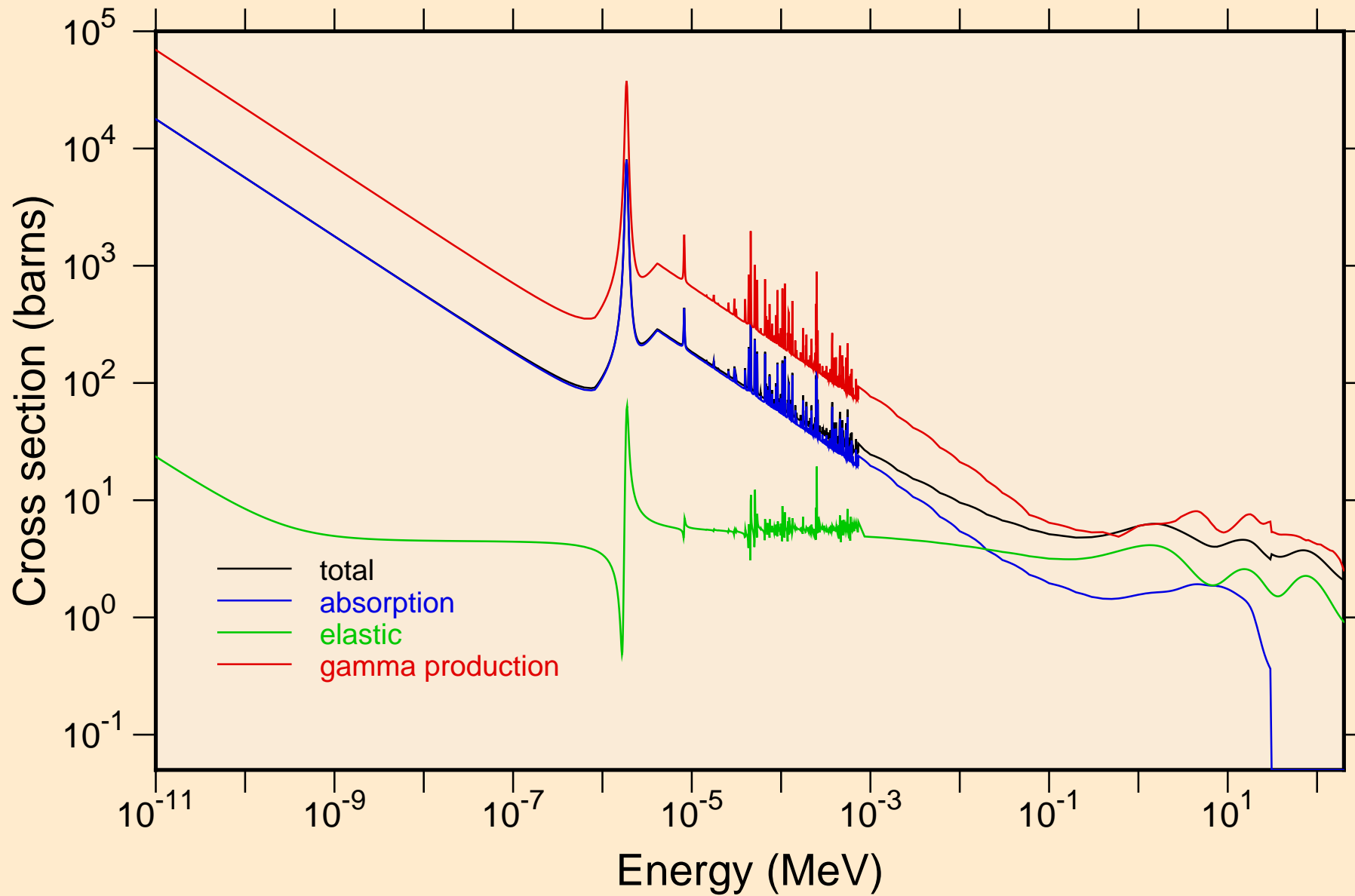
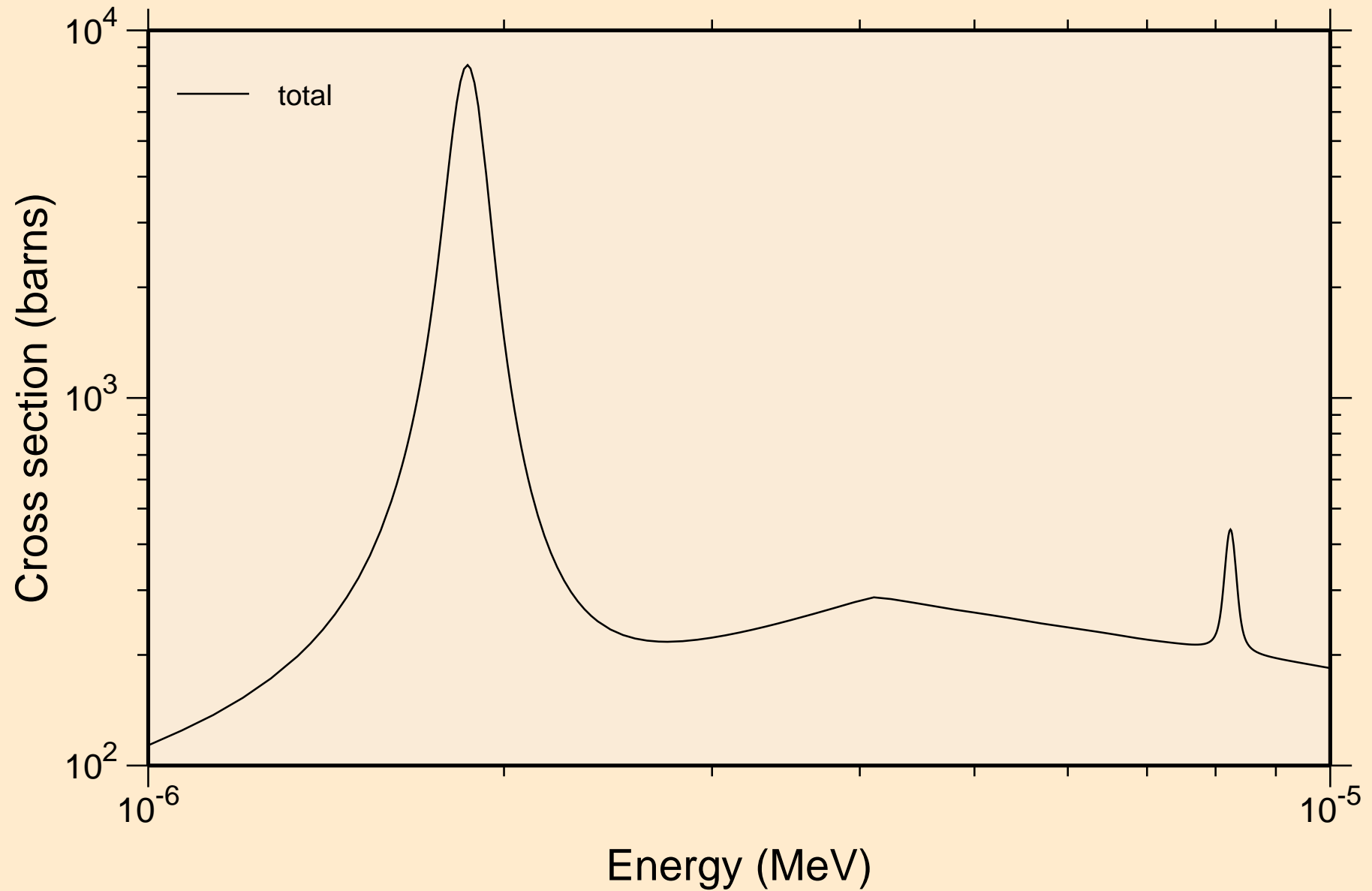


# CE124 NRG TENDL-2015, AKONING

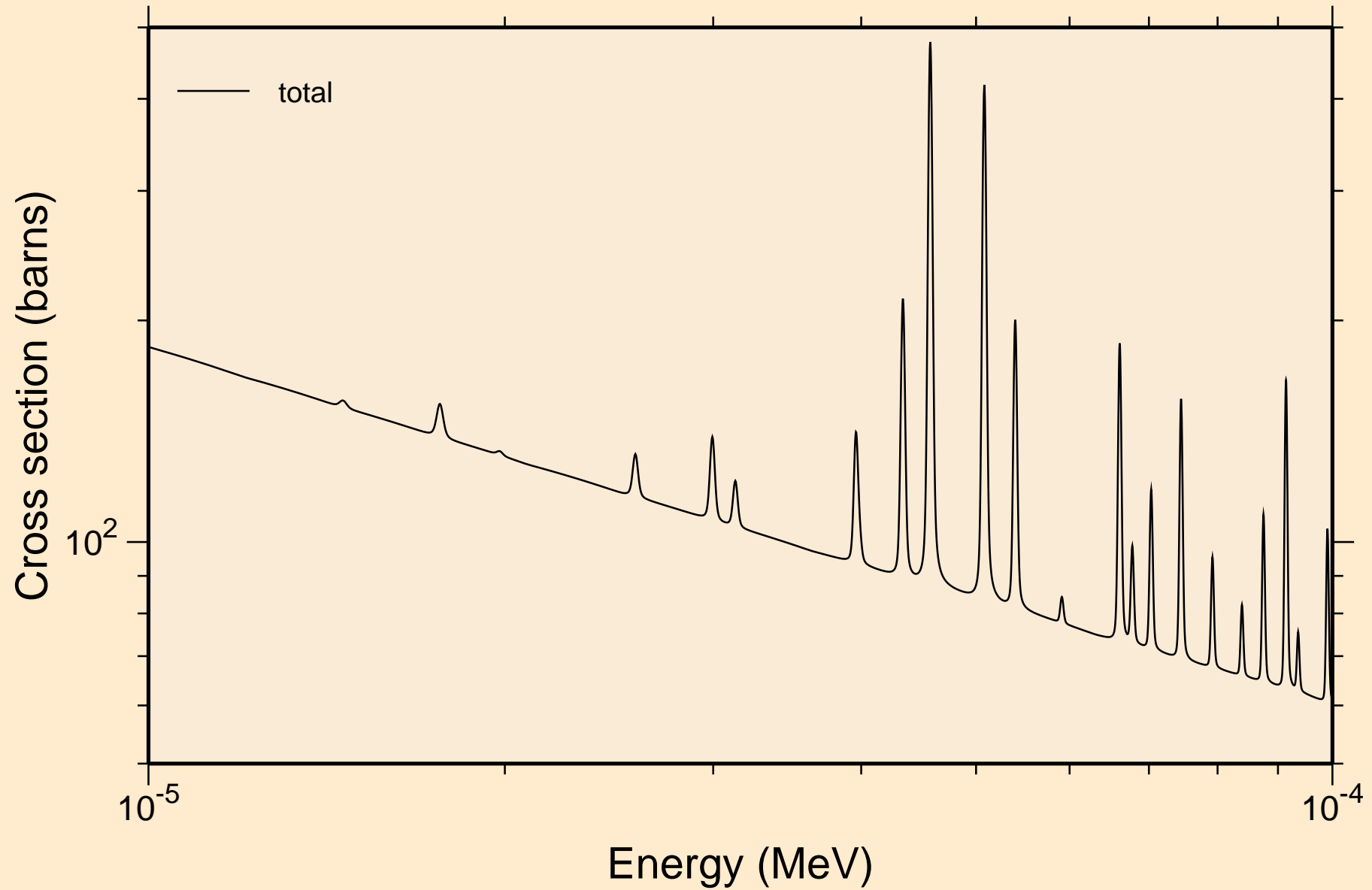
## Principal cross sections



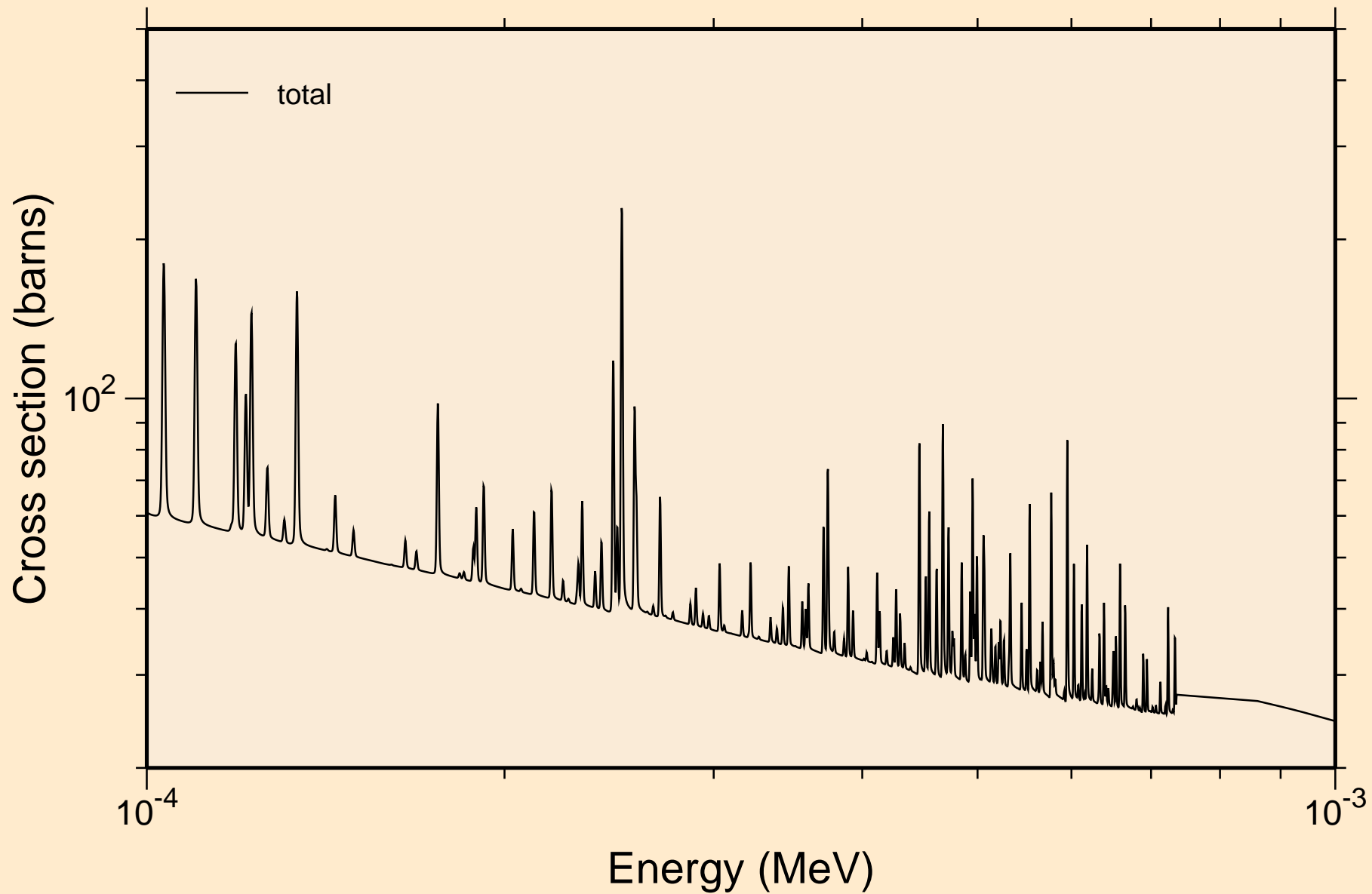
CE124 NRG TENDL-2015, AKONING  
resonance total cross section



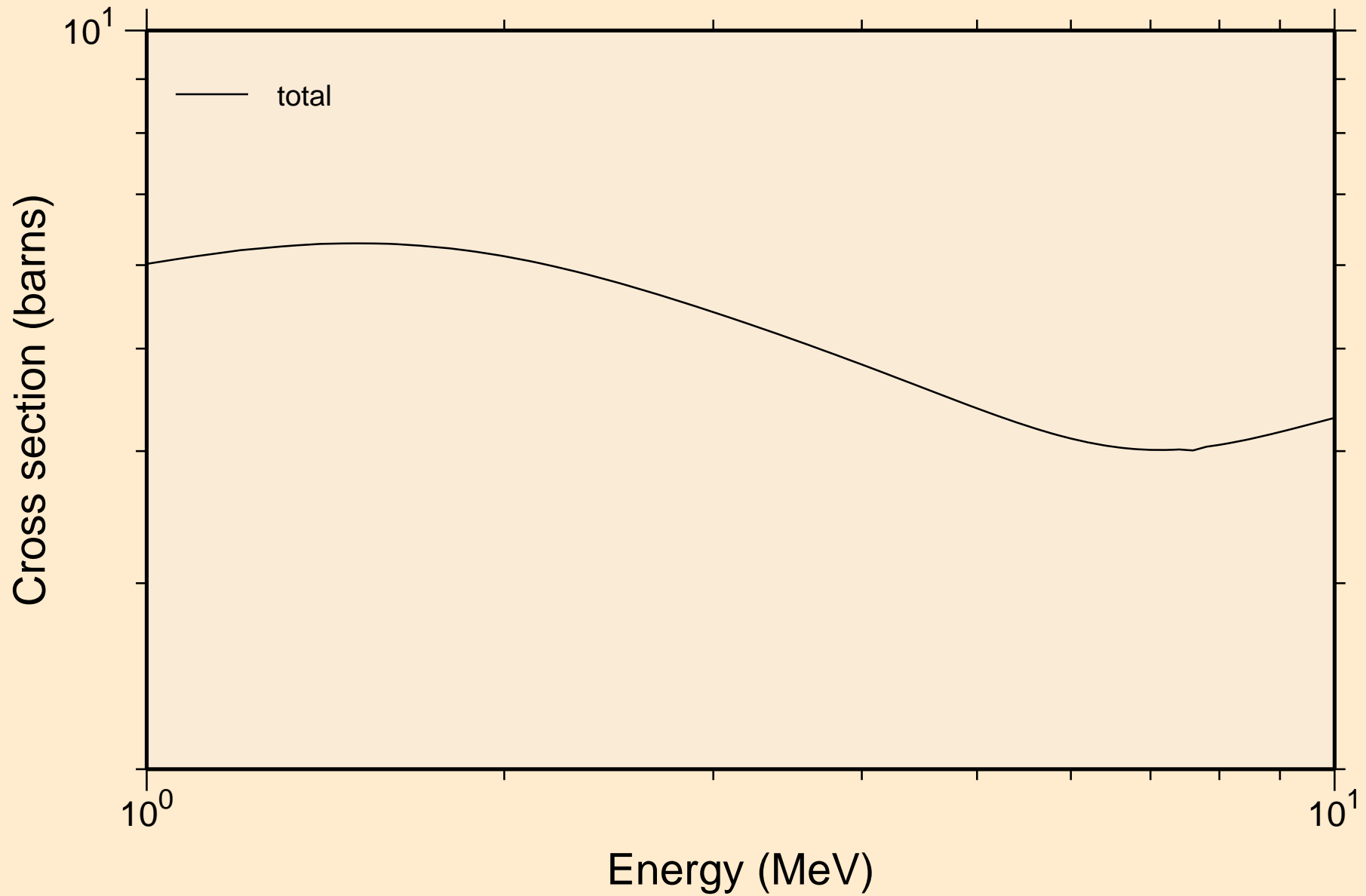
CE124 NRG TENDL-2015, AKONING  
resonance total cross section



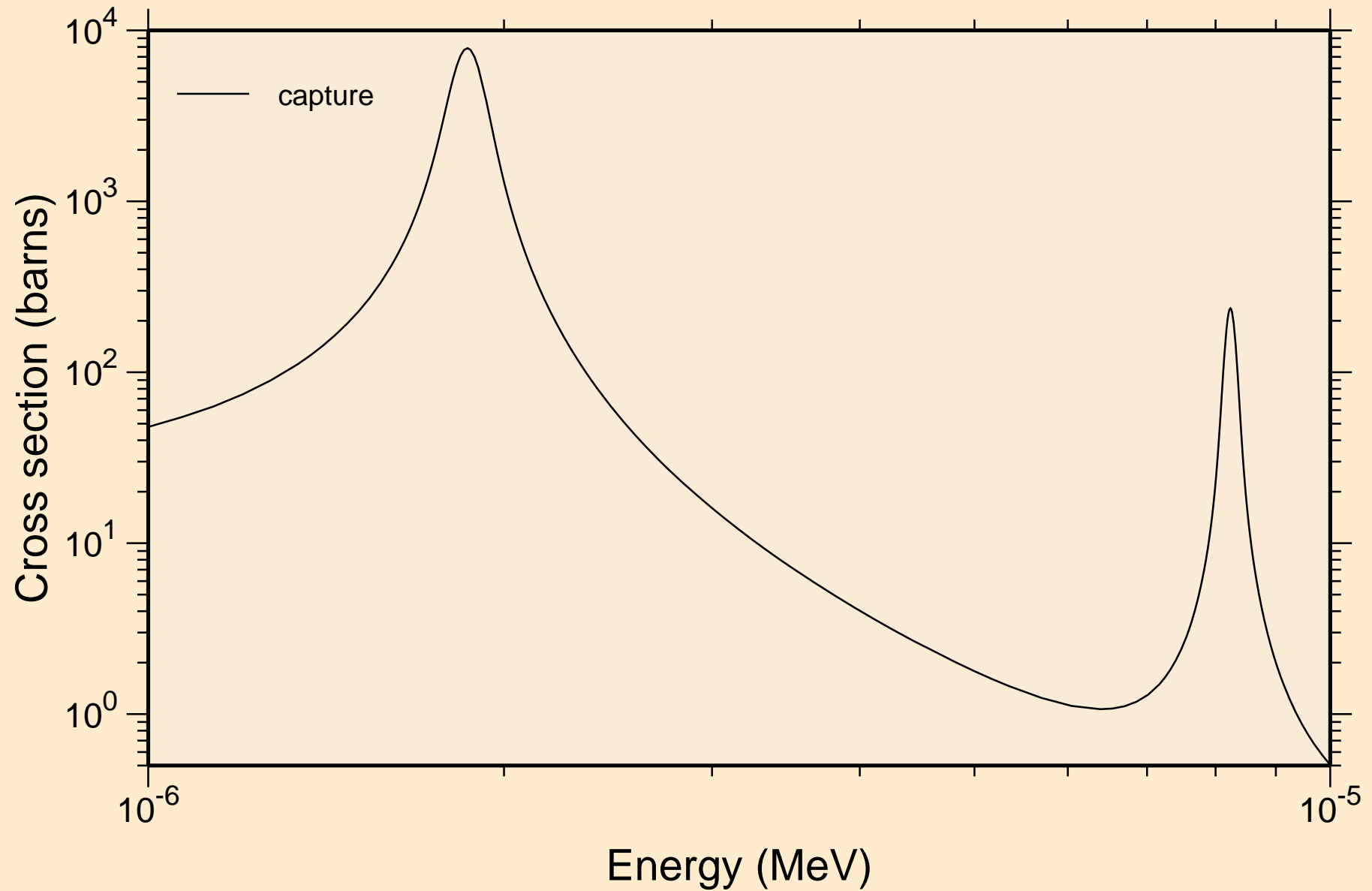
CE124 NRG TENDL-2015, AKONING  
resonance total cross section



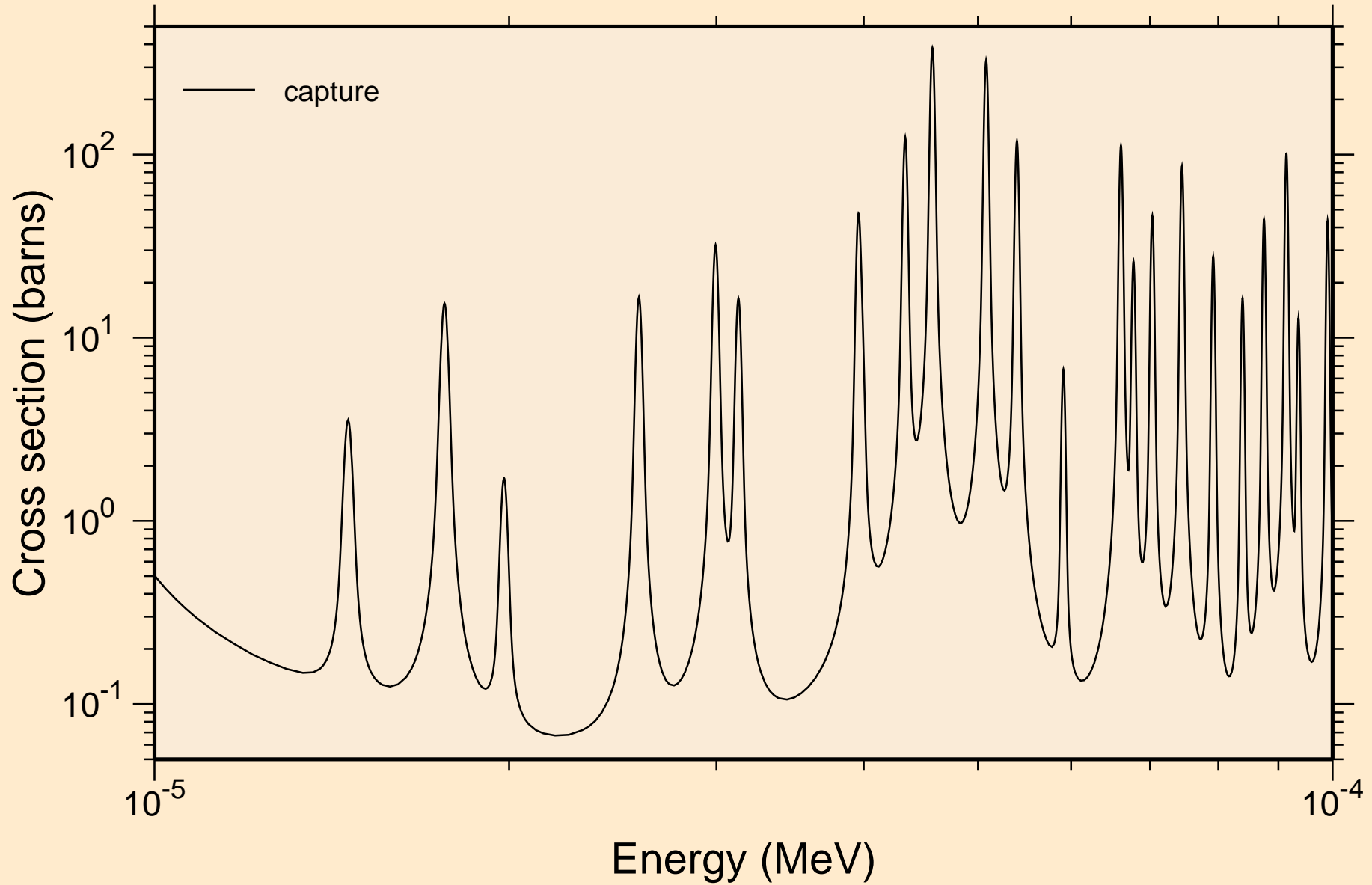
CE124 NRG TENDL-2015, AKONING  
resonance total cross section



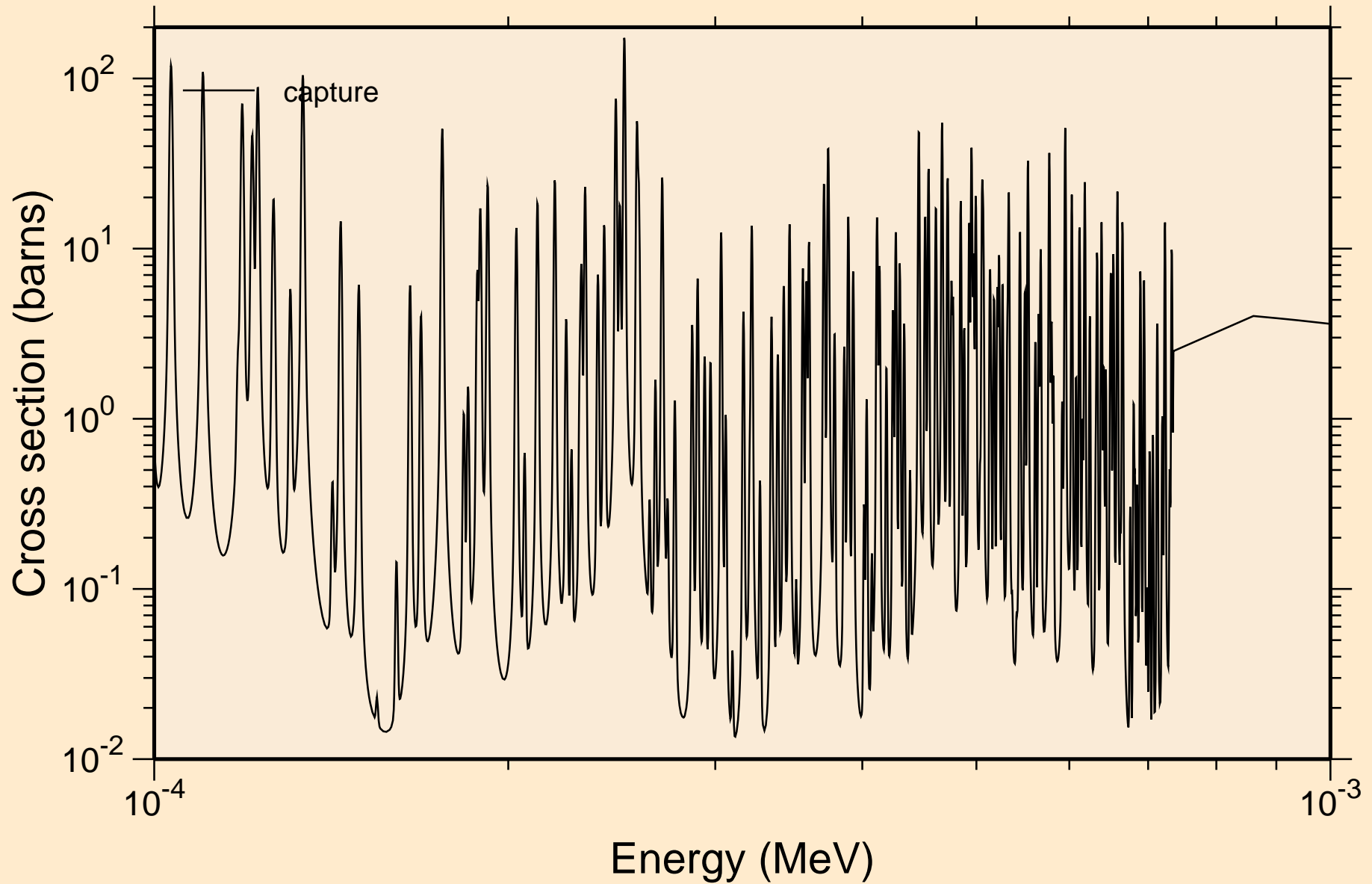
CE124 NRG TENDL-2015, AKONING  
resonance absorption cross sections



CE124 NRG TENDL-2015, AKONING  
resonance absorption cross sections

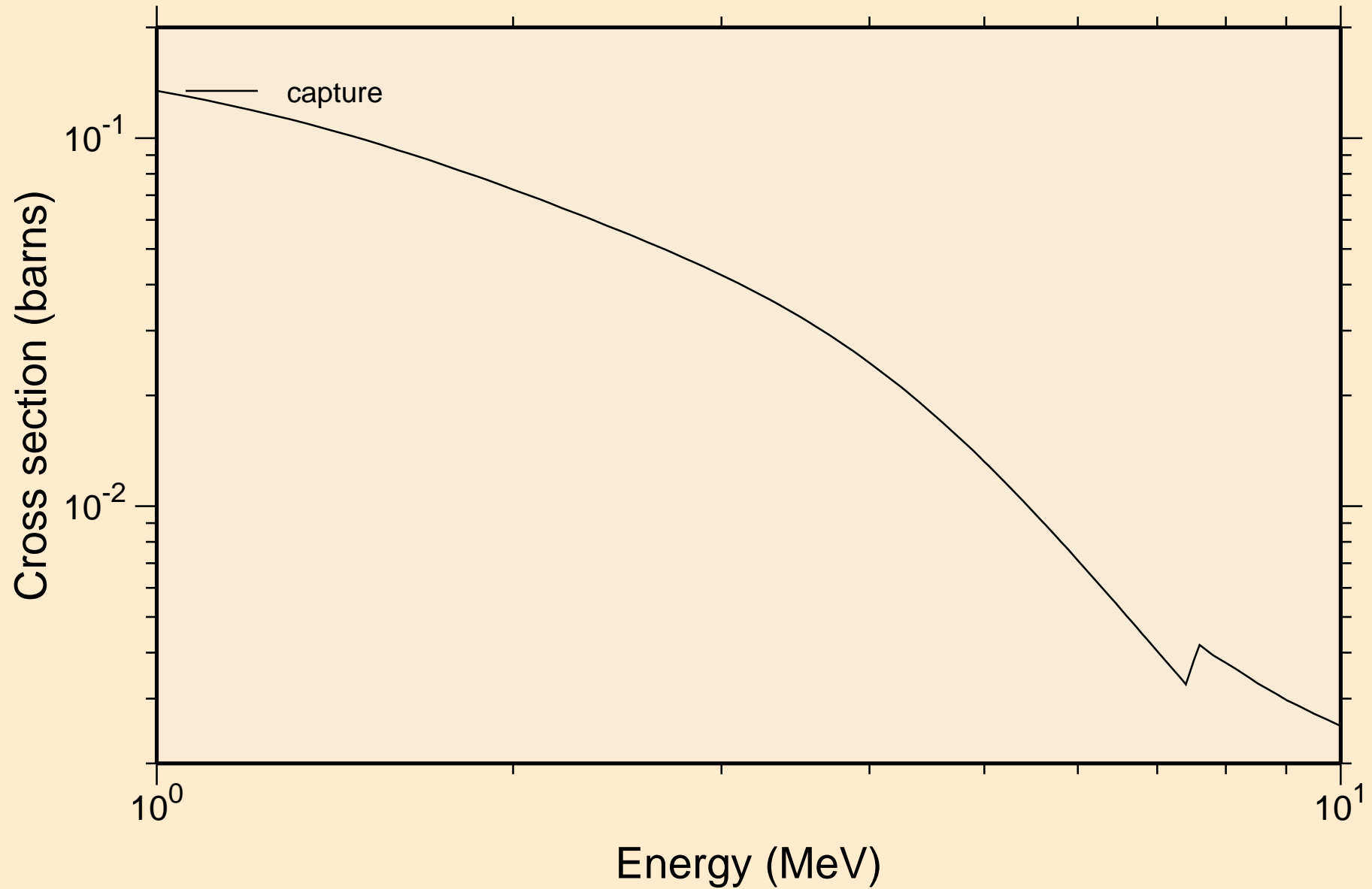


CE124 NRG TENDL-2015, AKONING  
resonance absorption cross sections



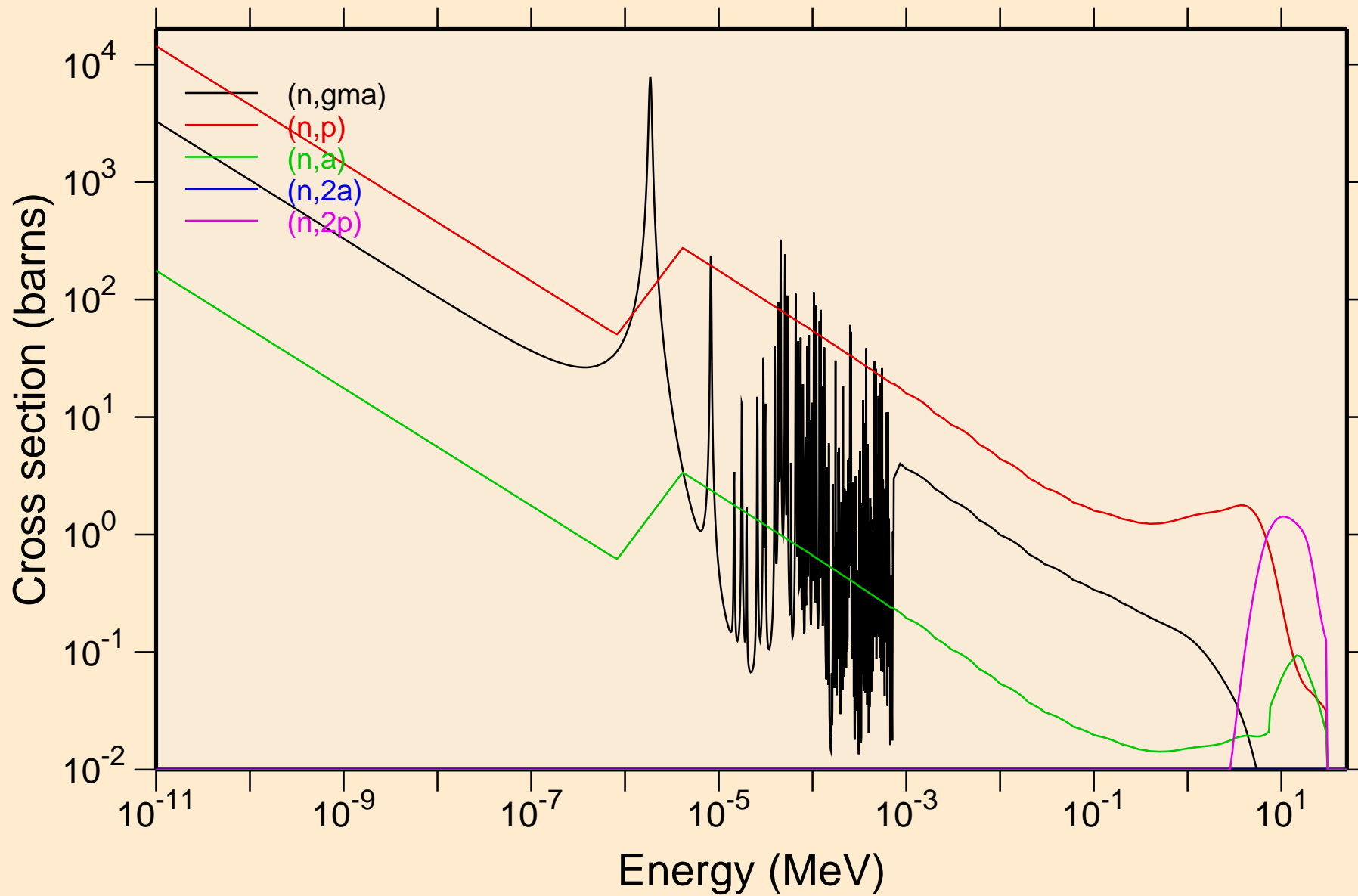


CE124 NRG TENDL-2015, AKONING  
resonance absorption cross sections



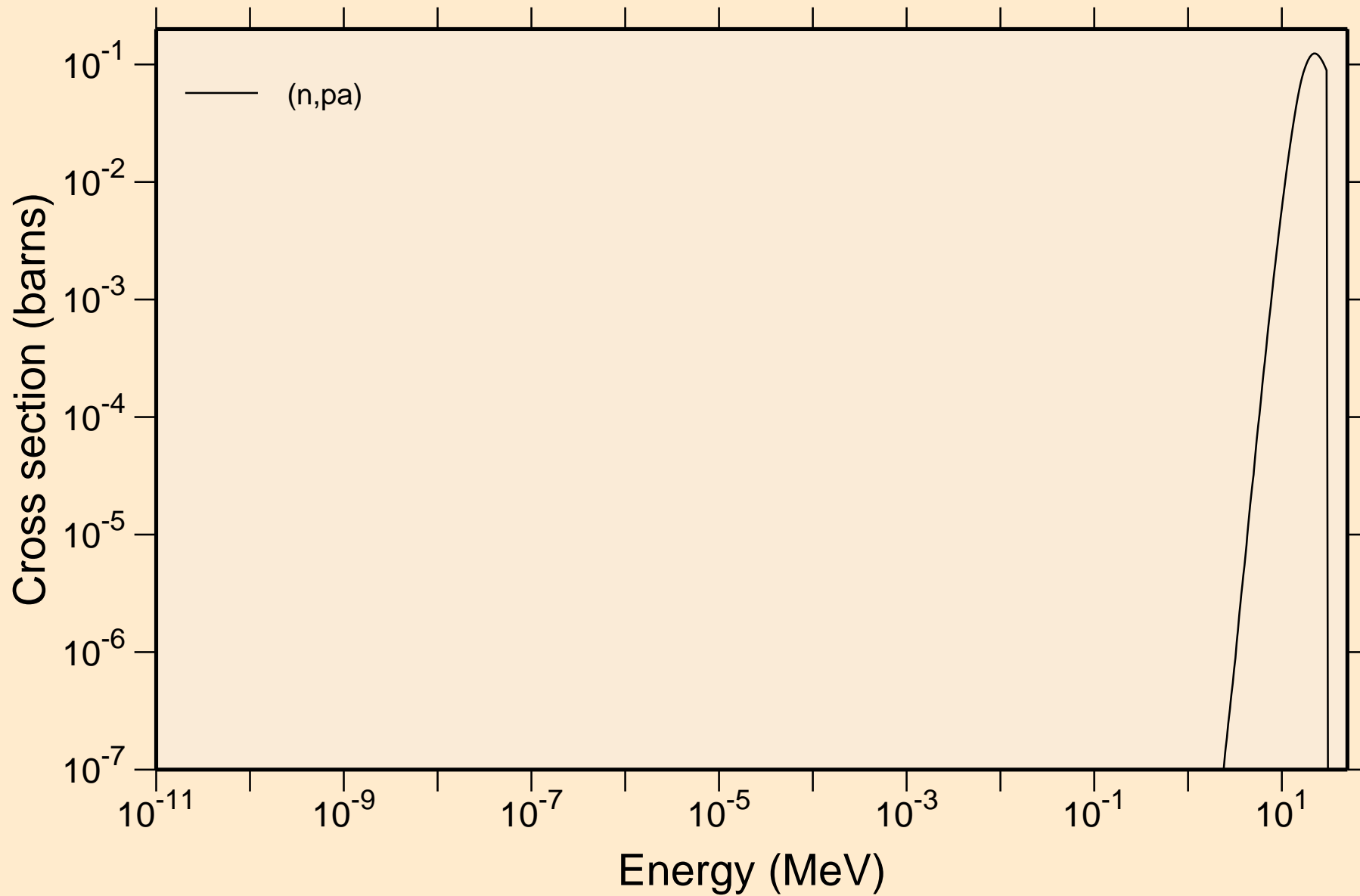
# CE124 NRG TENDL-2015, AKONING

## Non-threshold reactions



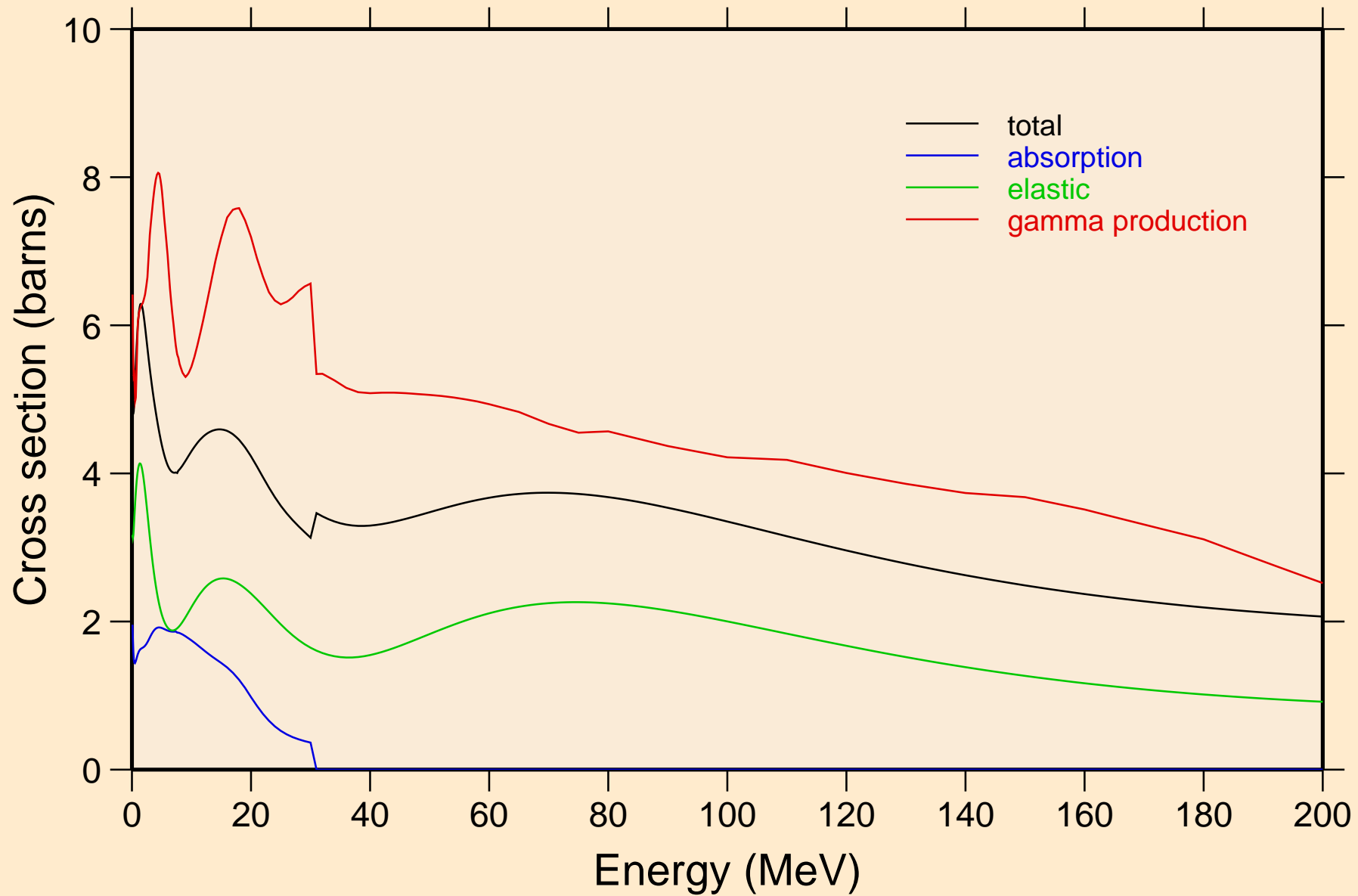
# CE124 NRG TENDL-2015, AKONING

## Non-threshold reactions



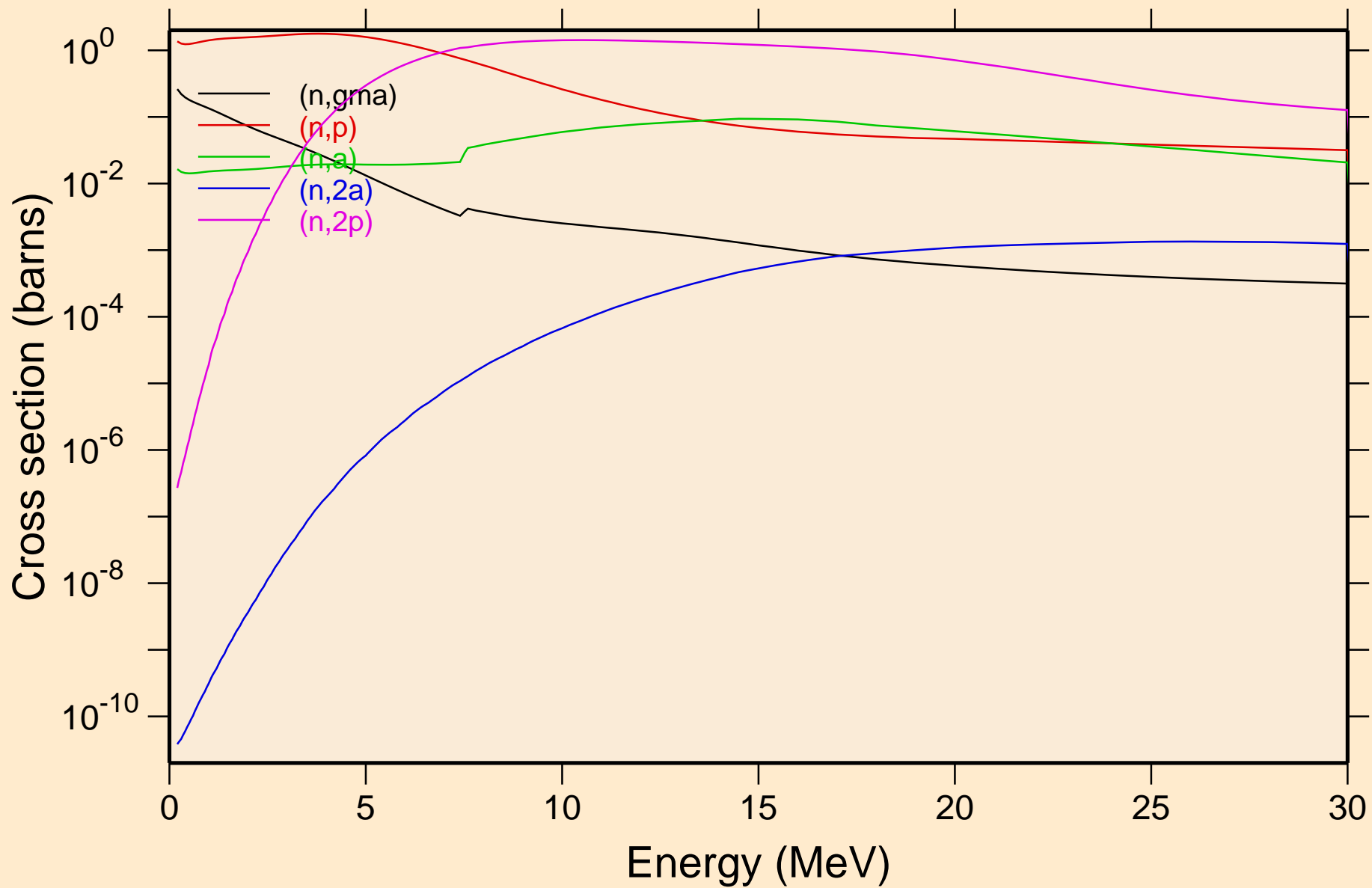
# CE124 NRG TENDL-2015, AKONING

## Principal cross sections

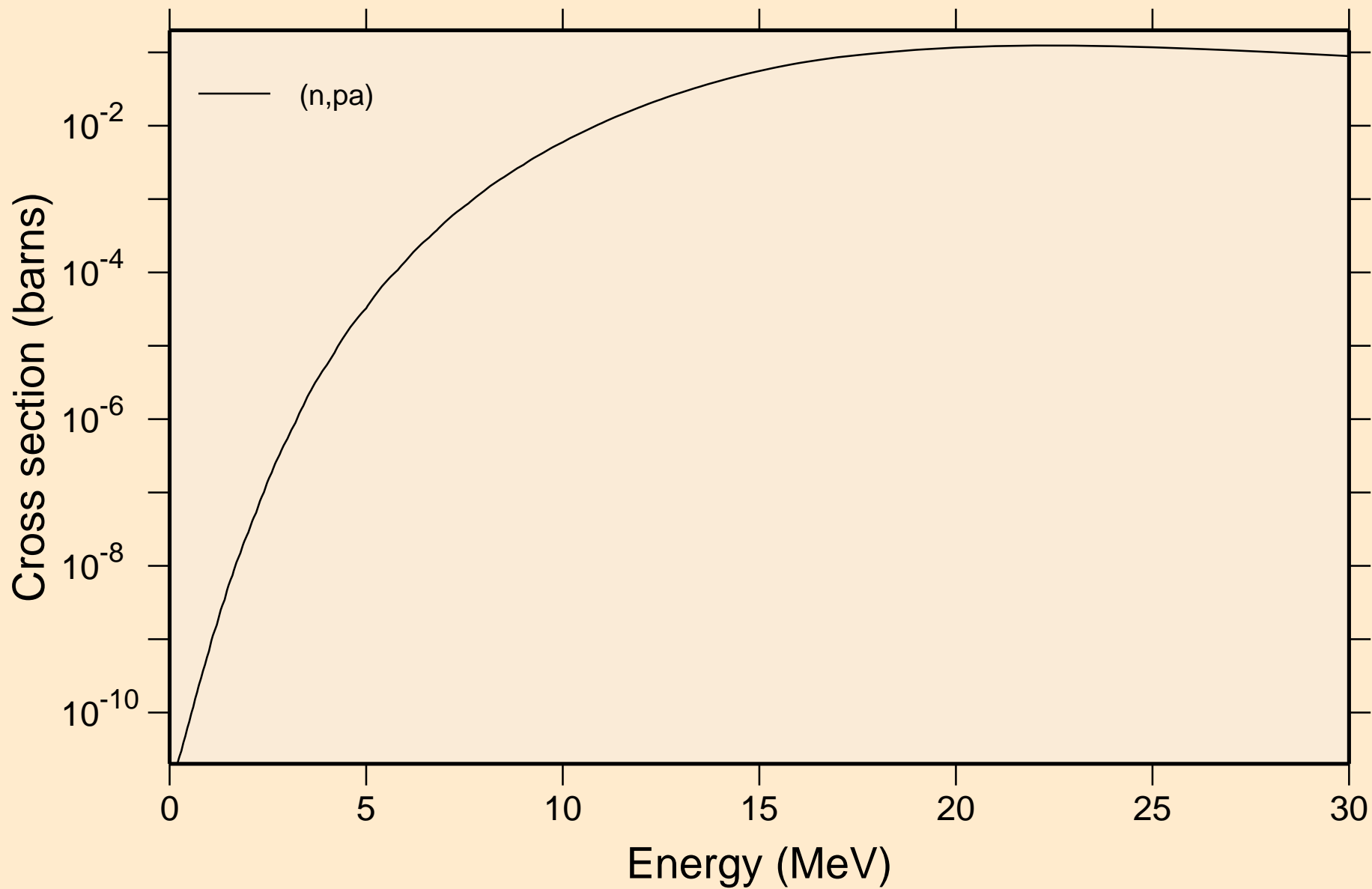


# CE124 NRG TENDL-2015, AKONING

## Non-threshold reactions

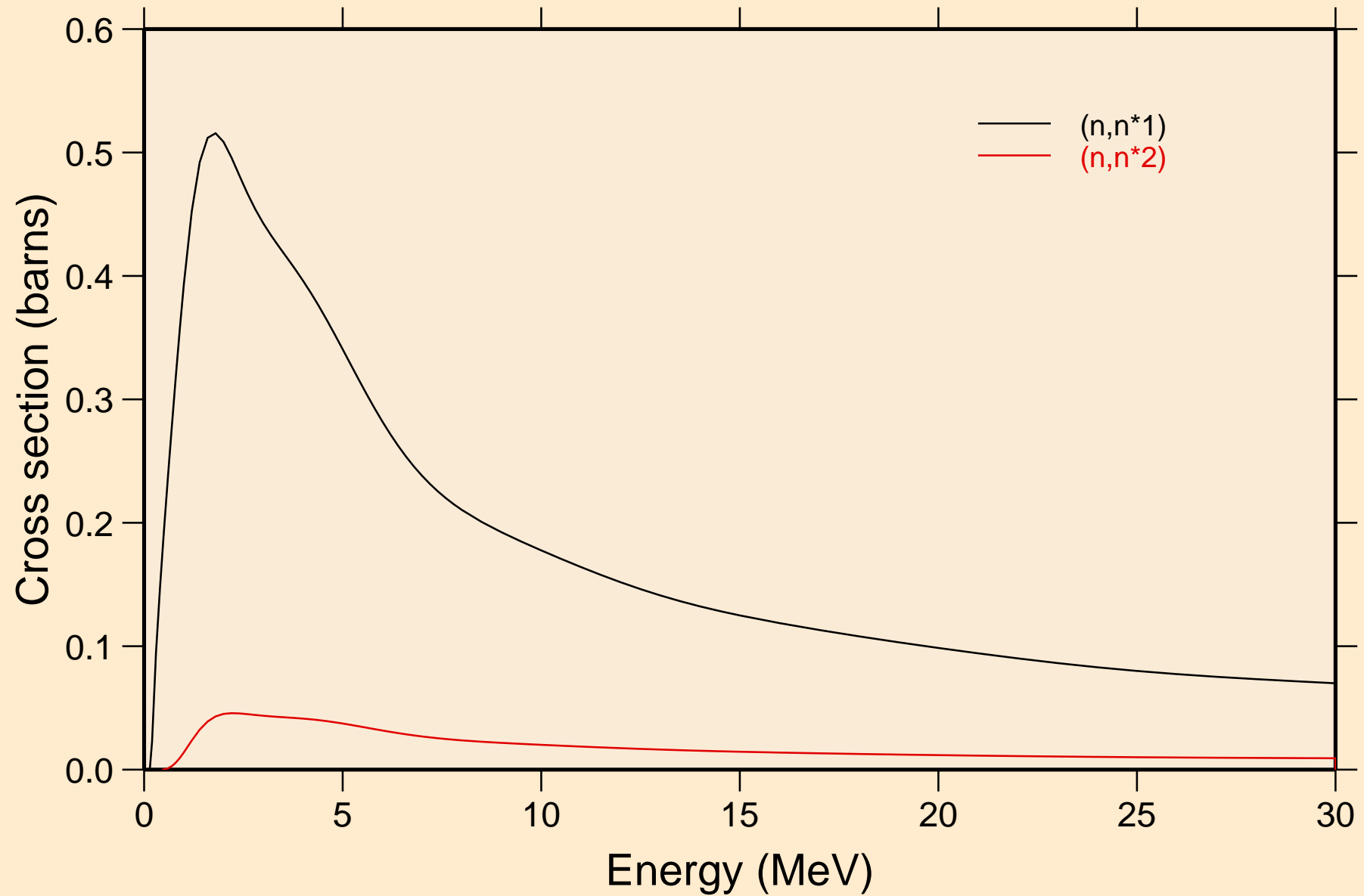


CE124 NRG TENDL-2015, AKONING  
Non-threshold reactions



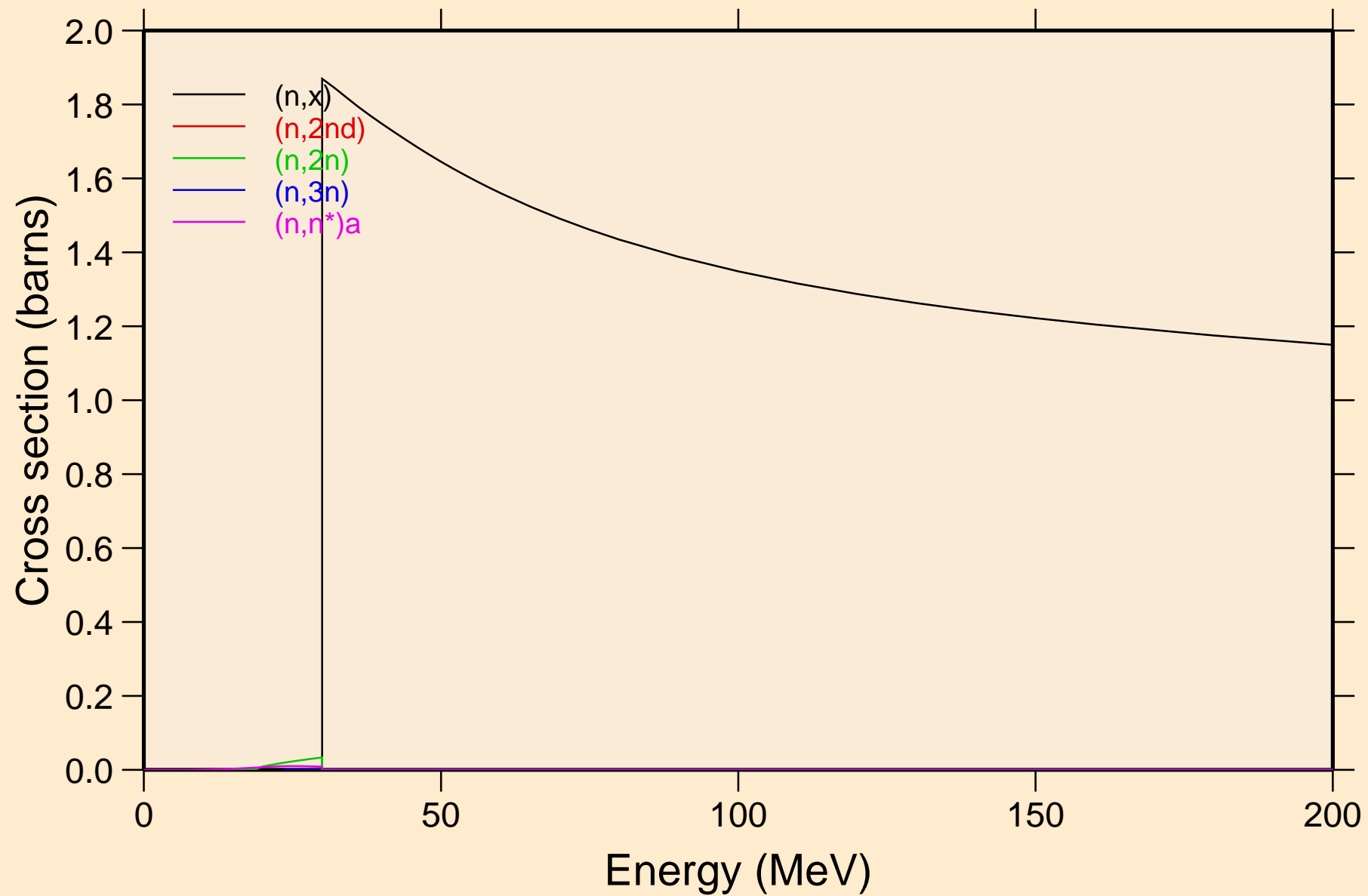
# CE124 NRG TENDL-2015, AKONING

## Inelastic levels



# CE124 NRG TENDL-2015, AKONING

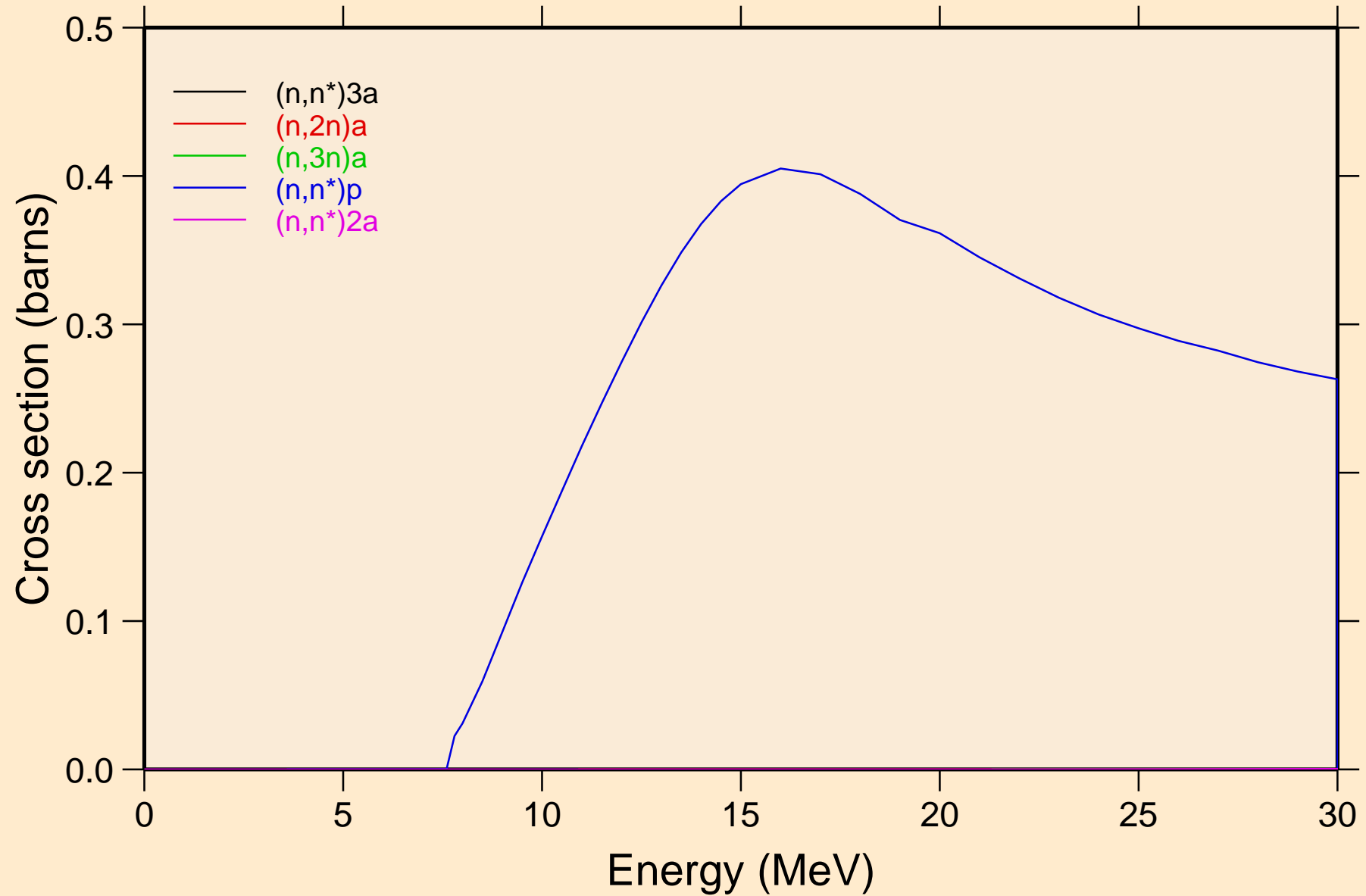
## Threshold reactions





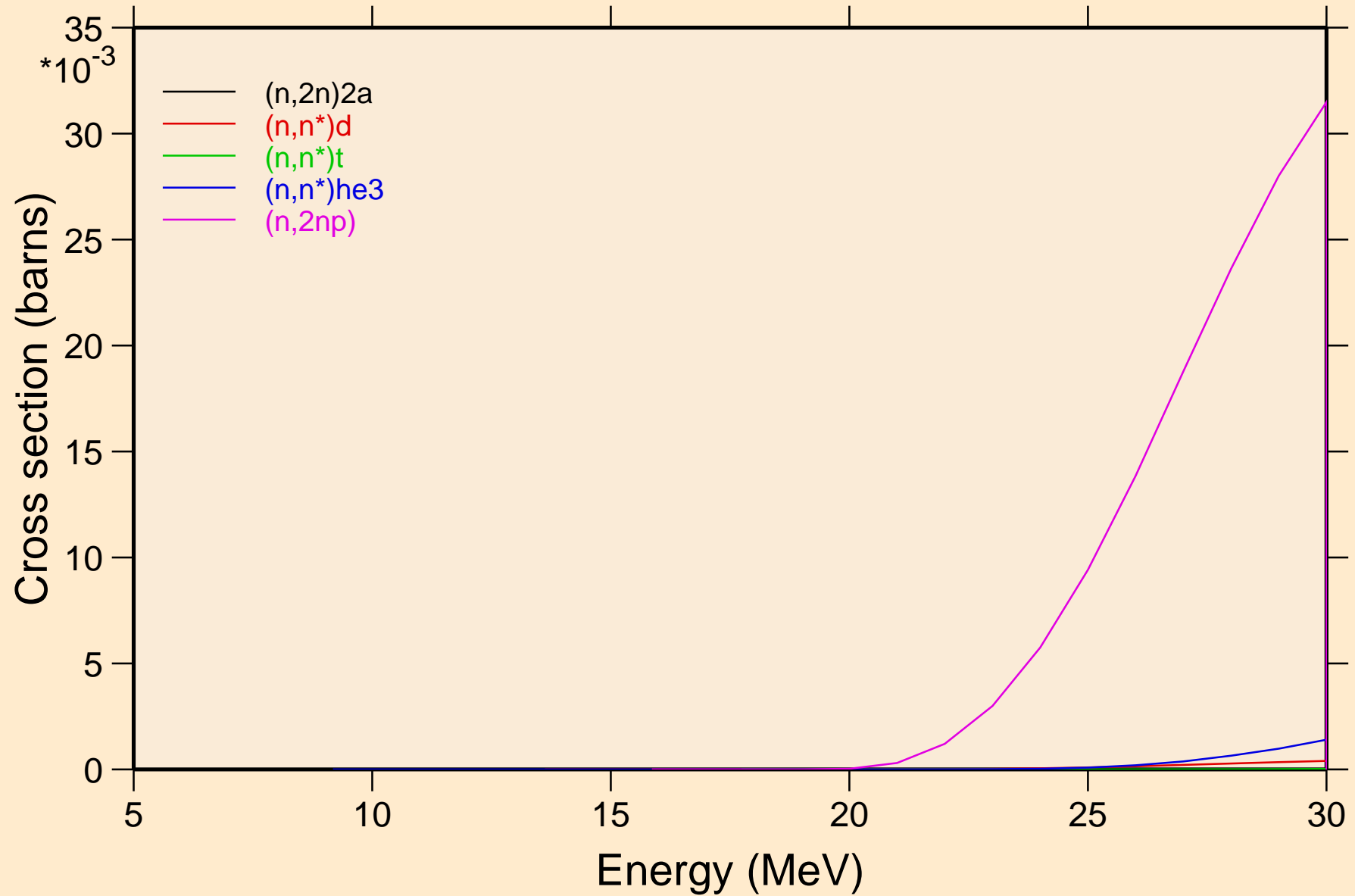
# CE124 NRG TENDL-2015, AKONING

## Threshold reactions



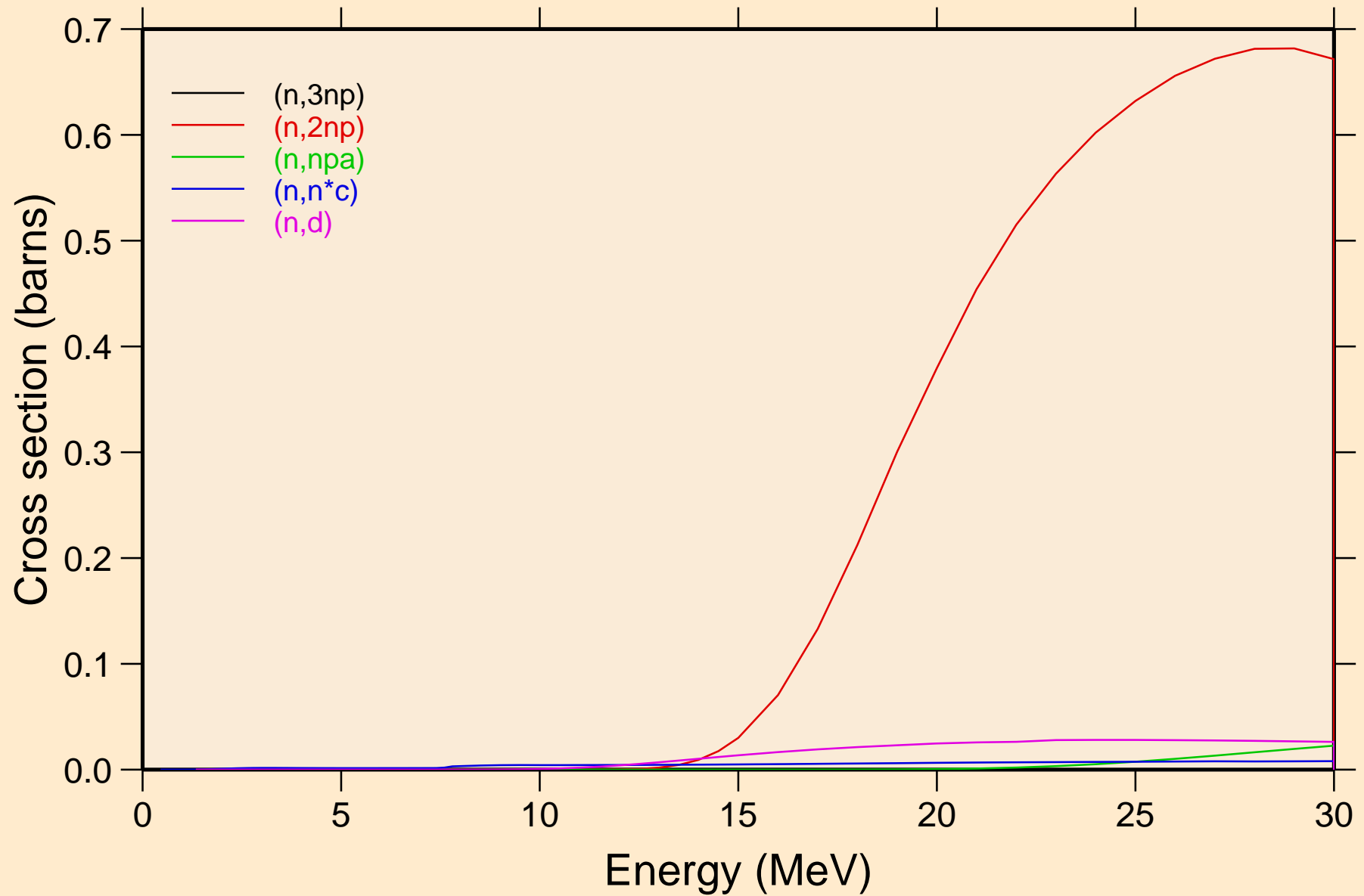
# CE124 NRG TENDL-2015, AKONING

## Threshold reactions



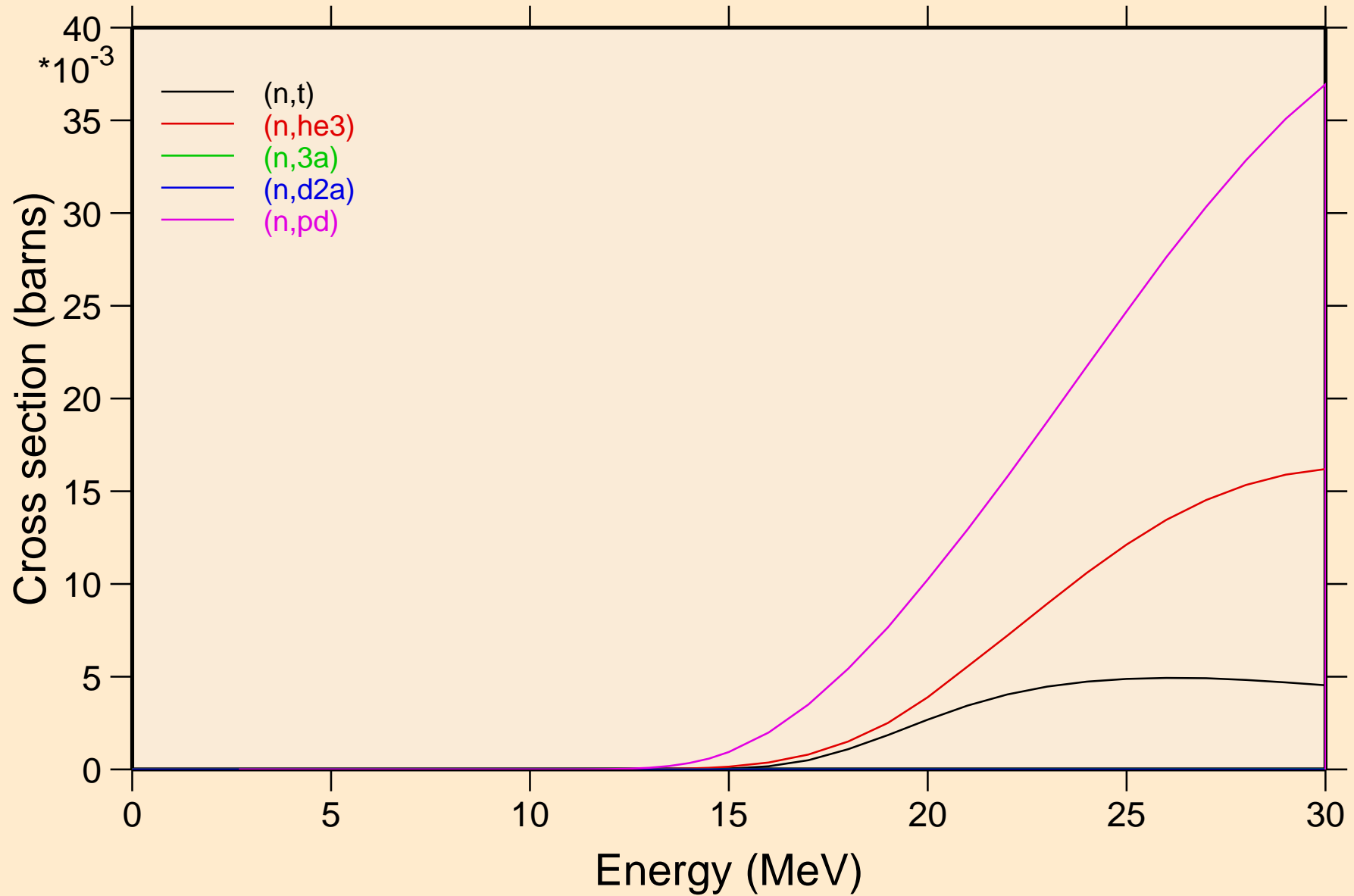
# CE124 NRG TENDL-2015, AKONING

## Threshold reactions



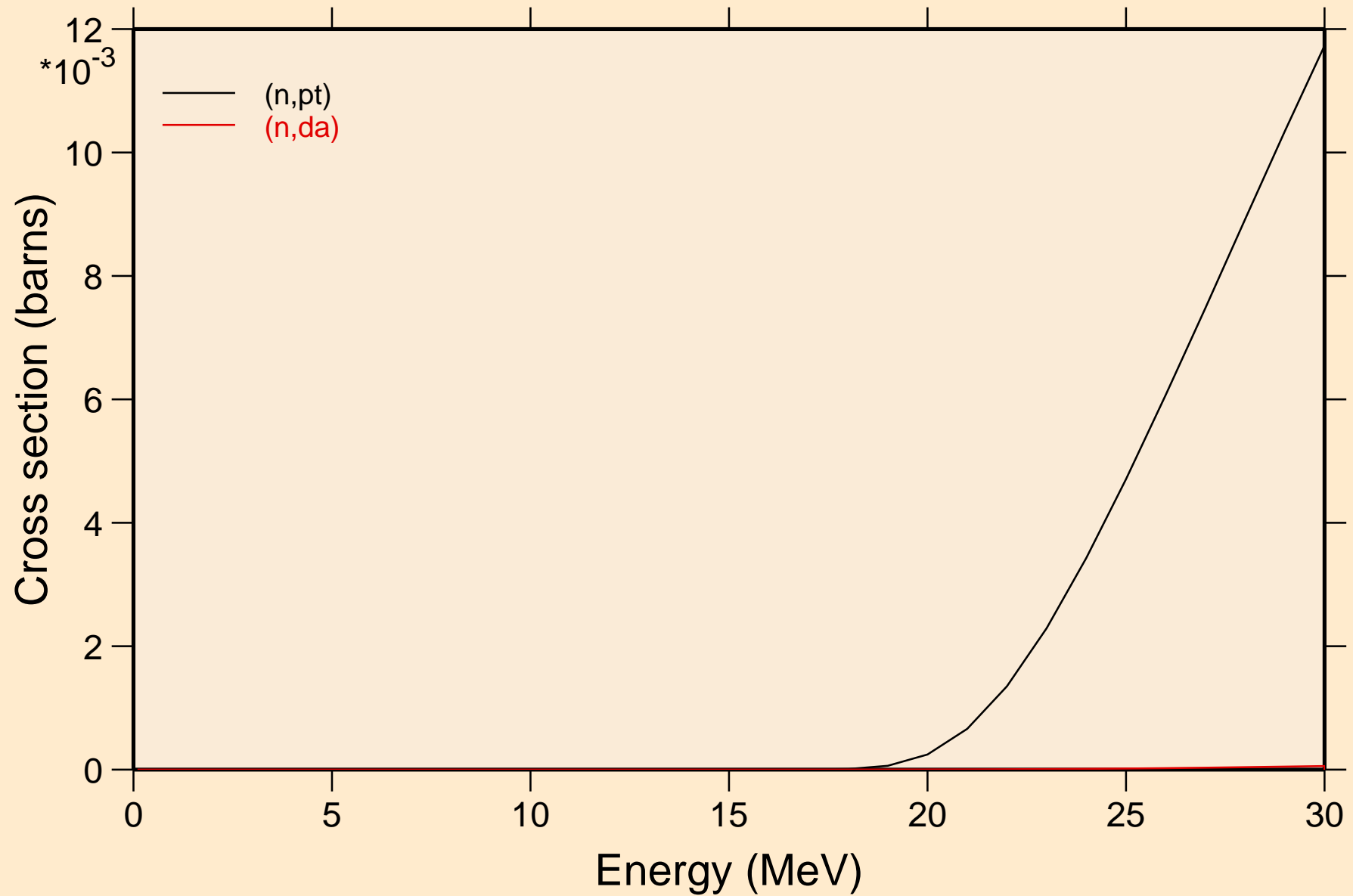
# CE124 NRG TENDL-2015, AKONING

## Threshold reactions

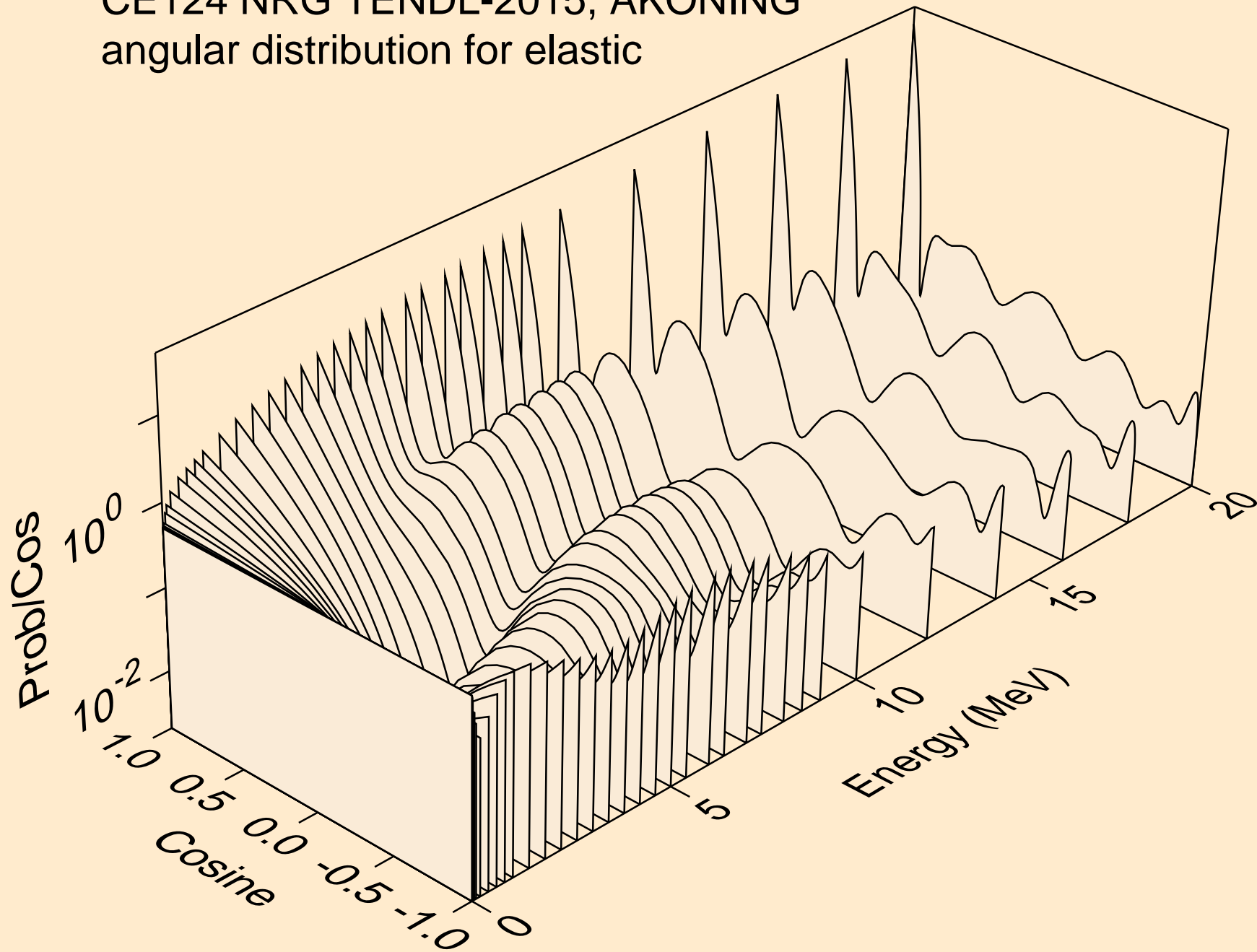


# CE124 NRG TENDL-2015, AKONING

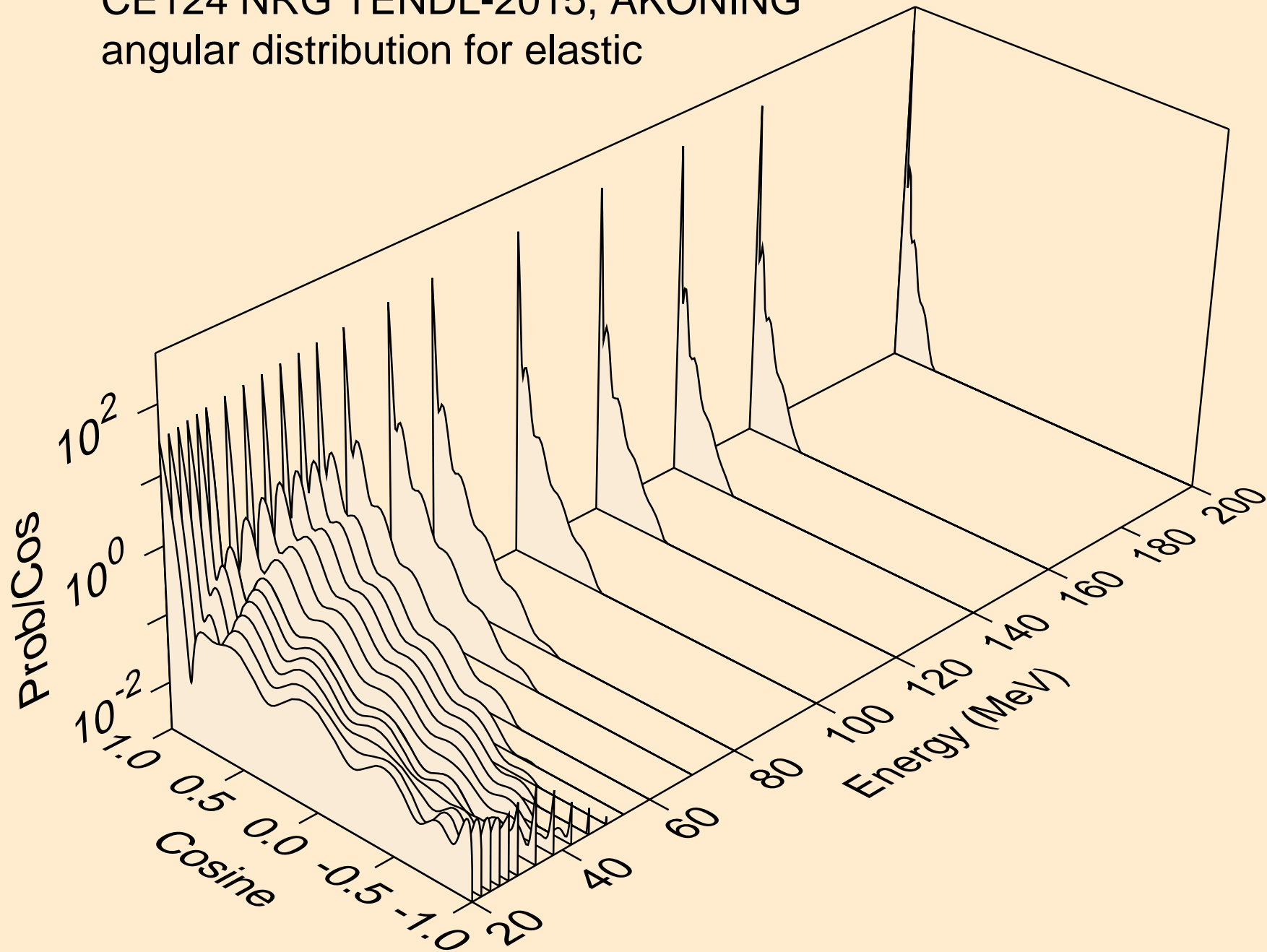
## Threshold reactions



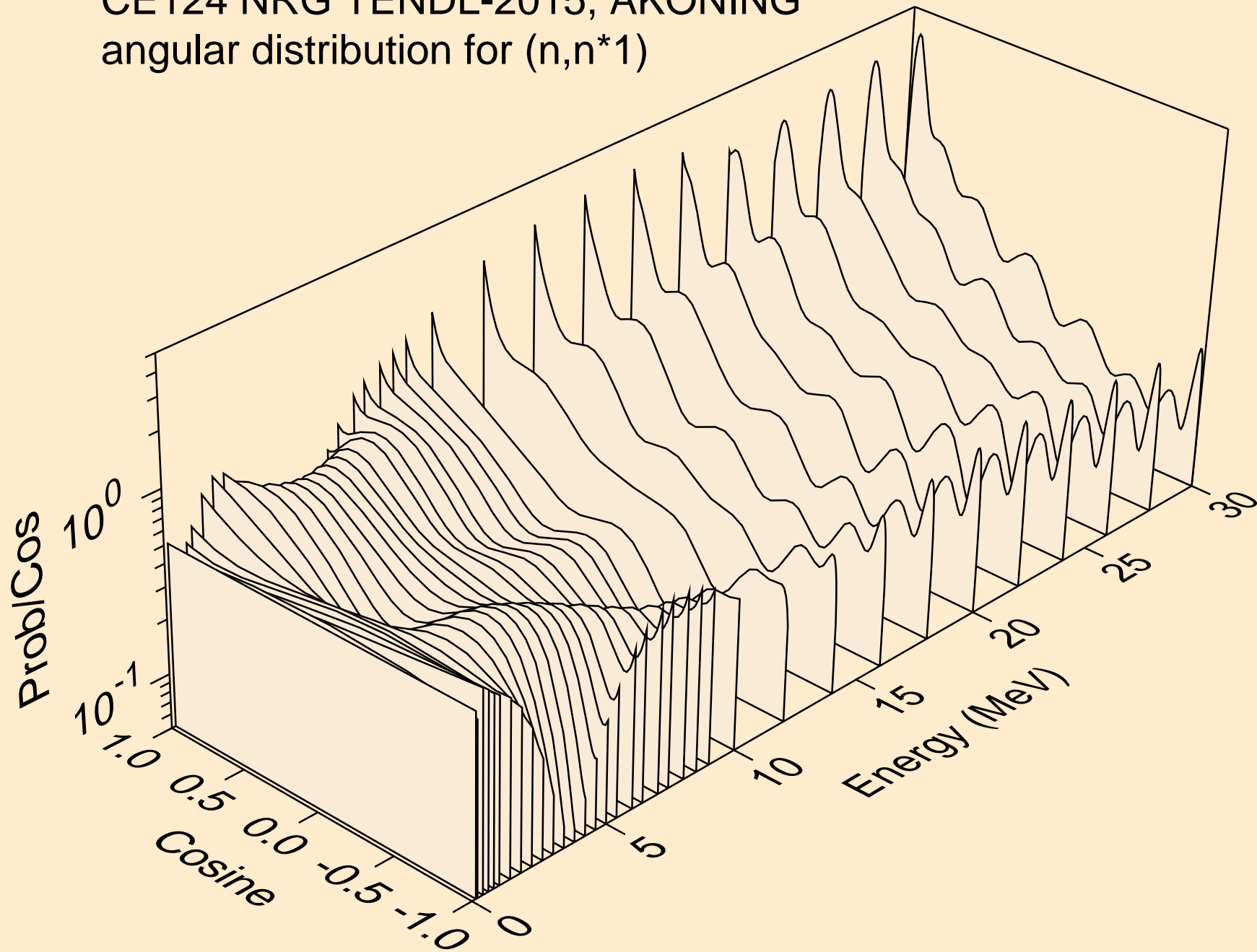
CE124 NRG TENDL-2015, AKONING  
angular distribution for elastic



CE124 NRG TENDL-2015, AKONING  
angular distribution for elastic

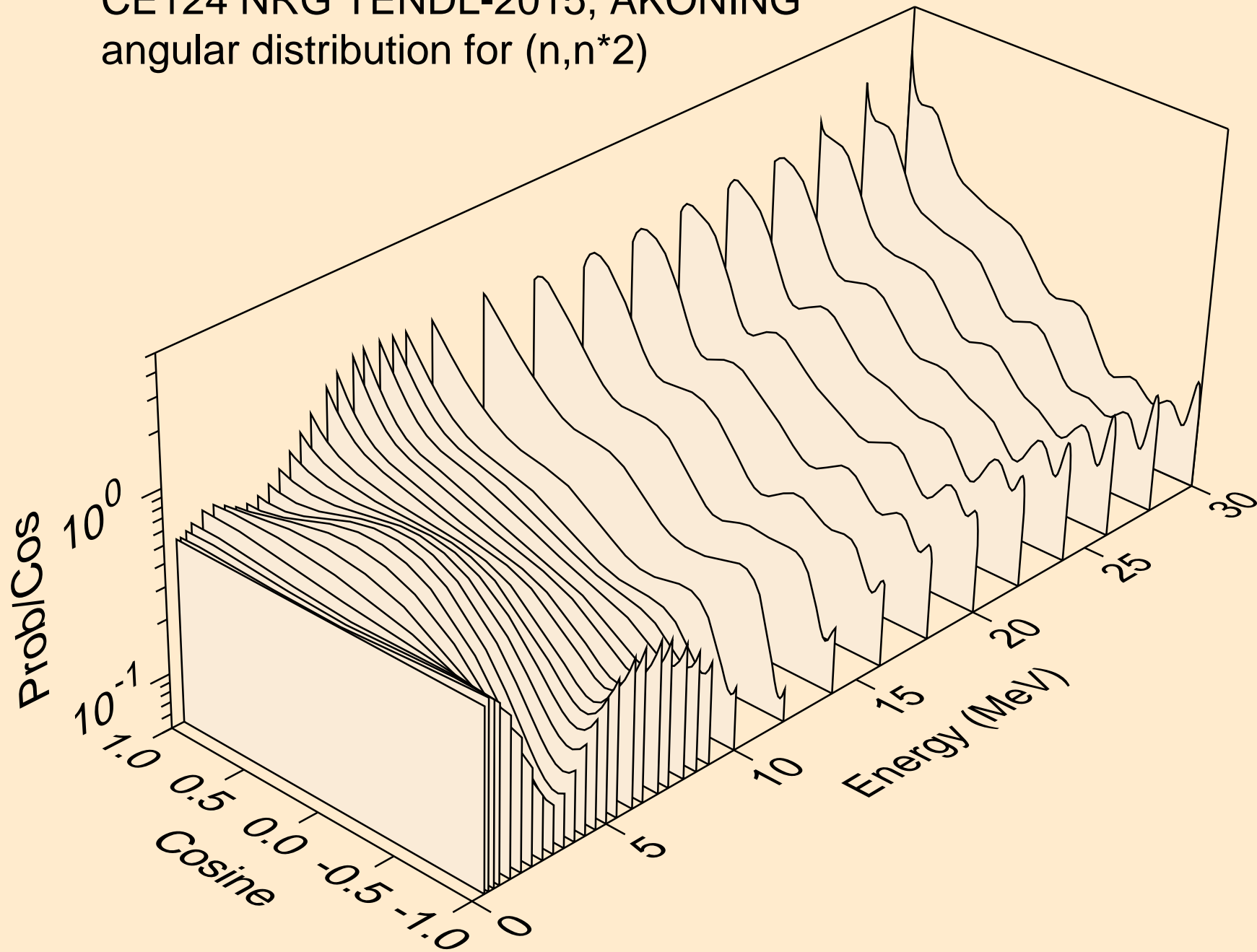


CE124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

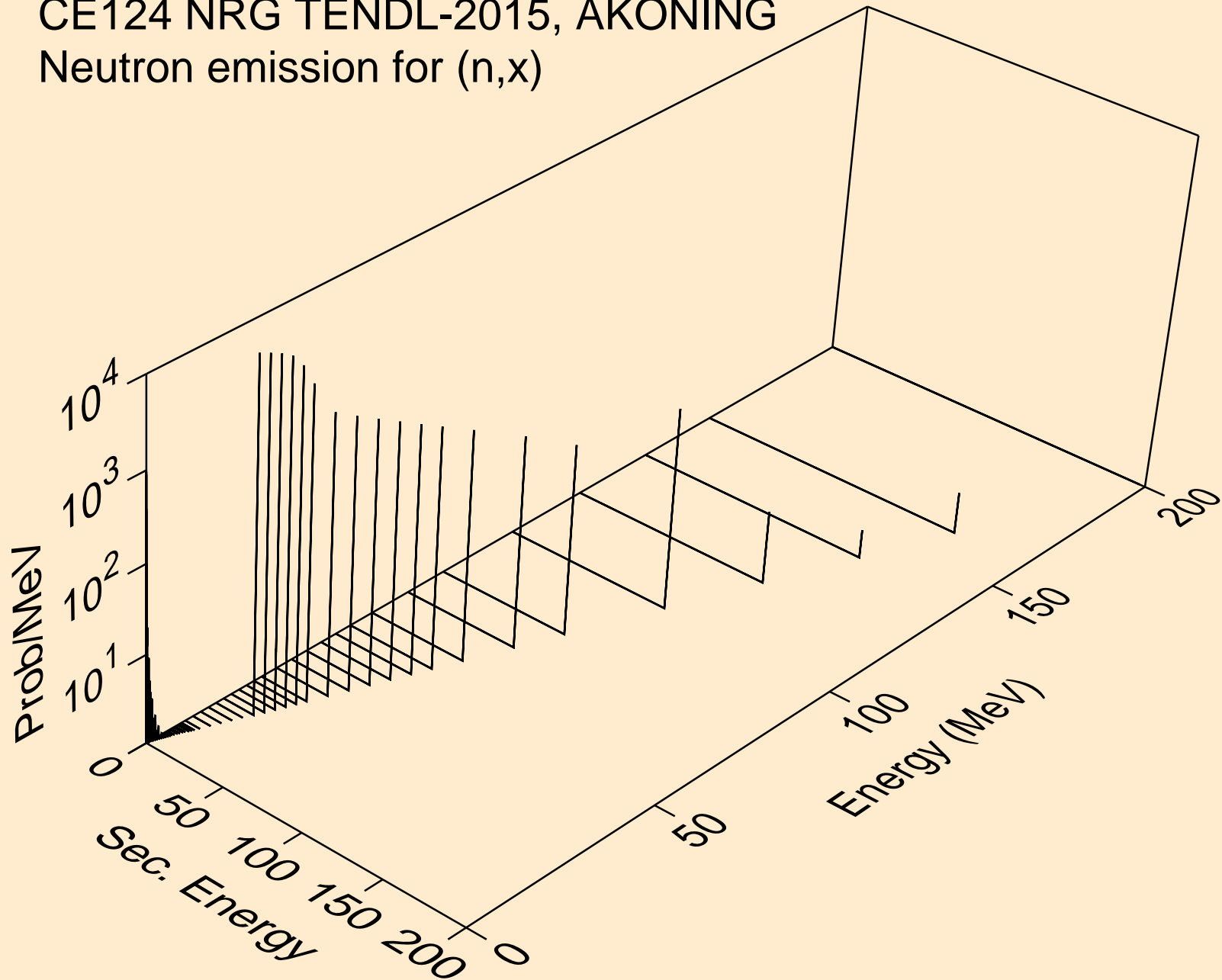




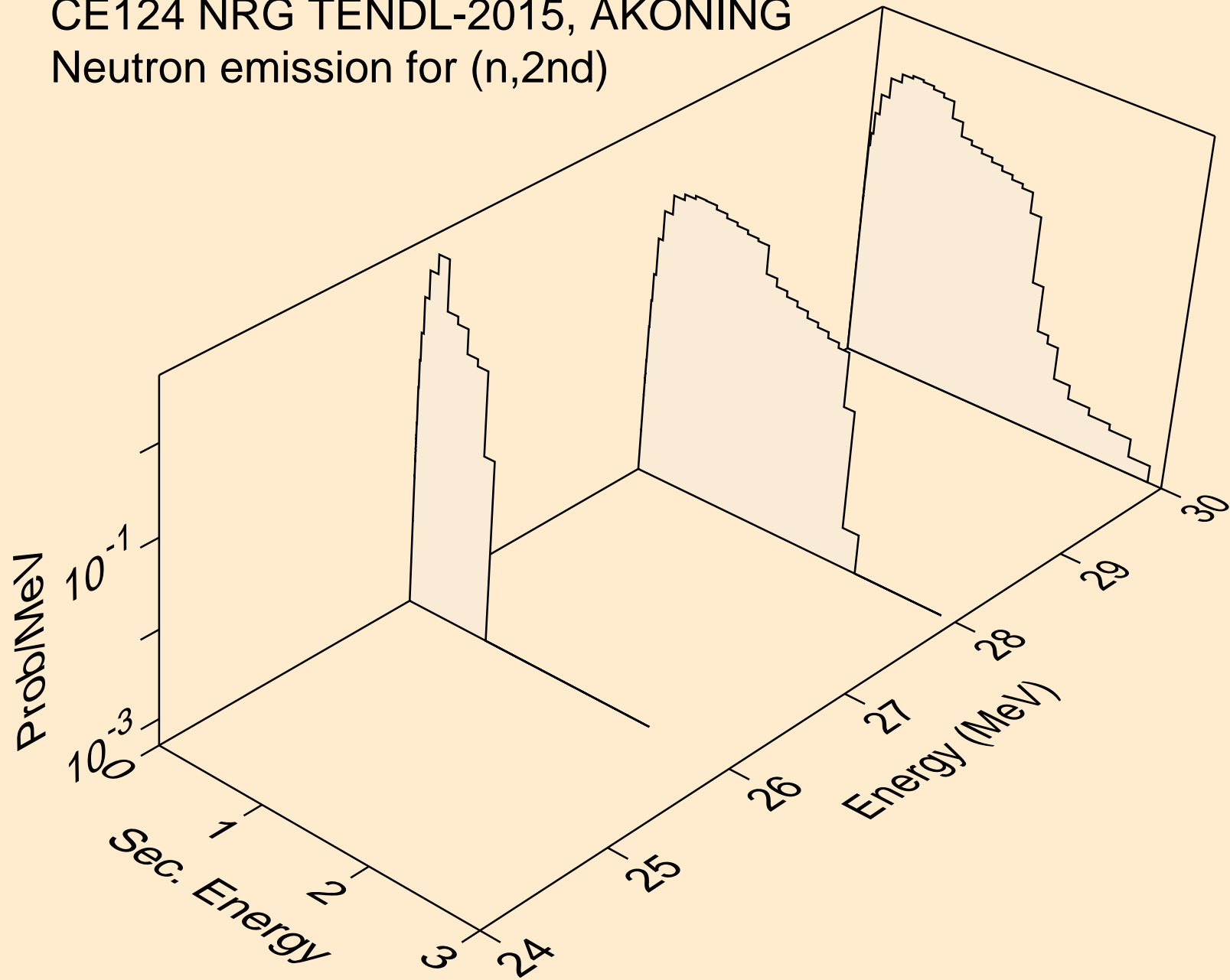
CE124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



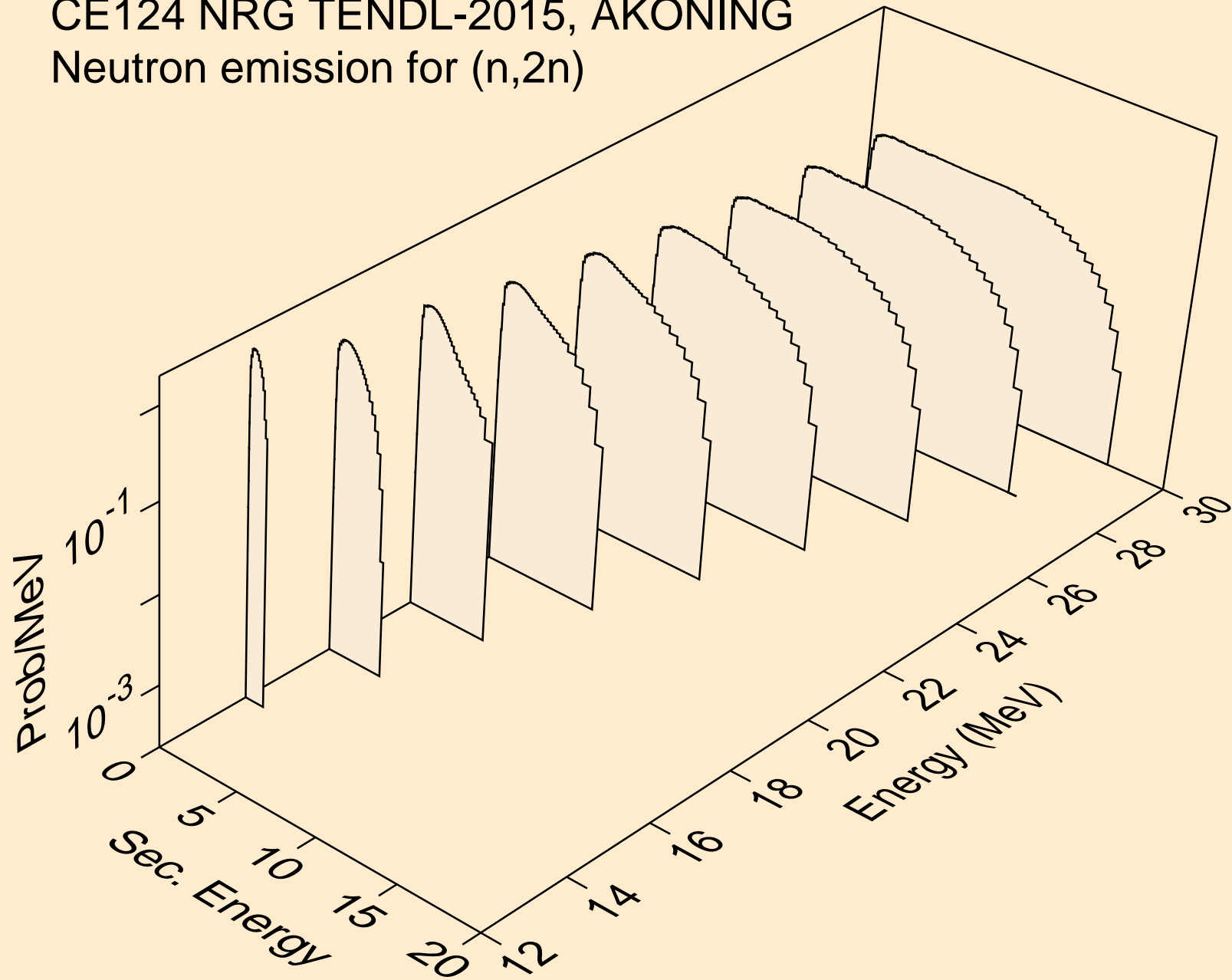
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



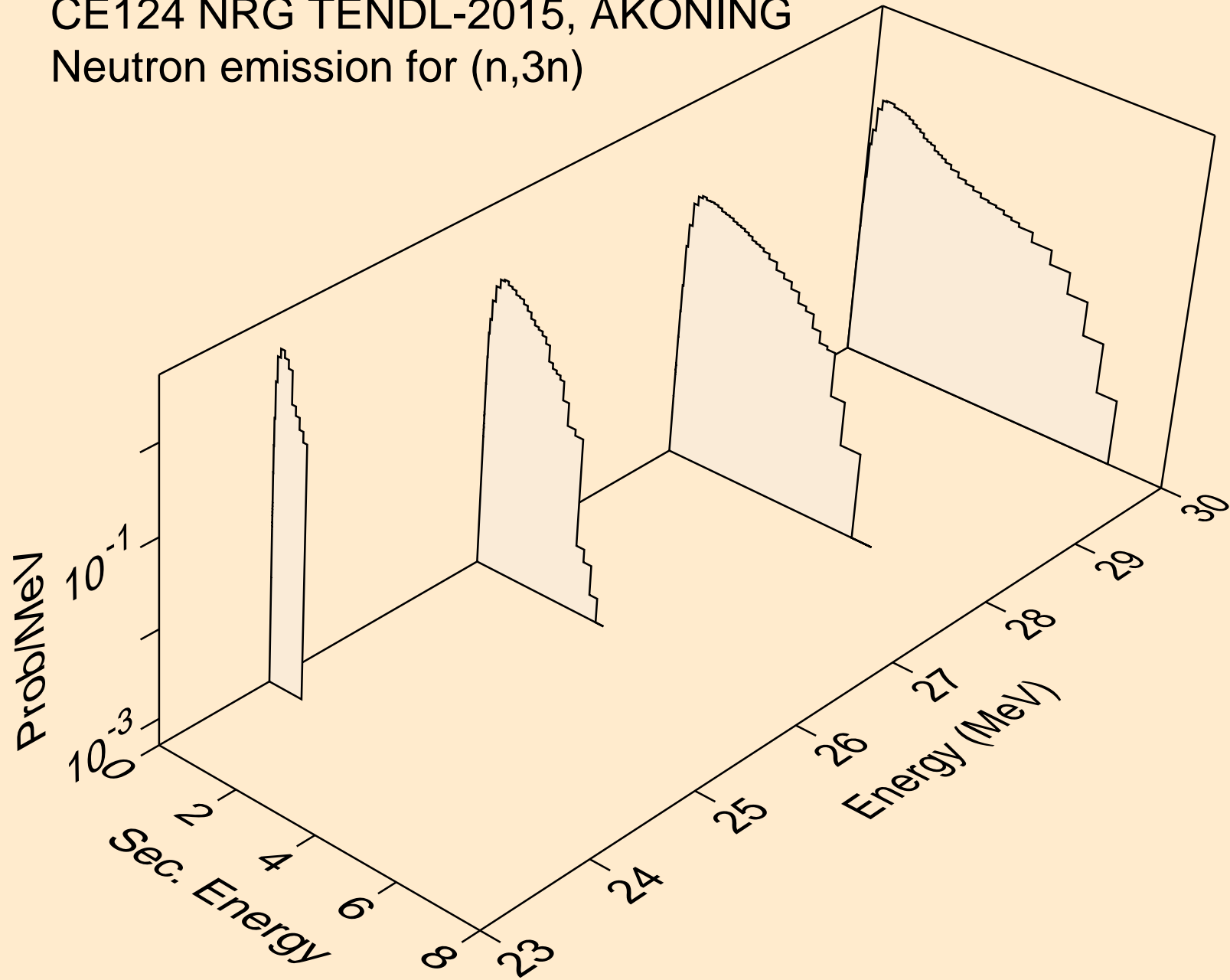
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



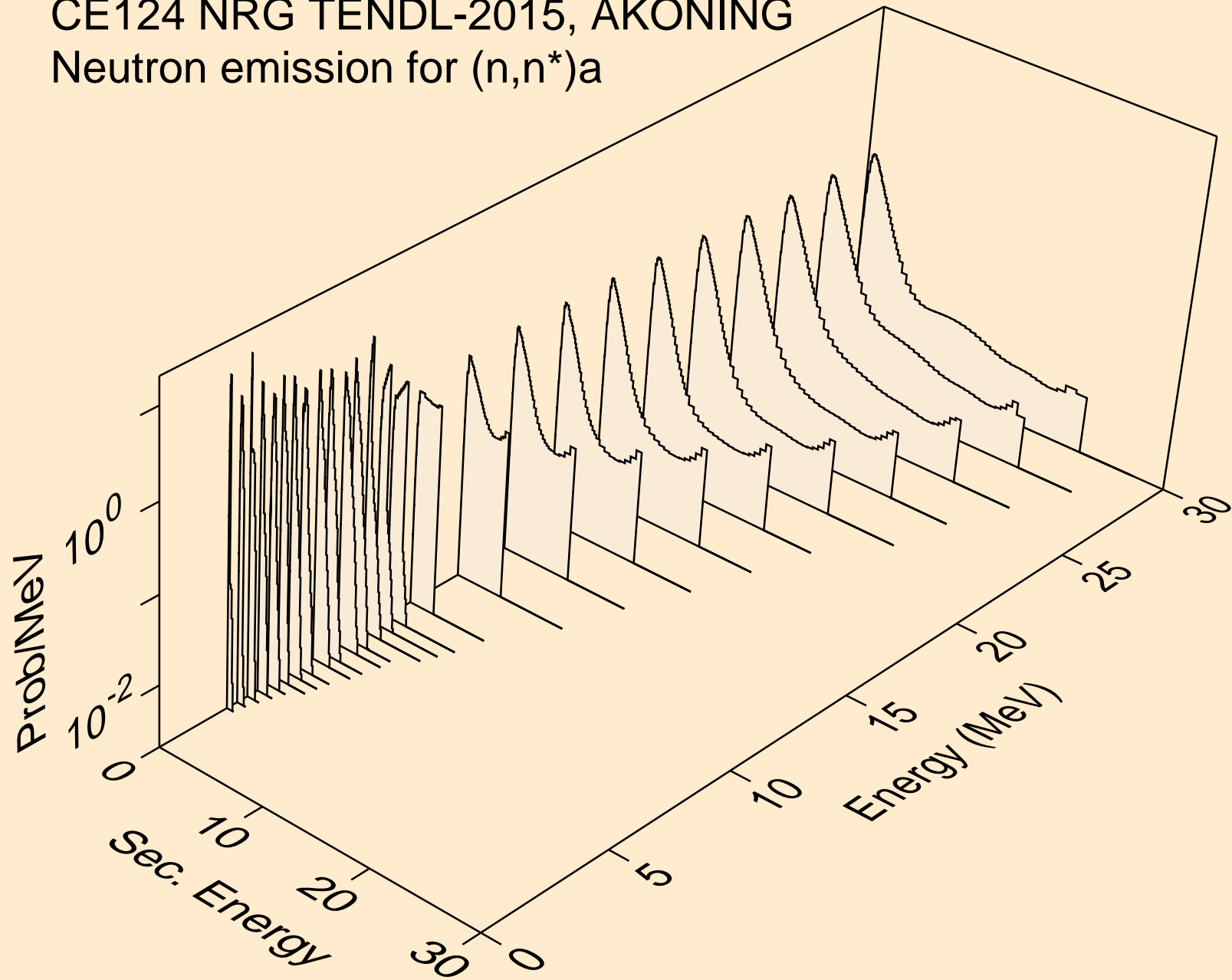
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



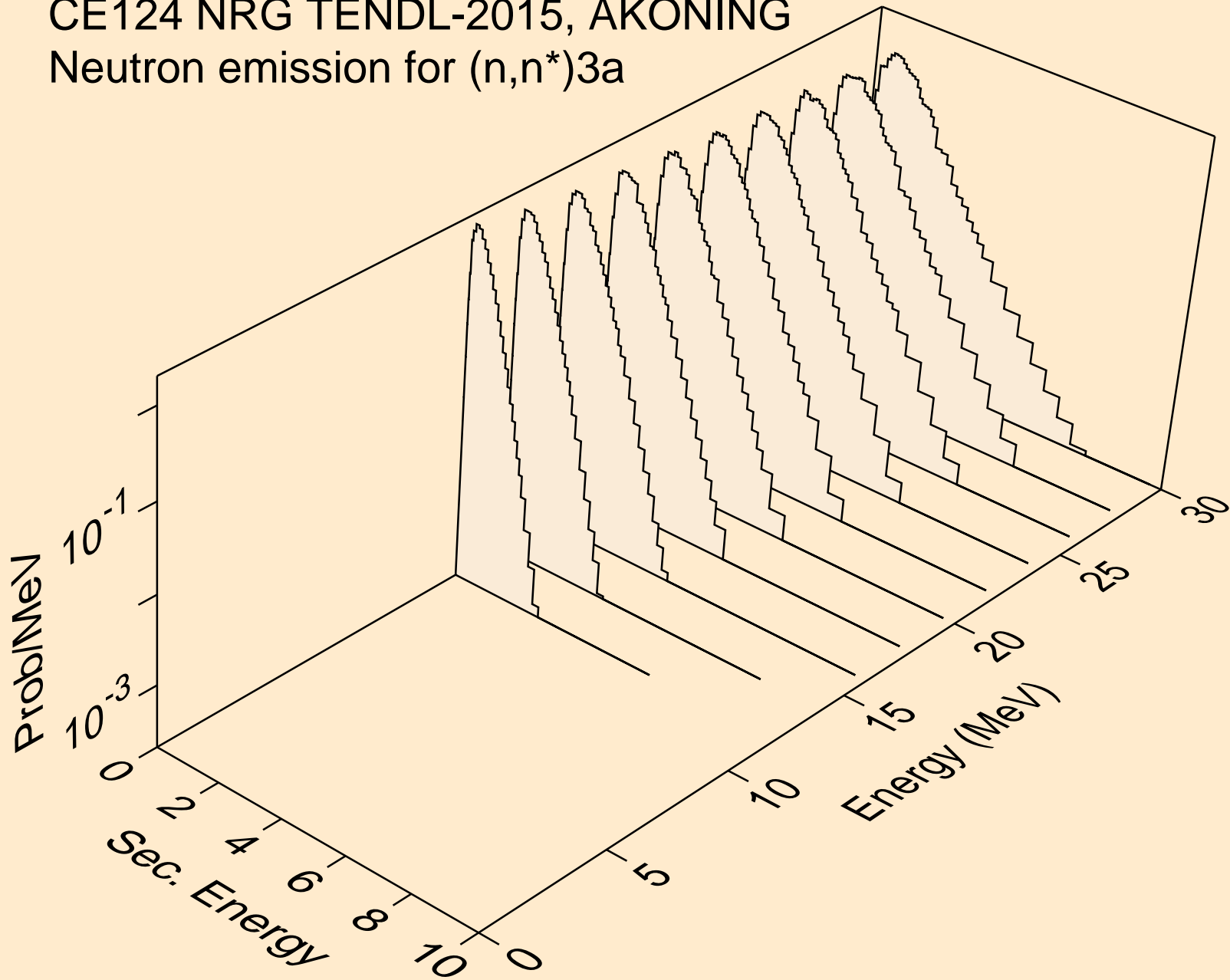
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



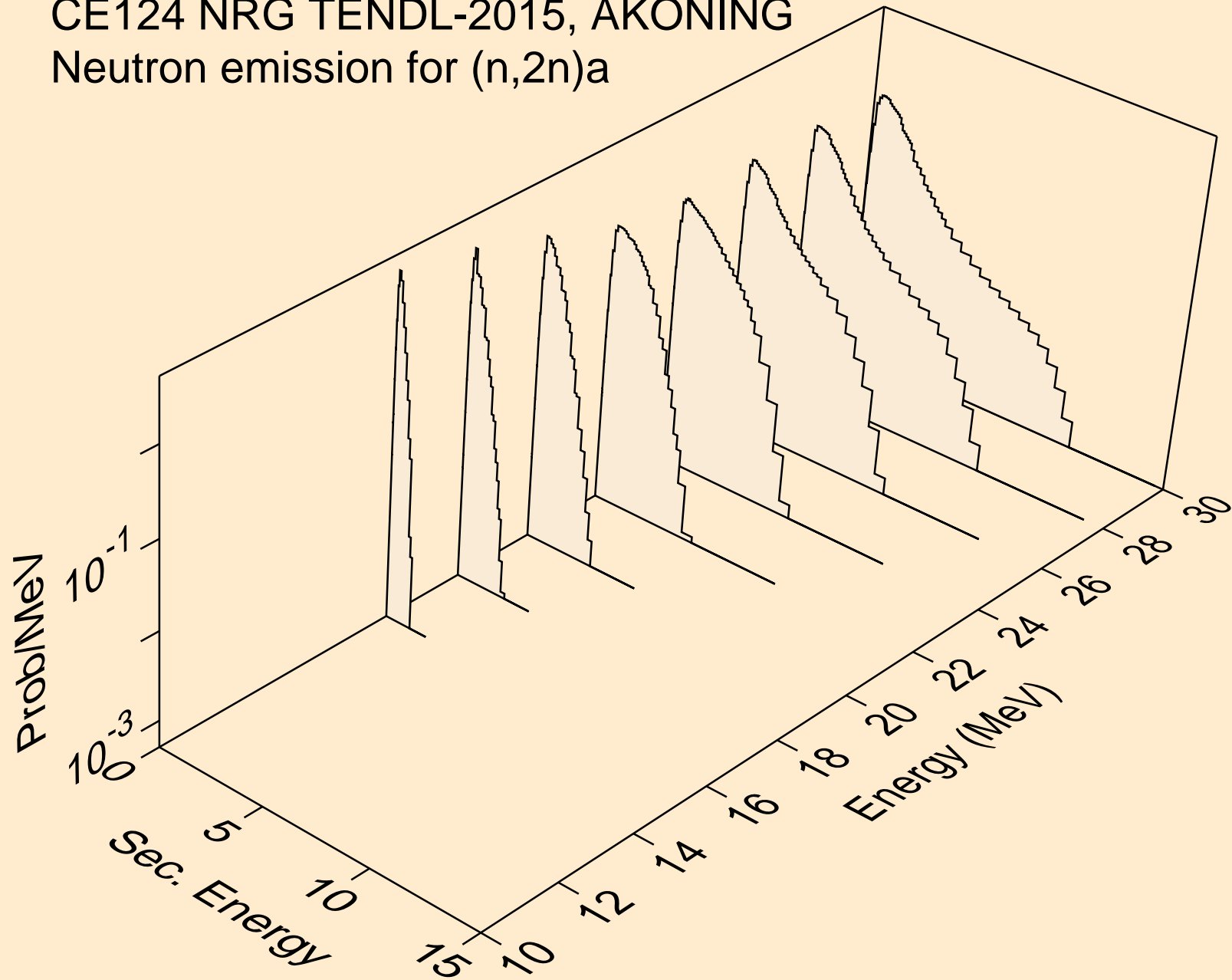
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

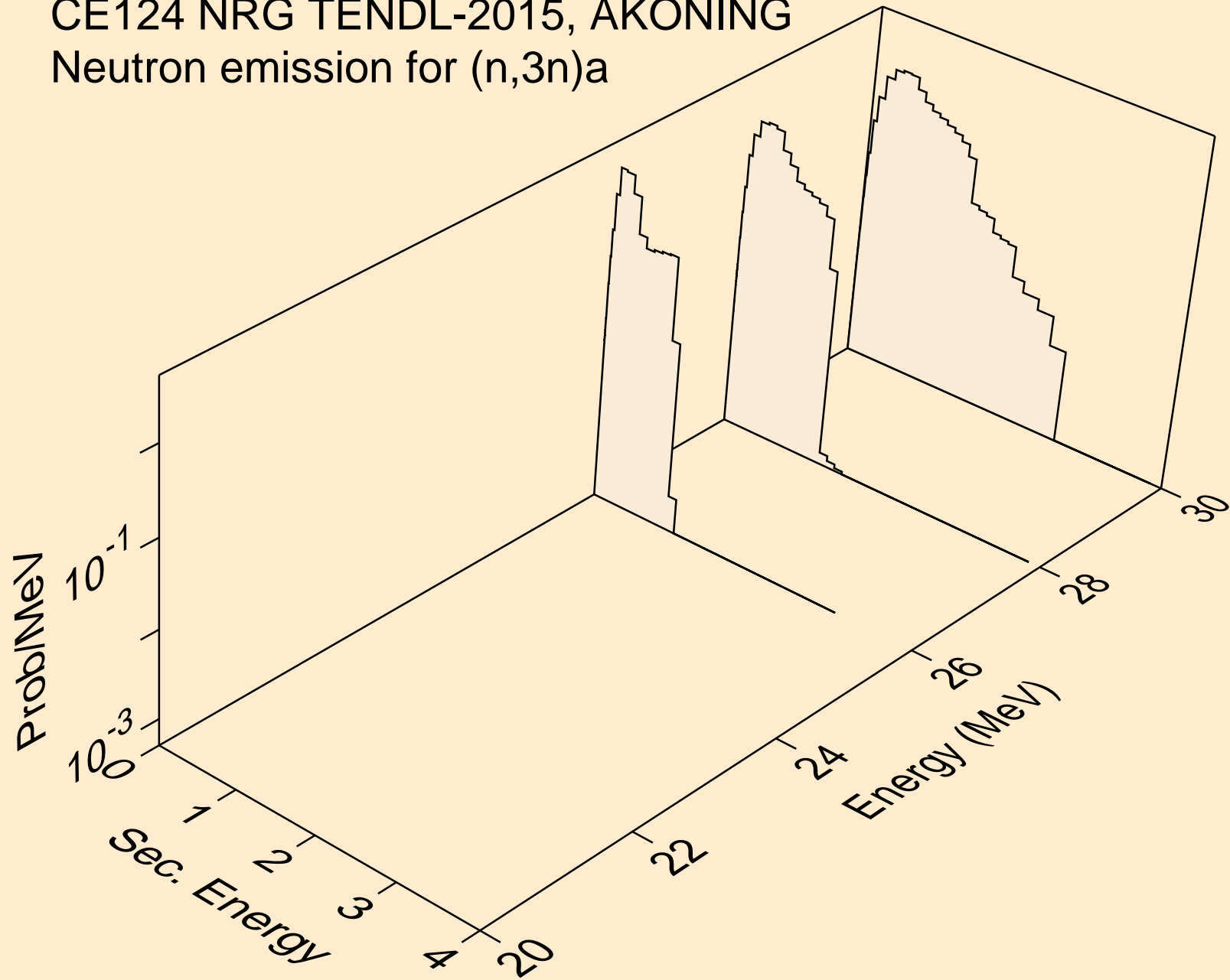


CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>a</sub>

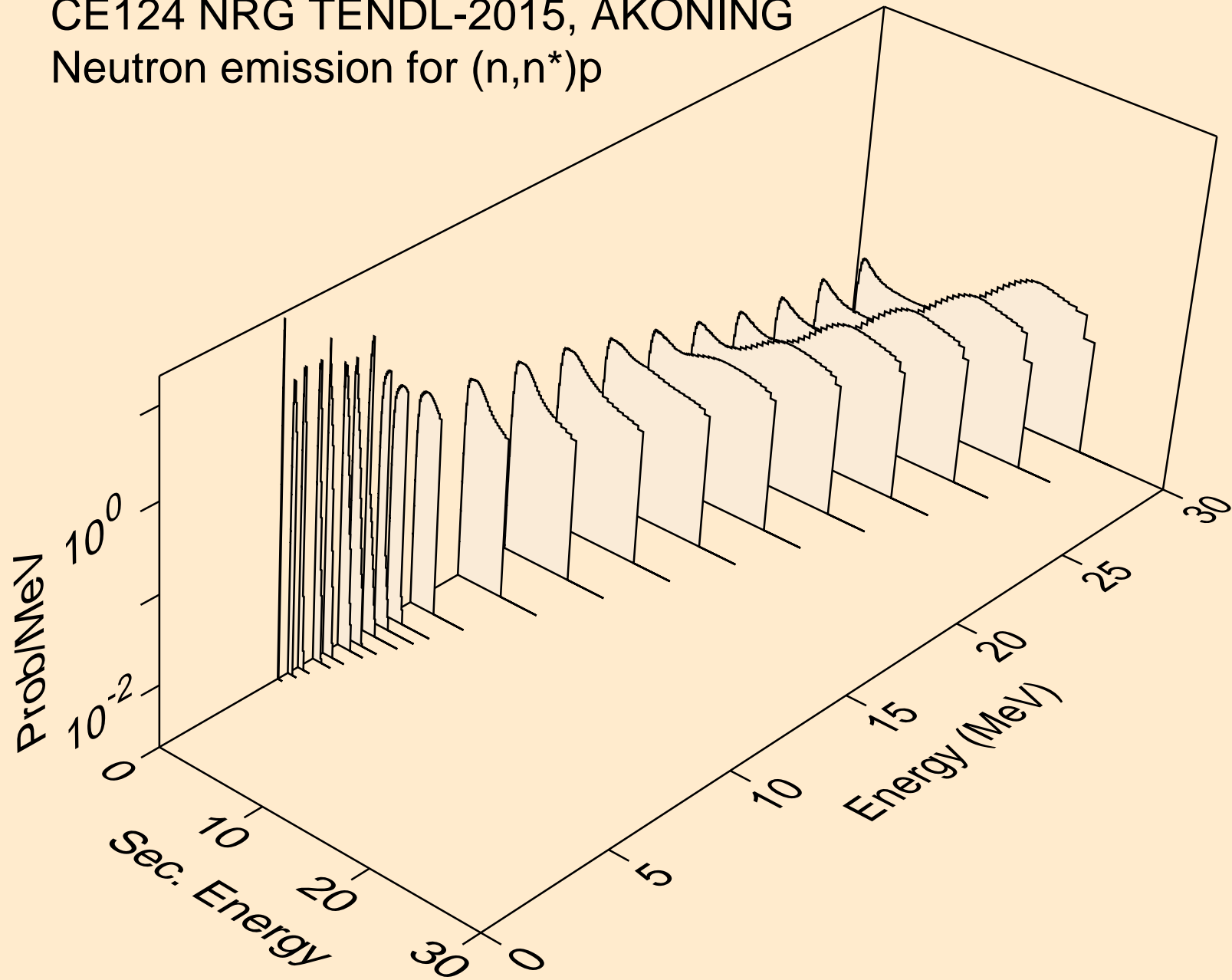




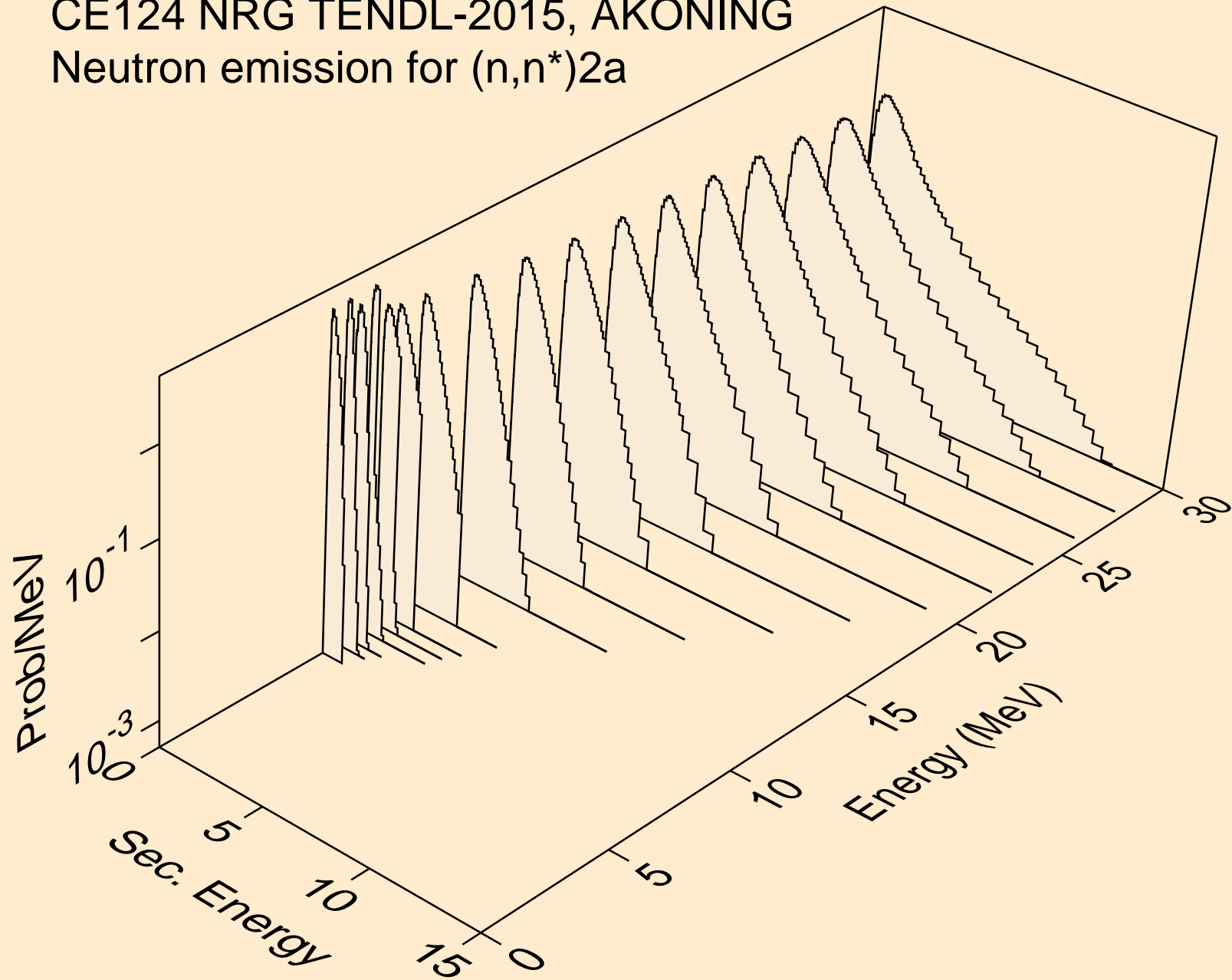
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



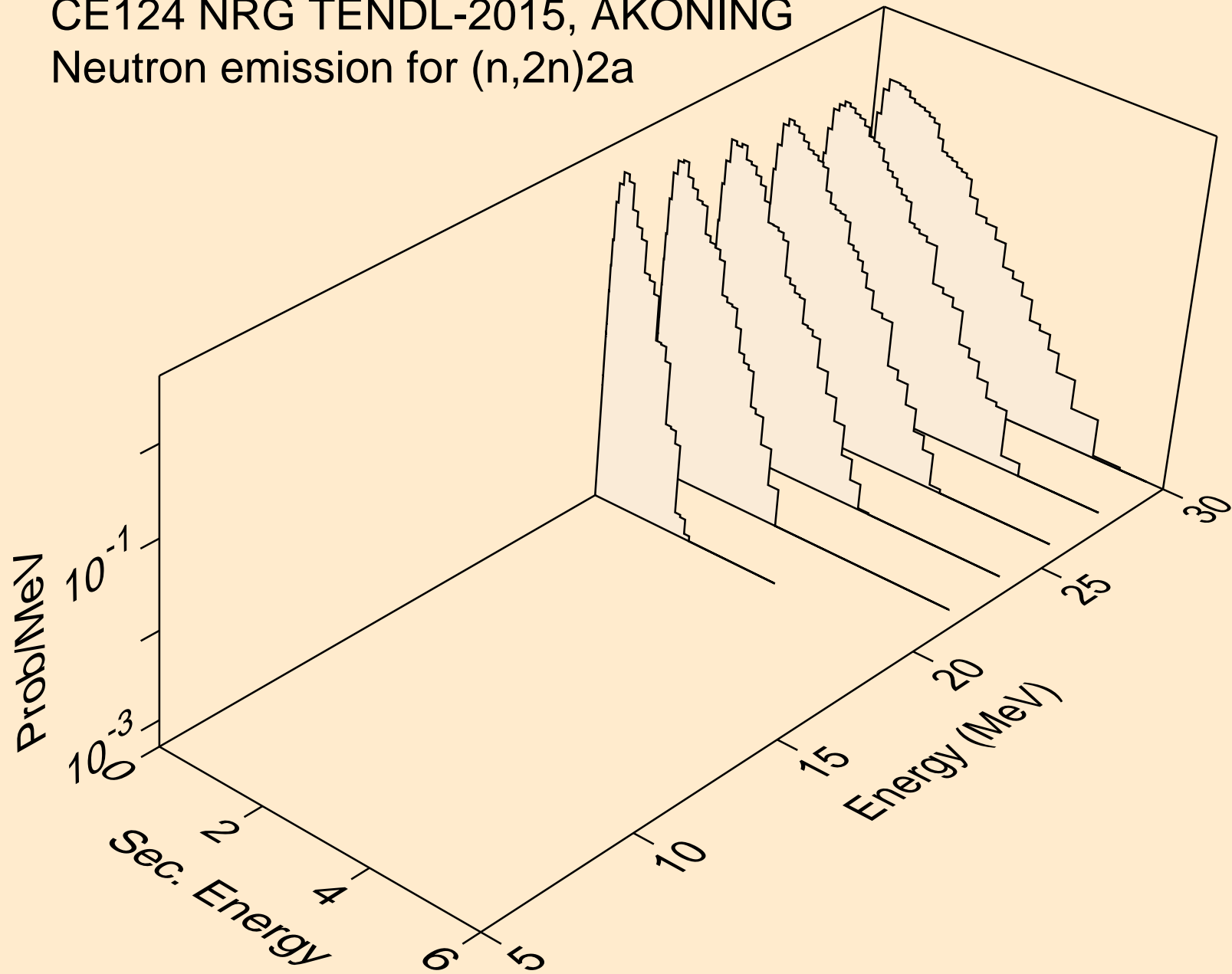
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



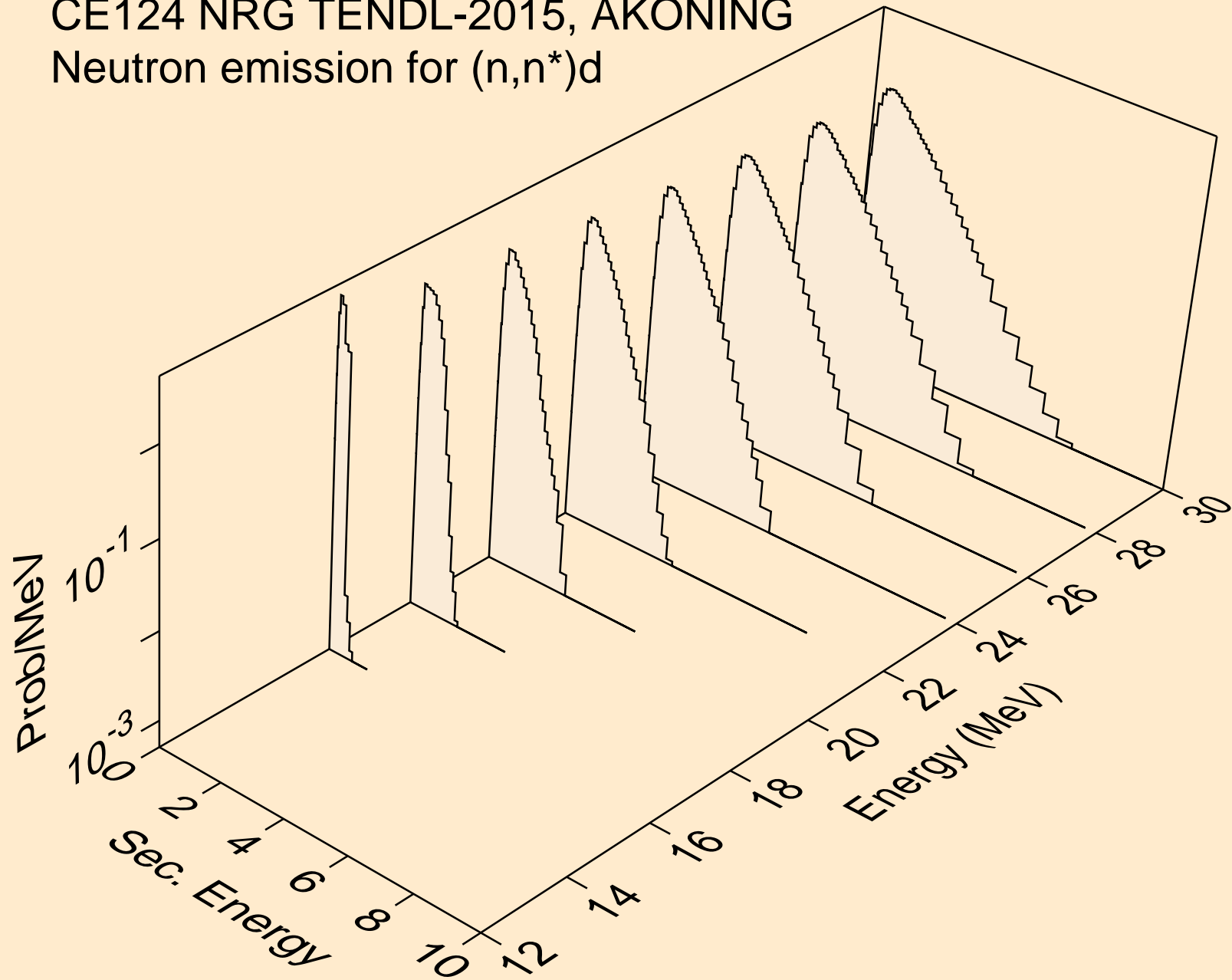
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



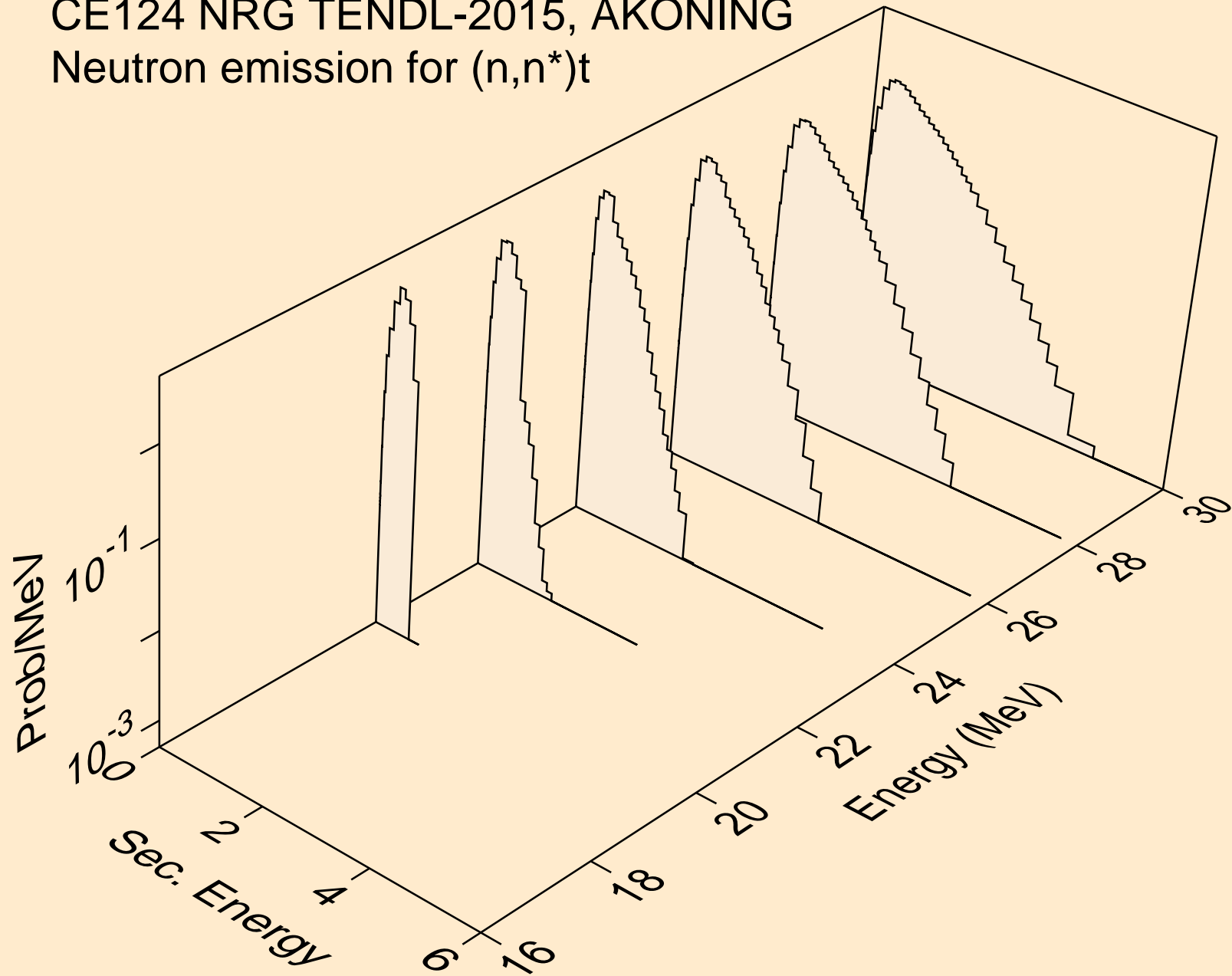
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



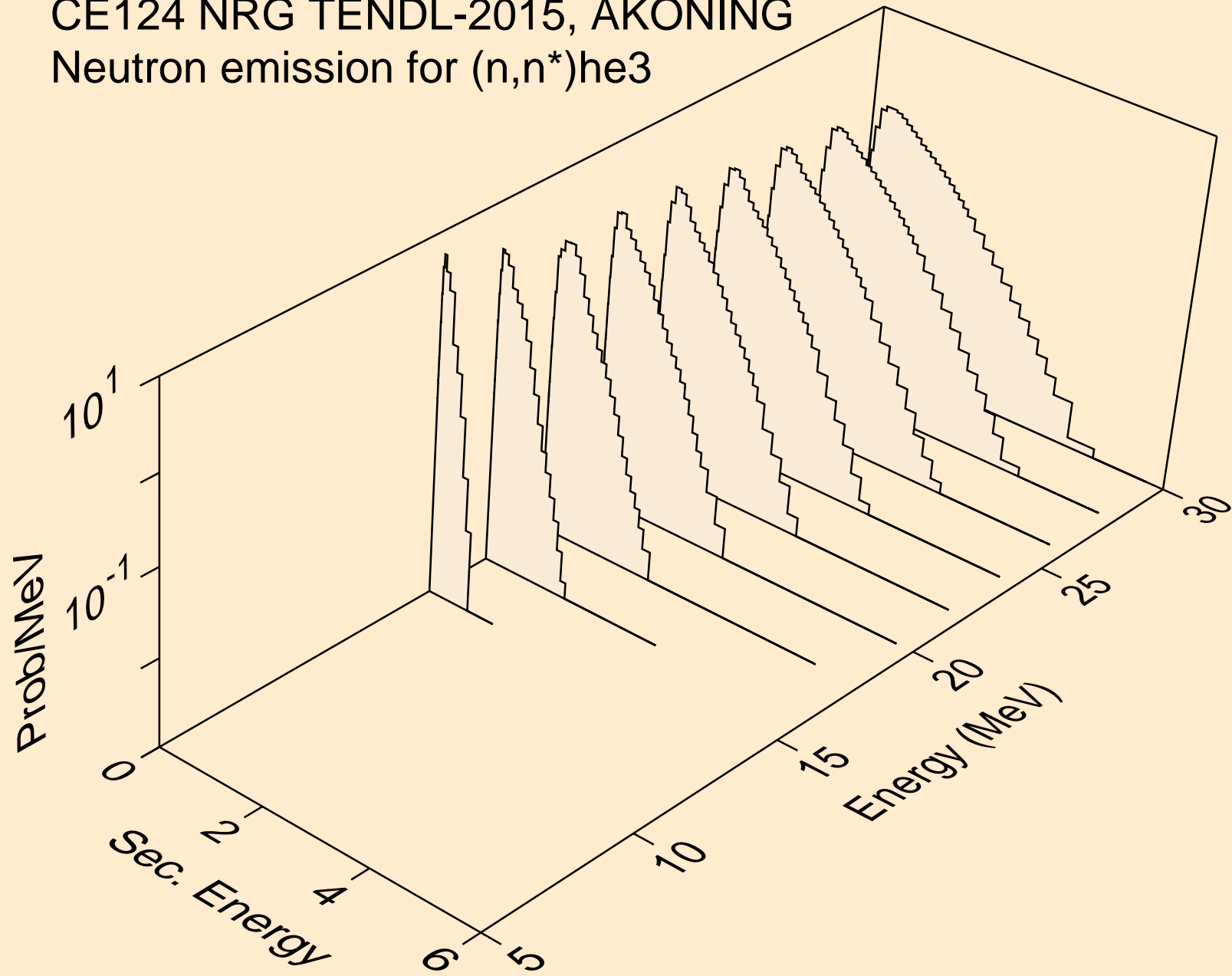
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



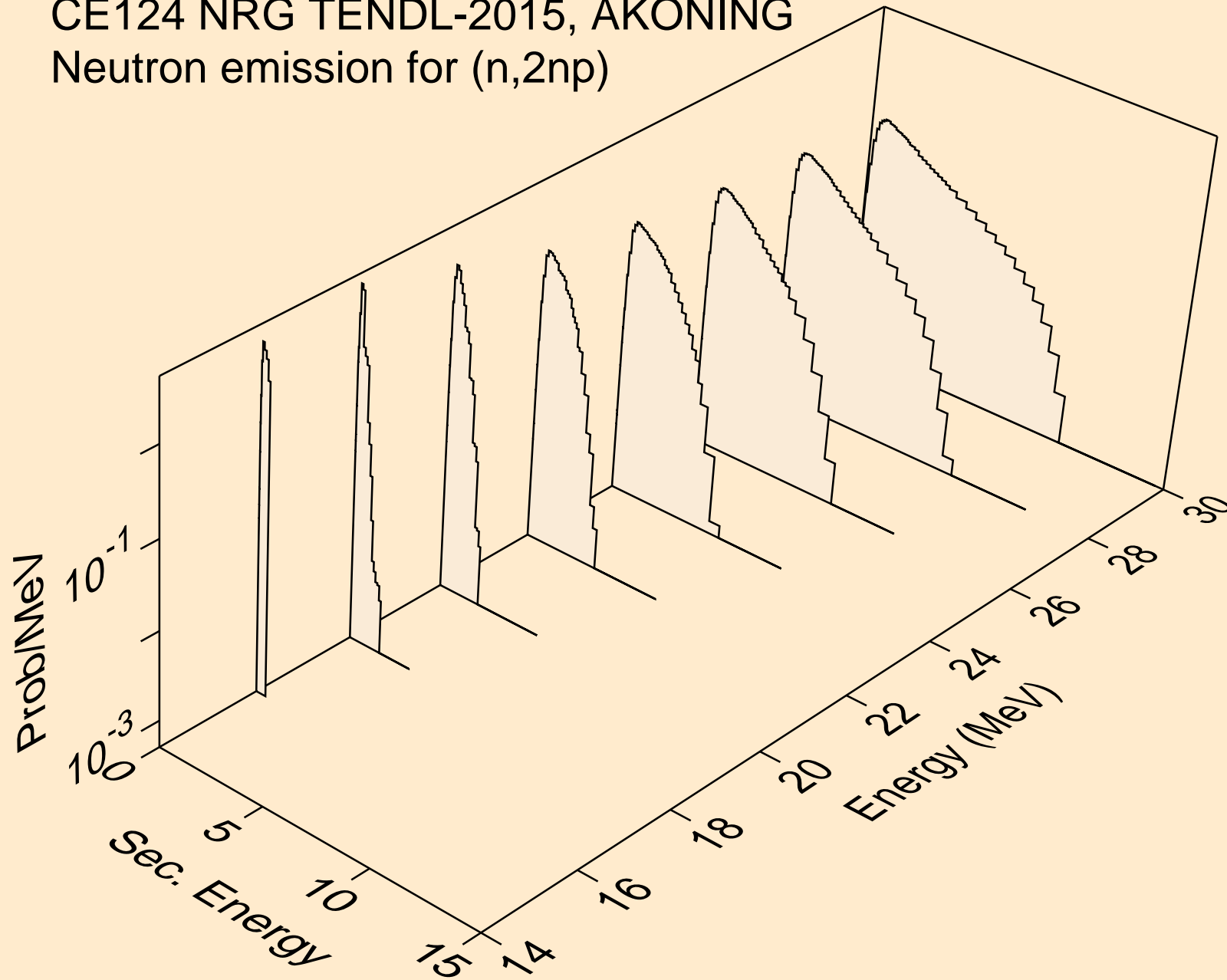
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

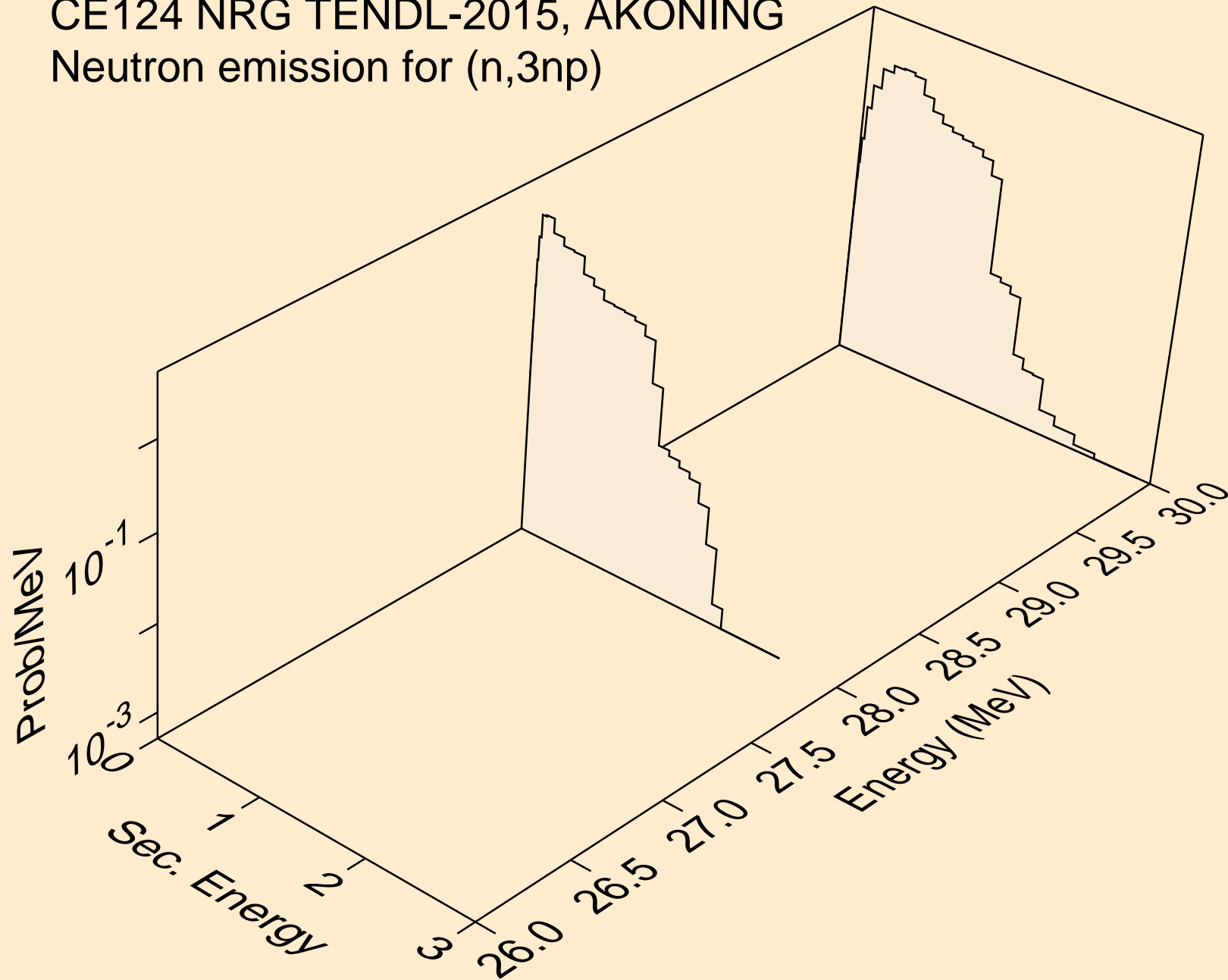


CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

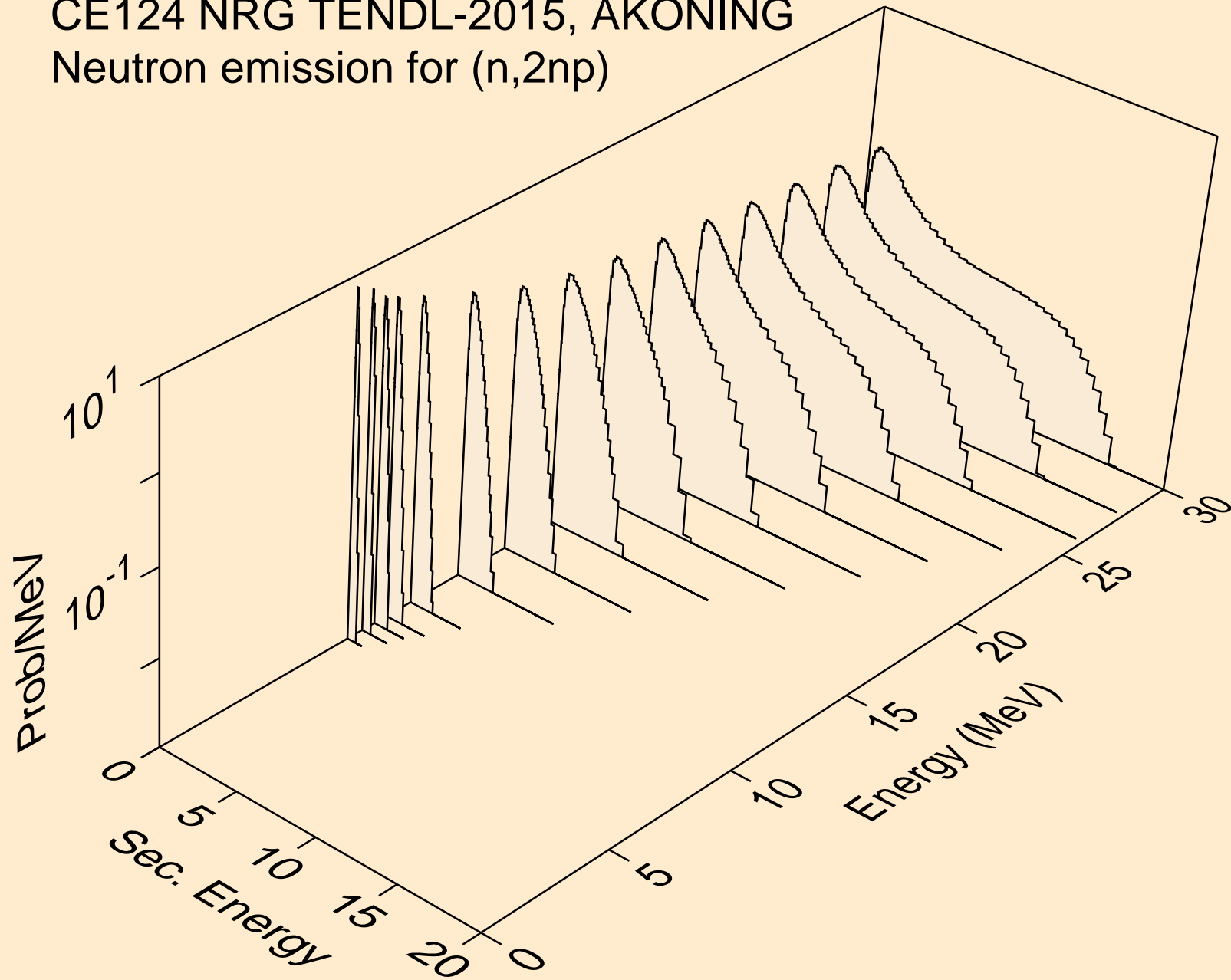




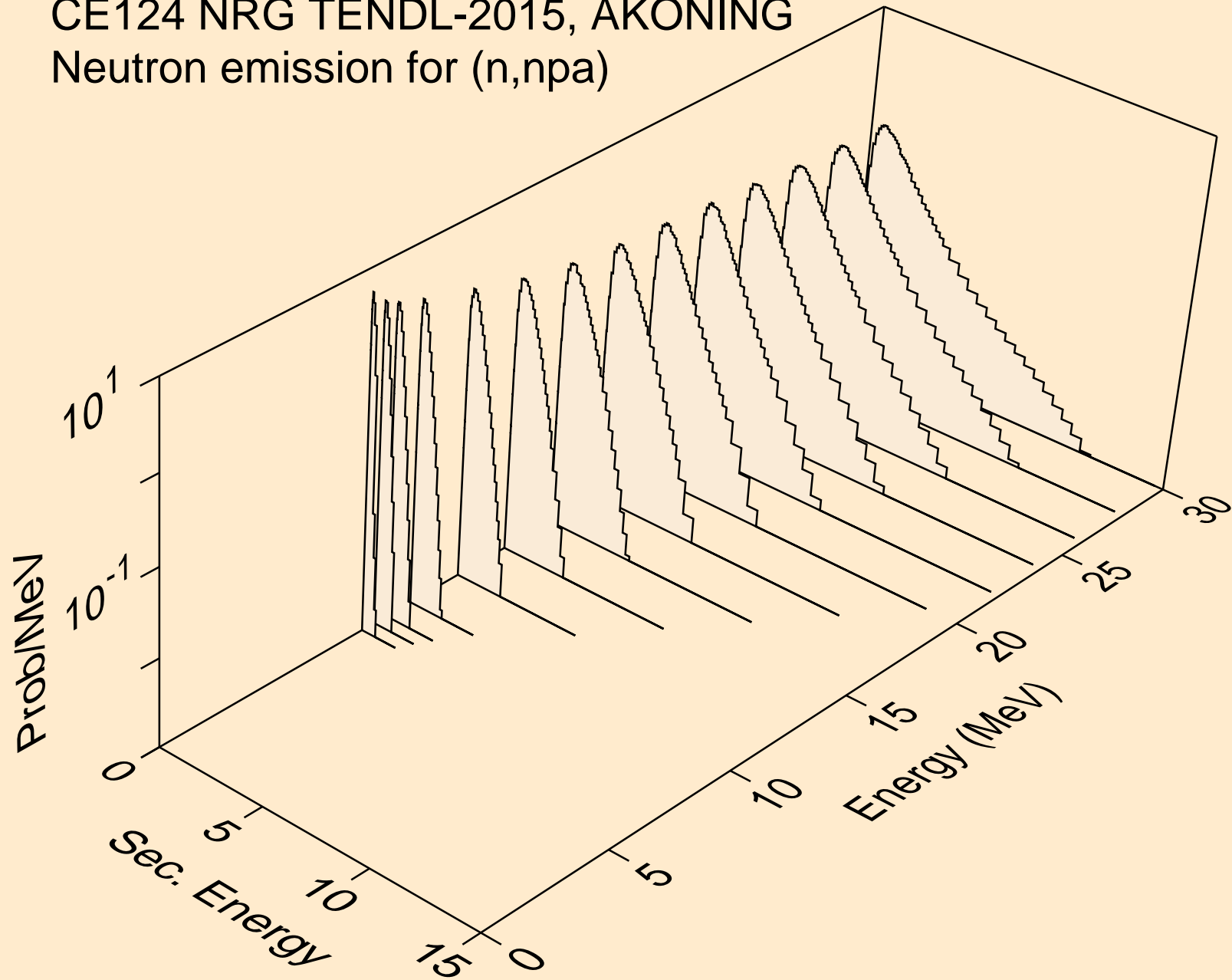
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



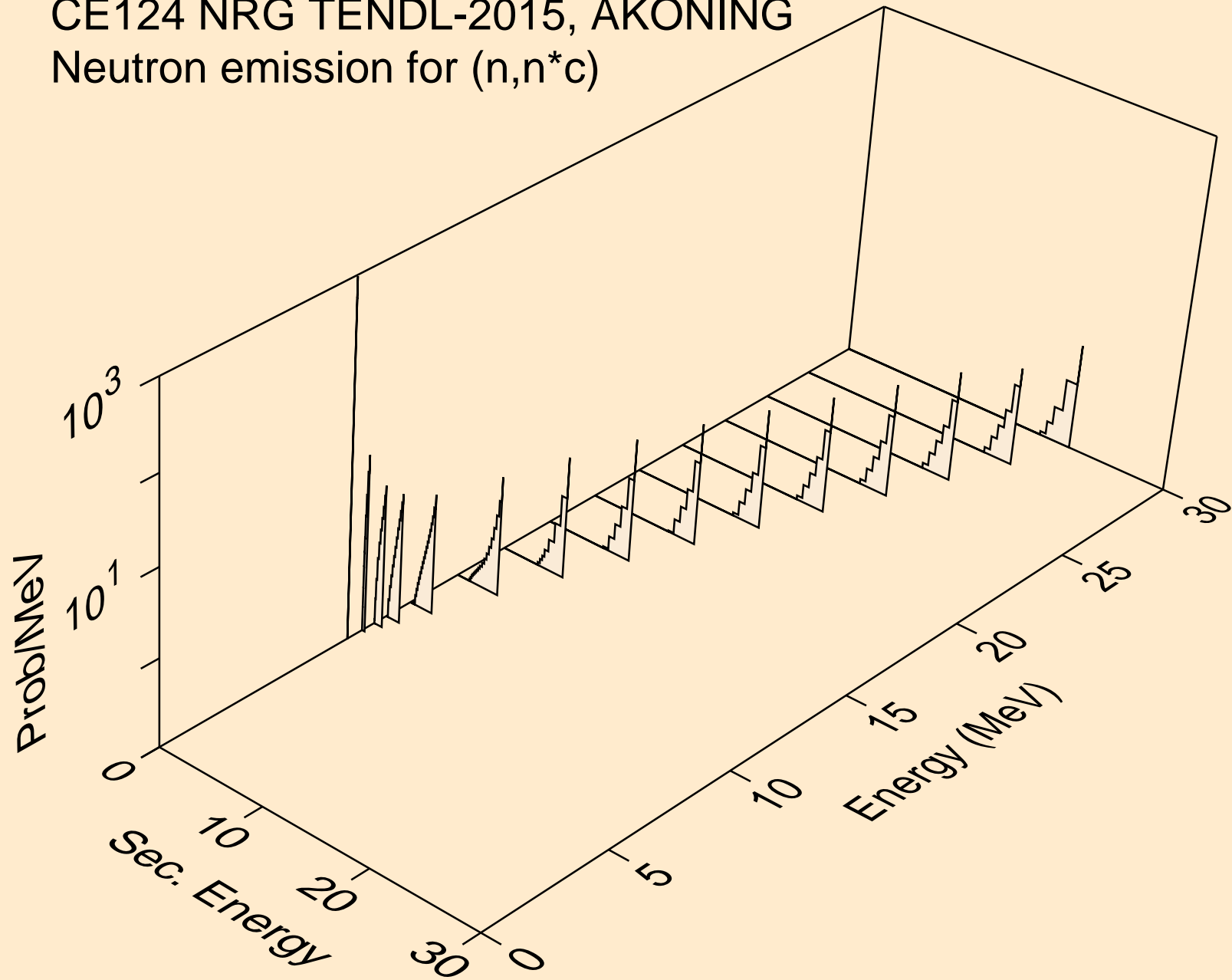
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



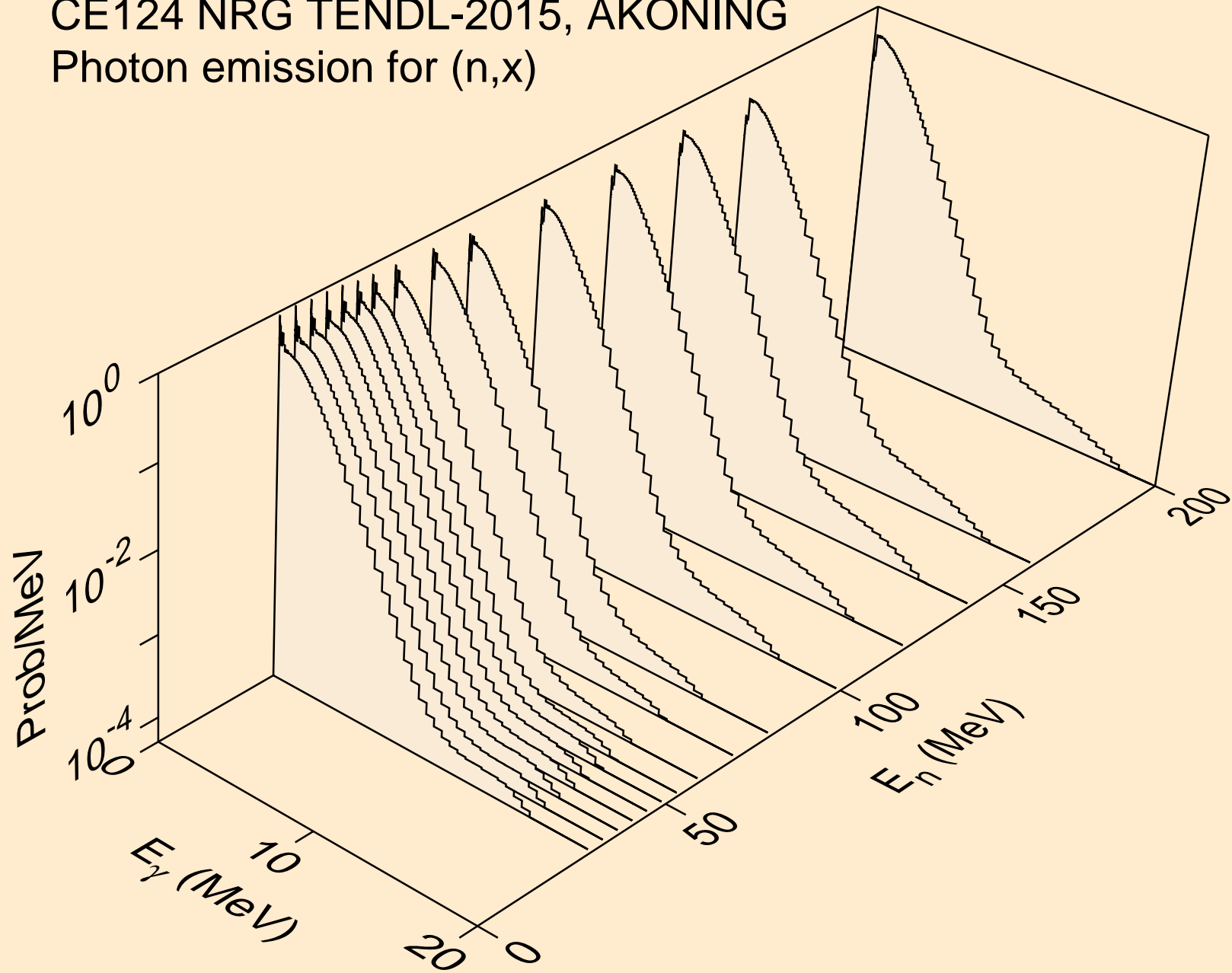
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



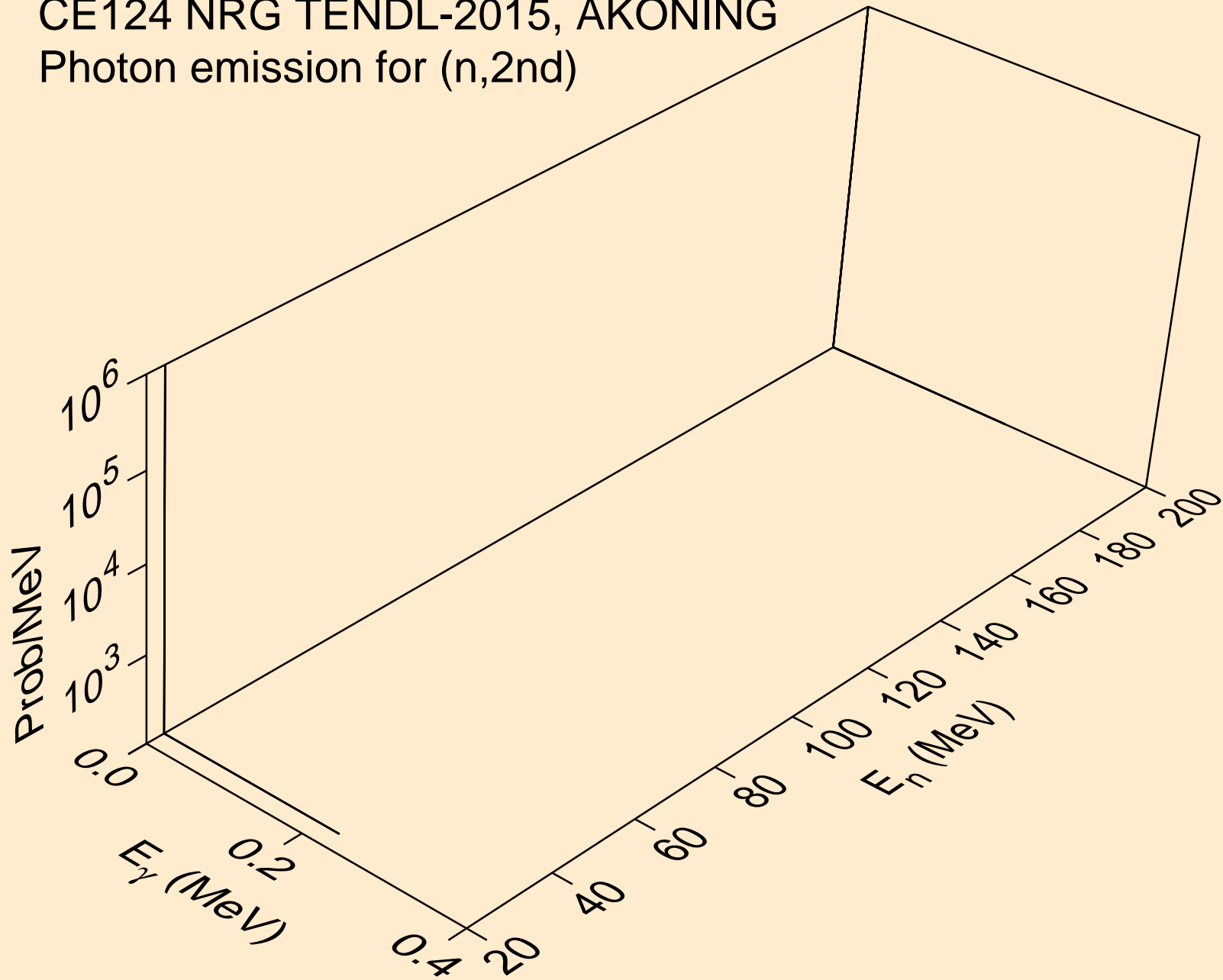
CE124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



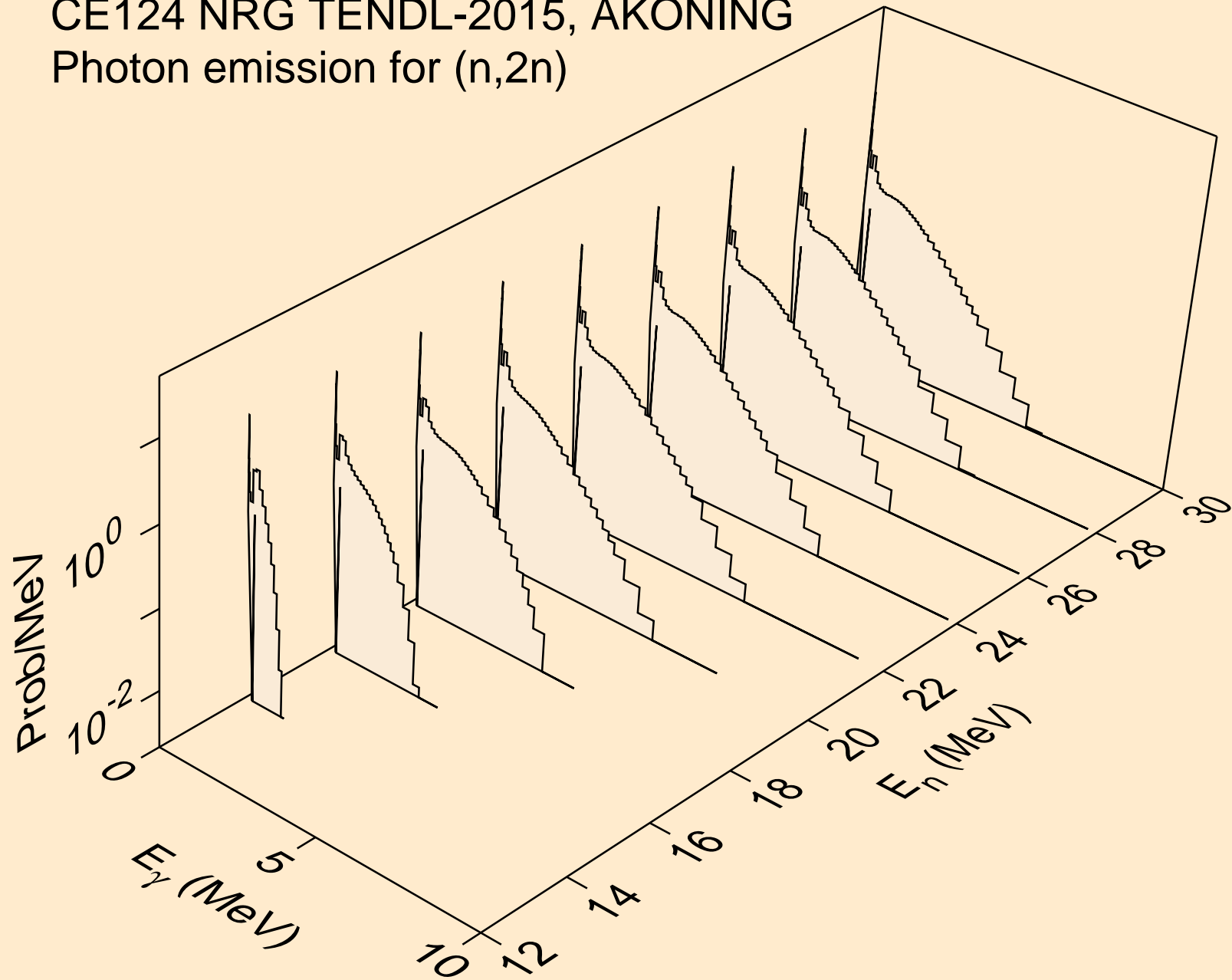
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



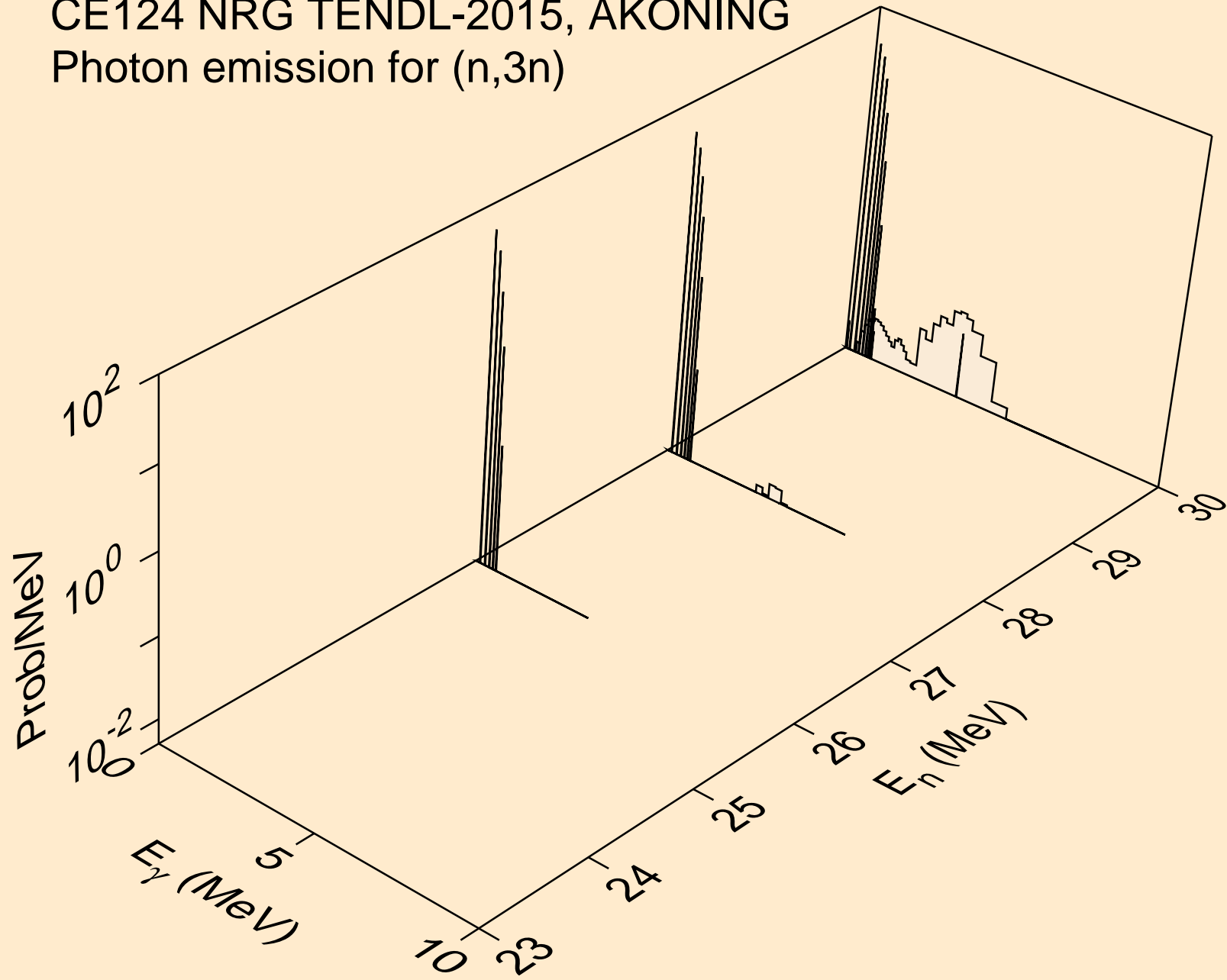
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



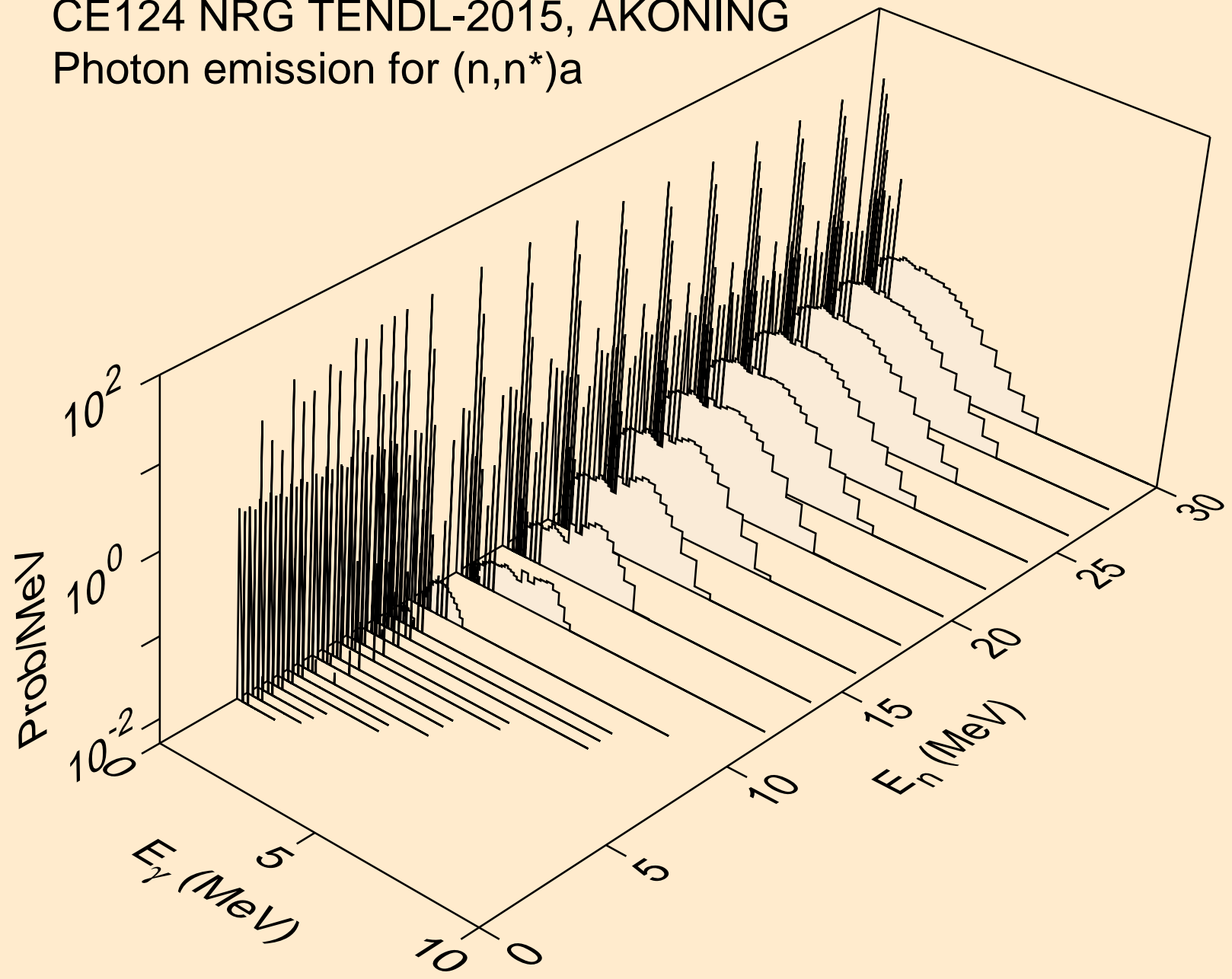
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



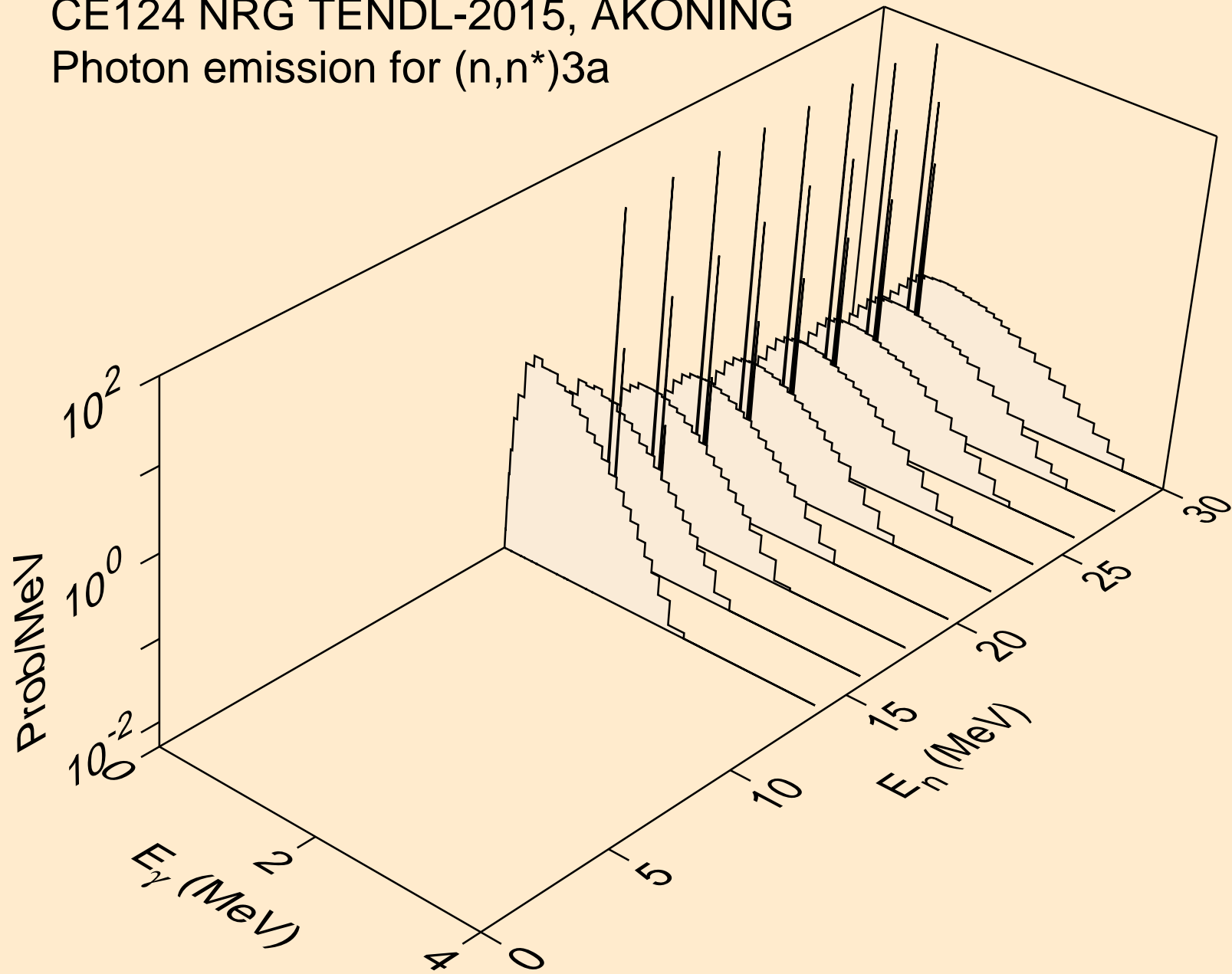


# CE124 NRG TENDL-2015, AKONING

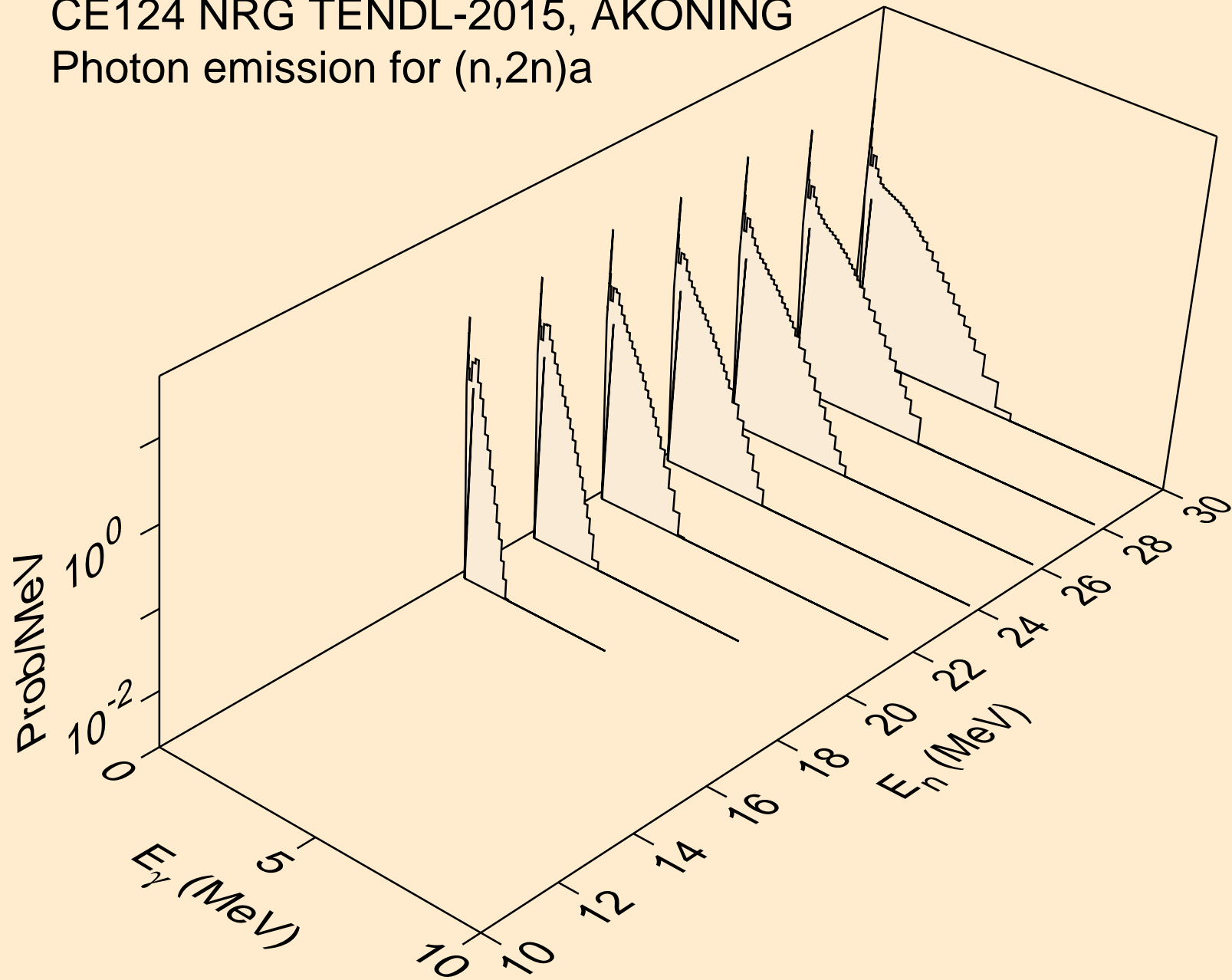
Photon emission for (n,n\*)a



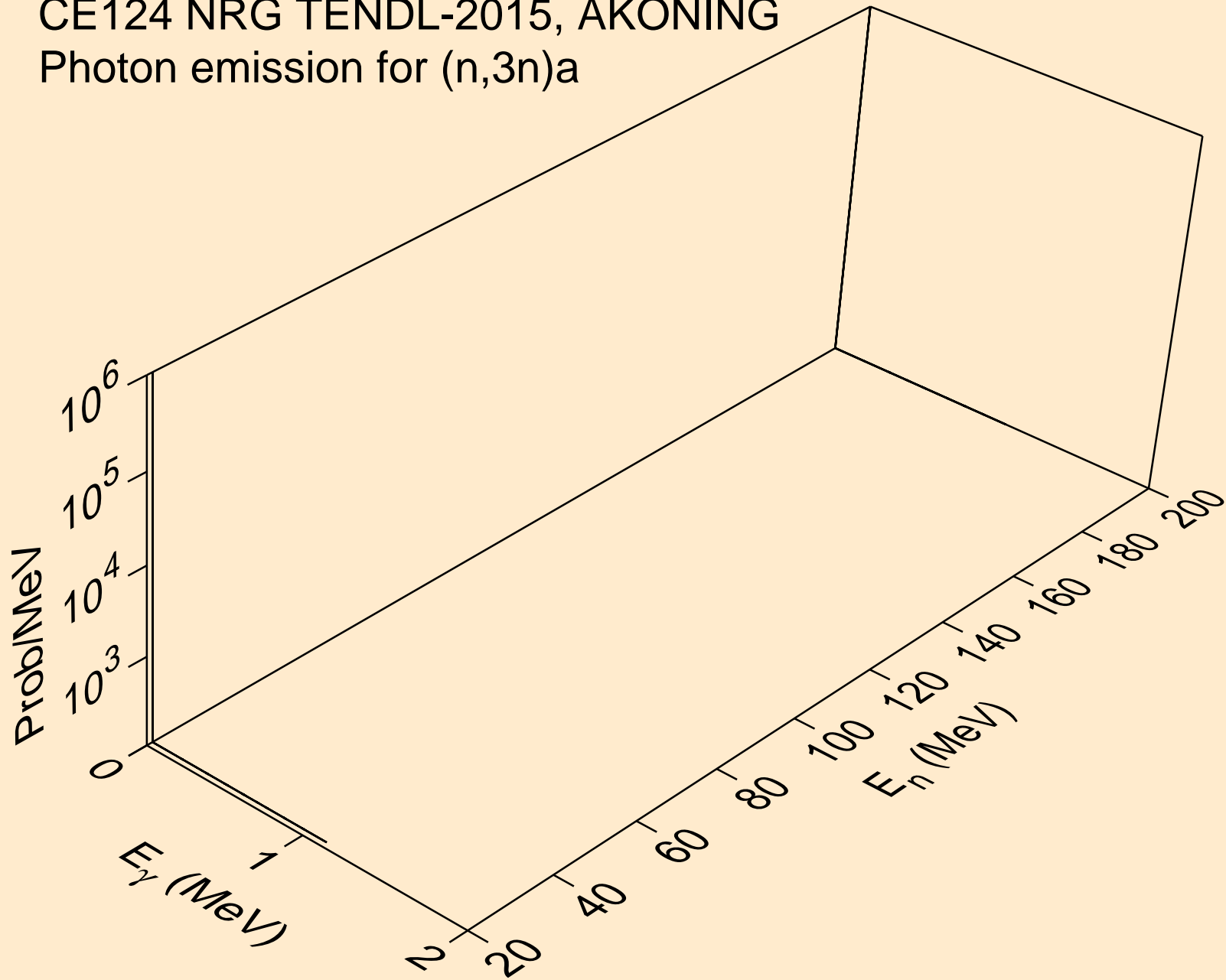
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

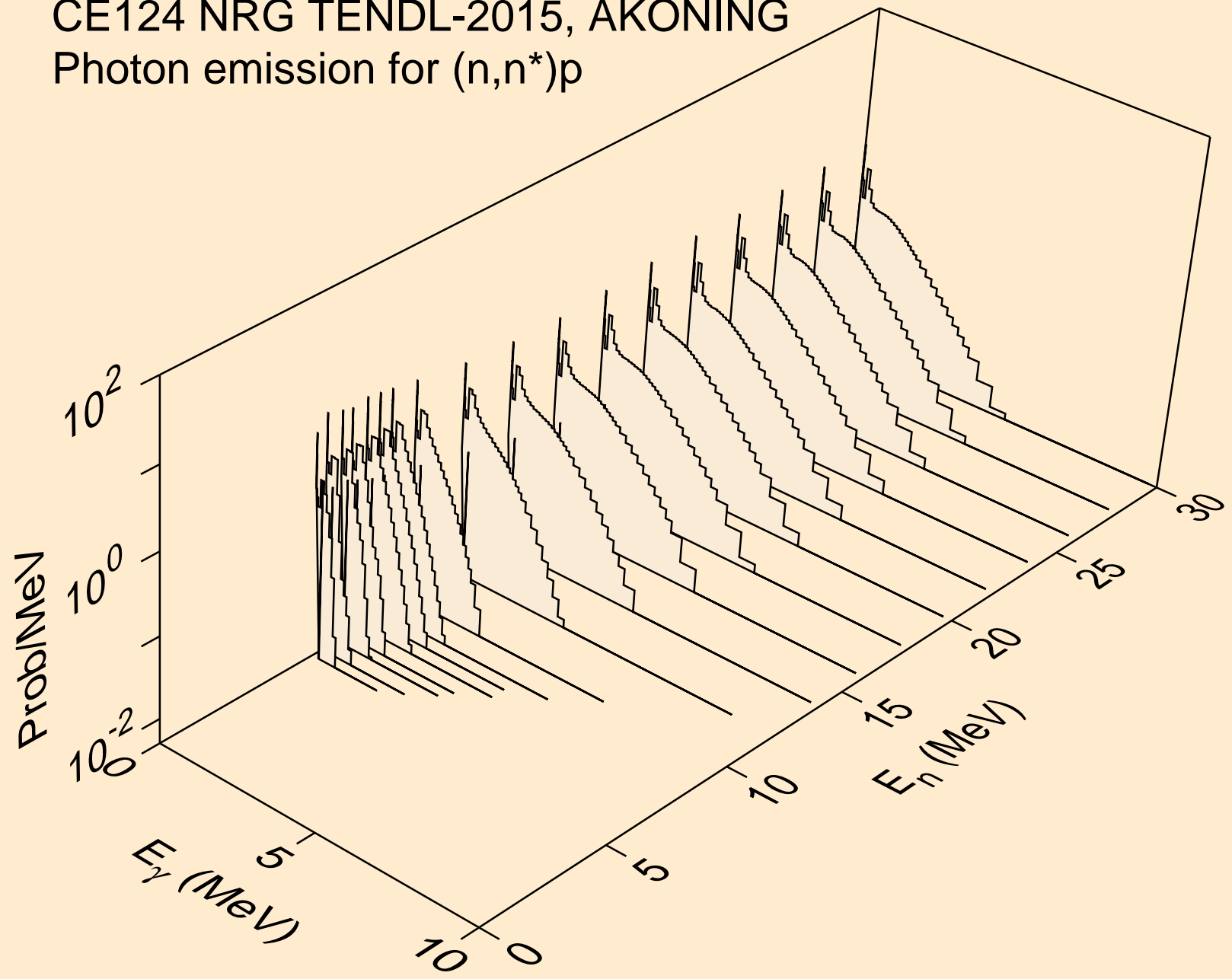


CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

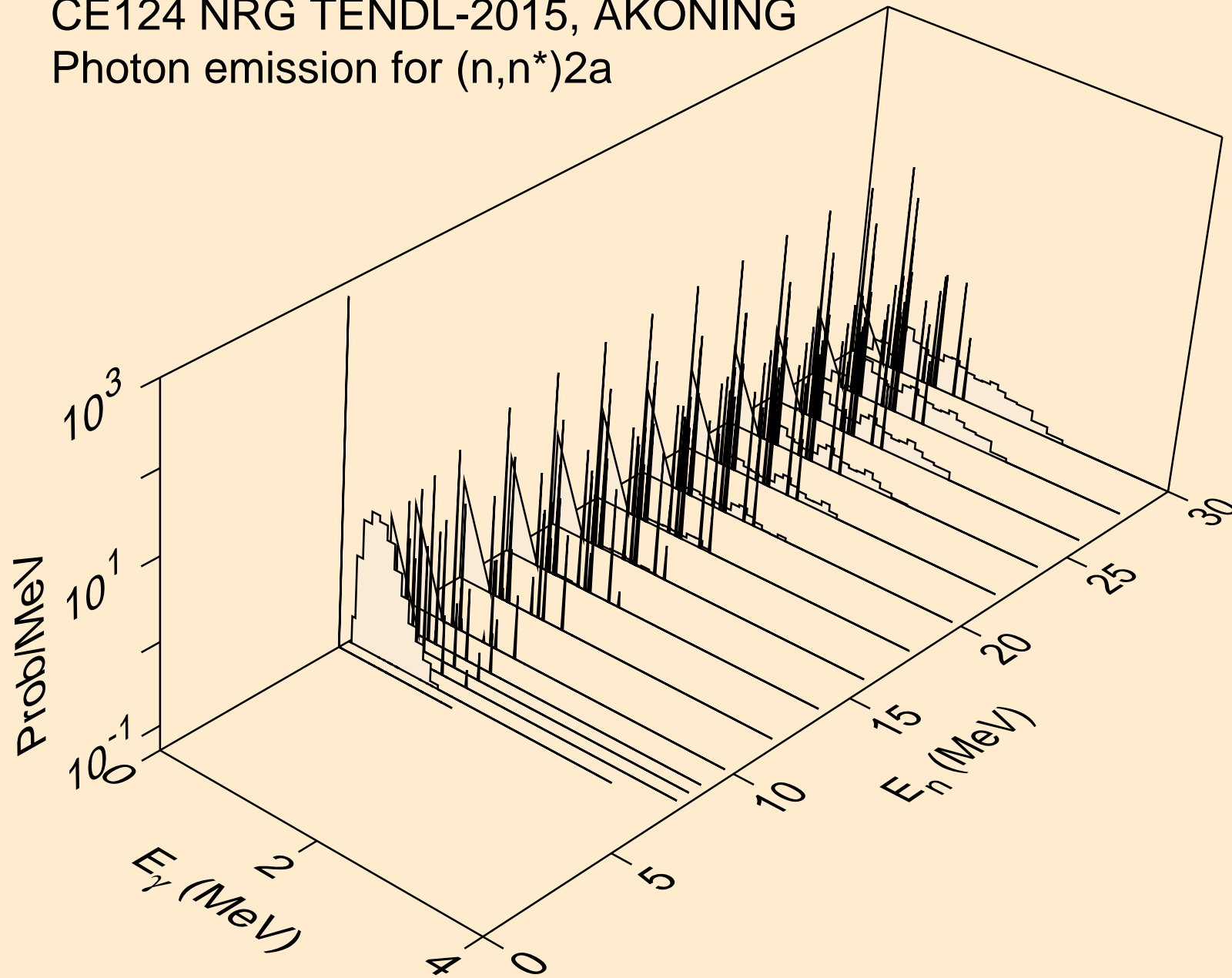


# CE124 NRG TENDL-2015, AKONING

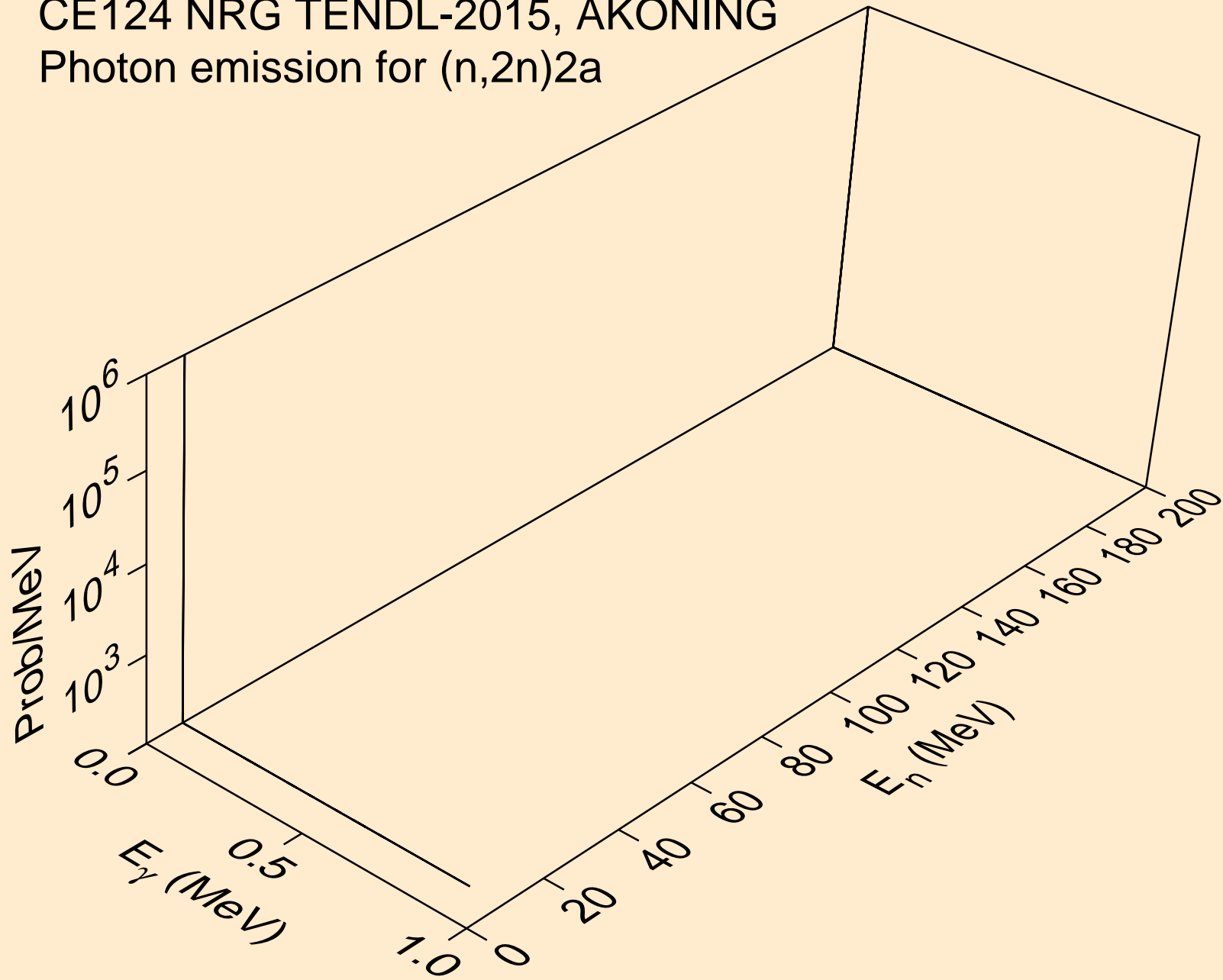
Photon emission for (n,n\*)p



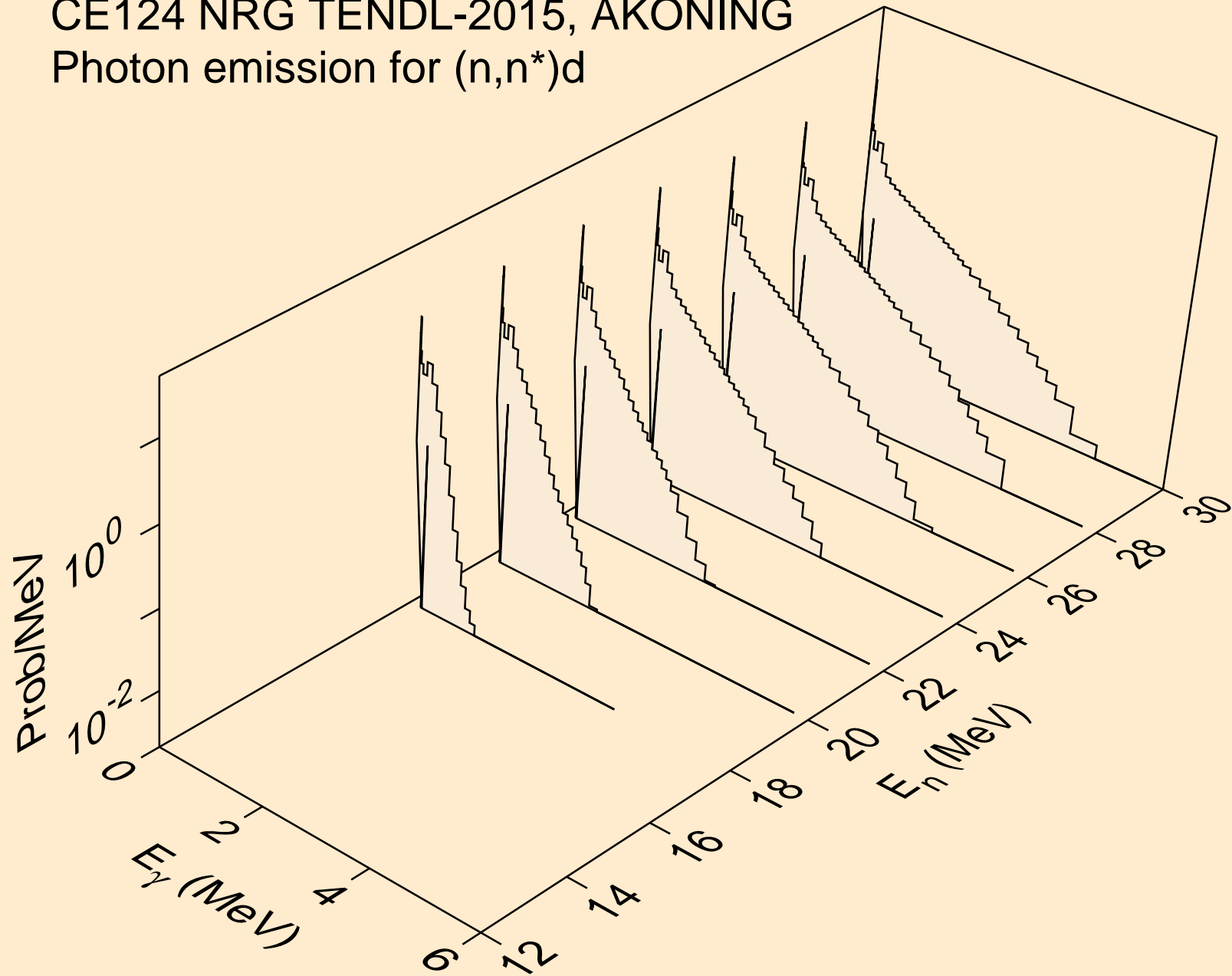
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

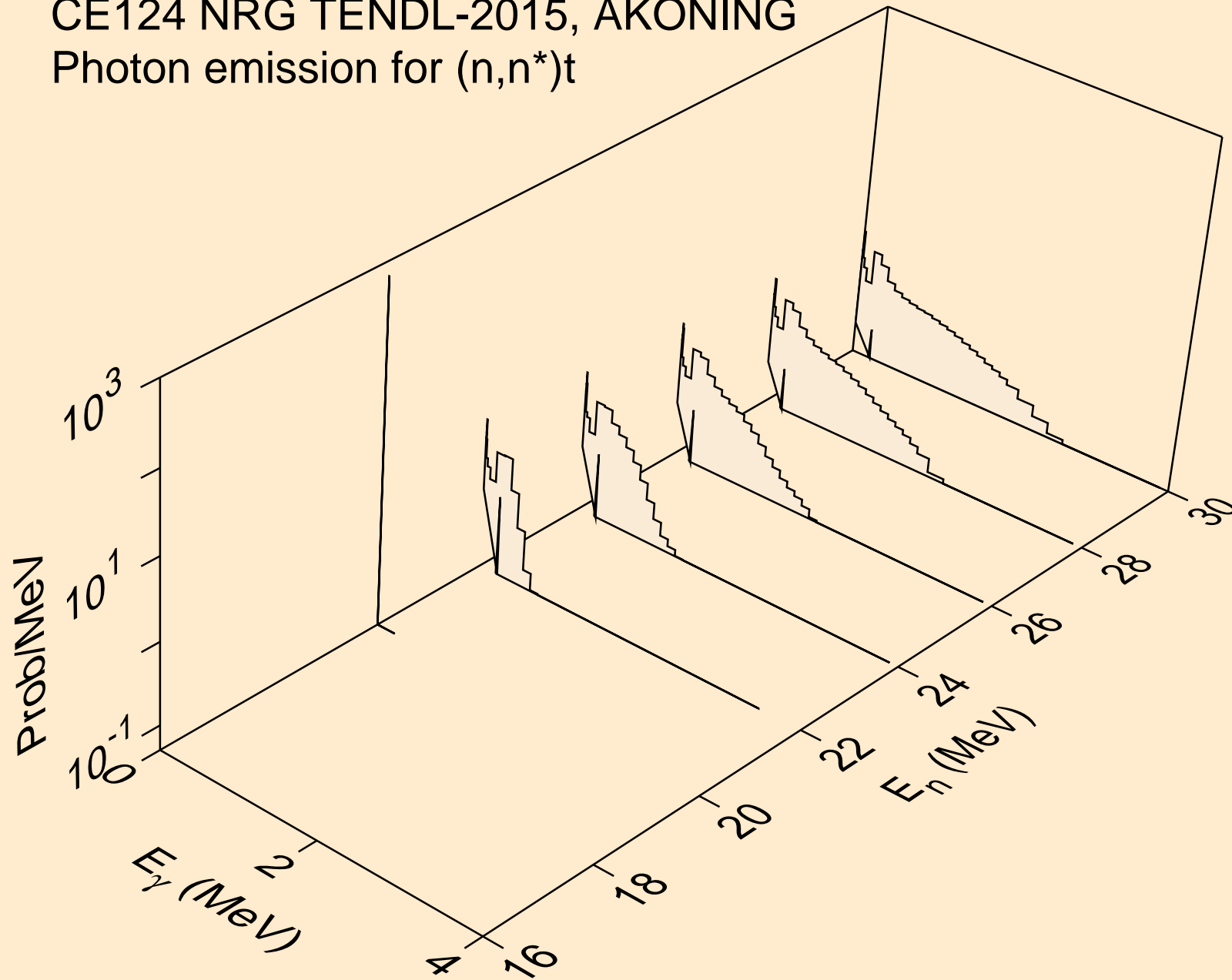


CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

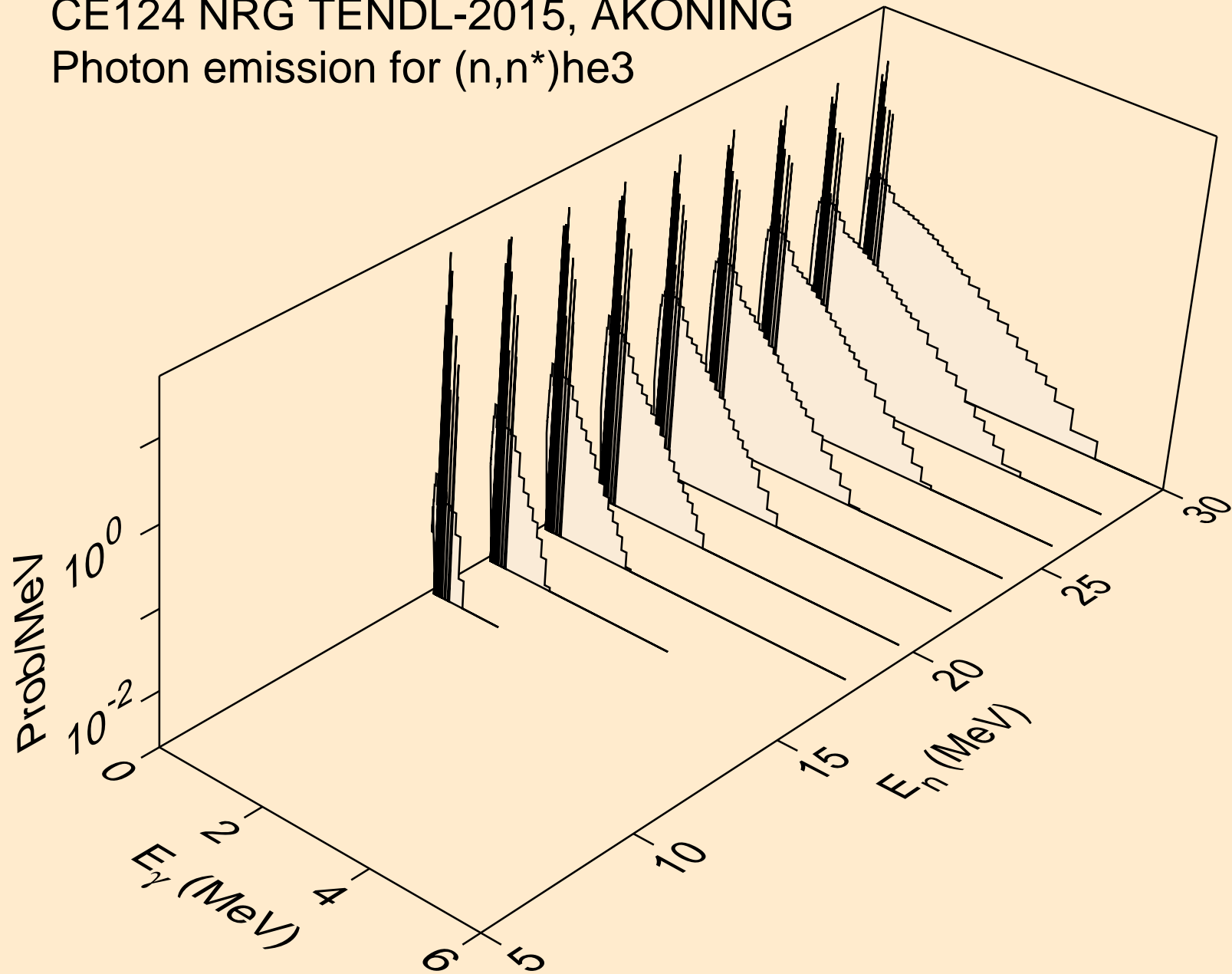




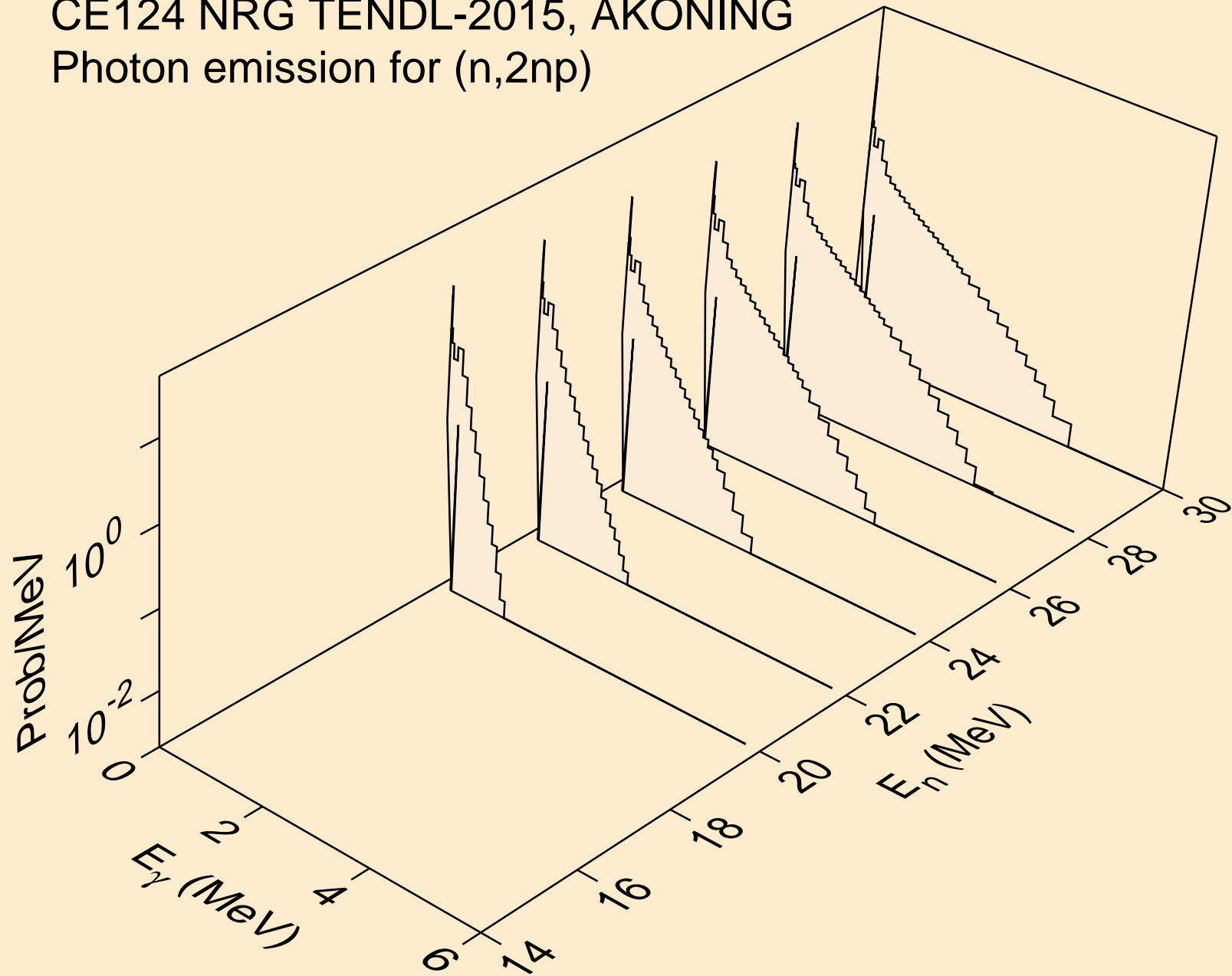
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



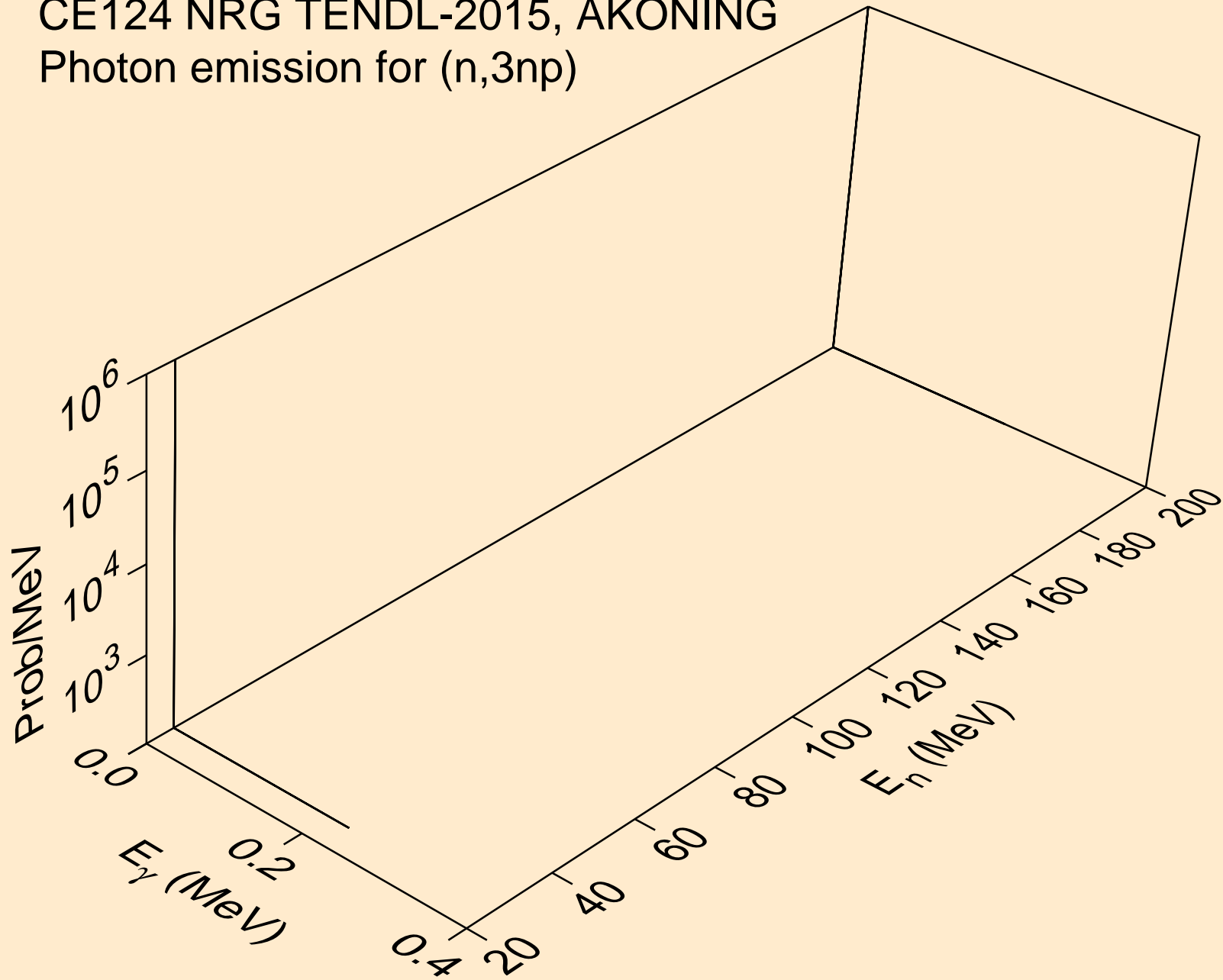
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



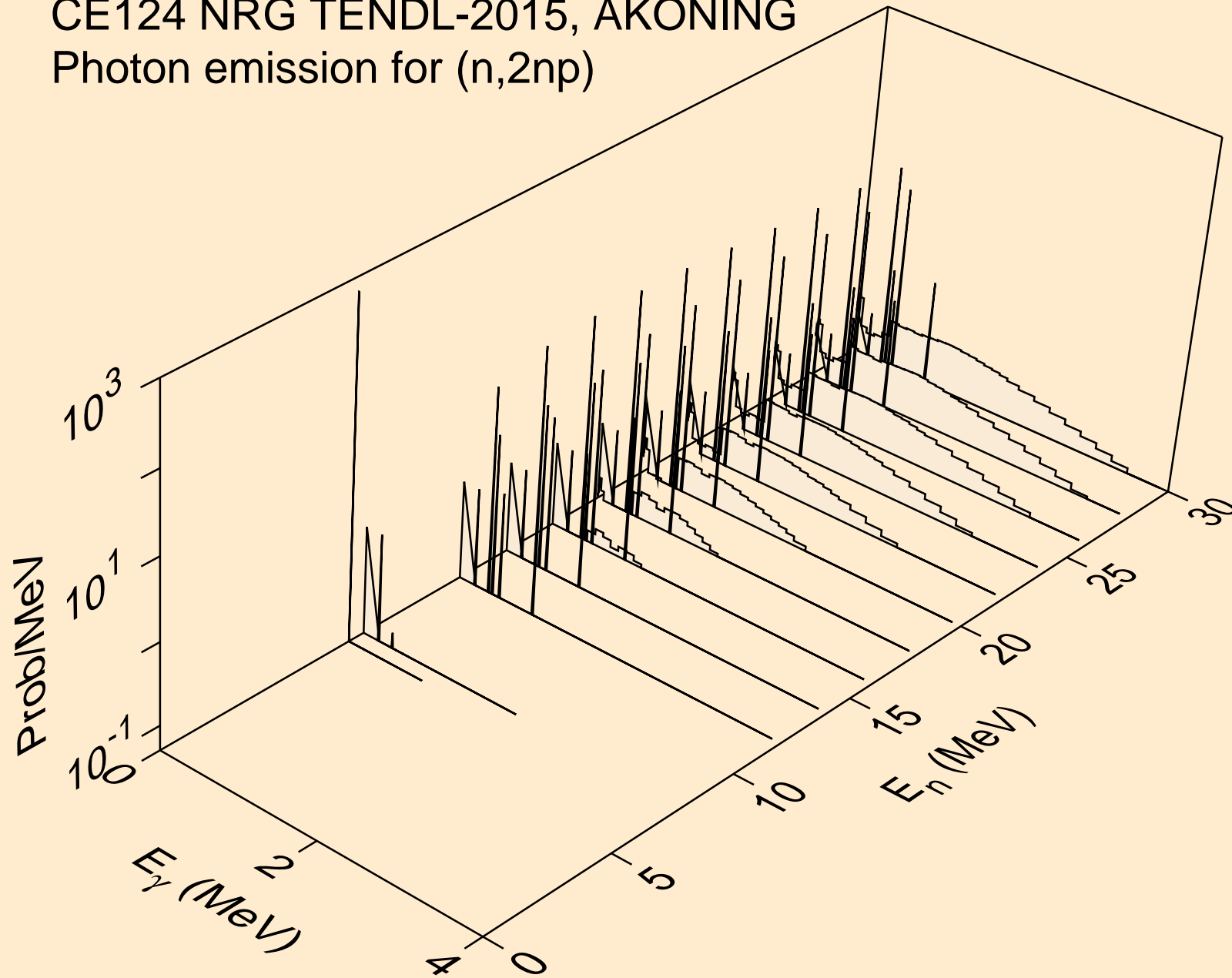
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



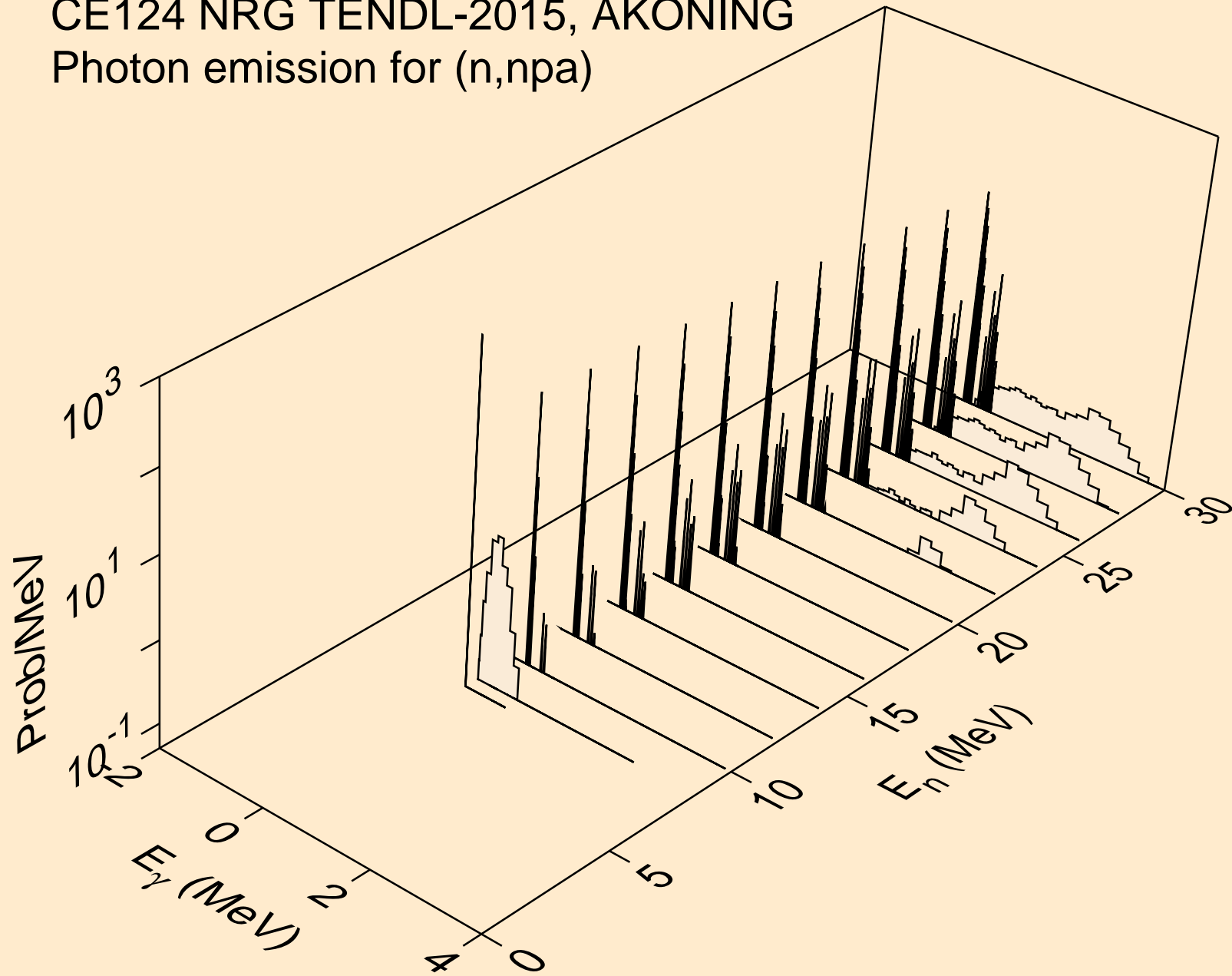
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



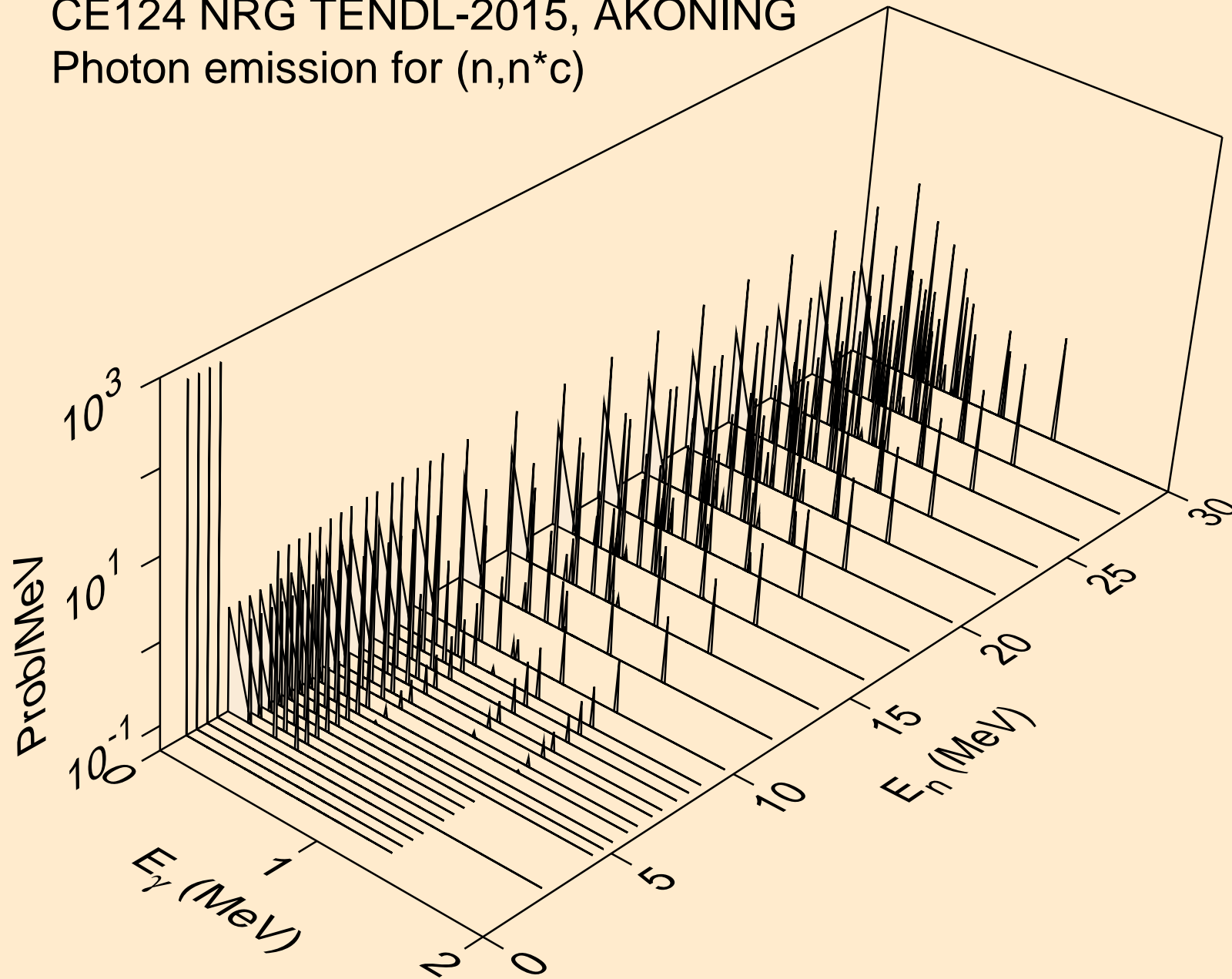
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



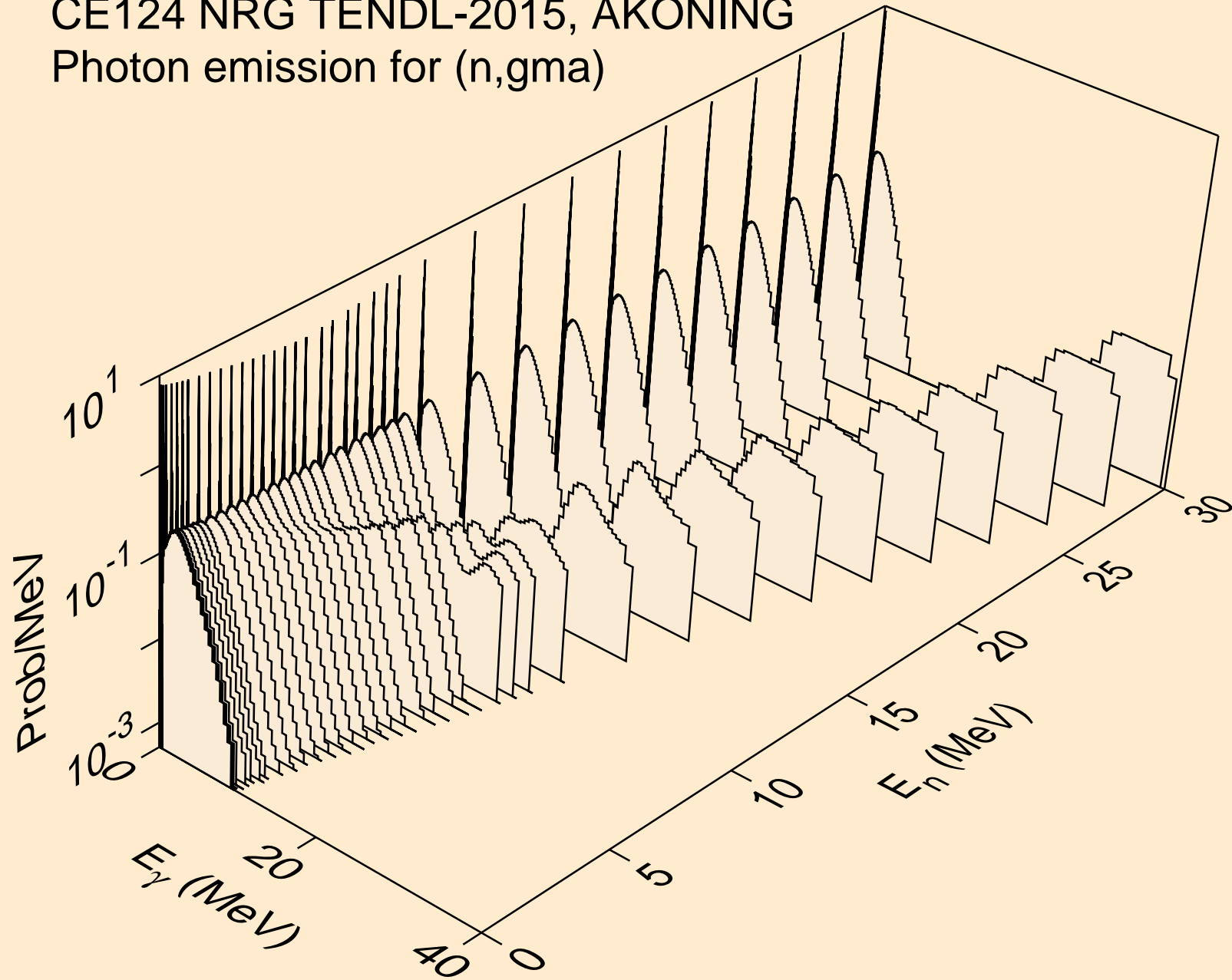
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

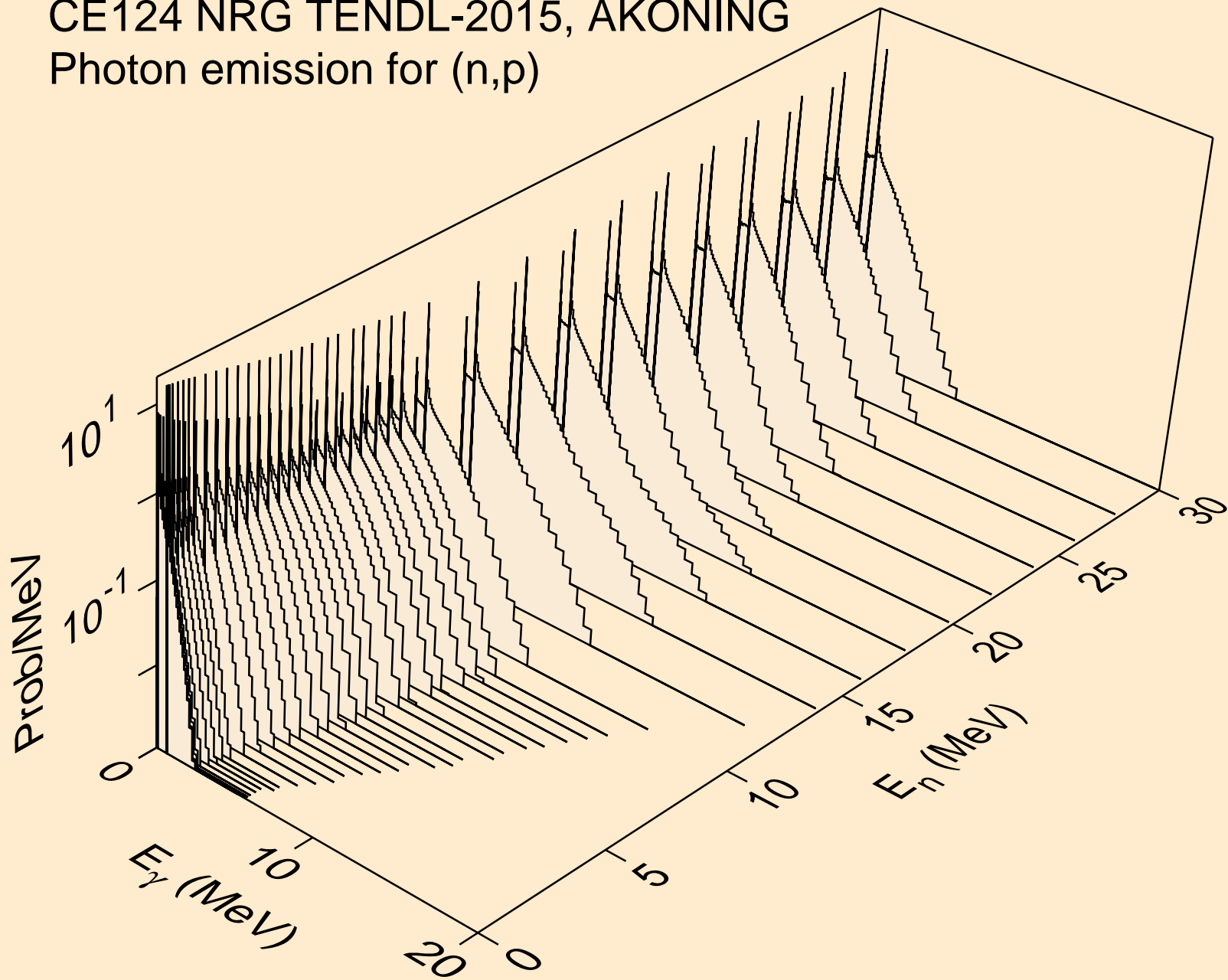


CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

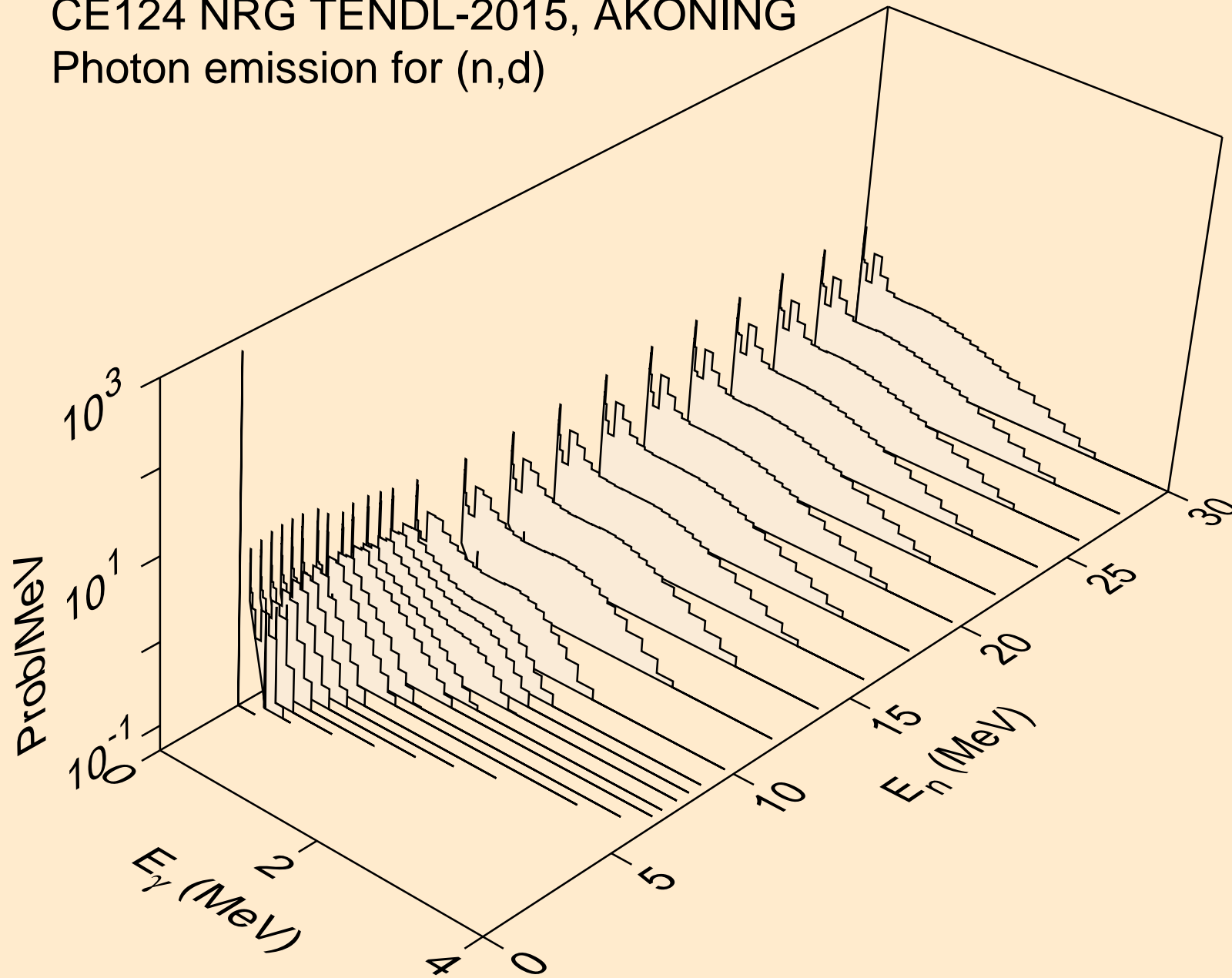




CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

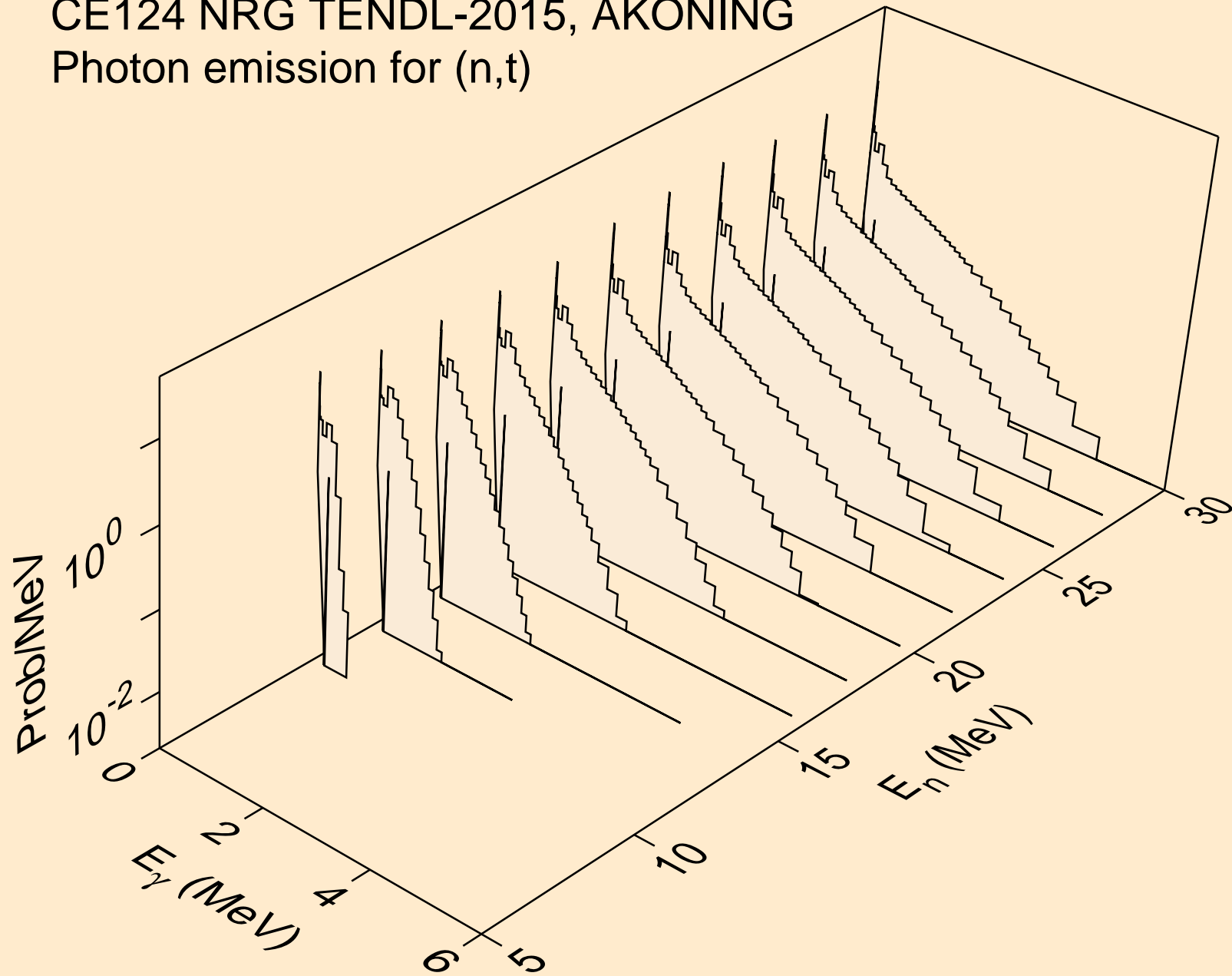


CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

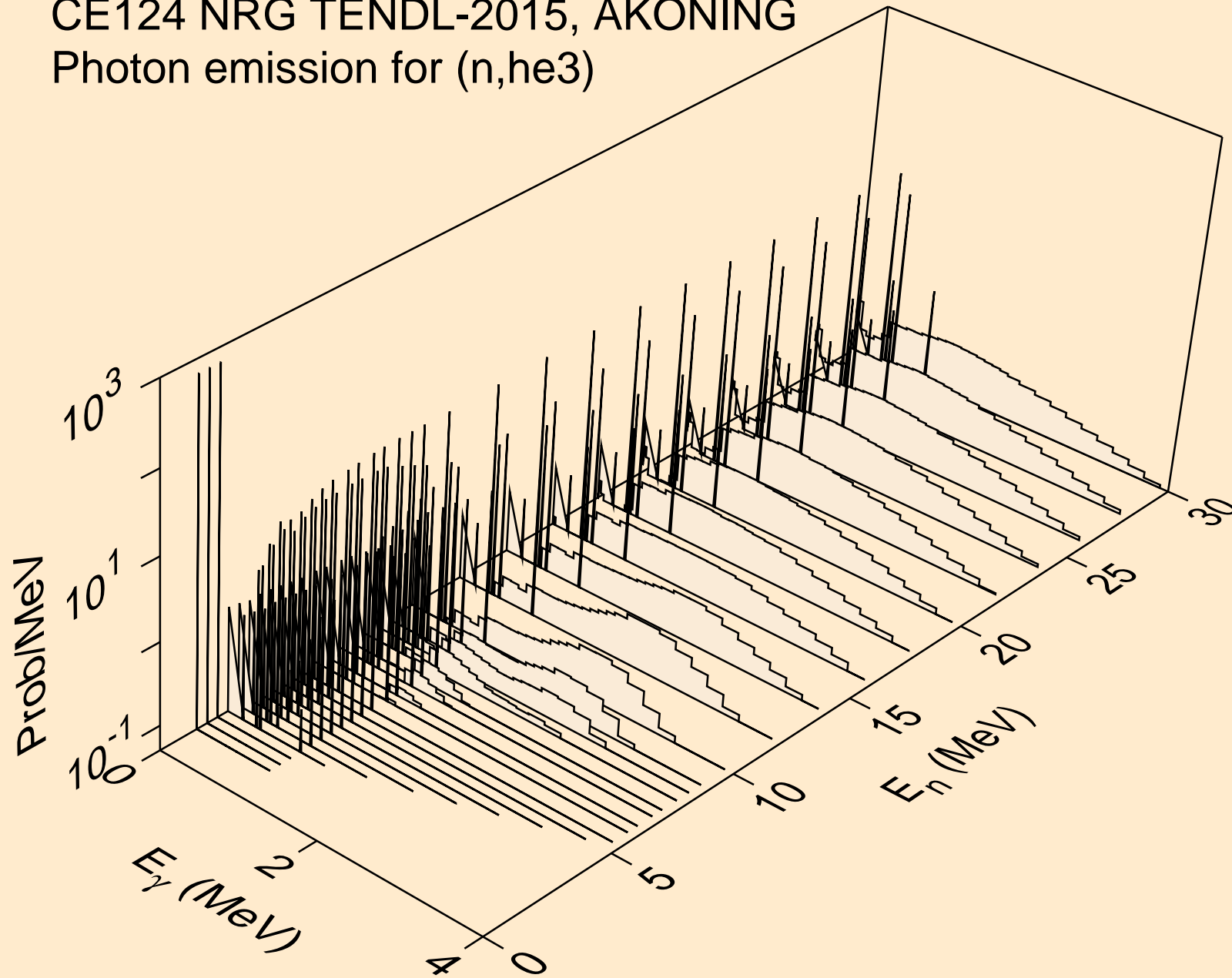


# CE124 NRG TENDL-2015, AKONING

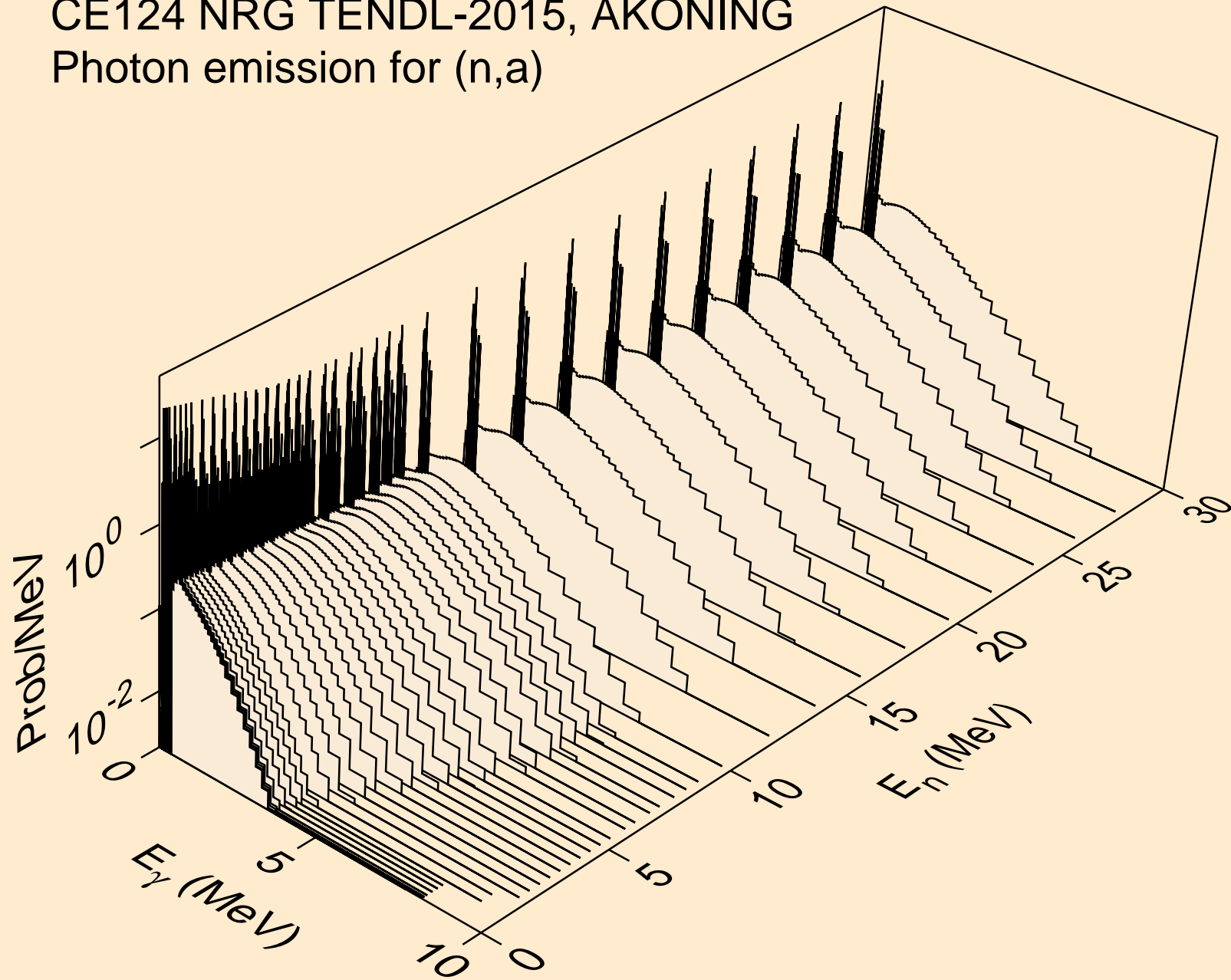
Photon emission for (n,t)



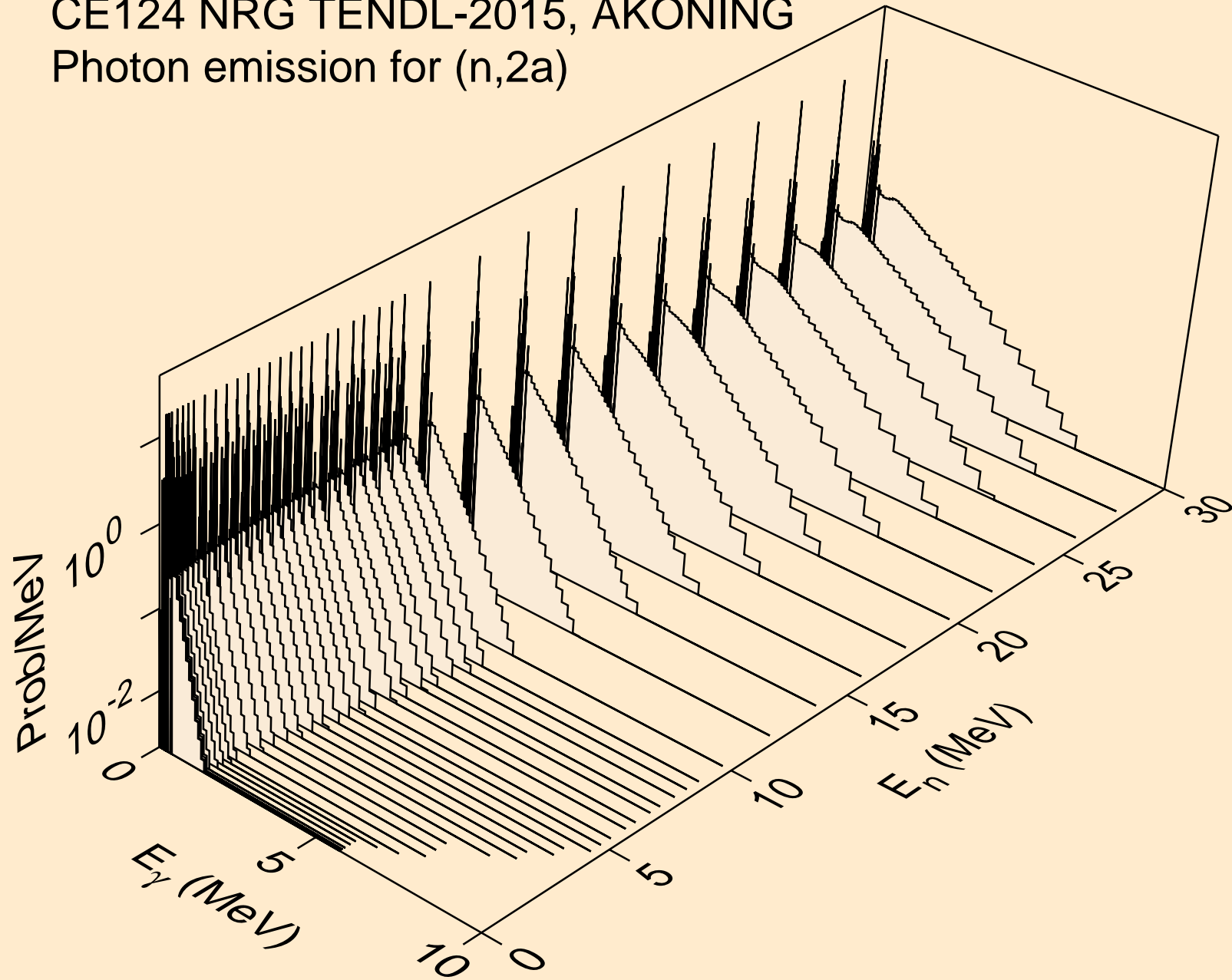
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



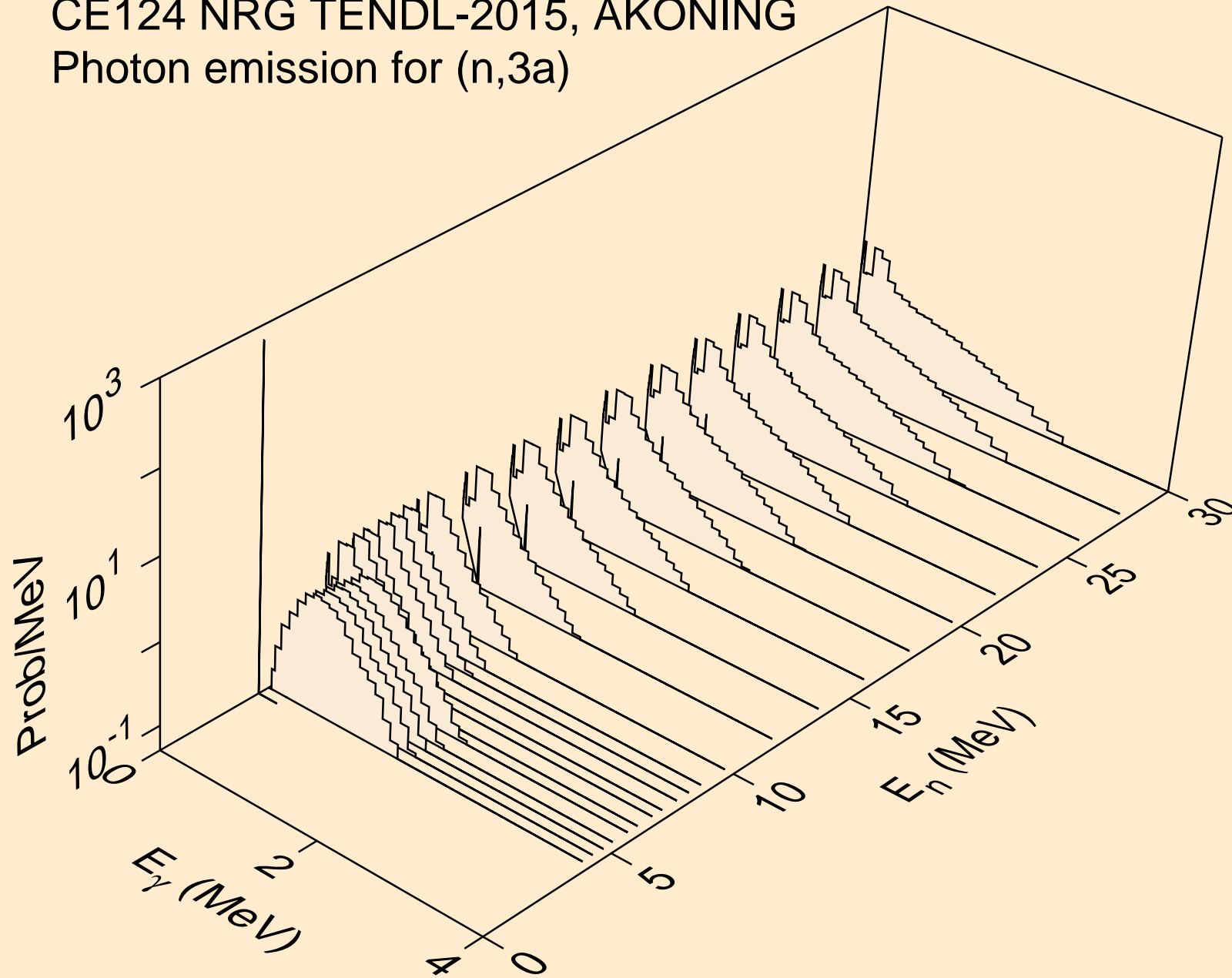
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



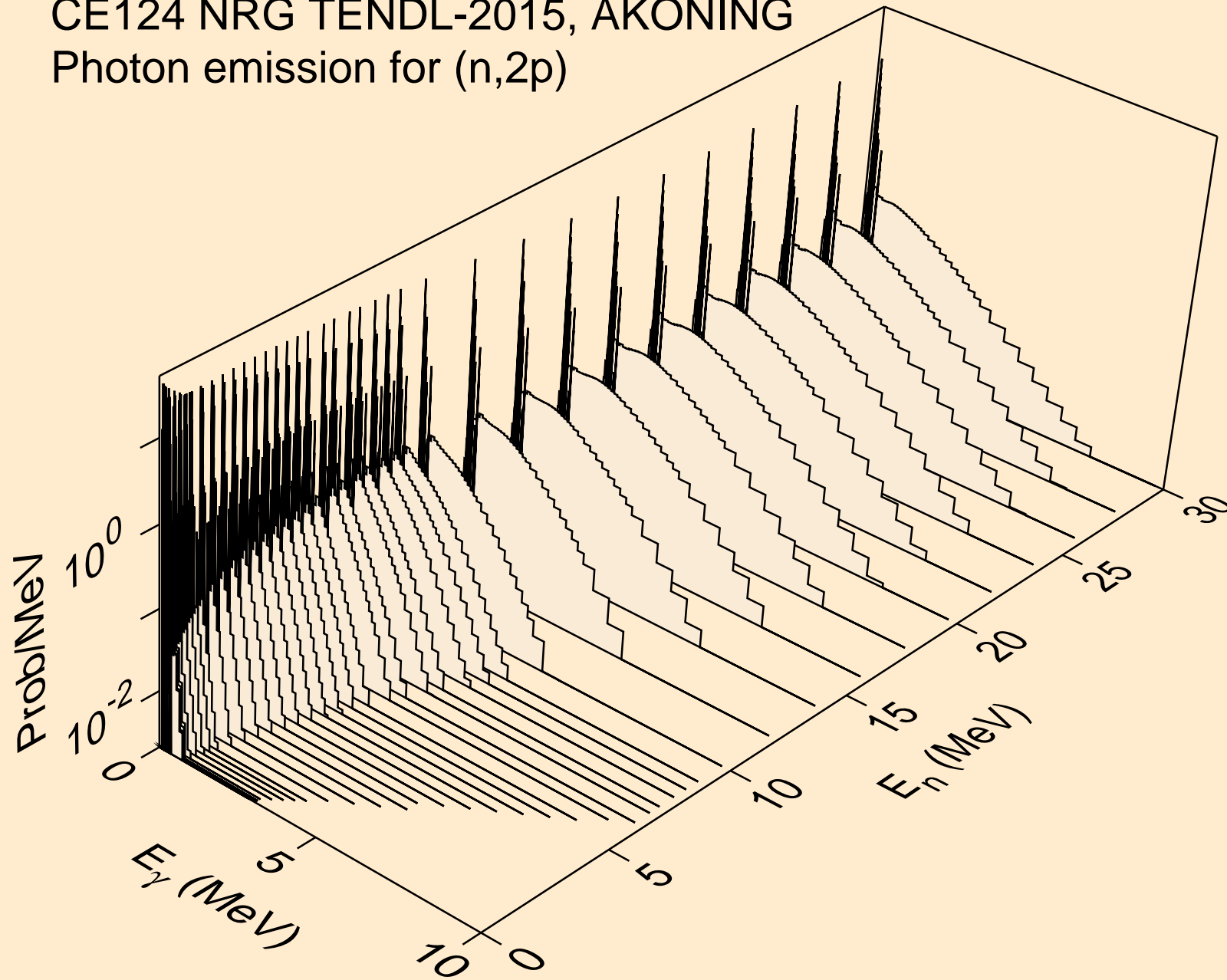
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

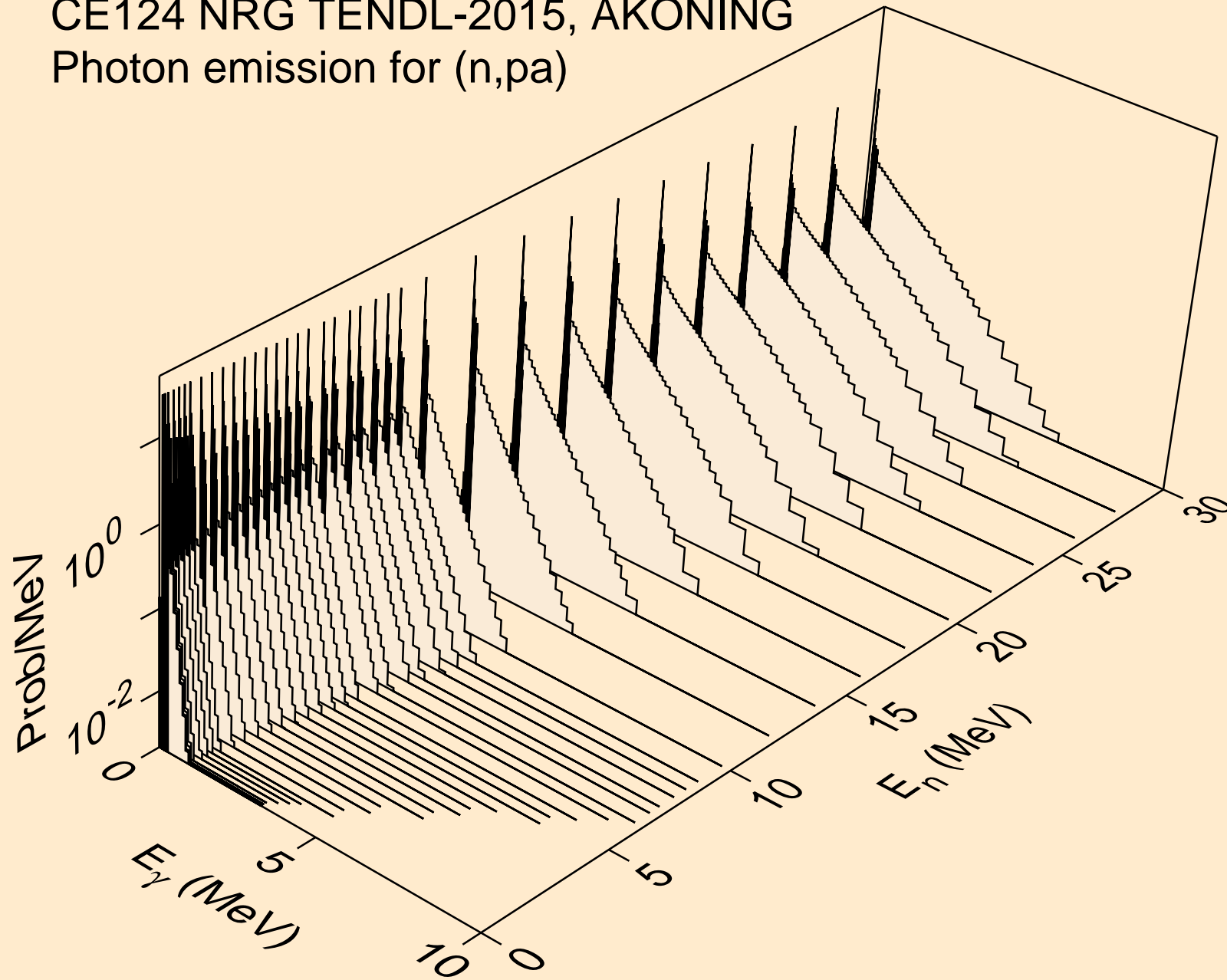


CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

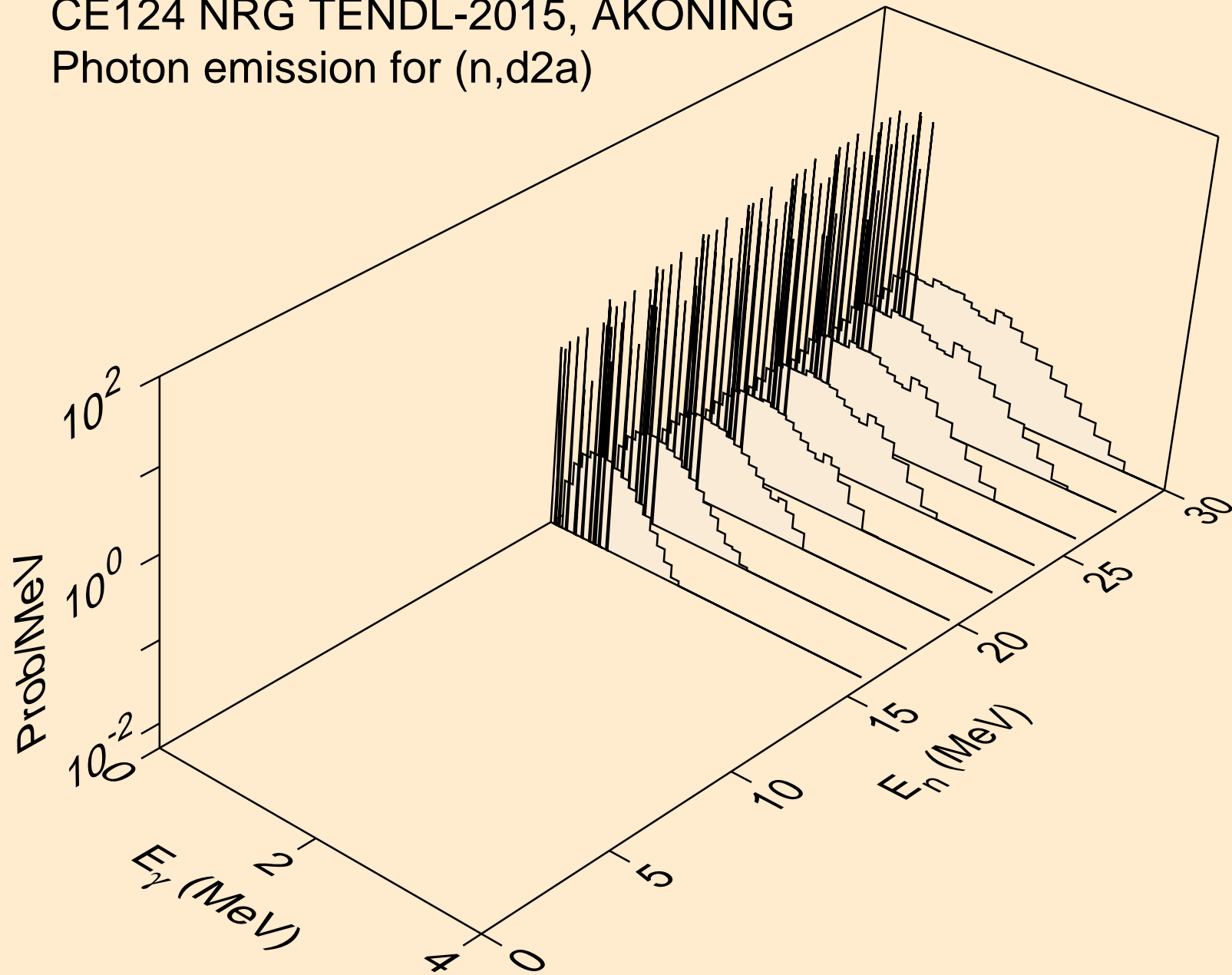




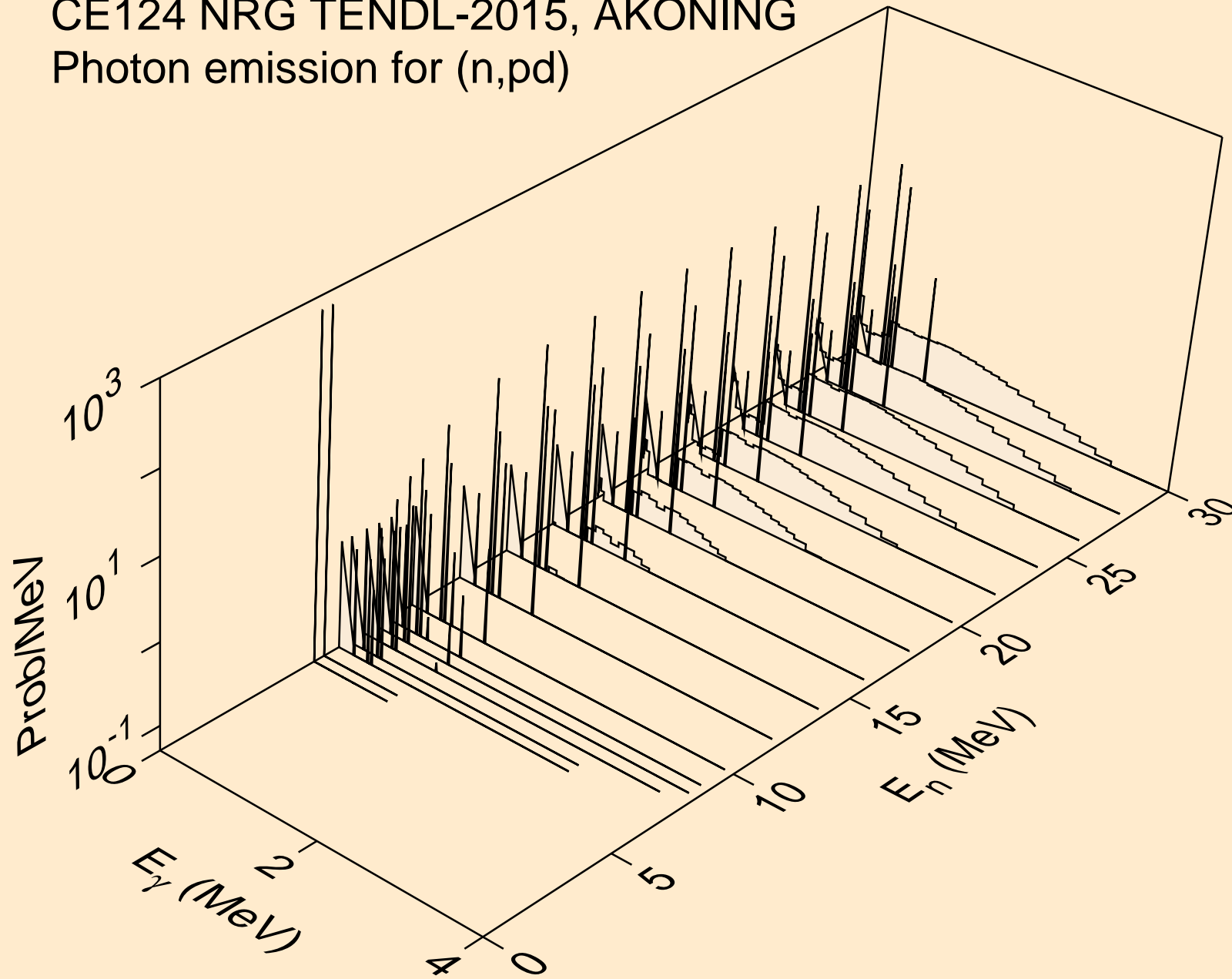
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



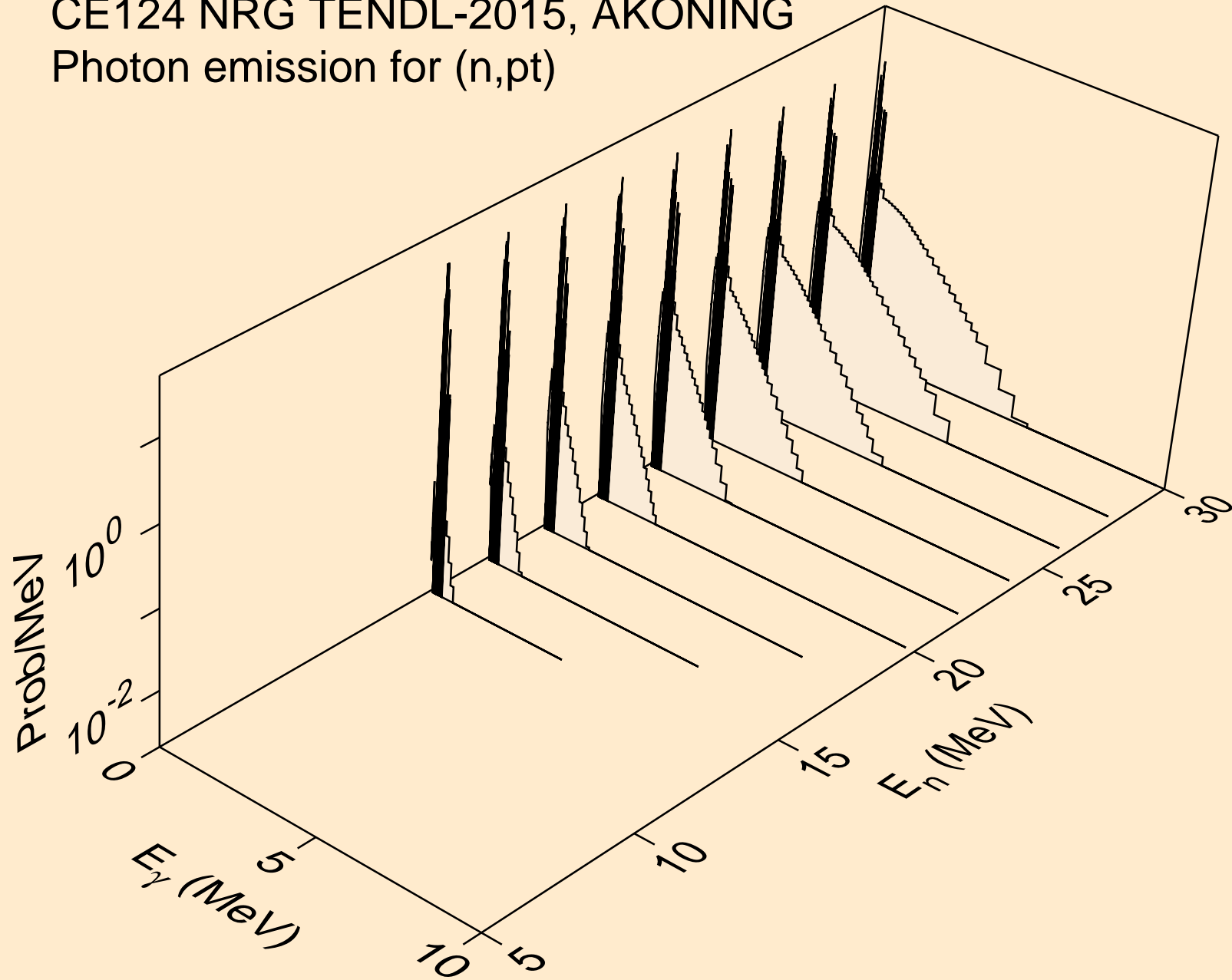
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



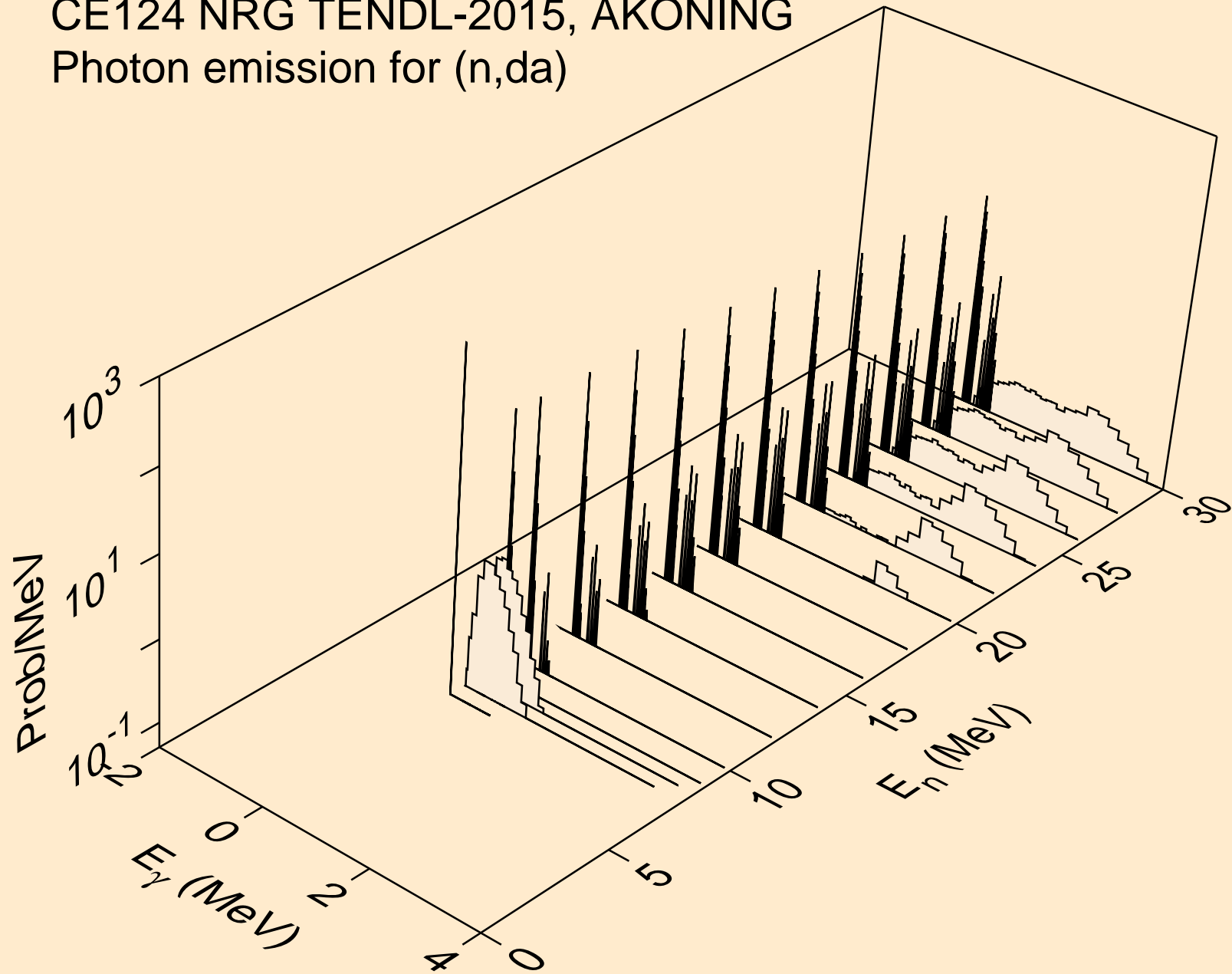
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



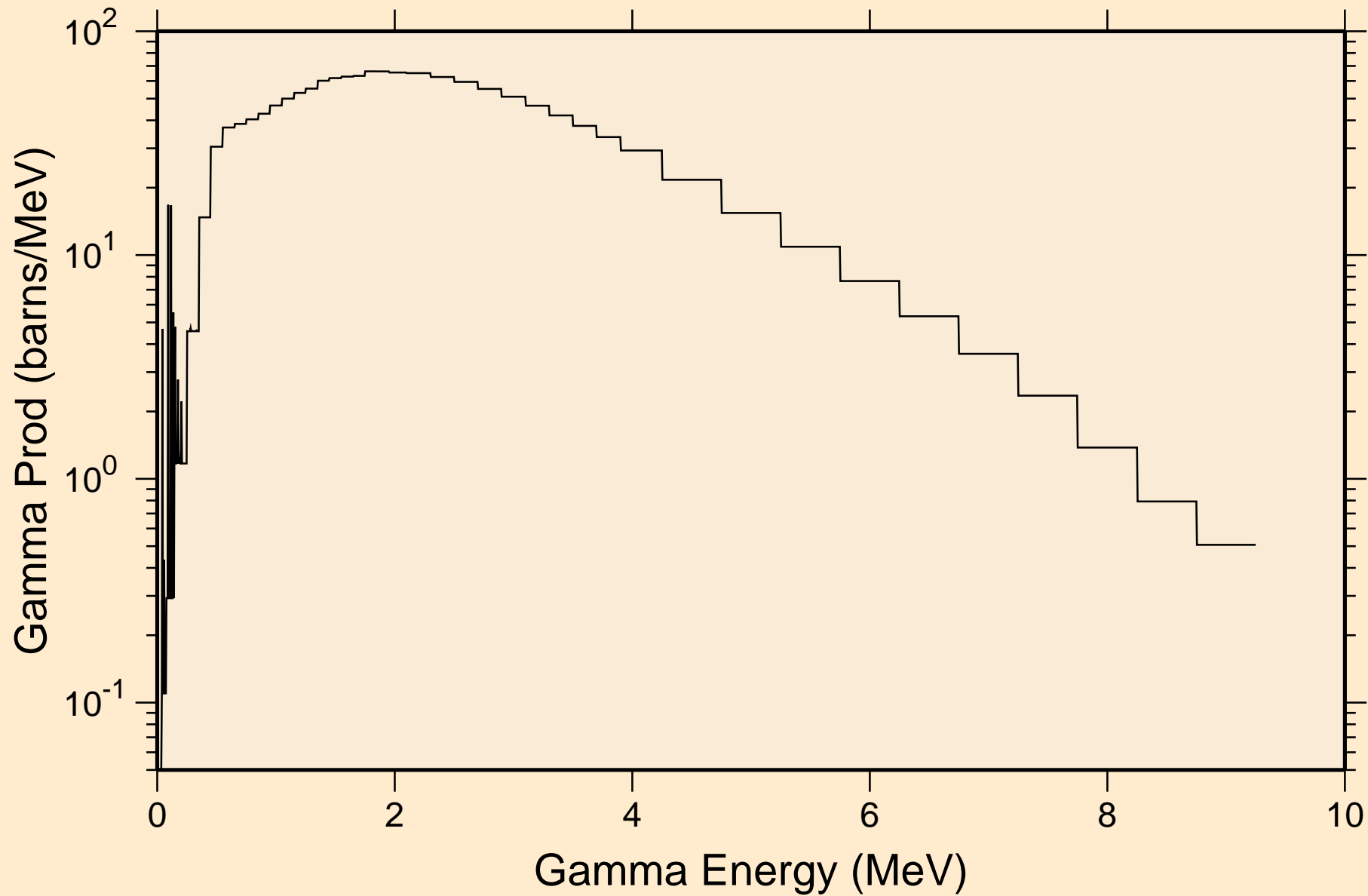
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



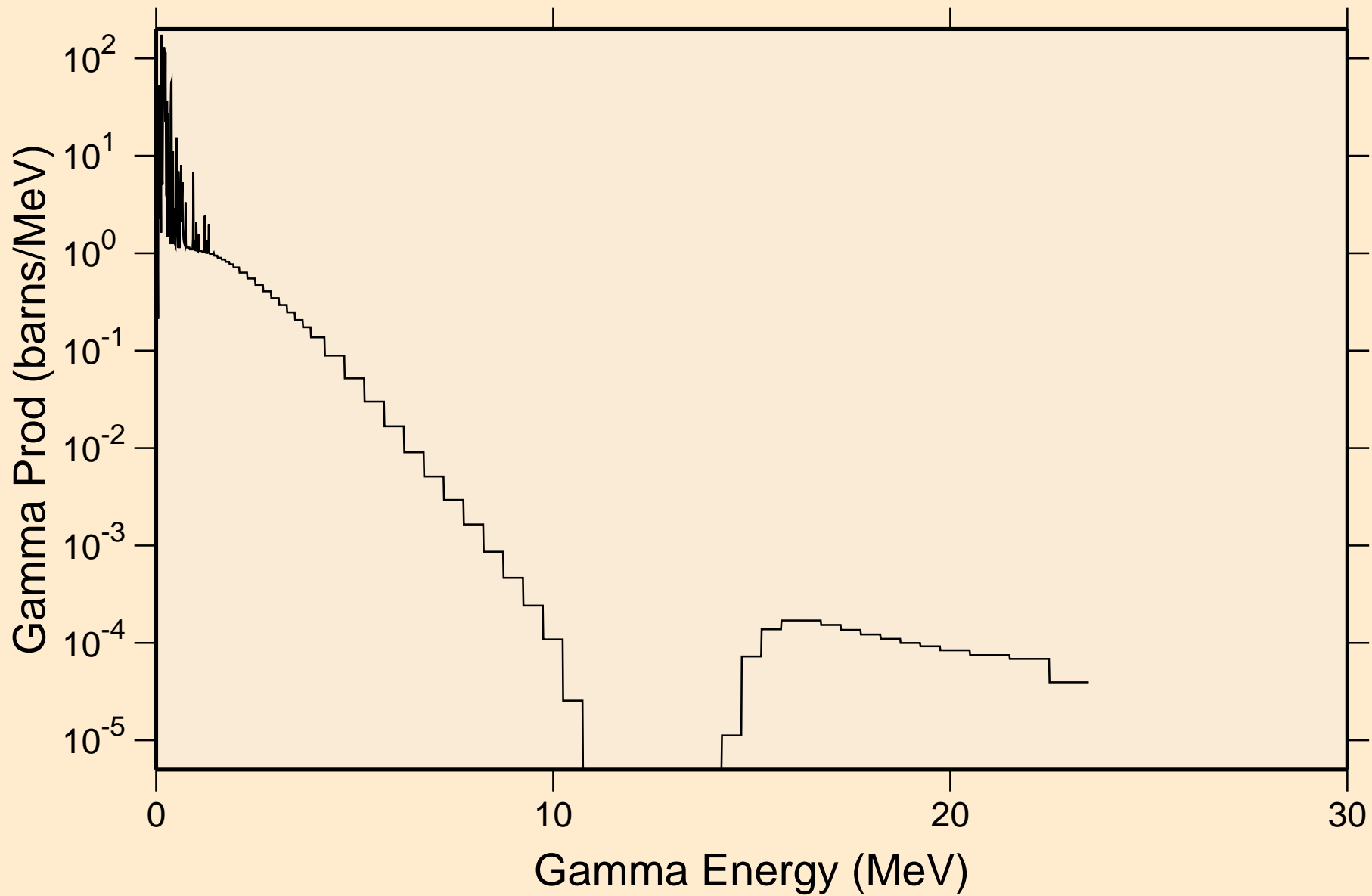
CE124 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CE124 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

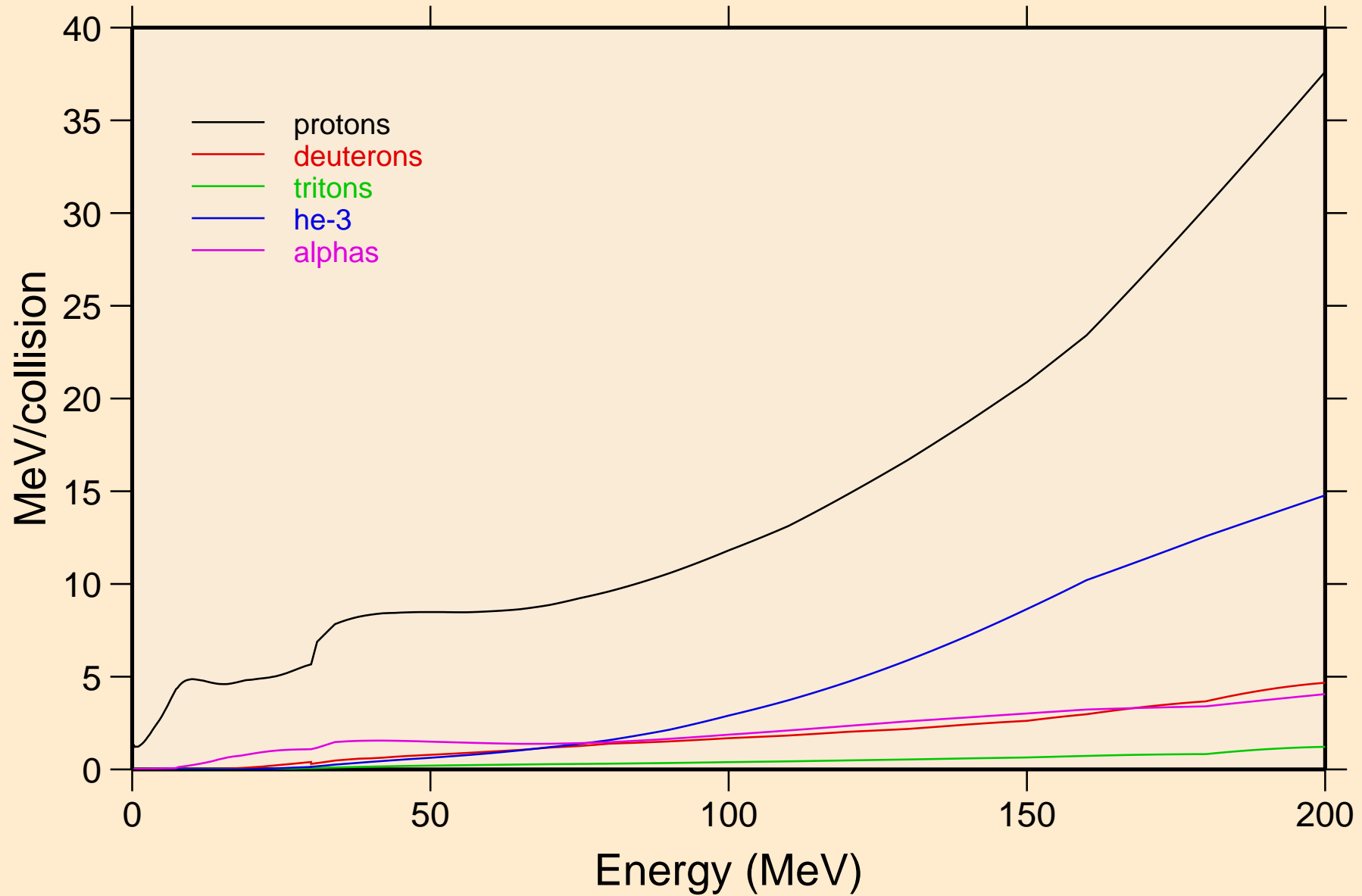


CE124 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# CE124 NRG TENDL-2015, AKONING

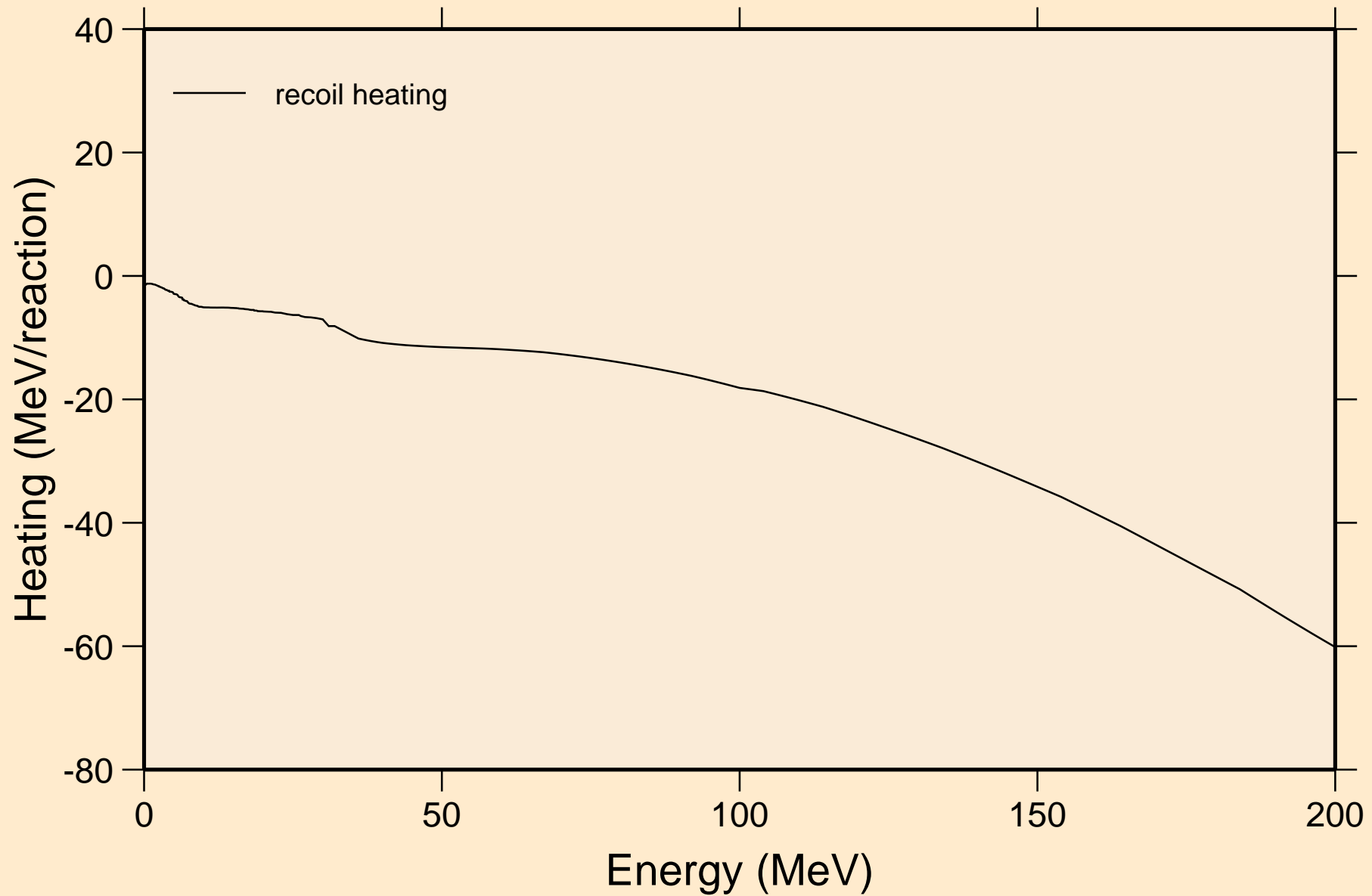
## Particle heating contributions





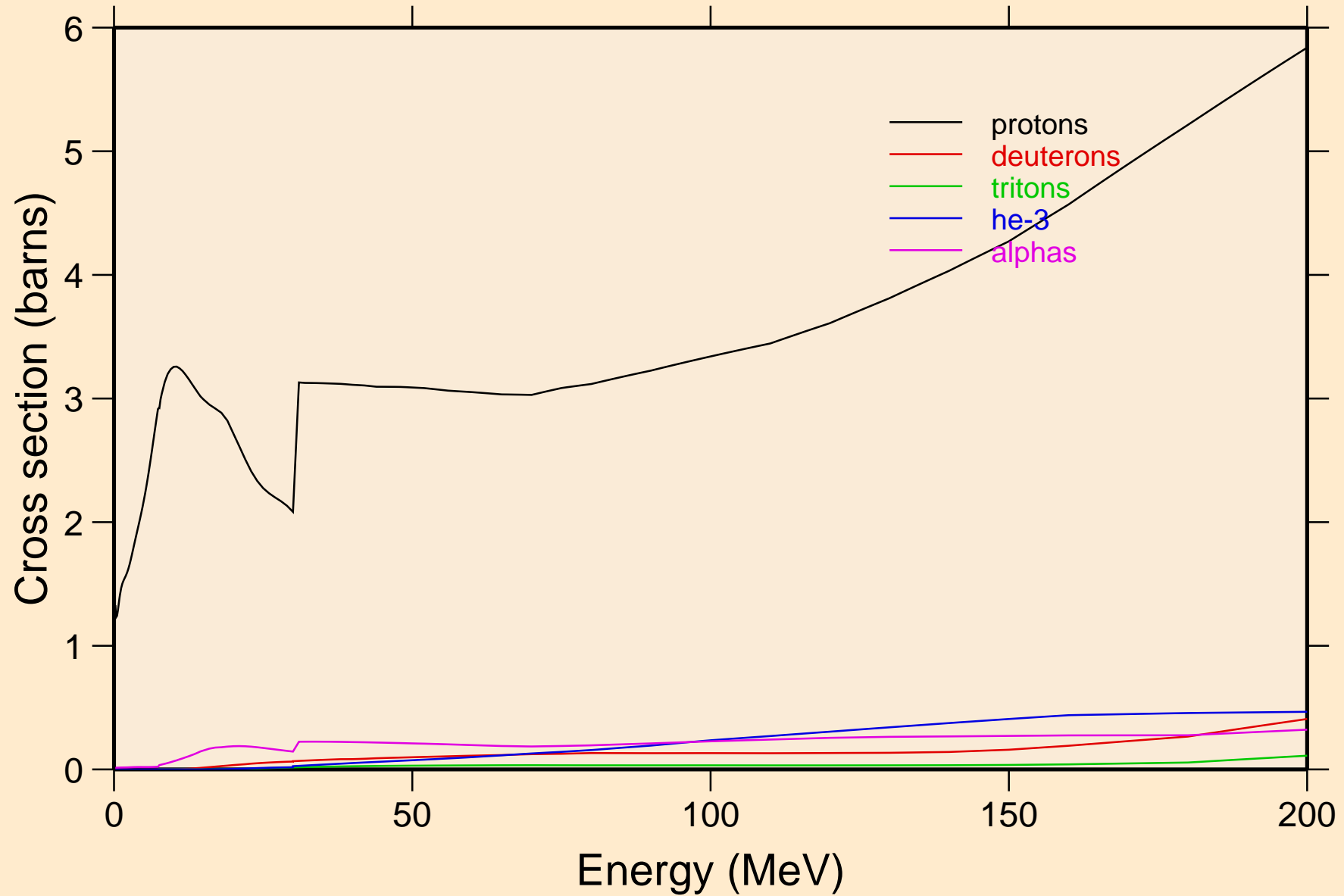
# CE124 NRG TENDL-2015, AKONING

## Recoil Heating

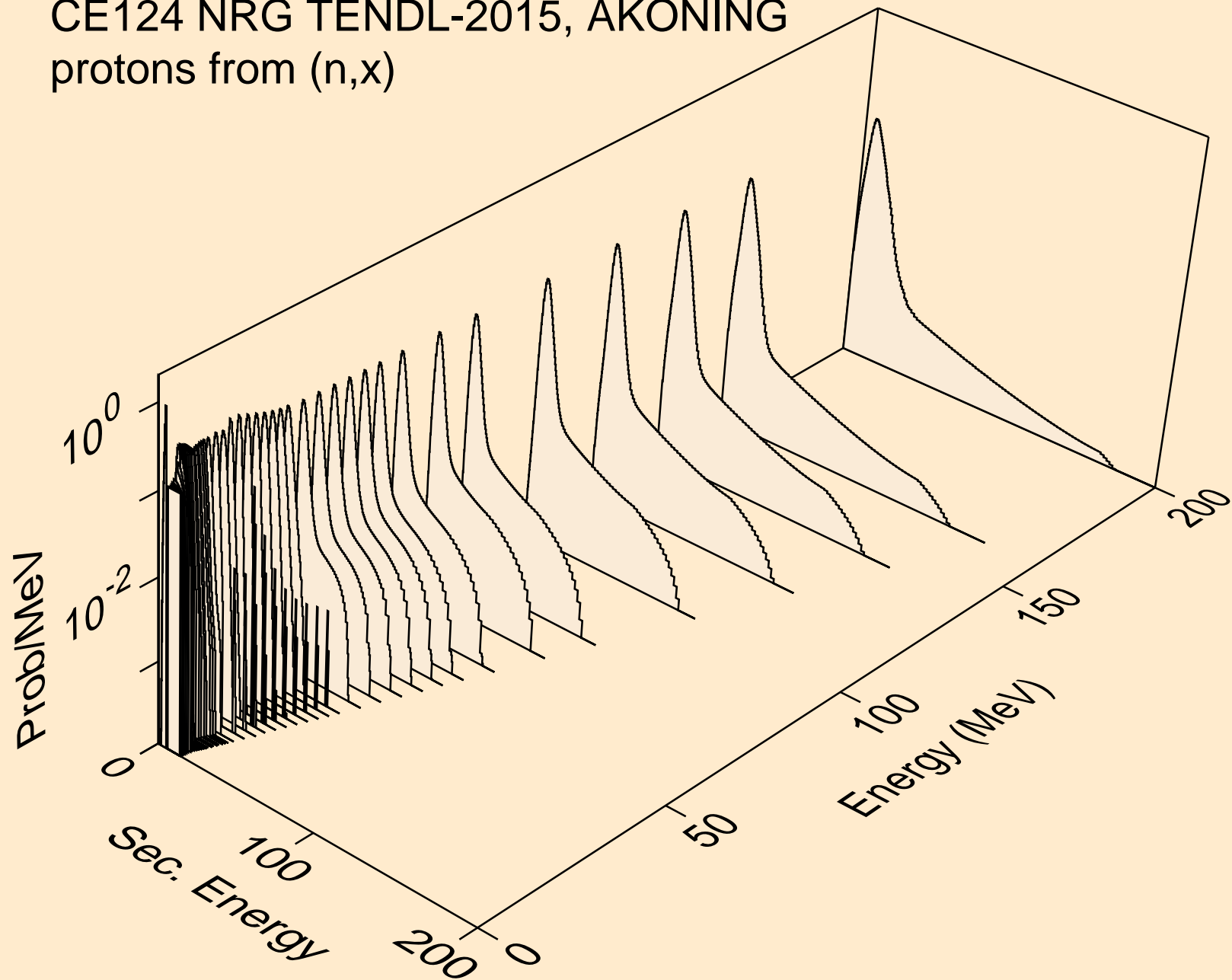


# CE124 NRG TENDL-2015, AKONING

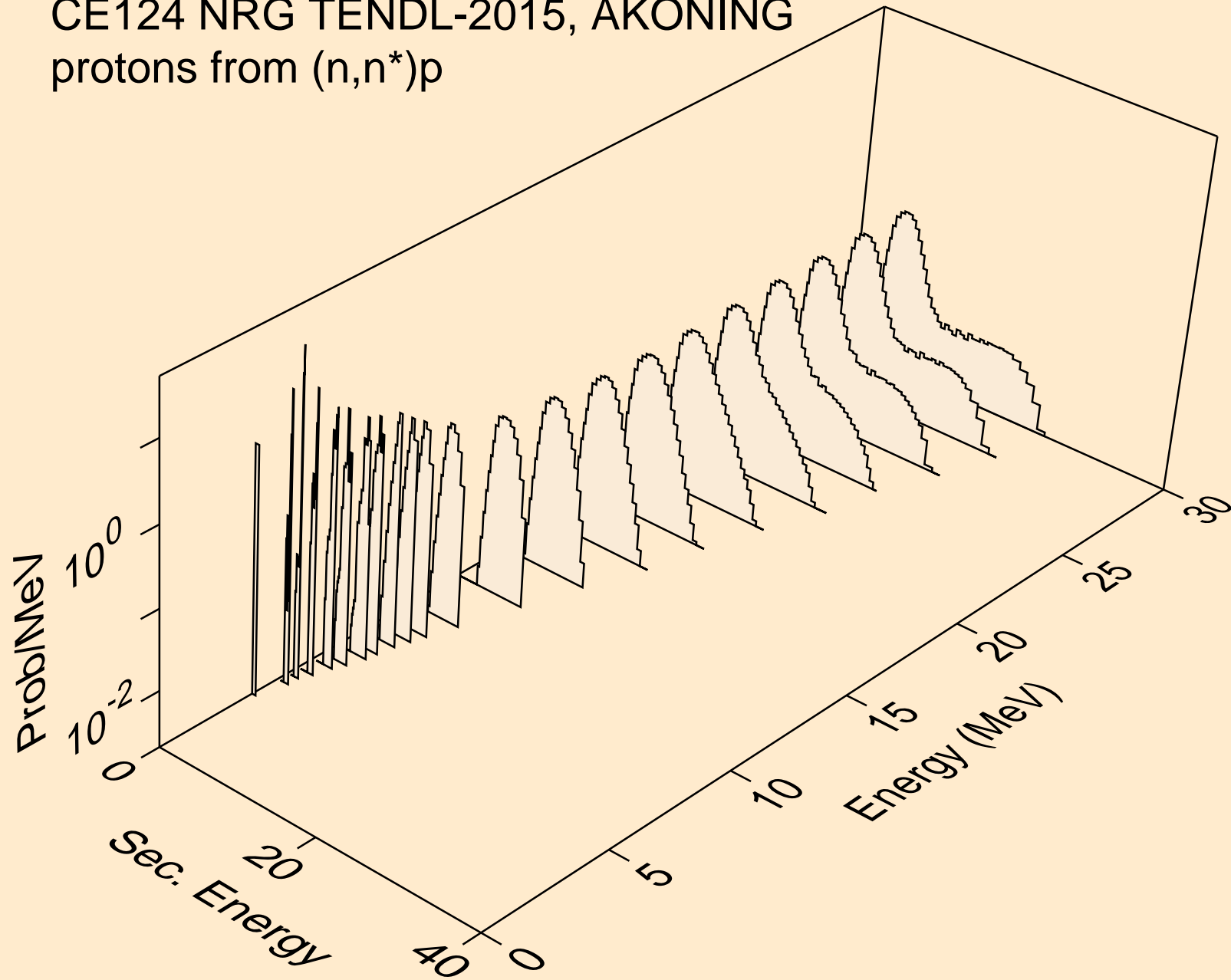
## Particle production cross sections



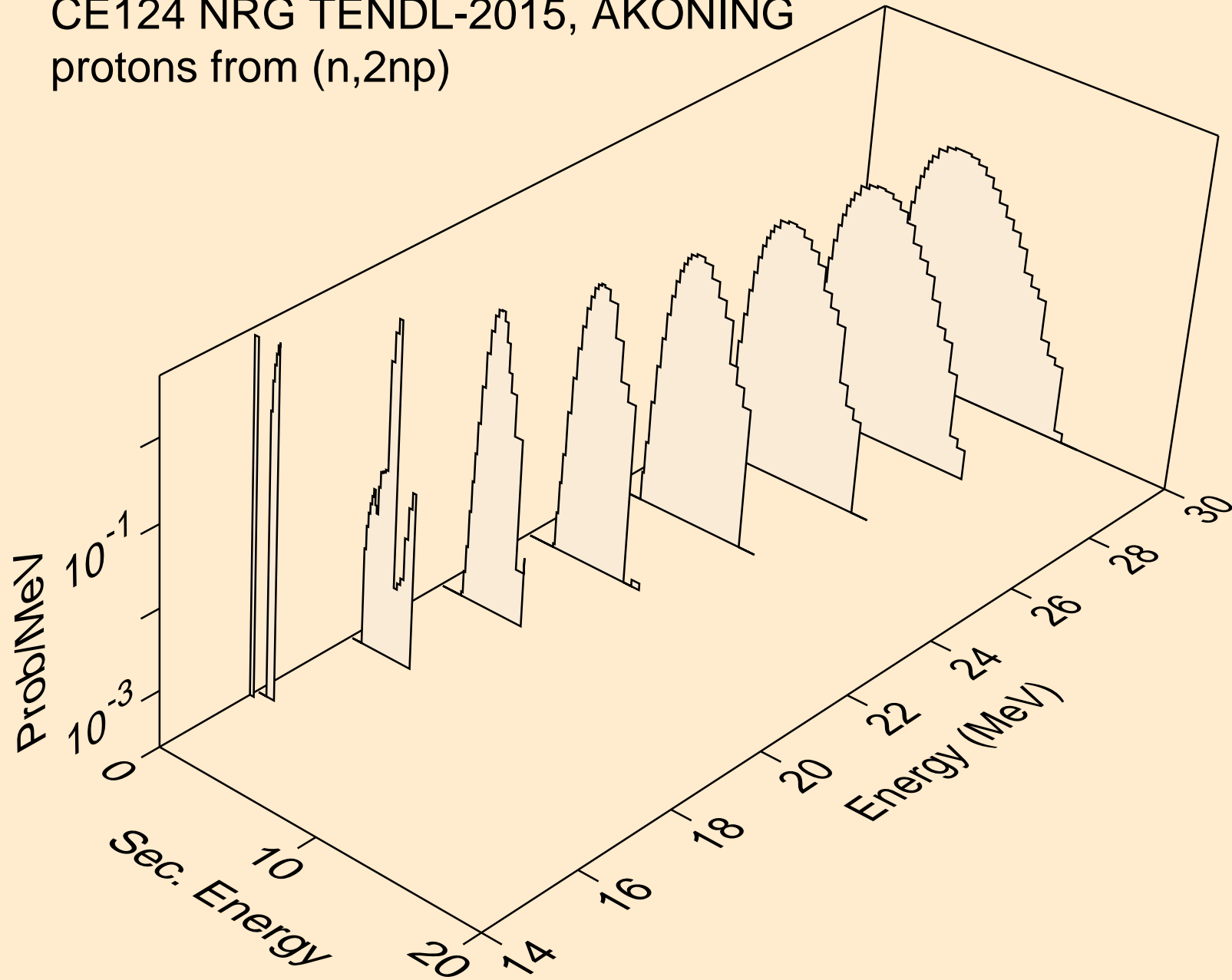
CE124 NRG TENDL-2015, AKONING  
protons from (n,x)



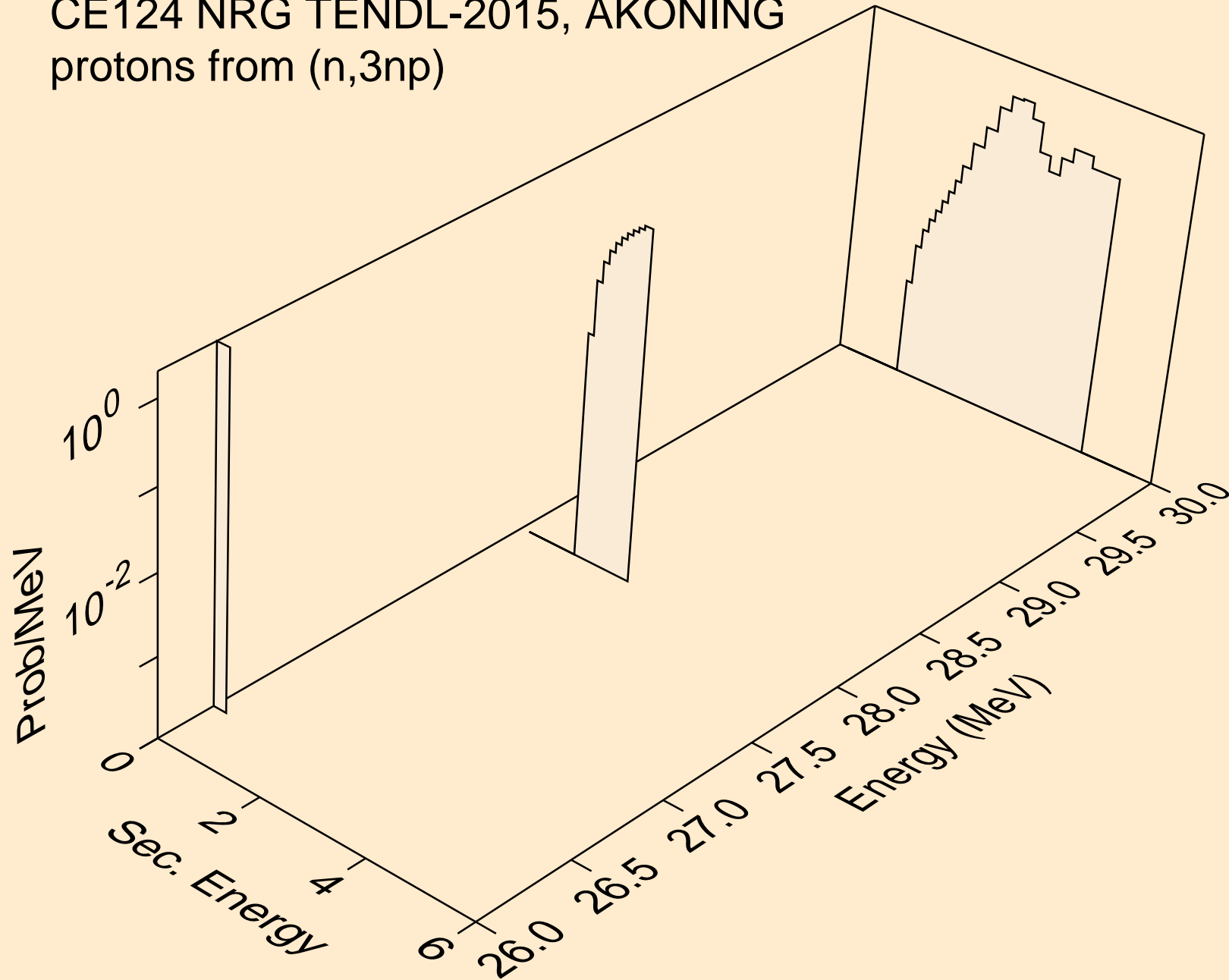
CE124 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



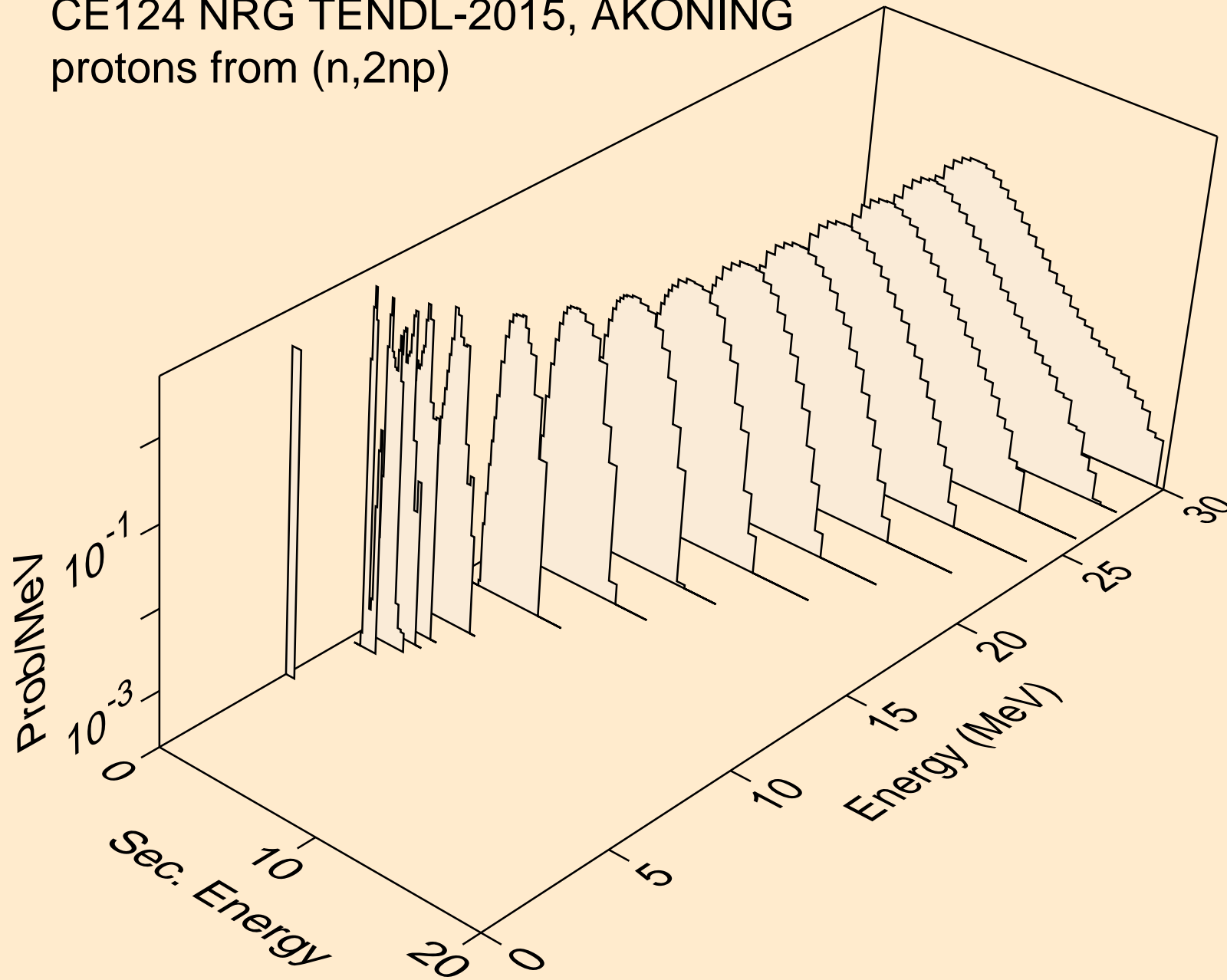
CE124 NRG TENDL-2015, AKONING  
protons from (n,2np)



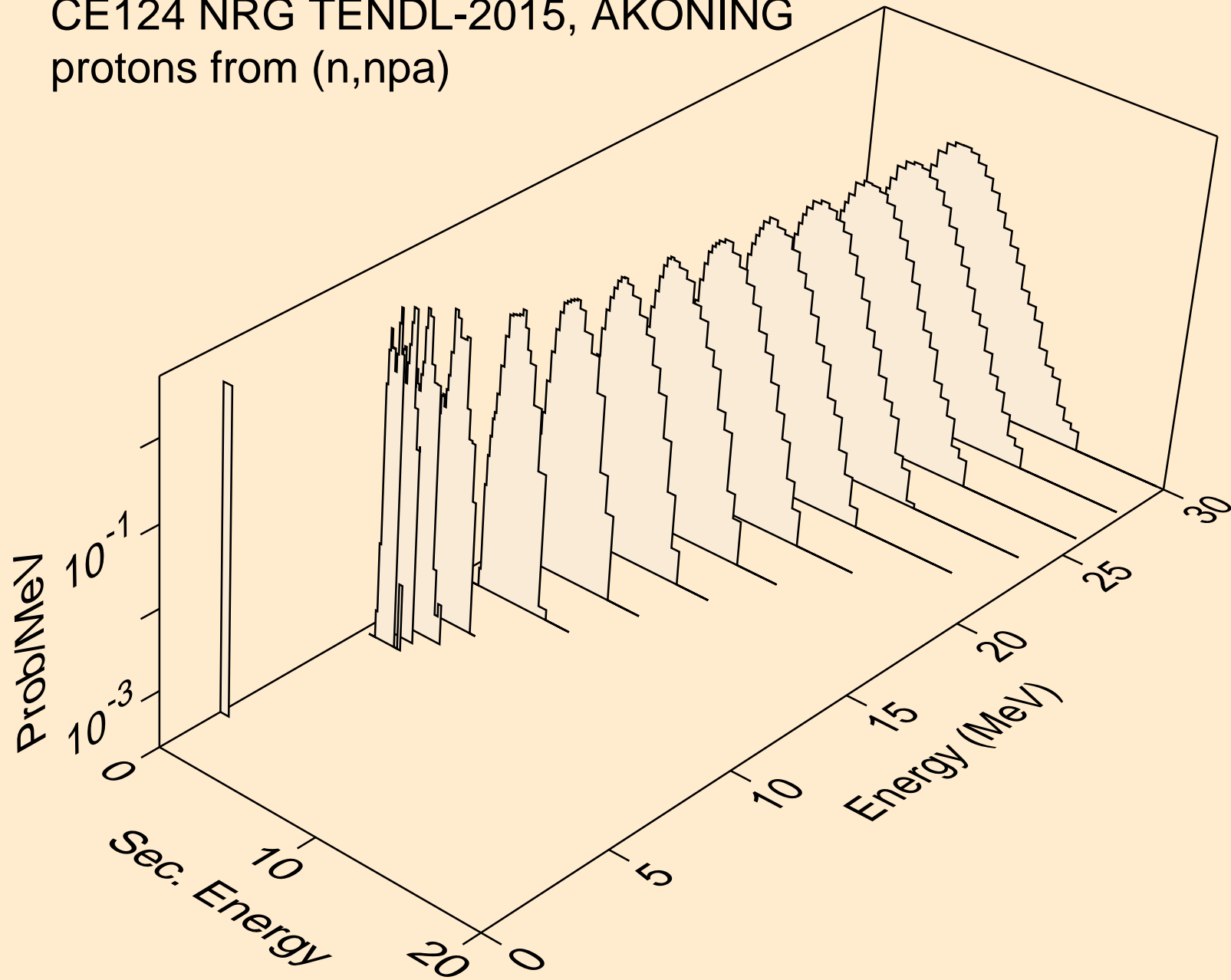
CE124 NRG TENDL-2015, AKONING  
protons from (n,3np)



CE124 NRG TENDL-2015, AKONING  
protons from (n,2np)

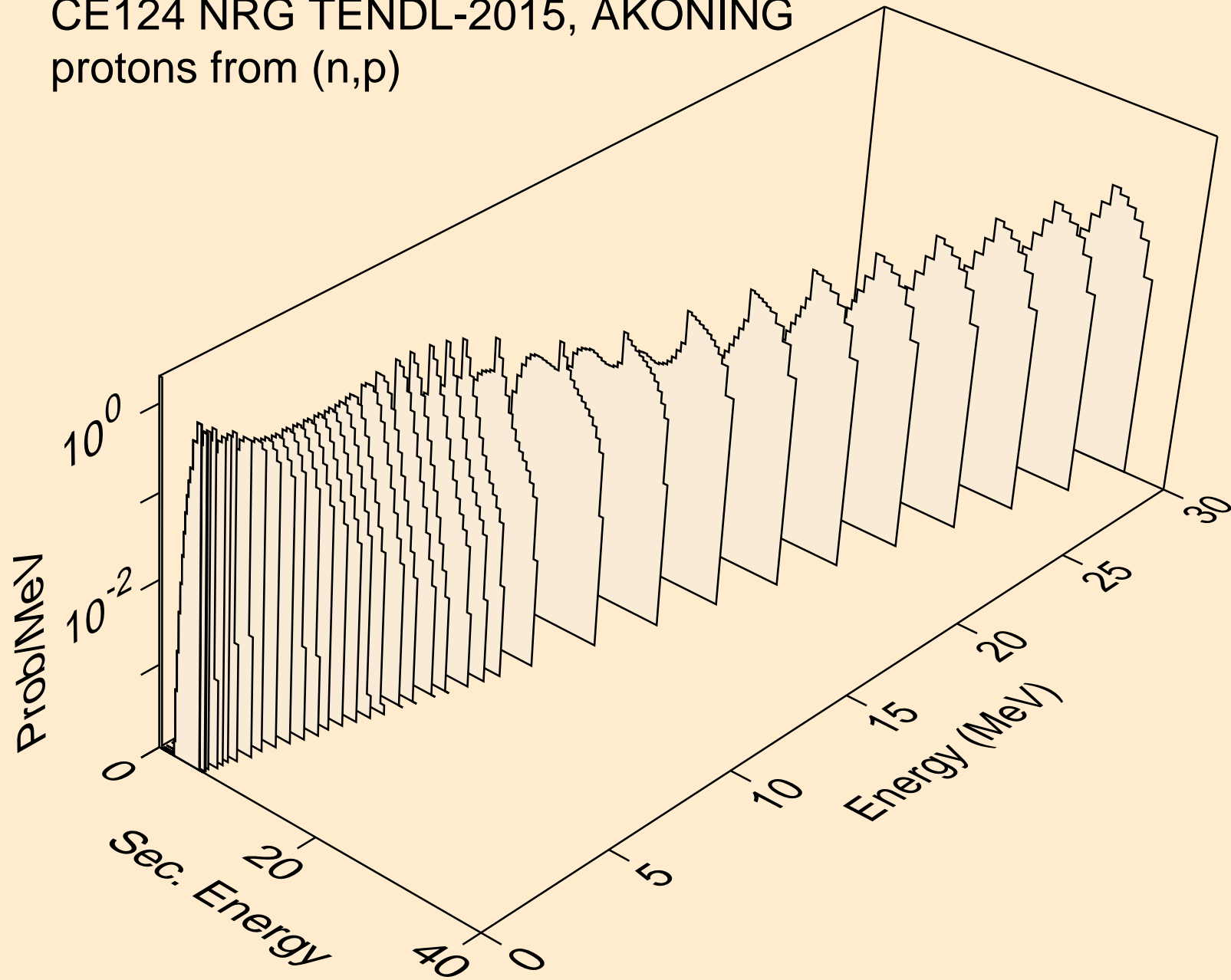


CE124 NRG TENDL-2015, AKONING  
protons from (n,npa)

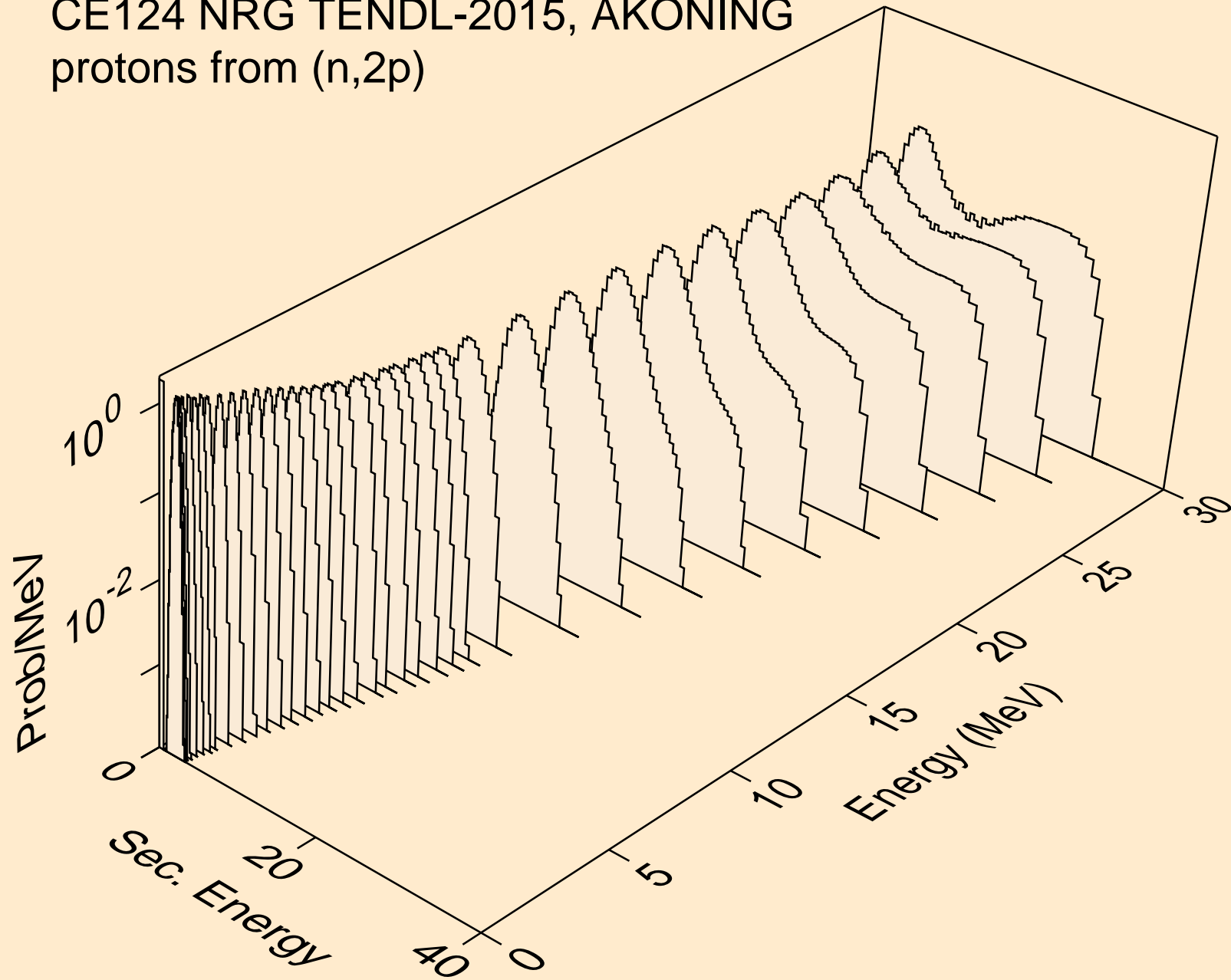




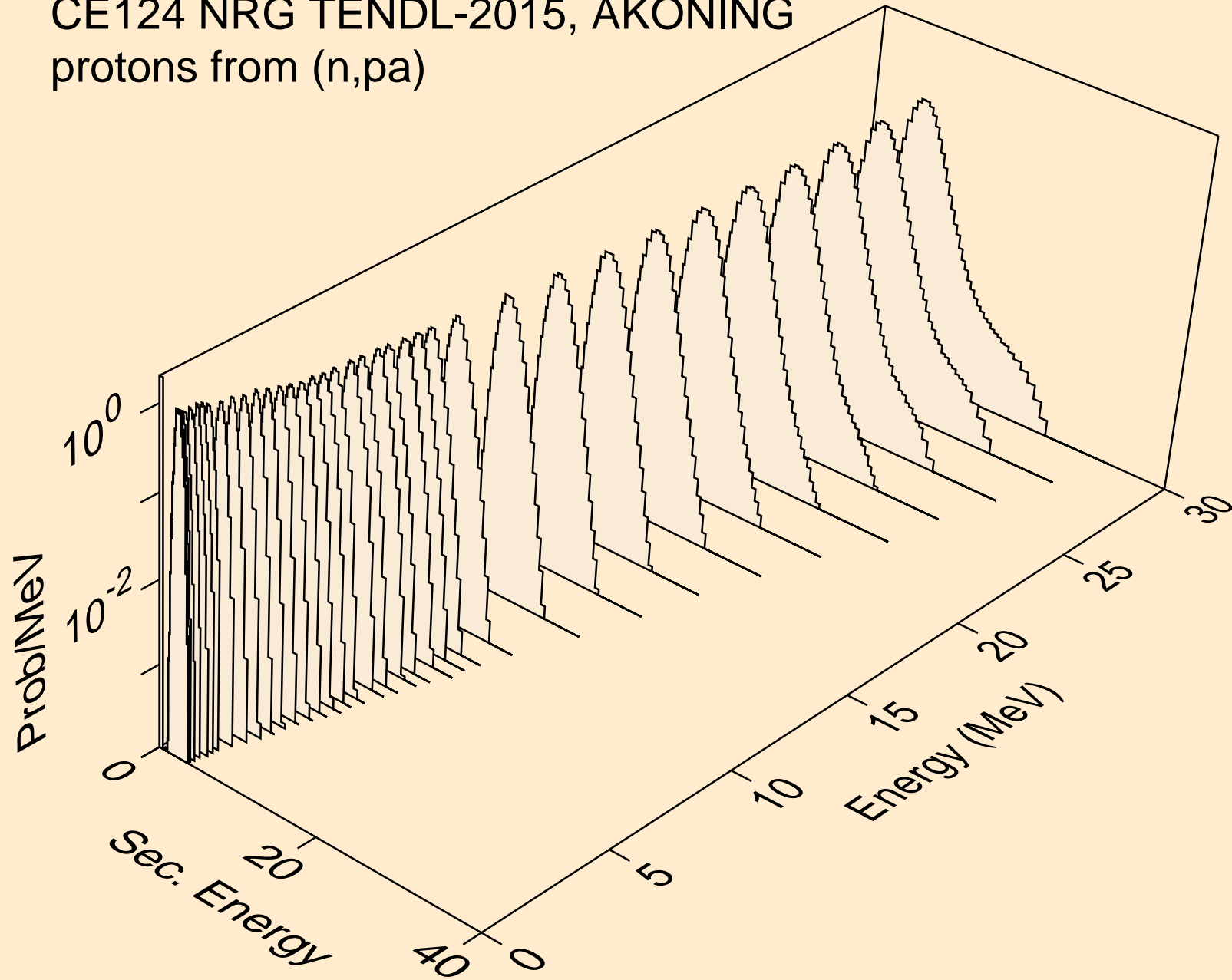
CE124 NRG TENDL-2015, AKONING  
protons from (n,p)



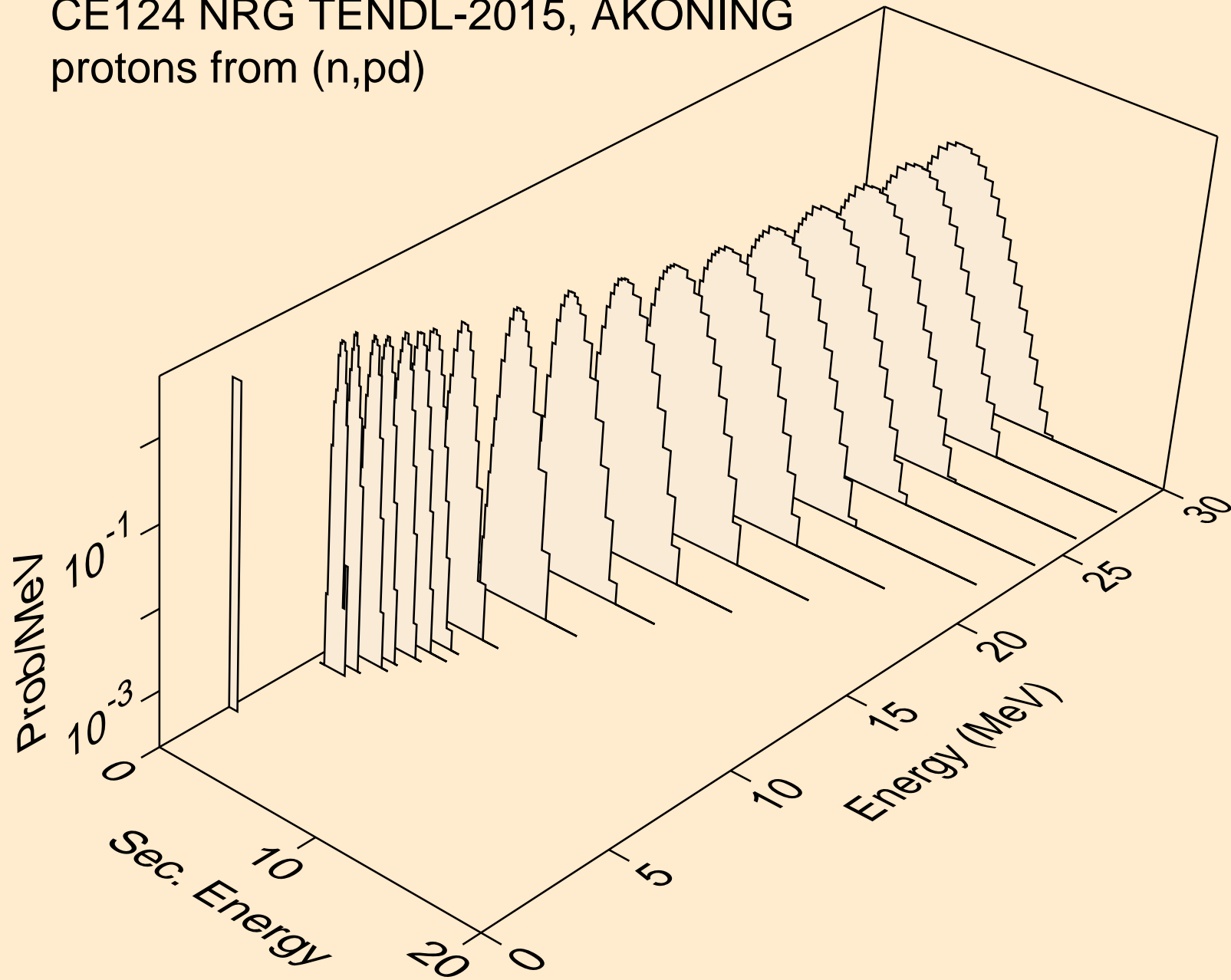
CE124 NRG TENDL-2015, AKONING  
protons from (n,2p)



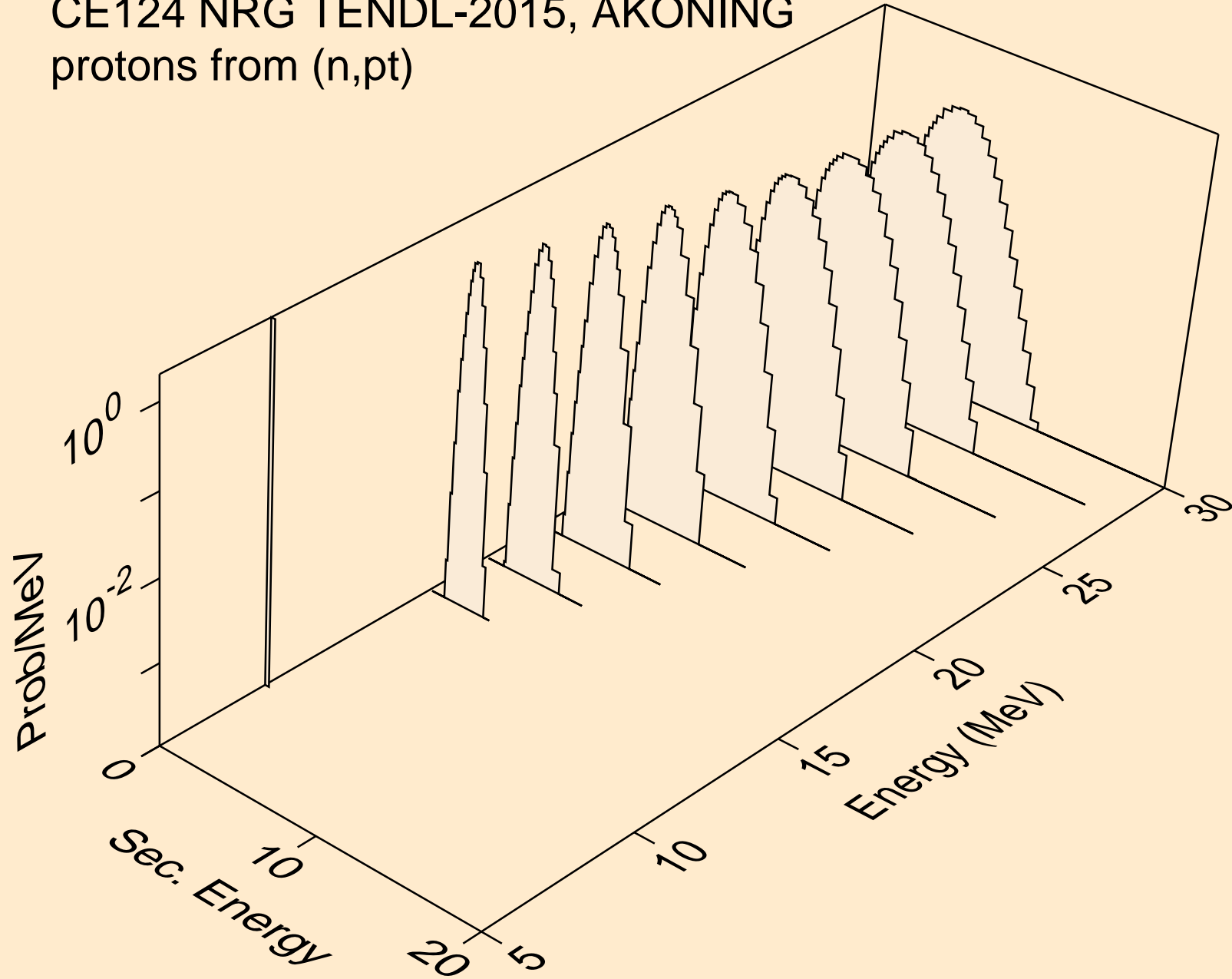
CE124 NRG TENDL-2015, AKONING  
protons from (n,pa)



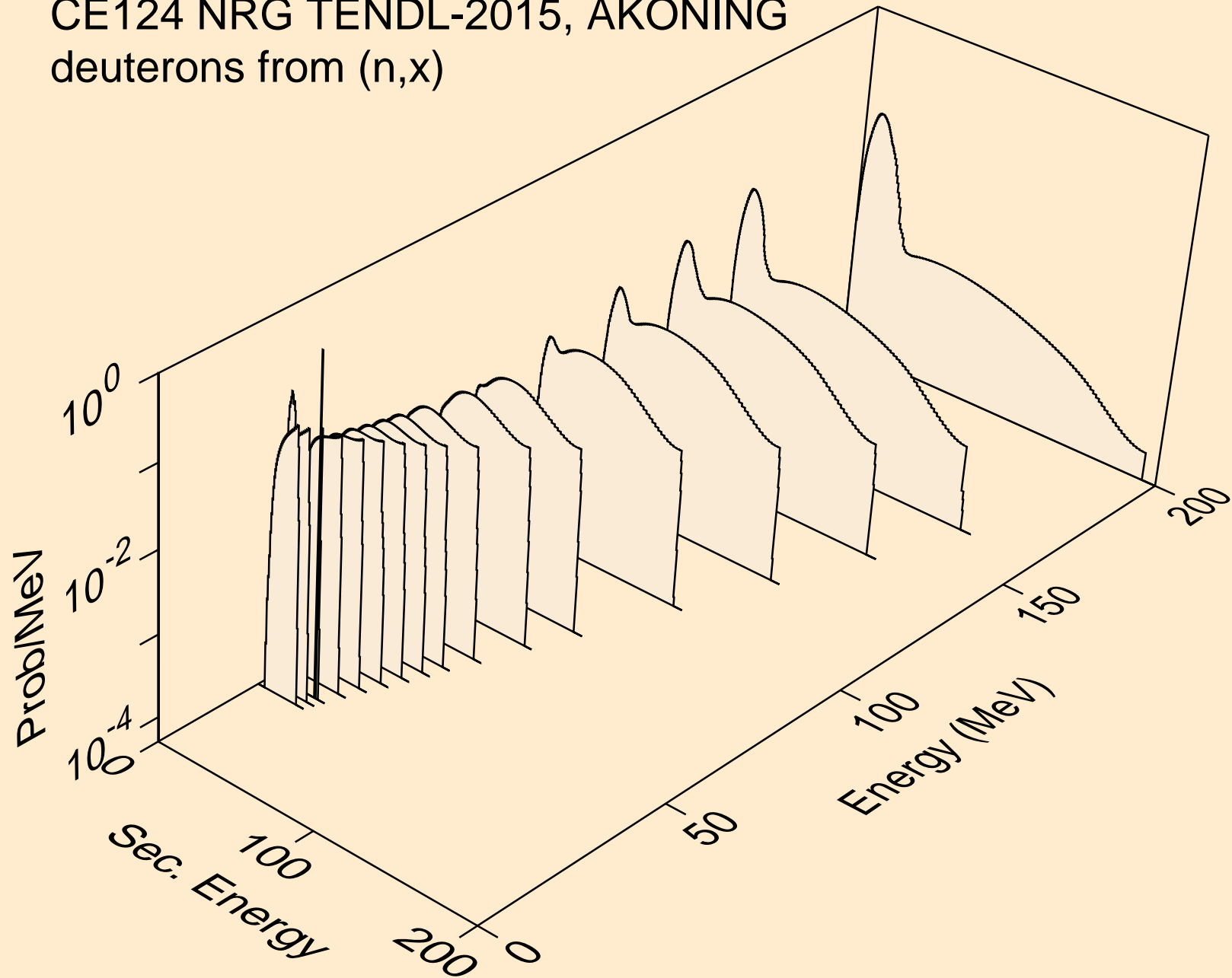
CE124 NRG TENDL-2015, AKONING  
protons from (n,pd)



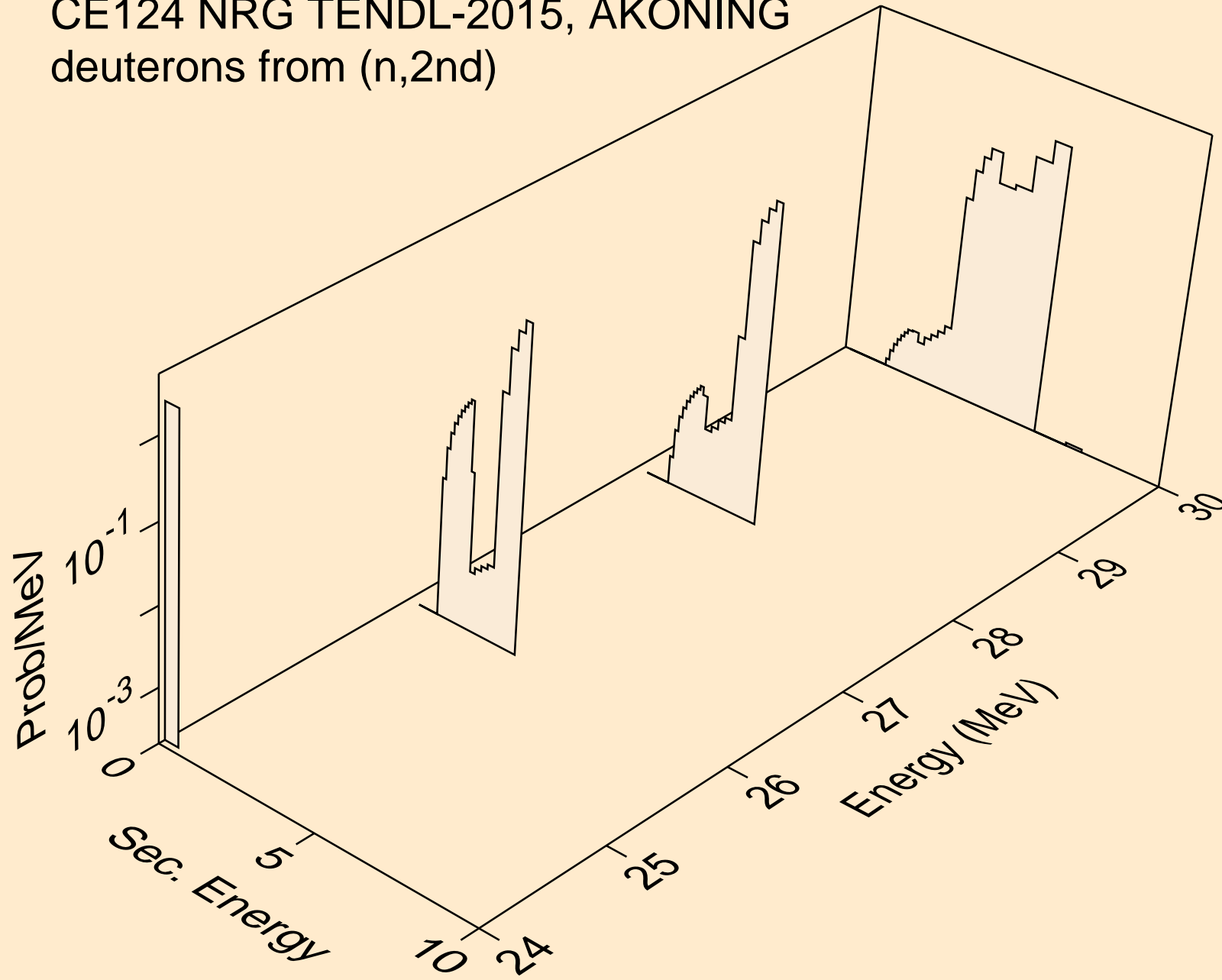
CE124 NRG TENDL-2015, AKONING  
protons from (n,pt)



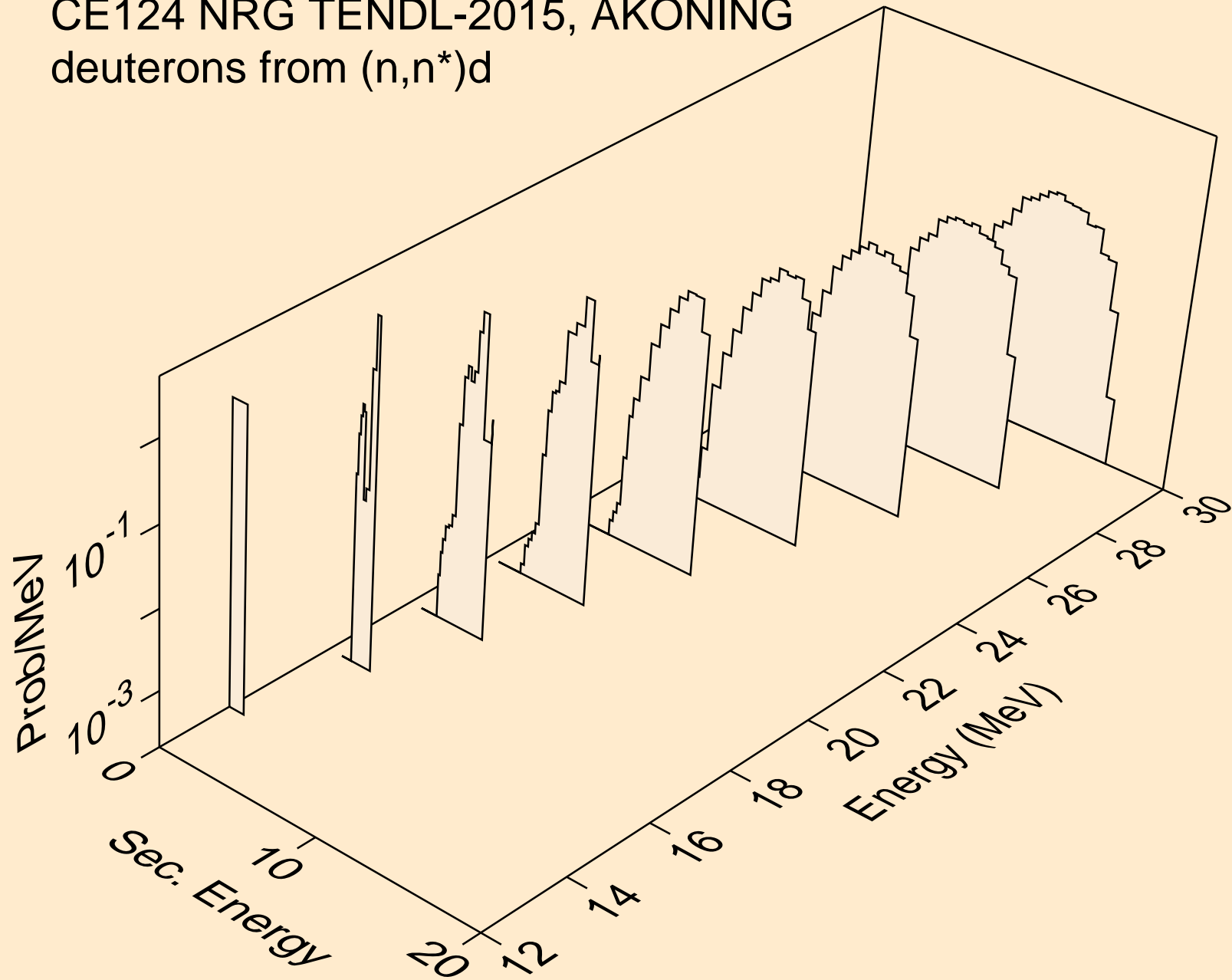
CE124 NRG TENDL-2015, AKONING  
deuterons from (n,x)



CE124 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

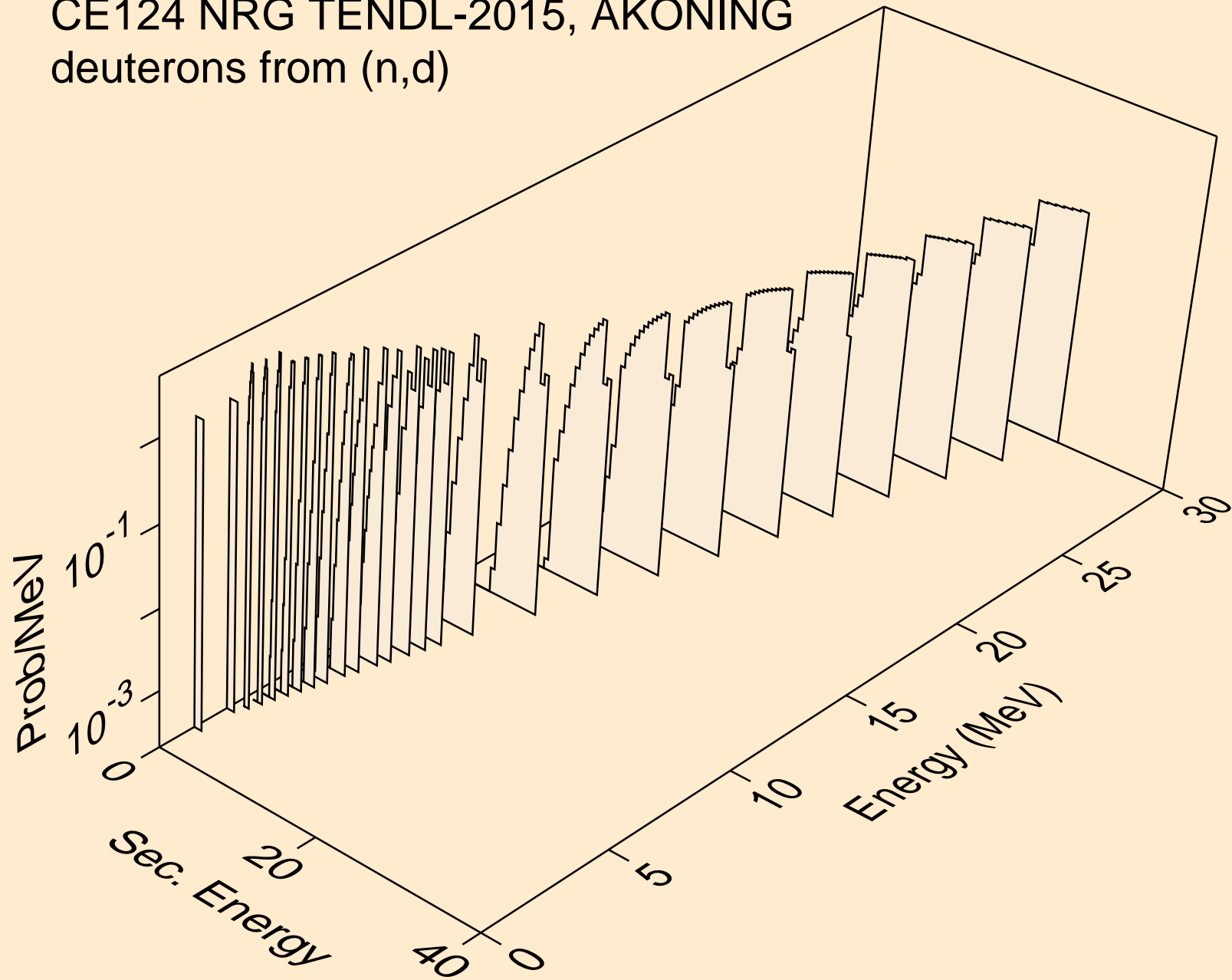


CE124 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

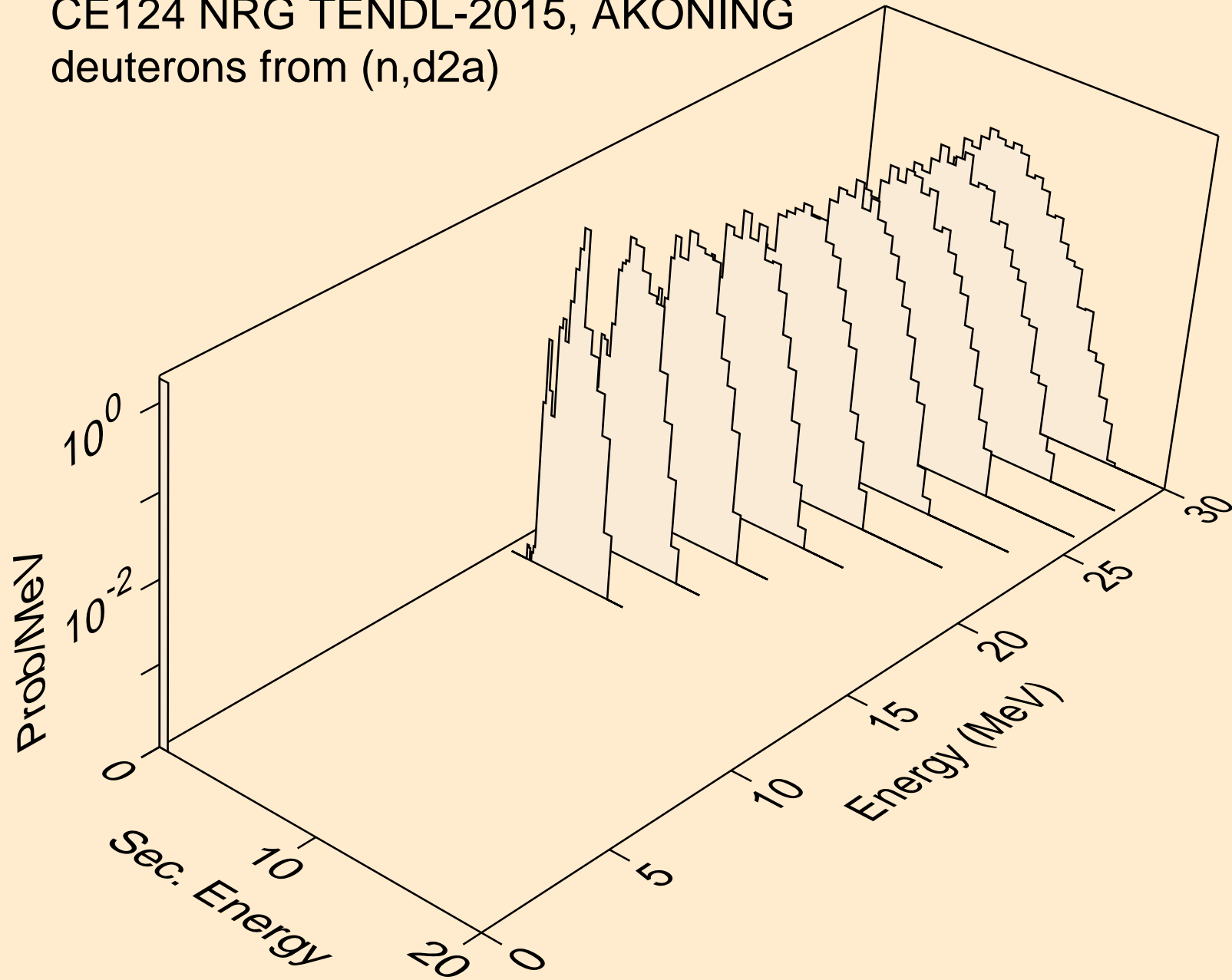




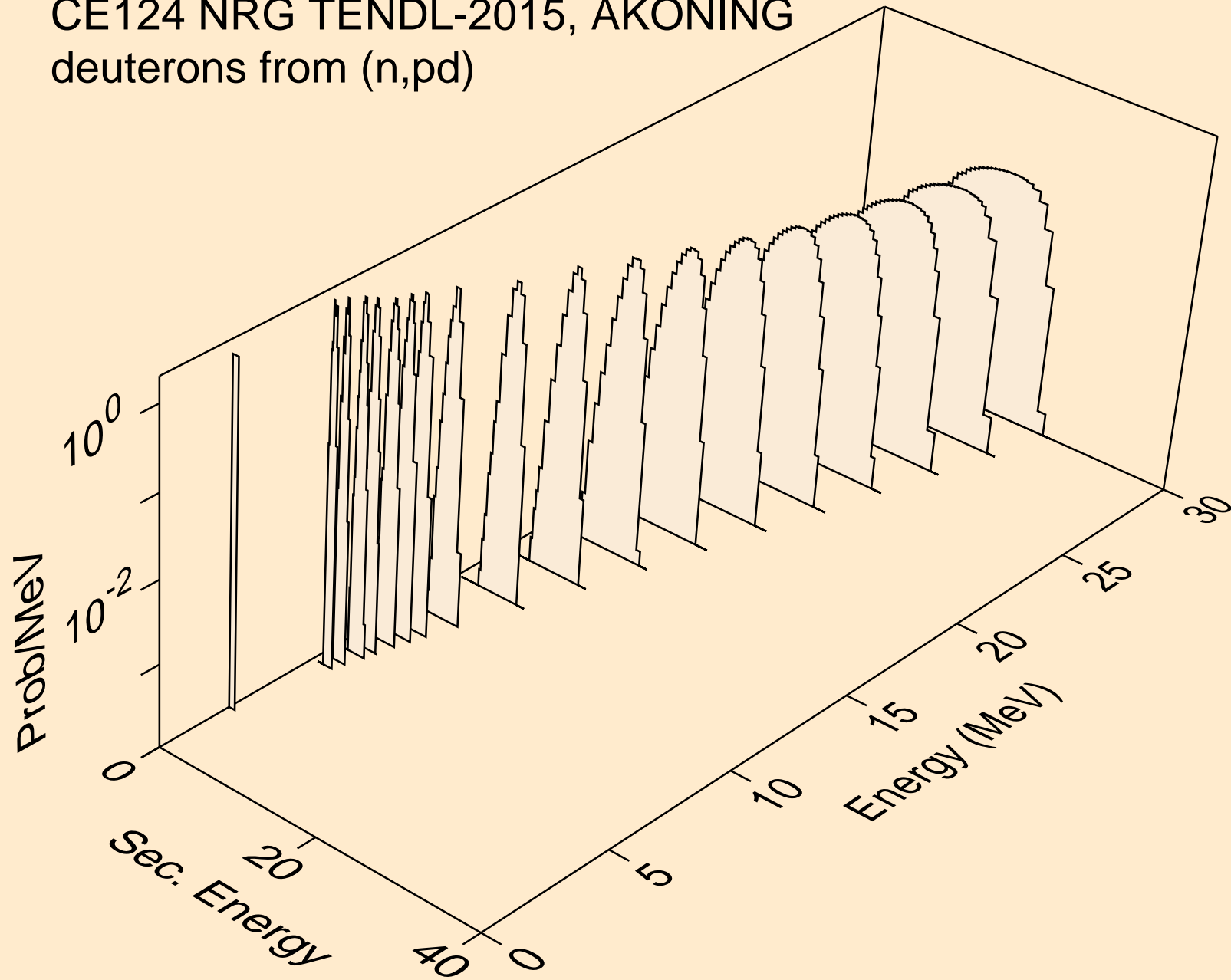
CE124 NRG TENDL-2015, AKONING  
deuterons from (n,d)



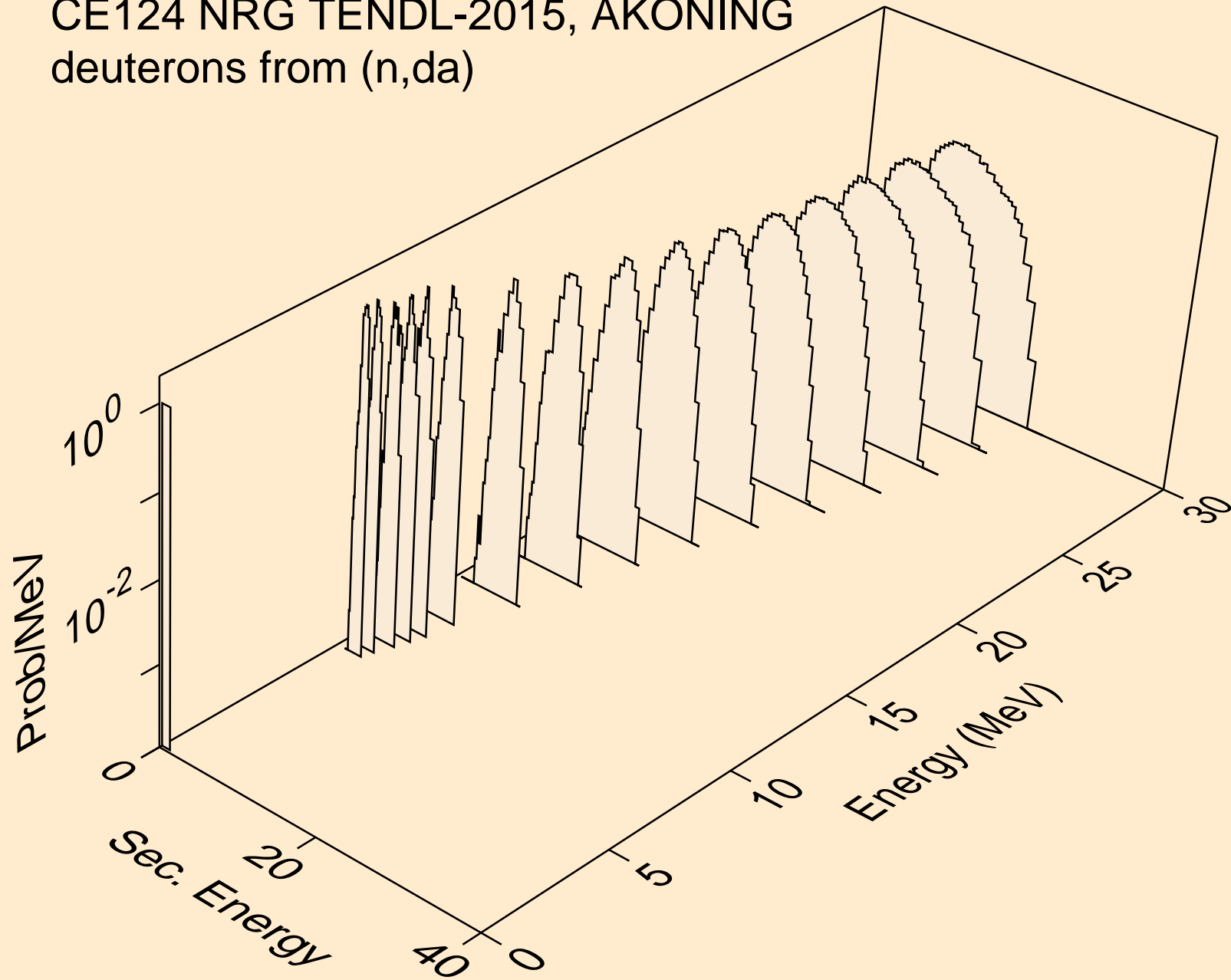
CE124 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



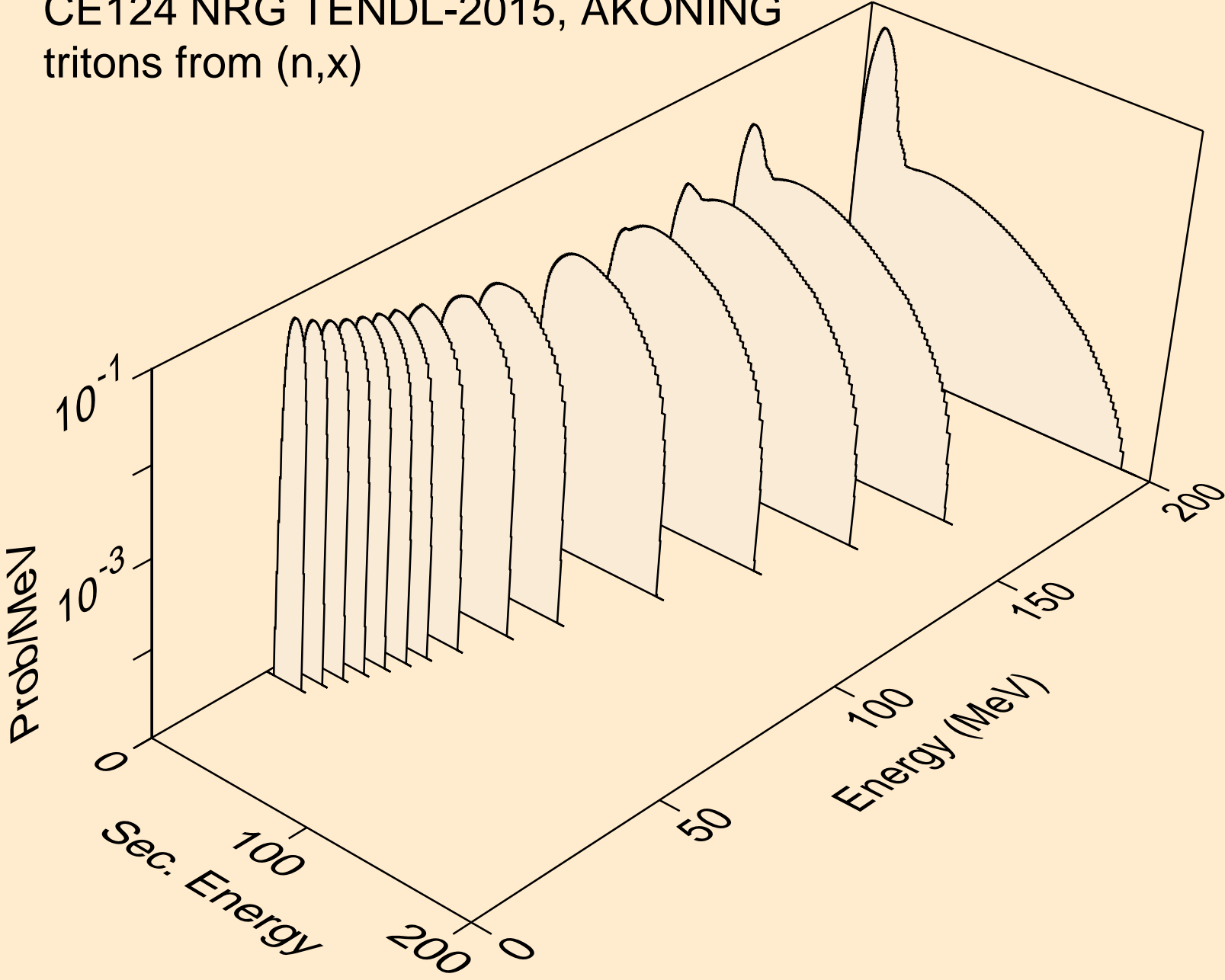
CE124 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



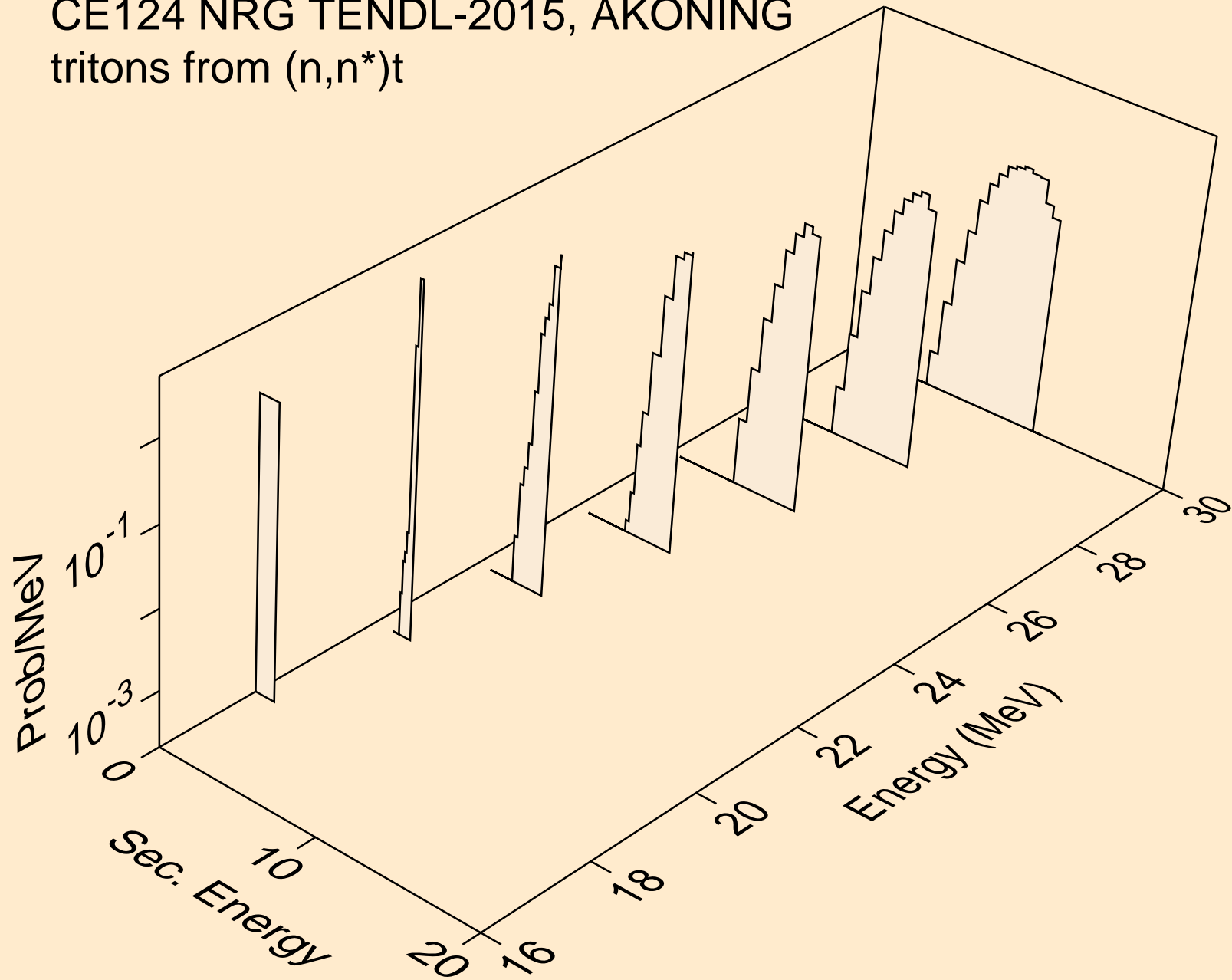
CE124 NRG TENDL-2015, AKONING  
deuterons from (n,da)



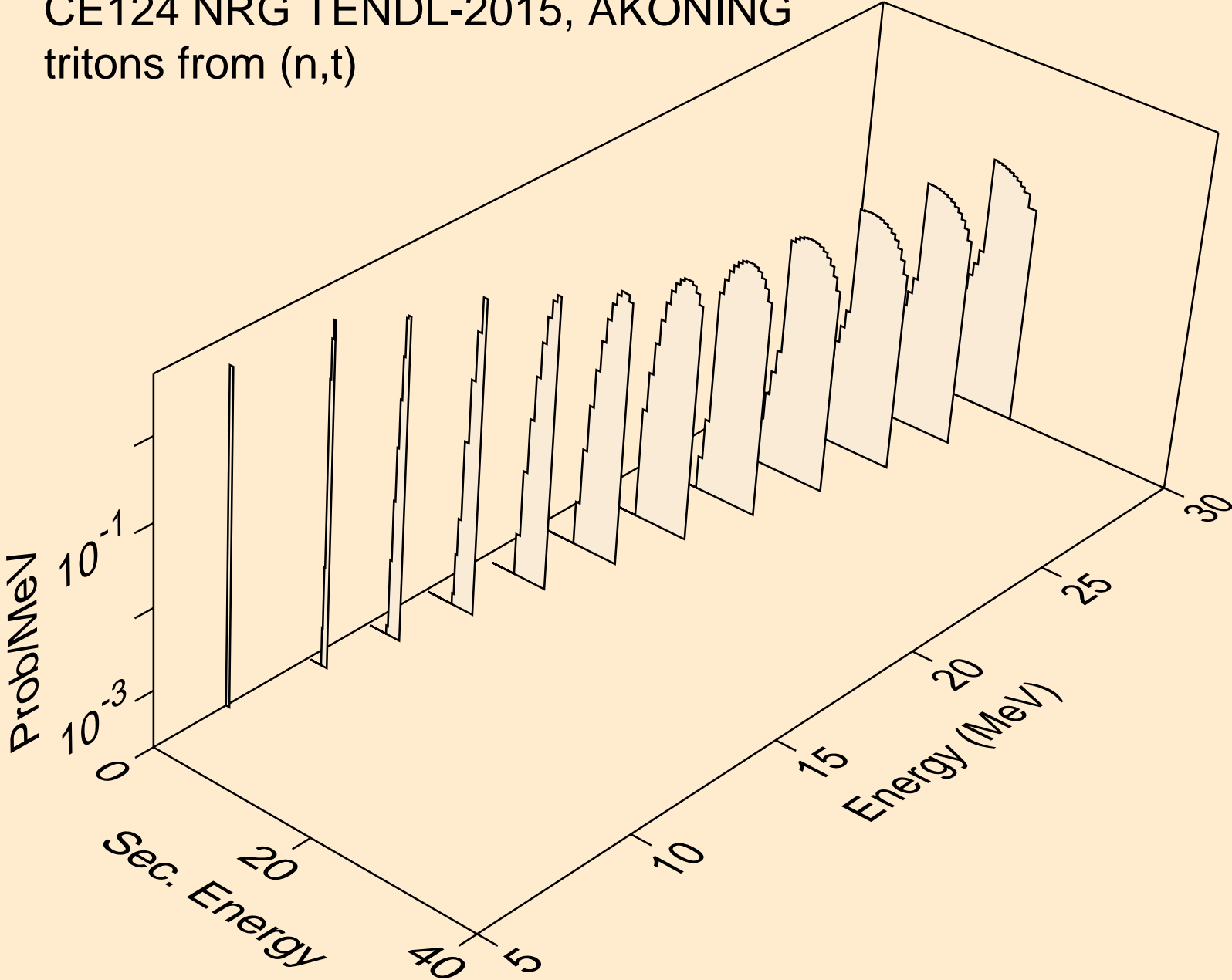
CE124 NRG TENDL-2015, AKONING  
tritons from (n,x)



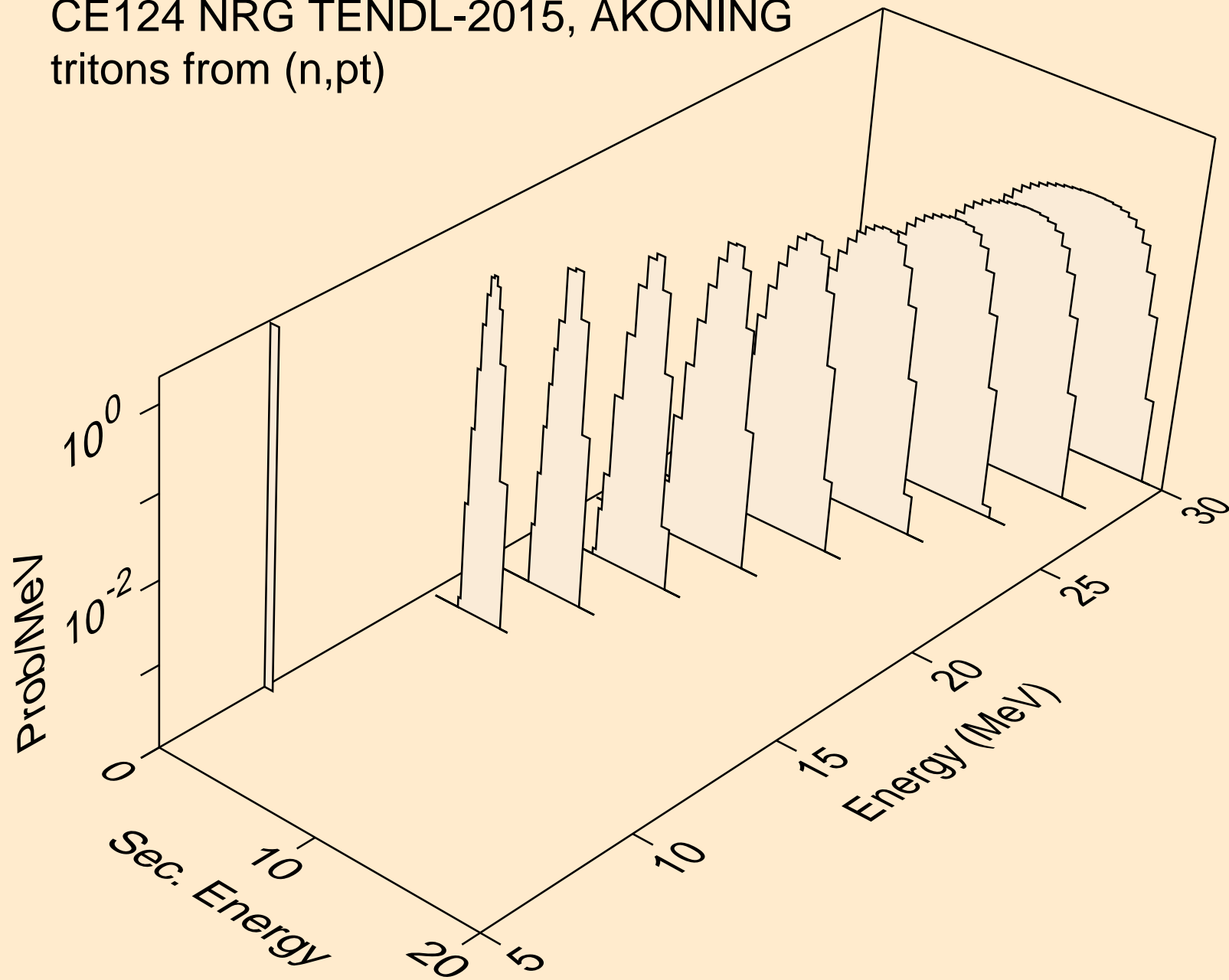
CE124 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



CE124 NRG TENDL-2015, AKONING  
tritons from (n,t)

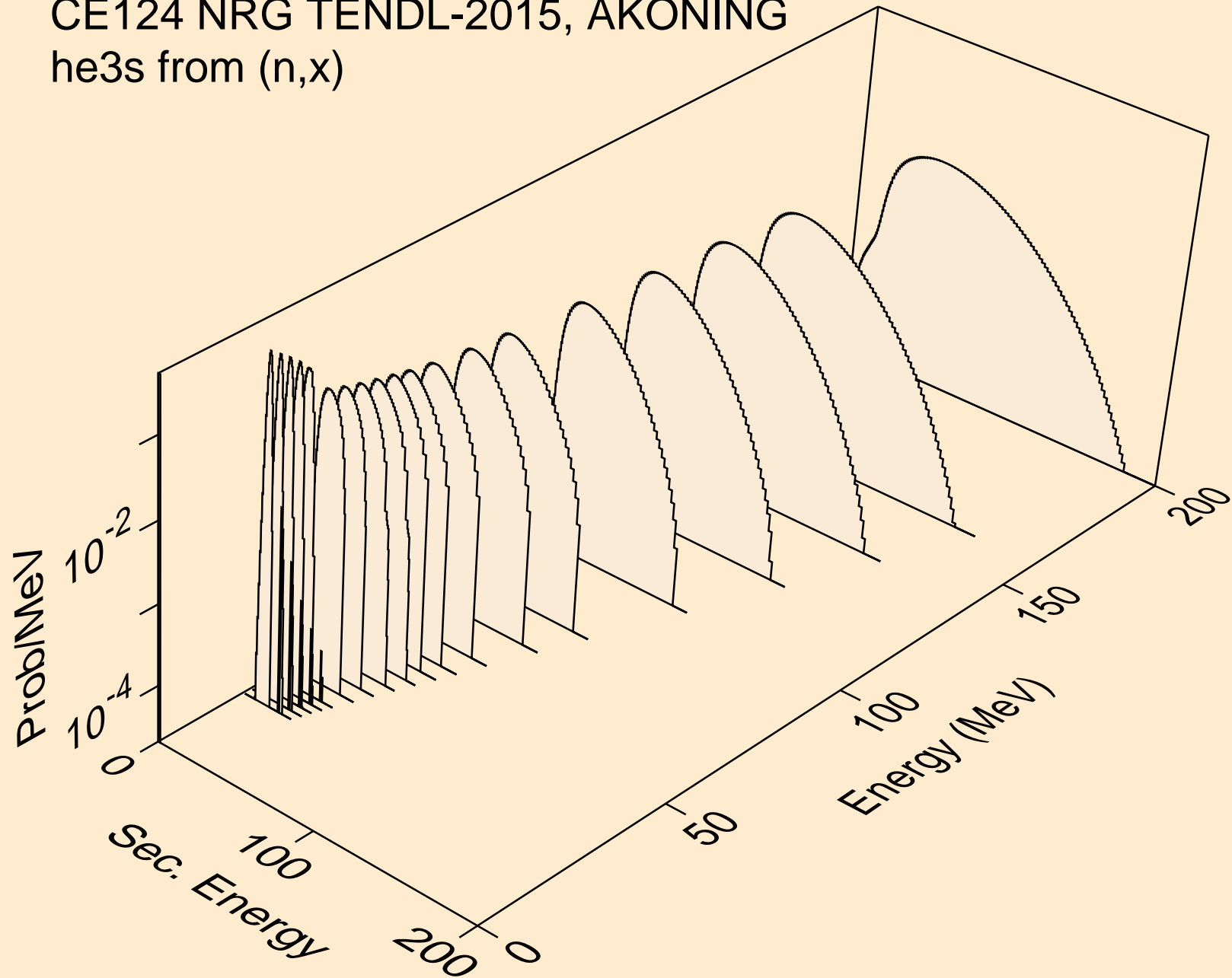


CE124 NRG TENDL-2015, AKONING  
tritons from (n,pt)

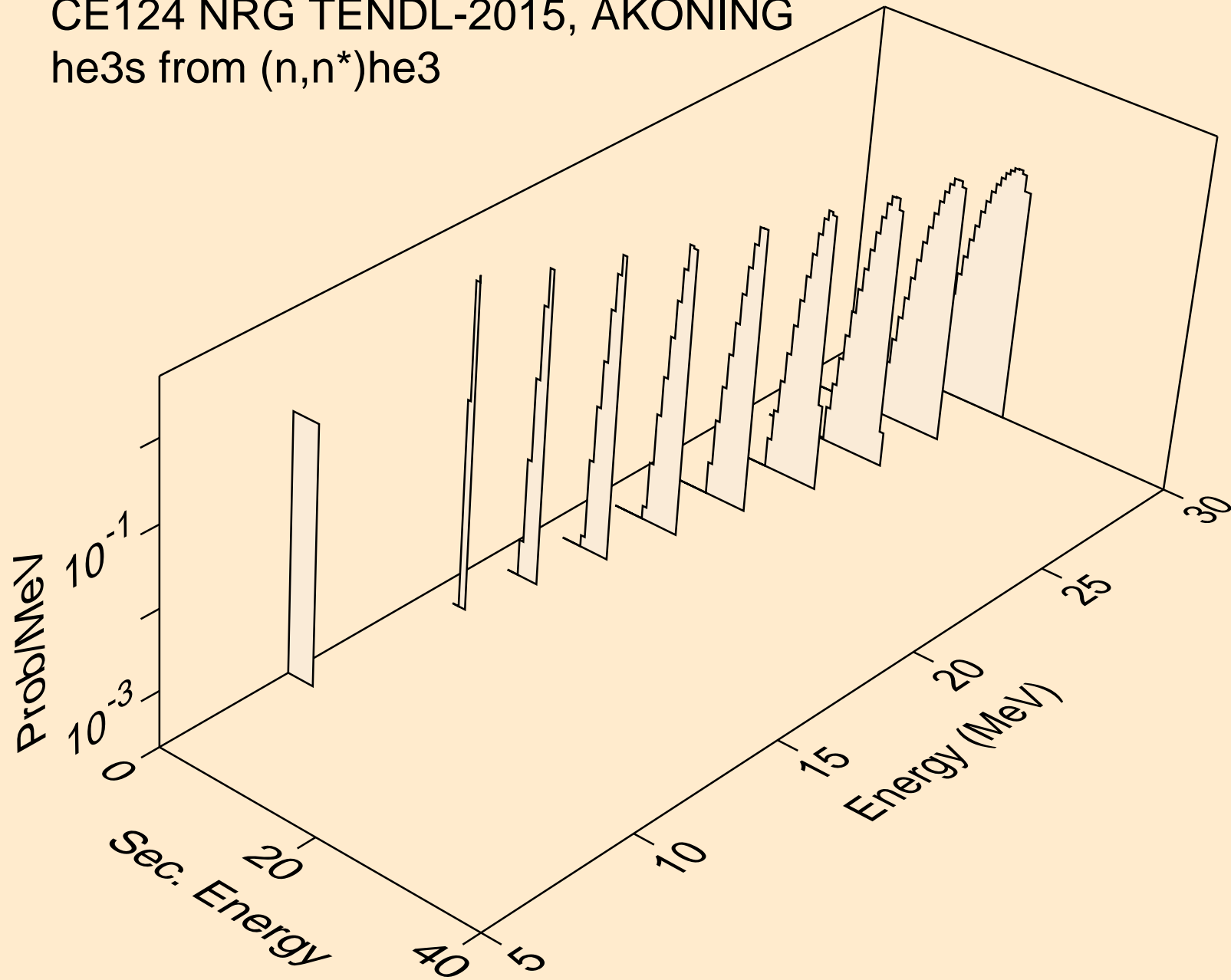




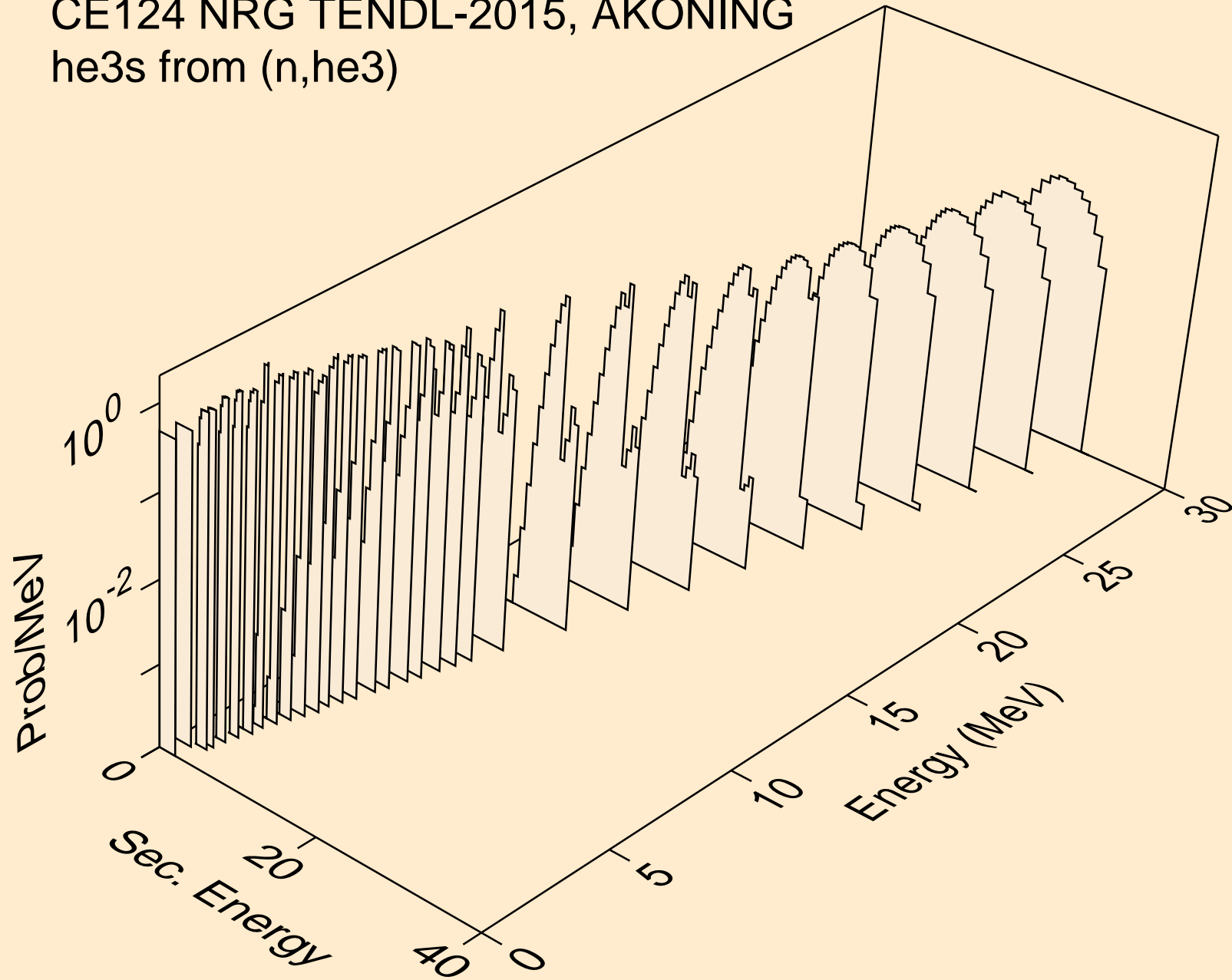
CE124 NRG TENDL-2015, AKONING  
he3s from (n,x)



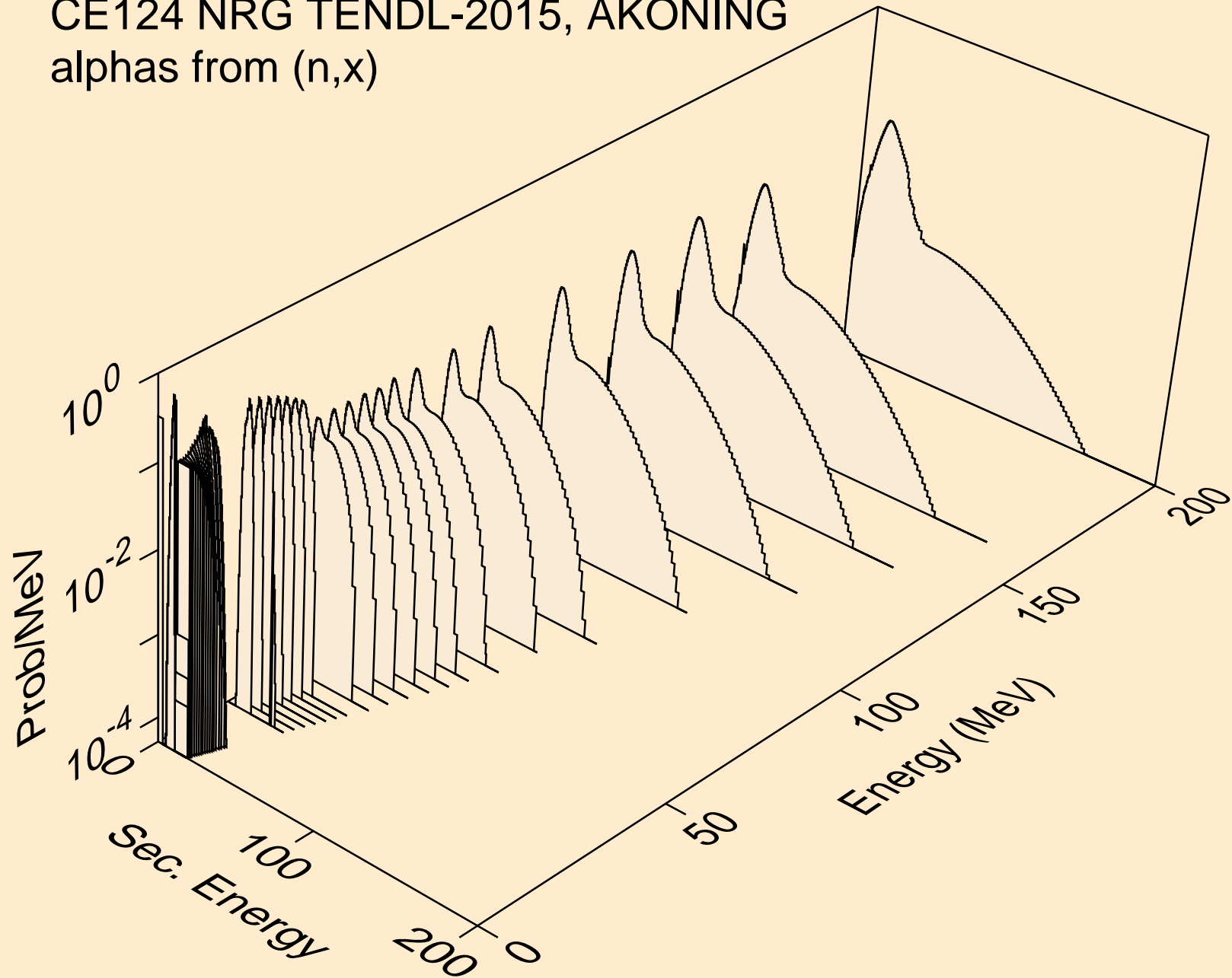
CE124 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



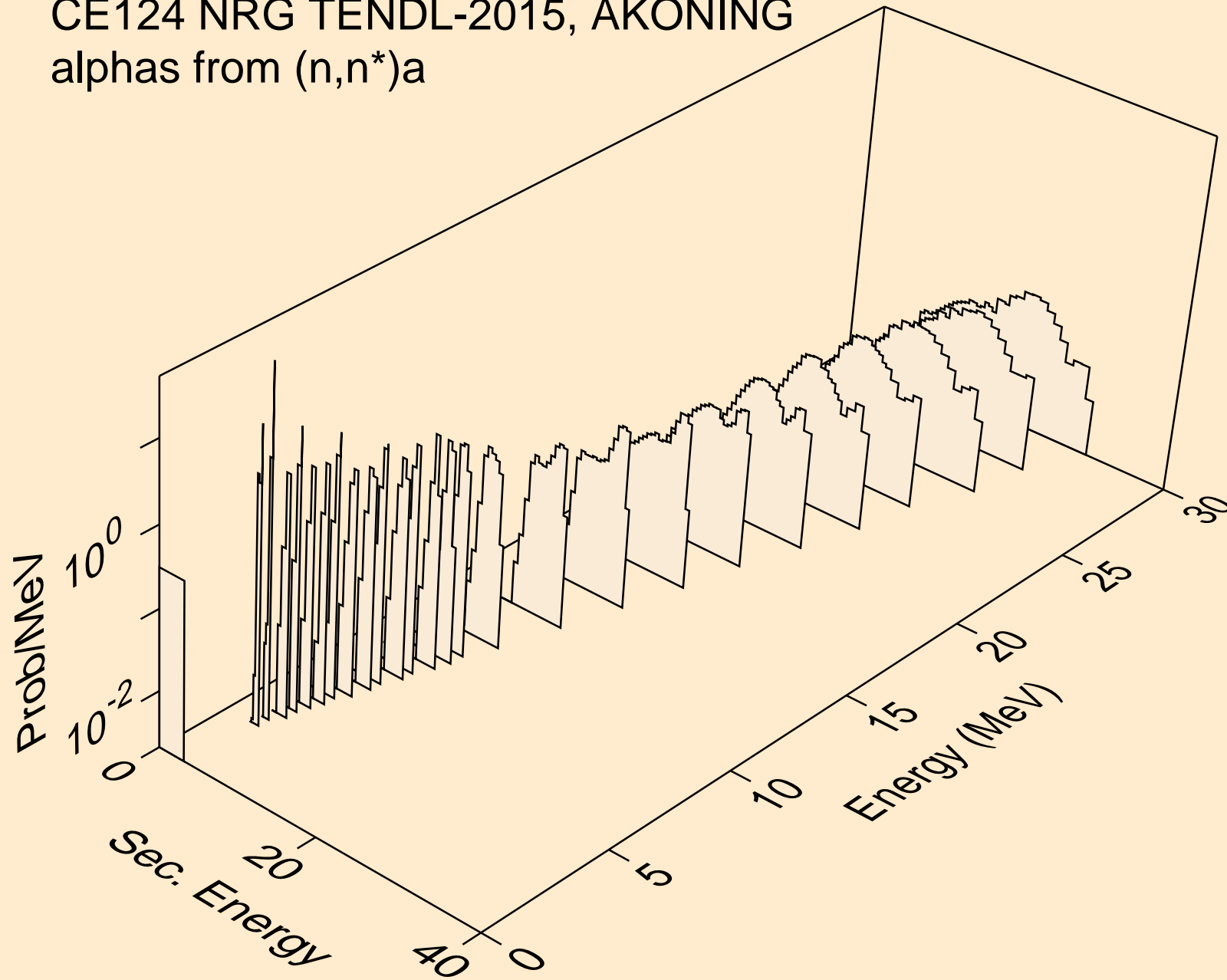
CE124 NRG TENDL-2015, AKONING  
he3s from (n,he3)



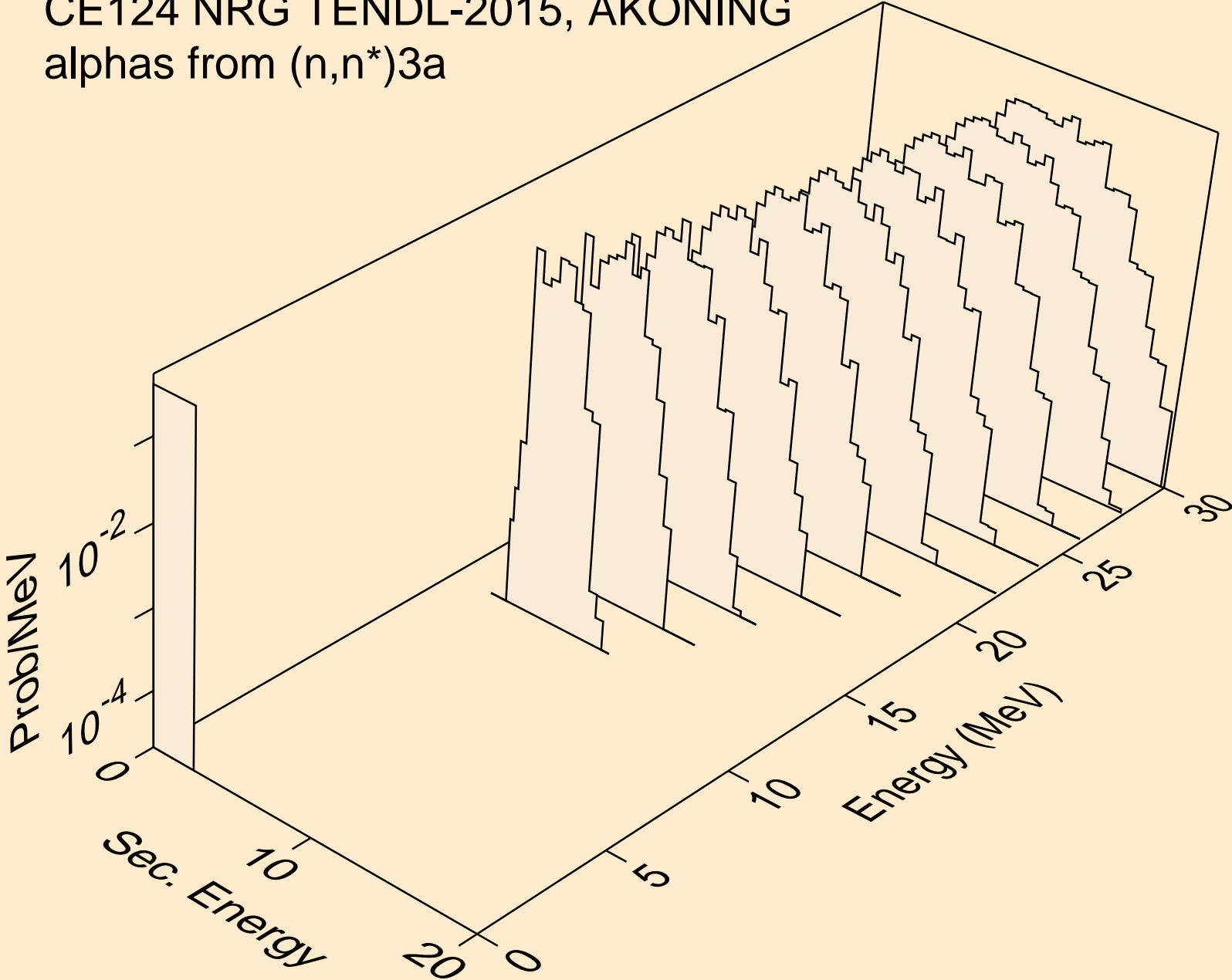
CE124 NRG TENDL-2015, AKONING  
alphas from (n,x)



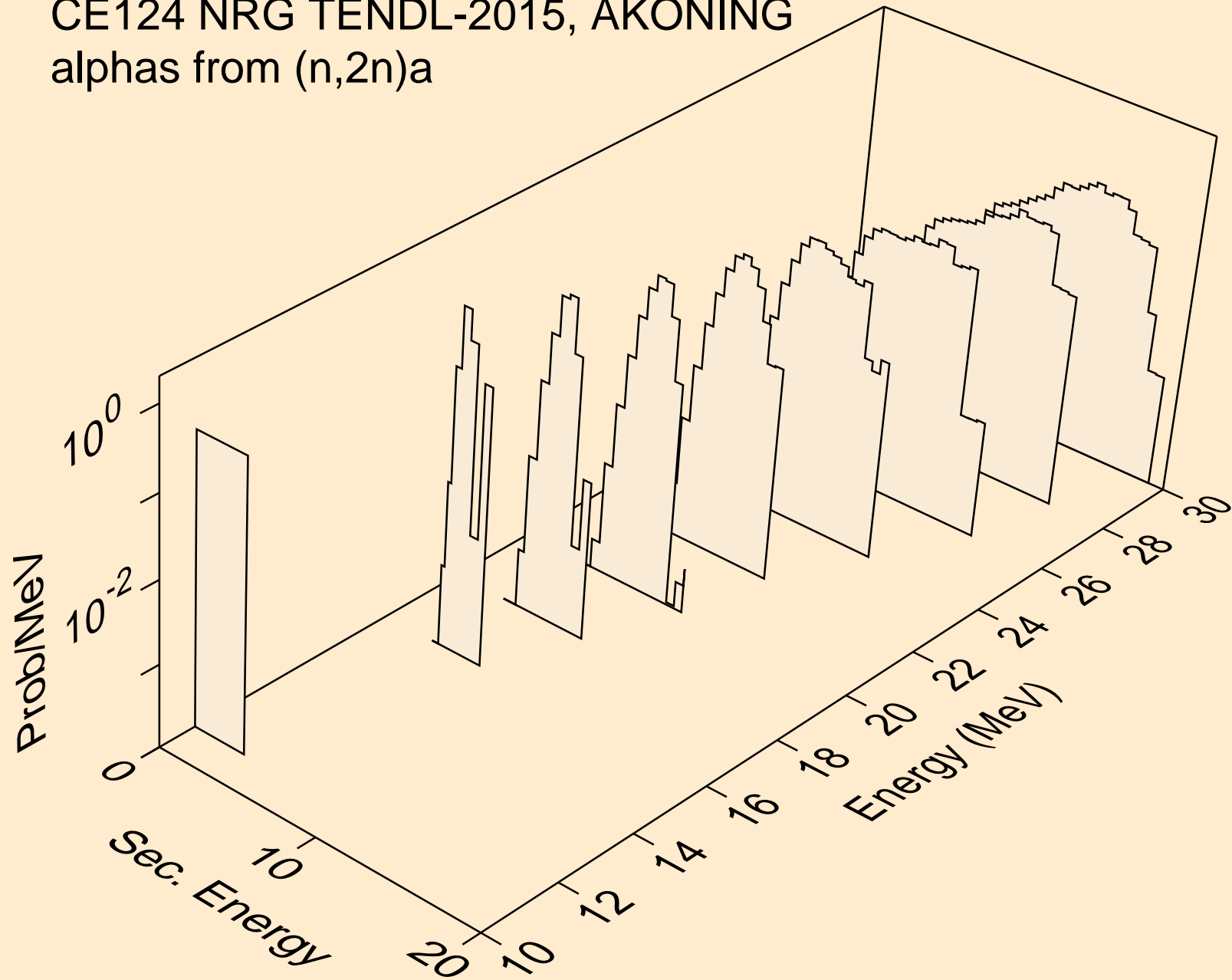
CE124 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



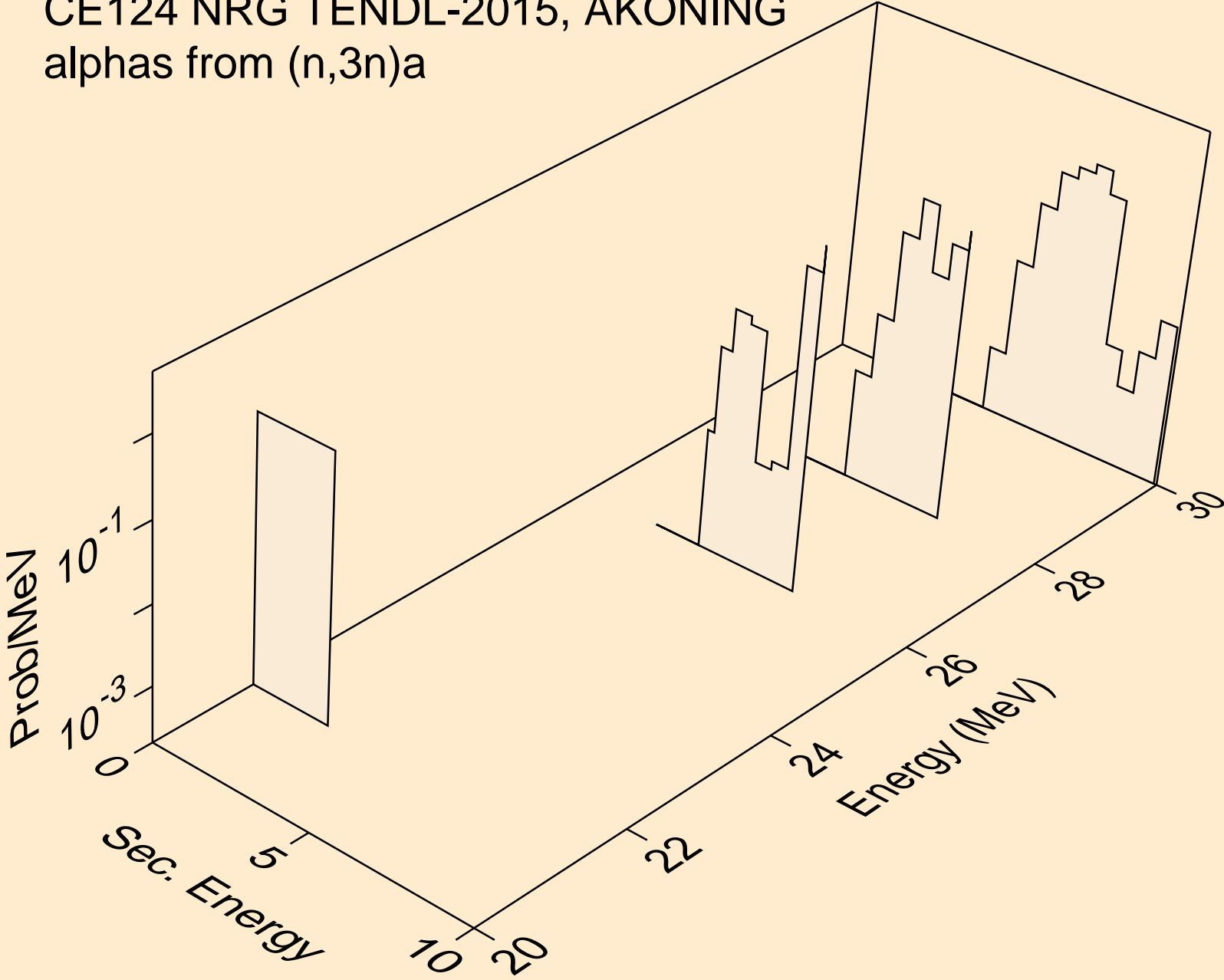
CE124 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



CE124 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

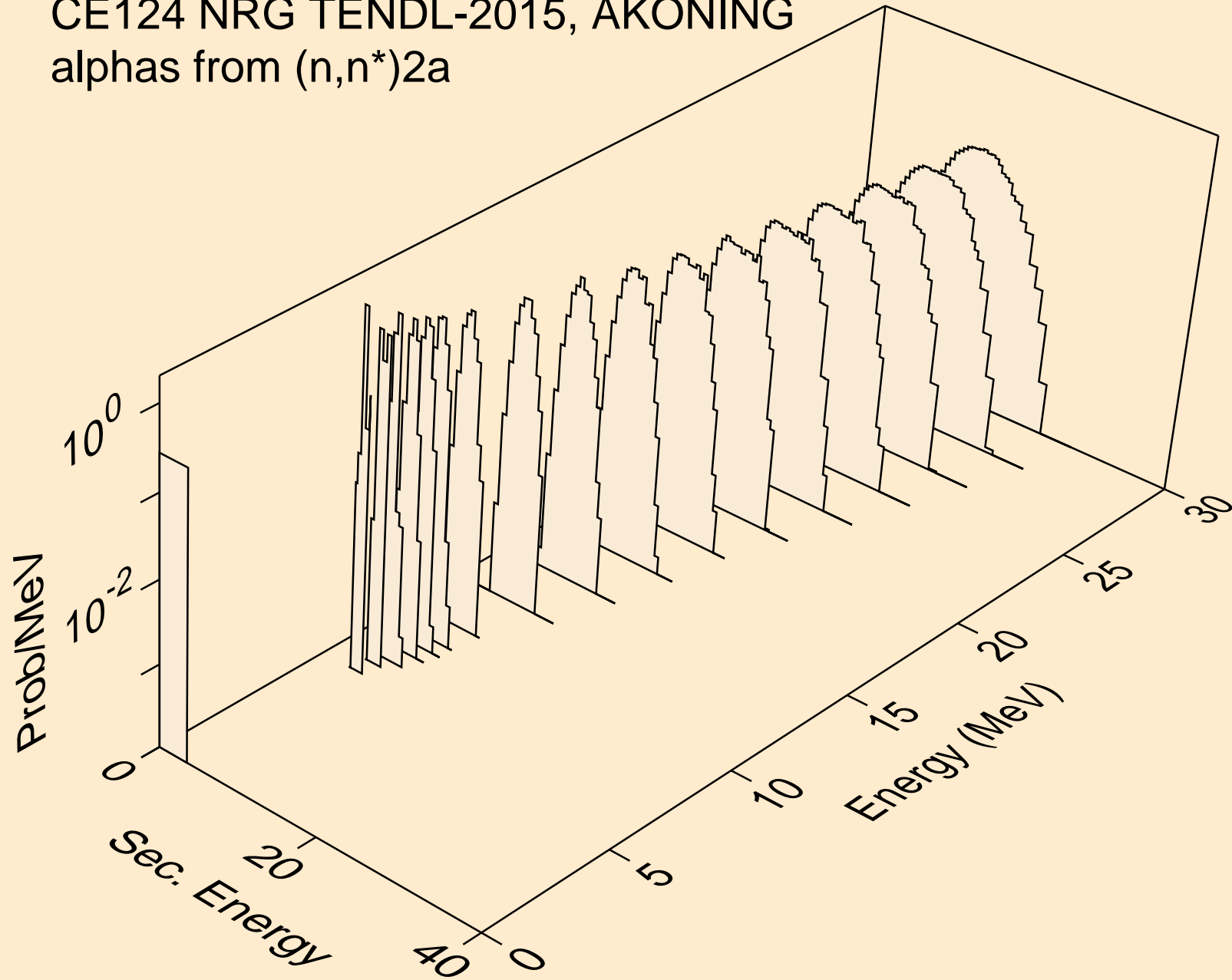


CE124 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

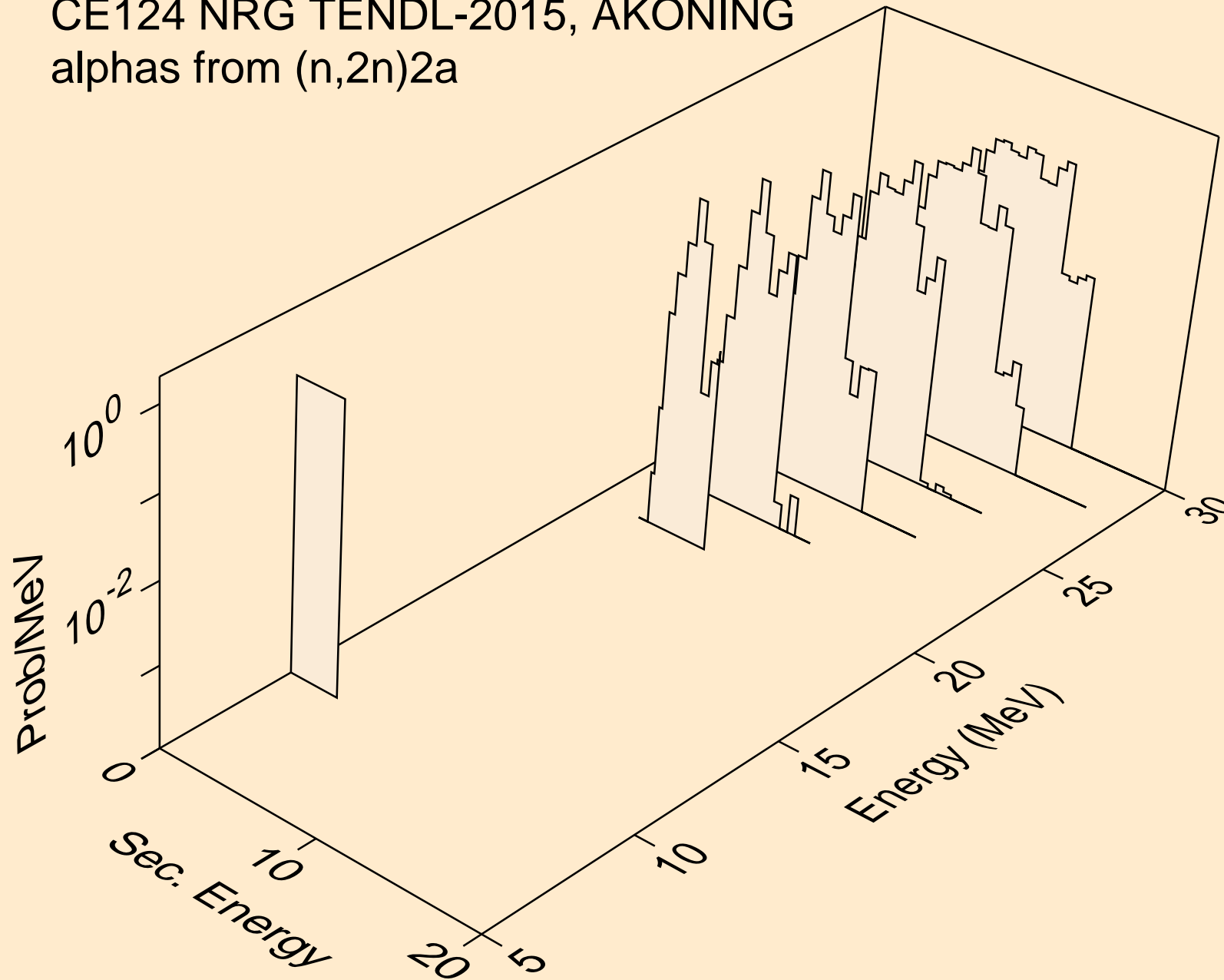




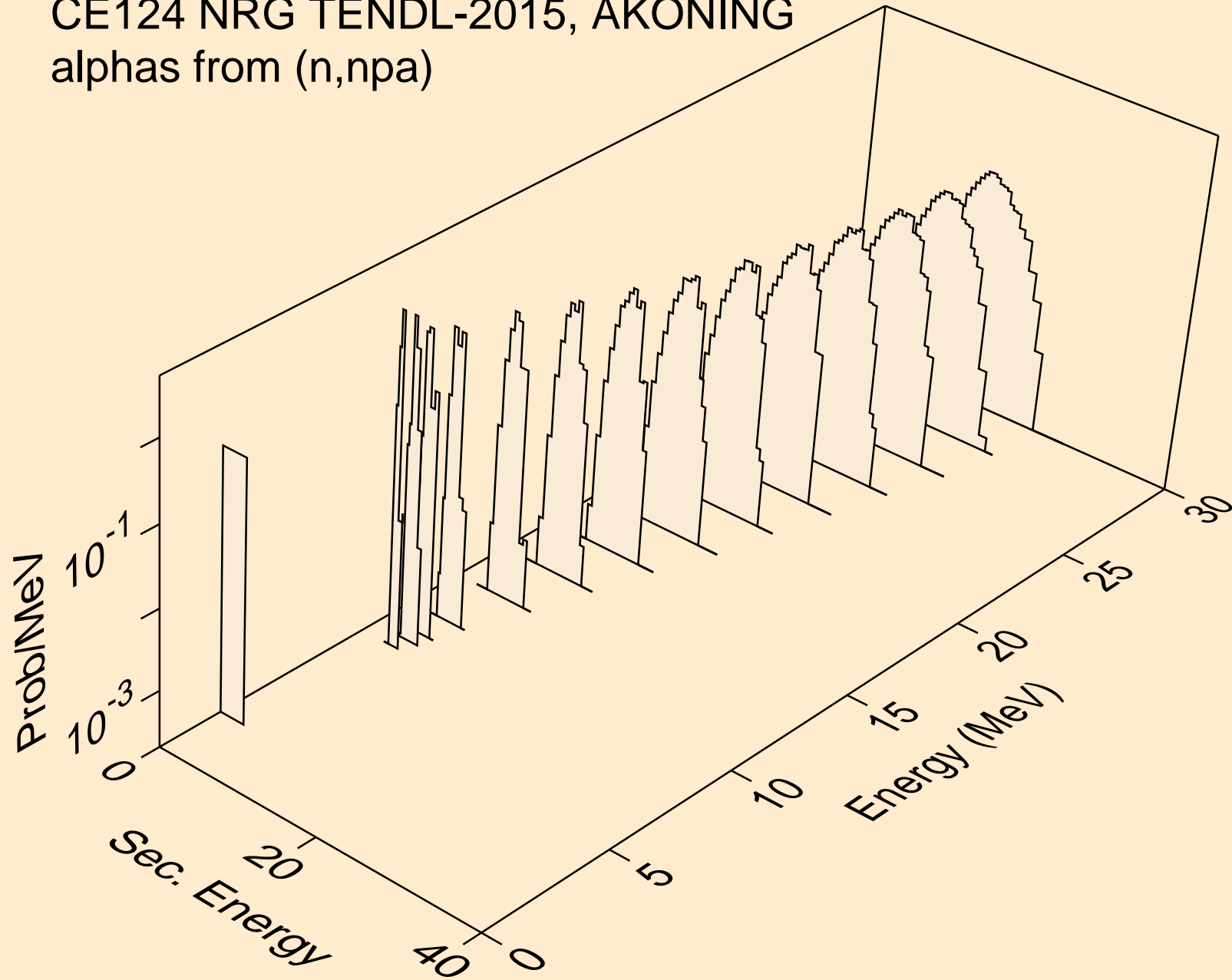
CE124 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



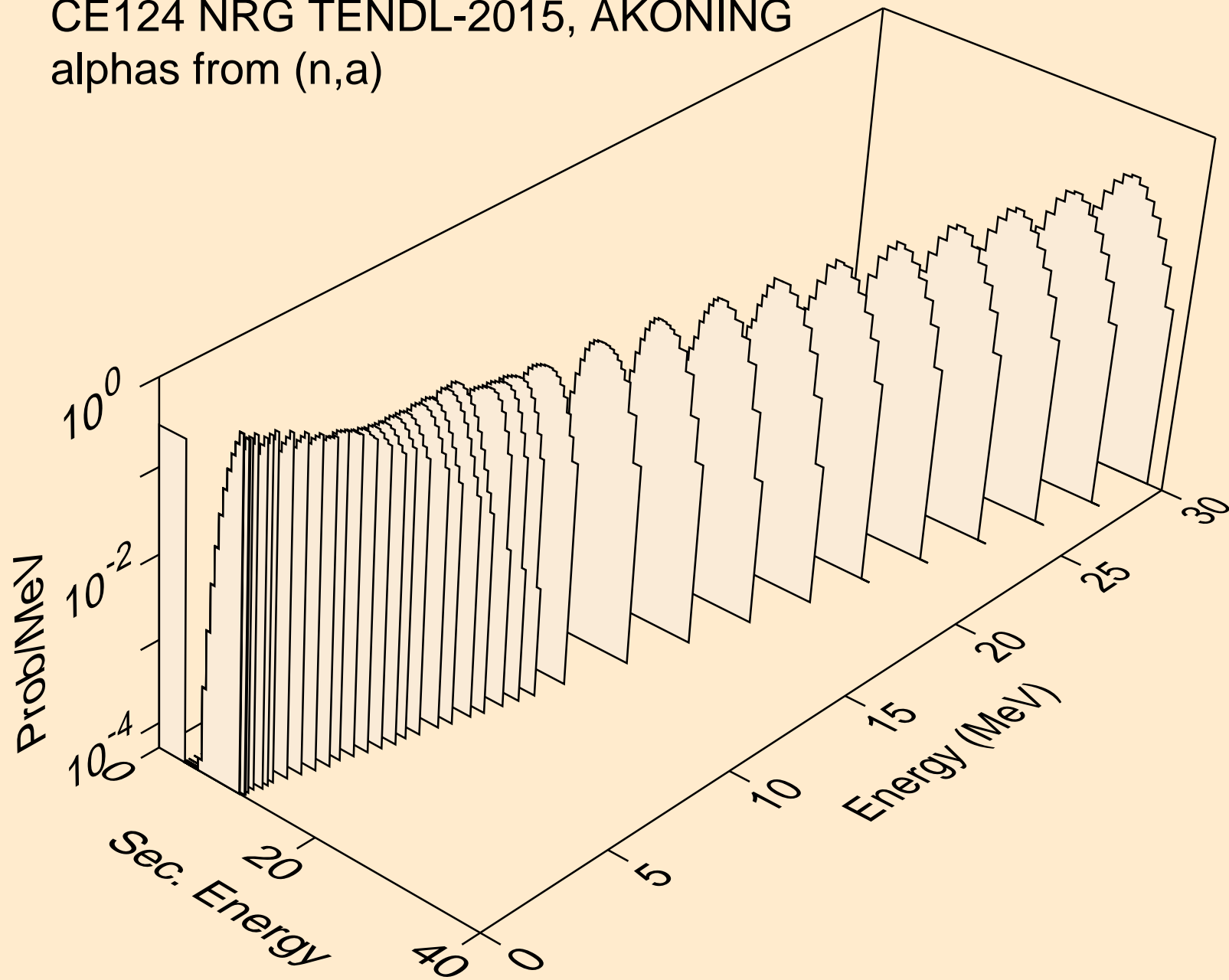
CE124 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



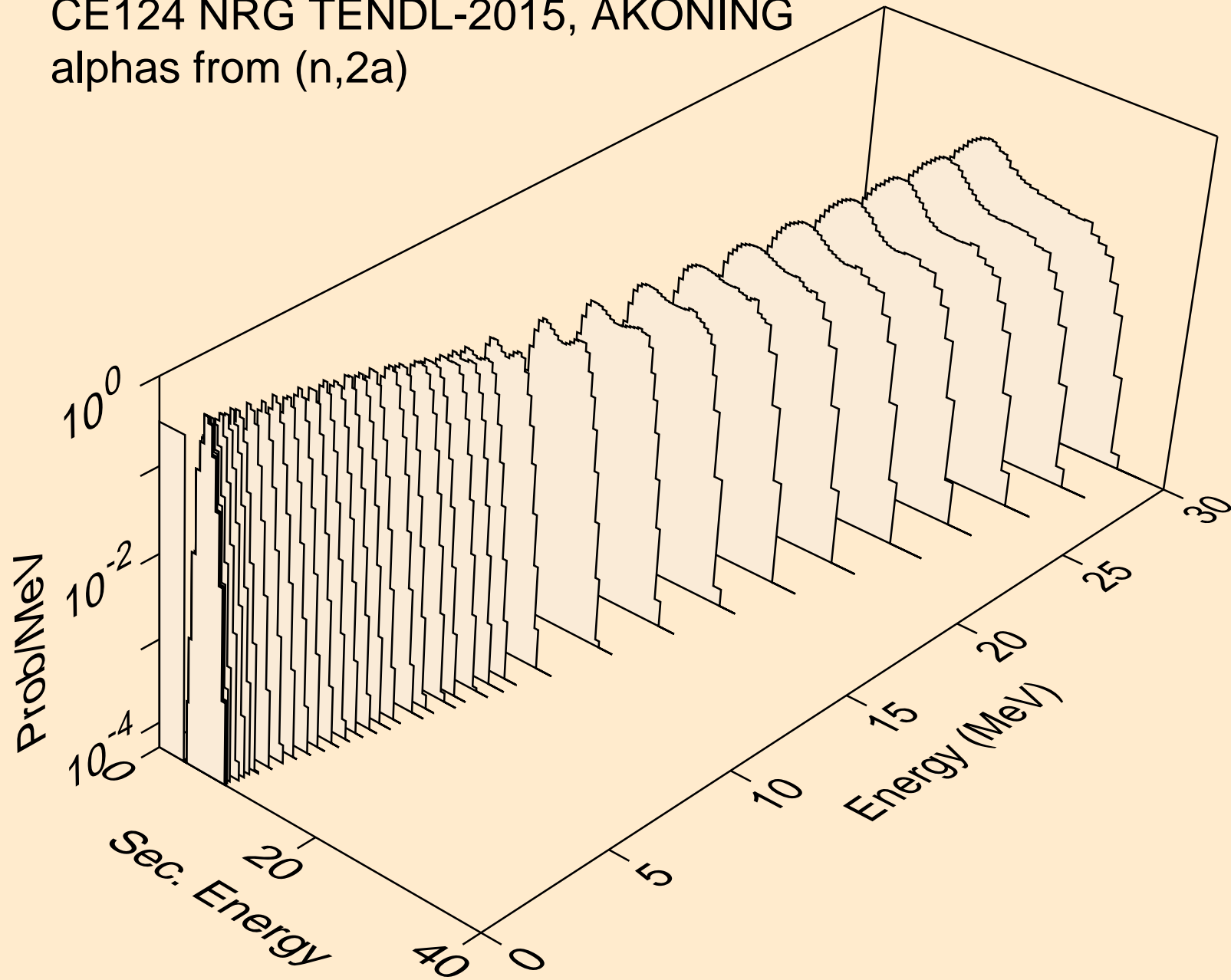
CE124 NRG TENDL-2015, AKONING  
alphas from (n,npa)



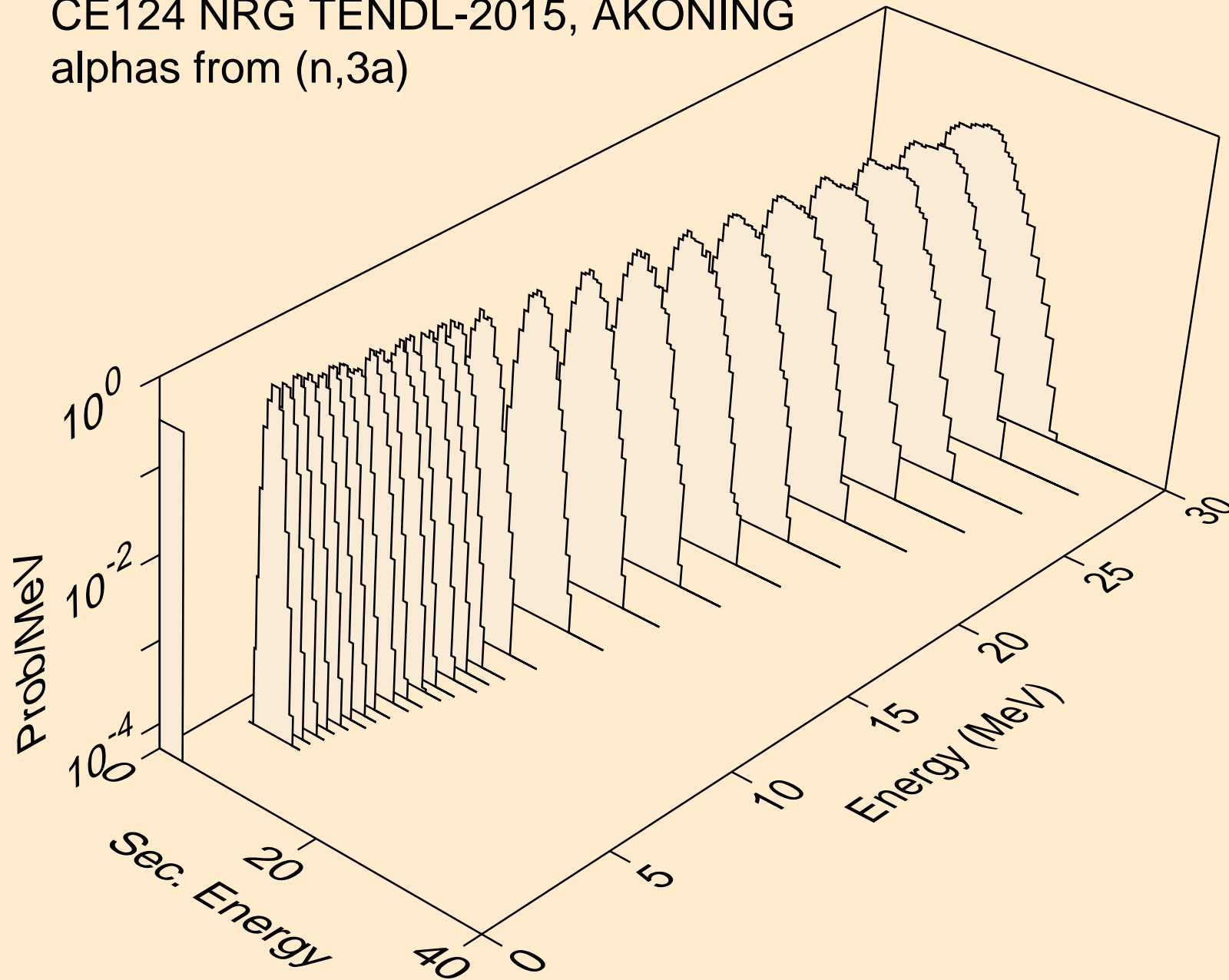
CE124 NRG TENDL-2015, AKONING  
alphas from (n,a)



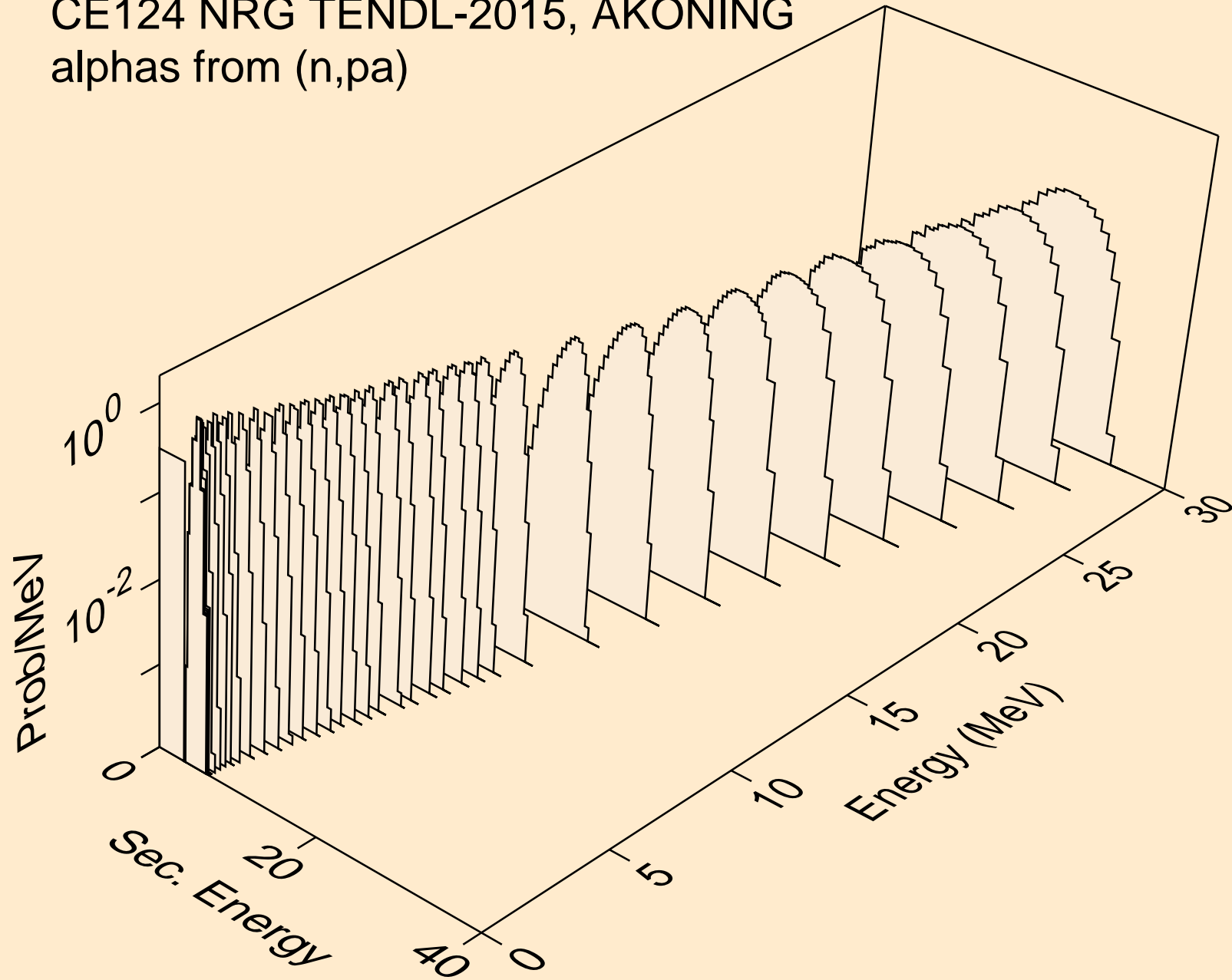
CE124 NRG TENDL-2015, AKONING  
alphas from (n,2a)



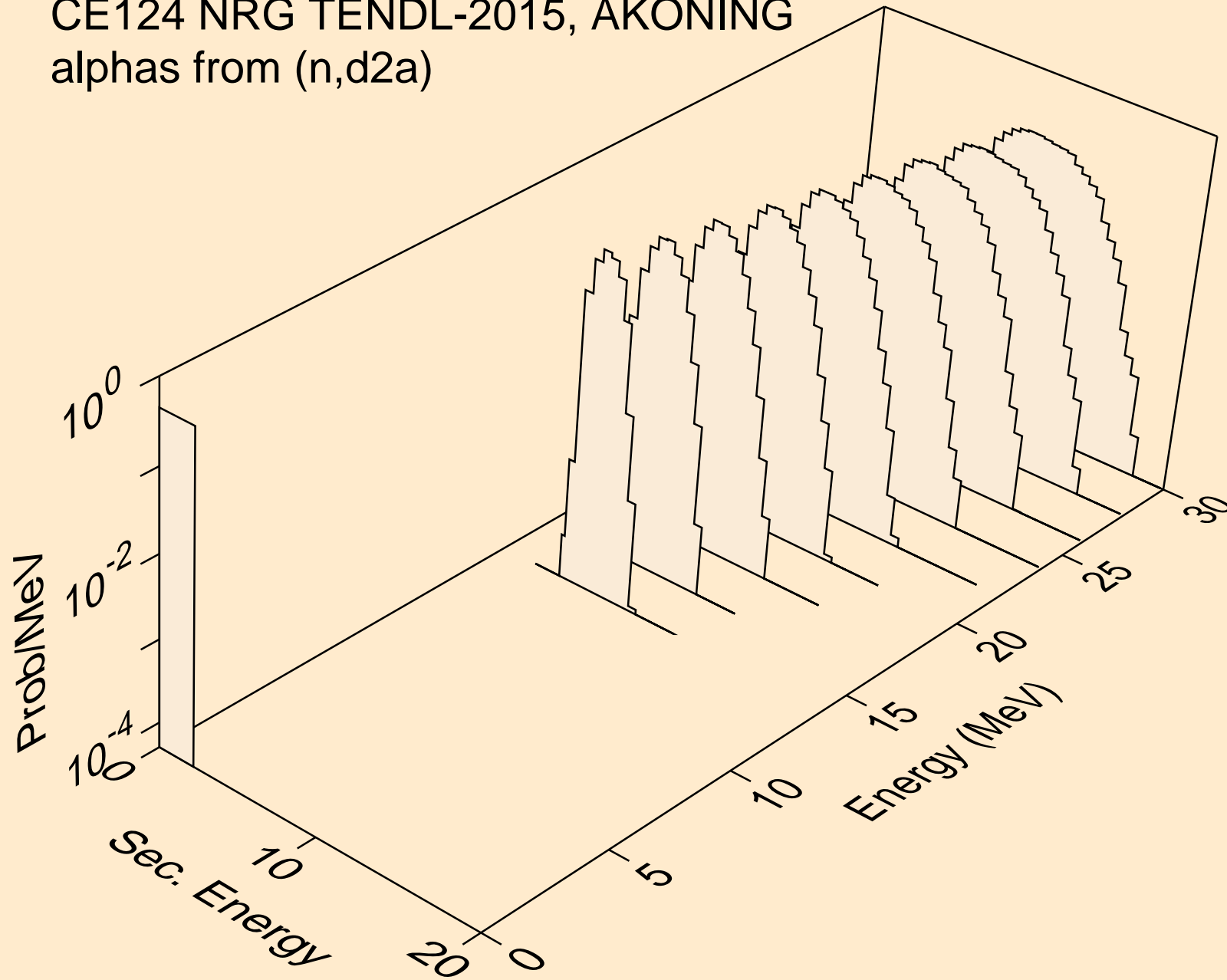
CE124 NRG TENDL-2015, AKONING  
alphas from (n,3a)



CE124 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CE124 NRG TENDL-2015, AKONING  
alphas from (n,d2a)





CE124 NRG TENDL-2015, AKONING  
alphas from (n,da)

