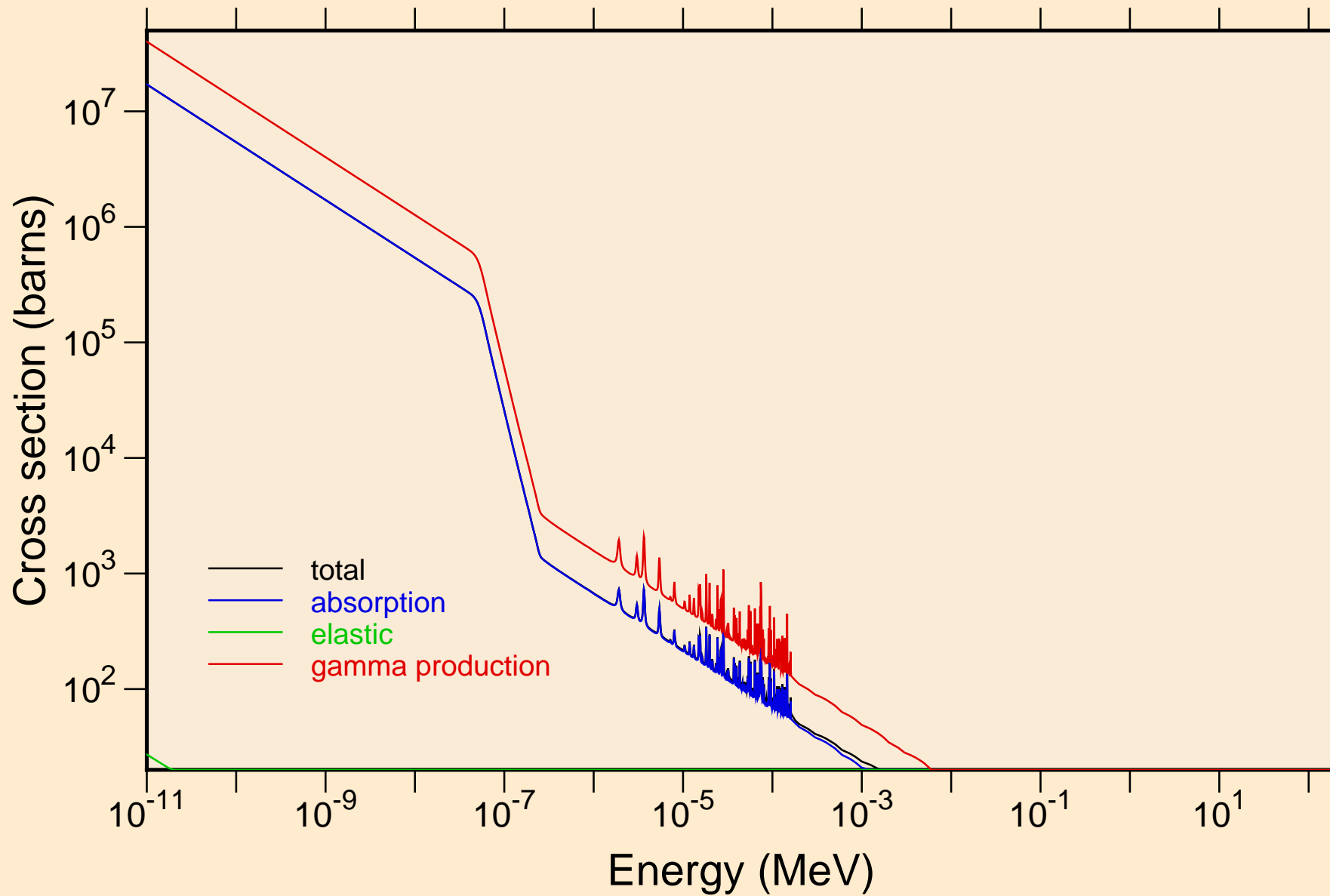
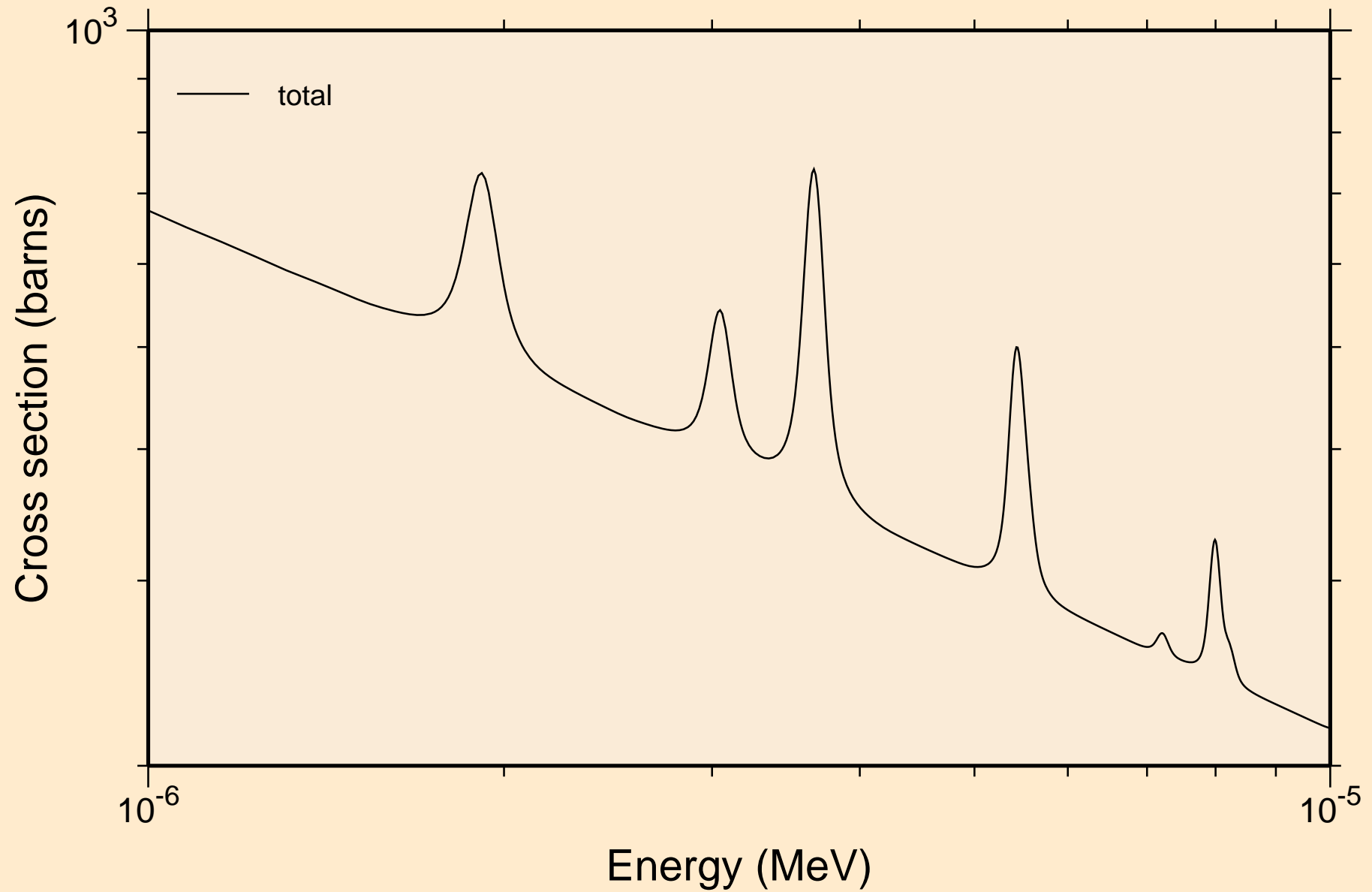


# CE121 NRG TENDL-2015, AKONING

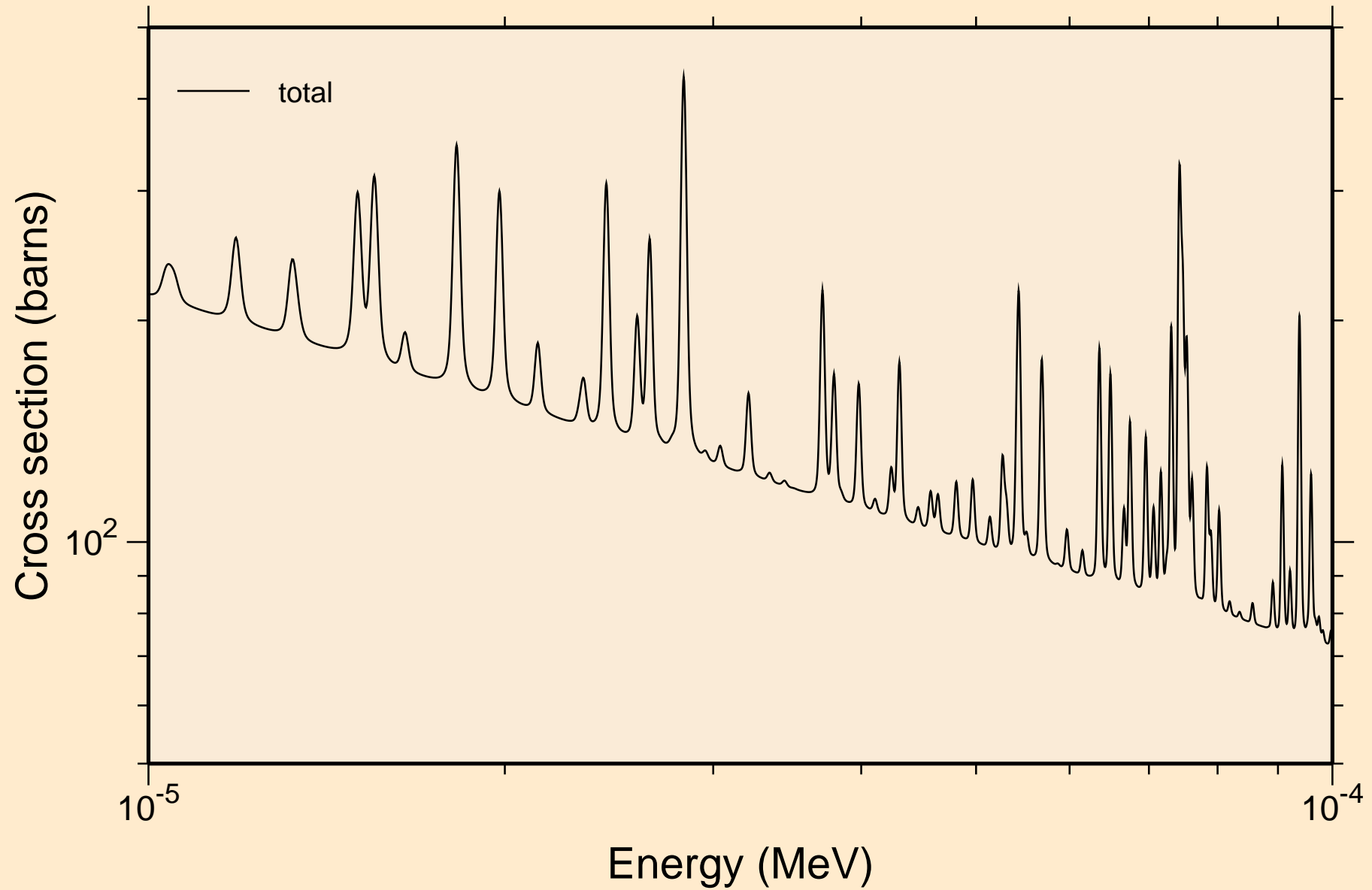
## Principal cross sections



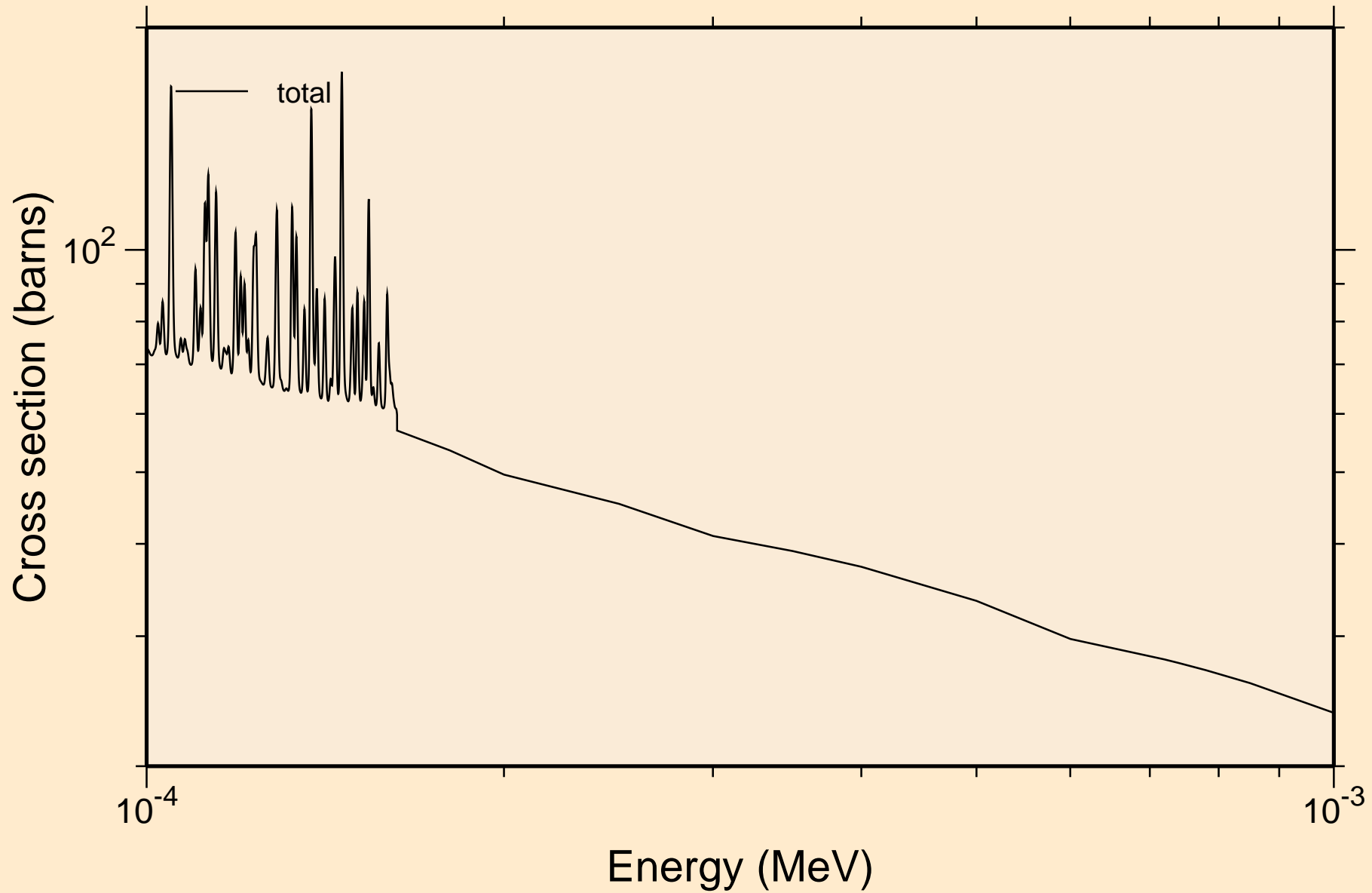
CE121 NRG TENDL-2015, AKONING  
resonance total cross section



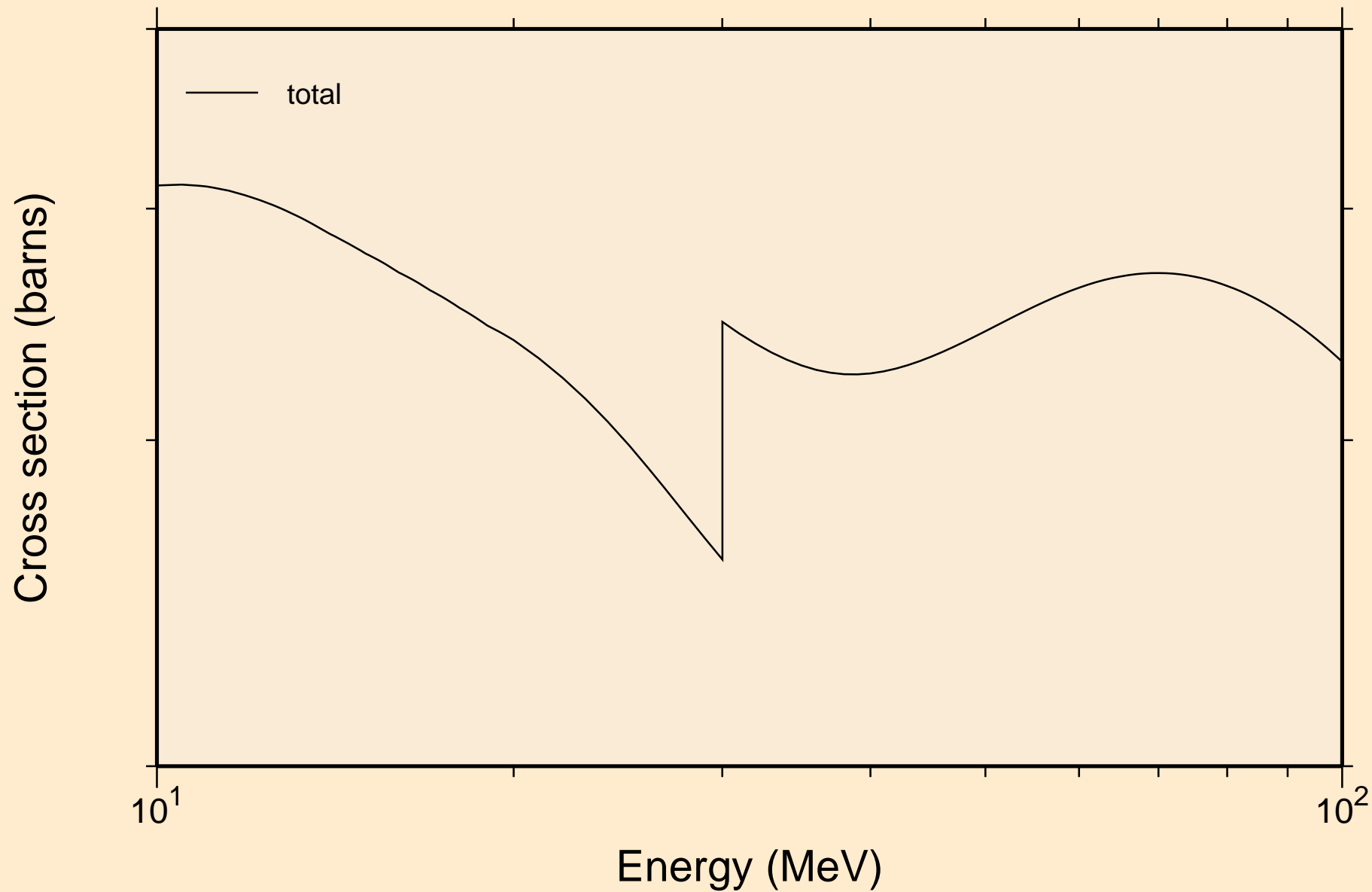
CE121 NRG TENDL-2015, AKONING  
resonance total cross section



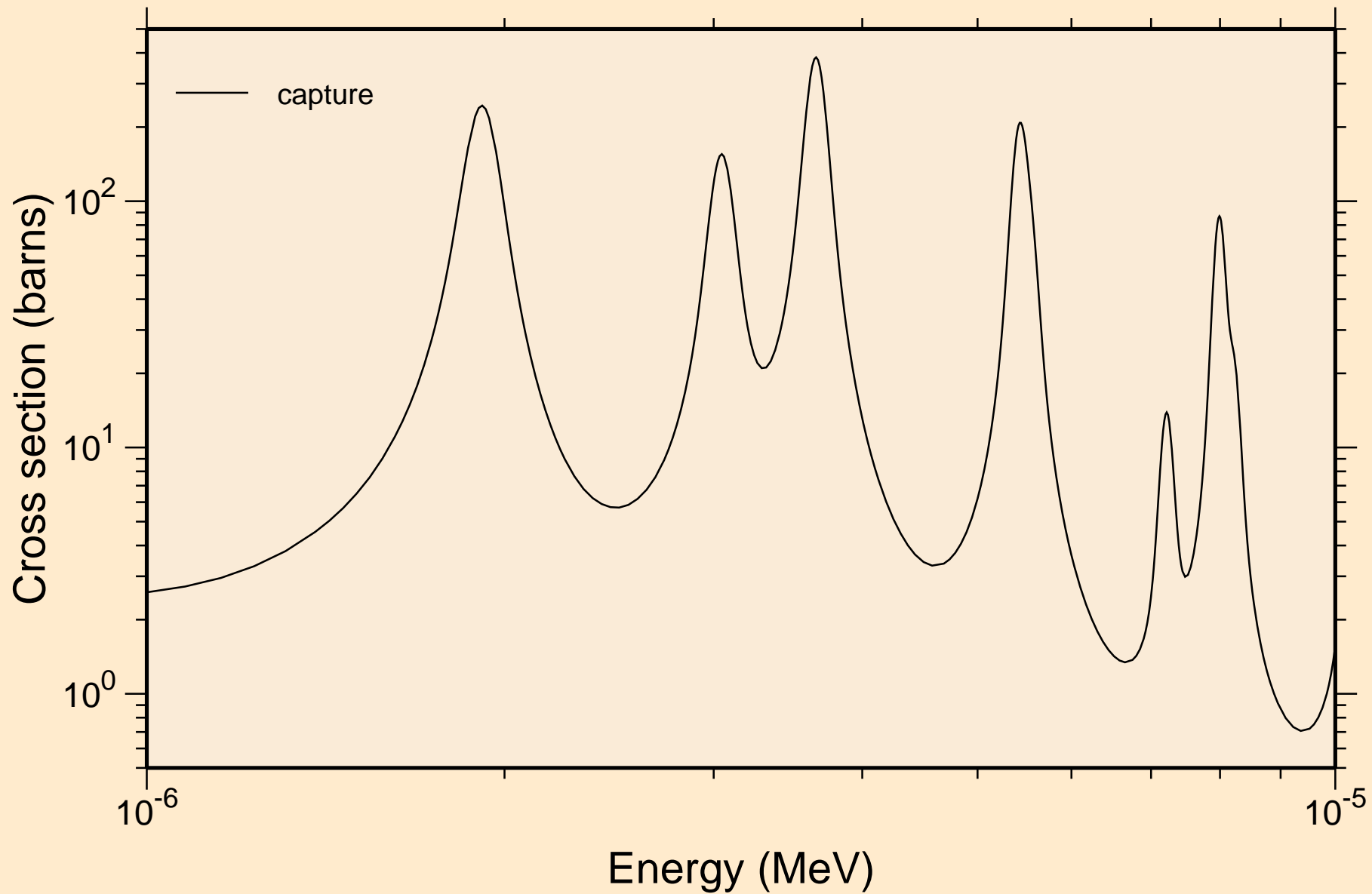
CE121 NRG TENDL-2015, AKONING  
resonance total cross section



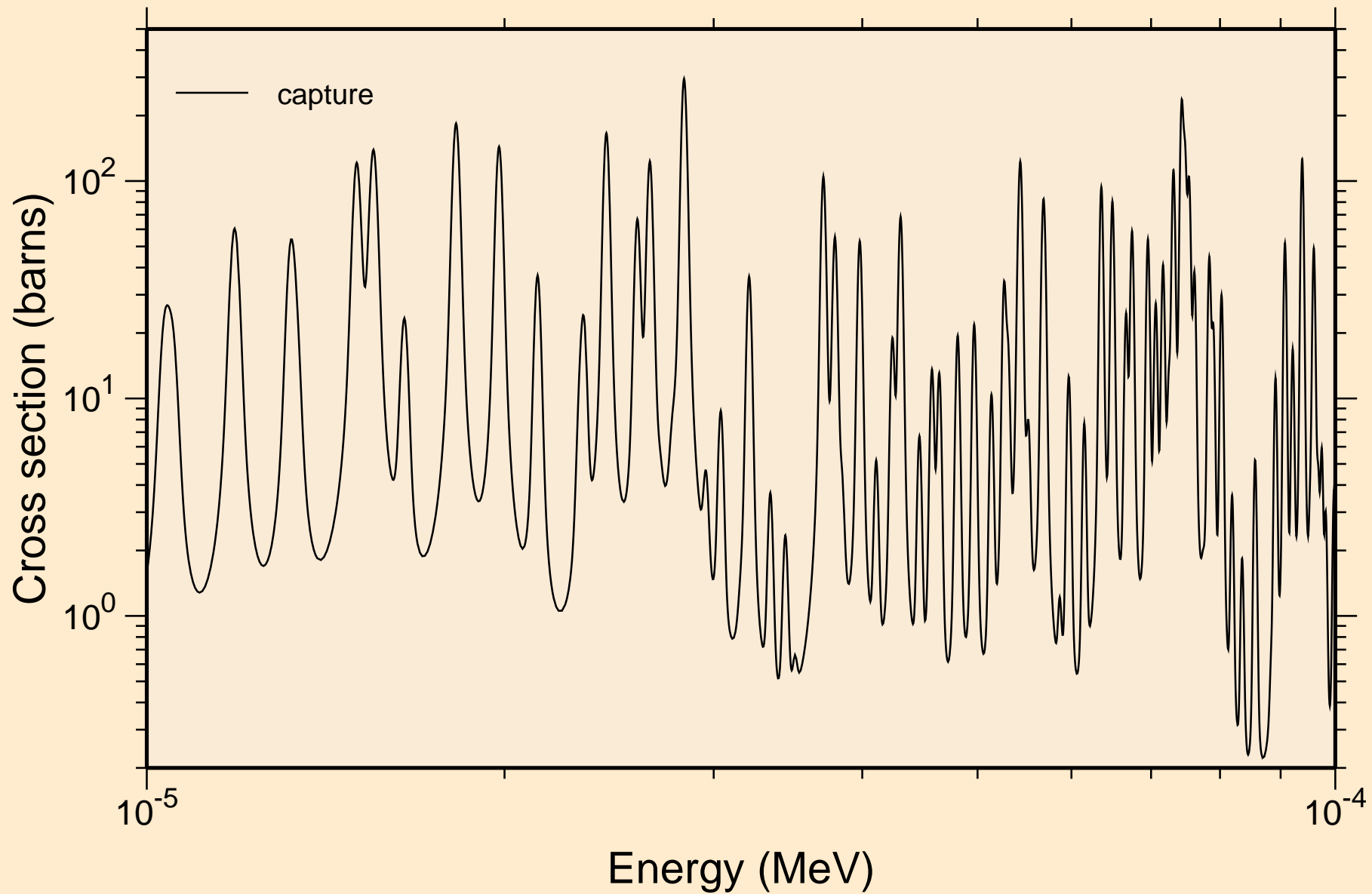
C<sup>121</sup> NRG TENDL-2015, AKONING  
resonance total cross section



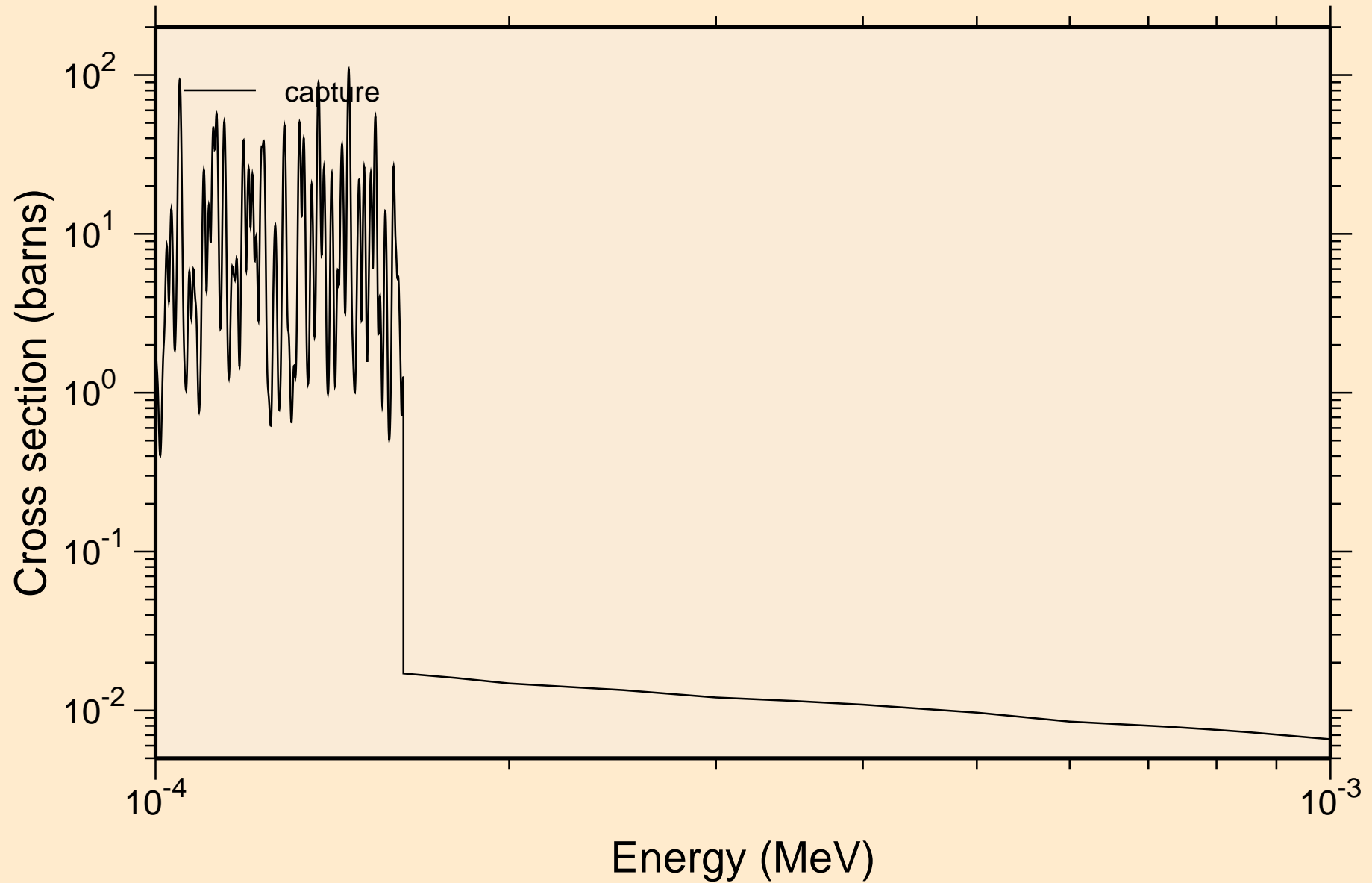
CE121 NRG TENDL-2015, AKONING  
resonance absorption cross sections



CE121 NRG TENDL-2015, AKONING  
resonance absorption cross sections

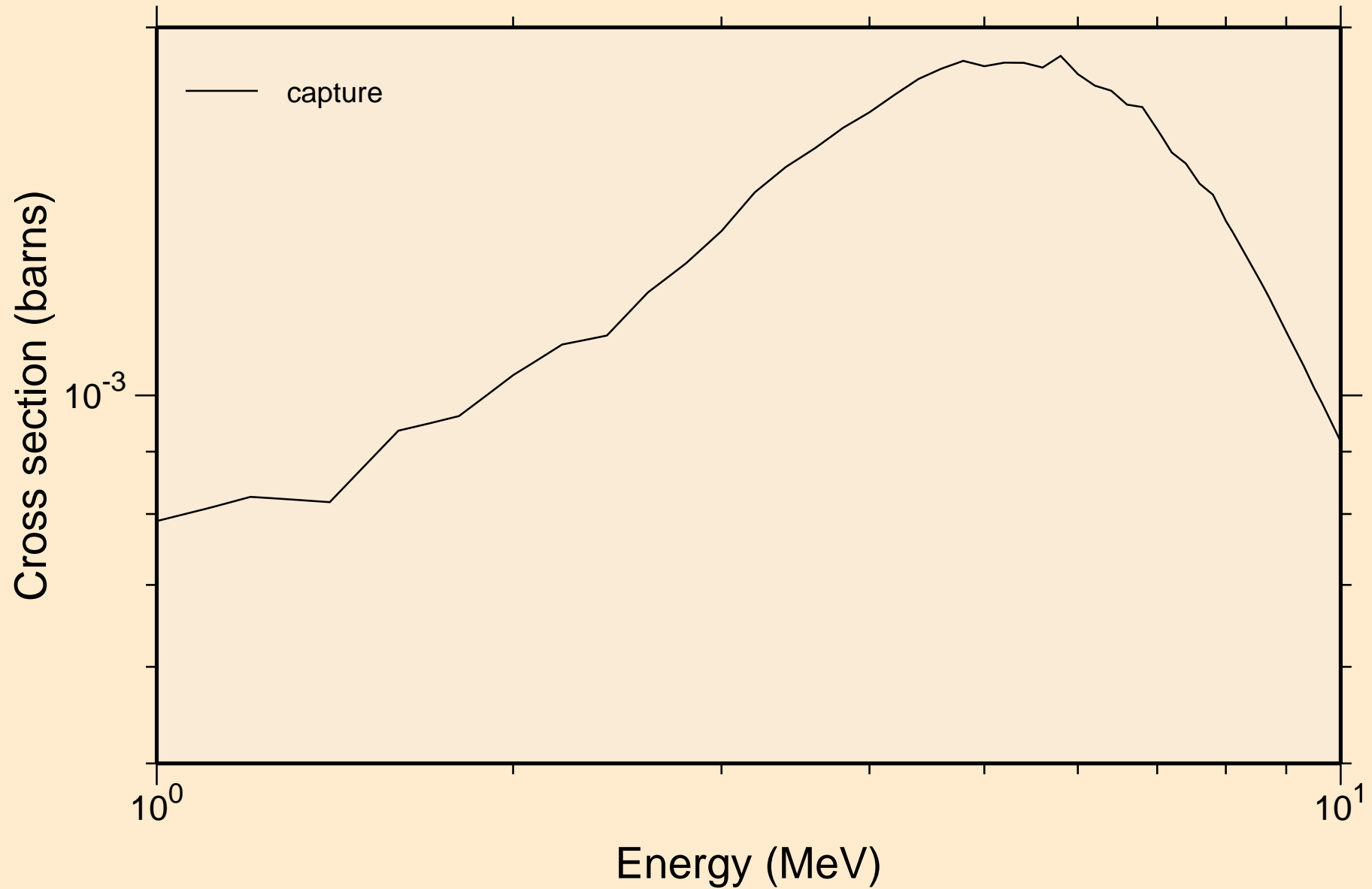


CE121 NRG TENDL-2015, AKONING  
resonance absorption cross sections



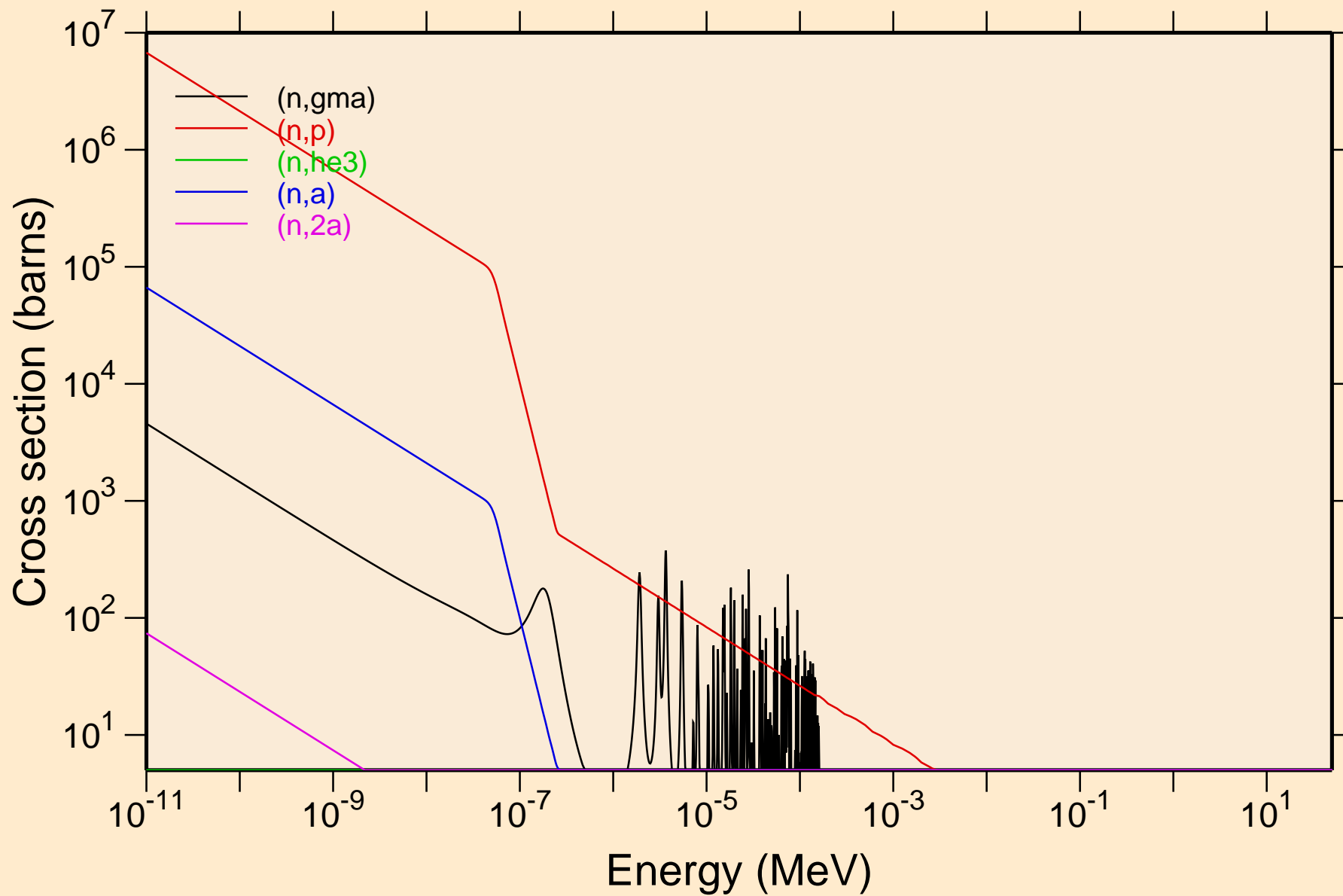


CE121 NRG TENDL-2015, AKONING  
resonance absorption cross sections



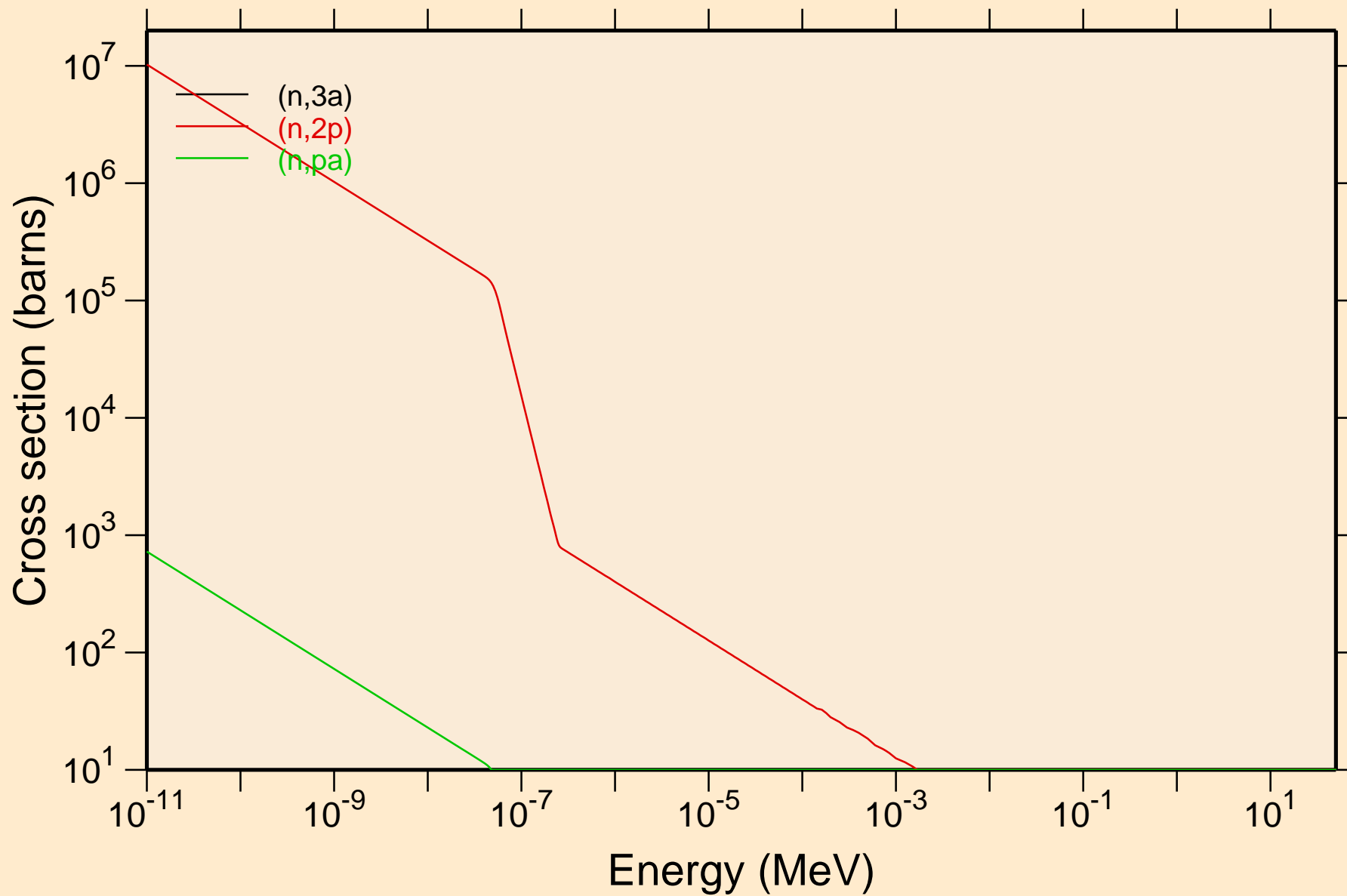
# CE121 NRG TENDL-2015, AKONING

## Non-threshold reactions



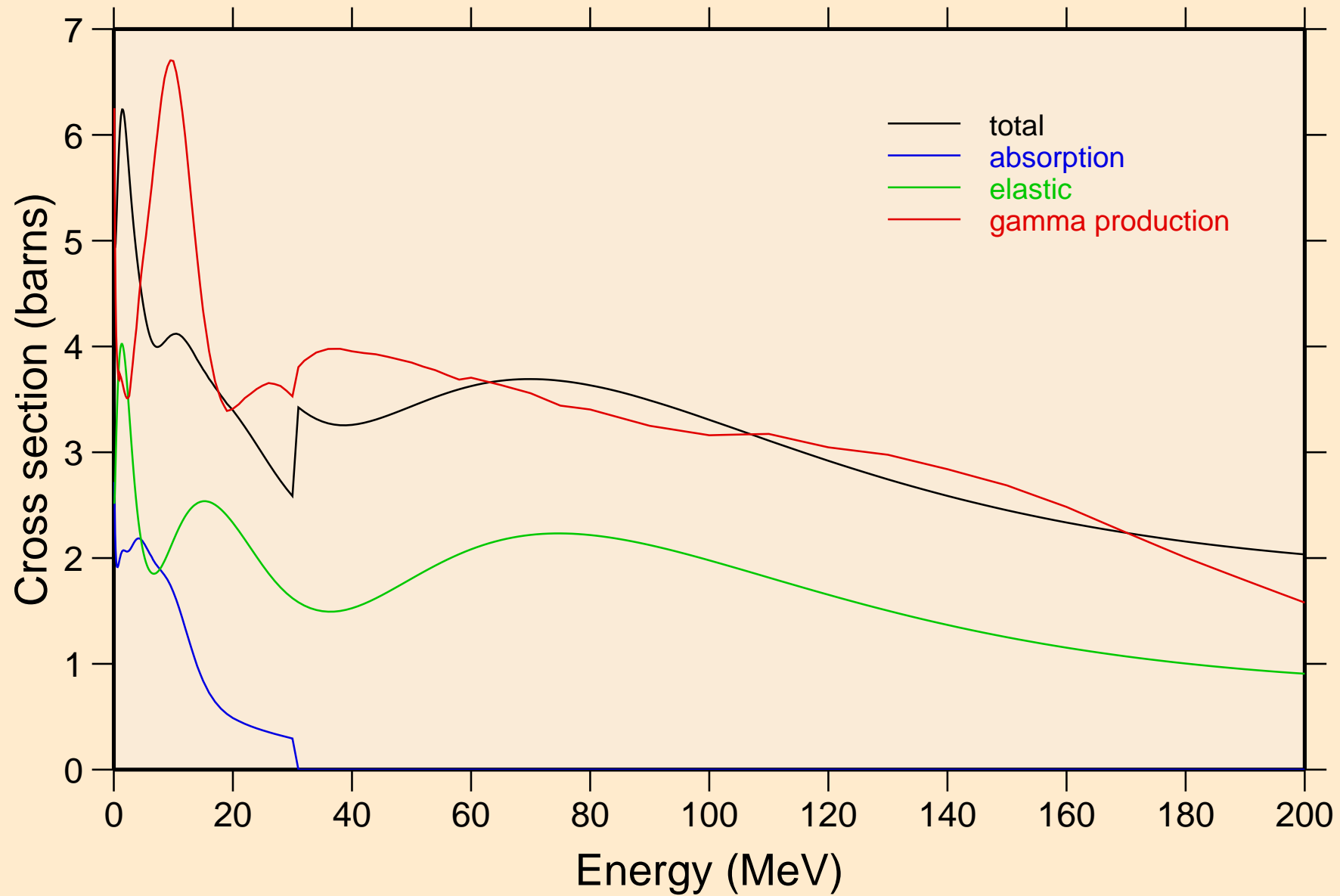
# CE121 NRG TENDL-2015, AKONING

## Non-threshold reactions



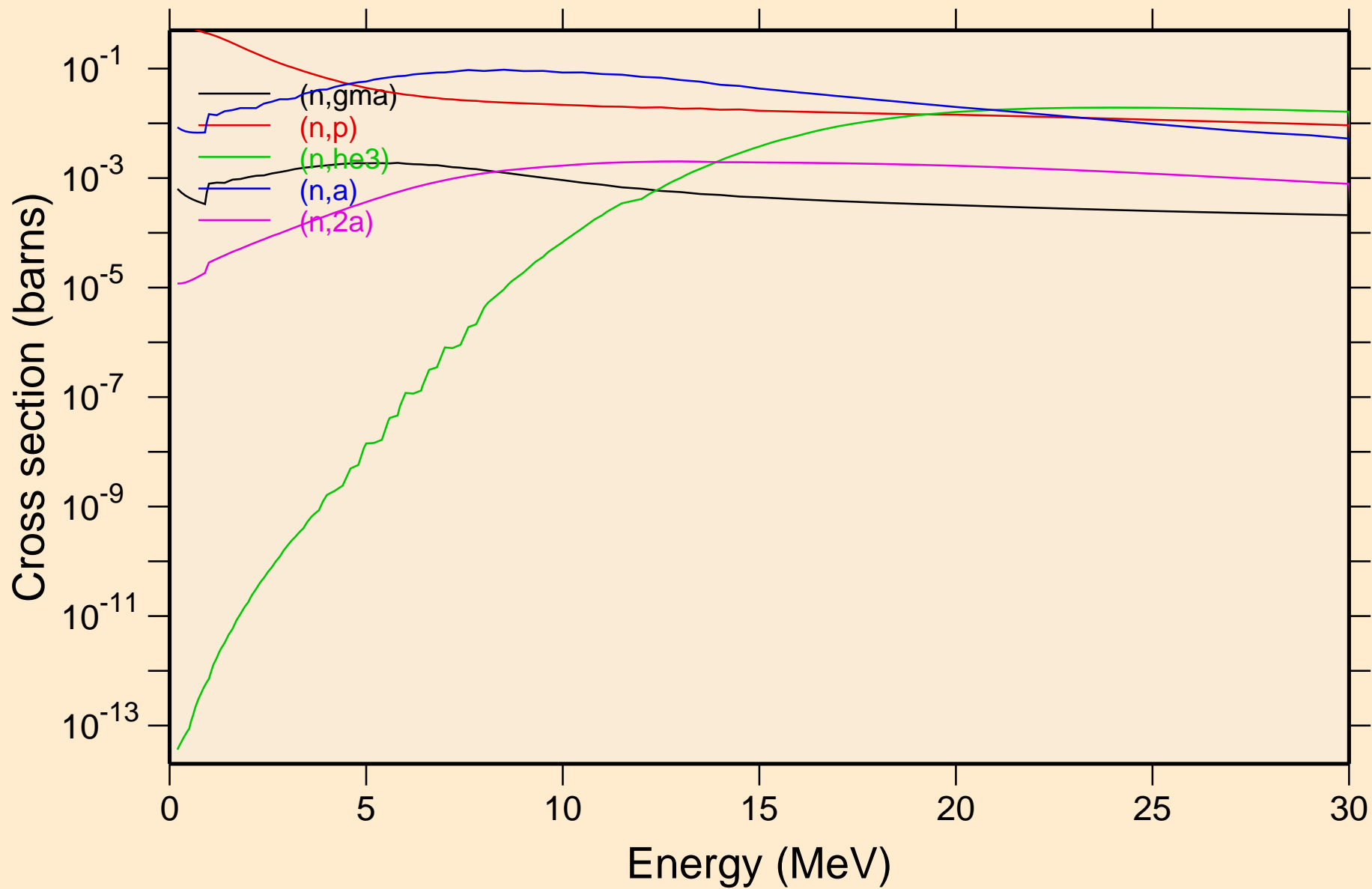
# CE121 NRG TENDL-2015, AKONING

## Principal cross sections



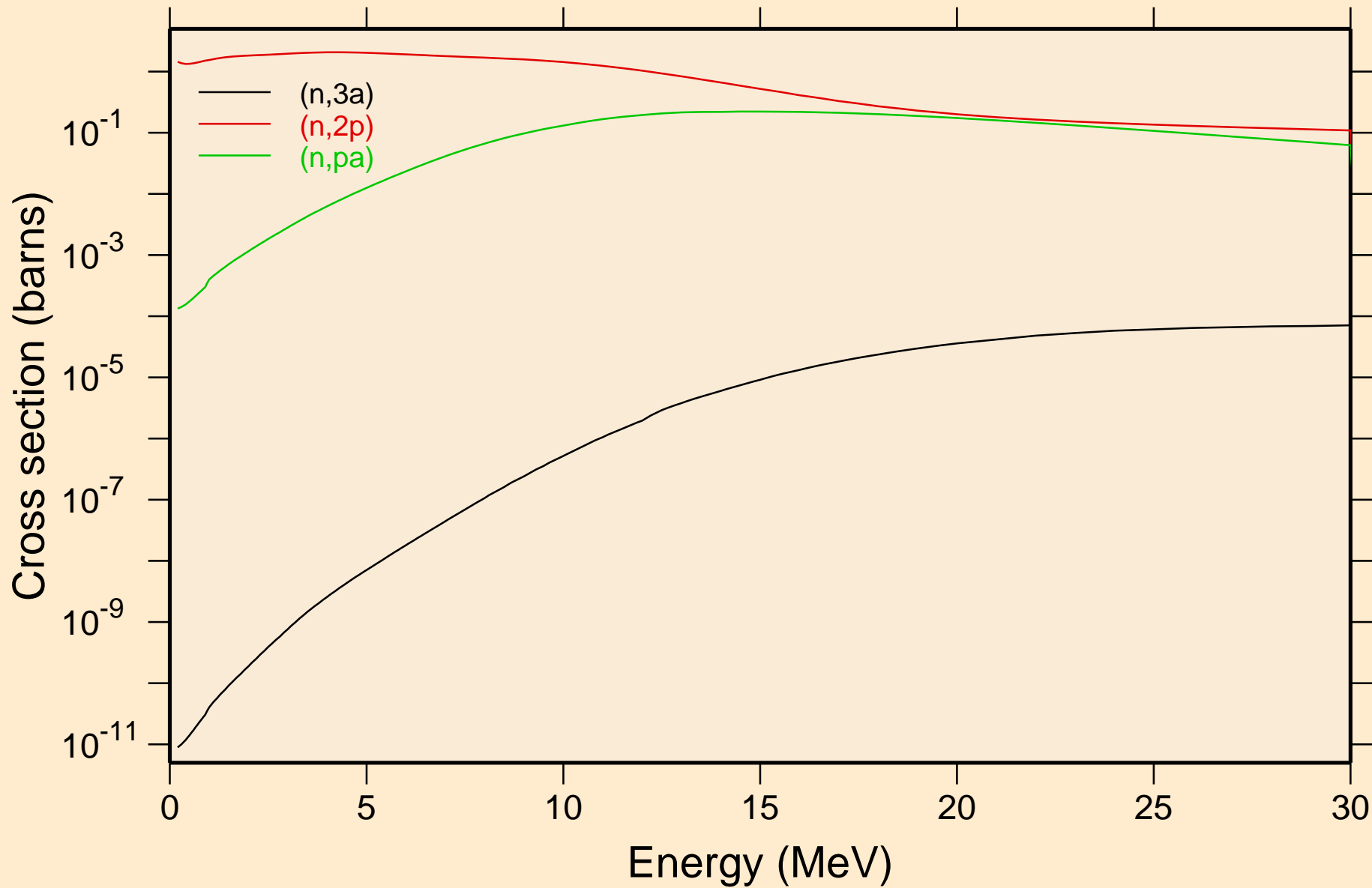
# CE121 NRG TENDL-2015, AKONING

## Non-threshold reactions



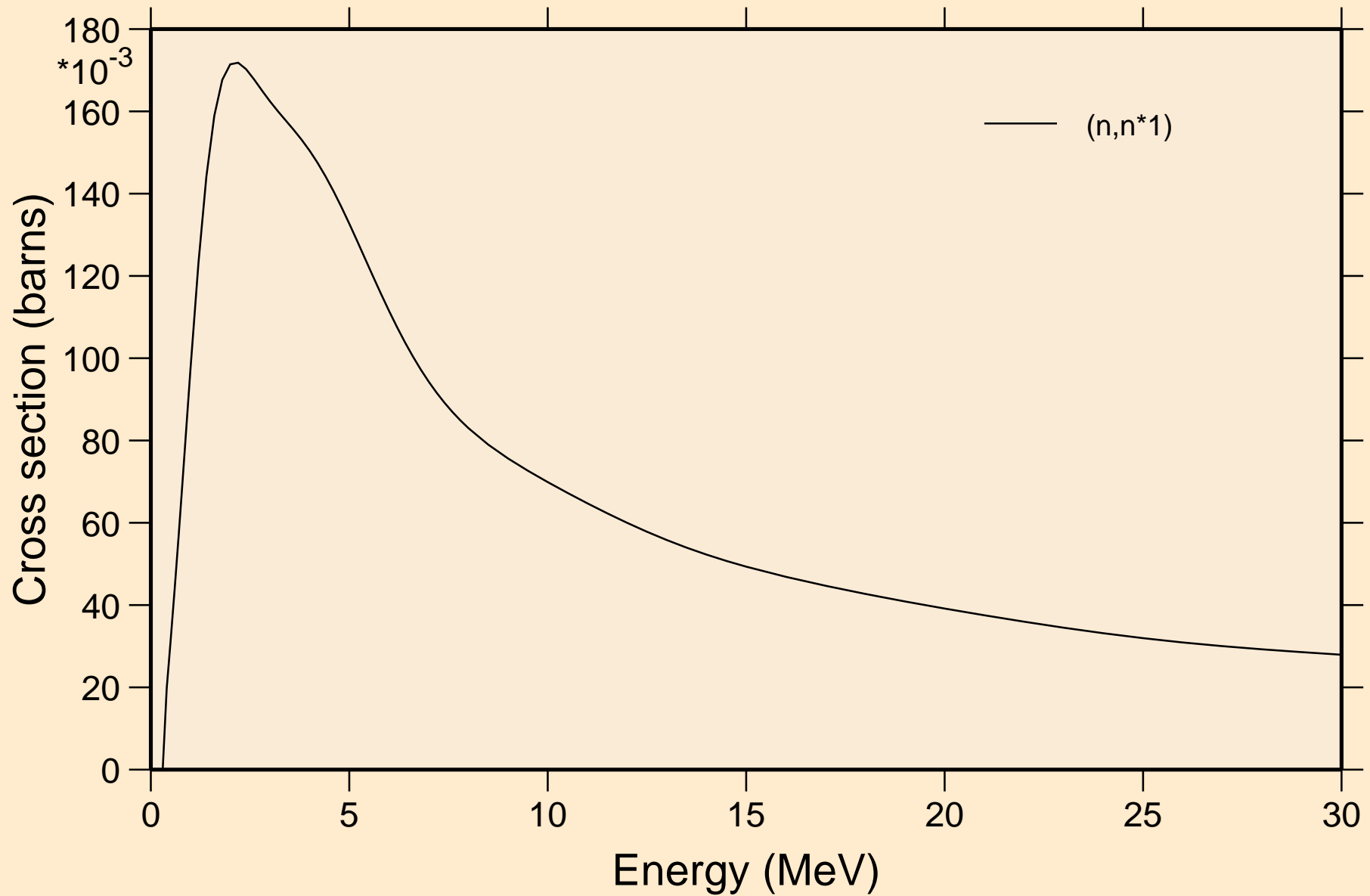
# CE121 NRG TENDL-2015, AKONING

## Non-threshold reactions



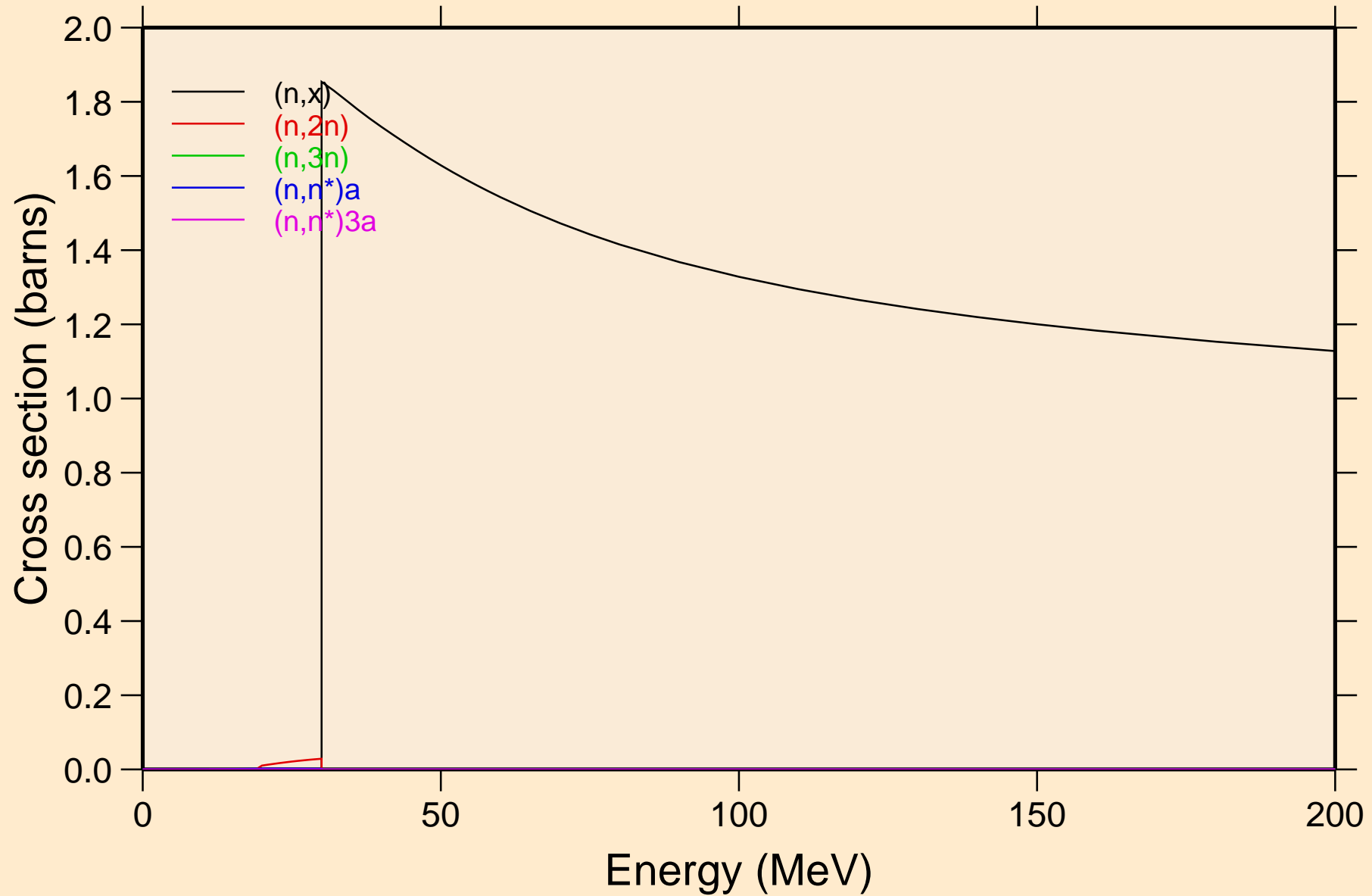
# CE121 NRG TENDL-2015, AKONING

## Inelastic levels



# CE121 NRG TENDL-2015, AKONING

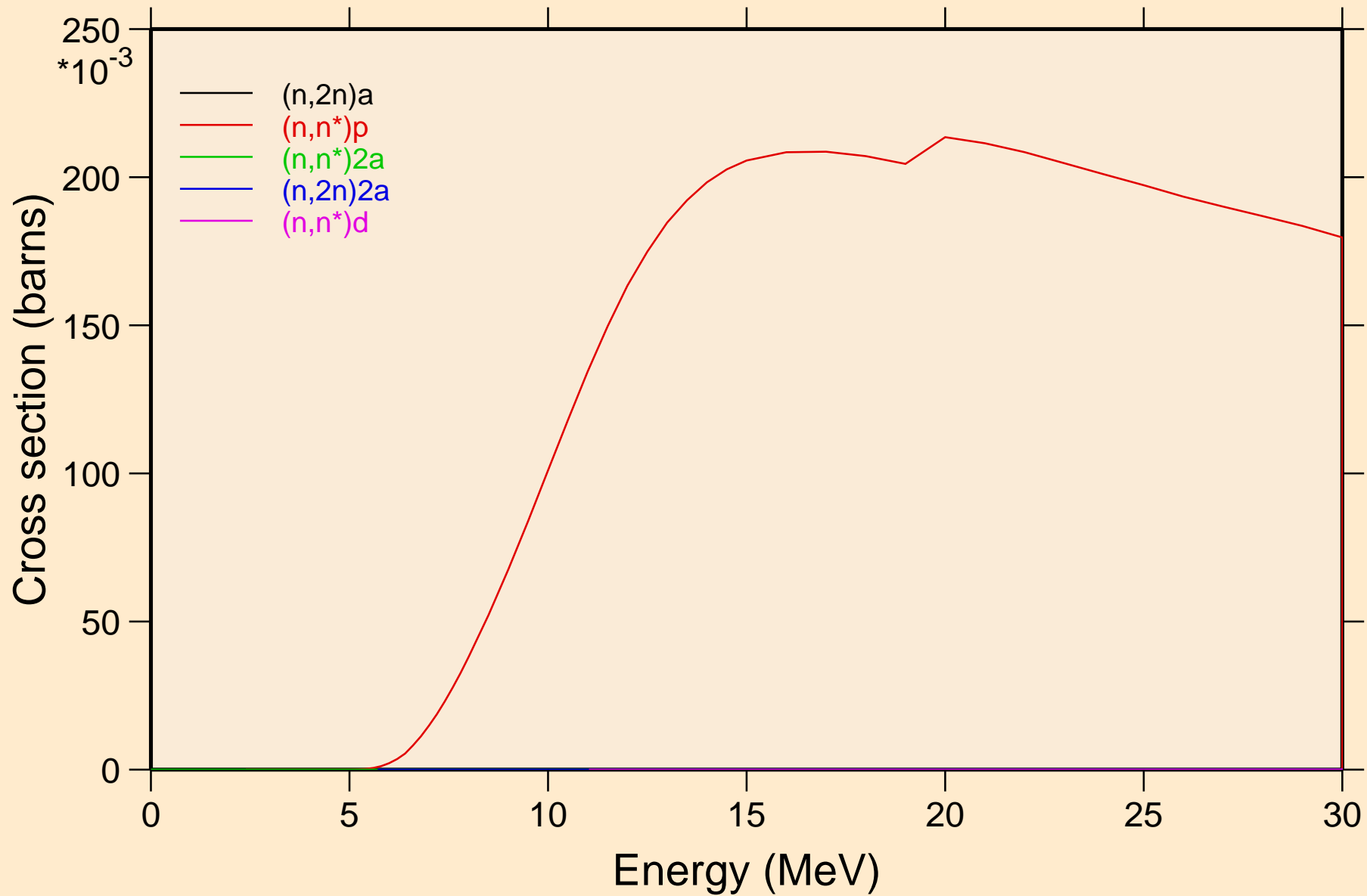
## Threshold reactions





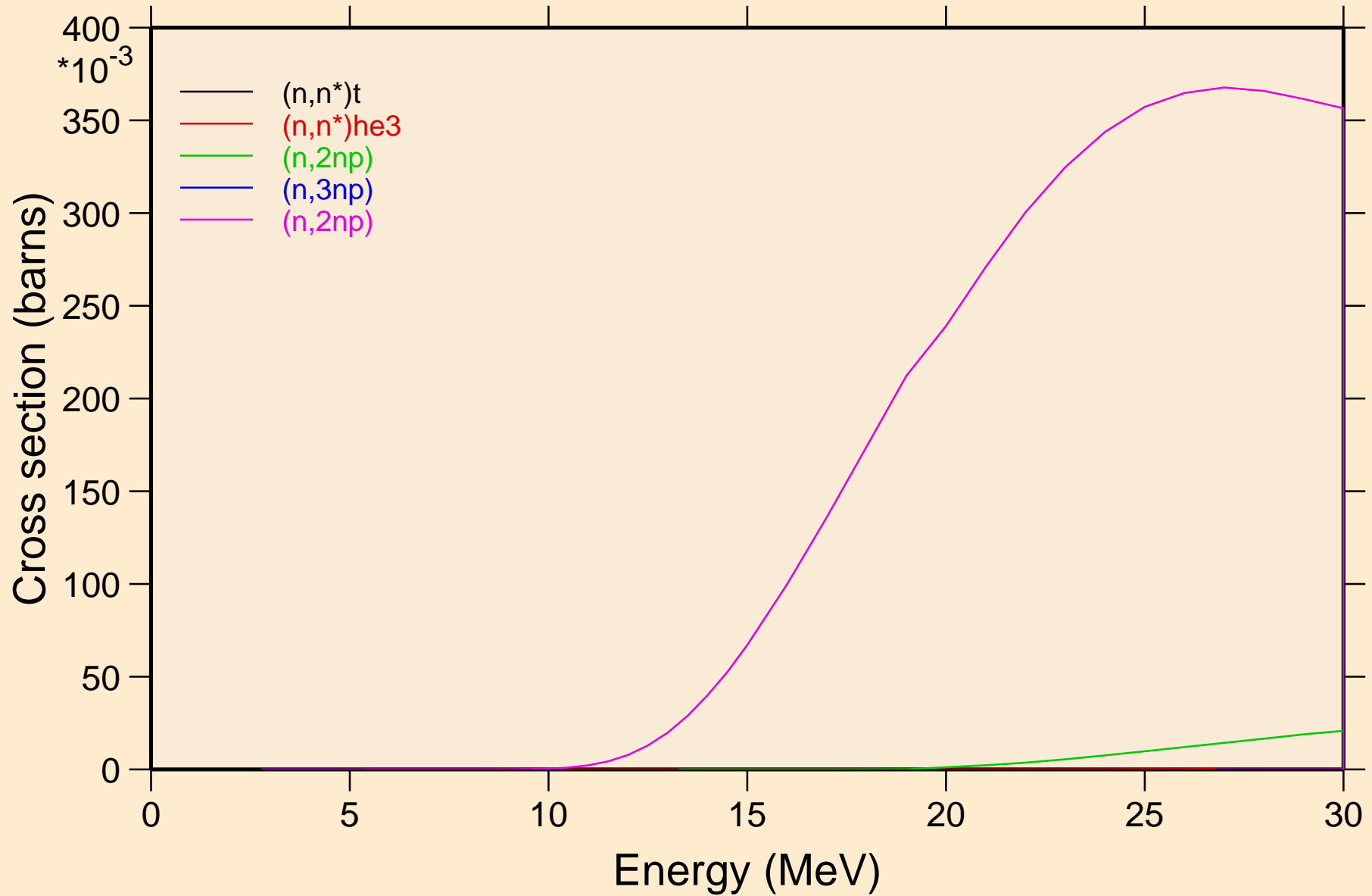
# CE121 NRG TENDL-2015, AKONING

## Threshold reactions



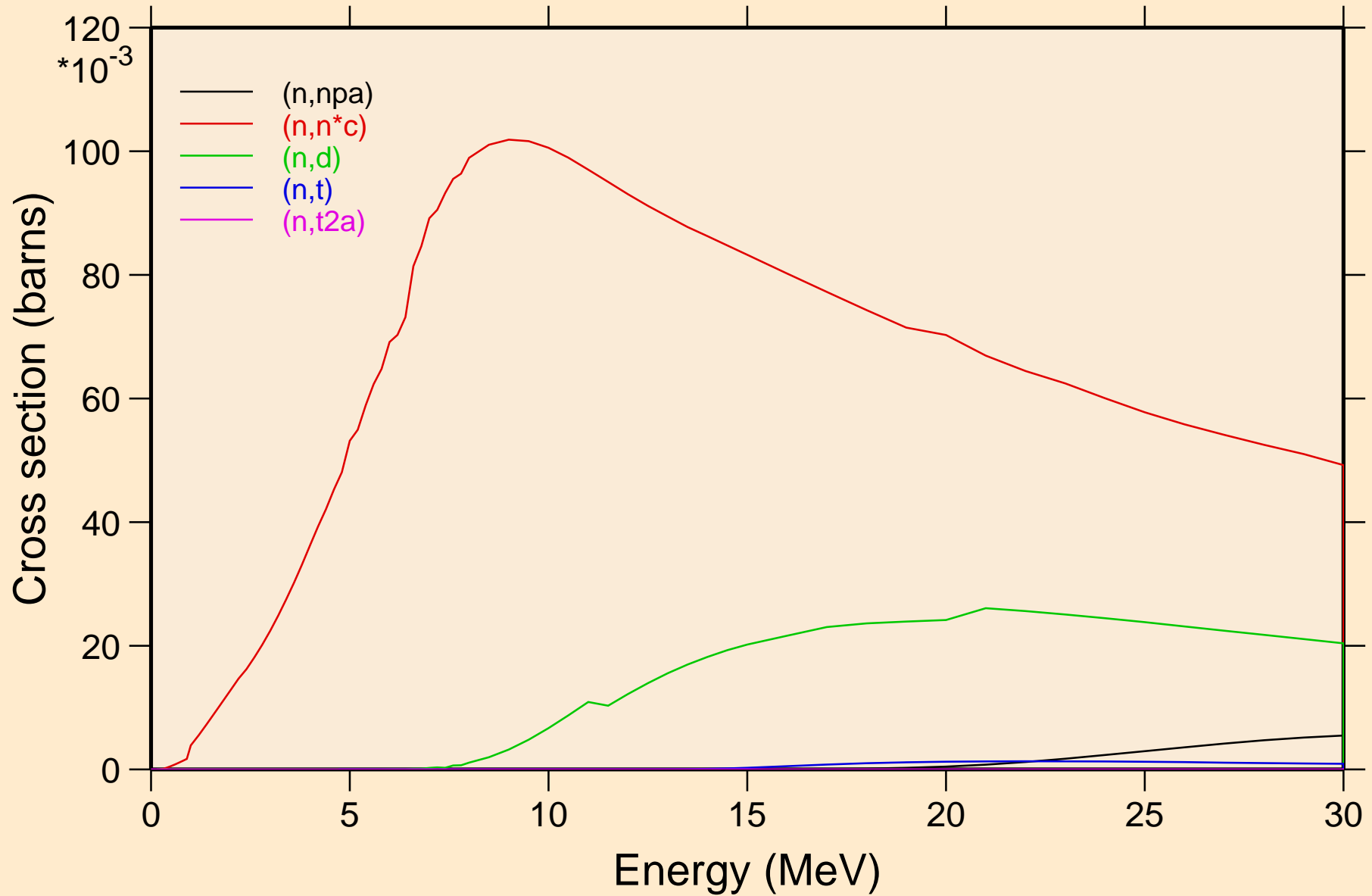
# CE121 NRG TENDL-2015, AKONING

## Threshold reactions



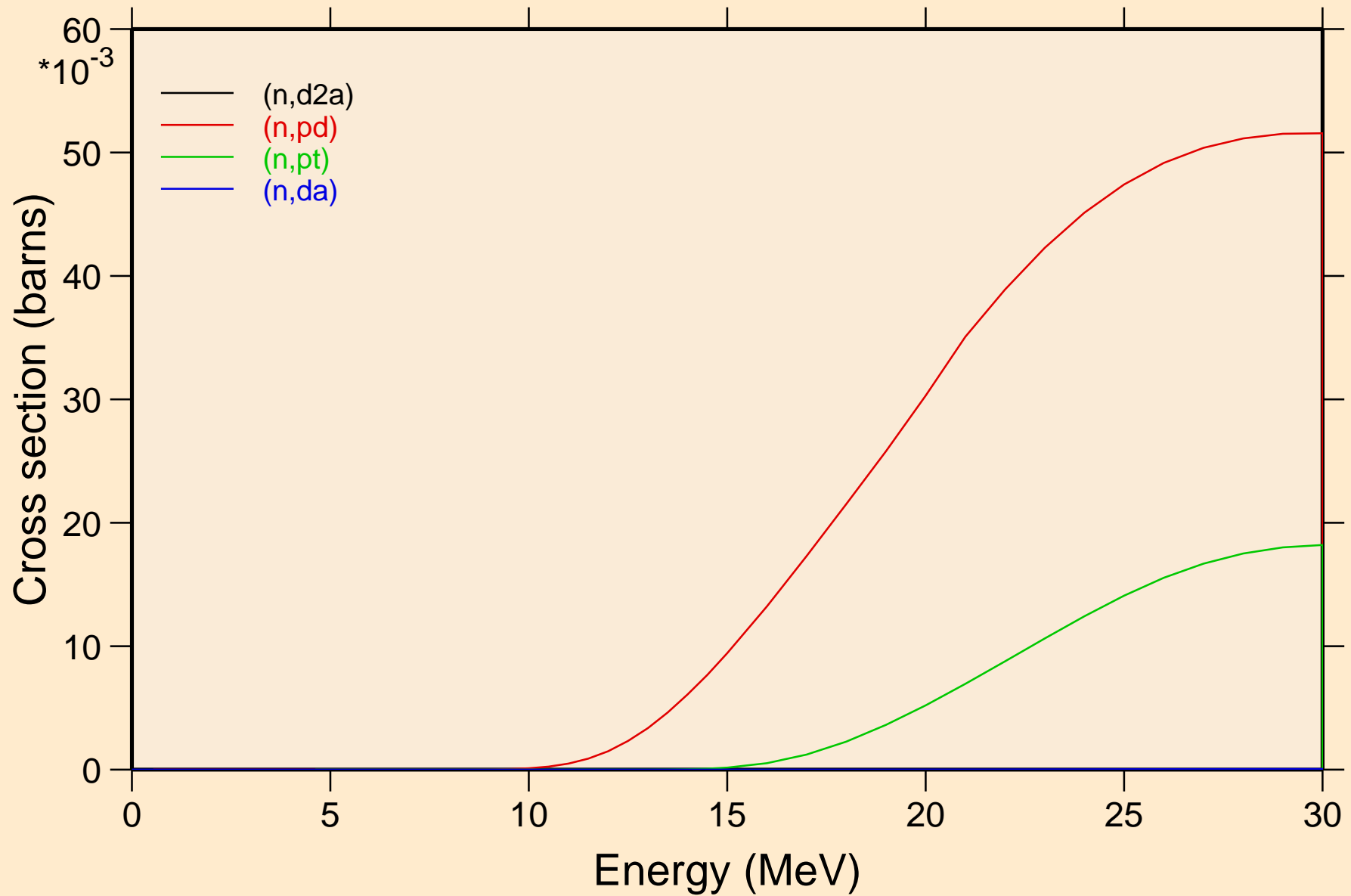
# CE121 NRG TENDL-2015, AKONING

## Threshold reactions

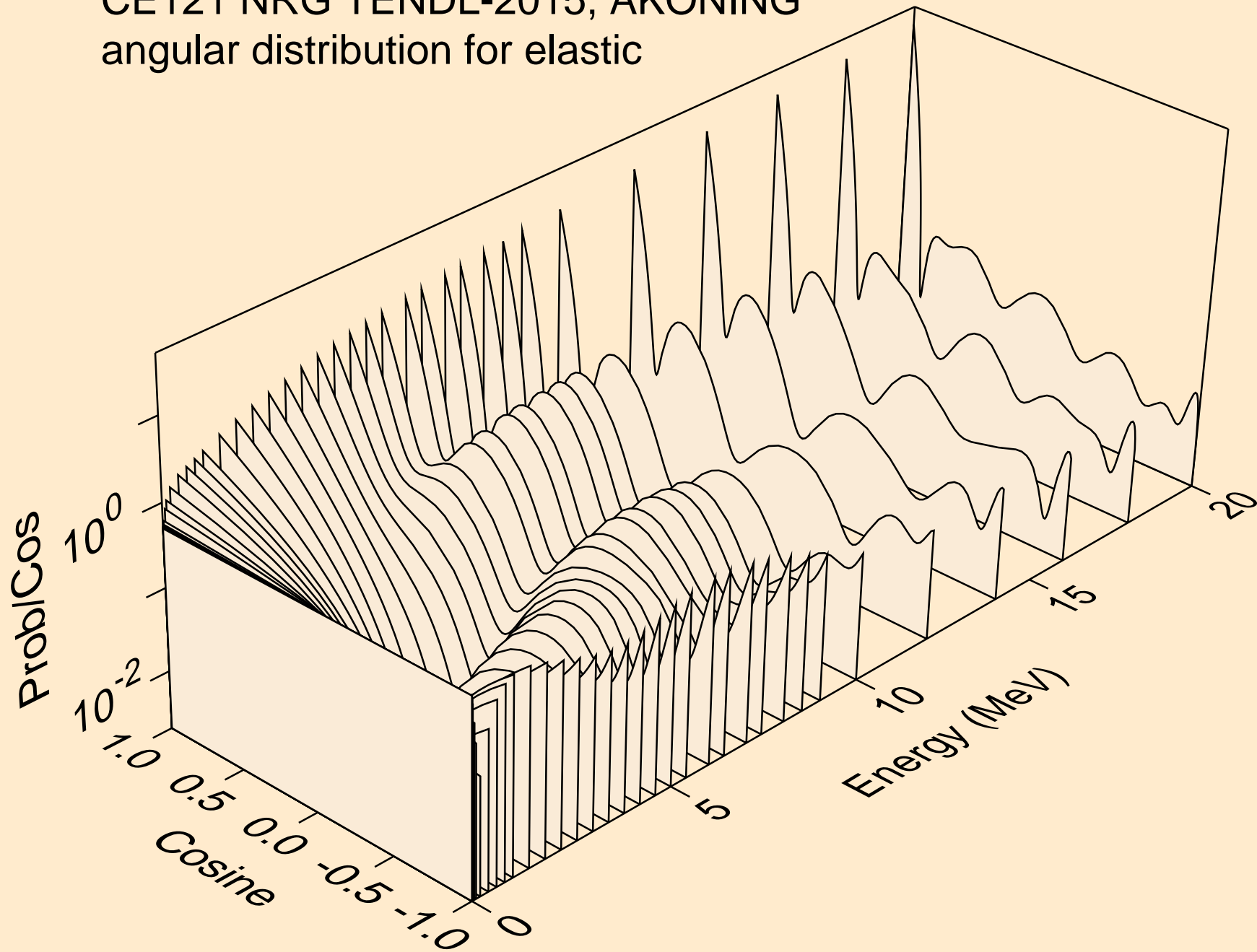


# CE121 NRG TENDL-2015, AKONING

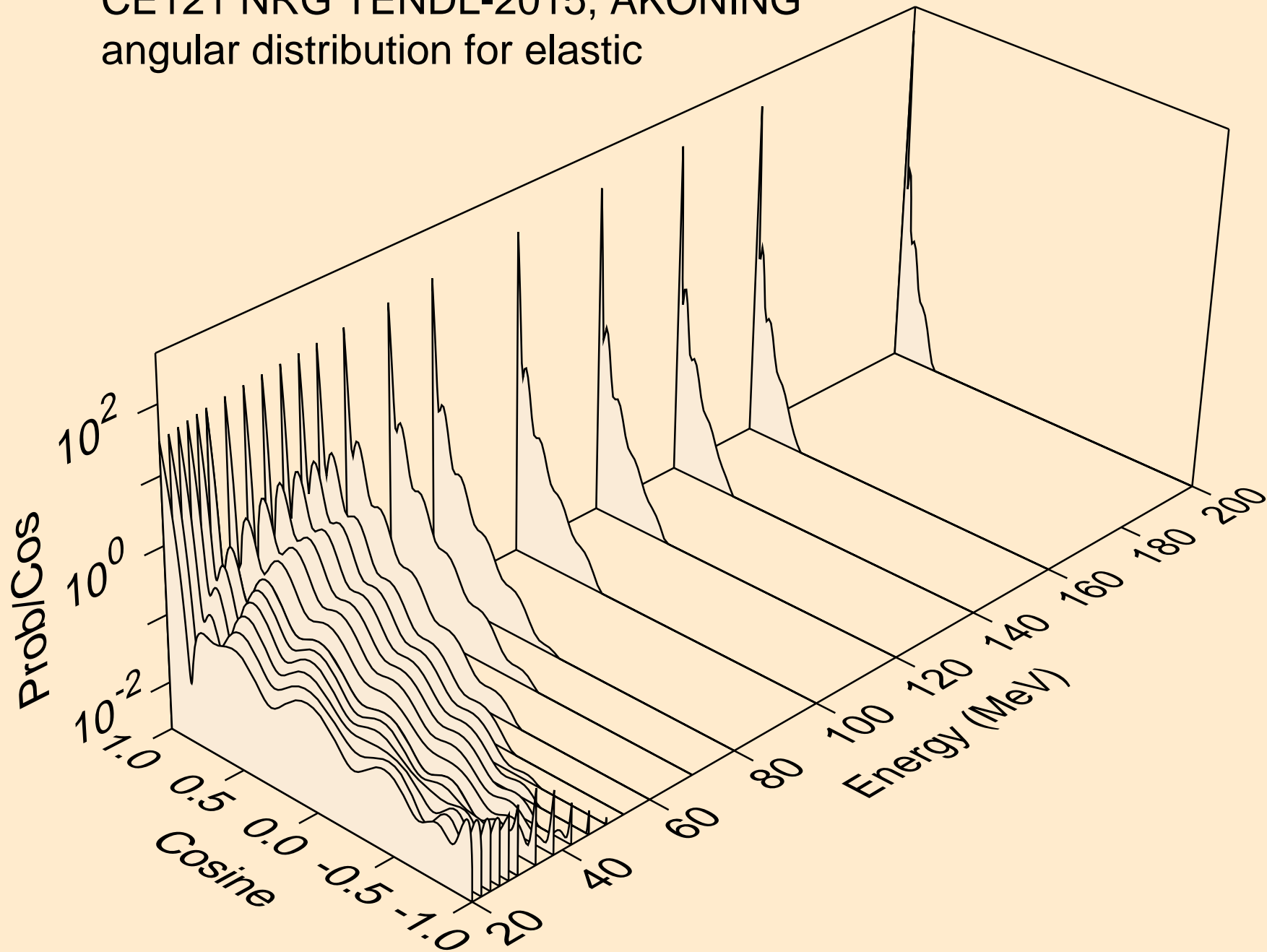
## Threshold reactions



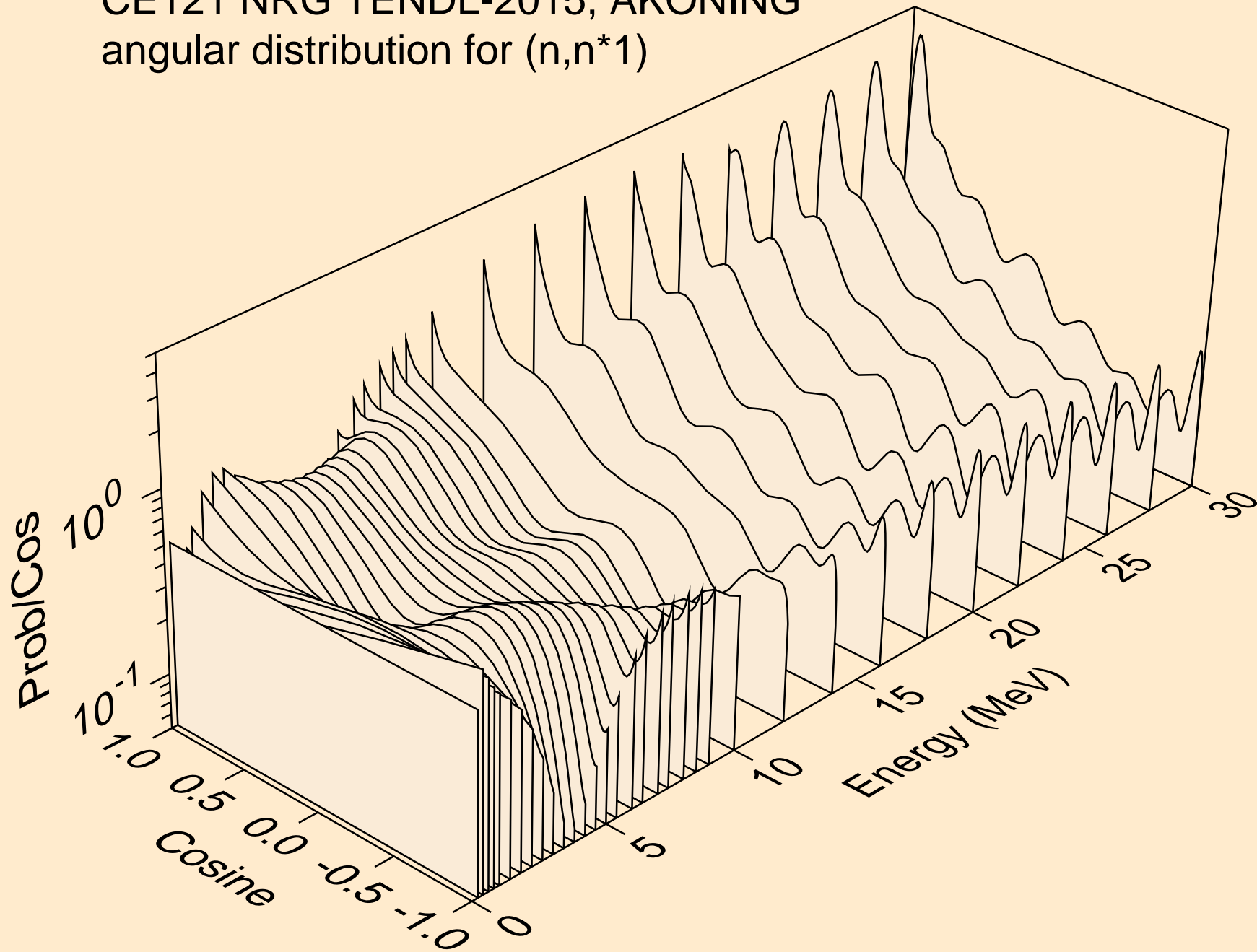
CE121 NRG TENDL-2015, AKONING  
angular distribution for elastic



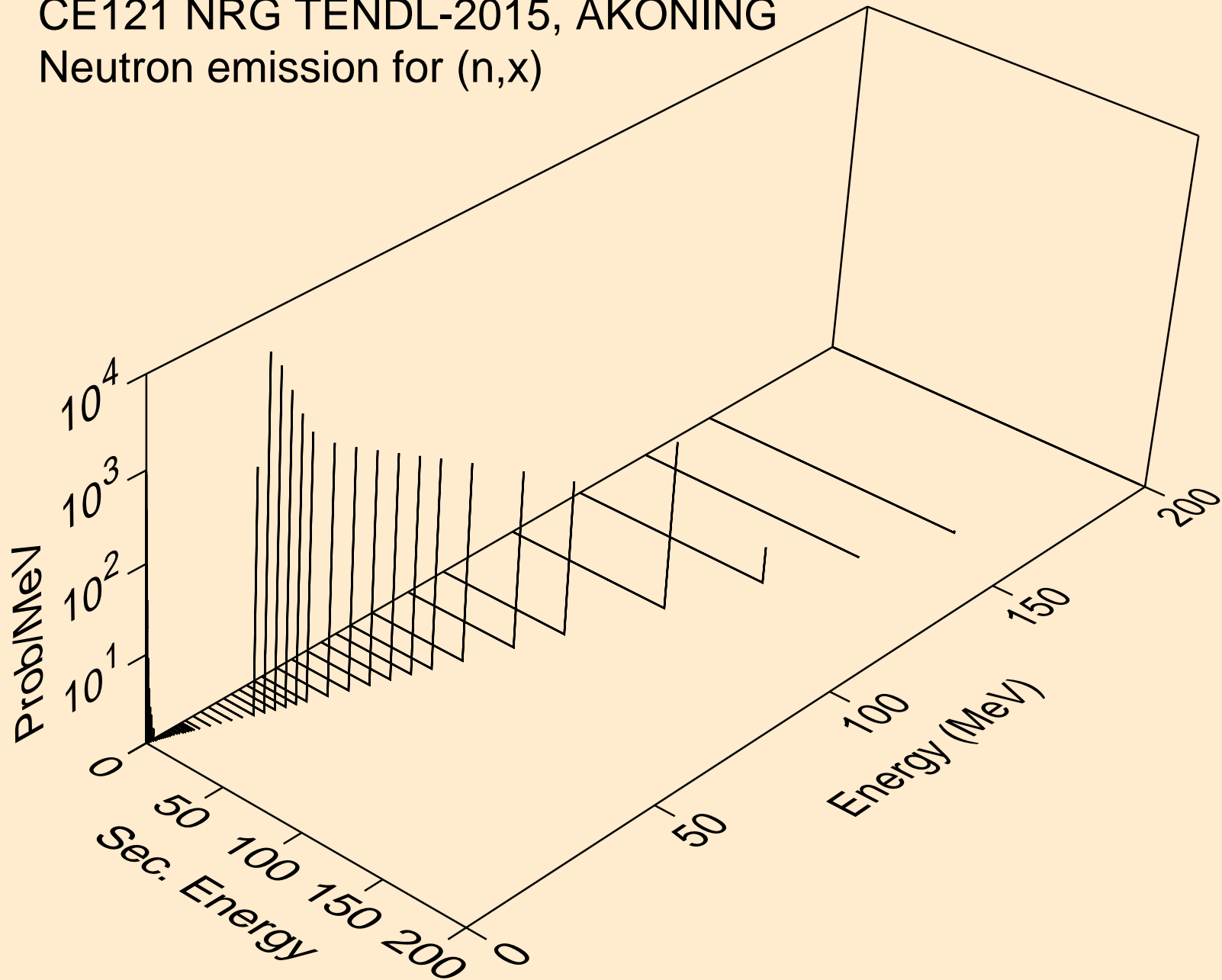
CE121 NRG TENDL-2015, AKONING  
angular distribution for elastic



CE121 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

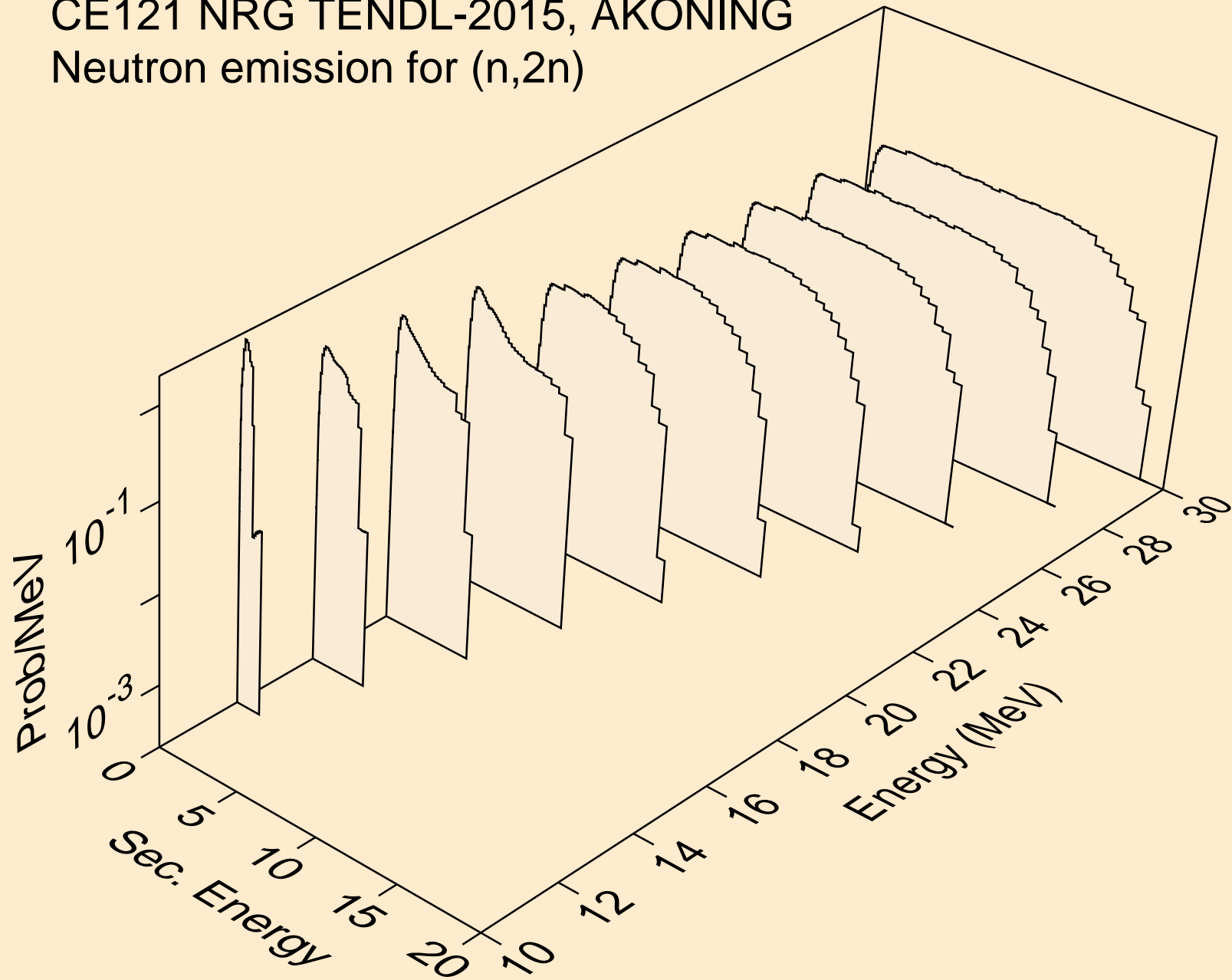


CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

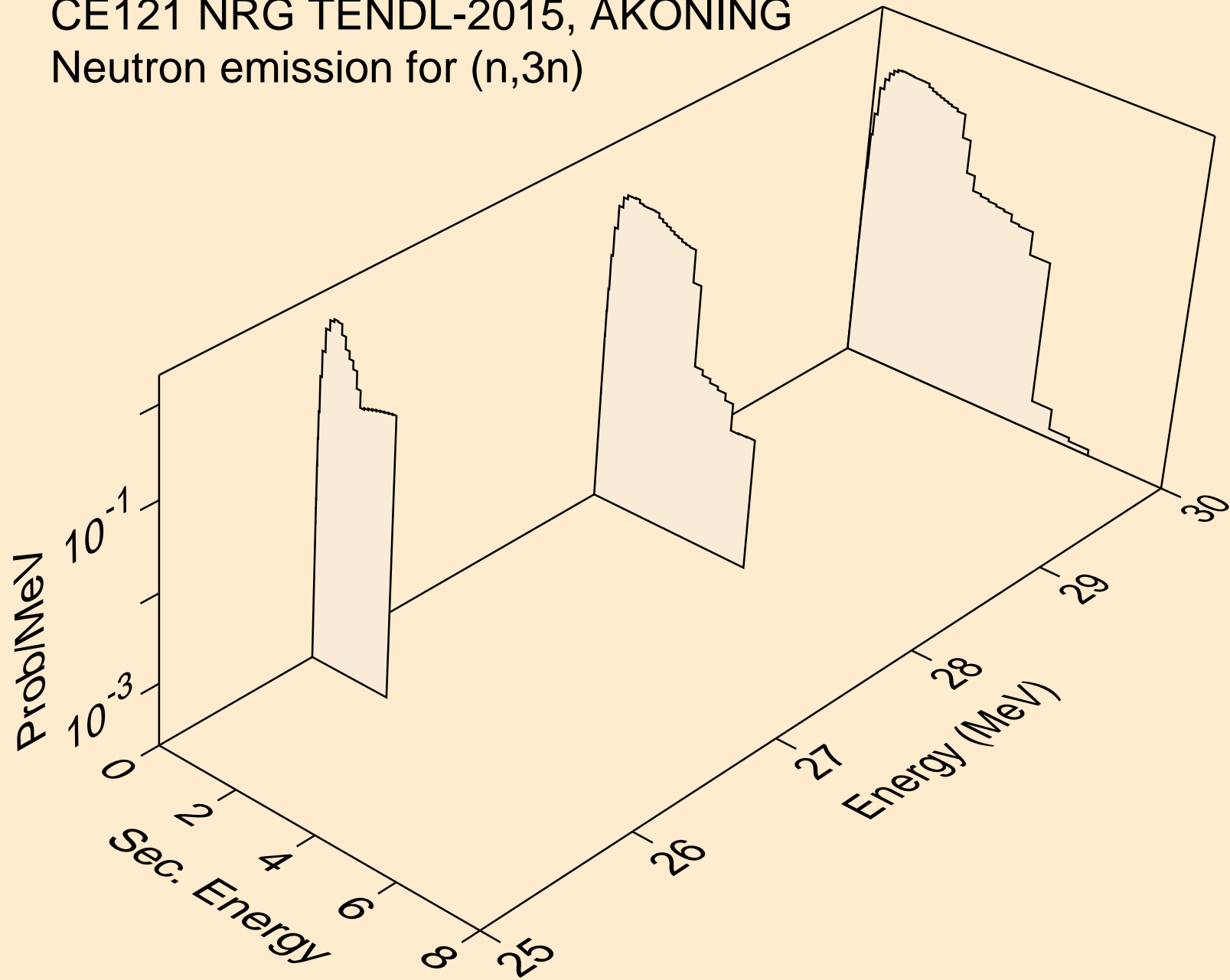




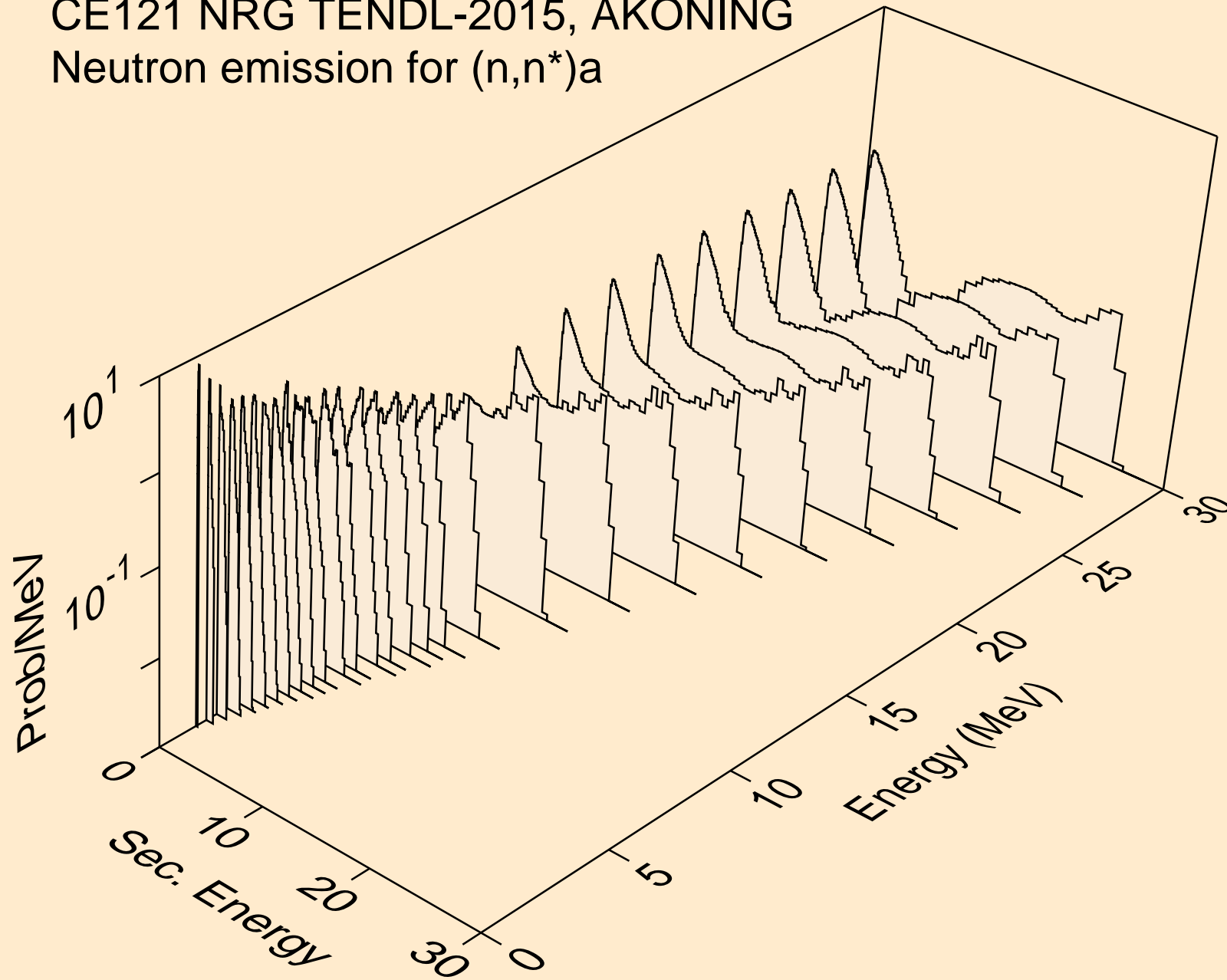
CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



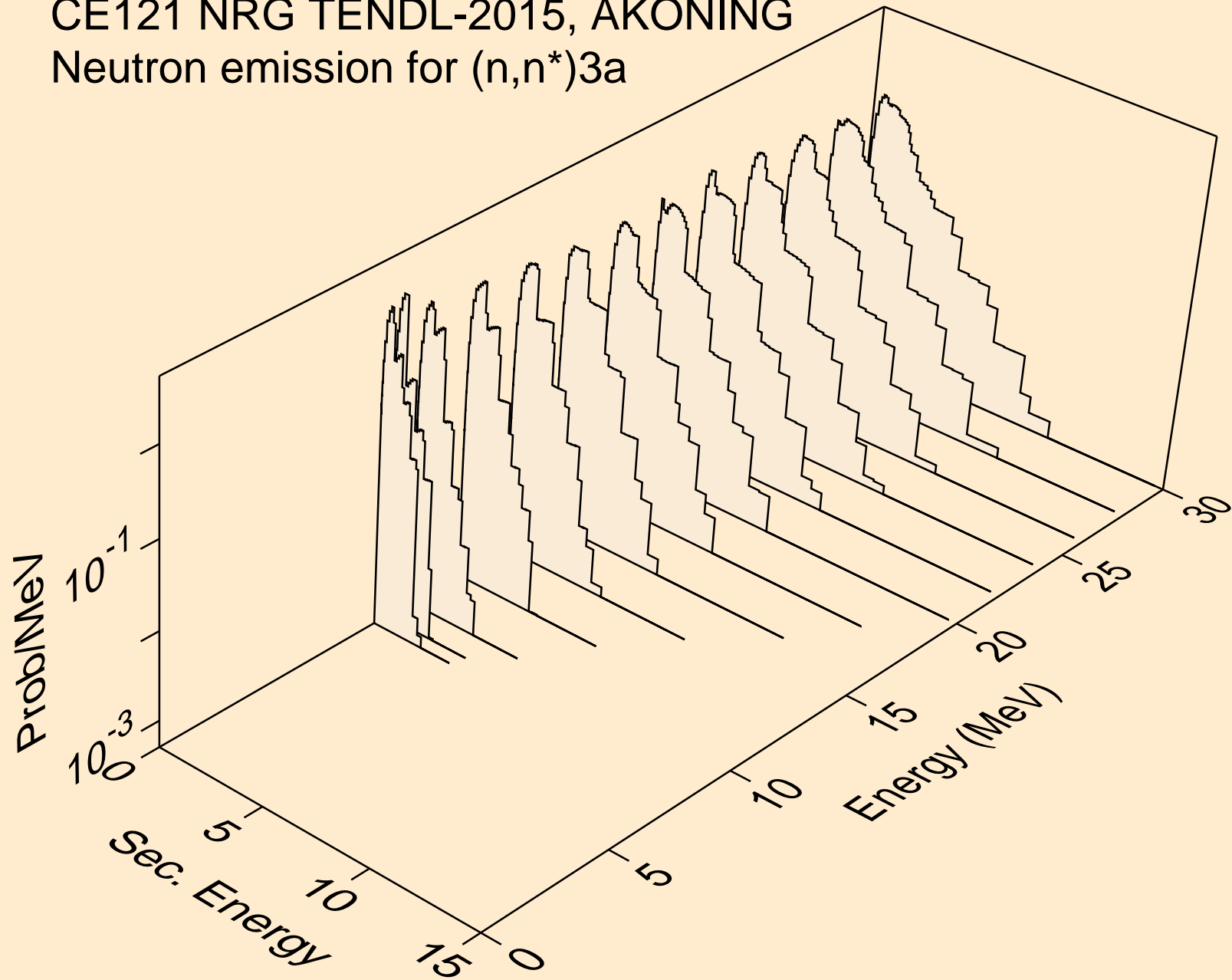
CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



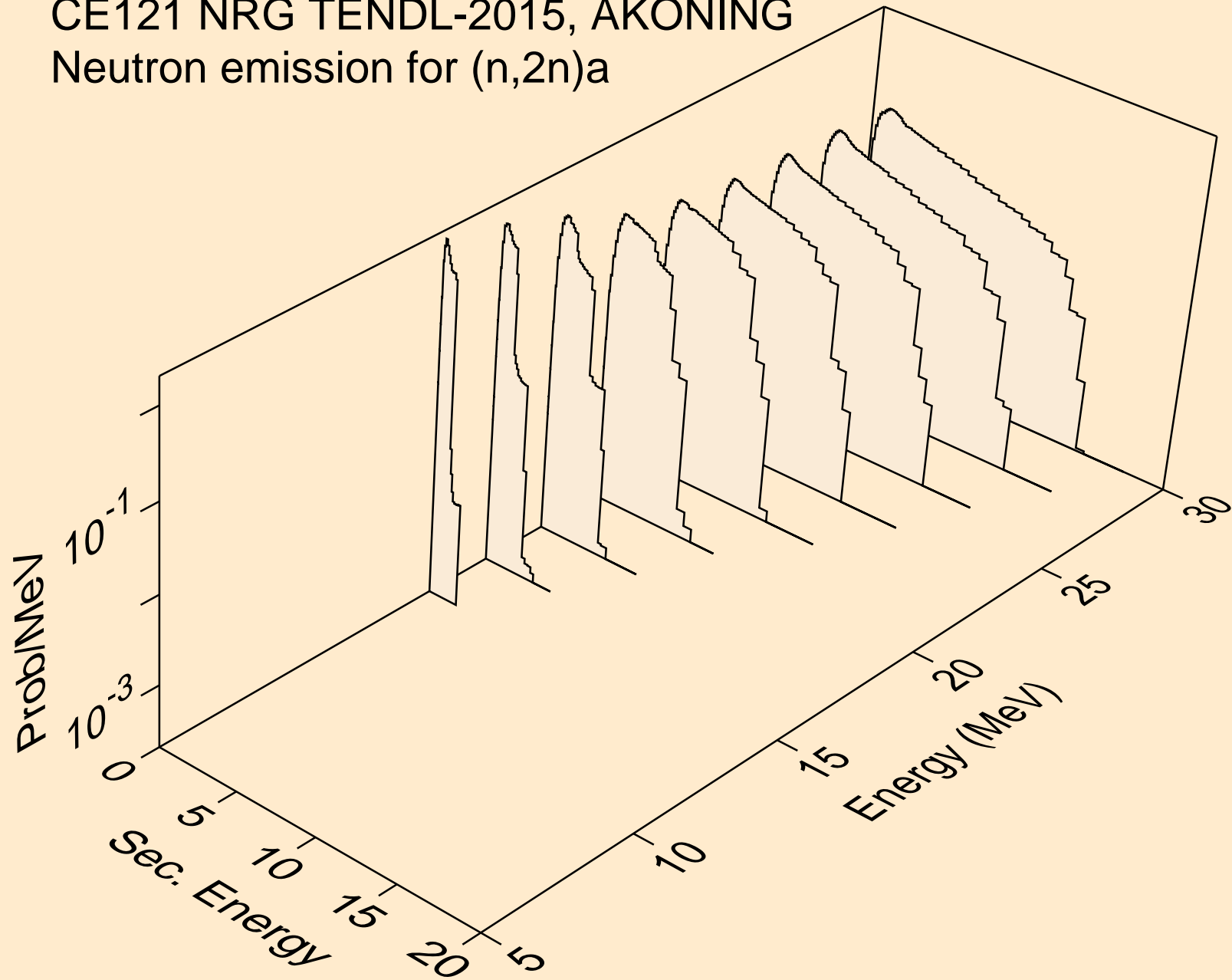
CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



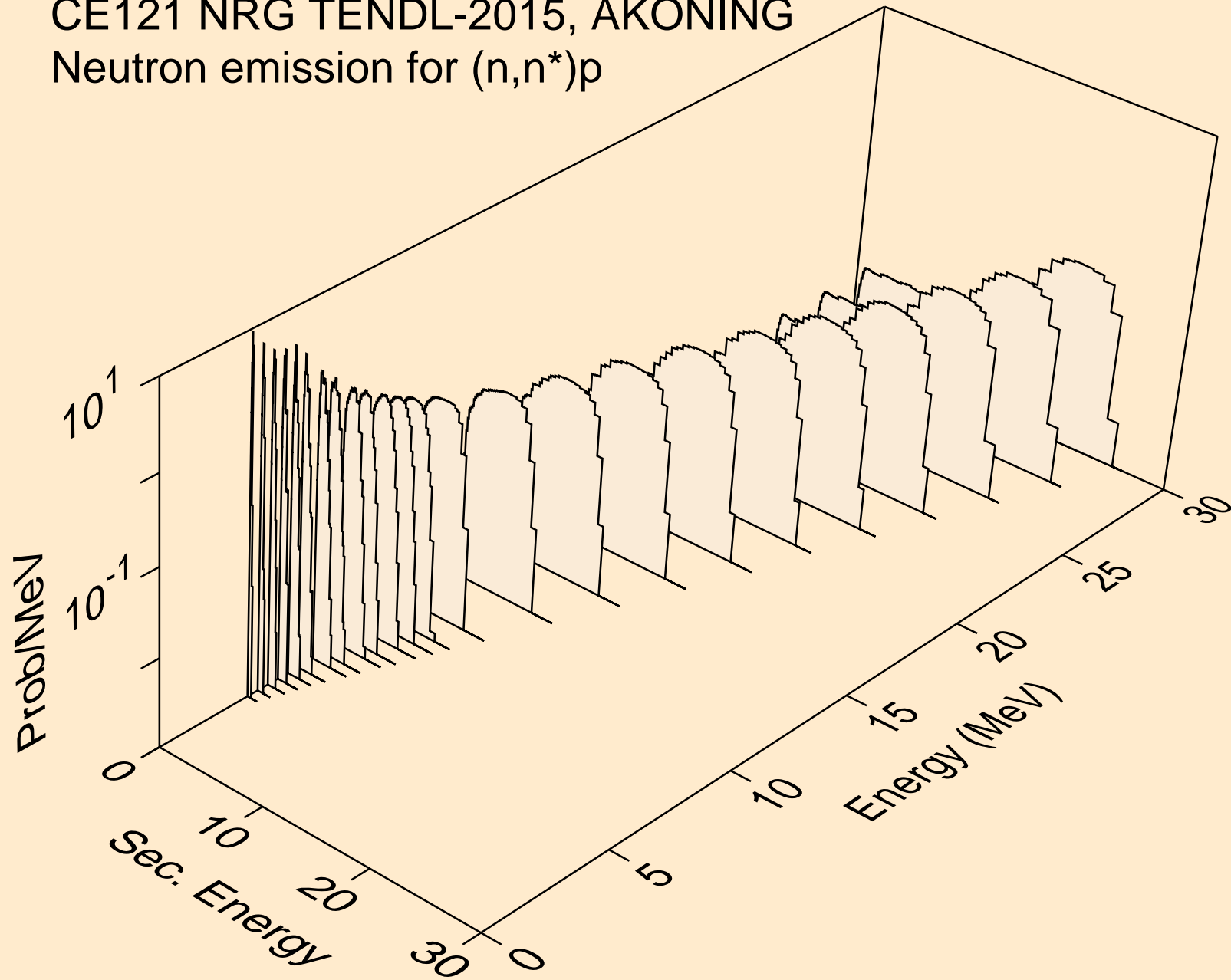
CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



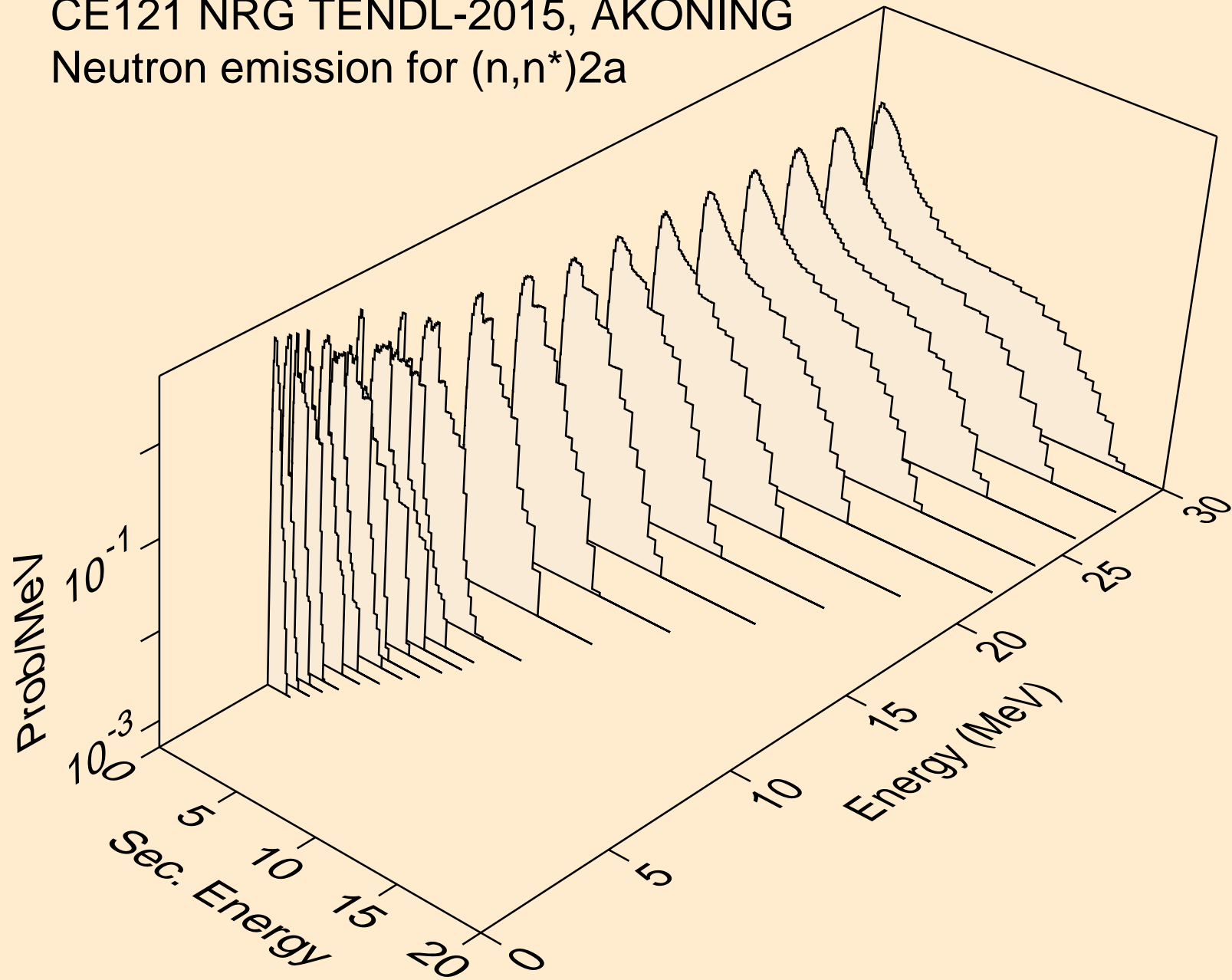
CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>



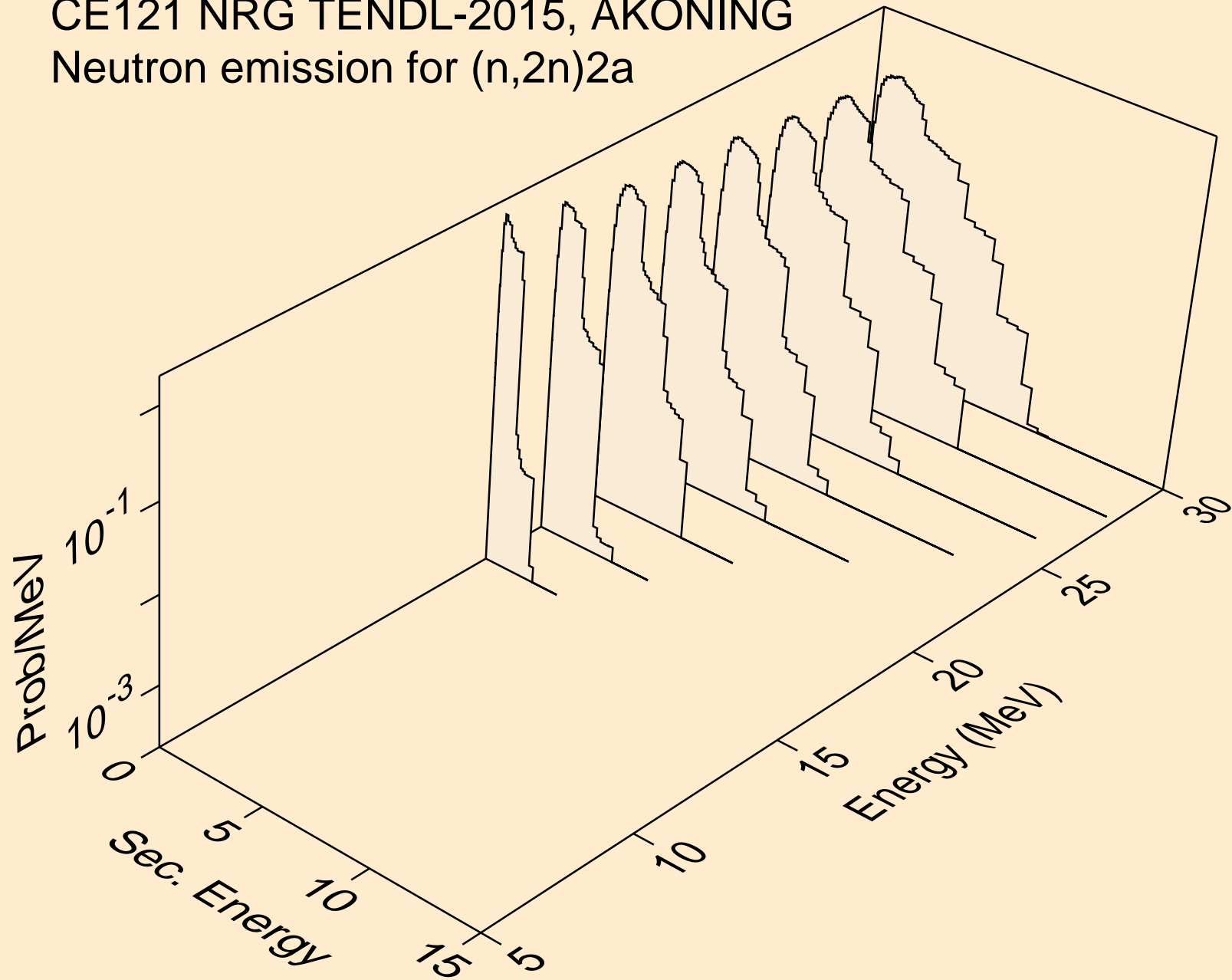
CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

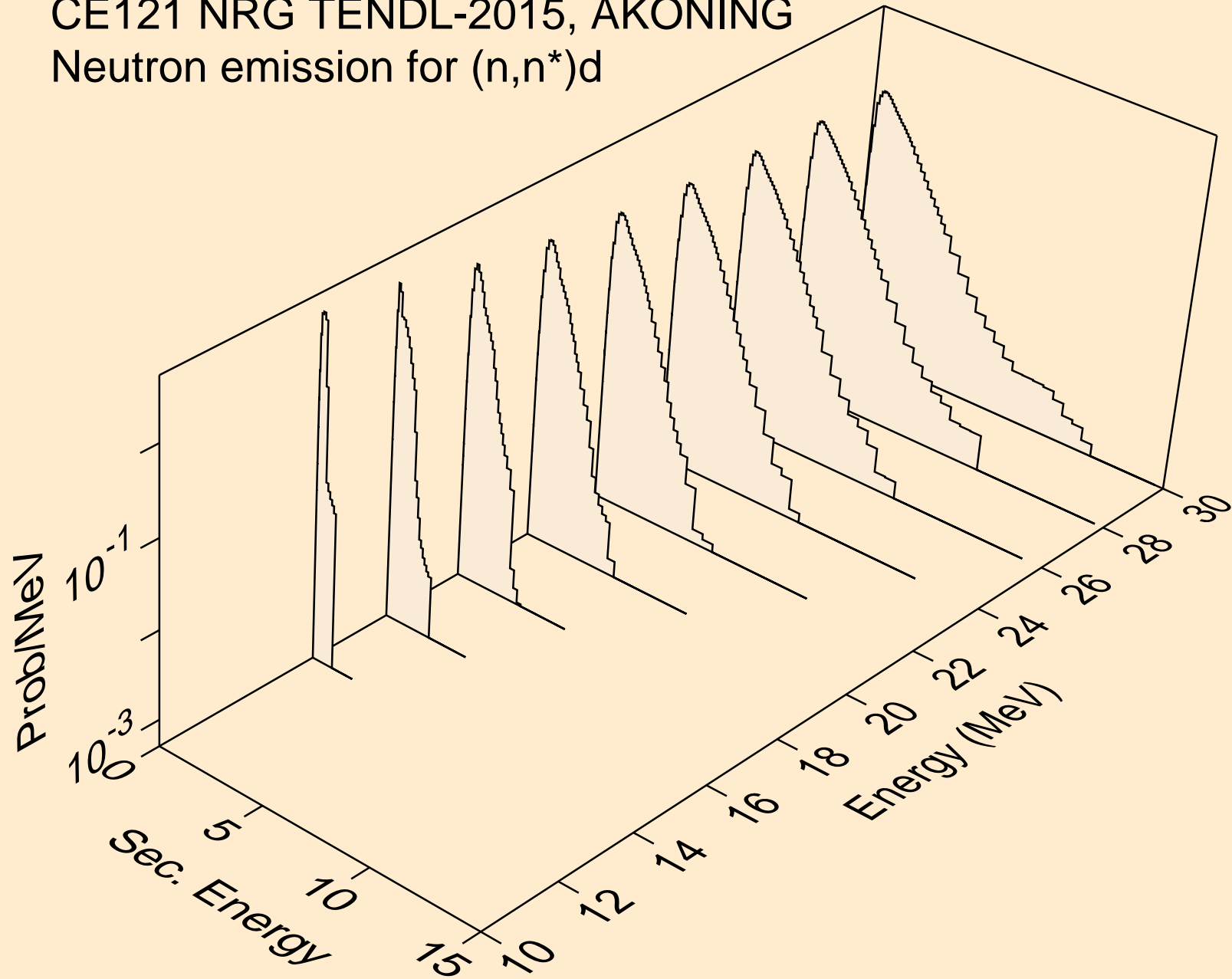


CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

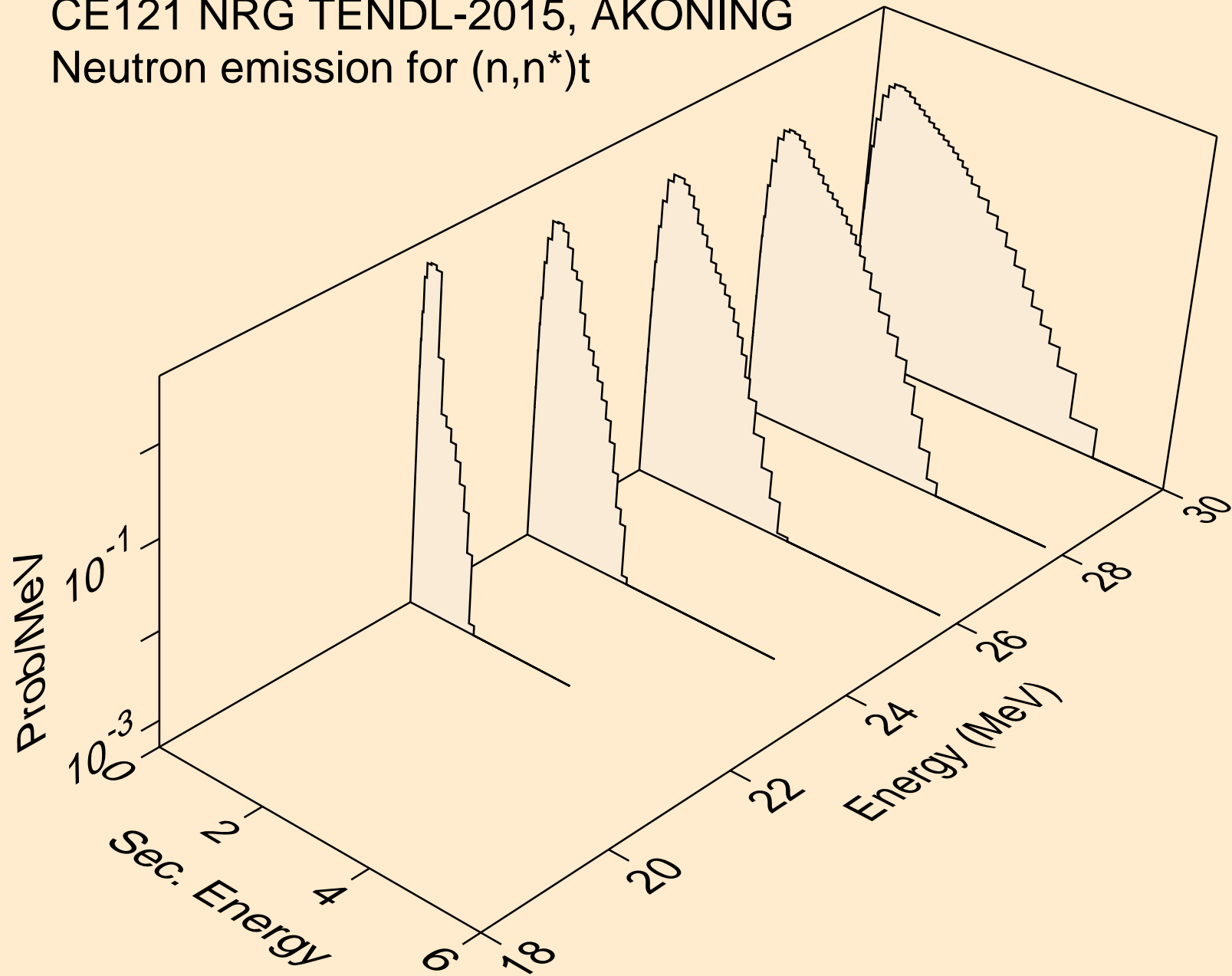




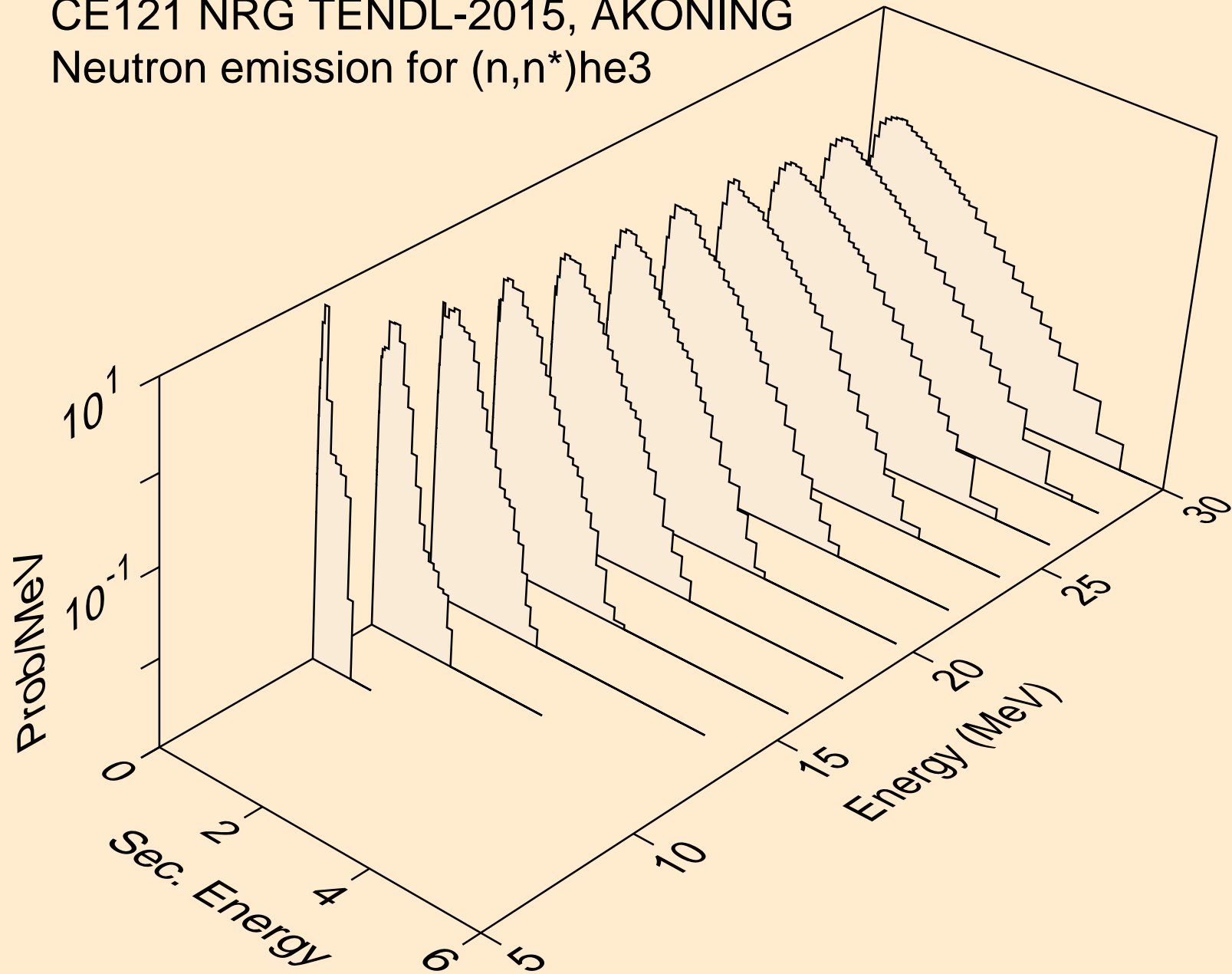
CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



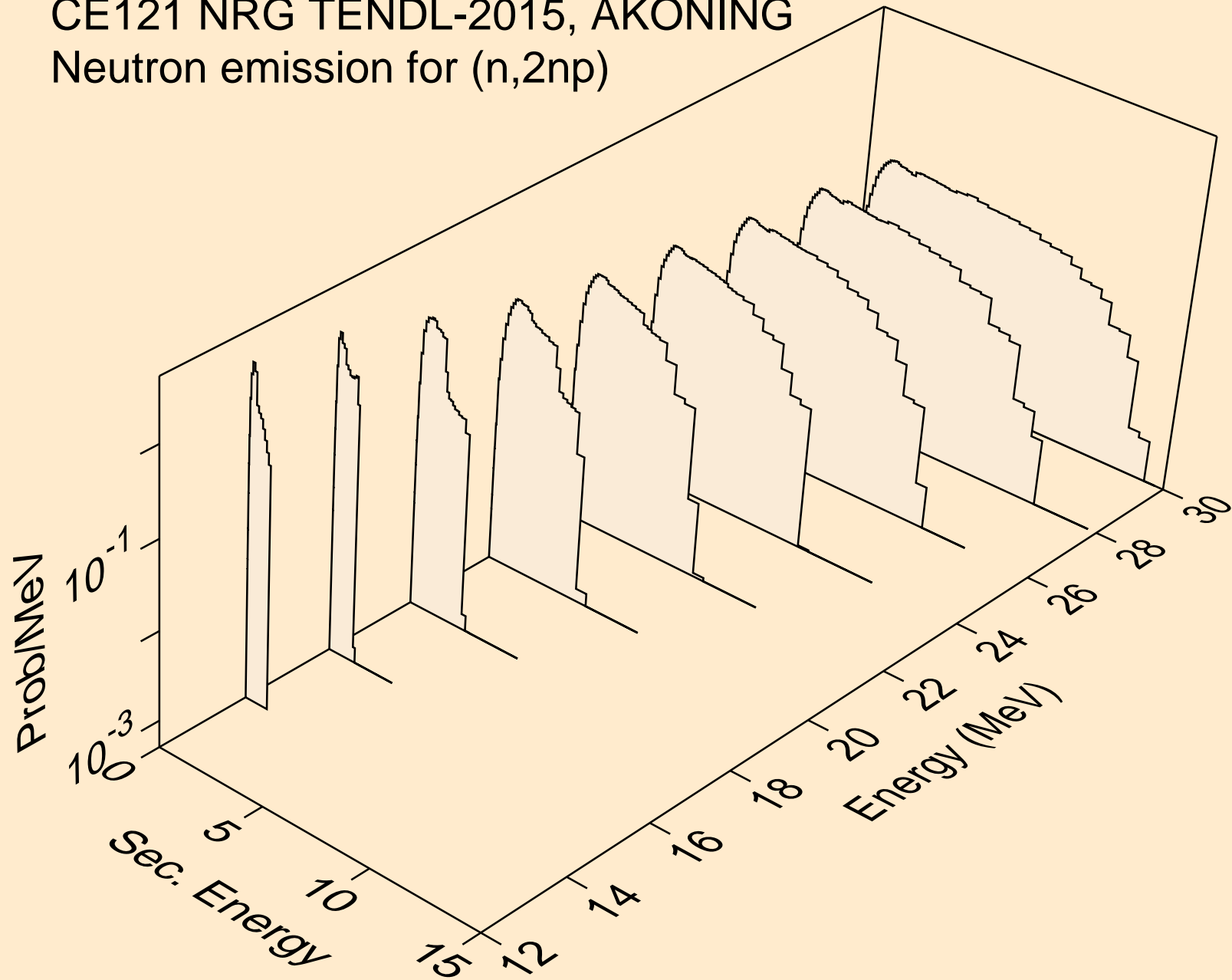
CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



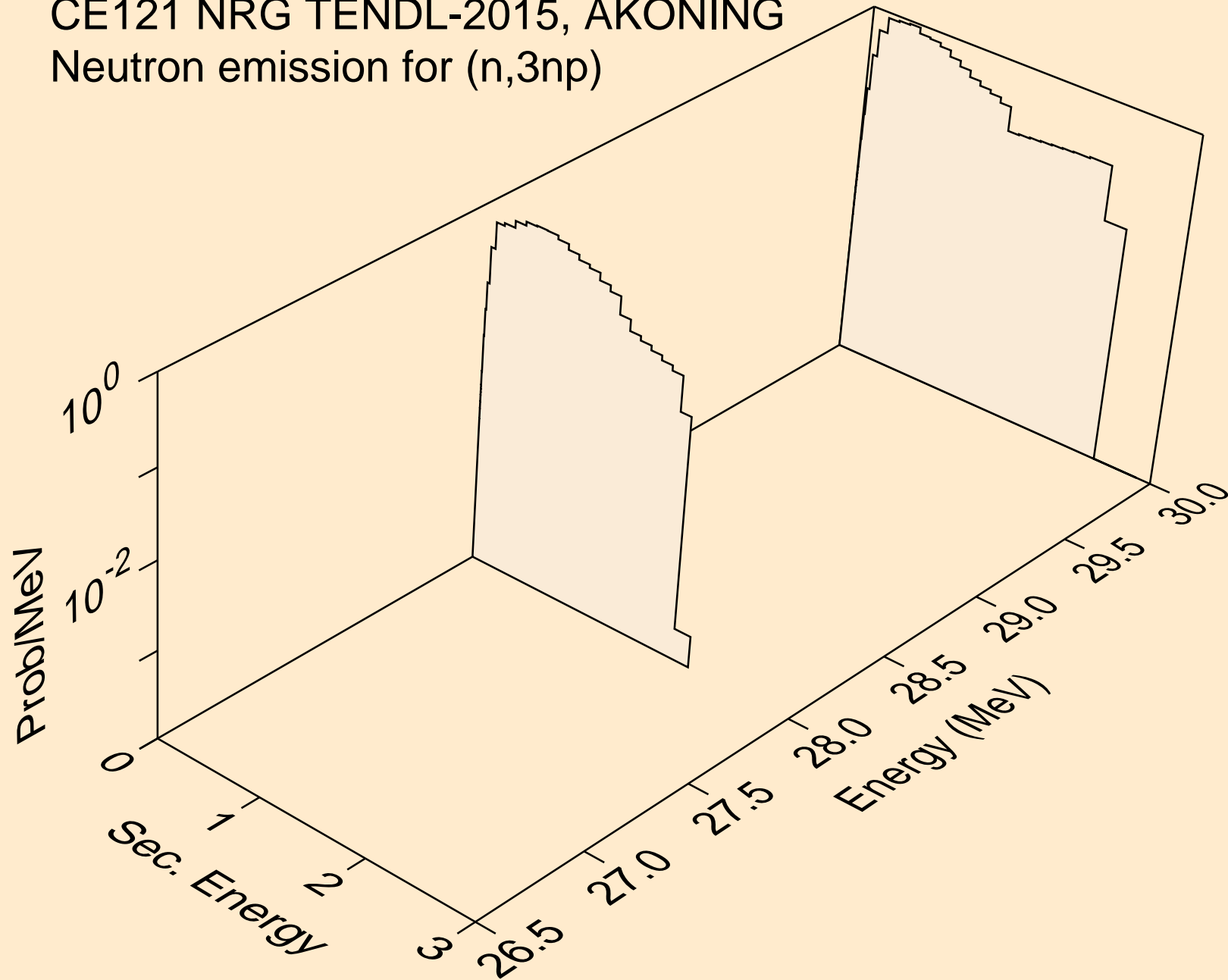
CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



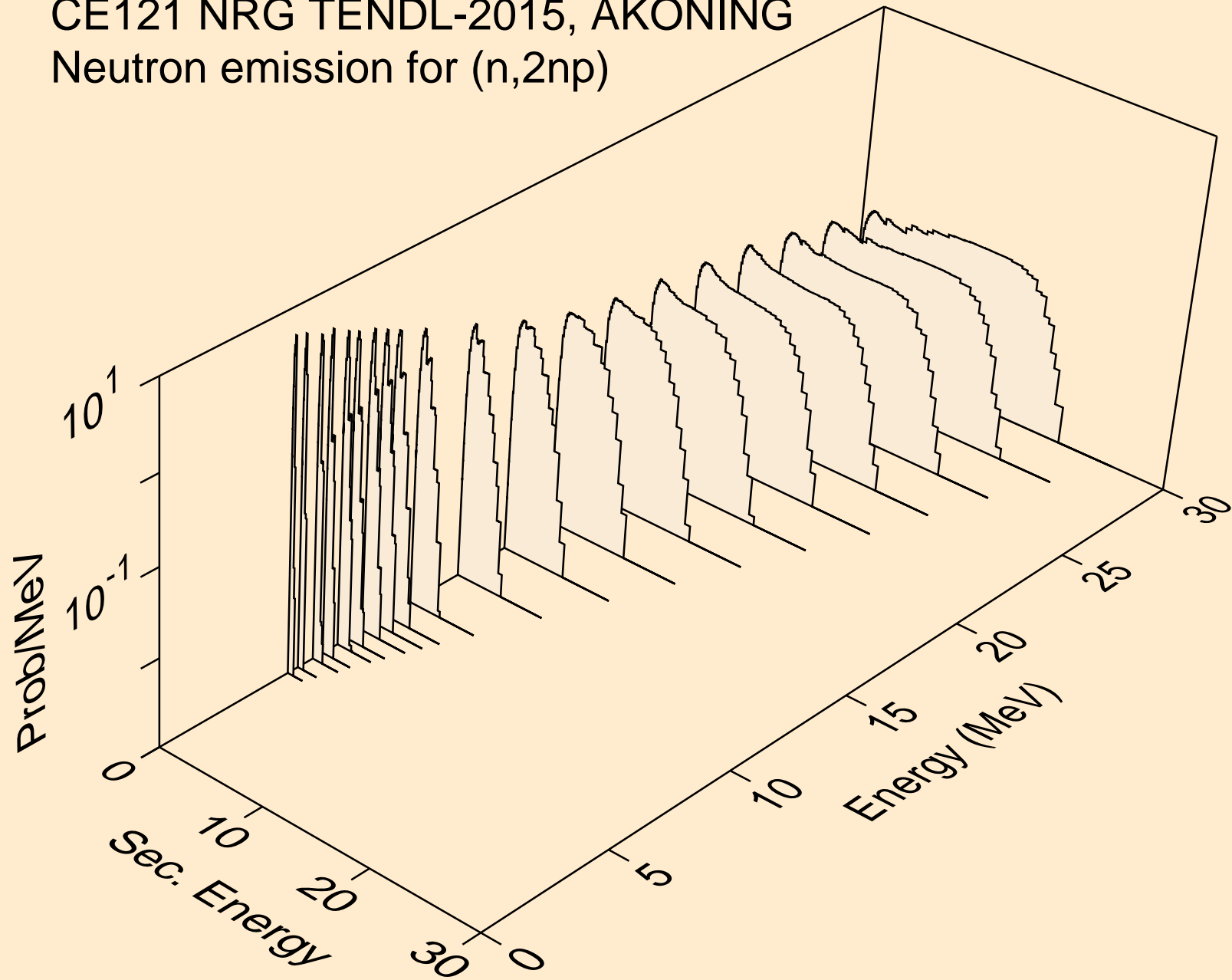
CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



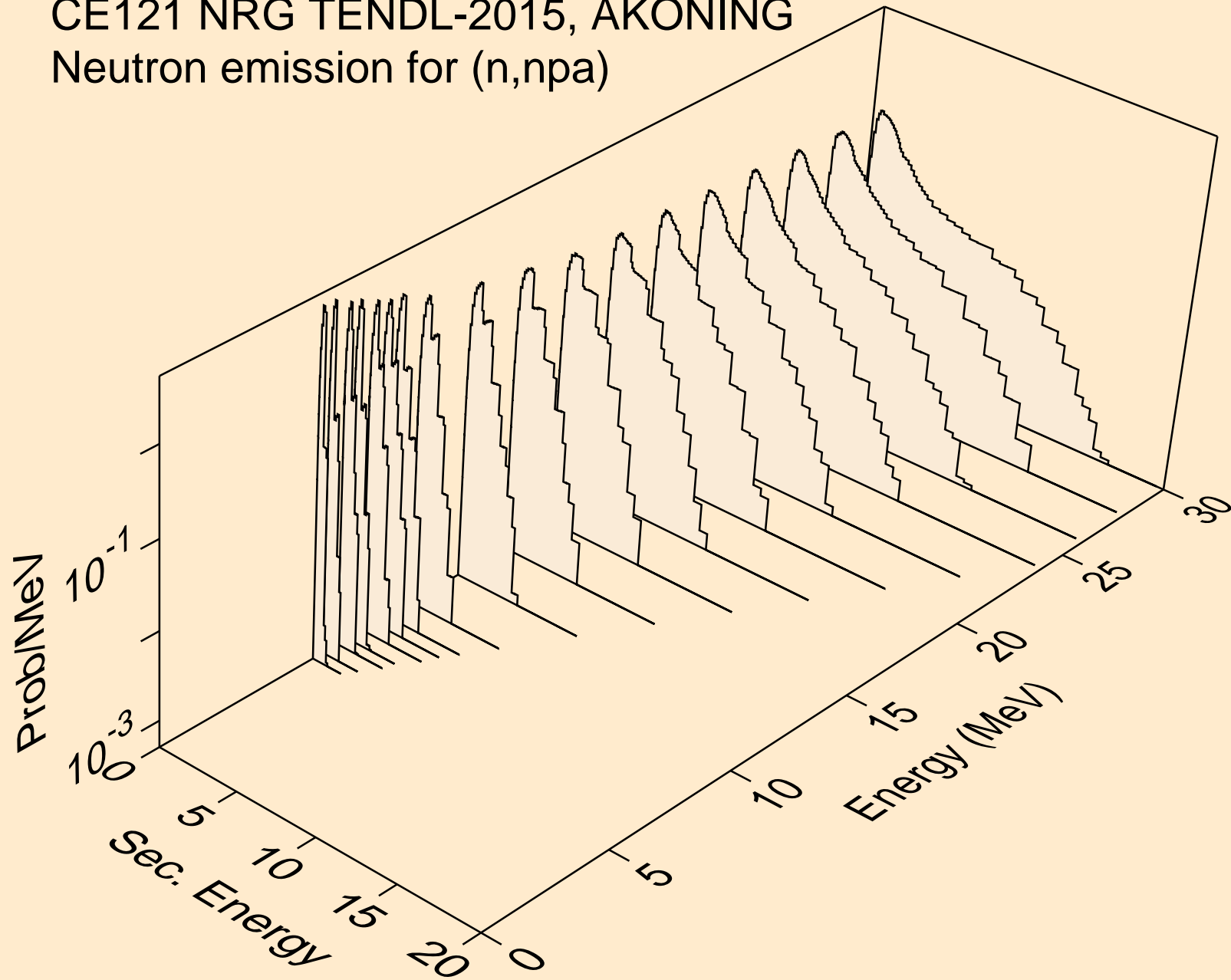
CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



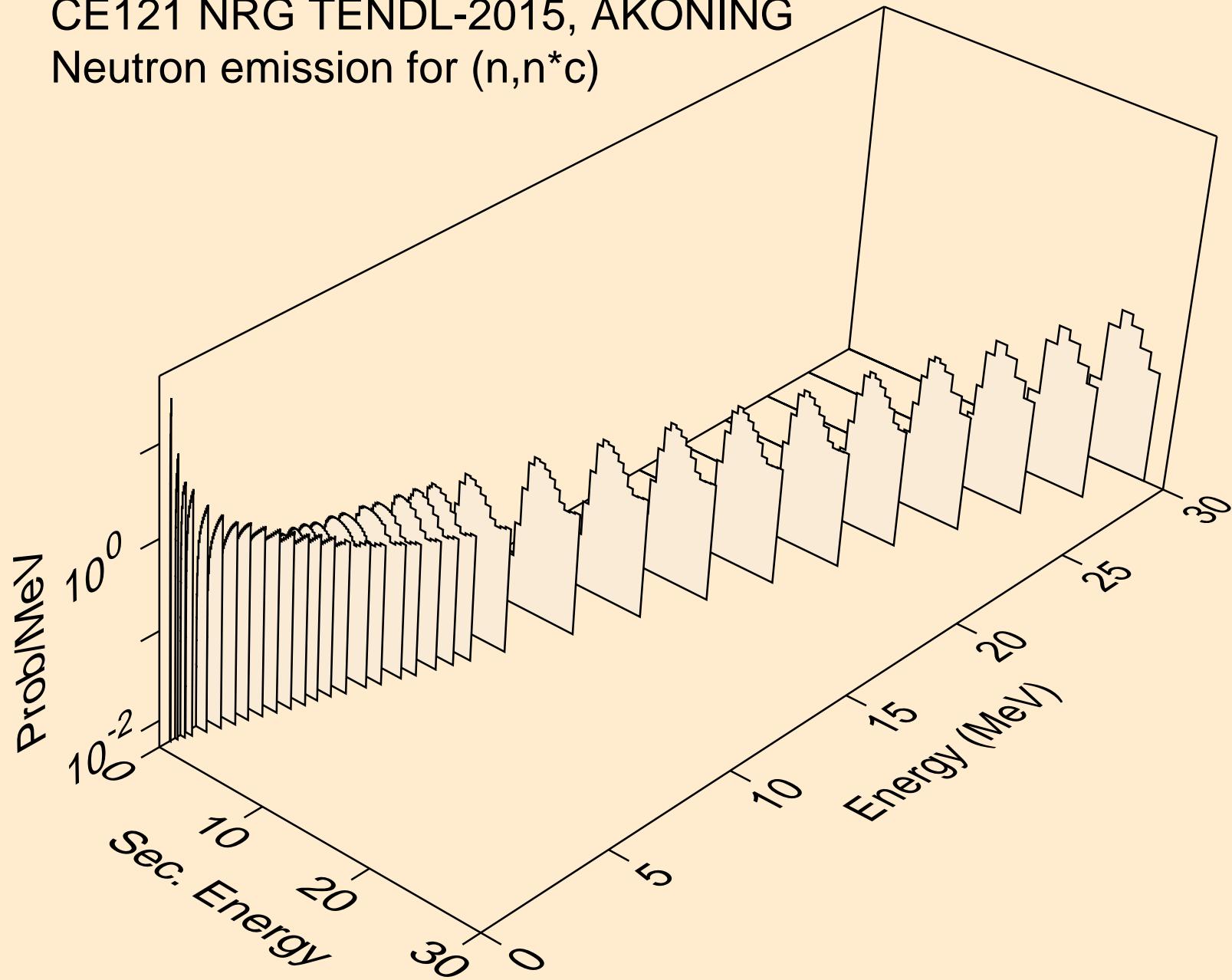
CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

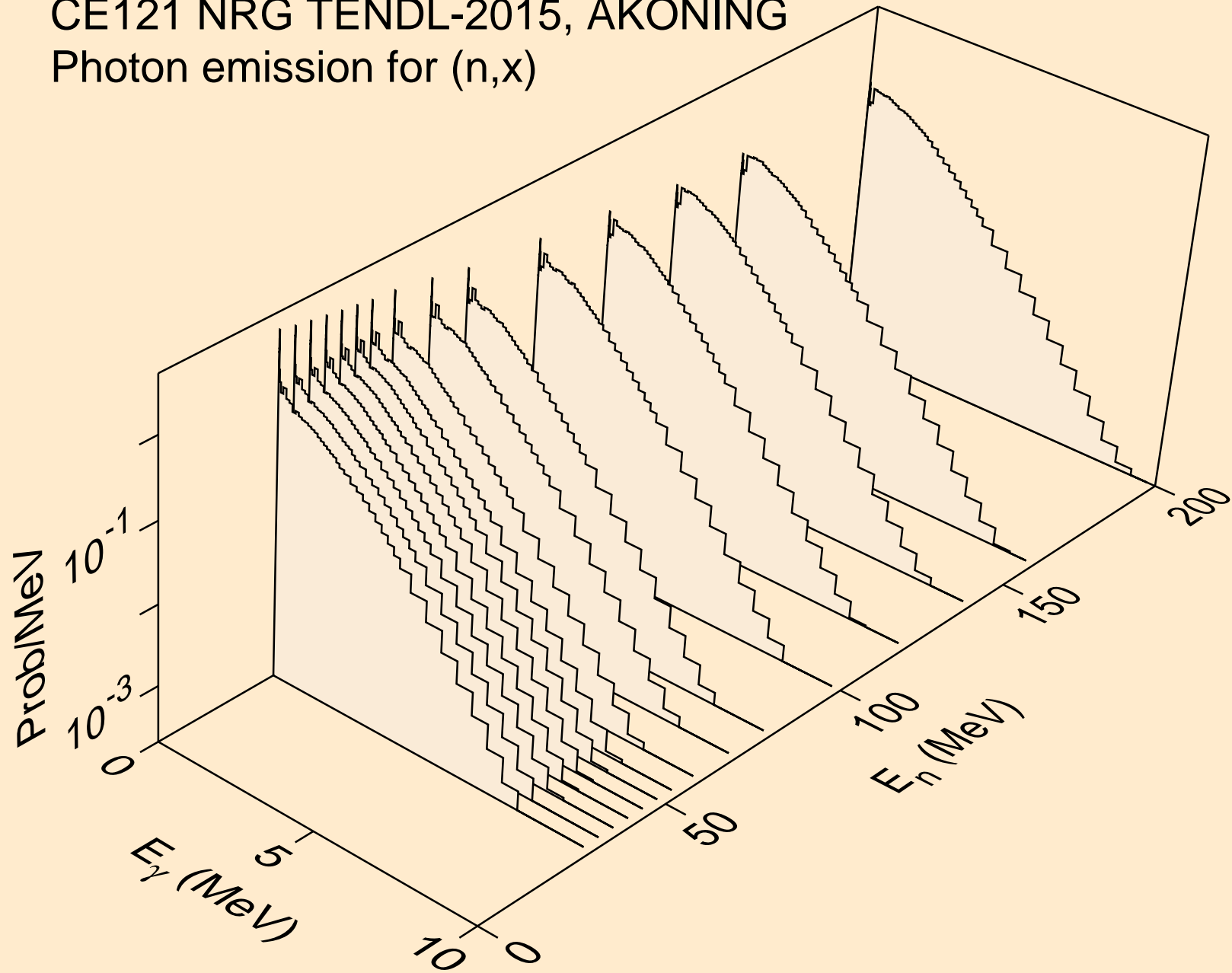


CE121 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

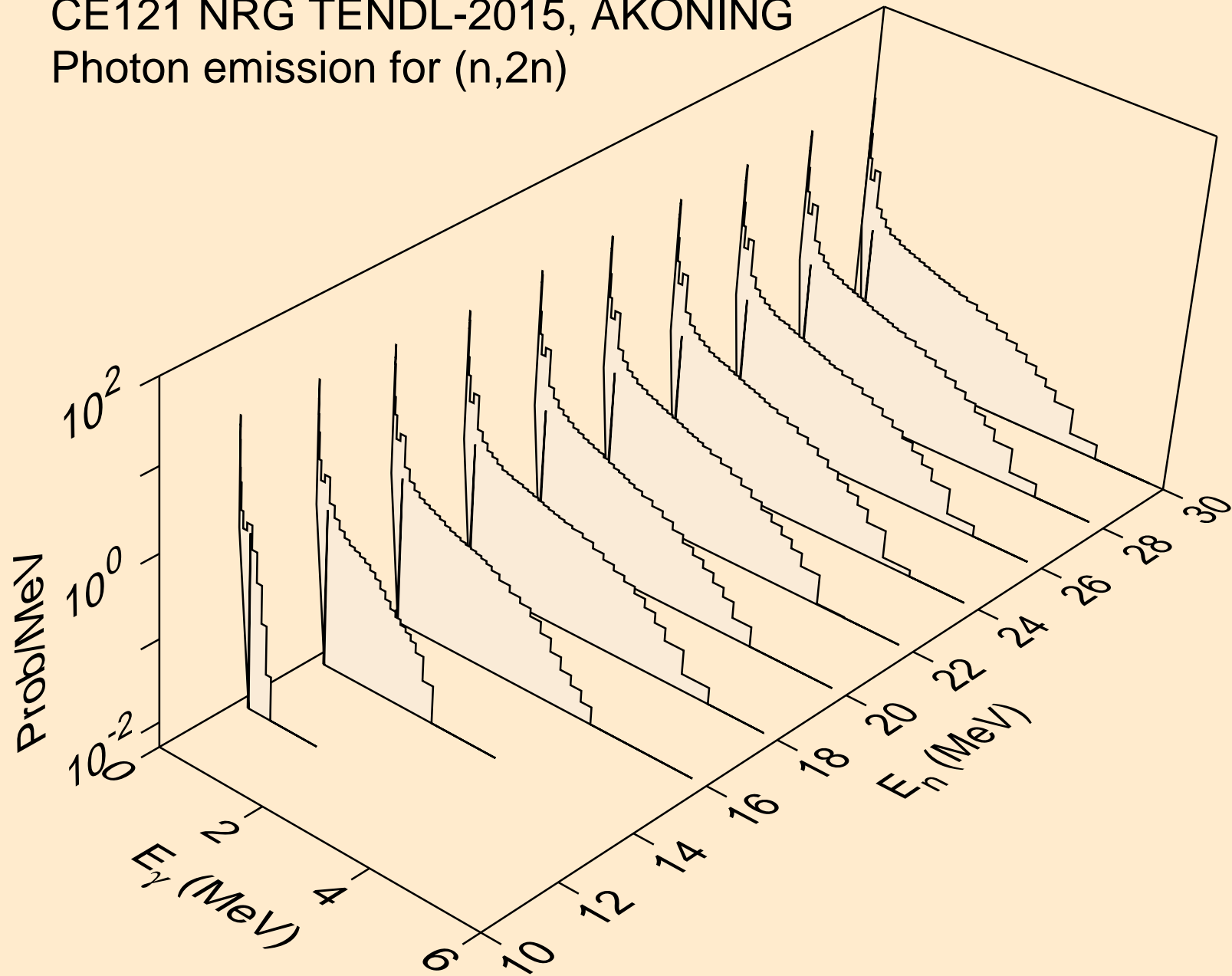




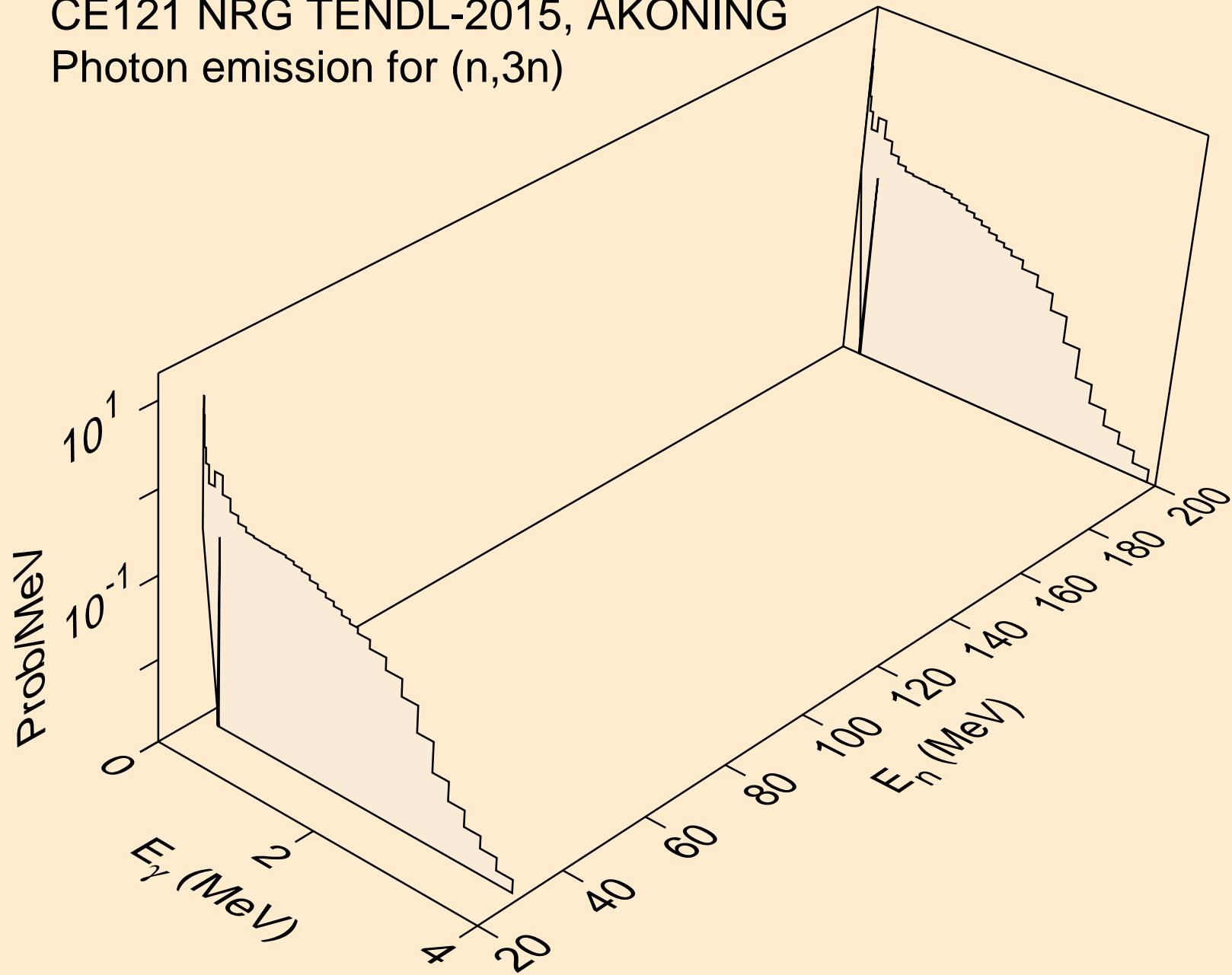
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

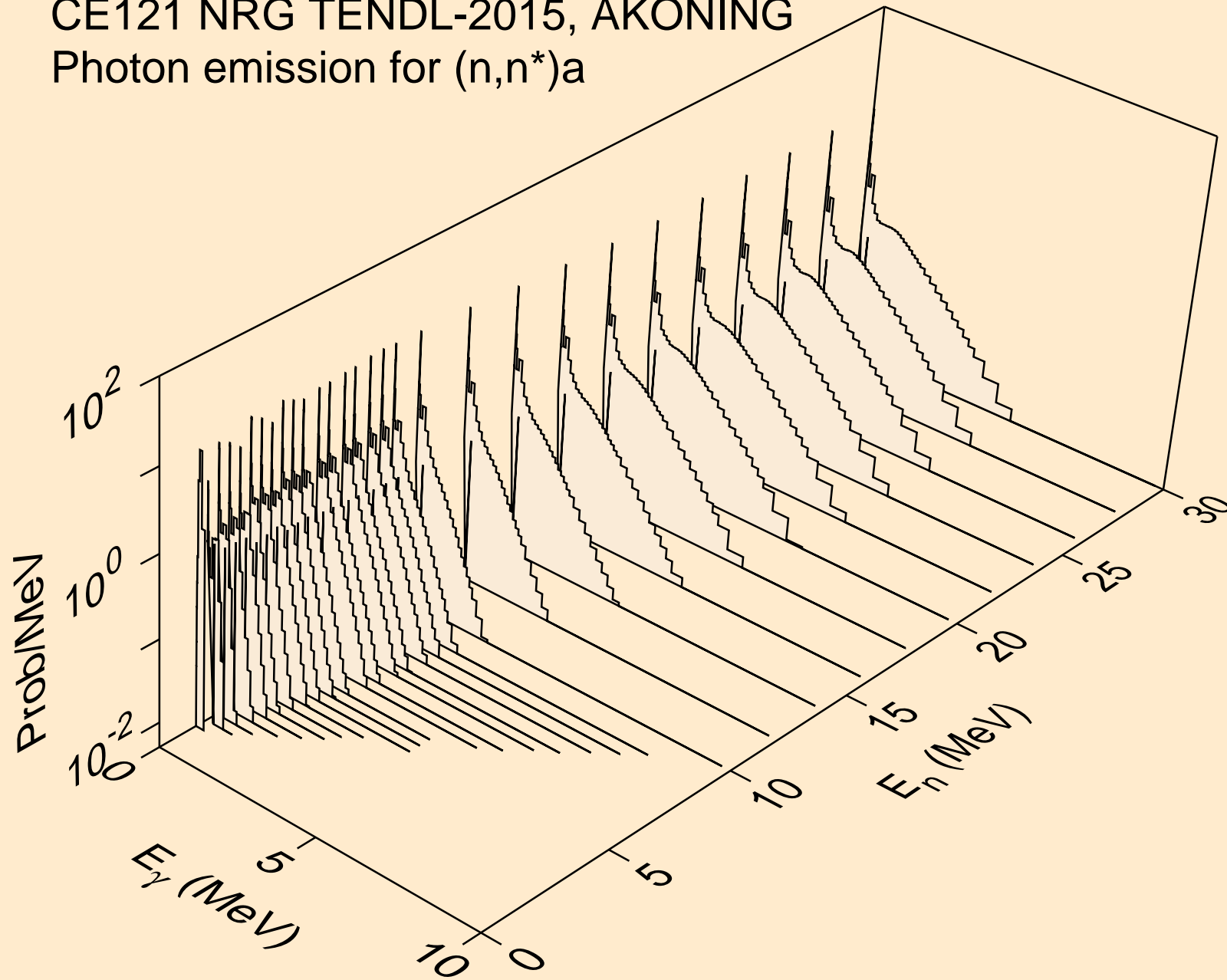


CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

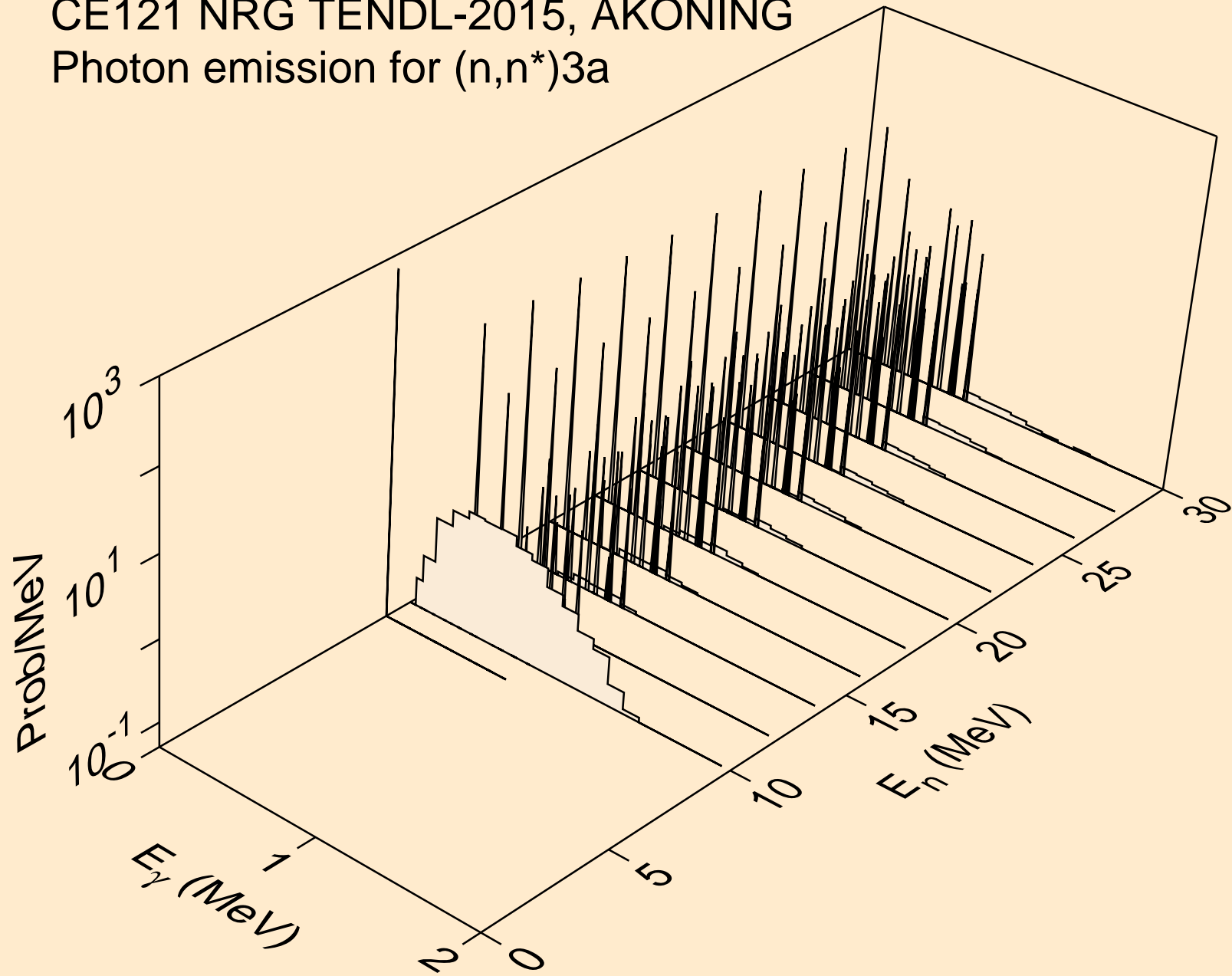


# CE121 NRG TENDL-2015, AKONING

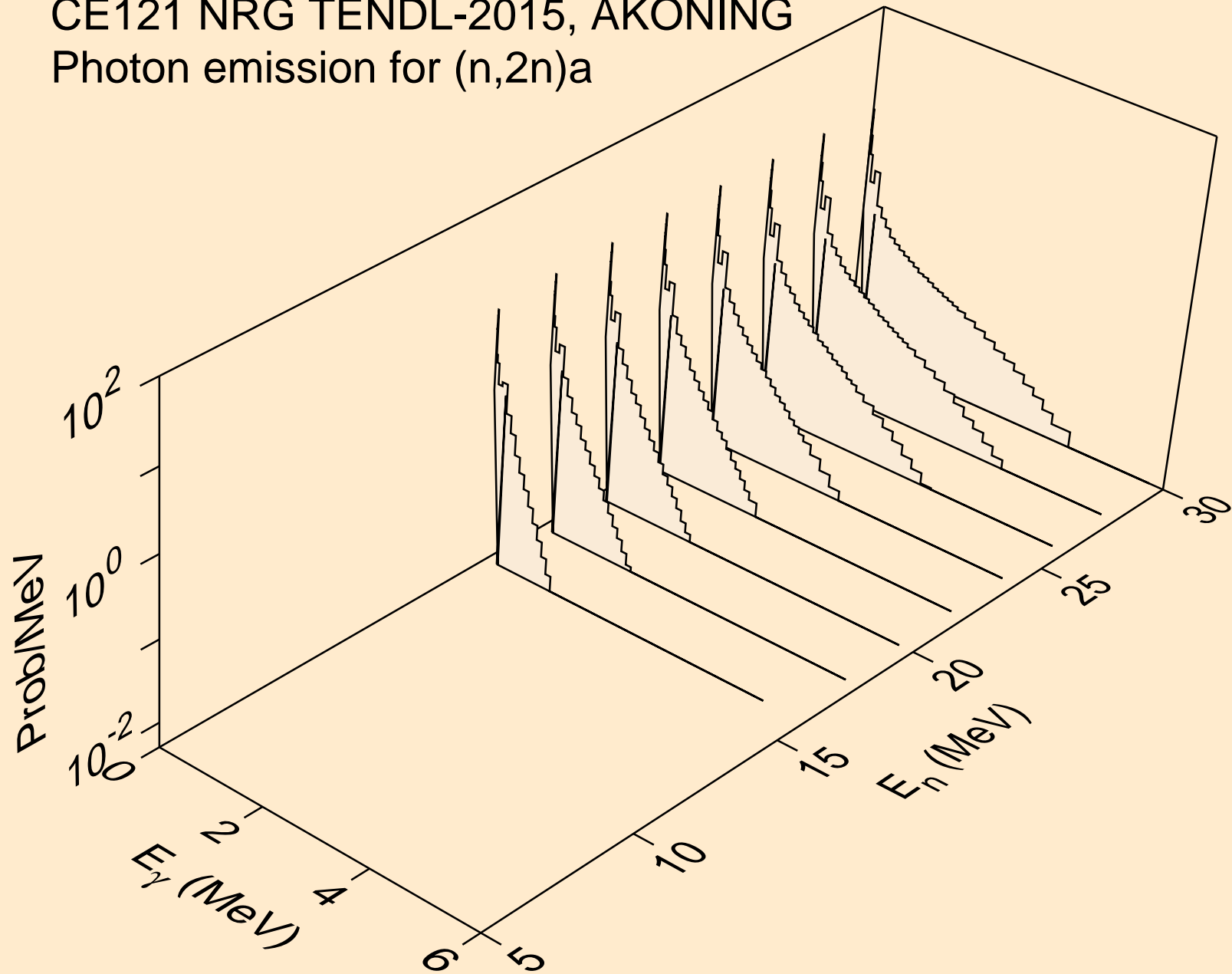
Photon emission for (n,n\*)a



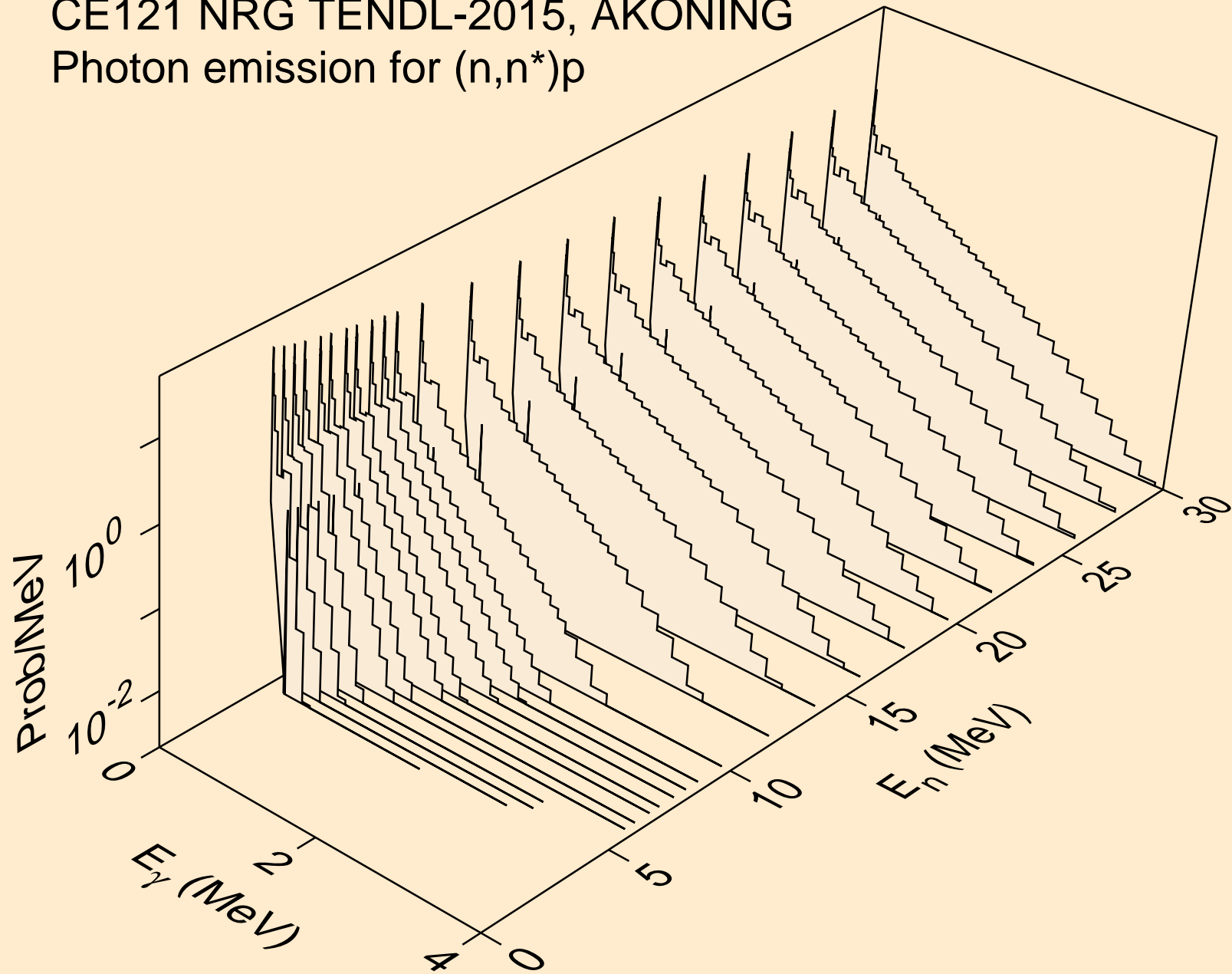
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



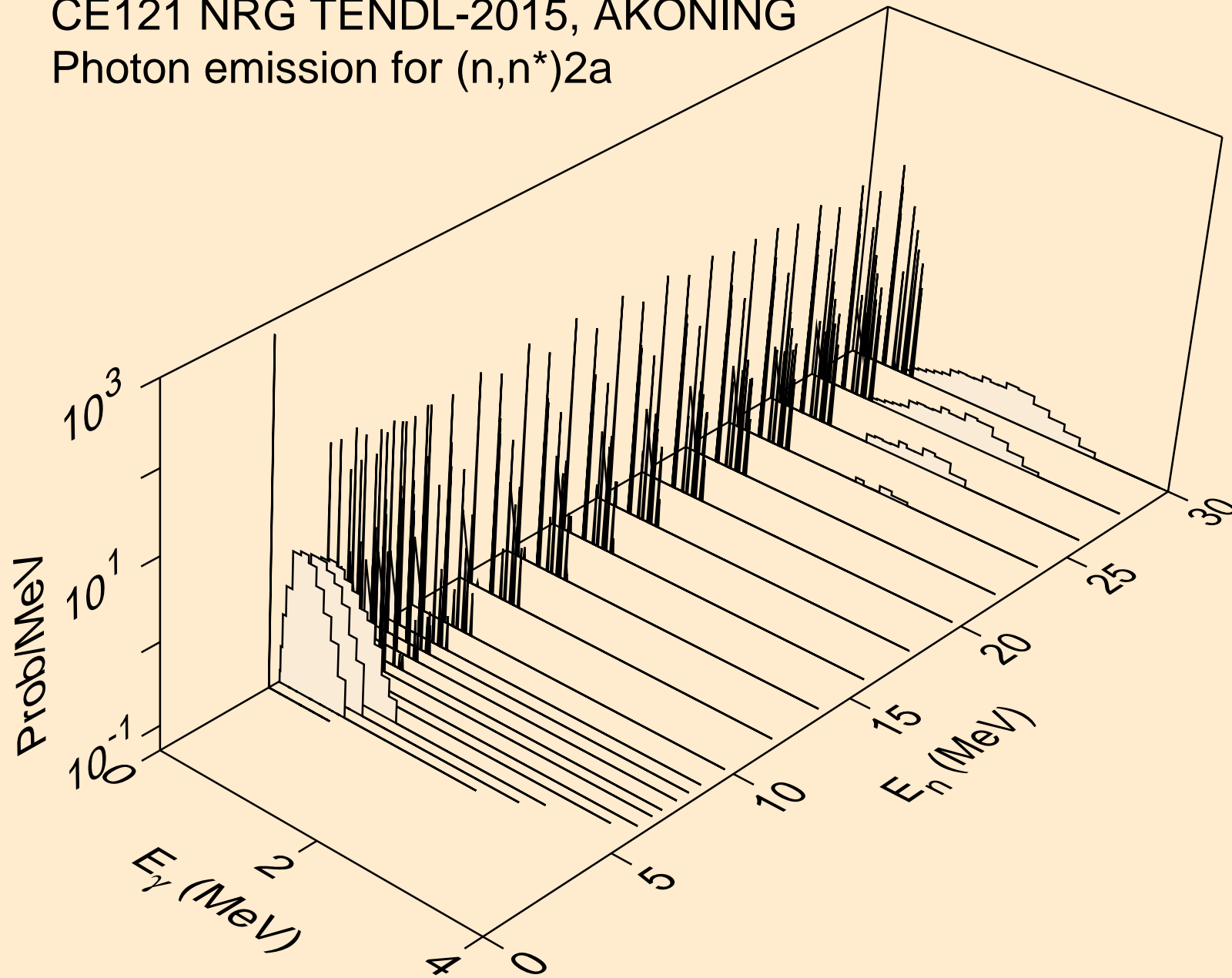
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

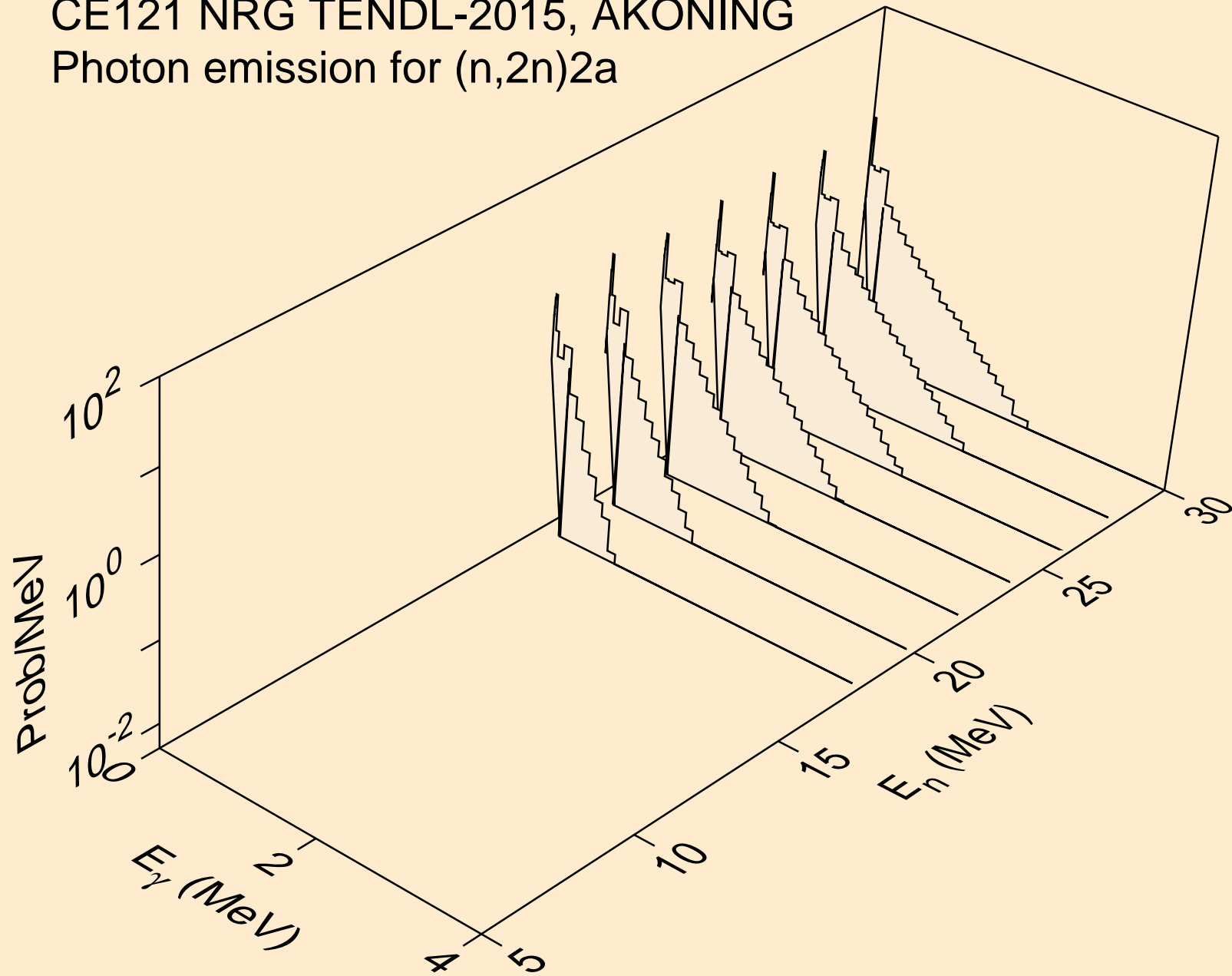


CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

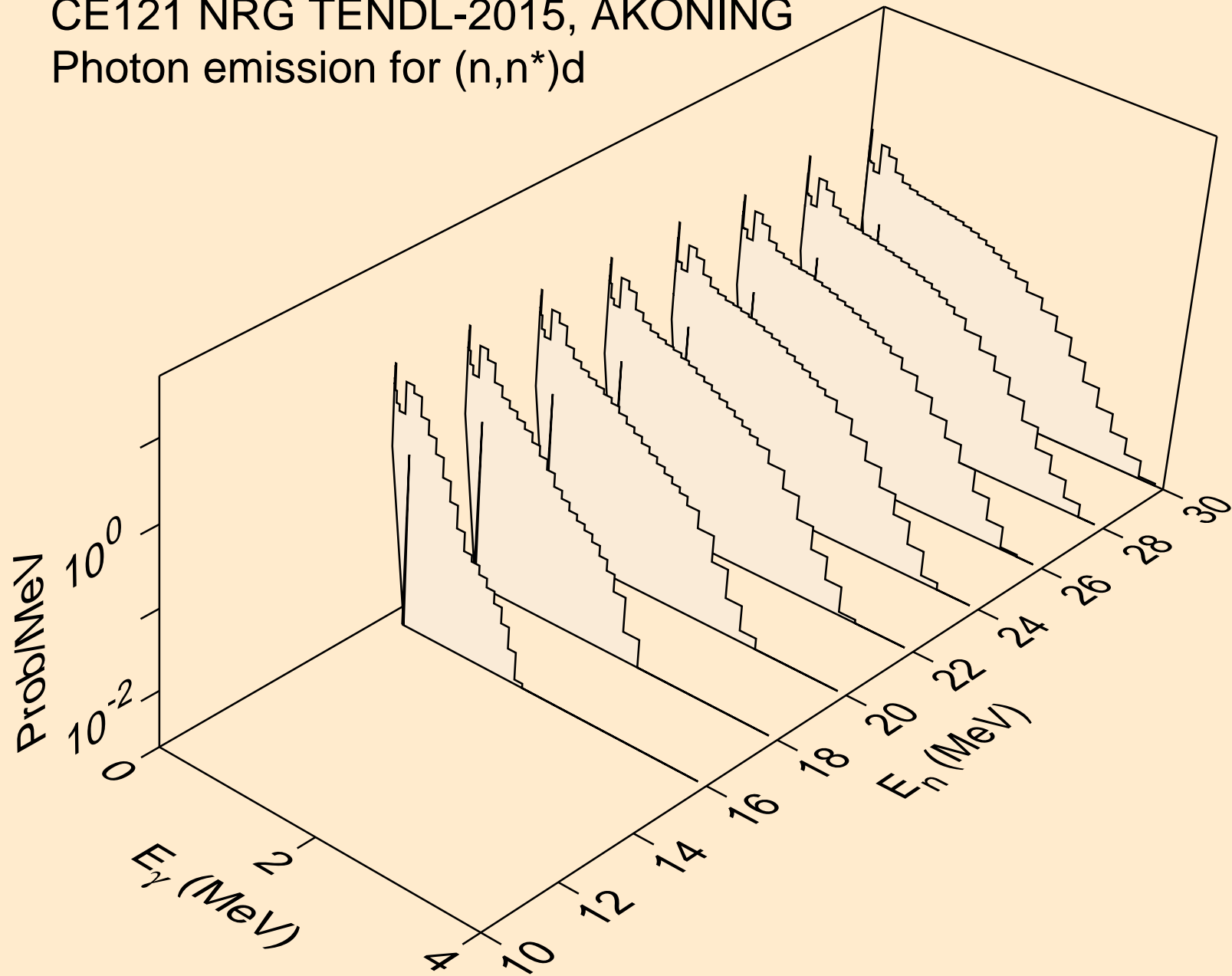




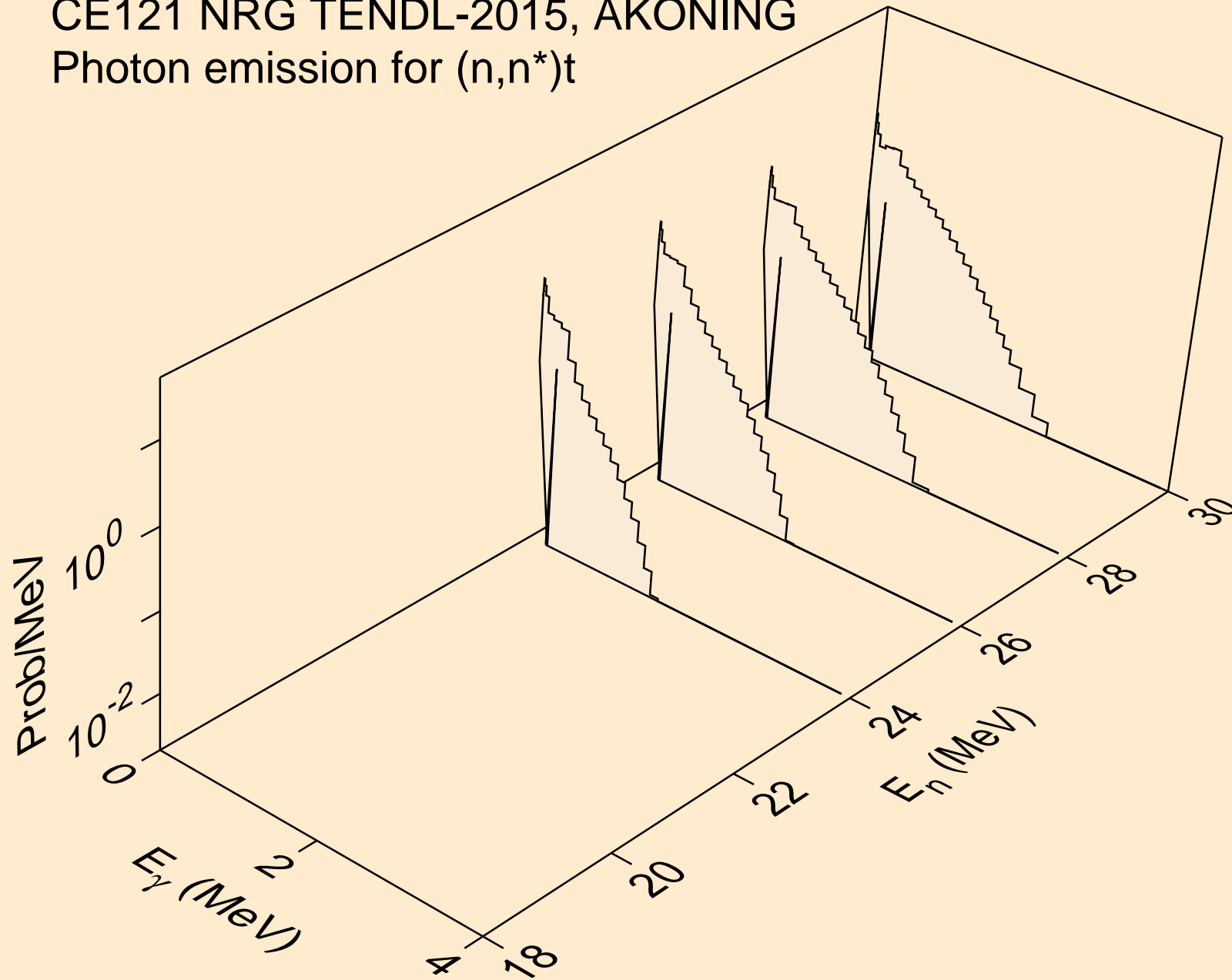
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



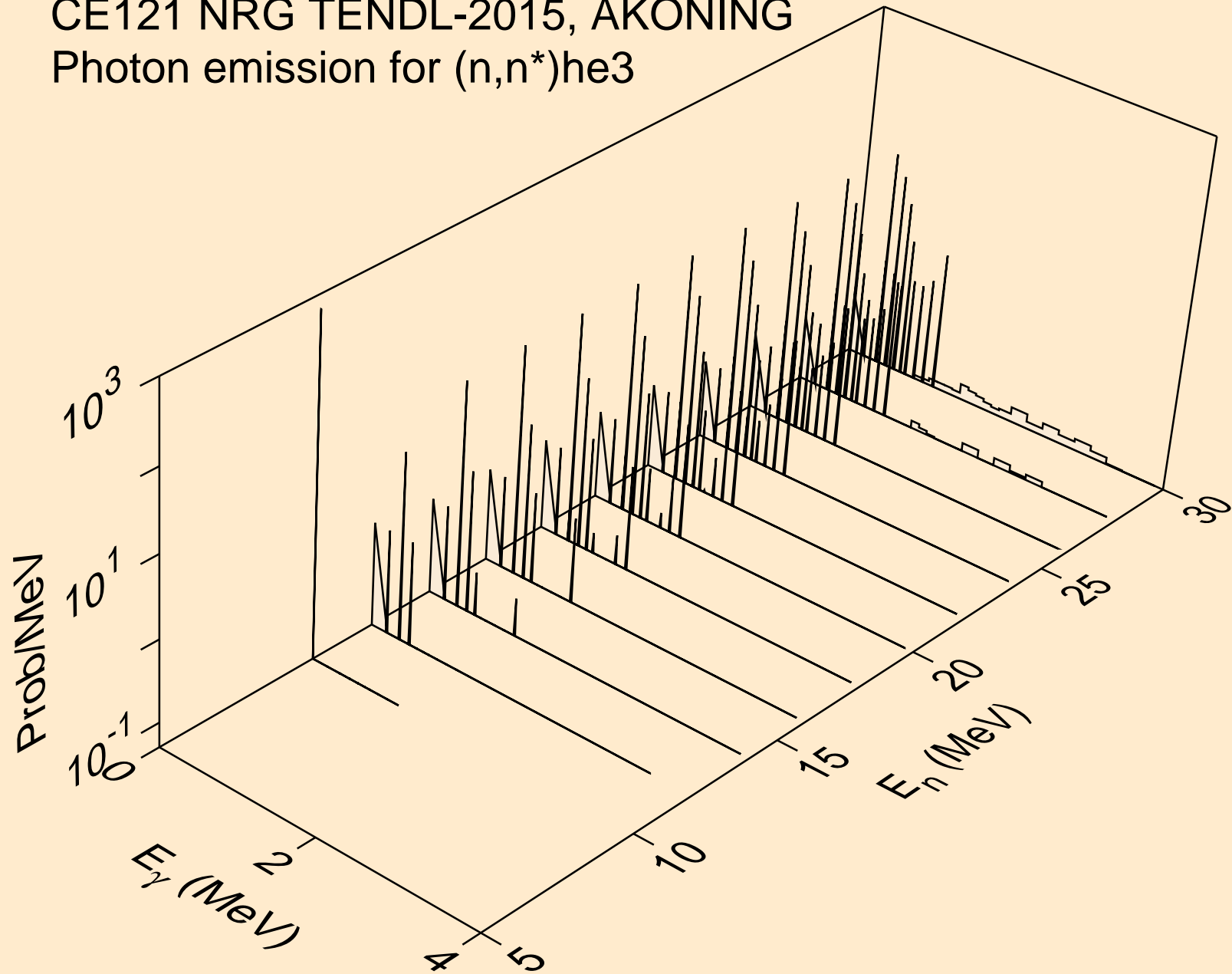
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



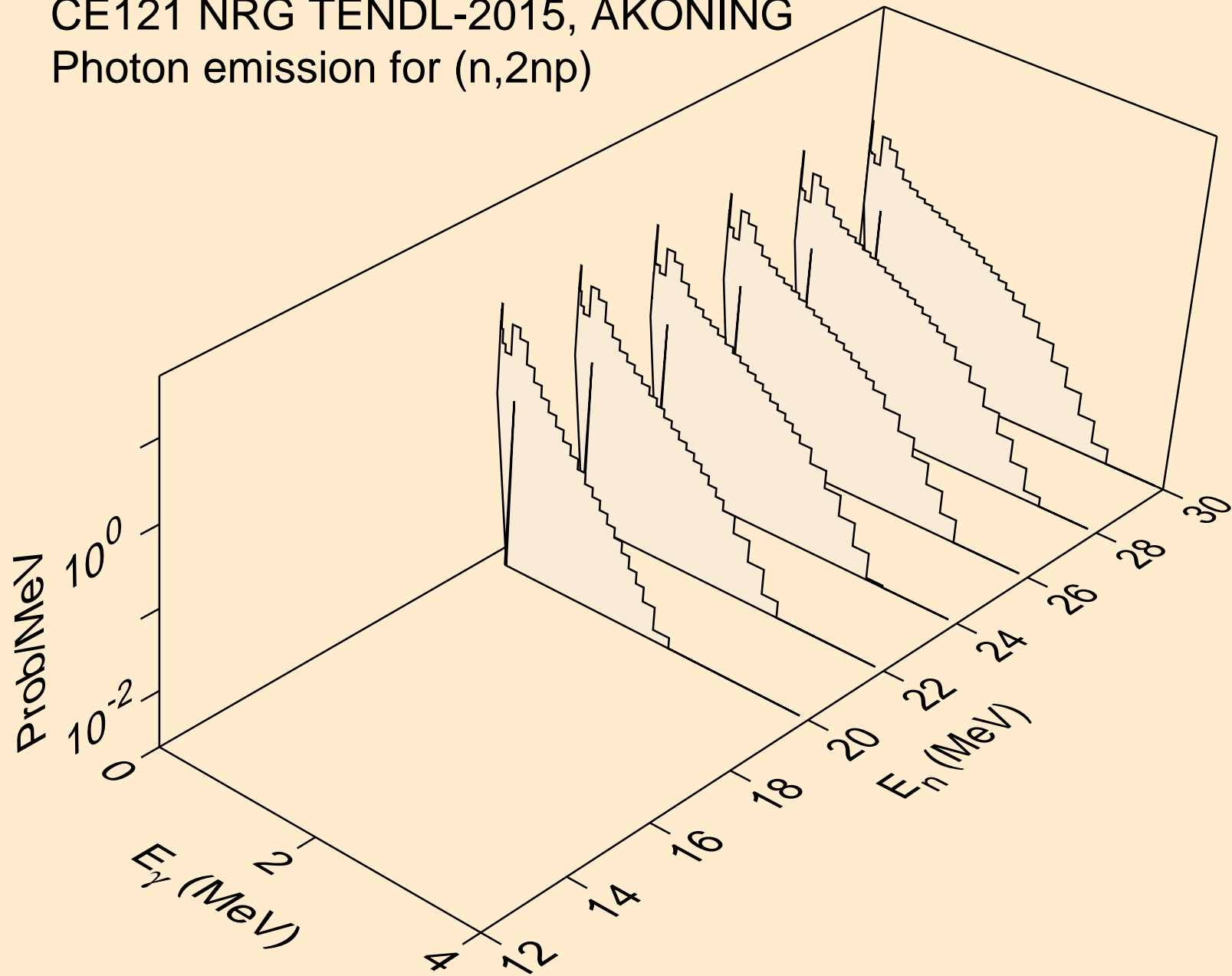
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



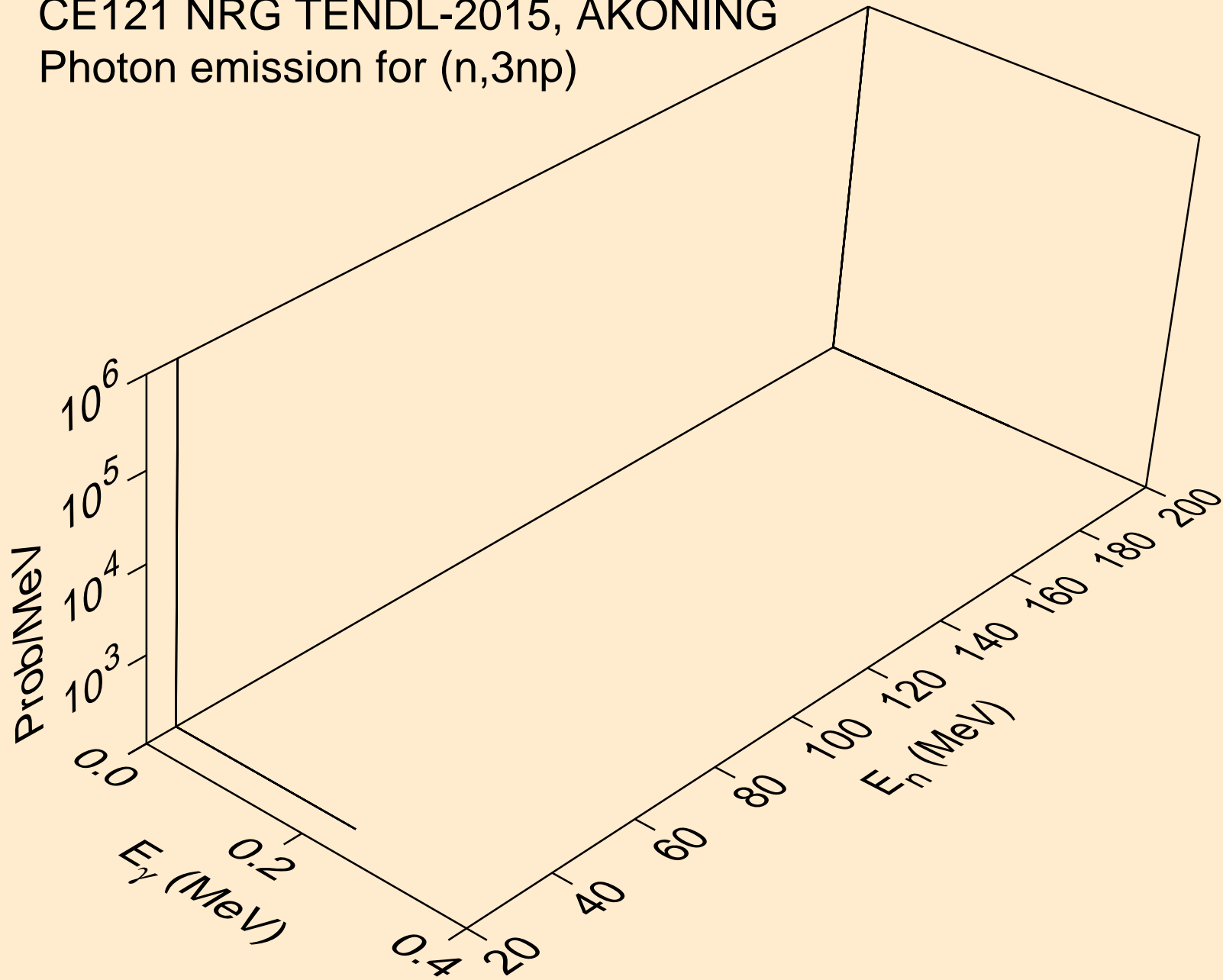
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



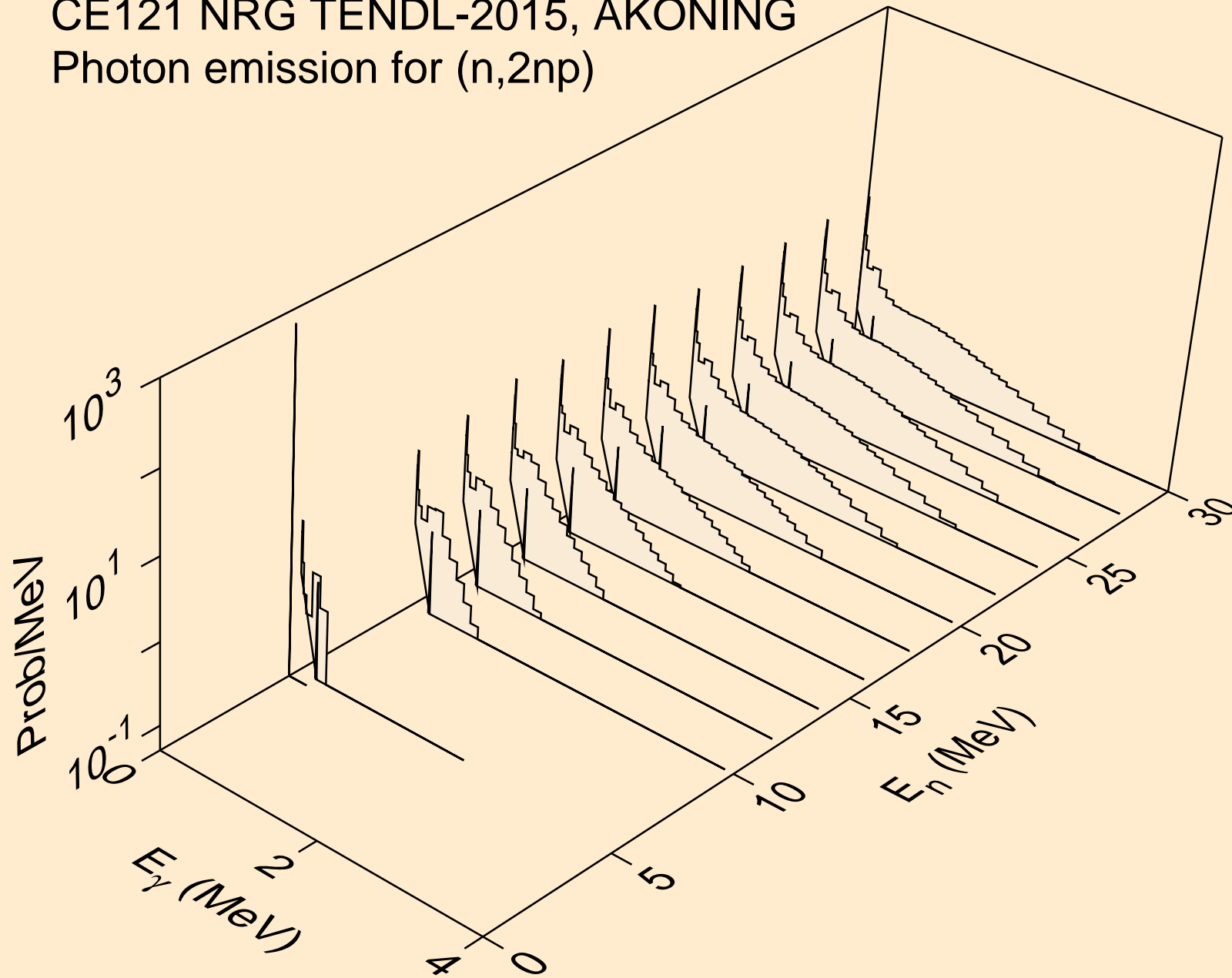
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



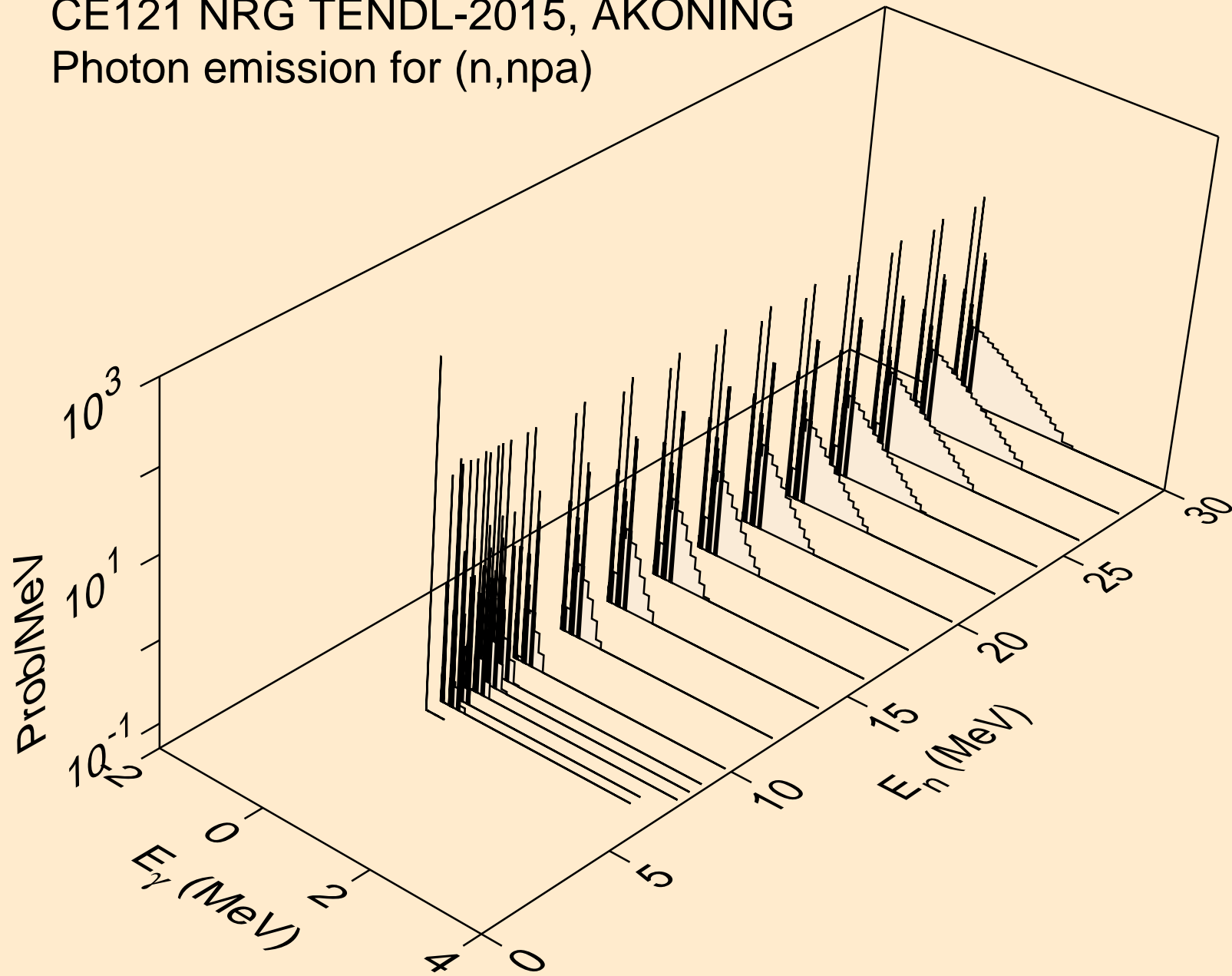
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

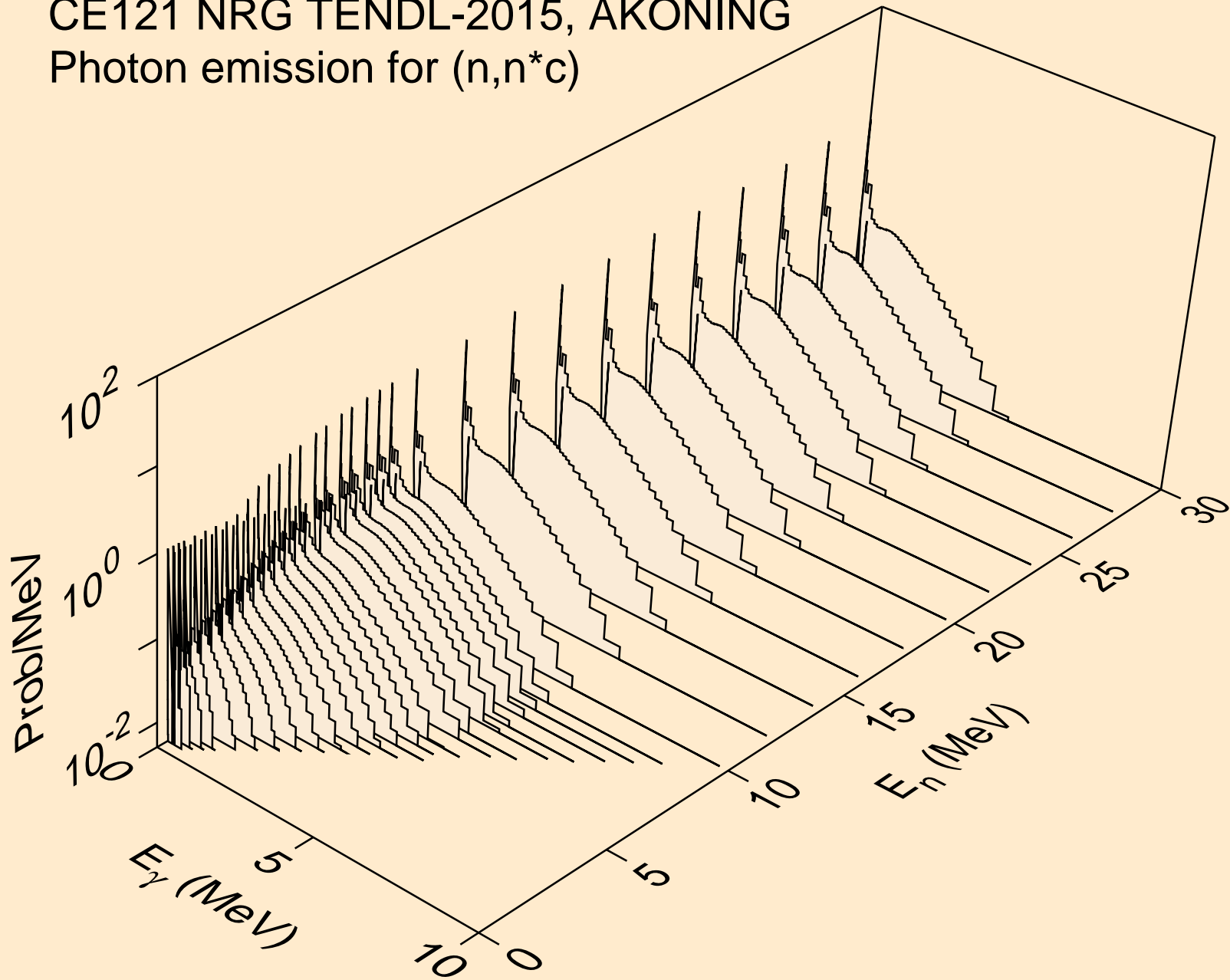


CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

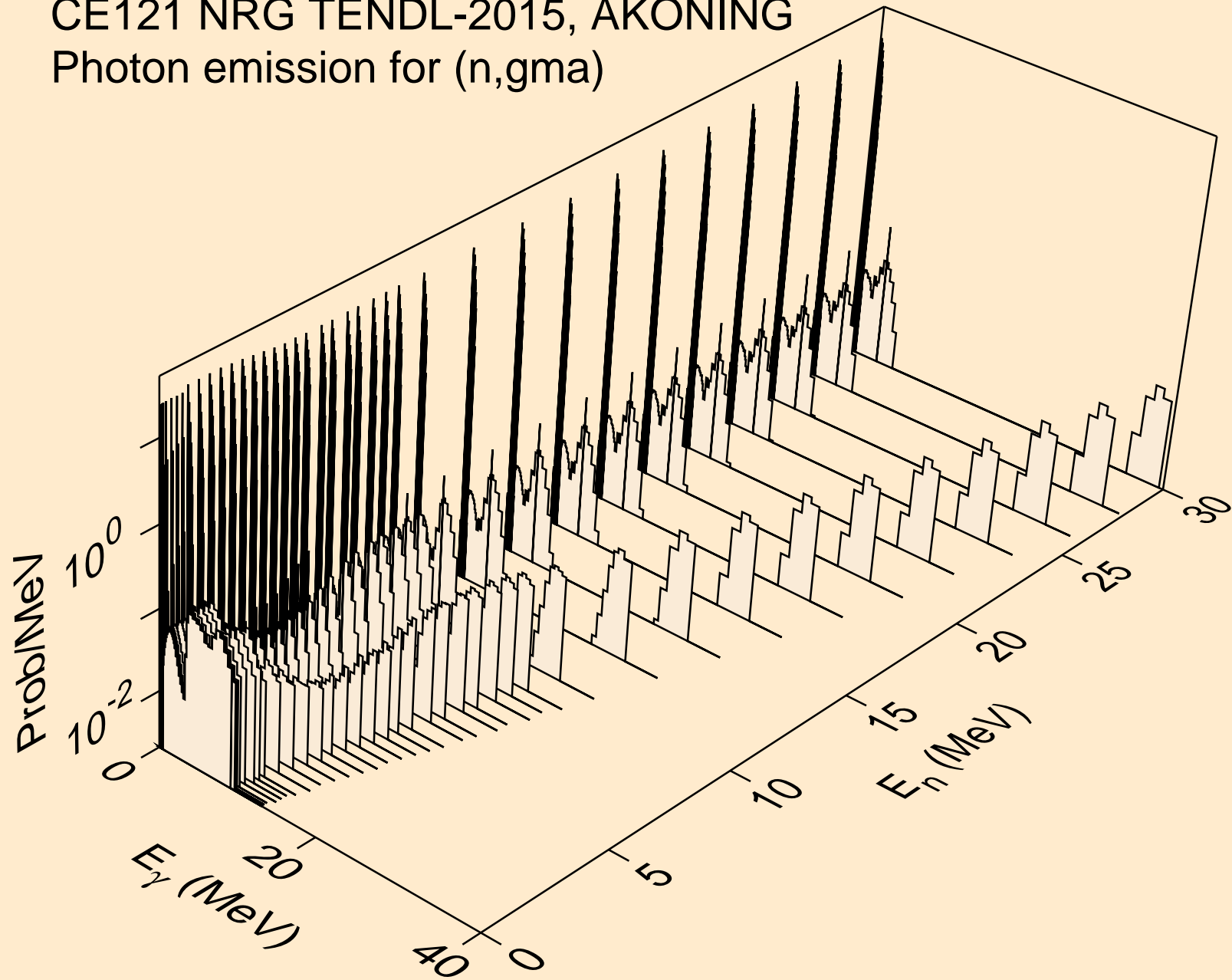




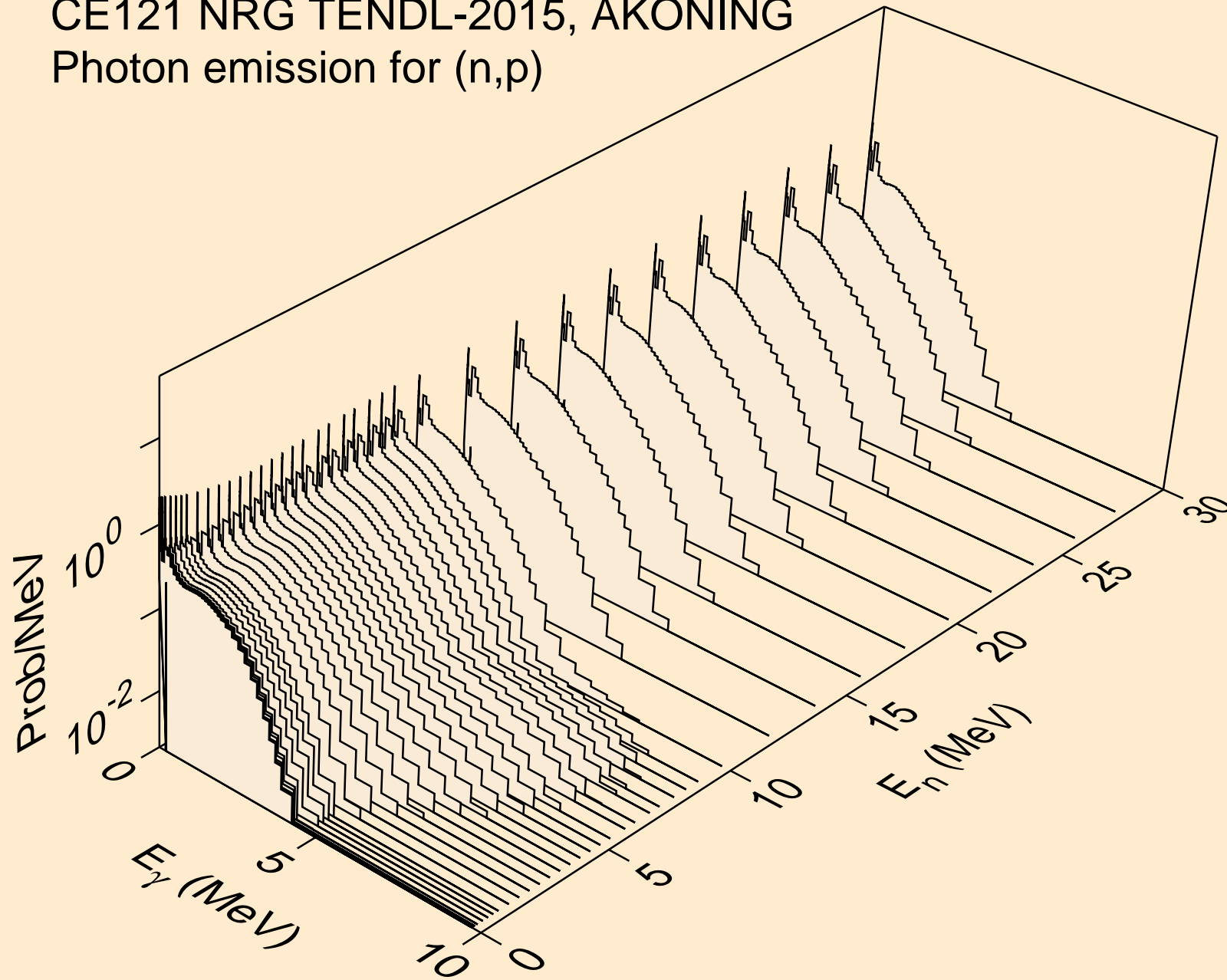
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



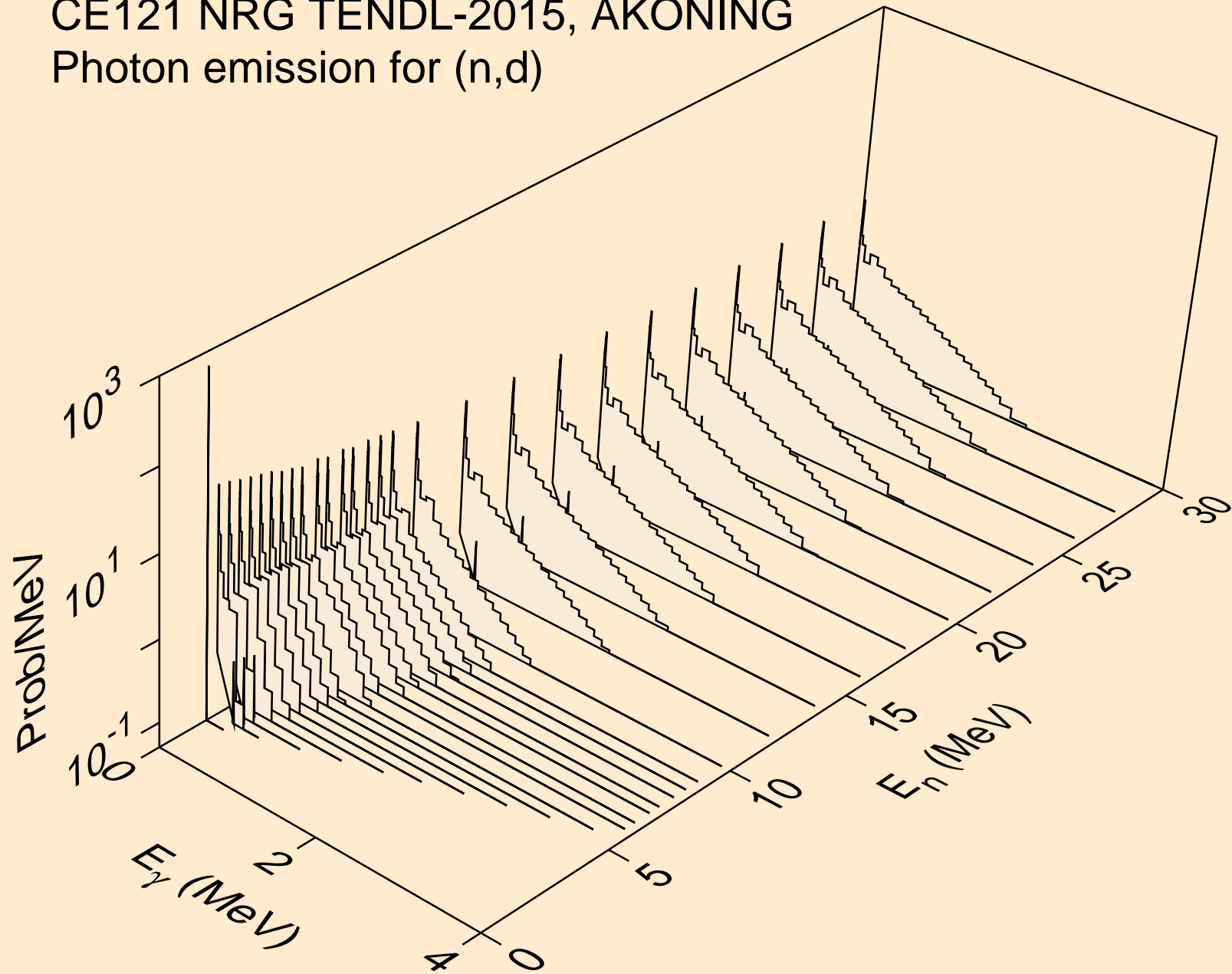
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



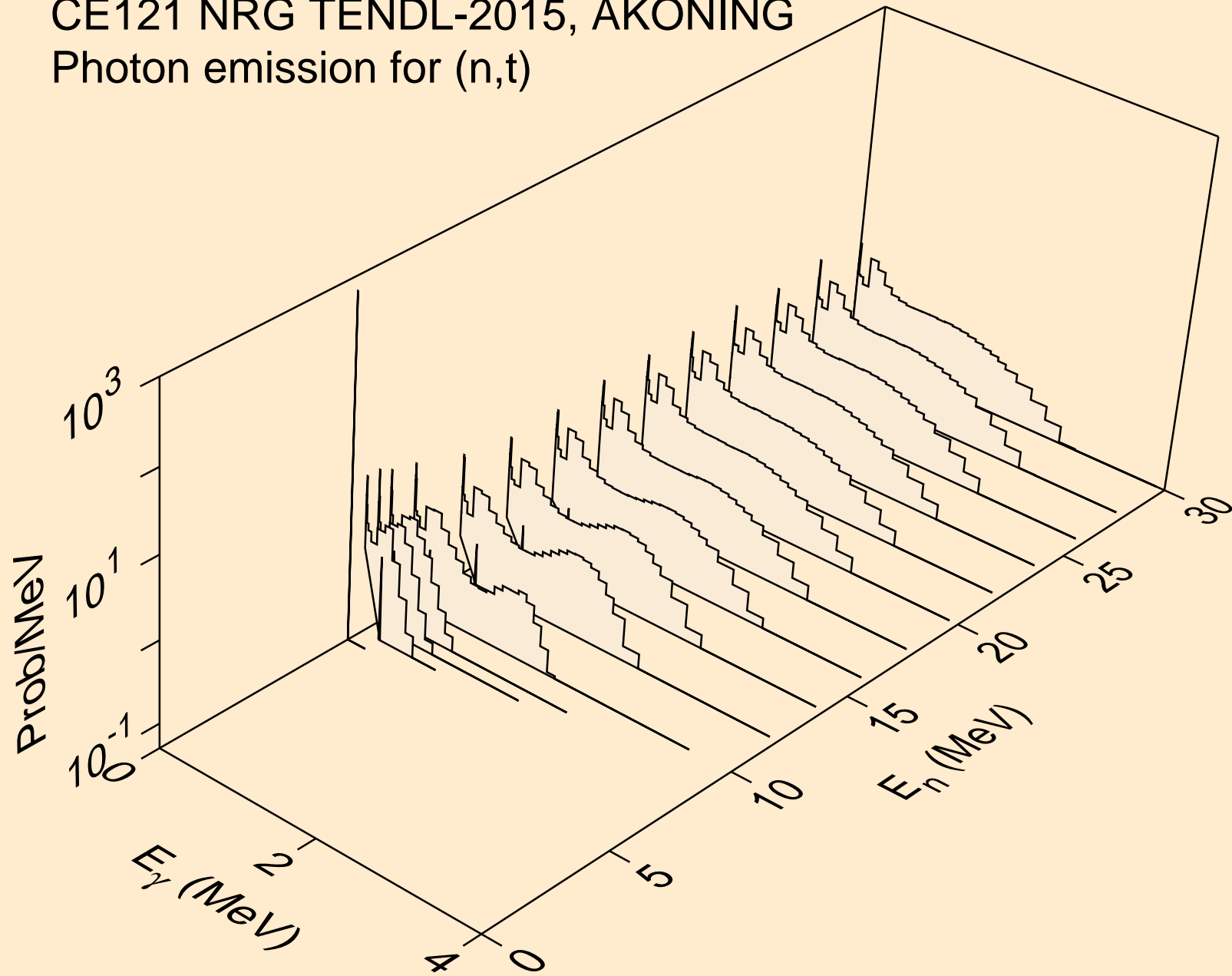
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



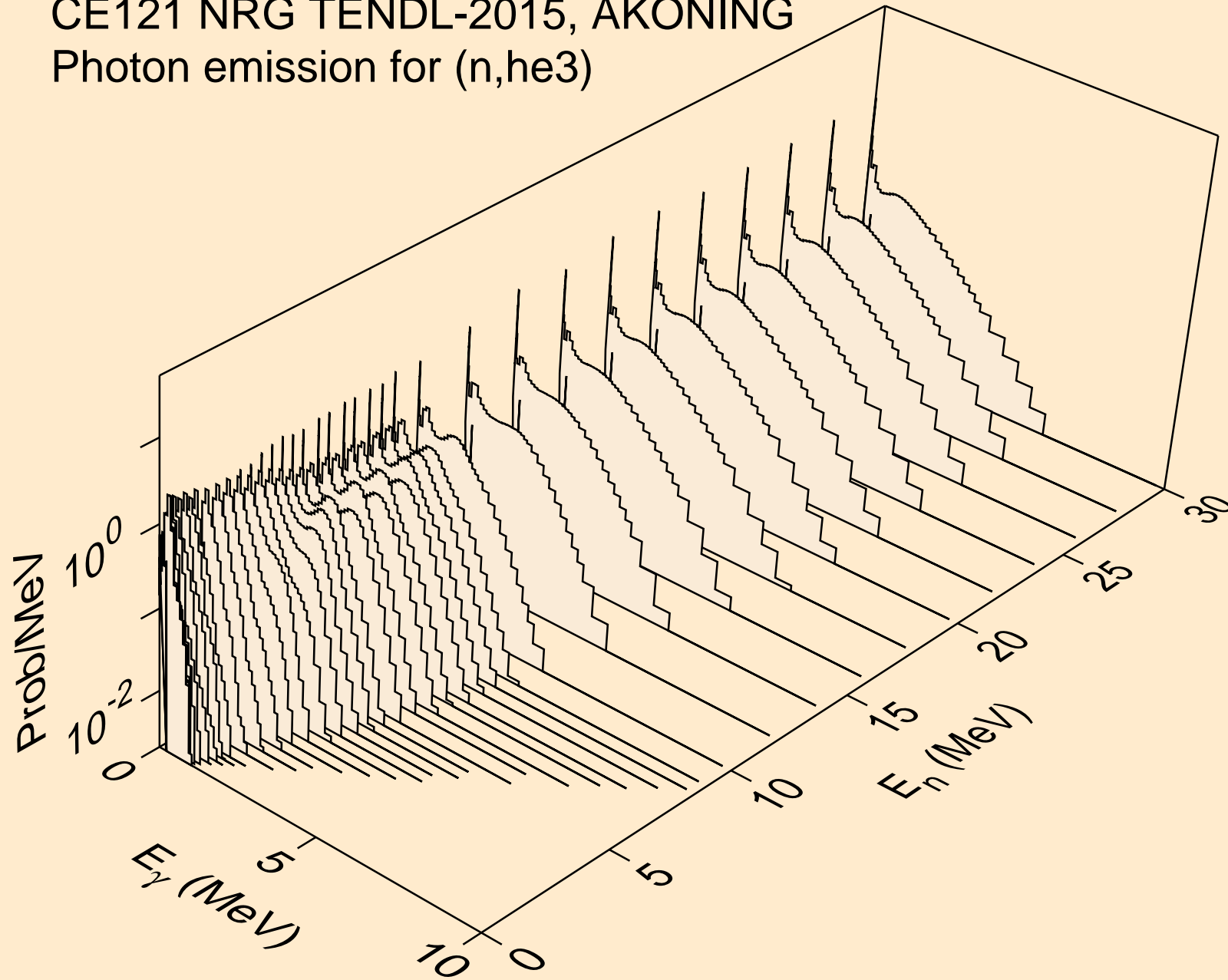
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



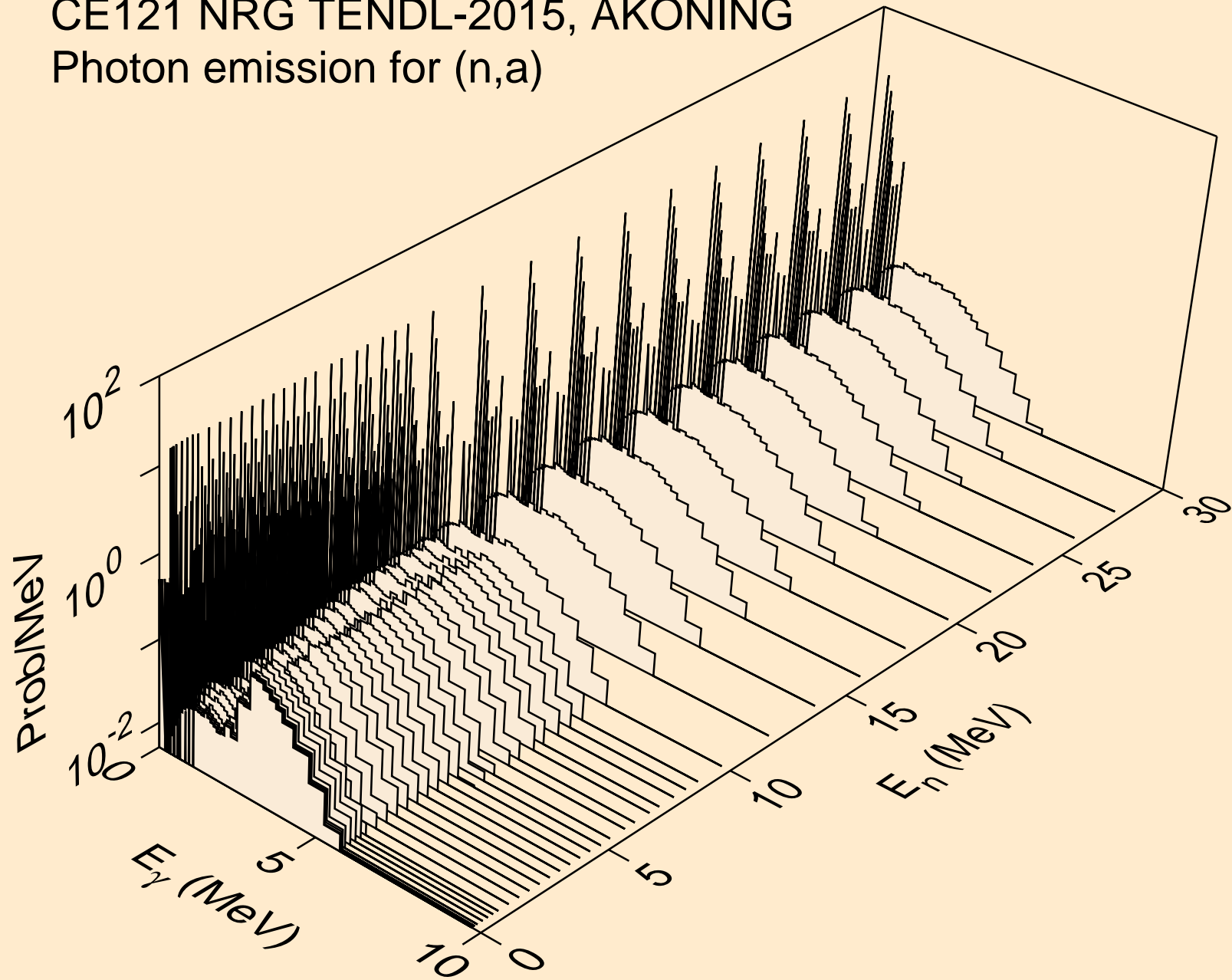
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



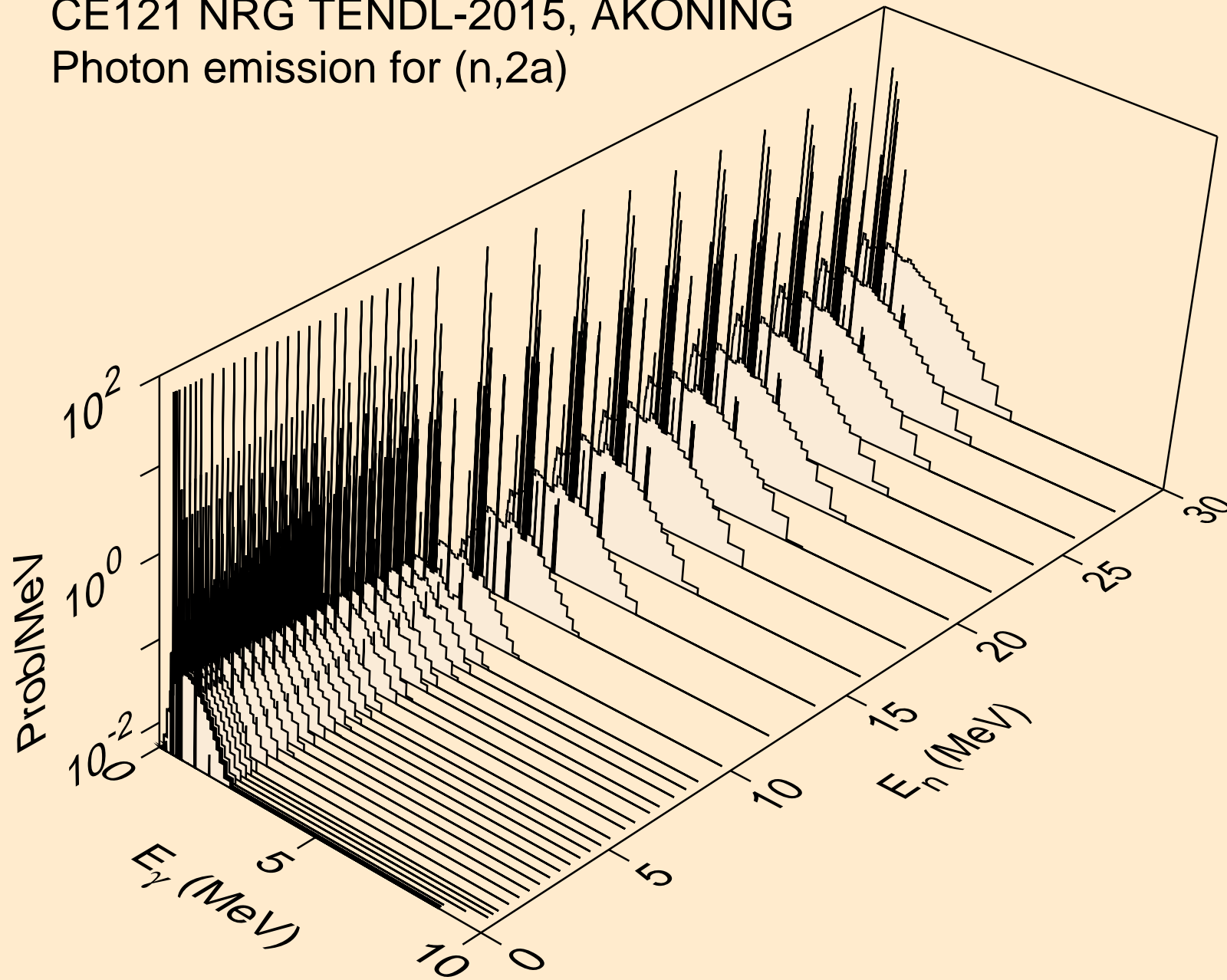
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

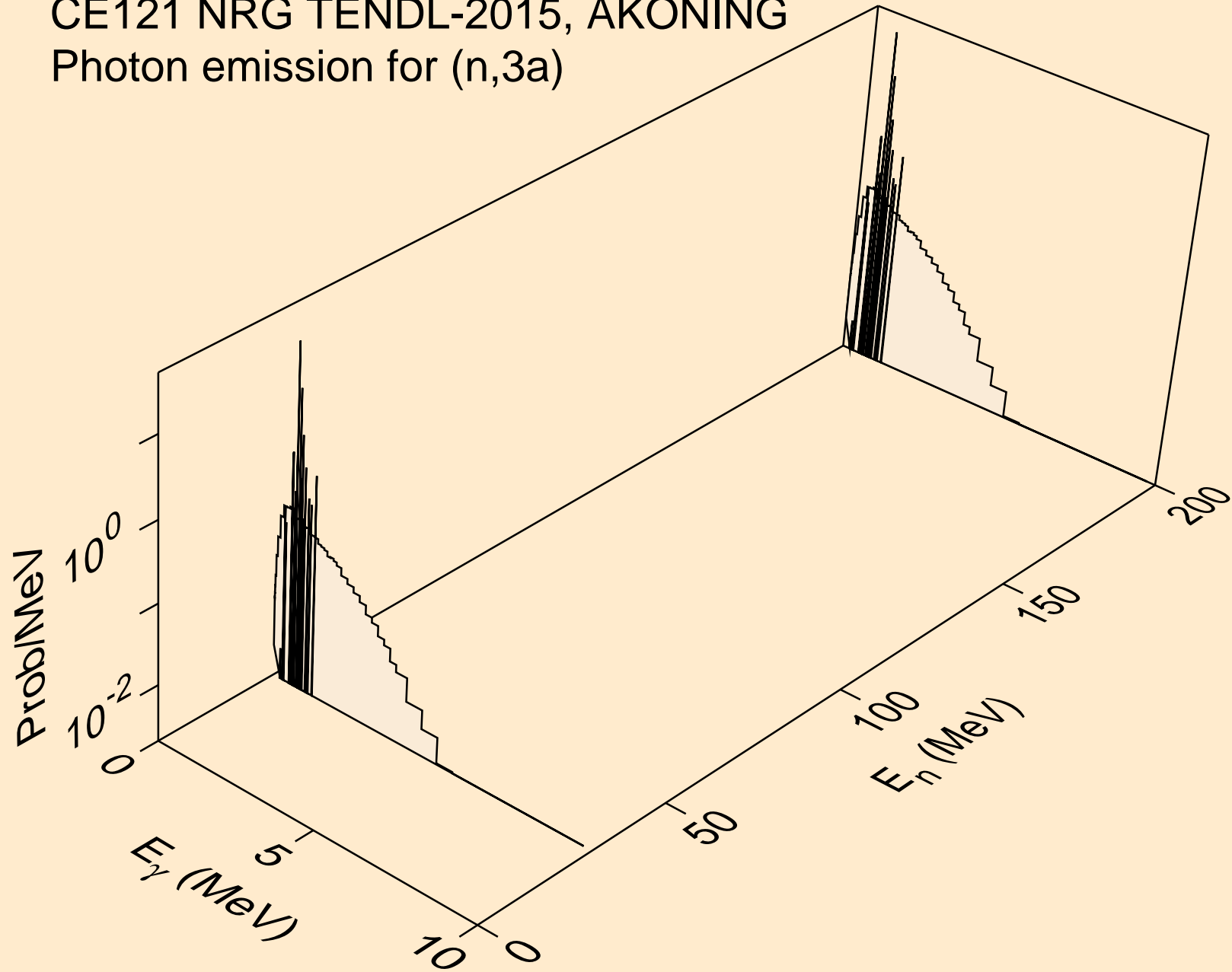


CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

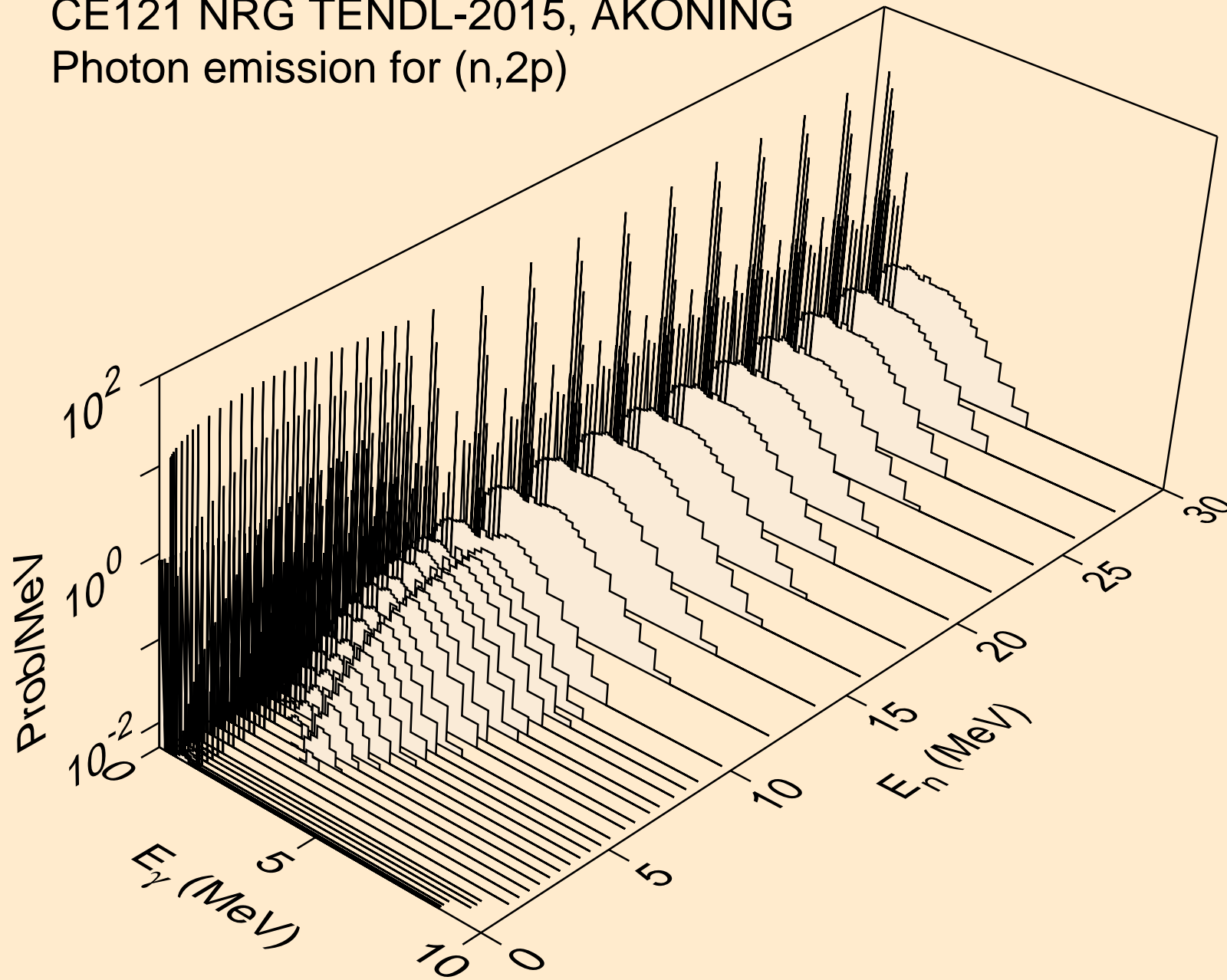




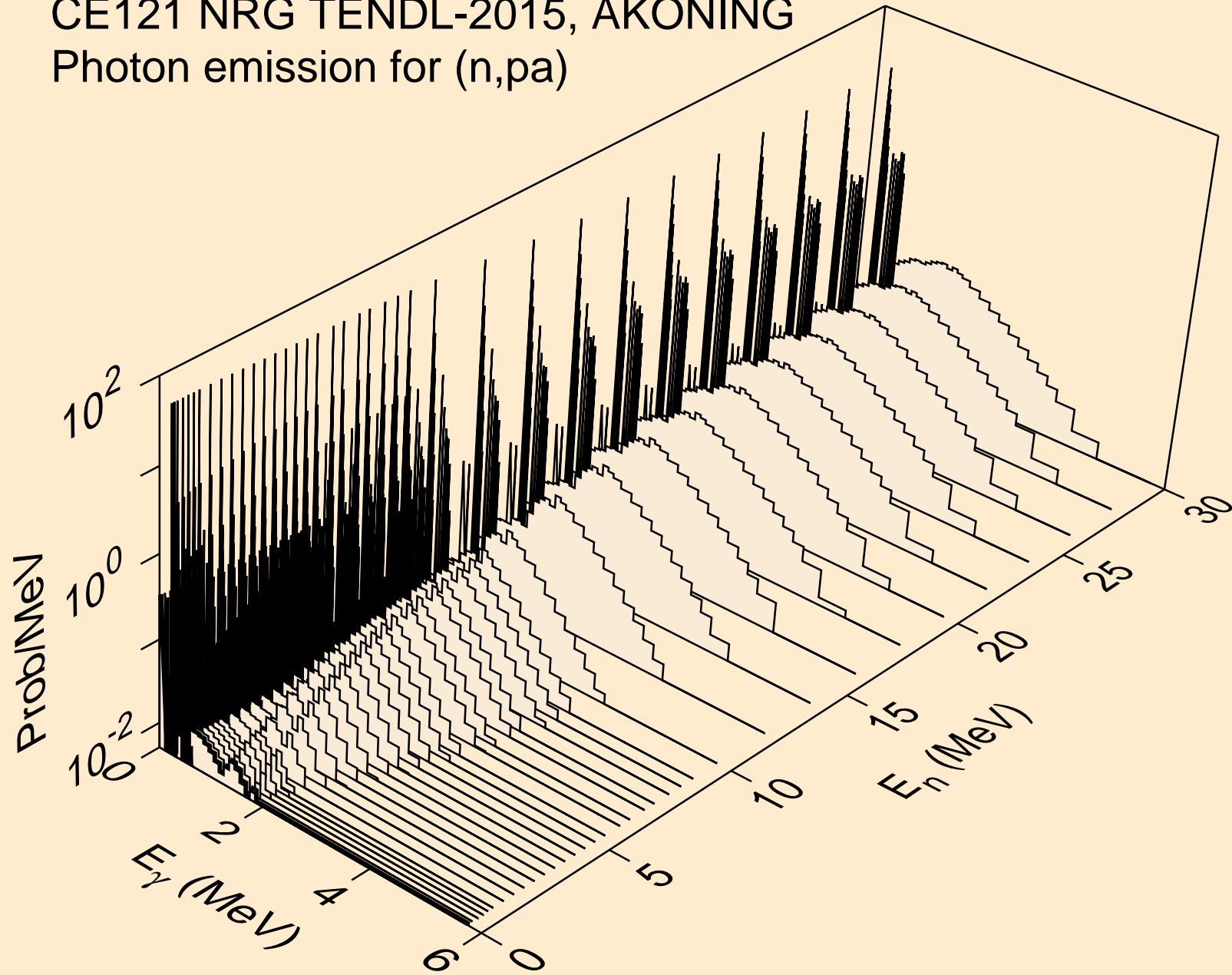
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



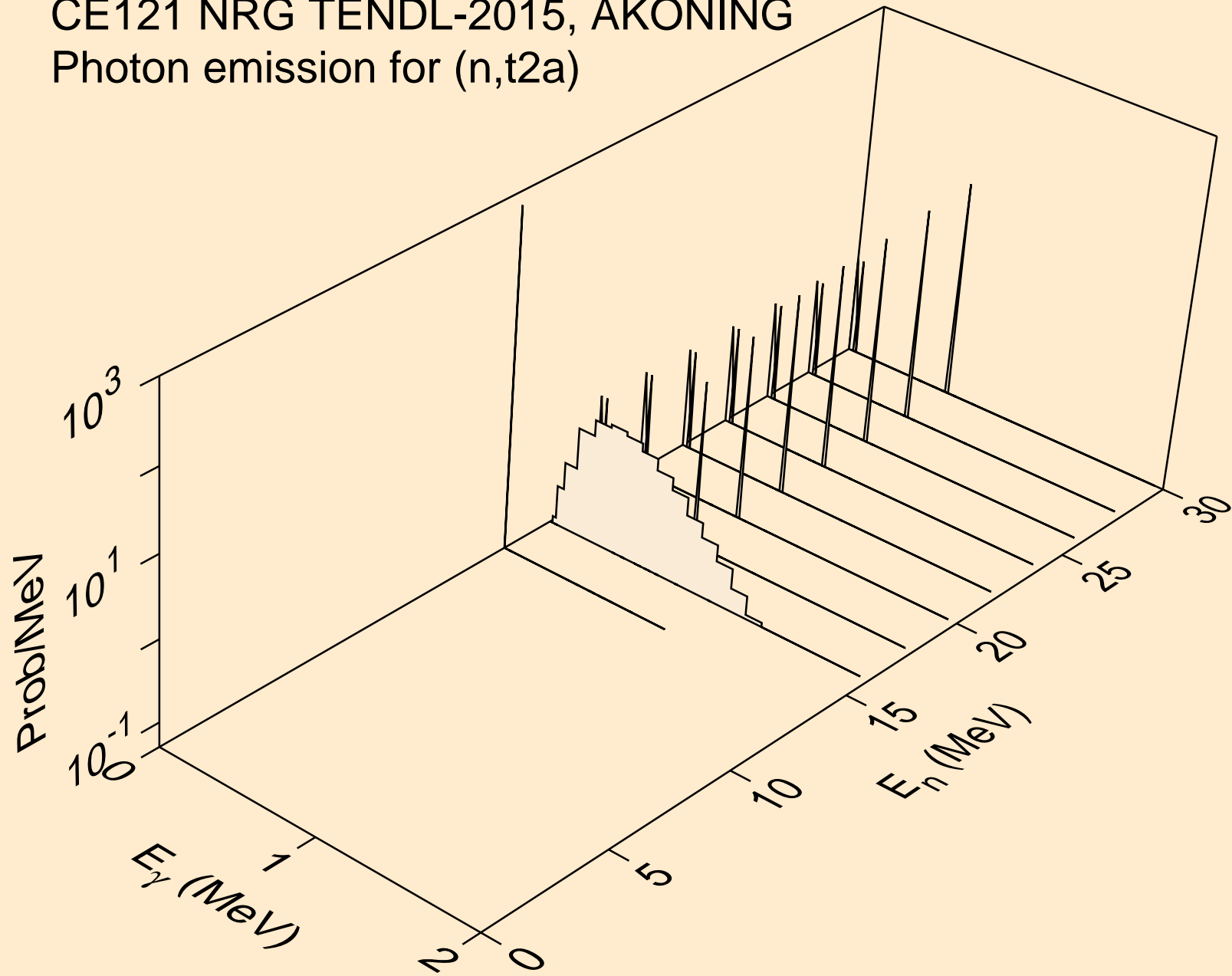
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



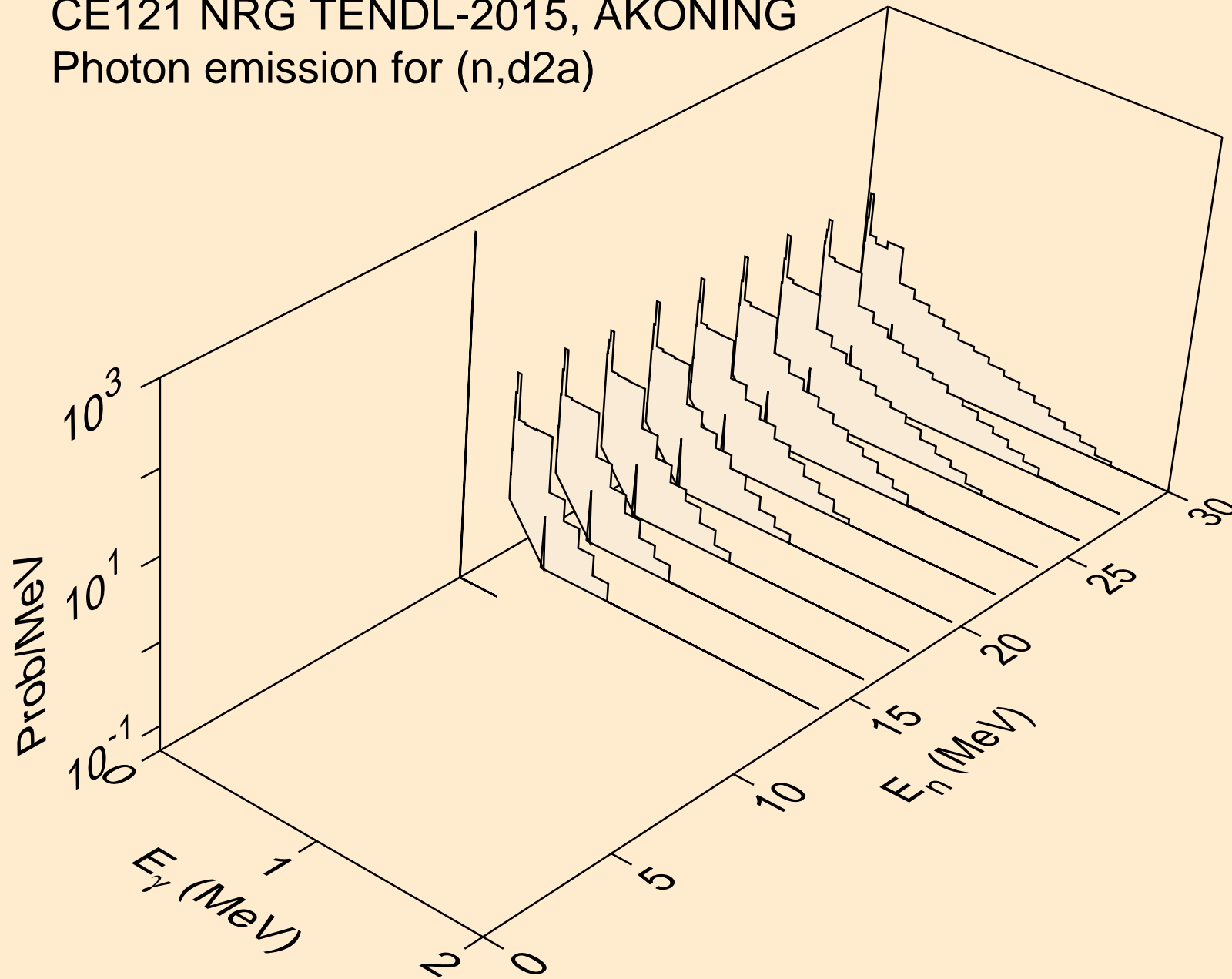
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



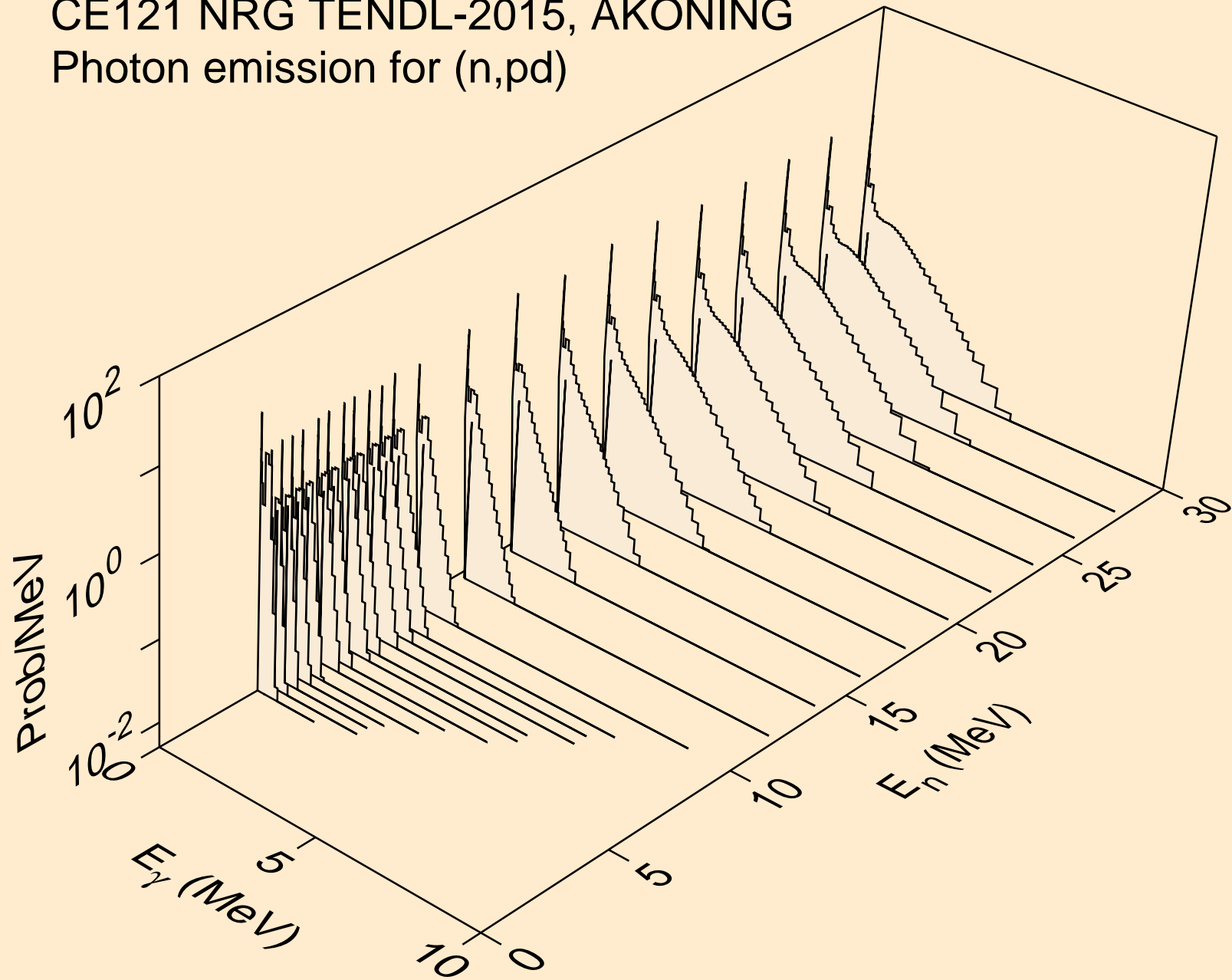
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



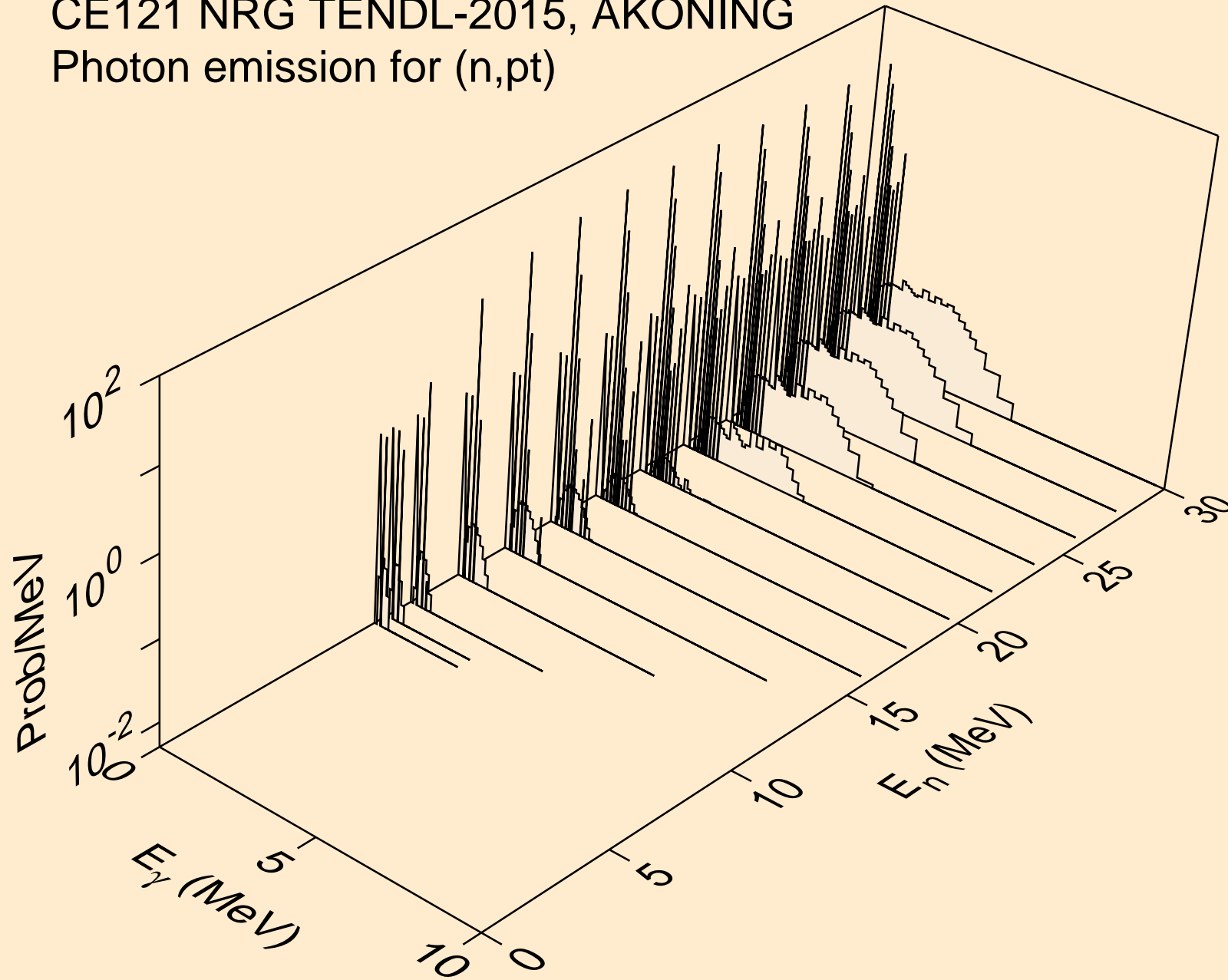
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



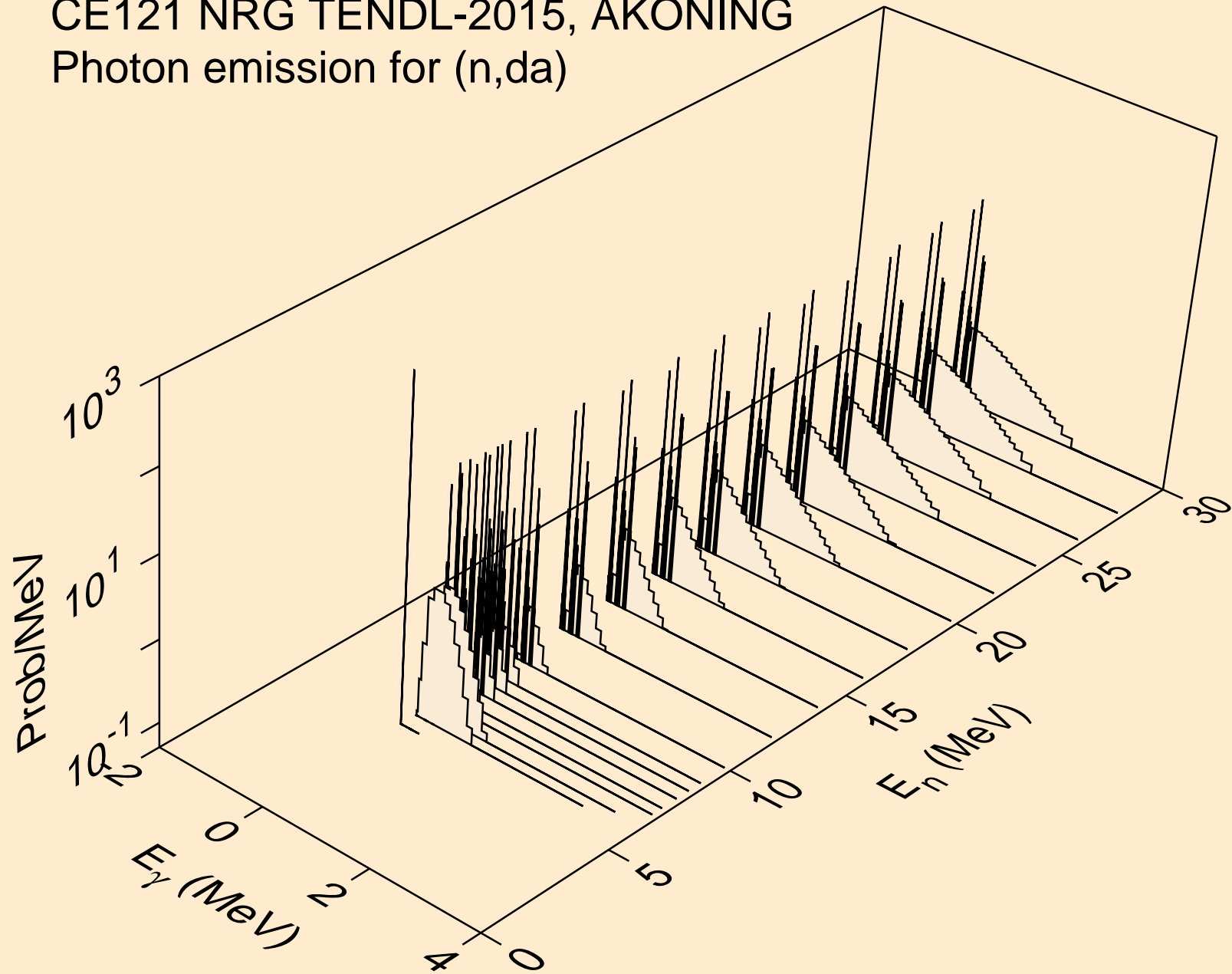
CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

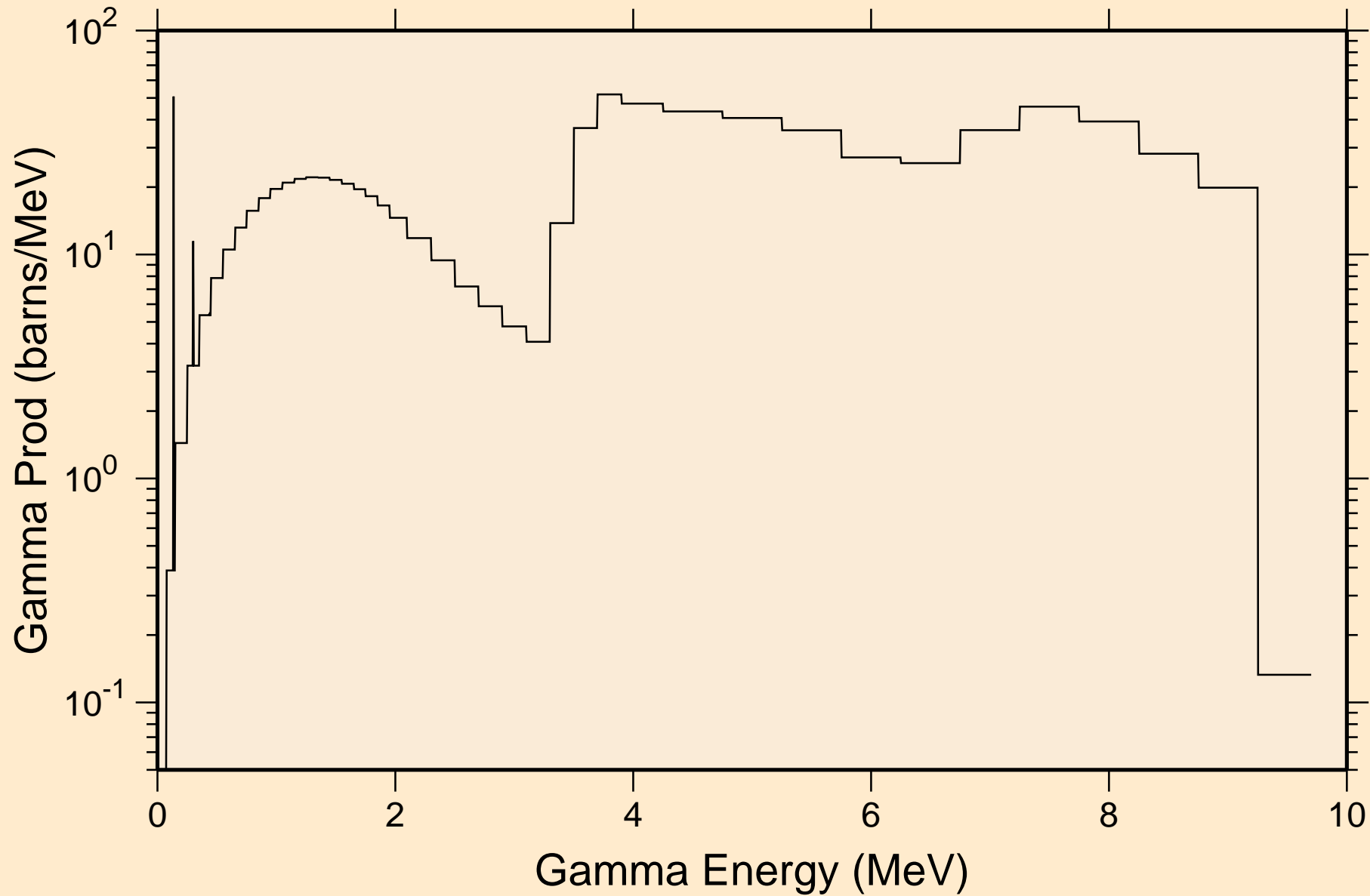


CE121 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

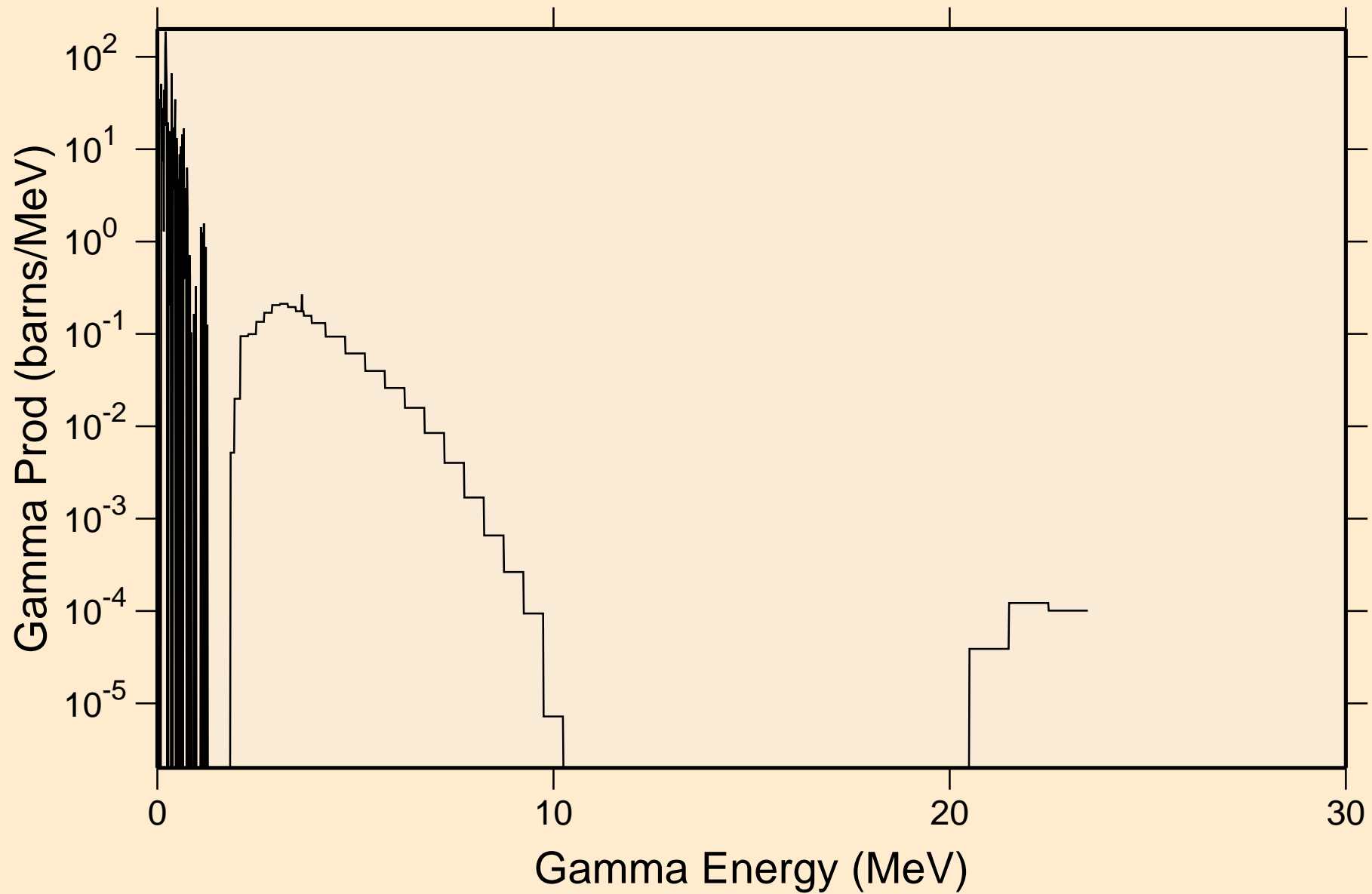




CE121 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

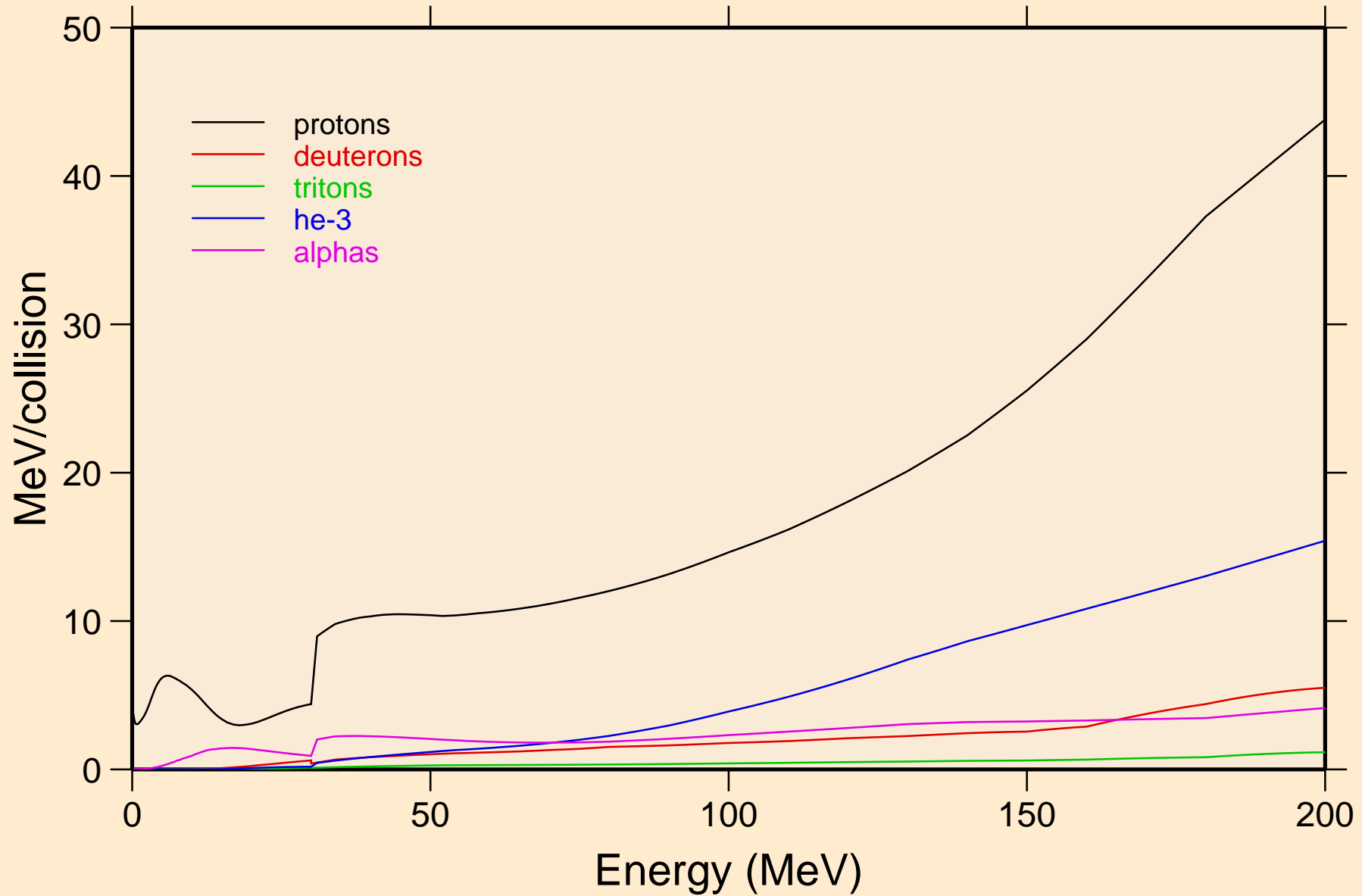


CE121 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



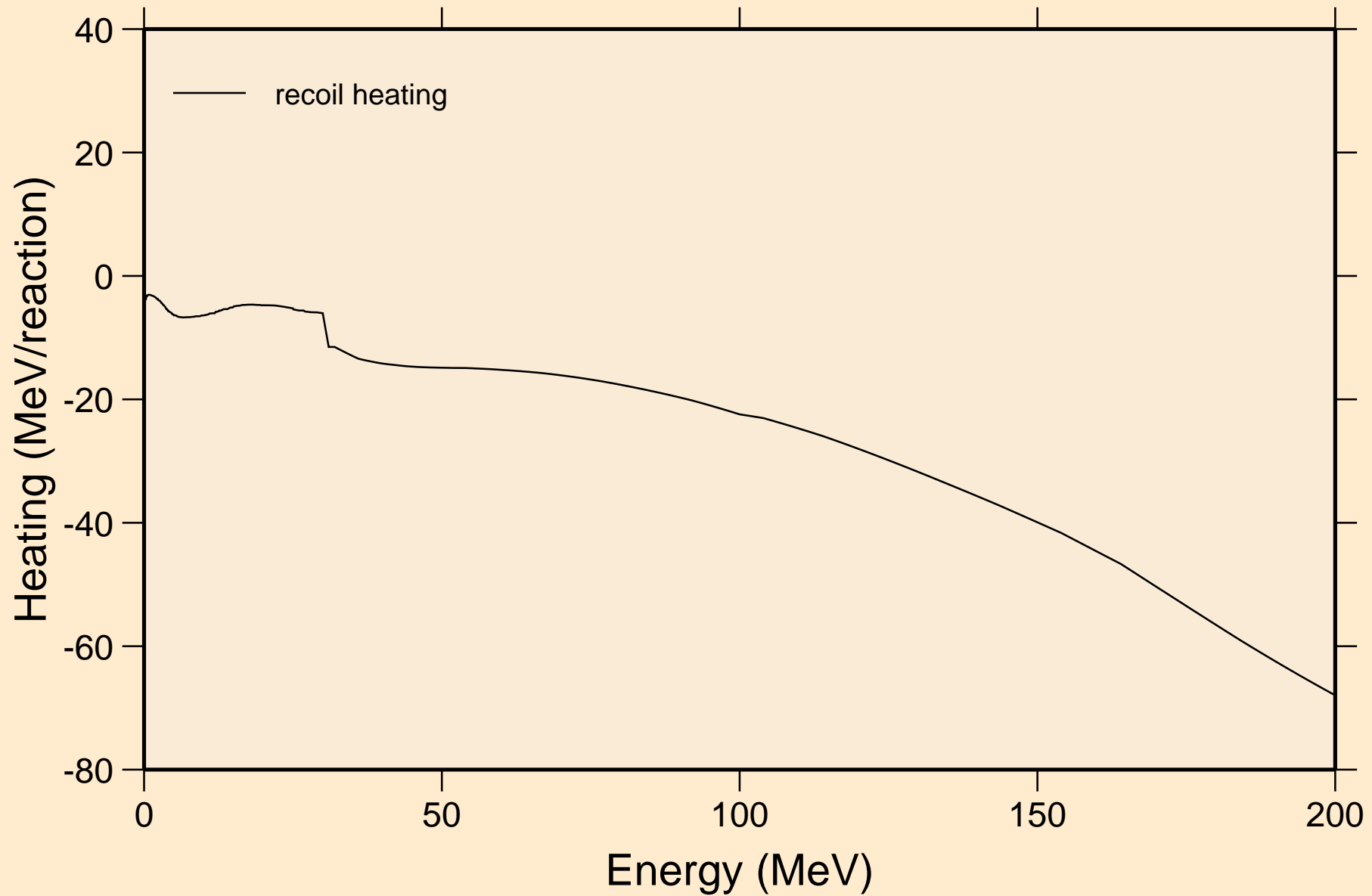
# CE121 NRG TENDL-2015, AKONING

## Particle heating contributions



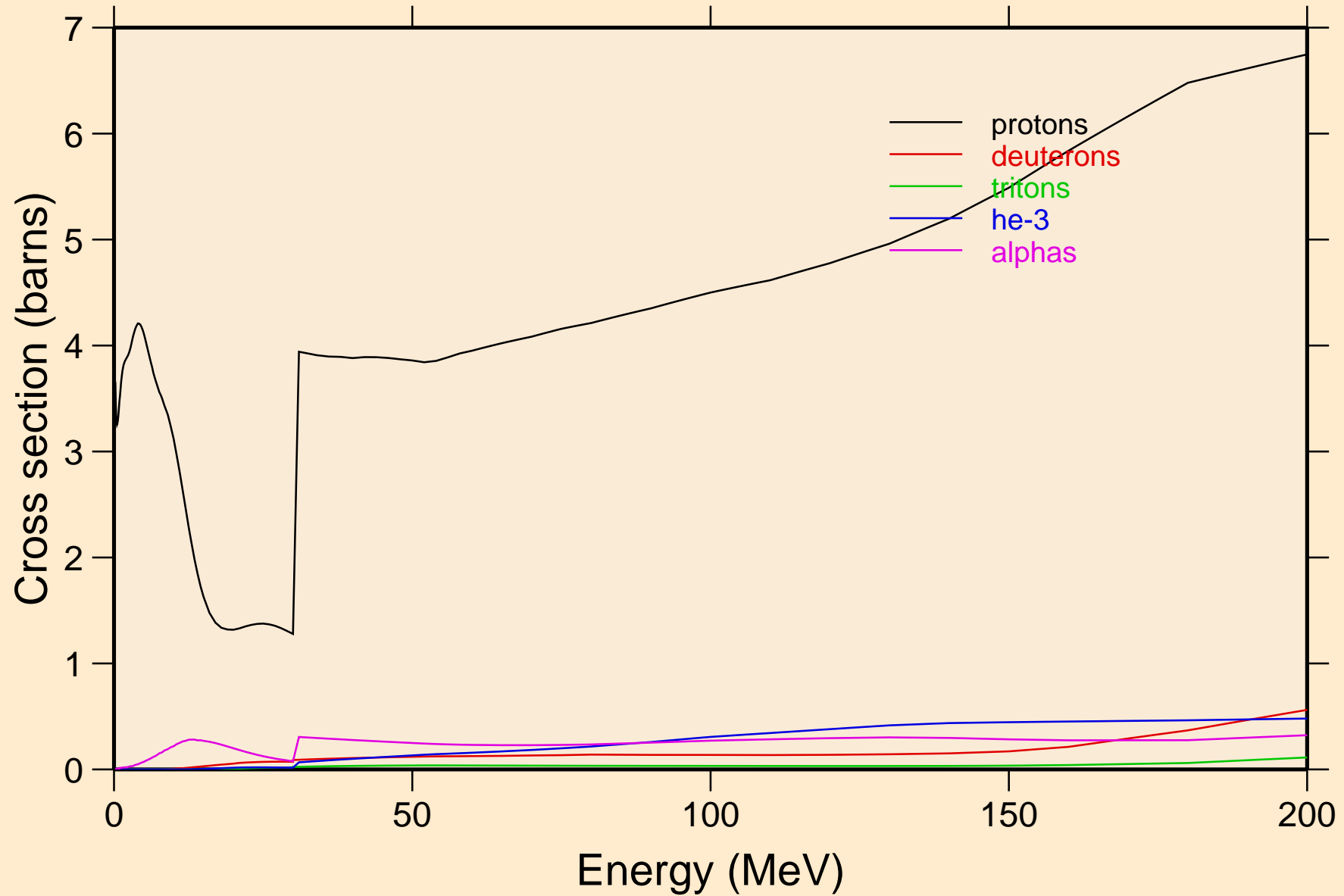
# CE121 NRG TENDL-2015, AKONING

## Recoil Heating

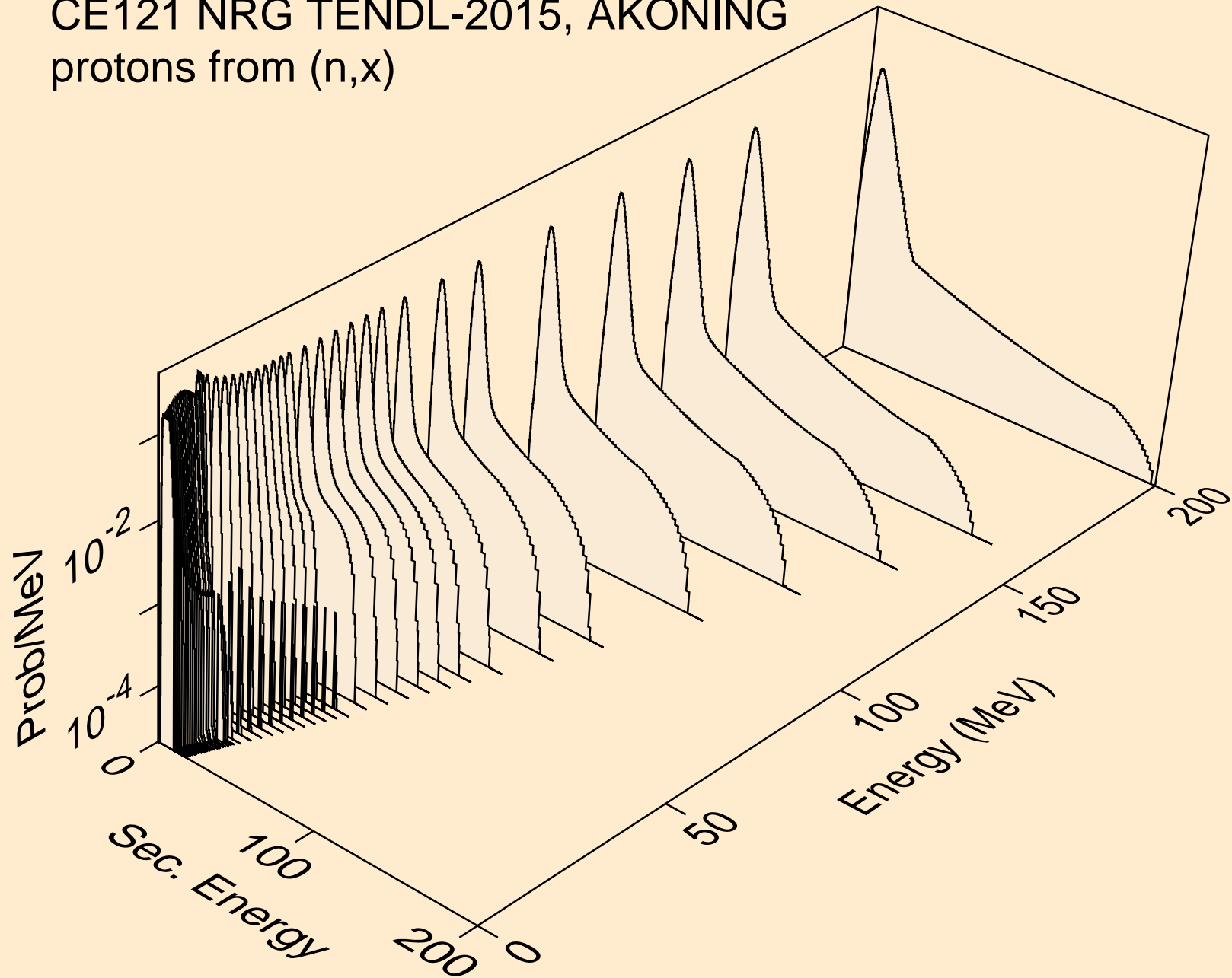


# CE121 NRG TENDL-2015, AKONING

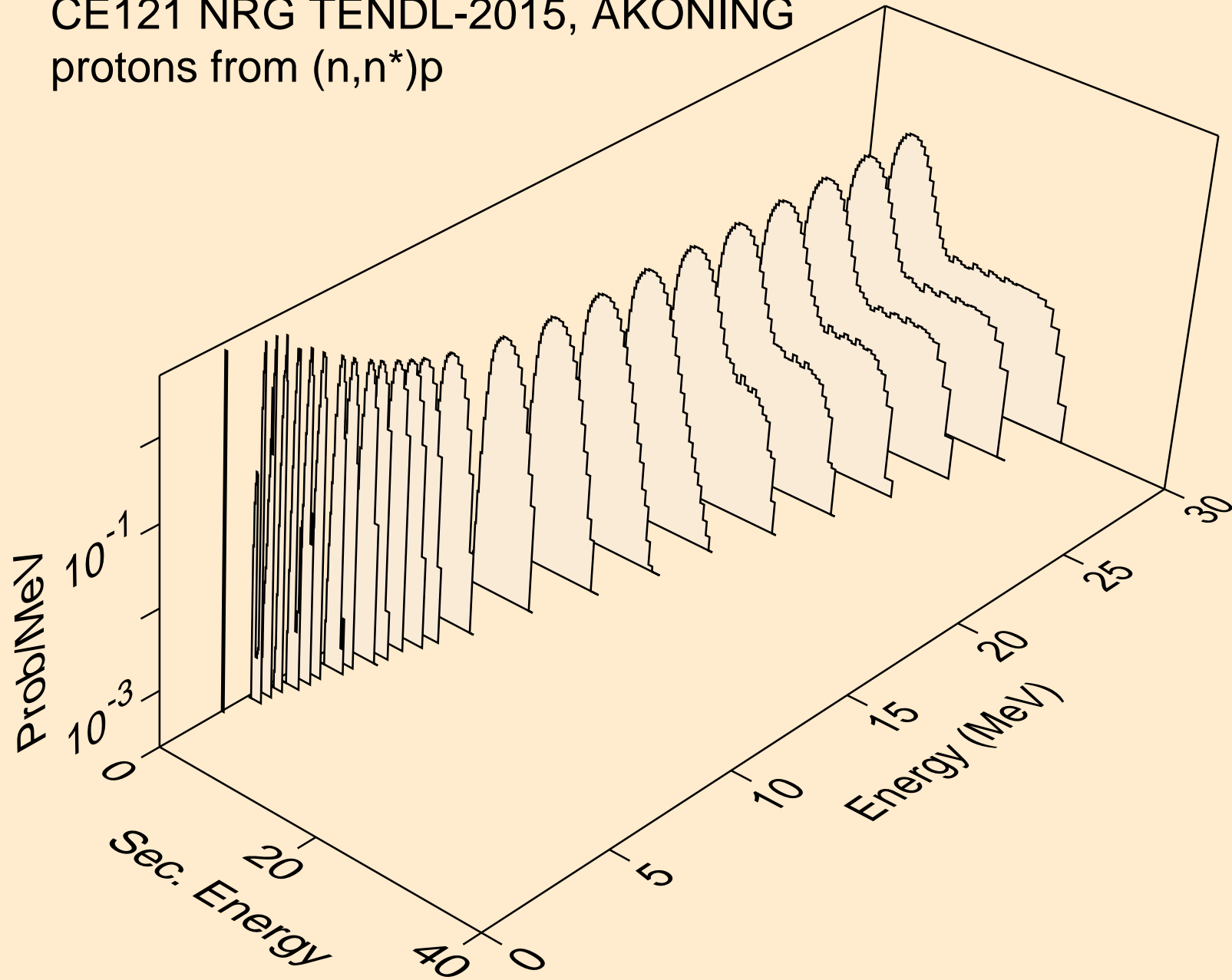
## Particle production cross sections



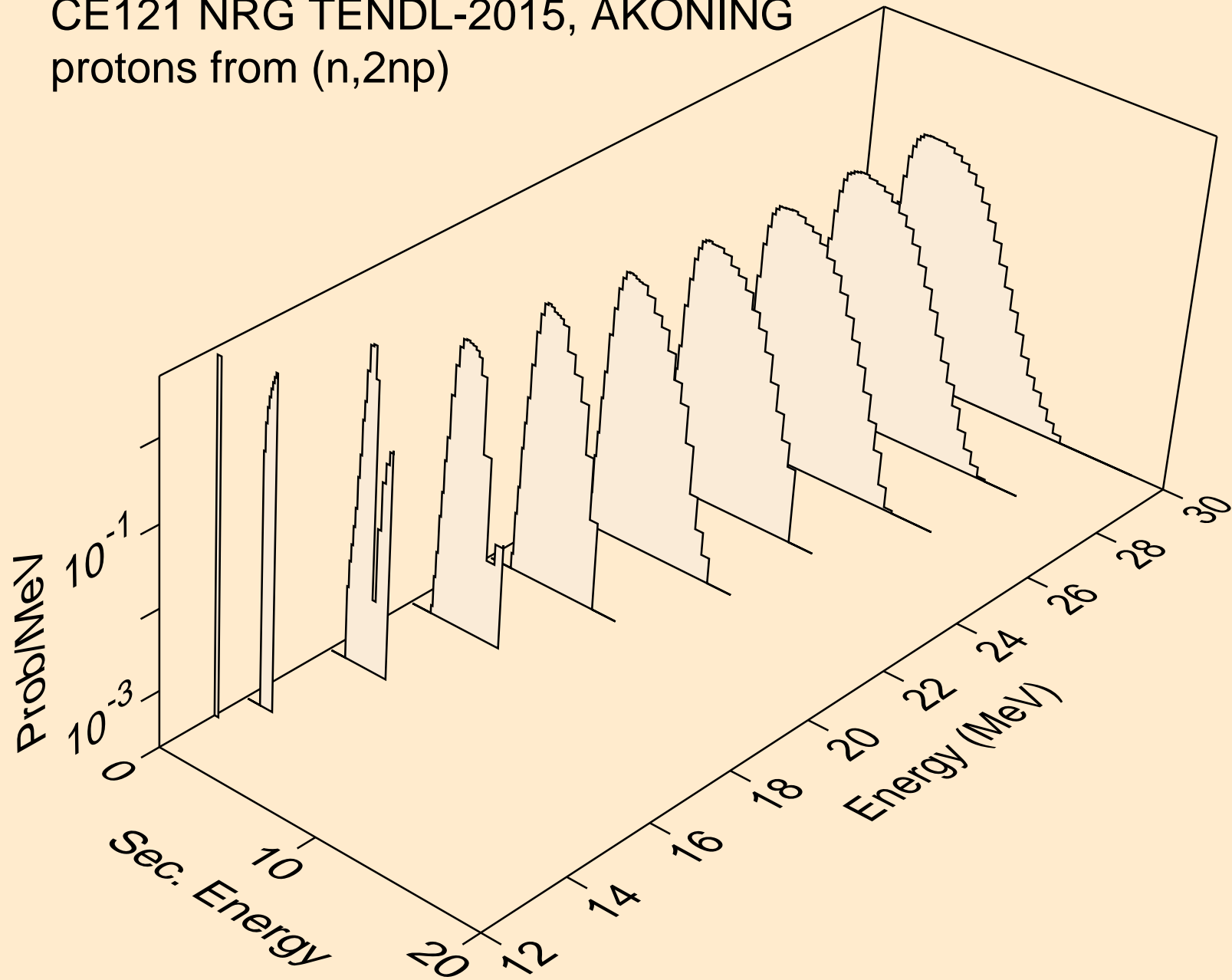
CE121 NRG TENDL-2015, AKONING  
protons from (n,x)



CE121 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

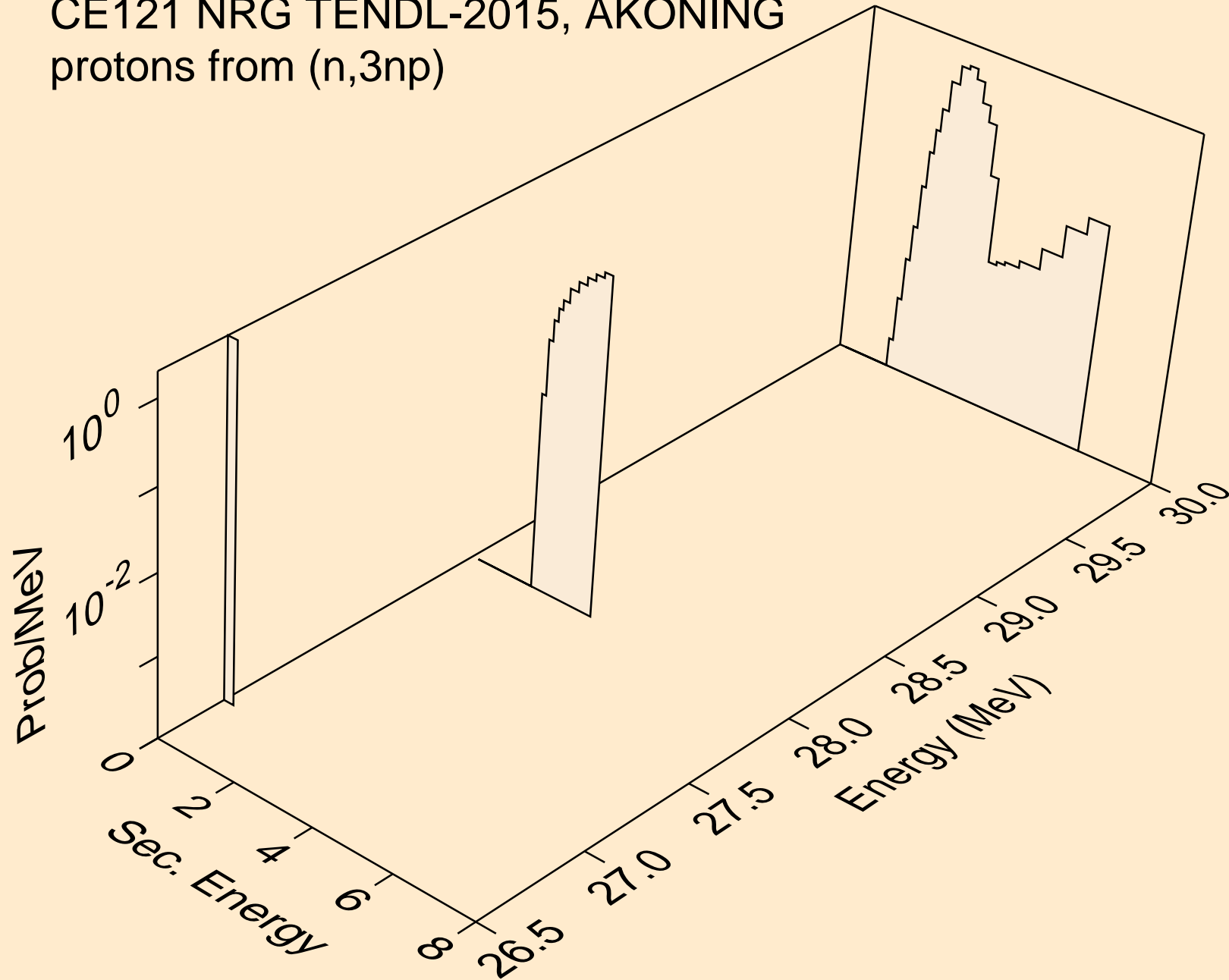


CE121 NRG TENDL-2015, AKONING  
protons from (n,2np)

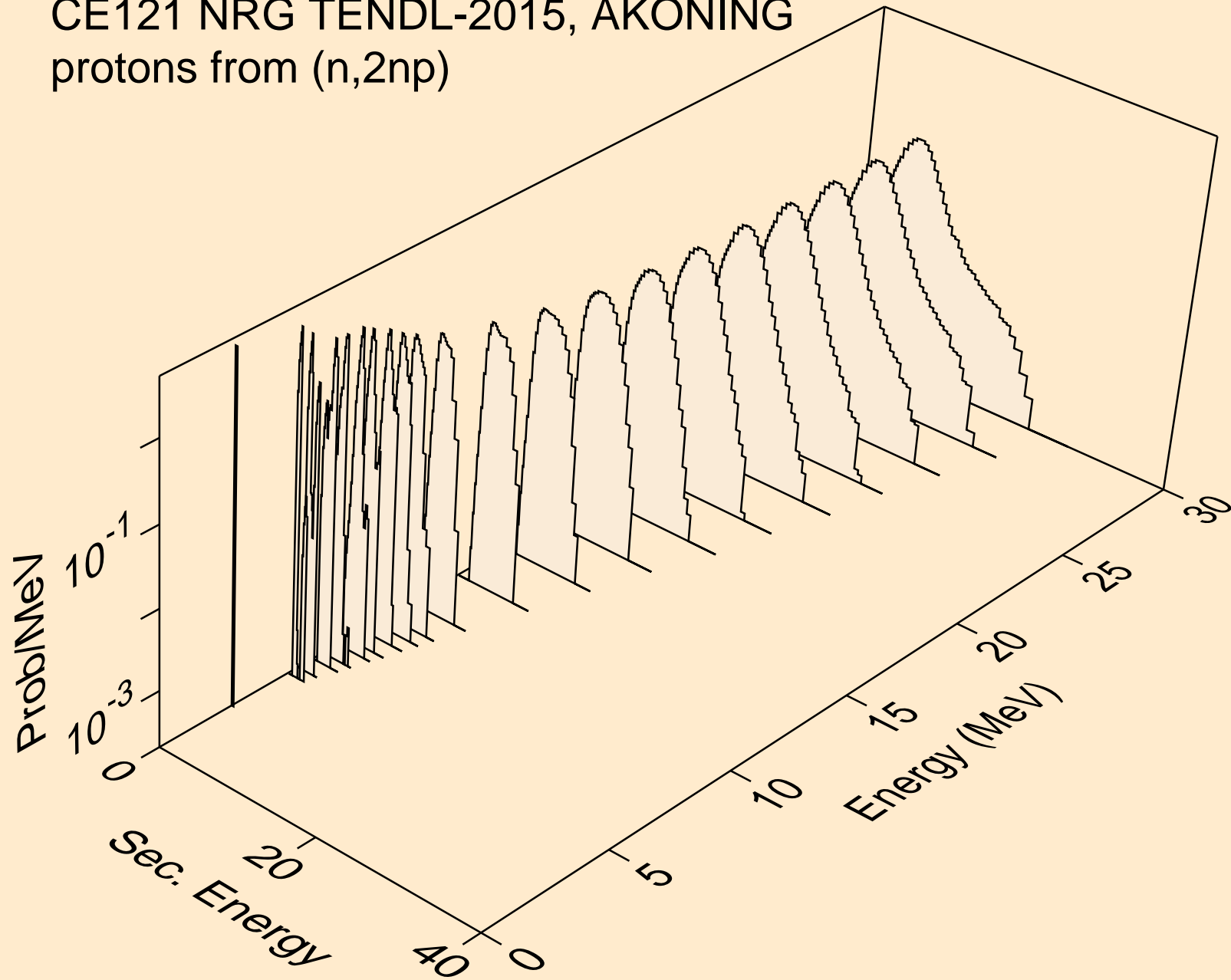




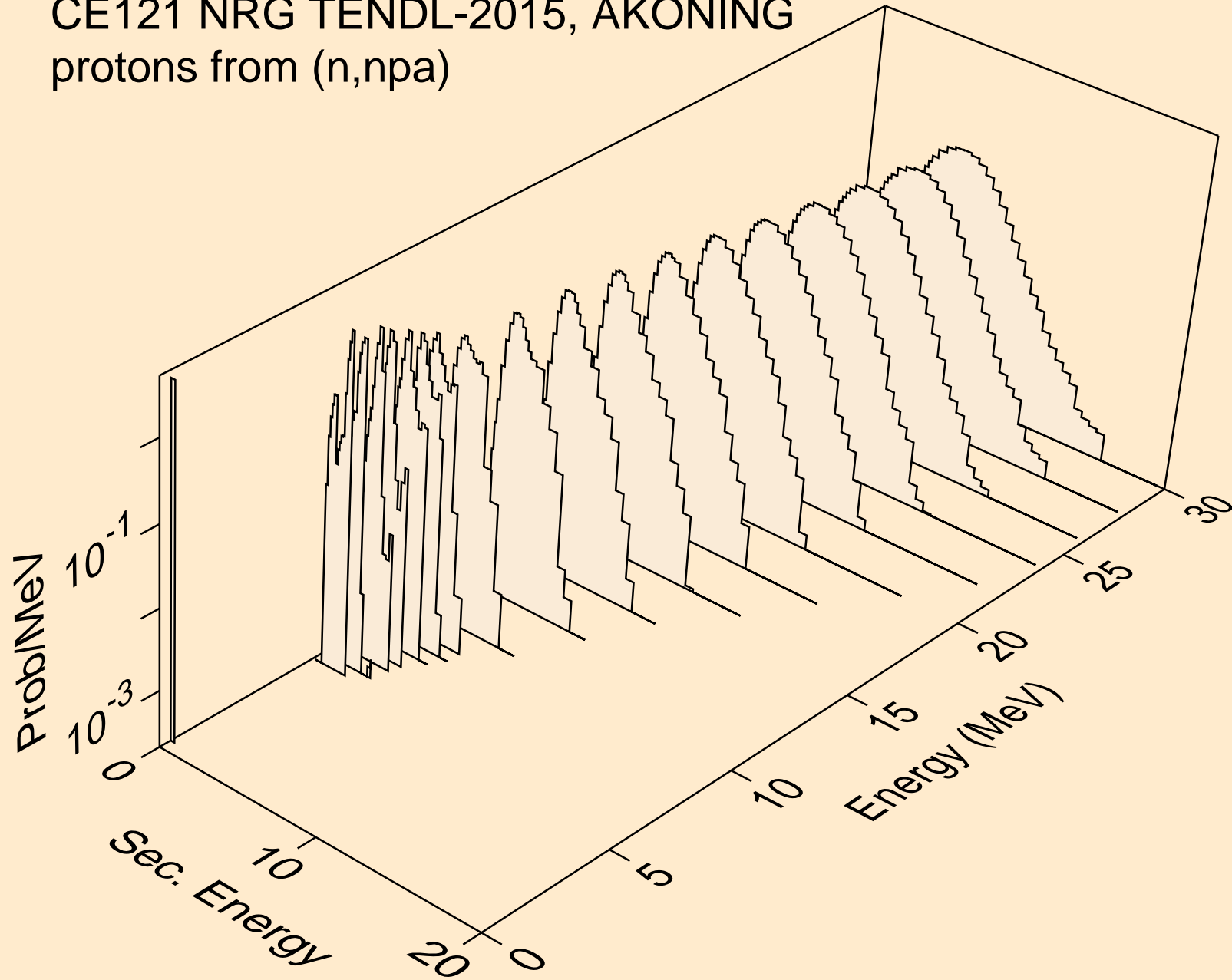
CE121 NRG TENDL-2015, AKONING  
protons from (n,3np)



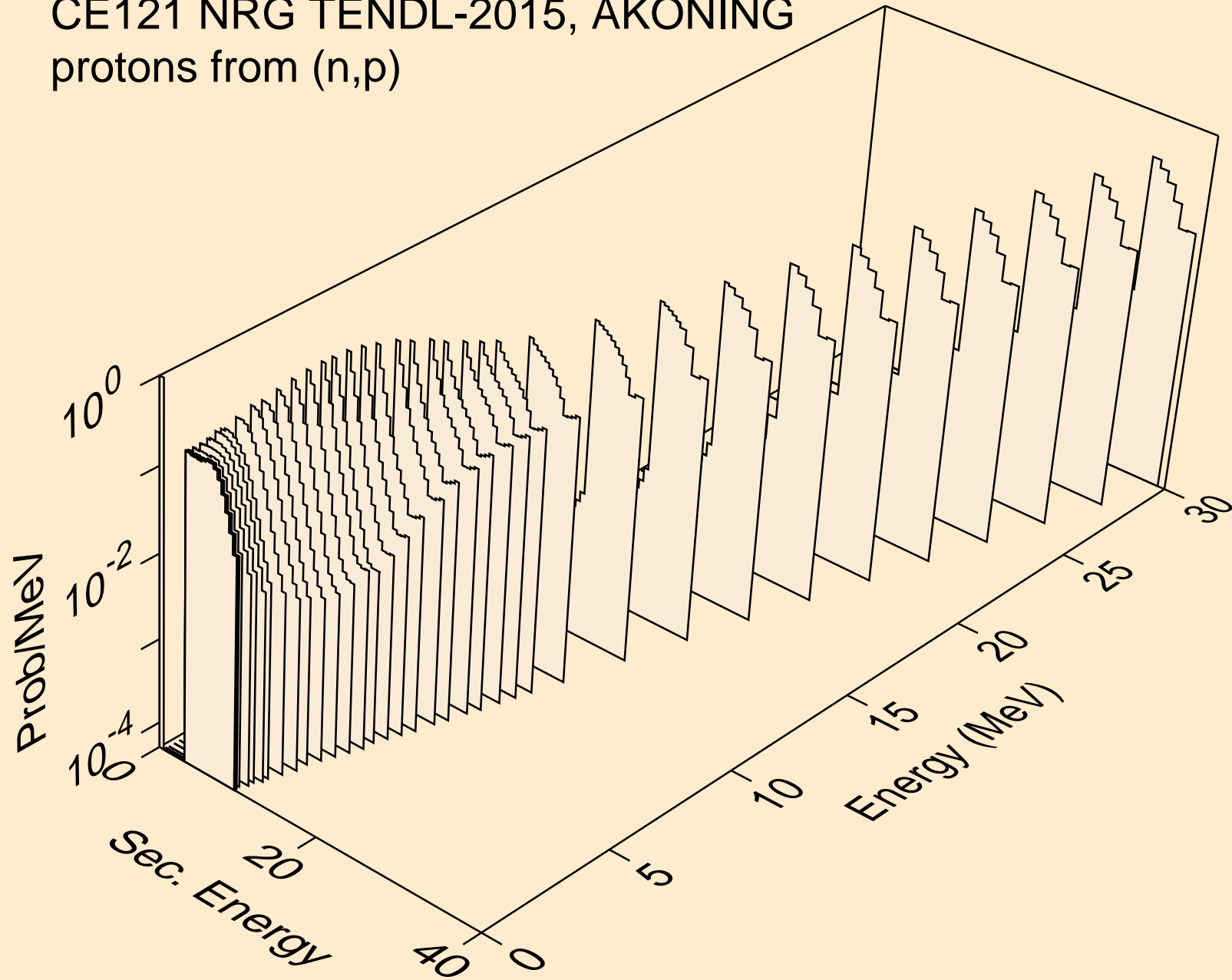
CE121 NRG TENDL-2015, AKONING  
protons from (n,2np)



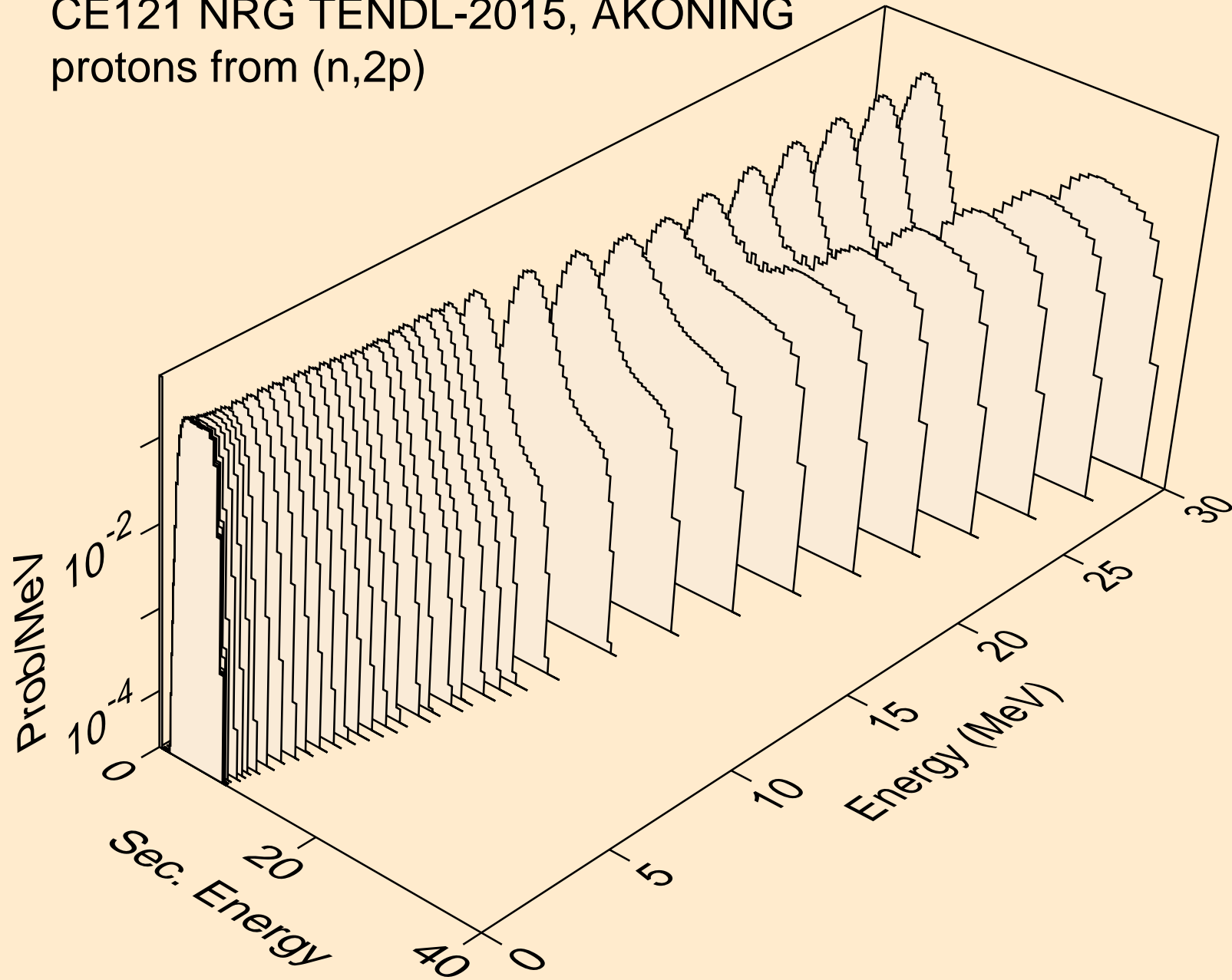
CE121 NRG TENDL-2015, AKONING  
protons from (n,npa)



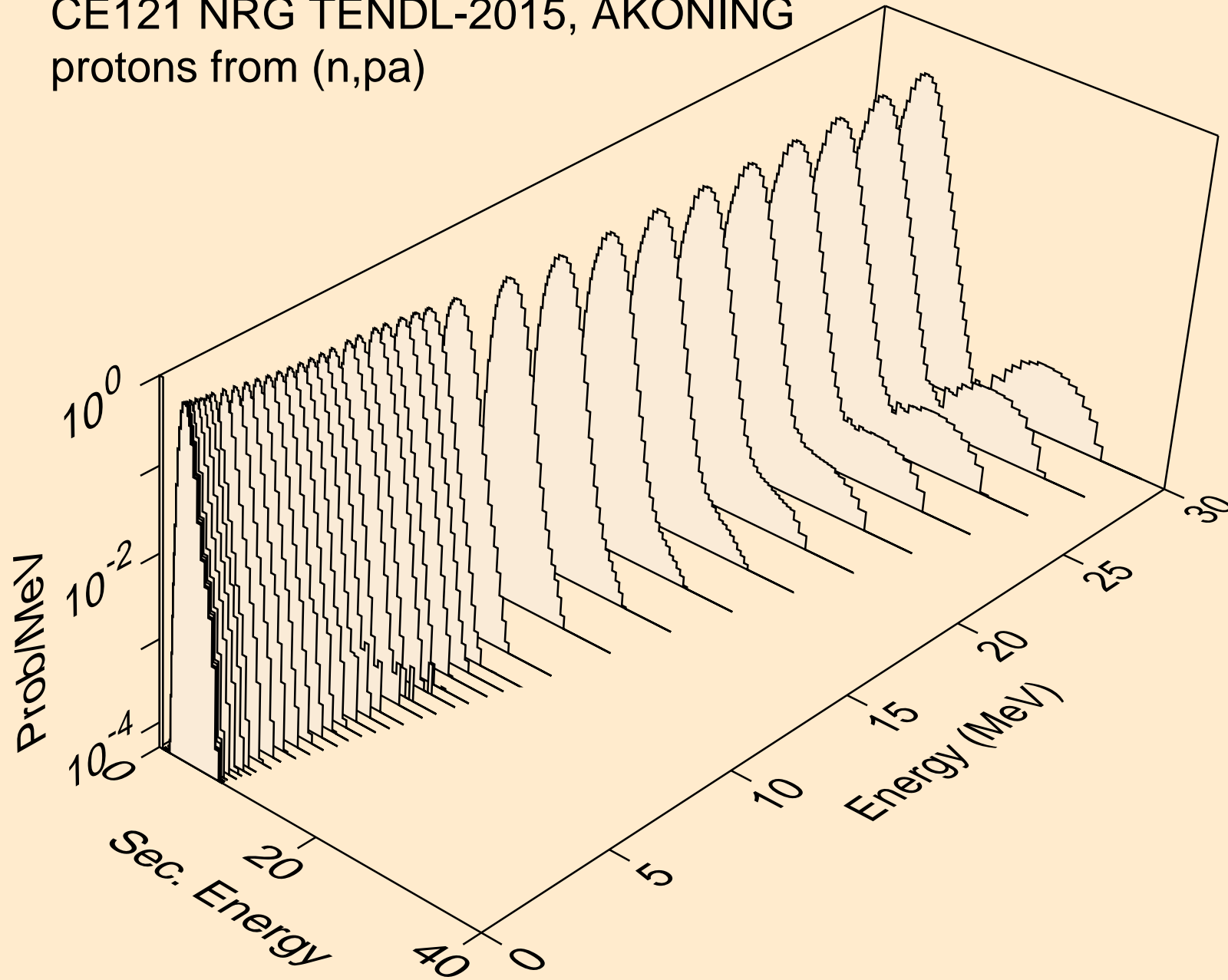
CE121 NRG TENDL-2015, AKONING  
protons from (n,p)



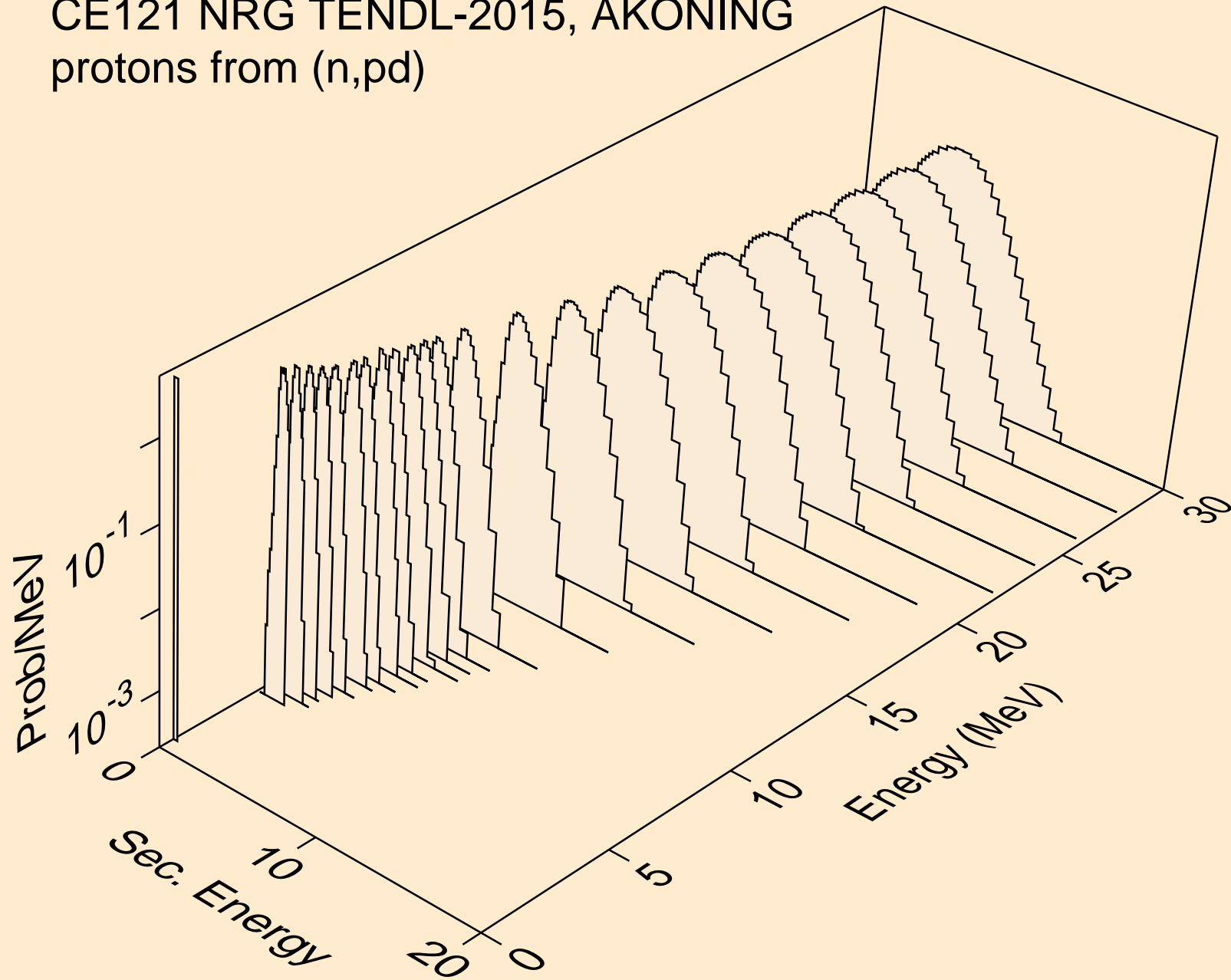
CE121 NRG TENDL-2015, AKONING  
protons from (n,2p)



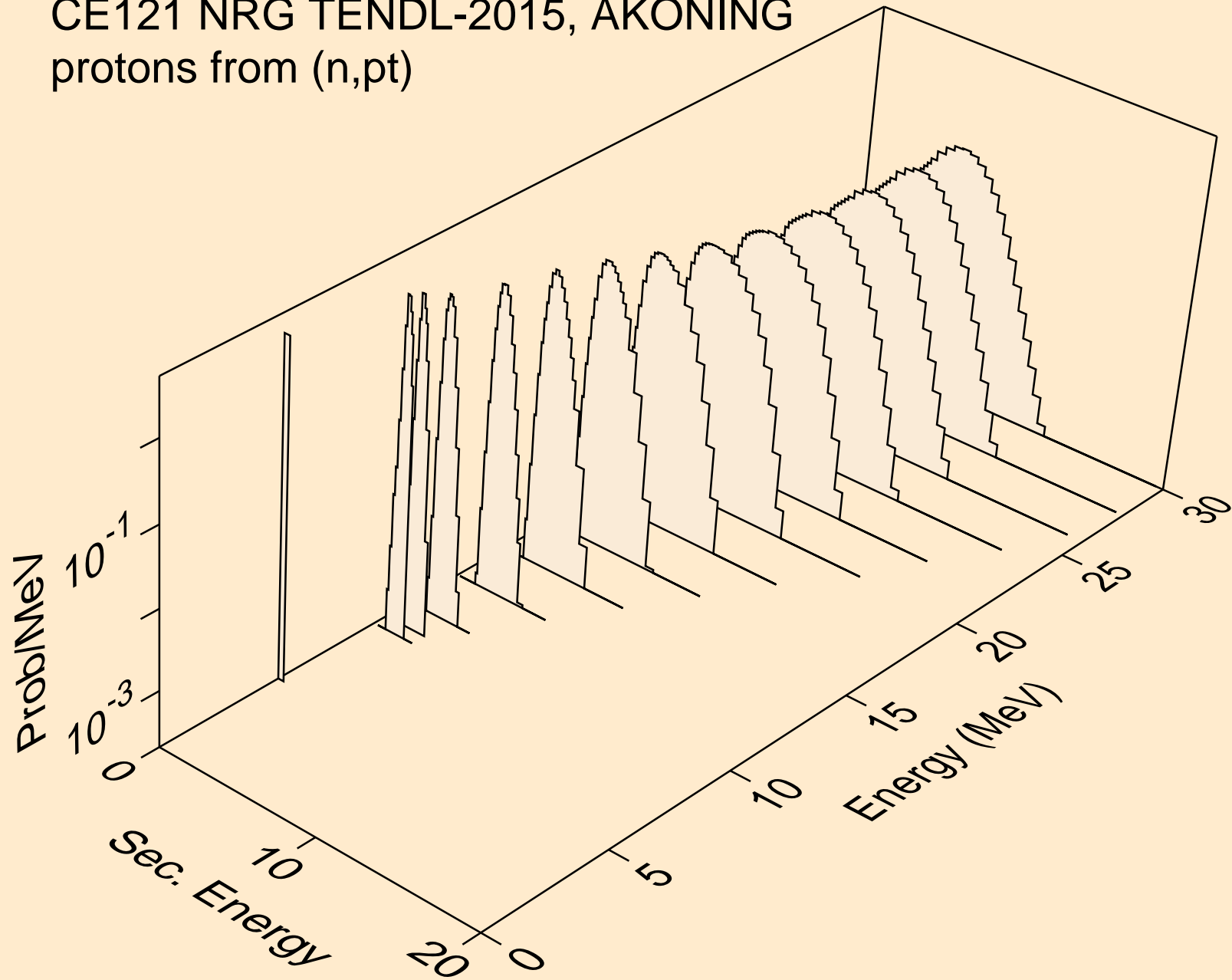
CE121 NRG TENDL-2015, AKONING  
protons from (n,pa)



CE121 NRG TENDL-2015, AKONING  
protons from (n,pd)

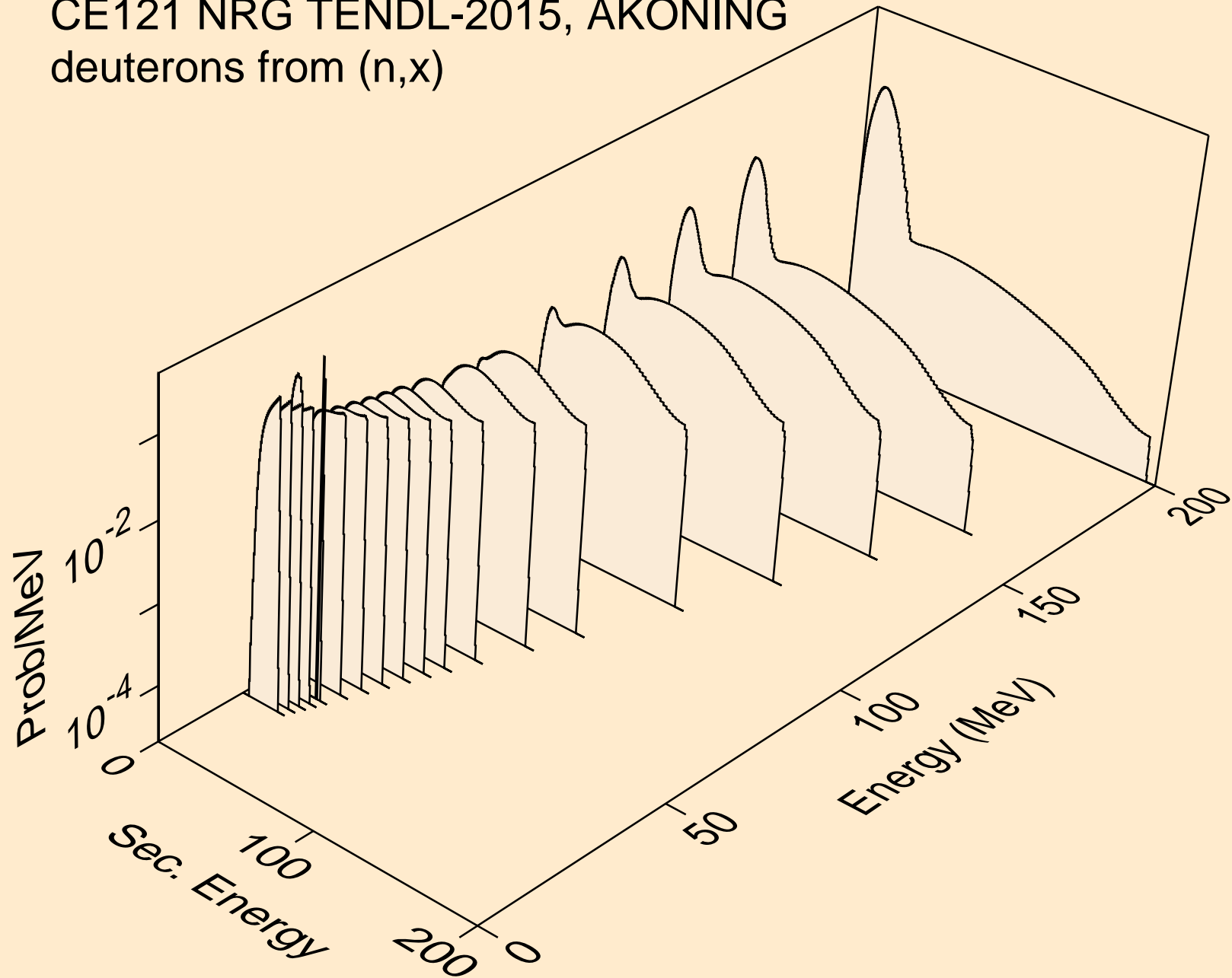


CE121 NRG TENDL-2015, AKONING  
protons from (n,pt)

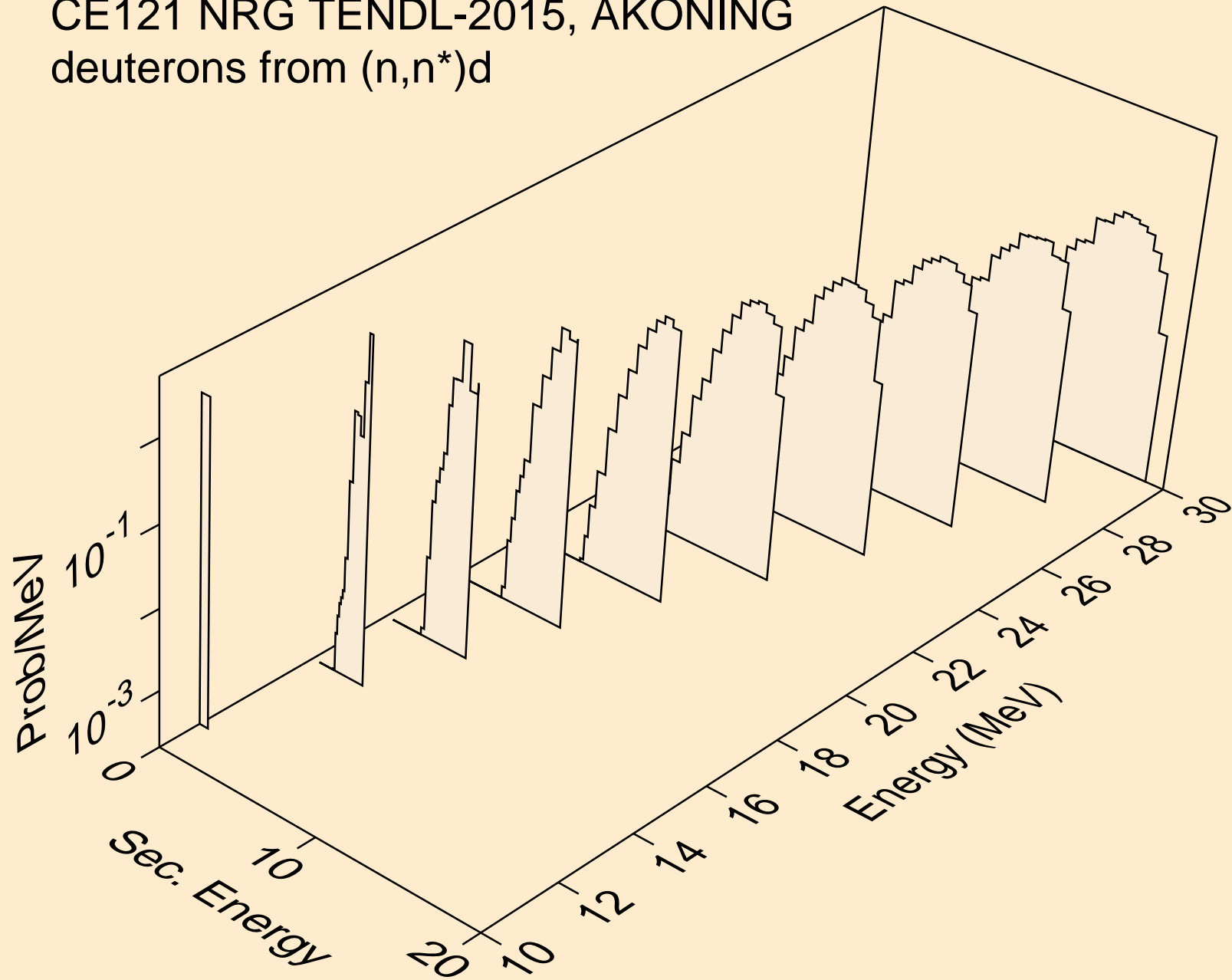




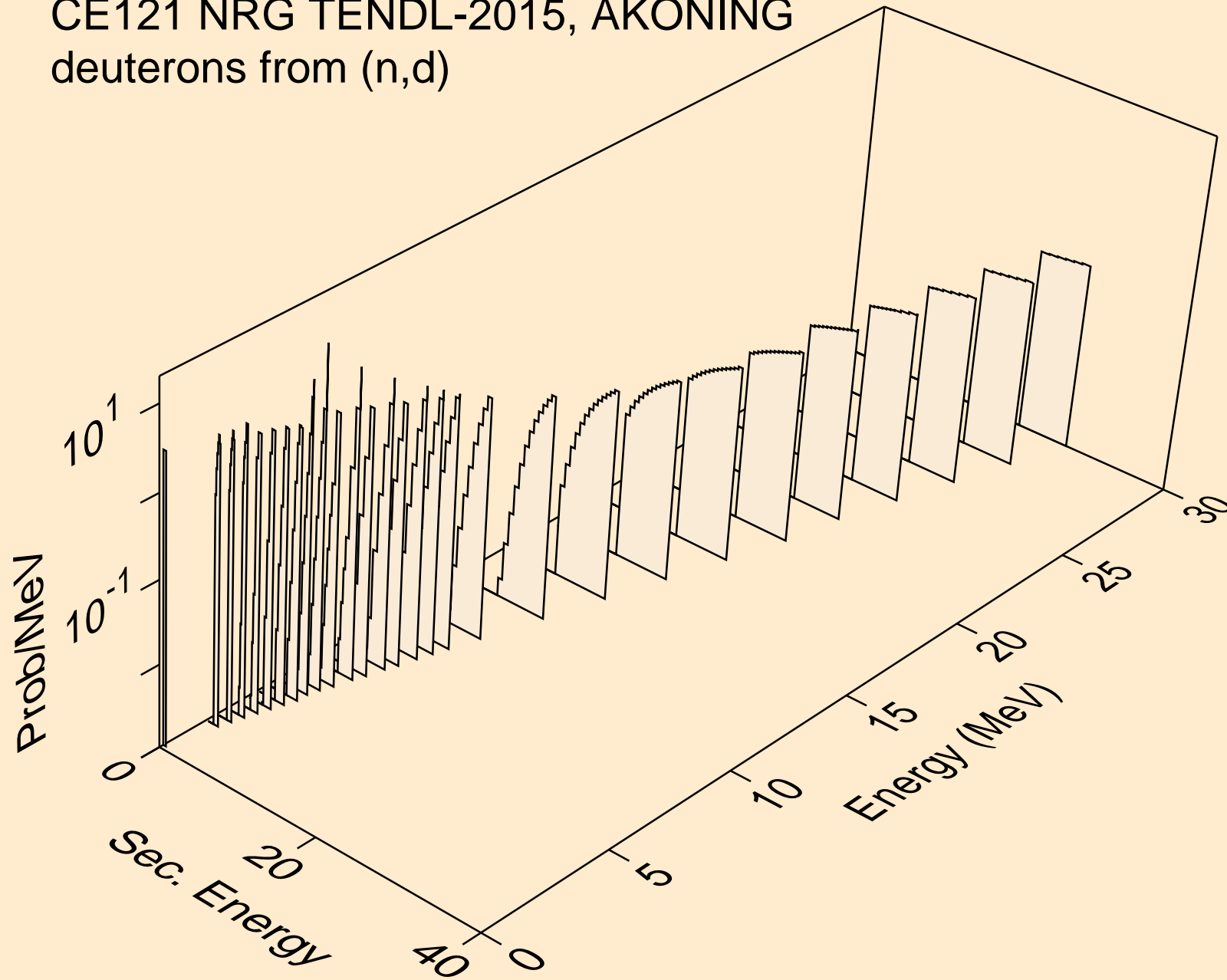
CE121 NRG TENDL-2015, AKONING  
deuterons from (n,x)



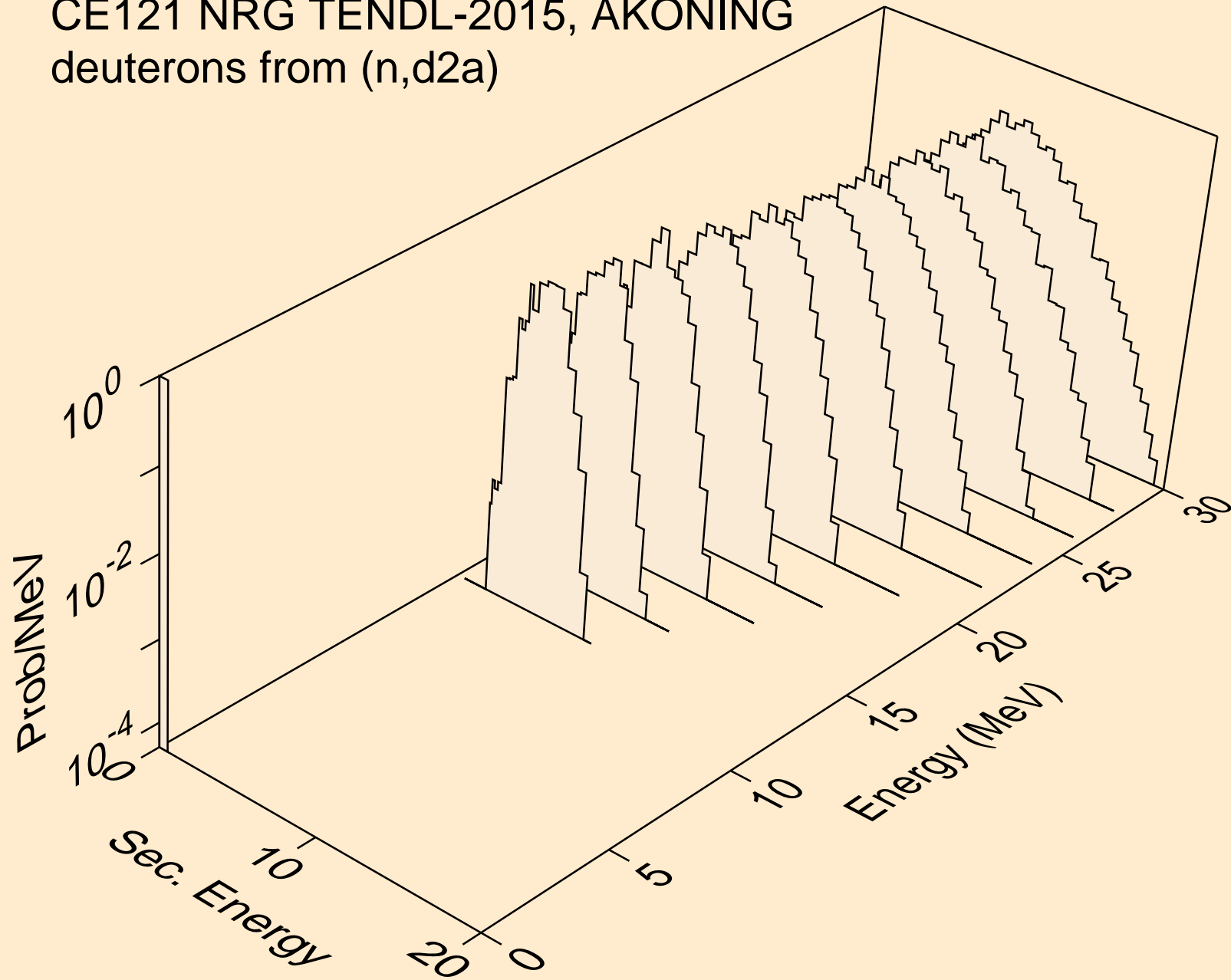
CE121 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



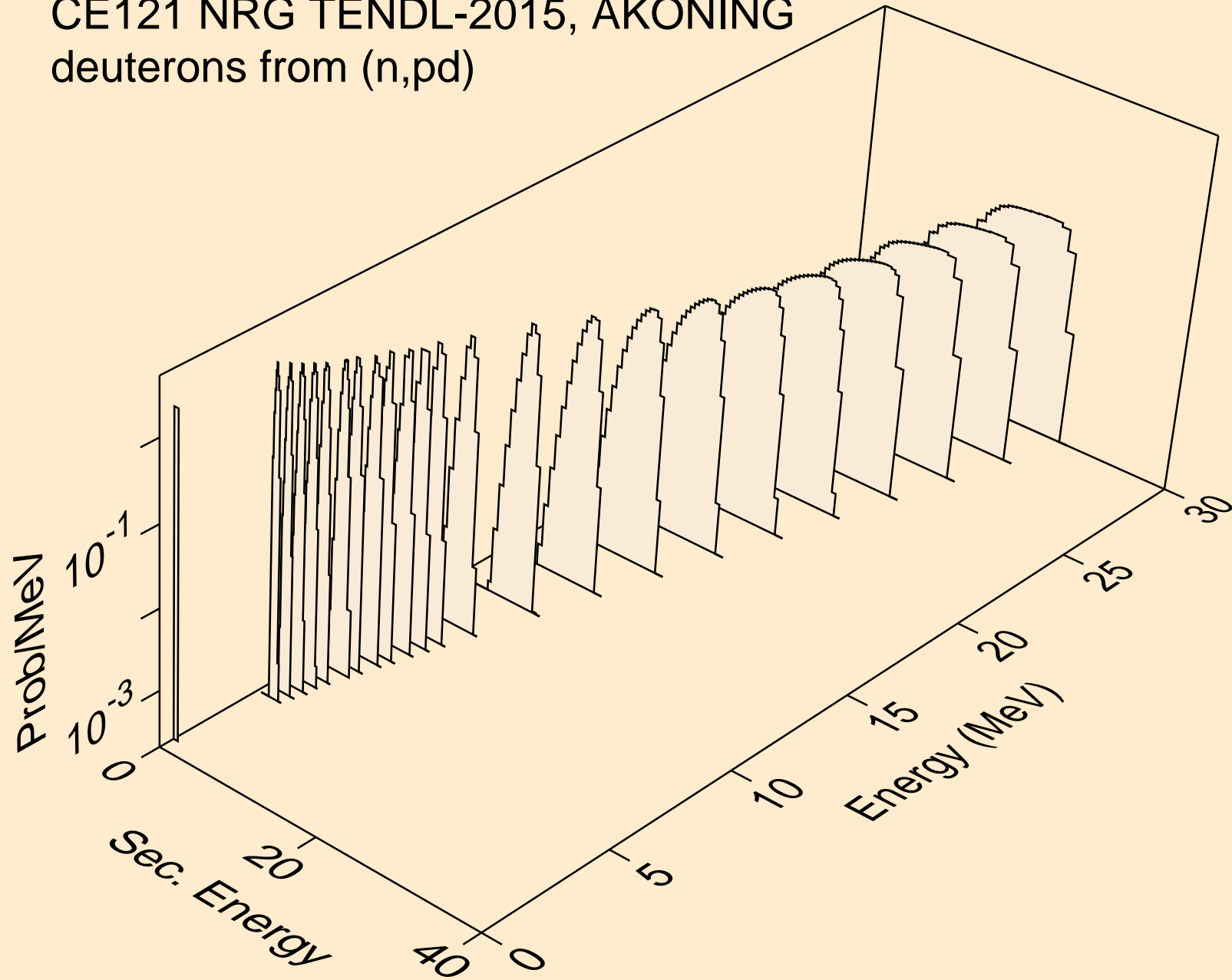
CE121 NRG TENDL-2015, AKONING  
deuterons from (n,d)



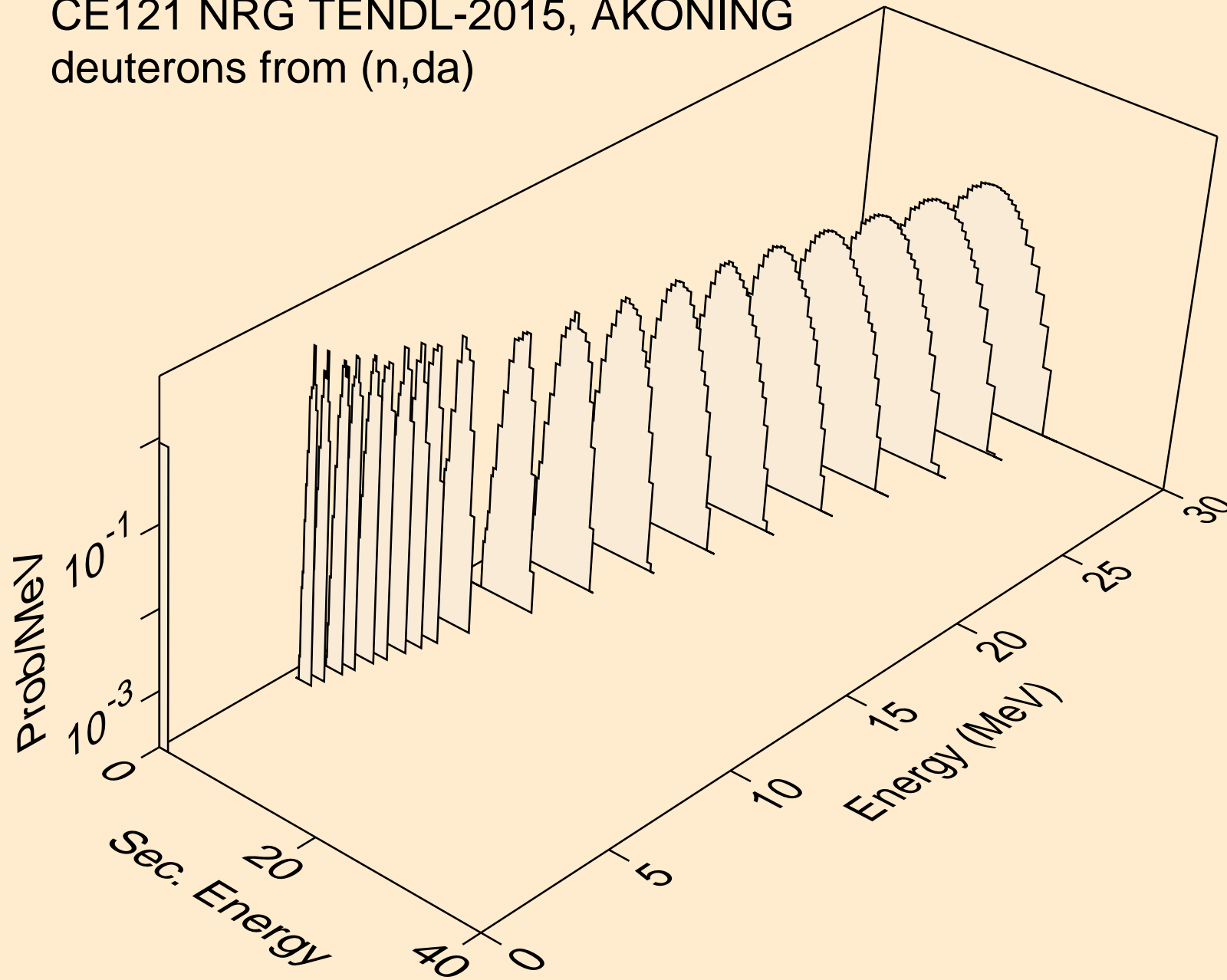
CE121 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



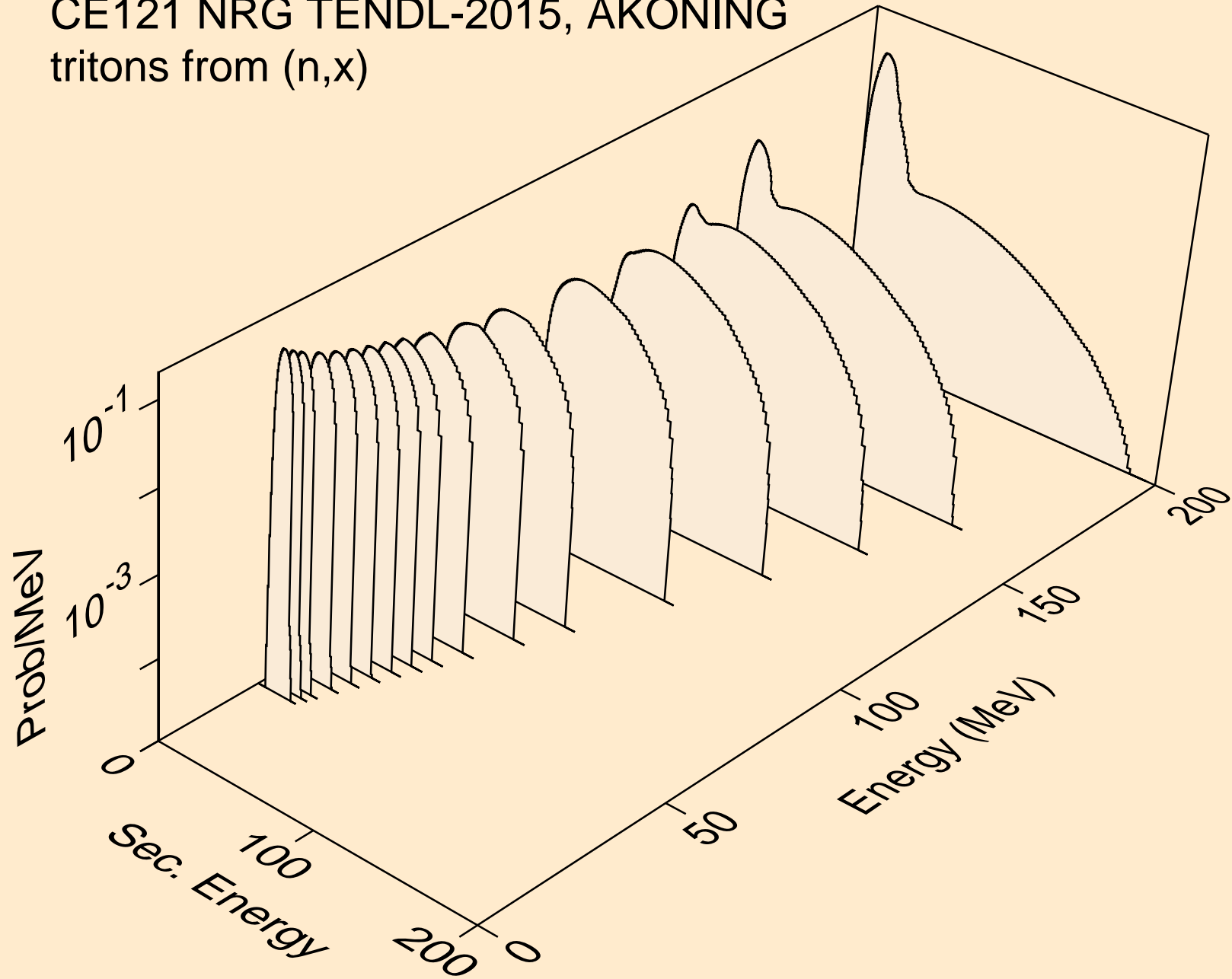
CE121 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



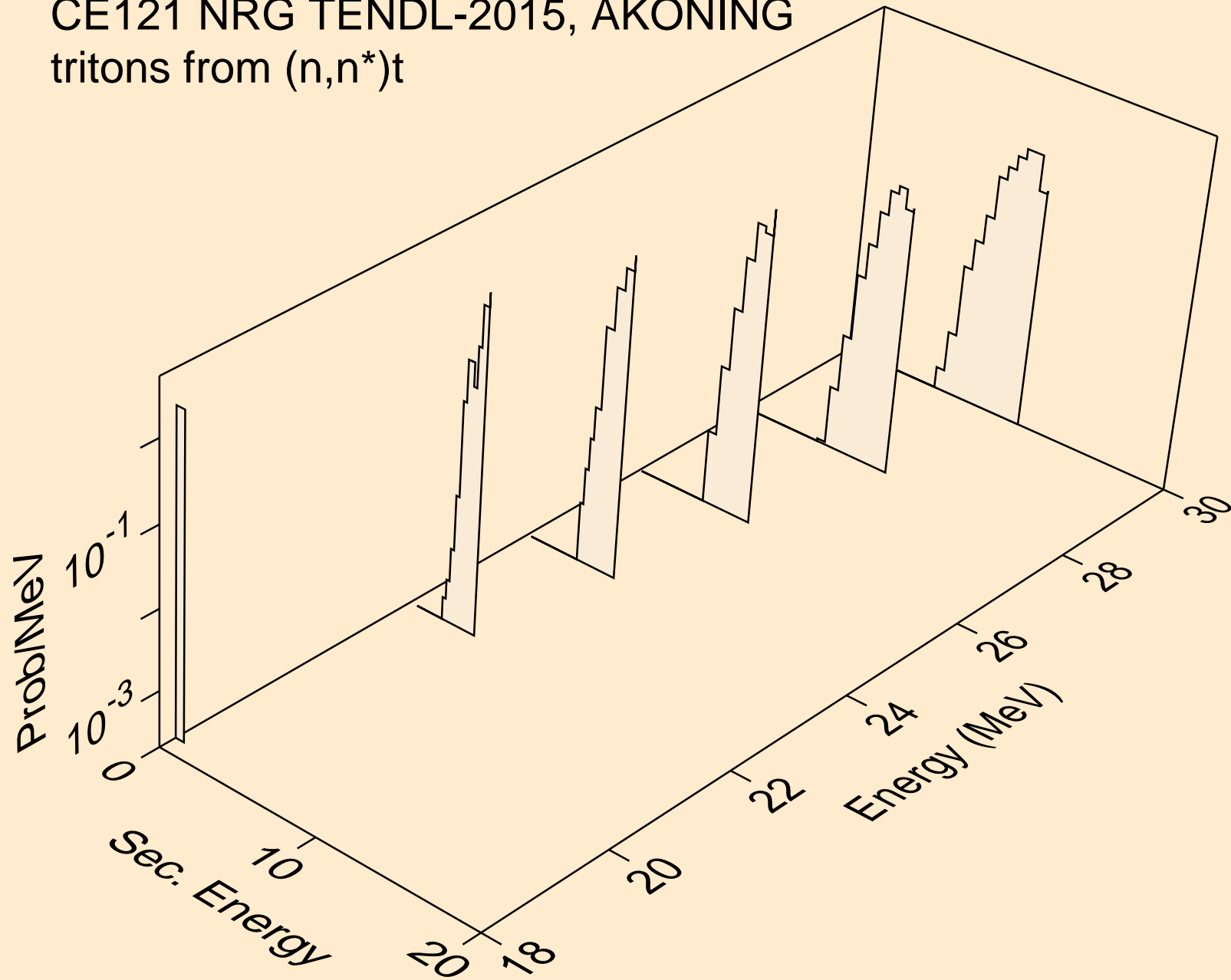
CE121 NRG TENDL-2015, AKONING  
deuterons from (n,da)



CE121 NRG TENDL-2015, AKONING  
tritons from (n,x)

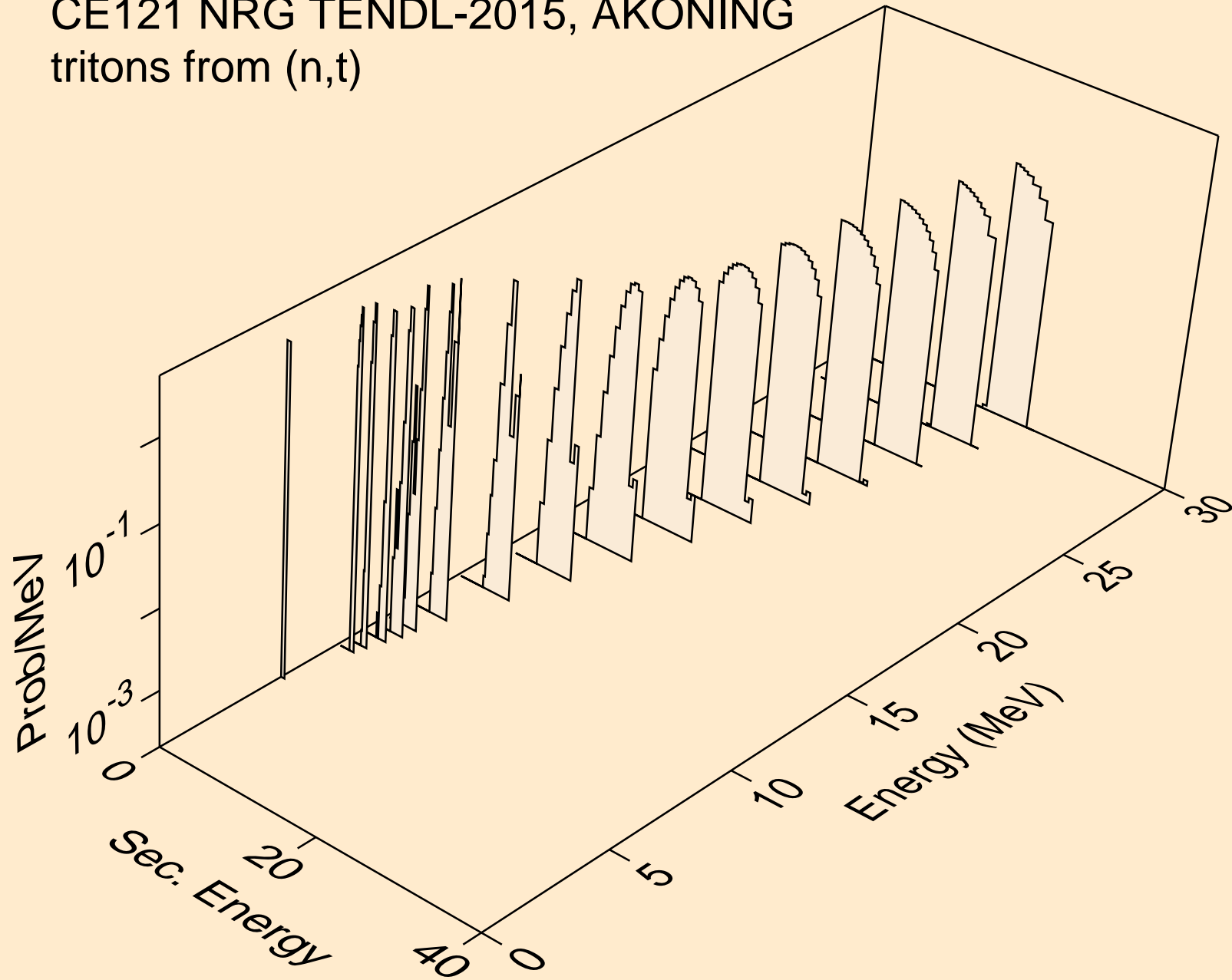


CE121 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

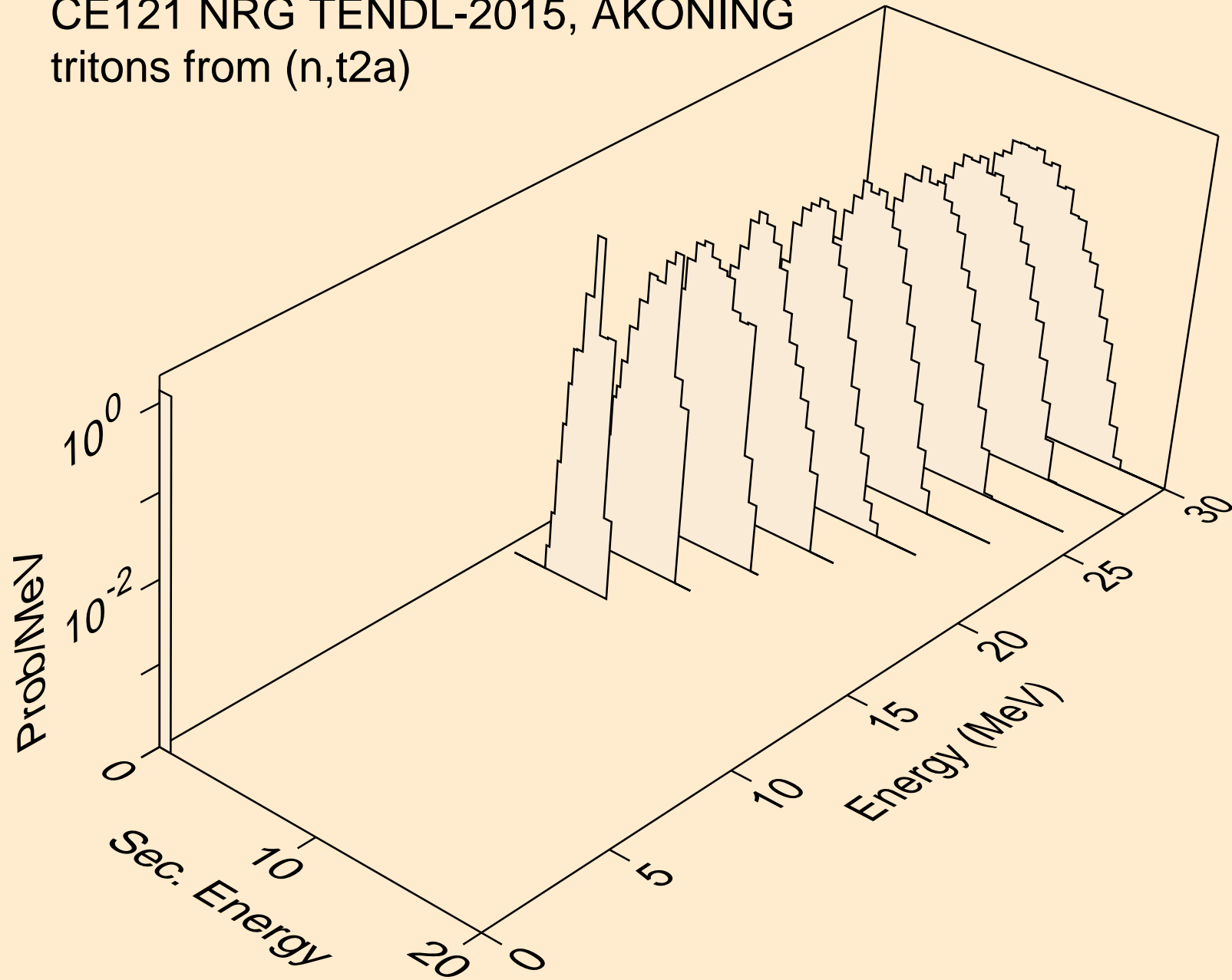




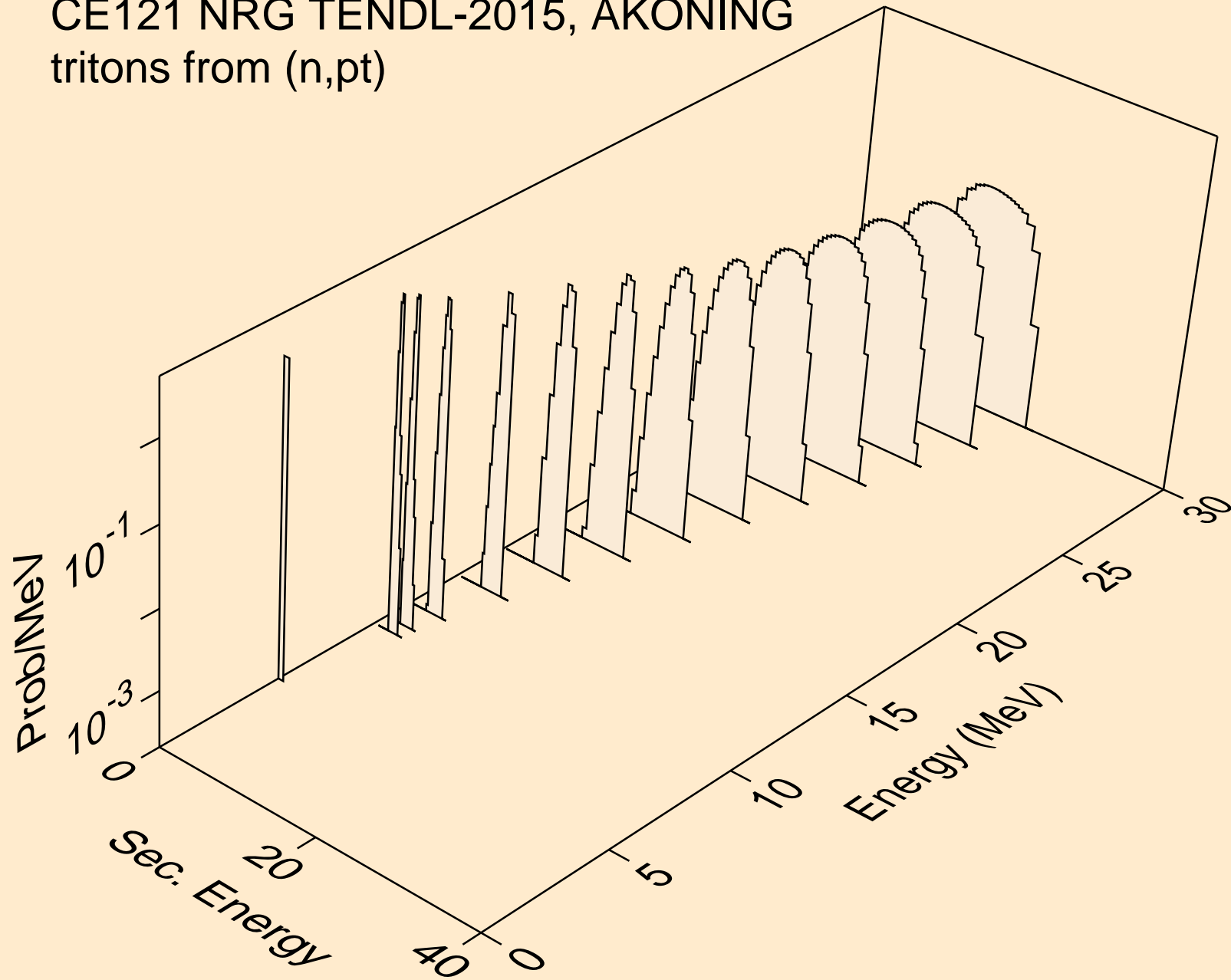
CE121 NRG TENDL-2015, AKONING  
tritons from (n,t)



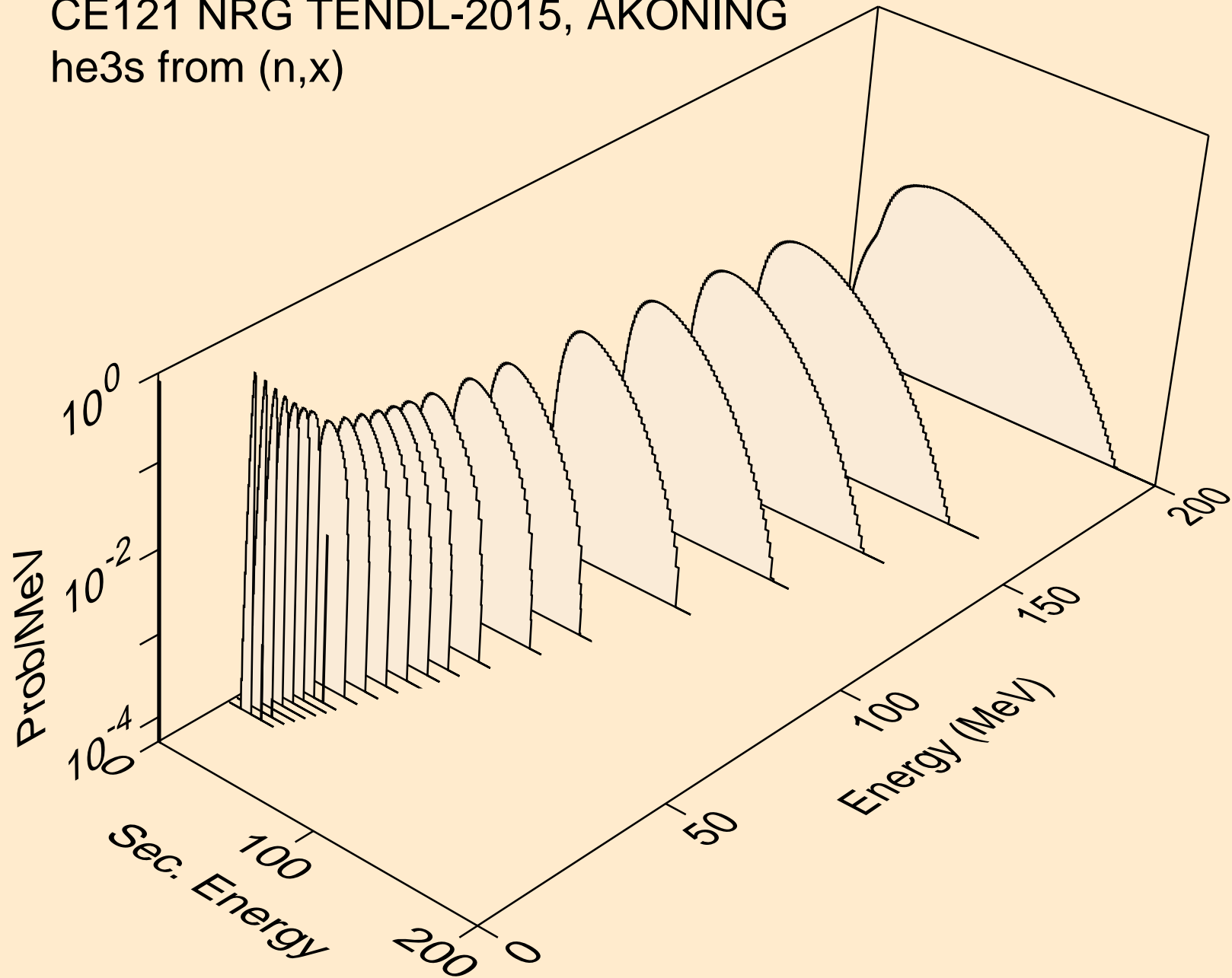
CE121 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



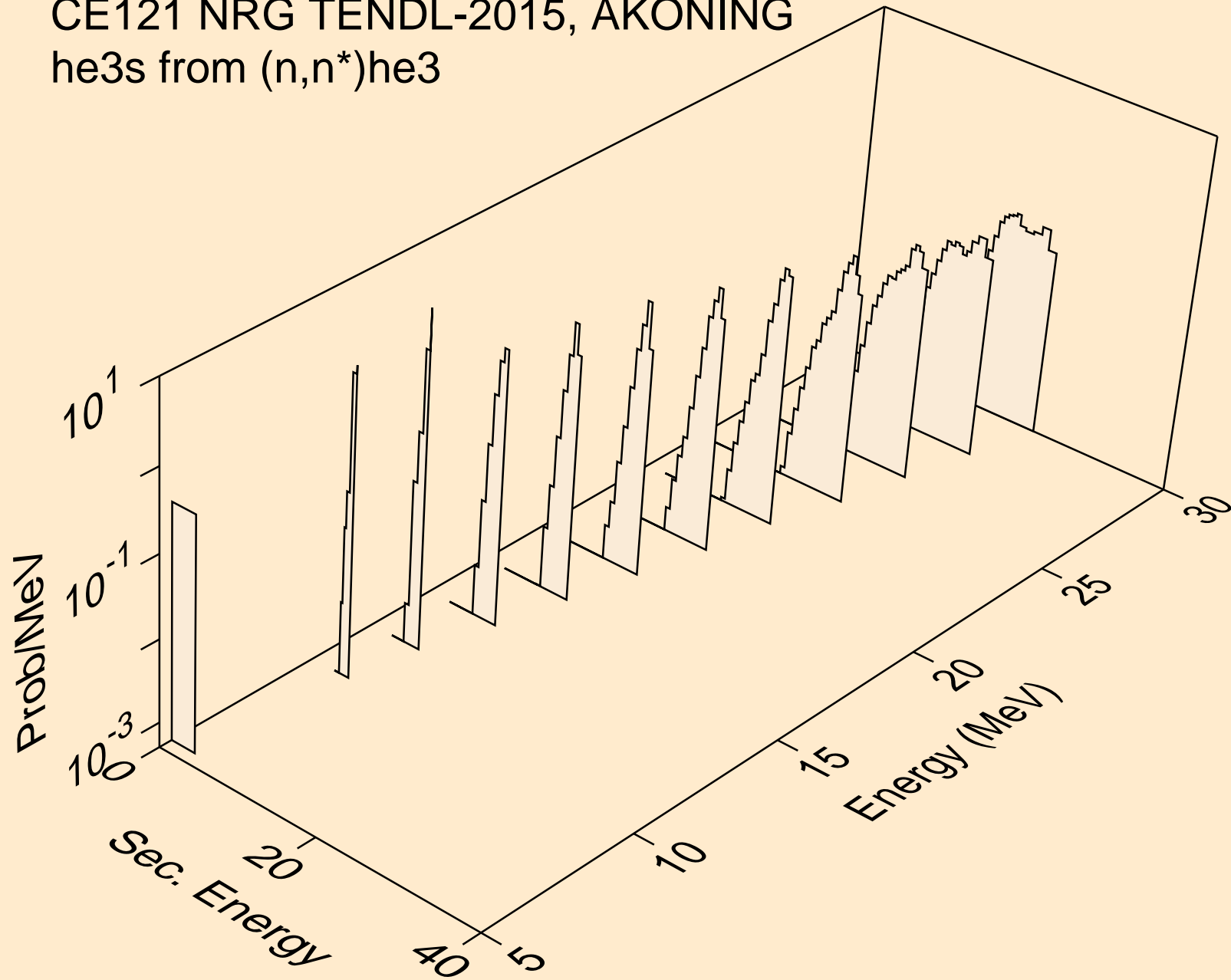
CE121 NRG TENDL-2015, AKONING  
tritons from (n,pt)



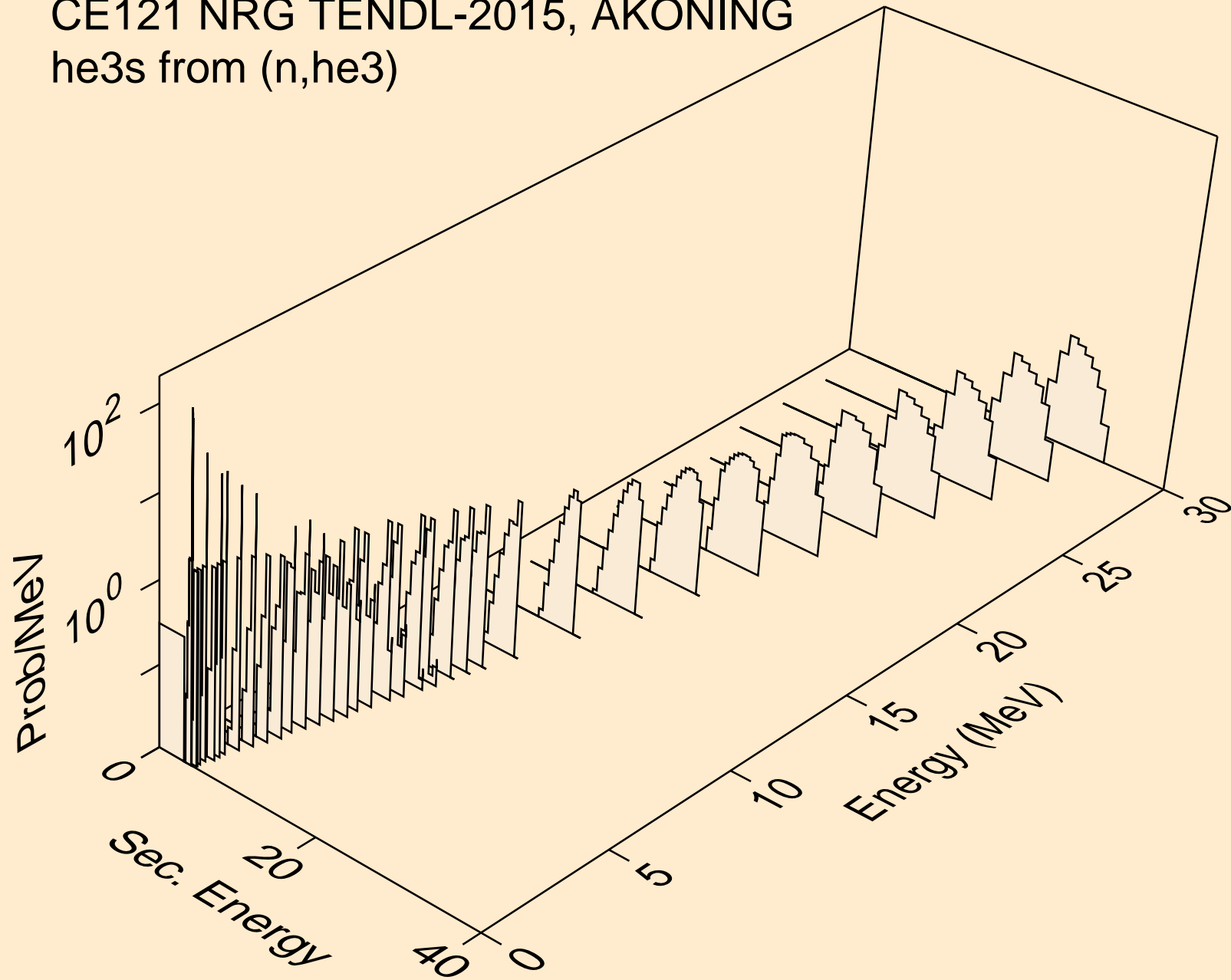
CE121 NRG TENDL-2015, AKONING  
he3s from (n,x)



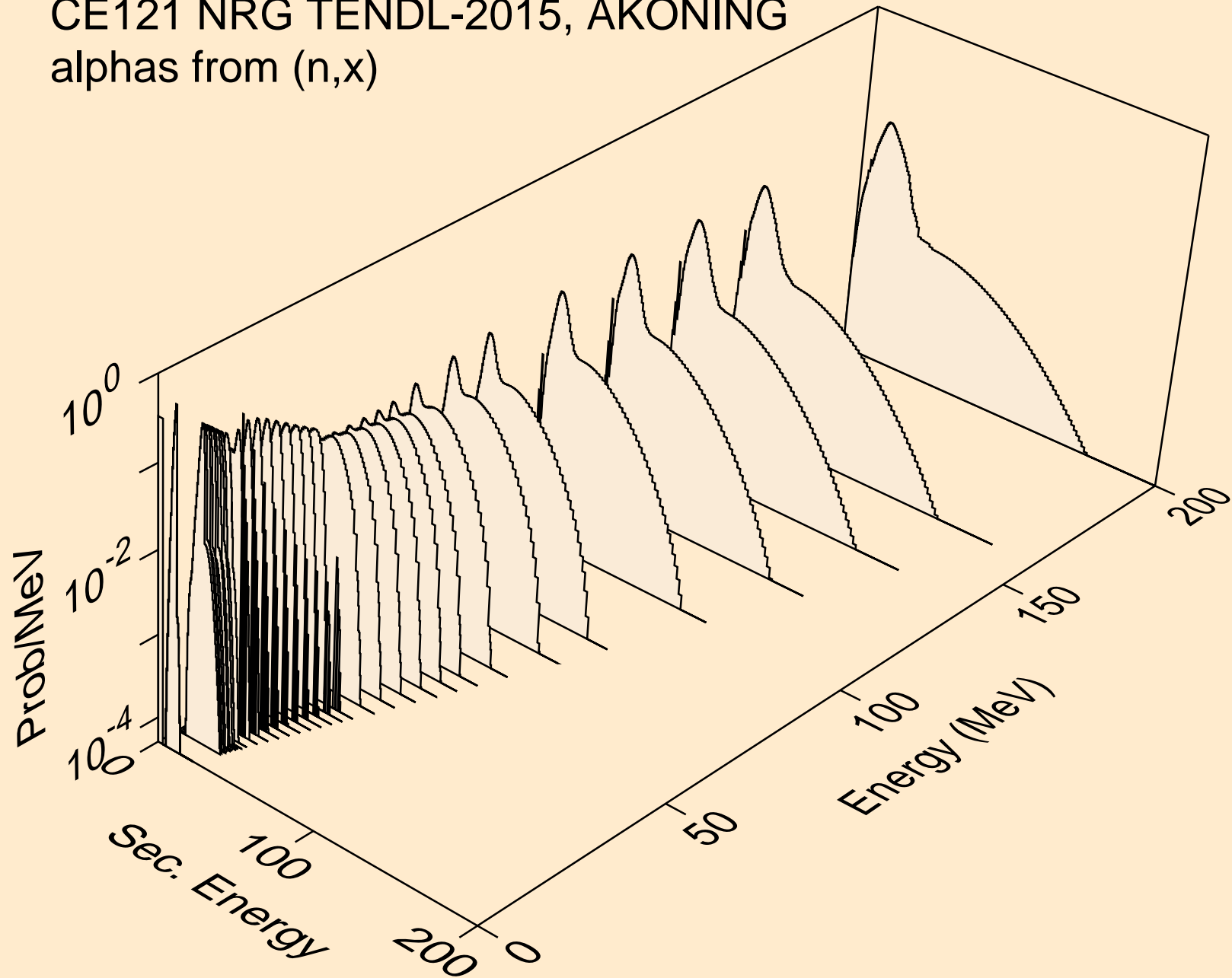
CE121 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



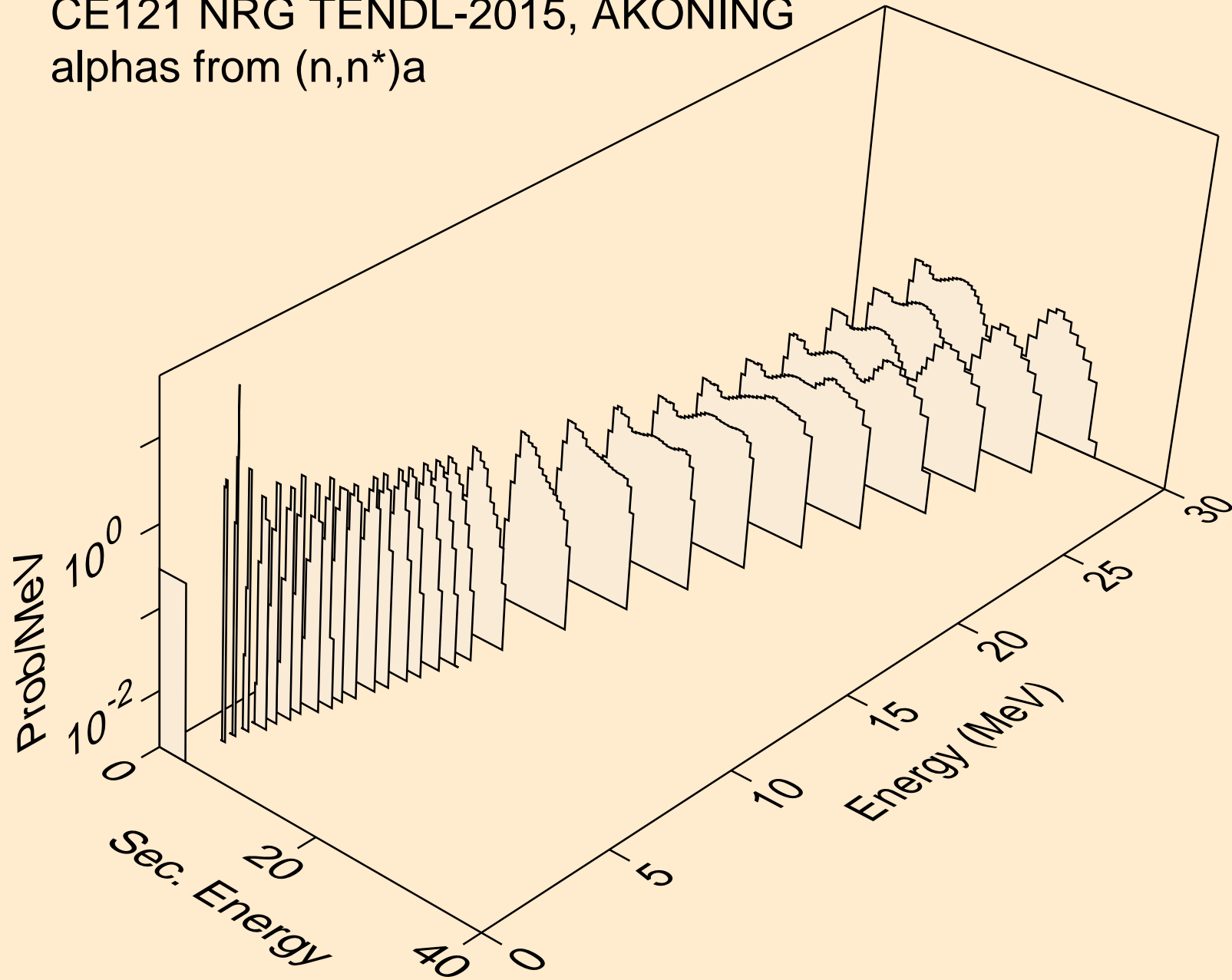
CE121 NRG TENDL-2015, AKONING  
he3s from (n,he3)



CE121 NRG TENDL-2015, AKONING  
alphas from (n,x)

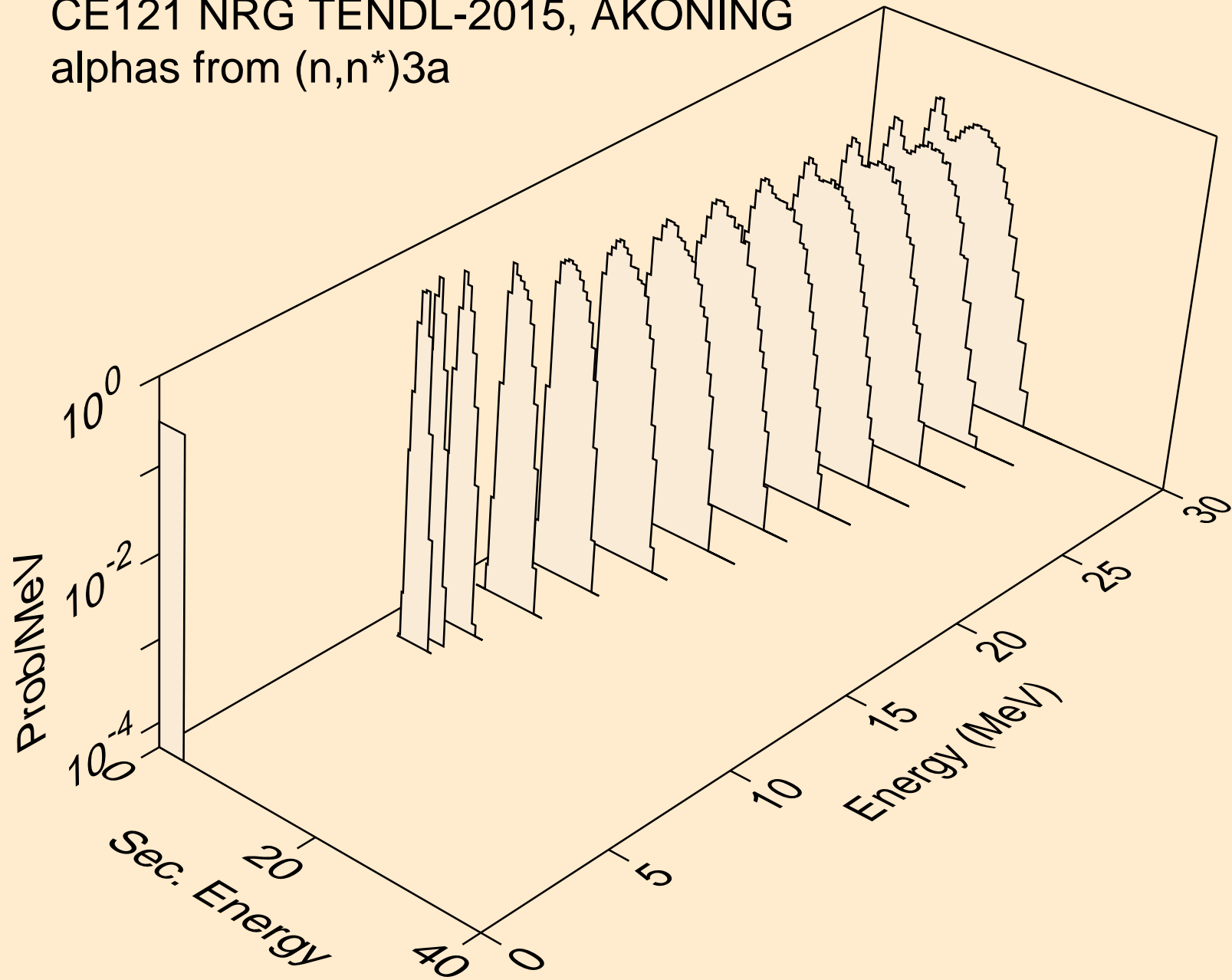


CE121 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

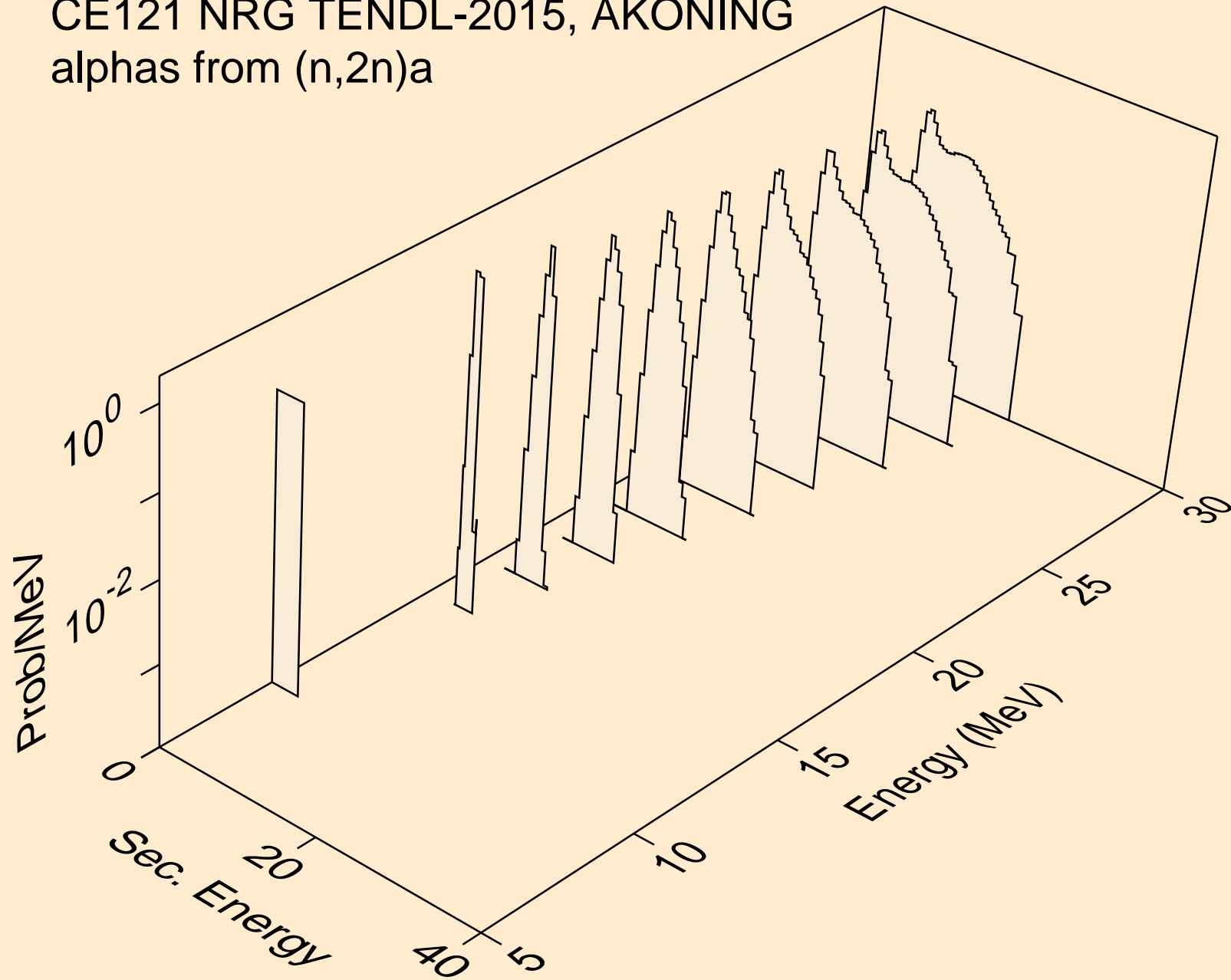




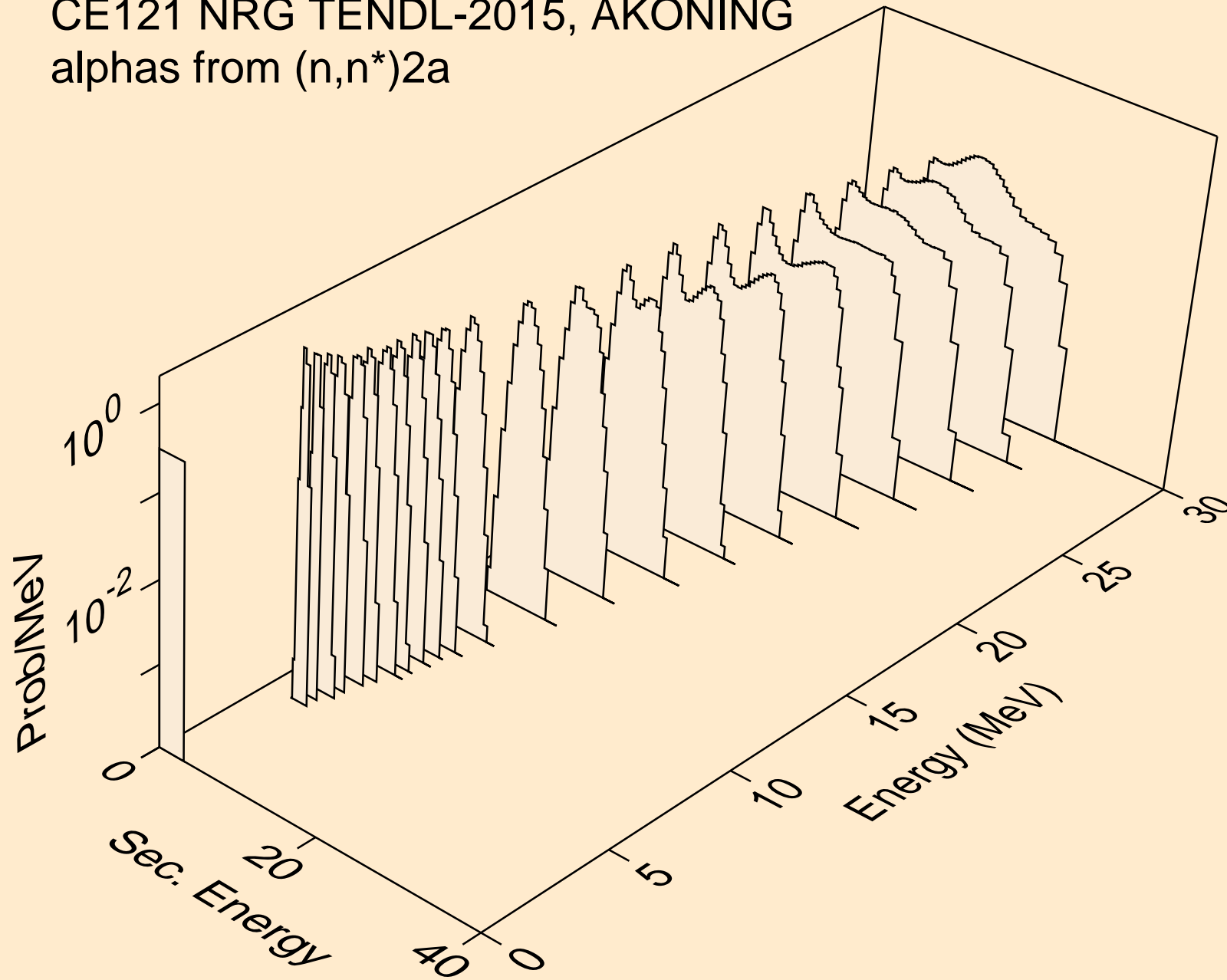
CE121 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



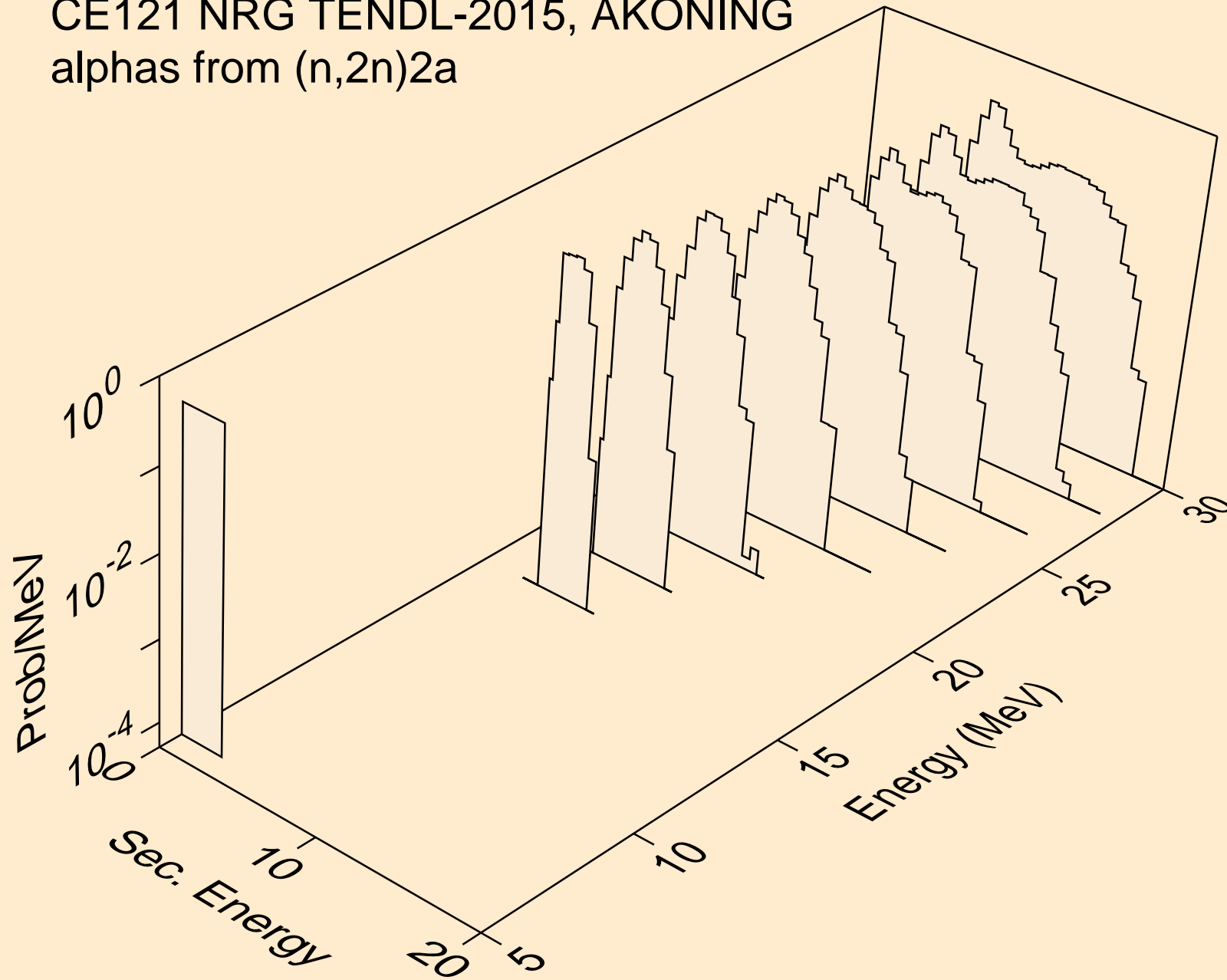
CE121 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



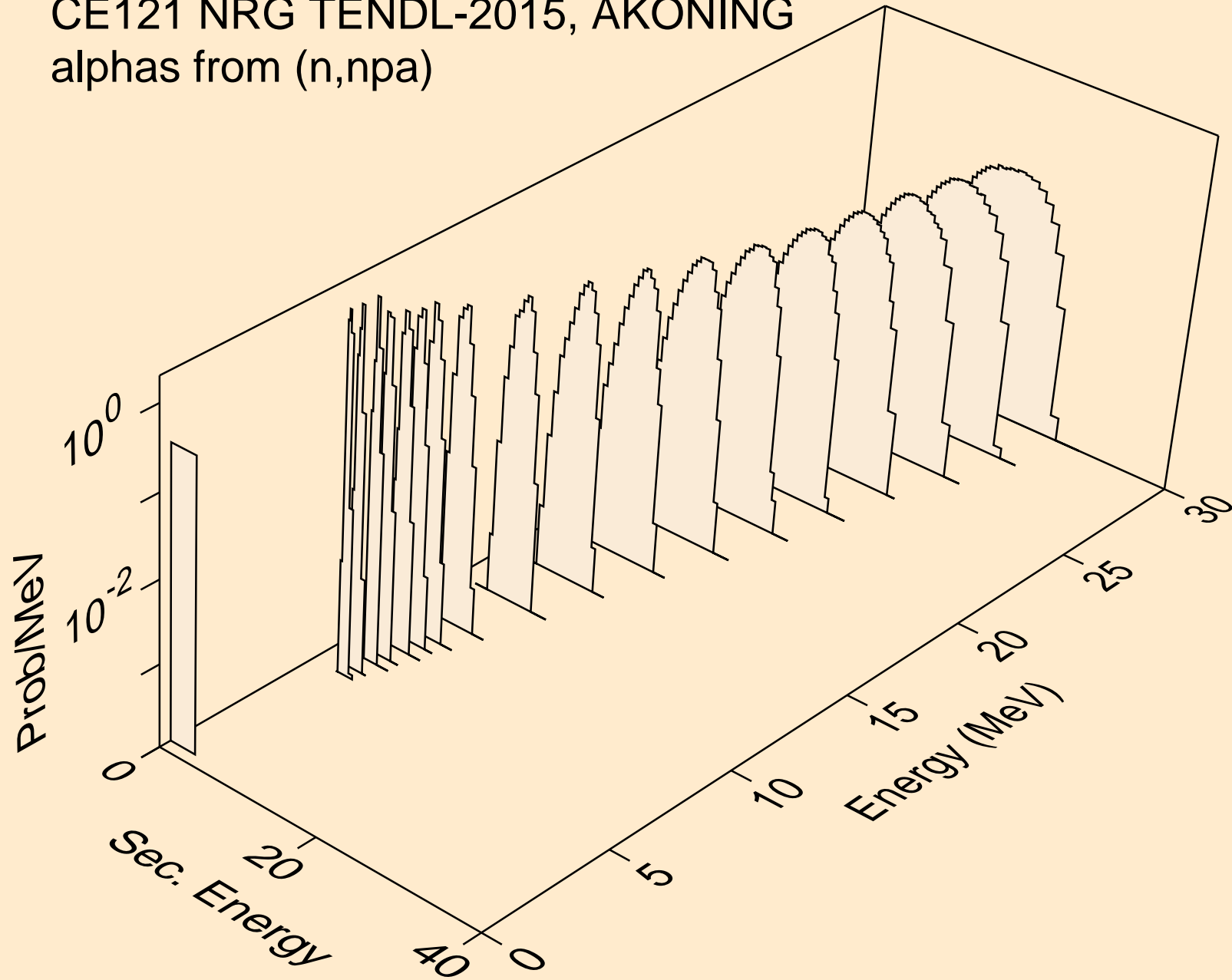
CE121 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



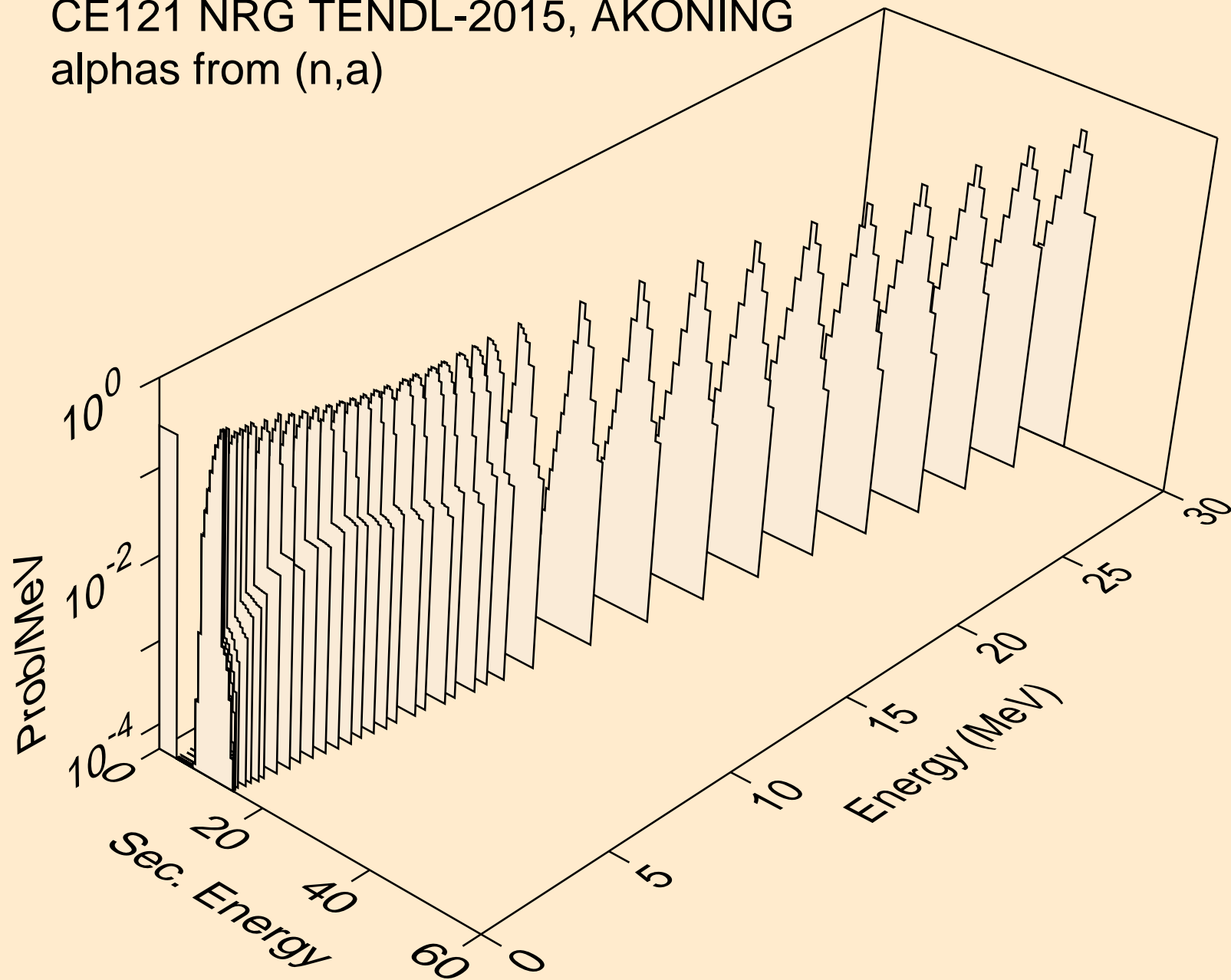
CE121 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



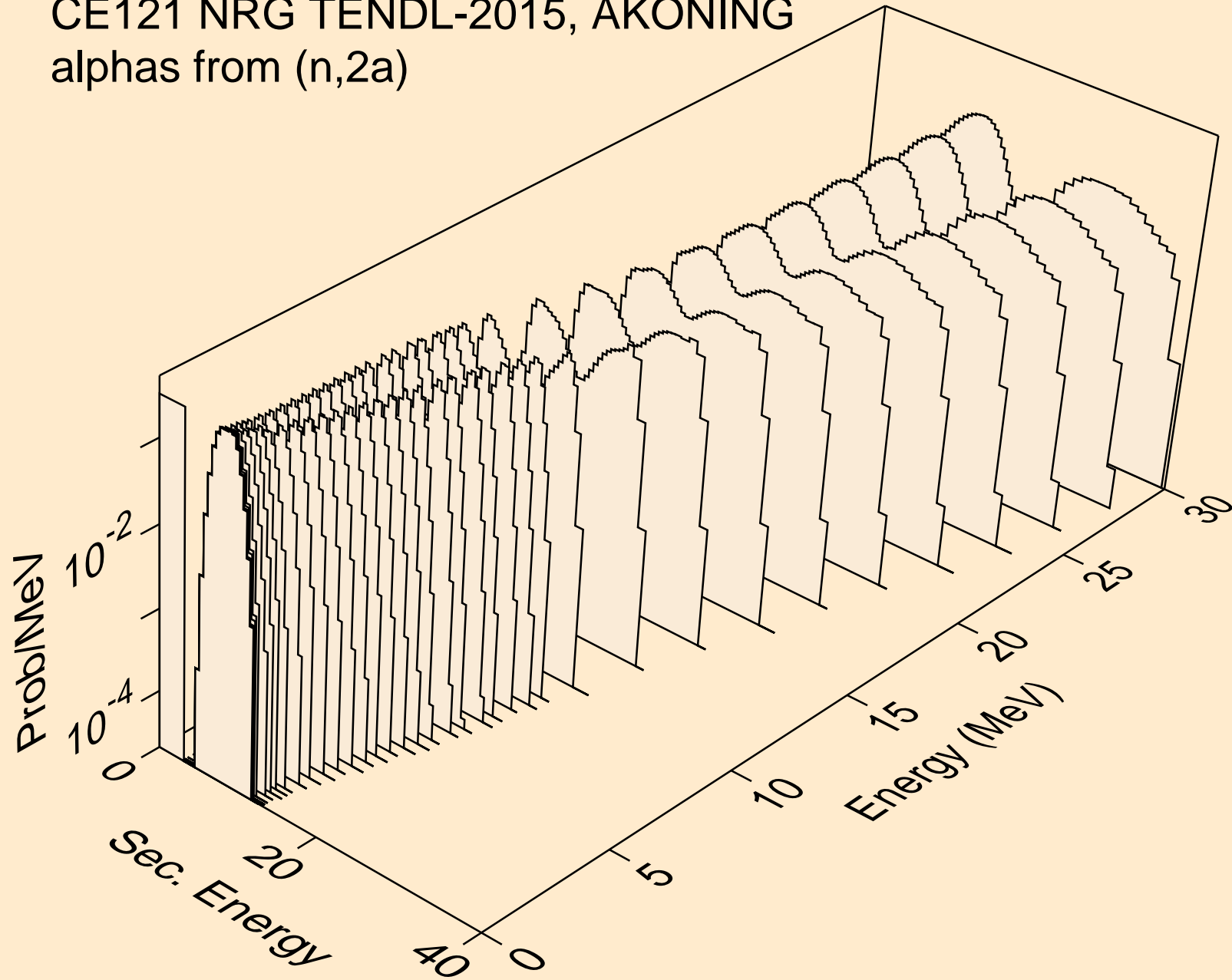
CE121 NRG TENDL-2015, AKONING  
alphas from (n,npa)



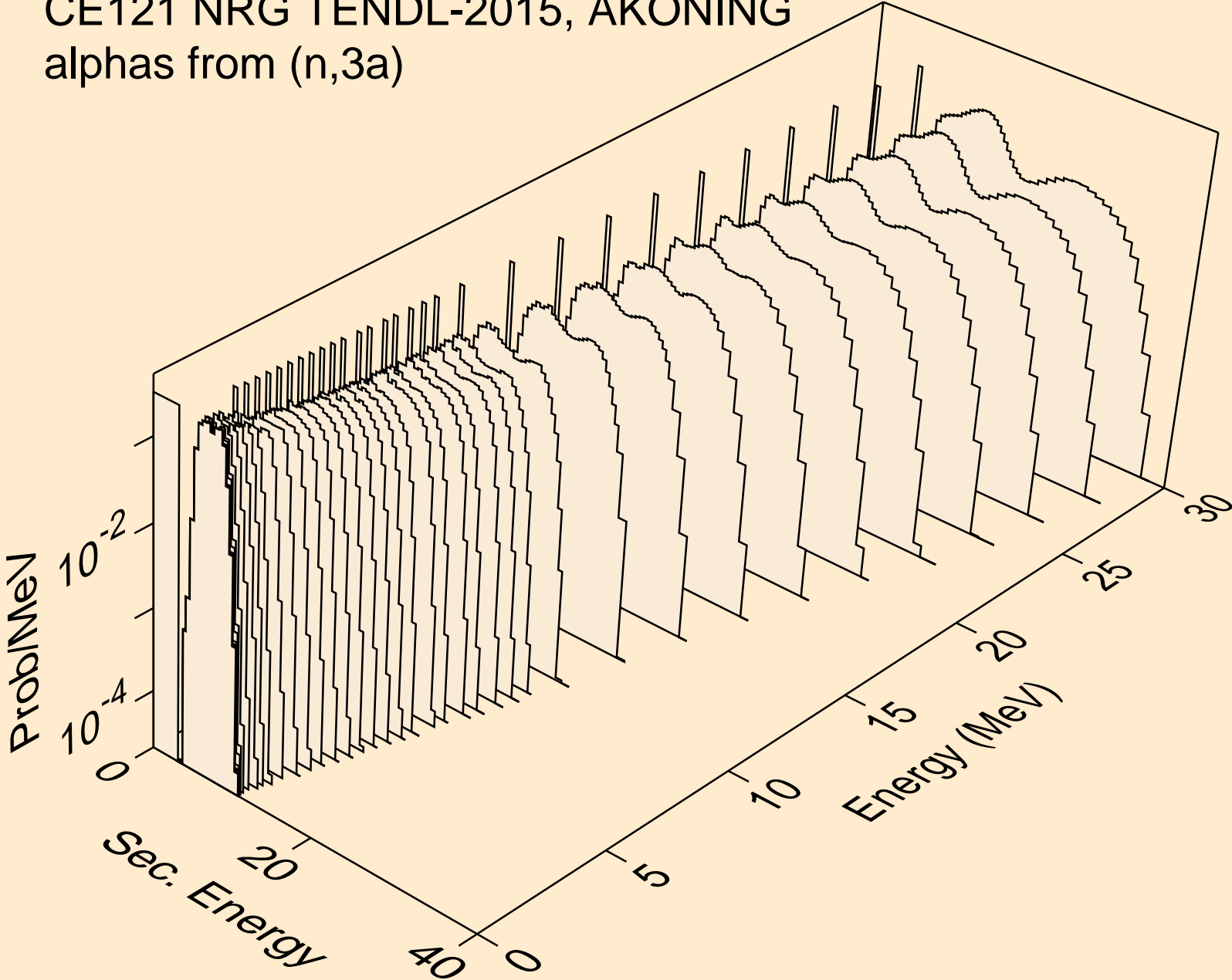
CE121 NRG TENDL-2015, AKONING  
alphas from (n,a)



CE121 NRG TENDL-2015, AKONING  
alphas from (n,2a)

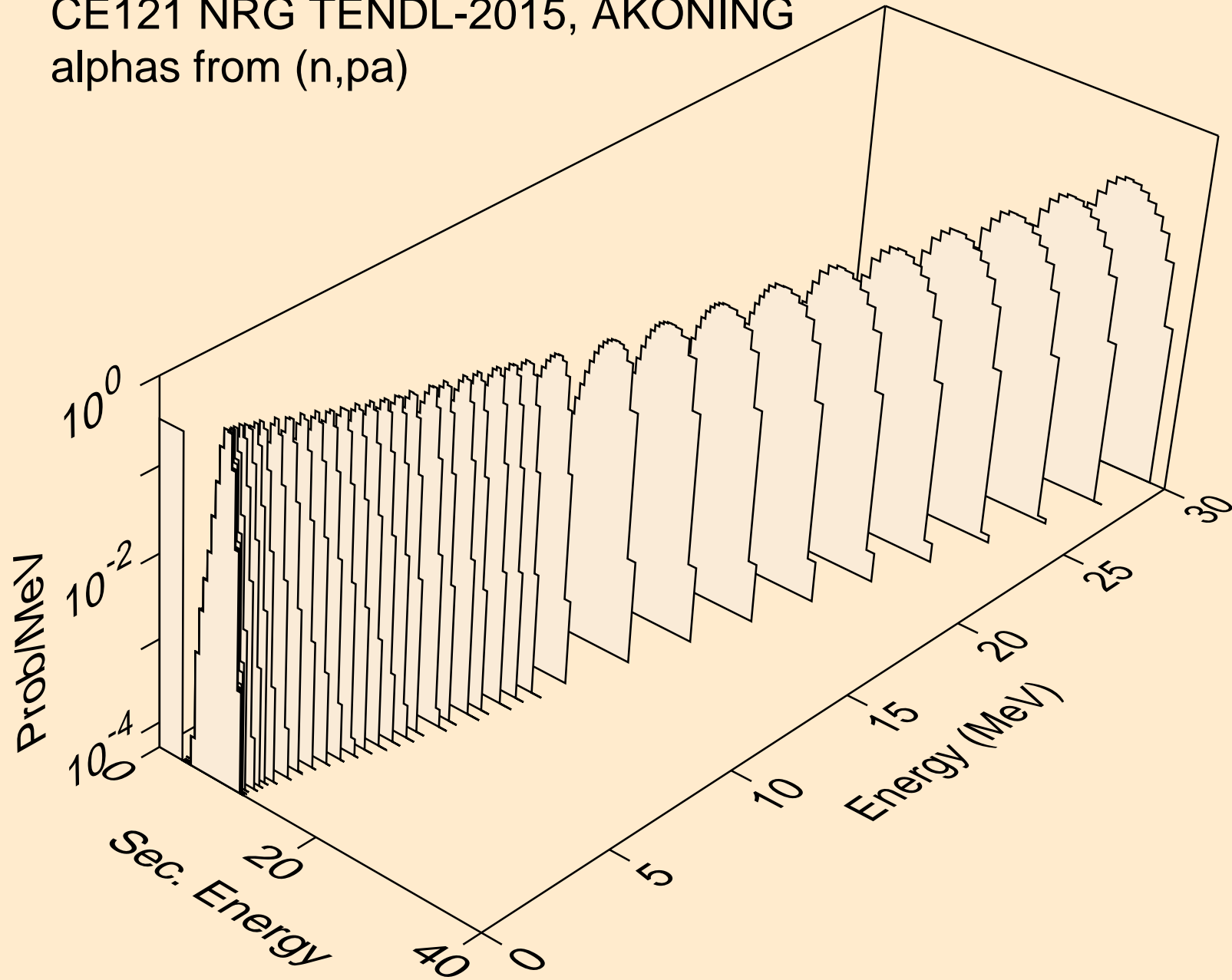


CE121 NRG TENDL-2015, AKONING  
alphas from (n,3a)

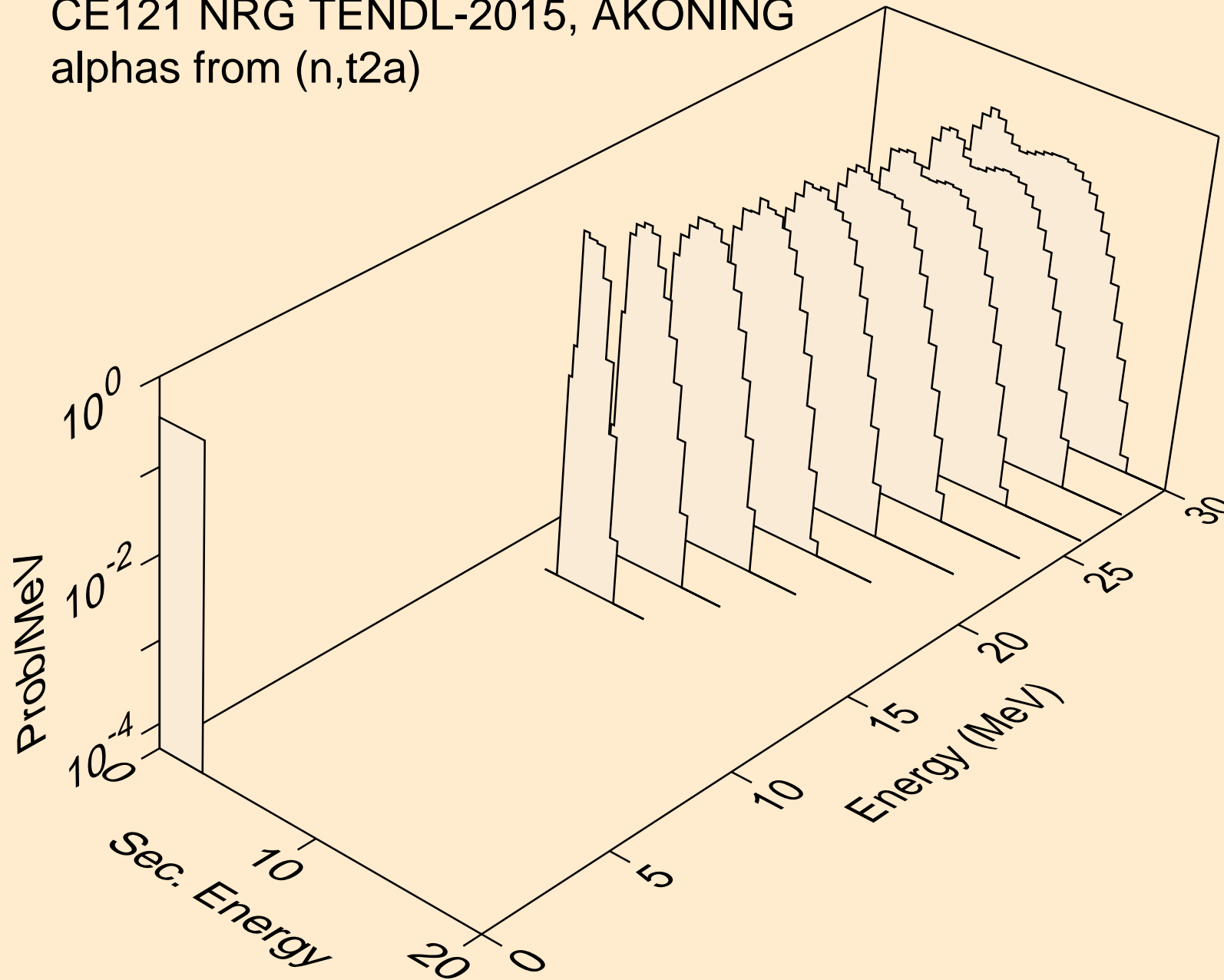




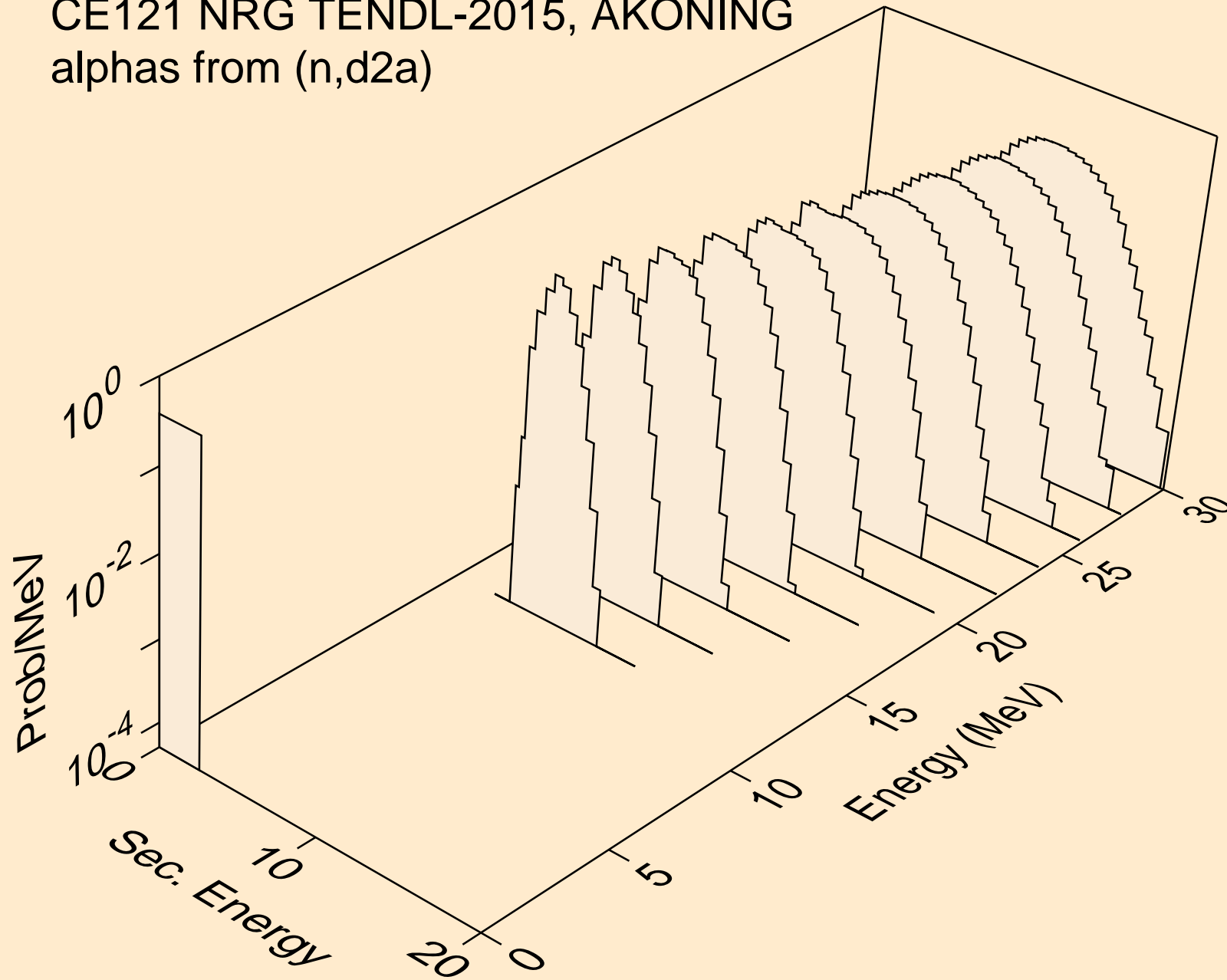
CE121 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CE121 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



CE121 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



CE121 NRG TENDL-2015, AKONING  
alphas from (n,da)

