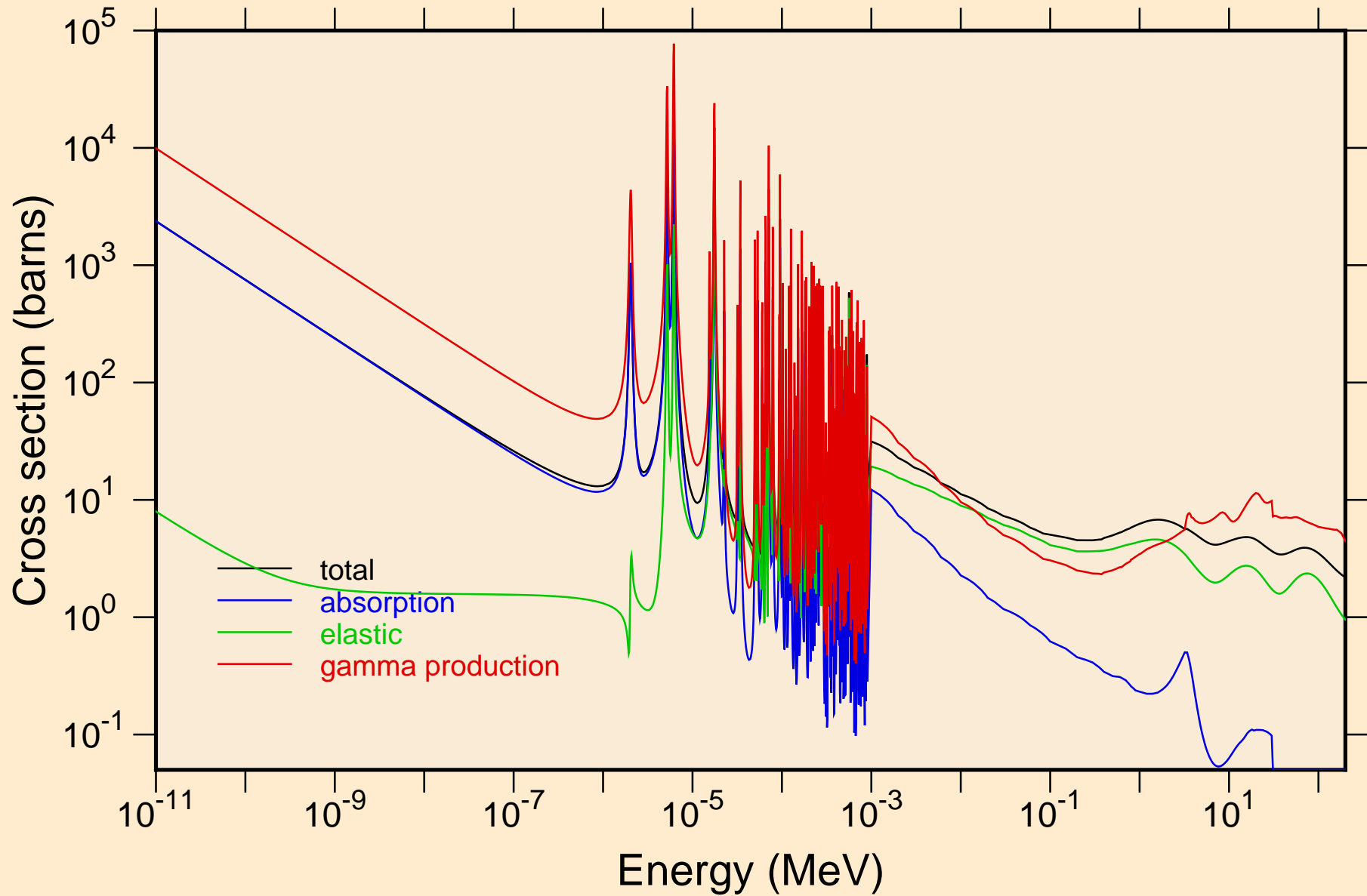
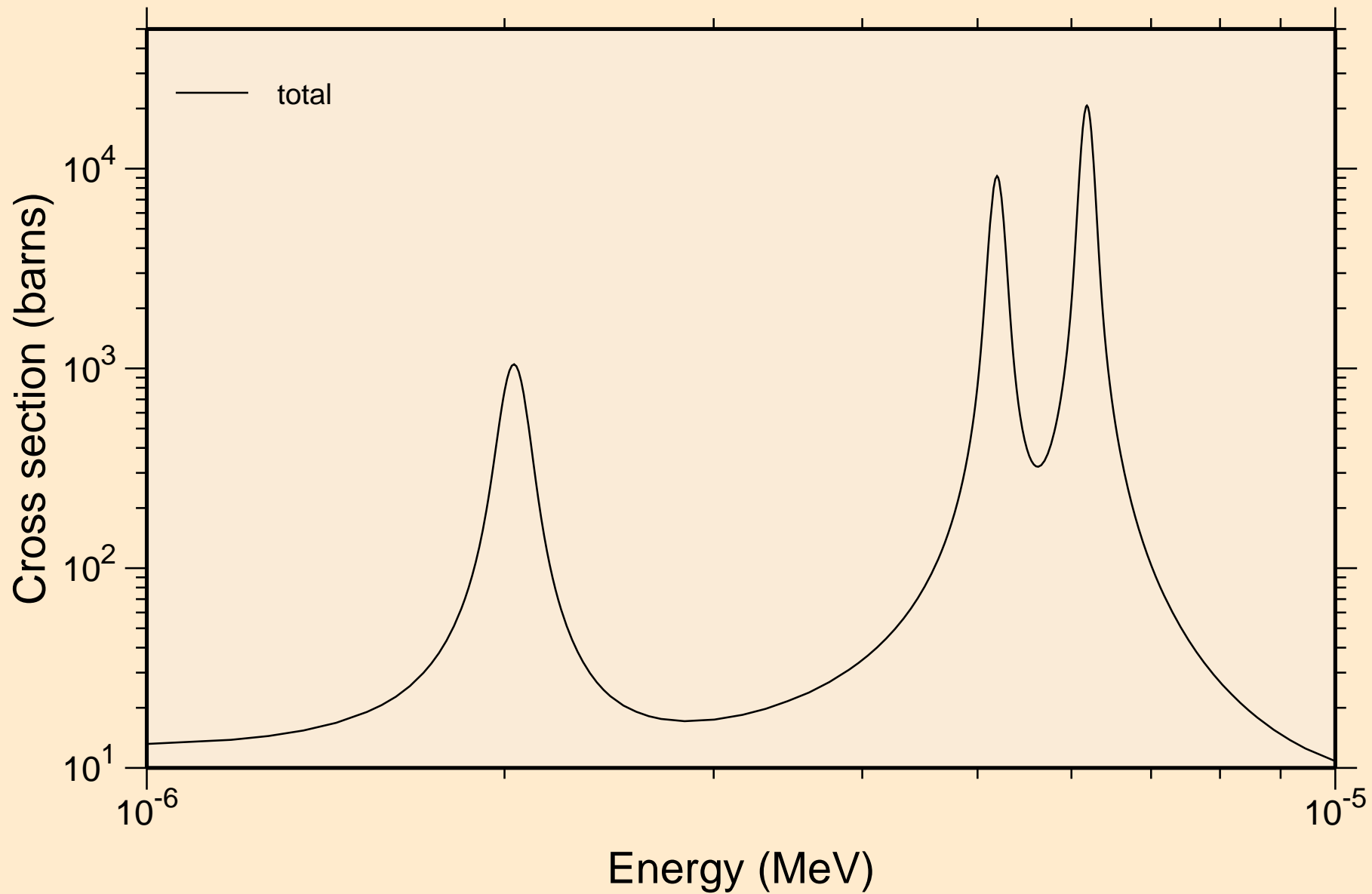


# CE135 NRG TENDL-2015, AKONING

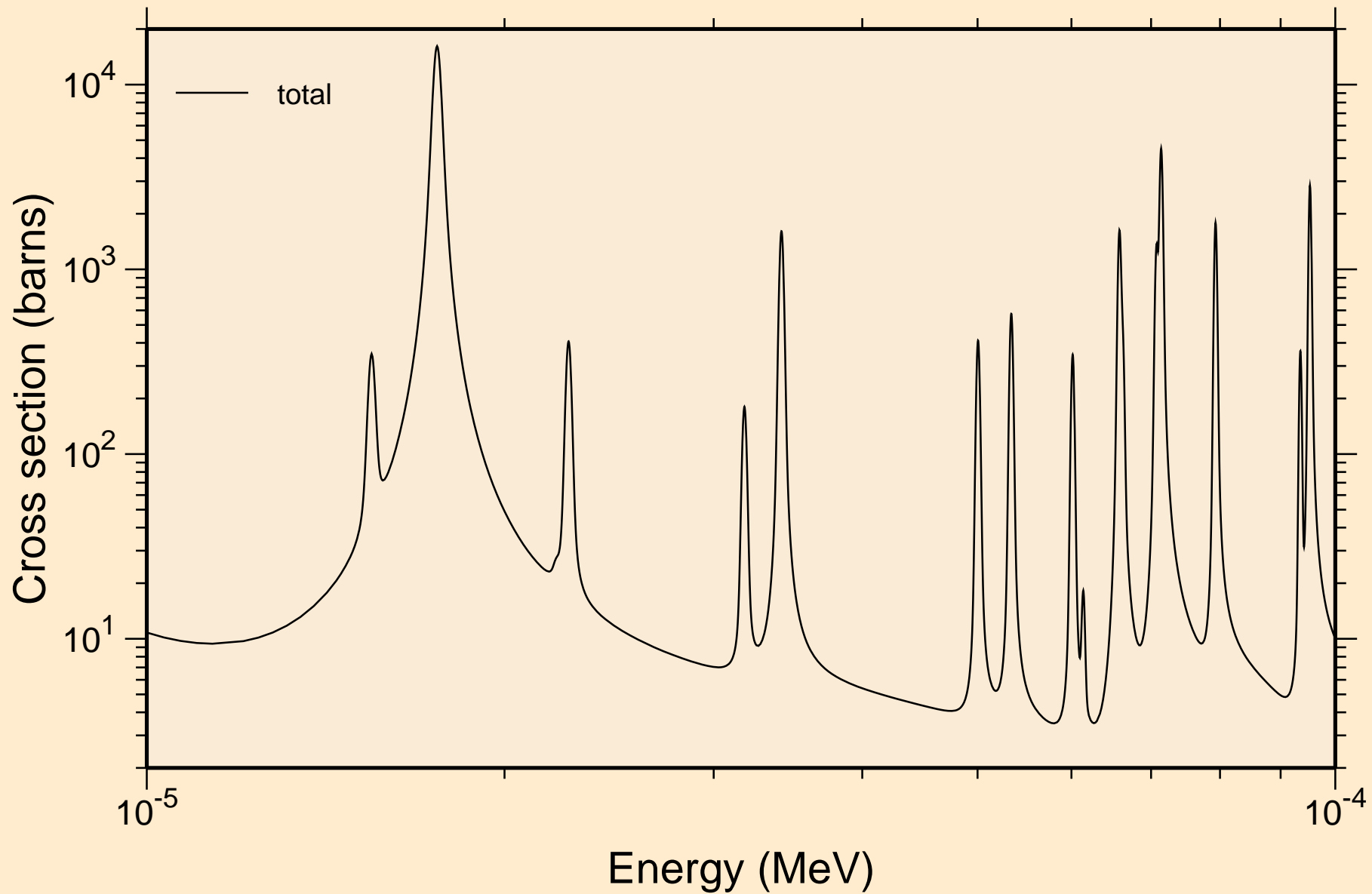
## Principal cross sections



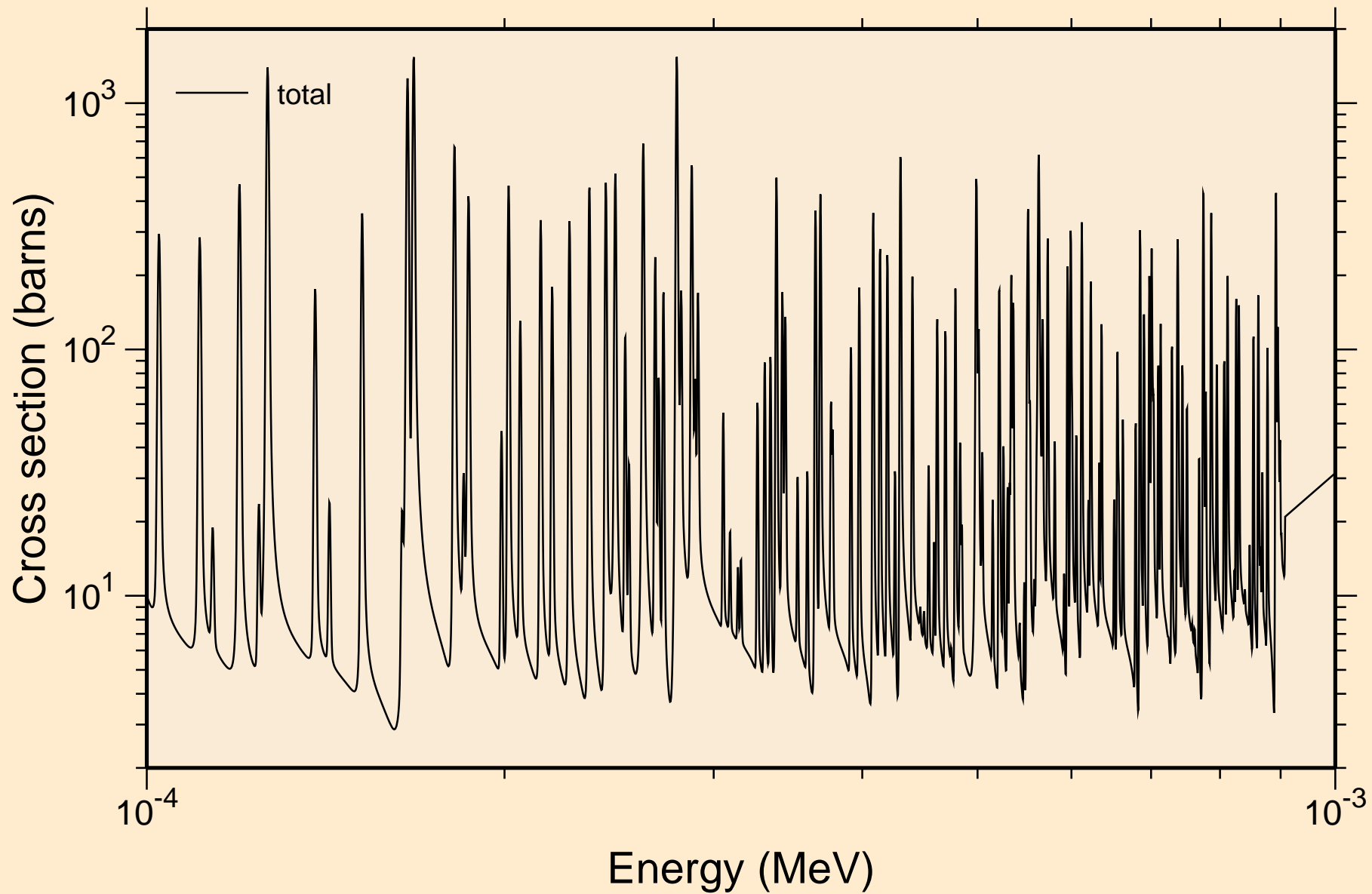
CE135 NRG TENDL-2015, AKONING  
resonance total cross section



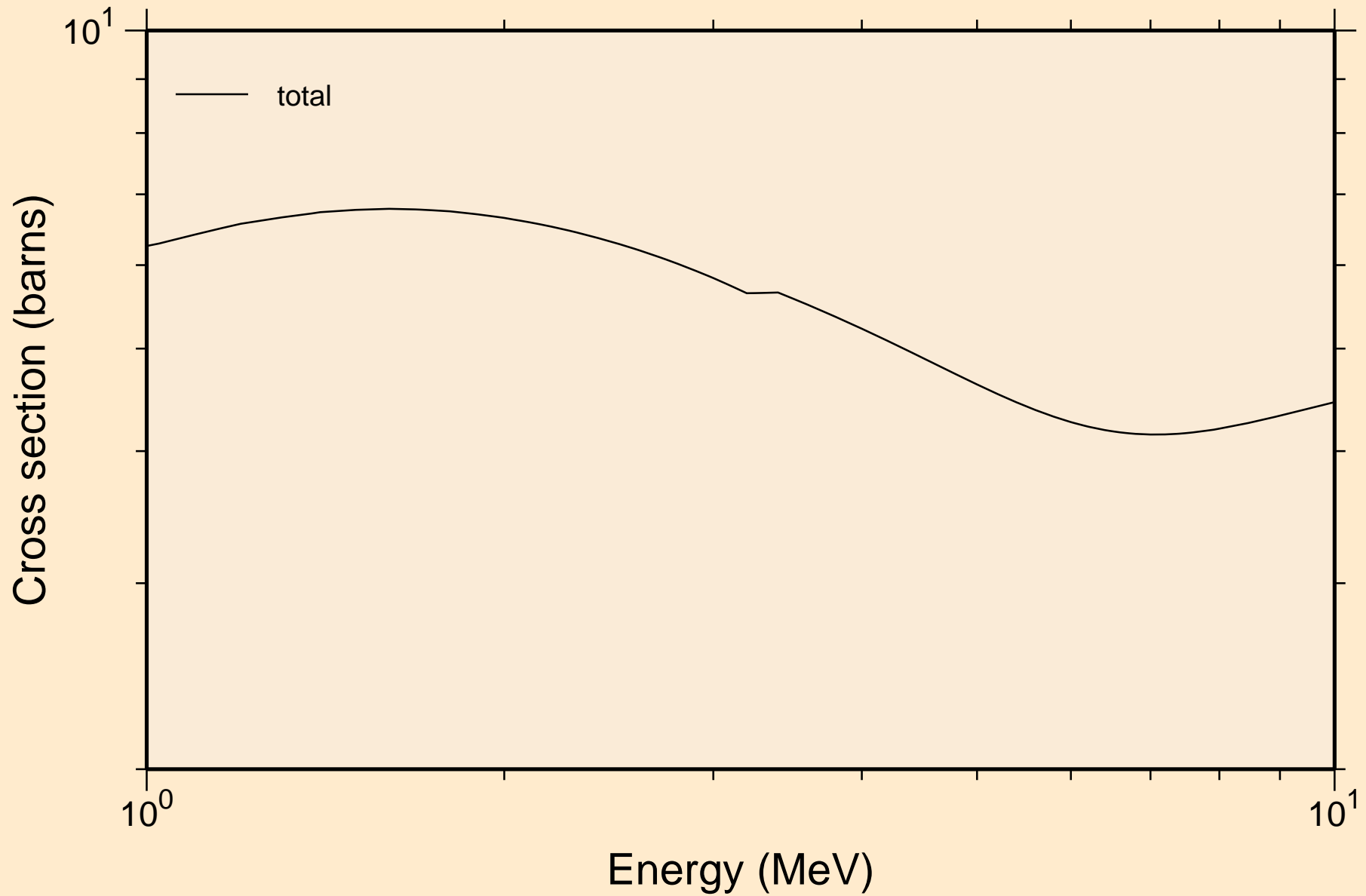
CE135 NRG TENDL-2015, AKONING  
resonance total cross section



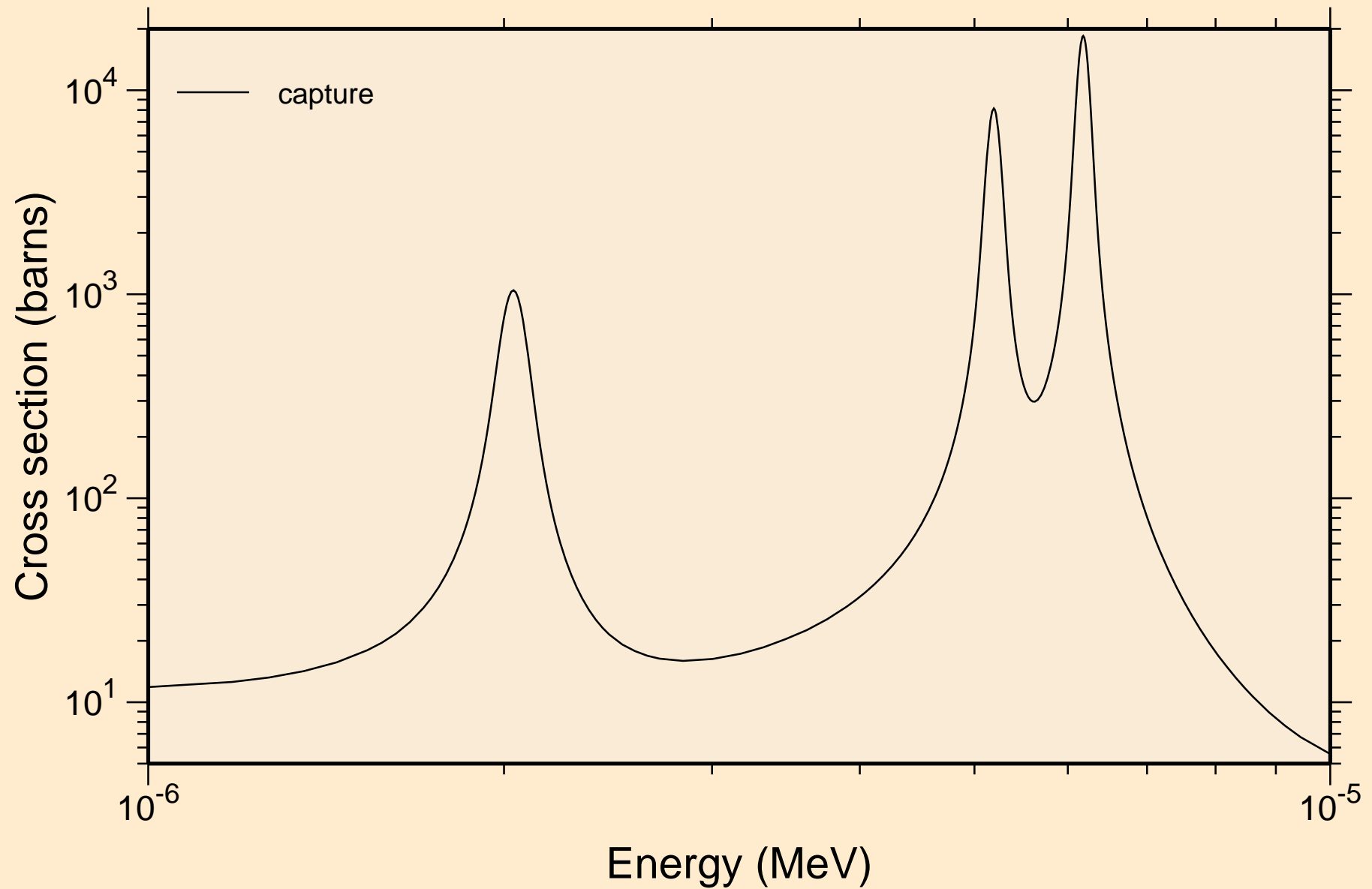
CE135 NRG TENDL-2015, AKONING  
resonance total cross section



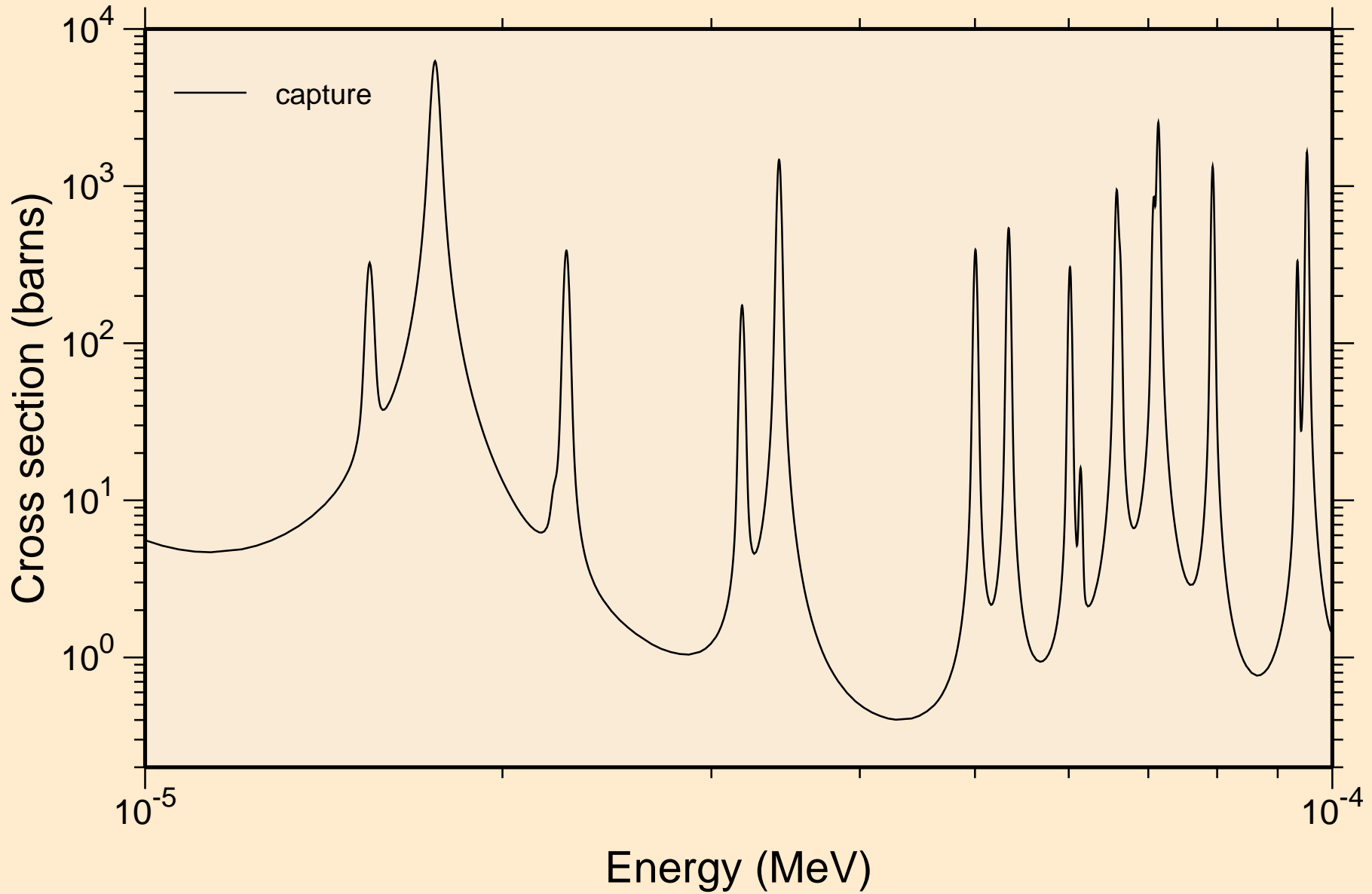
CE135 NRG TENDL-2015, AKONING  
resonance total cross section



CE135 NRG TENDL-2015, AKONING  
resonance absorption cross sections

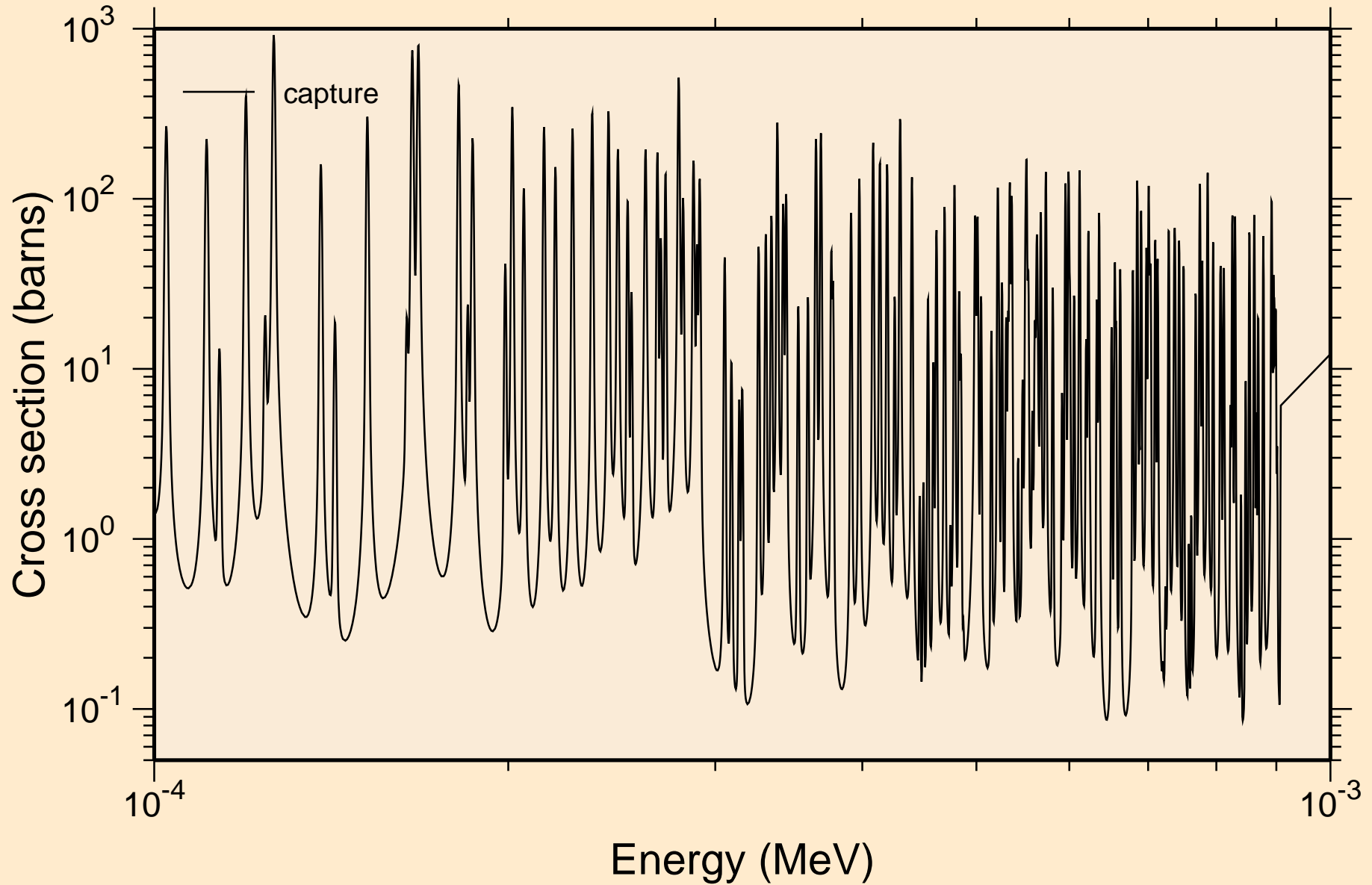


CE135 NRG TENDL-2015, AKONING  
resonance absorption cross sections



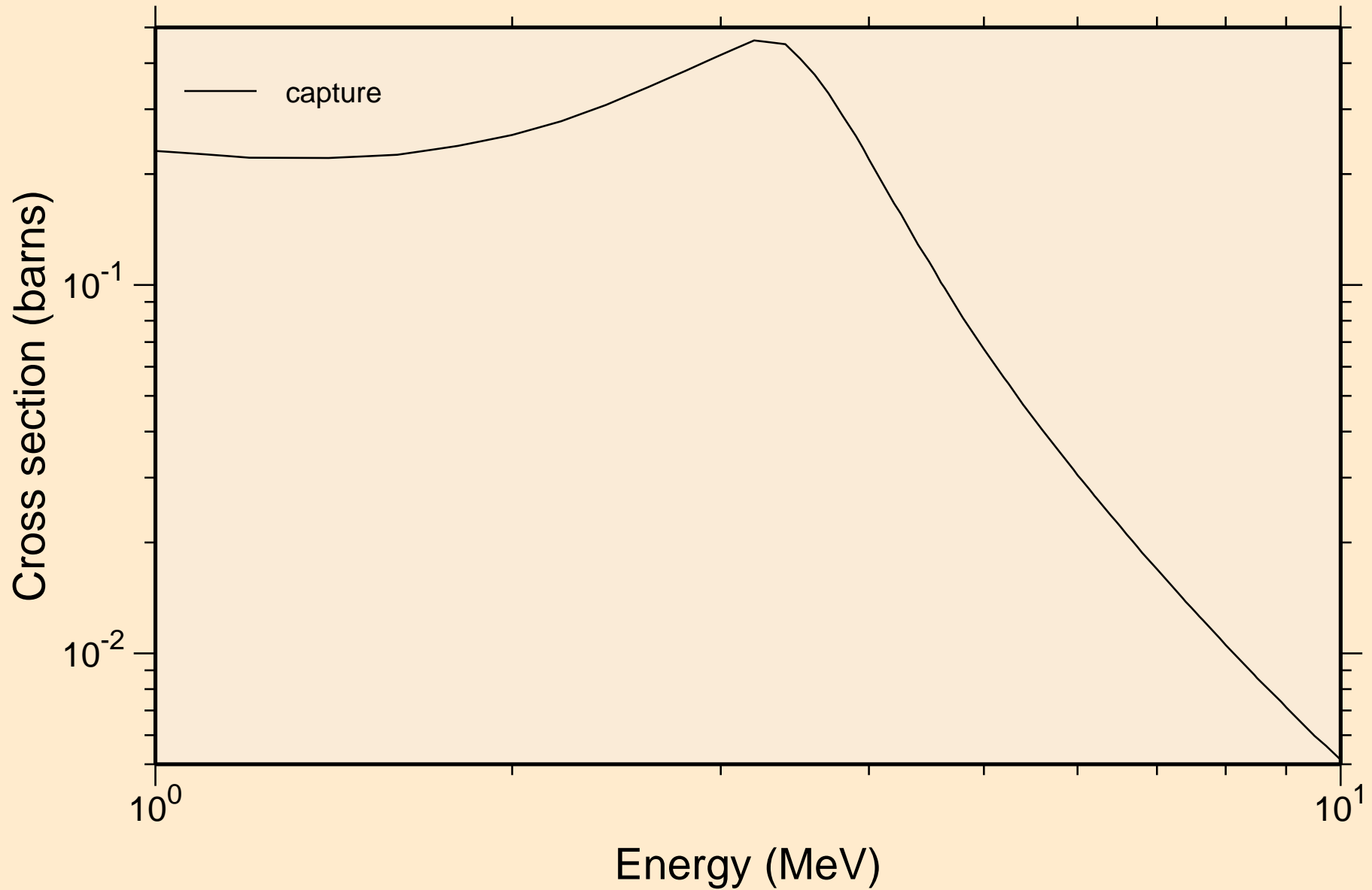
# CE135 NRG TENDL-2015, AKONING

## resonance absorption cross sections



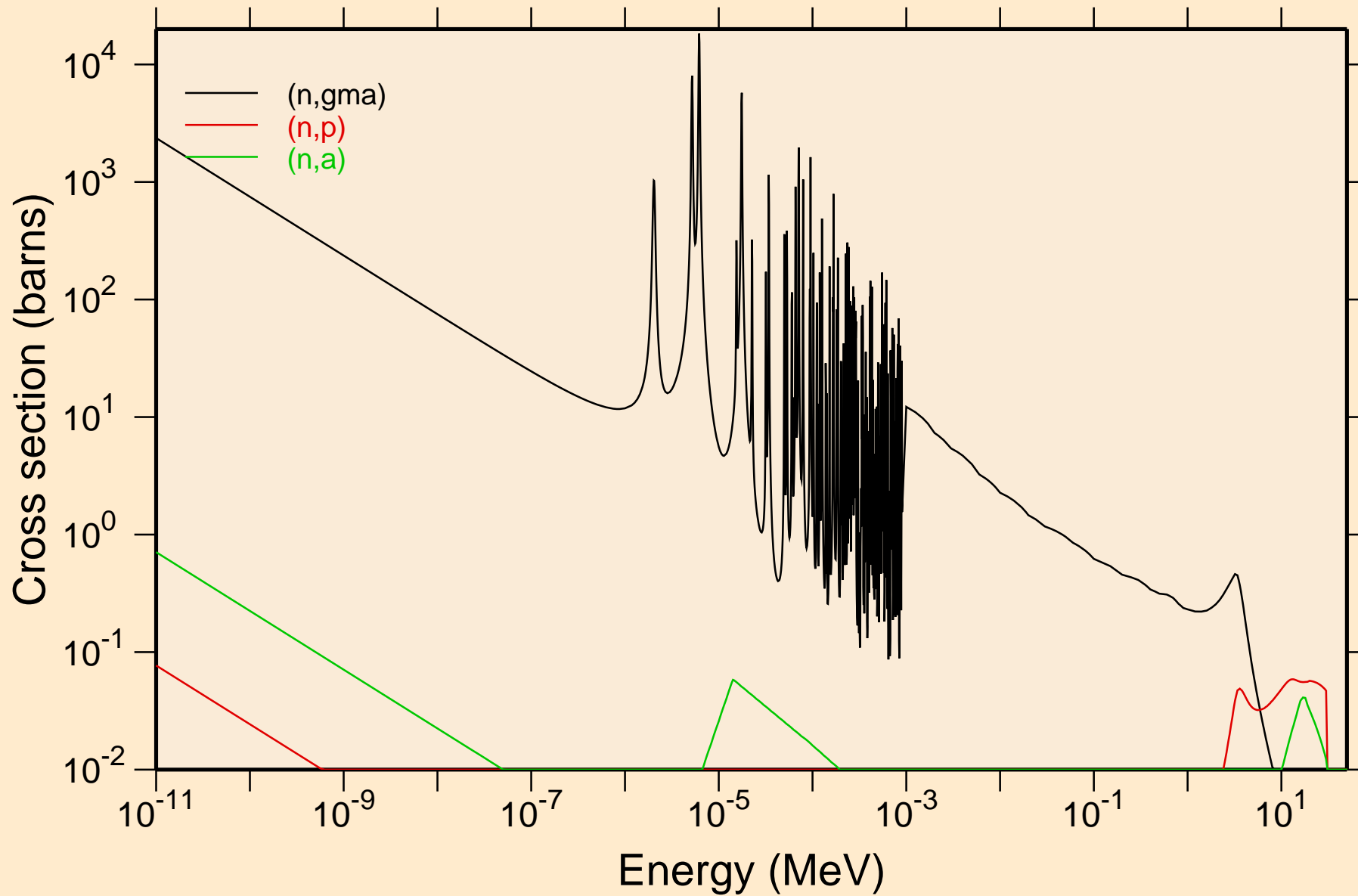


CE135 NRG TENDL-2015, AKONING  
resonance absorption cross sections



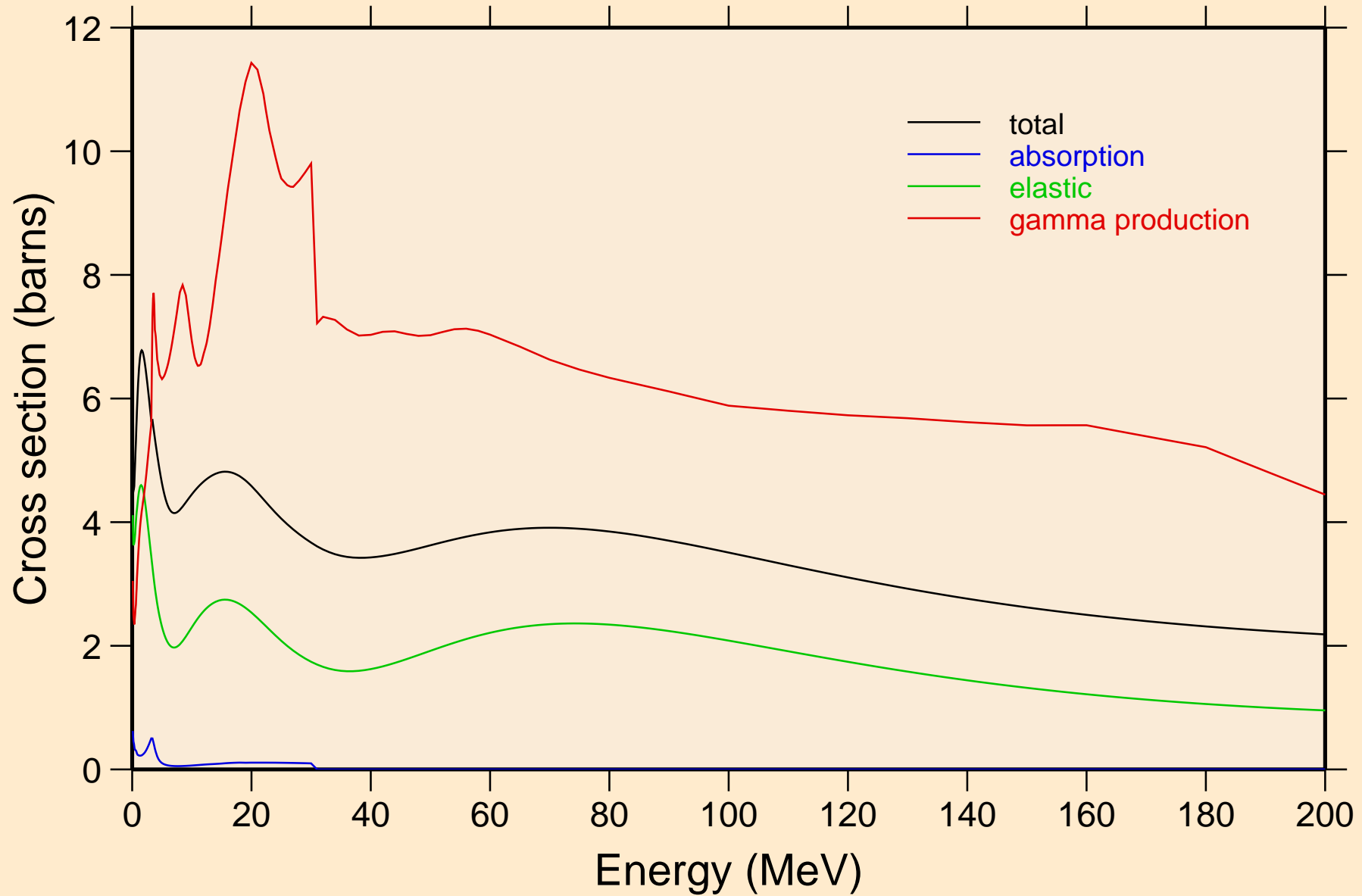
# CE135 NRG TENDL-2015, AKONING

## Non-threshold reactions



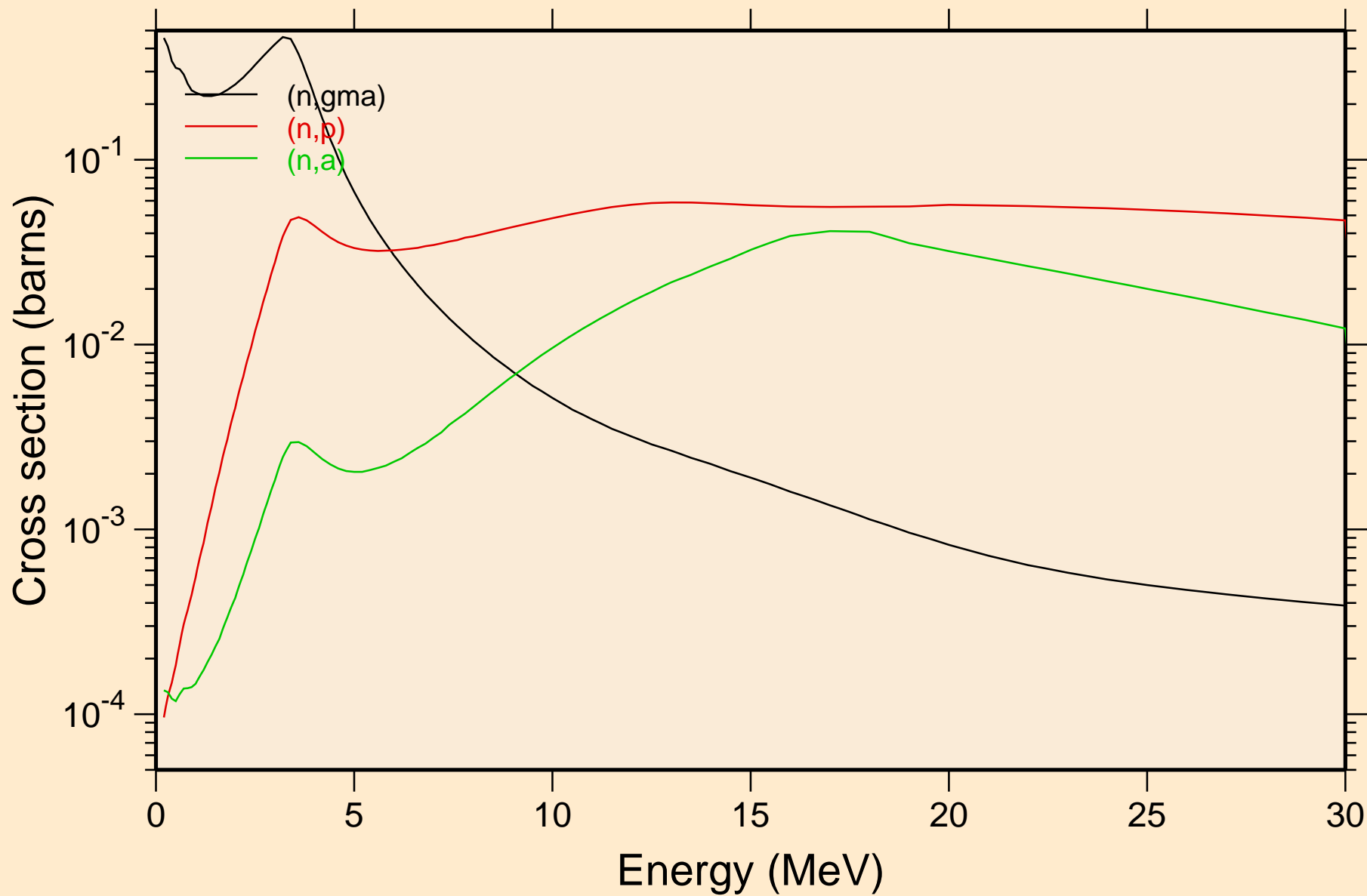
# CE135 NRG TENDL-2015, AKONING

## Principal cross sections



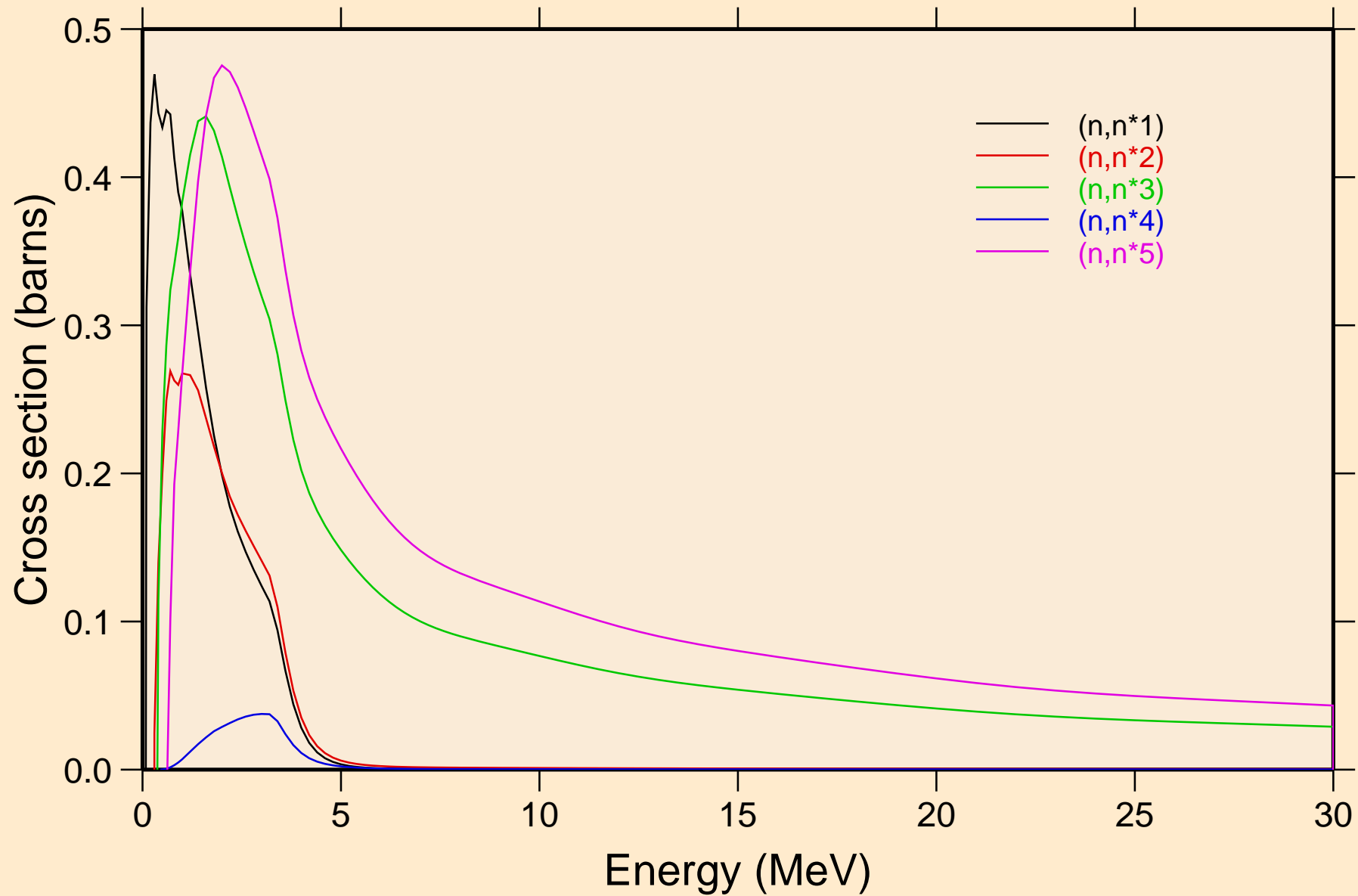
# CE135 NRG TENDL-2015, AKONING

## Non-threshold reactions



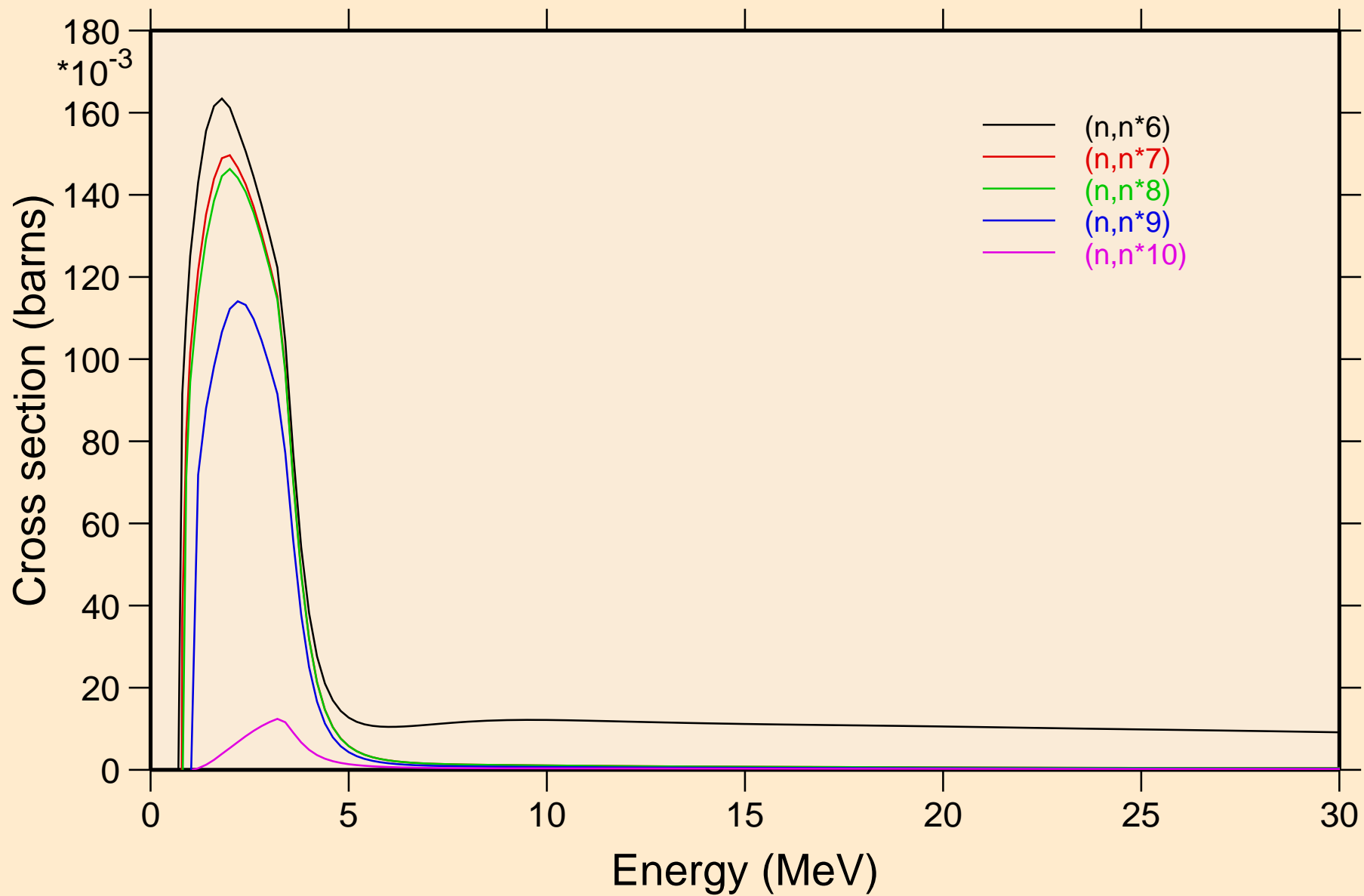
# CE135 NRG TENDL-2015, AKONING

## Inelastic levels



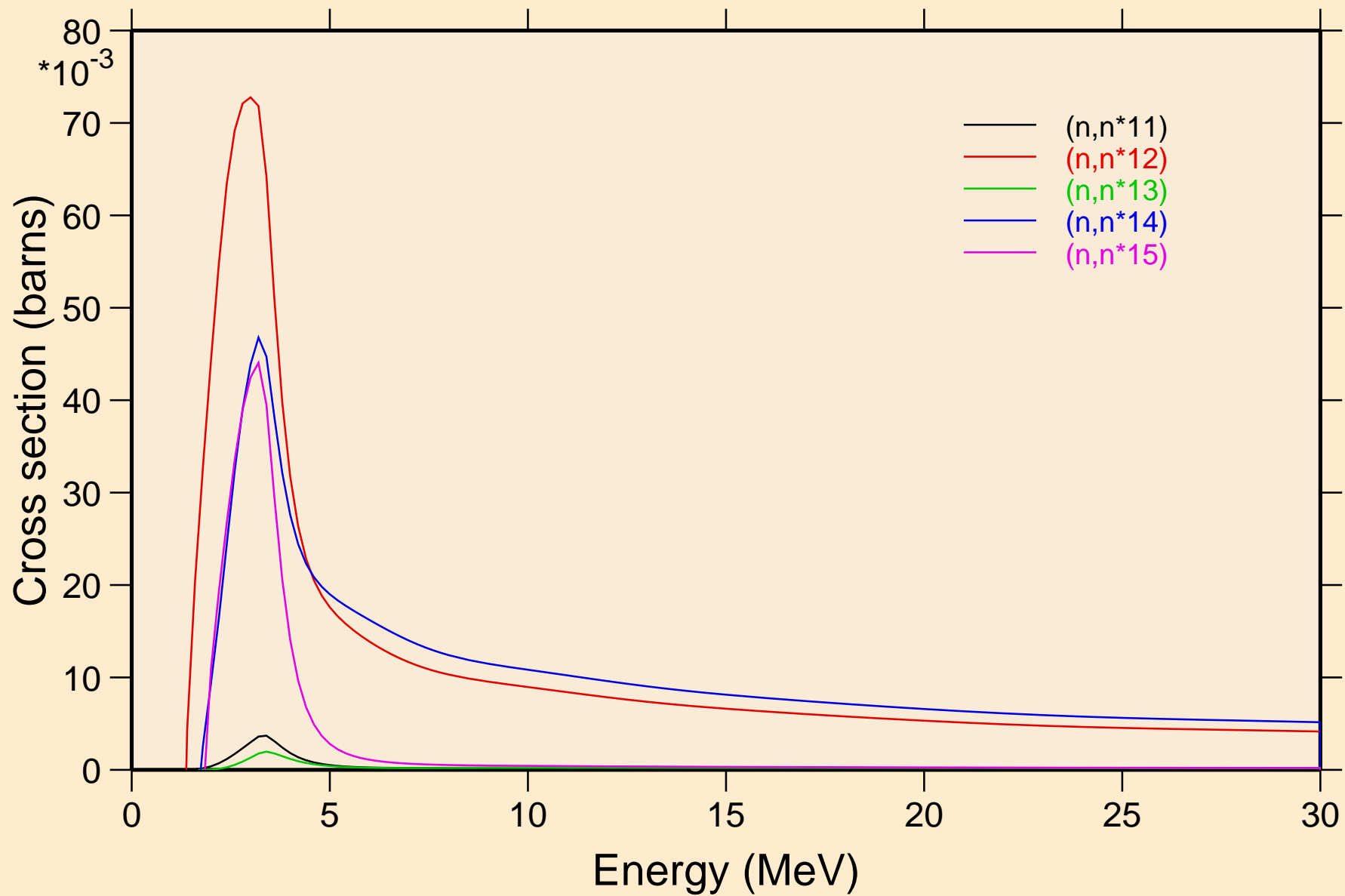
# CE135 NRG TENDL-2015, AKONING

## Inelastic levels



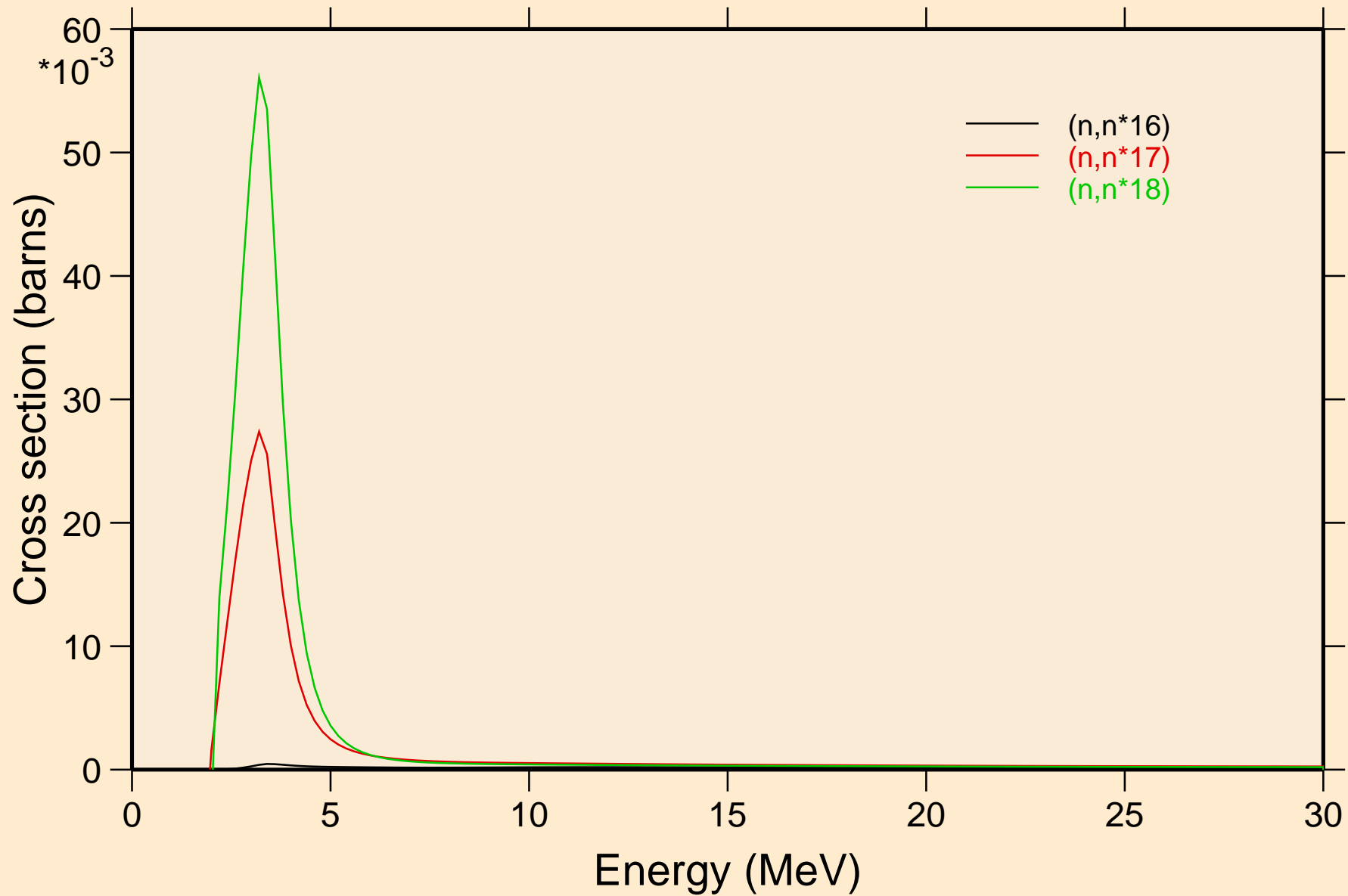
# CE135 NRG TENDL-2015, AKONING

## Inelastic levels



# CE135 NRG TENDL-2015, AKONING

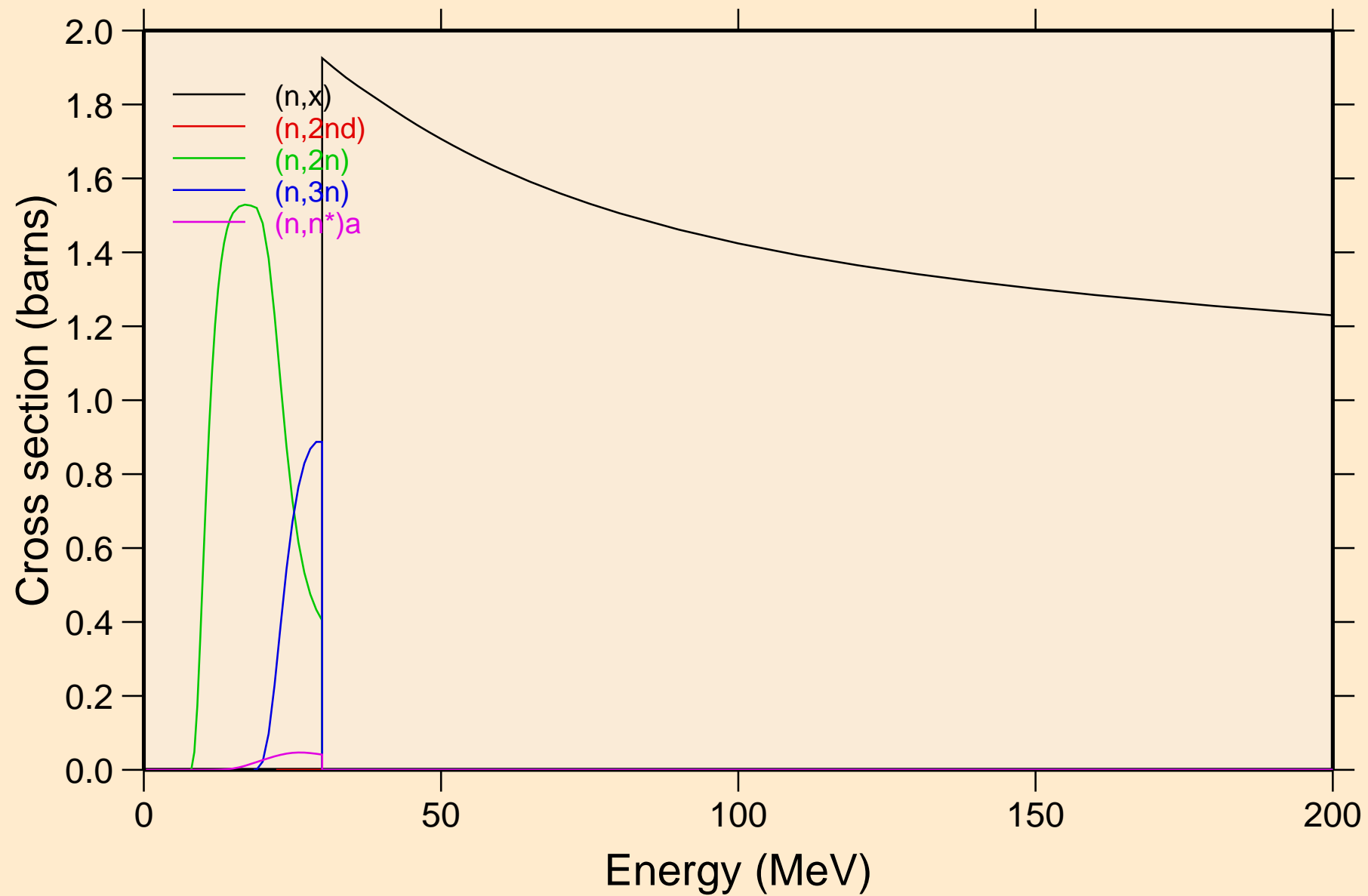
## Inelastic levels





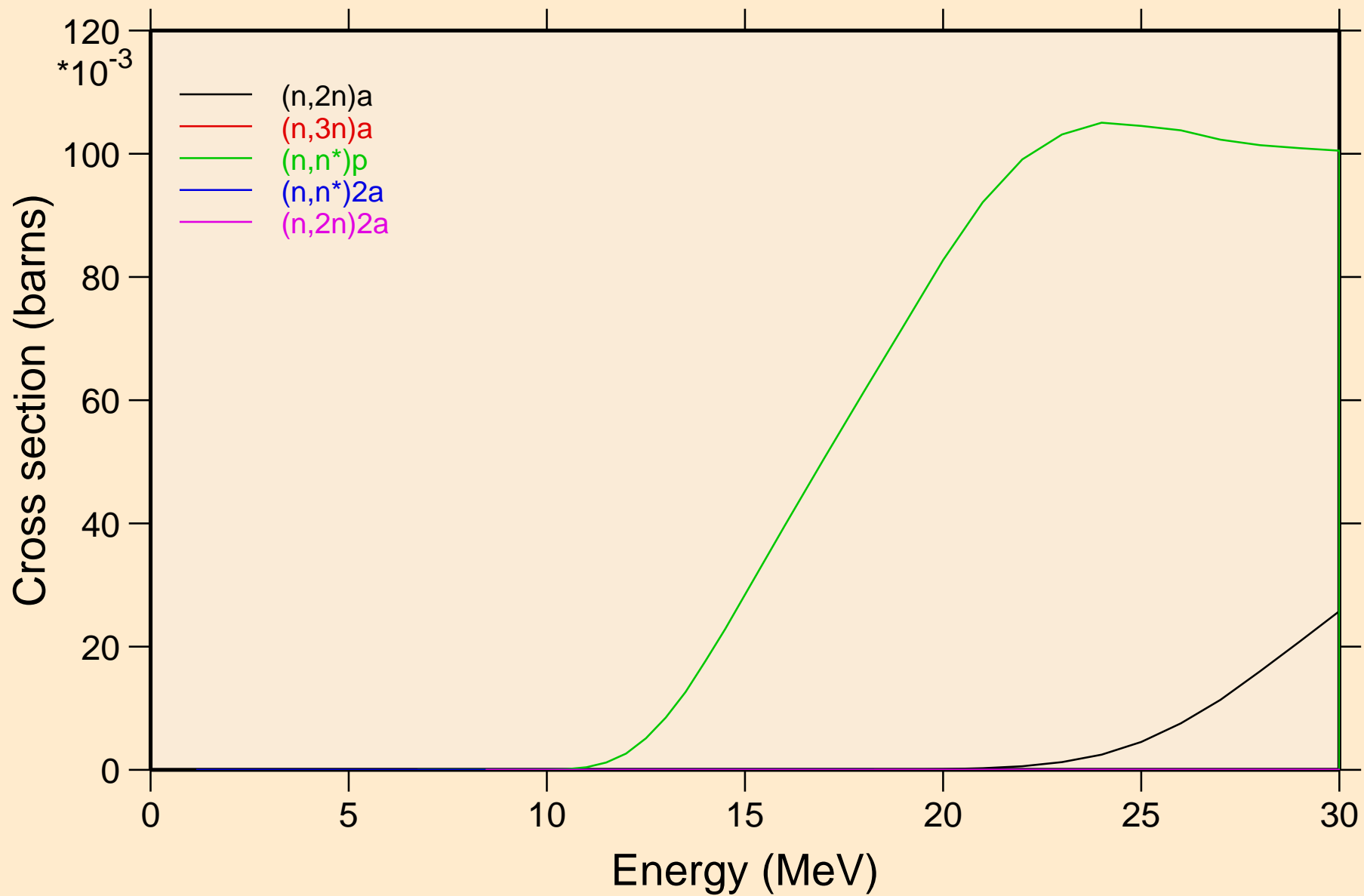
# CE135 NRG TENDL-2015, AKONING

## Threshold reactions



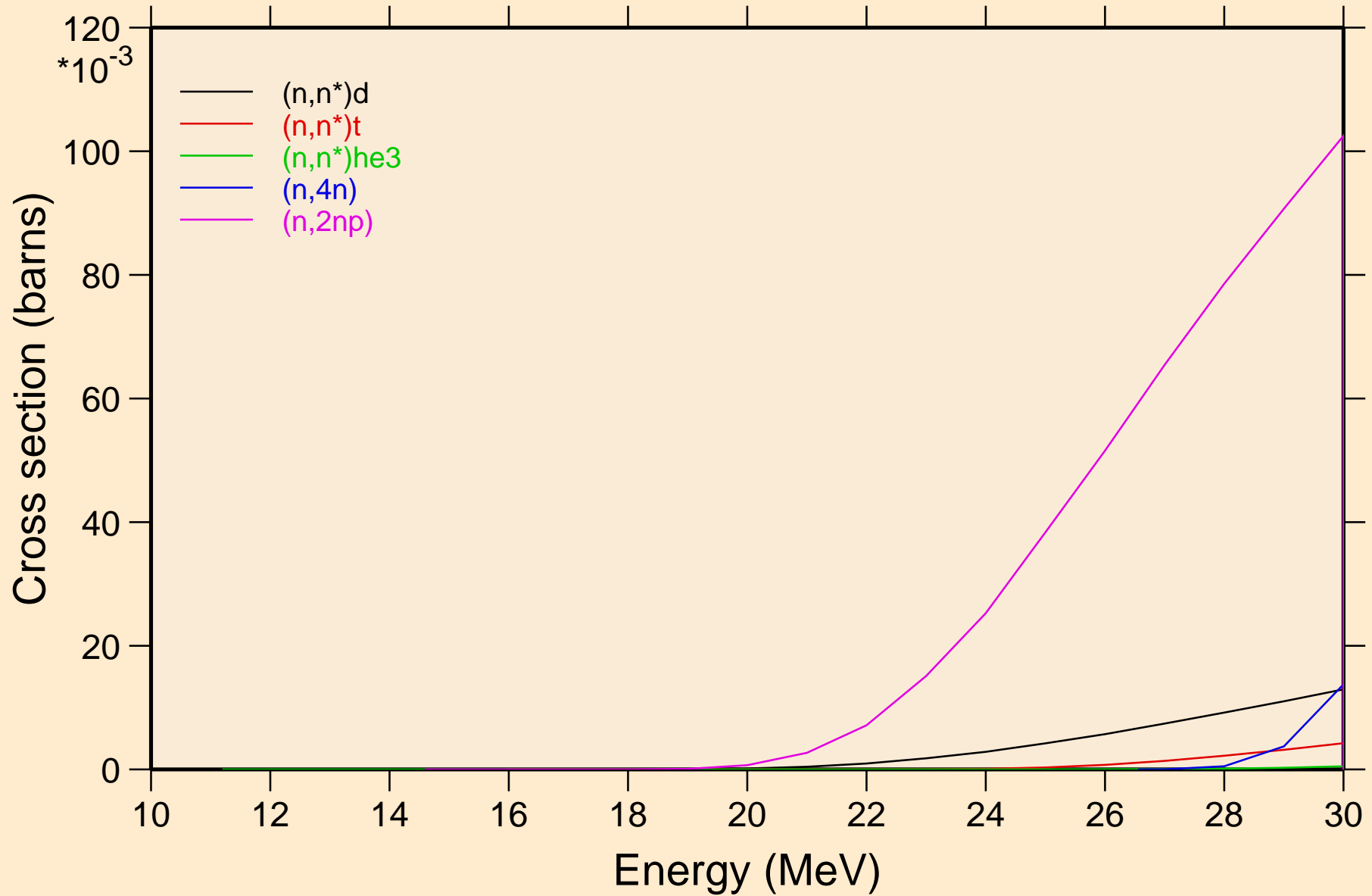
# CE135 NRG TENDL-2015, AKONING

## Threshold reactions



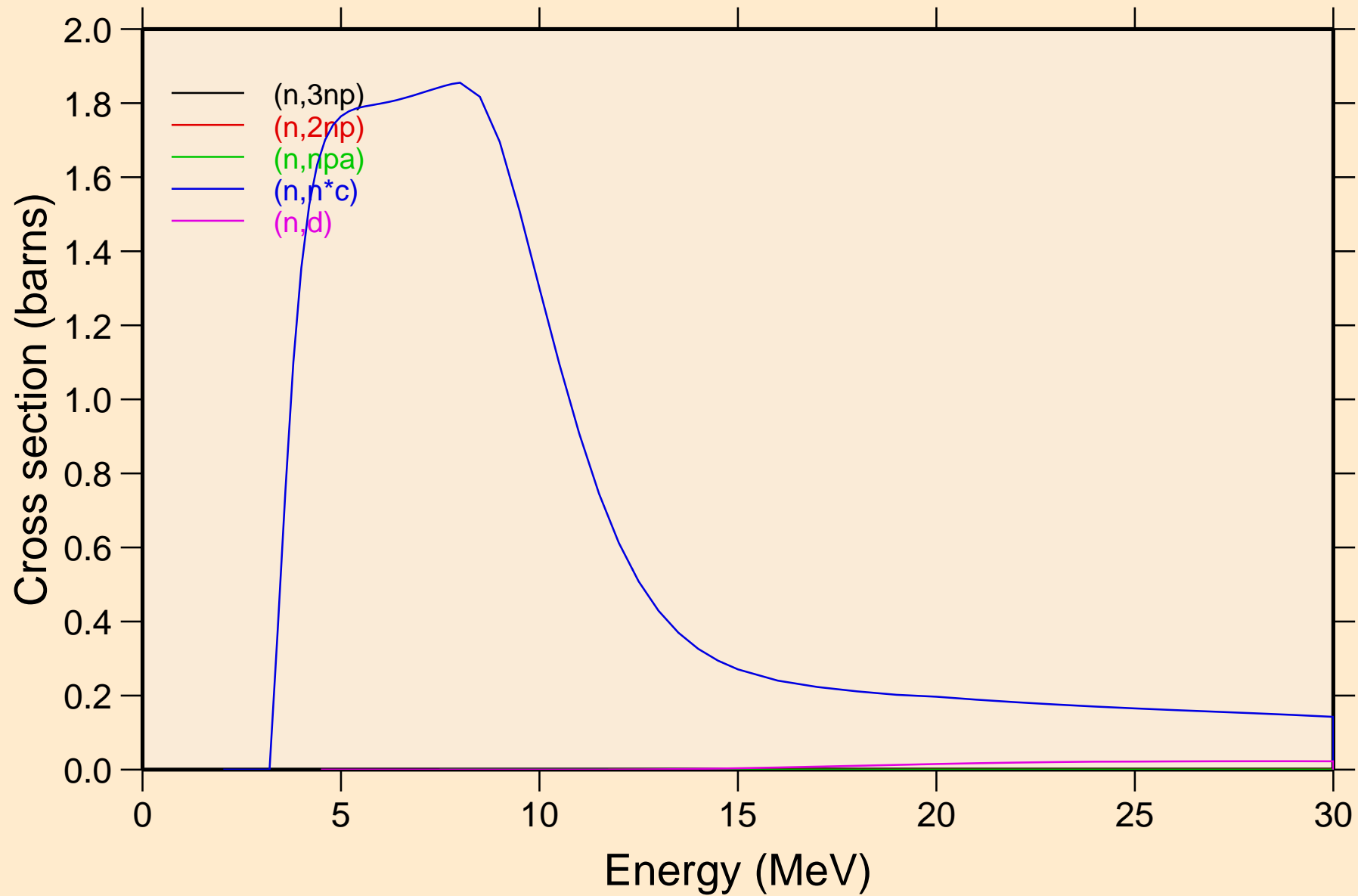
# CE135 NRG TENDL-2015, AKONING

## Threshold reactions



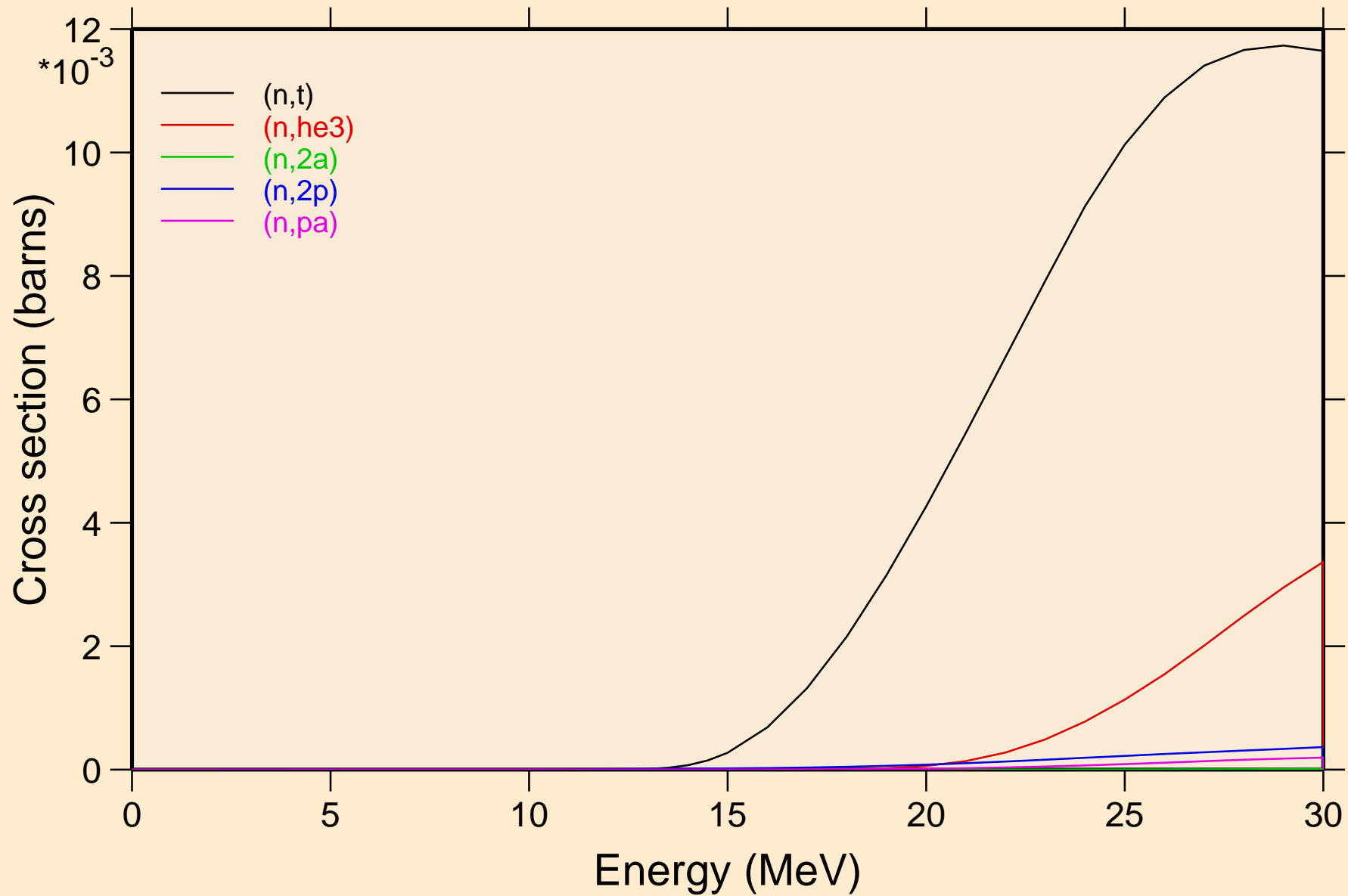
# CE135 NRG TENDL-2015, AKONING

## Threshold reactions



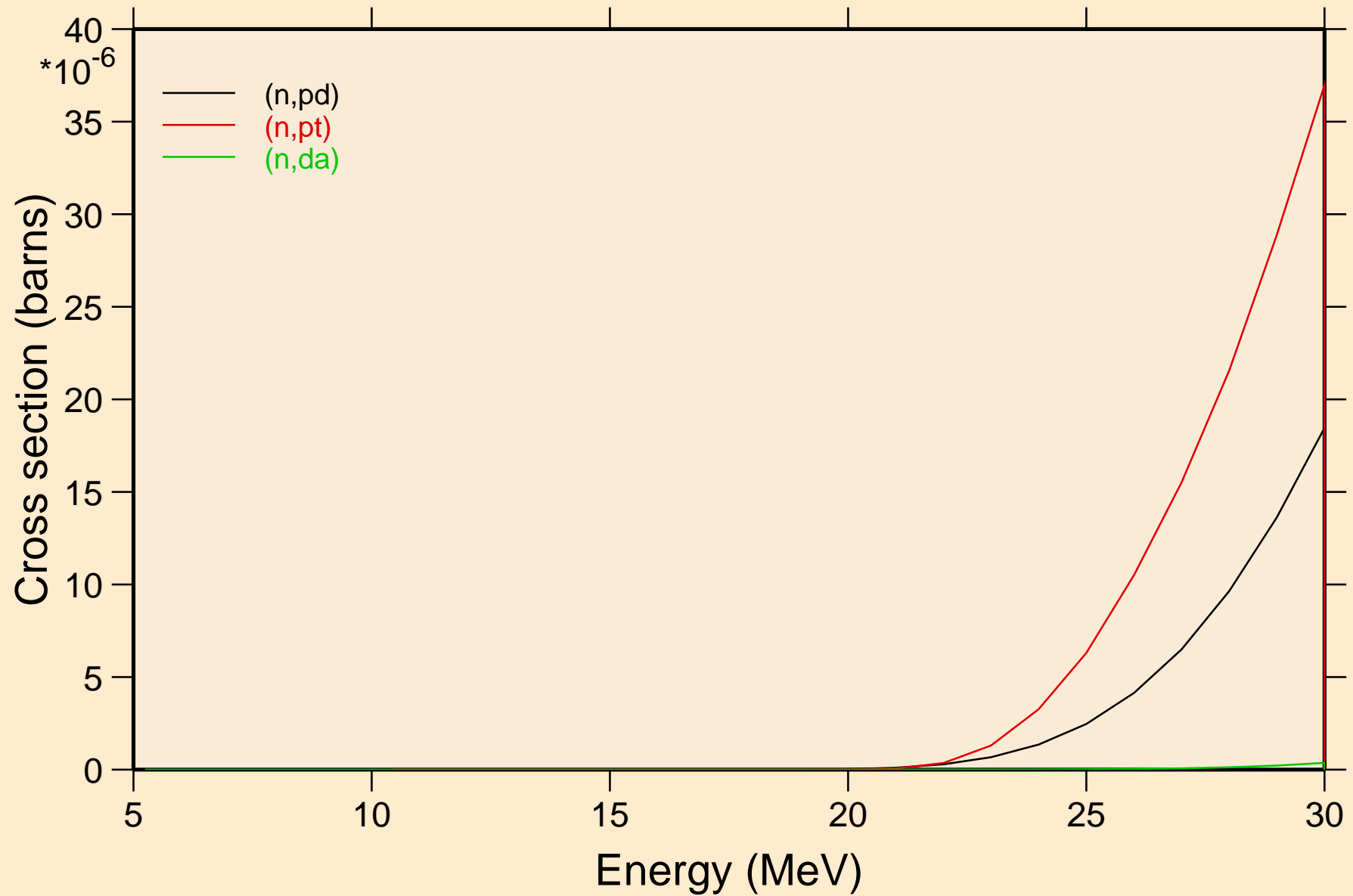
# CE135 NRG TENDL-2015, AKONING

## Threshold reactions

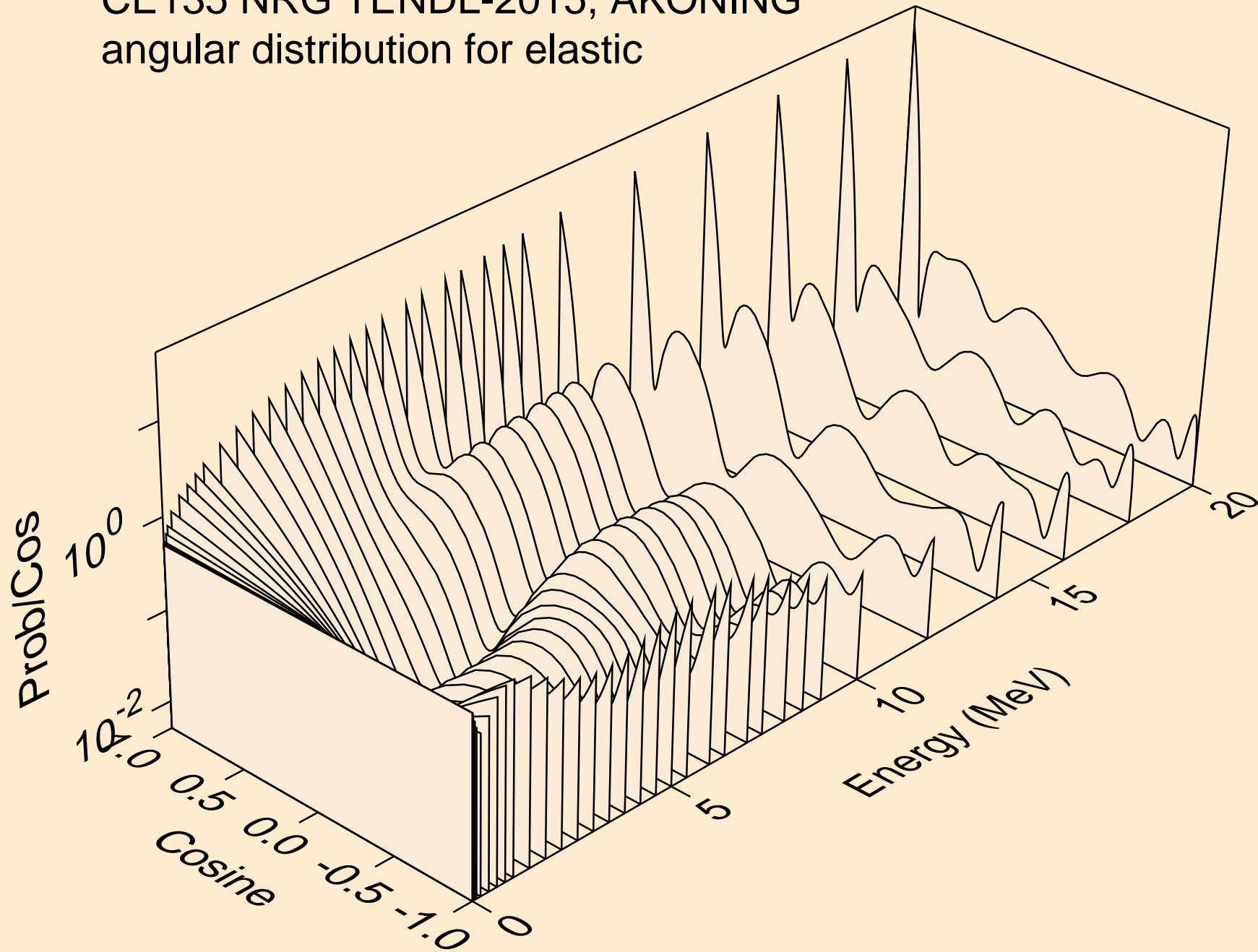


# CE135 NRG TENDL-2015, AKONING

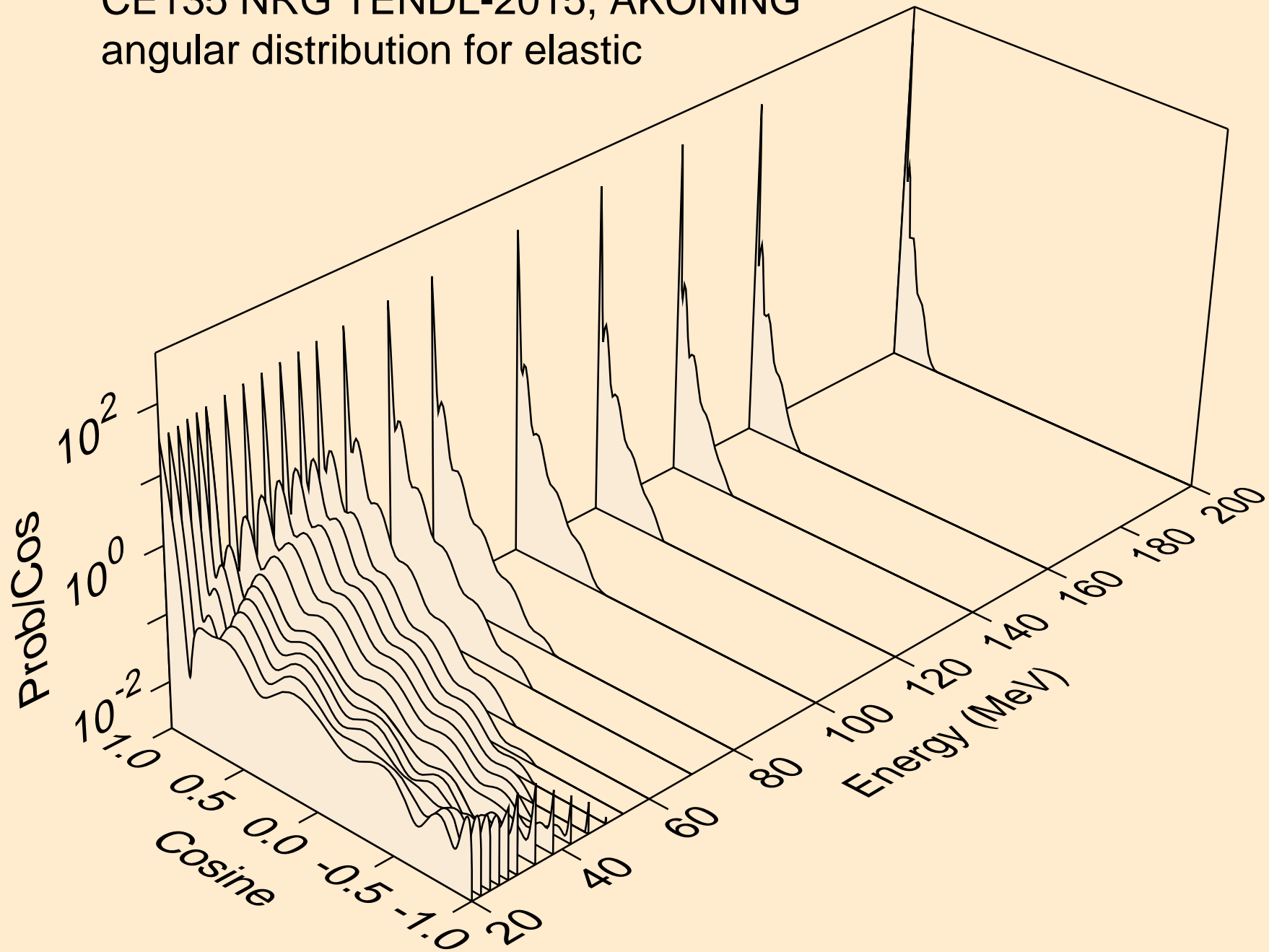
## Threshold reactions



CE135 NRG TENDL-2015, AKONING  
angular distribution for elastic

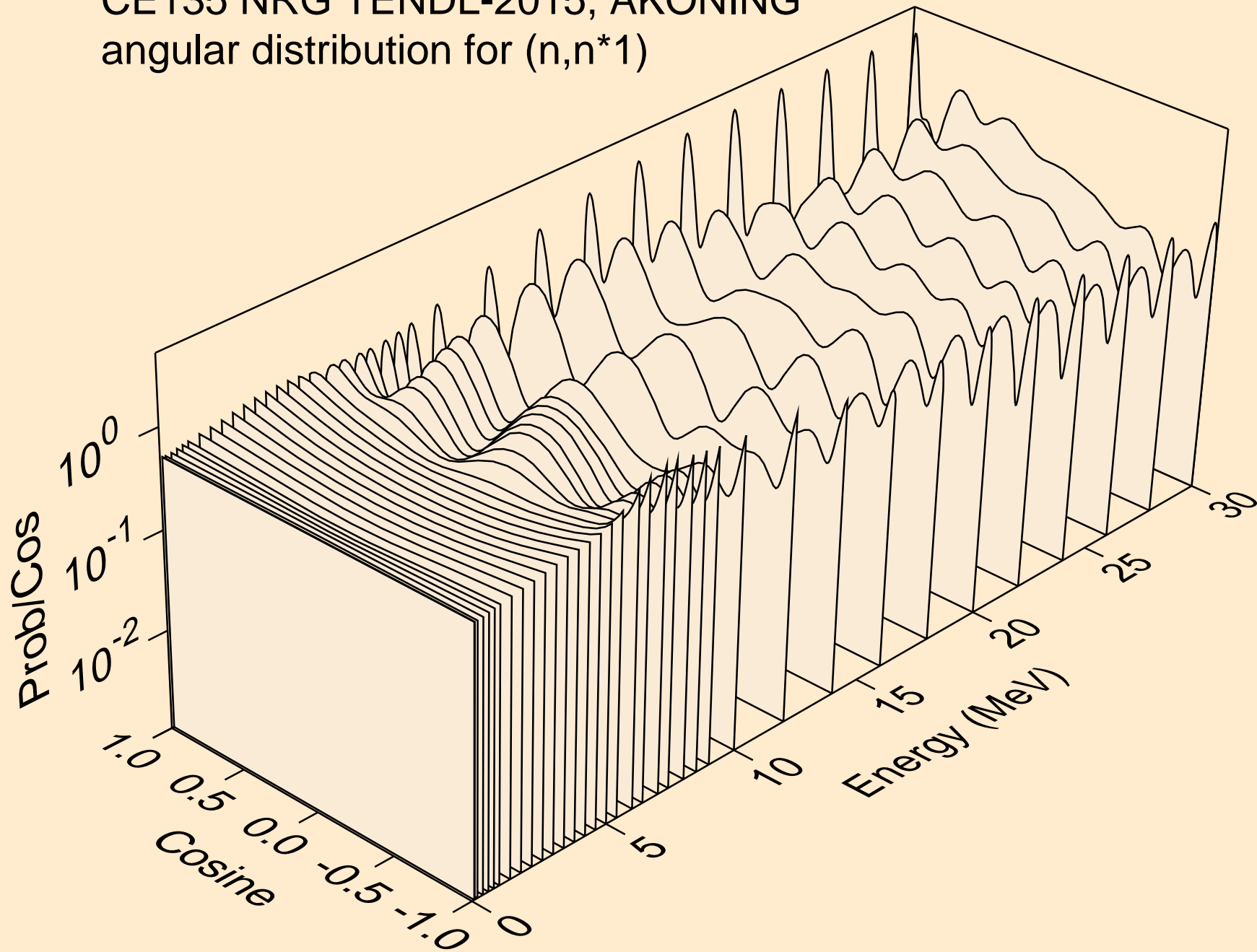


CE135 NRG TENDL-2015, AKONING  
angular distribution for elastic

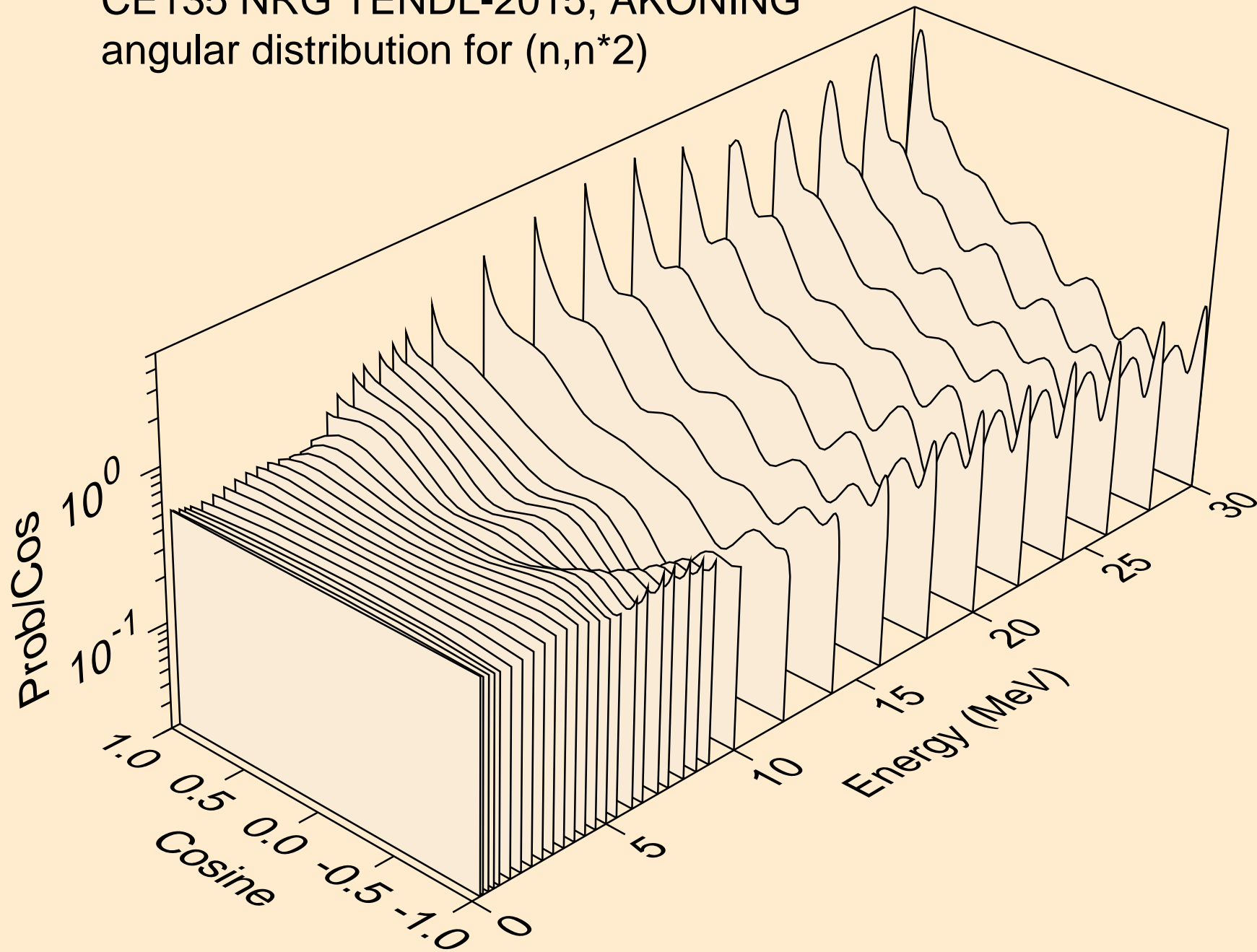




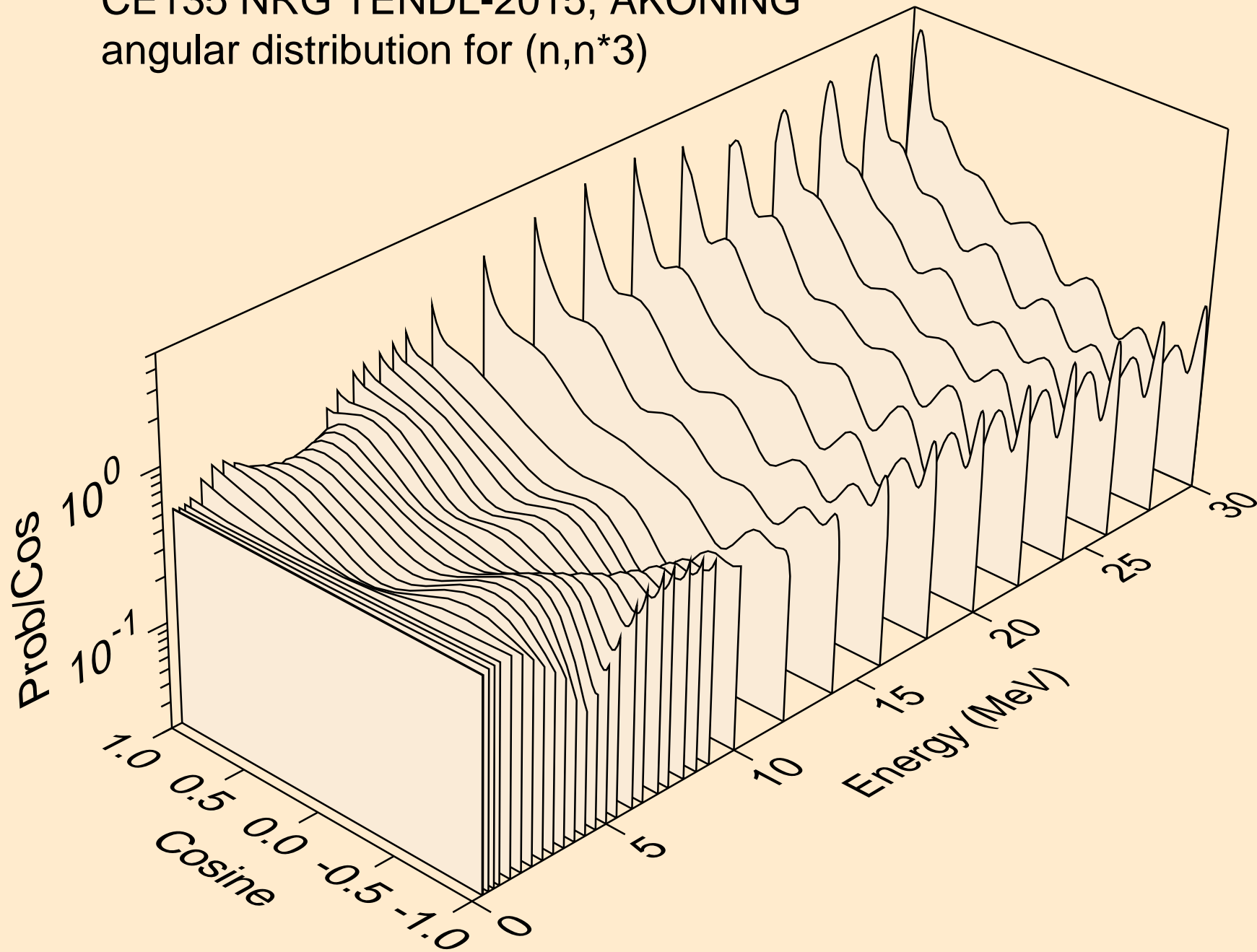
CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



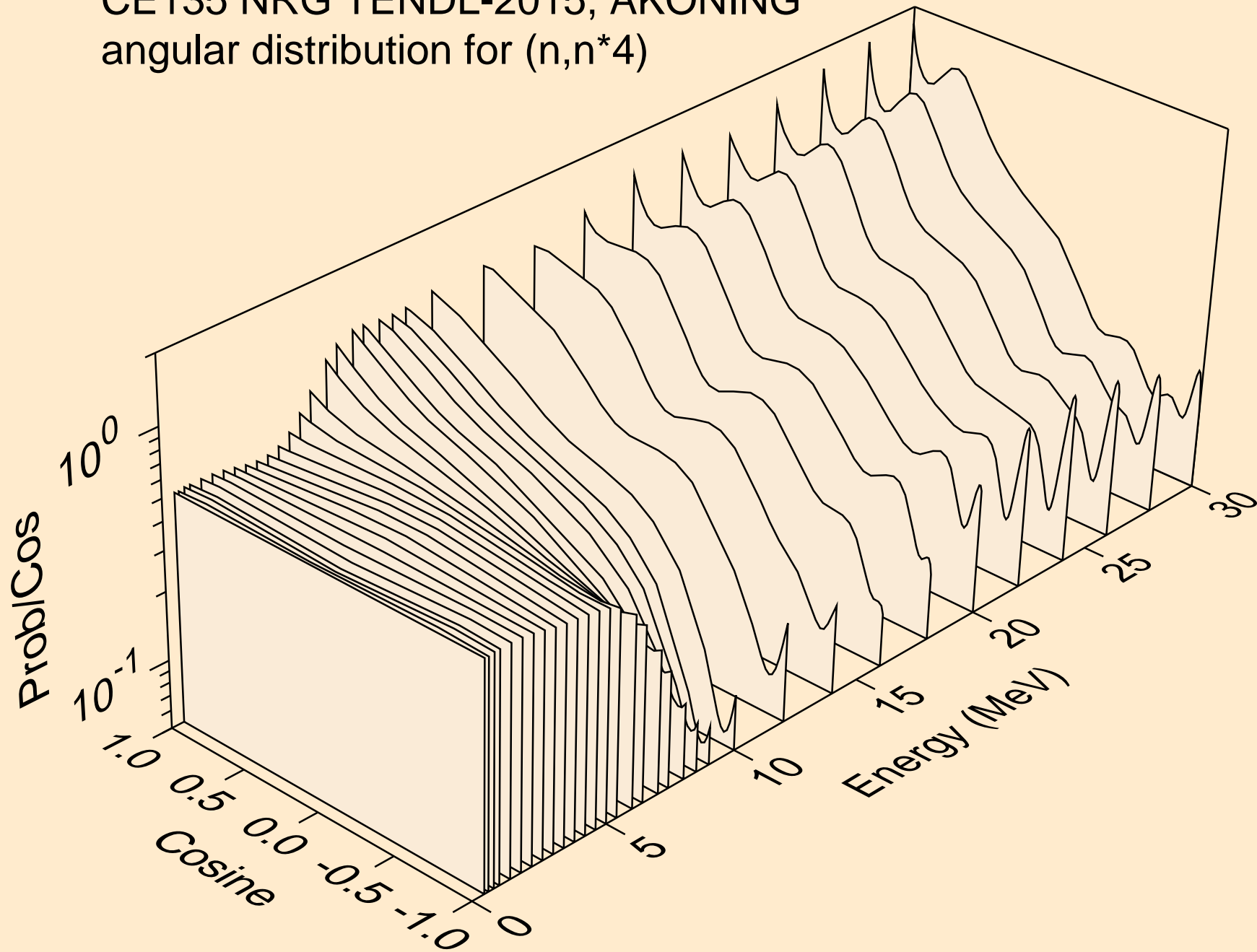
CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



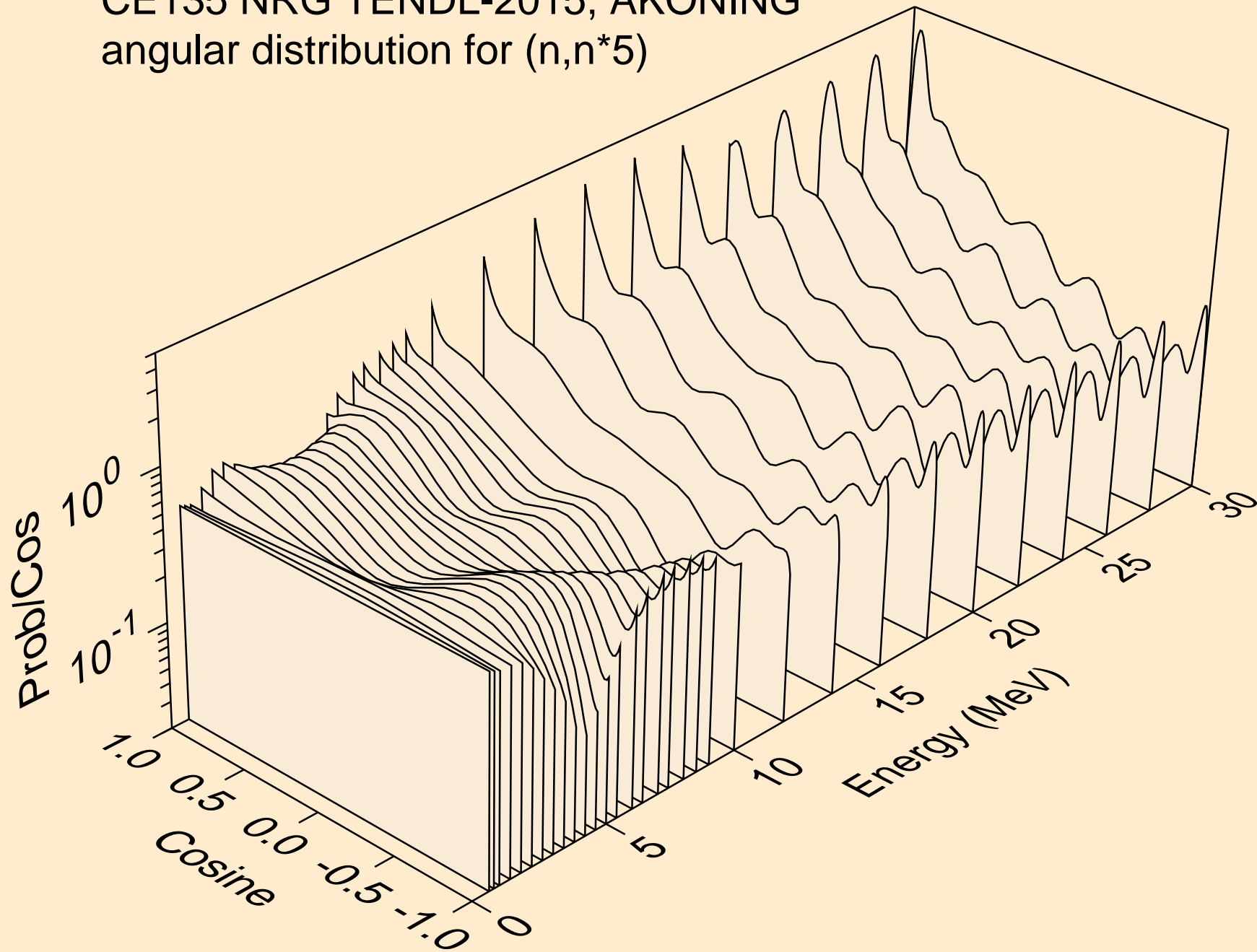
CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



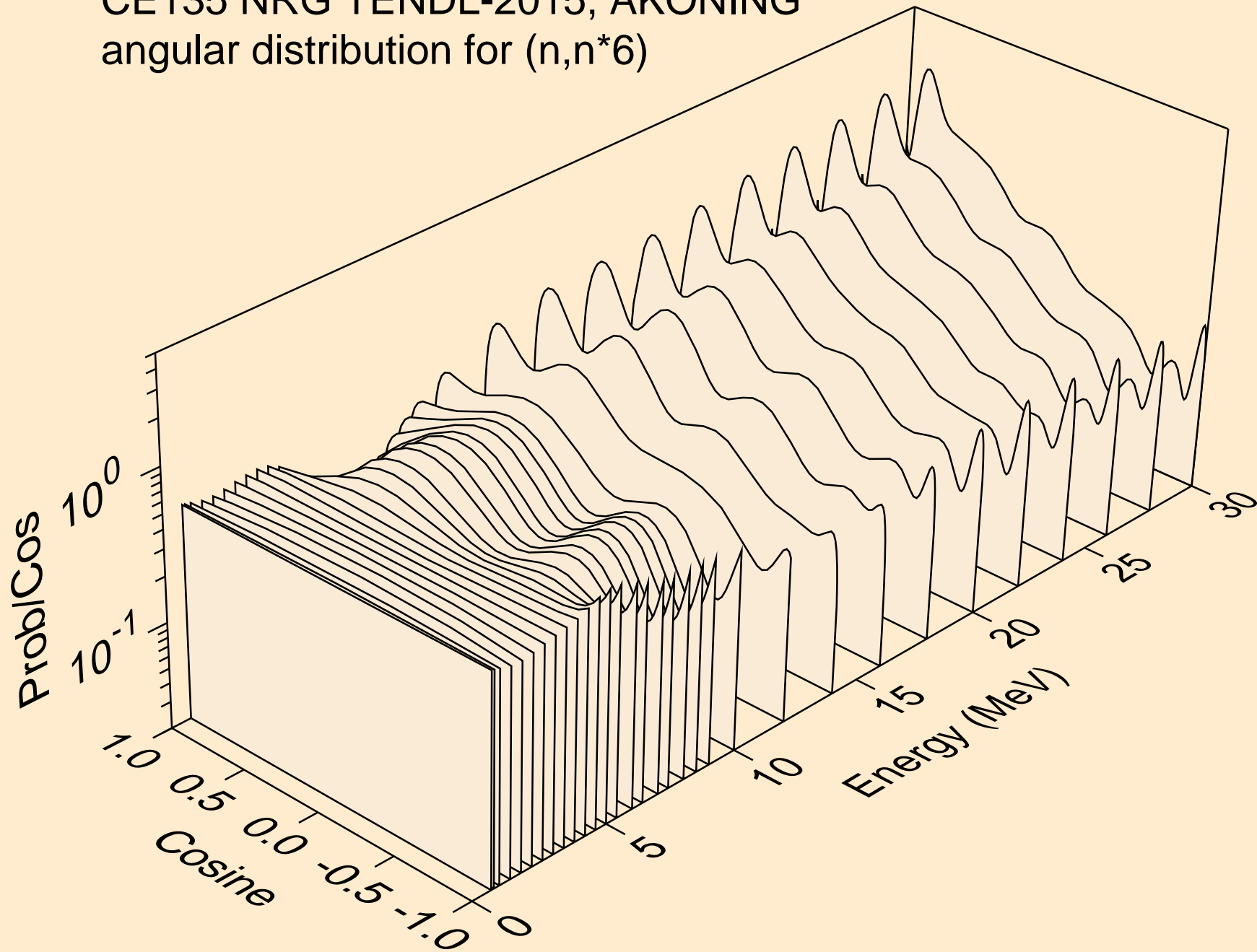
CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



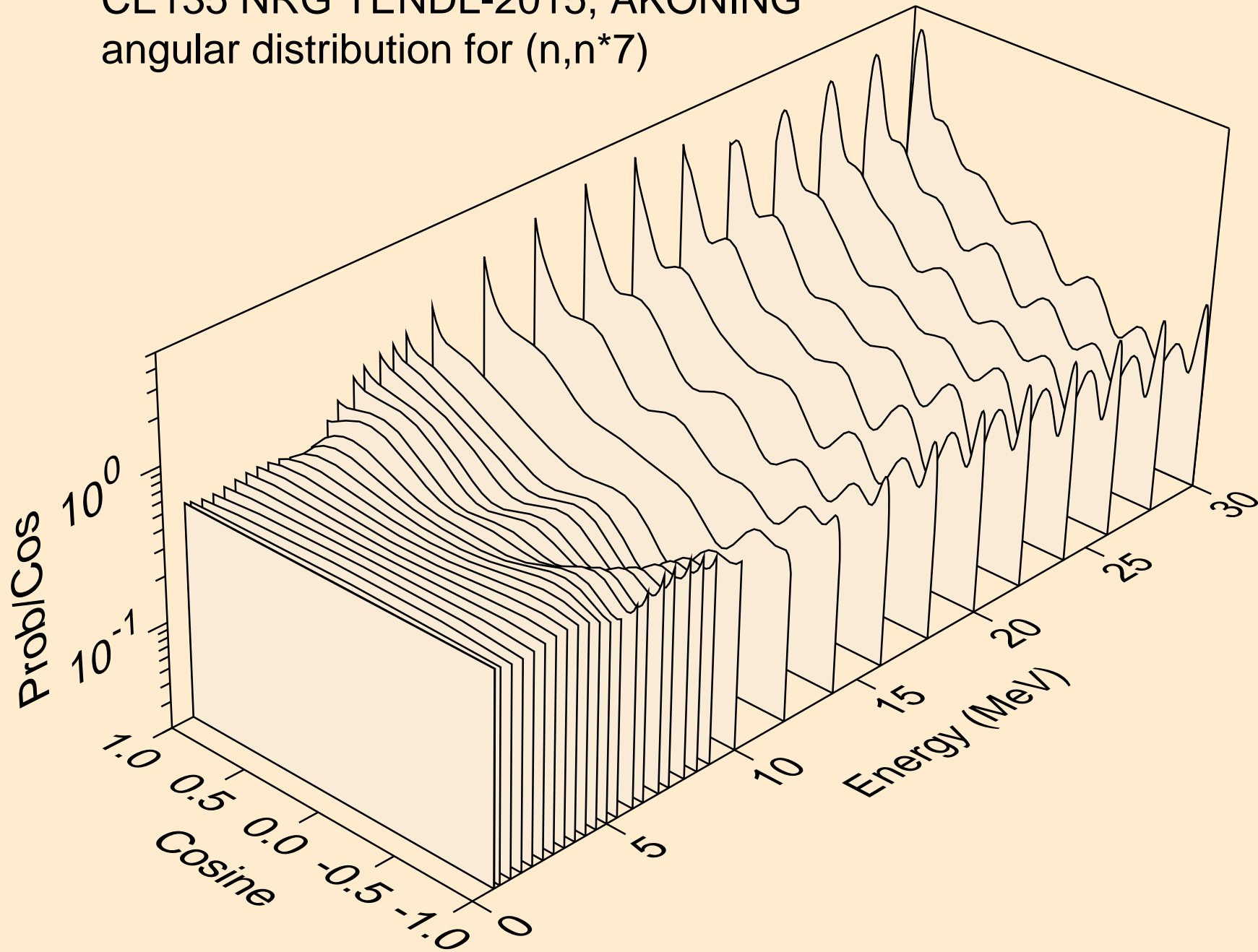
CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



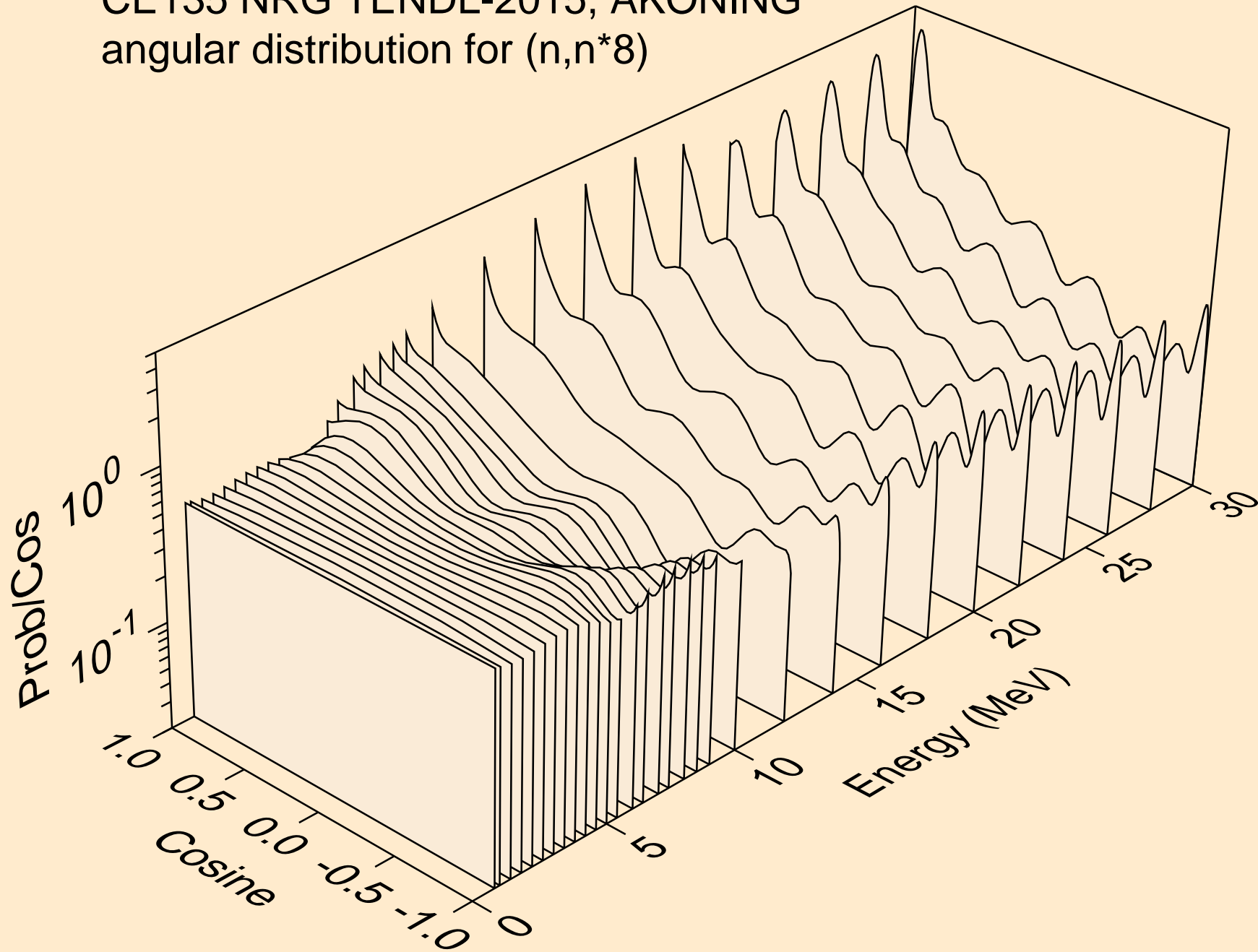
CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

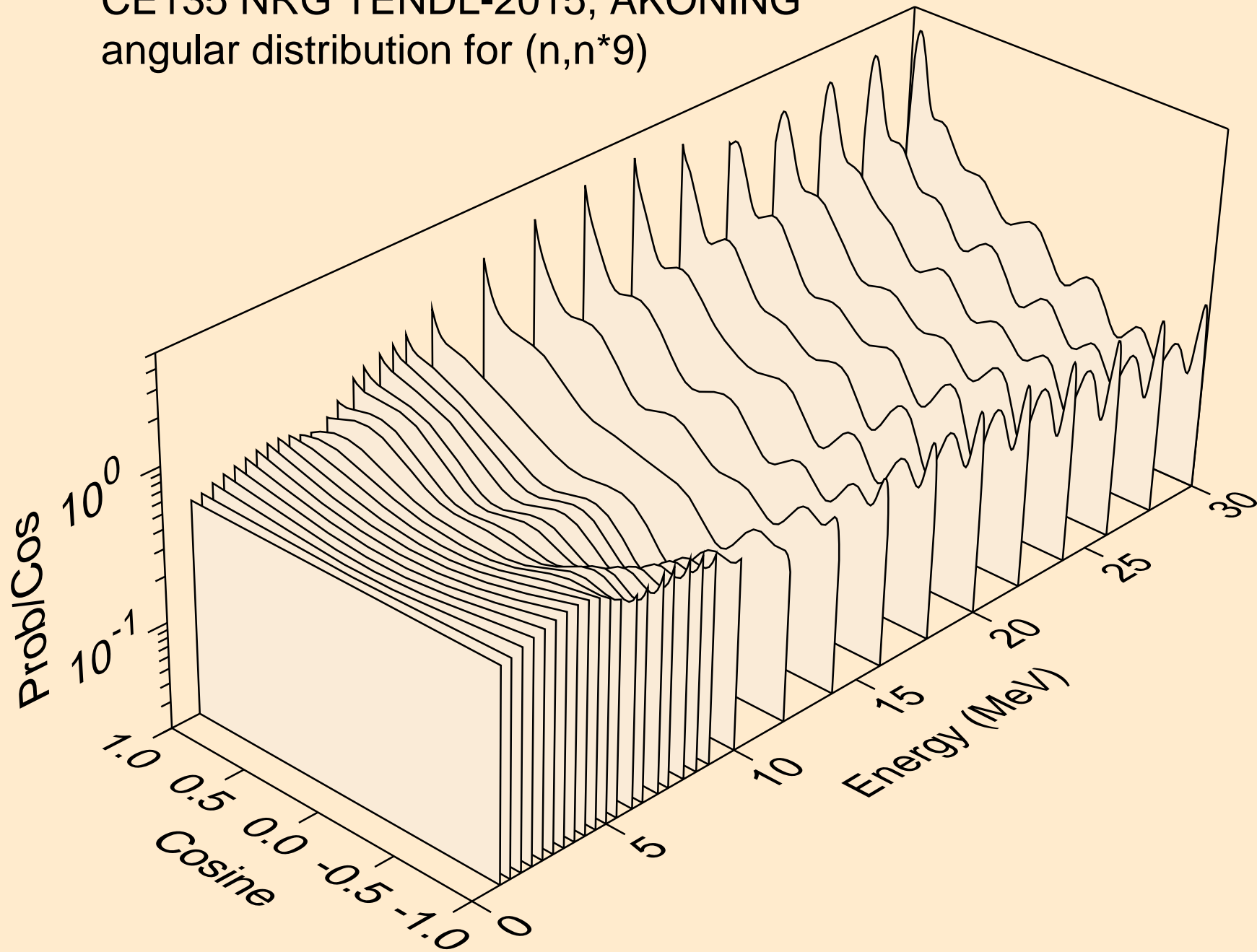


CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

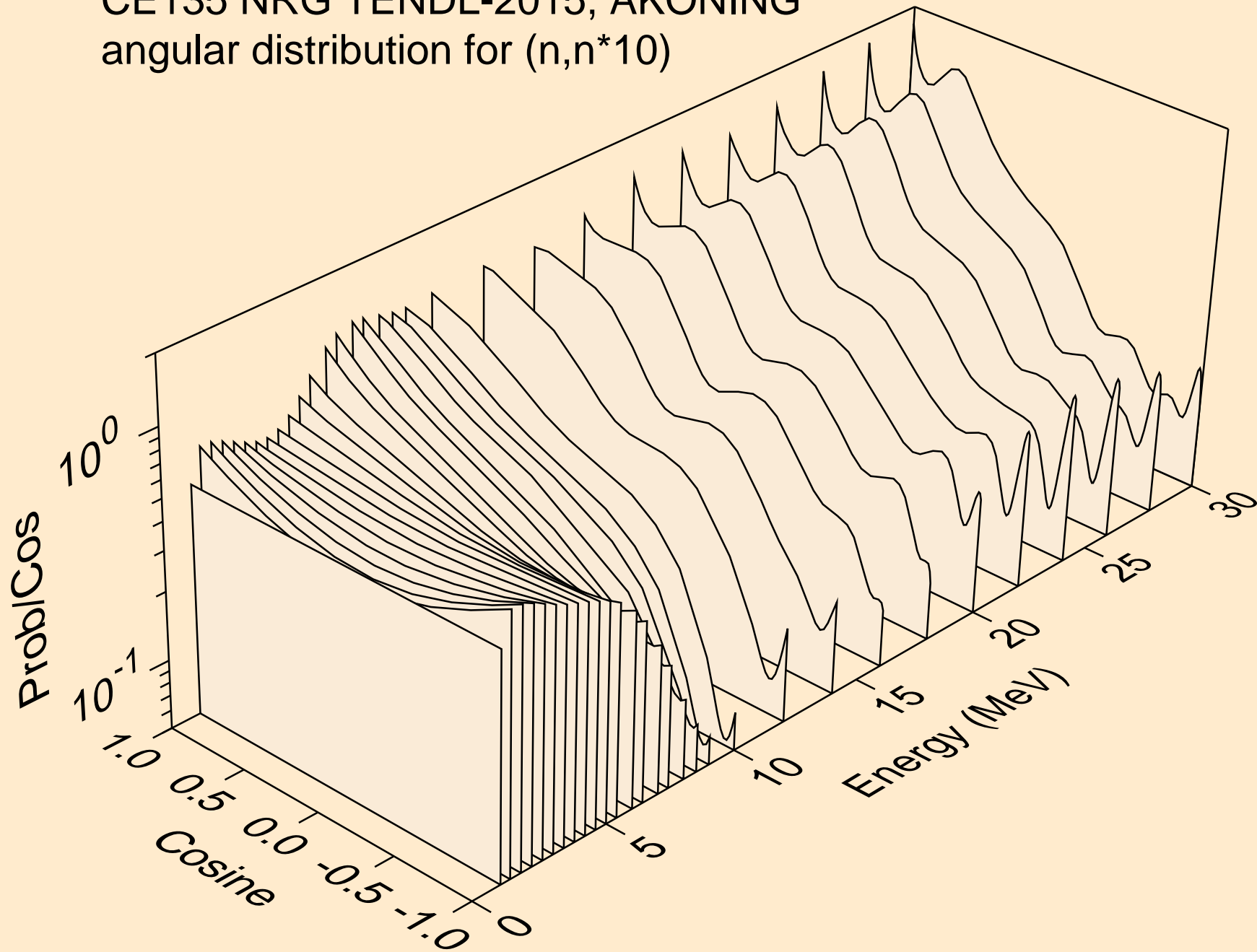




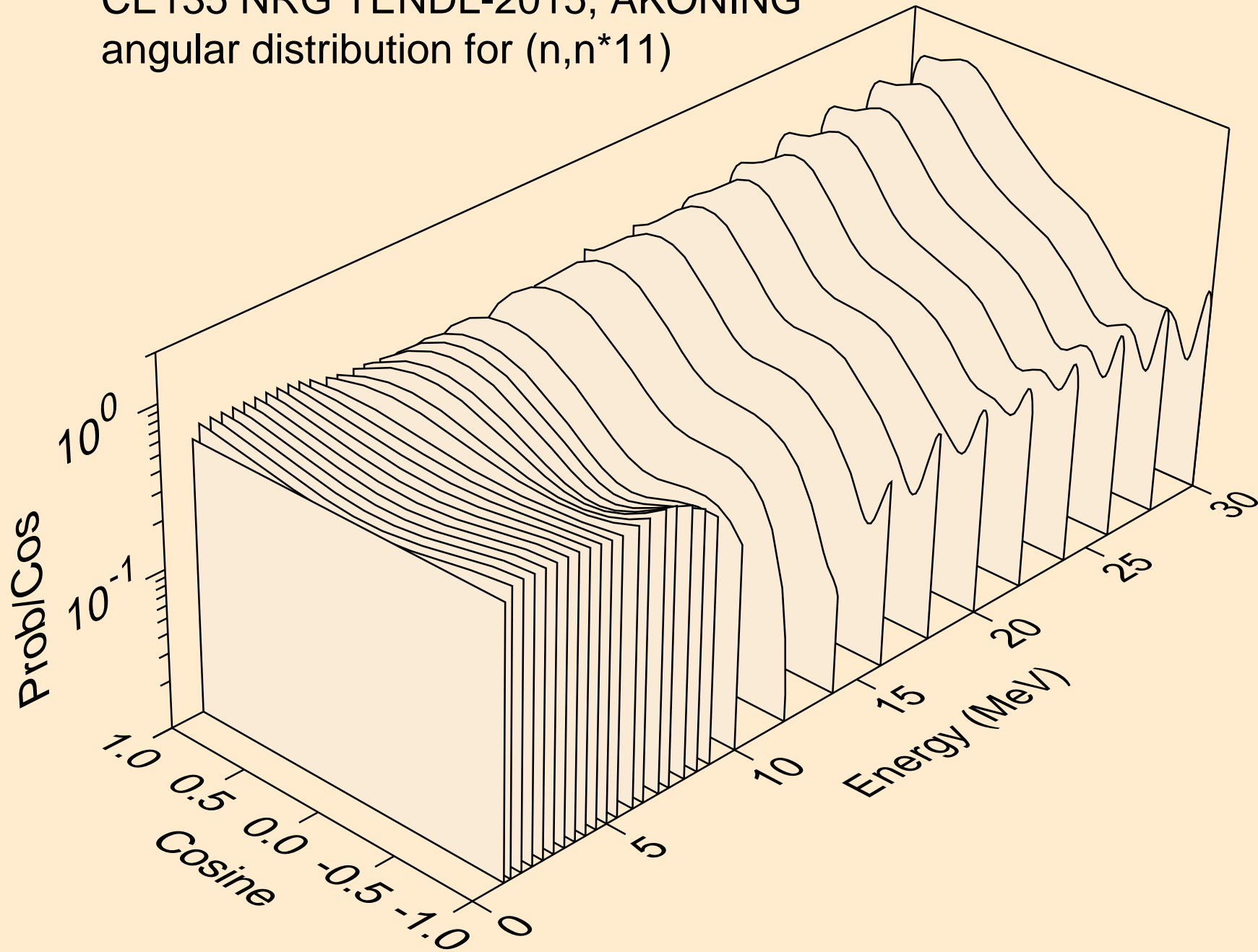
CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



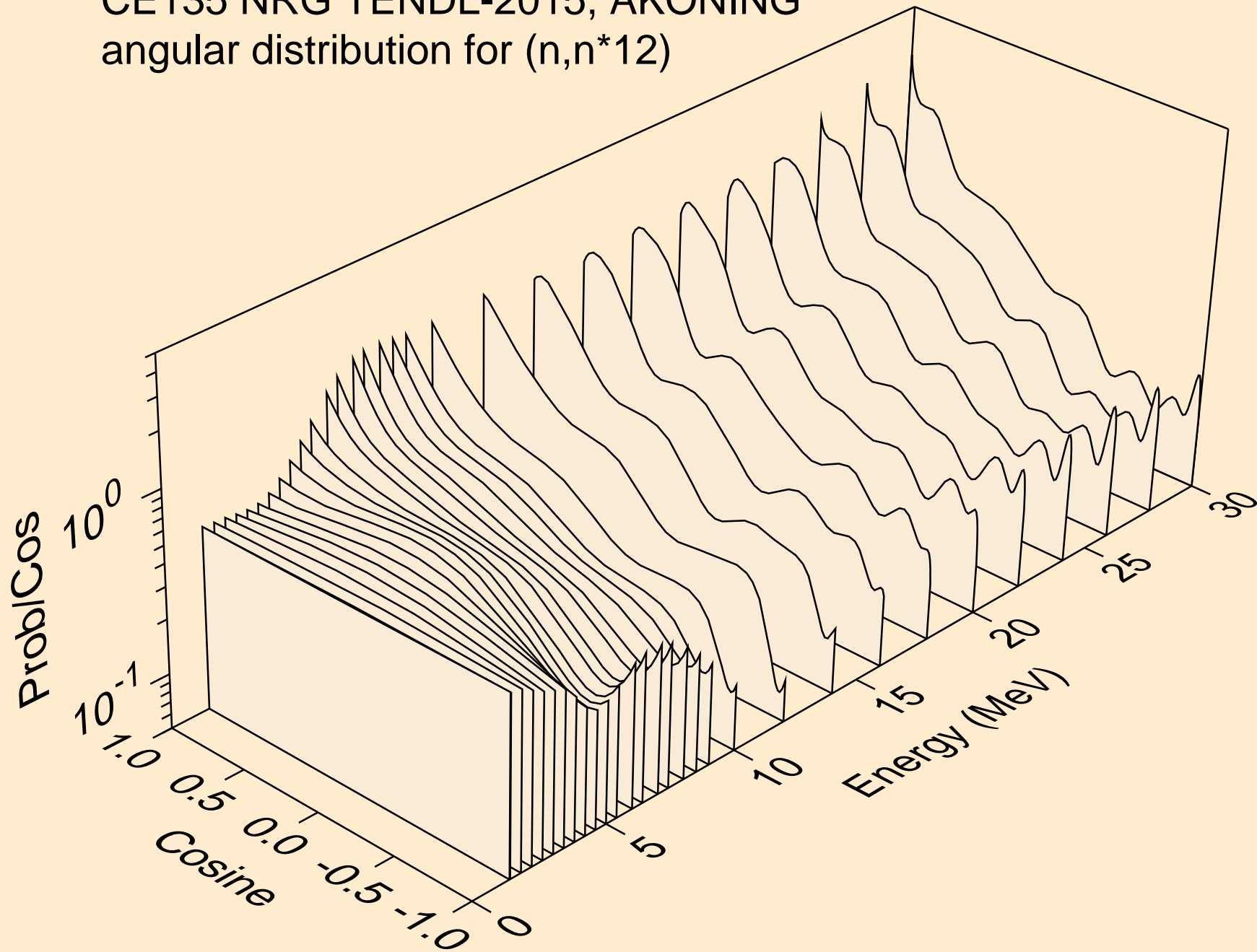
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angular distribution for (n,n\*10)



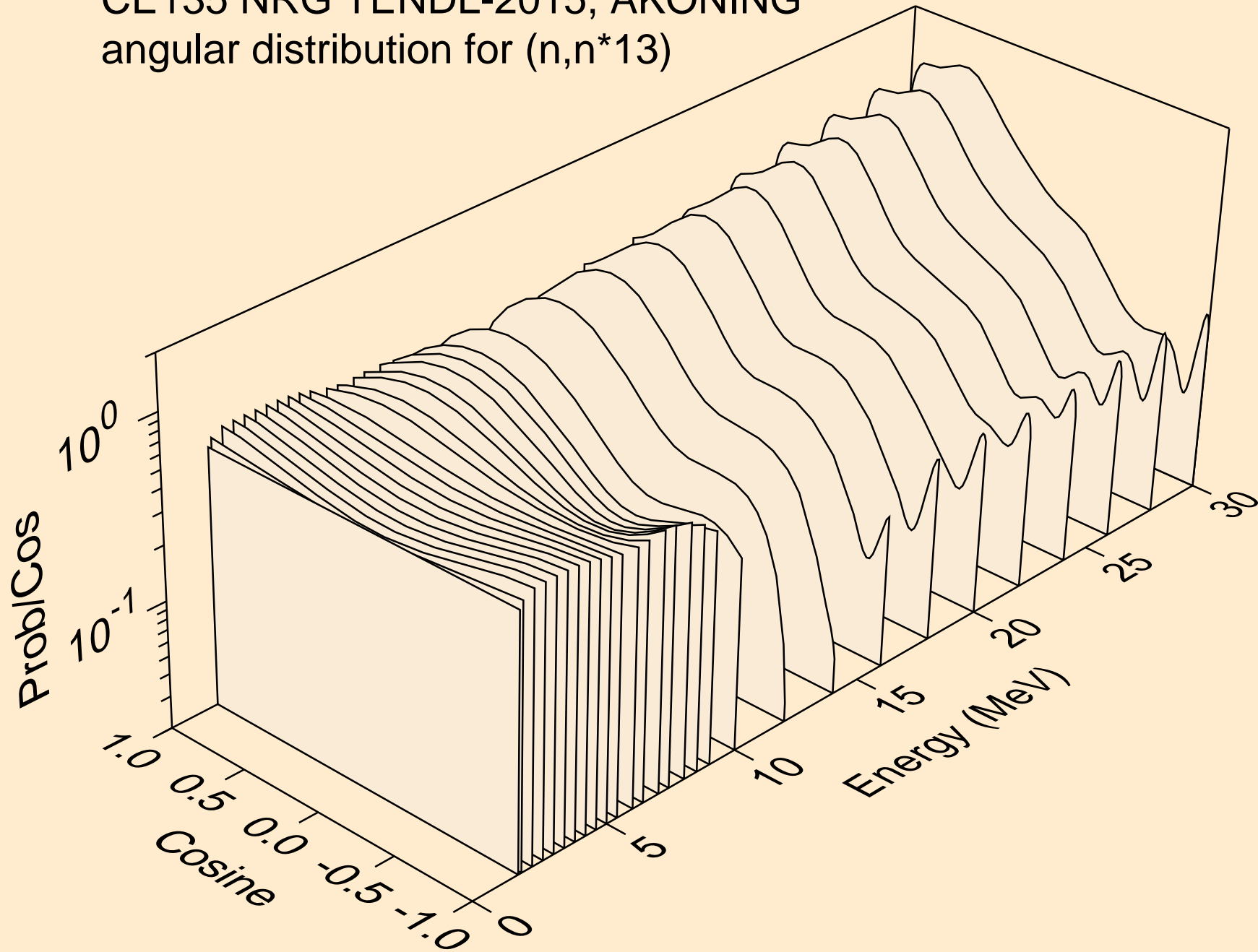
CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



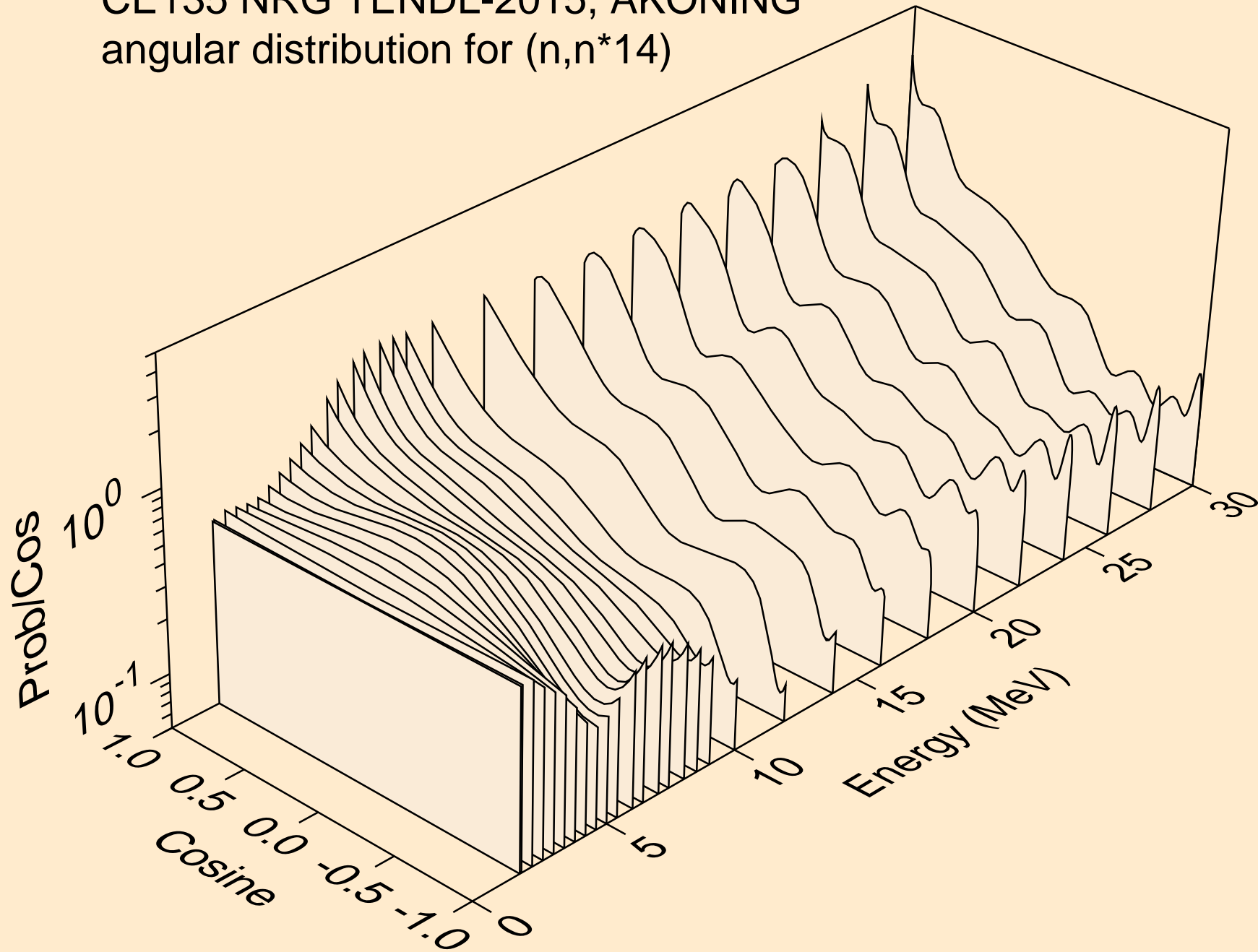
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angular distribution for (n,n\*12)



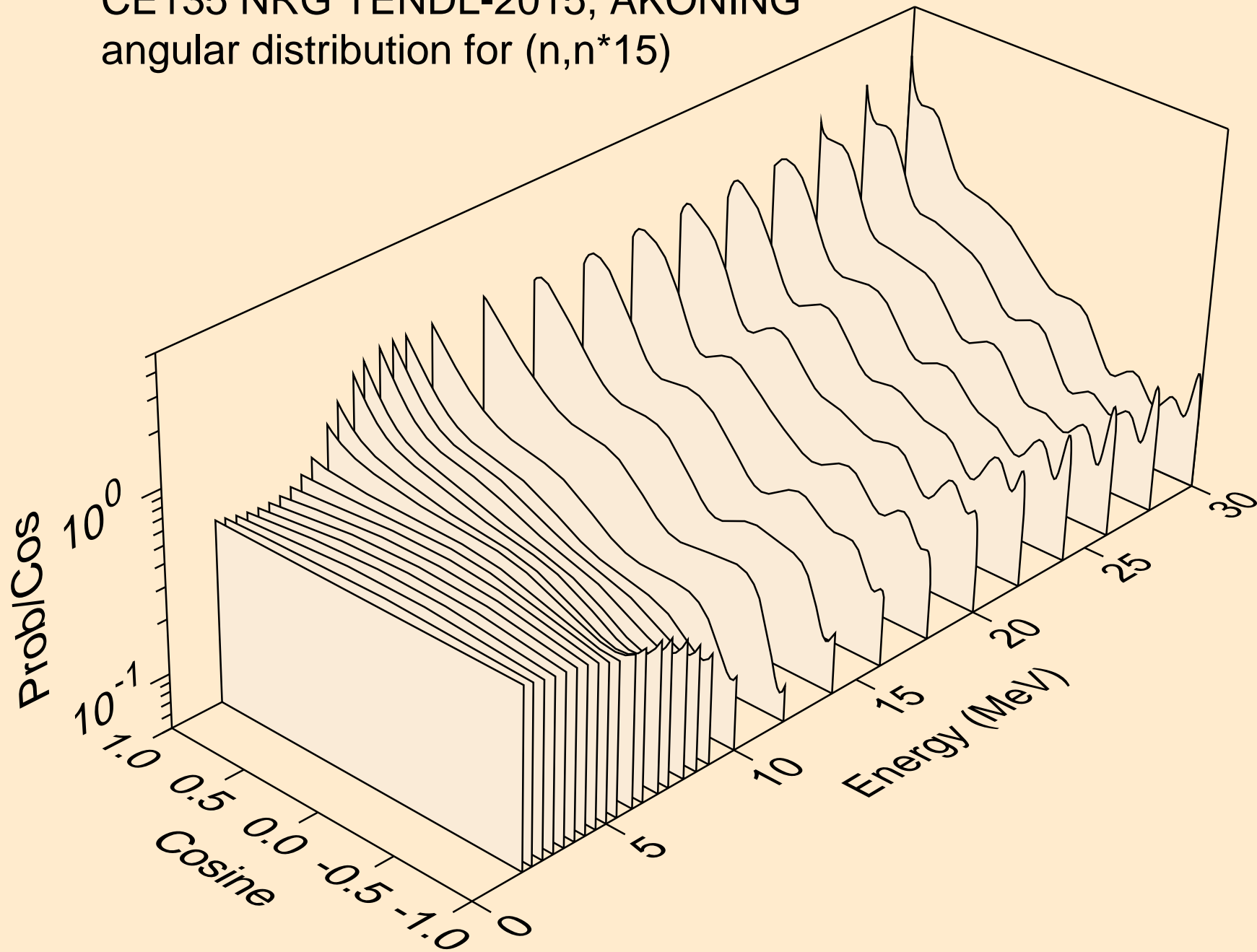
CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



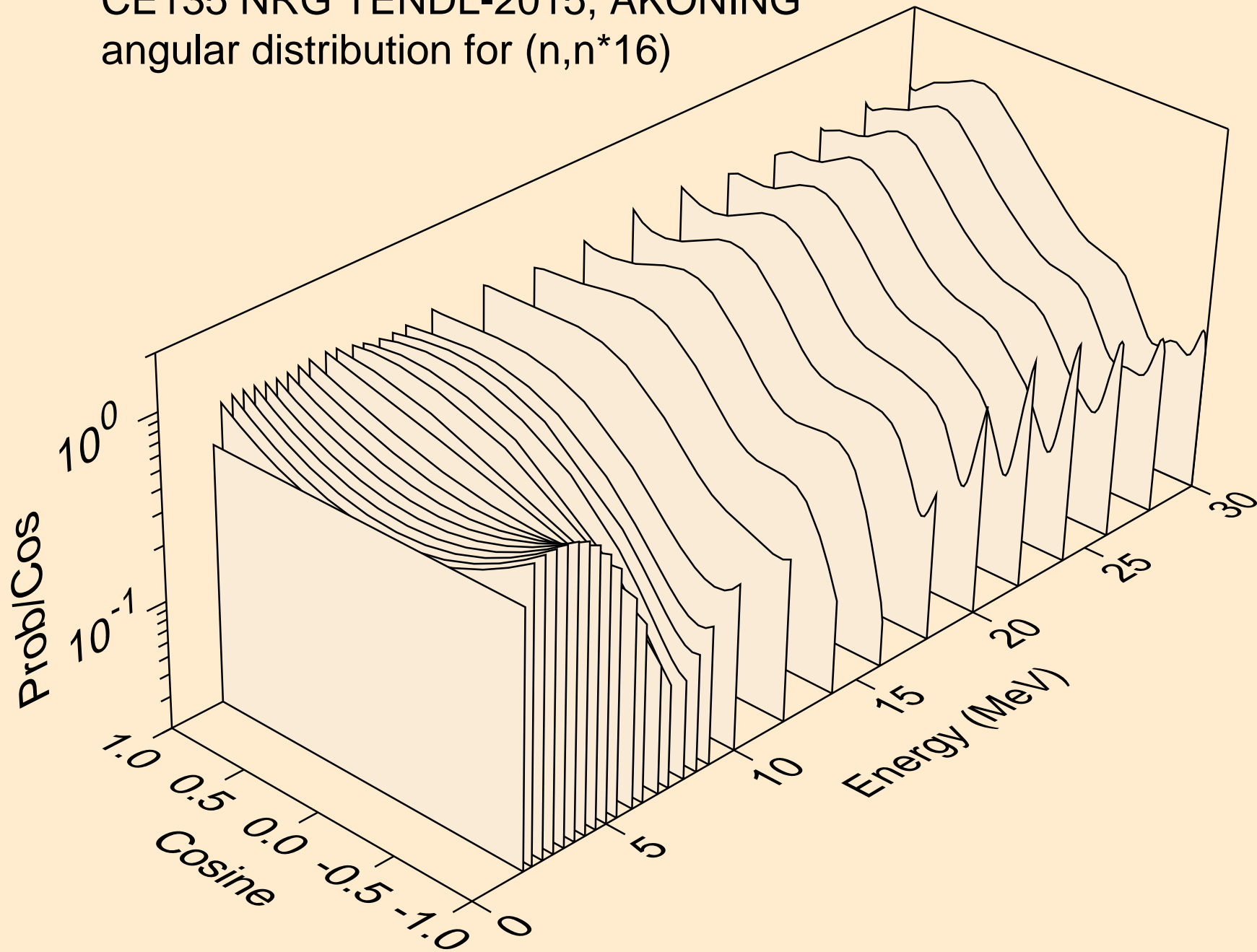
CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

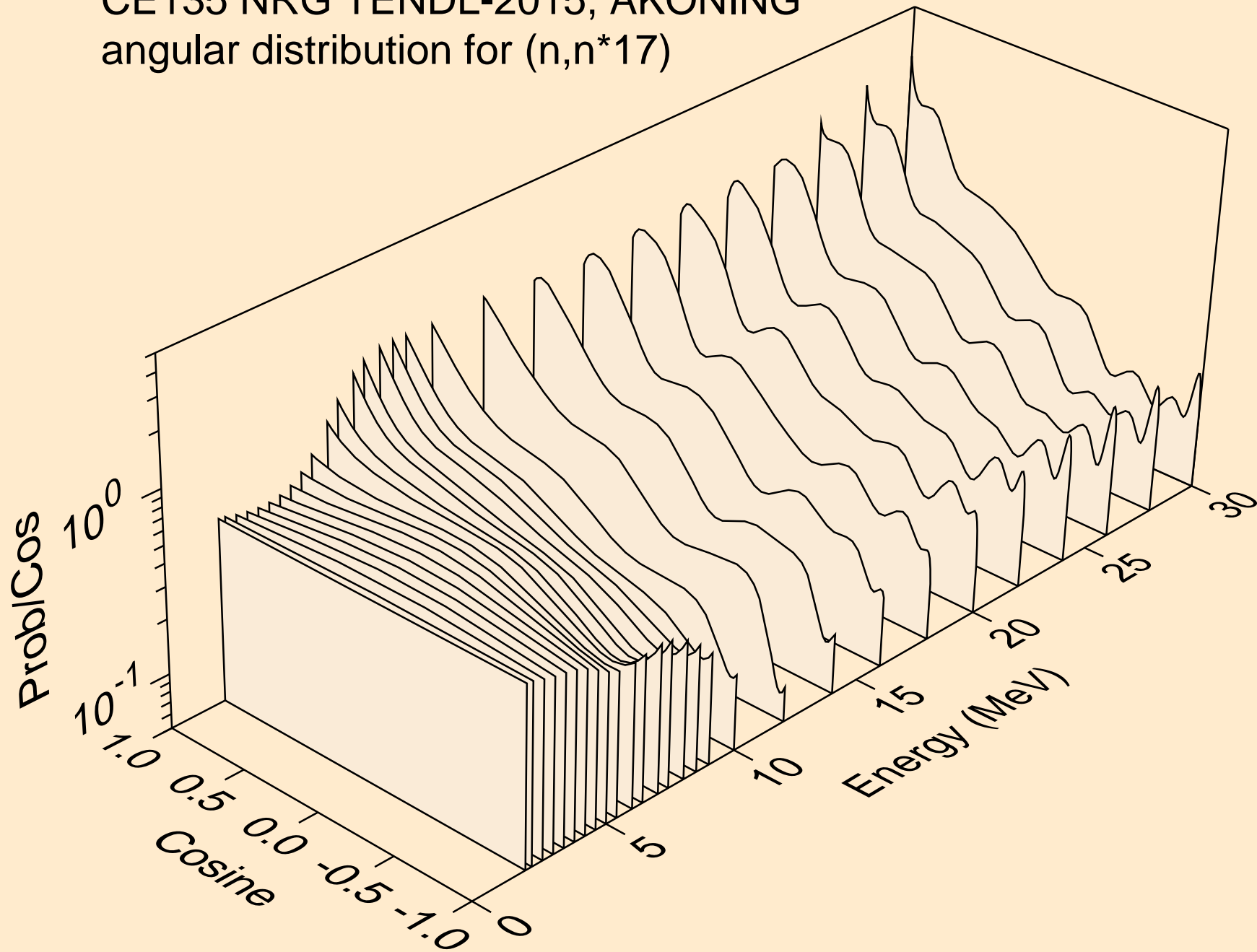


CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

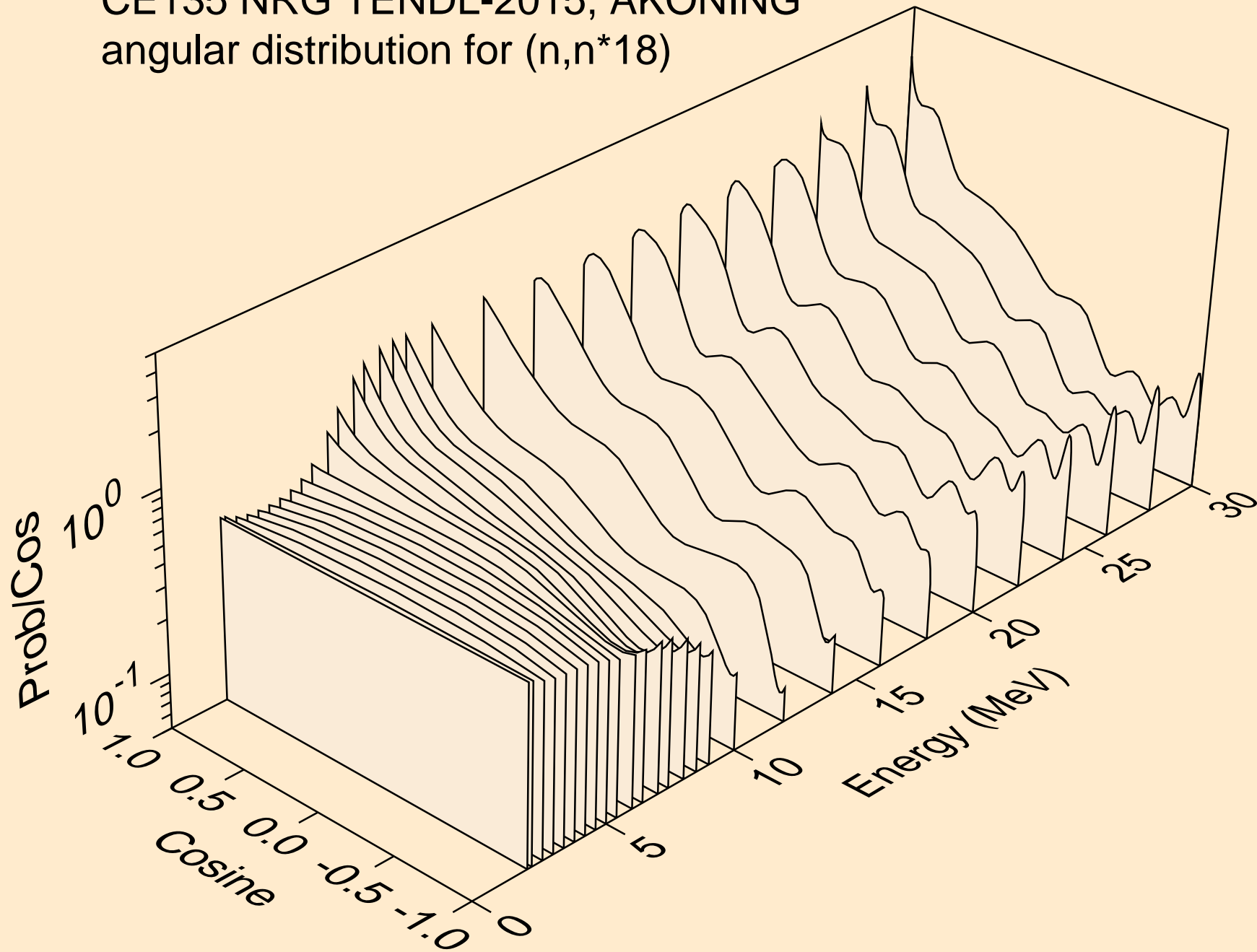




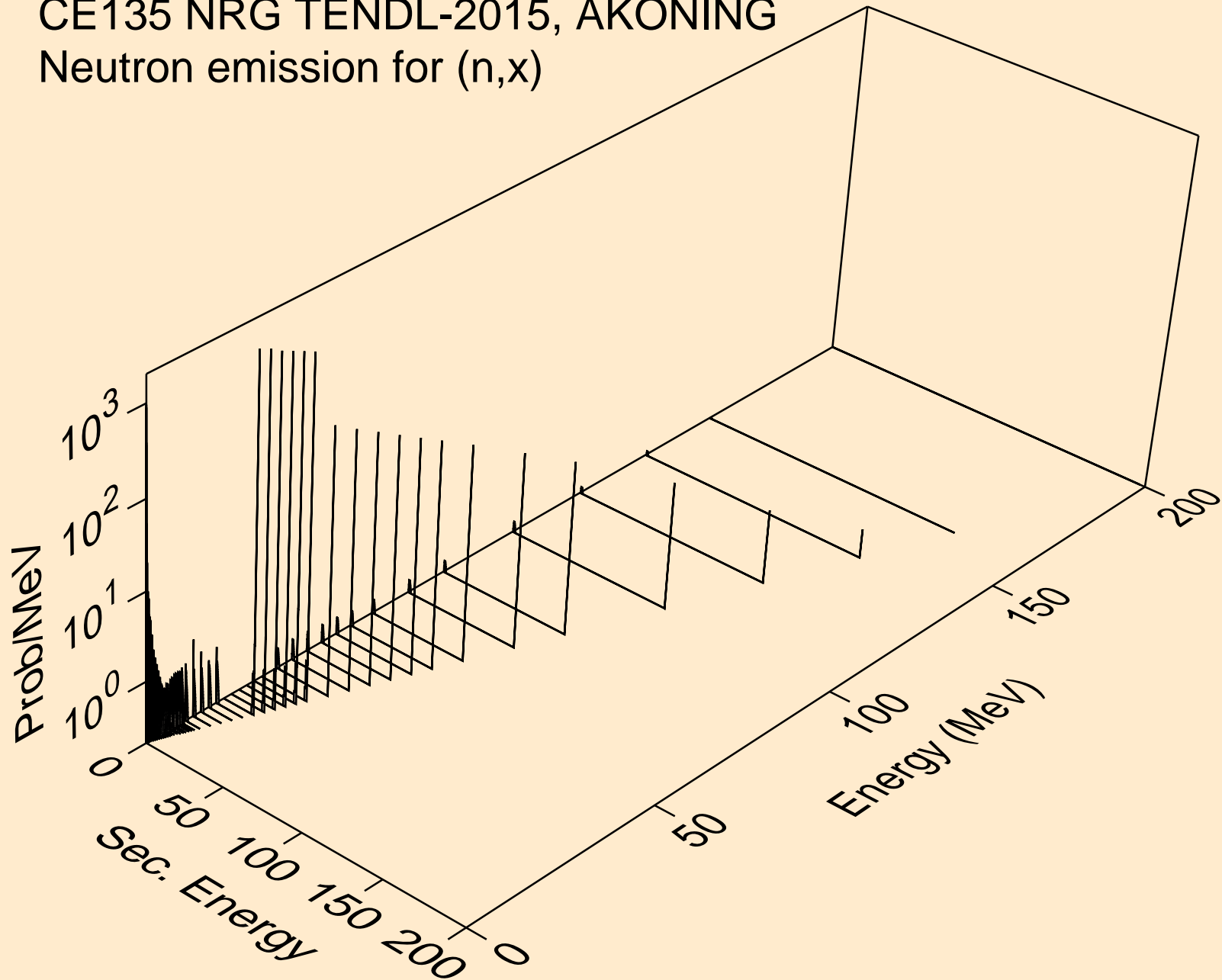
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angular distribution for (n,n\*17)



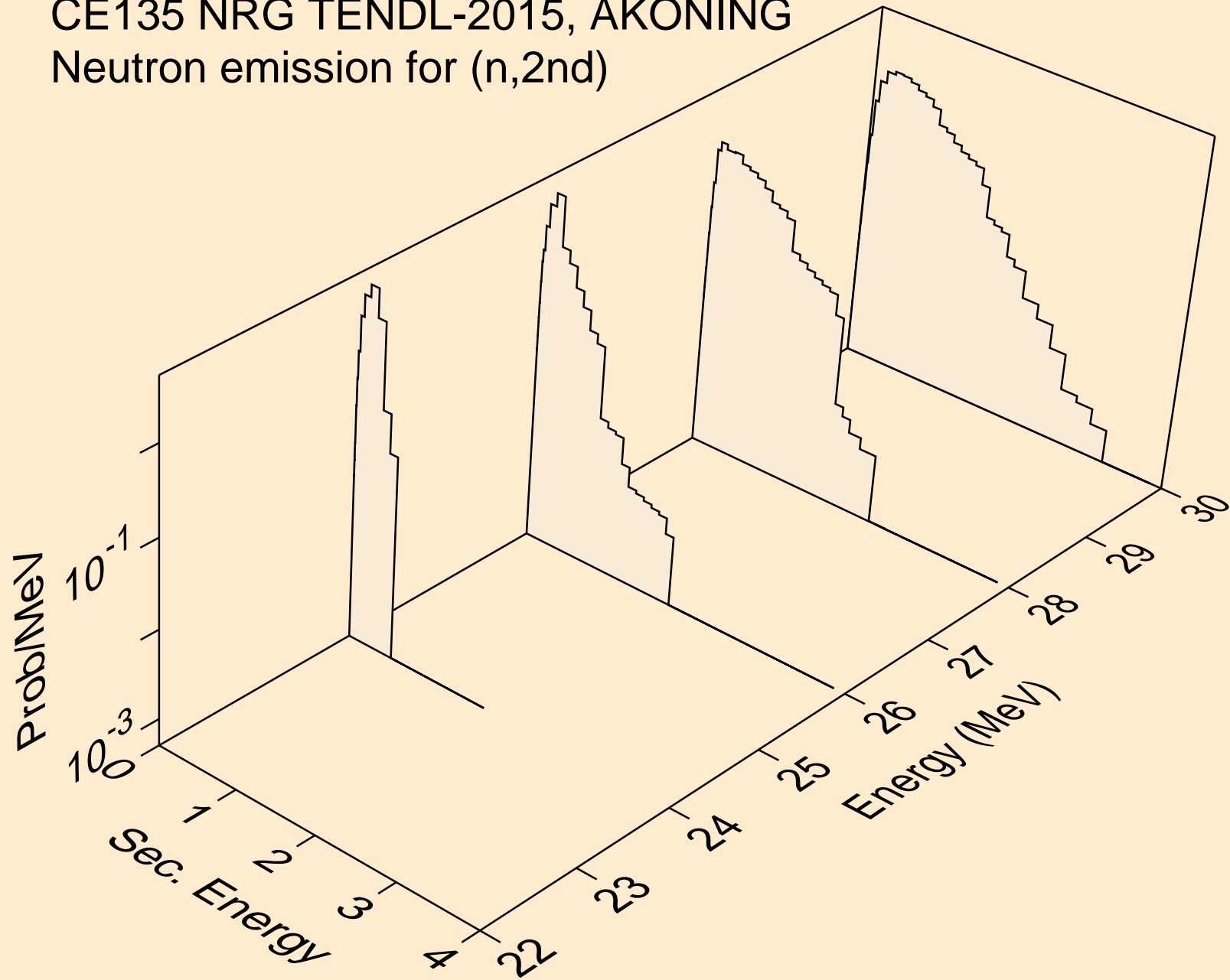
CE135 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



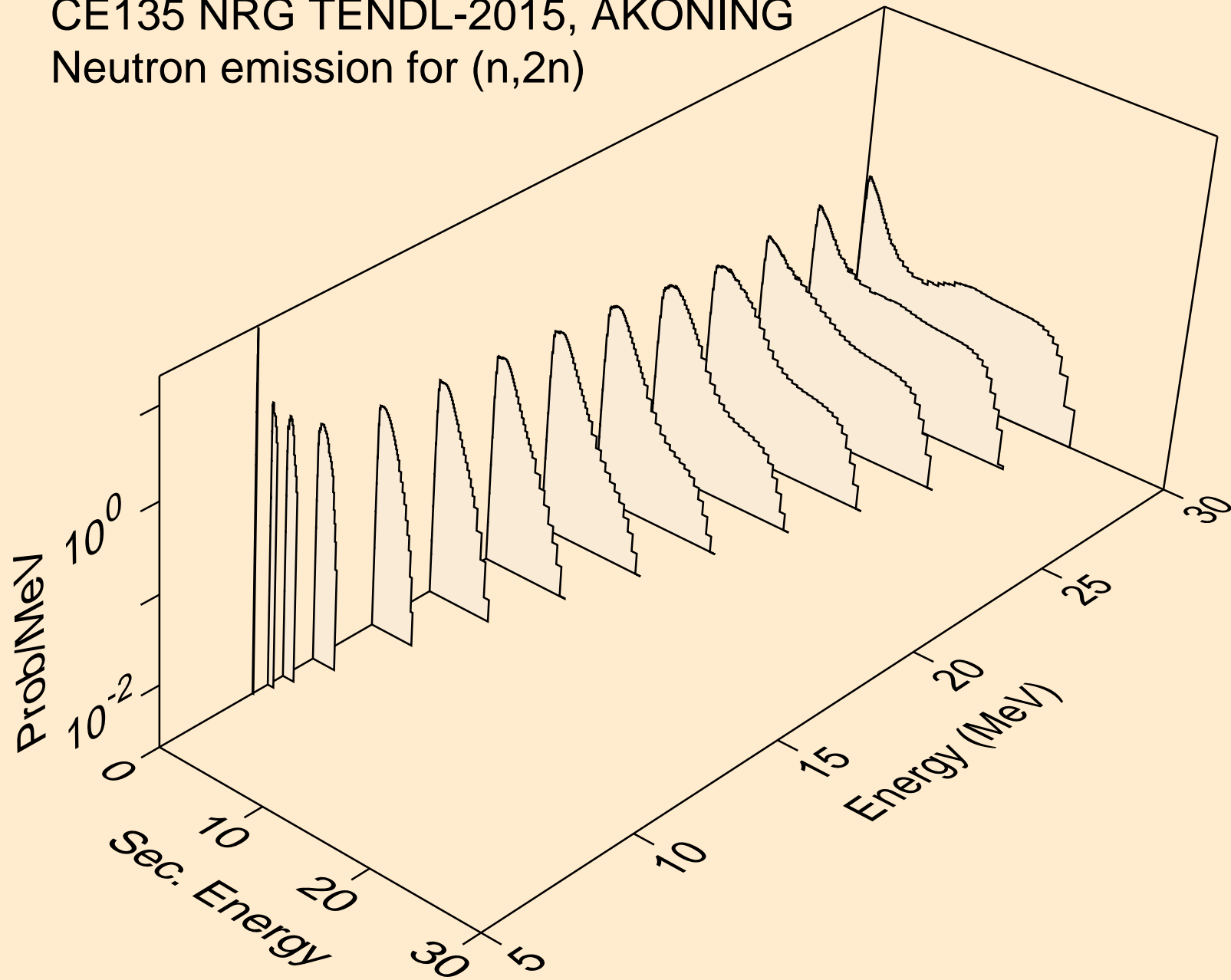
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



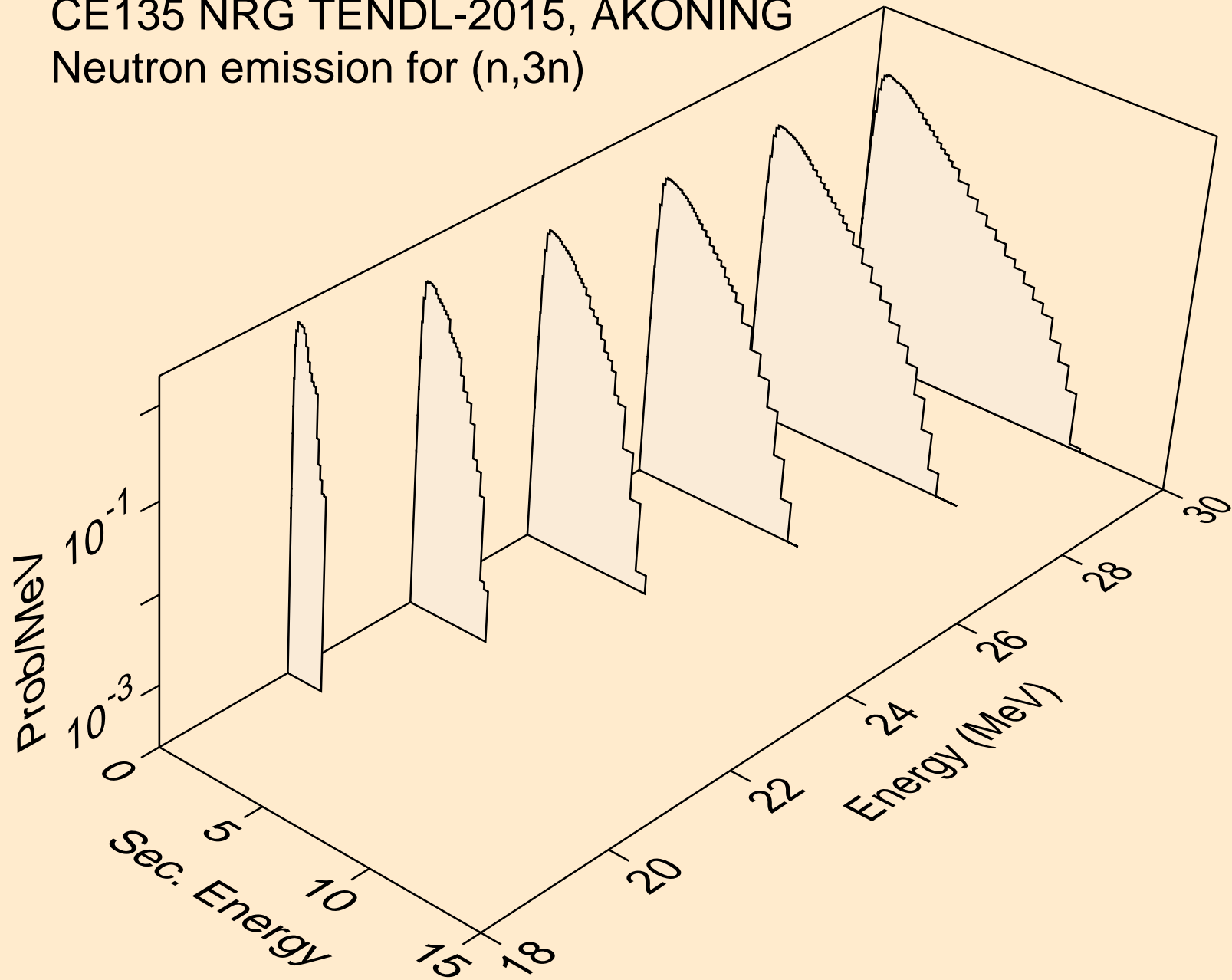
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



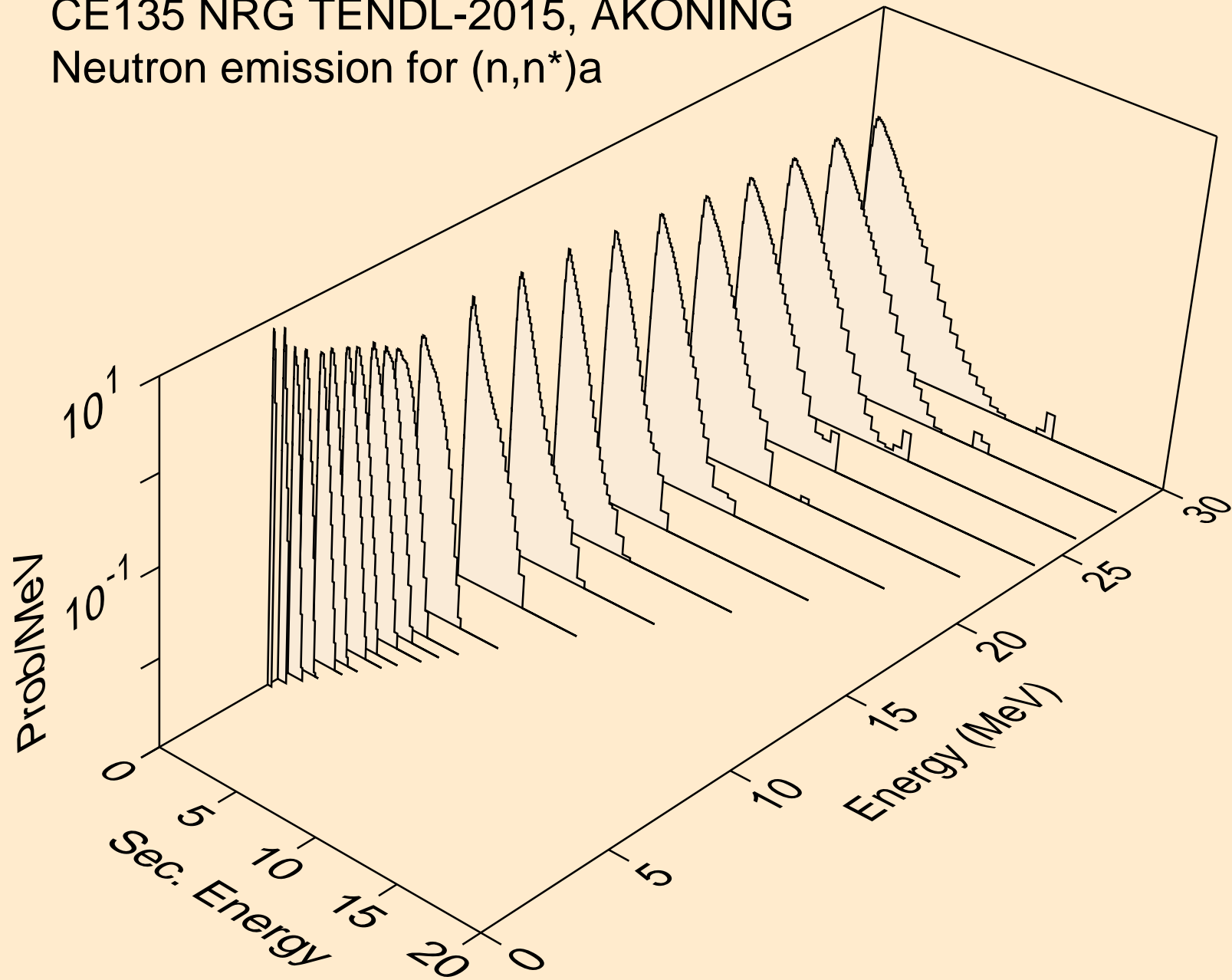
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



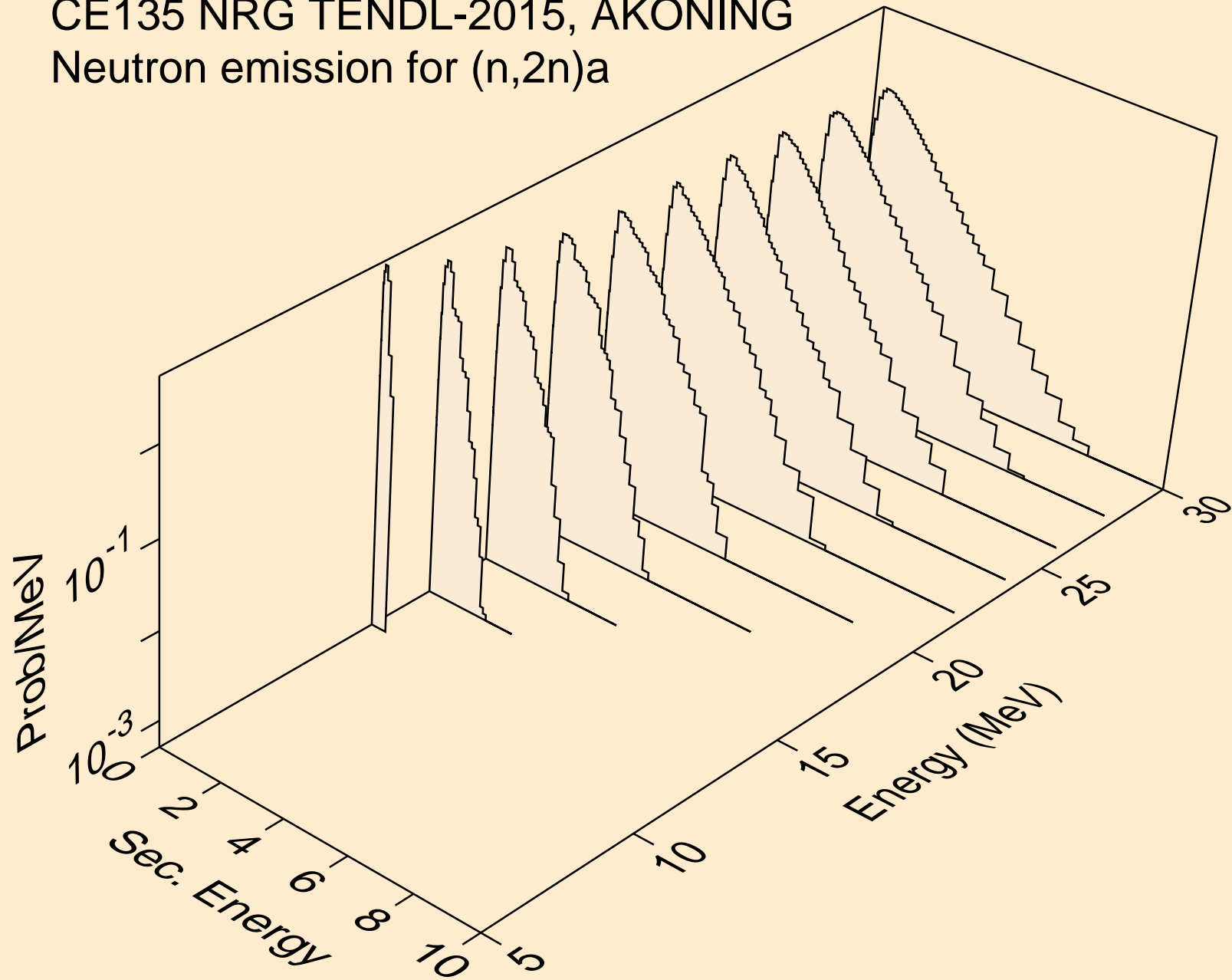
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

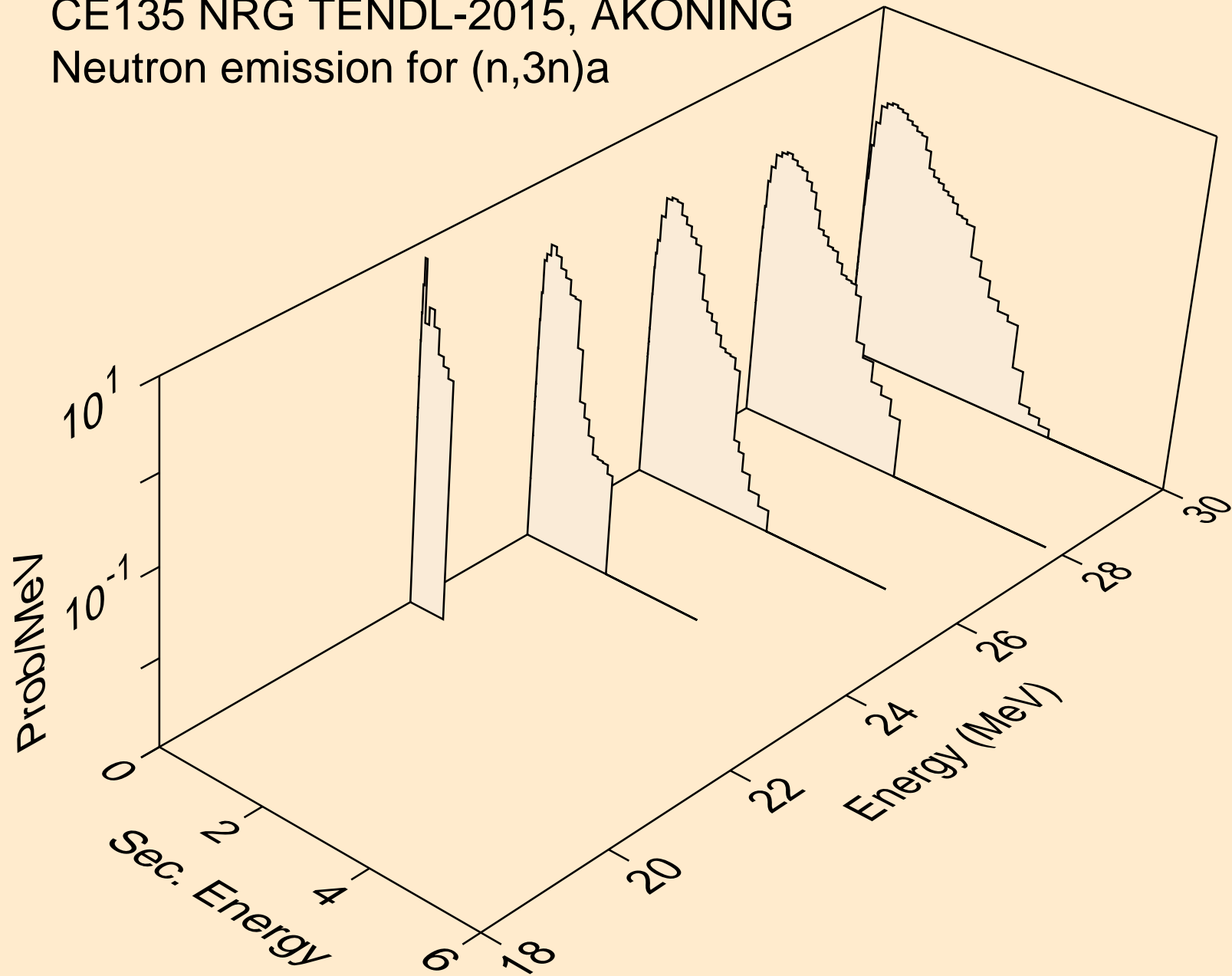


CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>

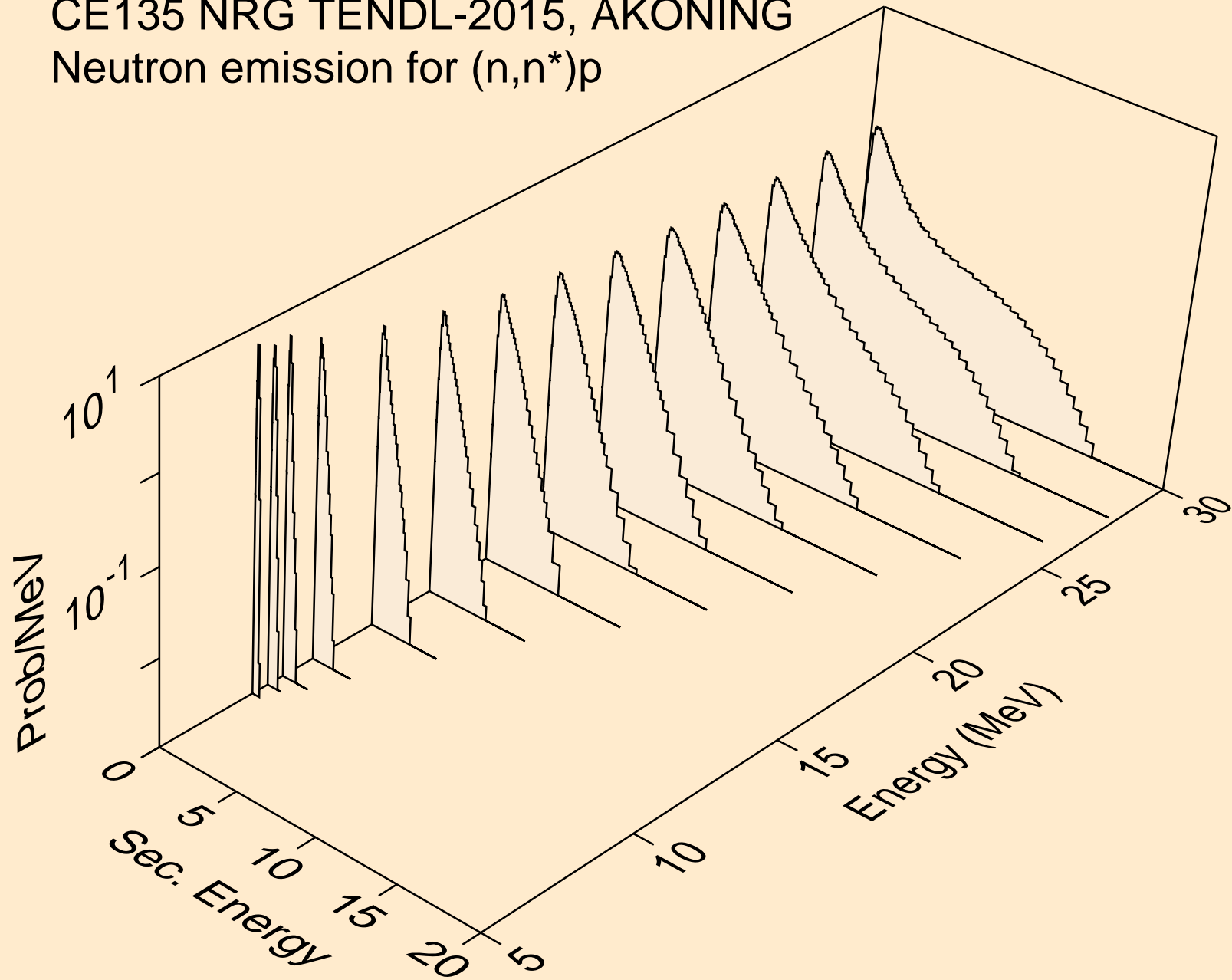




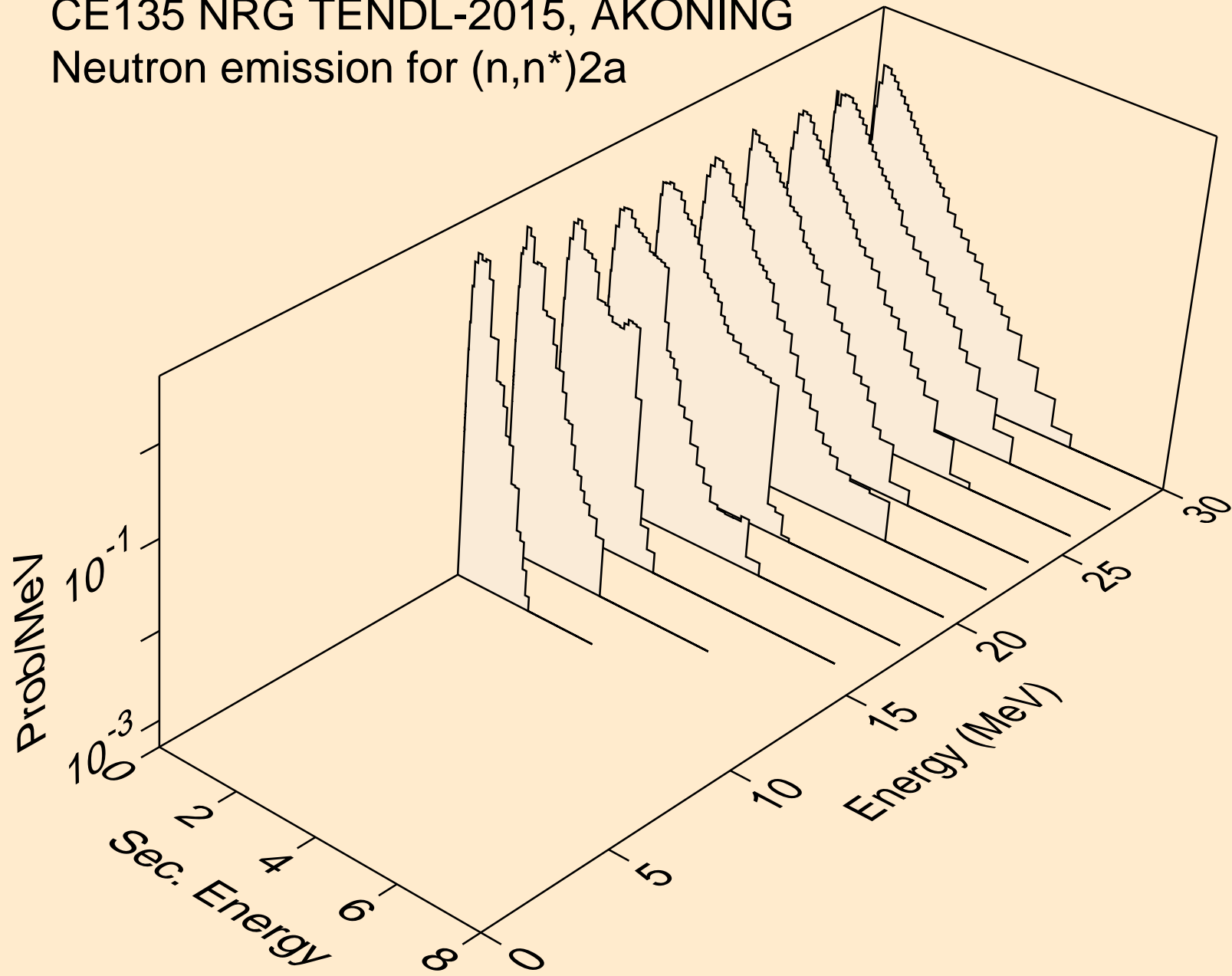
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



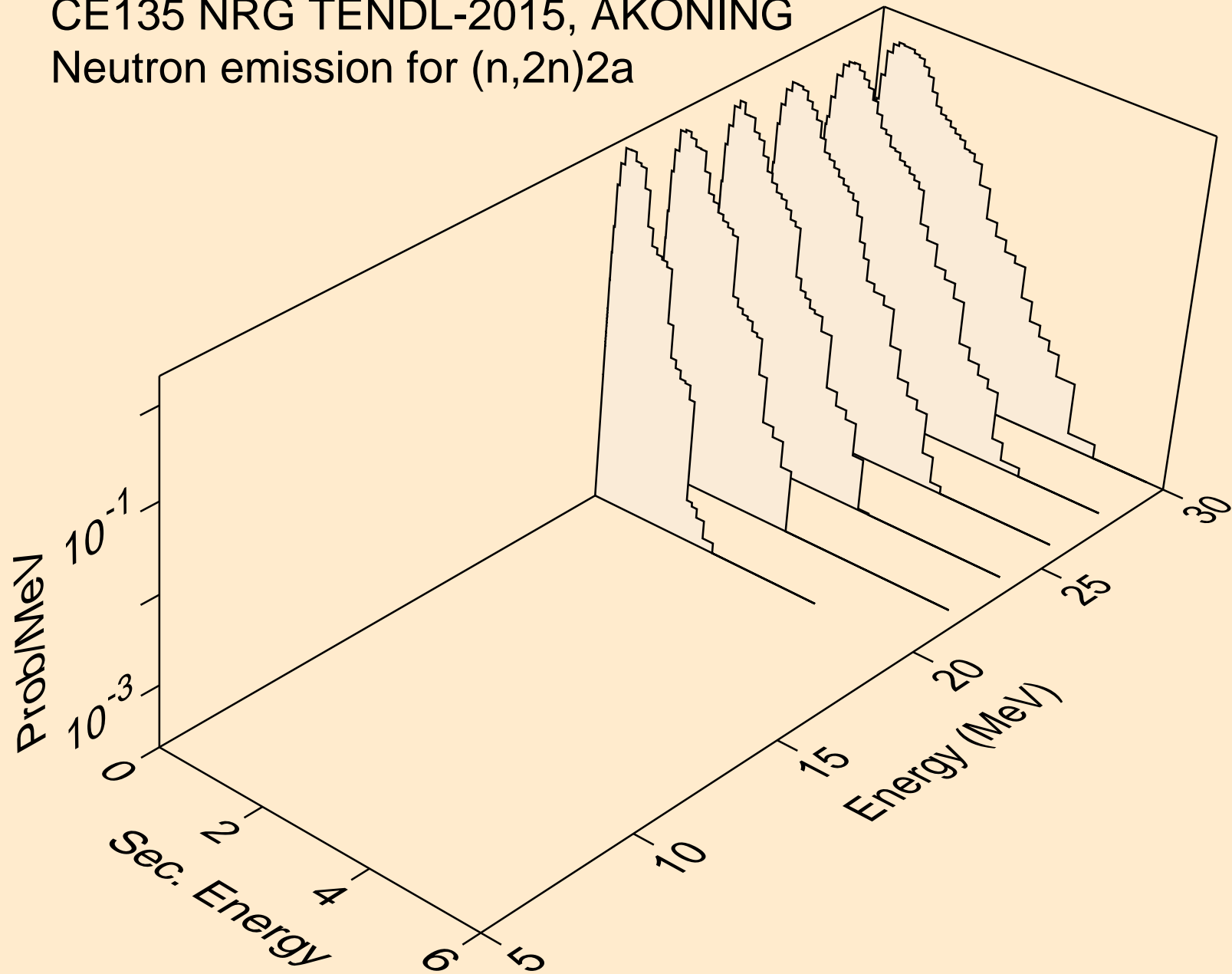
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



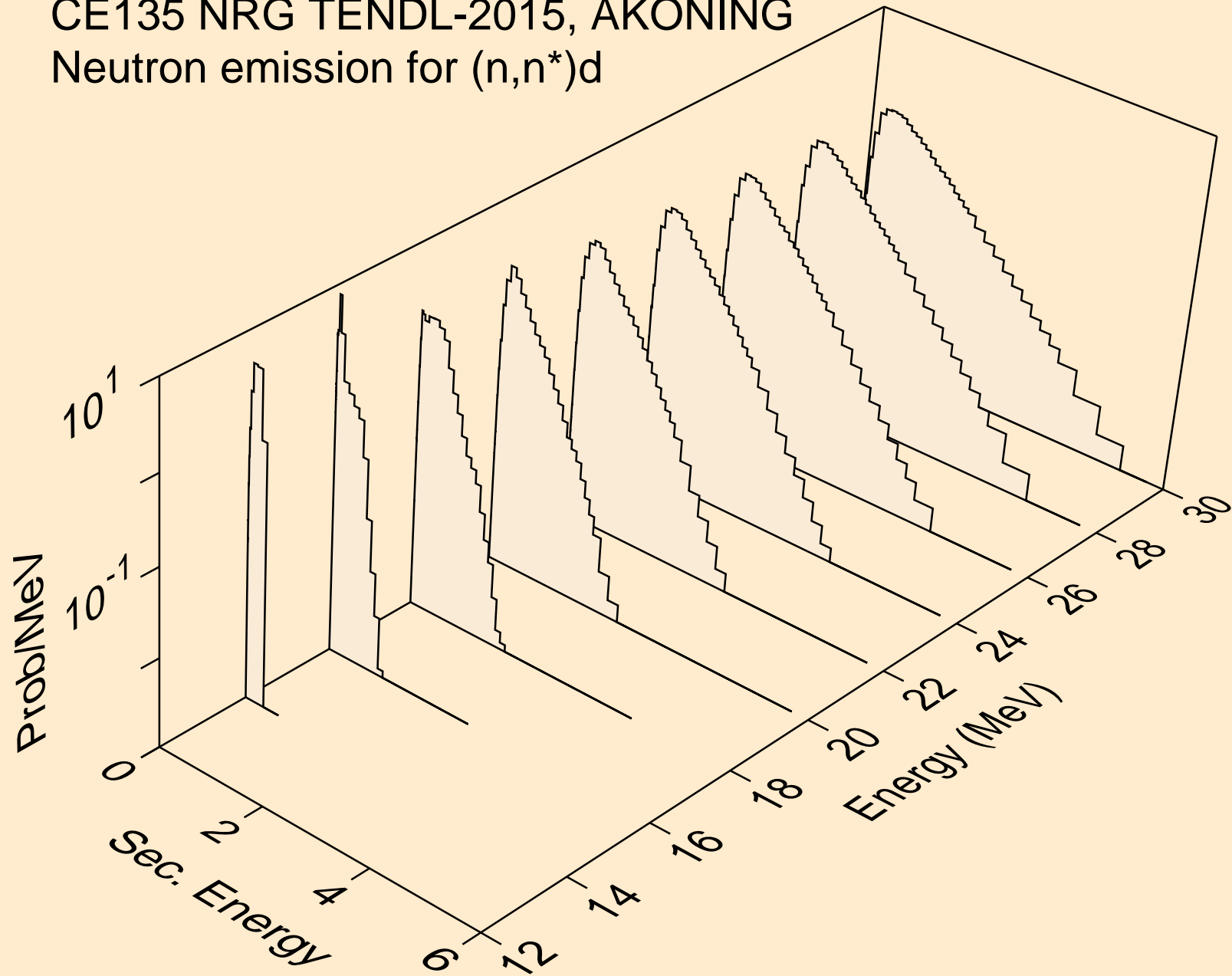
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



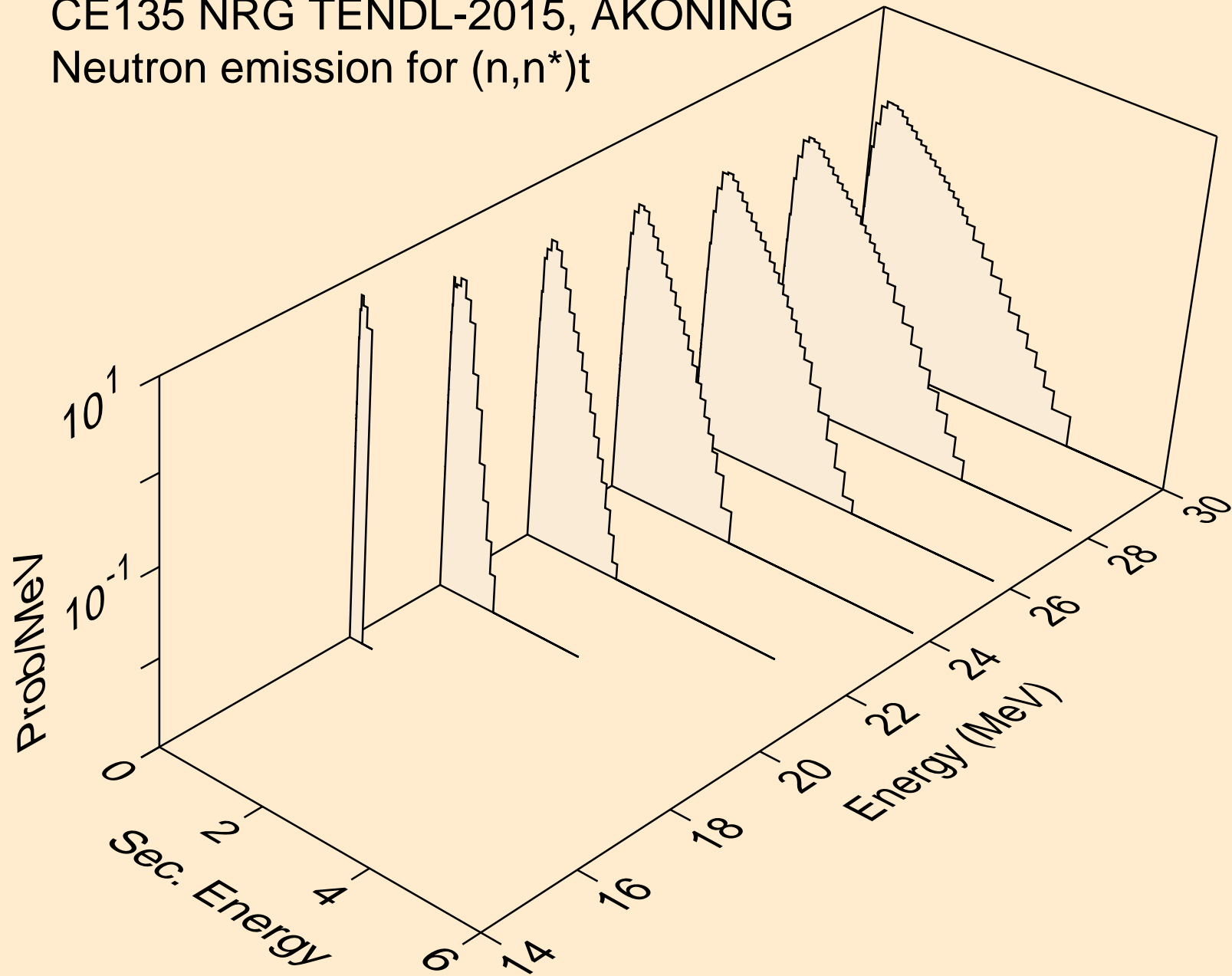
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



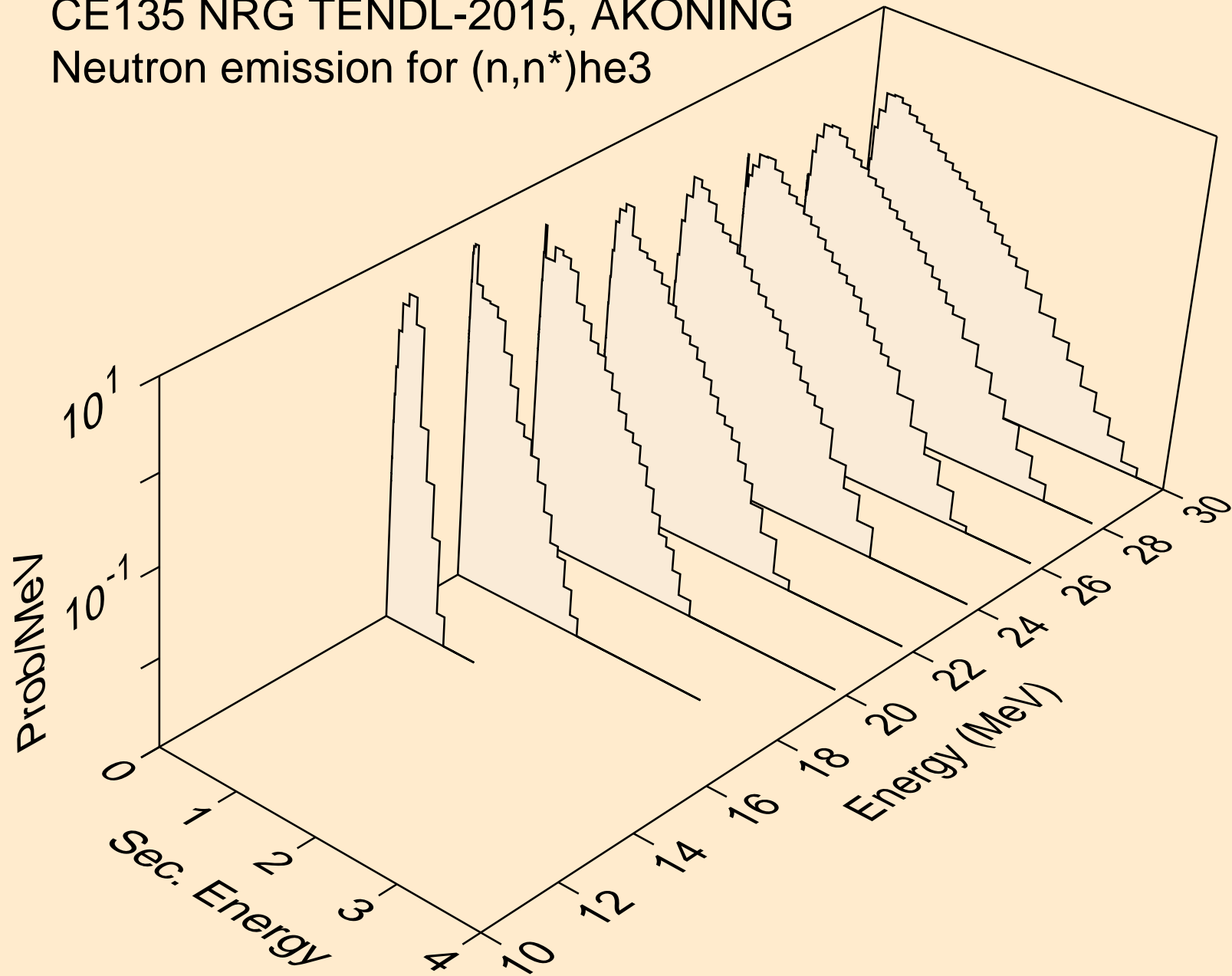
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



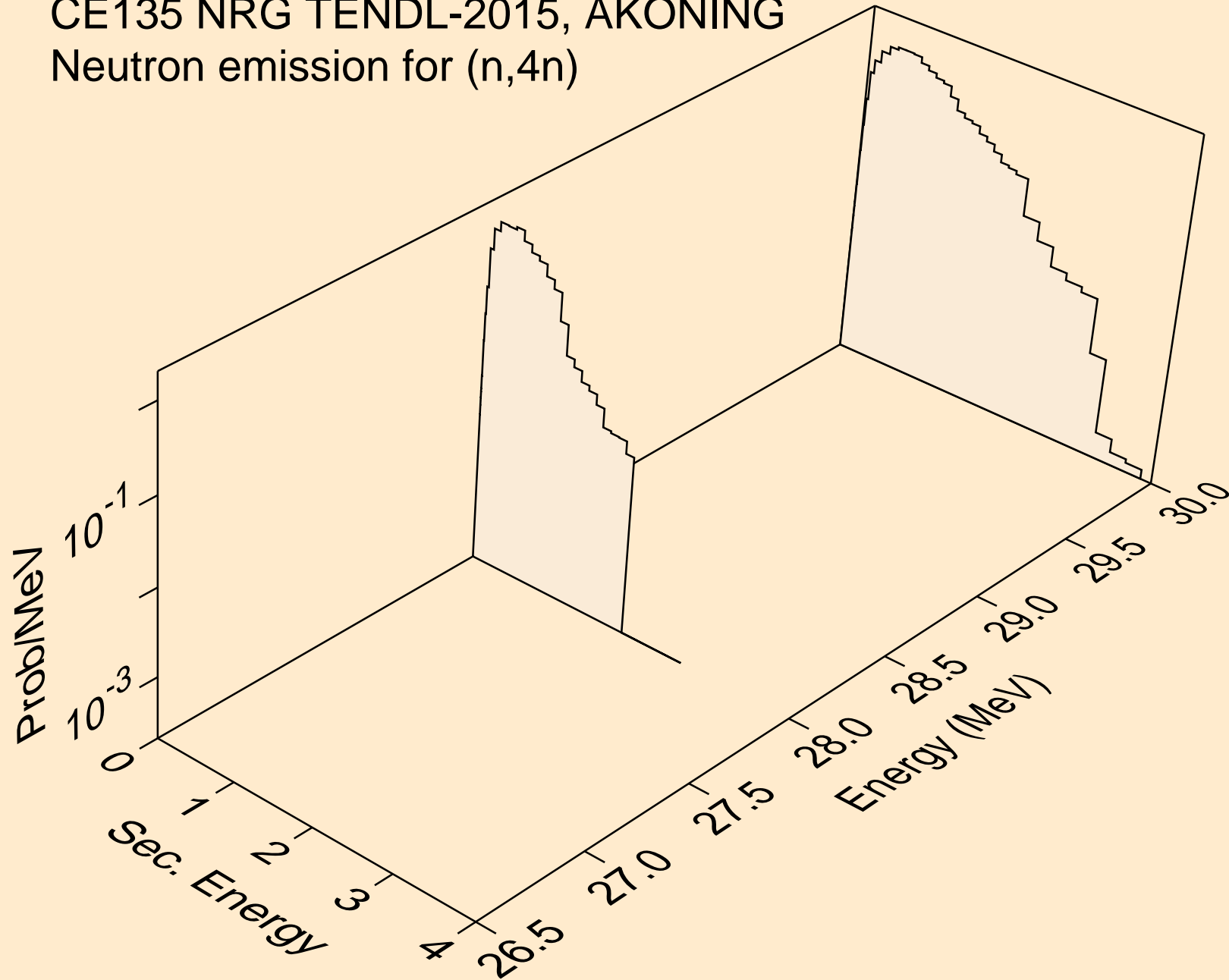
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

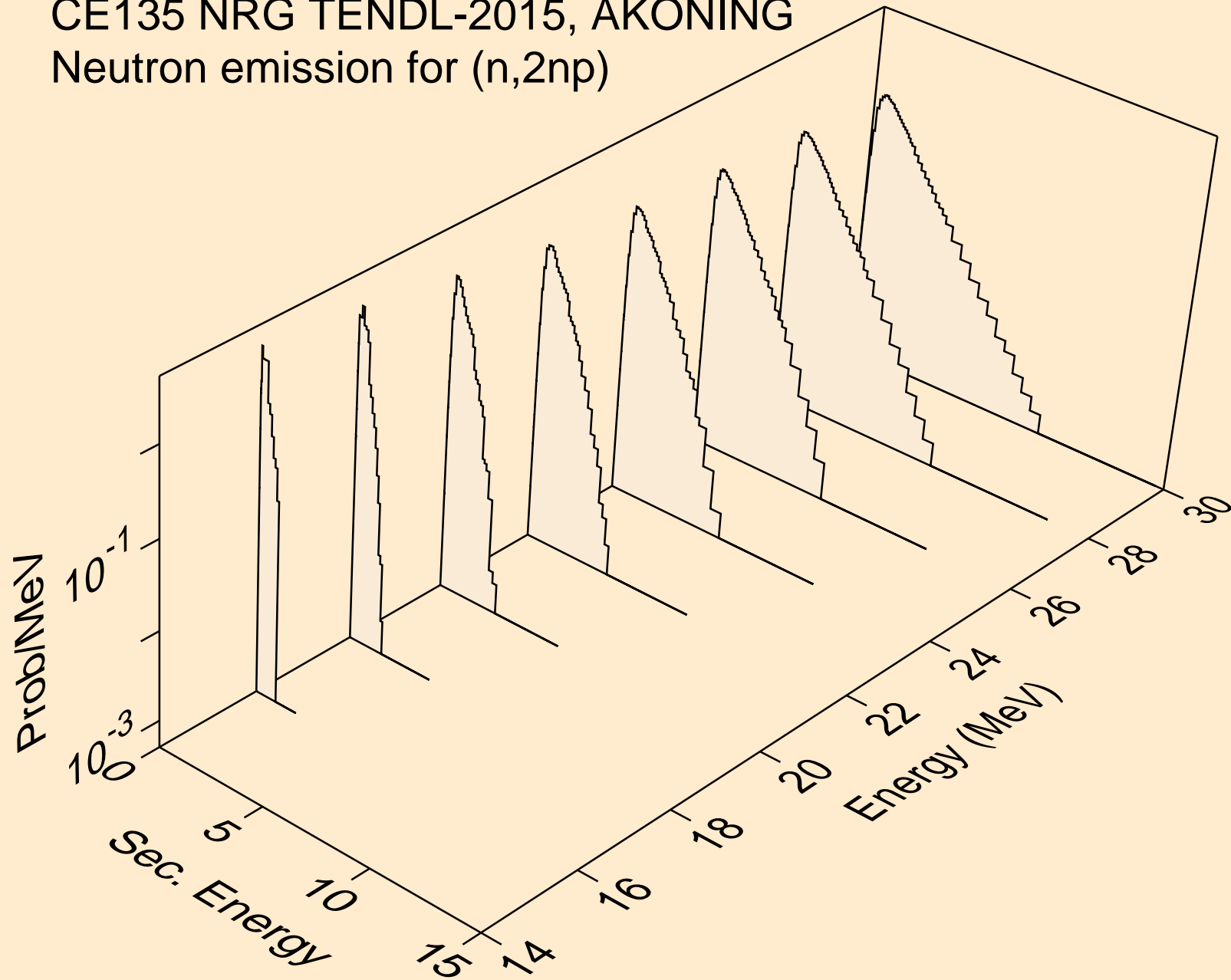


CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

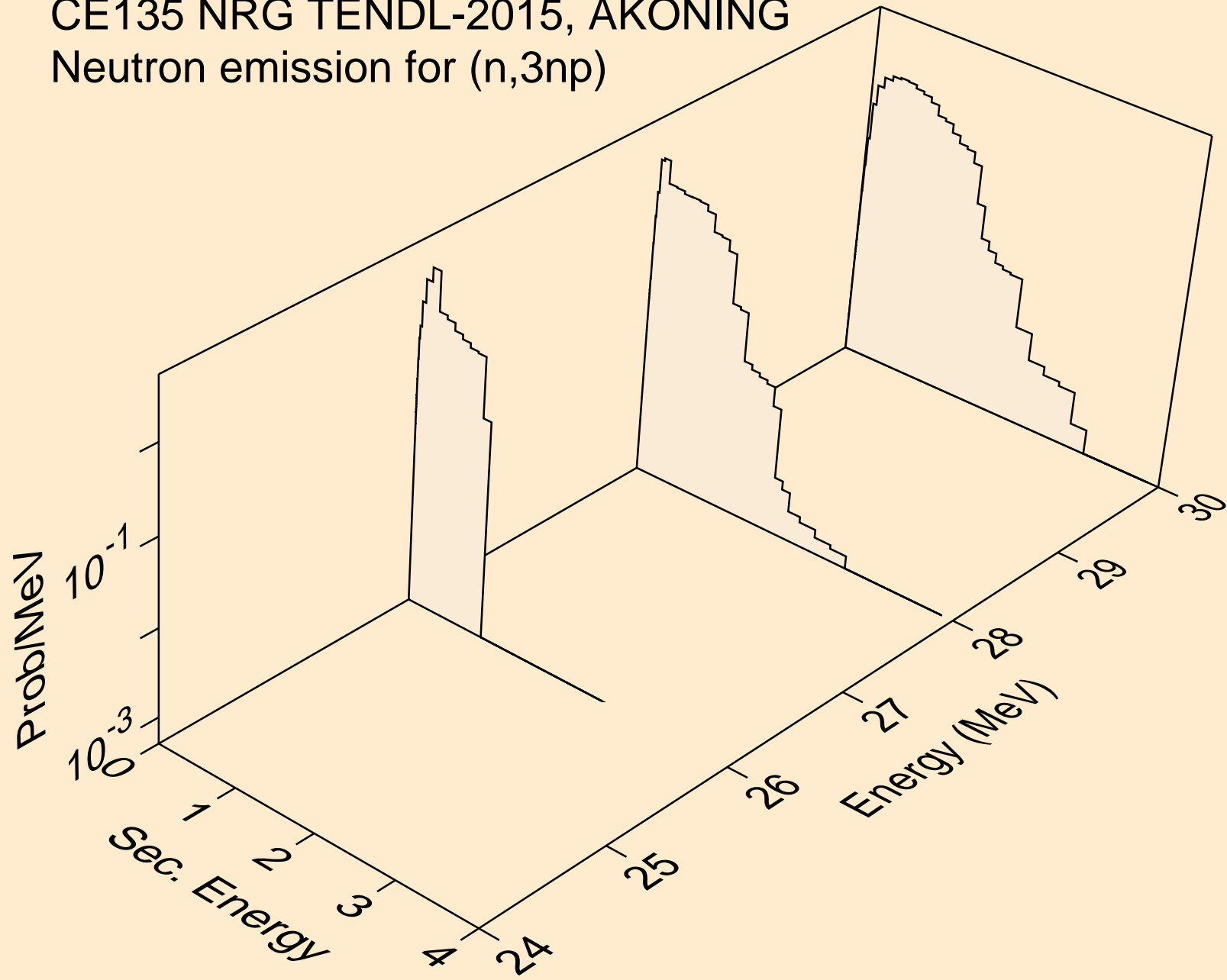




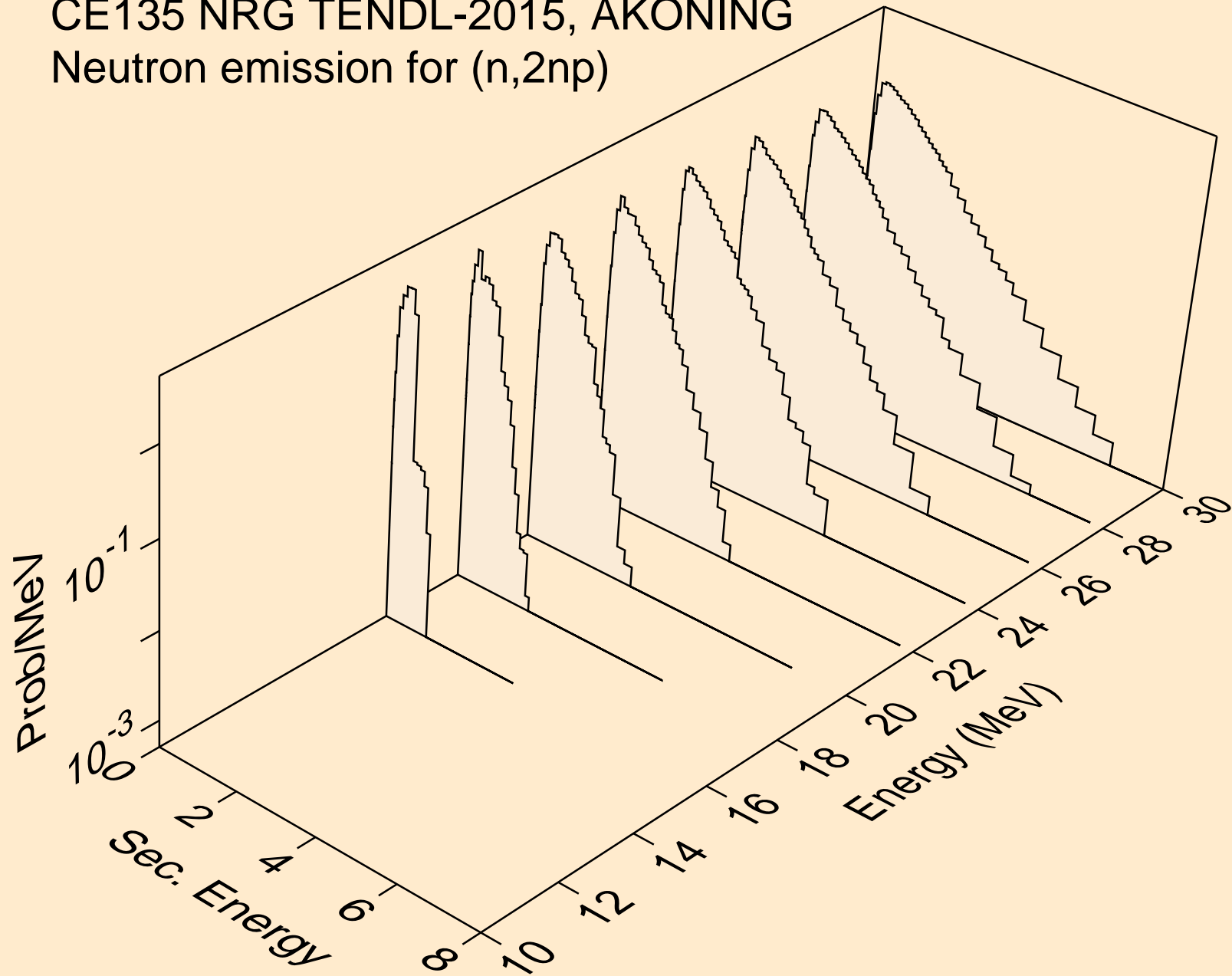
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



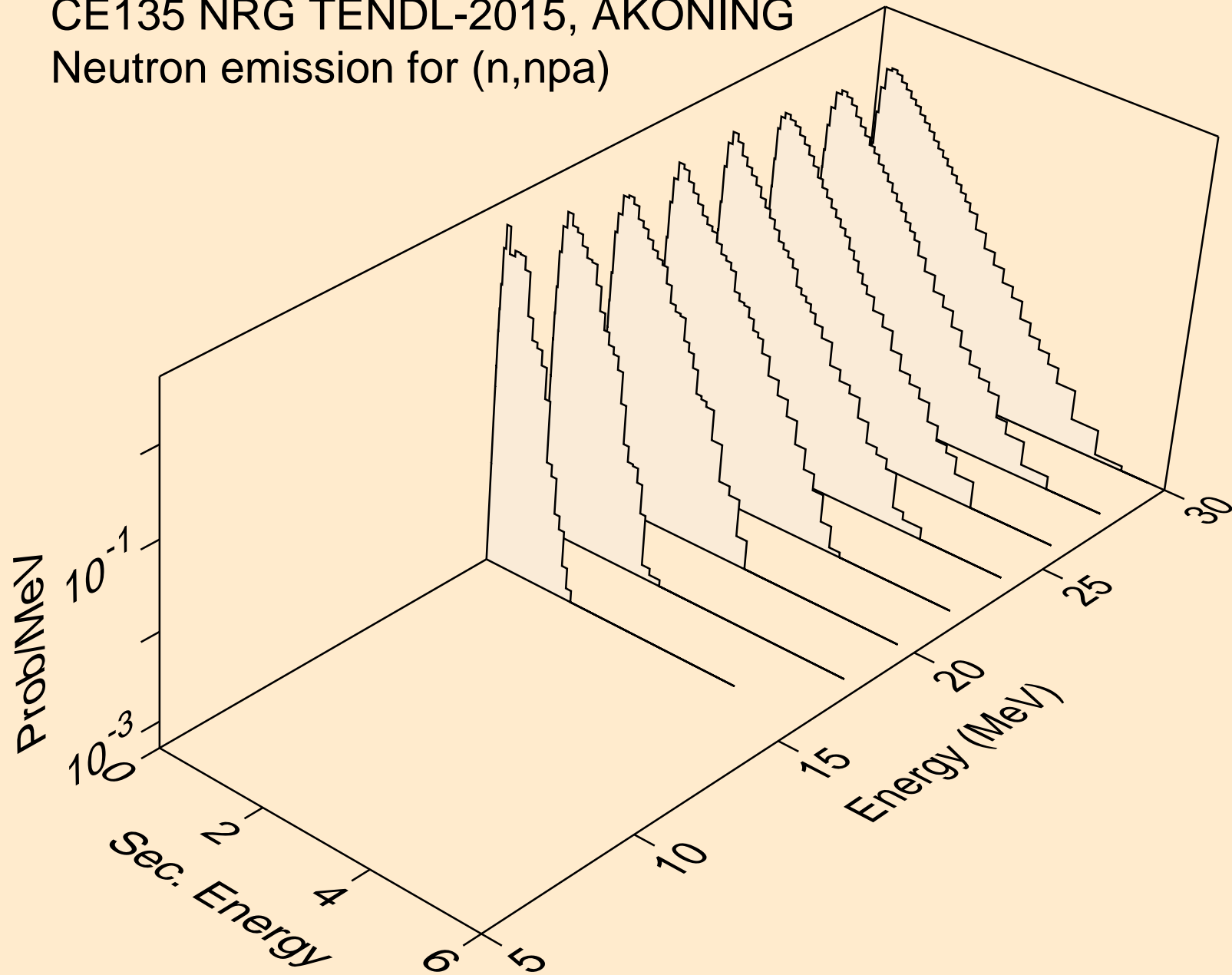
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



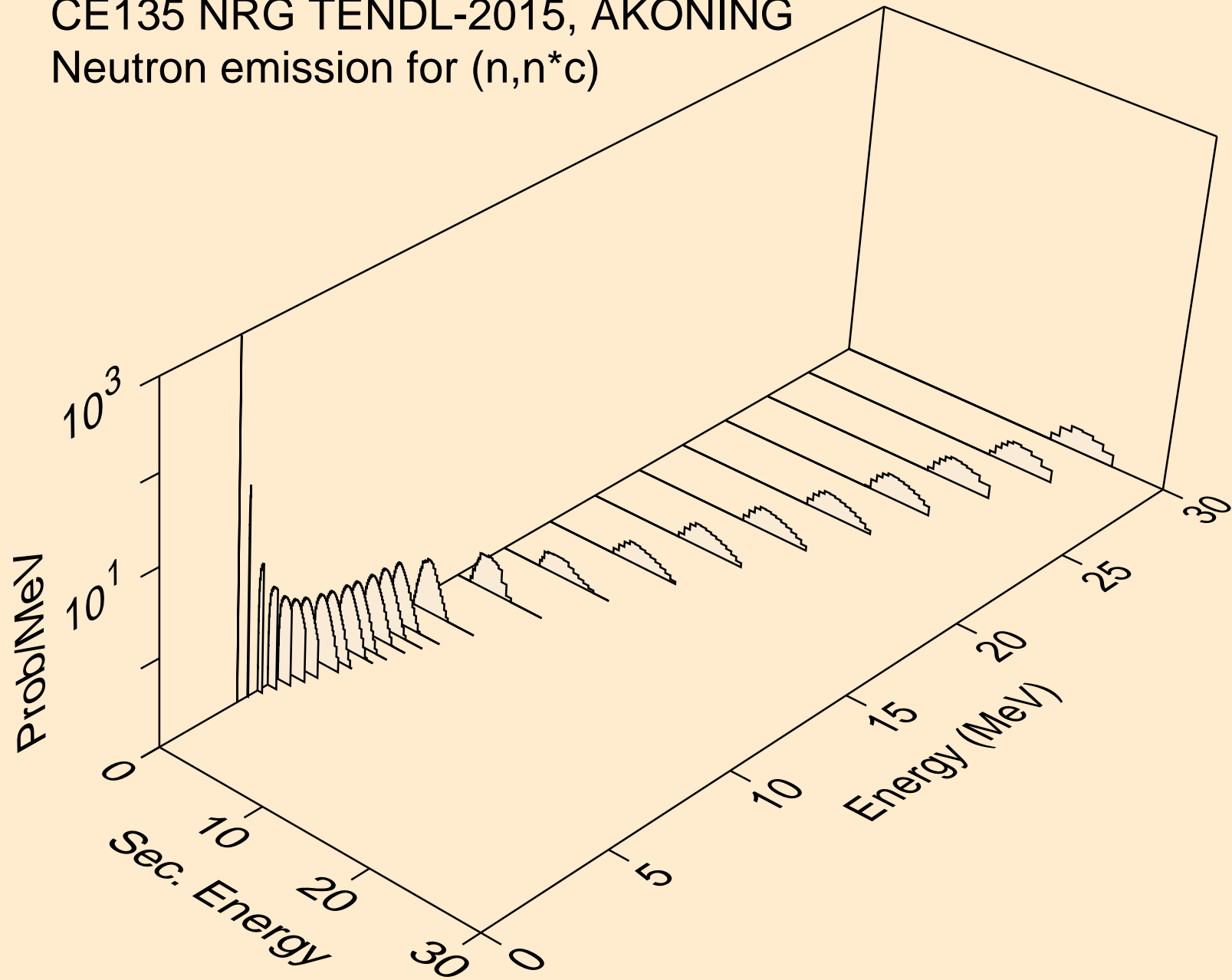
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



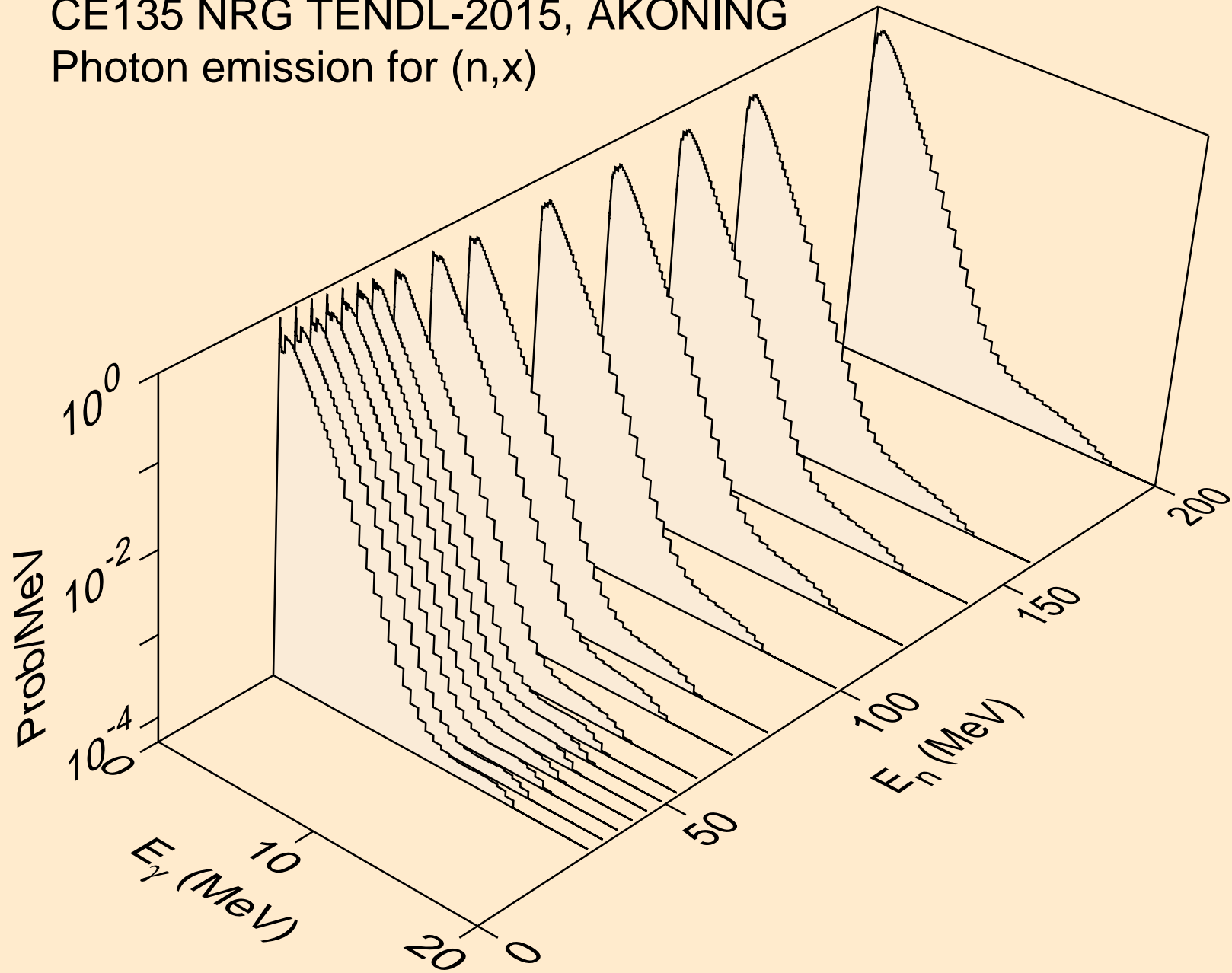
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



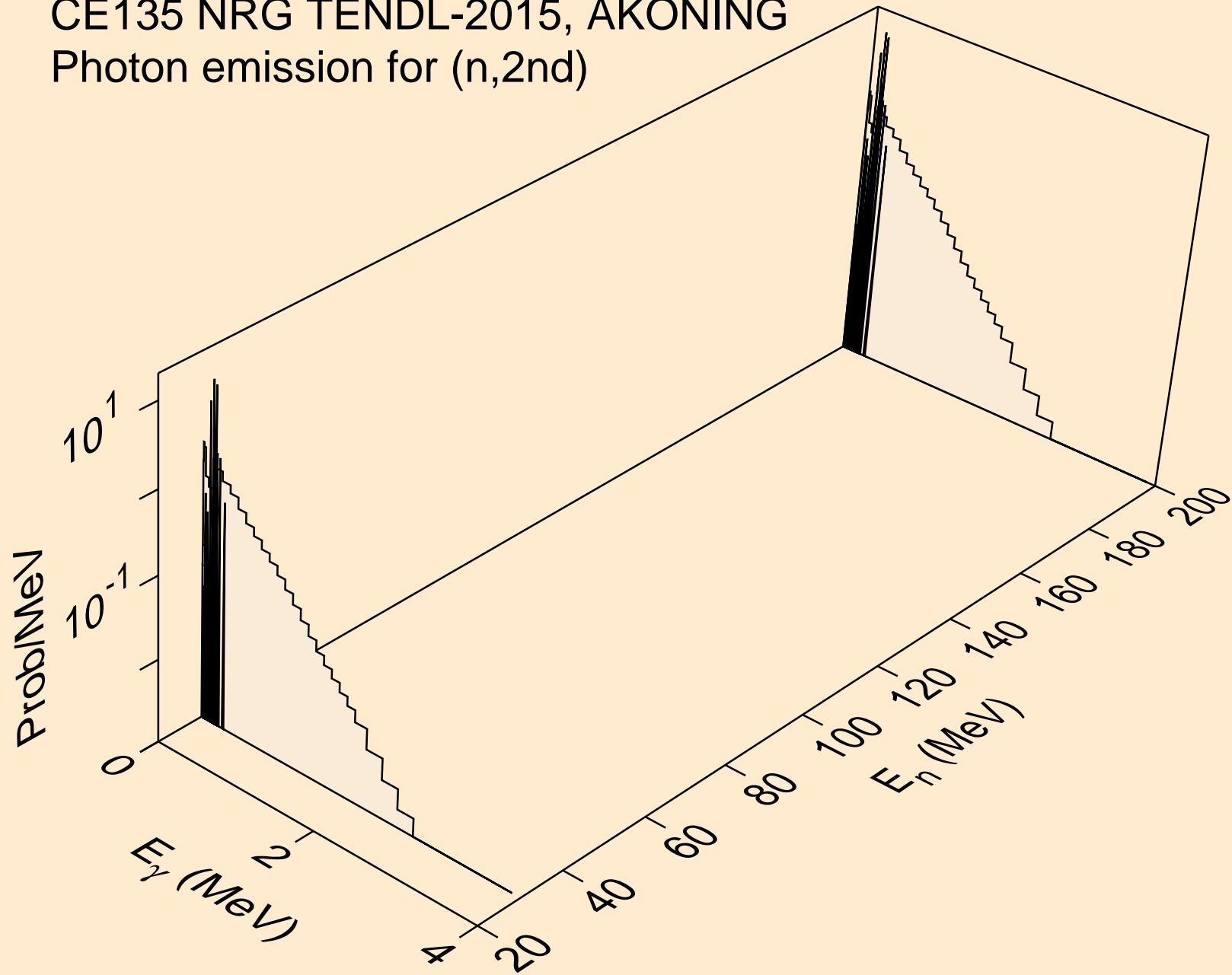
CE135 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



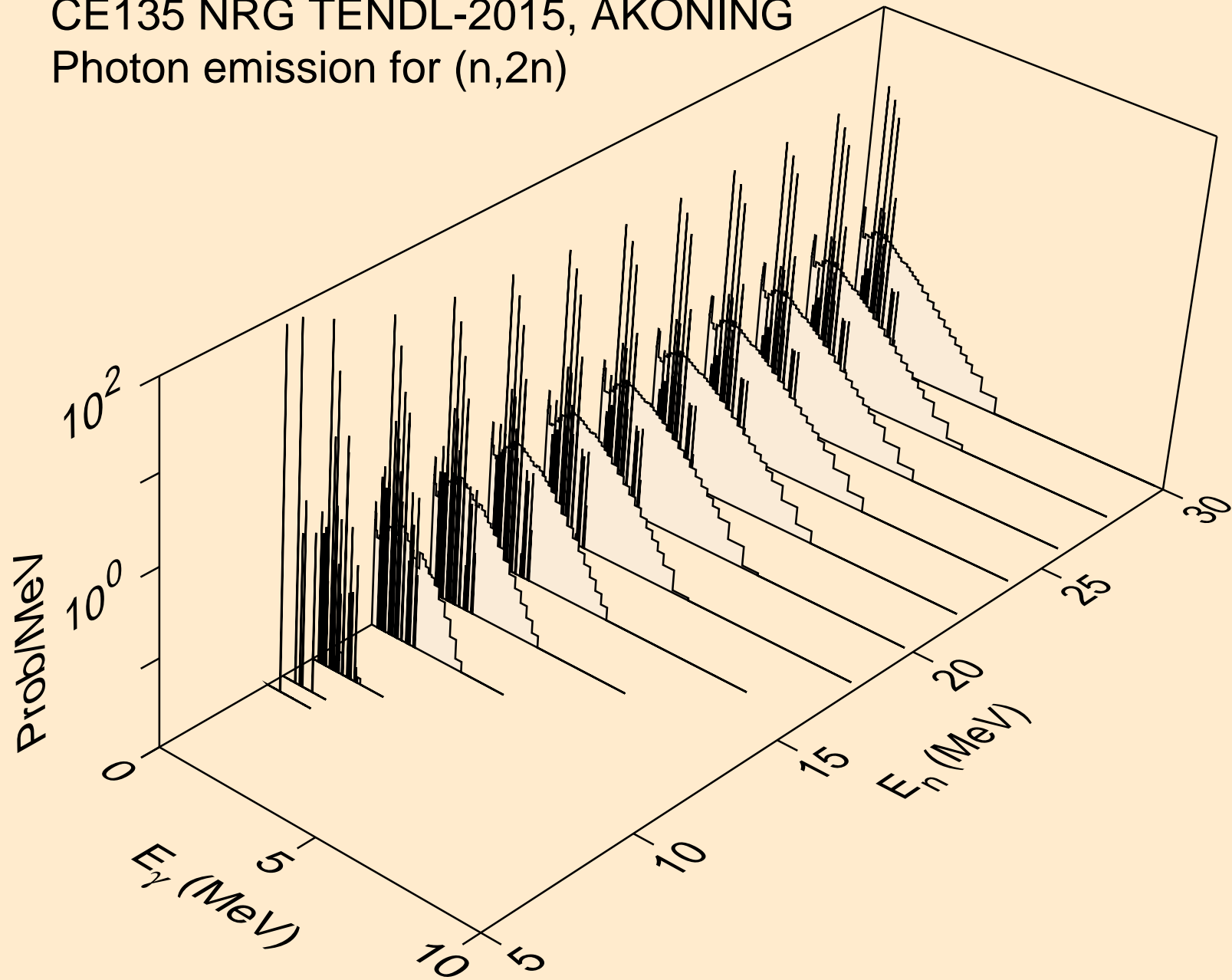
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

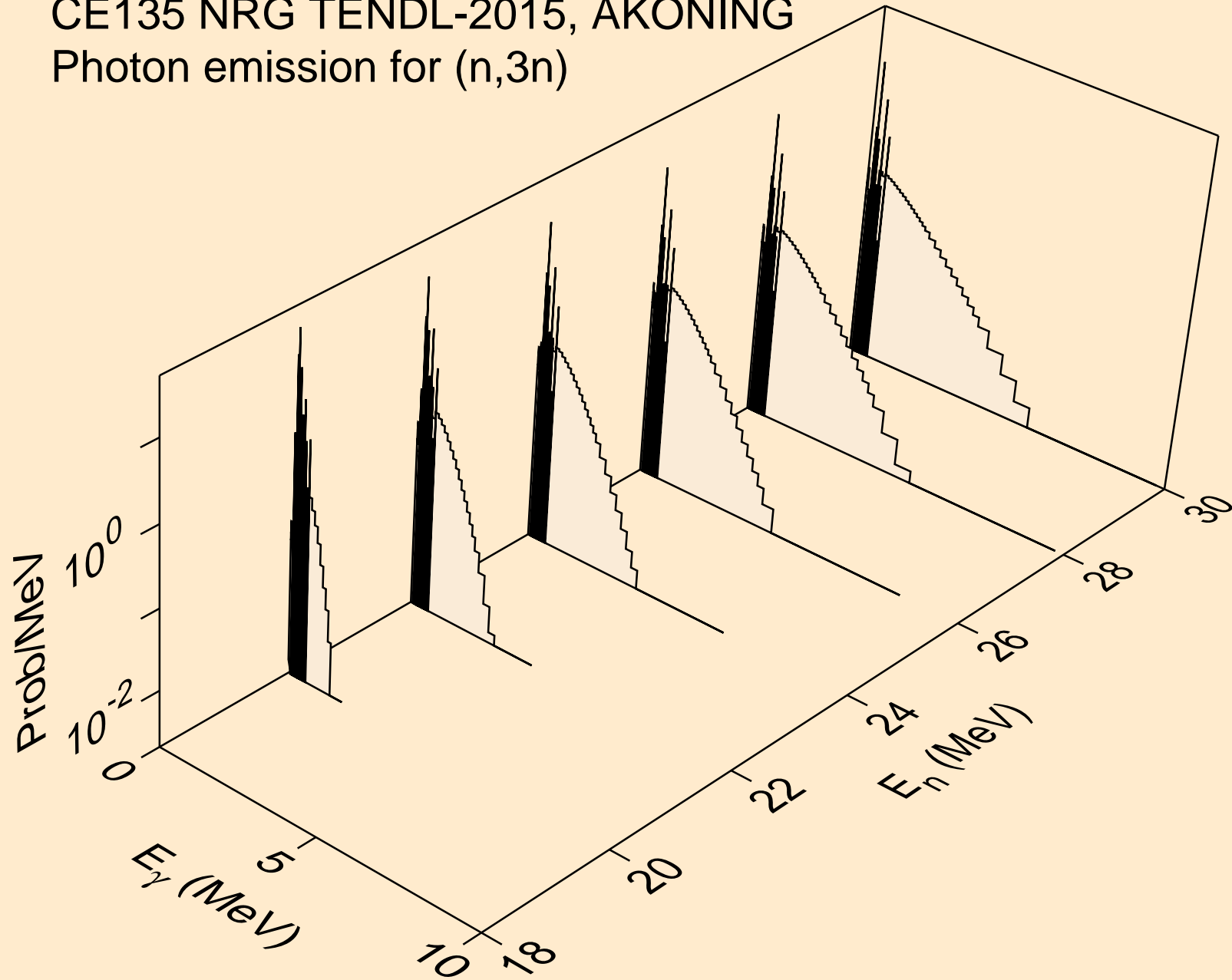


CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



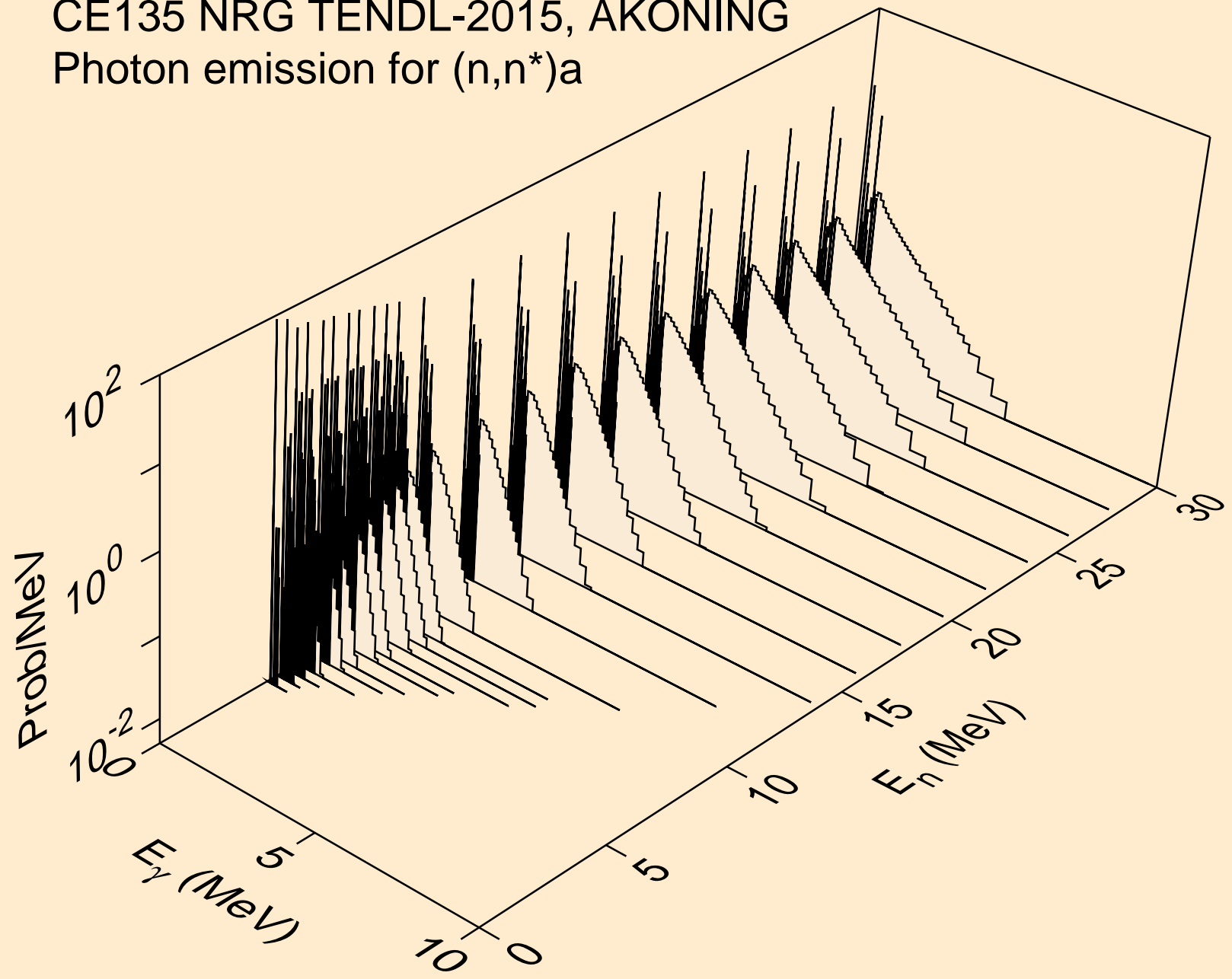


CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

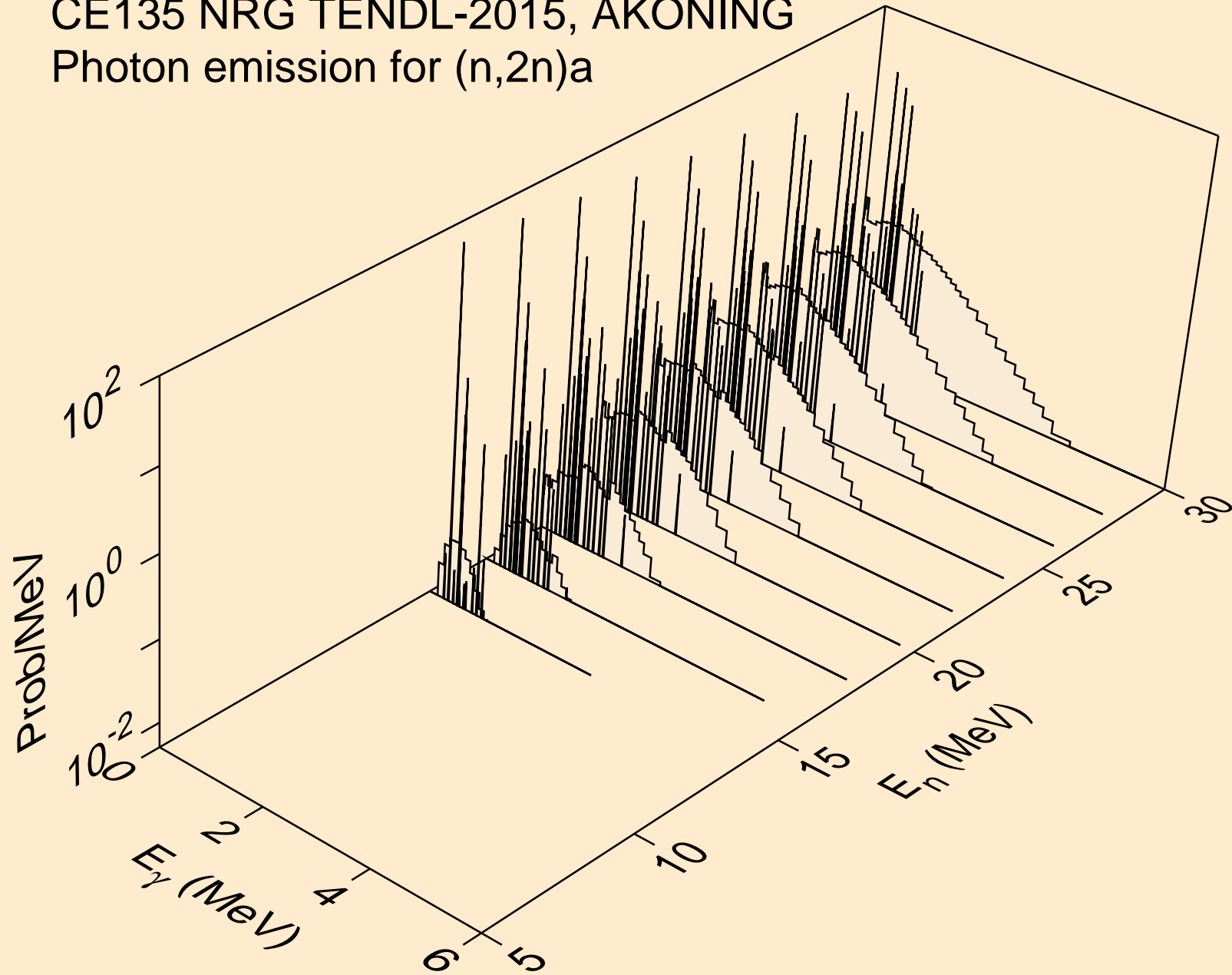


# CE135 NRG TENDL-2015, AKONING

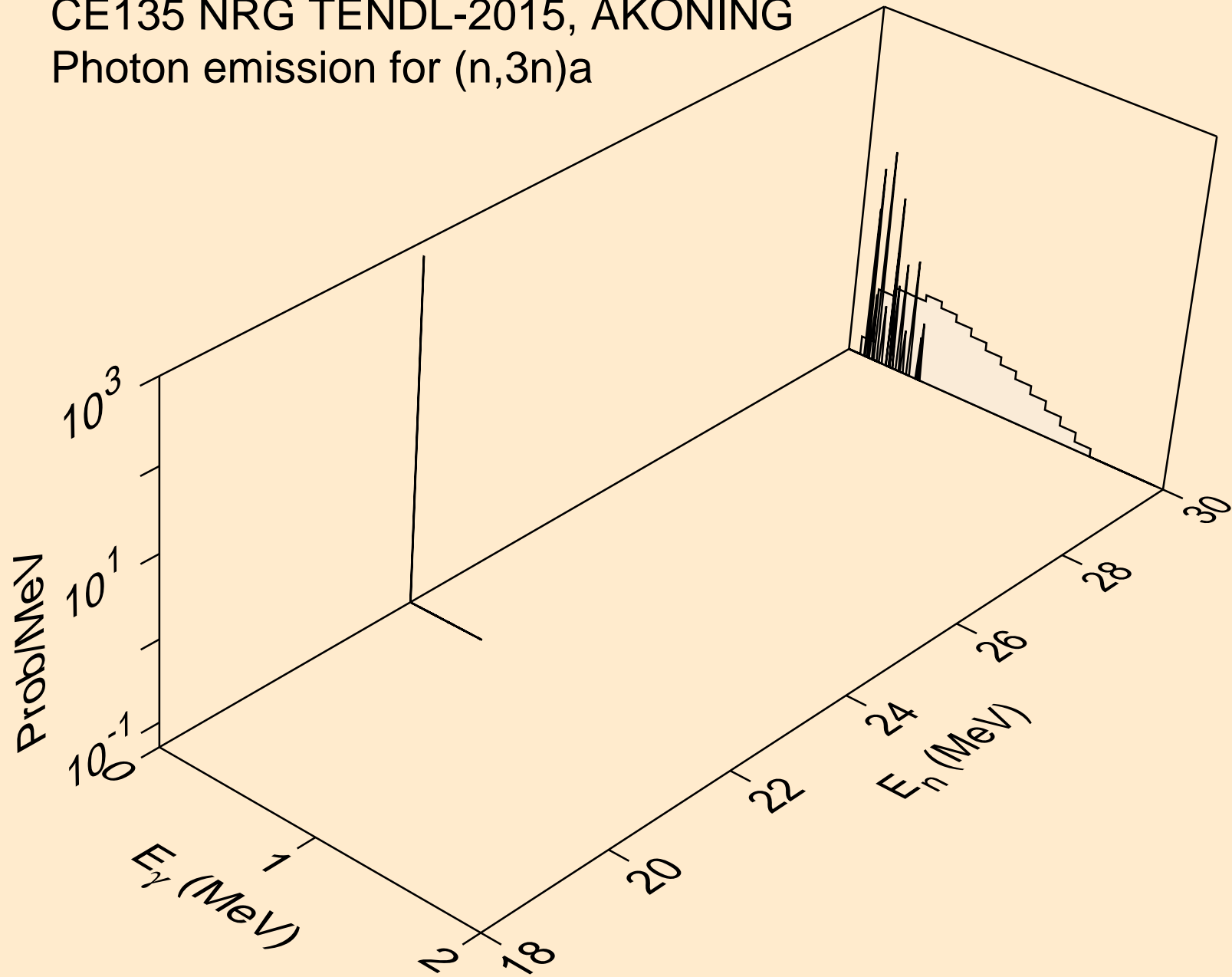
Photon emission for (n,n\*)a



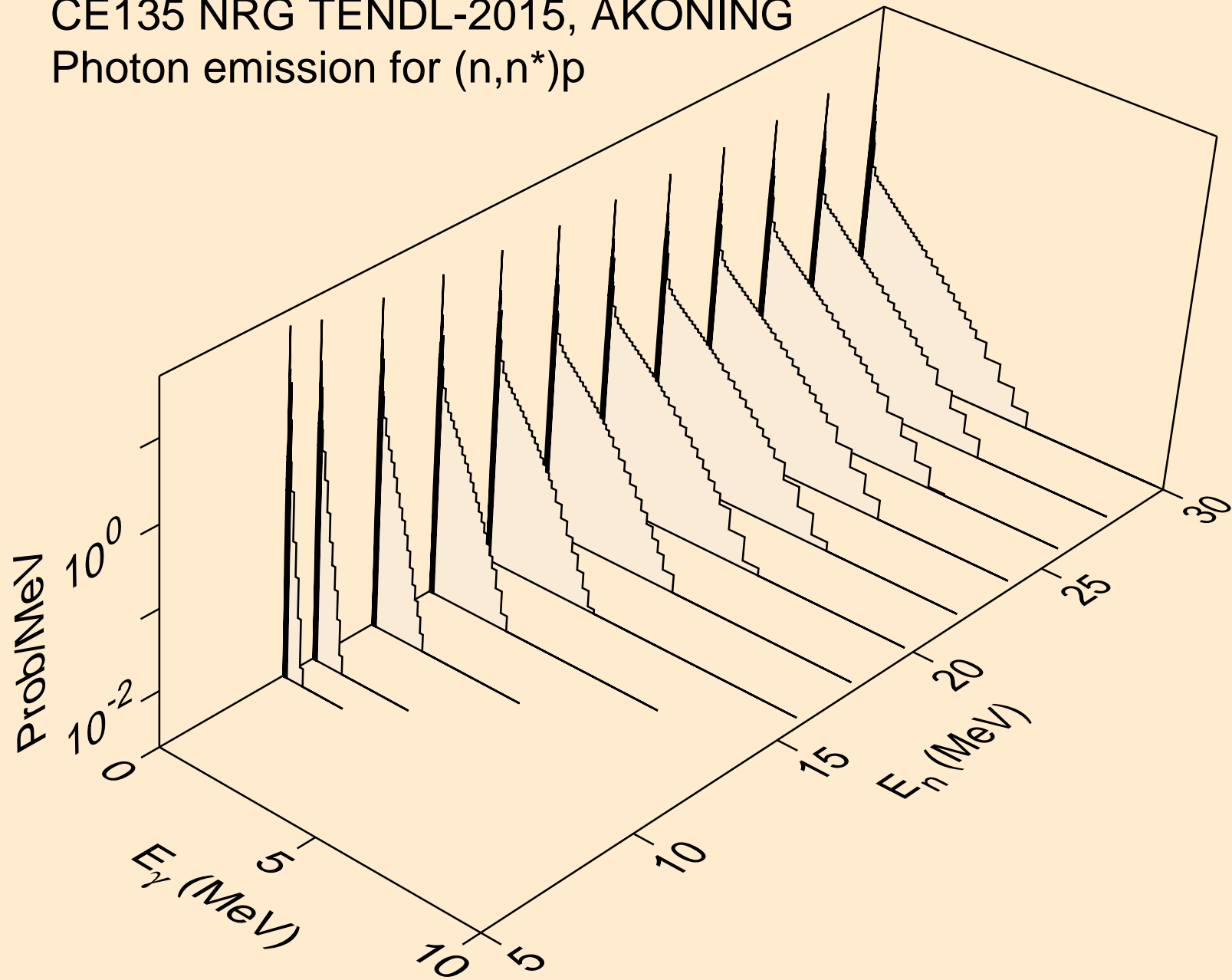
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



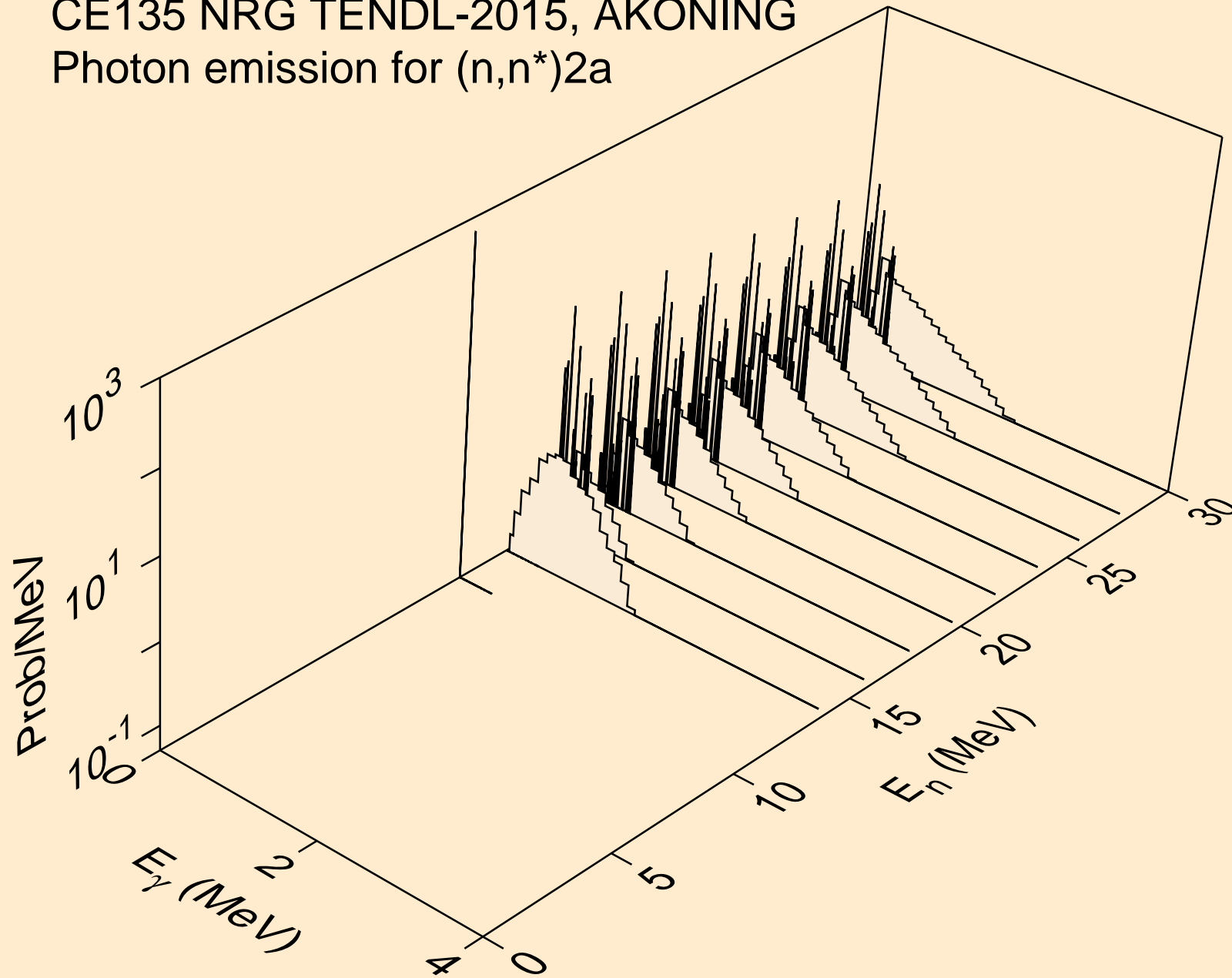
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



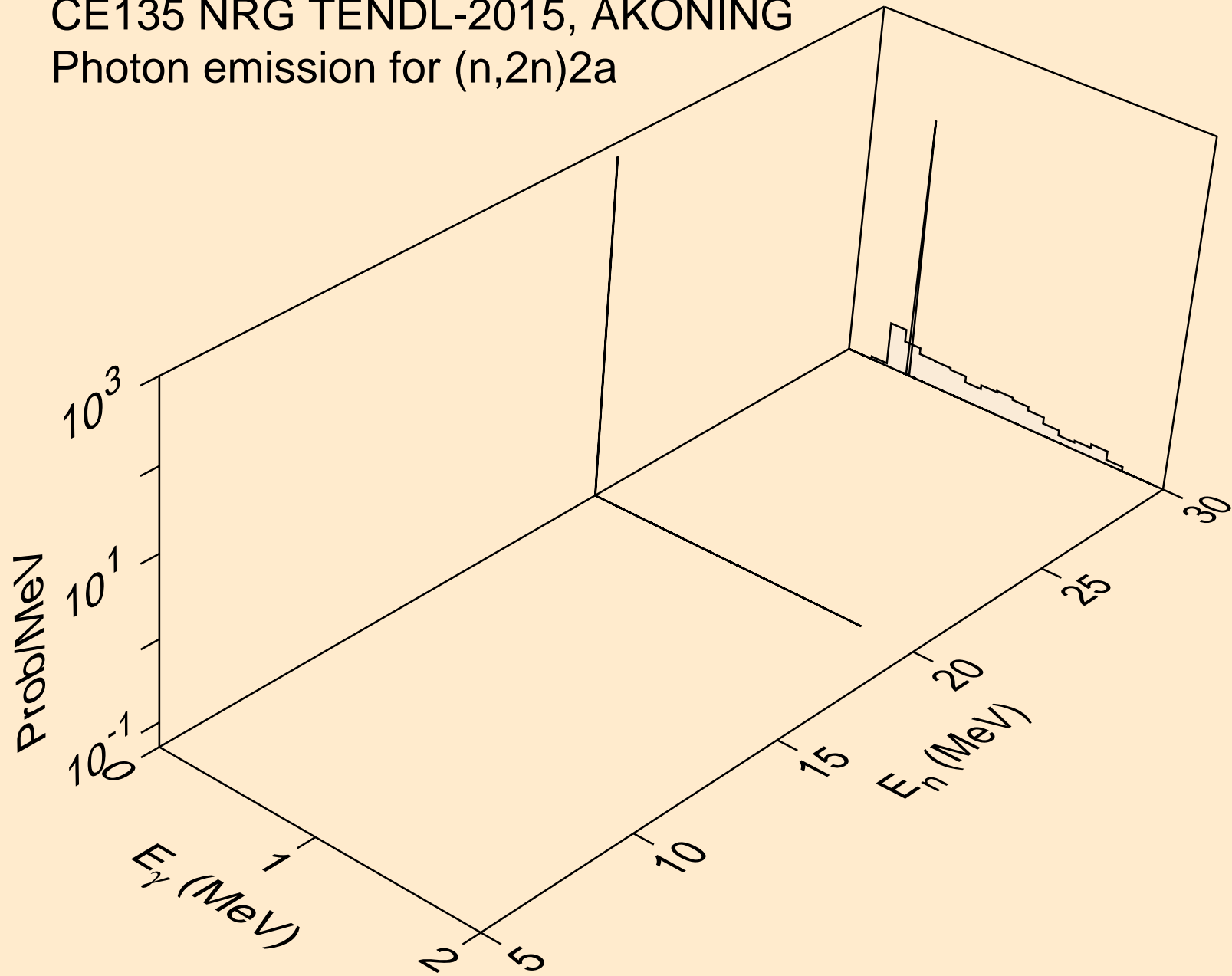
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



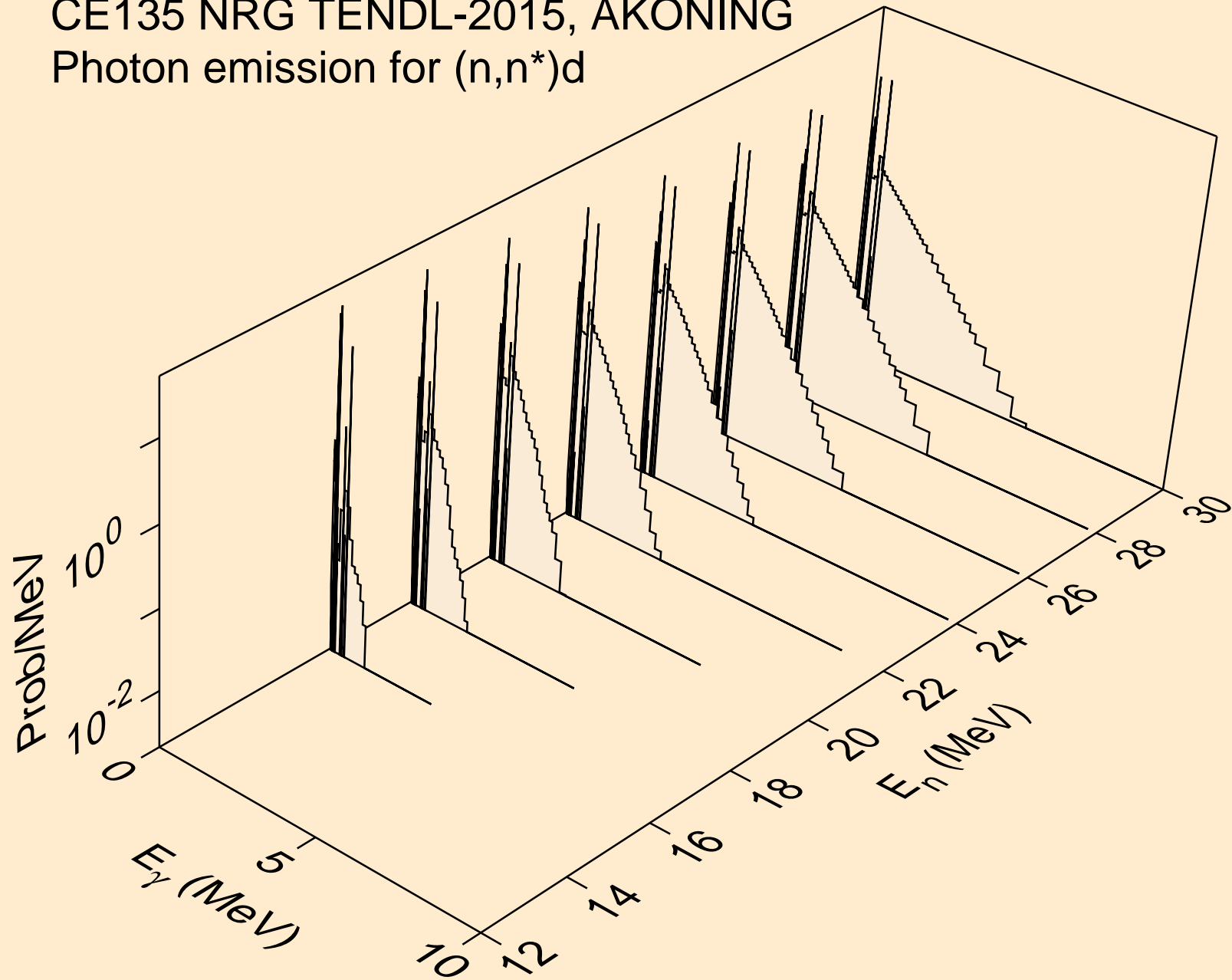
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

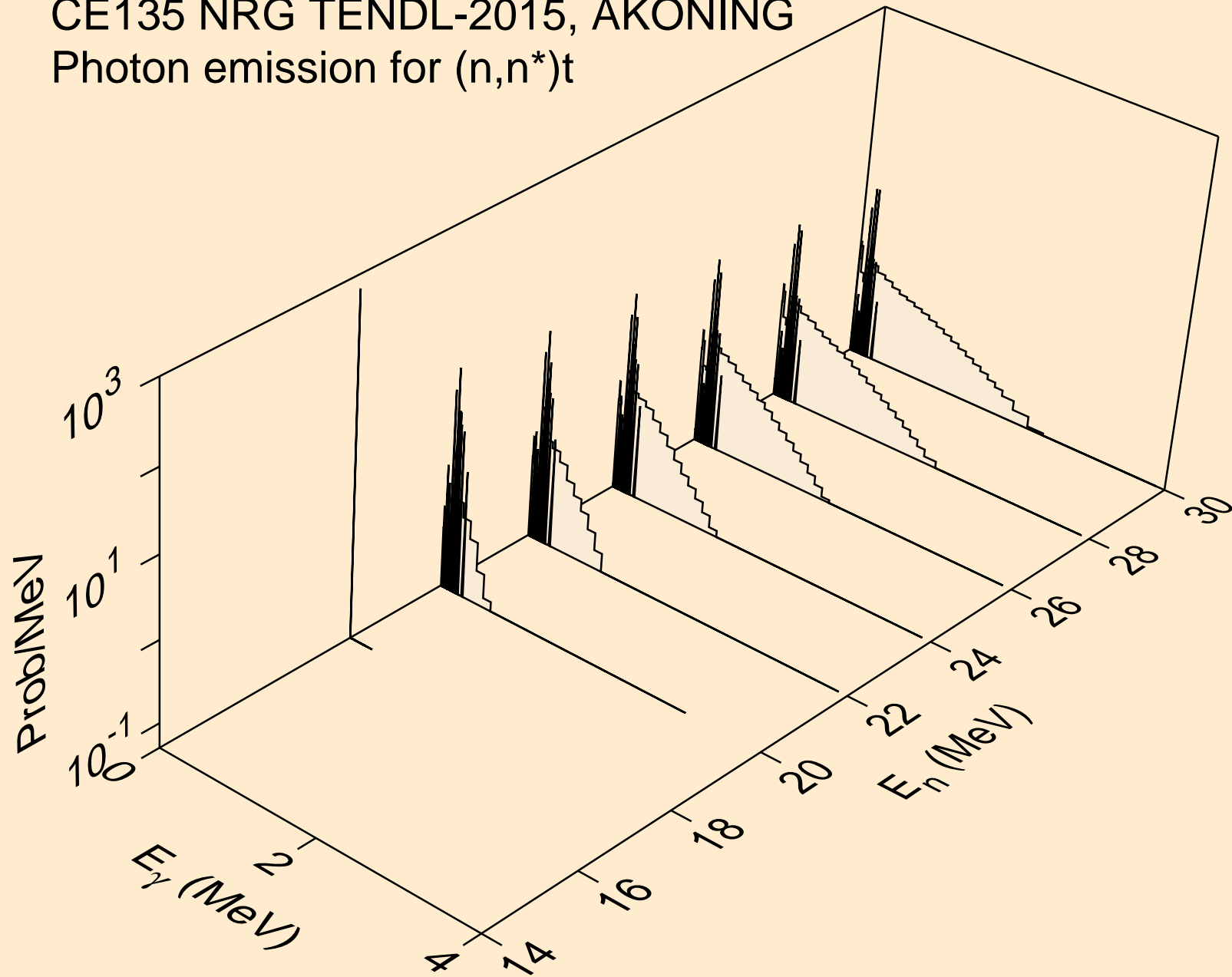


CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

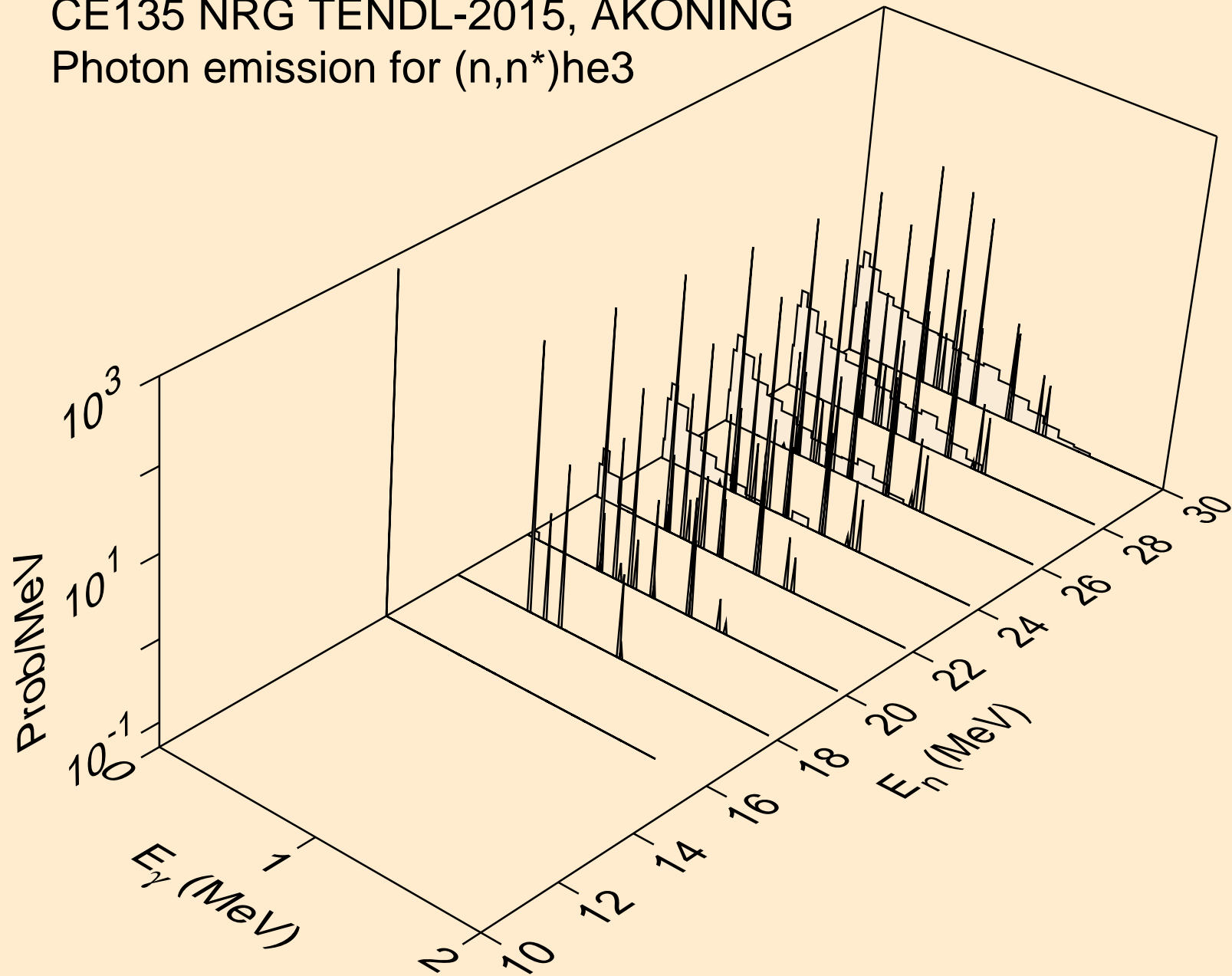




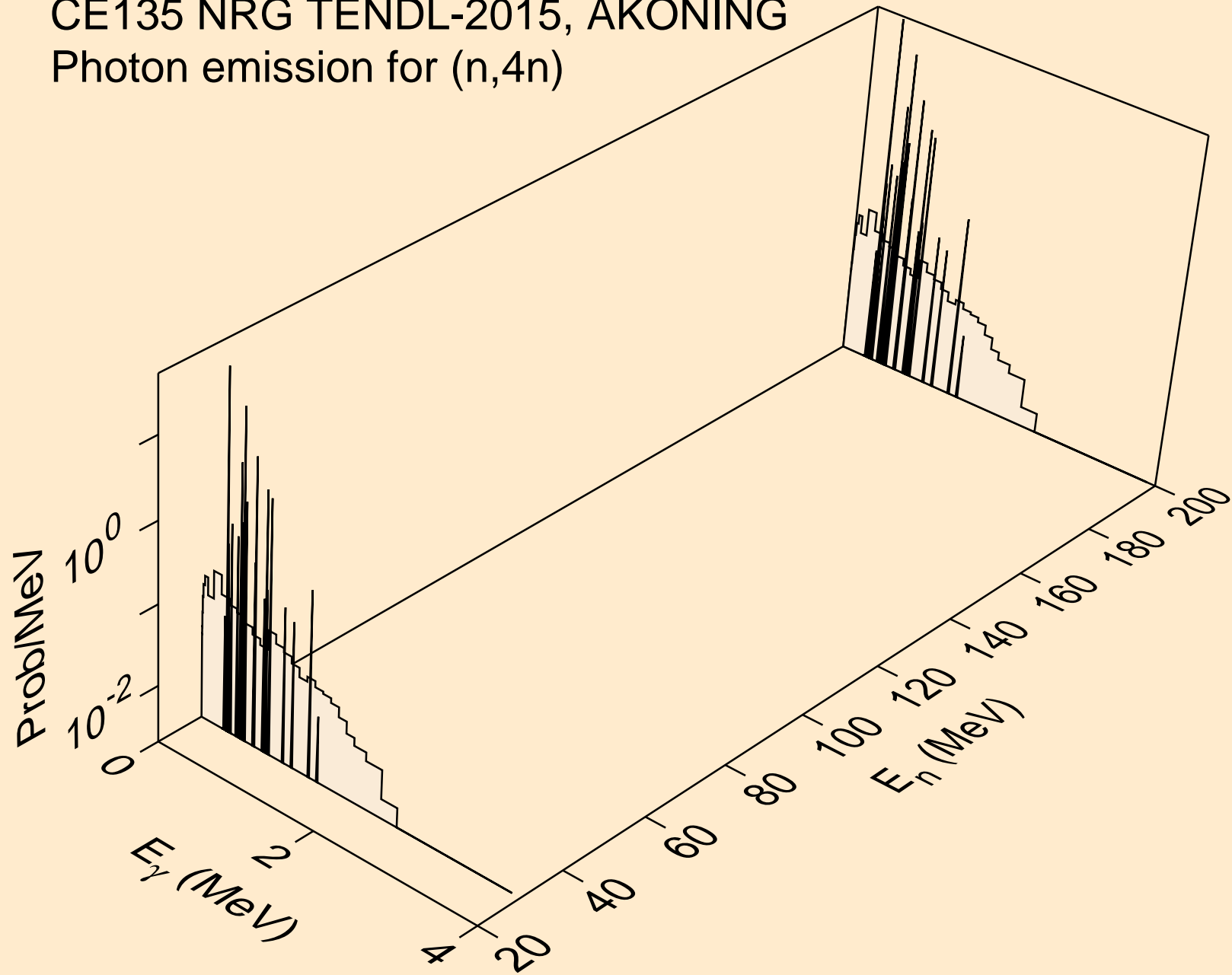
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



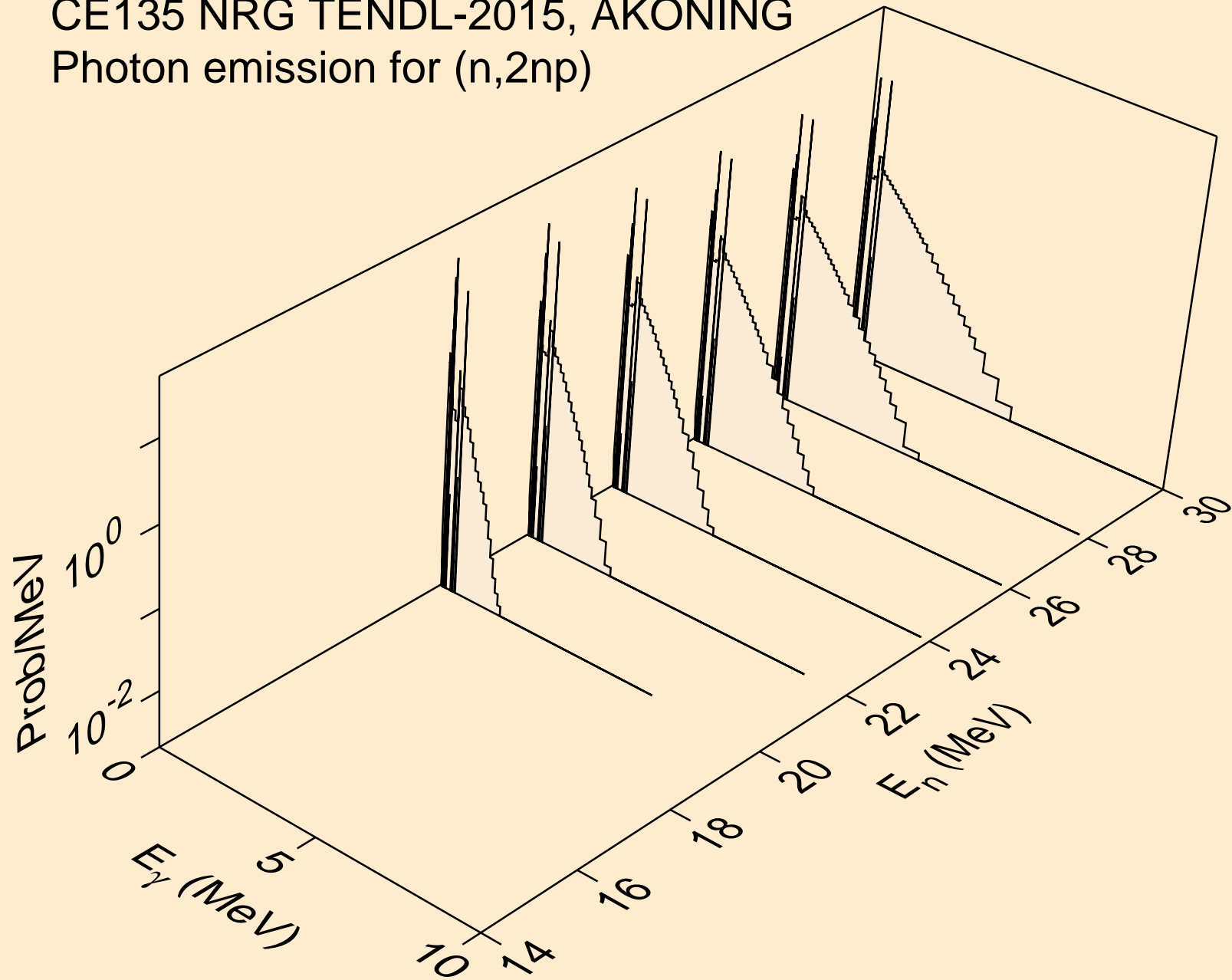
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



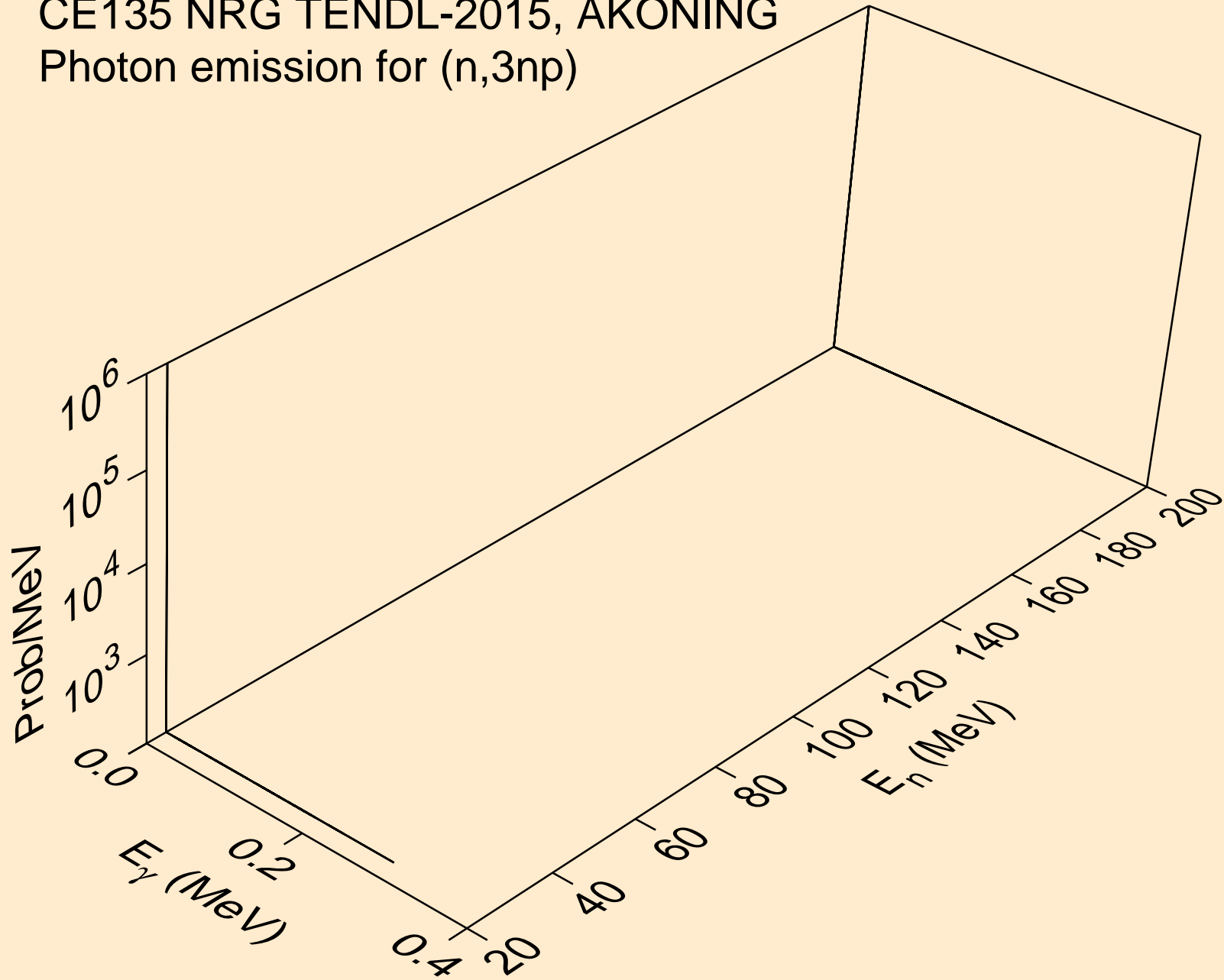
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Photon emission for (n,4n)



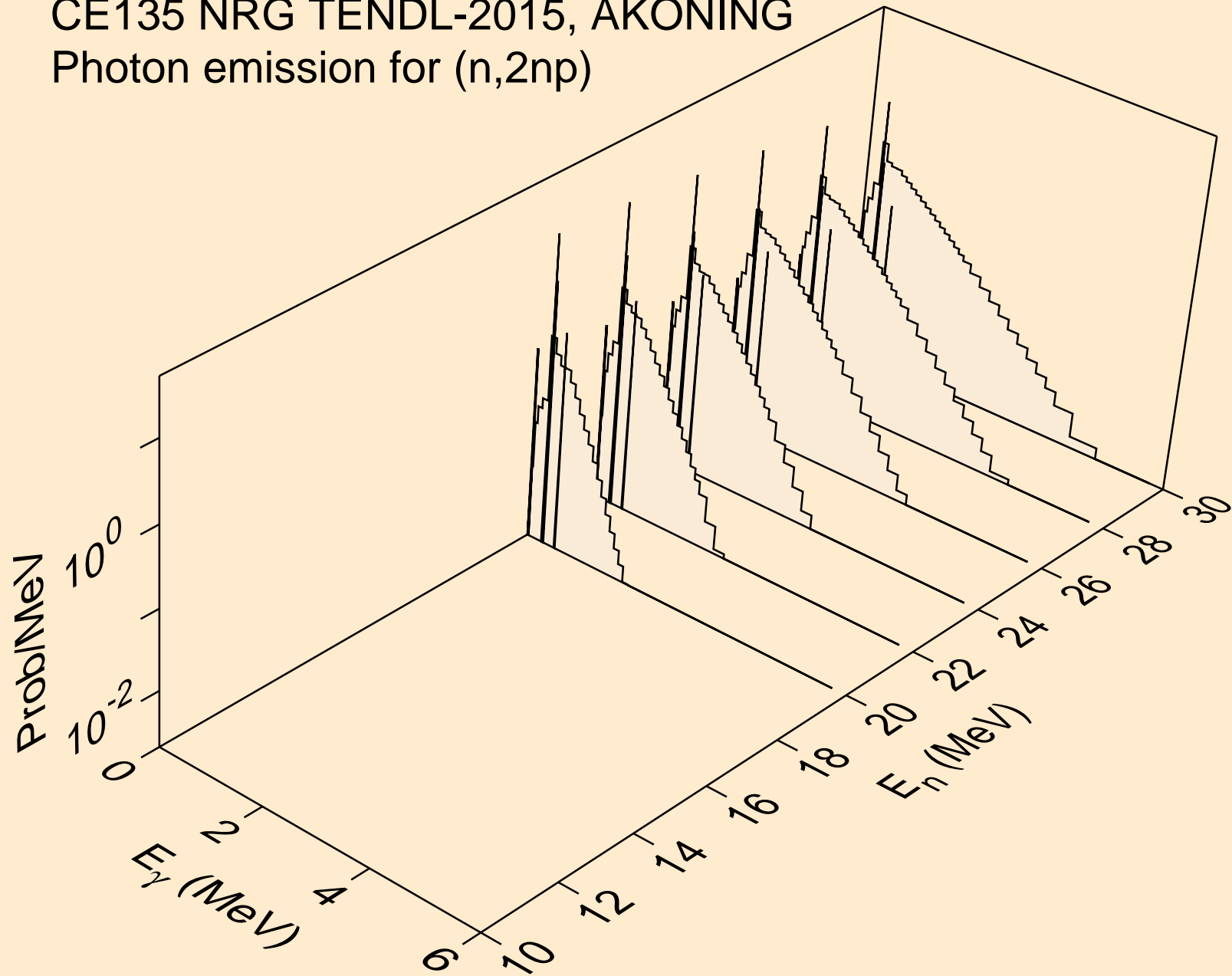
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



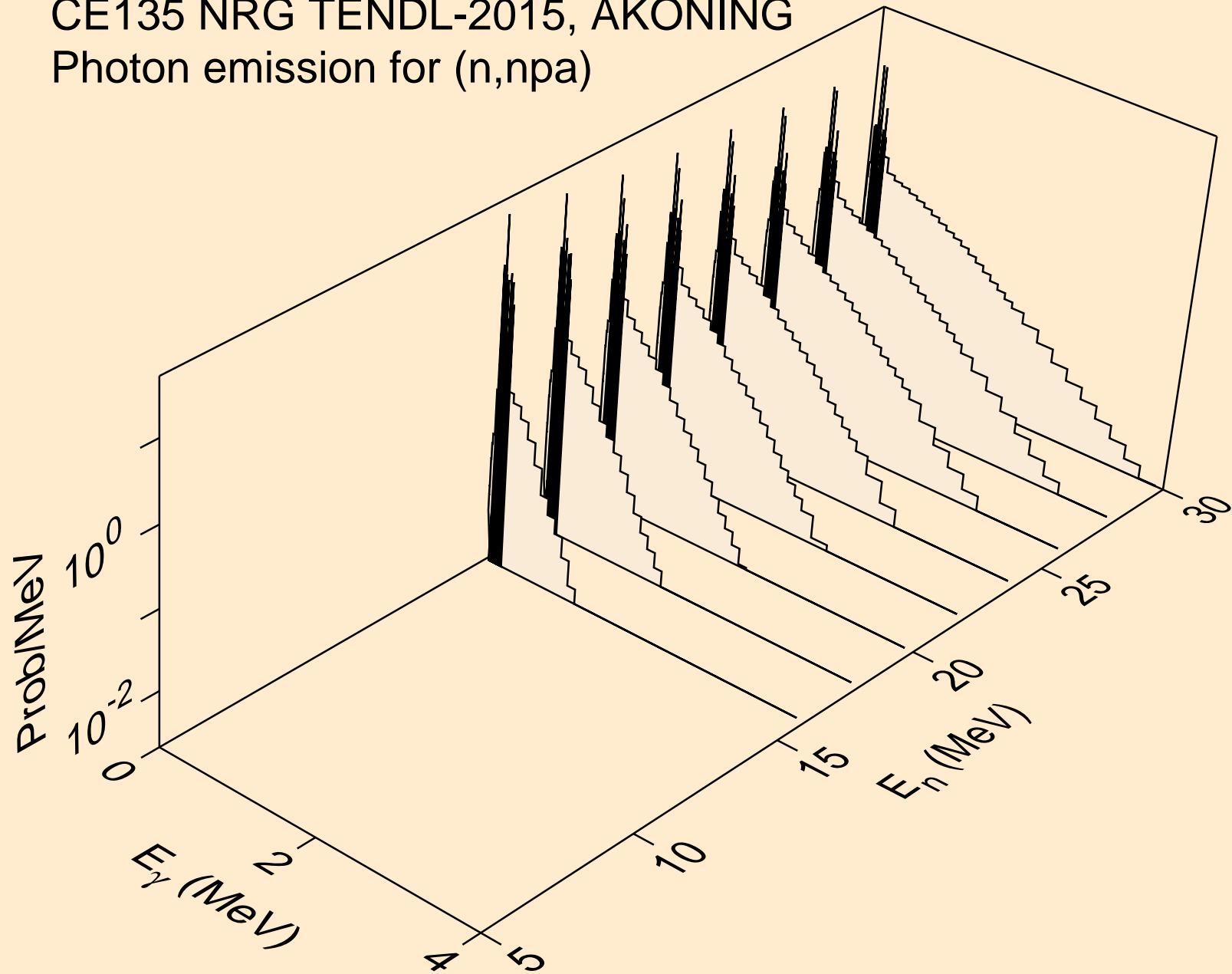
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



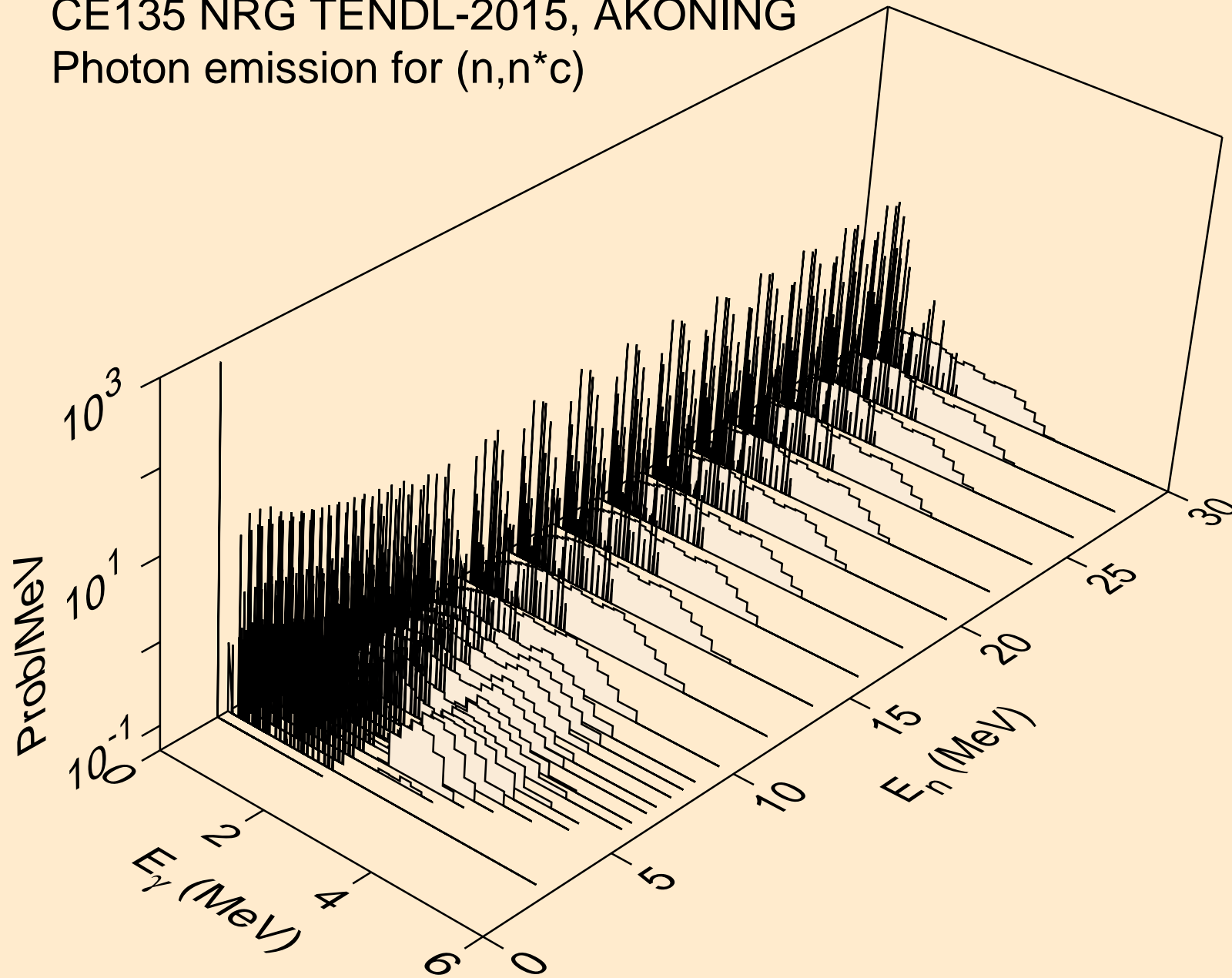
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

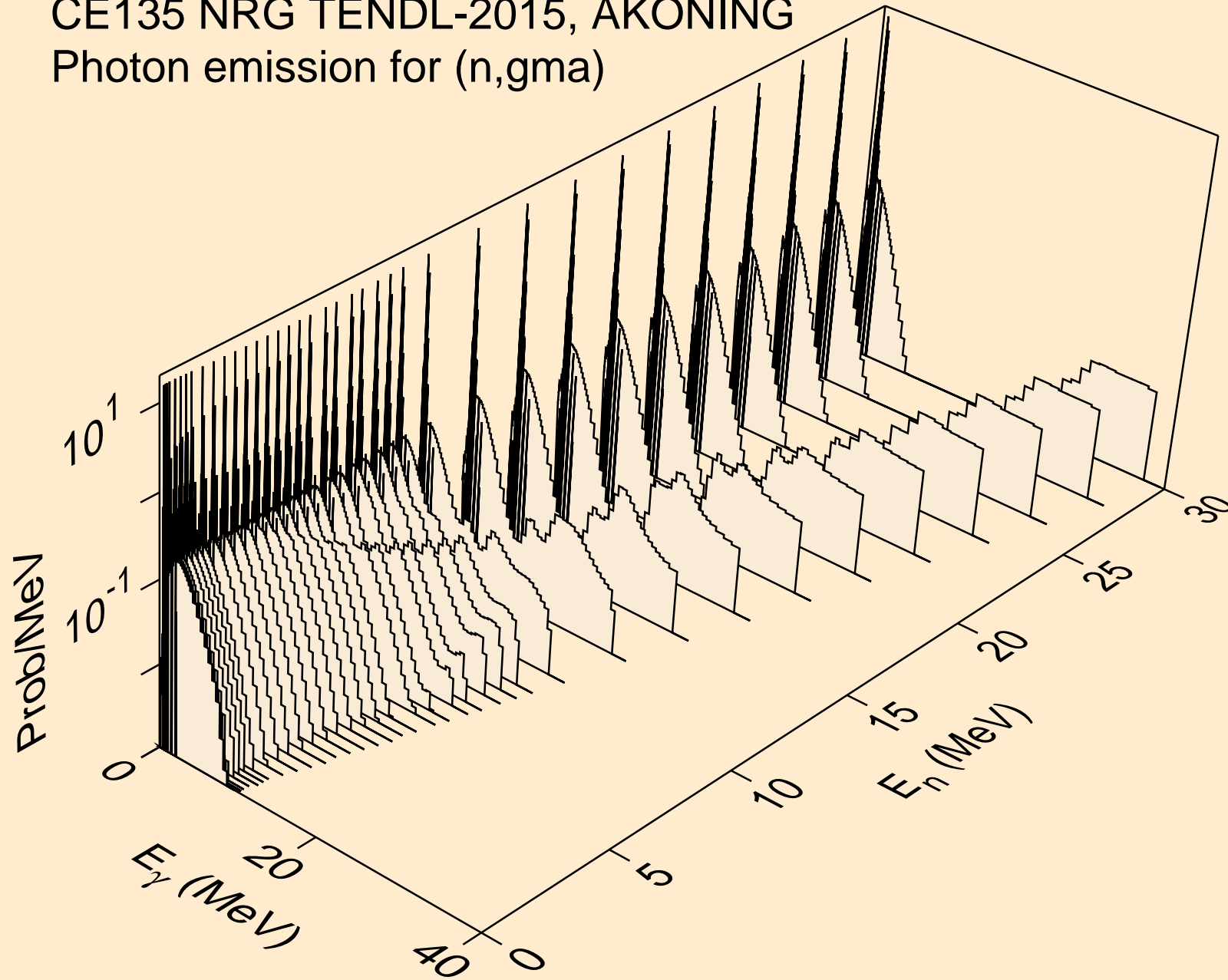


CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

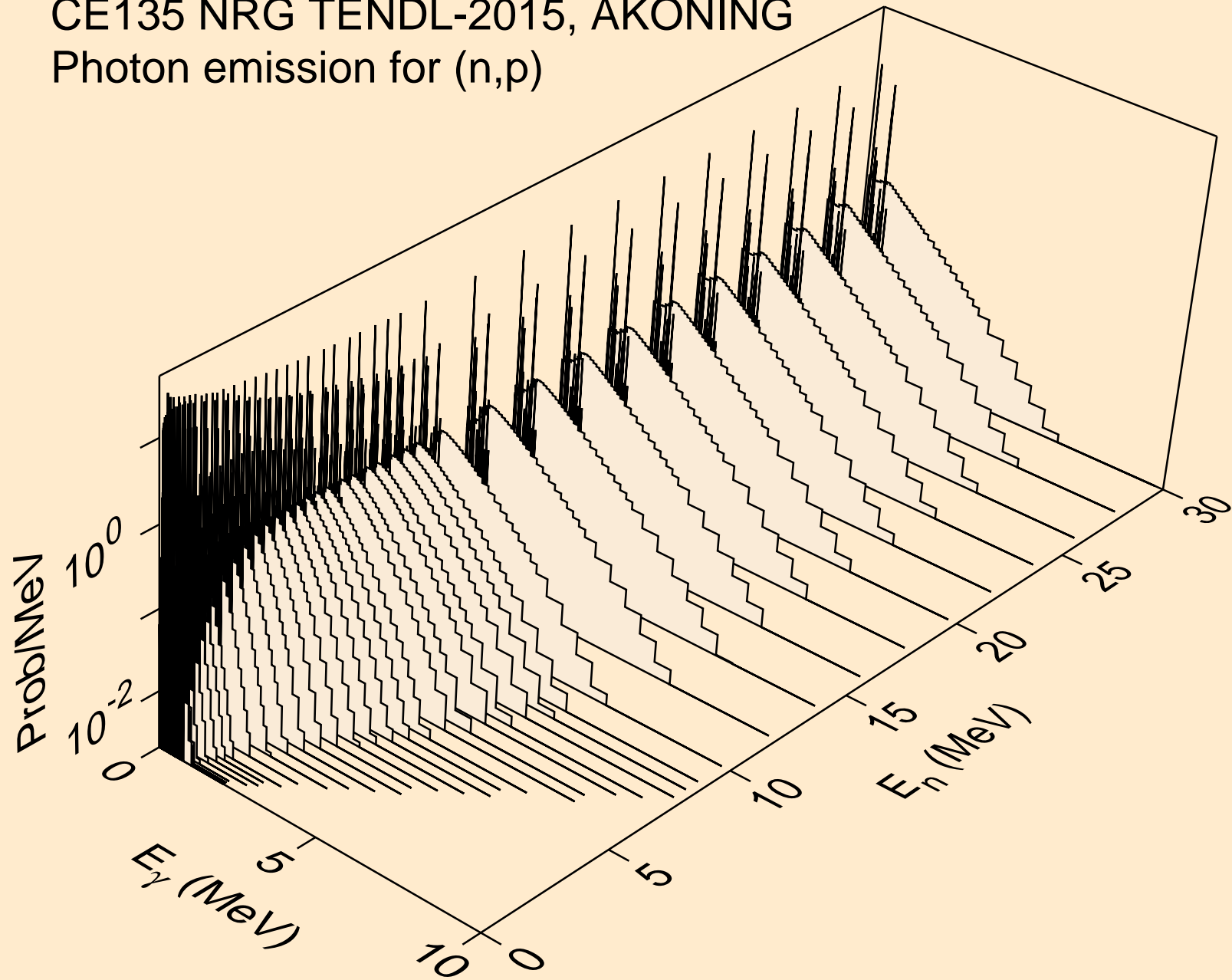




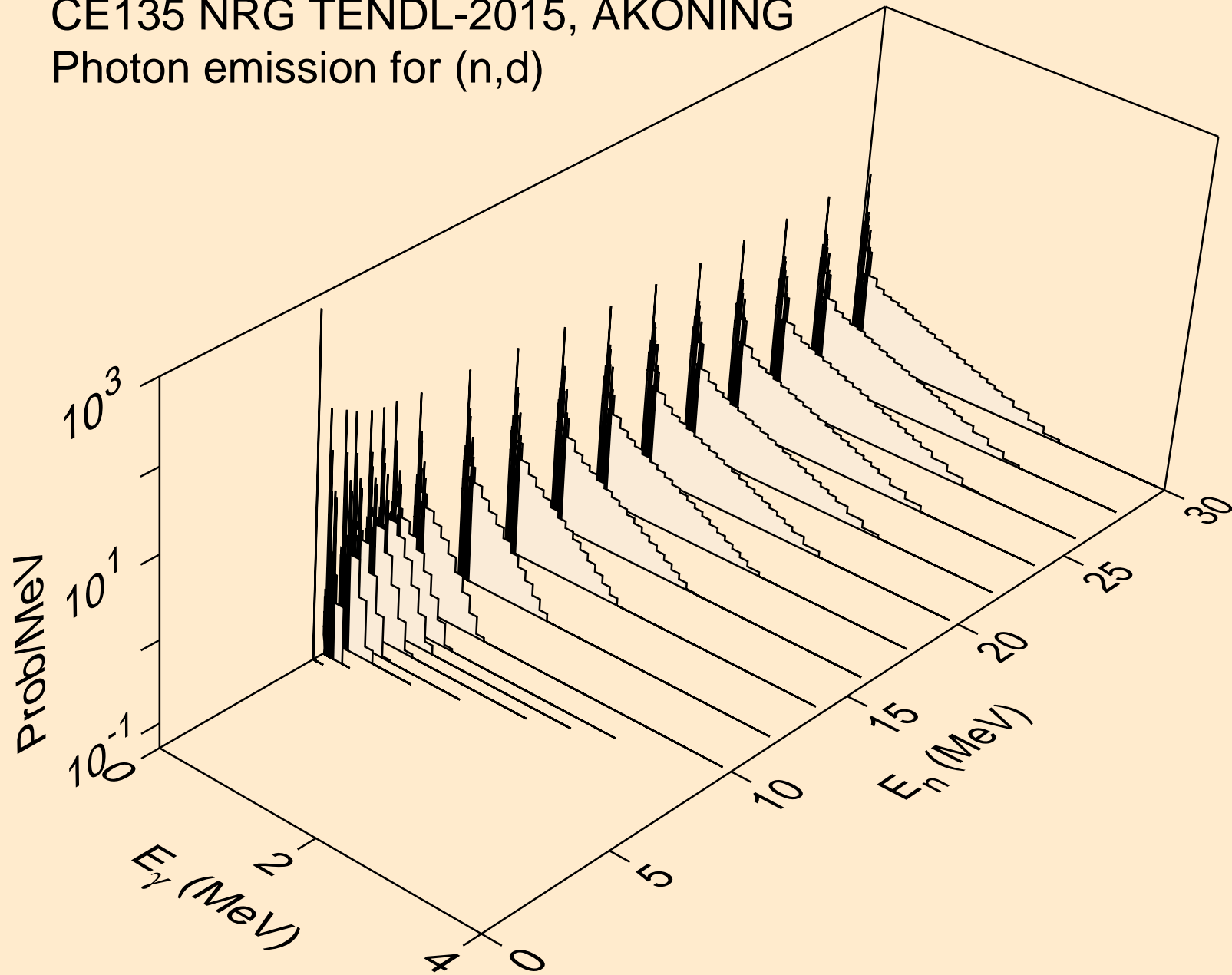
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



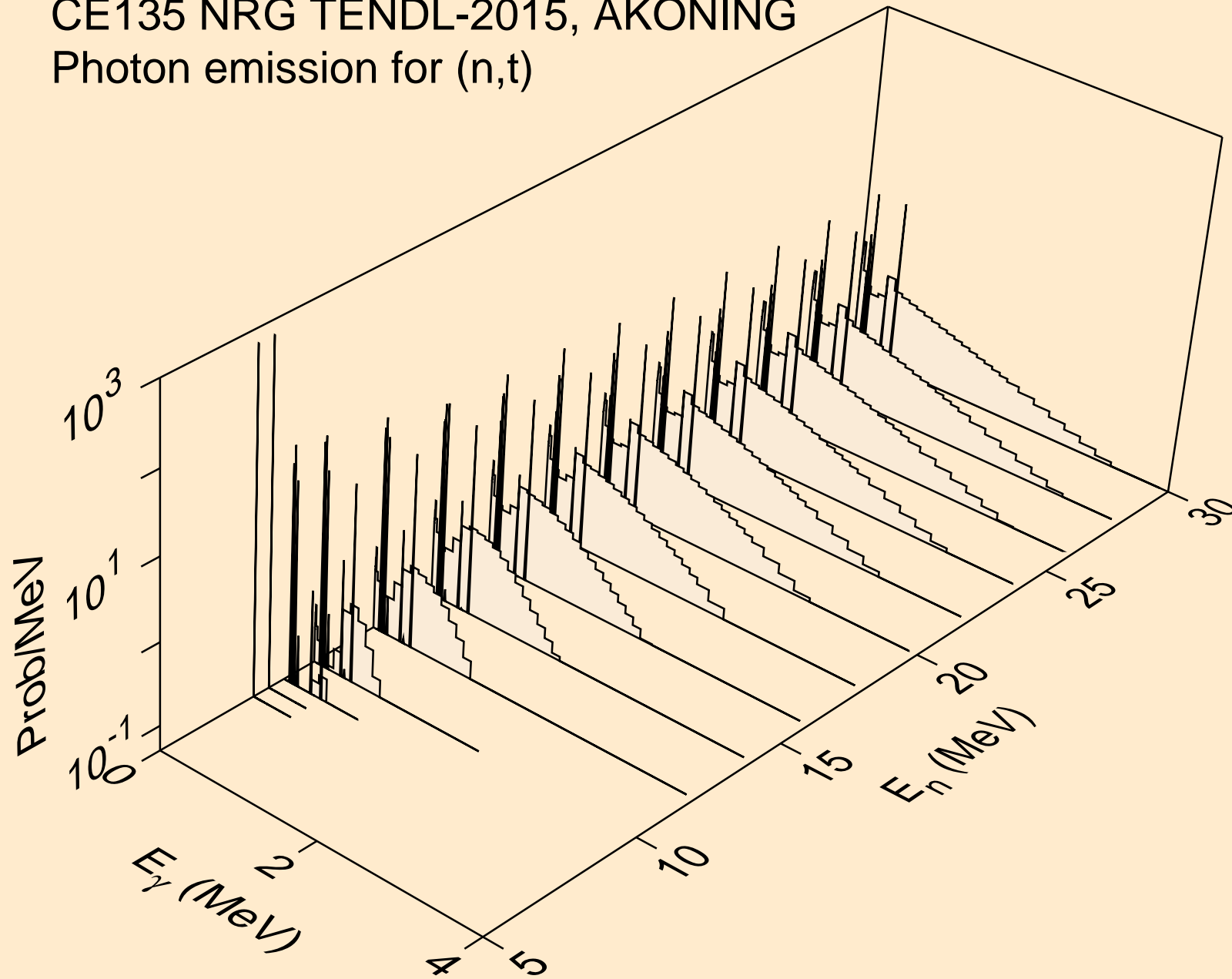
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



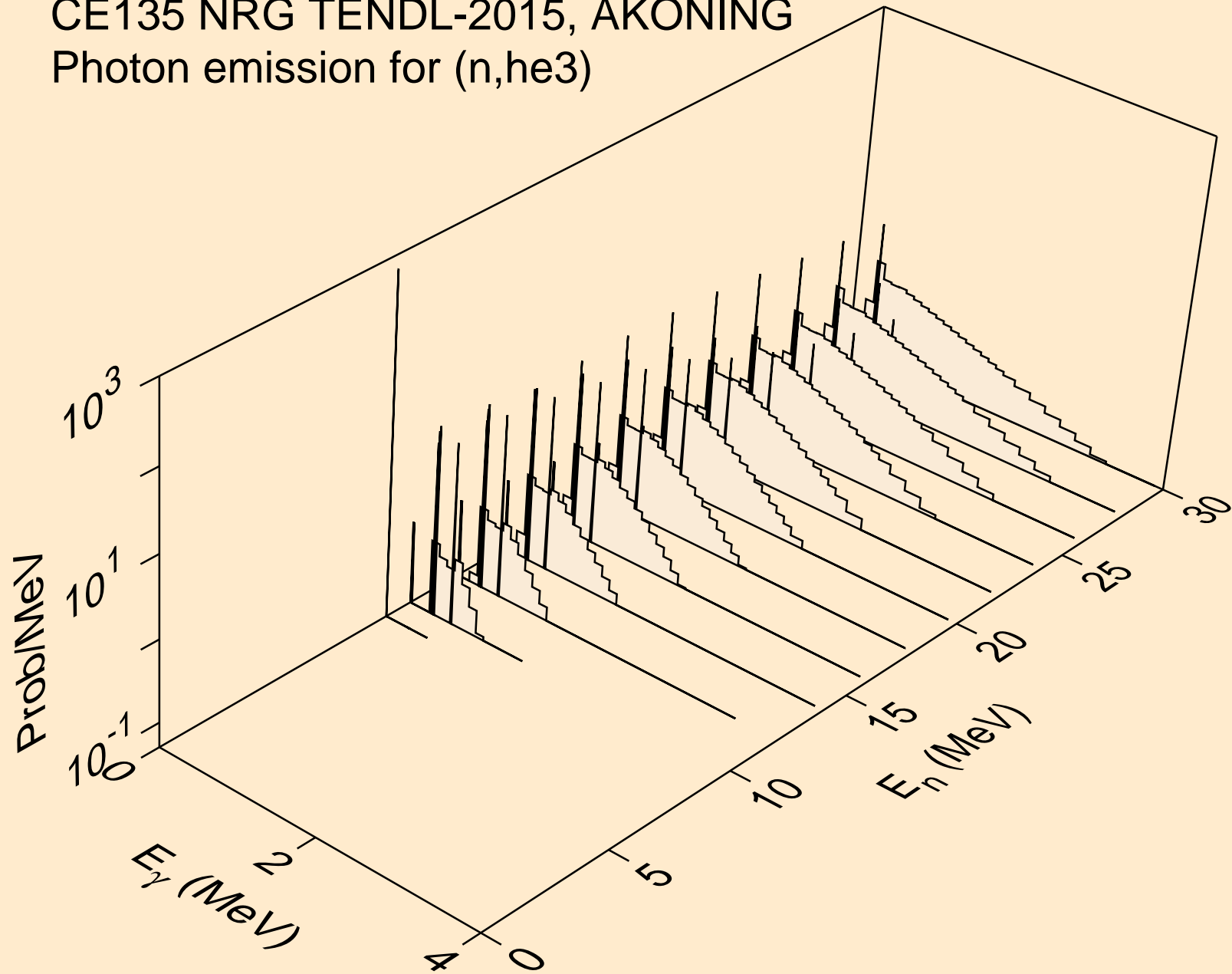
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



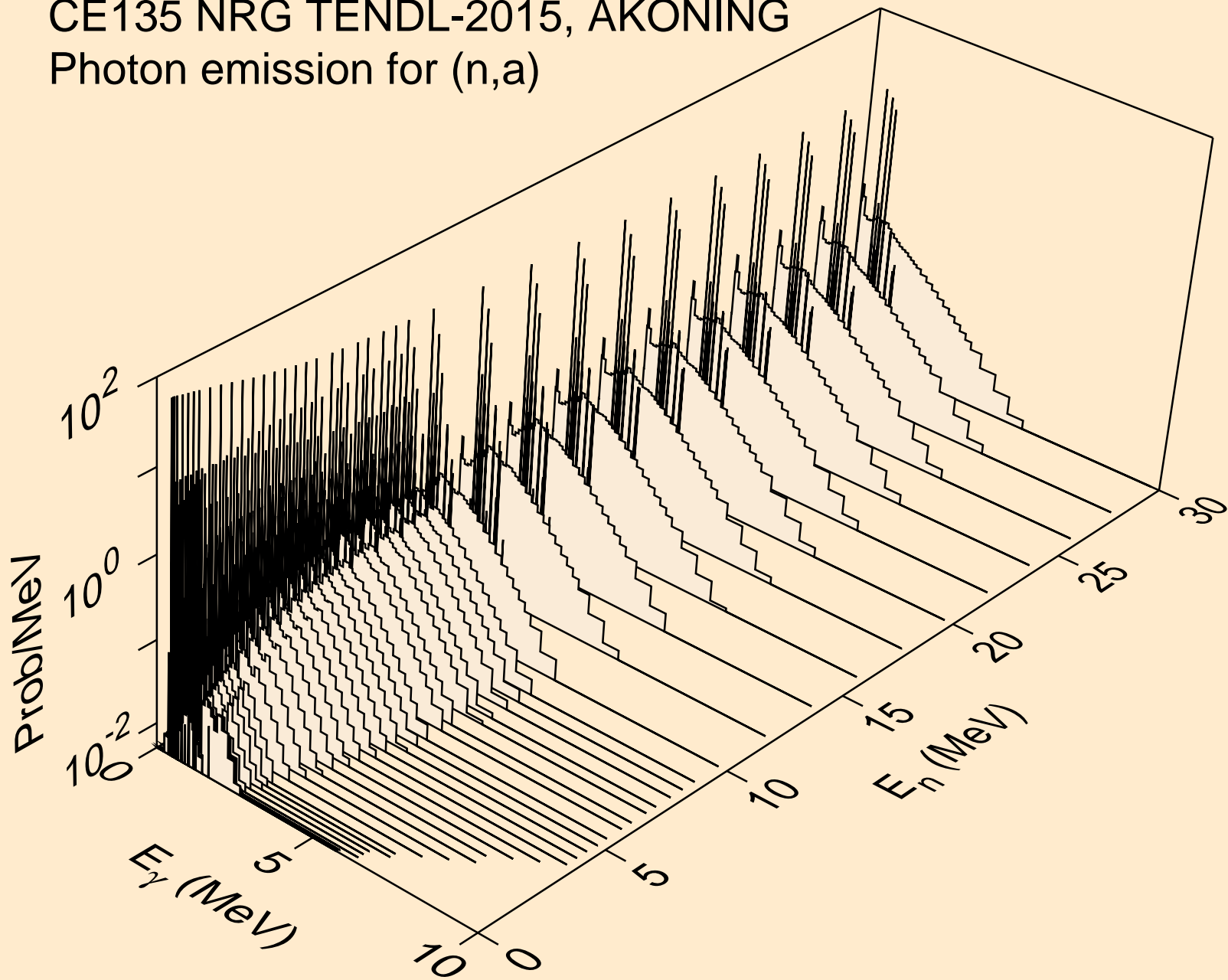
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



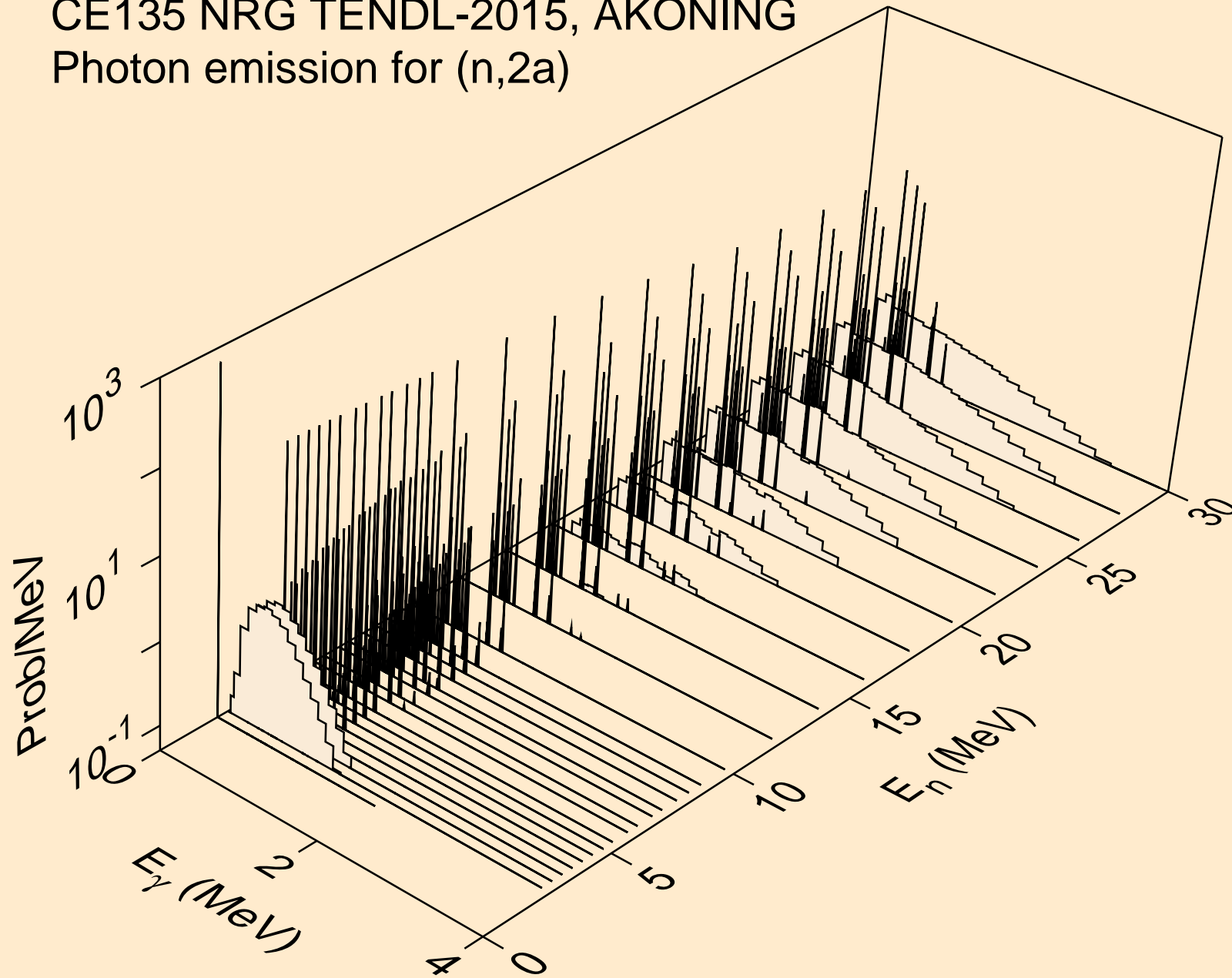
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



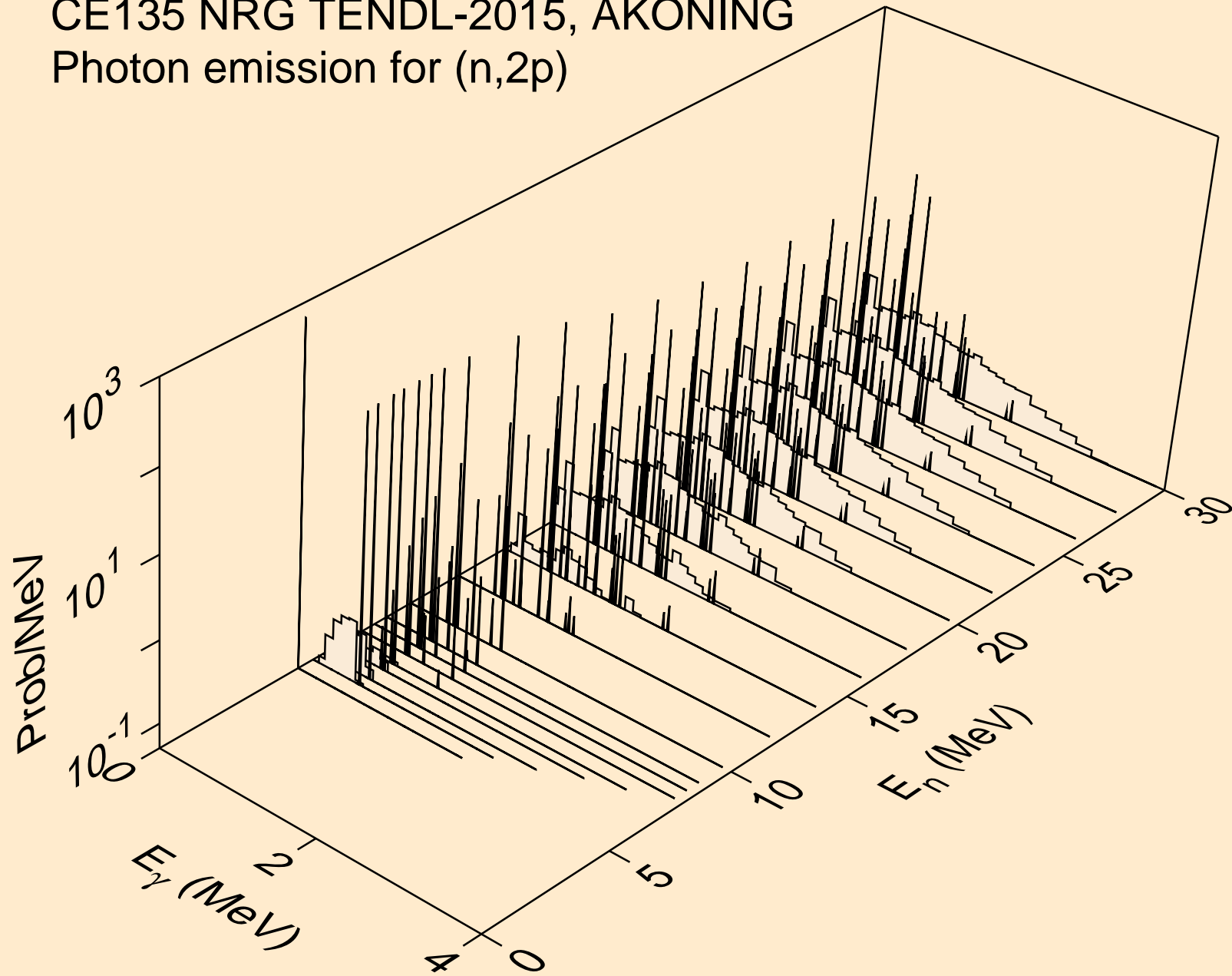
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

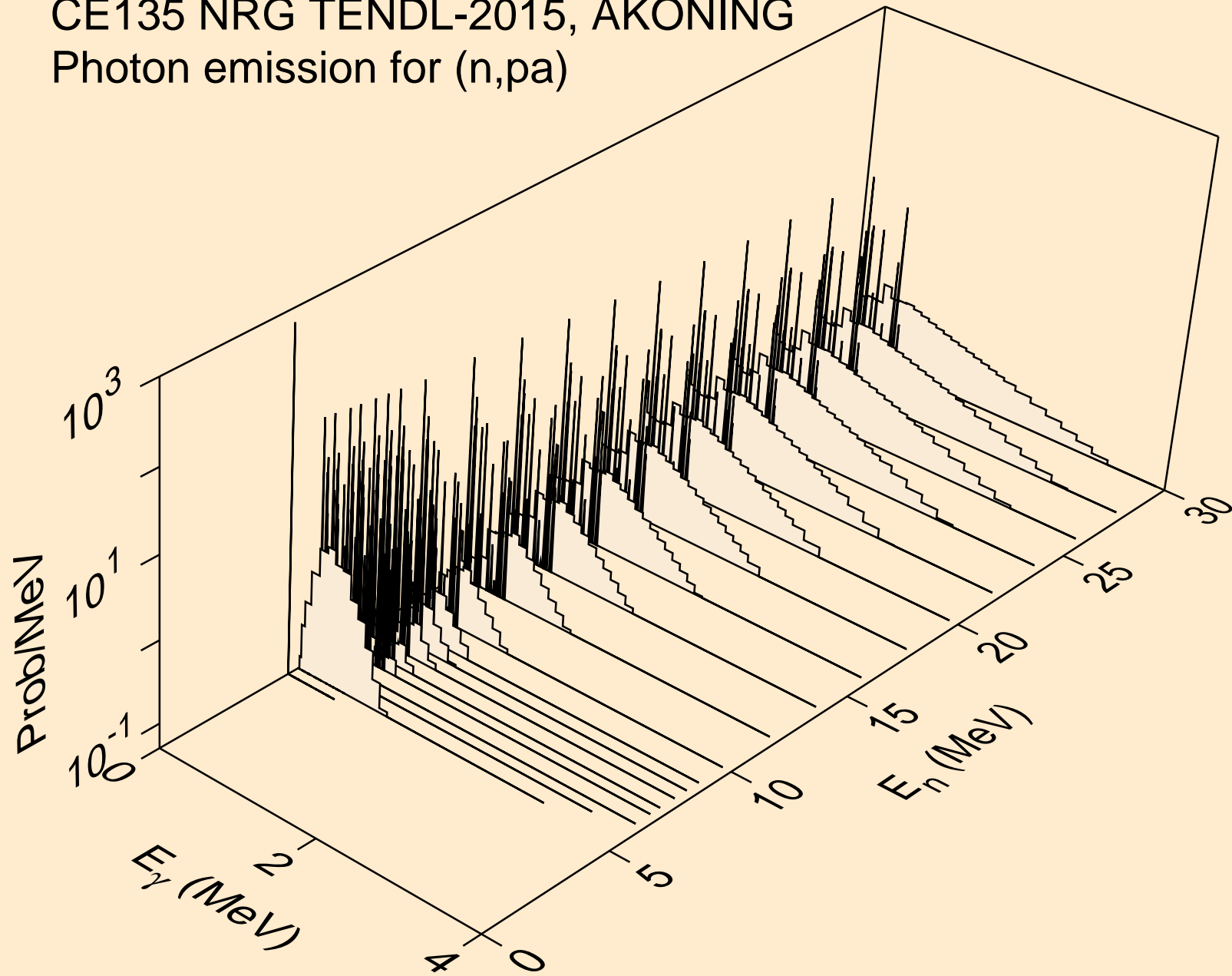


CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

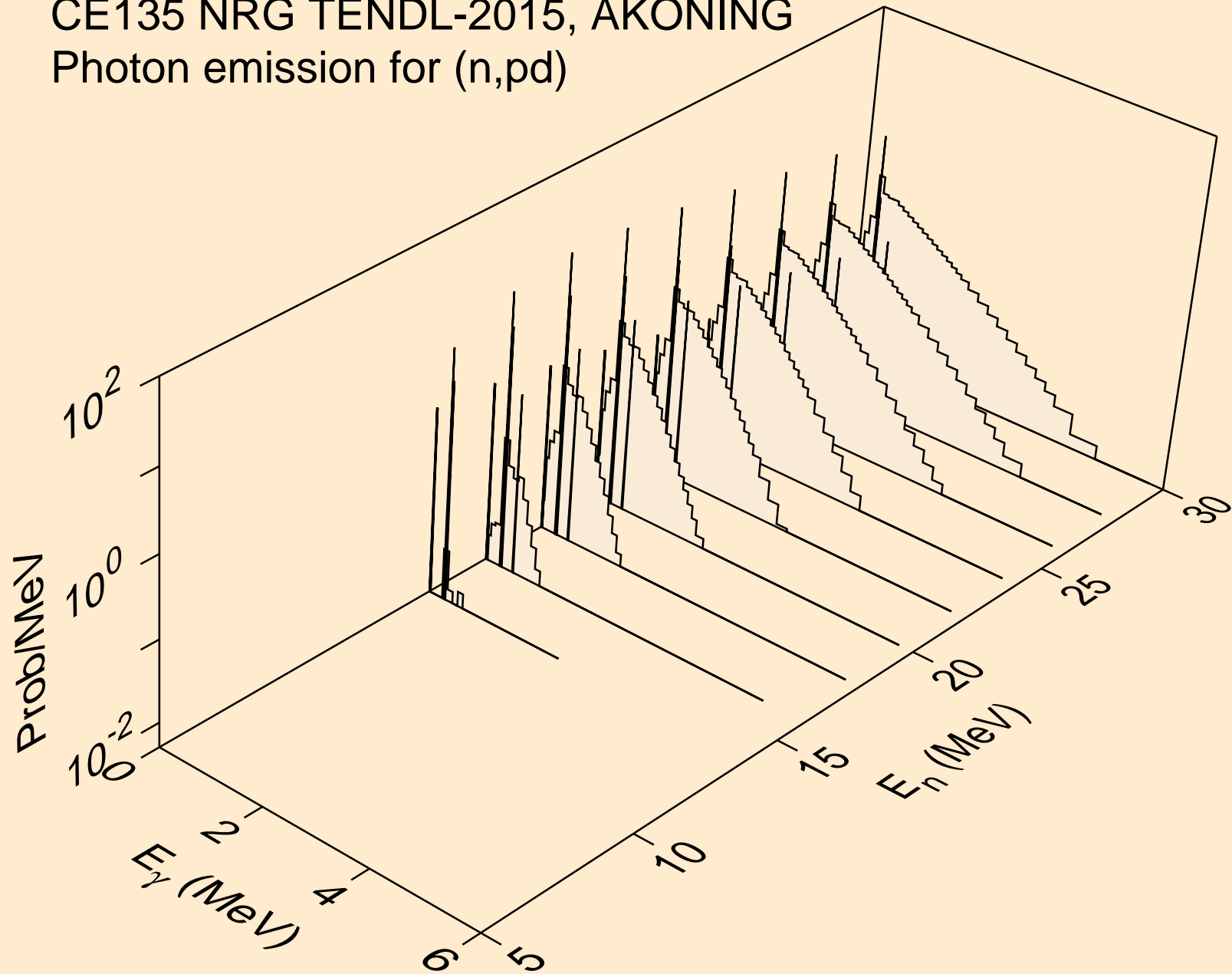




CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

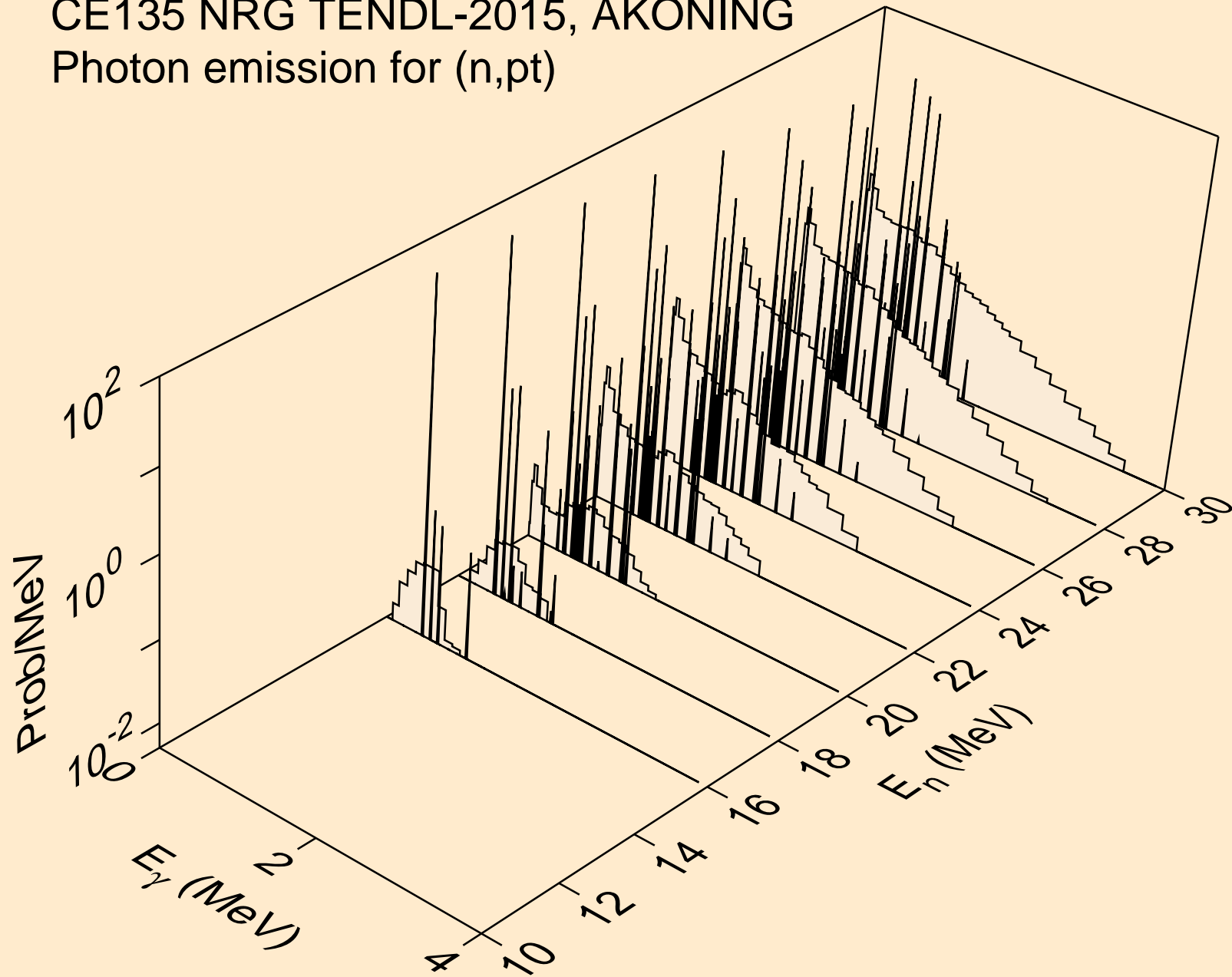


CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

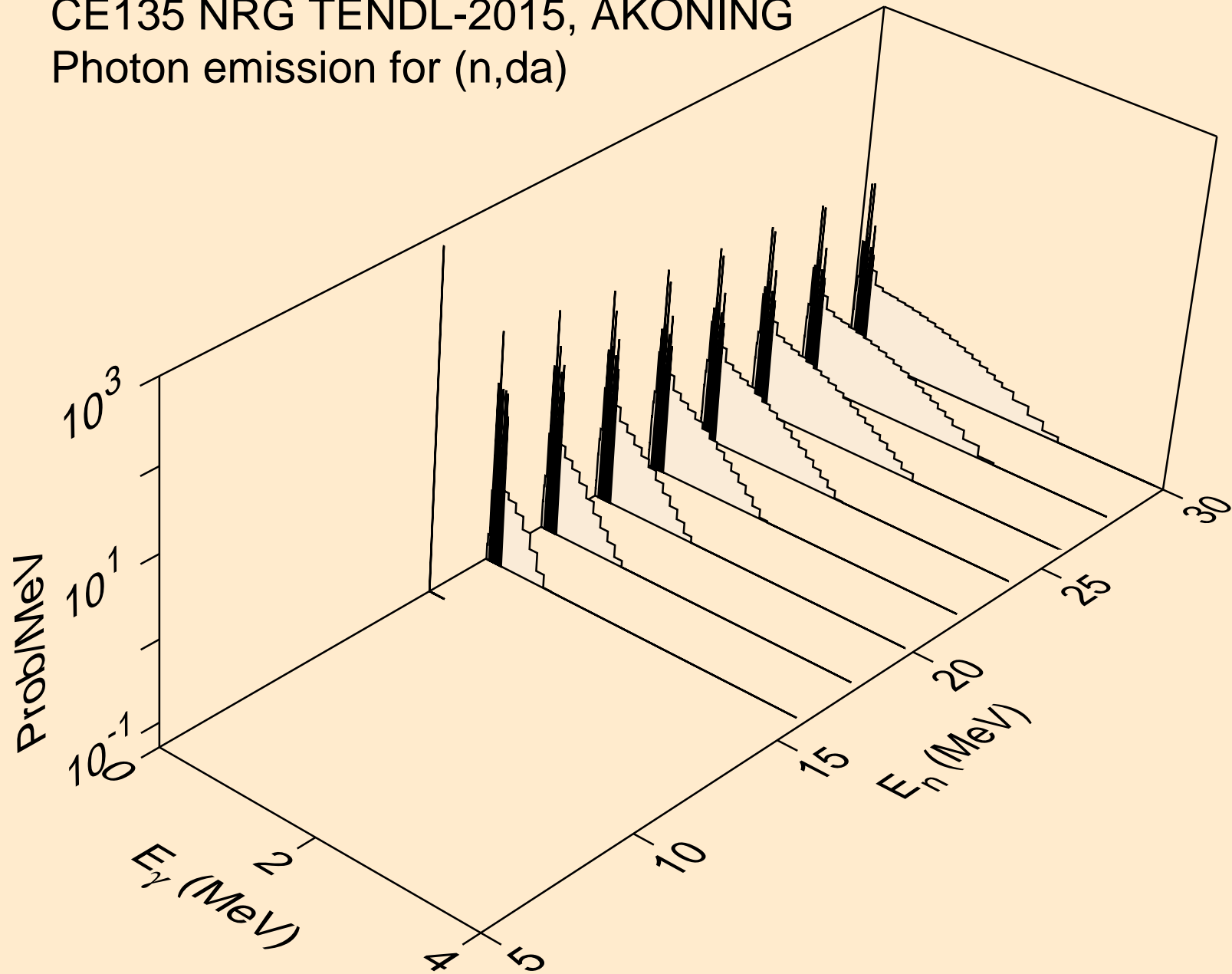


# CE135 NRG TENDL-2015, AKONING

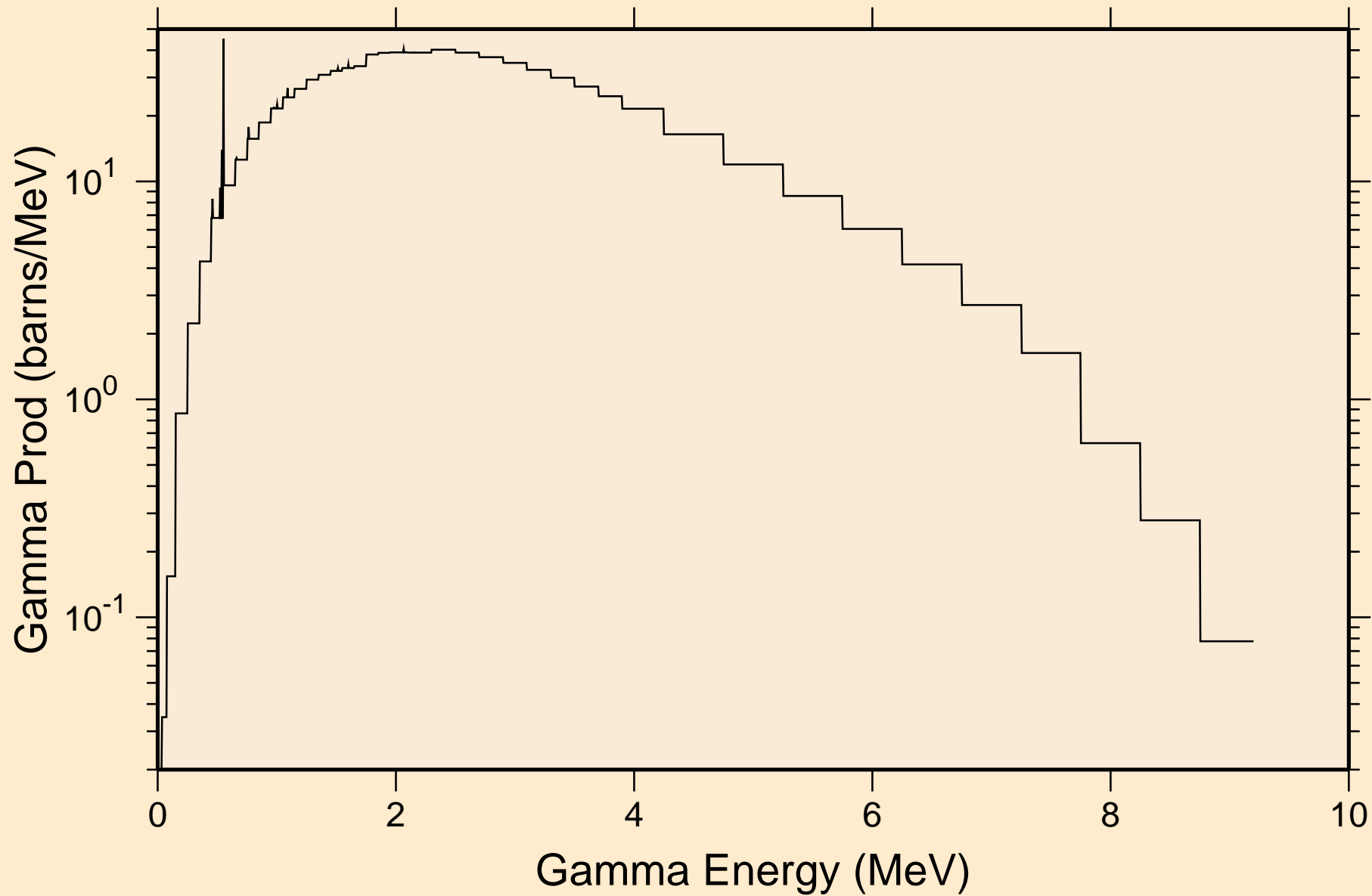
Photon emission for (n,pt)



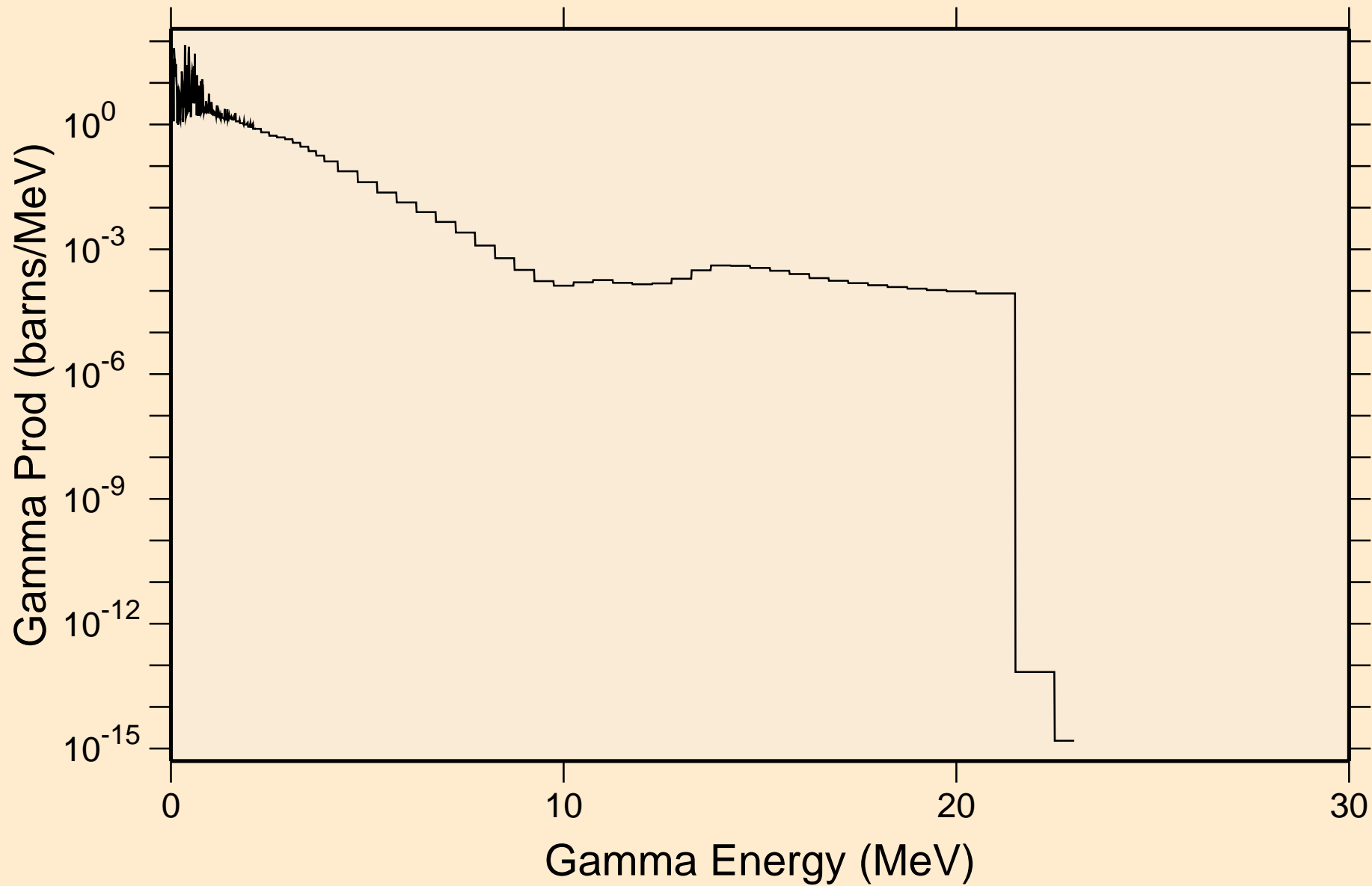
CE135 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CE135 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

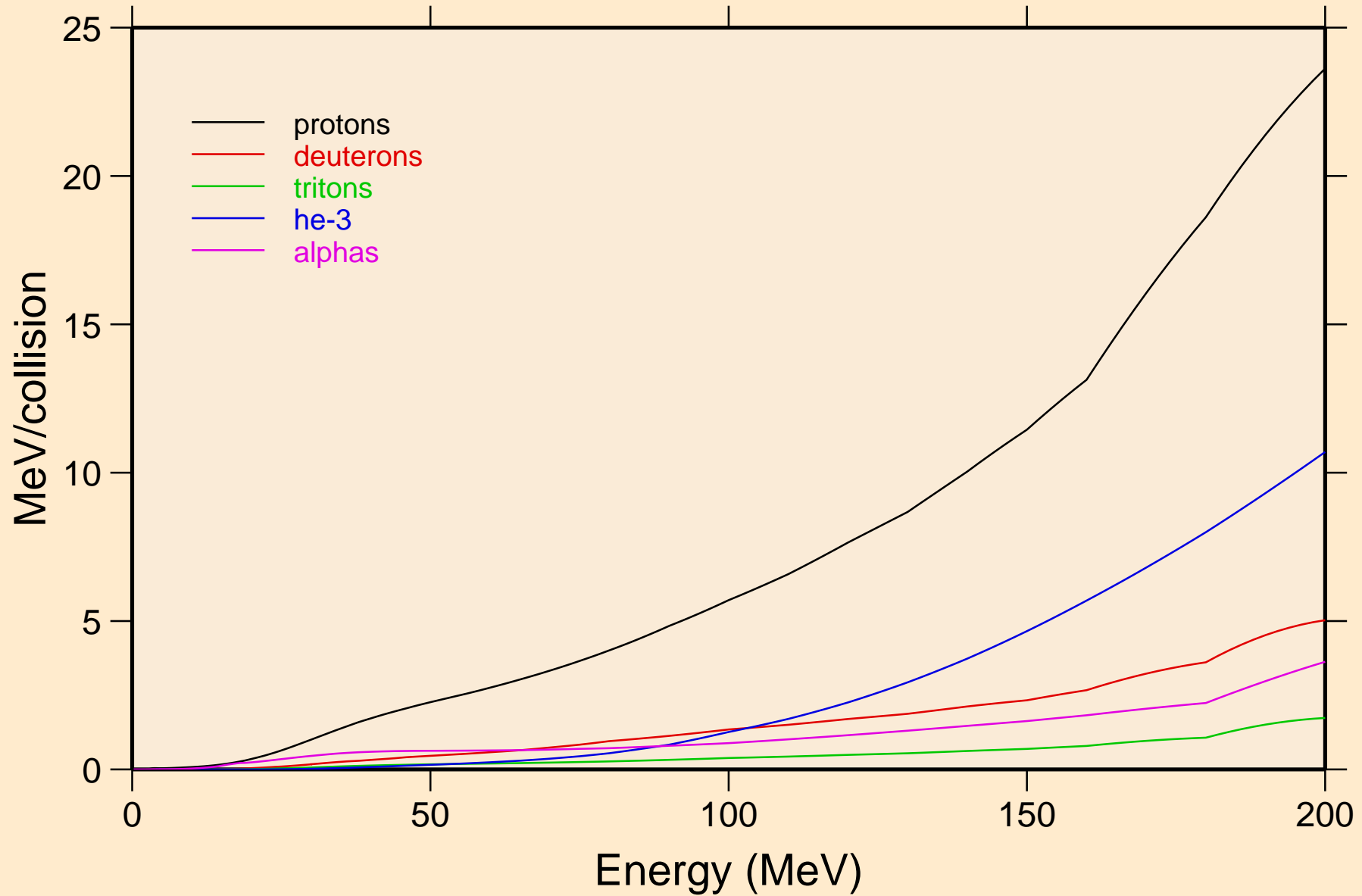


CE135 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



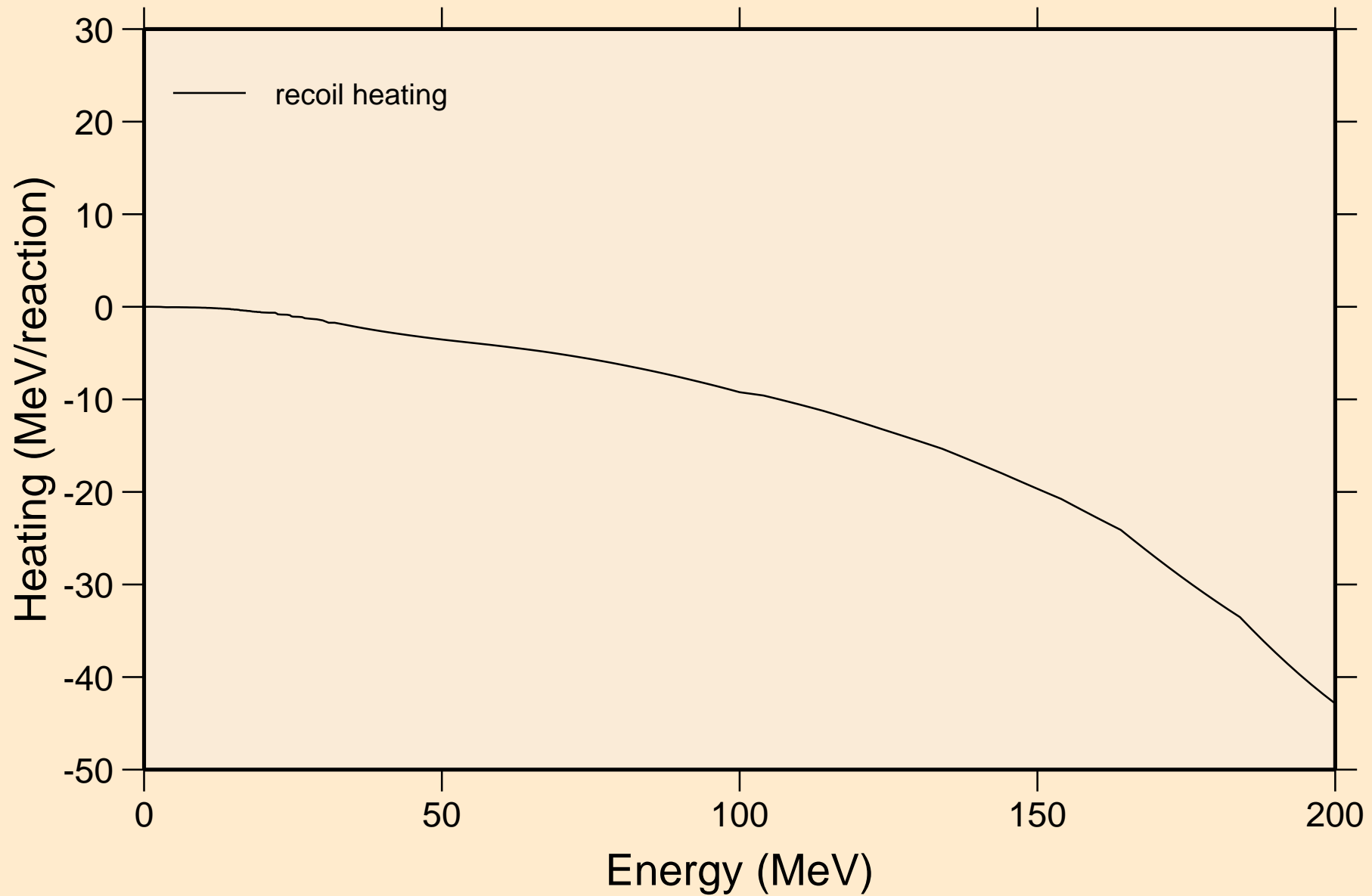
# CE135 NRG TENDL-2015, AKONING

## Particle heating contributions



# CE135 NRG TENDL-2015, AKONING

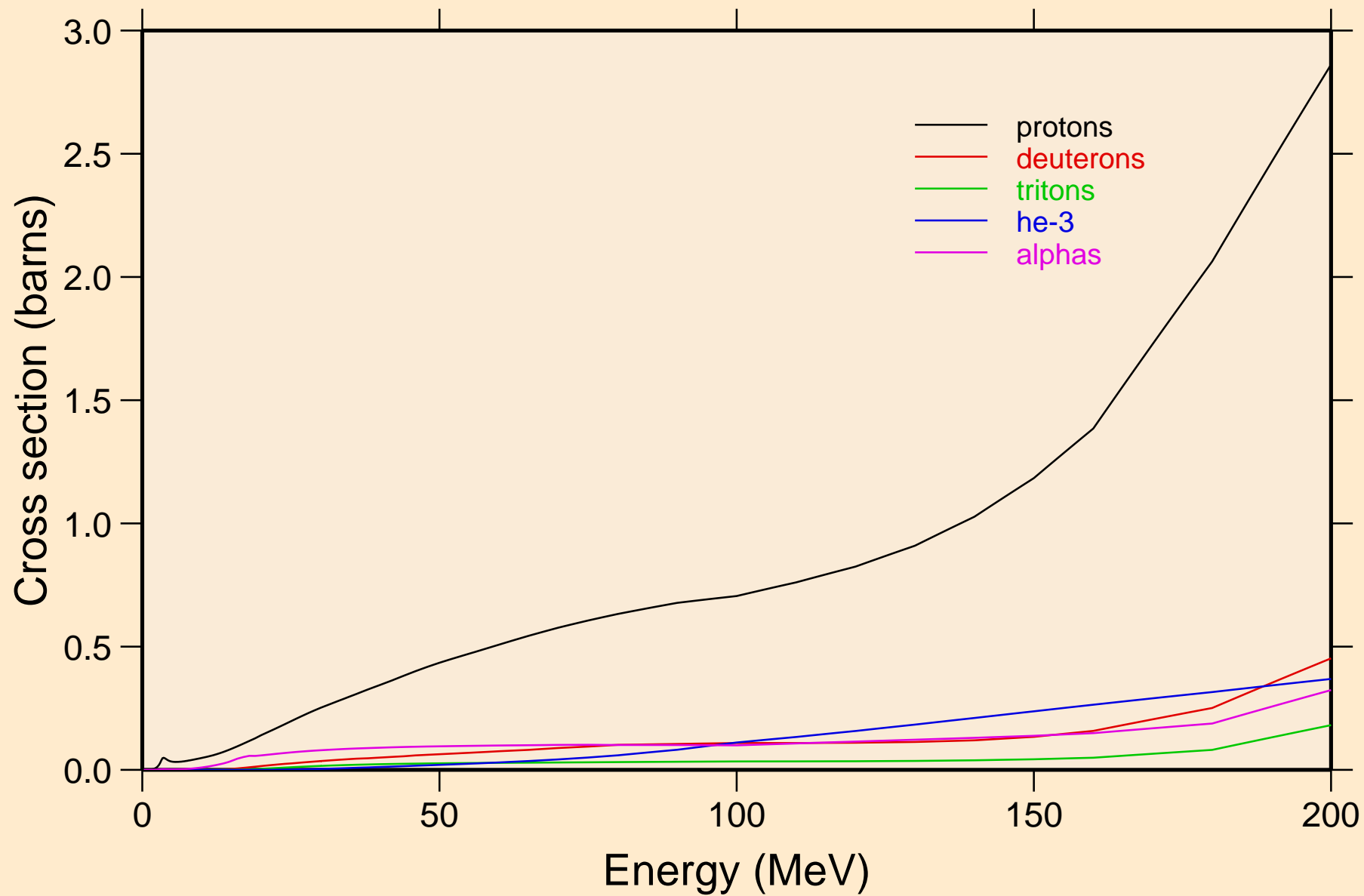
## Recoil Heating



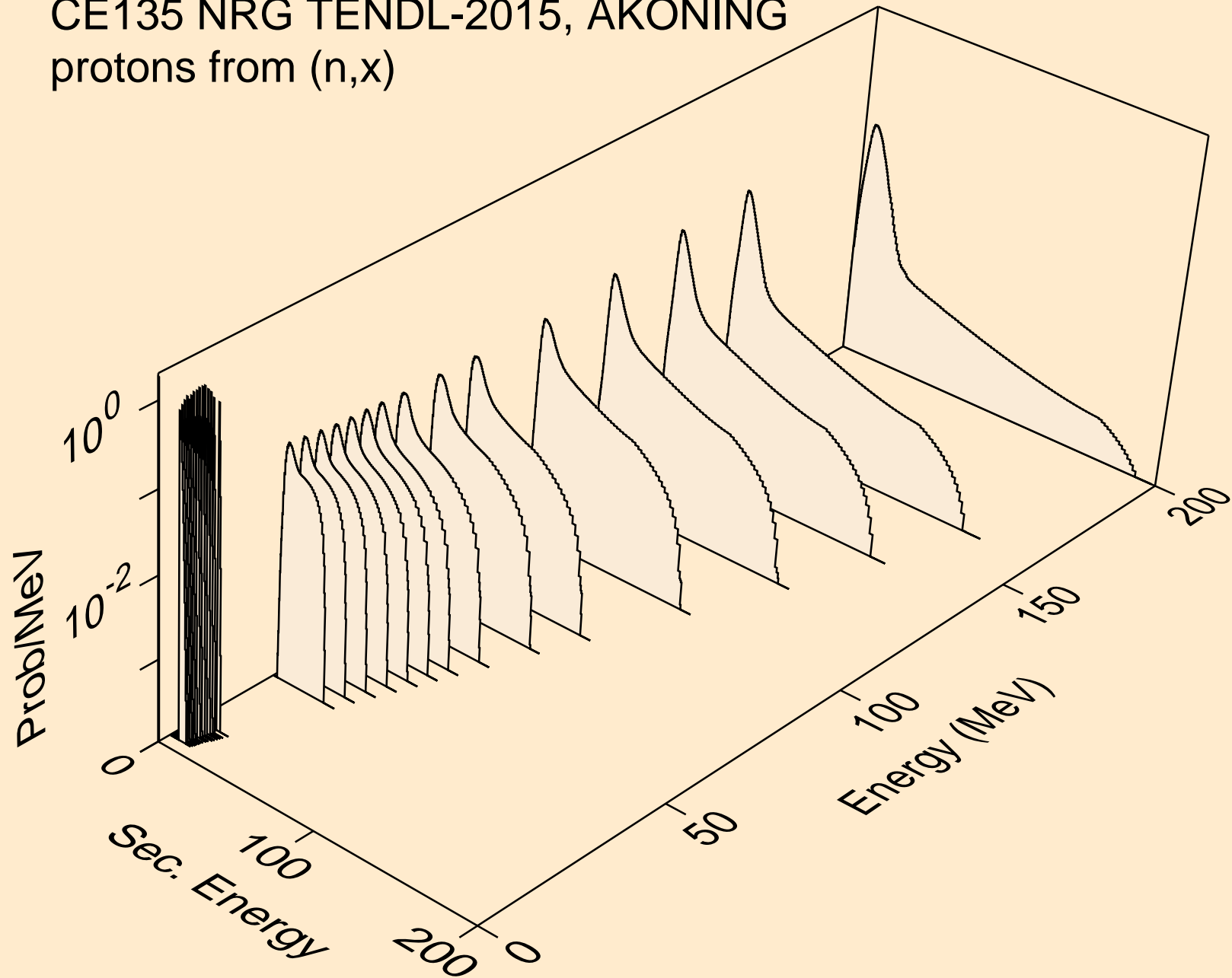


# CE135 NRG TENDL-2015, AKONING

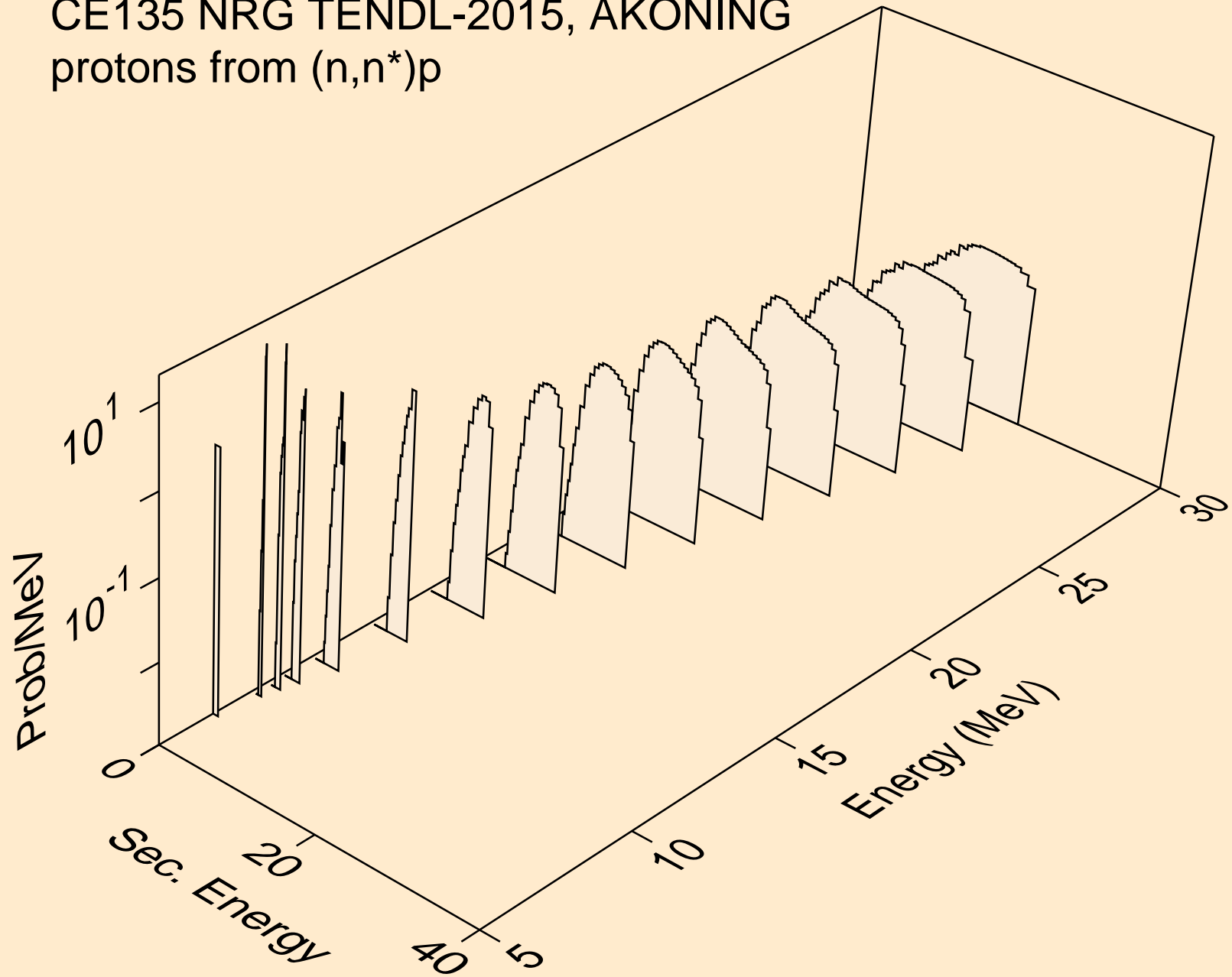
## Particle production cross sections



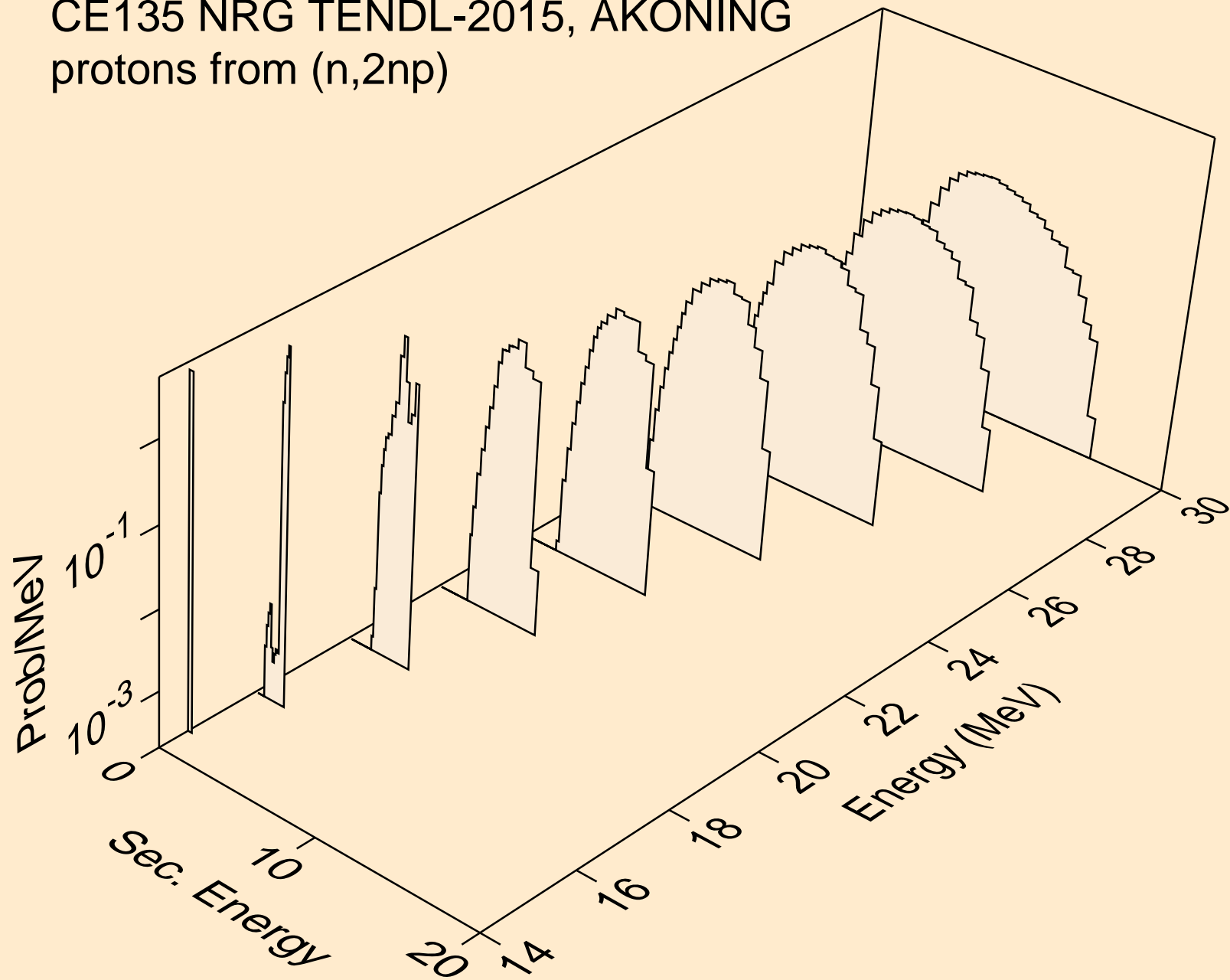
CE135 NRG TENDL-2015, AKONING  
protons from (n,x)



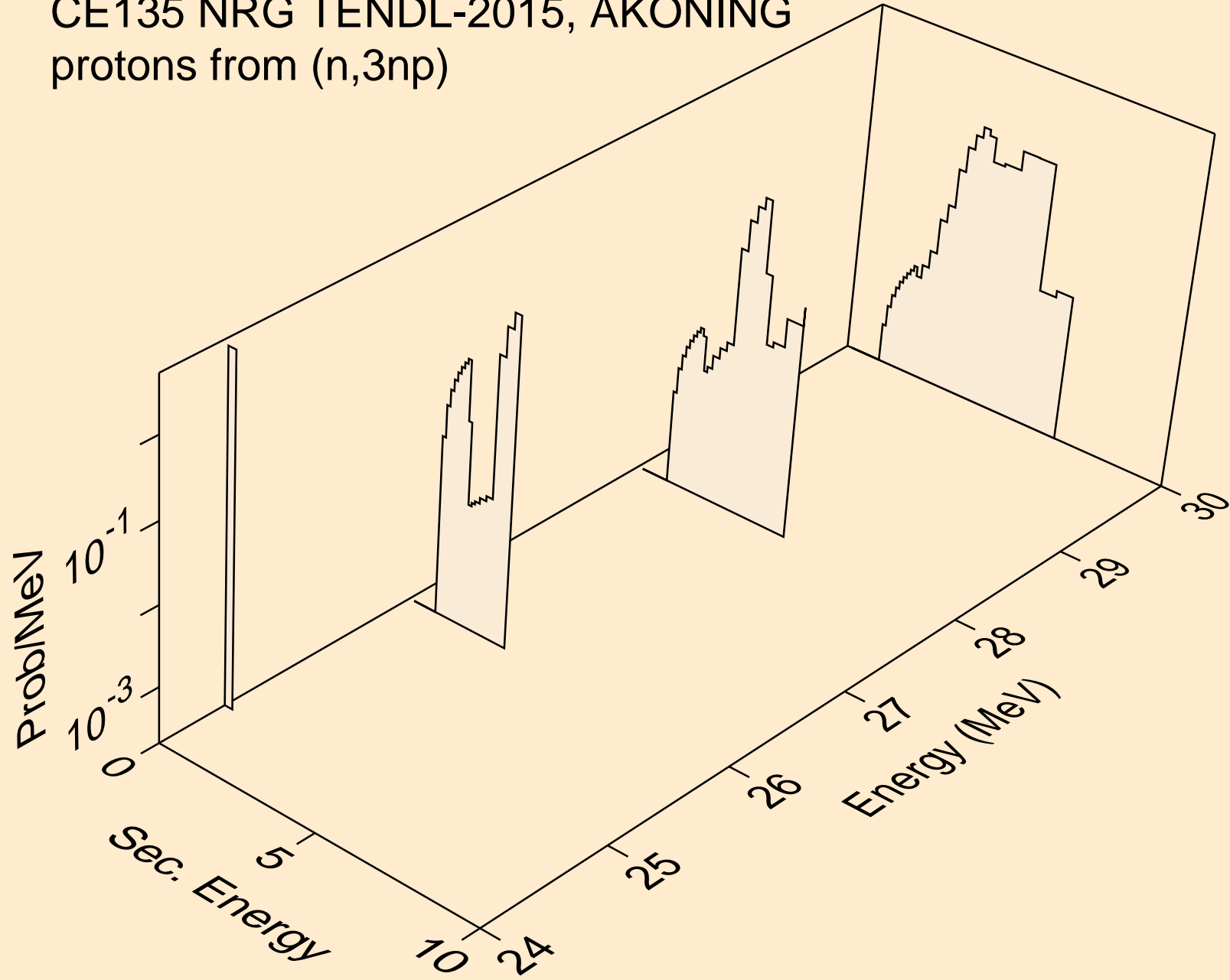
CE135 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



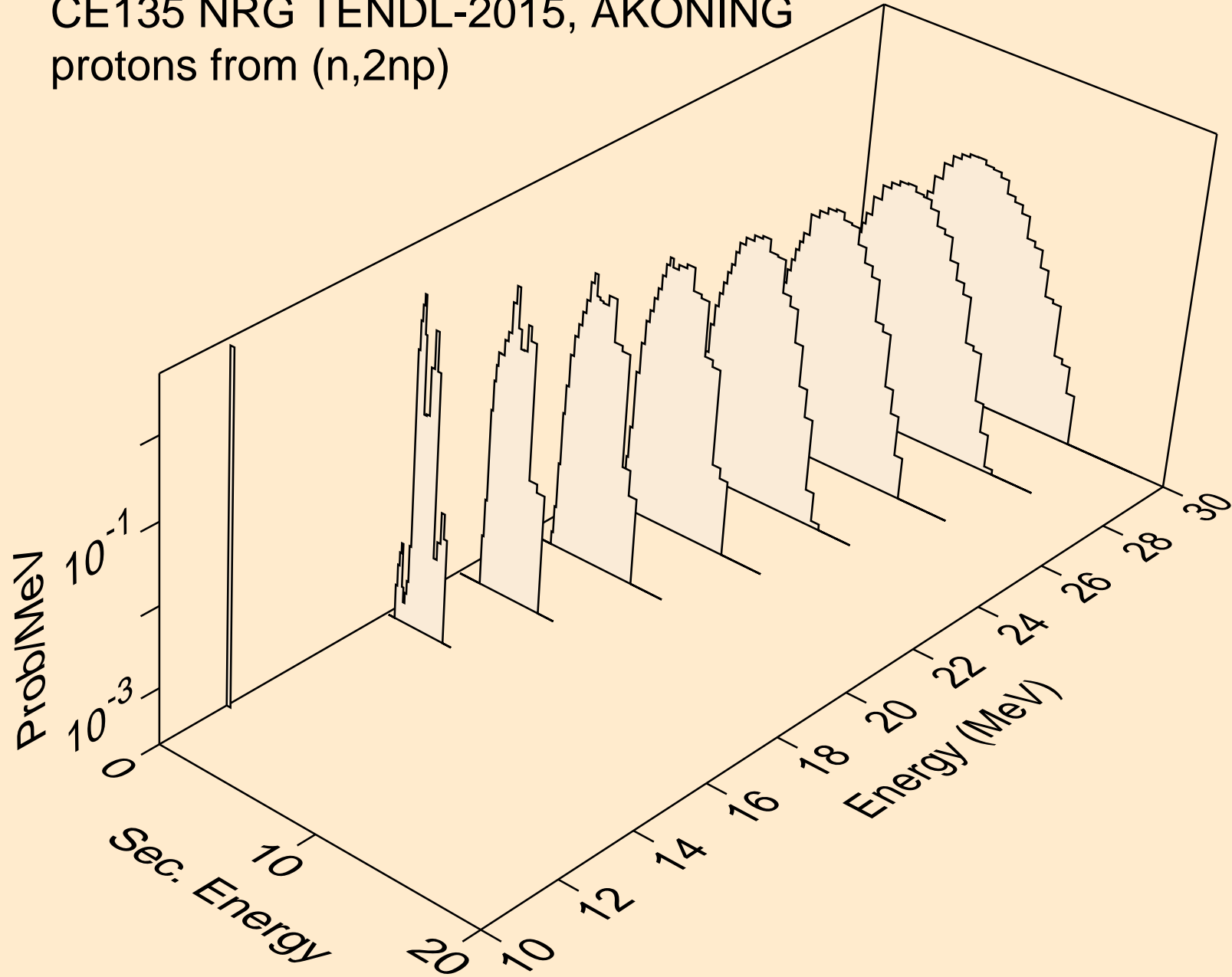
CE135 NRG TENDL-2015, AKONING  
protons from (n,2np)



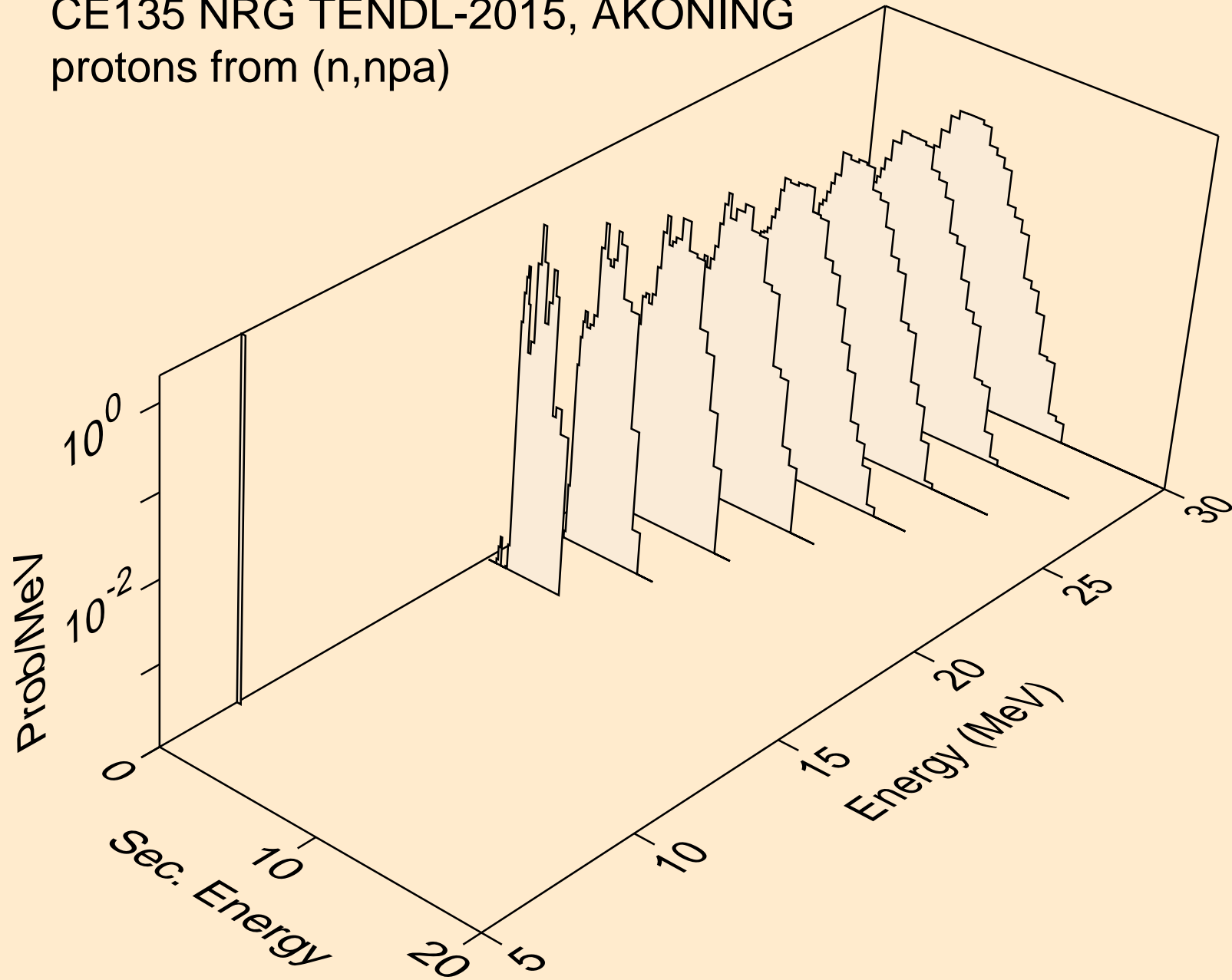
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protons from (n,3np)



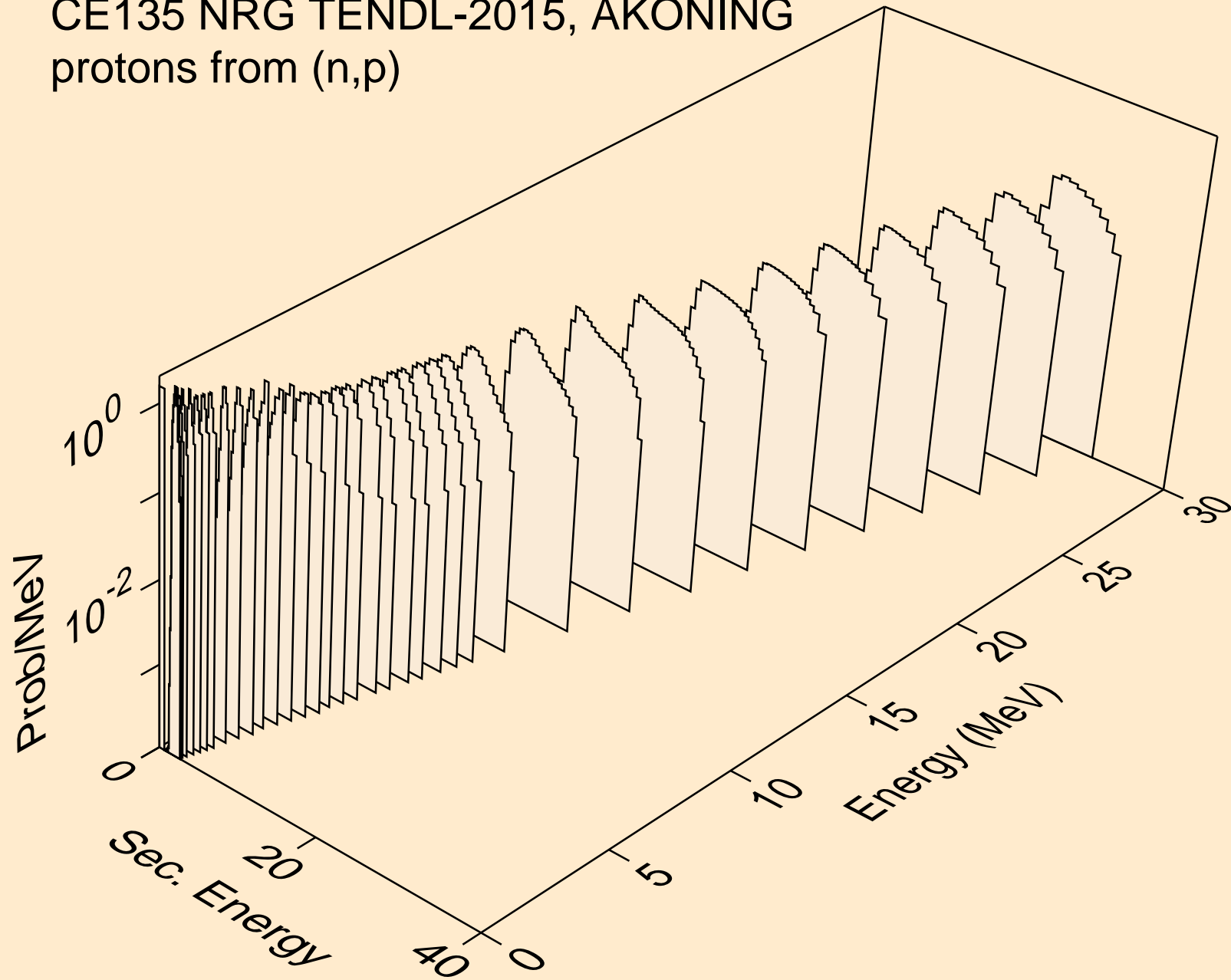
CE135 NRG TENDL-2015, AKONING  
protons from (n,2np)



CE135 NRG TENDL-2015, AKONING  
protons from (n,npa)

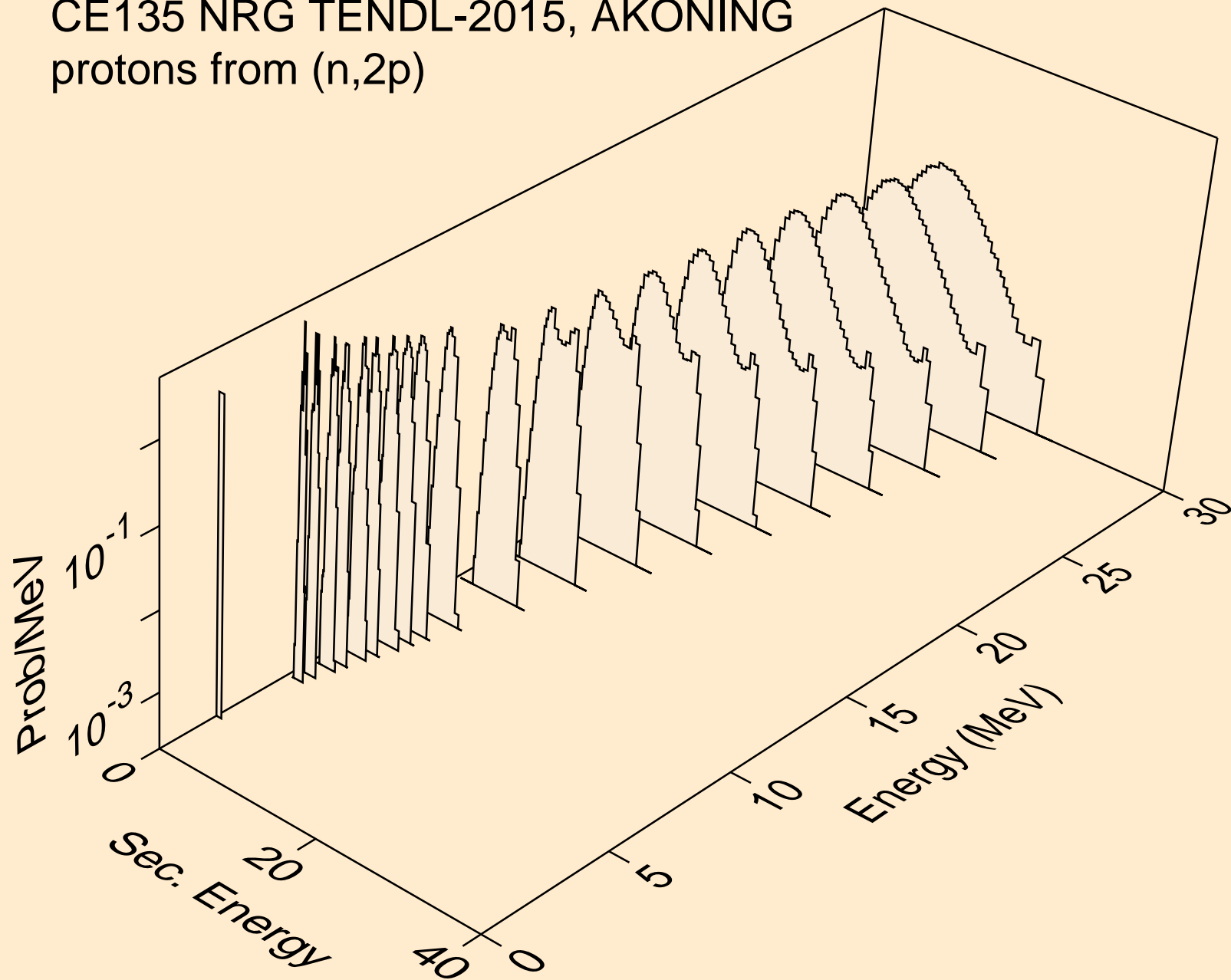


CE135 NRG TENDL-2015, AKONING  
protons from (n,p)

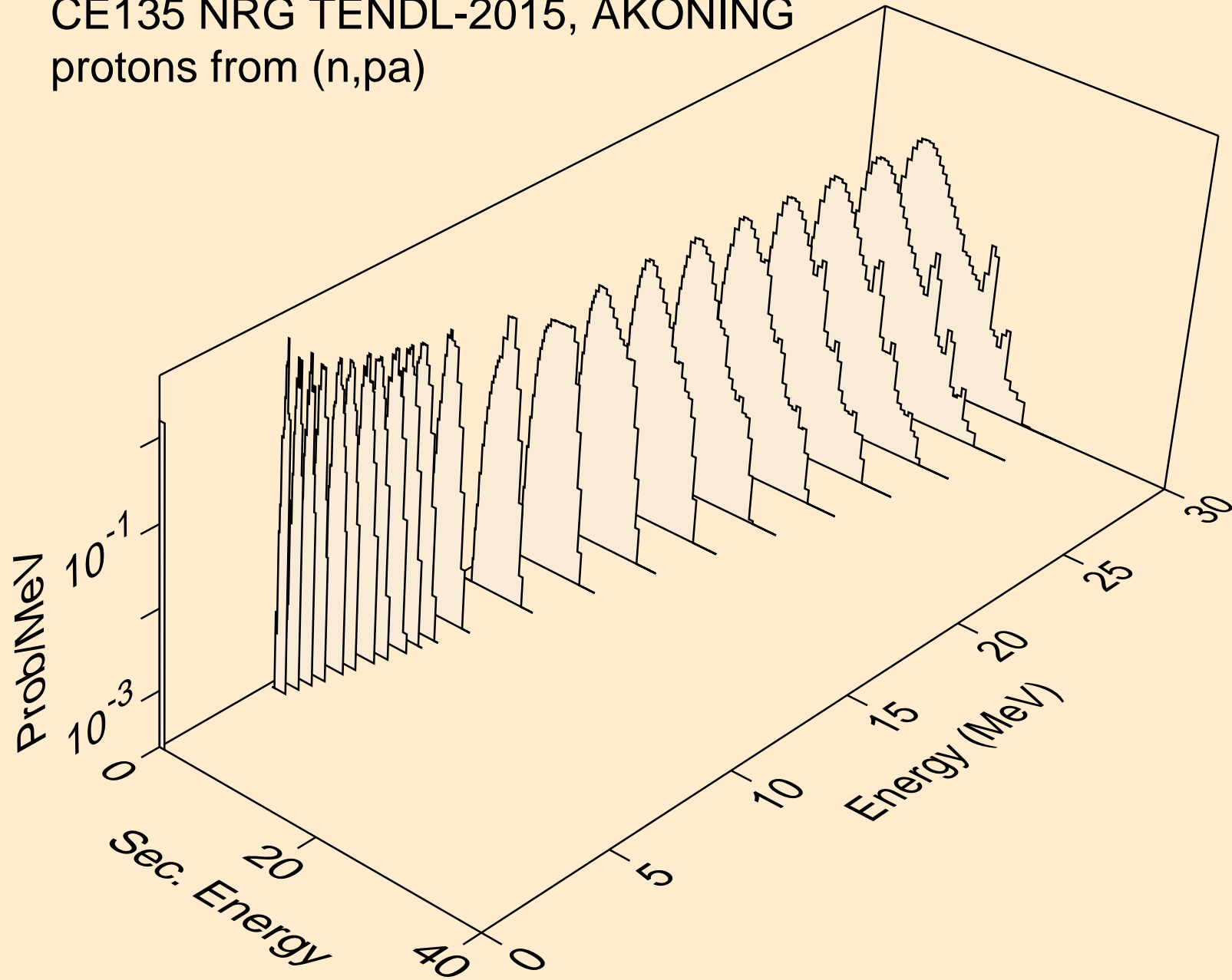




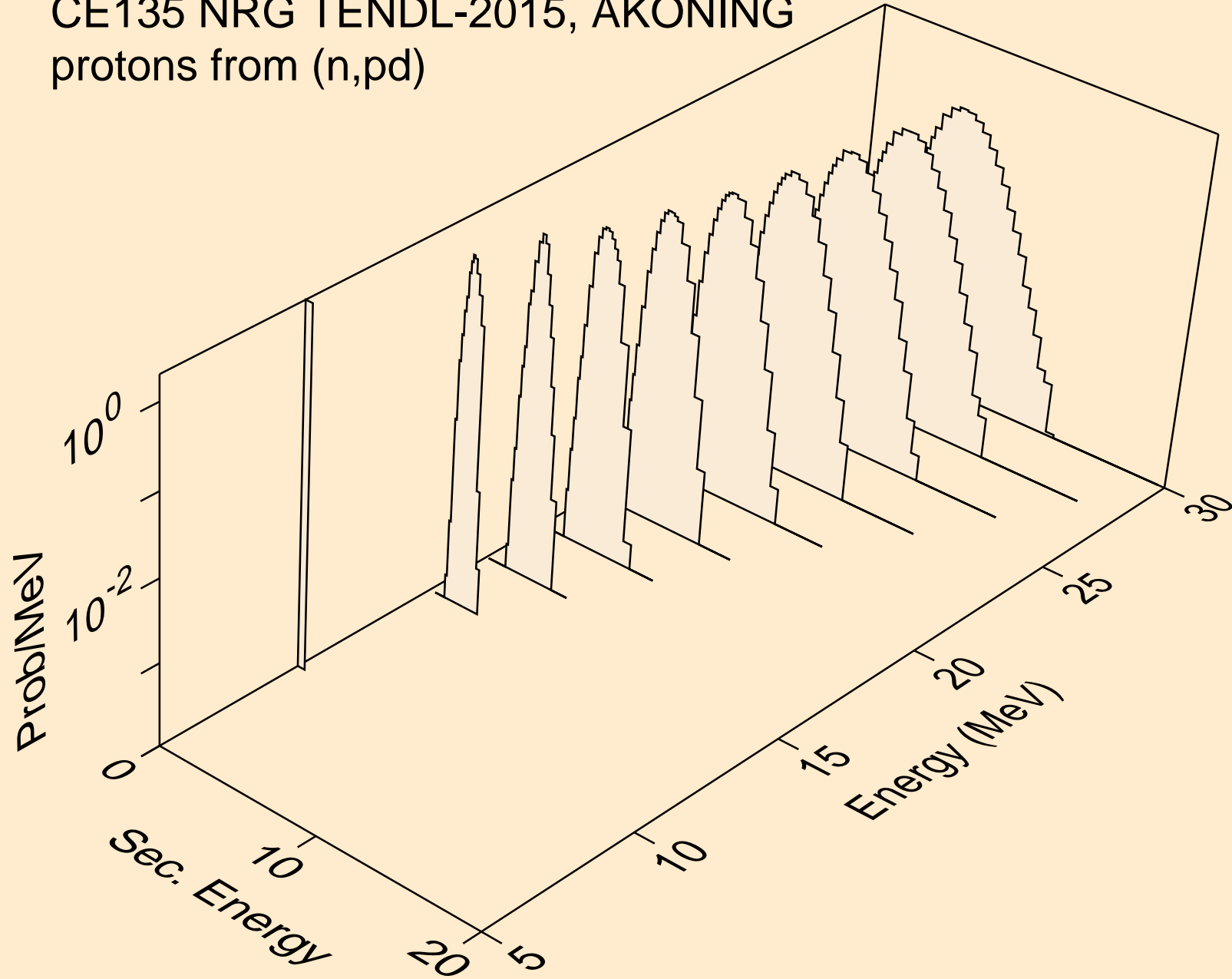
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protons from (n,2p)



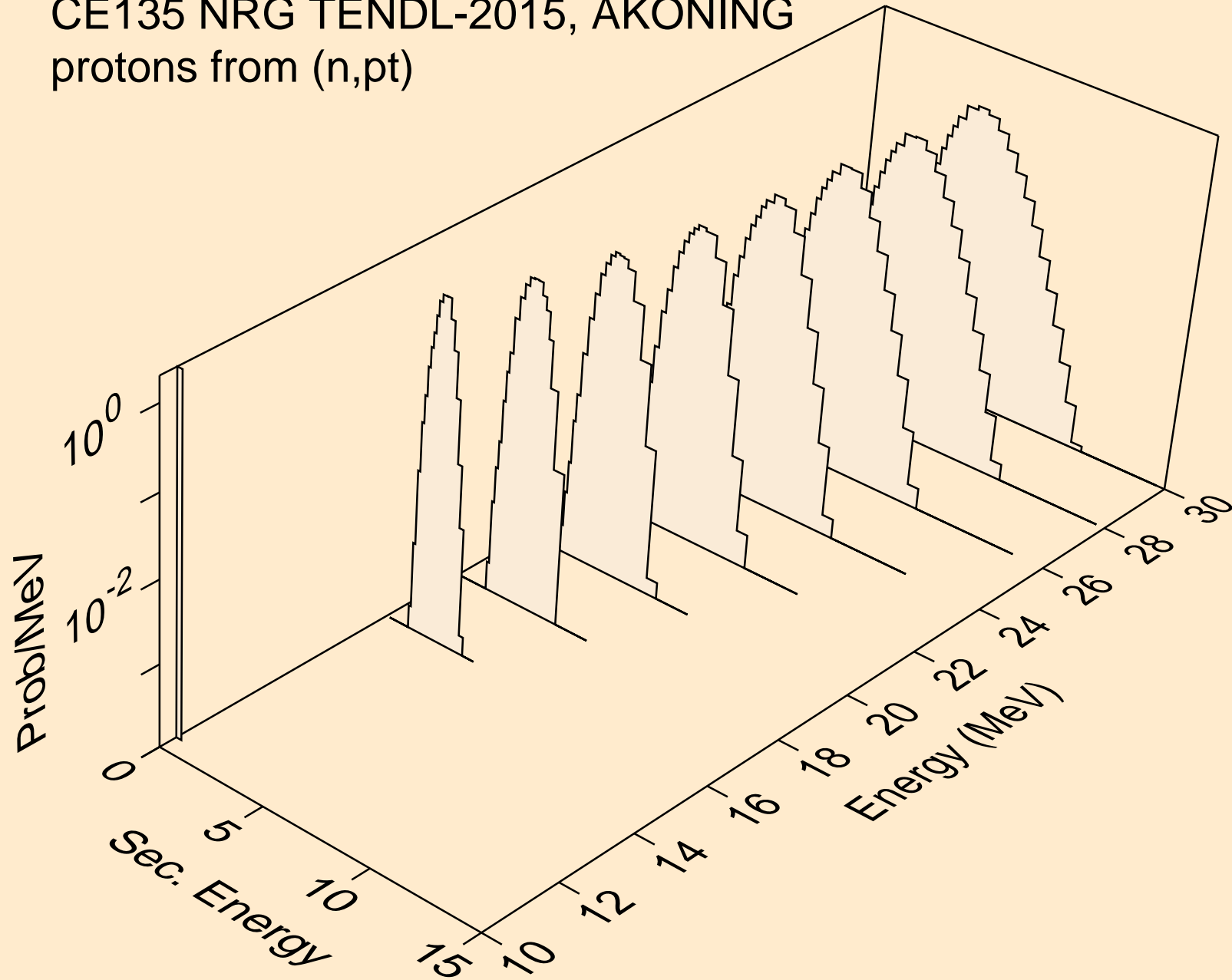
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protons from (n,pa)



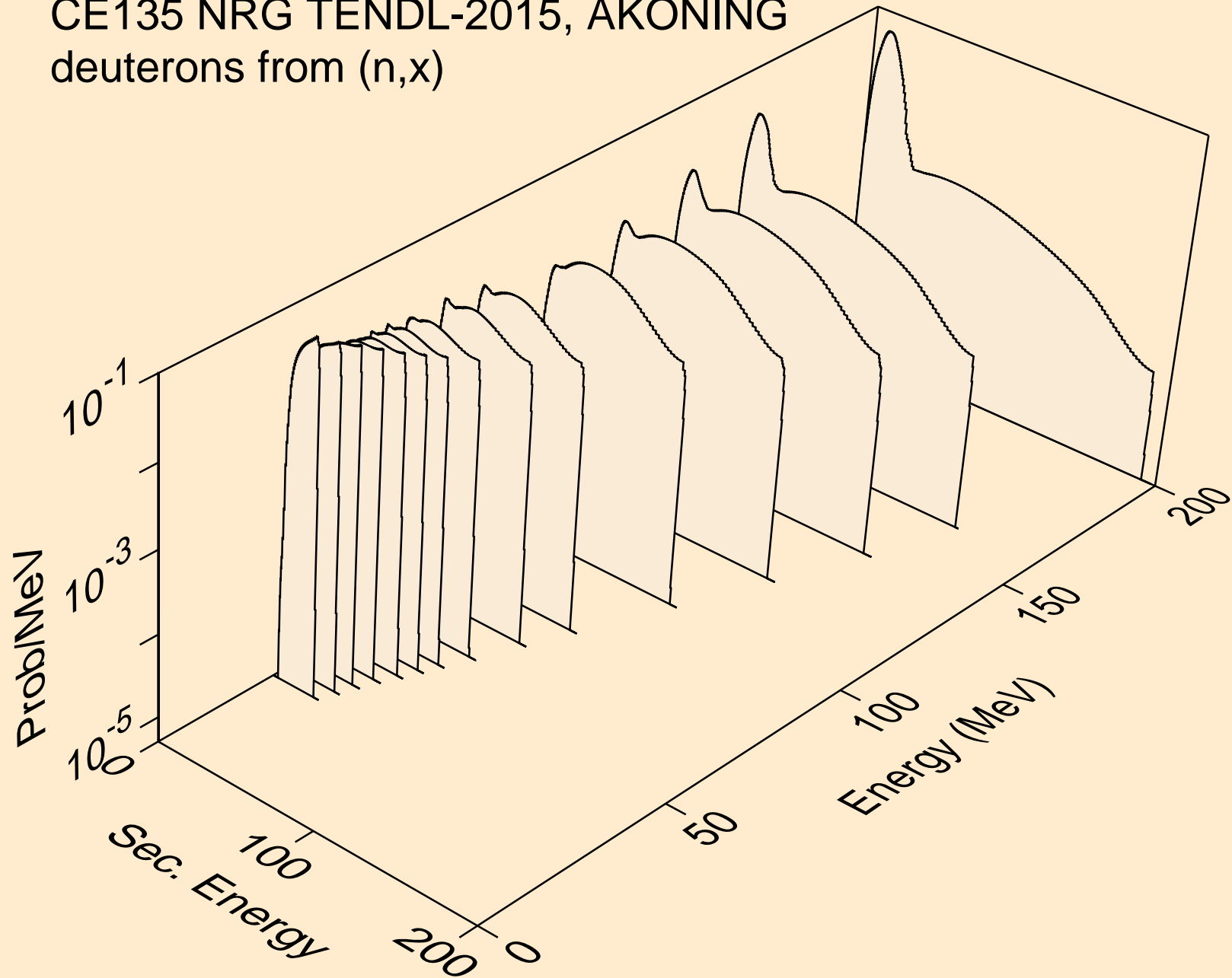
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protons from (n,pd)



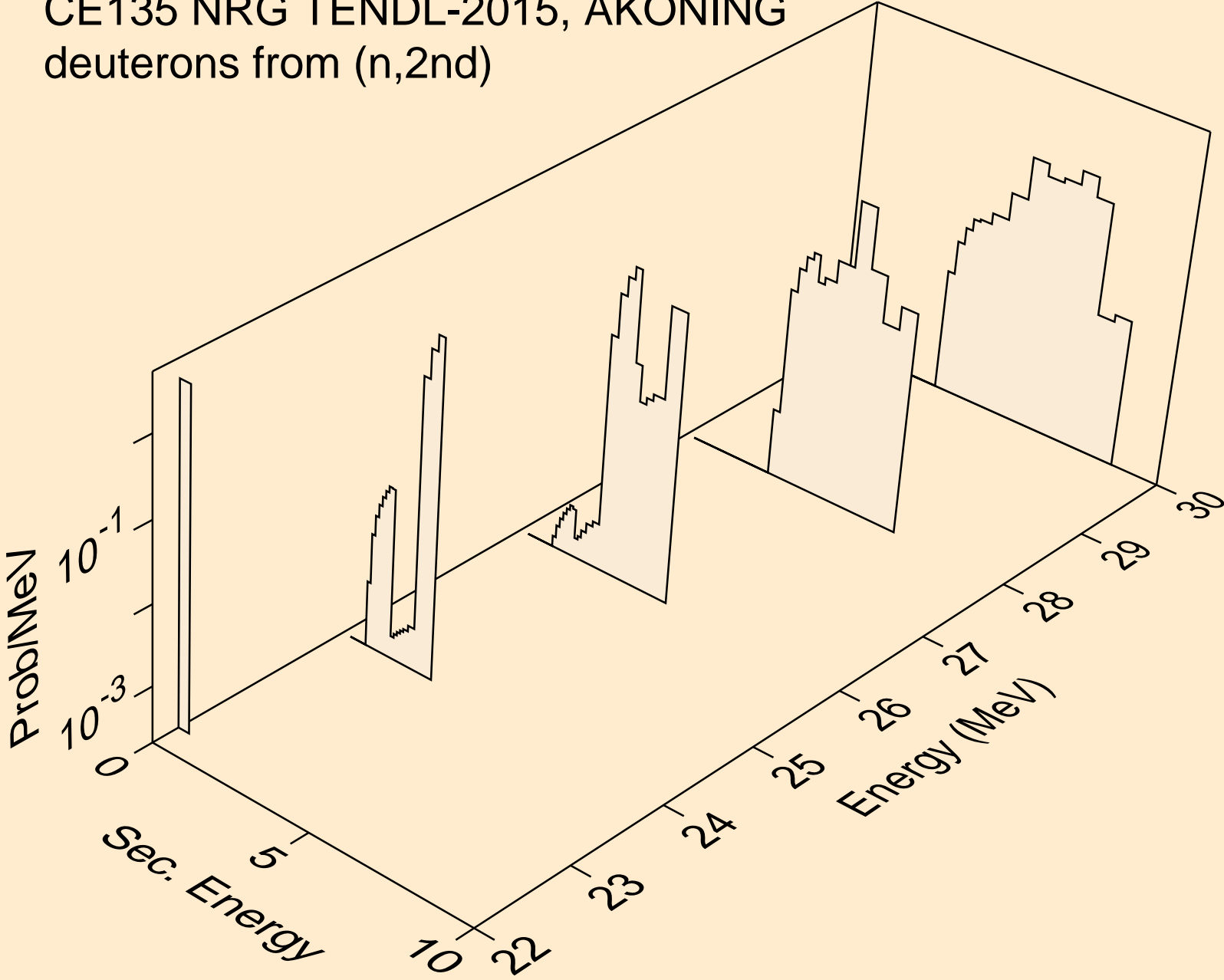
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protons from (n,pt)



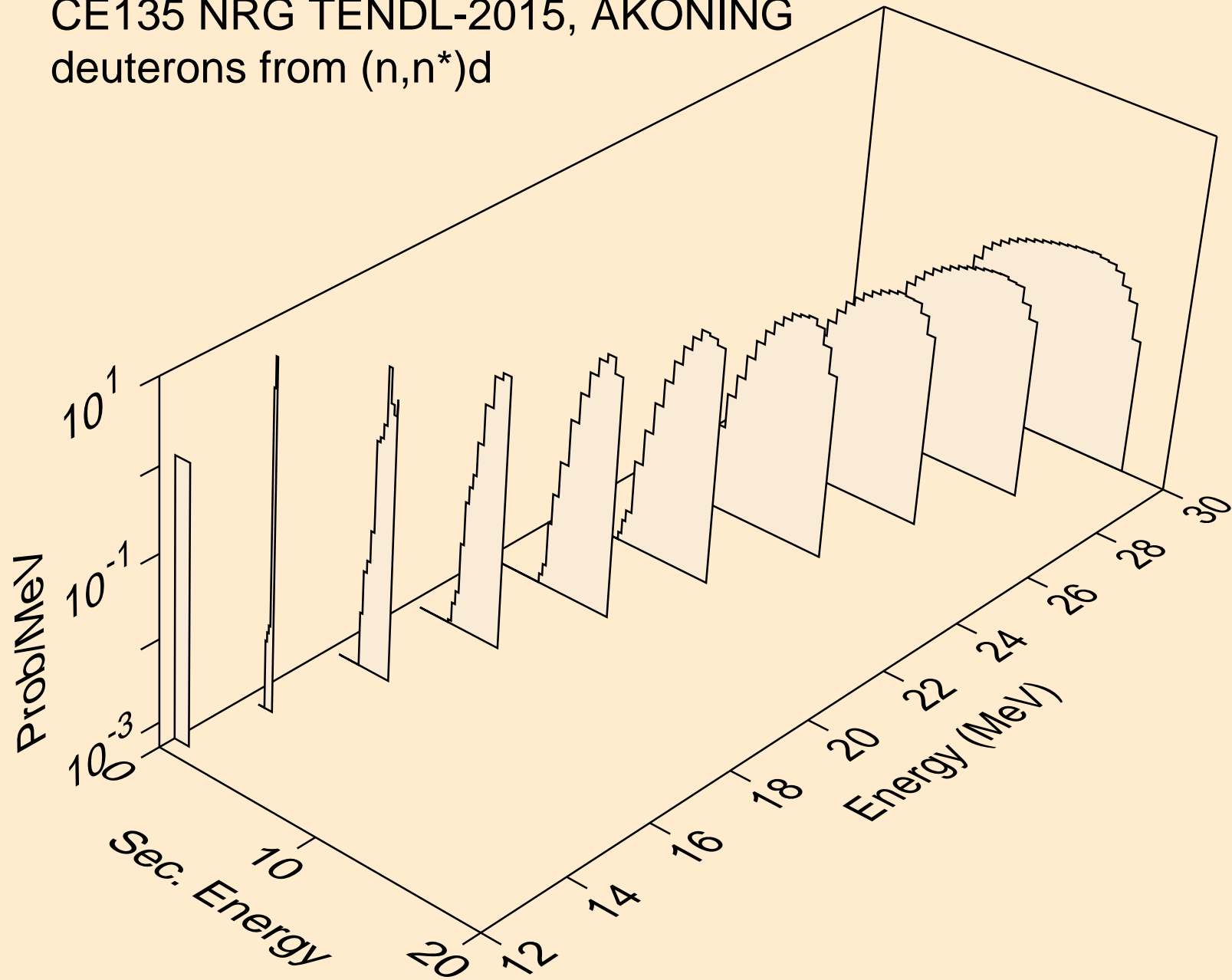
CE135 NRG TENDL-2015, AKONING  
deuterons from (n,x)



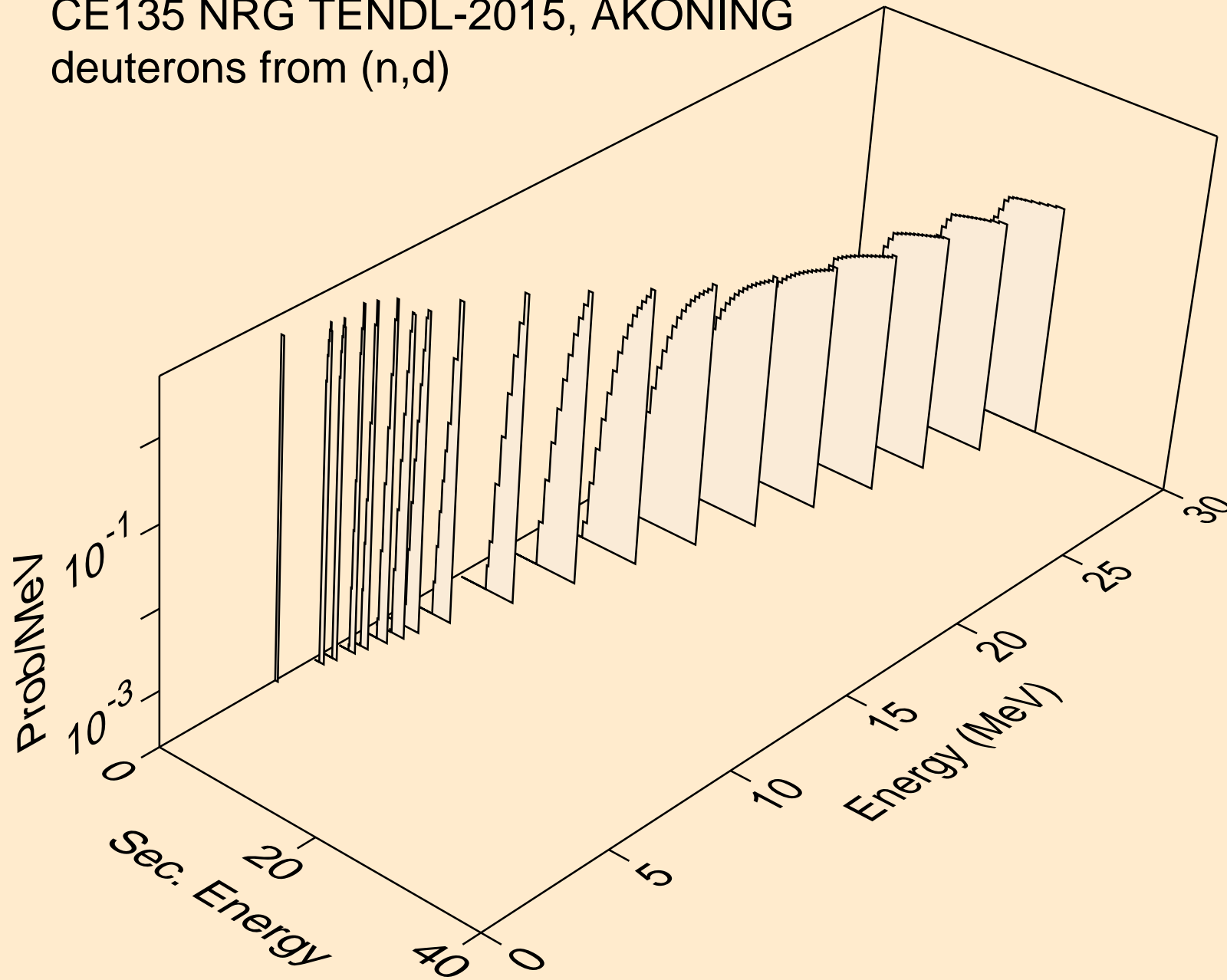
CE135 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



CE135 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

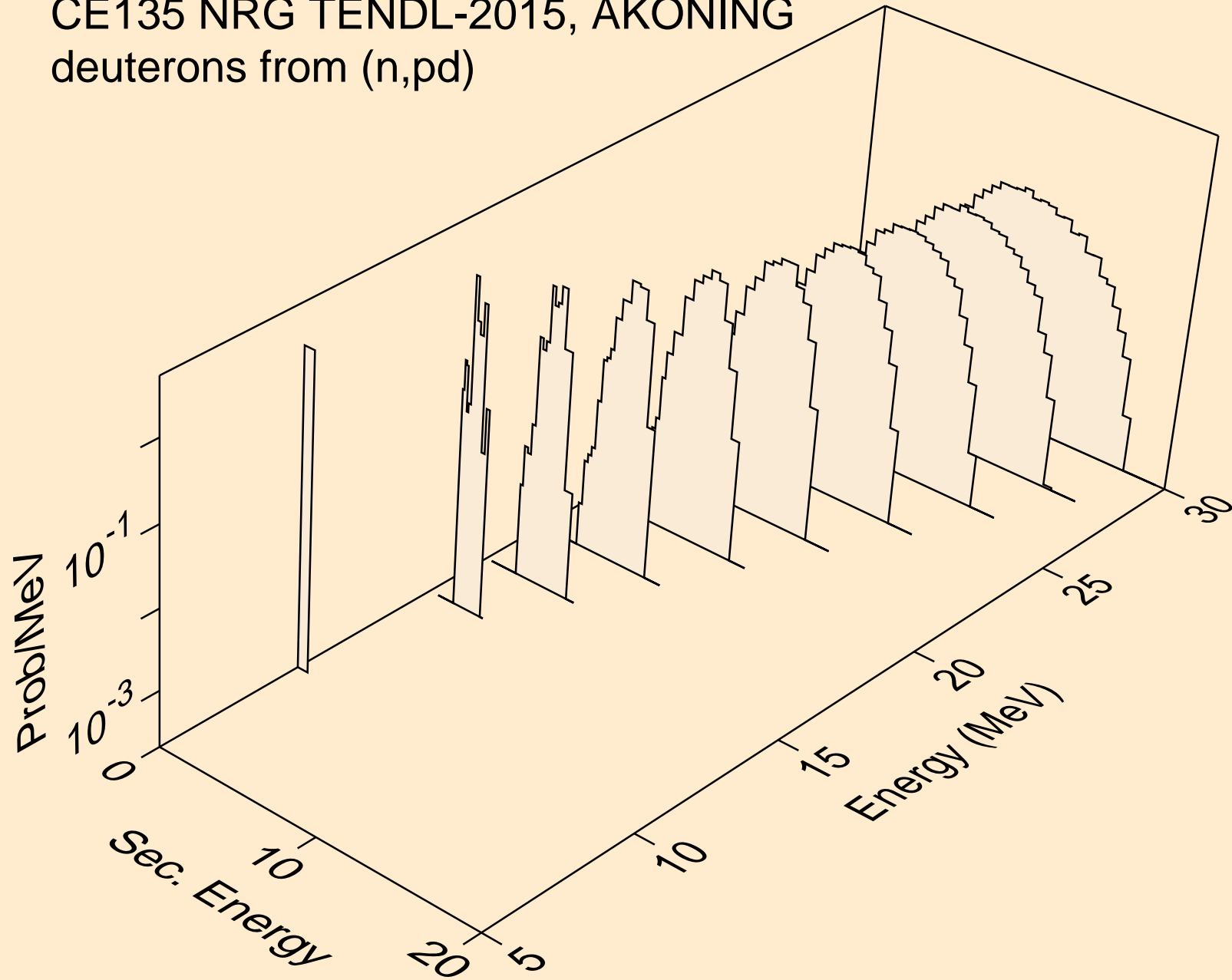


CE135 NRG TENDL-2015, AKONING  
deuterons from (n,d)

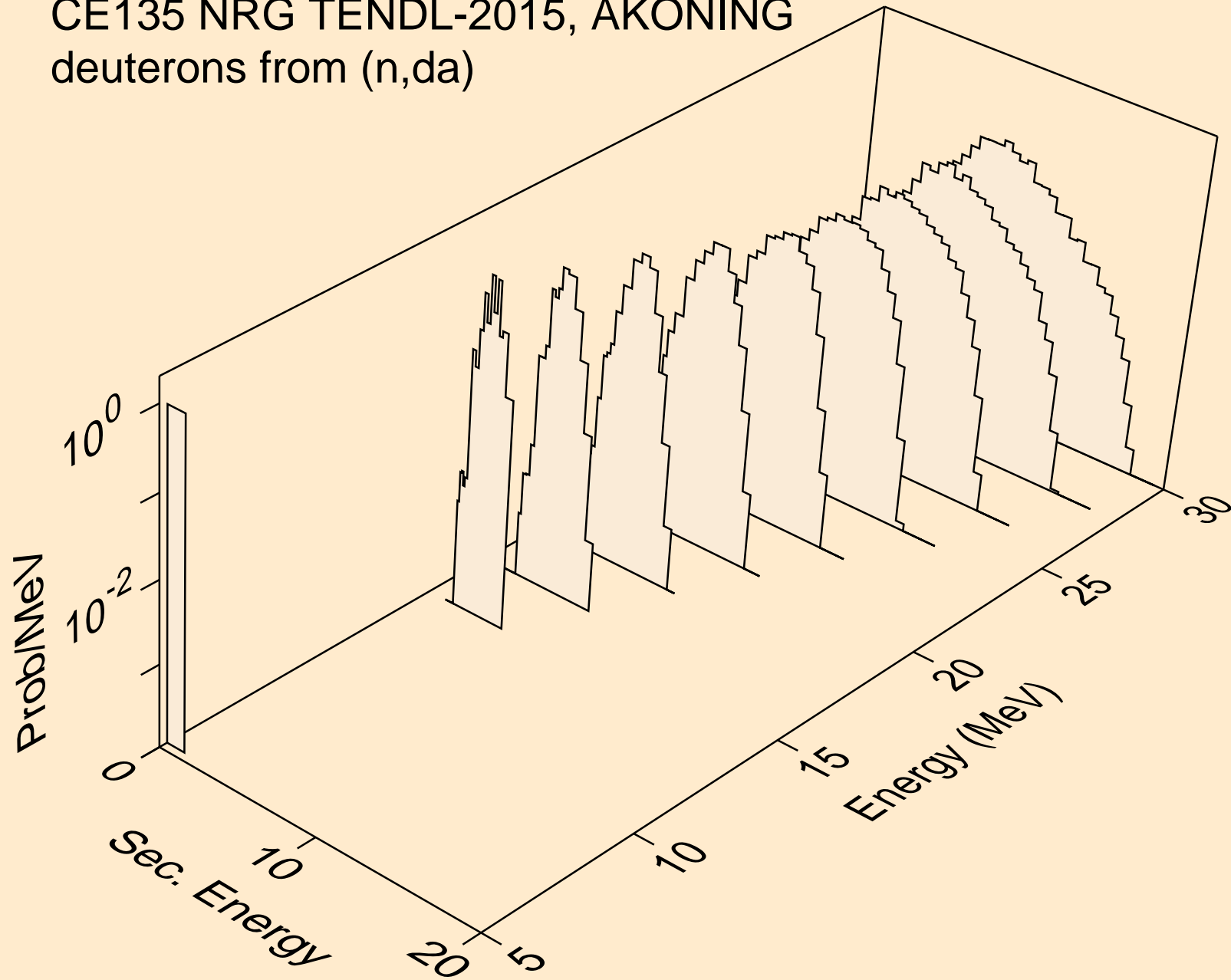




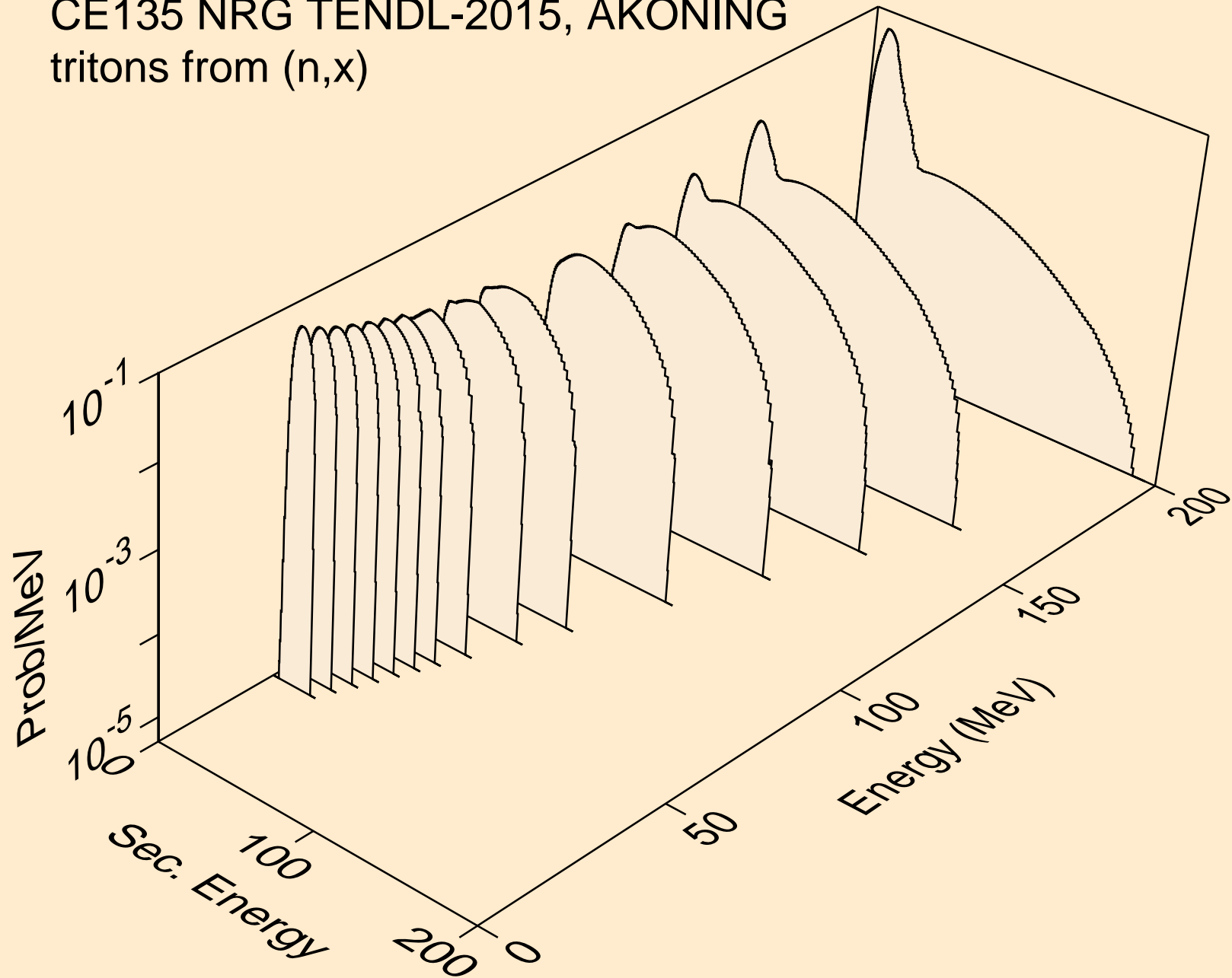
CE135 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



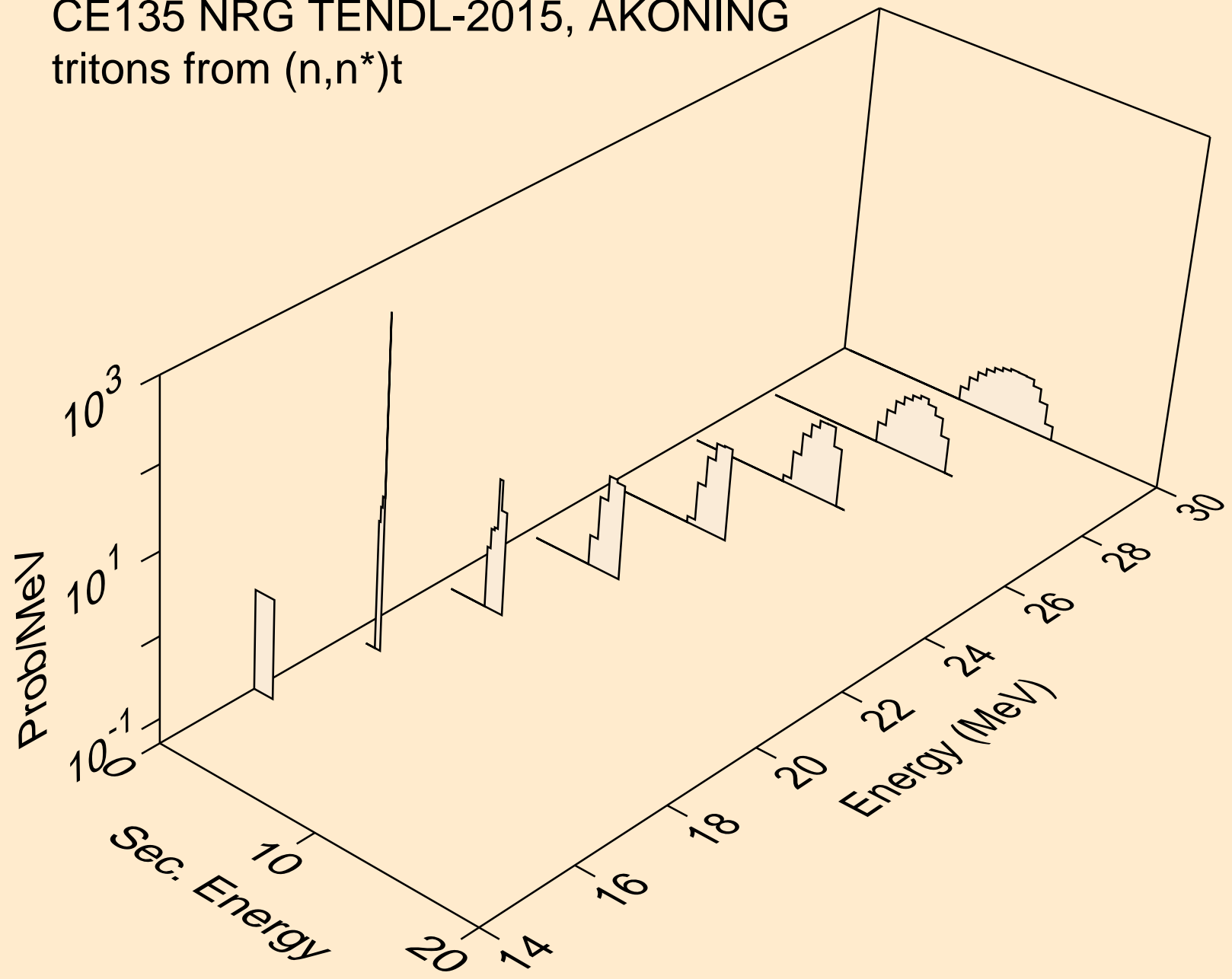
CE135 NRG TENDL-2015, AKONING  
deuterons from (n,da)



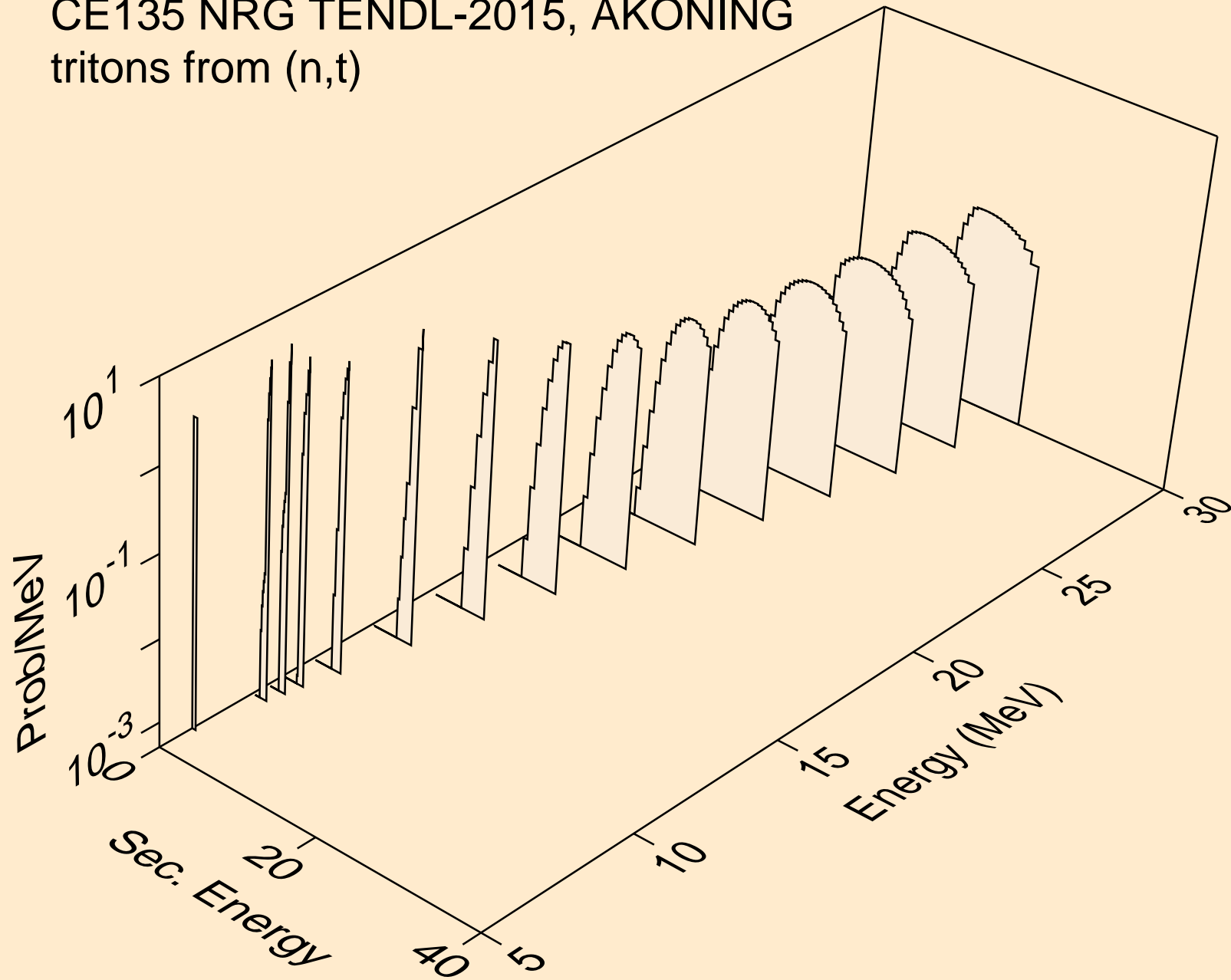
CE135 NRG TENDL-2015, AKONING  
tritons from (n,x)



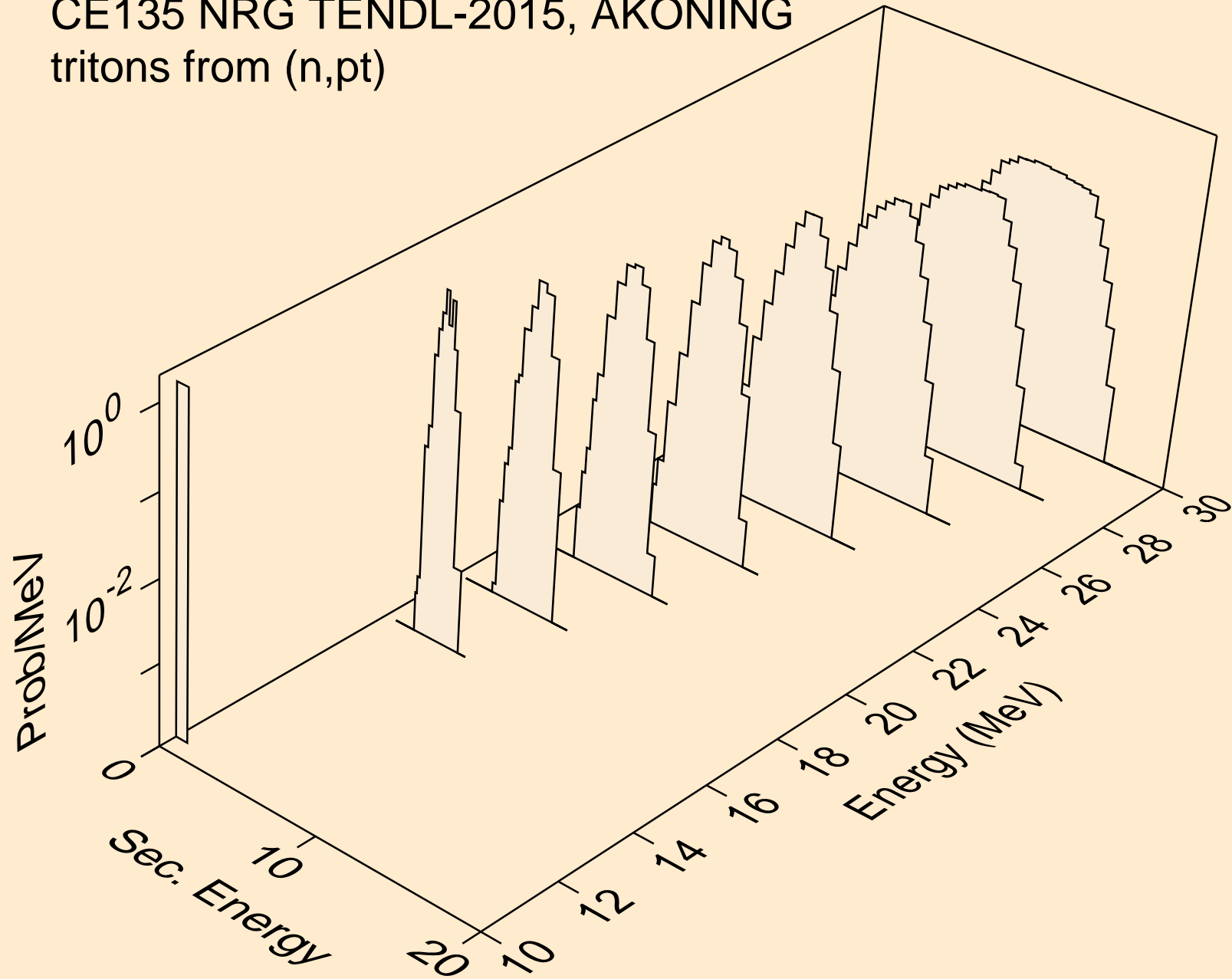
CE135 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



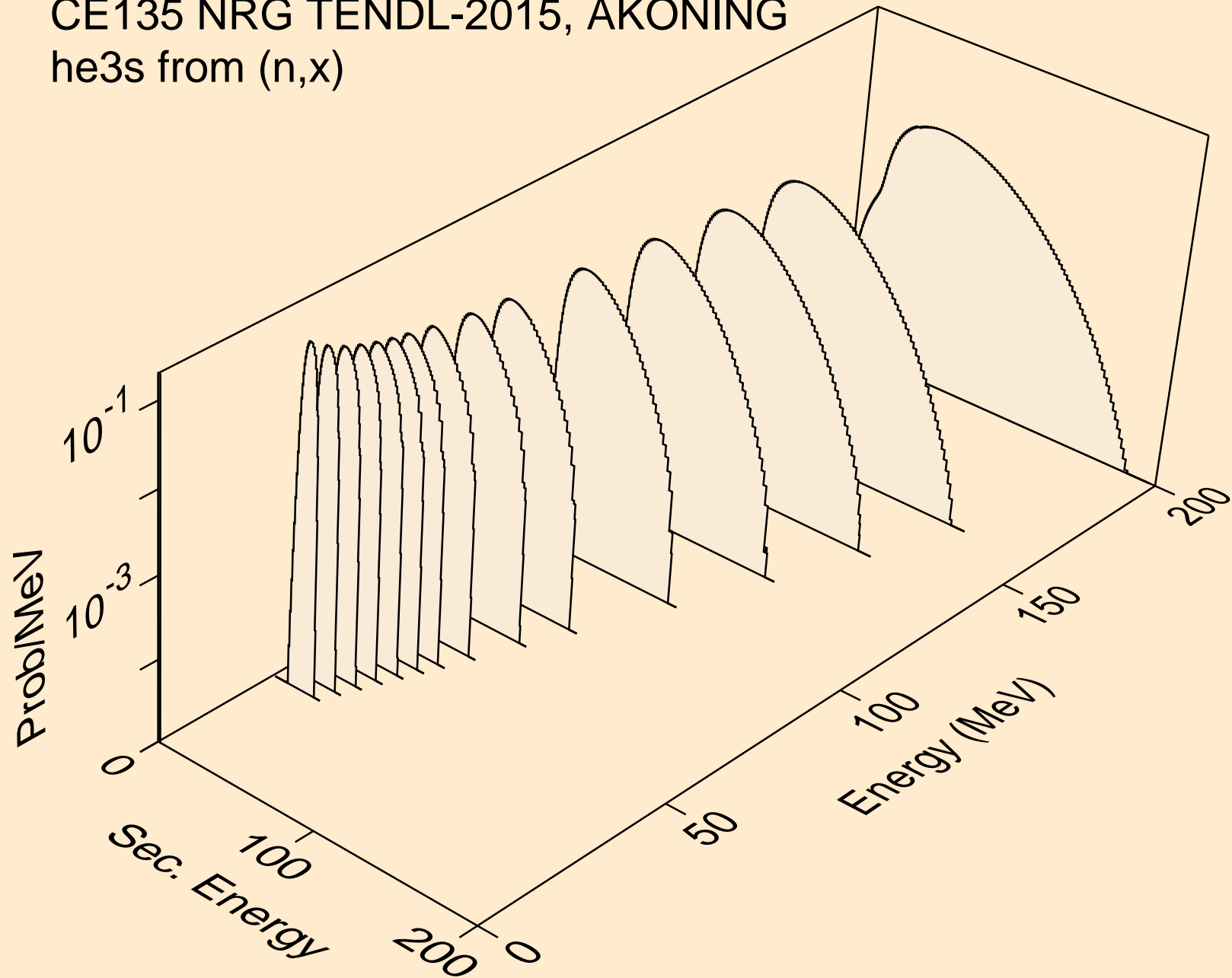
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tritons from (n,t)



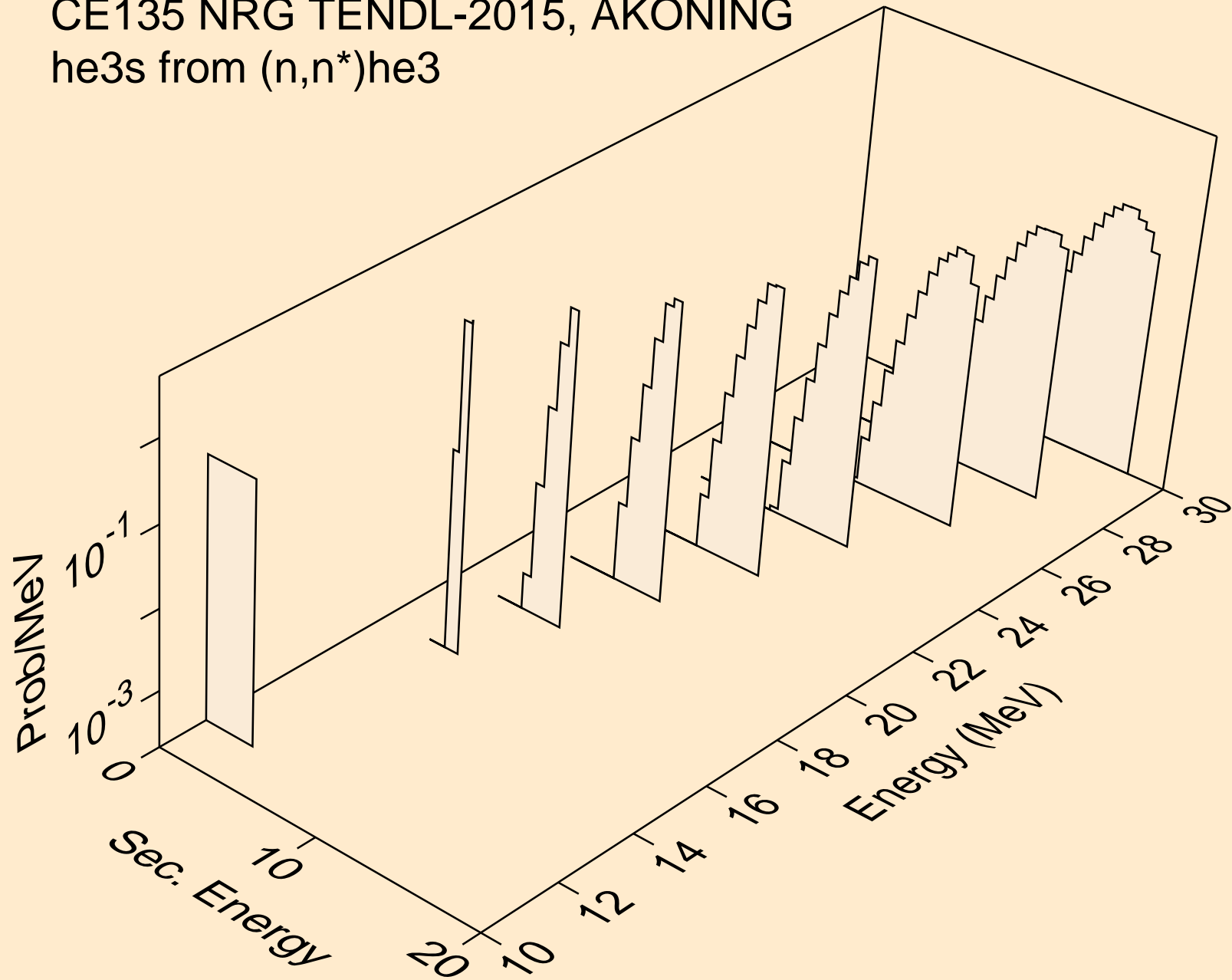
CE135 NRG TENDL-2015, AKONING  
tritons from (n,pt)



CE135 NRG TENDL-2015, AKONING  
he3s from (n,x)

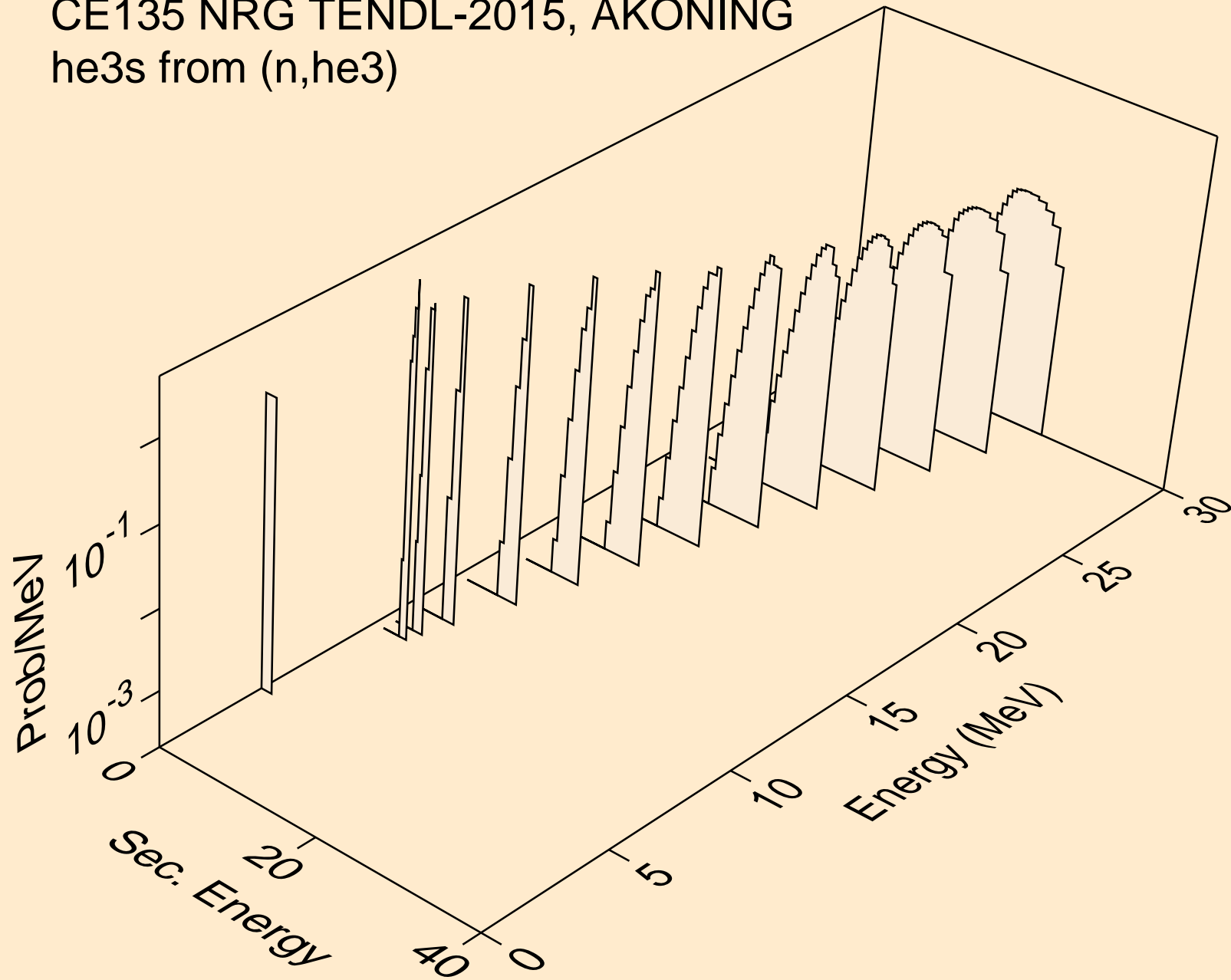


CE135 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

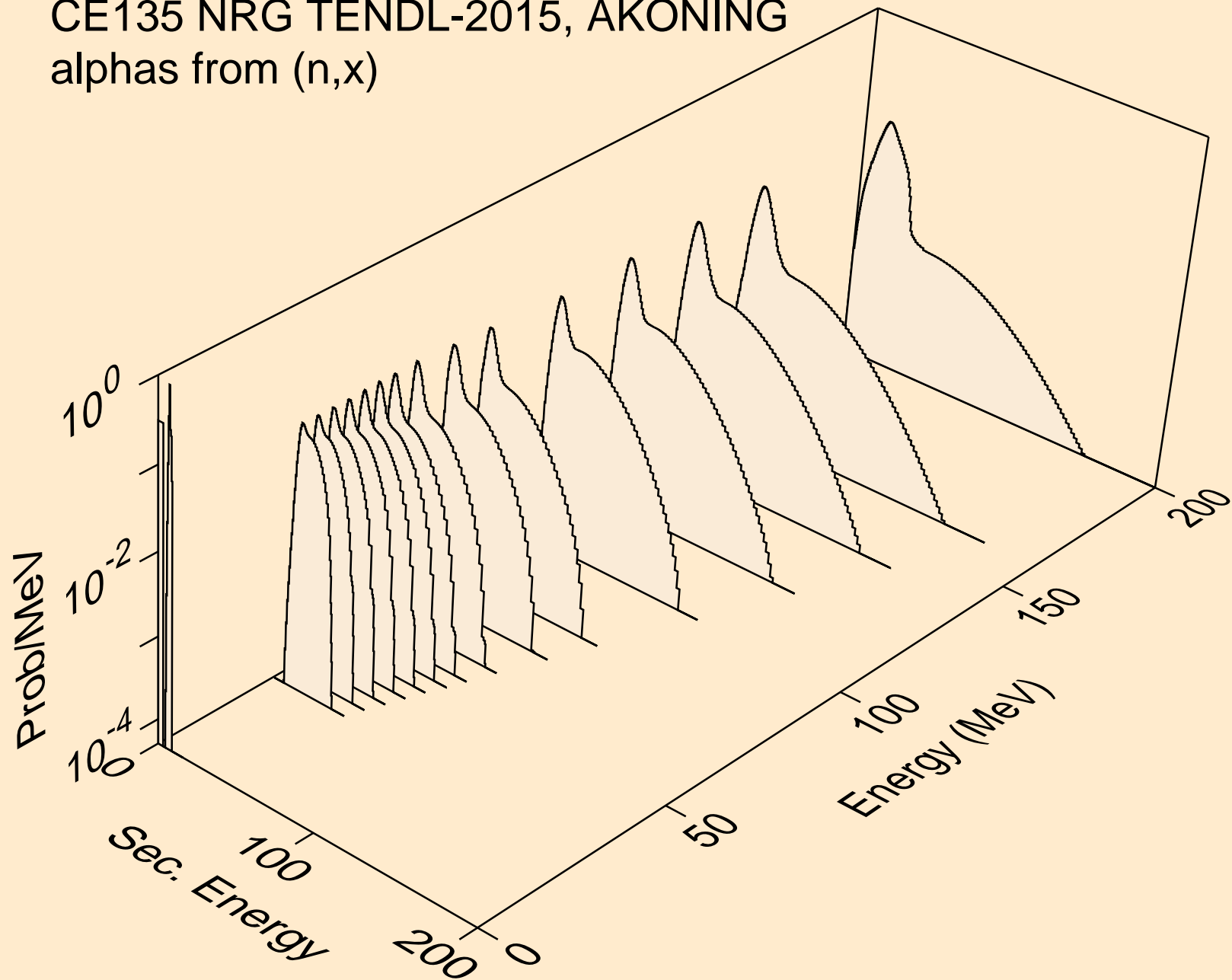




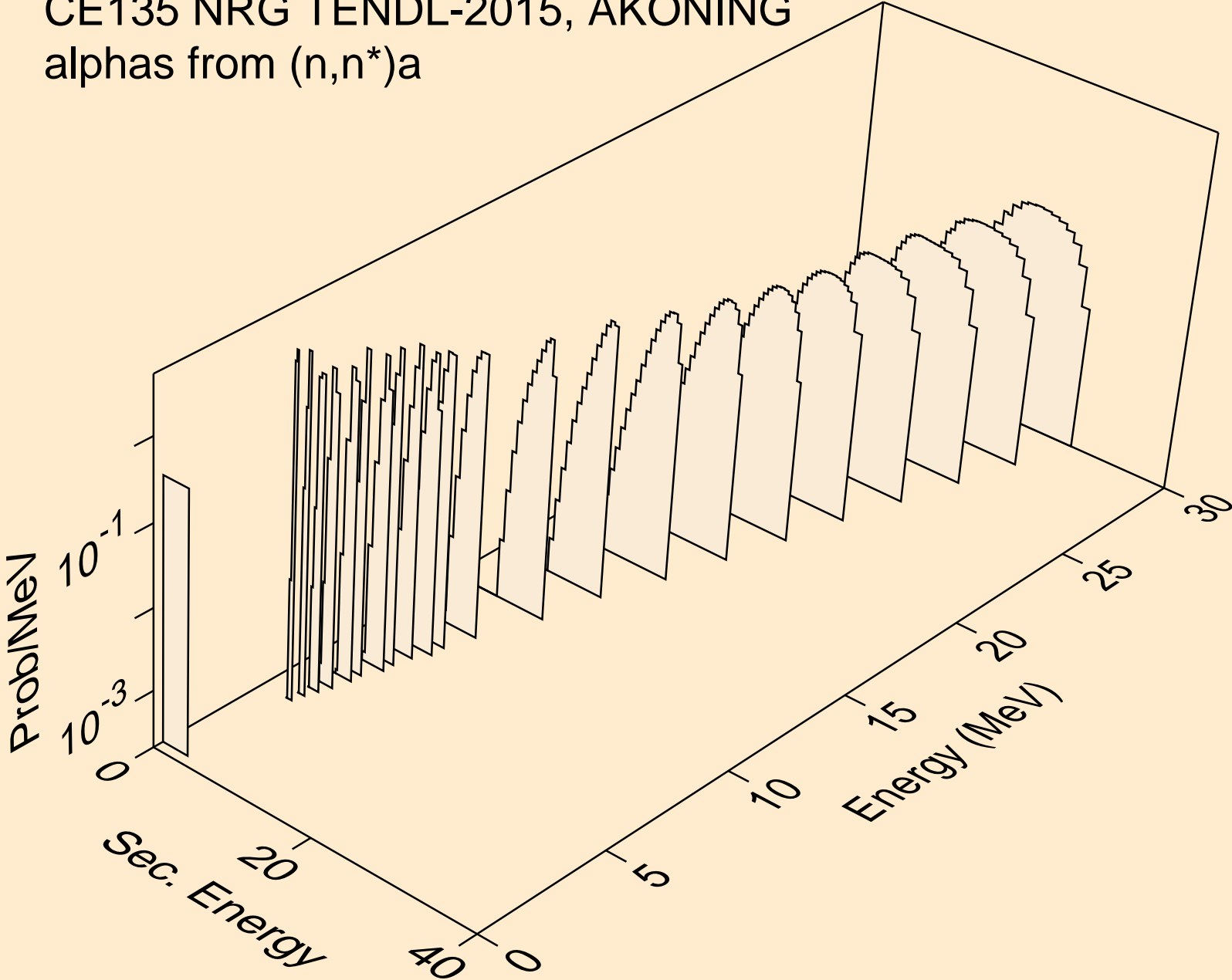
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he3s from (n,he3)



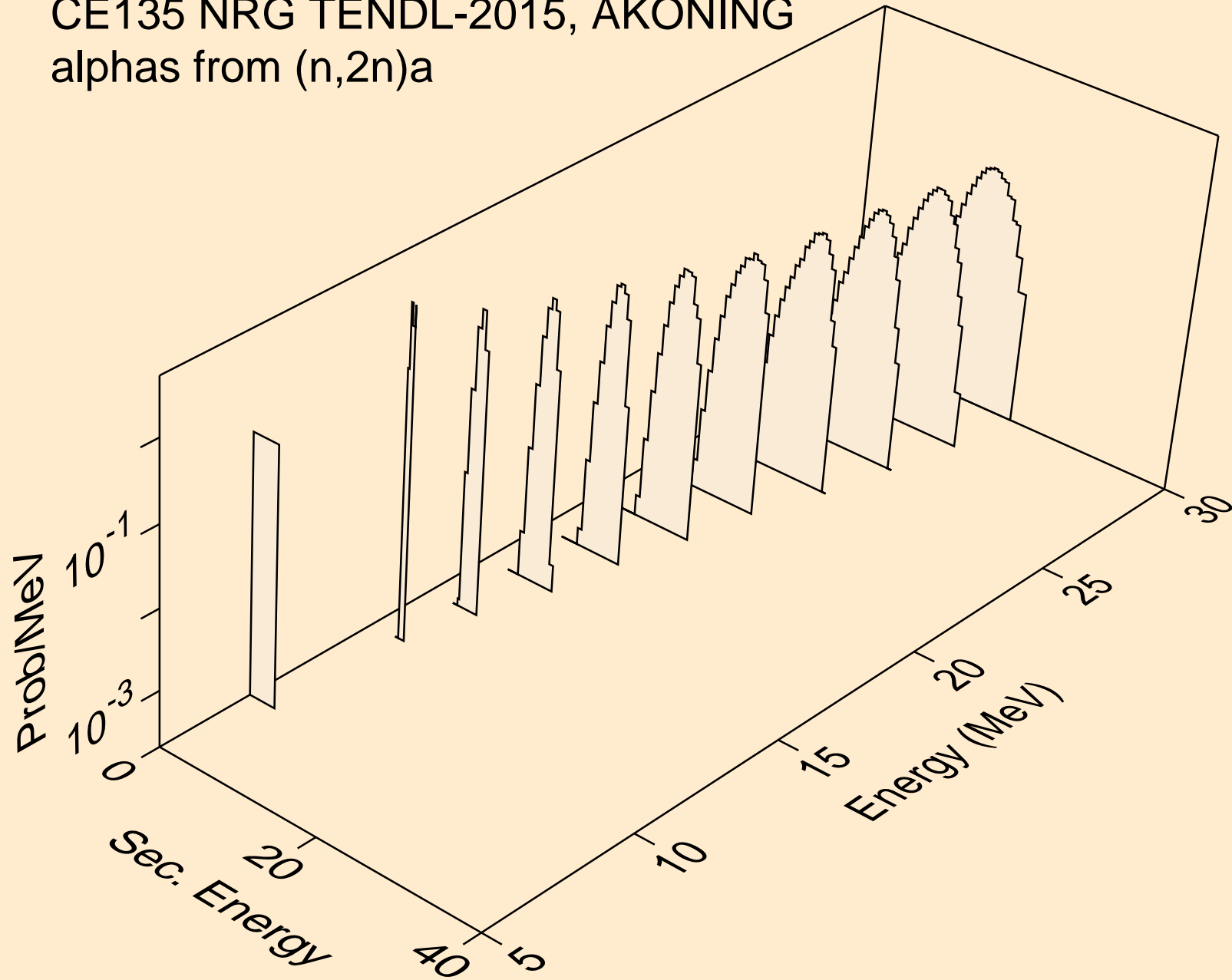
CE135 NRG TENDL-2015, AKONING  
alphas from (n,x)



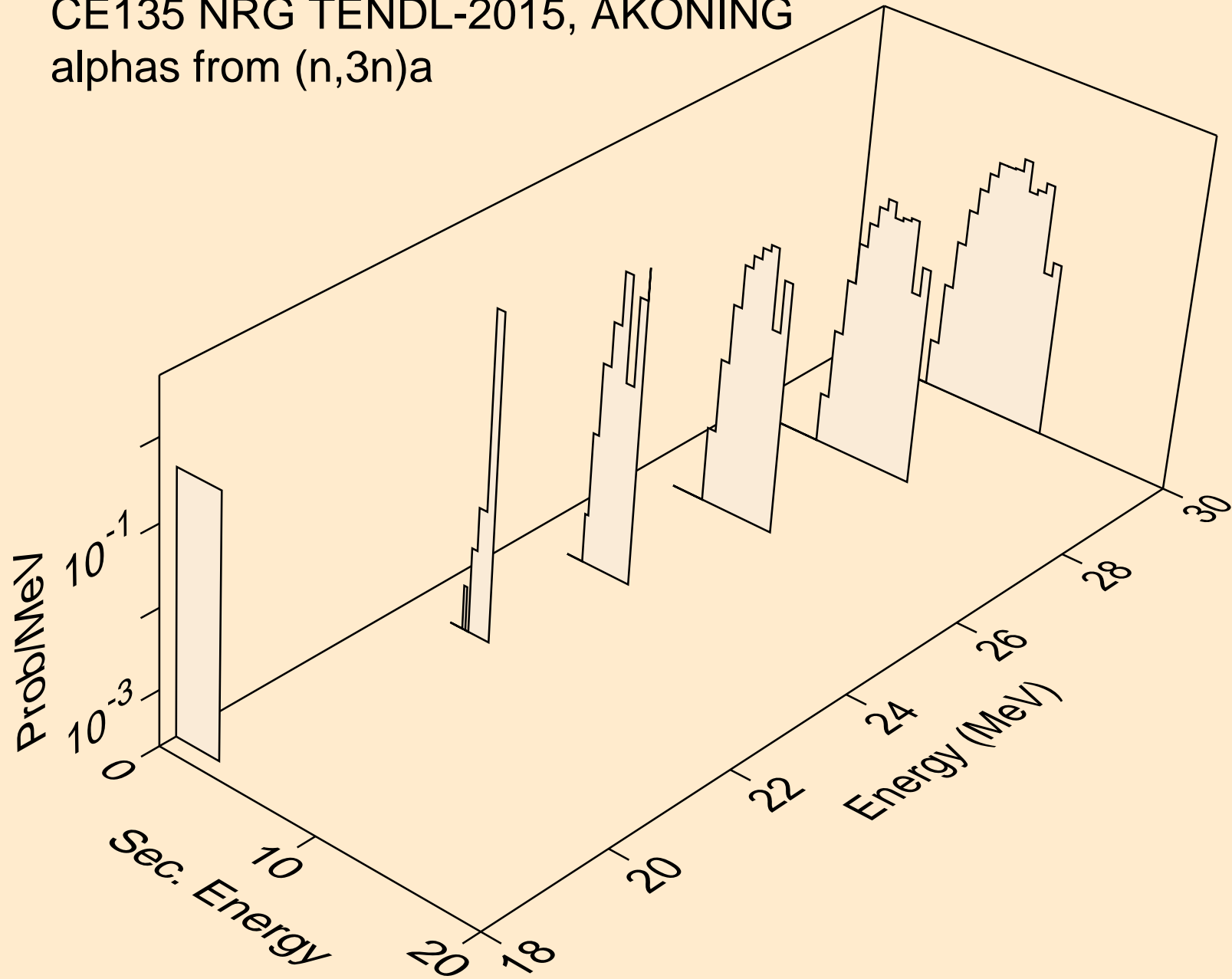
CE135 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



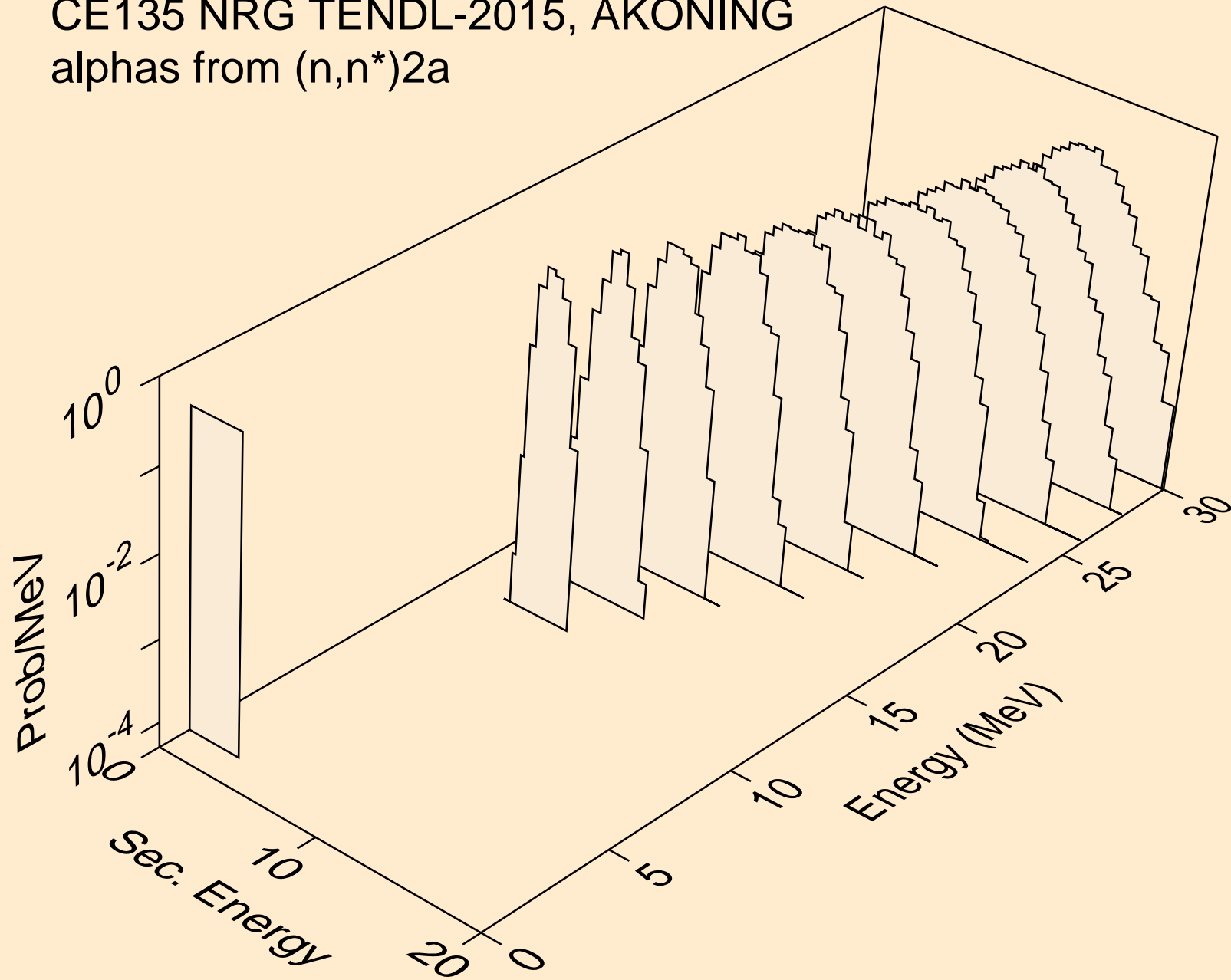
CE135 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



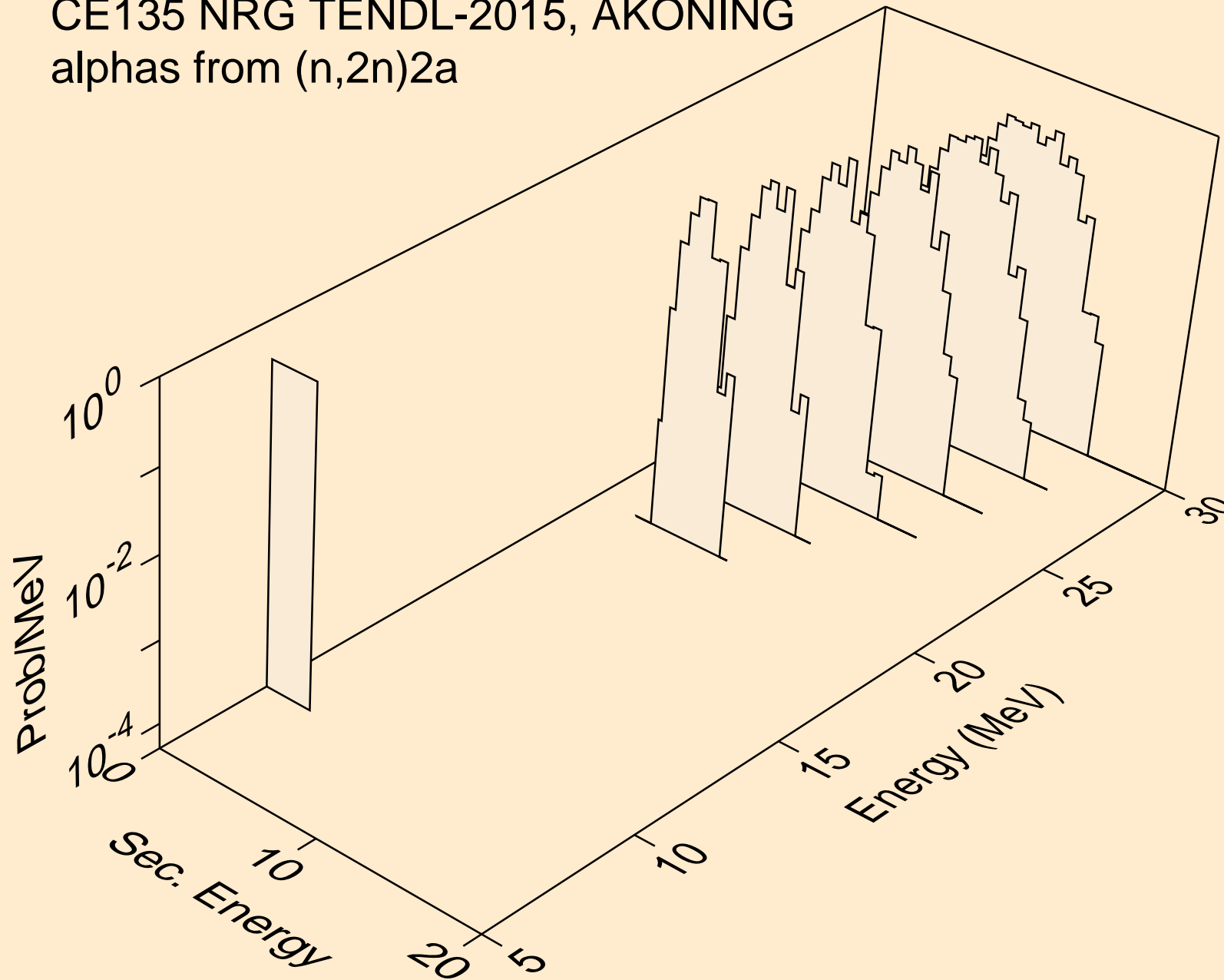
CE135 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



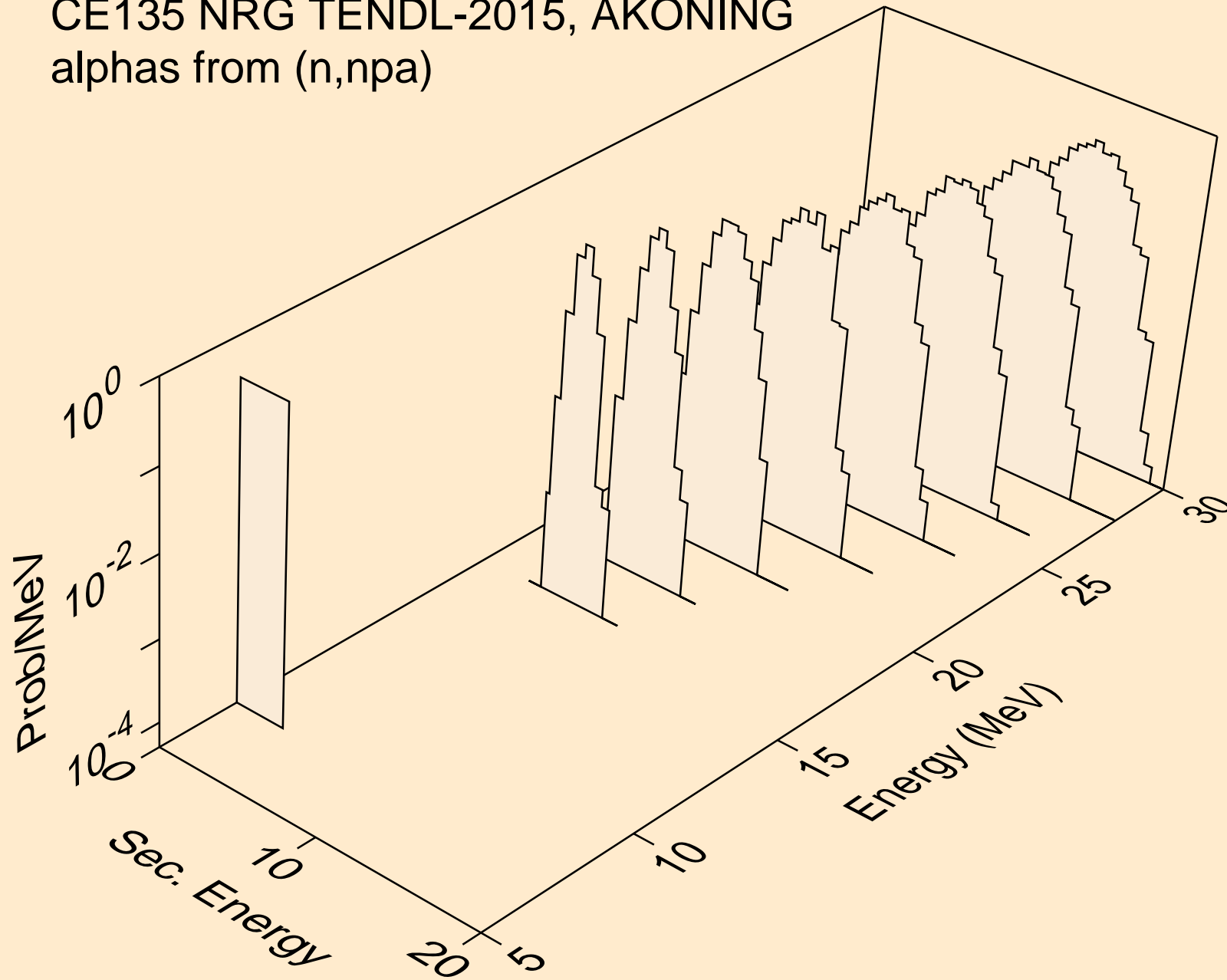
CE135 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



CE135 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

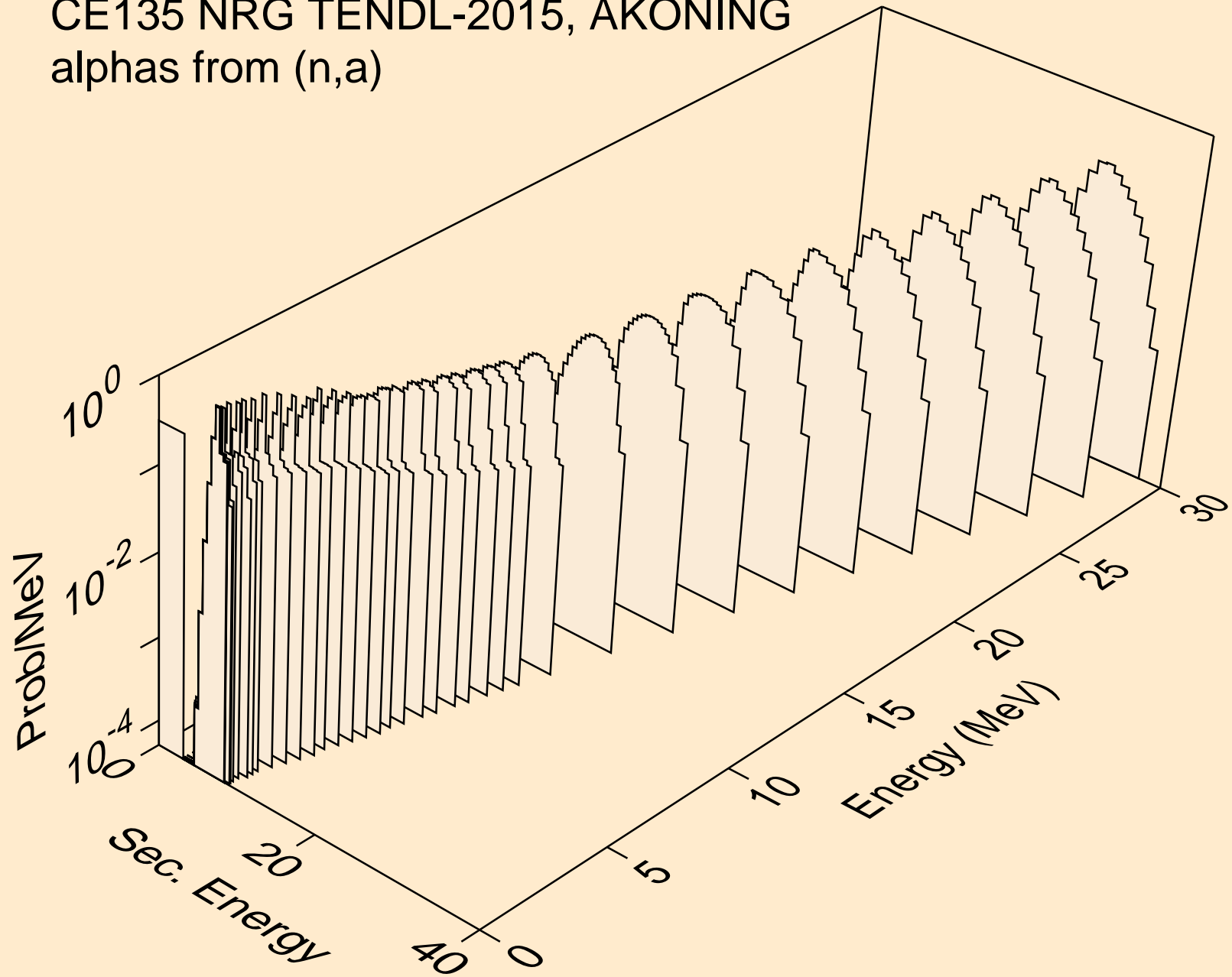


CE135 NRG TENDL-2015, AKONING  
alphas from (n,npa)

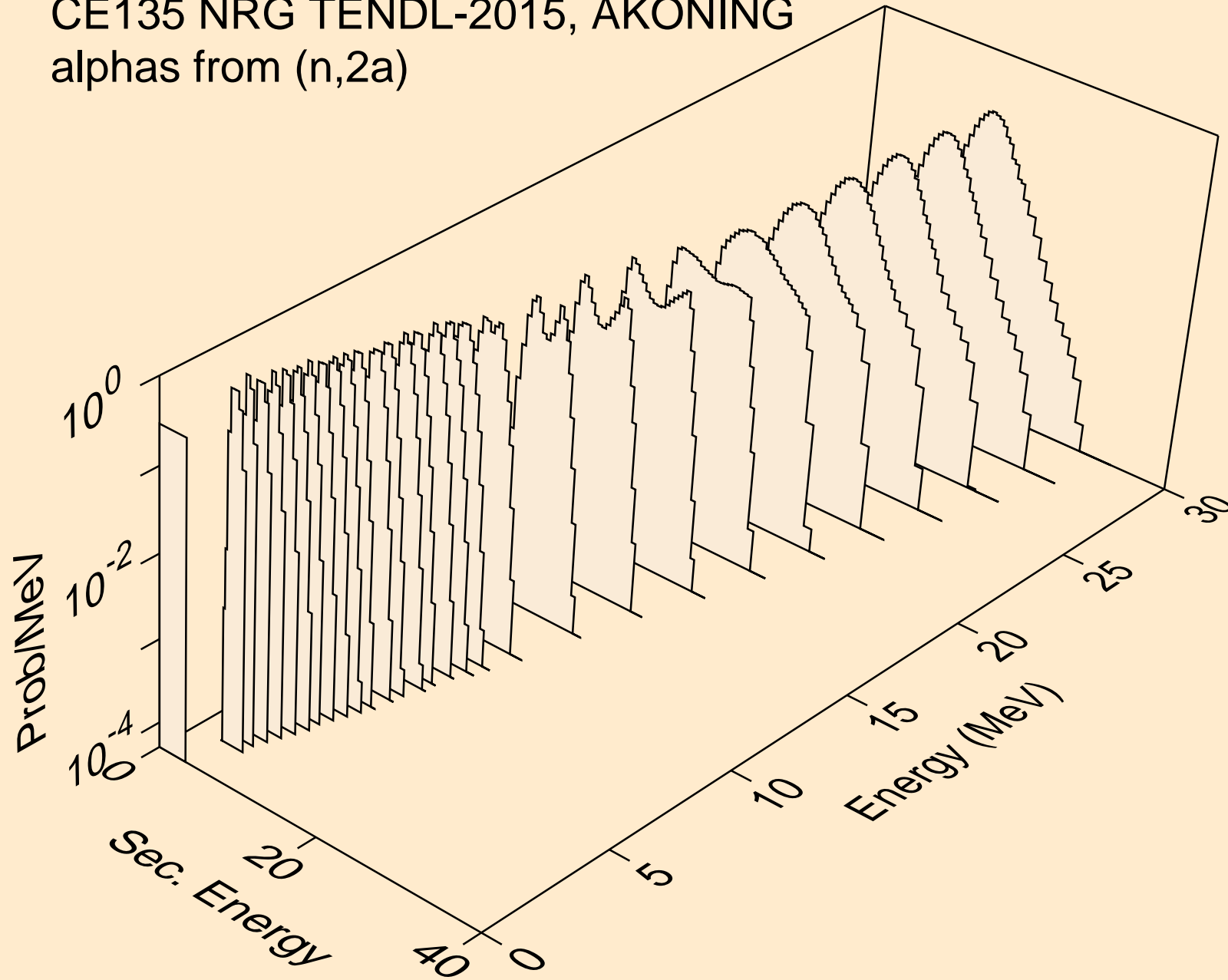




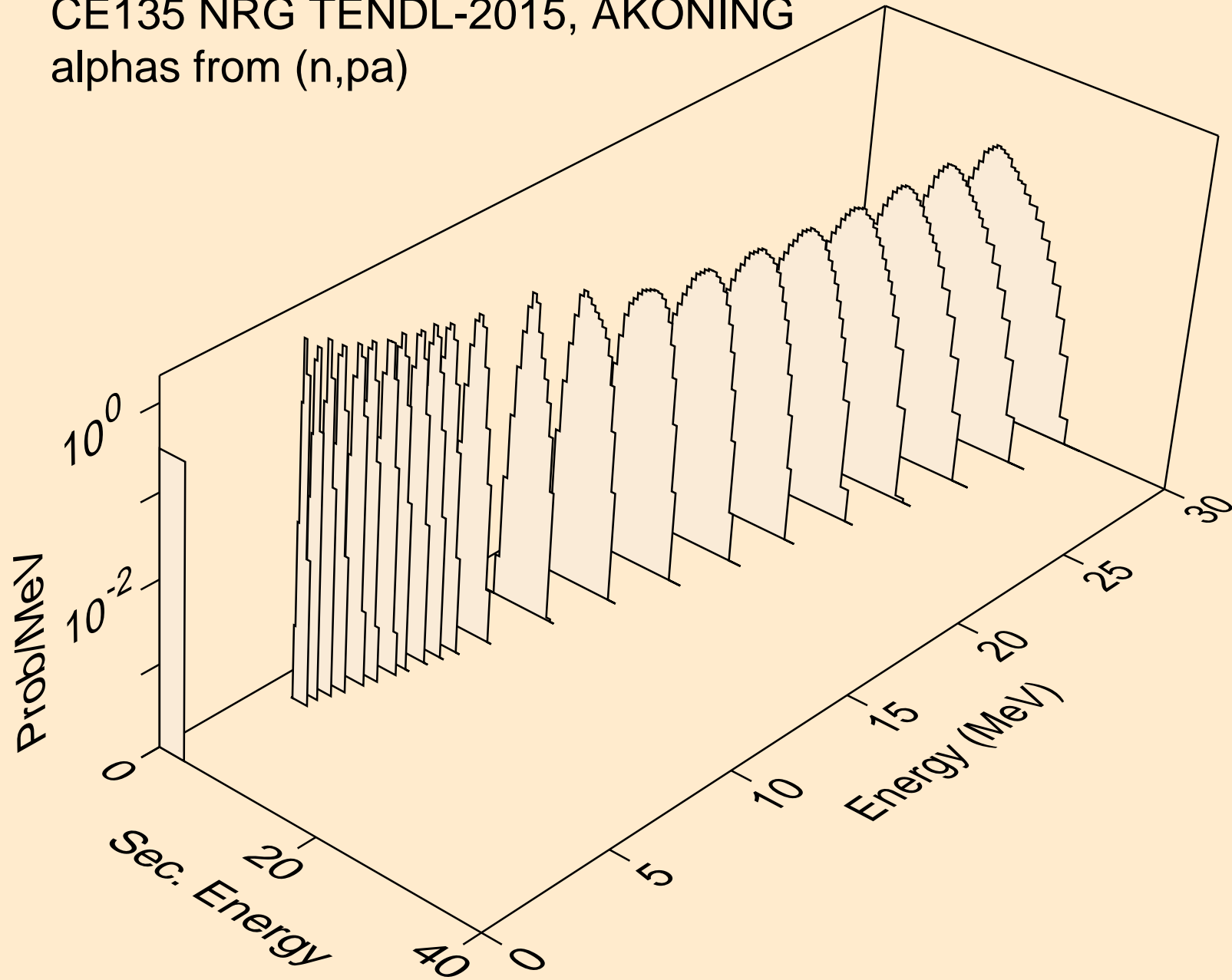
CE135 NRG TENDL-2015, AKONING  
alphas from (n,a)



CE135 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CE135 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CE135 NRG TENDL-2015, AKONING  
alphas from (n,da)

