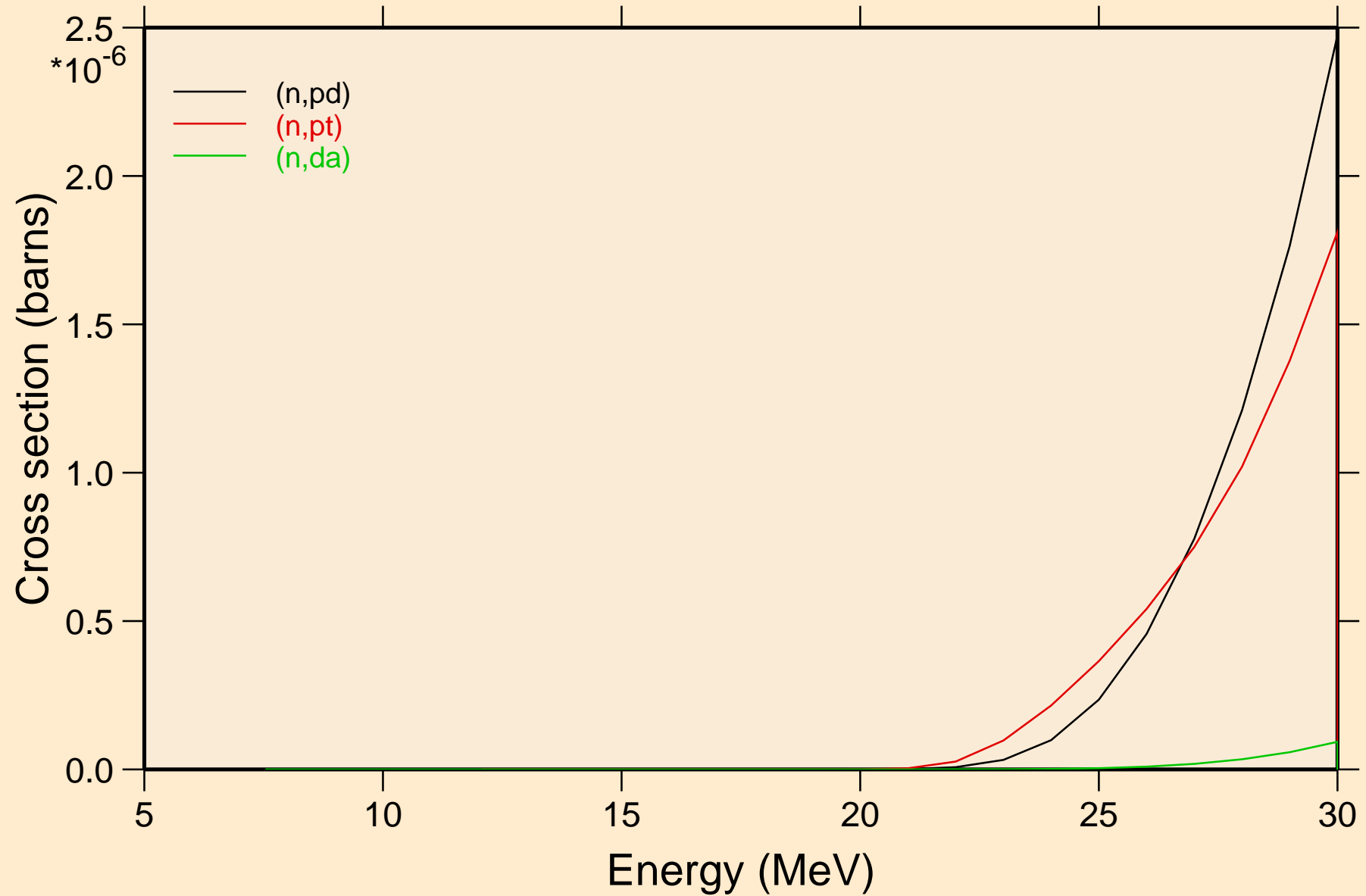
# XE127 NRG TENDL-2015, AKONING

## Threshold reactions



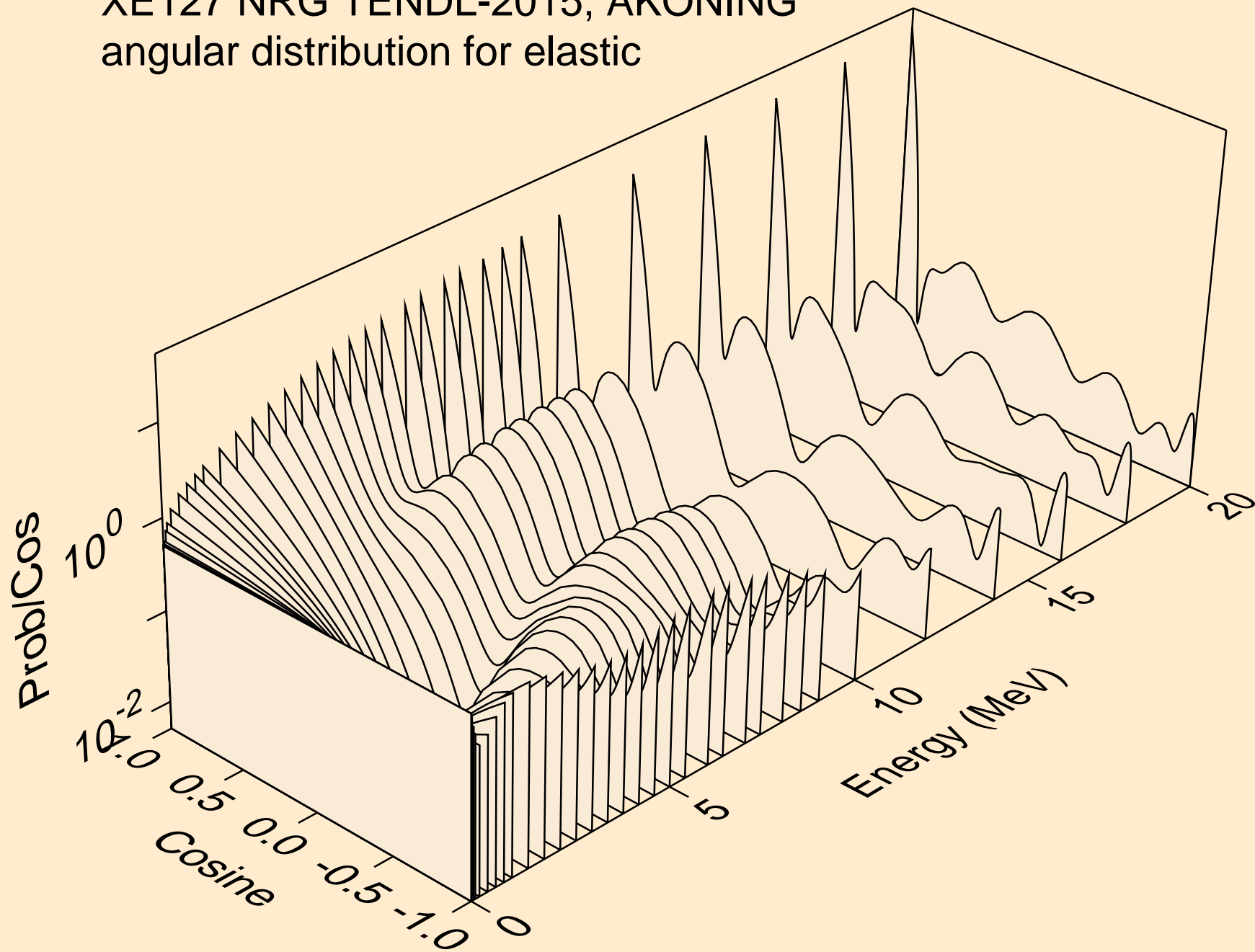
# XE127 NRG TENDL-2015, AKONING

## Threshold reactions

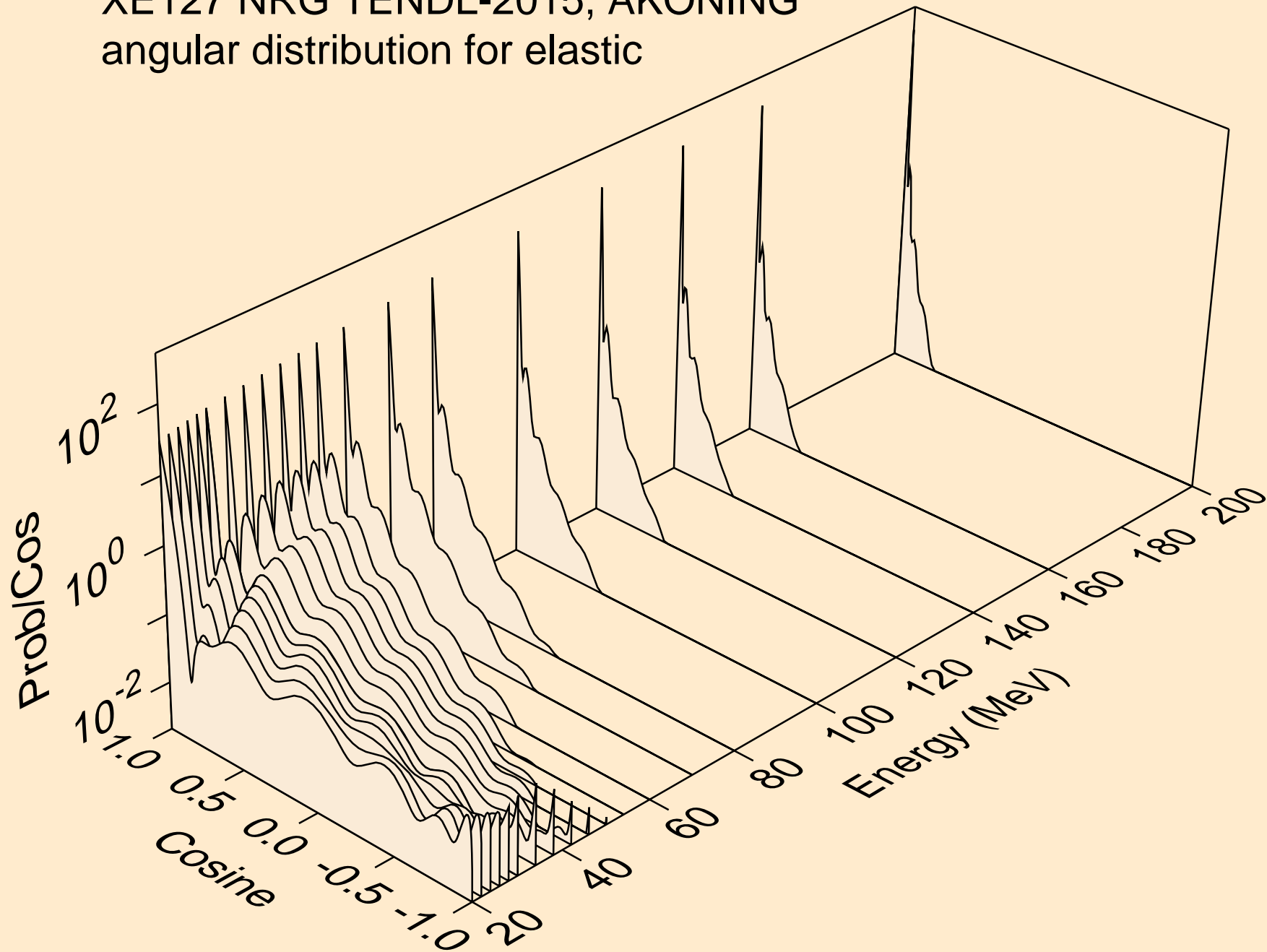




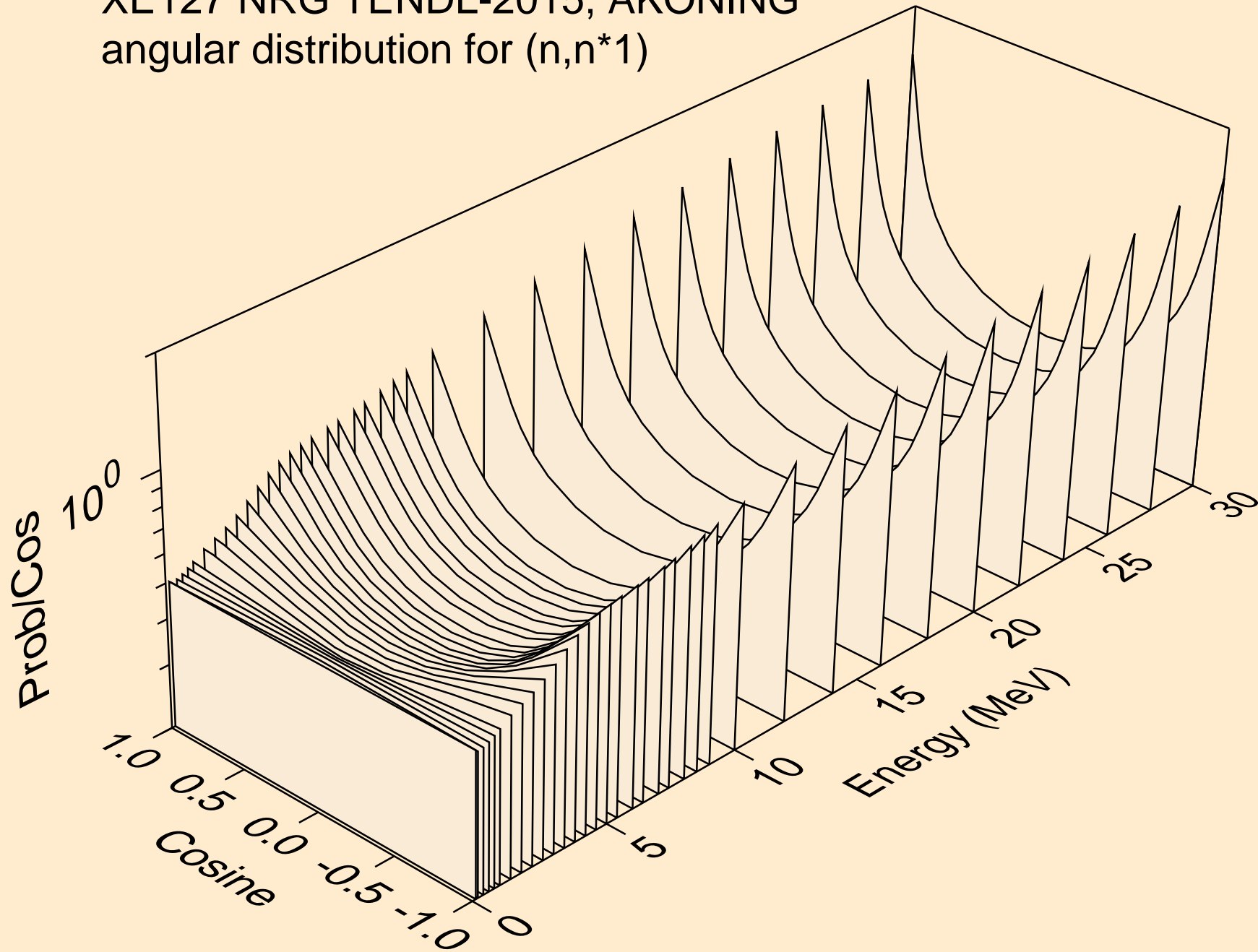
XE127 NRG TENDL-2015, AKONING  
angular distribution for elastic



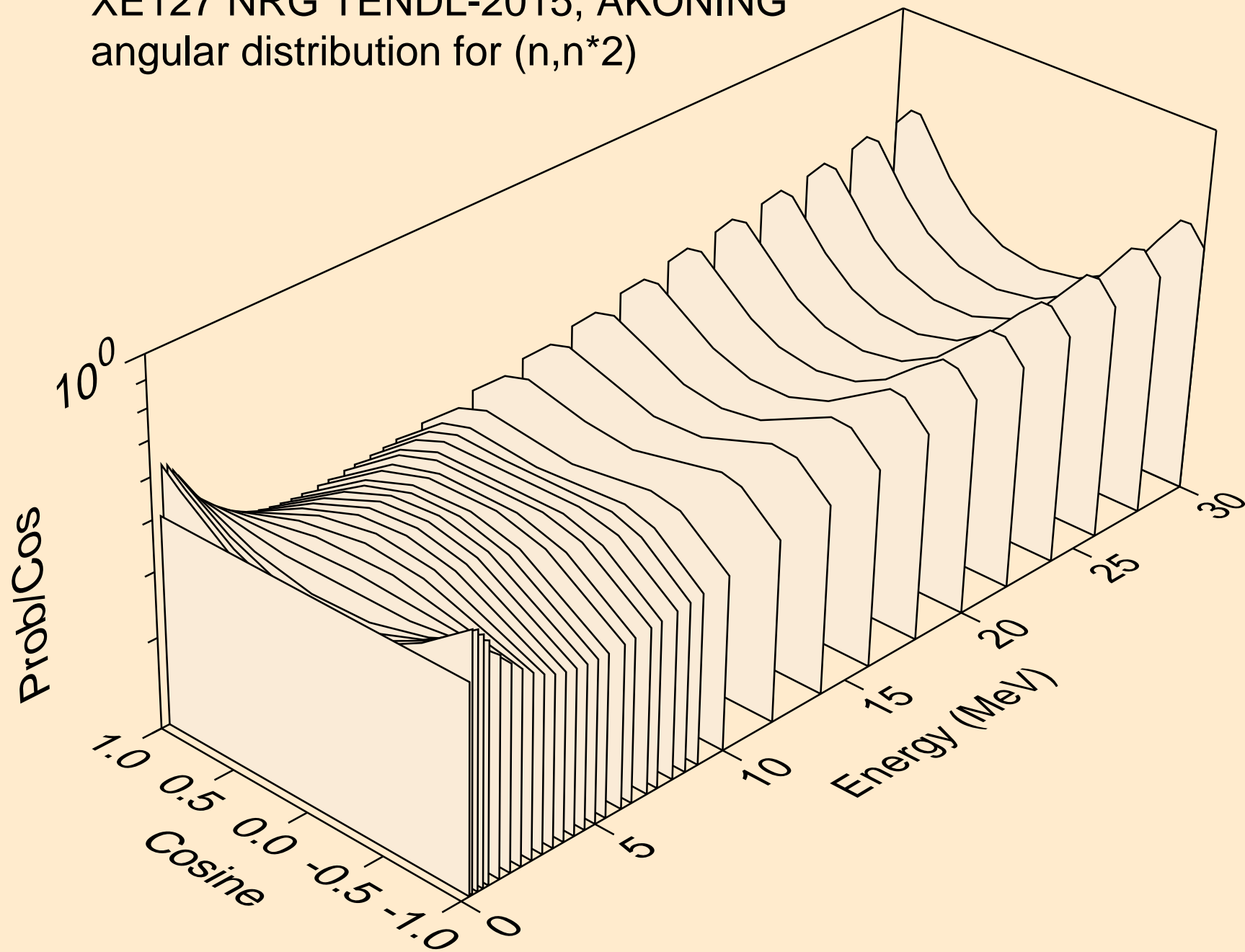
XE127 NRG TENDL-2015, AKONING  
angular distribution for elastic



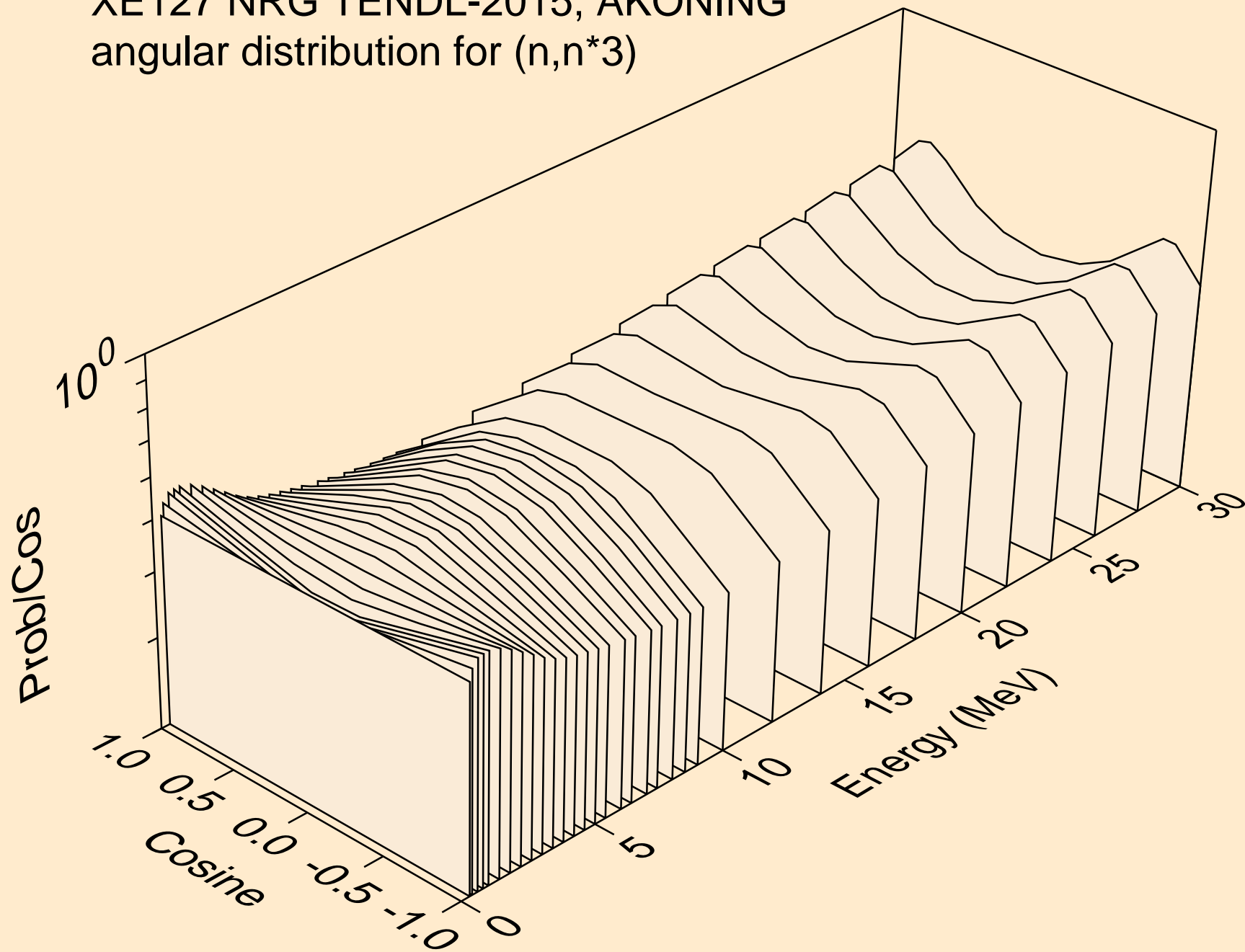
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



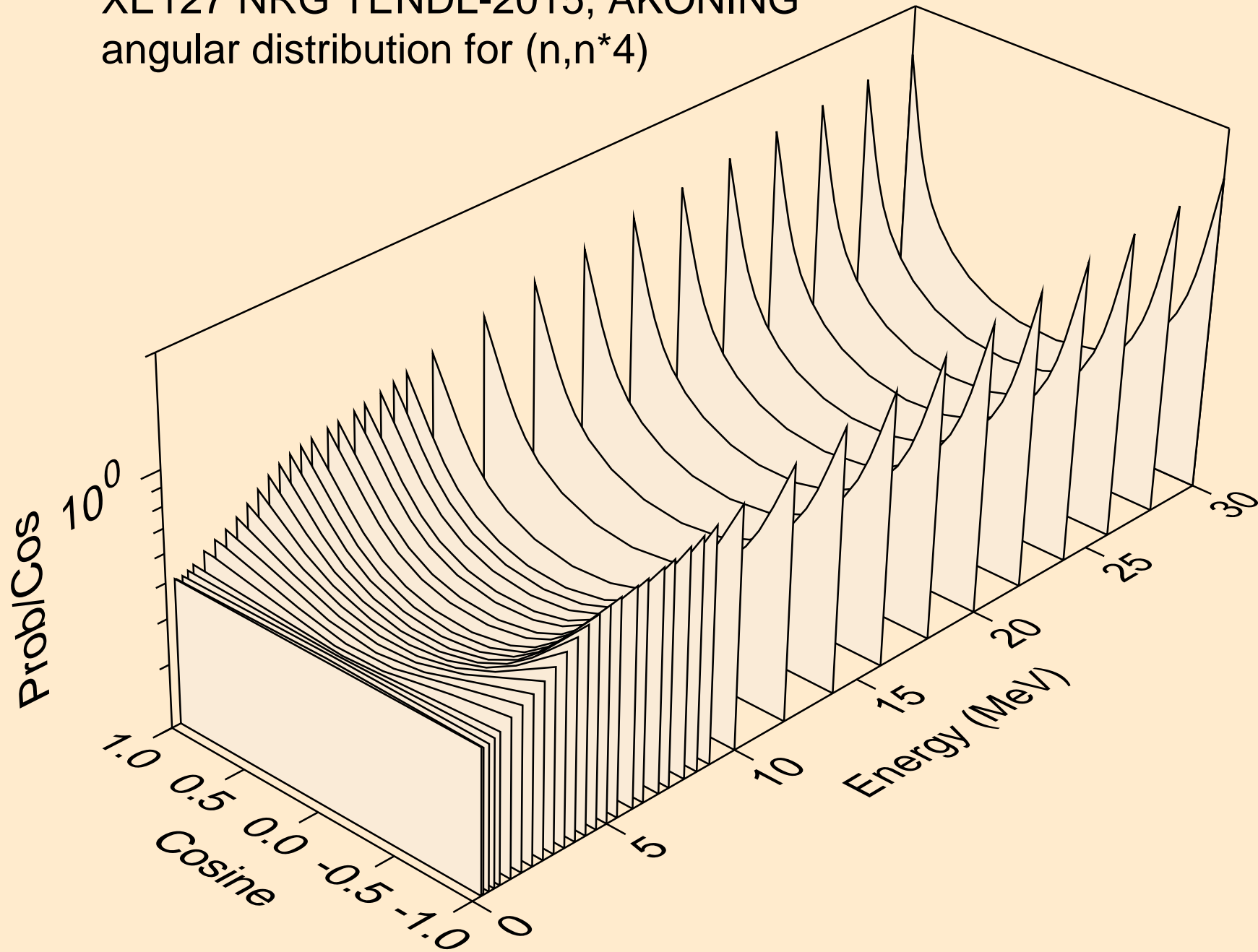
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



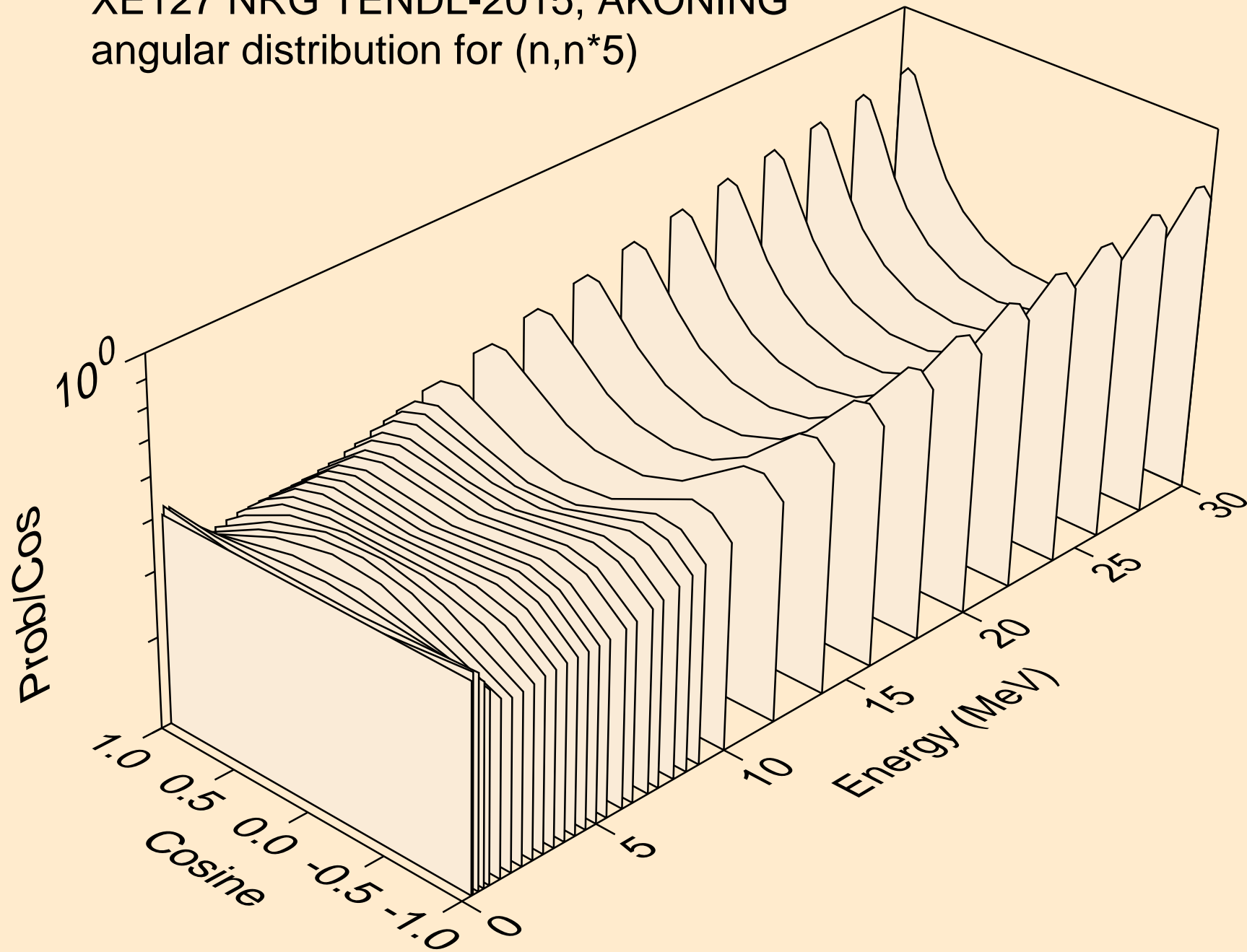
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



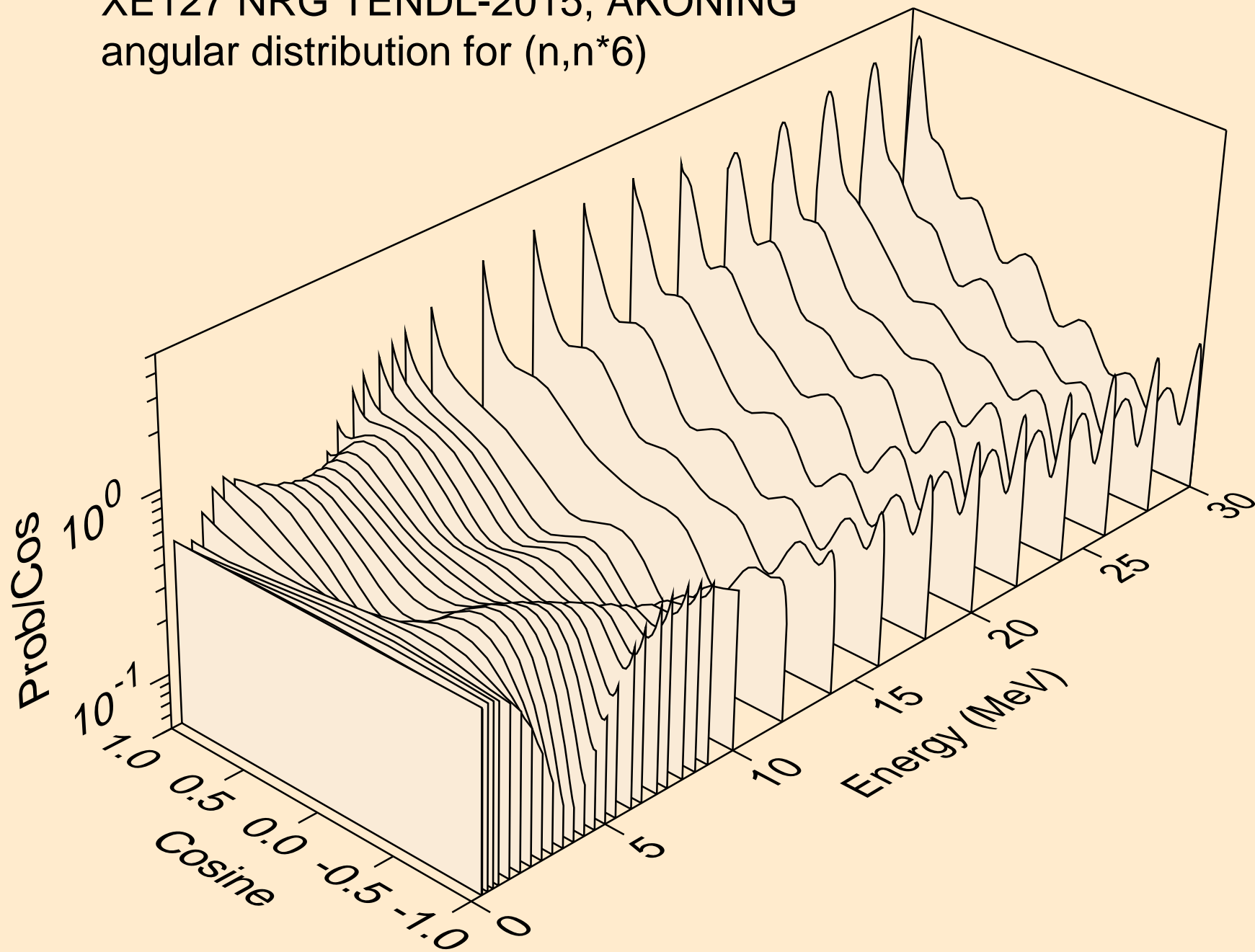
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

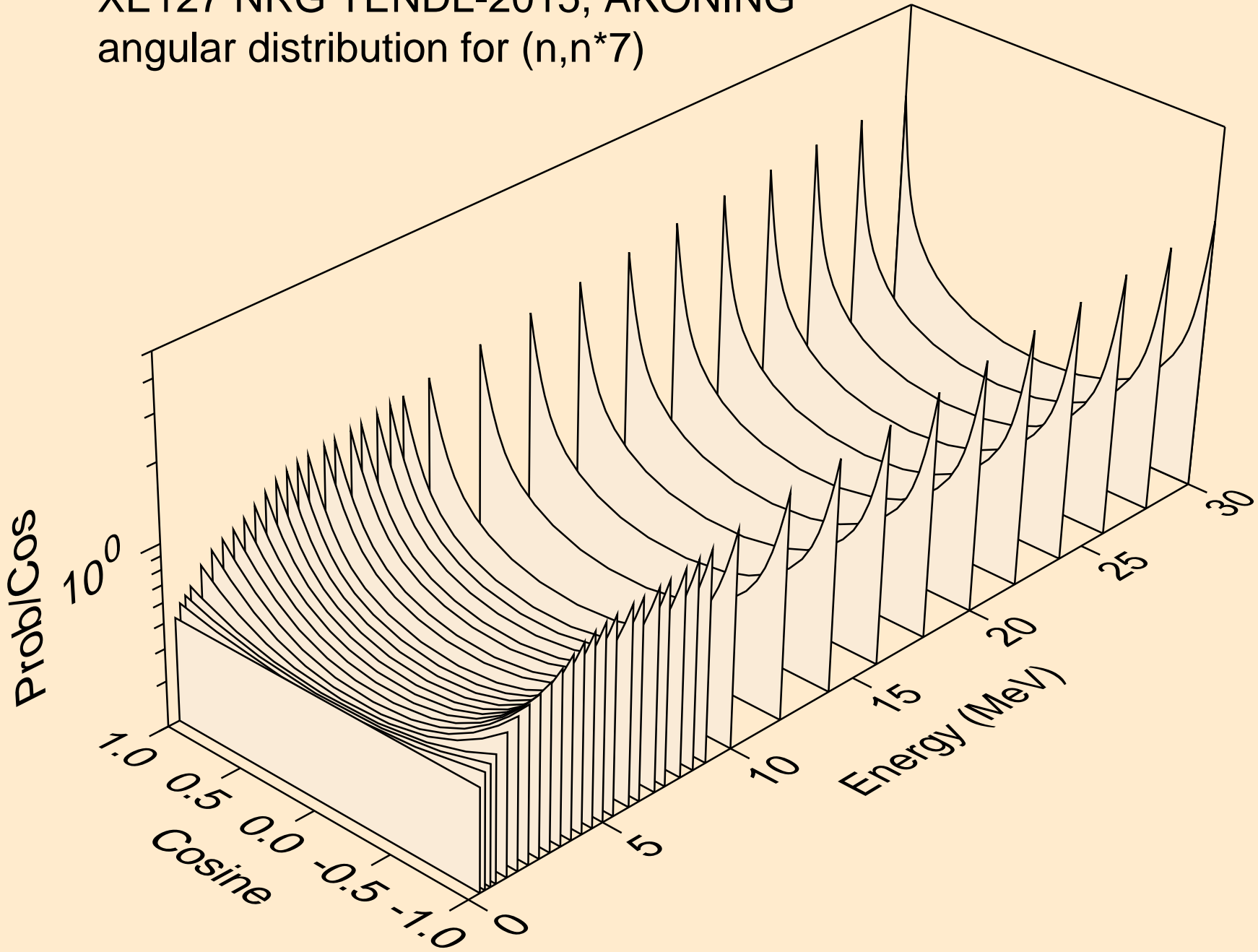


XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

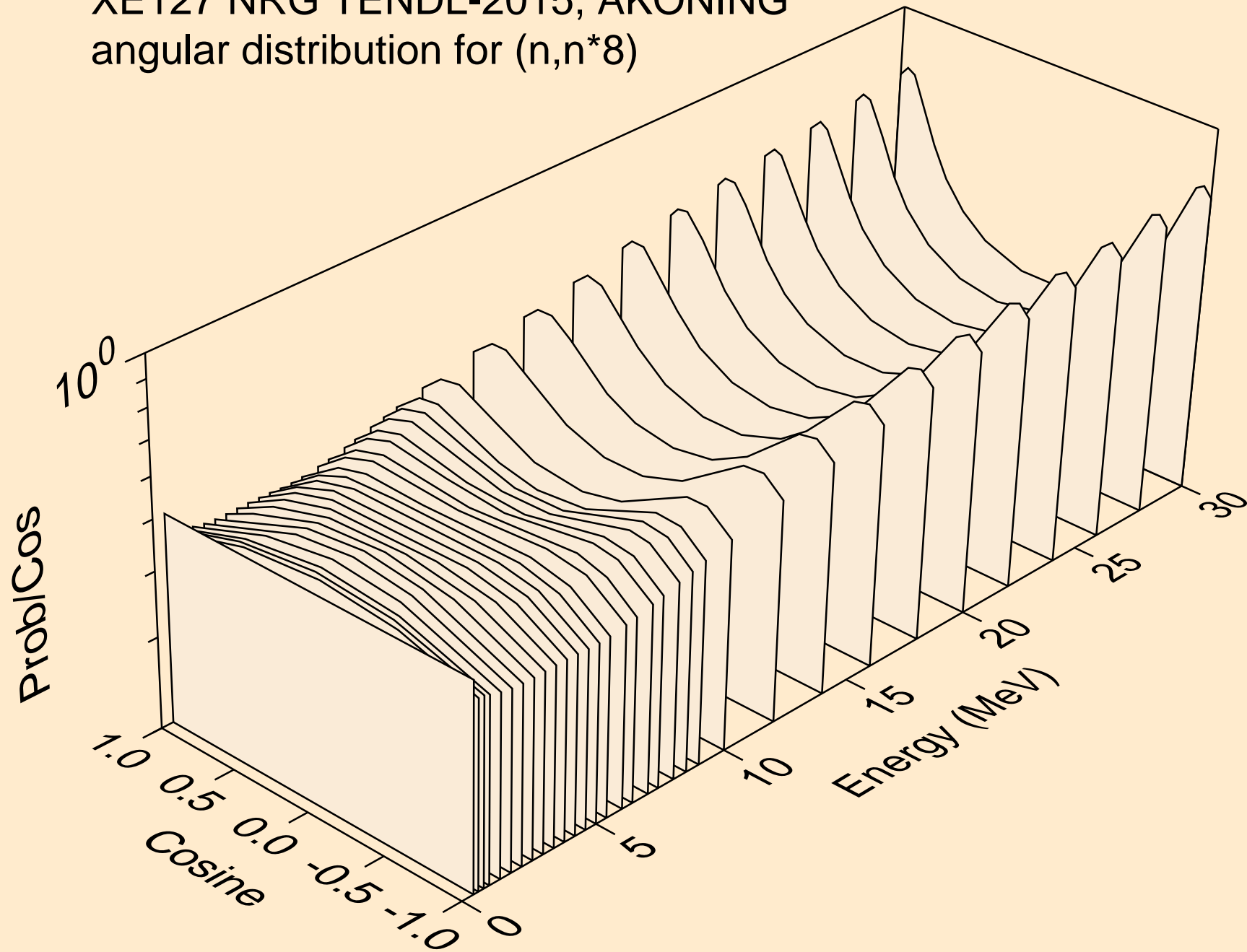




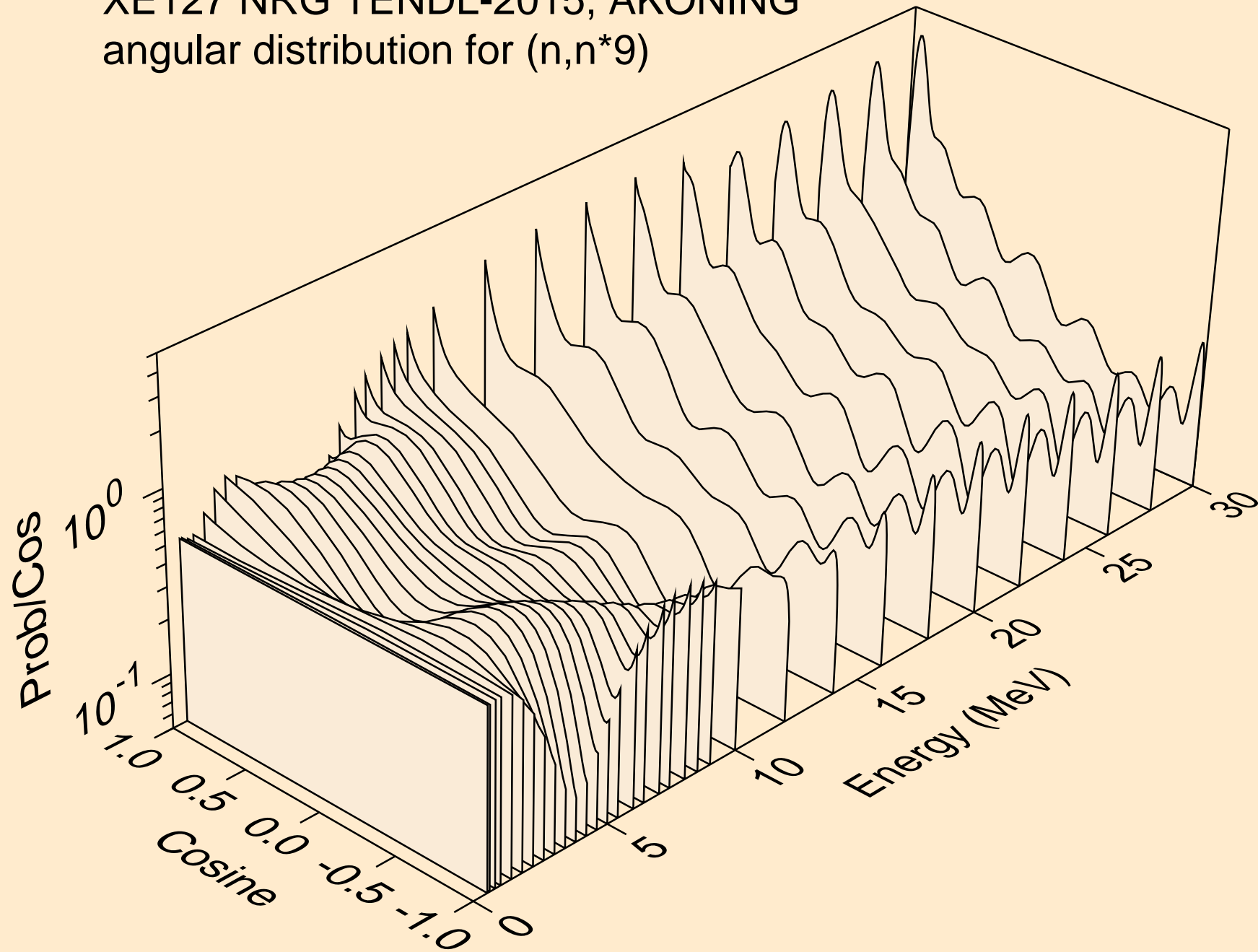
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



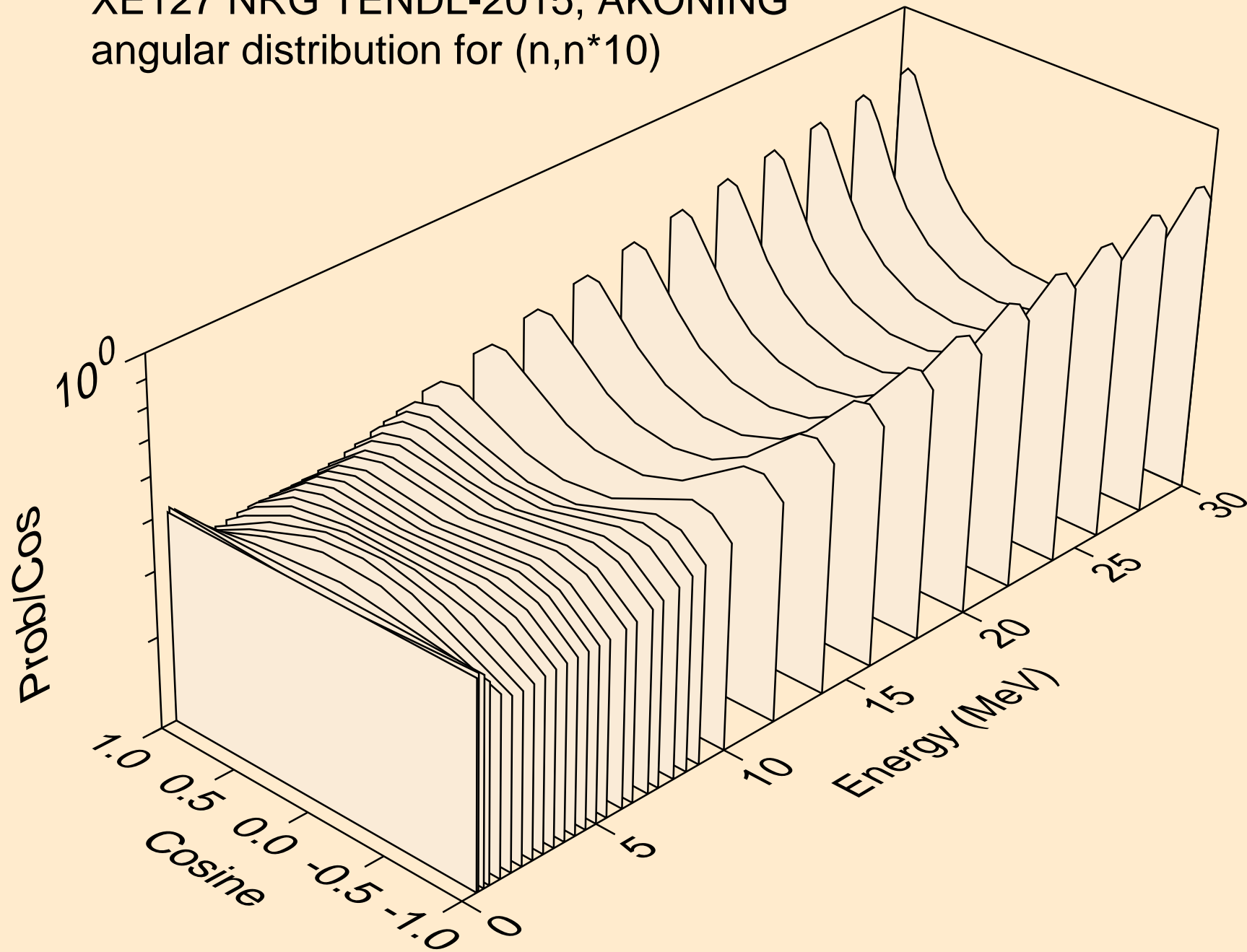
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



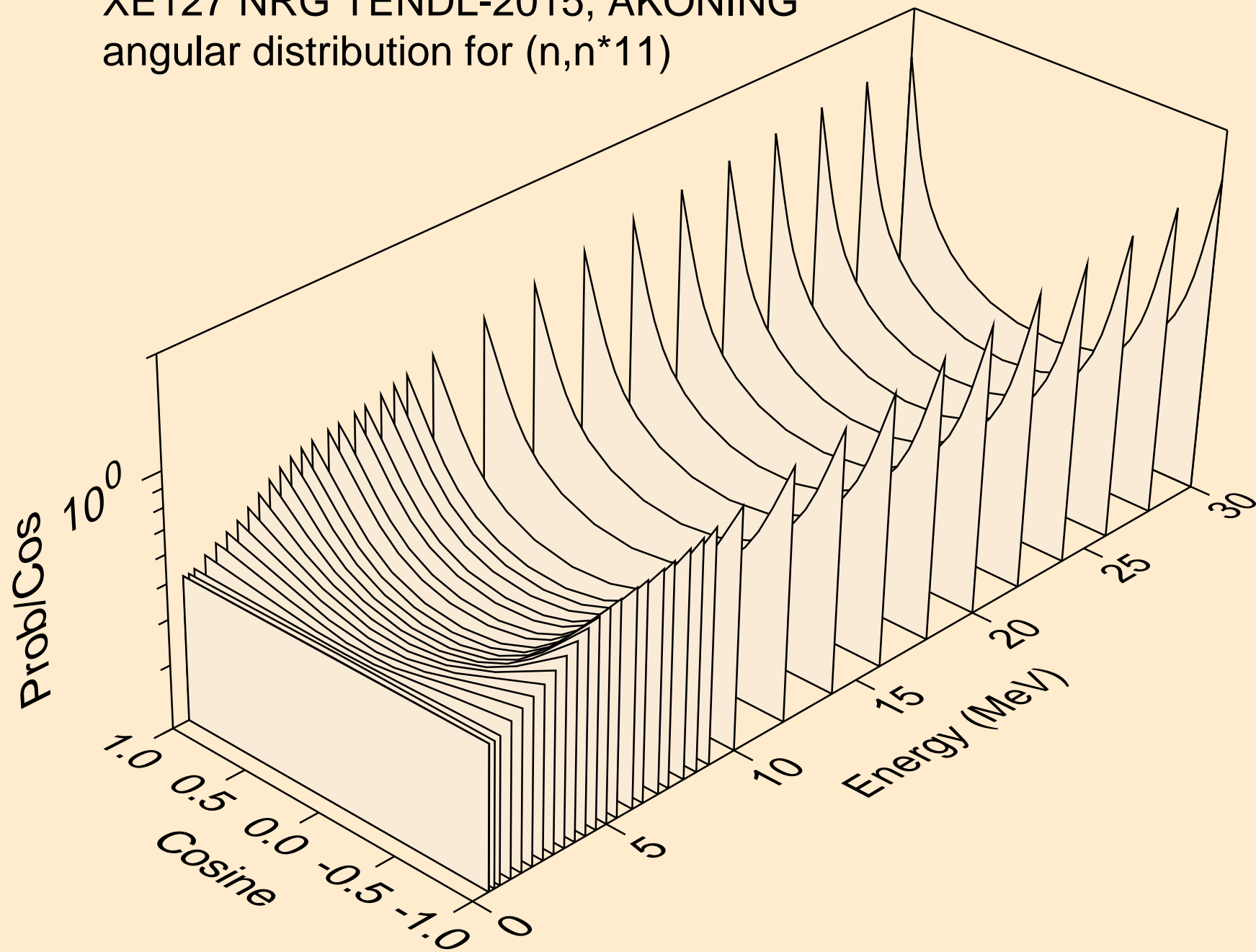
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



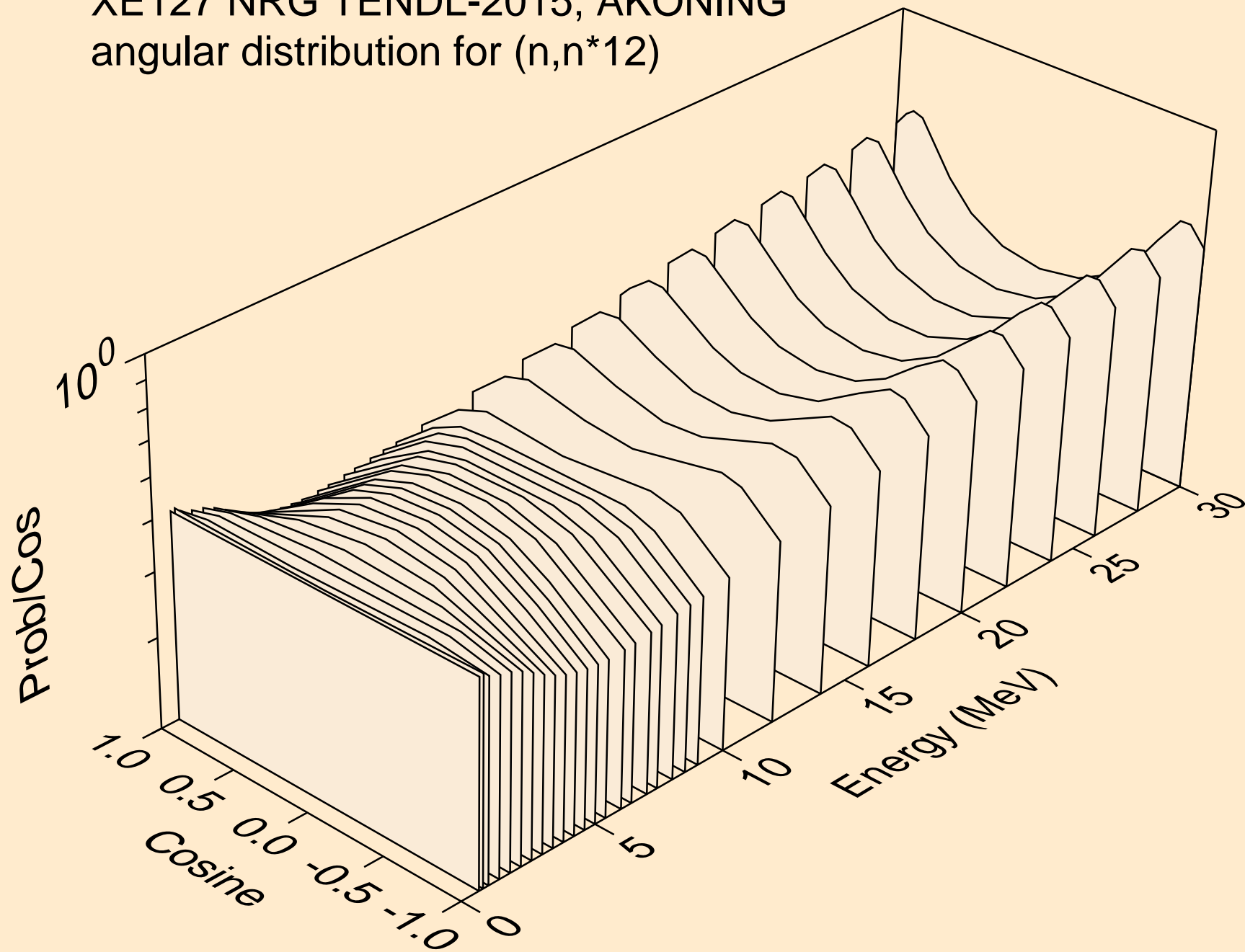
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



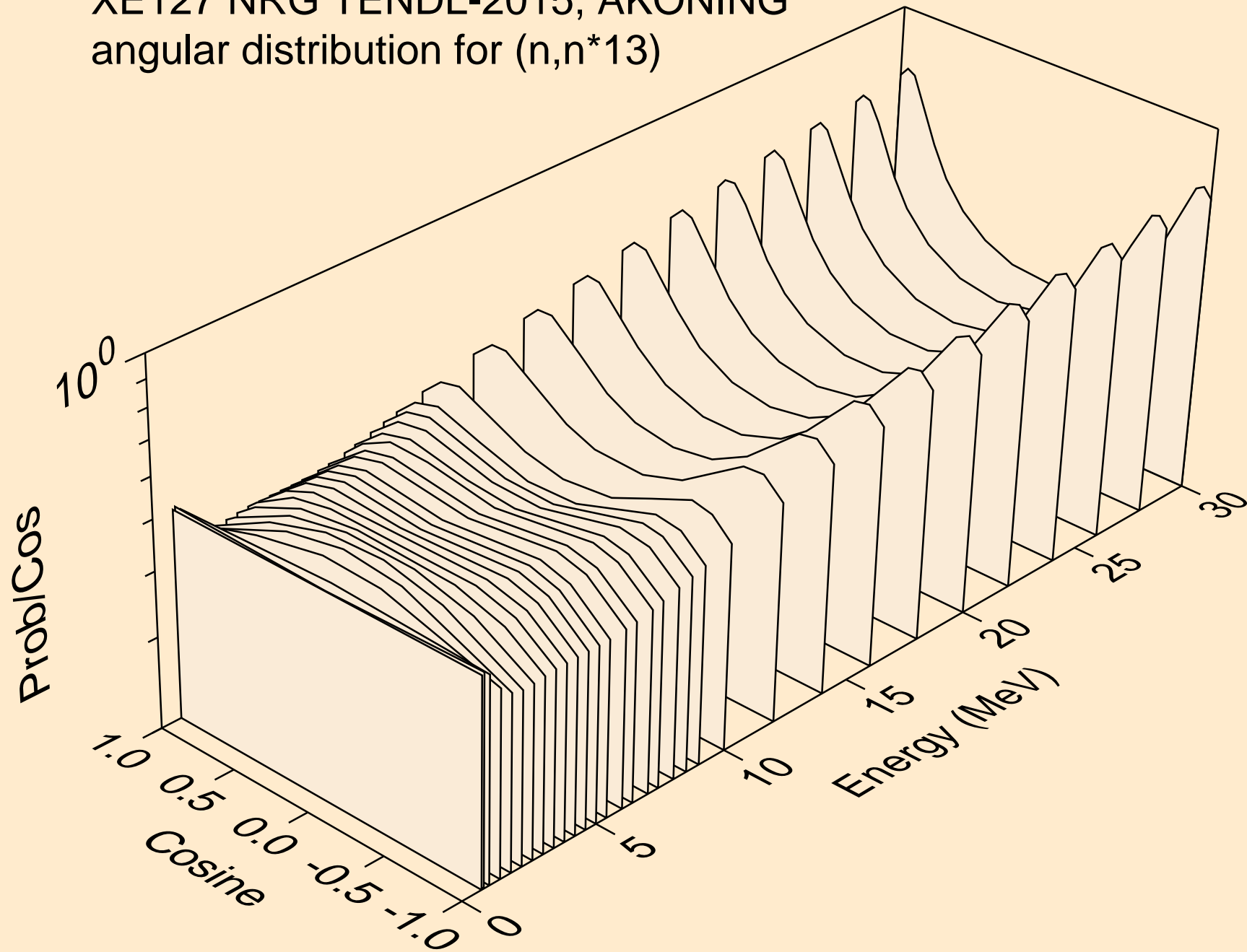
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



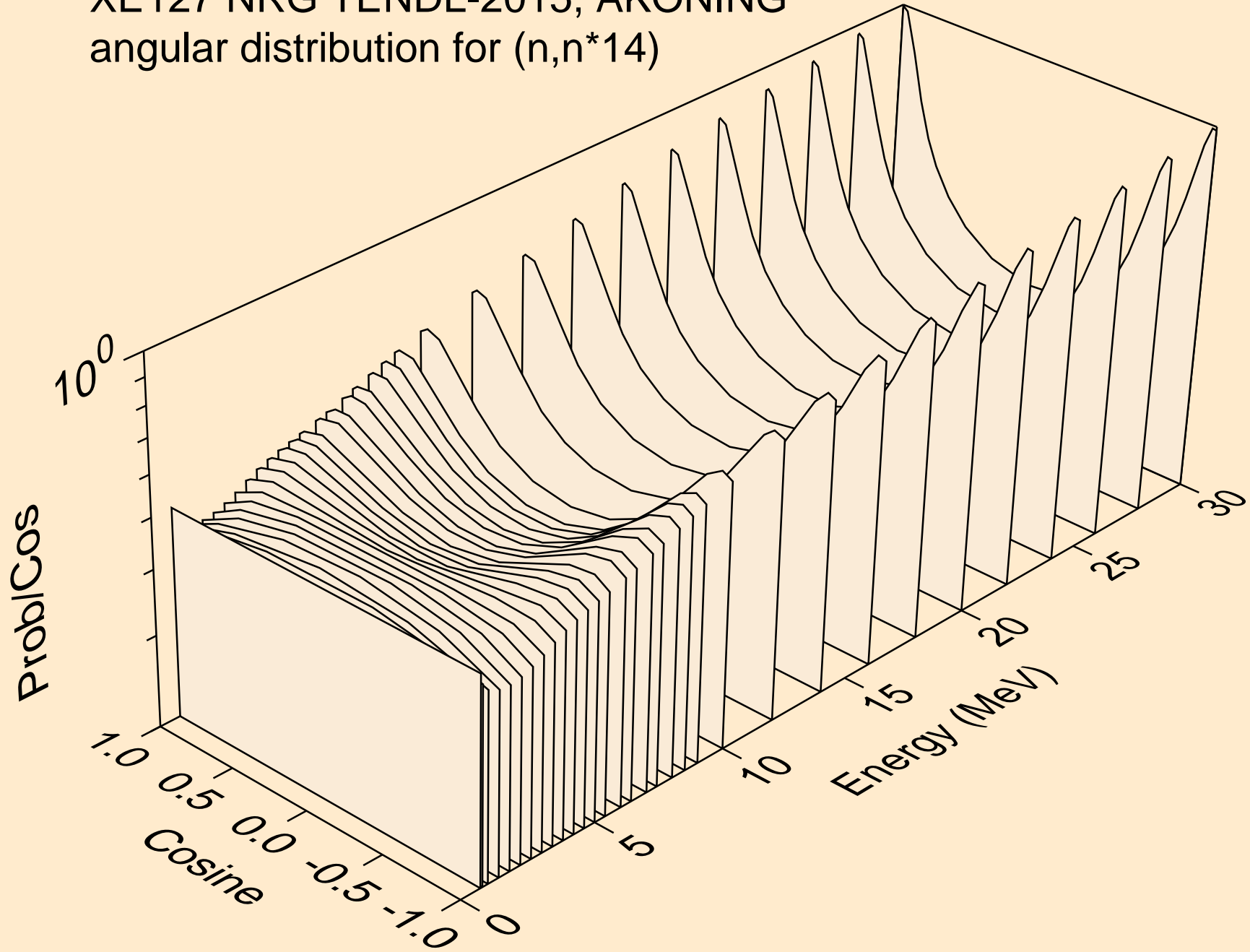
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

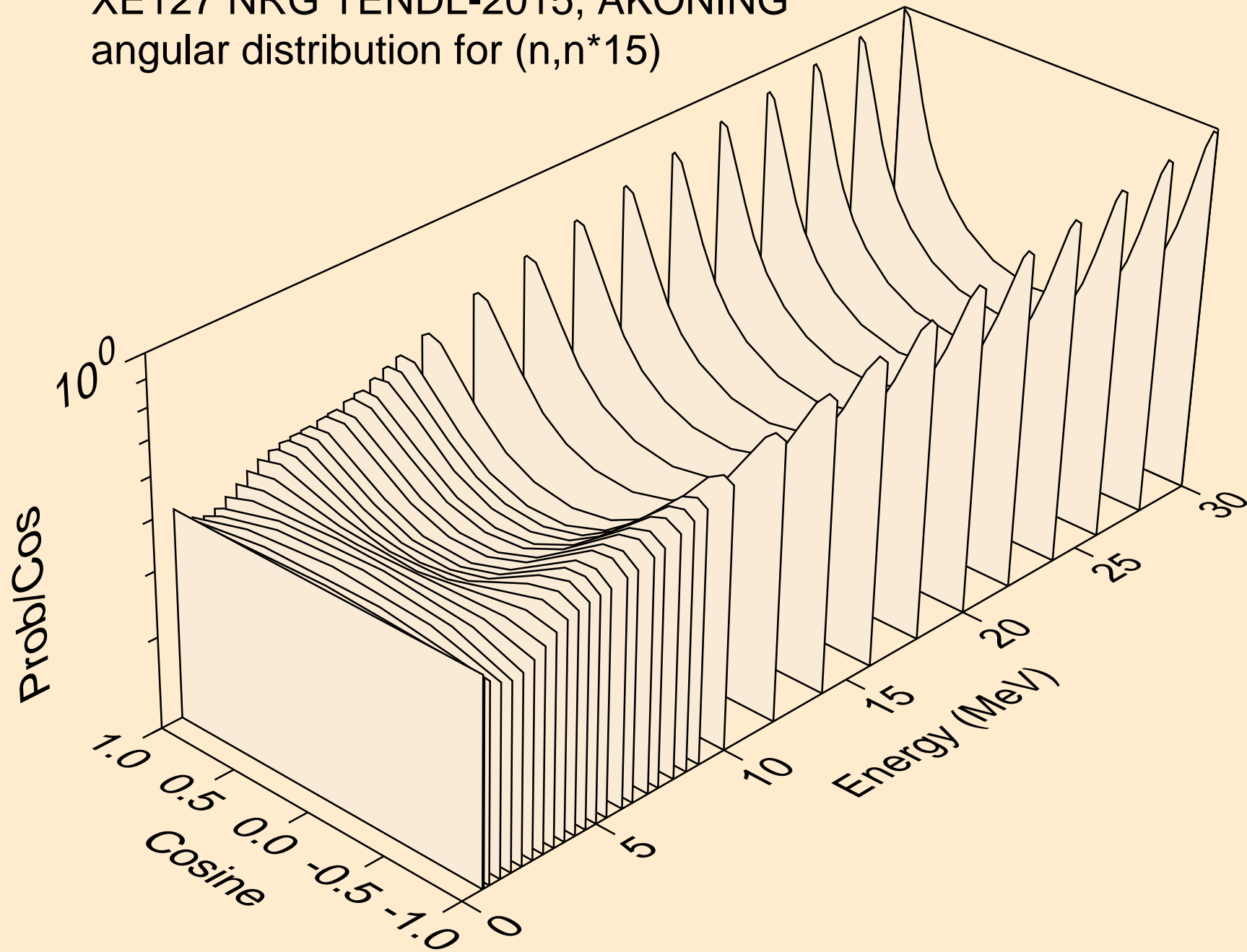


XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

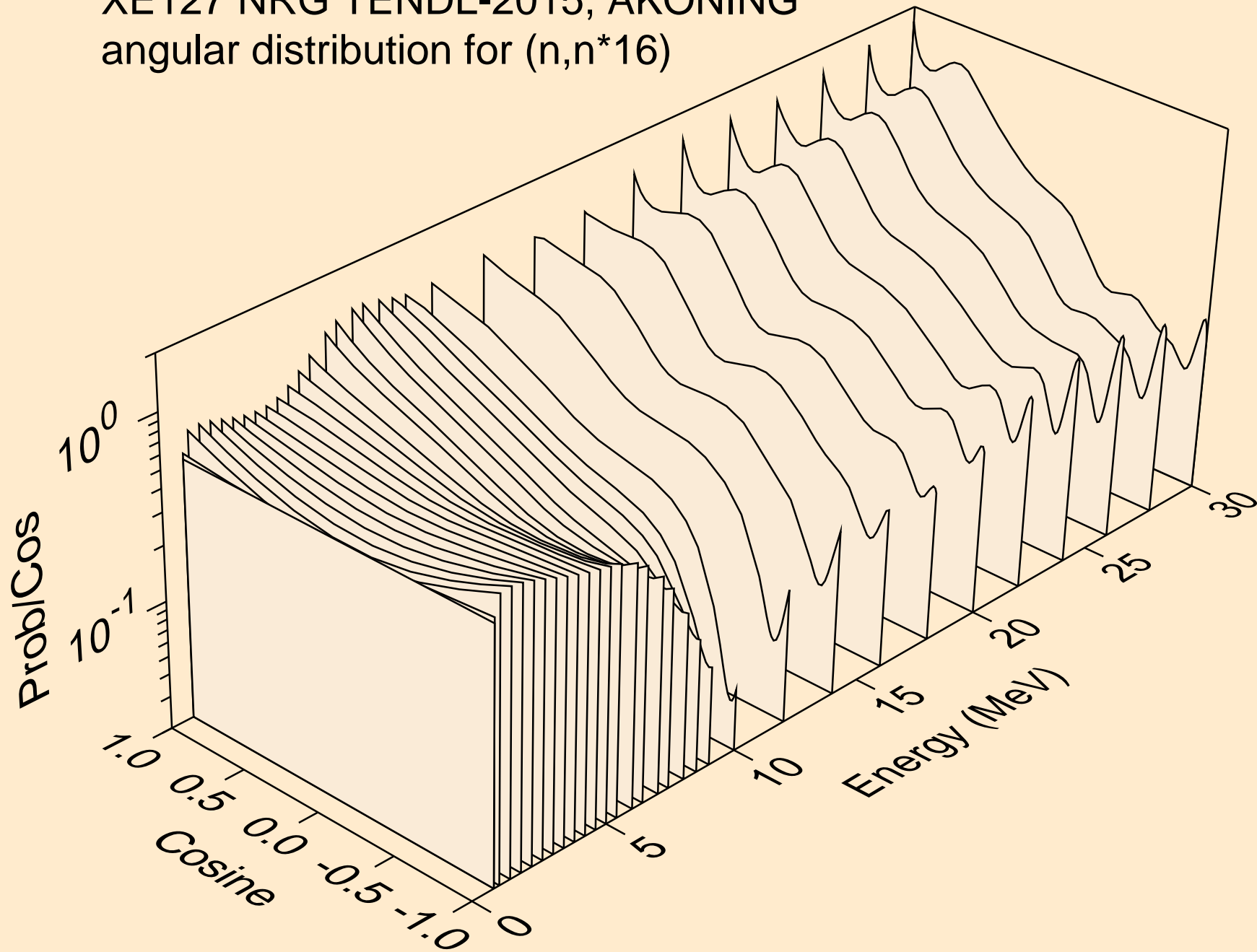




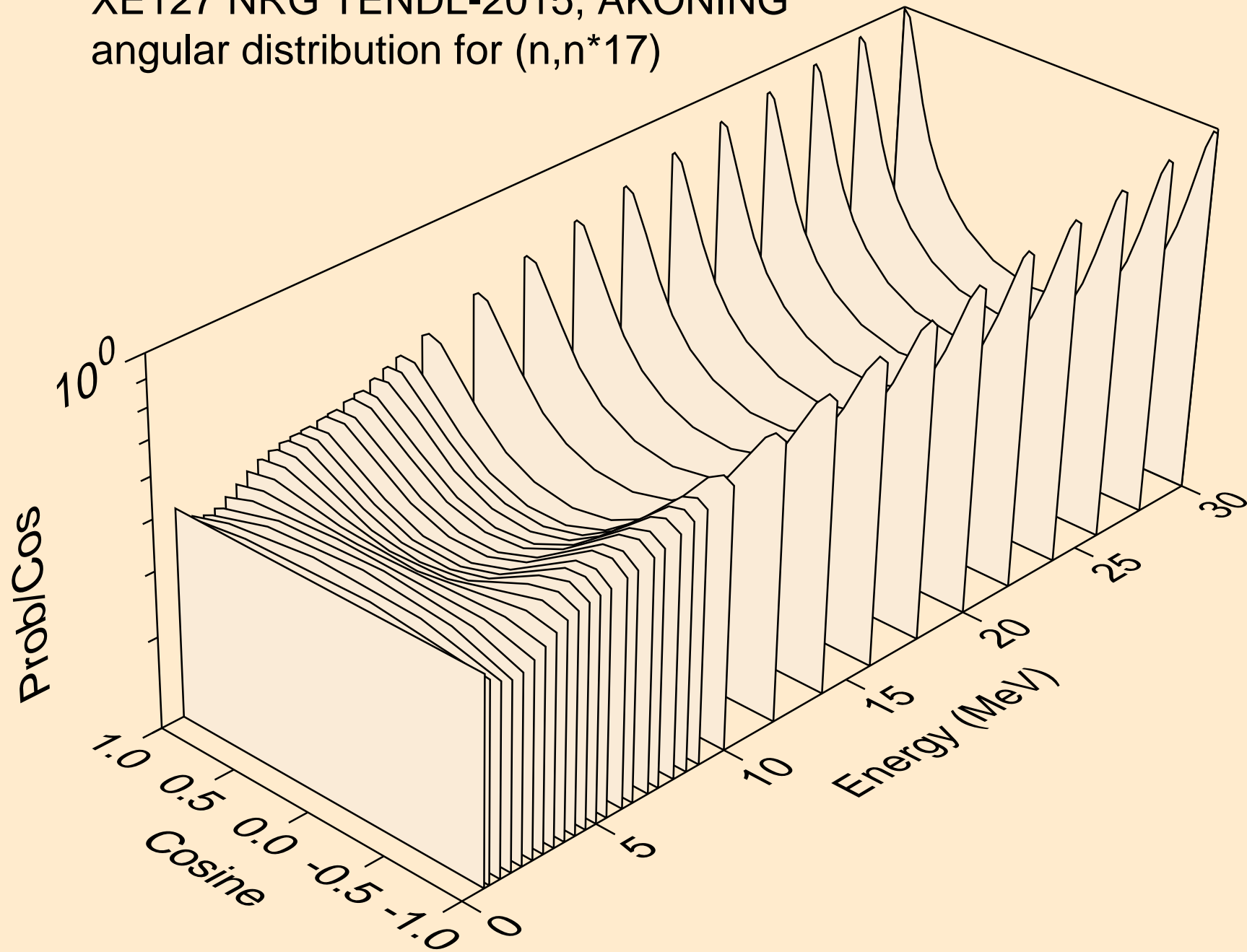
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



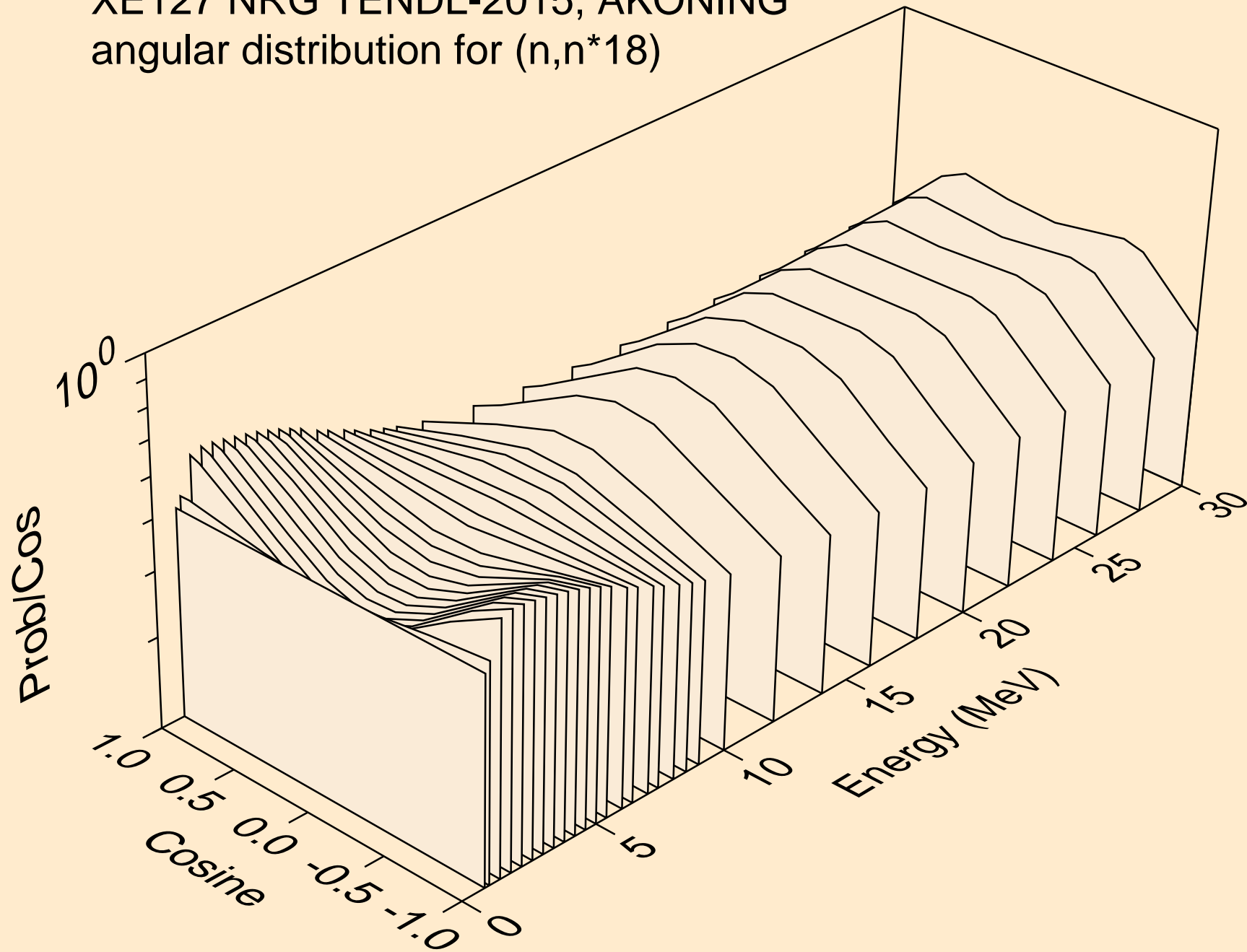
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



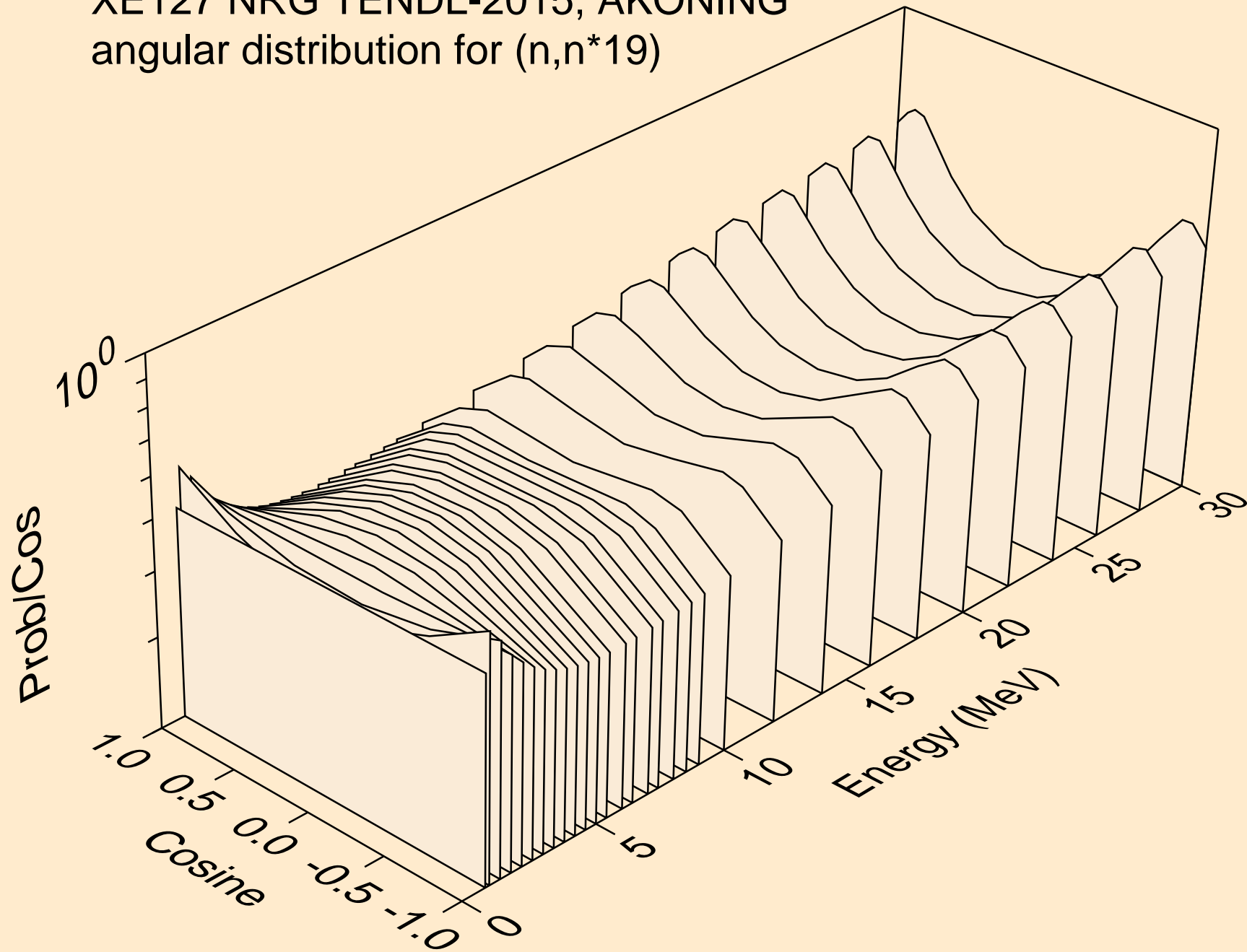
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



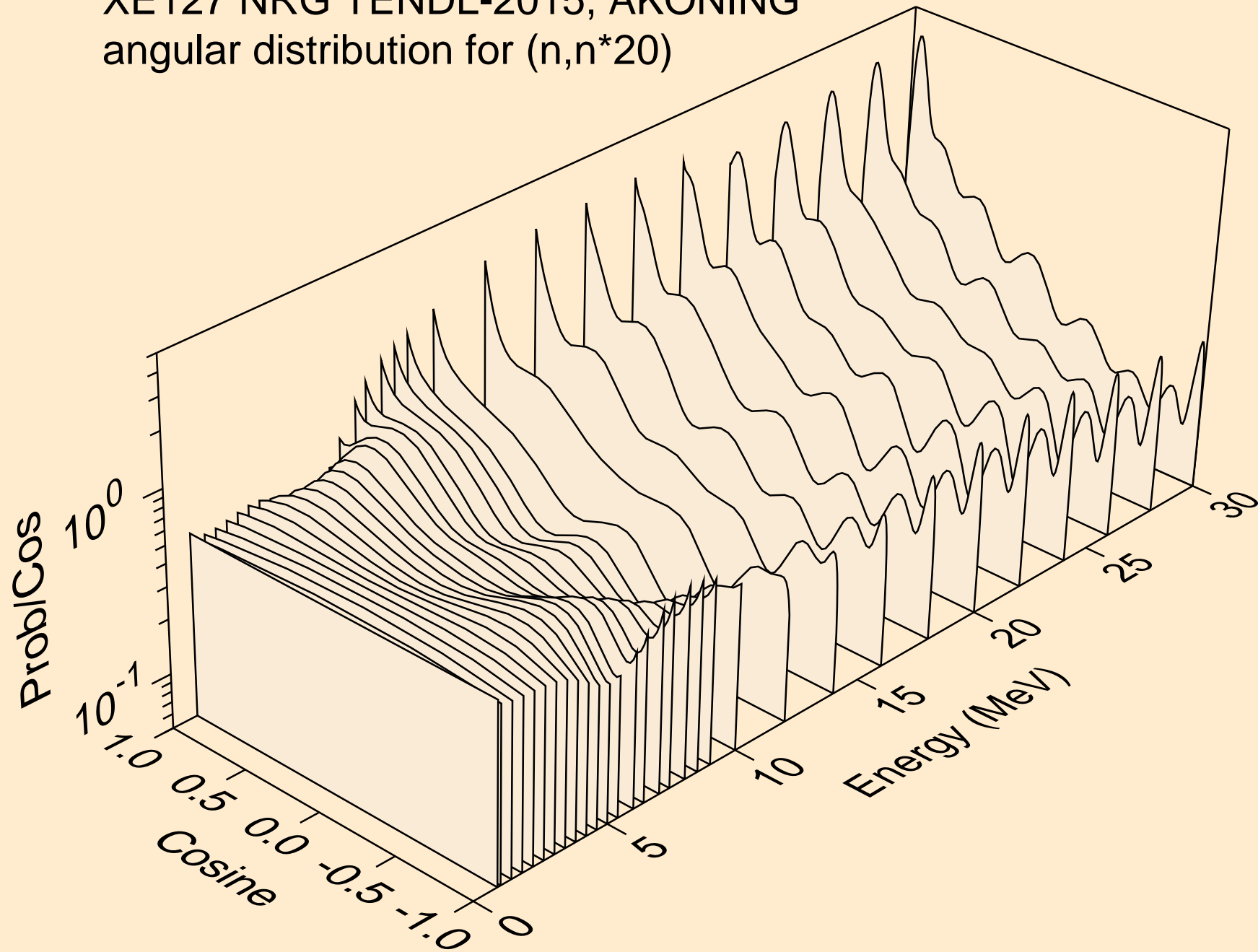
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



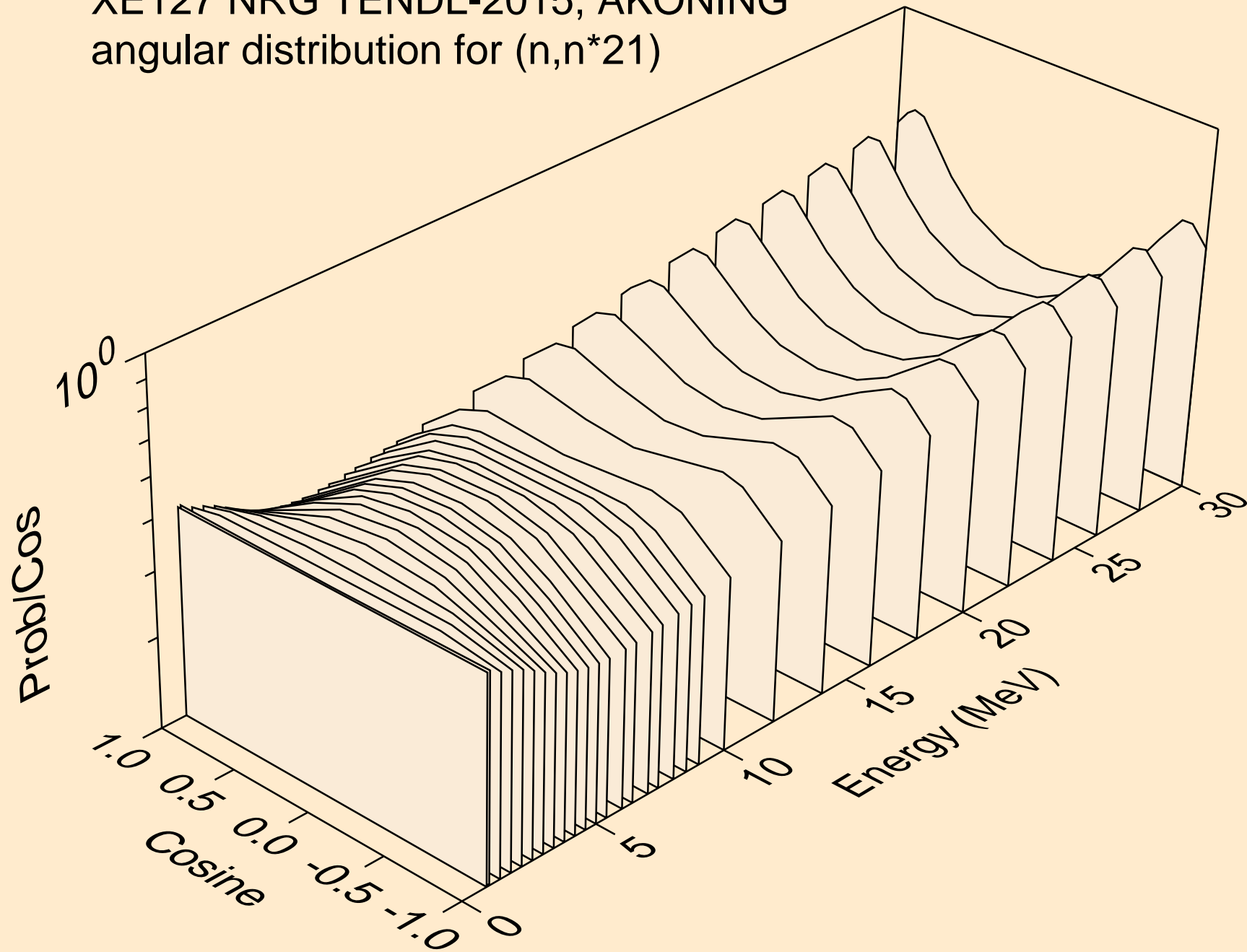
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



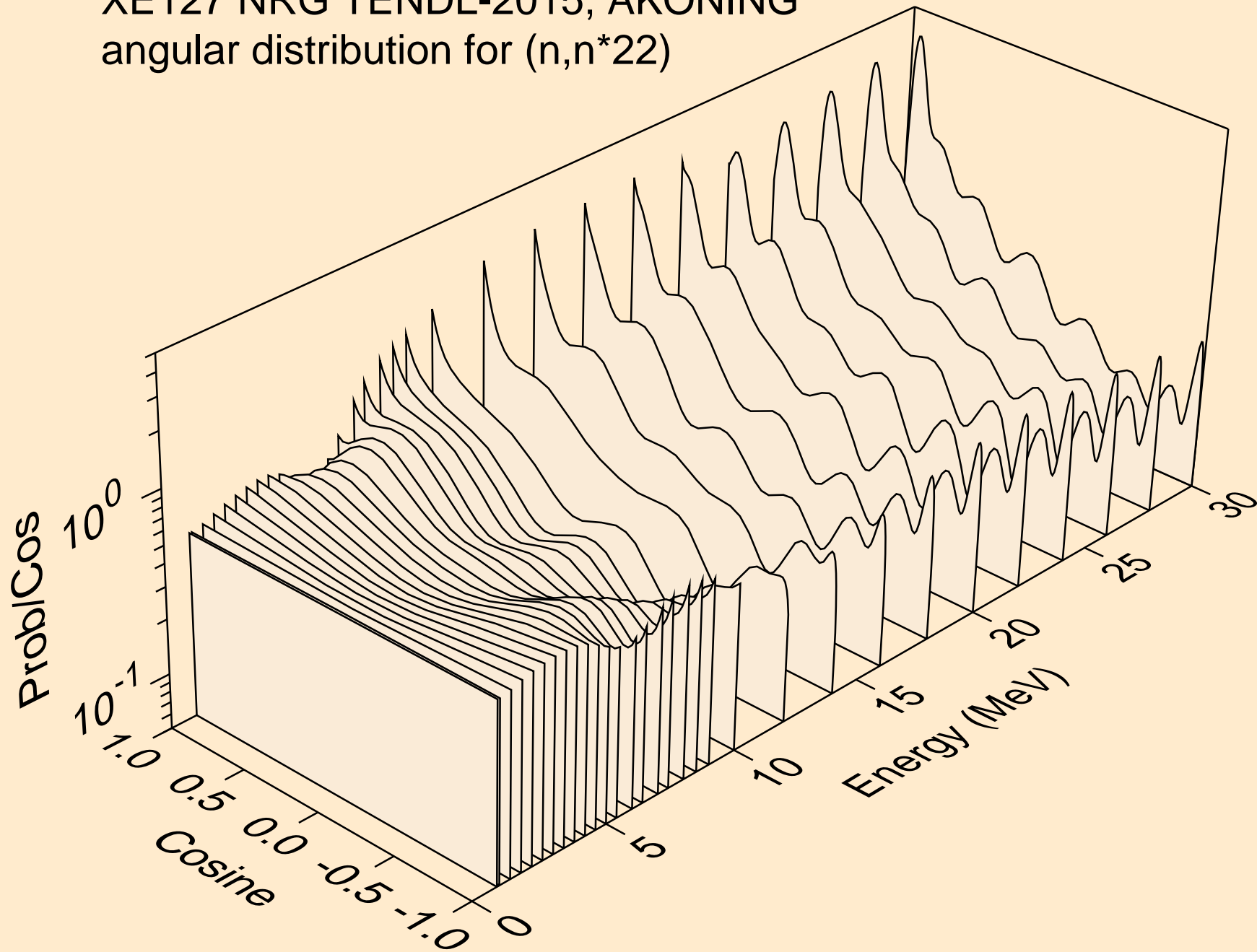
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

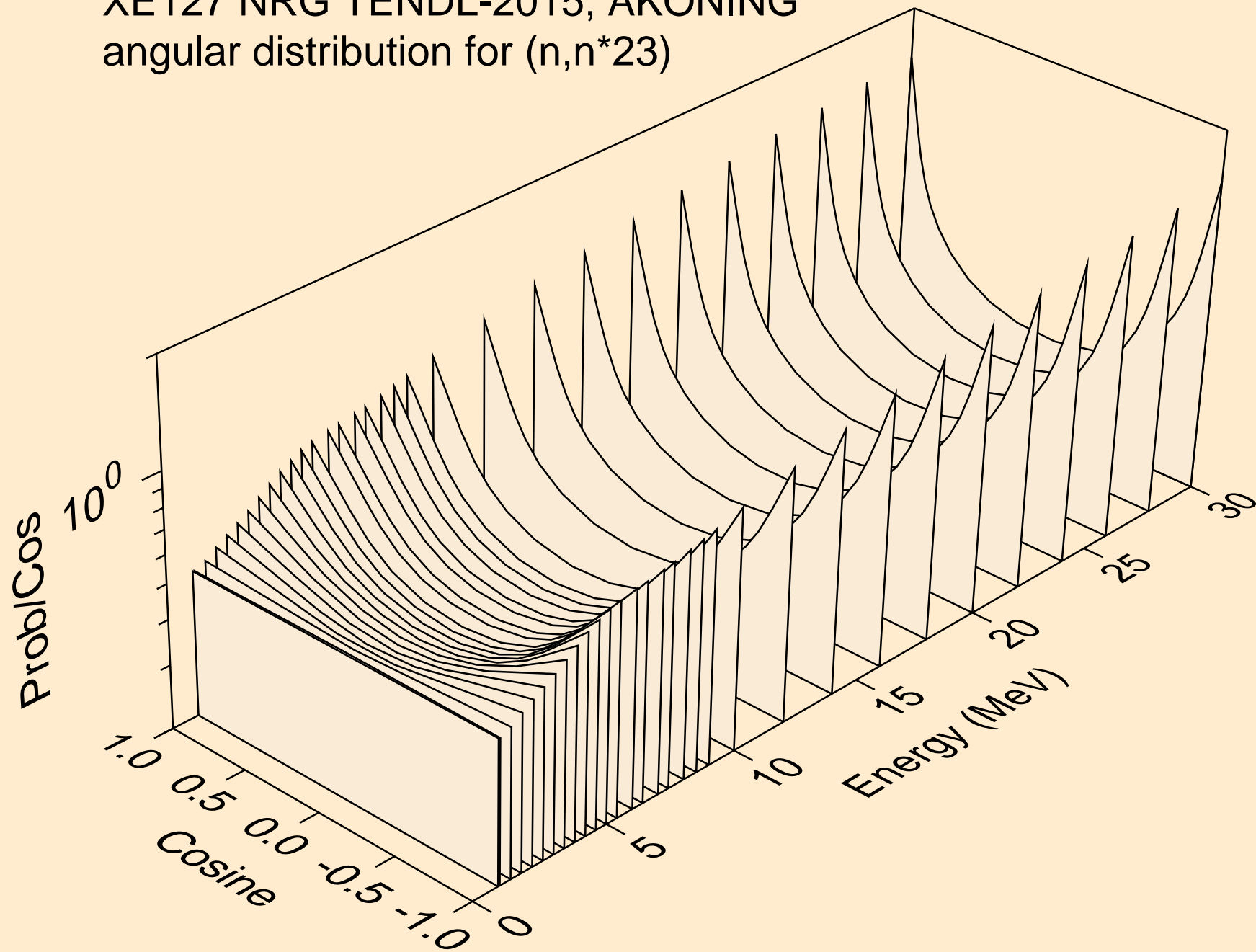


XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

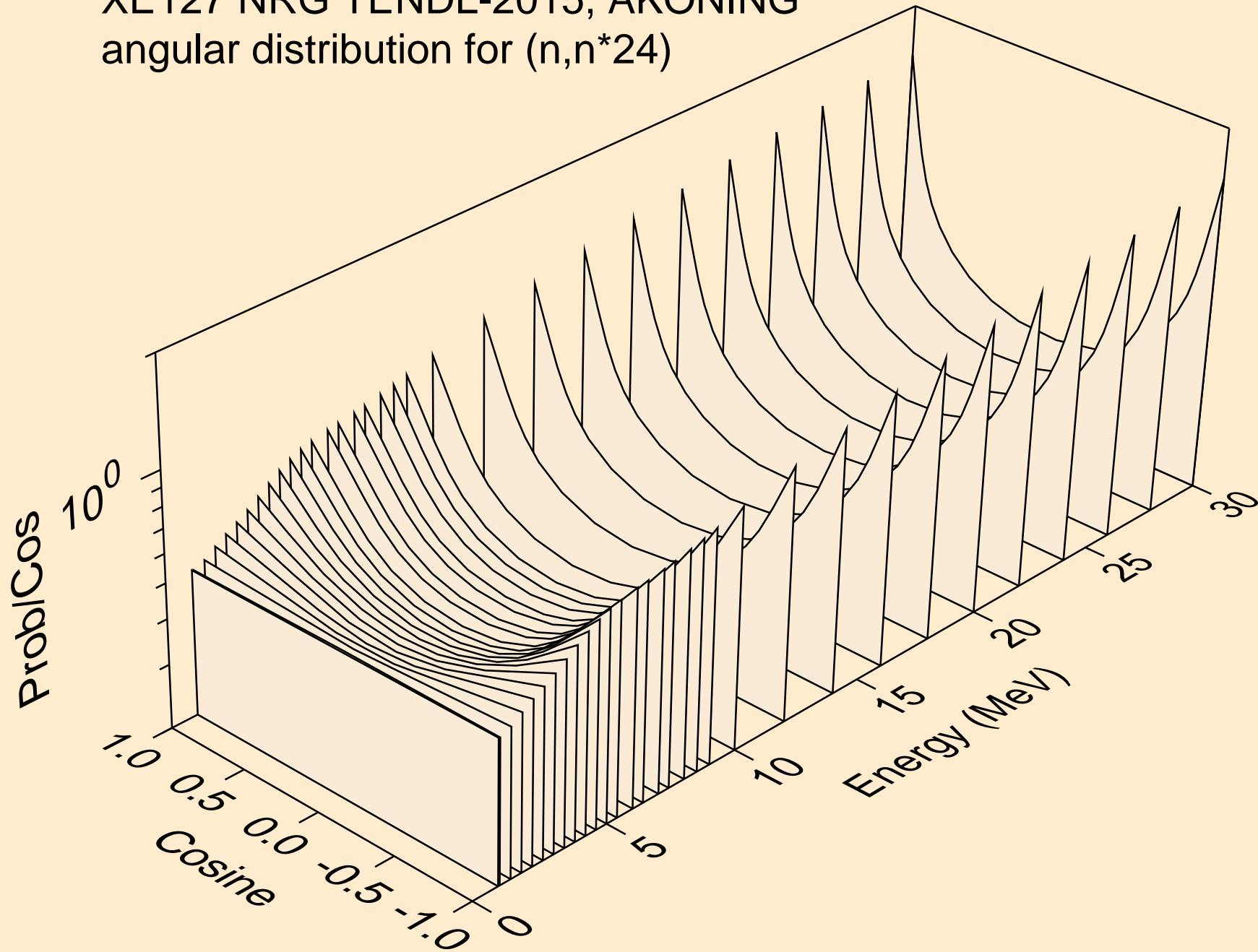




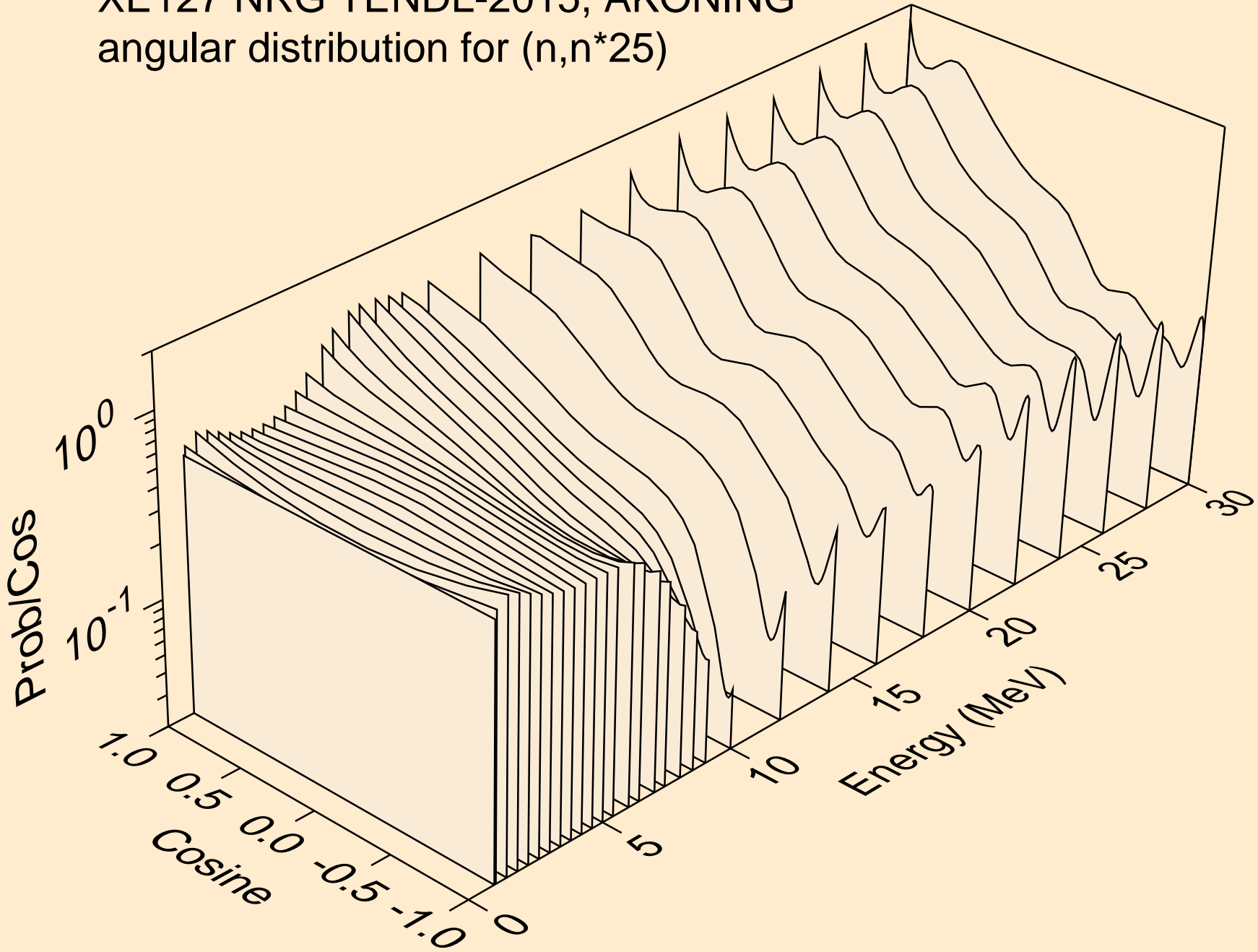
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



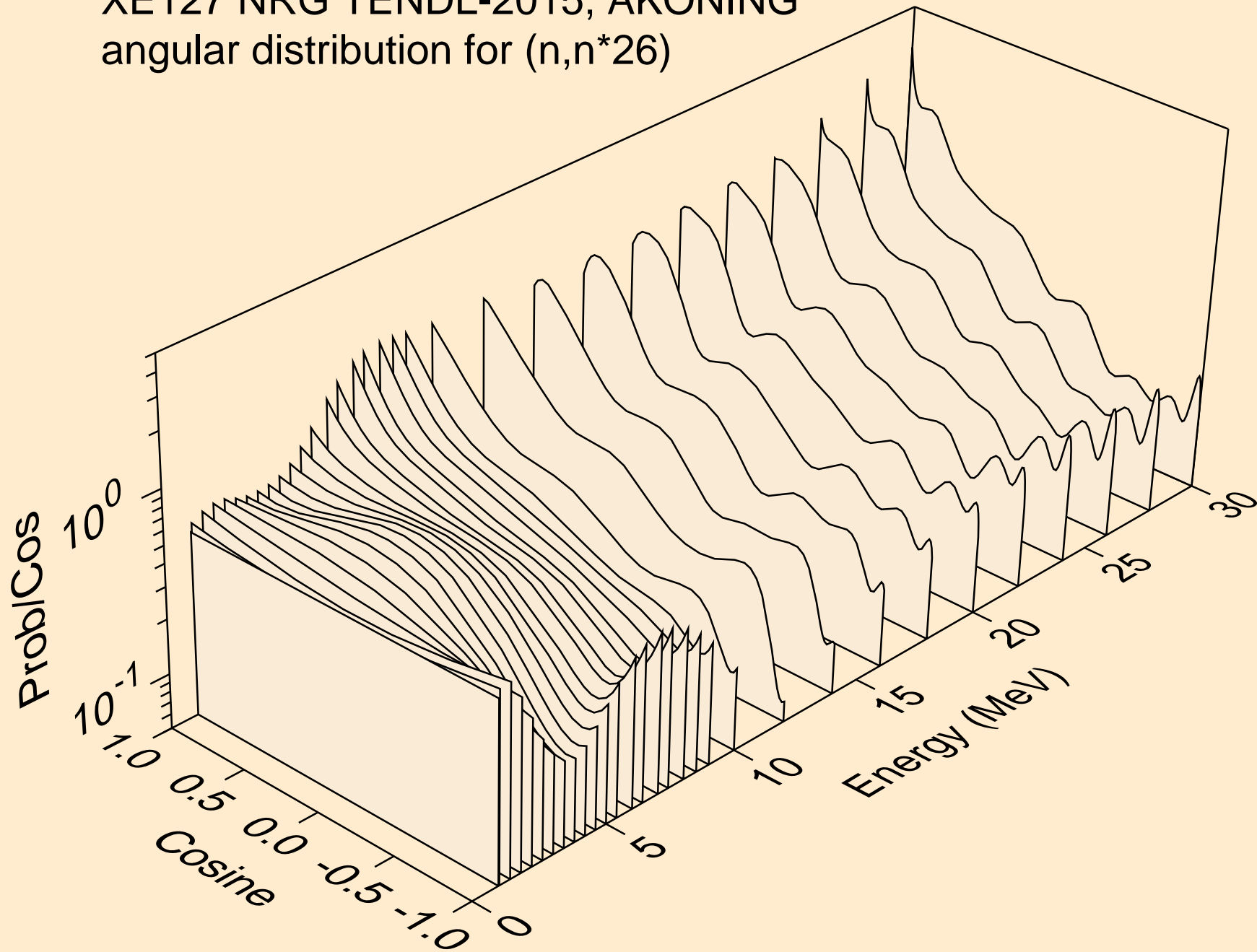
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



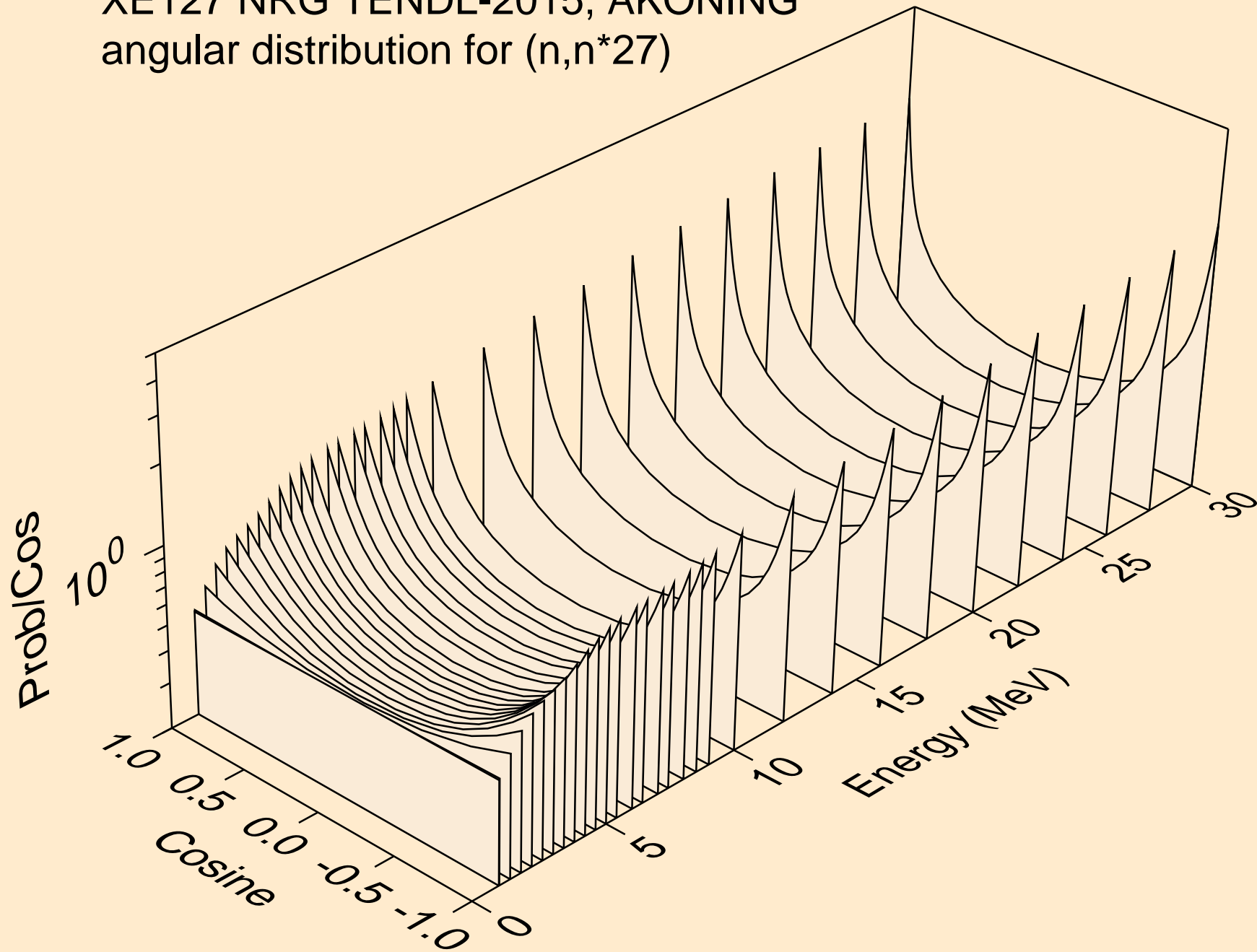
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



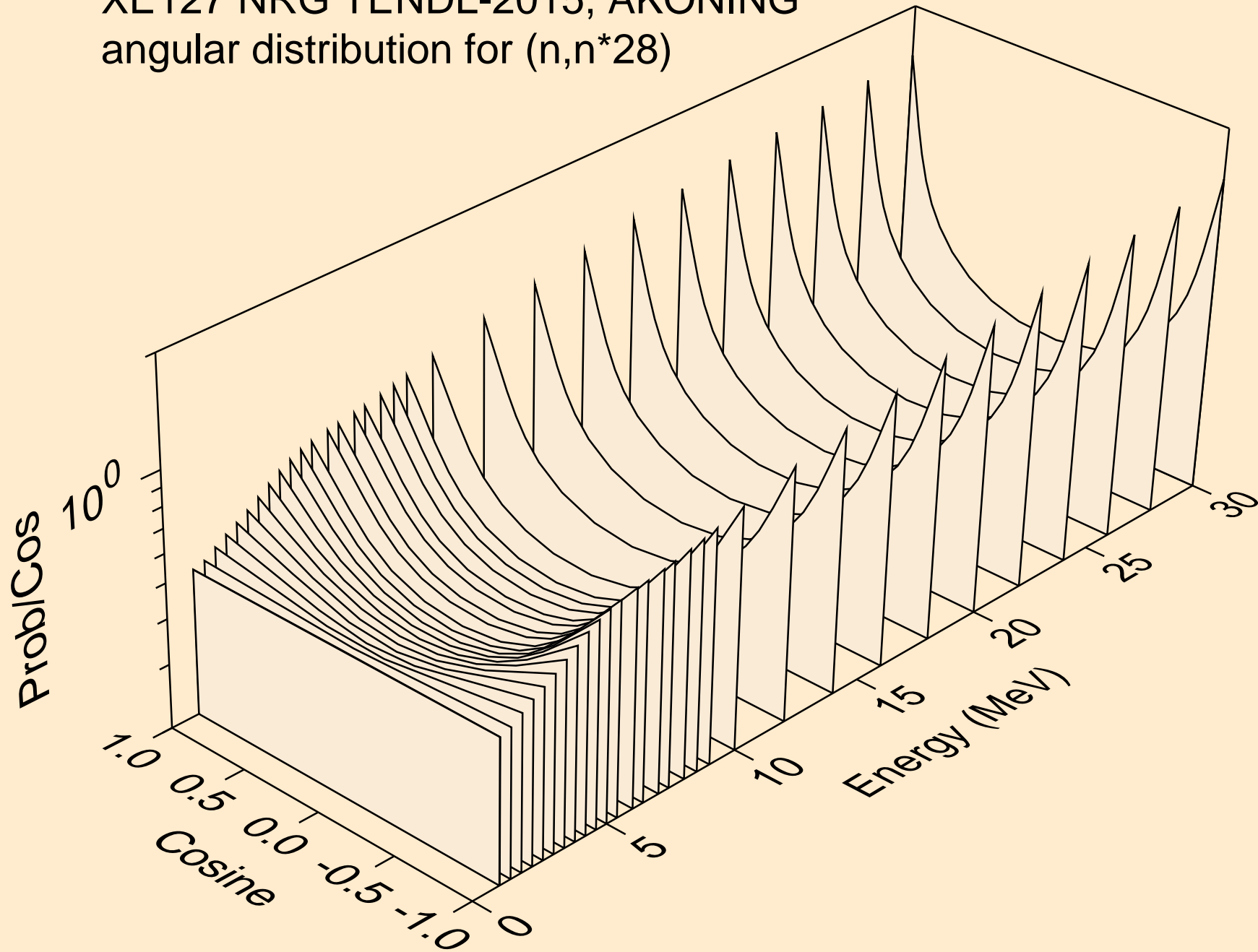
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



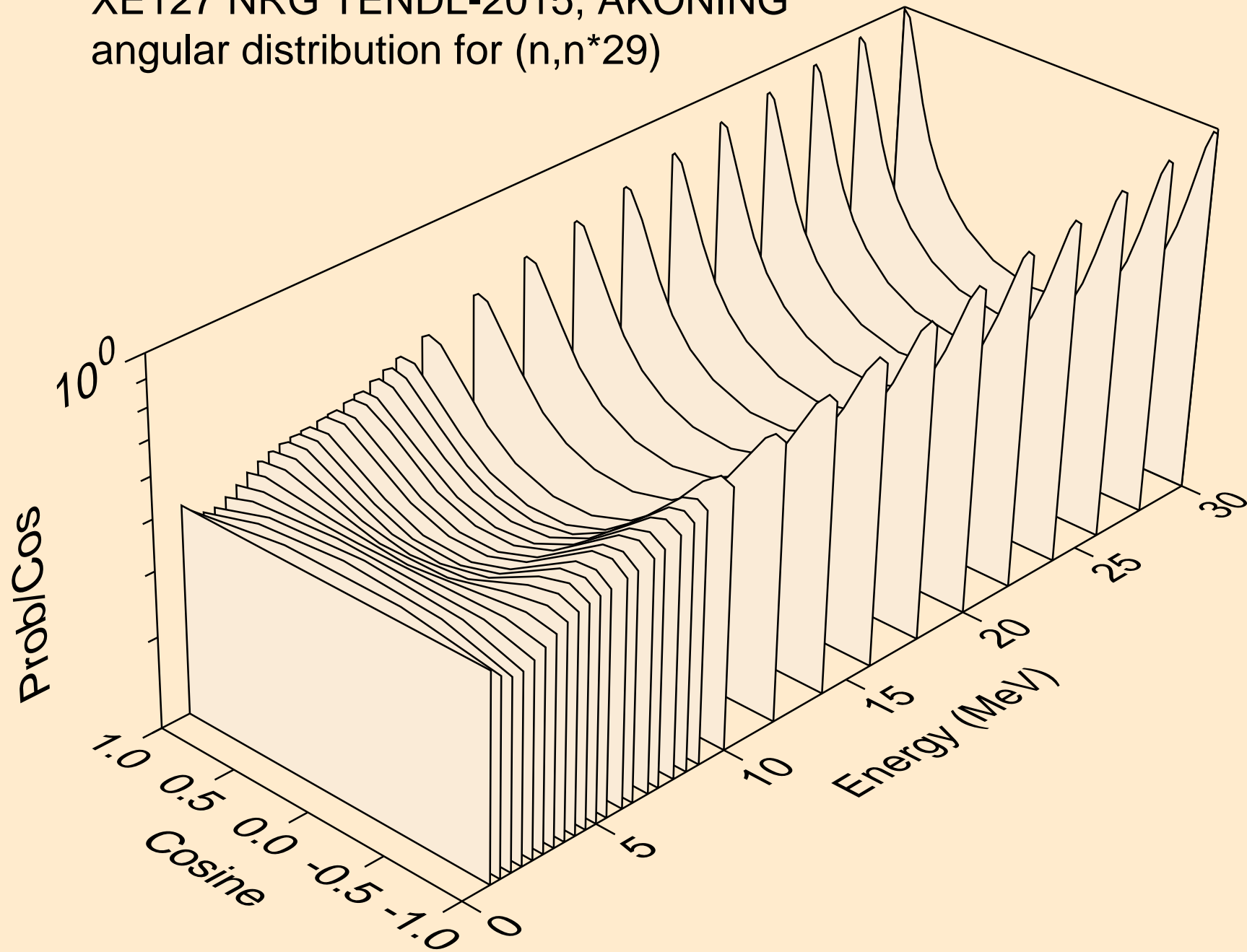
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



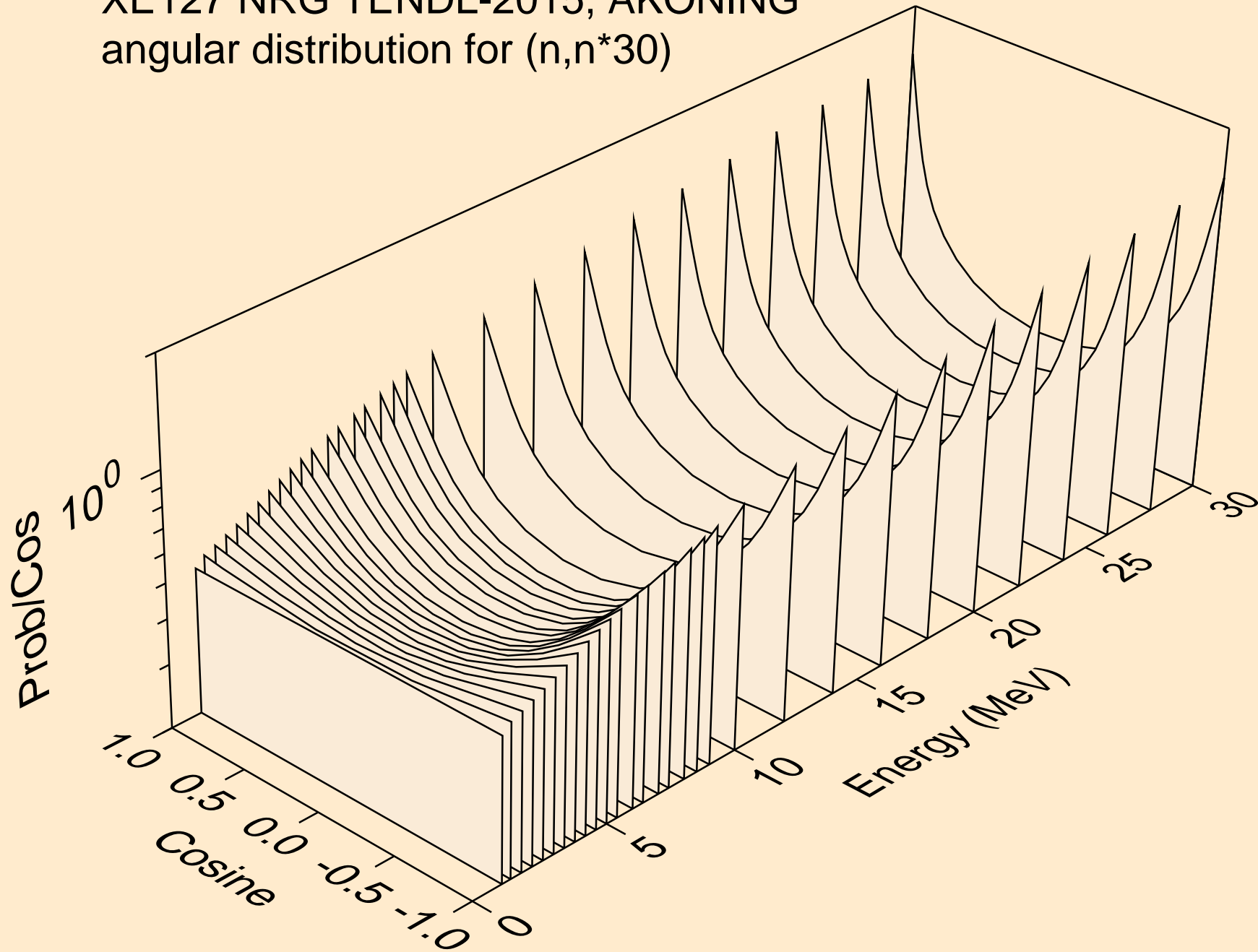
XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

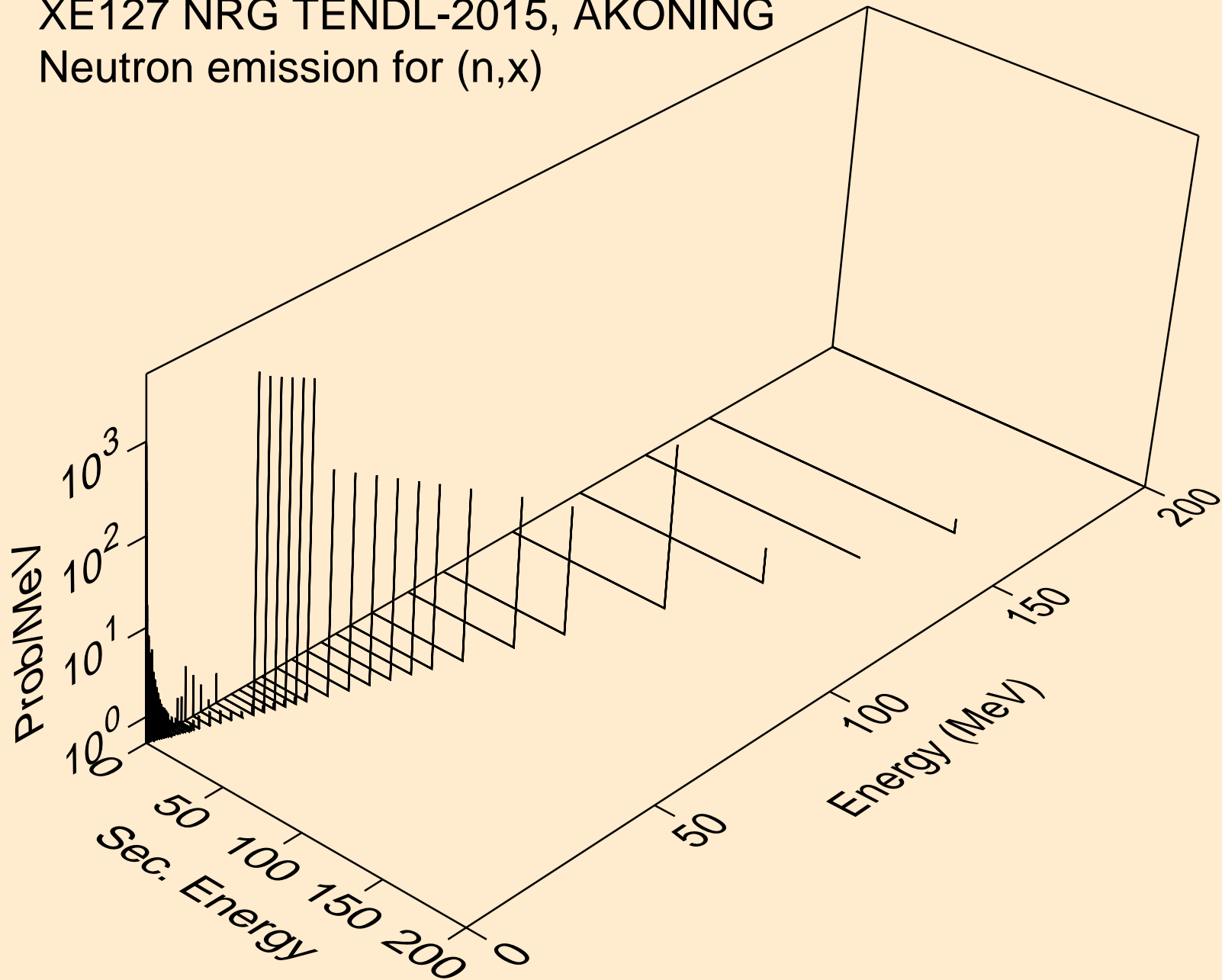


XE127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

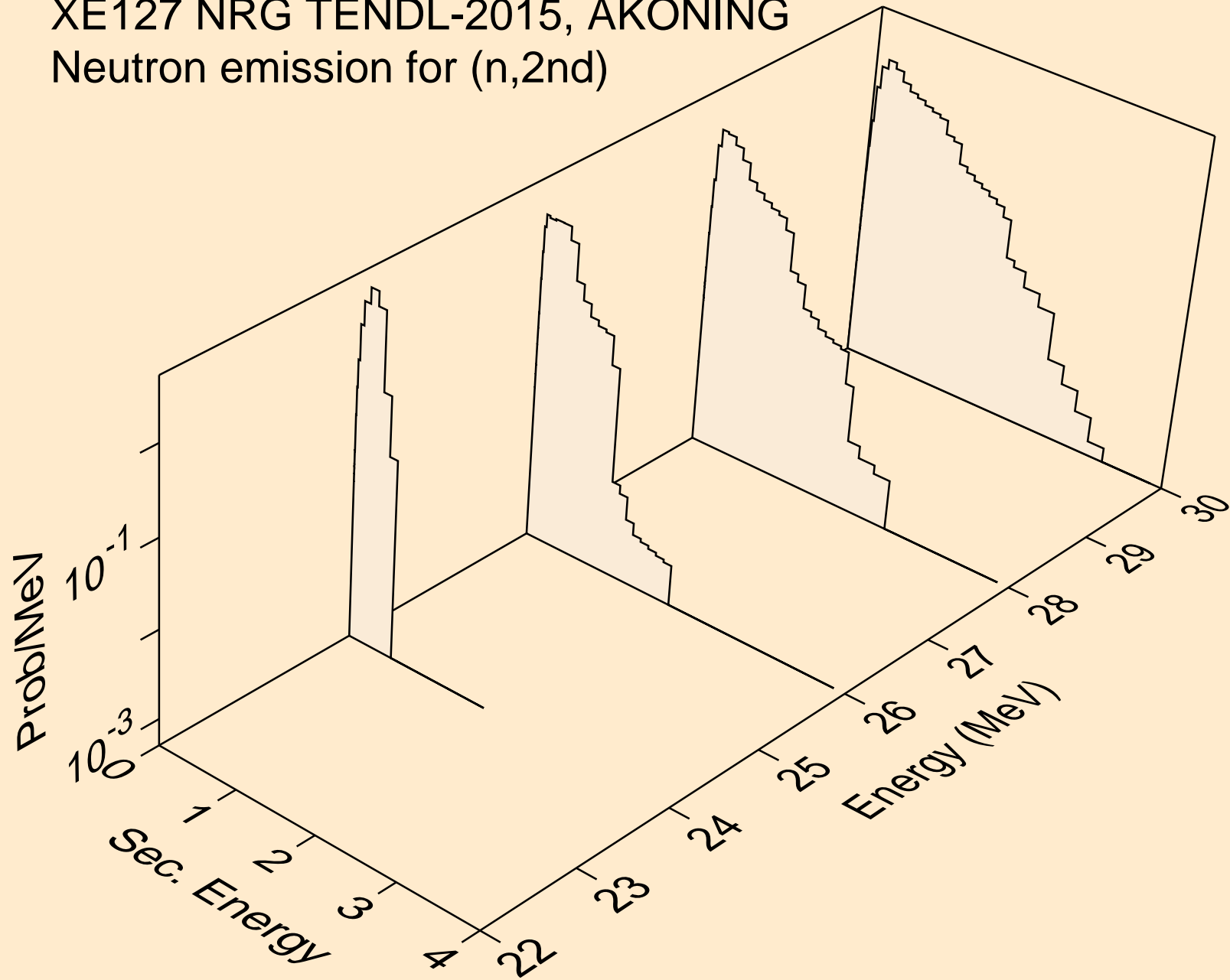




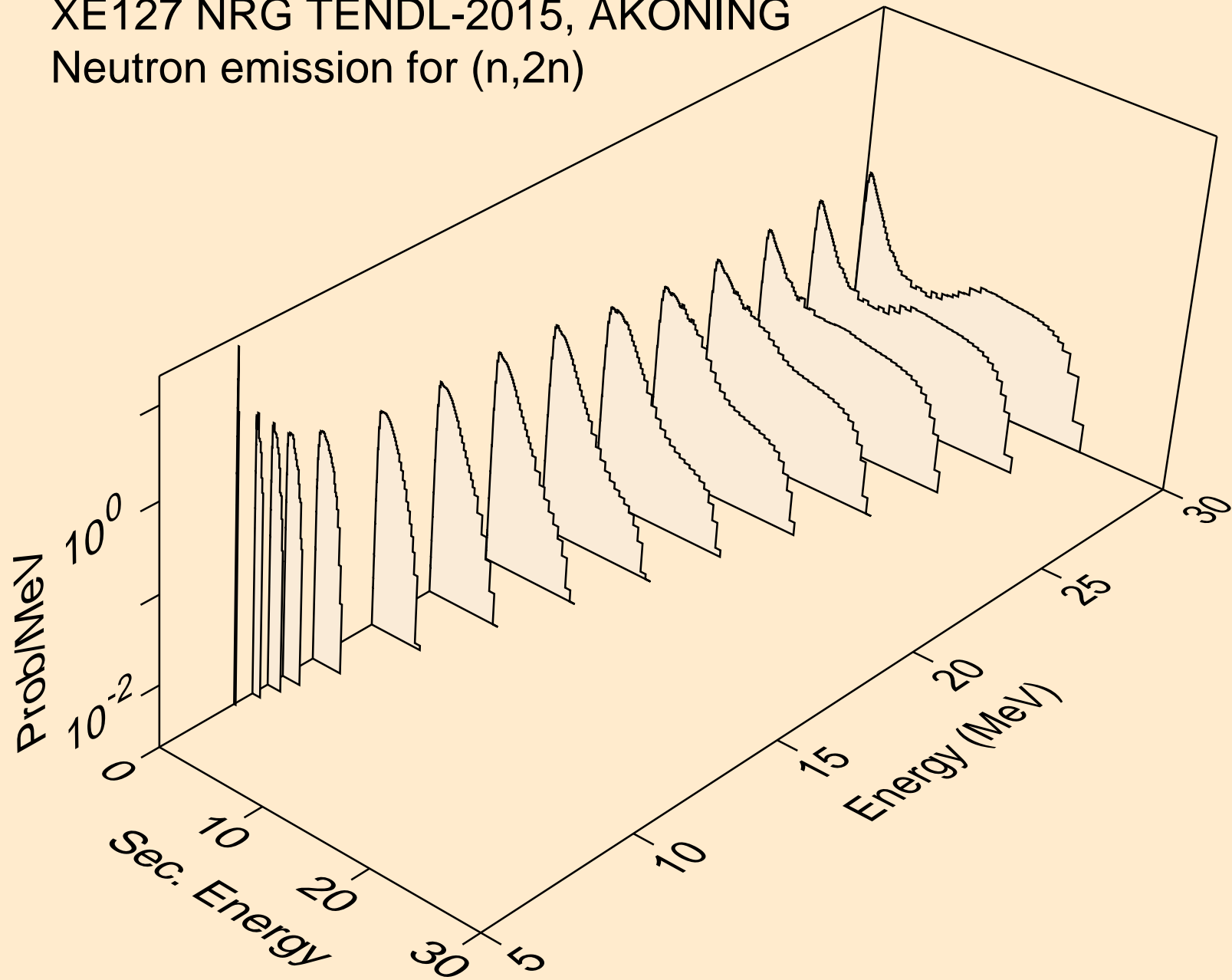
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



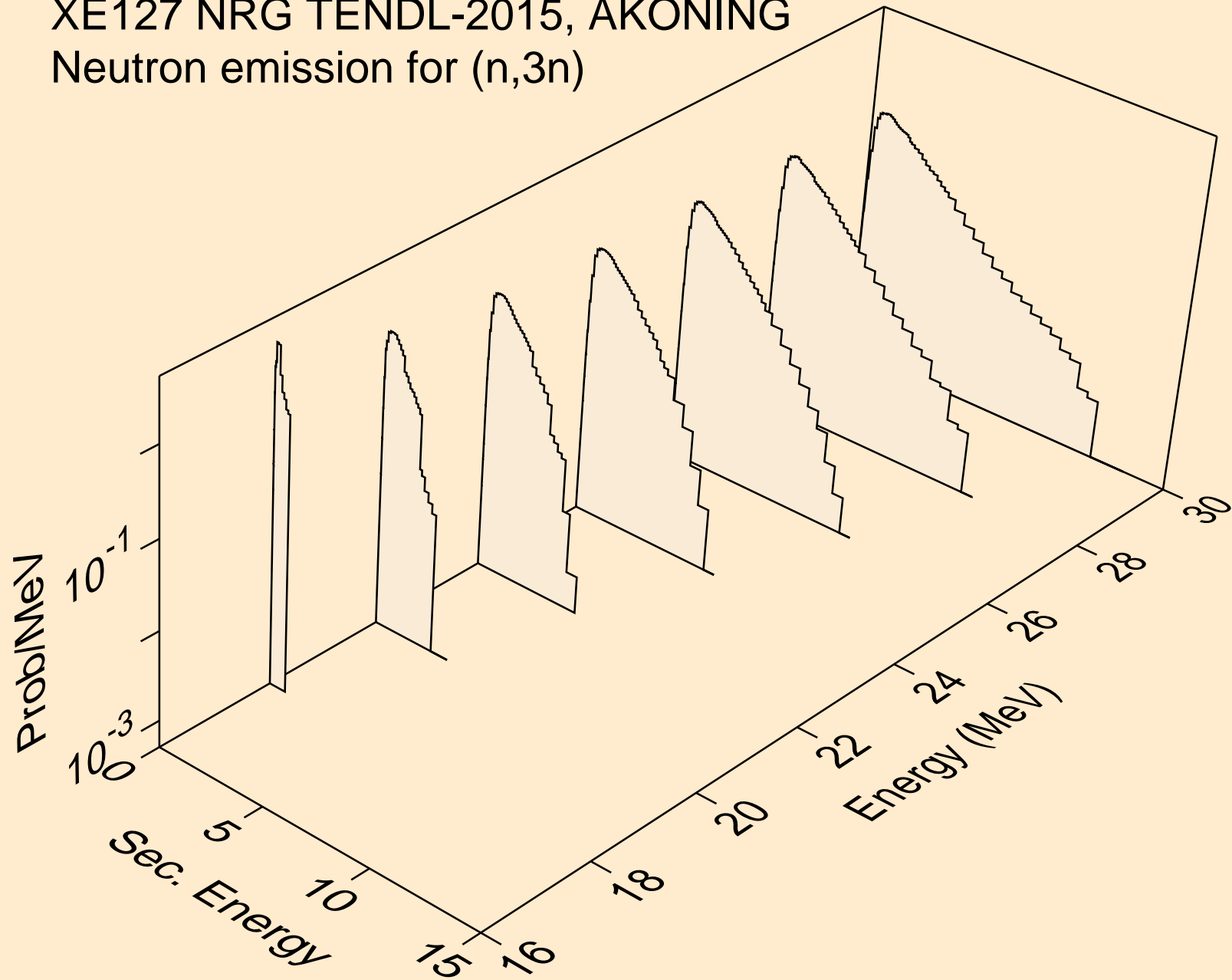
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



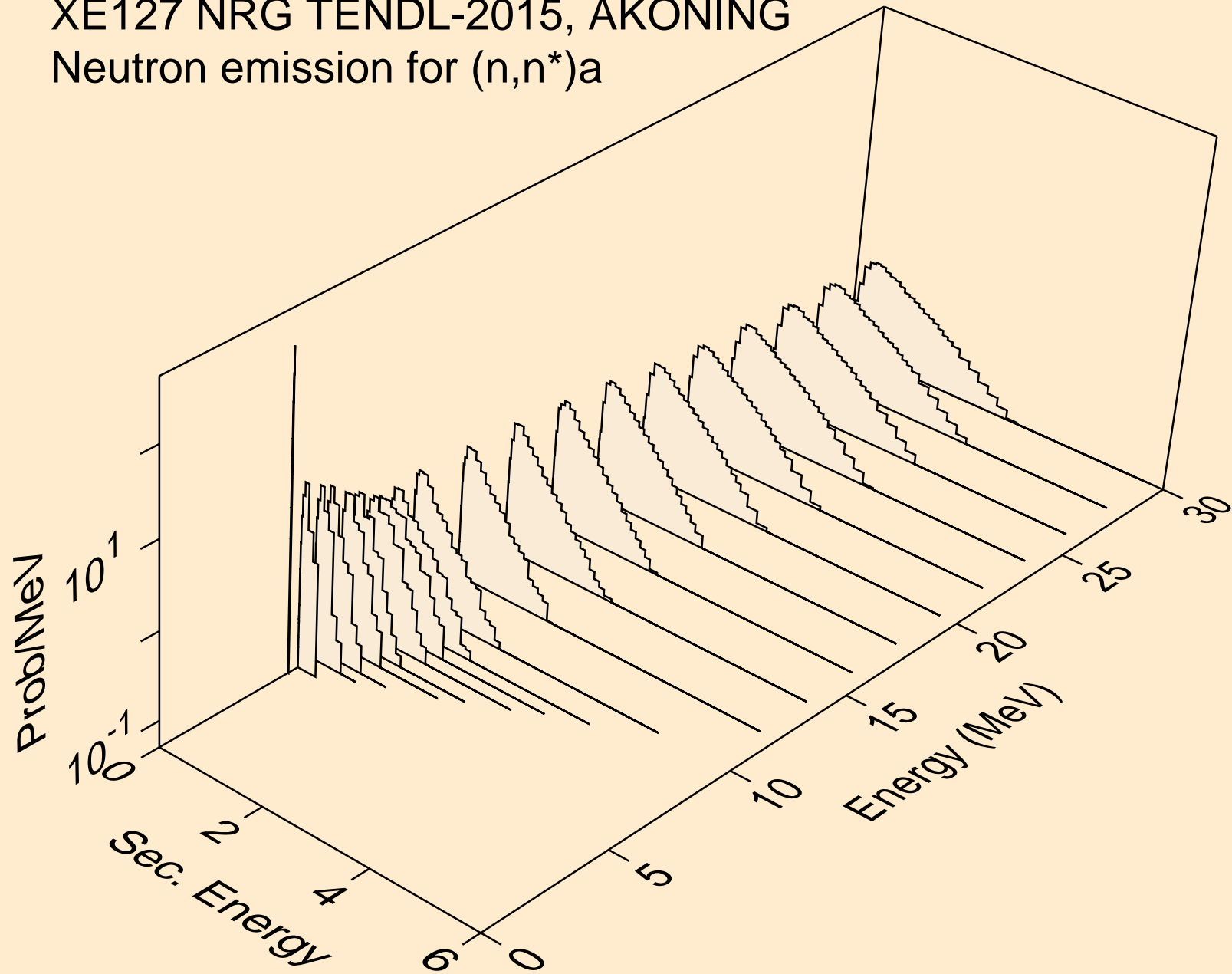
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



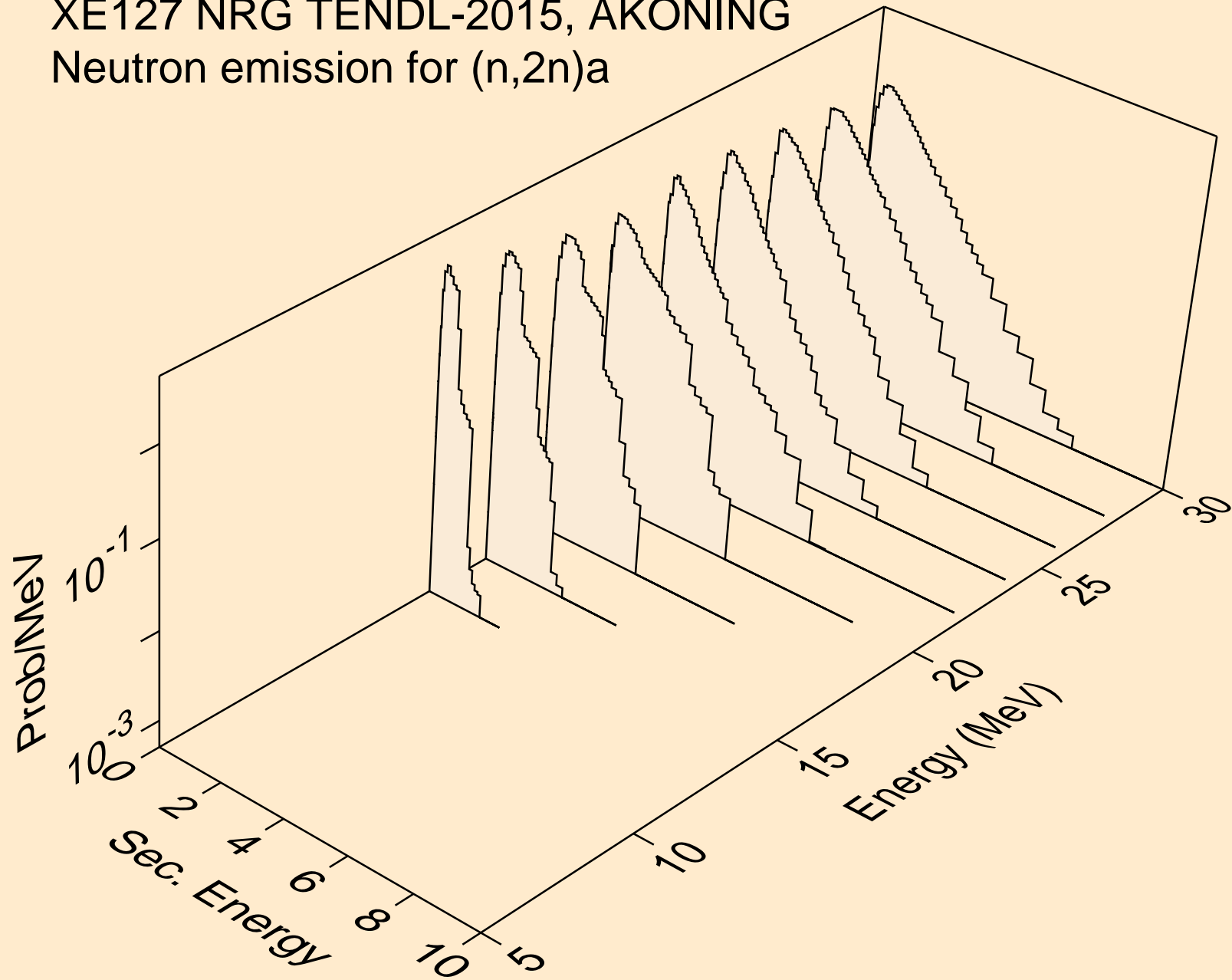
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



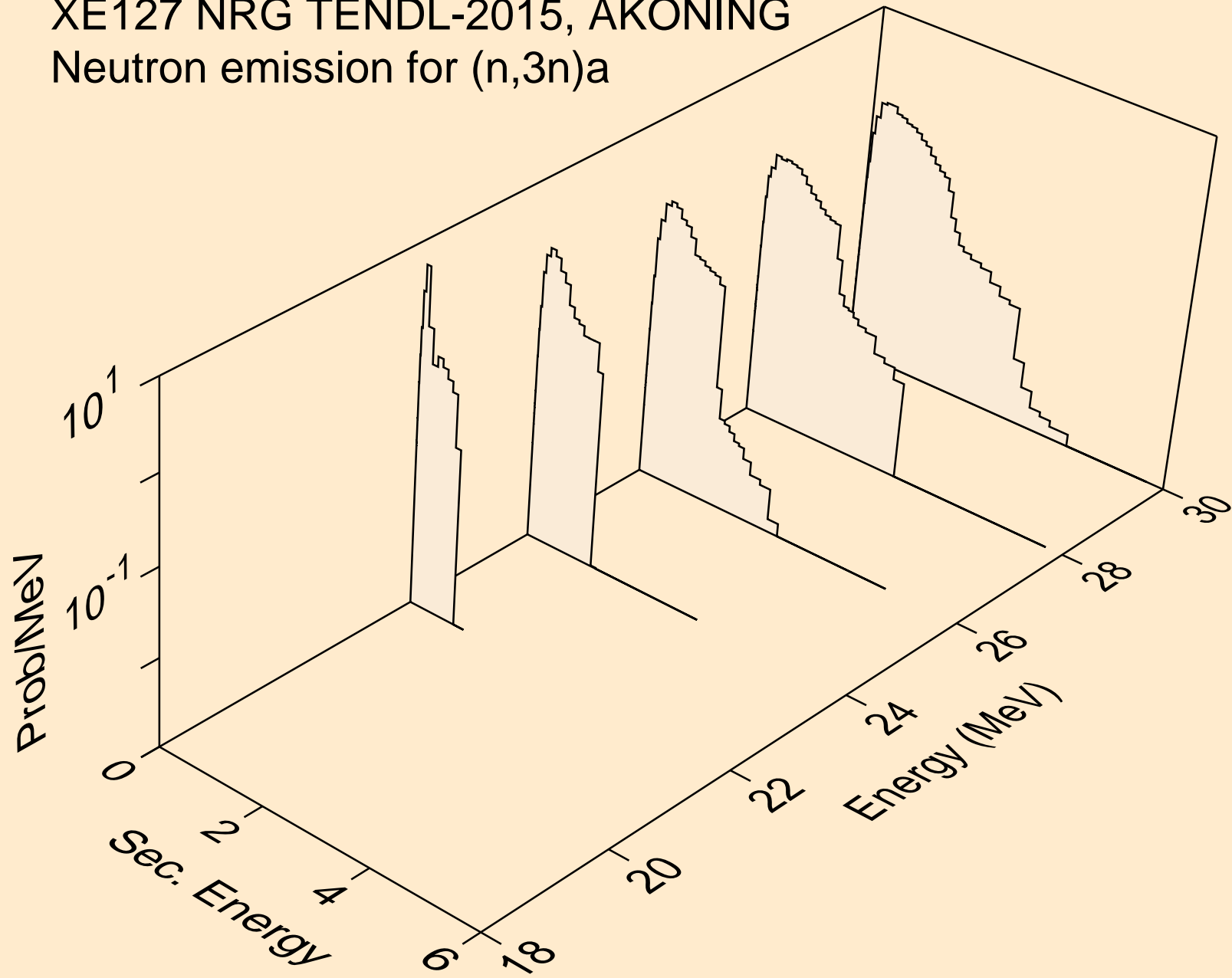
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



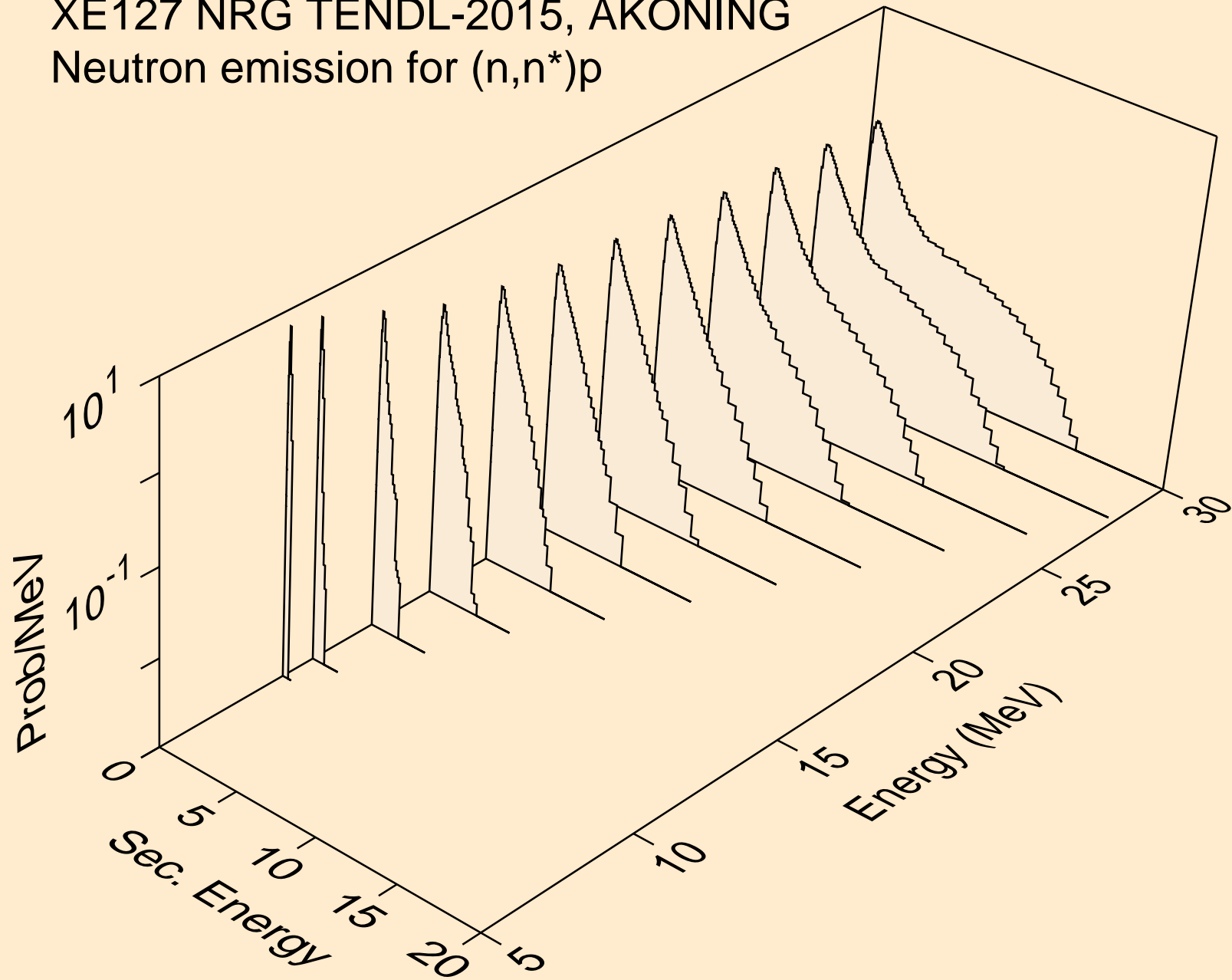
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

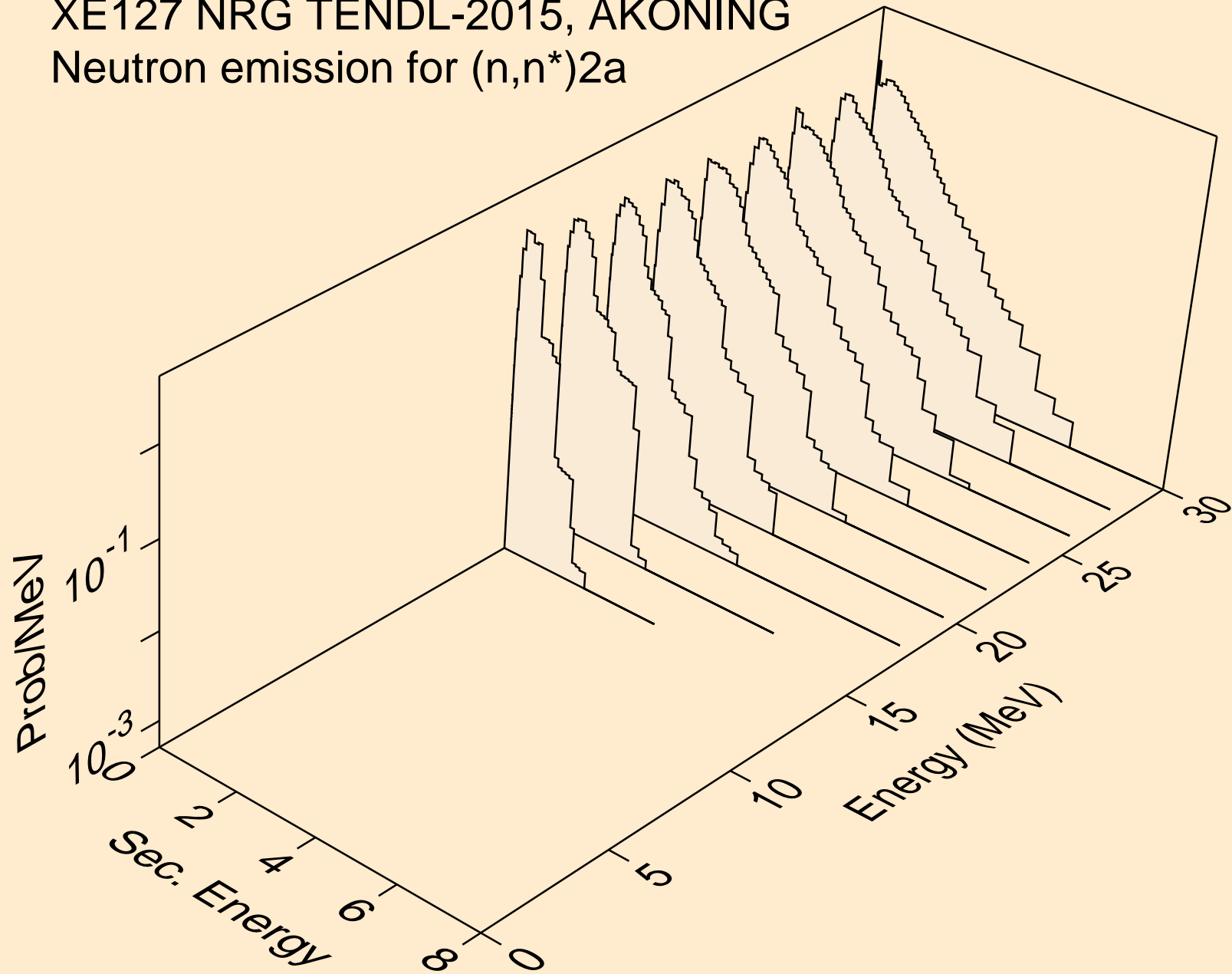


XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

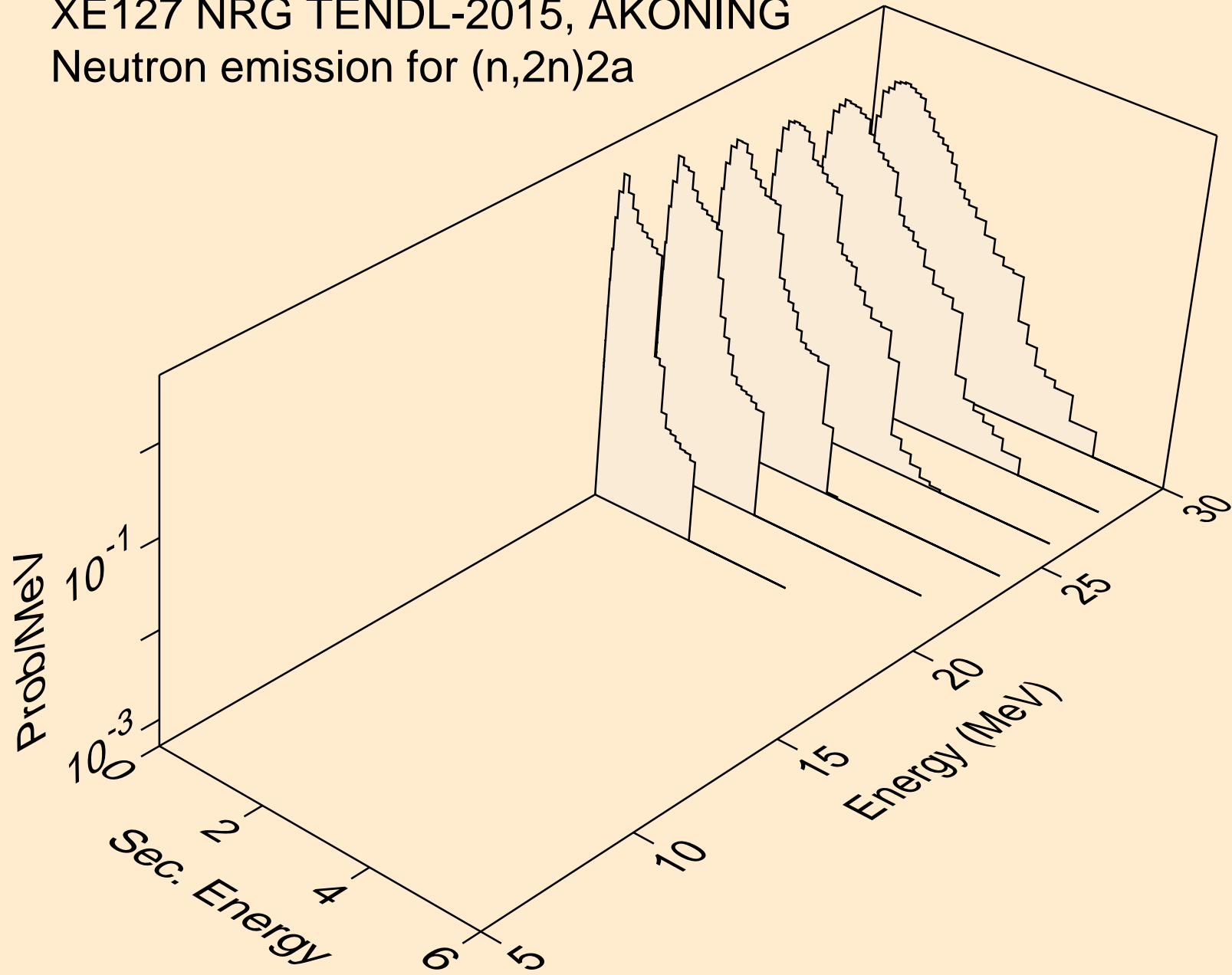




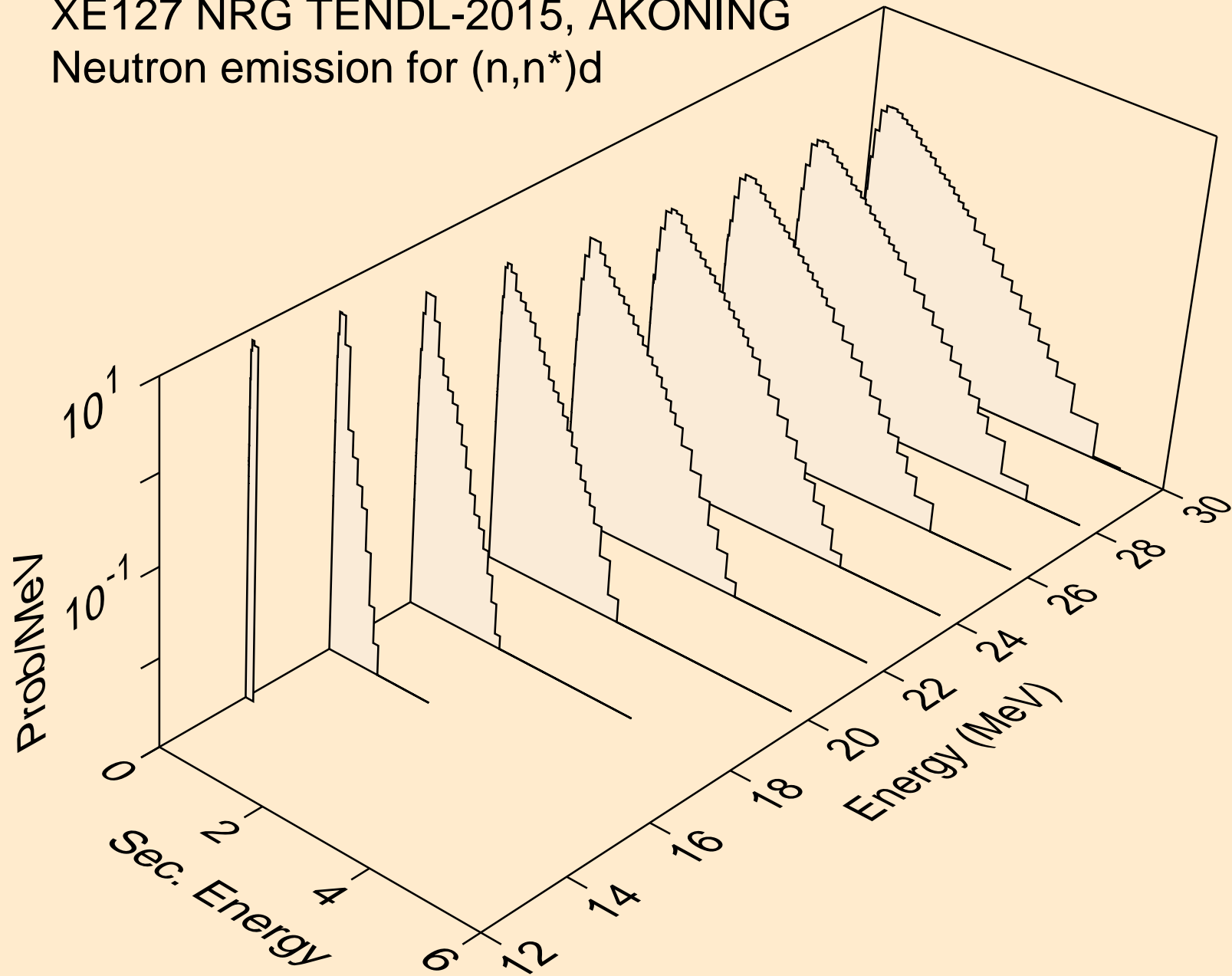
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



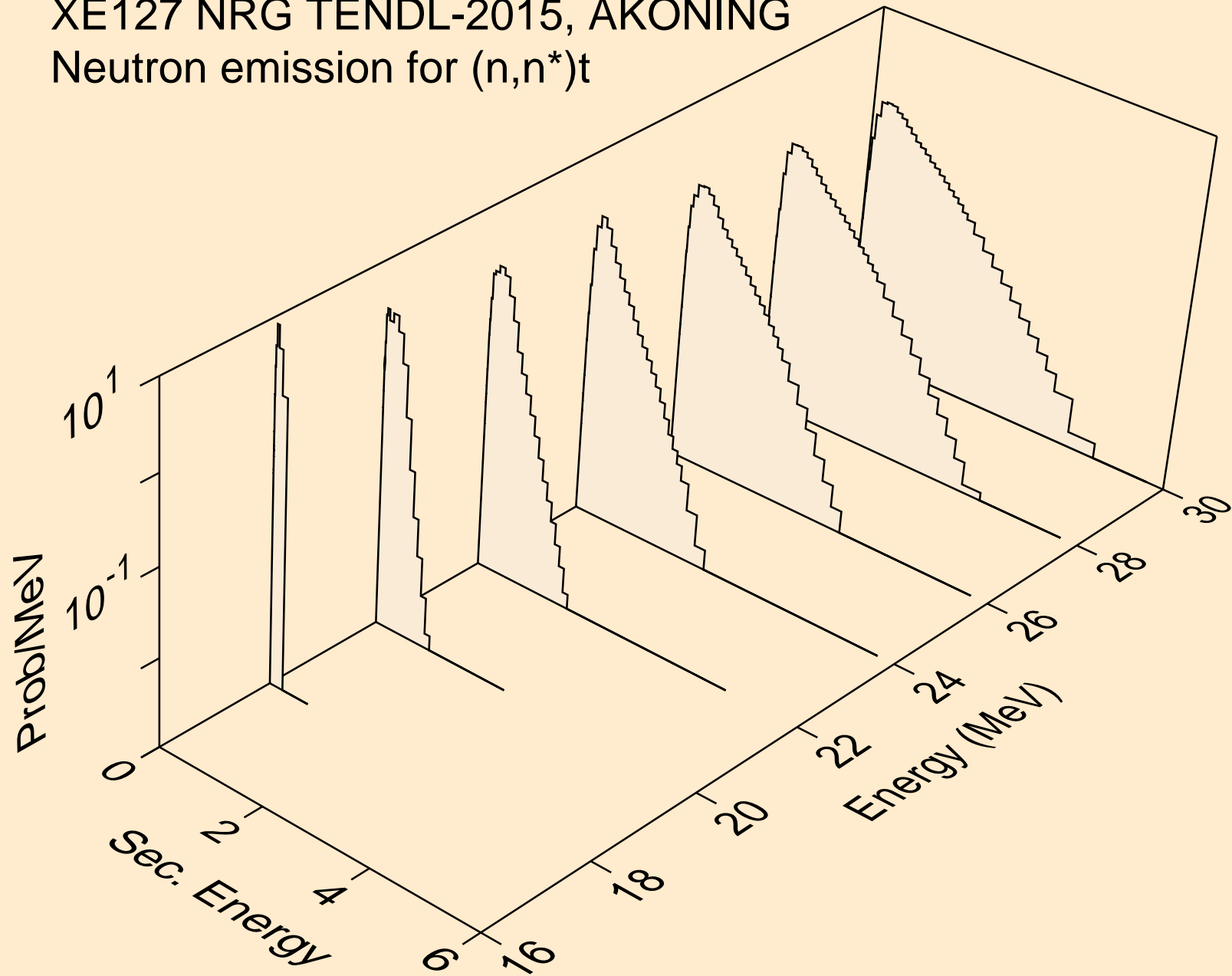
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



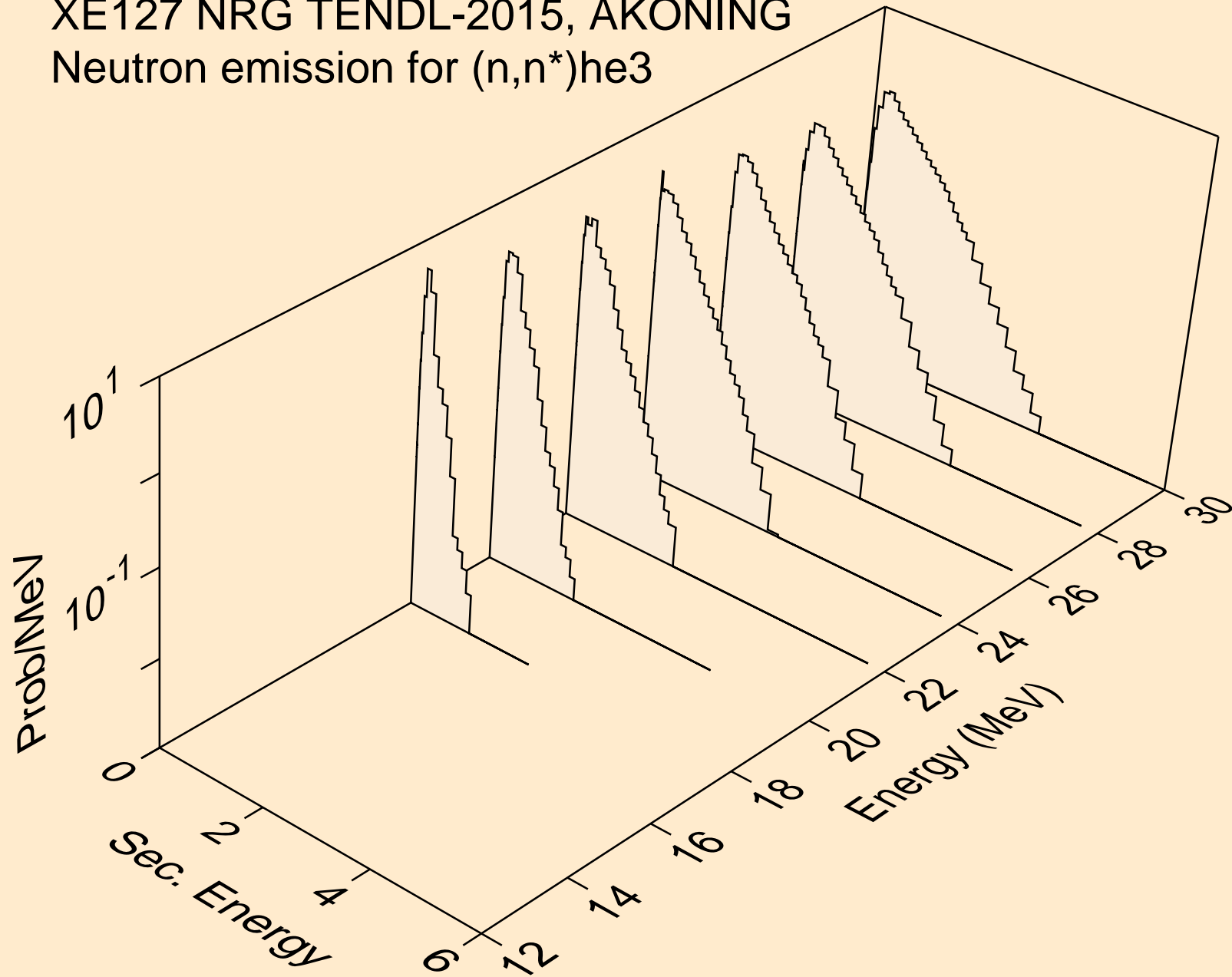
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



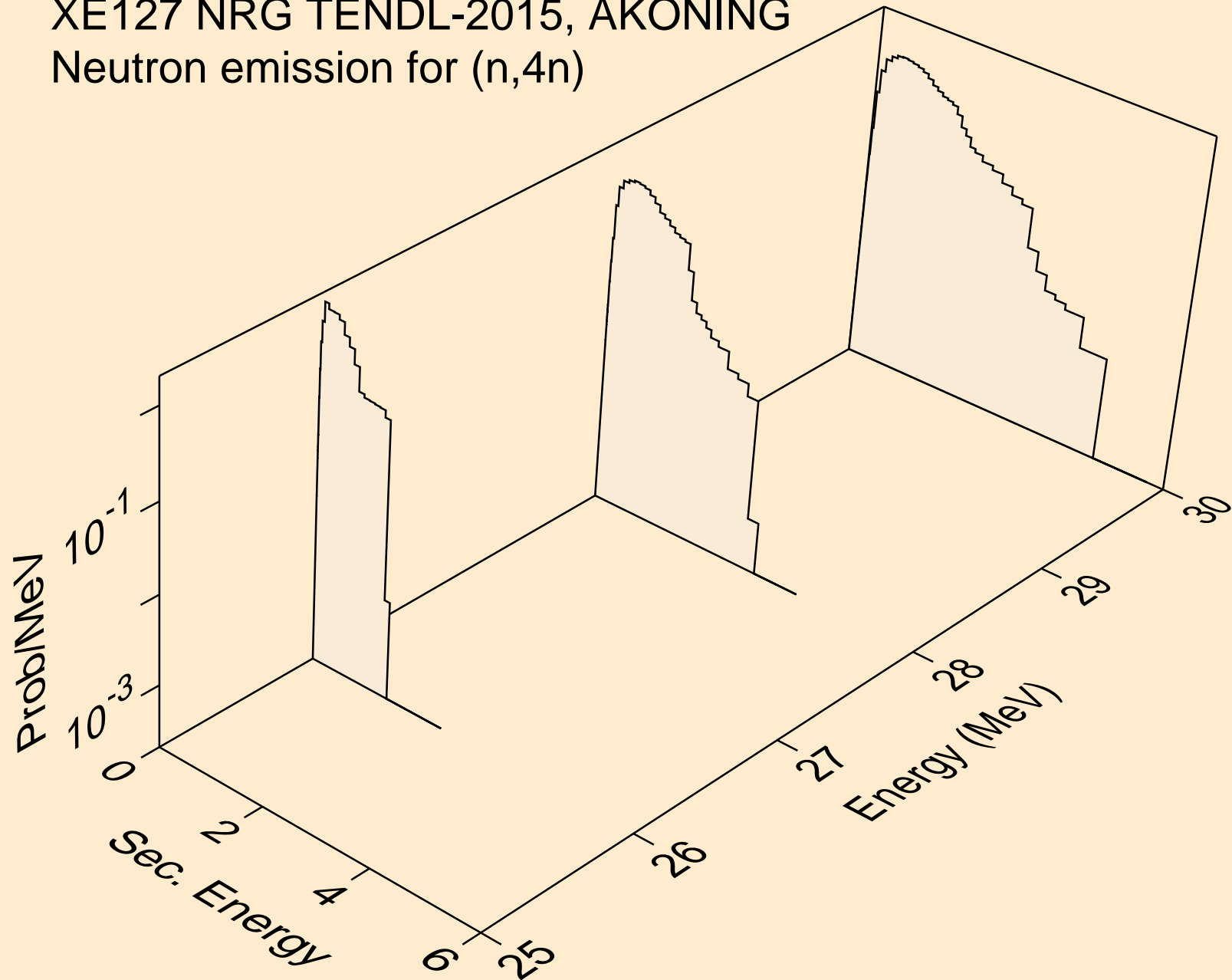
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



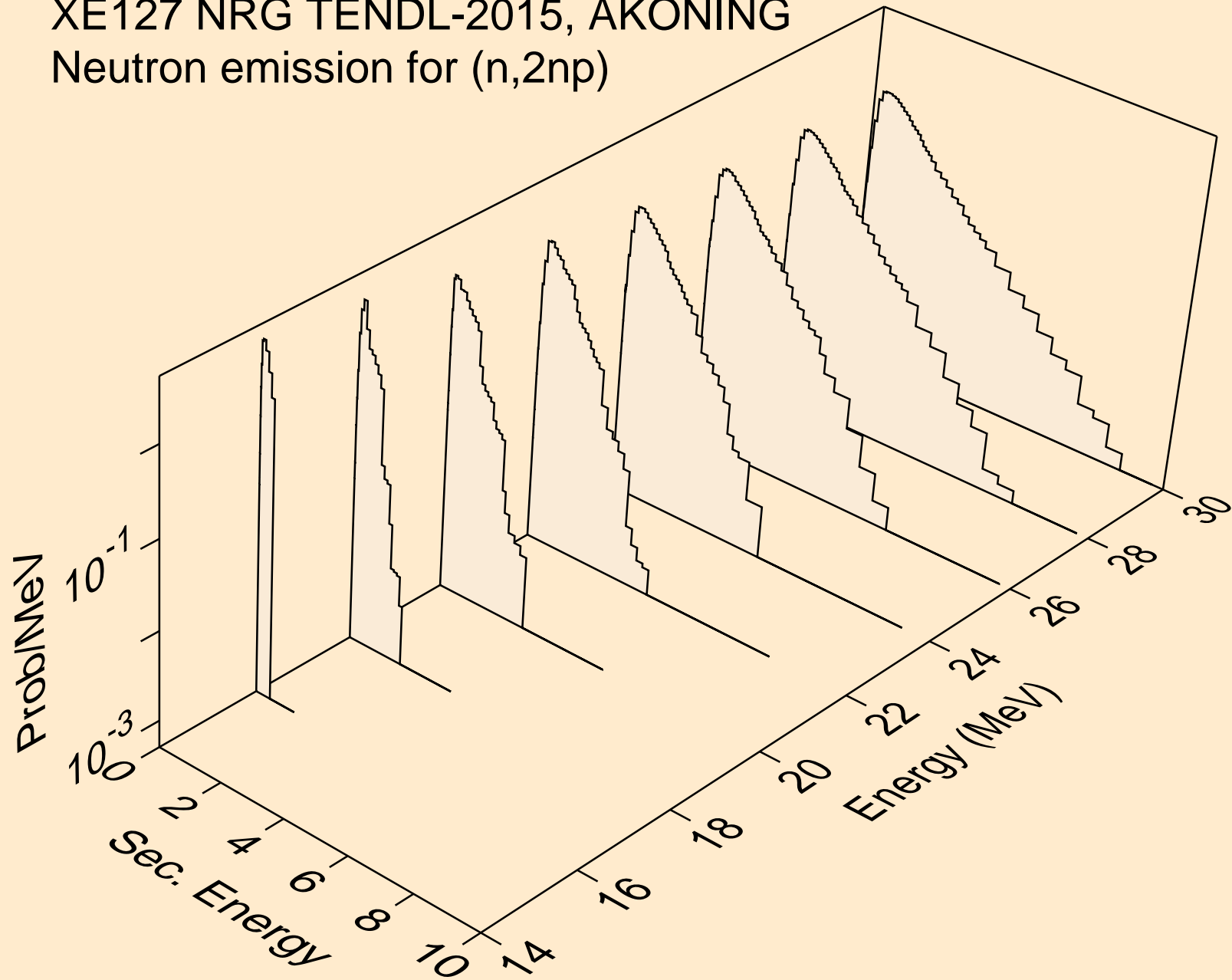
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



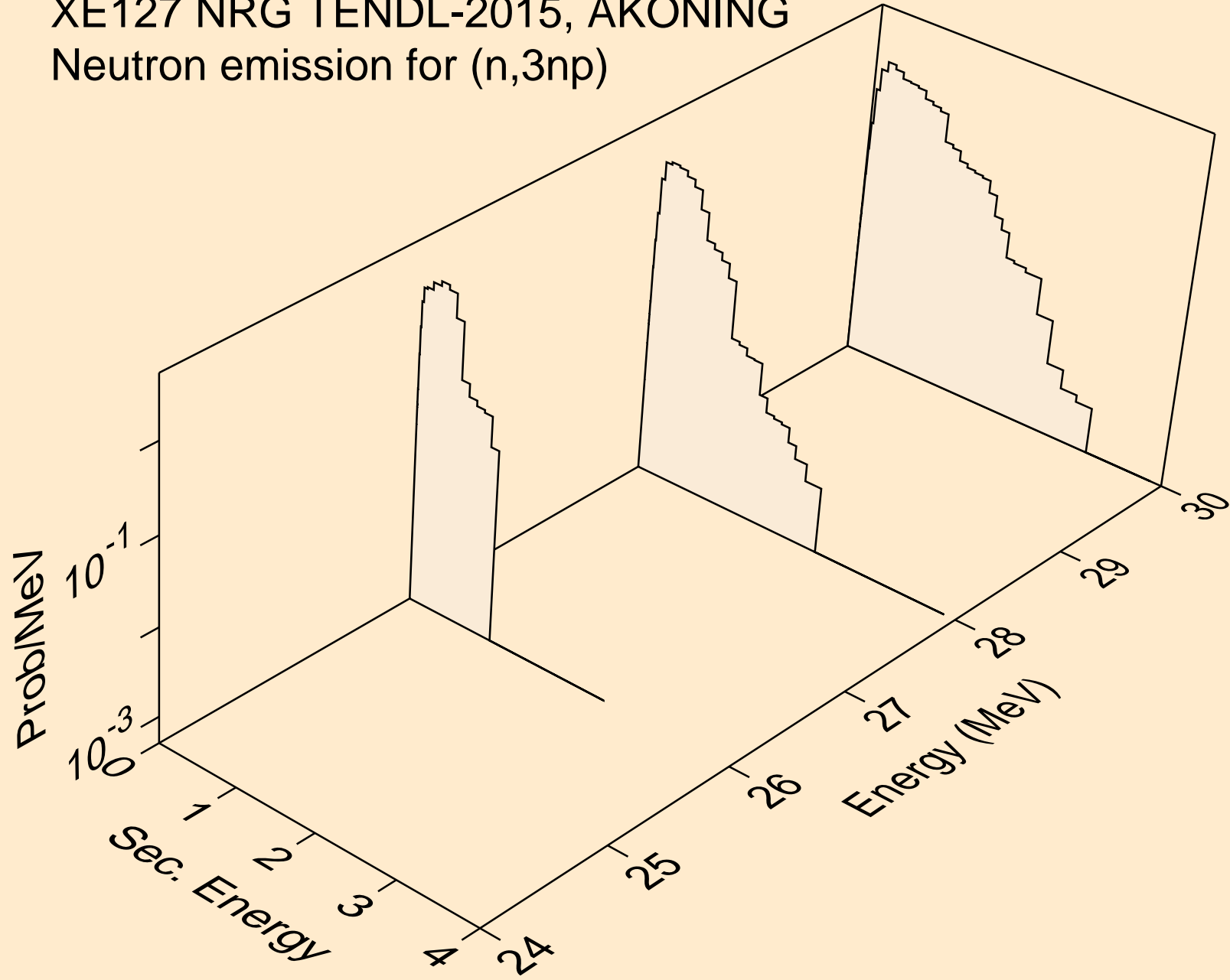
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

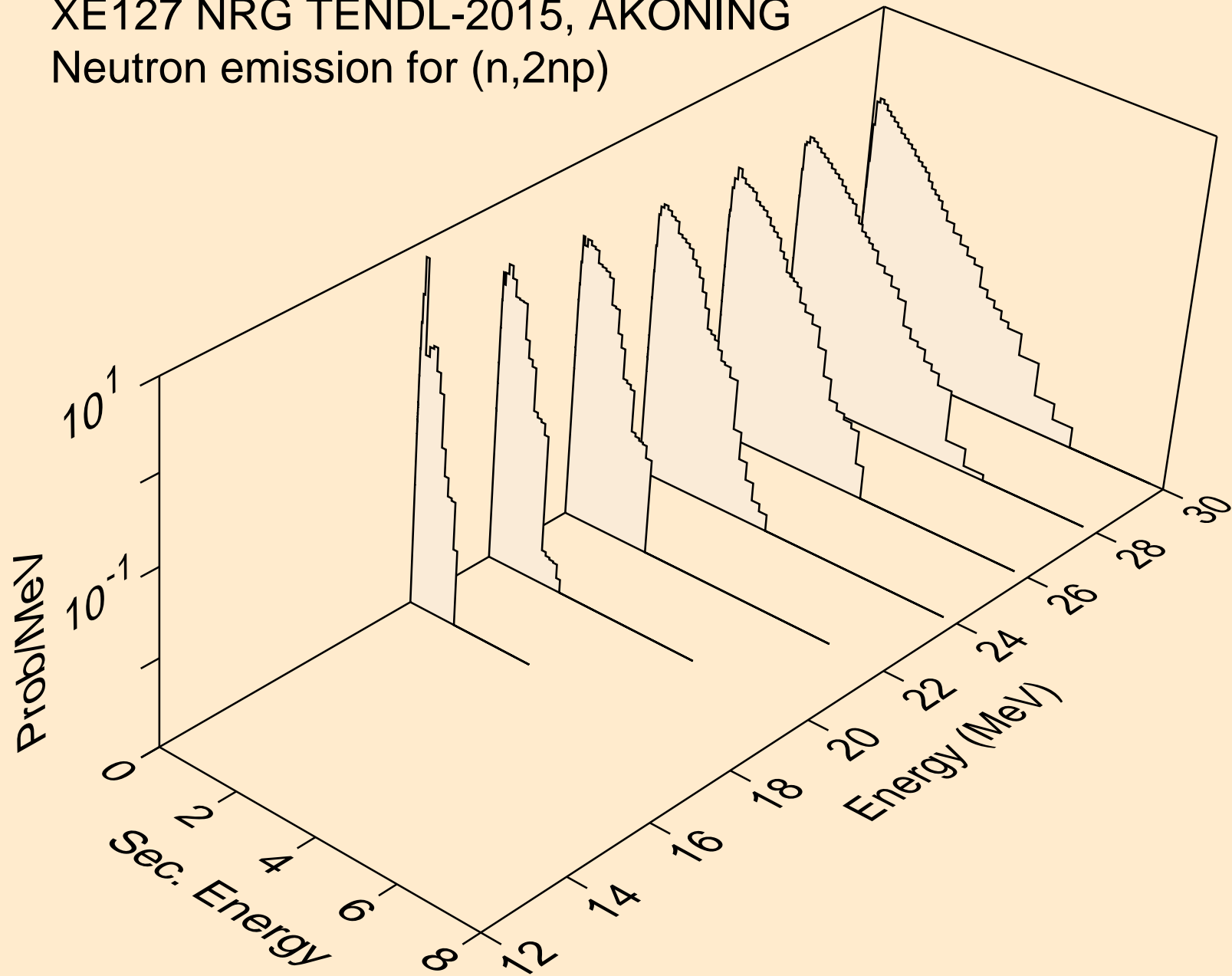


XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

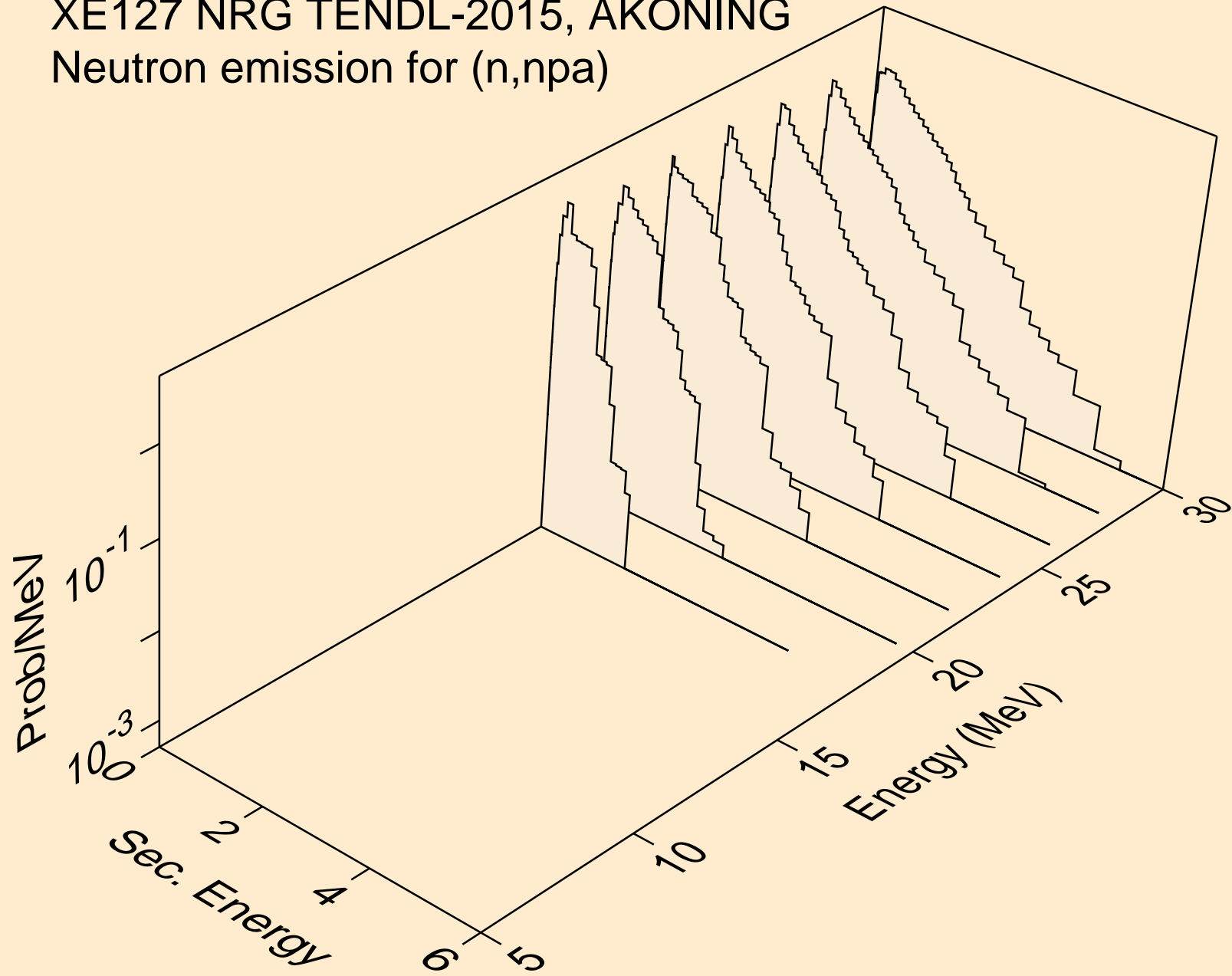




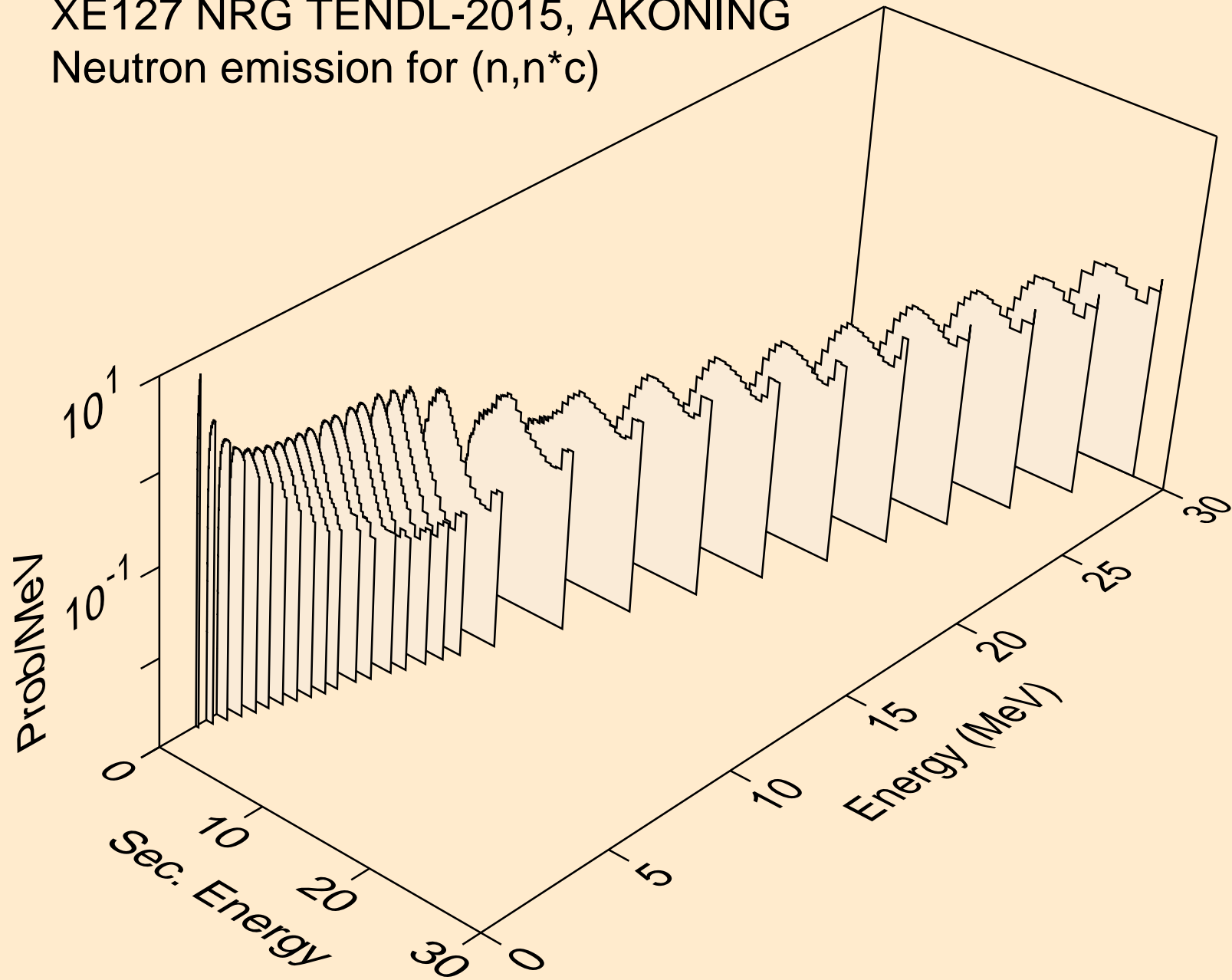
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



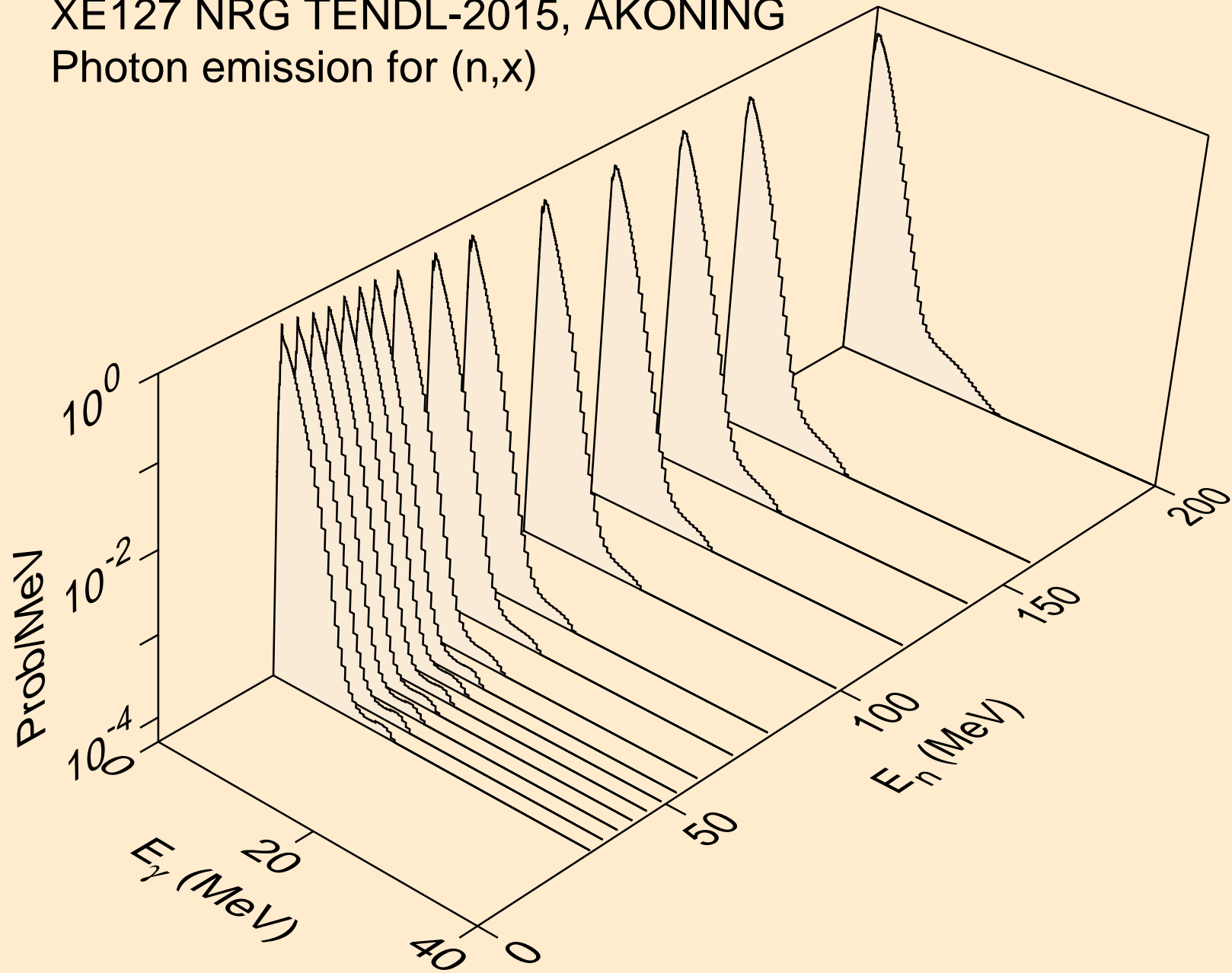
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



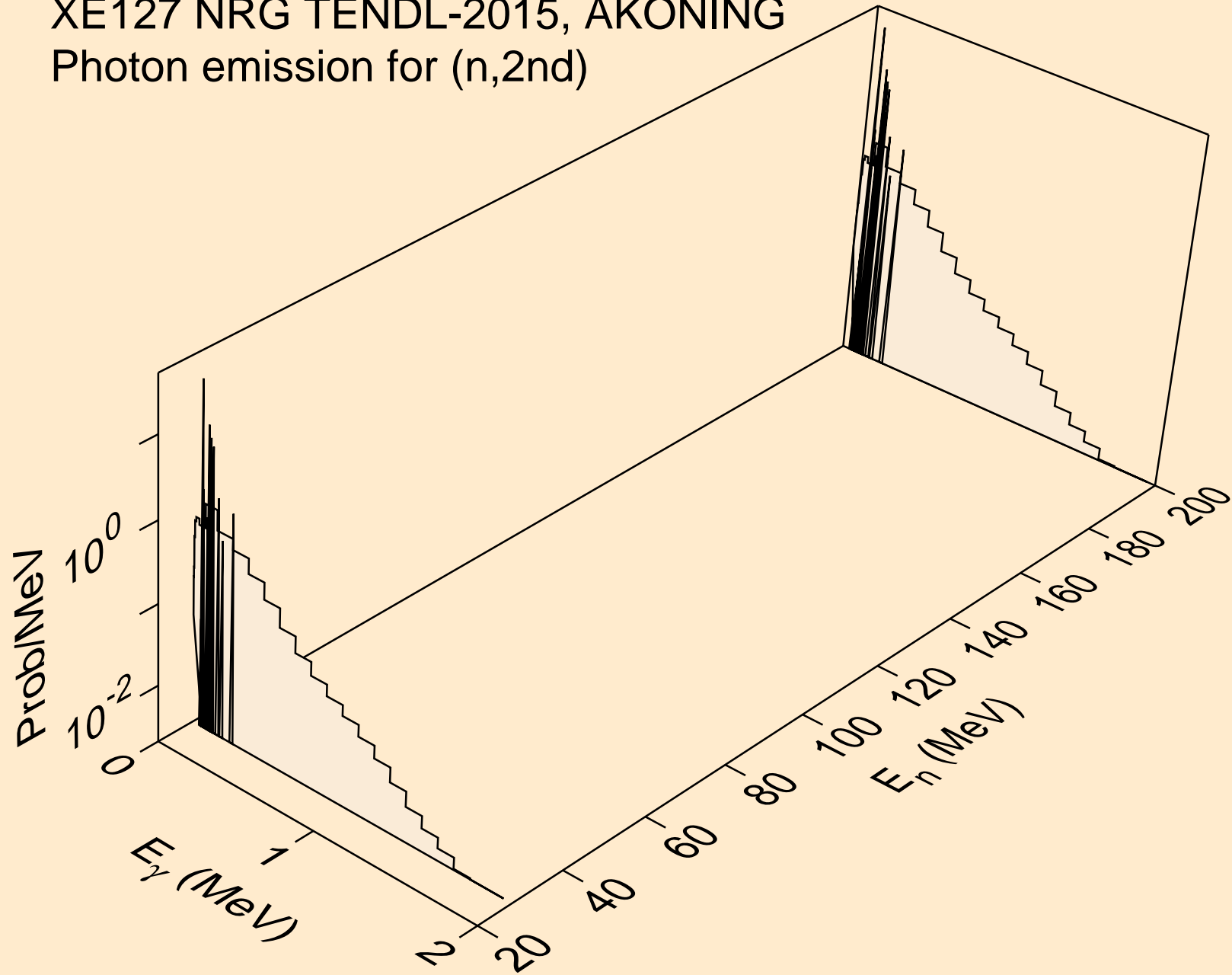
XE127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



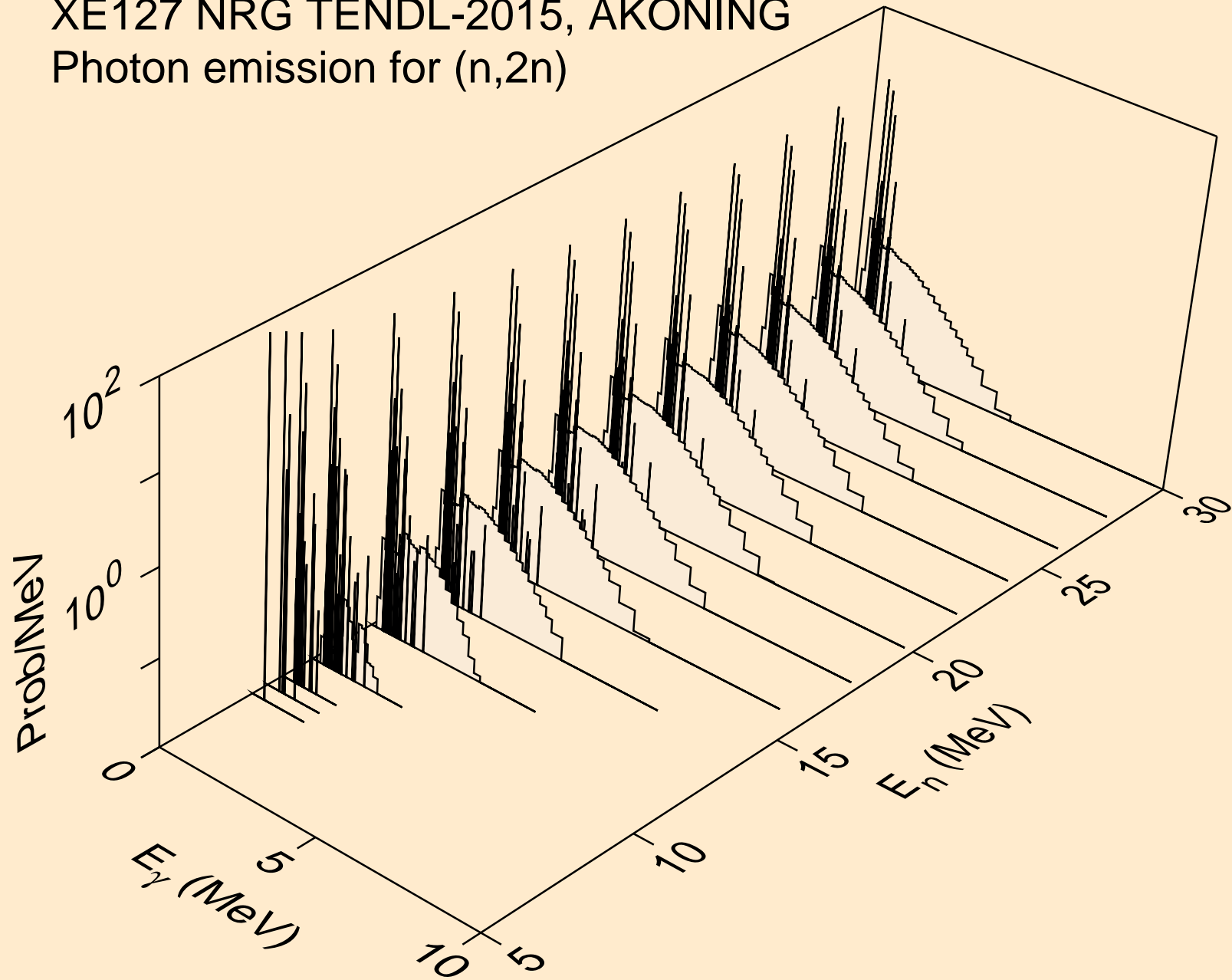
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



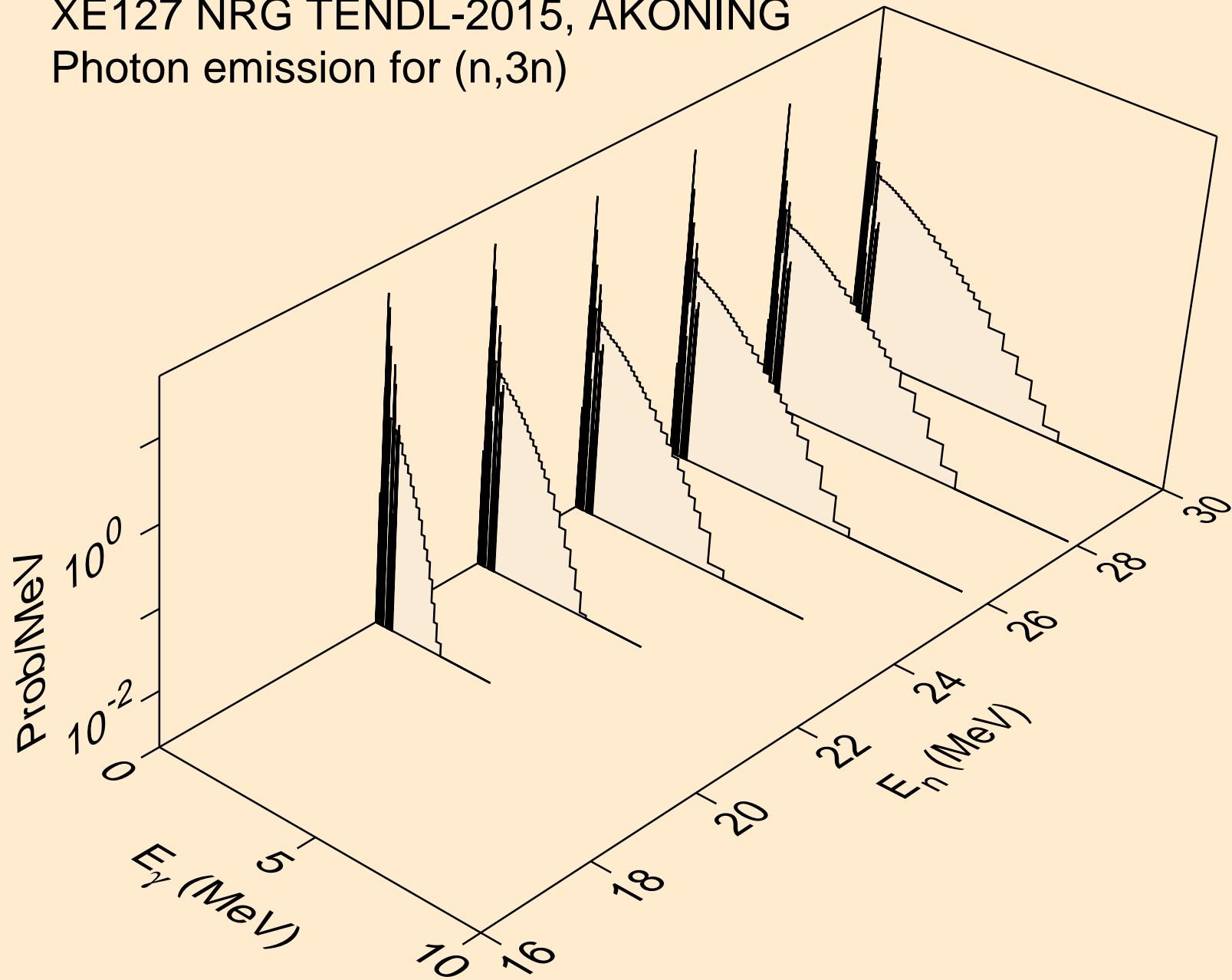
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



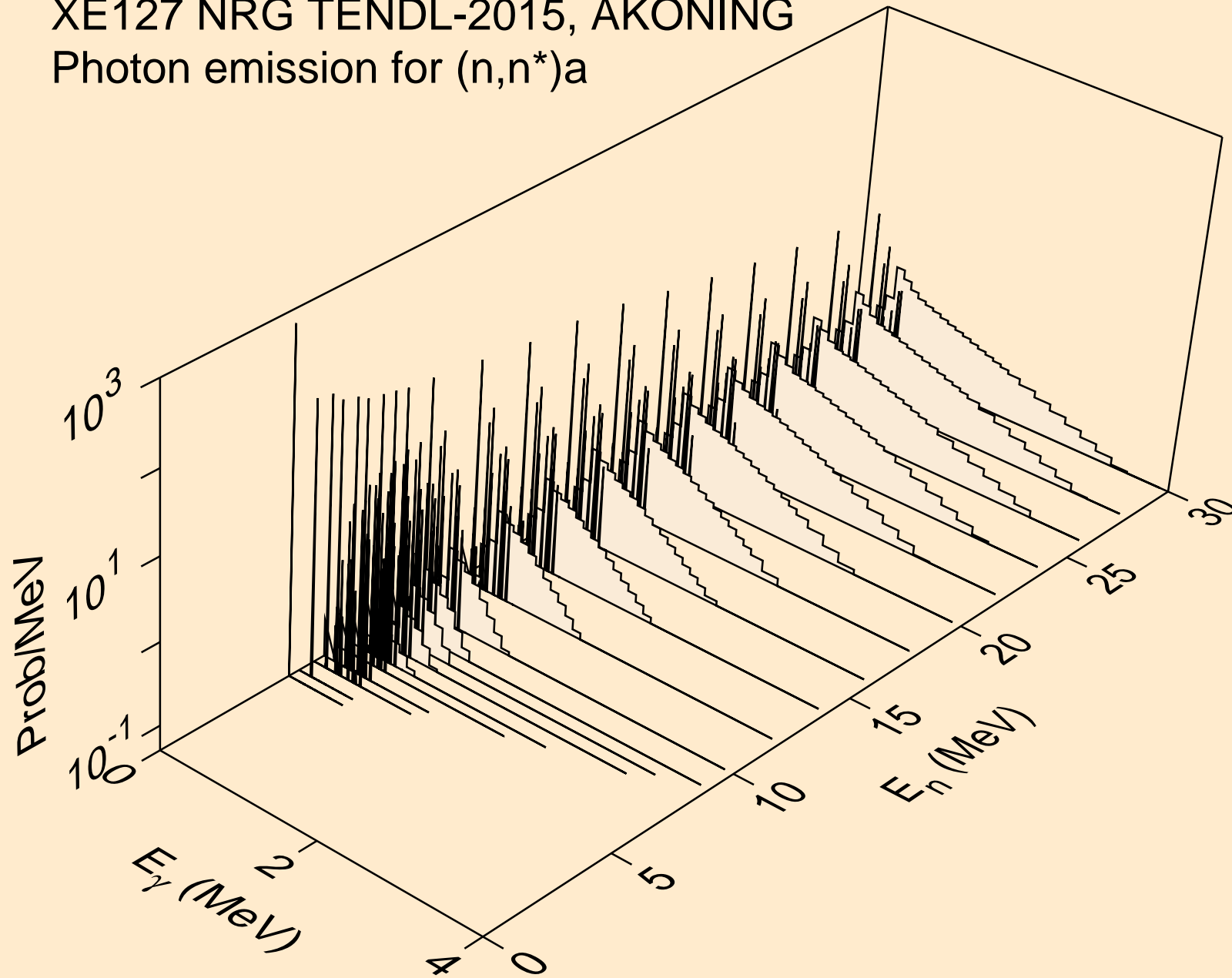
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

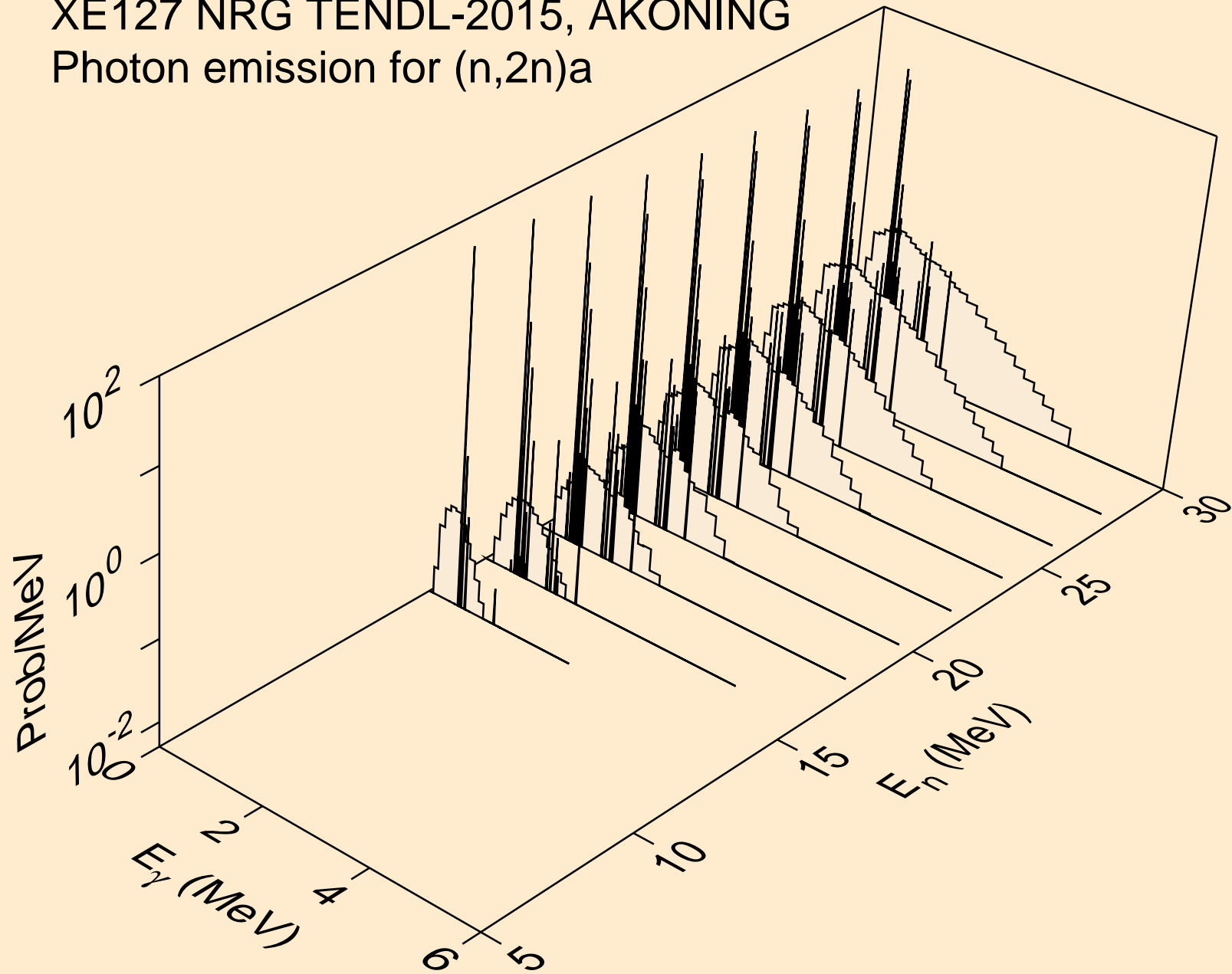


XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

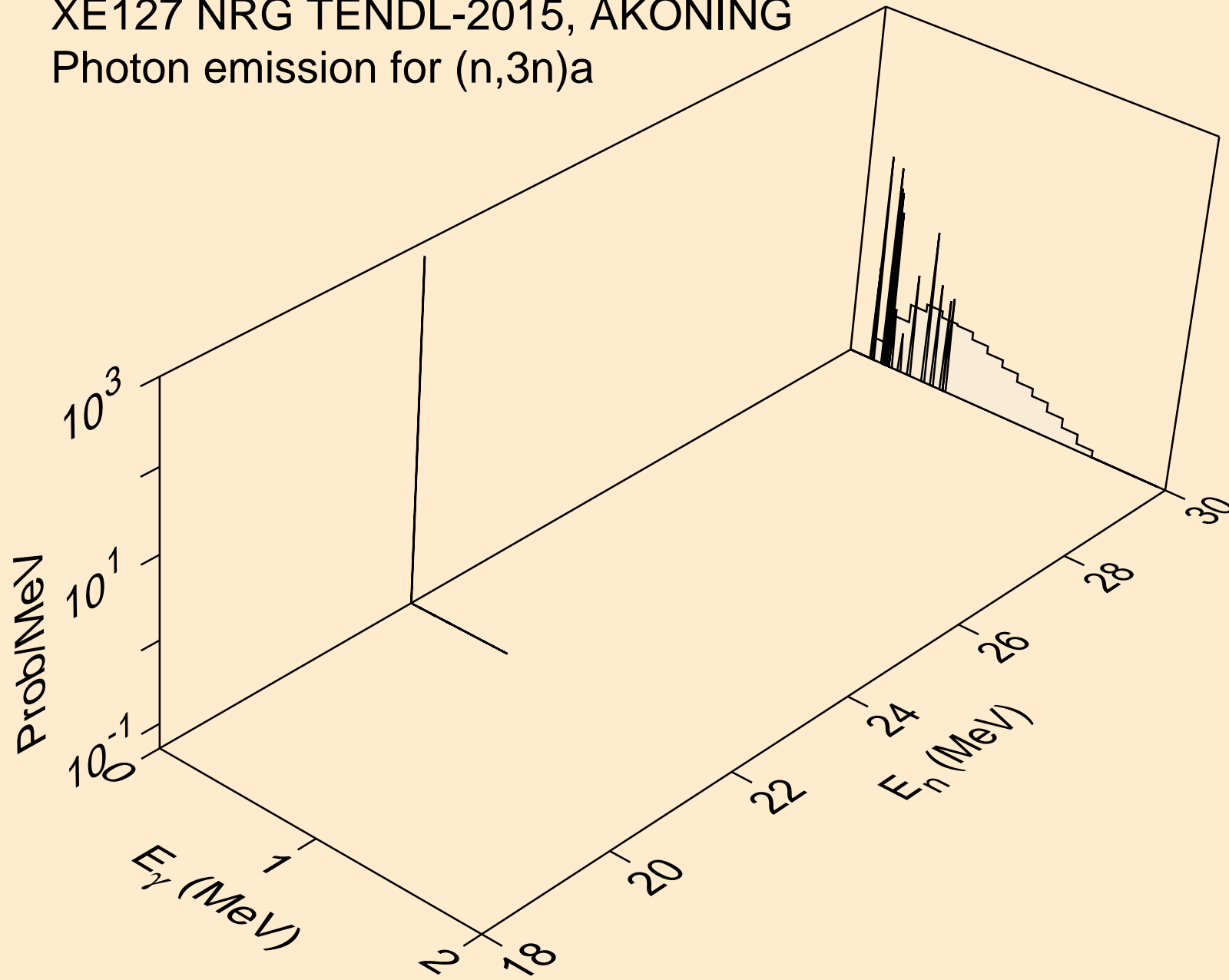




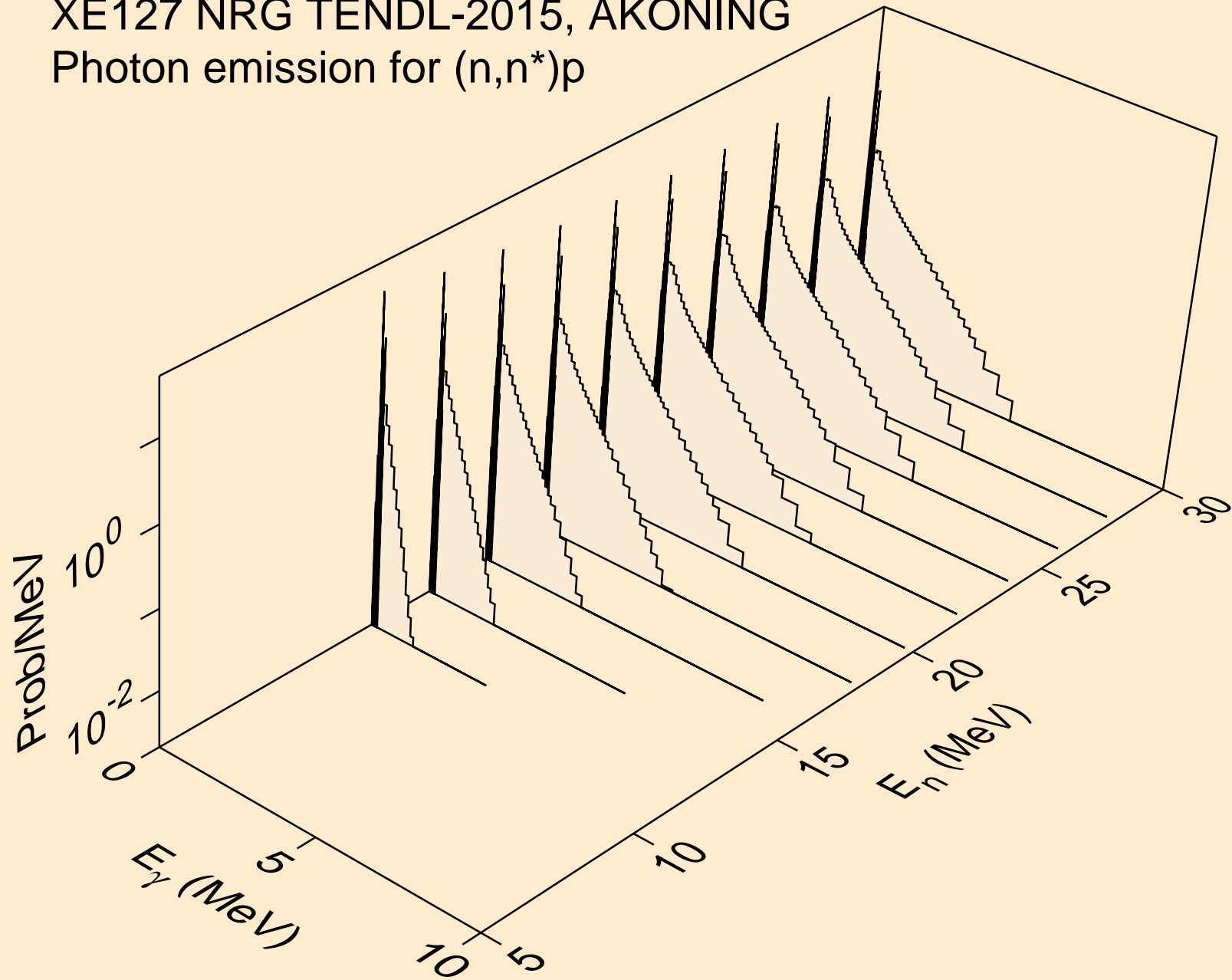
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



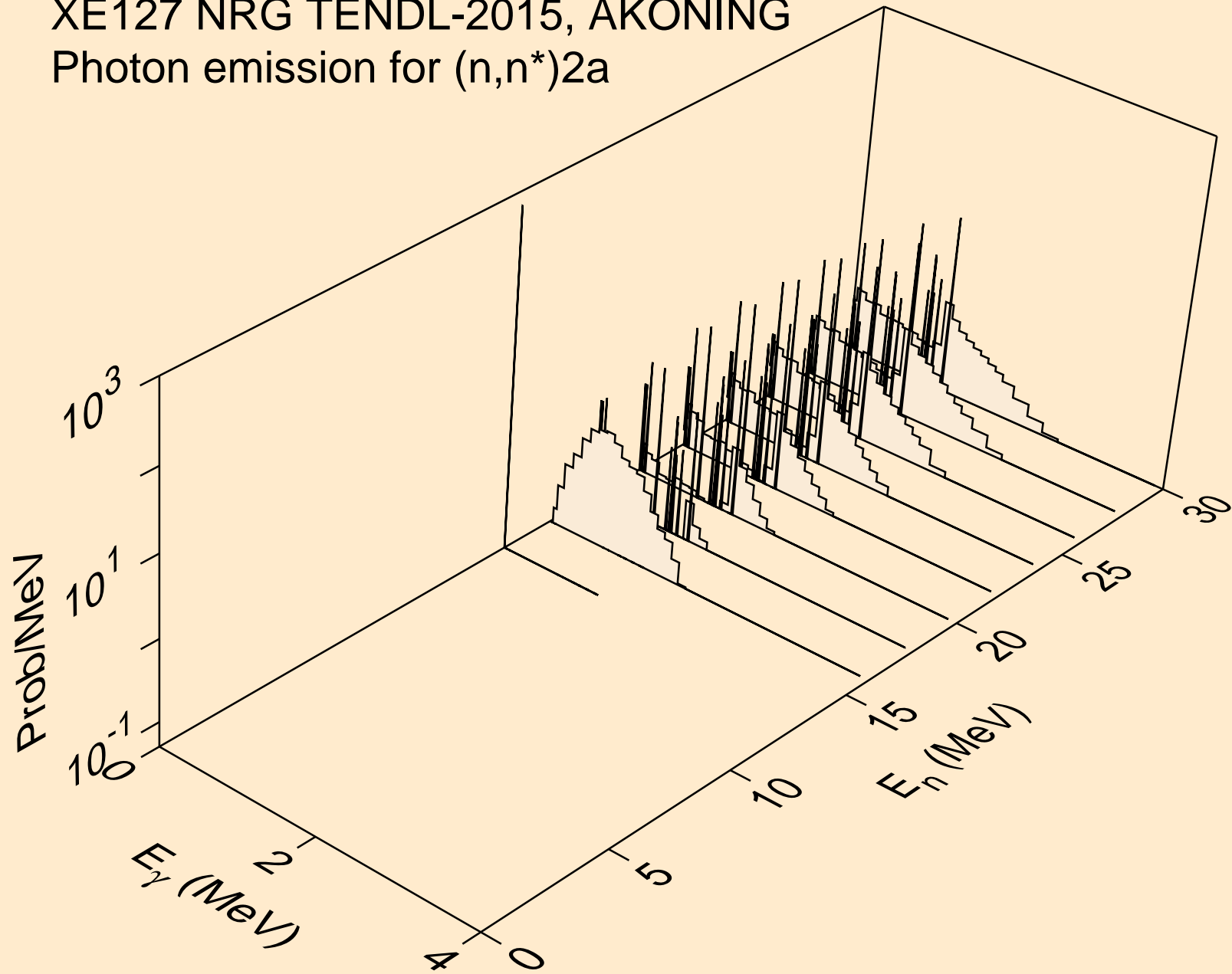
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



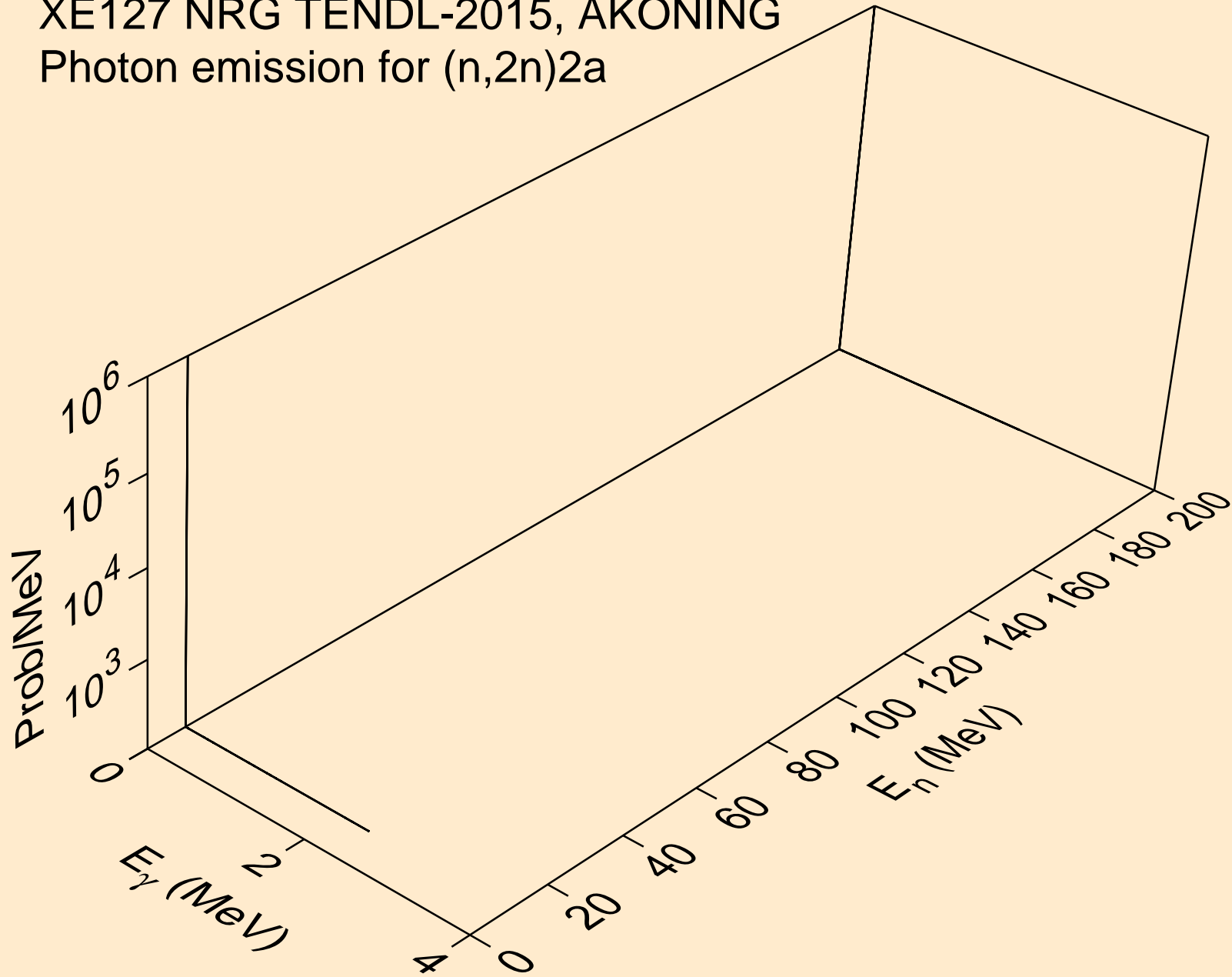
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



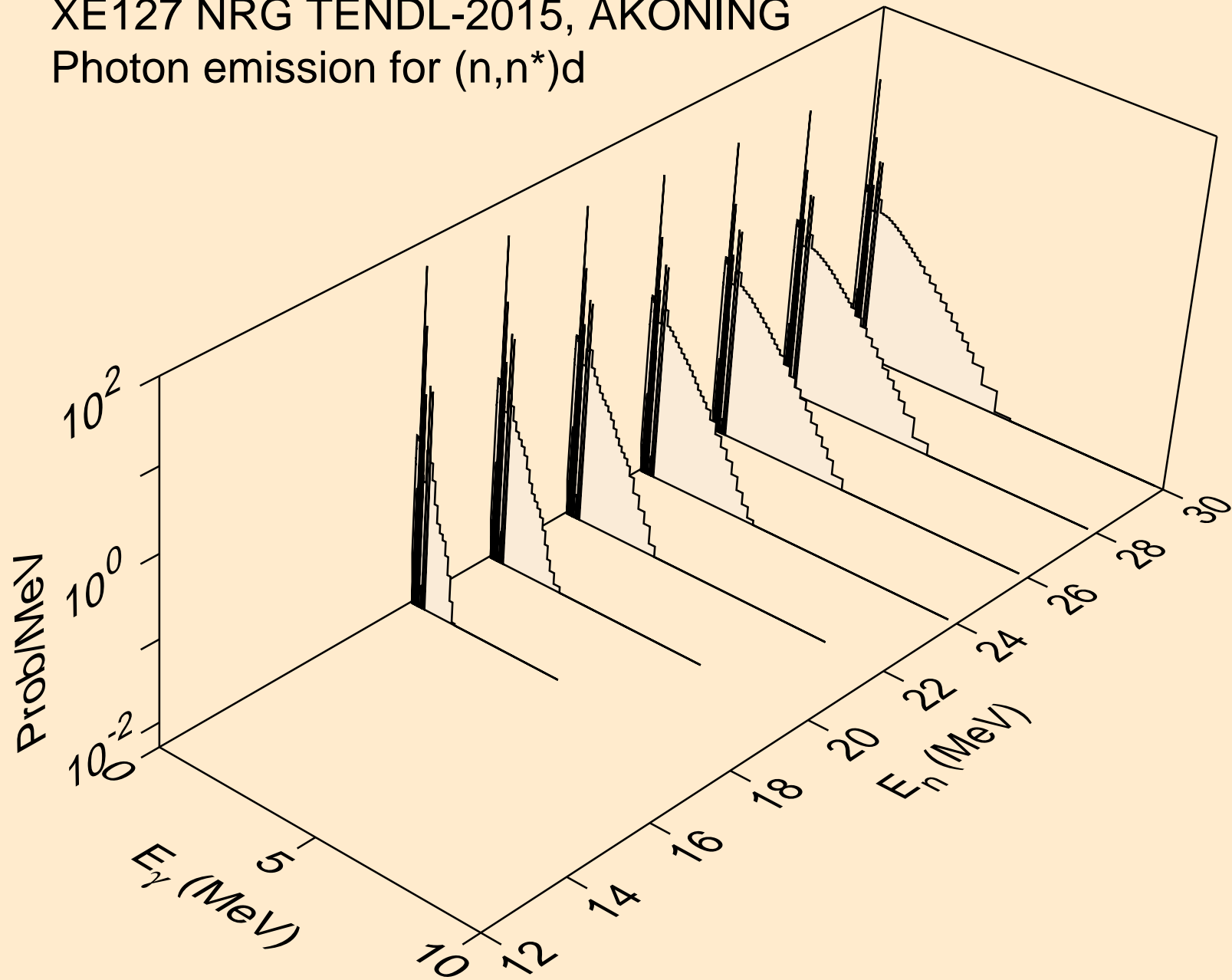
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



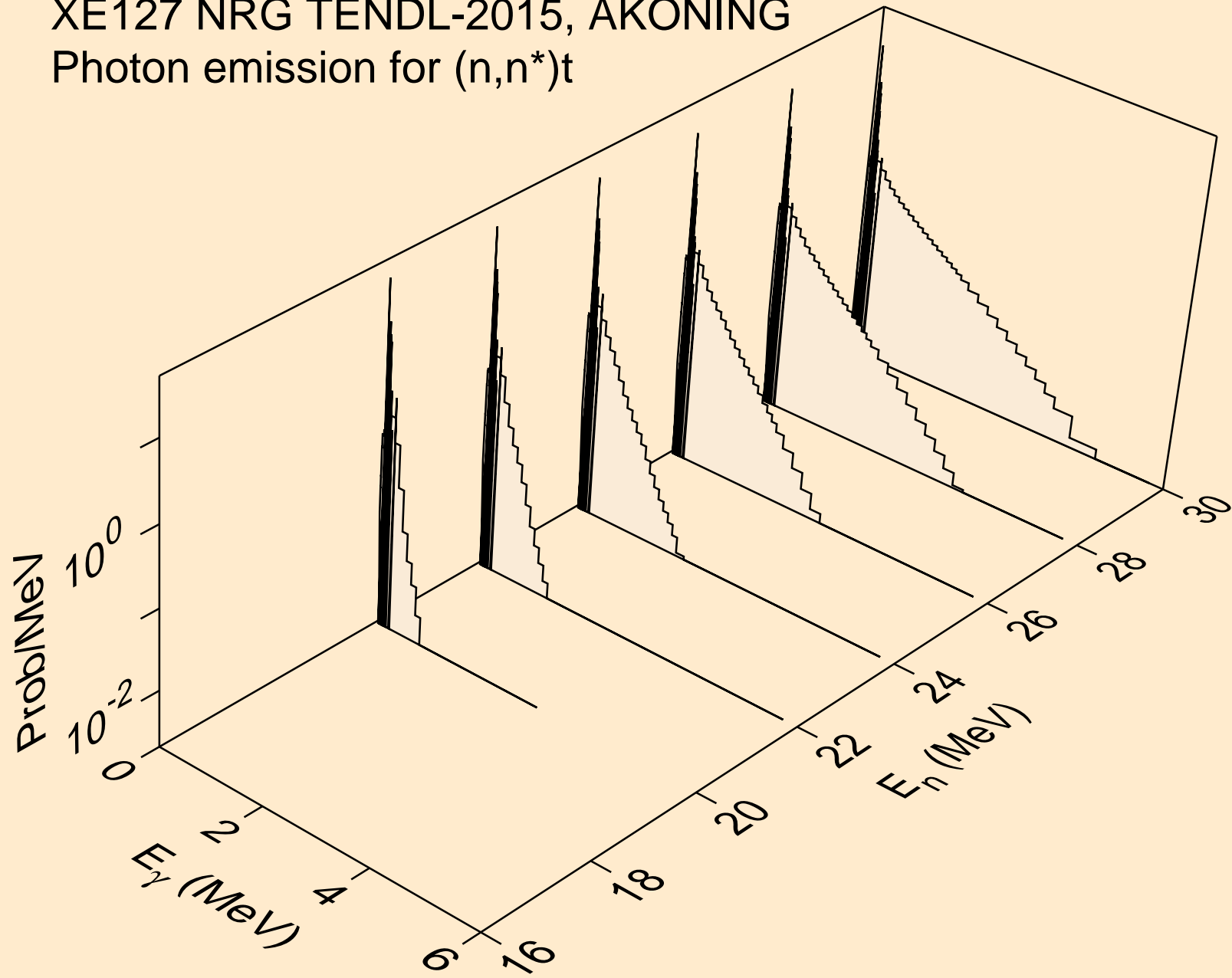
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



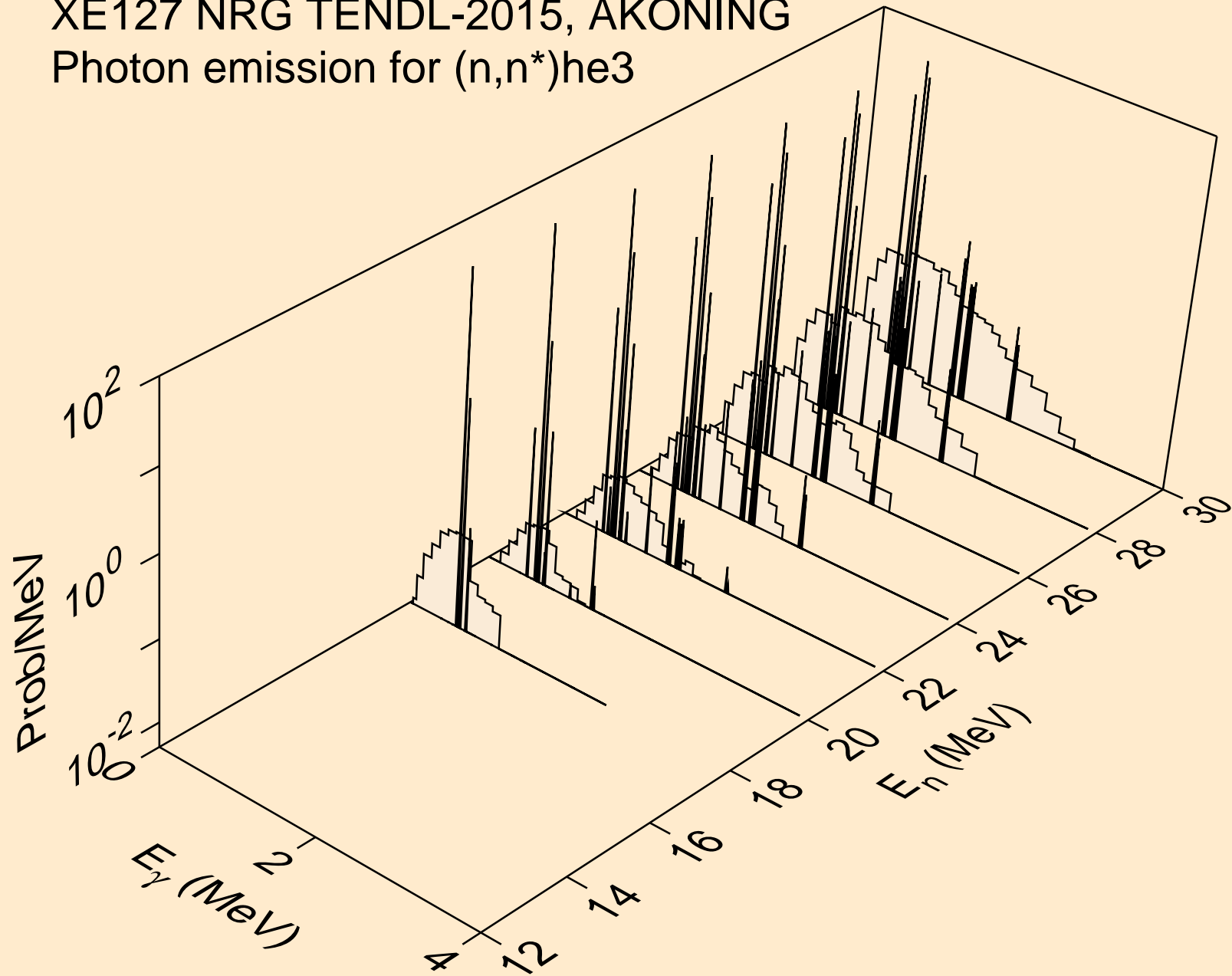
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

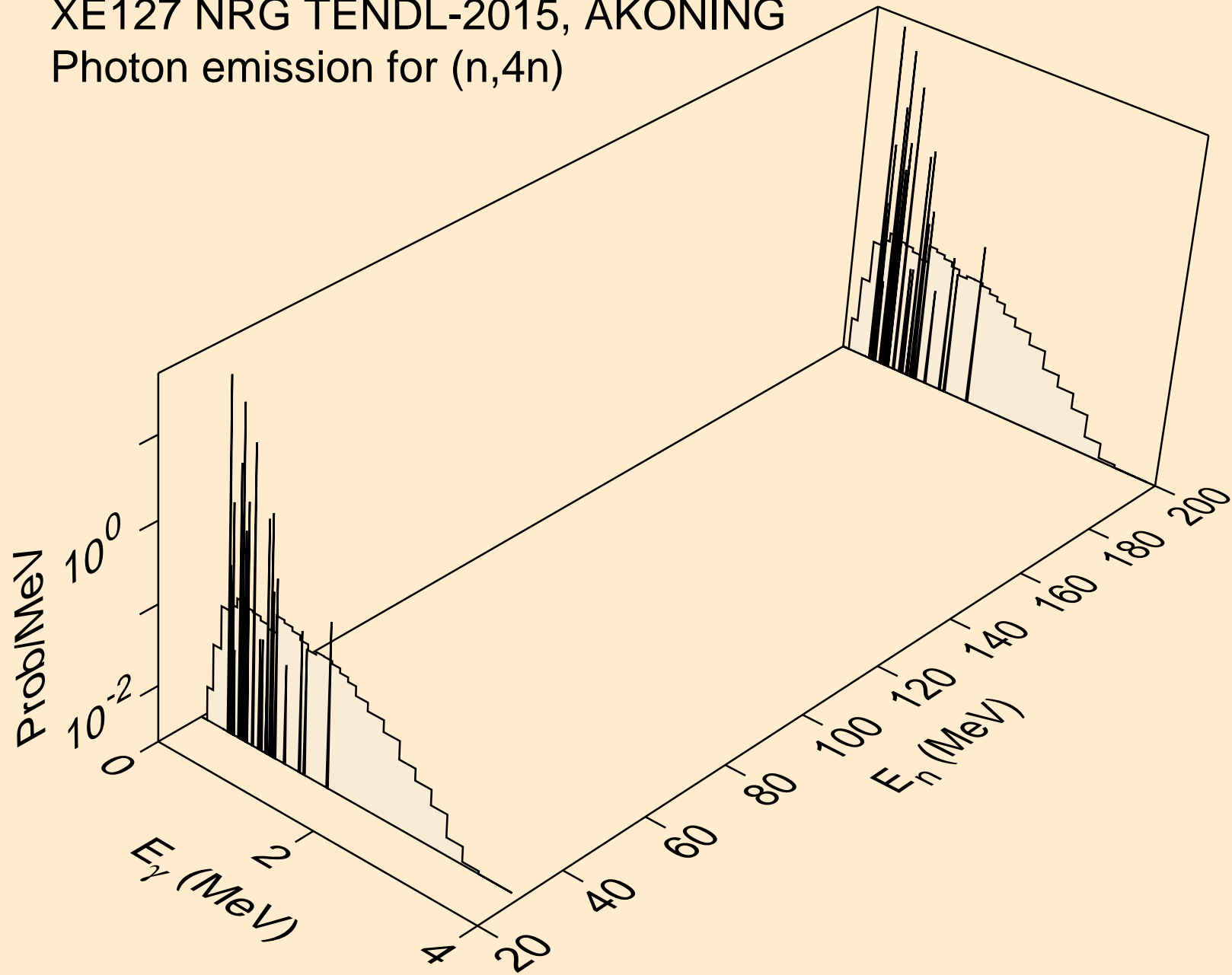


XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

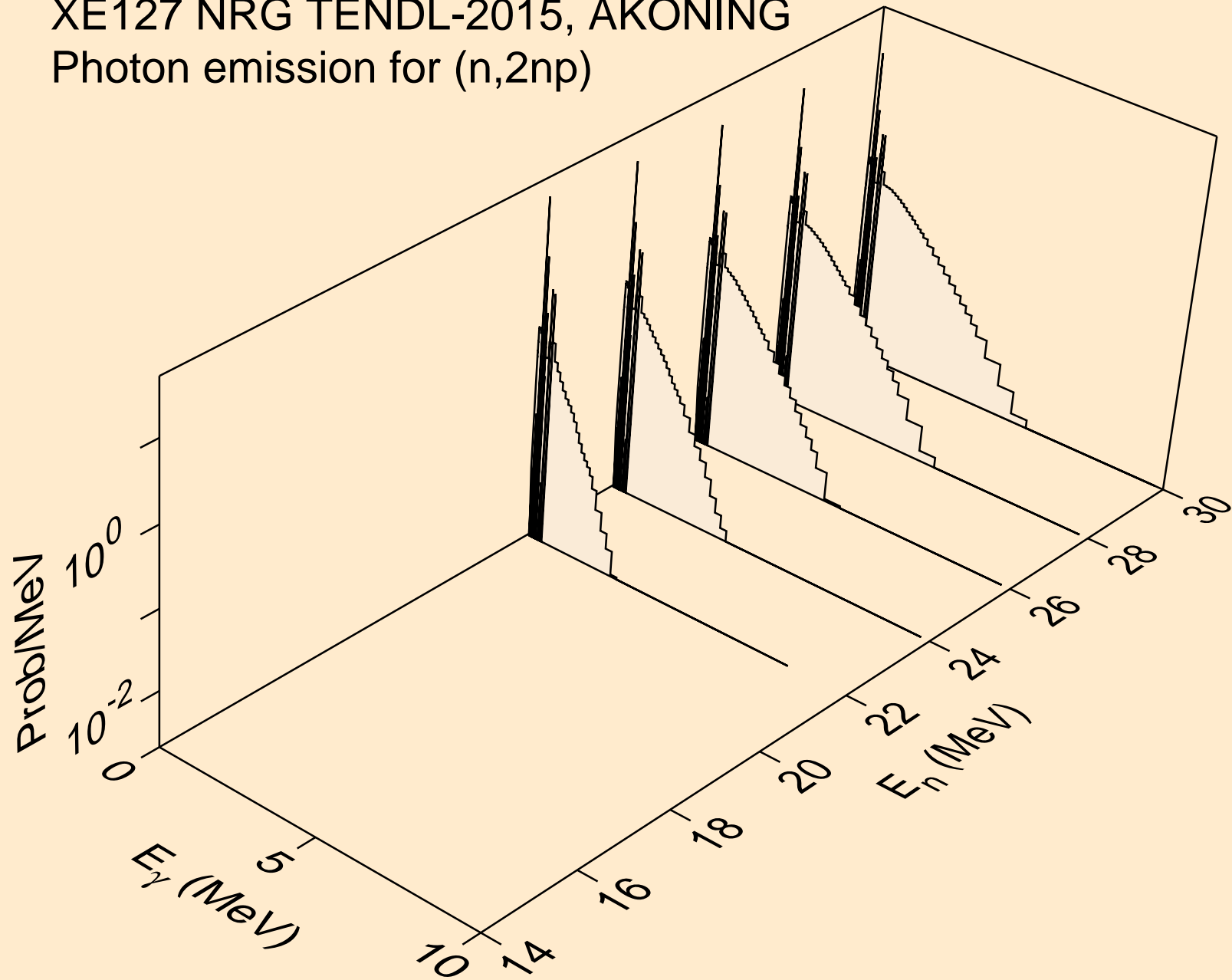




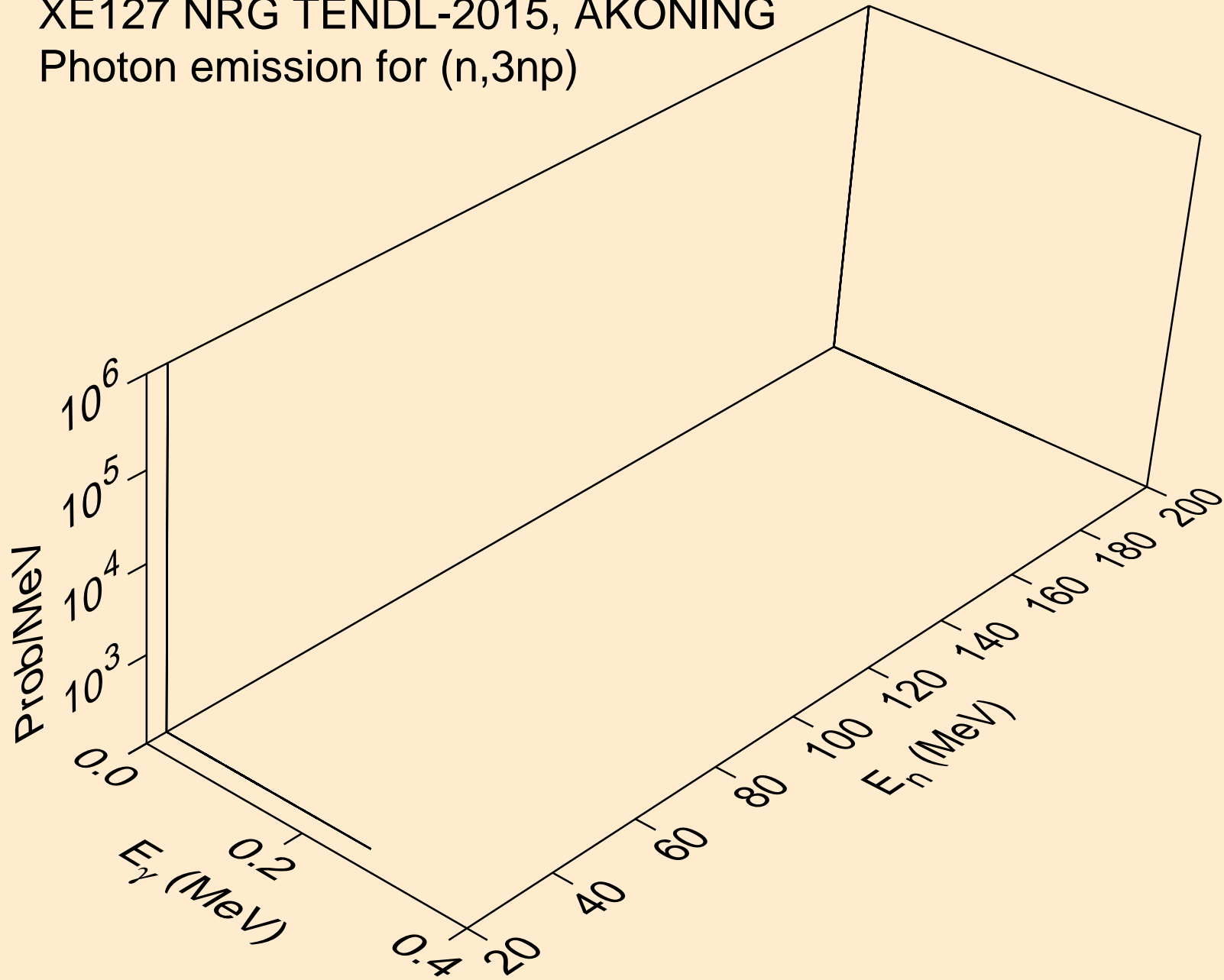
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



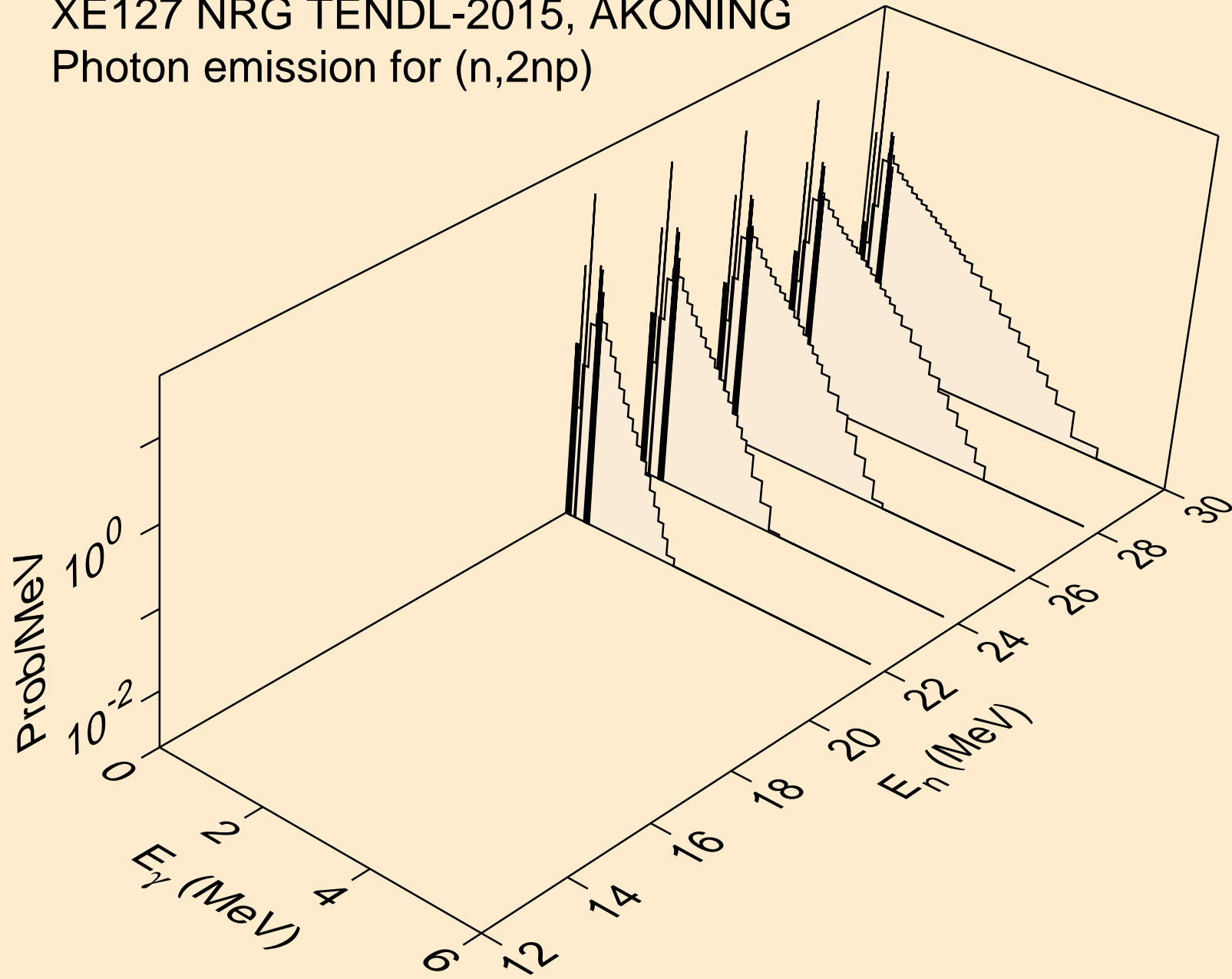
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



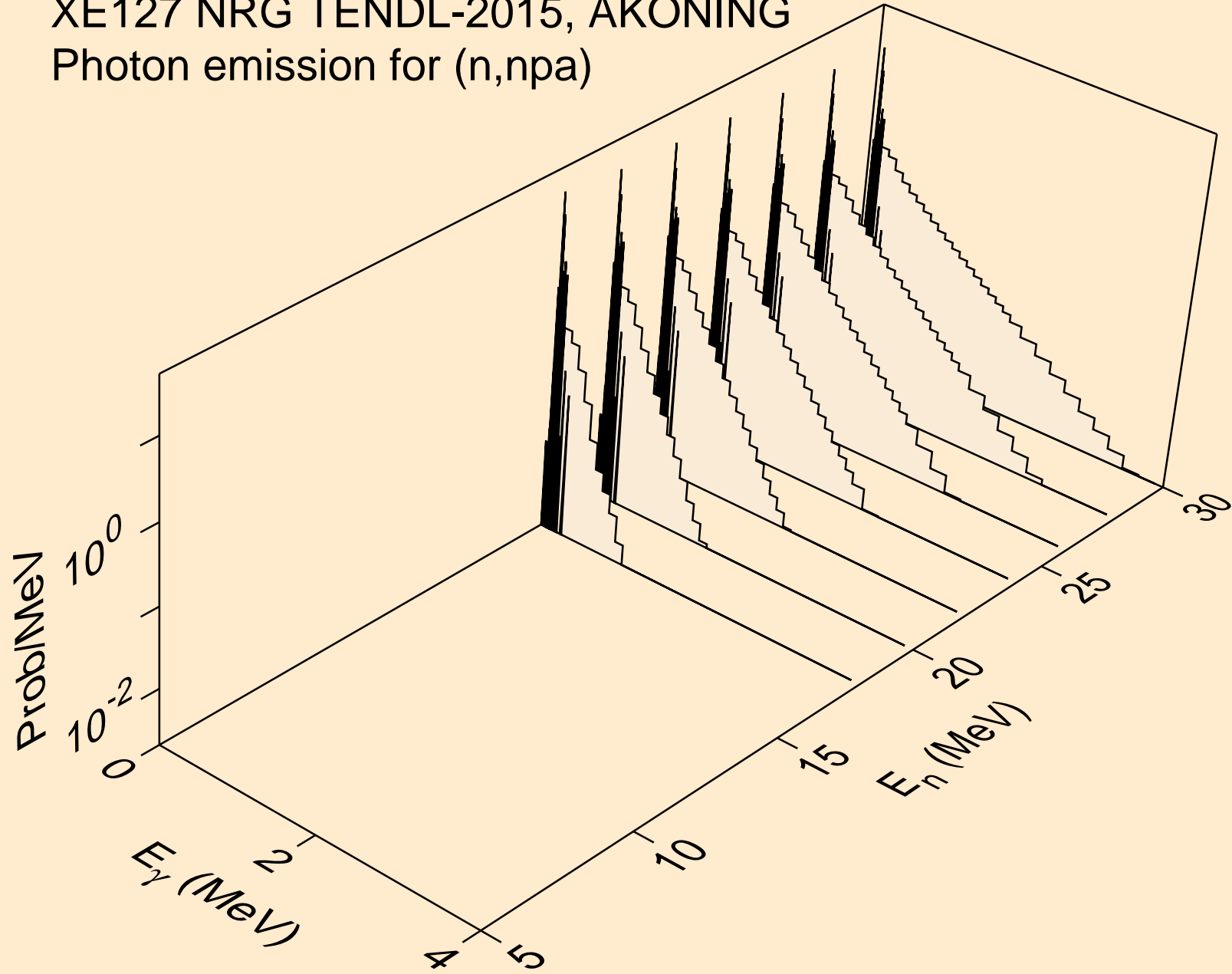
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



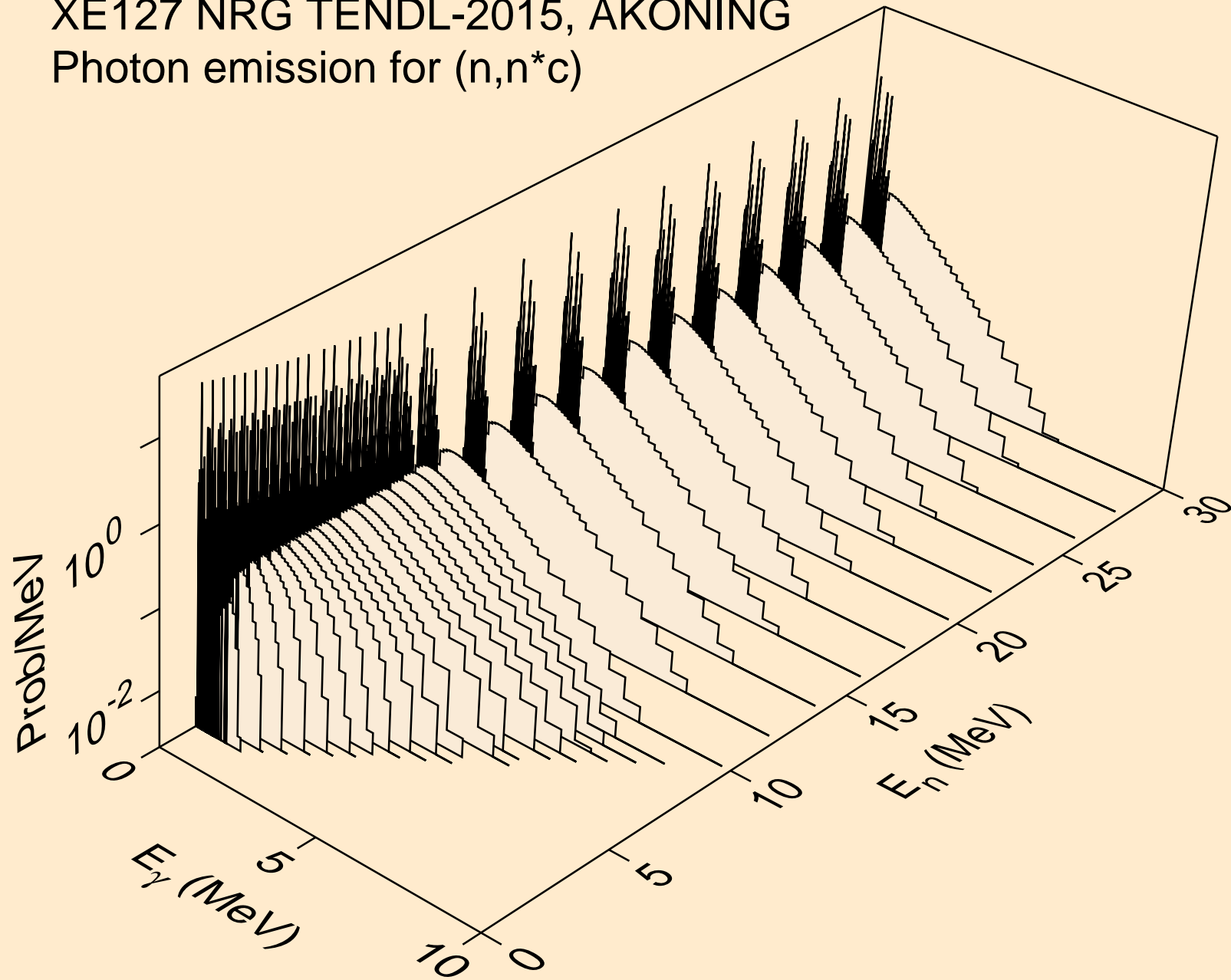
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



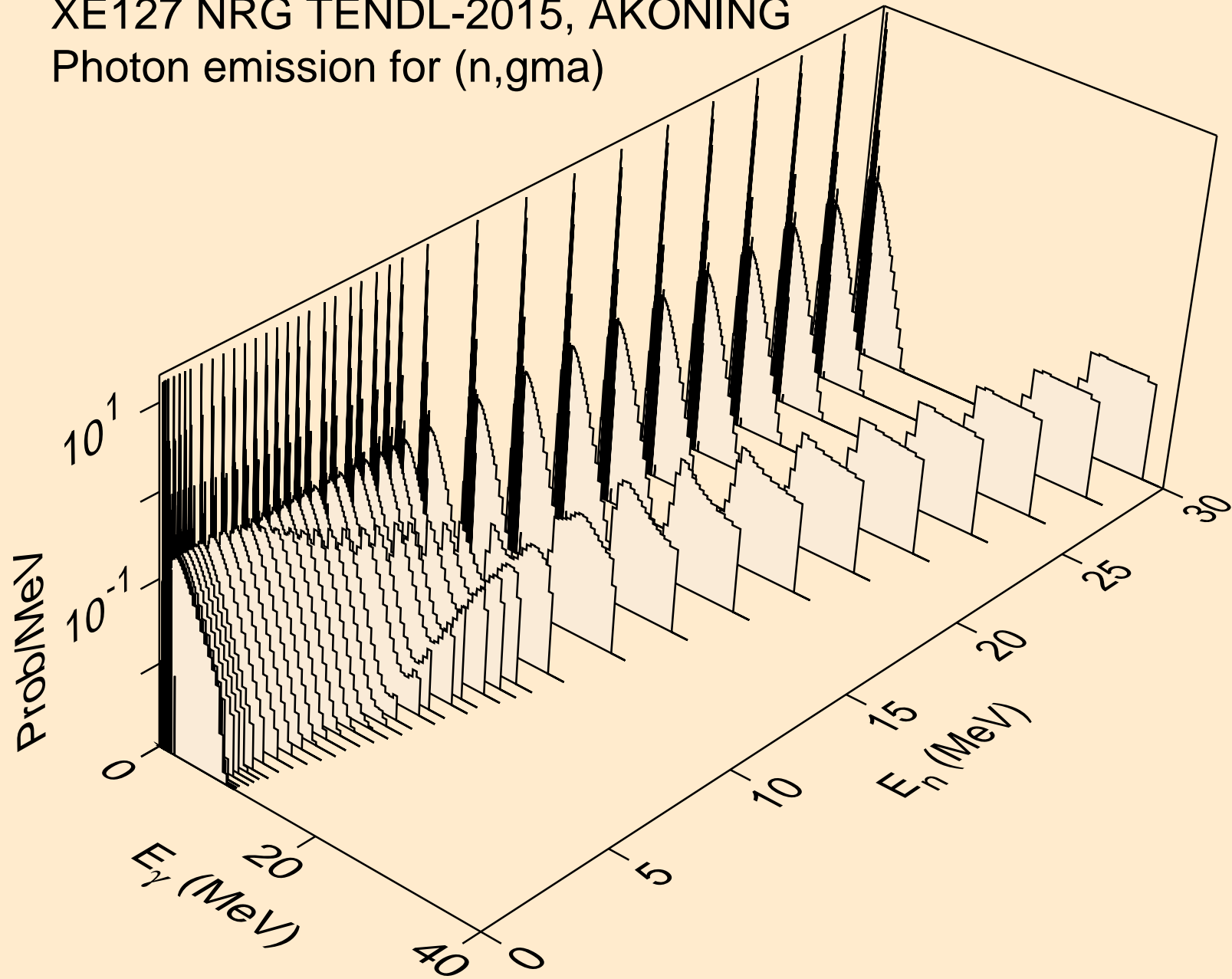
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



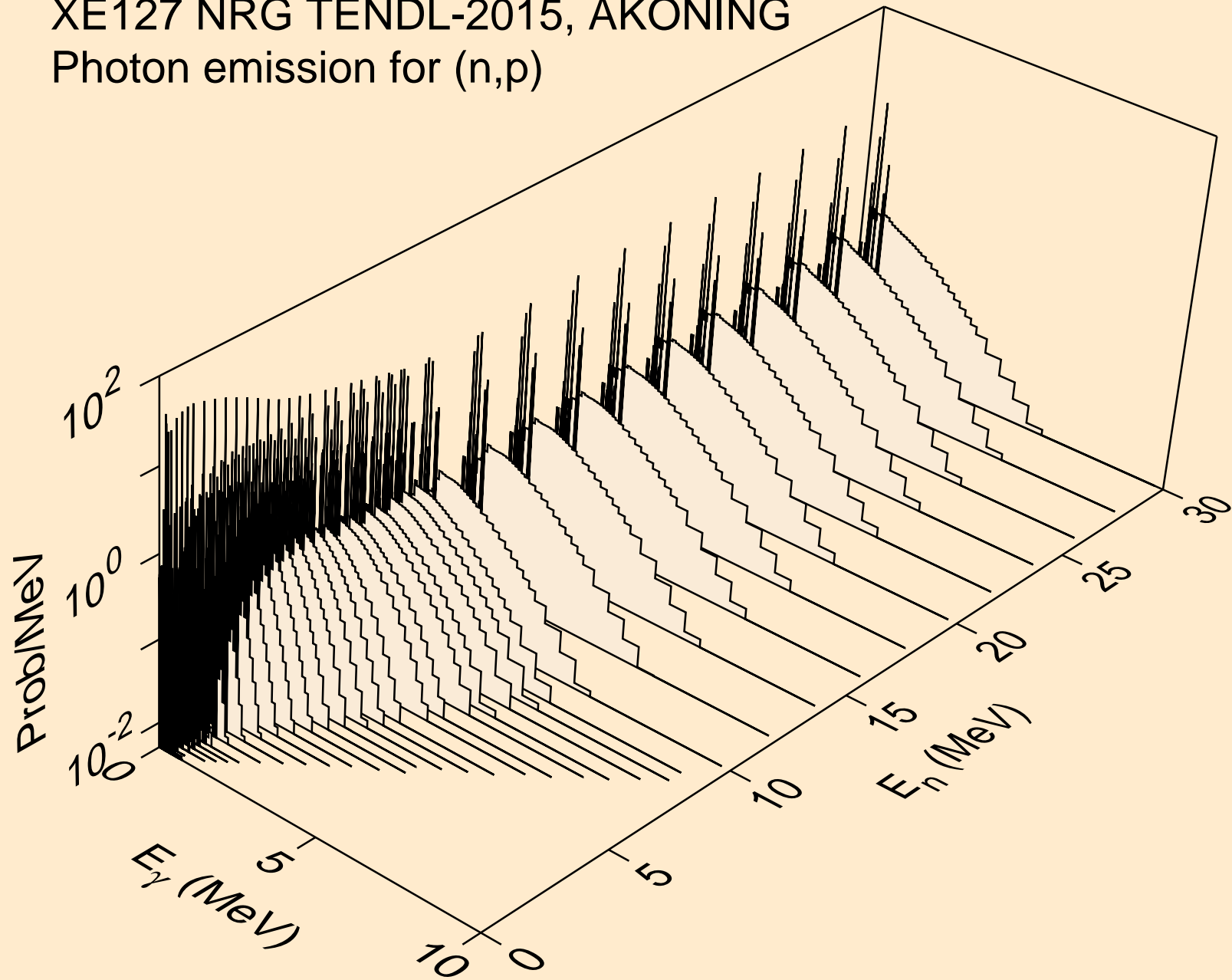
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

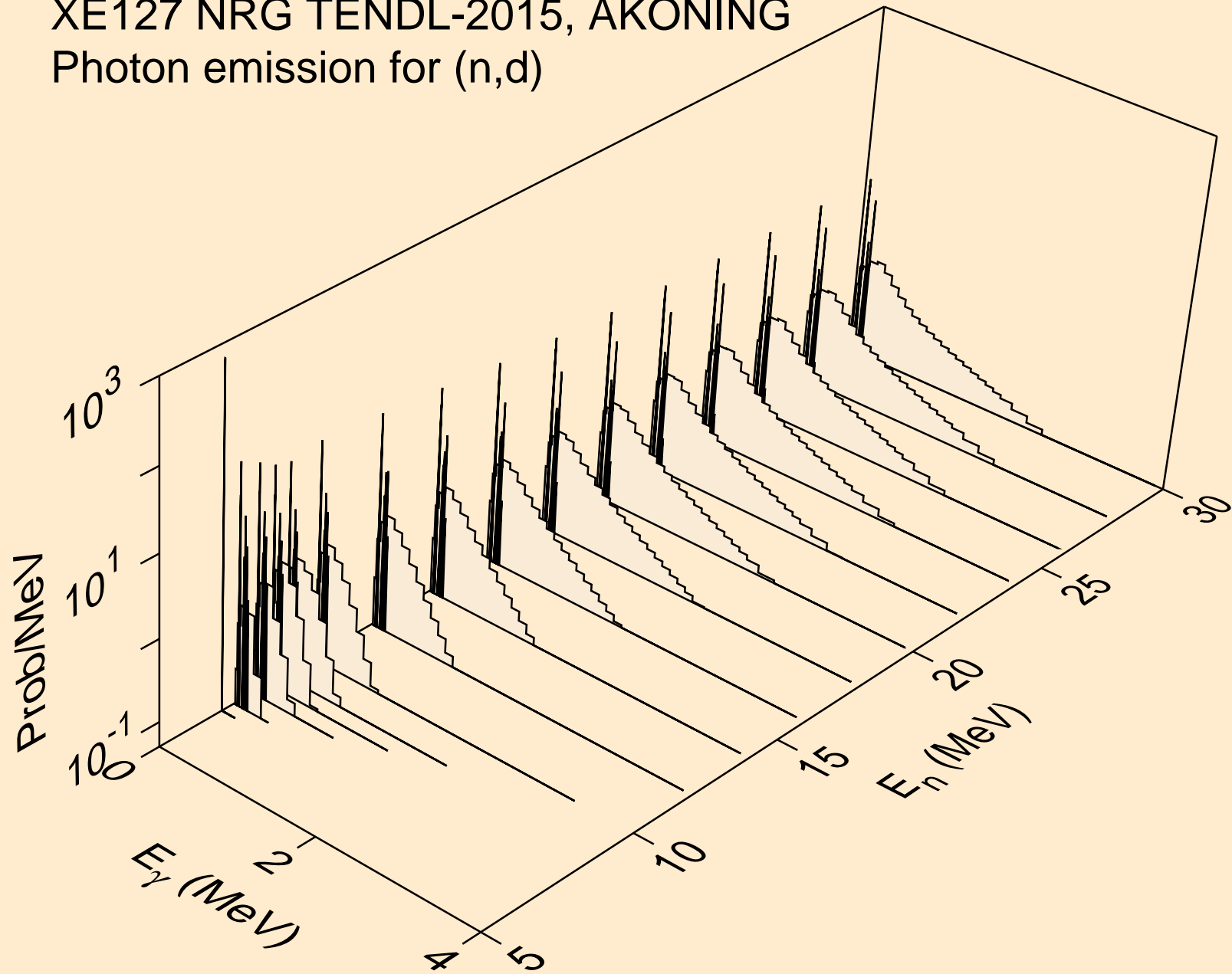


XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

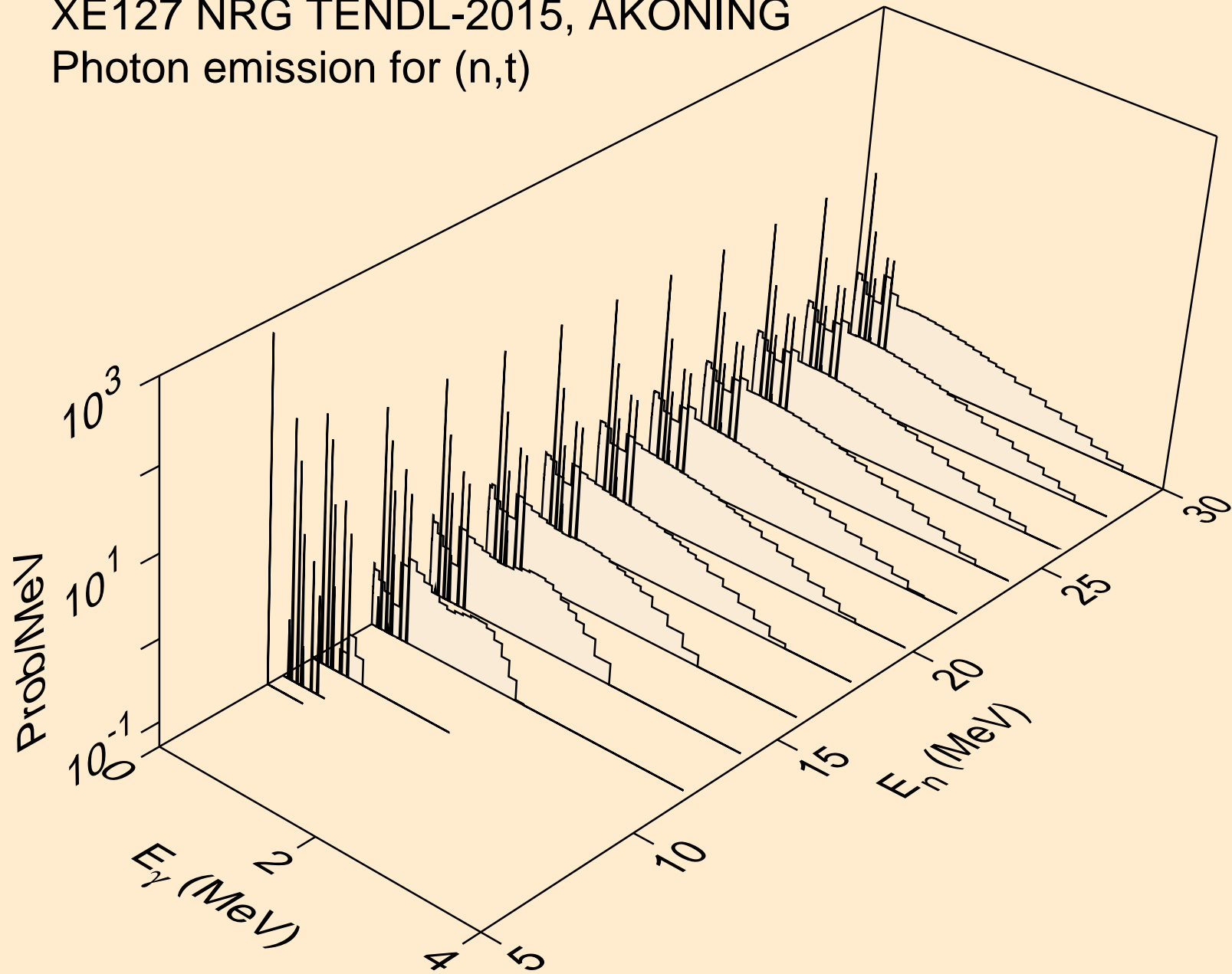




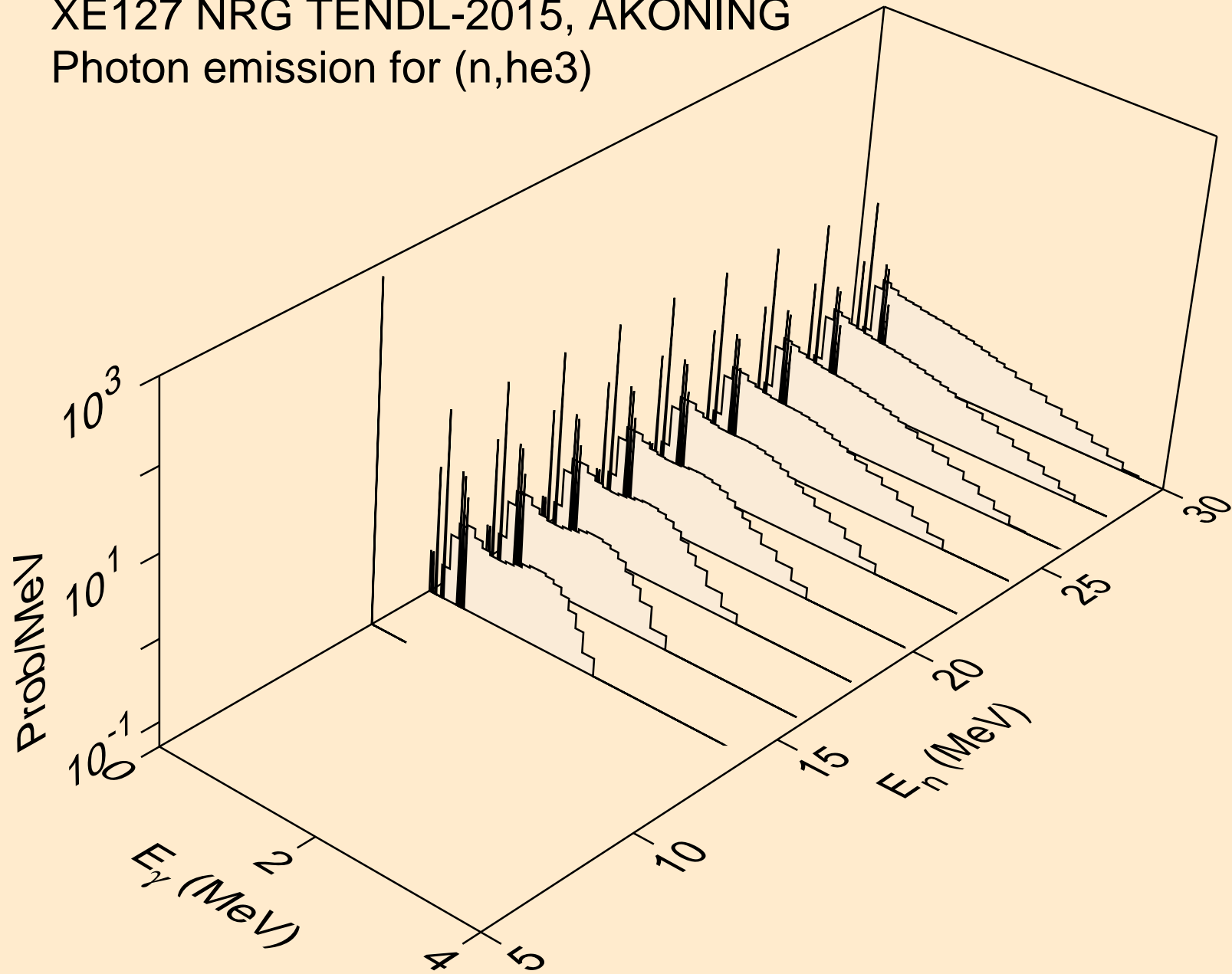
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



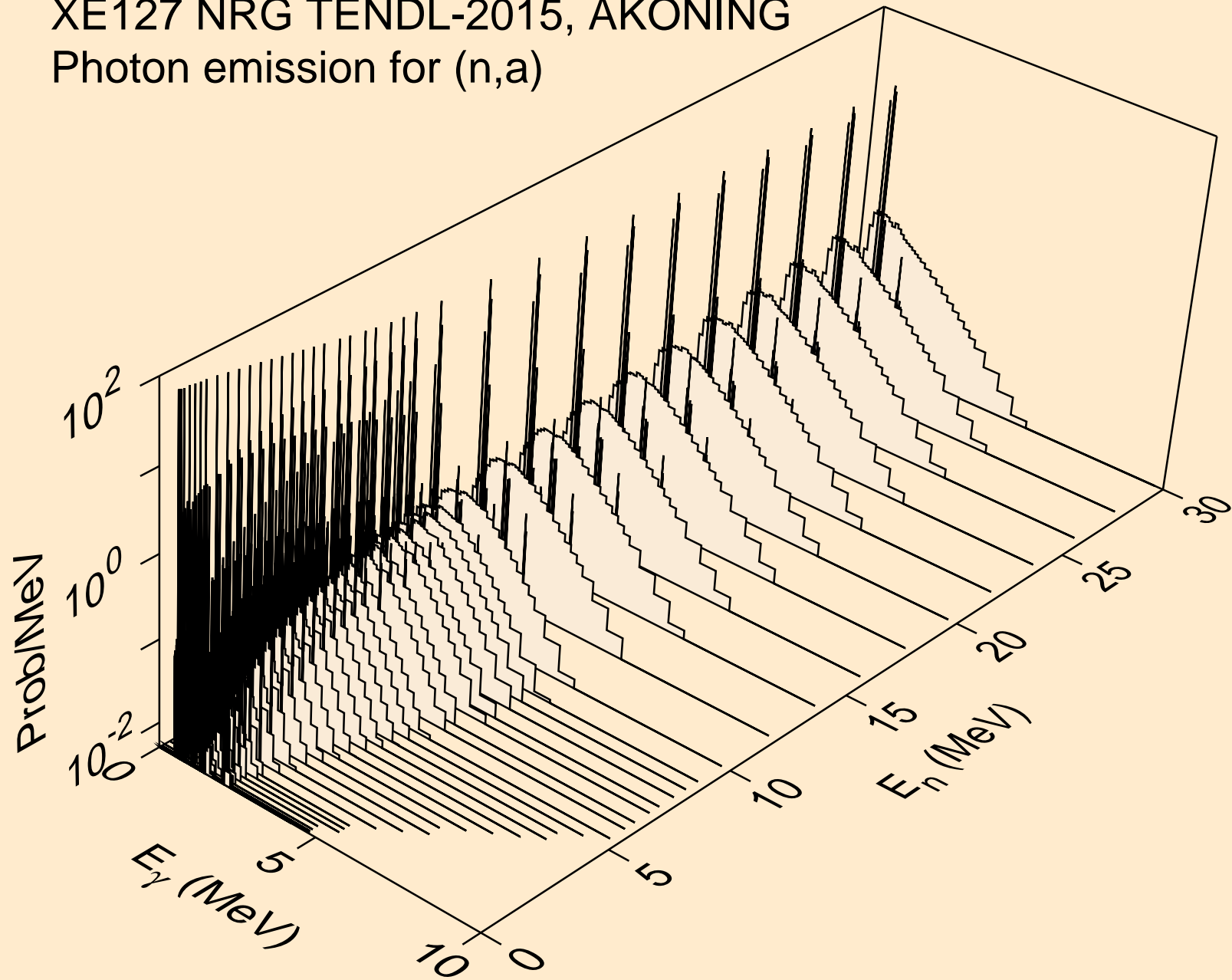
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



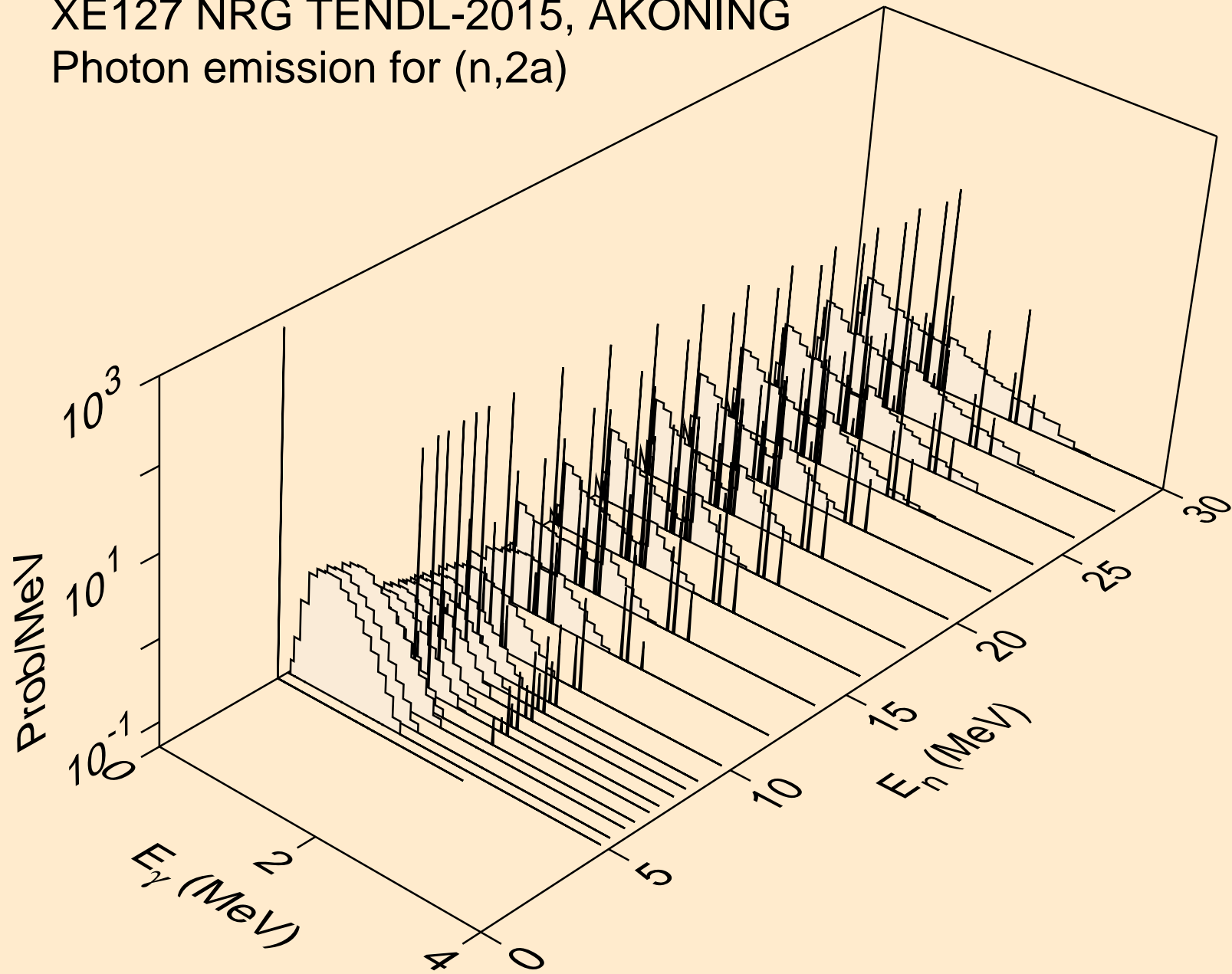
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



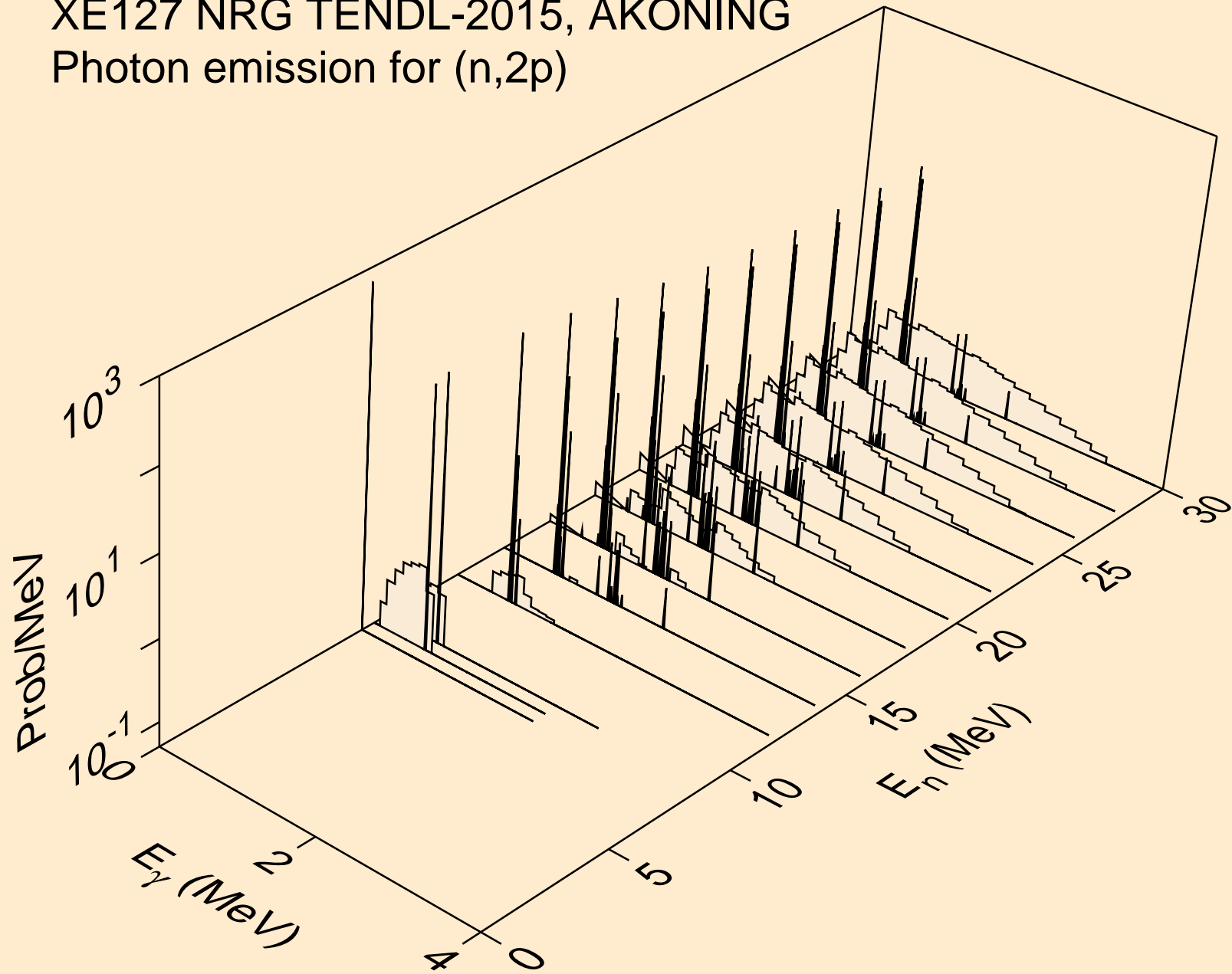
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



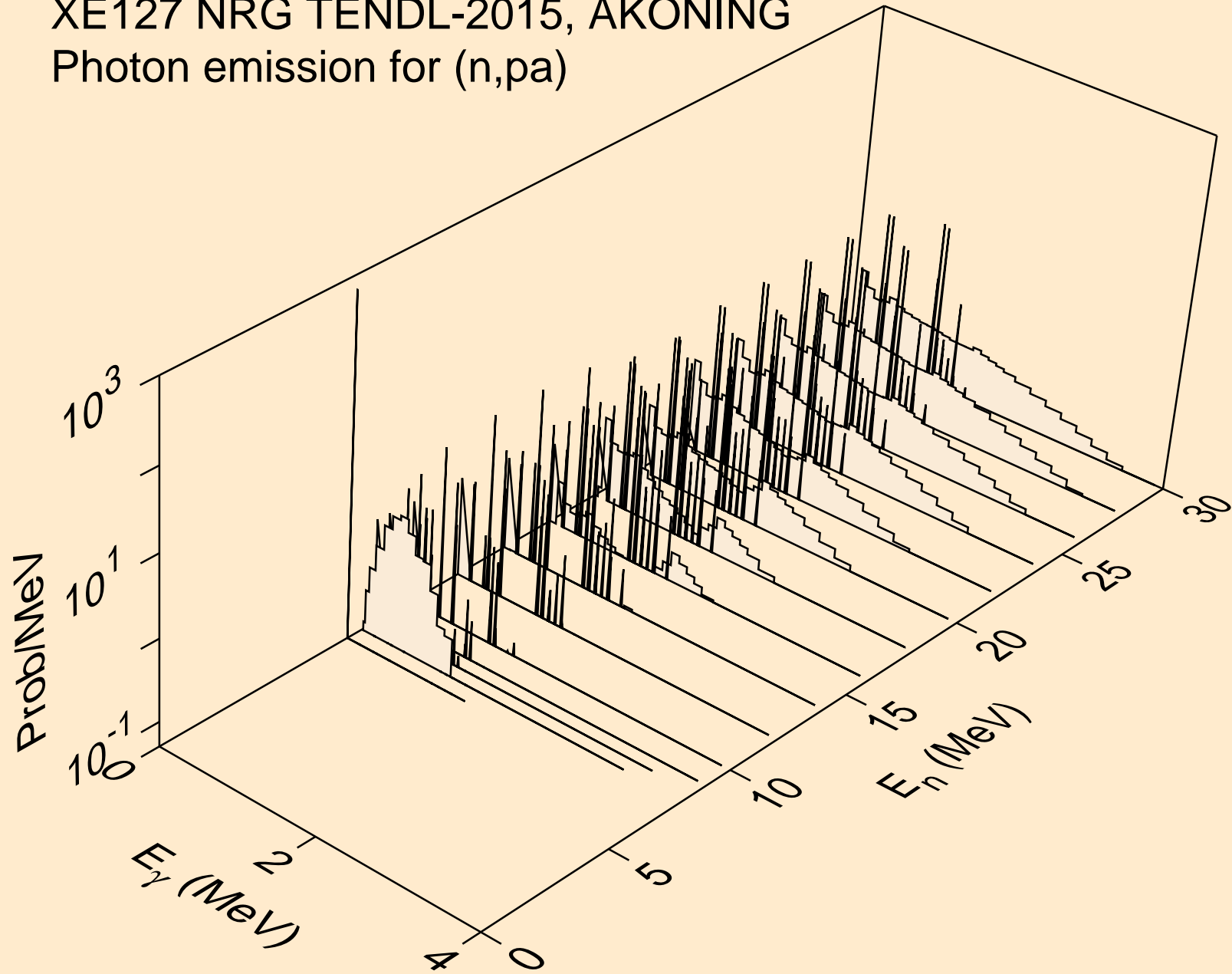
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



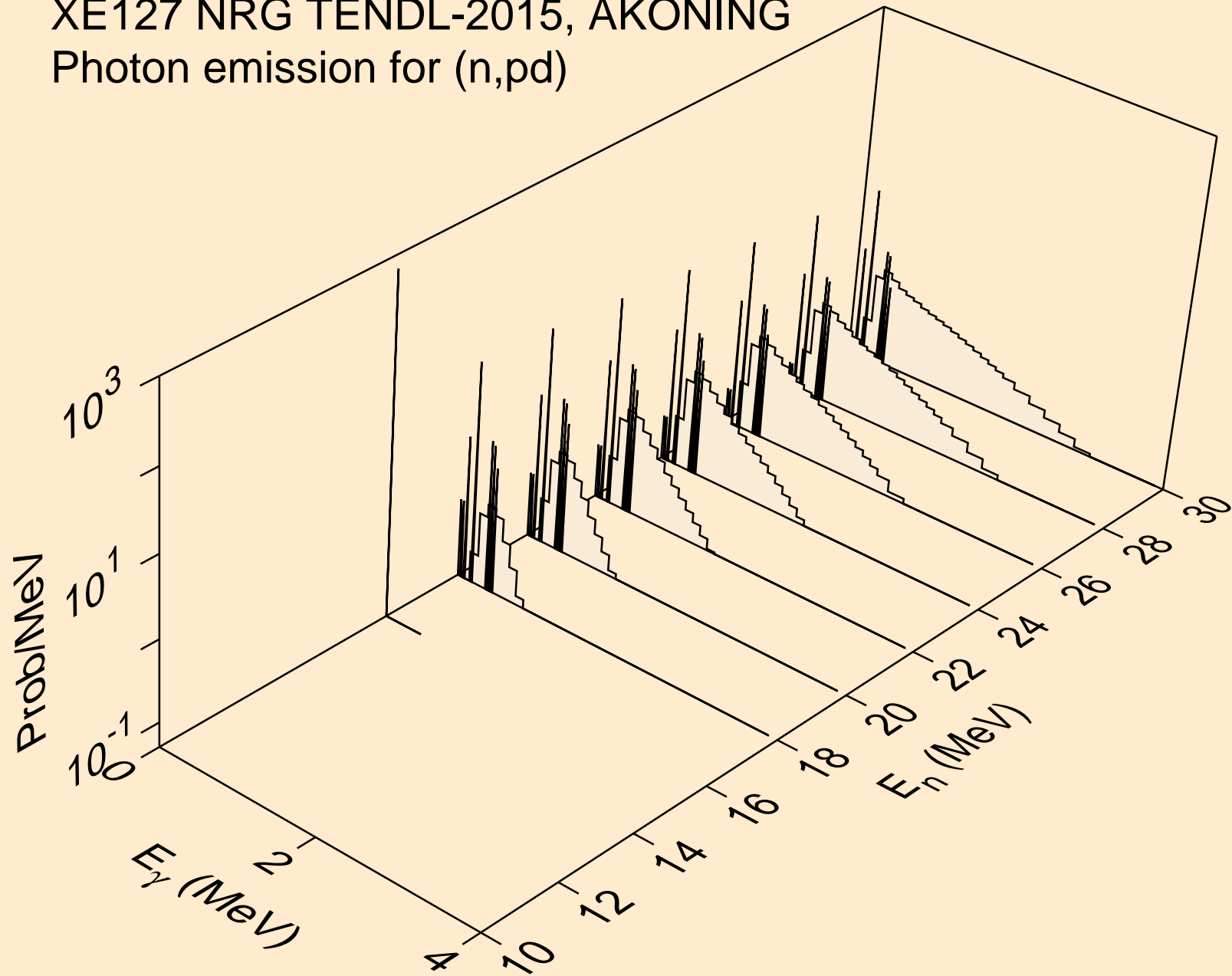
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

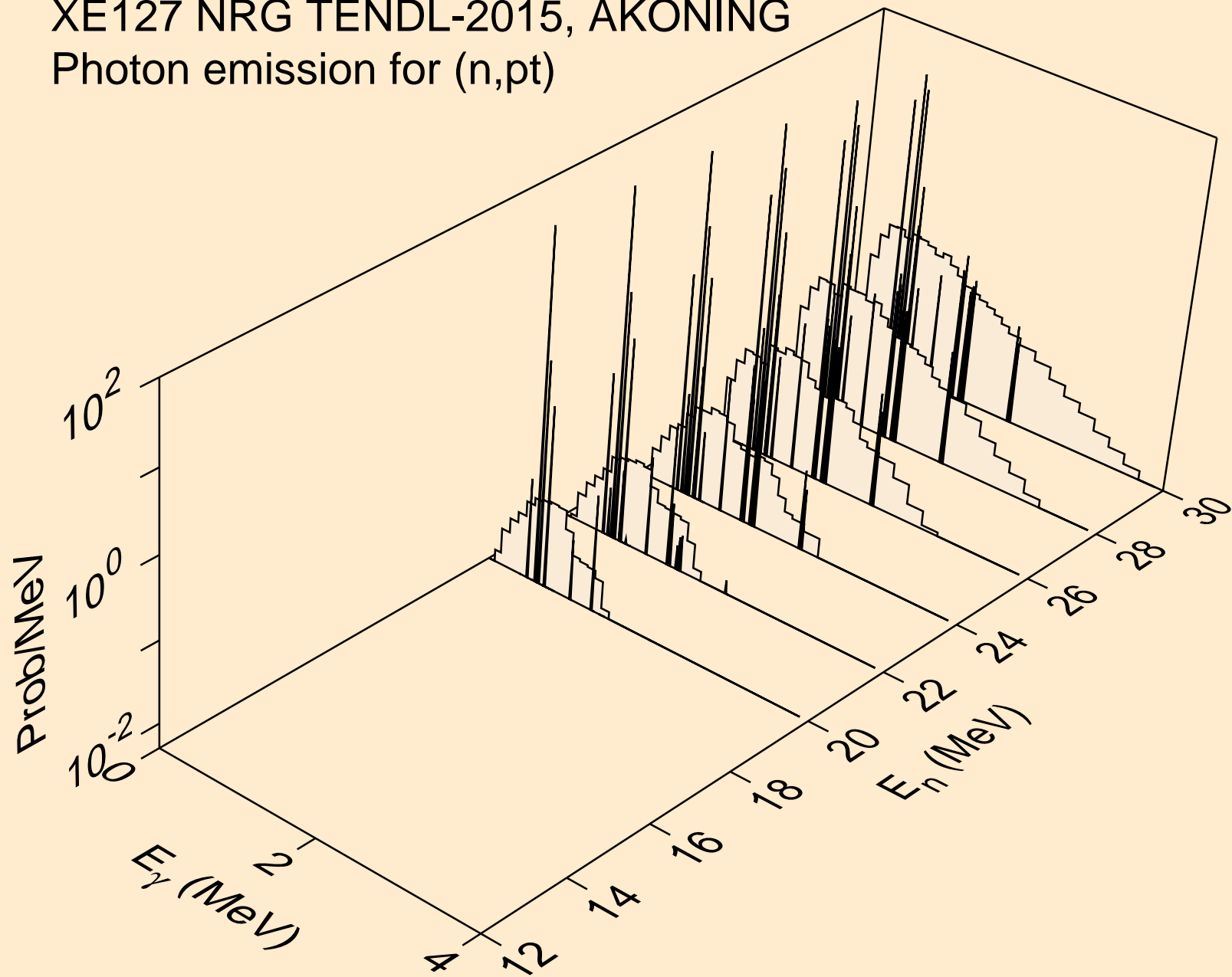


XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

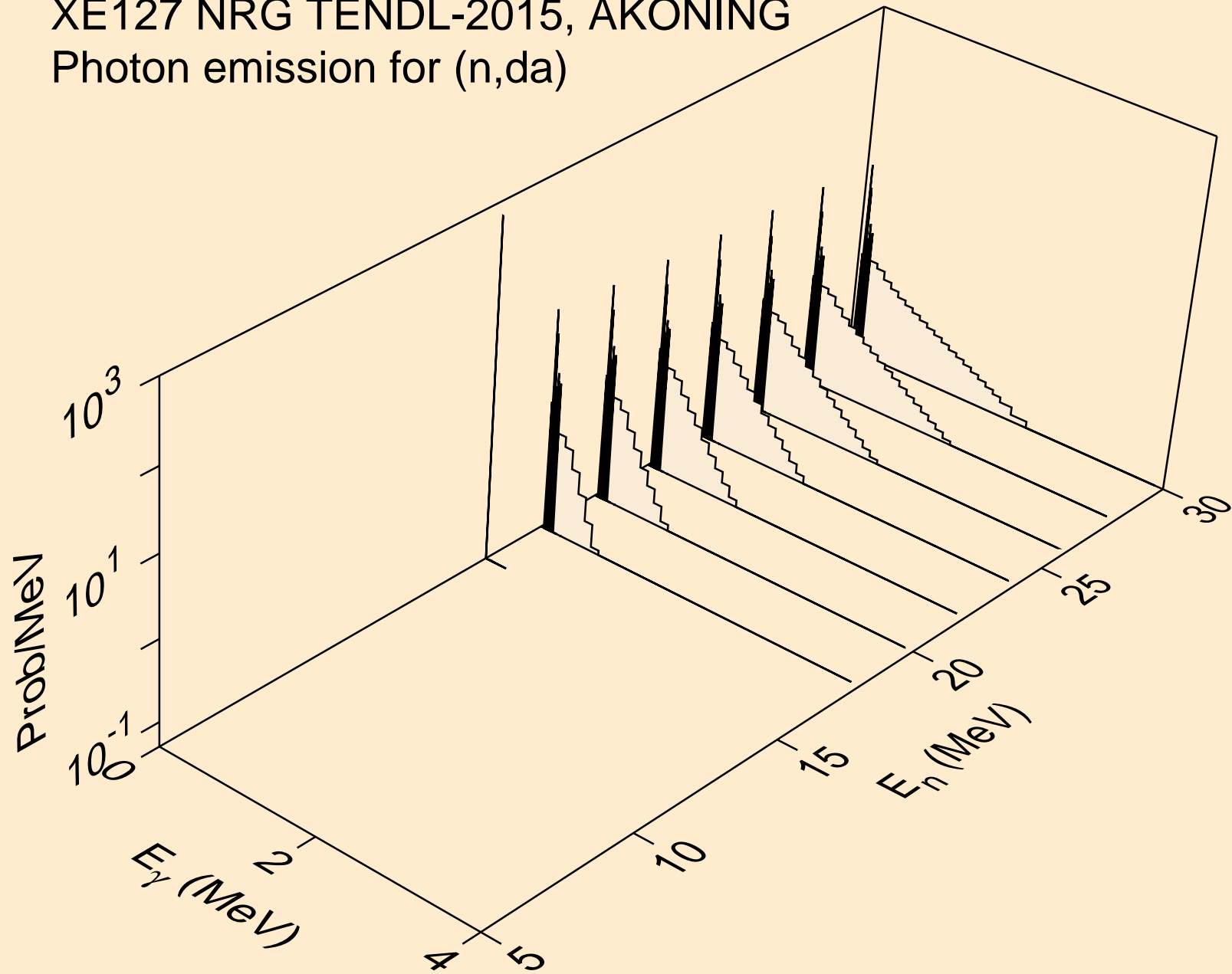




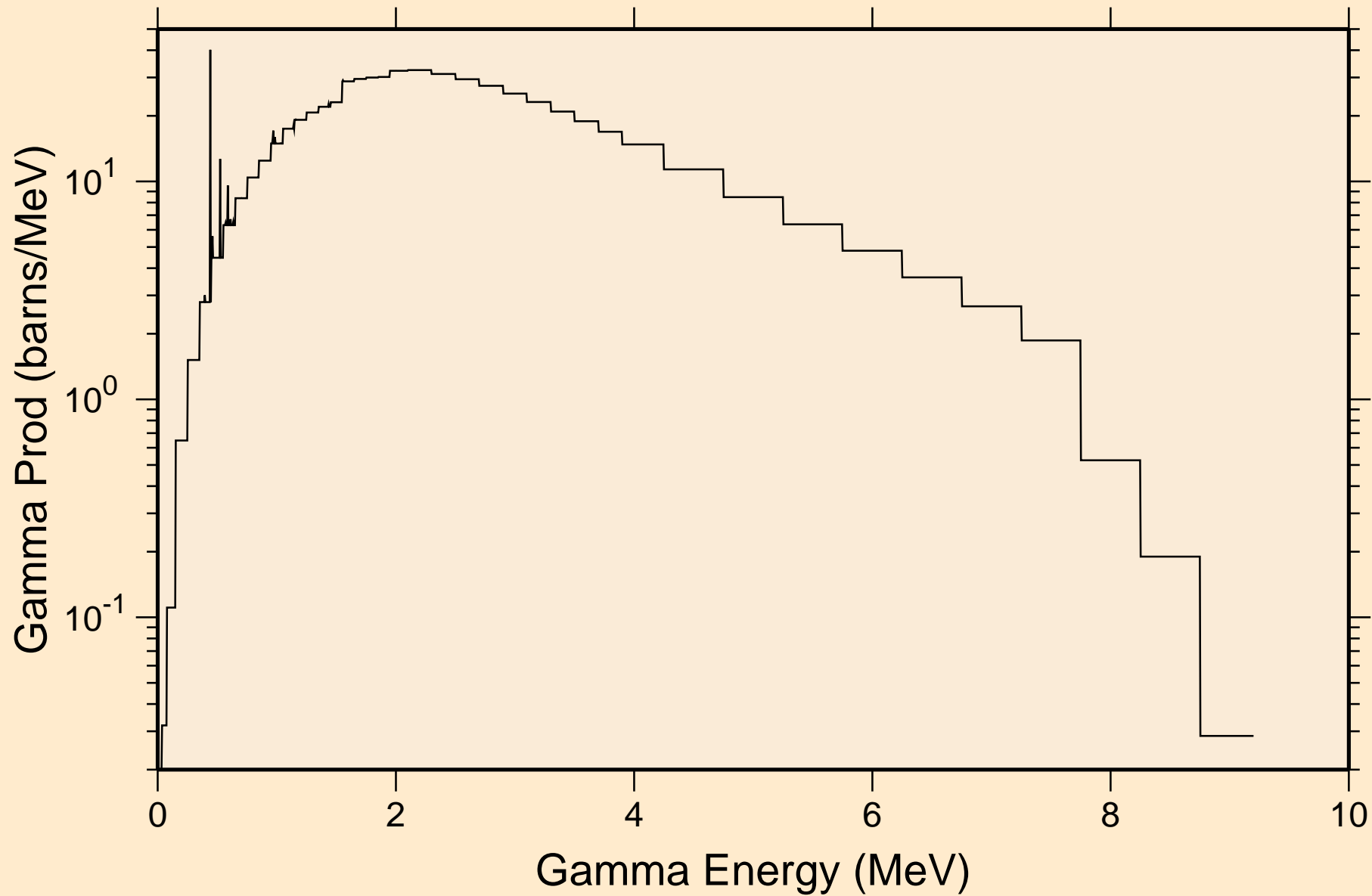
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



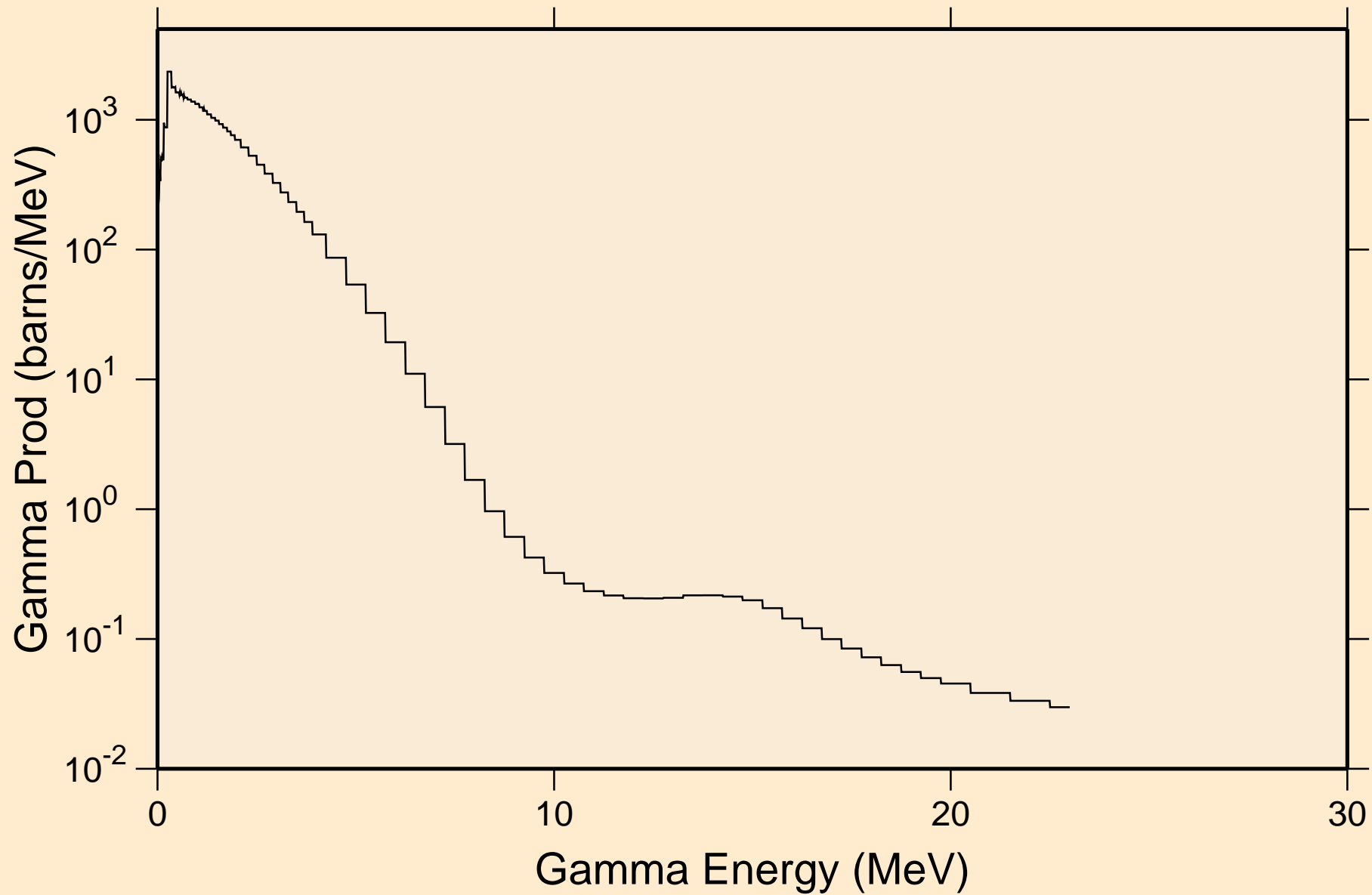
XE127 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



XE127 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

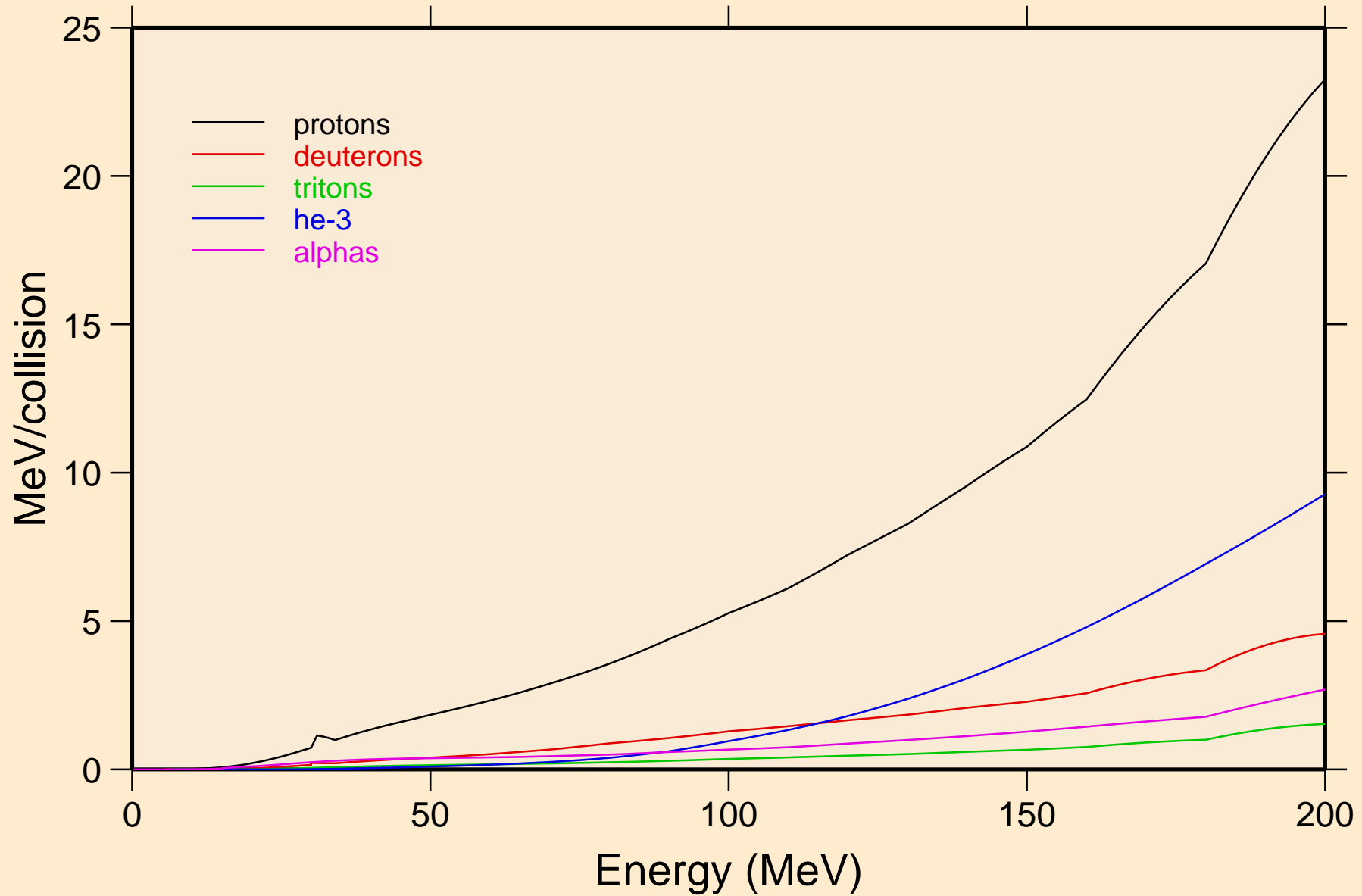


XE127 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



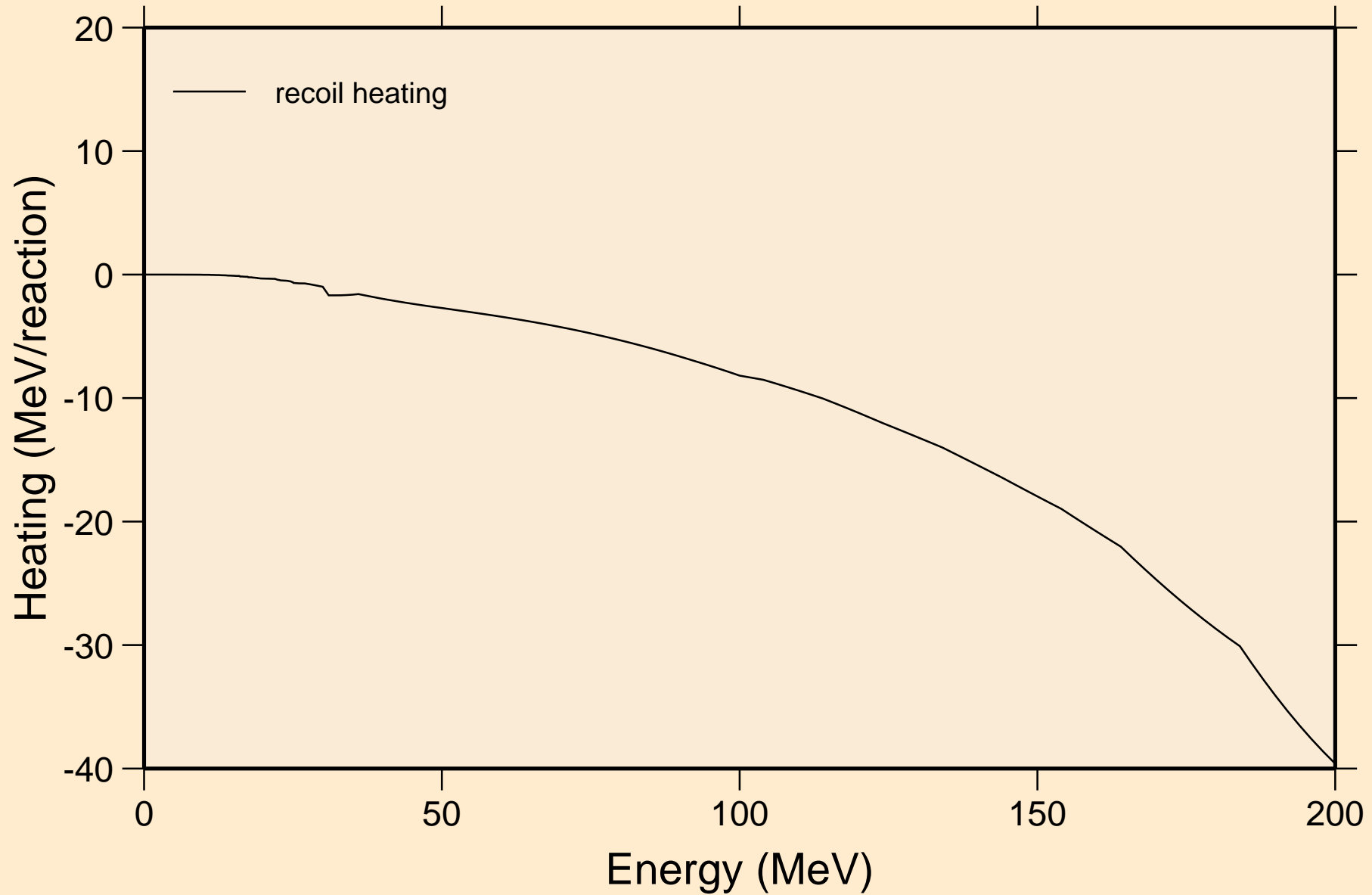
# XE127 NRG TENDL-2015, AKONING

## Particle heating contributions



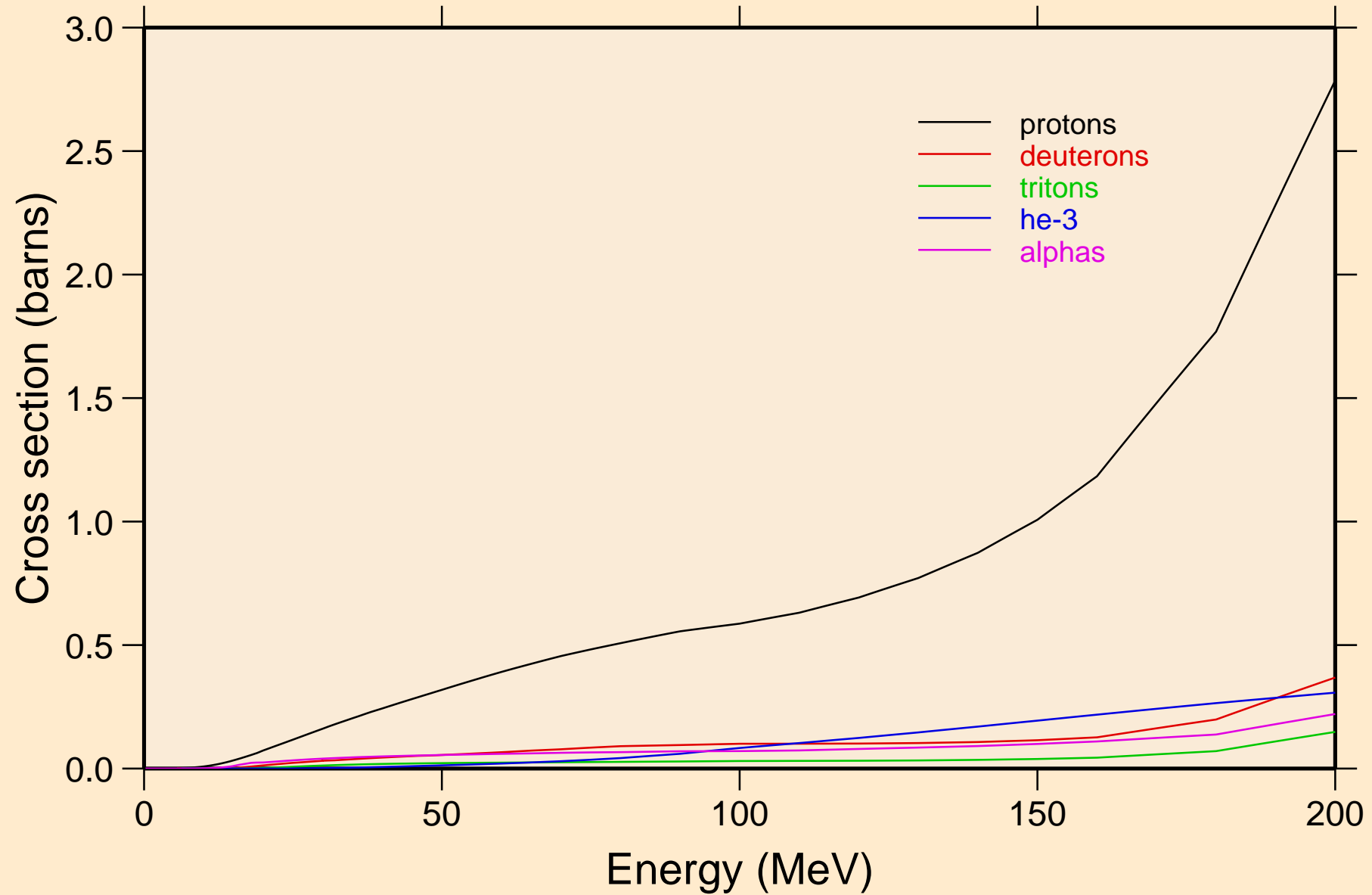
# XE127 NRG TENDL-2015, AKONING

## Recoil Heating

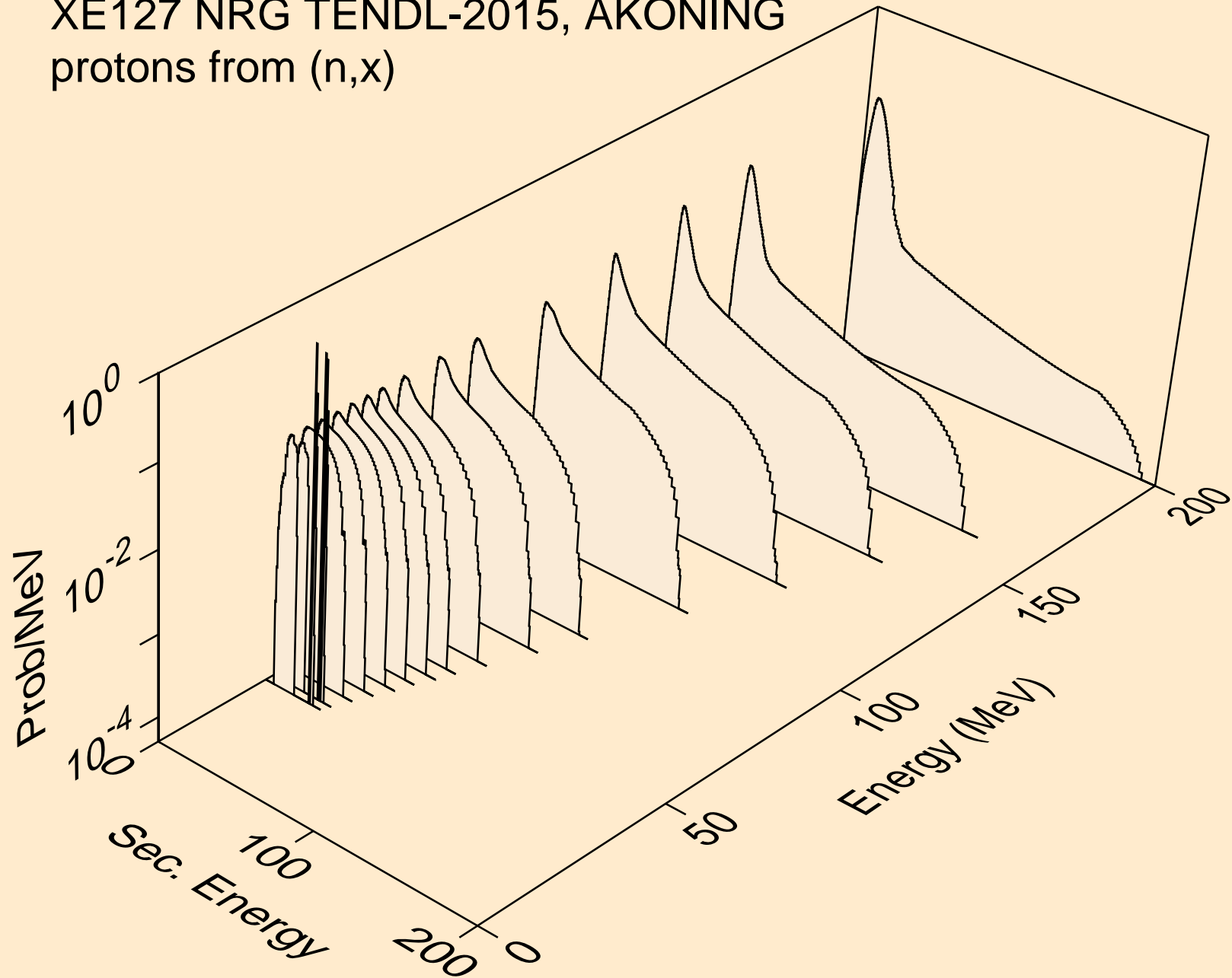


# XE127 NRG TENDL-2015, AKONING

## Particle production cross sections

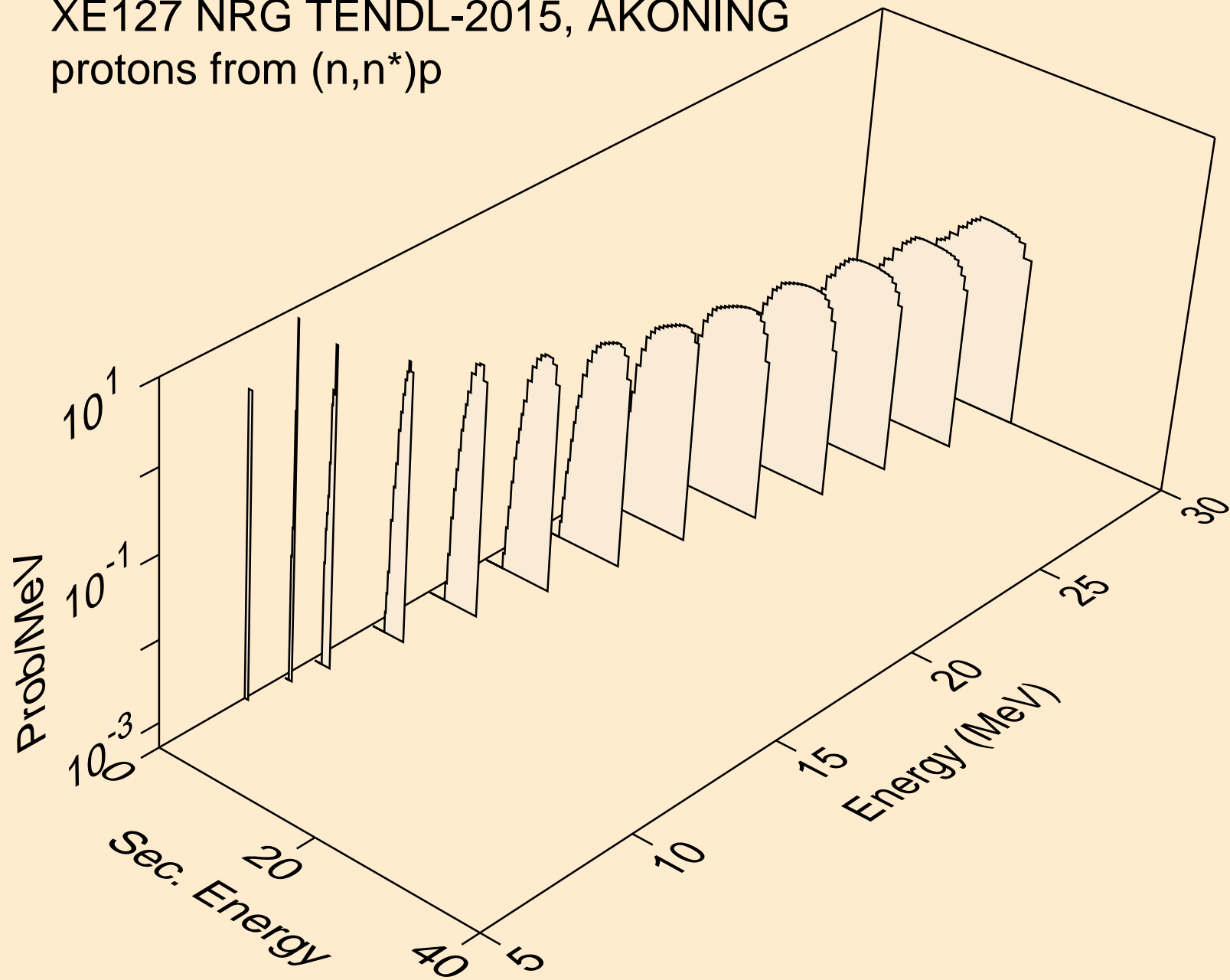


XE127 NRG TENDL-2015, AKONING  
protons from (n,x)

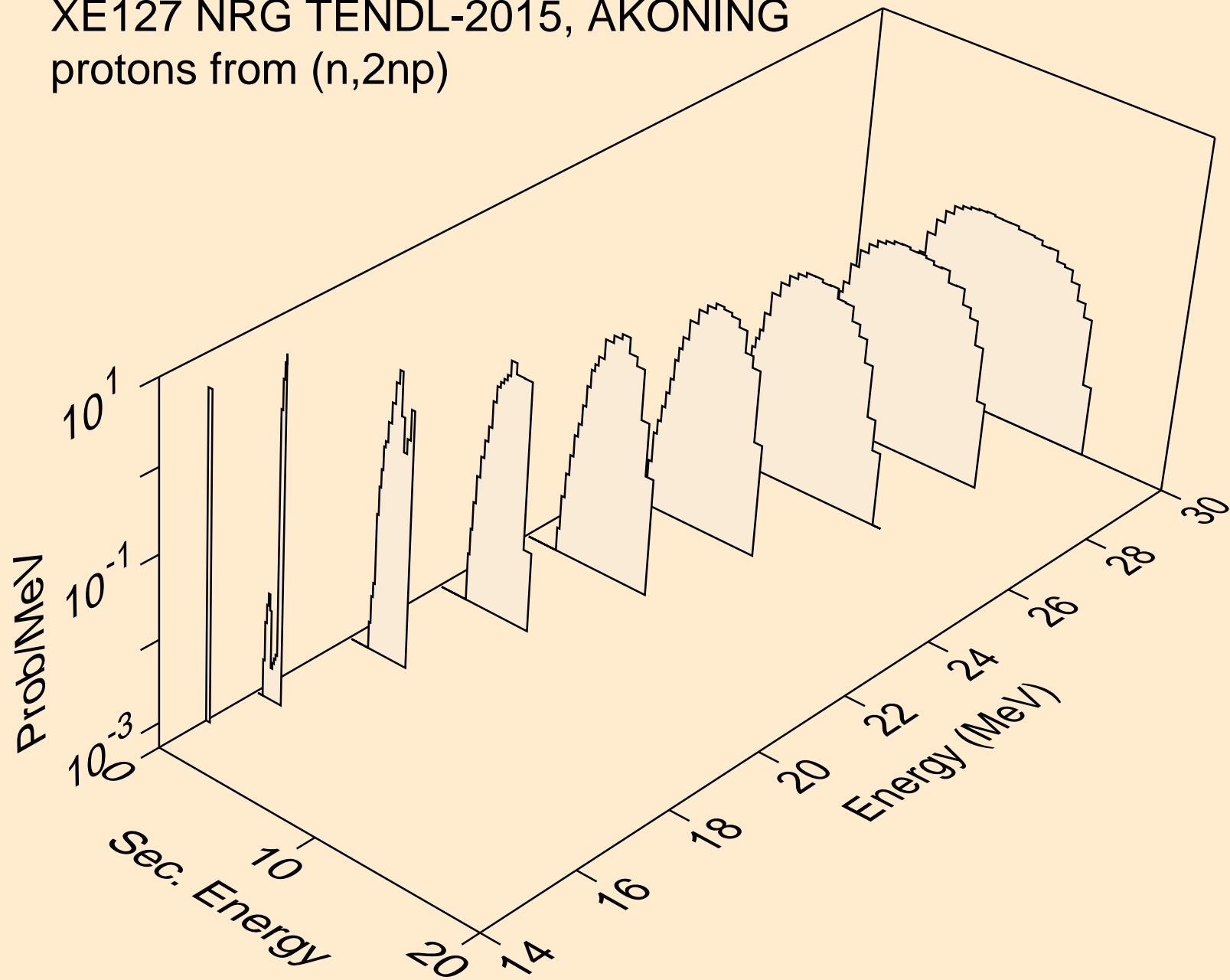




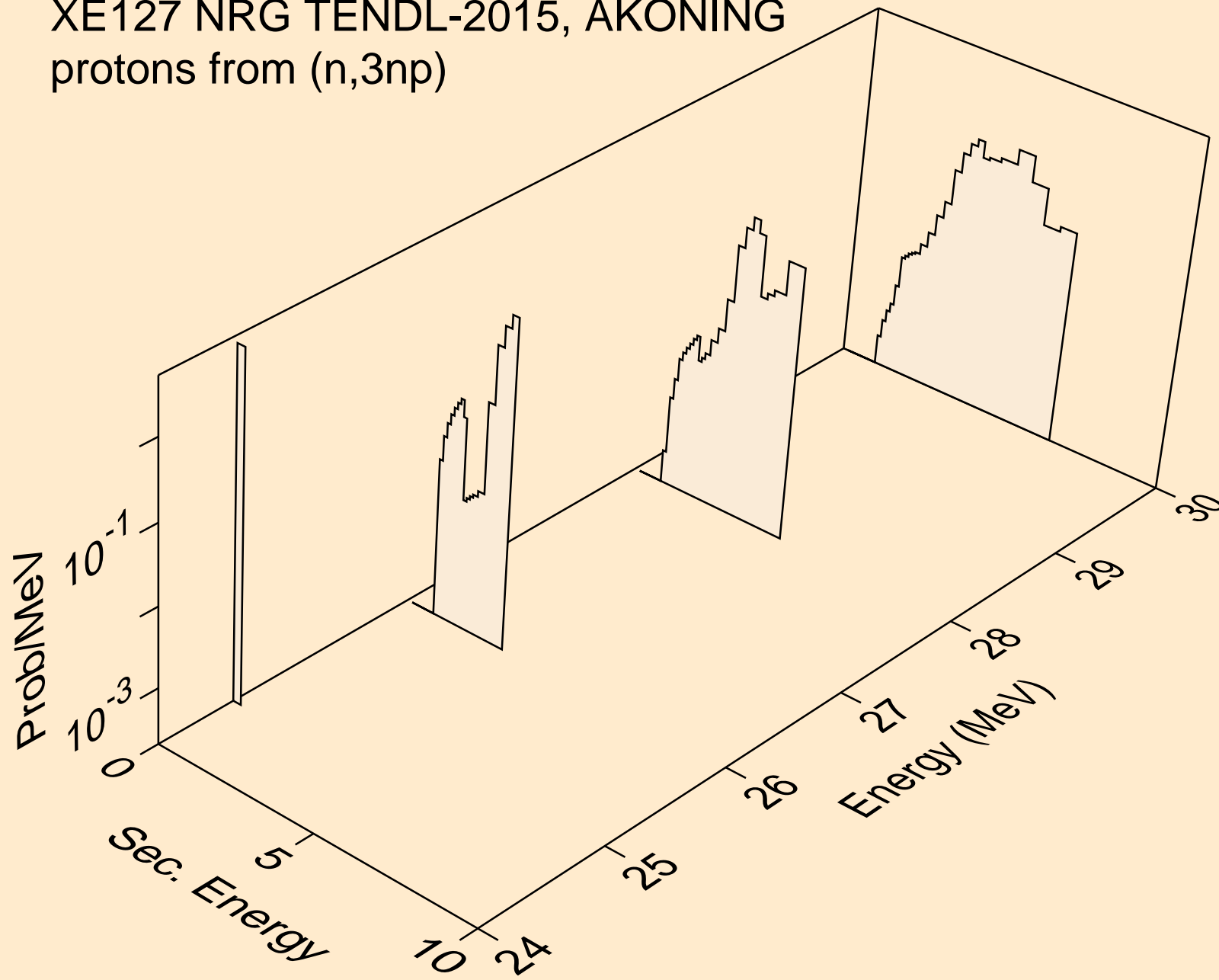
XE127 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



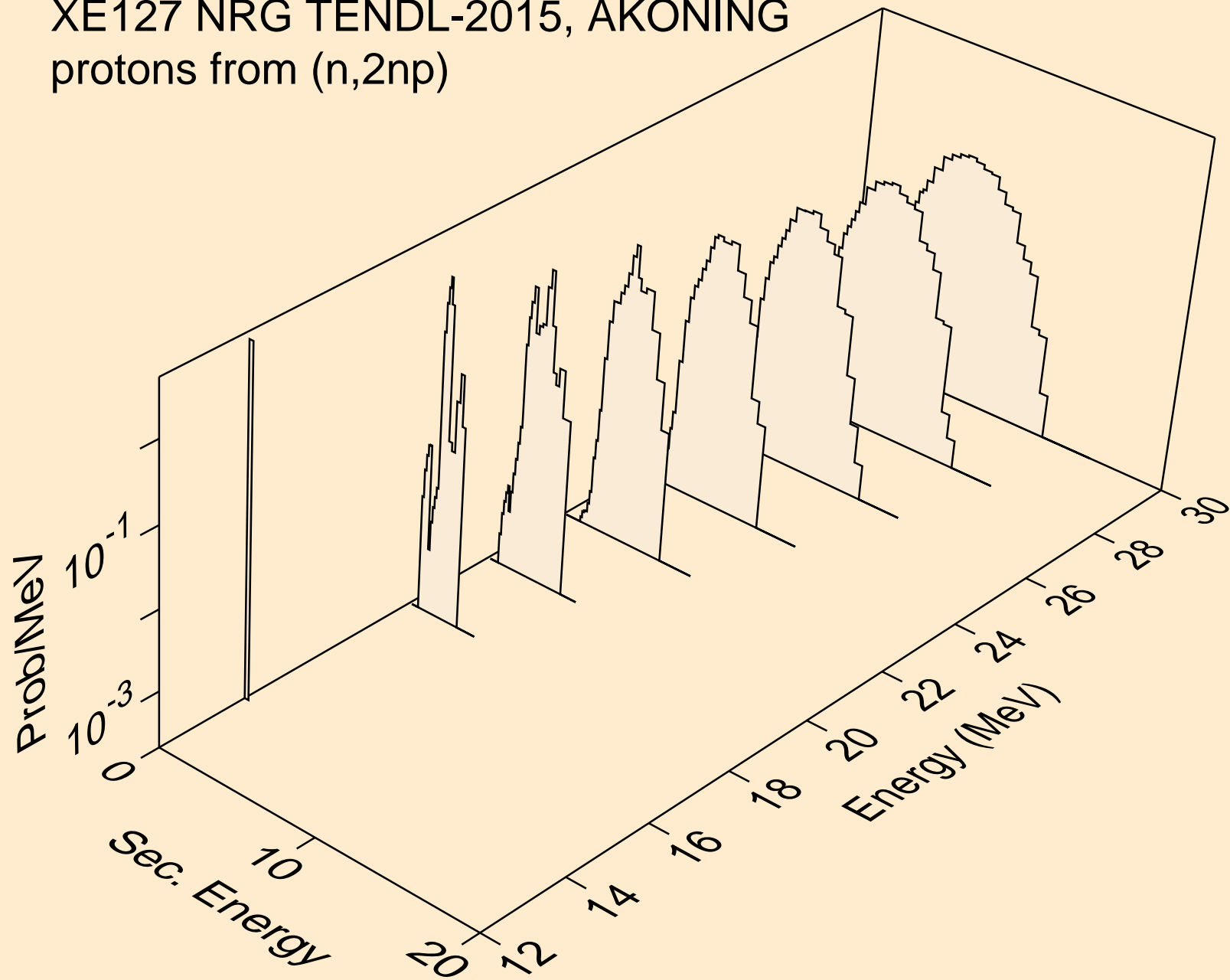
XE127 NRG TENDL-2015, AKONING  
protons from (n,2np)



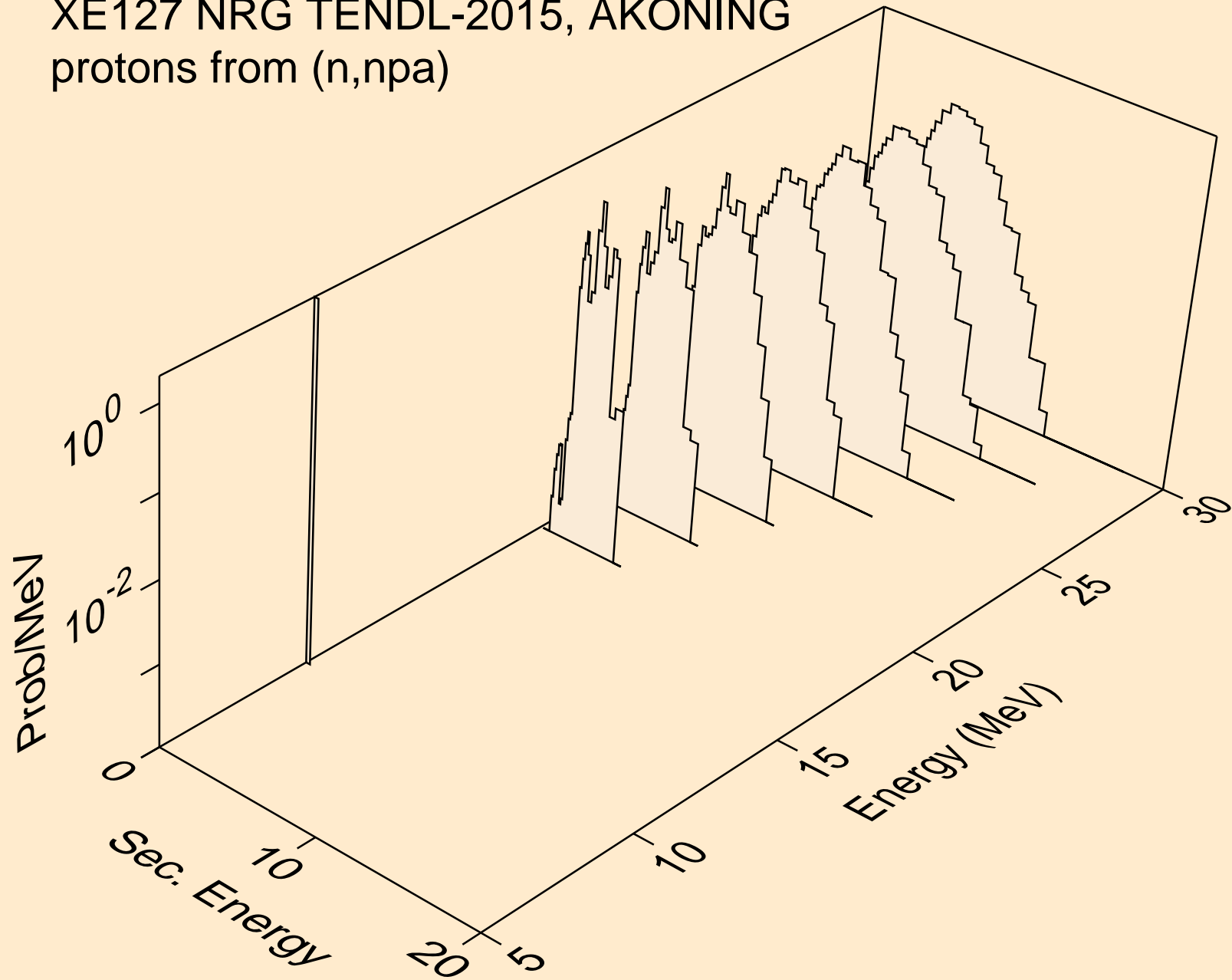
XE127 NRG TENDL-2015, AKONING  
protons from (n,3np)



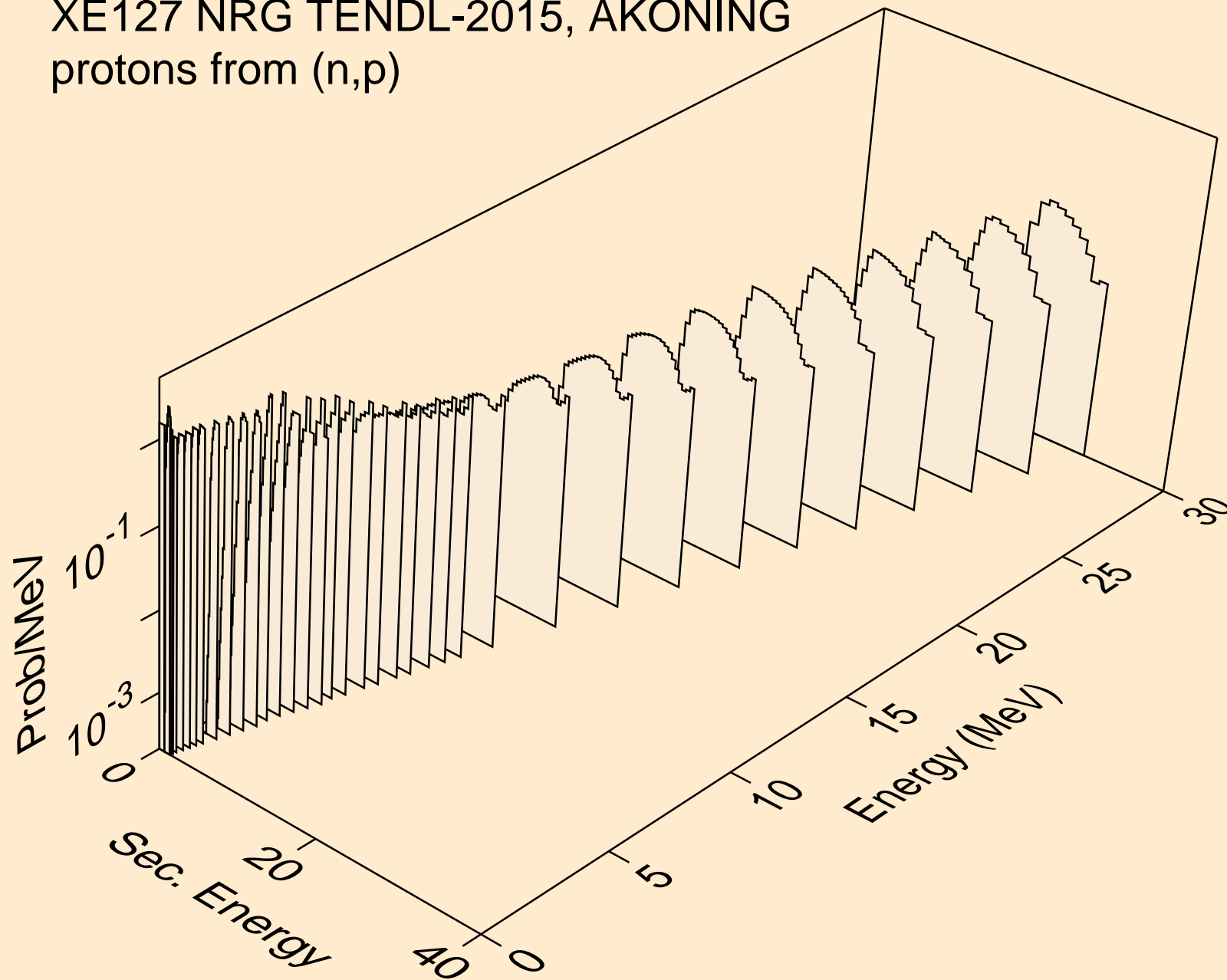
XE127 NRG TENDL-2015, AKONING  
protons from (n,2np)



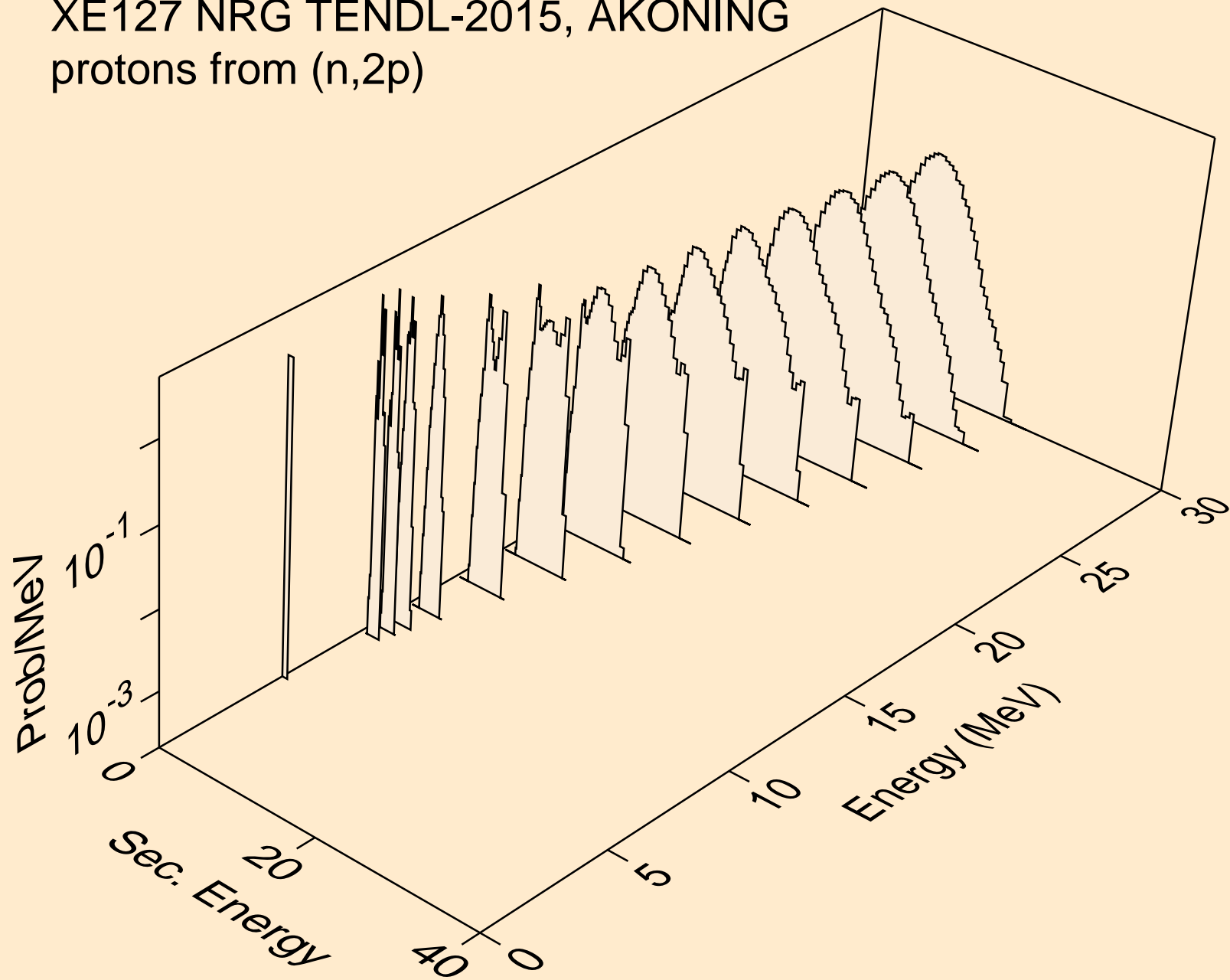
XE127 NRG TENDL-2015, AKONING  
protons from (n,npa)



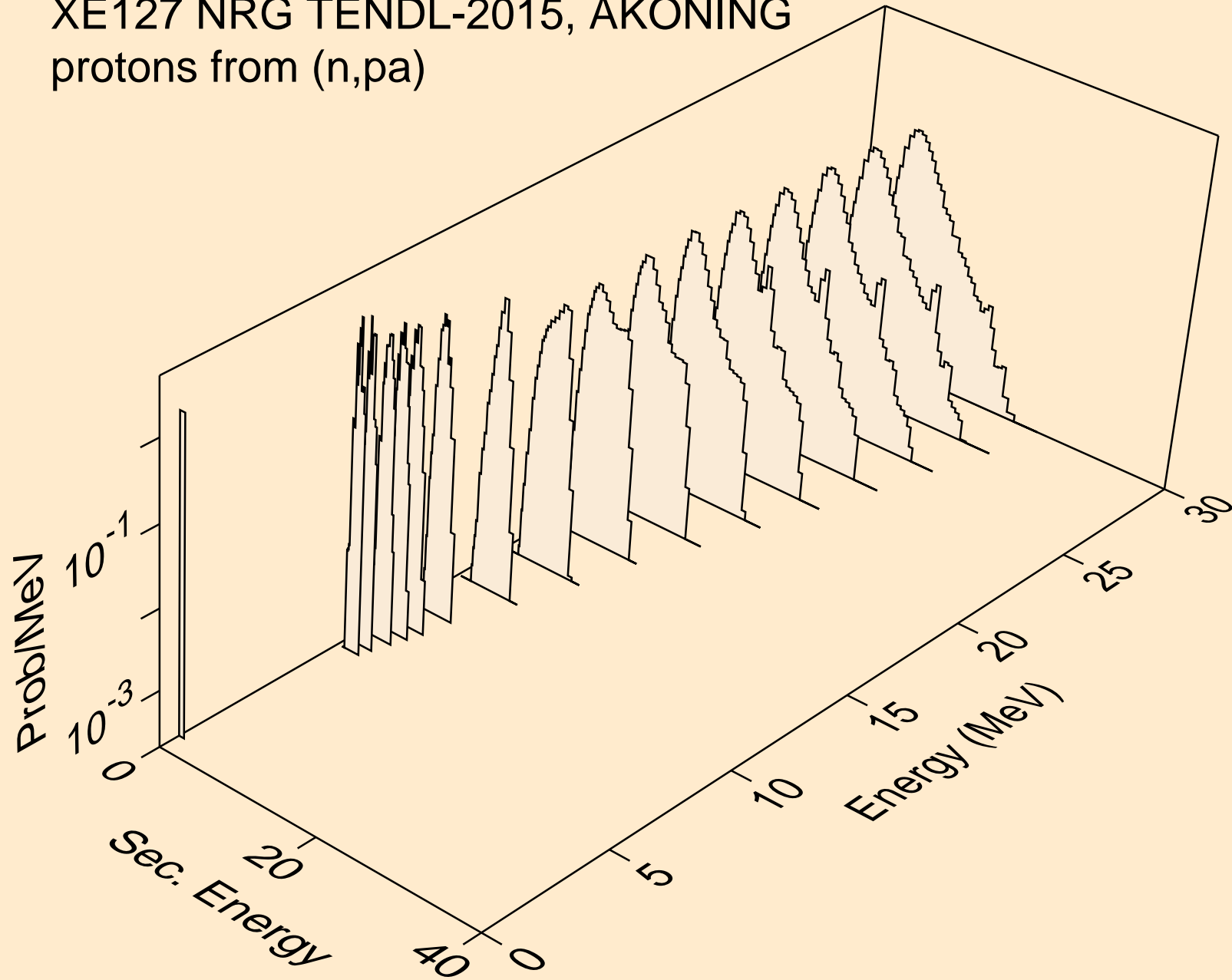
XE127 NRG TENDL-2015, AKONING  
protons from (n,p)



XE127 NRG TENDL-2015, AKONING  
protons from (n,2p)

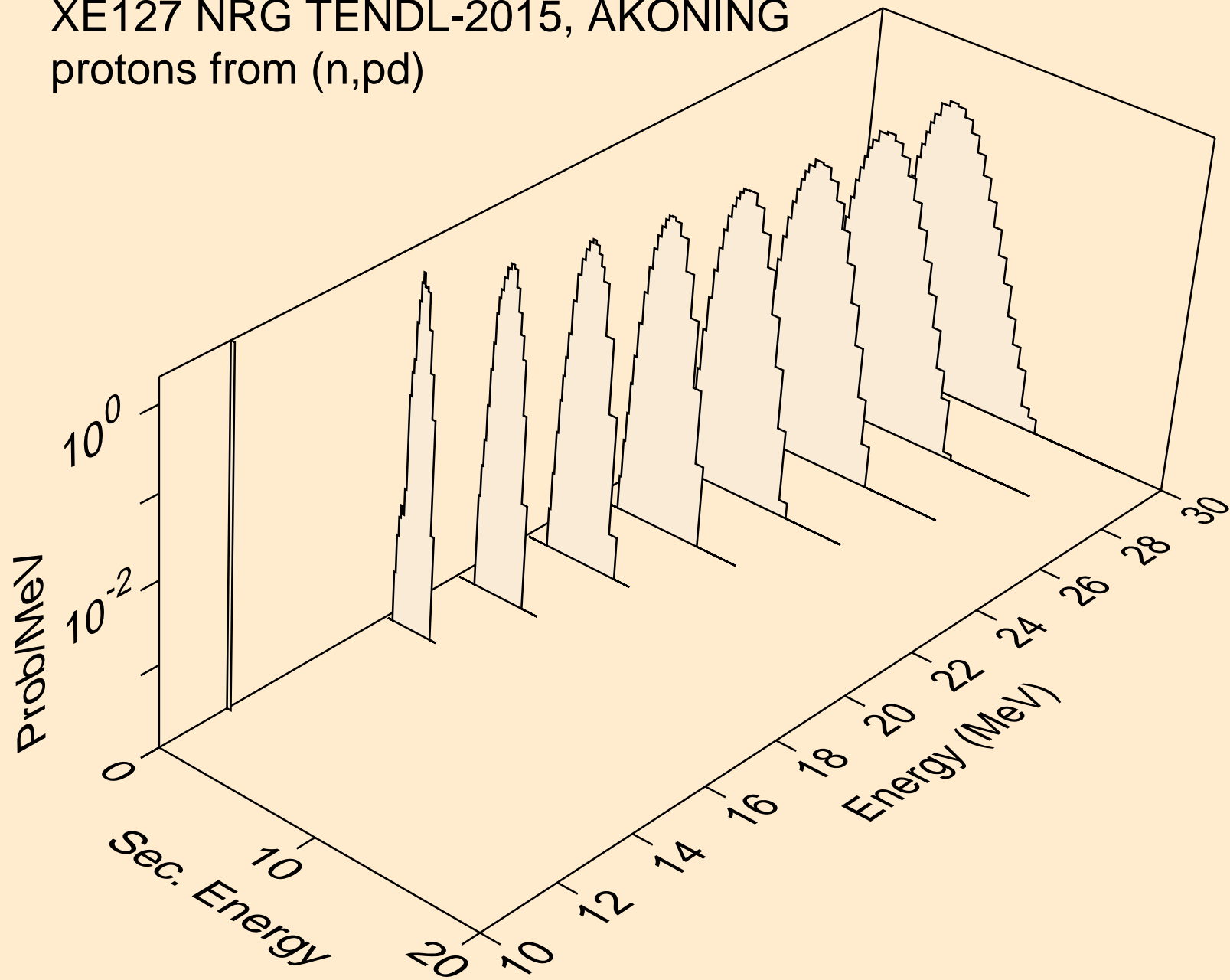


XE127 NRG TENDL-2015, AKONING  
protons from (n,pa)

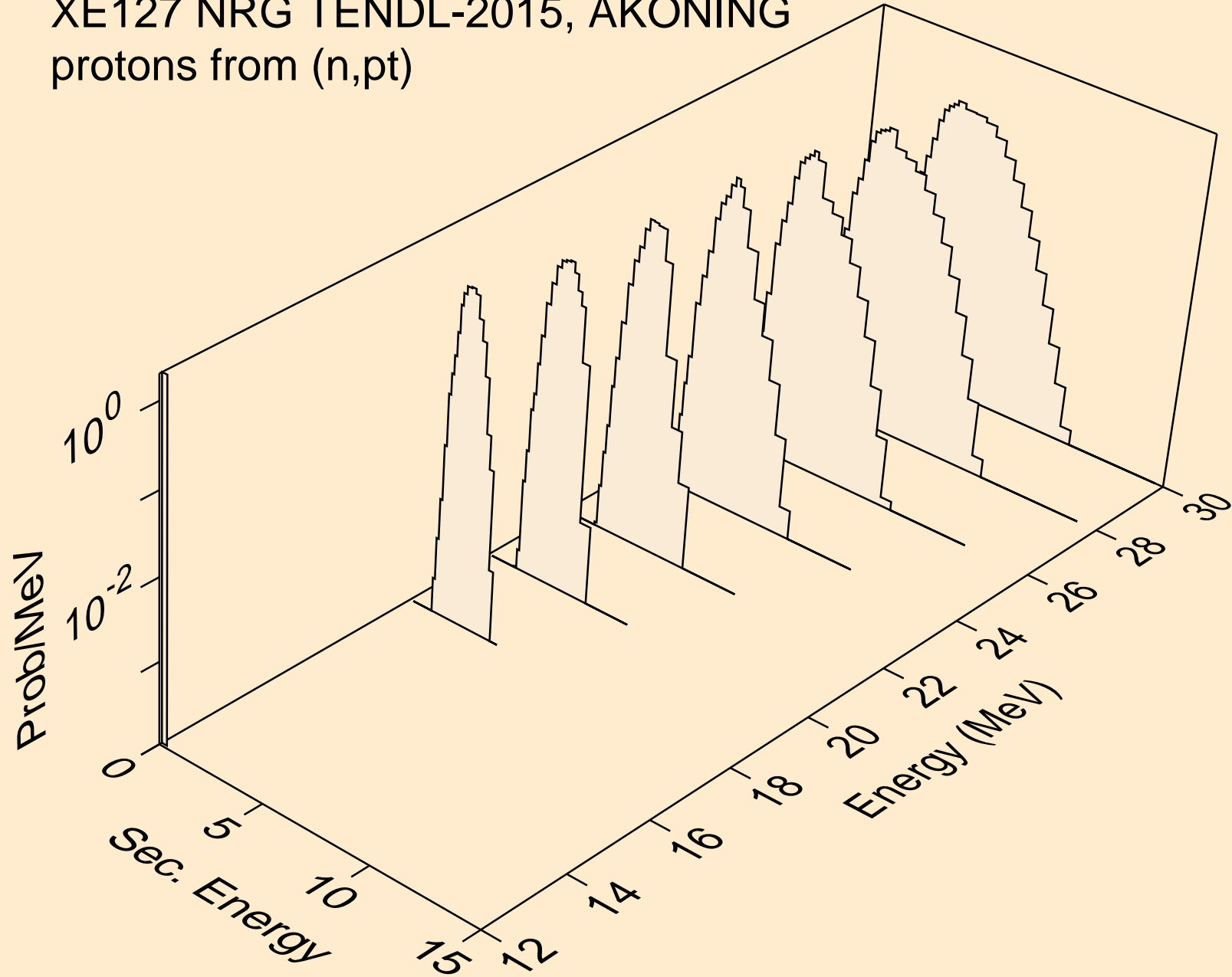




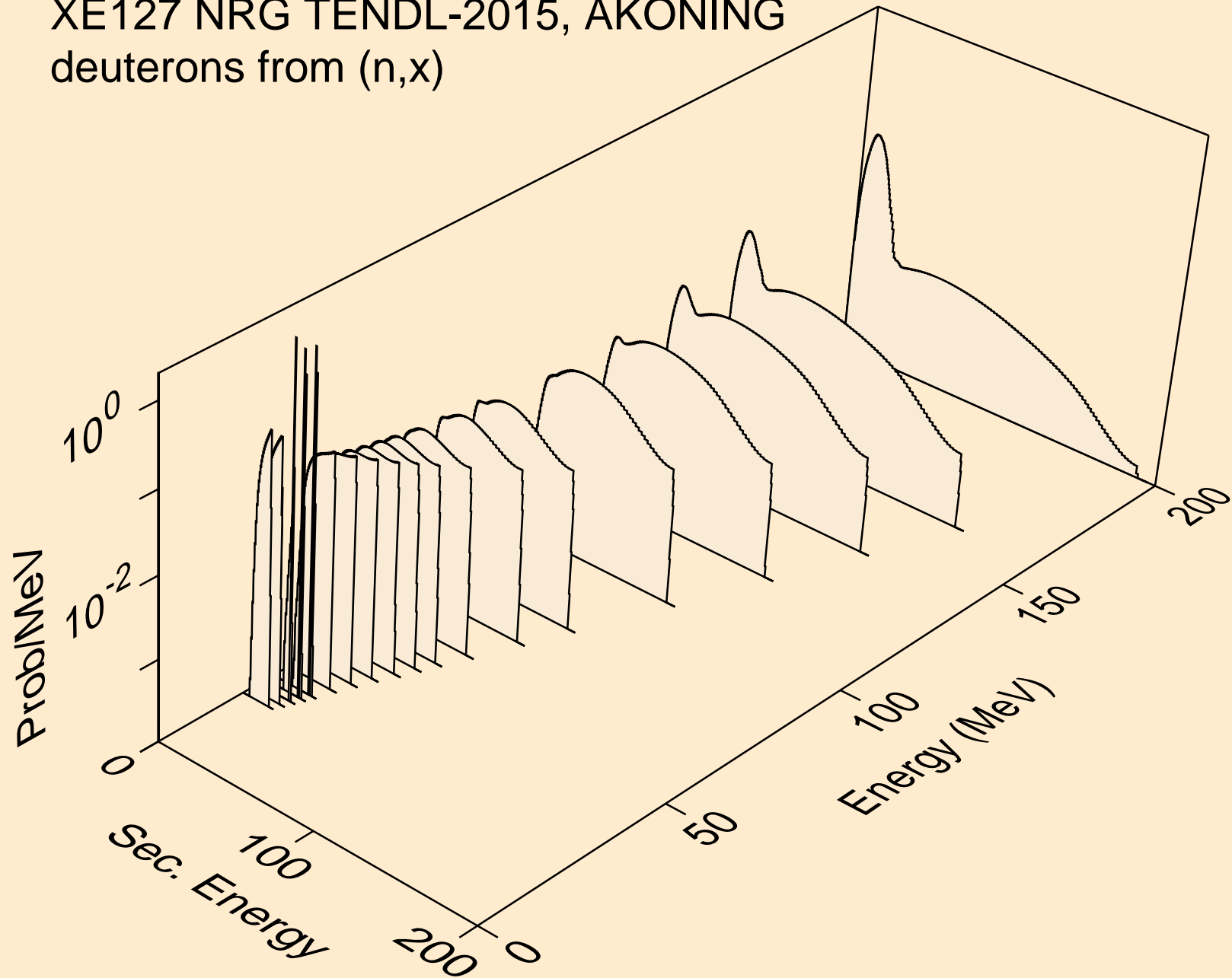
XE127 NRG TENDL-2015, AKONING  
protons from (n,pd)



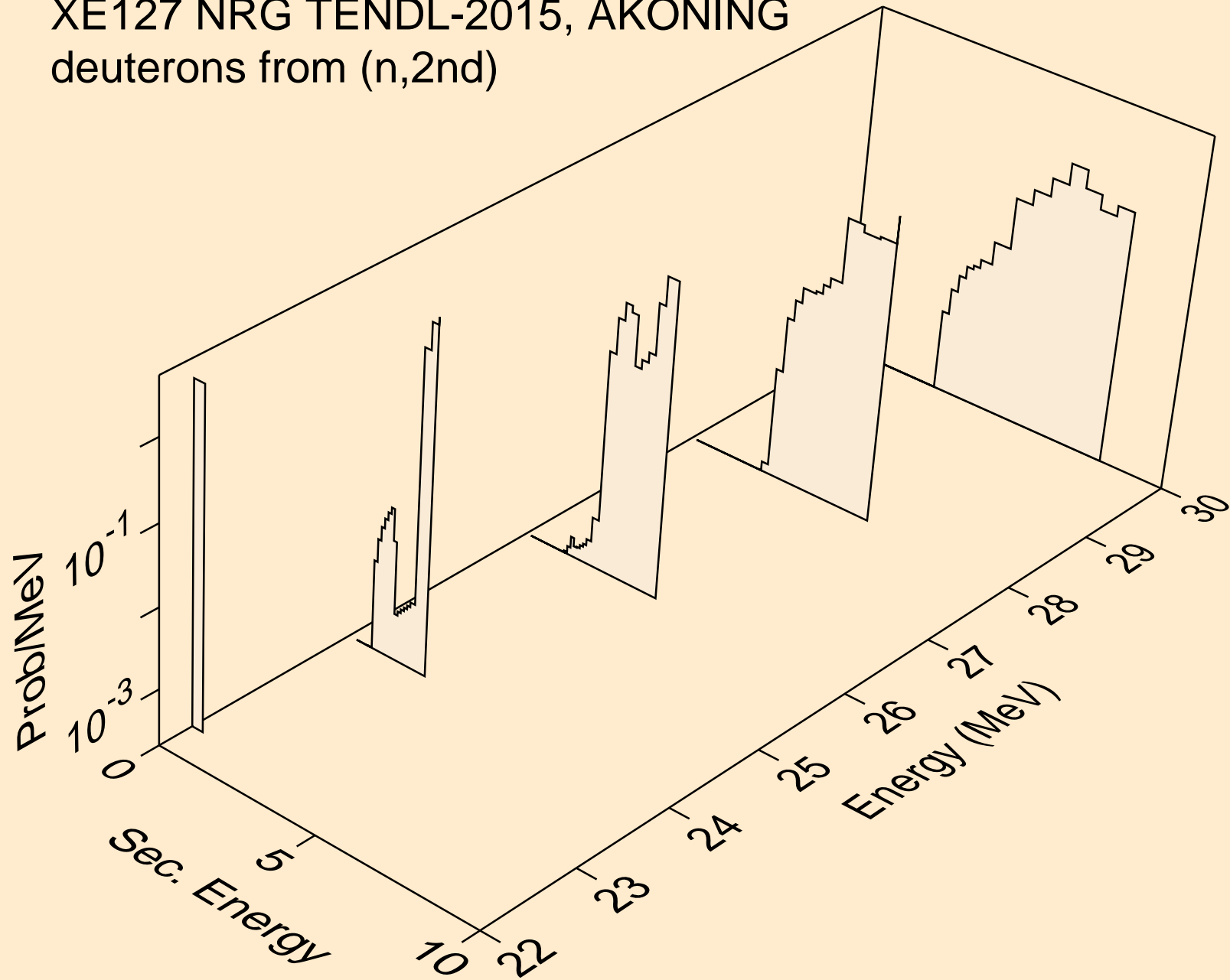
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protons from (n,pt)



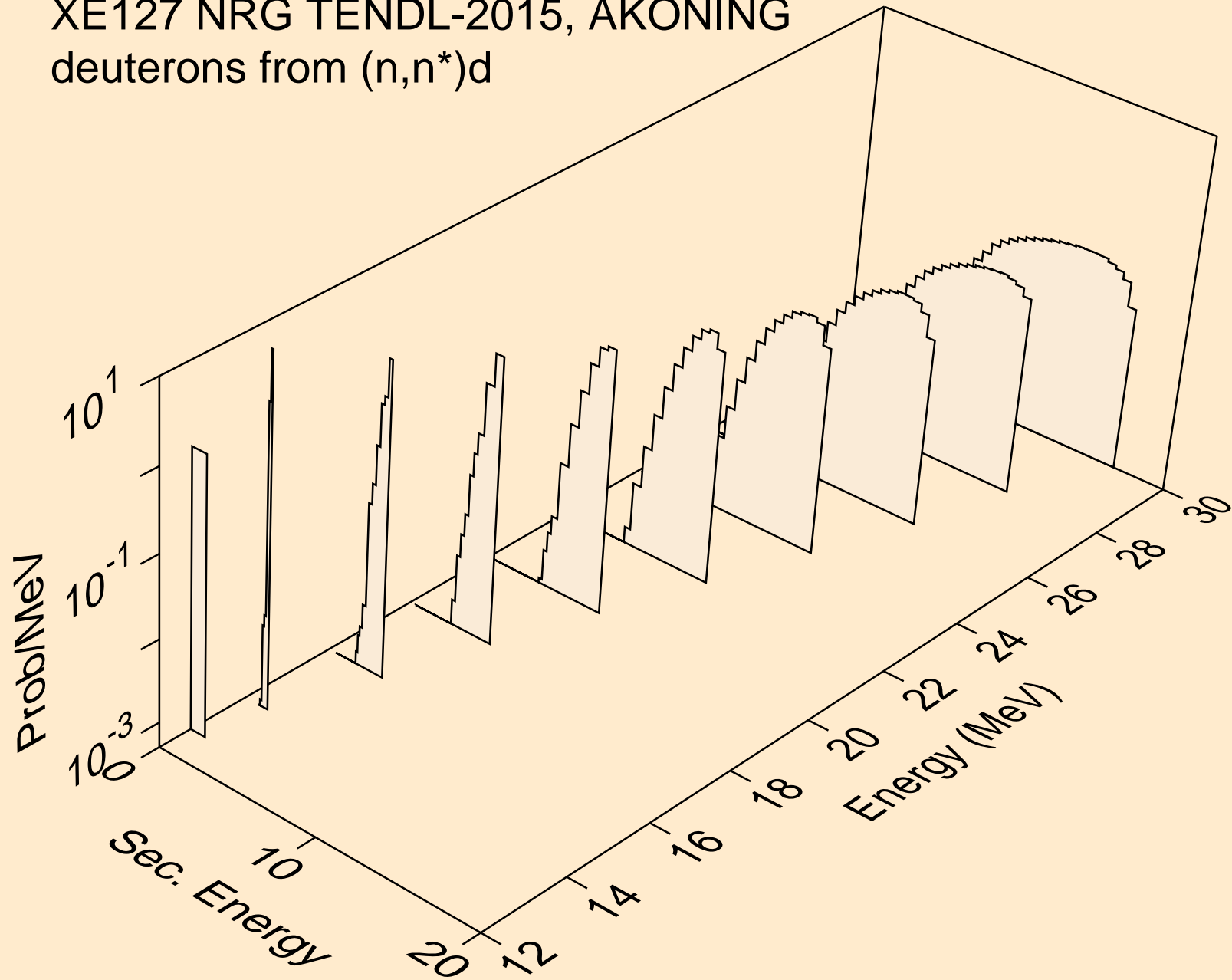
XE127 NRG TENDL-2015, AKONING  
deuterons from (n,x)



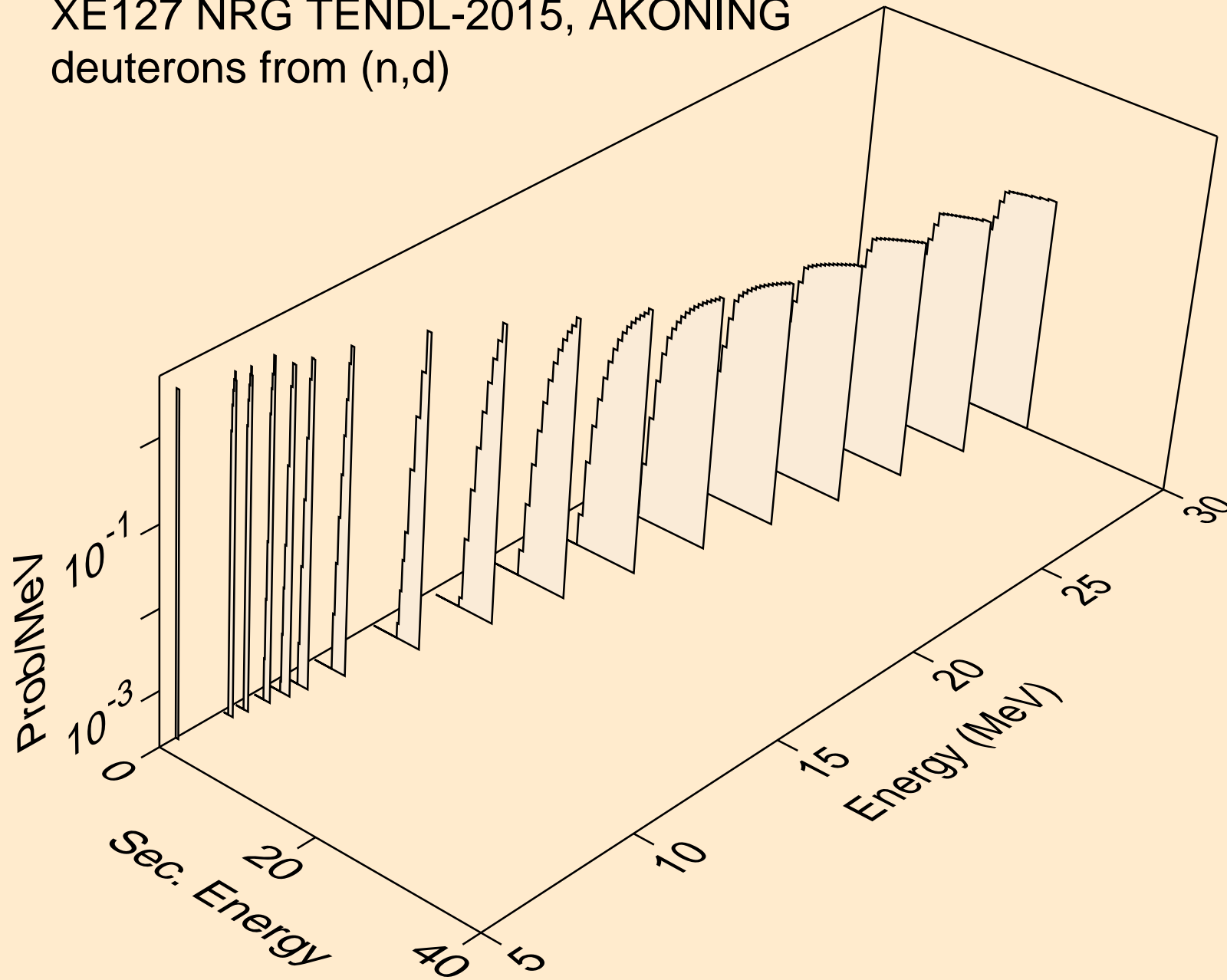
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deuterons from (n,2nd)



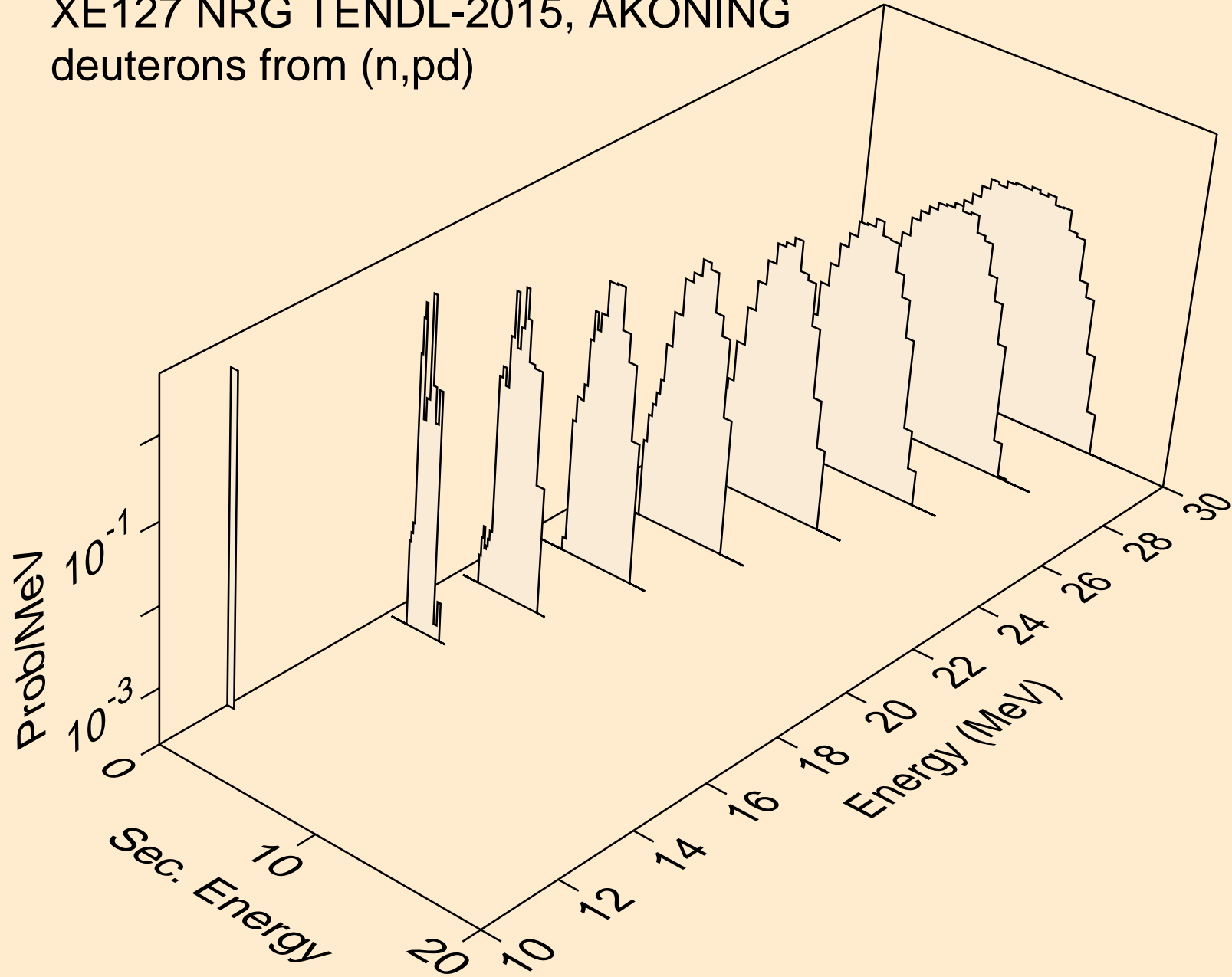
XE127 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



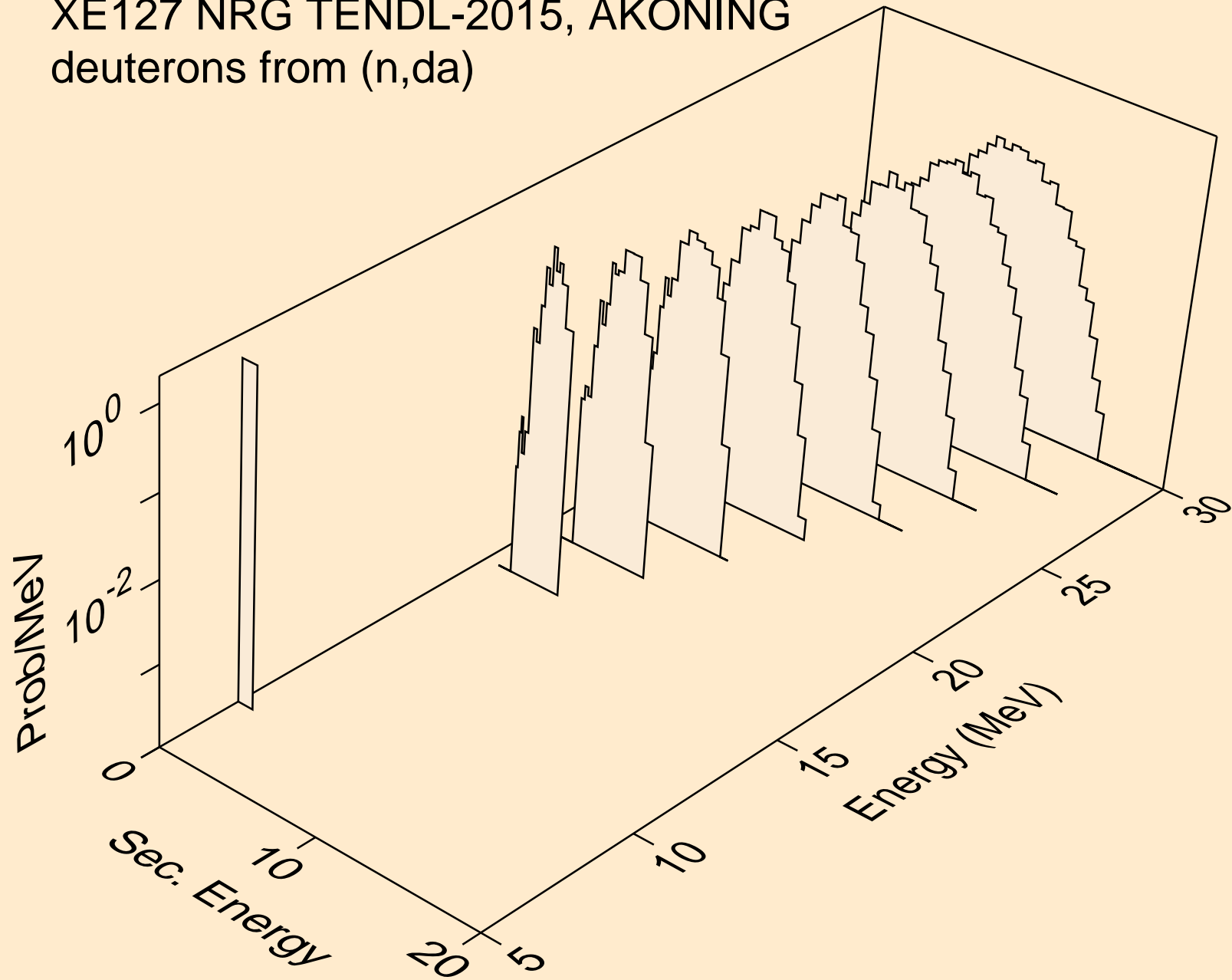
XE127 NRG TENDL-2015, AKONING  
deuterons from (n,d)



XE127 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

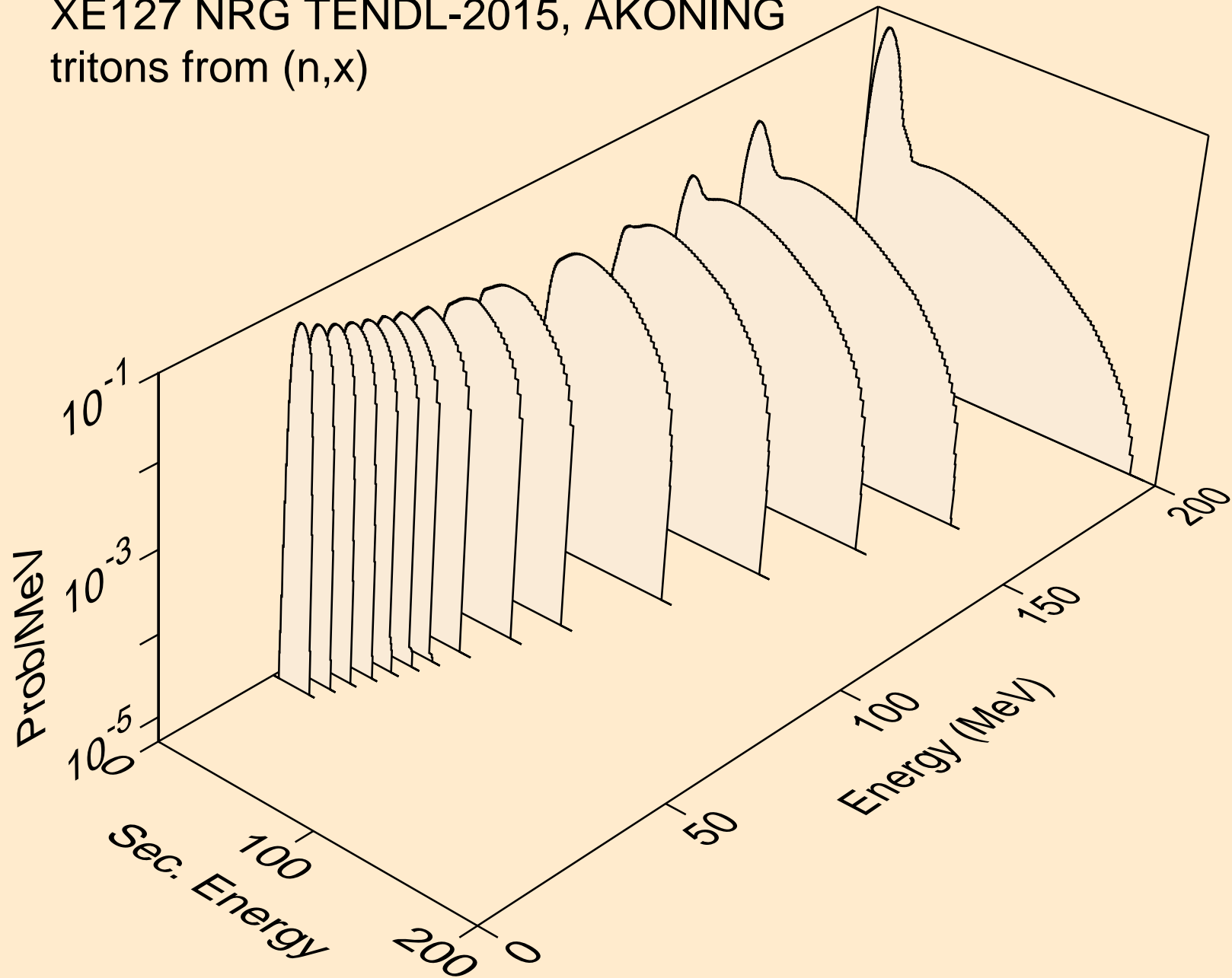


XE127 NRG TENDL-2015, AKONING  
deuterons from (n,da)

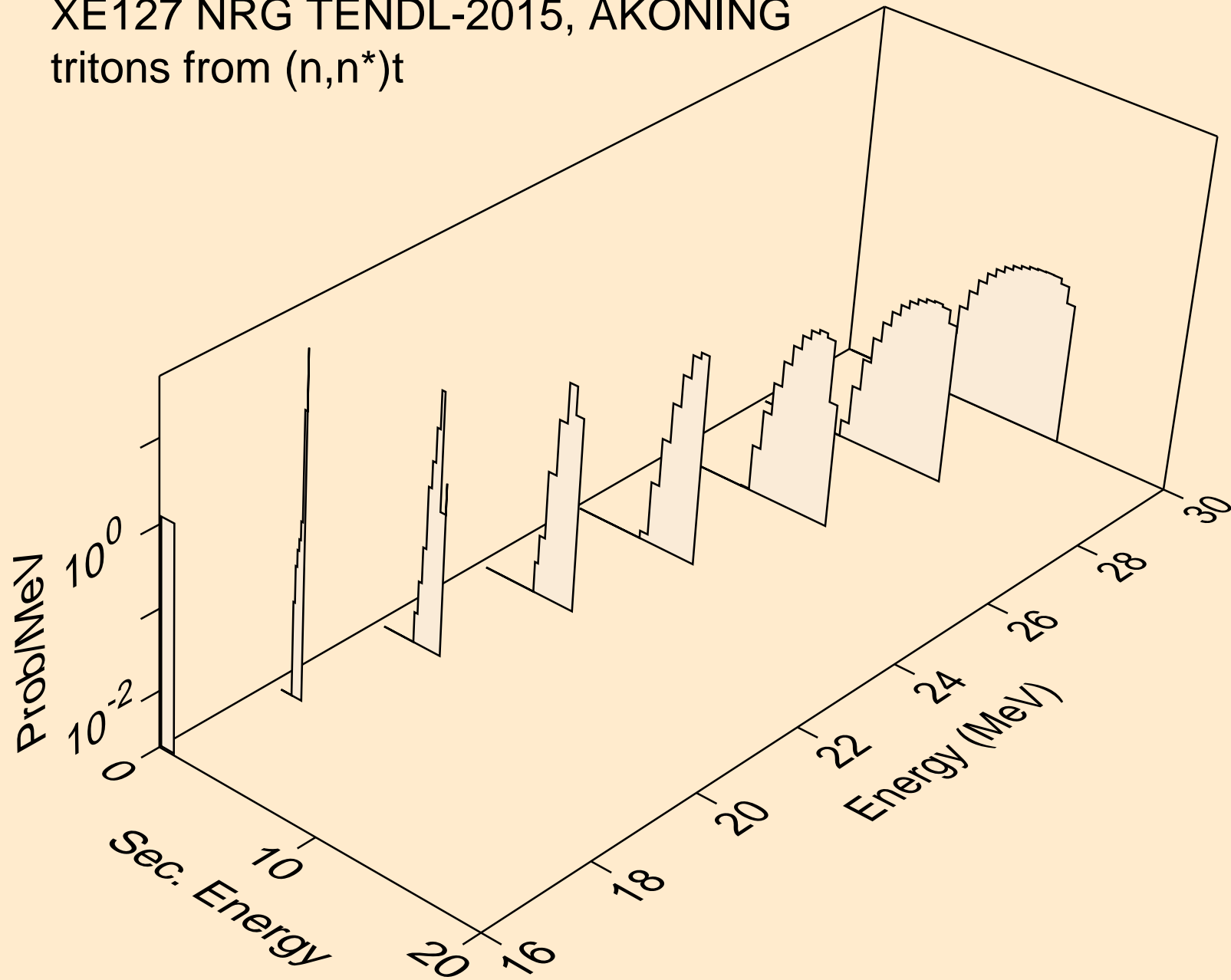




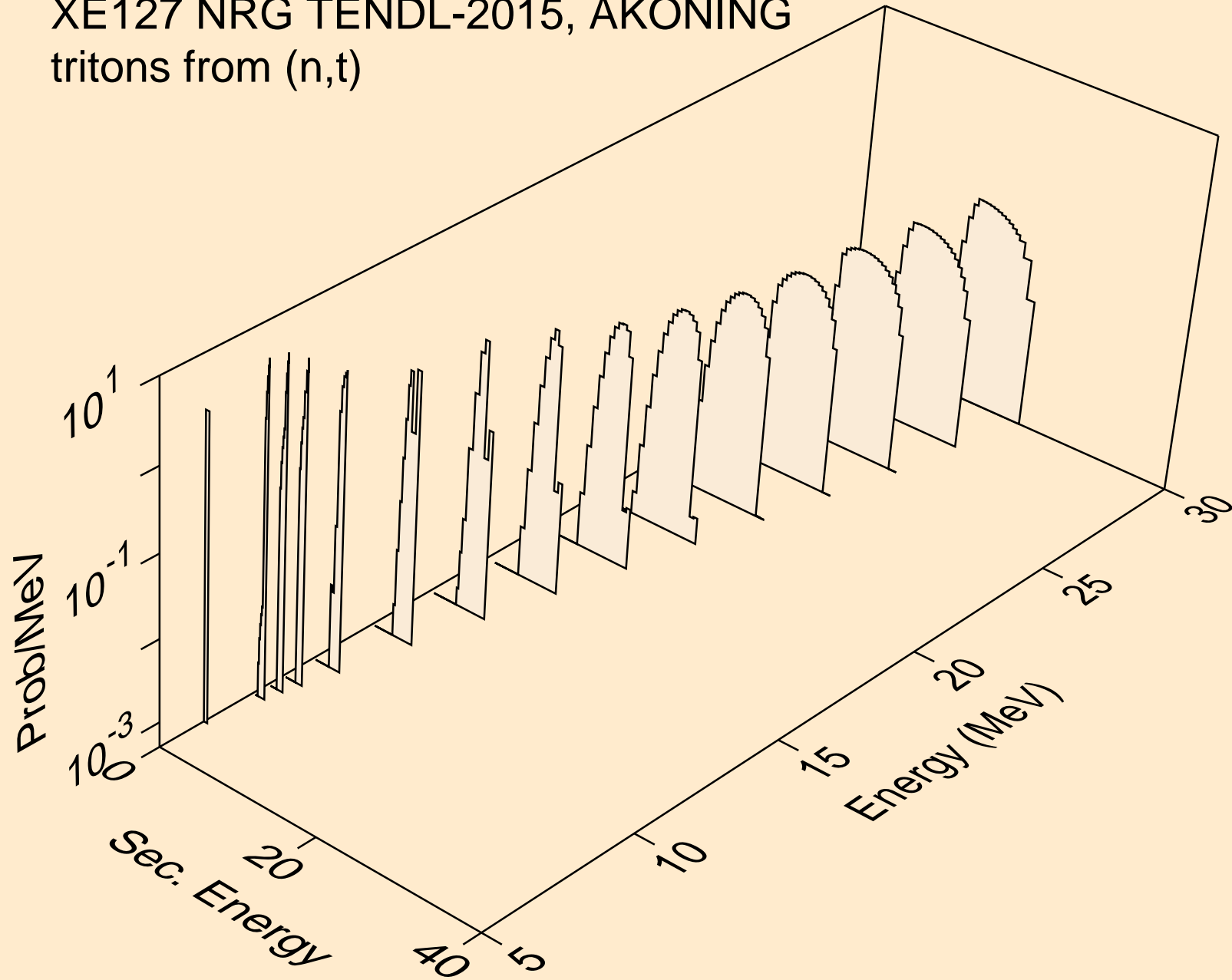
XE127 NRG TENDL-2015, AKONING  
tritons from (n,x)



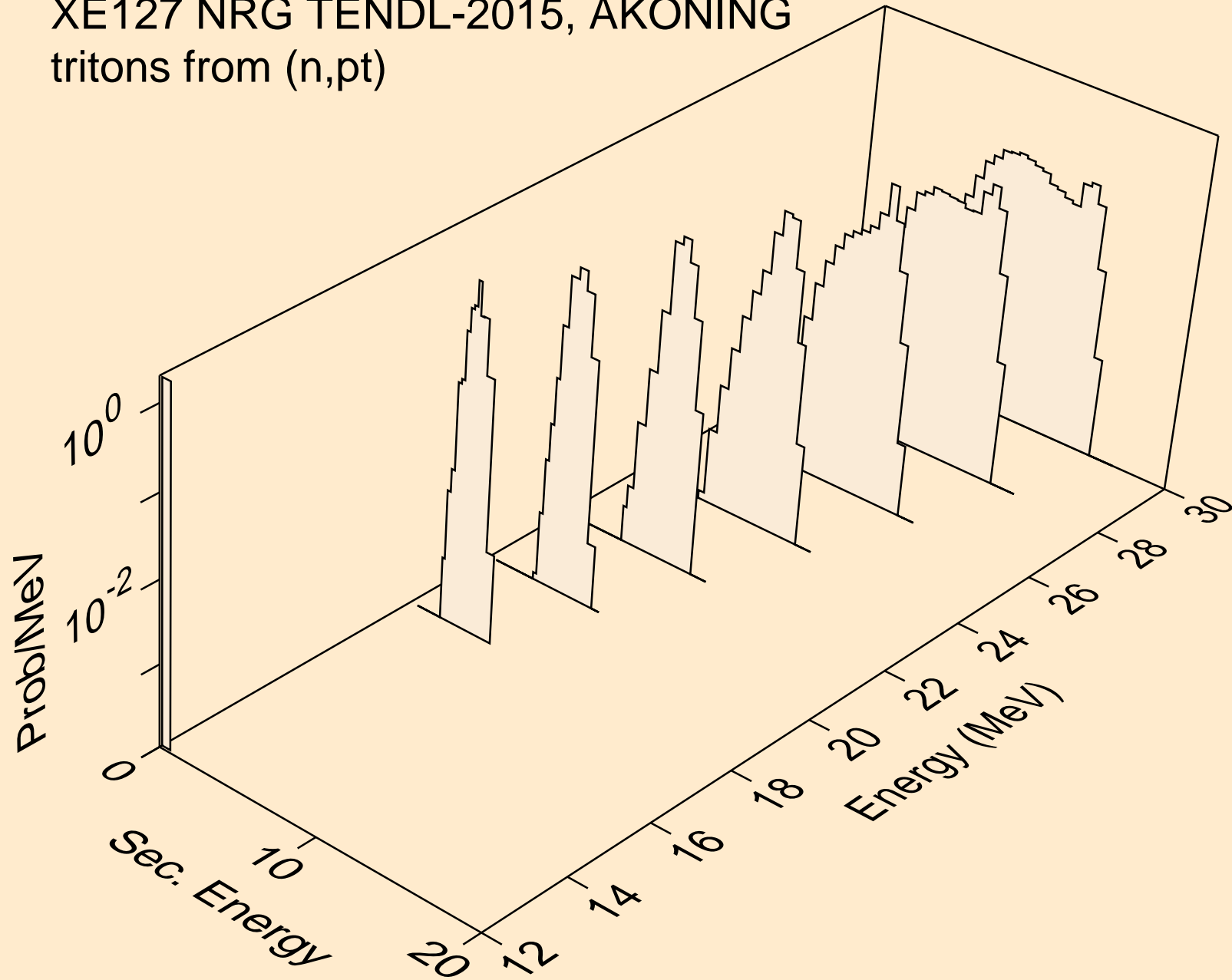
XE127 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



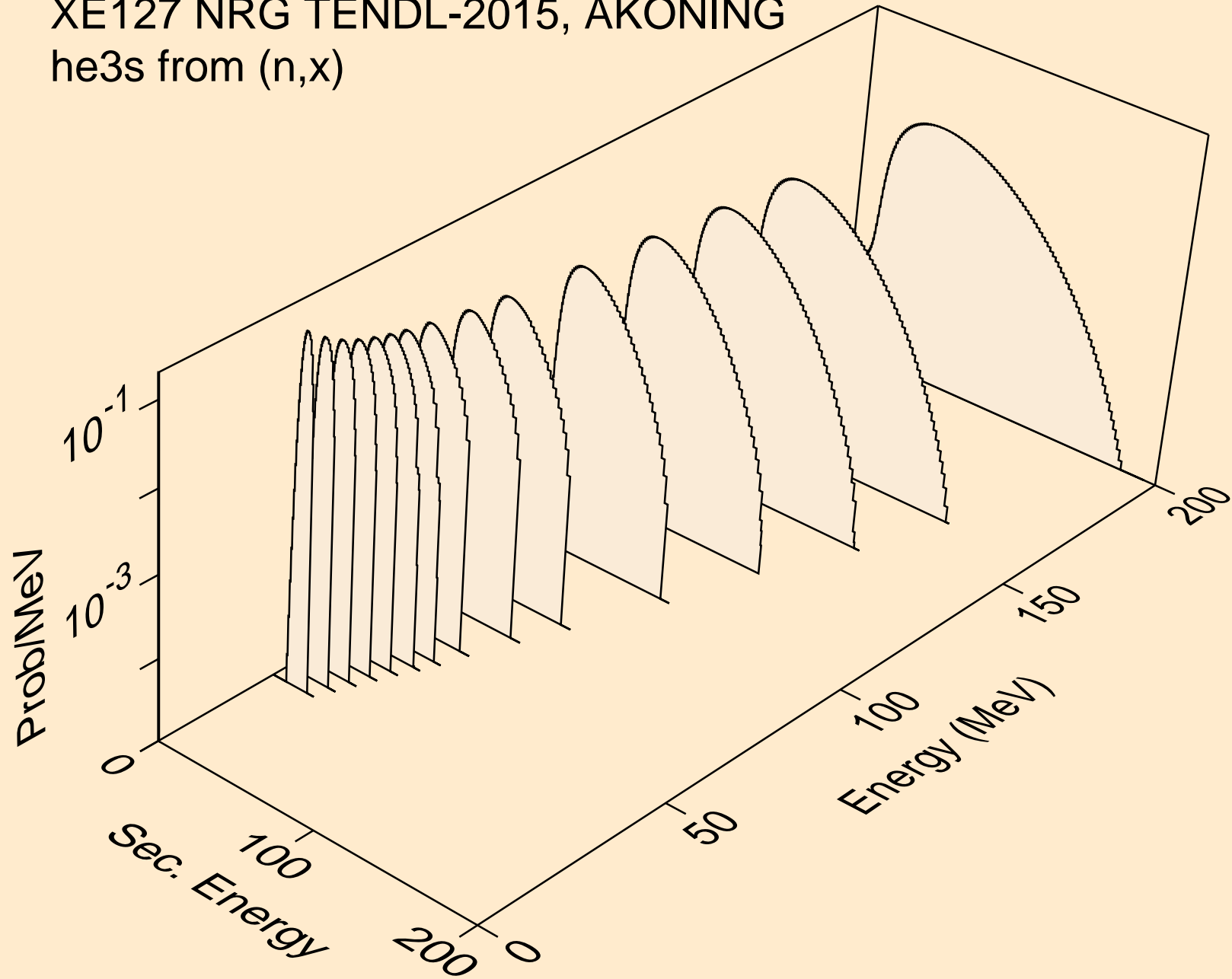
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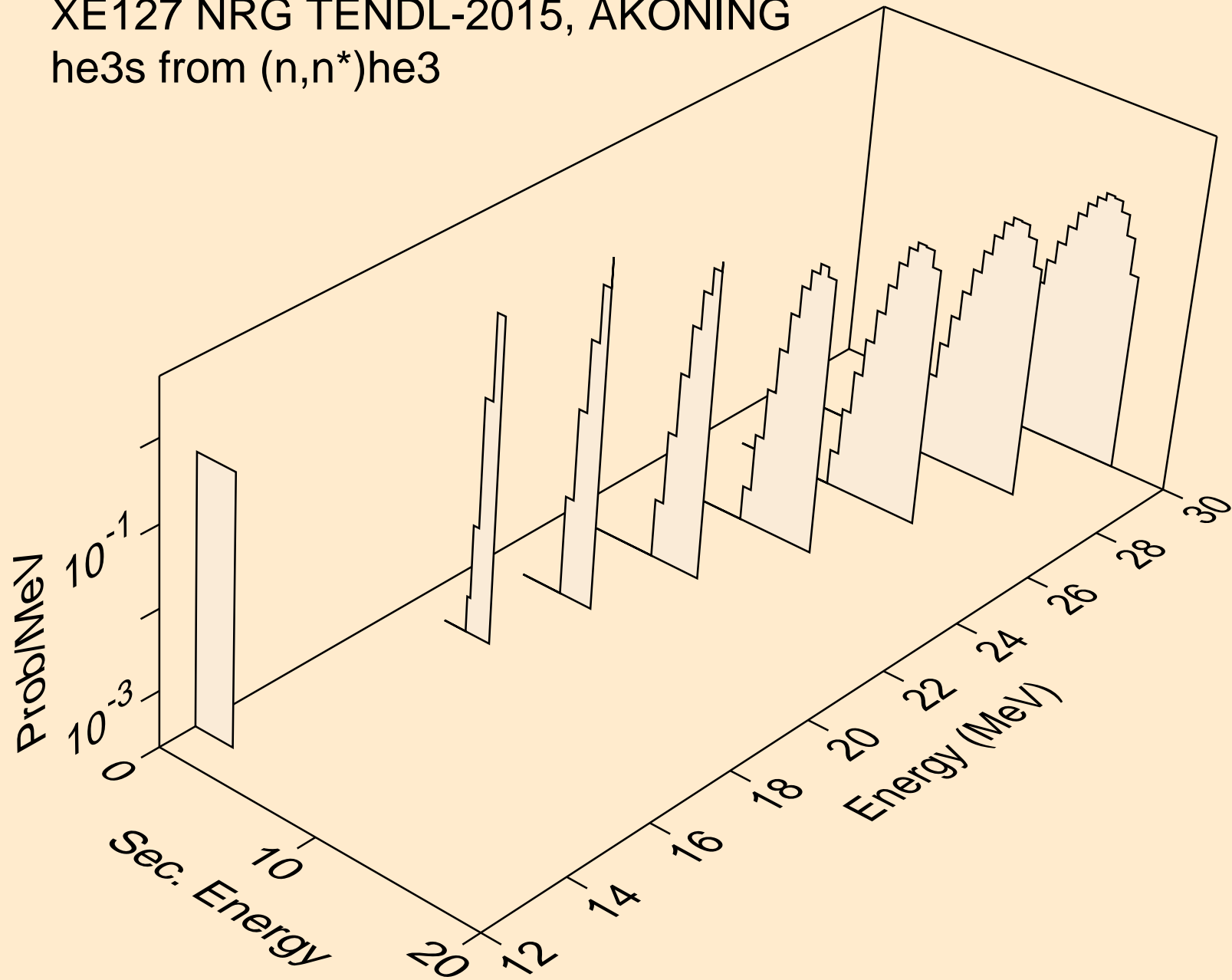
XE127 NRG TENDL-2015, AKONING  
tritons from (n,pt)



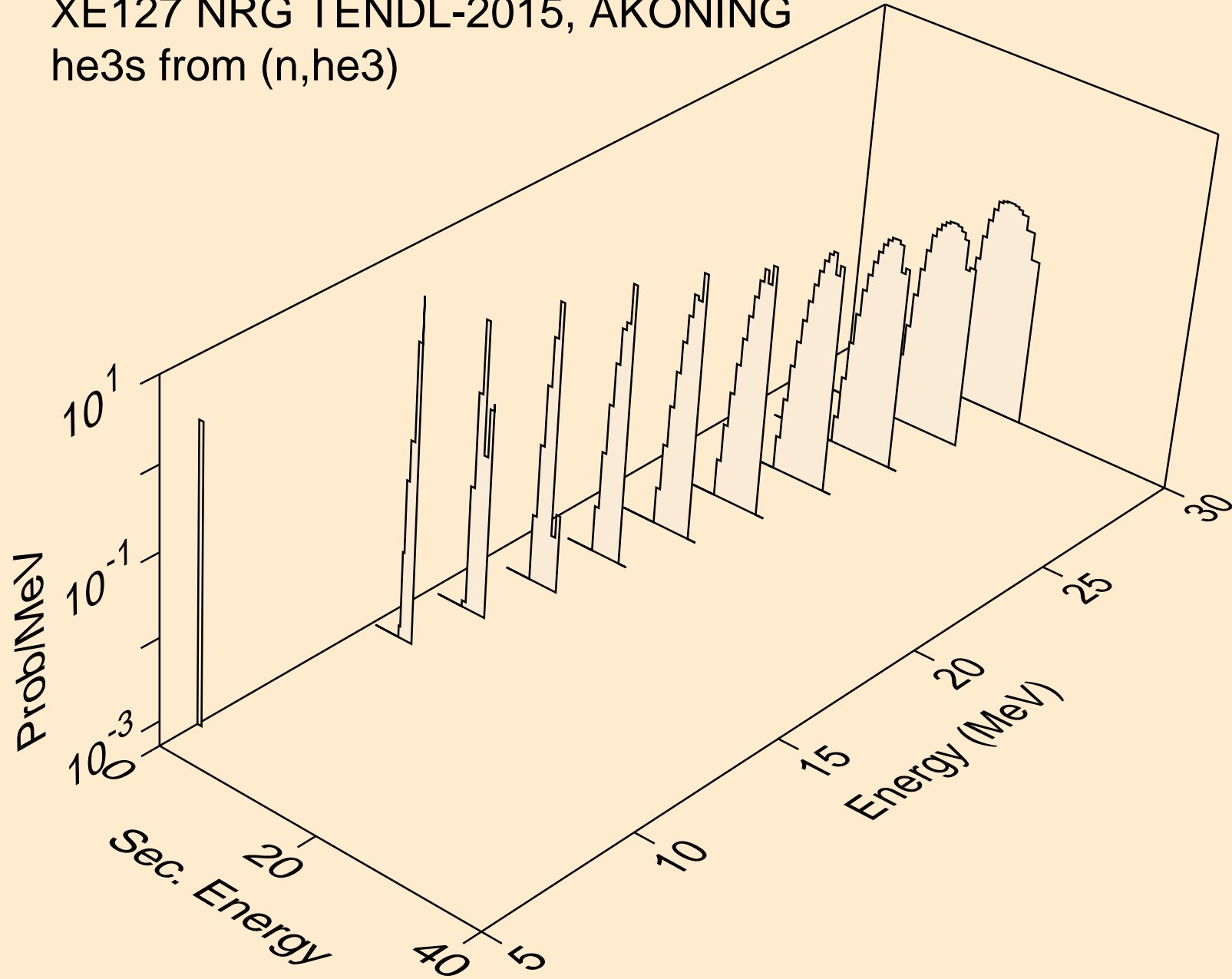
XE127 NRG TENDL-2015, AKONING  
he3s from (n,x)



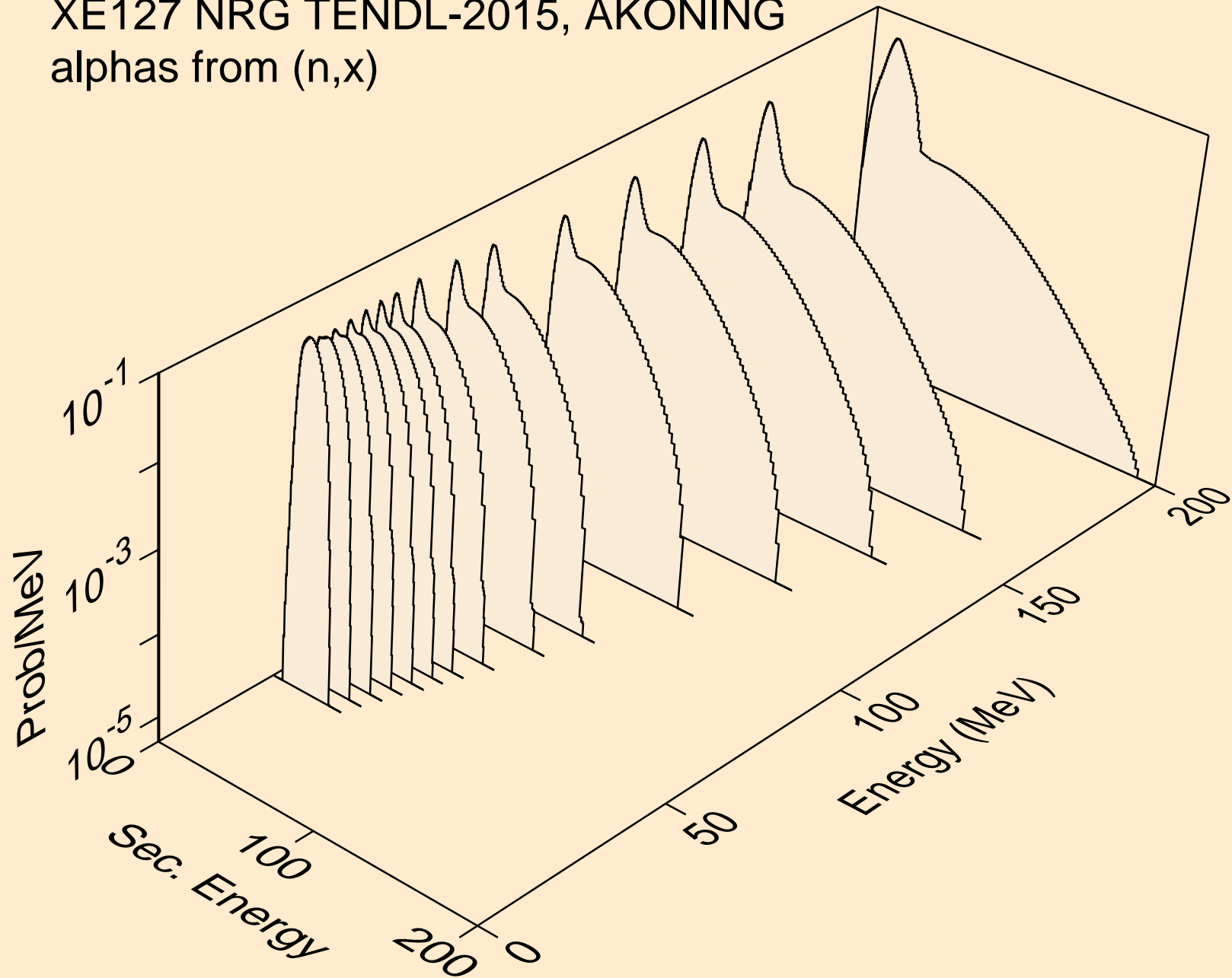
XE127 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



XE127 NRG TENDL-2015, AKONING  
he3s from (n,he3)

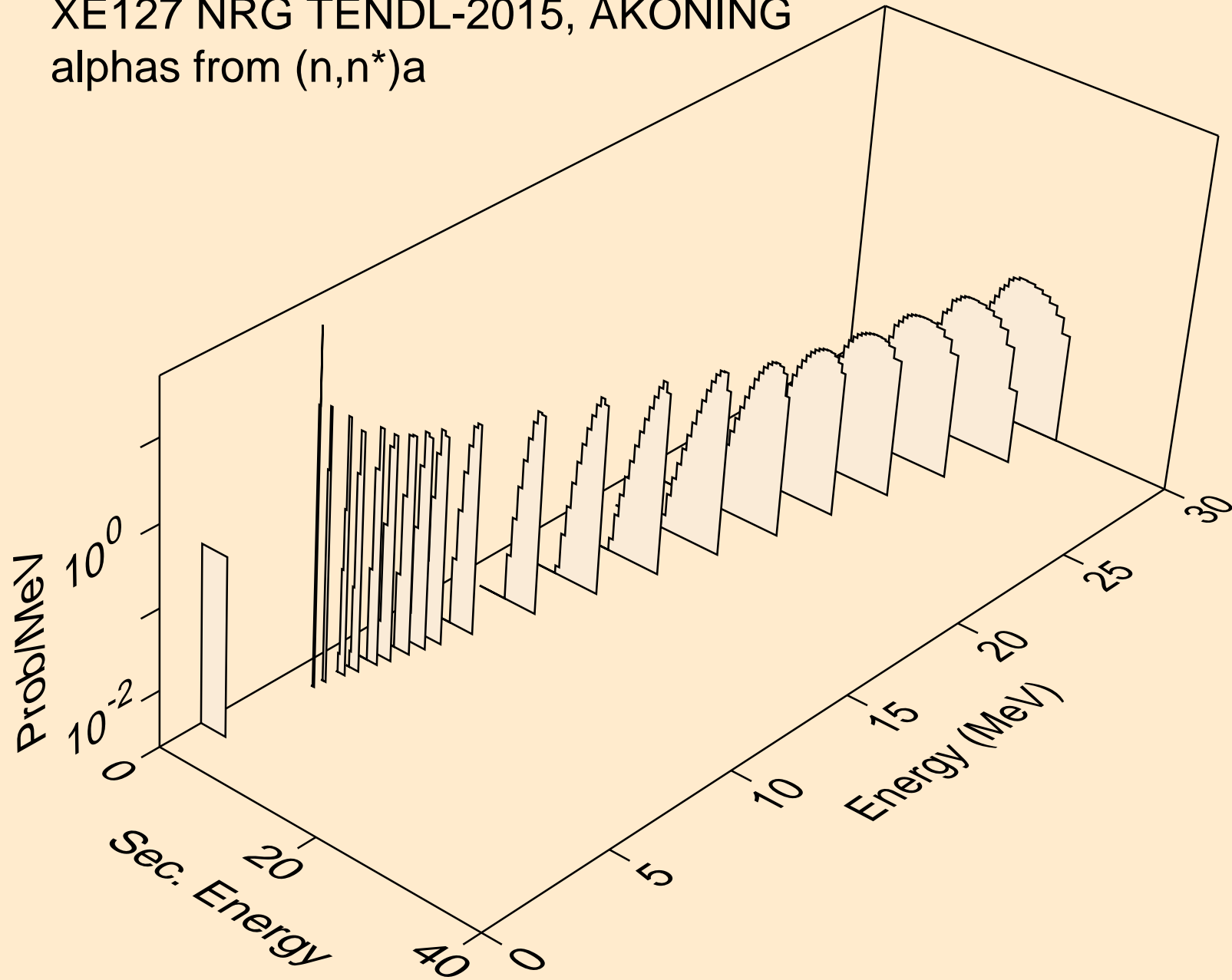


XE127 NRG TENDL-2015, AKONING  
alphas from (n,x)

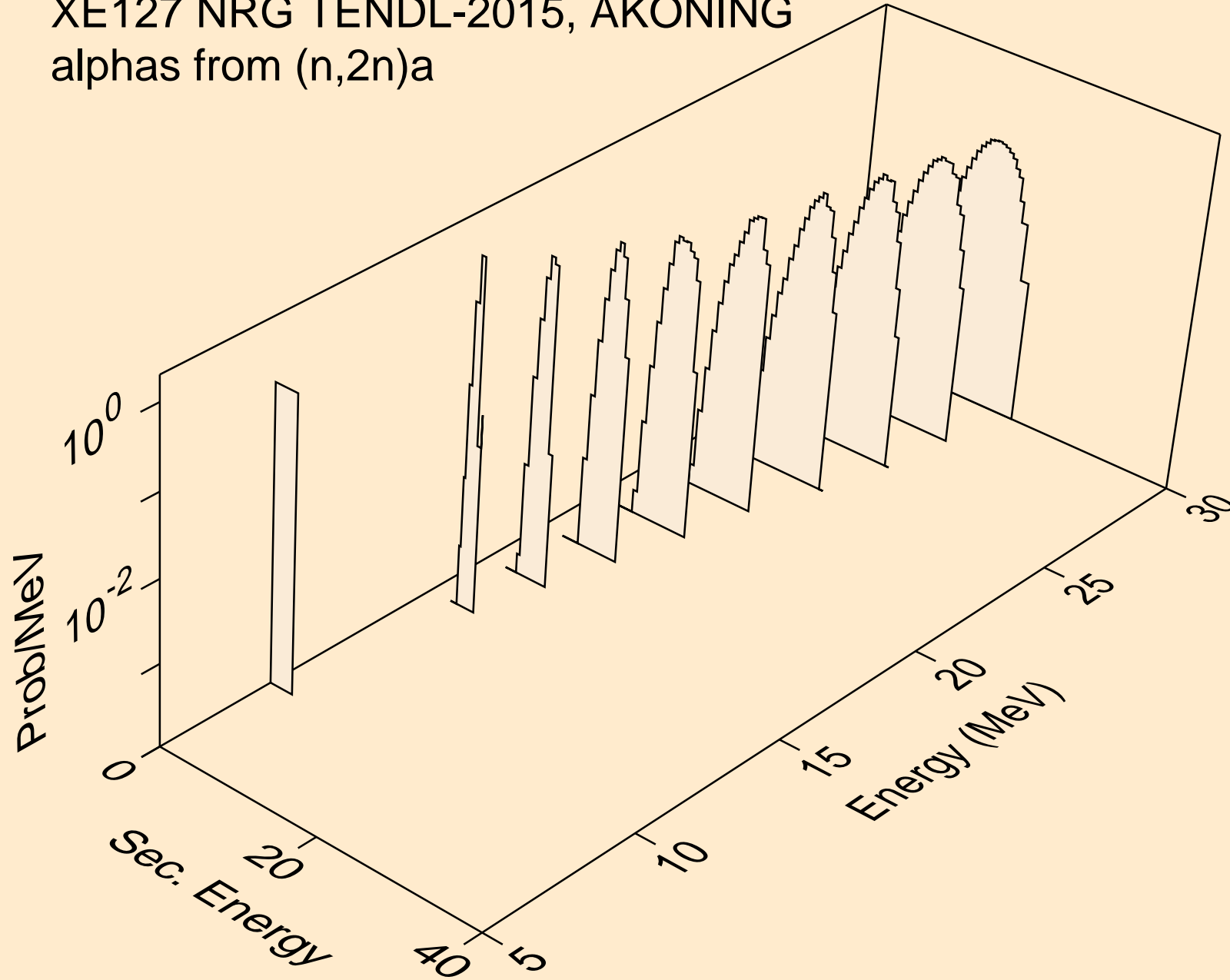




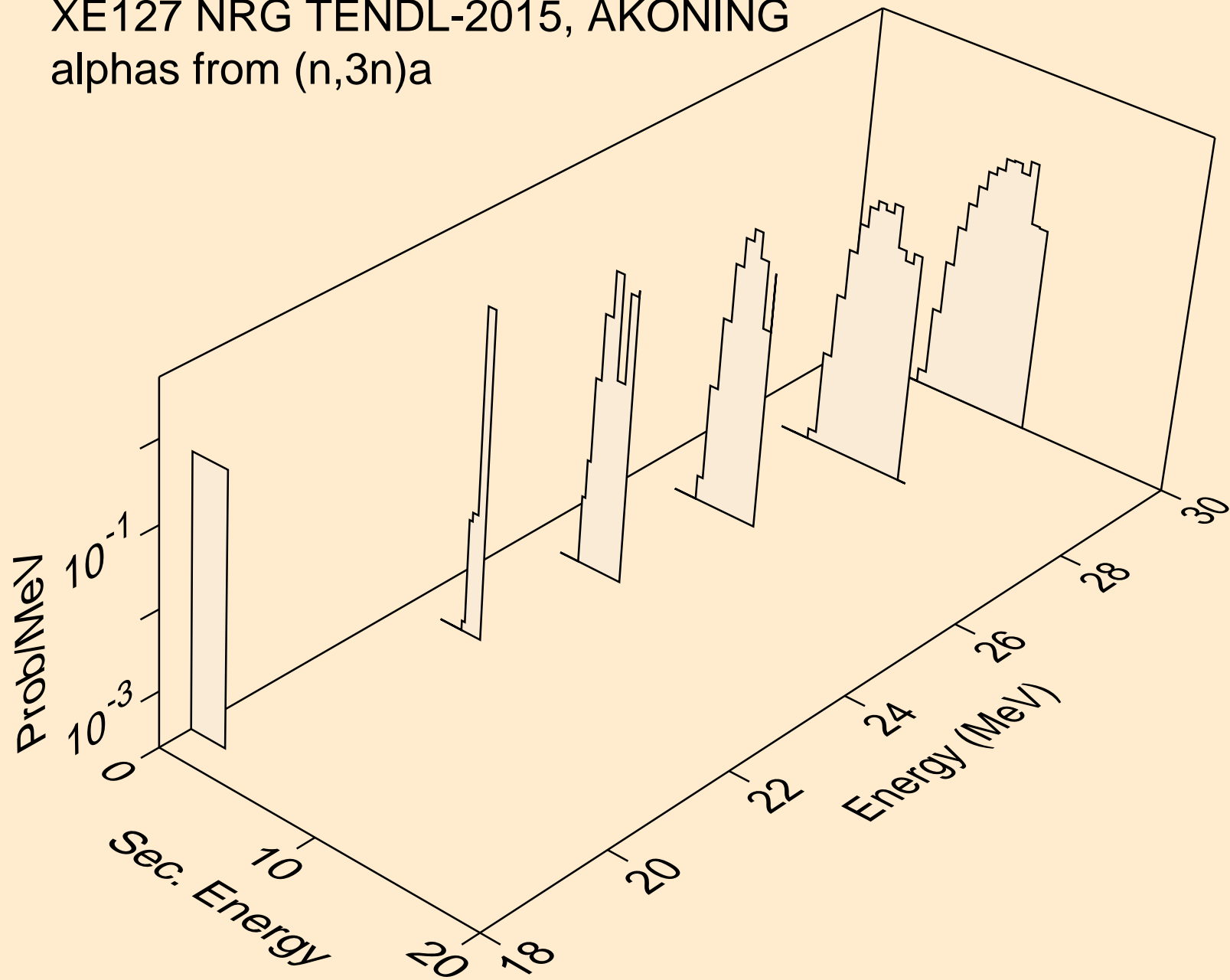
XE127 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



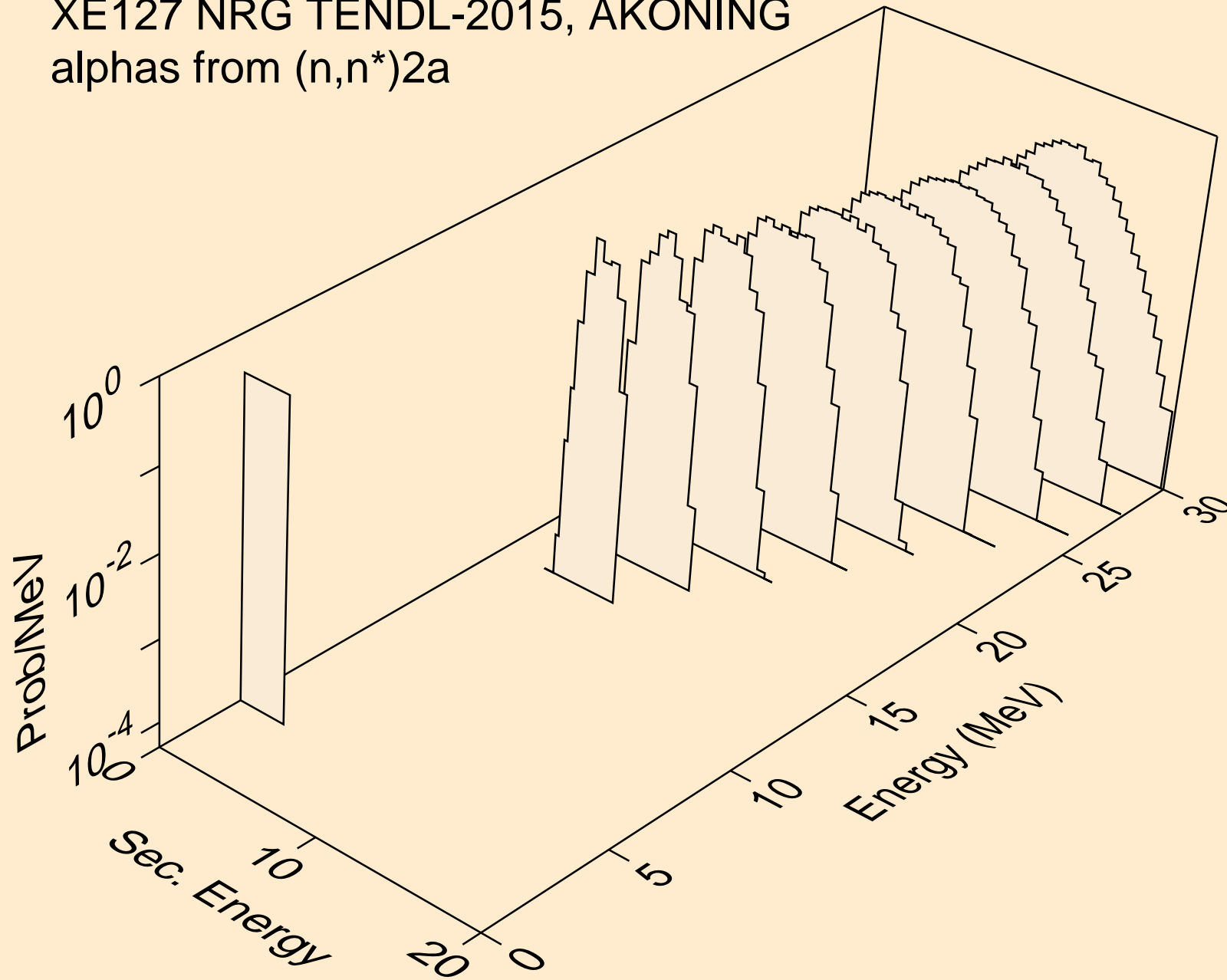
XE127 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



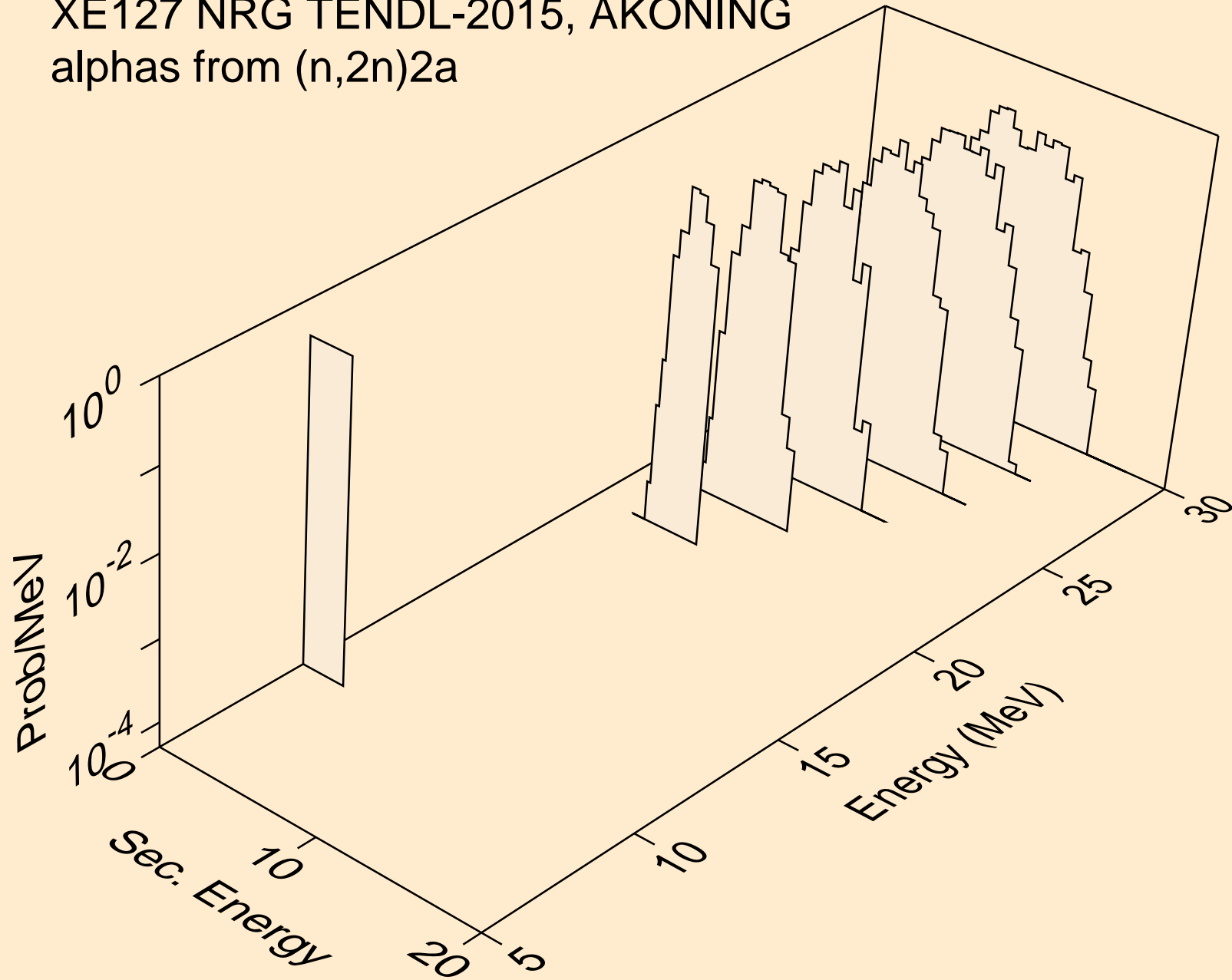
XE127 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



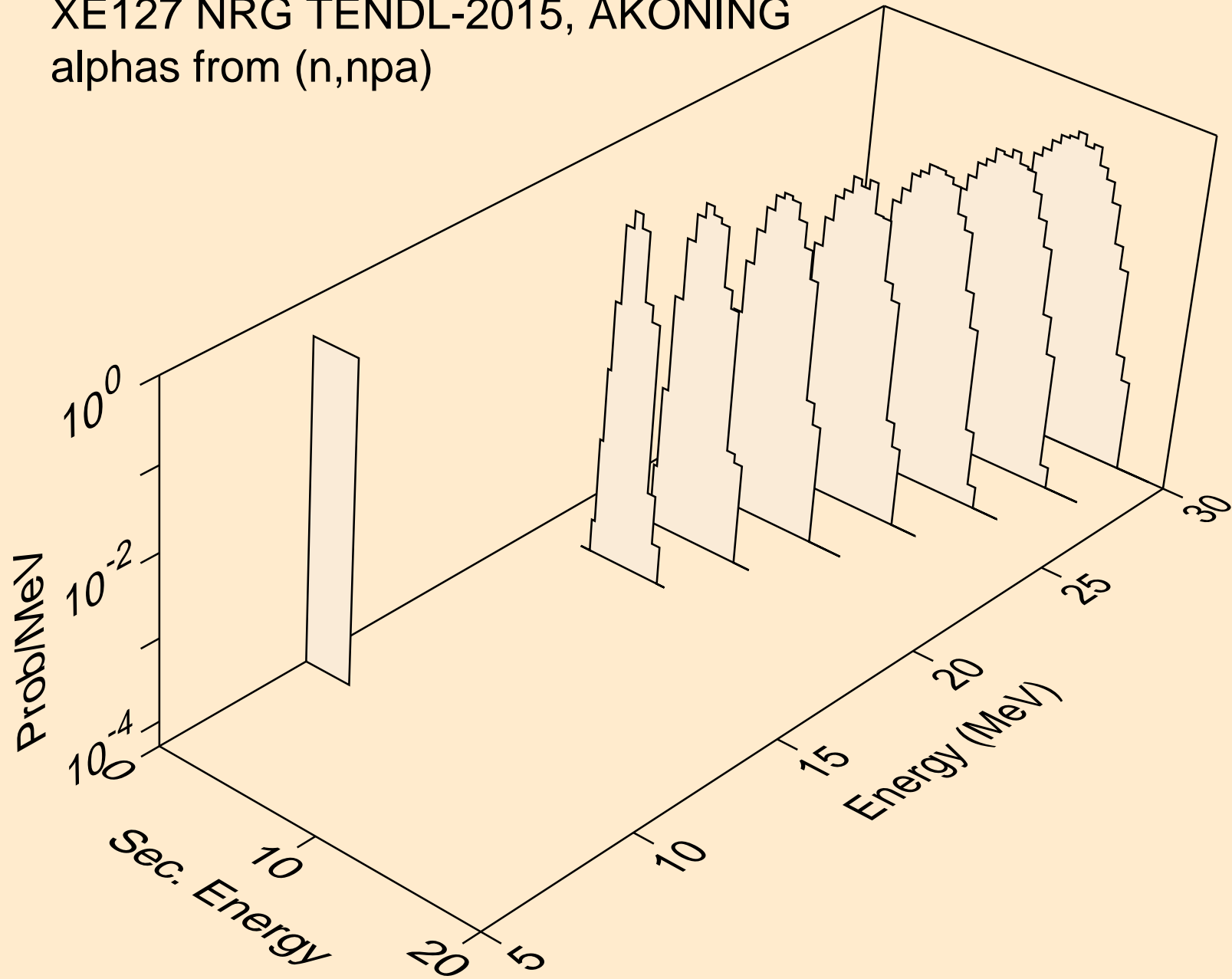
XE127 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



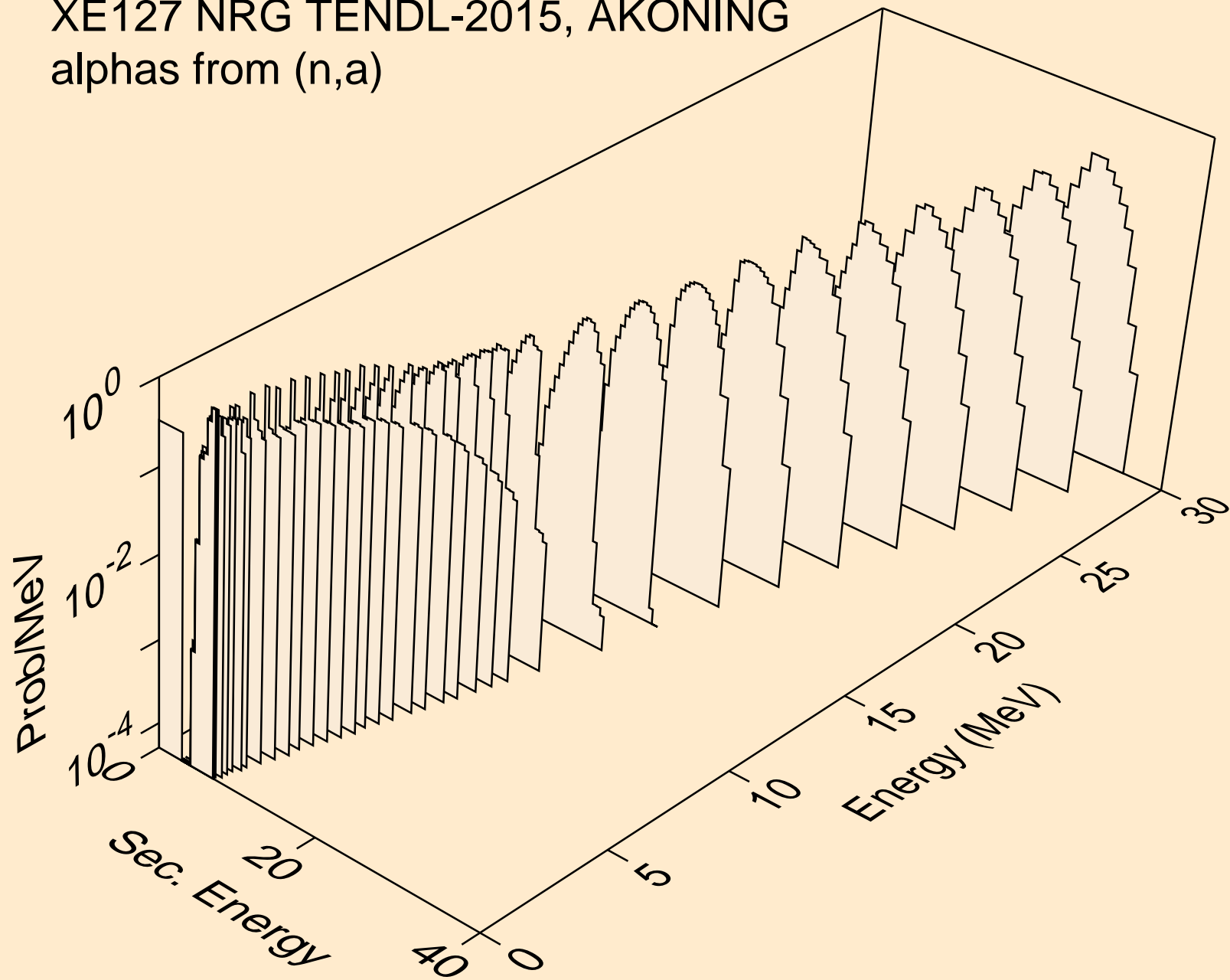
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alphas from (n,2n)2a



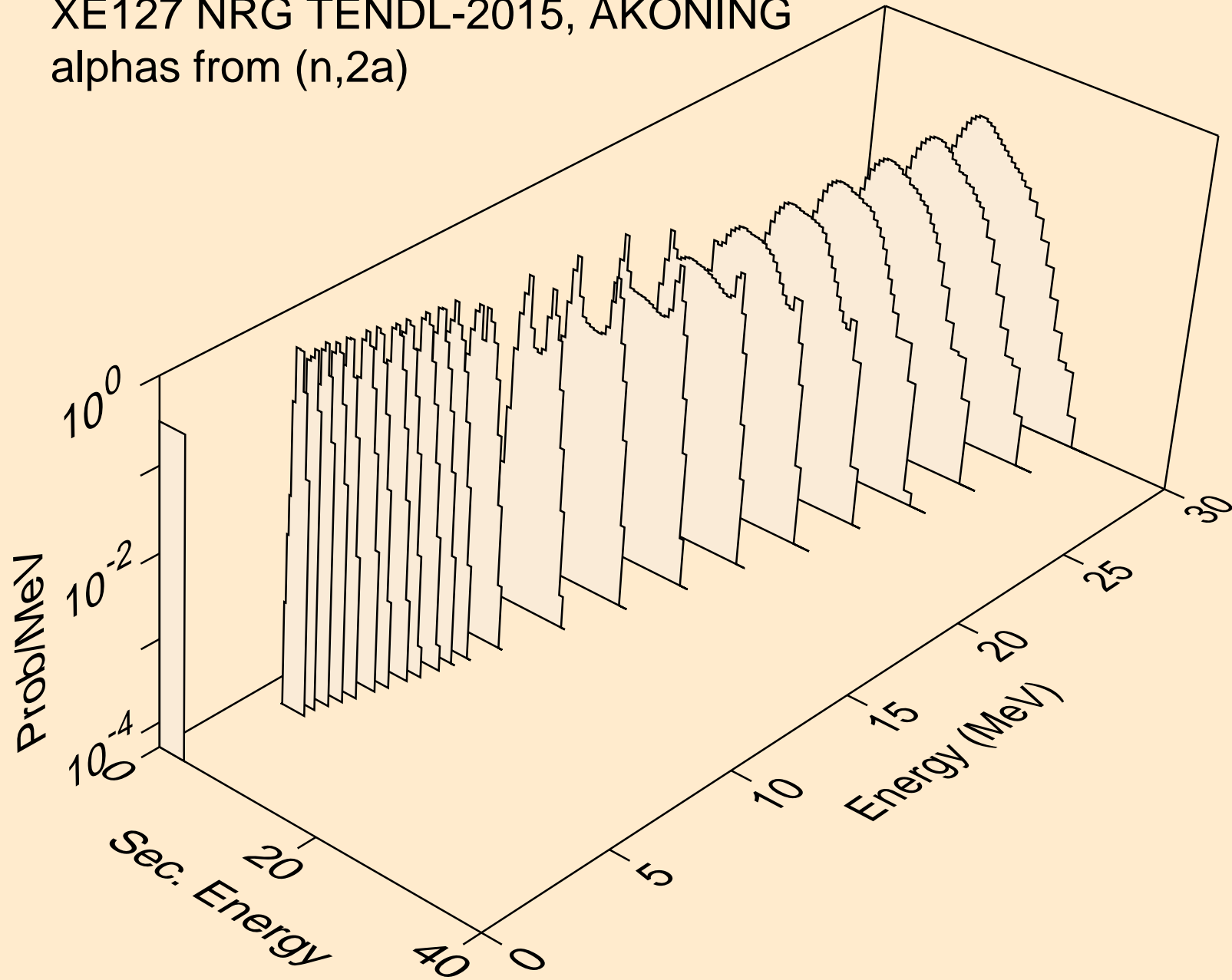
XE127 NRG TENDL-2015, AKONING  
alphas from (n,npa)



XE127 NRG TENDL-2015, AKONING  
alphas from (n,a)

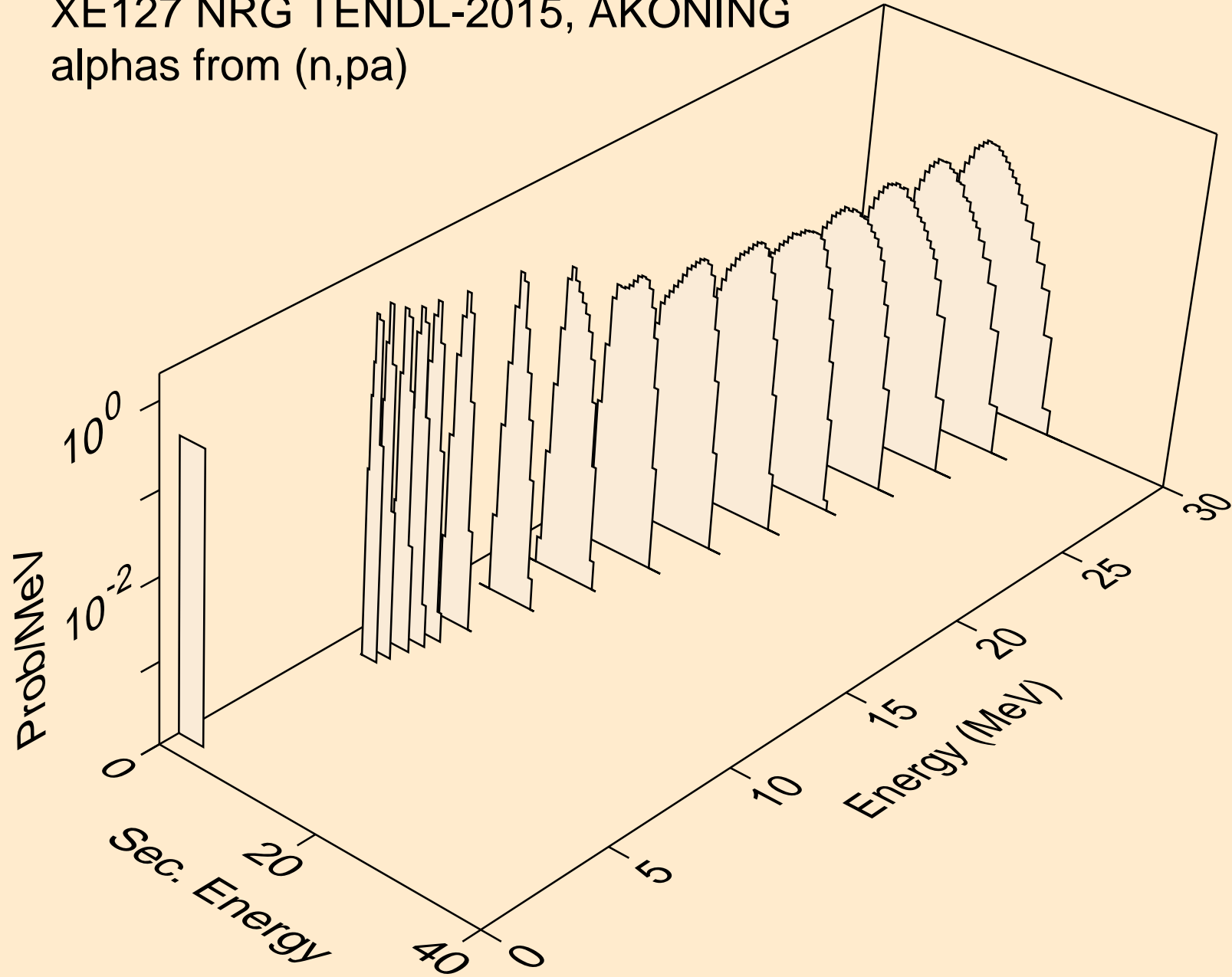


XE127 NRG TENDL-2015, AKONING  
alphas from (n,2a)





XE127 NRG TENDL-2015, AKONING  
alphas from (n,pa)



XE127 NRG TENDL-2015, AKONING  
alphas from (n,da)

