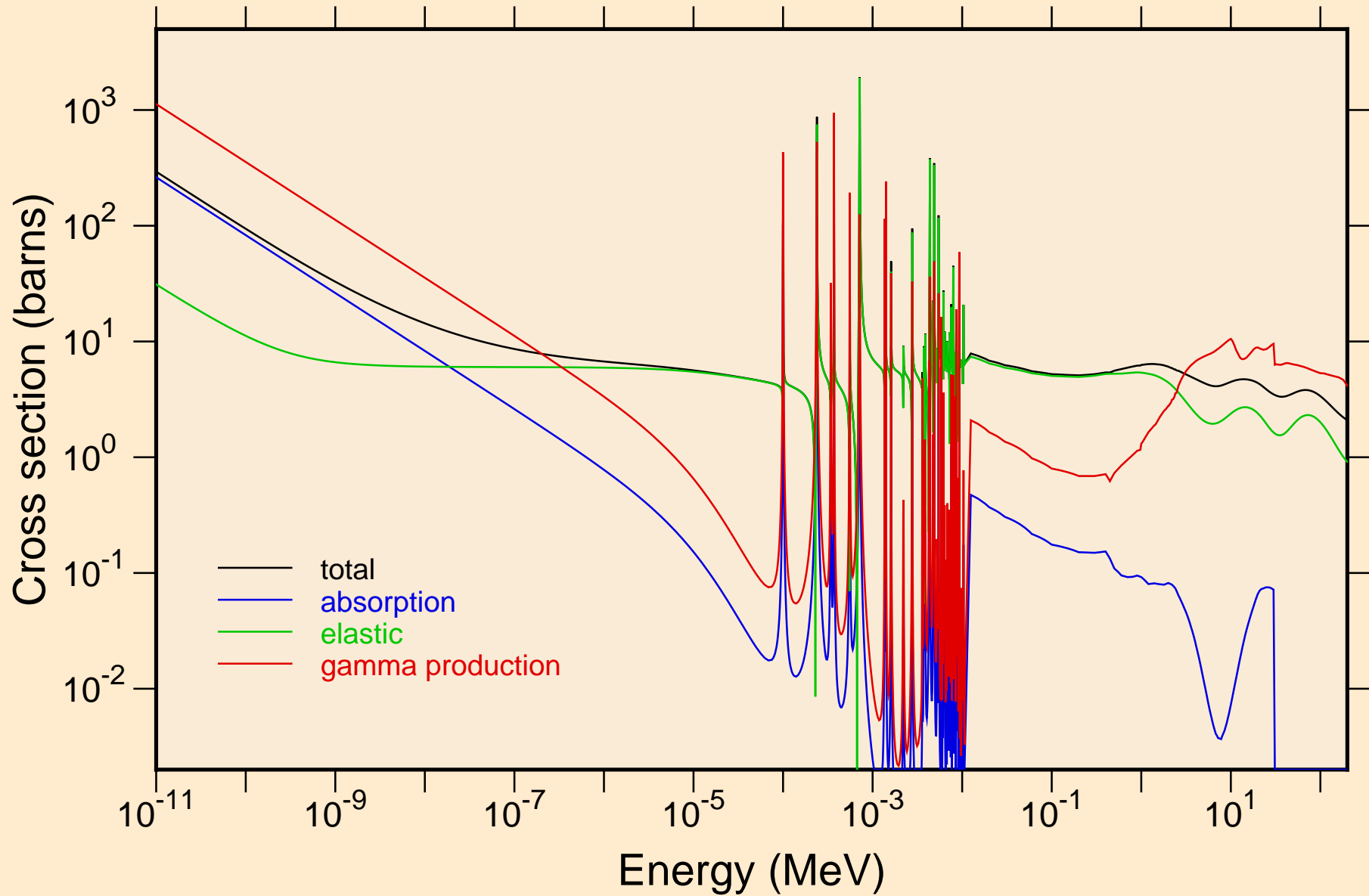
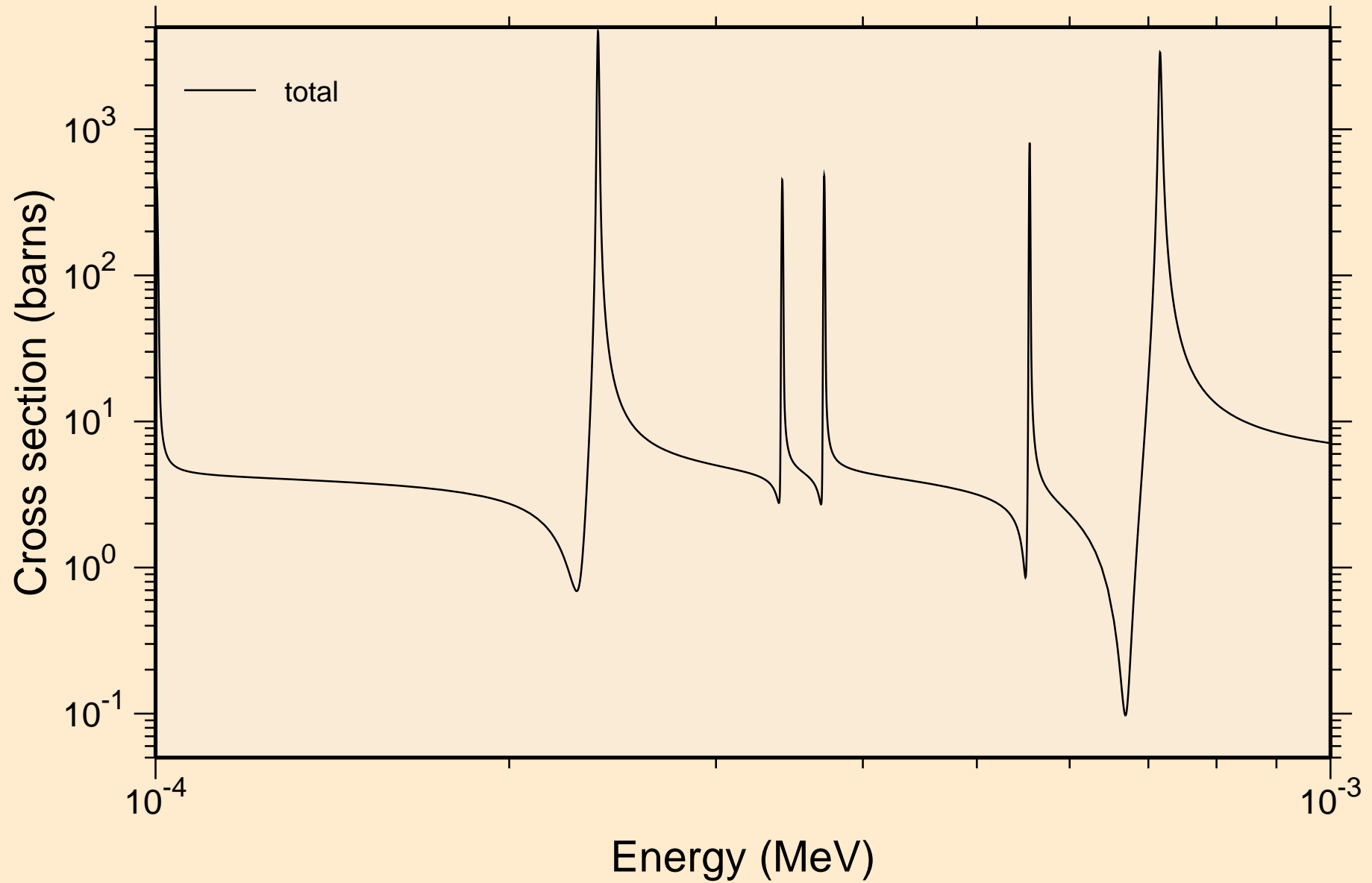


# XE128 NRG TENDL-2015, AKONING

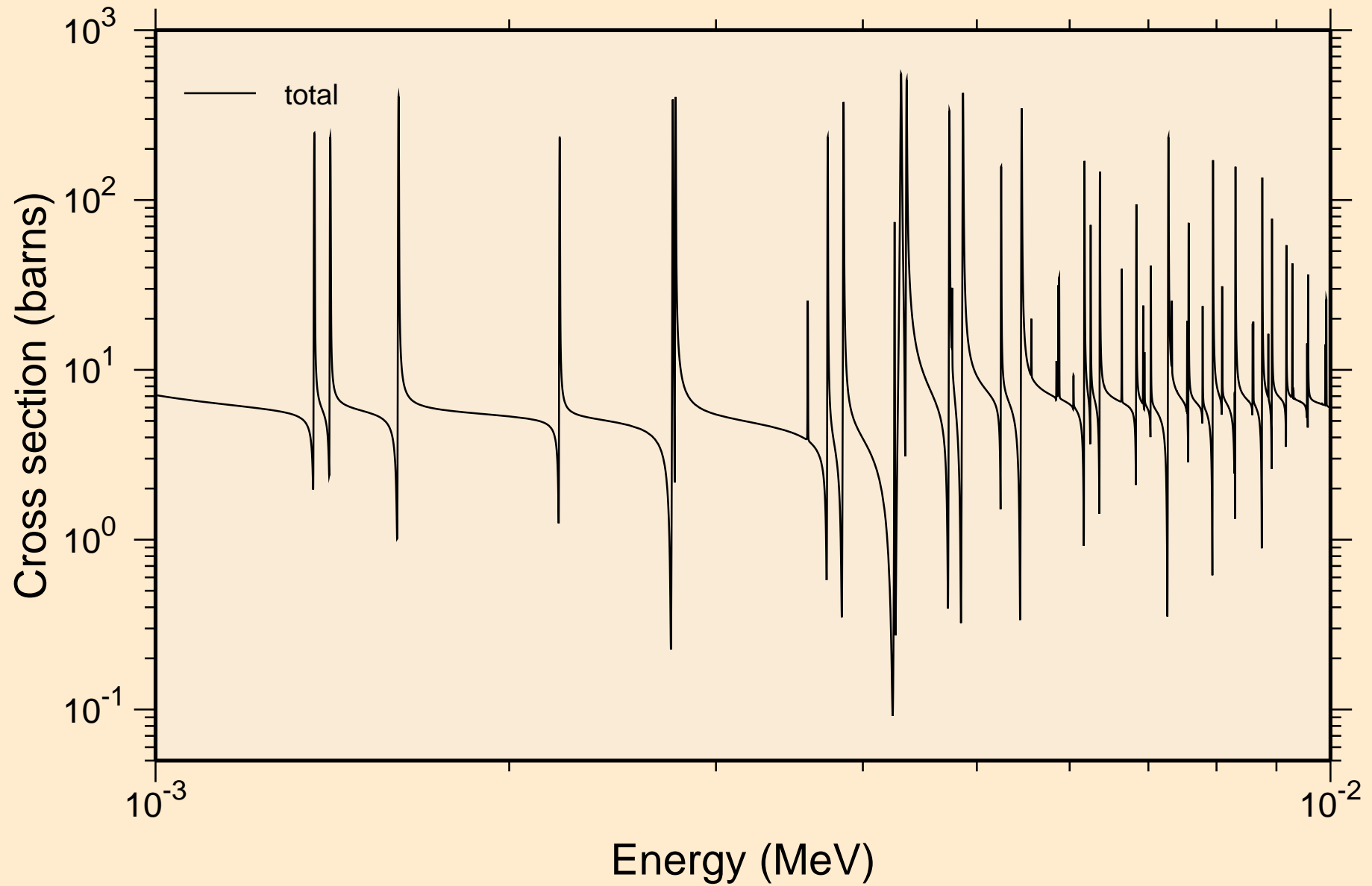
## Principal cross sections



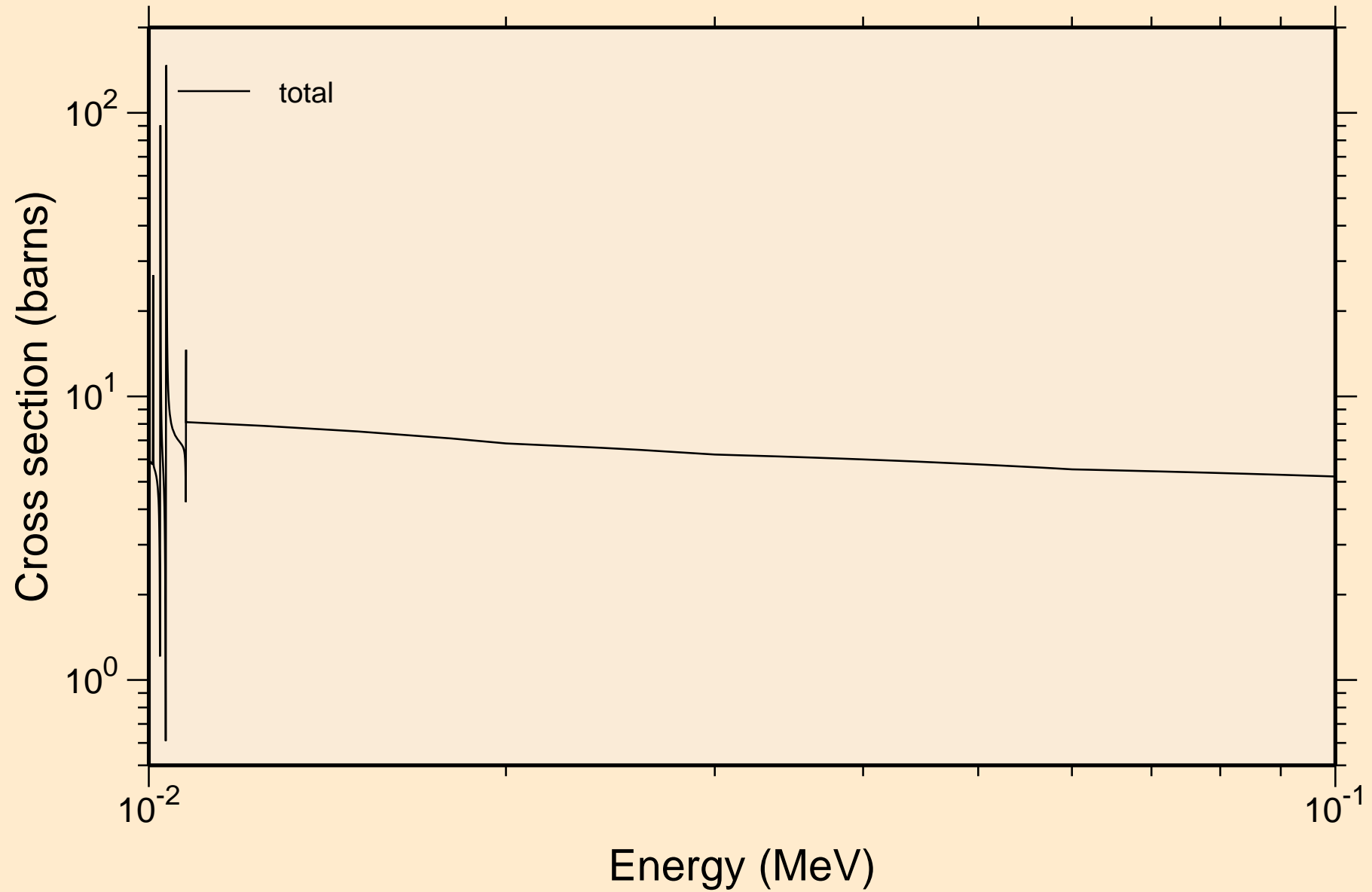
XE128 NRG TENDL-2015, AKONING  
resonance total cross section



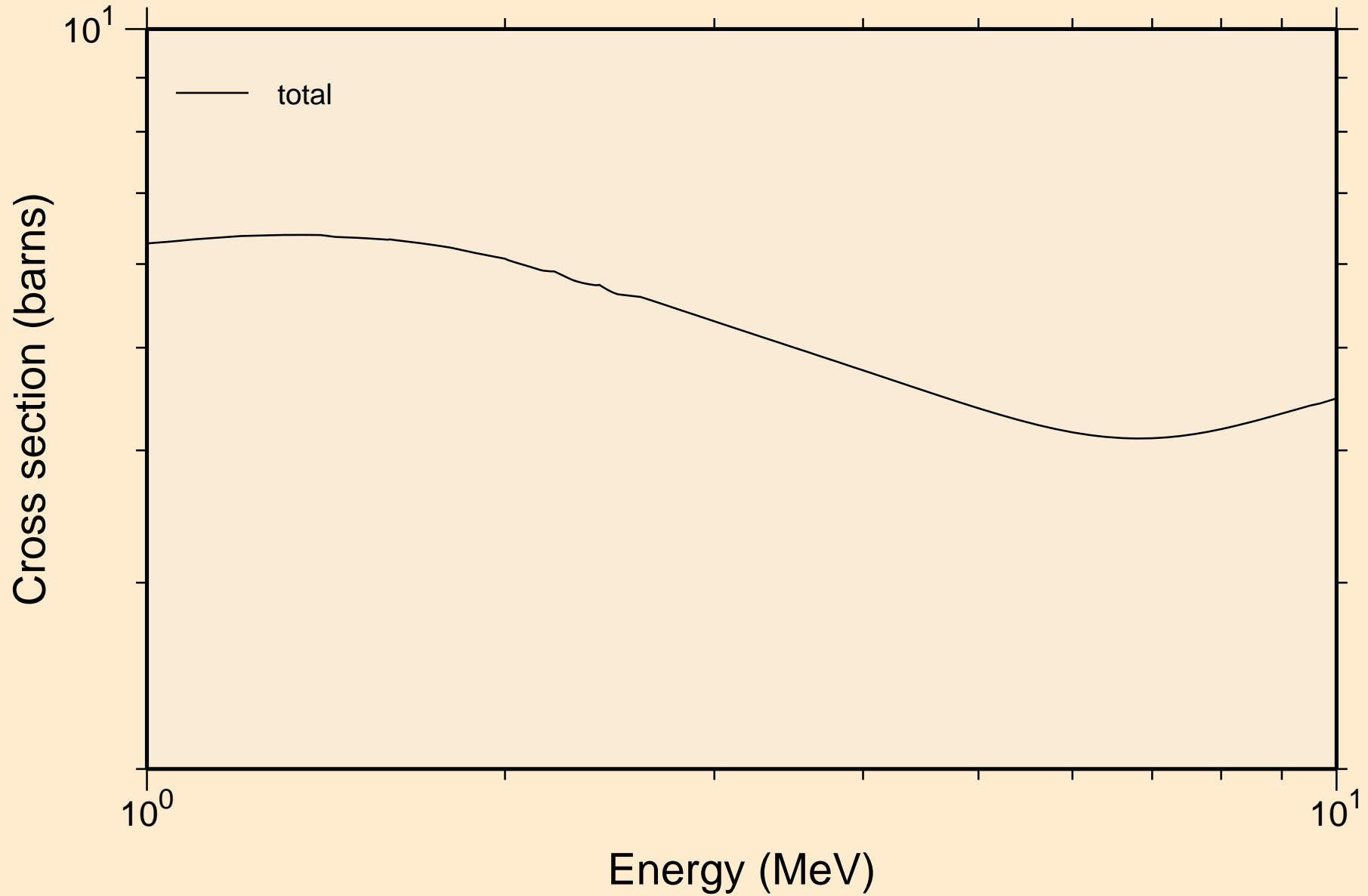
XE128 NRG TENDL-2015, AKONING  
resonance total cross section



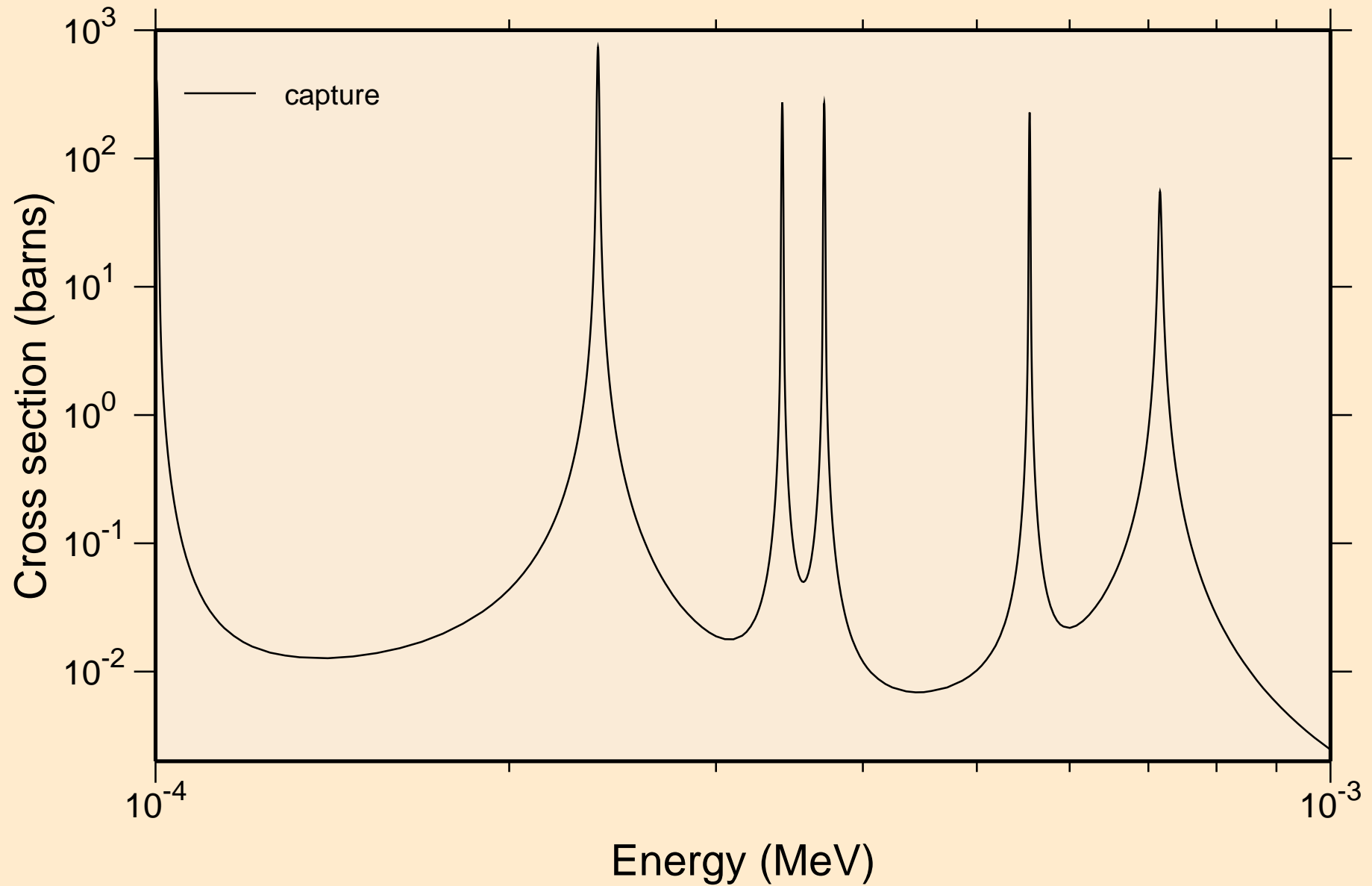
XE128 NRG TENDL-2015, AKONING  
resonance total cross section



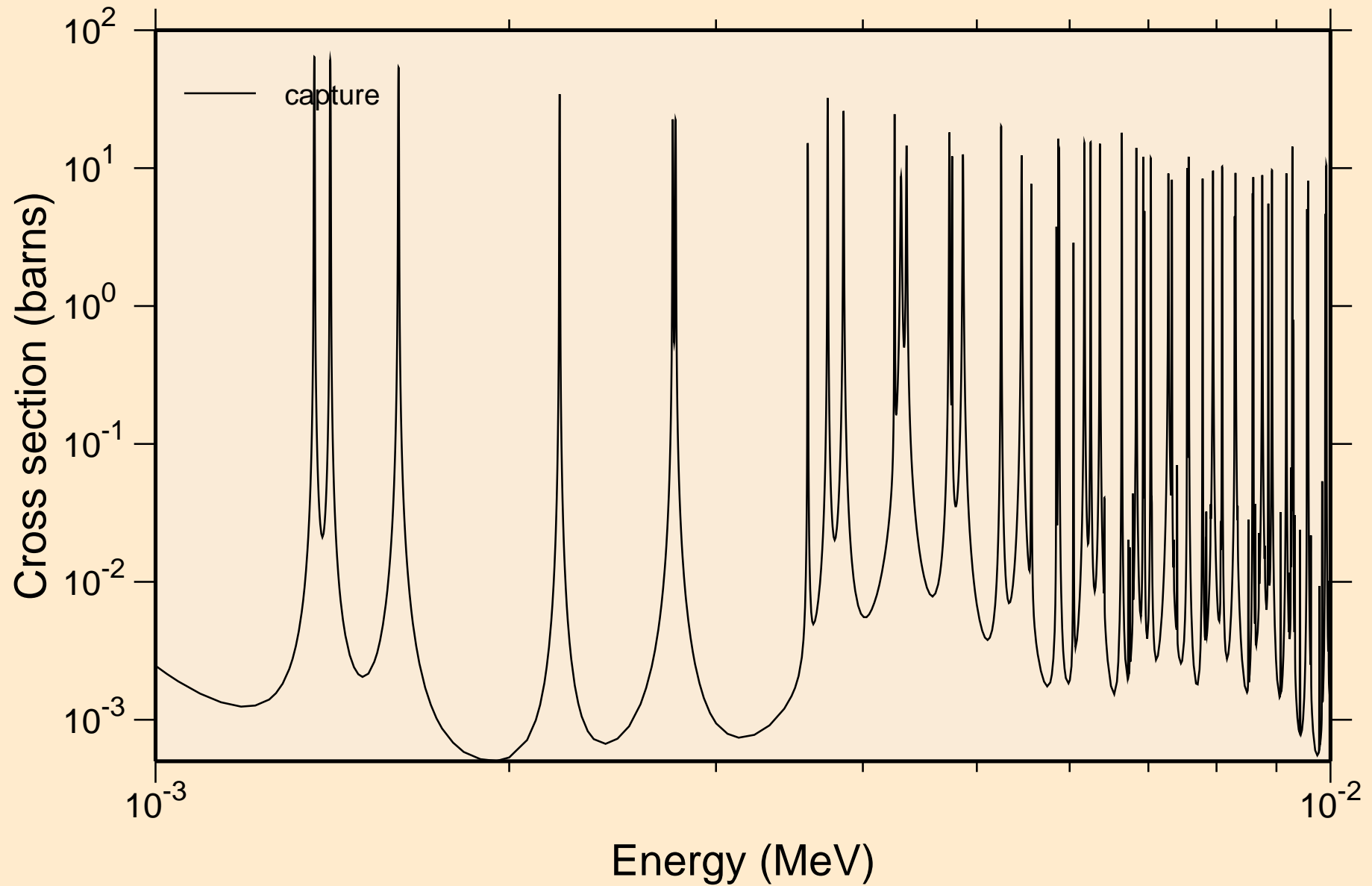
XE128 NRG TENDL-2015, AKONING  
resonance total cross section



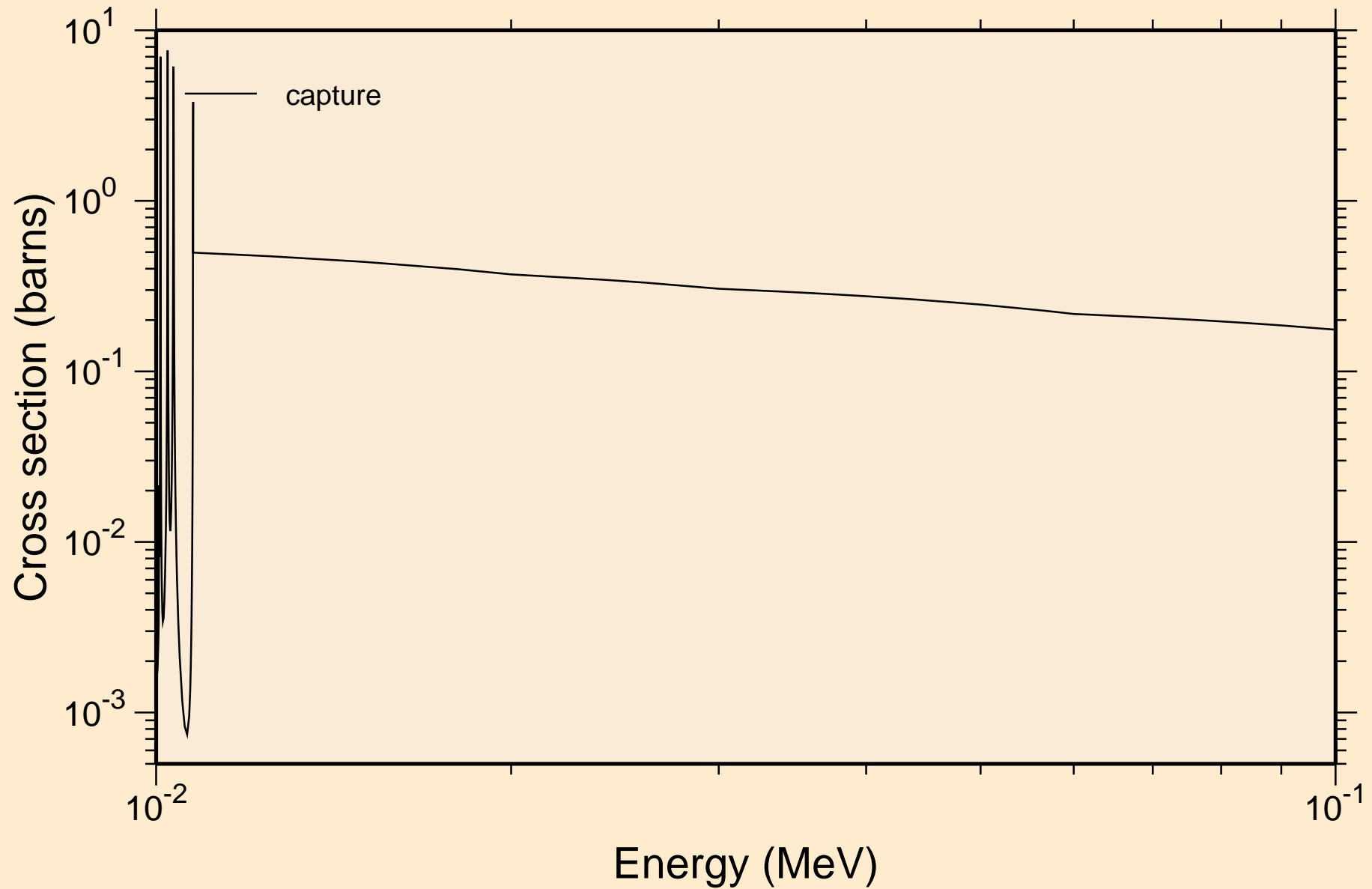
XE128 NRG TENDL-2015, AKONING  
resonance absorption cross sections



XE128 NRG TENDL-2015, AKONING  
resonance absorption cross sections

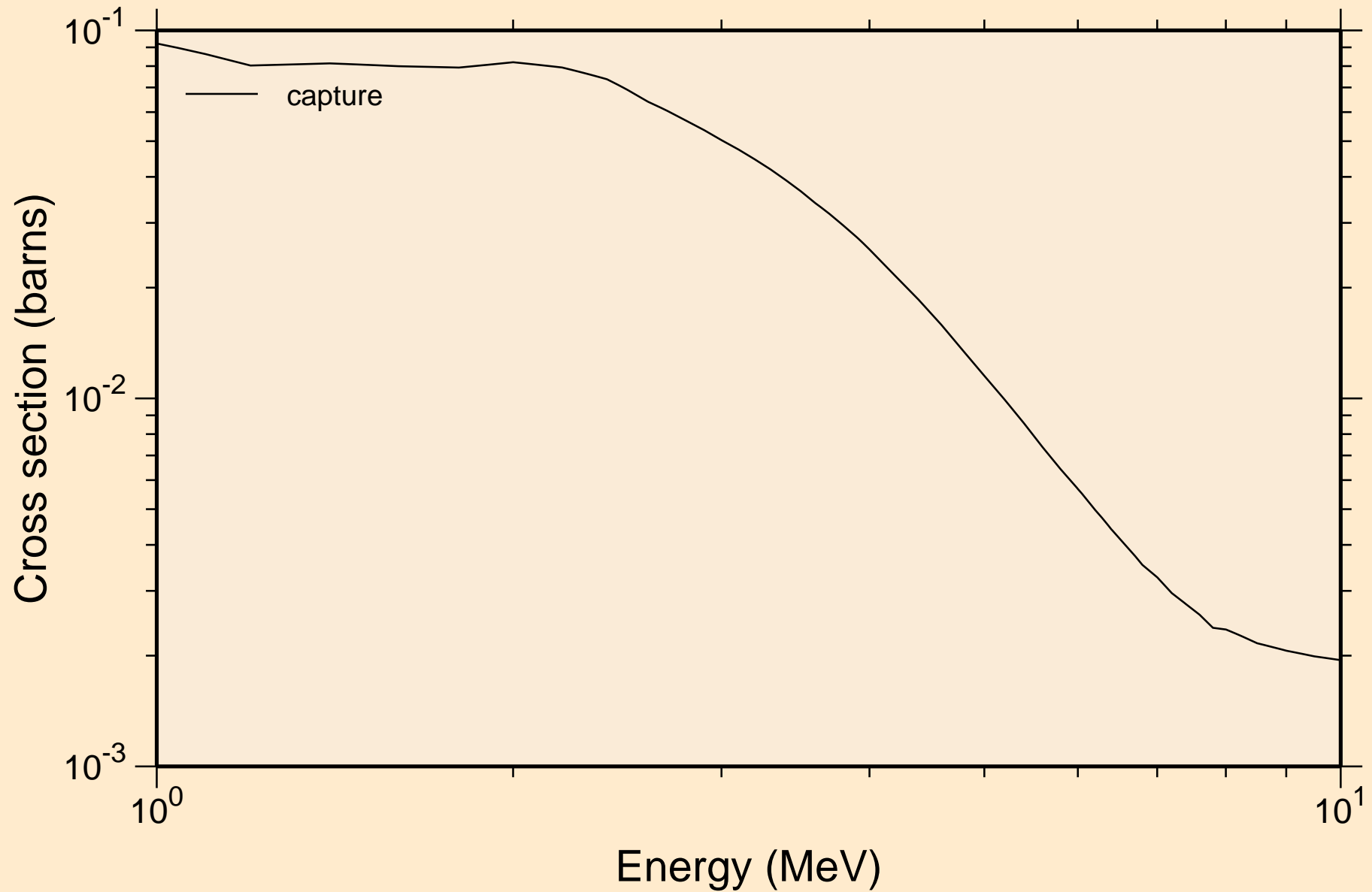


# XE128 NRG TENDL-2015, AKONING resonance absorption cross sections



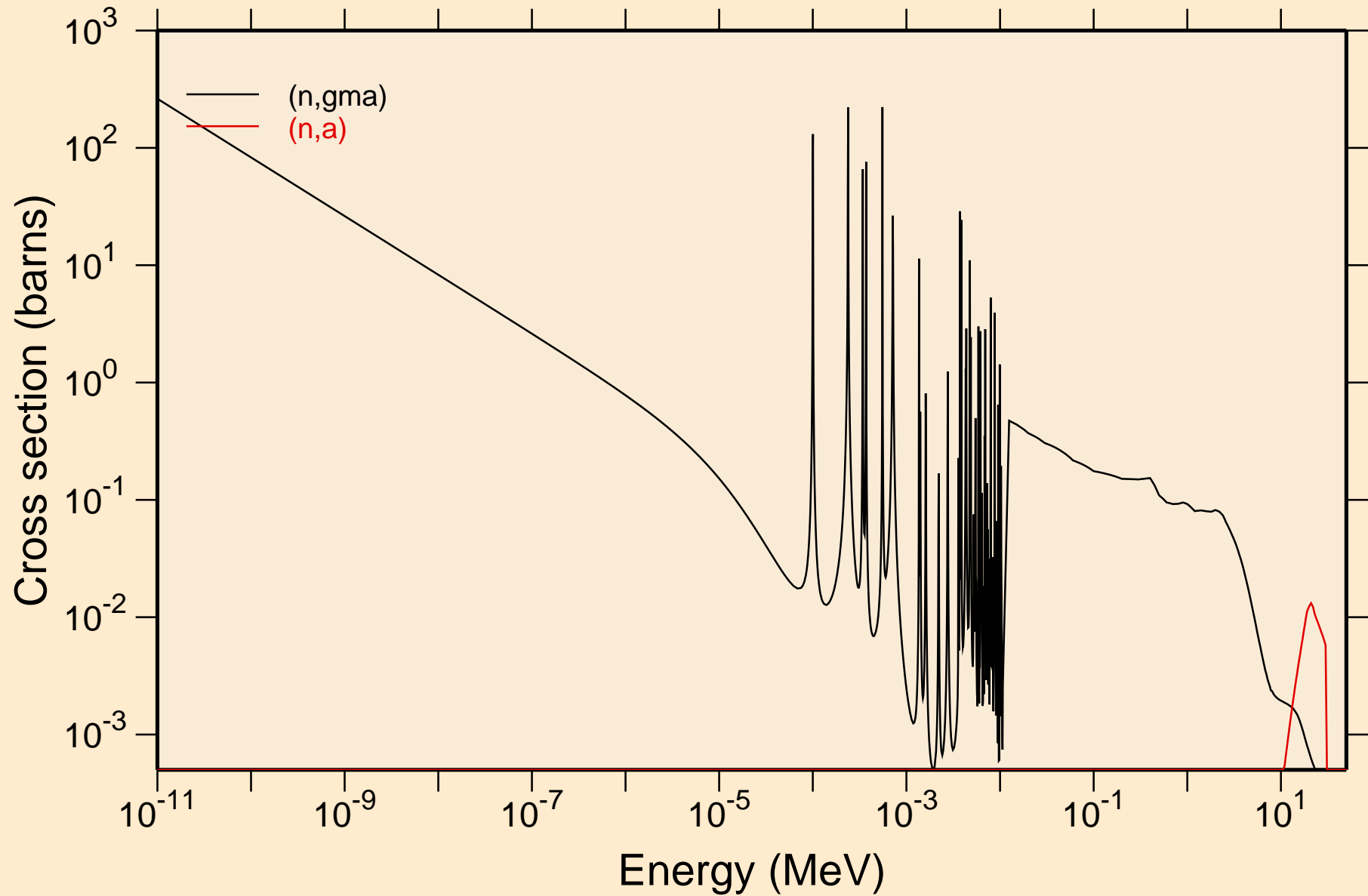


XE128 NRG TENDL-2015, AKONING  
resonance absorption cross sections



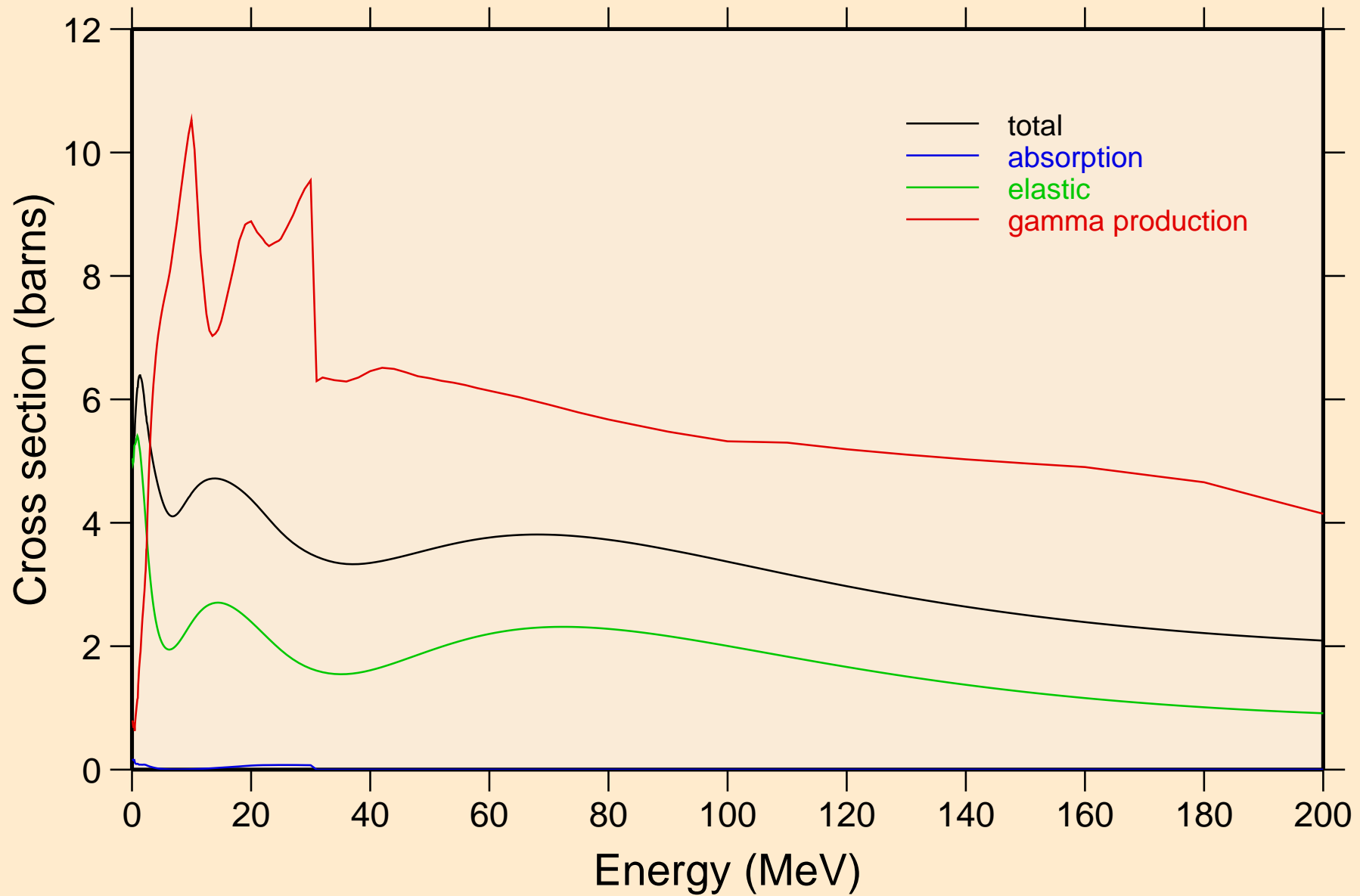
# XE128 NRG TENDL-2015, AKONING

## Non-threshold reactions

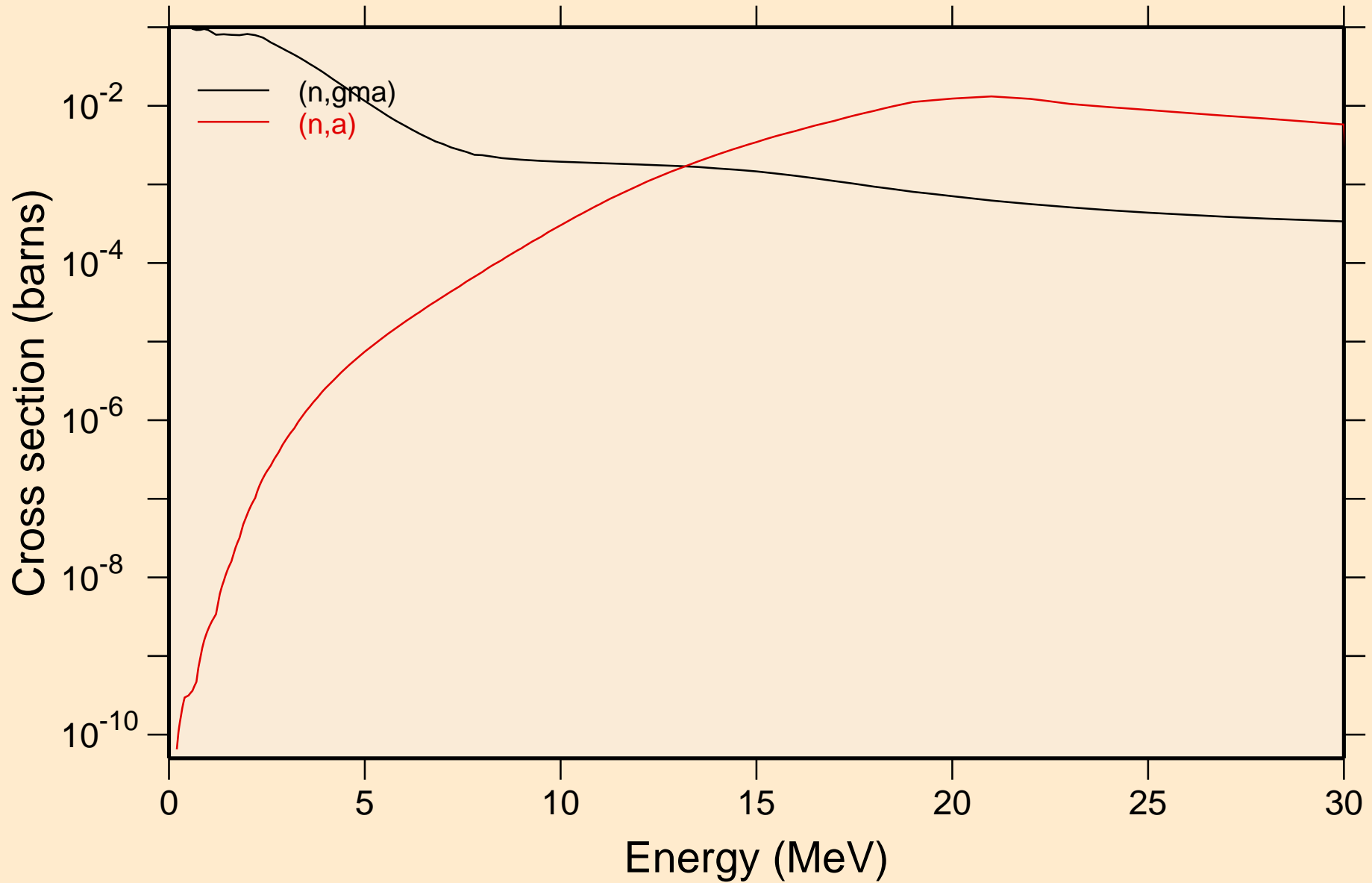


# XE128 NRG TENDL-2015, AKONING

## Principal cross sections

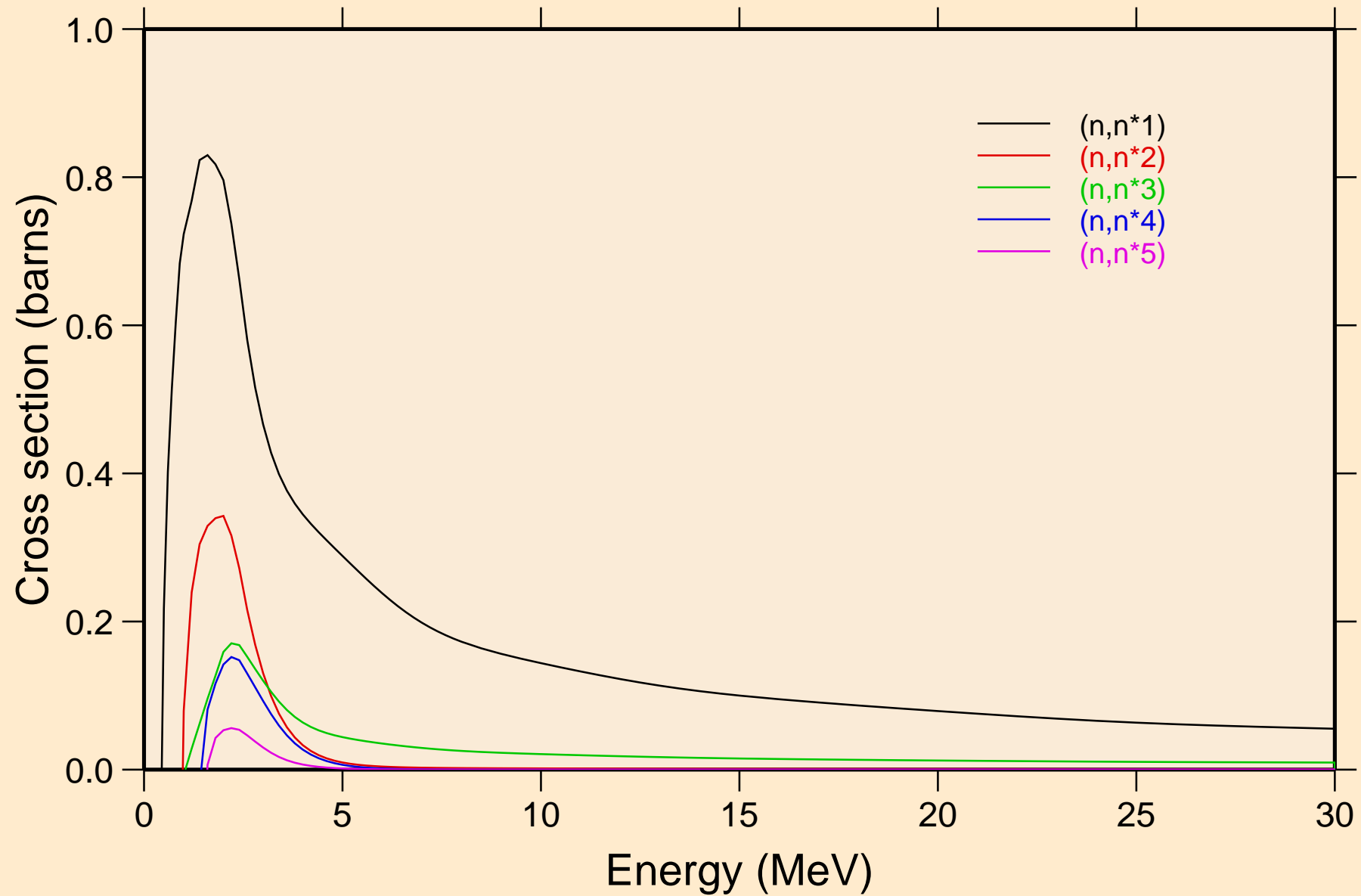


XE128 NRG TENDL-2015, AKONING  
Non-threshold reactions



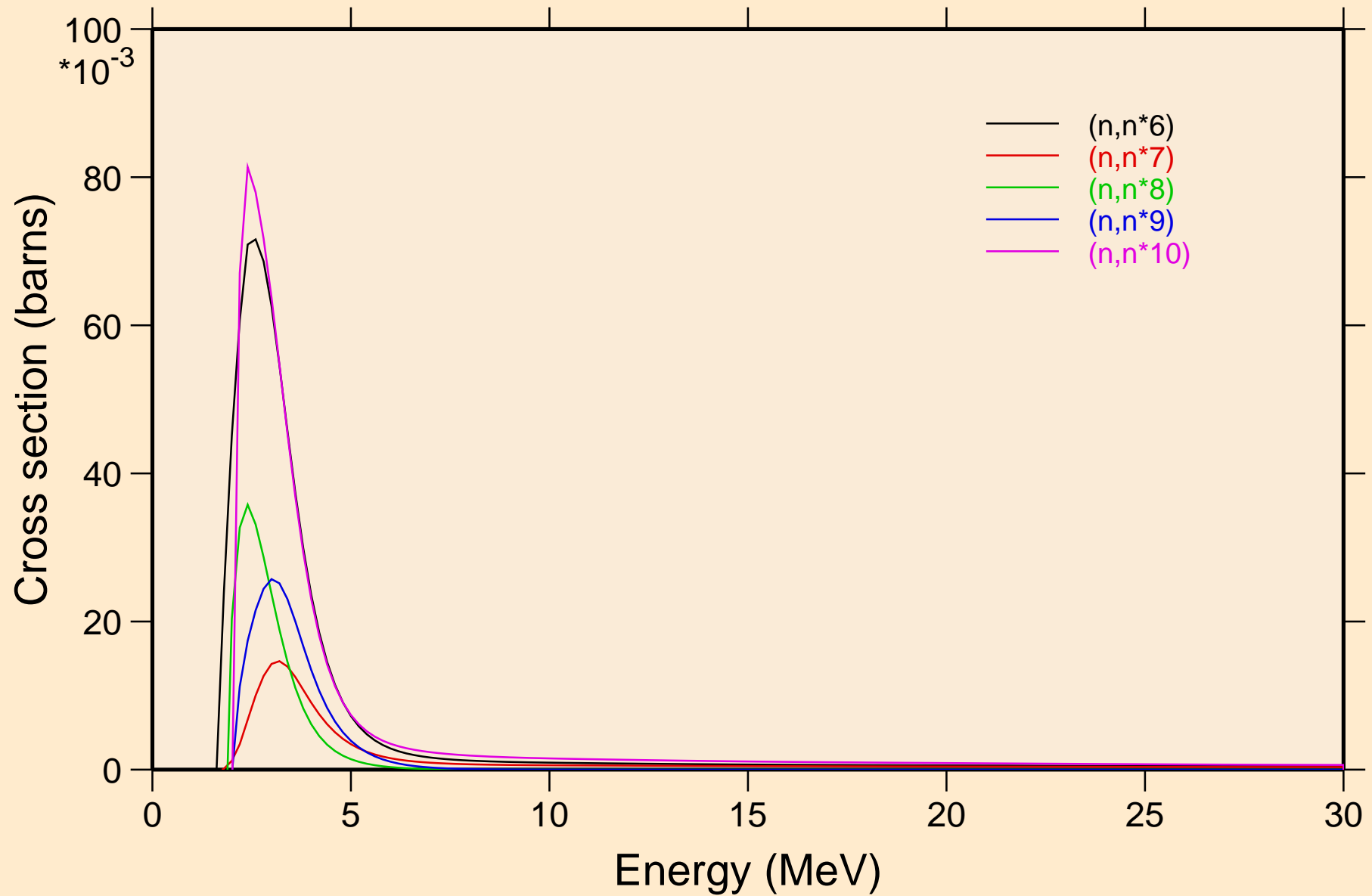
# XE128 NRG TENDL-2015, AKONING

## Inelastic levels



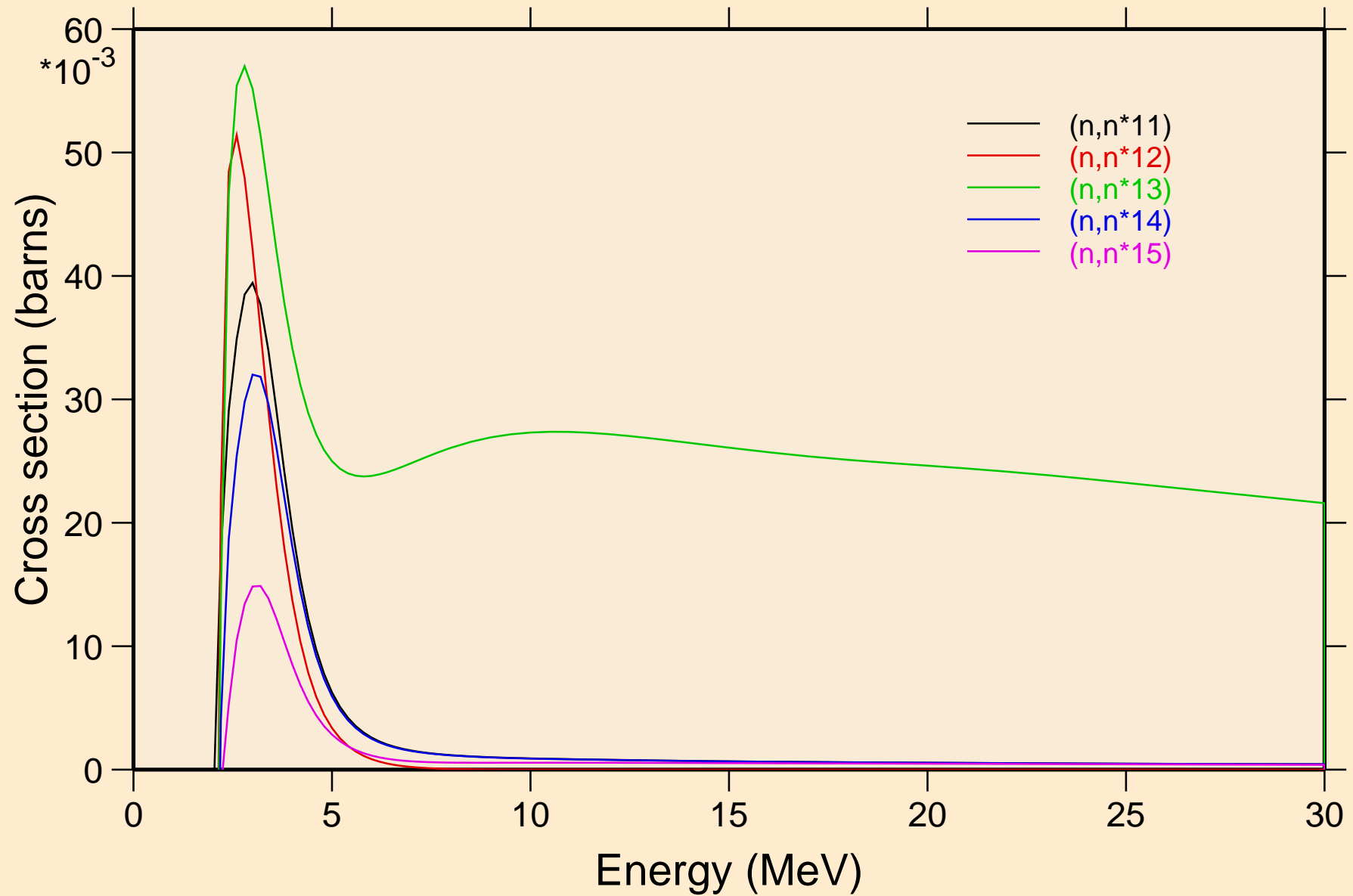
# XE128 NRG TENDL-2015, AKONING

## Inelastic levels



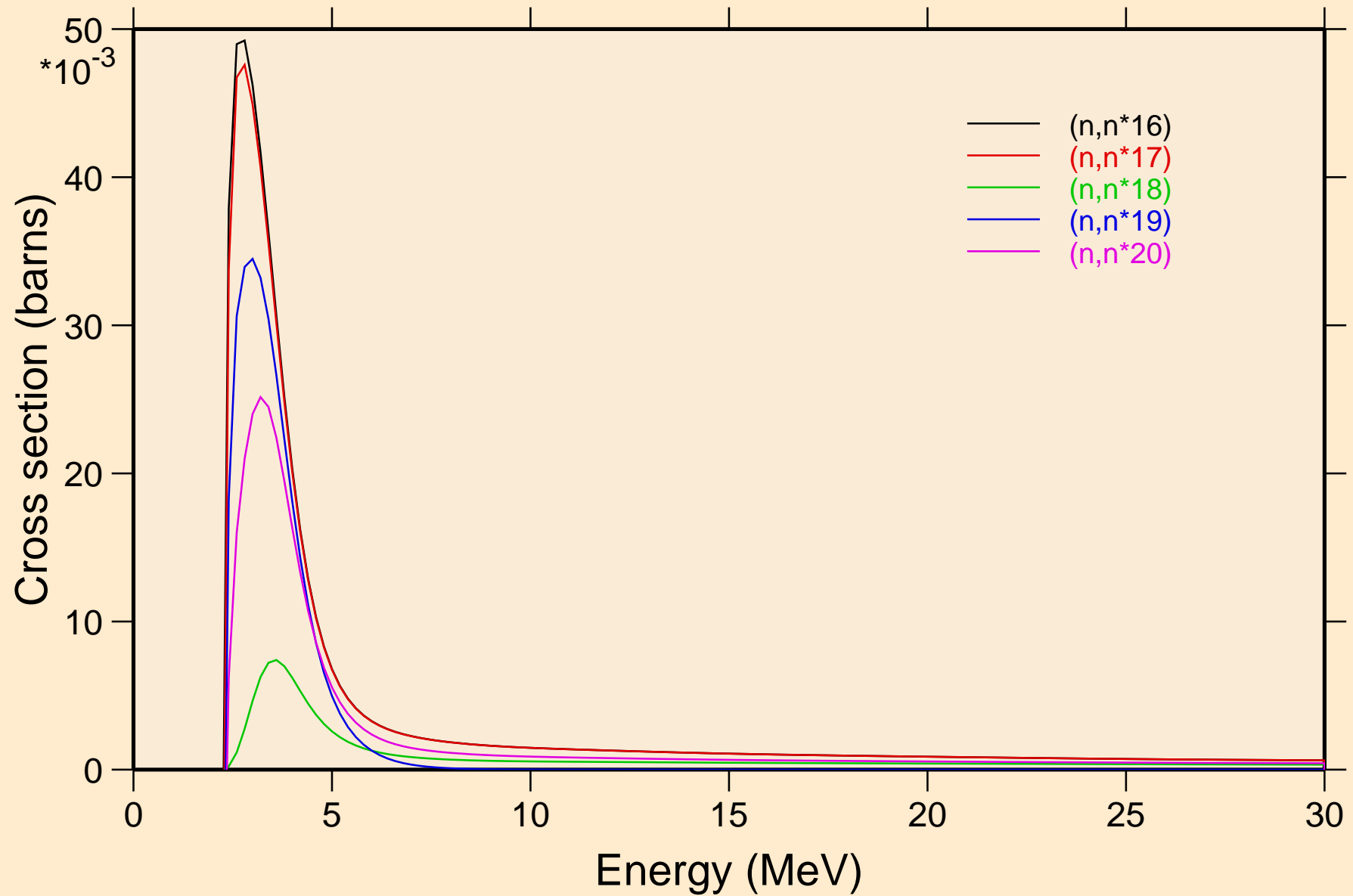
# XE128 NRG TENDL-2015, AKONING

## Inelastic levels



# XE128 NRG TENDL-2015, AKONING

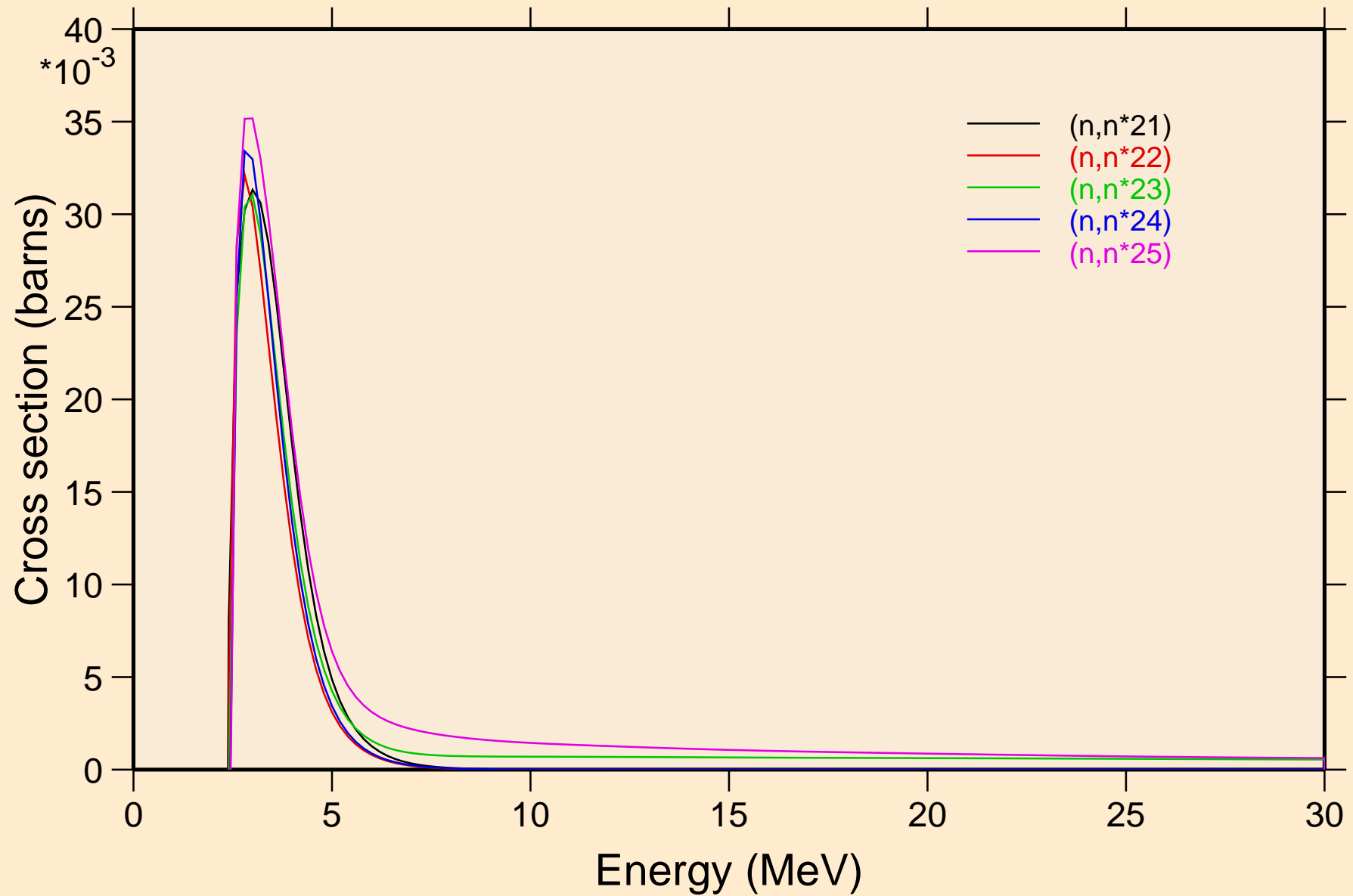
## Inelastic levels





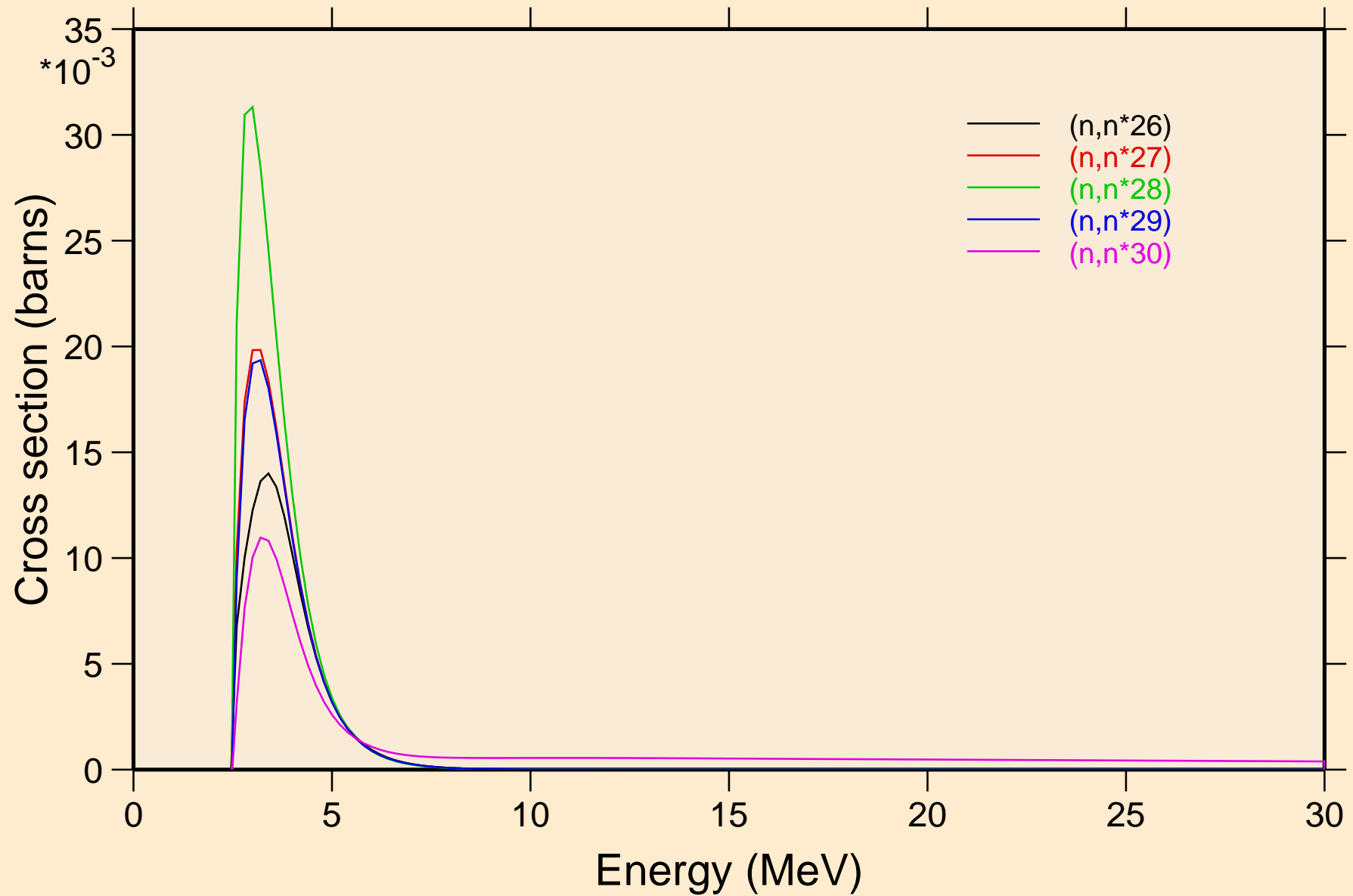
# XE128 NRG TENDL-2015, AKONING

## Inelastic levels



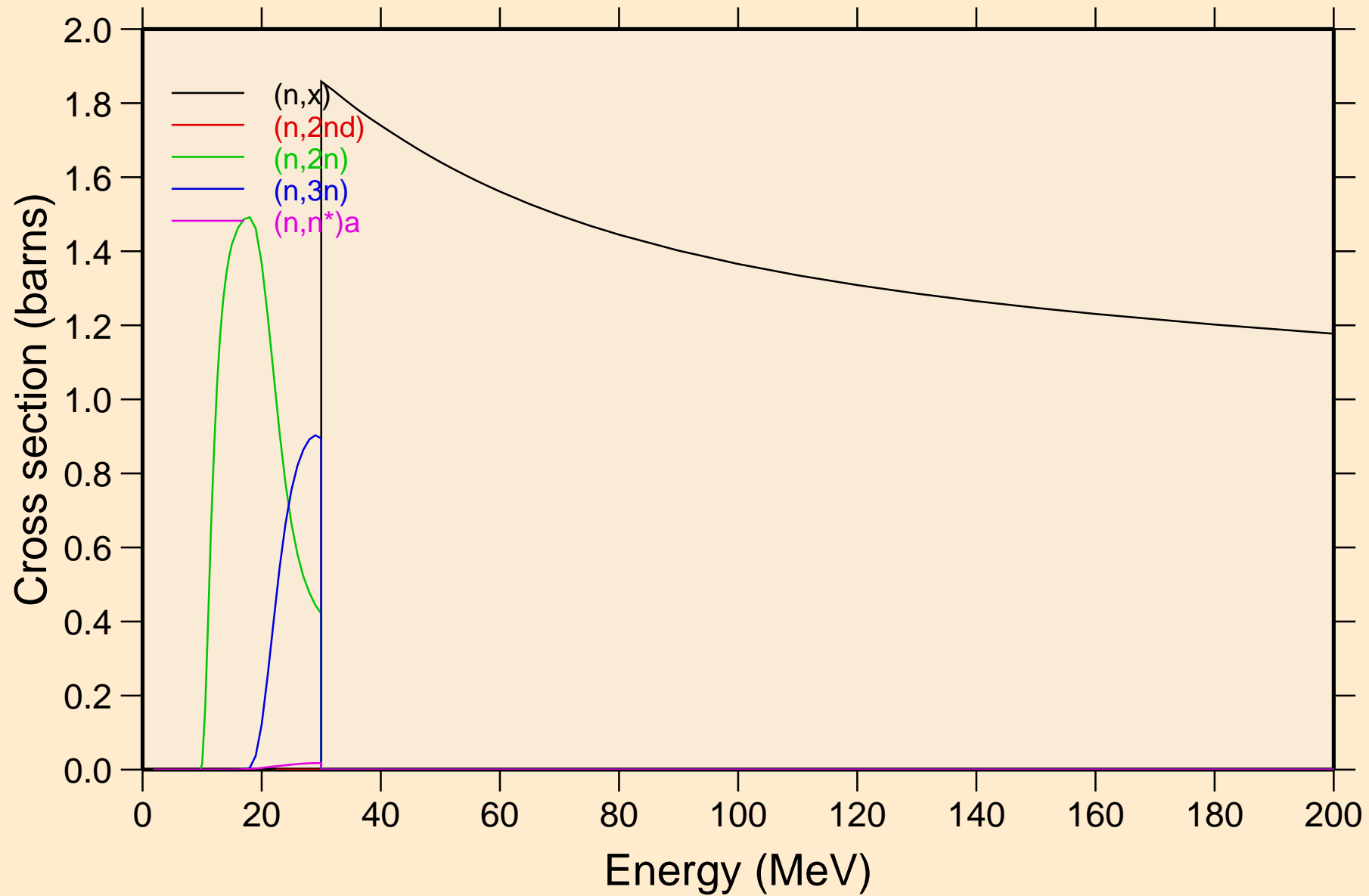
# XE128 NRG TENDL-2015, AKONING

## Inelastic levels



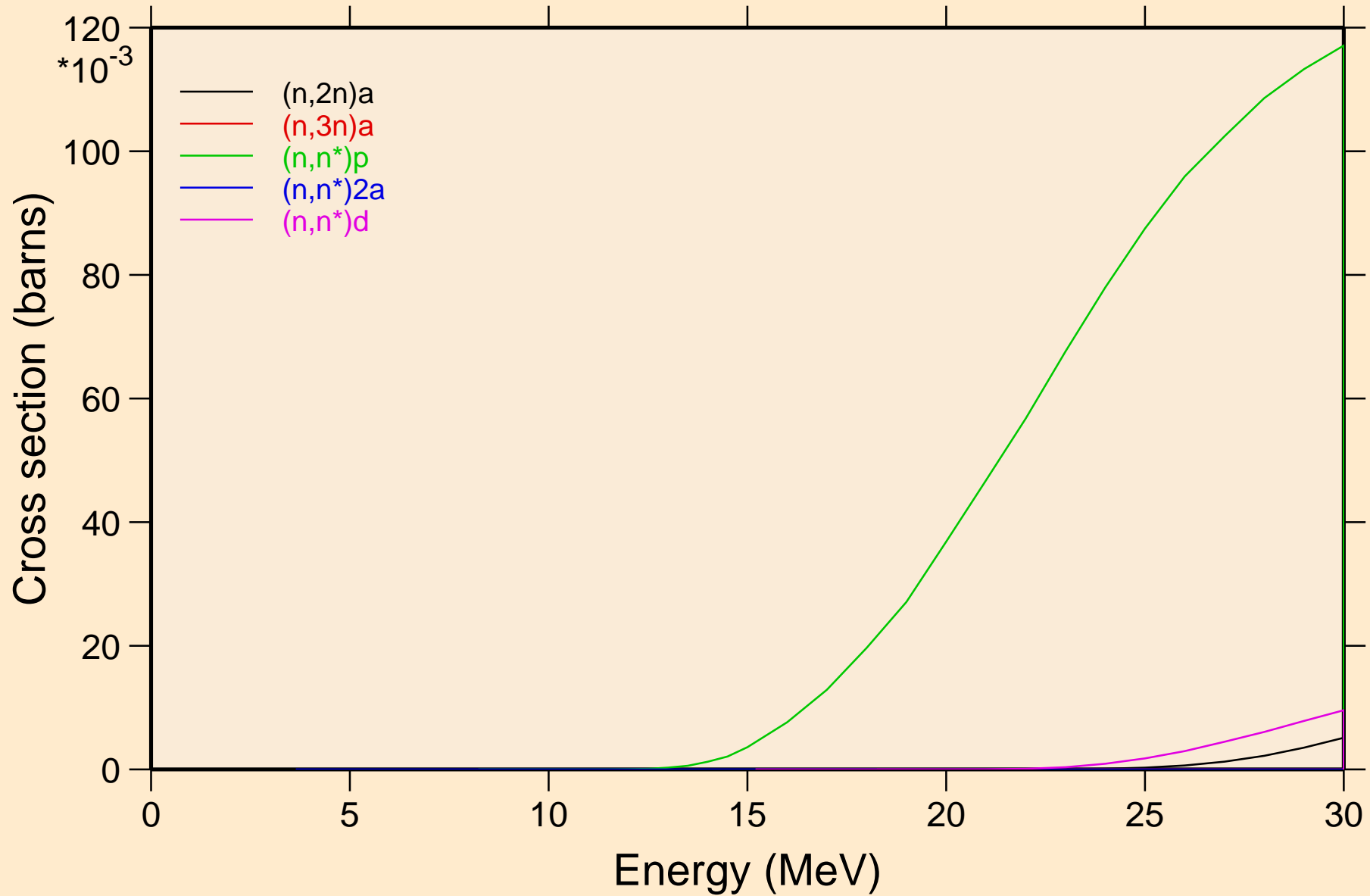
# XE128 NRG TENDL-2015, AKONING

## Threshold reactions



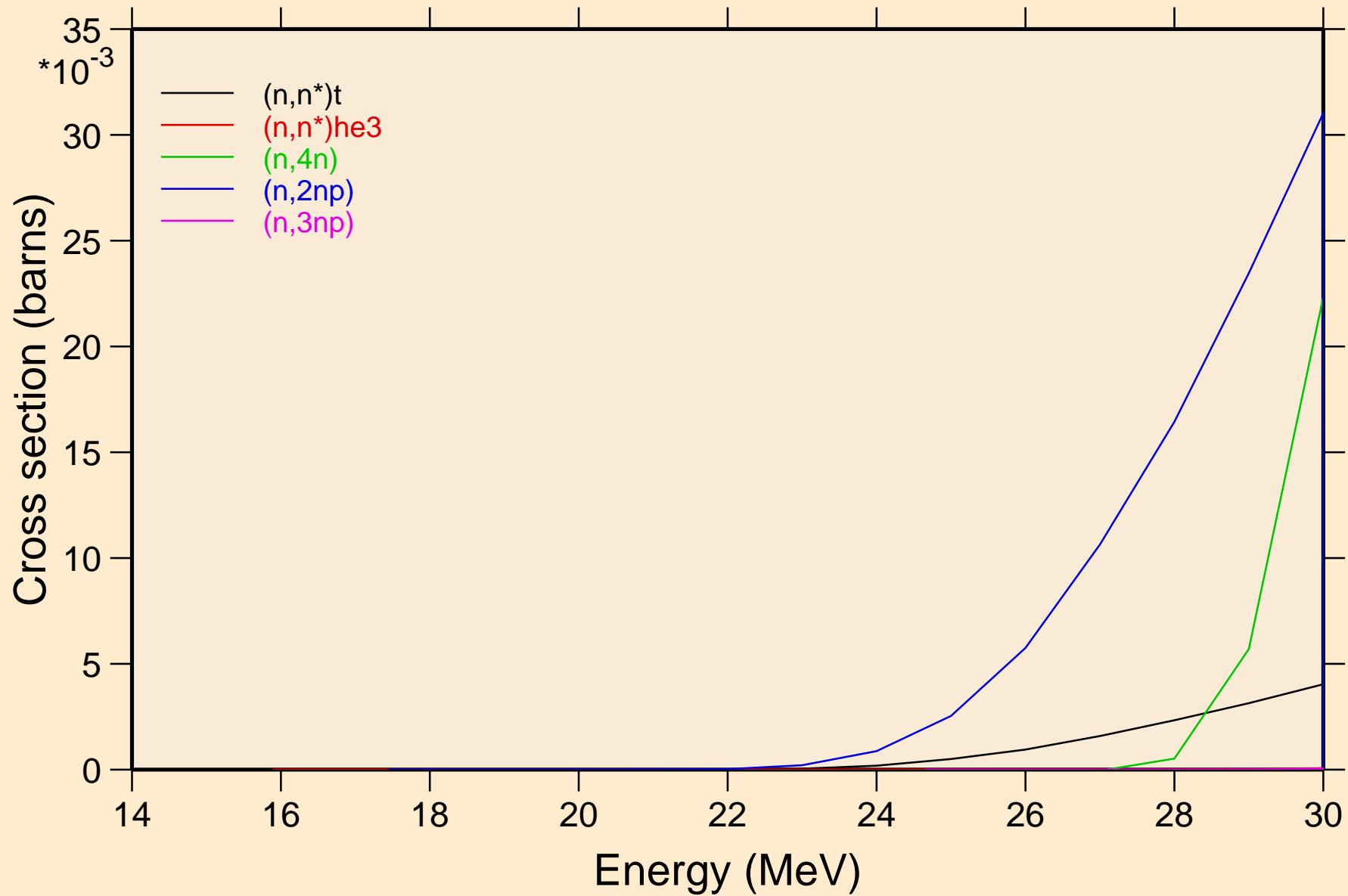
# XE128 NRG TENDL-2015, AKONING

## Threshold reactions



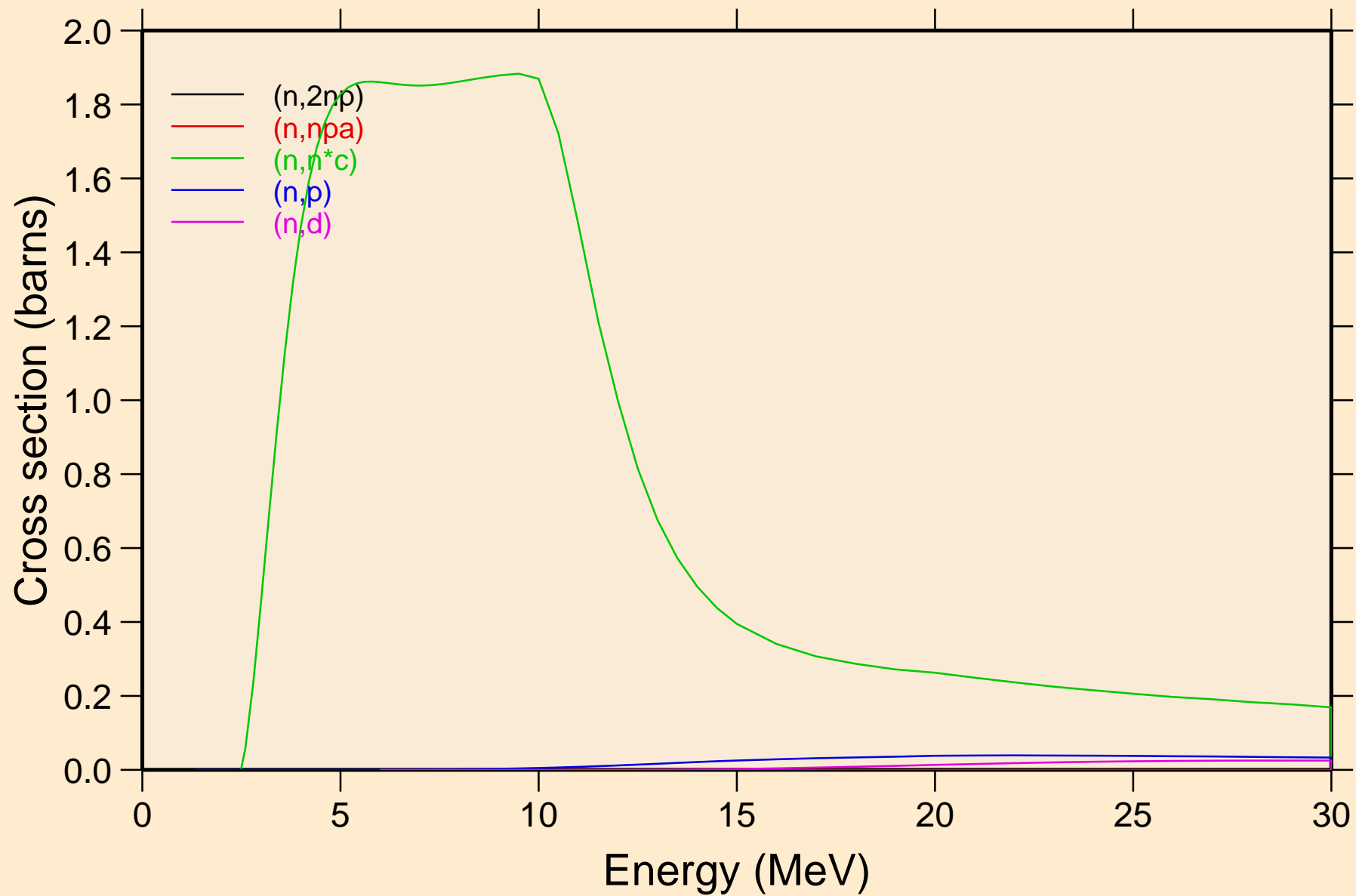
# XE128 NRG TENDL-2015, AKONING

## Threshold reactions



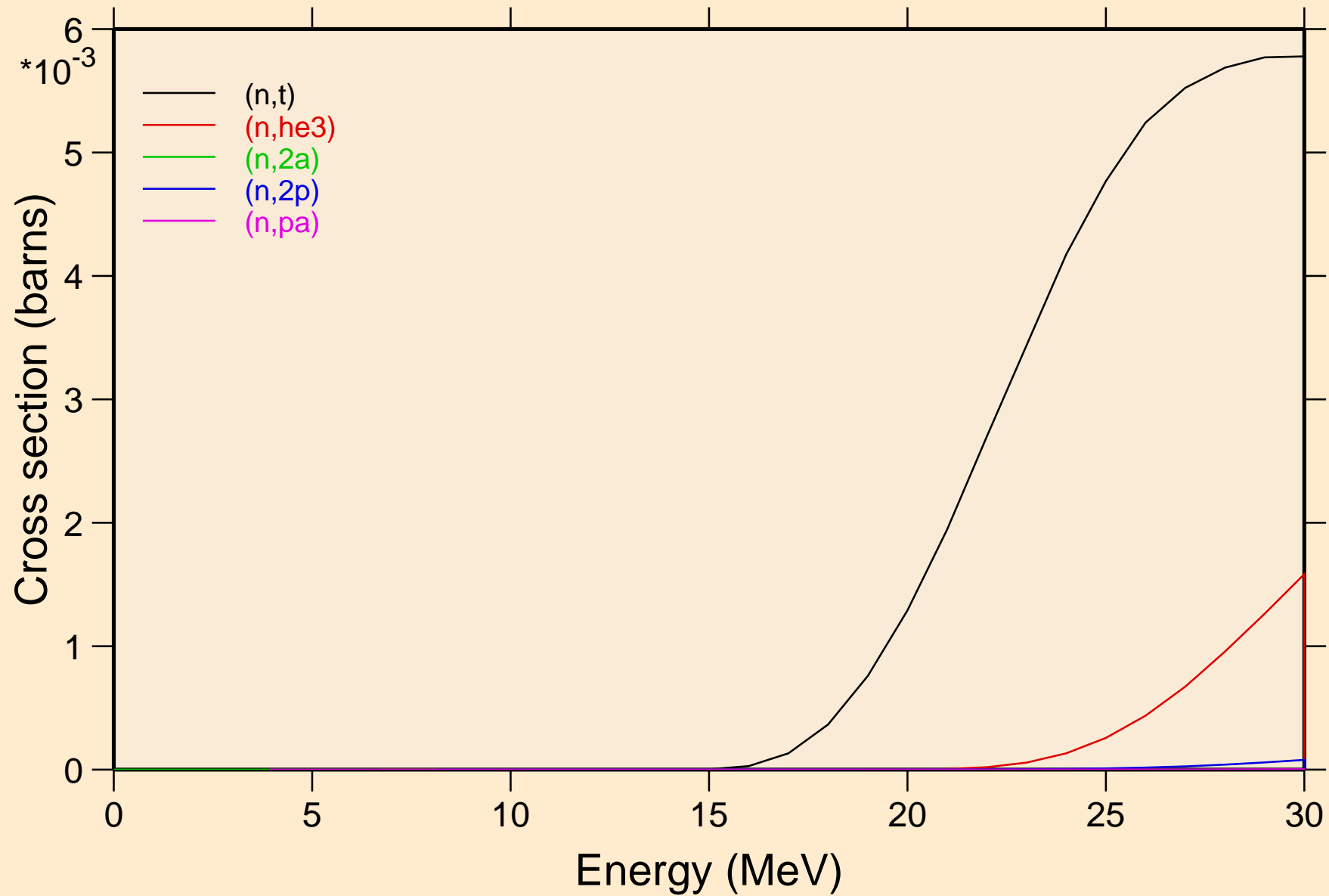
# XE128 NRG TENDL-2015, AKONING

## Threshold reactions



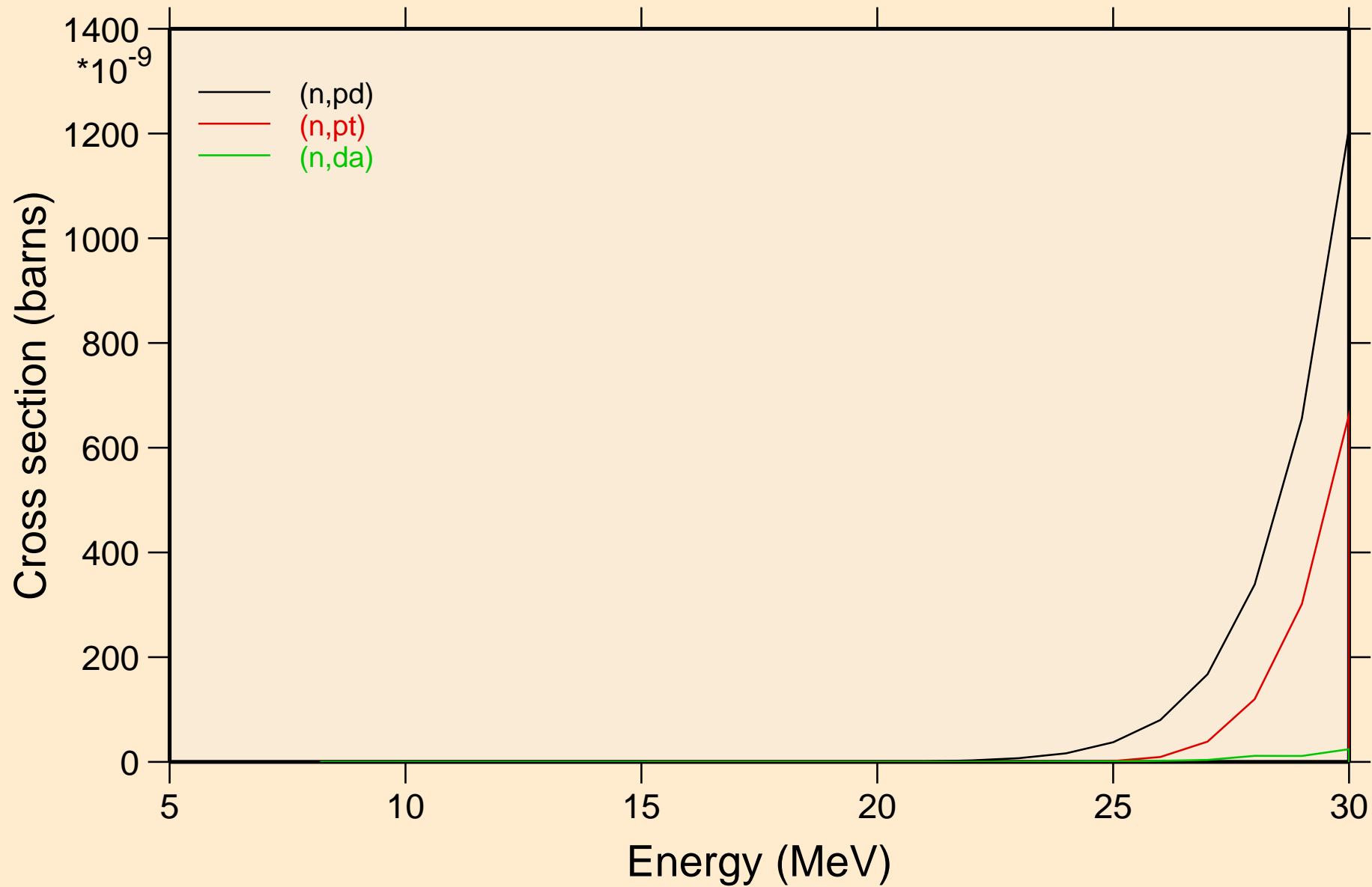
# XE128 NRG TENDL-2015, AKONING

## Threshold reactions



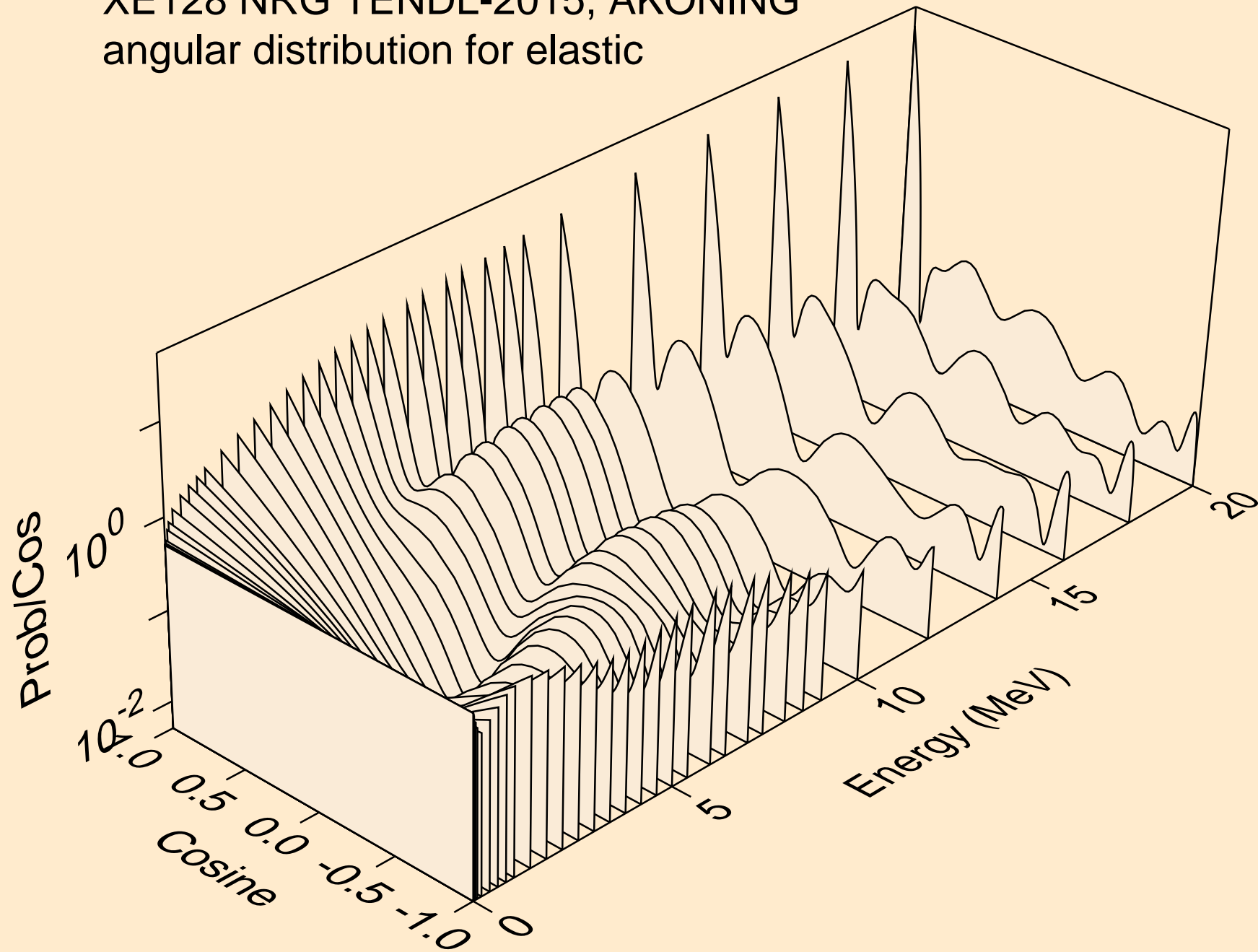
# XE128 NRG TENDL-2015, AKONING

## Threshold reactions

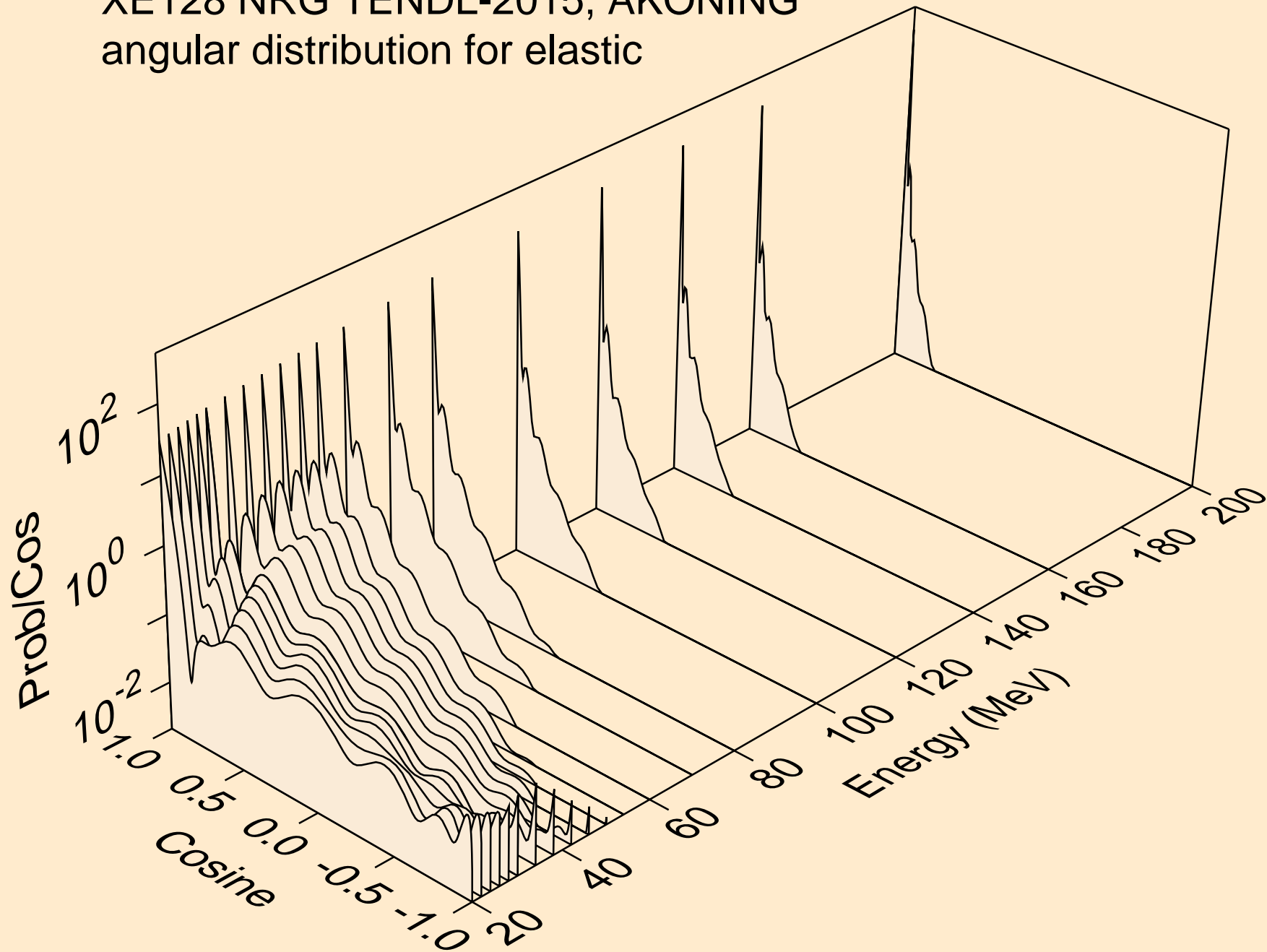




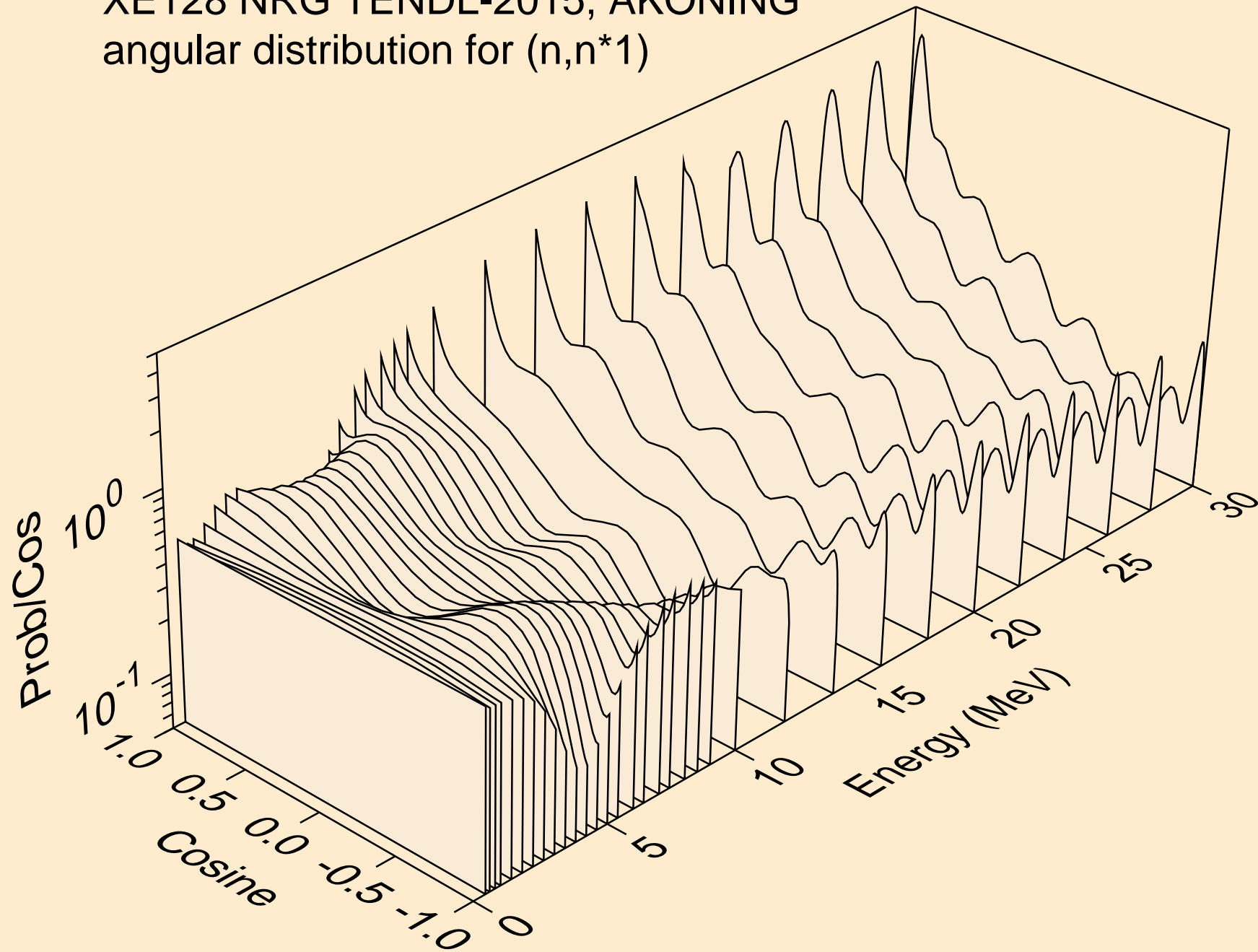
XE128 NRG TENDL-2015, AKONING  
angular distribution for elastic



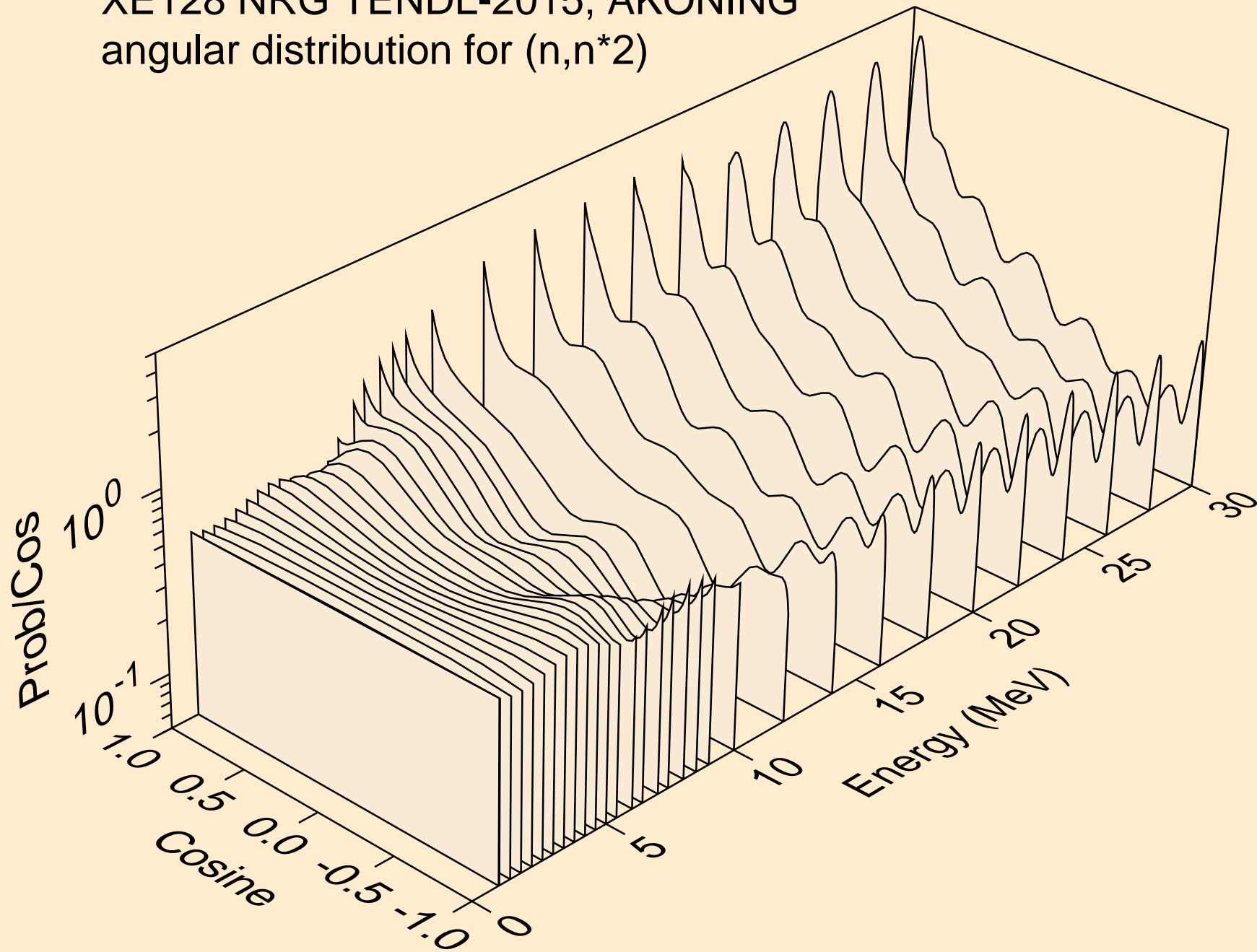
XE128 NRG TENDL-2015, AKONING  
angular distribution for elastic



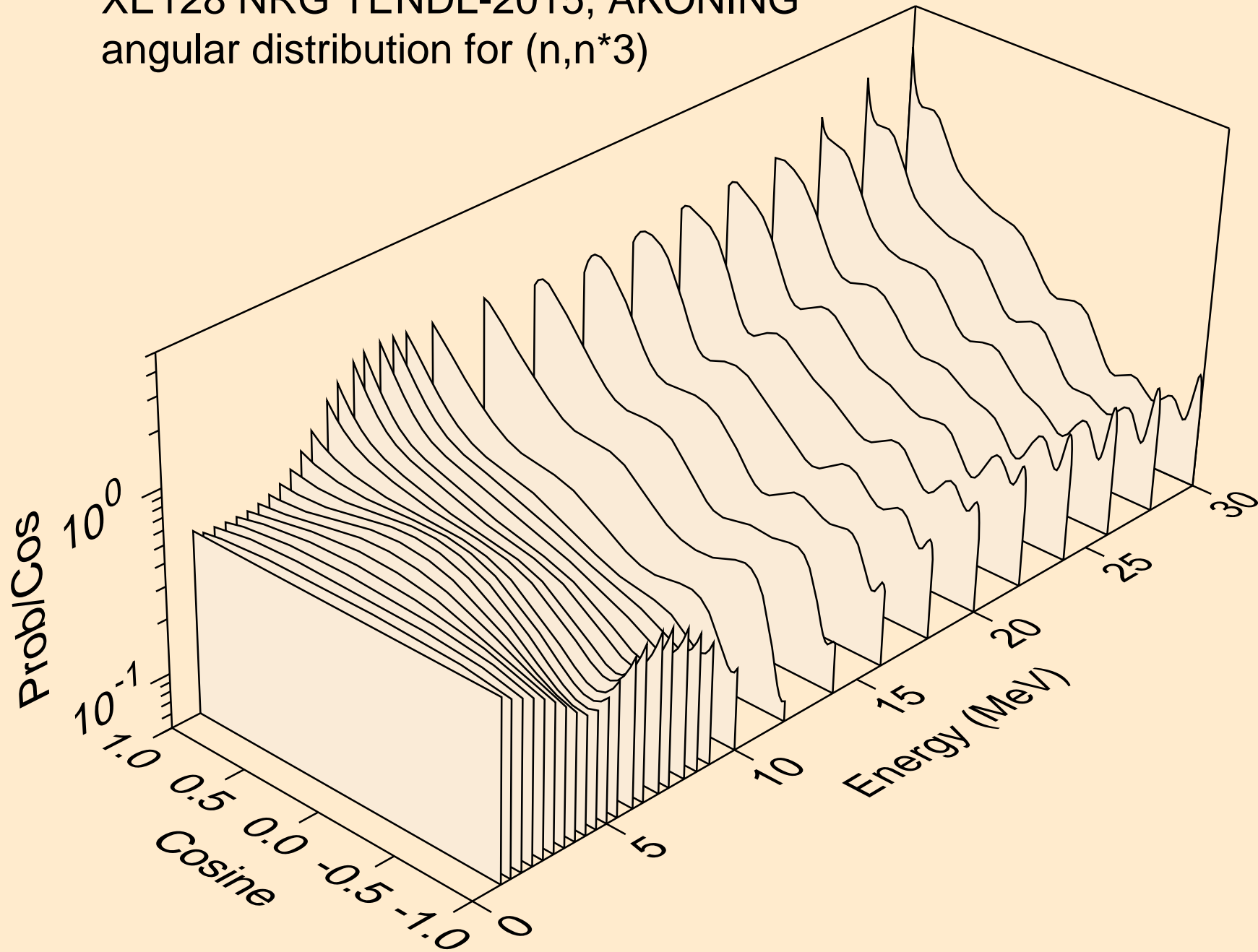
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



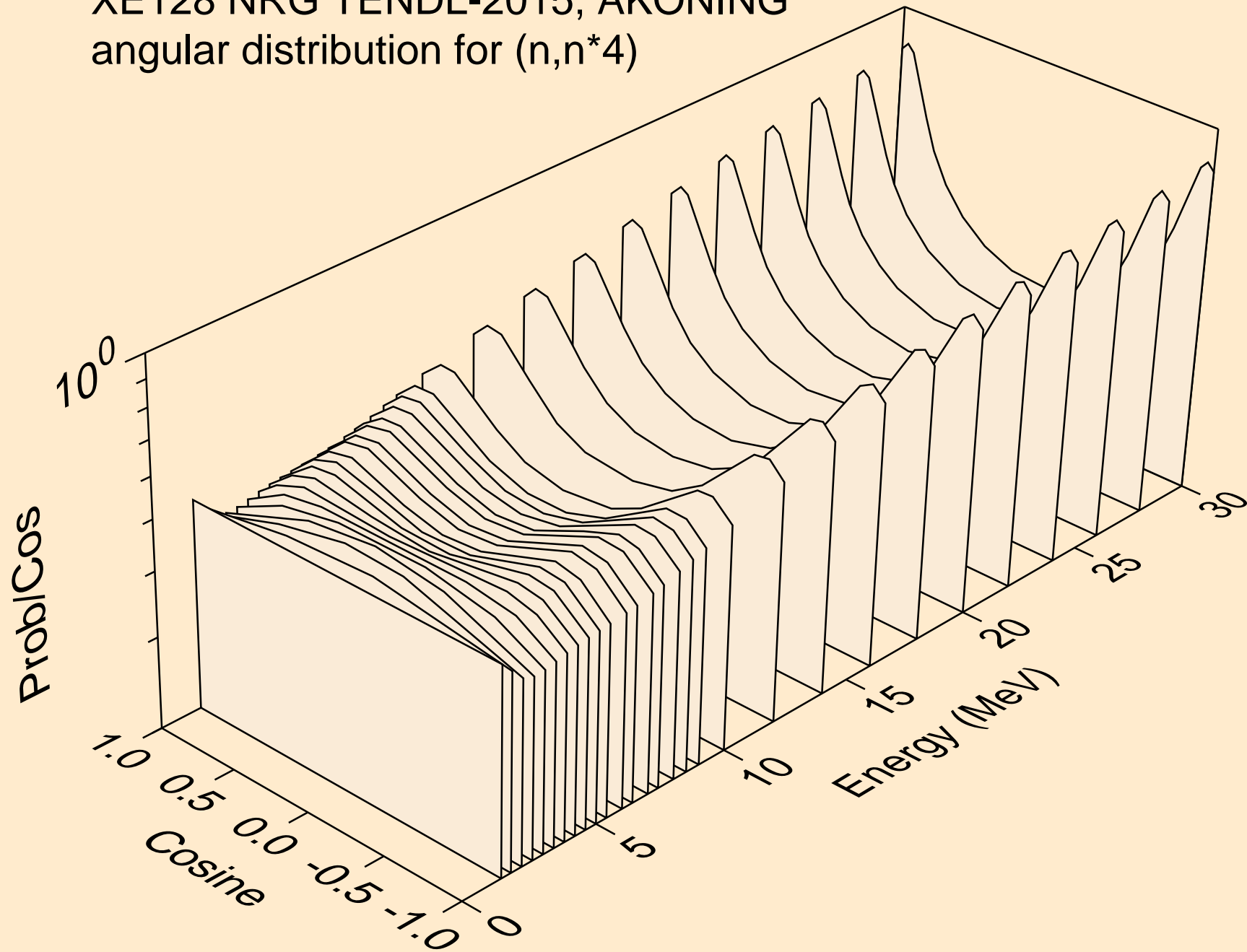
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



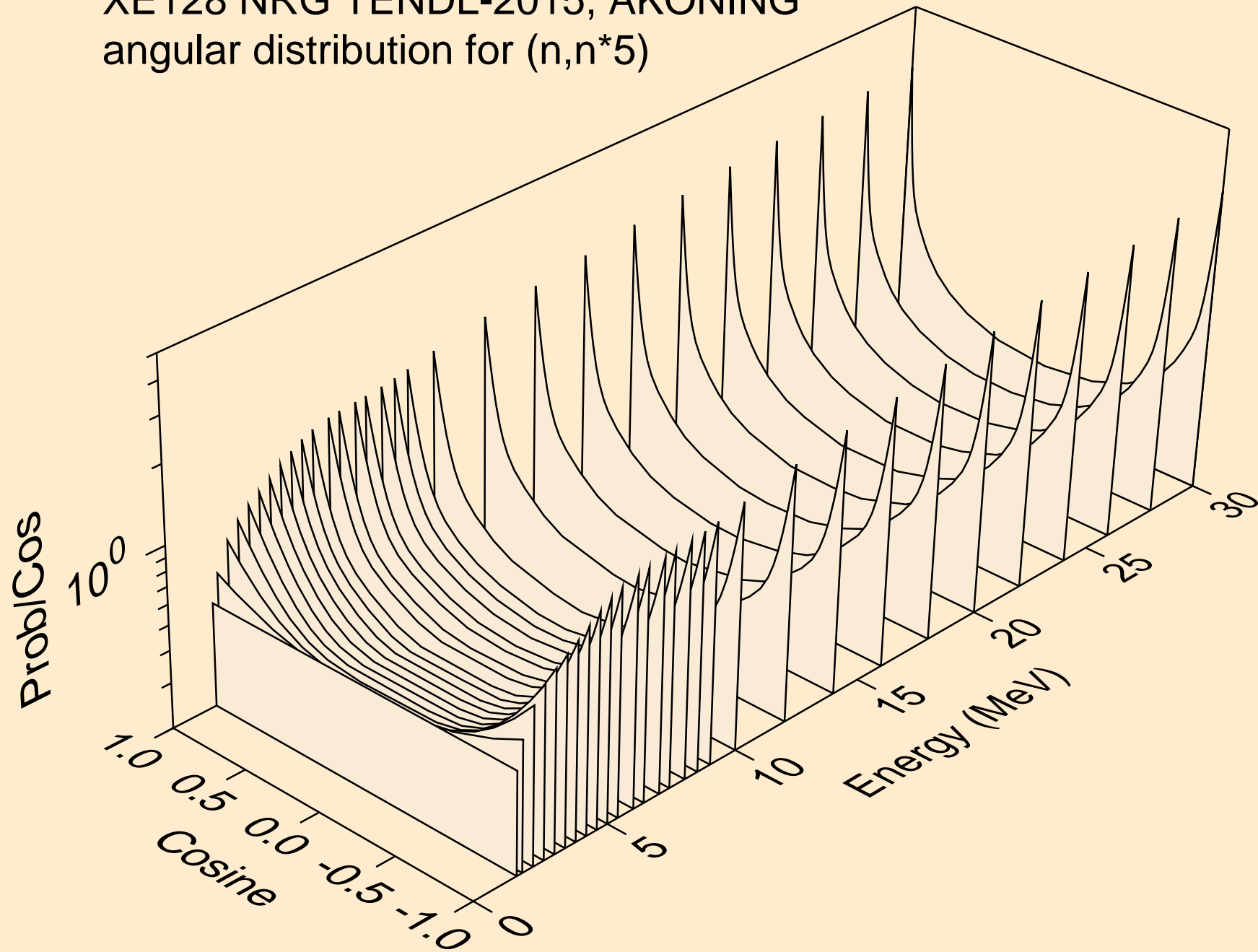
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



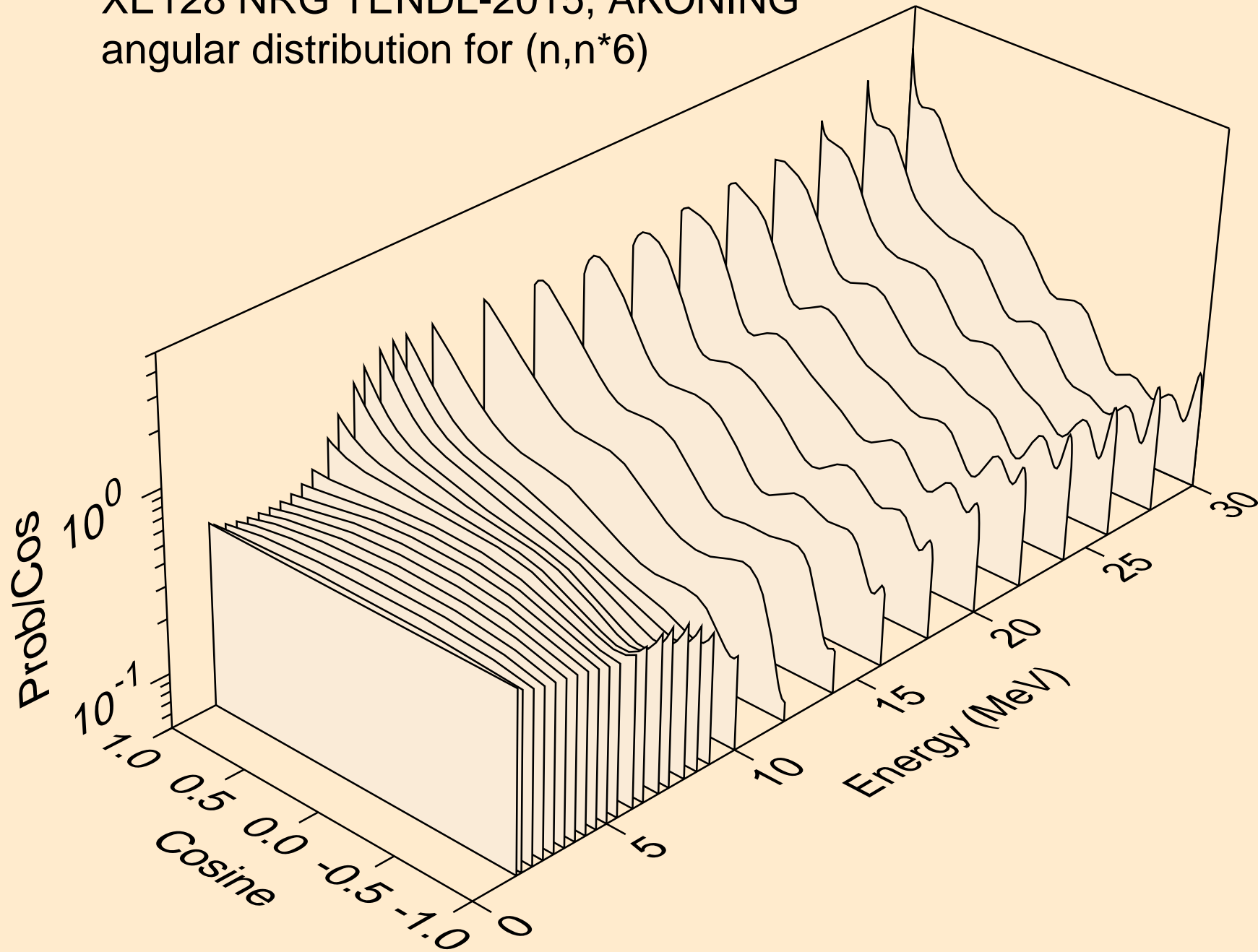
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

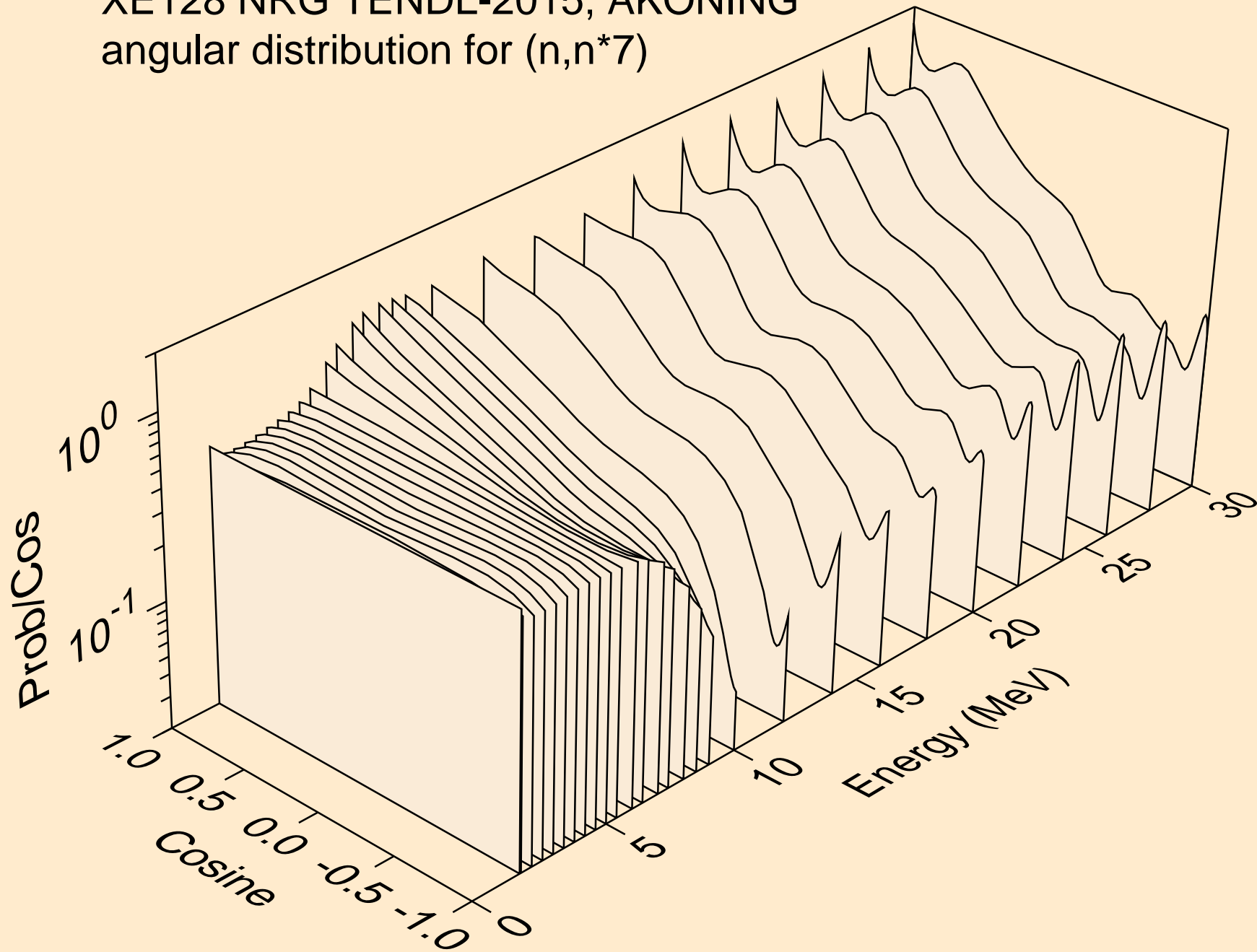


XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

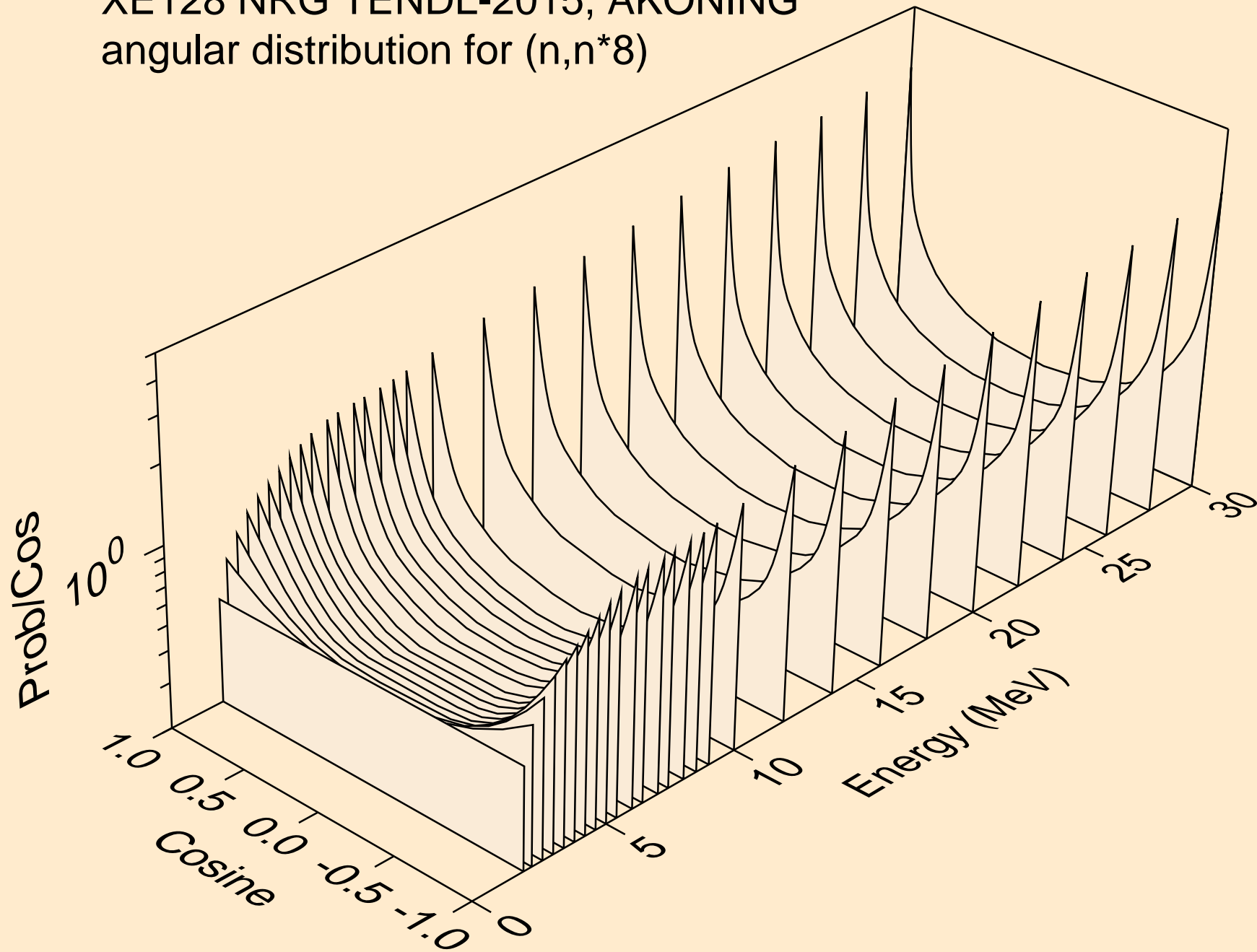




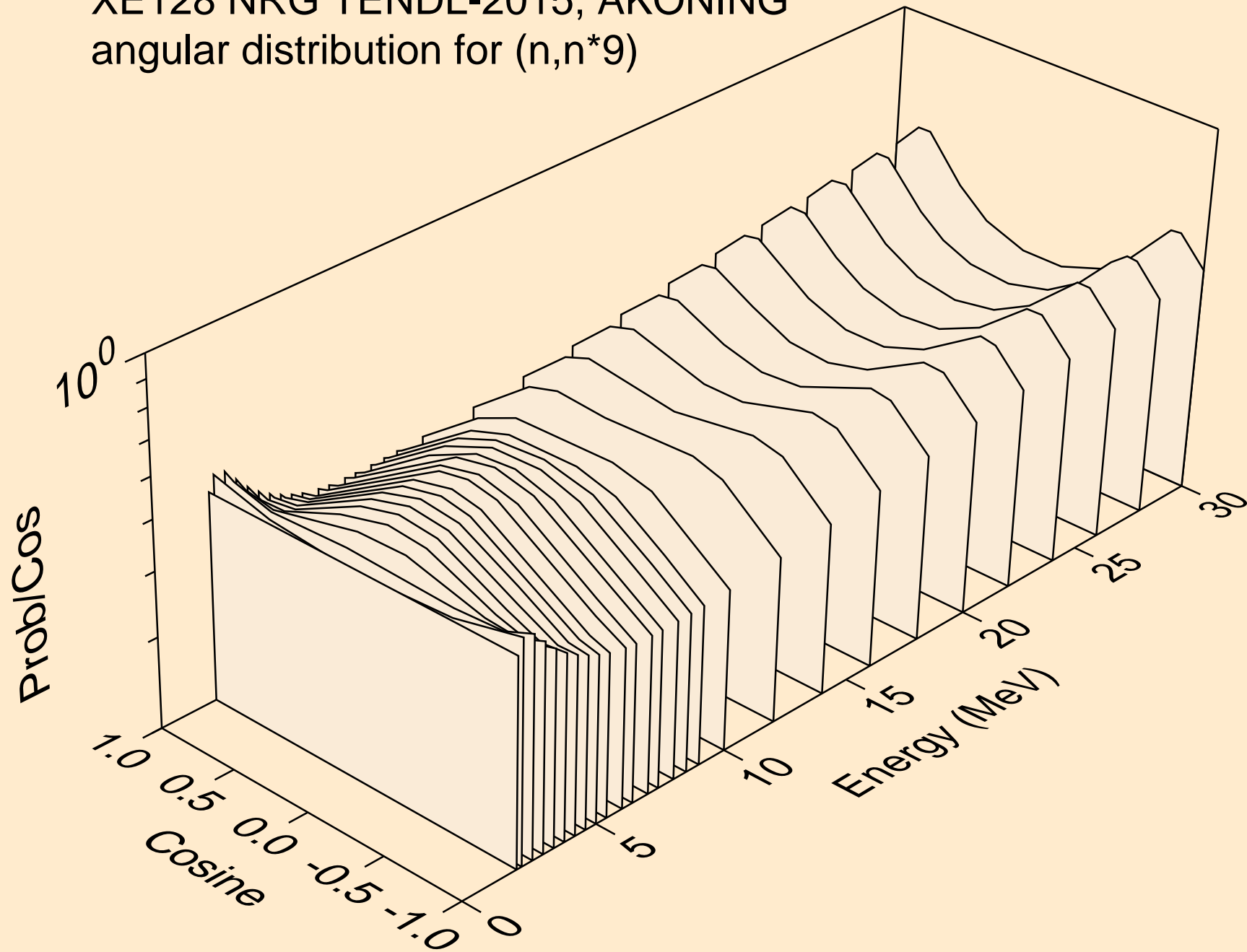
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



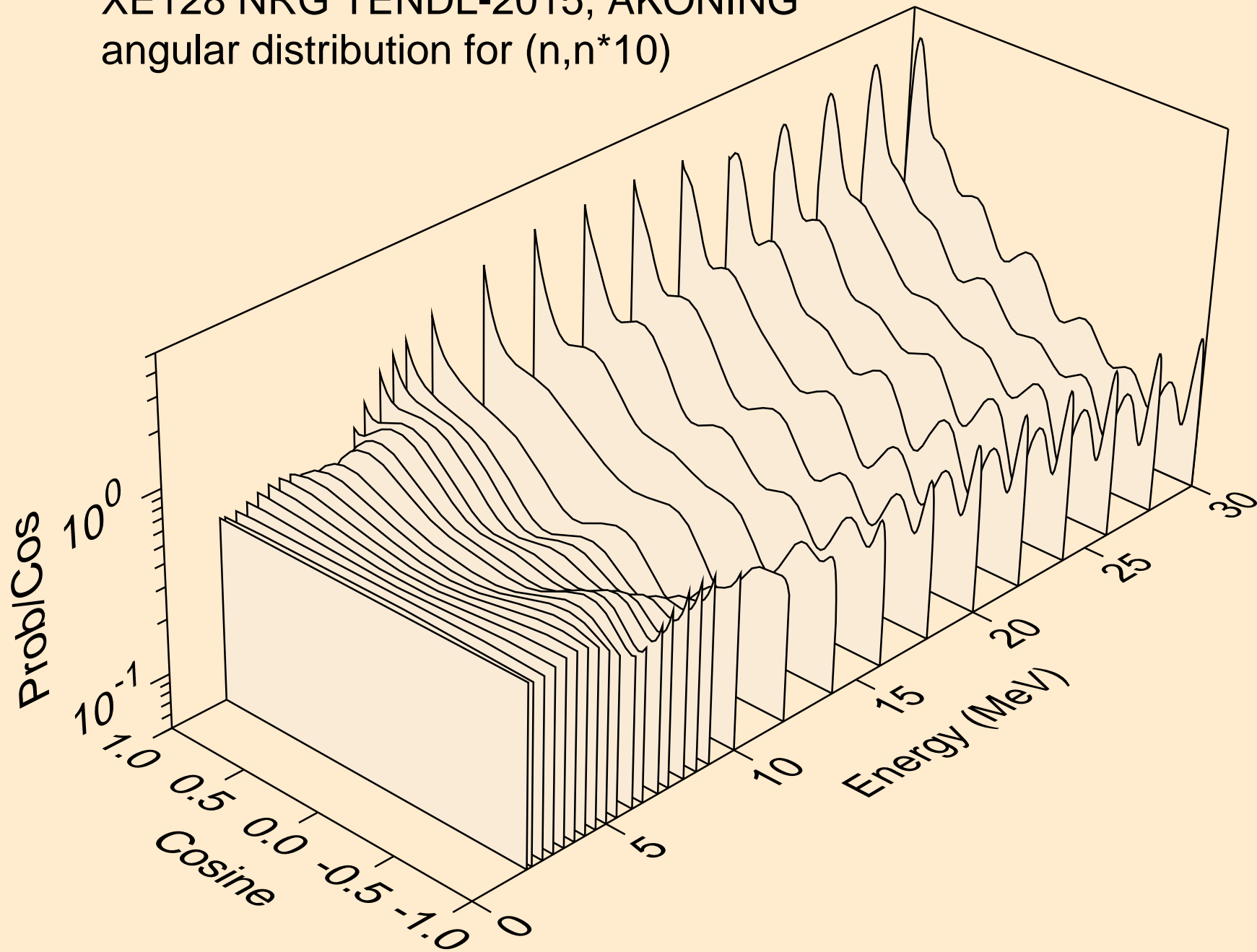
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



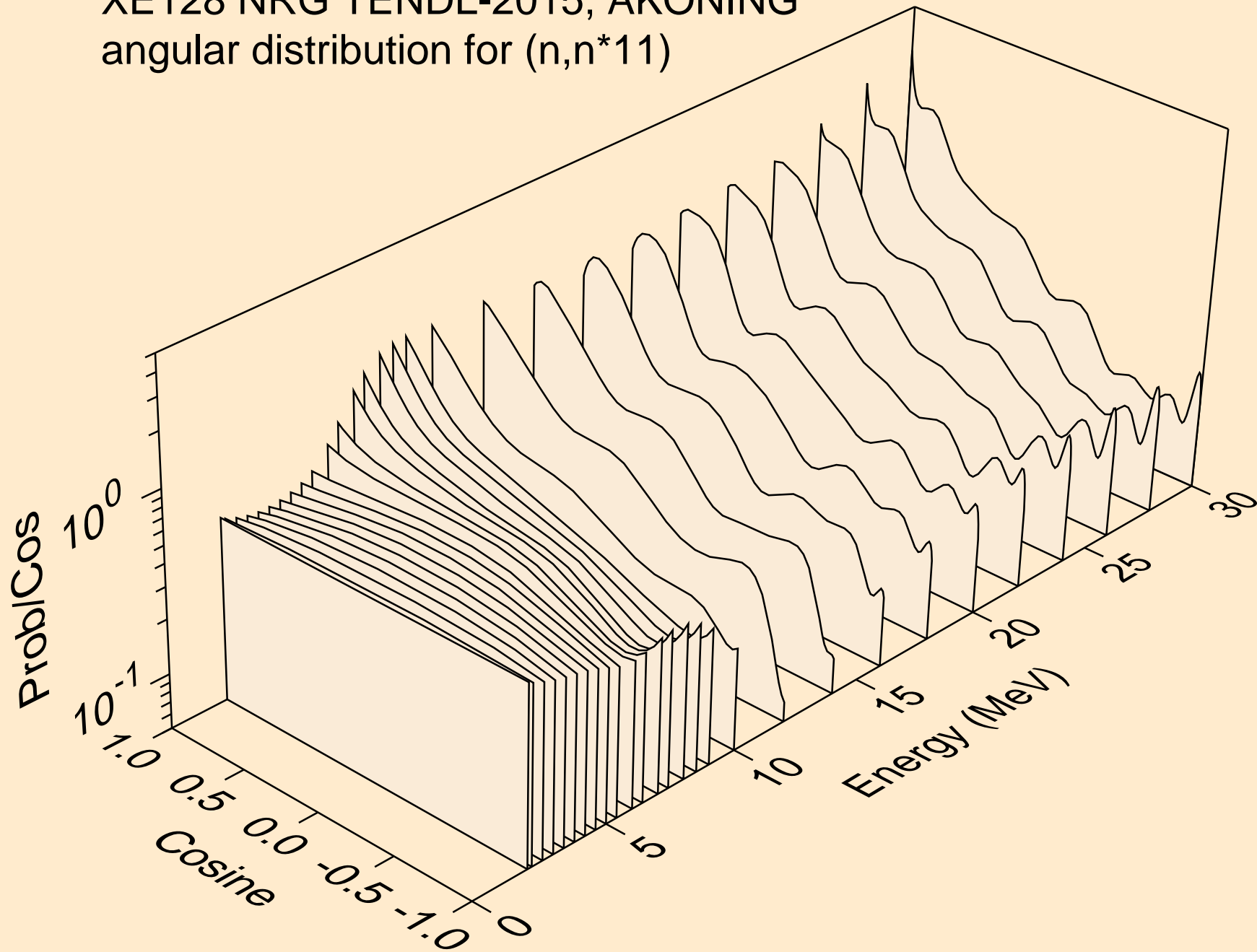
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



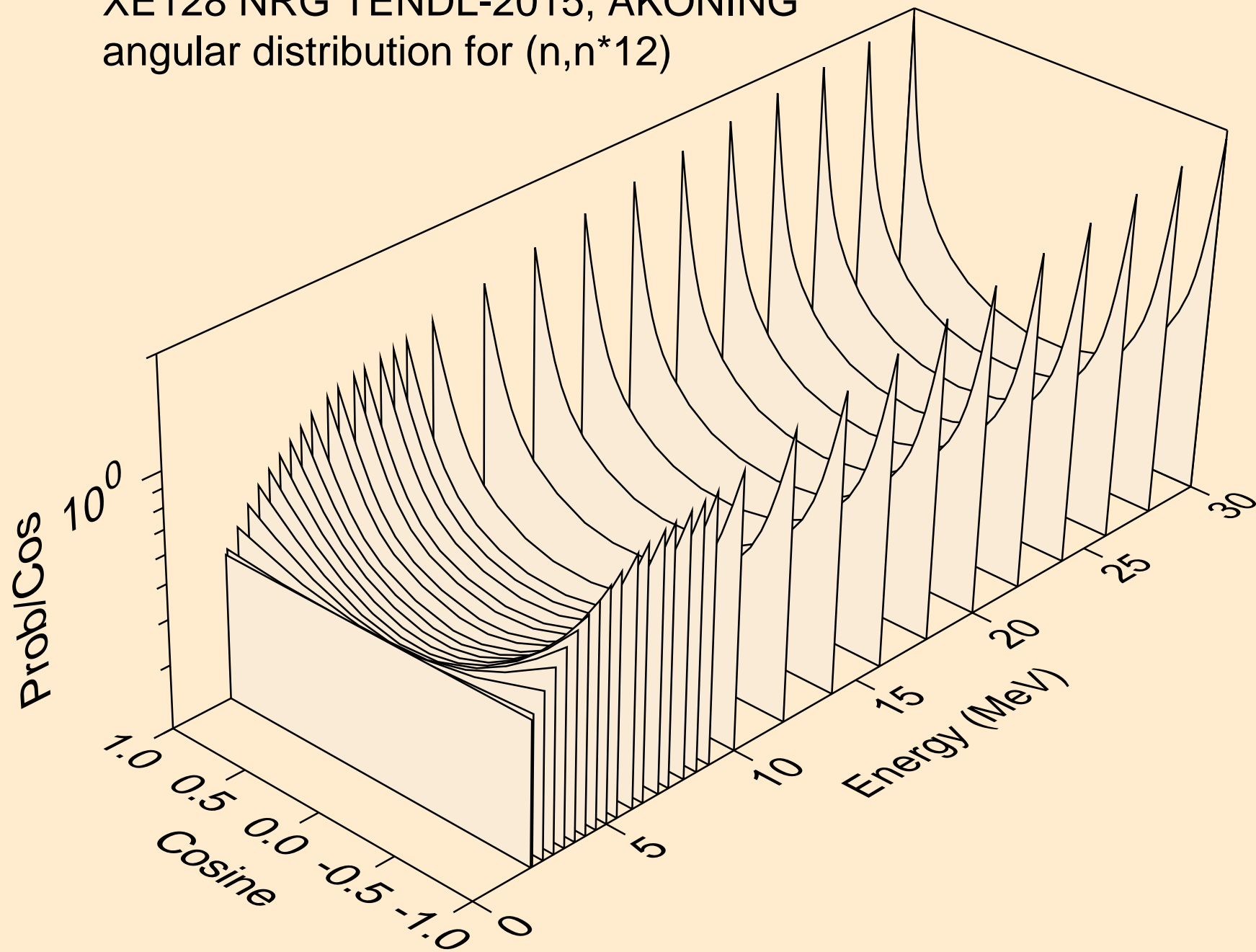
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



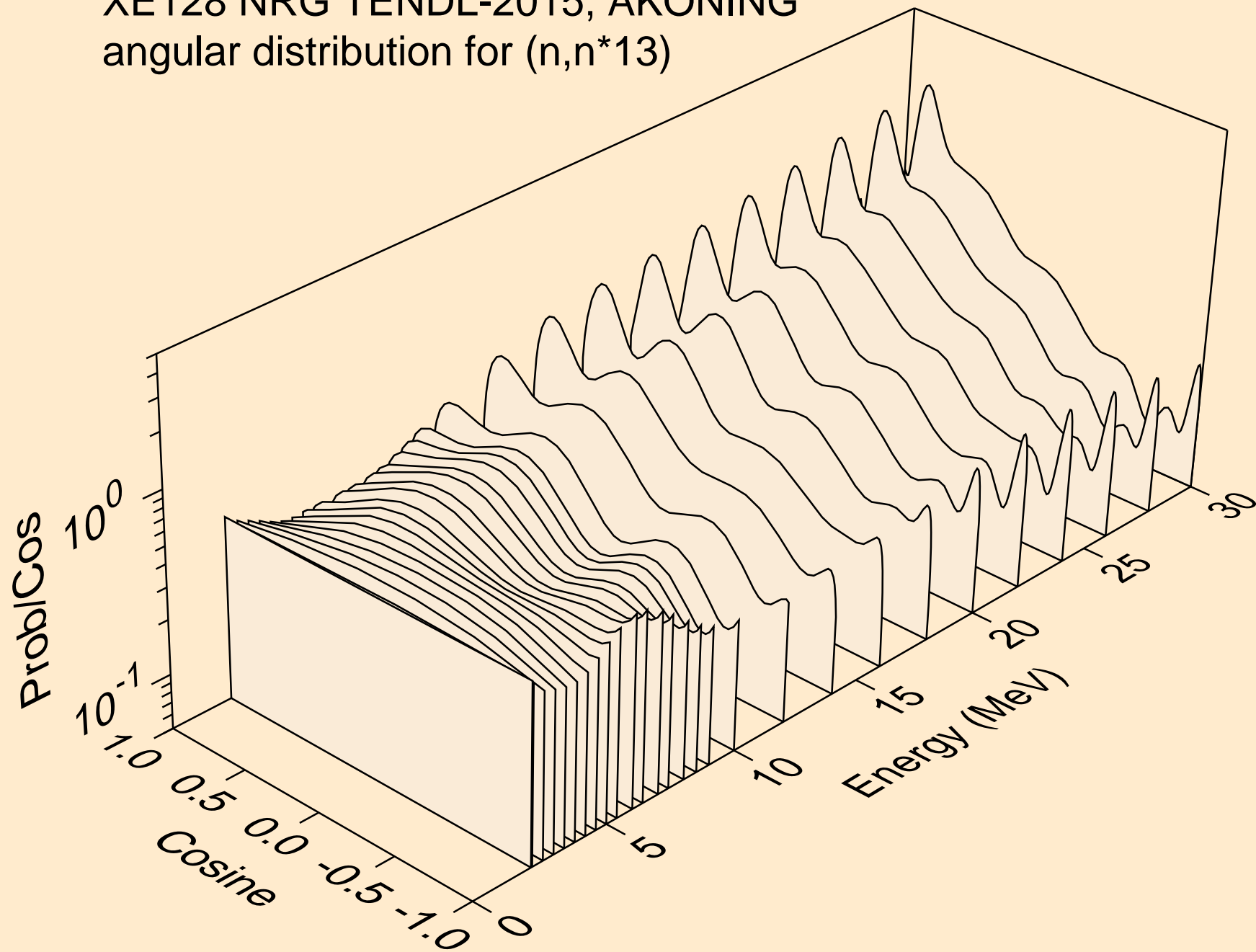
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



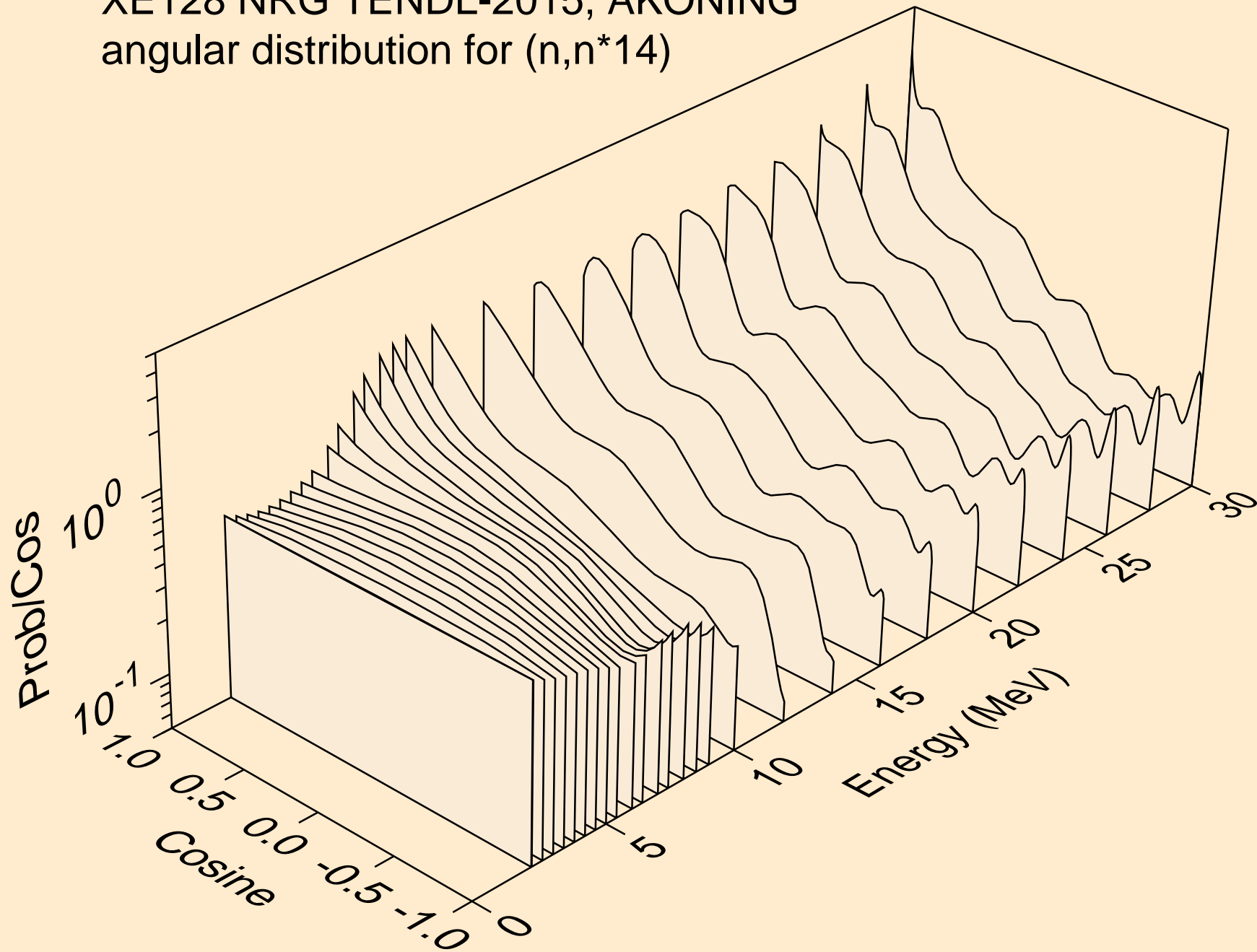
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

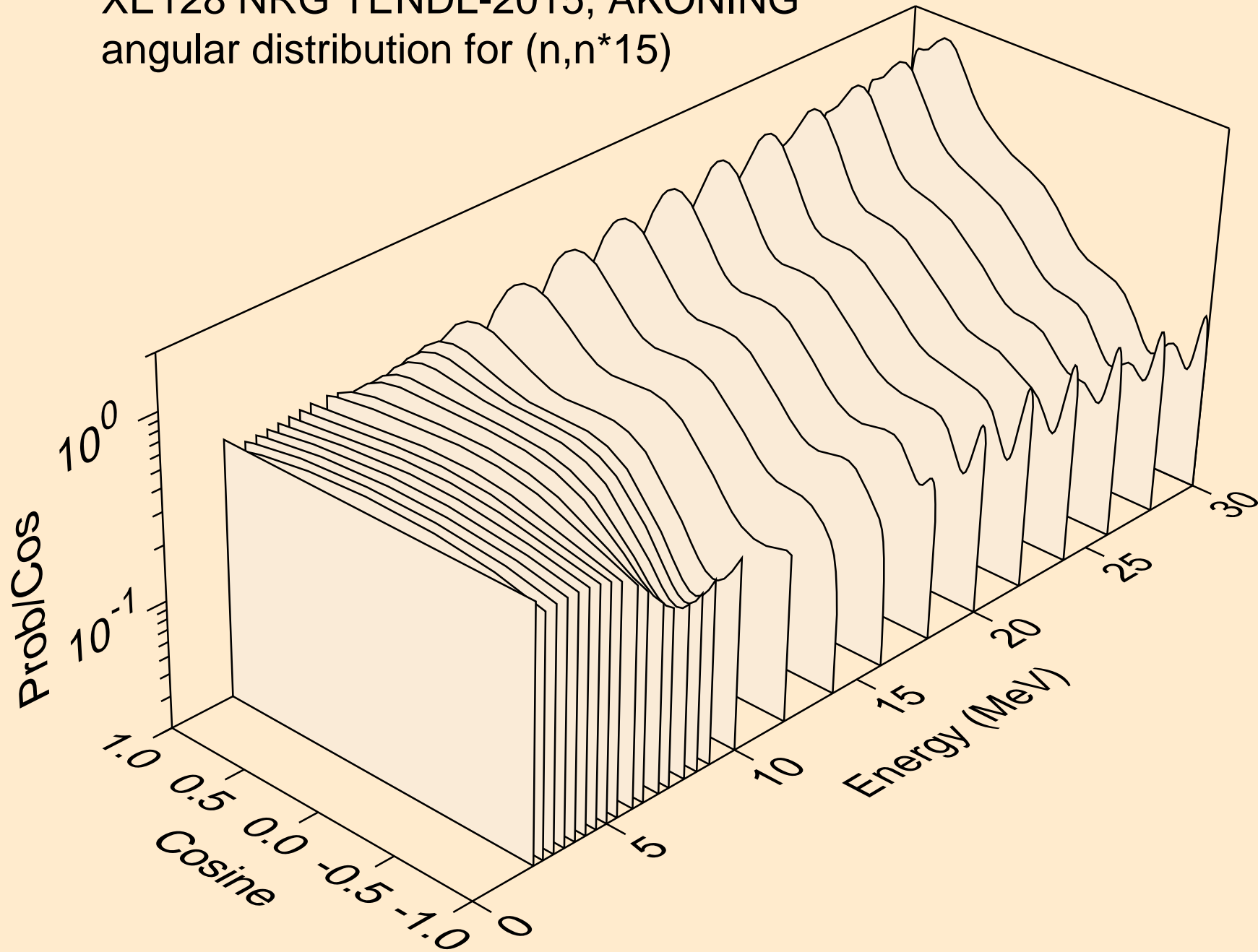


XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

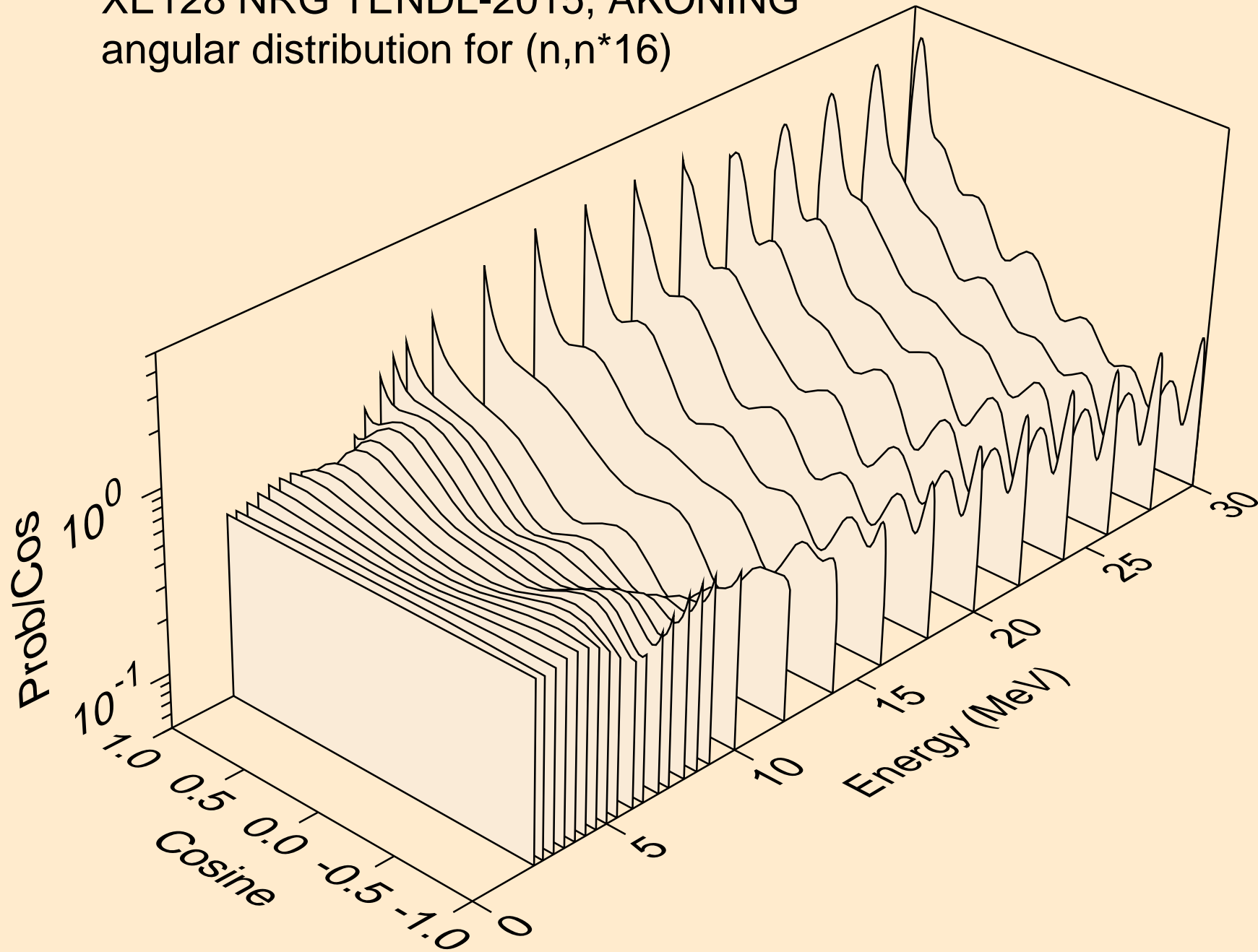




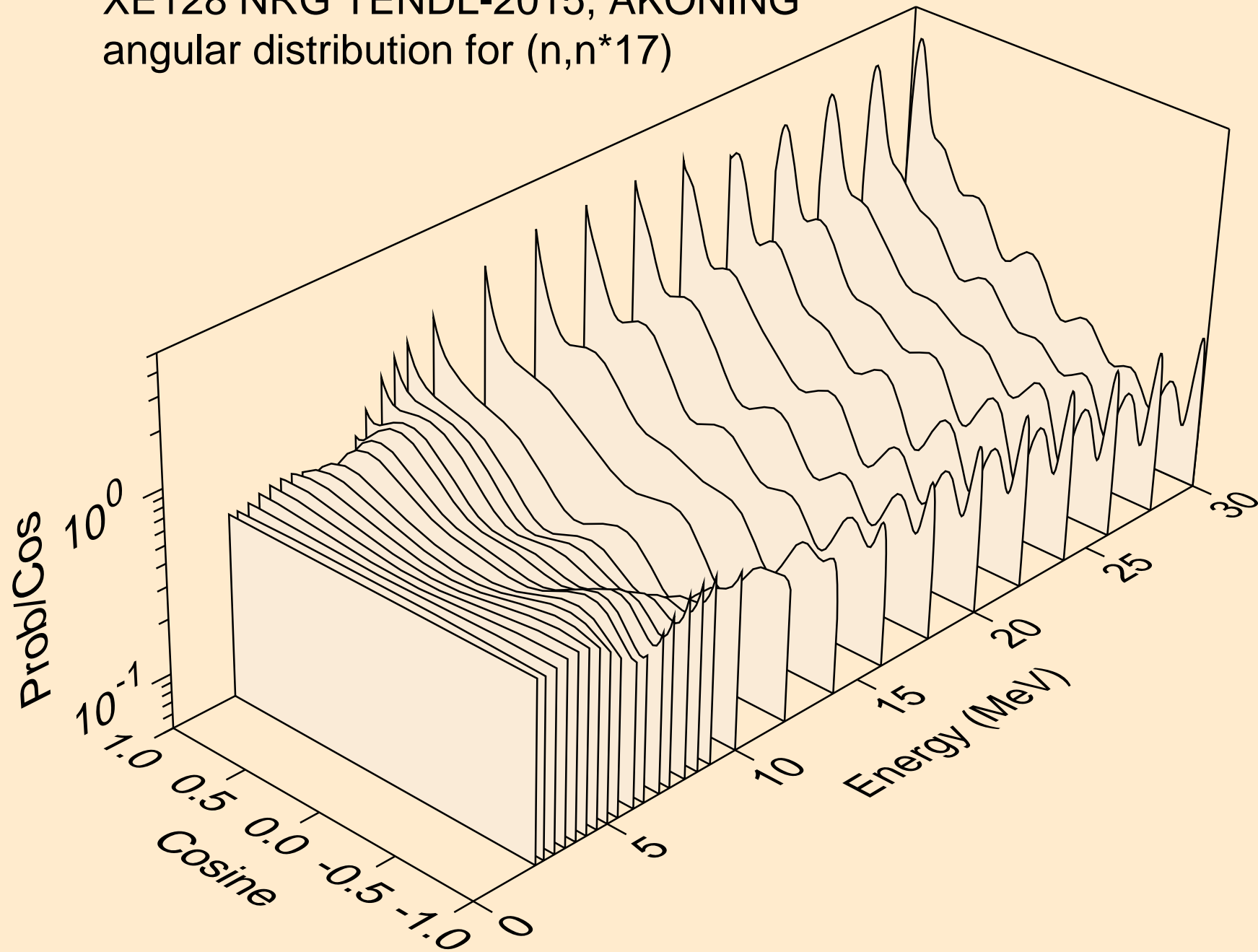
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



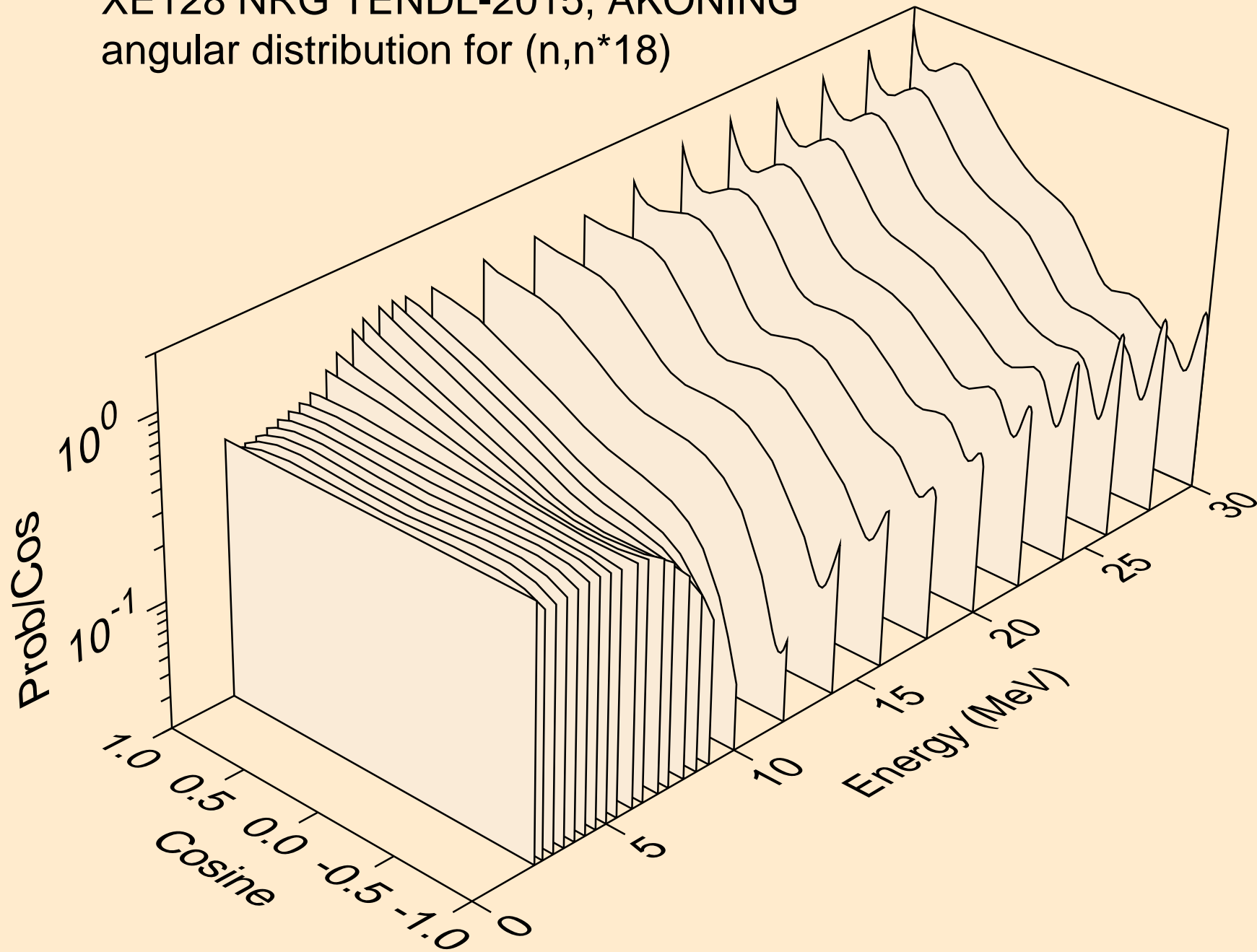
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



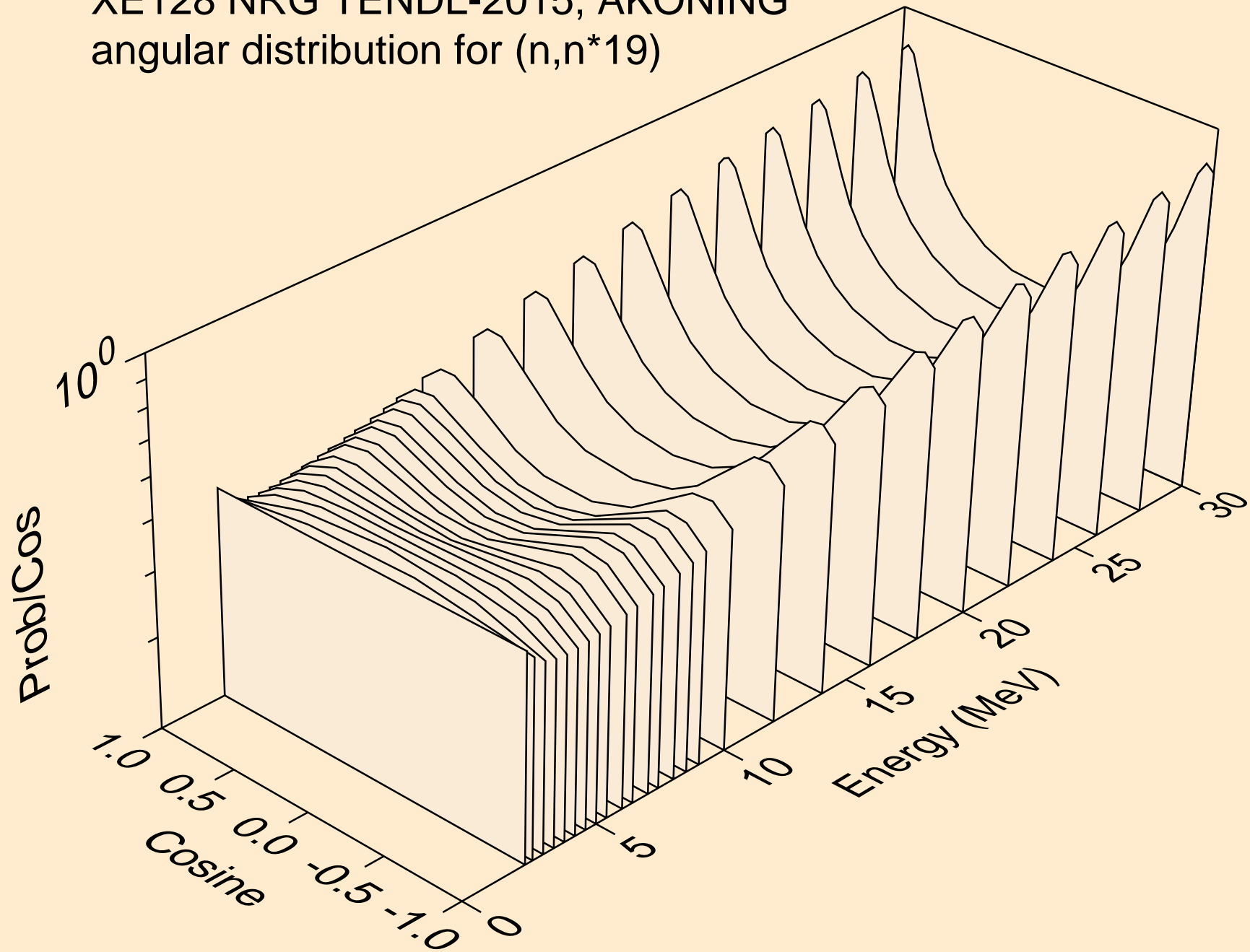
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



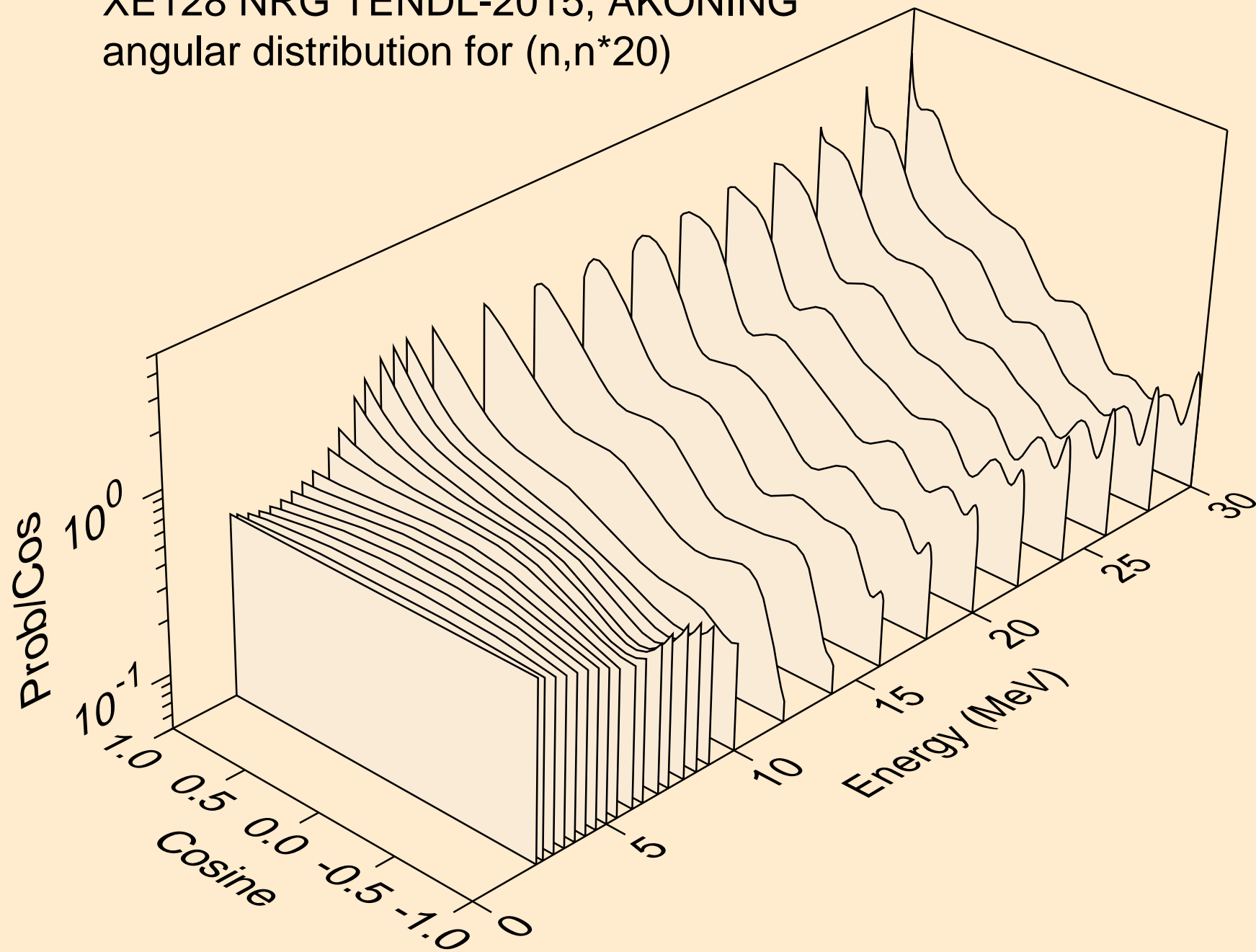
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



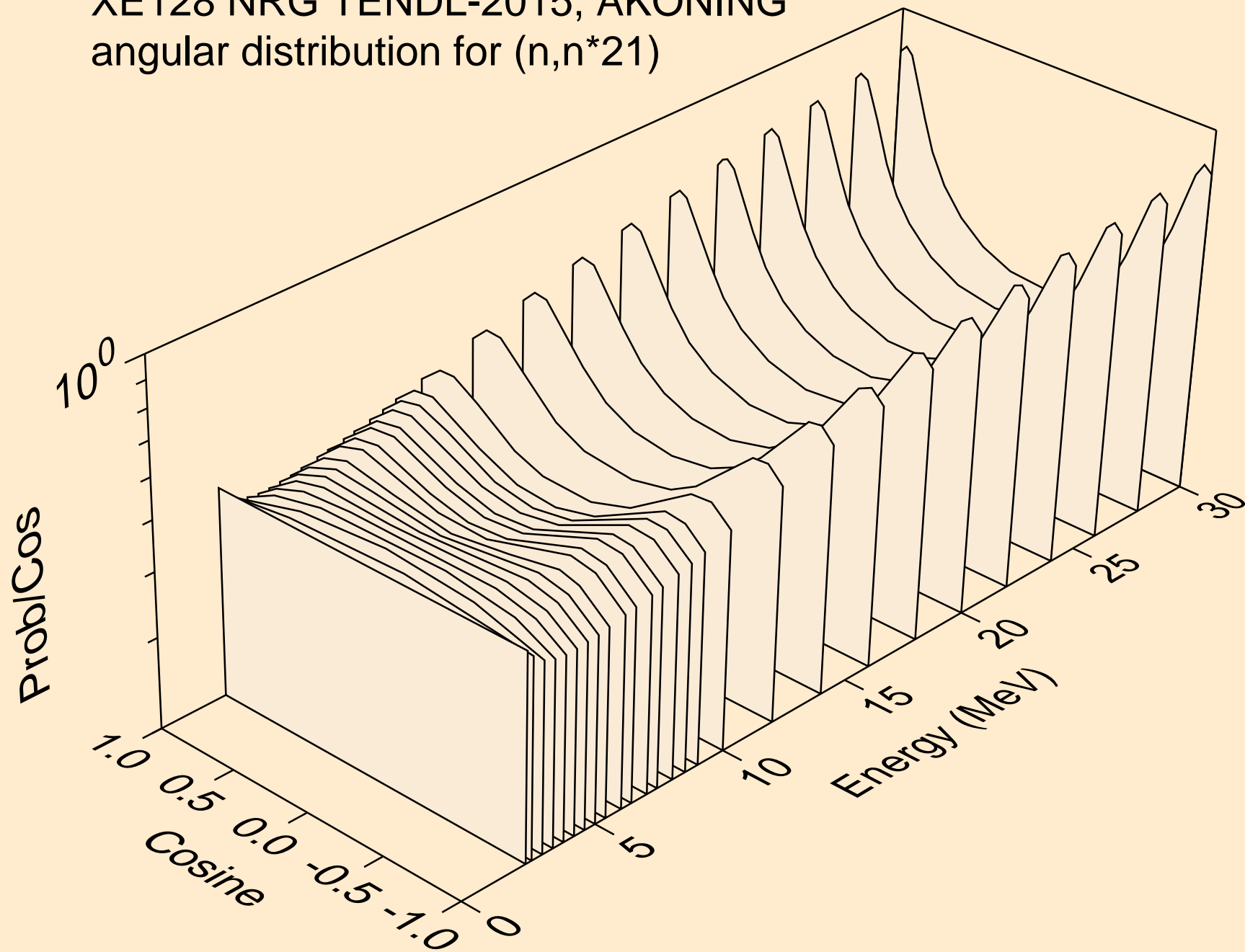
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



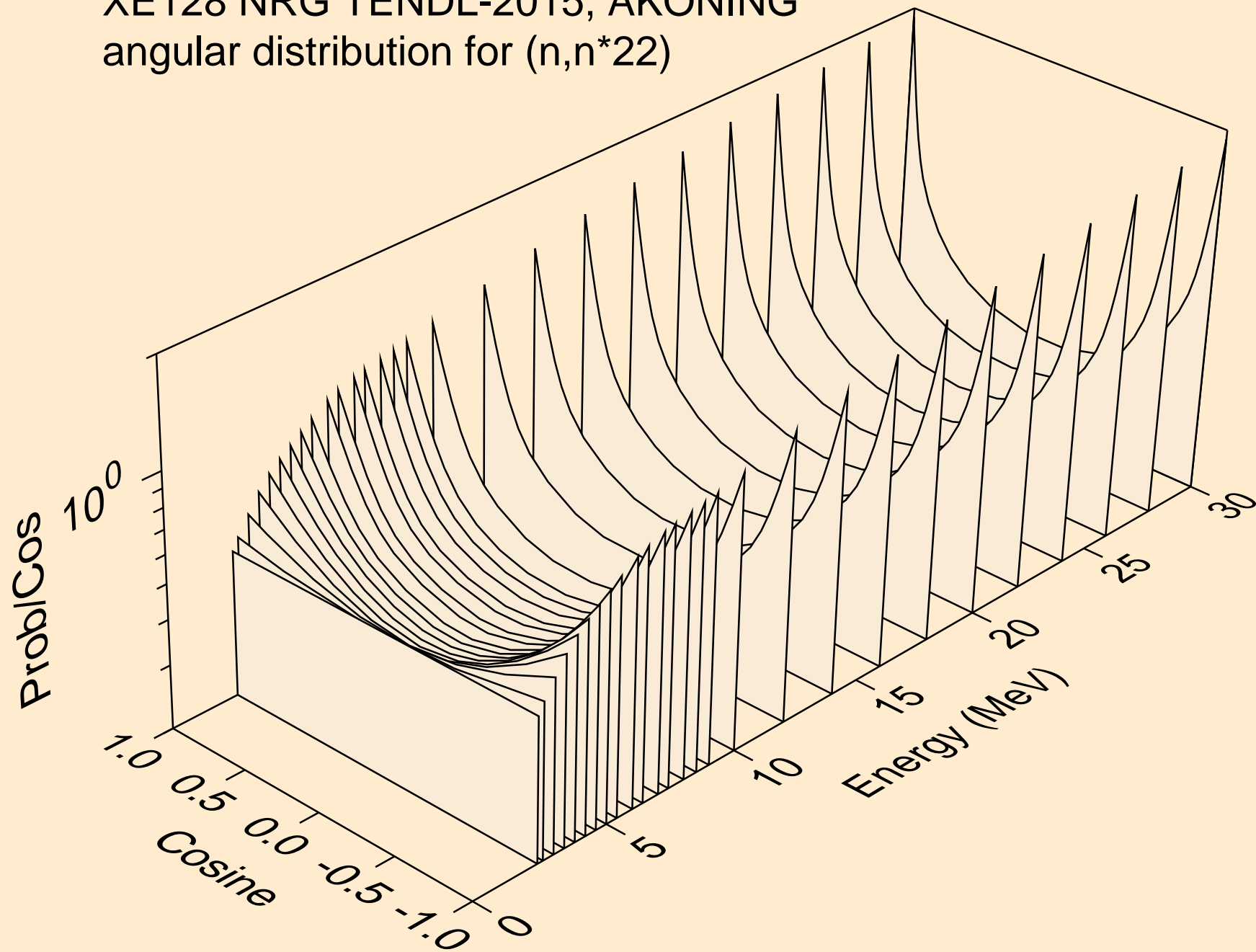
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

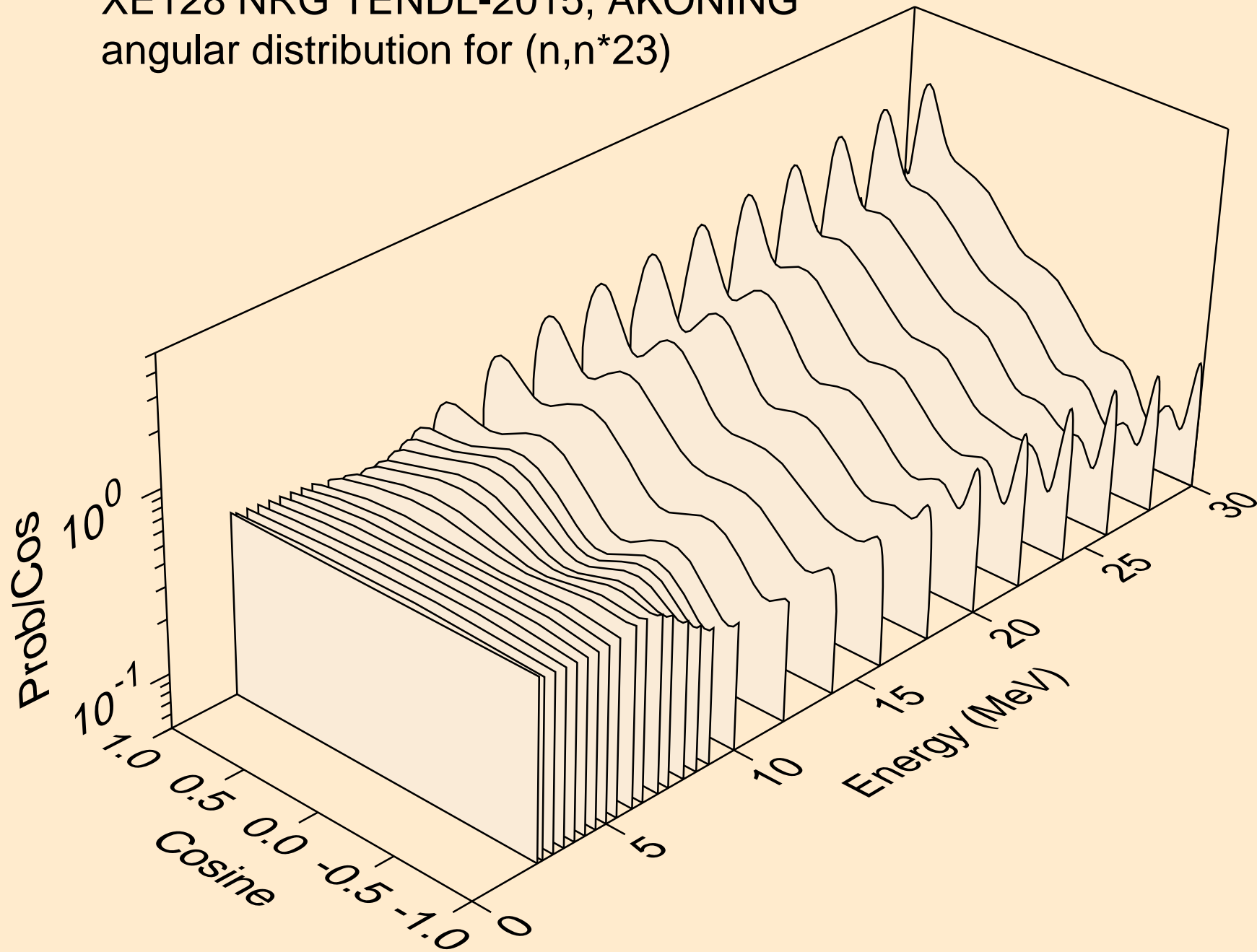


XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

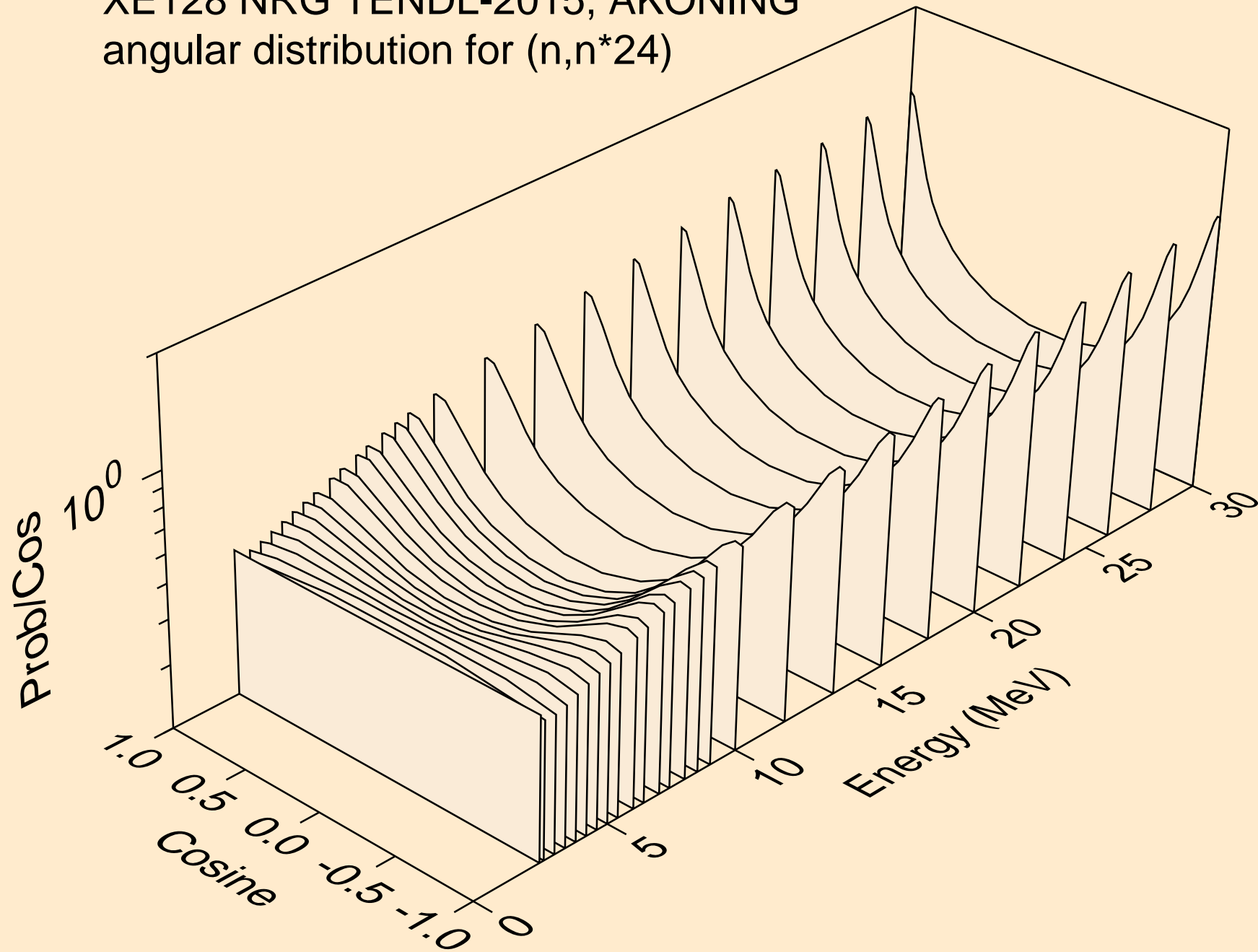




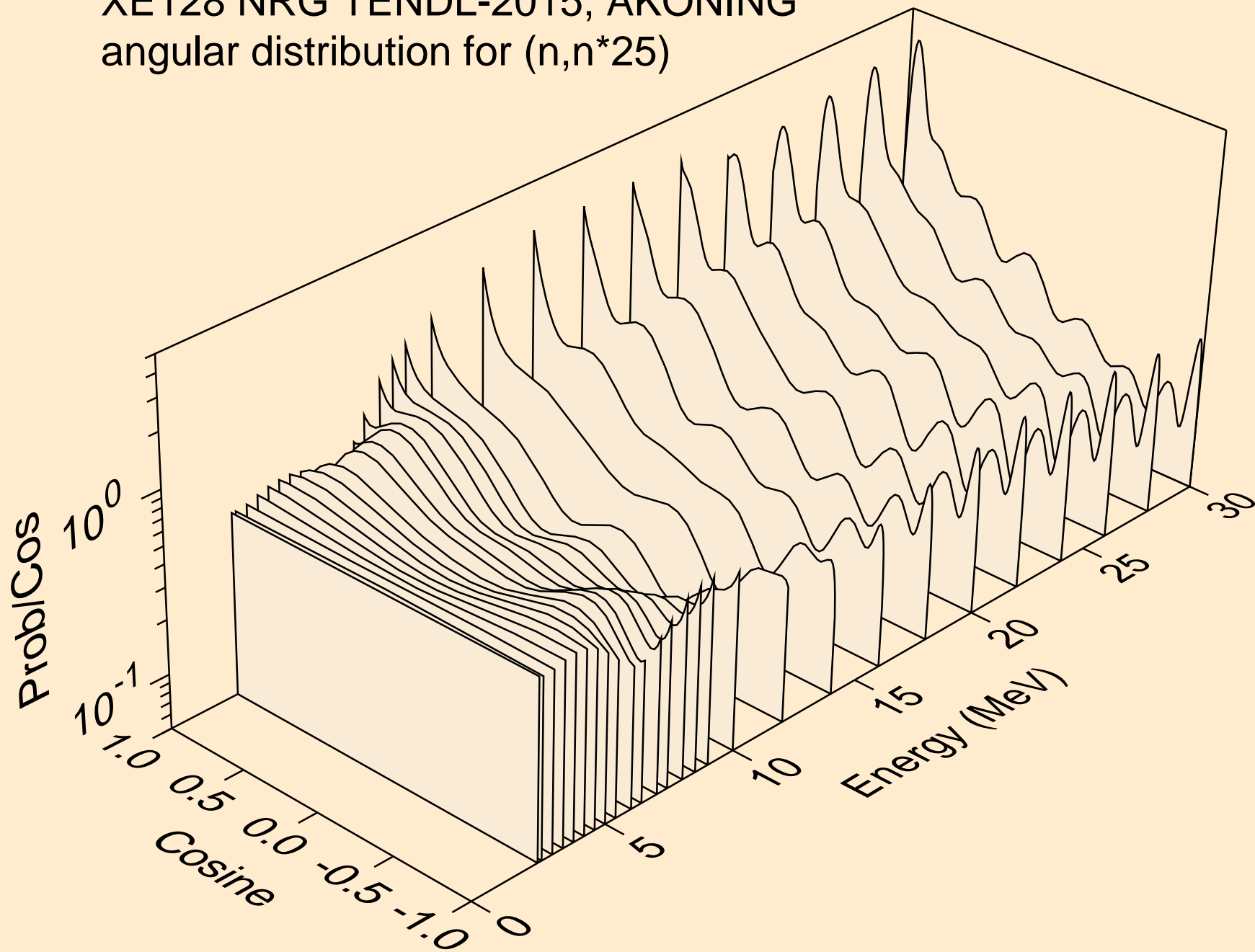
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



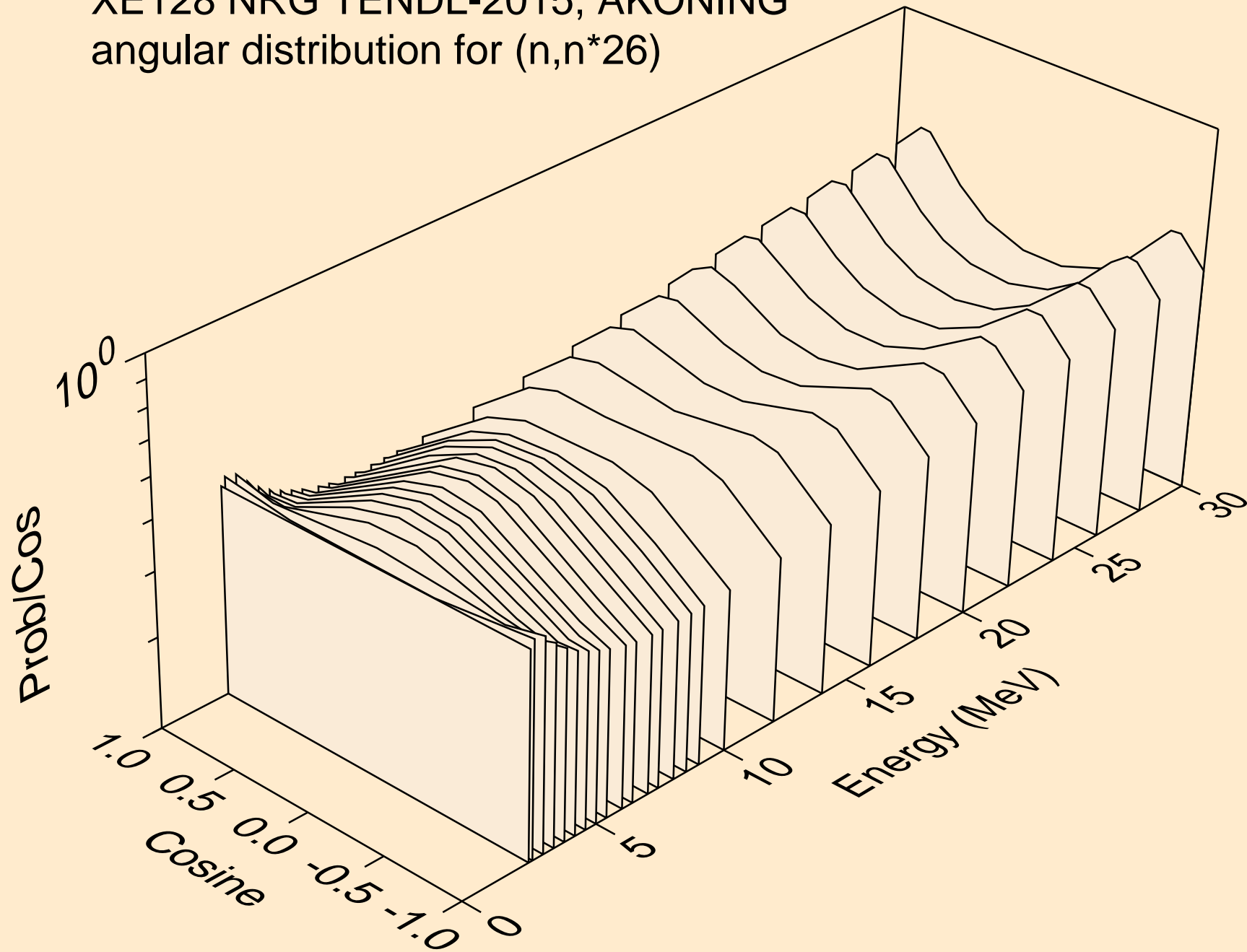
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



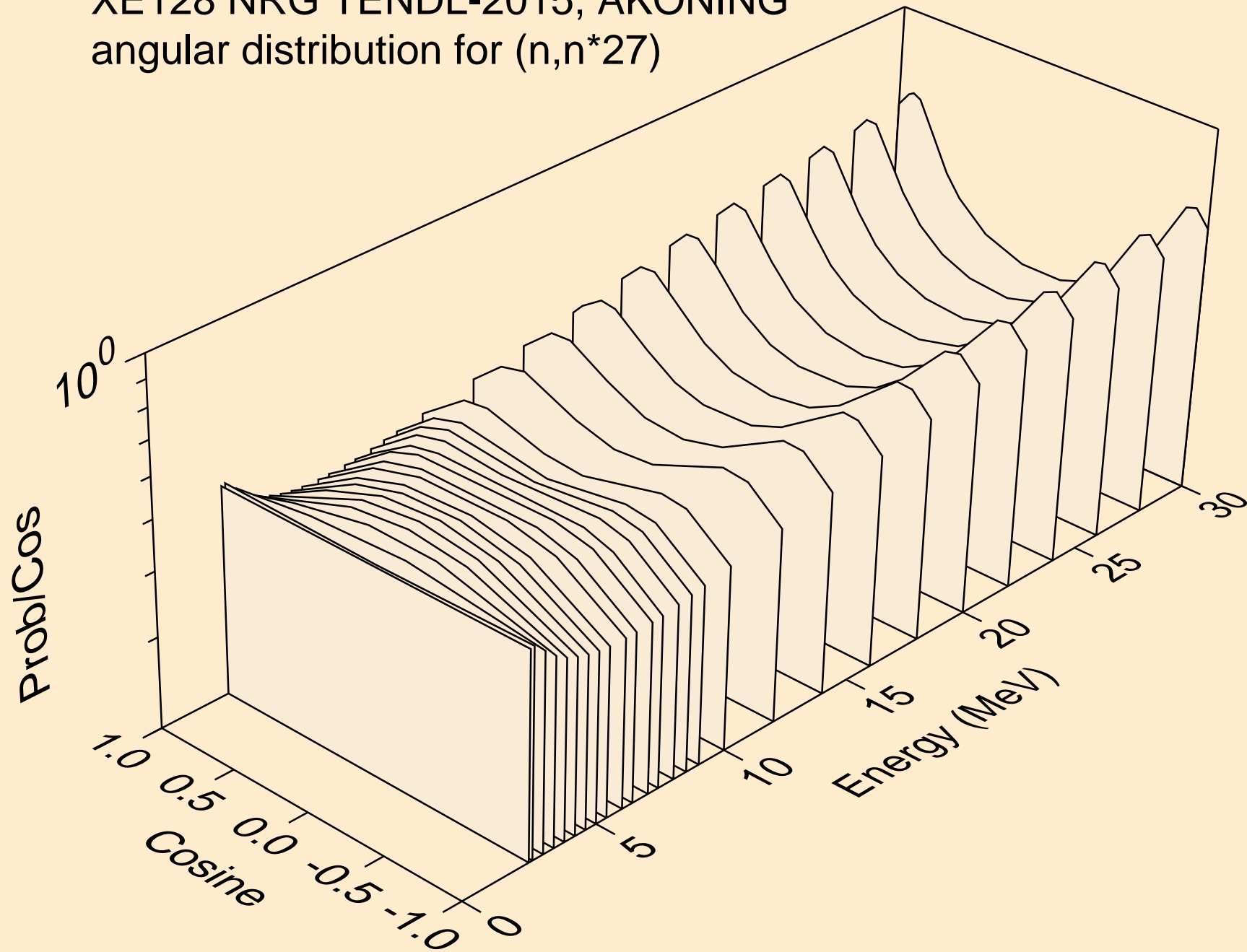
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



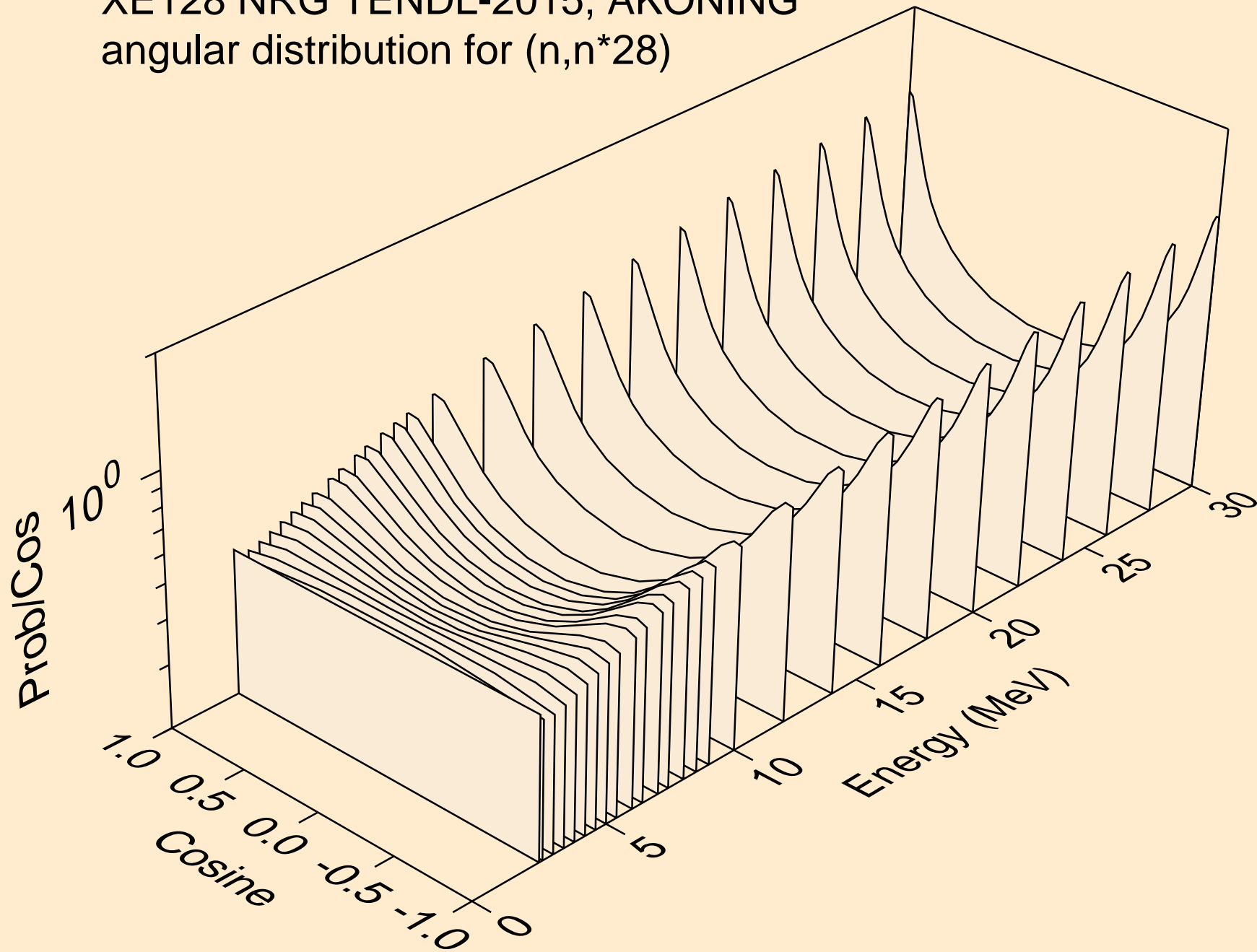
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



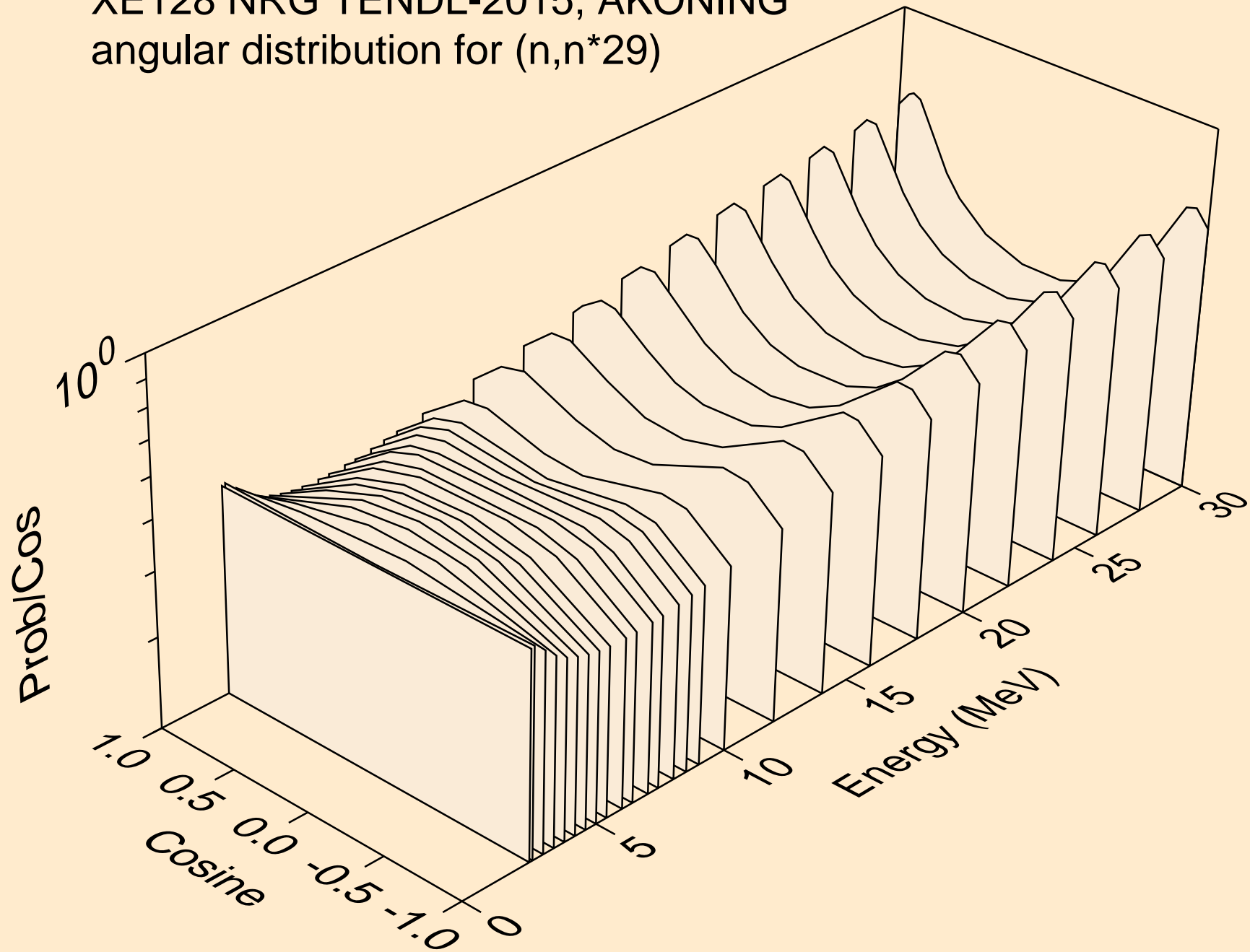
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



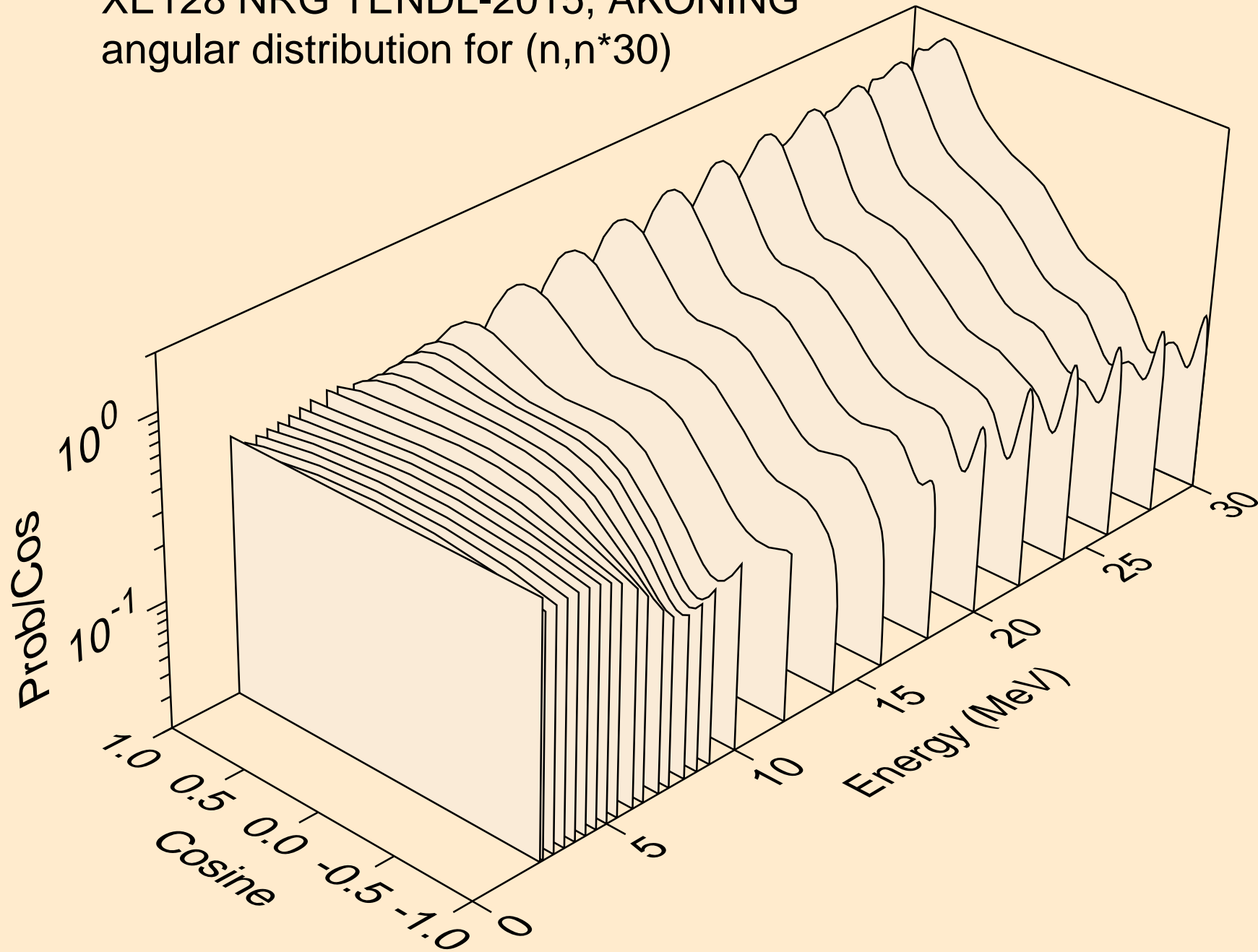
XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

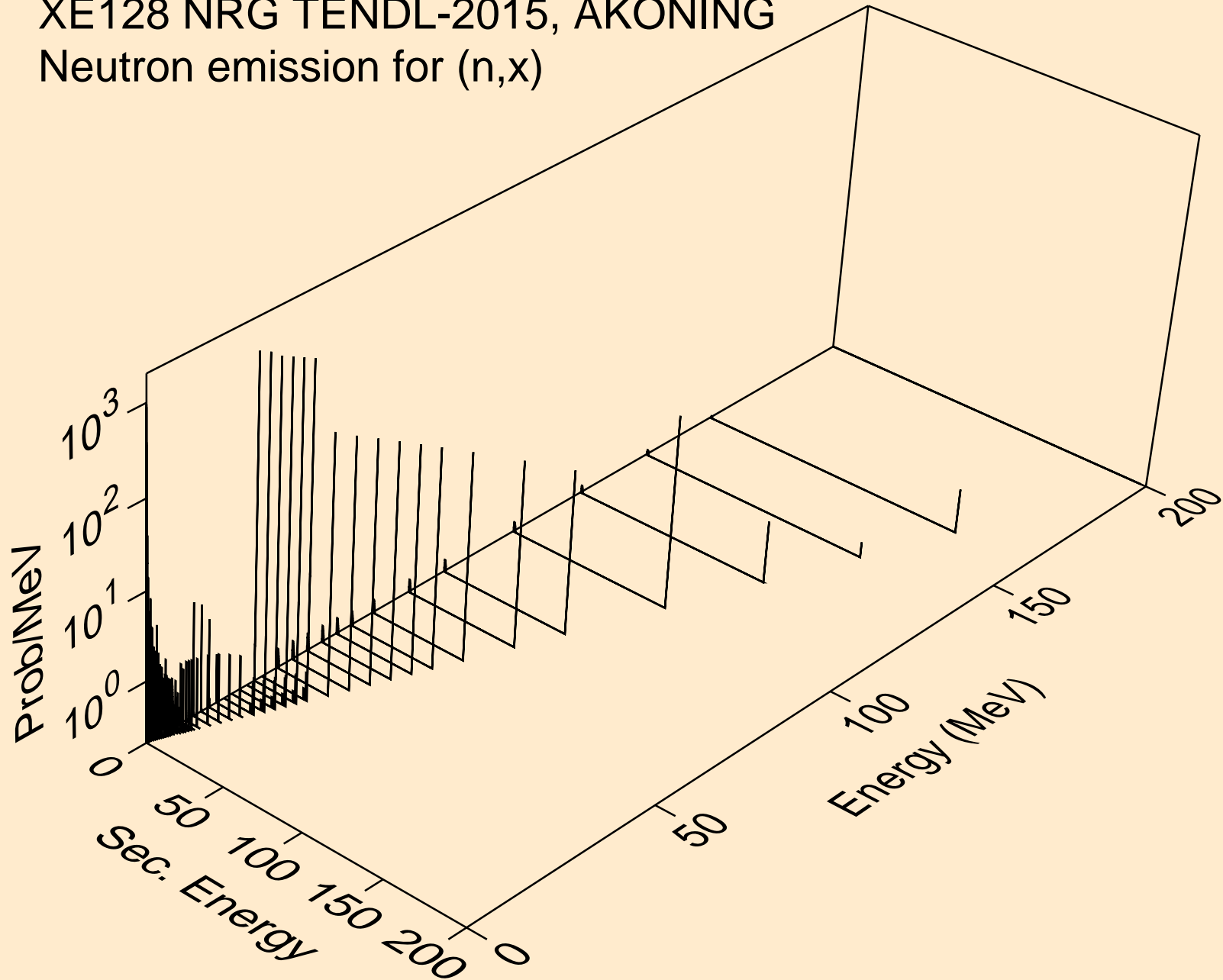


XE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

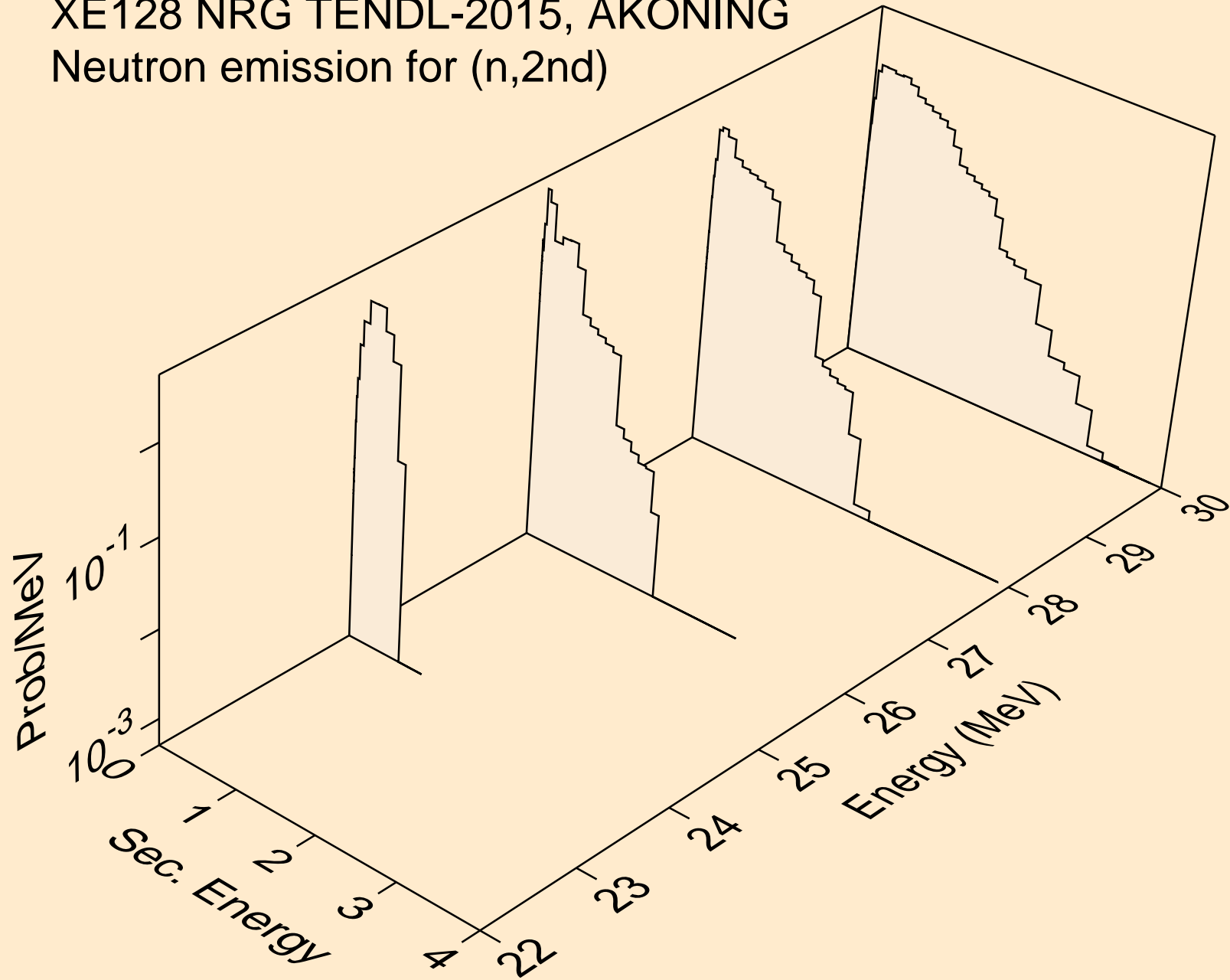




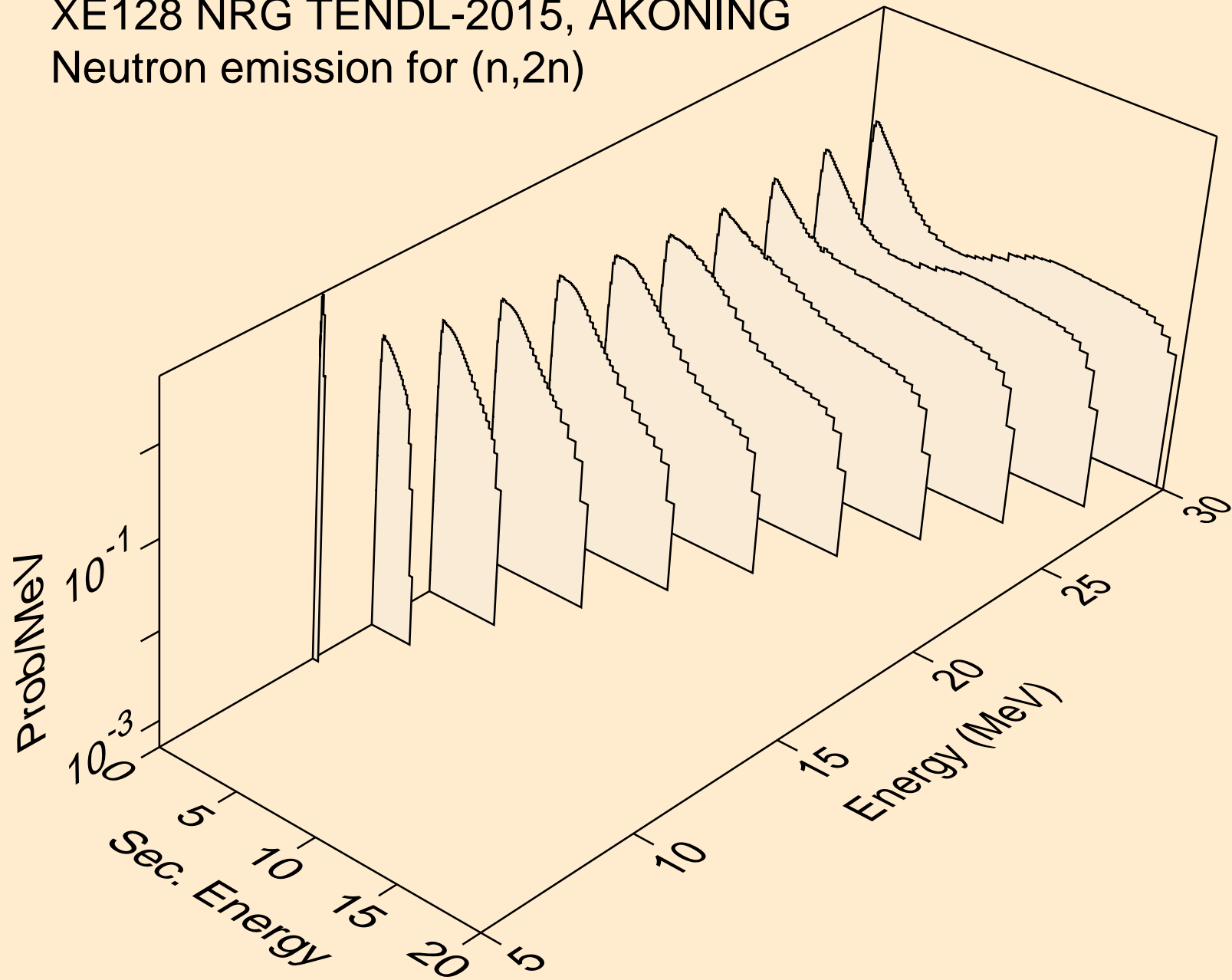
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



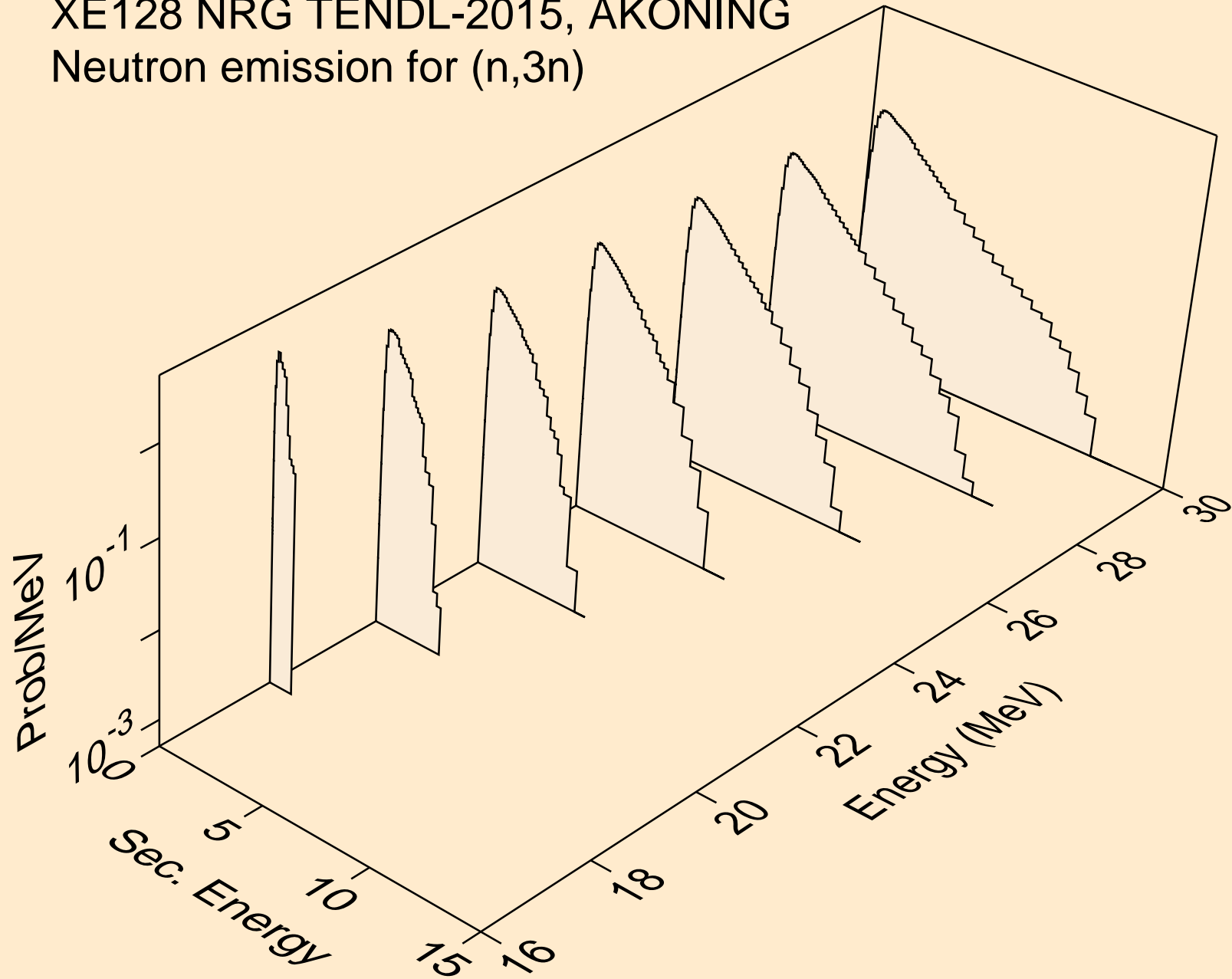
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



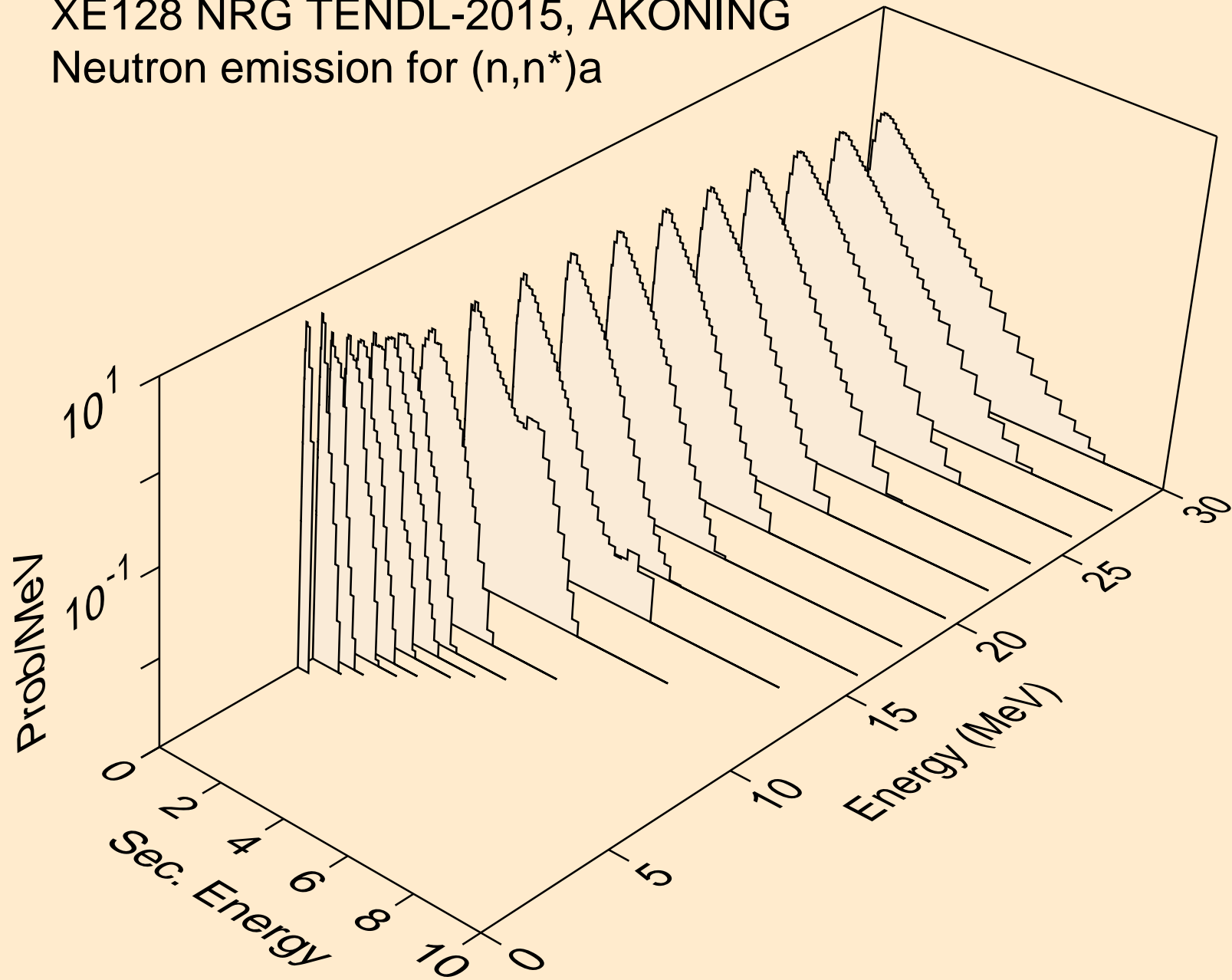
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



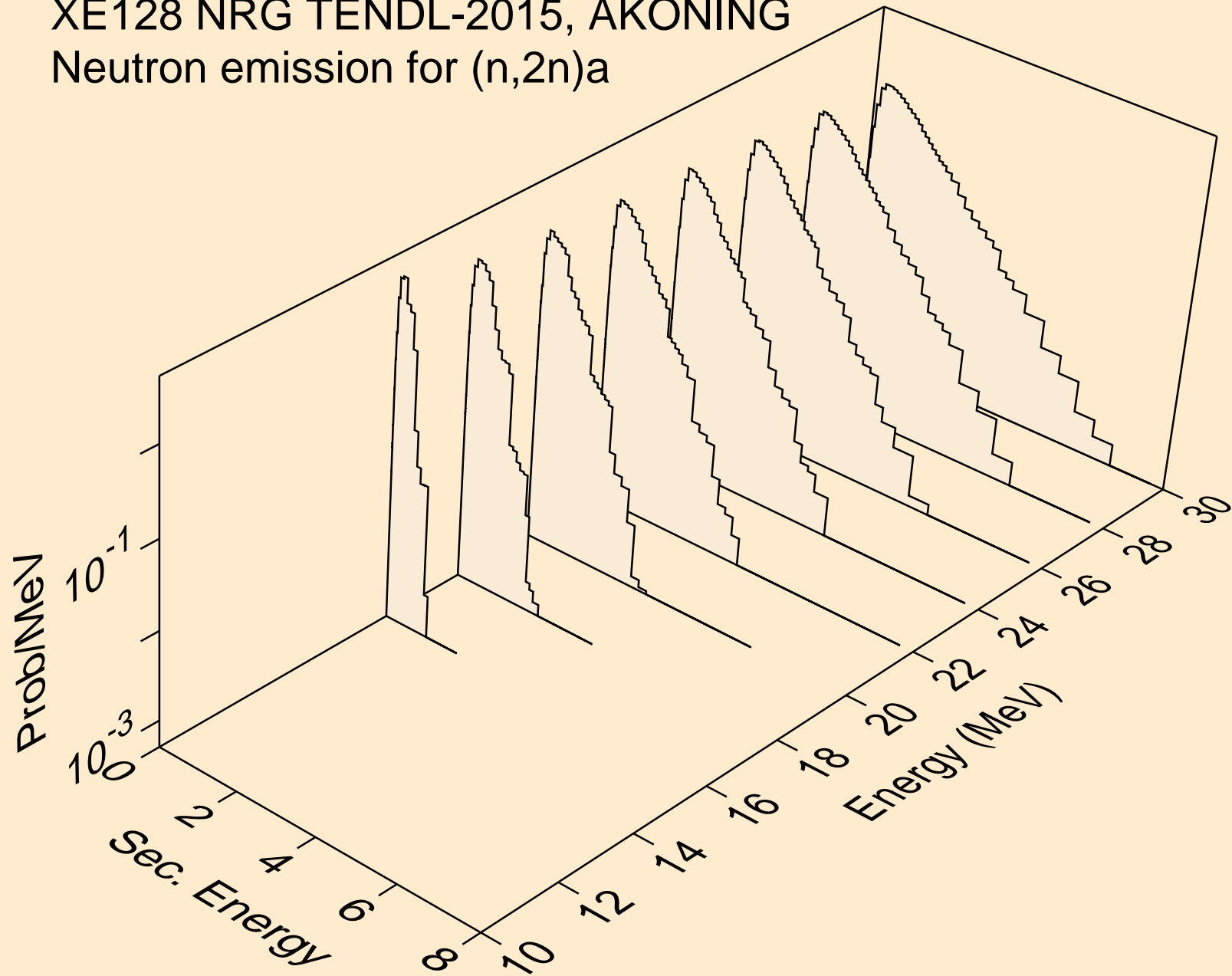
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



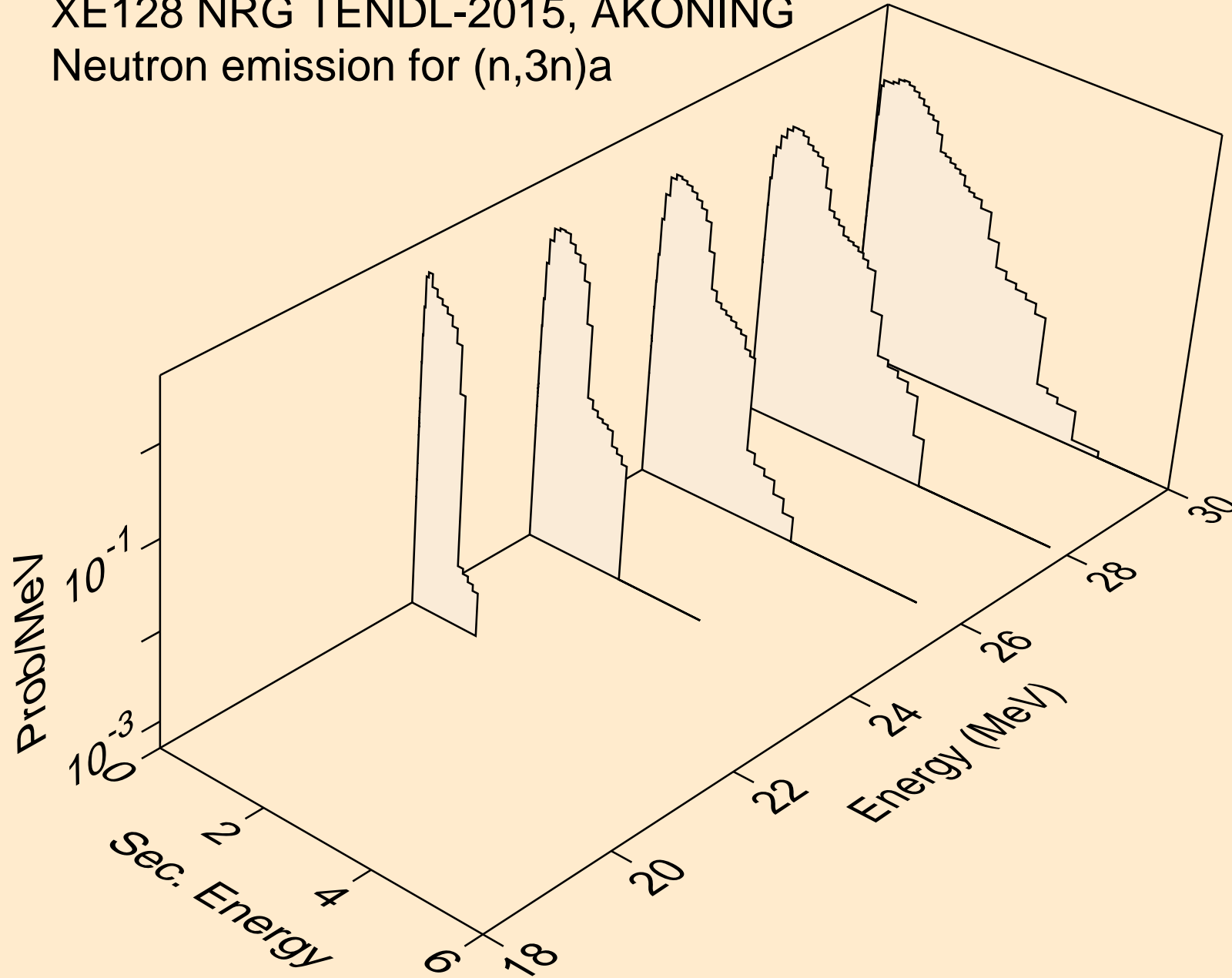
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



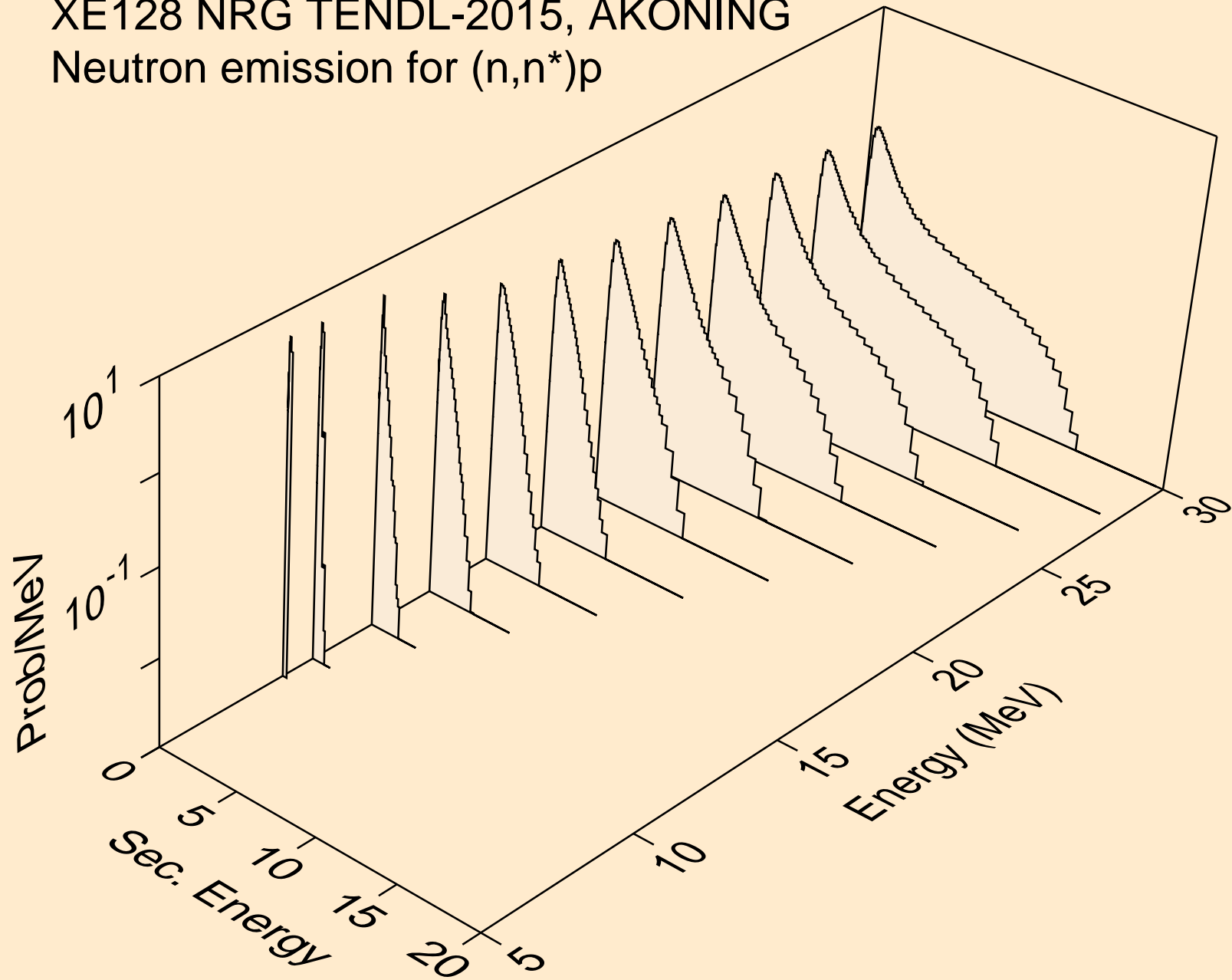
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

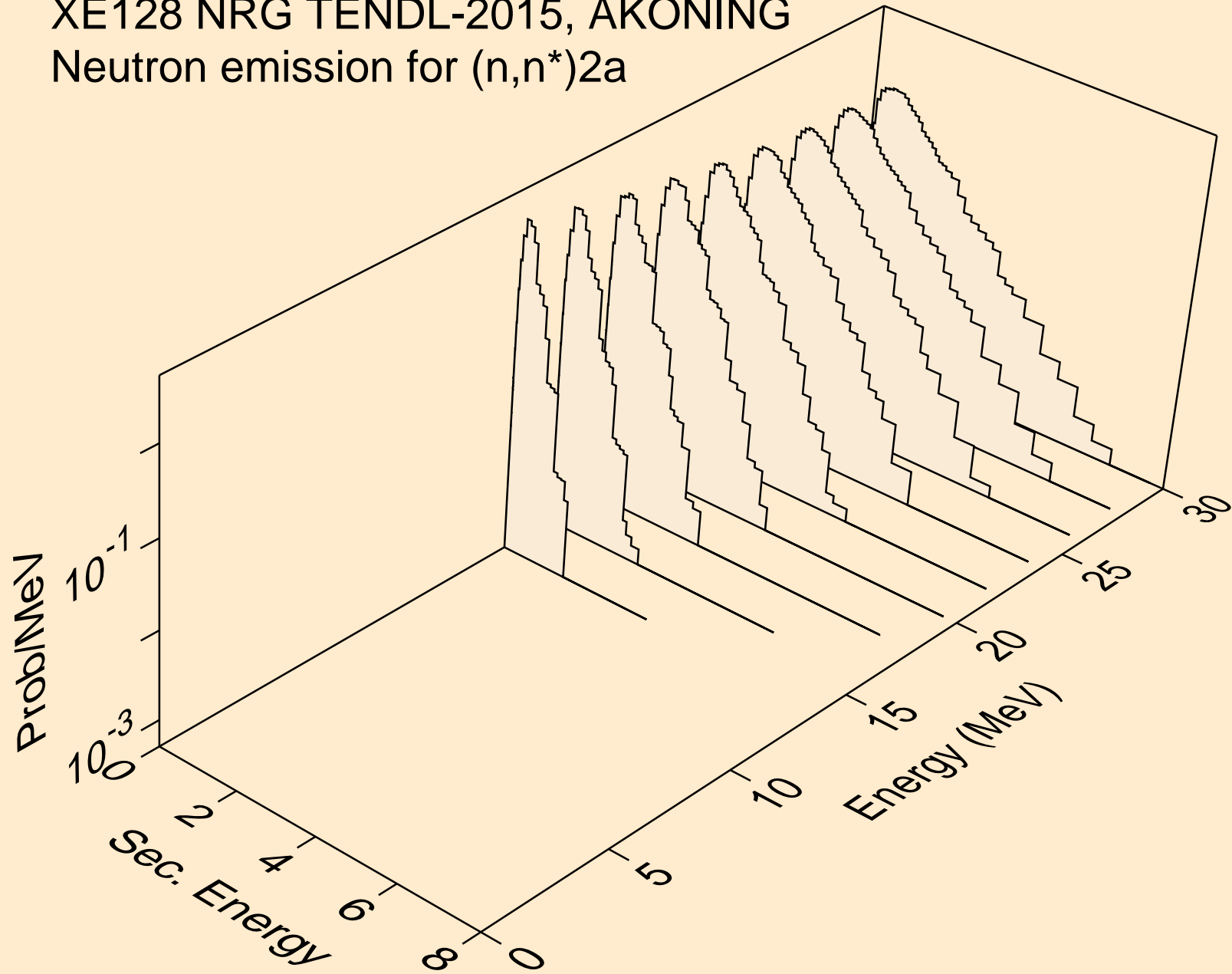


XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

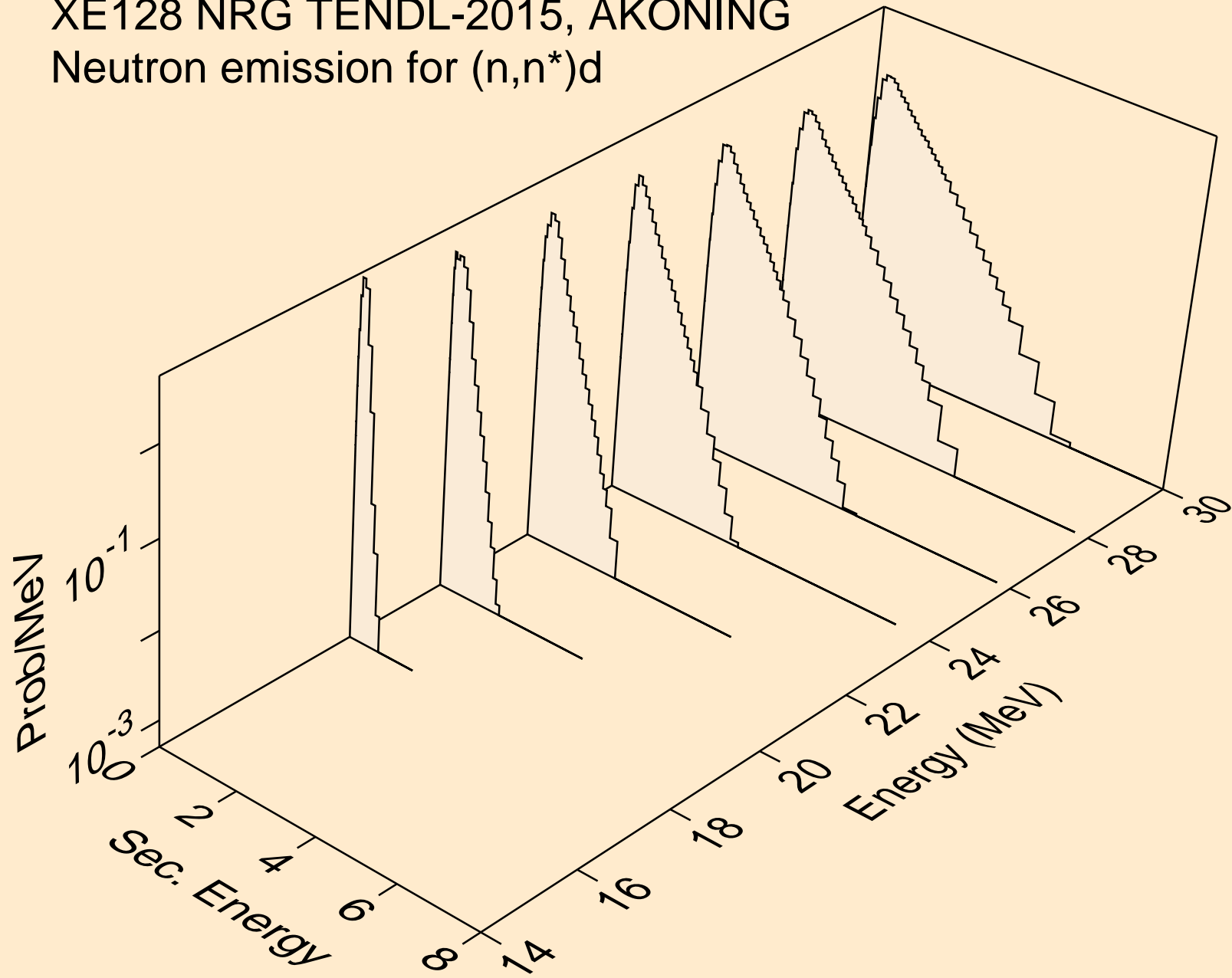




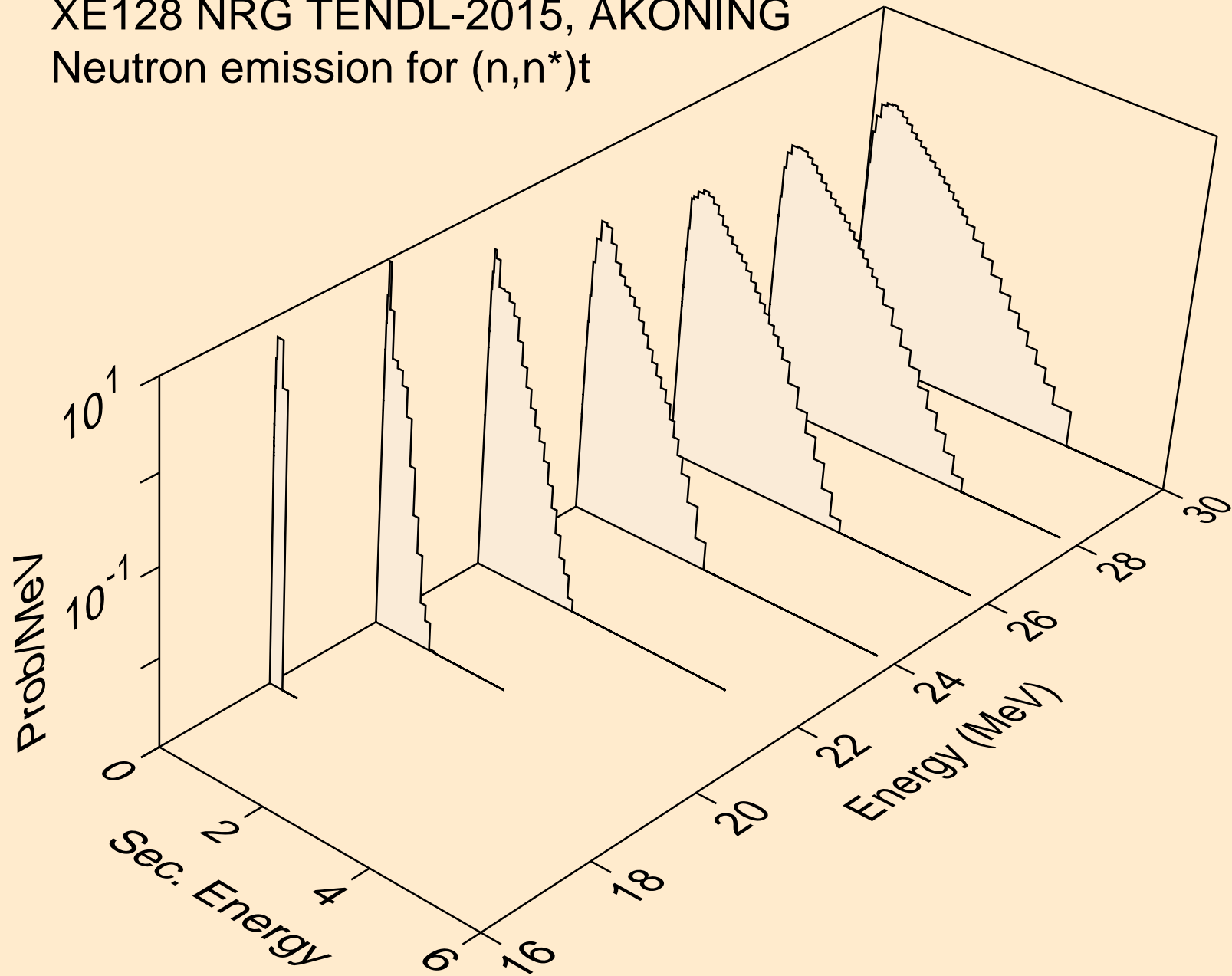
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



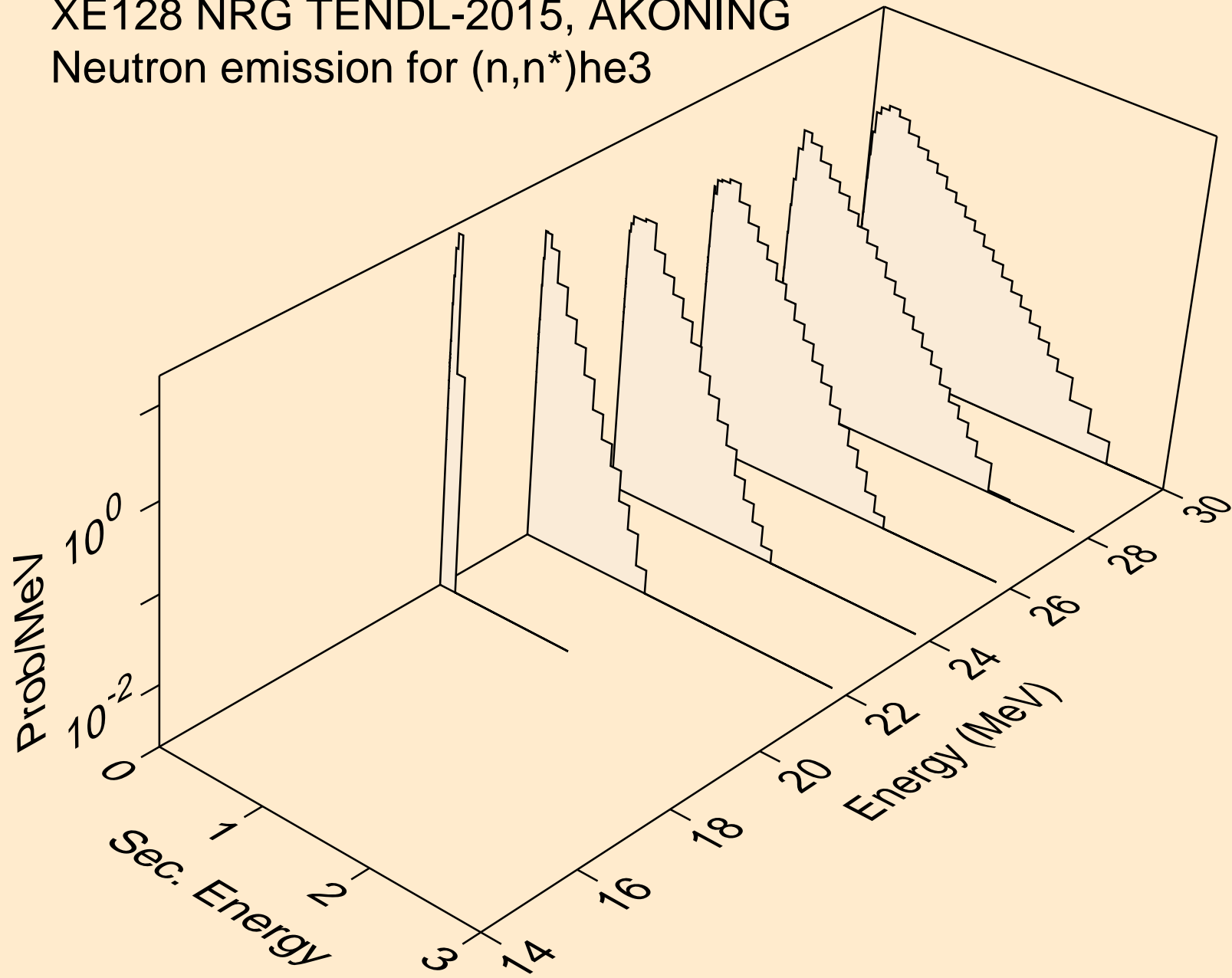
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



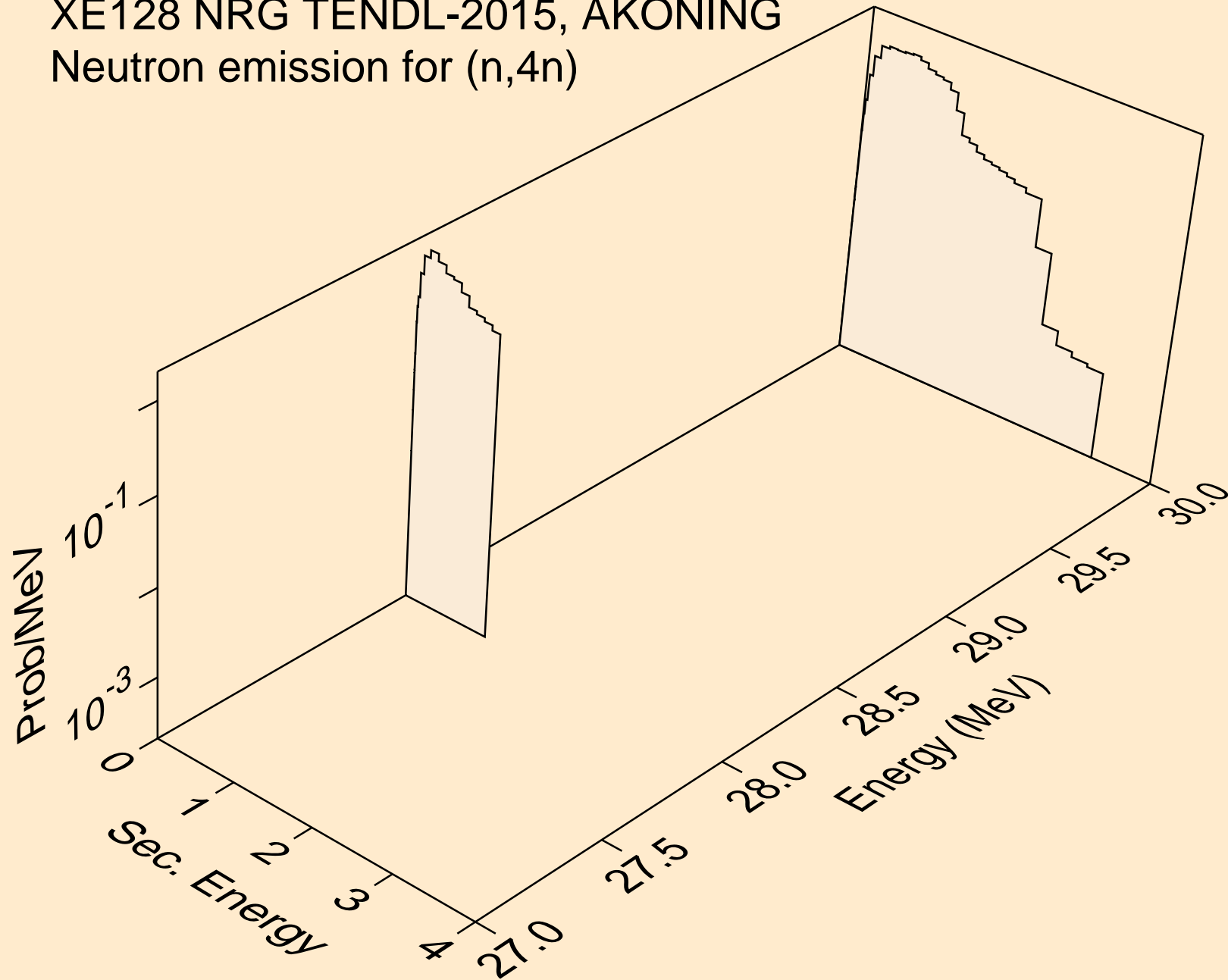
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



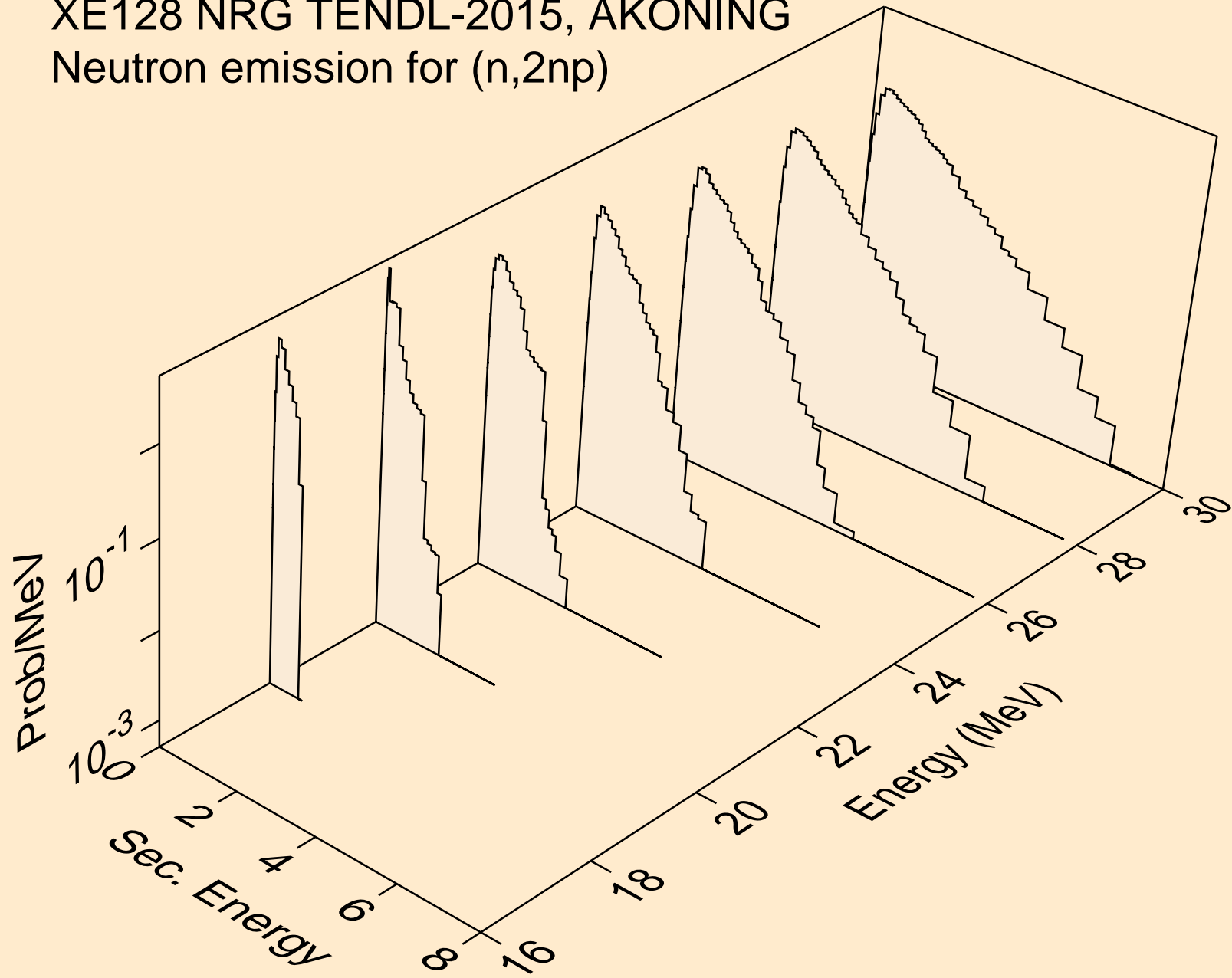
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



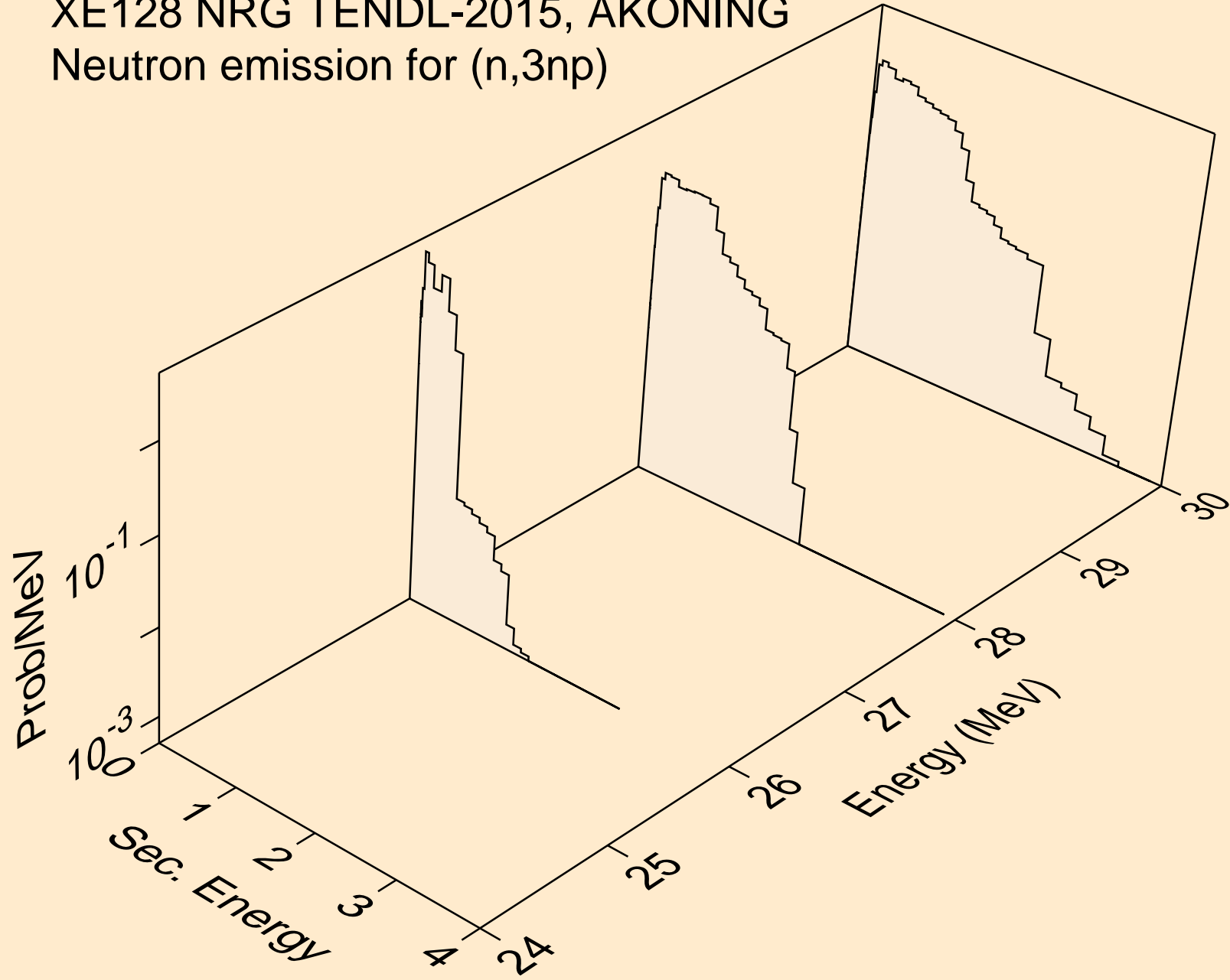
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



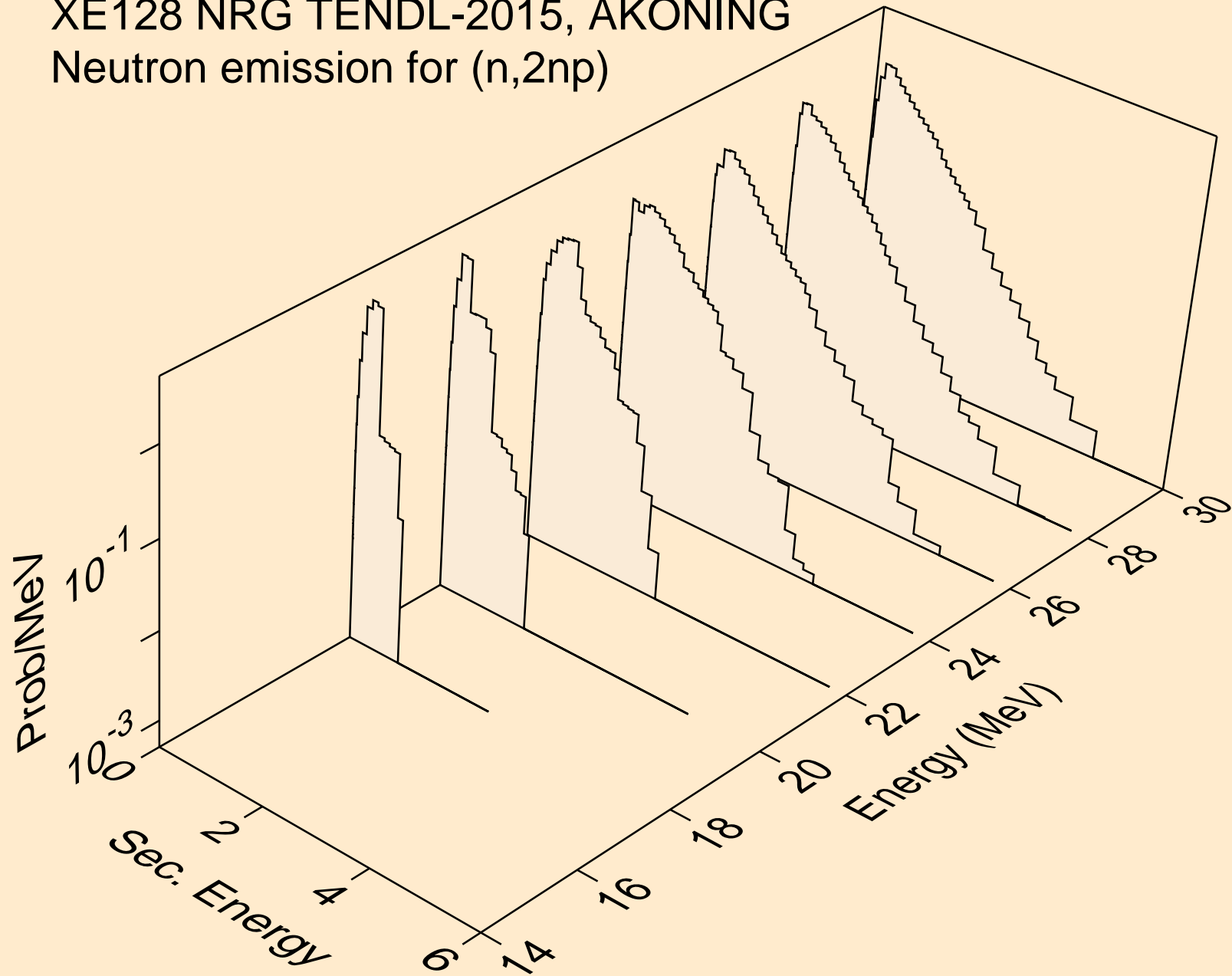
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

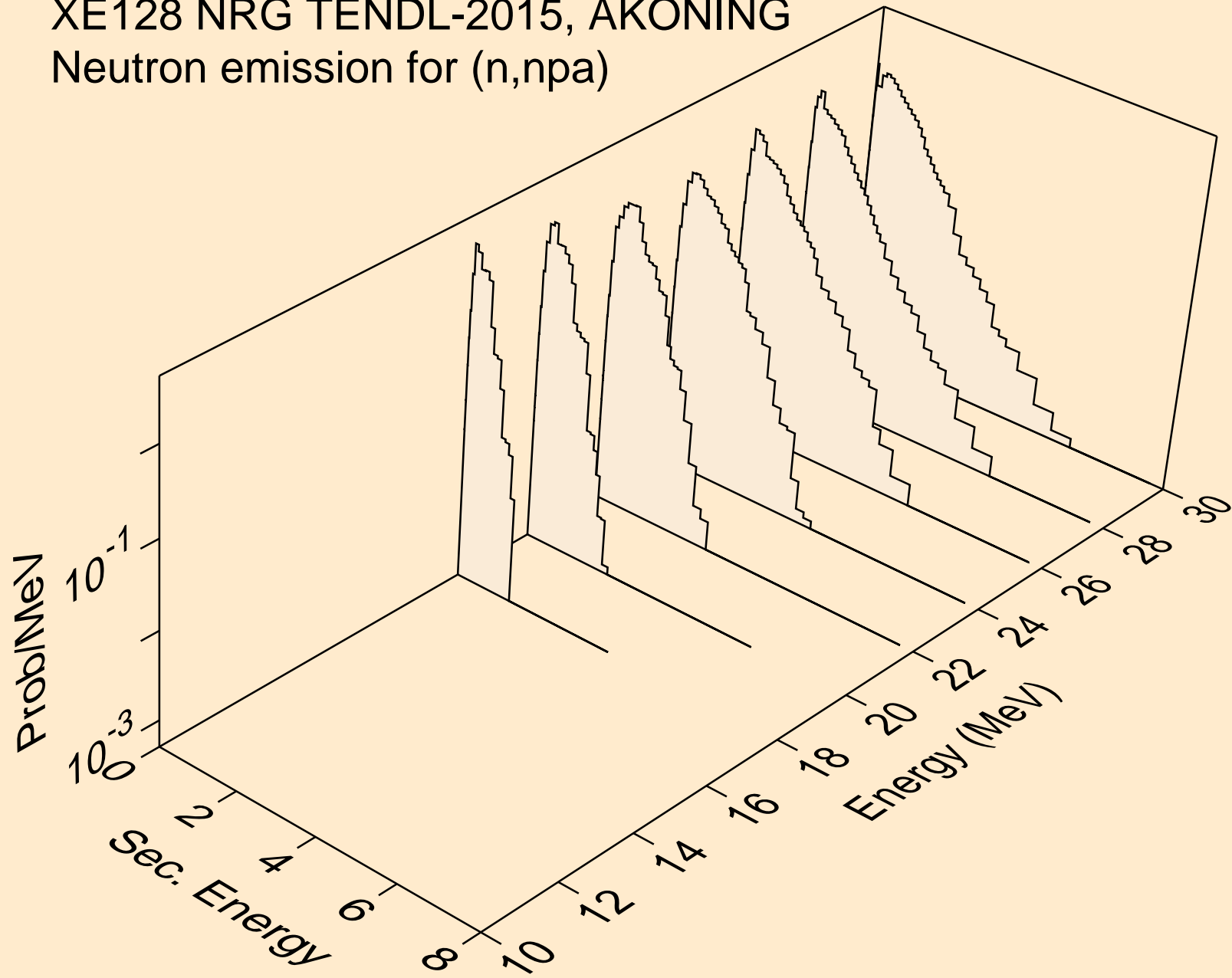


XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

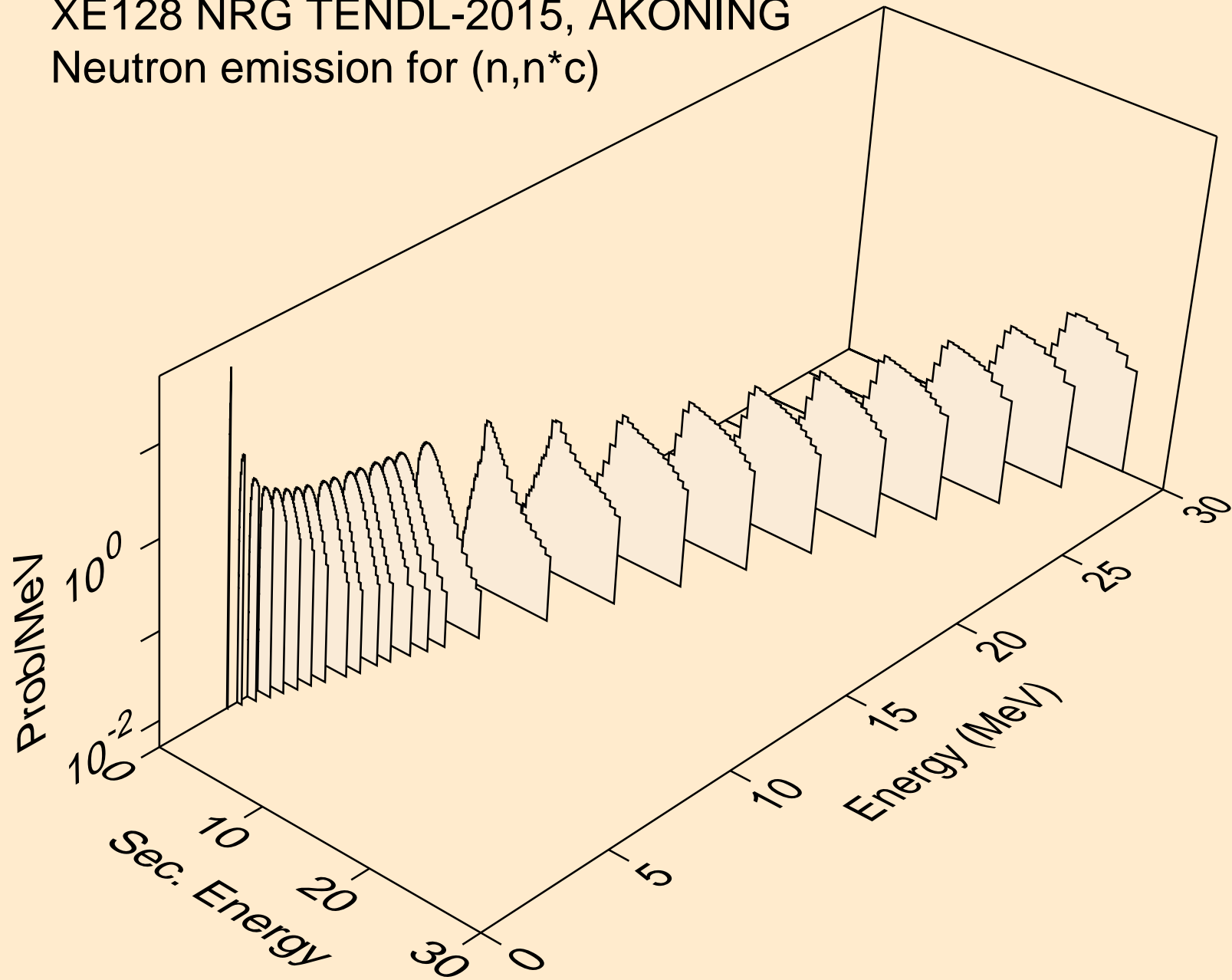




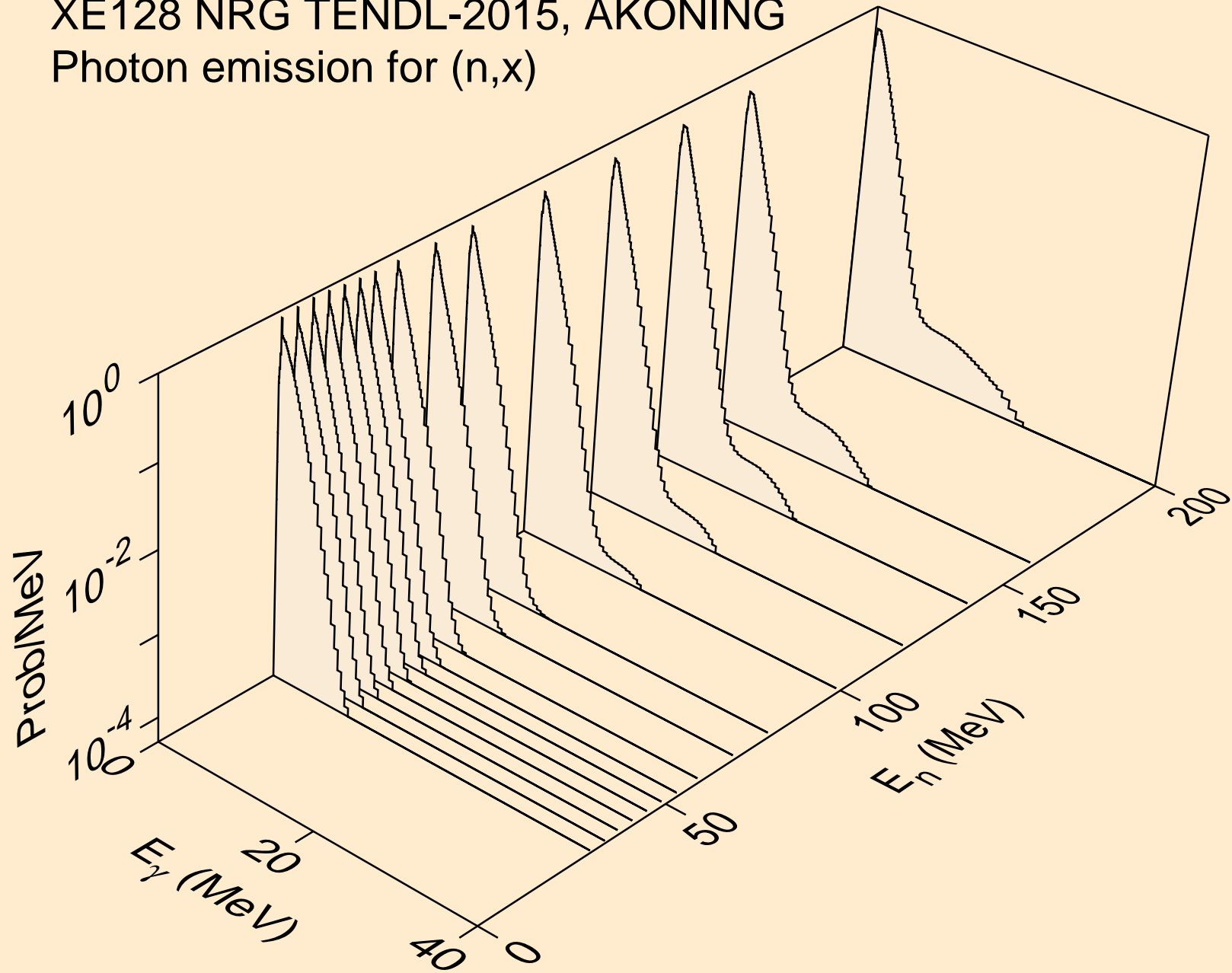
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



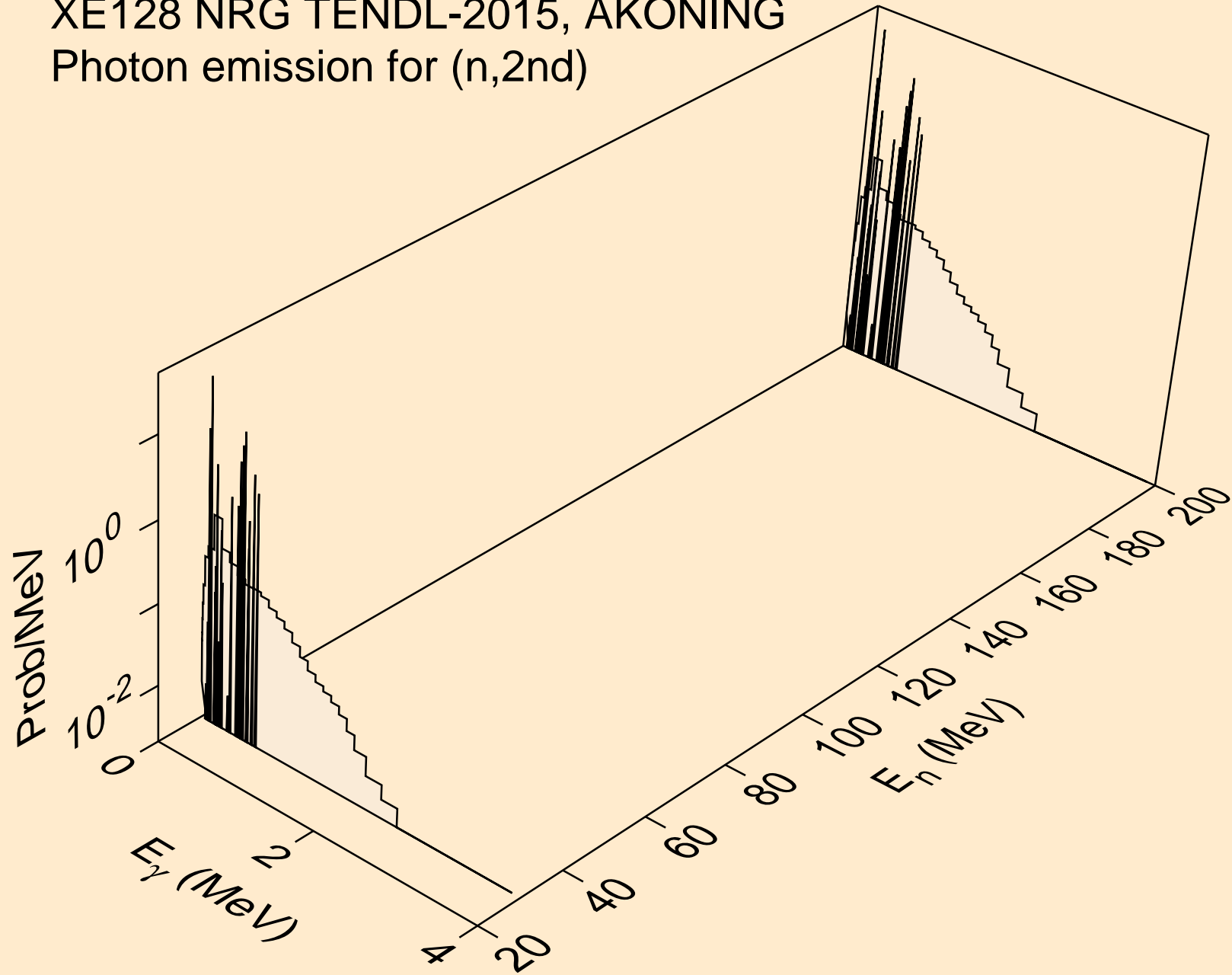
XE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



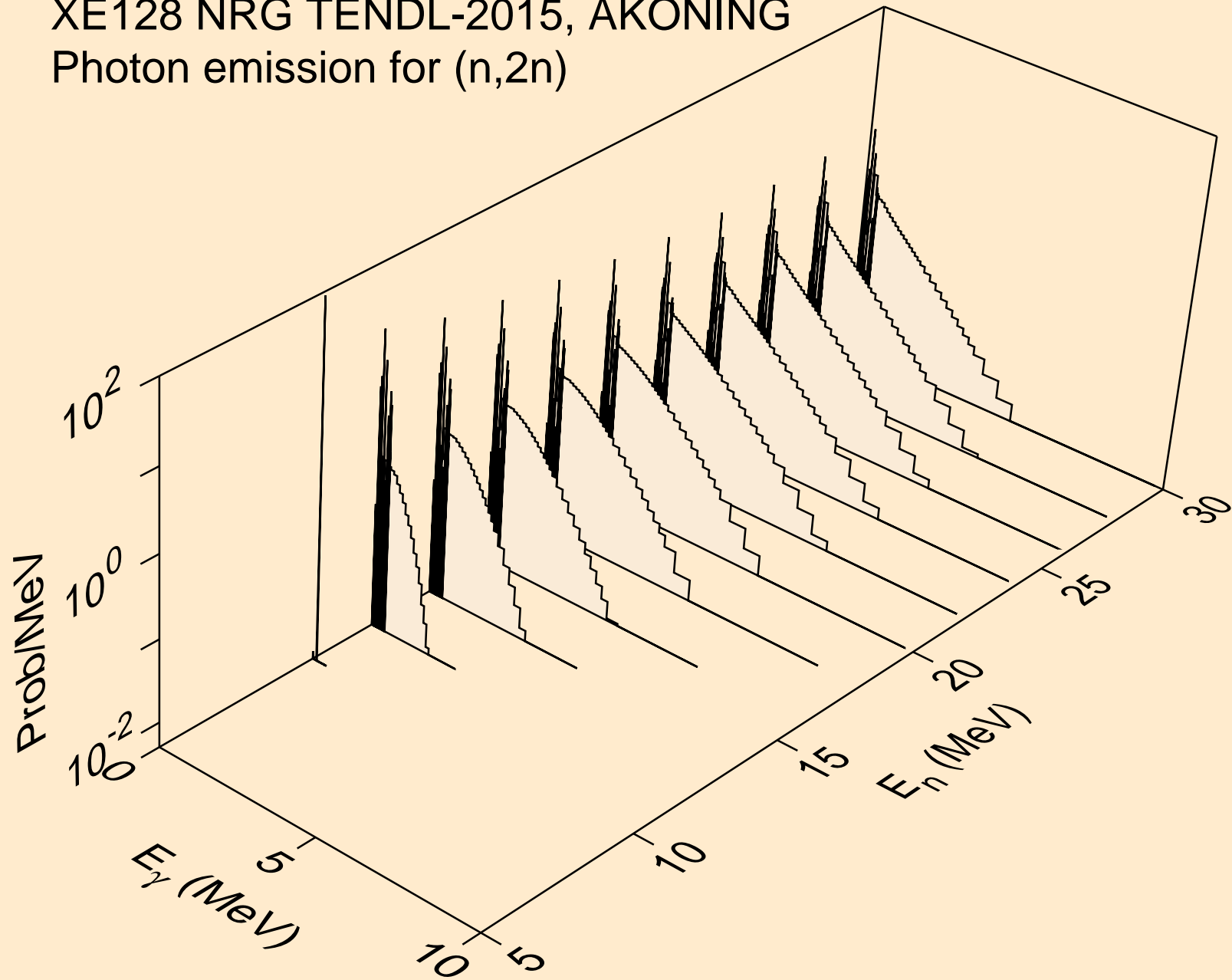
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



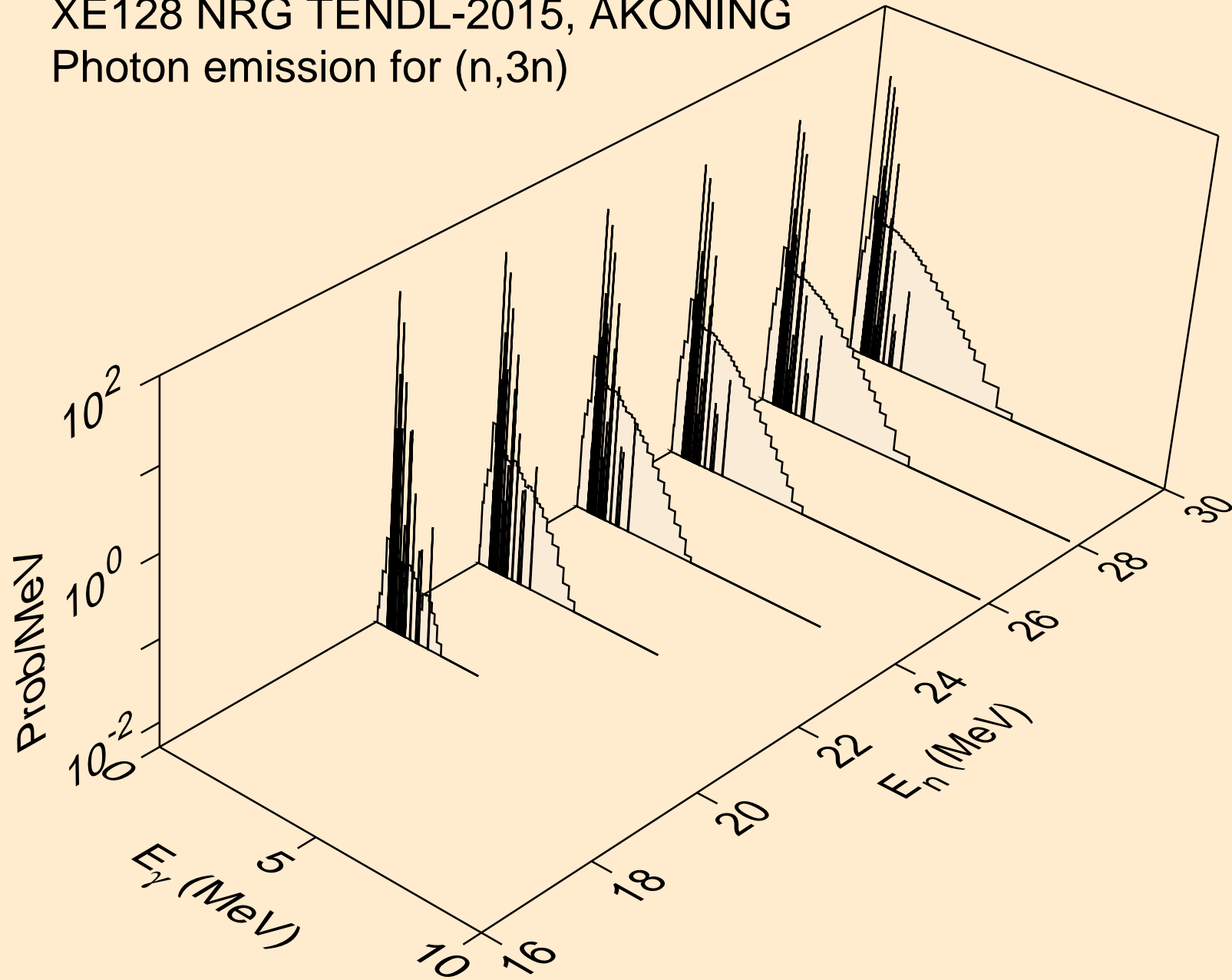
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



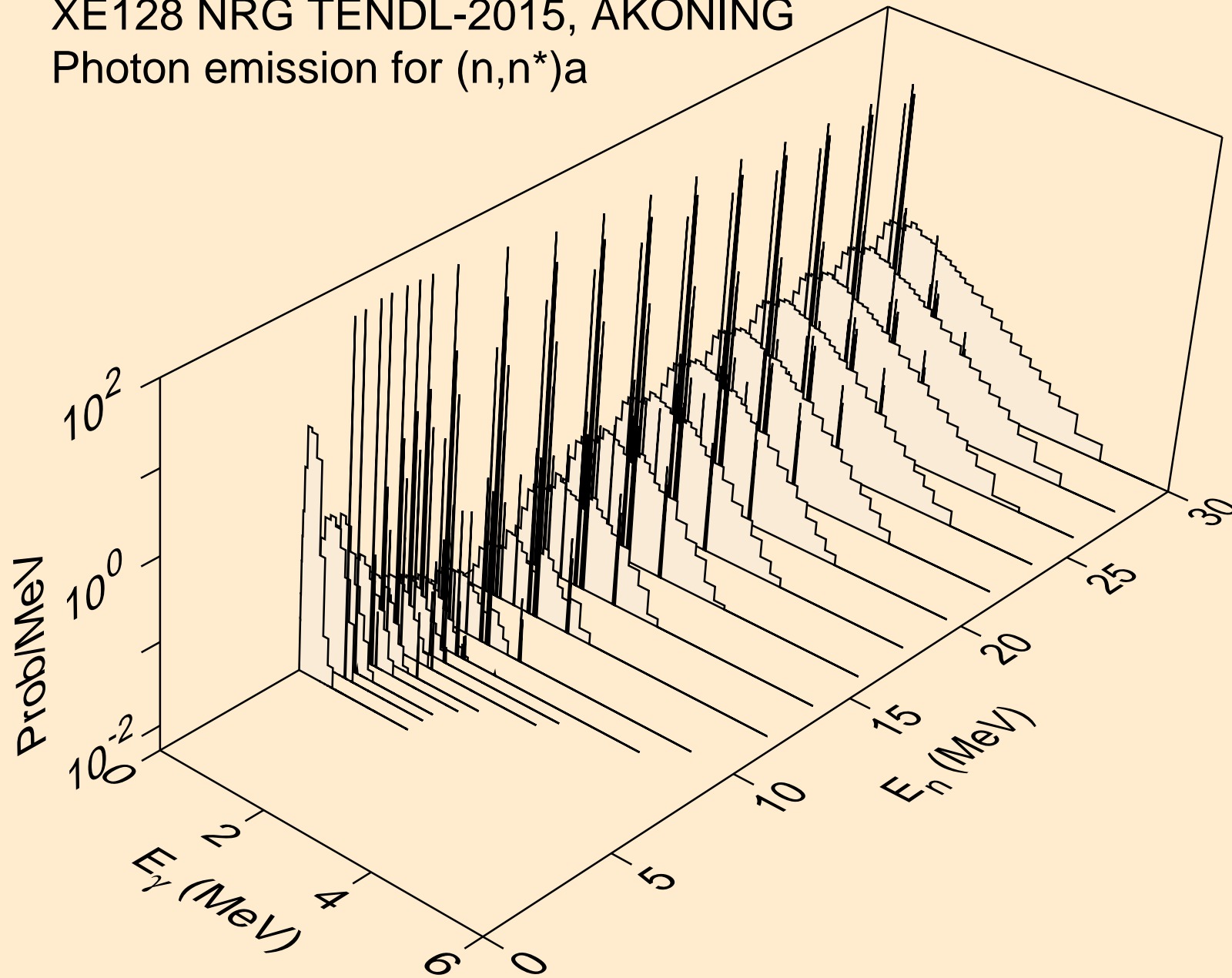
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



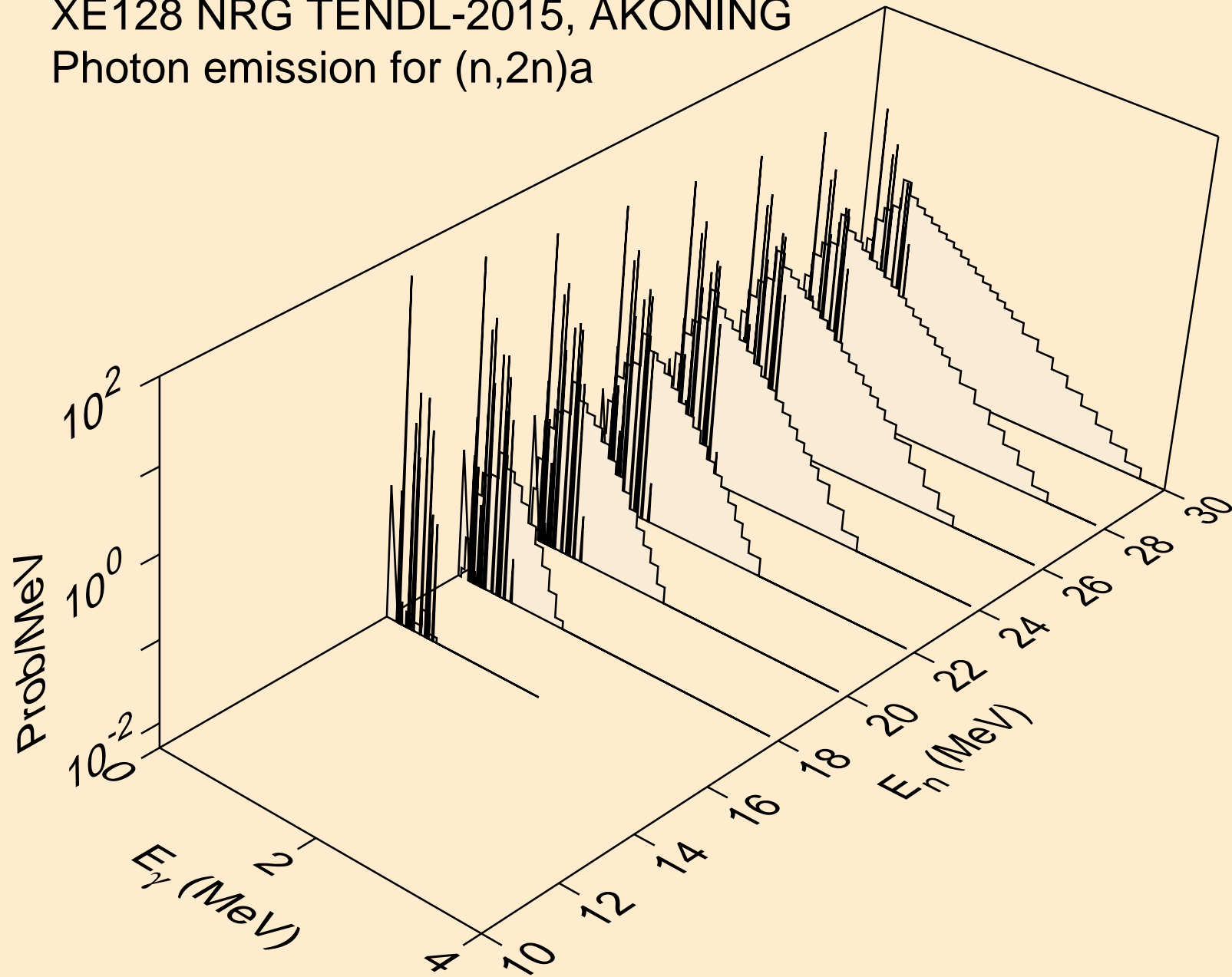
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

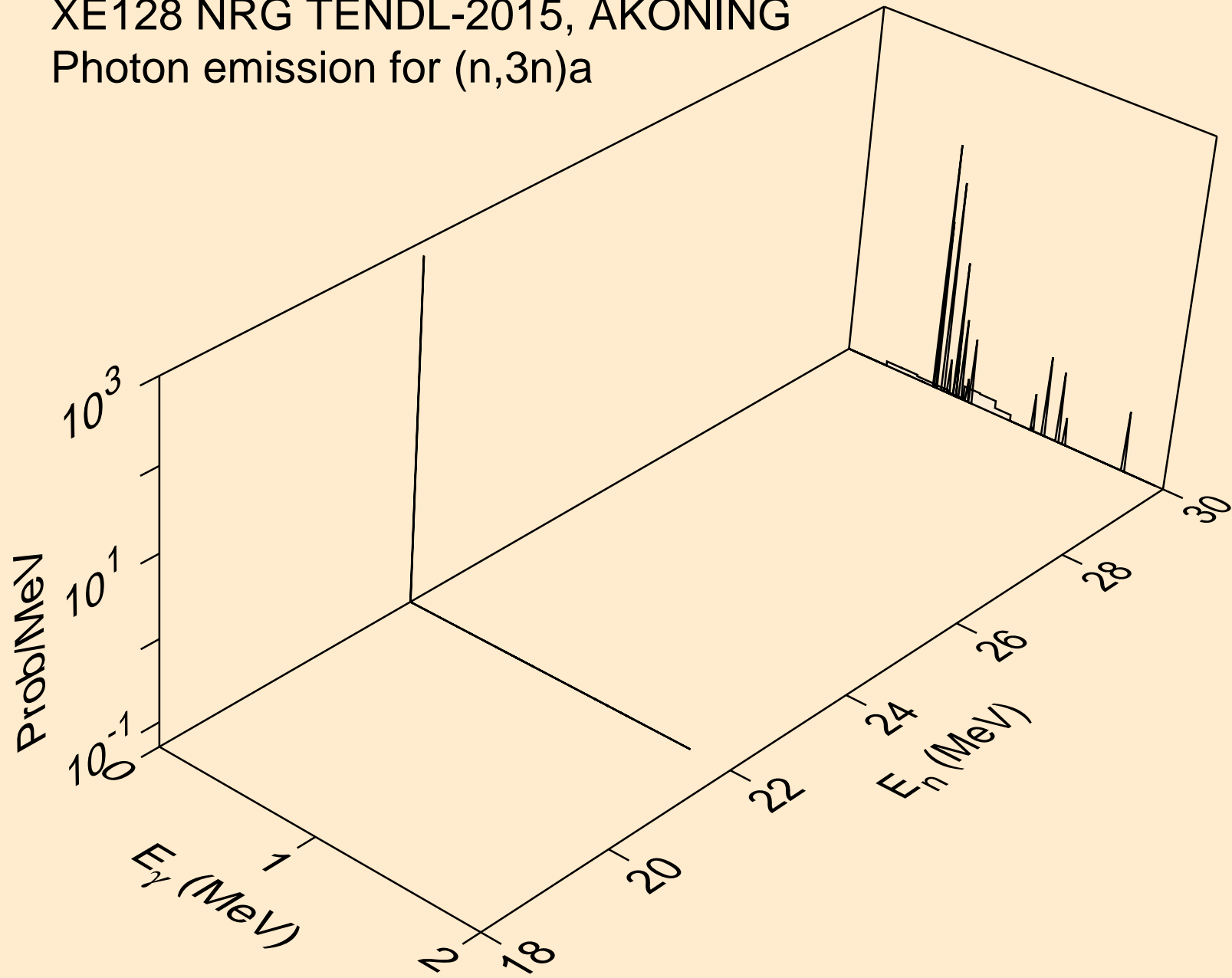


XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

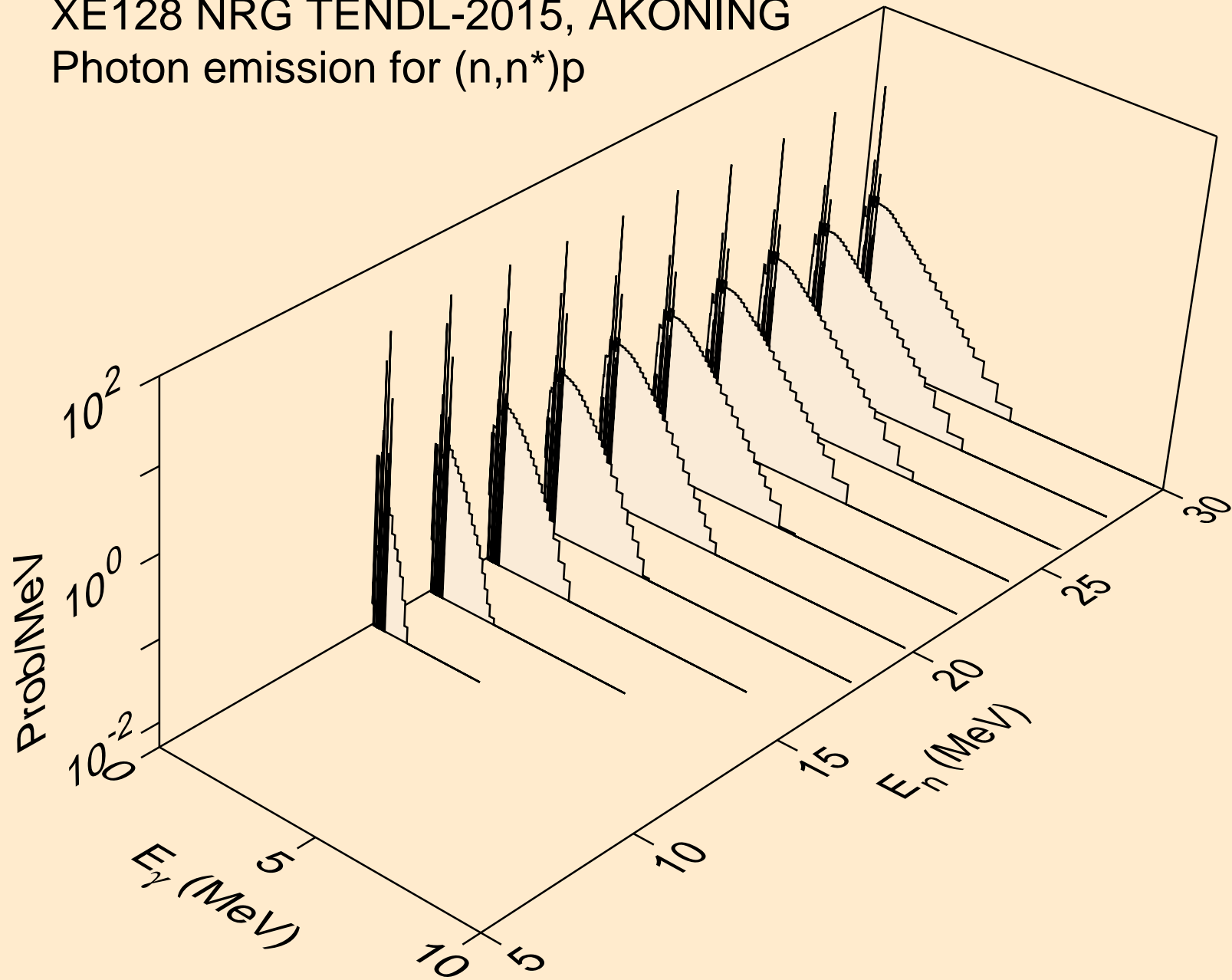




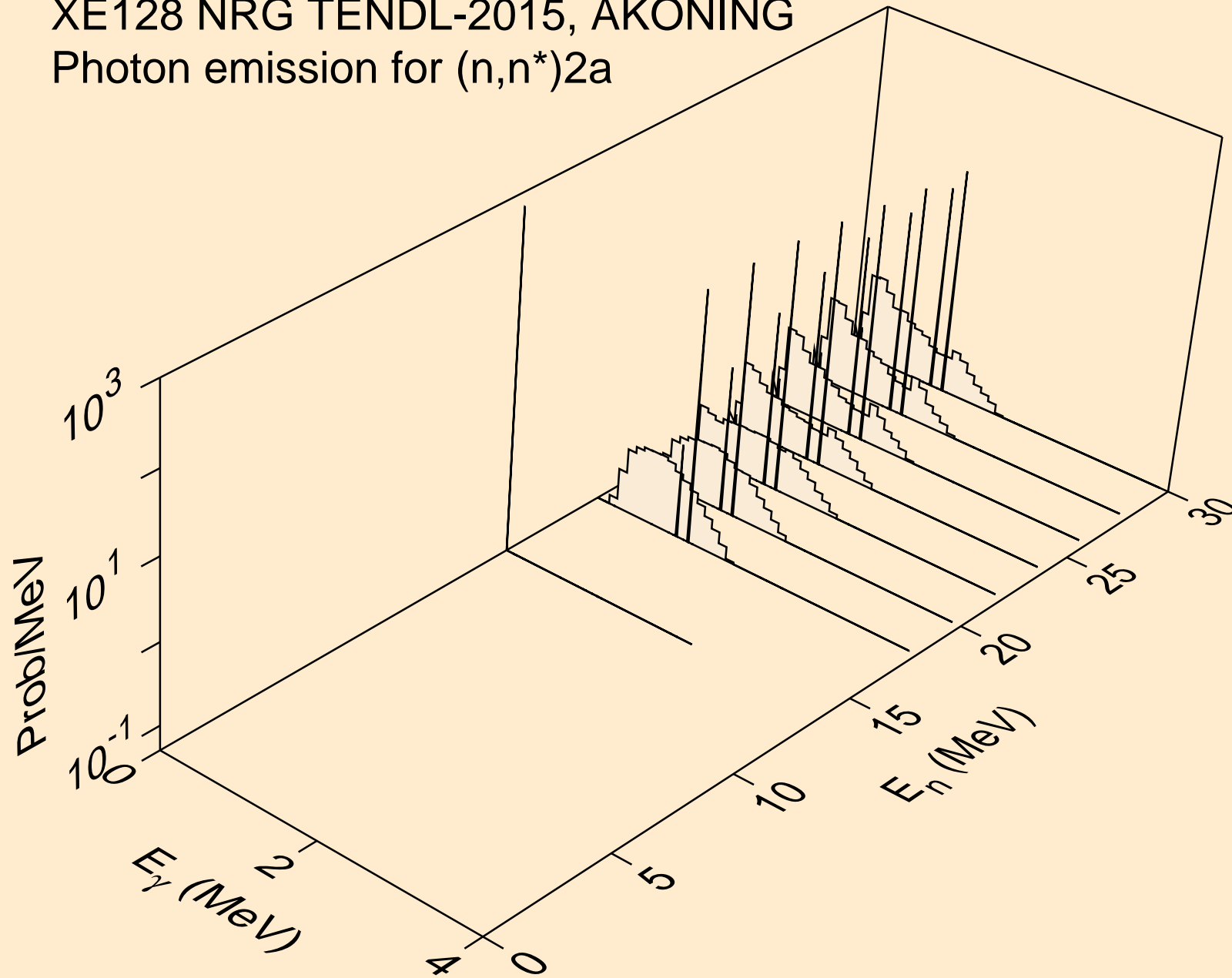
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



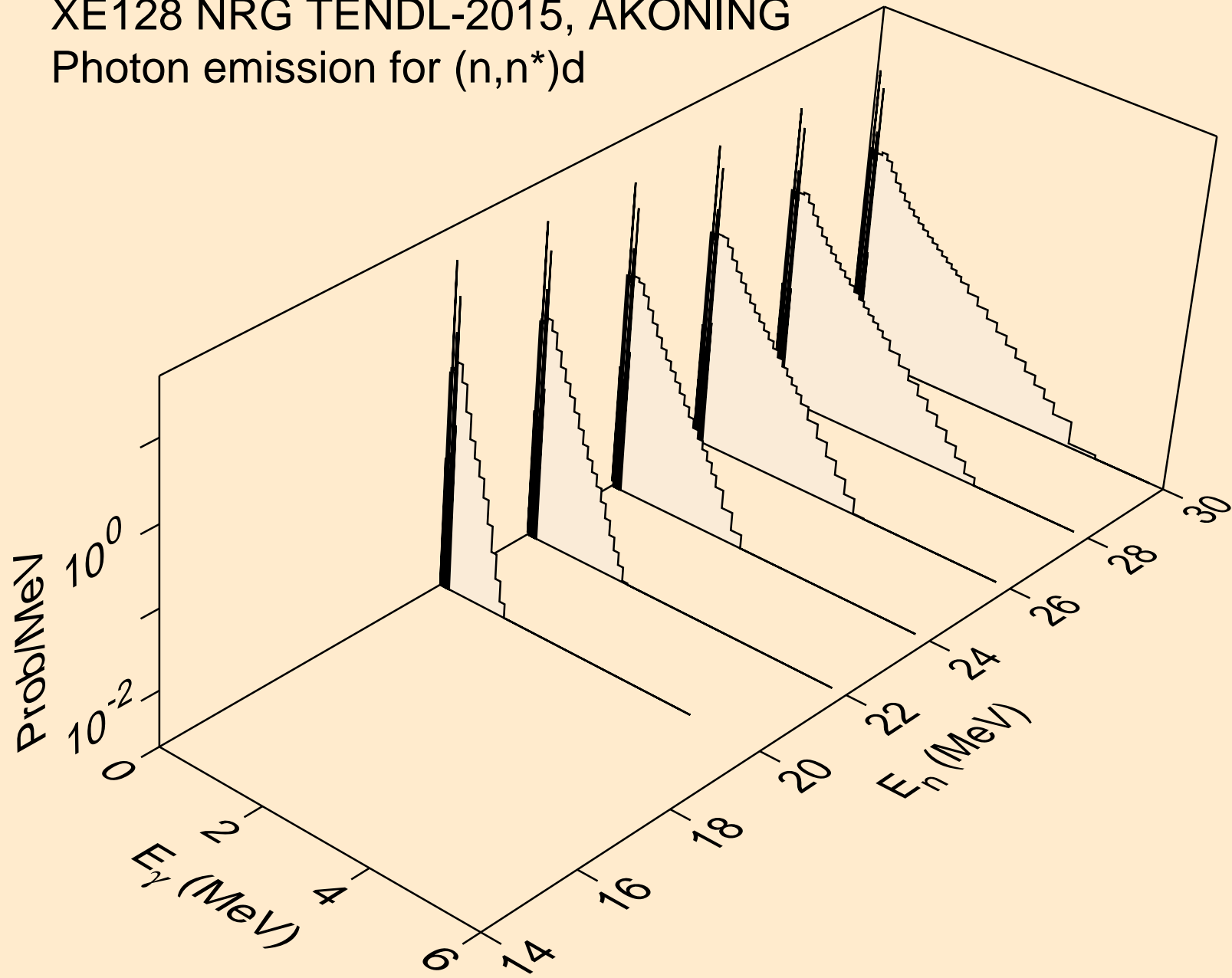
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



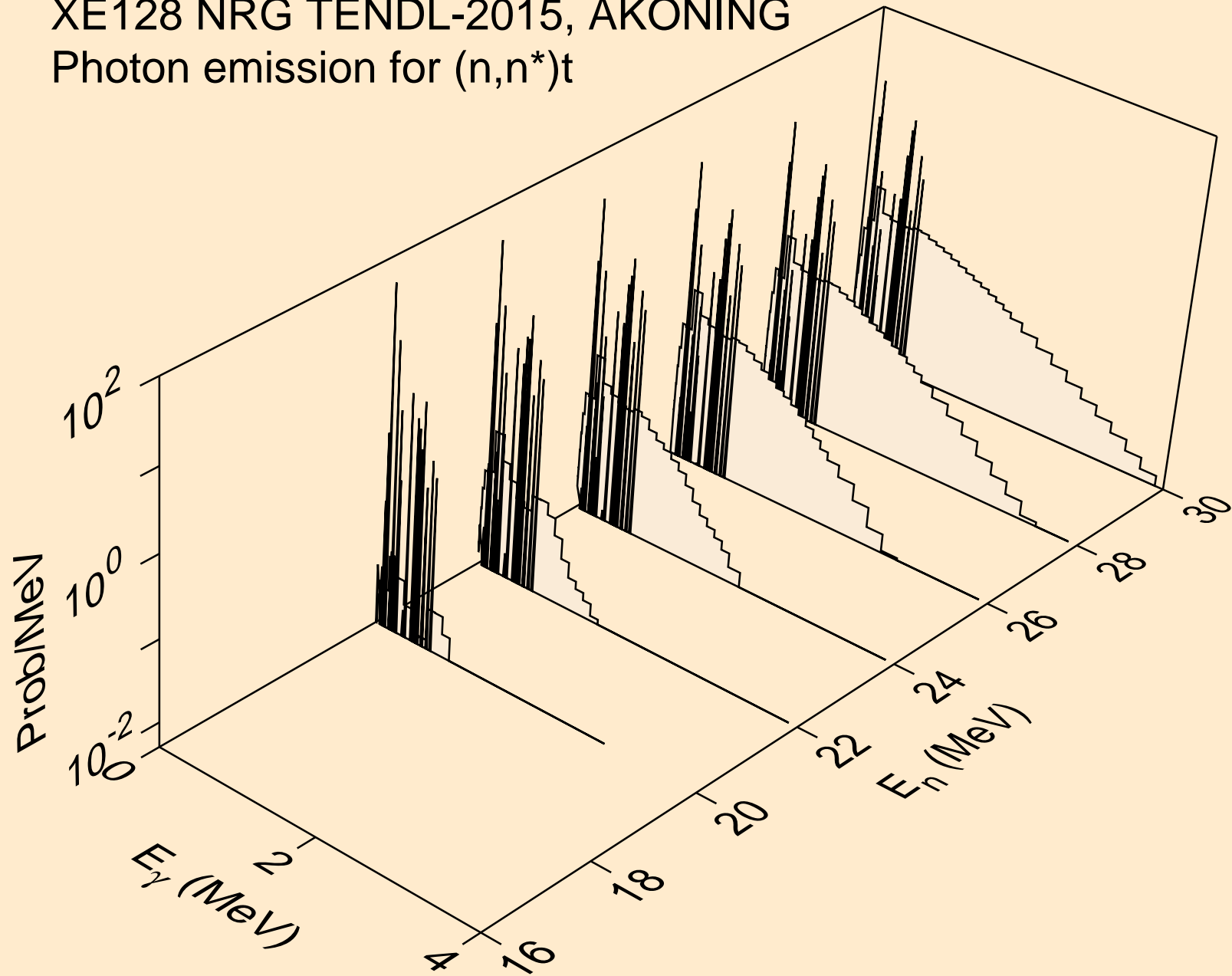
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



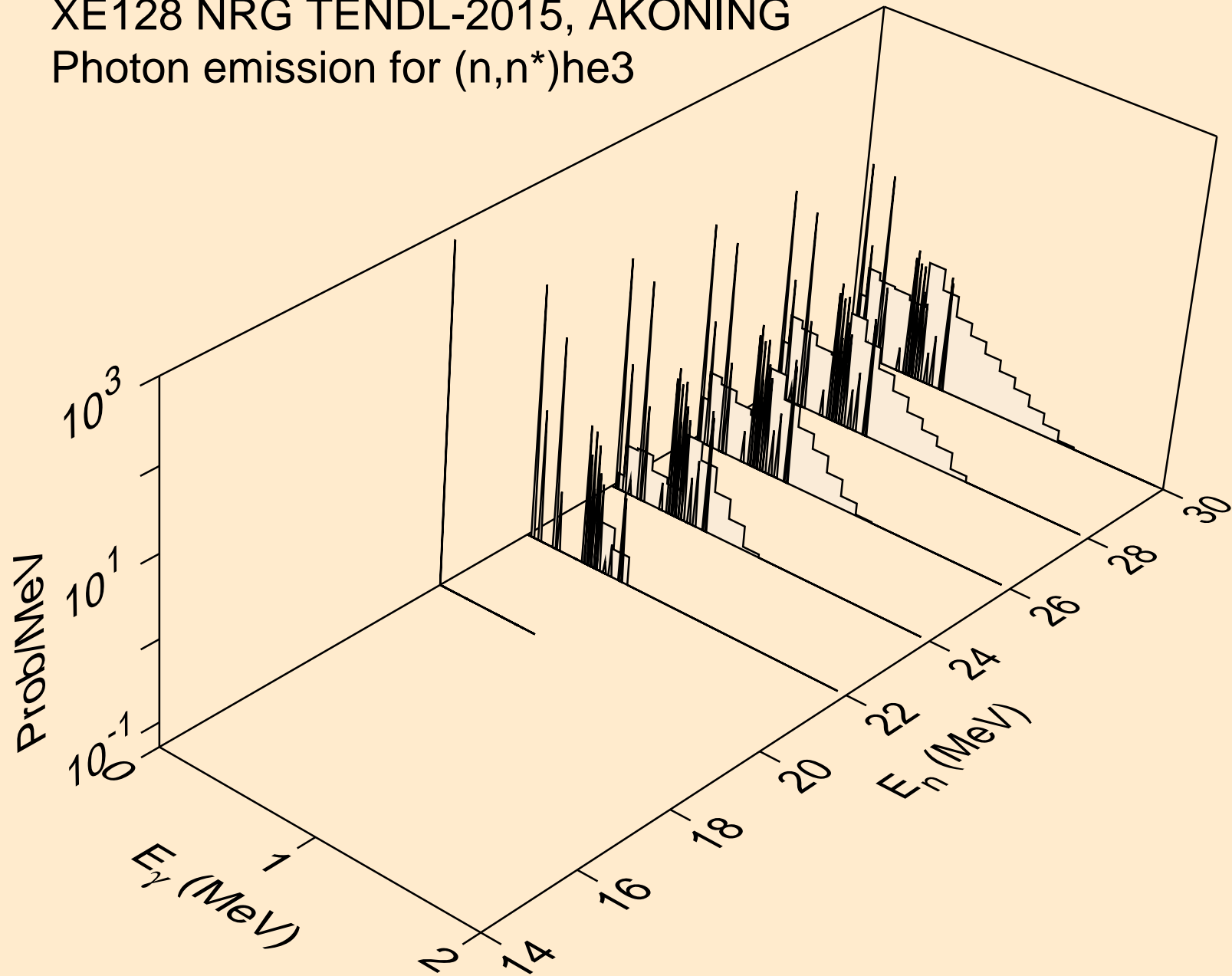
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



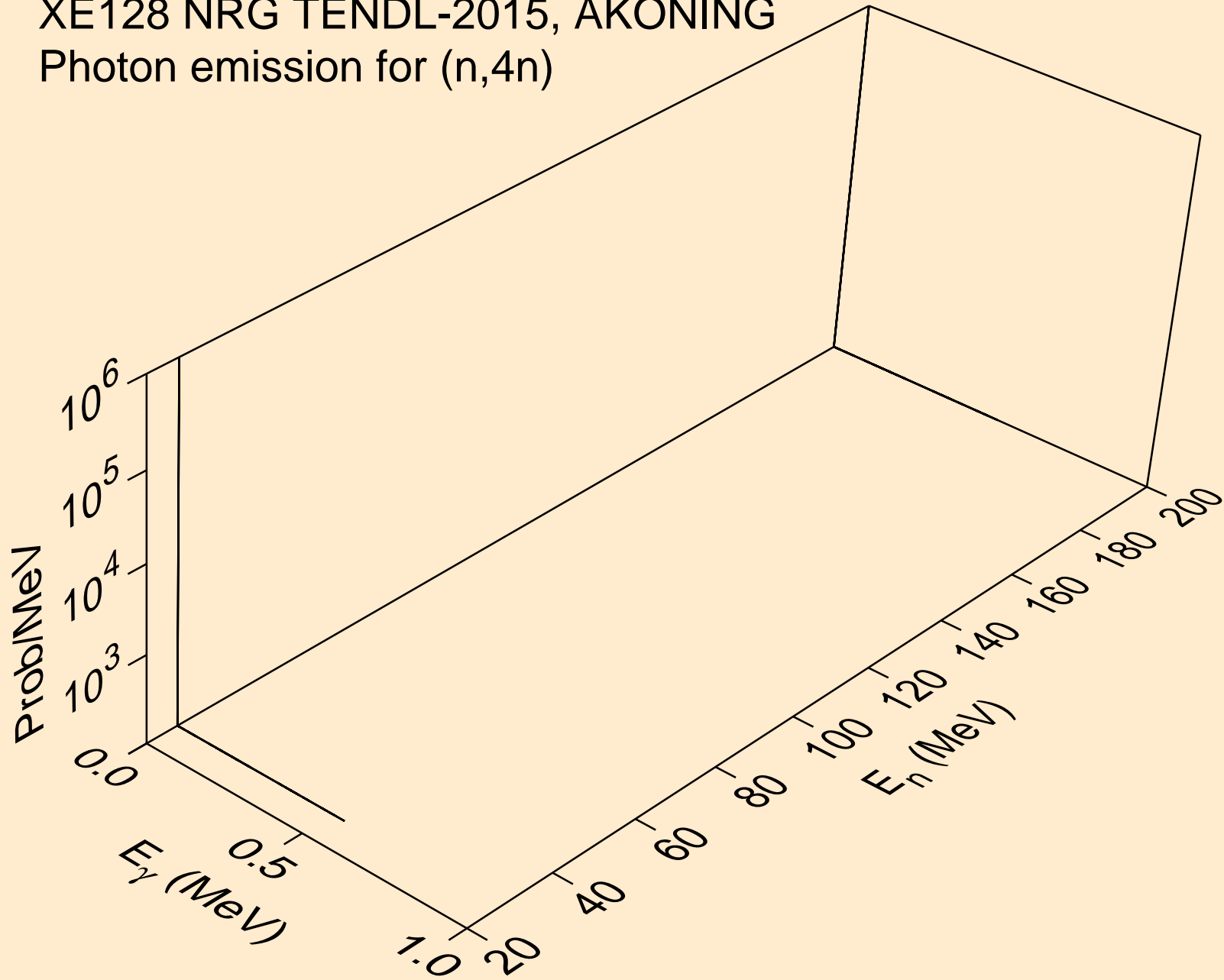
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



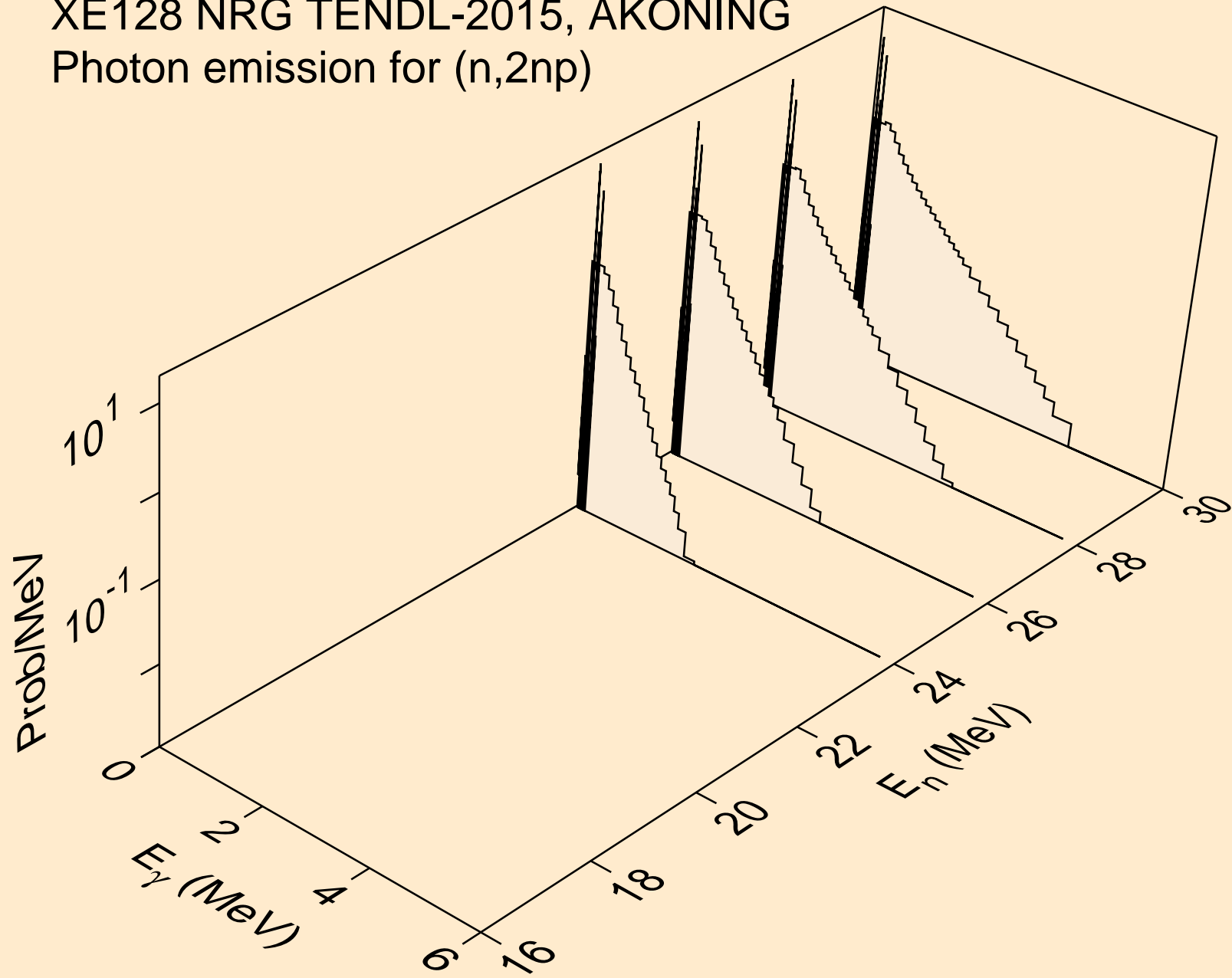
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

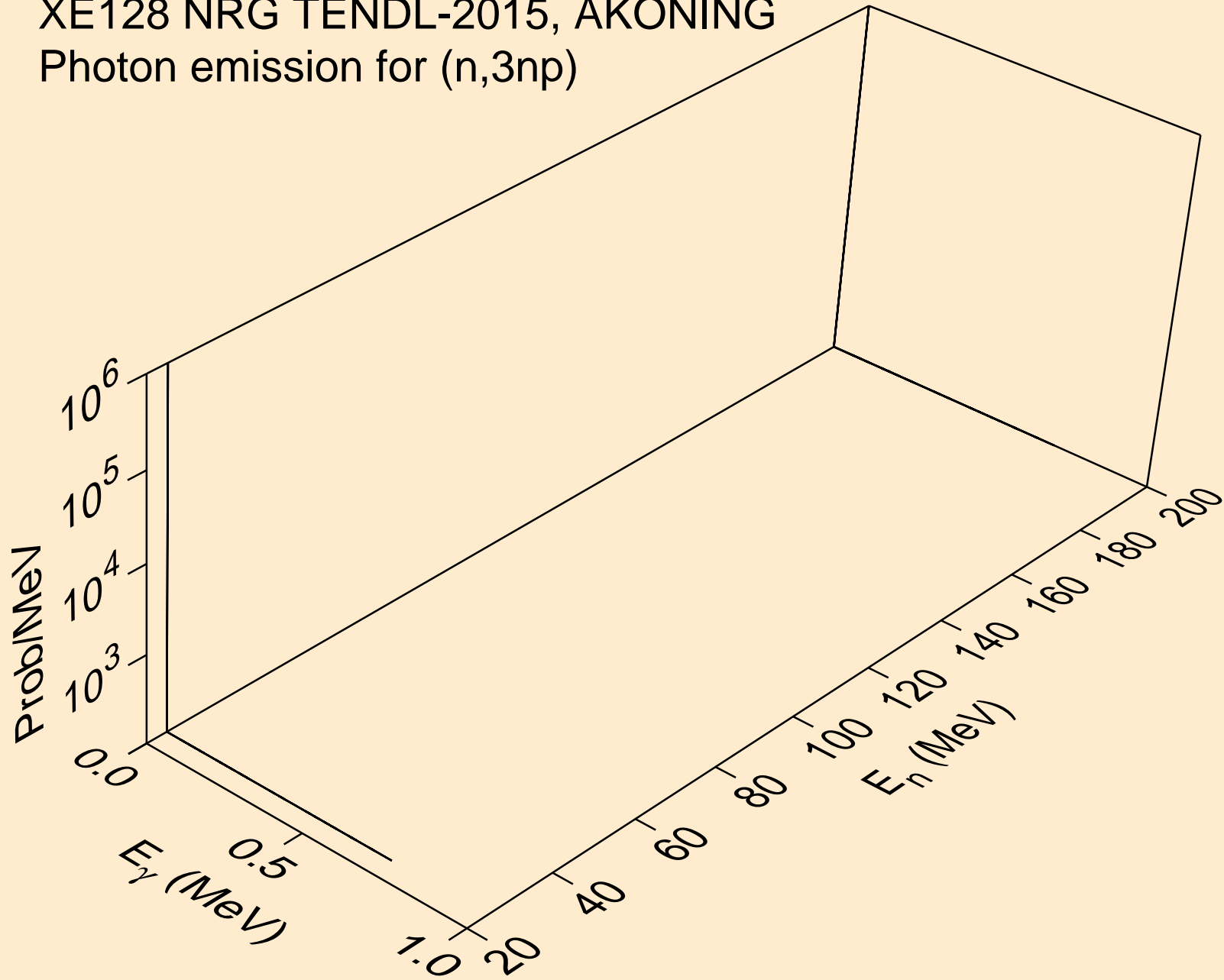


XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

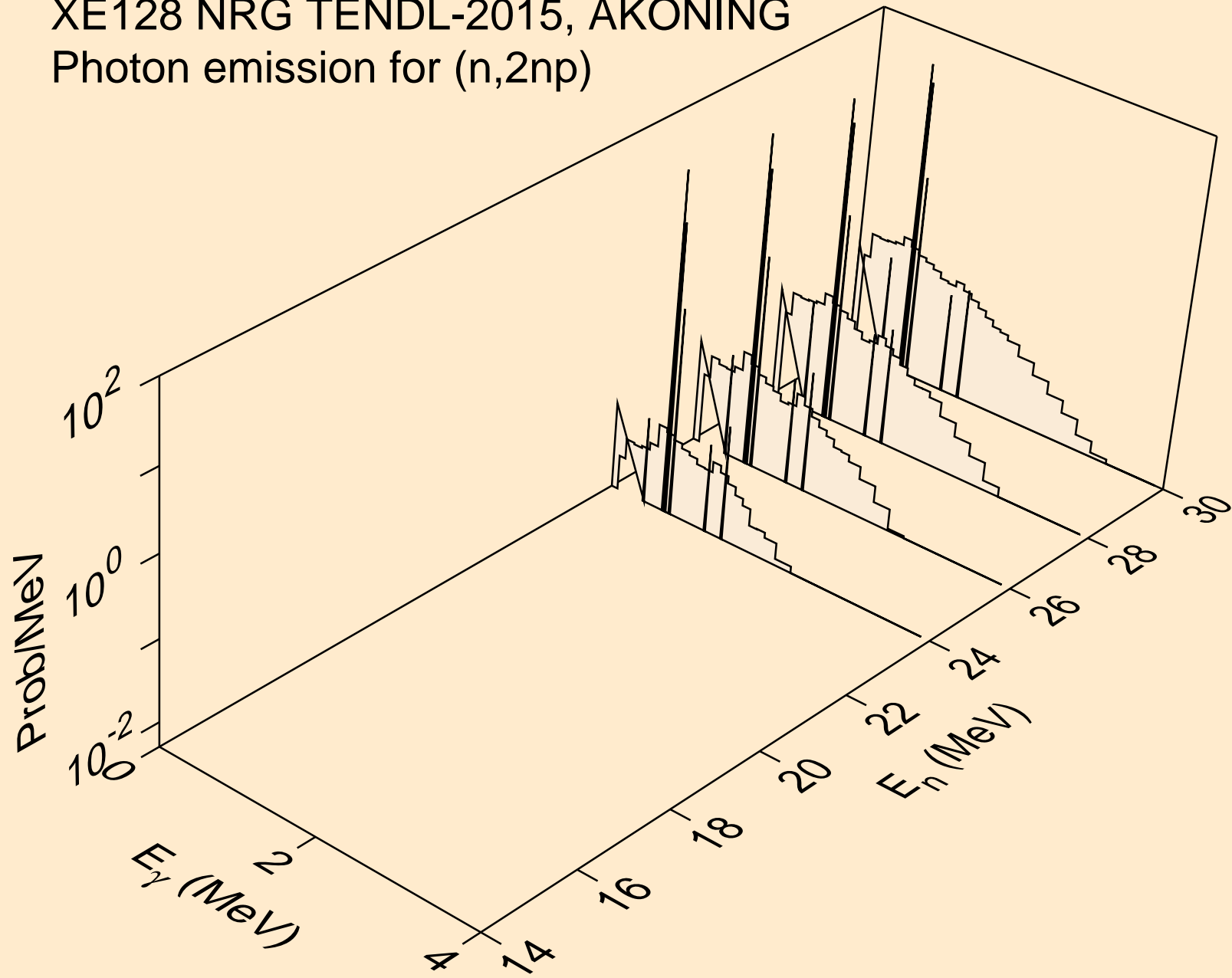




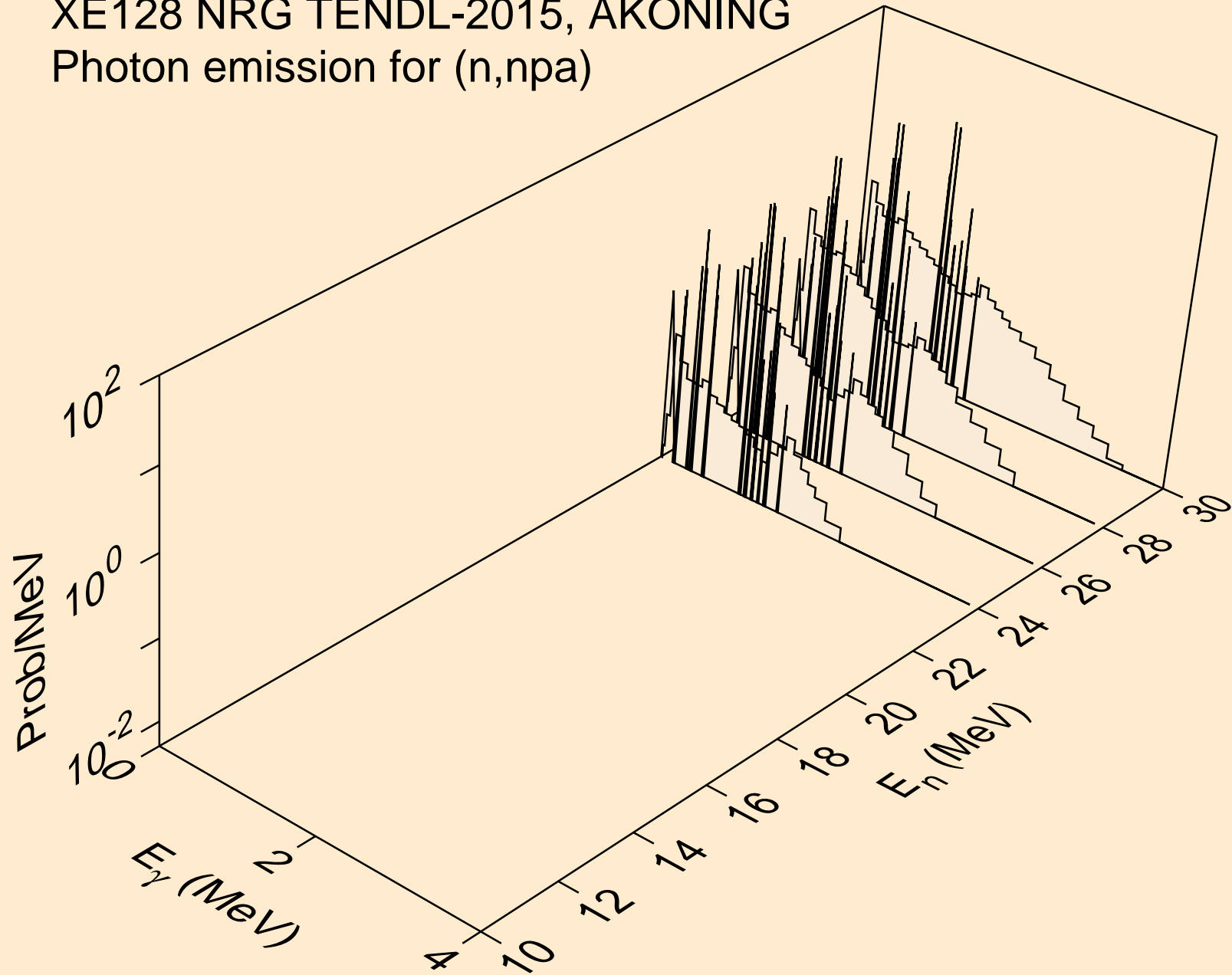
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



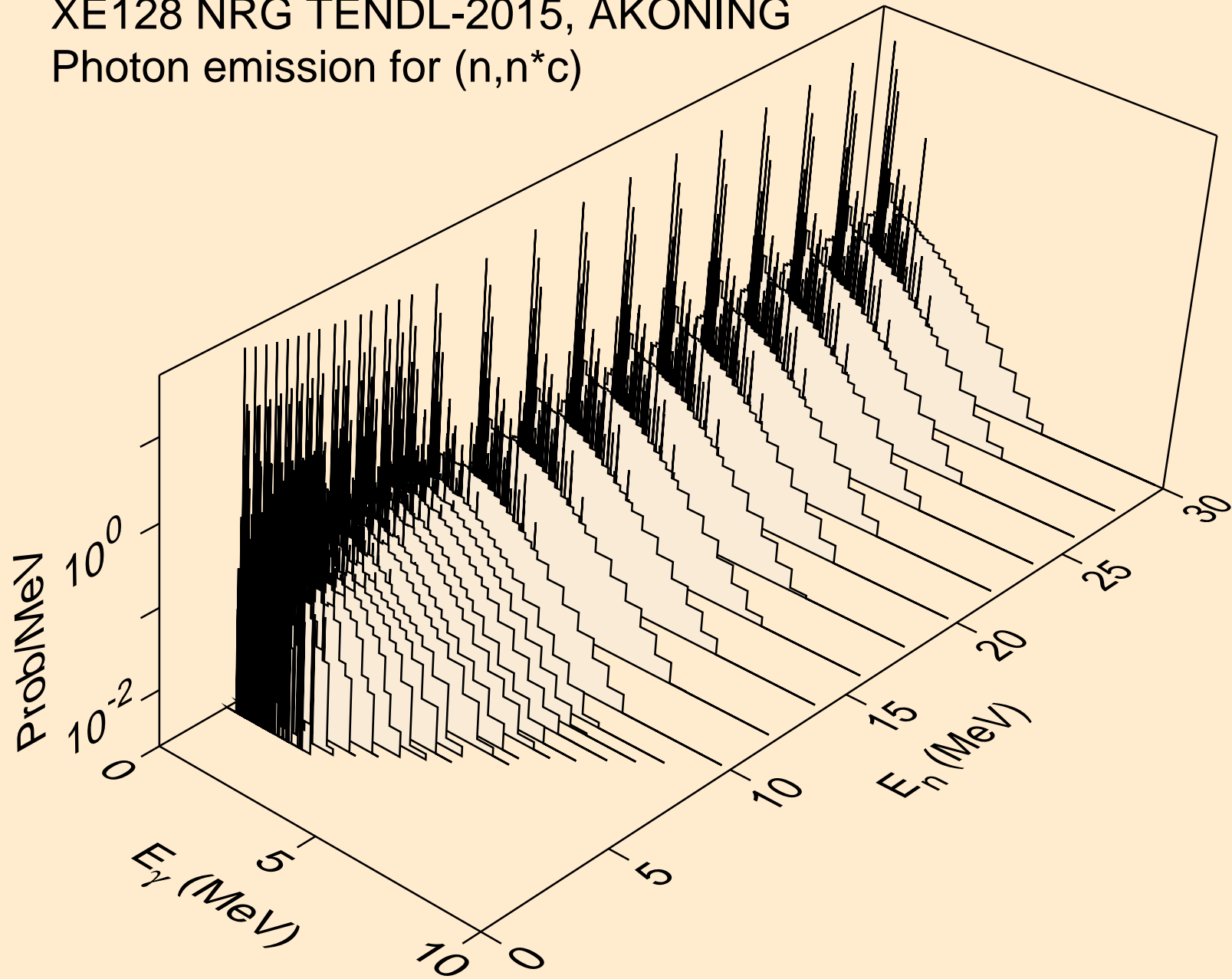
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



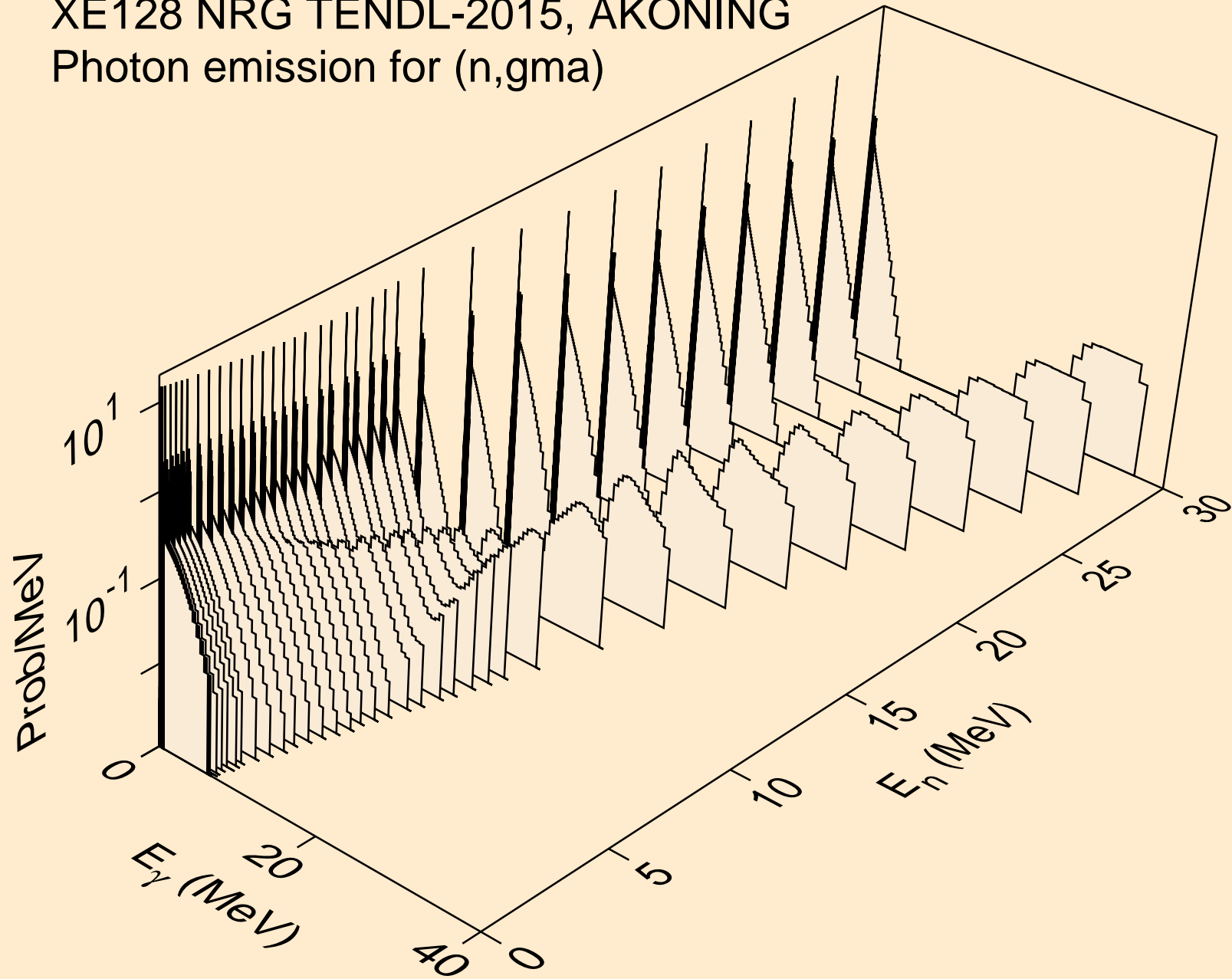
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



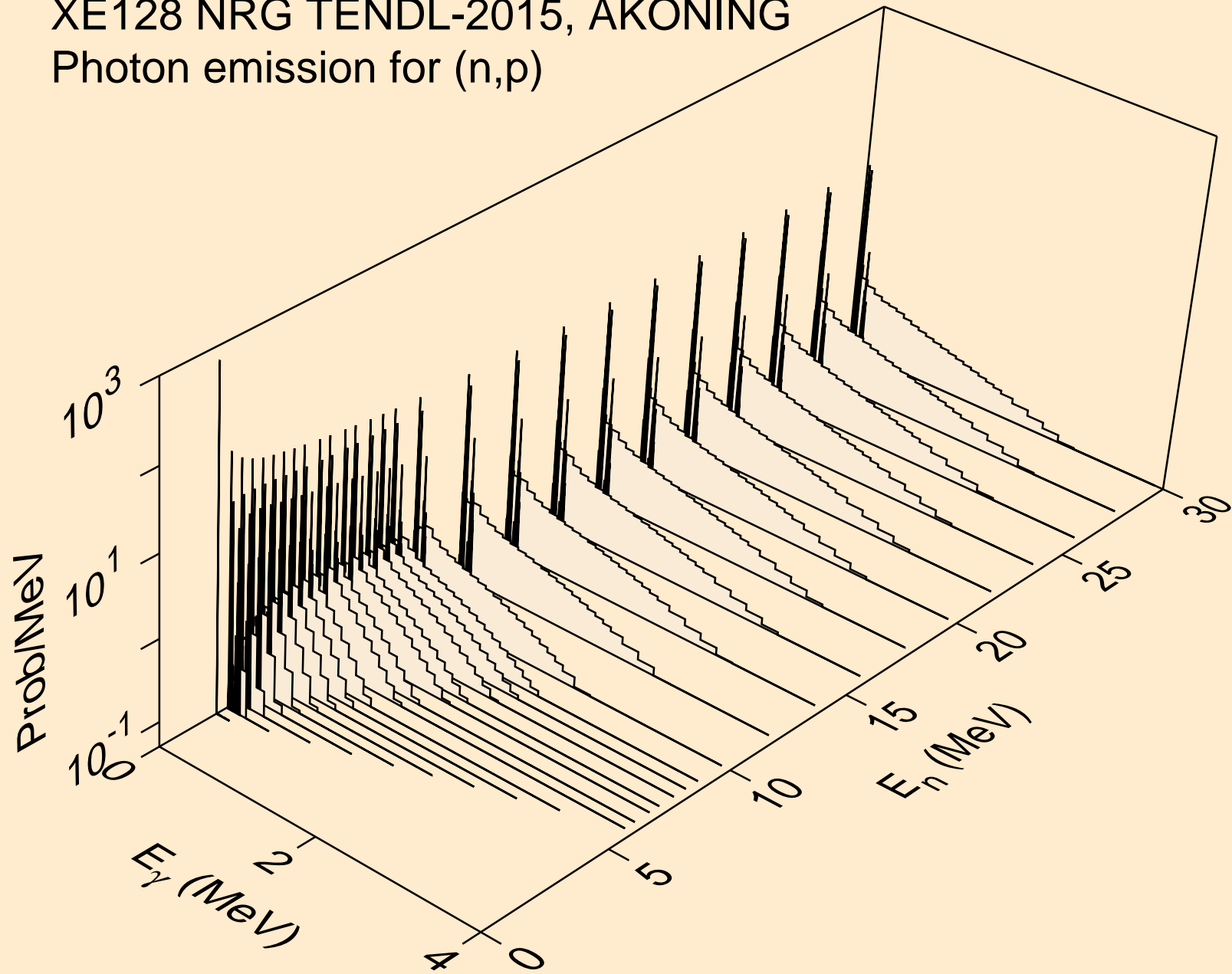
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



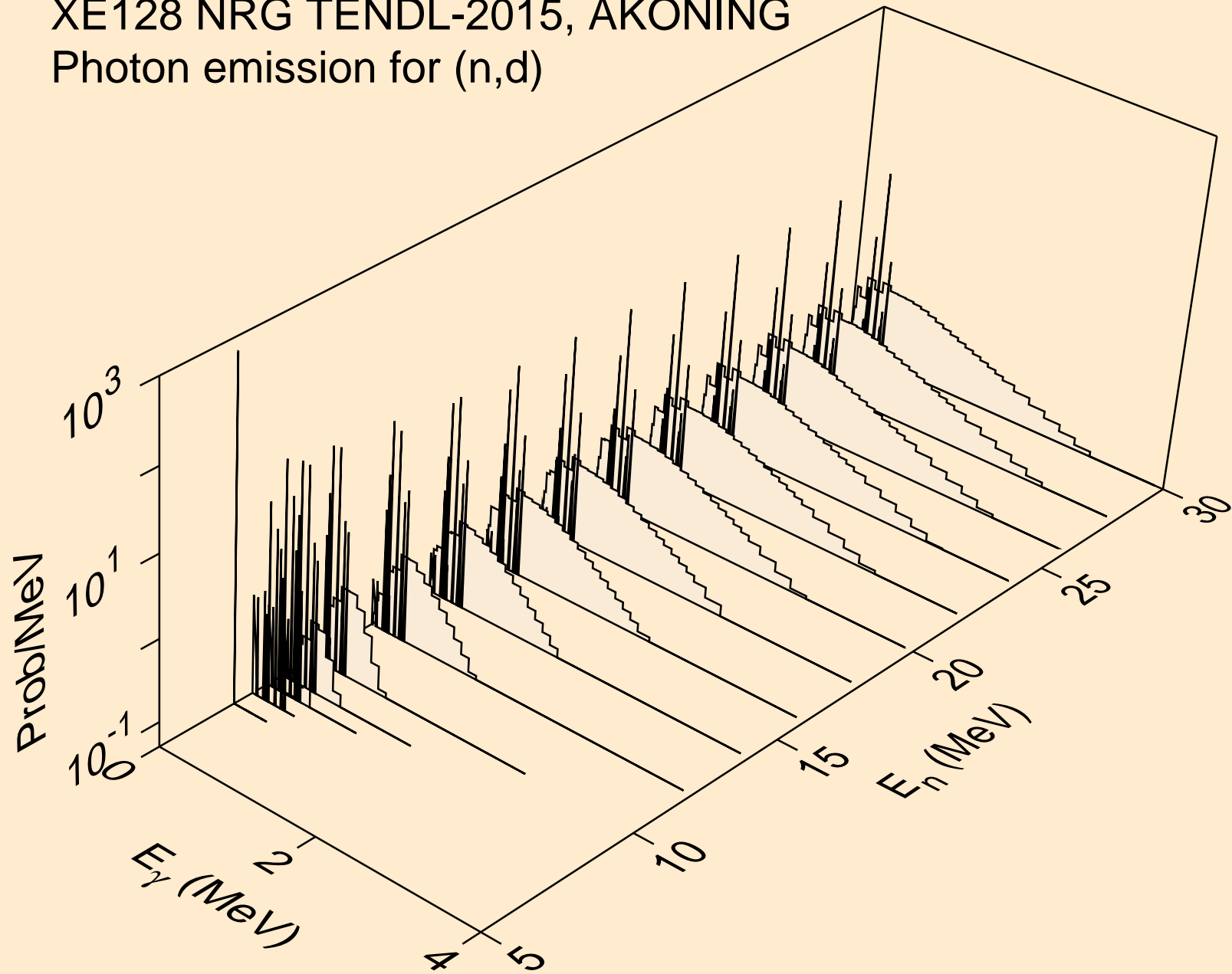
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



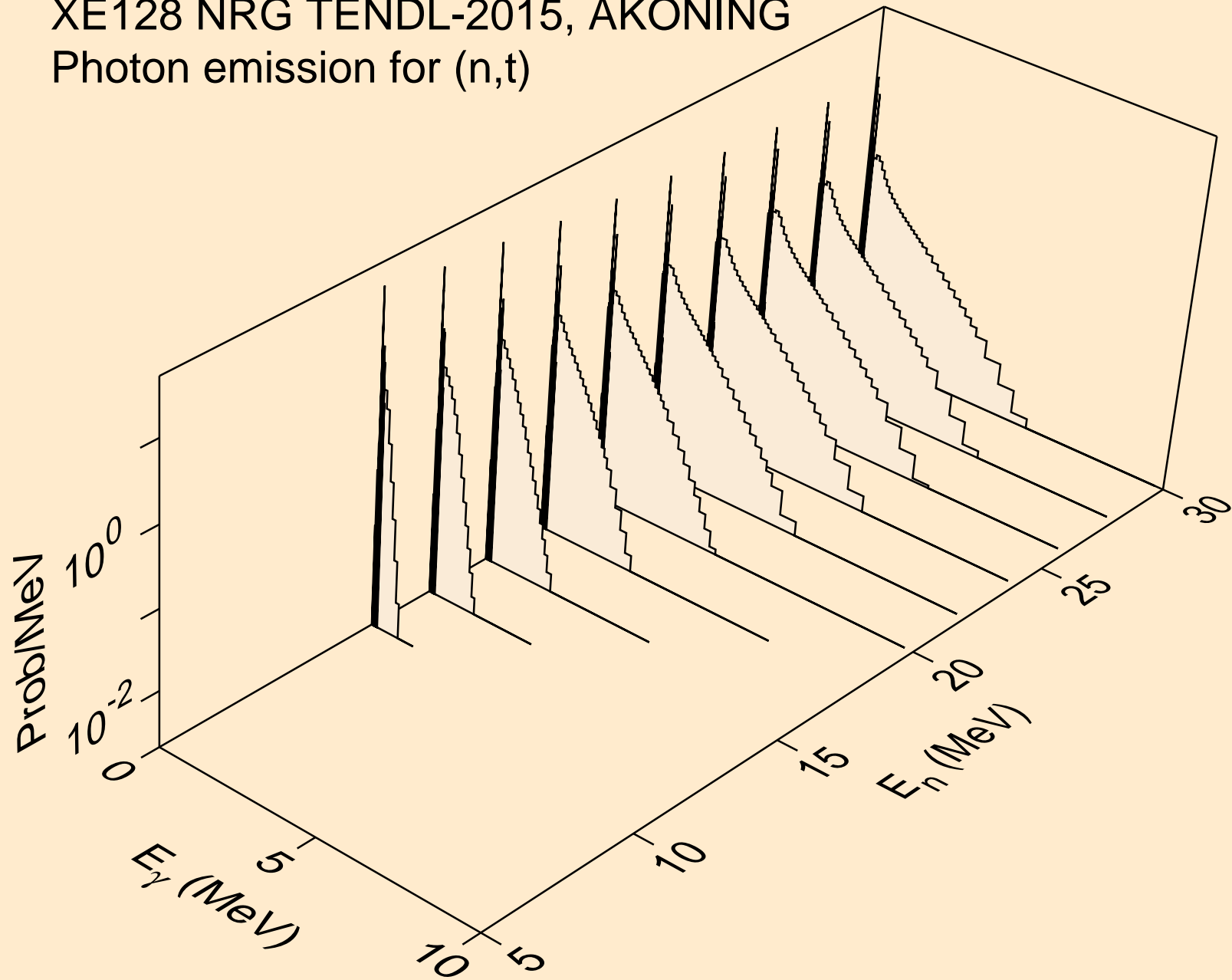
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

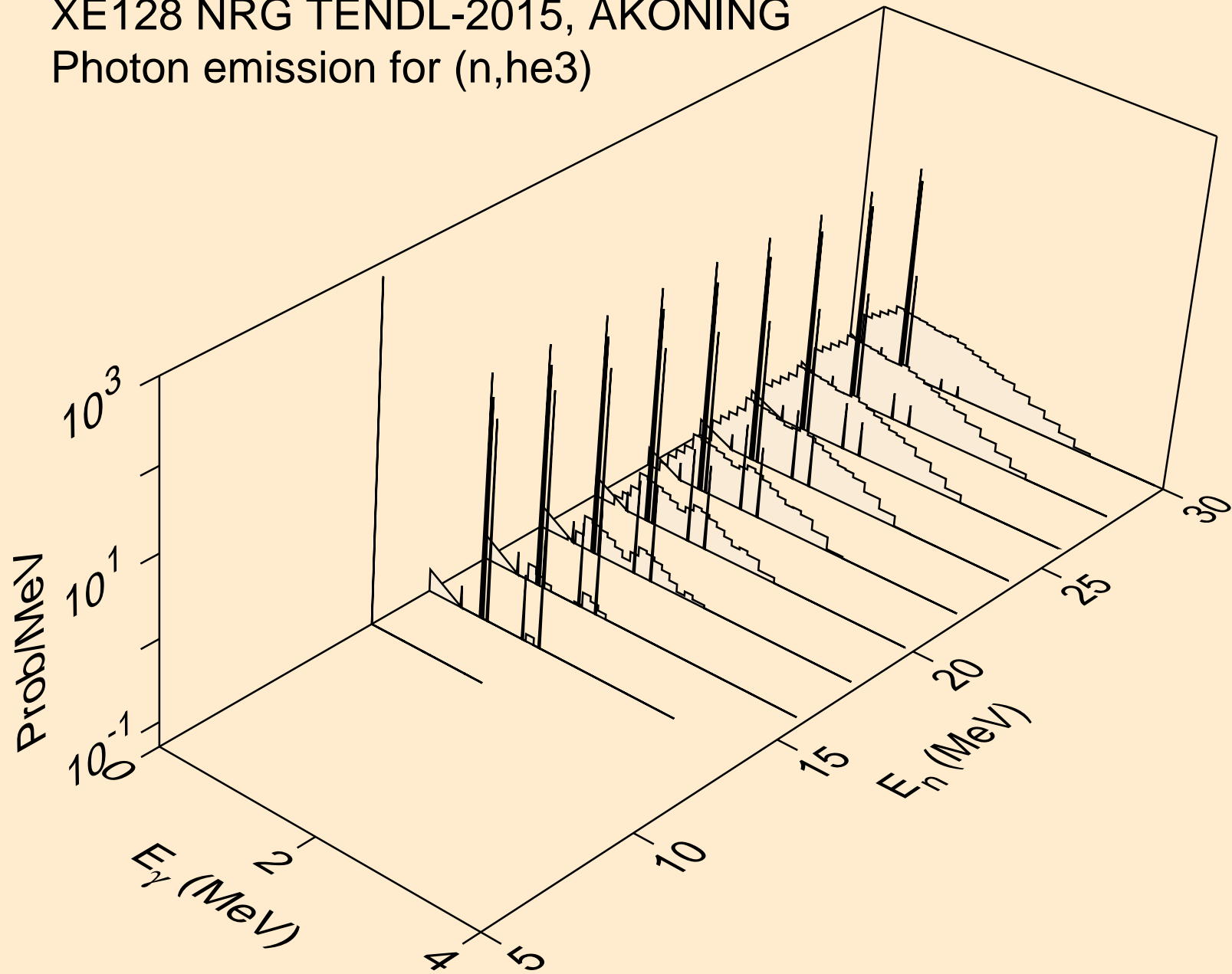


XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

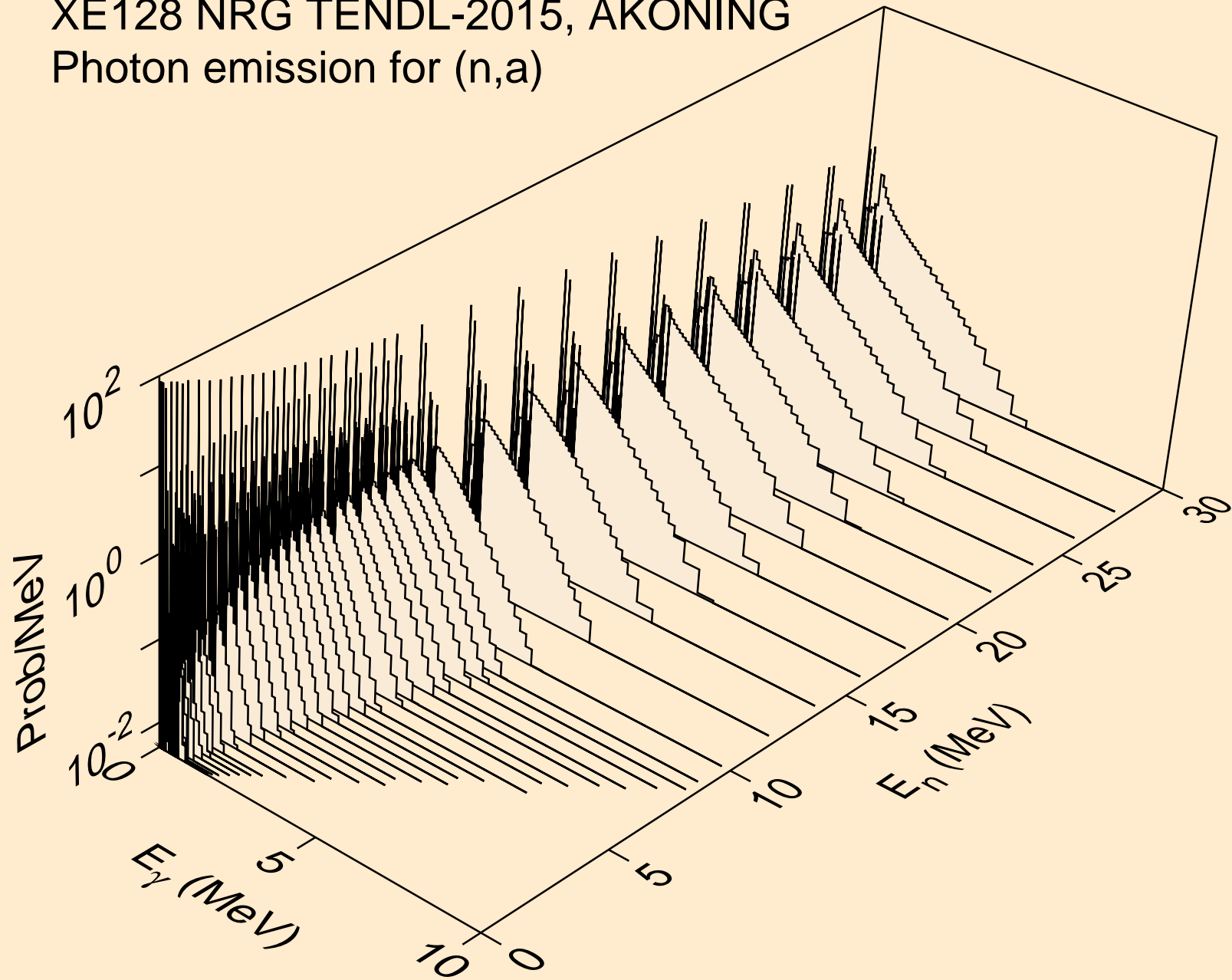




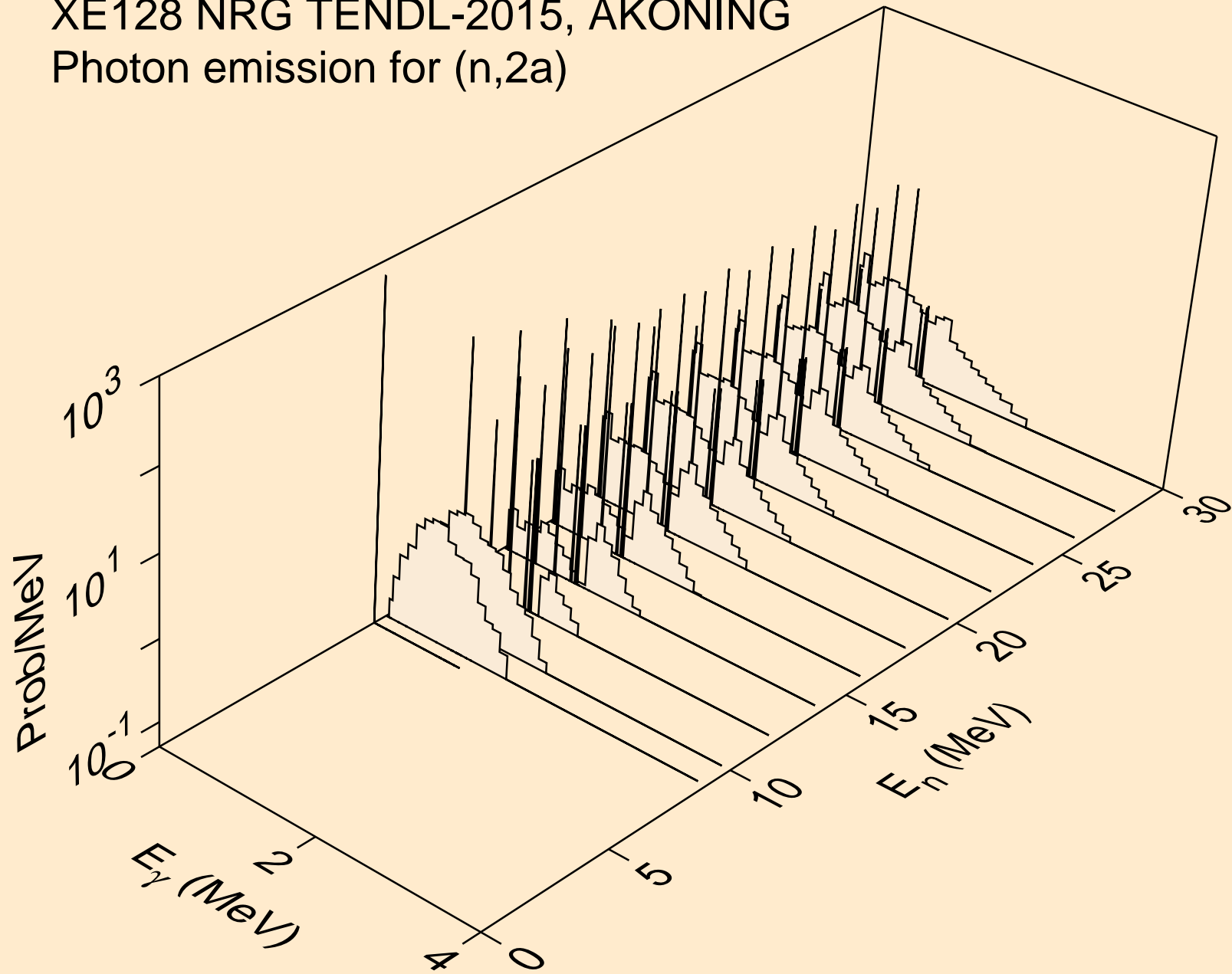
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



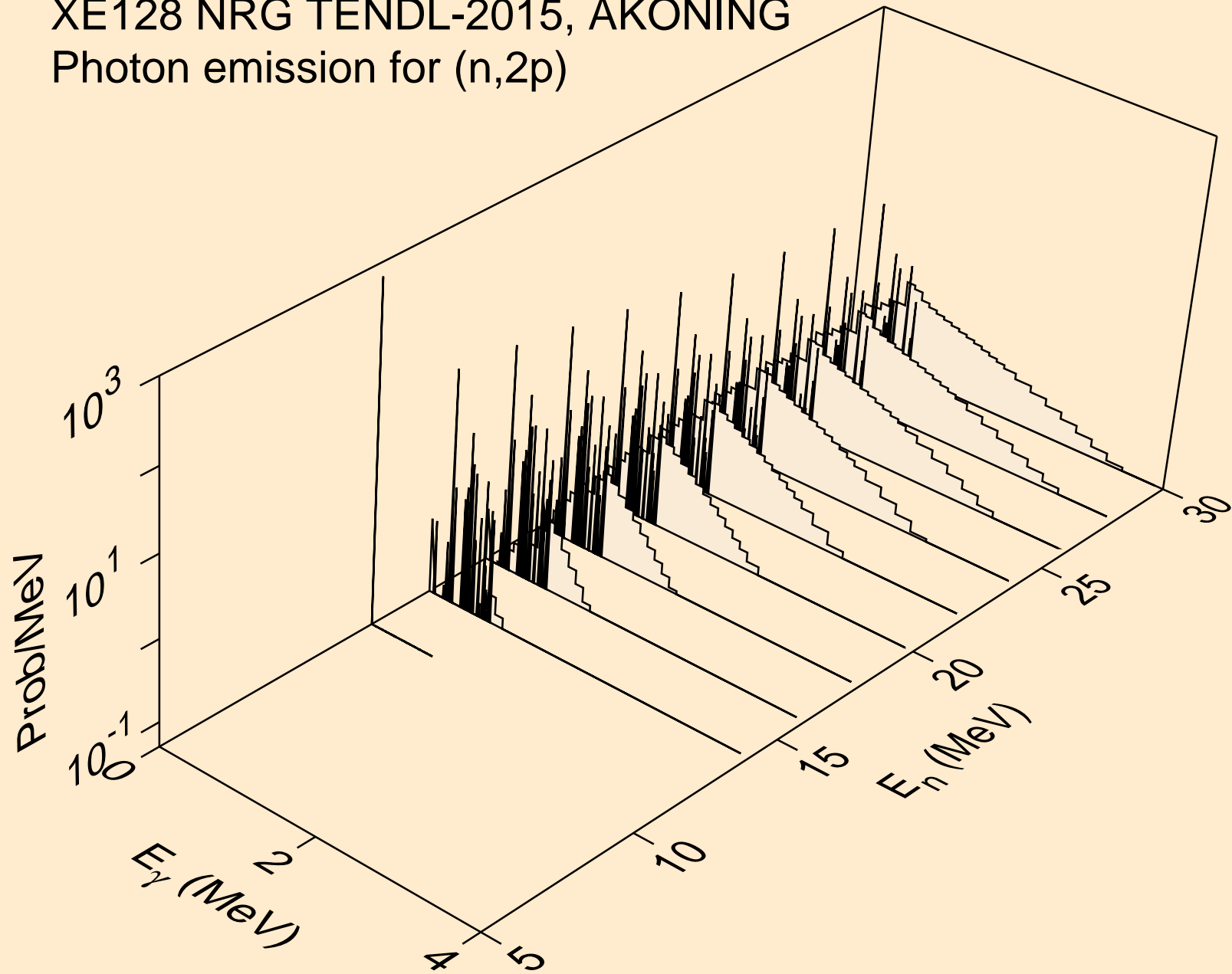
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



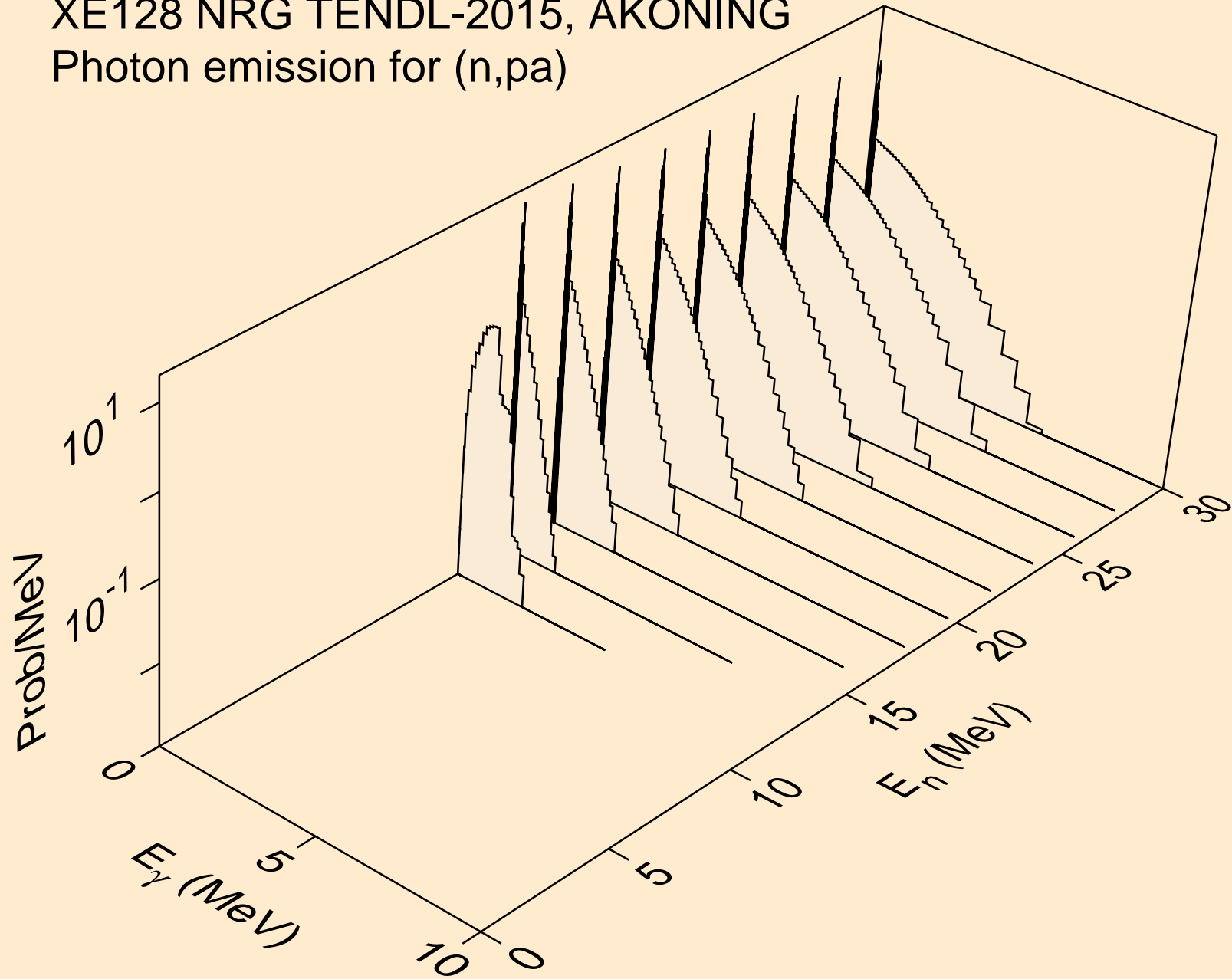
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



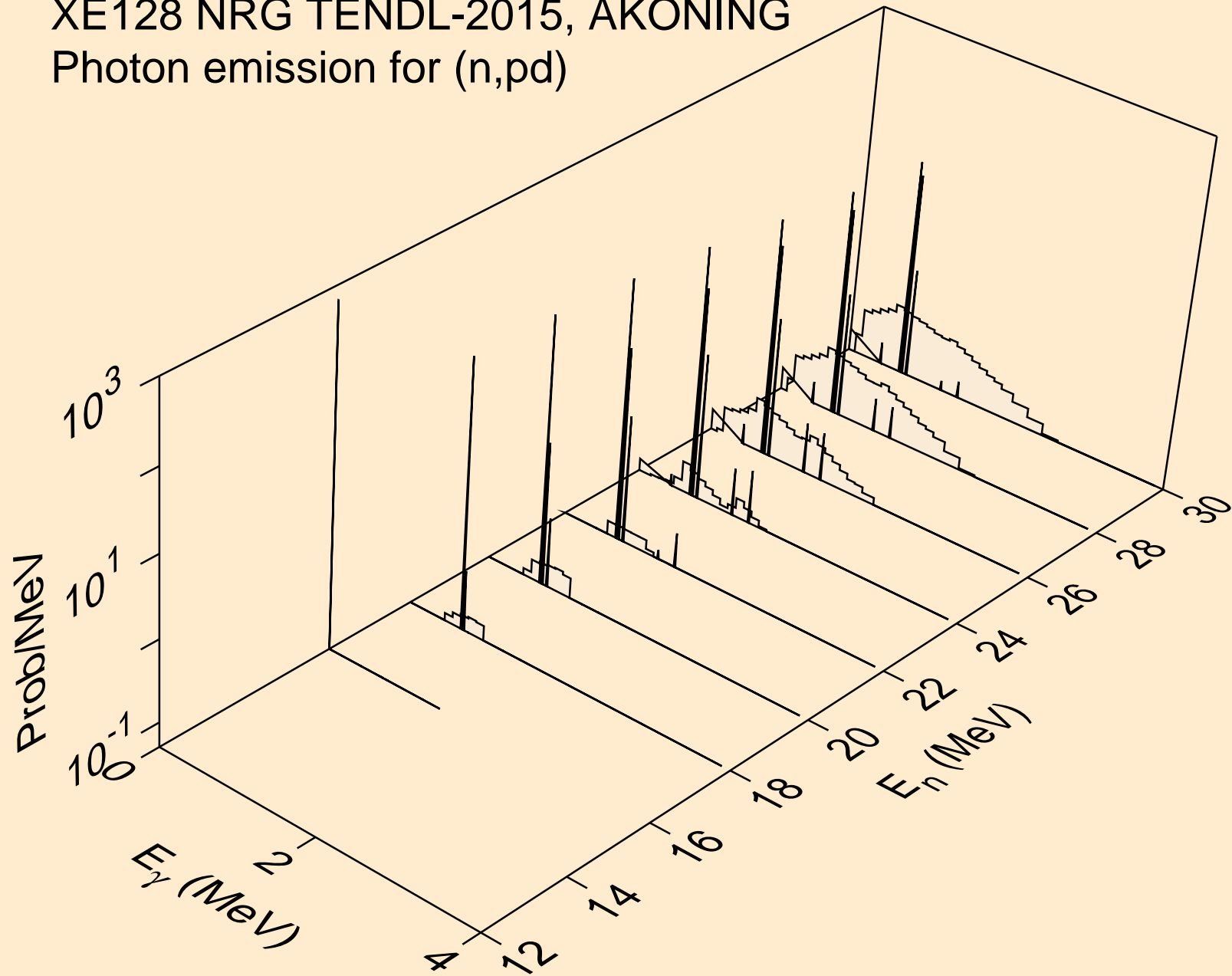
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



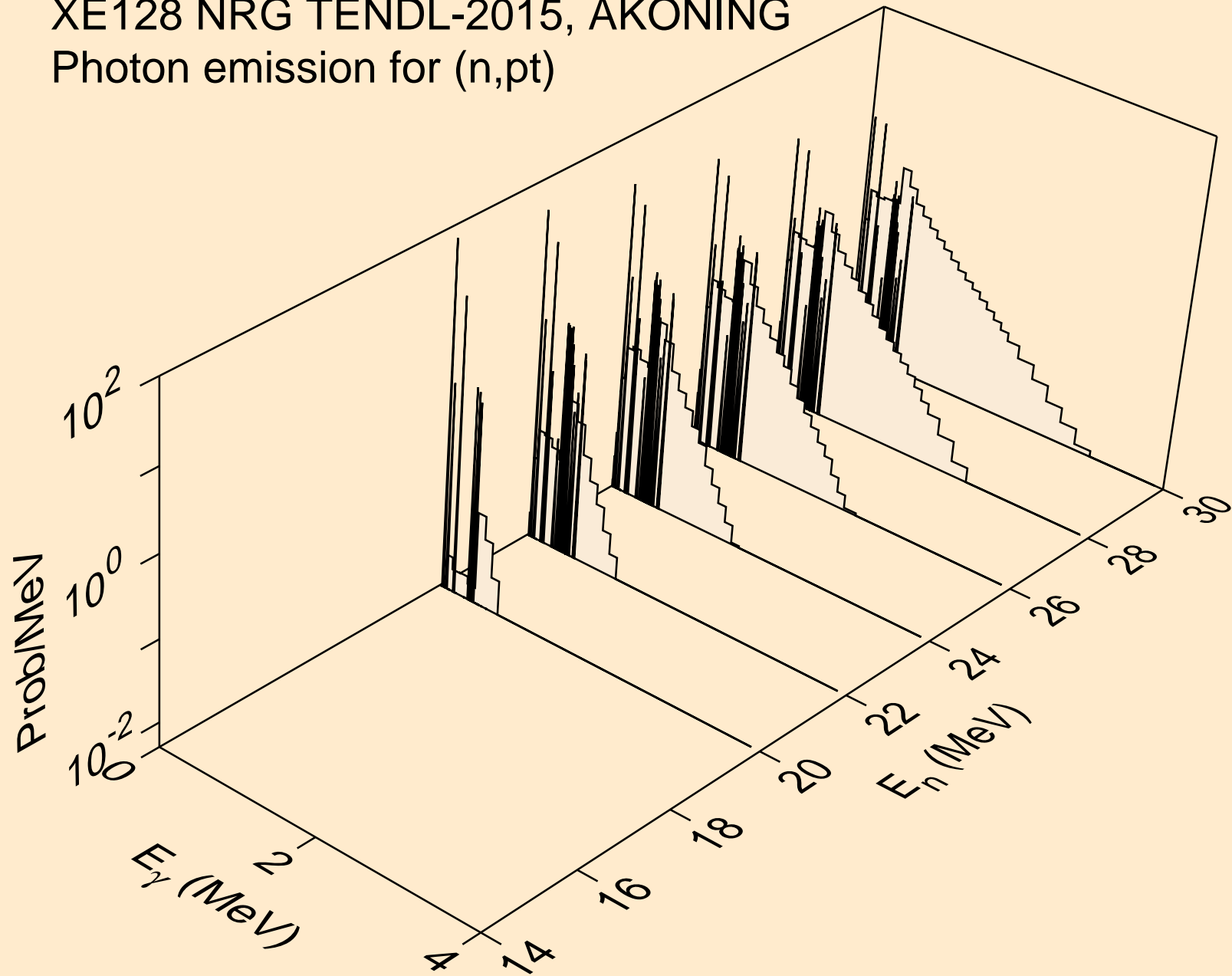
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



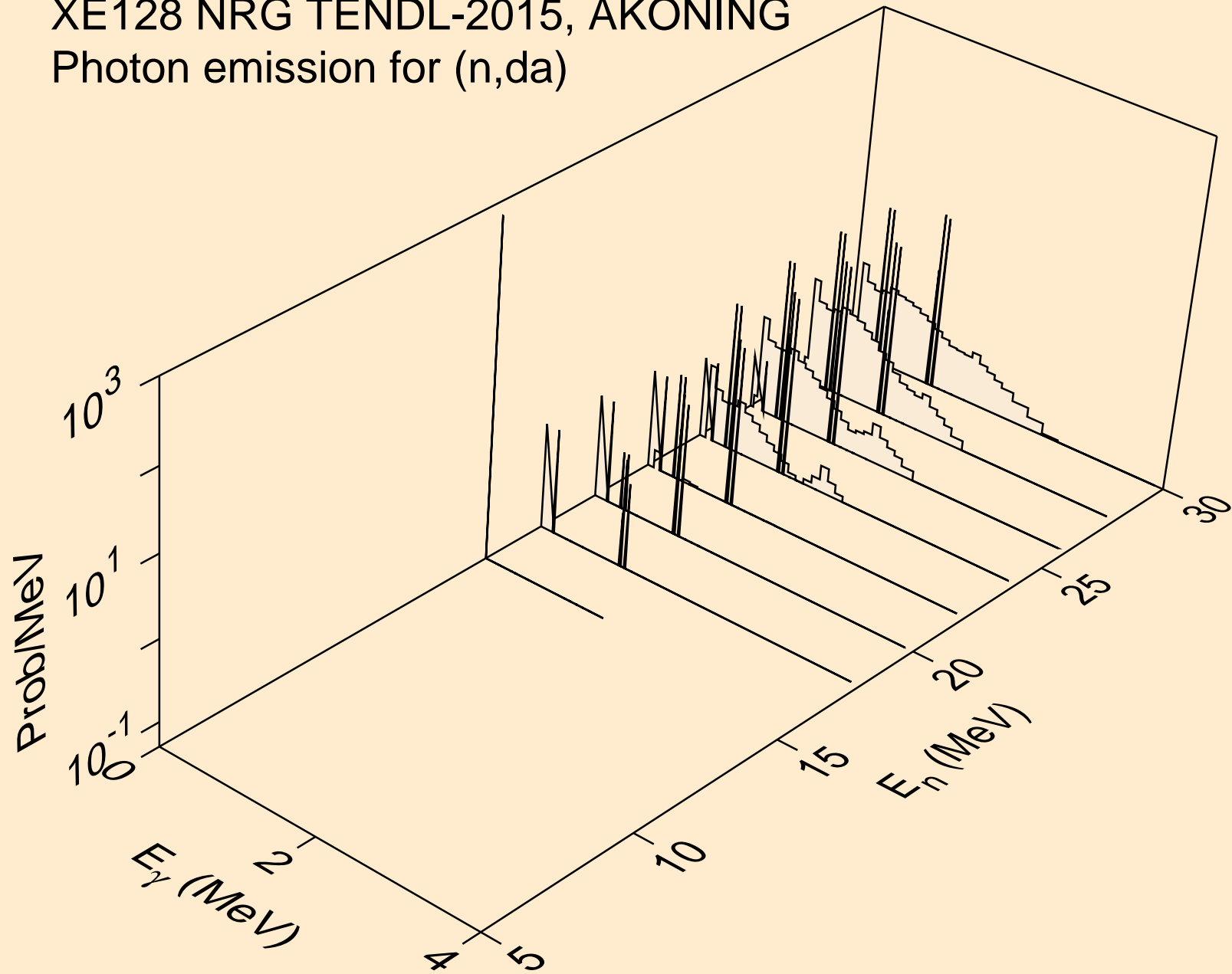
XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

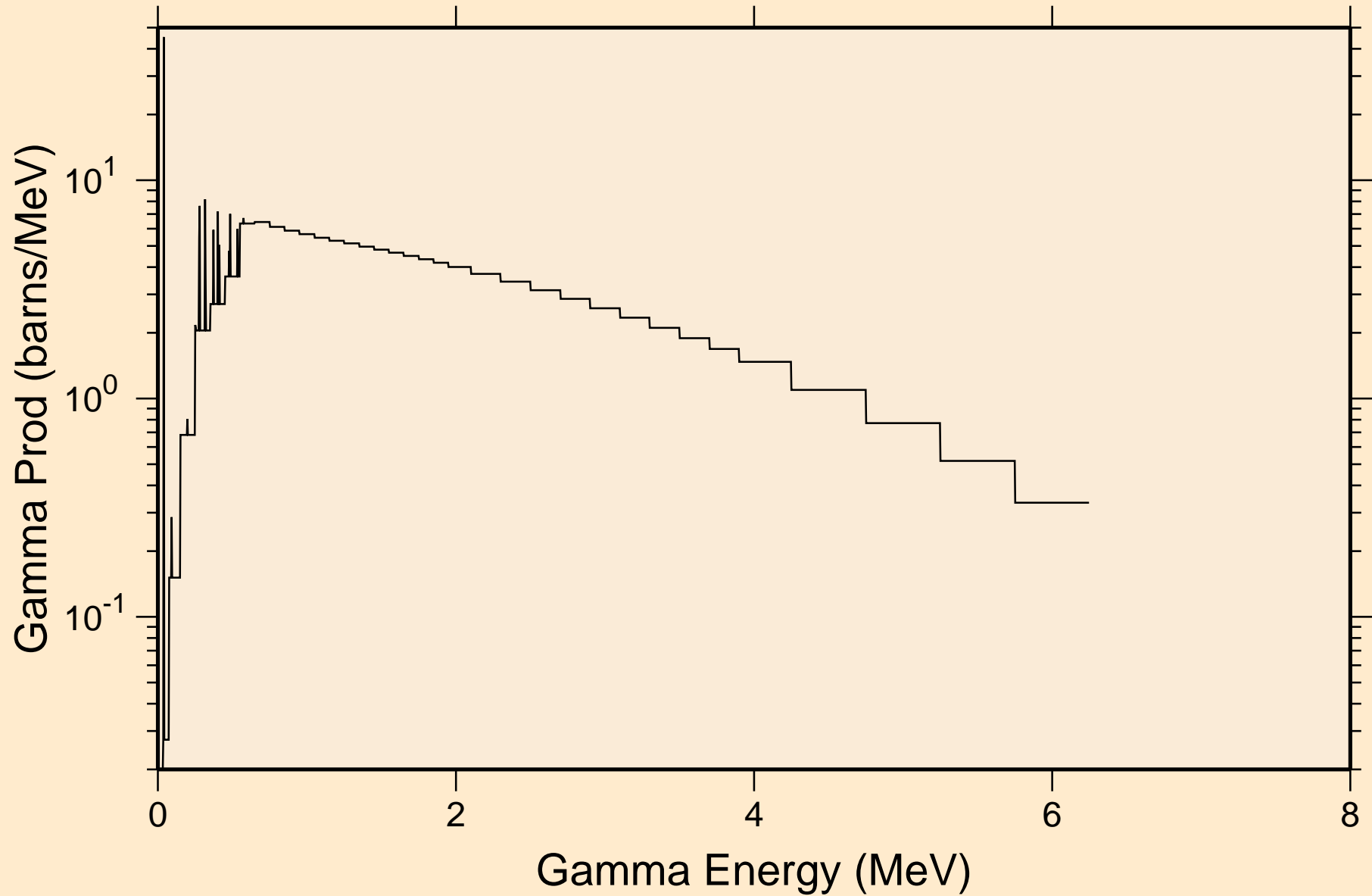


XE128 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

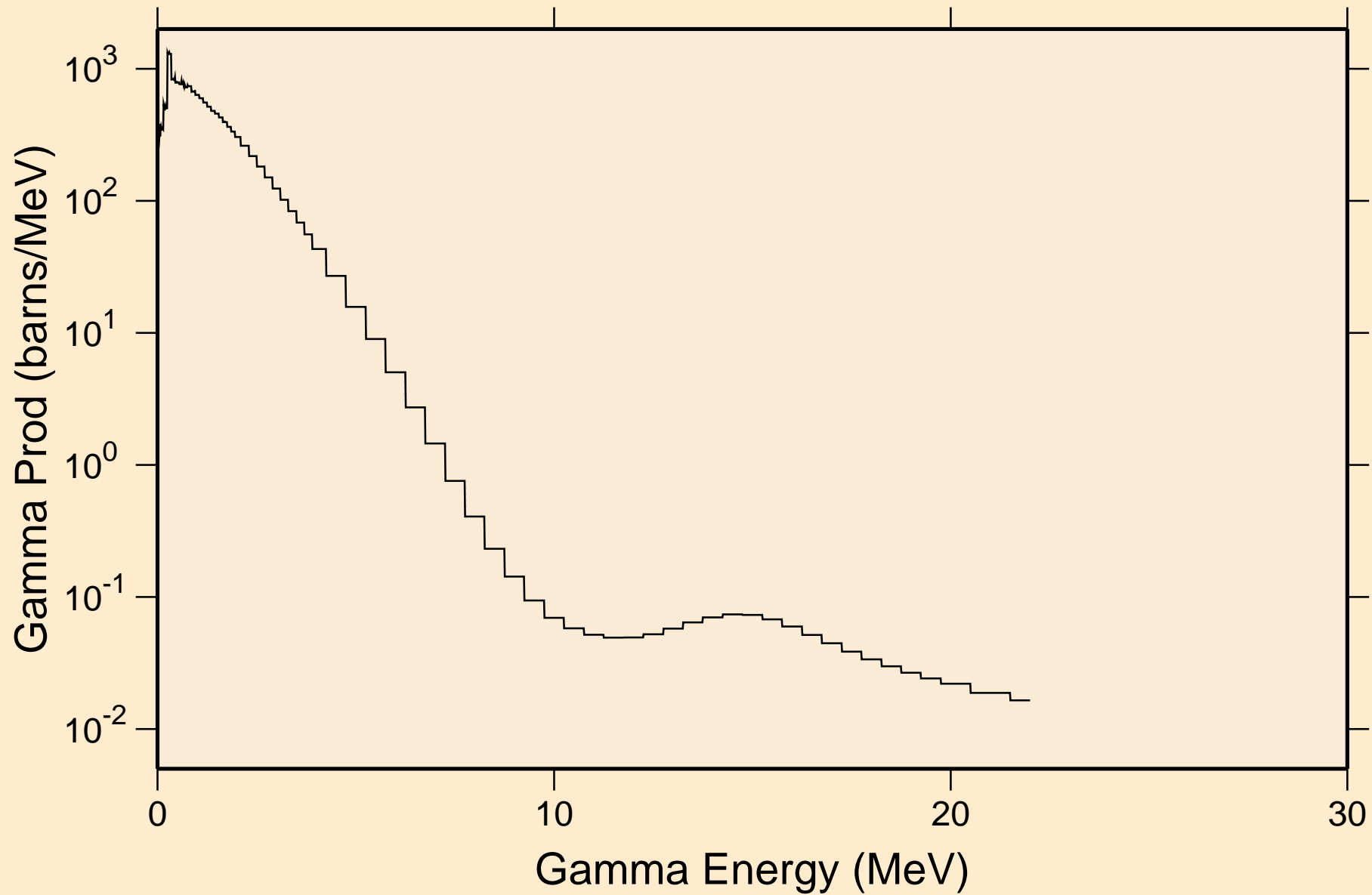




XE128 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

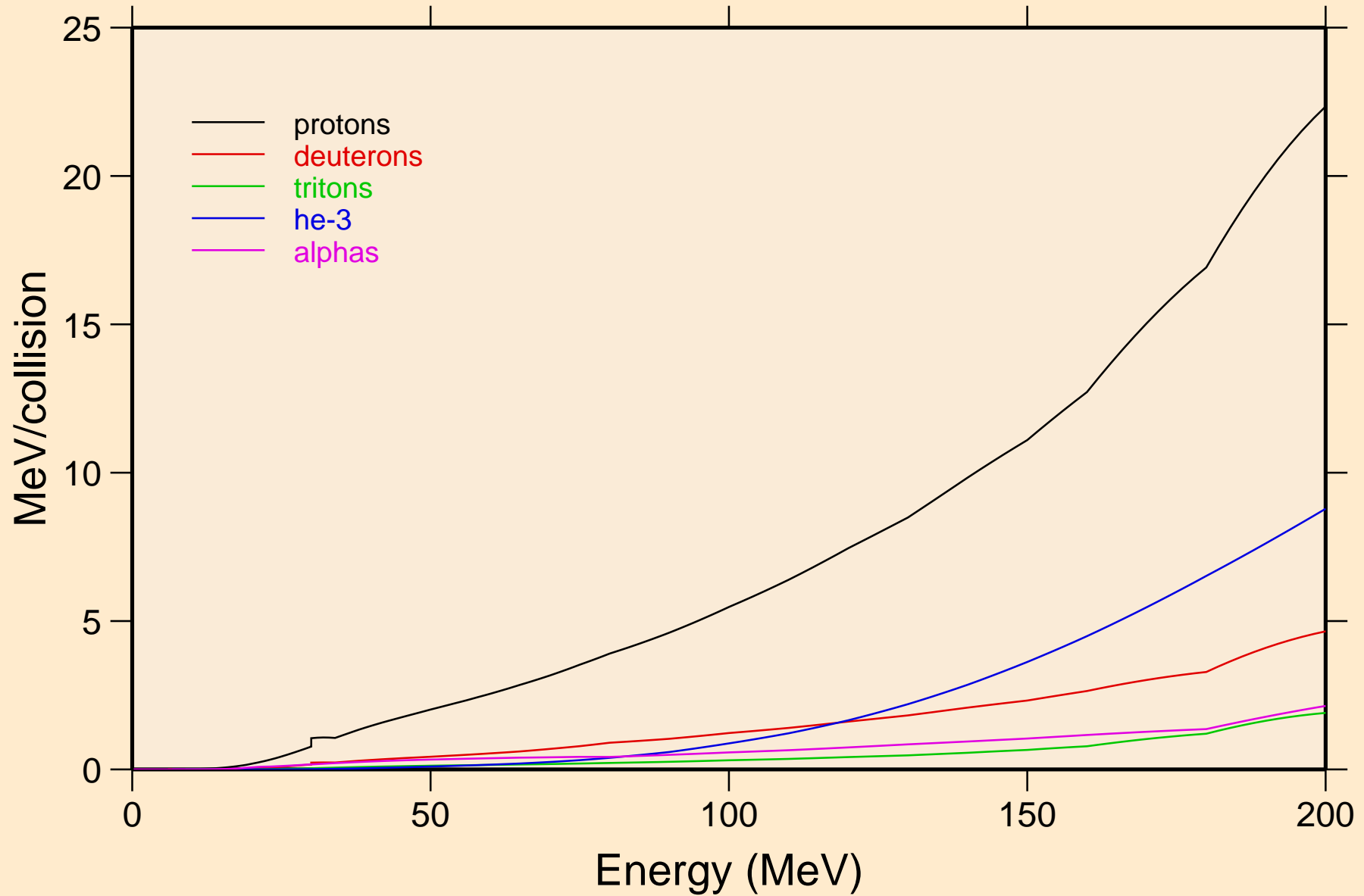


XE128 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



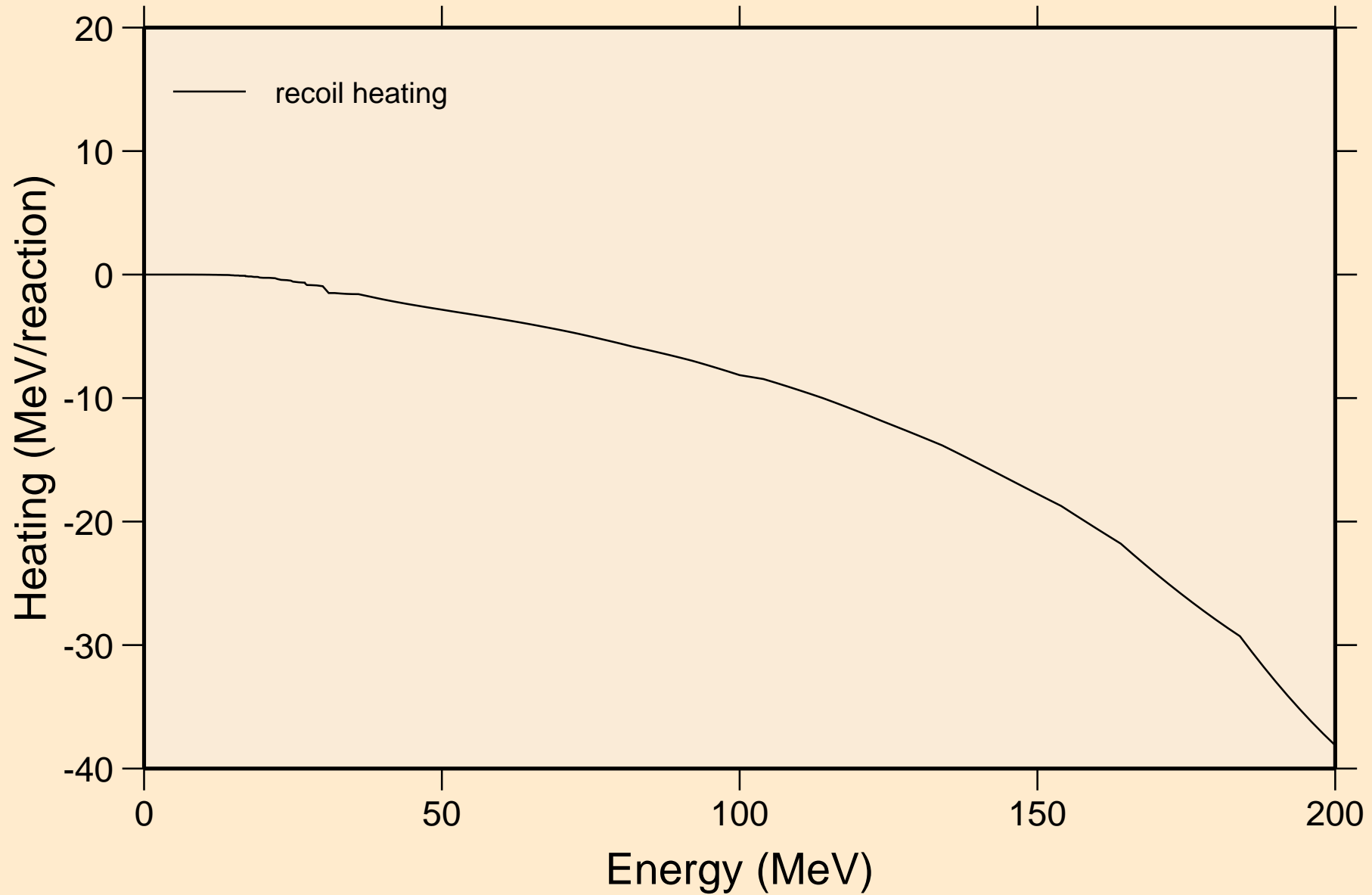
# XE128 NRG TENDL-2015, AKONING

## Particle heating contributions



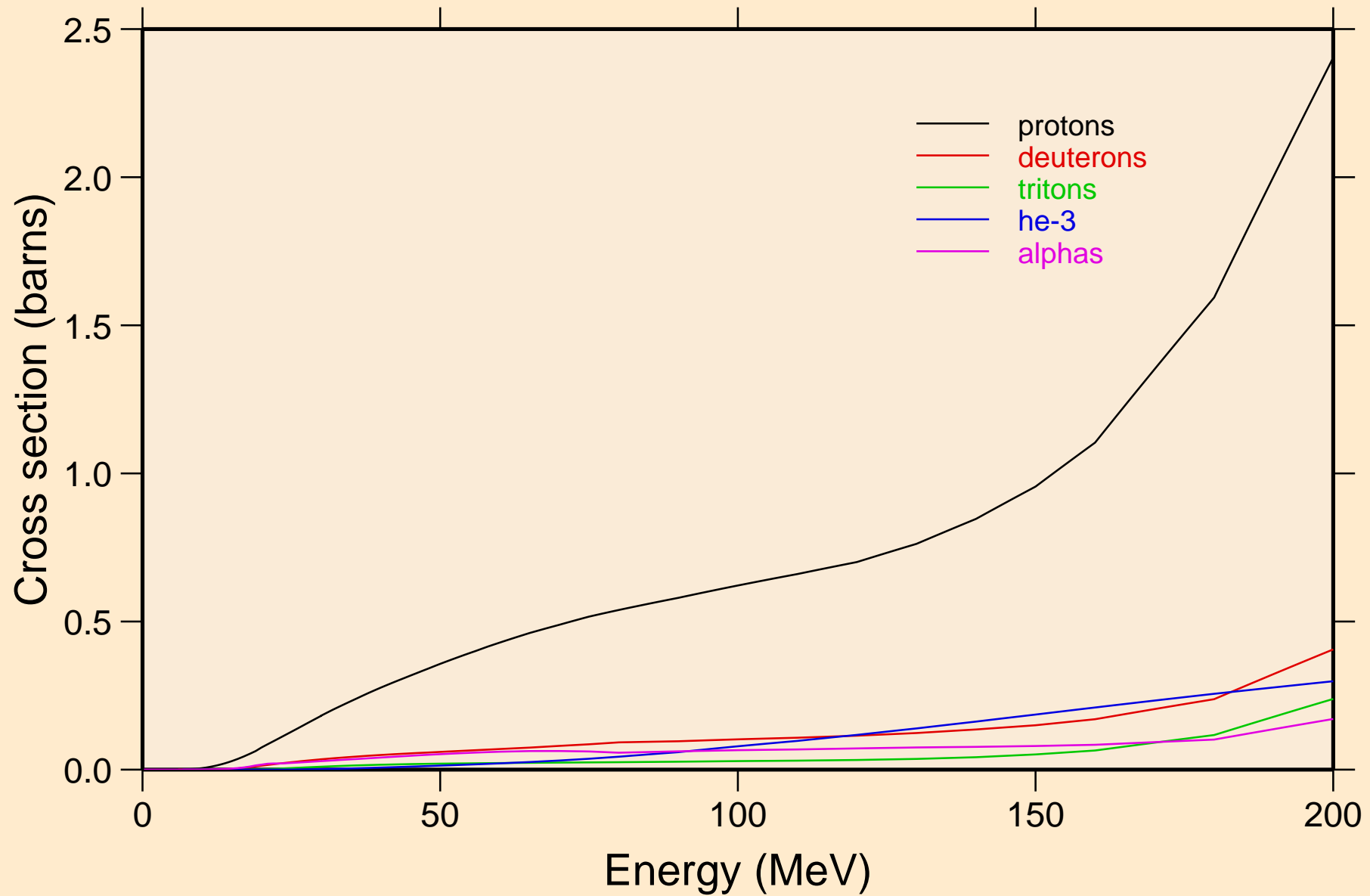
# XE128 NRG TENDL-2015, AKONING

## Recoil Heating

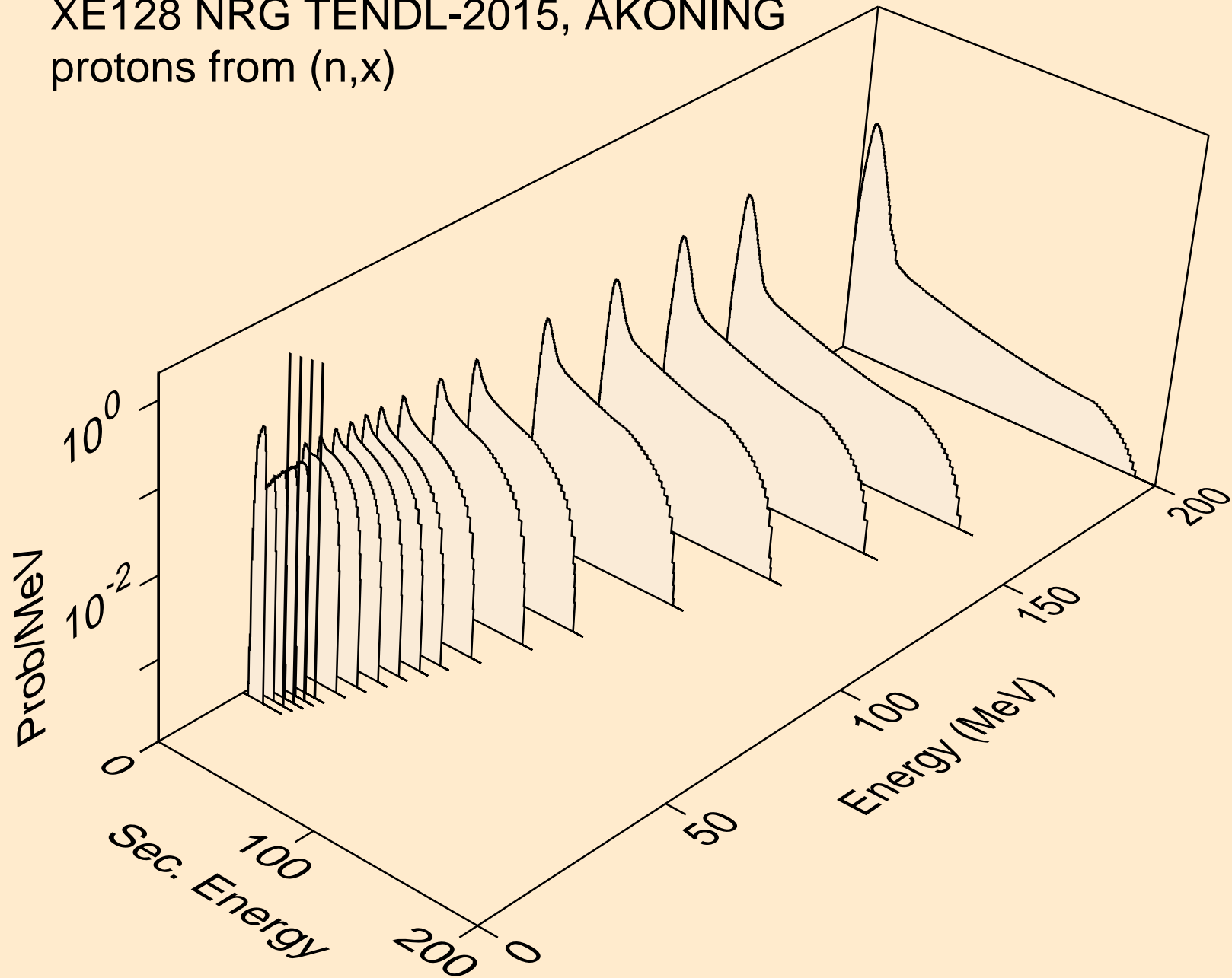


# XE128 NRG TENDL-2015, AKONING

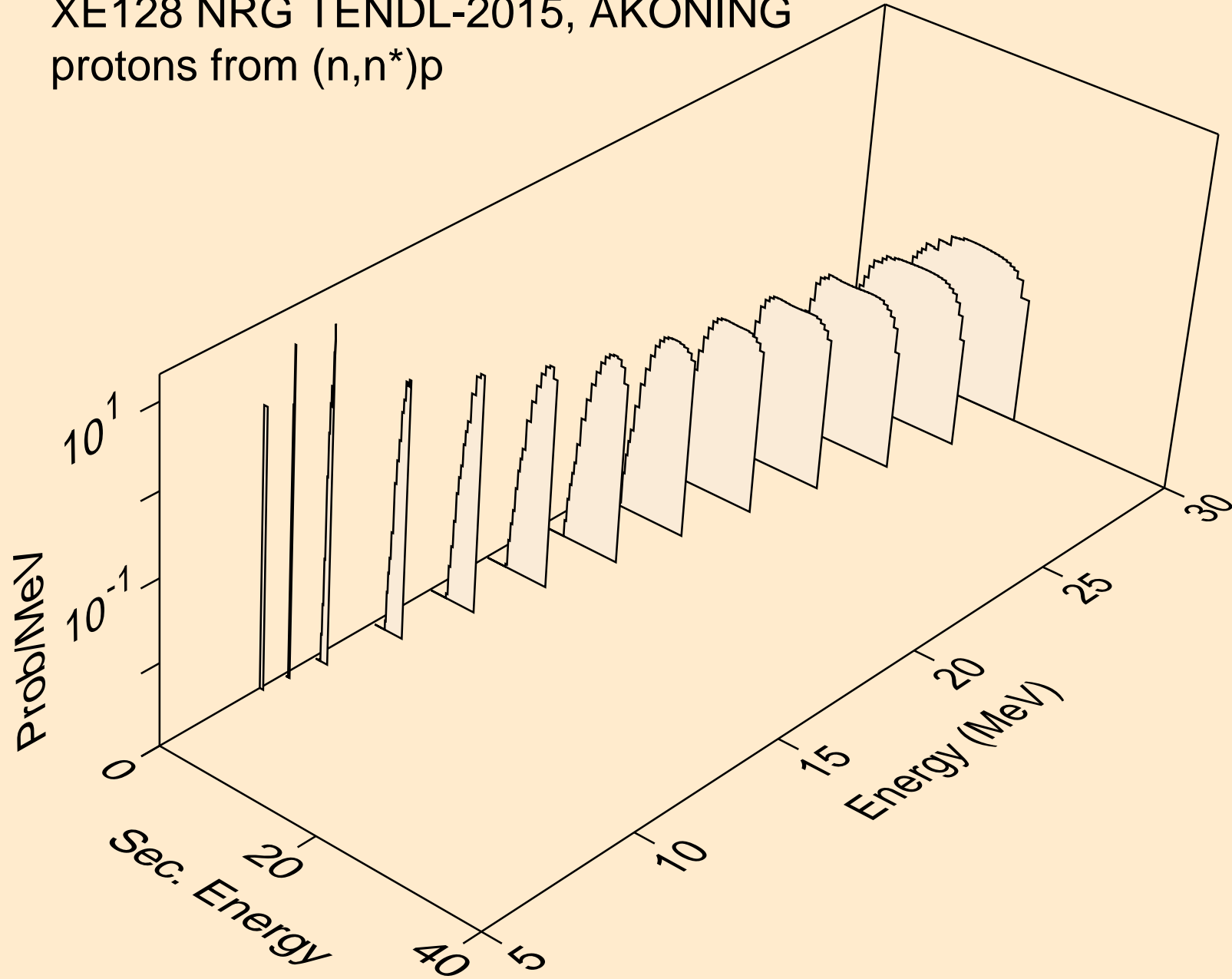
## Particle production cross sections



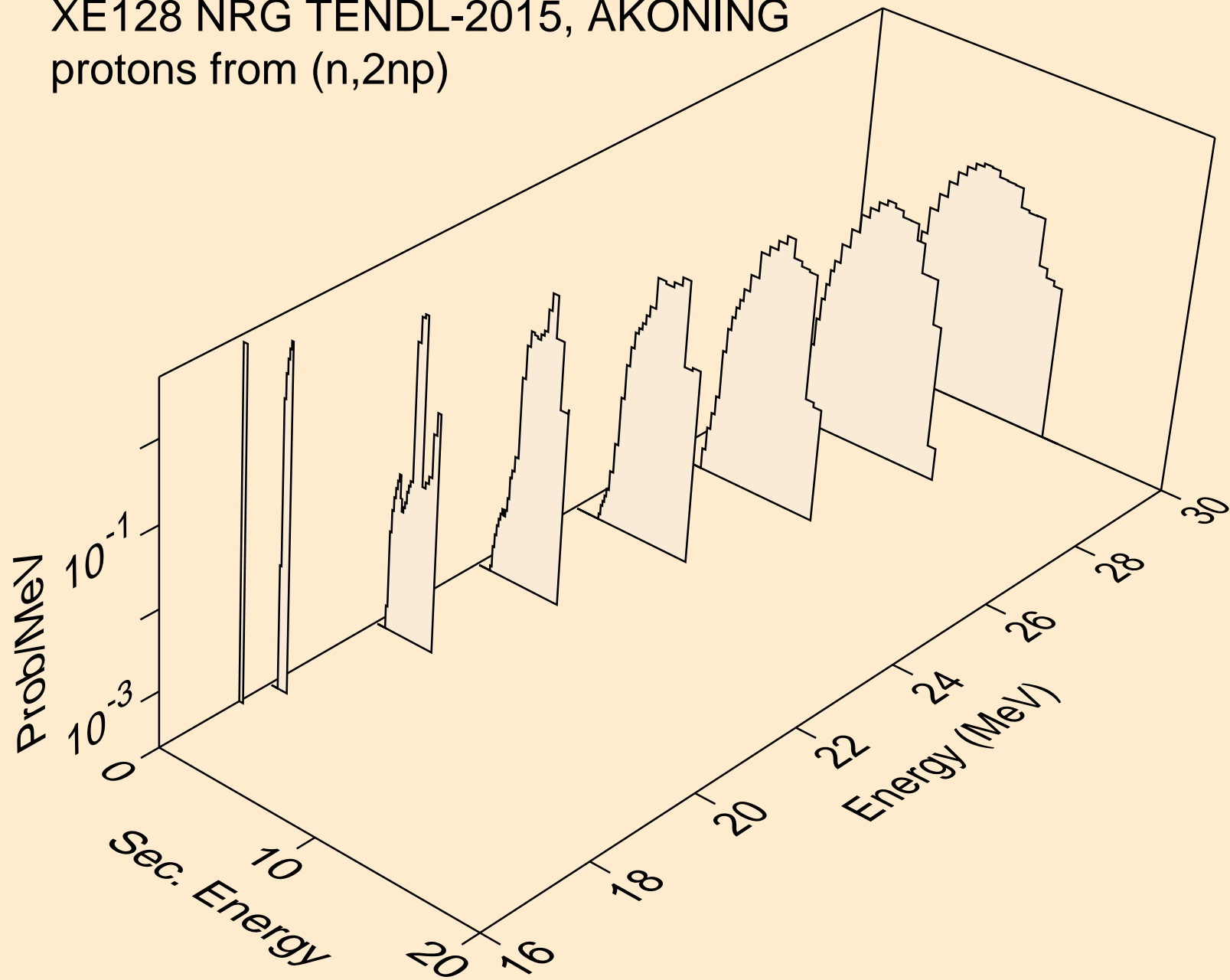
XE128 NRG TENDL-2015, AKONING  
protons from (n,x)



XE128 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

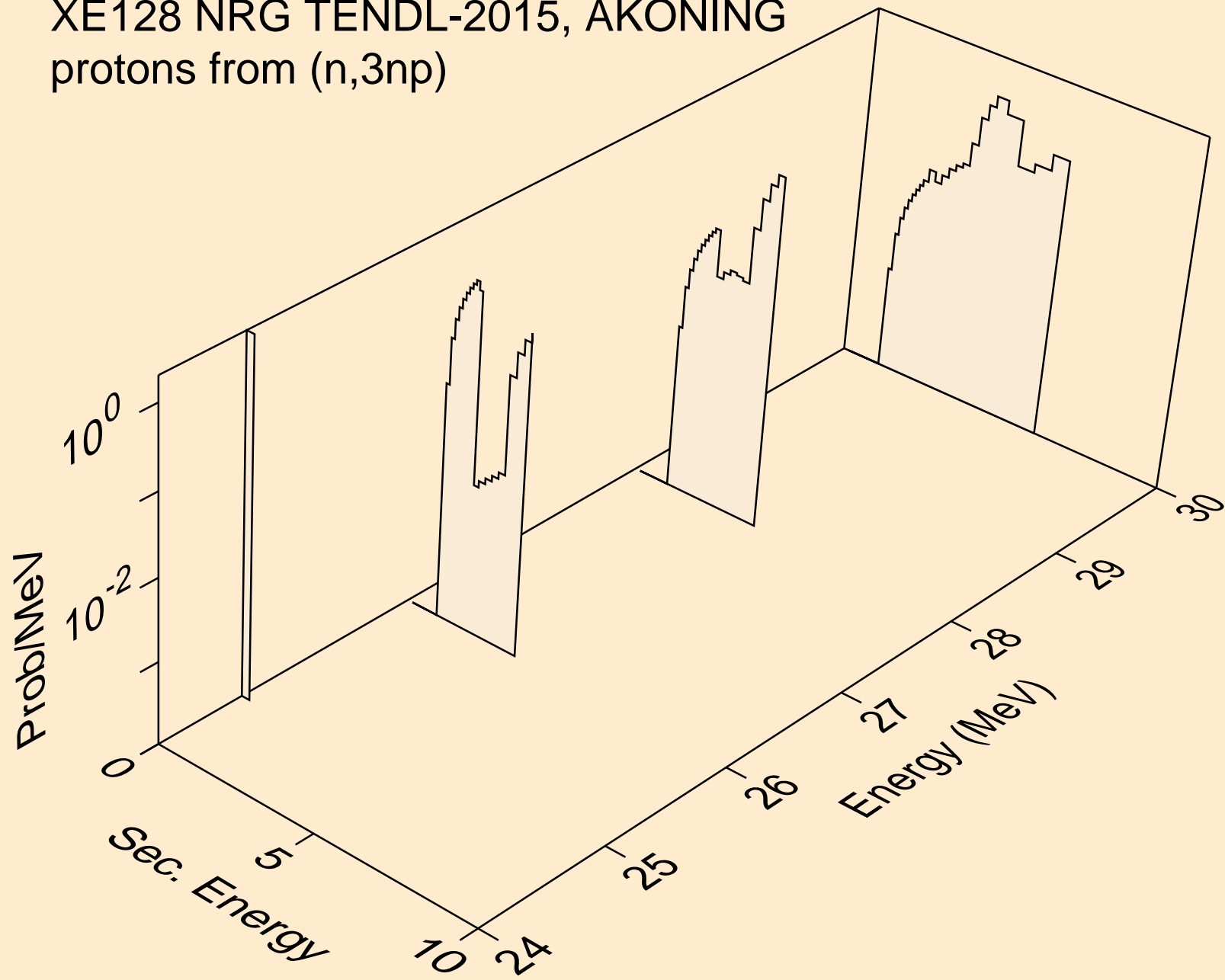


XE128 NRG TENDL-2015, AKONING  
protons from (n,2np)

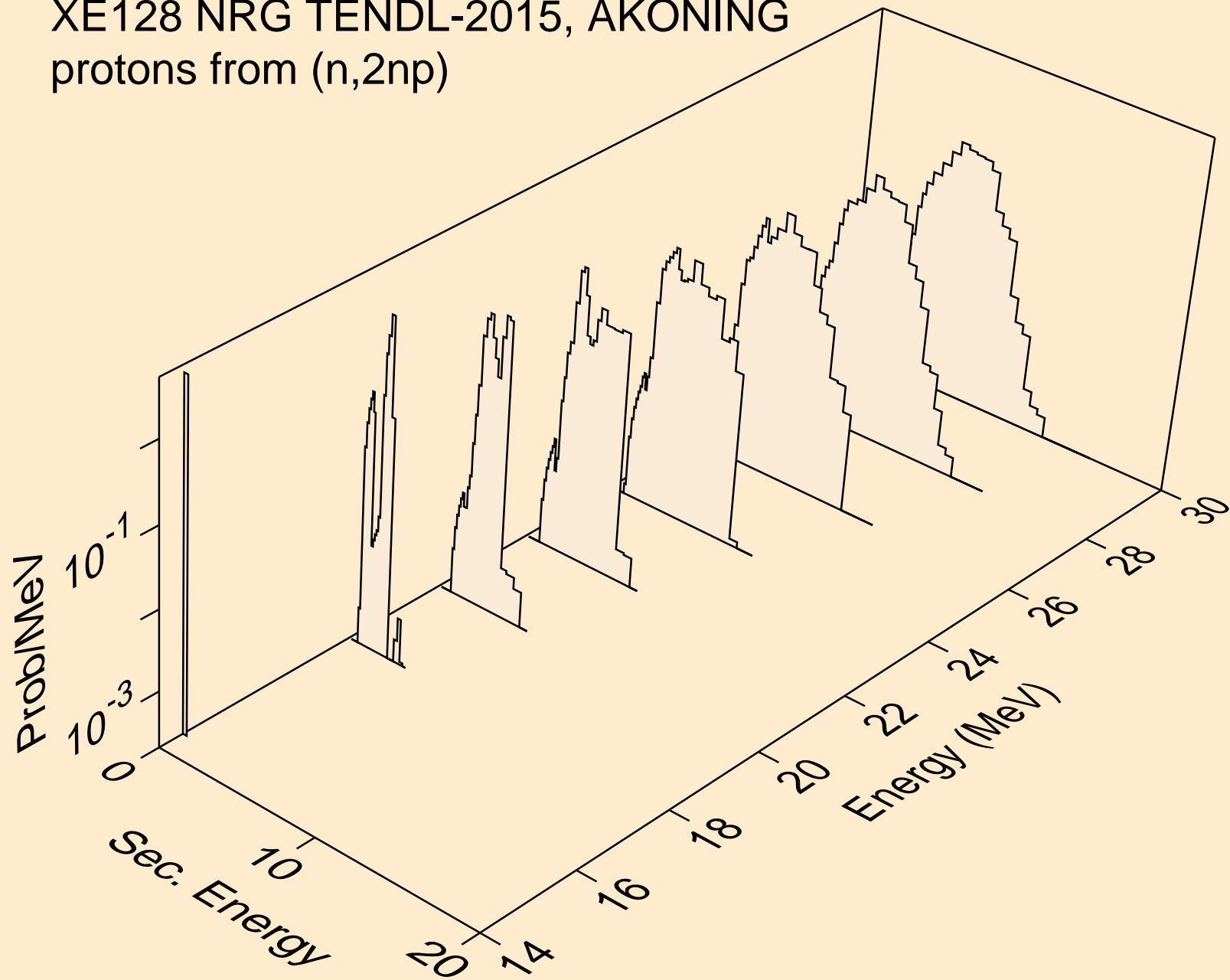




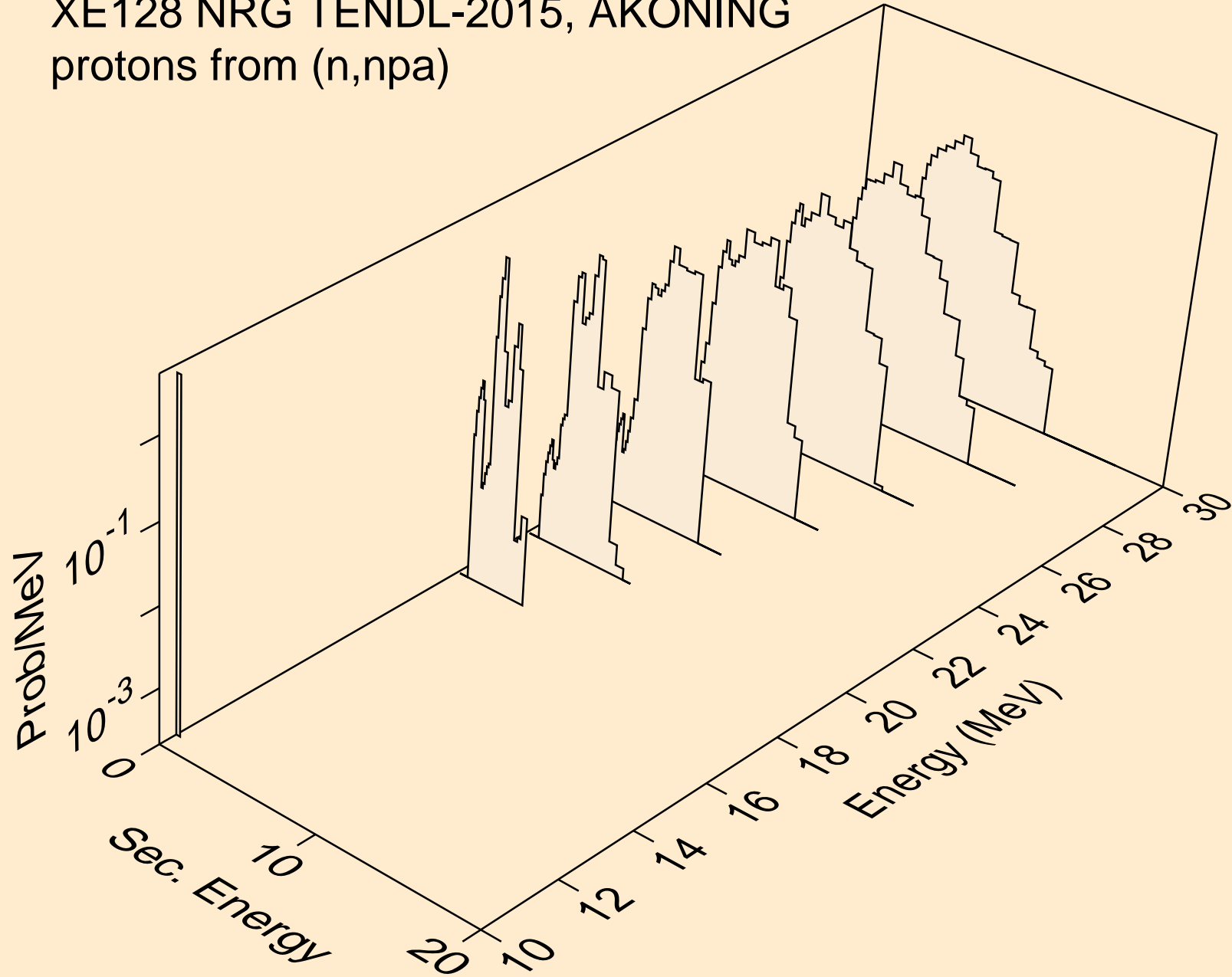
XE128 NRG TENDL-2015, AKONING  
protons from (n,3np)



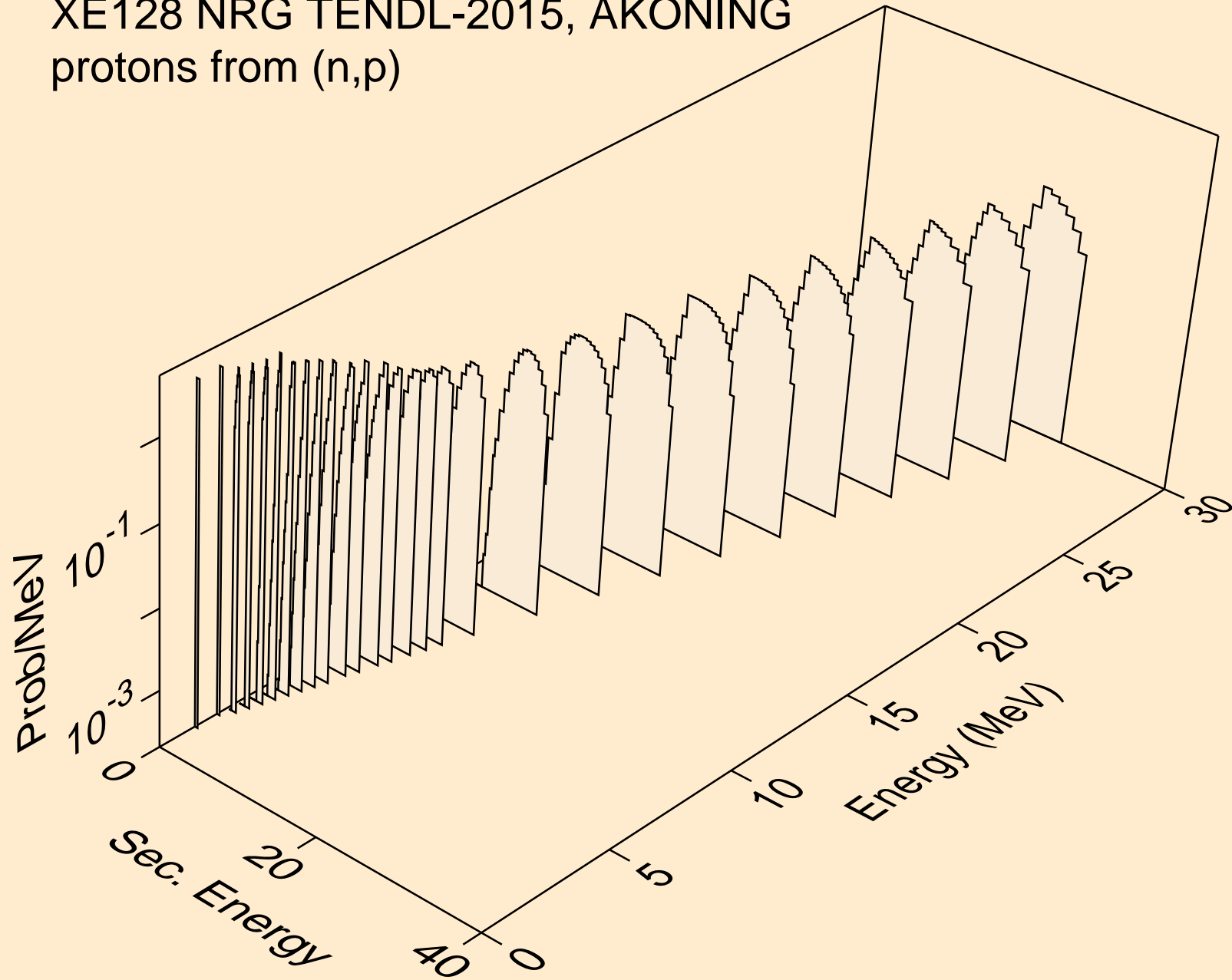
XE128 NRG TENDL-2015, AKONING  
protons from (n,2np)



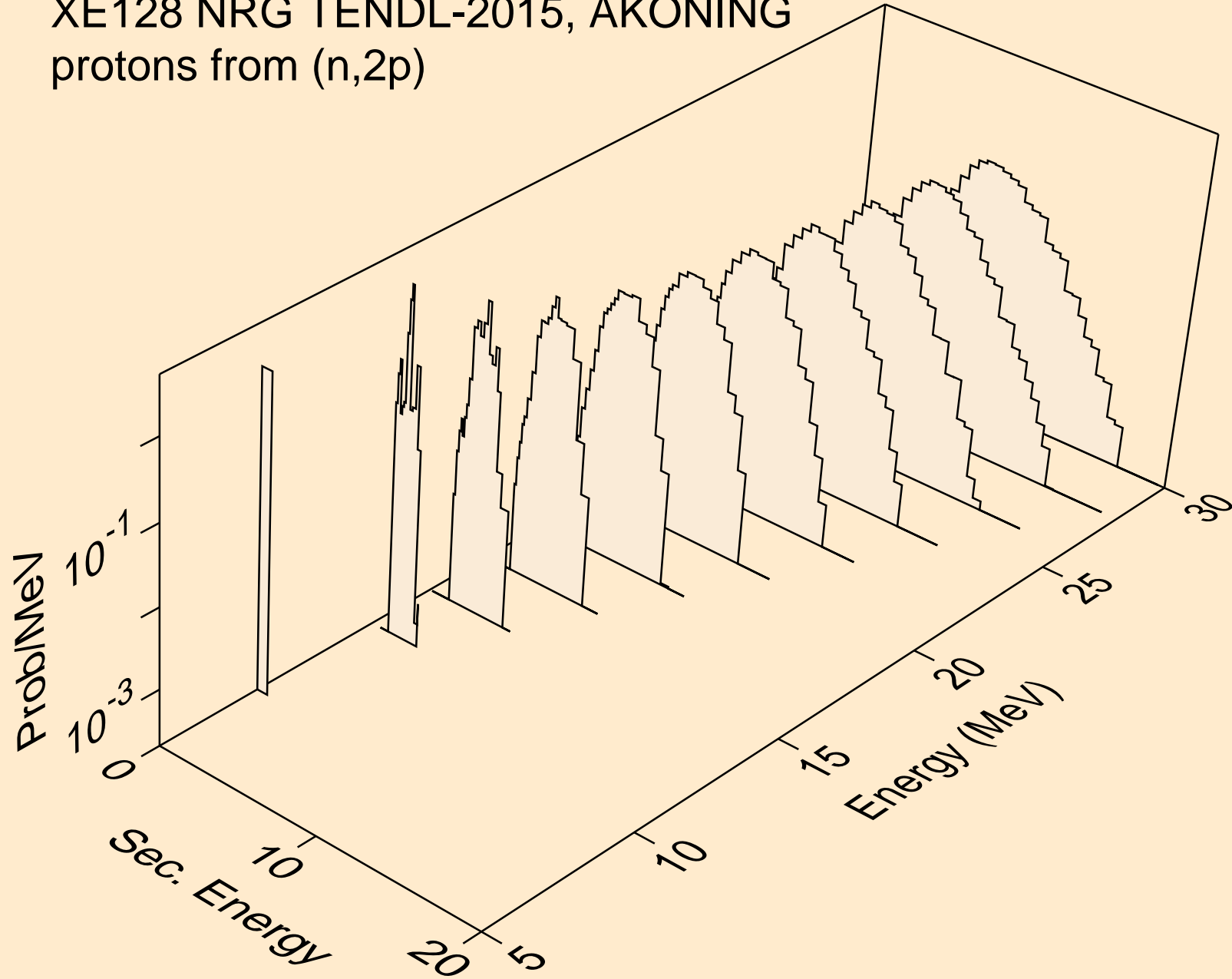
XE128 NRG TENDL-2015, AKONING  
protons from (n,npa)



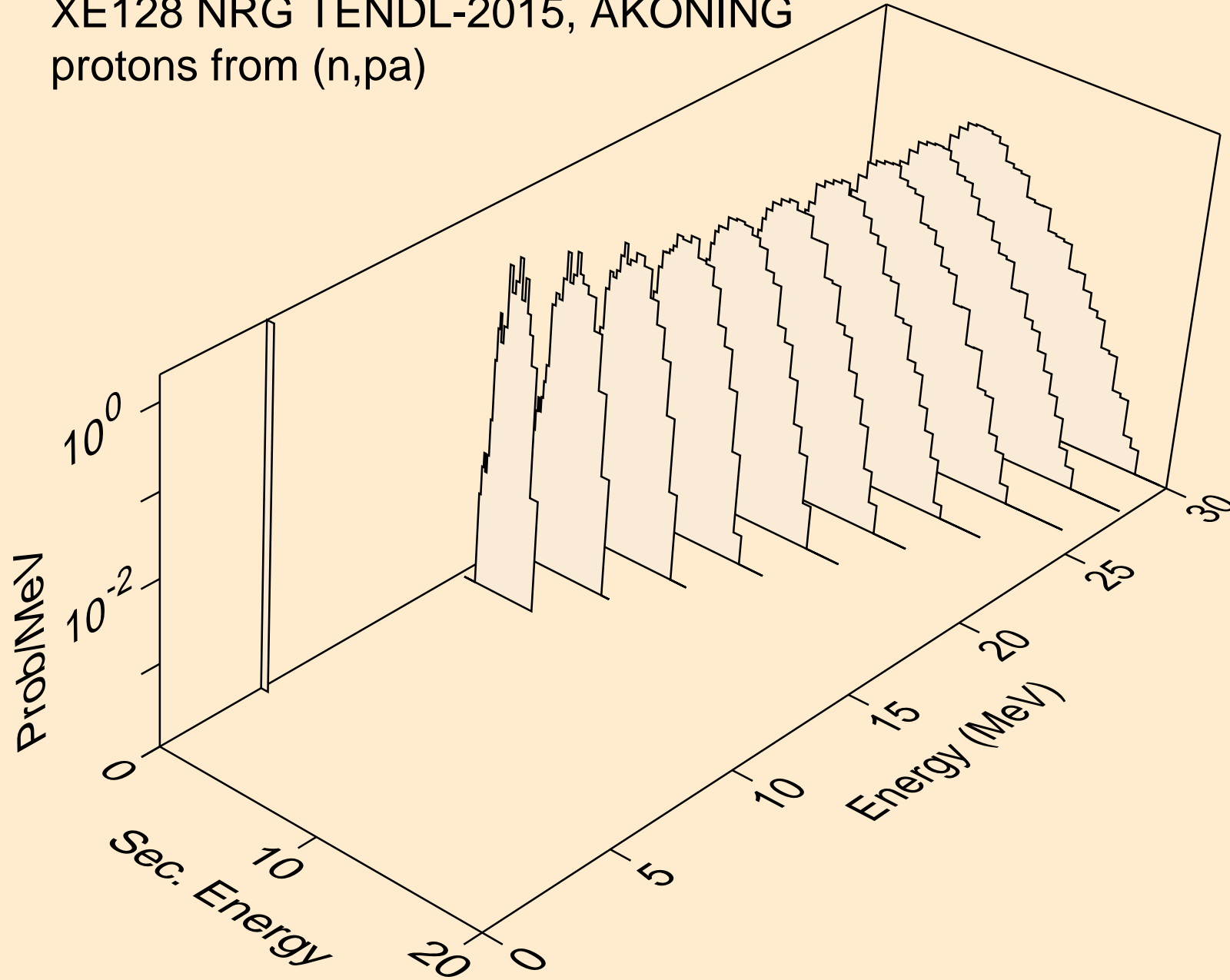
XE128 NRG TENDL-2015, AKONING  
protons from (n,p)



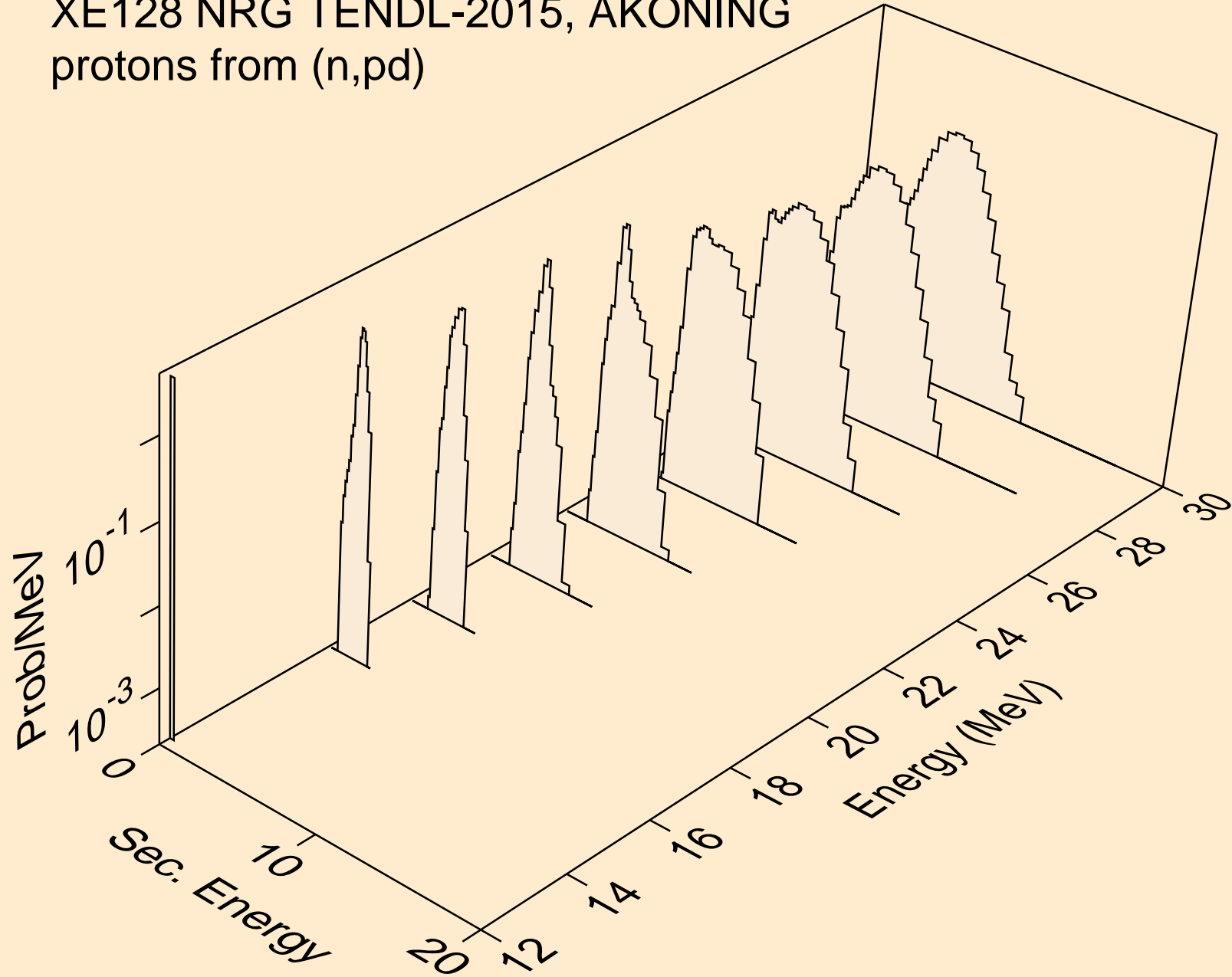
XE128 NRG TENDL-2015, AKONING  
protons from (n,2p)



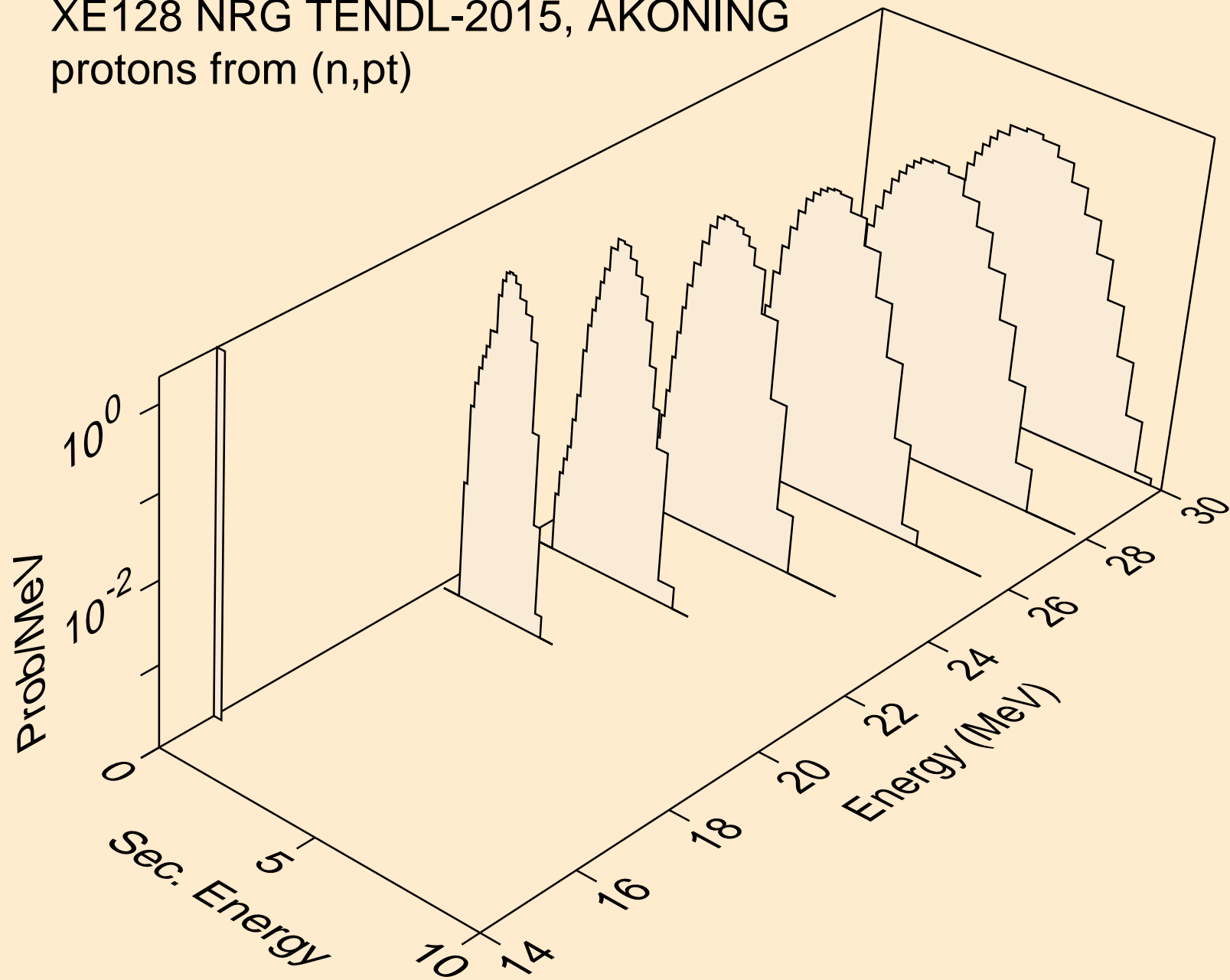
XE128 NRG TENDL-2015, AKONING  
protons from (n,pa)



XE128 NRG TENDL-2015, AKONING  
protons from (n,pd)

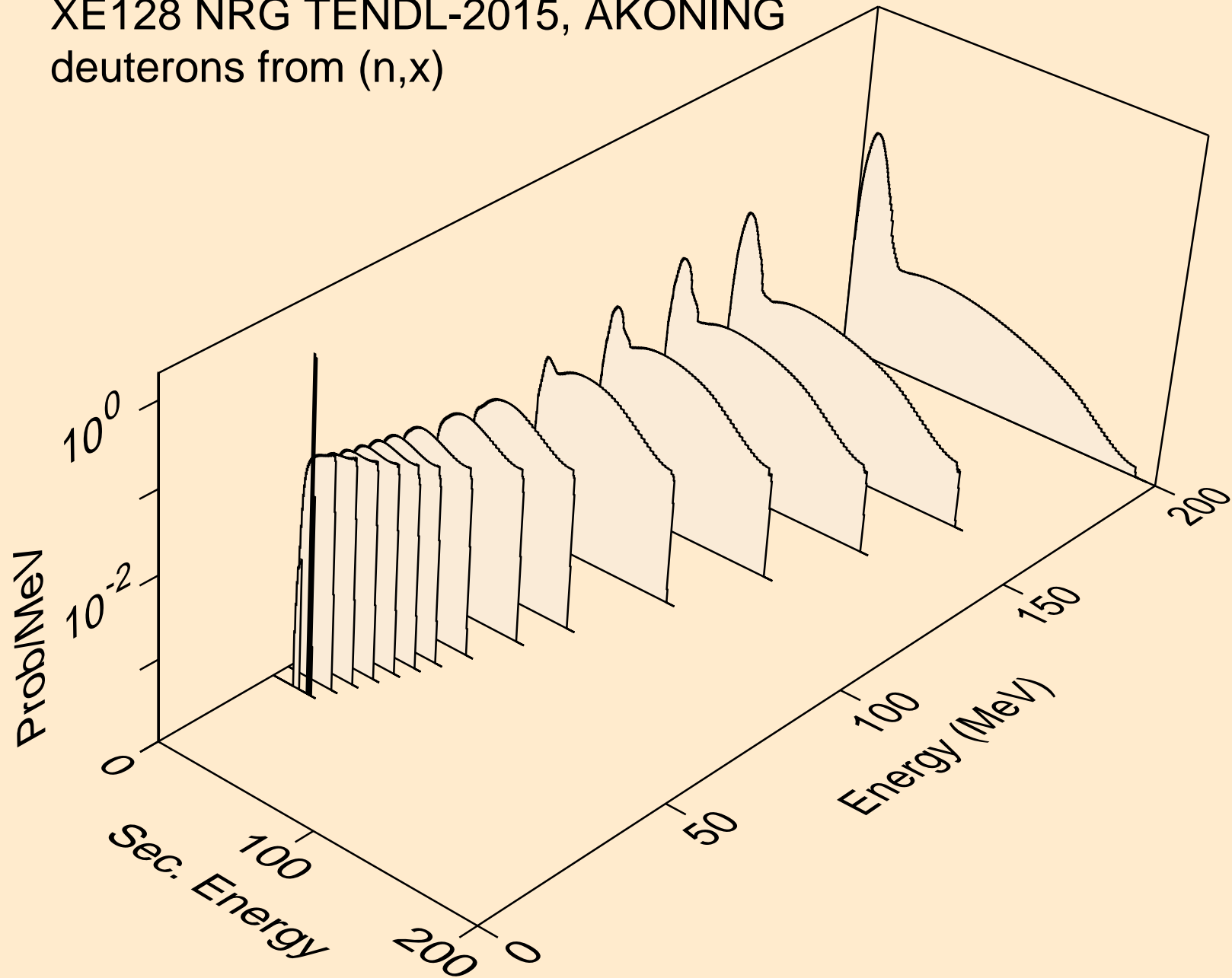


XE128 NRG TENDL-2015, AKONING  
protons from (n,pt)

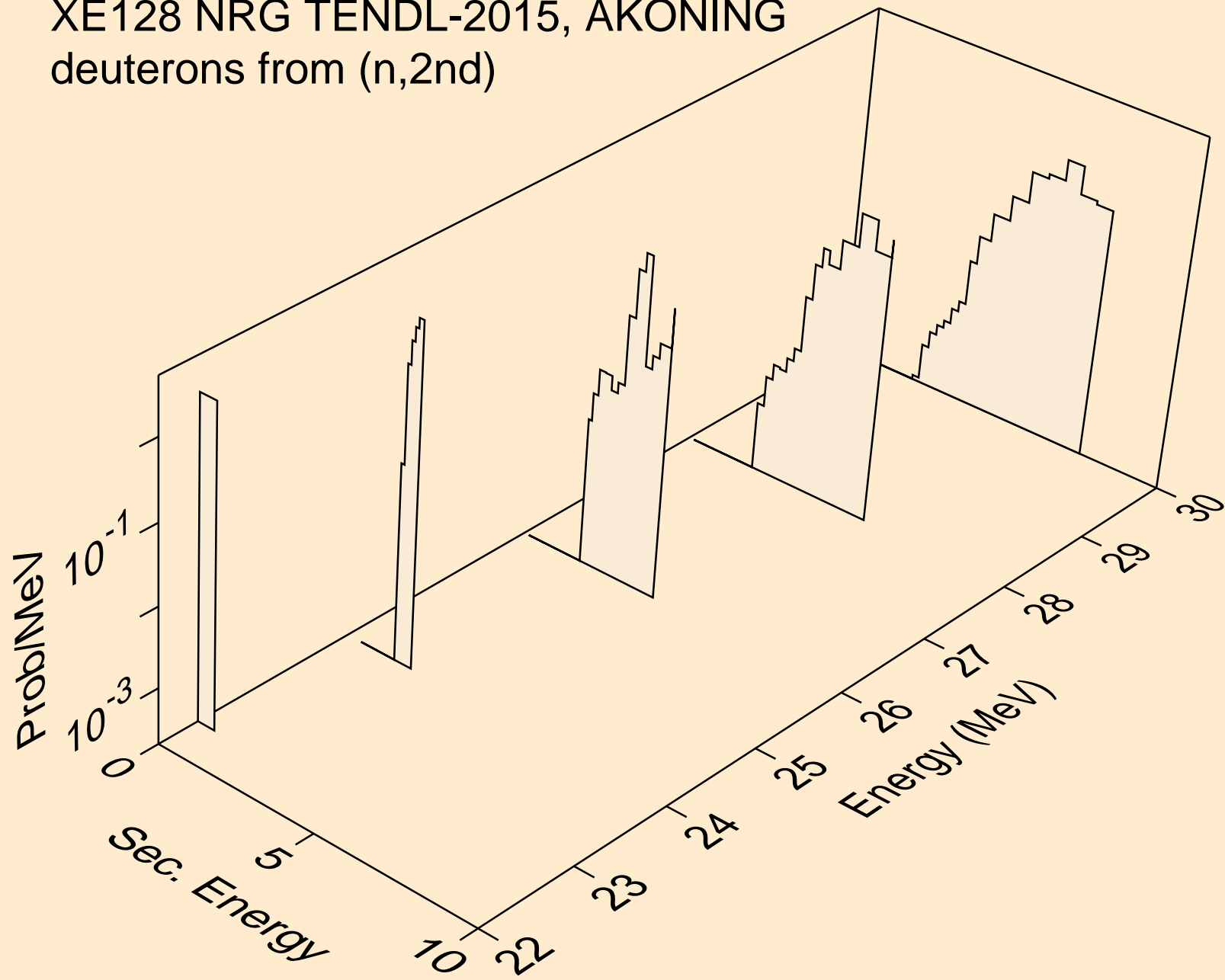




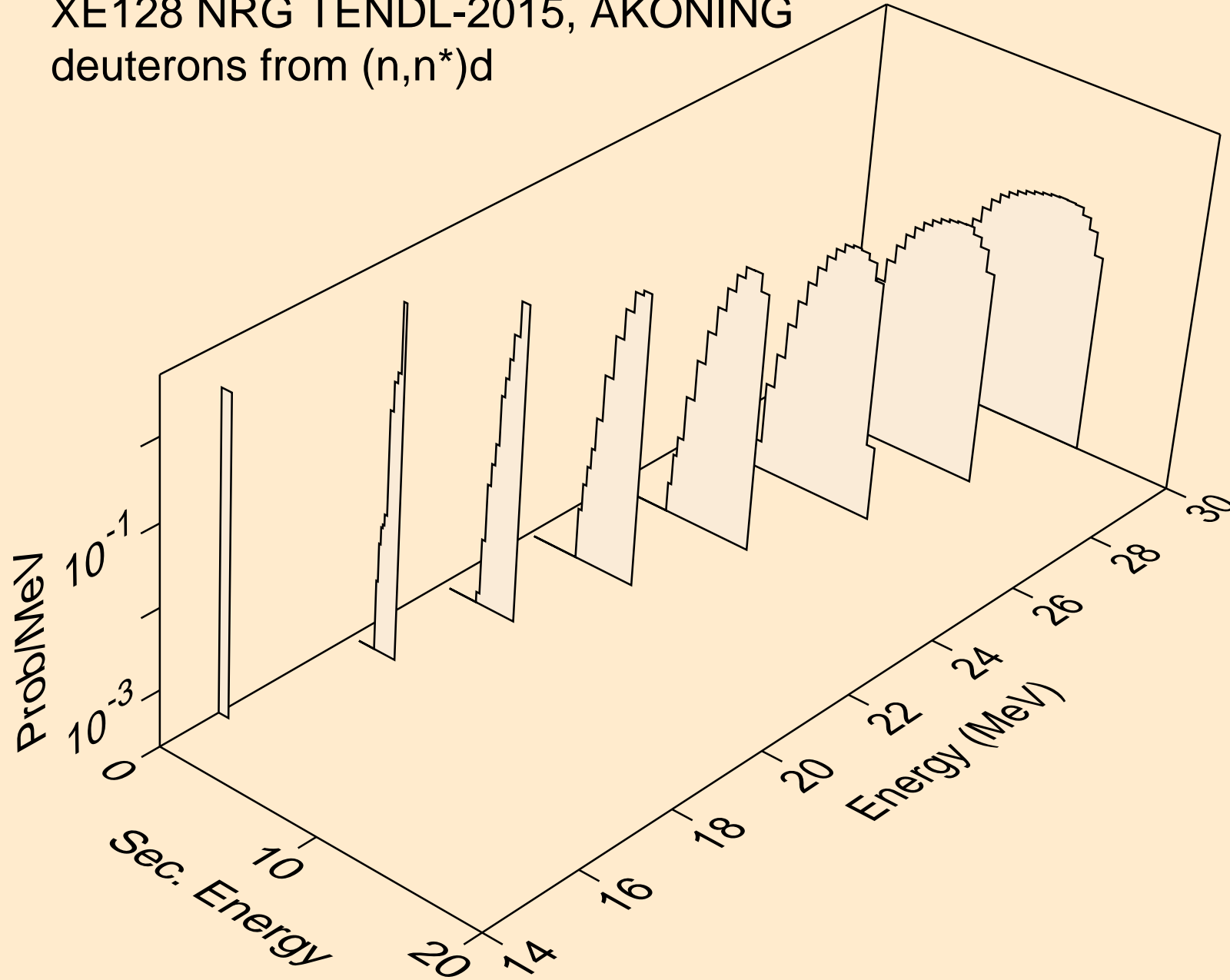
XE128 NRG TENDL-2015, AKONING  
deuterons from (n,x)



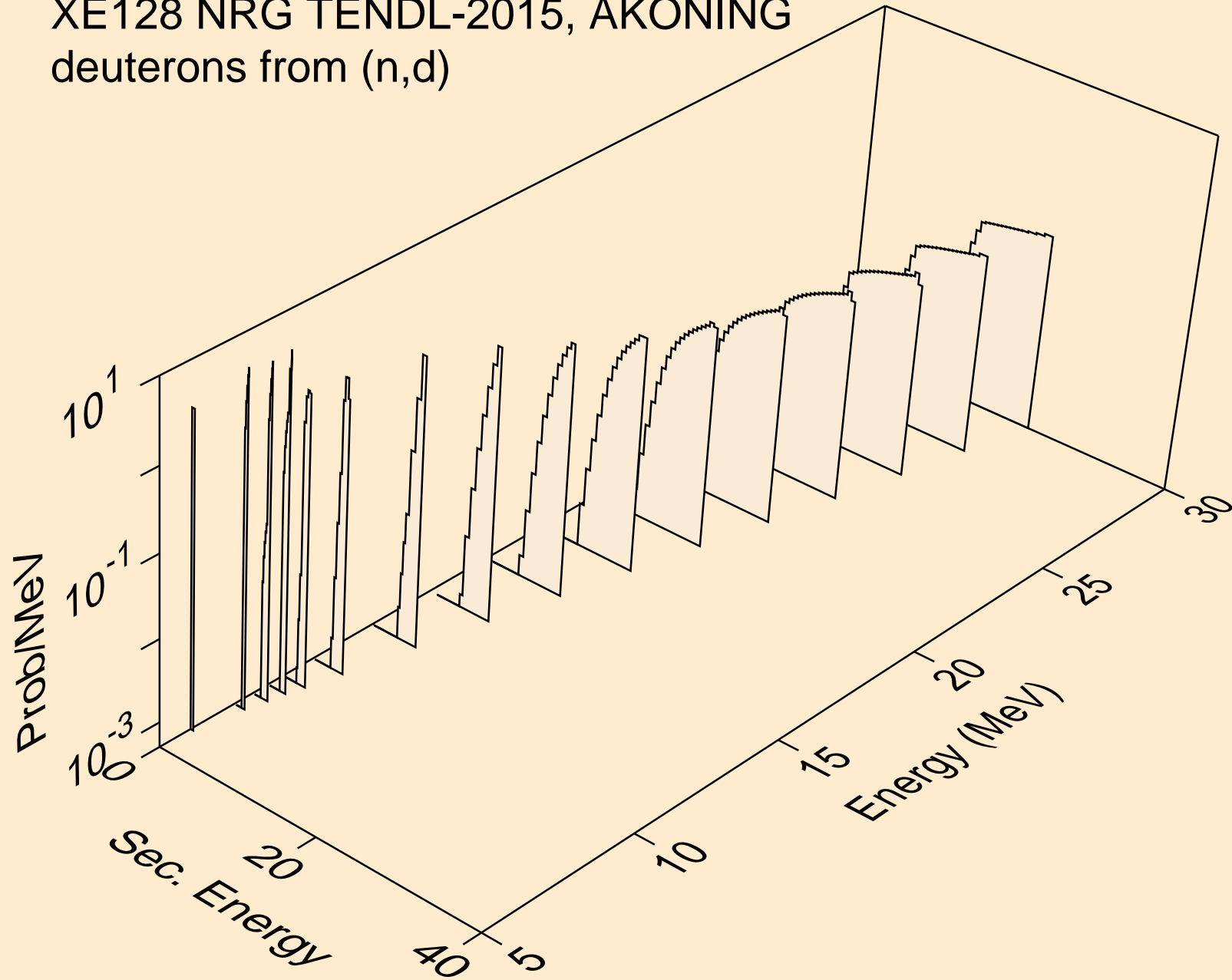
XE128 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



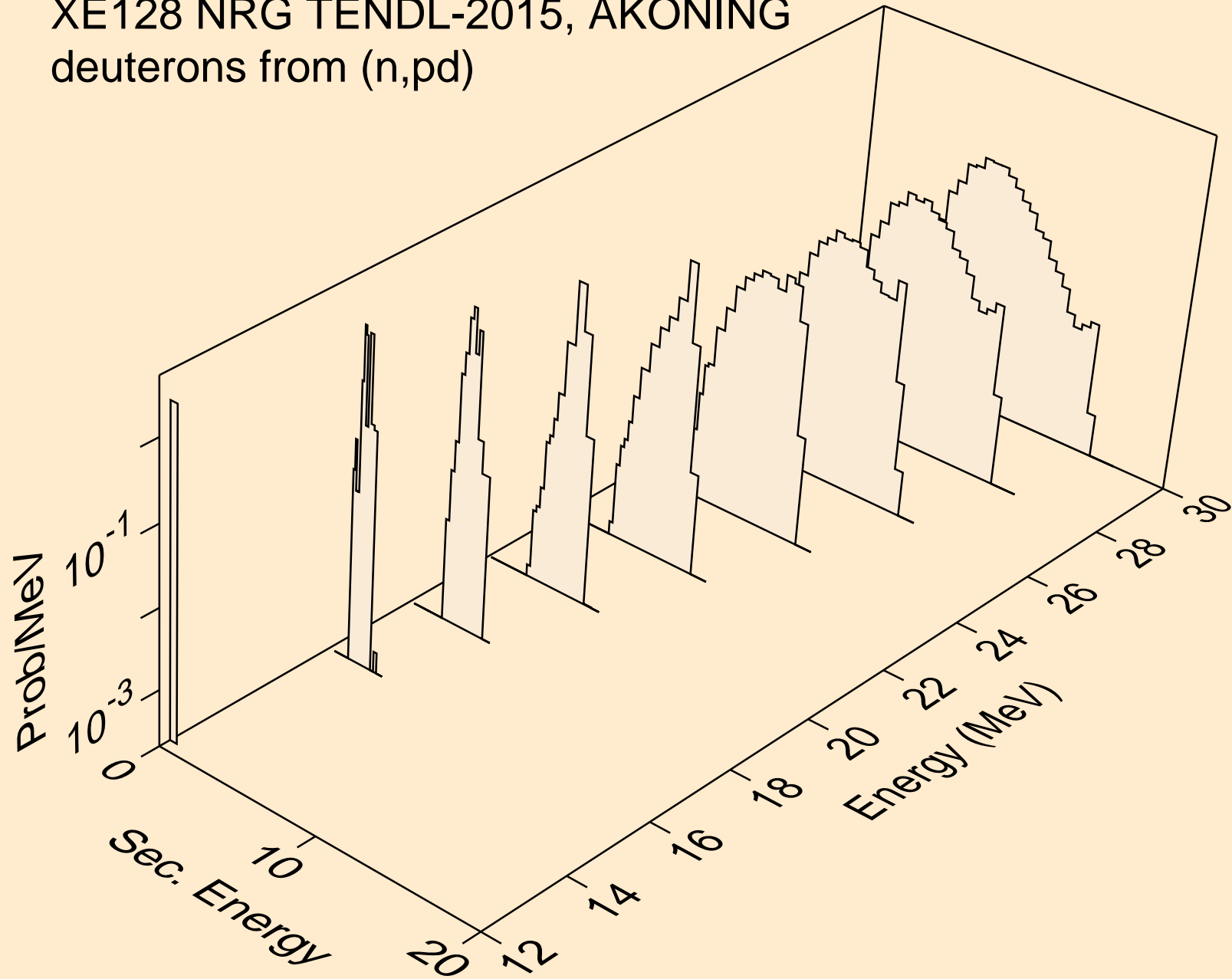
XE128 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



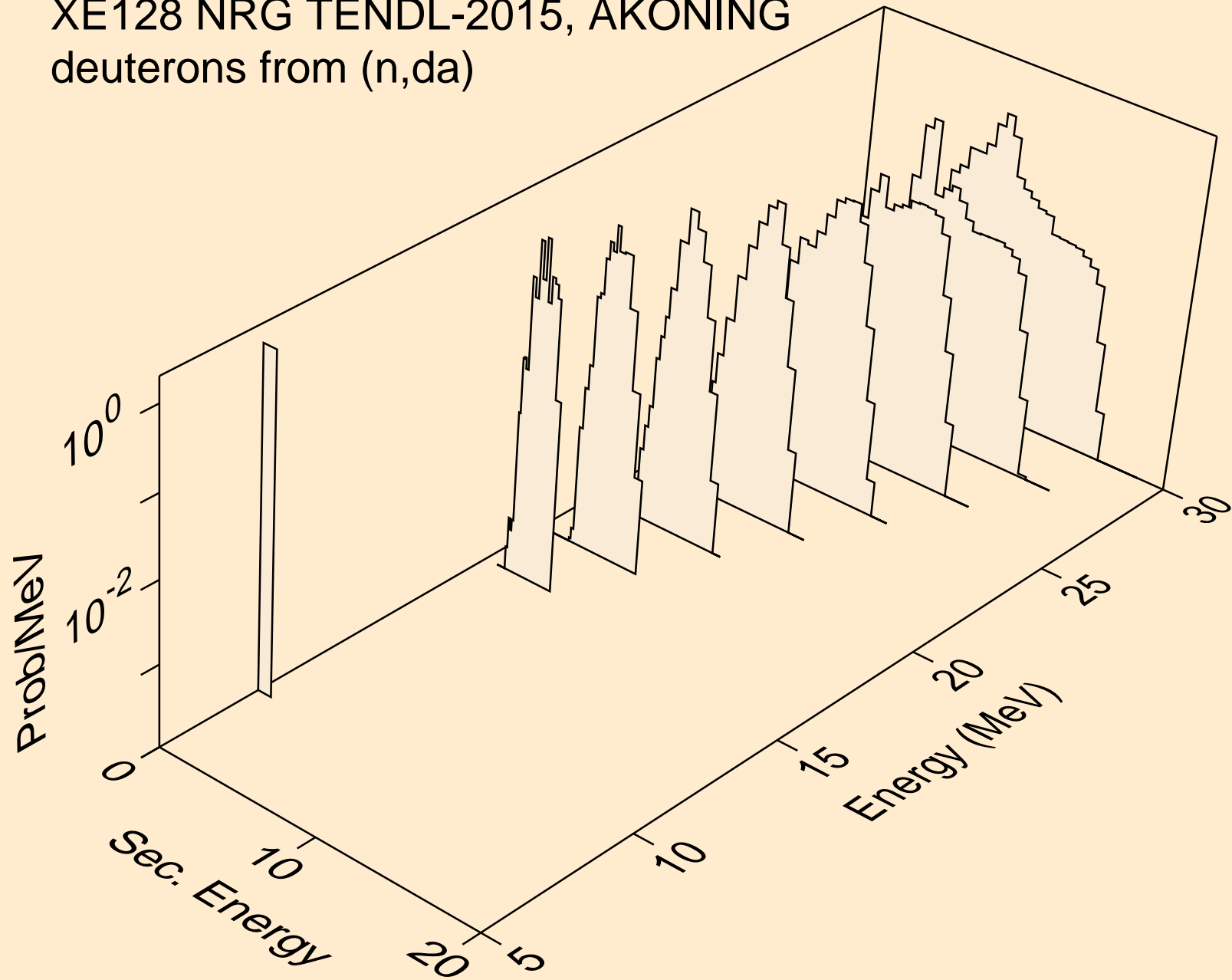
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deuterons from (n,d)



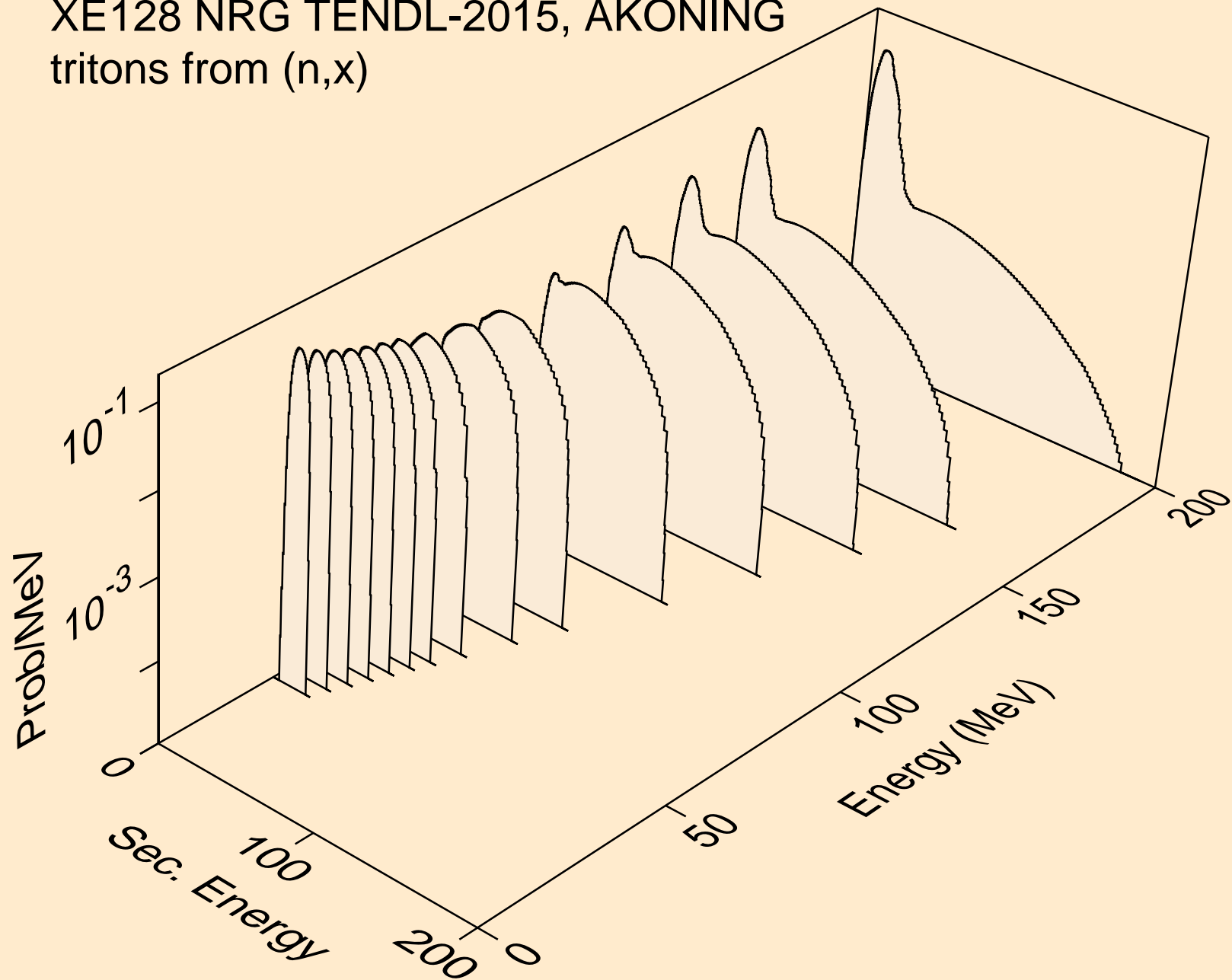
XE128 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



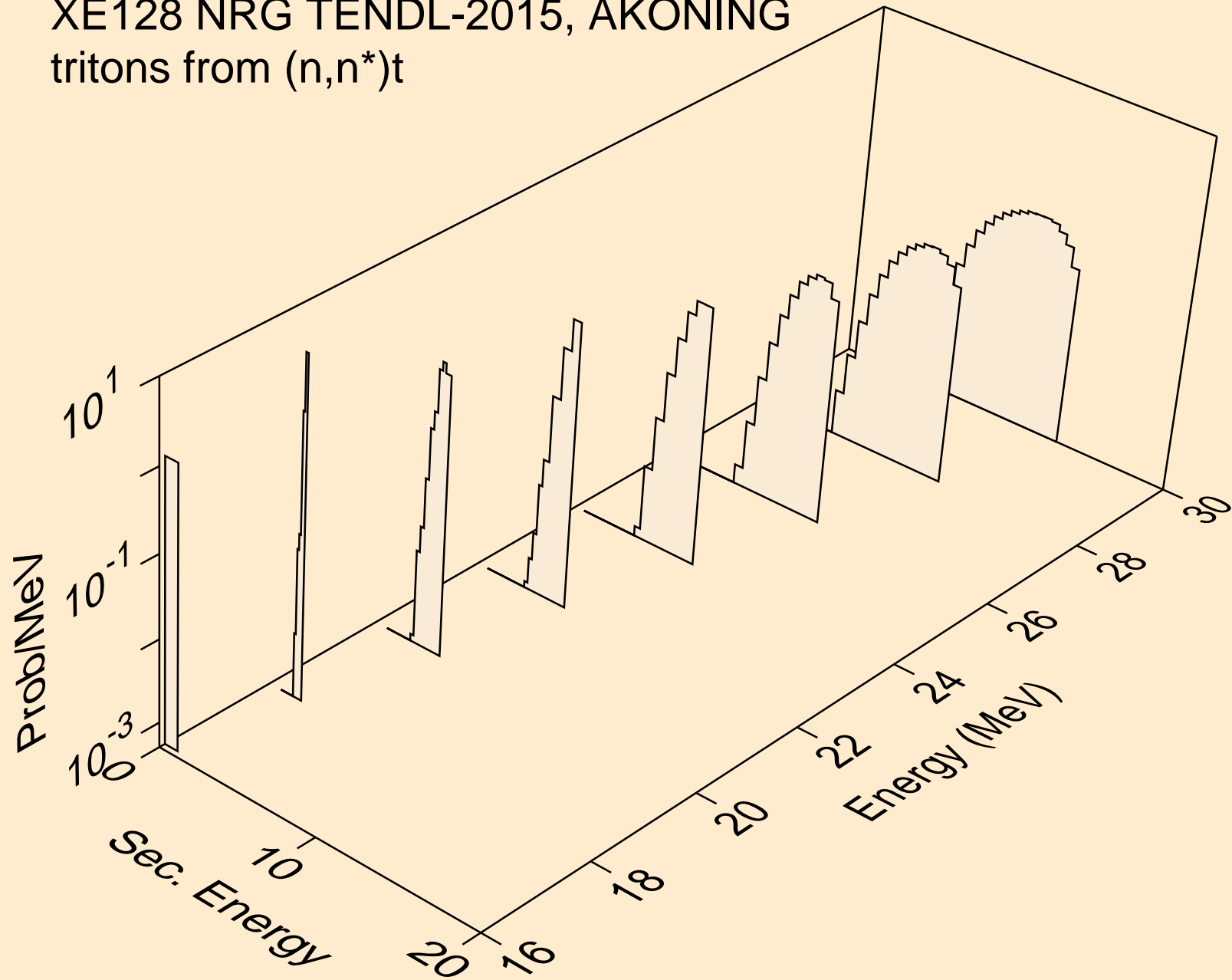
XE128 NRG TENDL-2015, AKONING  
deuterons from (n,da)



XE128 NRG TENDL-2015, AKONING  
tritons from (n,x)

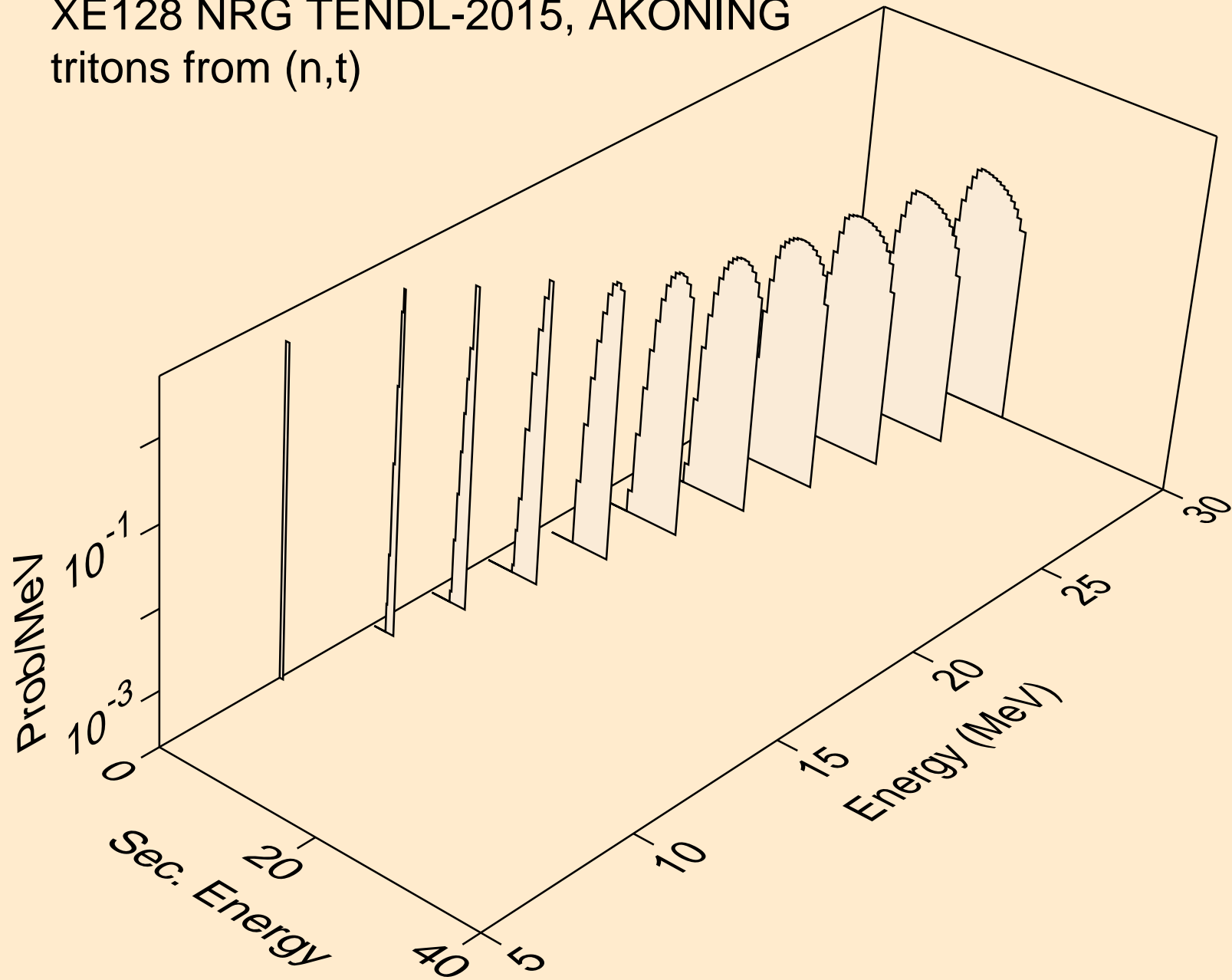


XE128 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

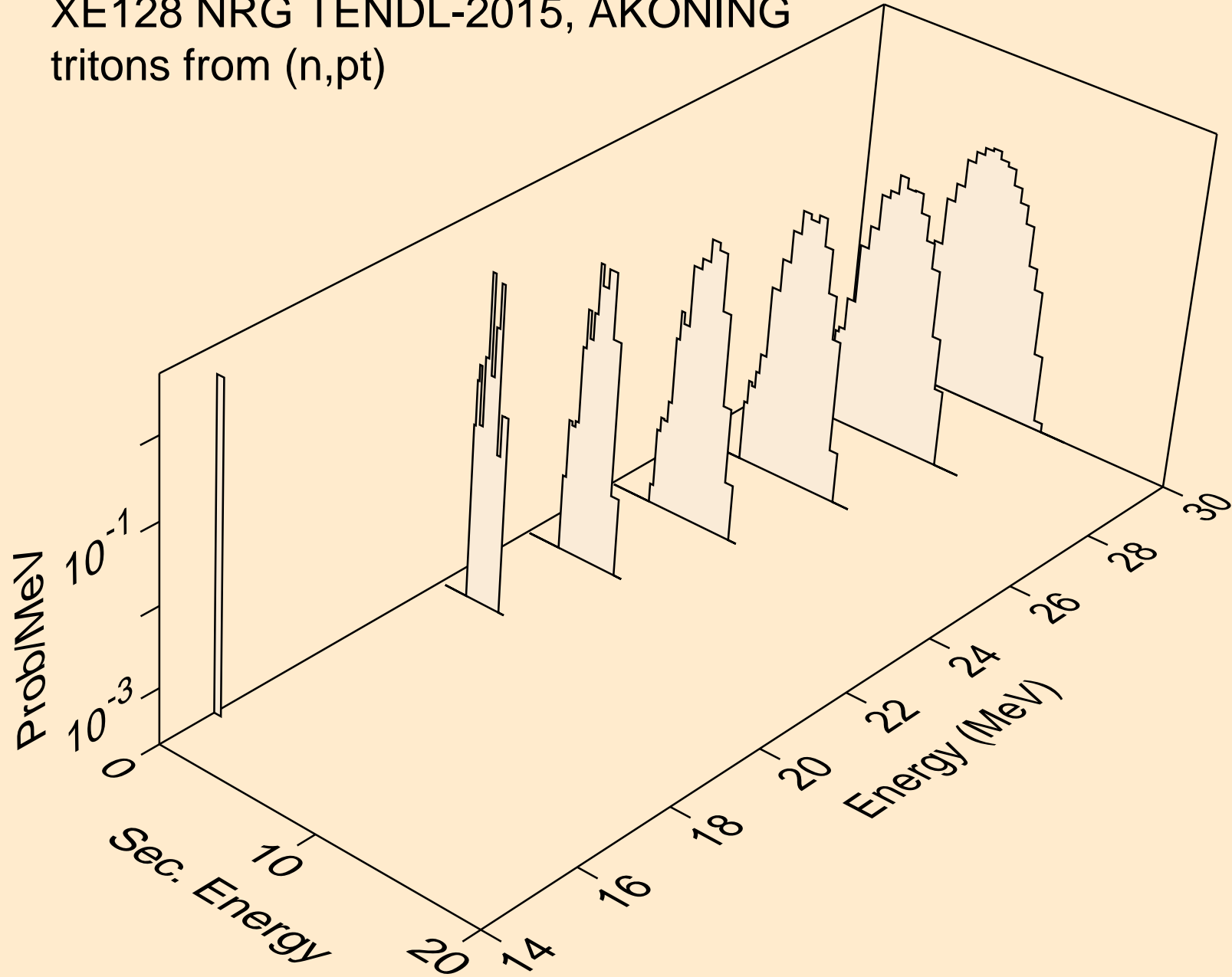




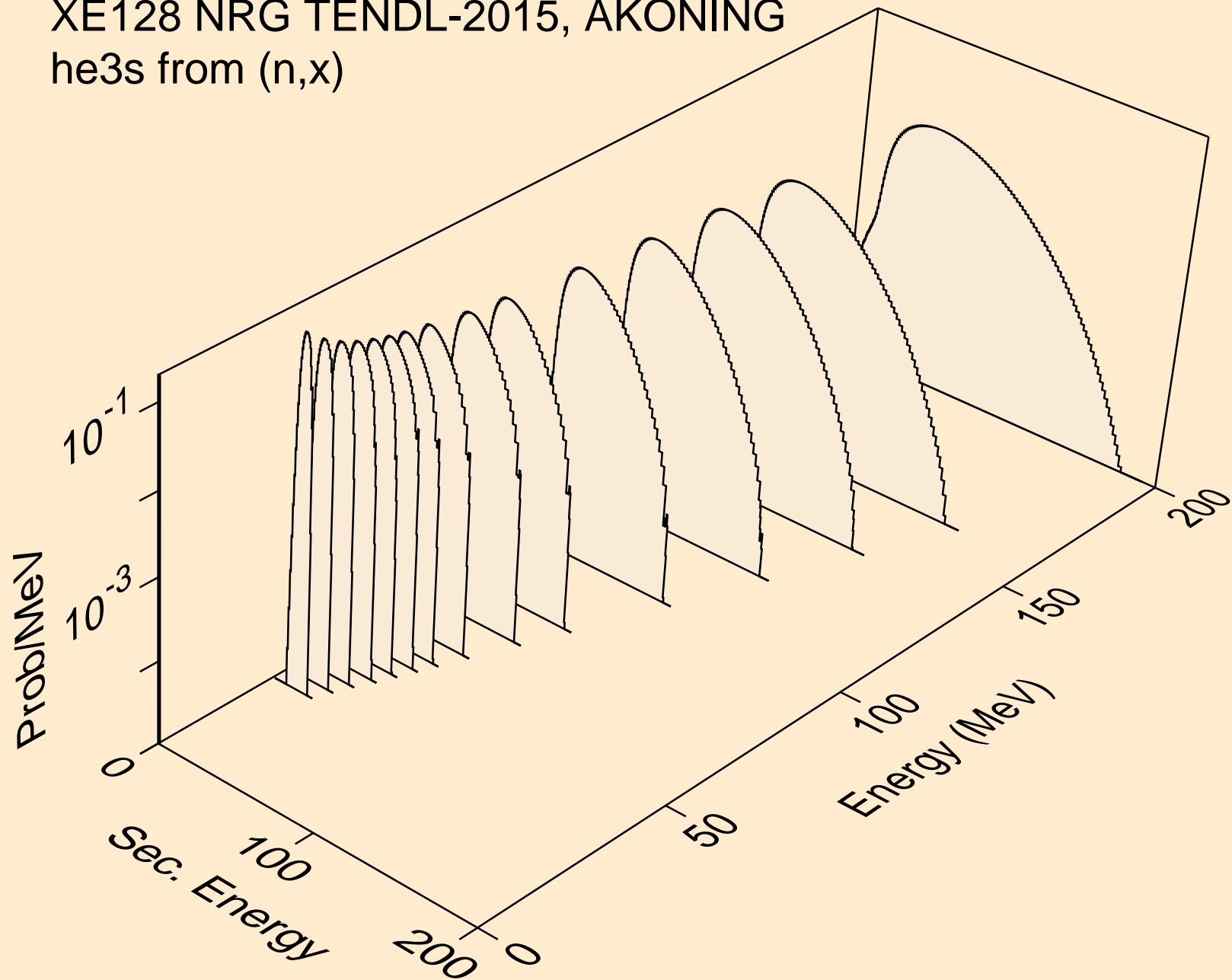
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tritons from (n,t)



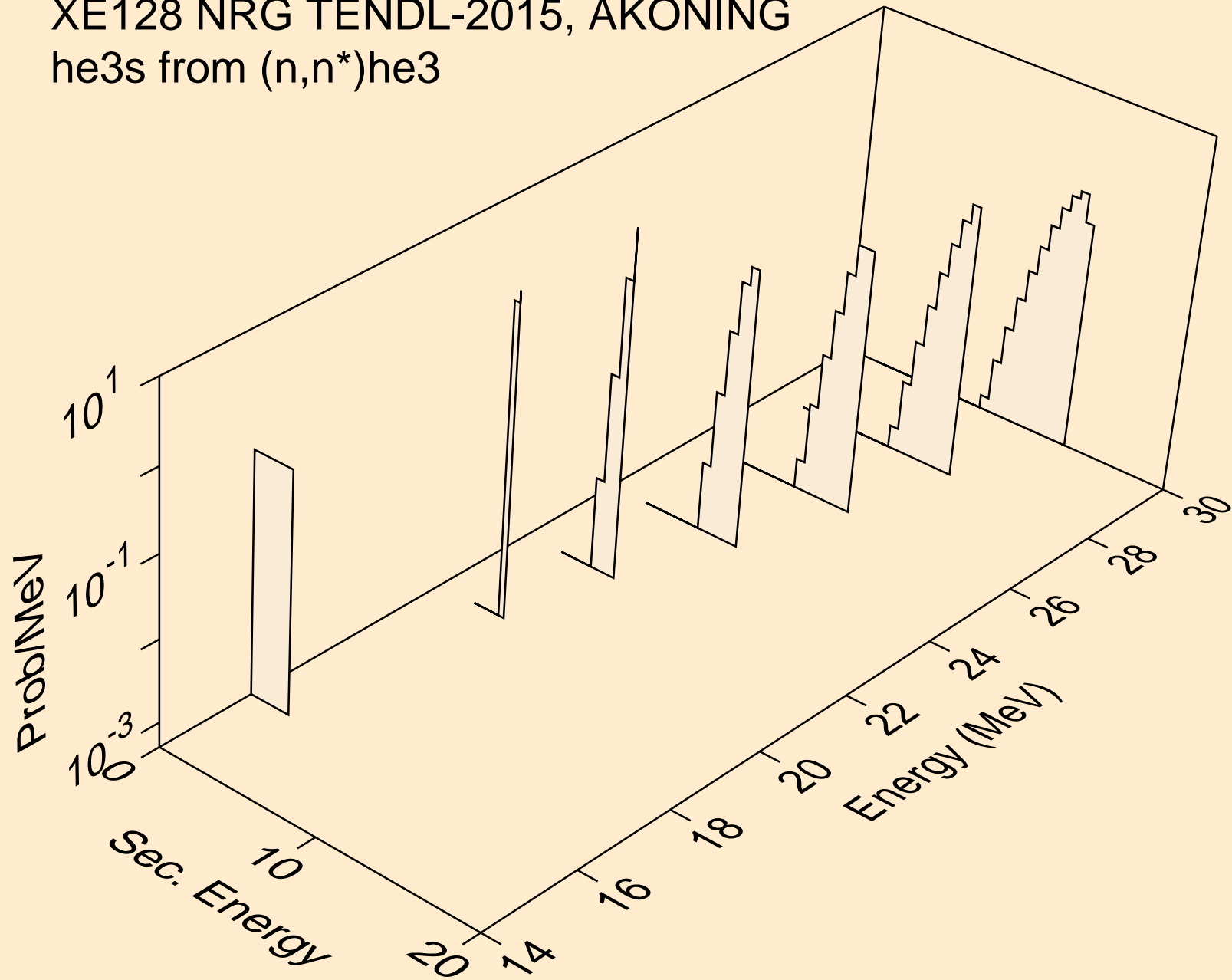
XE128 NRG TENDL-2015, AKONING  
tritons from (n,pt)



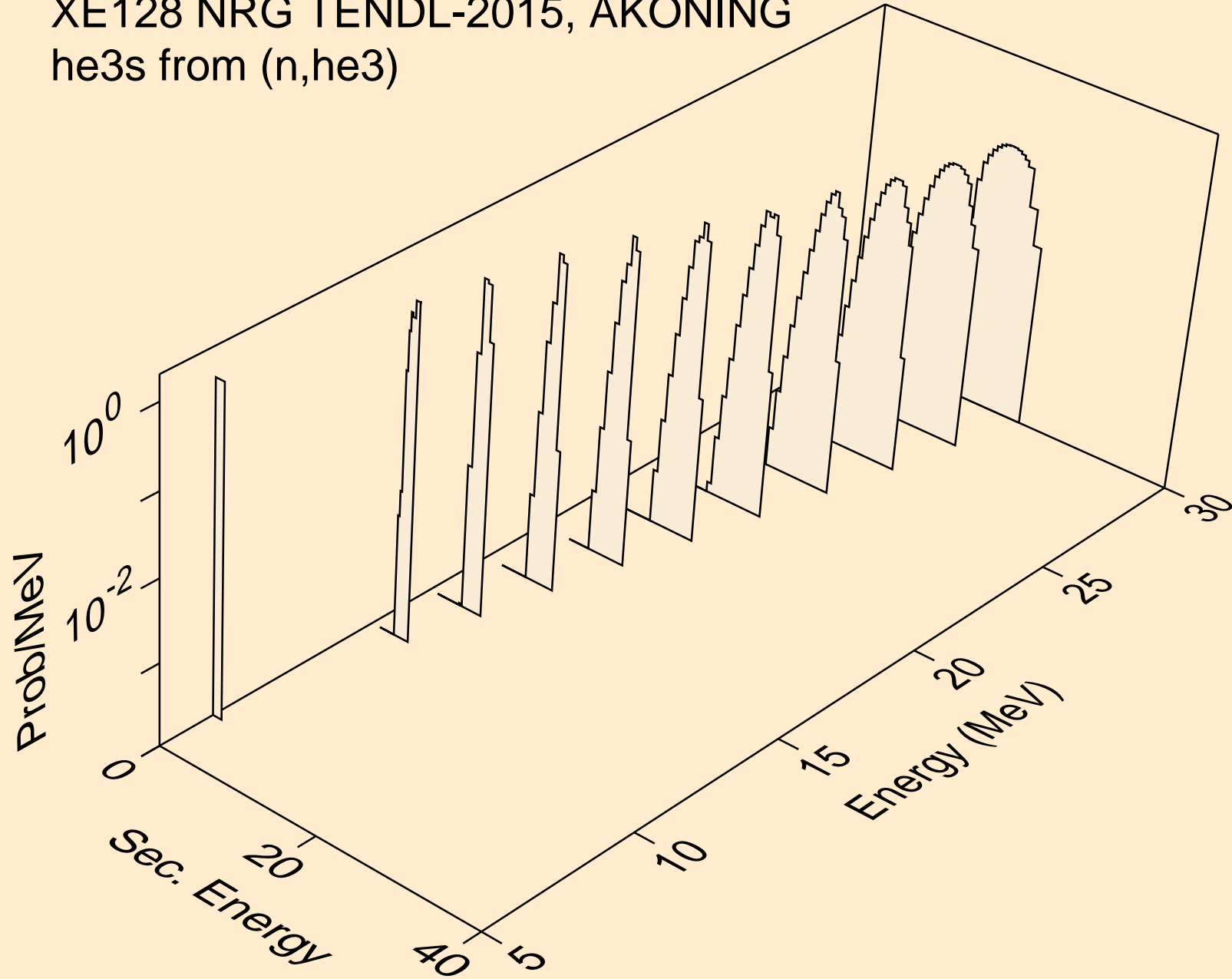
XE128 NRG TENDL-2015, AKONING  
he3s from (n,x)



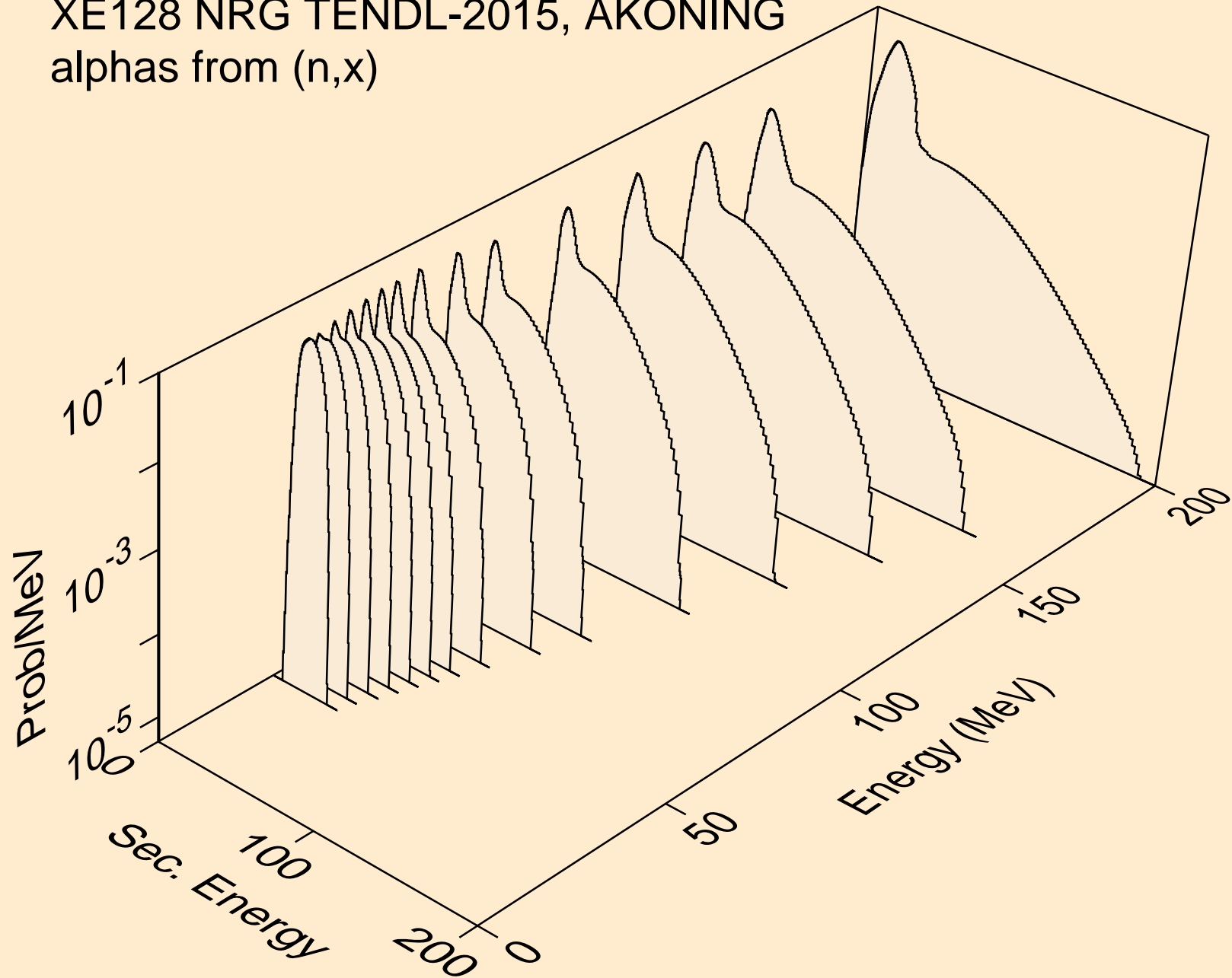
XE128 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



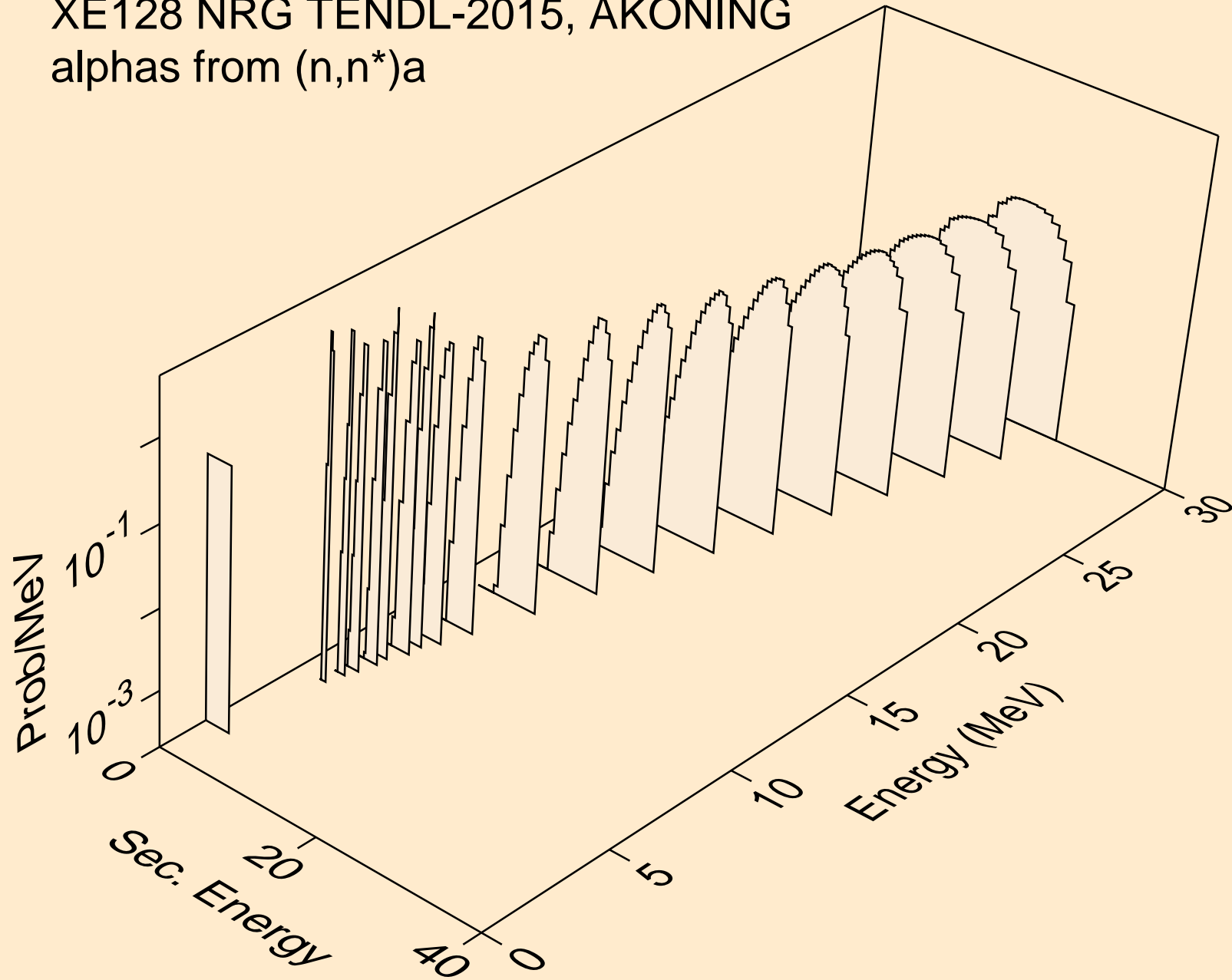
XE128 NRG TENDL-2015, AKONING  
he3s from (n,he3)



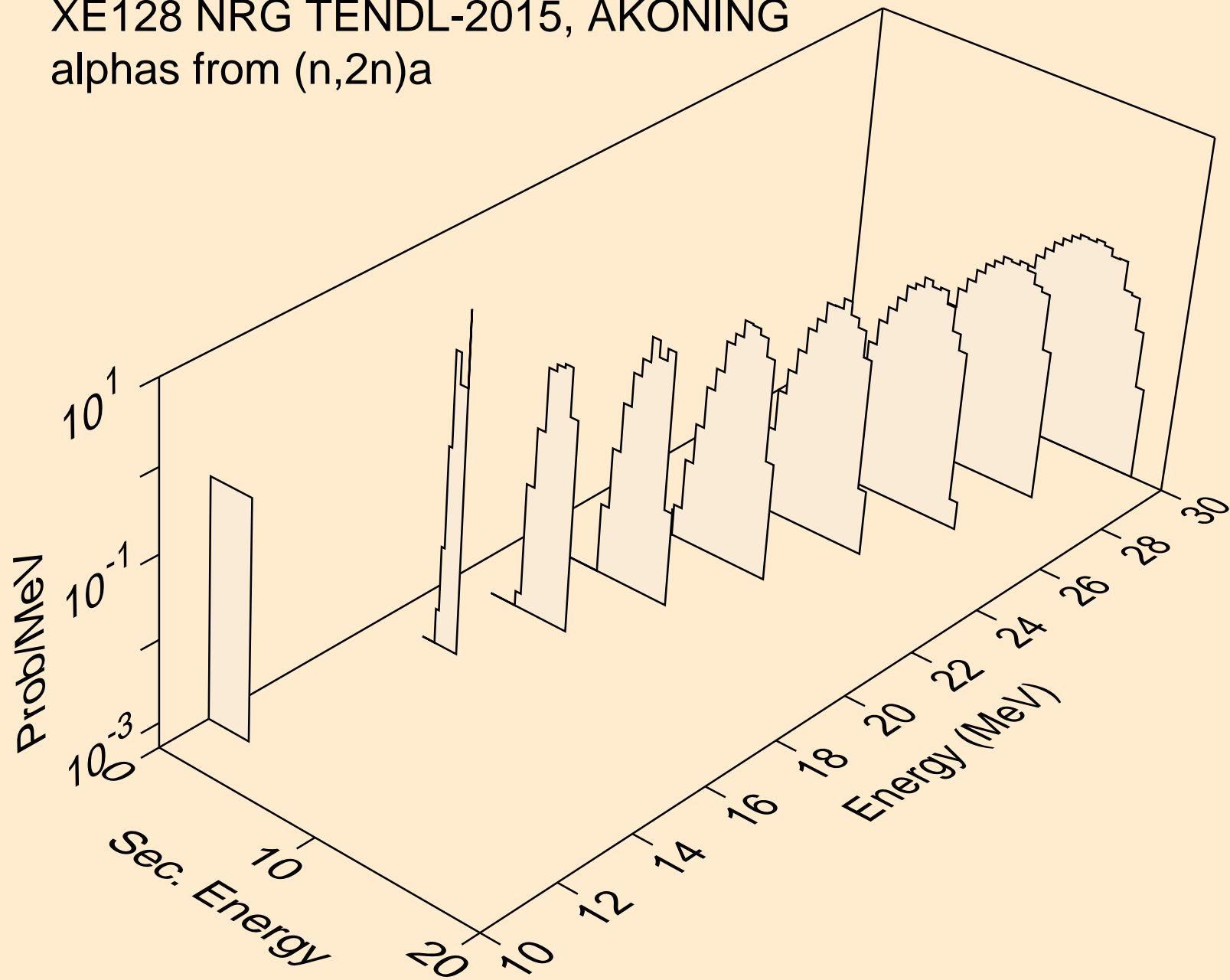
XE128 NRG TENDL-2015, AKONING  
alphas from (n,x)



XE128 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

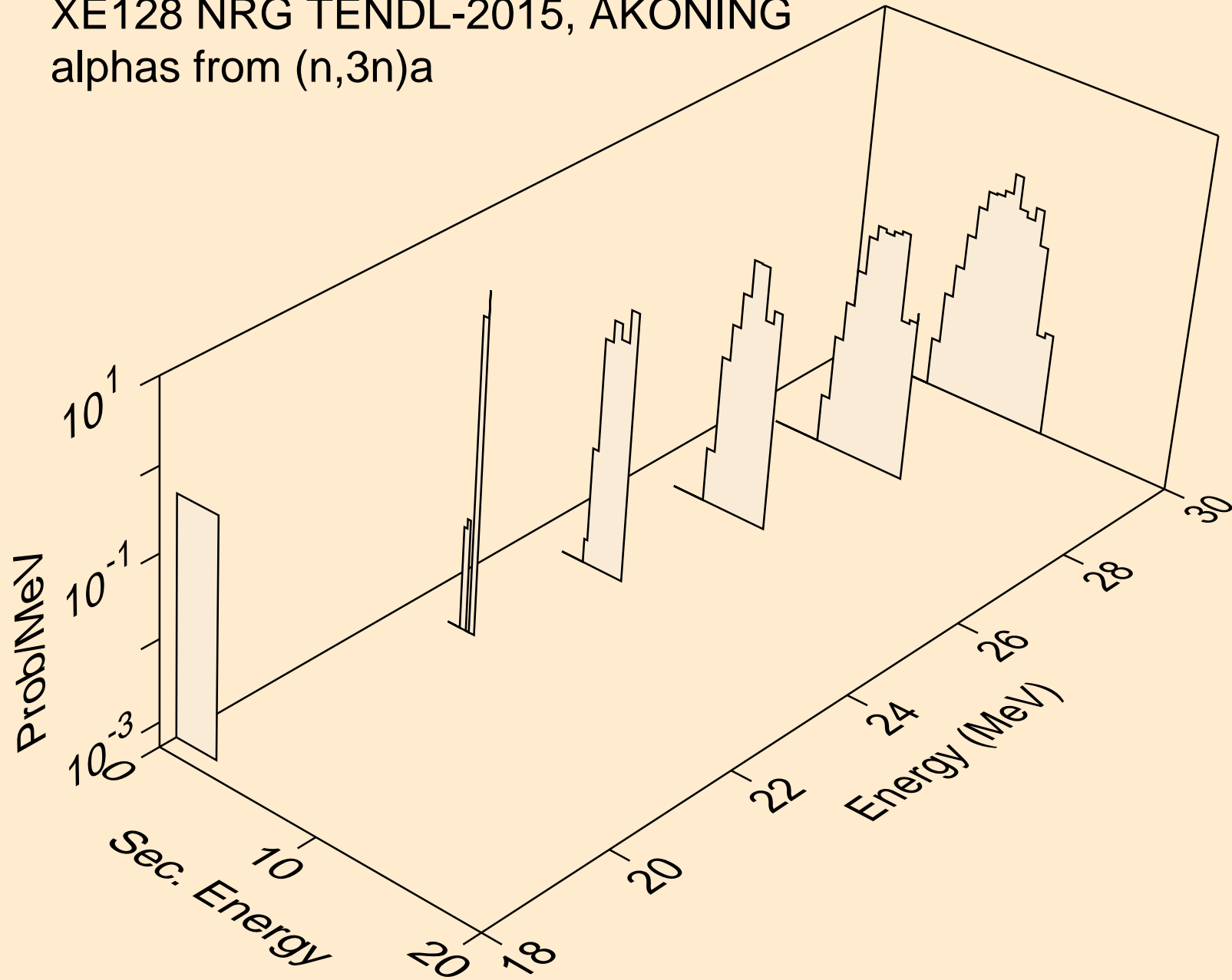


XE128 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

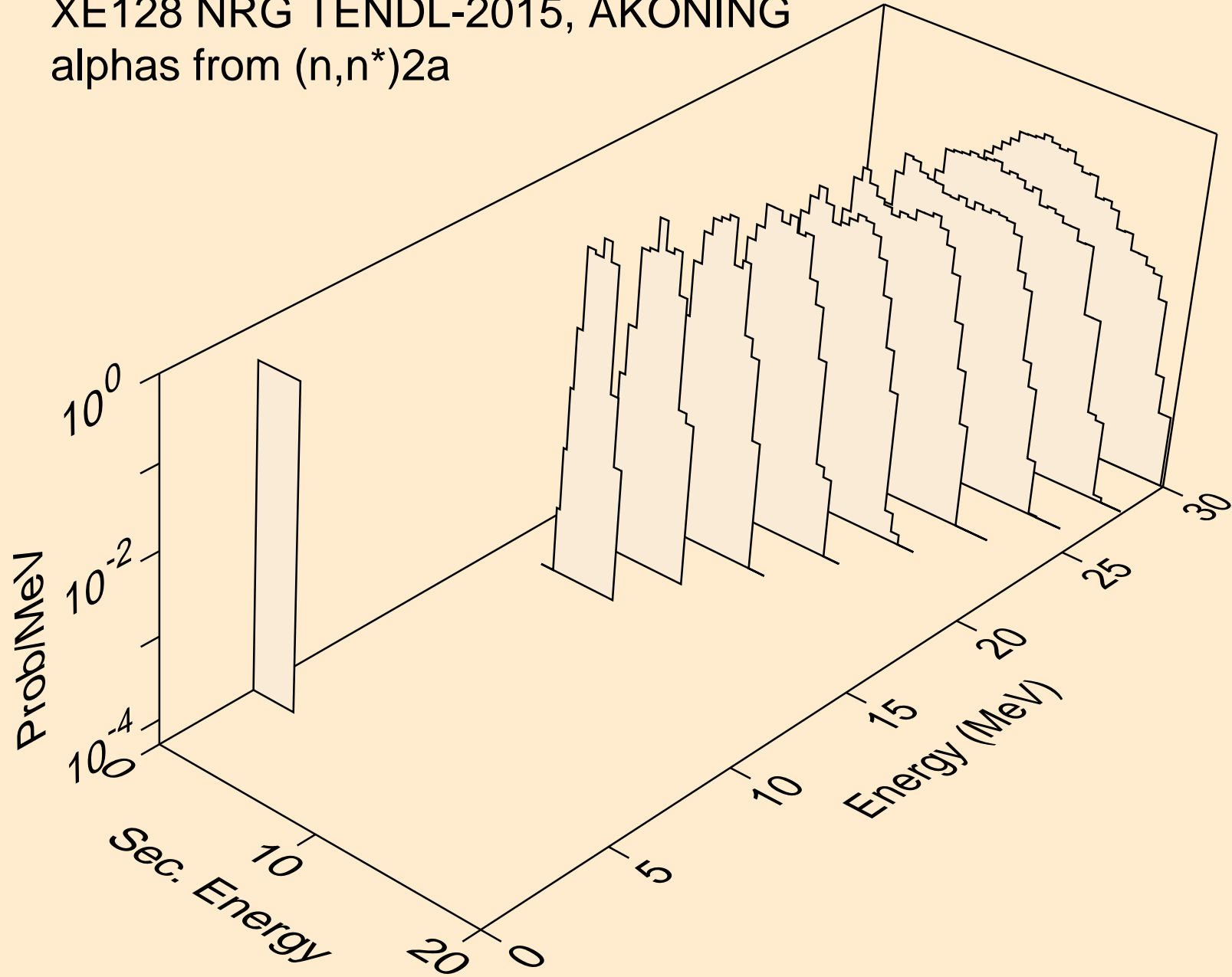




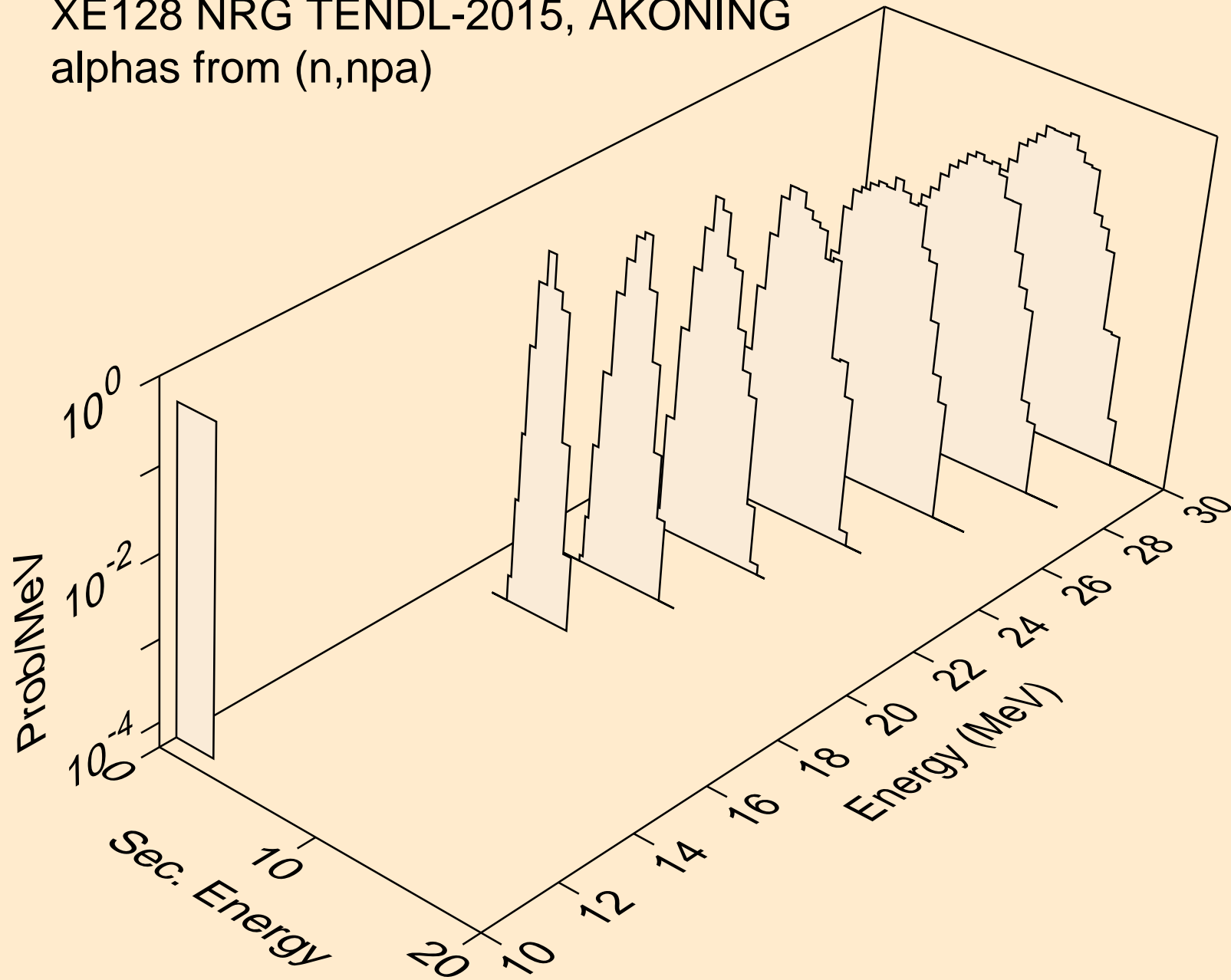
XE128 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



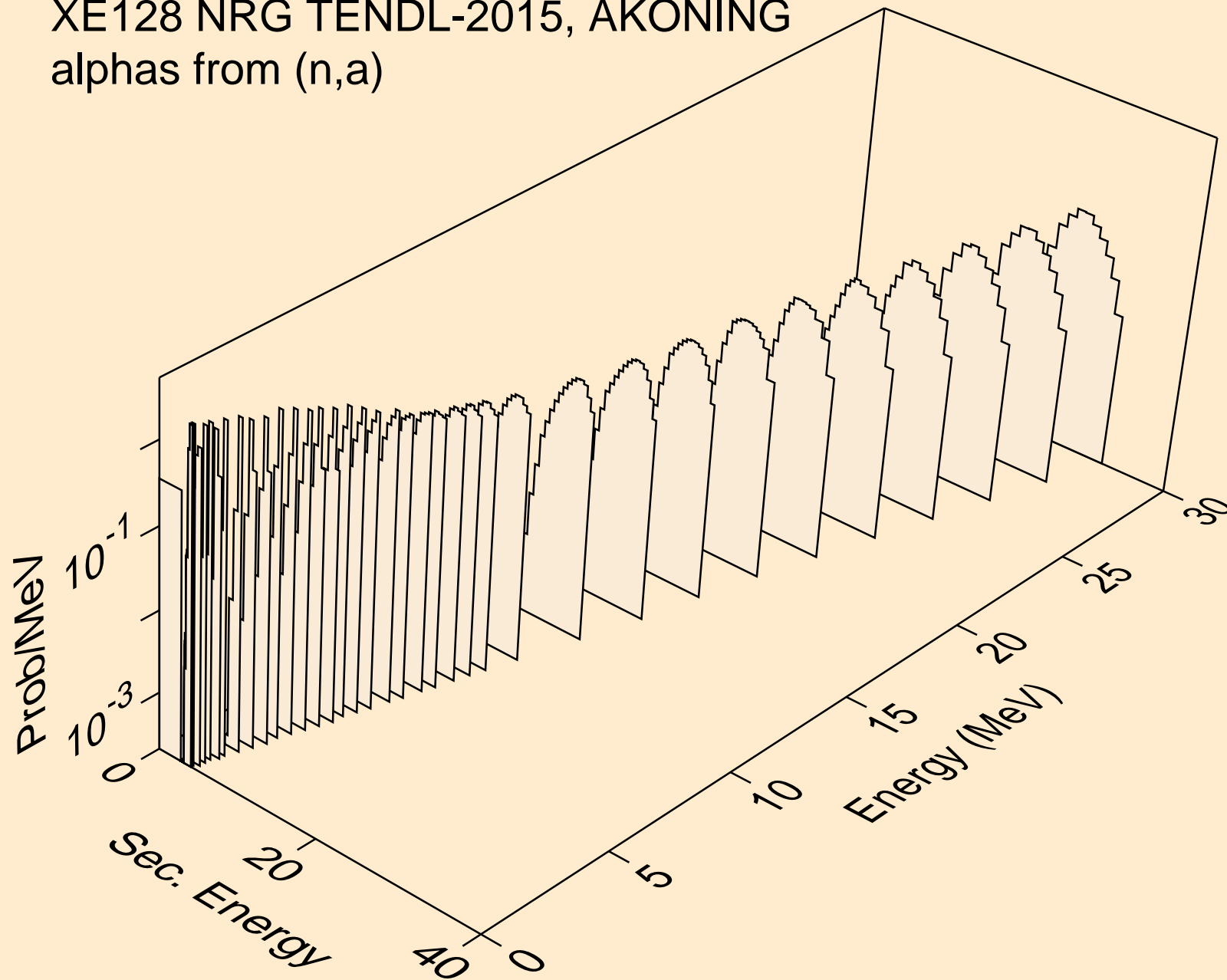
XE128 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



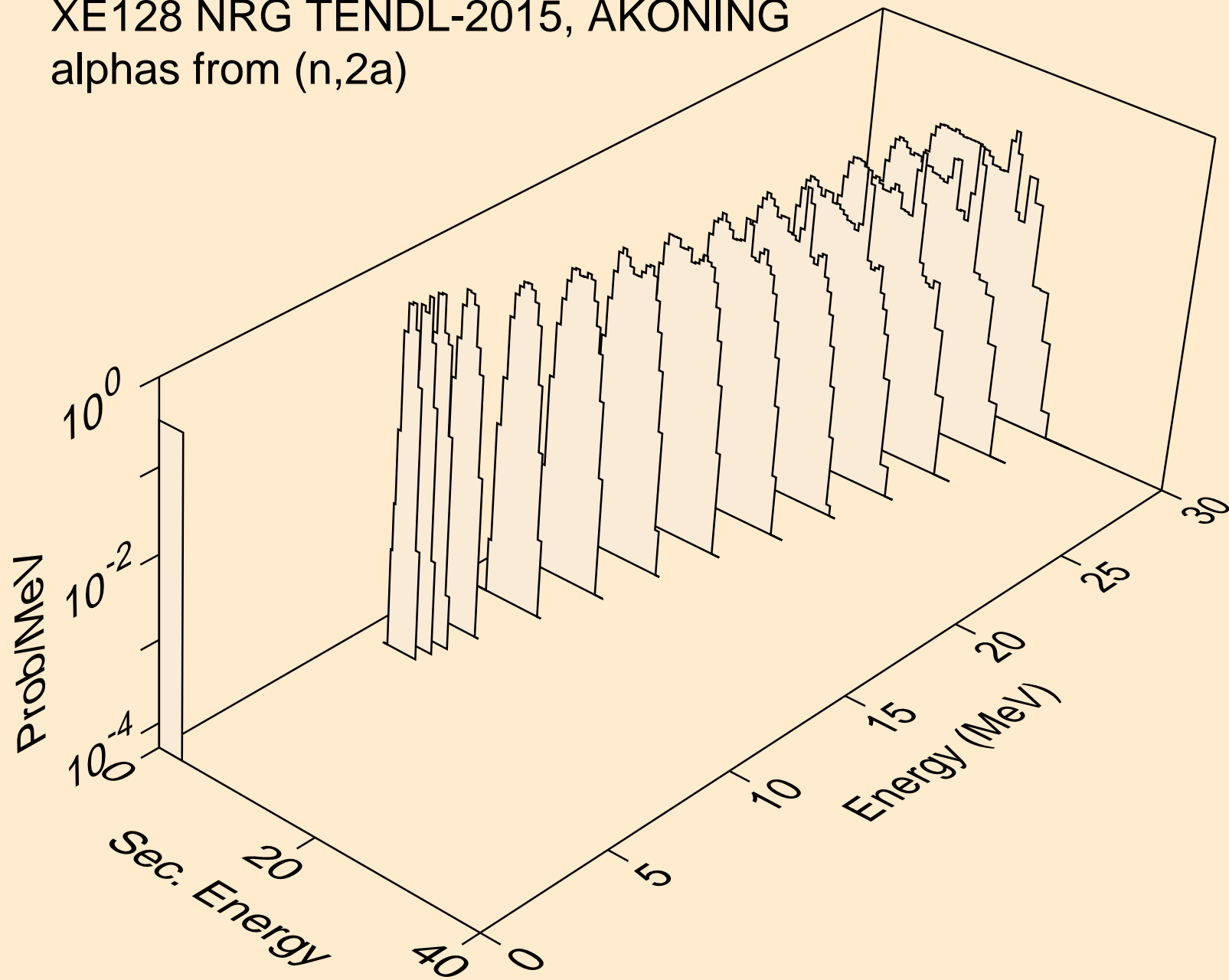
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alphas from (n,npa)



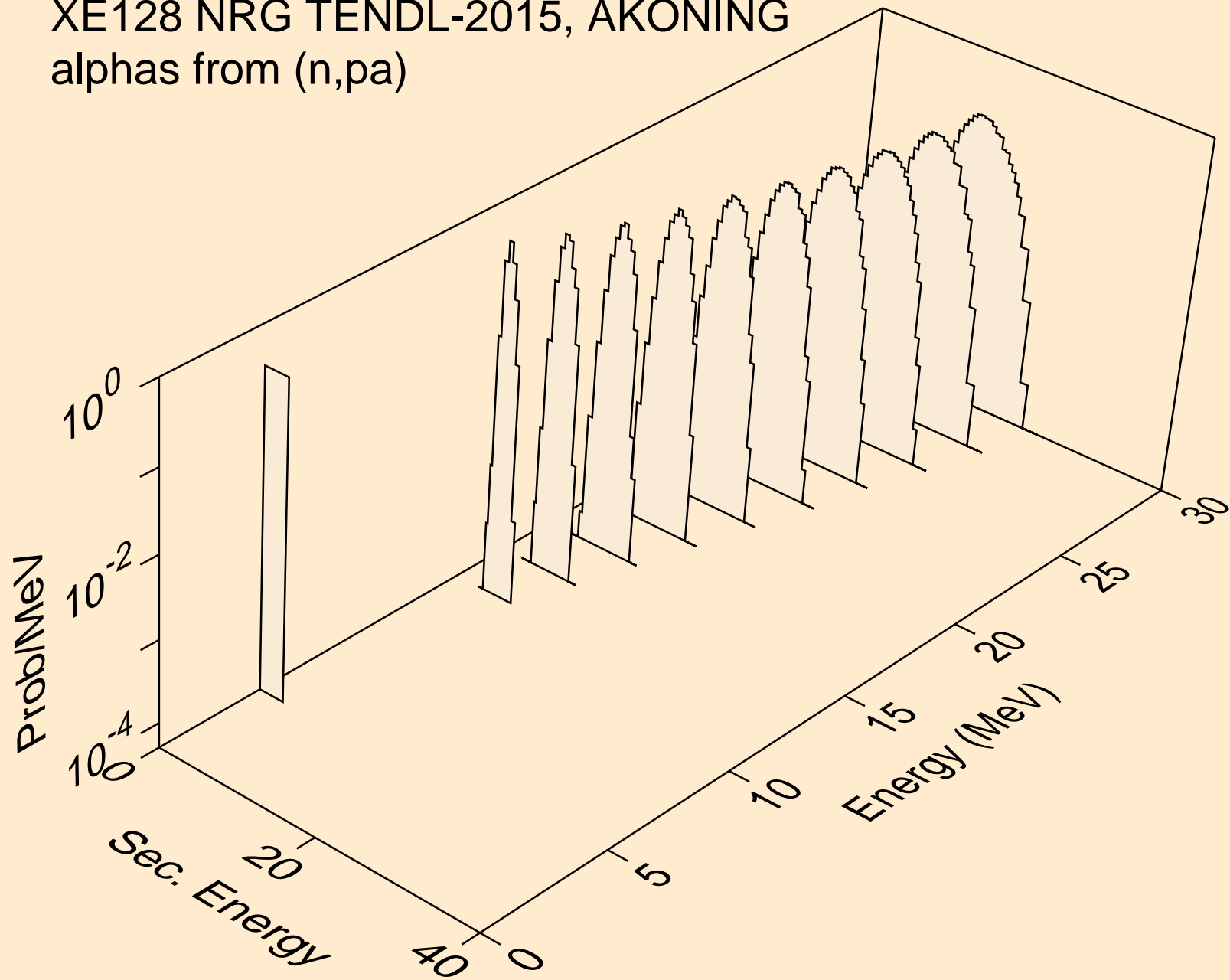
XE128 NRG TENDL-2015, AKONING  
alphas from (n,a)



XE128 NRG TENDL-2015, AKONING  
alphas from (n,2a)



XE128 NRG TENDL-2015, AKONING  
alphas from (n,pa)



XE128 NRG TENDL-2015, AKONING  
alphas from (n,da)

