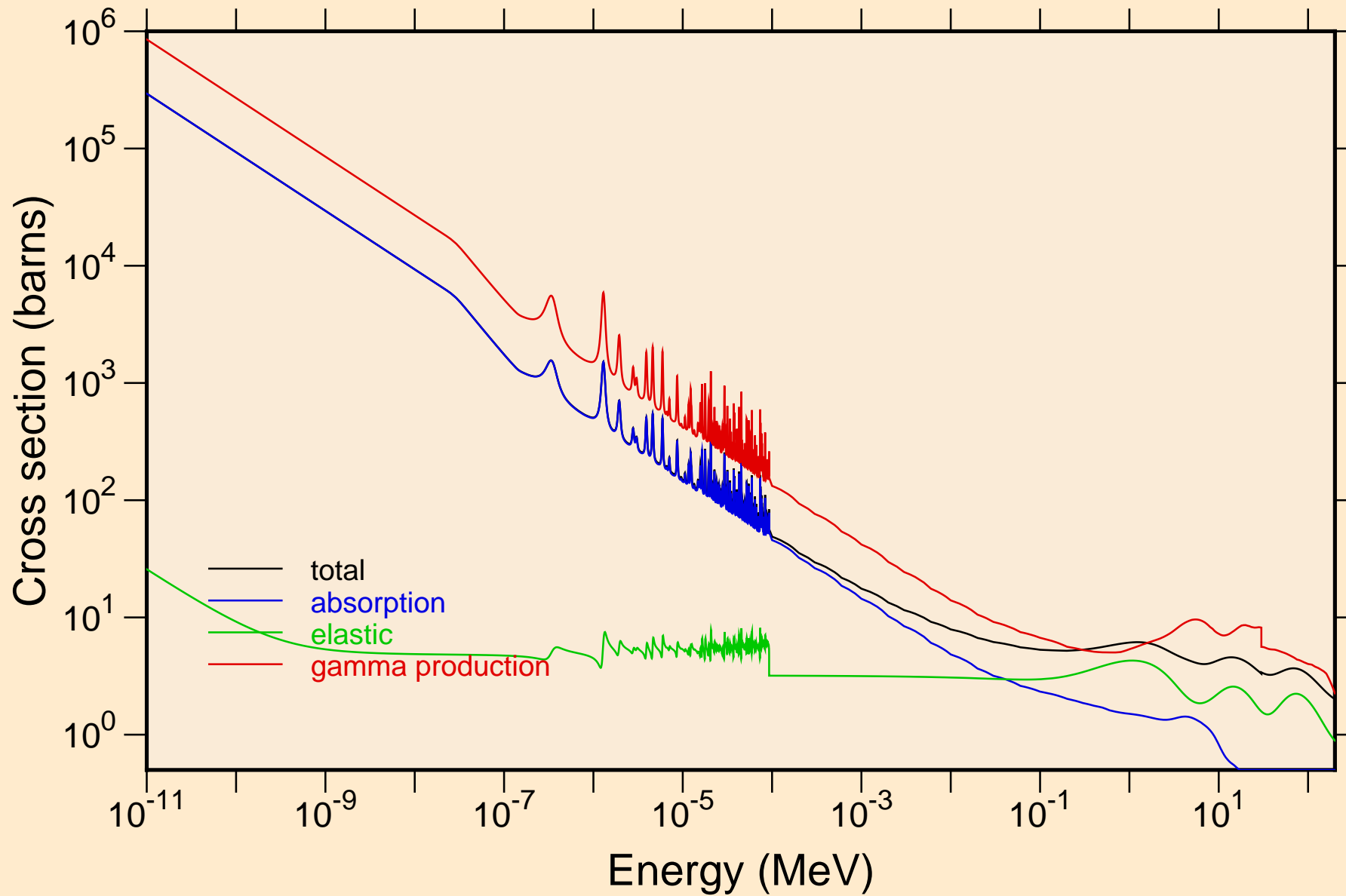
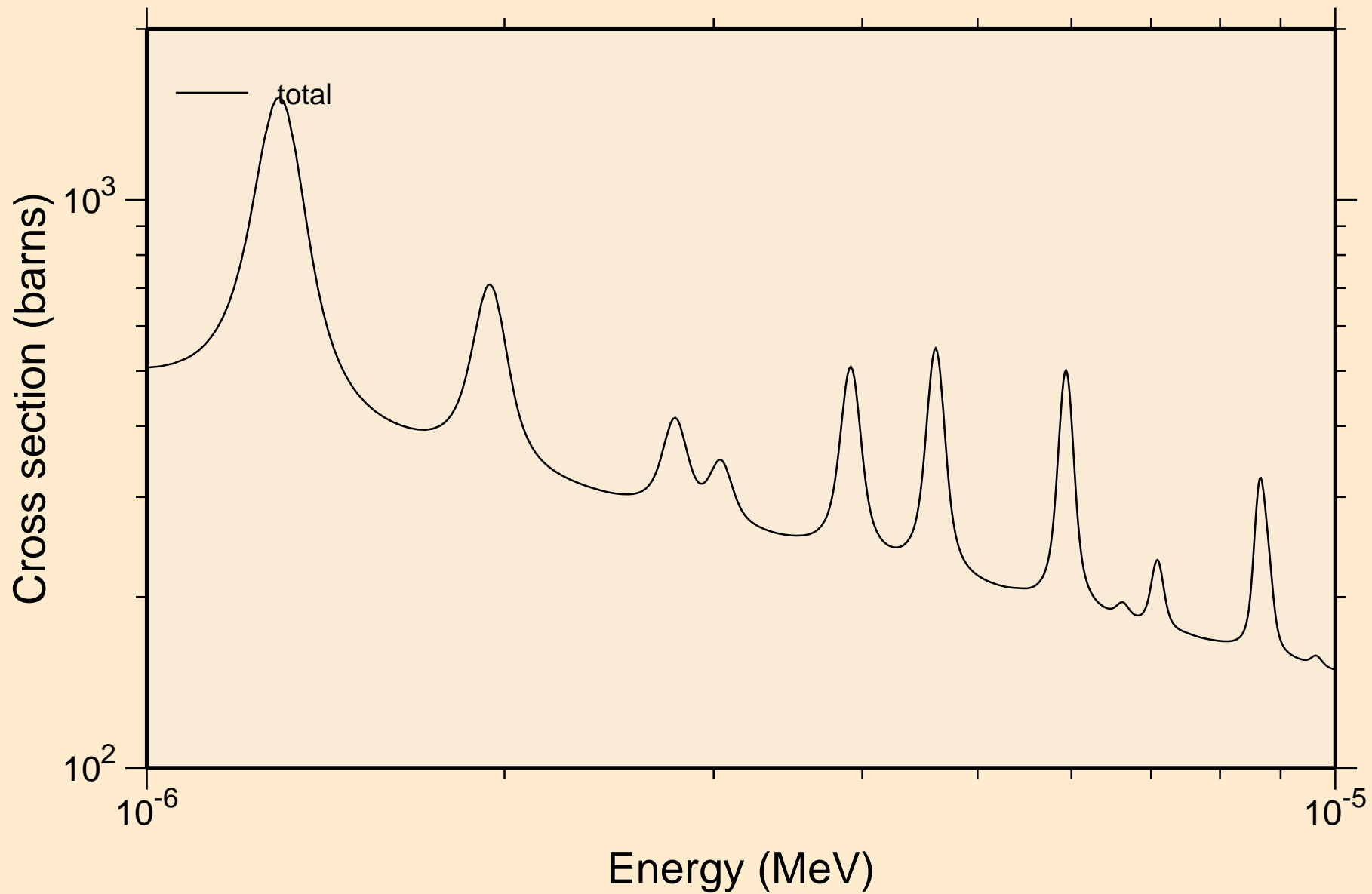


# CS120 NRG TENDL-2015, AKONING

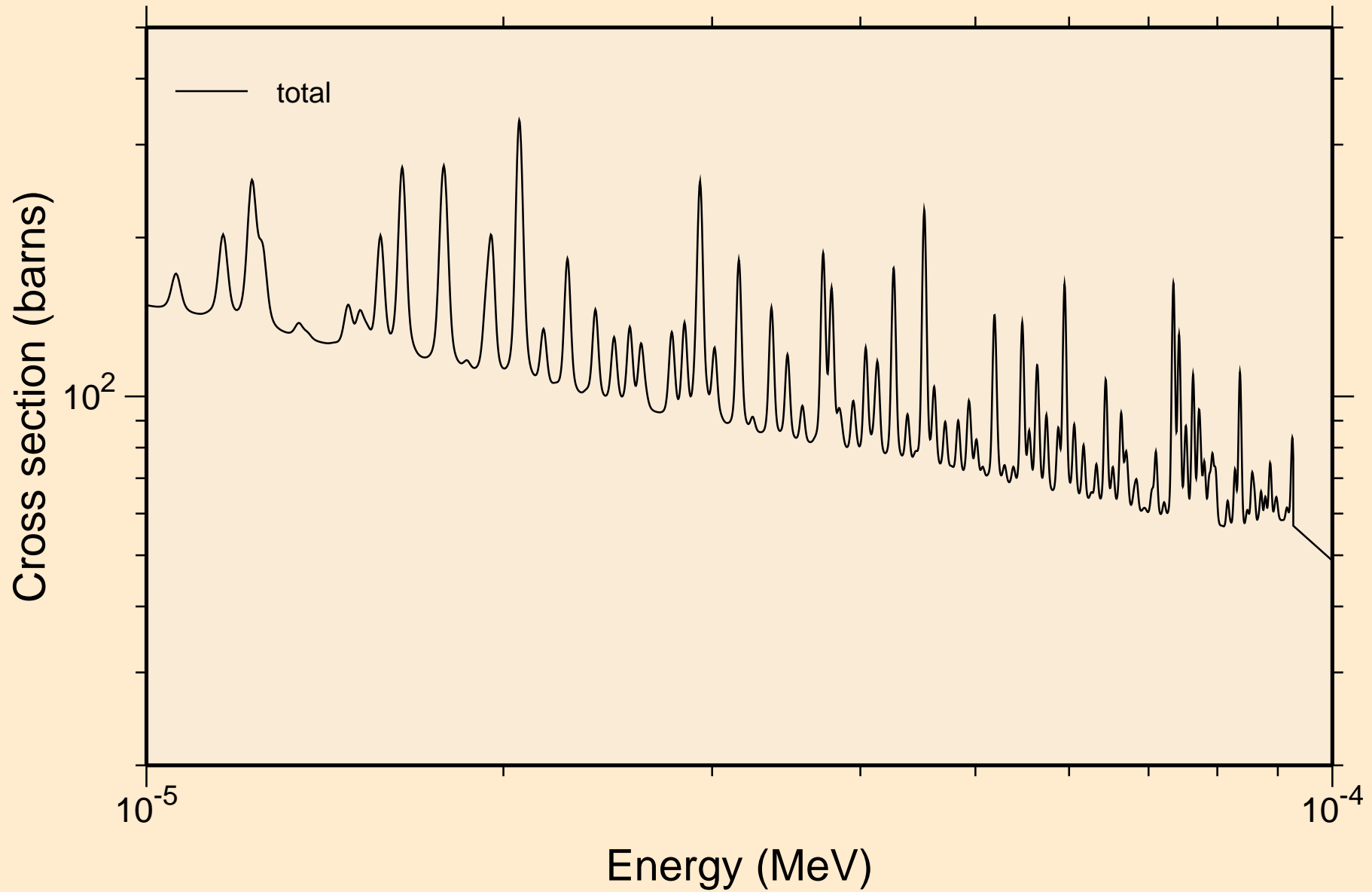
## Principal cross sections



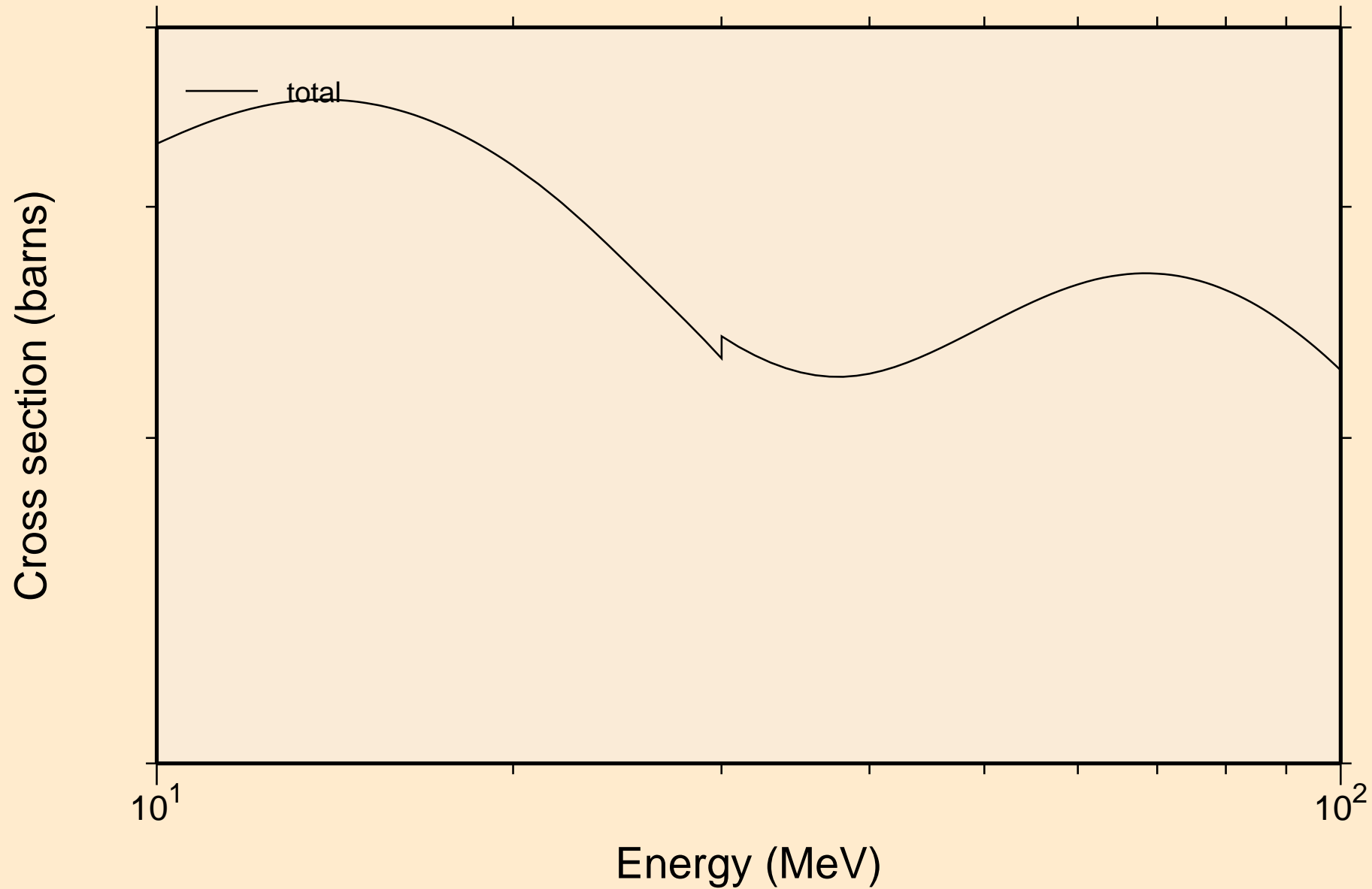
CS120 NRG TENDL-2015, AKONING  
resonance total cross section



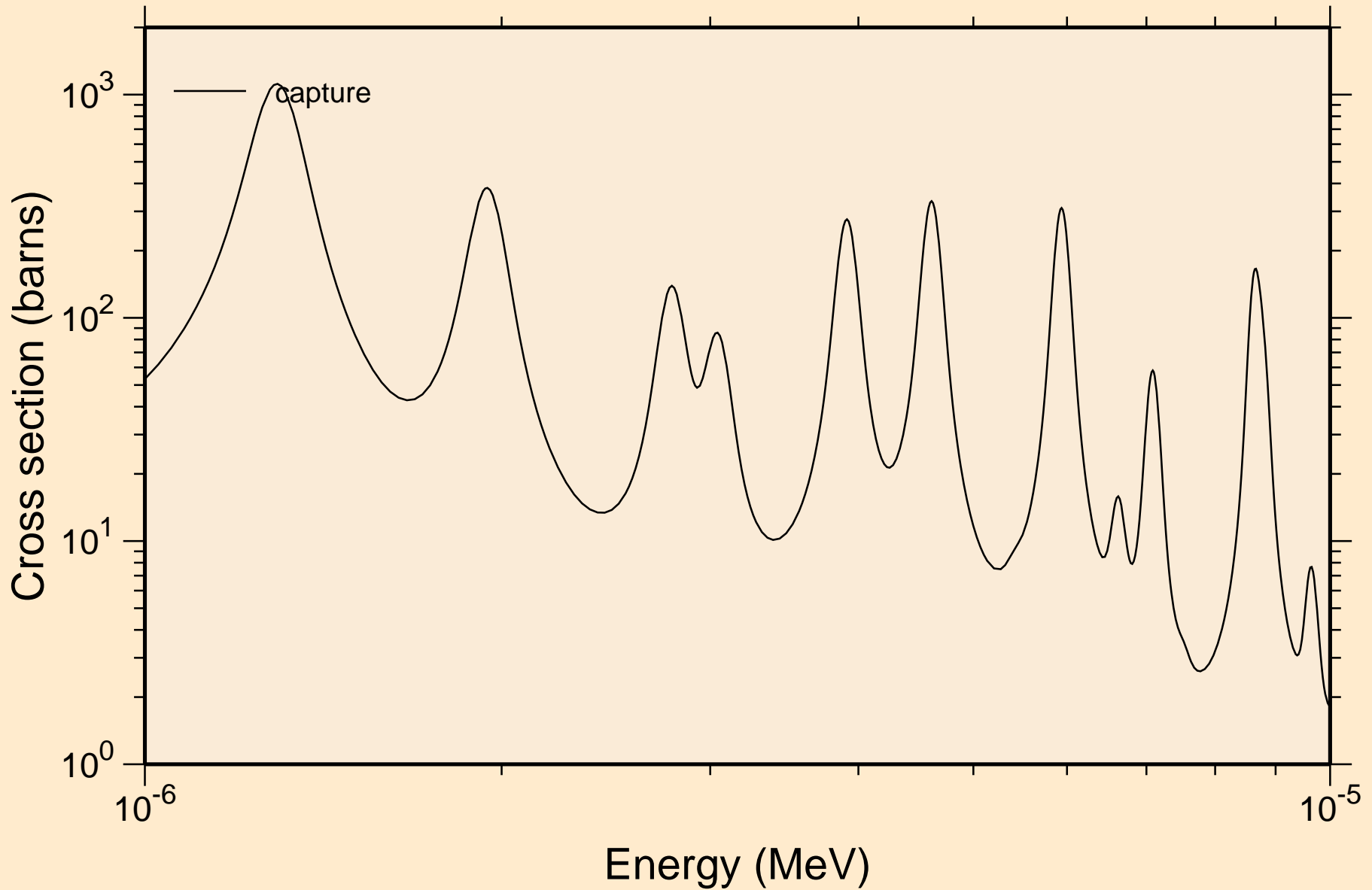
CS120 NRG TENDL-2015, AKONING  
resonance total cross section



C<sup>120</sup> NRG TENDL-2015, AKONING  
resonance total cross section

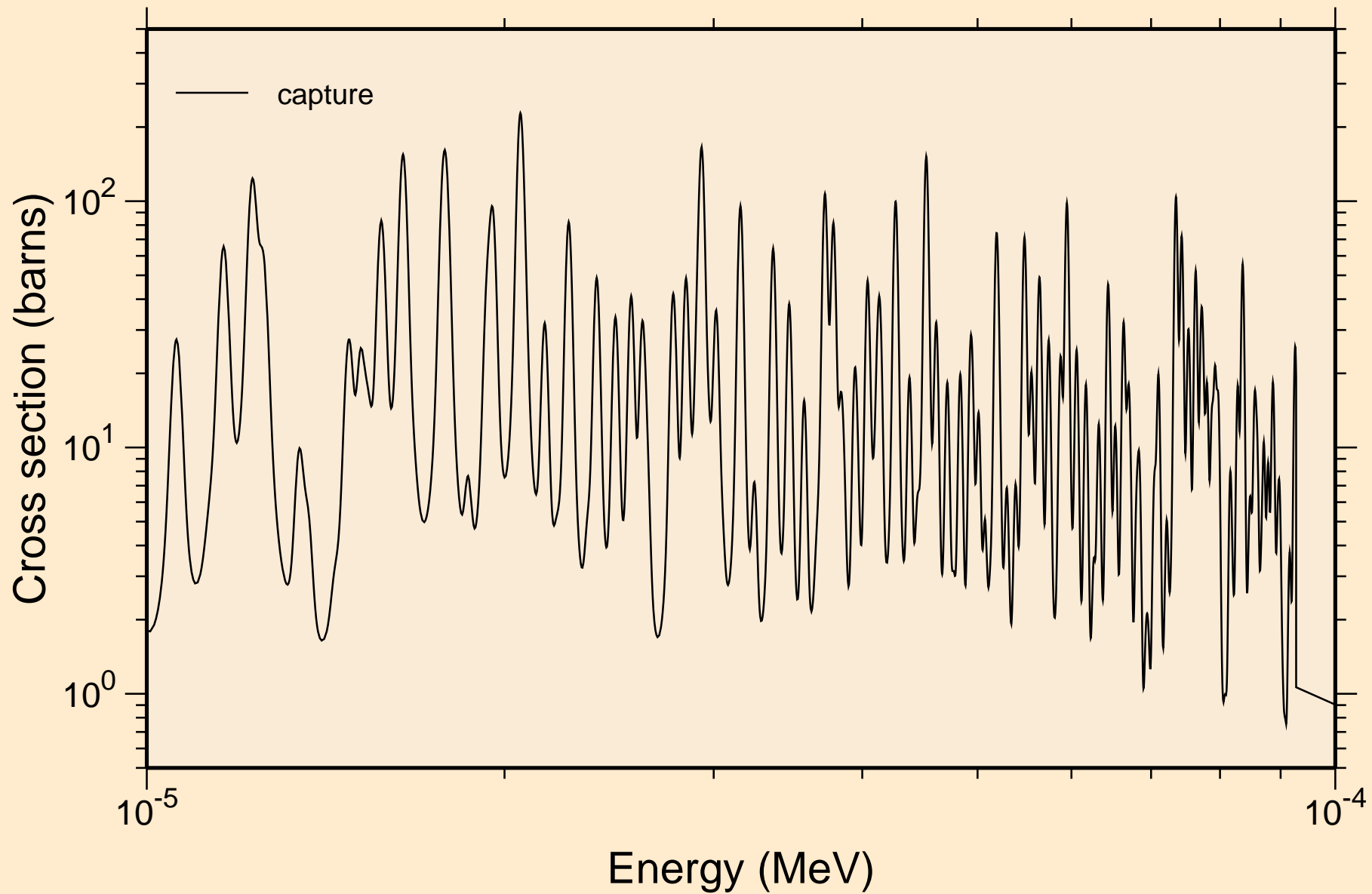


CS120 NRG TENDL-2015, AKONING  
resonance absorption cross sections

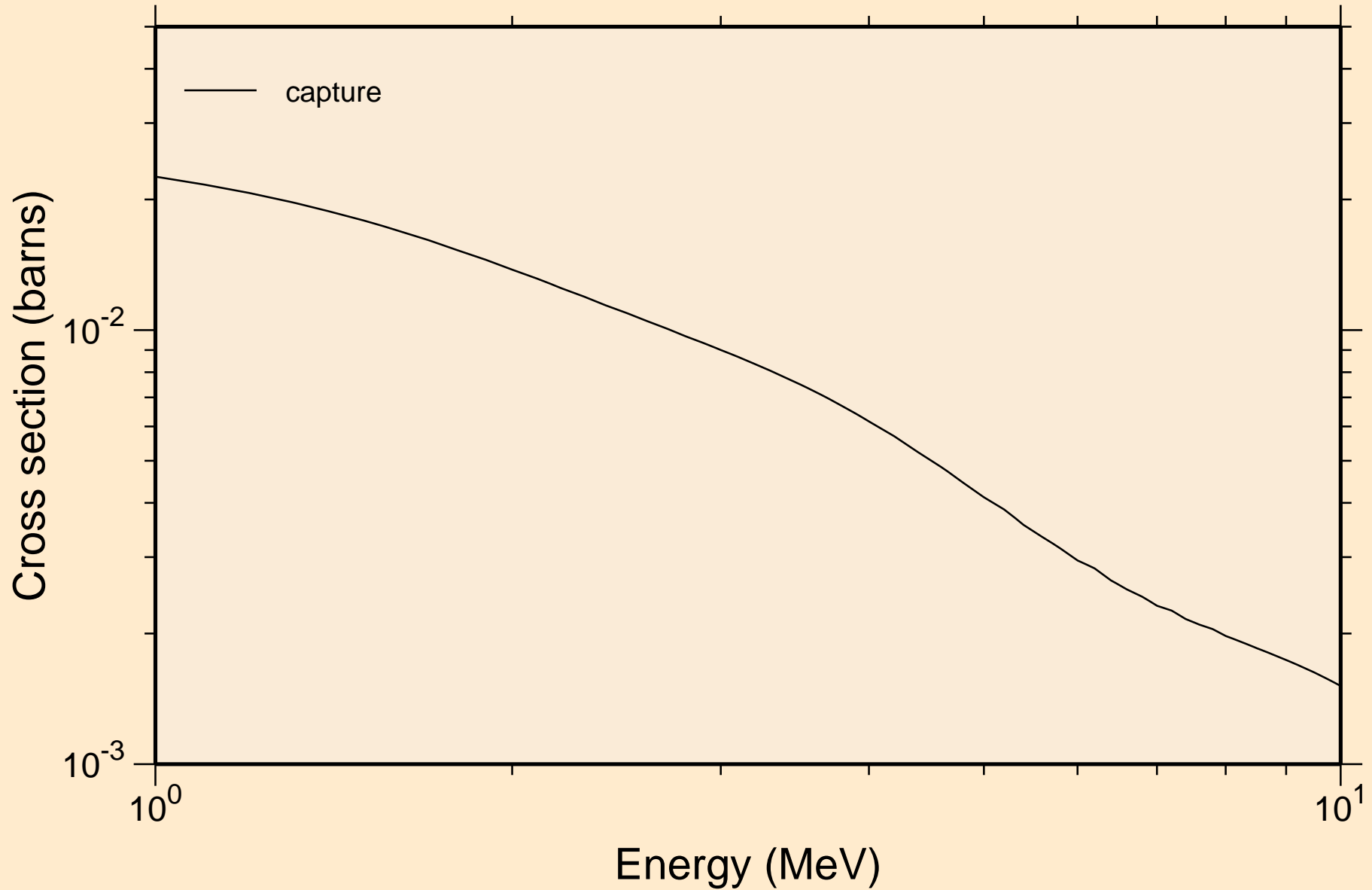


# CS120 NRG TENDL-2015, AKONING

## resonance absorption cross sections

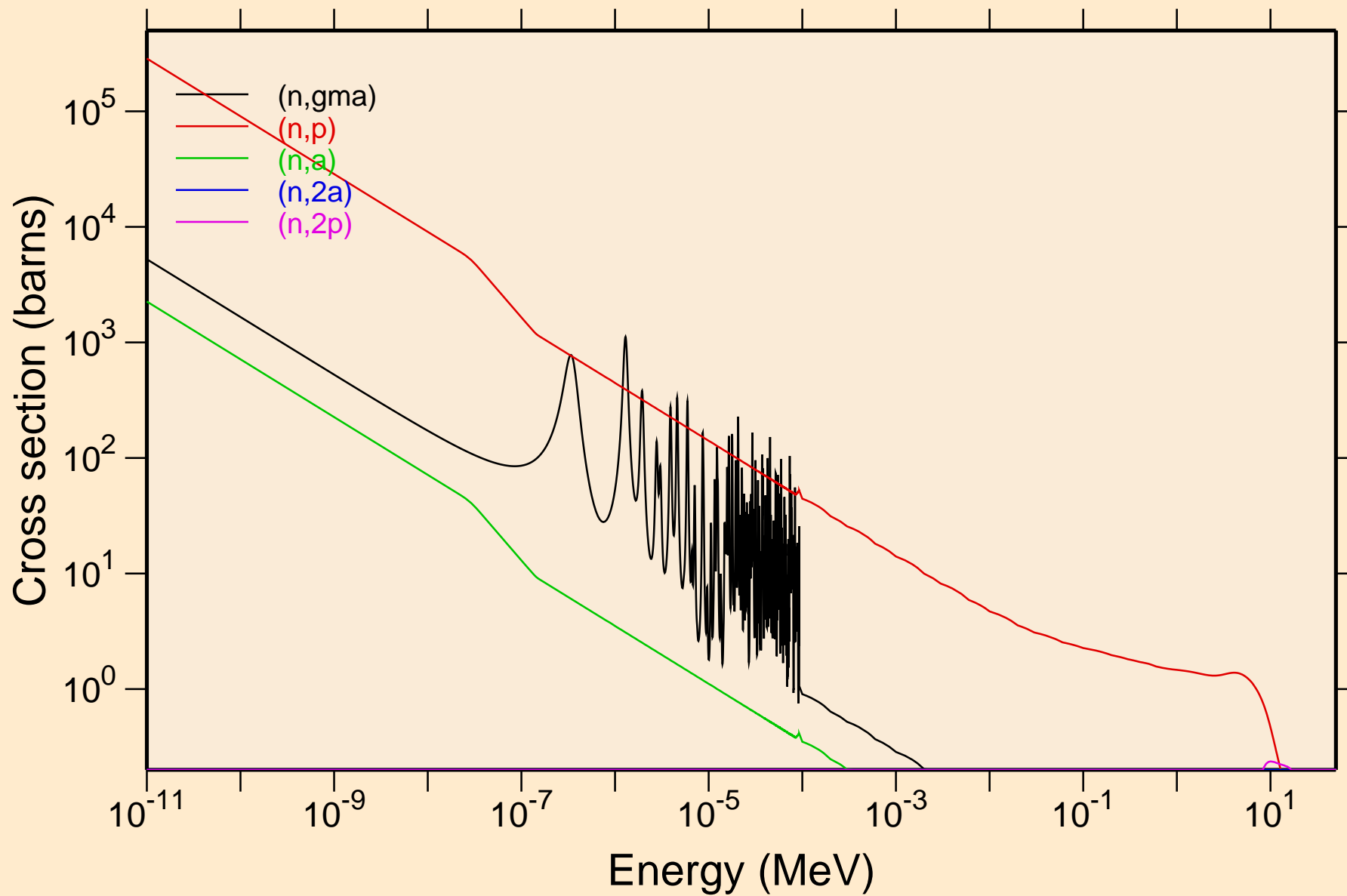


CS120 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# CS120 NRG TENDL-2015, AKONING

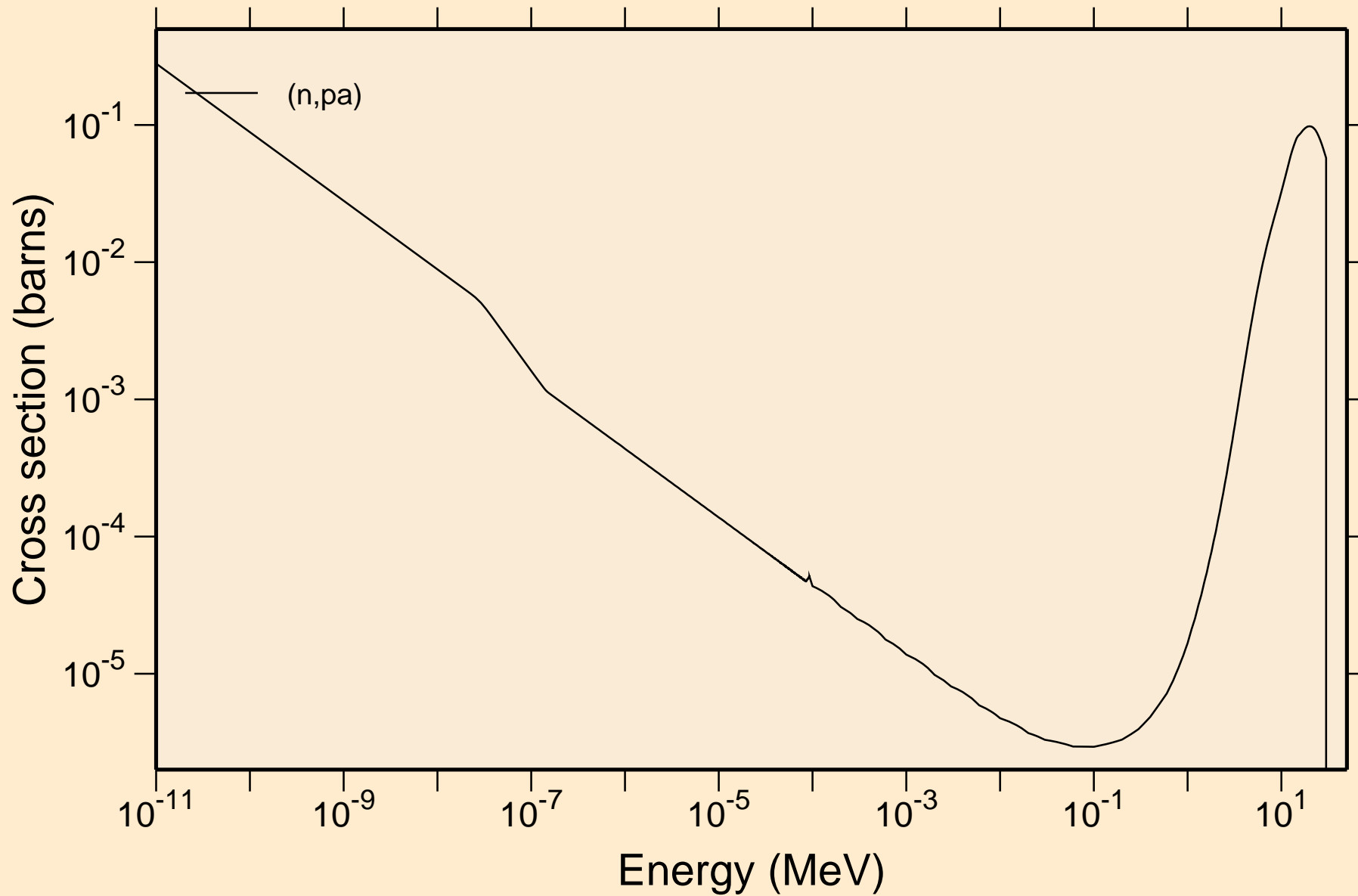
## Non-threshold reactions





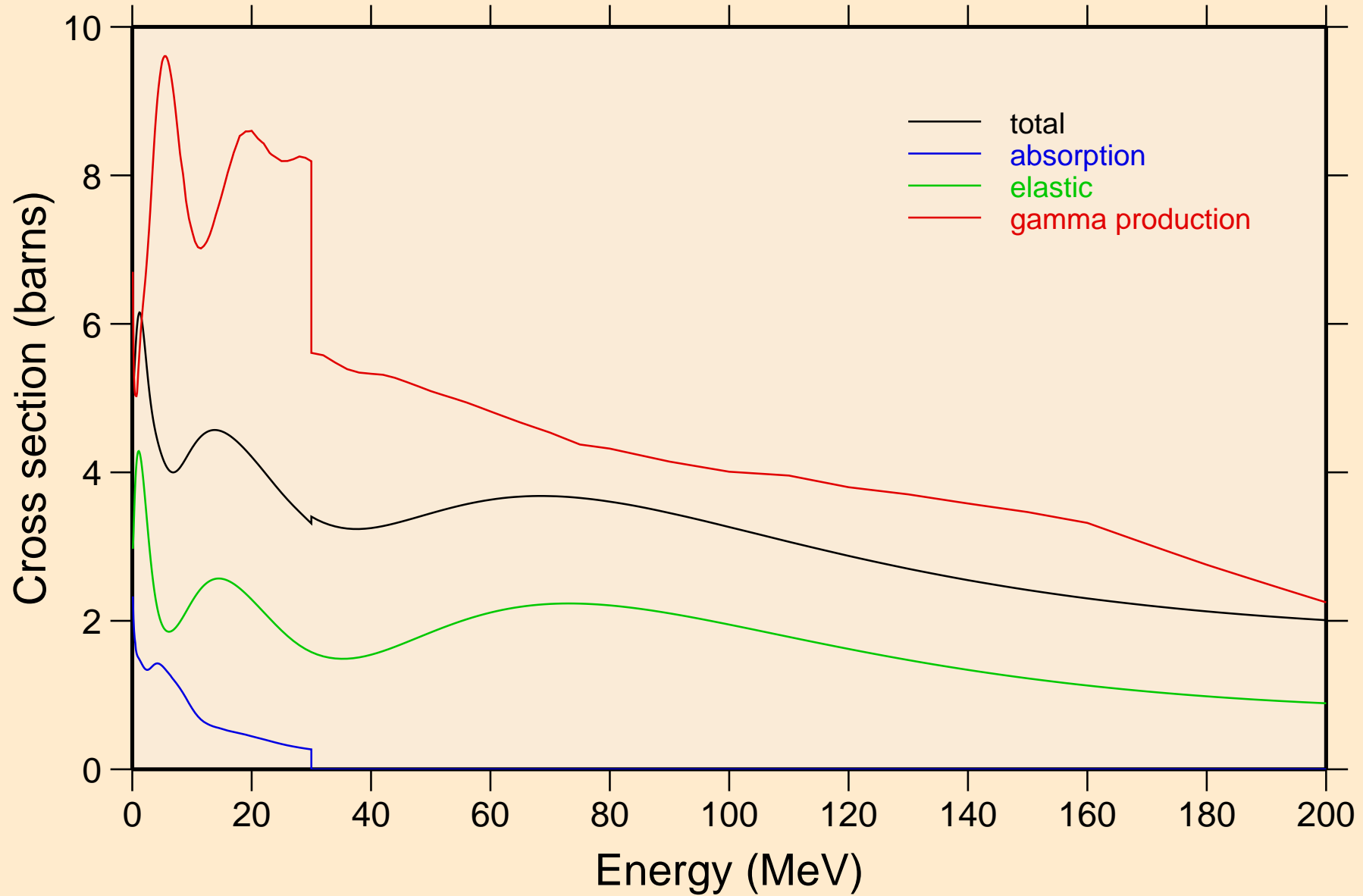
# CS120 NRG TENDL-2015, AKONING

## Non-threshold reactions



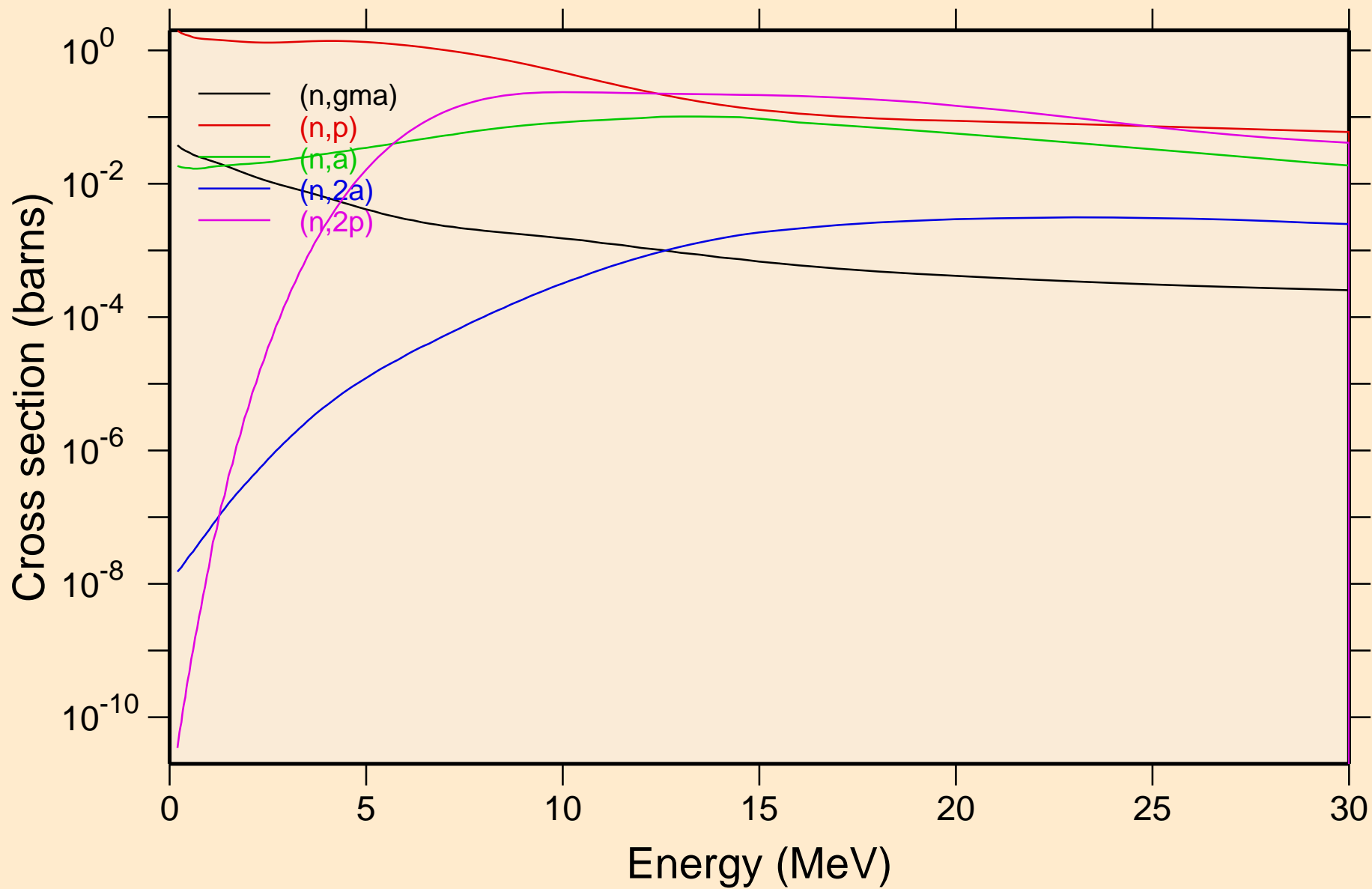
# CS120 NRG TENDL-2015, AKONING

## Principal cross sections



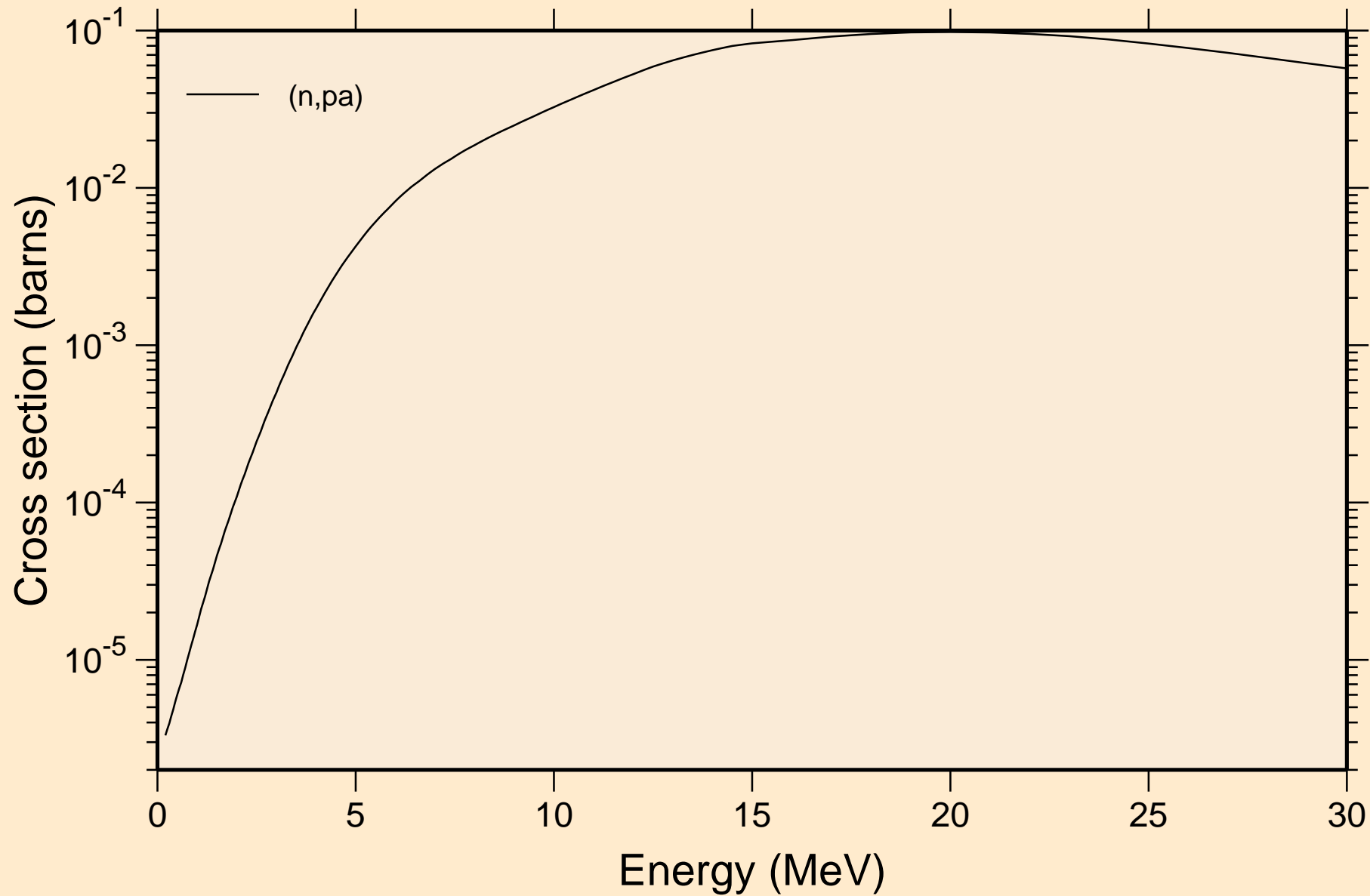
# CS120 NRG TENDL-2015, AKONING

## Non-threshold reactions



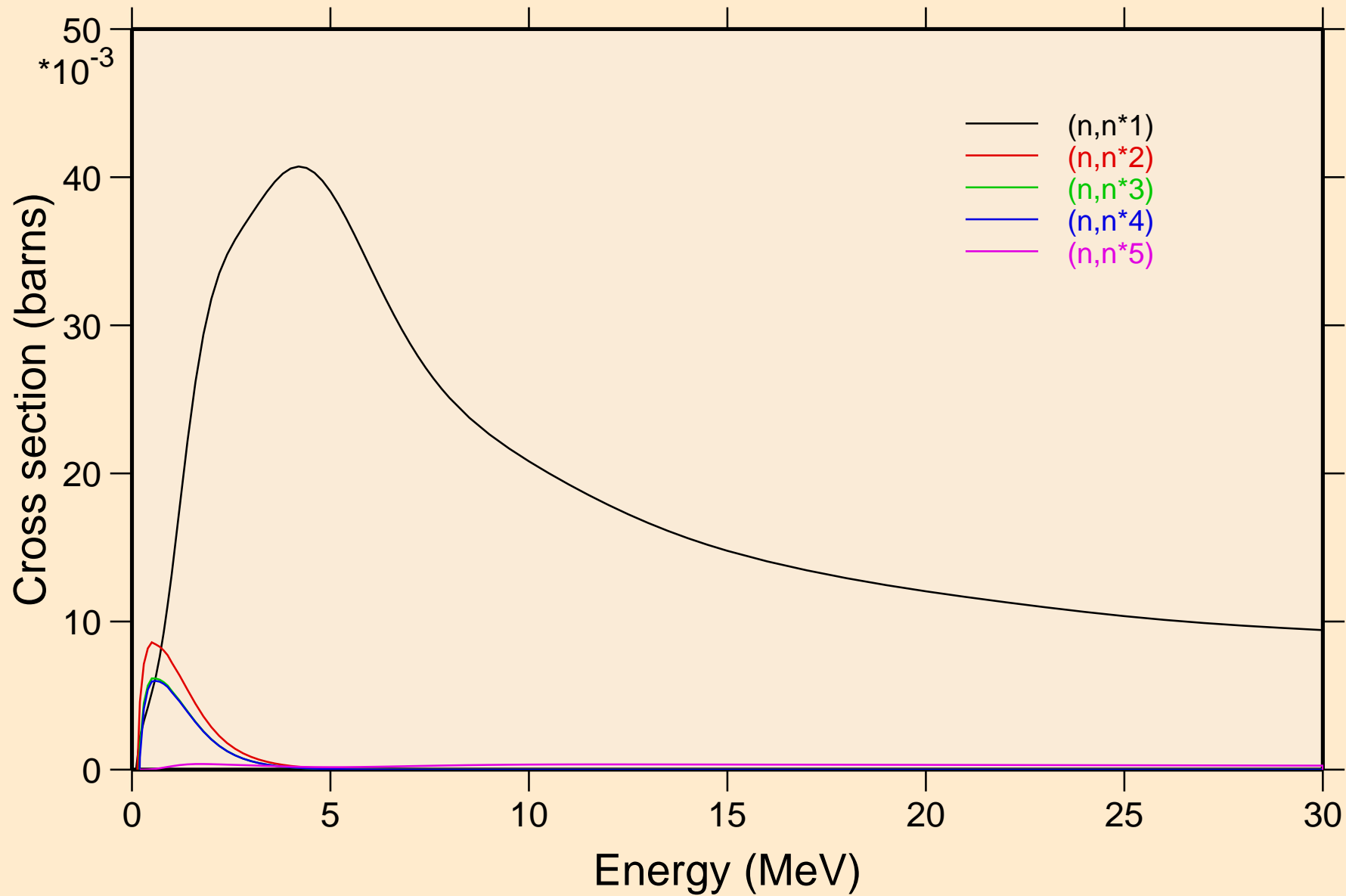
# CS120 NRG TENDL-2015, AKONING

## Non-threshold reactions



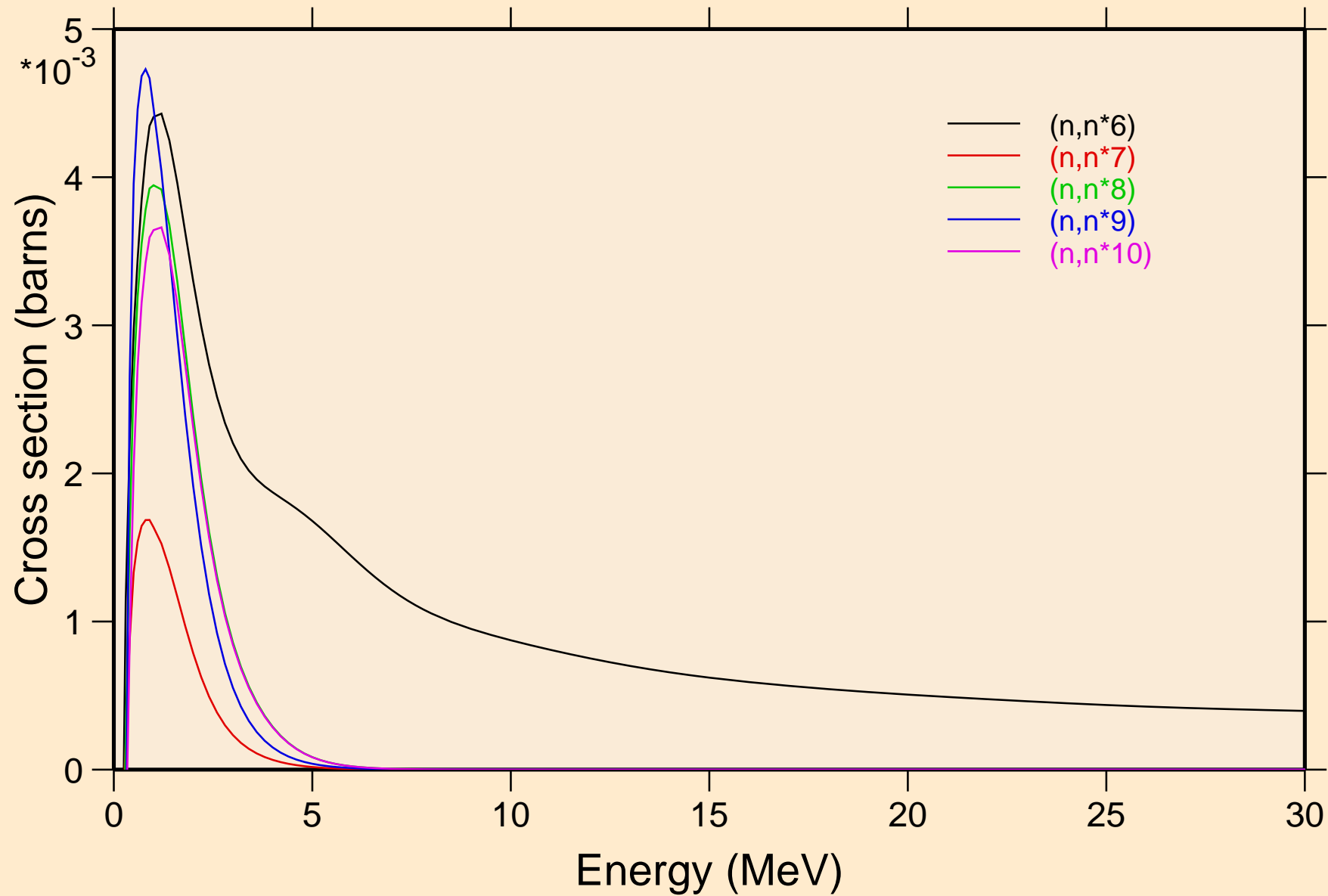
# CS120 NRG TENDL-2015, AKONING

## Inelastic levels



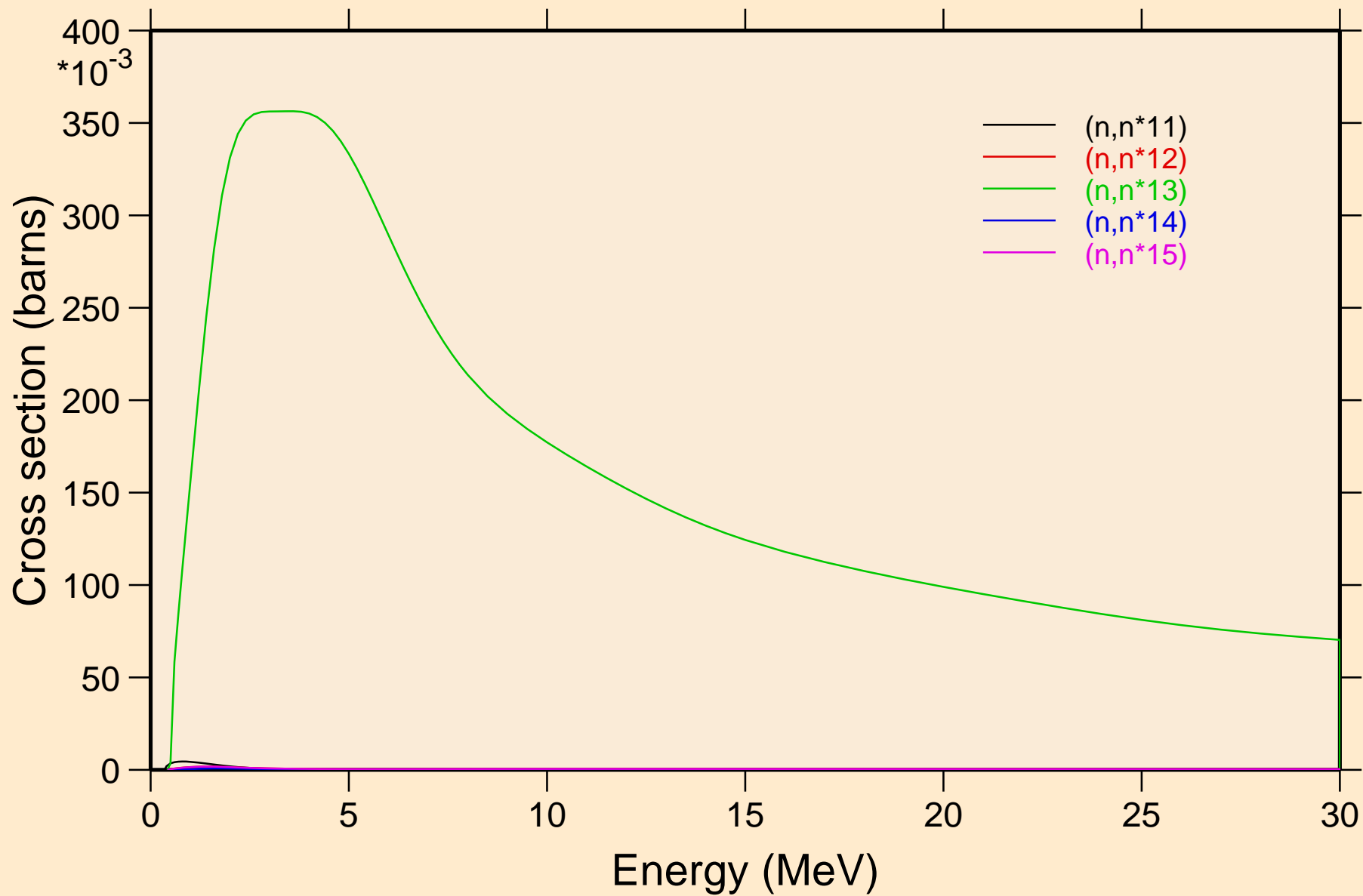
# CS120 NRG TENDL-2015, AKONING

## Inelastic levels



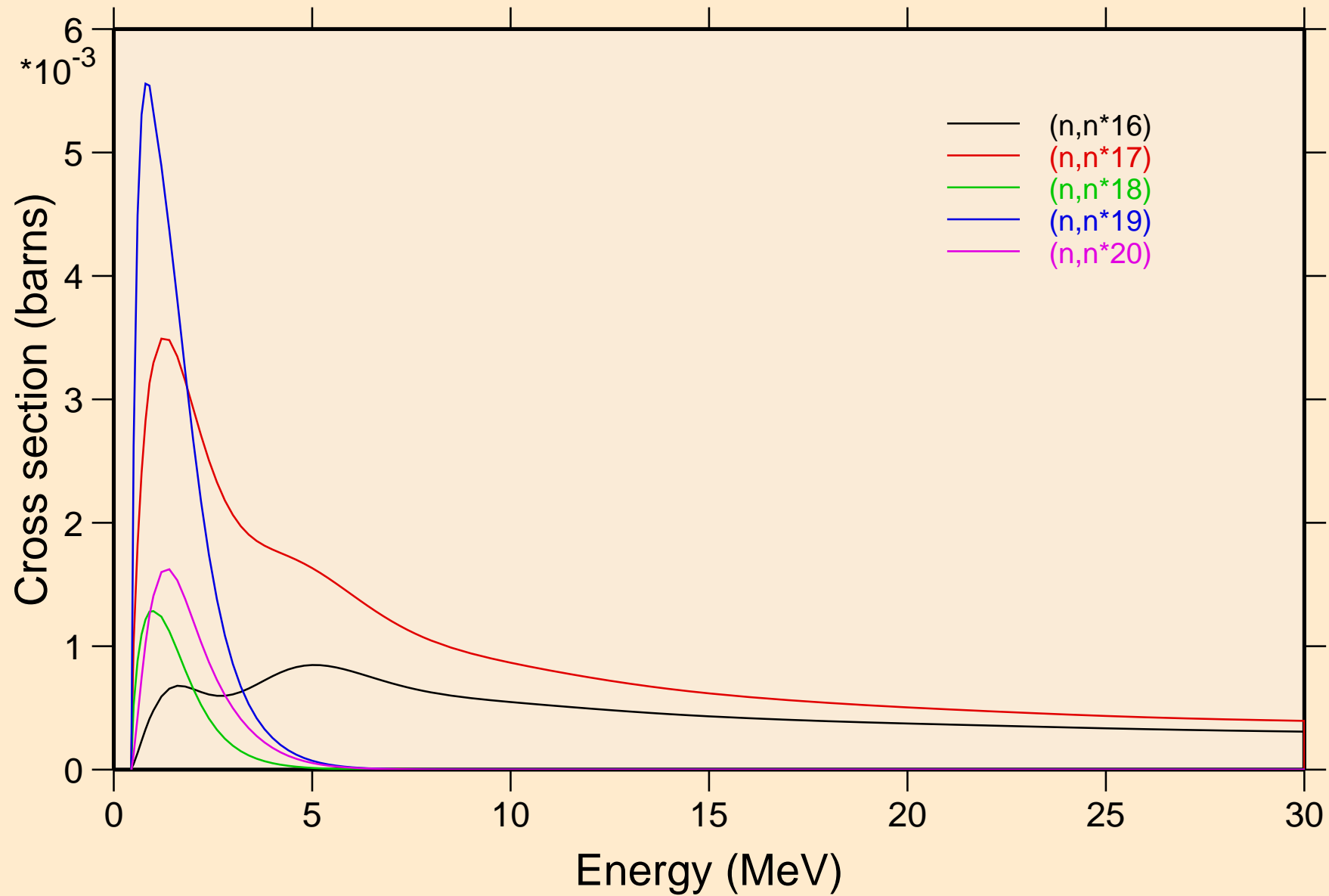
# CS120 NRG TENDL-2015, AKONING

## Inelastic levels



# CS120 NRG TENDL-2015, AKONING

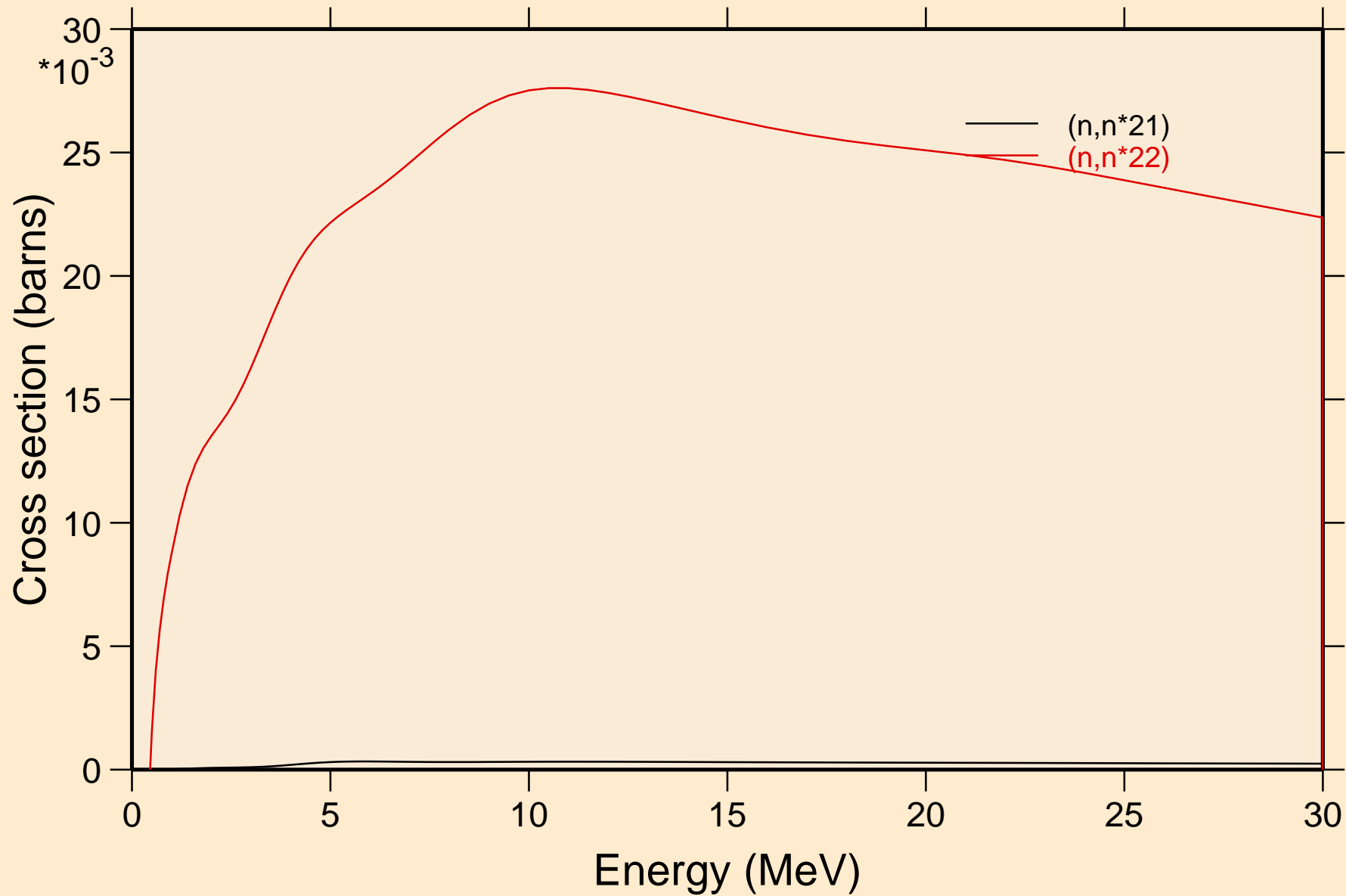
## Inelastic levels





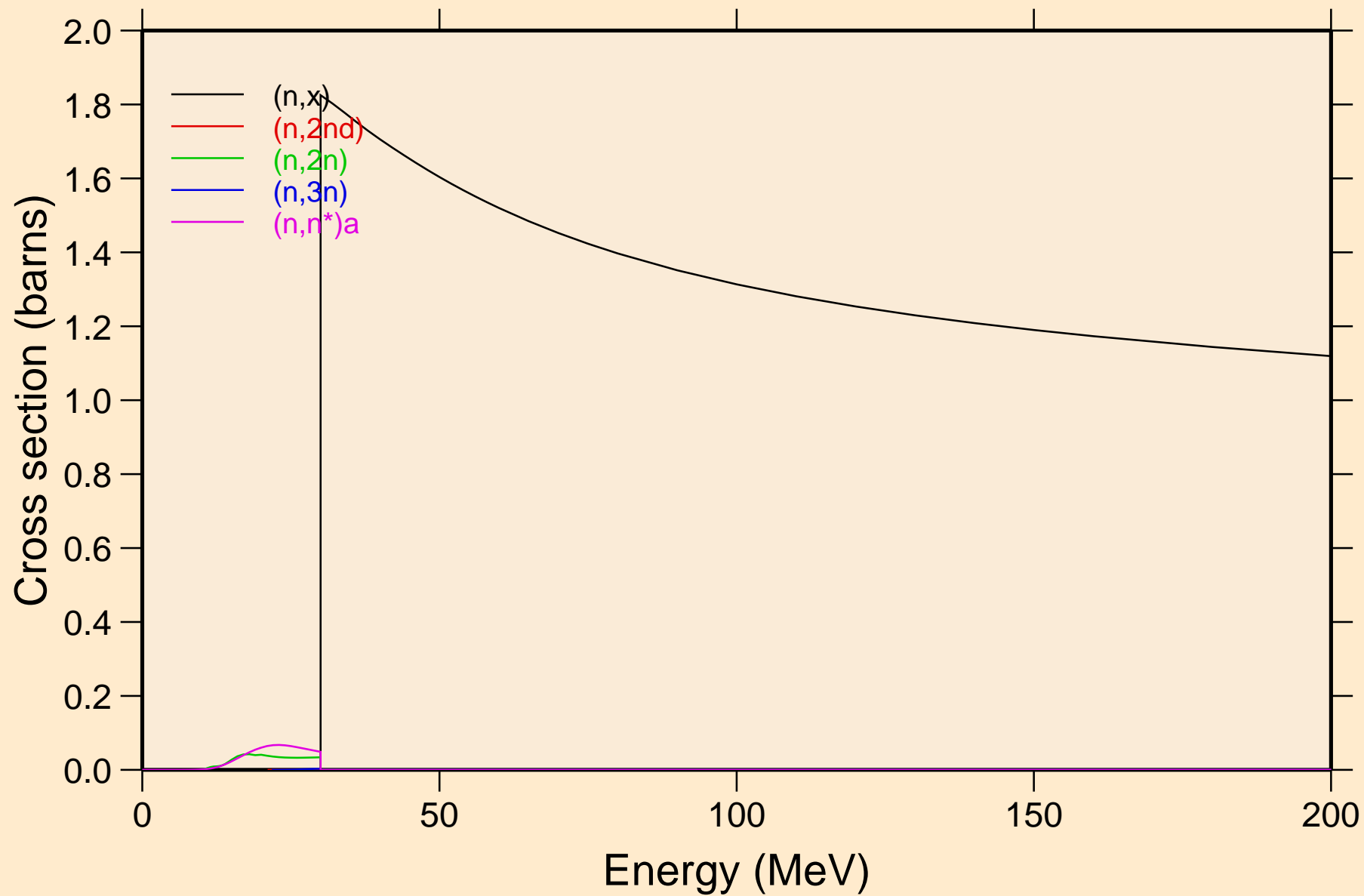
# CS120 NRG TENDL-2015, AKONING

## Inelastic levels



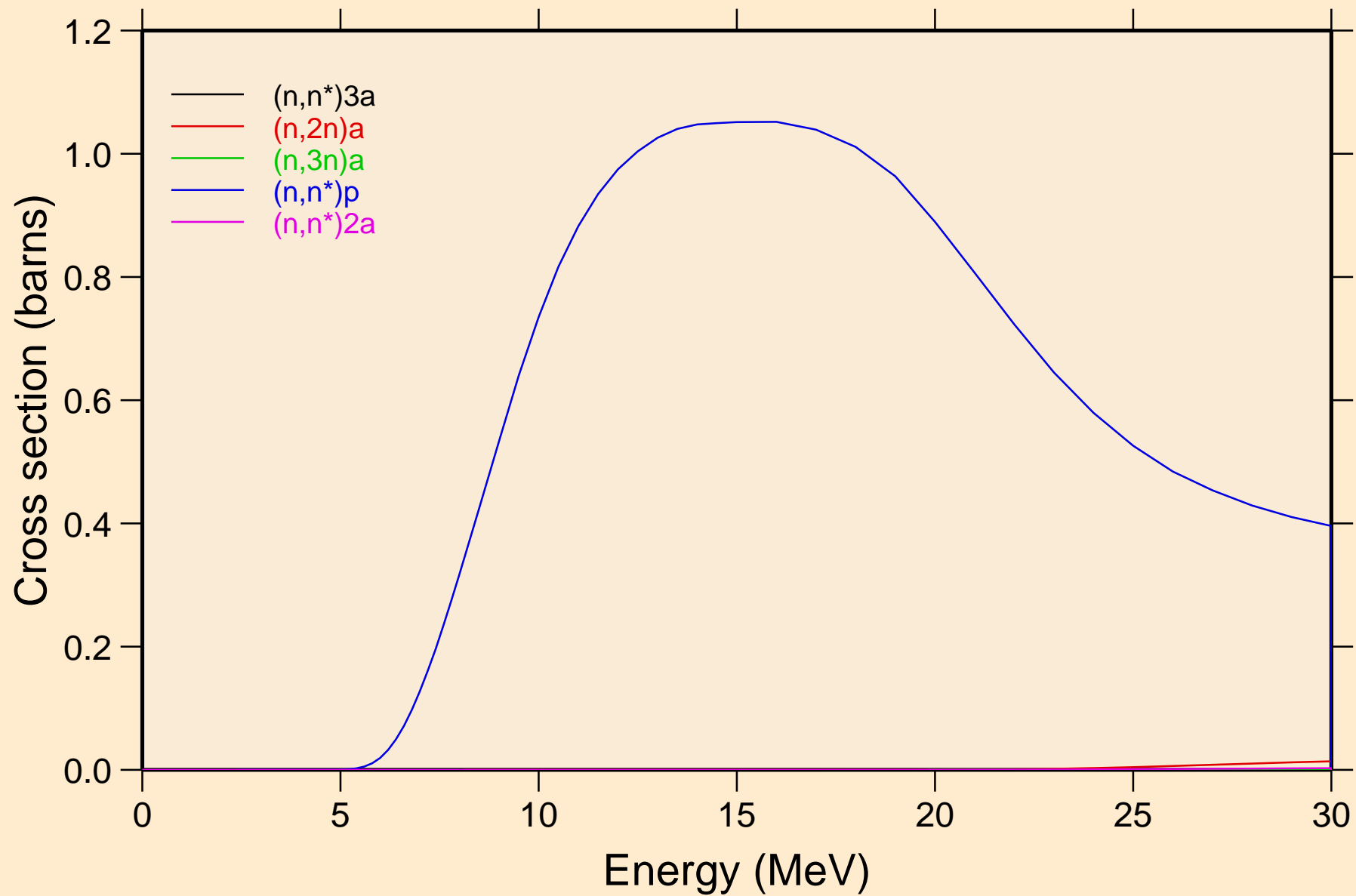
# CS120 NRG TENDL-2015, AKONING

## Threshold reactions



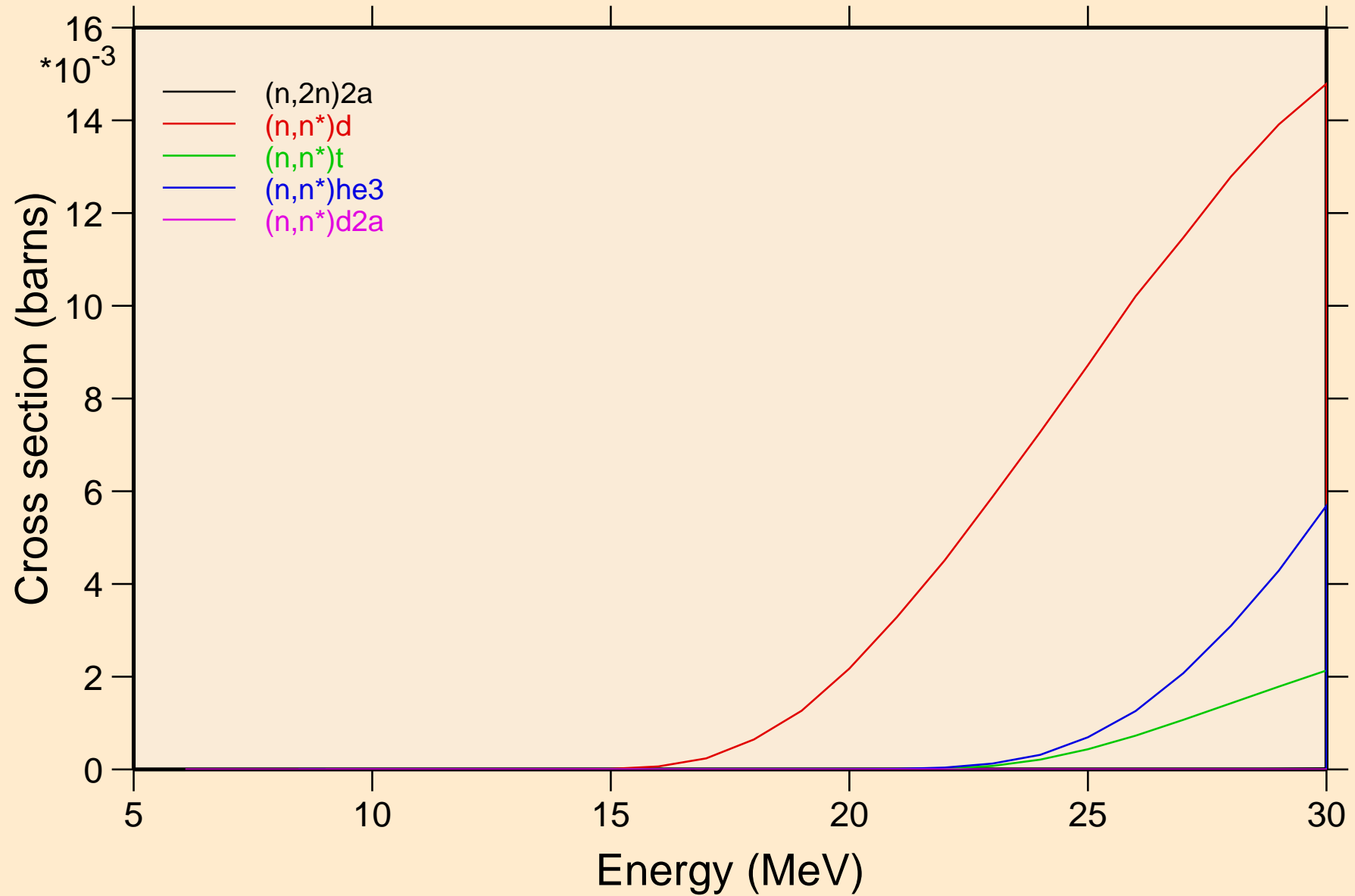
# CS120 NRG TENDL-2015, AKONING

## Threshold reactions



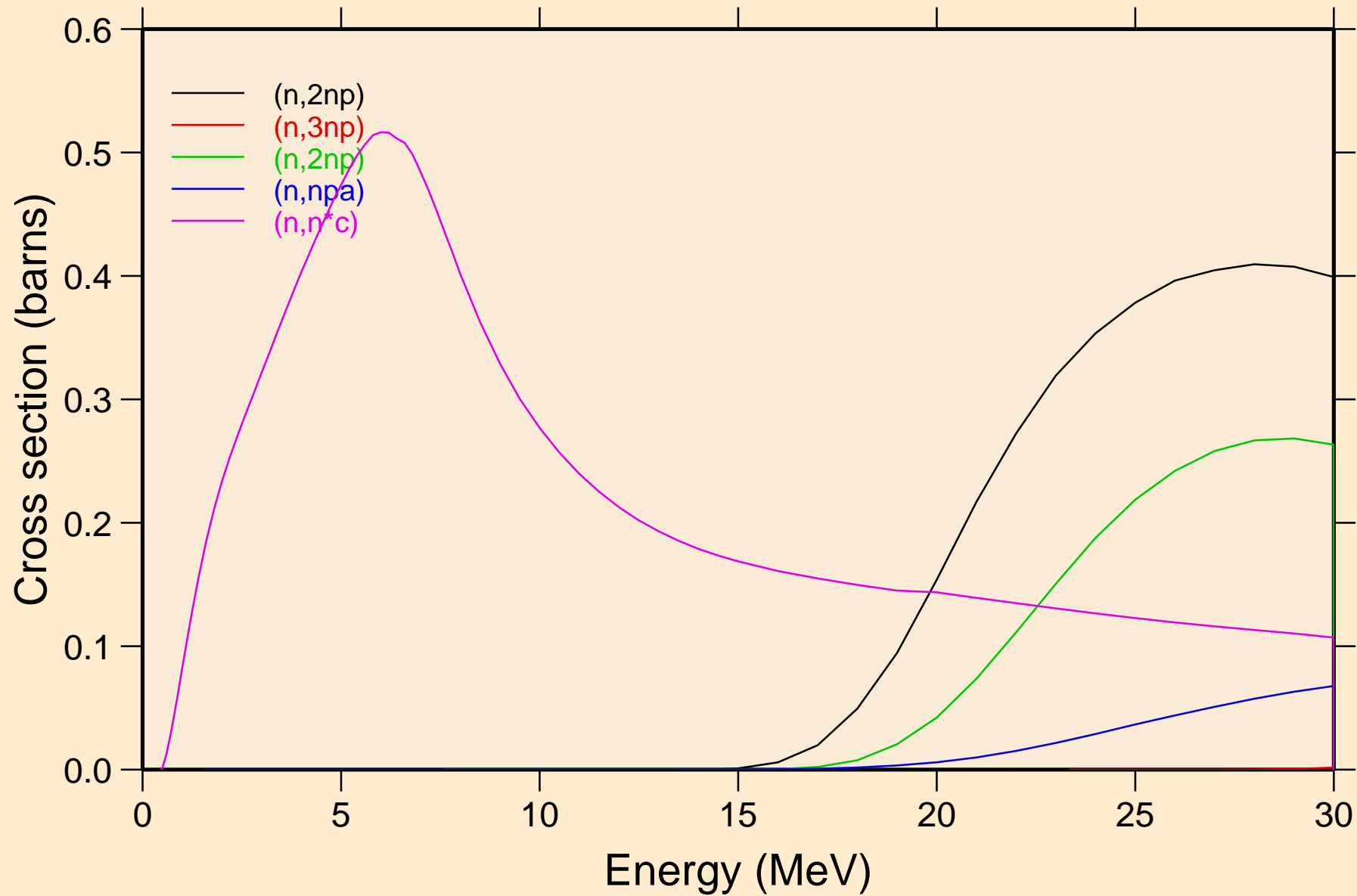
# CS120 NRG TENDL-2015, AKONING

## Threshold reactions



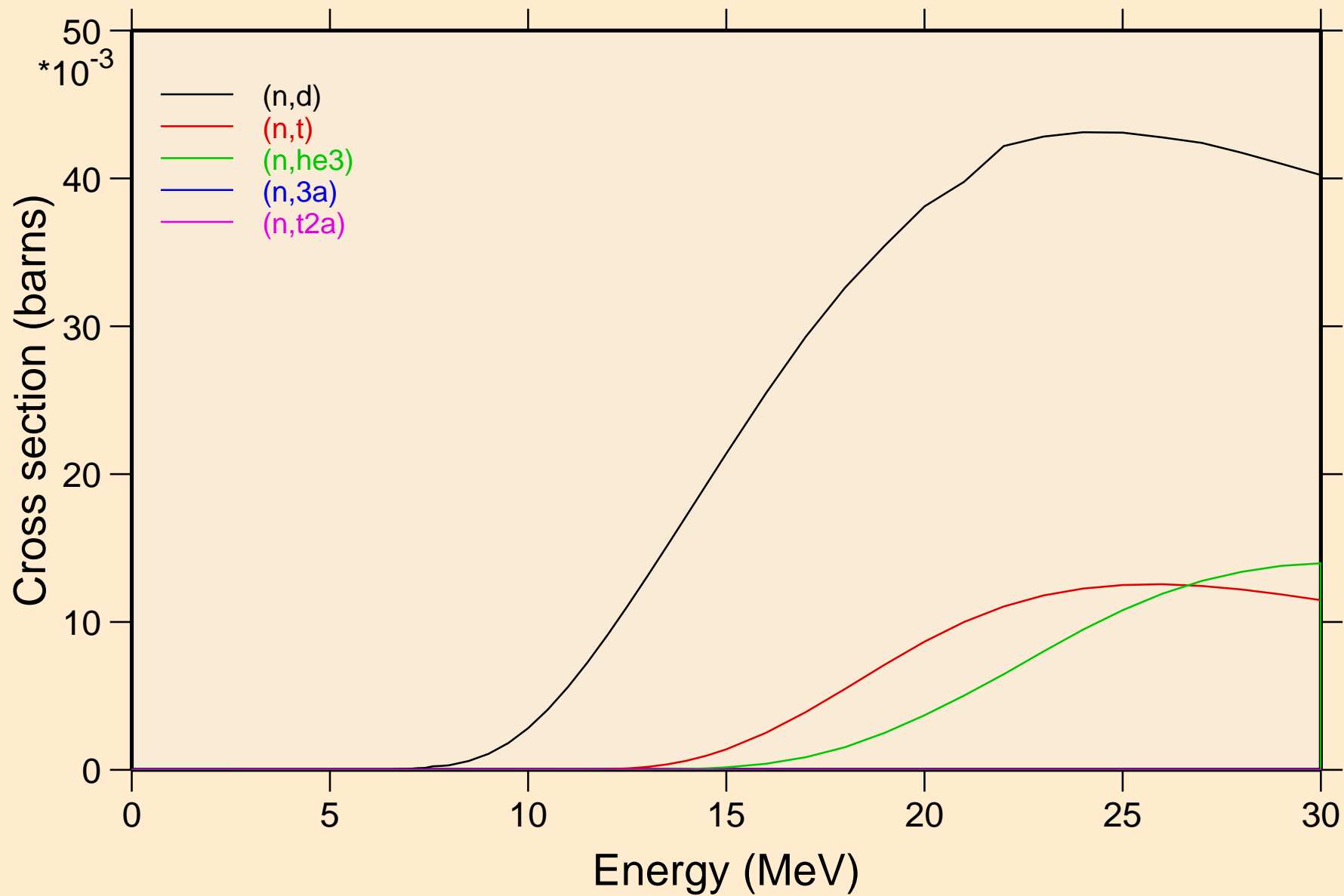
# CS120 NRG TENDL-2015, AKONING

## Threshold reactions



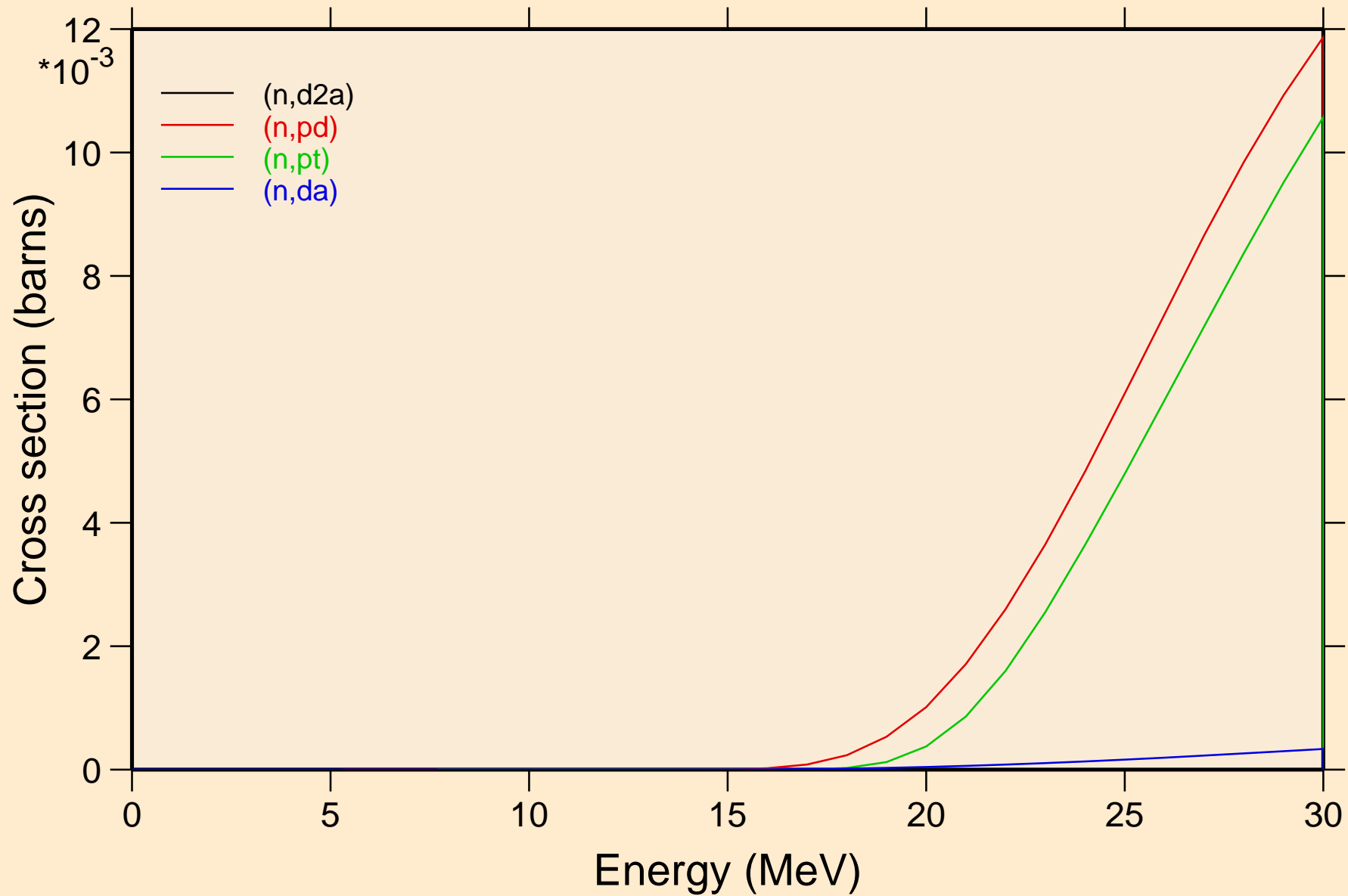
# CS120 NRG TENDL-2015, AKONING

## Threshold reactions

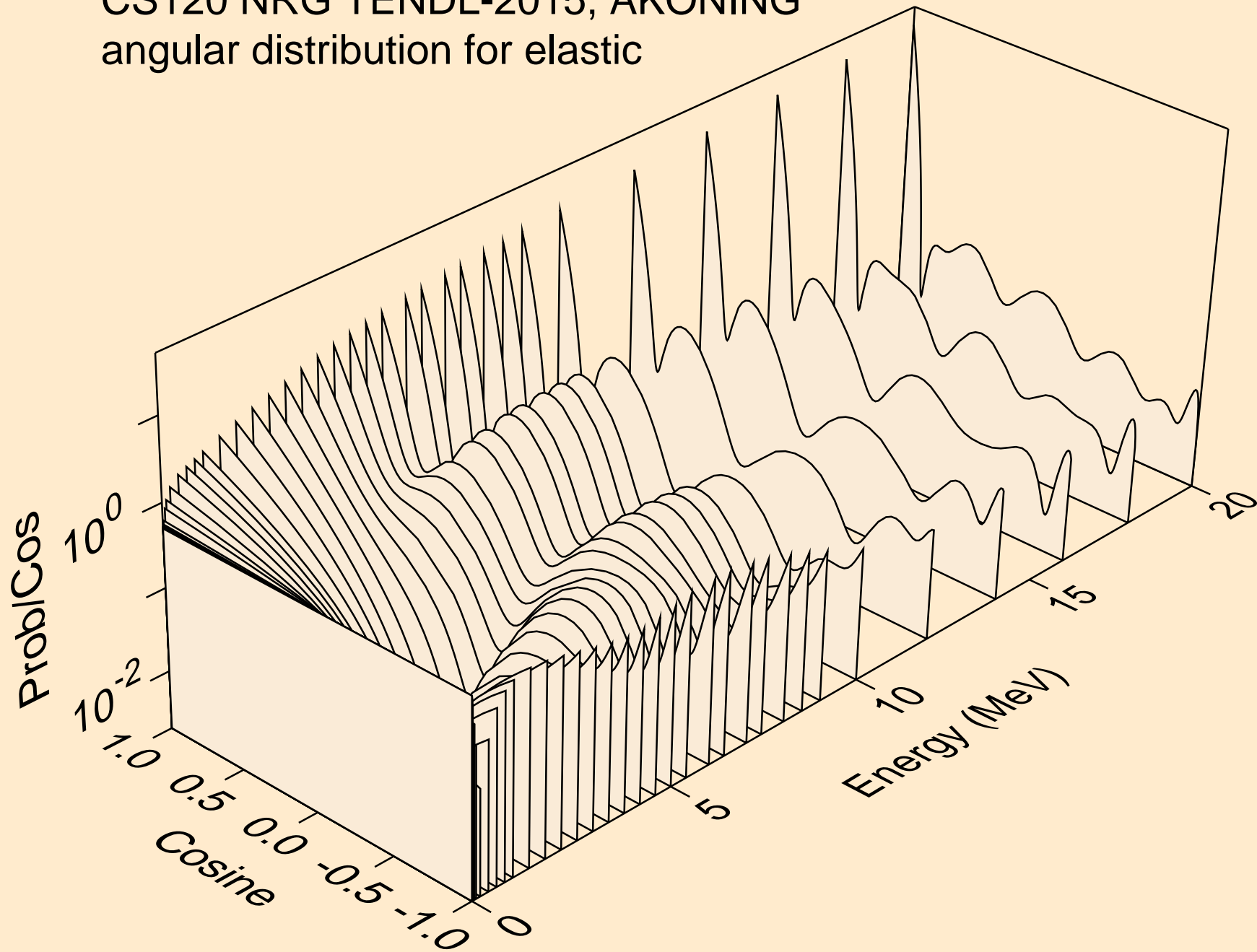


# CS120 NRG TENDL-2015, AKONING

## Threshold reactions

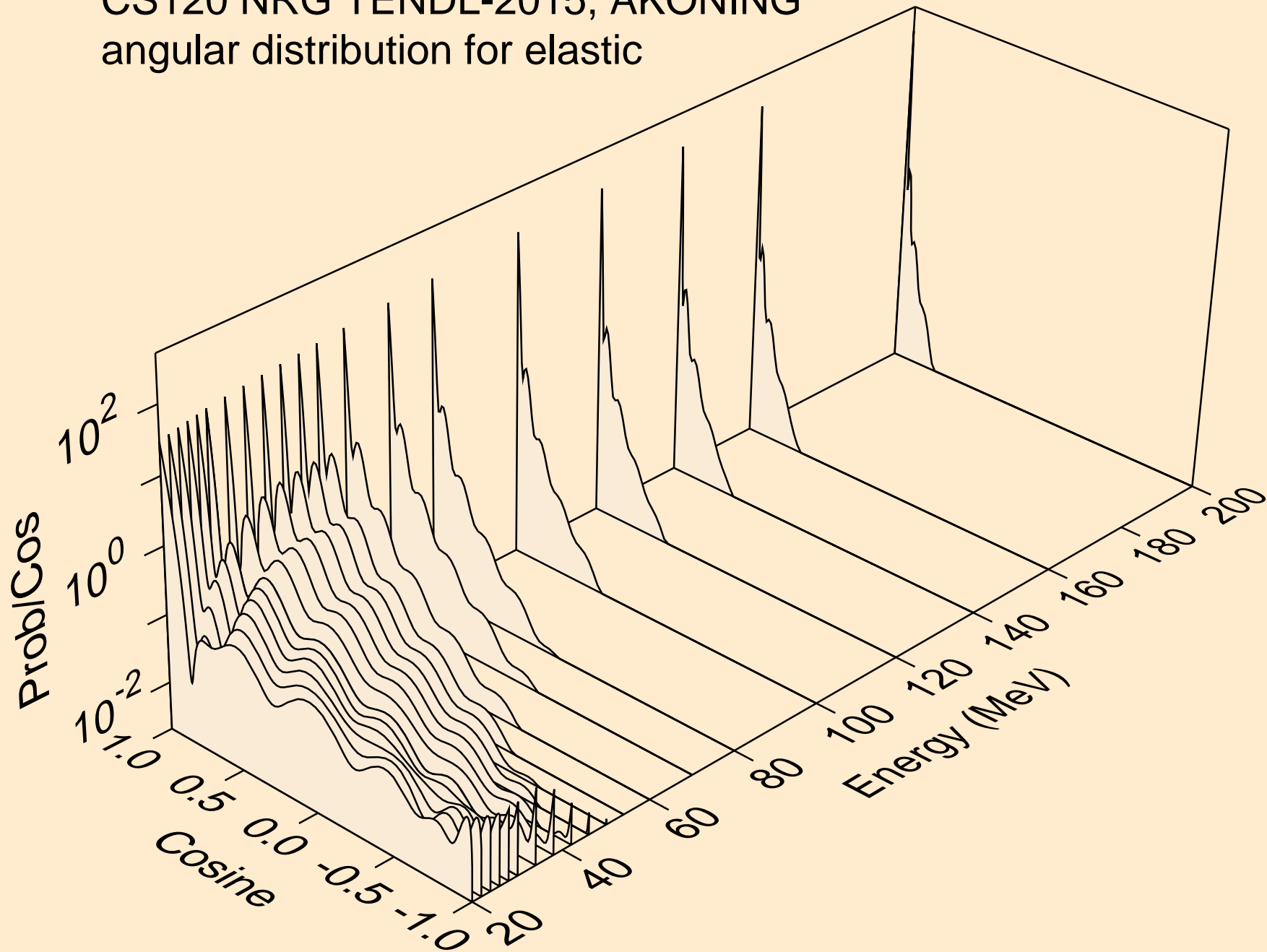


CS120 NRG TENDL-2015, AKONING  
angular distribution for elastic

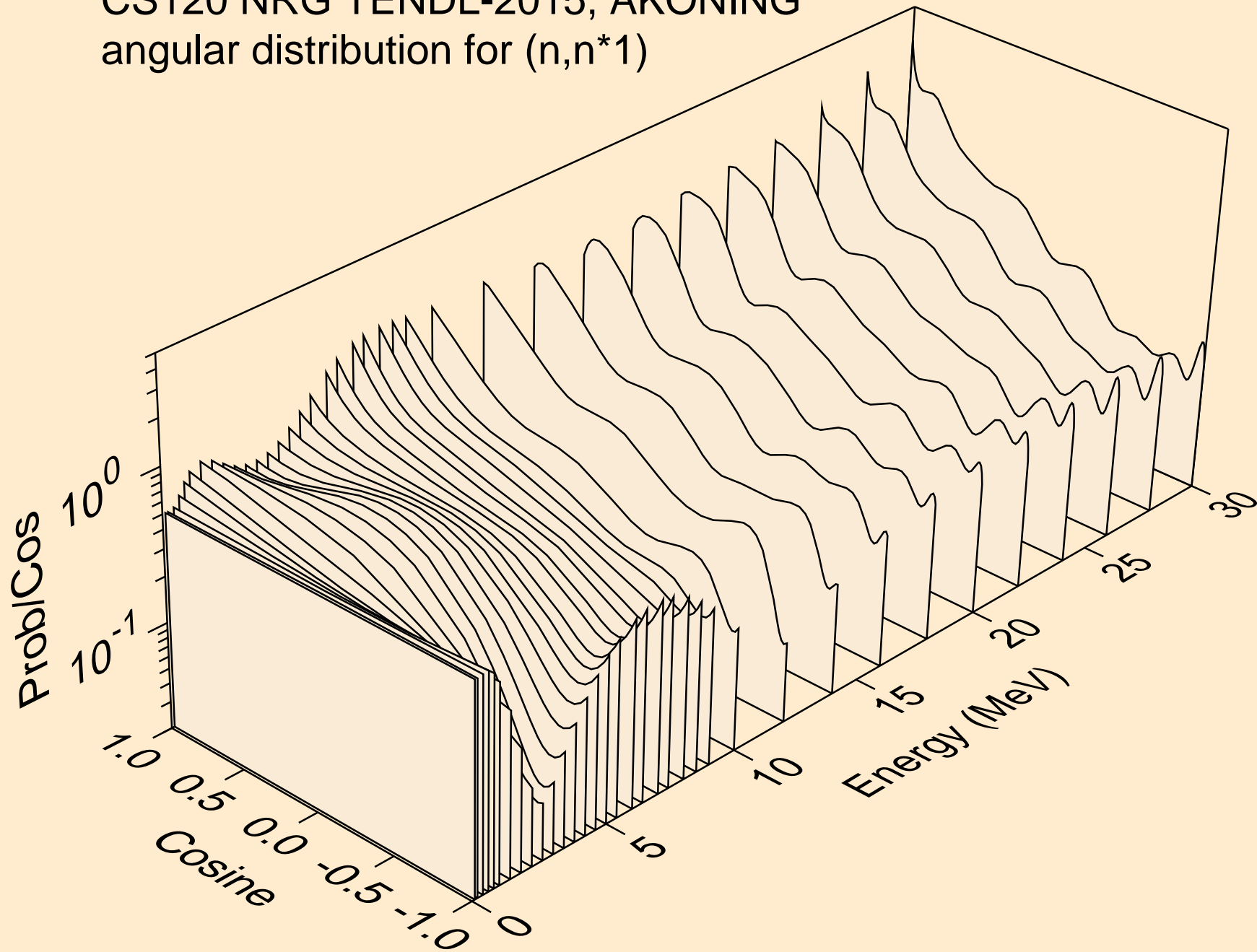




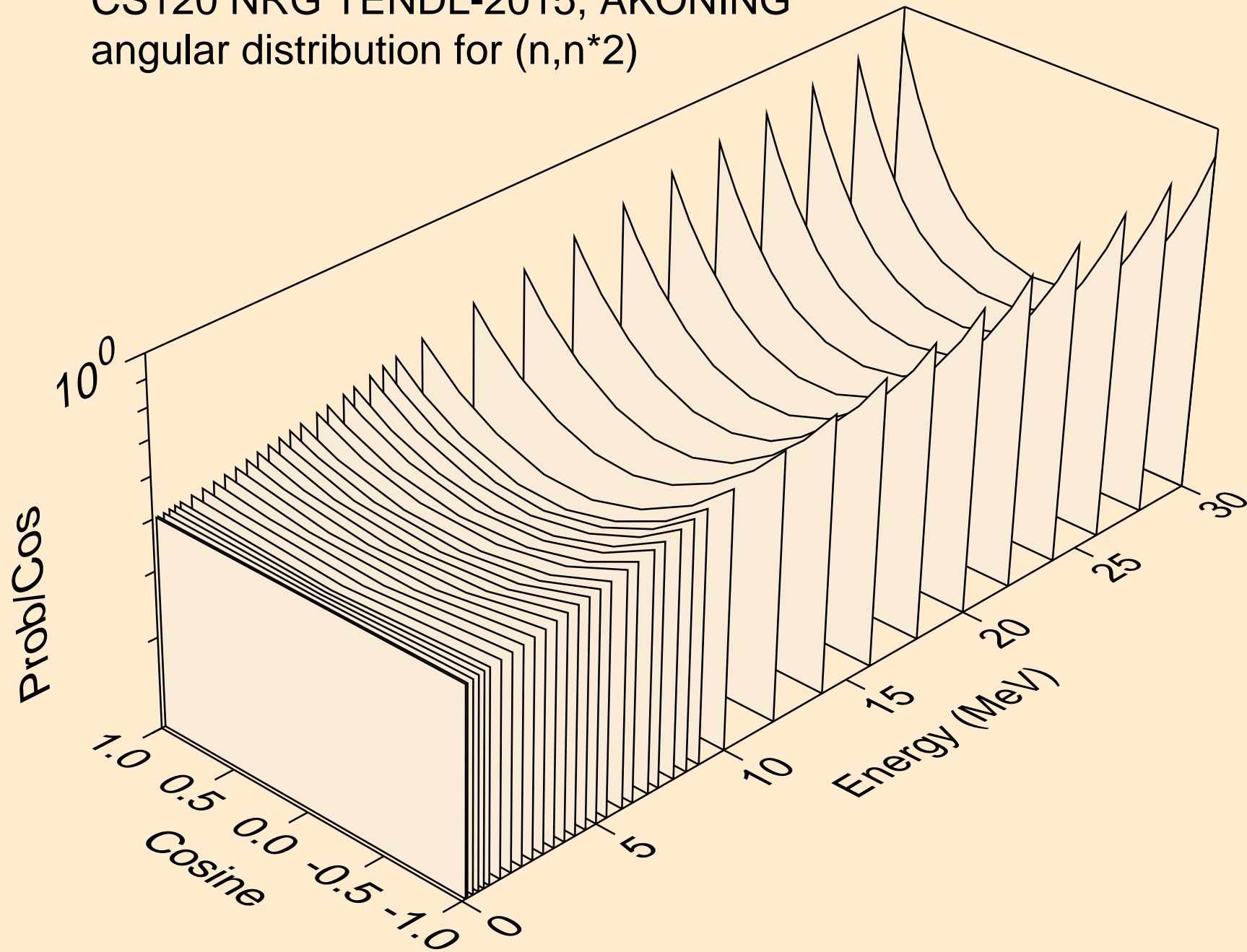
CS120 NRG TENDL-2015, AKONING  
angular distribution for elastic



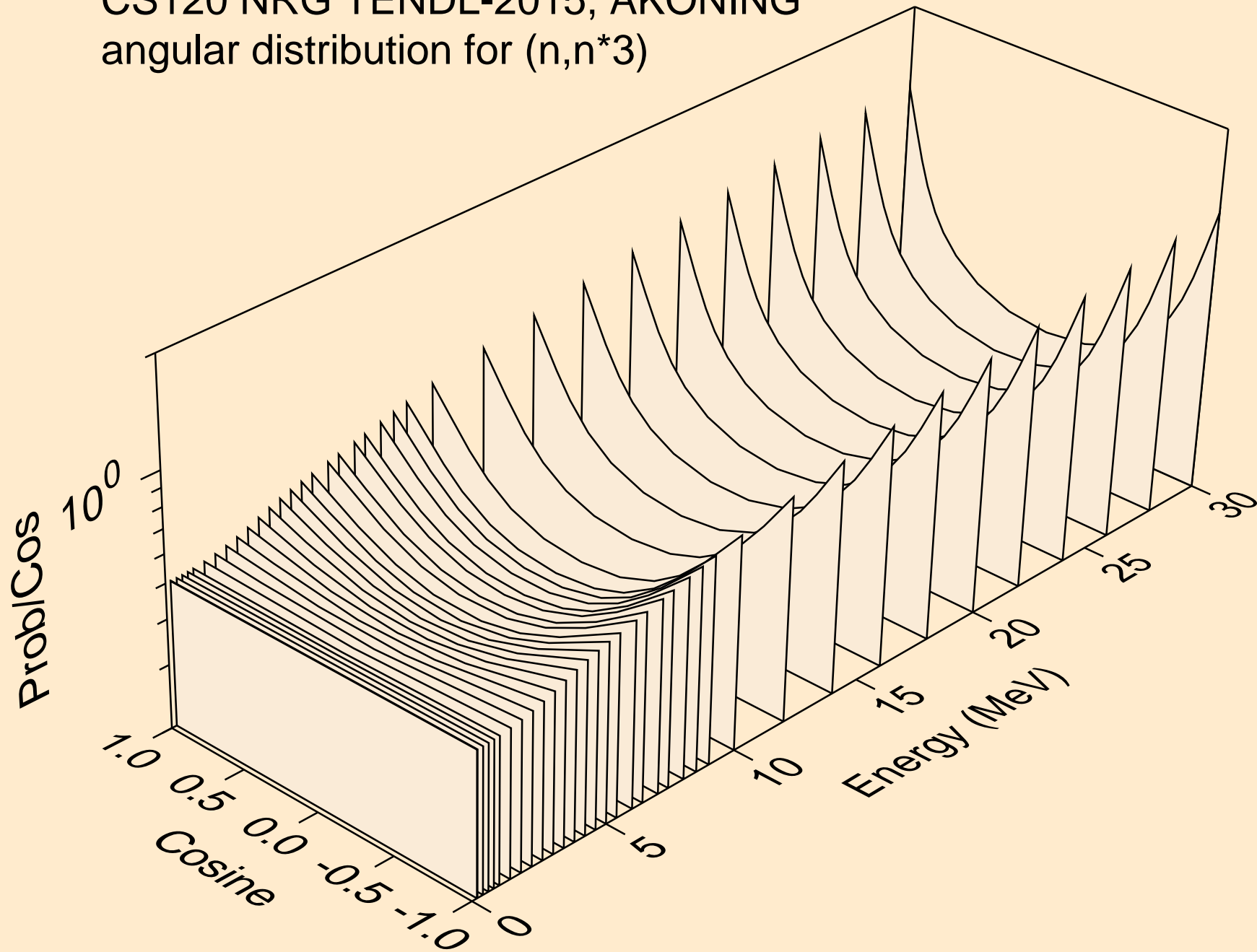
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



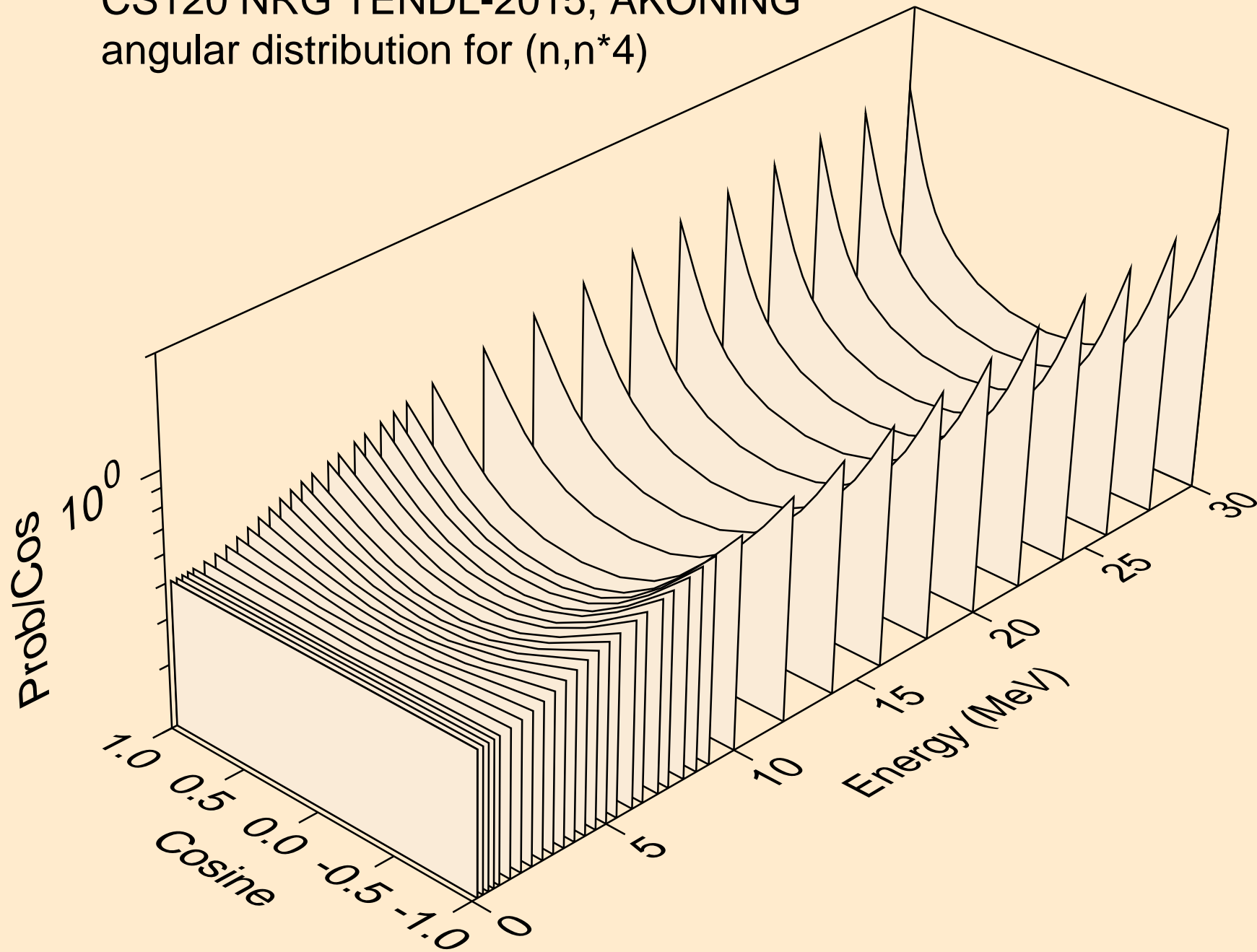
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



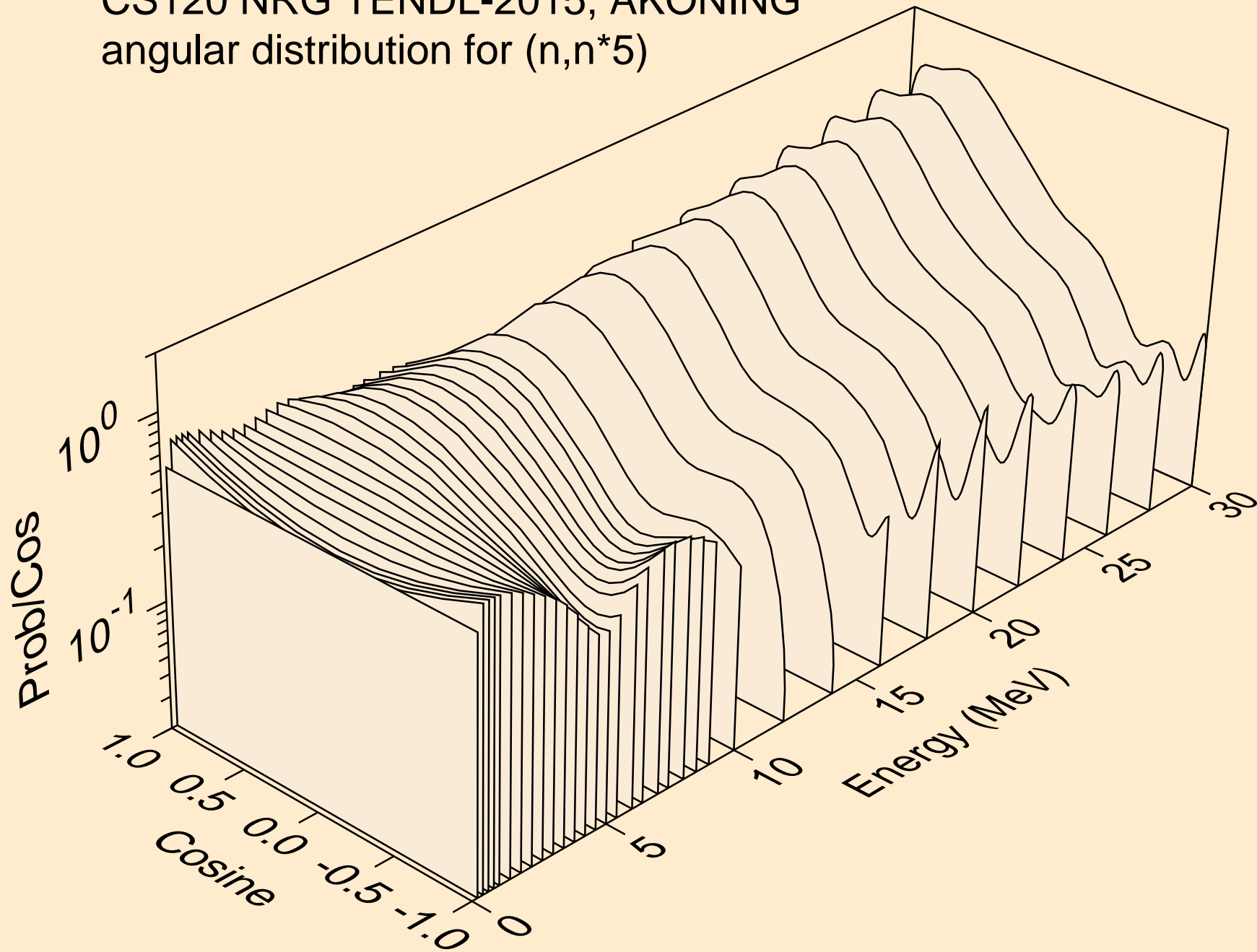
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



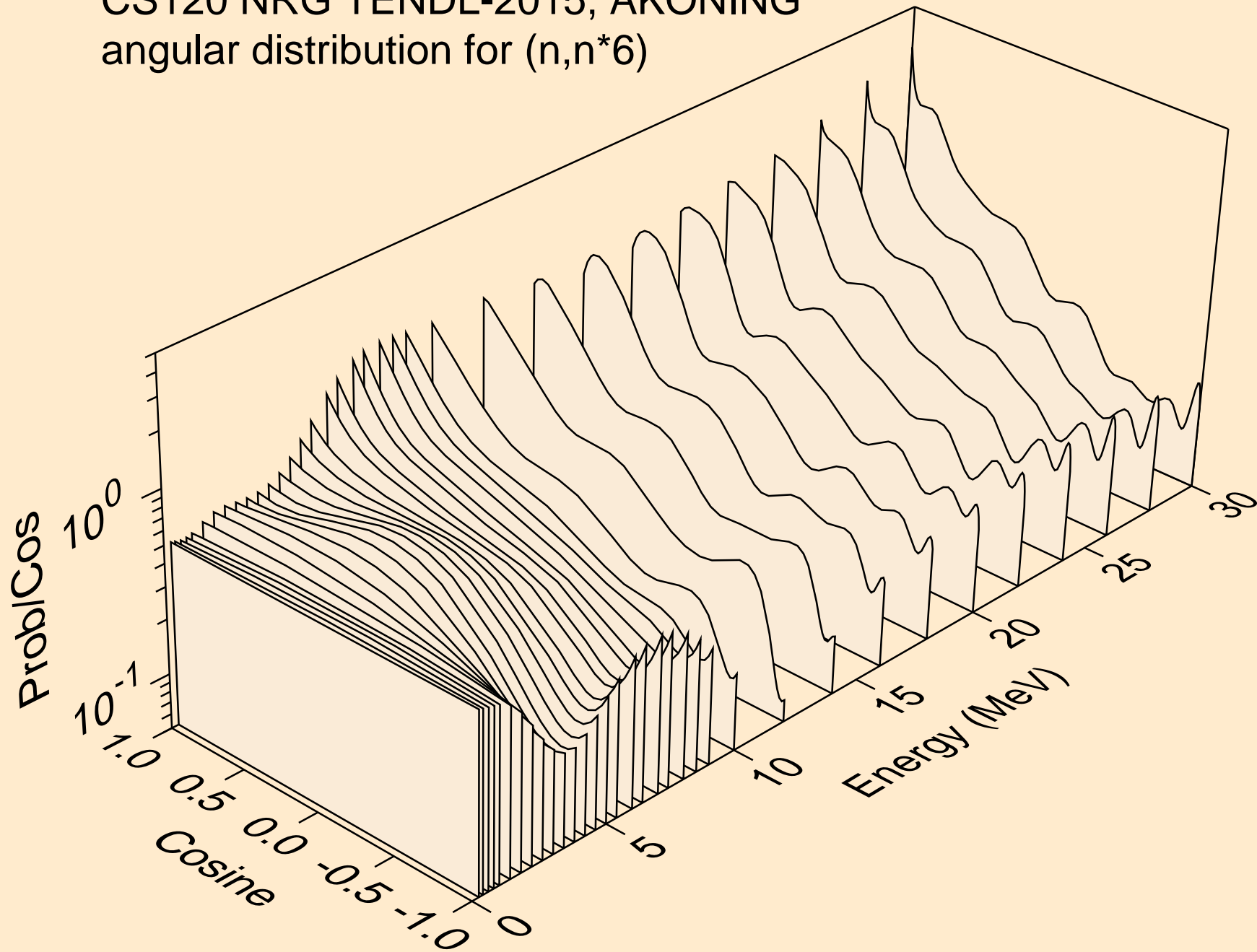
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



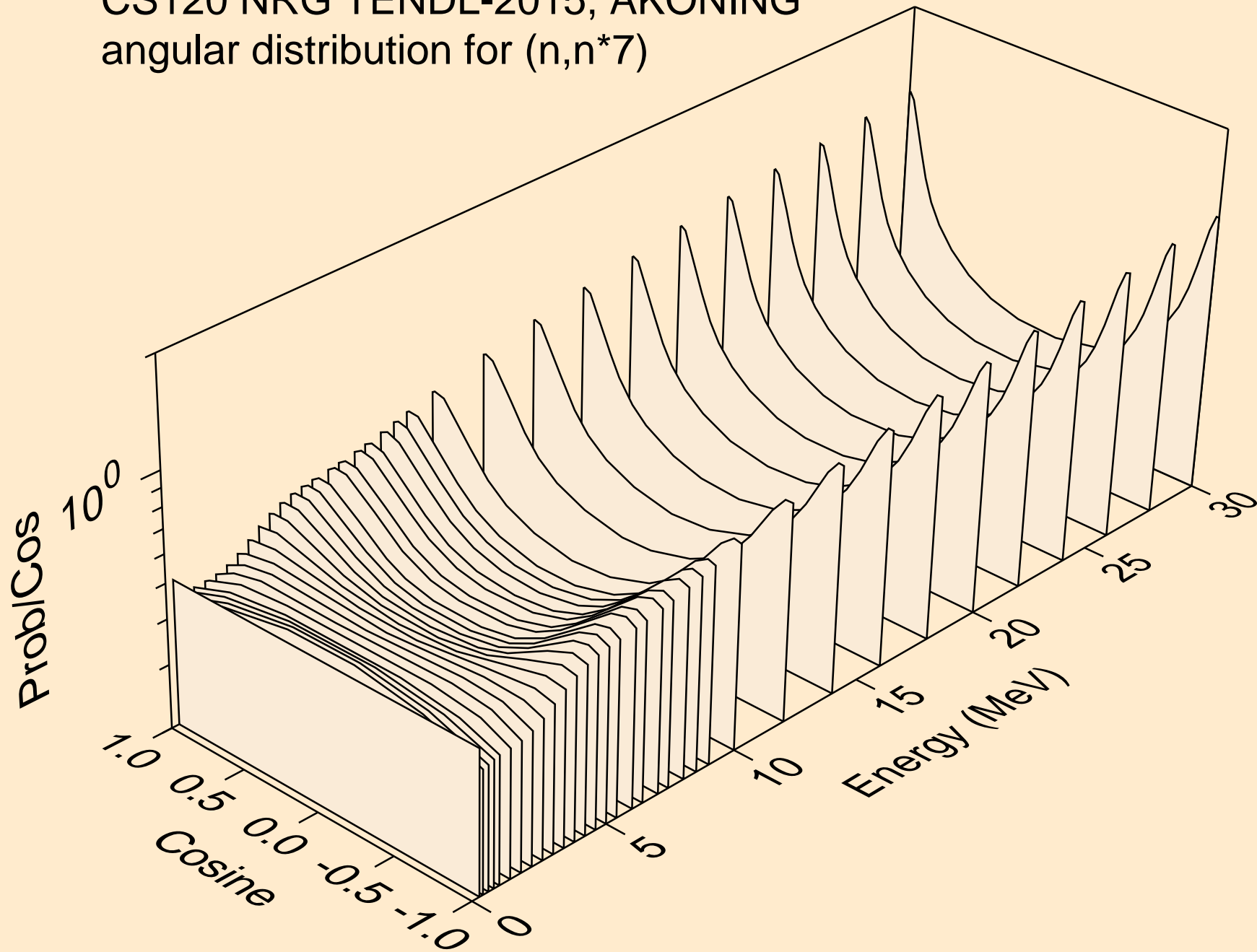
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

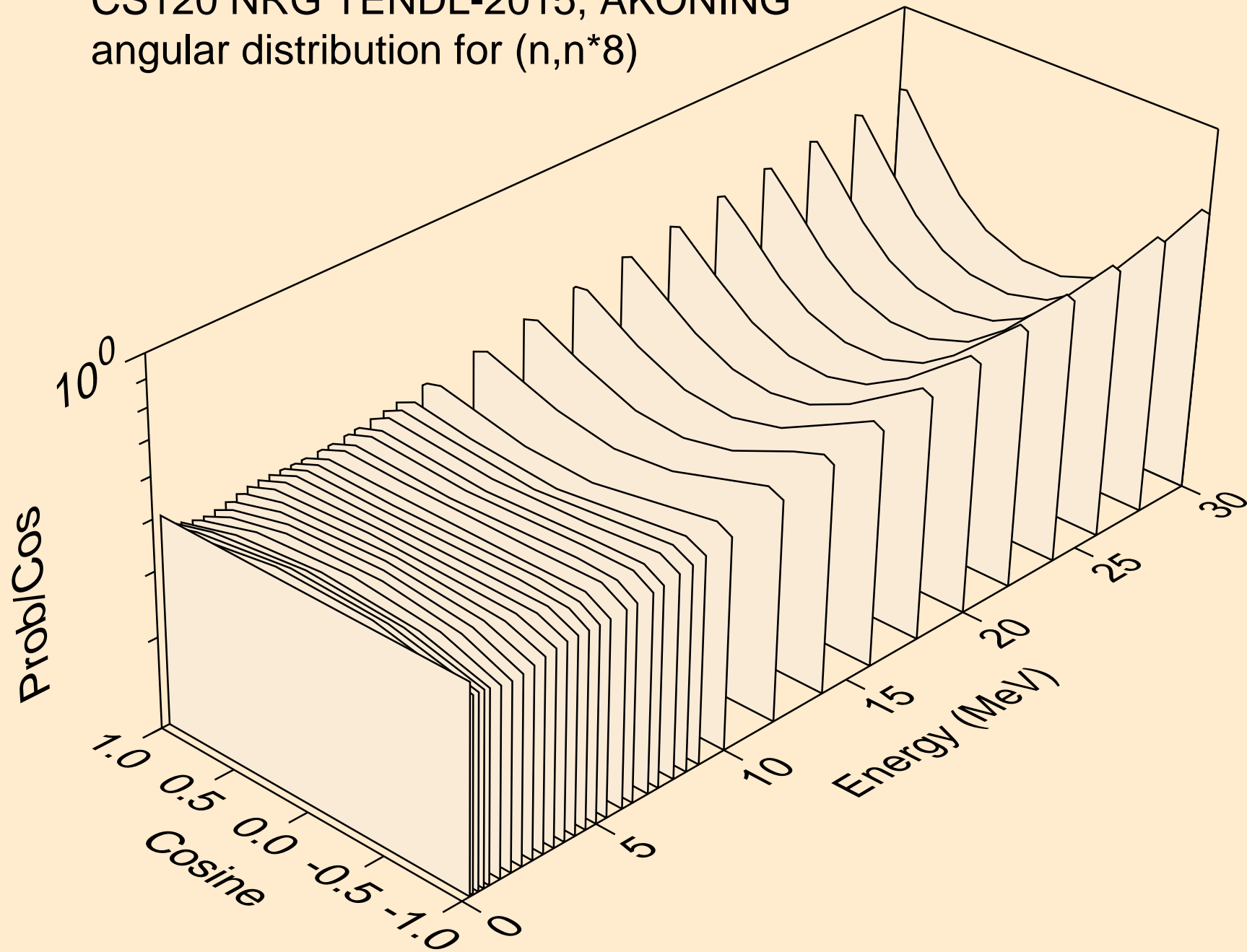


CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

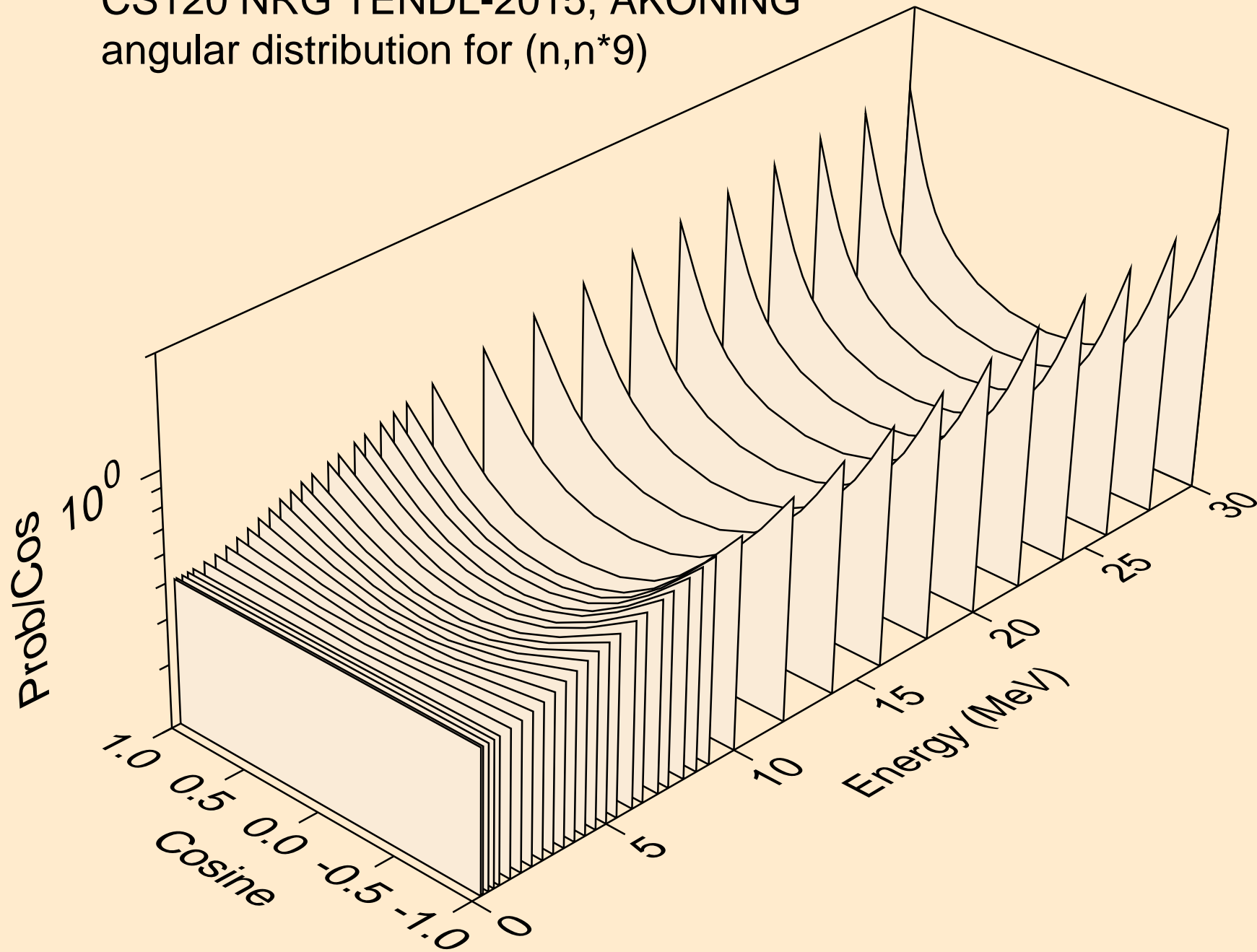




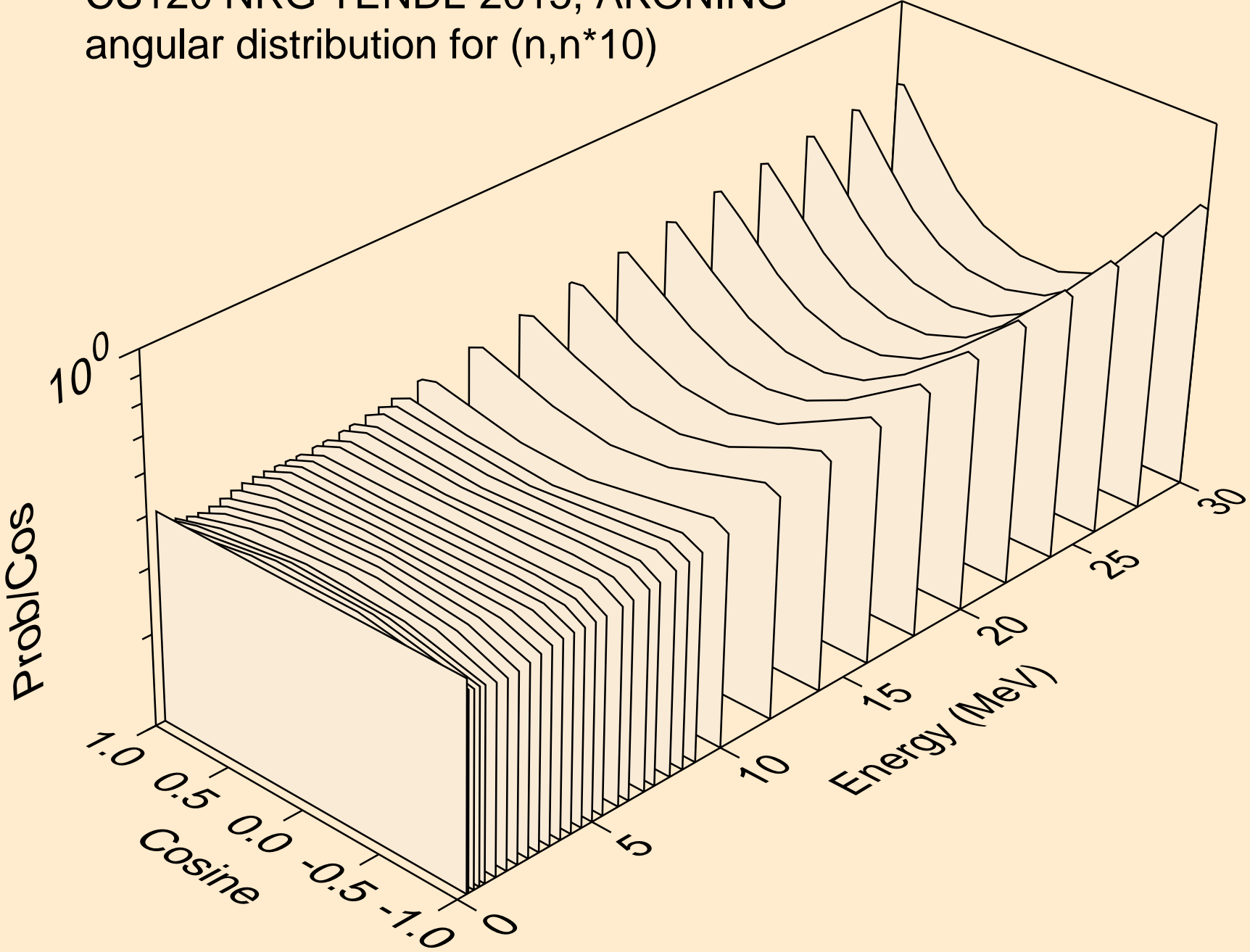
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



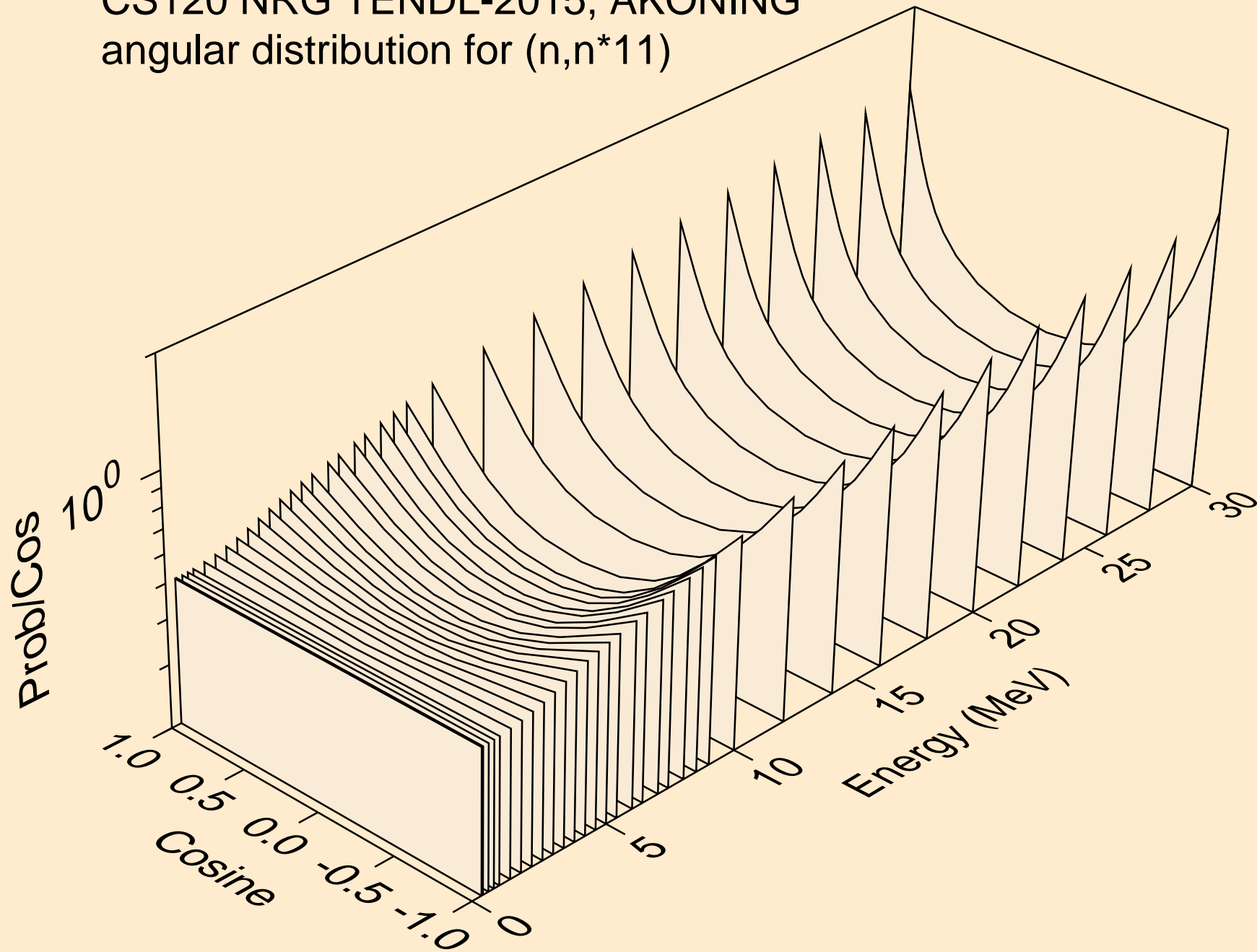
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



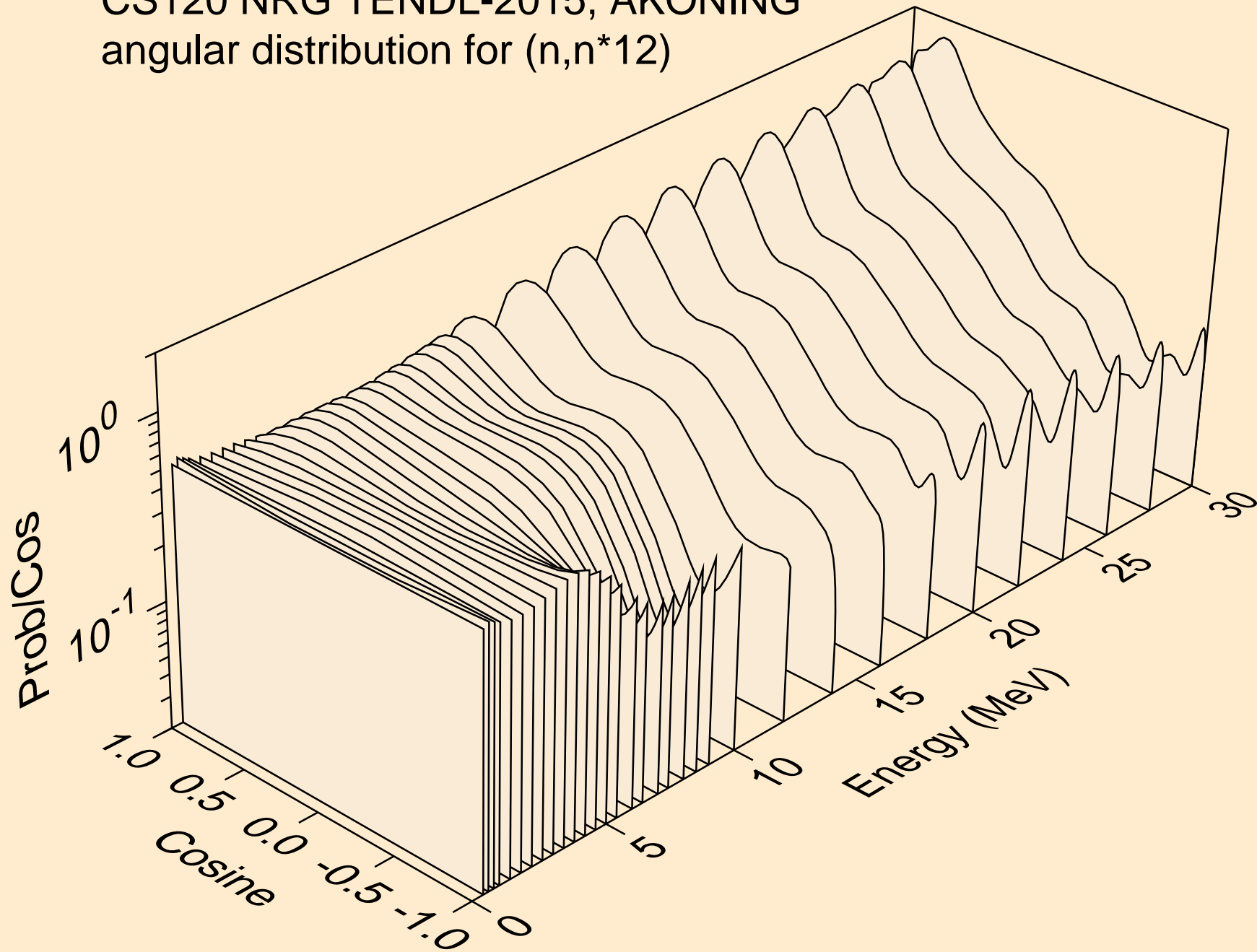
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



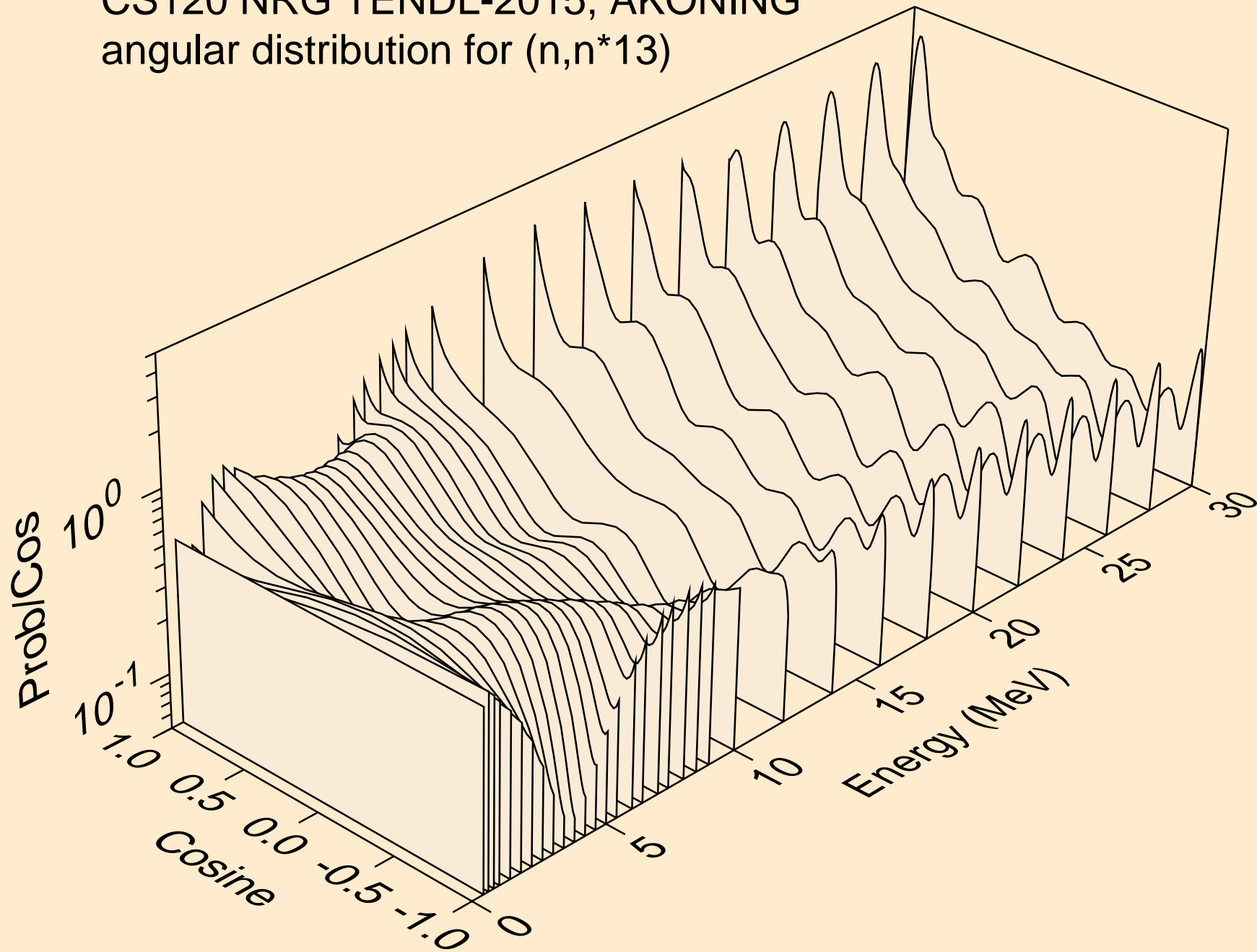
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



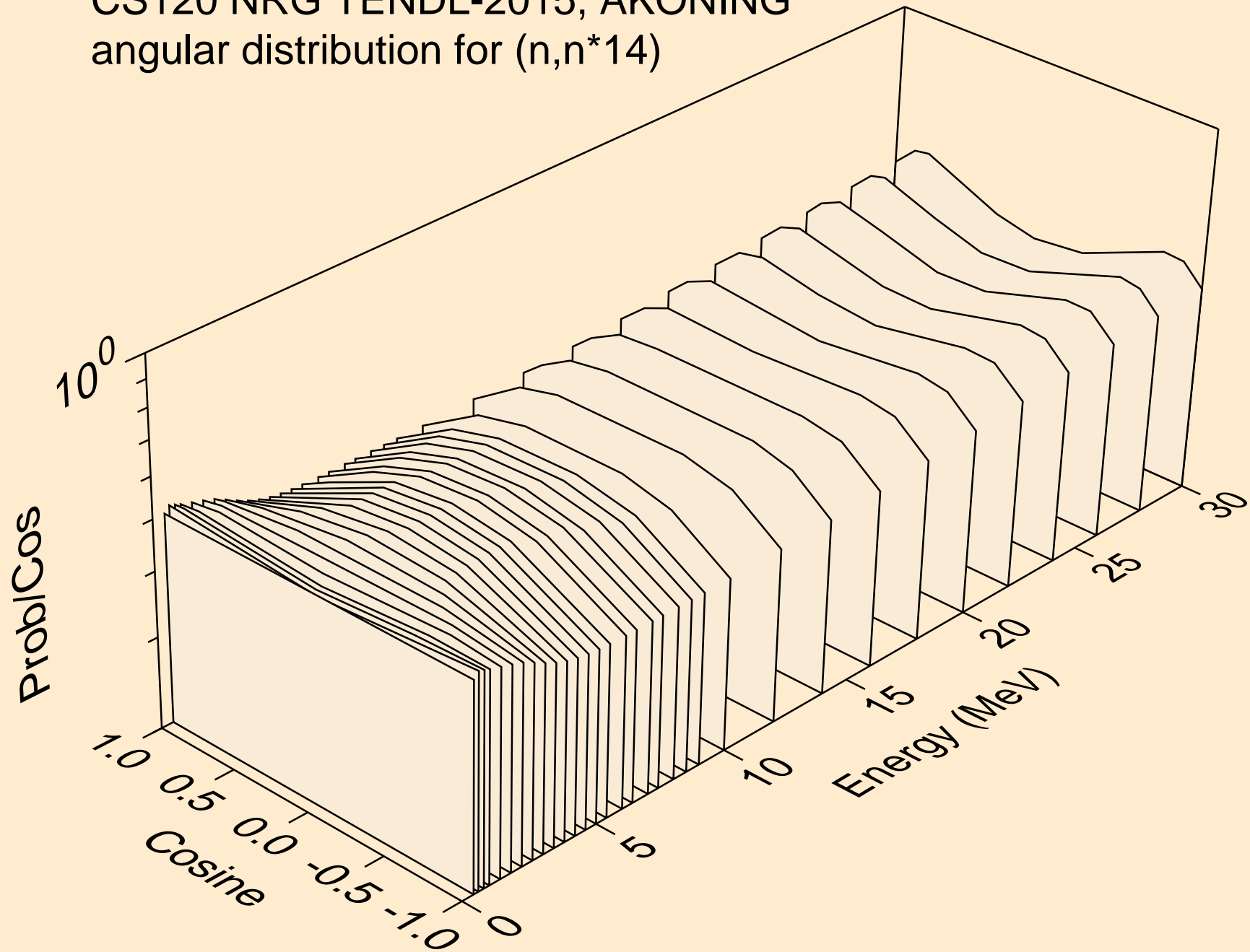
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



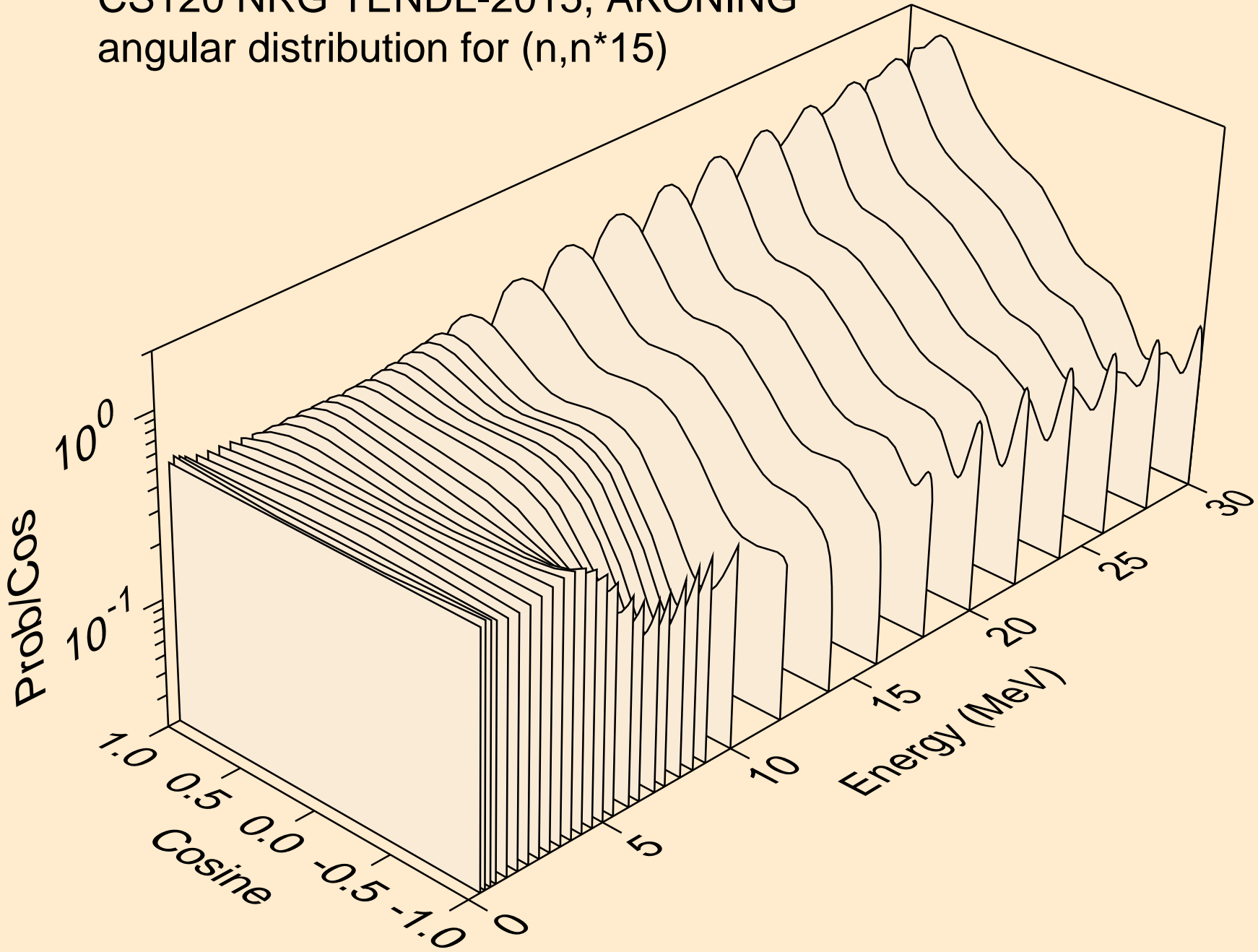
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

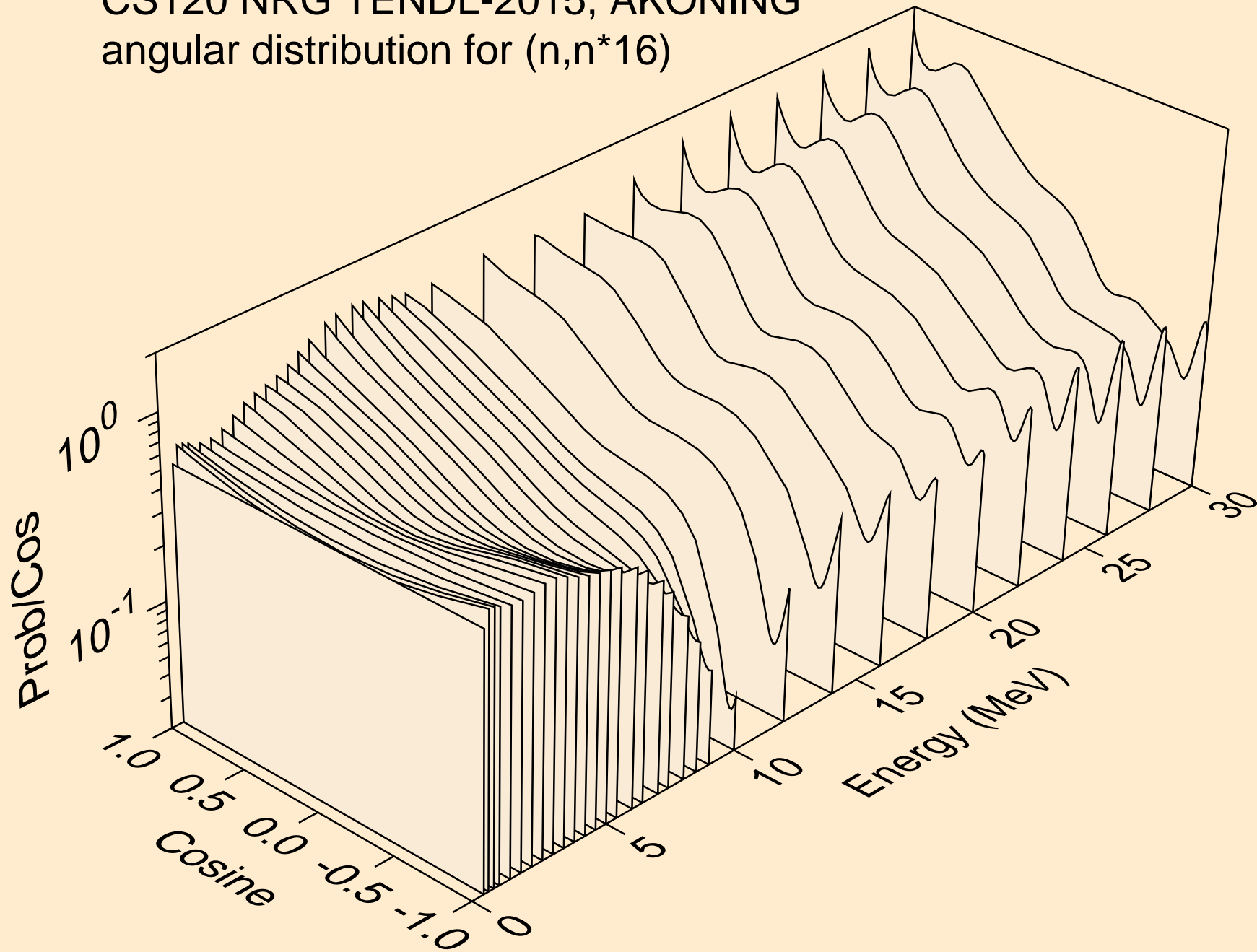


CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

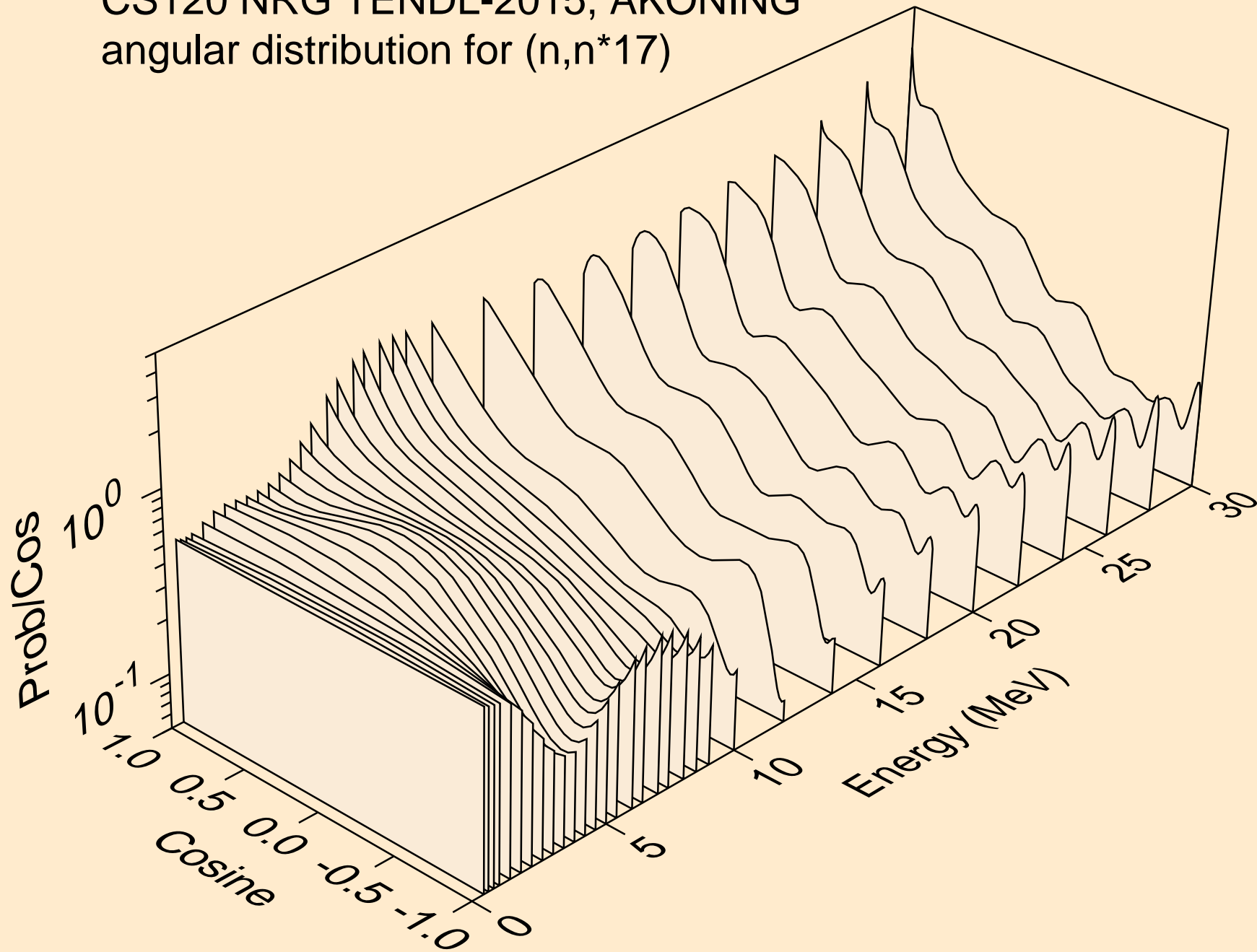




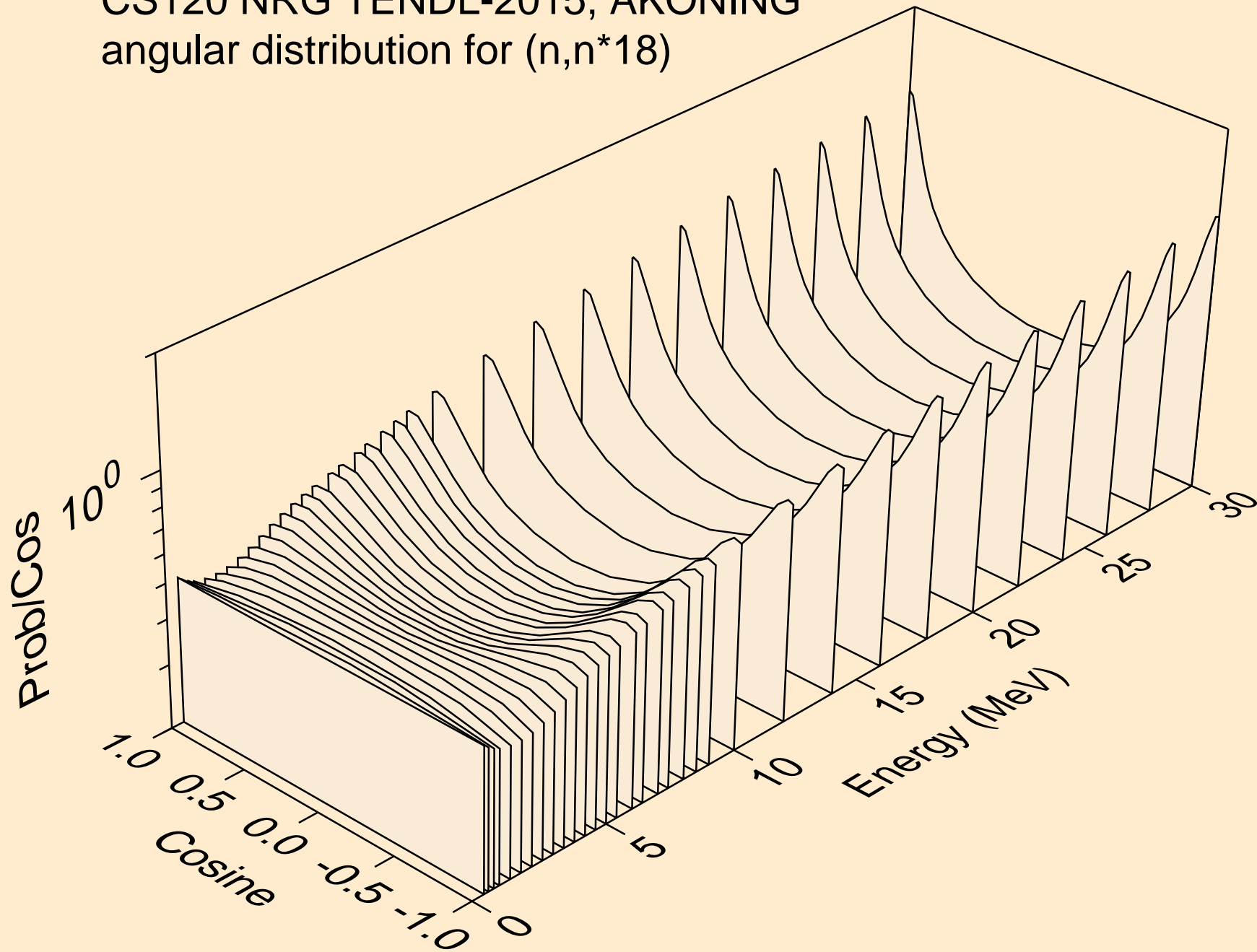
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



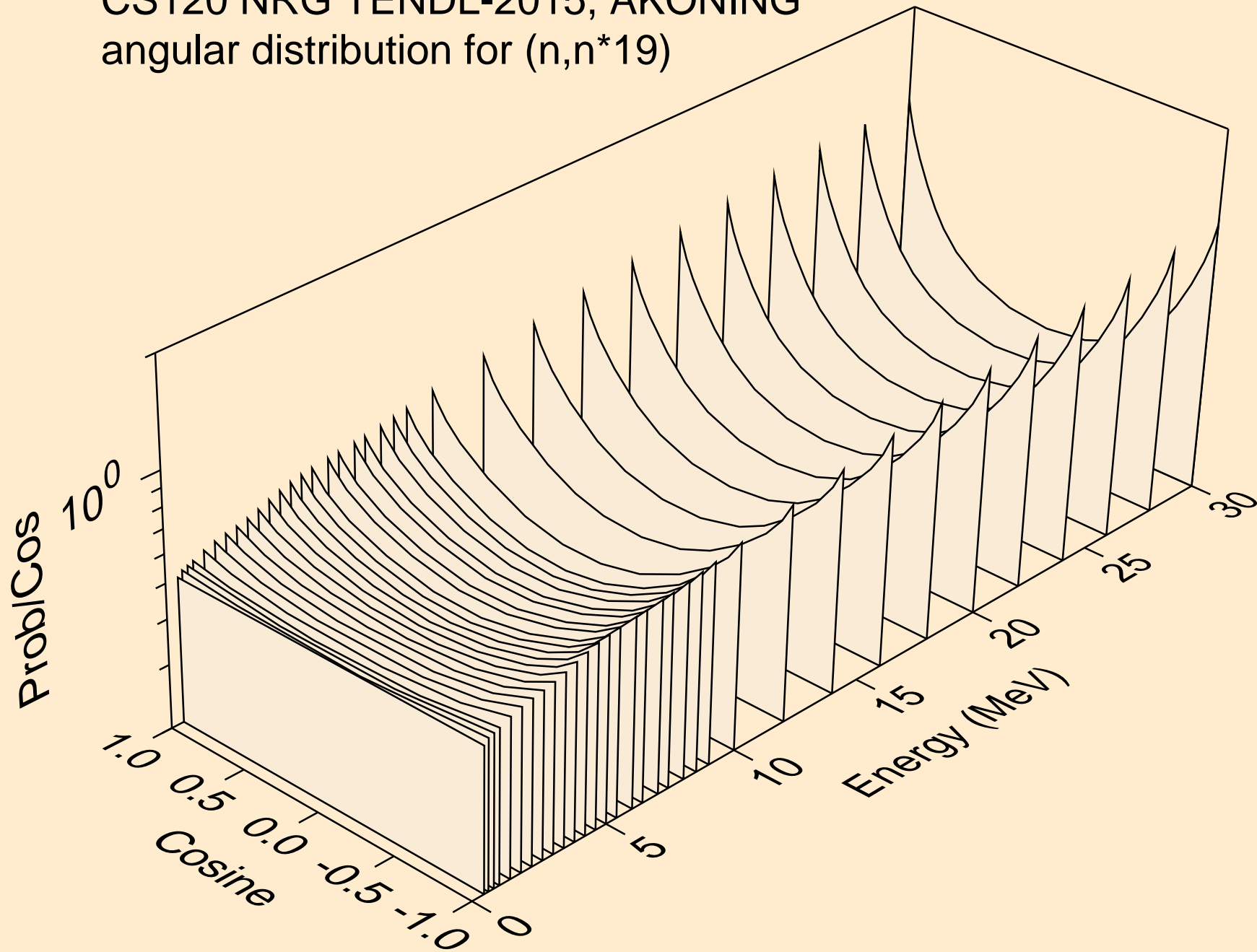
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angular distribution for (n,n\*17)



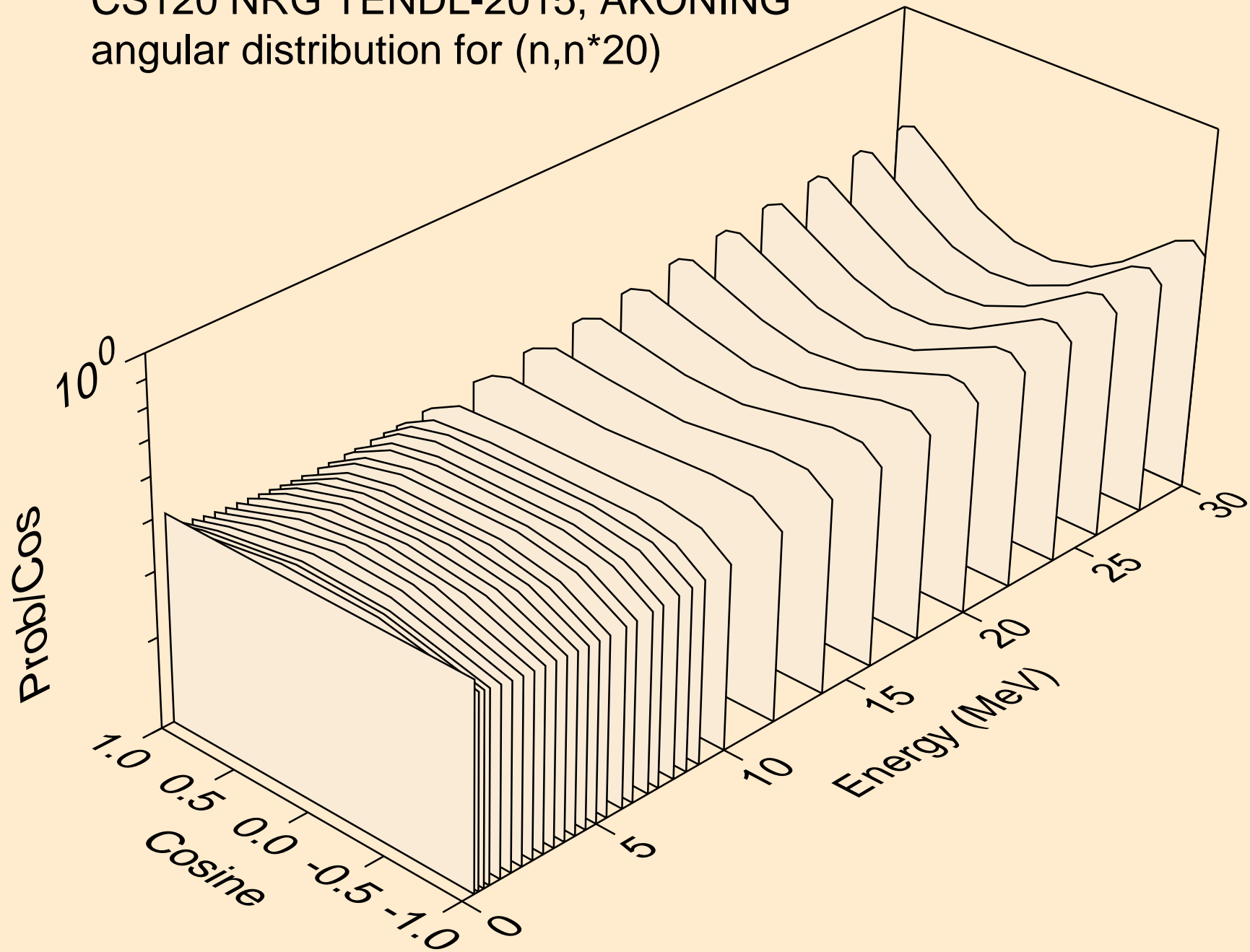
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



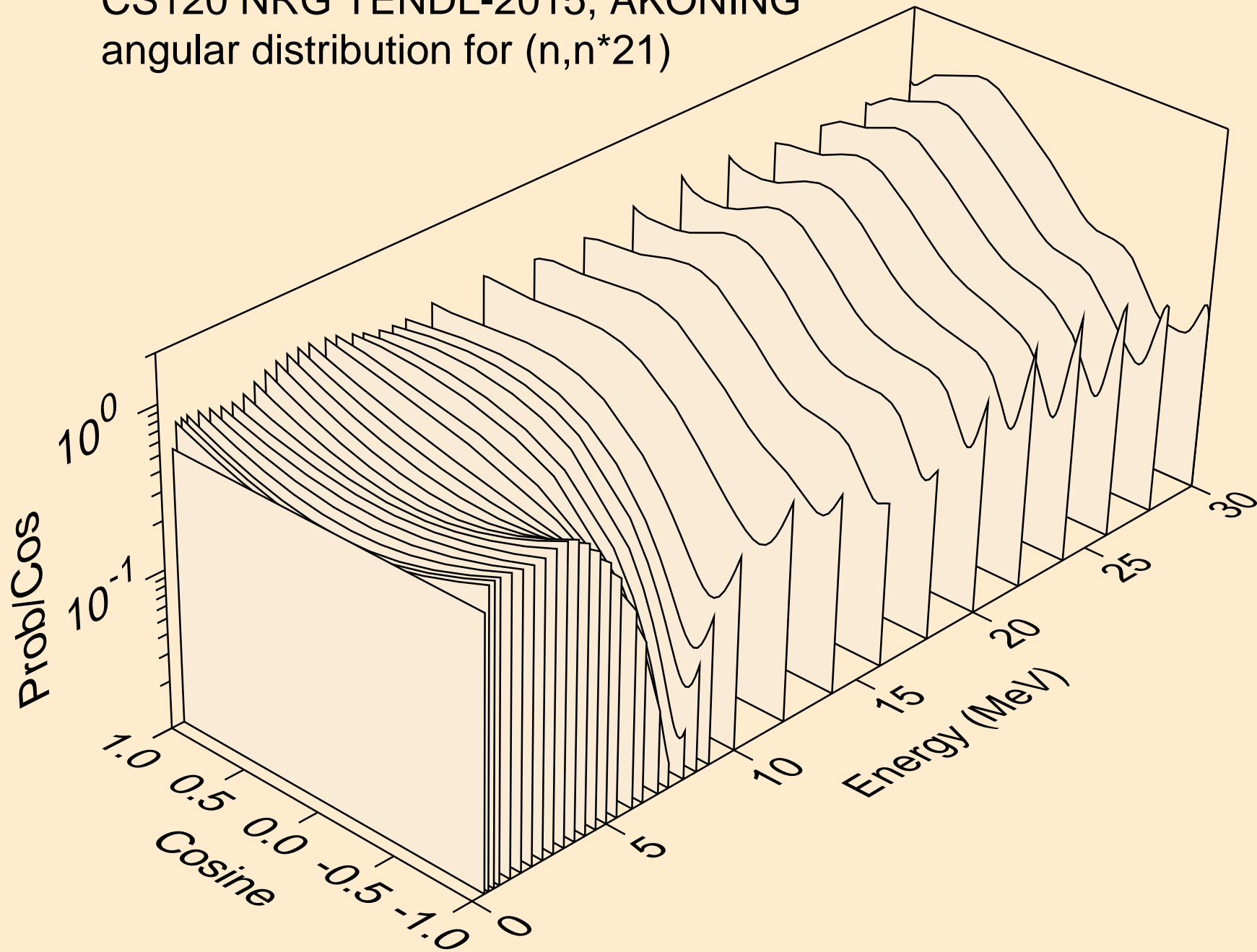
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



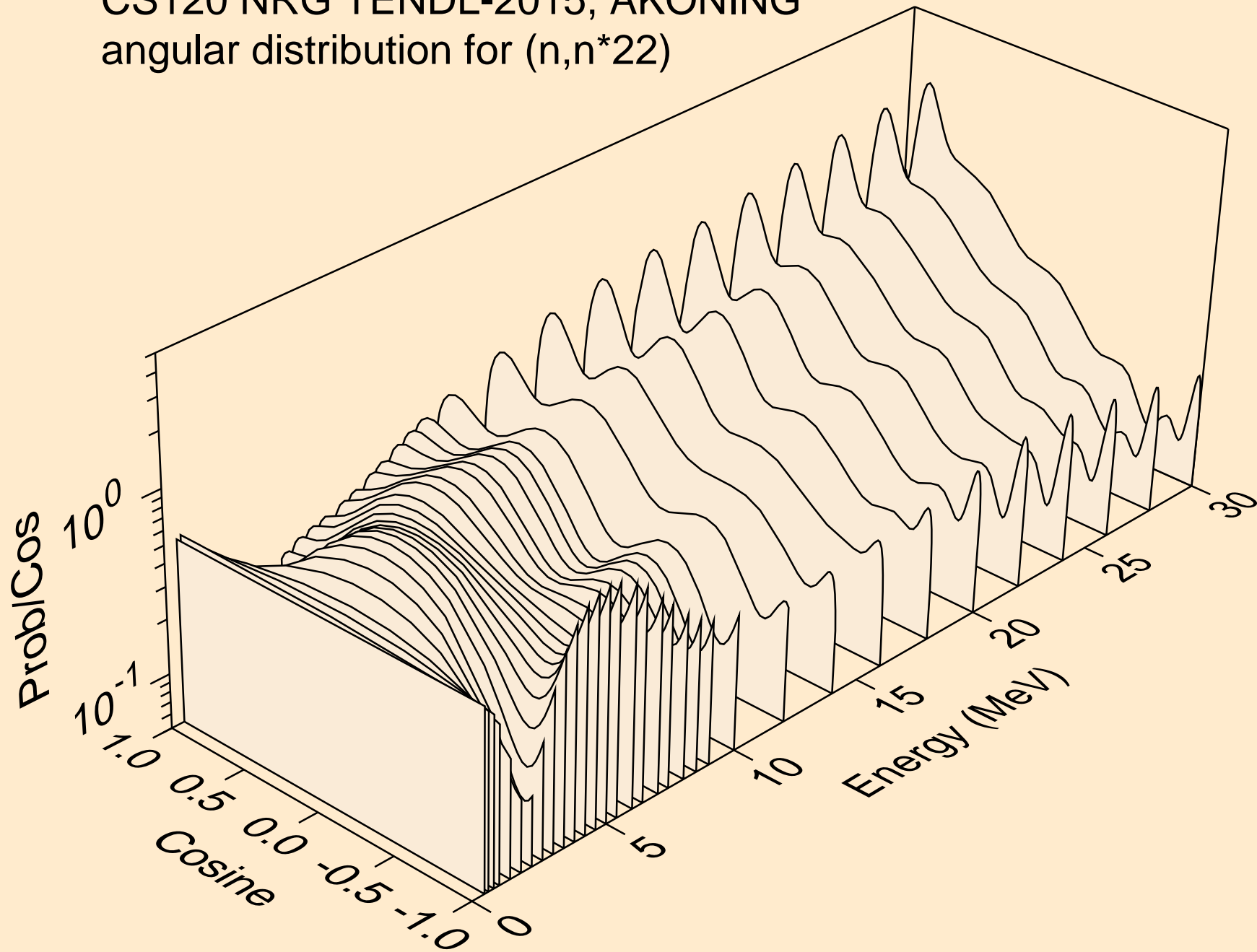
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



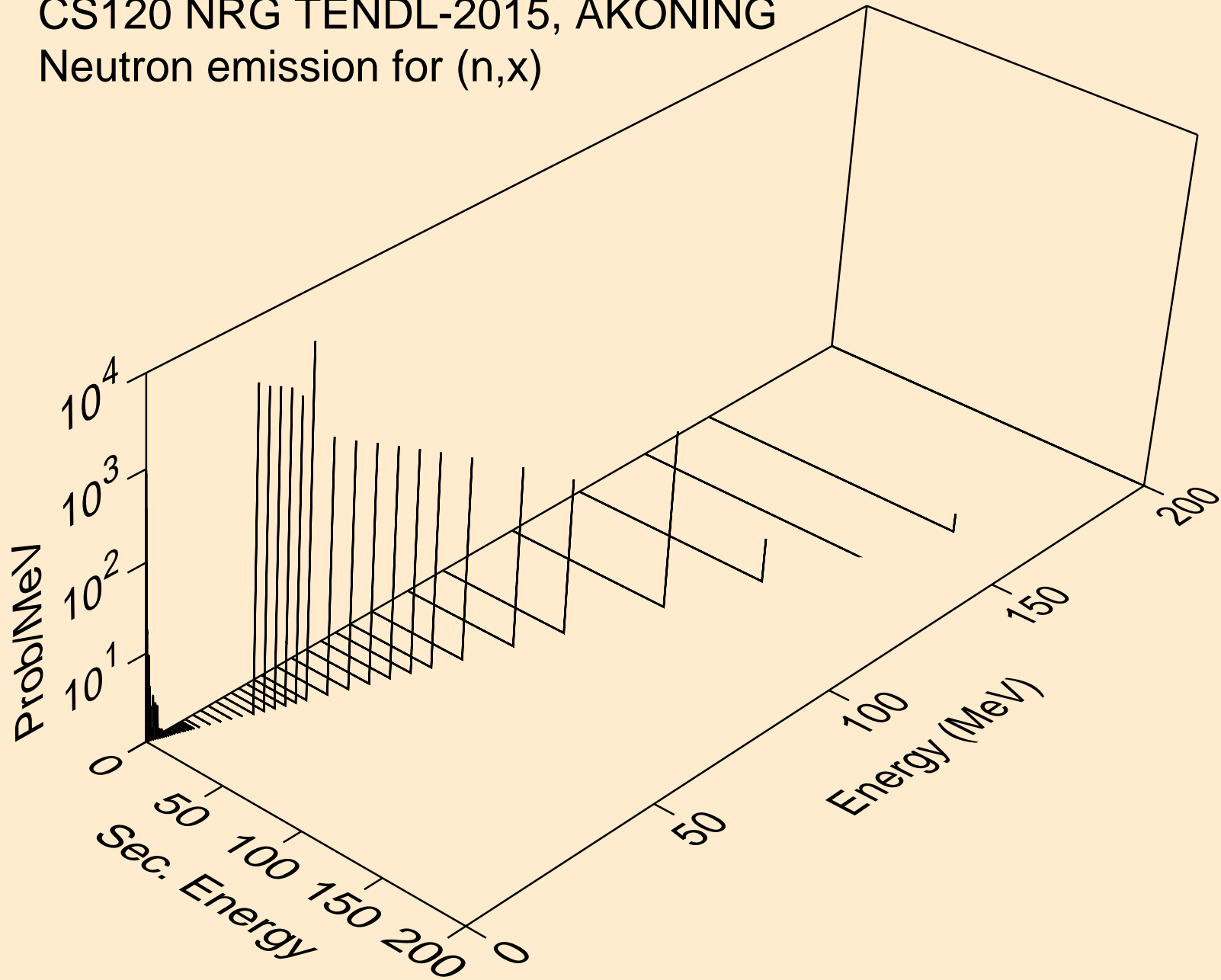
CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



CS120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

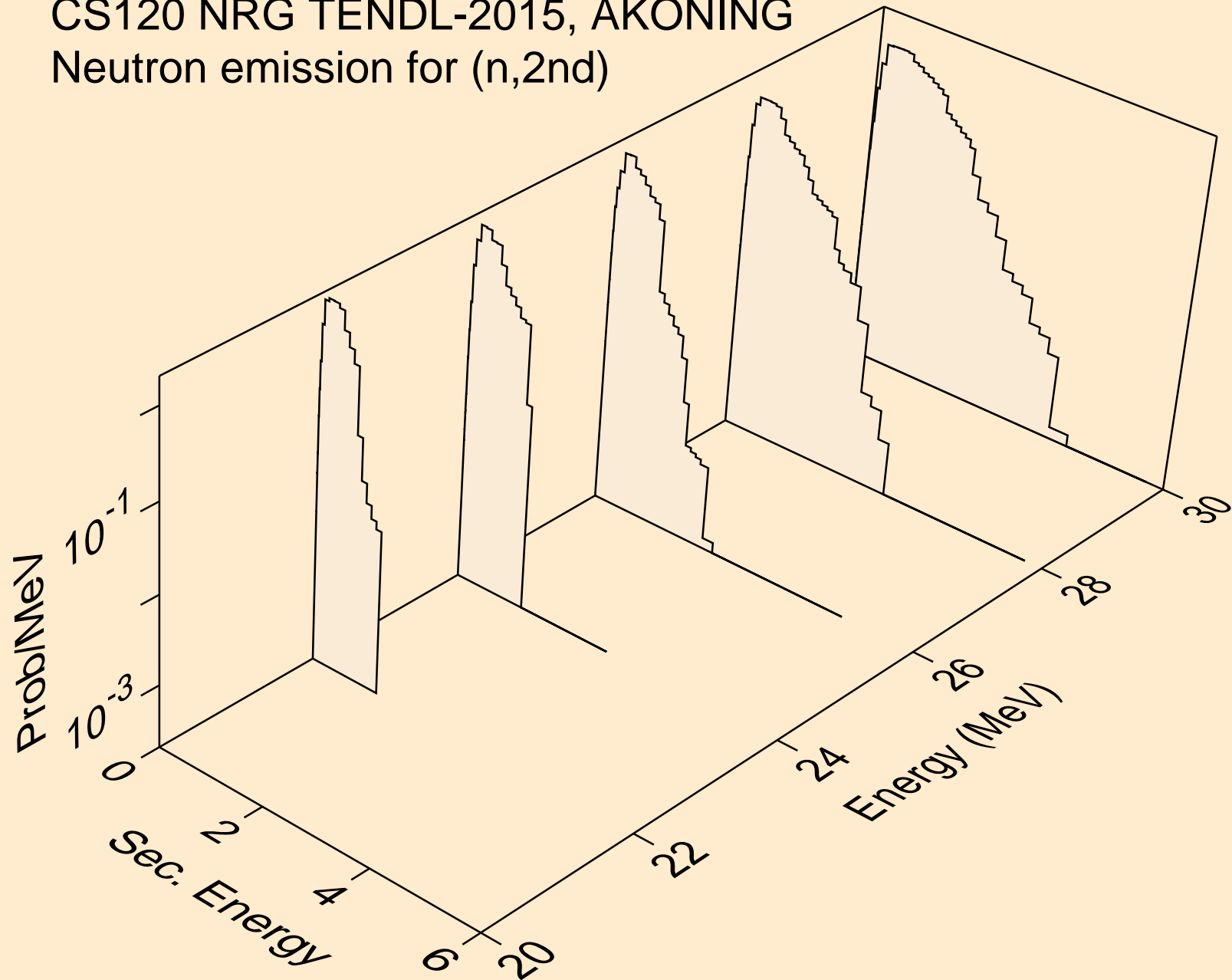


CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

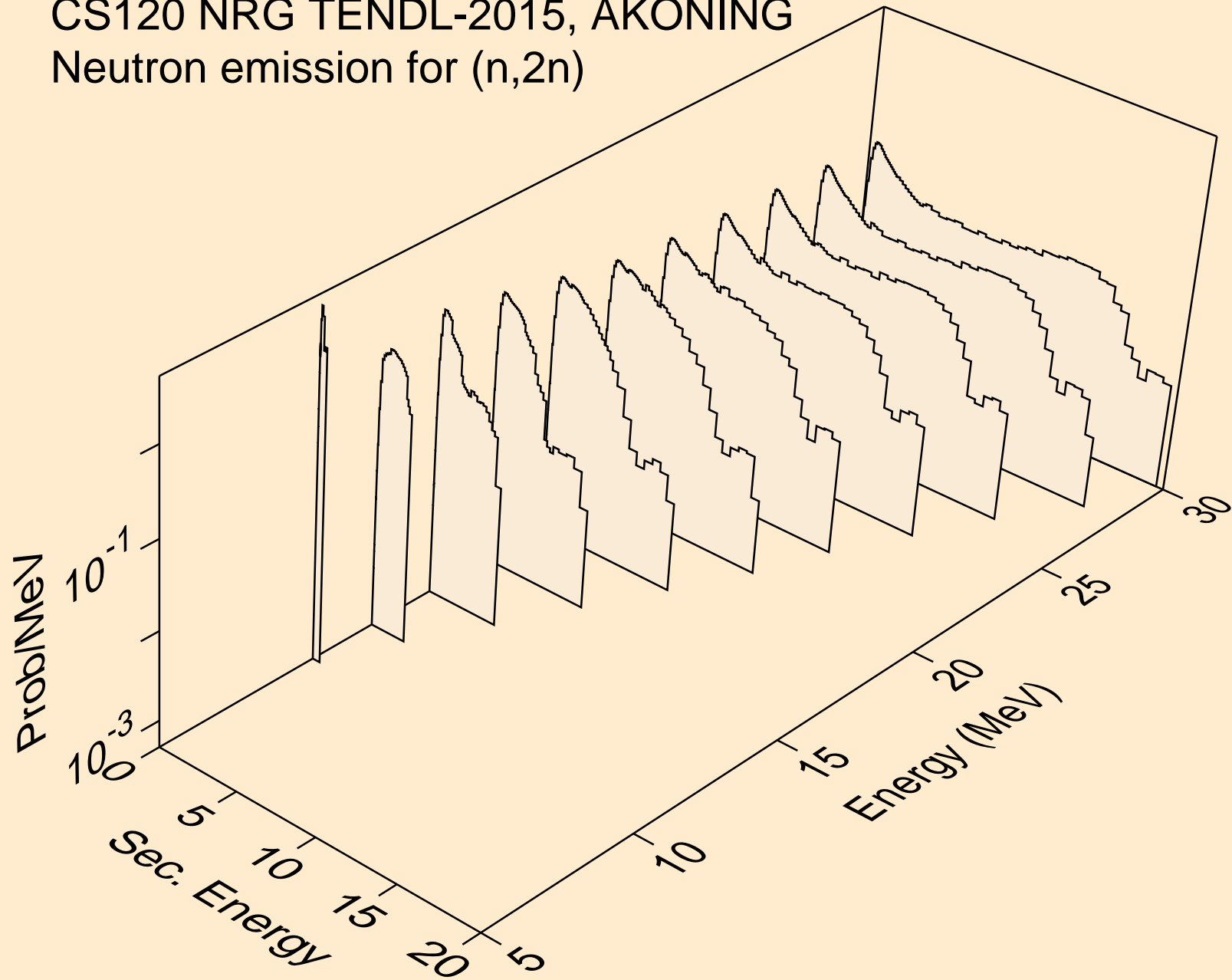




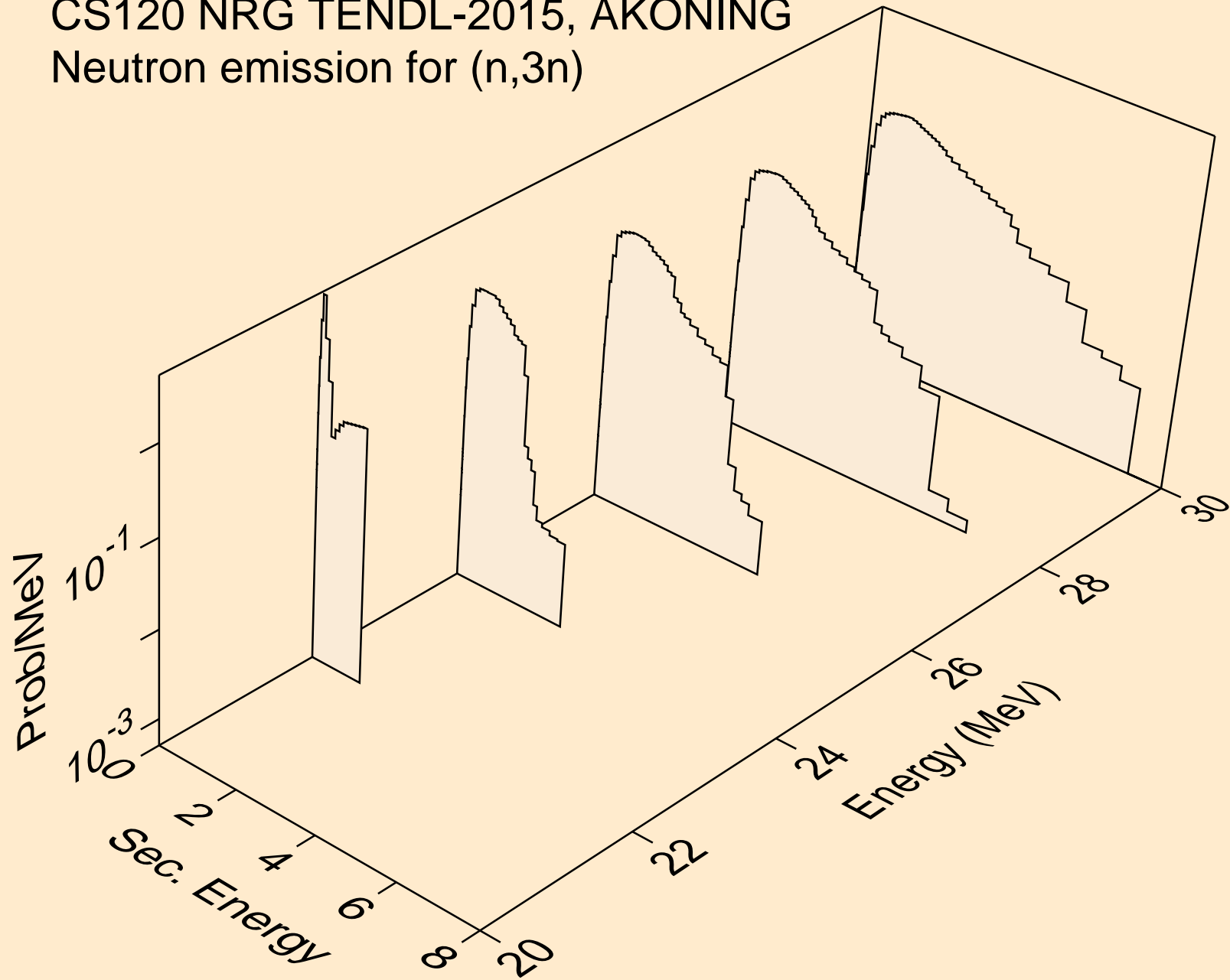
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



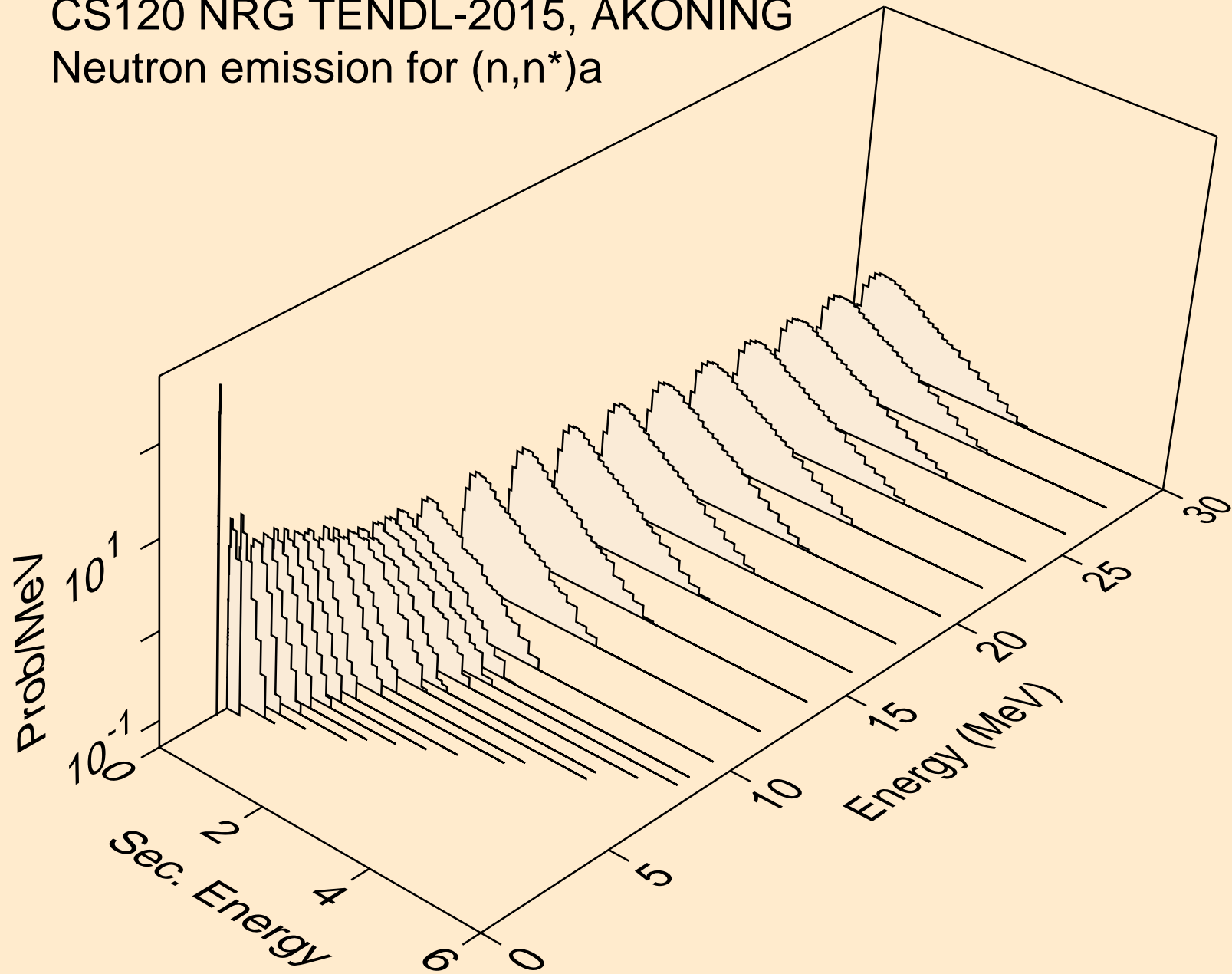
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



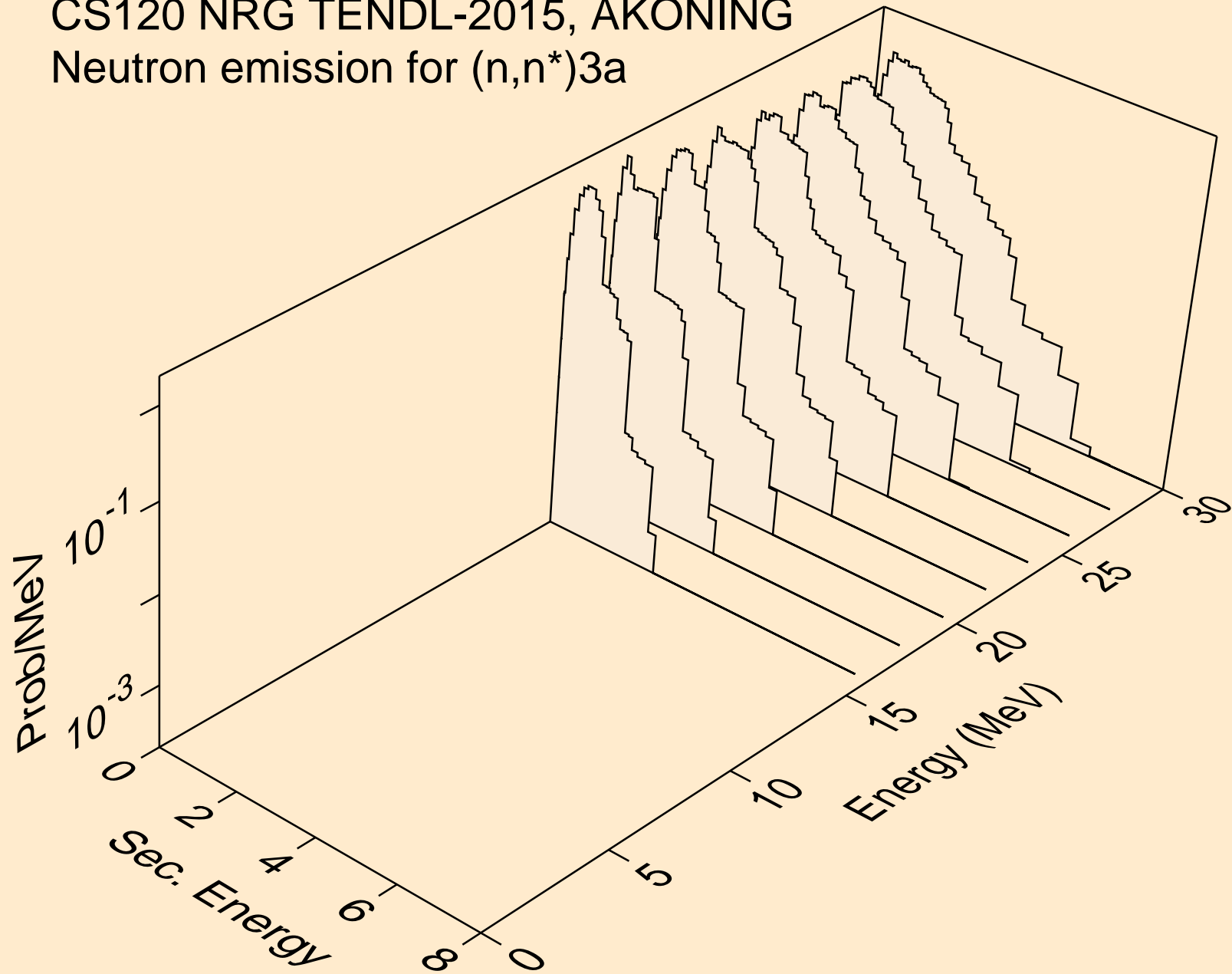
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



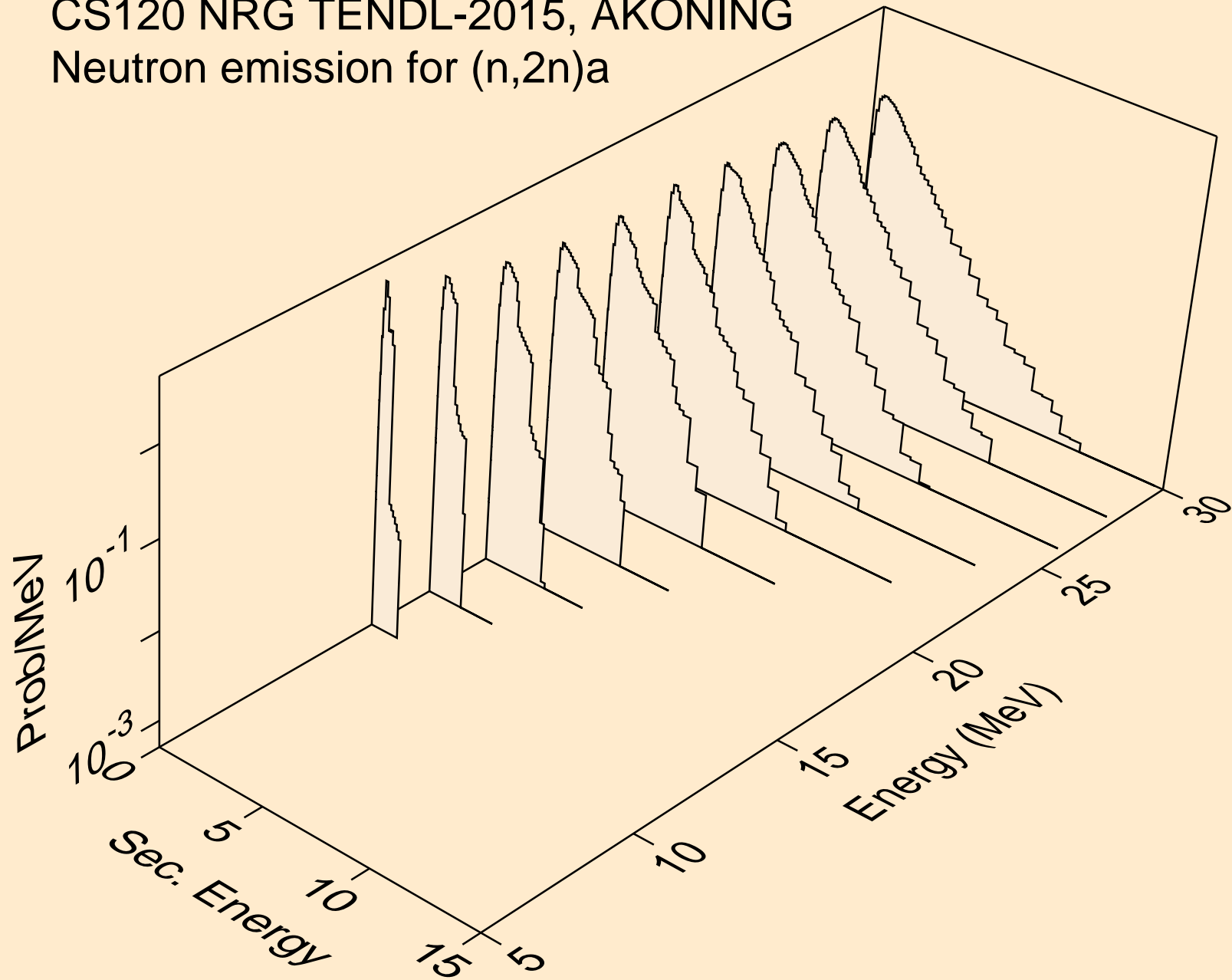
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



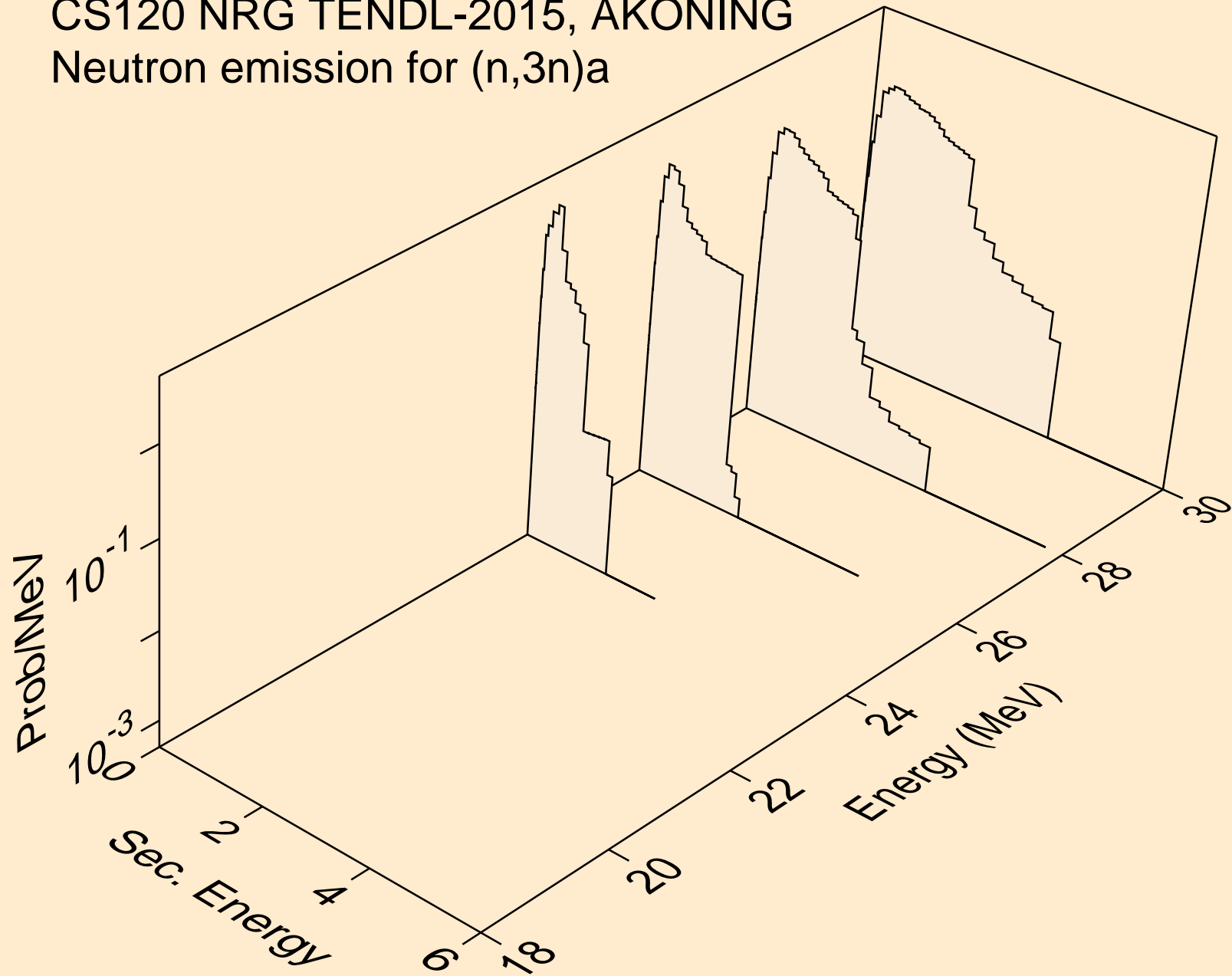
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



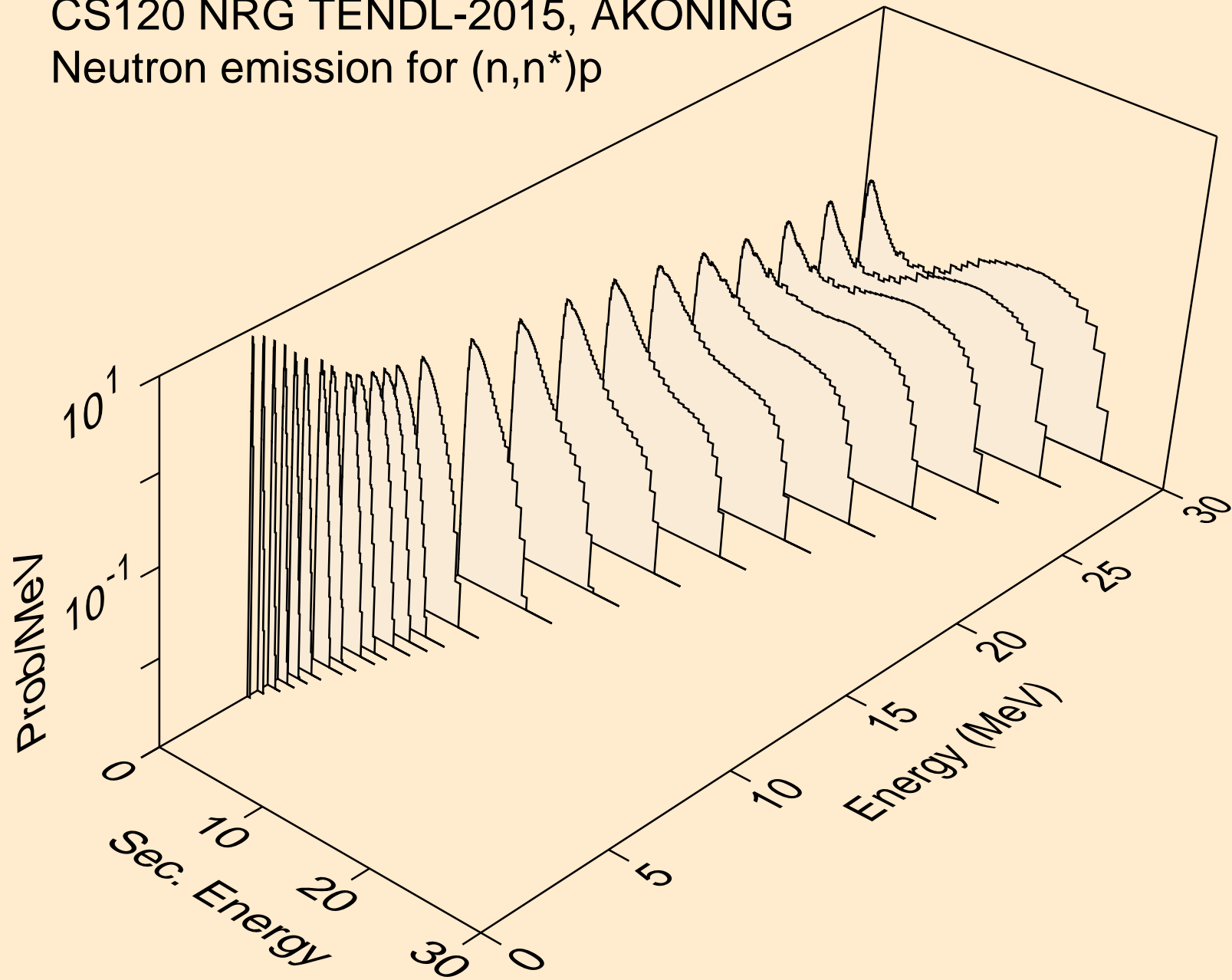
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)<sub>a</sub>

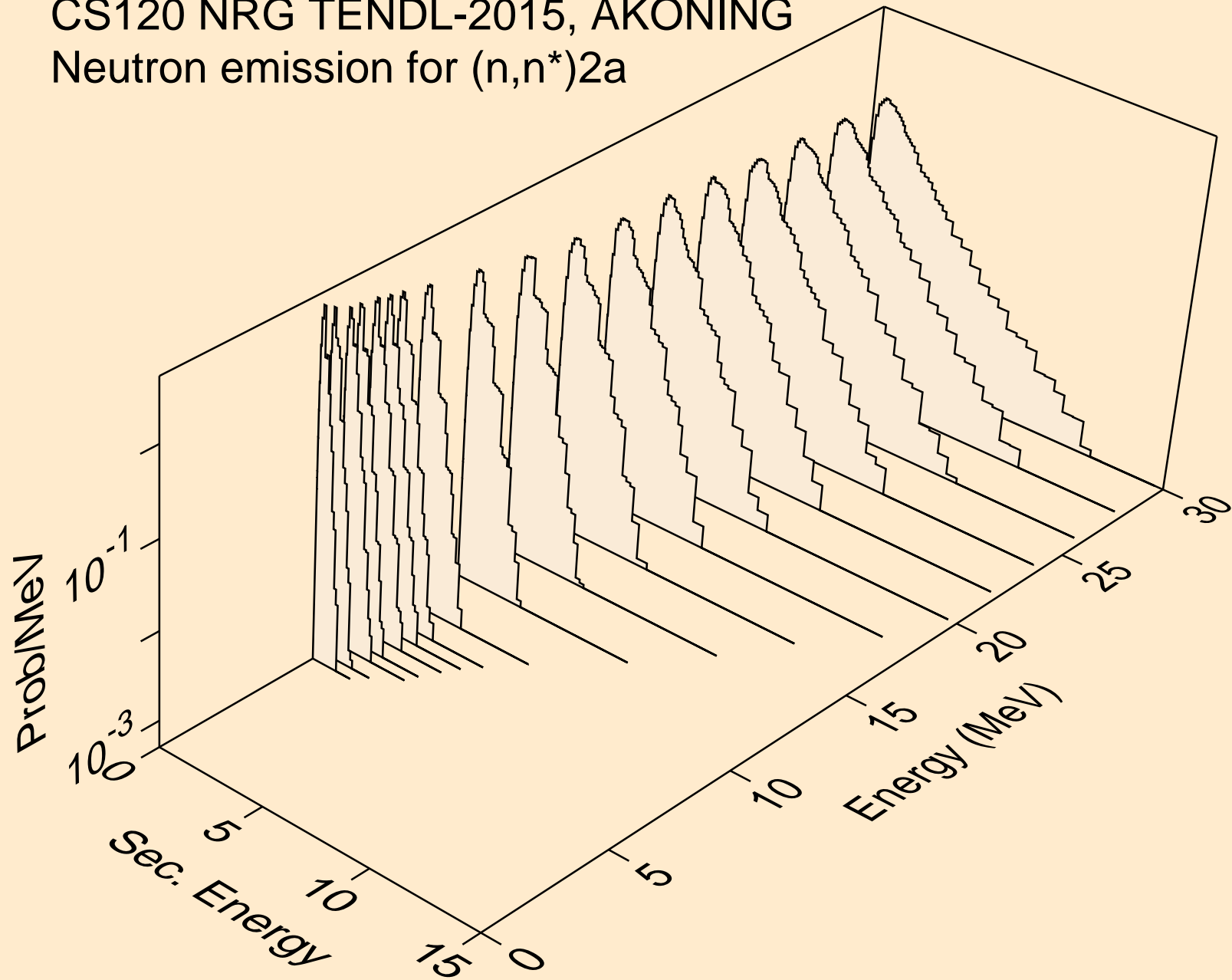


CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

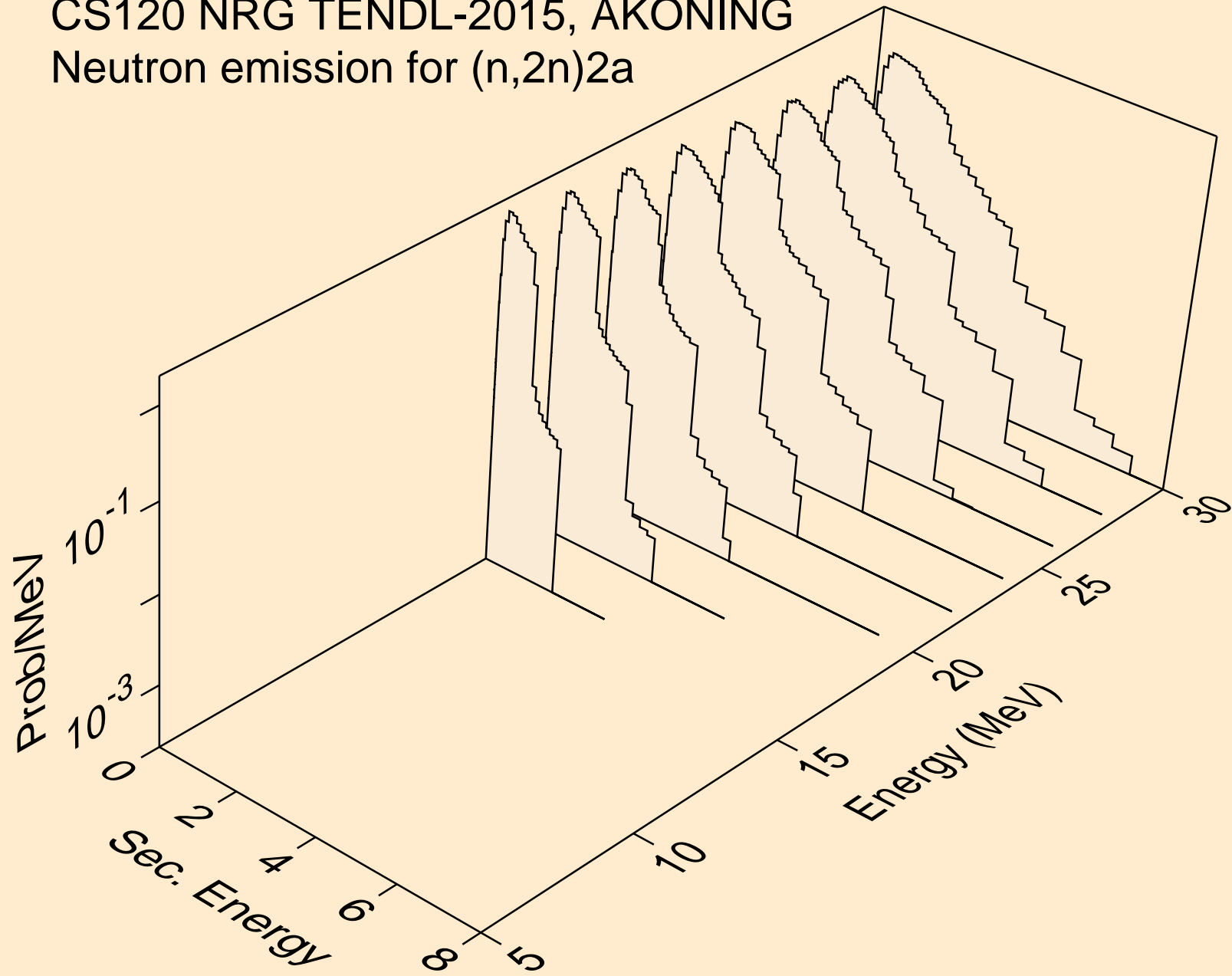




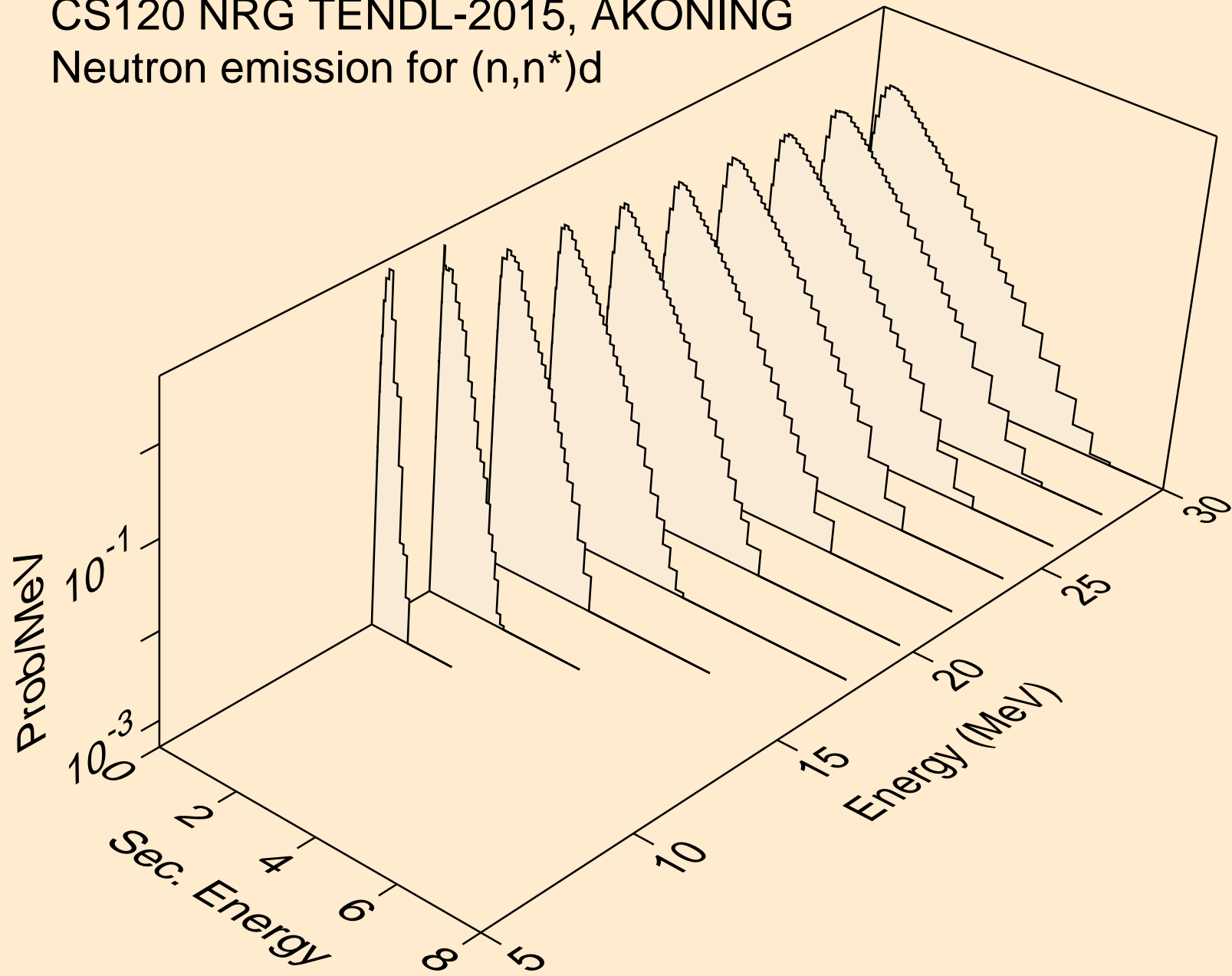
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



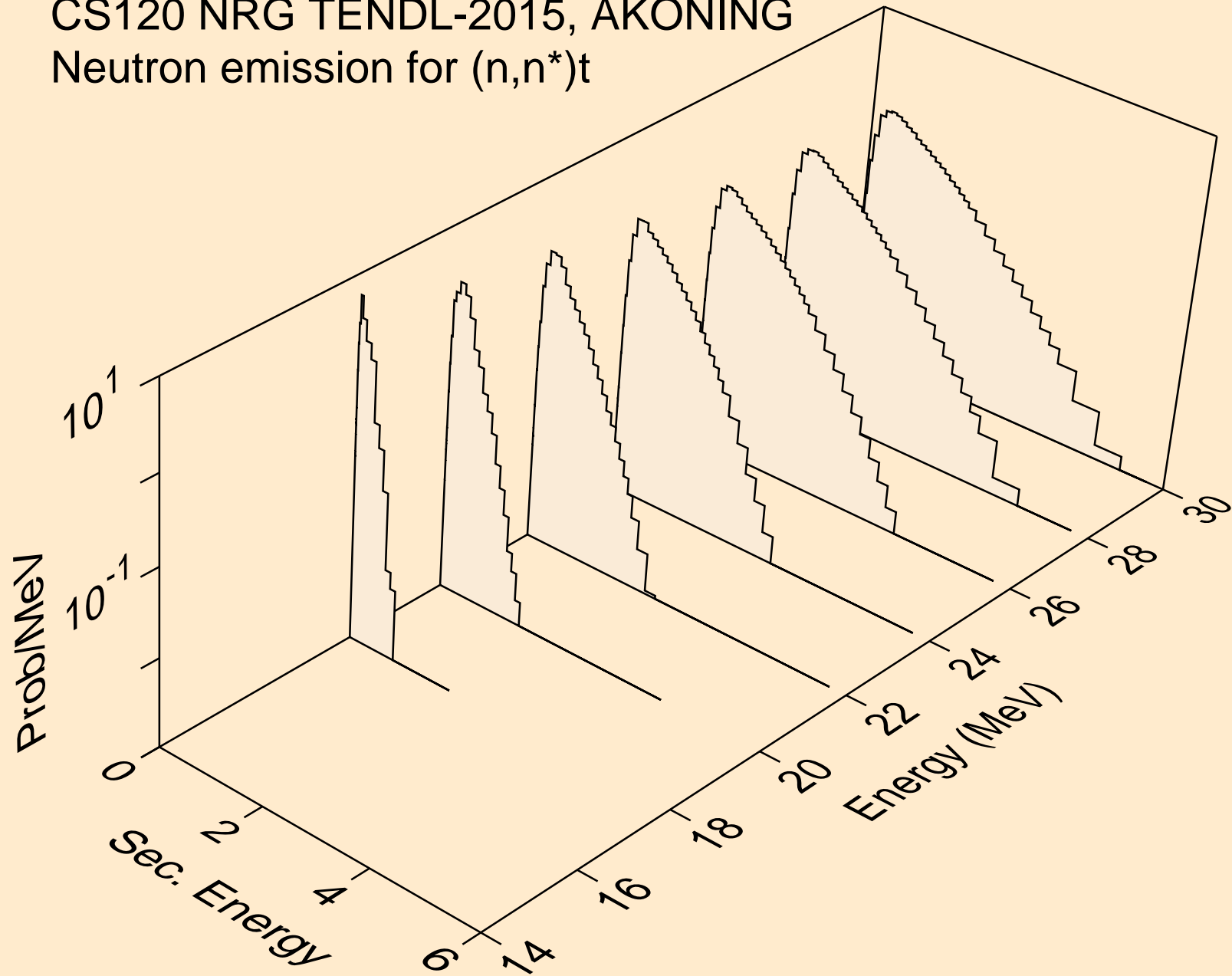
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



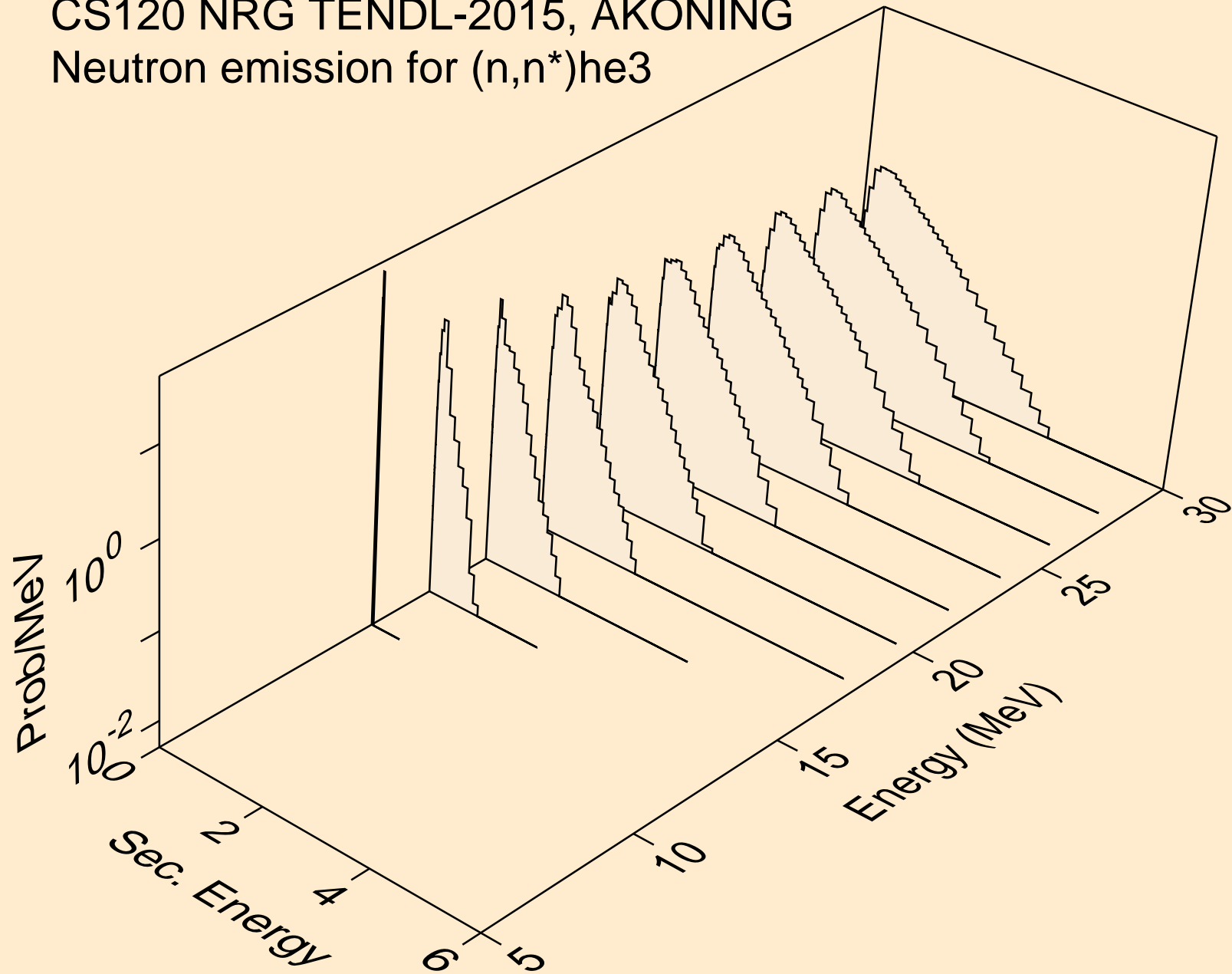
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



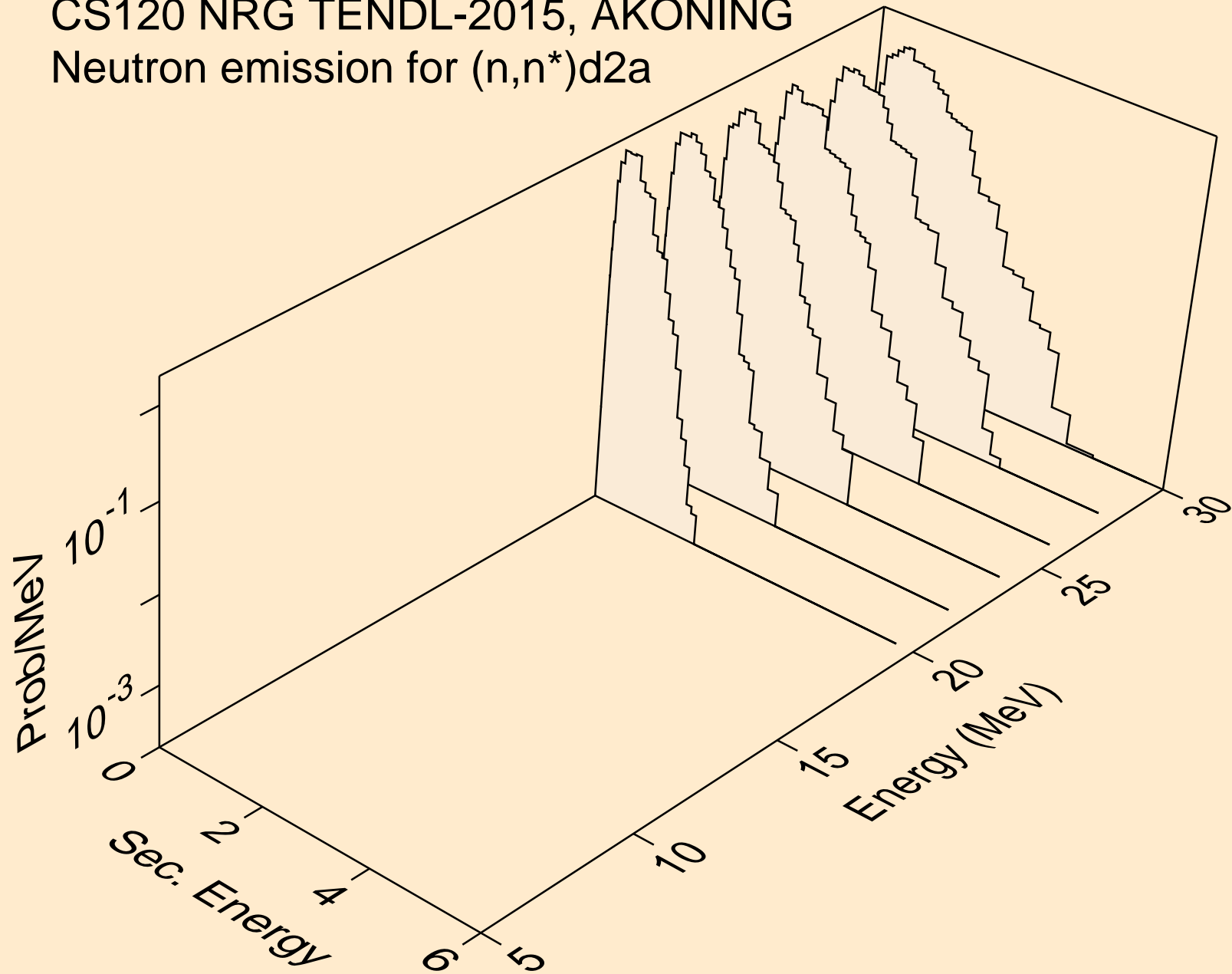
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



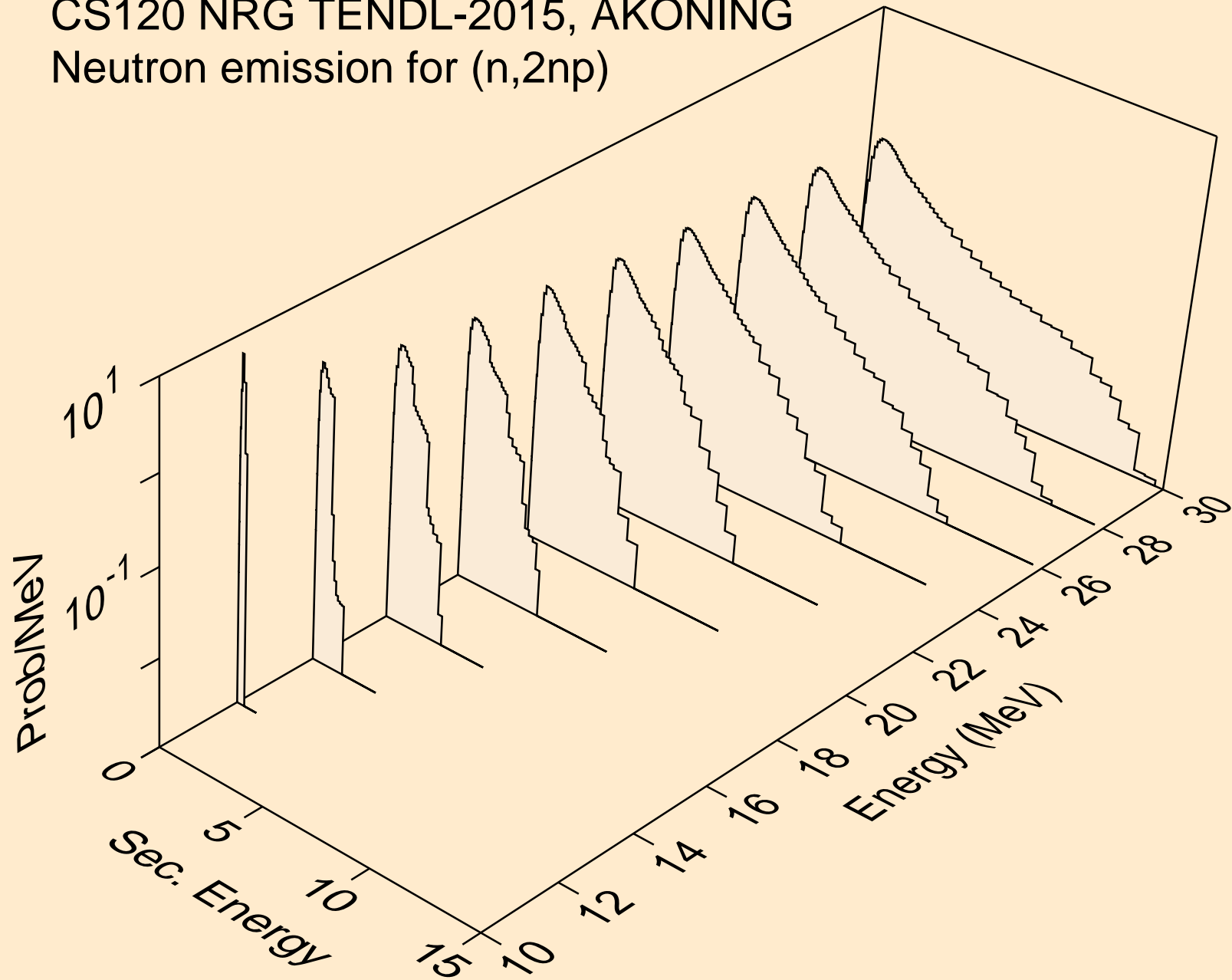
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



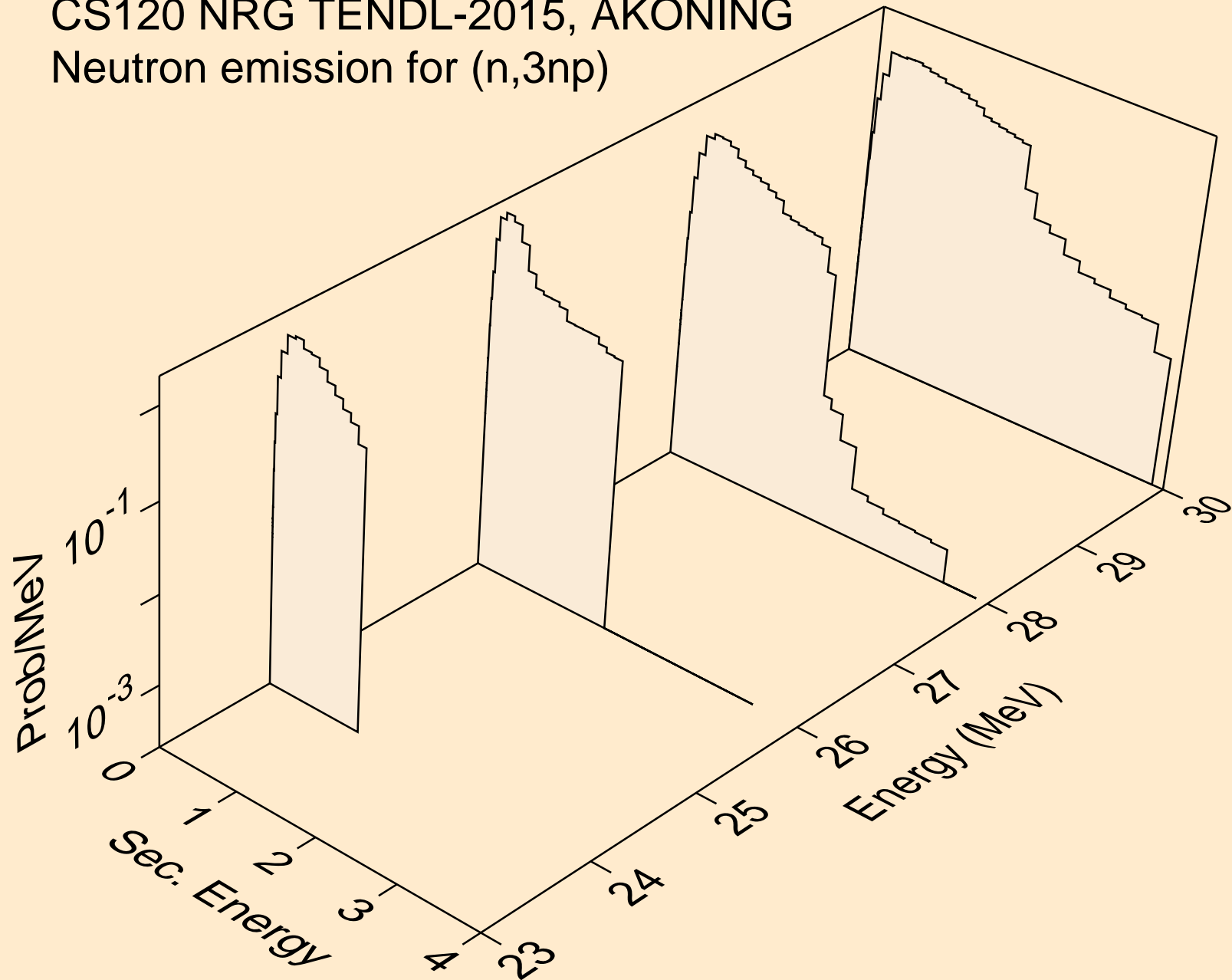
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

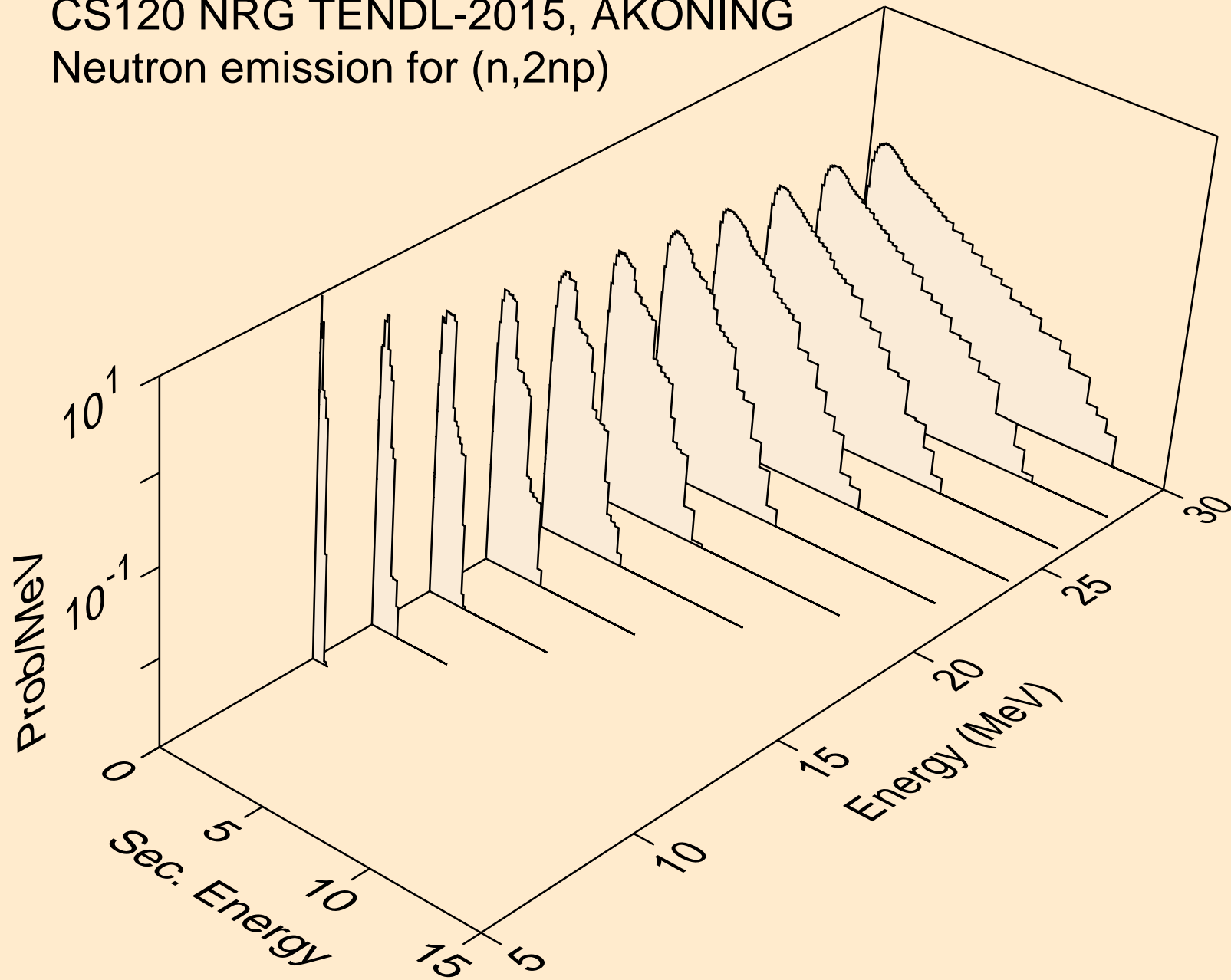


CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

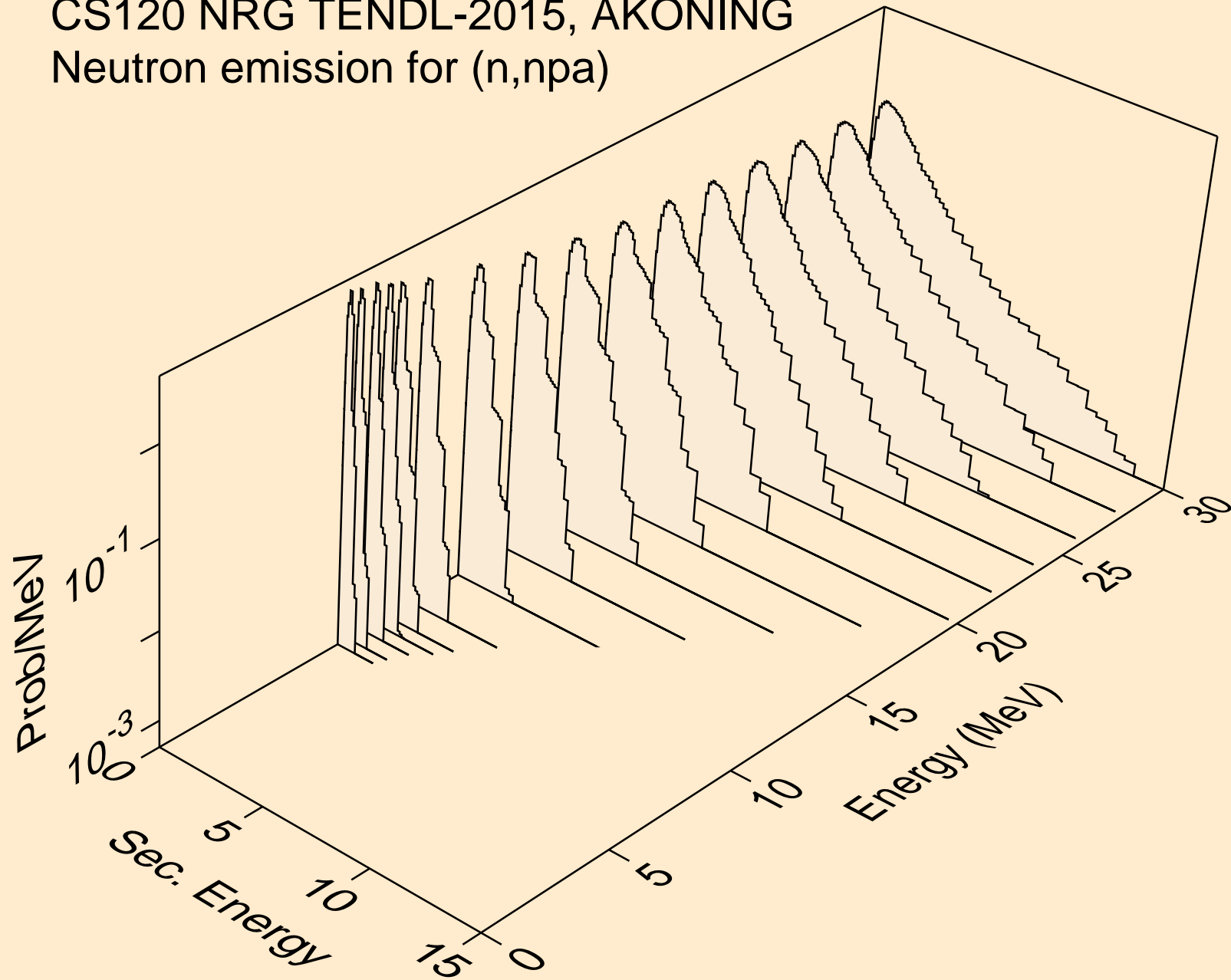




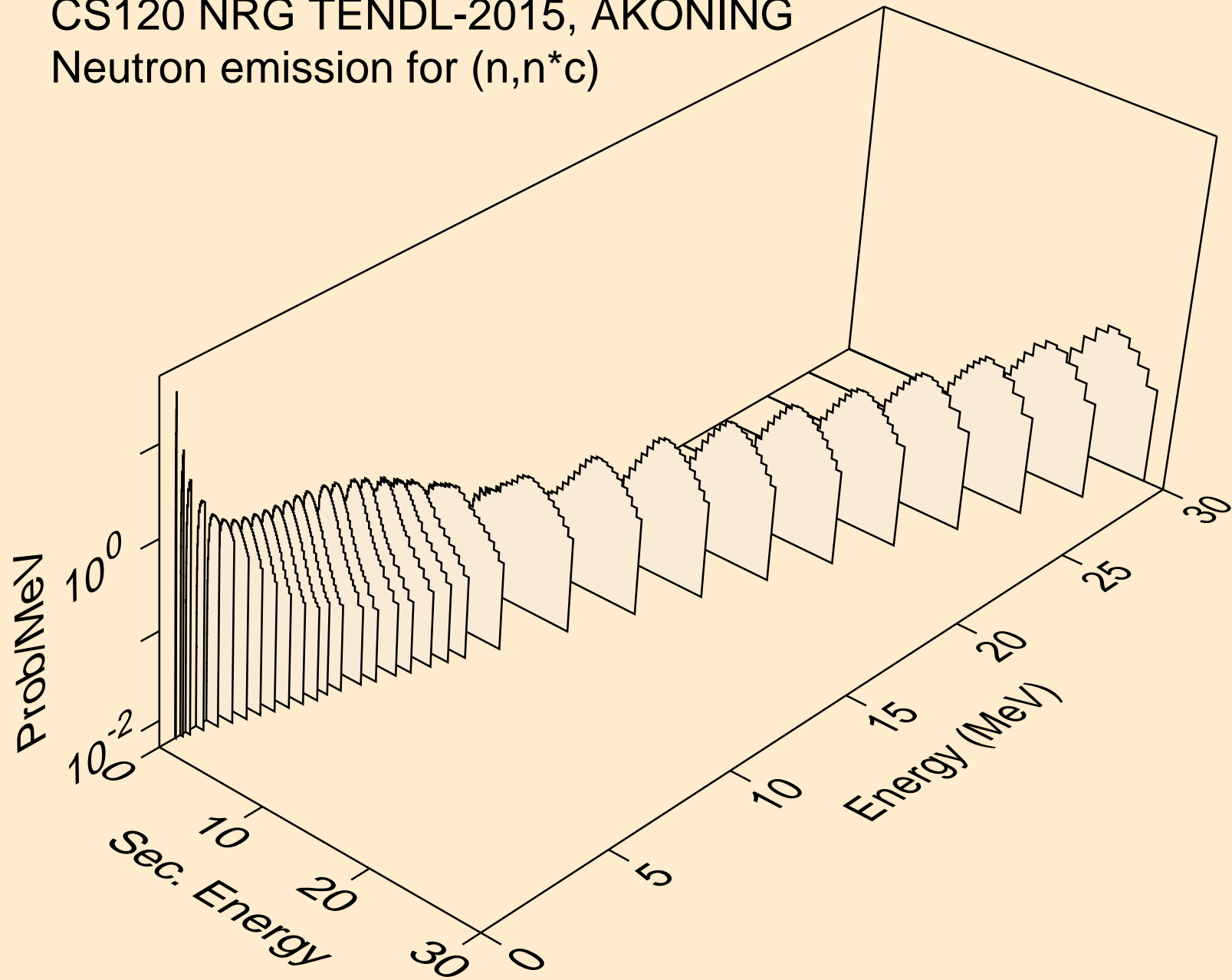
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



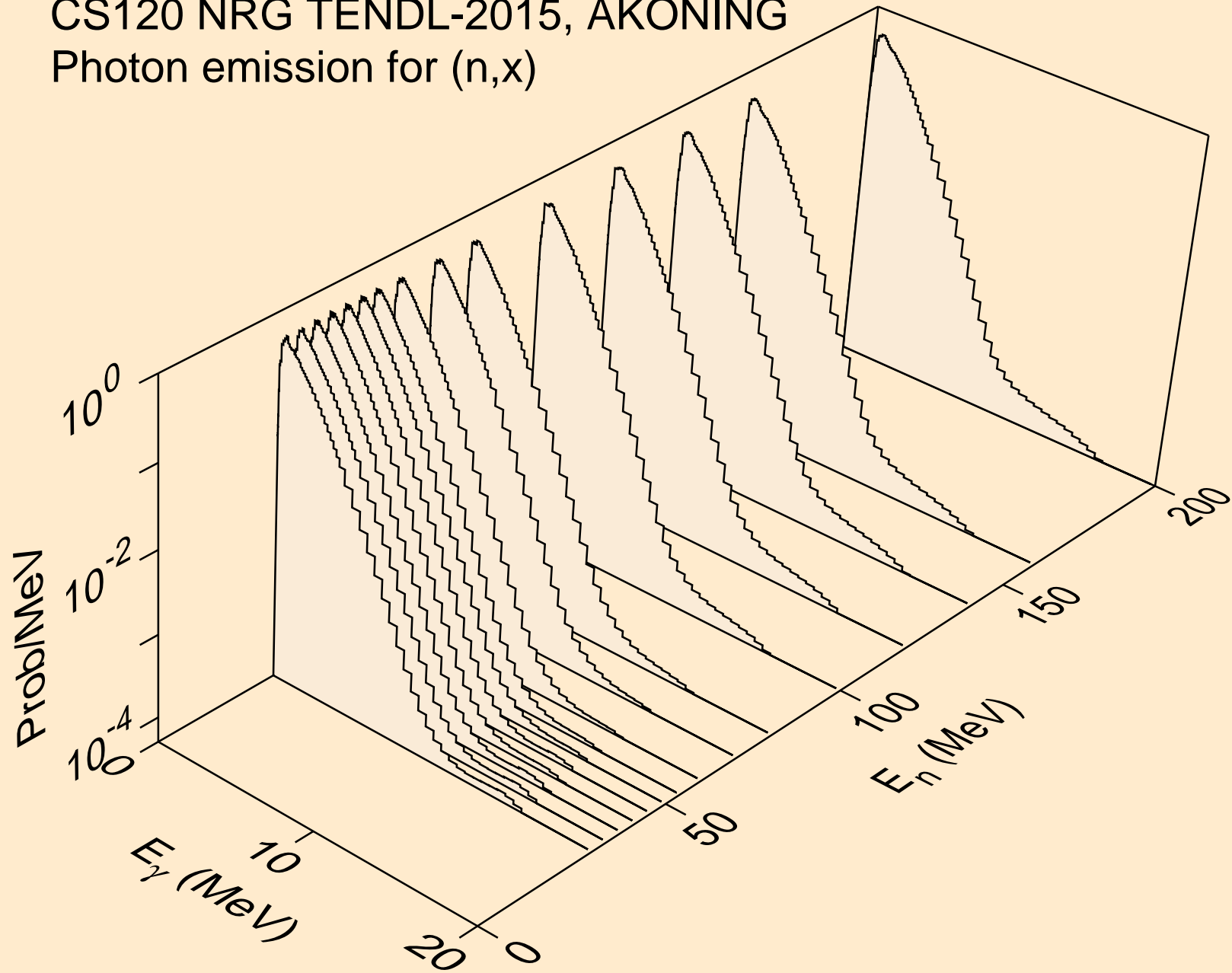
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



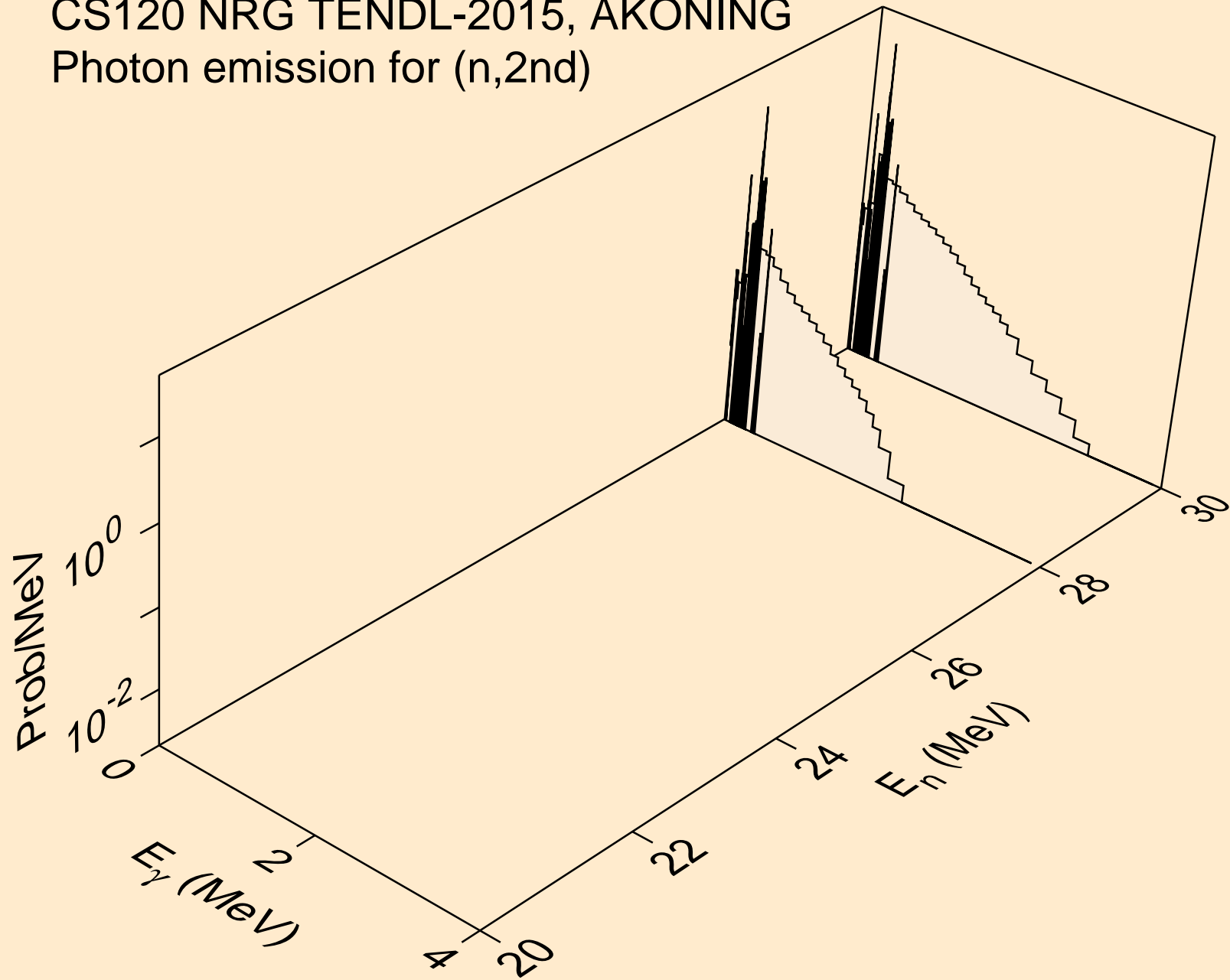
CS120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



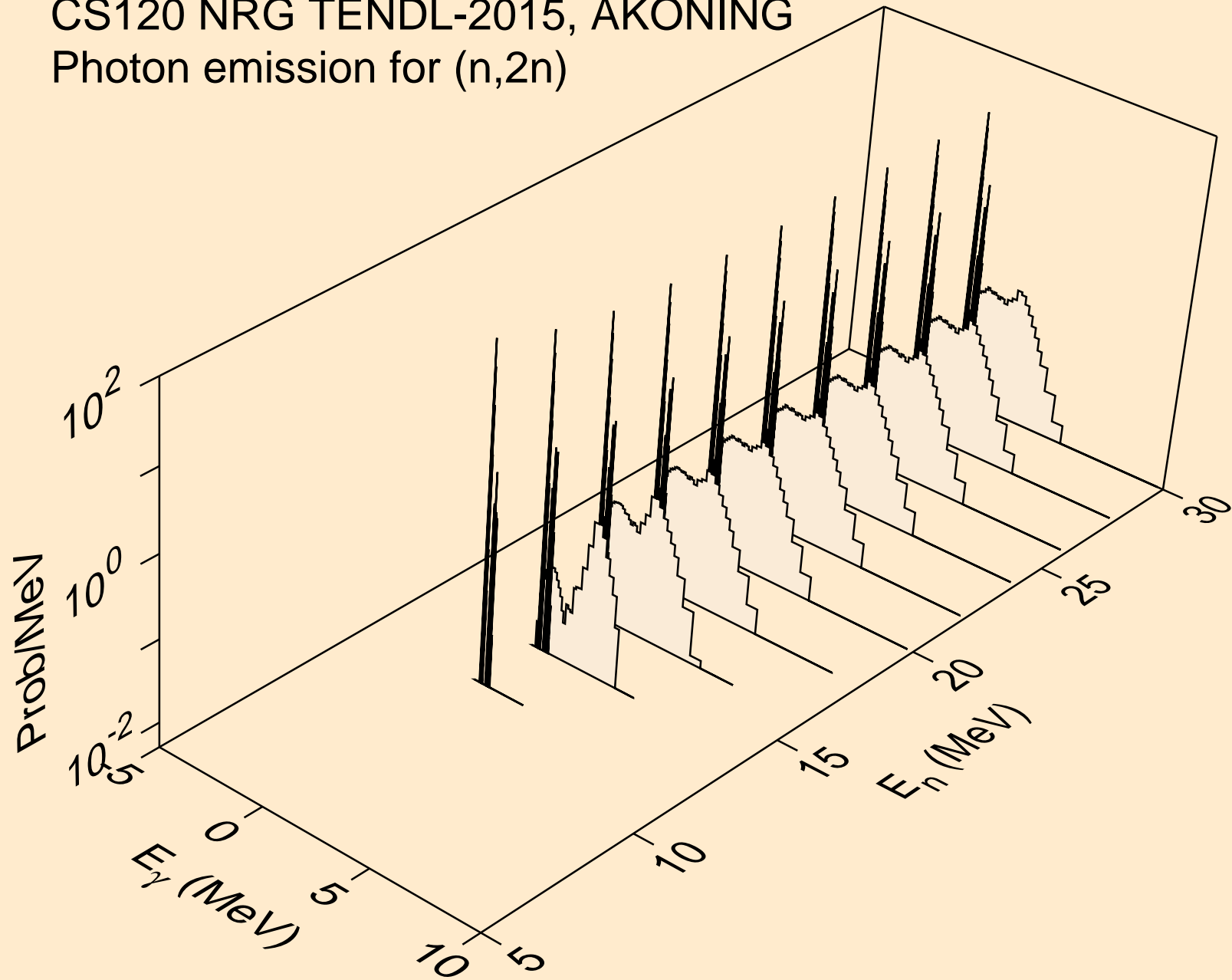
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



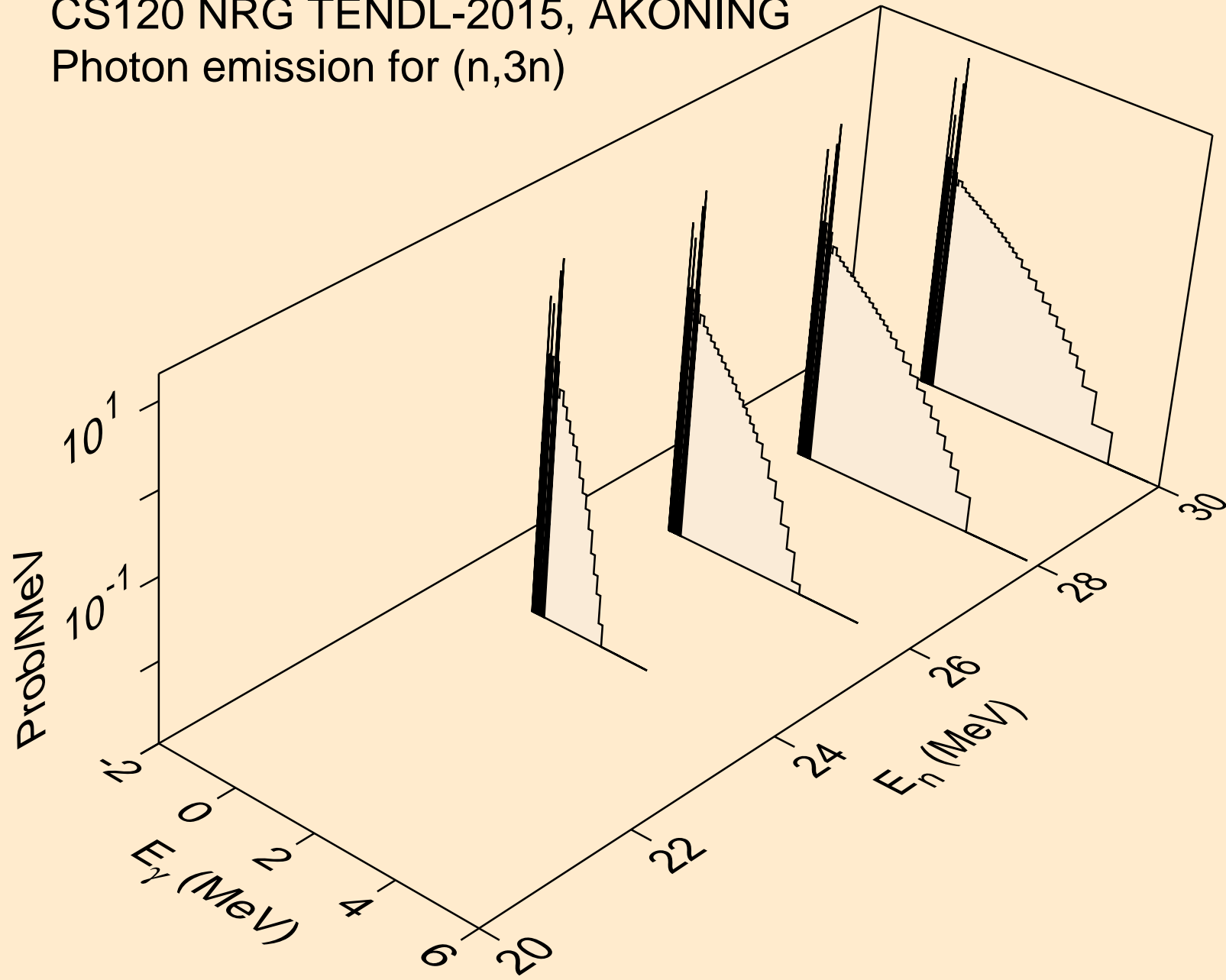
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



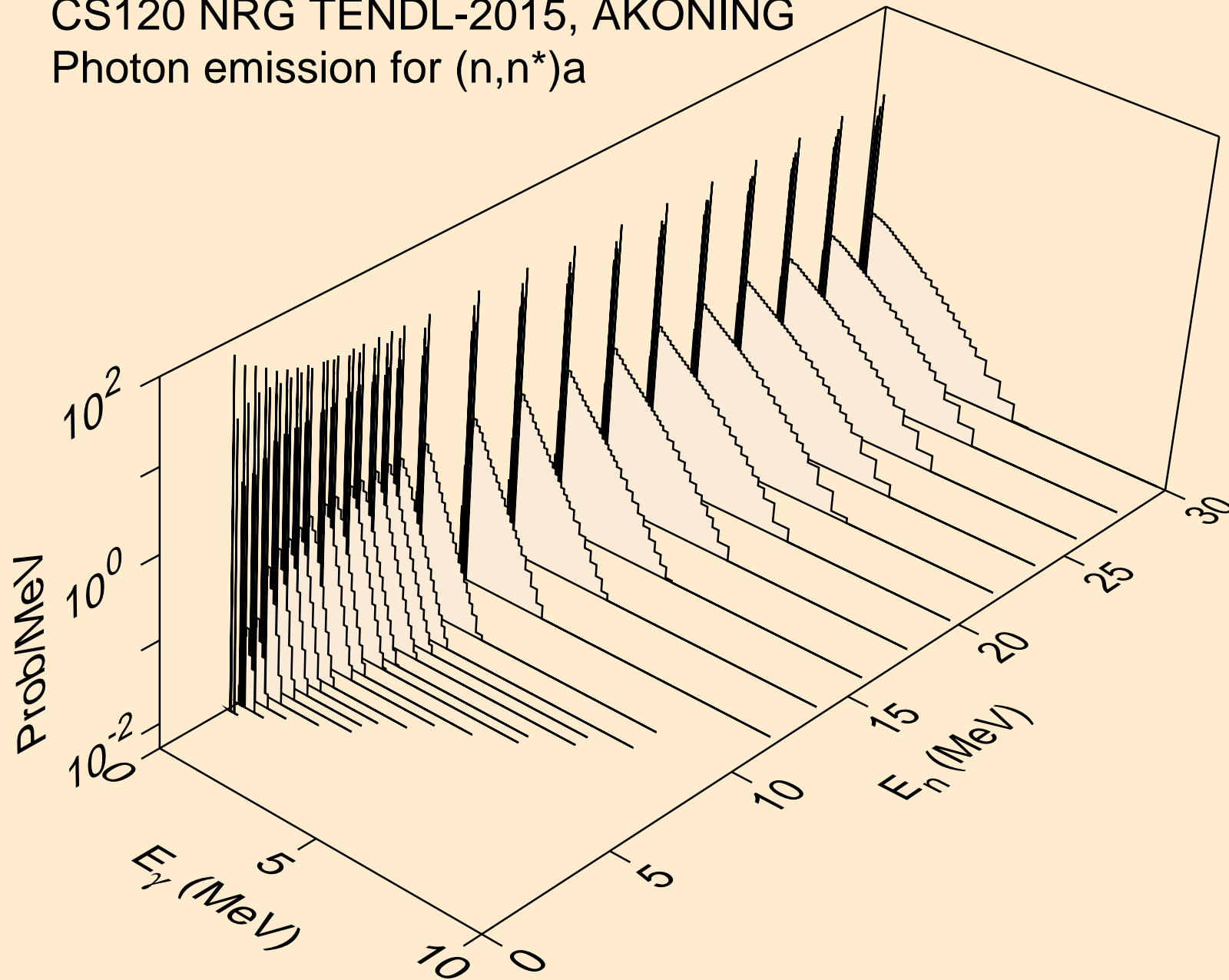
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

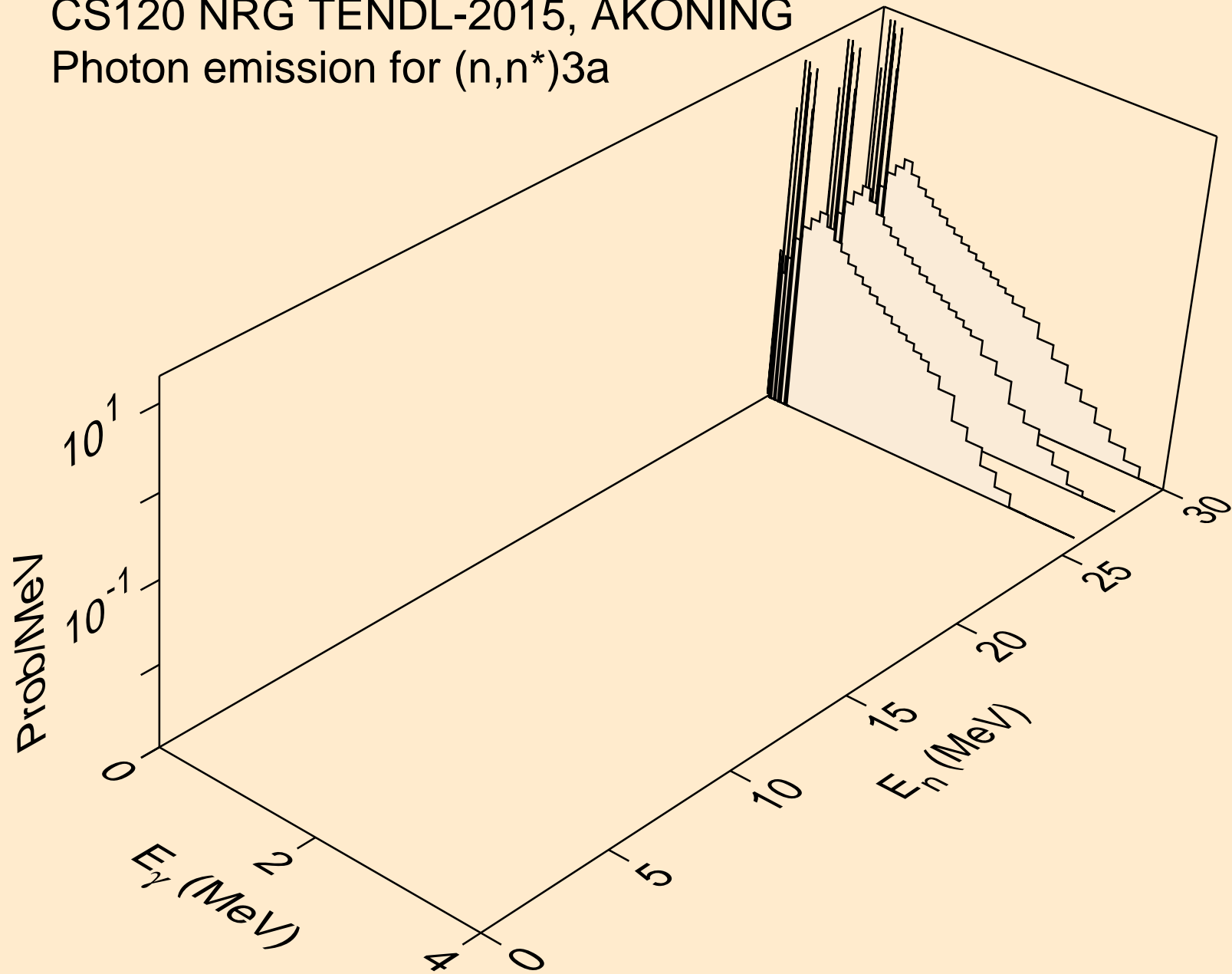


CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

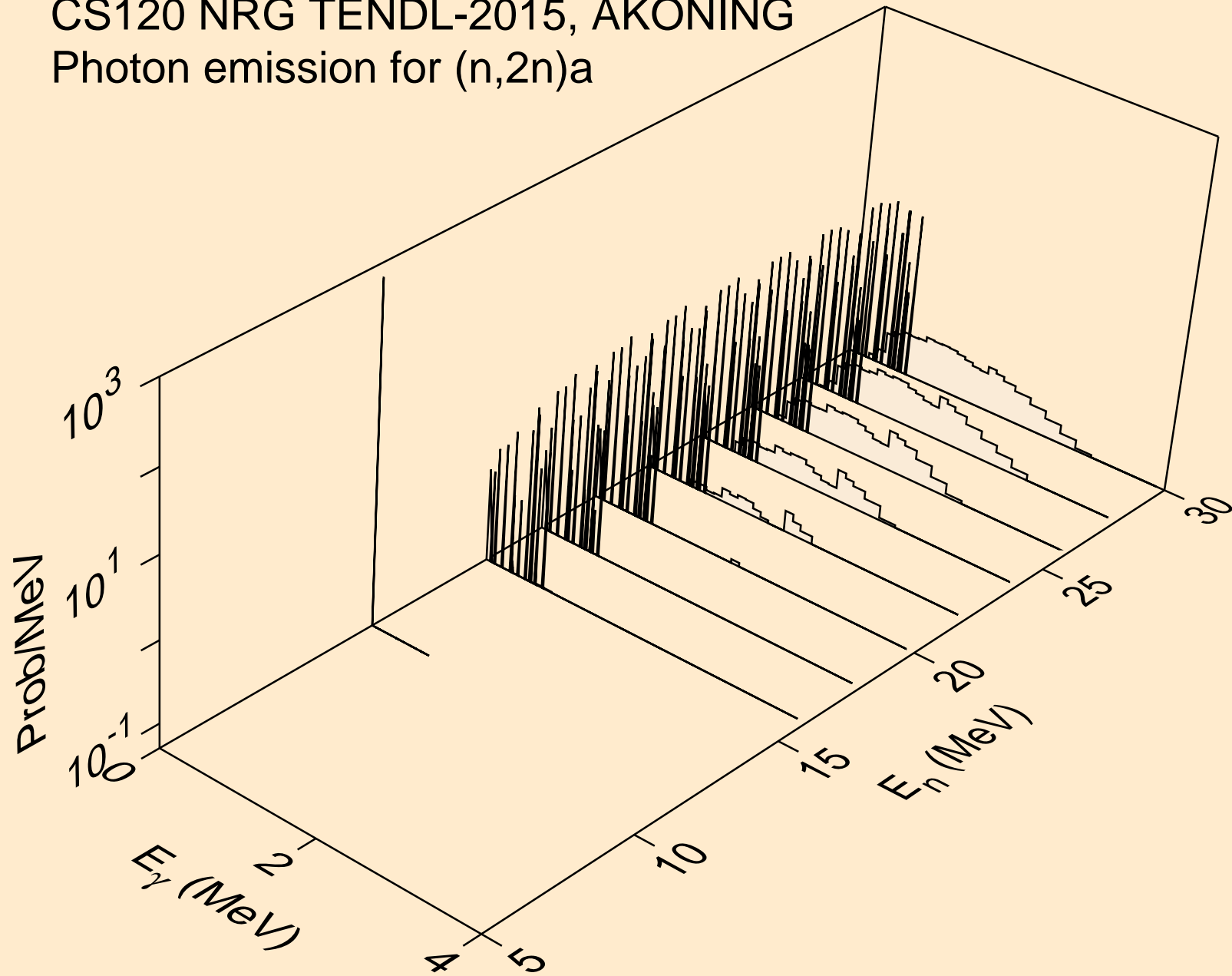




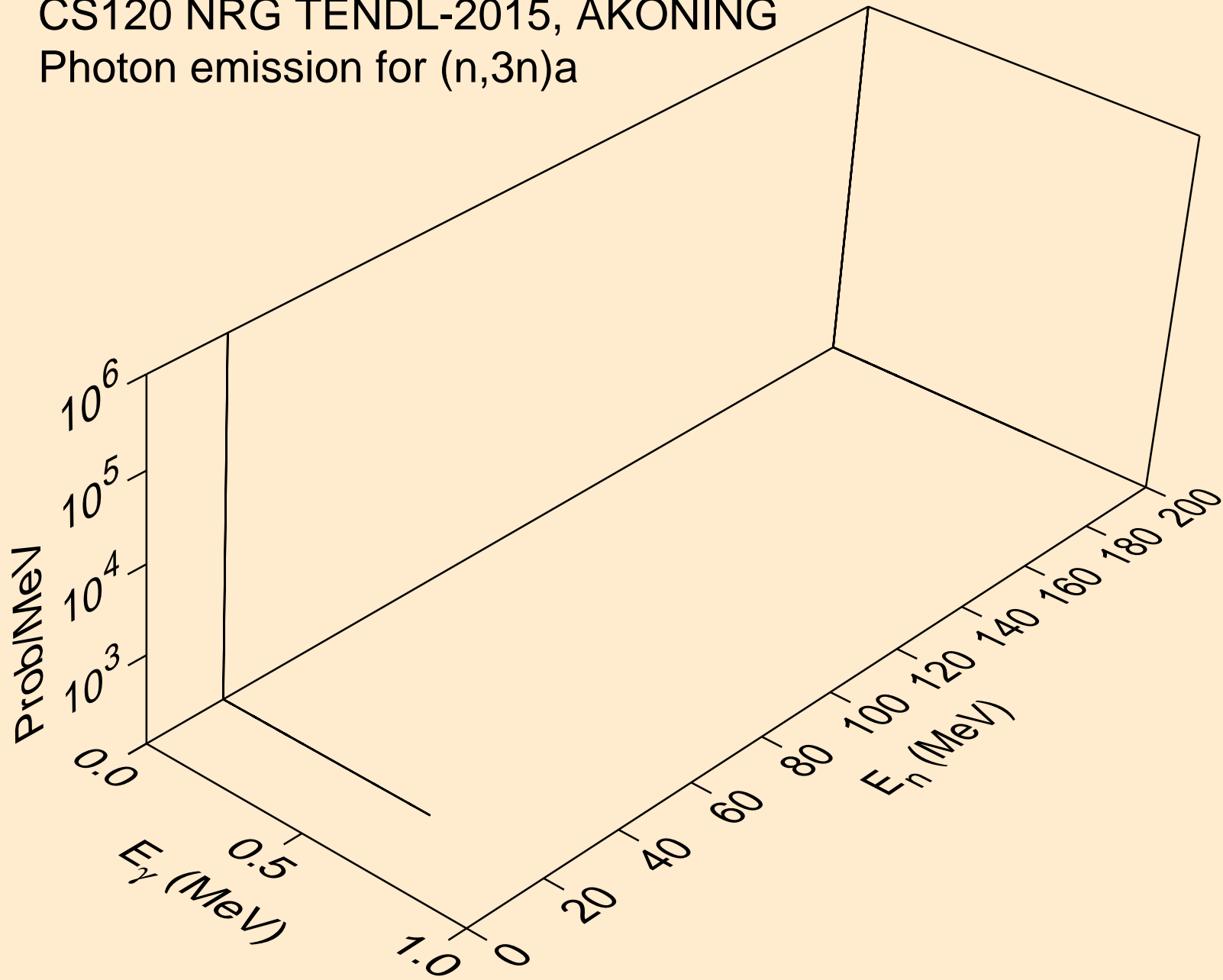
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

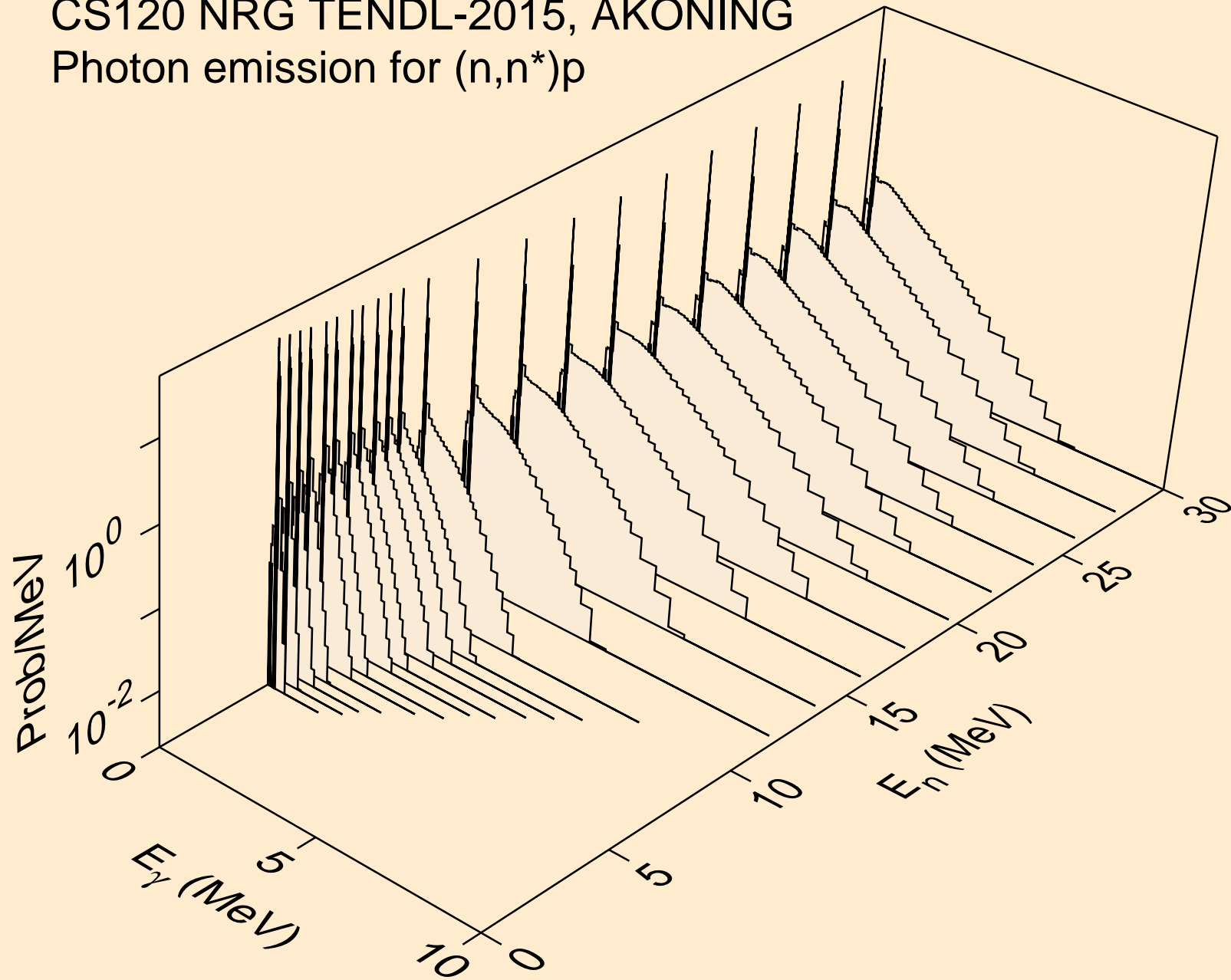


CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

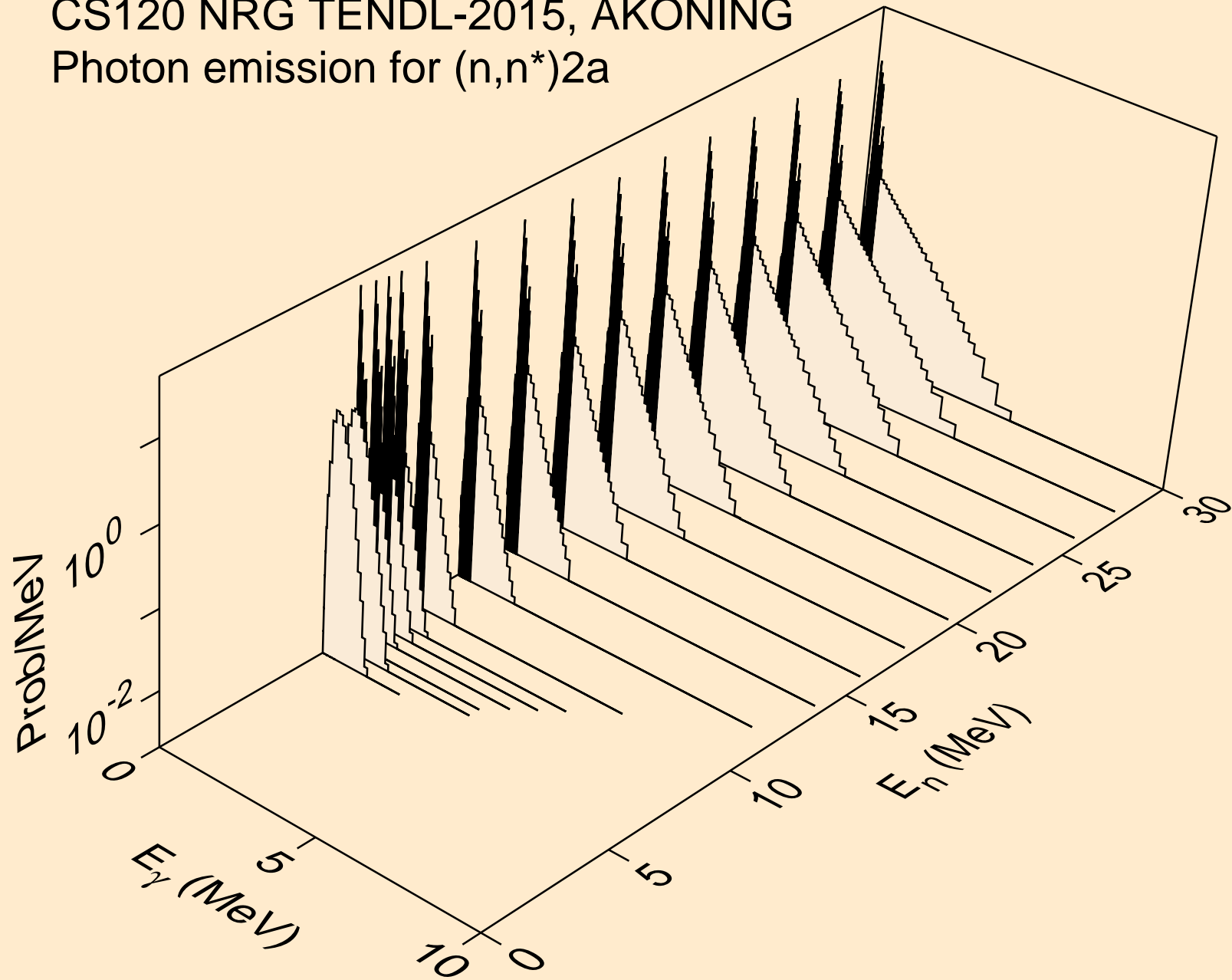


CS120 NRG TENDL-2015, AKONING

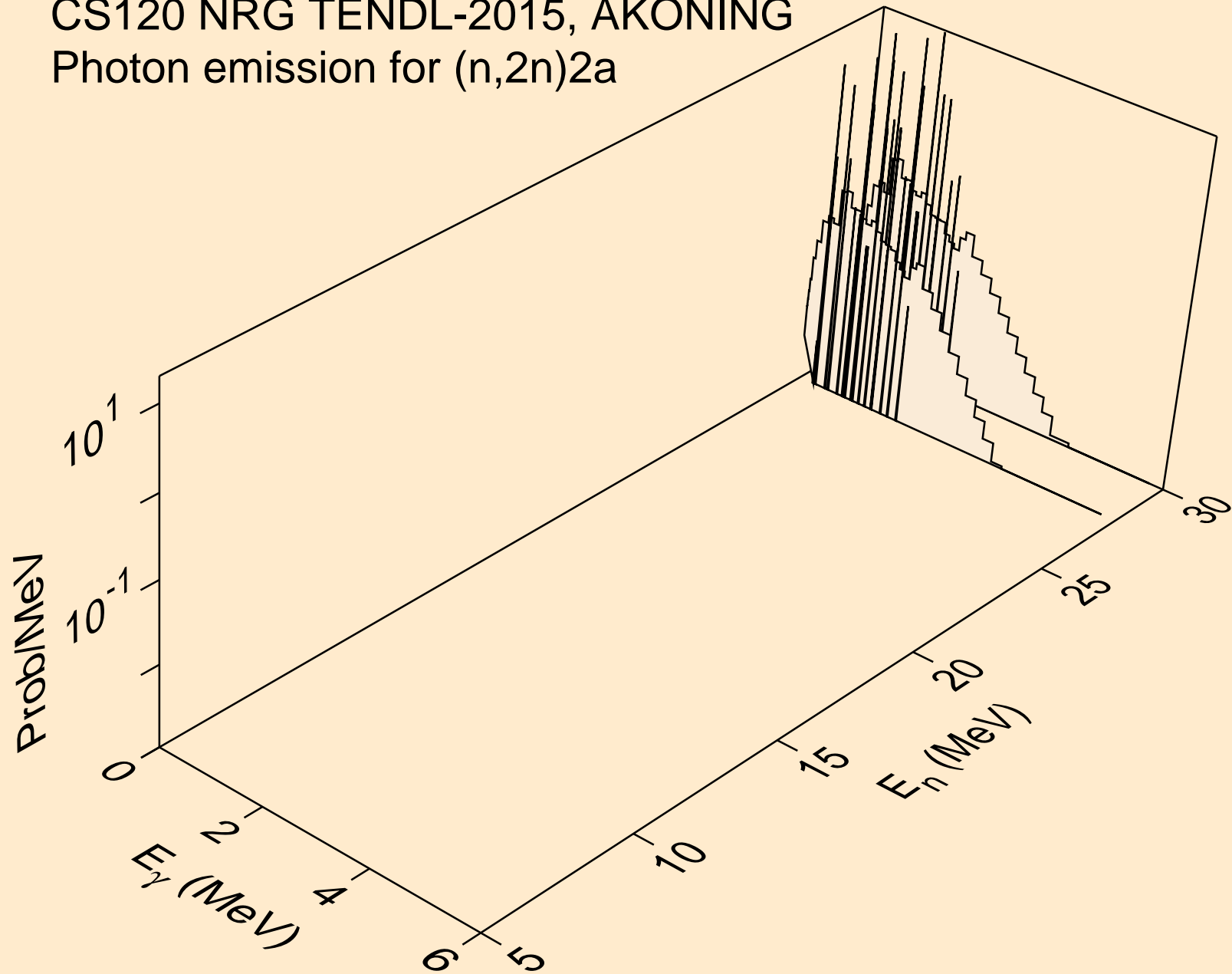
Photon emission for (n,n\*)p



CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

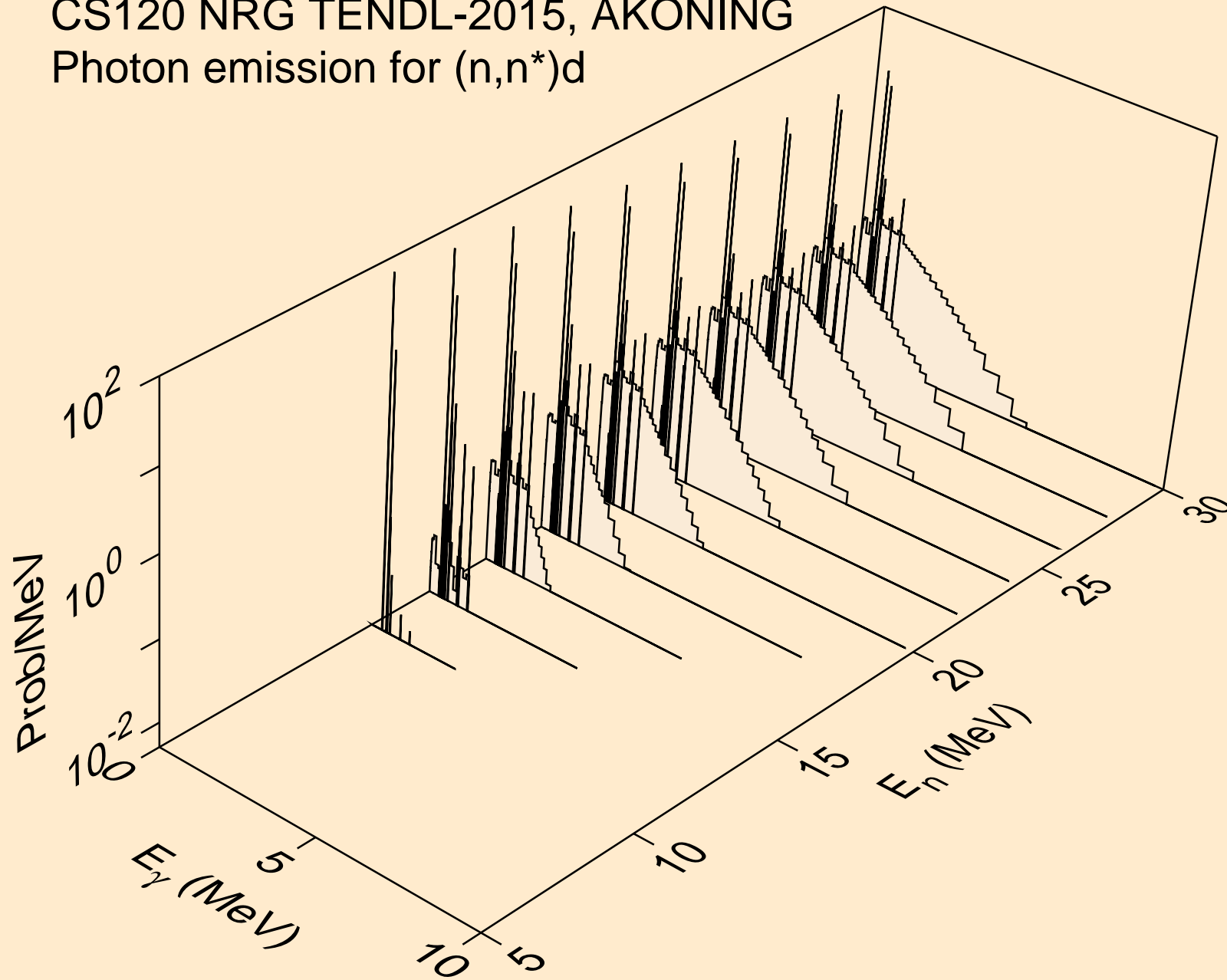


CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



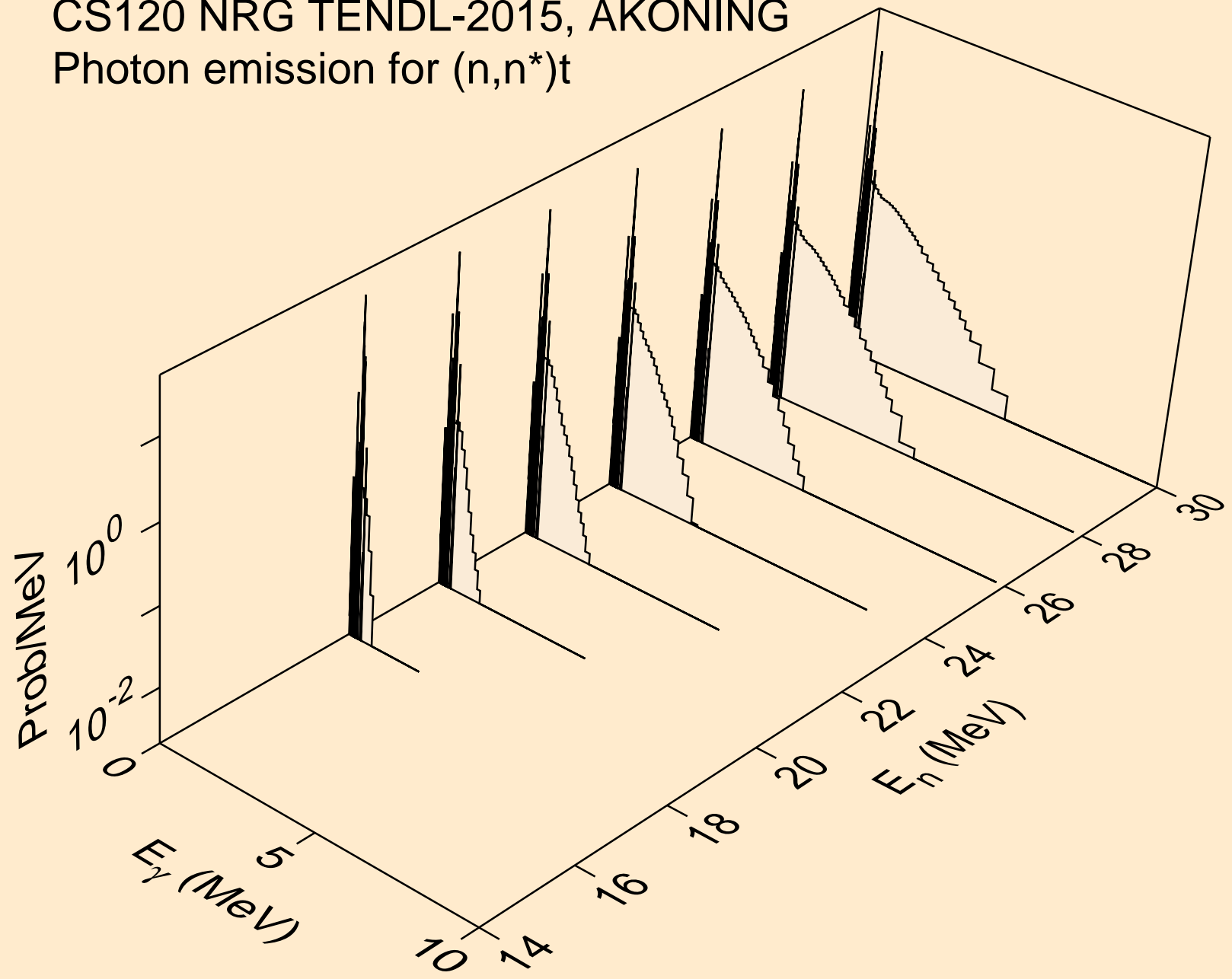
# CS120 NRG TENDL-2015, AKONING

Photon emission for (n,n\*)d



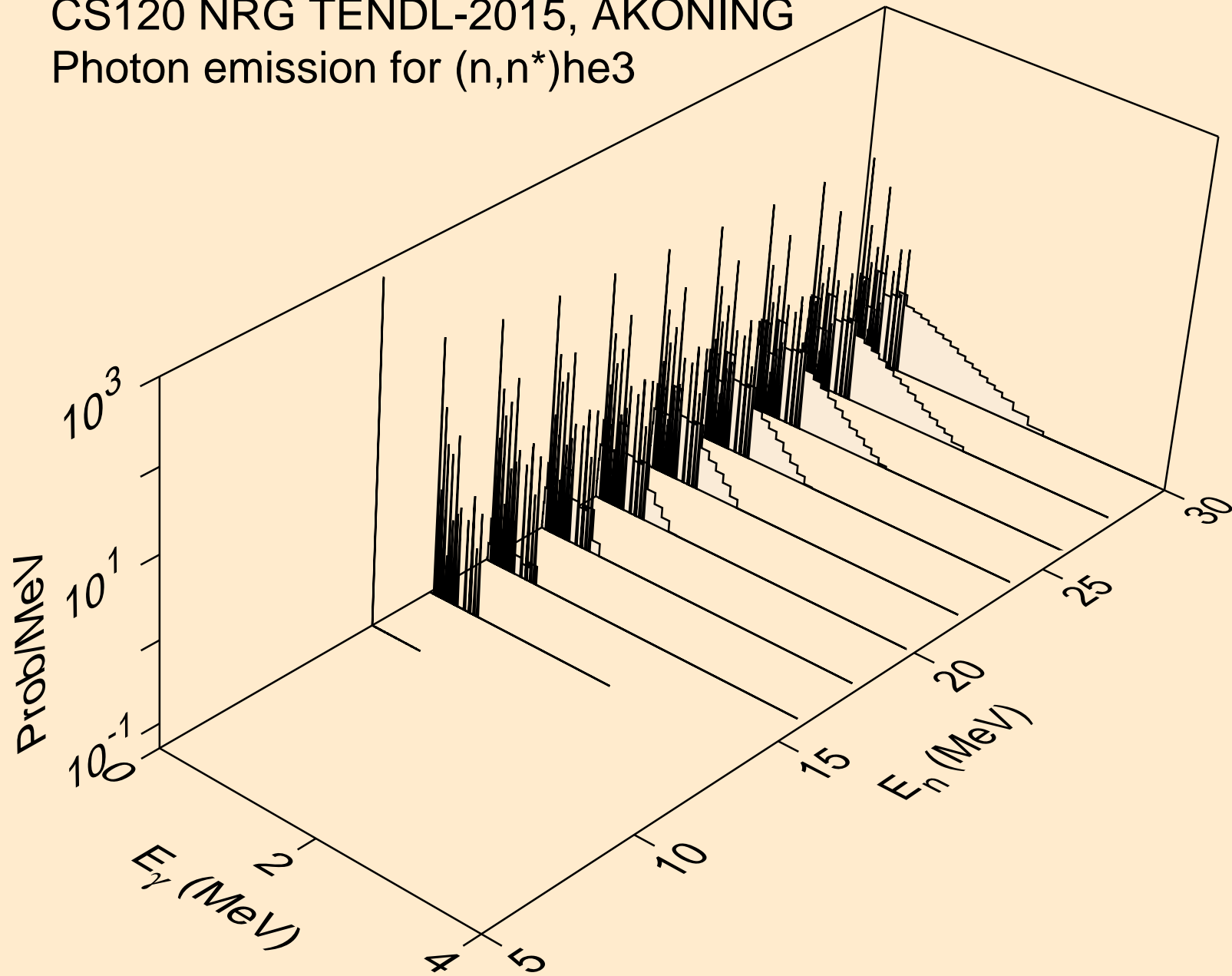
# CS120 NRG TENDL-2015, AKONING

Photon emission for (n,n\*)t

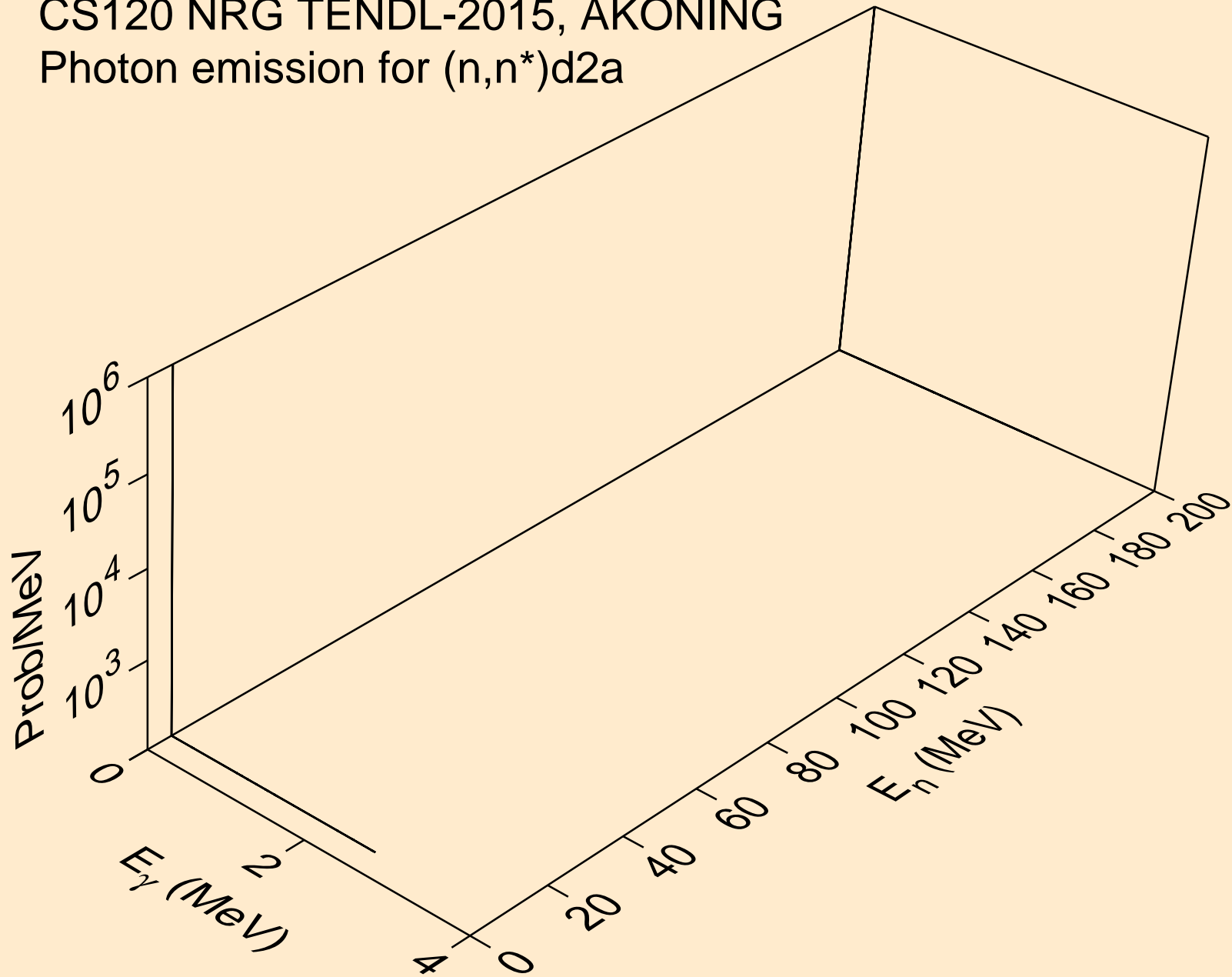




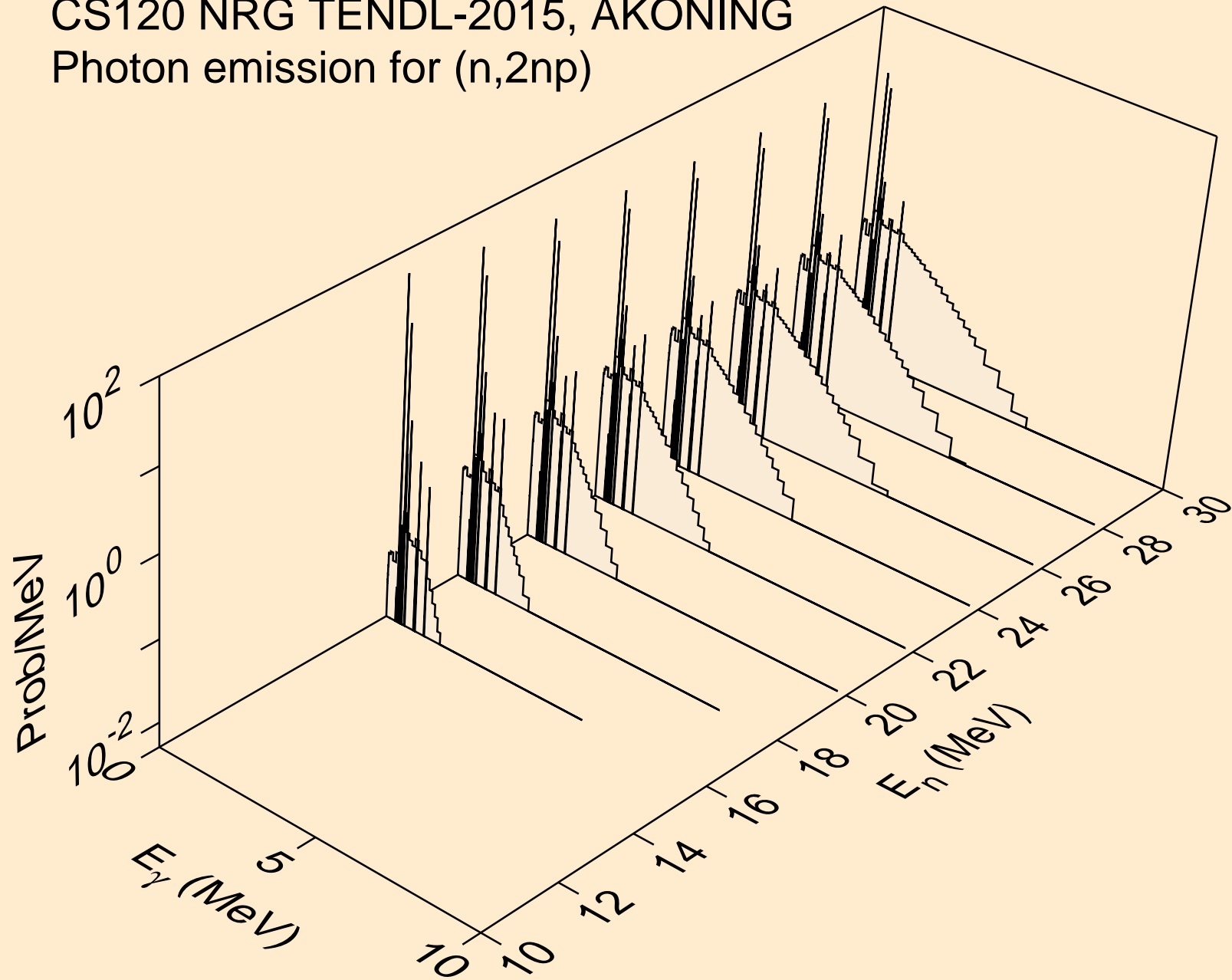
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



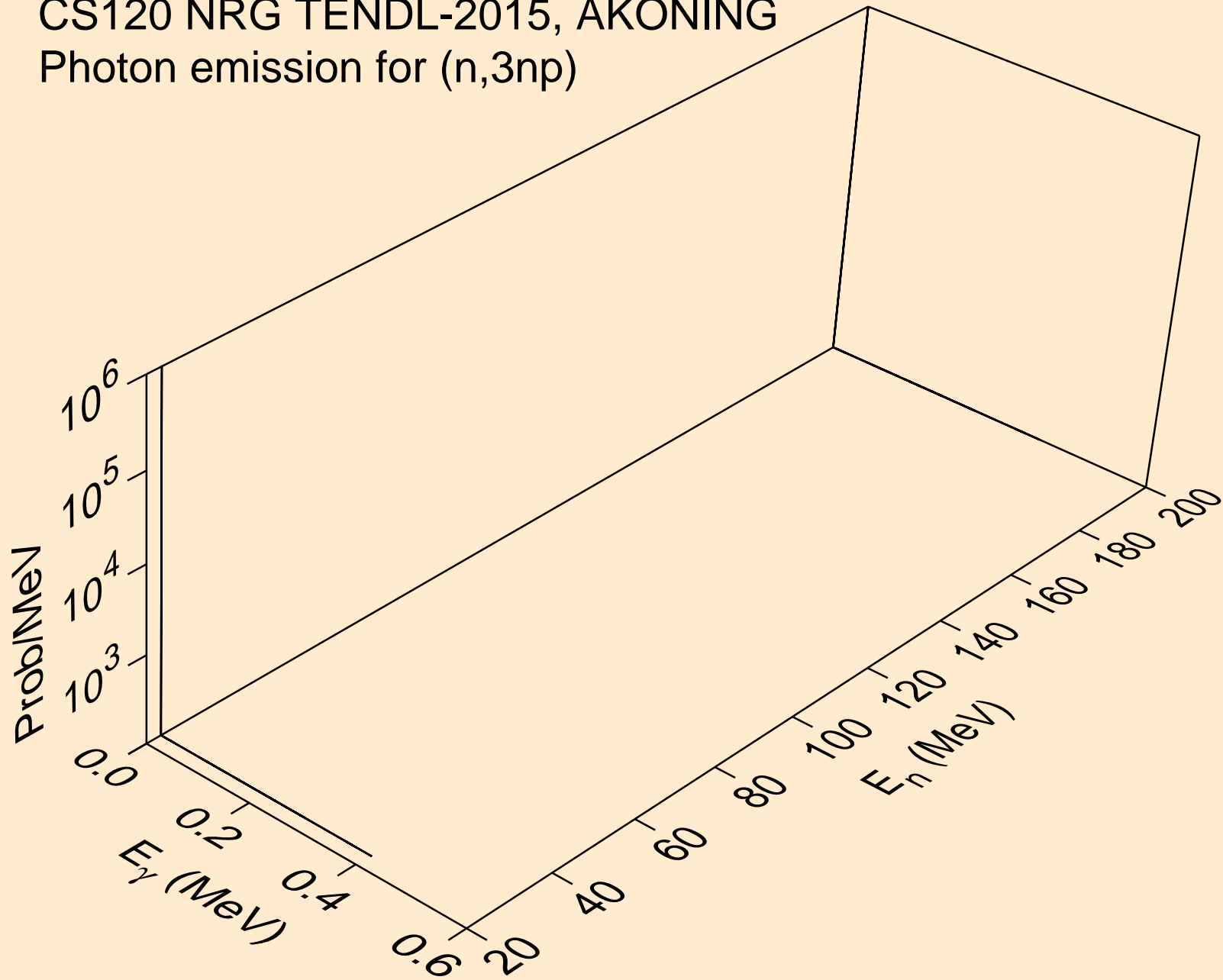
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



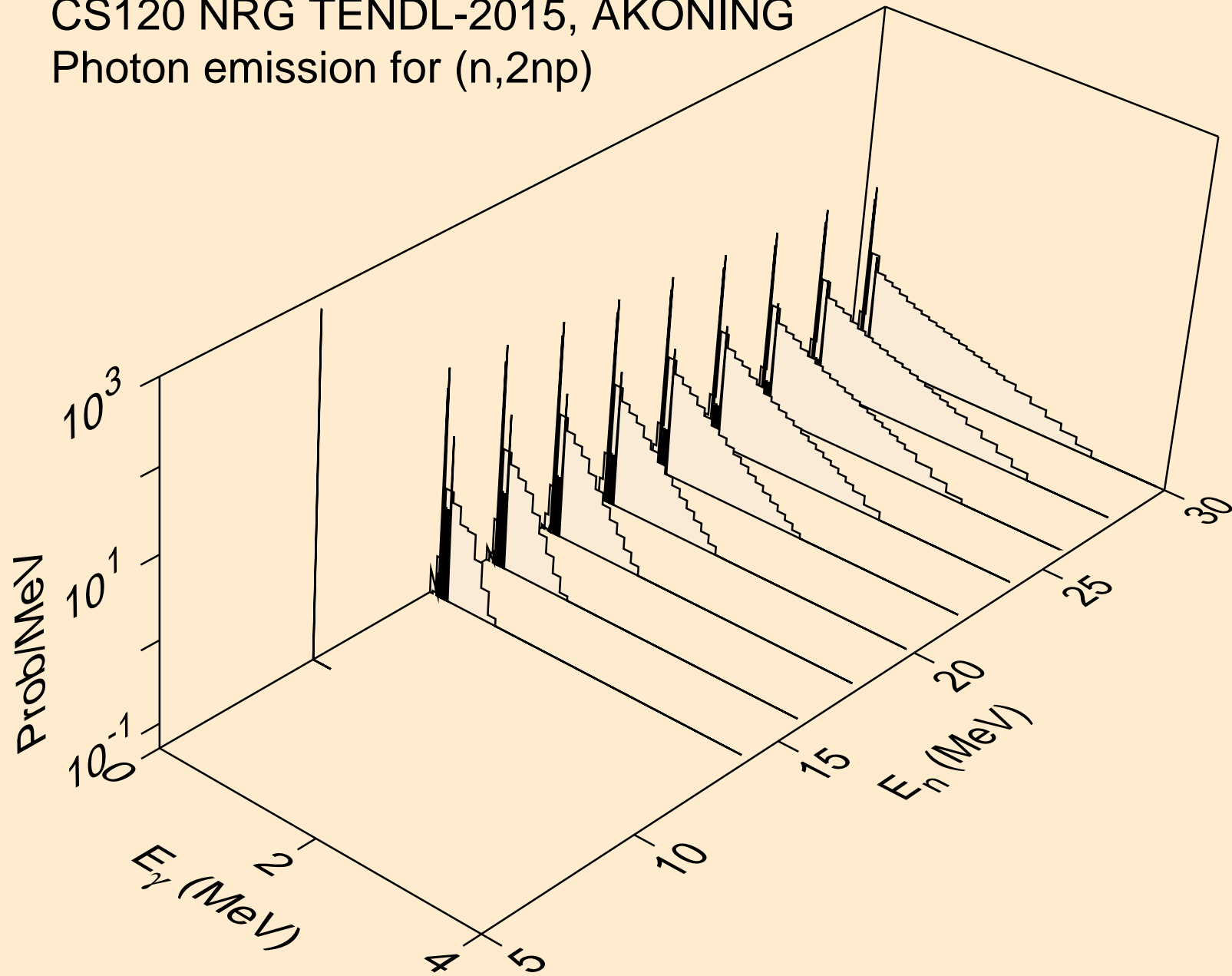
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



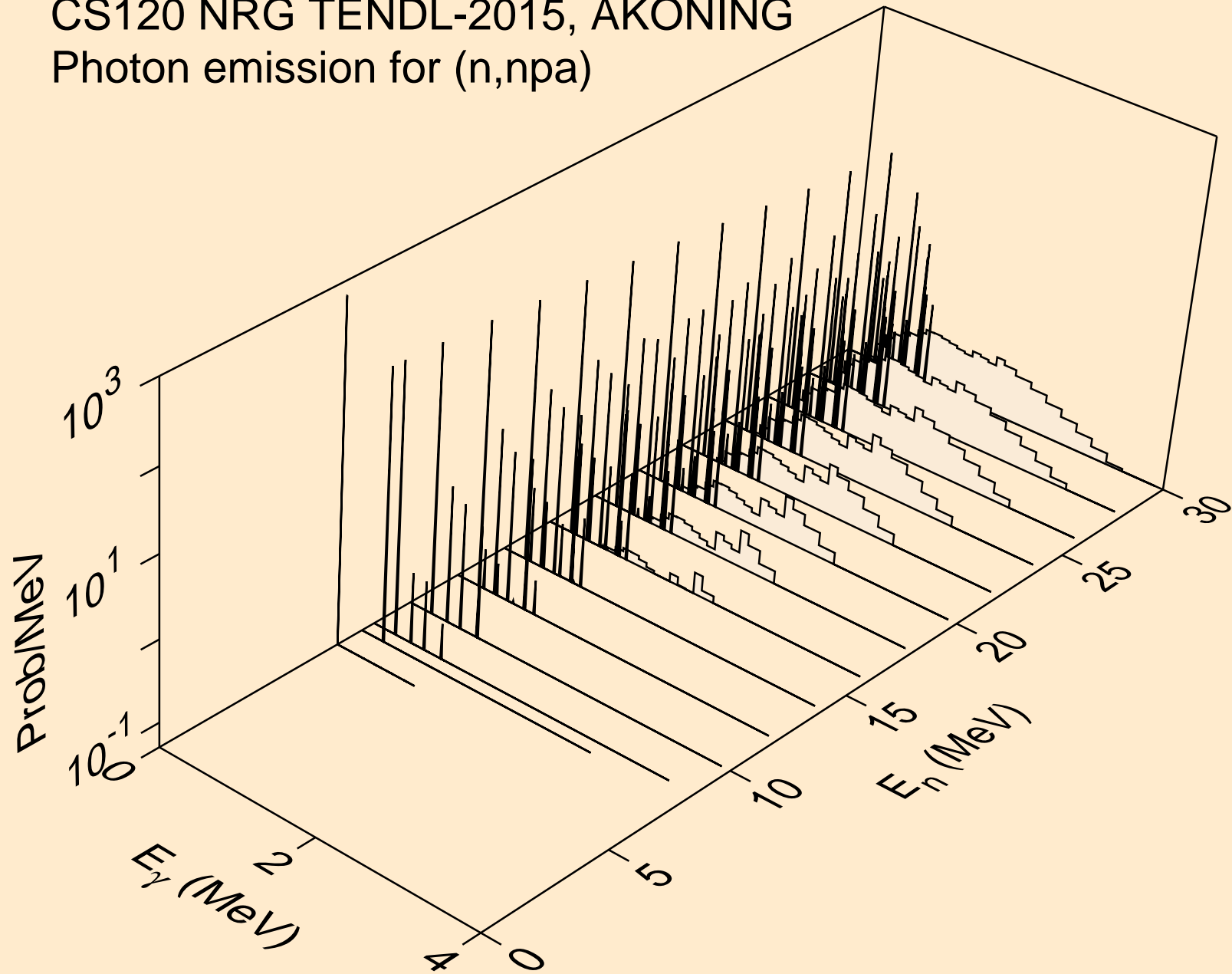
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



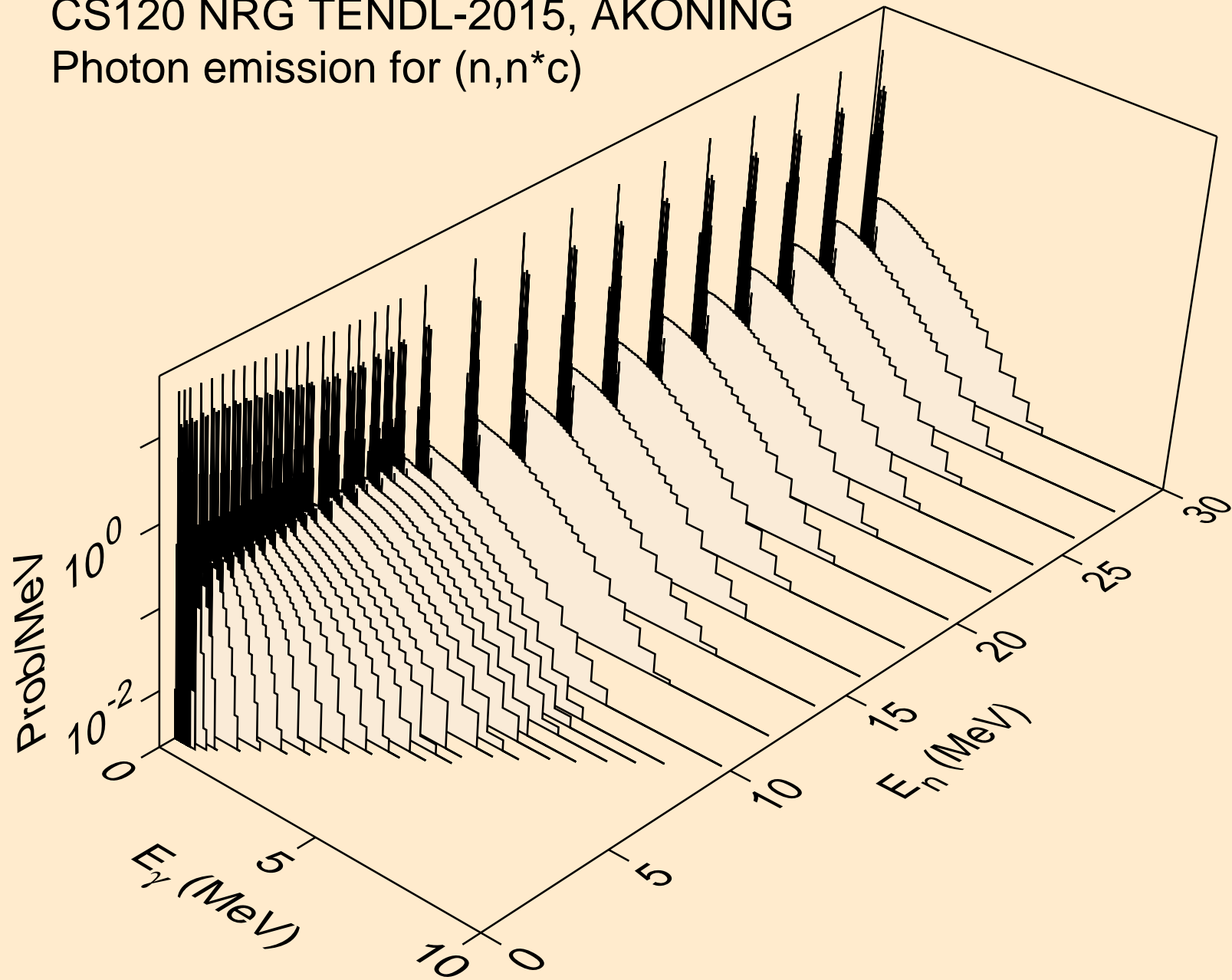
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



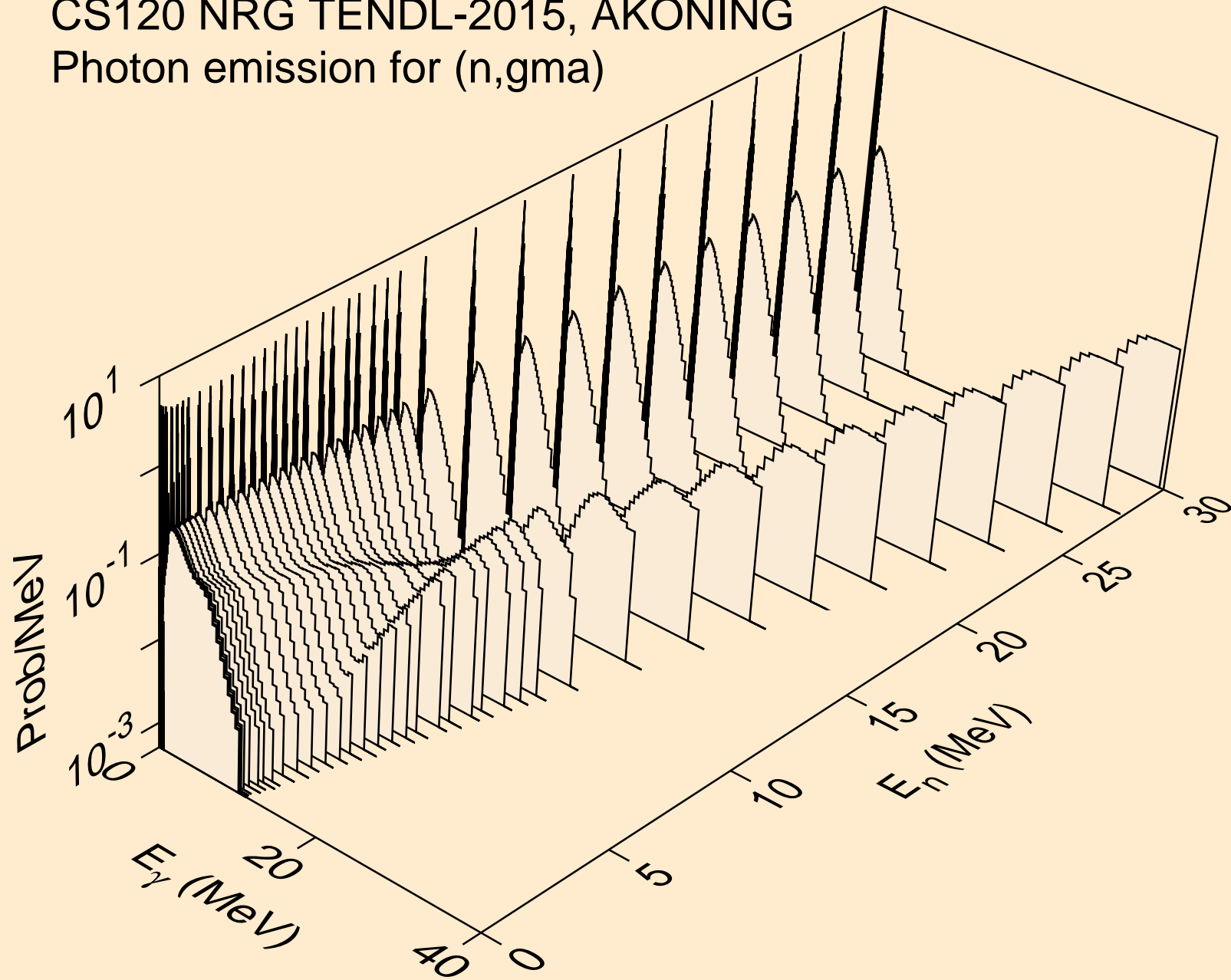
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

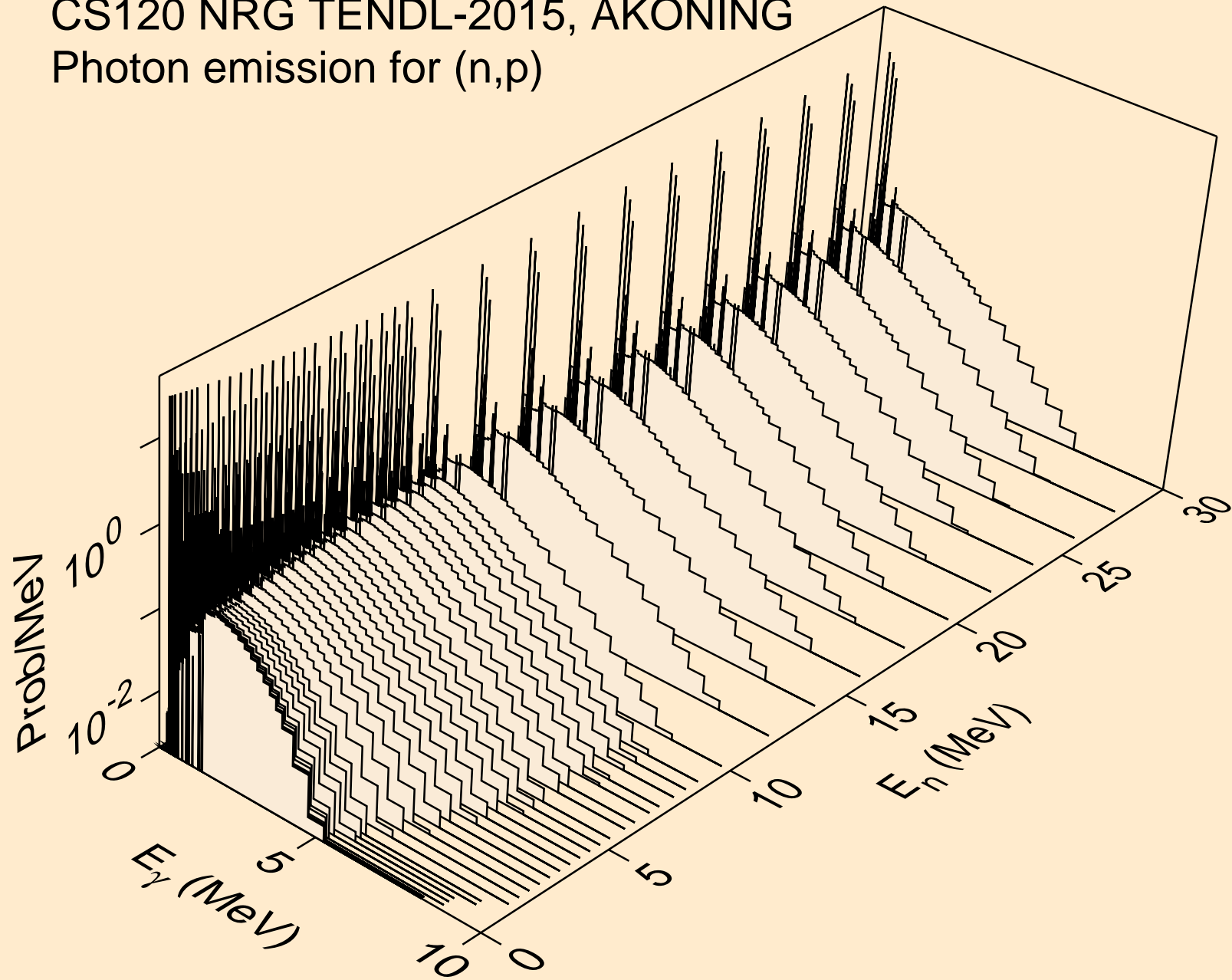


CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

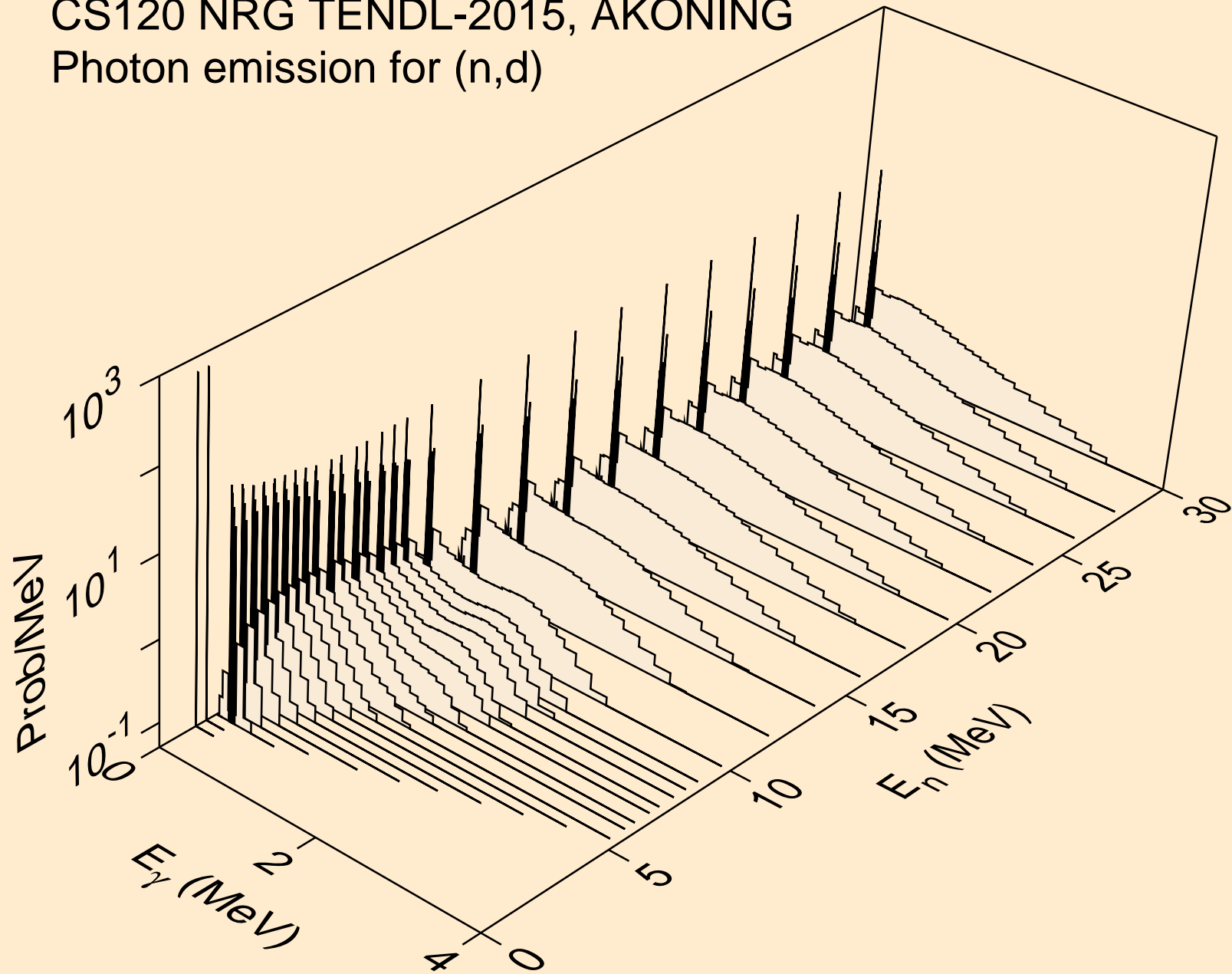




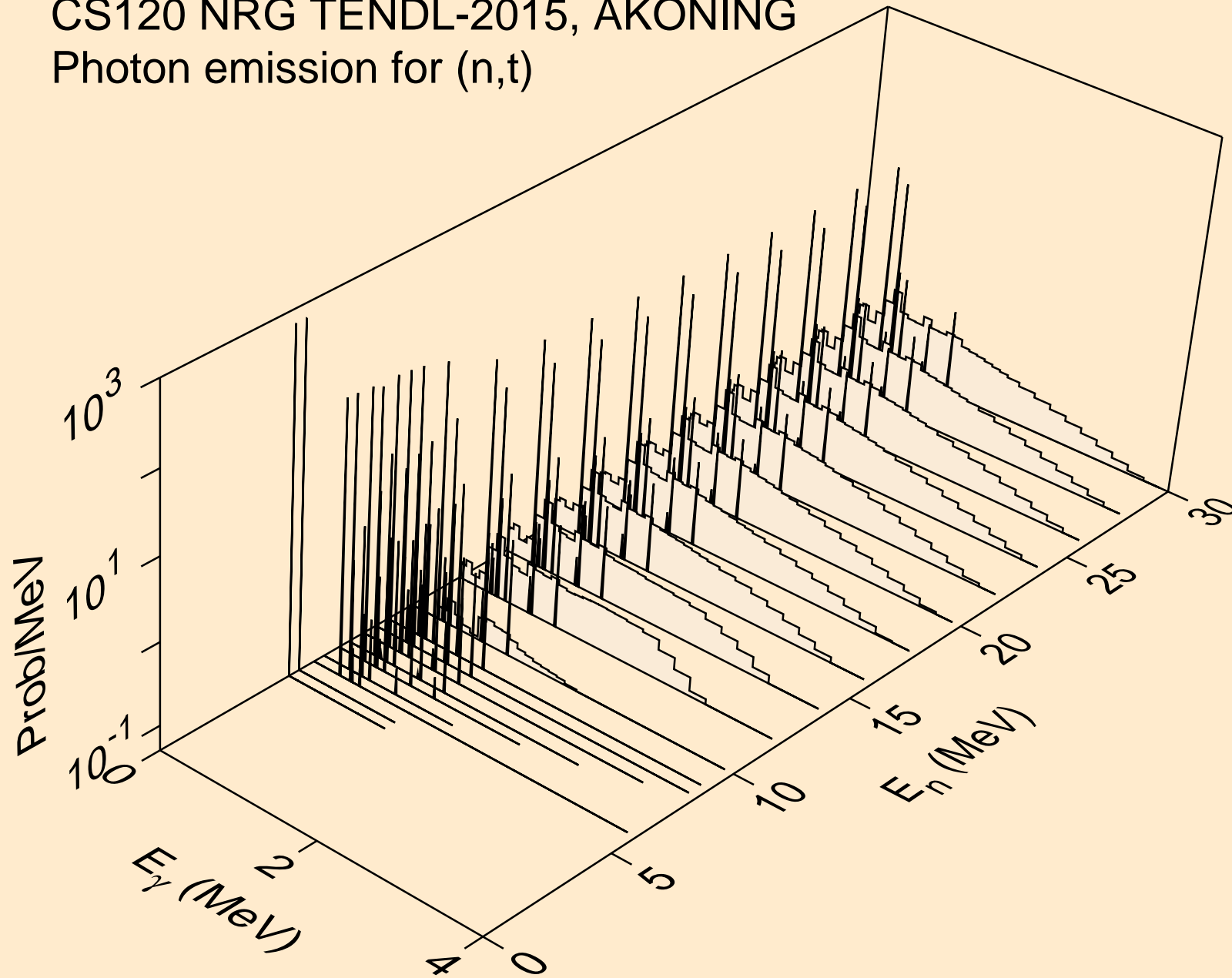
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



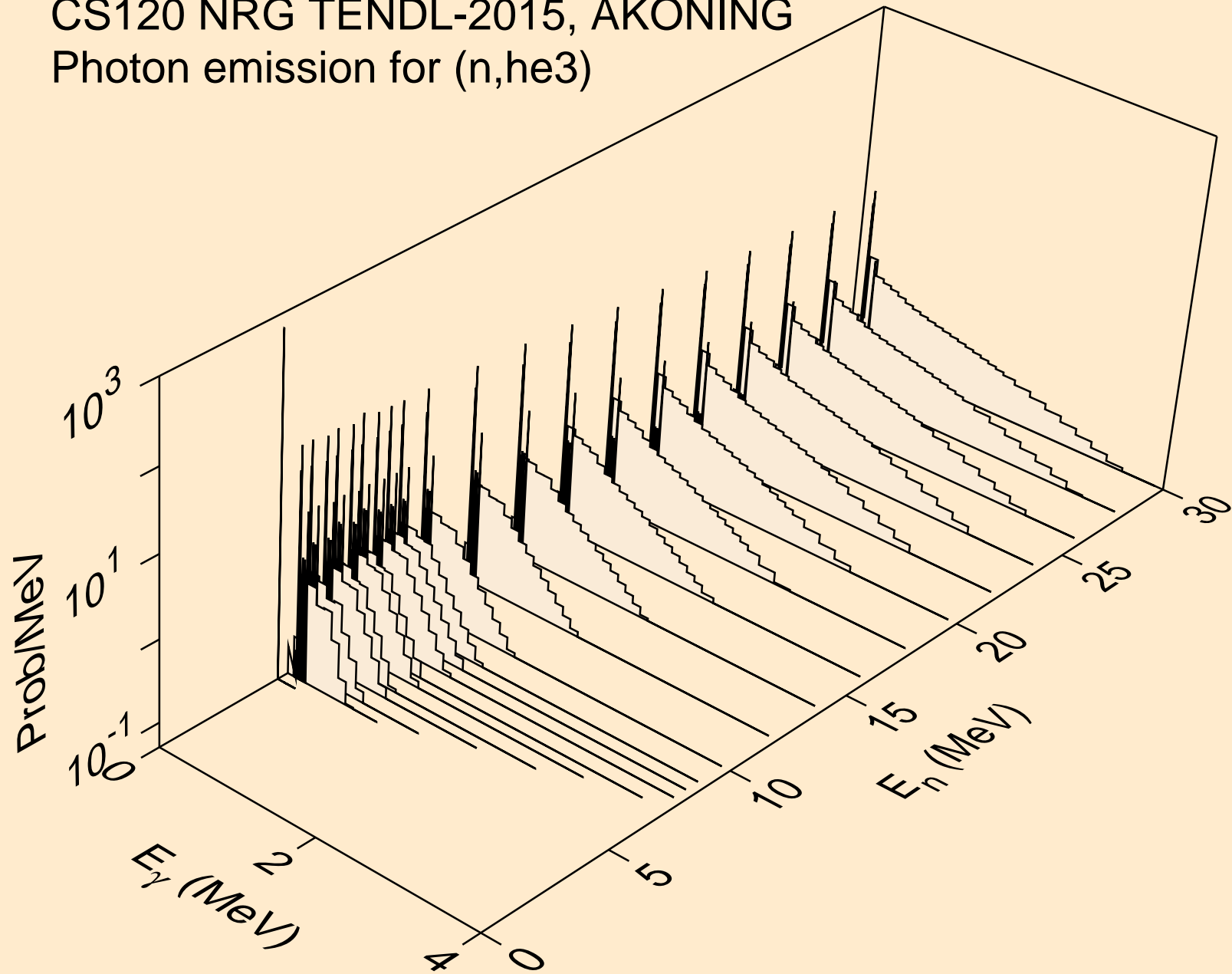
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



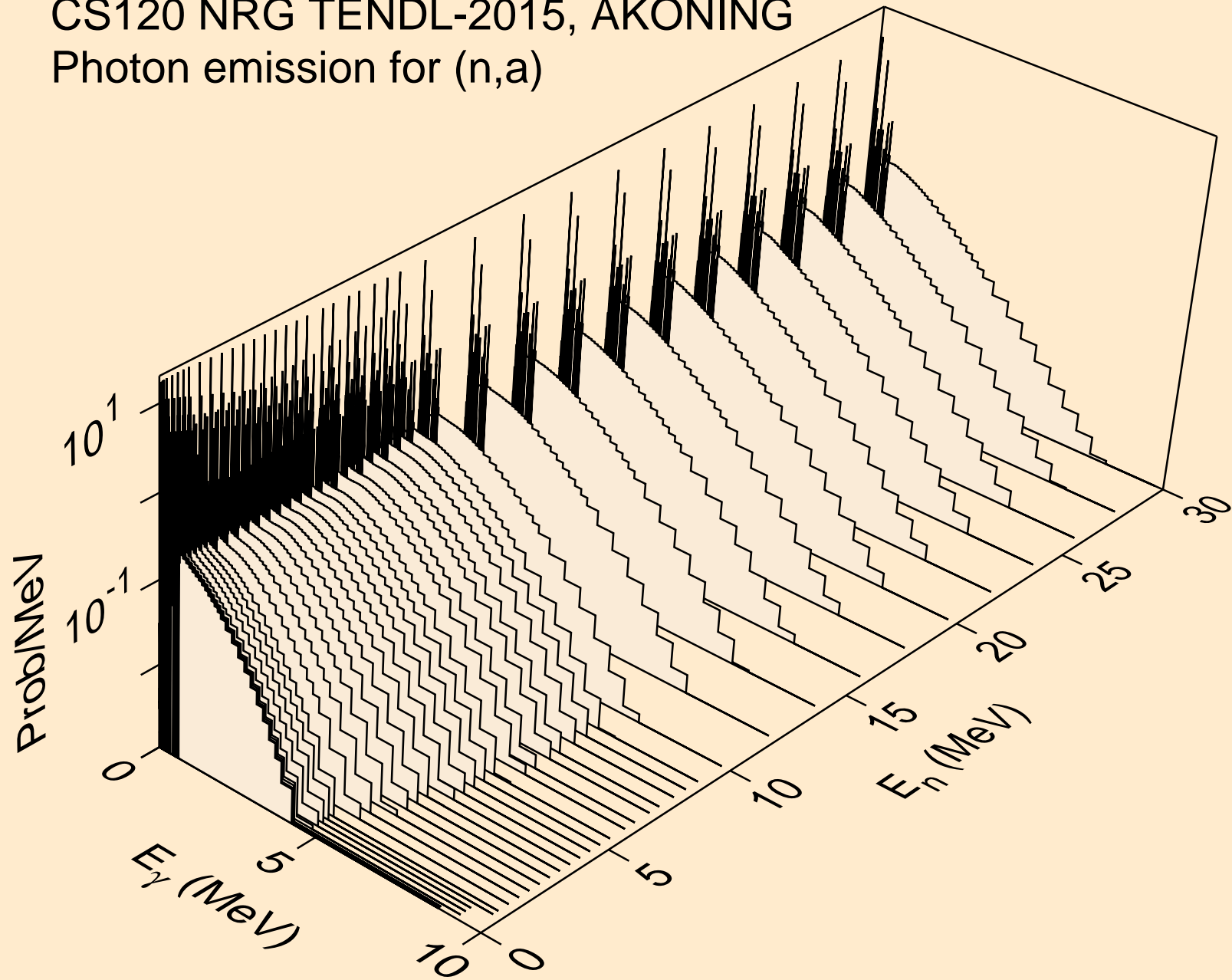
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



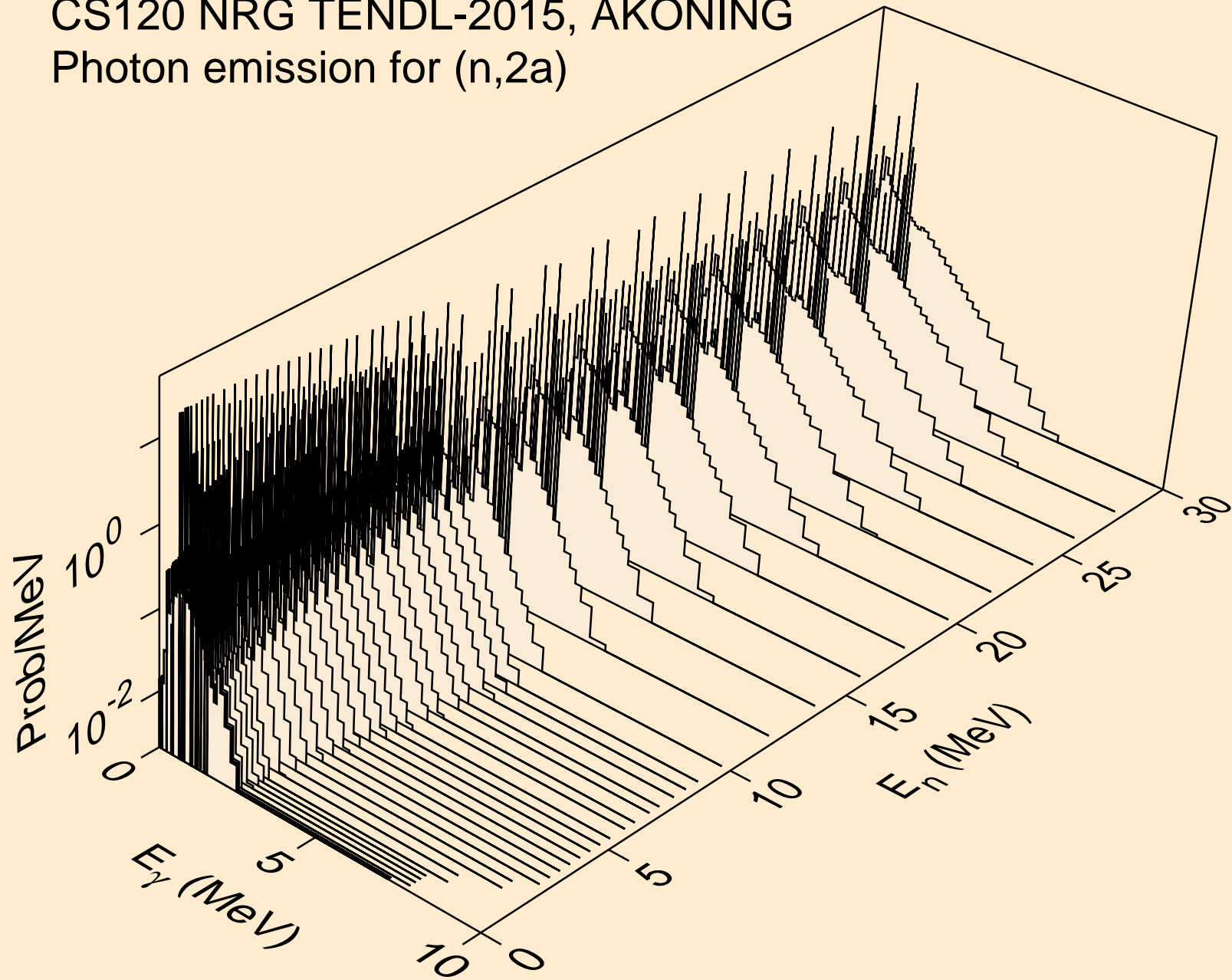
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



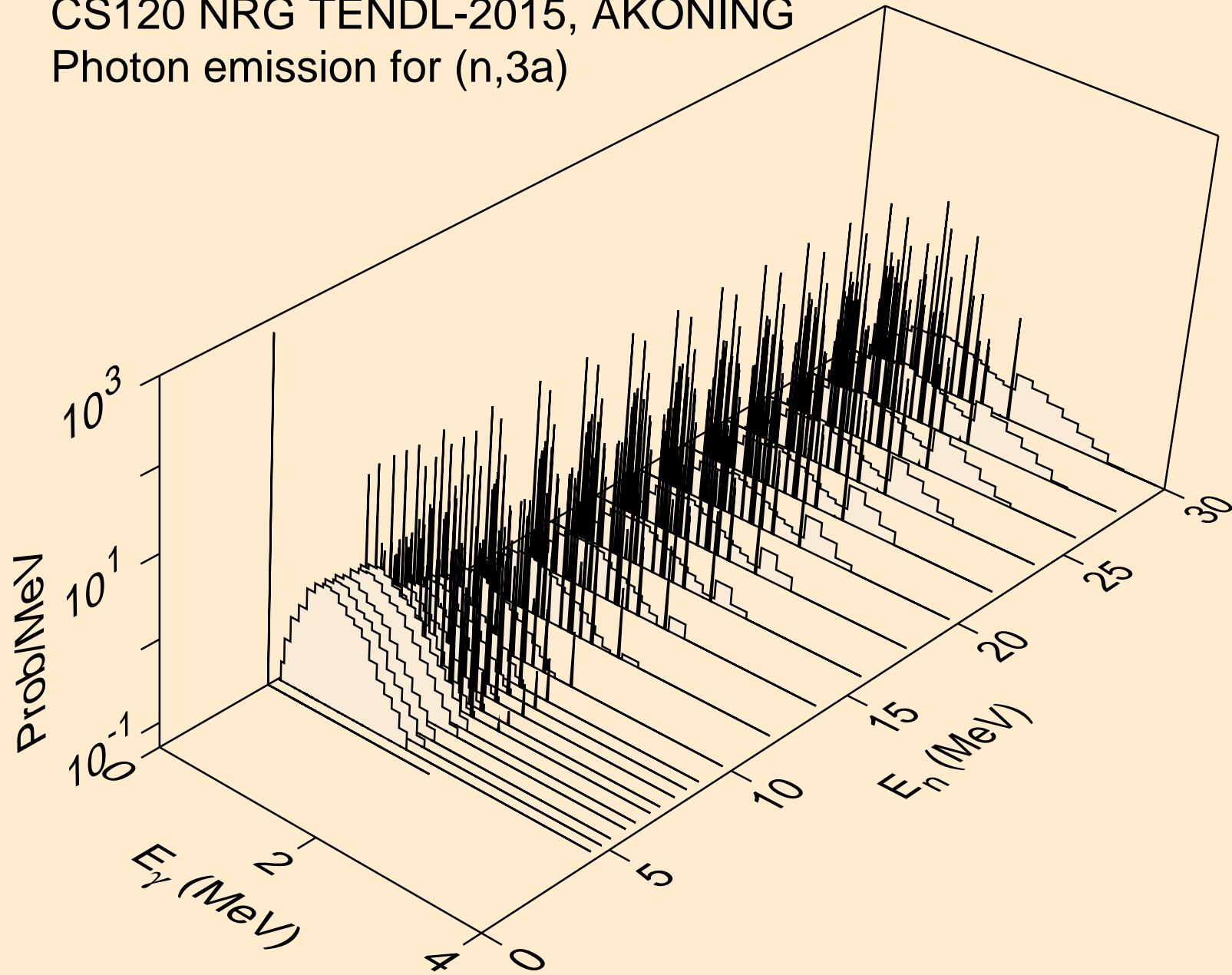
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



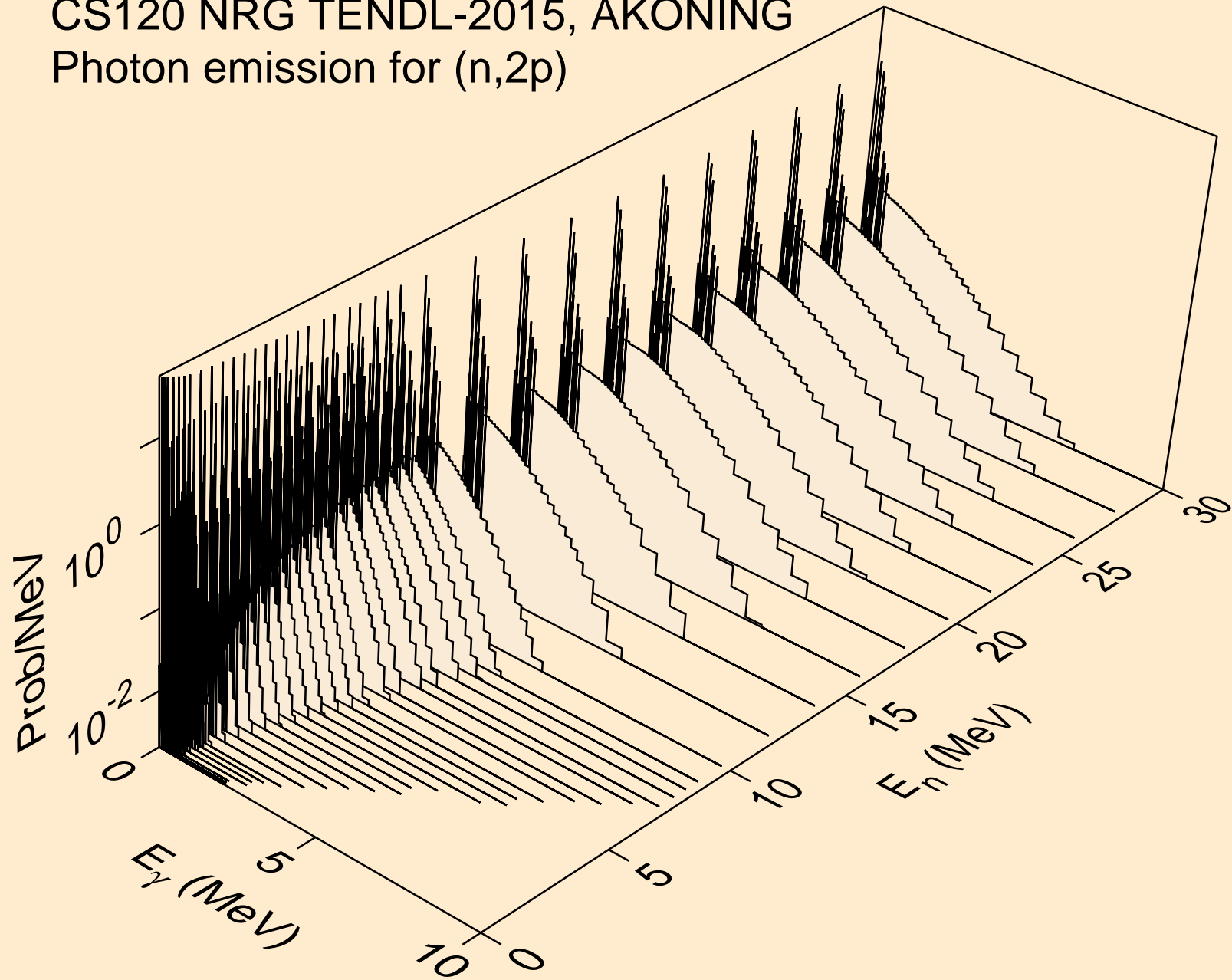
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

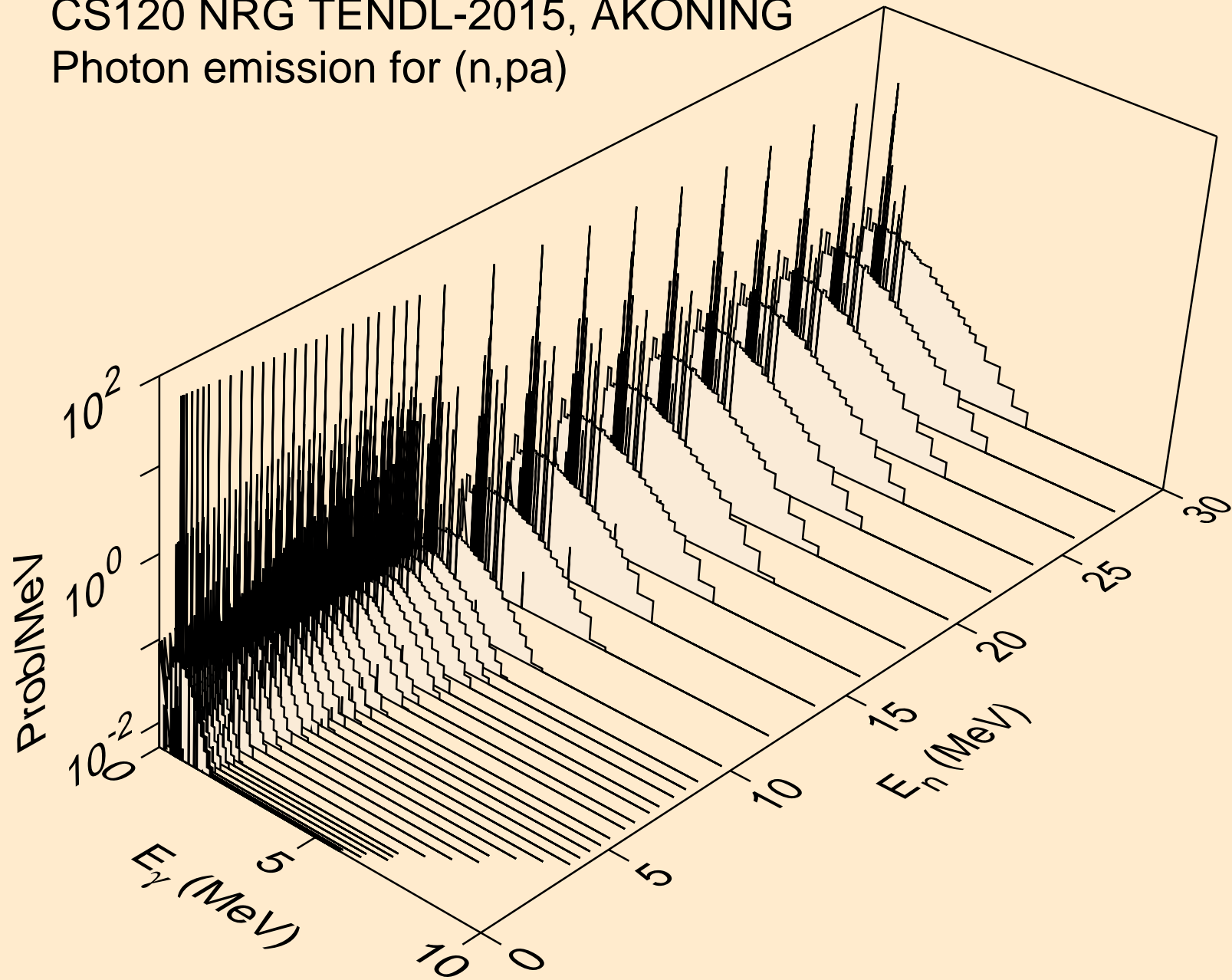


CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

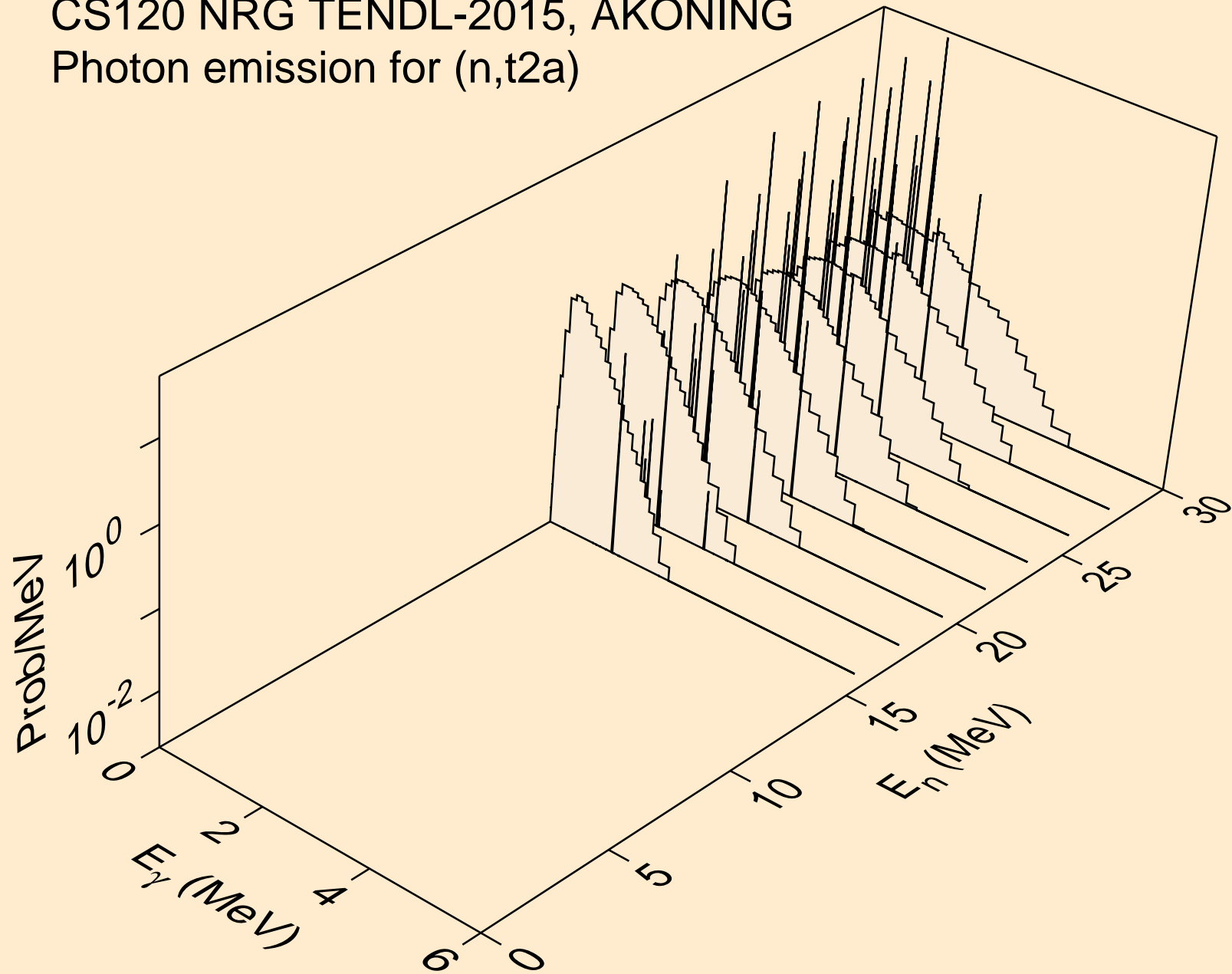




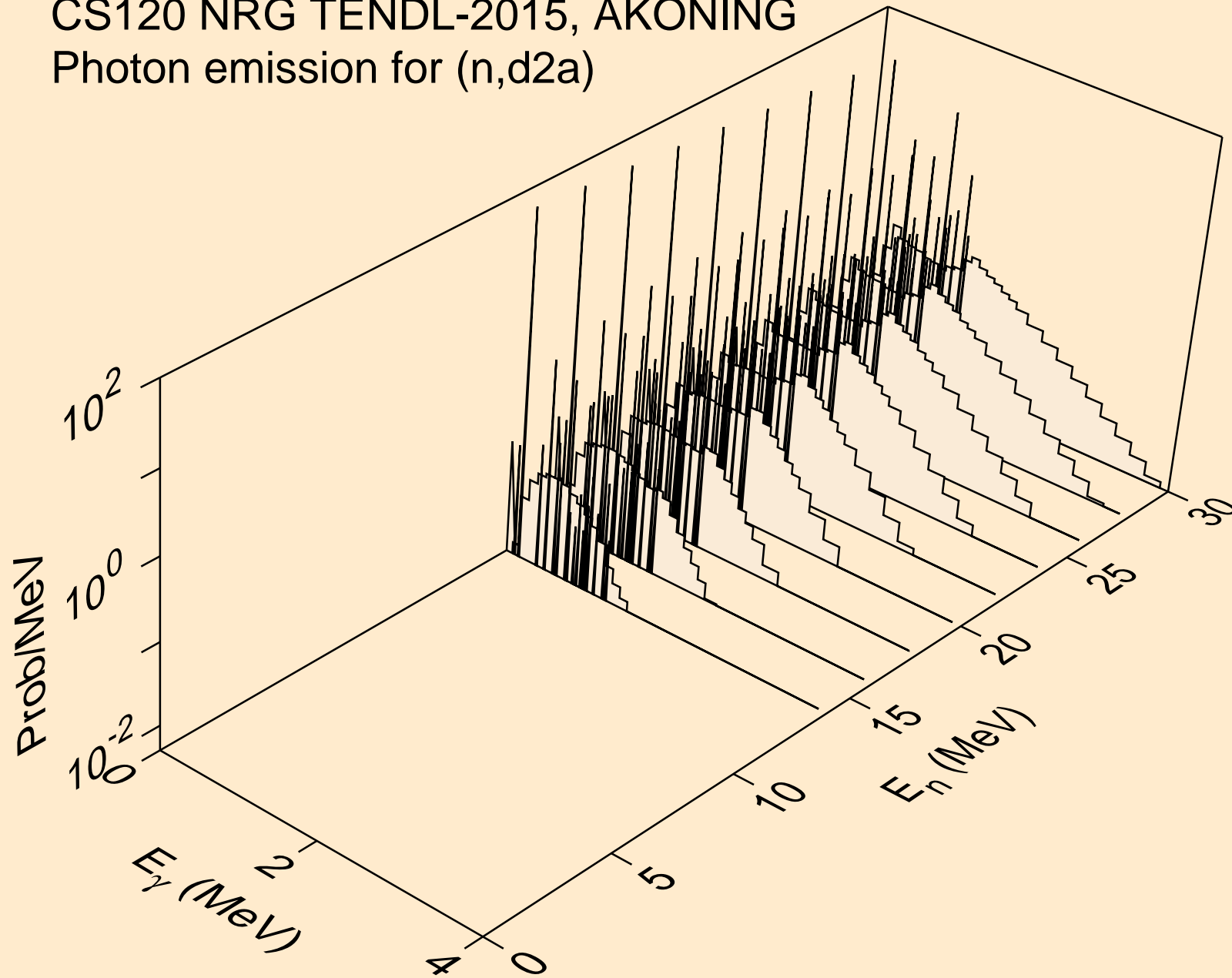
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



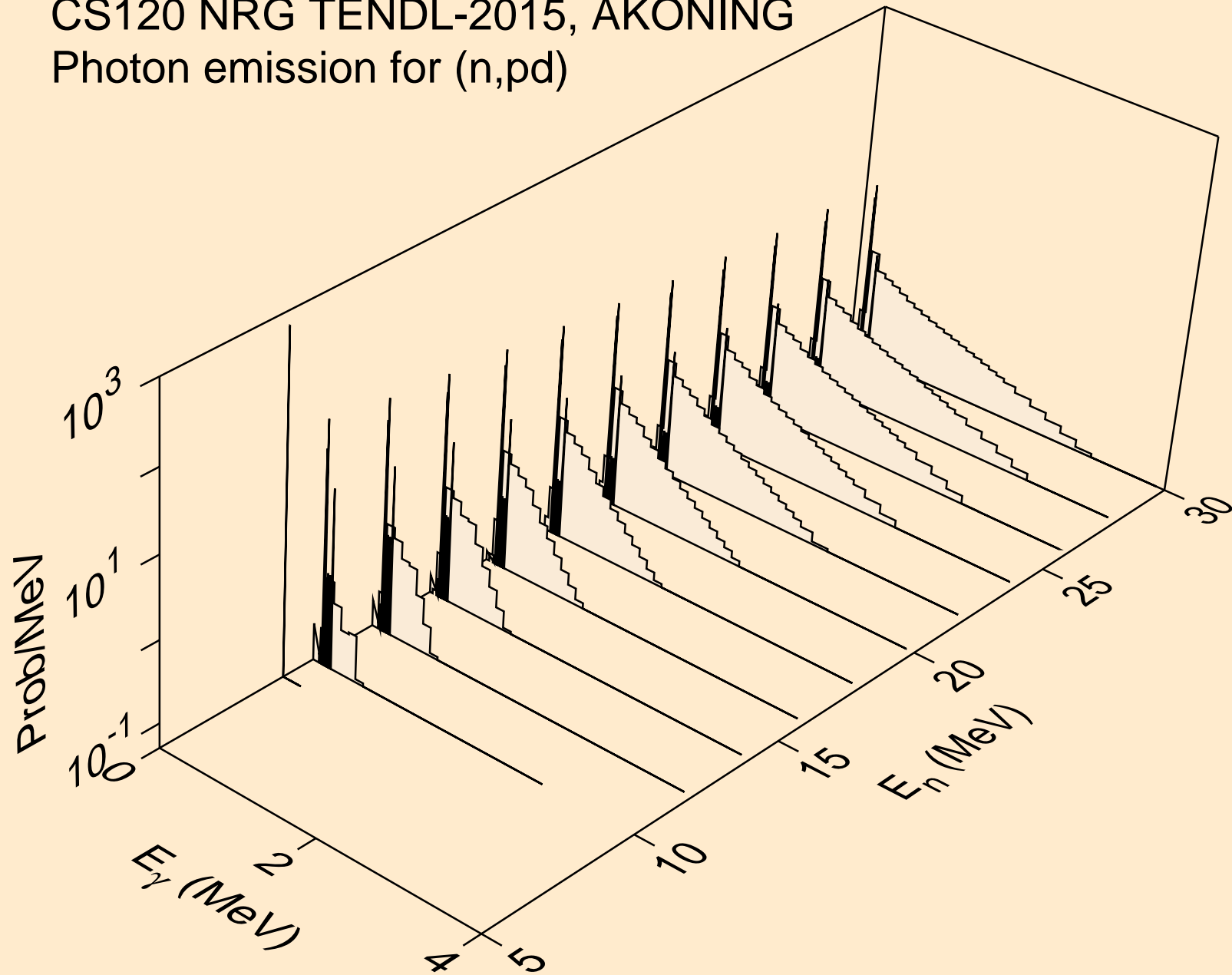
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



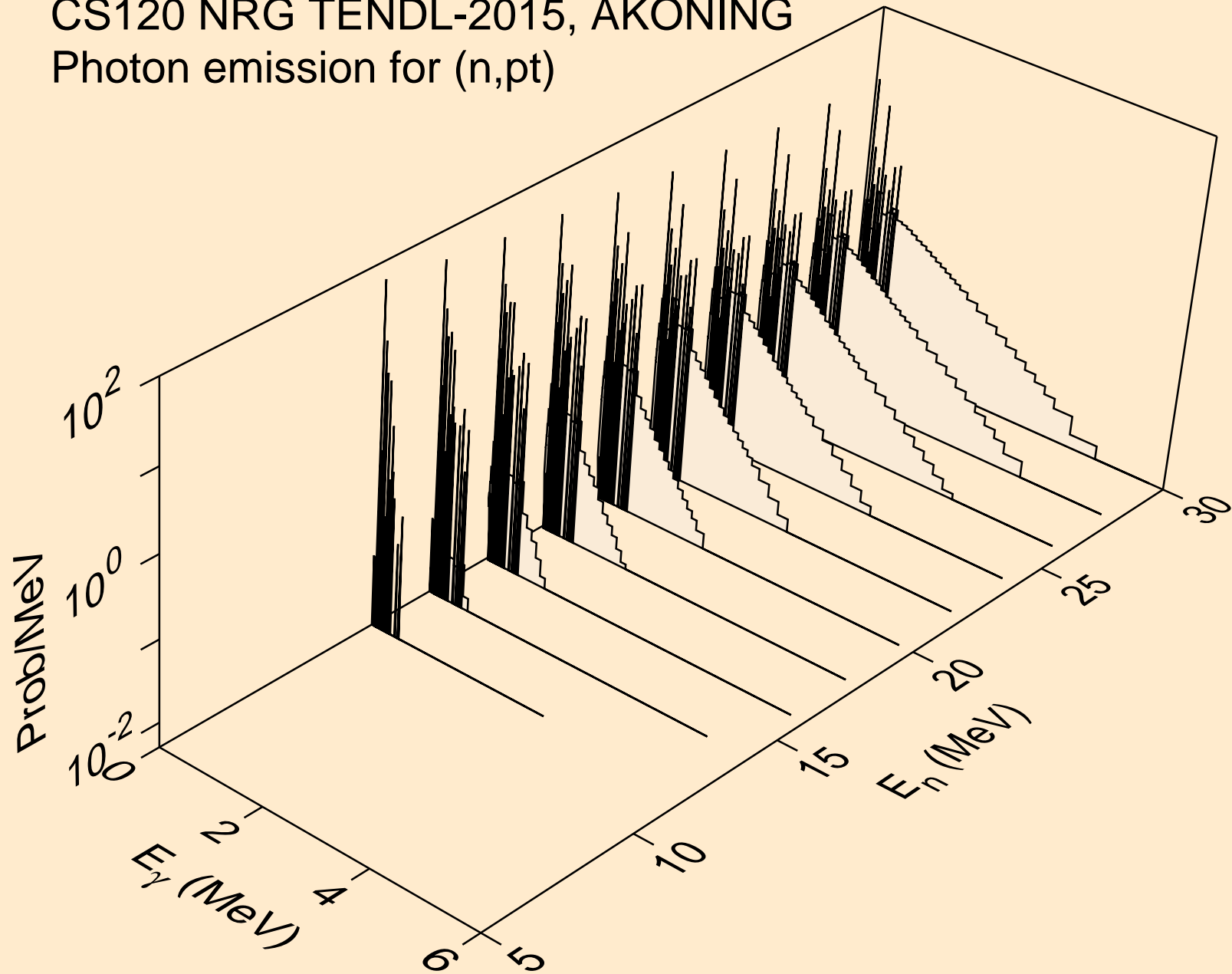
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



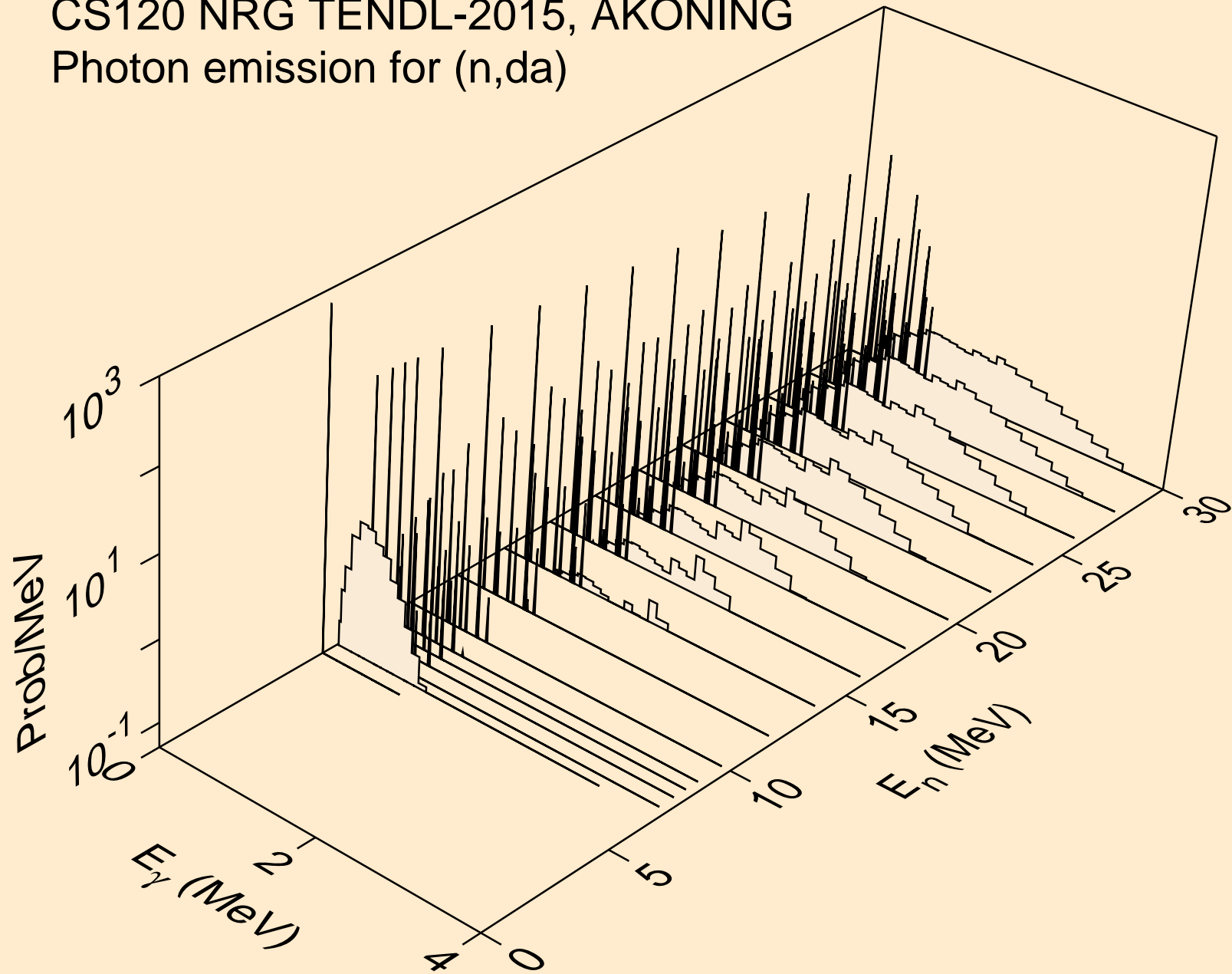
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



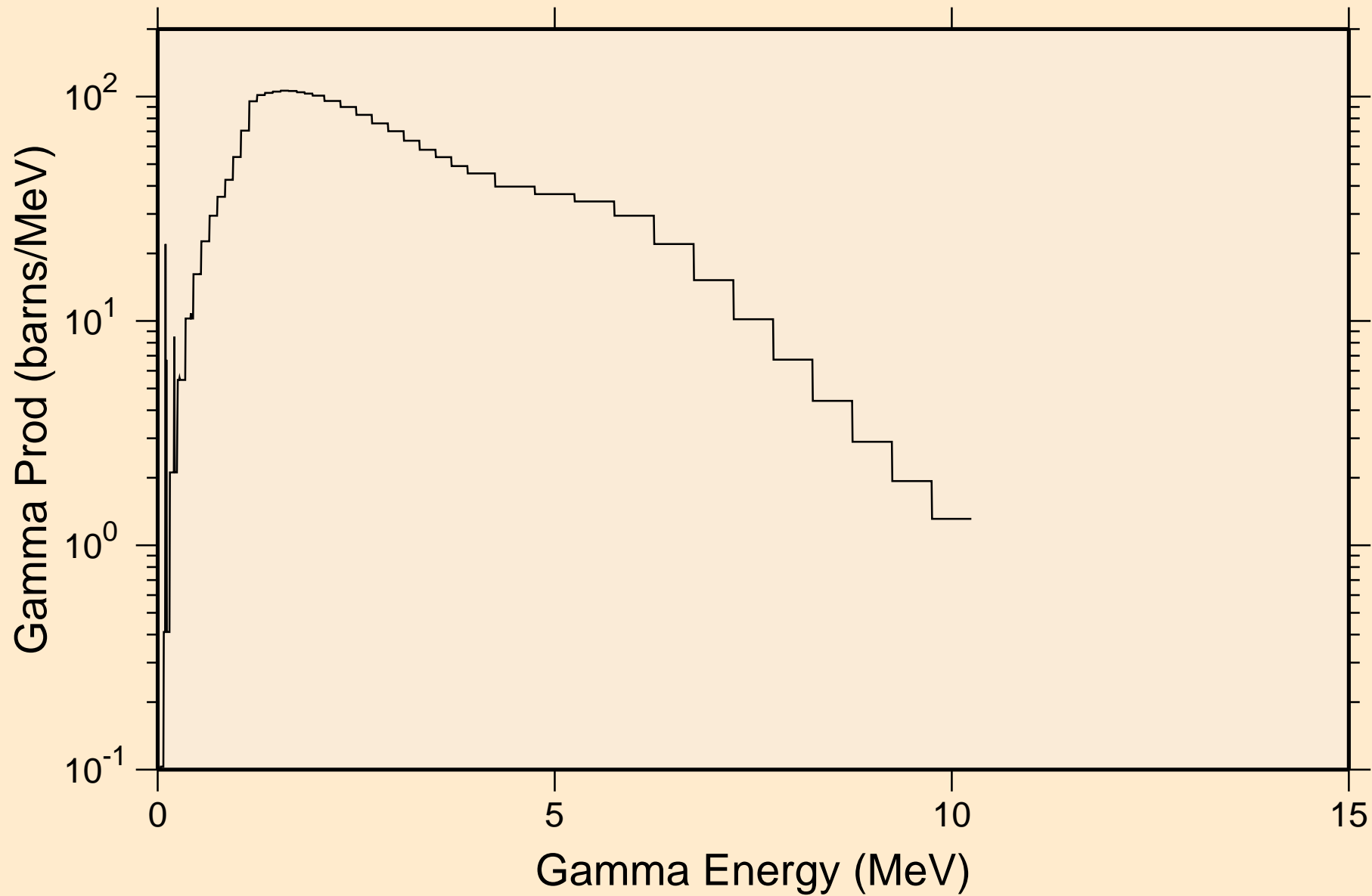
CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



CS120 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

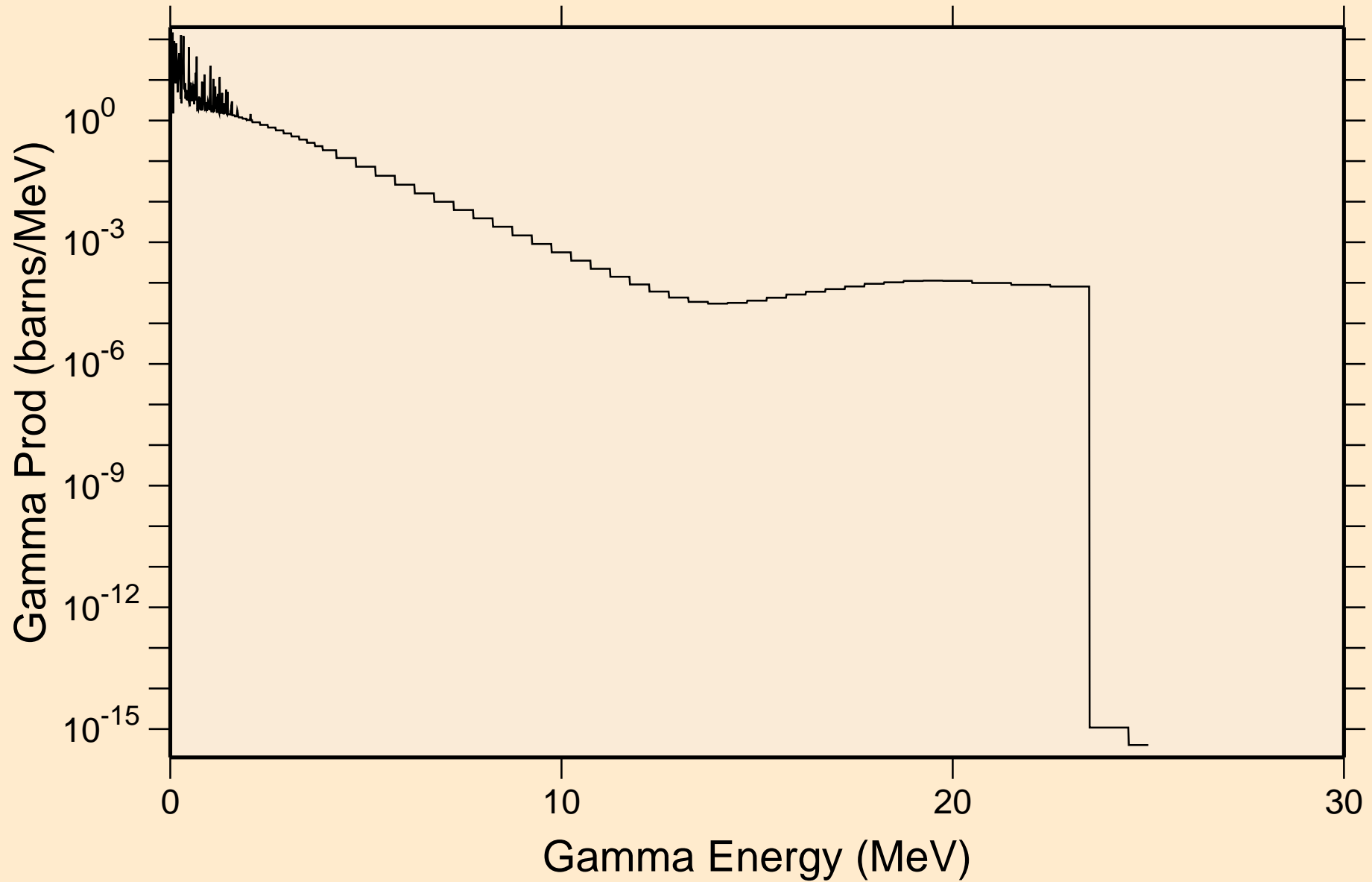


CS120 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



# CS120 NRG TENDL-2015, AKONING

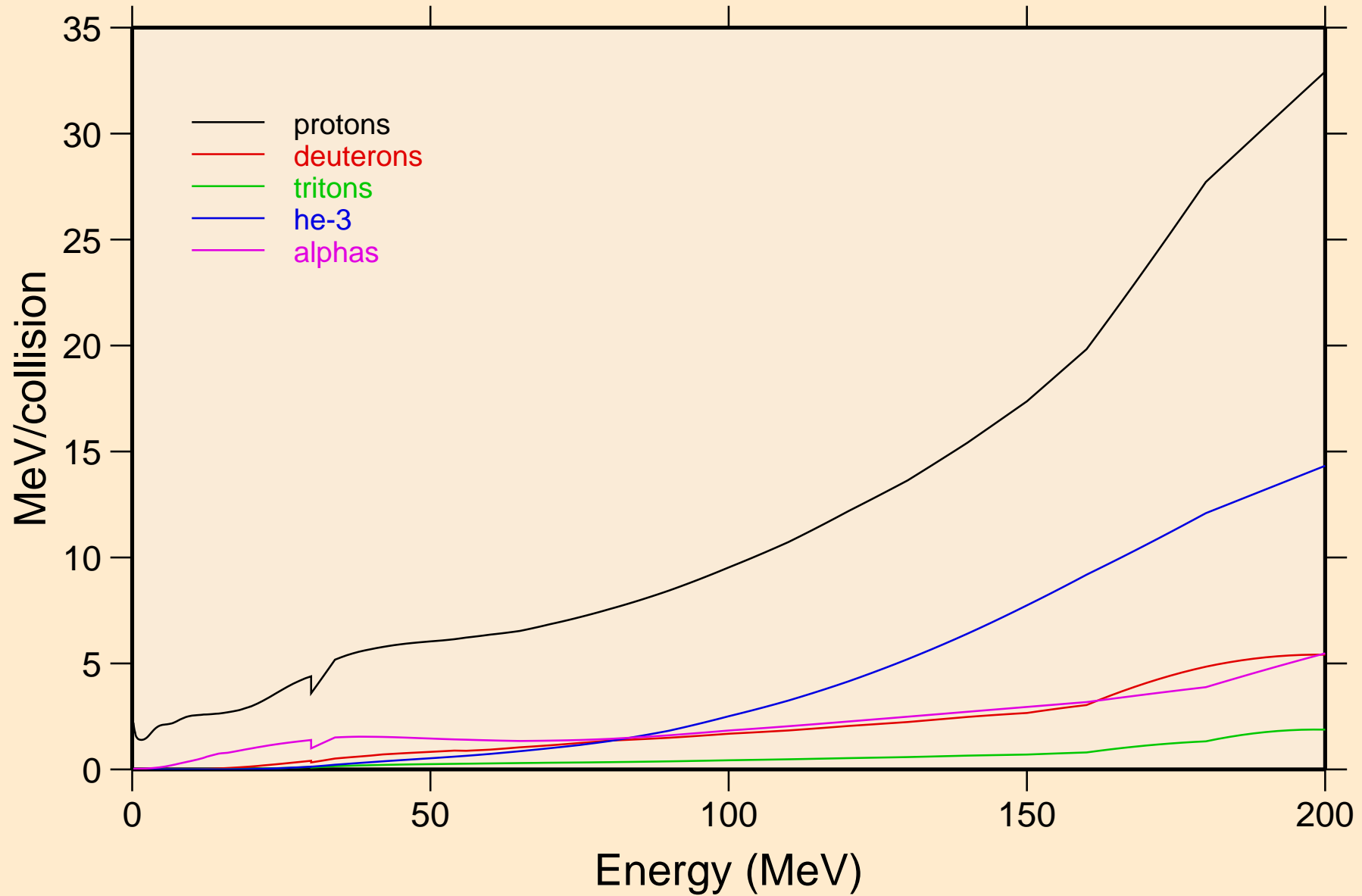
14 MeV photon spectrum





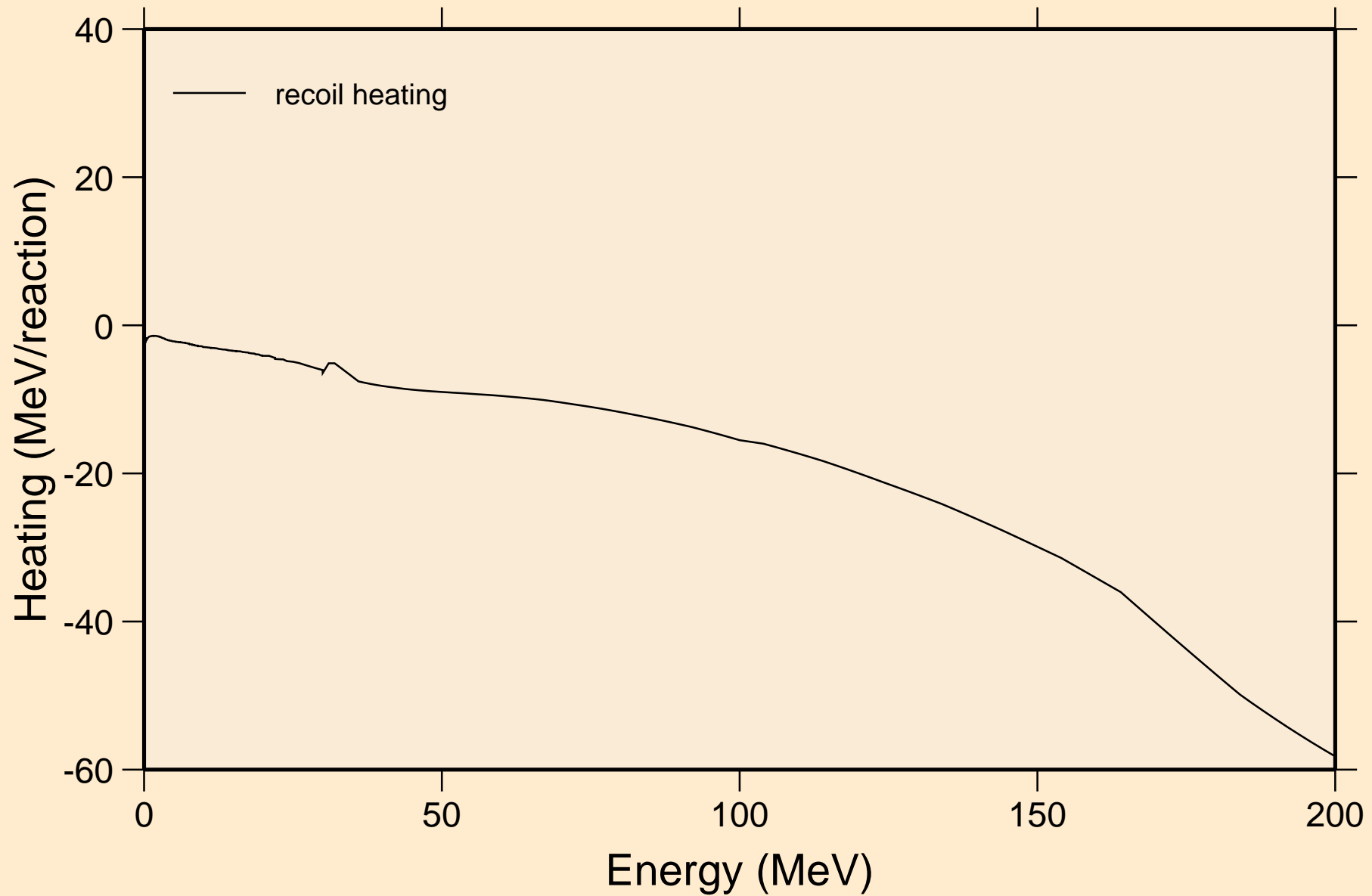
# CS120 NRG TENDL-2015, AKONING

## Particle heating contributions



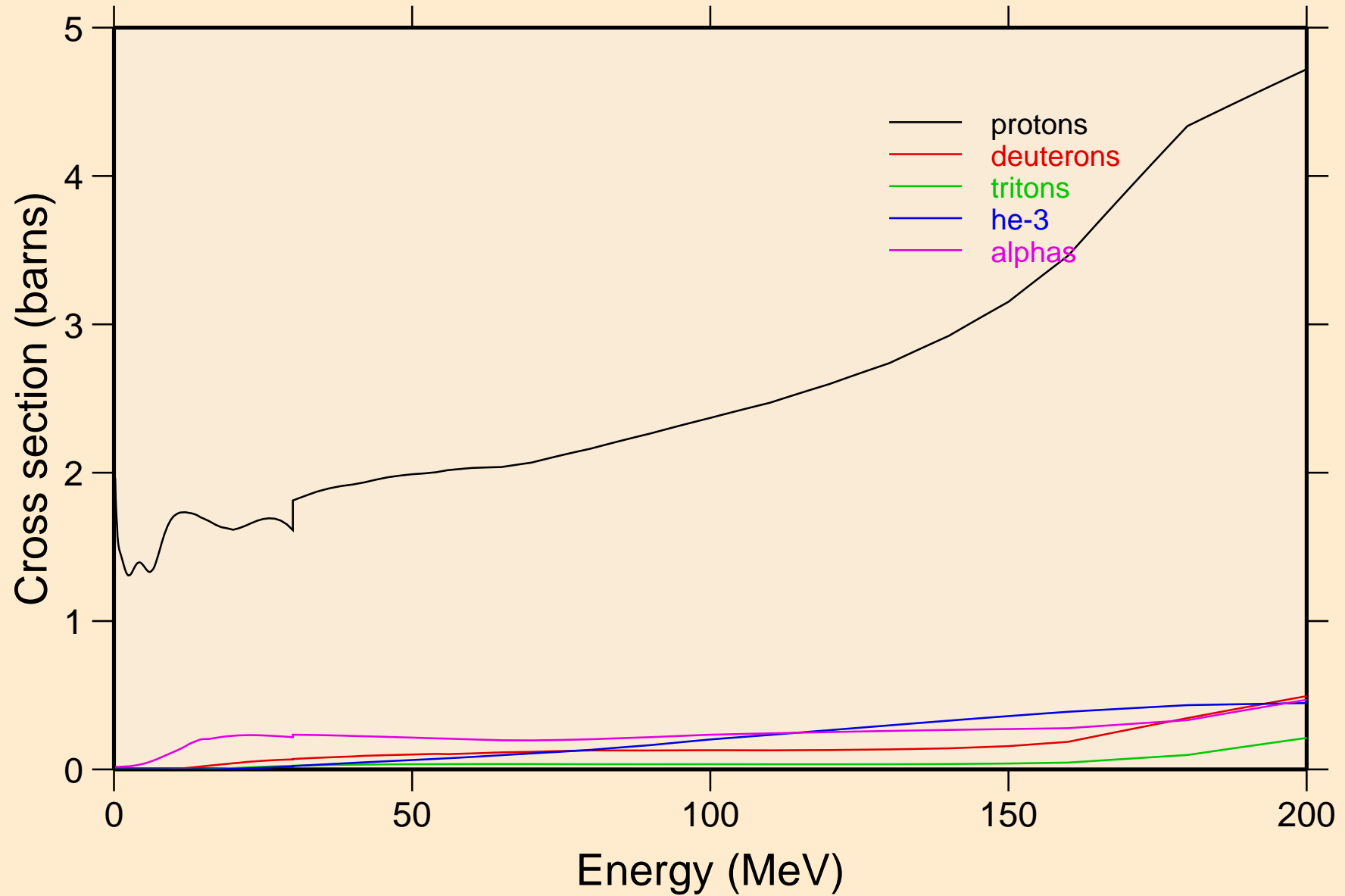
# CS120 NRG TENDL-2015, AKONING

## Recoil Heating

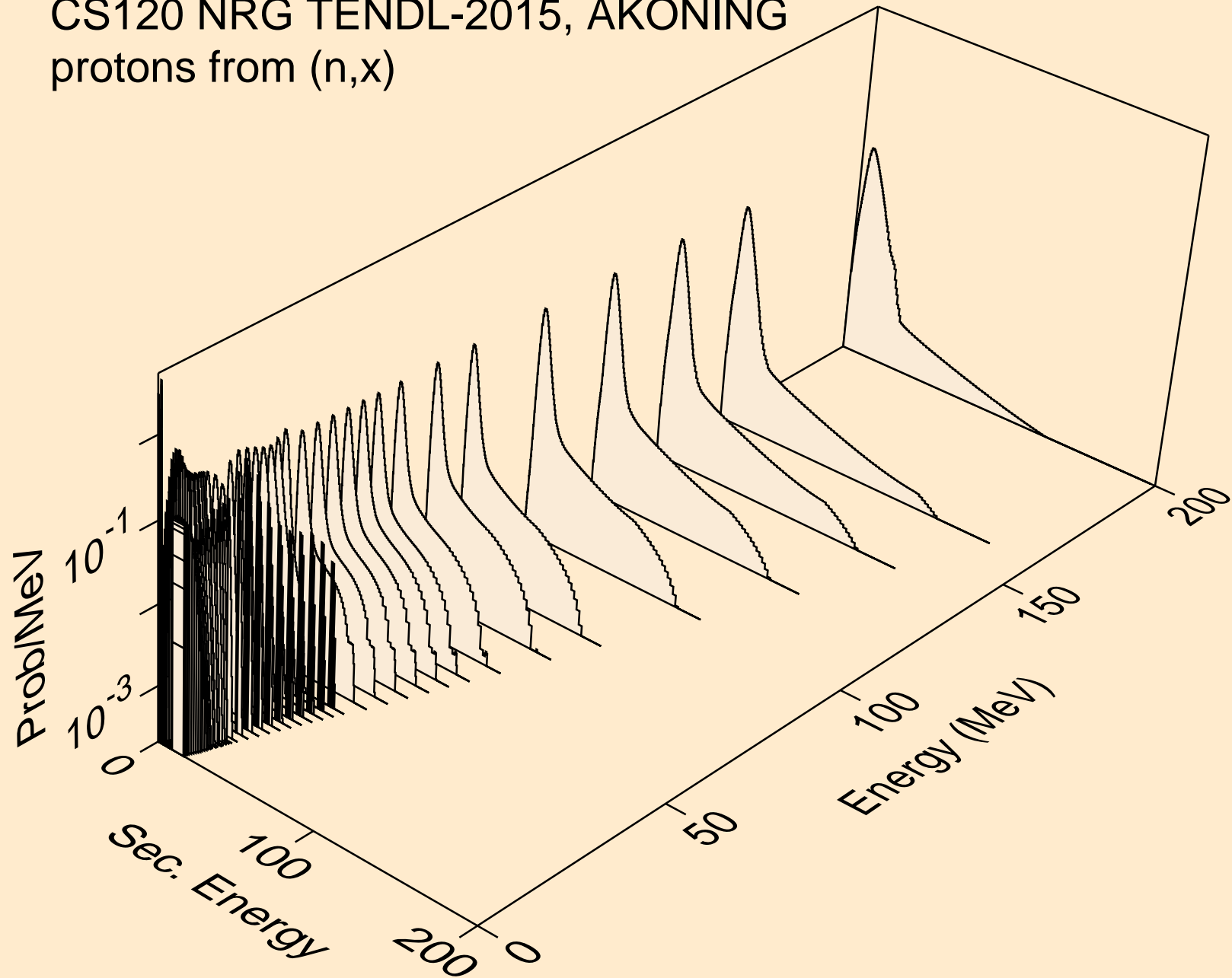


# CS120 NRG TENDL-2015, AKONING

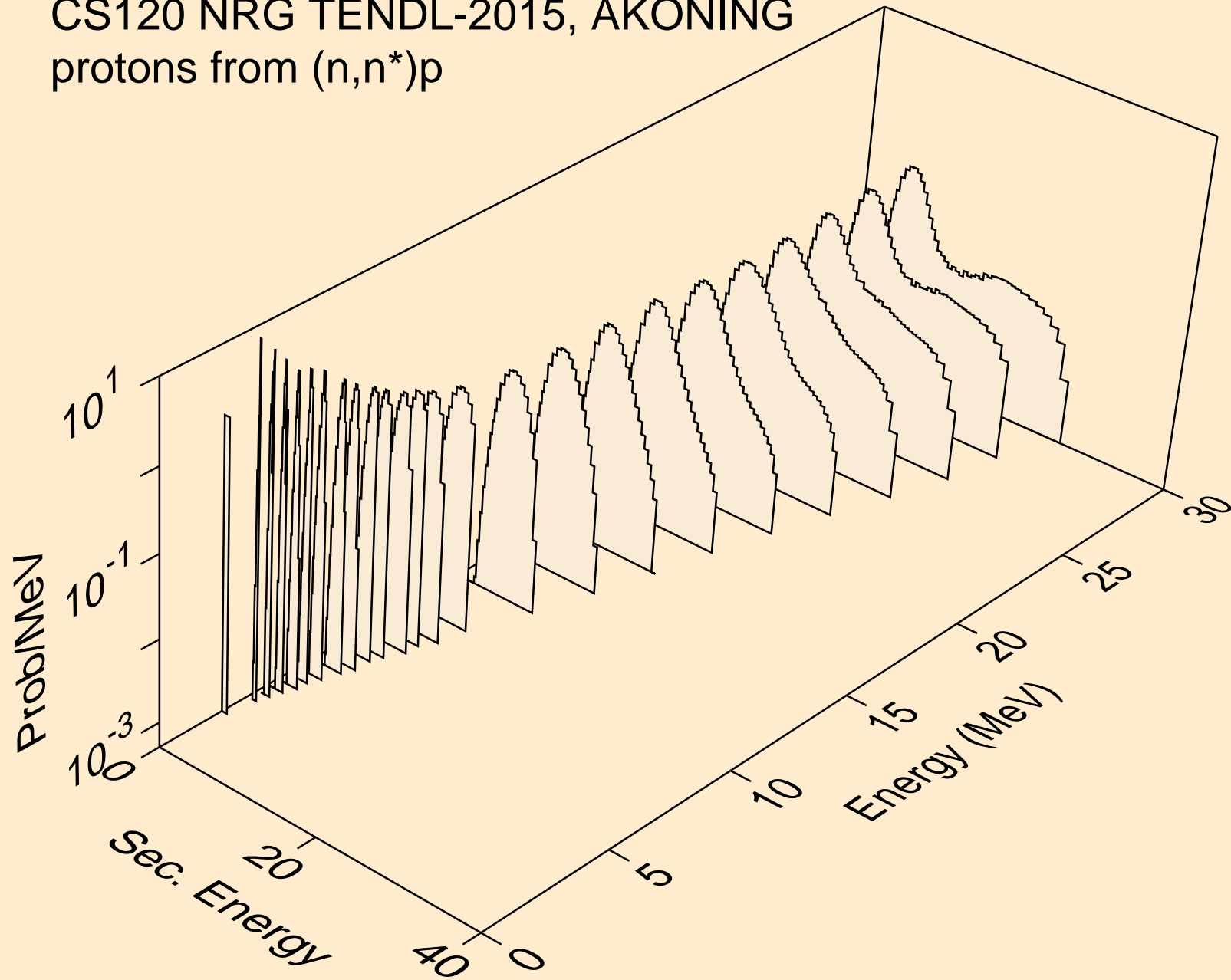
## Particle production cross sections



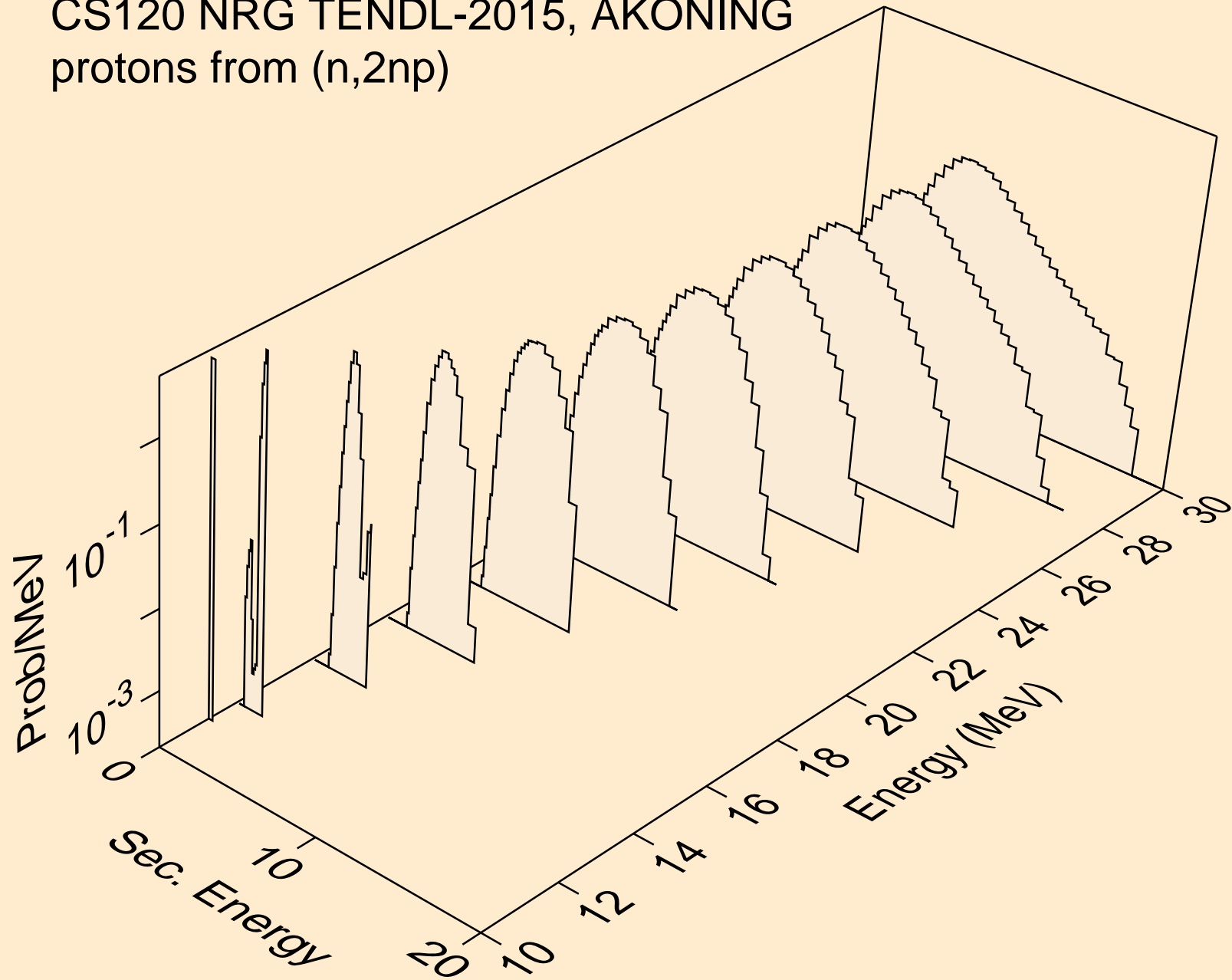
CS120 NRG TENDL-2015, AKONING  
protons from (n,x)



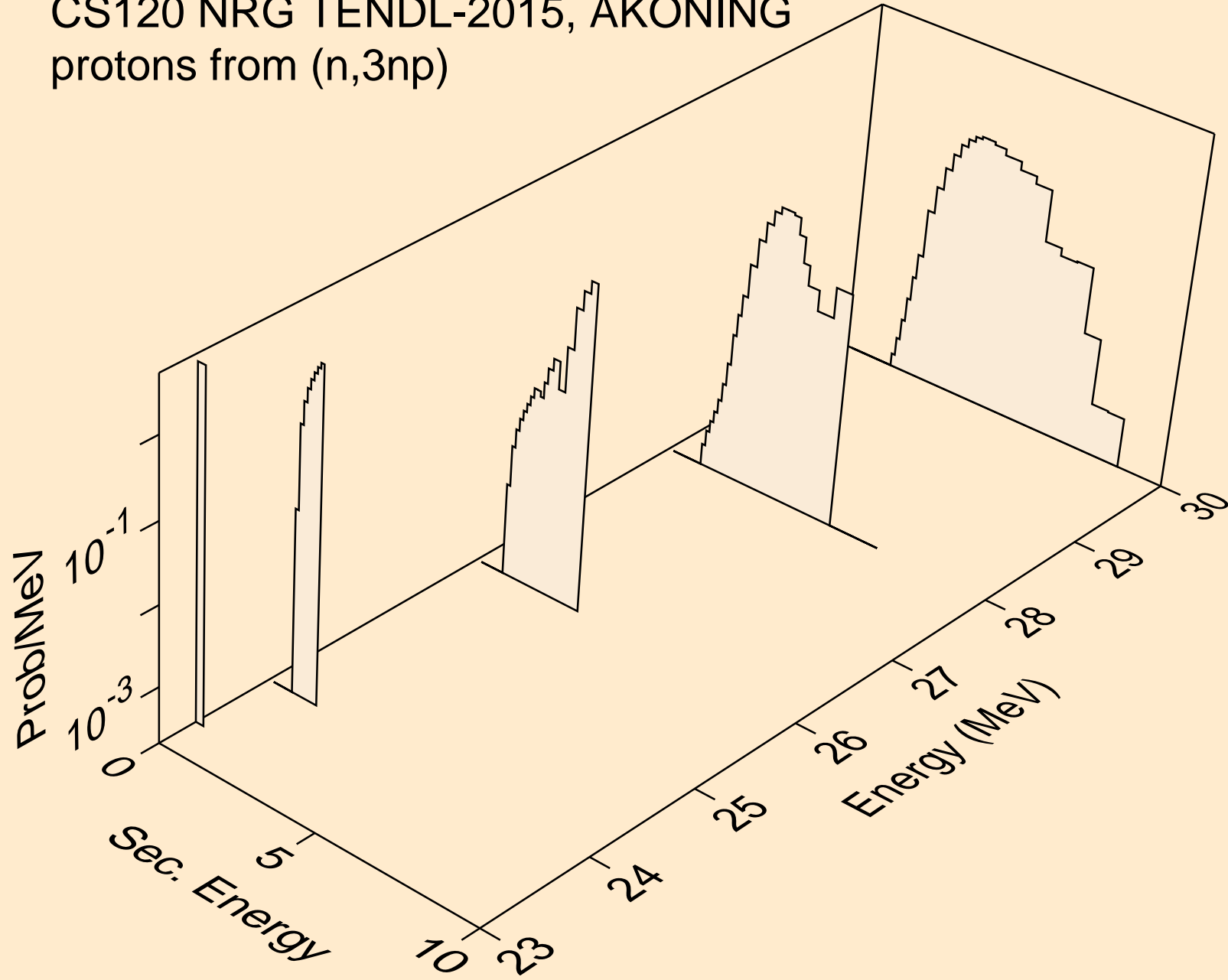
CS120 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



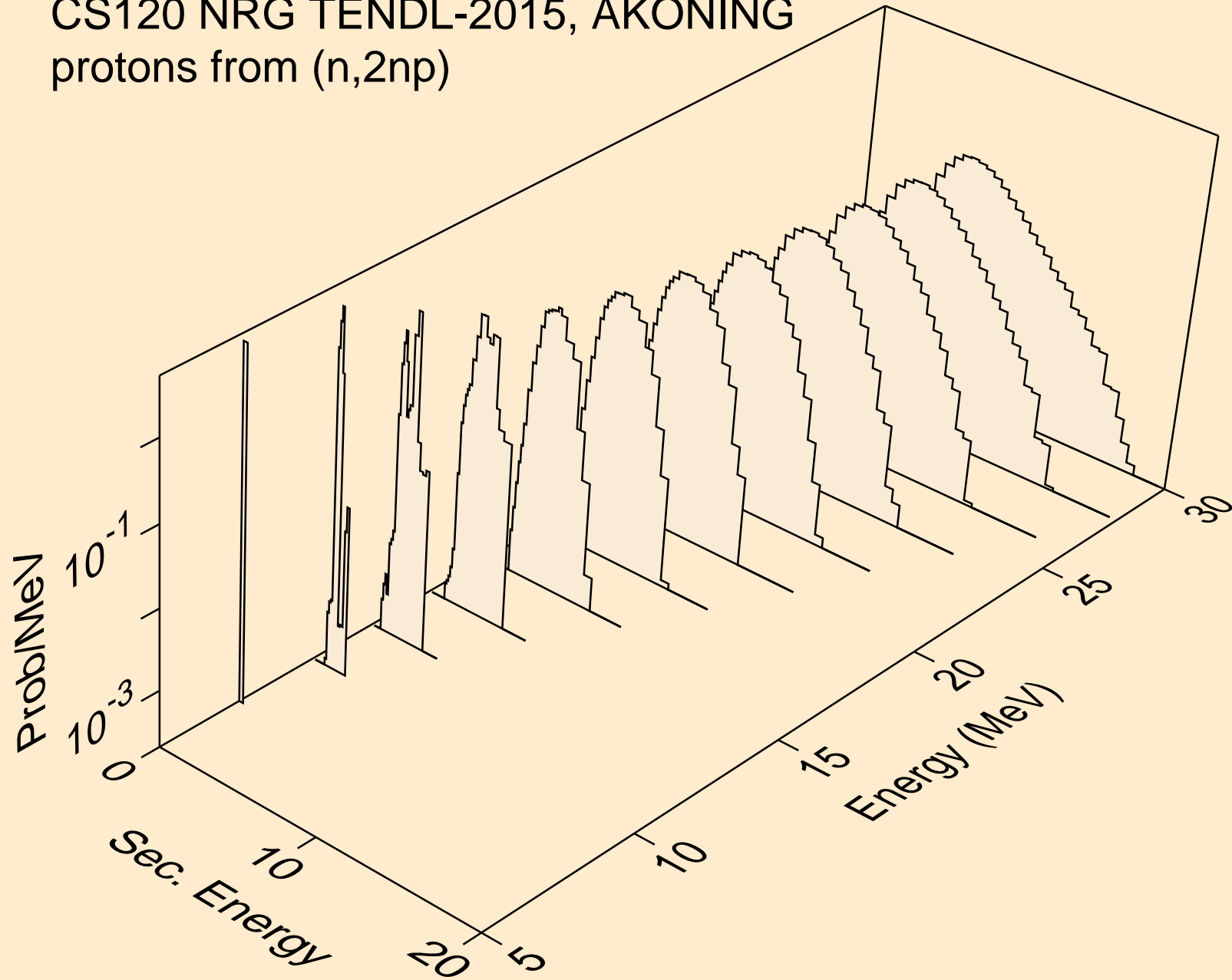
CS120 NRG TENDL-2015, AKONING  
protons from (n,2np)



CS120 NRG TENDL-2015, AKONING  
protons from (n,3np)

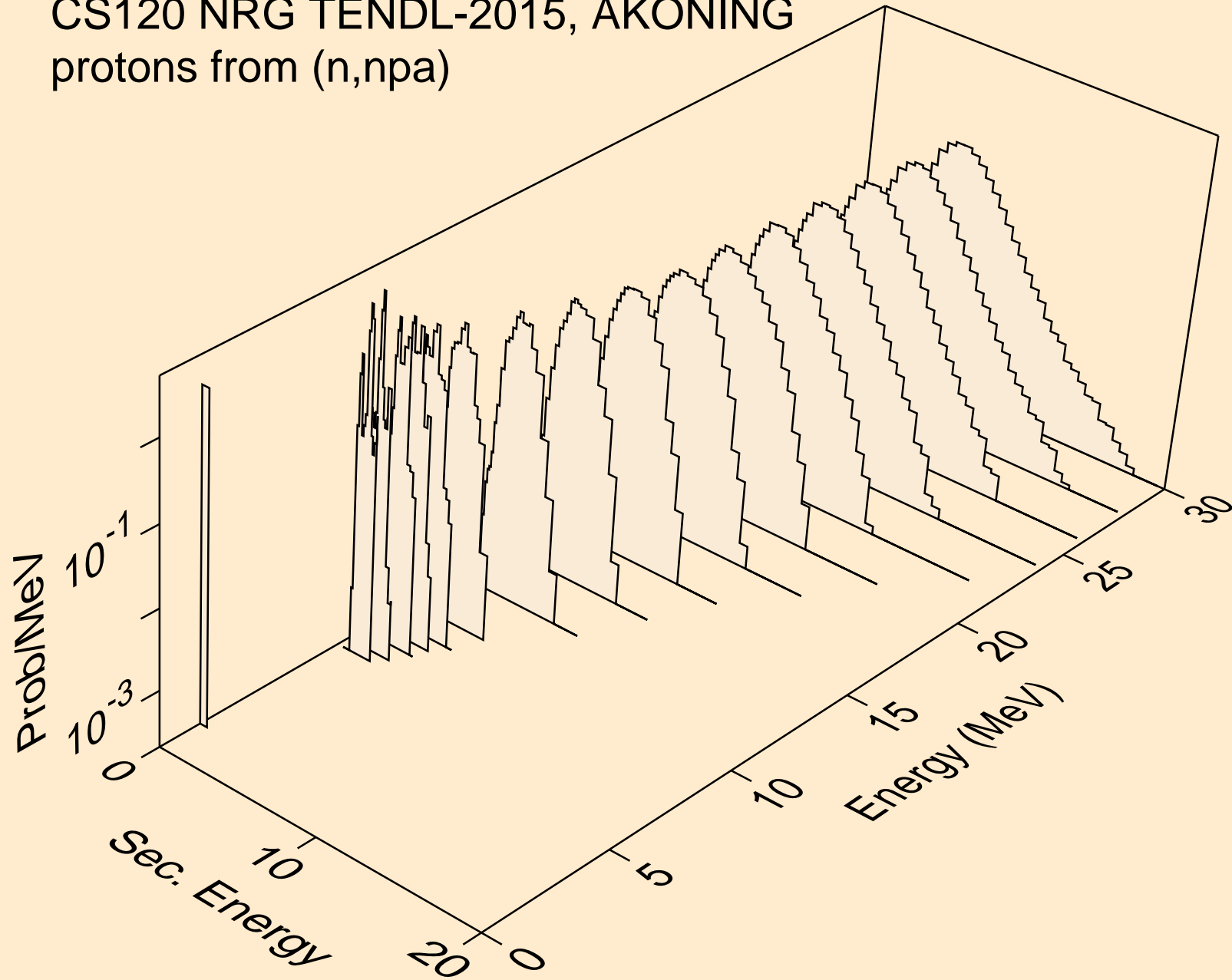


CS120 NRG TENDL-2015, AKONING  
protons from (n,2np)

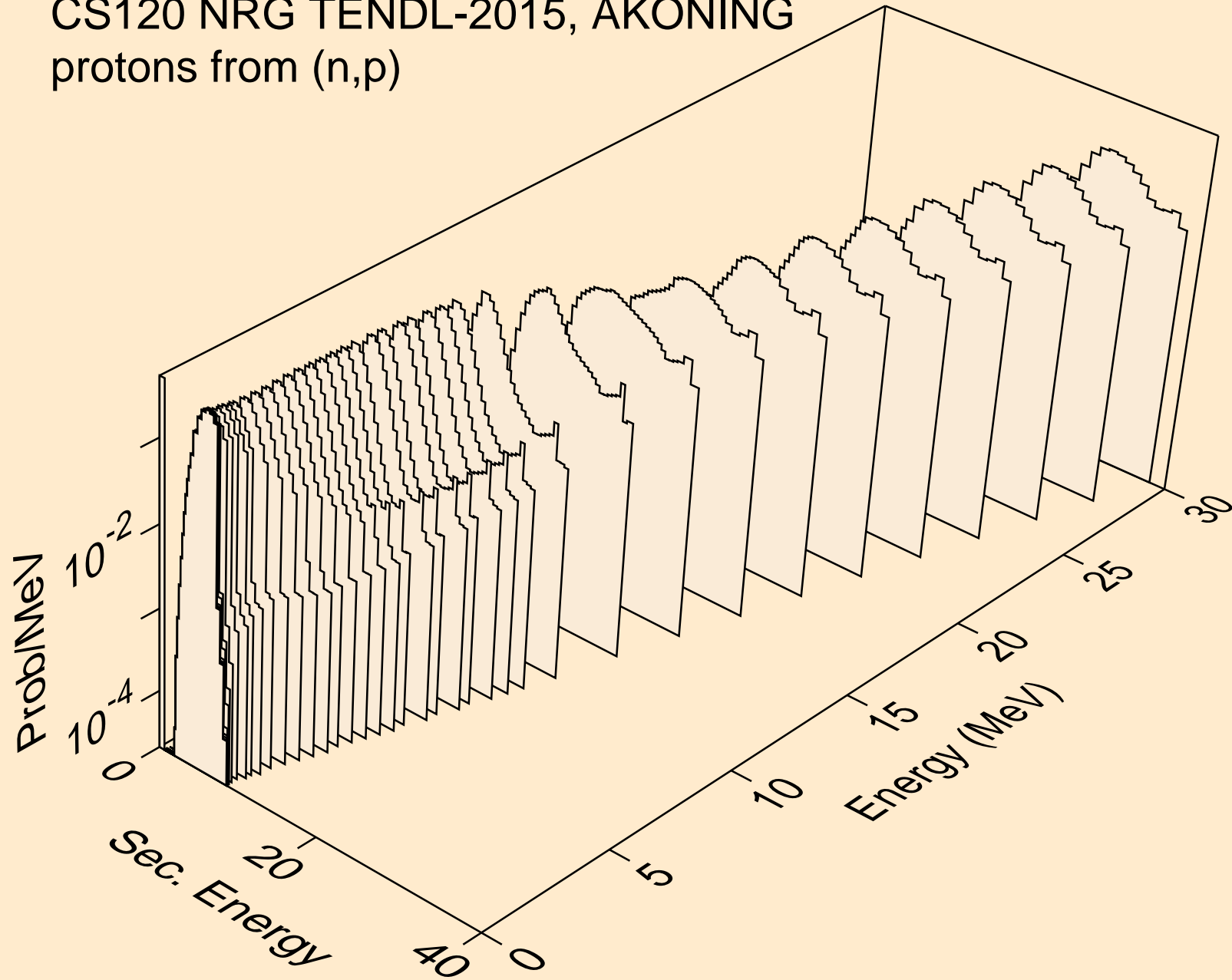




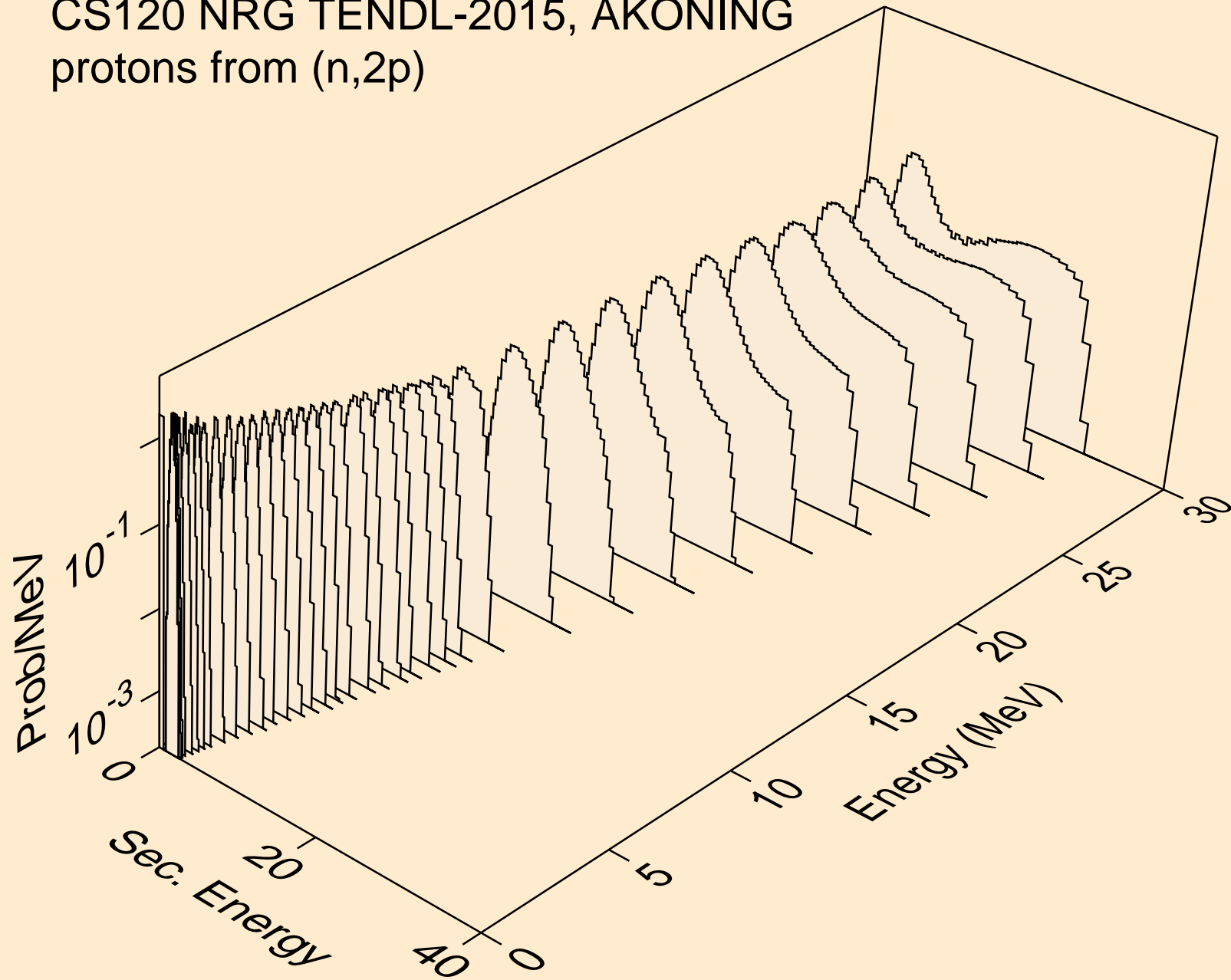
CS120 NRG TENDL-2015, AKONING  
protons from (n,npa)



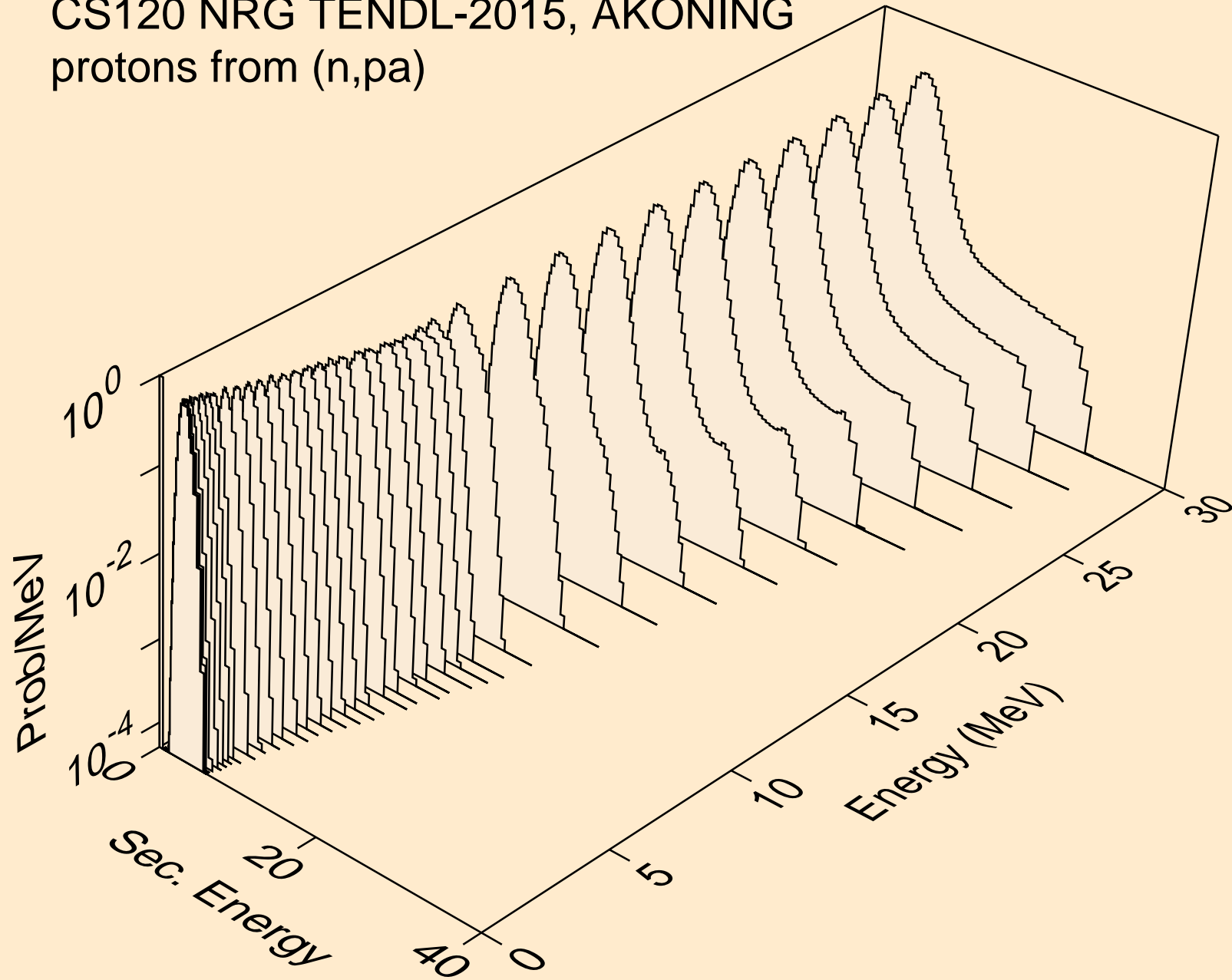
CS120 NRG TENDL-2015, AKONING  
protons from (n,p)



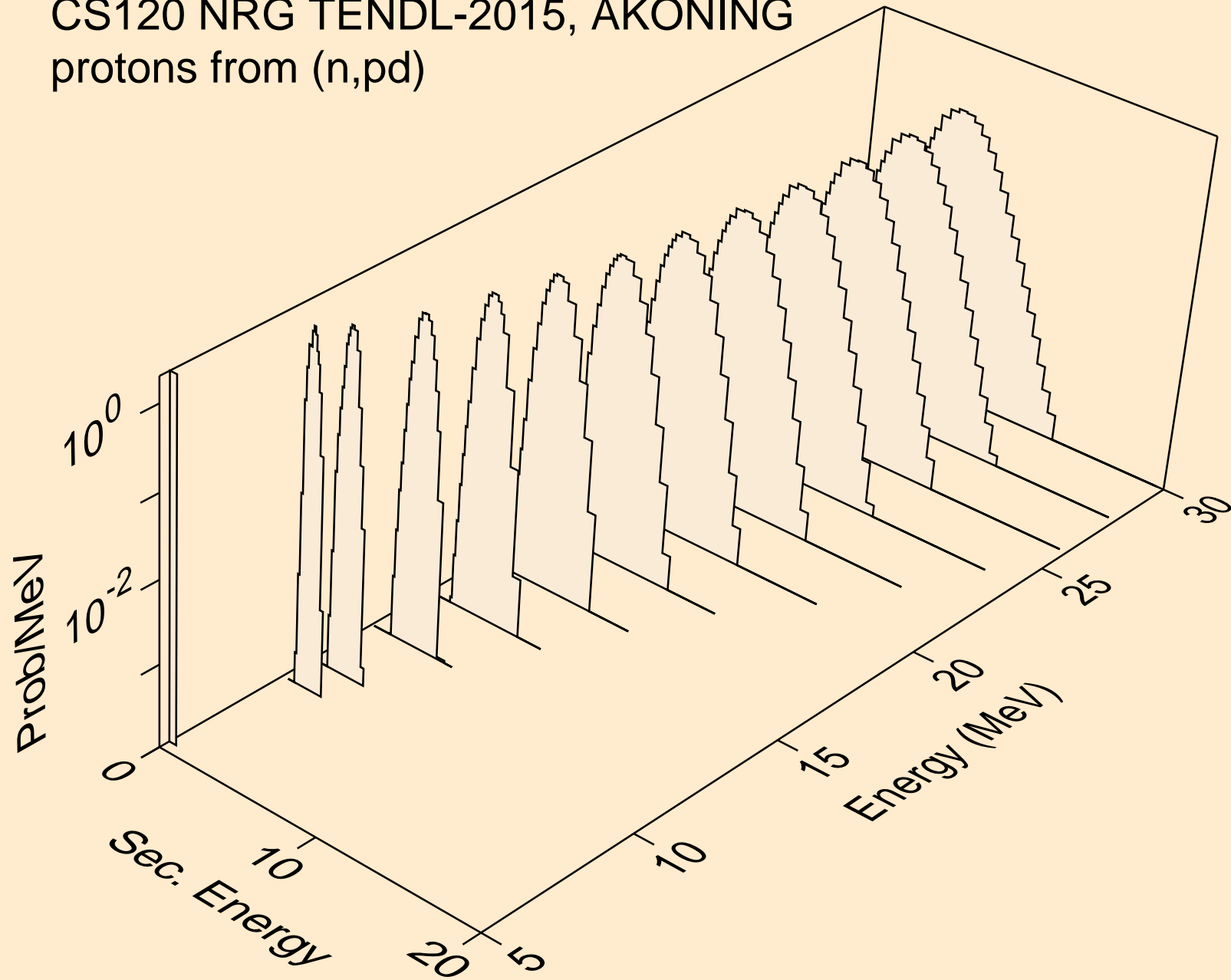
CS120 NRG TENDL-2015, AKONING  
protons from (n,2p)



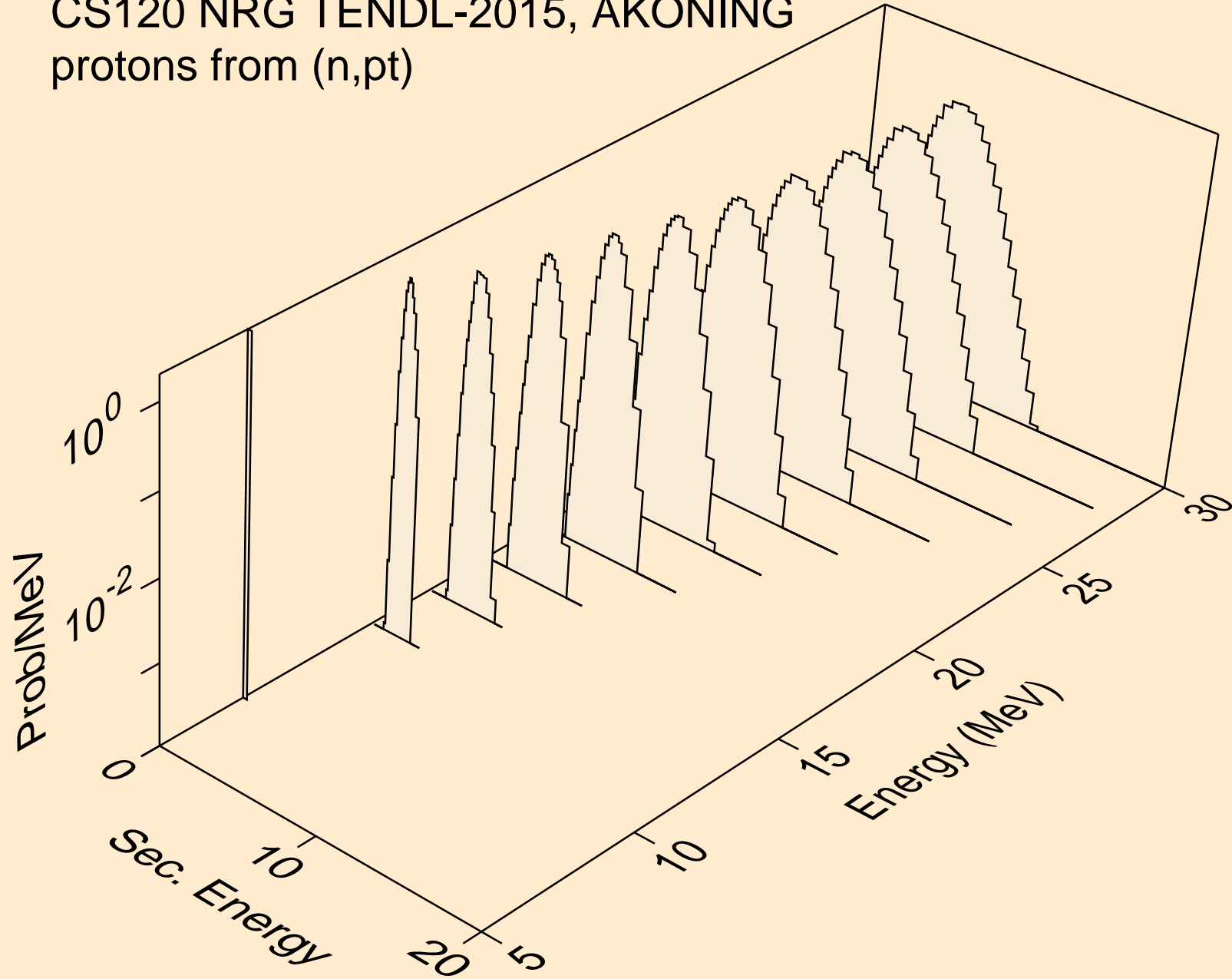
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protons from (n,pa)



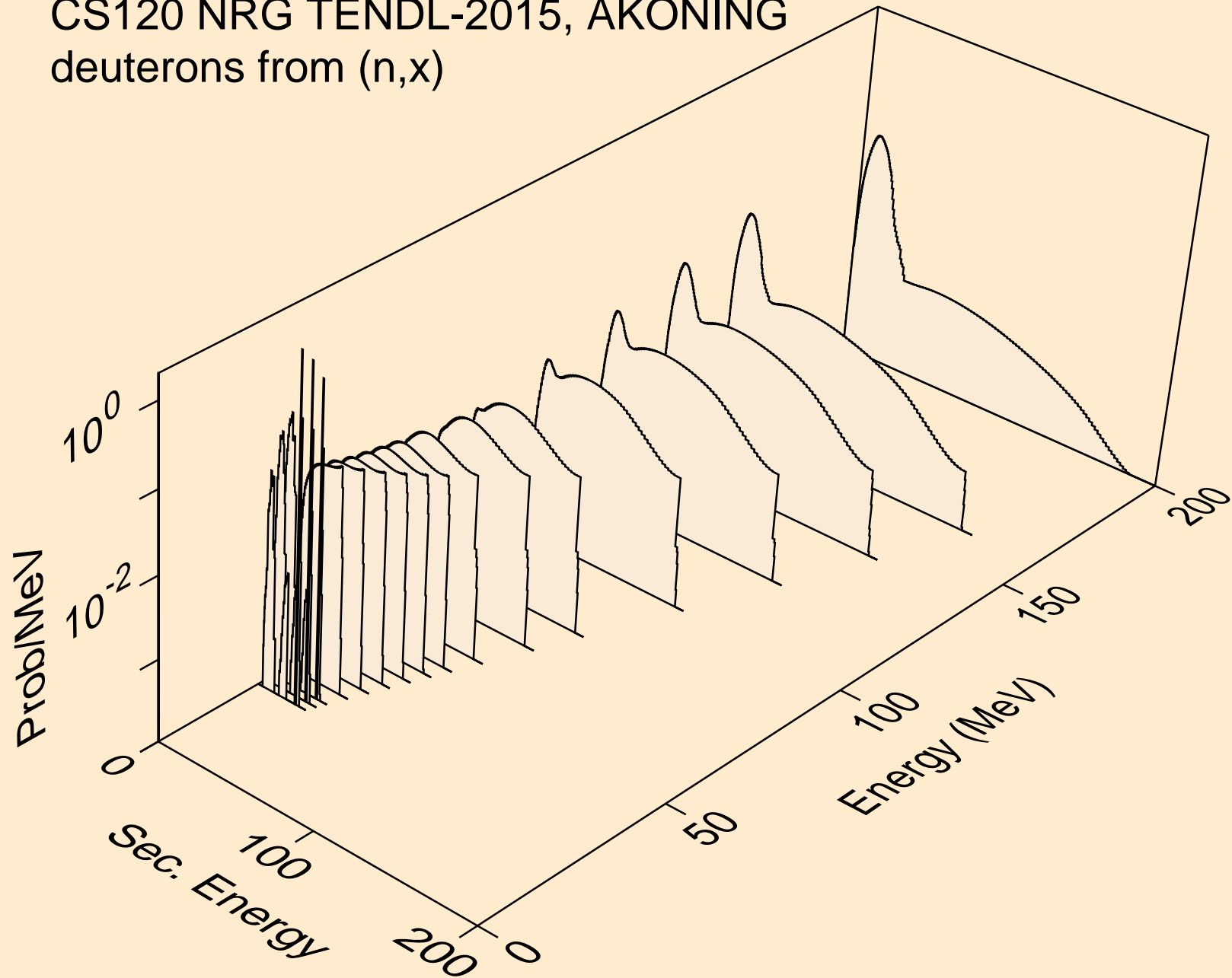
CS120 NRG TENDL-2015, AKONING  
protons from (n,pd)



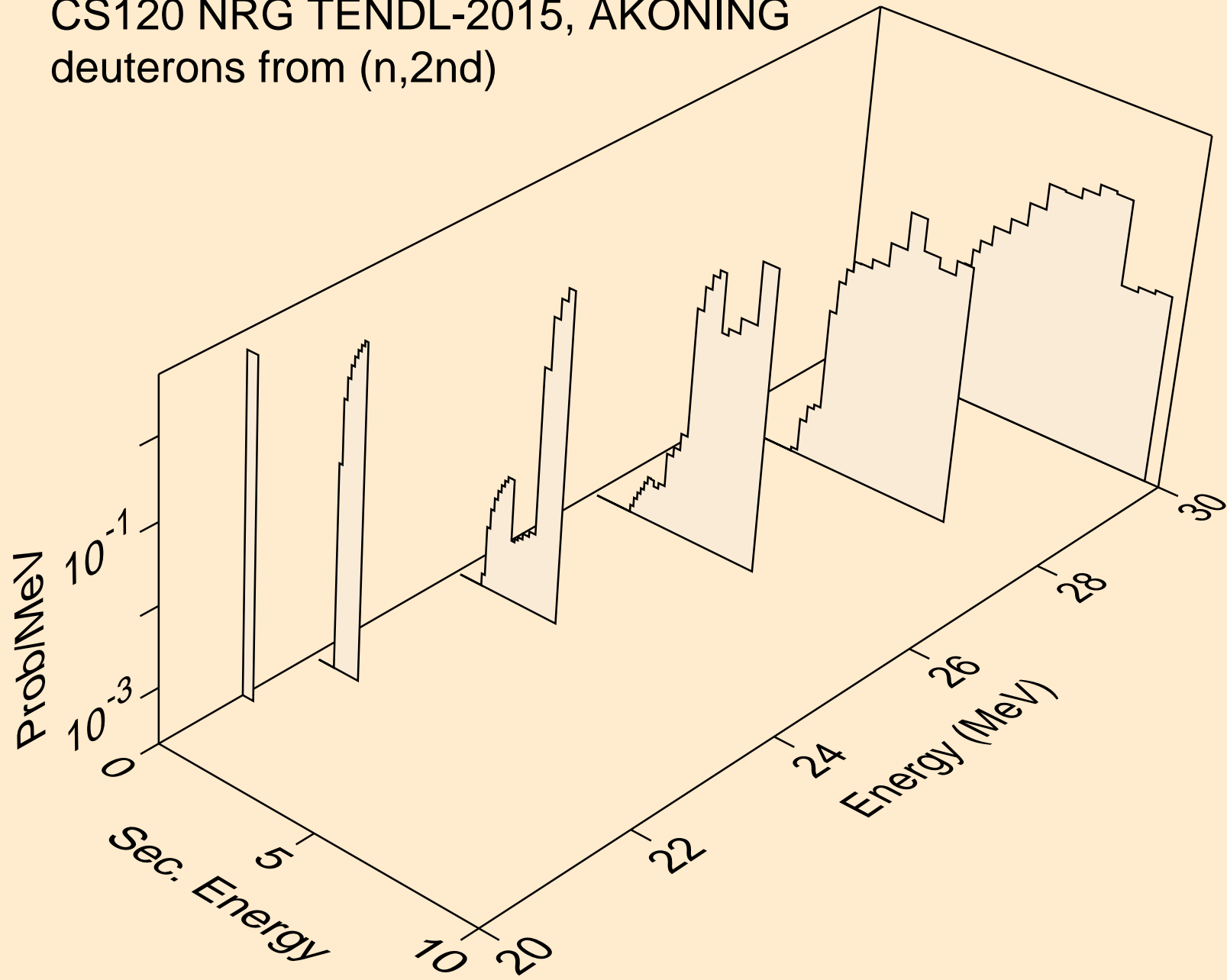
CS120 NRG TENDL-2015, AKONING  
protons from (n,pt)



CS120 NRG TENDL-2015, AKONING  
deuterons from (n,x)

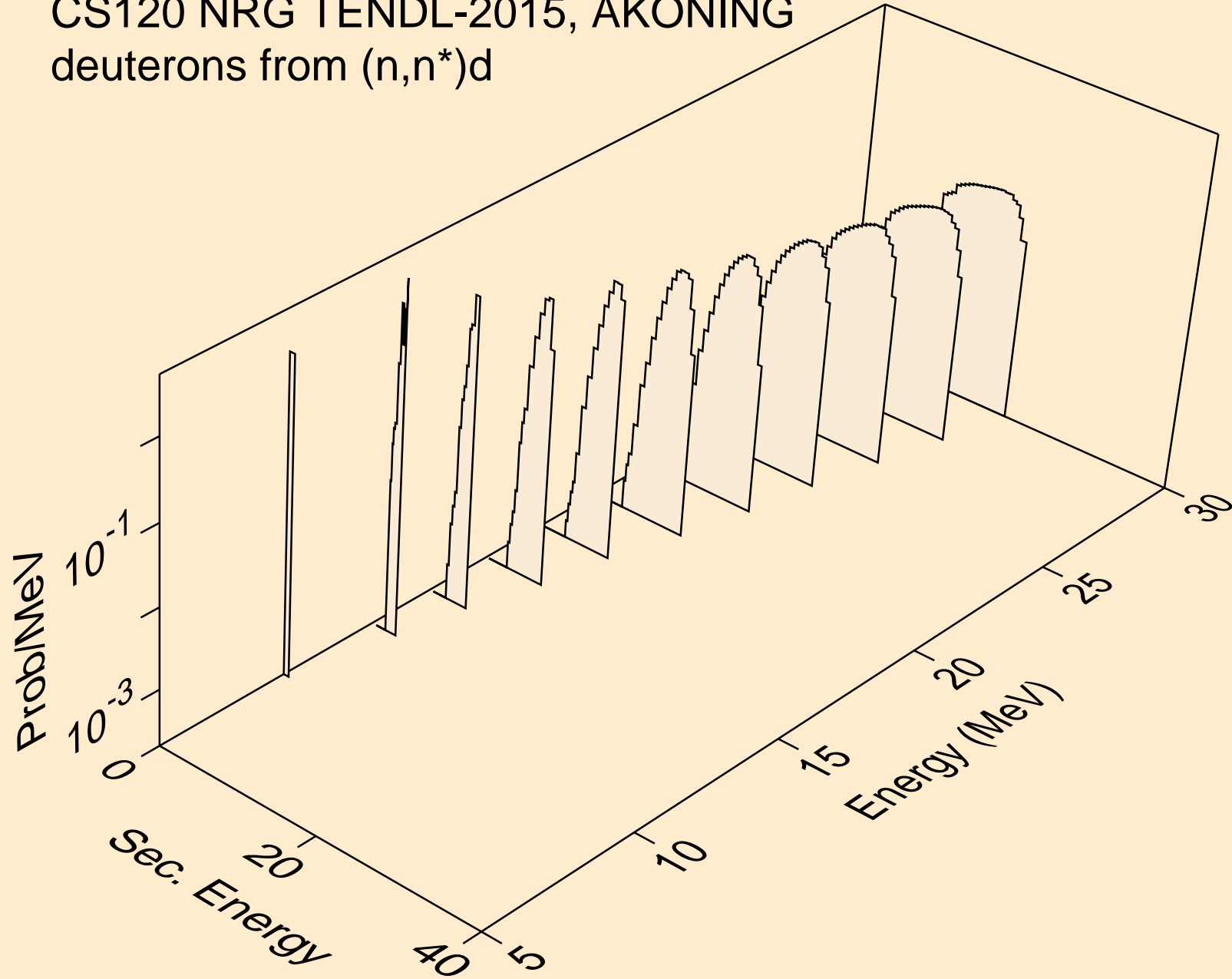


CS120 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

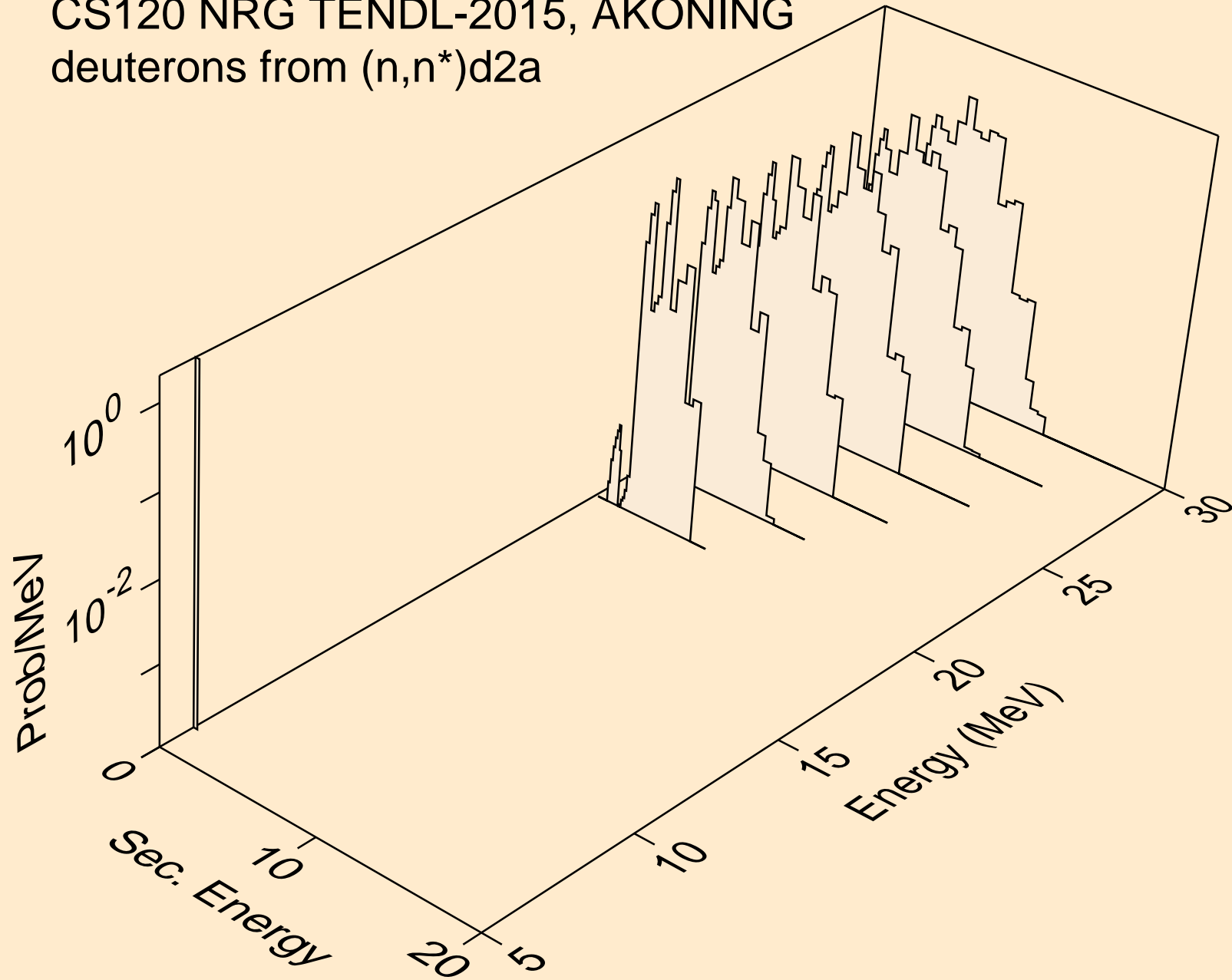




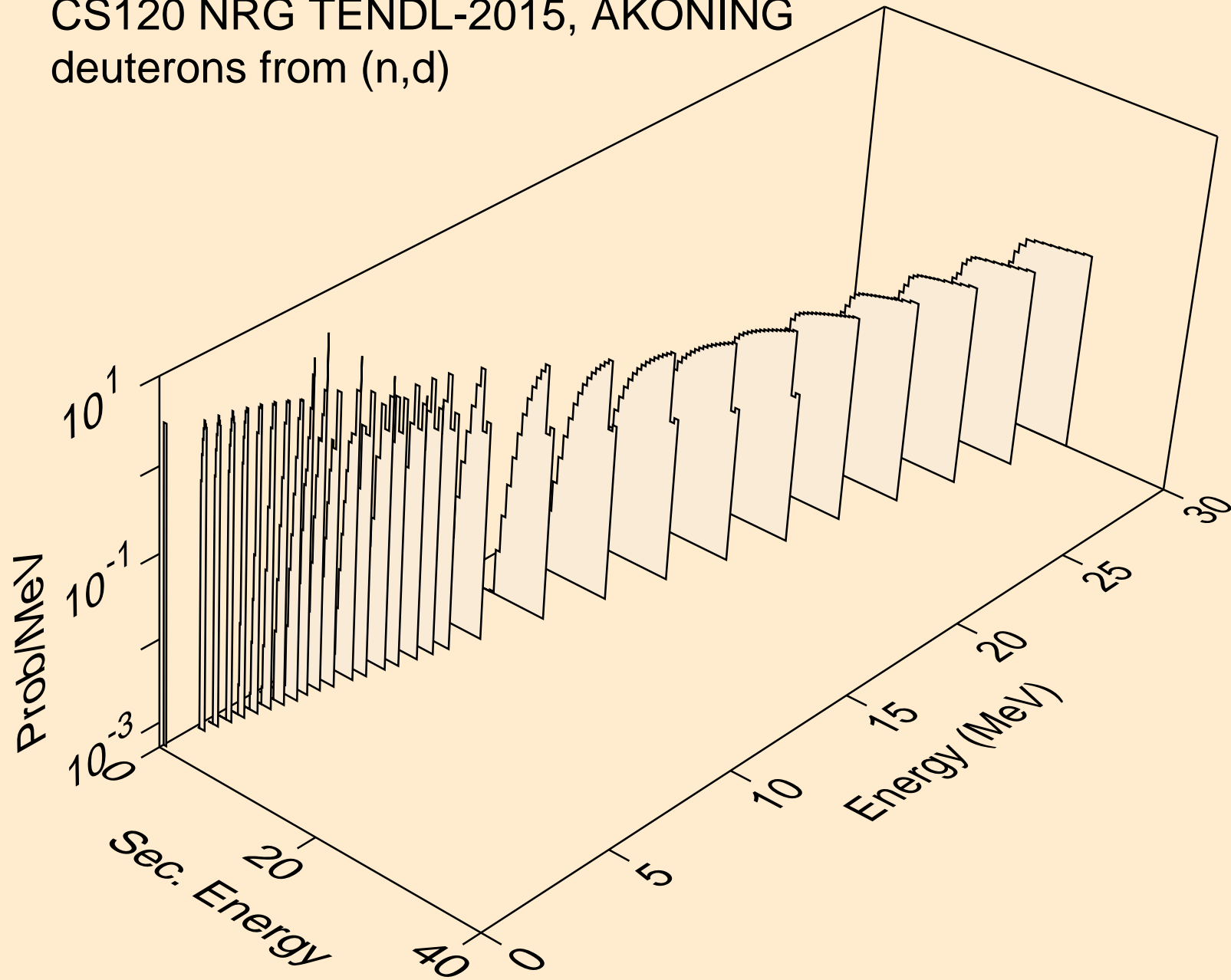
CS120 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



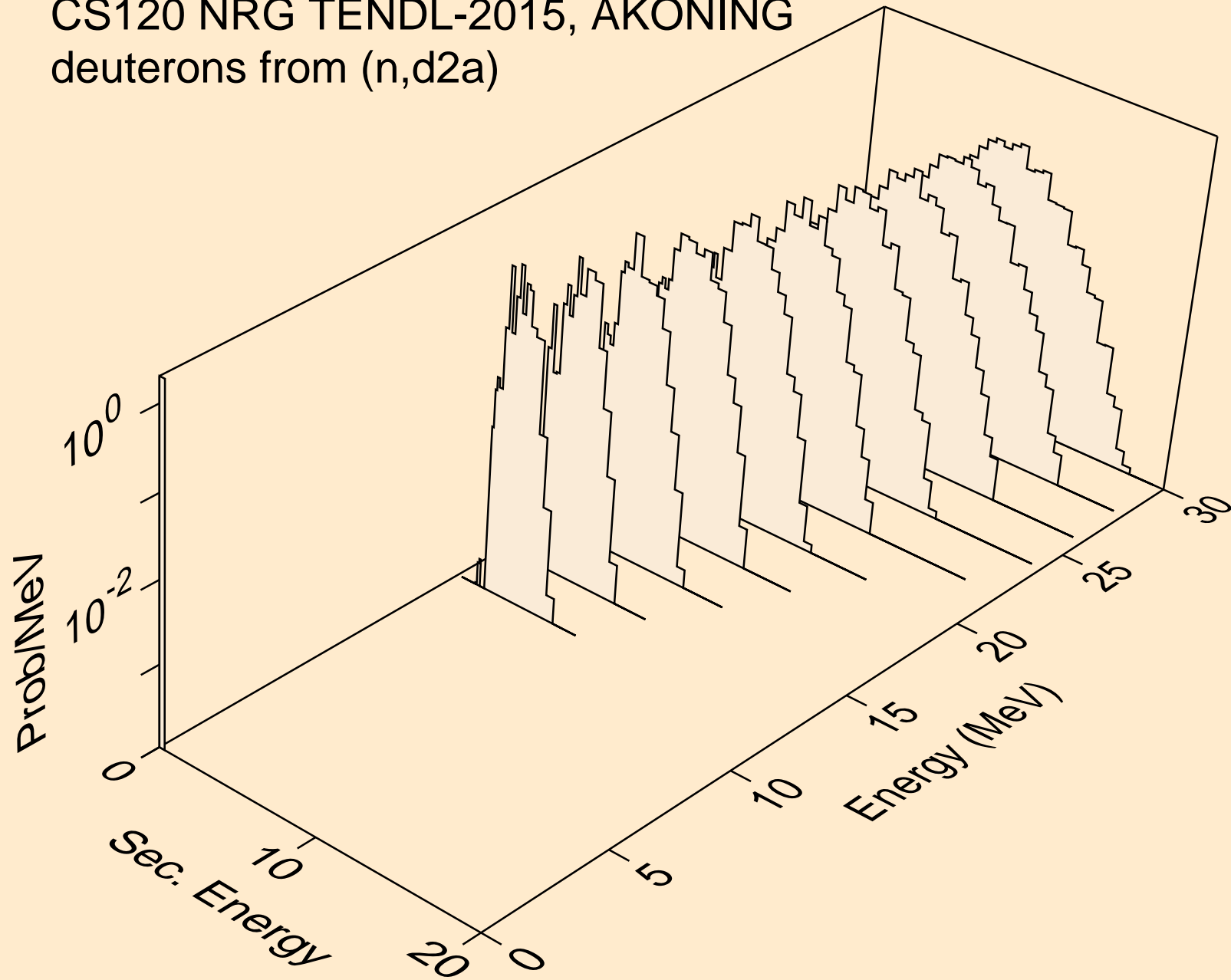
CS120 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



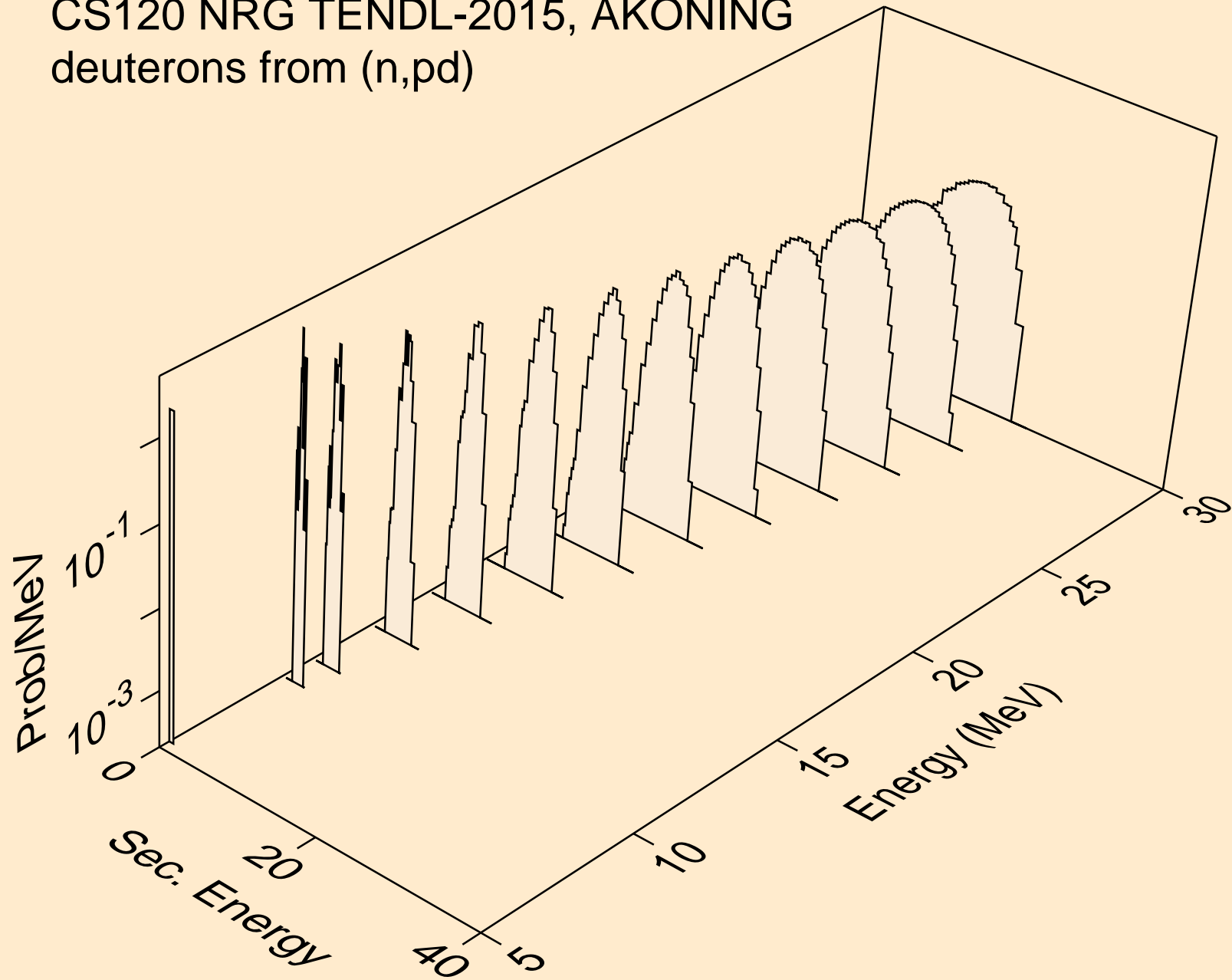
CS120 NRG TENDL-2015, AKONING  
deuterons from (n,d)



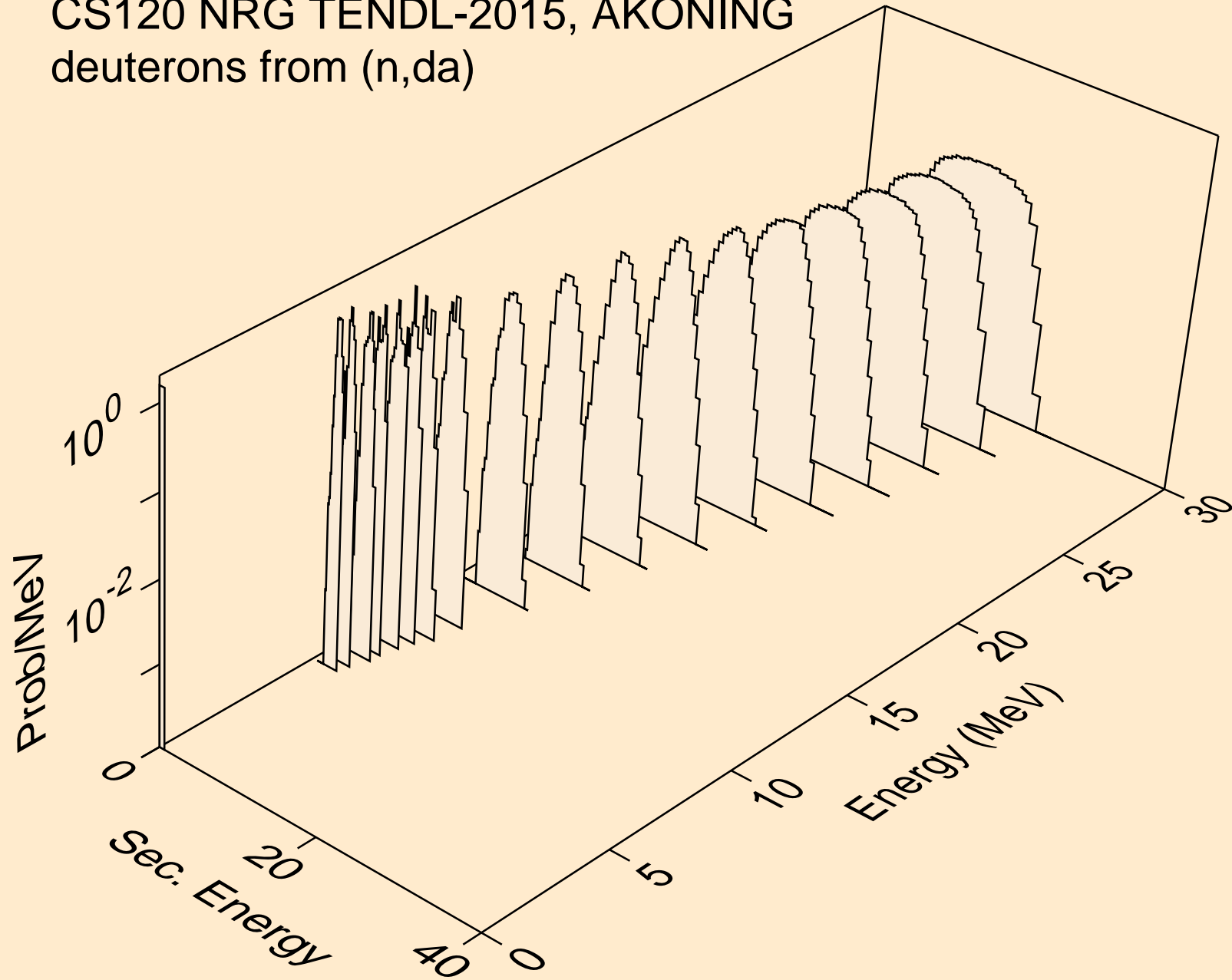
CS120 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



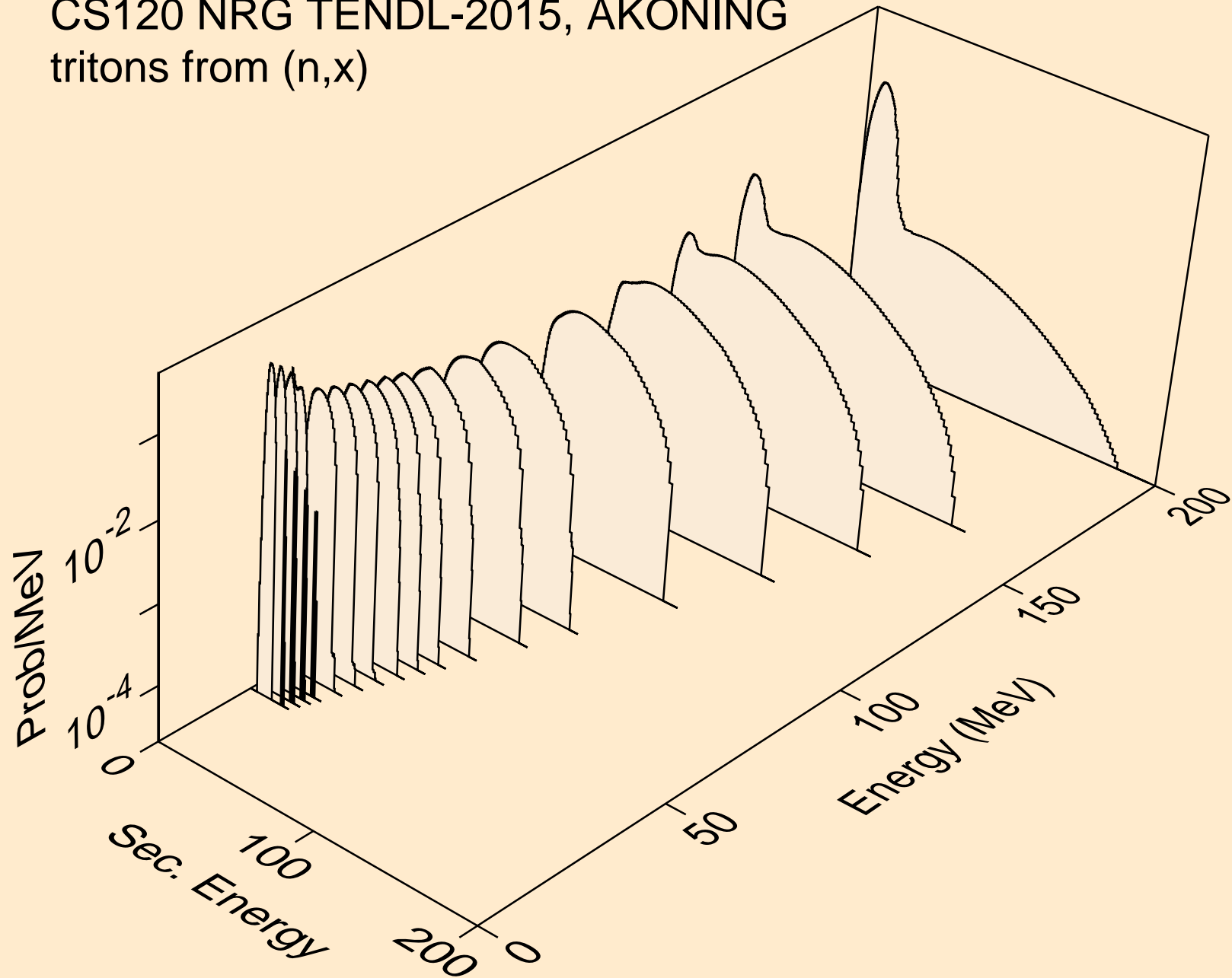
CS120 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



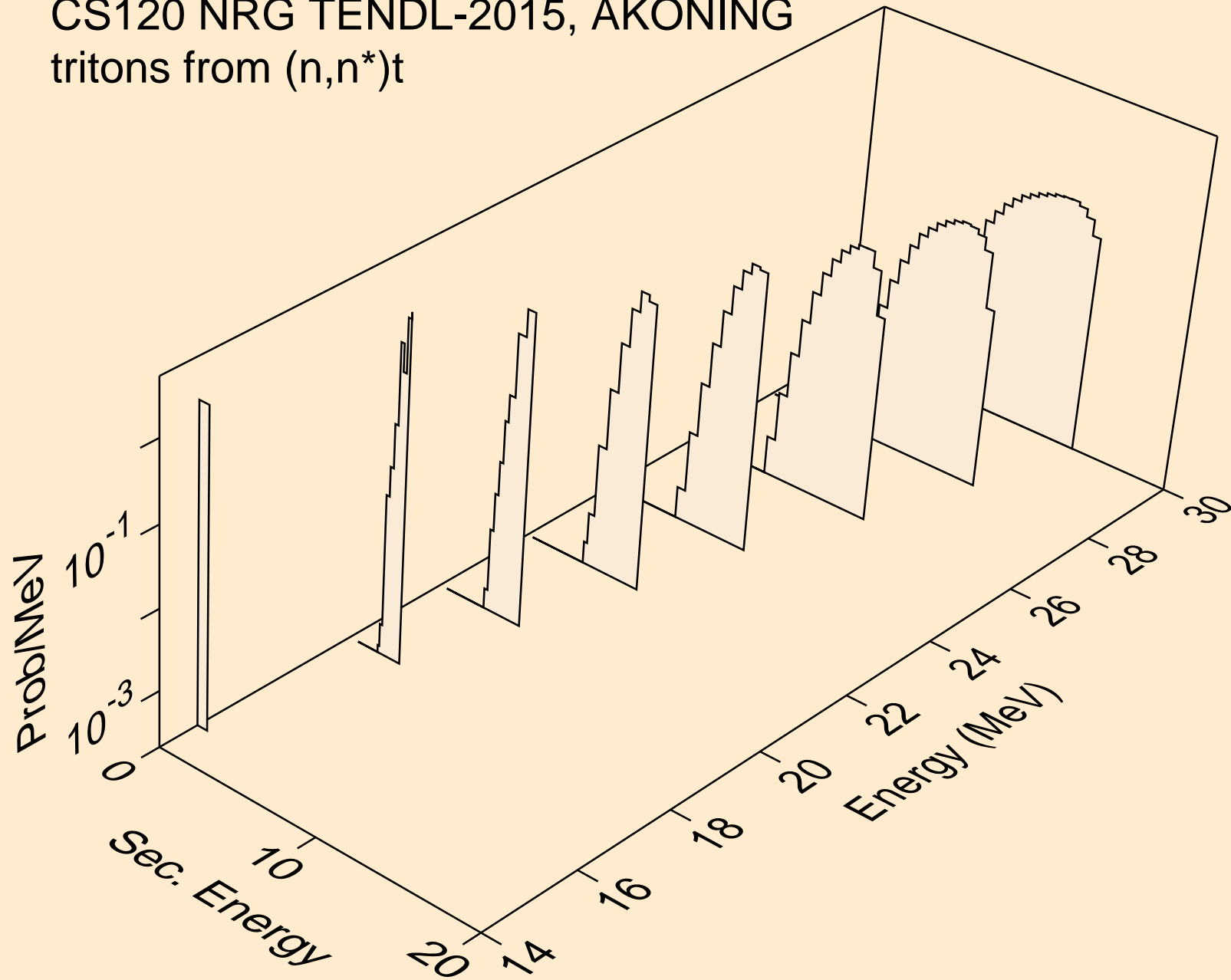
CS120 NRG TENDL-2015, AKONING  
deuterons from (n,da)



CS120 NRG TENDL-2015, AKONING  
tritons from (n,x)

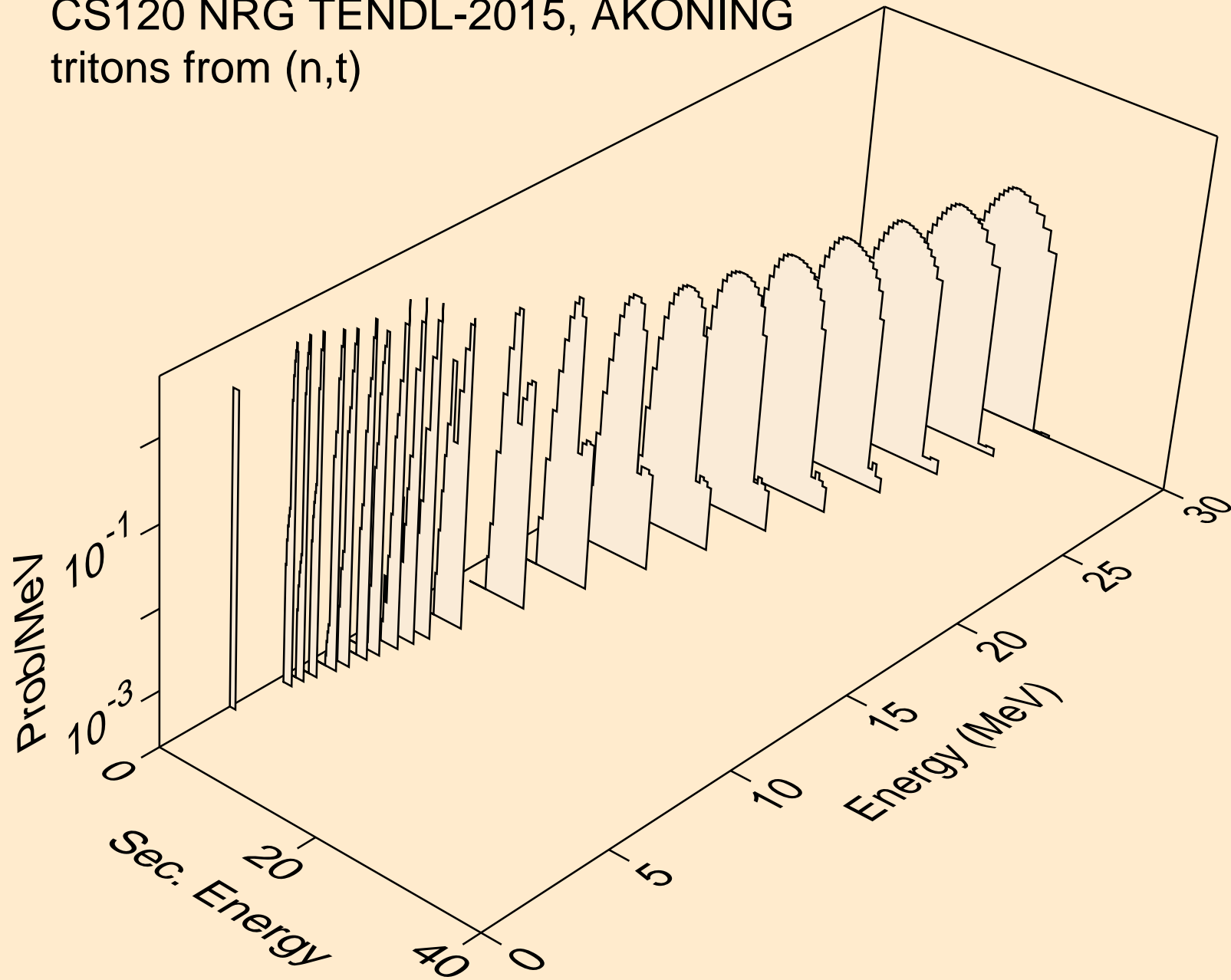


CS120 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

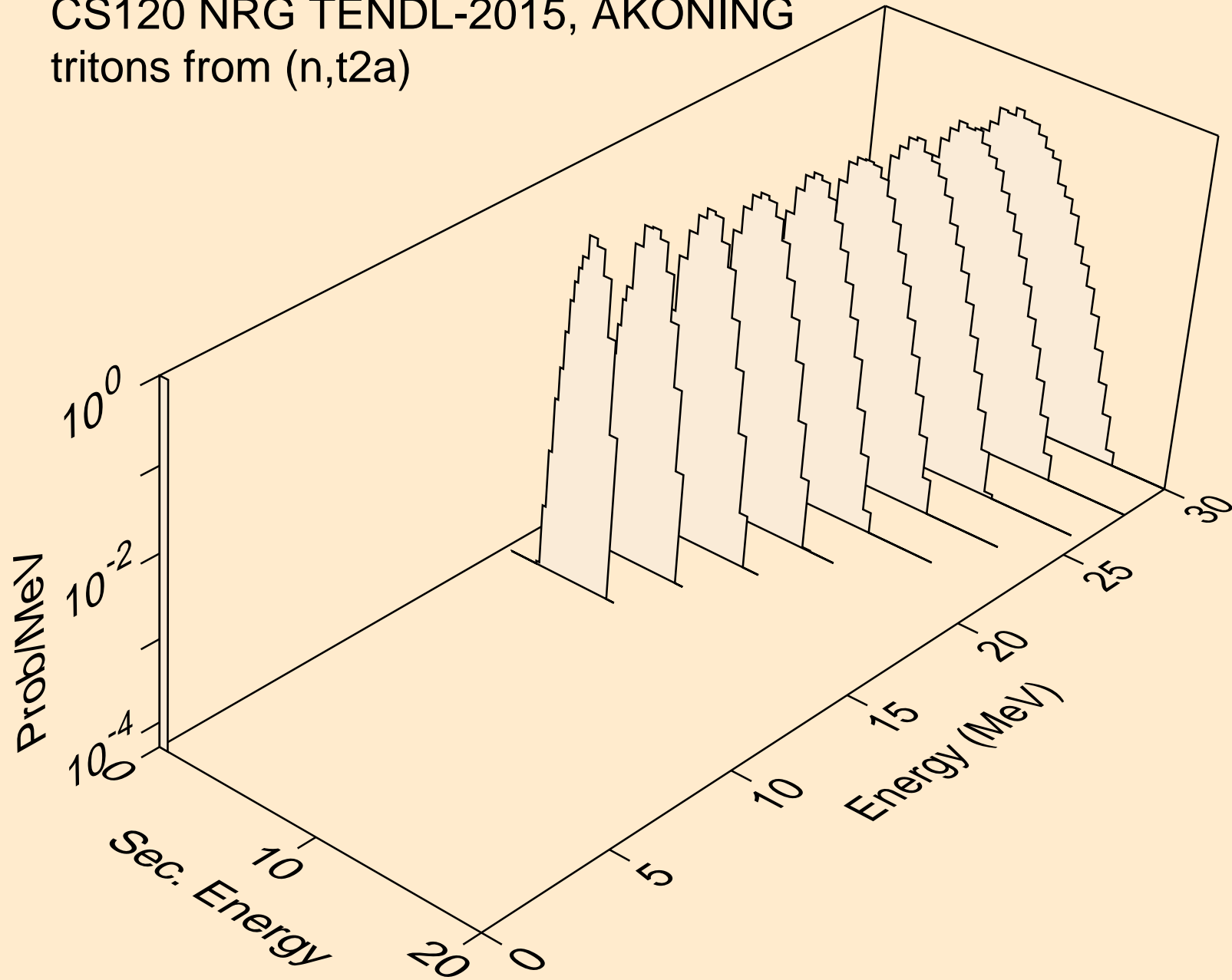




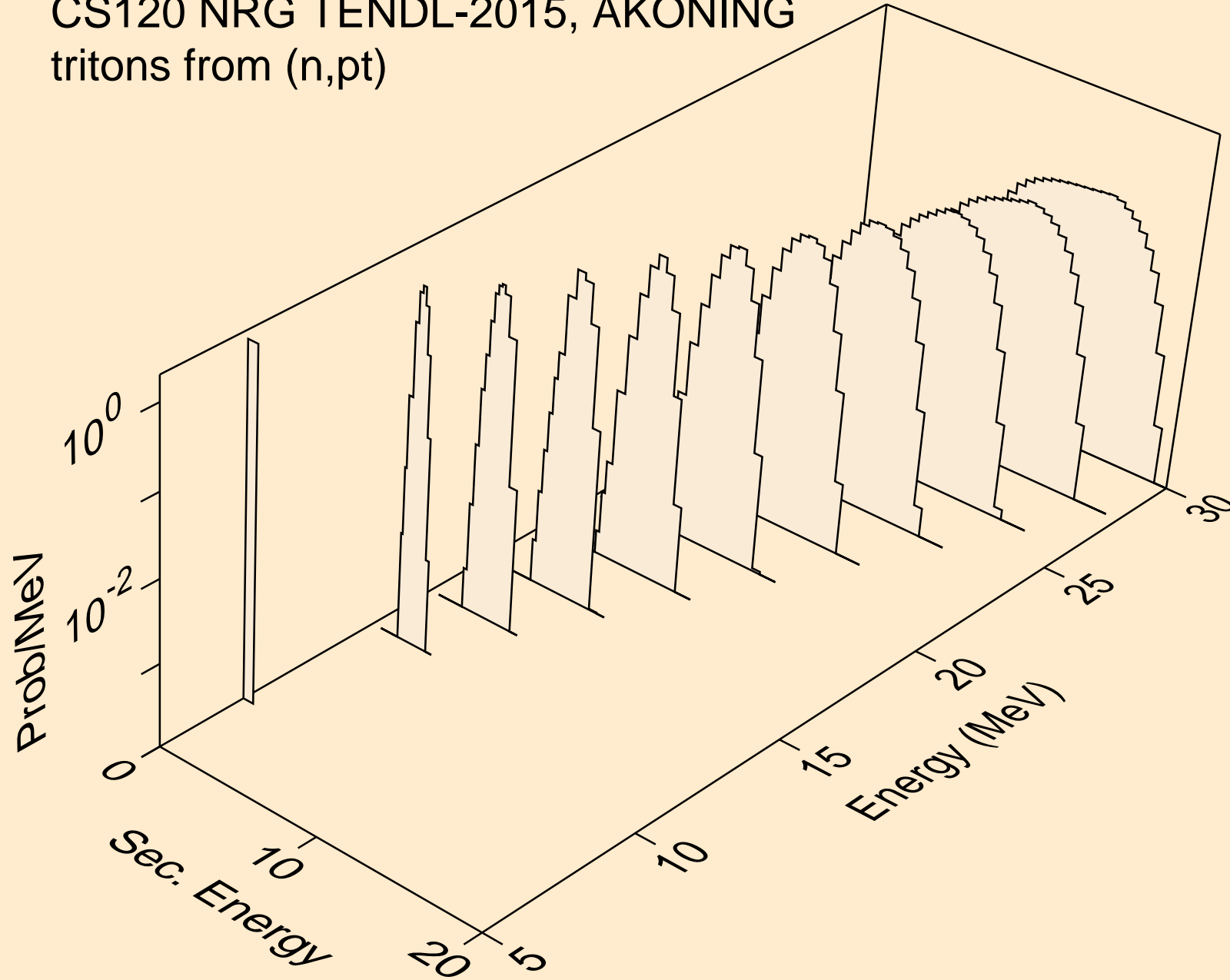
CS120 NRG TENDL-2015, AKONING  
tritons from (n,t)



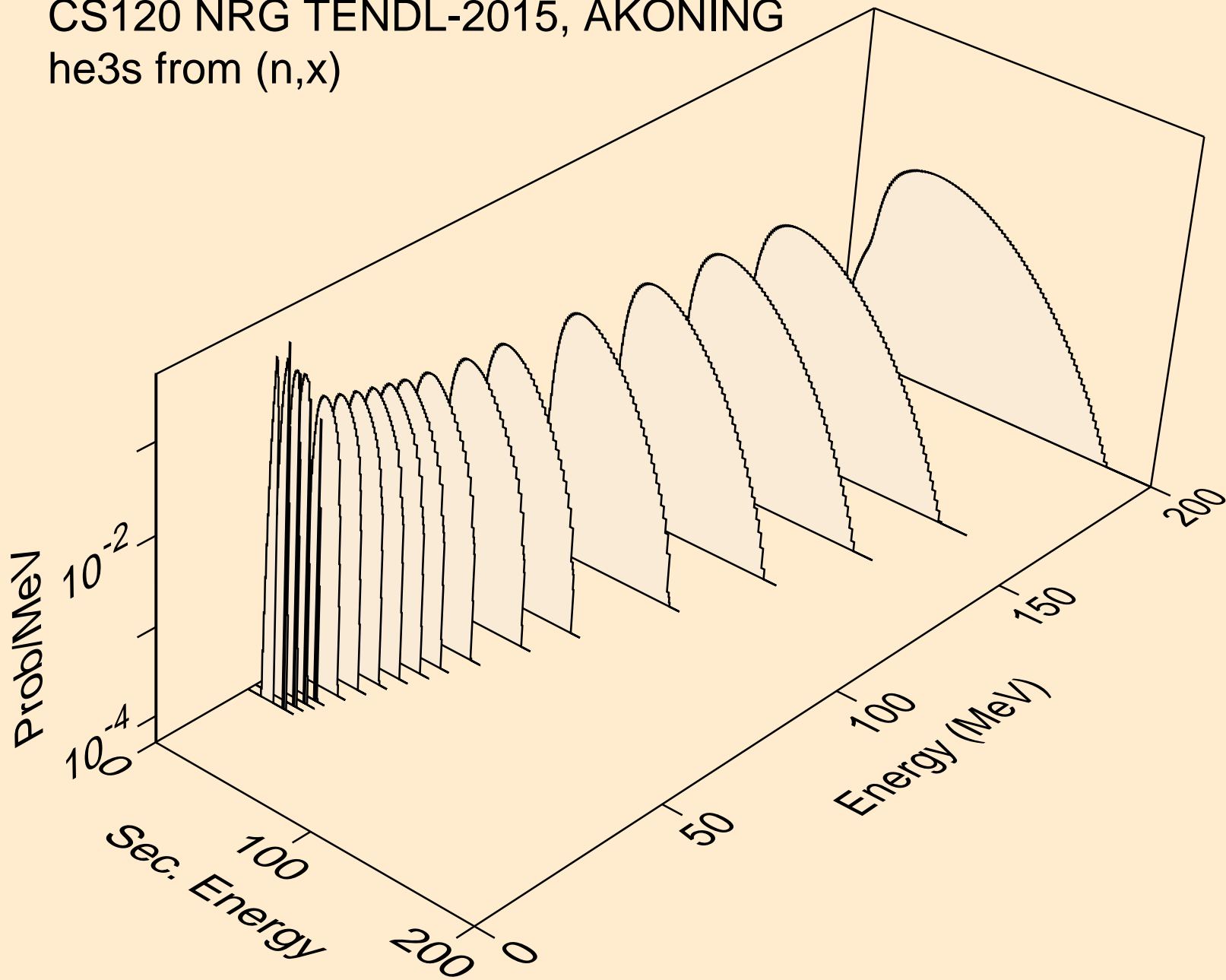
CS120 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



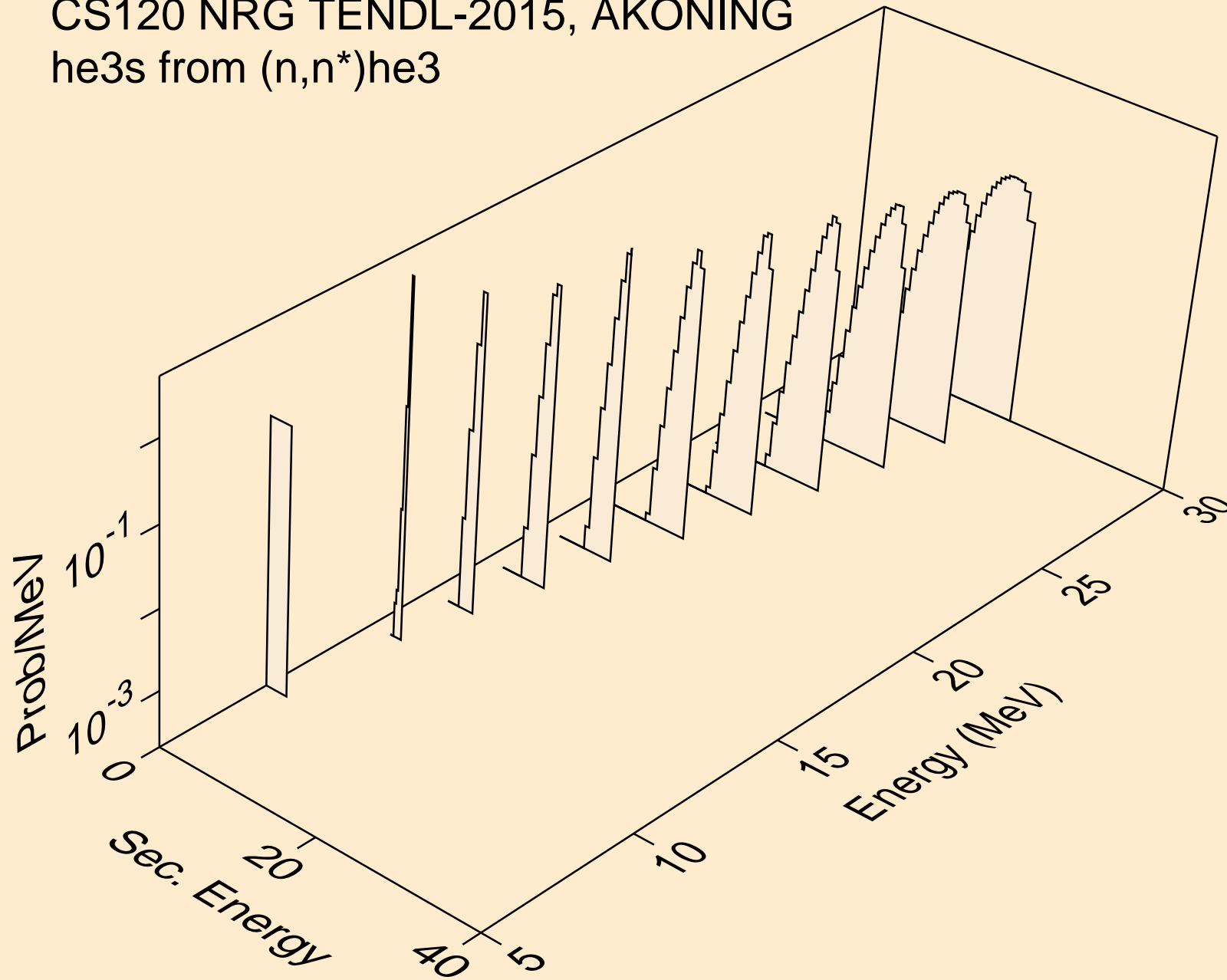
CS120 NRG TENDL-2015, AKONING  
tritons from (n,pt)



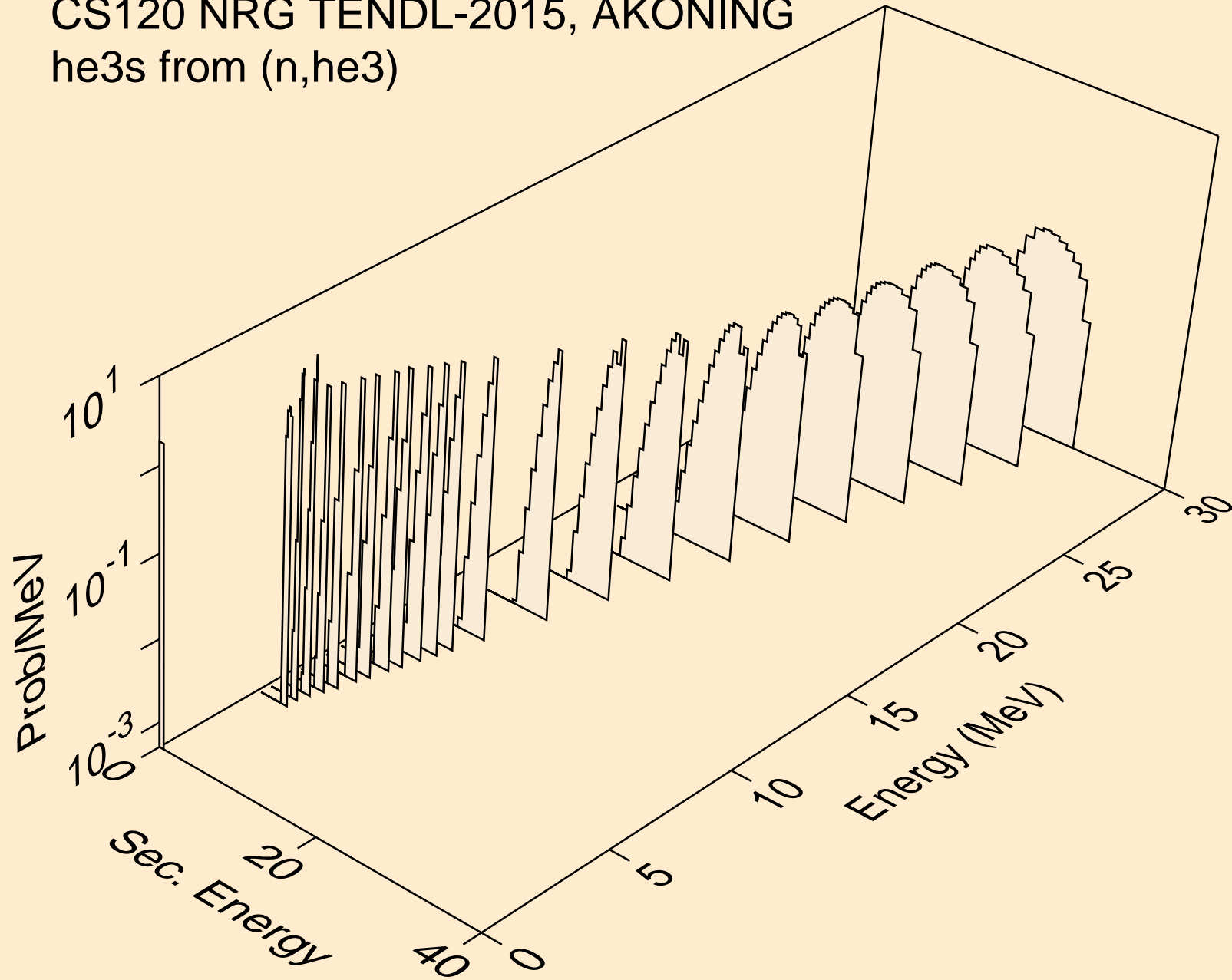
CS120 NRG TENDL-2015, AKONING  
he3s from (n,x)



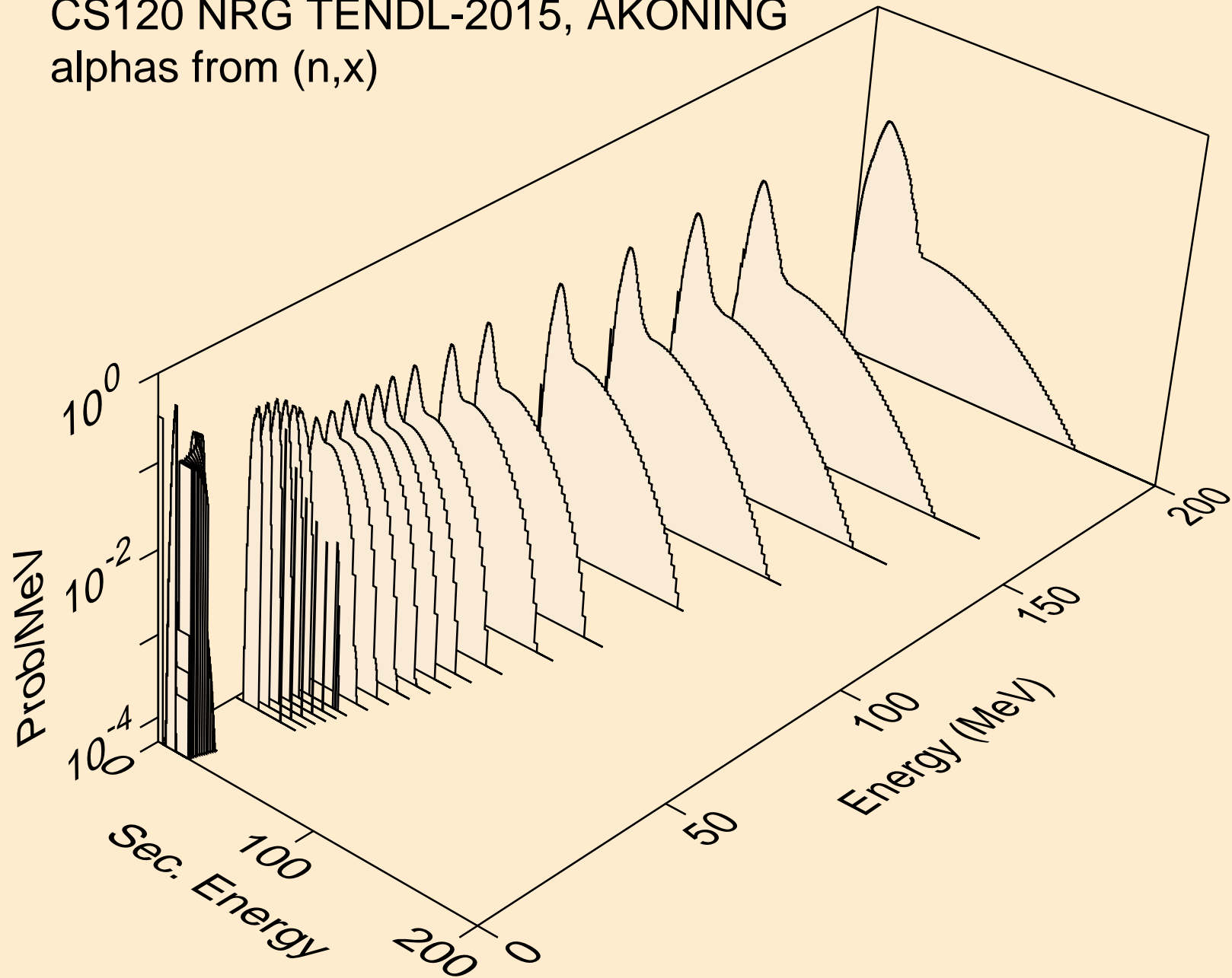
CS120 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



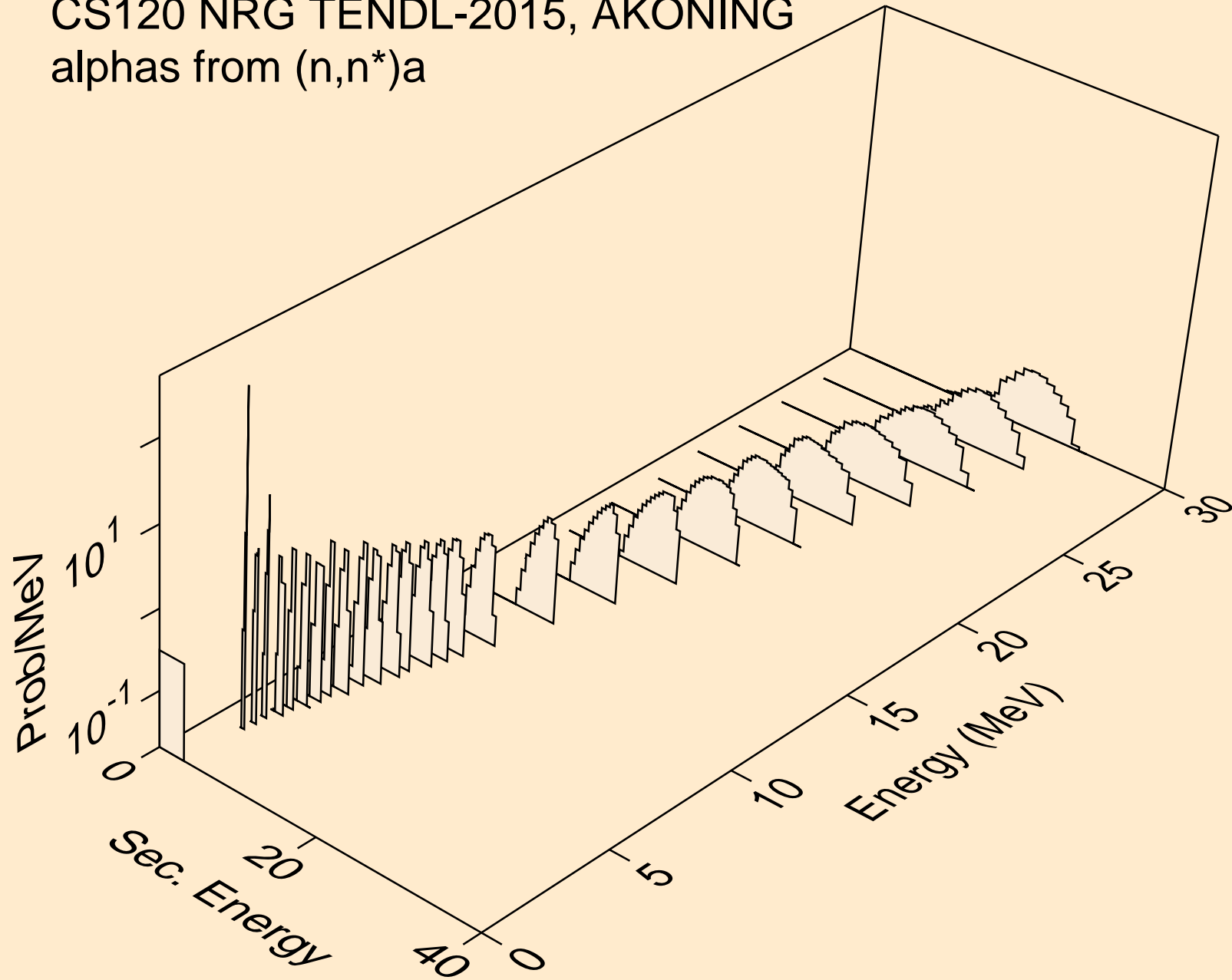
CS120 NRG TENDL-2015, AKONING  
he3s from (n,he3)



CS120 NRG TENDL-2015, AKONING  
alphas from (n,x)

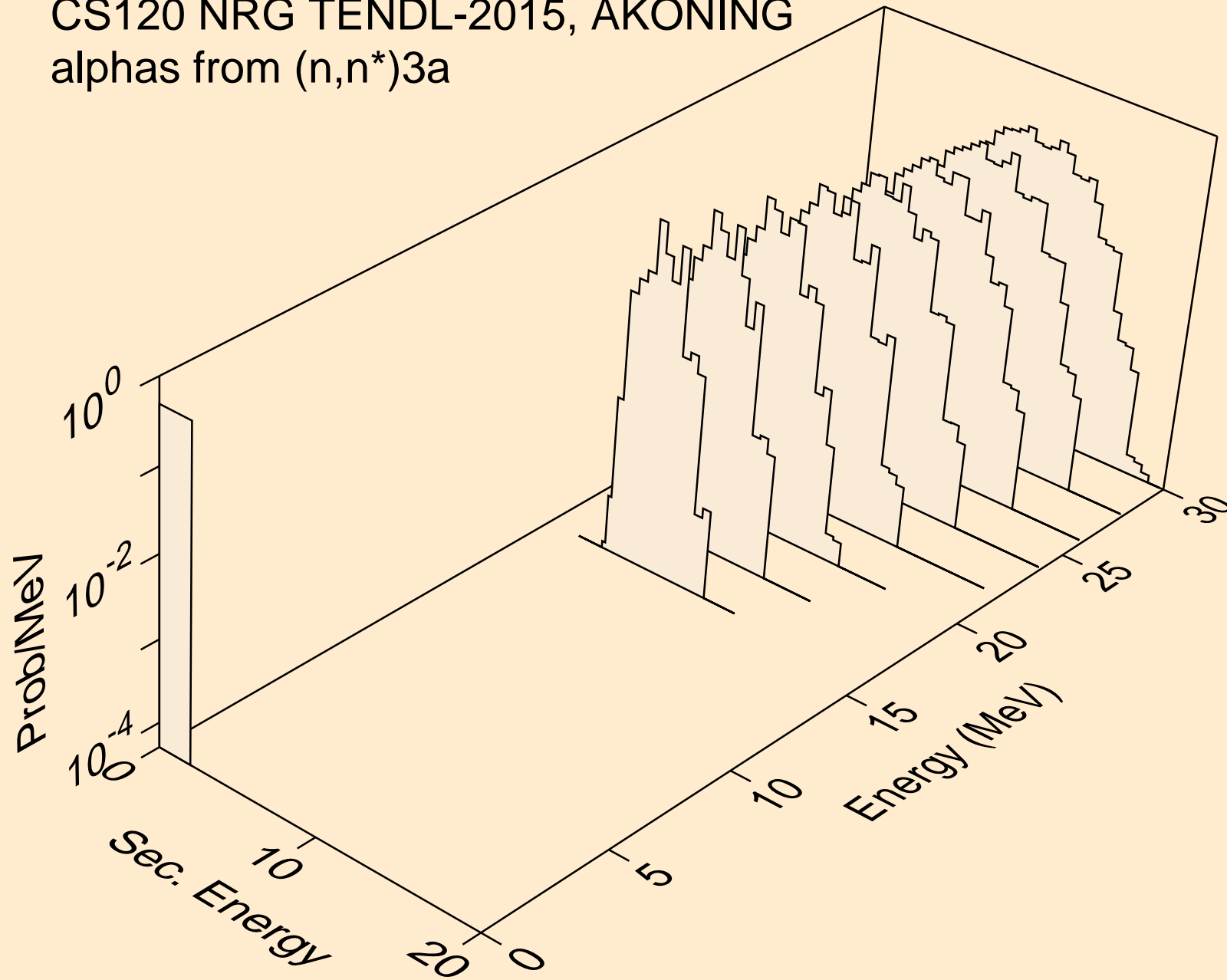


CS120 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

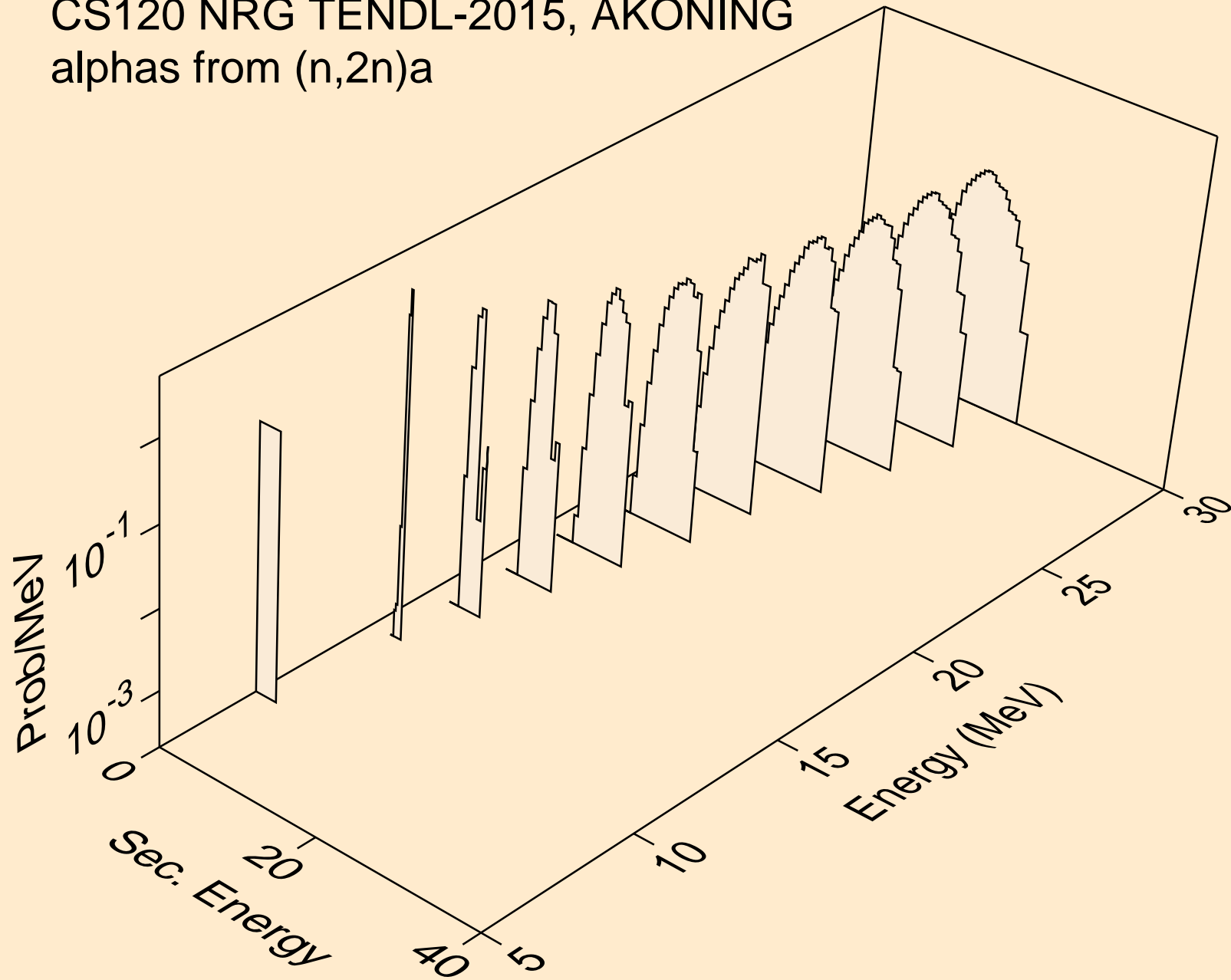




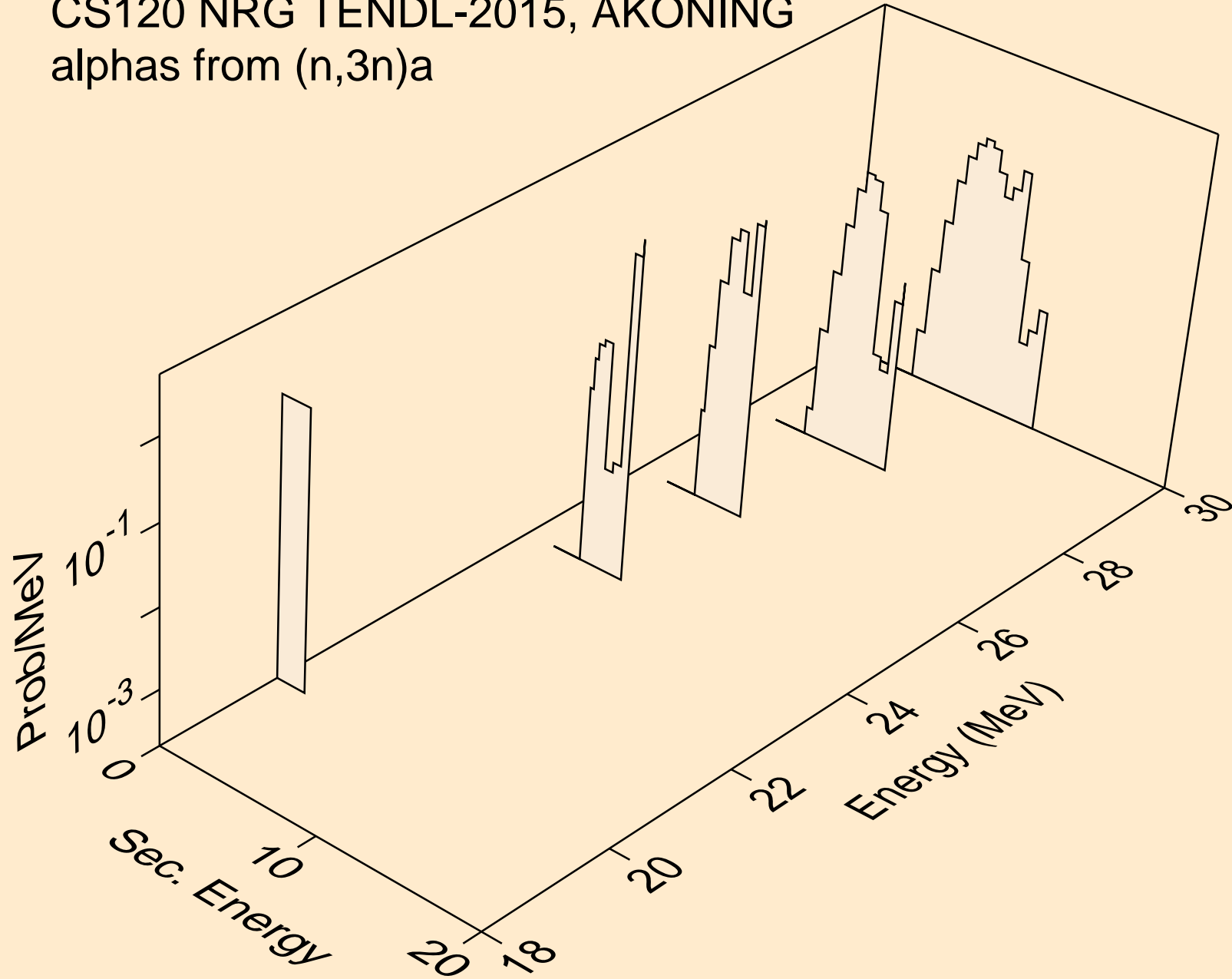
CS120 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



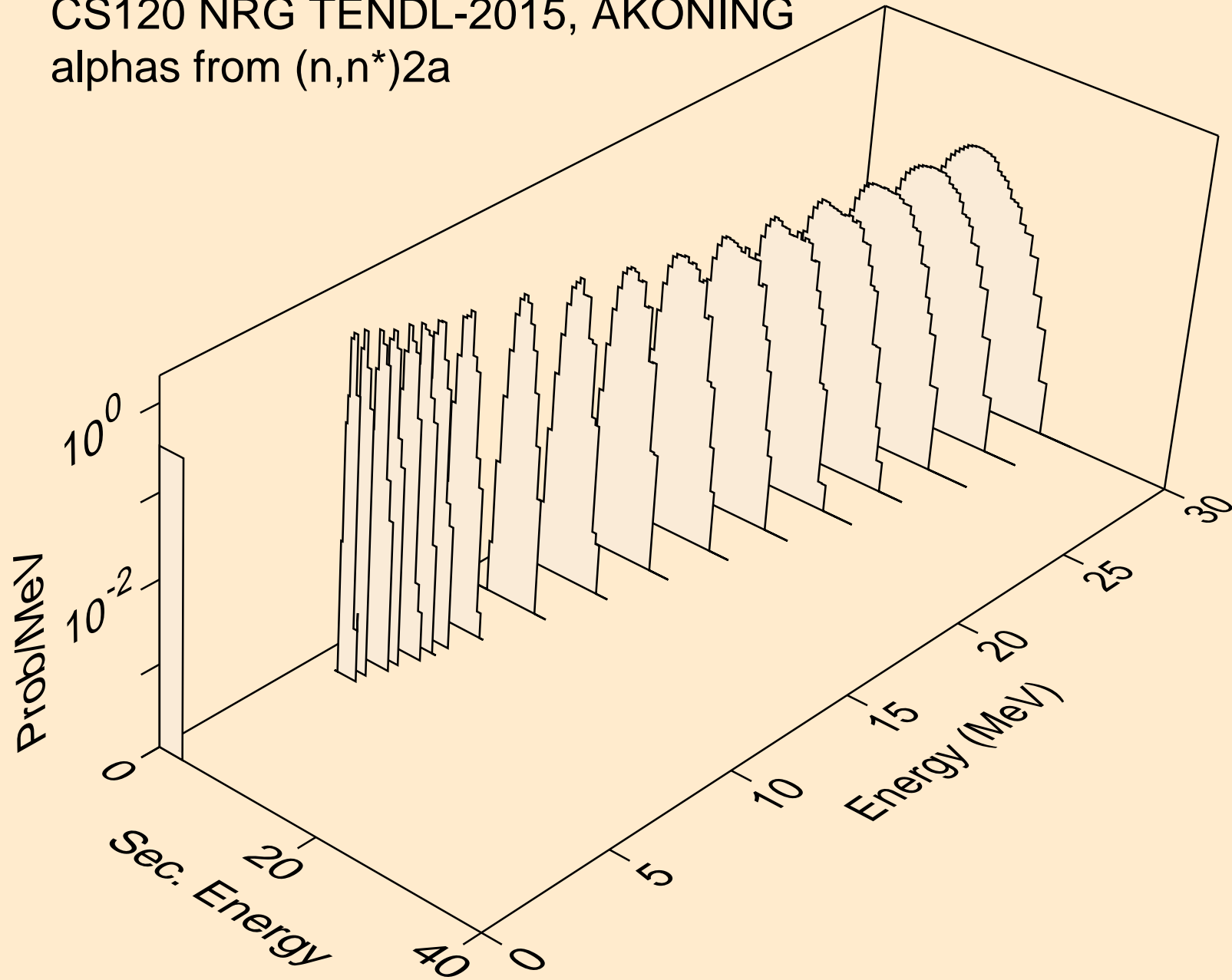
CS120 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



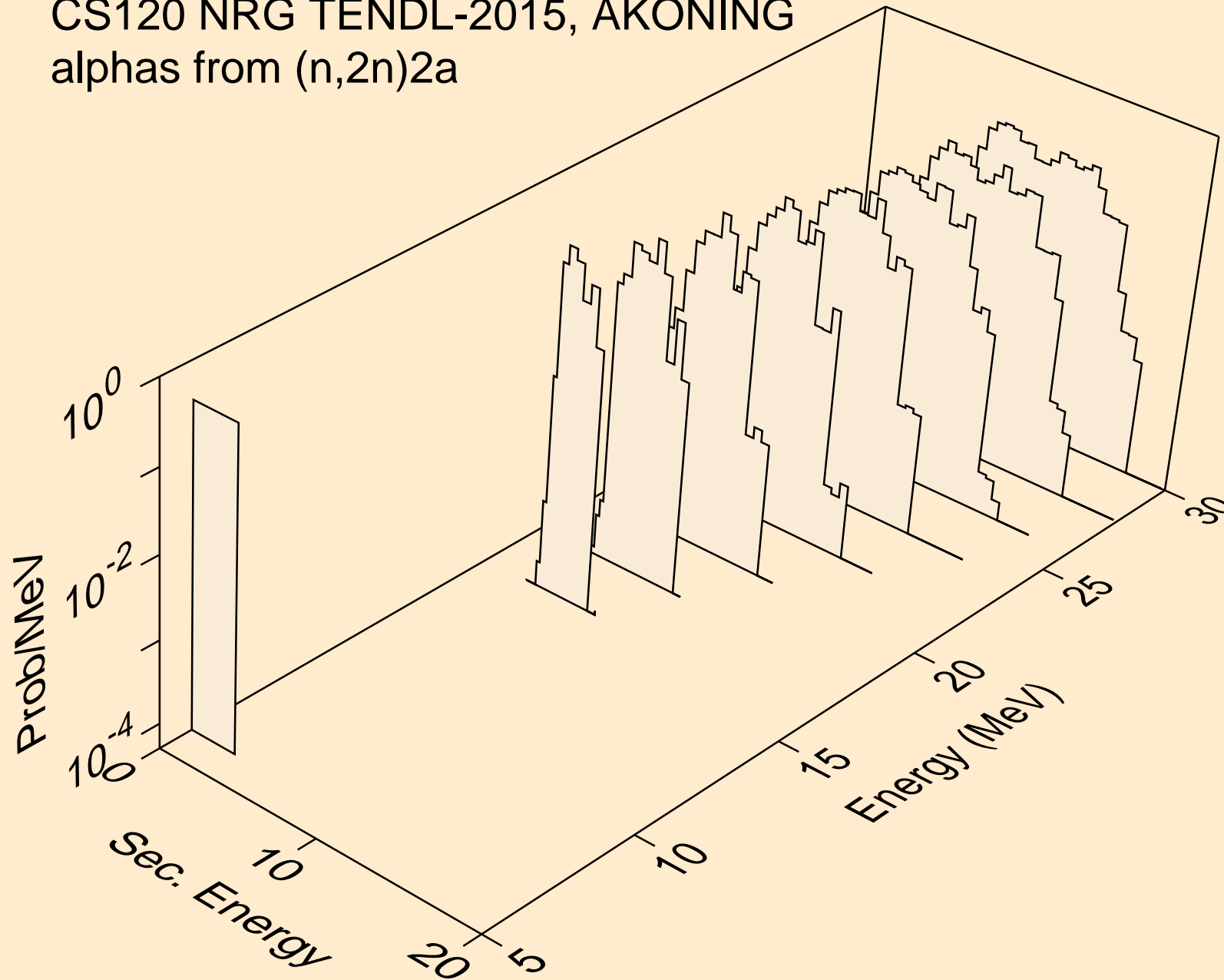
CS120 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



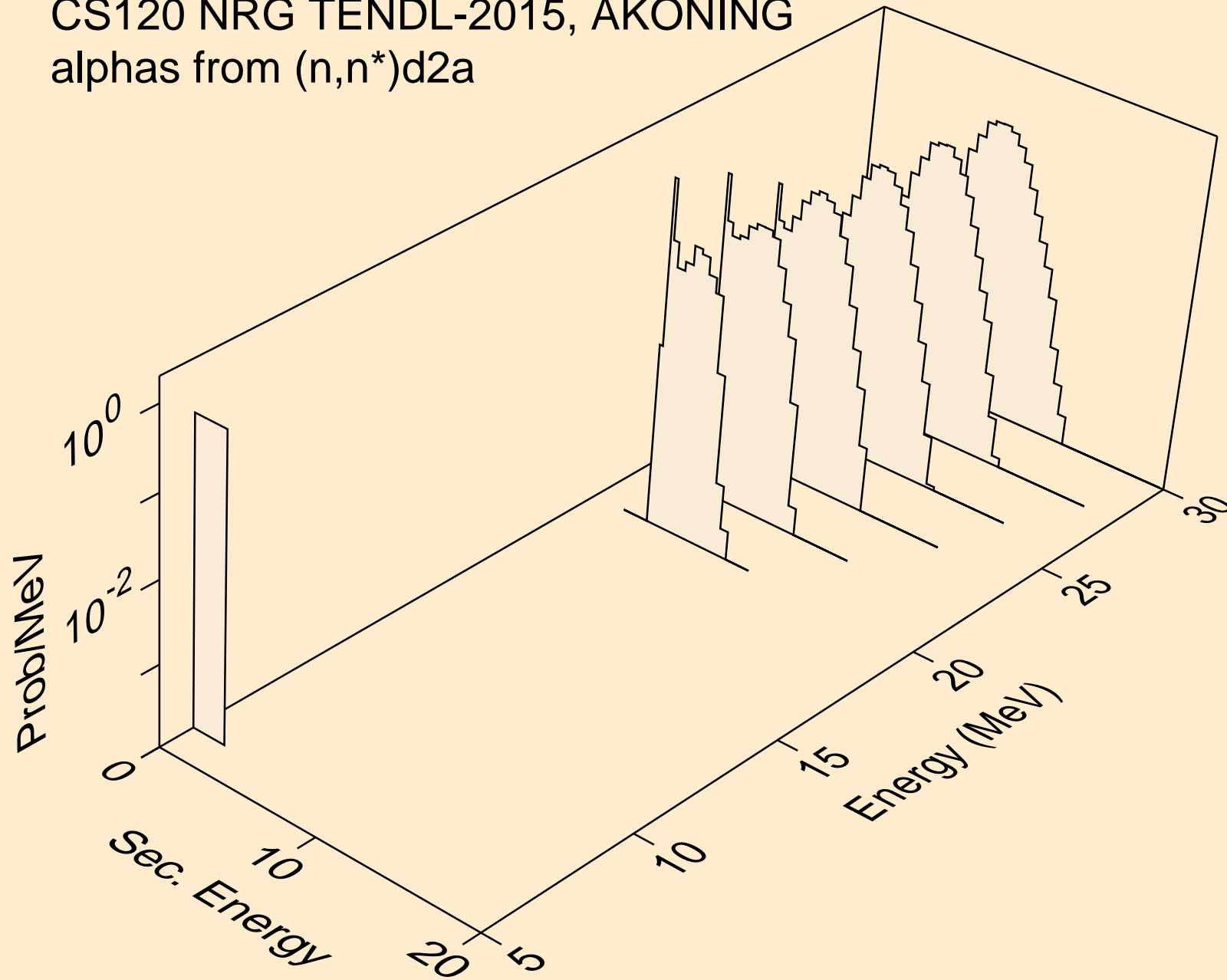
CS120 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



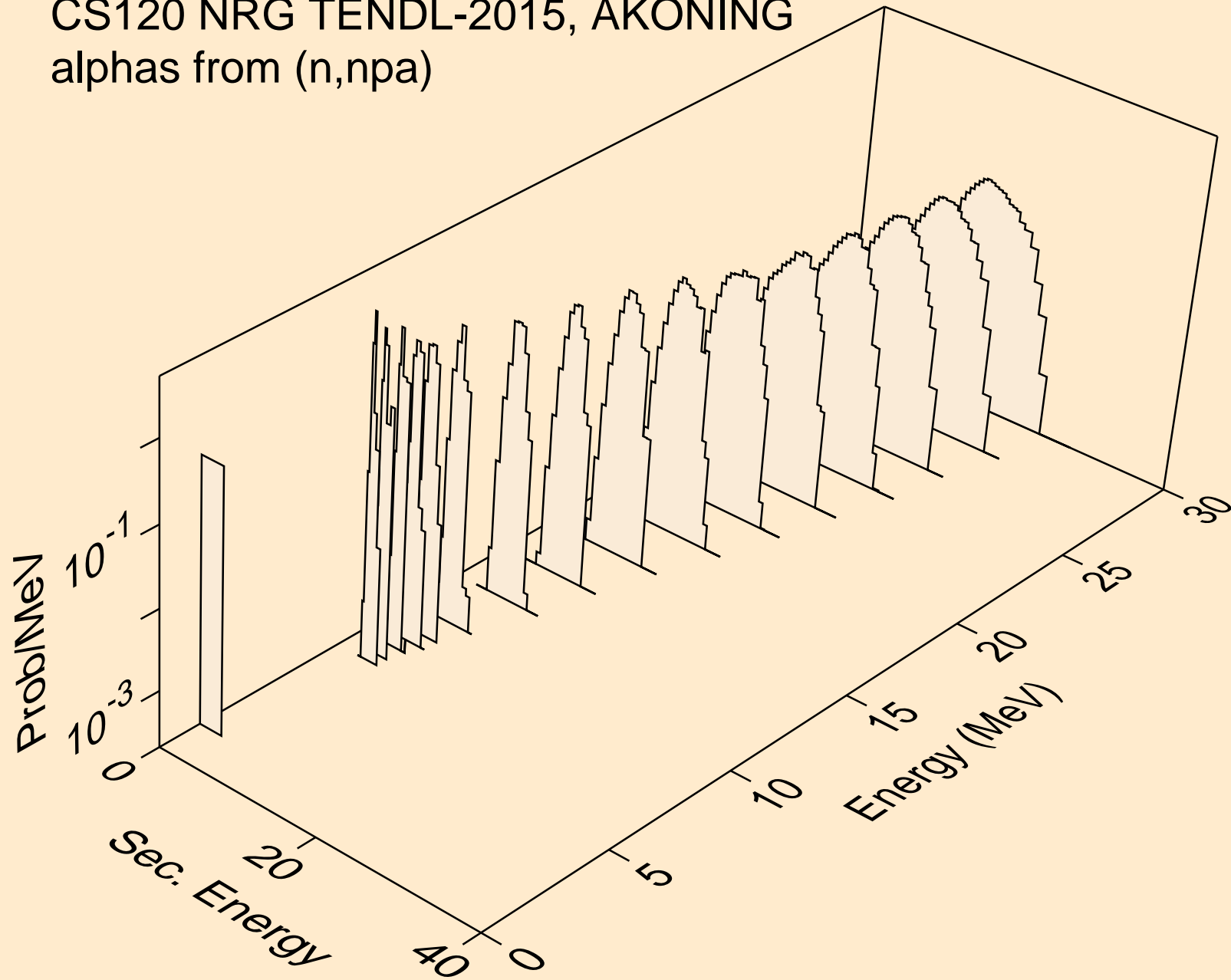
CS120 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



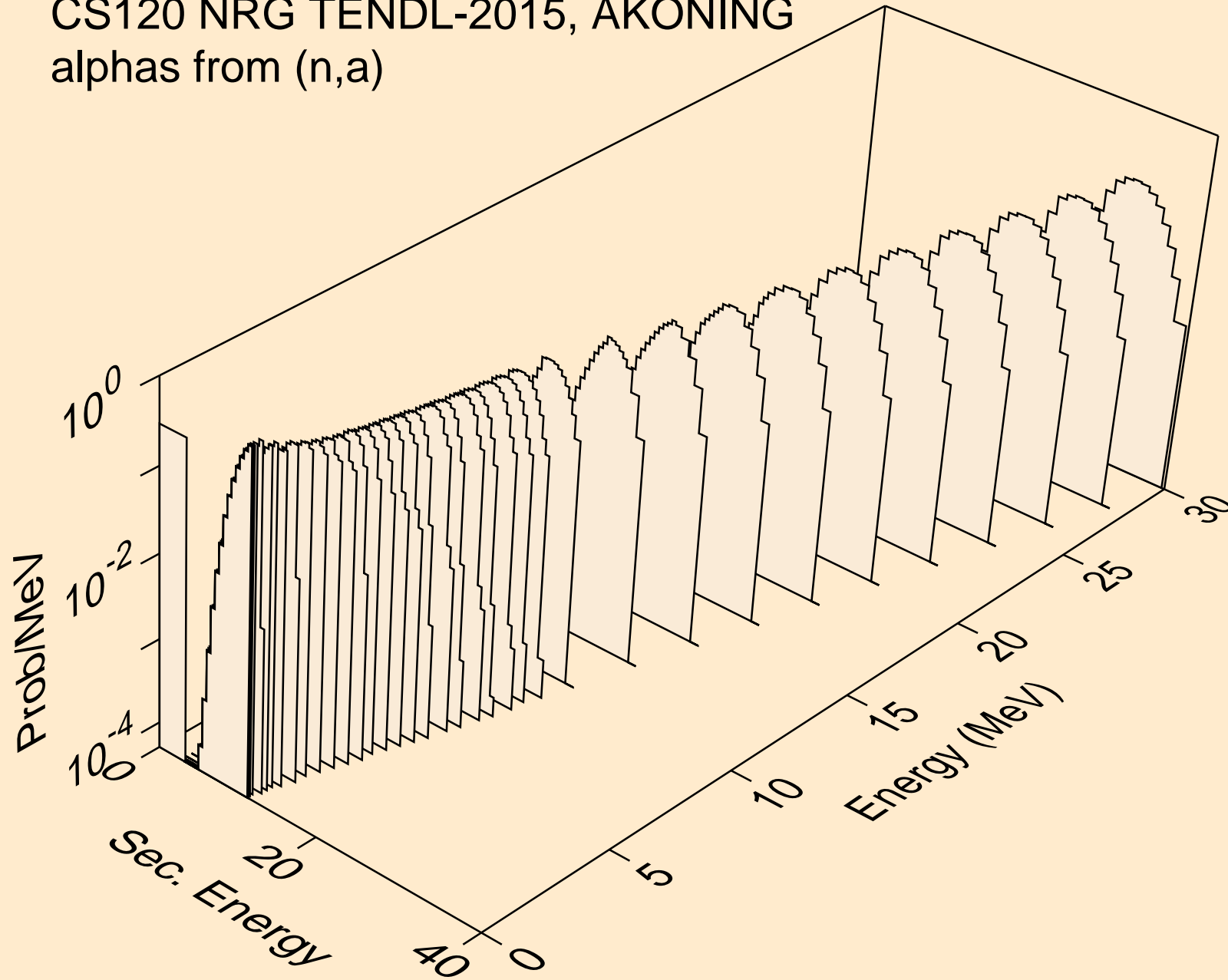
CS120 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a



CS120 NRG TENDL-2015, AKONING  
alphas from (n,npa)

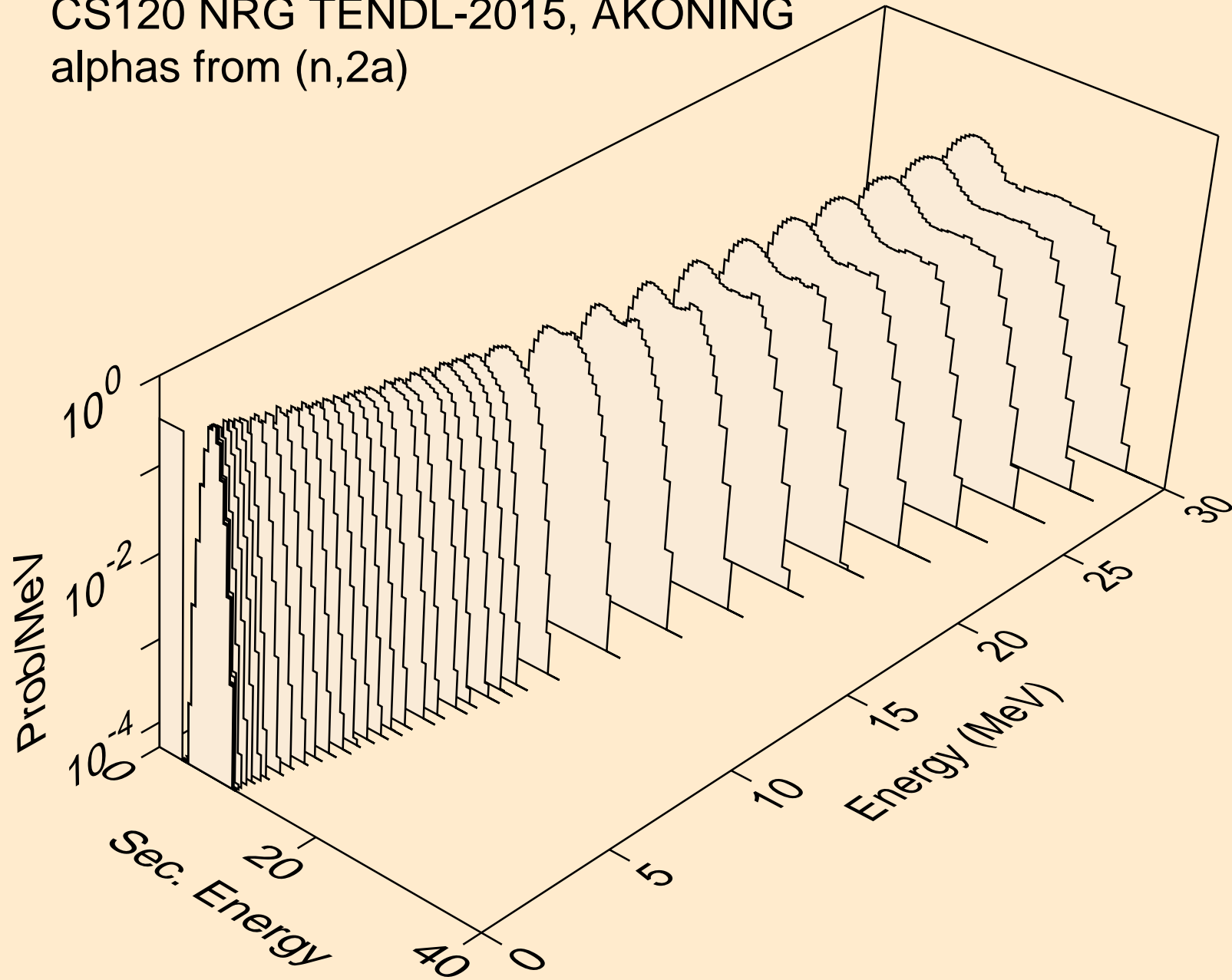


CS120 NRG TENDL-2015, AKONING  
alphas from (n,a)

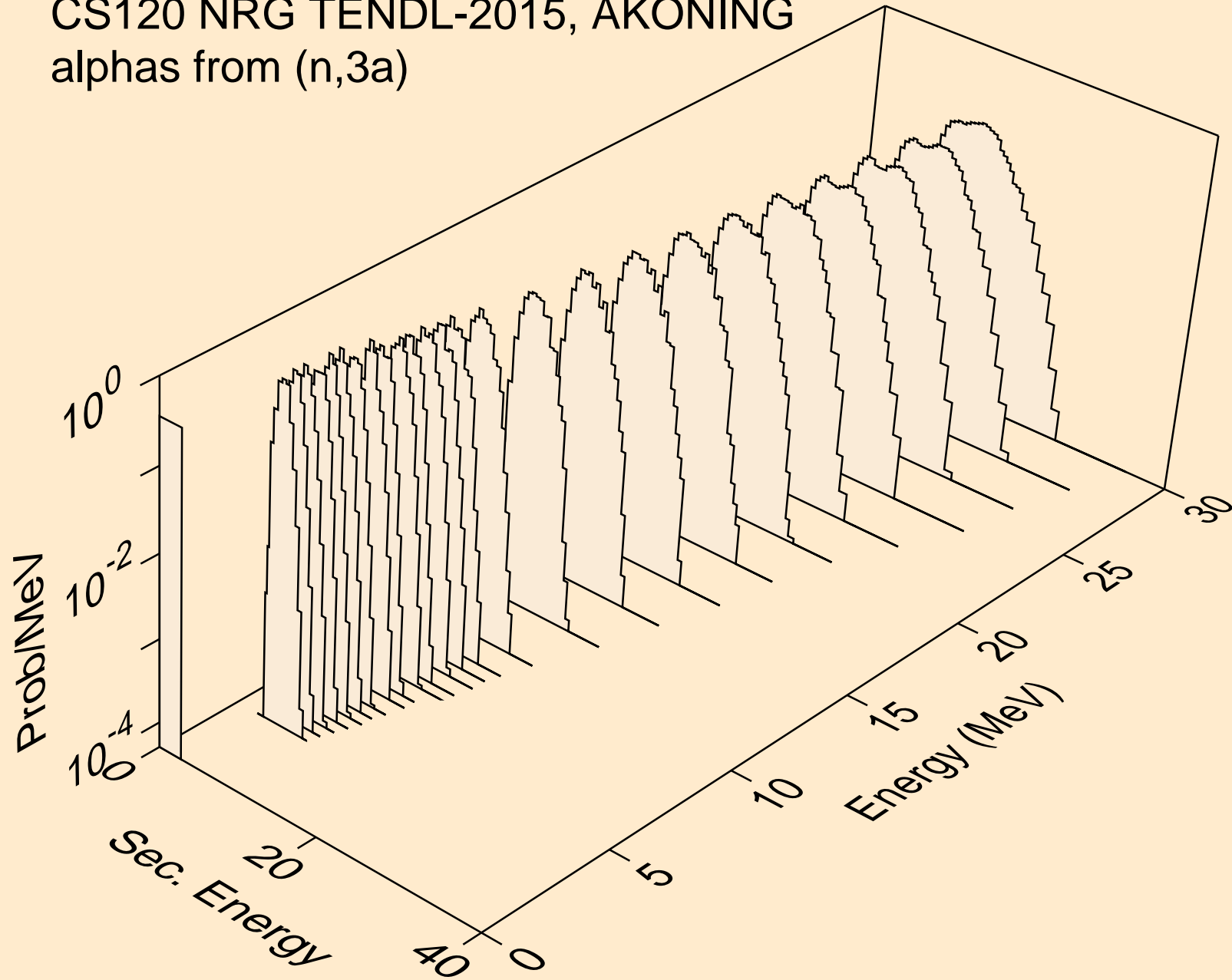




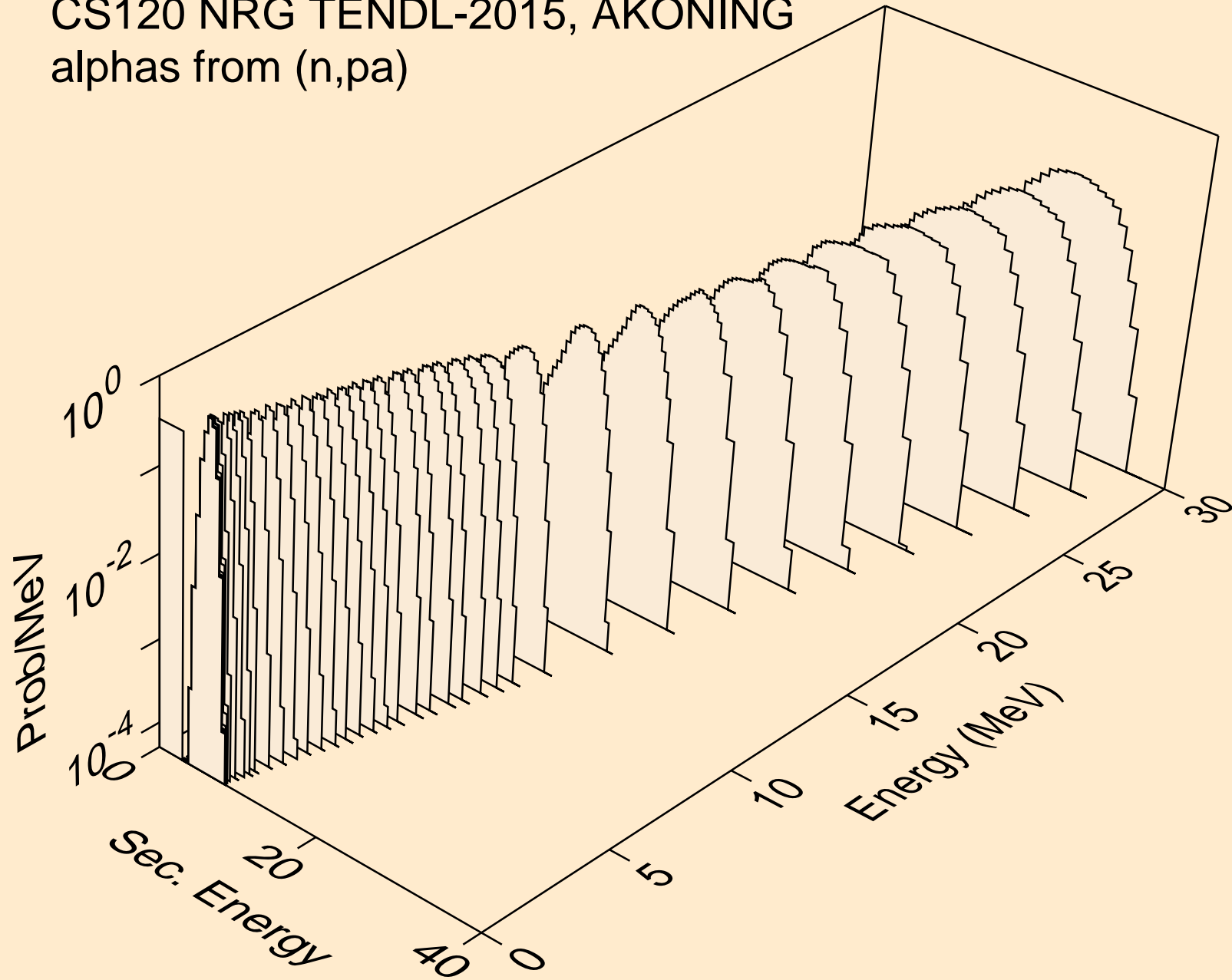
CS120 NRG TENDL-2015, AKONING  
alphas from (n,2a)



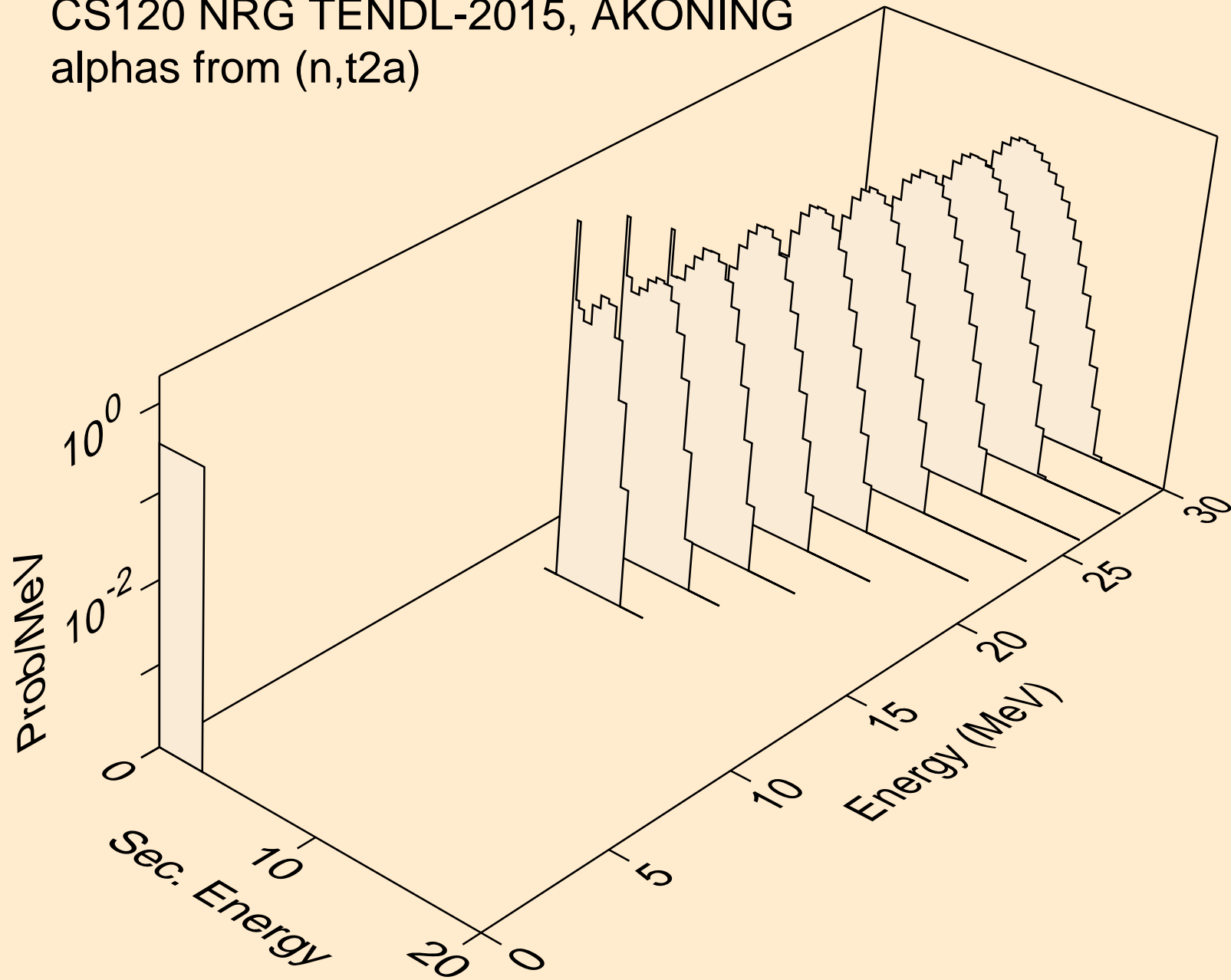
CS120 NRG TENDL-2015, AKONING  
alphas from (n,3a)



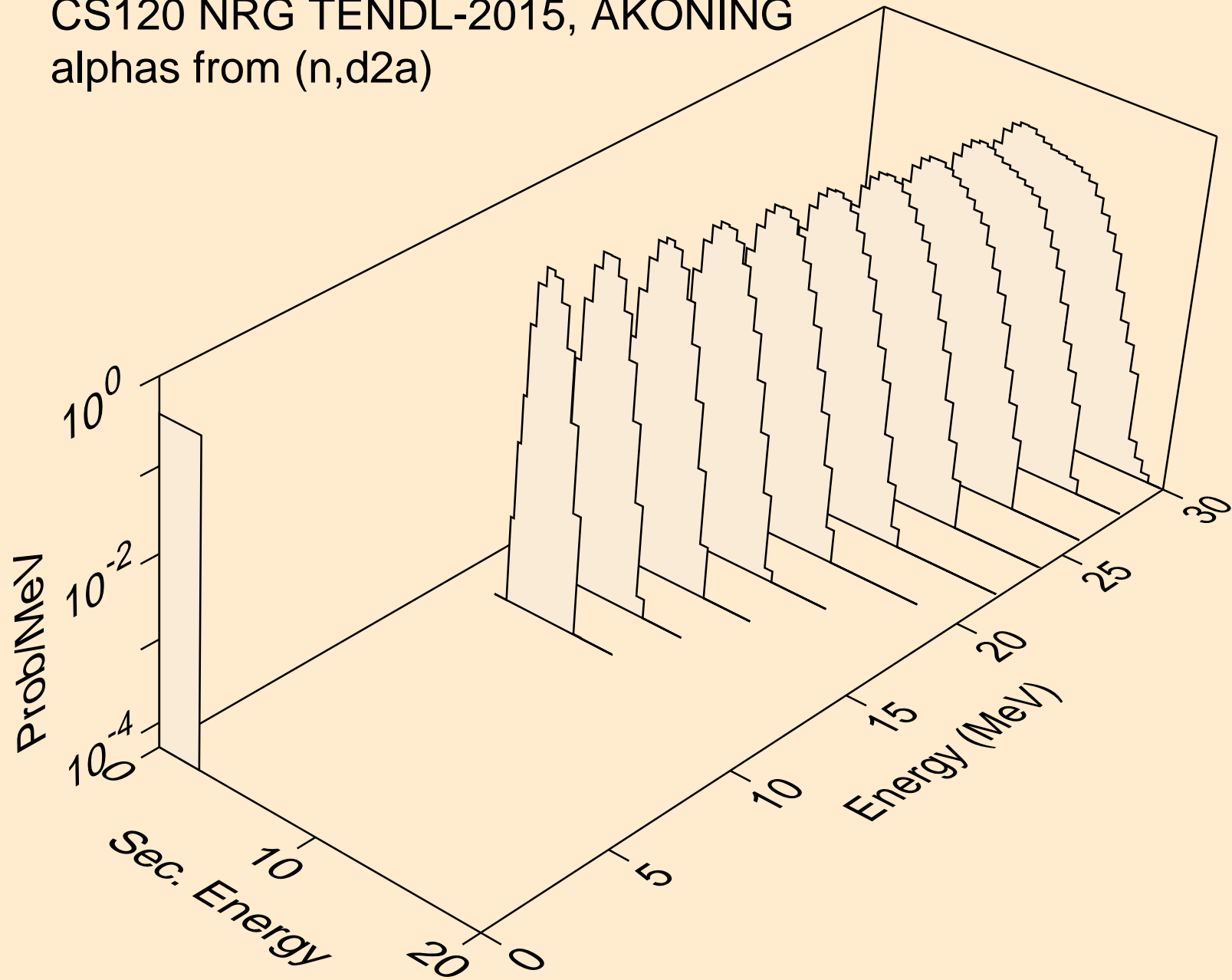
CS120 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CS120 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



CS120 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



CS120 NRG TENDL-2015, AKONING  
alphas from (n,da)

