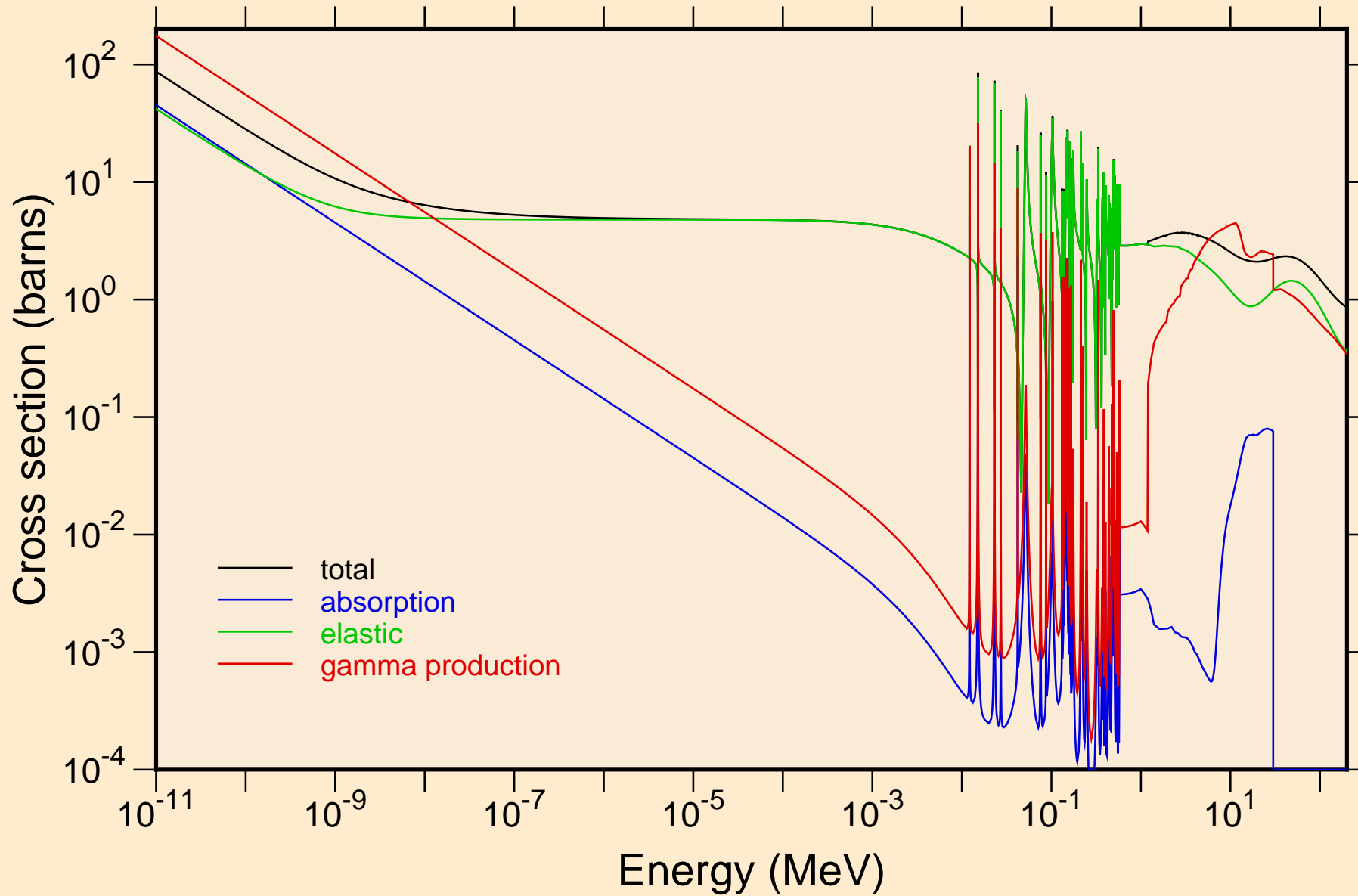
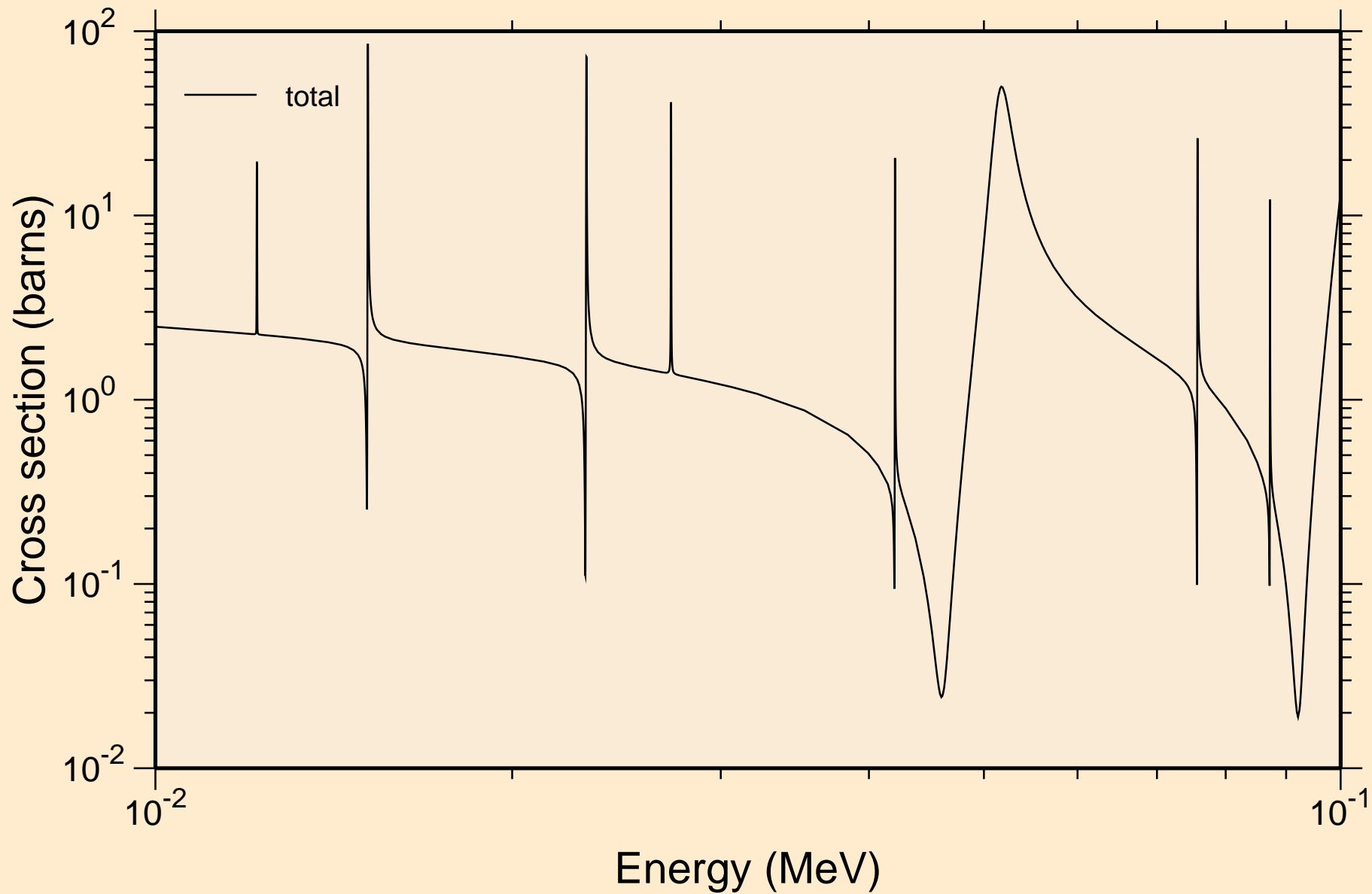


# CA044 NRG TENDL-2015, AKONING

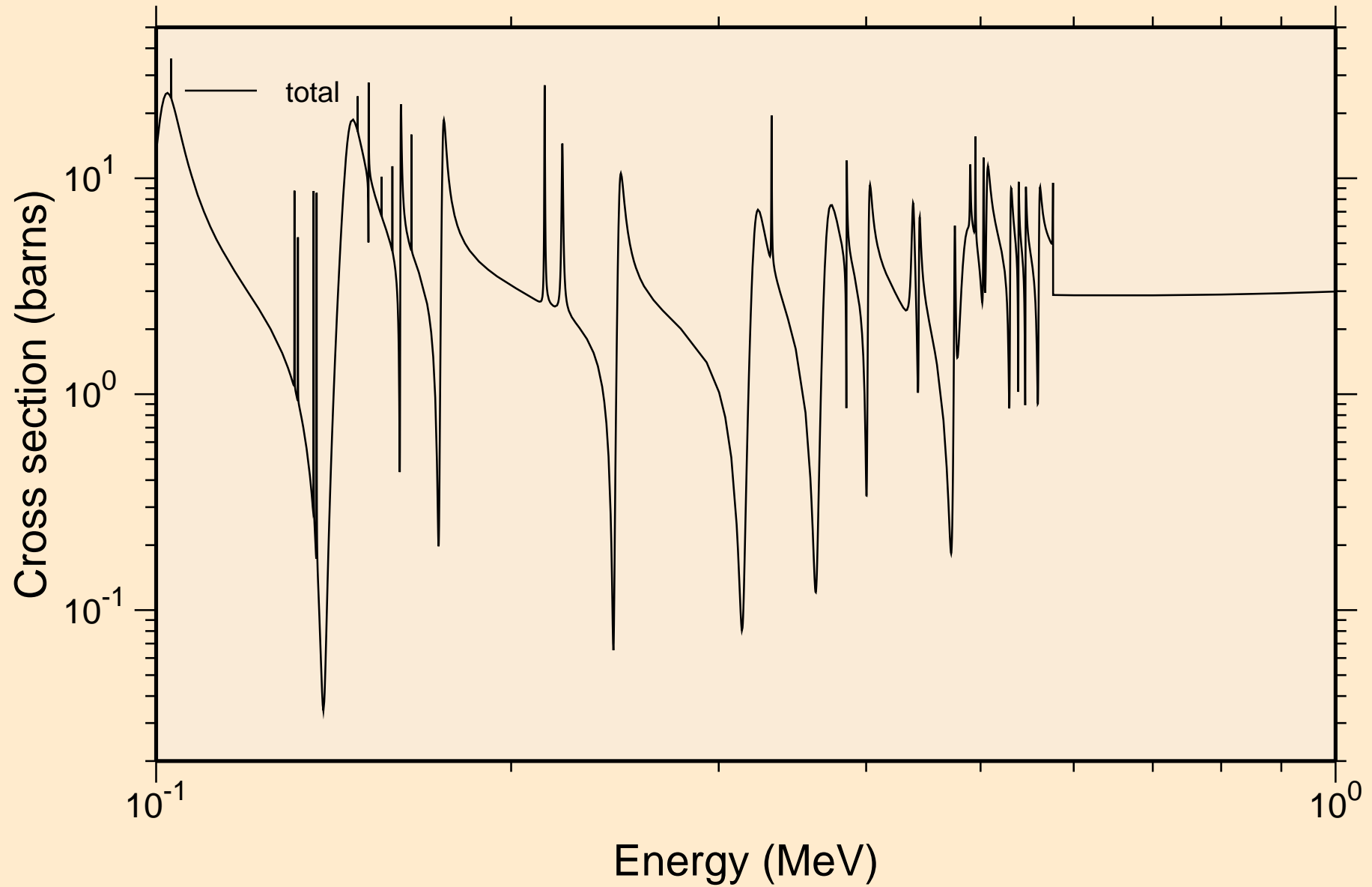
## Principal cross sections



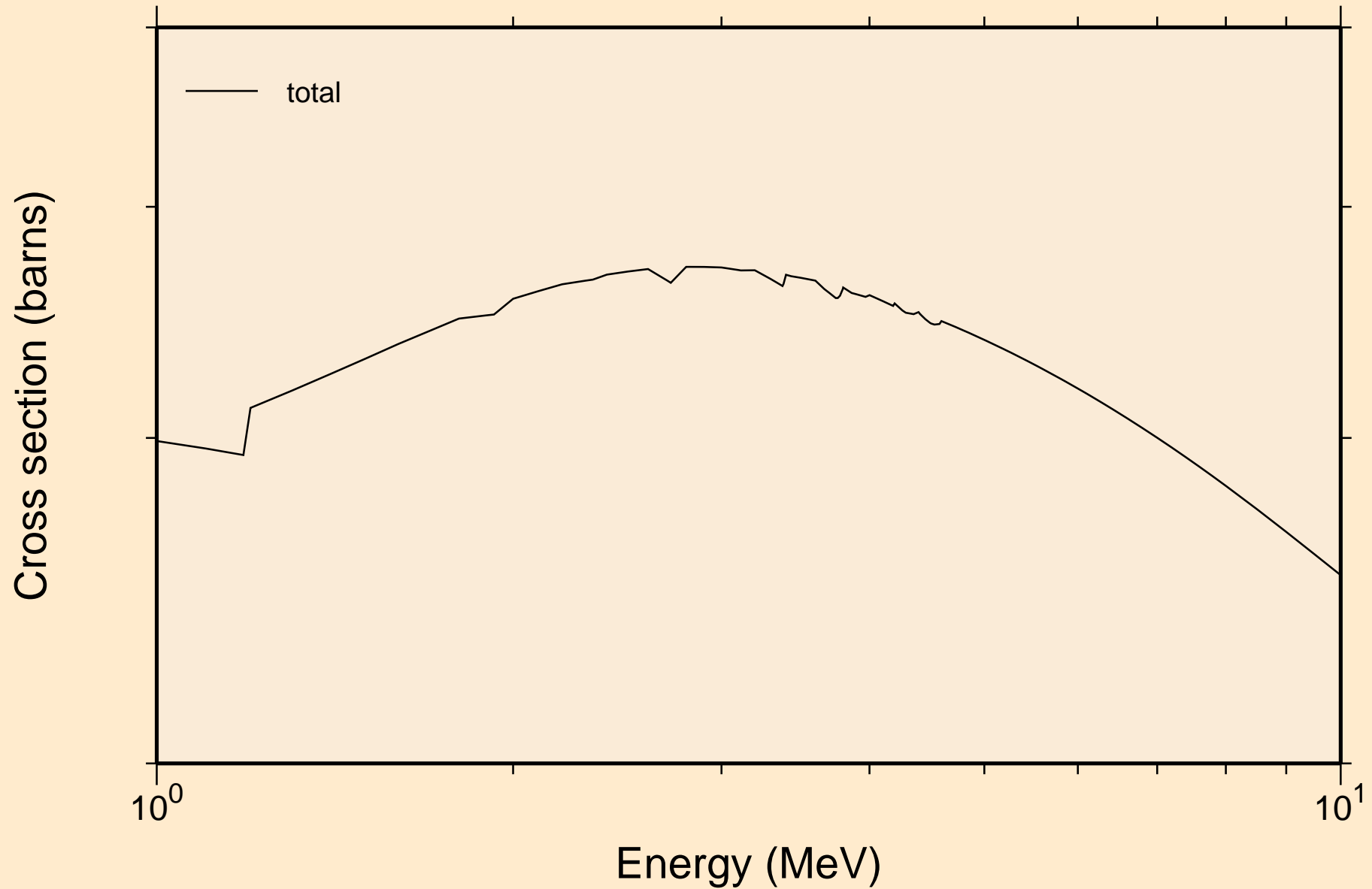
CA044 NRG TENDL-2015, AKONING  
resonance total cross section



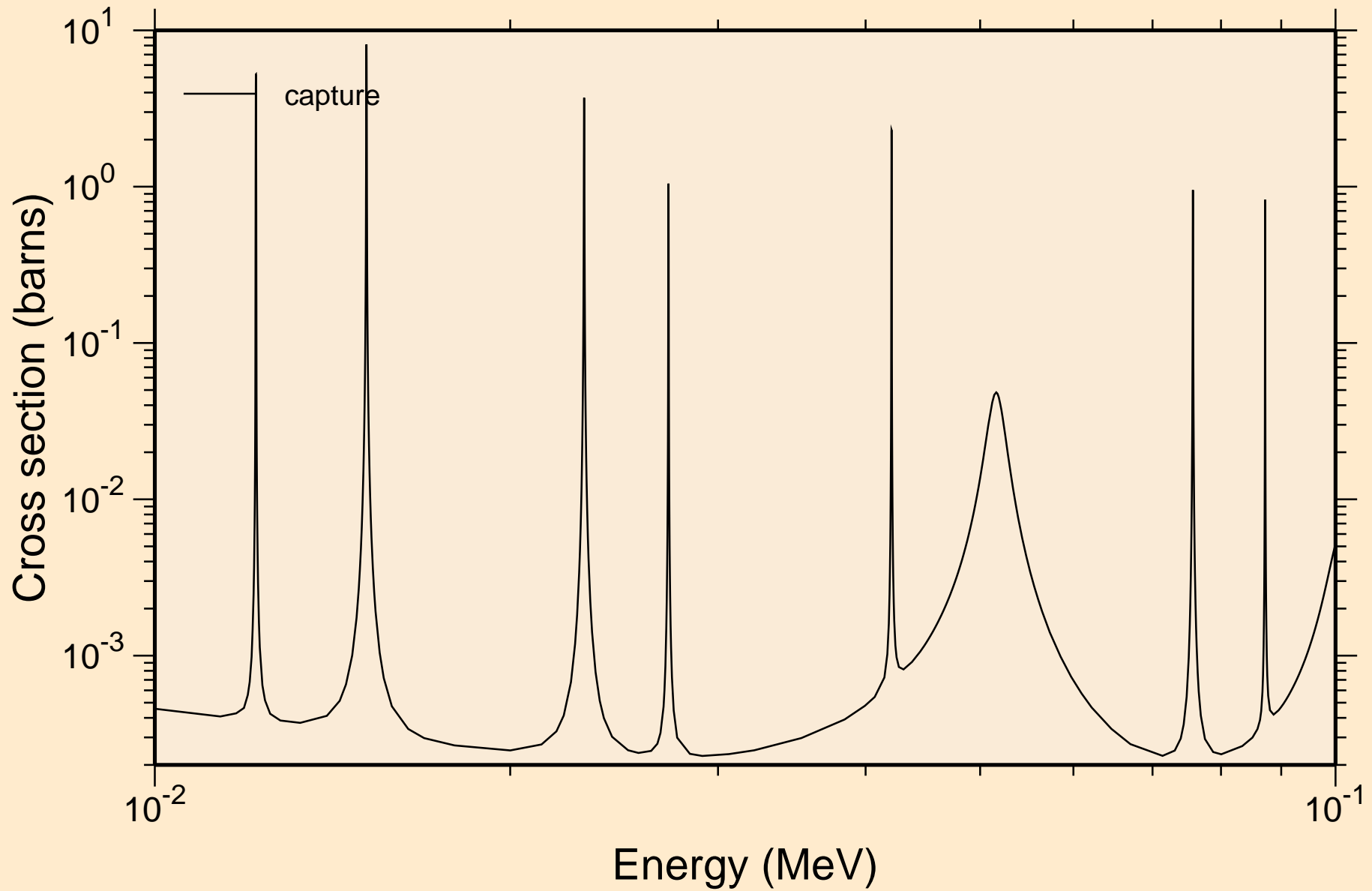
CA044 NRG TENDL-2015, AKONING  
resonance total cross section



C̄A044 NRG TENDL-2015, AKONING  
resonance total cross section

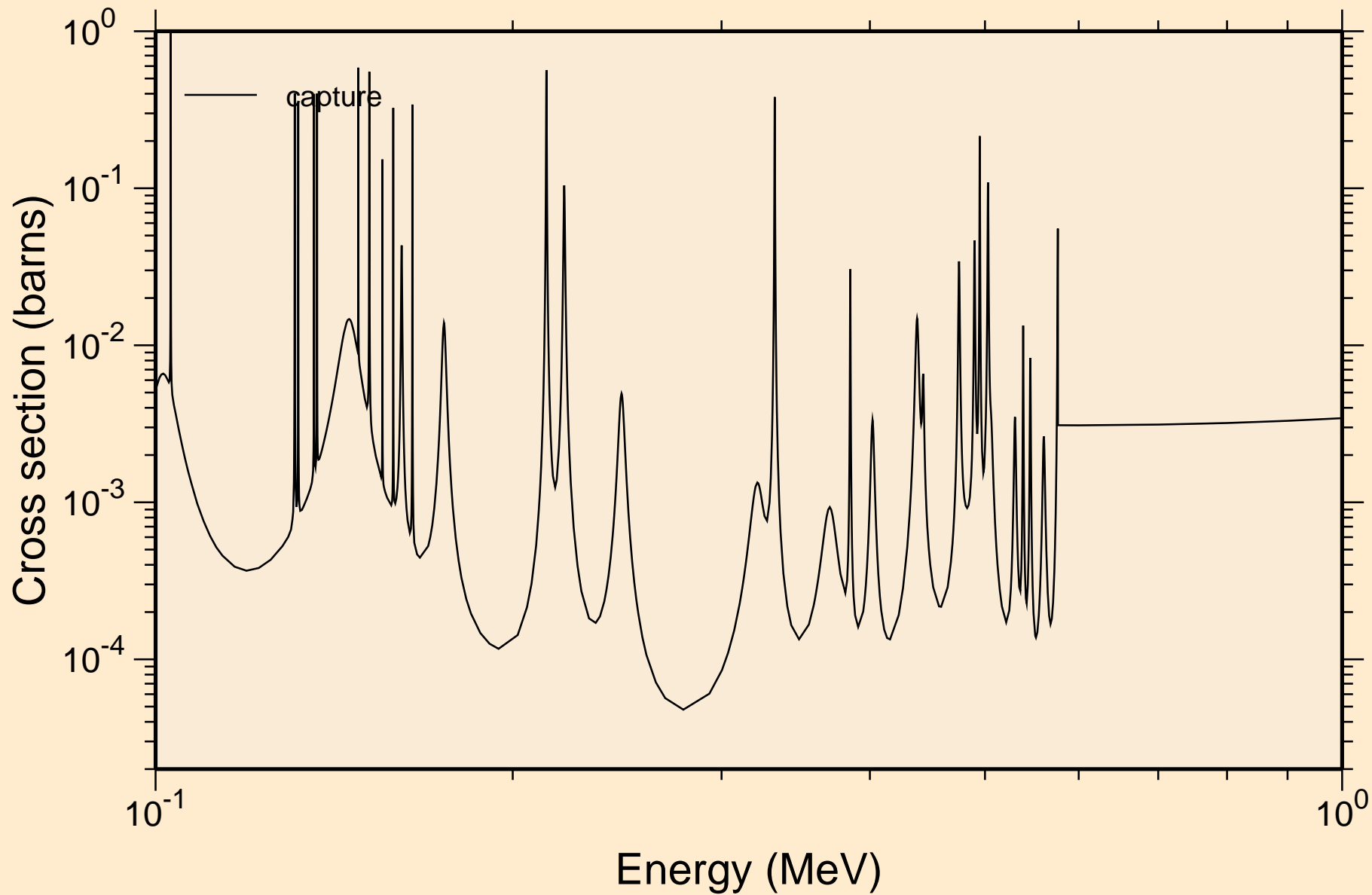


CA044 NRG TENDL-2015, AKONING  
resonance absorption cross sections

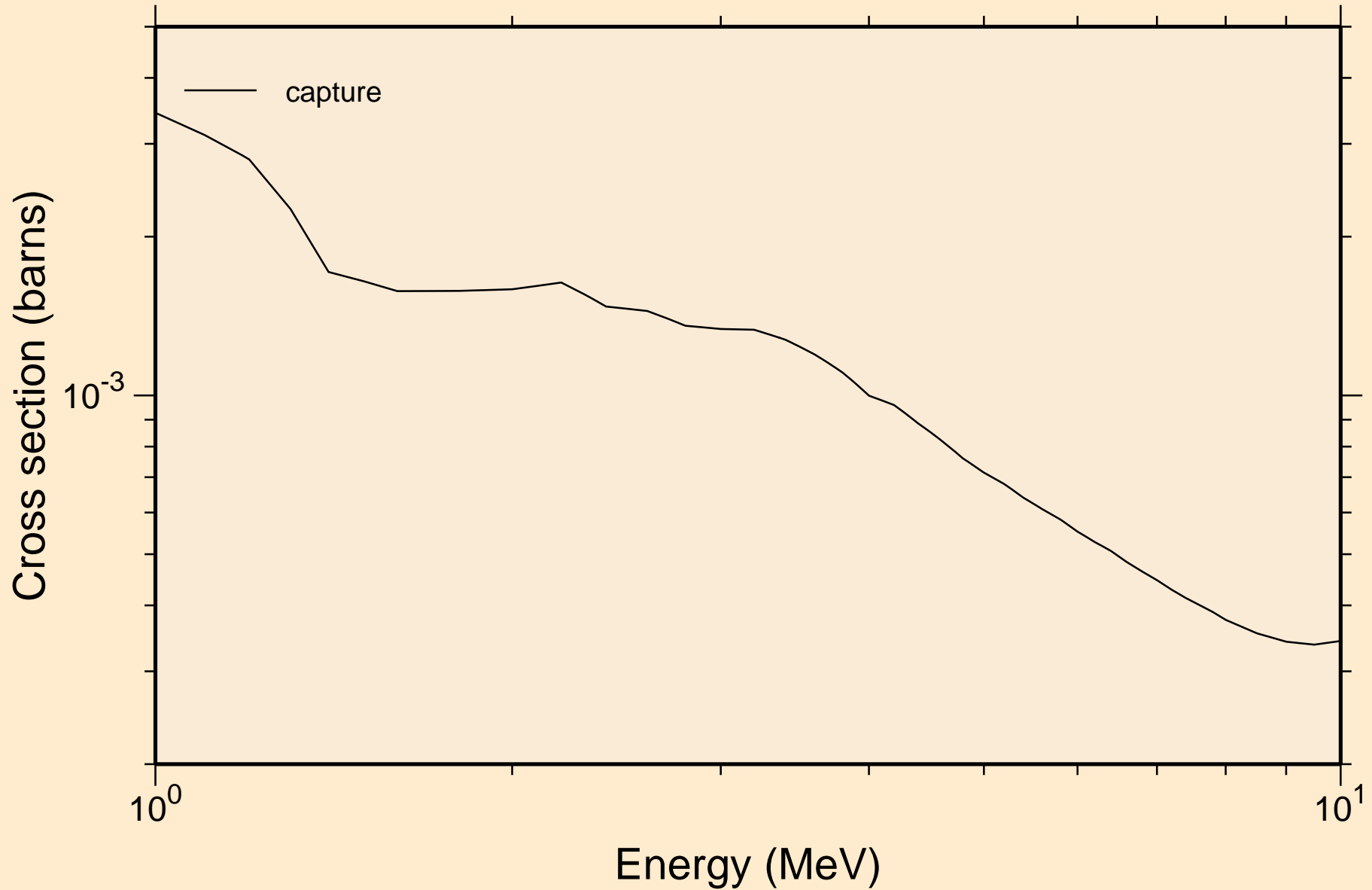


# CA044 NRG TENDL-2015, AKONING

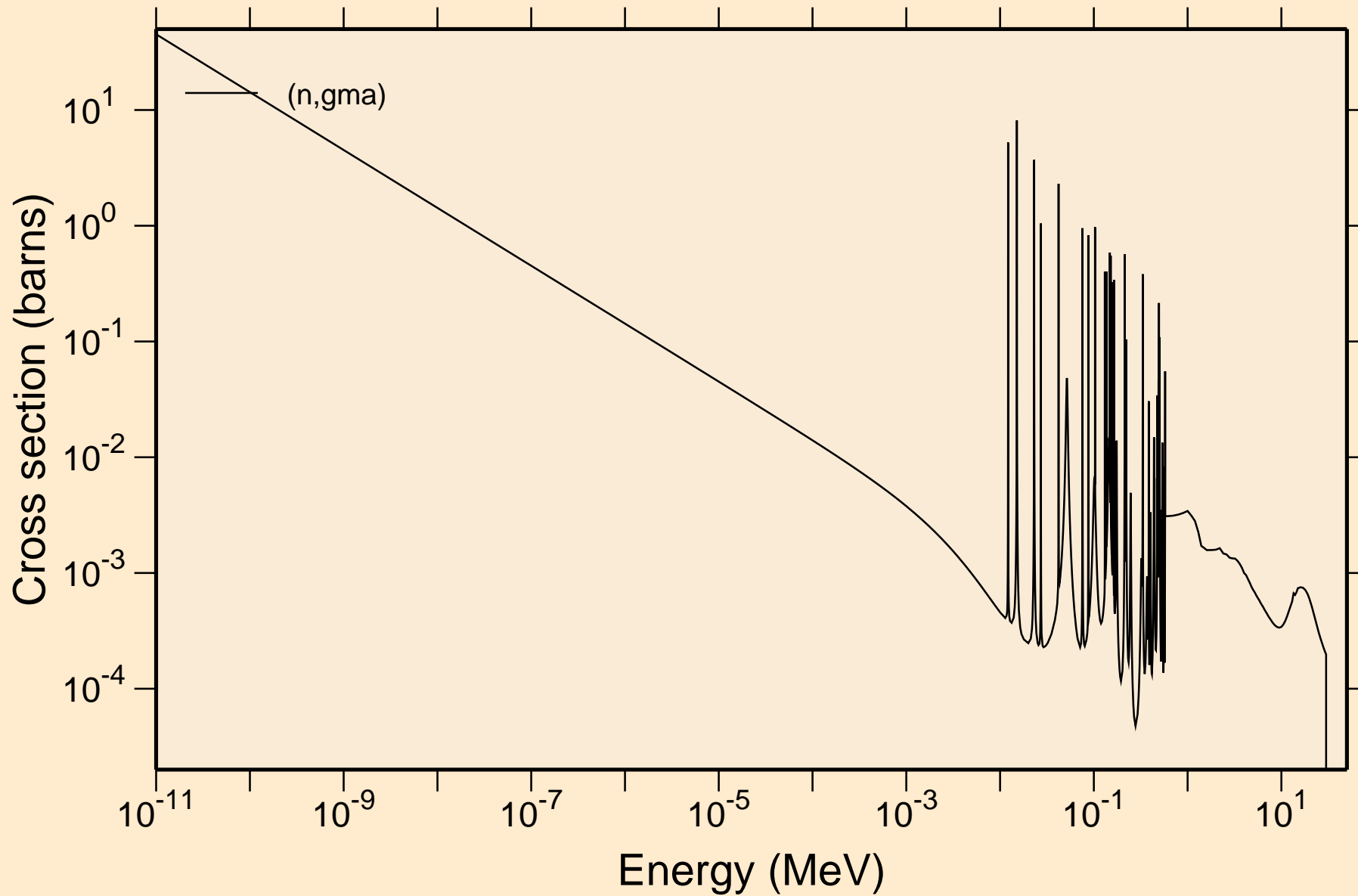
## resonance absorption cross sections



CA044 NRG TENDL-2015, AKONING  
resonance absorption cross sections



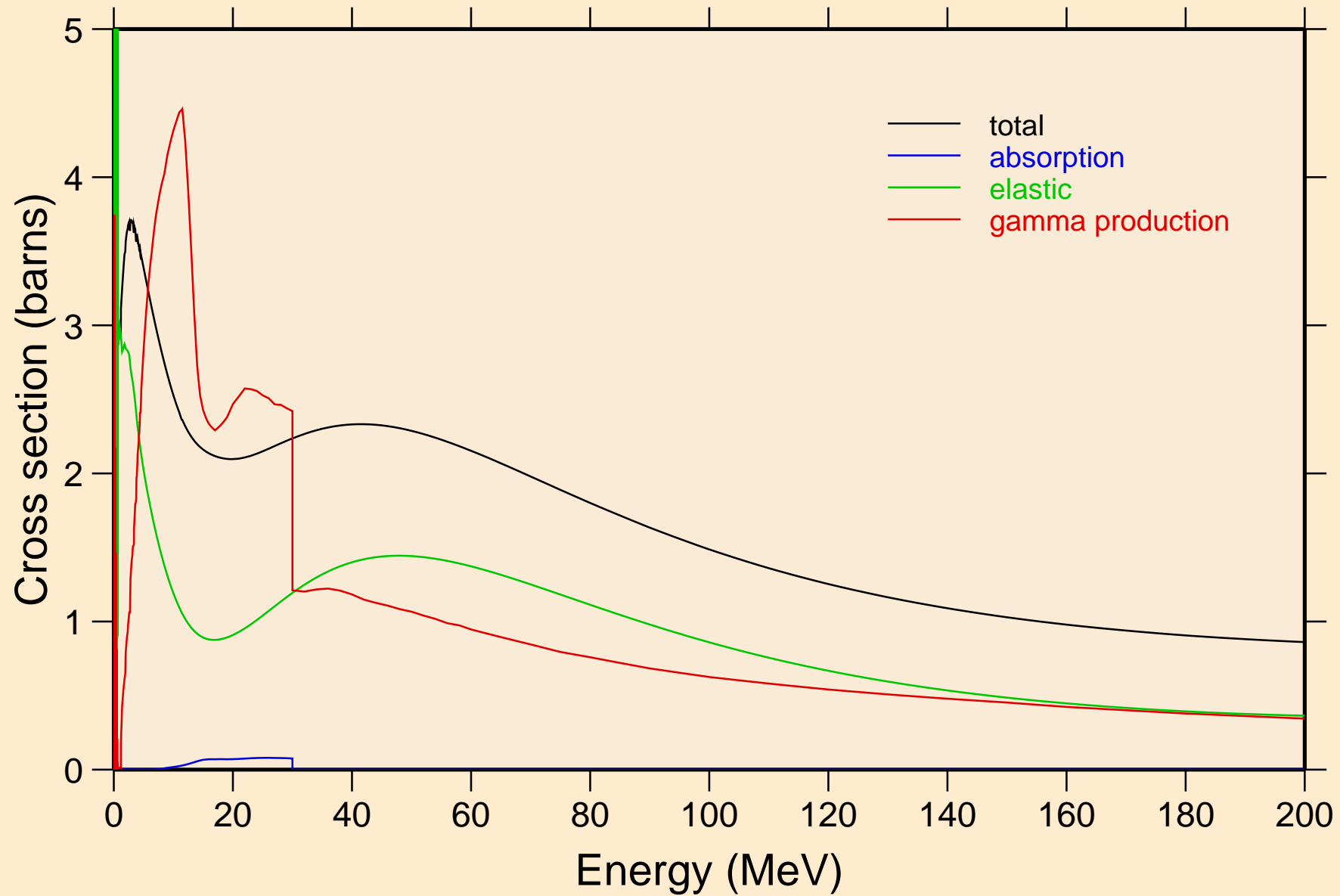
CA044 NRG TENDL-2015, AKONING  
Non-threshold reactions



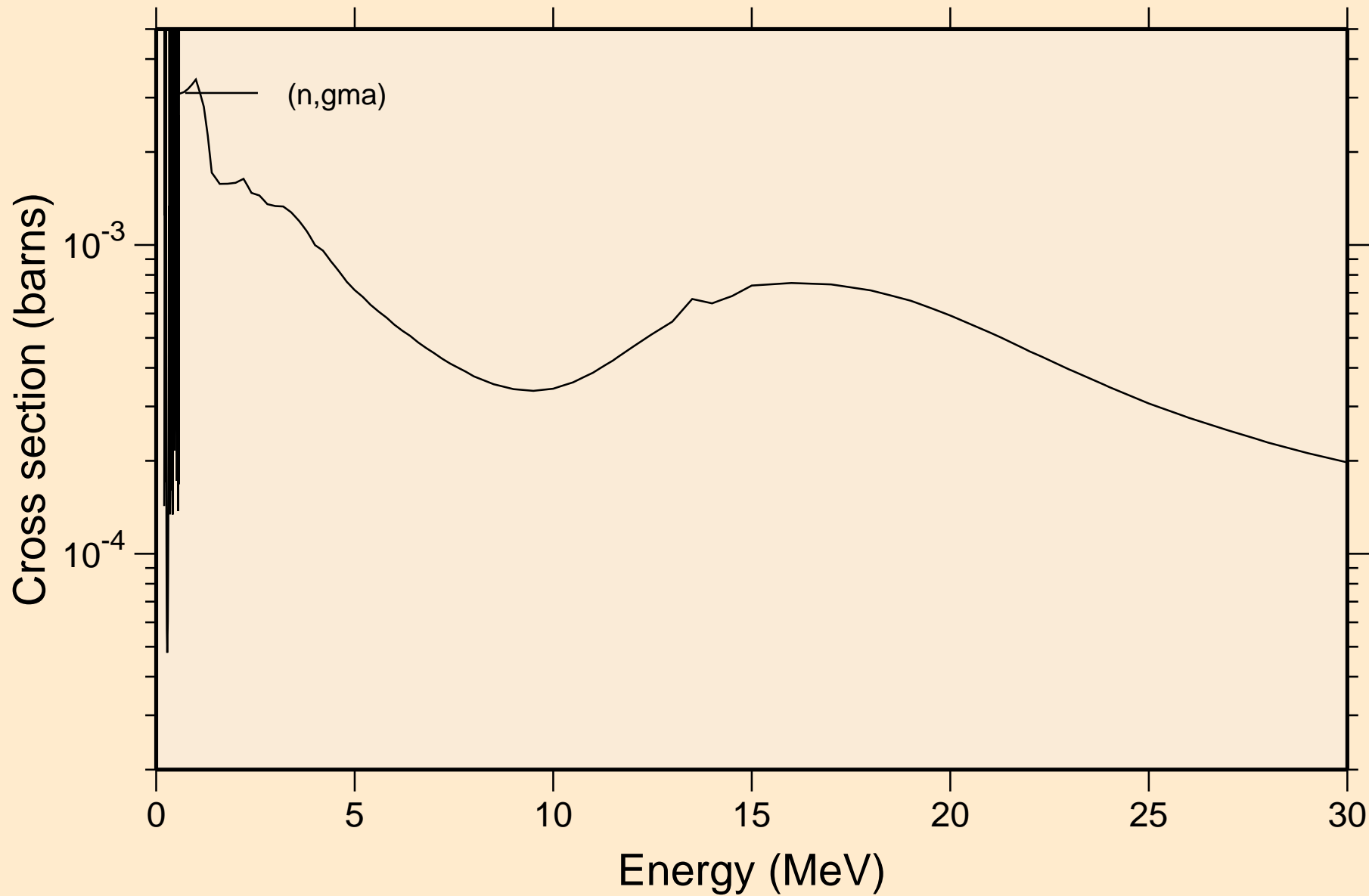


# CA044 NRG TENDL-2015, AKONING

## Principal cross sections

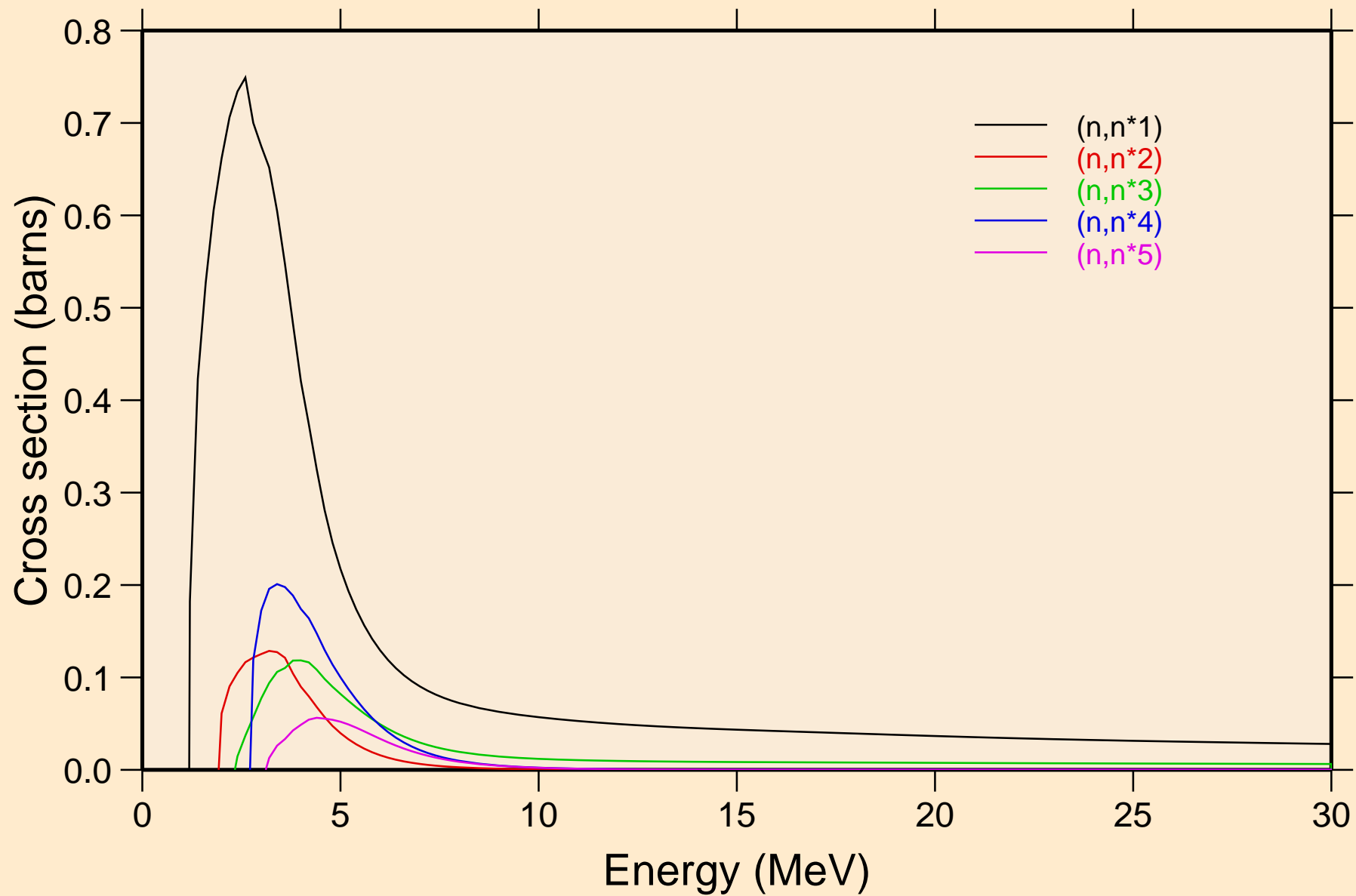


CA044 NRG TENDL-2015, AKONING  
Non-threshold reactions



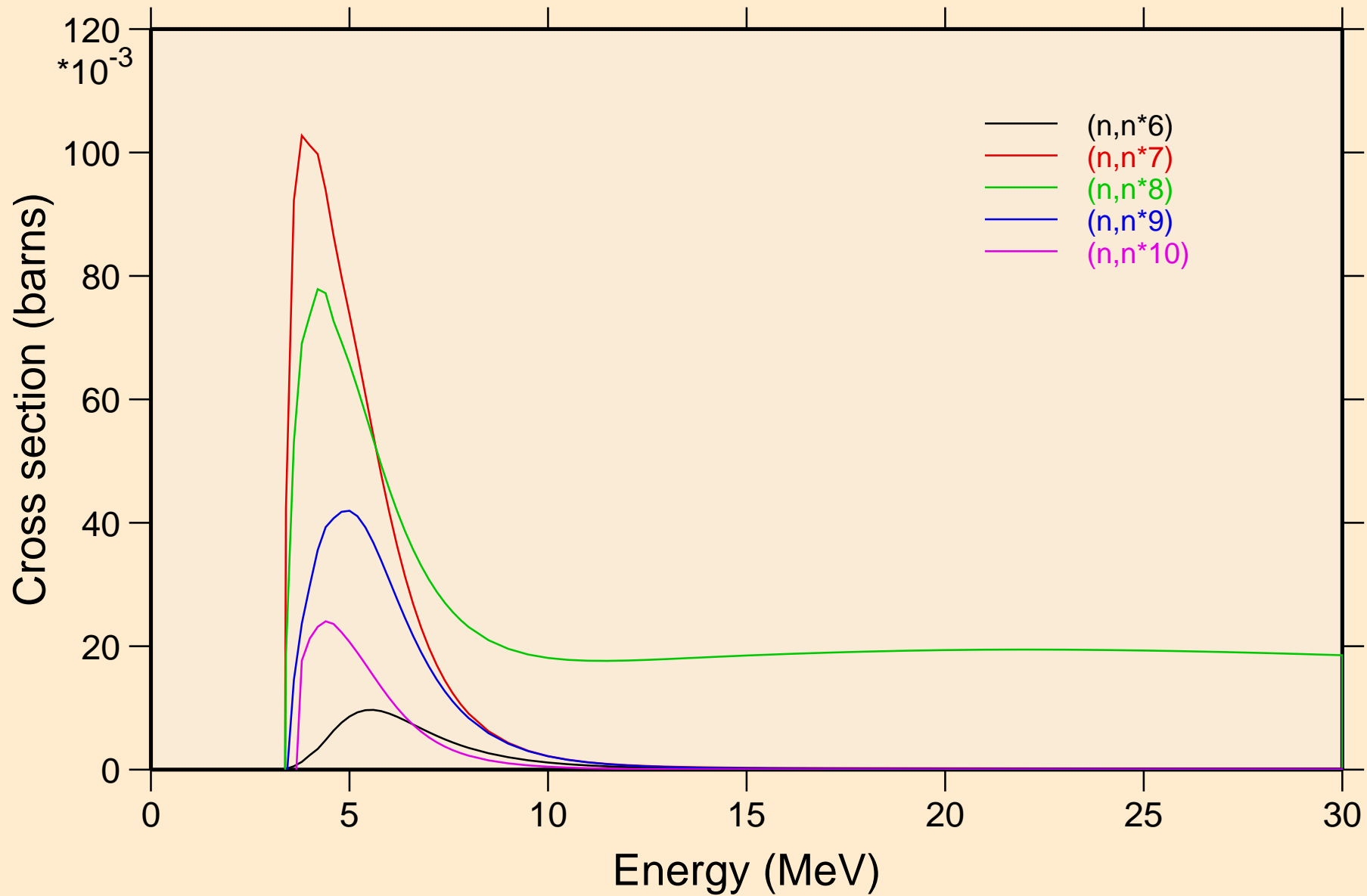
# CA044 NRG TENDL-2015, AKONING

## Inelastic levels



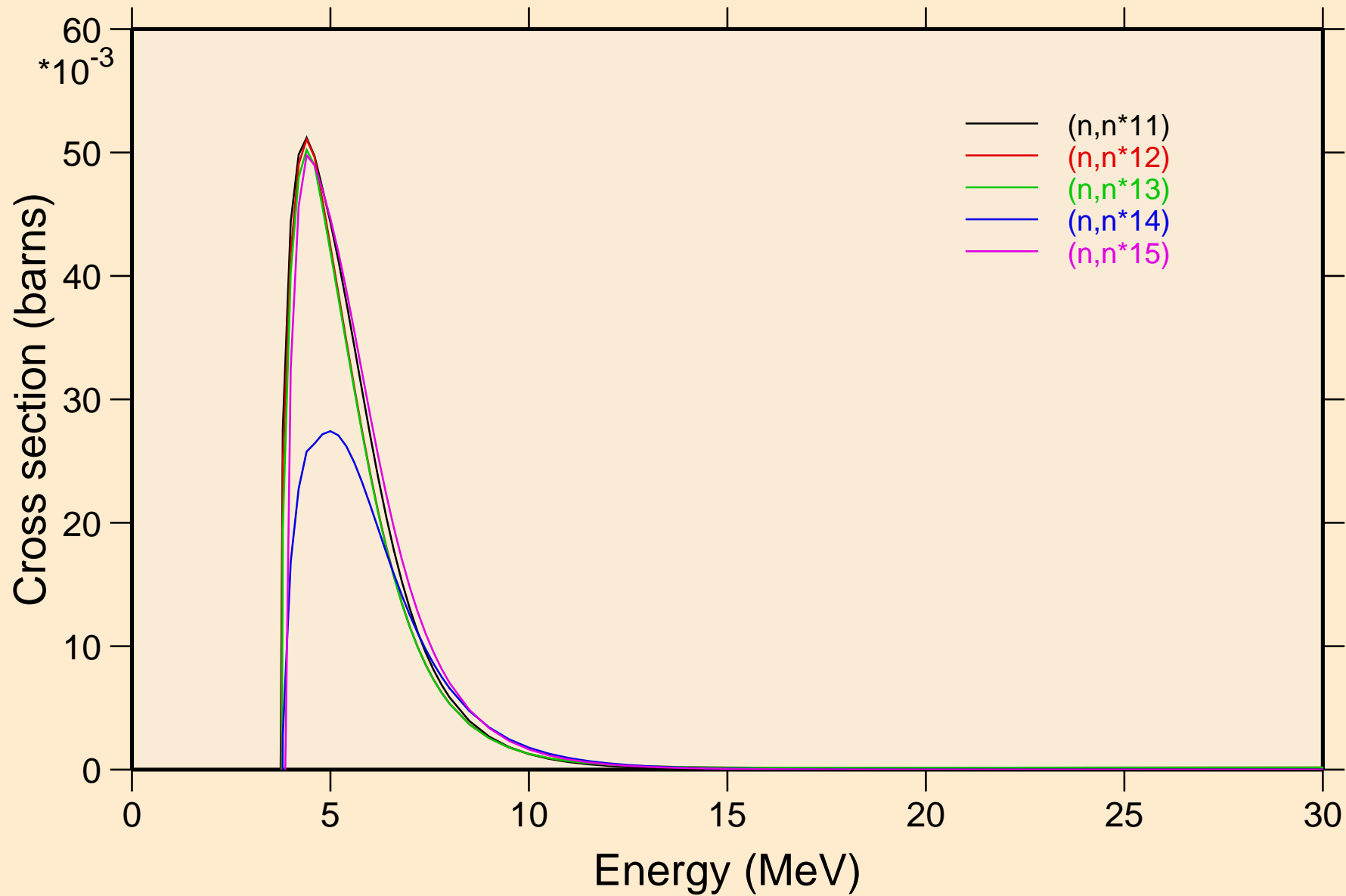
# CA044 NRG TENDL-2015, AKONING

## Inelastic levels



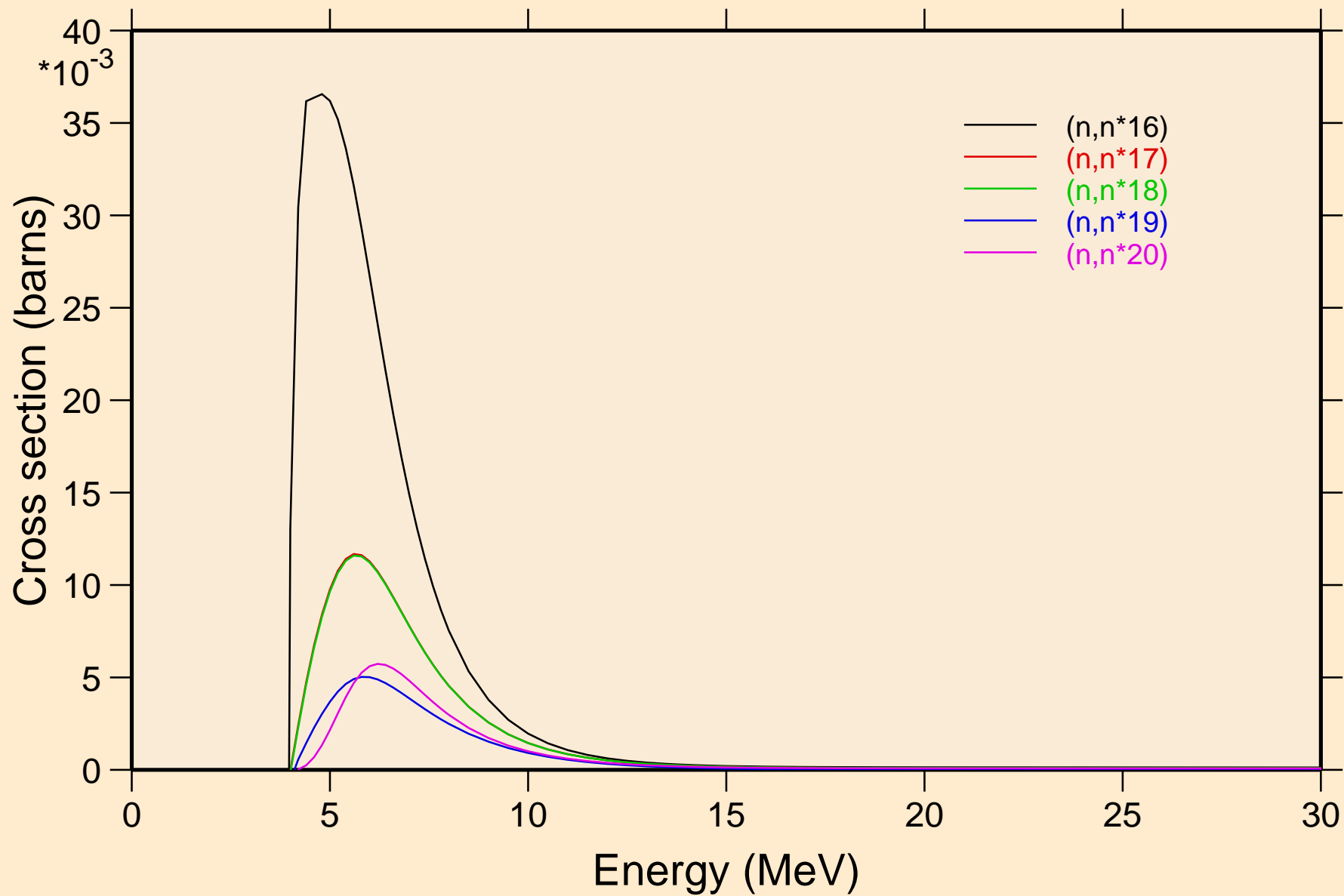
# CA044 NRG TENDL-2015, AKONING

## Inelastic levels



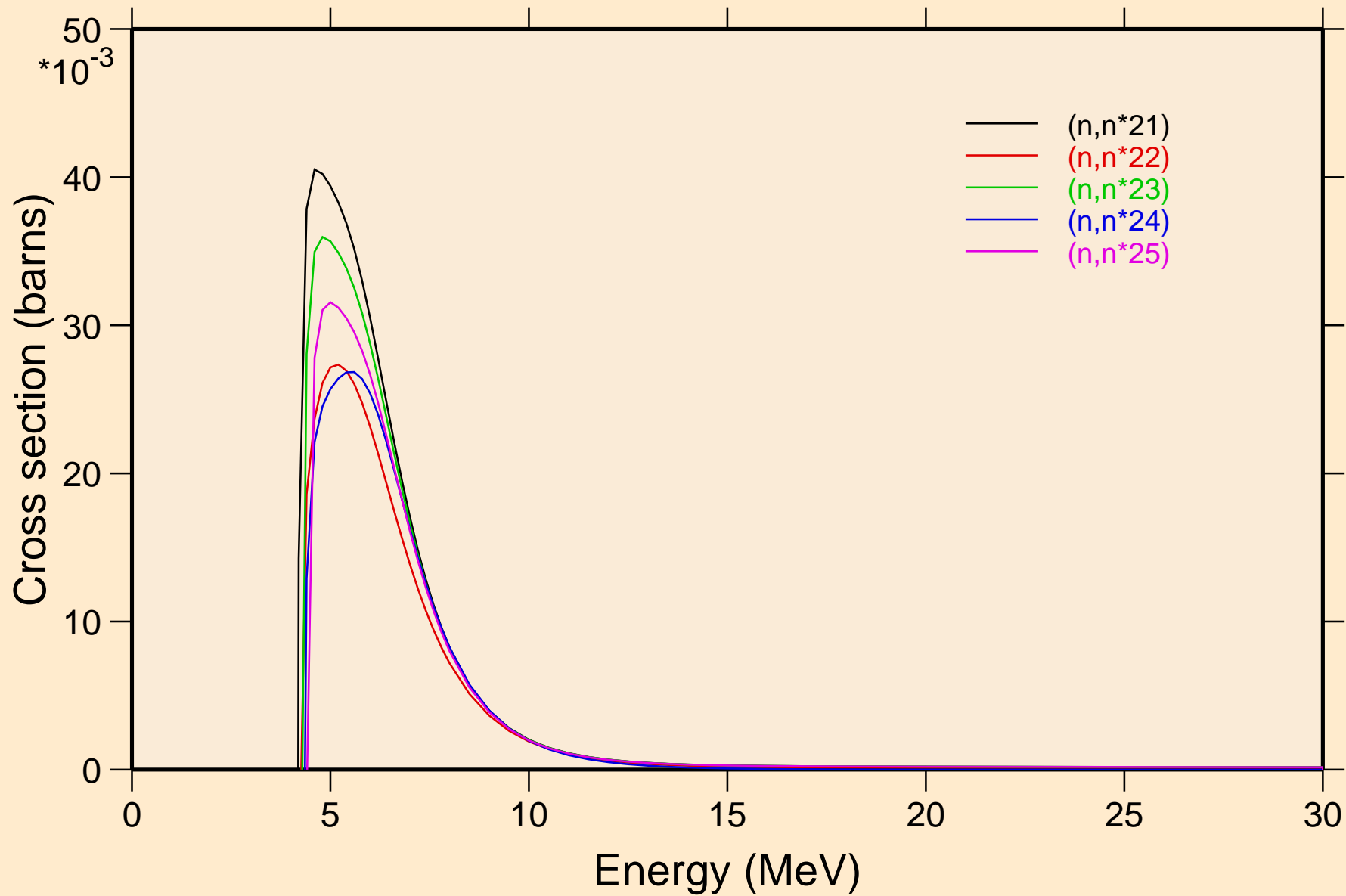
# CA044 NRG TENDL-2015, AKONING

## Inelastic levels



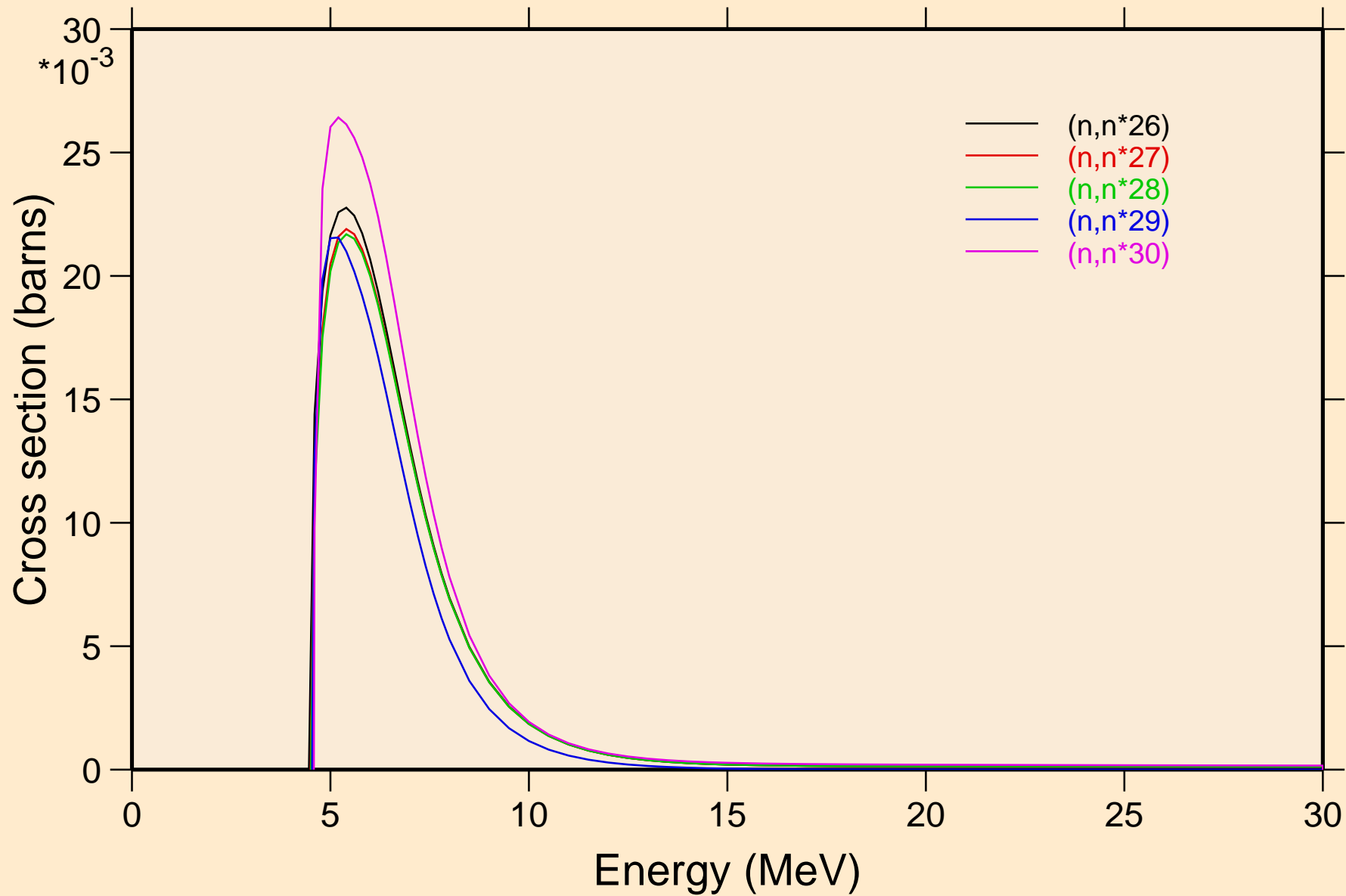
# CA044 NRG TENDL-2015, AKONING

## Inelastic levels



# CA044 NRG TENDL-2015, AKONING

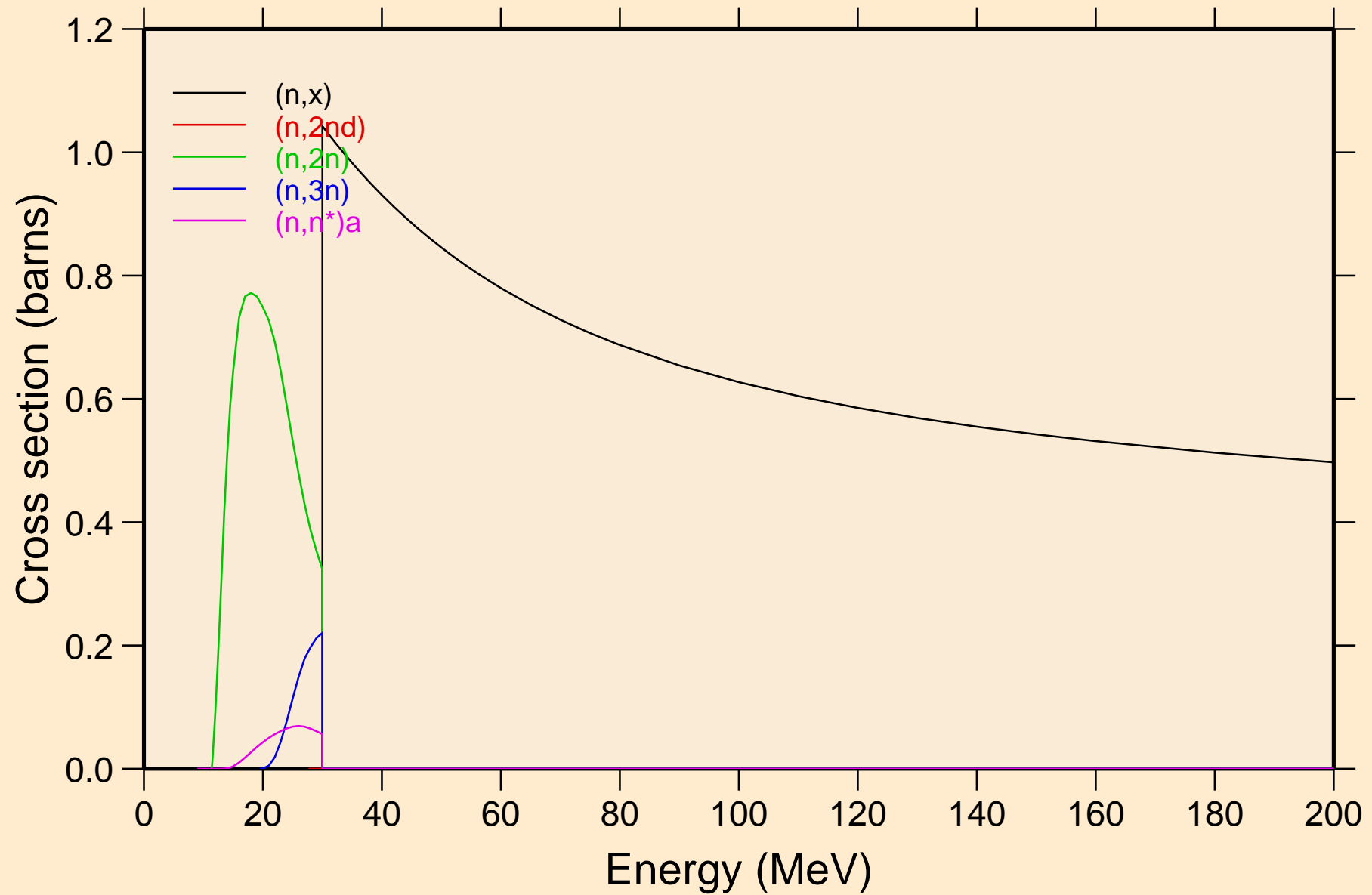
## Inelastic levels





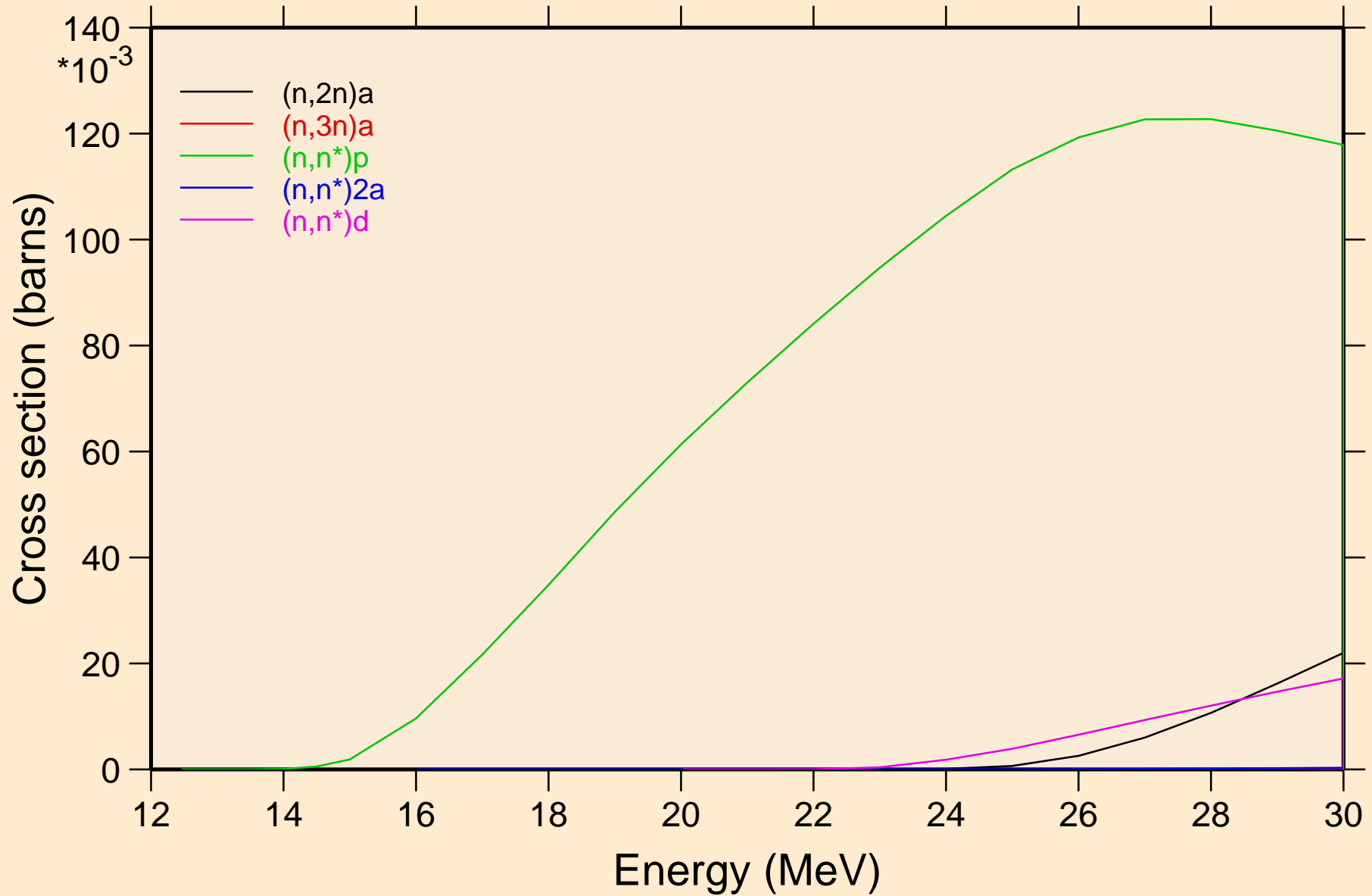
# CA044 NRG TENDL-2015, AKONING

## Threshold reactions



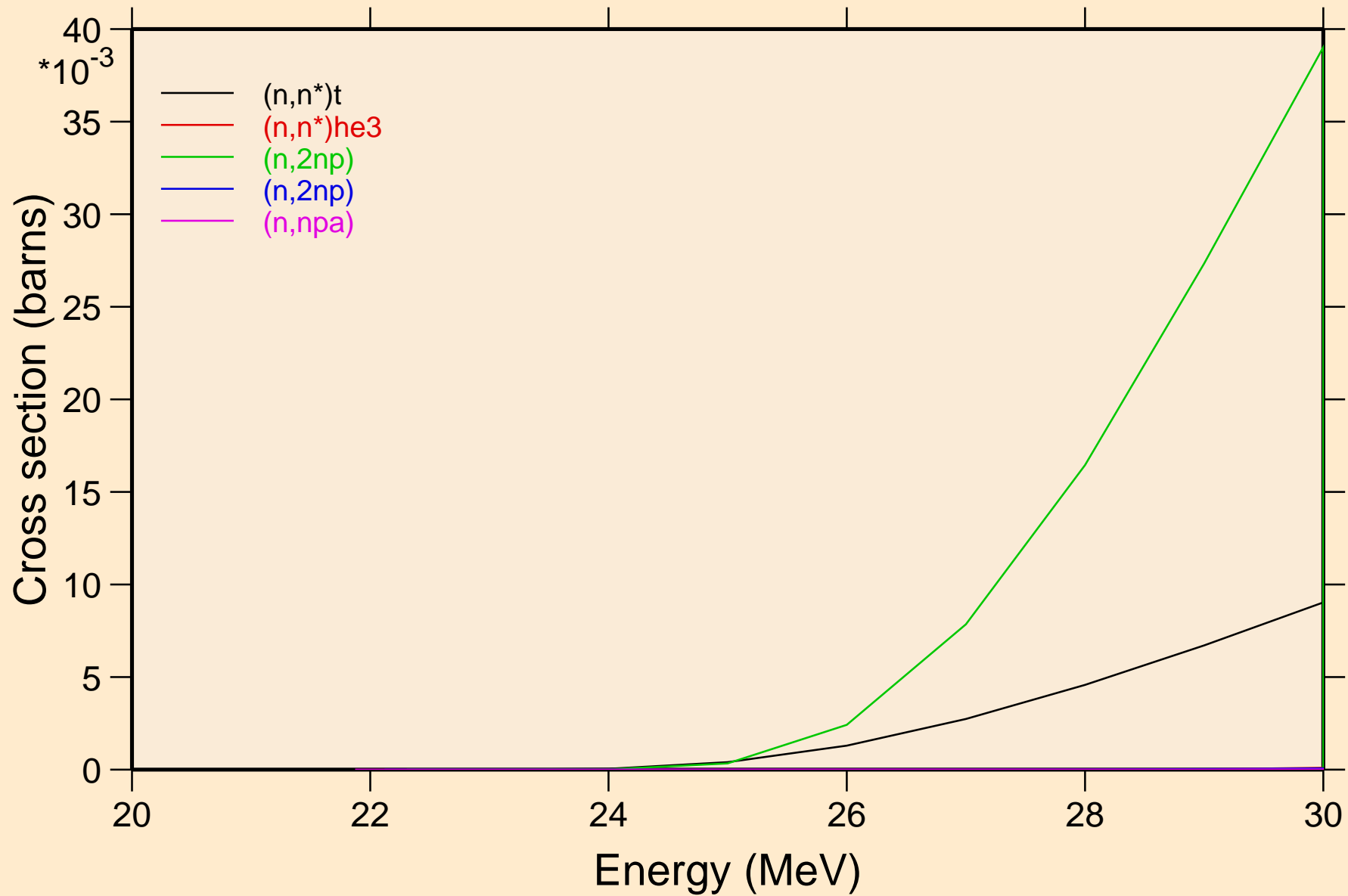
# CA044 NRG TENDL-2015, AKONING

## Threshold reactions



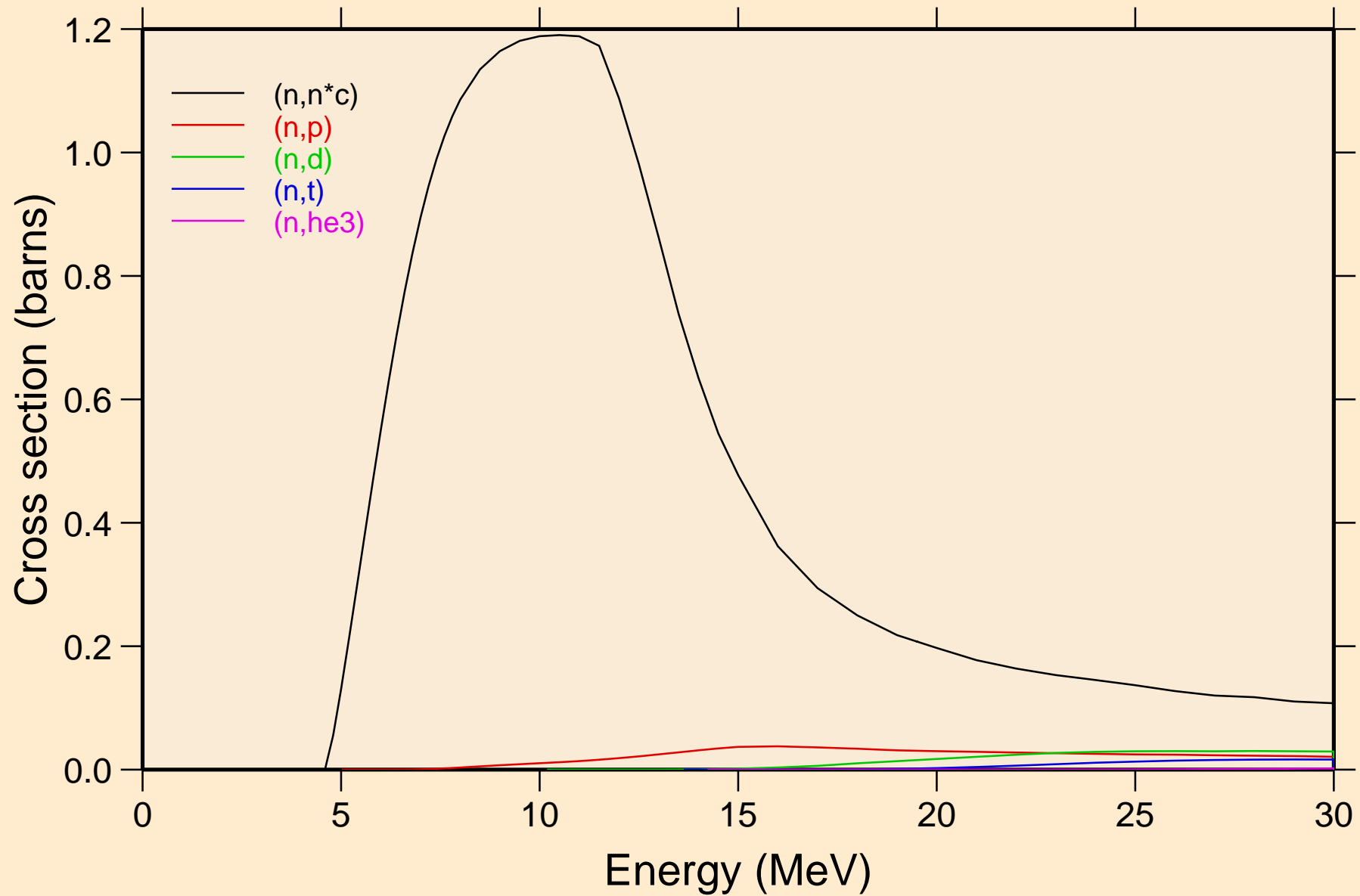
# CA044 NRG TENDL-2015, AKONING

## Threshold reactions



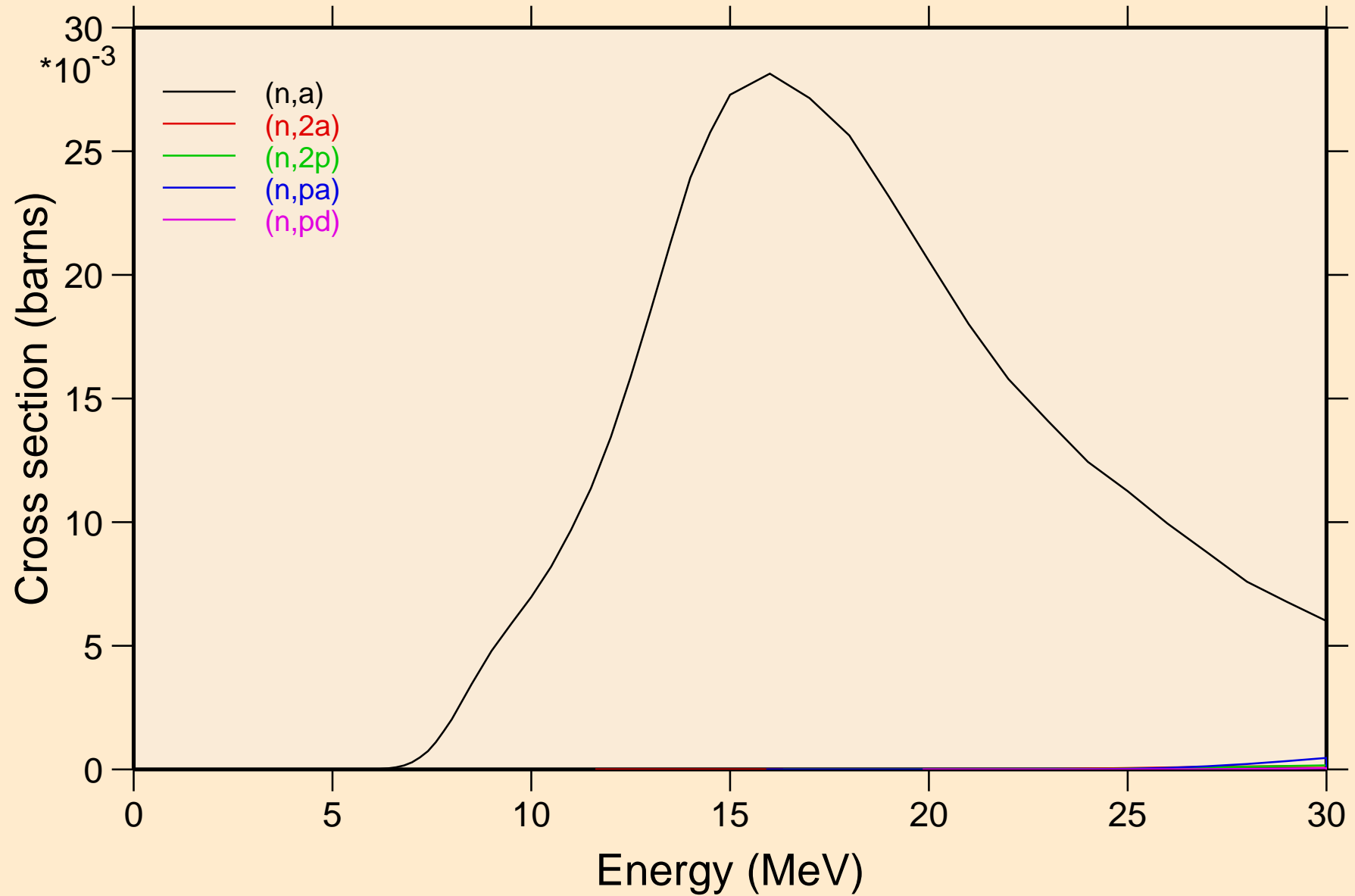
# CA044 NRG TENDL-2015, AKONING

## Threshold reactions



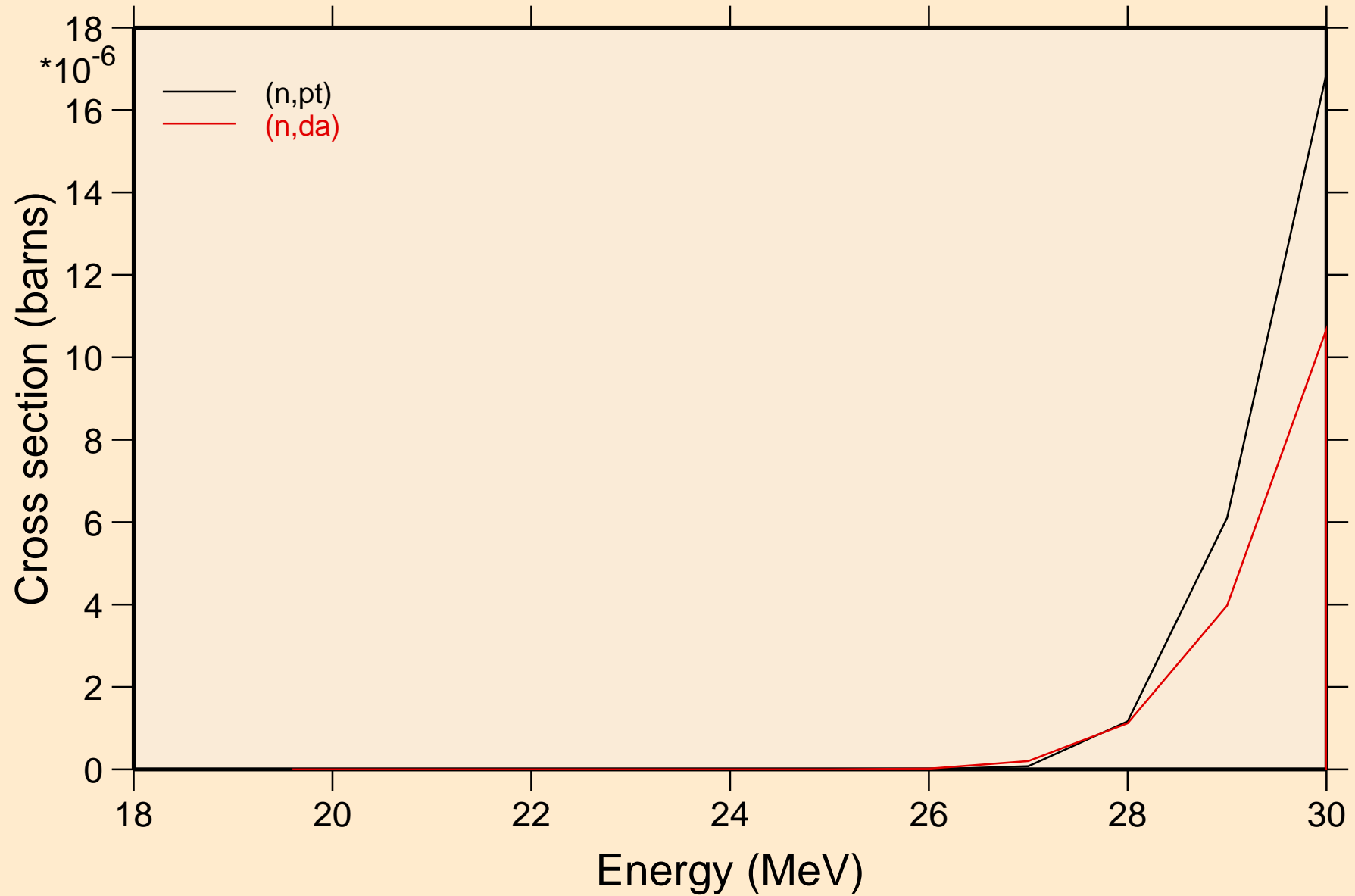
# CA044 NRG TENDL-2015, AKONING

## Threshold reactions

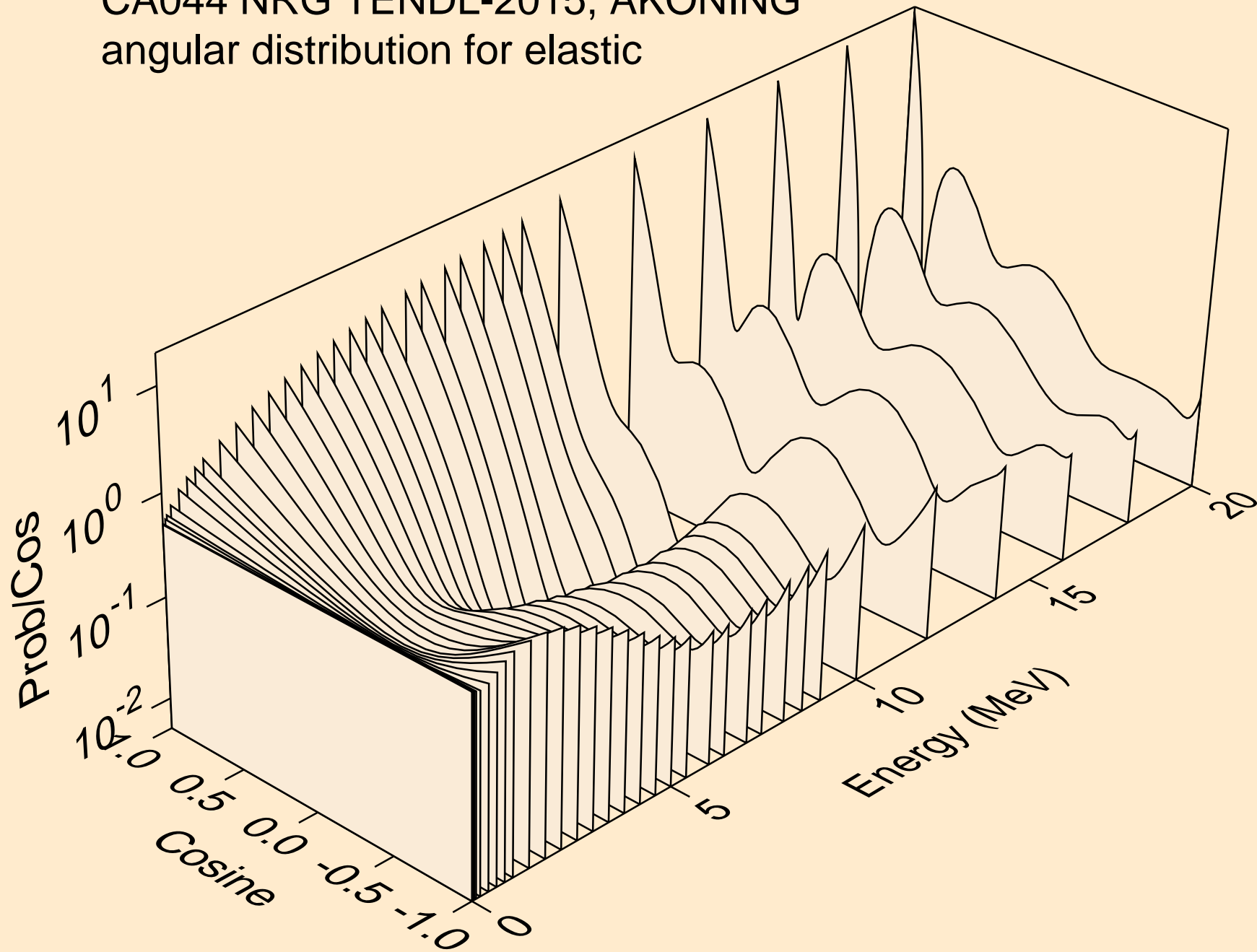


# CA044 NRG TENDL-2015, AKONING

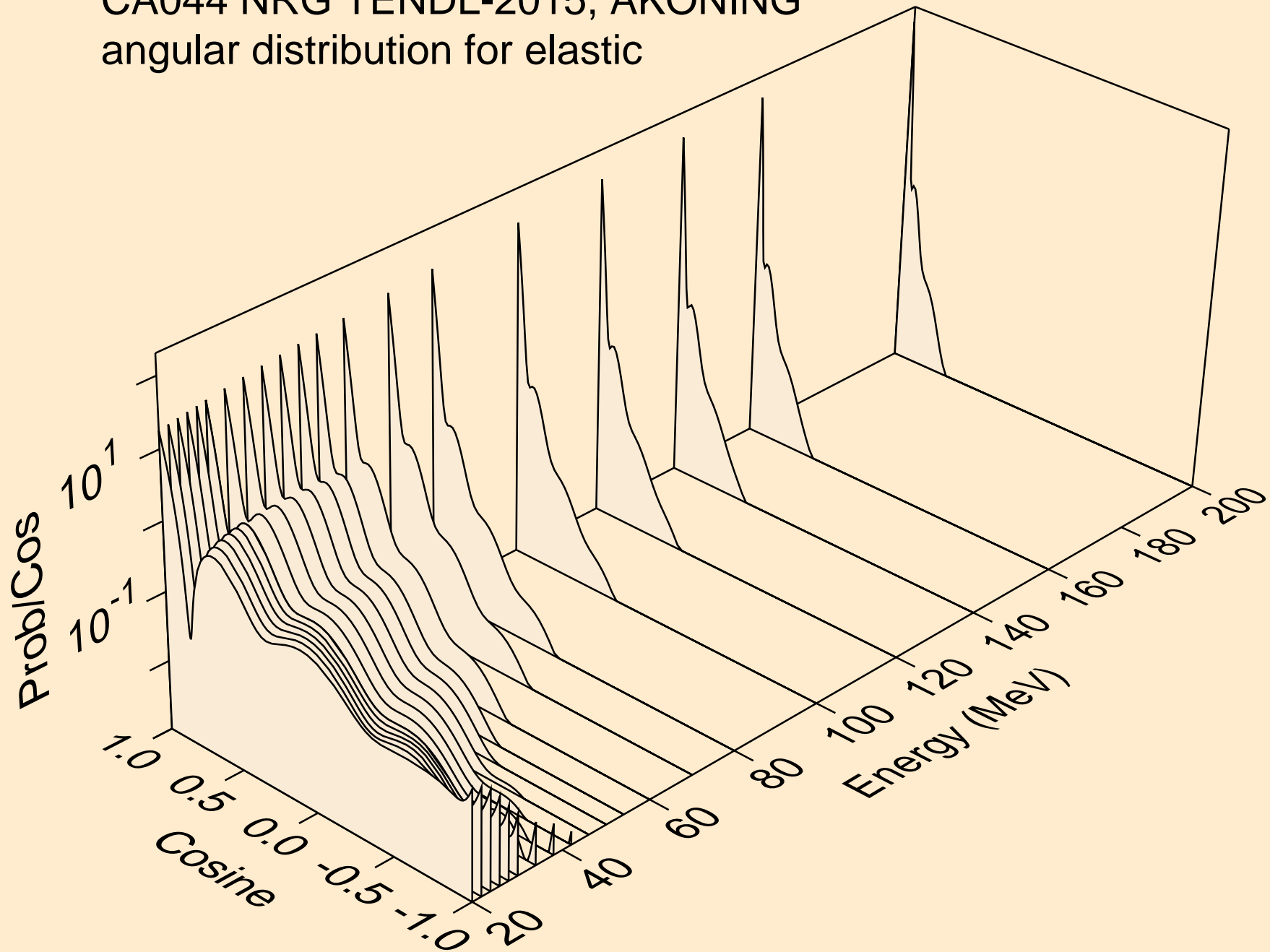
## Threshold reactions



CA044 NRG TENDL-2015, AKONING  
angular distribution for elastic

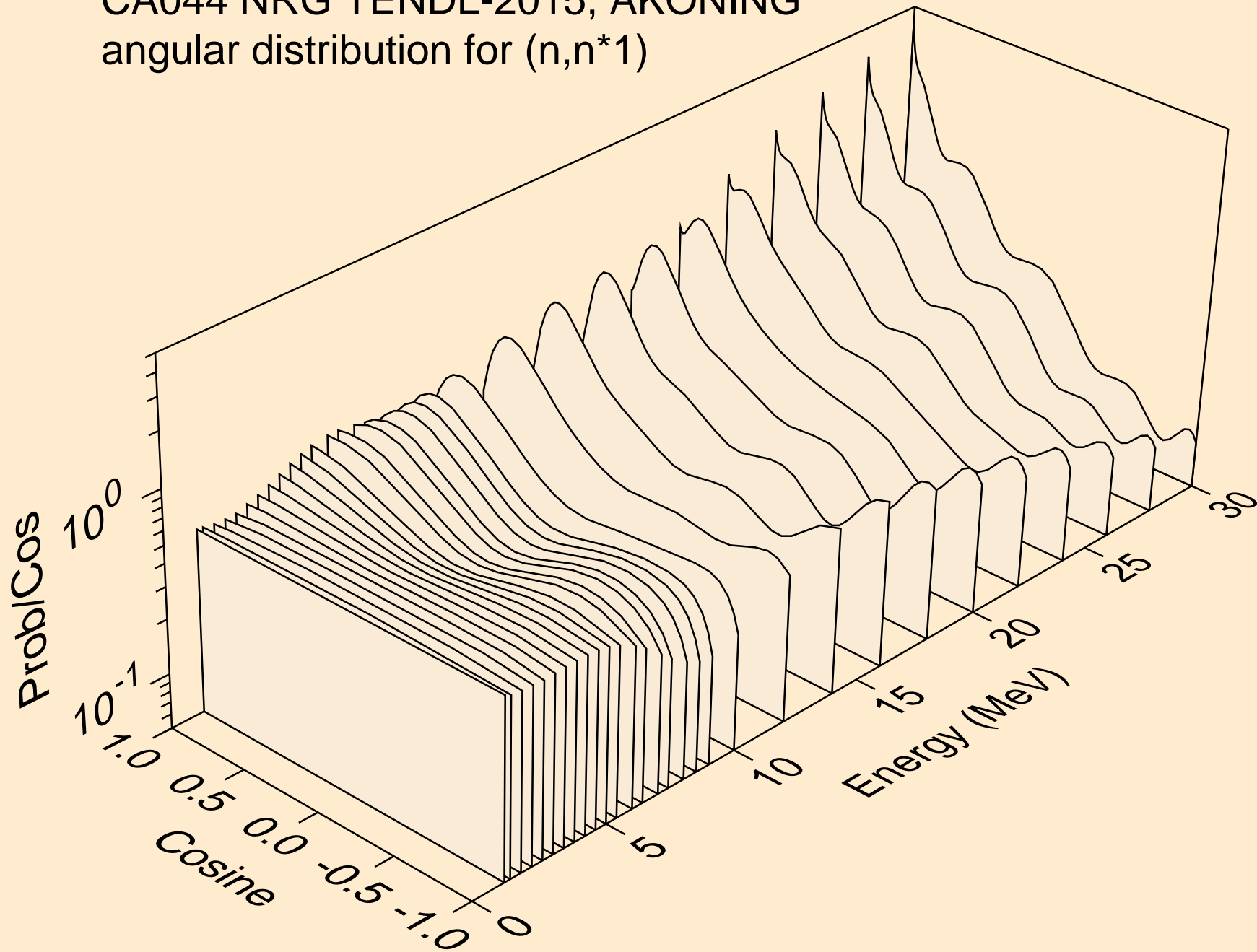


CA044 NRG TENDL-2015, AKONING  
angular distribution for elastic

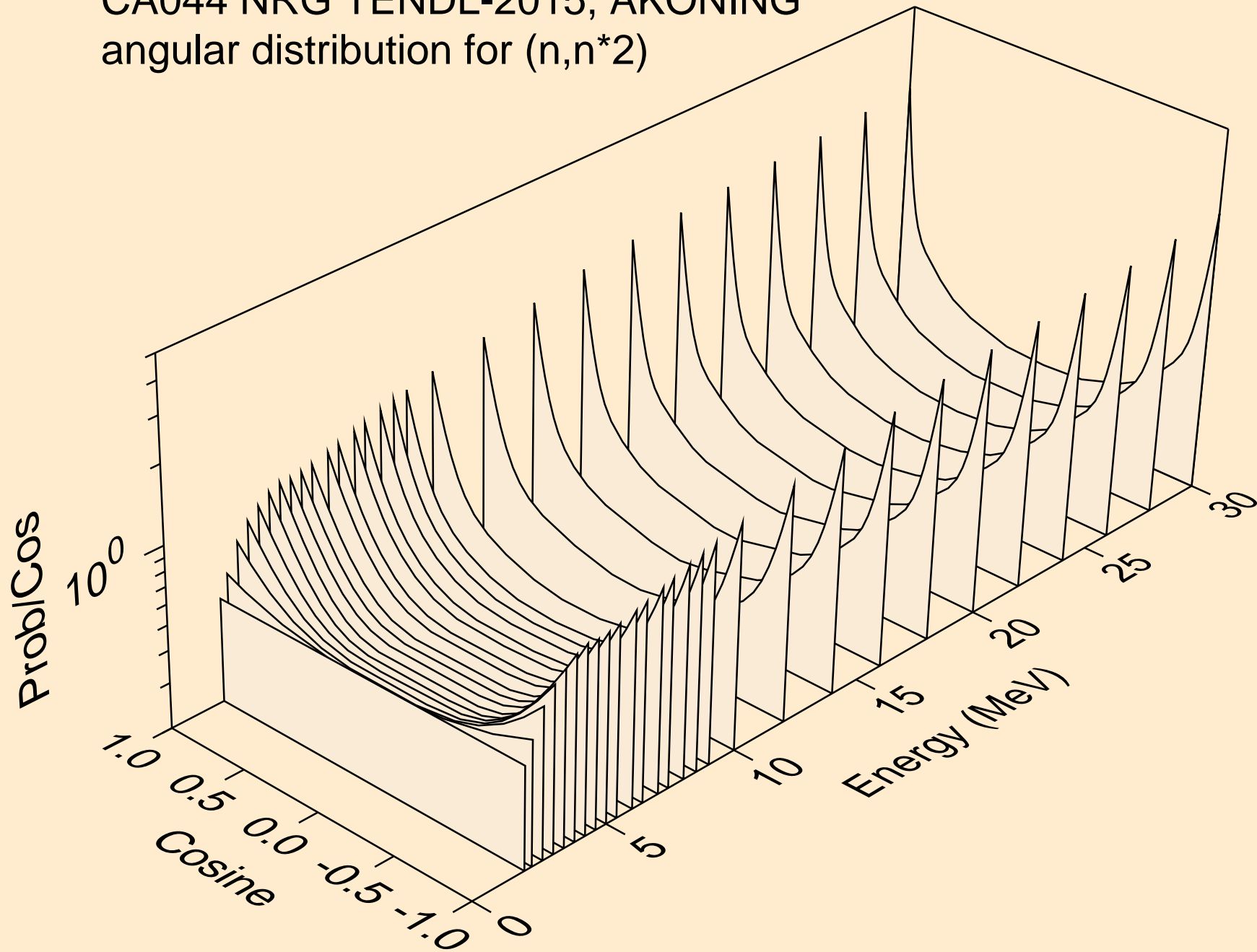




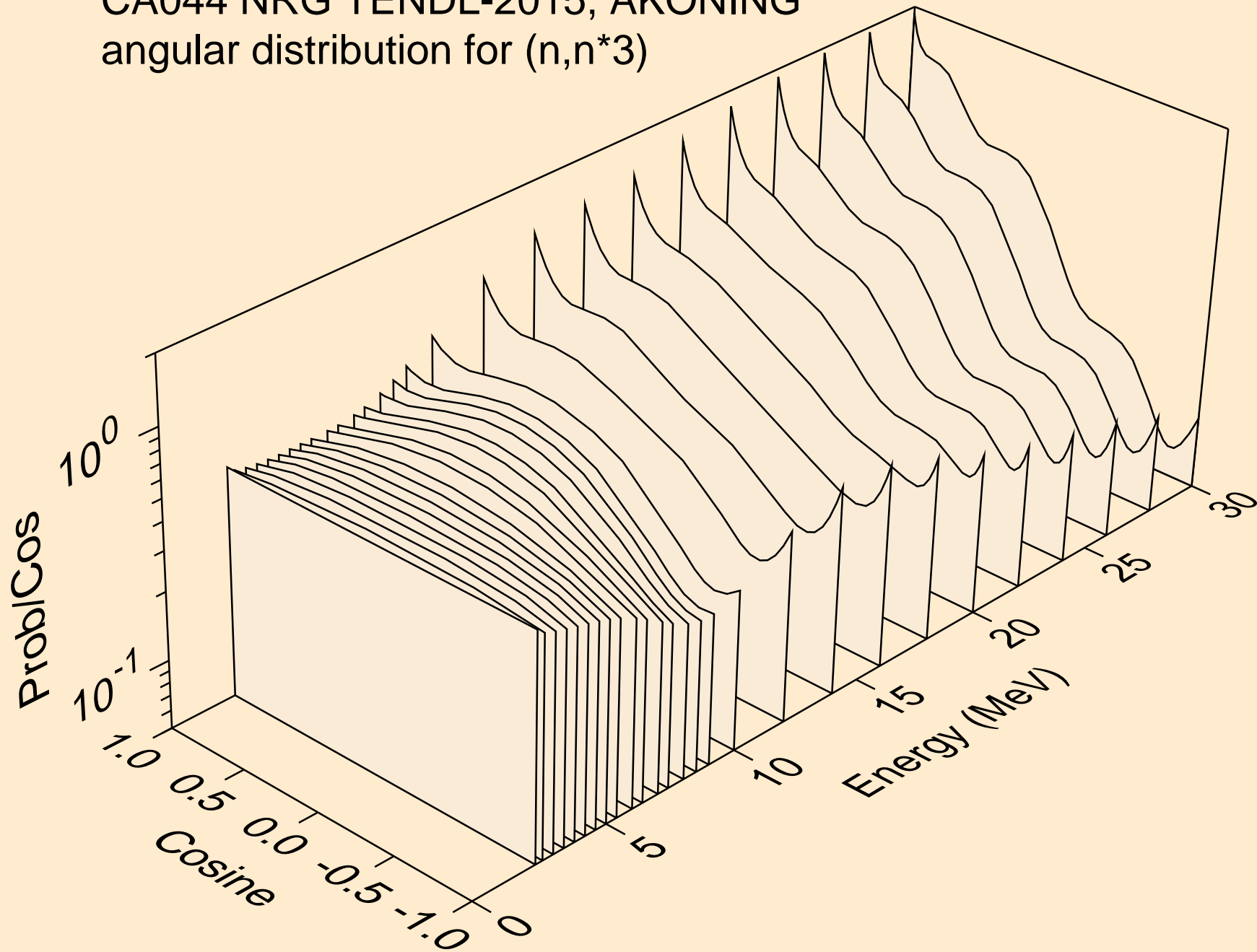
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



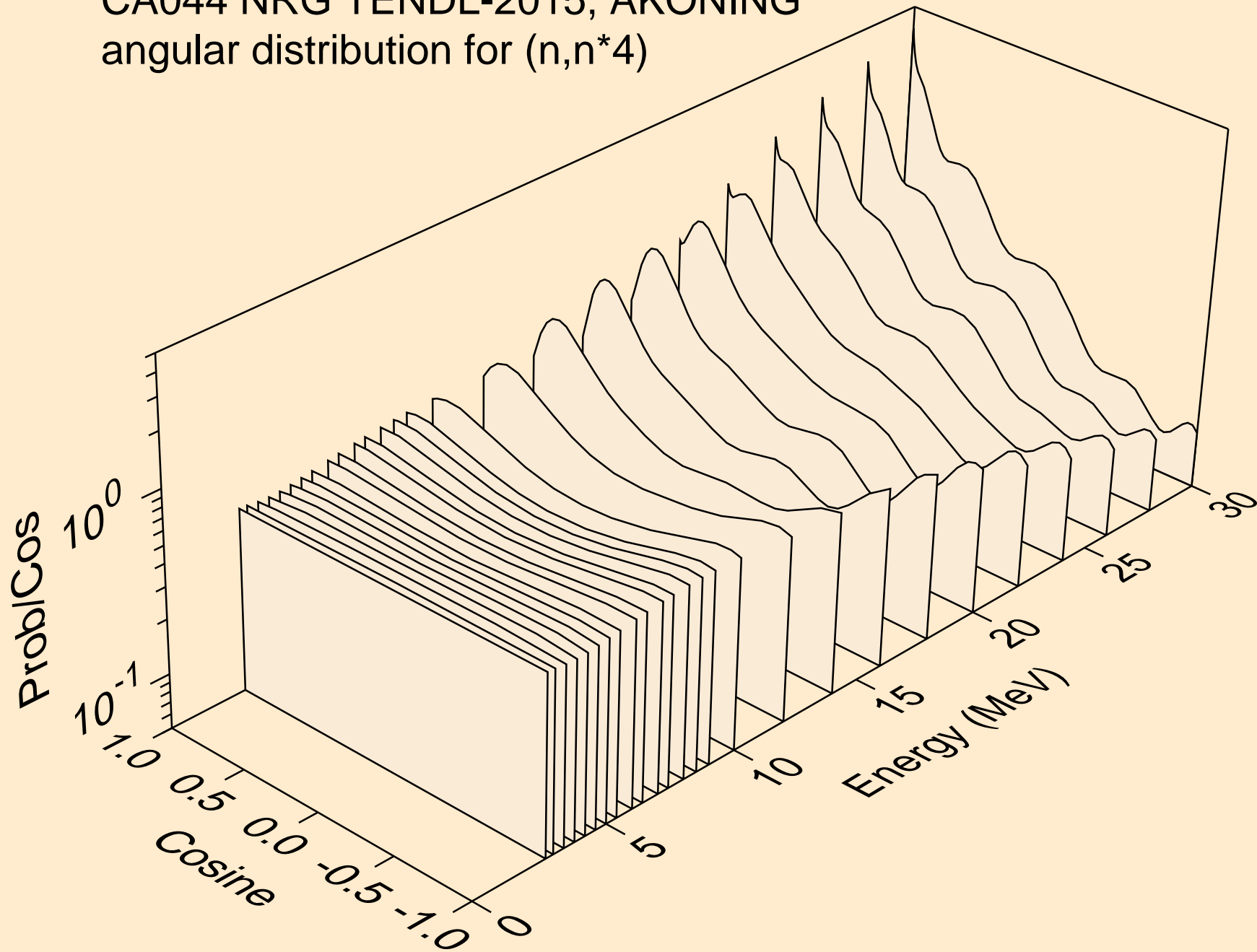
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angular distribution for (n,n\*2)



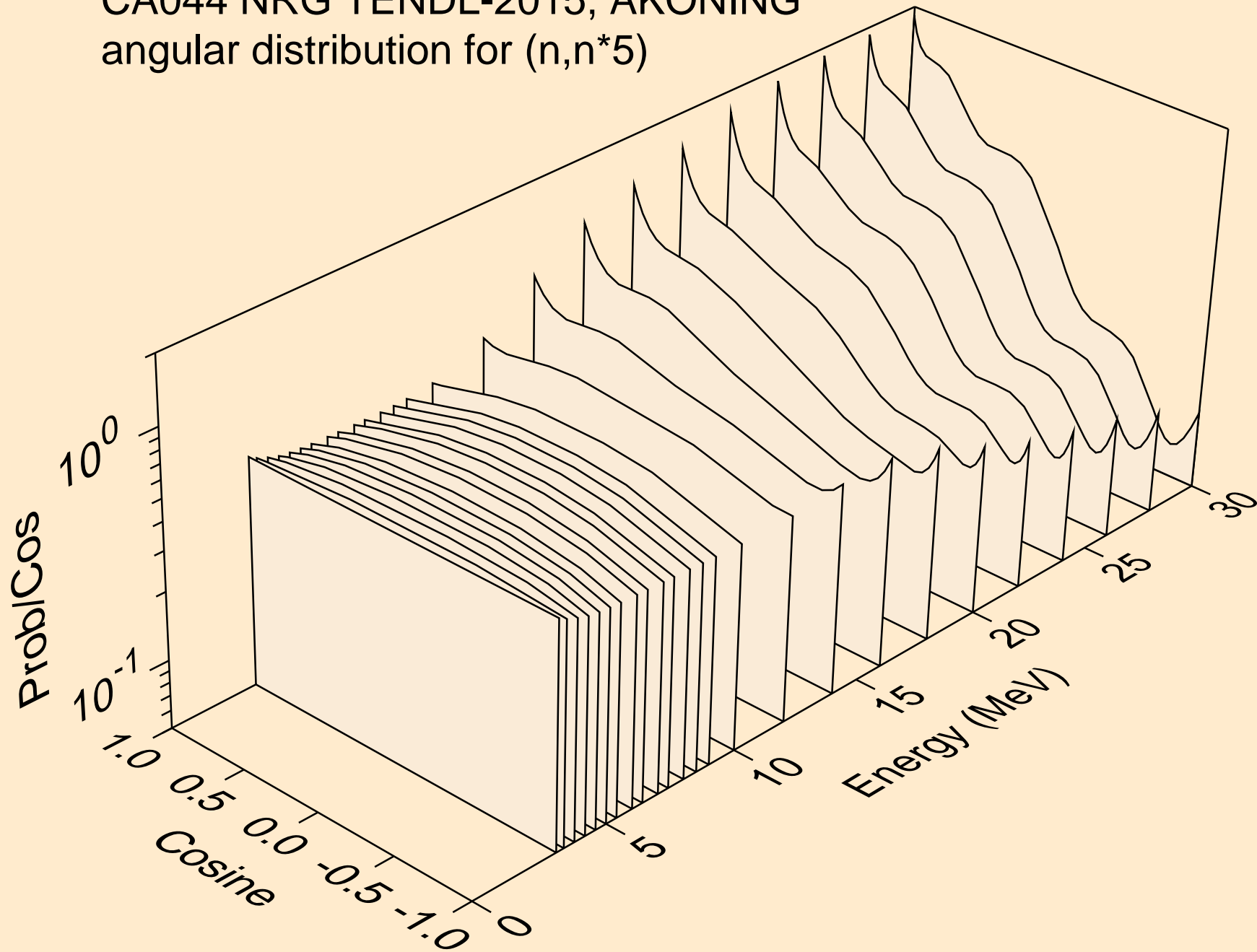
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



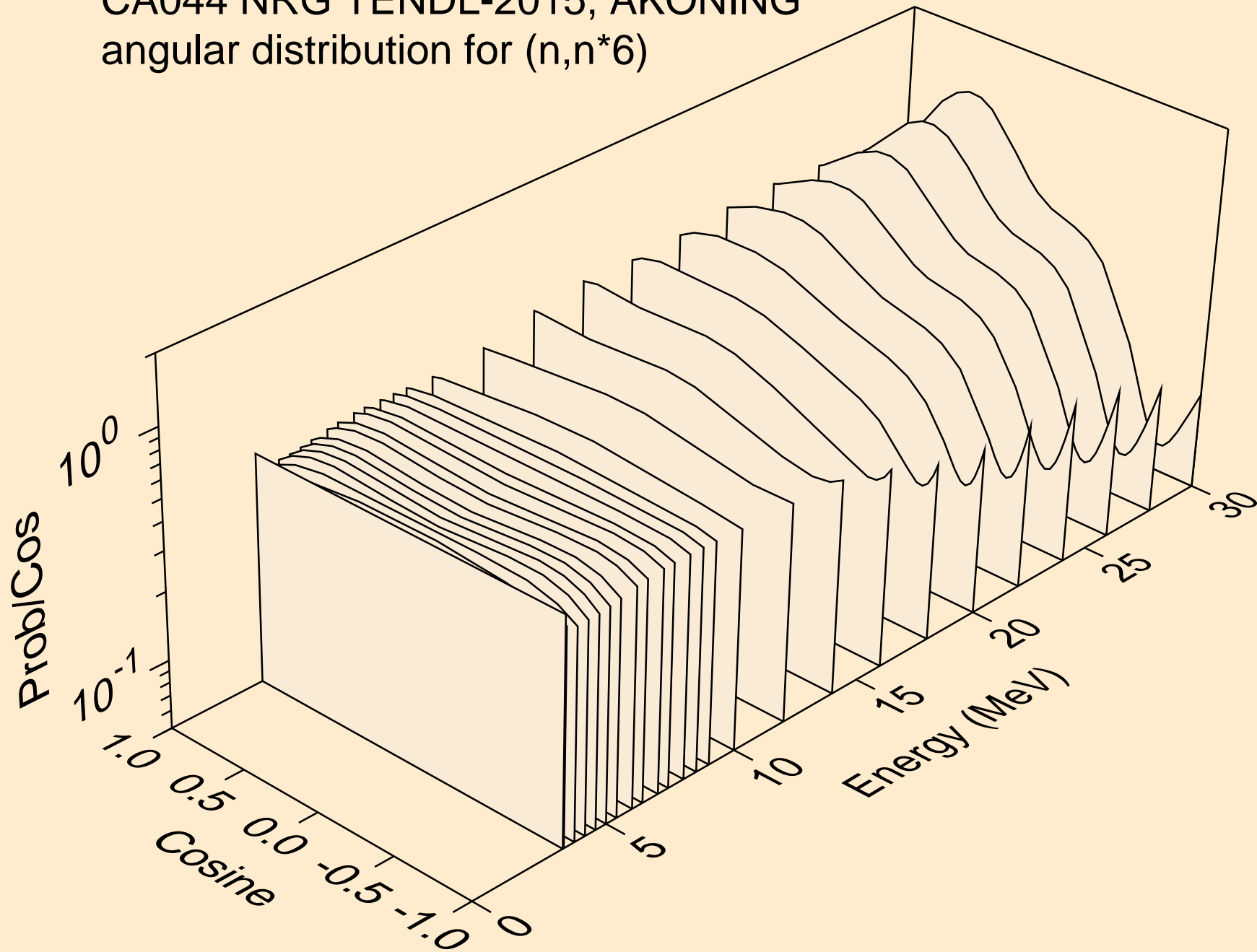
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



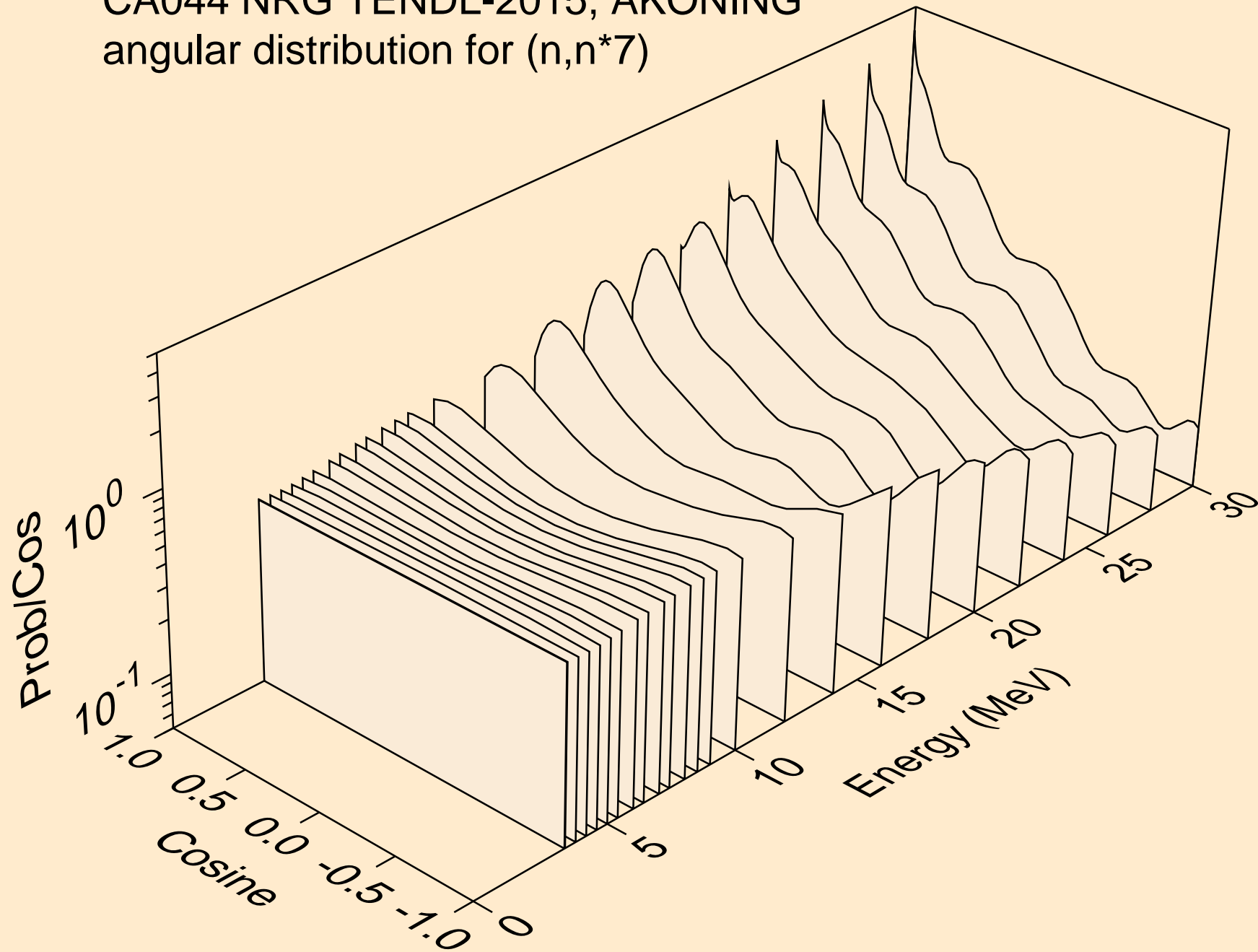
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



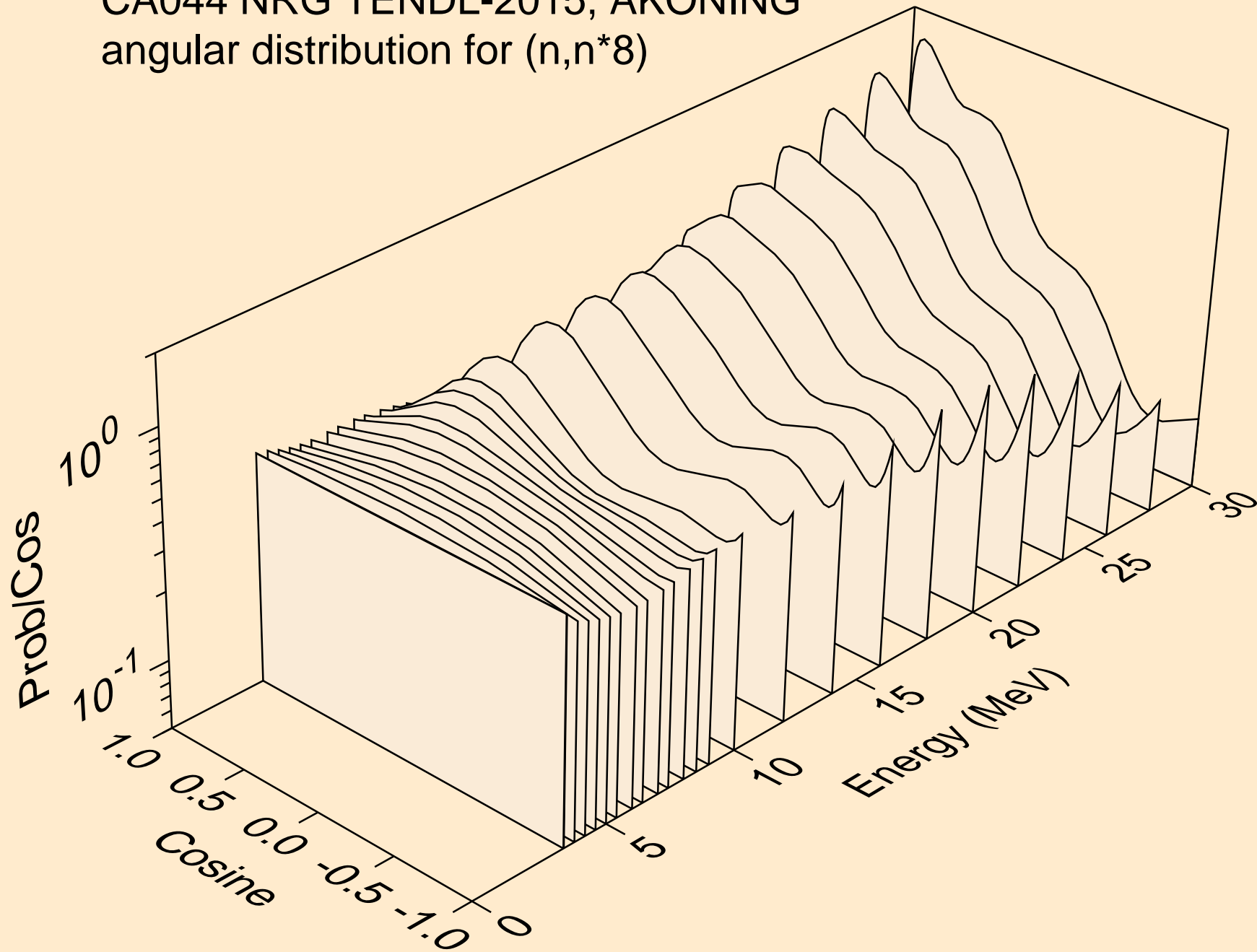
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

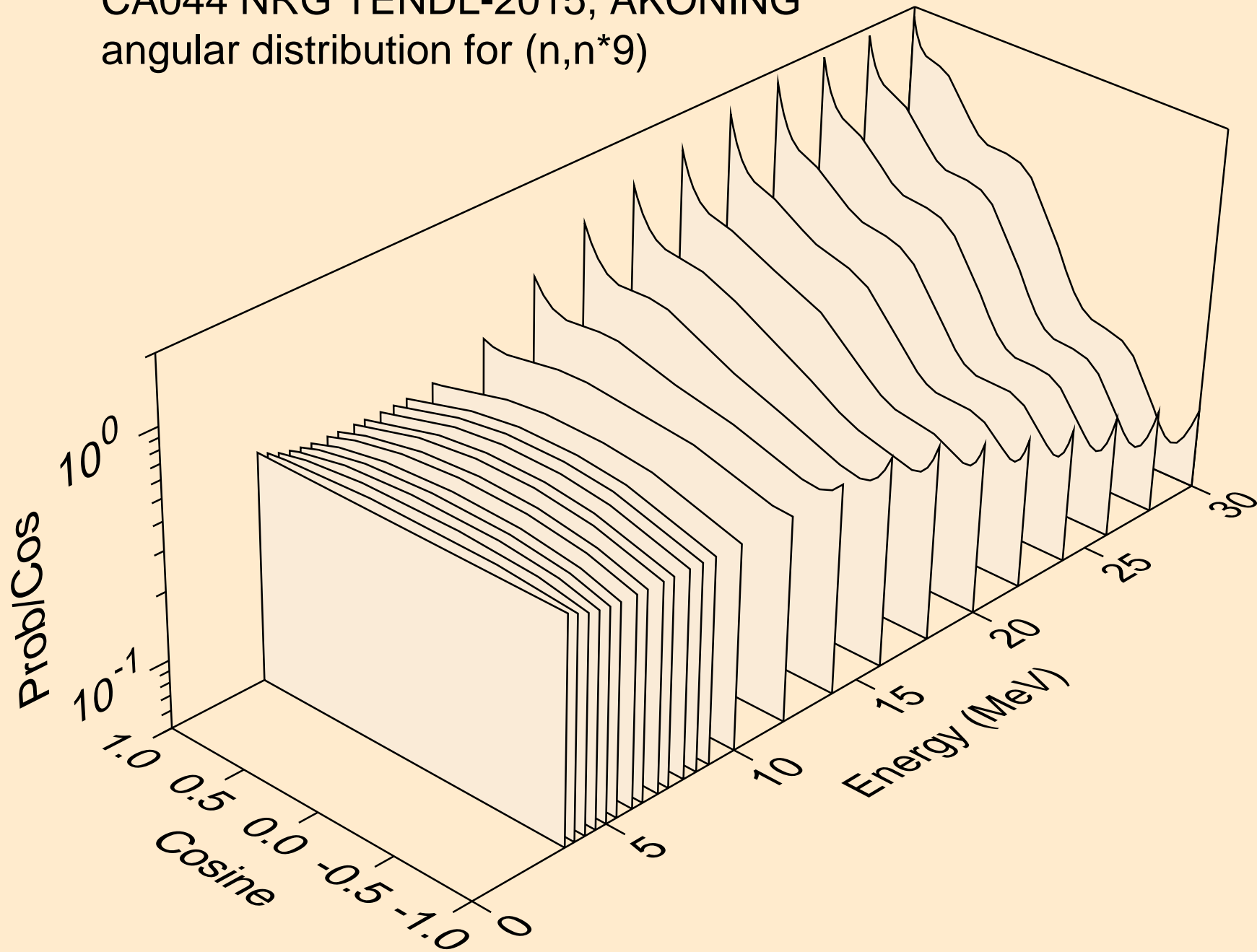


CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

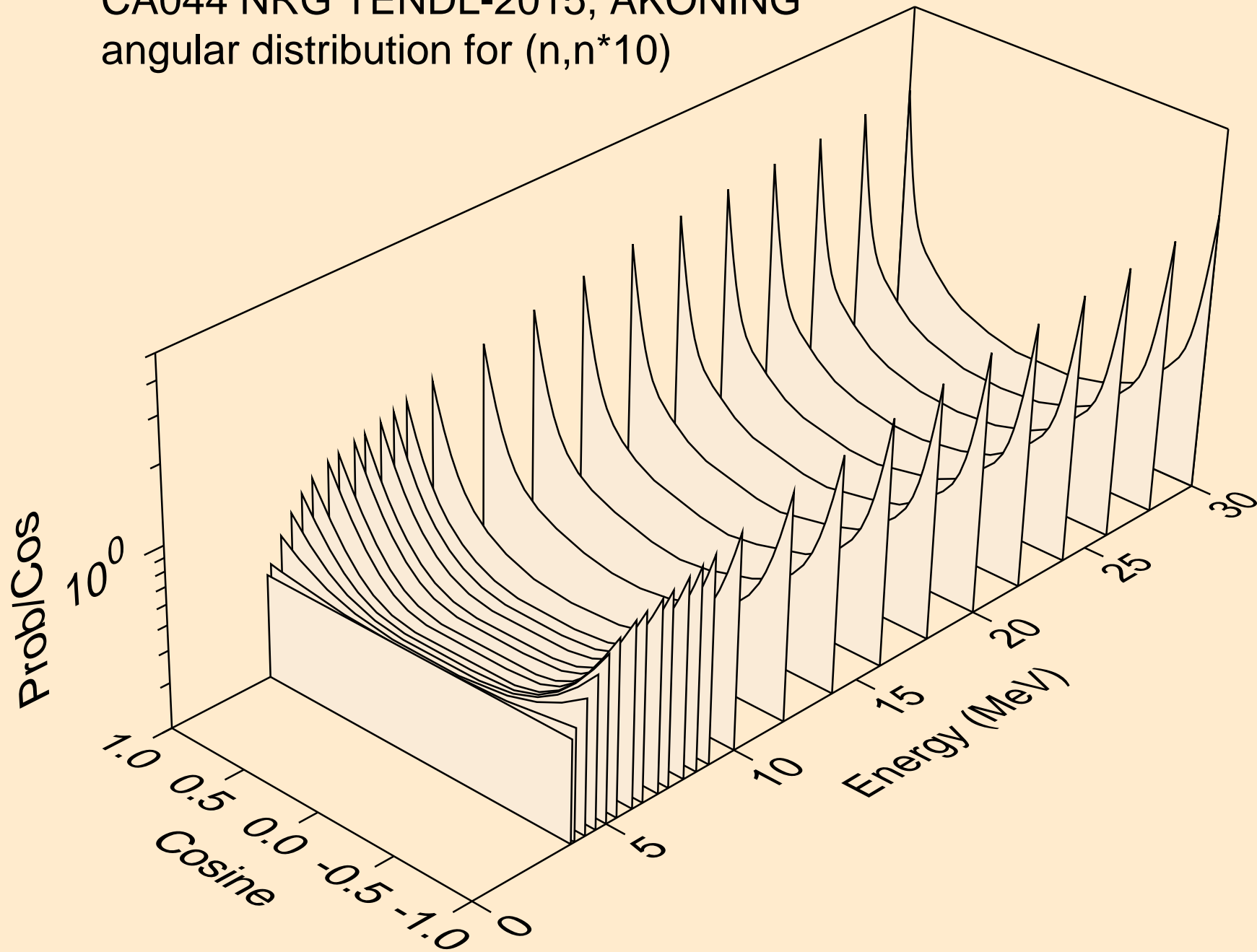




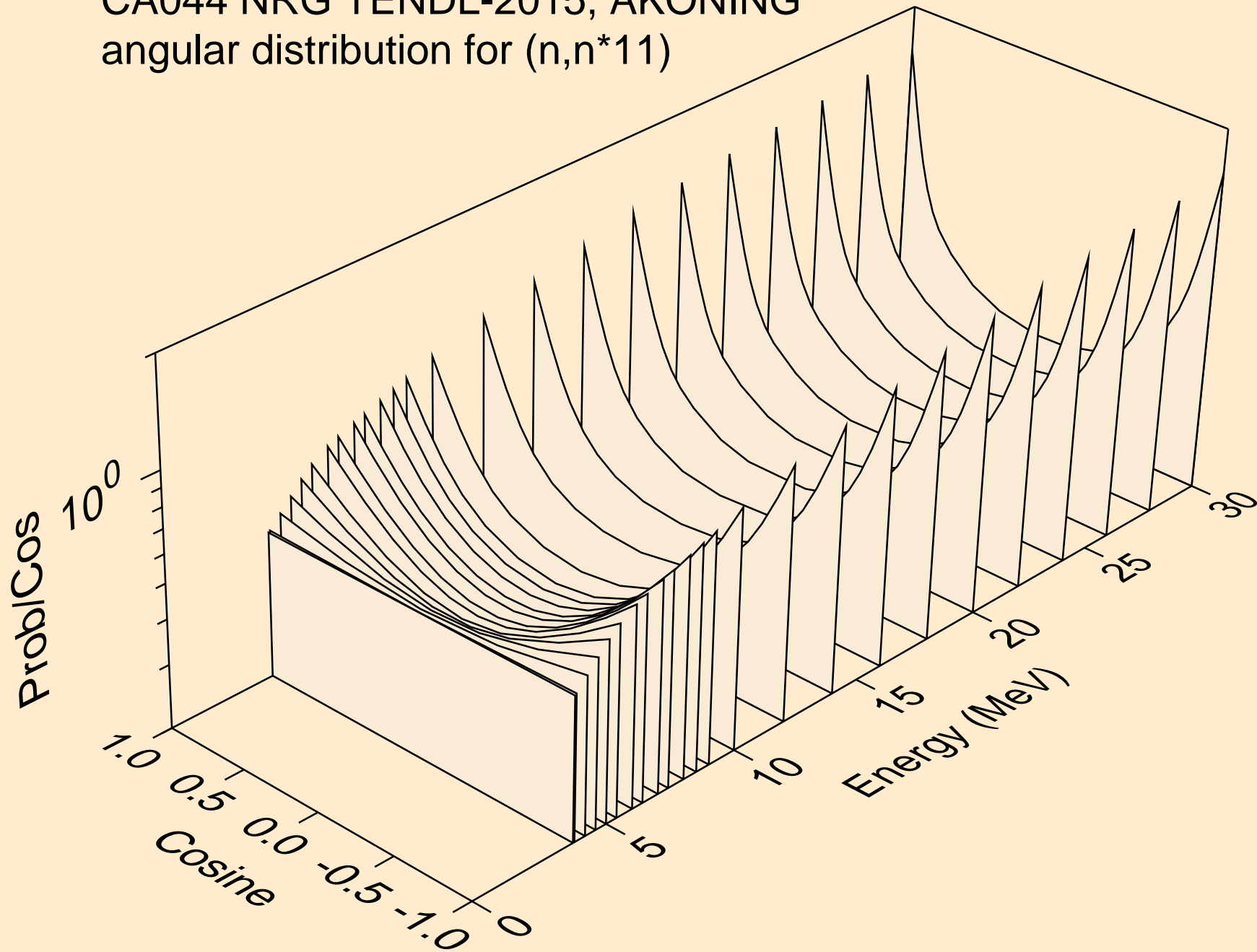
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



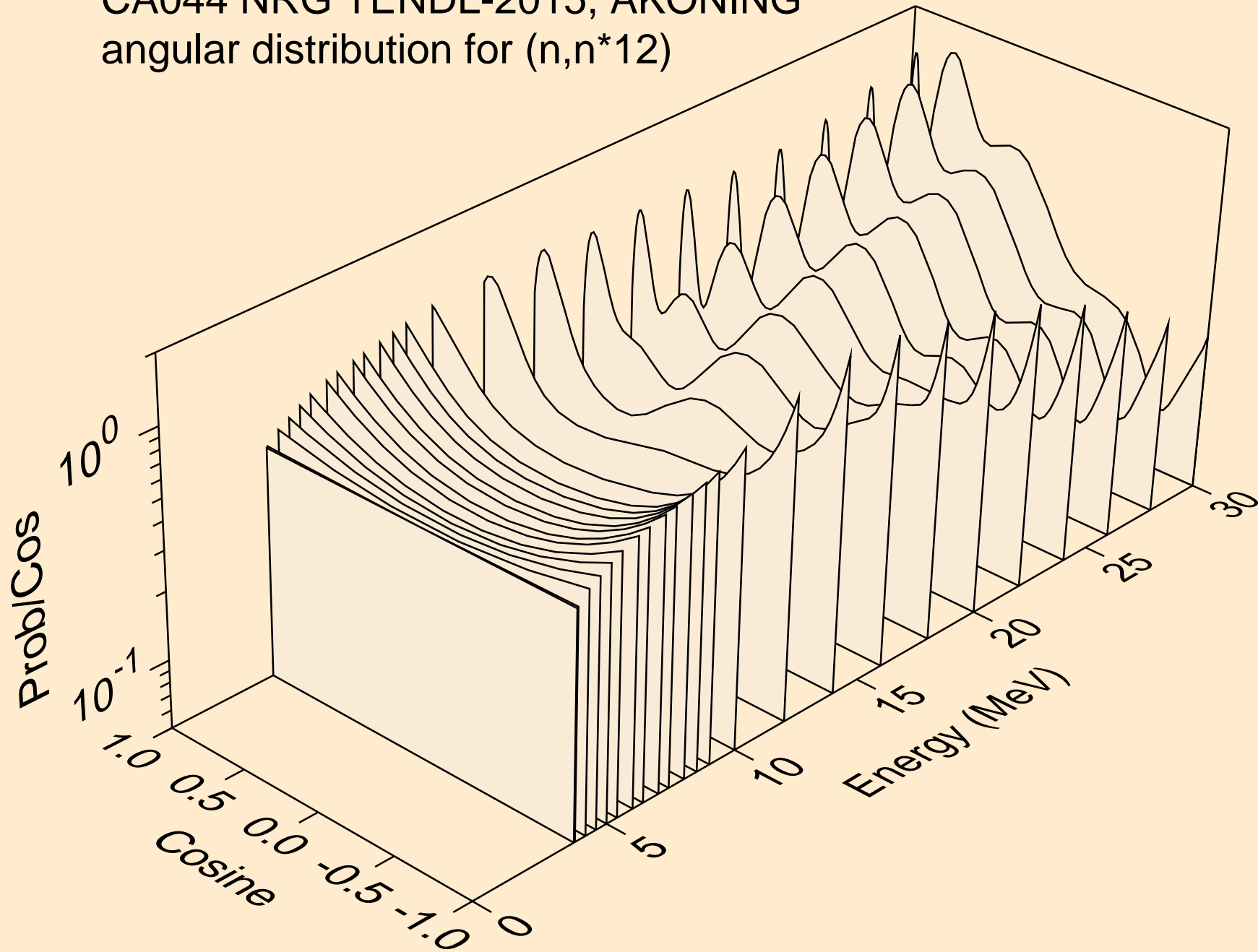
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angular distribution for (n,n\*10)



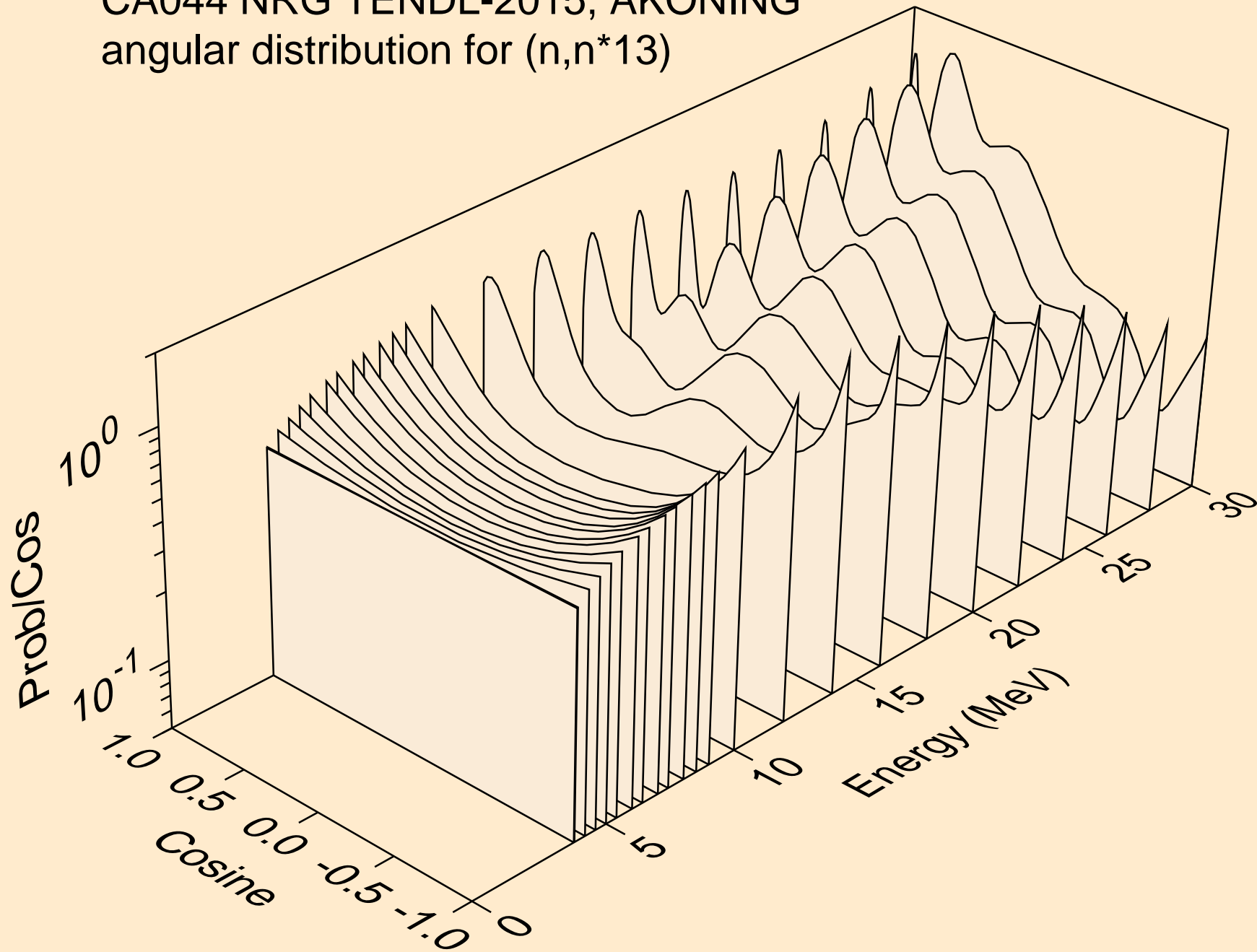
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



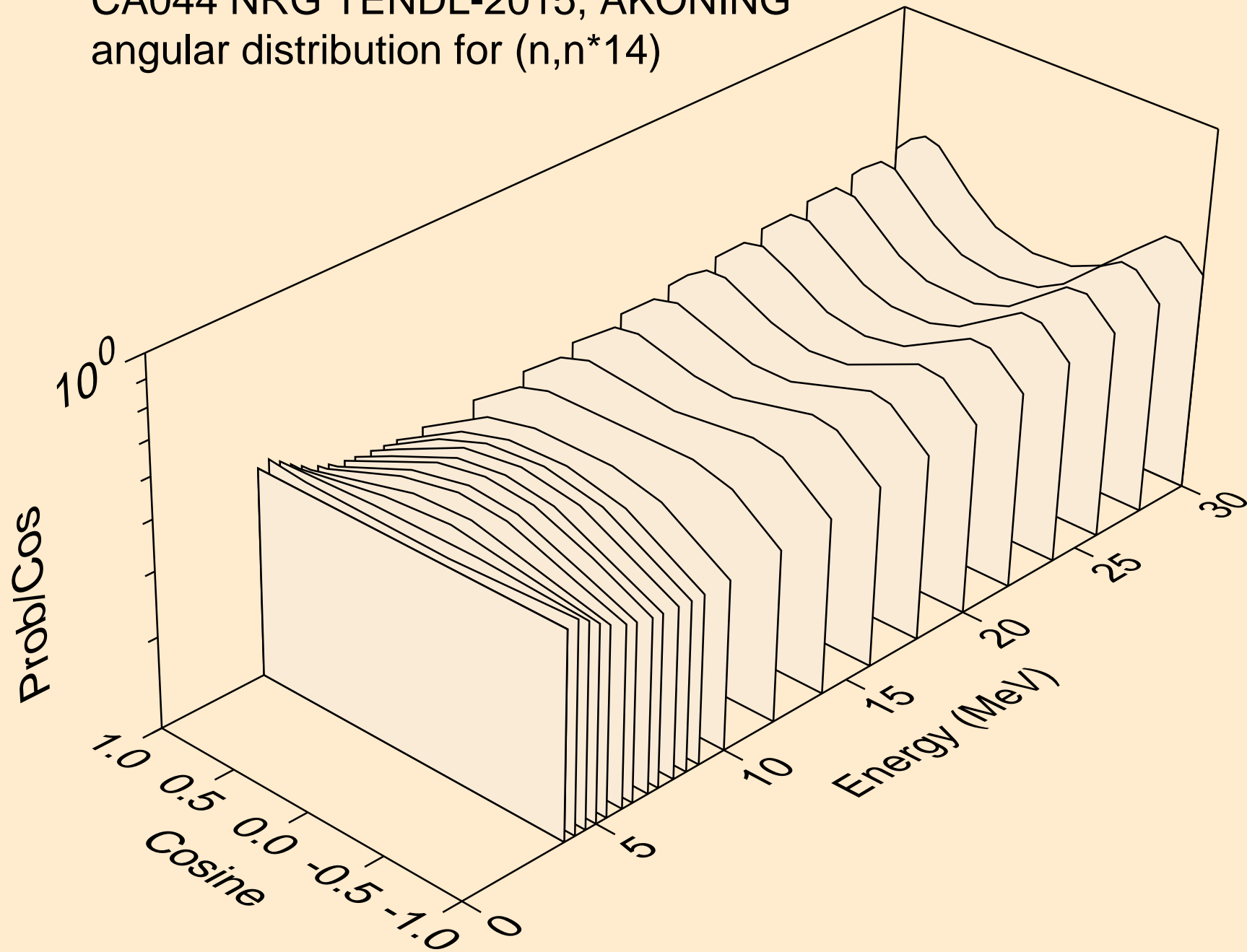
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



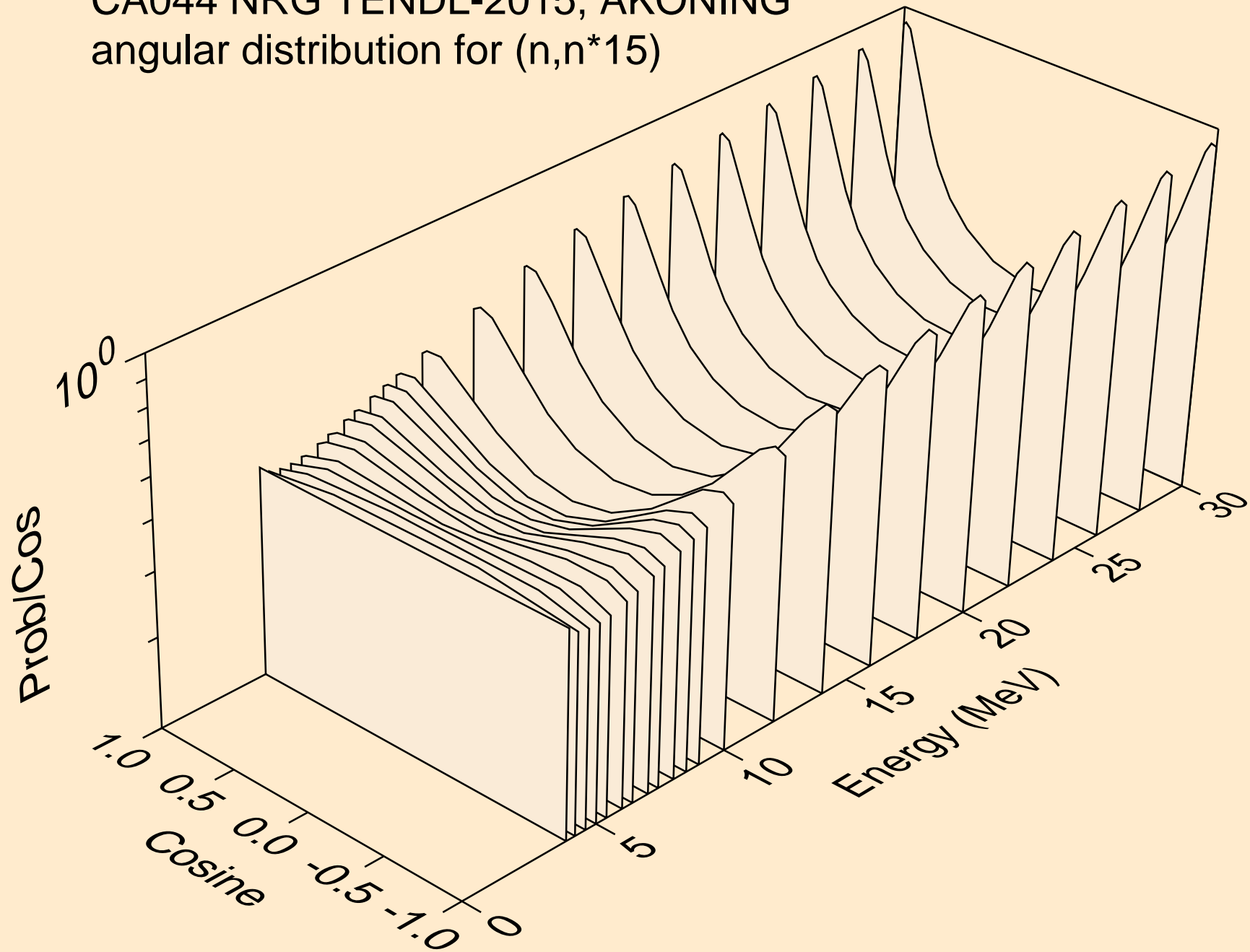
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



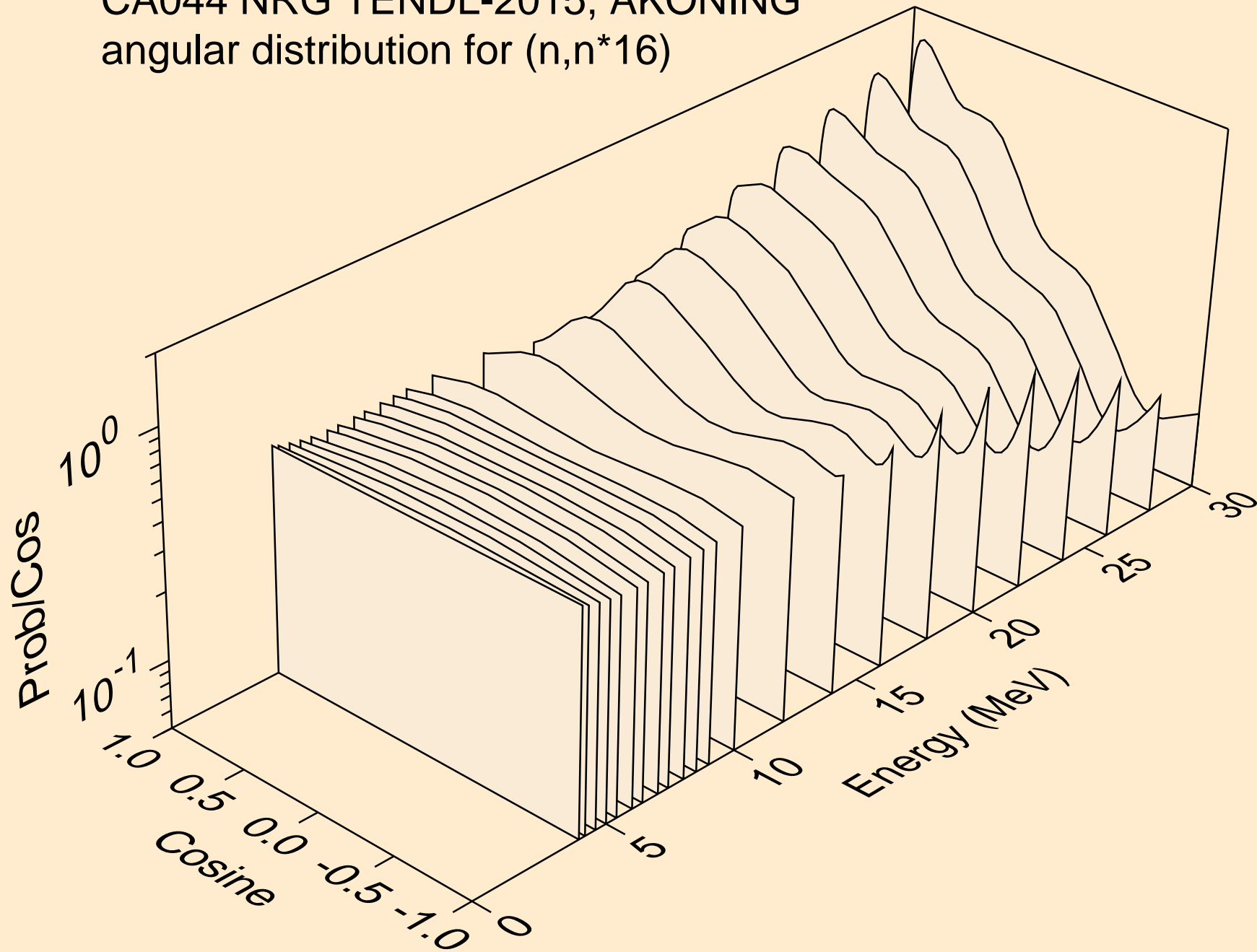
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

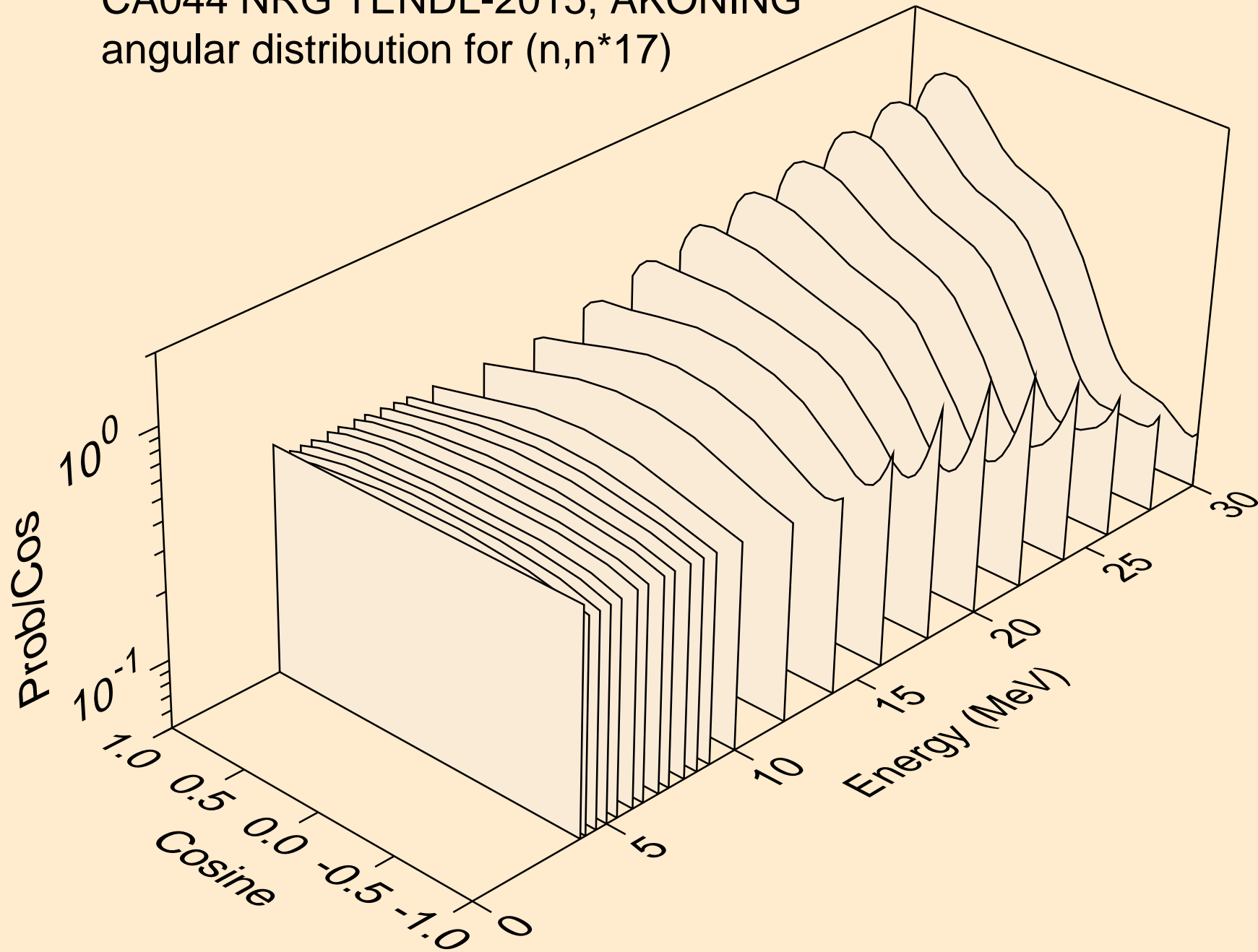


CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

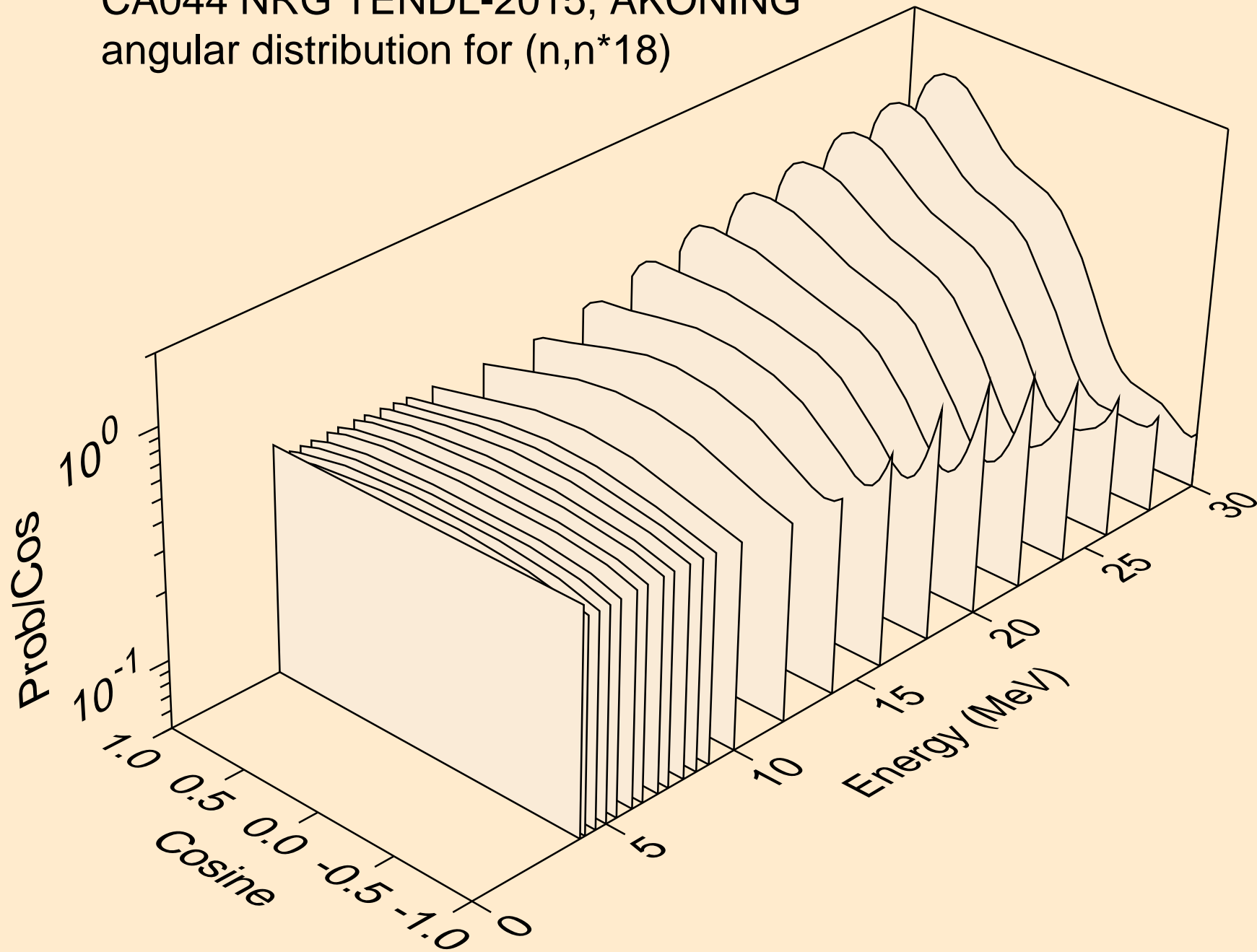




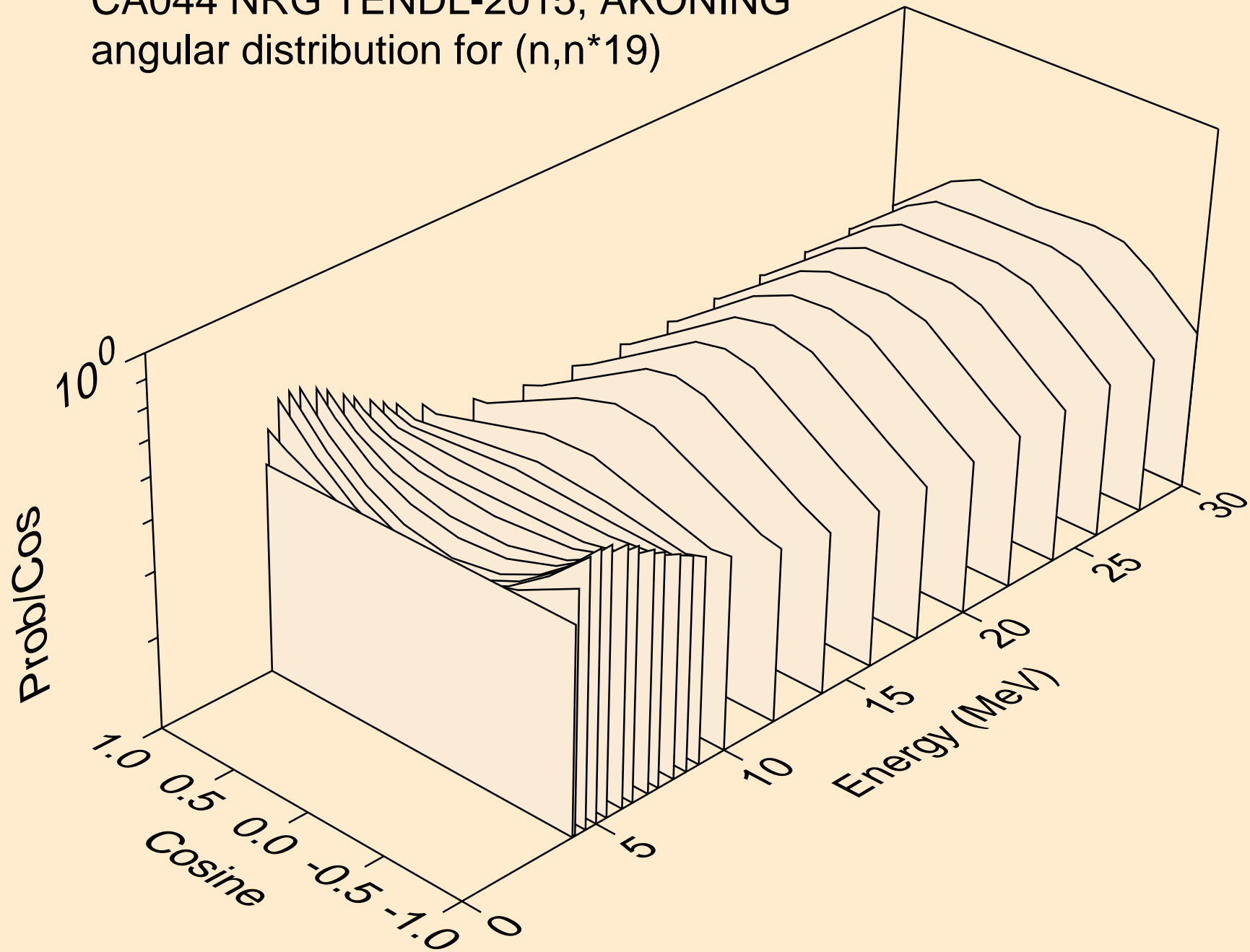
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



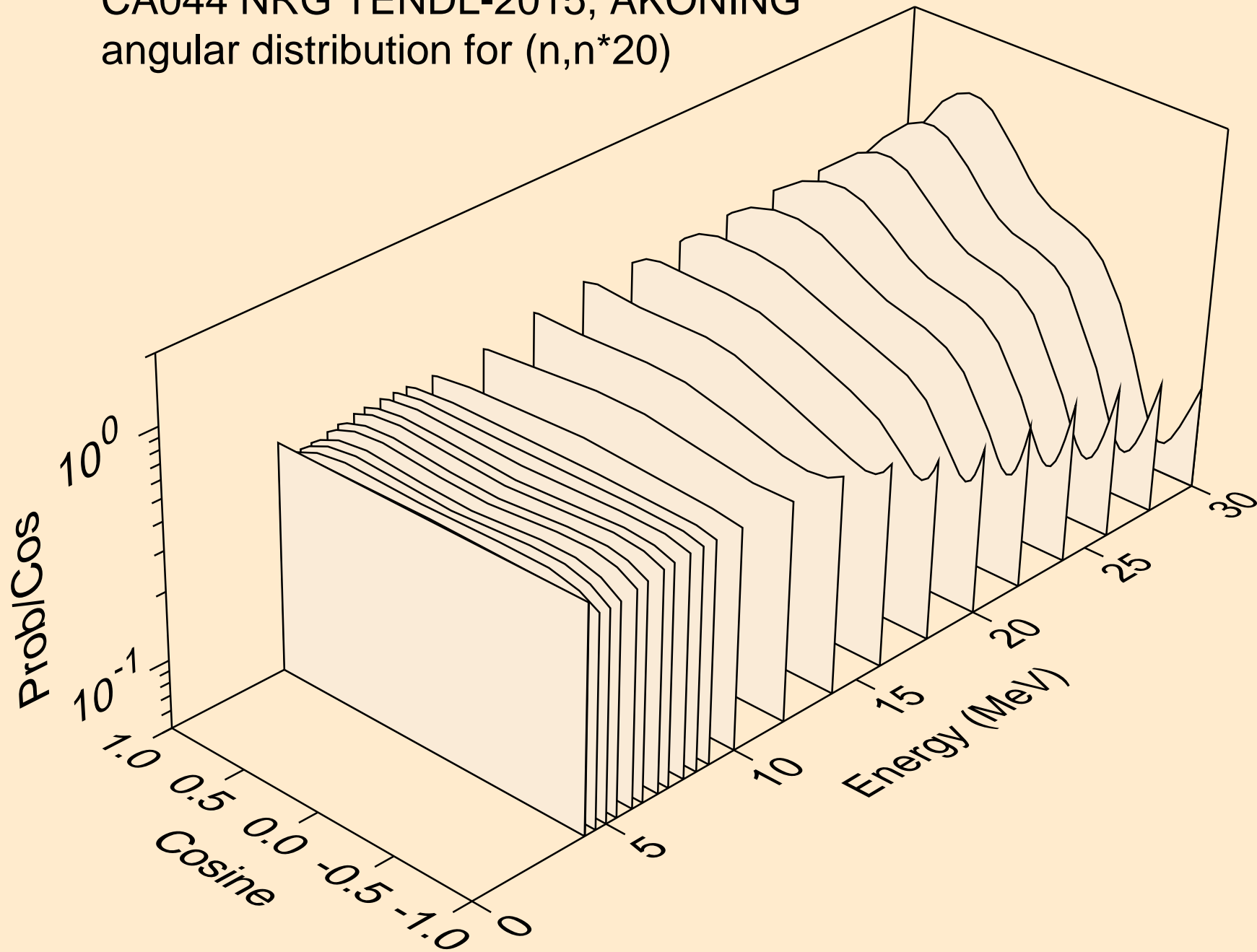
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angular distribution for (n,n\*18)



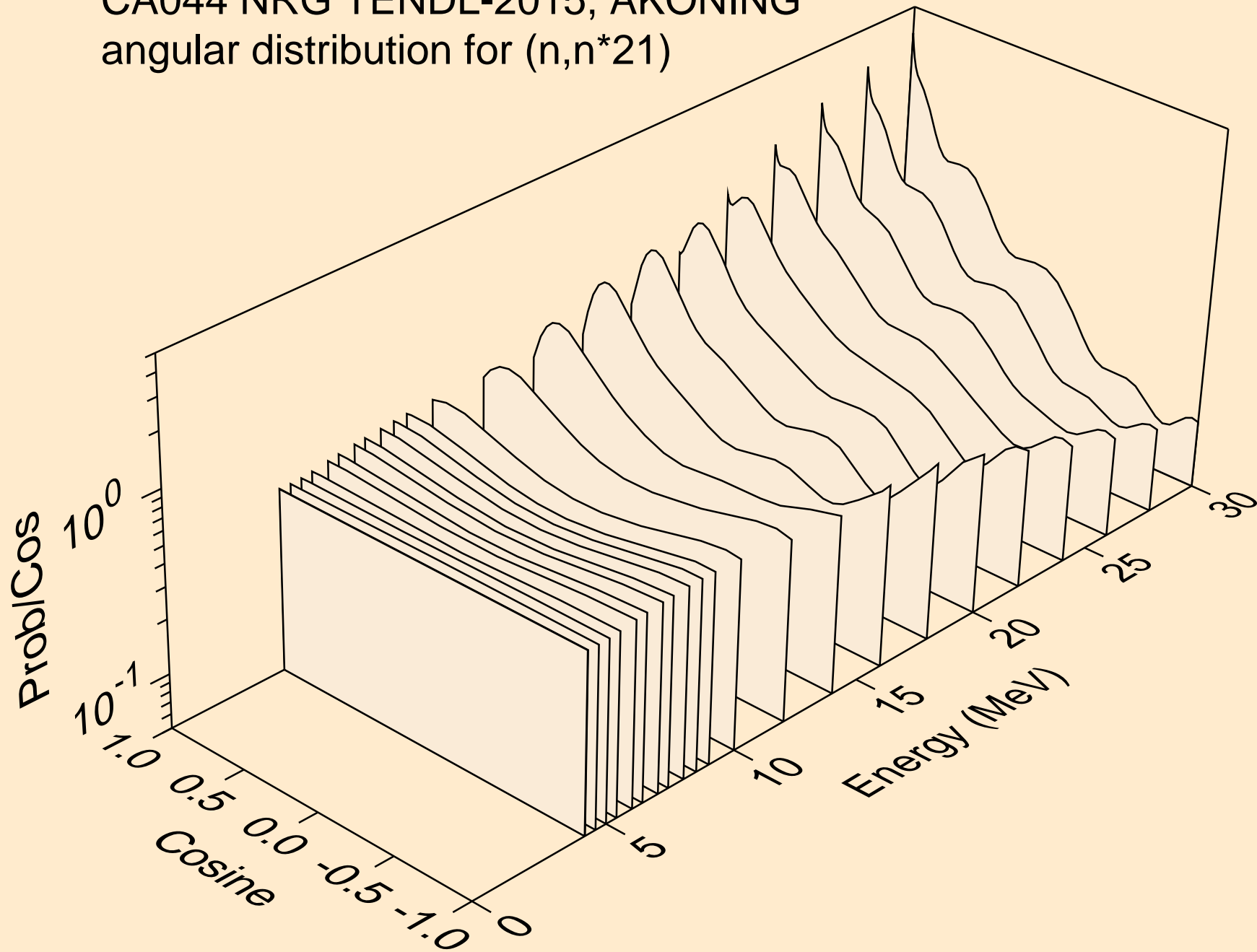
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



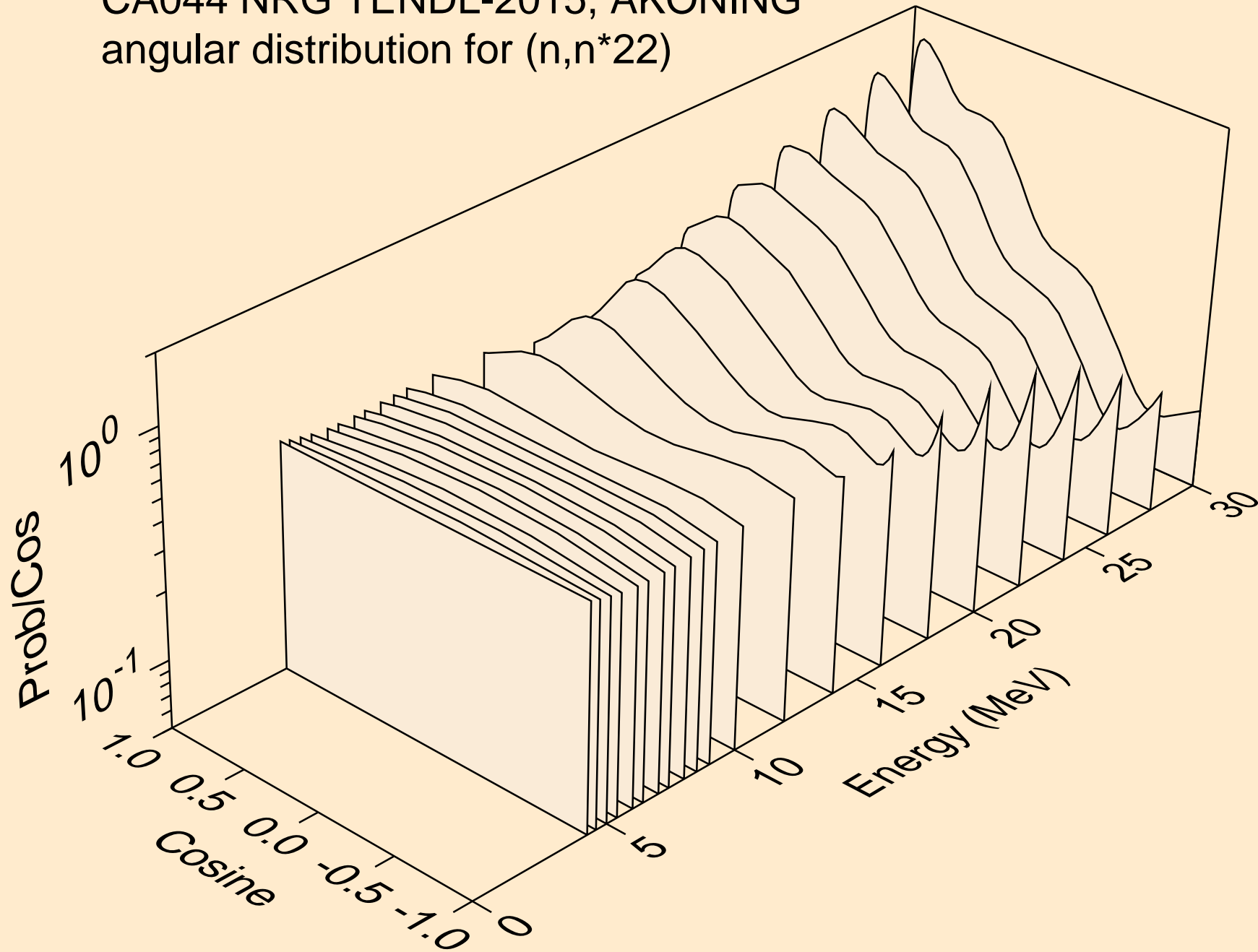
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



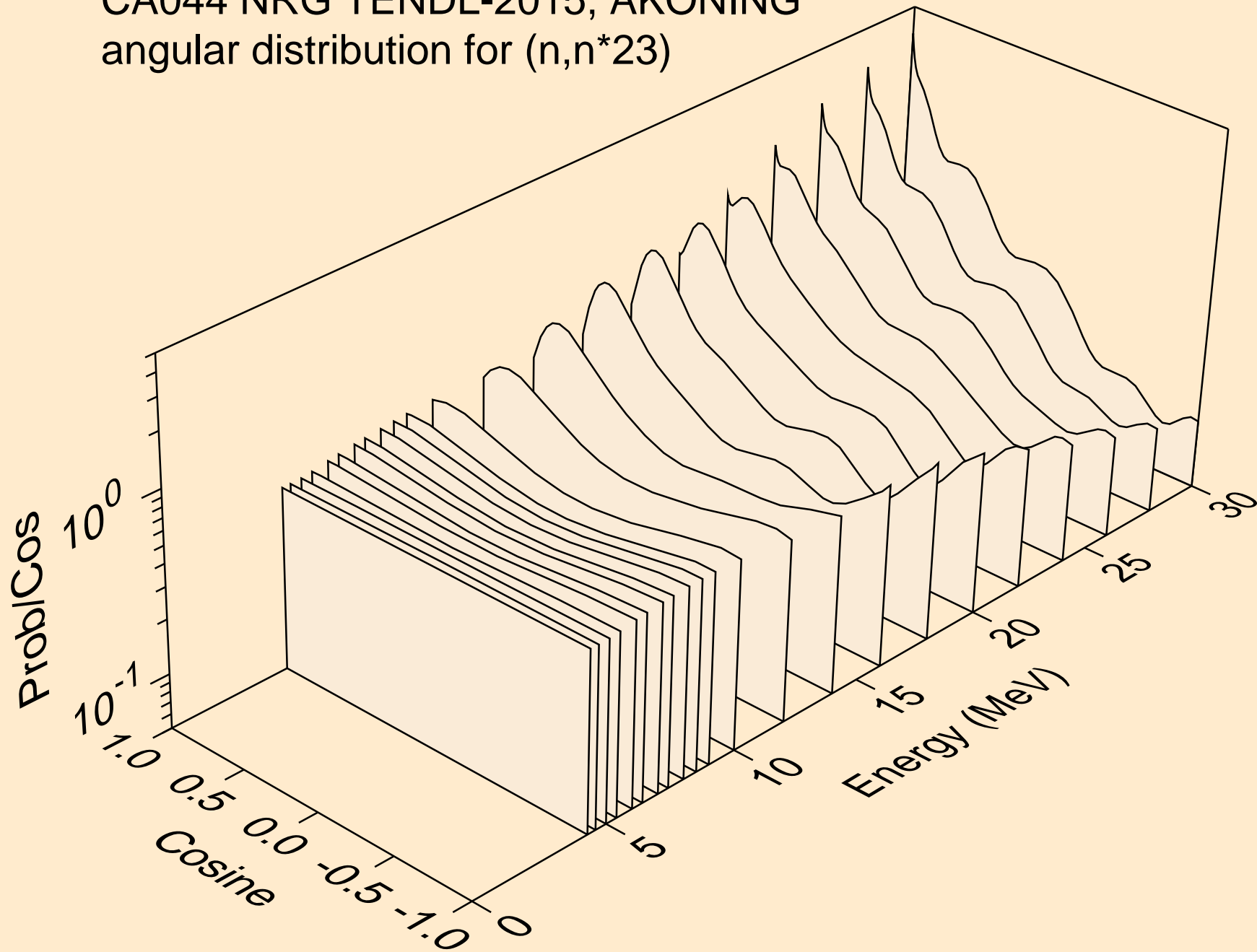
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



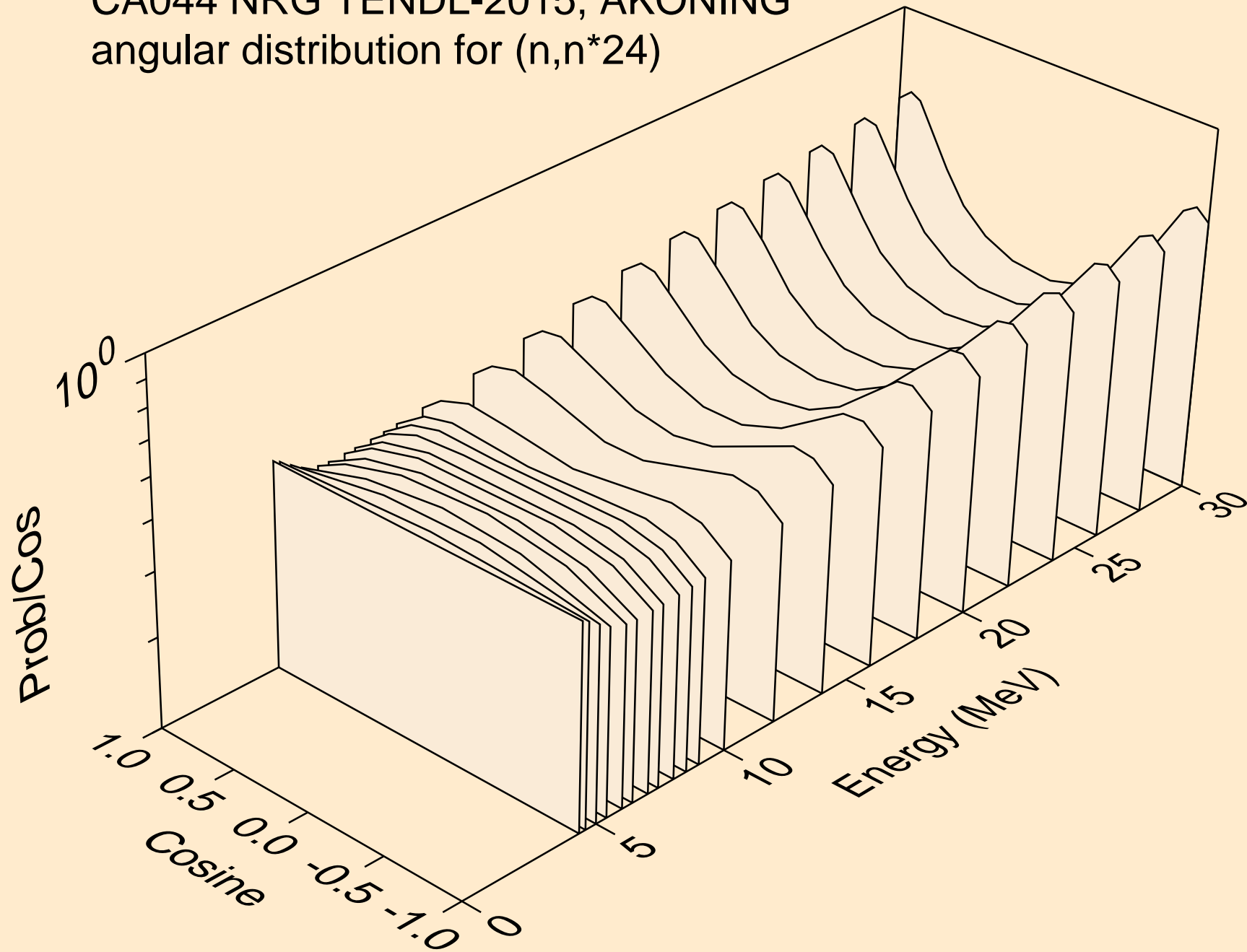
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

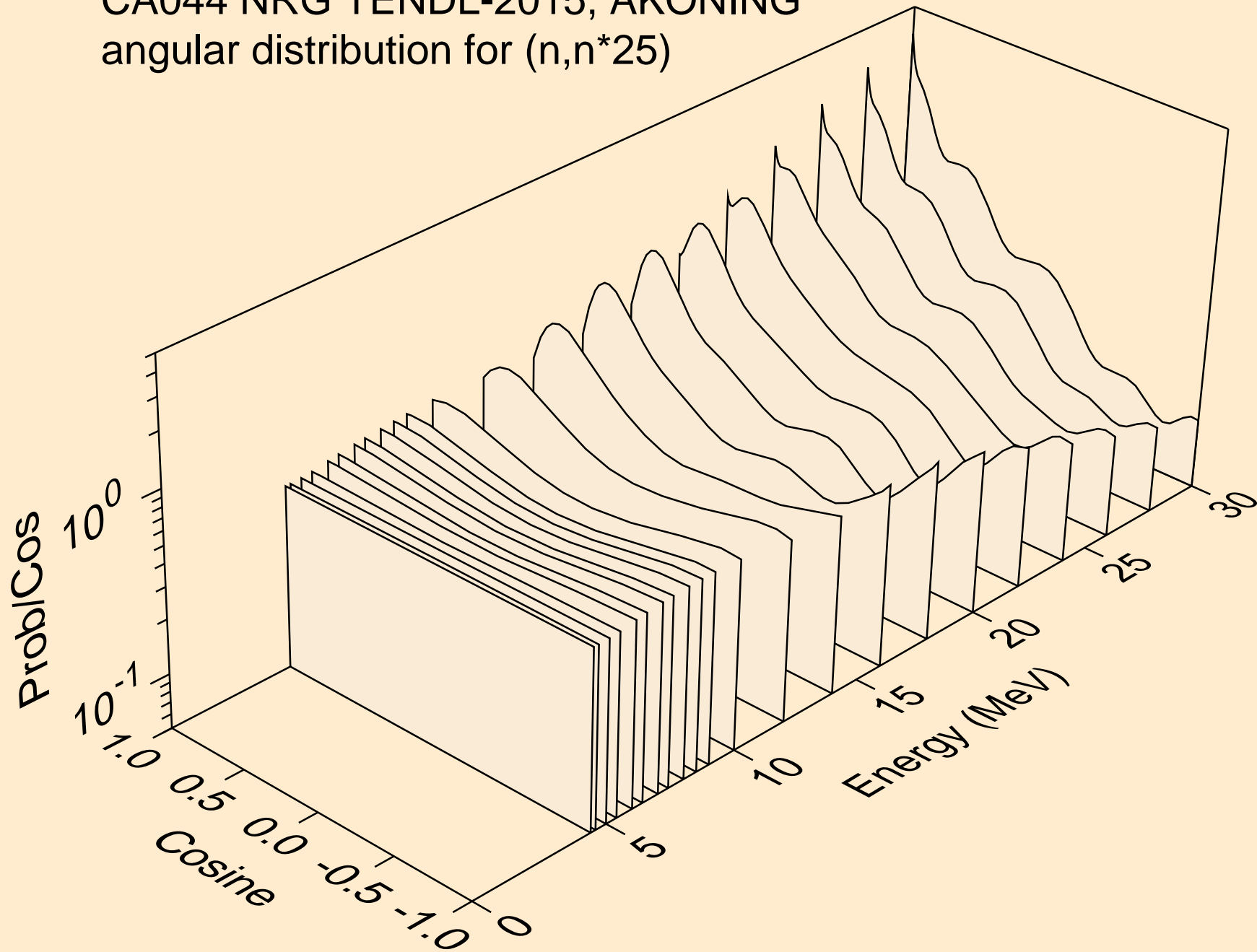


CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

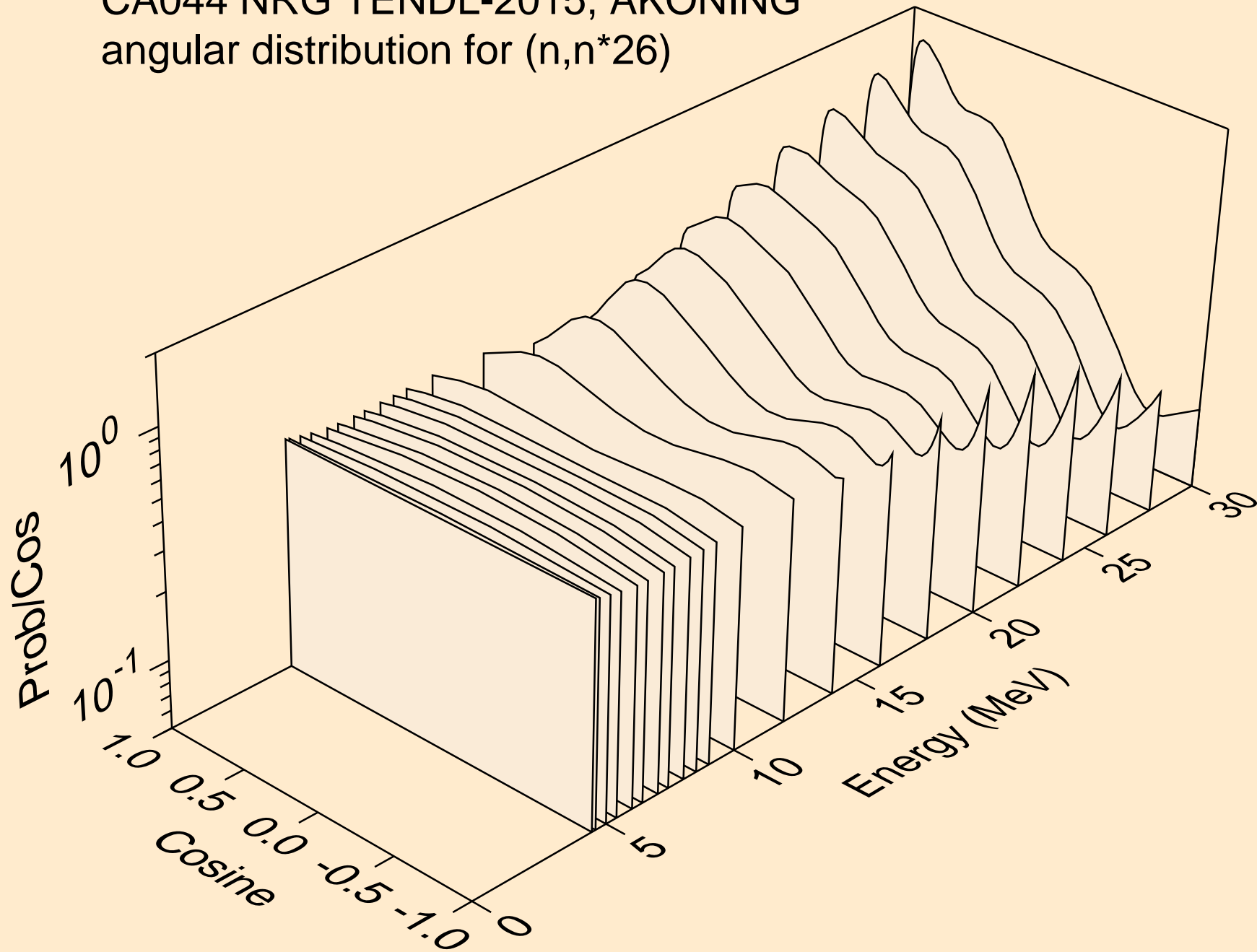




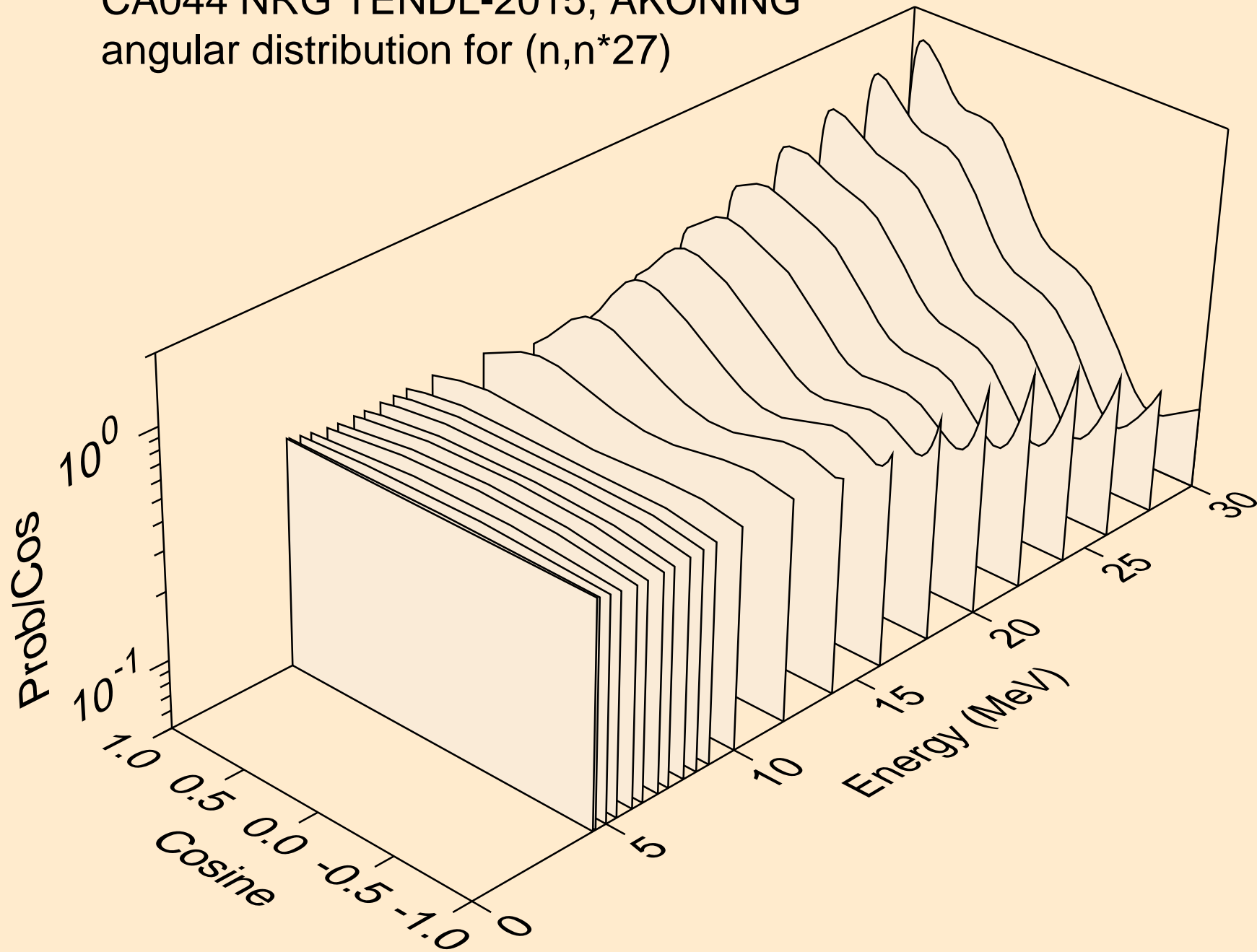
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



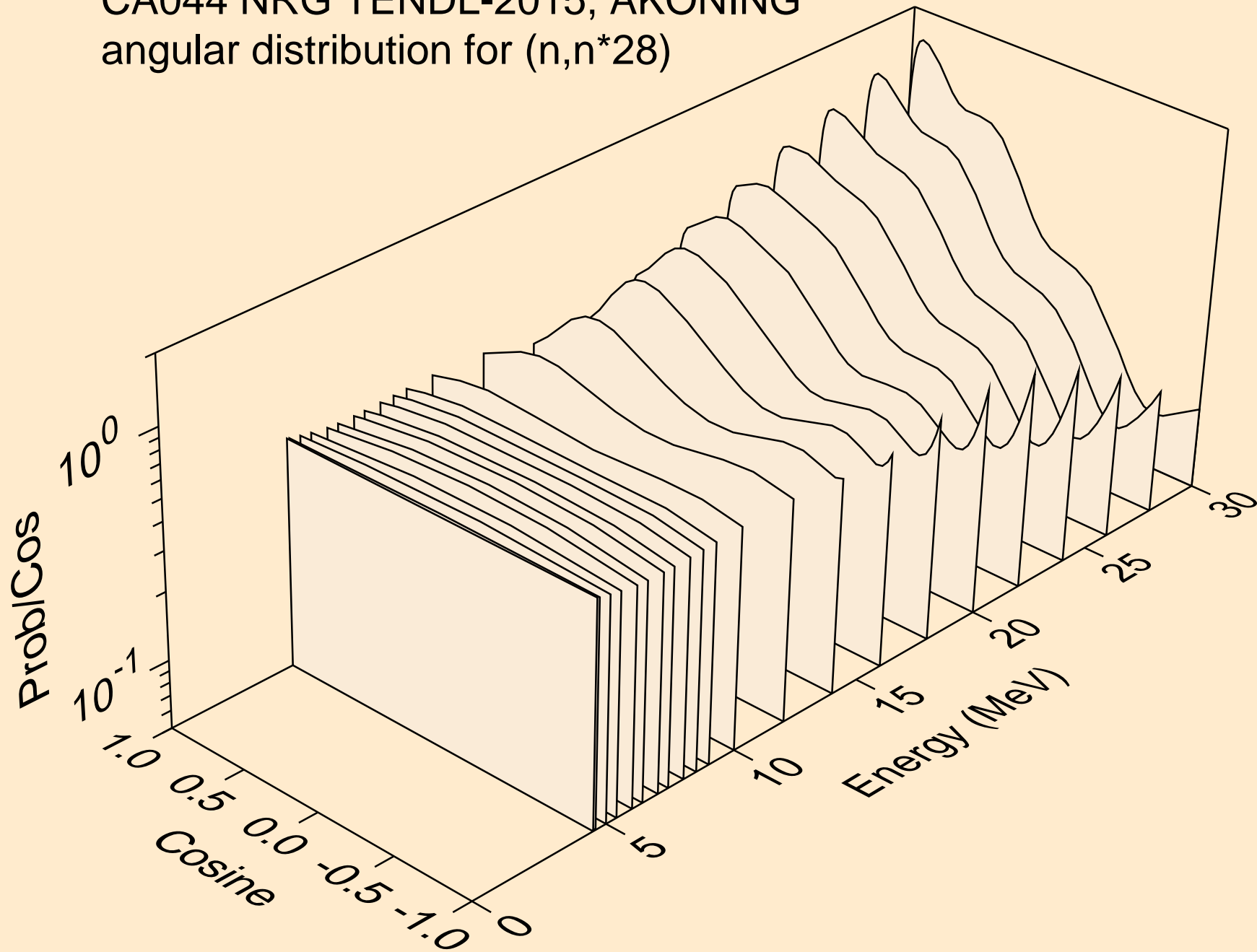
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angular distribution for (n,n\*26)



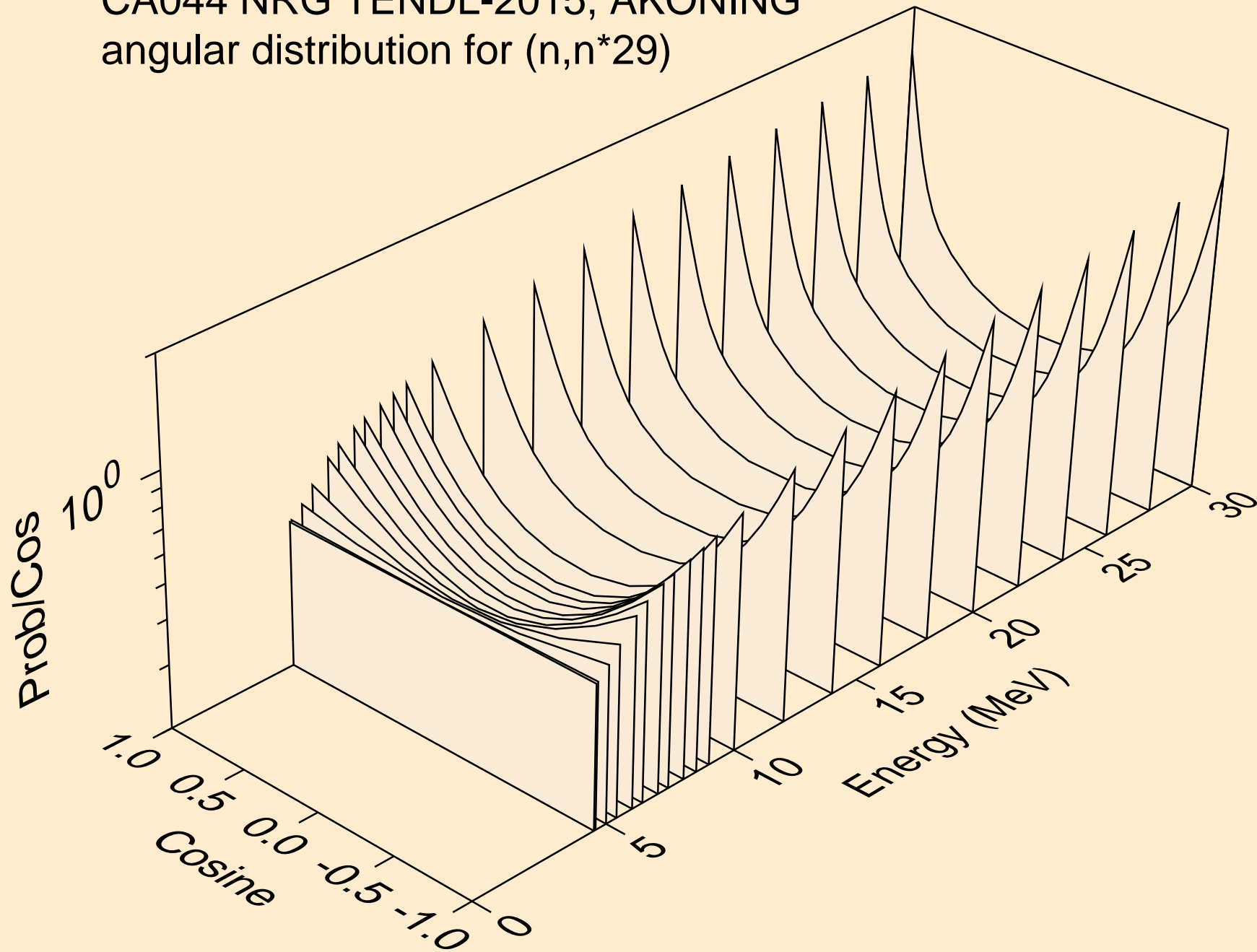
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



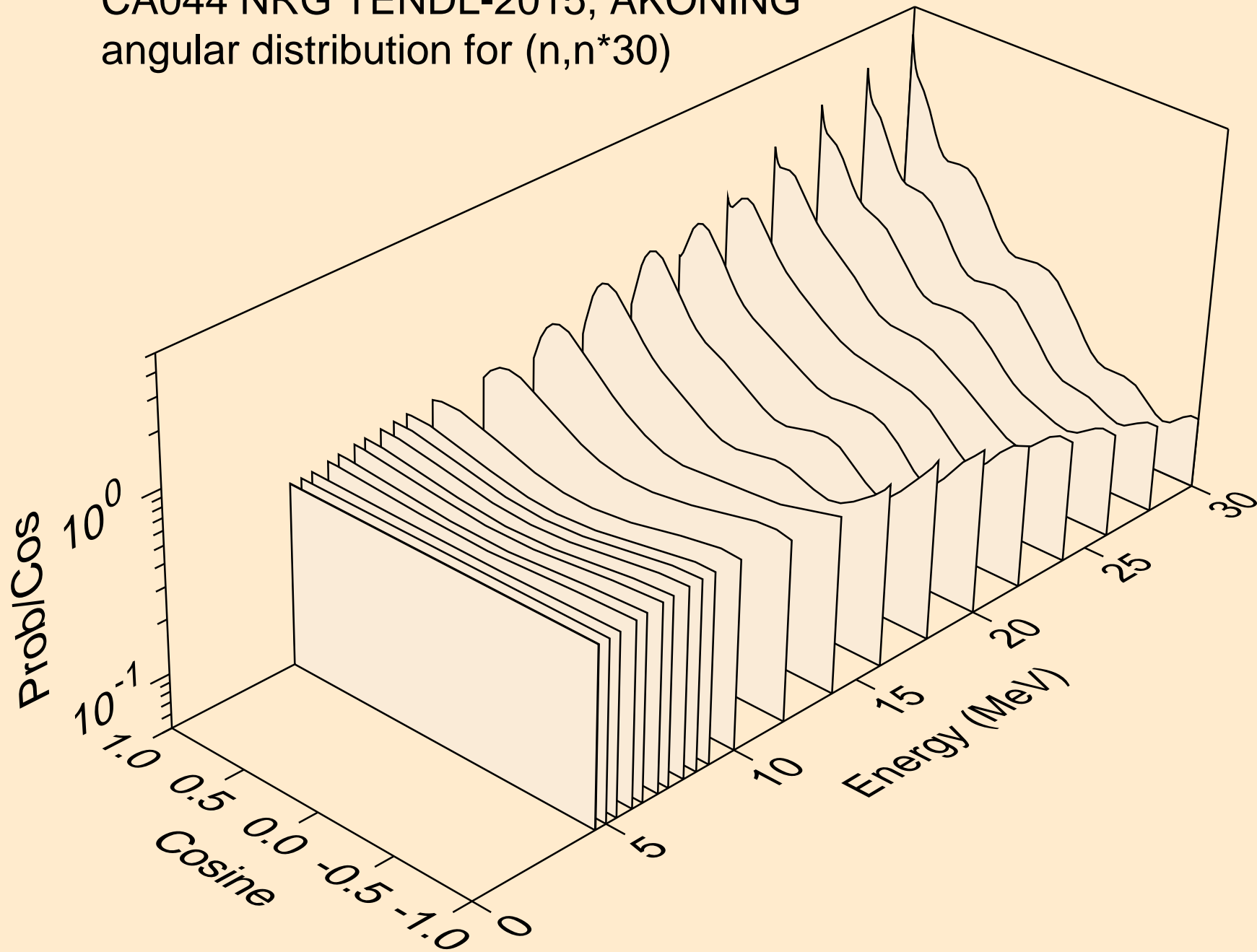
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



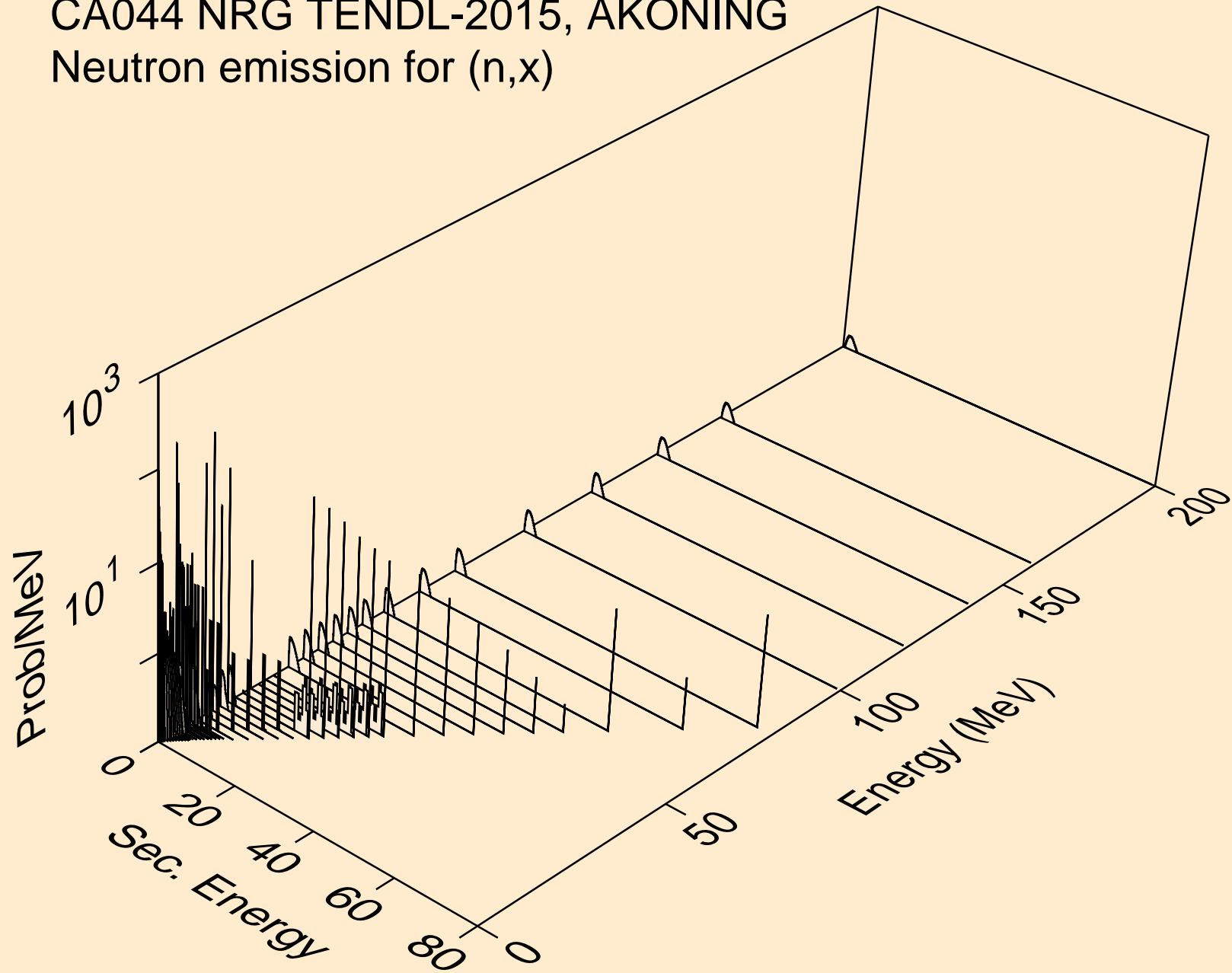
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



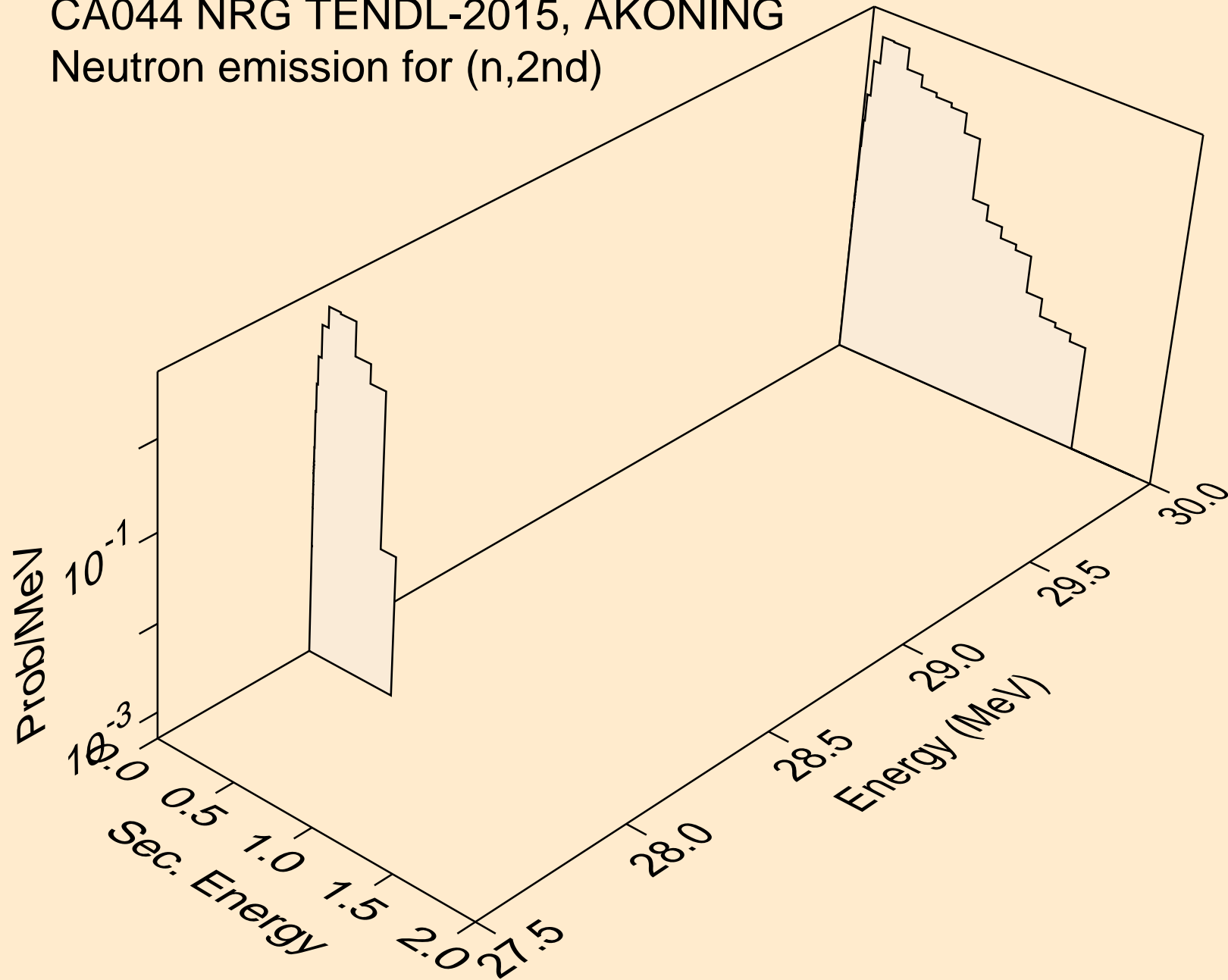
CA044 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

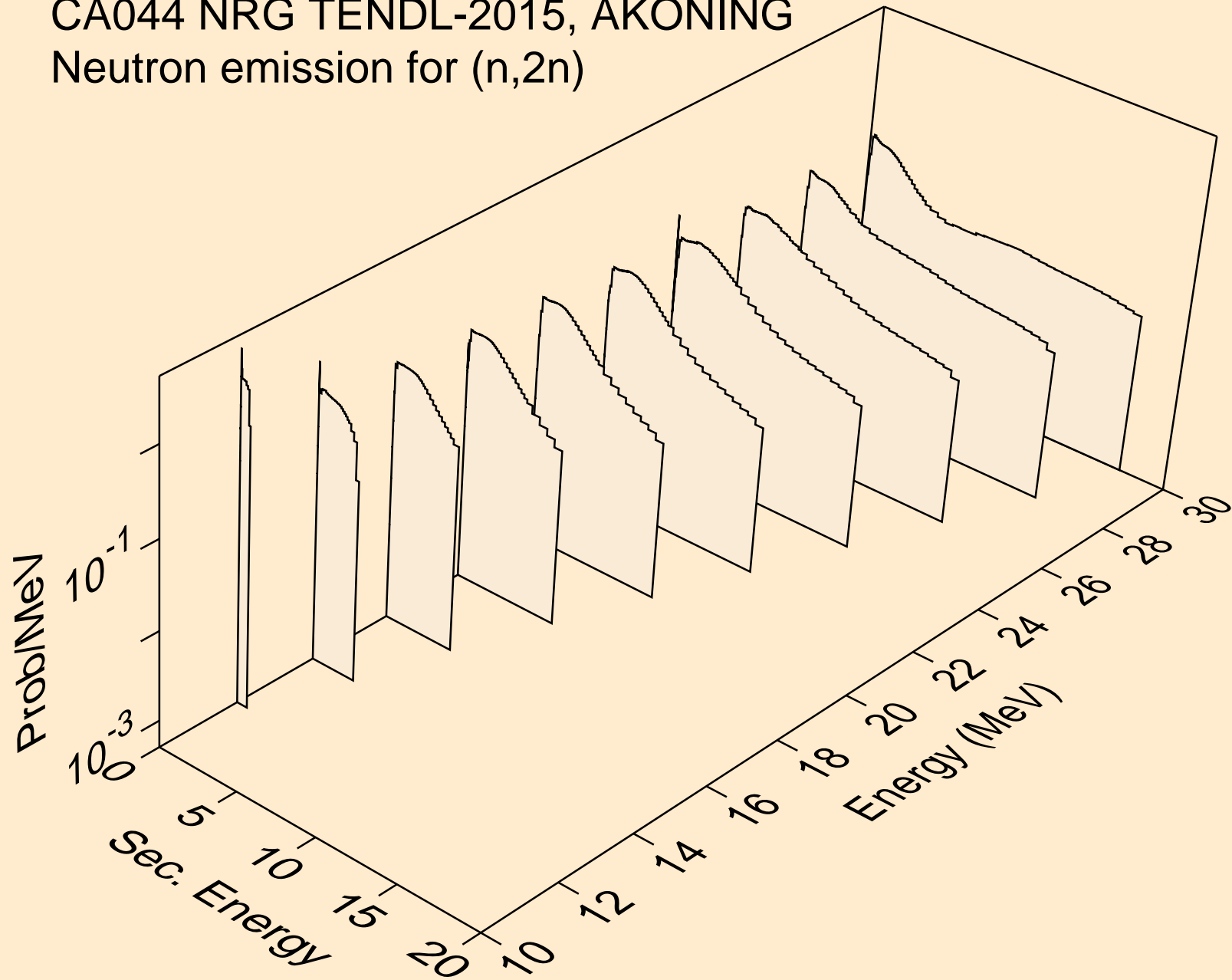


CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

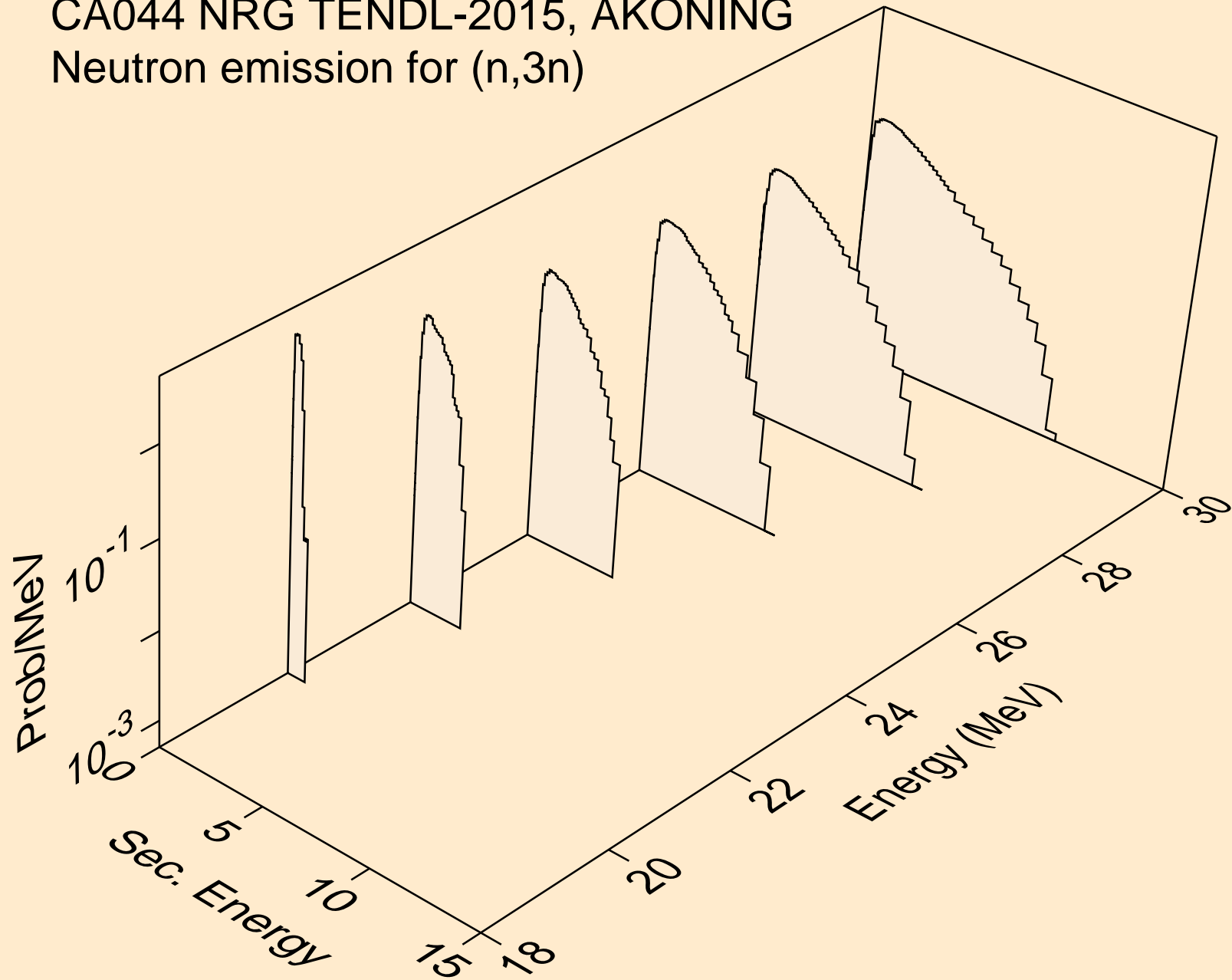




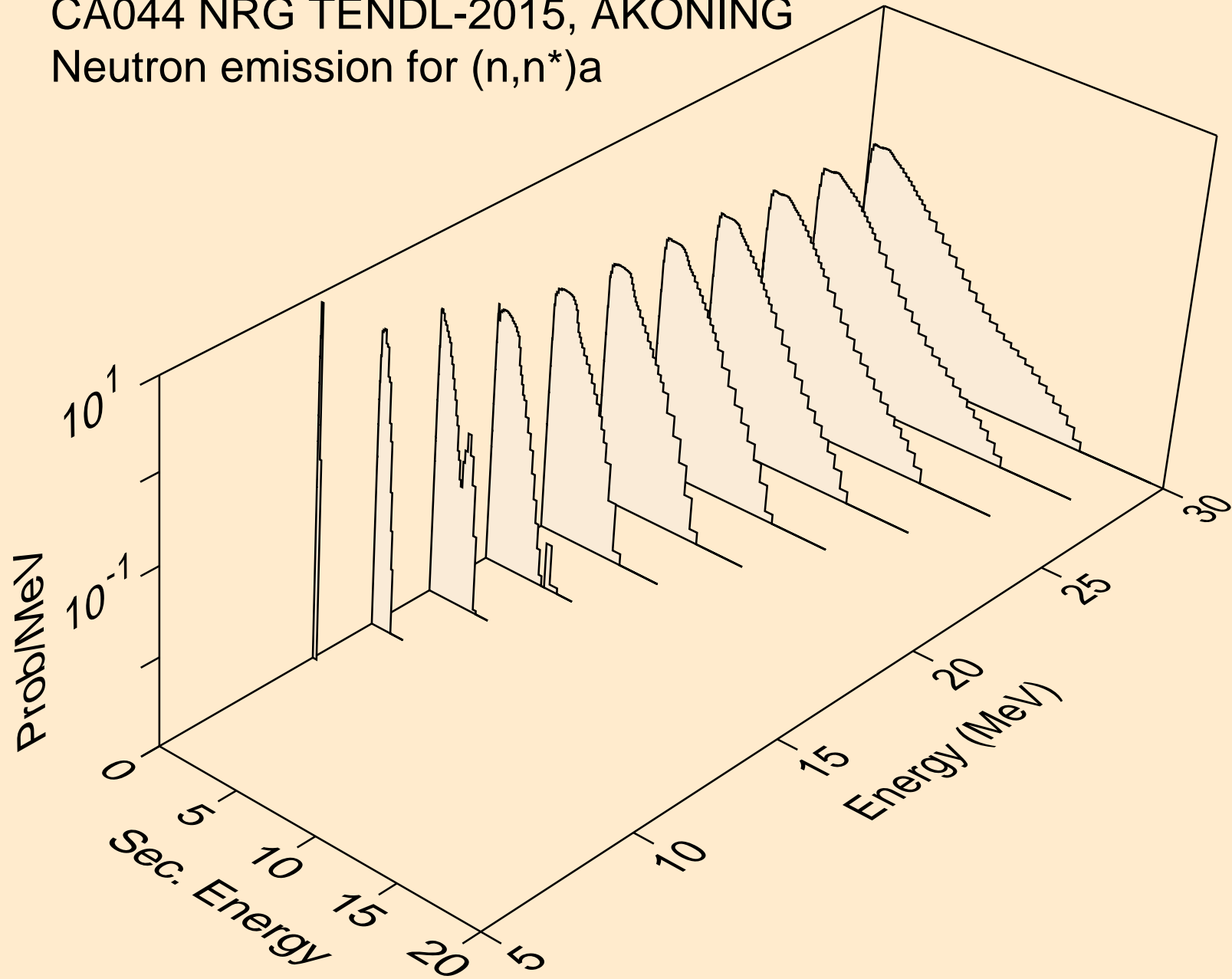
CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



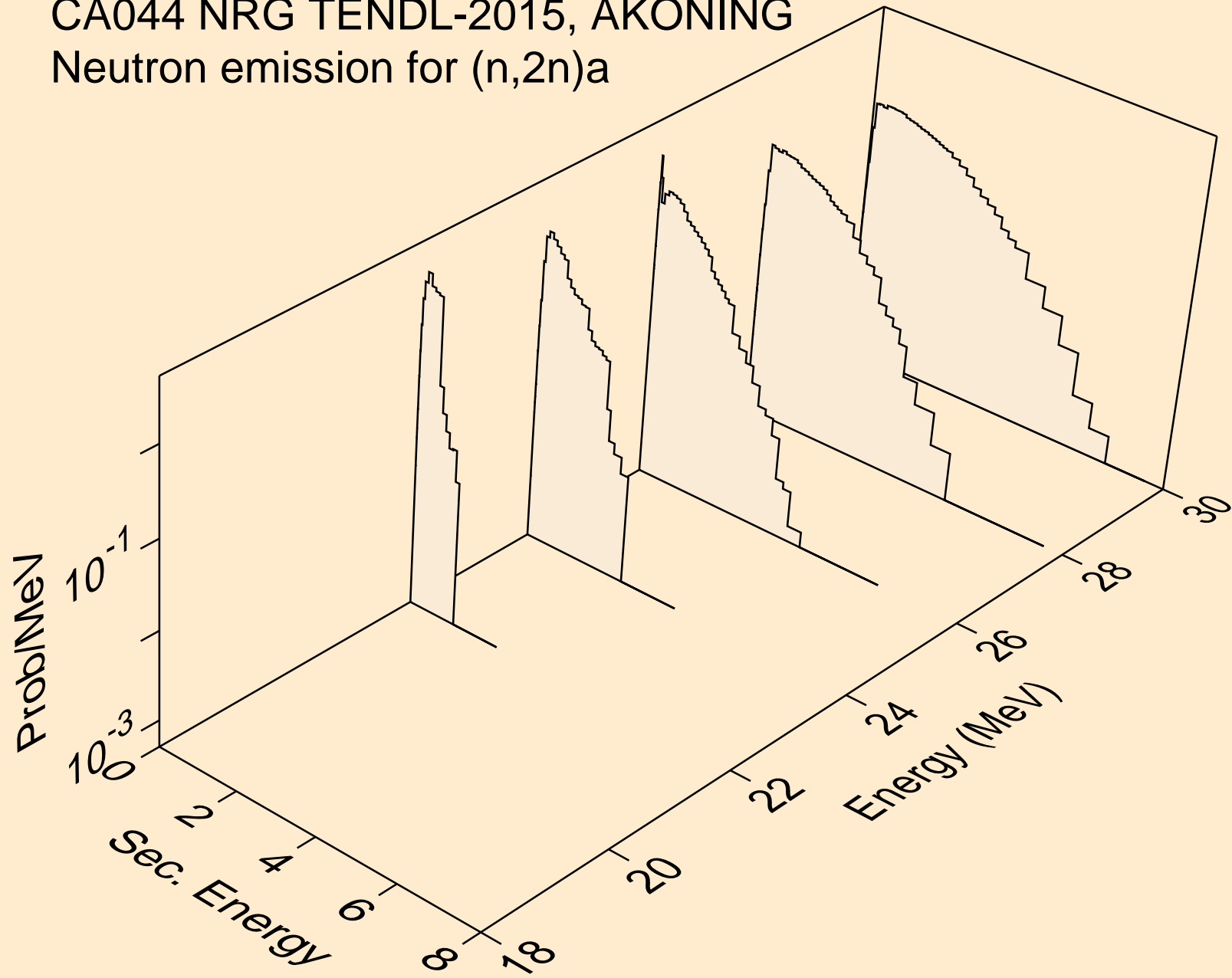
CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



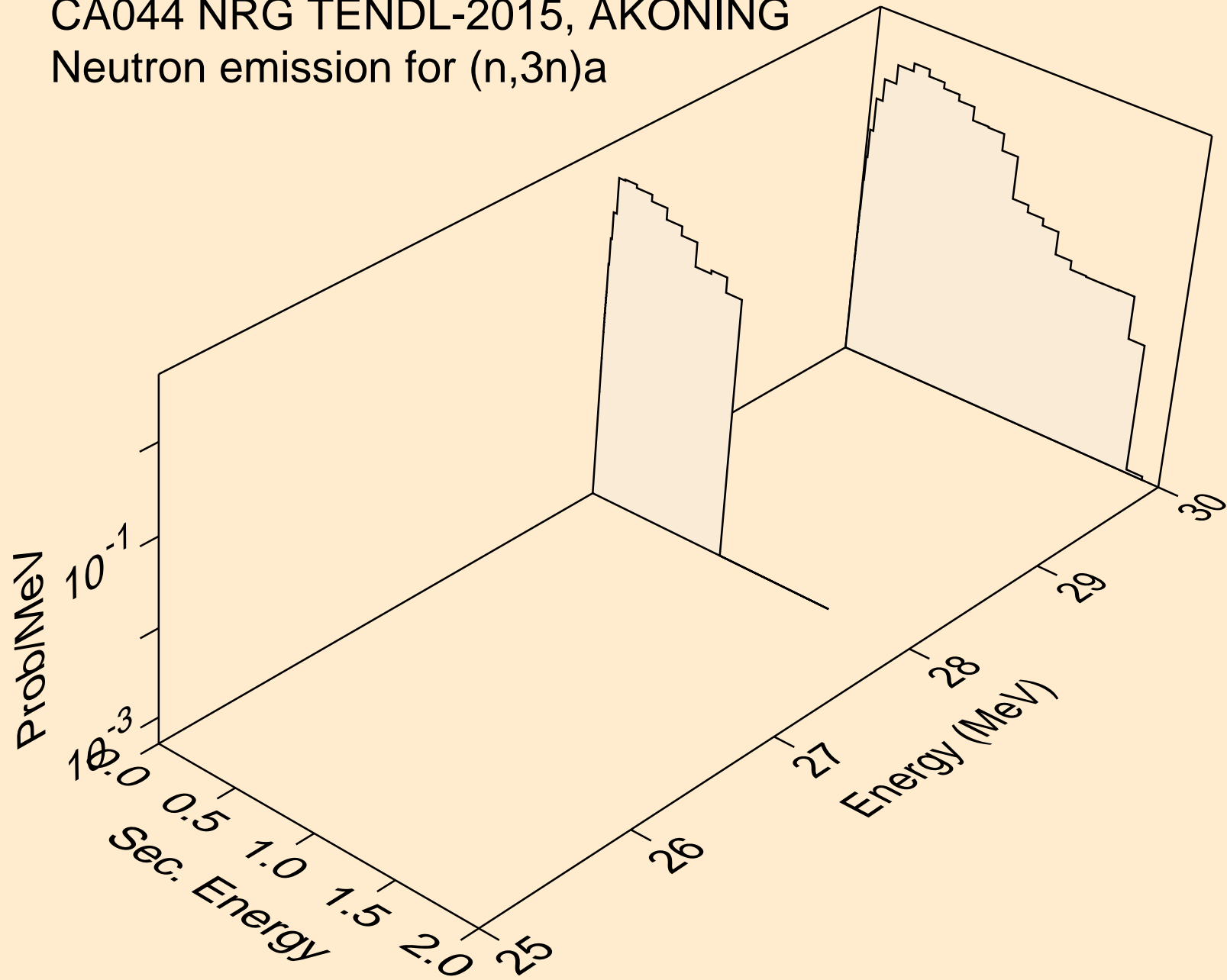
CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



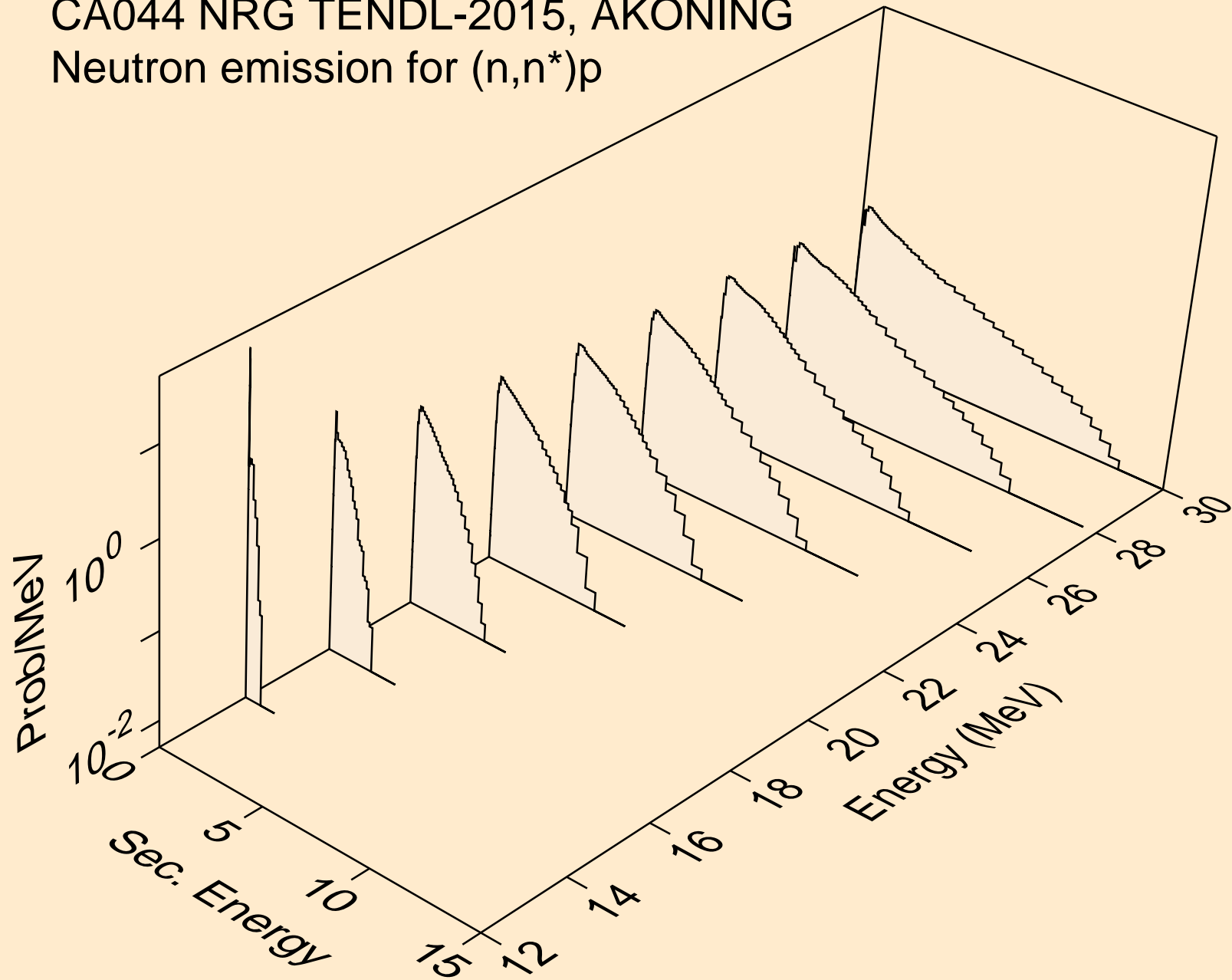
CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



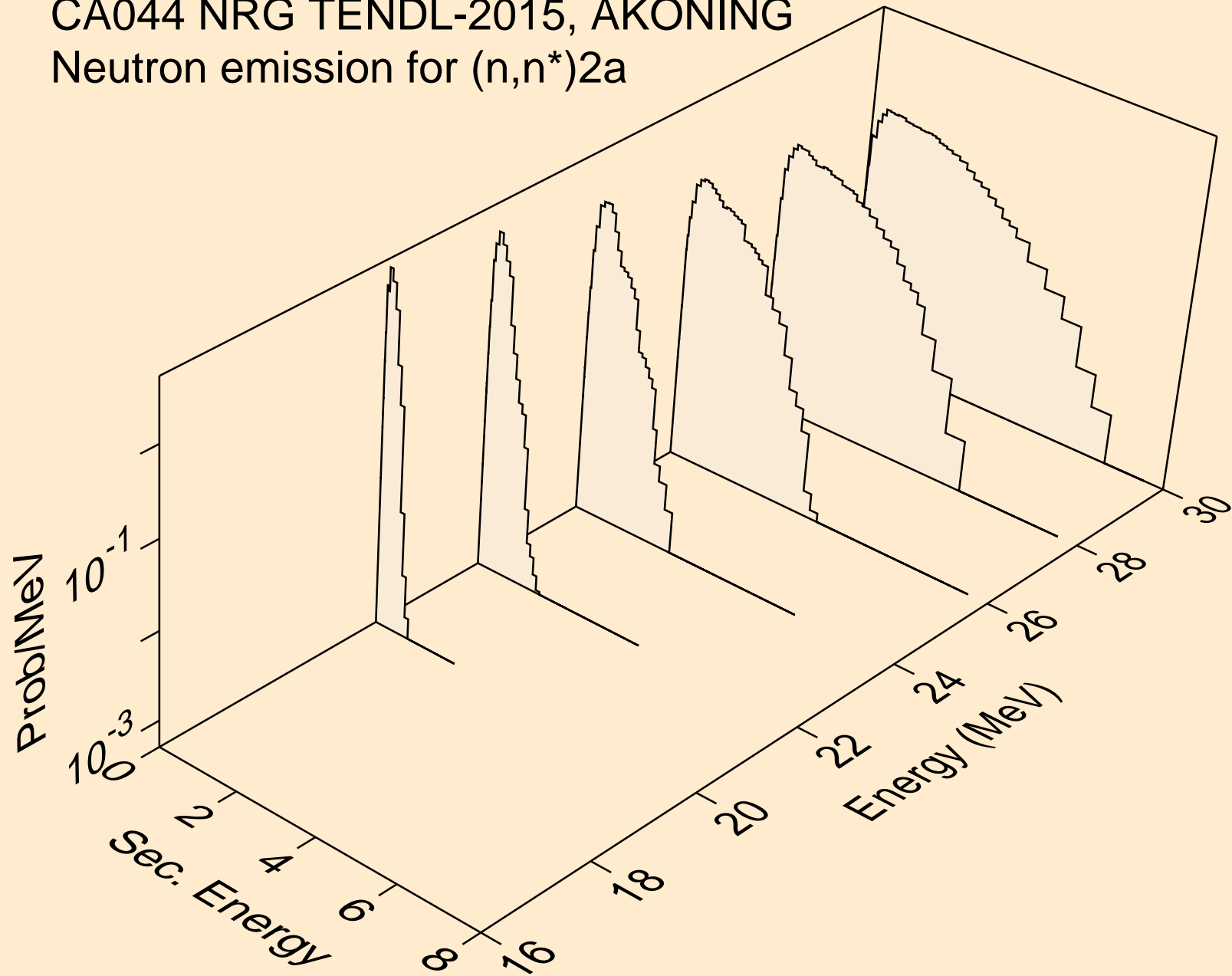
CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



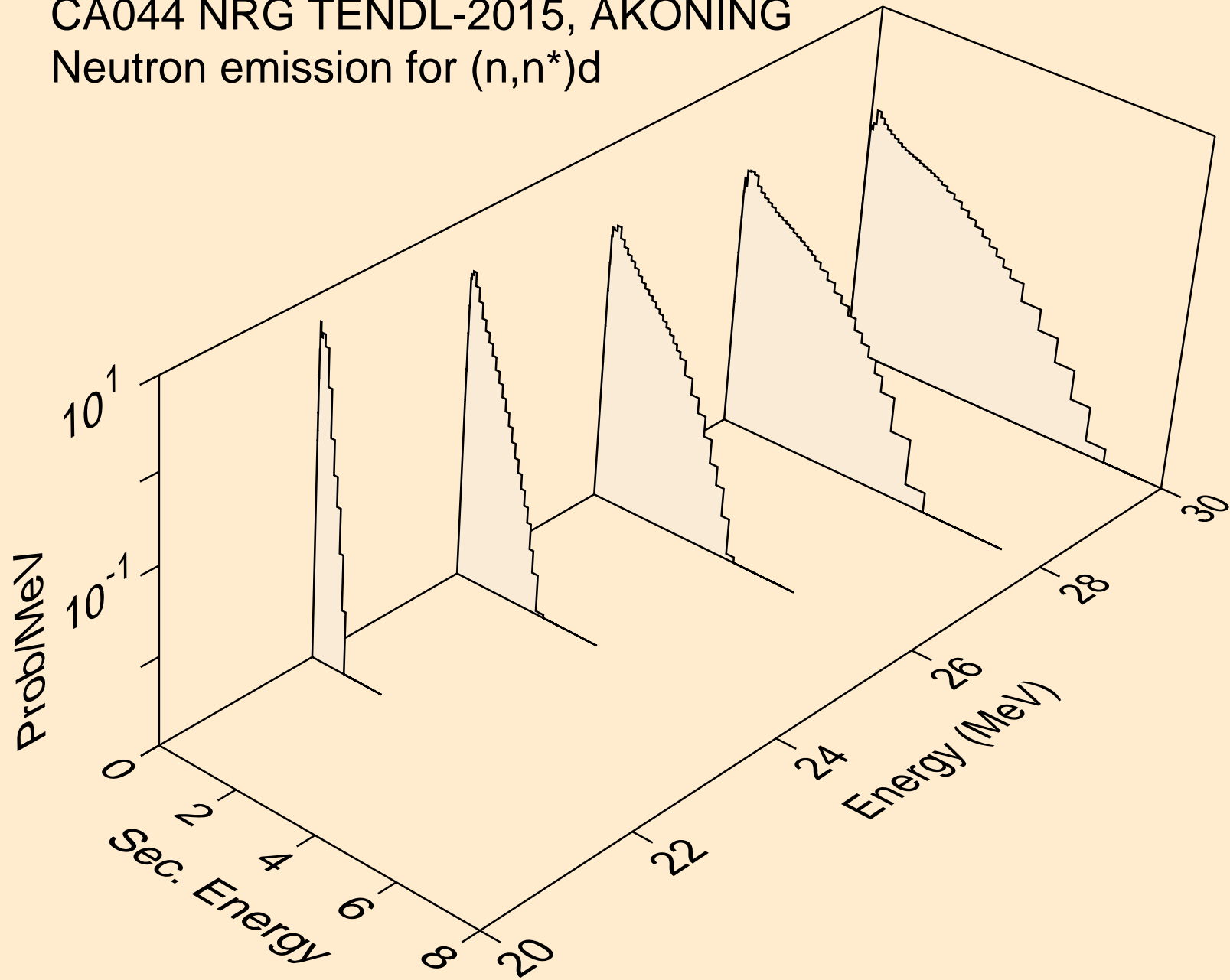
CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

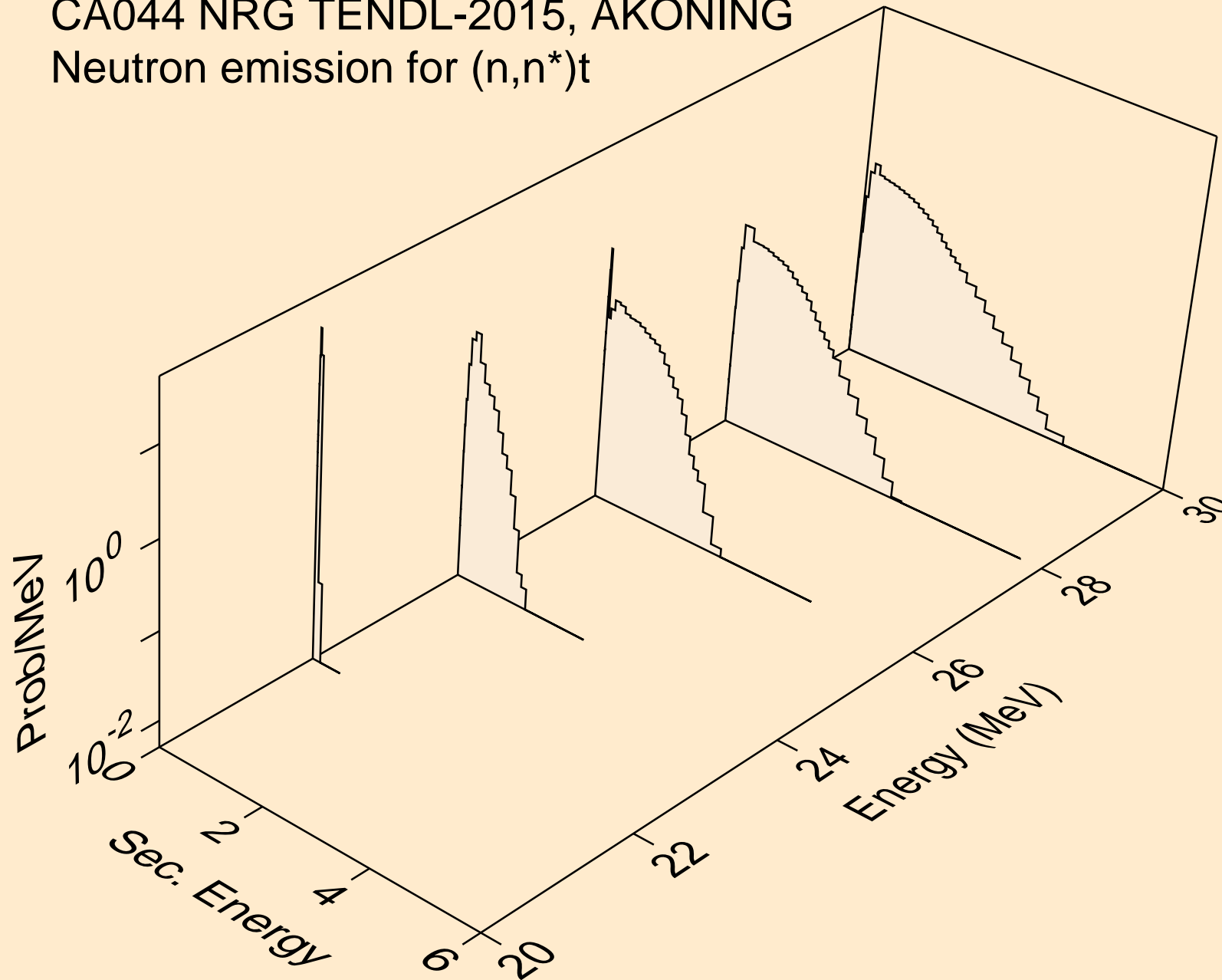


CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

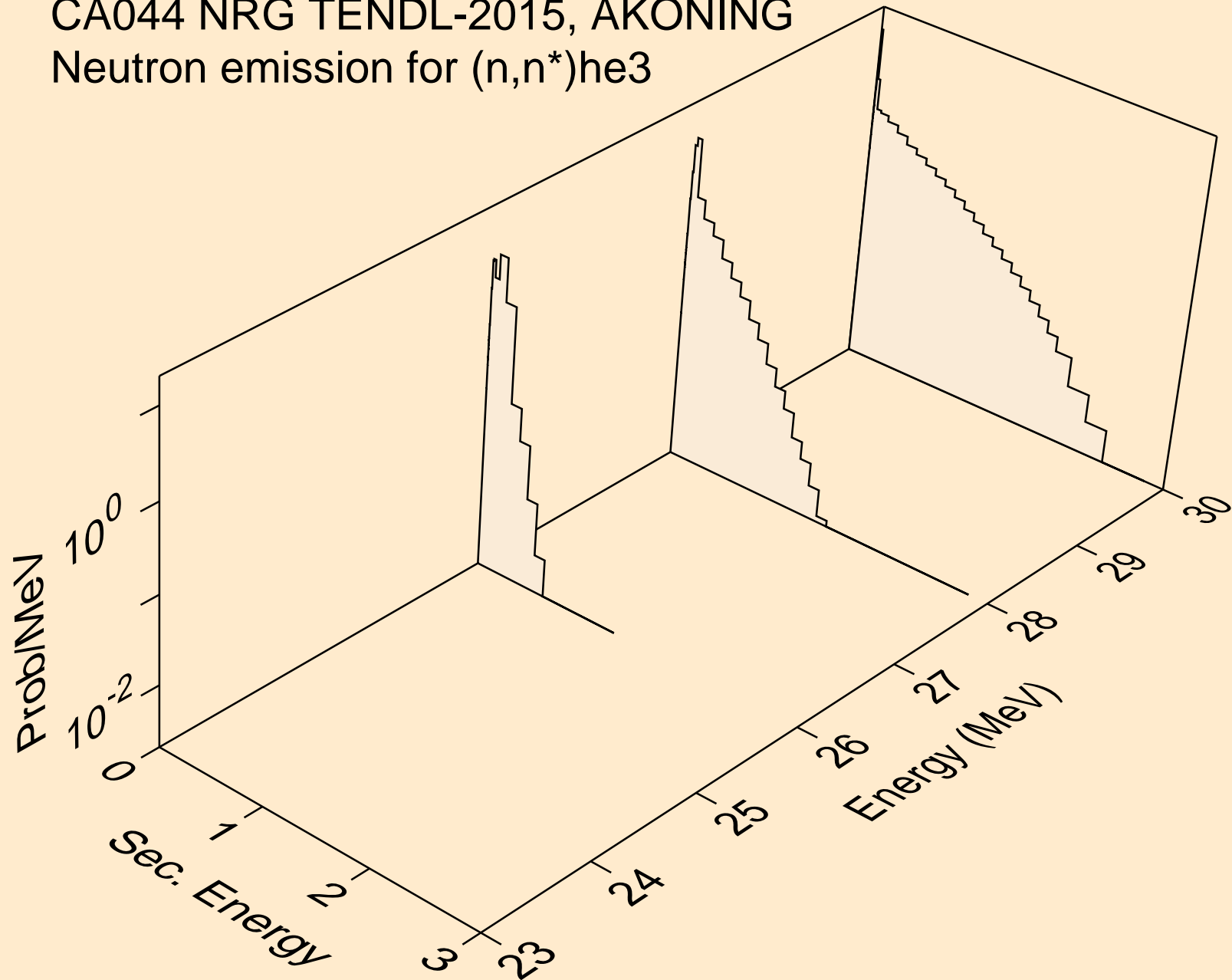




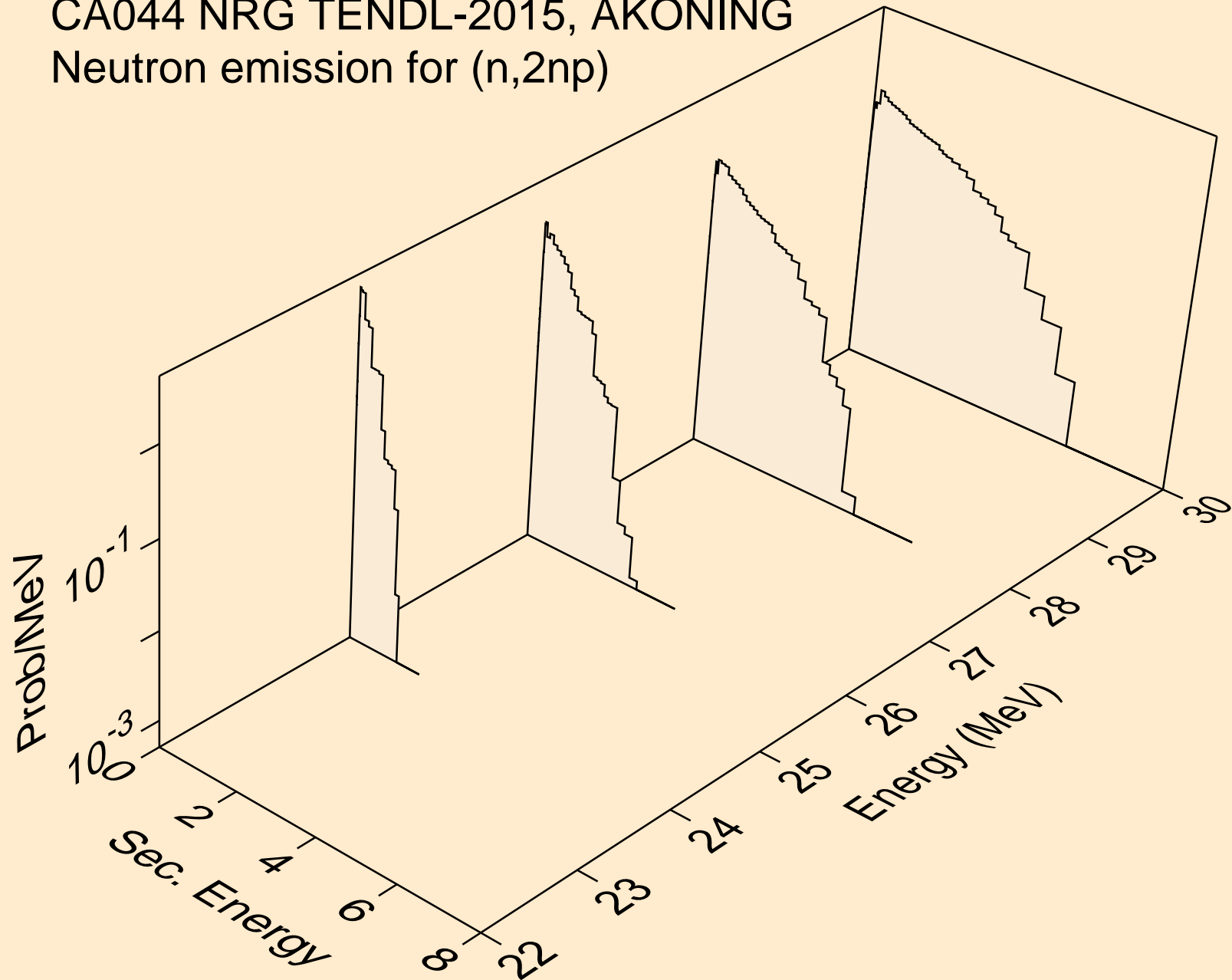
CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



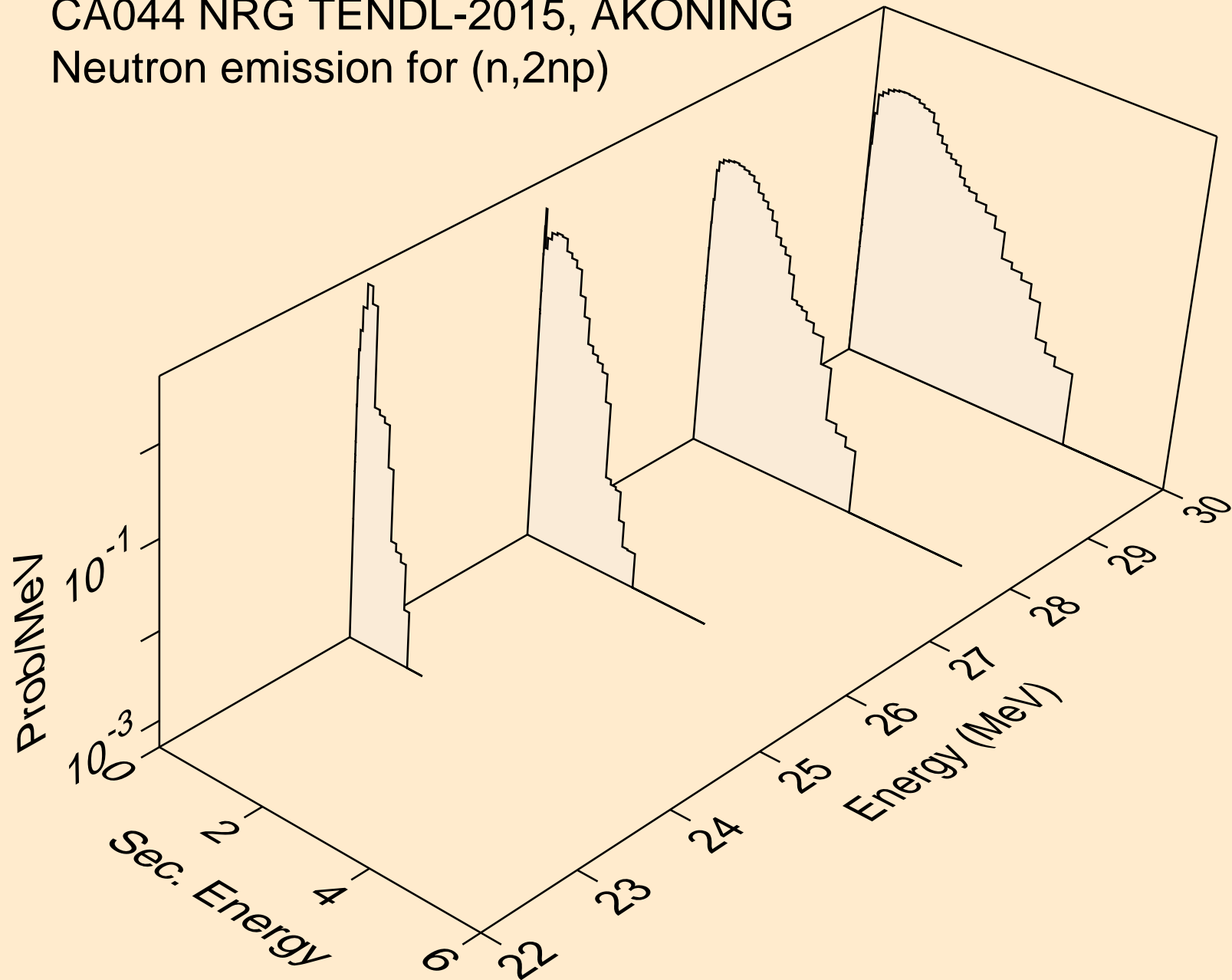
CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



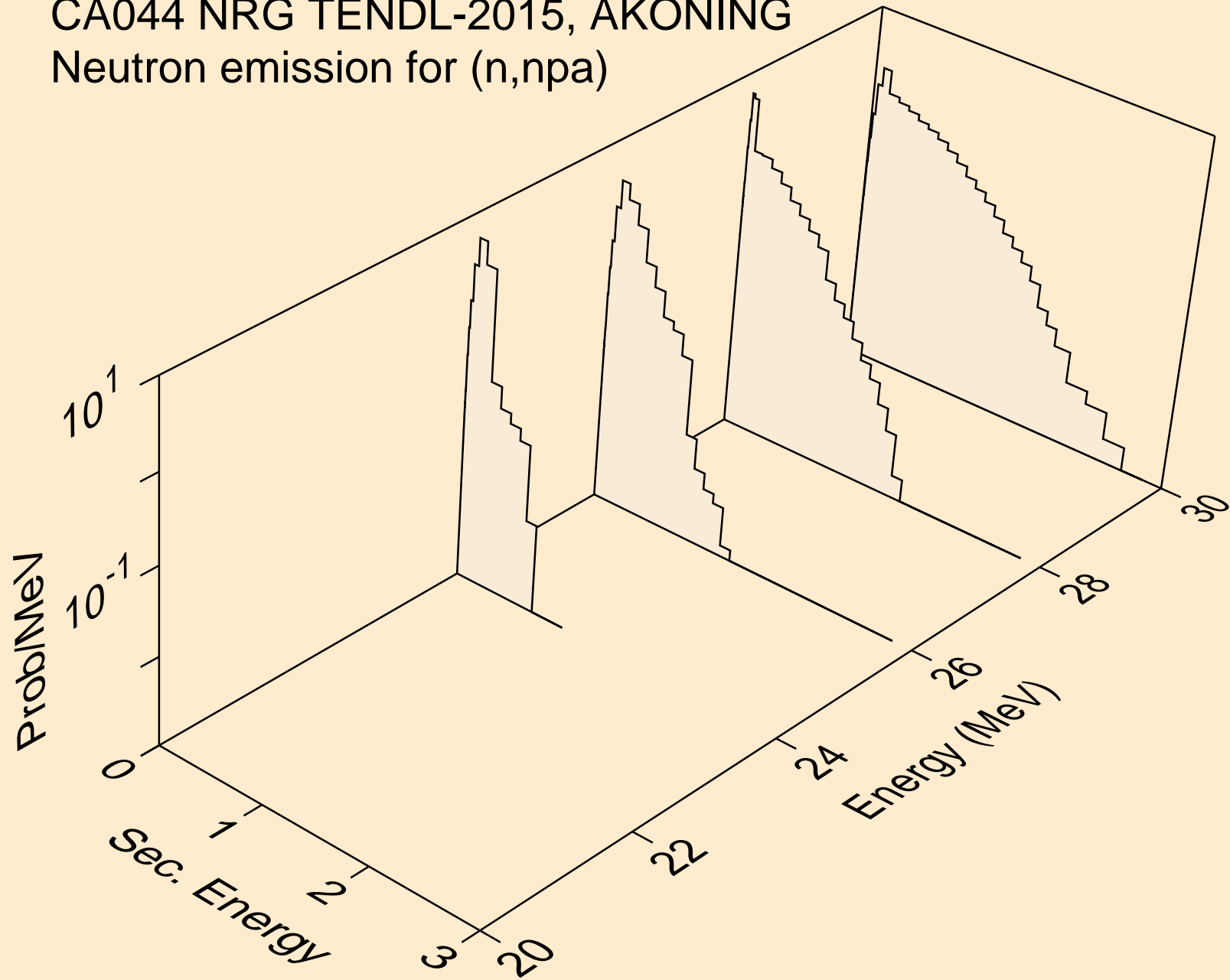
CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



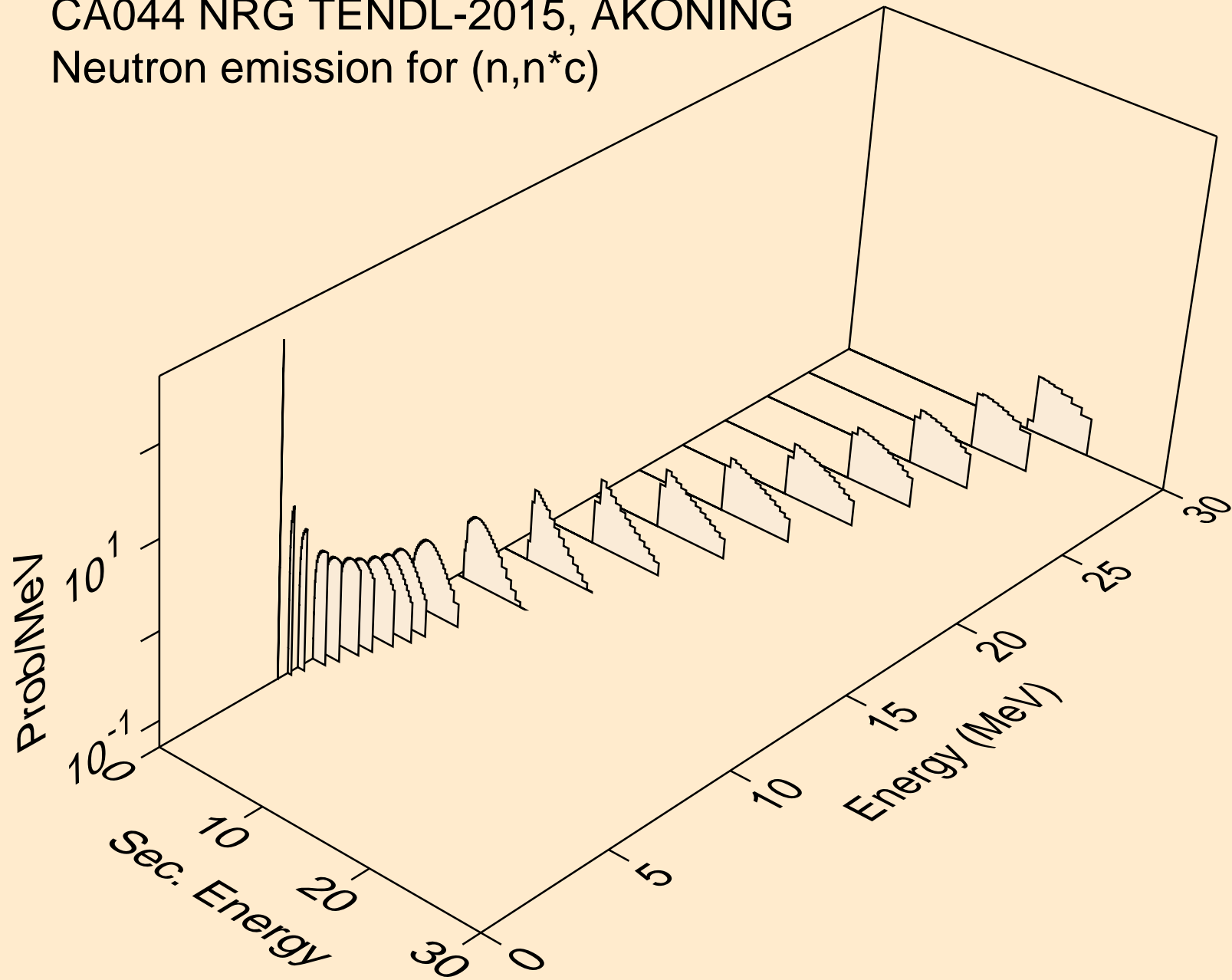
CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



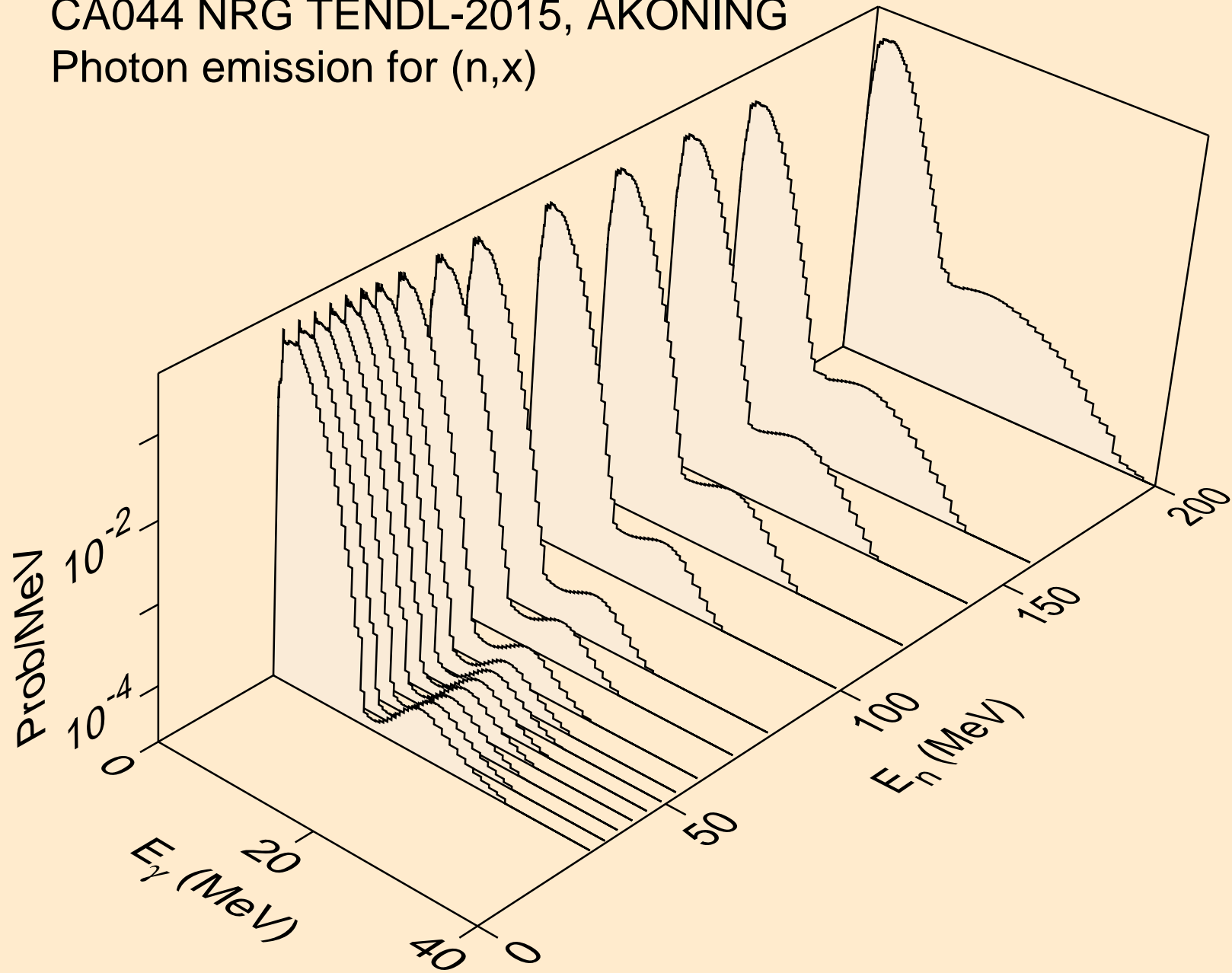
CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



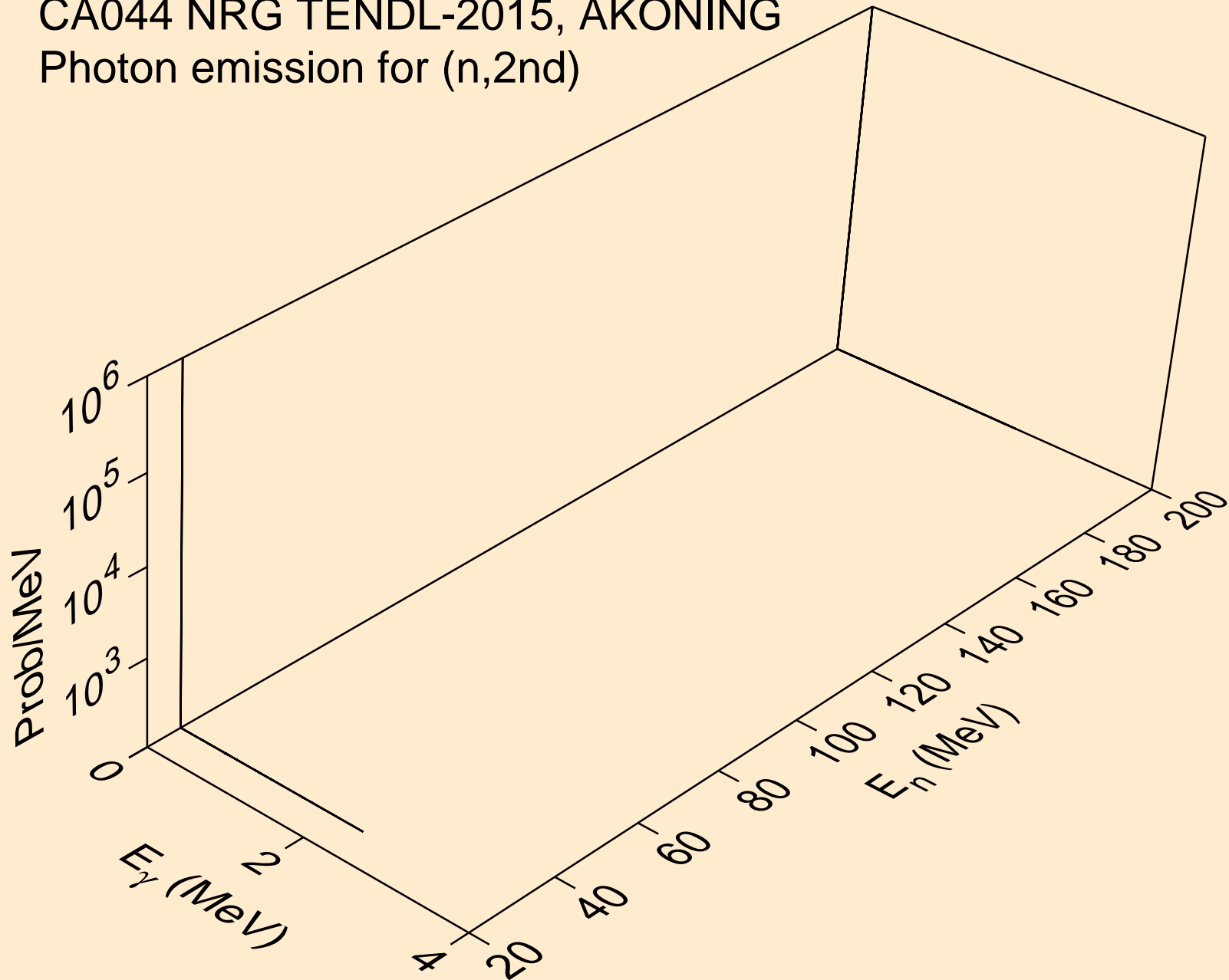
CA044 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

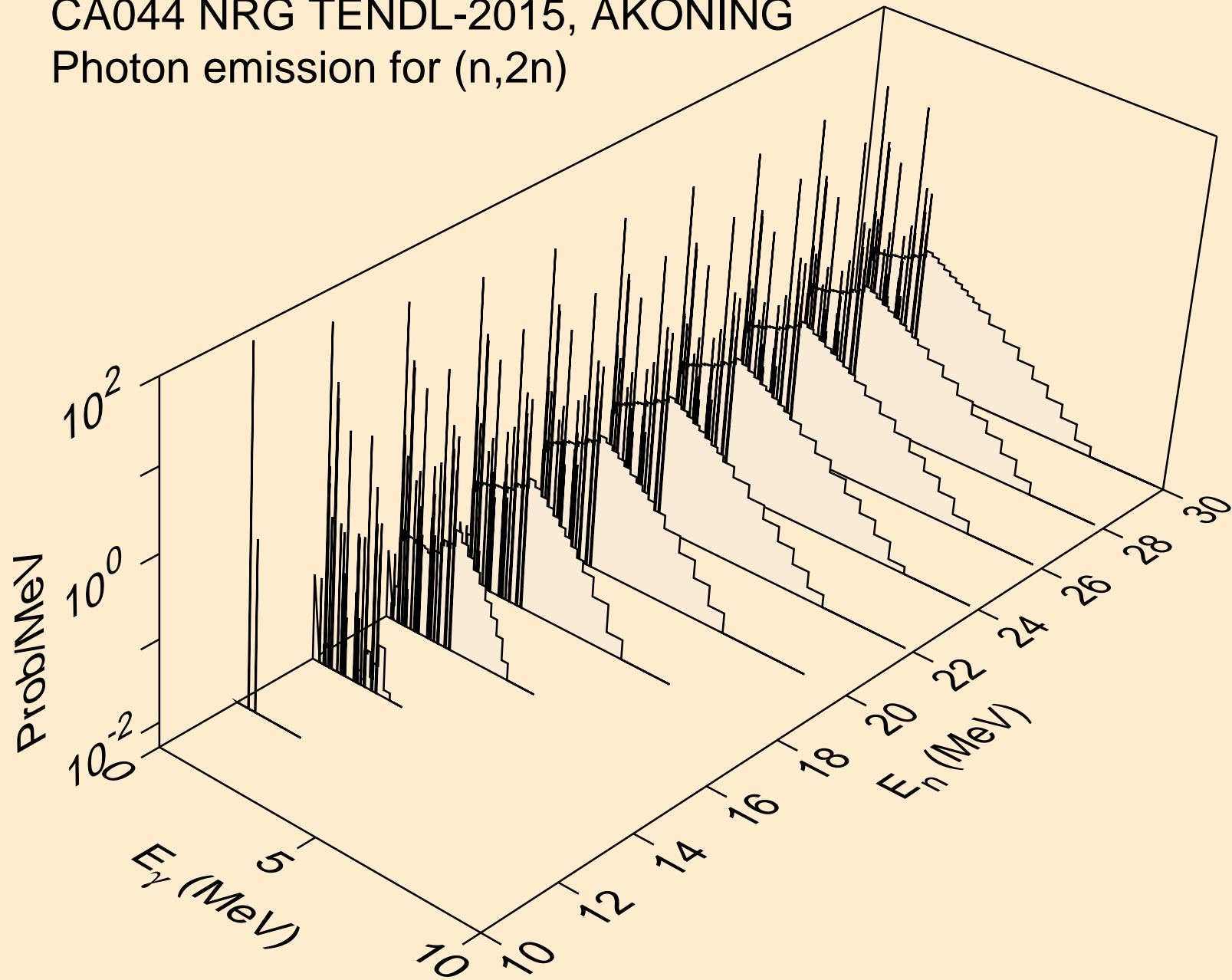


CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

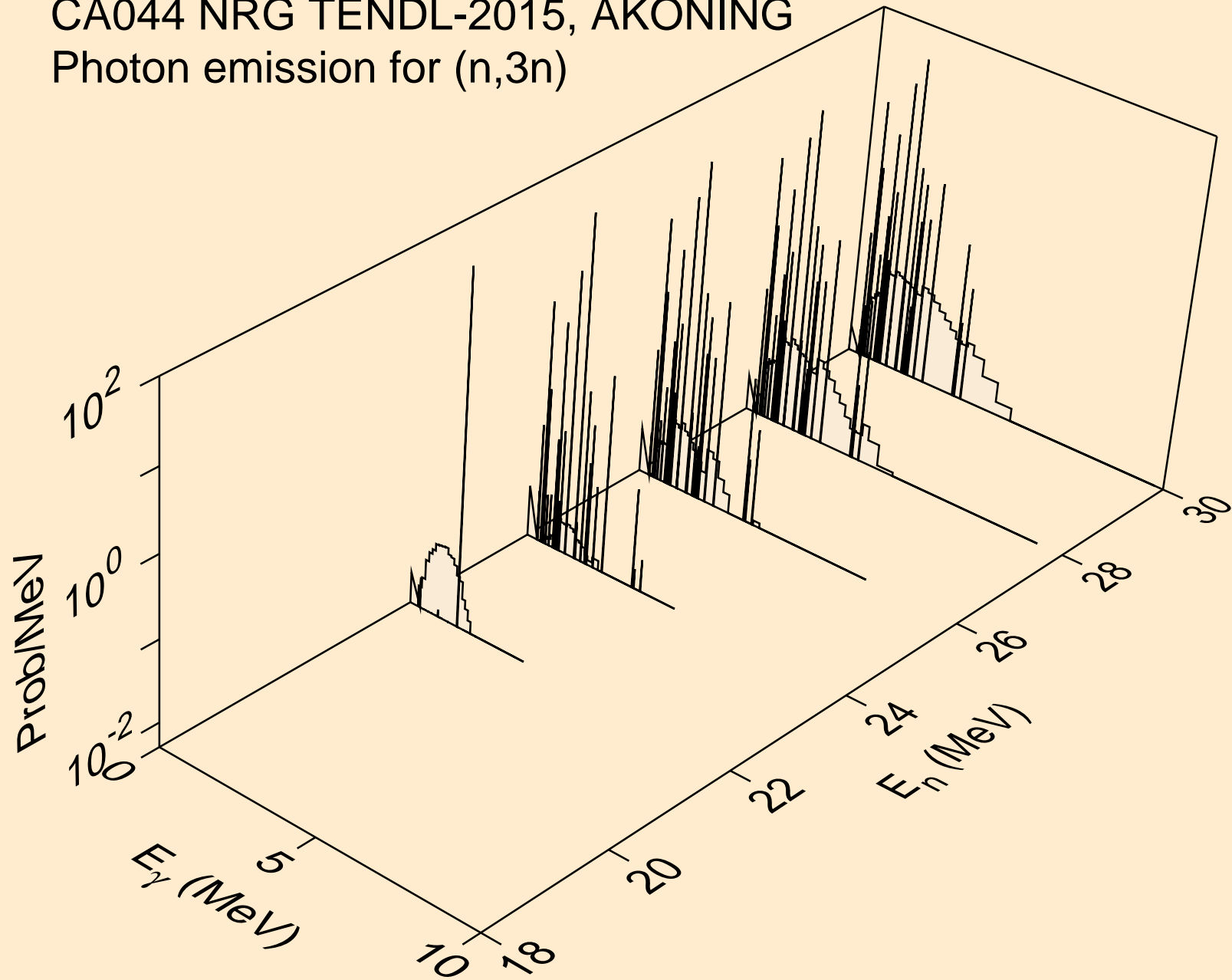




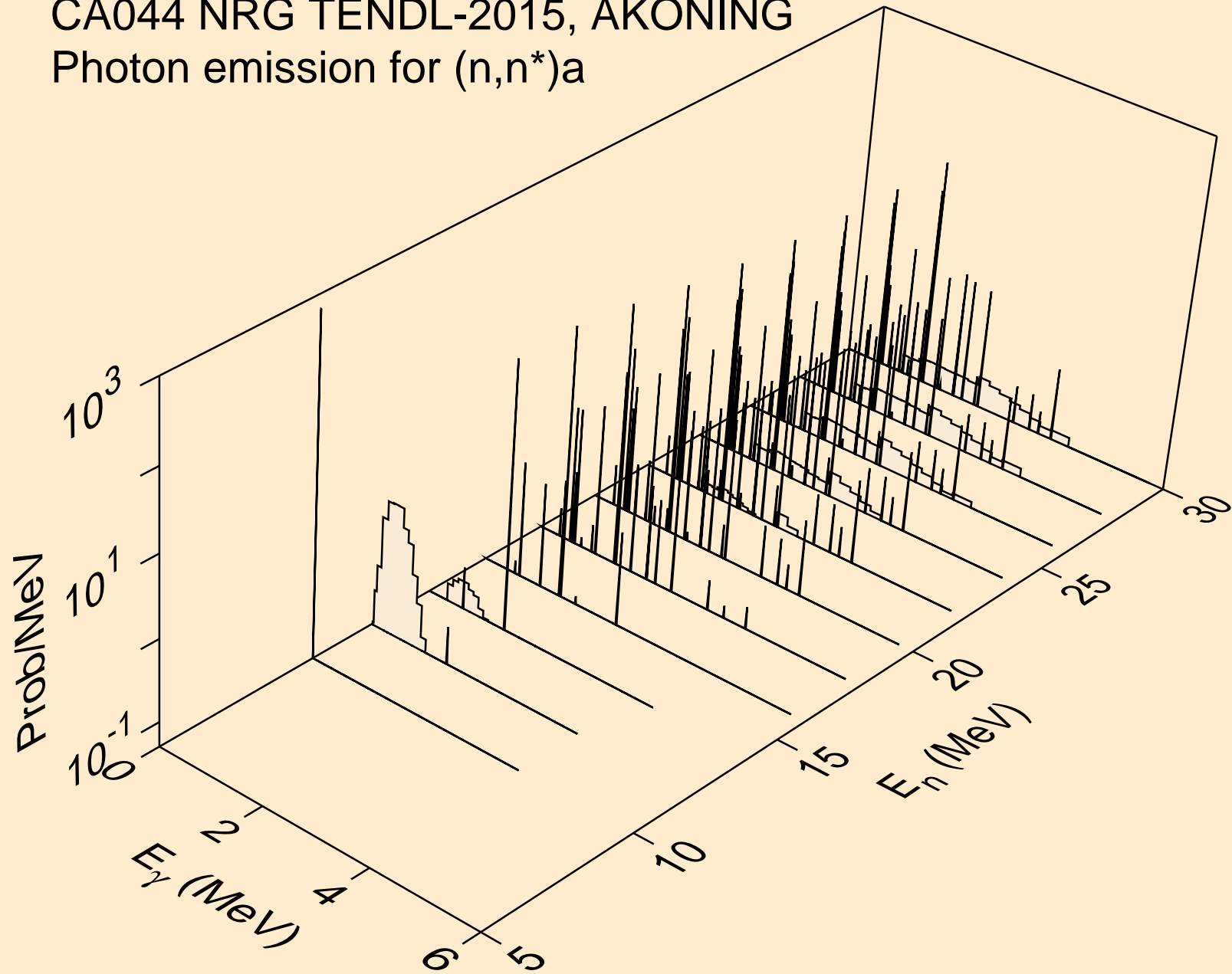
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



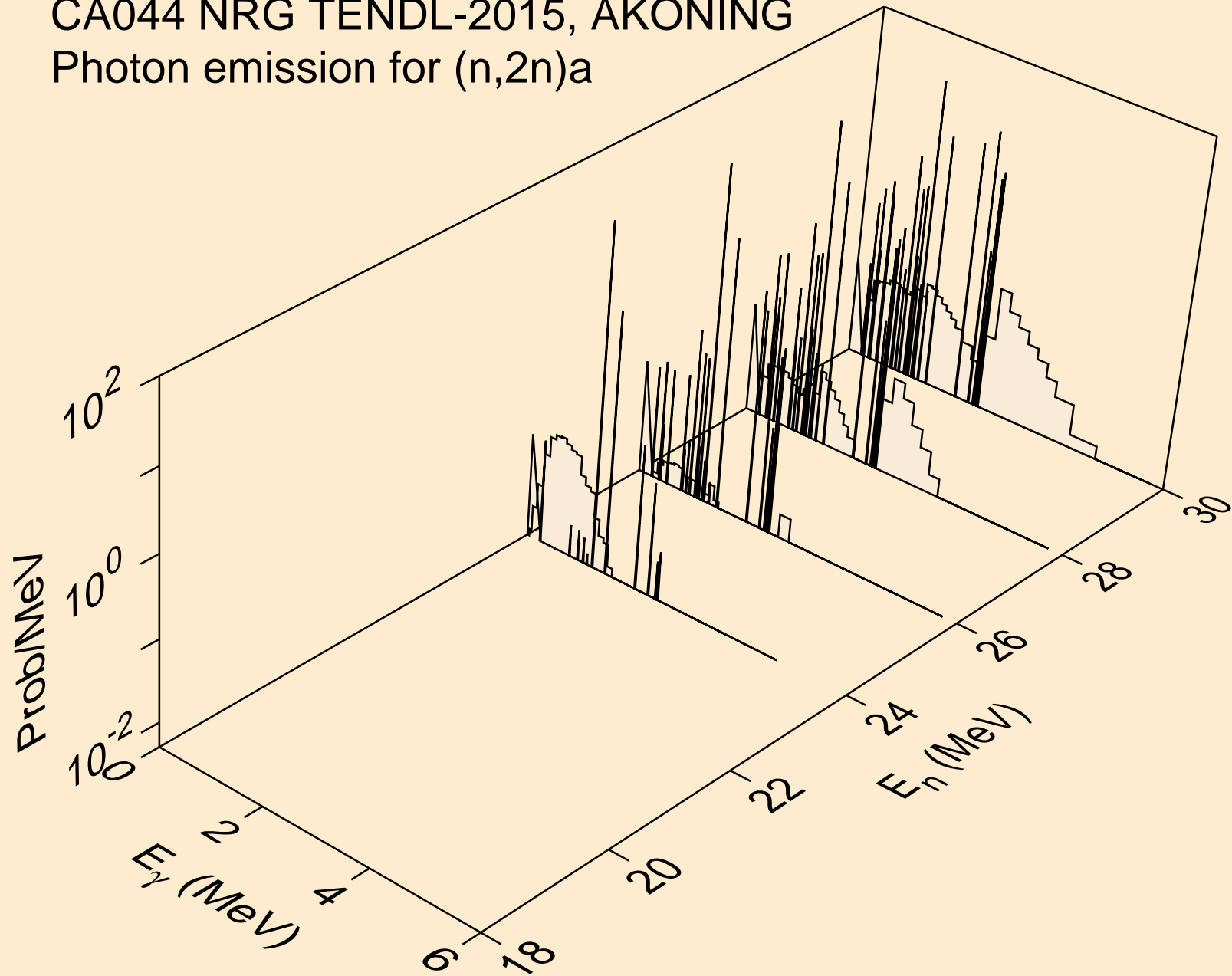
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



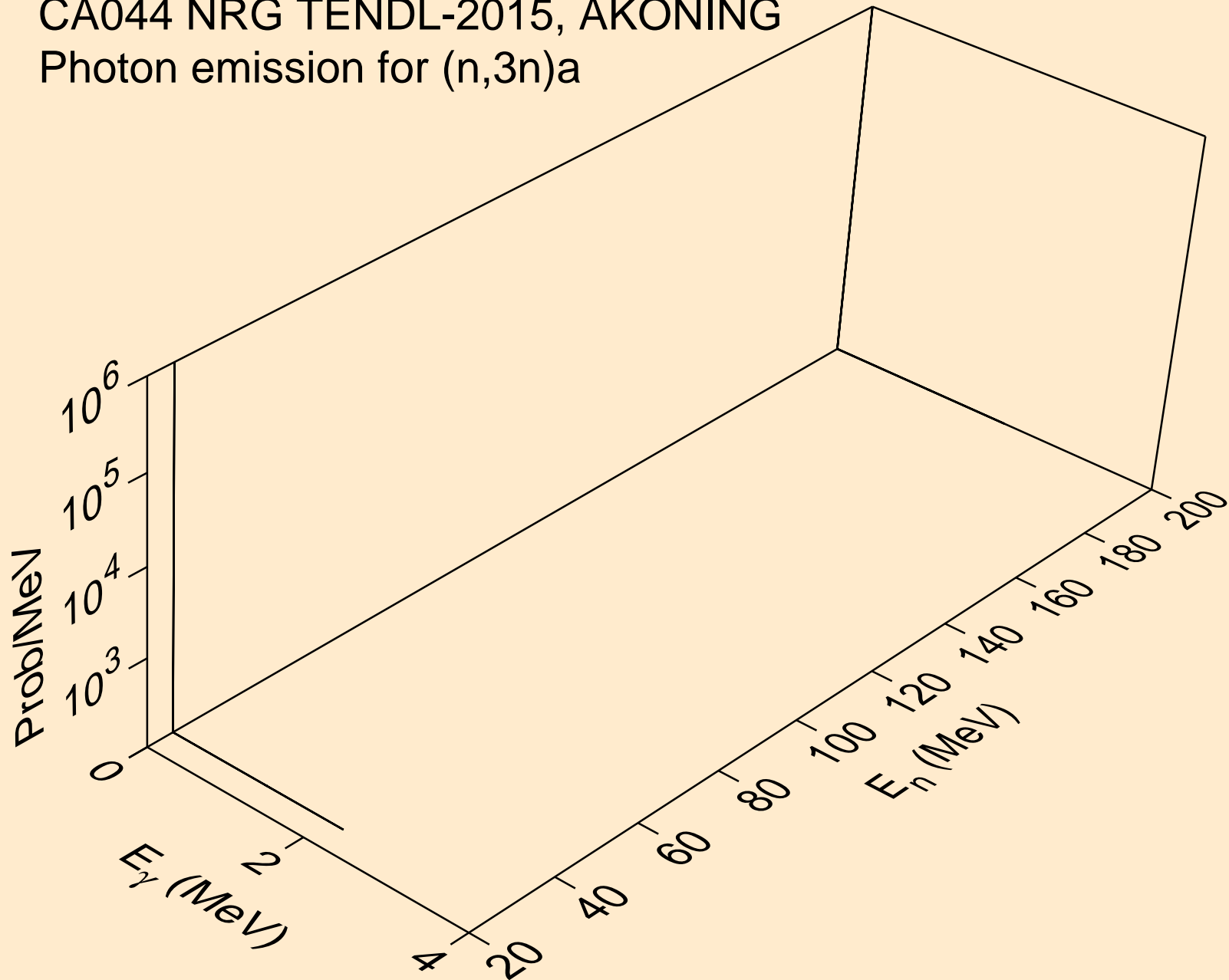
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



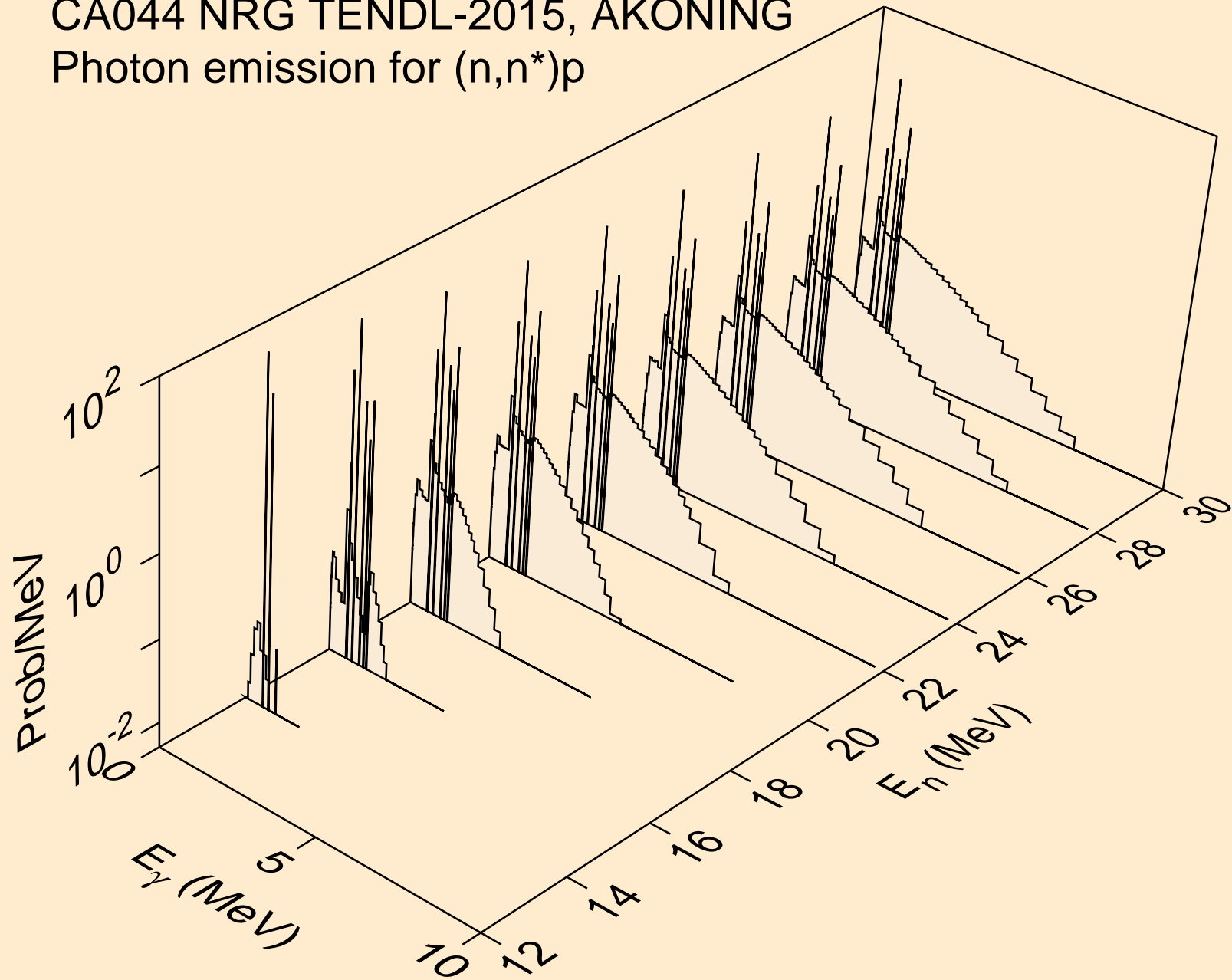
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



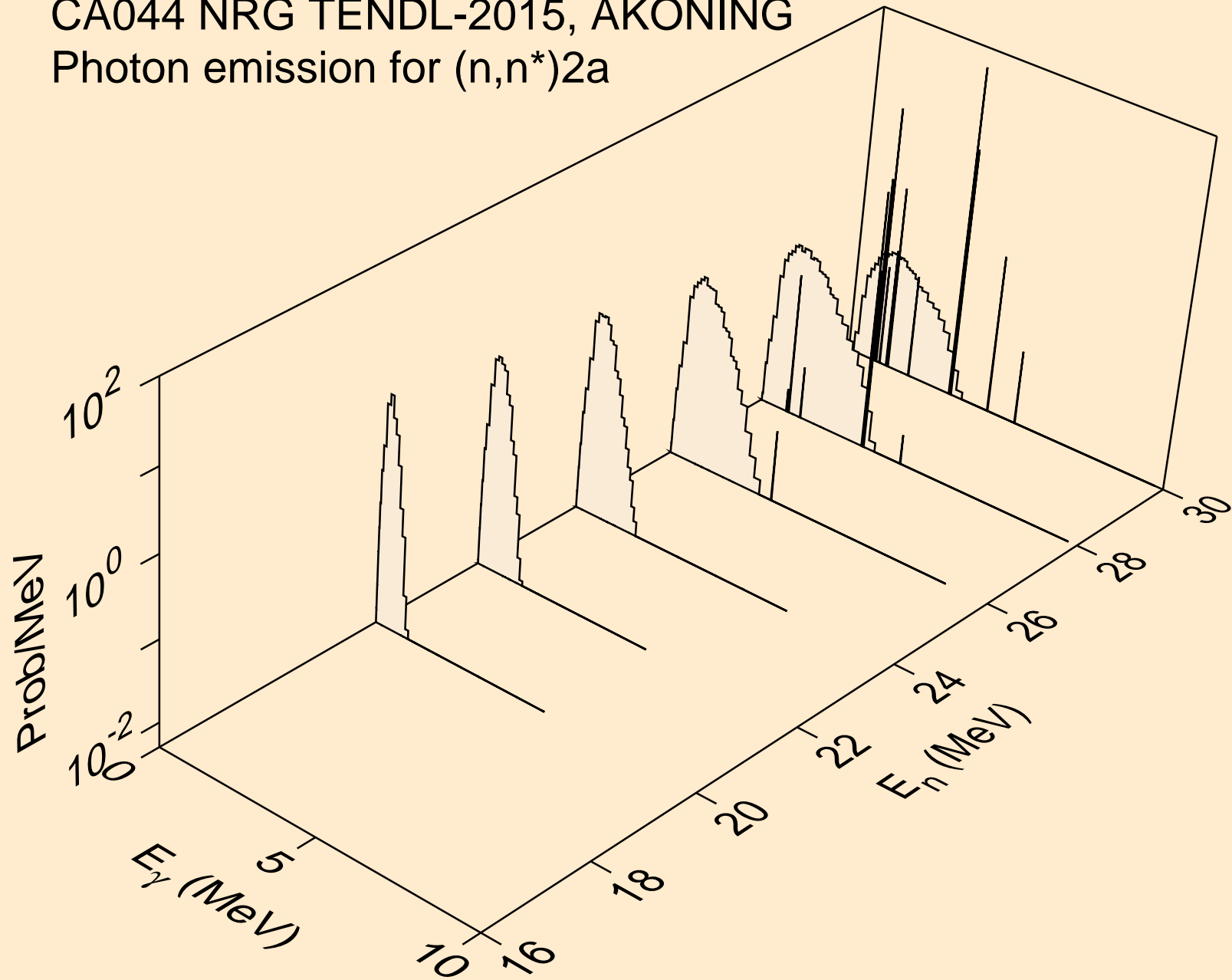
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



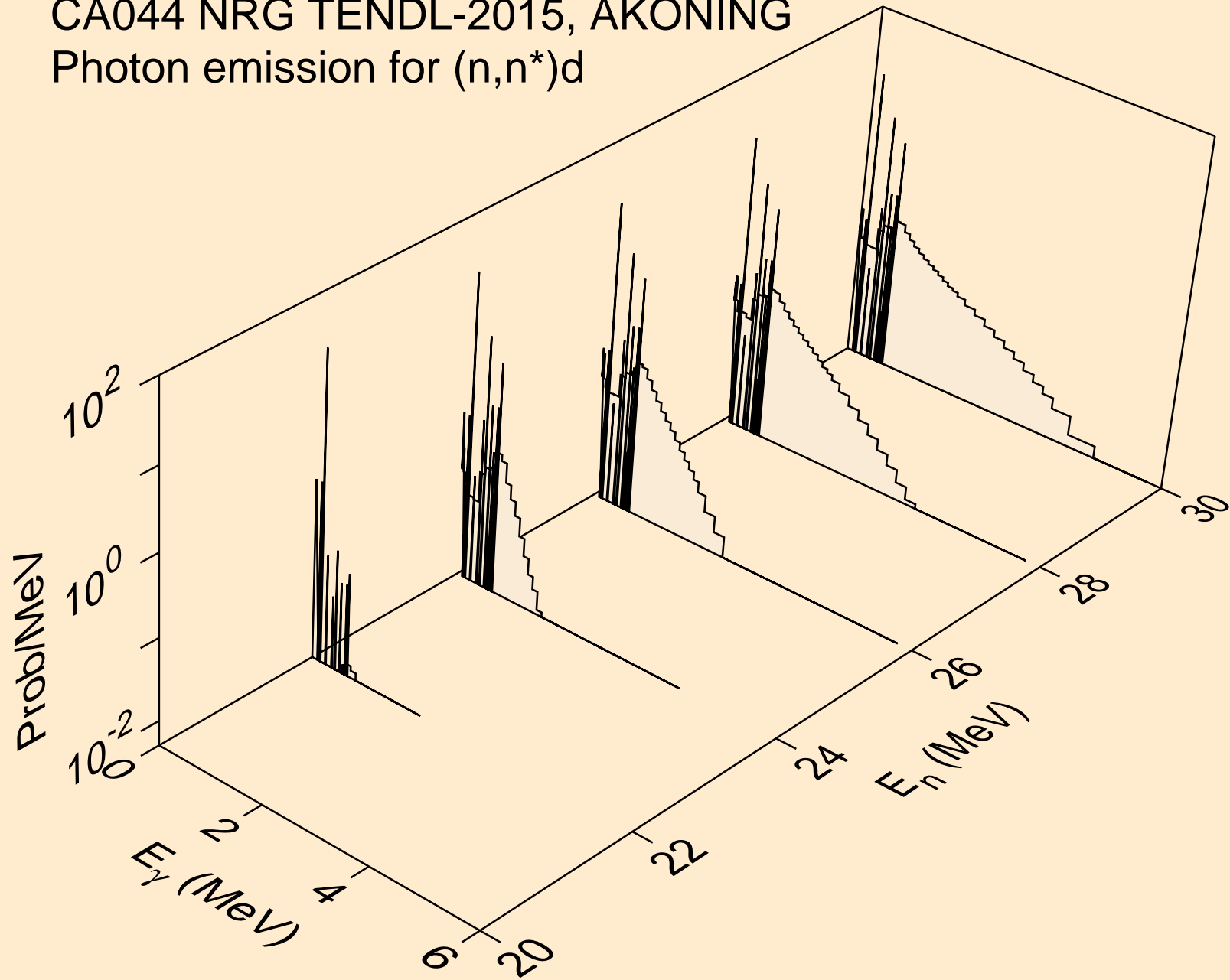
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

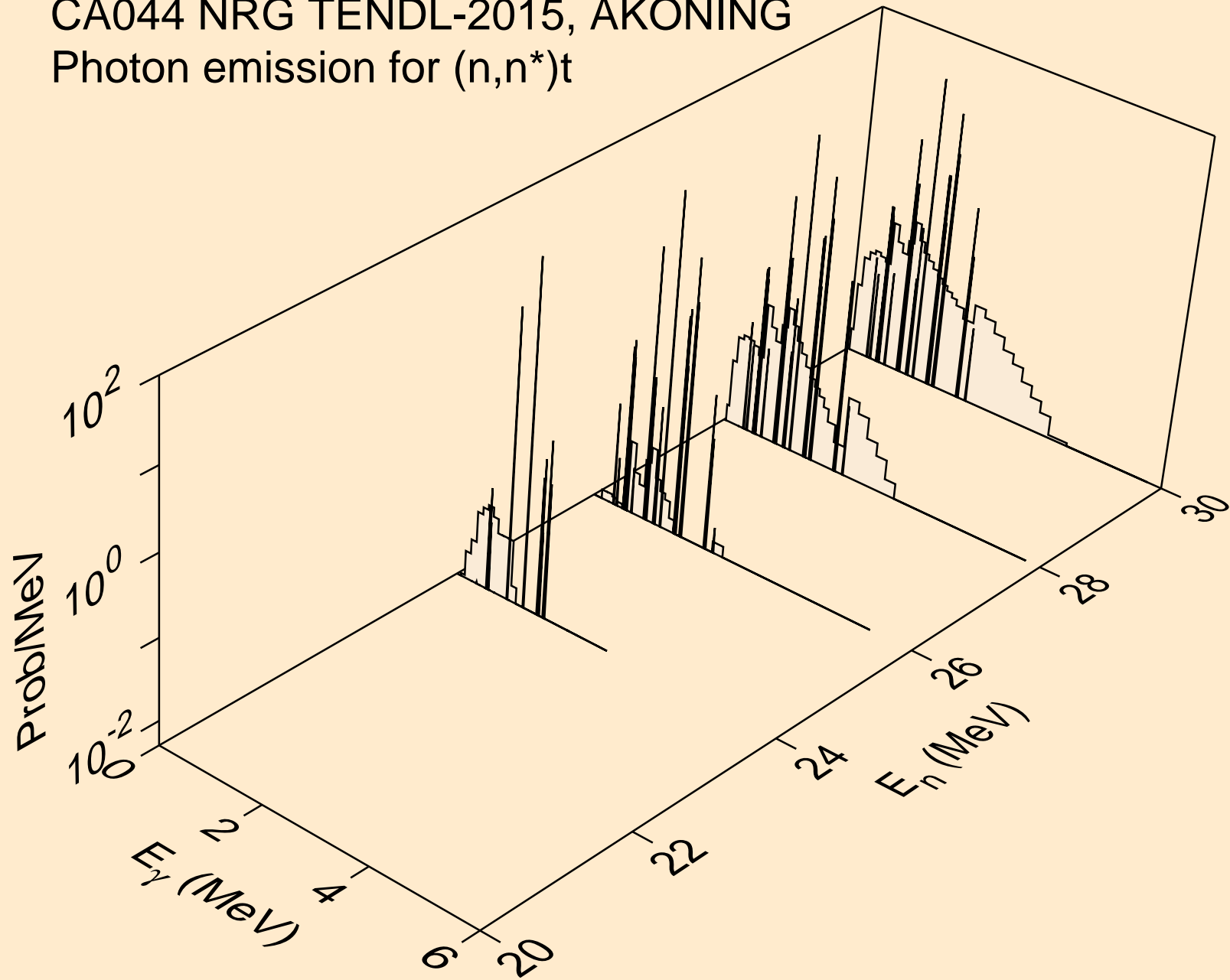


CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

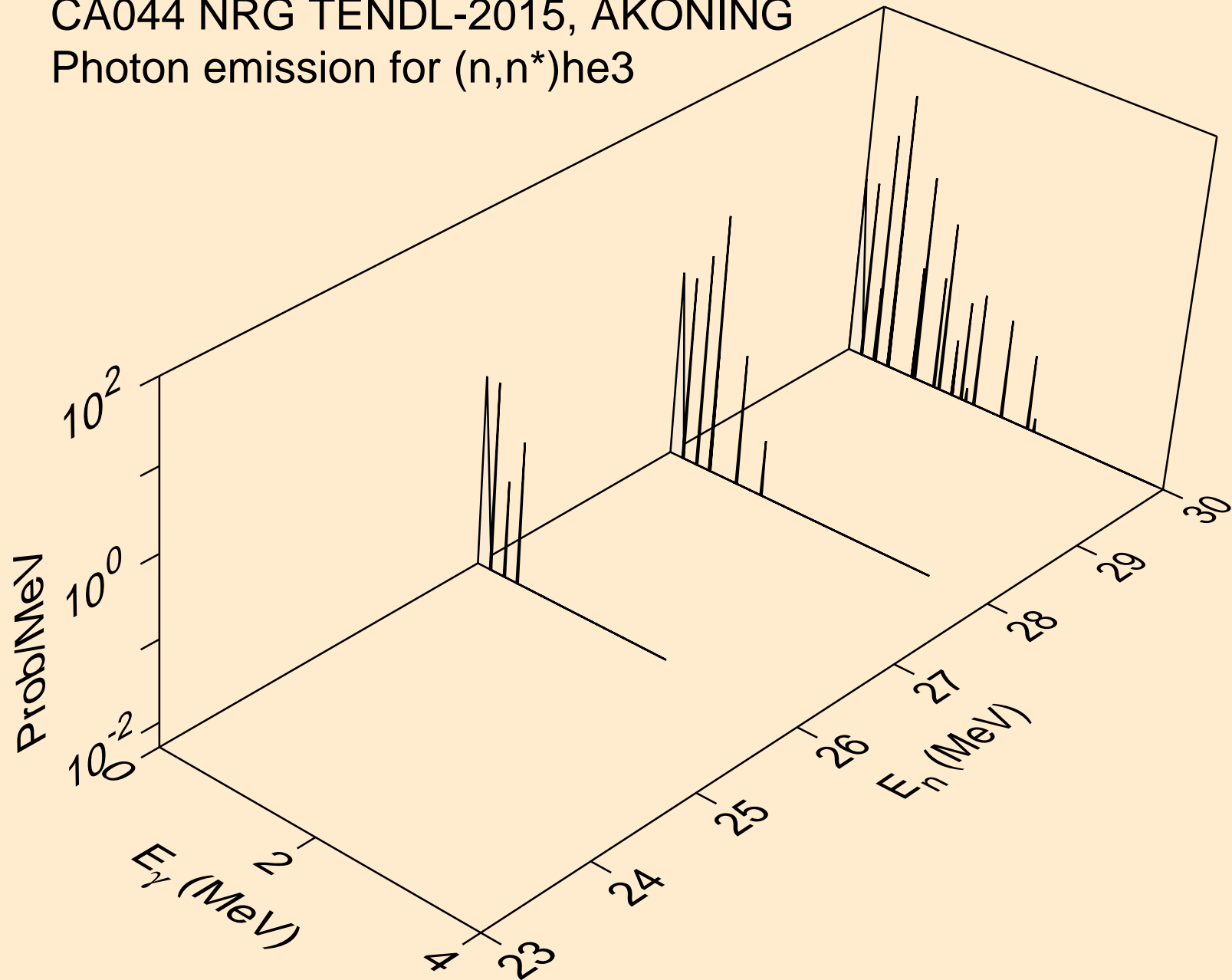




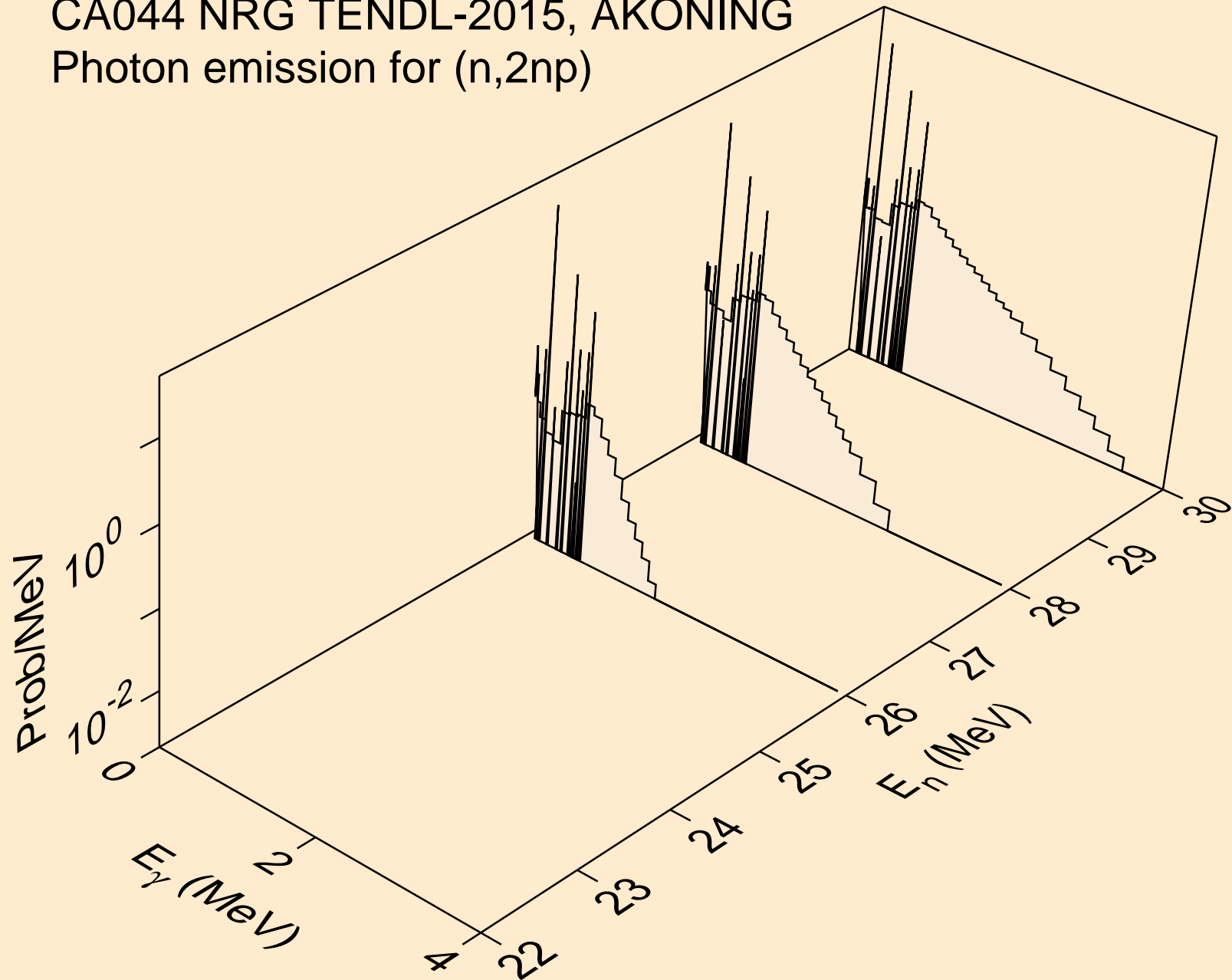
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



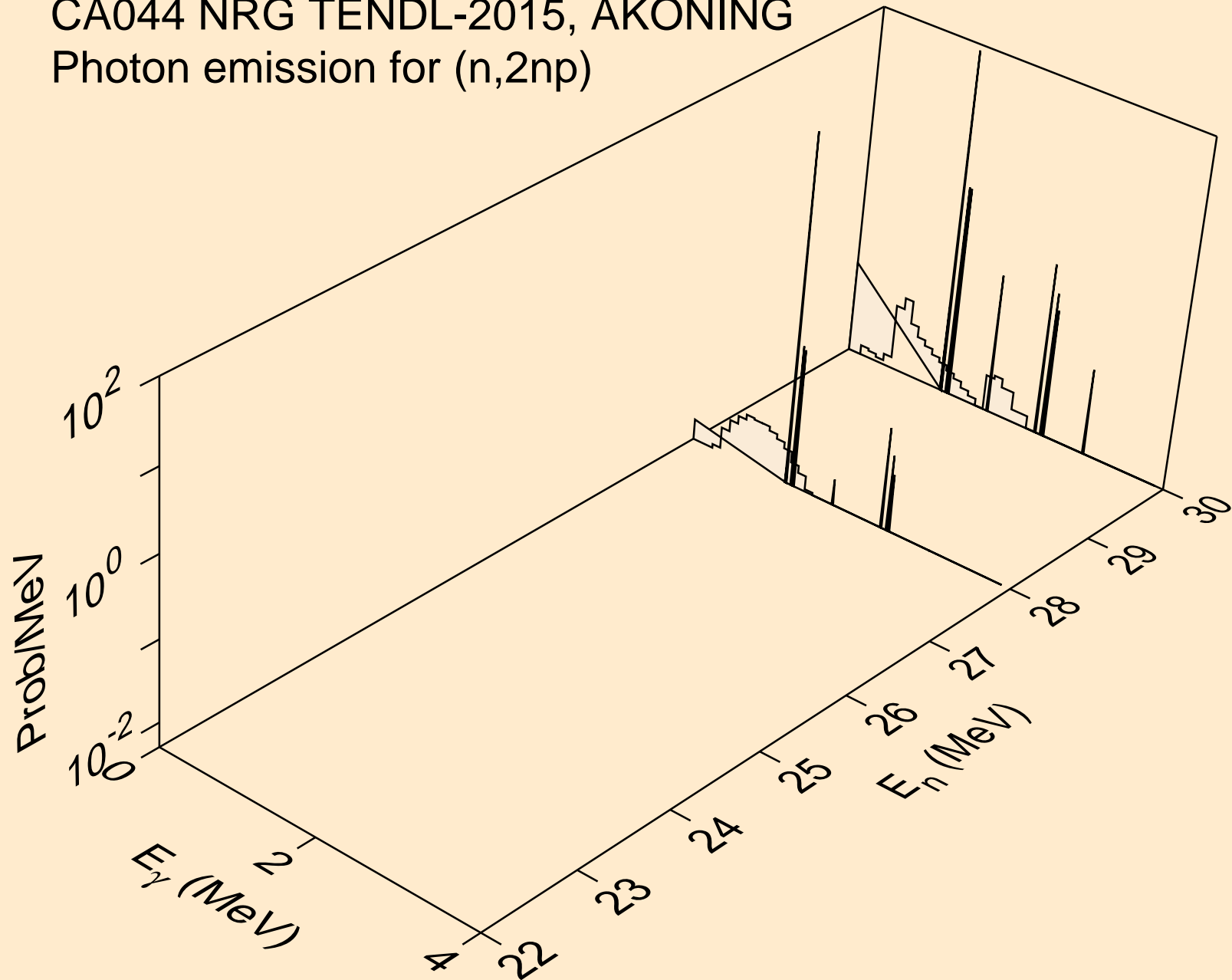
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



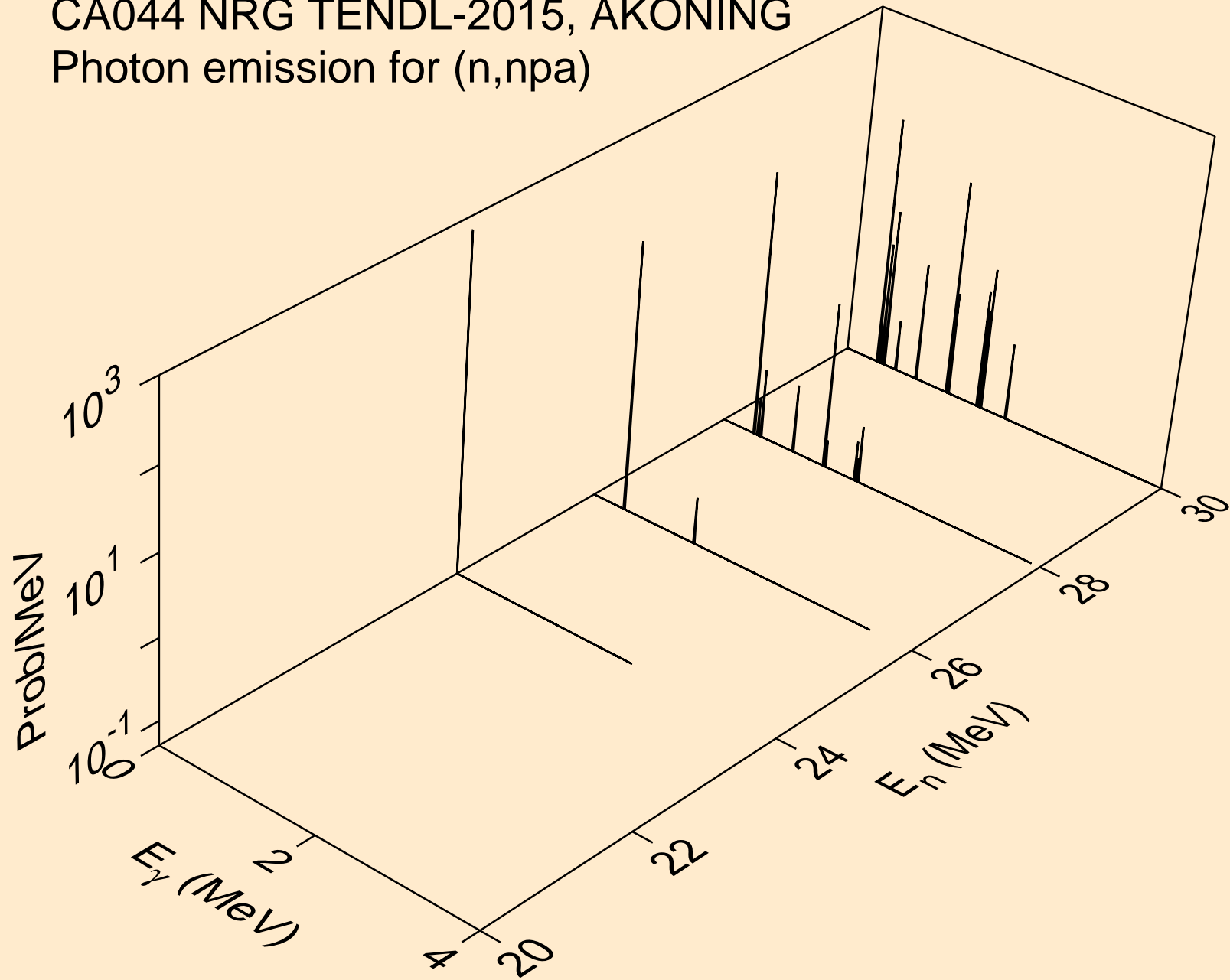
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



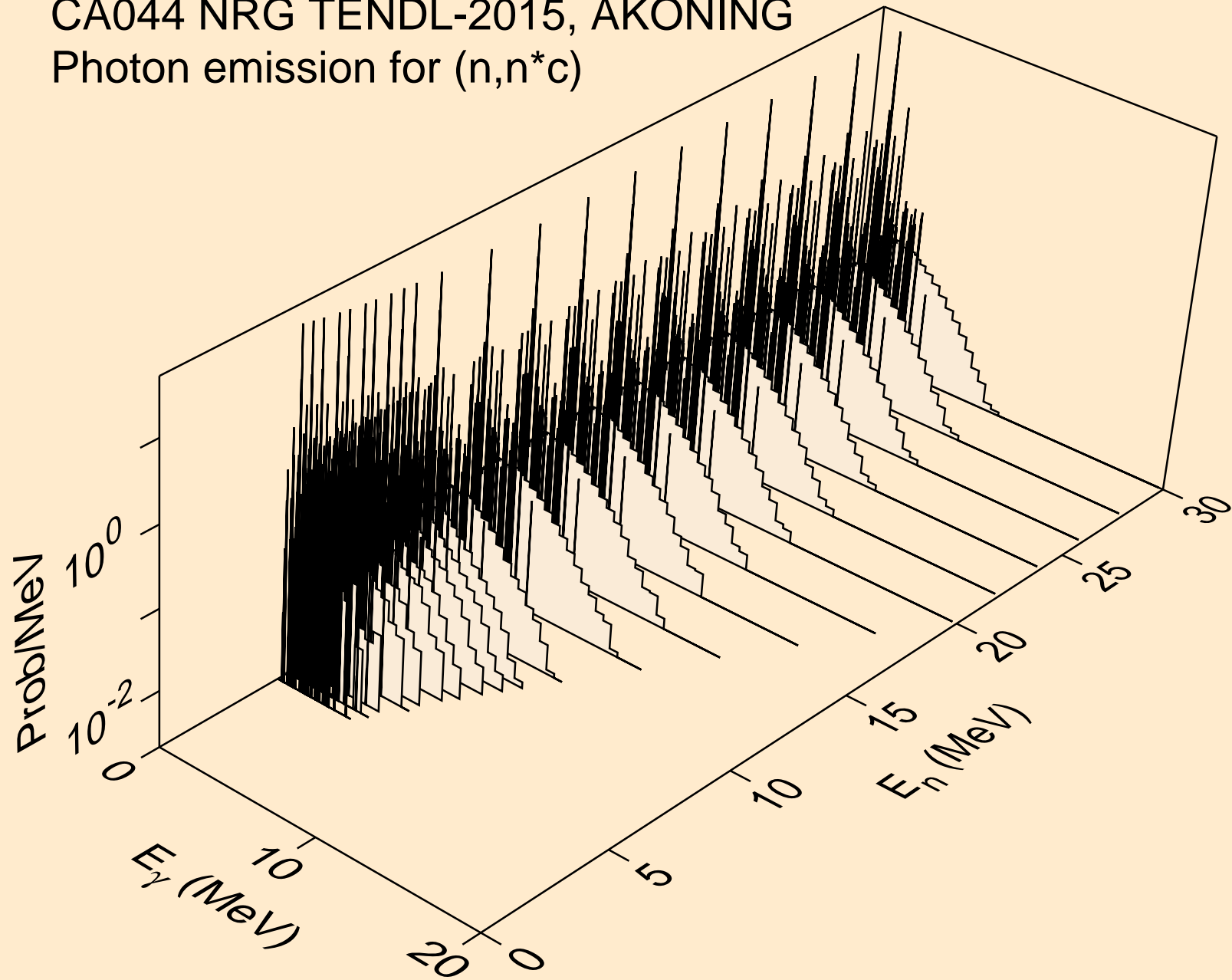
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



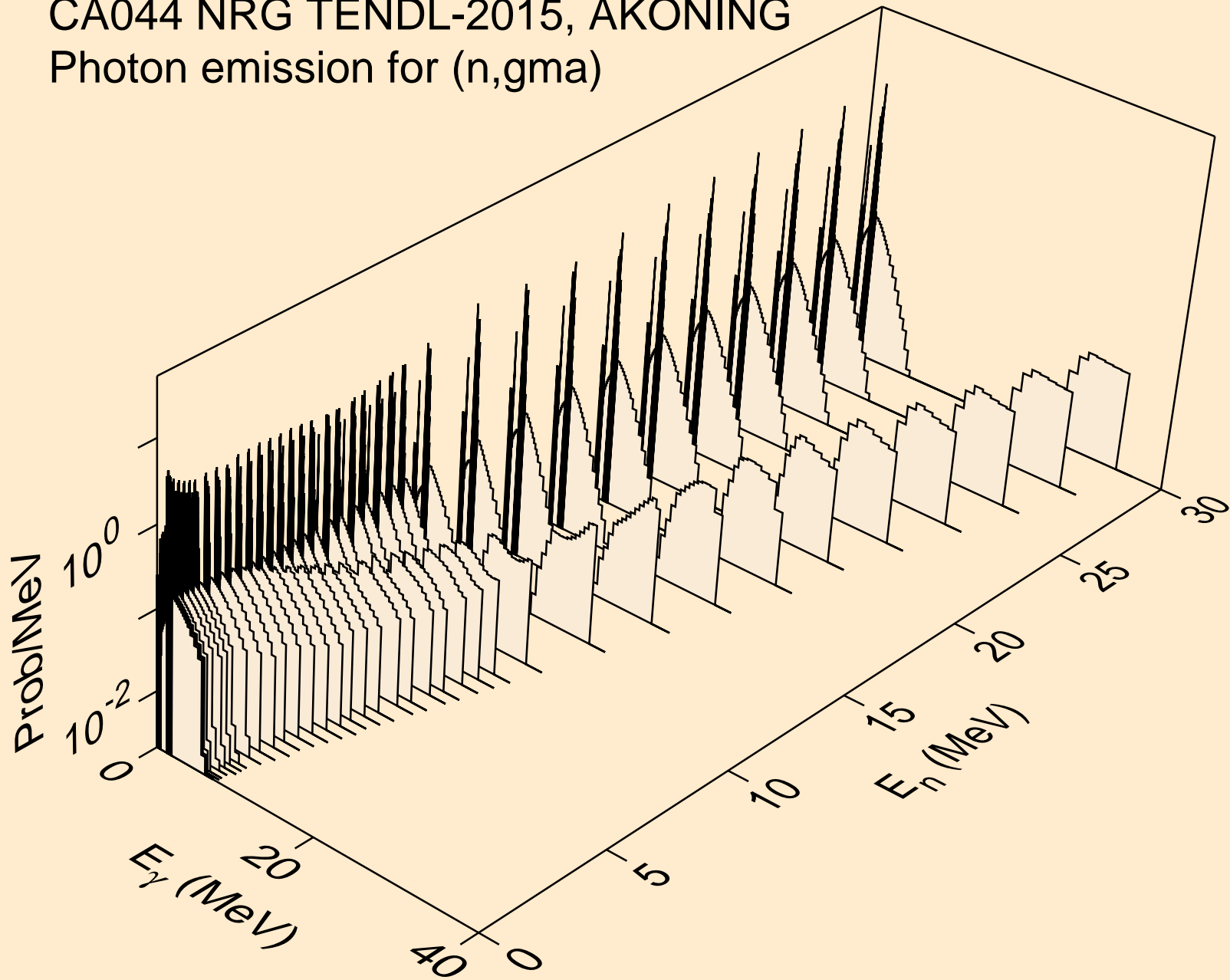
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



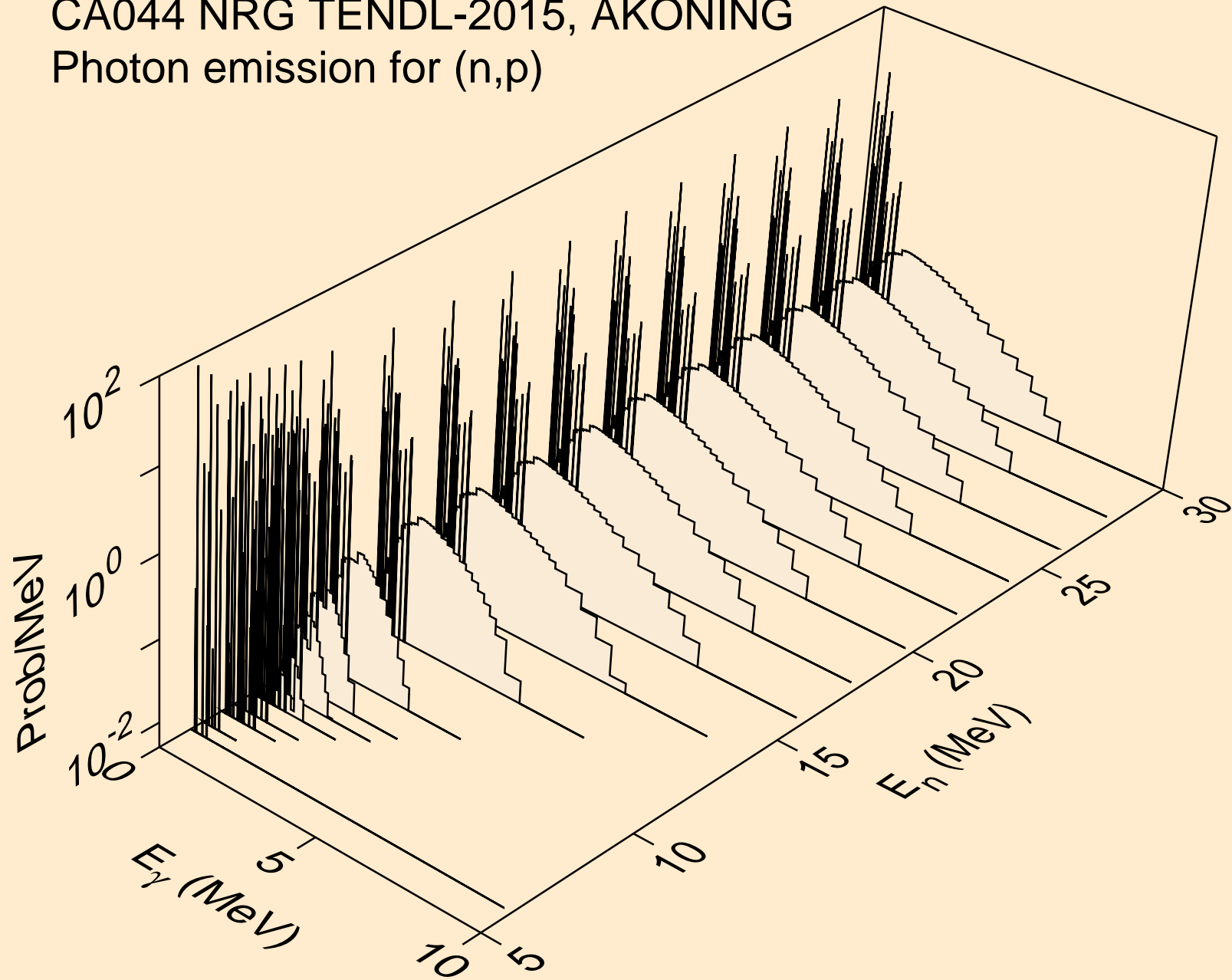
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

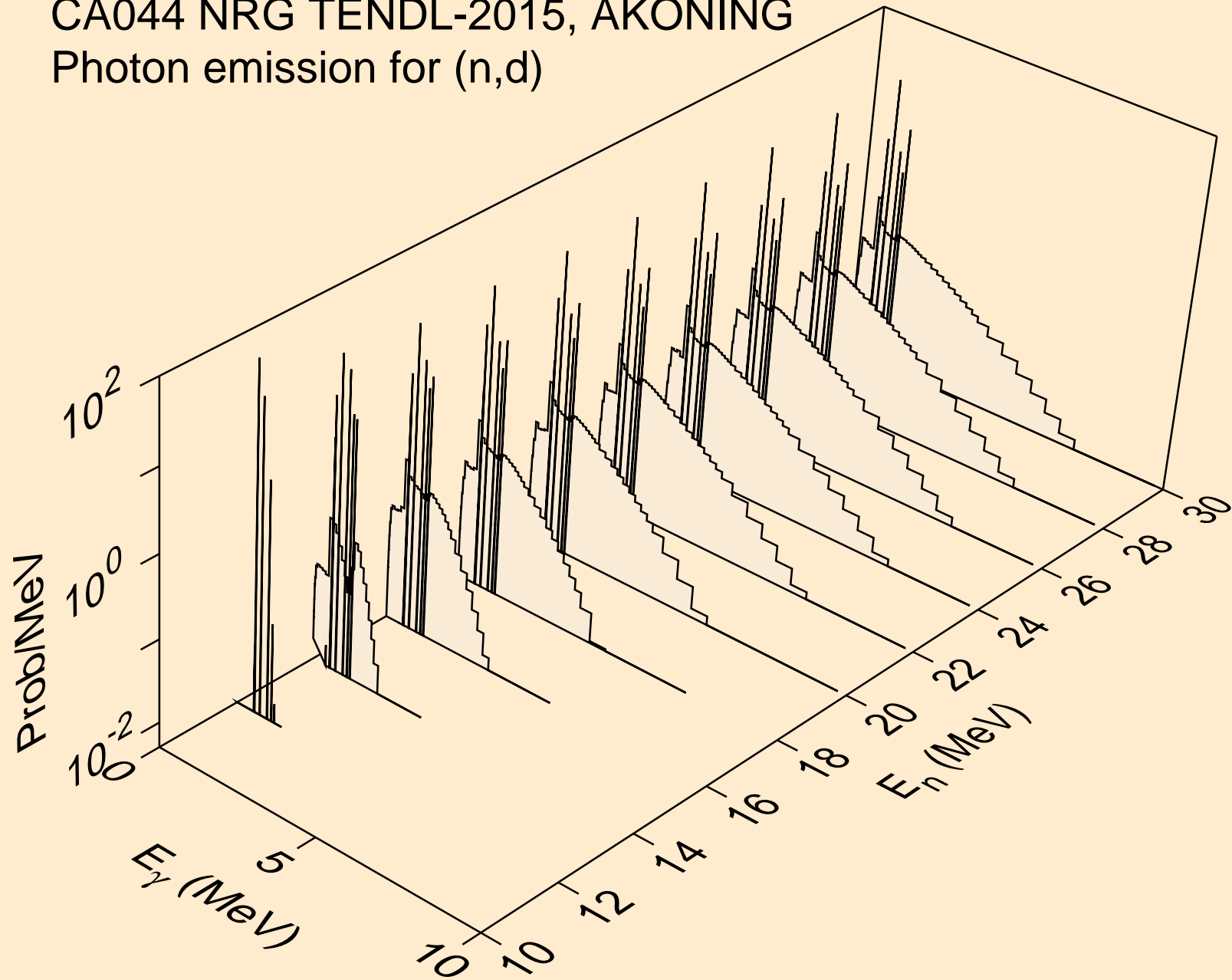


CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

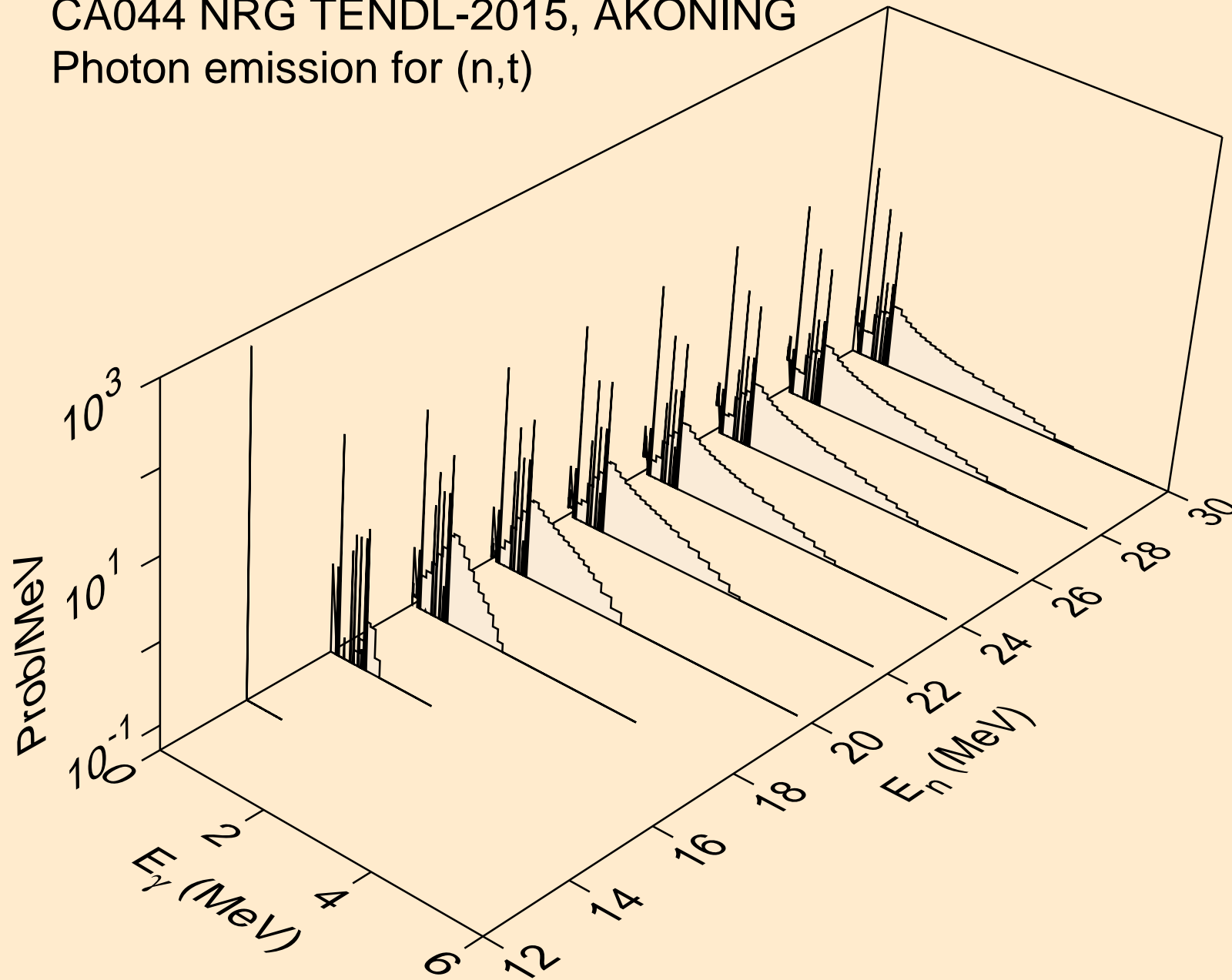




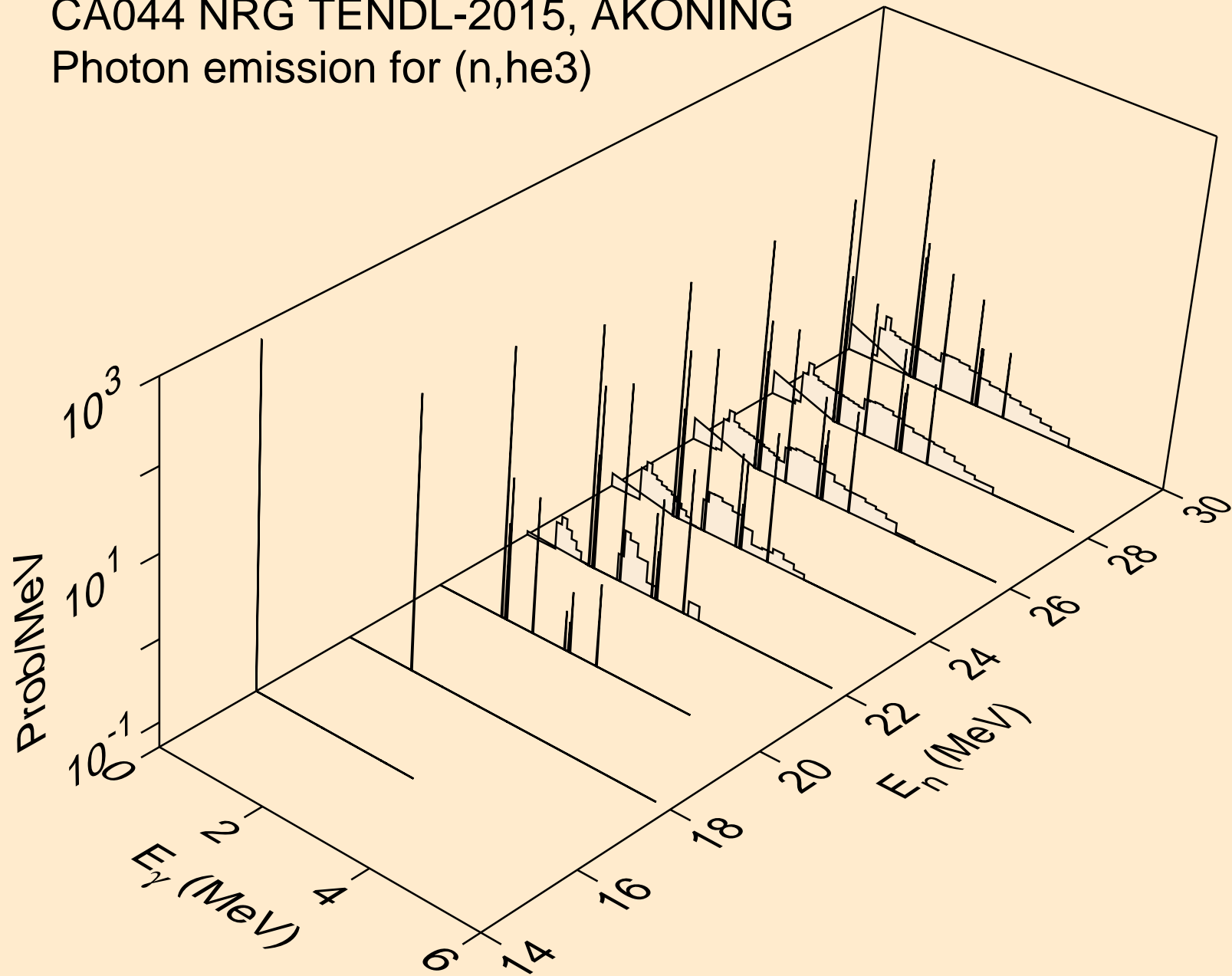
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



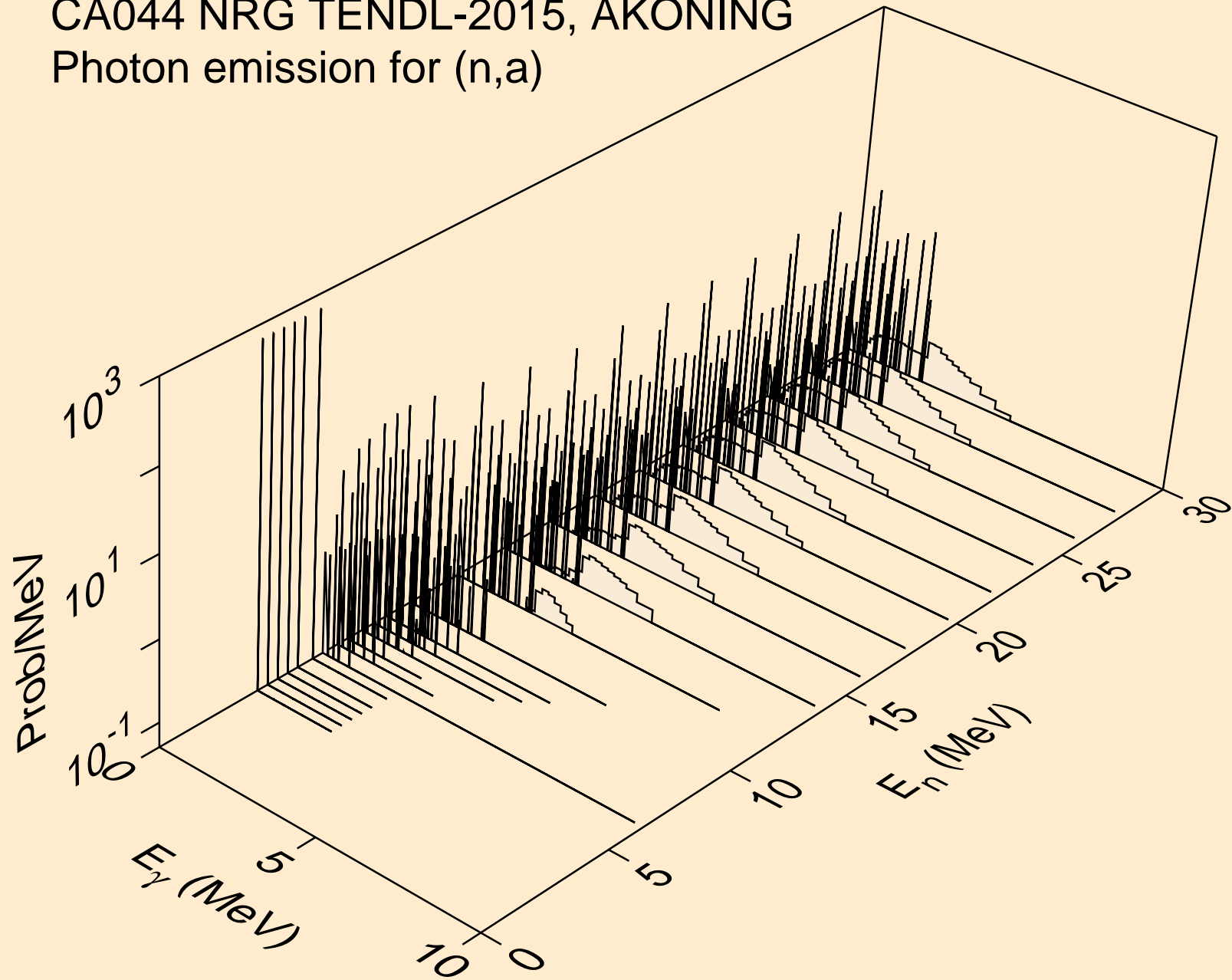
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



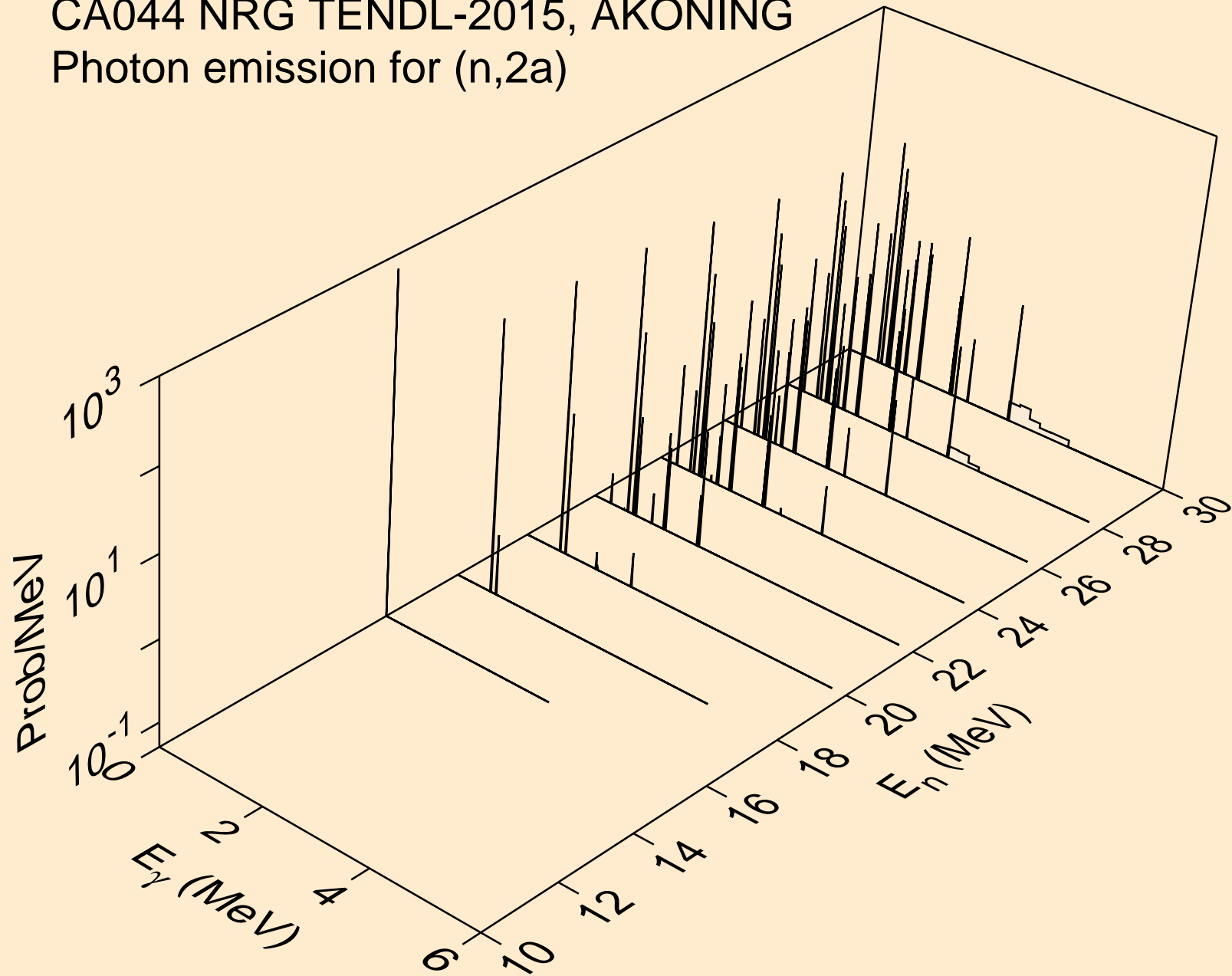
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



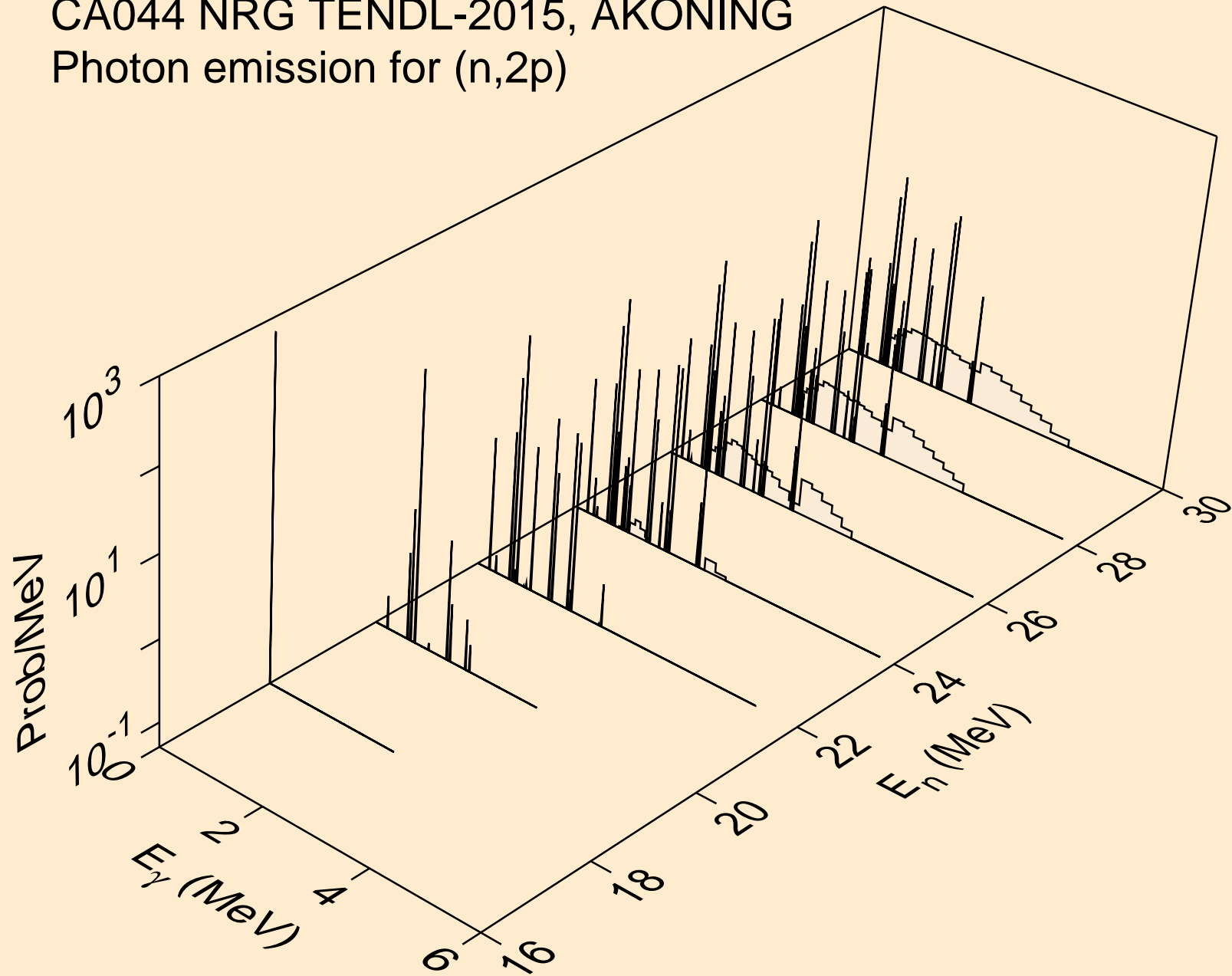
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



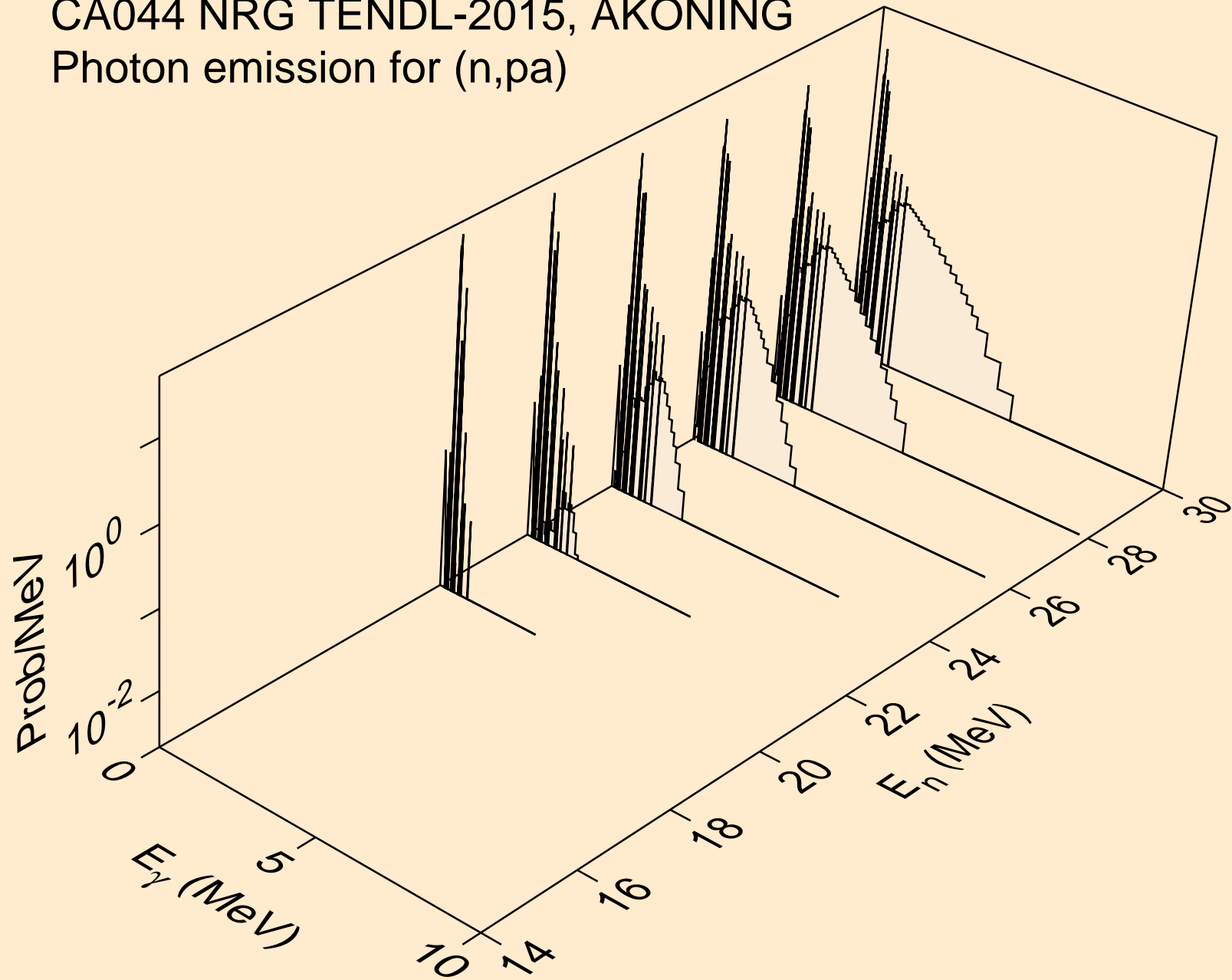
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



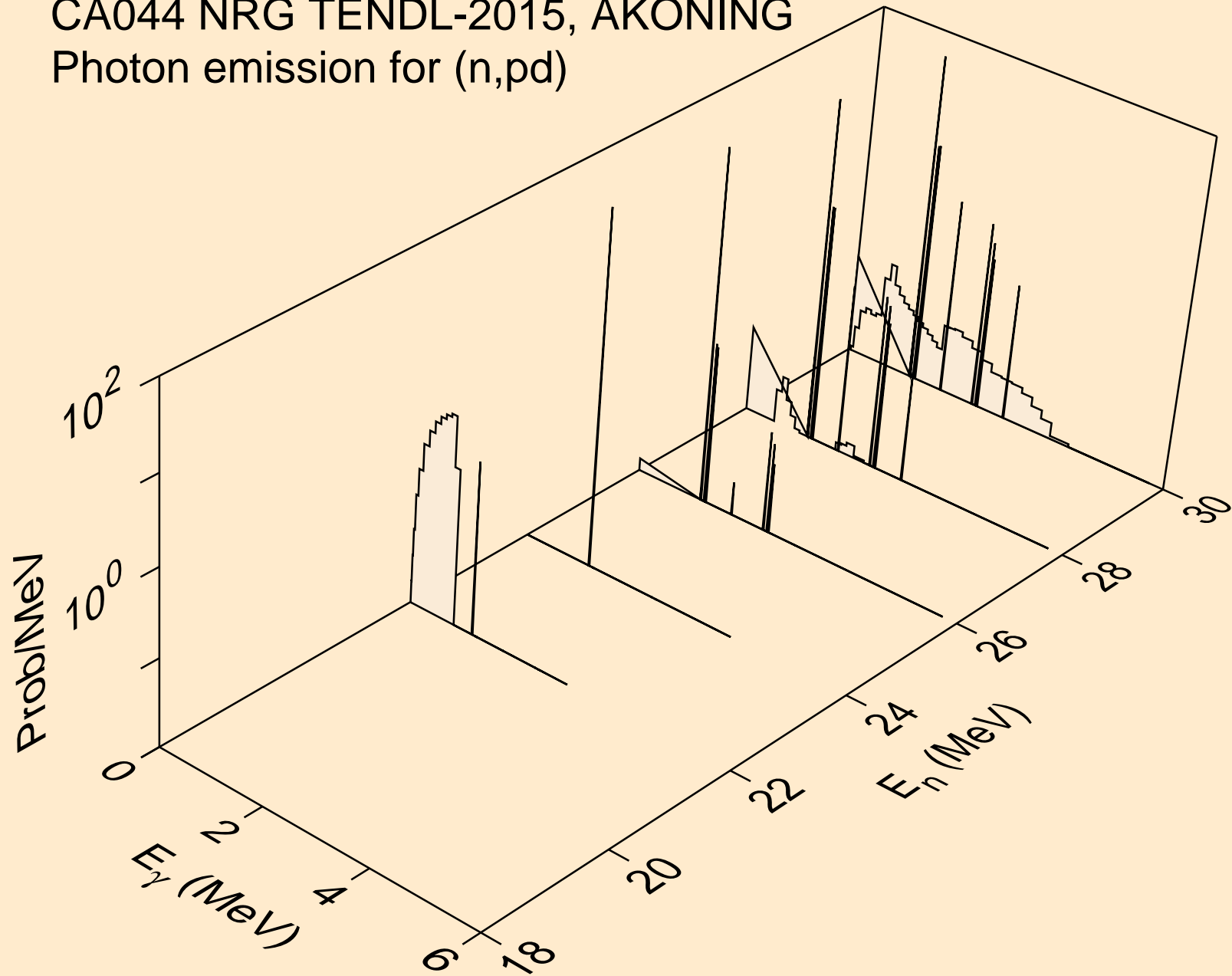
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

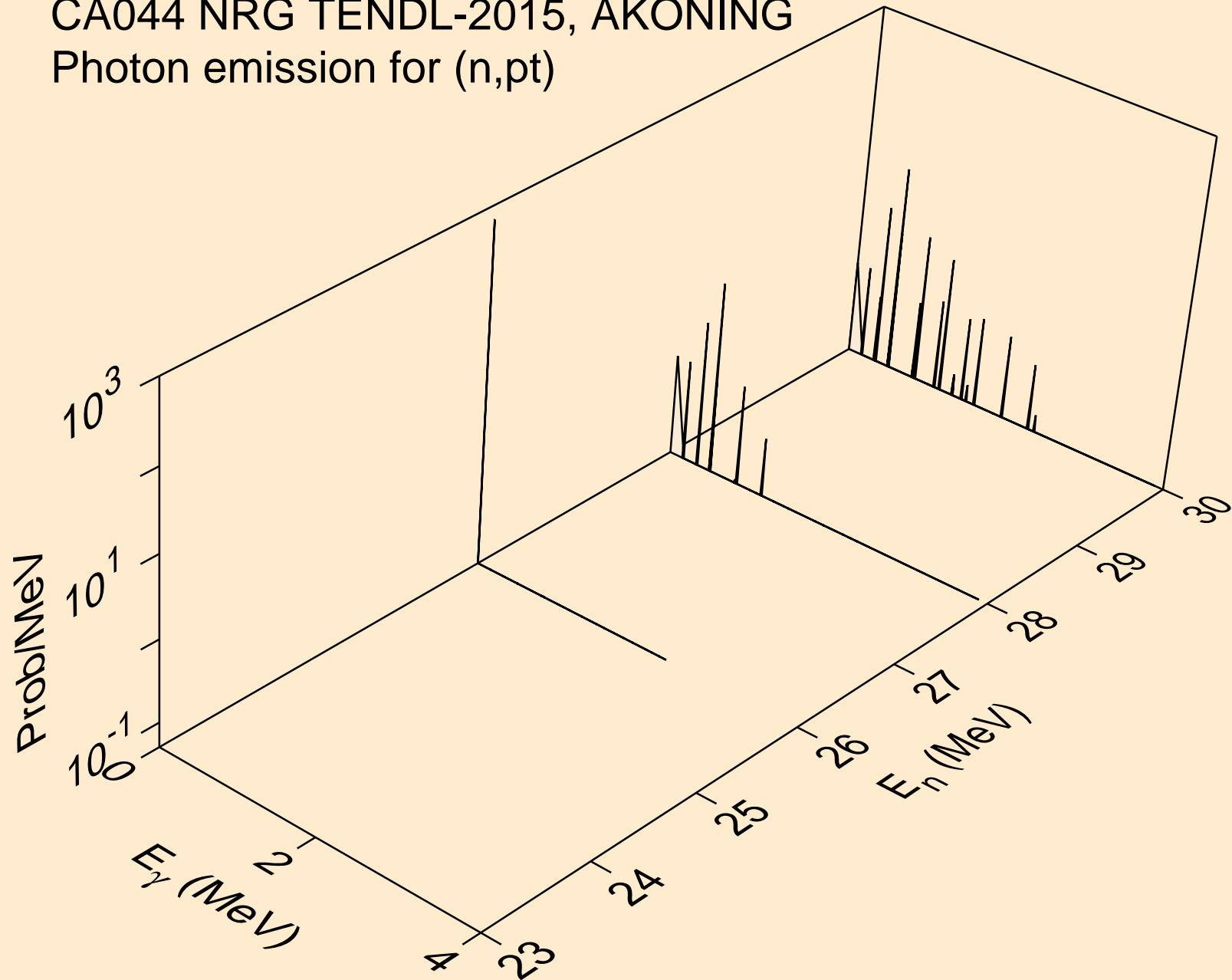


CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

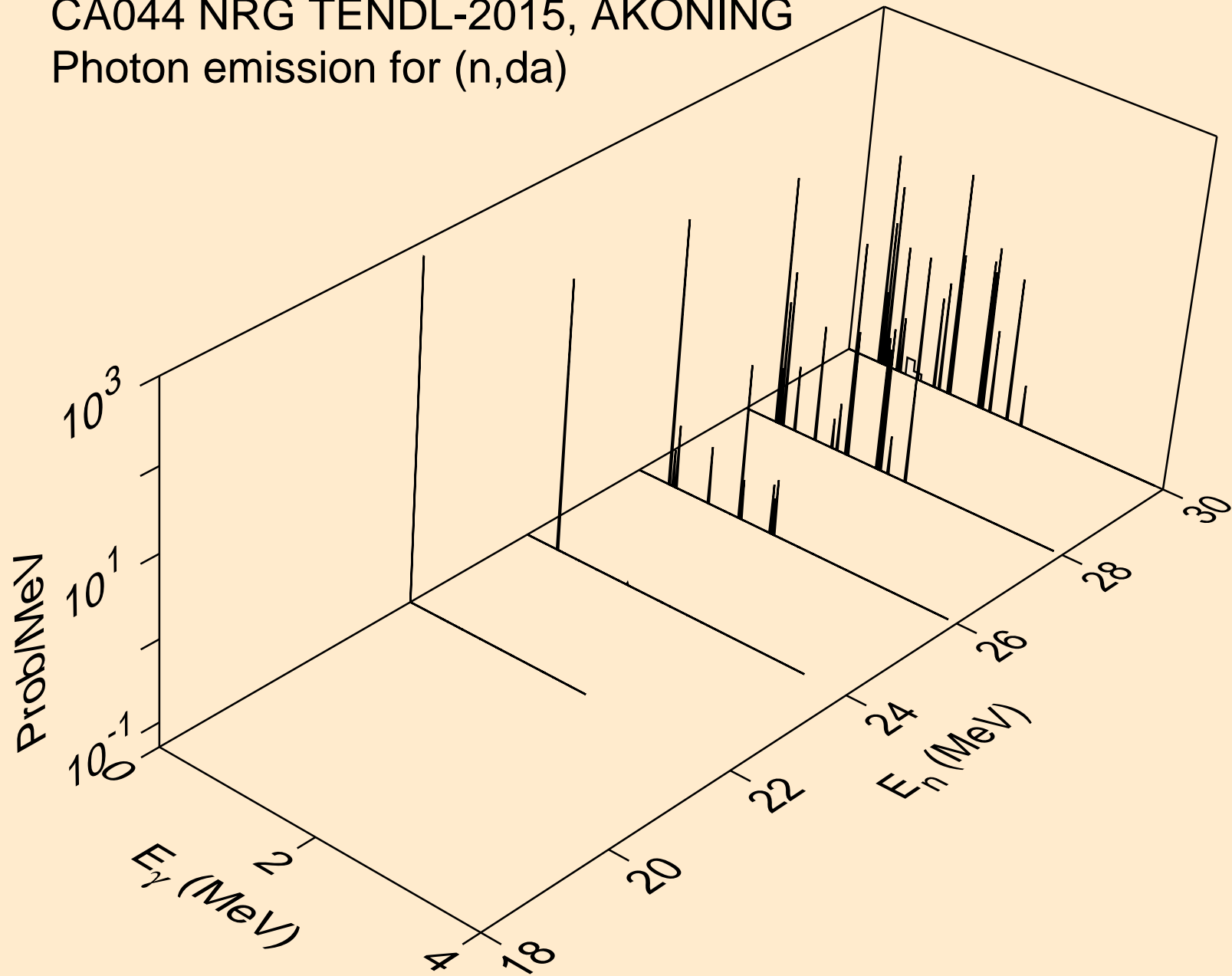




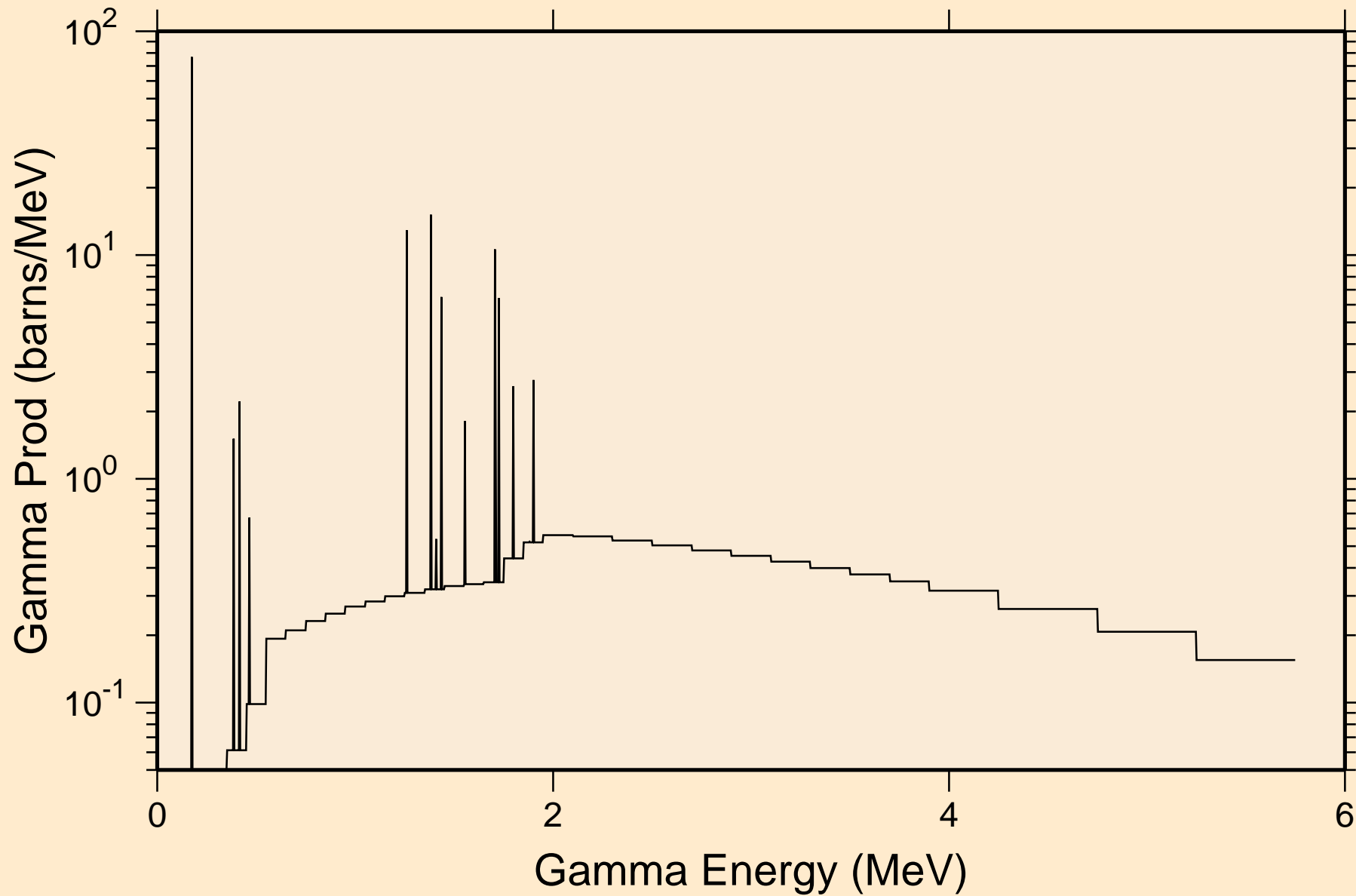
CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



CA044 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

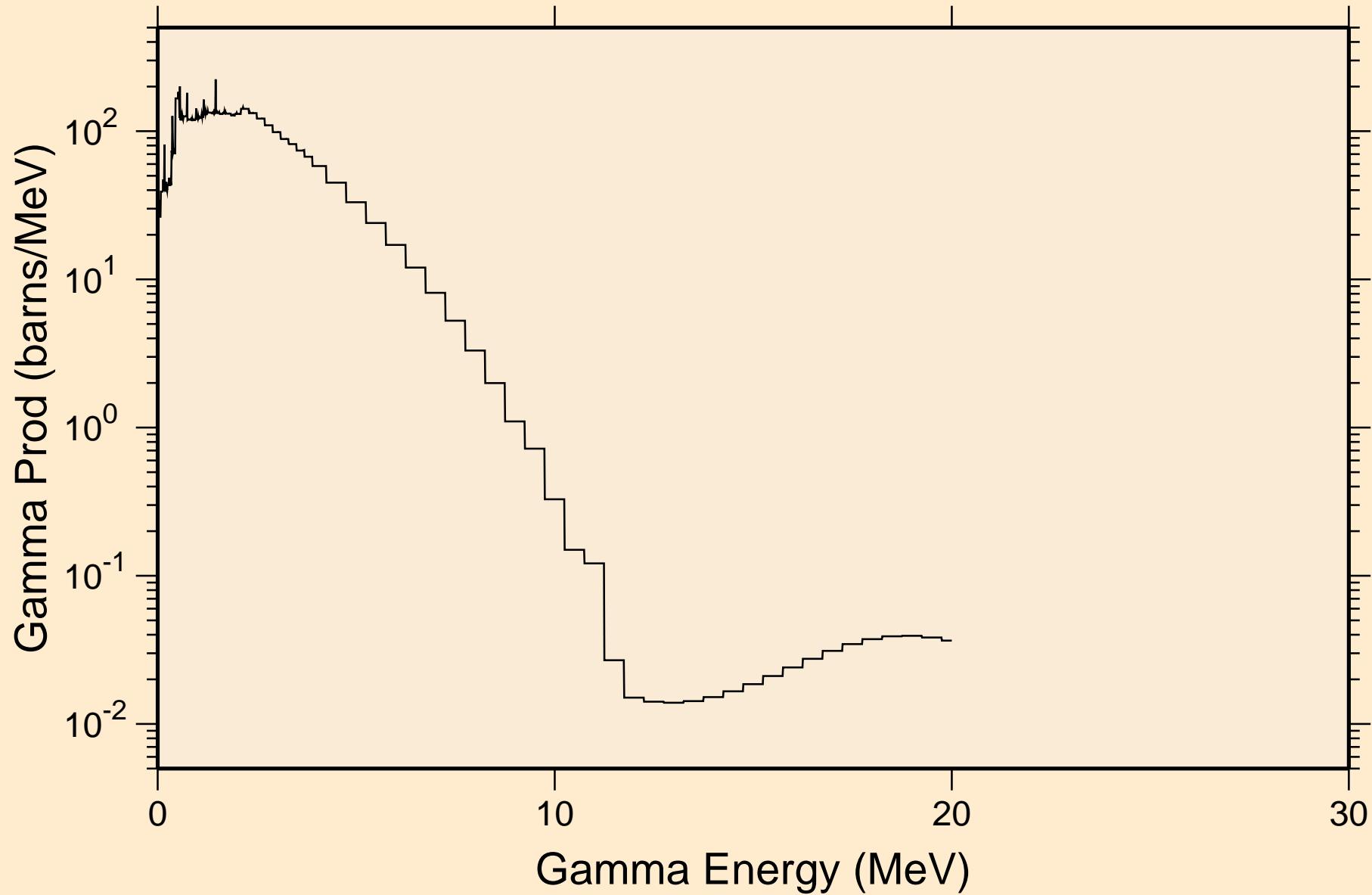


CA044 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



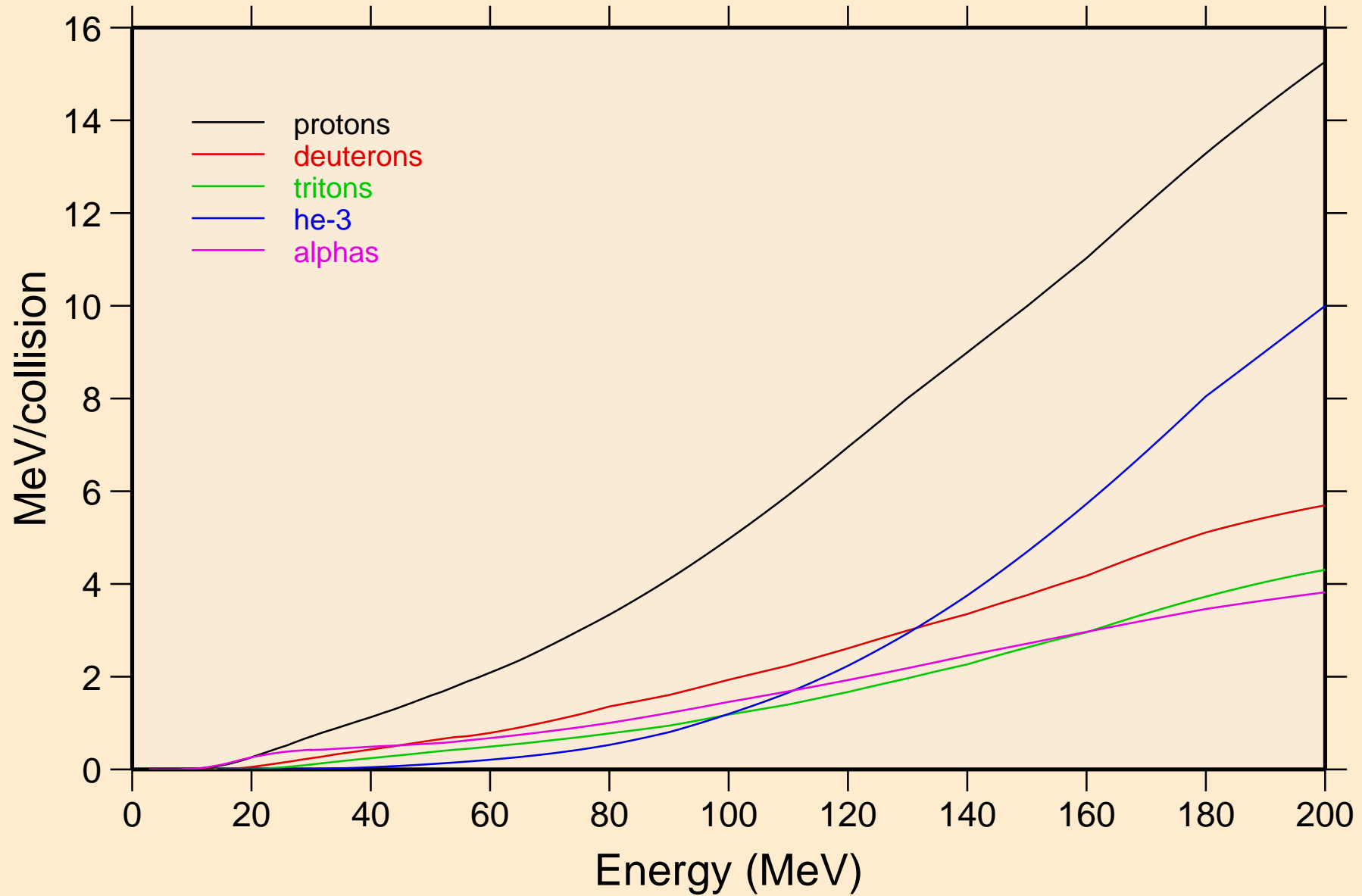
# CA044 NRG TENDL-2015, AKONING

## 14 MeV photon spectrum



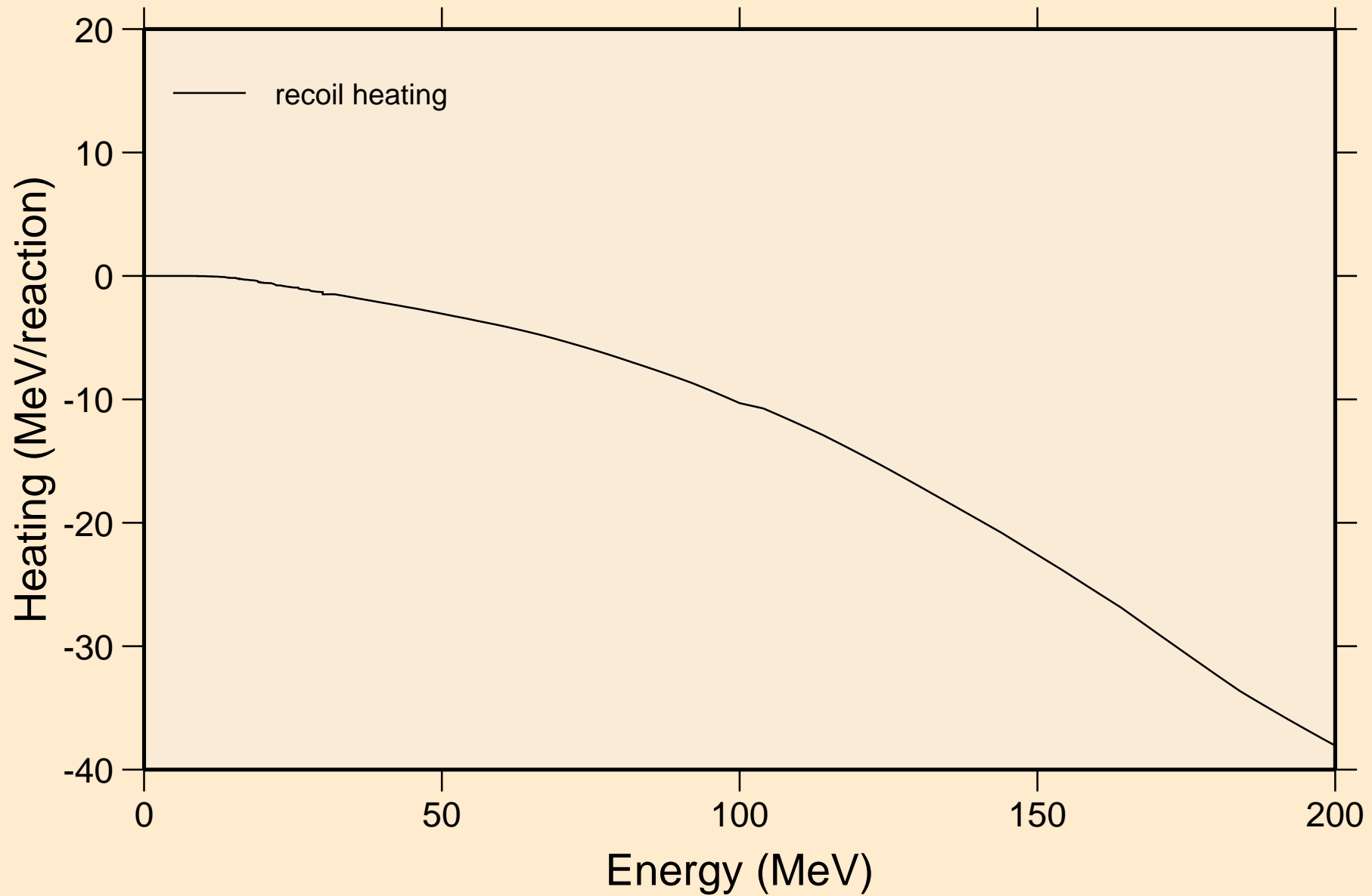
# CA044 NRG TENDL-2015, AKONING

## Particle heating contributions



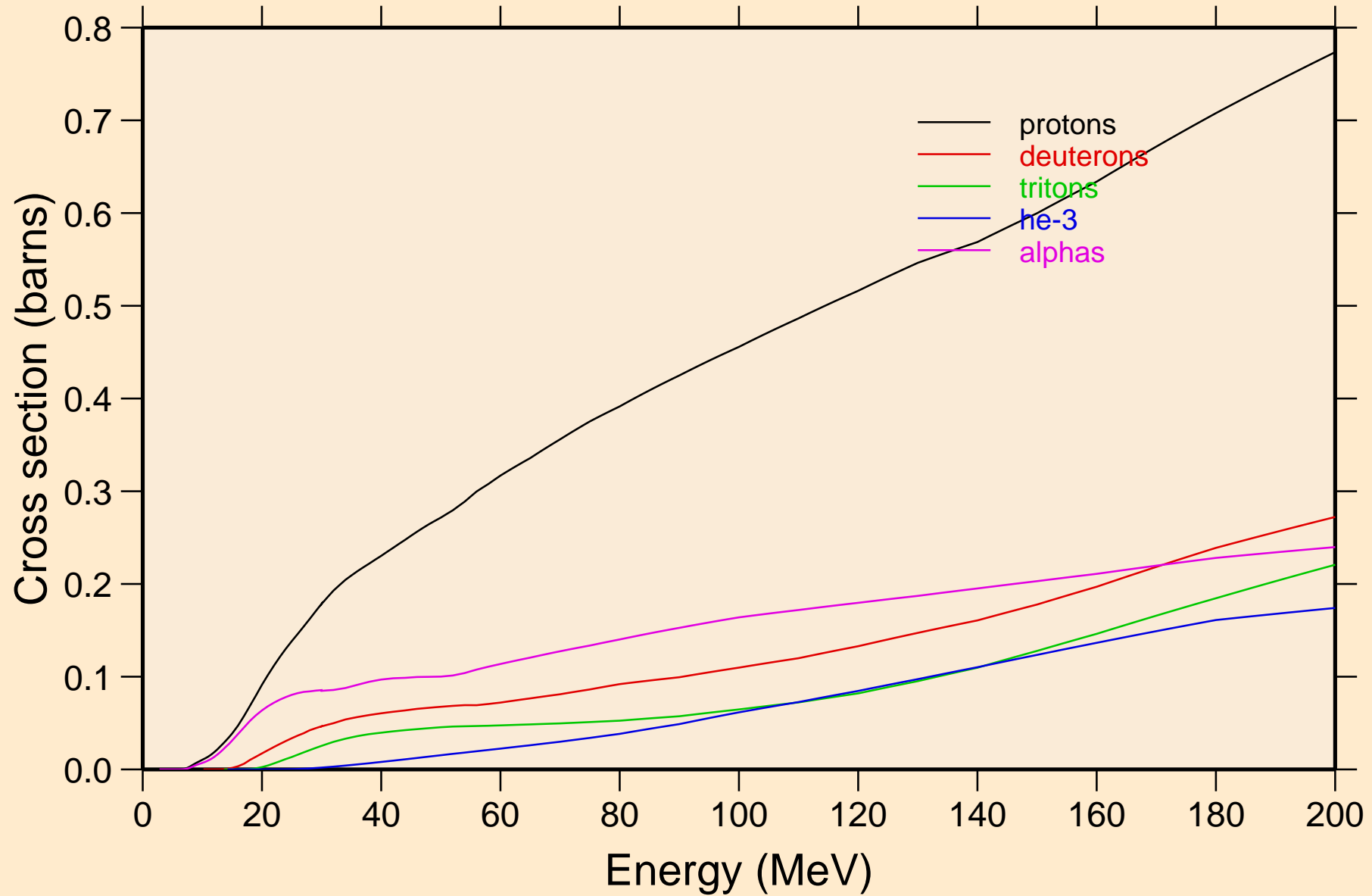
# CA044 NRG TENDL-2015, AKONING

## Recoil Heating

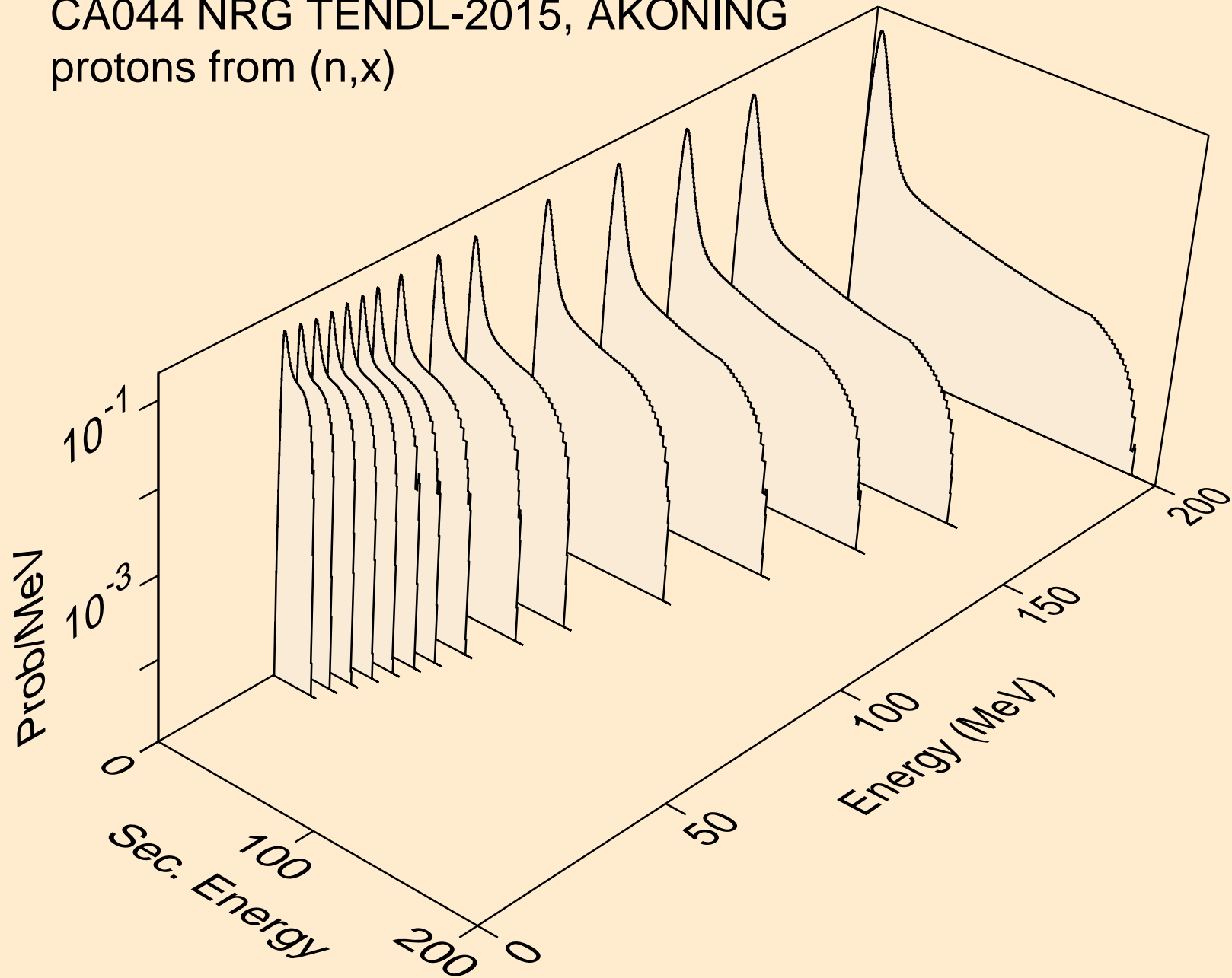


# CA044 NRG TENDL-2015, AKONING

## Particle production cross sections

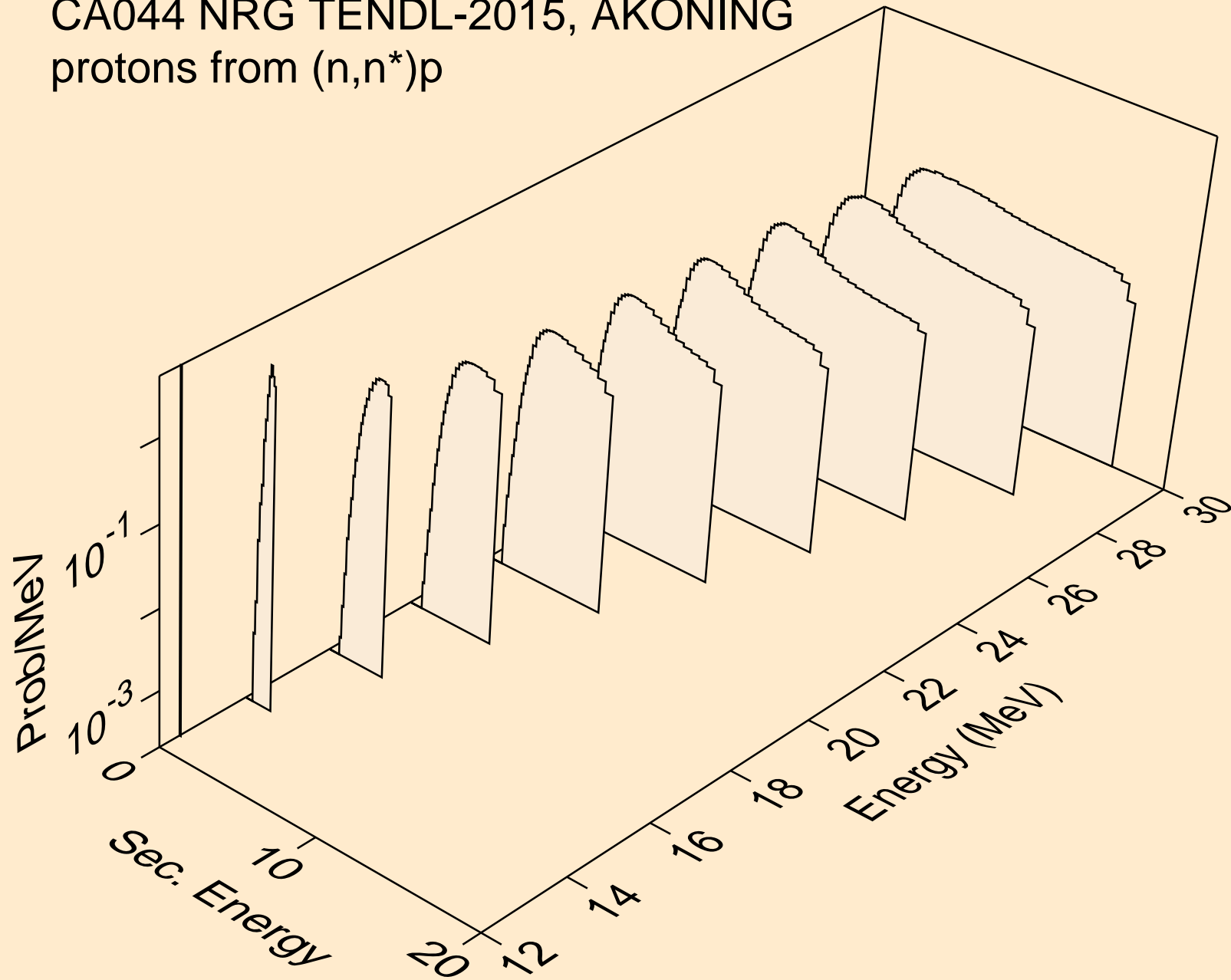


CA044 NRG TENDL-2015, AKONING  
protons from (n,x)

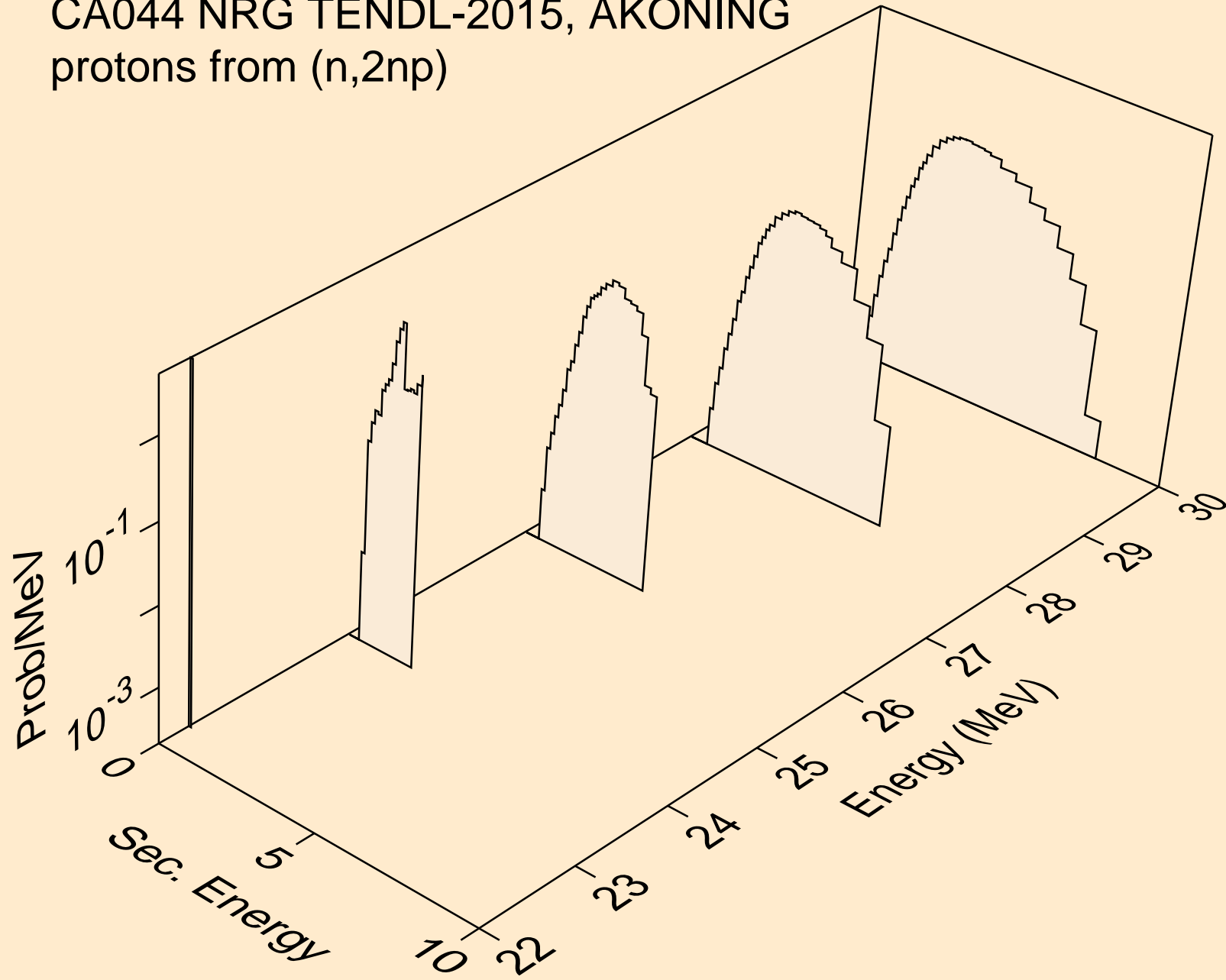




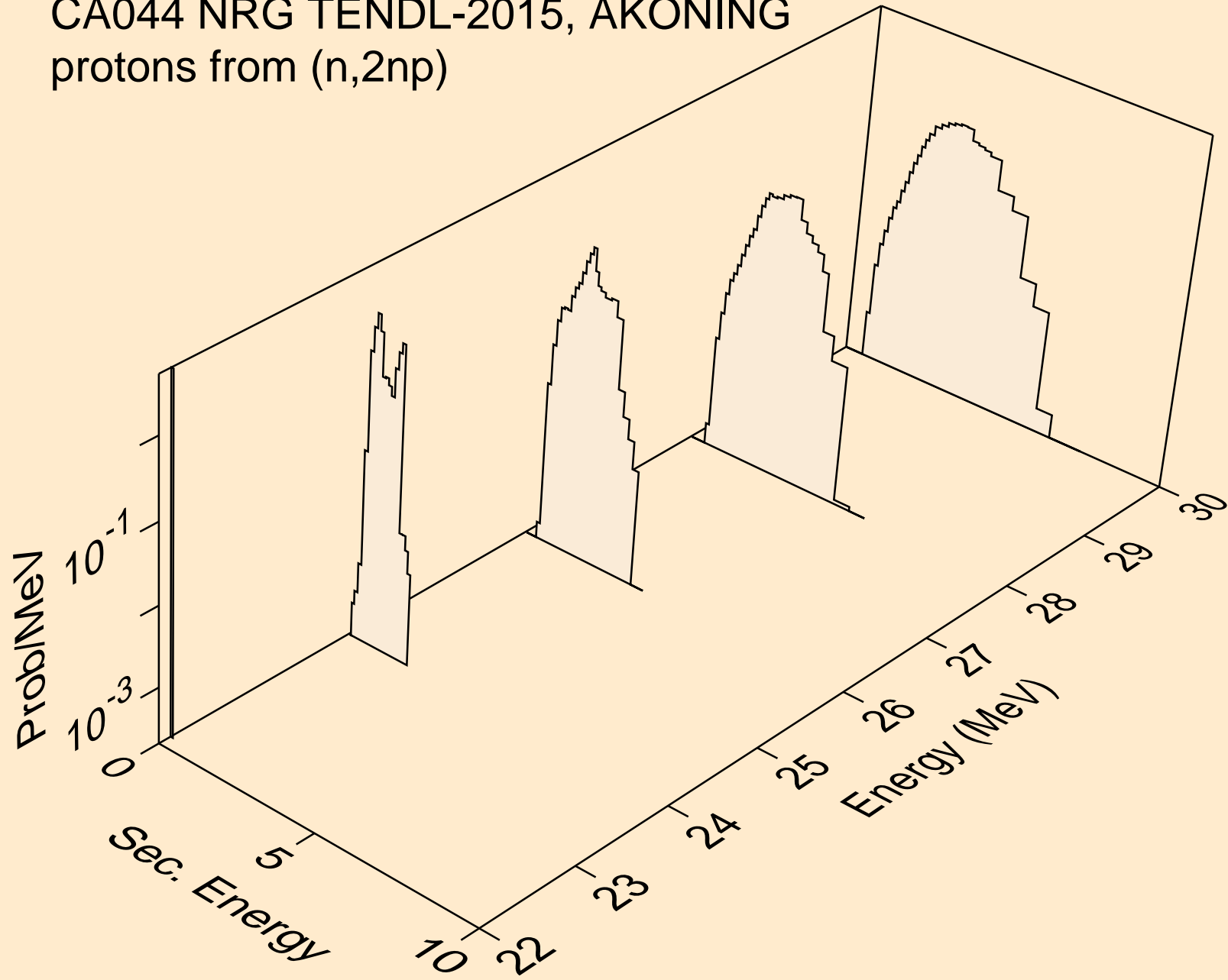
CA044 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



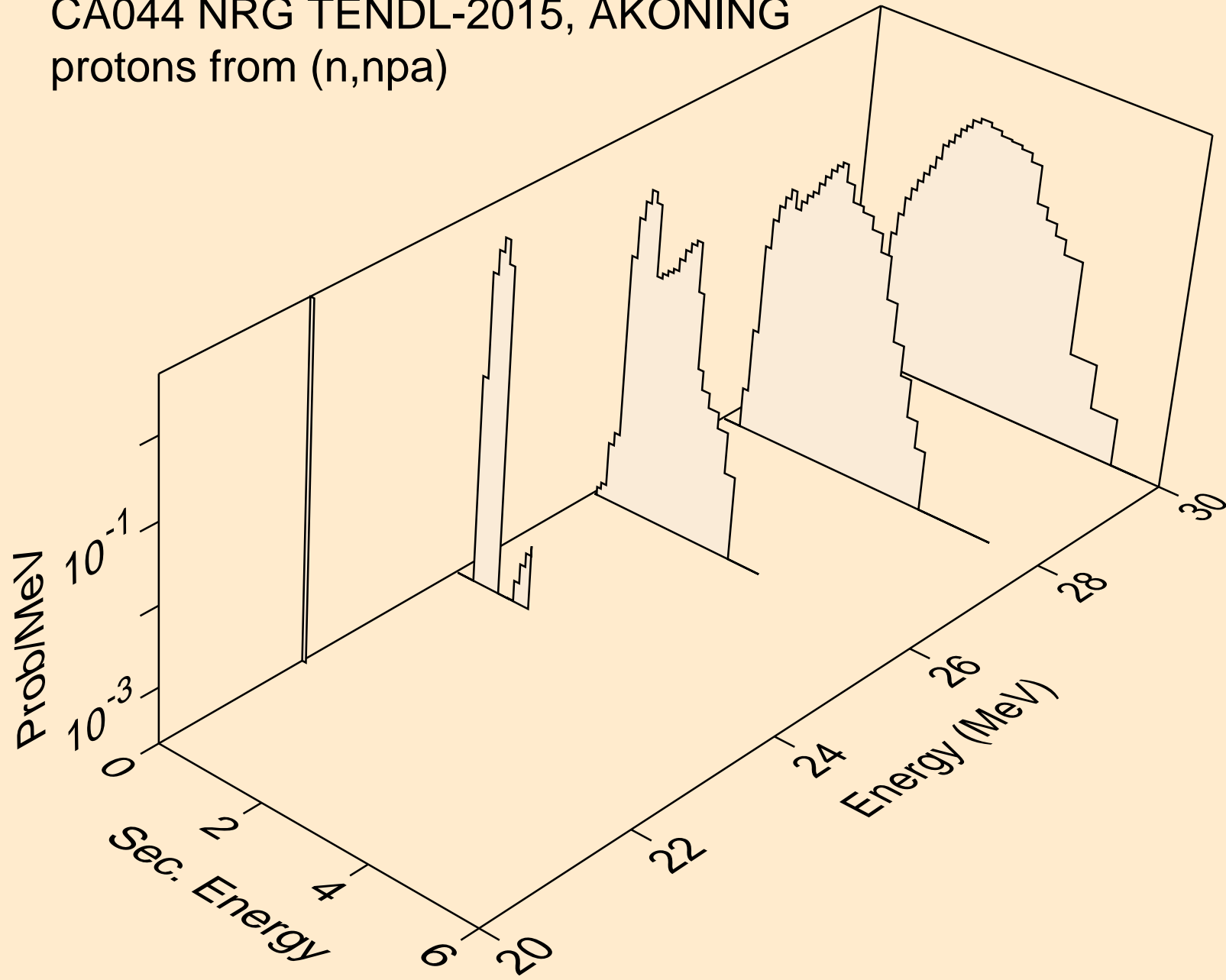
CA044 NRG TENDL-2015, AKONING  
protons from (n,2np)



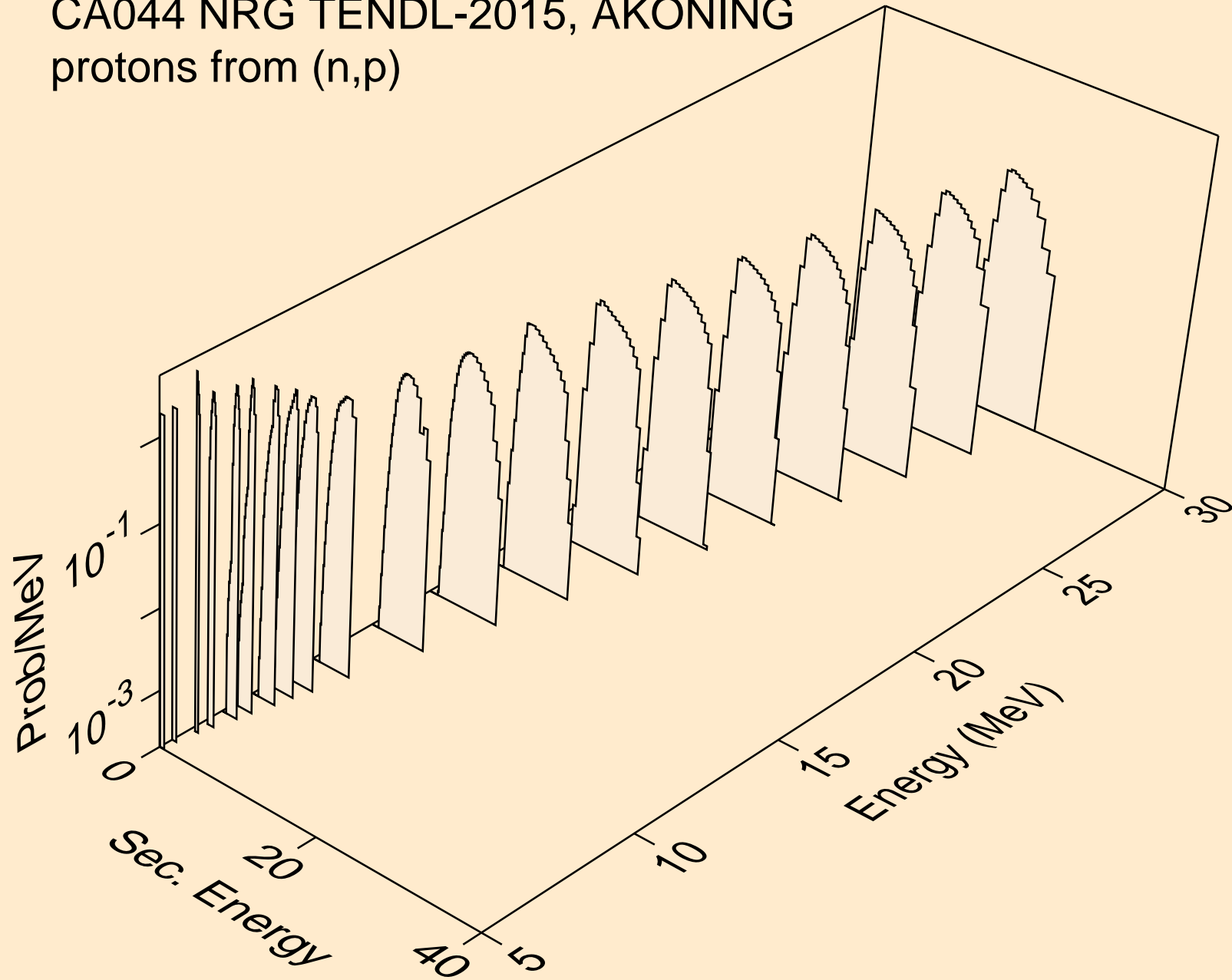
CA044 NRG TENDL-2015, AKONING  
protons from (n,2np)



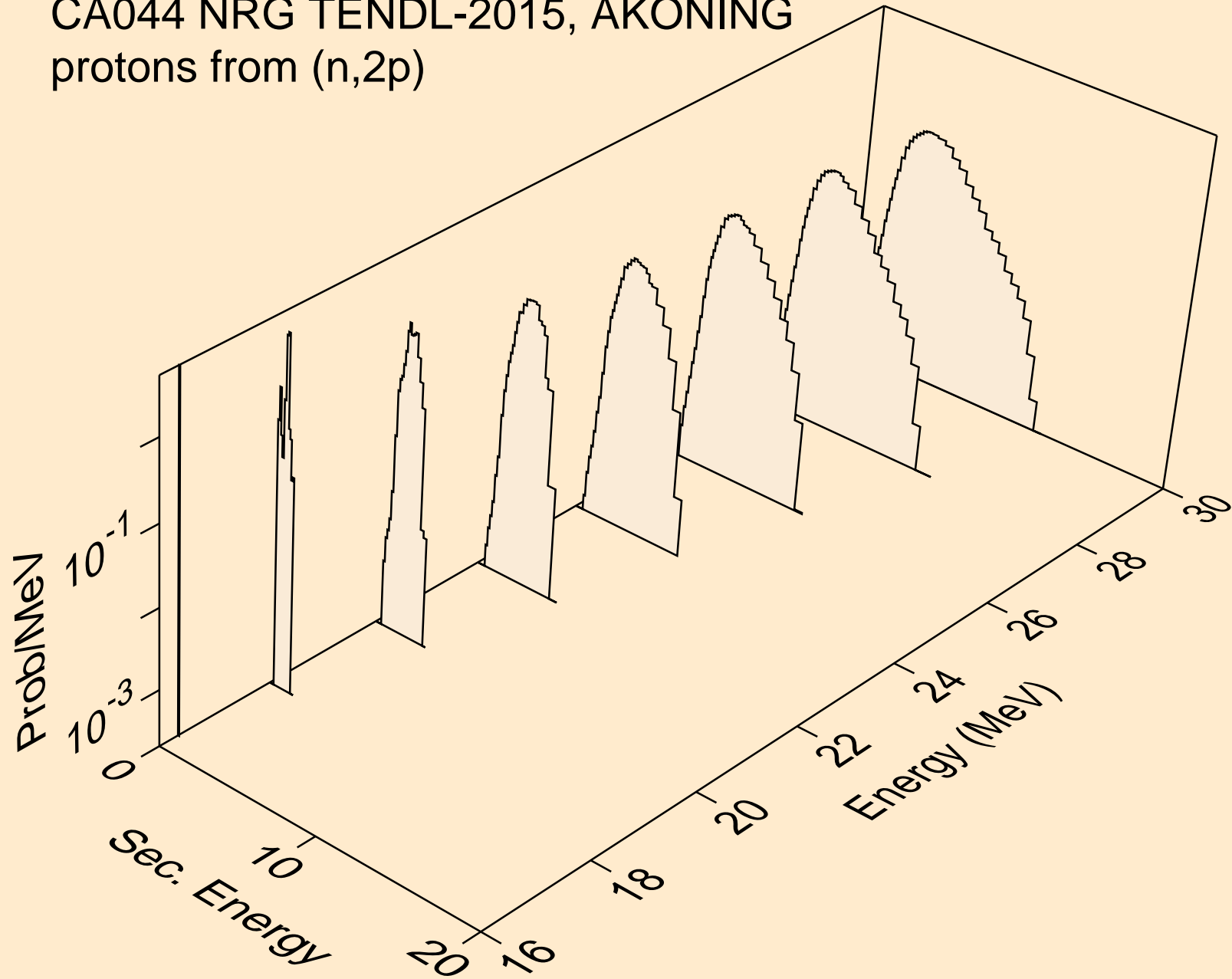
CA044 NRG TENDL-2015, AKONING  
protons from (n,npa)



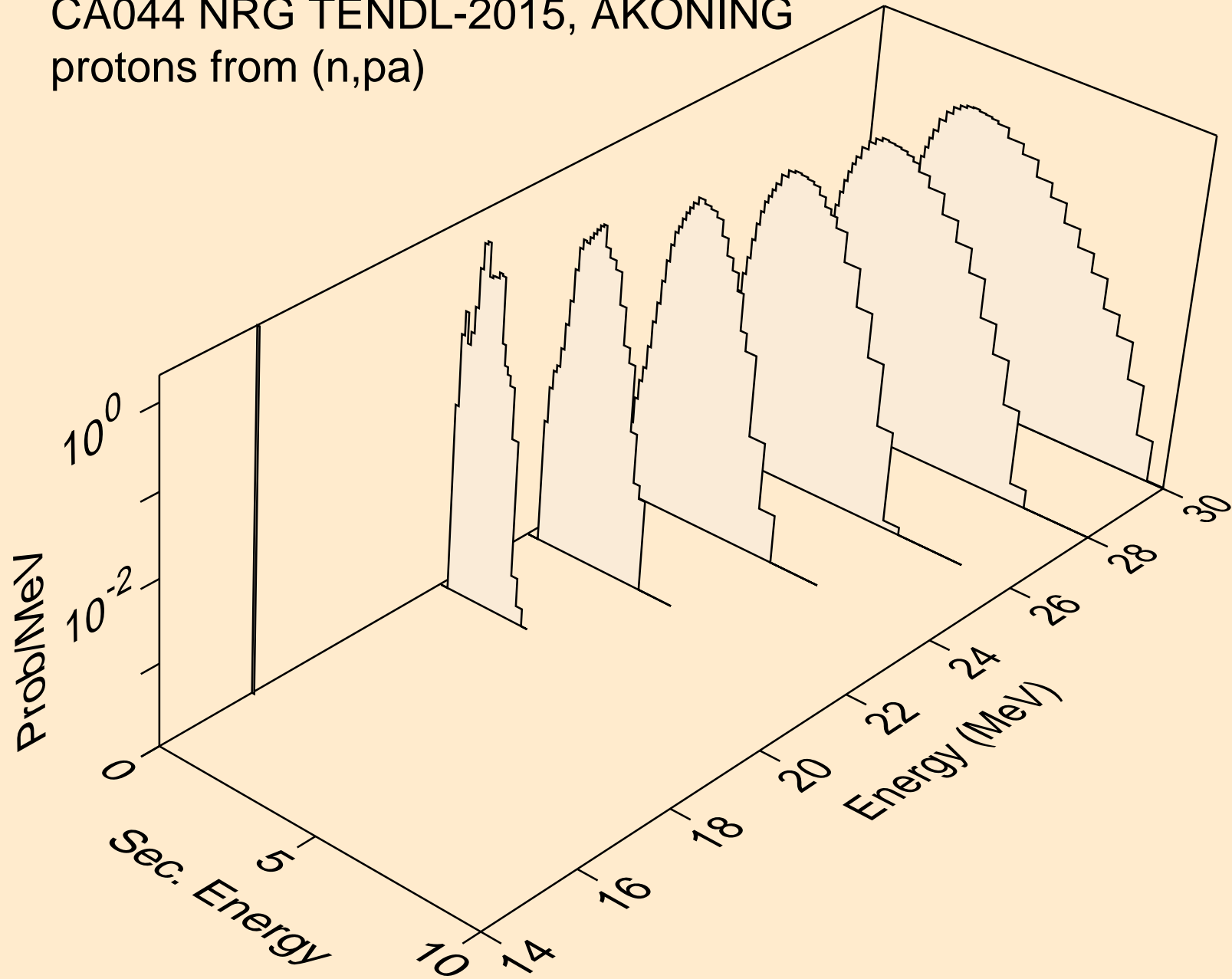
CA044 NRG TENDL-2015, AKONING  
protons from (n,p)



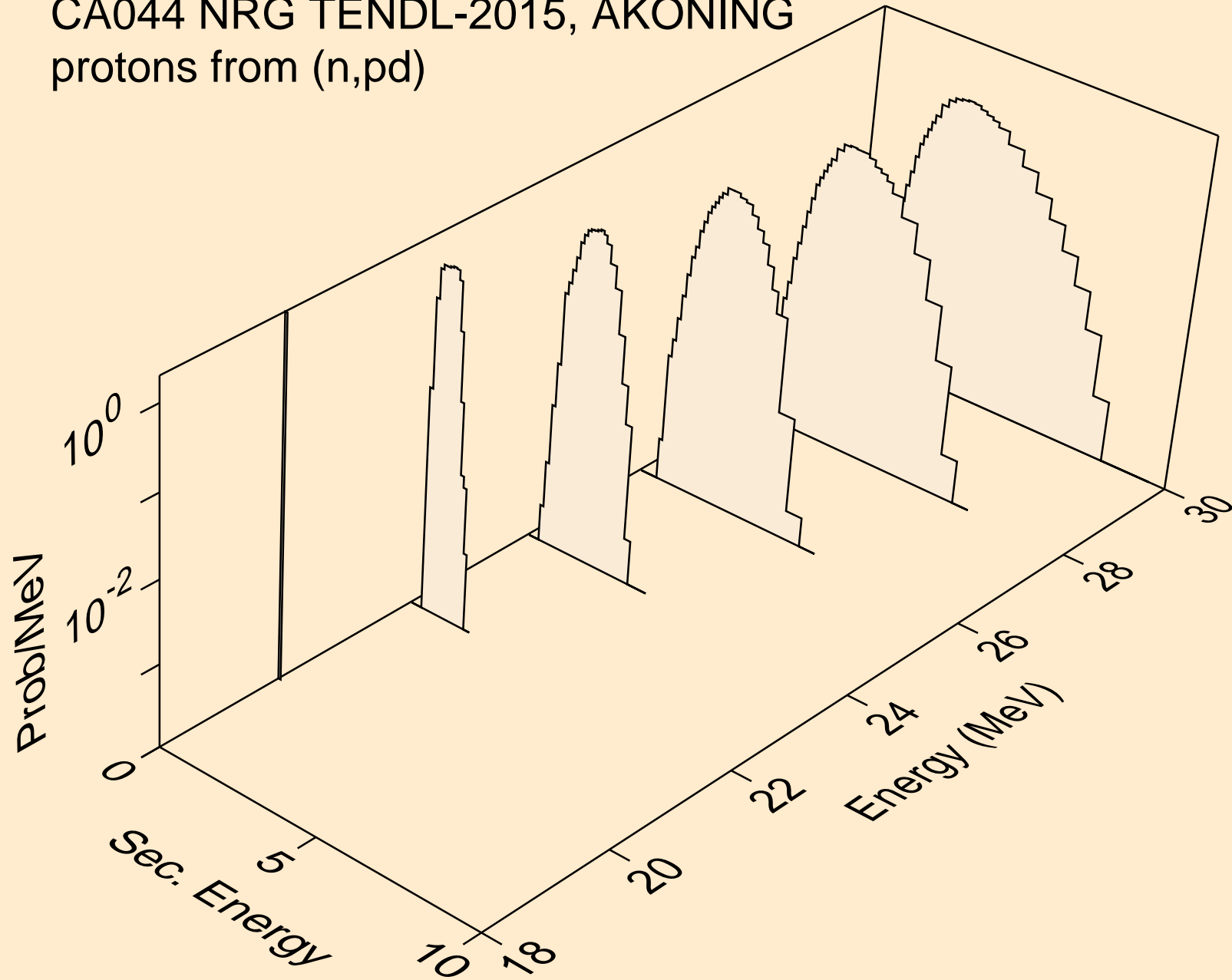
CA044 NRG TENDL-2015, AKONING  
protons from (n,2p)



CA044 NRG TENDL-2015, AKONING  
protons from (n,pa)

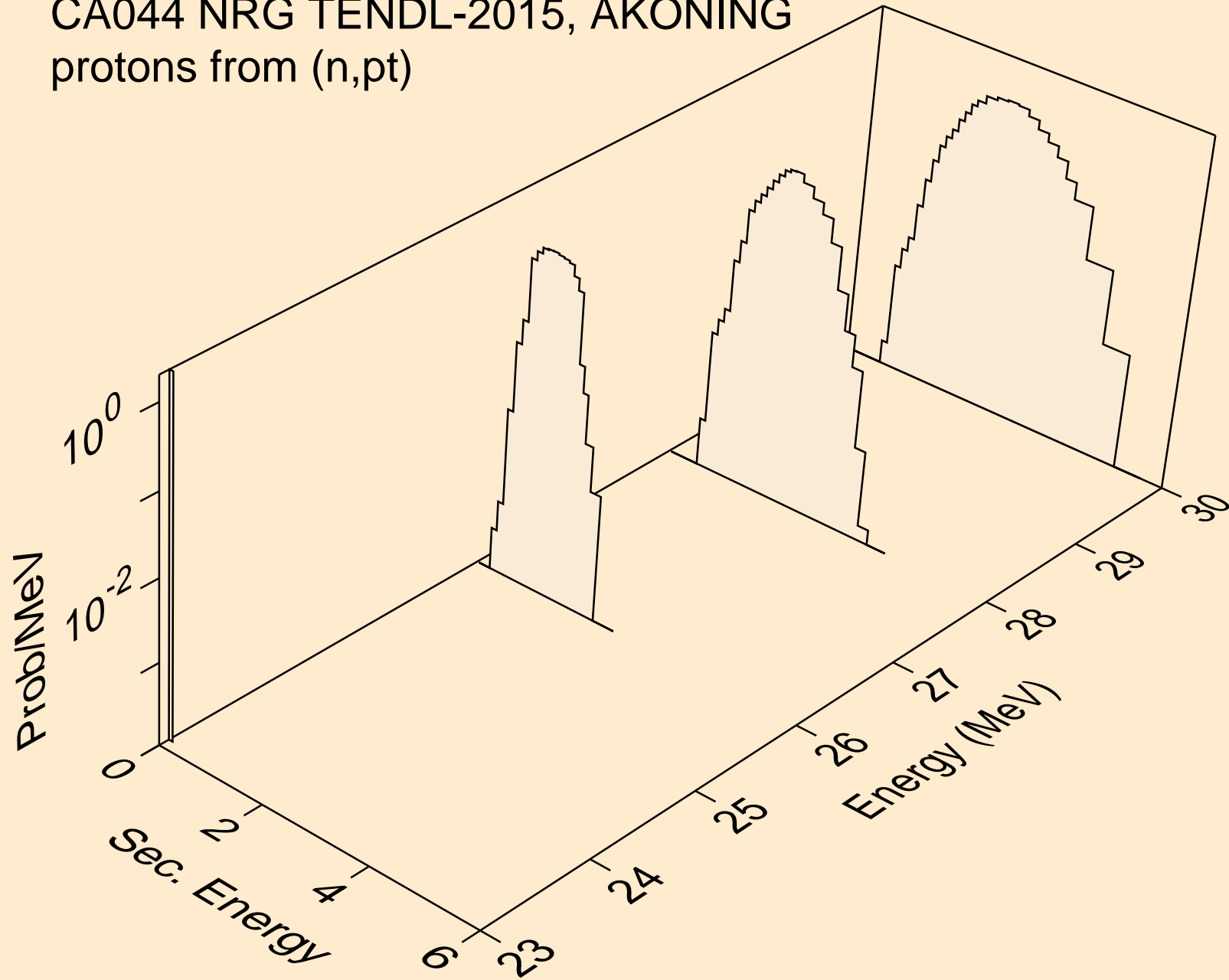


CA044 NRG TENDL-2015, AKONING  
protons from (n,pd)

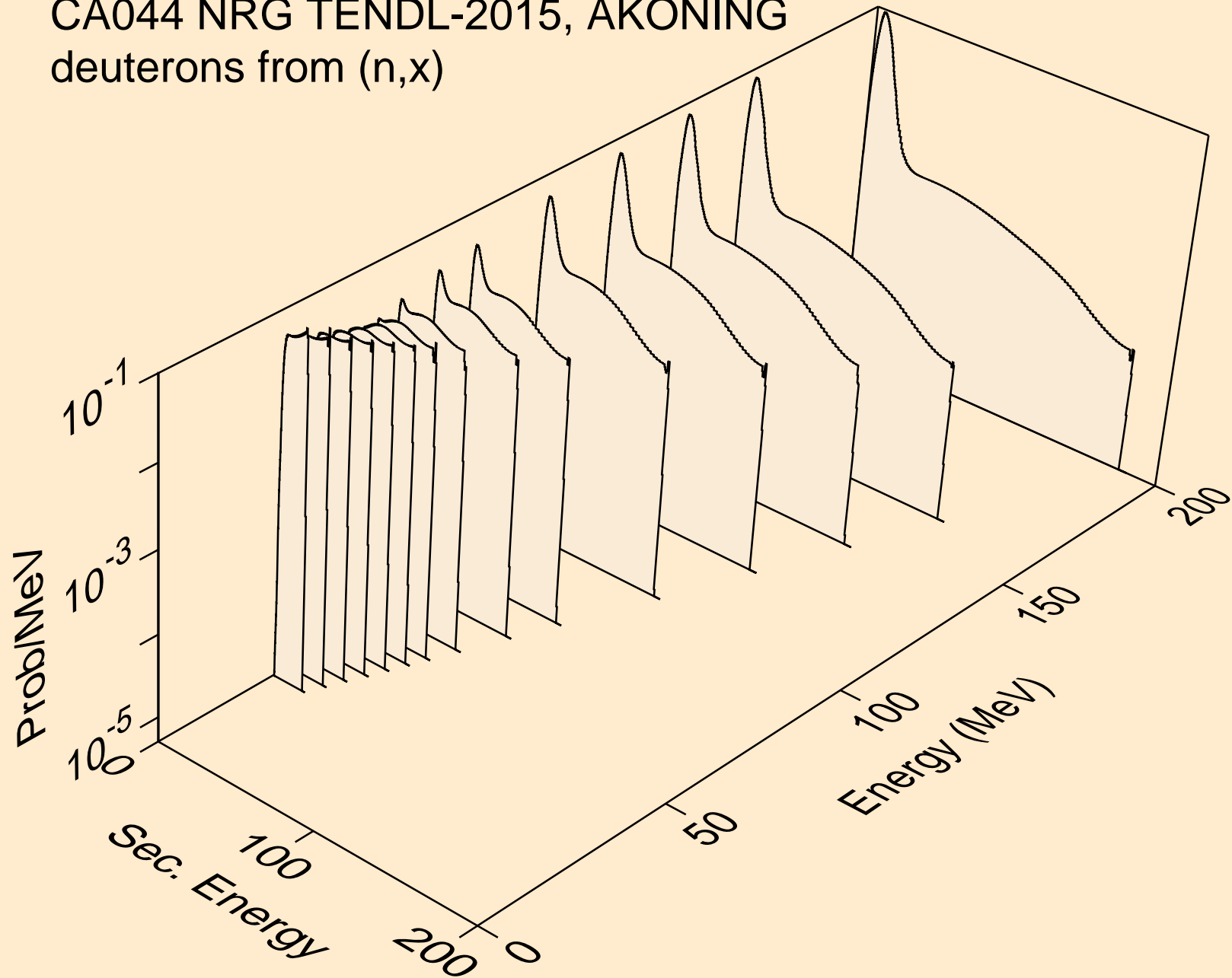




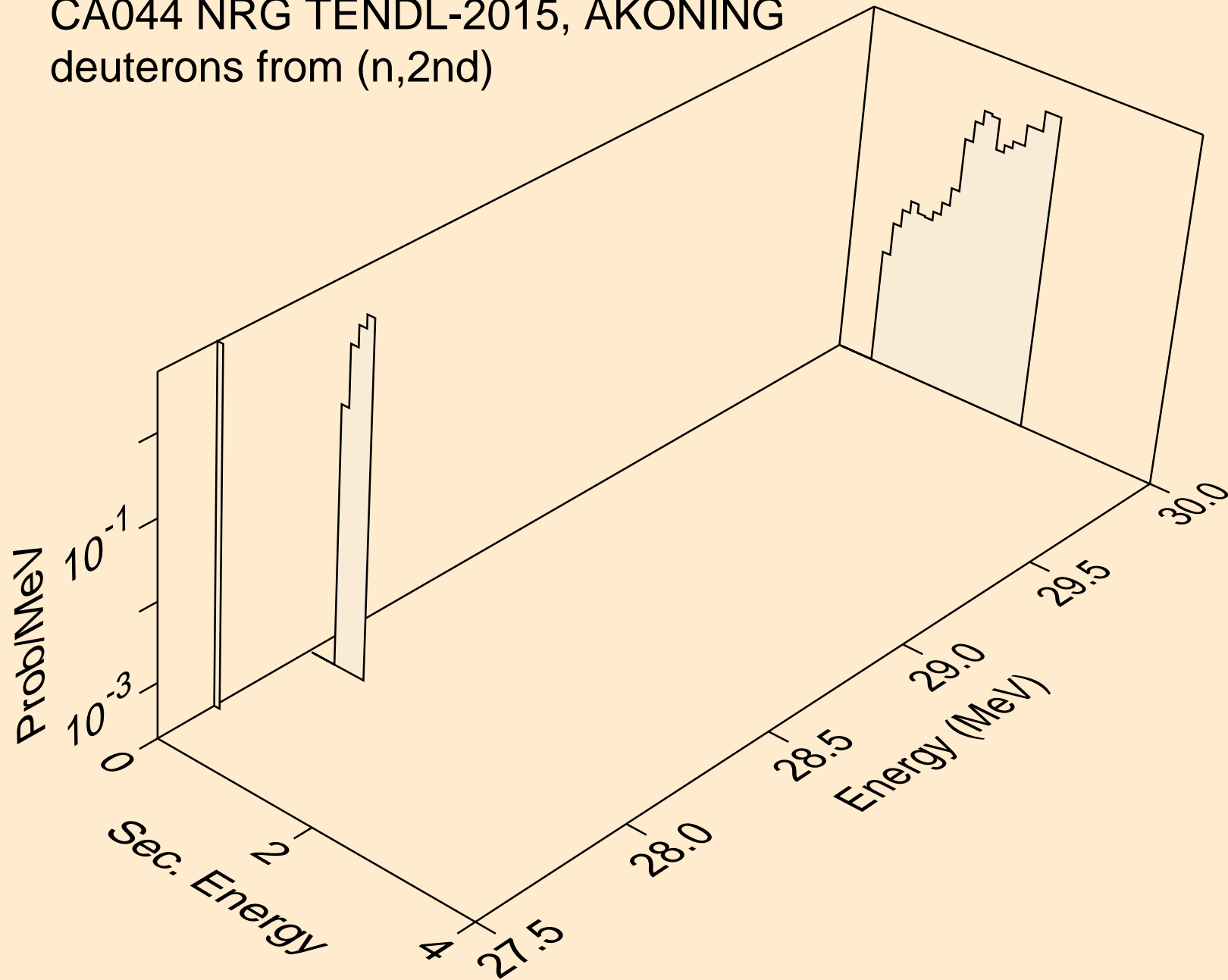
CA044 NRG TENDL-2015, AKONING  
protons from (n,pt)



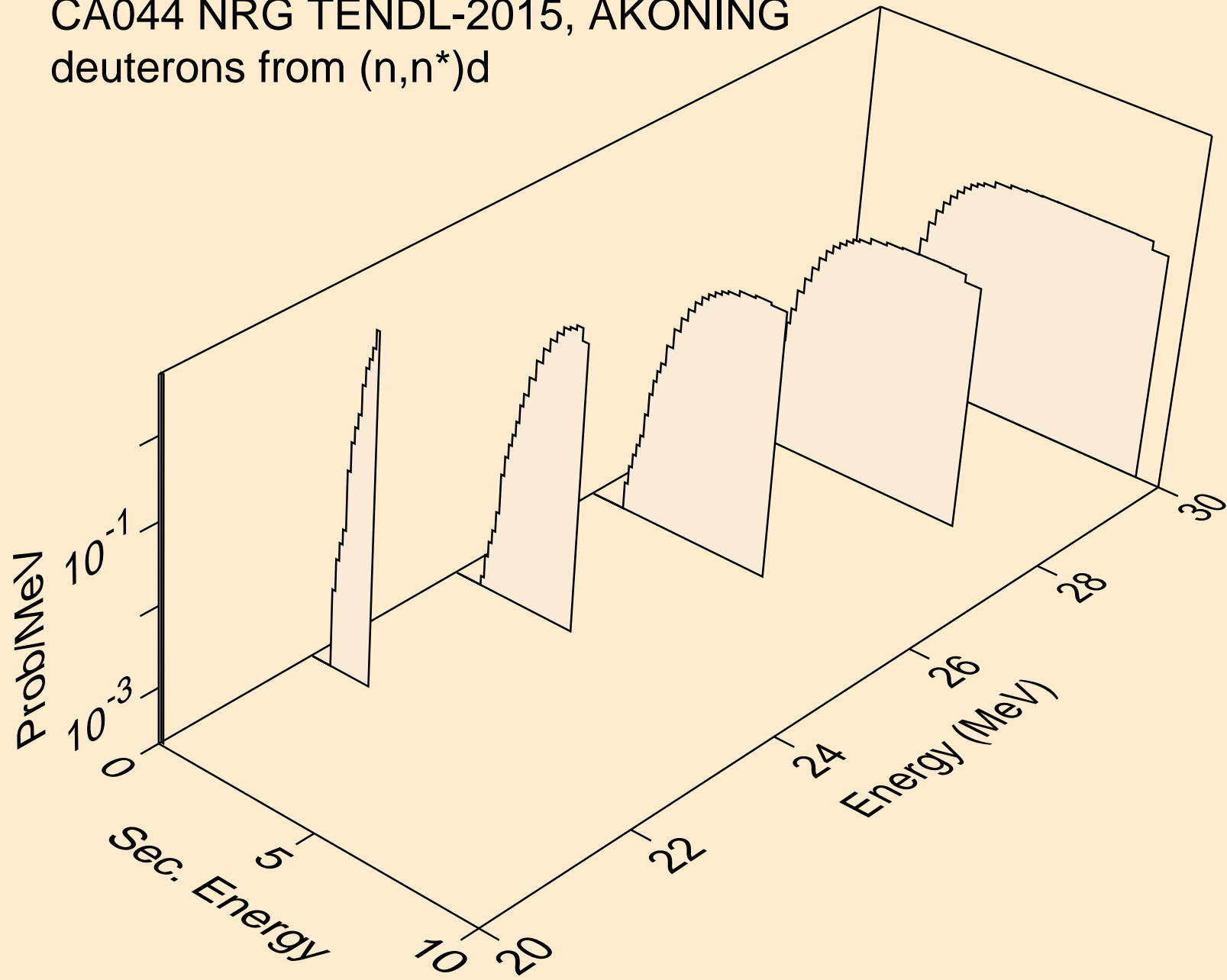
CA044 NRG TENDL-2015, AKONING  
deuterons from (n,x)



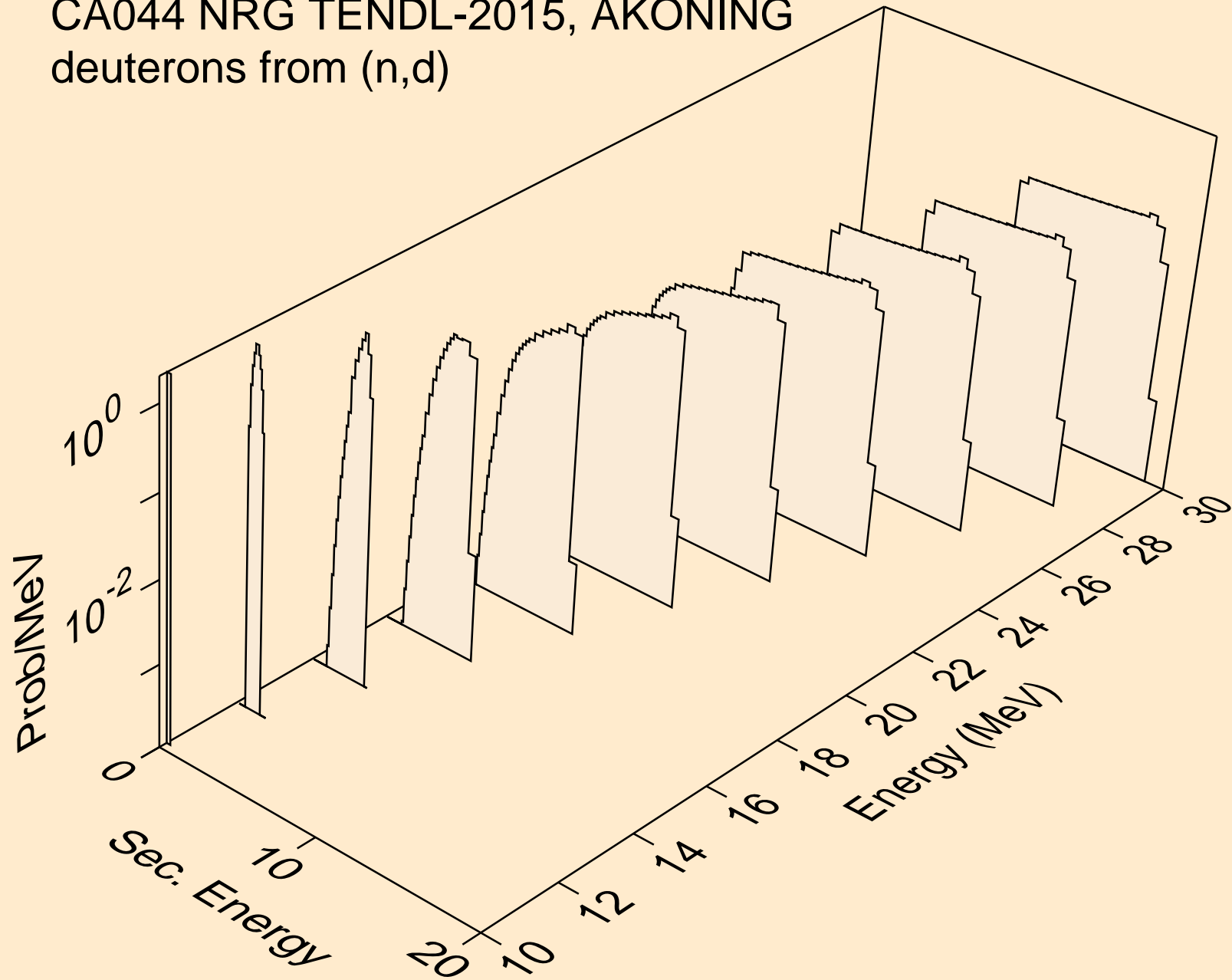
CA044 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



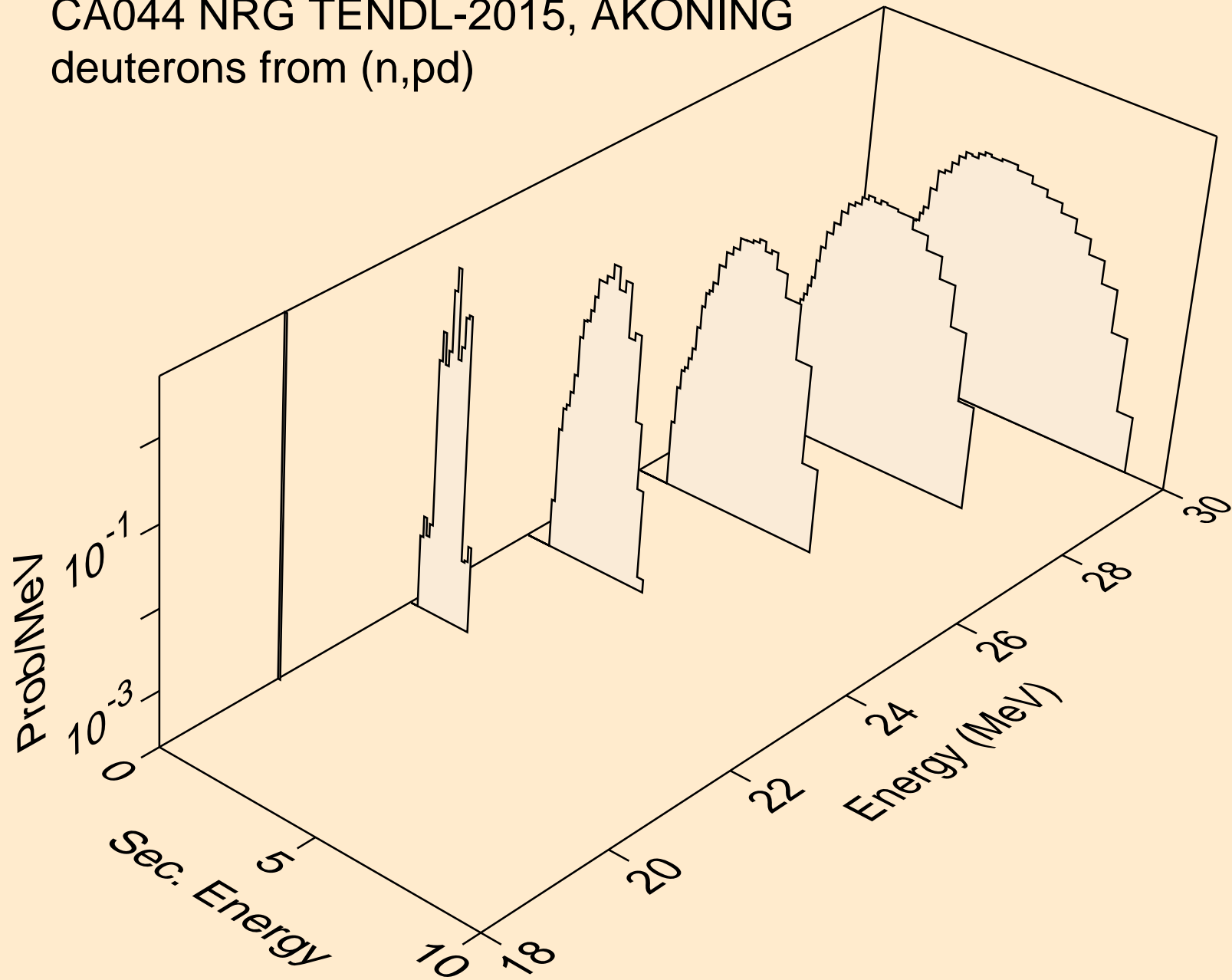
CA044 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



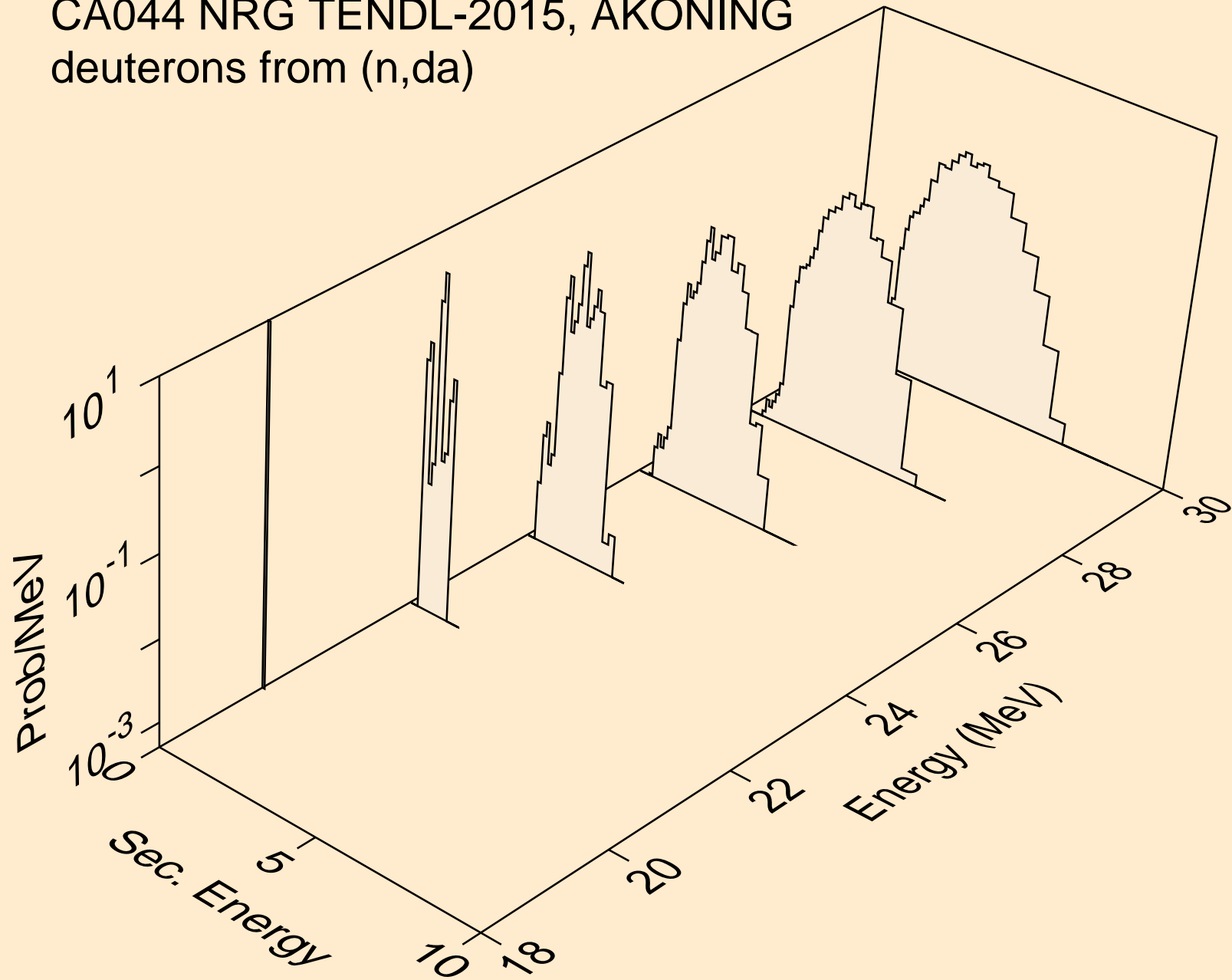
CA044 NRG TENDL-2015, AKONING  
deuterons from (n,d)



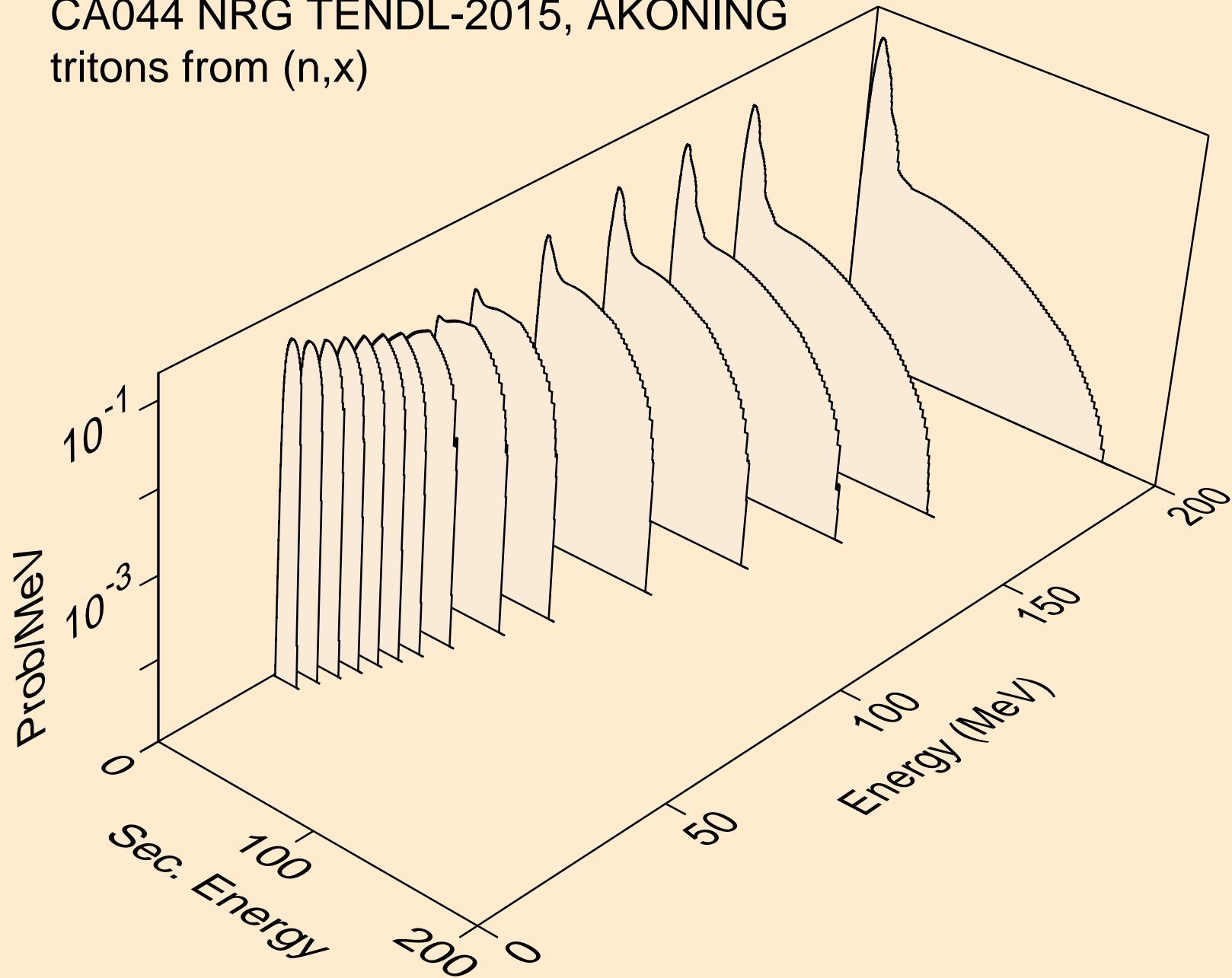
CA044 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



CA044 NRG TENDL-2015, AKONING  
deuterons from (n,da)

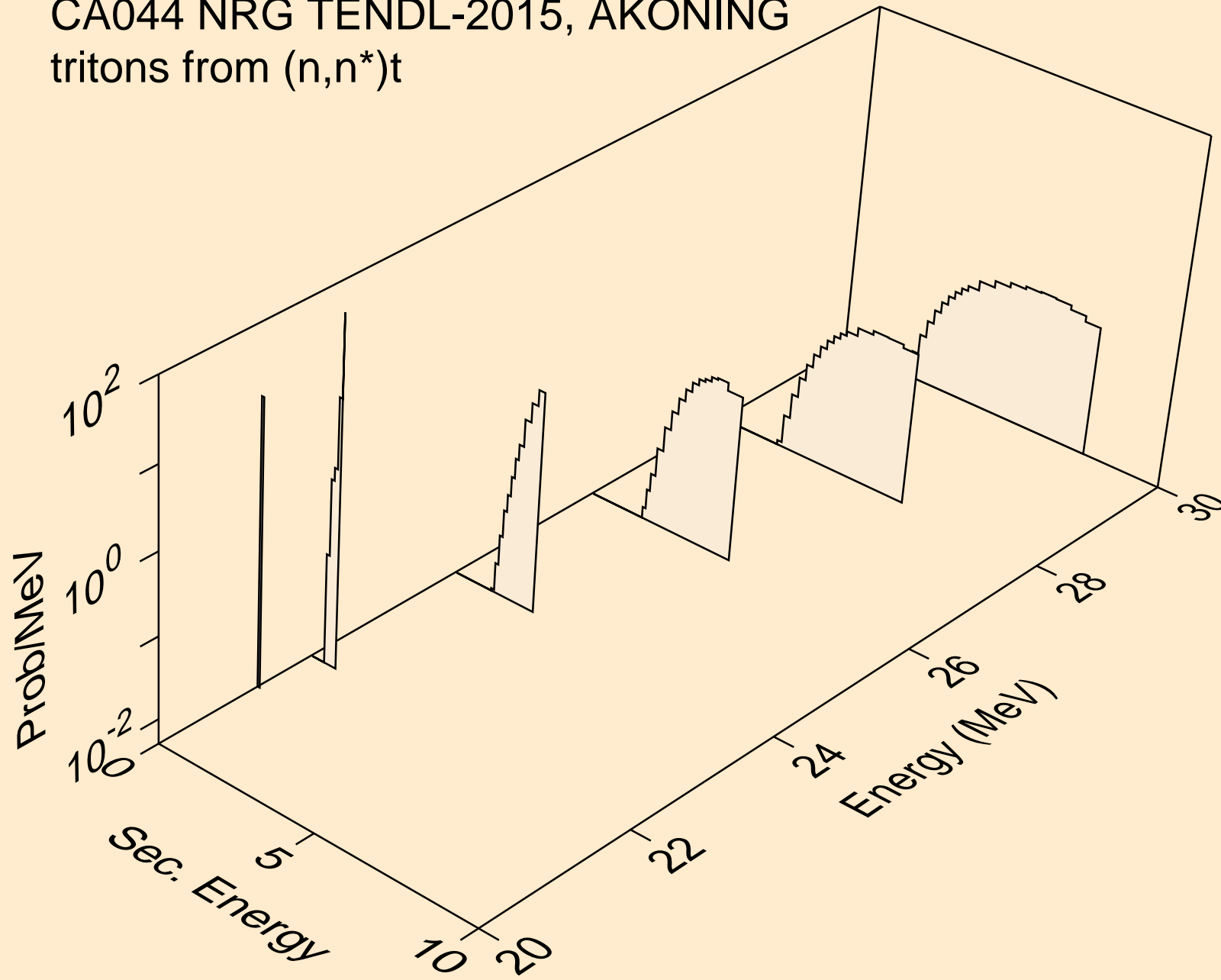


CA044 NRG TENDL-2015, AKONING  
tritons from (n,x)

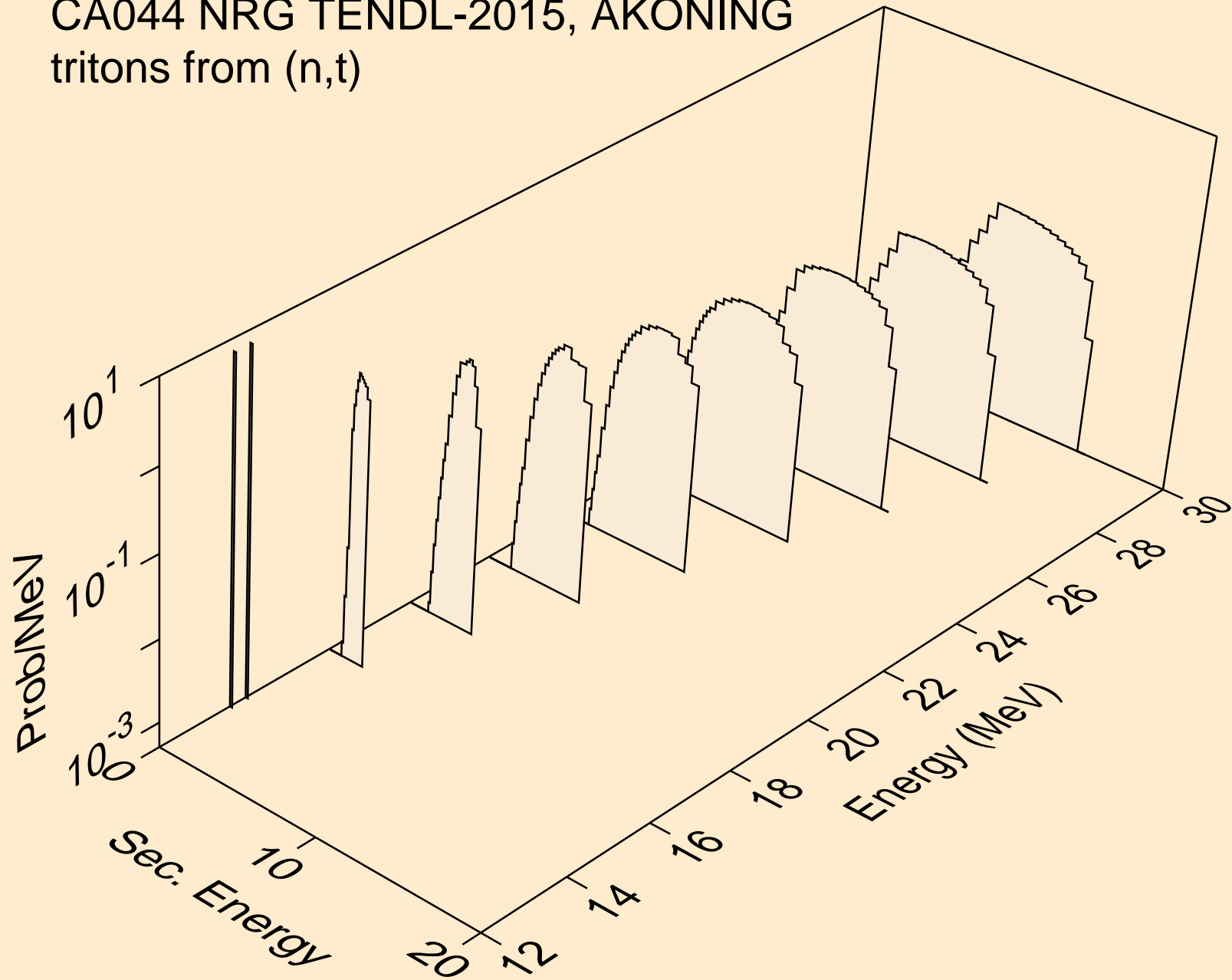




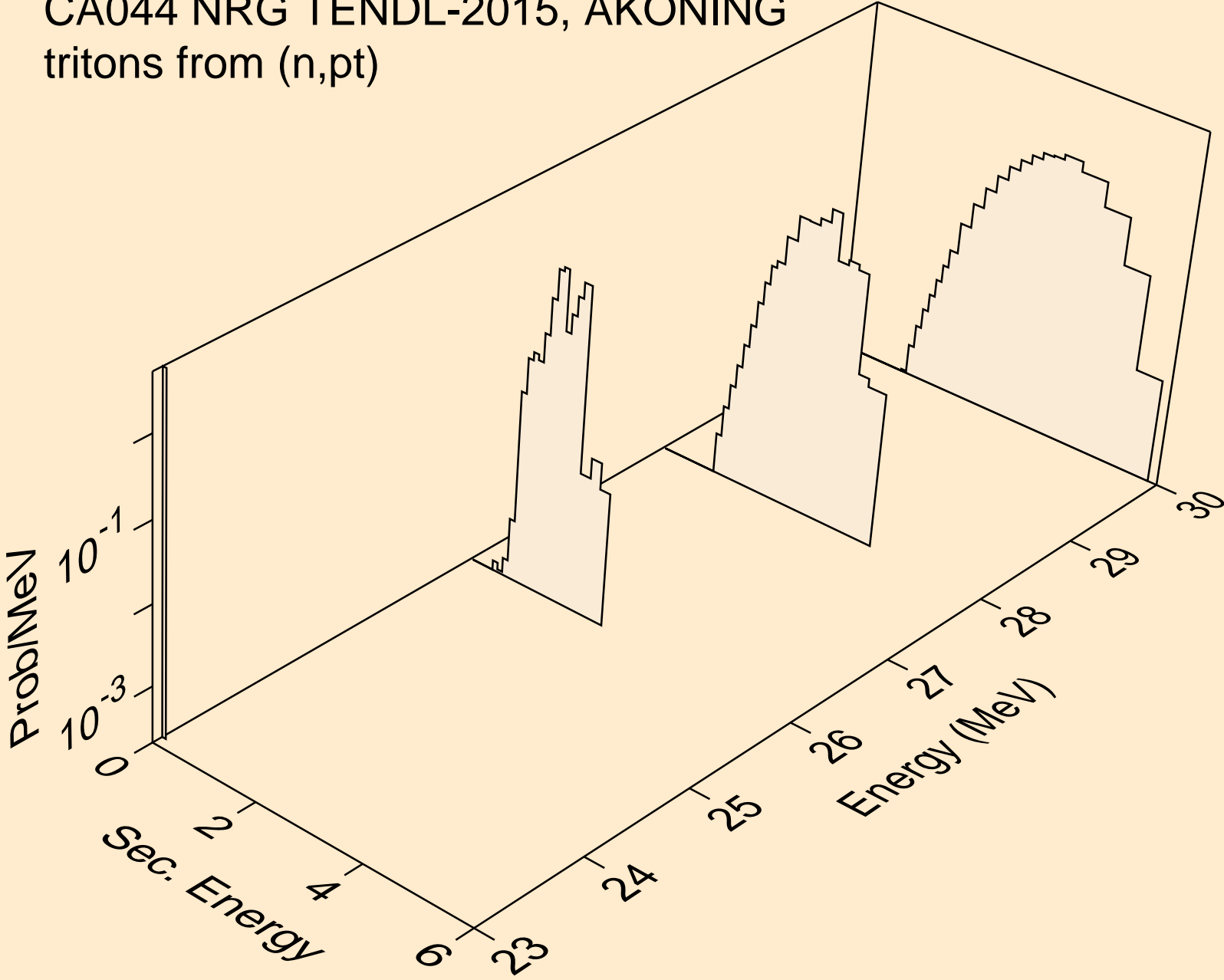
CA044 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



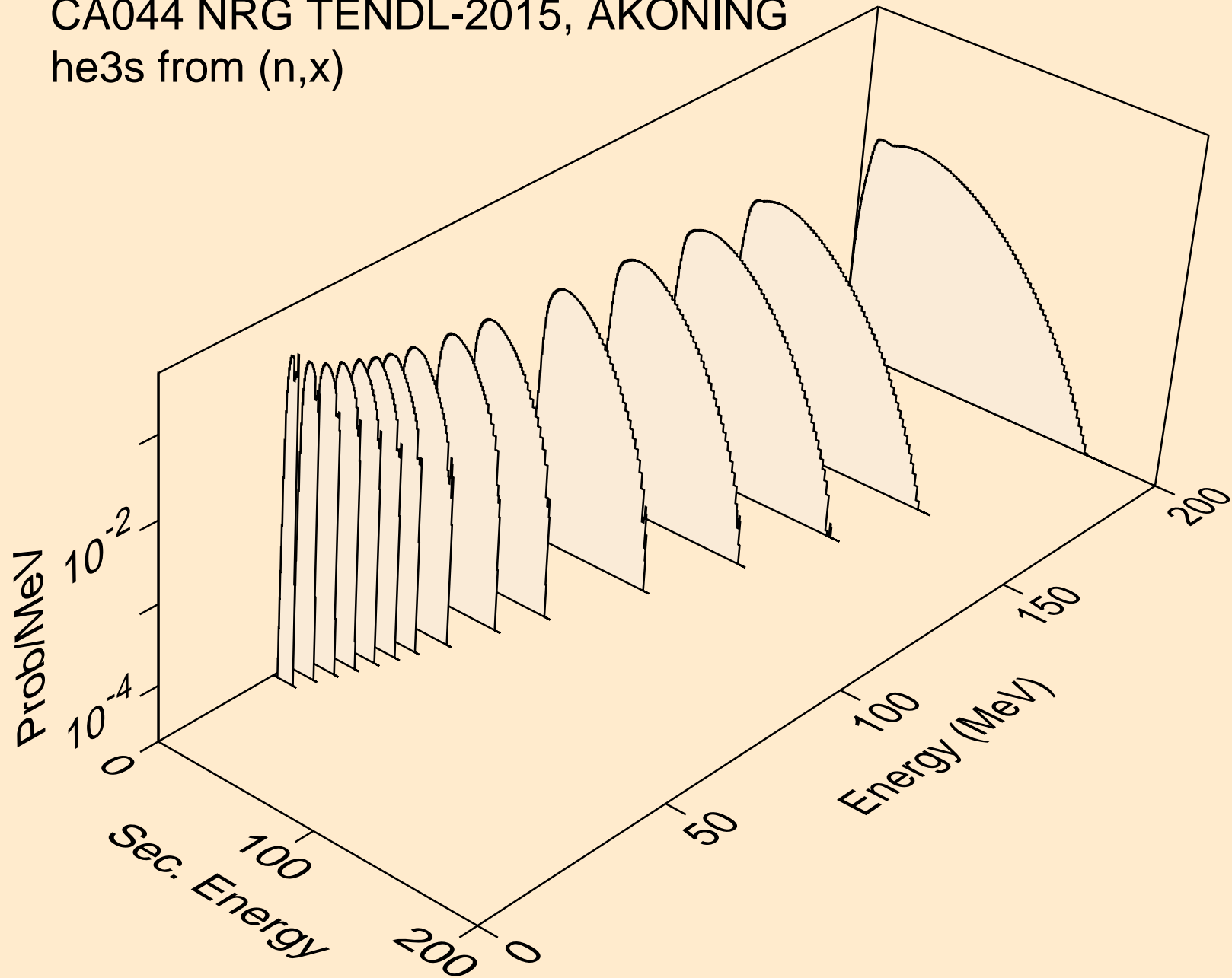
CA044 NRG TENDL-2015, AKONING  
tritons from (n,t)



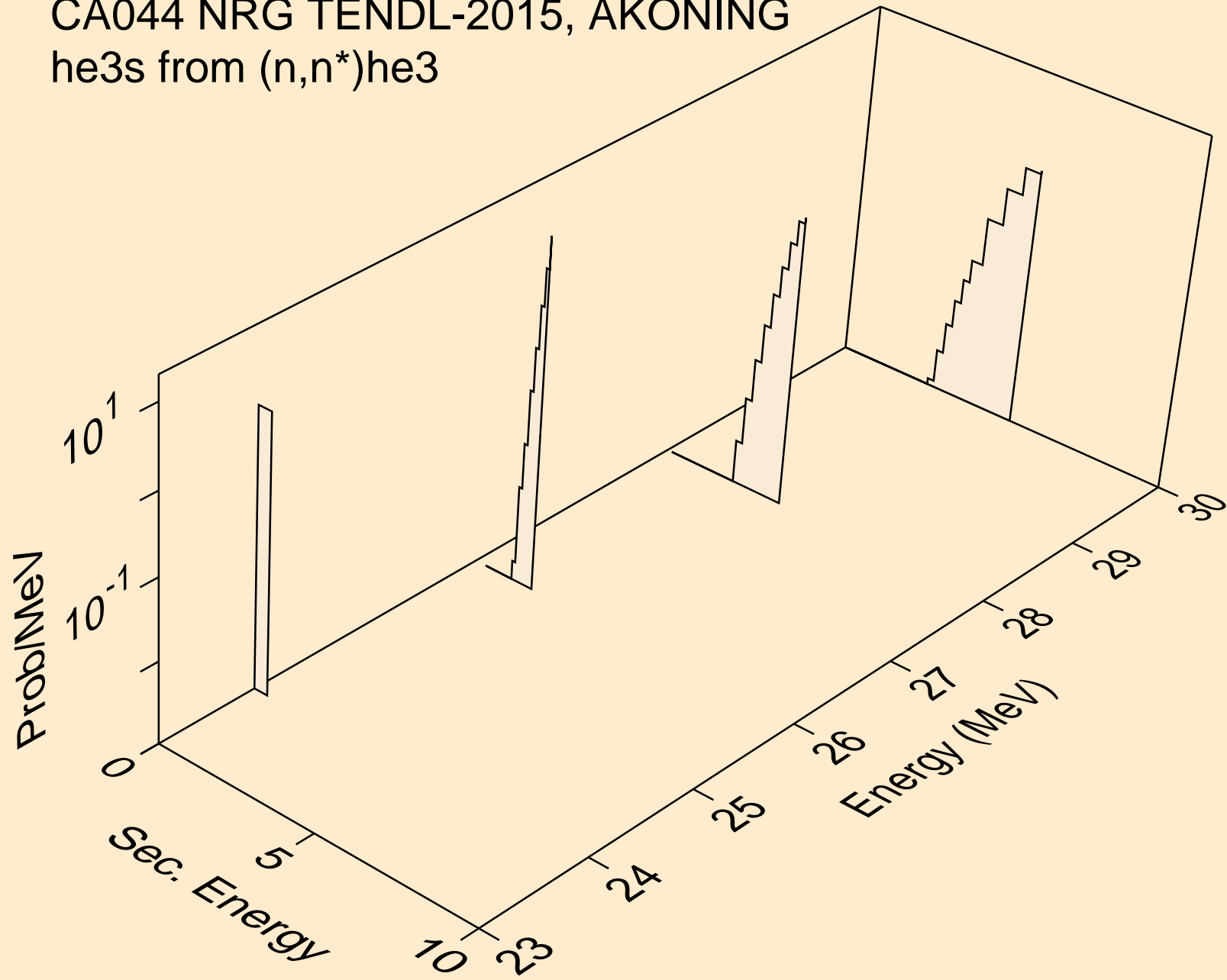
CA044 NRG TENDL-2015, AKONING  
tritons from (n,pt)



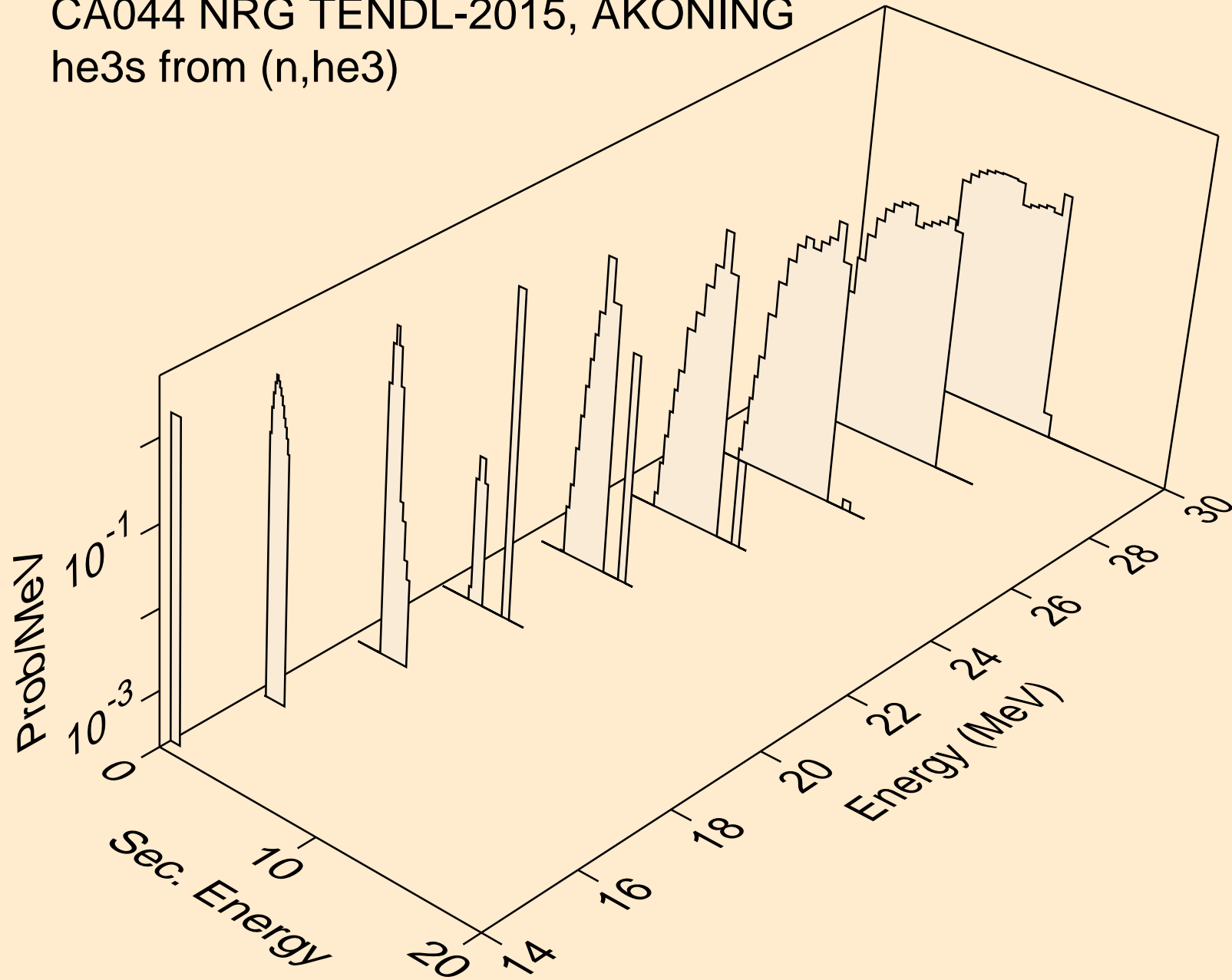
CA044 NRG TENDL-2015, AKONING  
he3s from (n,x)



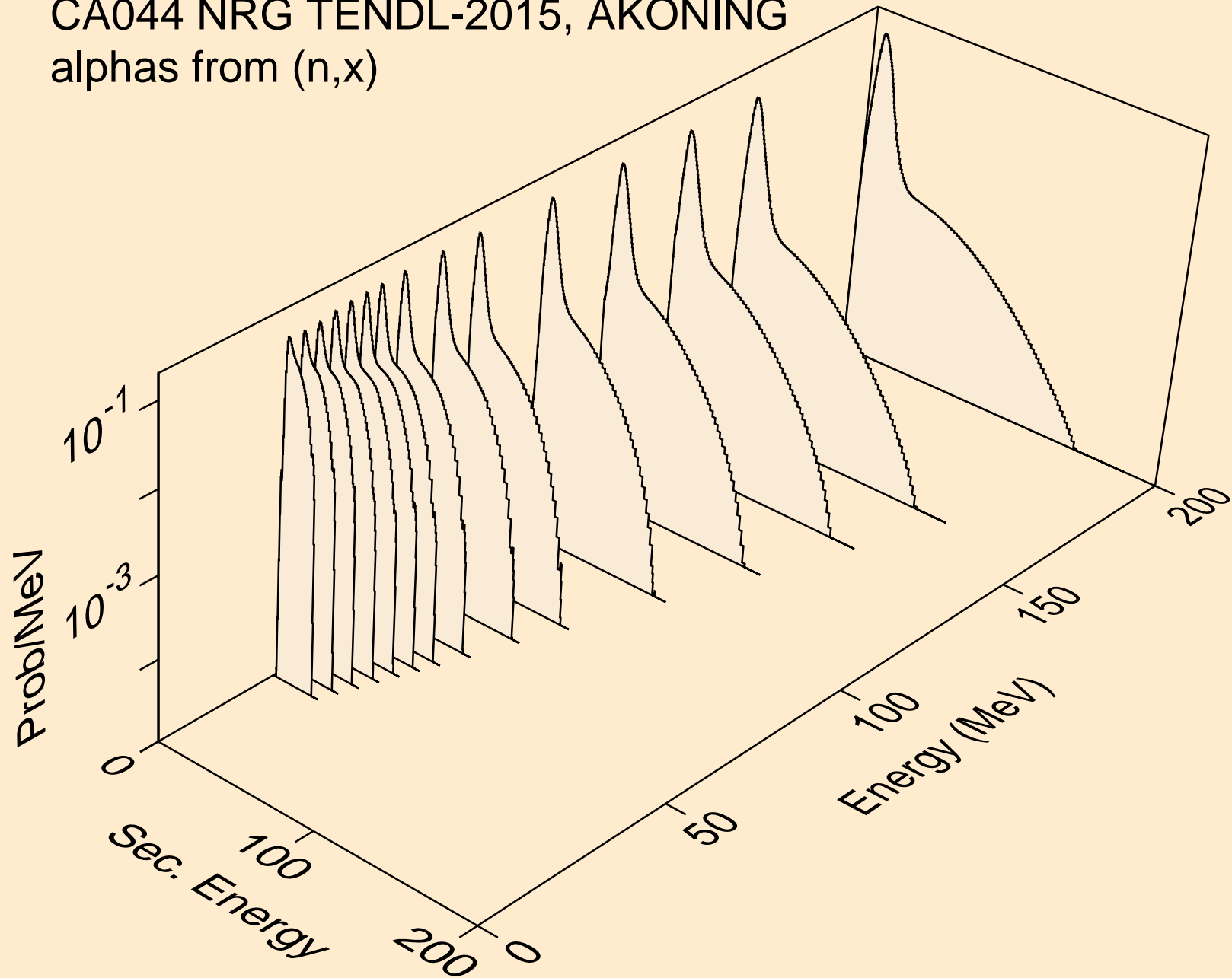
CA044 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



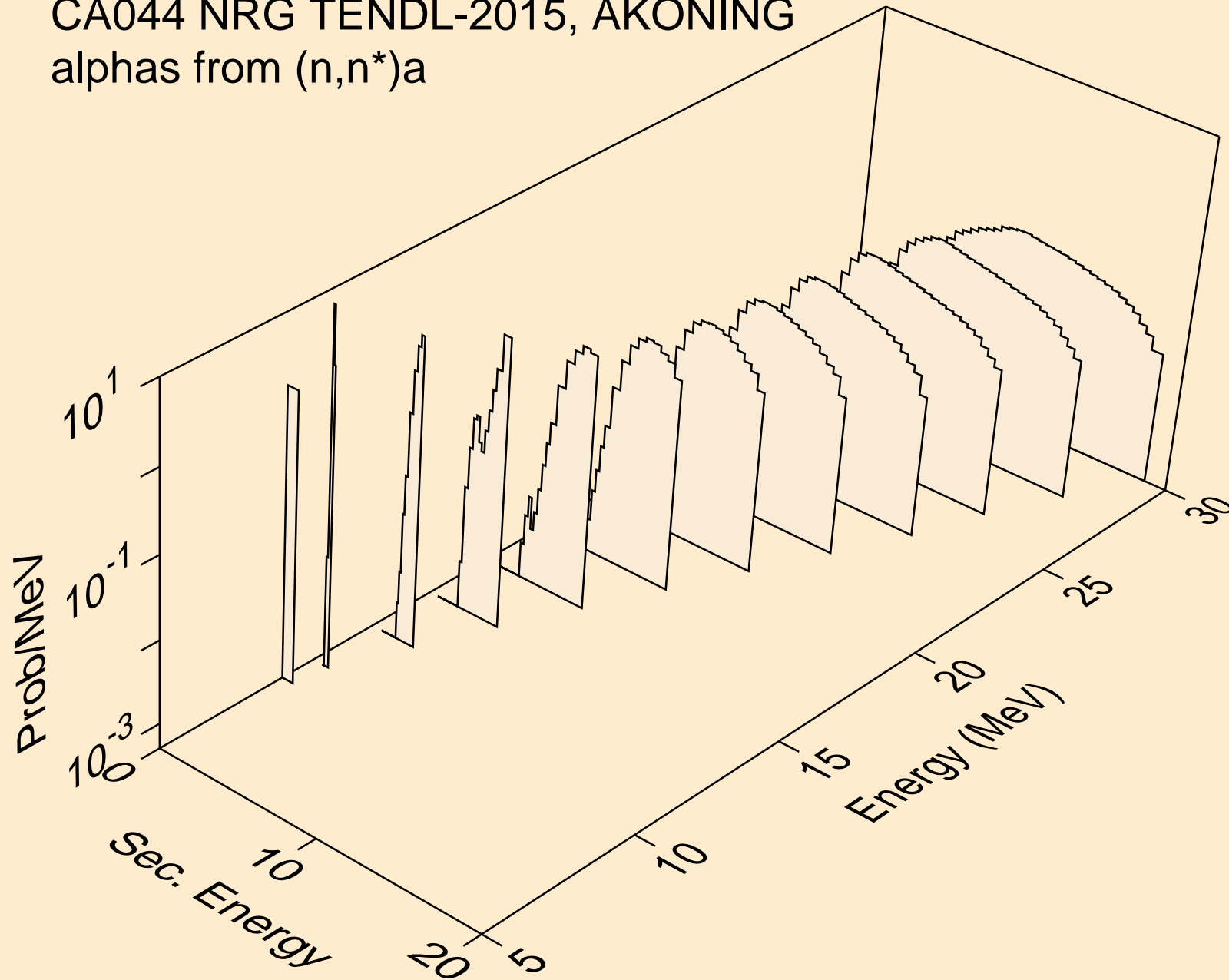
CA044 NRG TENDL-2015, AKONING  
he3s from (n,he3)



CA044 NRG TENDL-2015, AKONING  
alphas from (n,x)

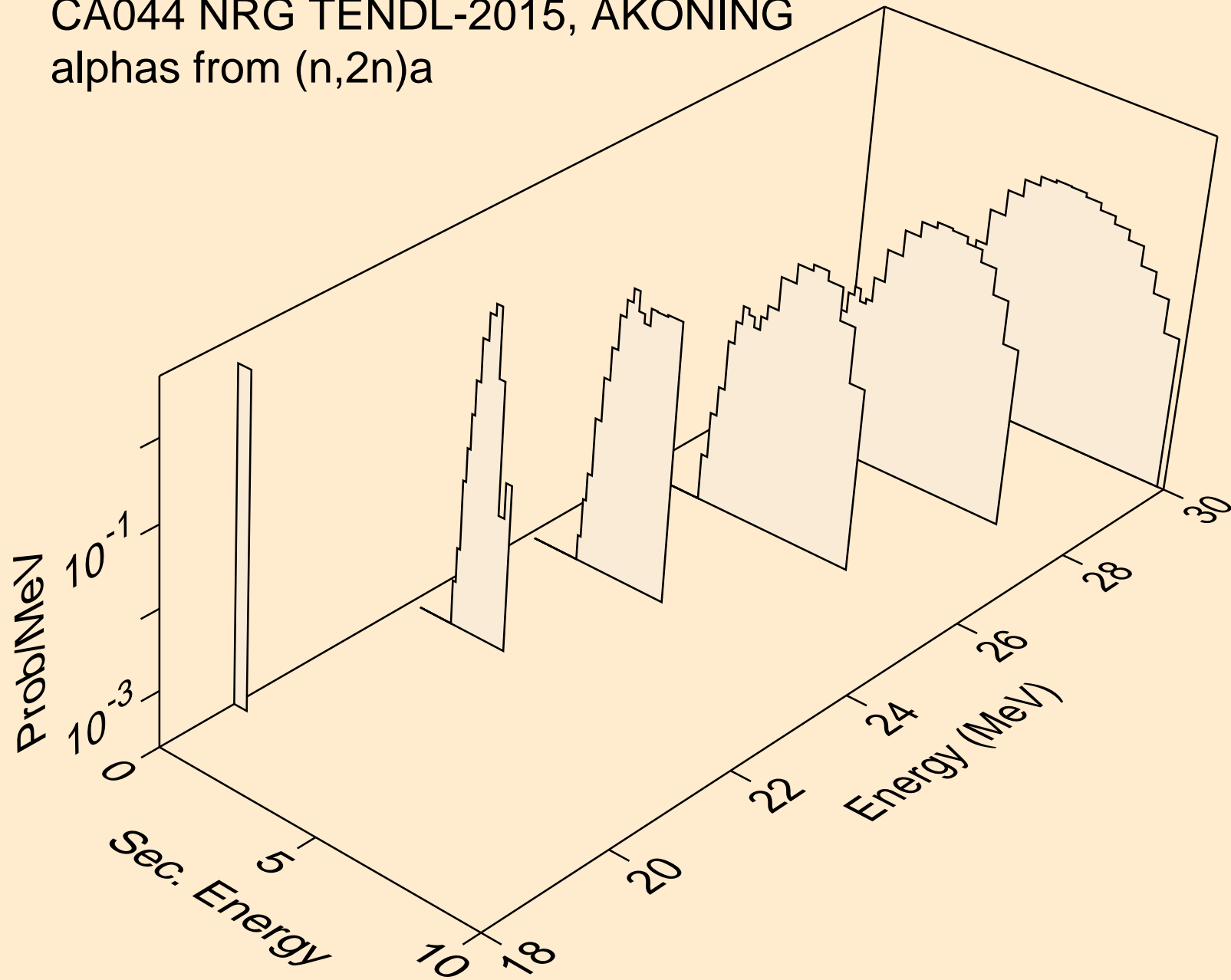


CA044 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

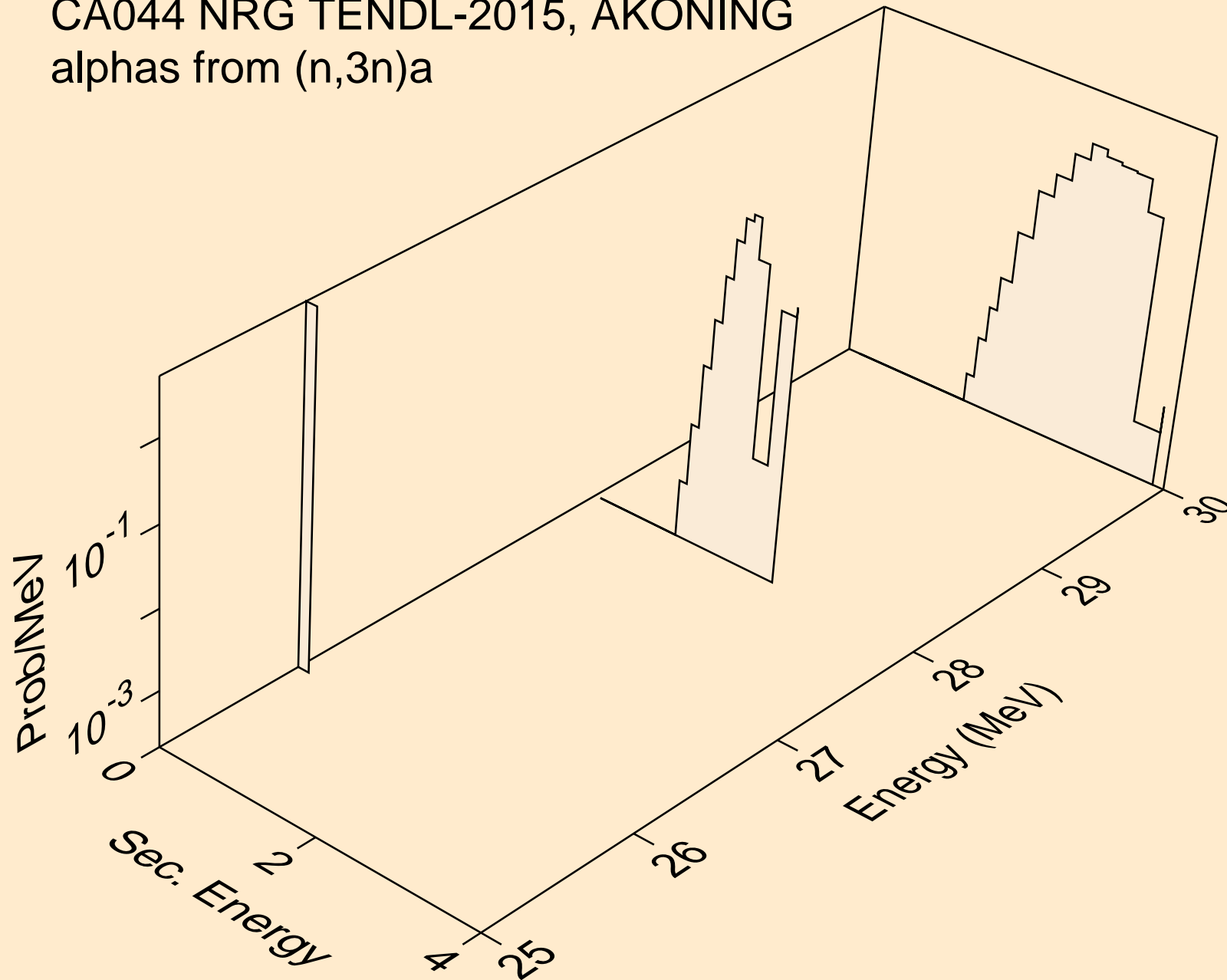




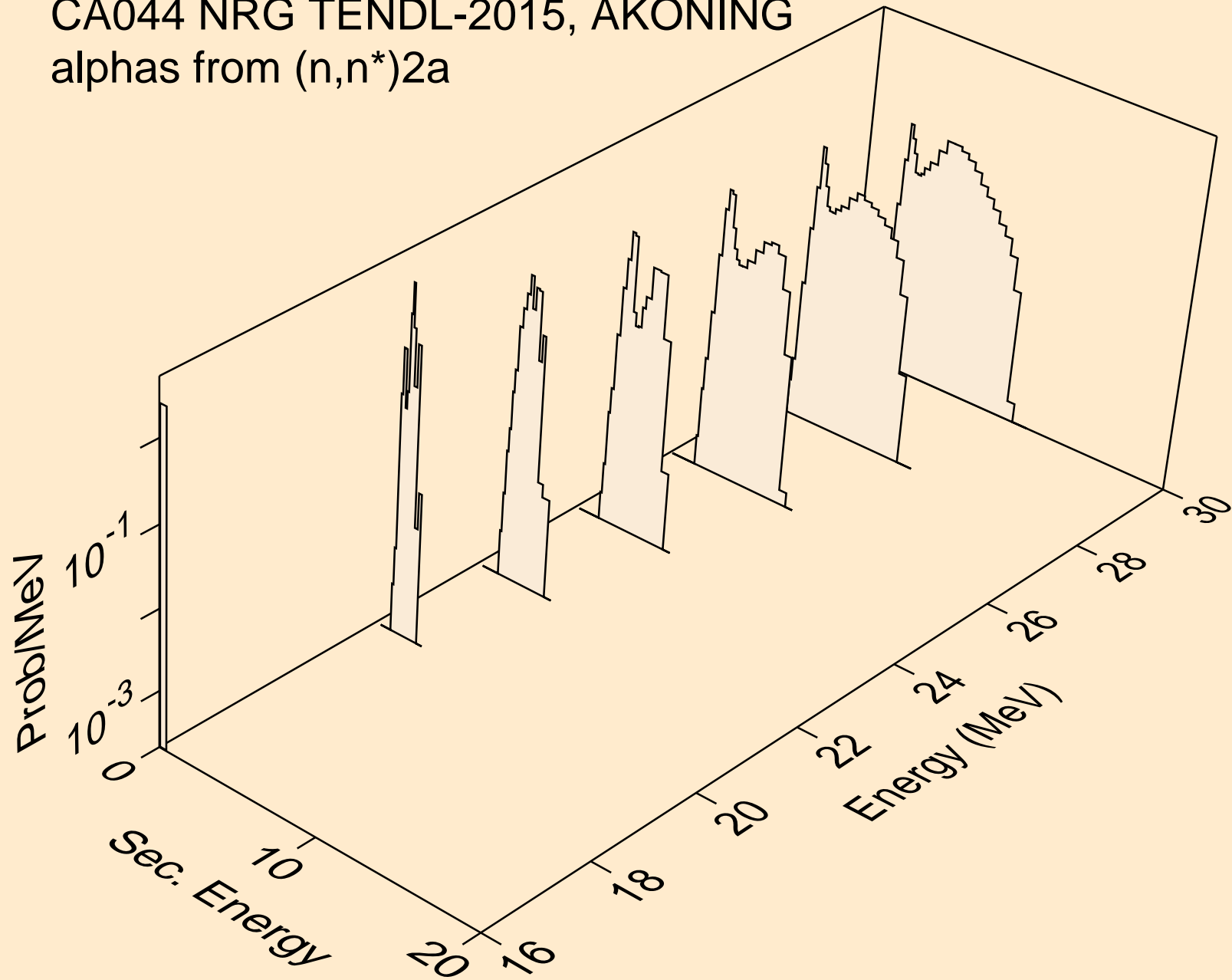
CA044 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



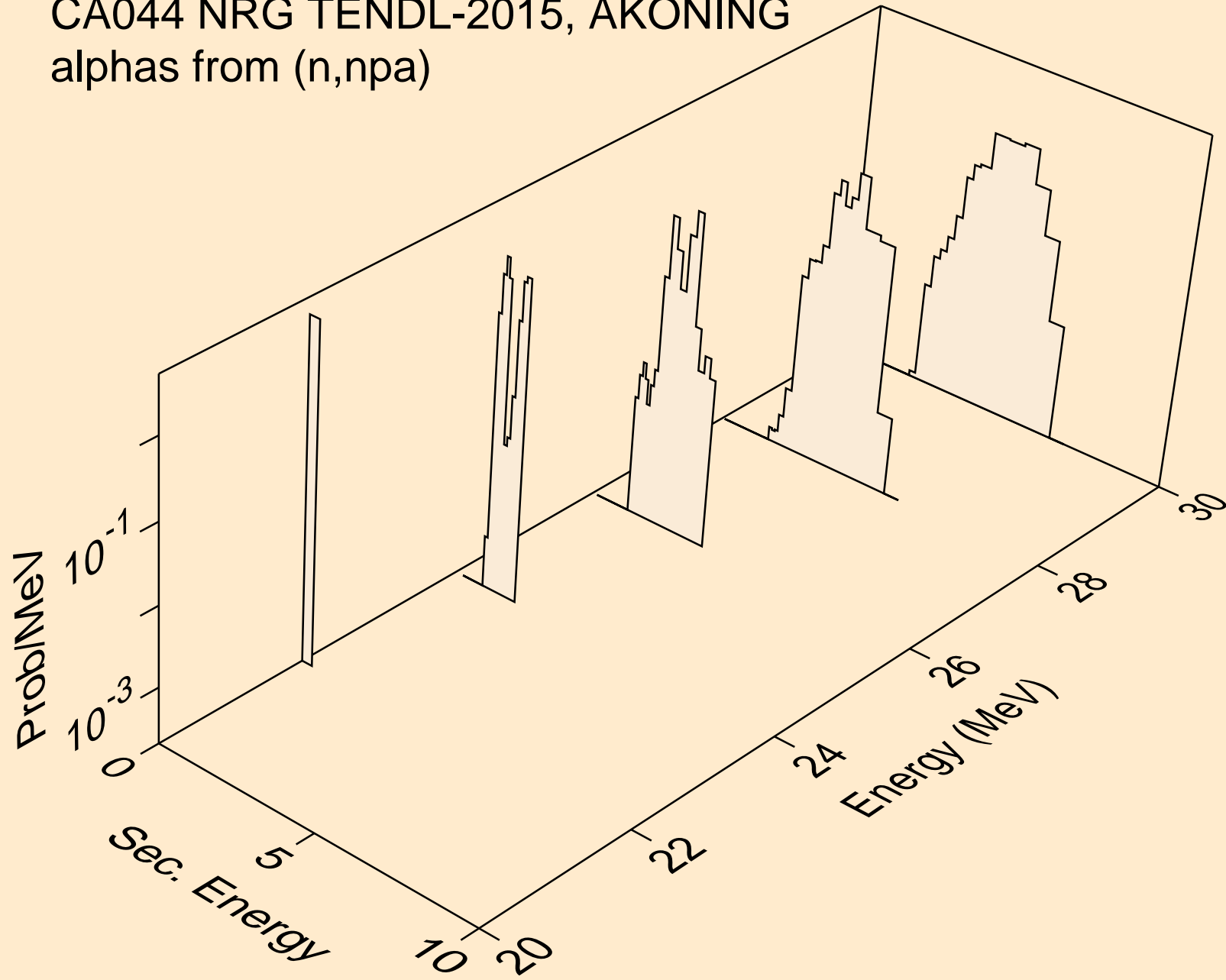
CA044 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



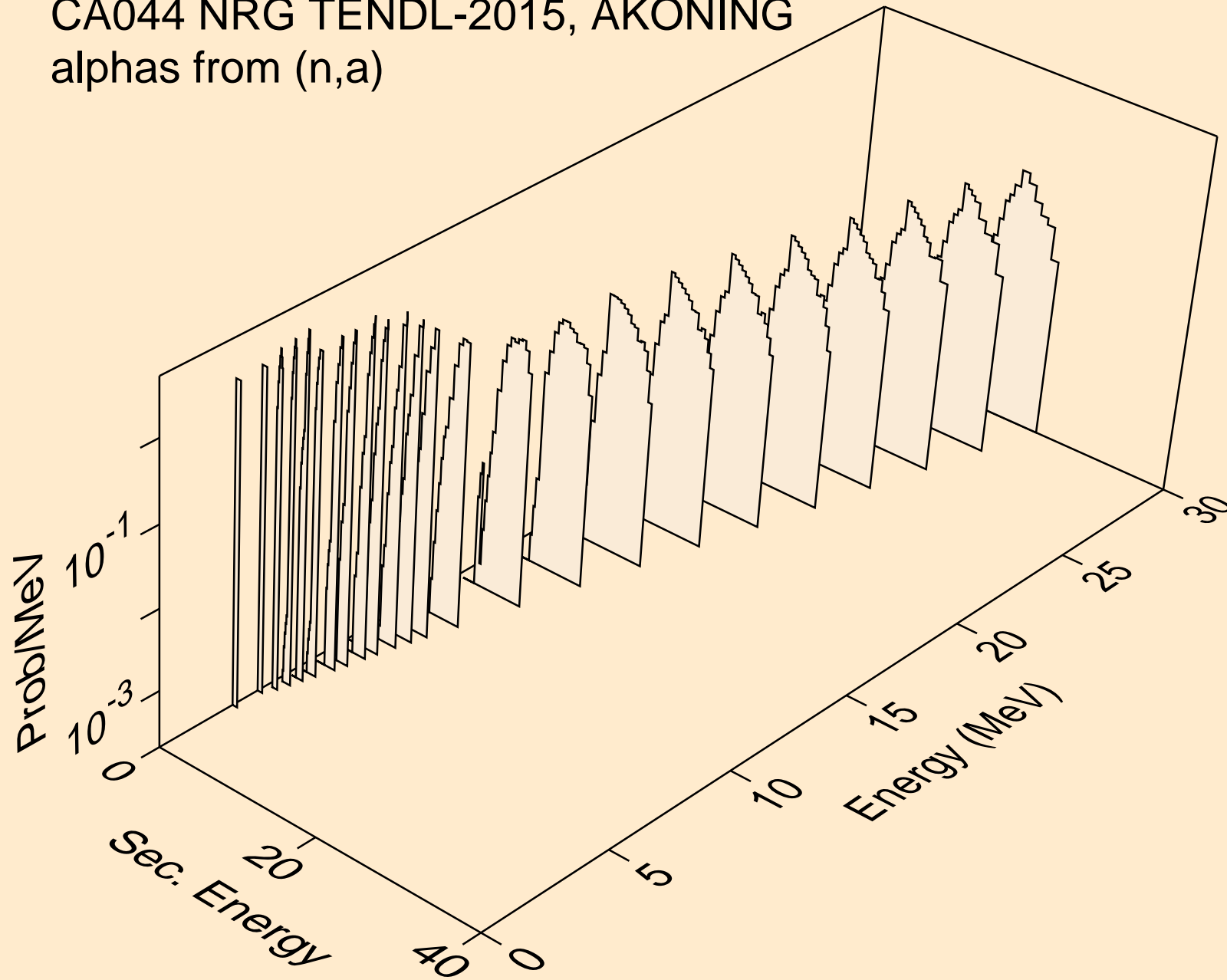
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alphas from (n,n\*)2a



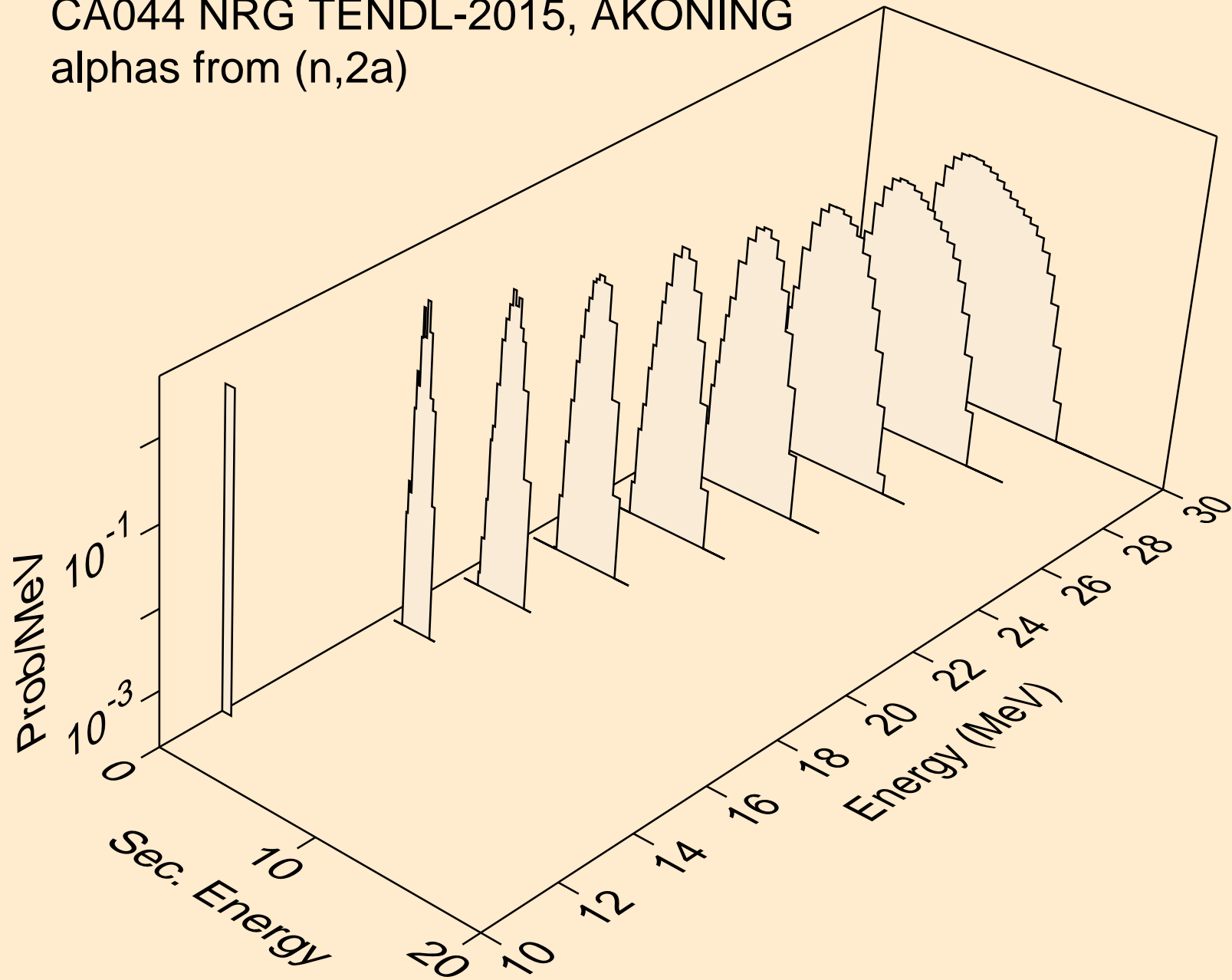
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alphas from (n,npa)



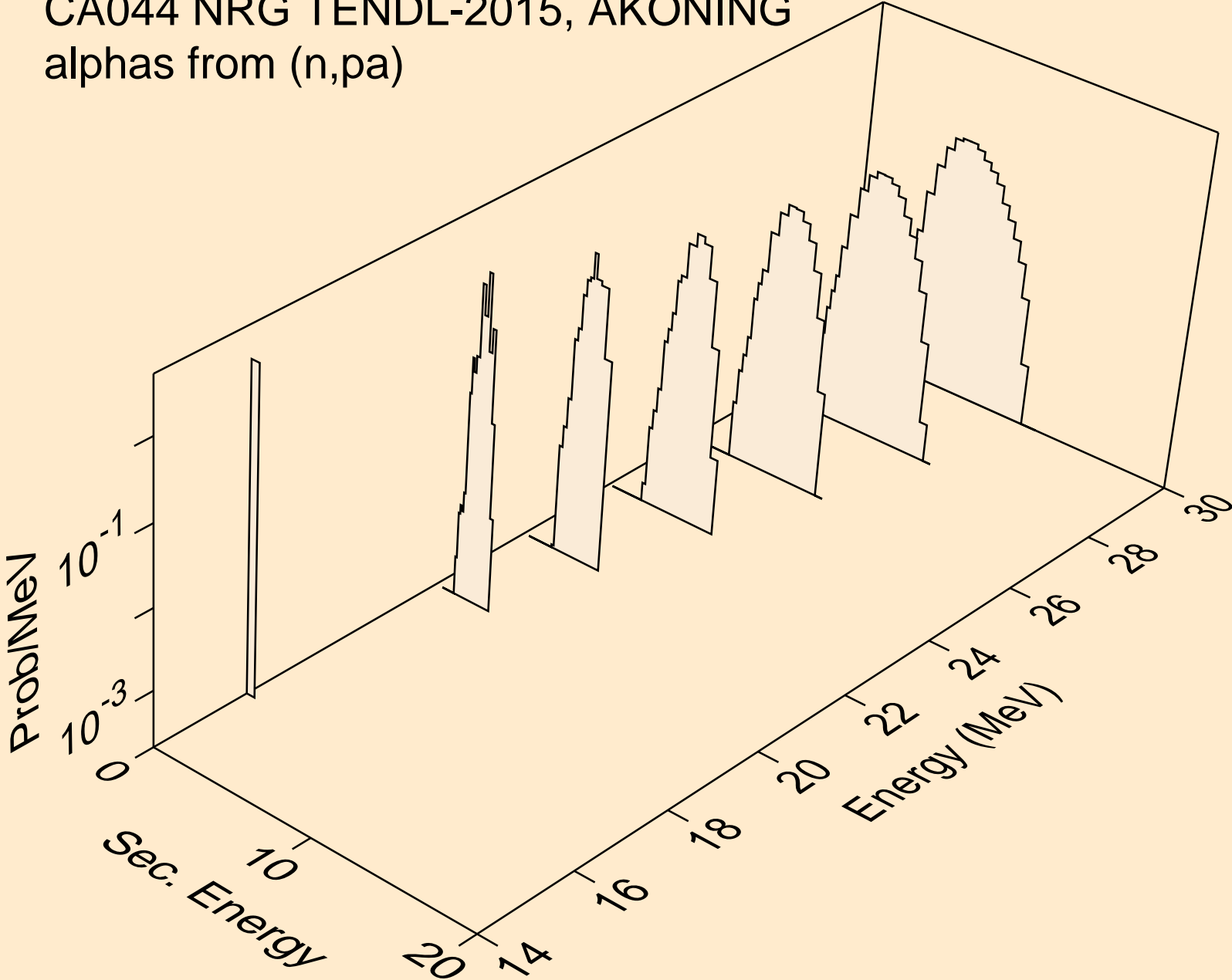
CA044 NRG TENDL-2015, AKONING  
alphas from (n,a)



CA044 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CA044 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CA044 NRG TENDL-2015, AKONING  
alphas from (n,da)

