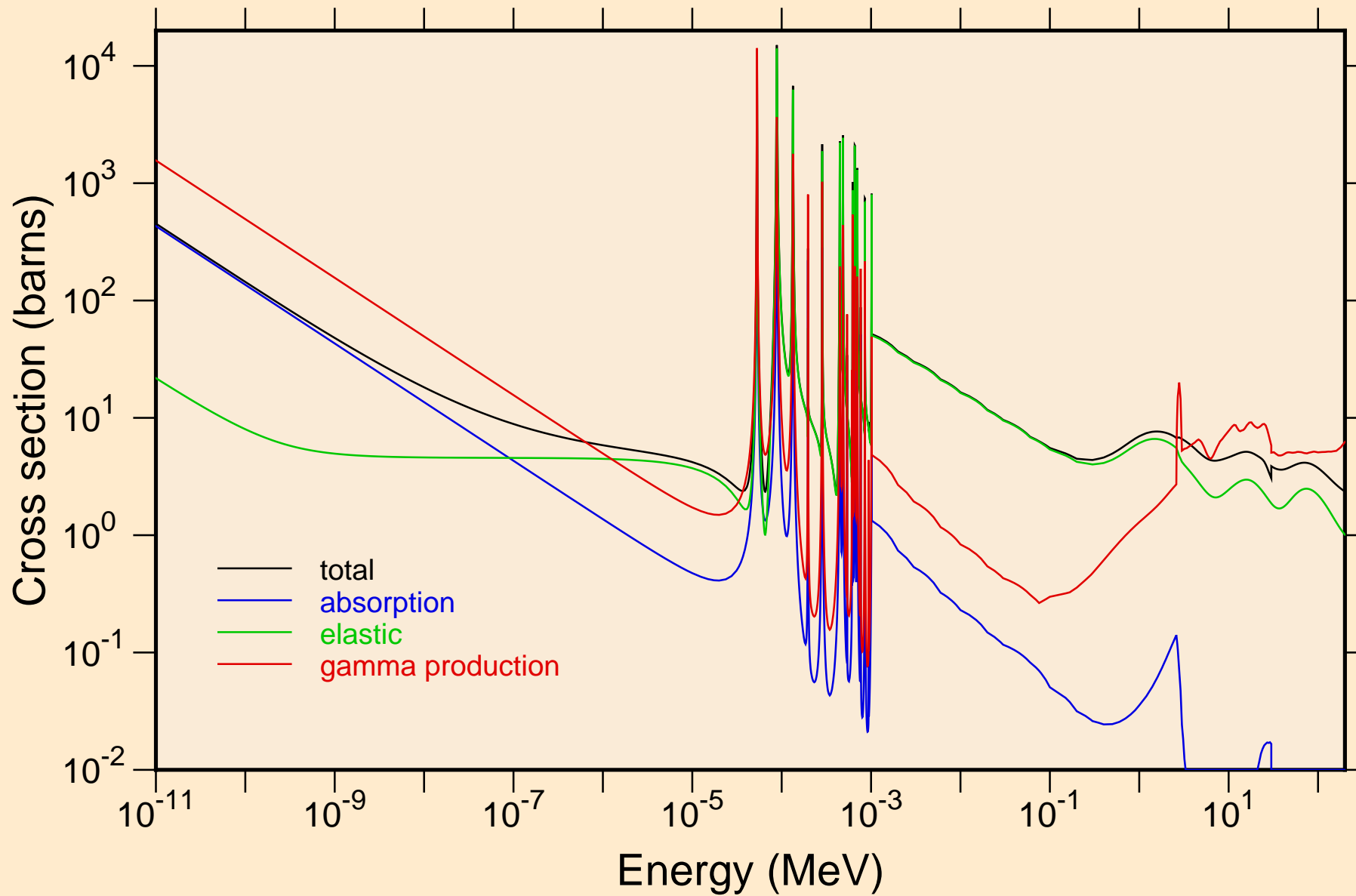
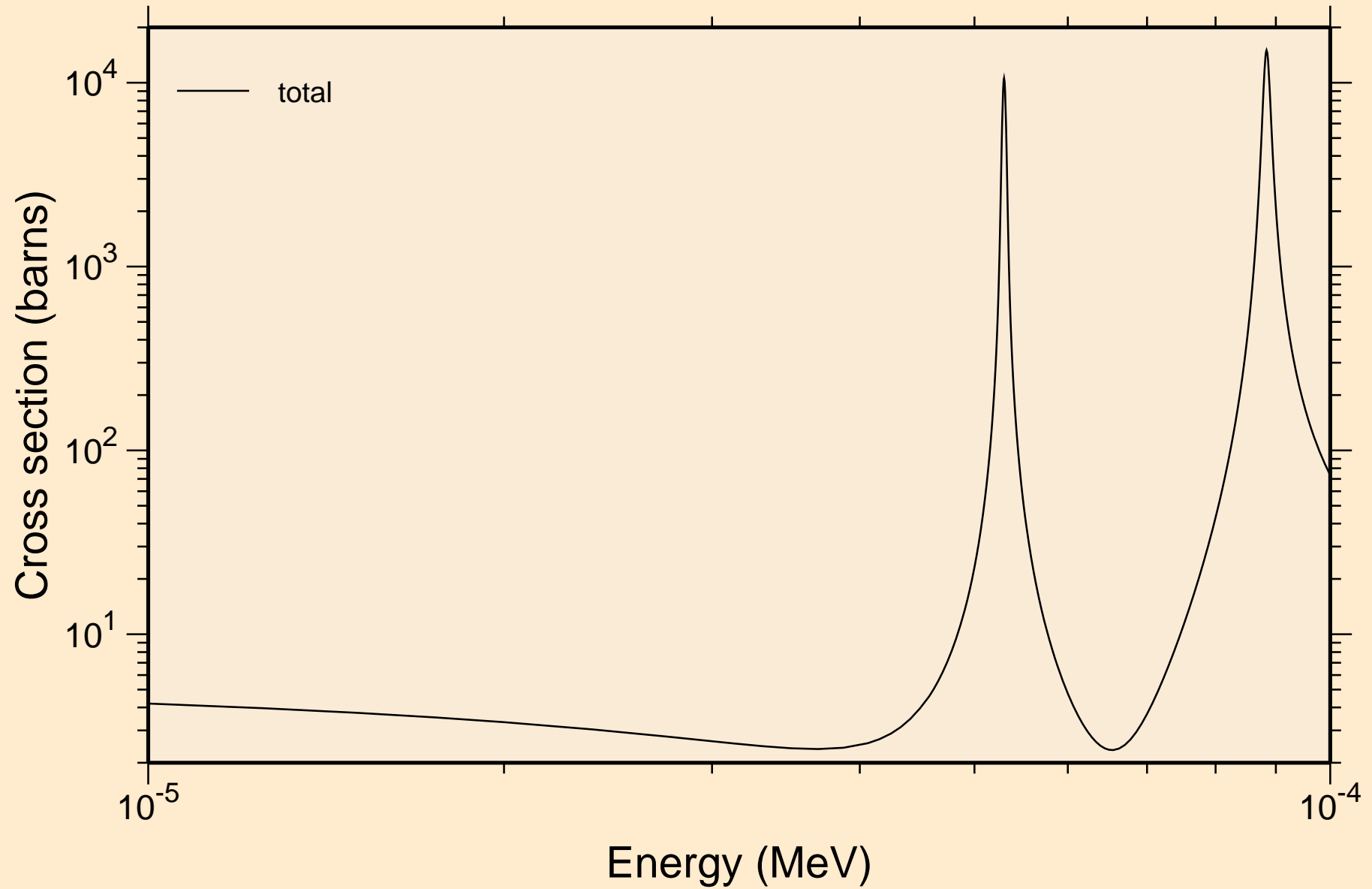


# CE151 NRG TENDL-2015, AKONING

## Principal cross sections

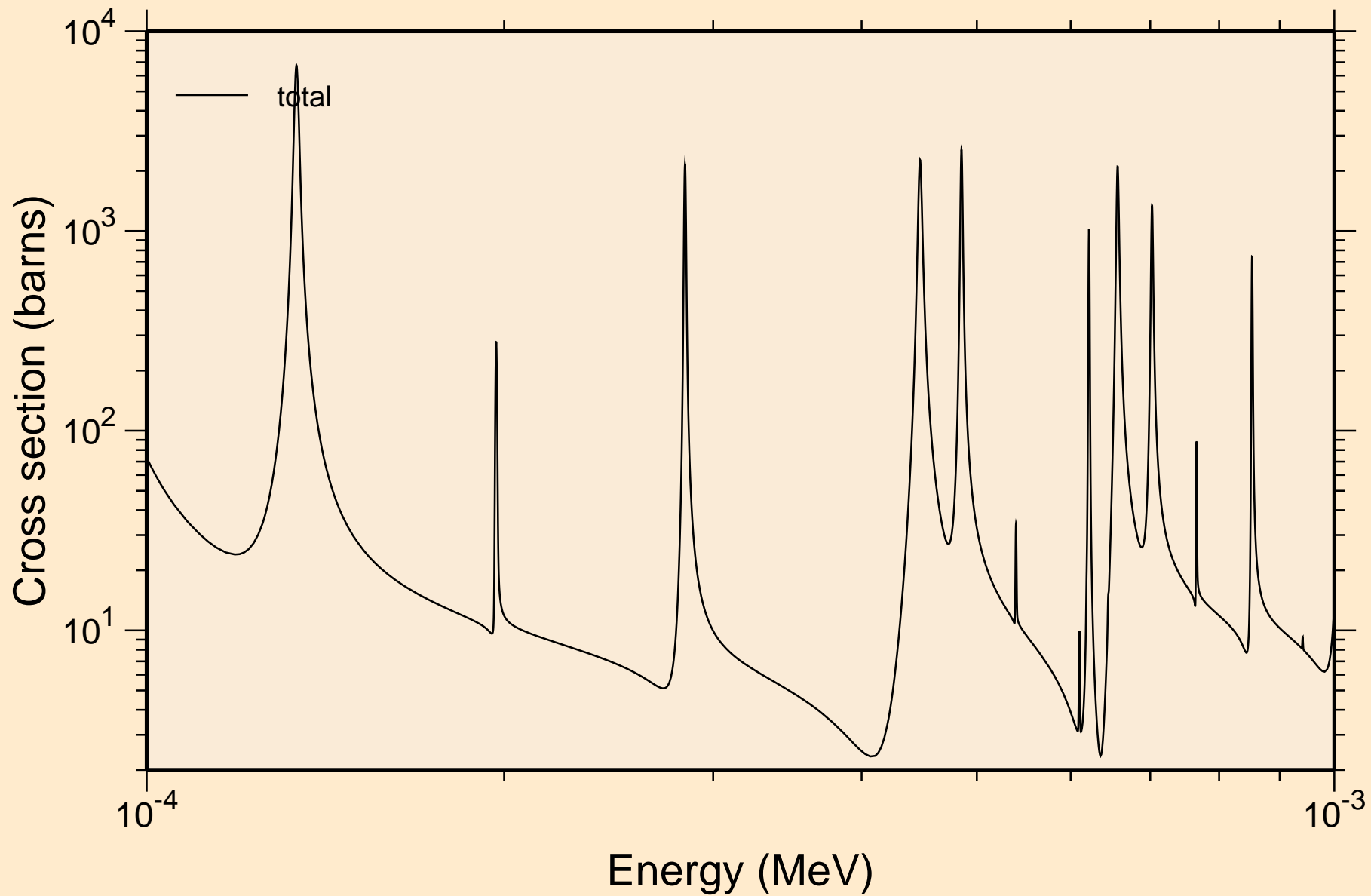


CE151 NRG TENDL-2015, AKONING  
resonance total cross section

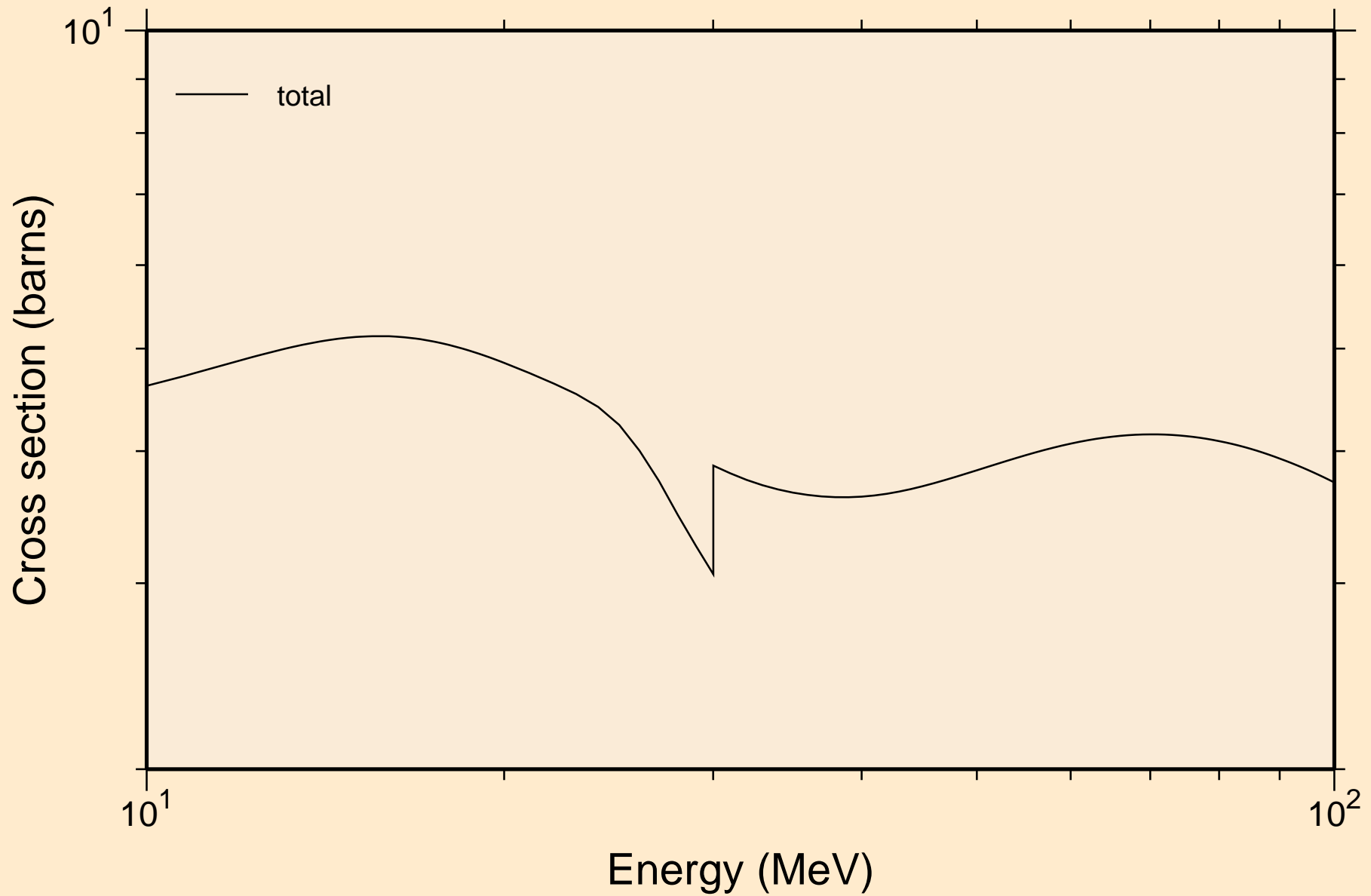


# CE151 NRG TENDL-2015, AKONING

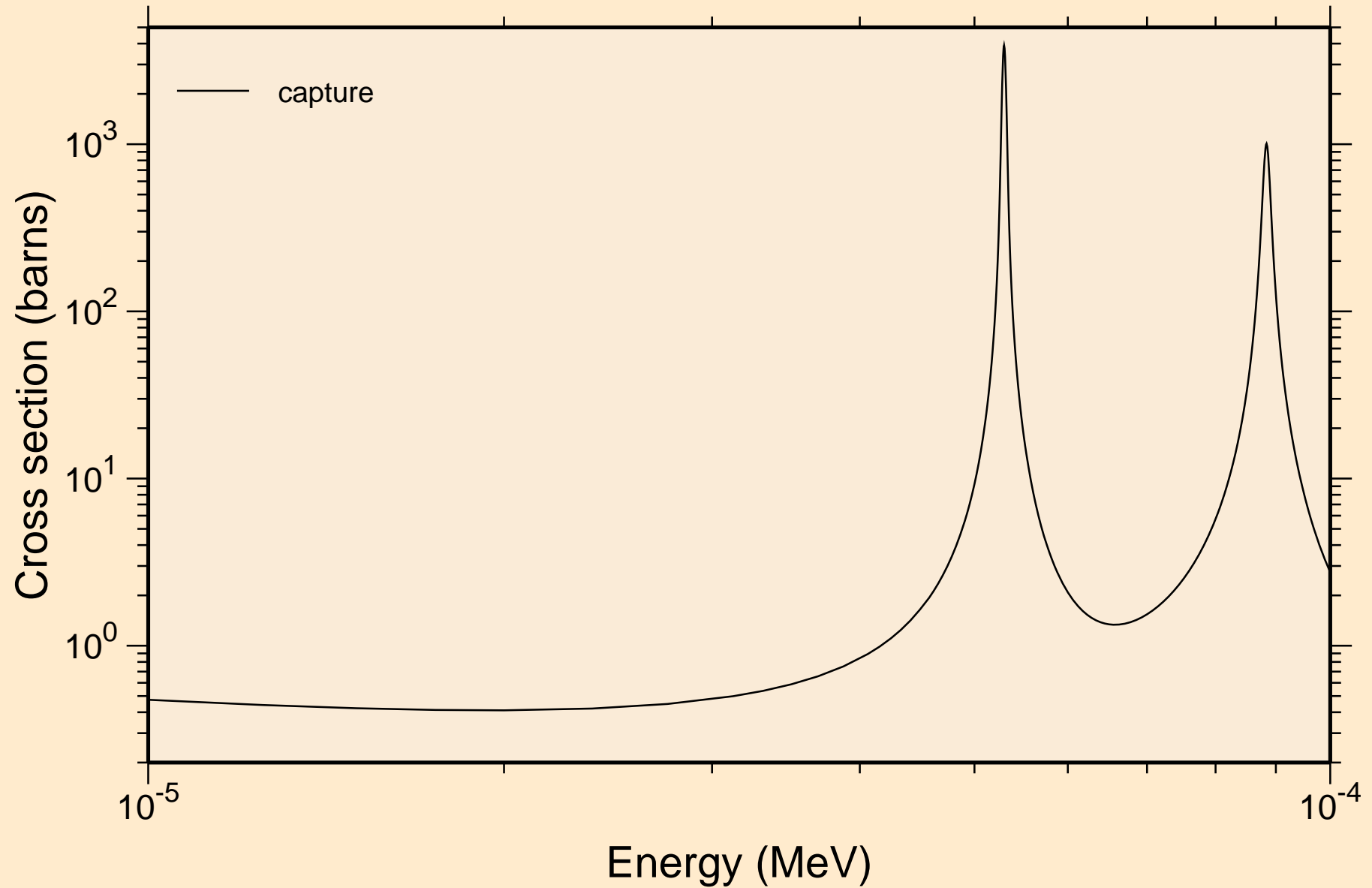
## resonance total cross section



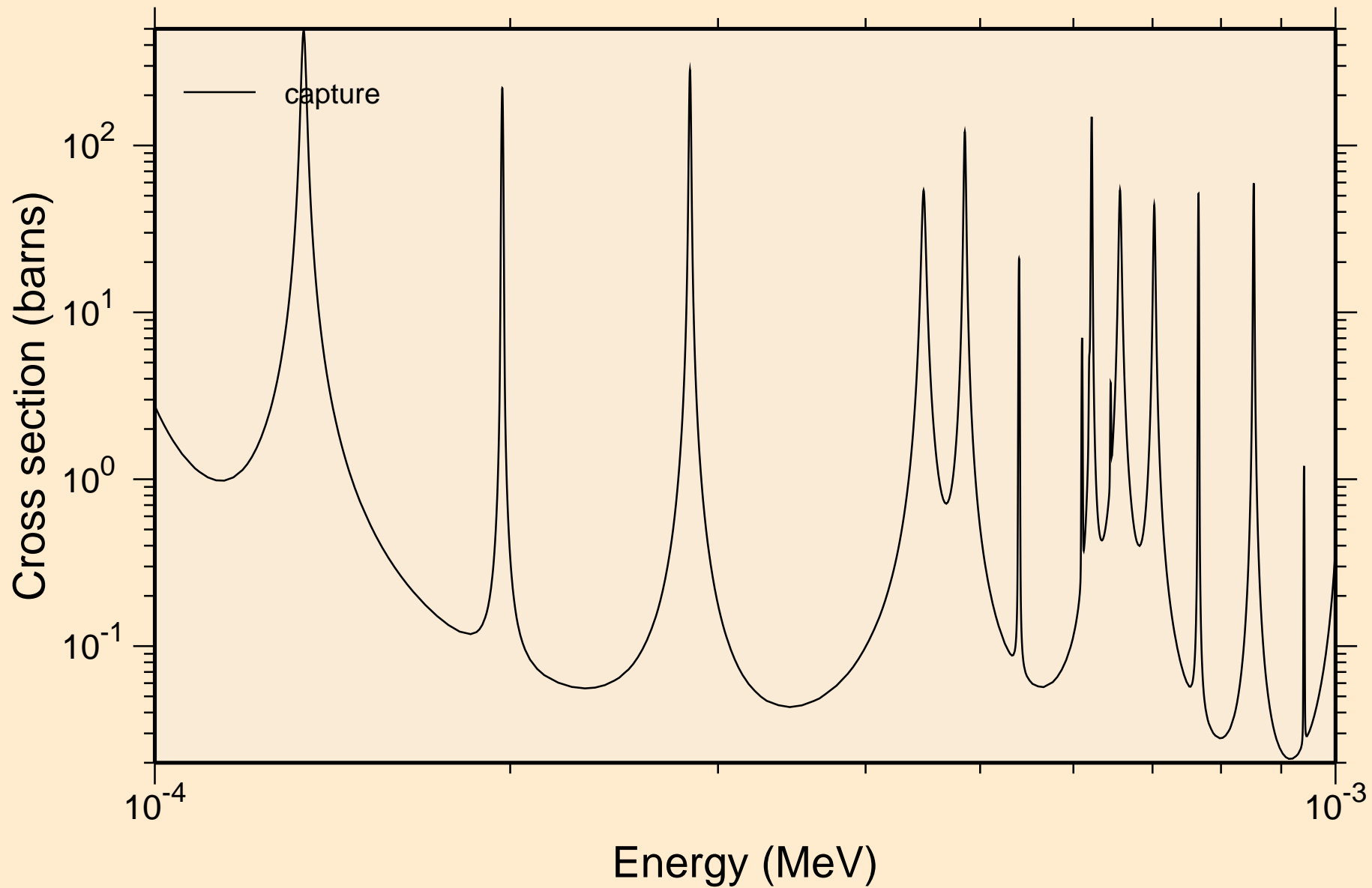
CE151 NRG TENDL-2015, AKONING  
resonance total cross section



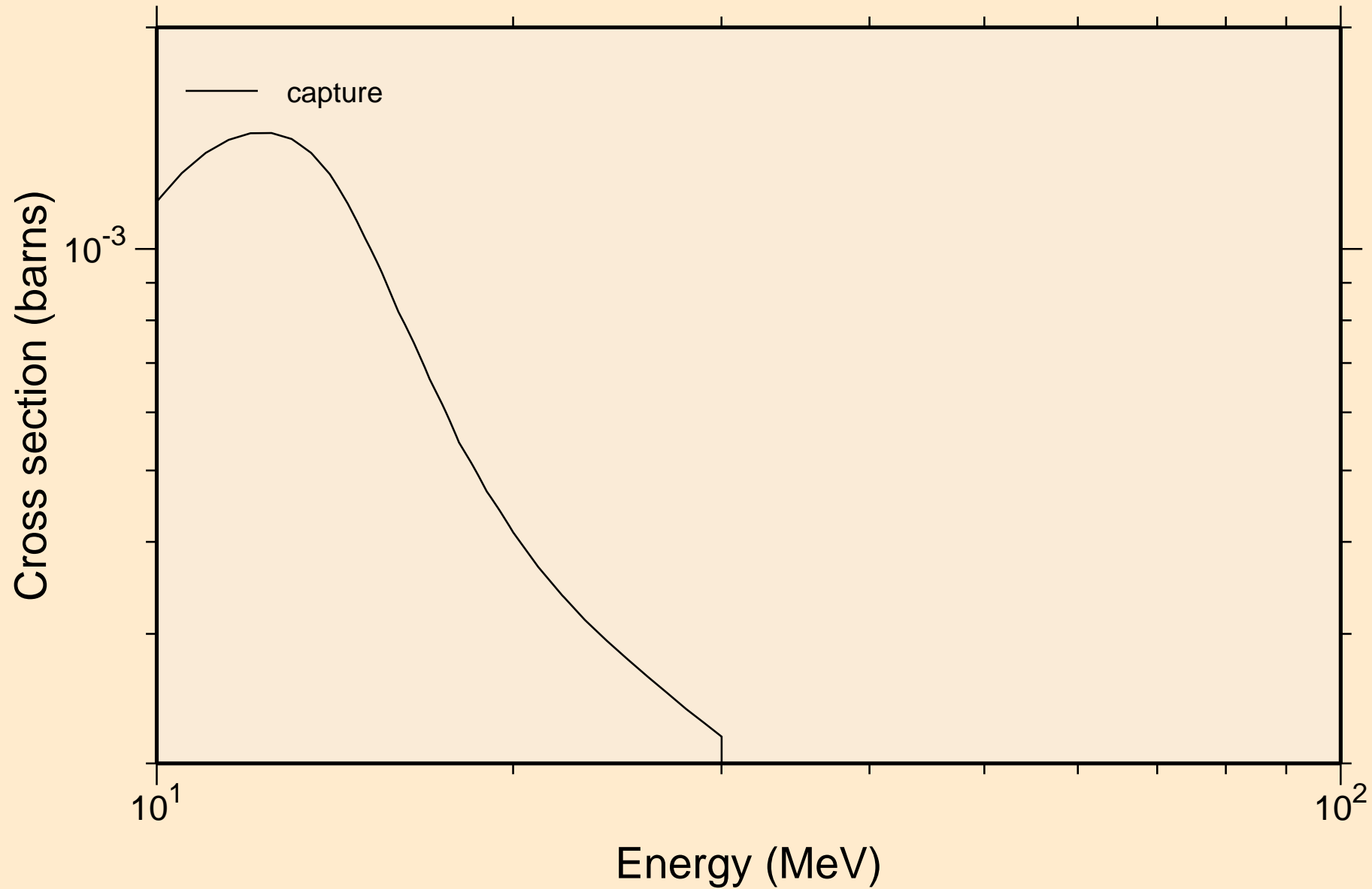
# CE151 NRG TENDL-2015, AKONING resonance absorption cross sections



CE151 NRG TENDL-2015, AKONING  
resonance absorption cross sections

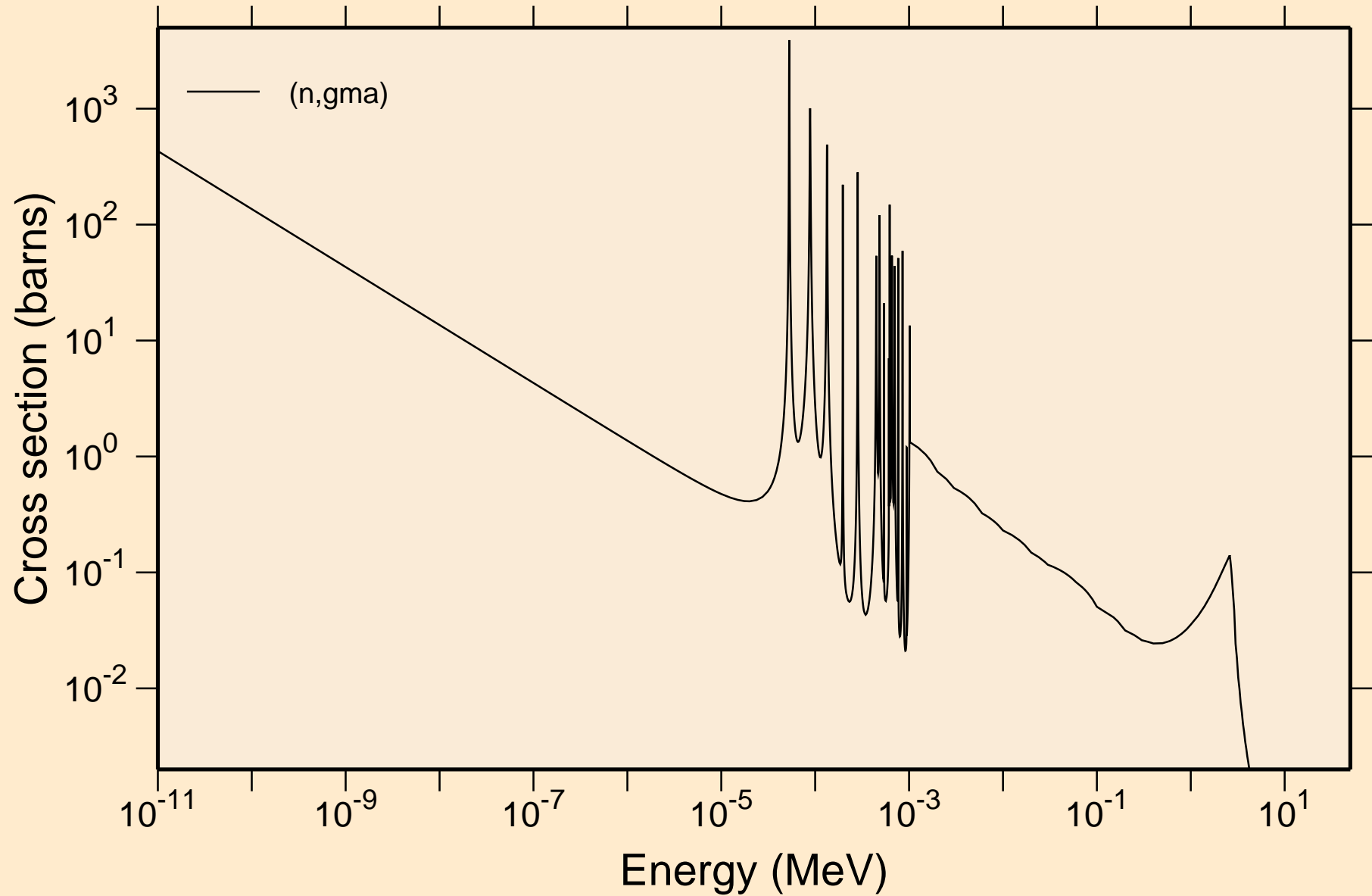


CE151 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# CE151 NRG TENDL-2015, AKONING

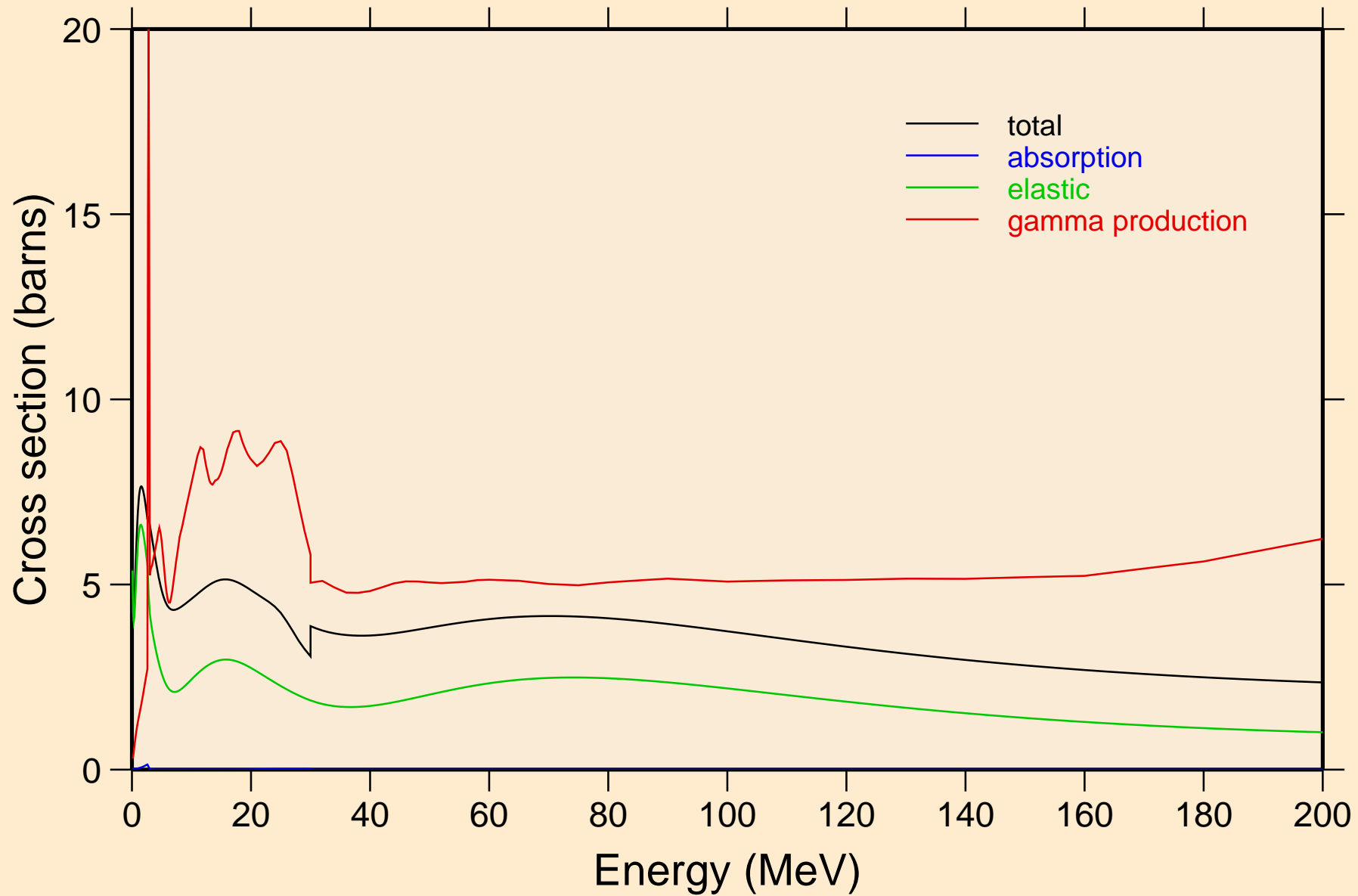
## Non-threshold reactions



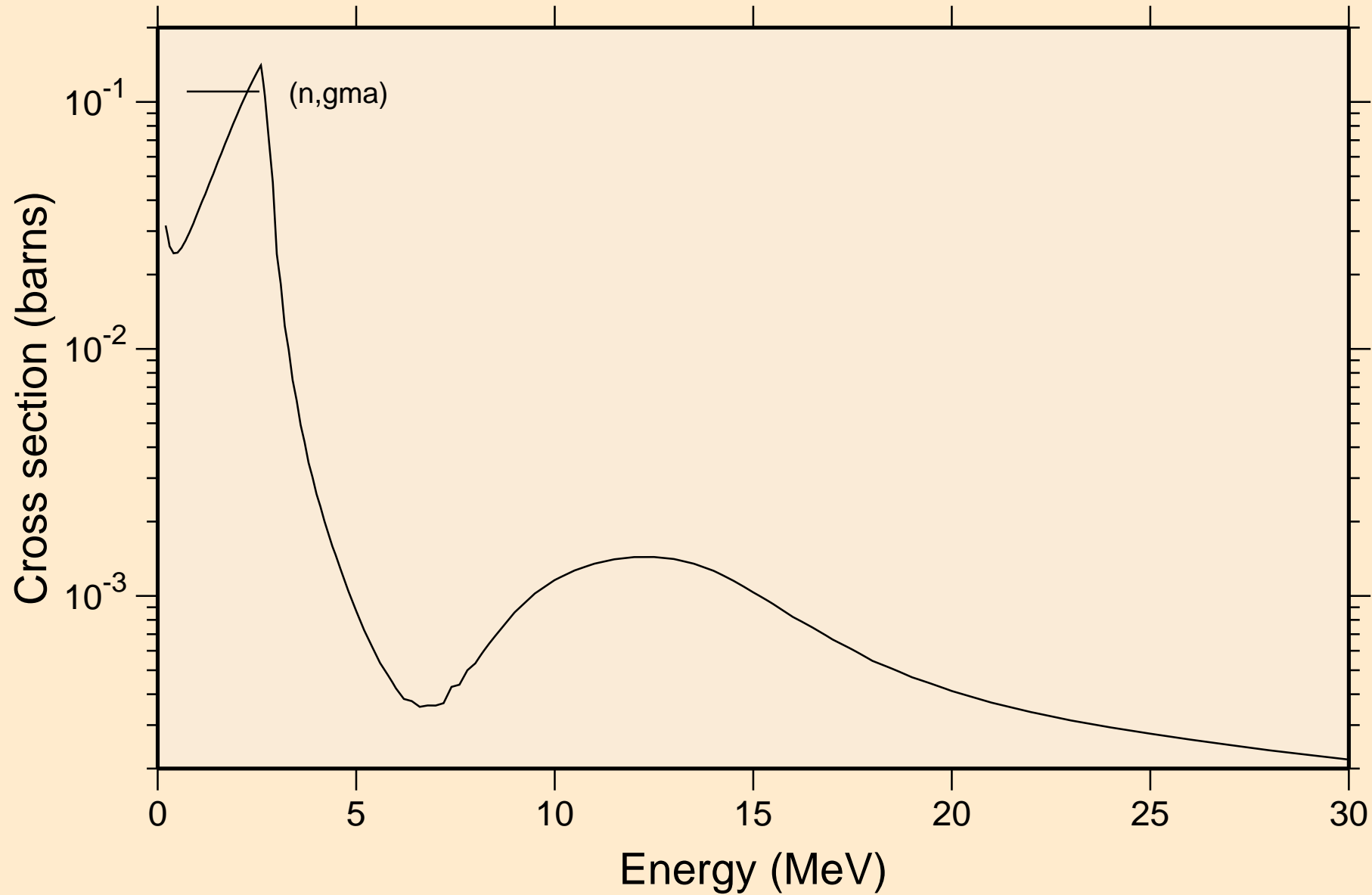


# CE151 NRG TENDL-2015, AKONING

## Principal cross sections

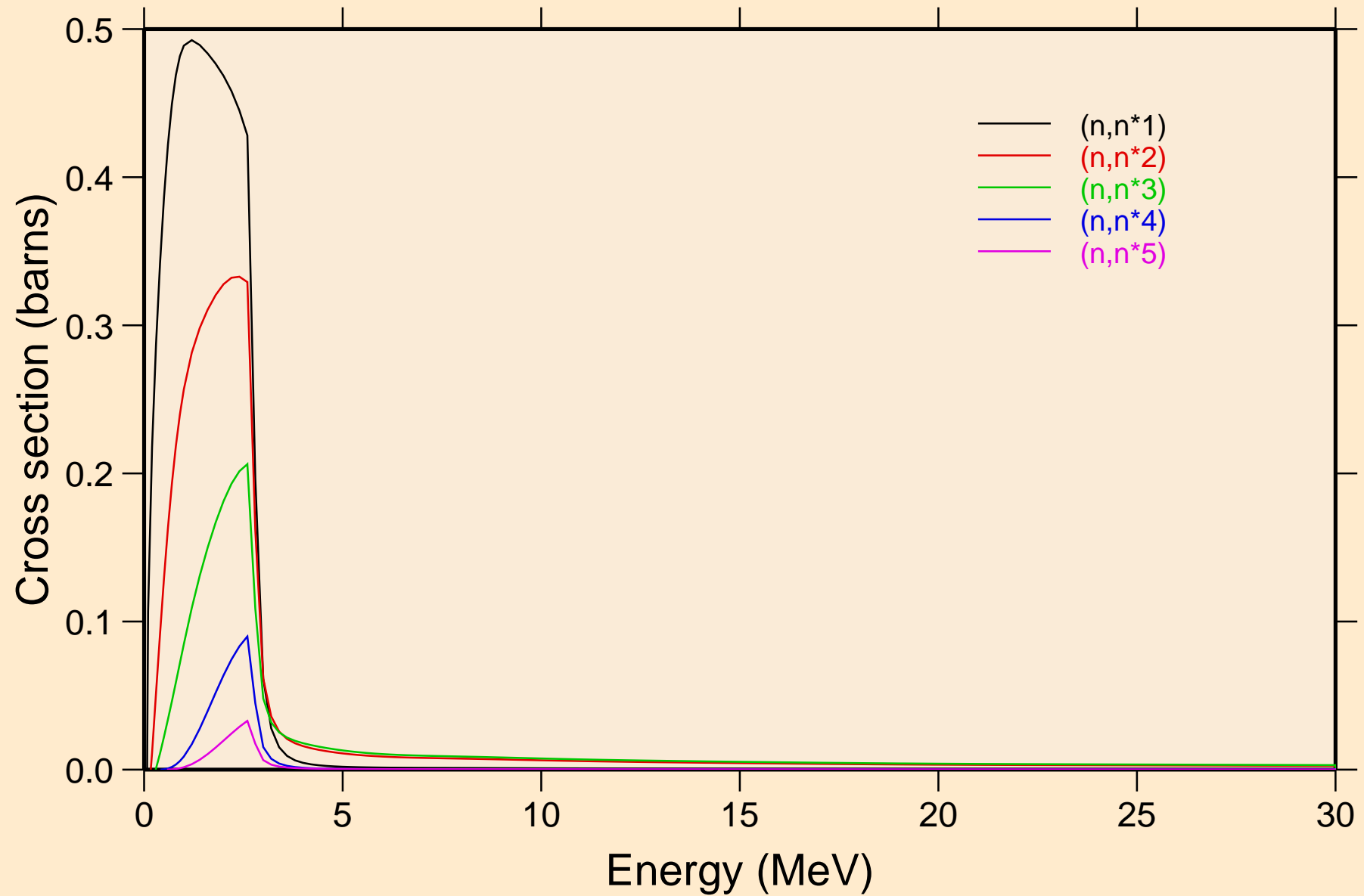


CE151 NRG TENDL-2015, AKONING  
Non-threshold reactions



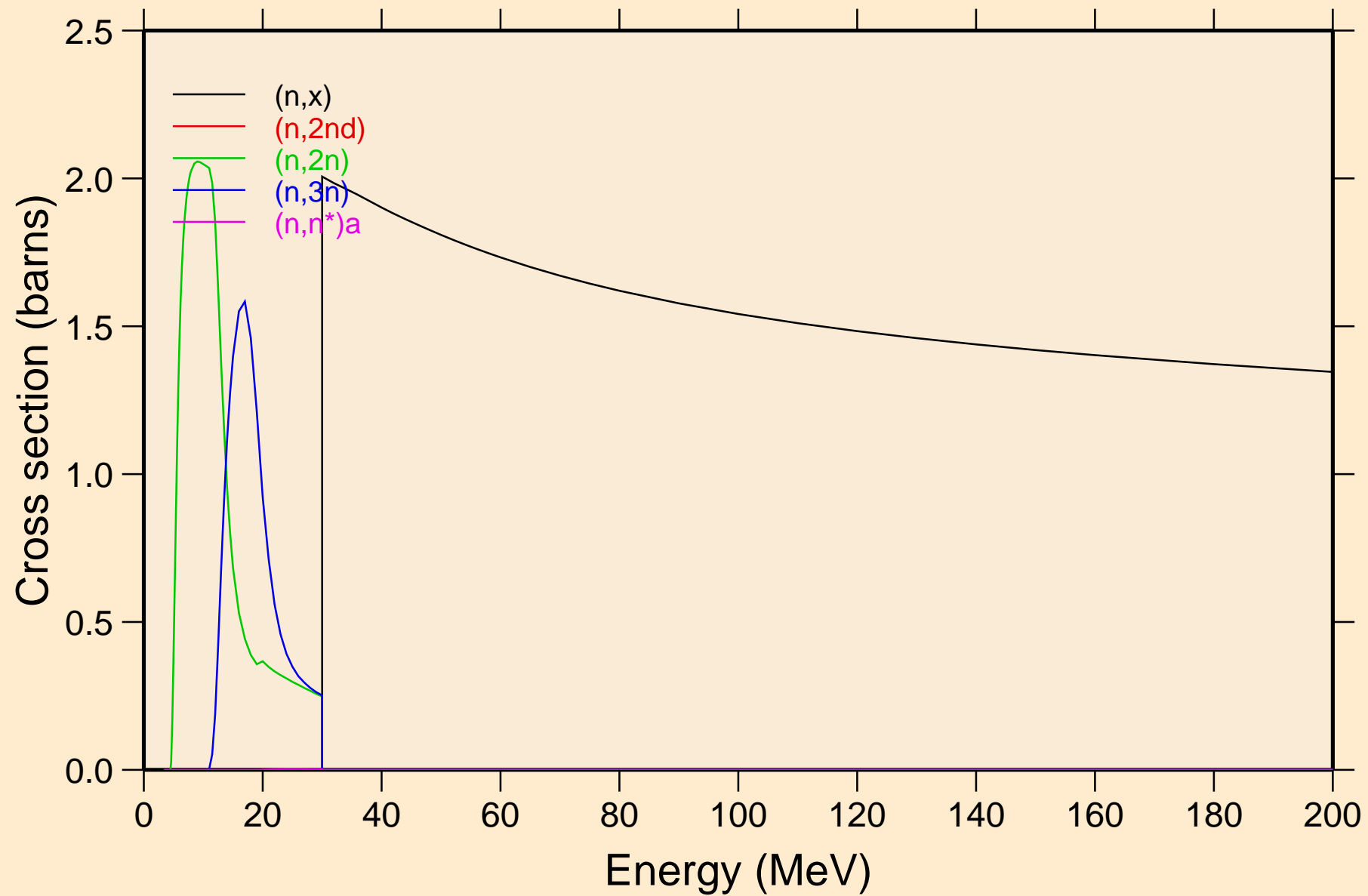
# CE151 NRG TENDL-2015, AKONING

## Inelastic levels



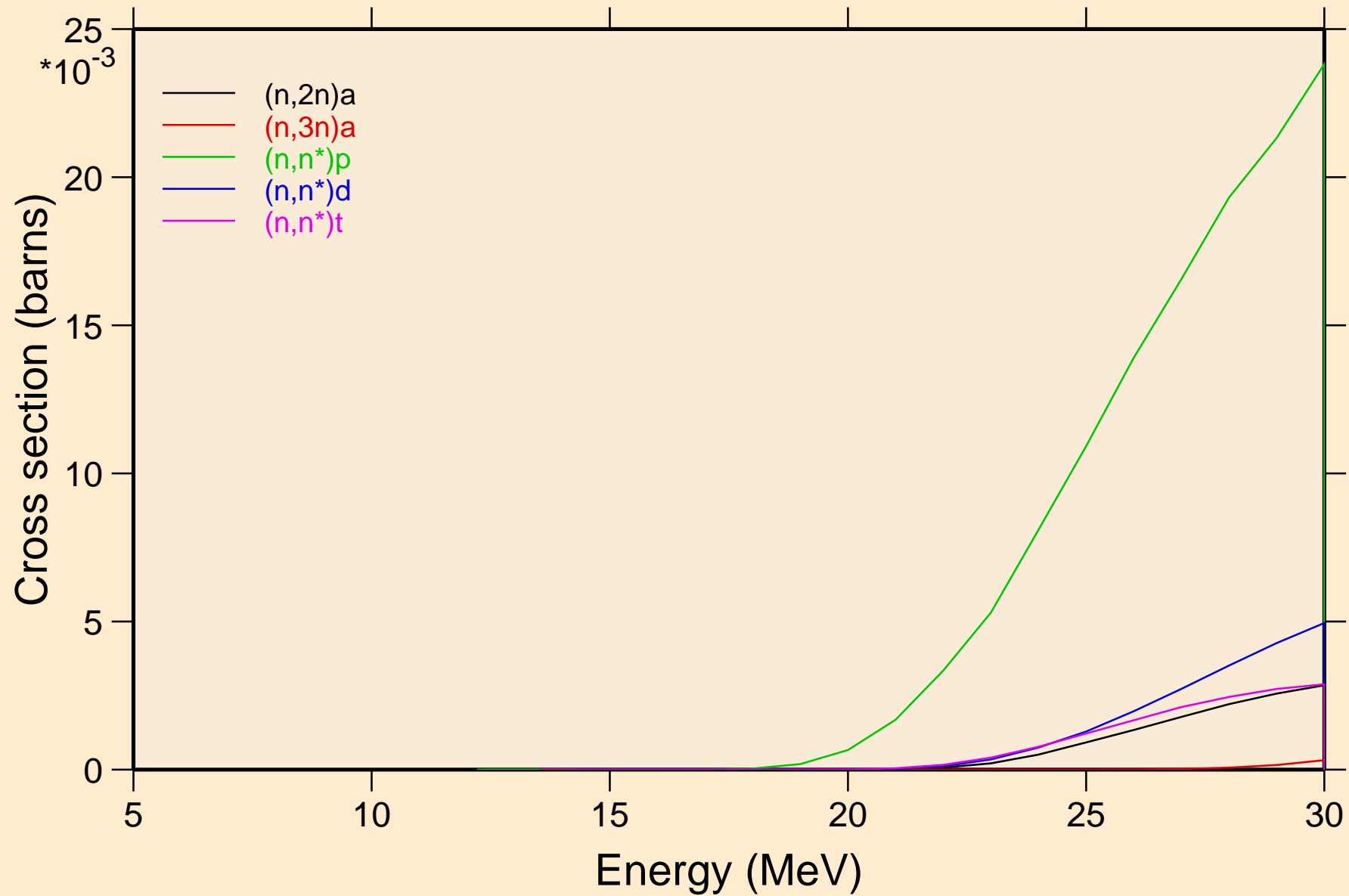
# CE151 NRG TENDL-2015, AKONING

## Threshold reactions



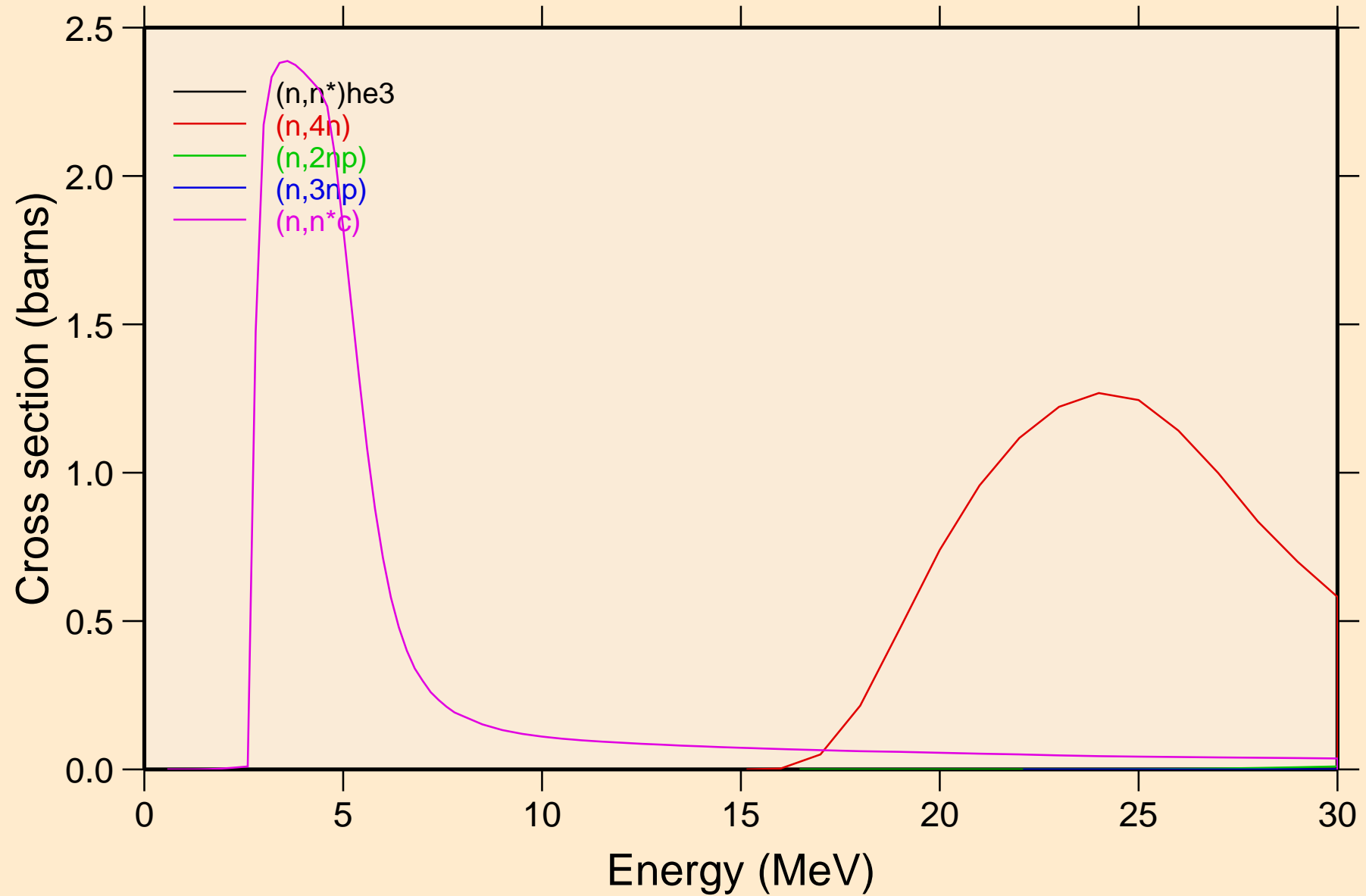
# CE151 NRG TENDL-2015, AKONING

## Threshold reactions



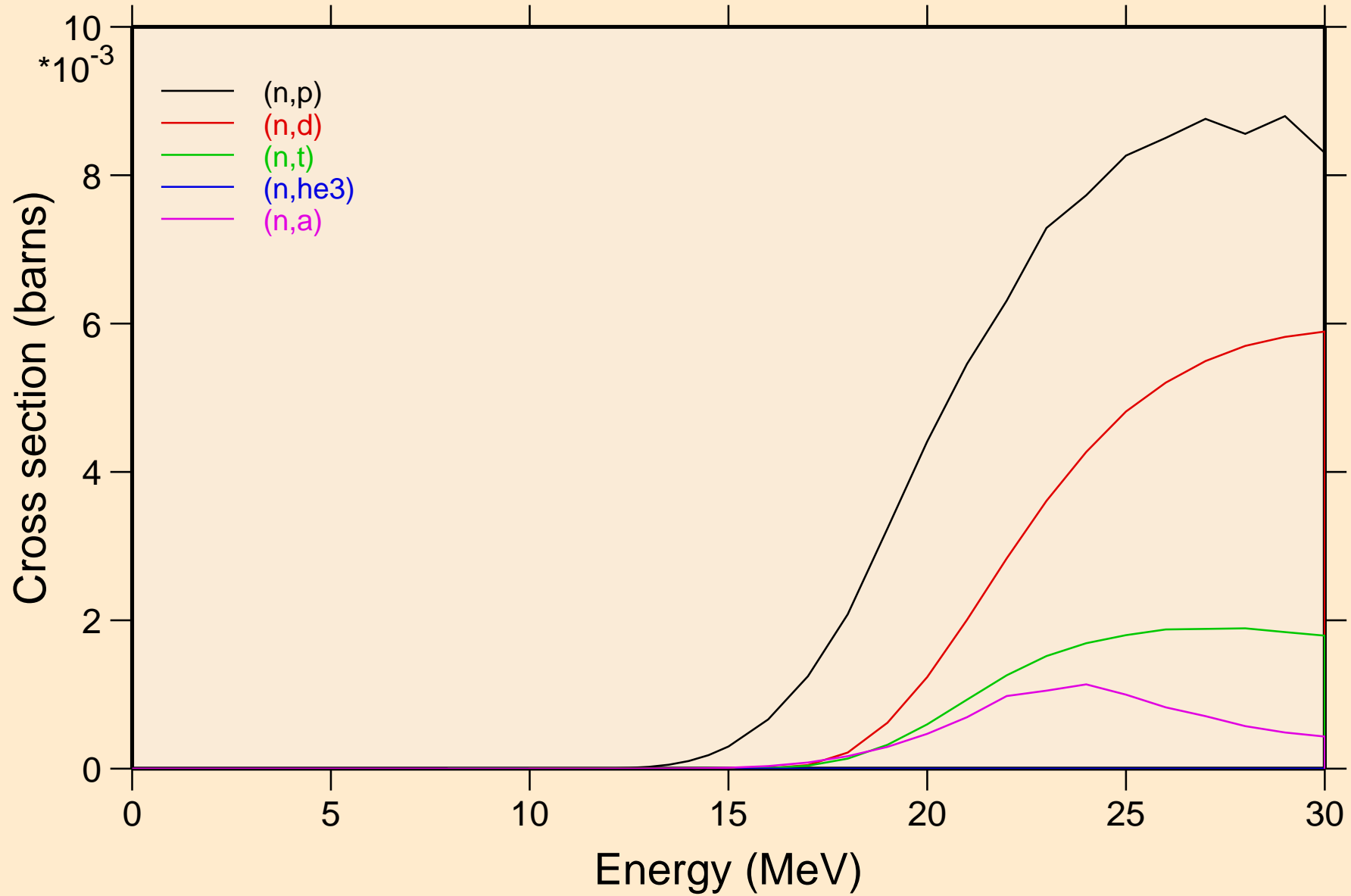
# CE151 NRG TENDL-2015, AKONING

## Threshold reactions

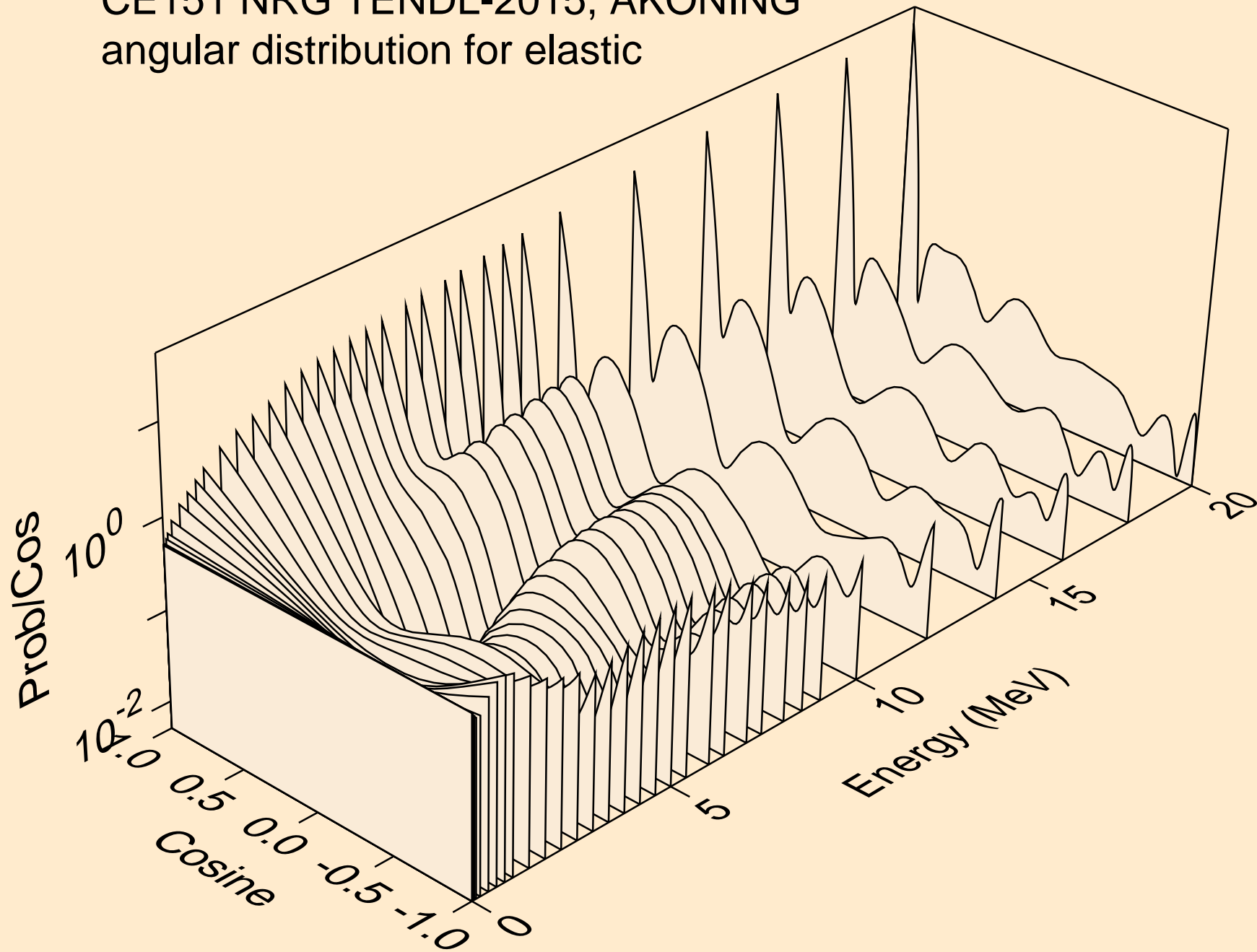


# CE151 NRG TENDL-2015, AKONING

## Threshold reactions

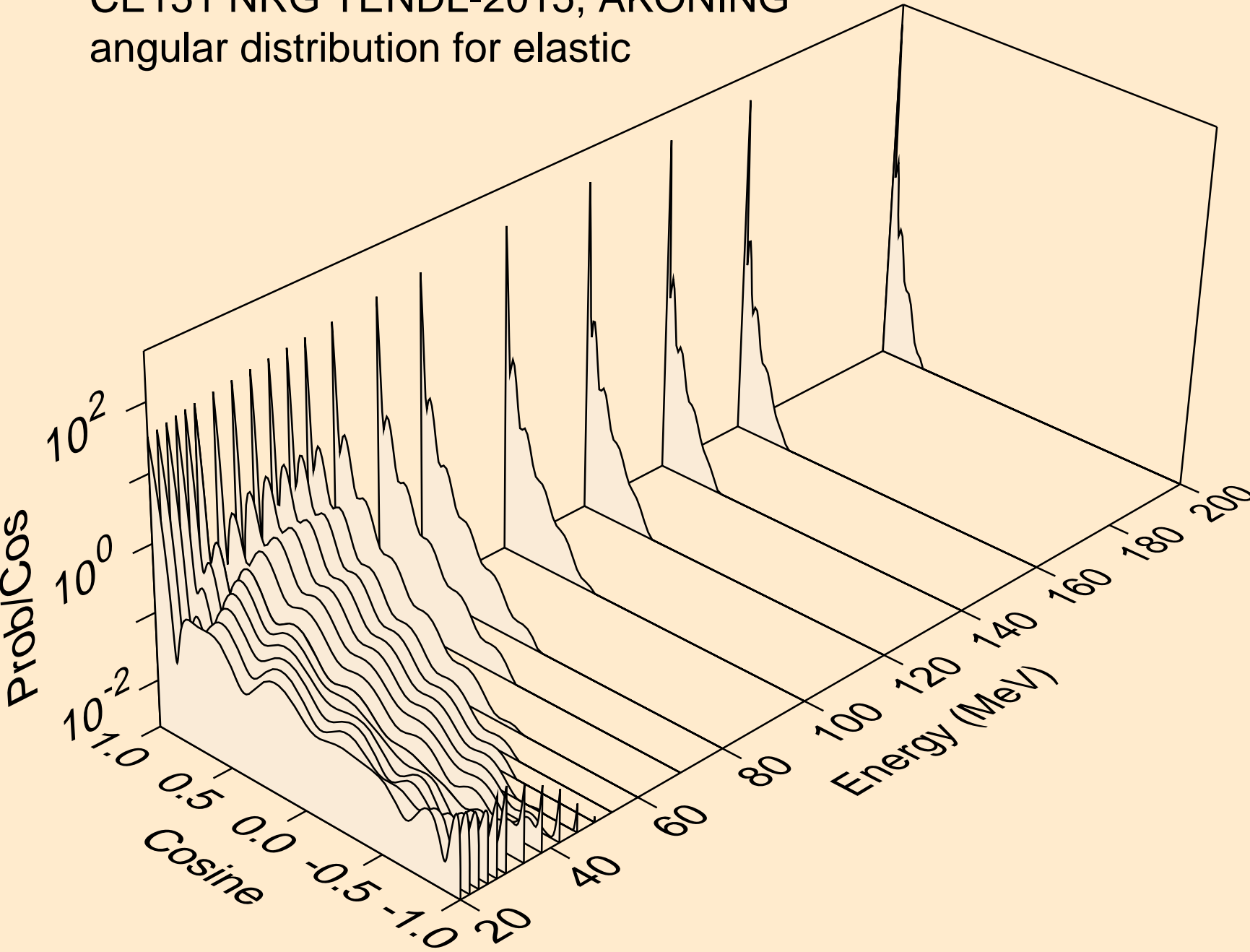


CE151 NRG TENDL-2015, AKONING  
angular distribution for elastic

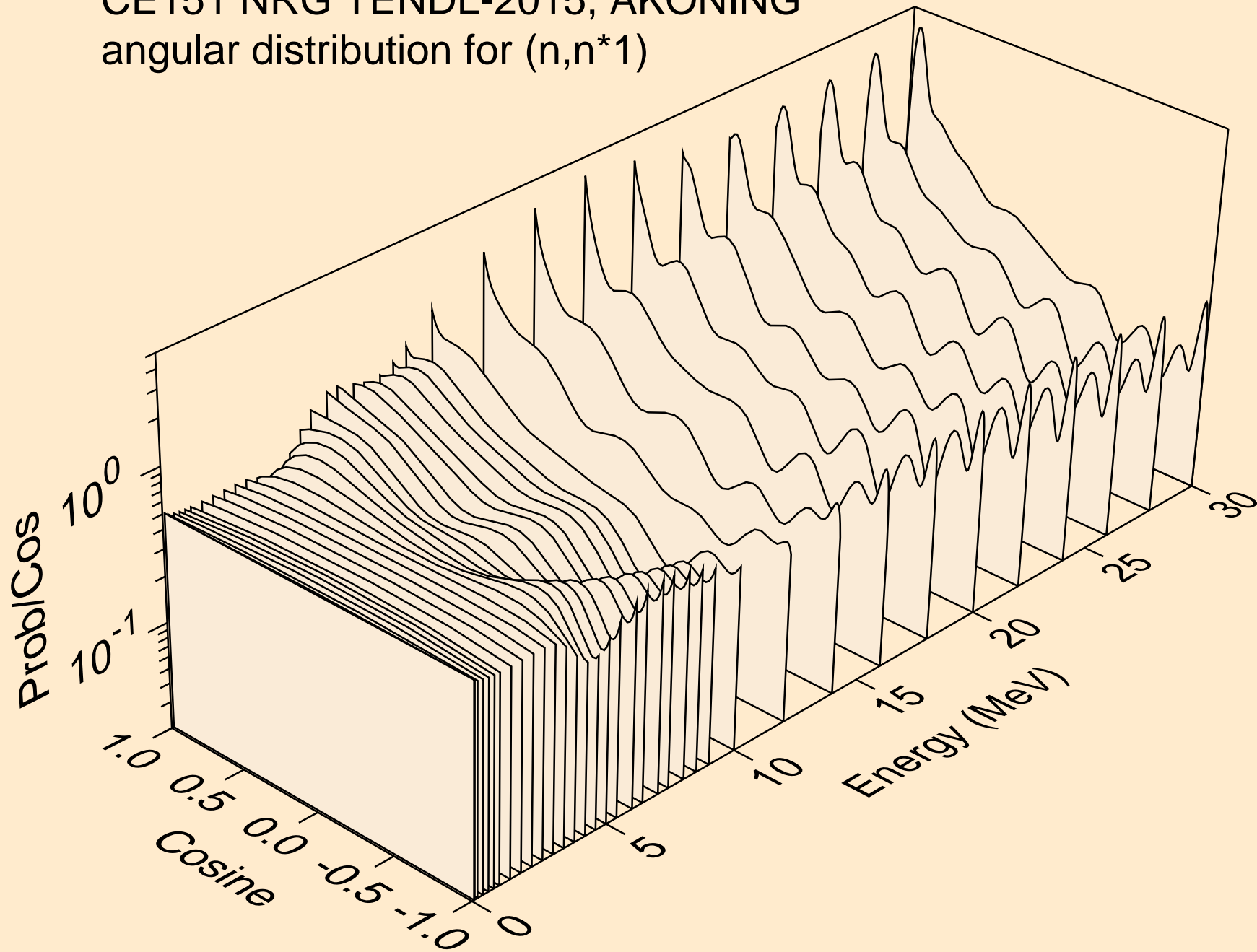




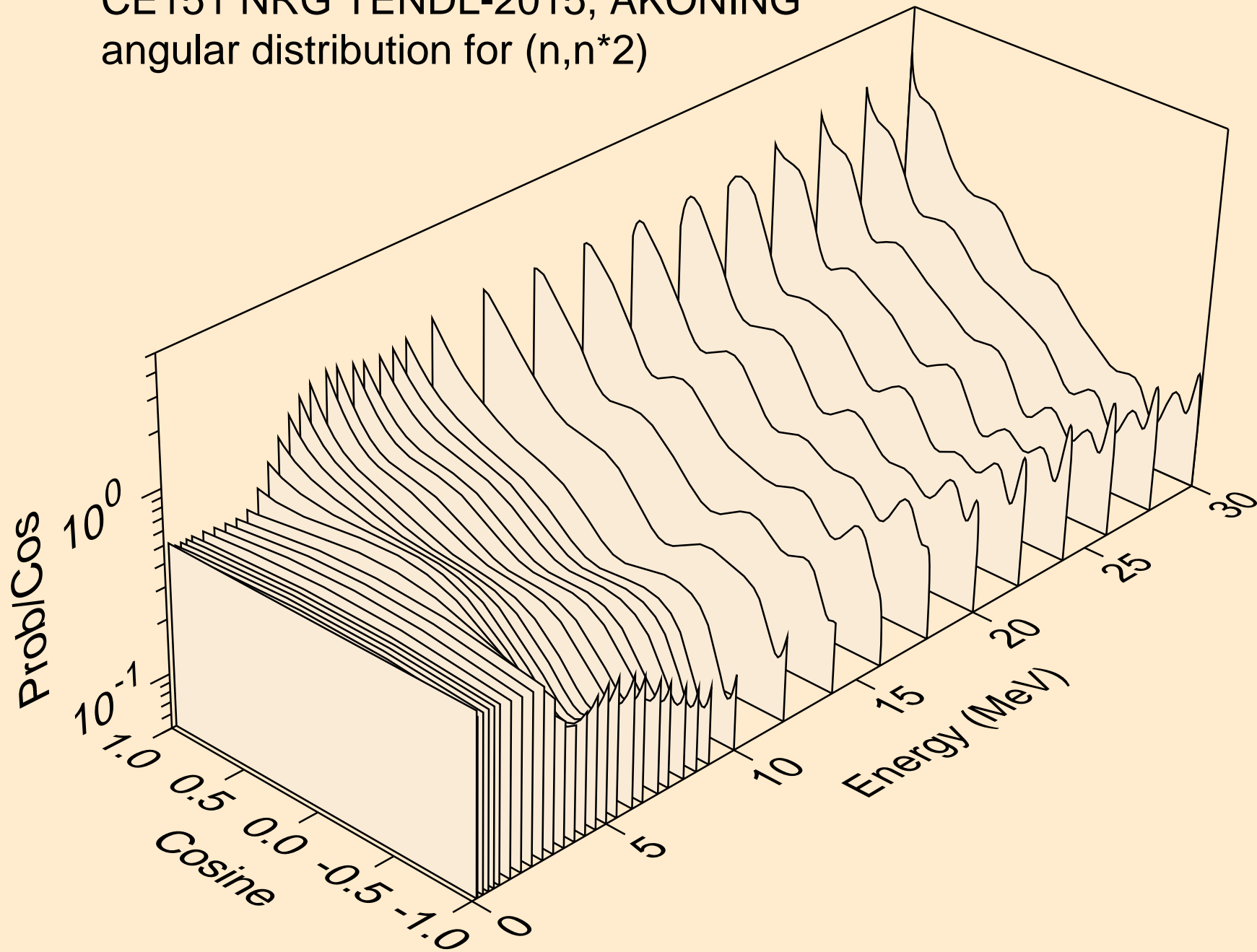
CE151 NRG TENDL-2015, AKONING  
angular distribution for elastic



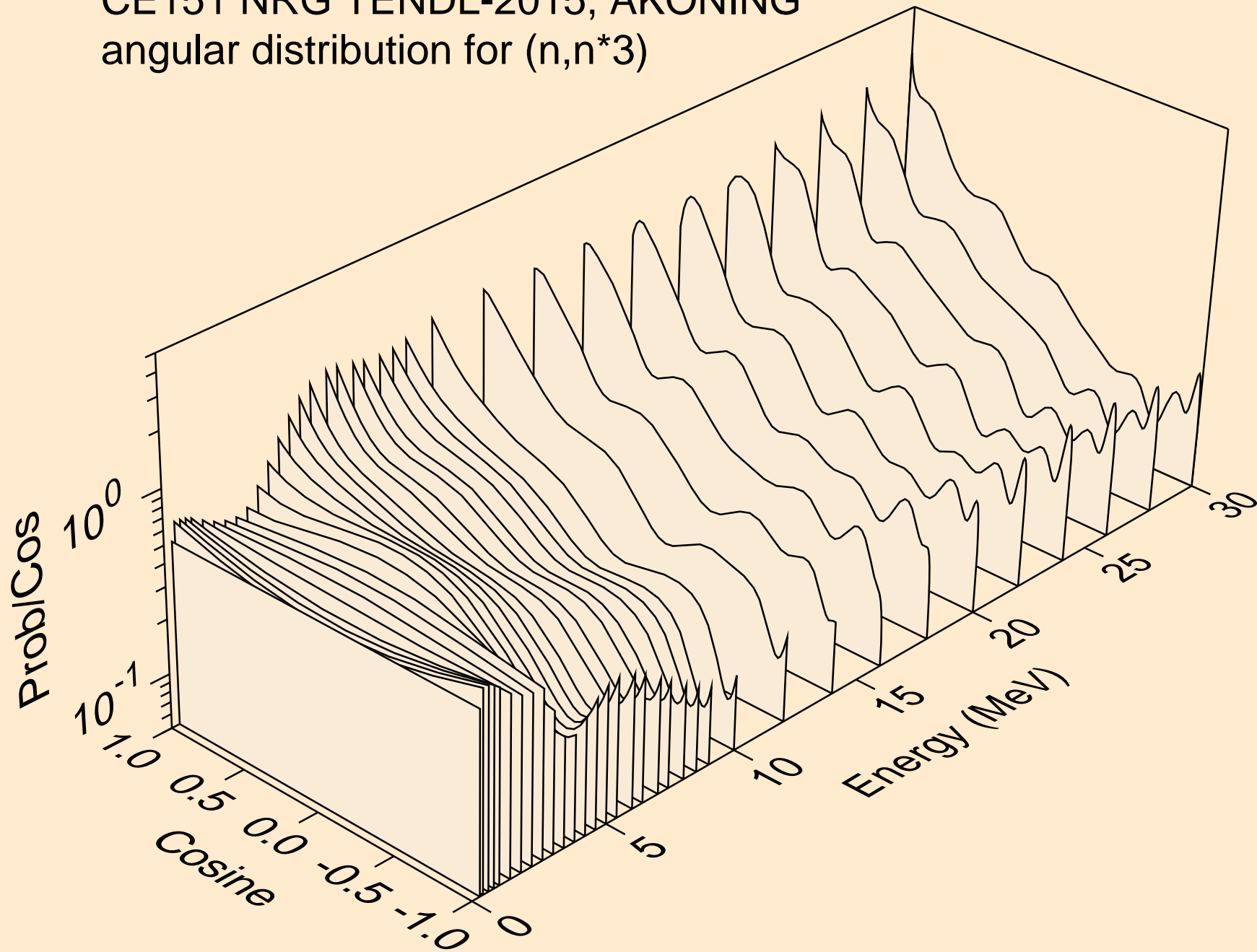
CE151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



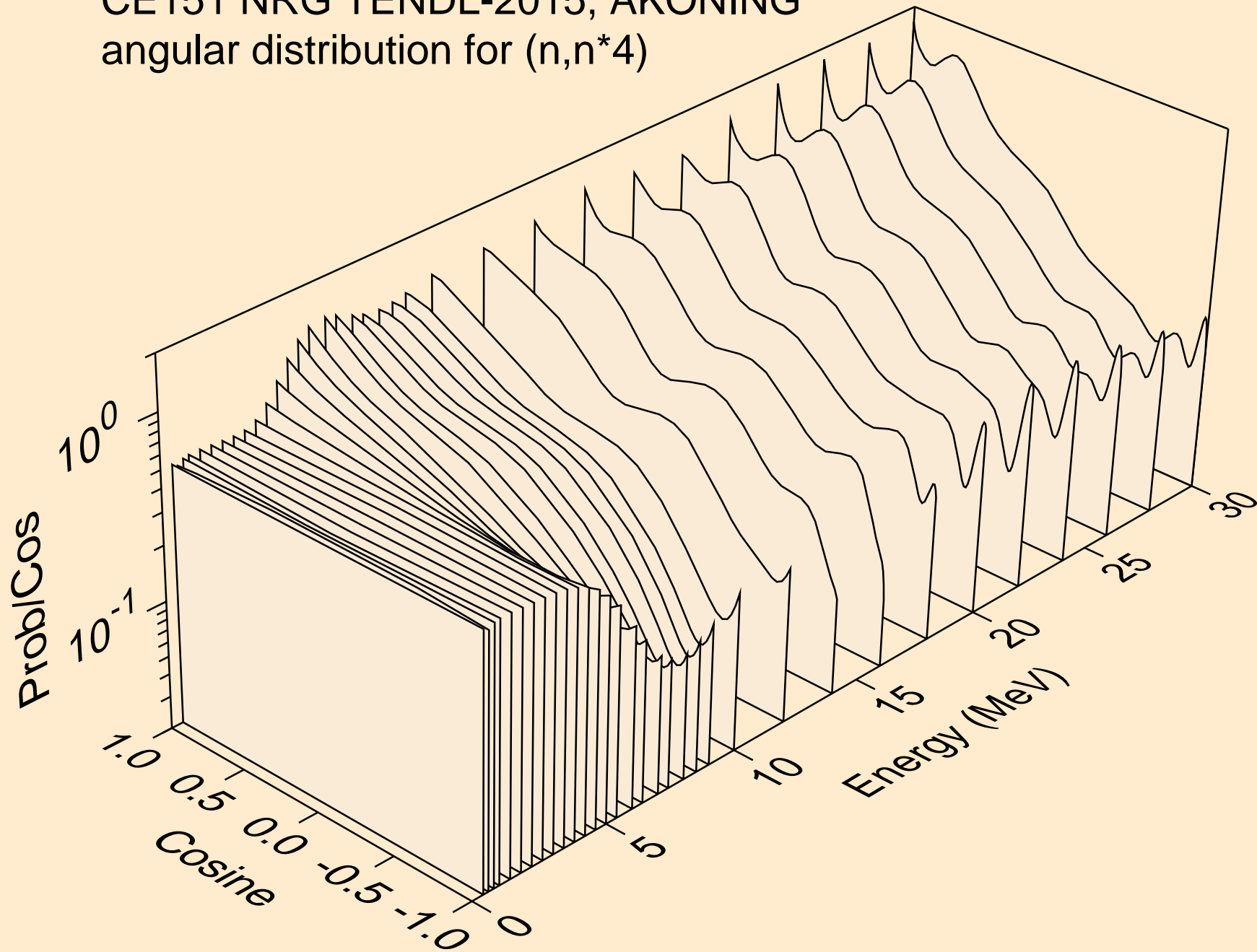
CE151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



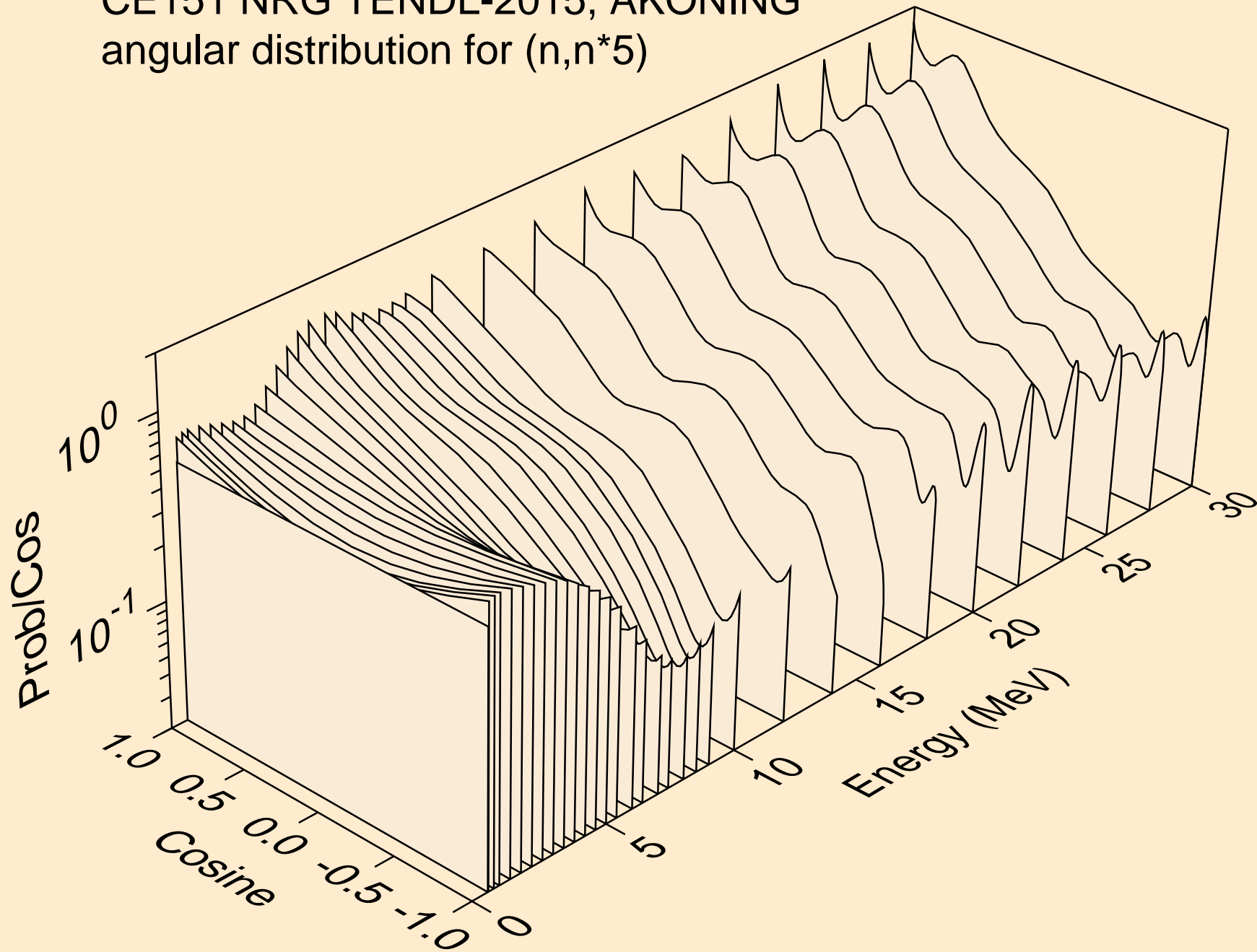
CE151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



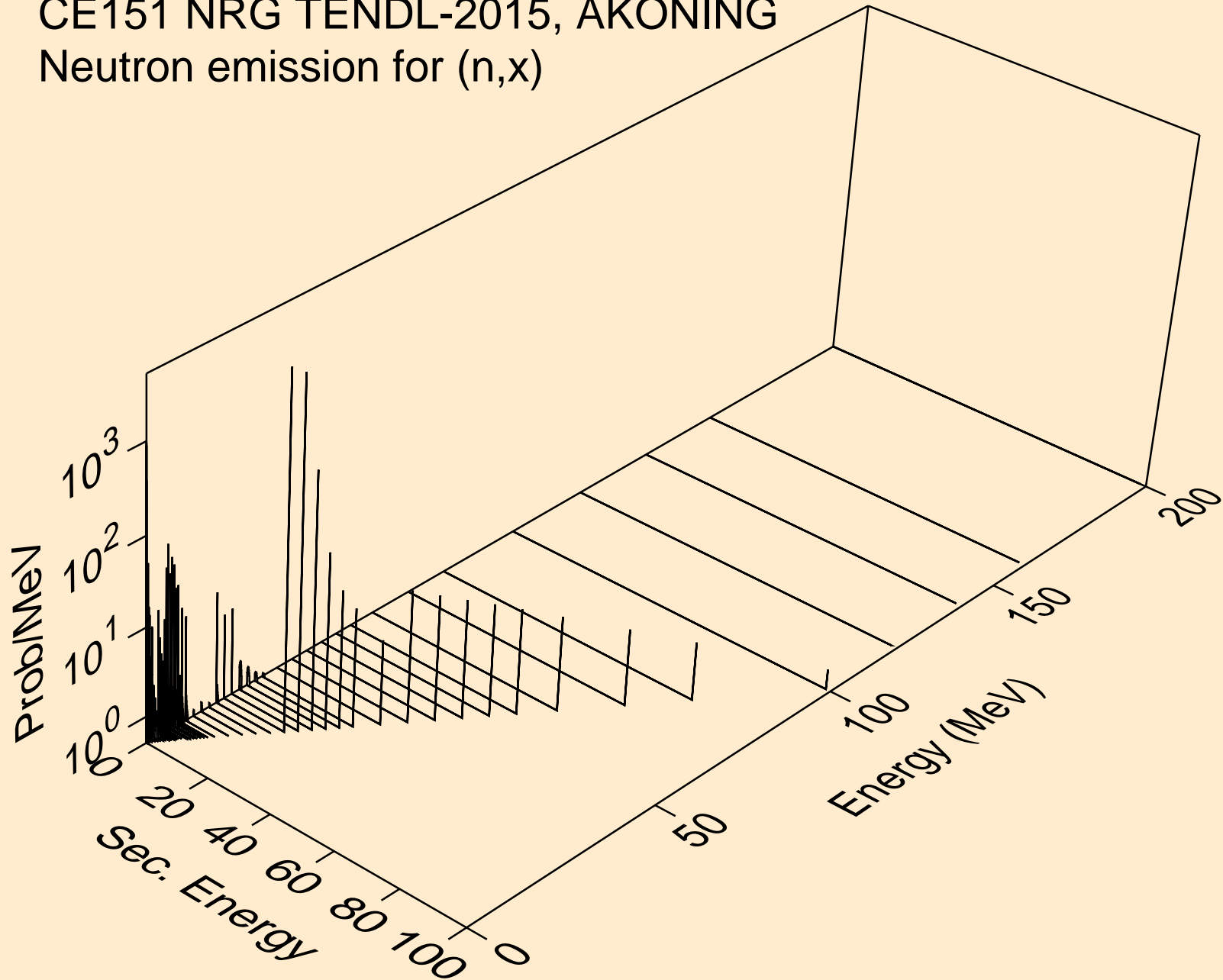
CE151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



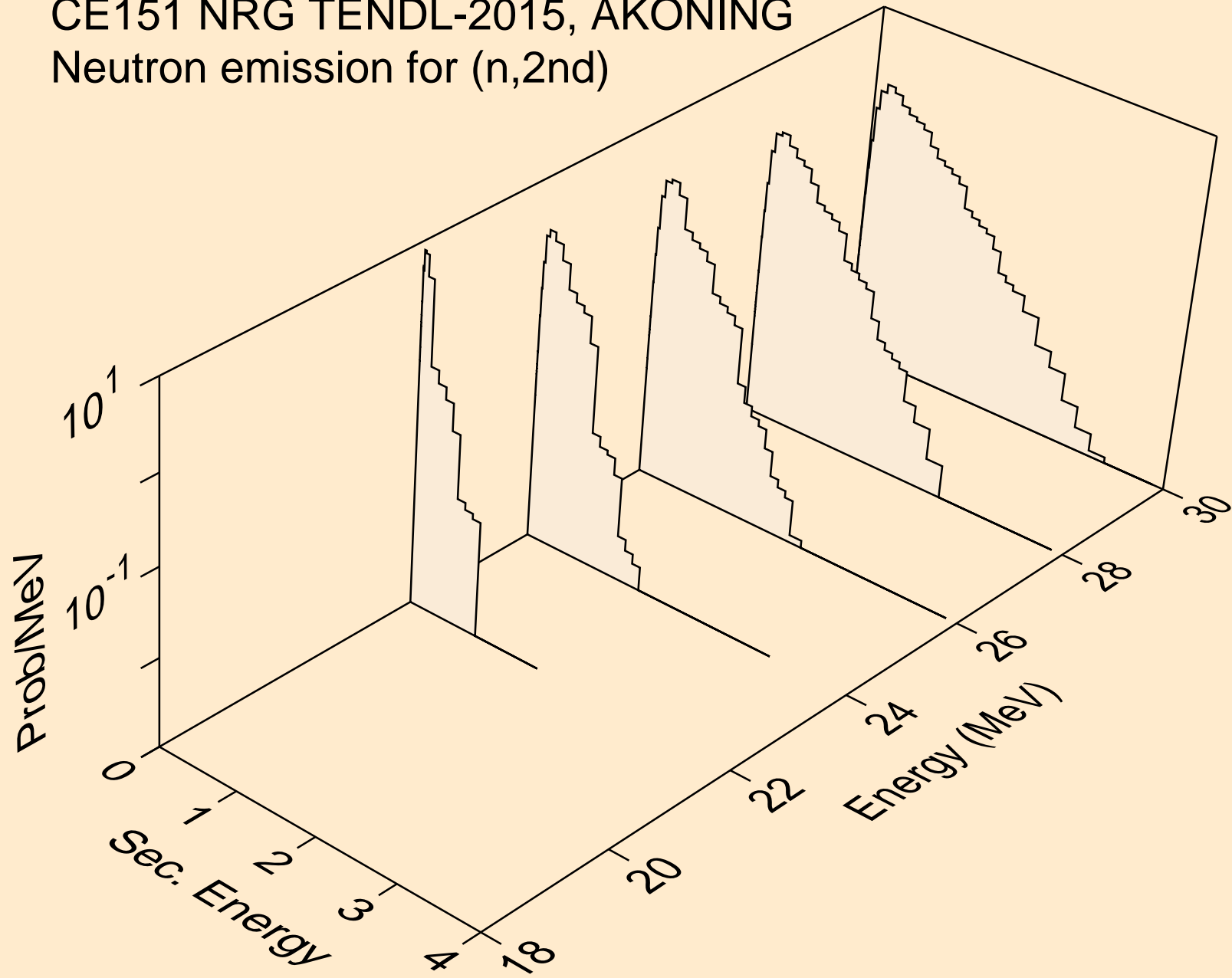
CE151 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

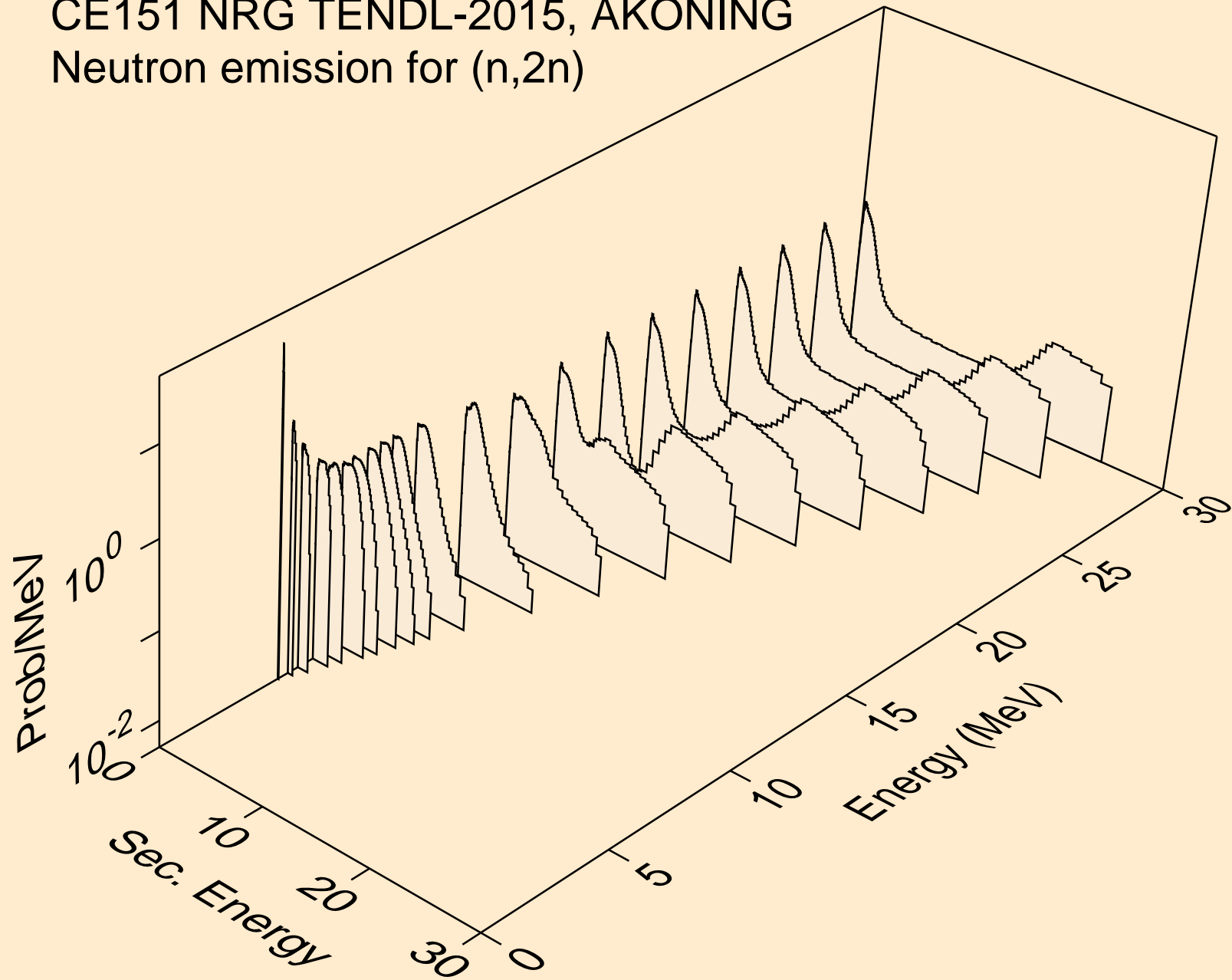


CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

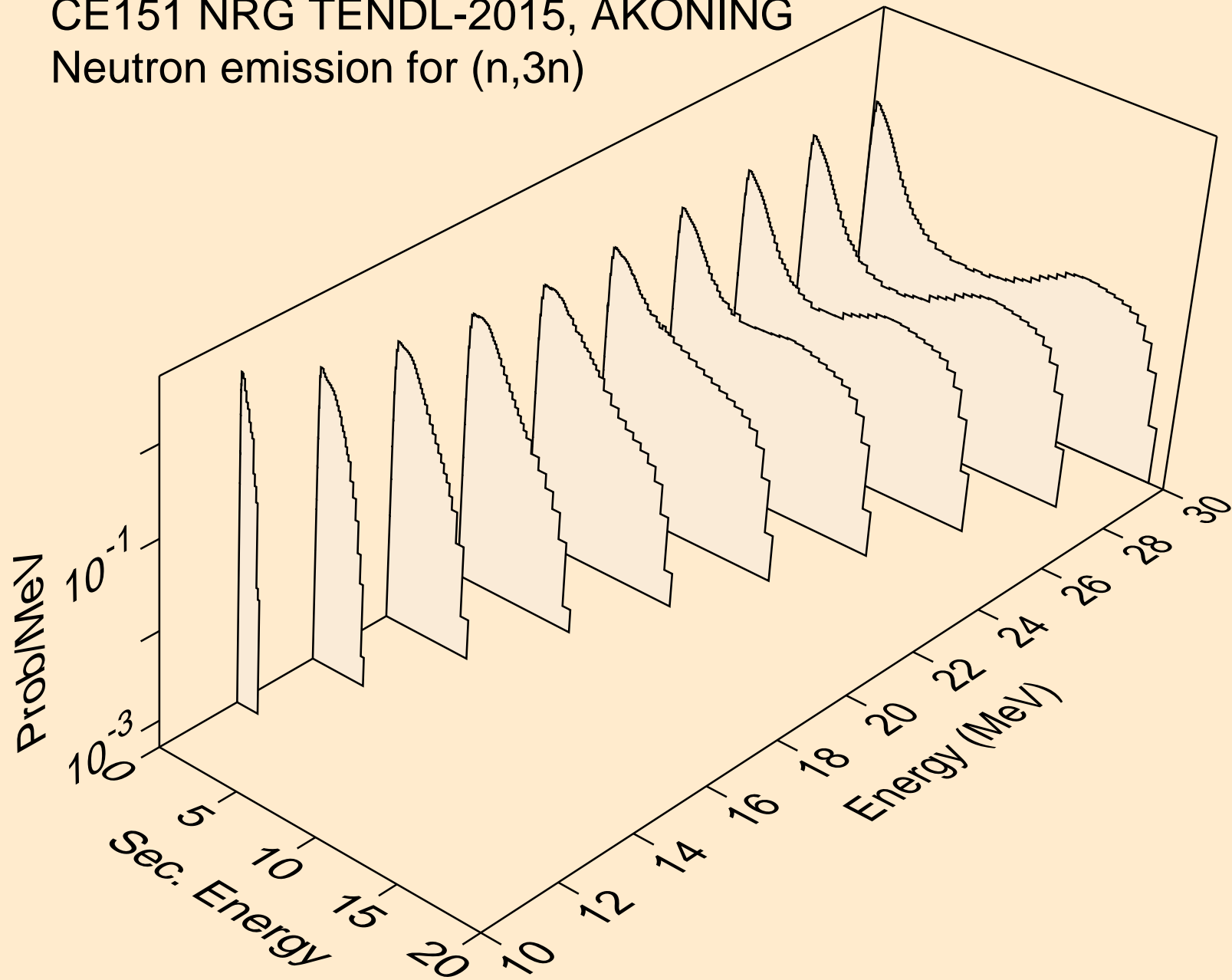




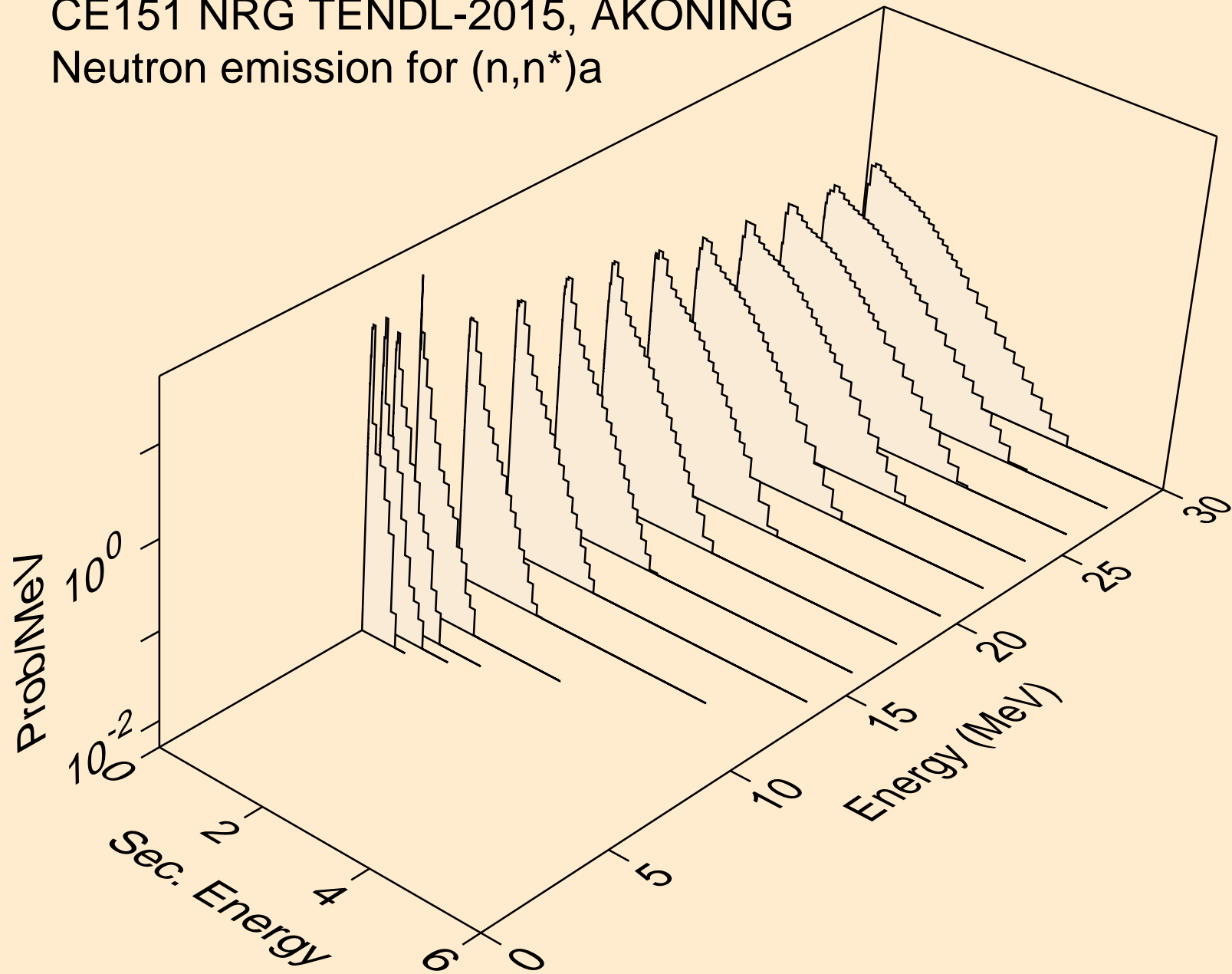
CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



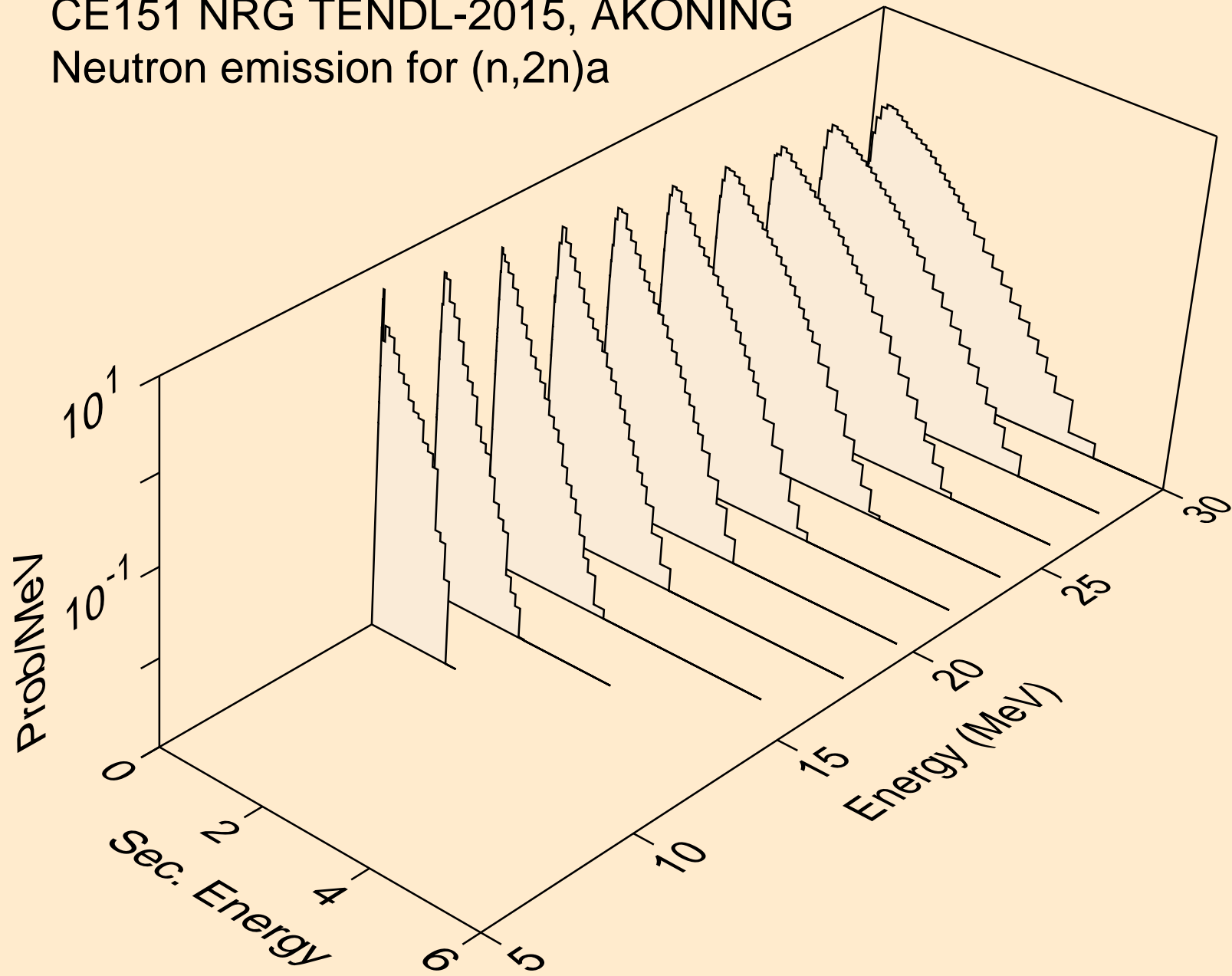
CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



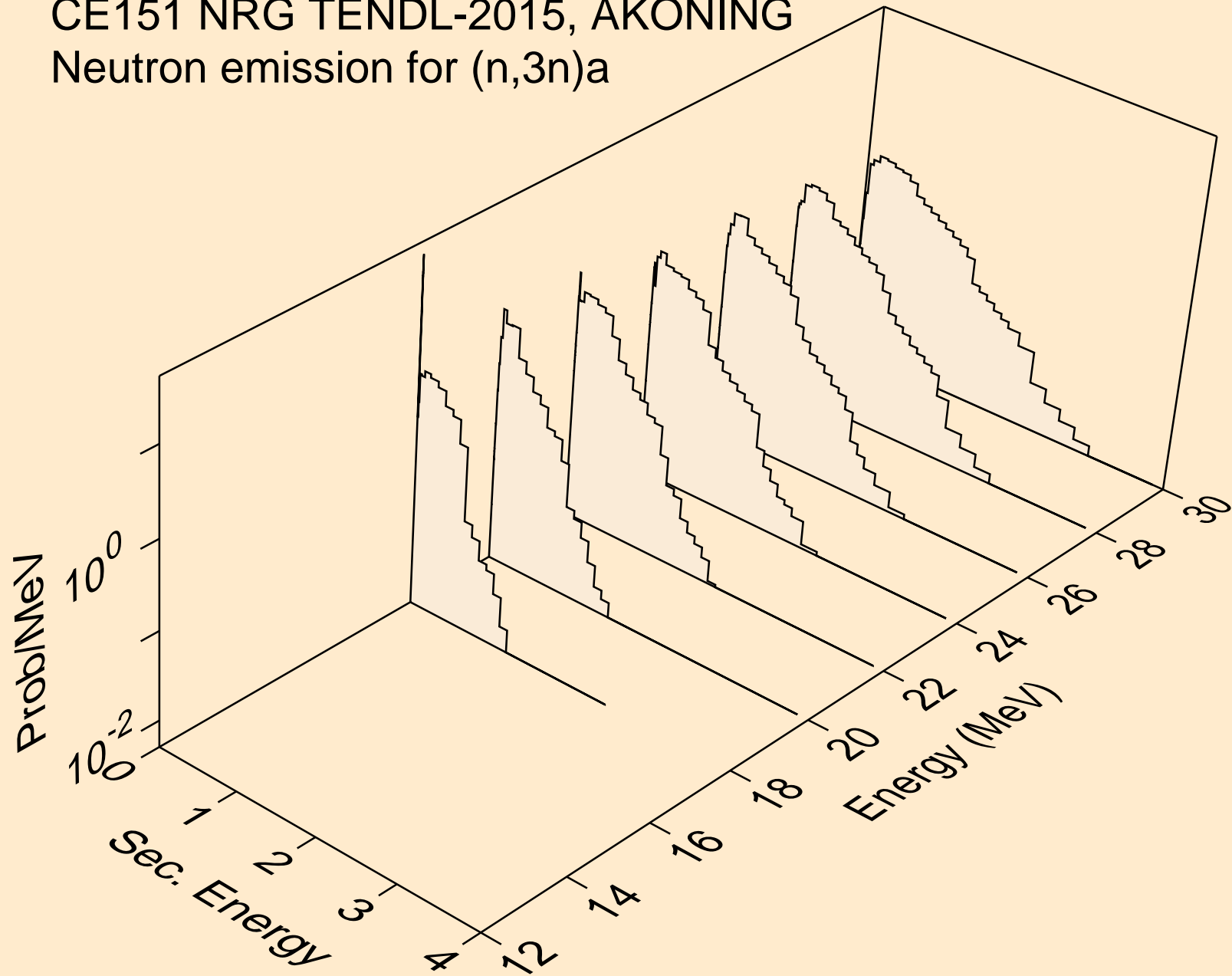
CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



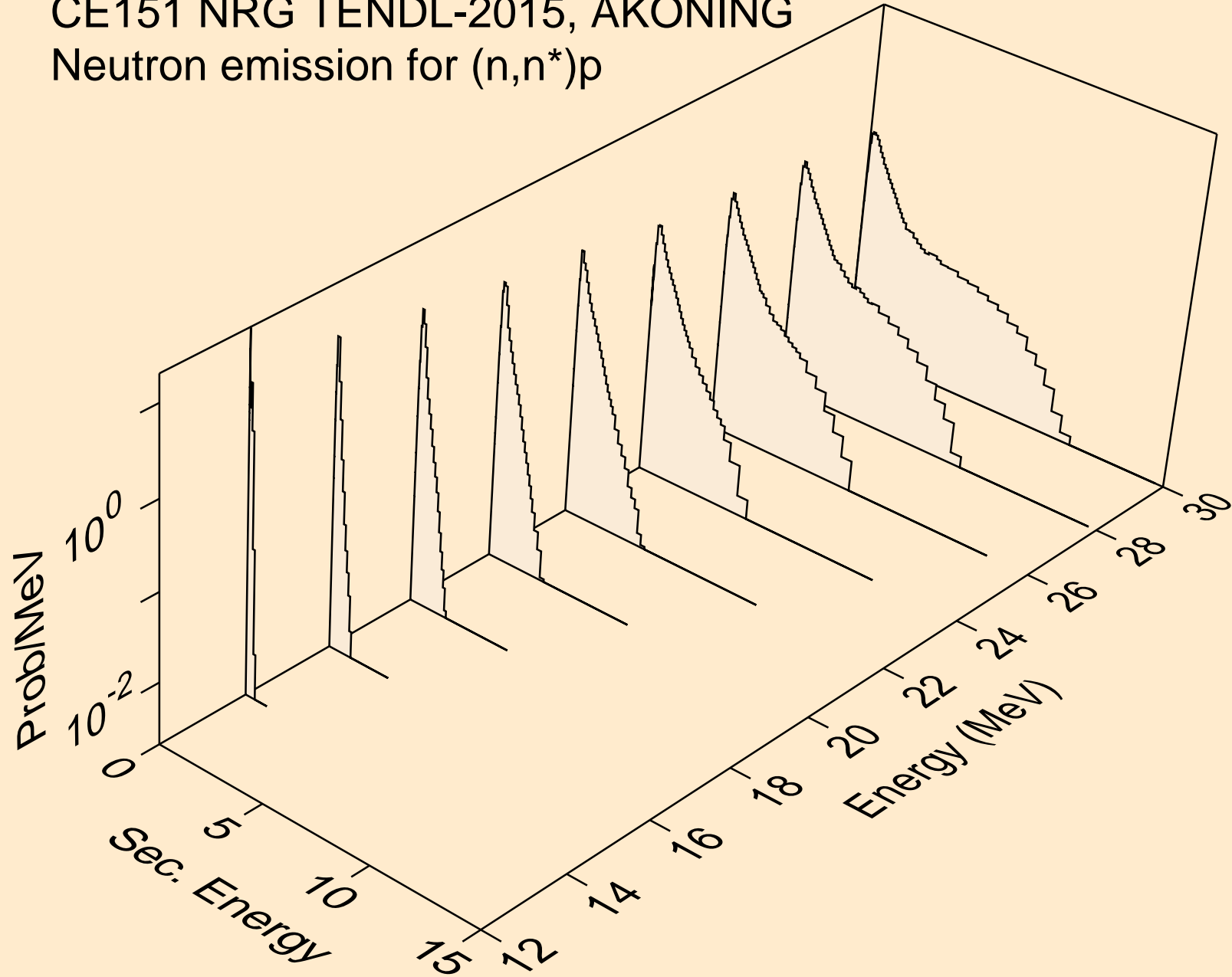
CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



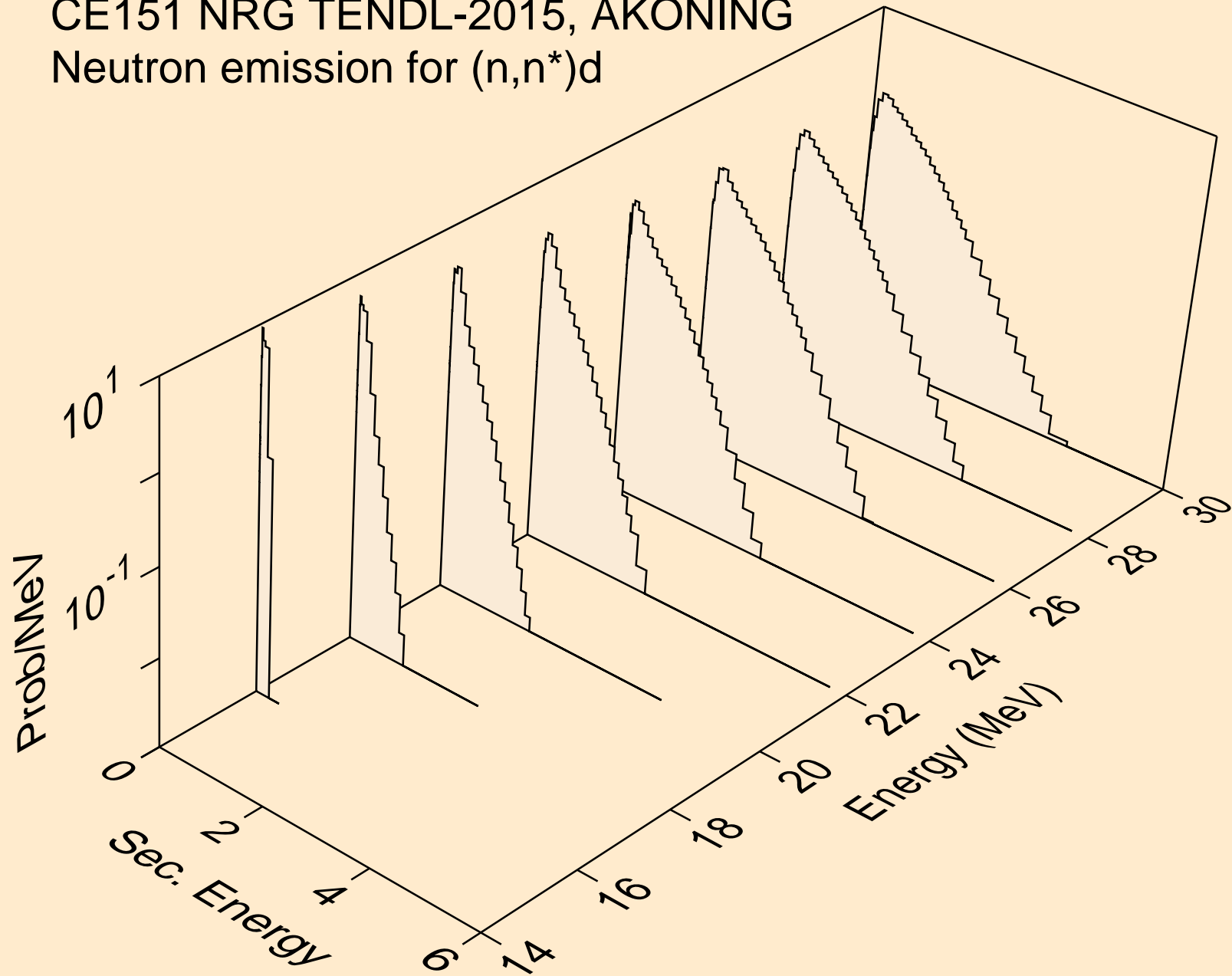
CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



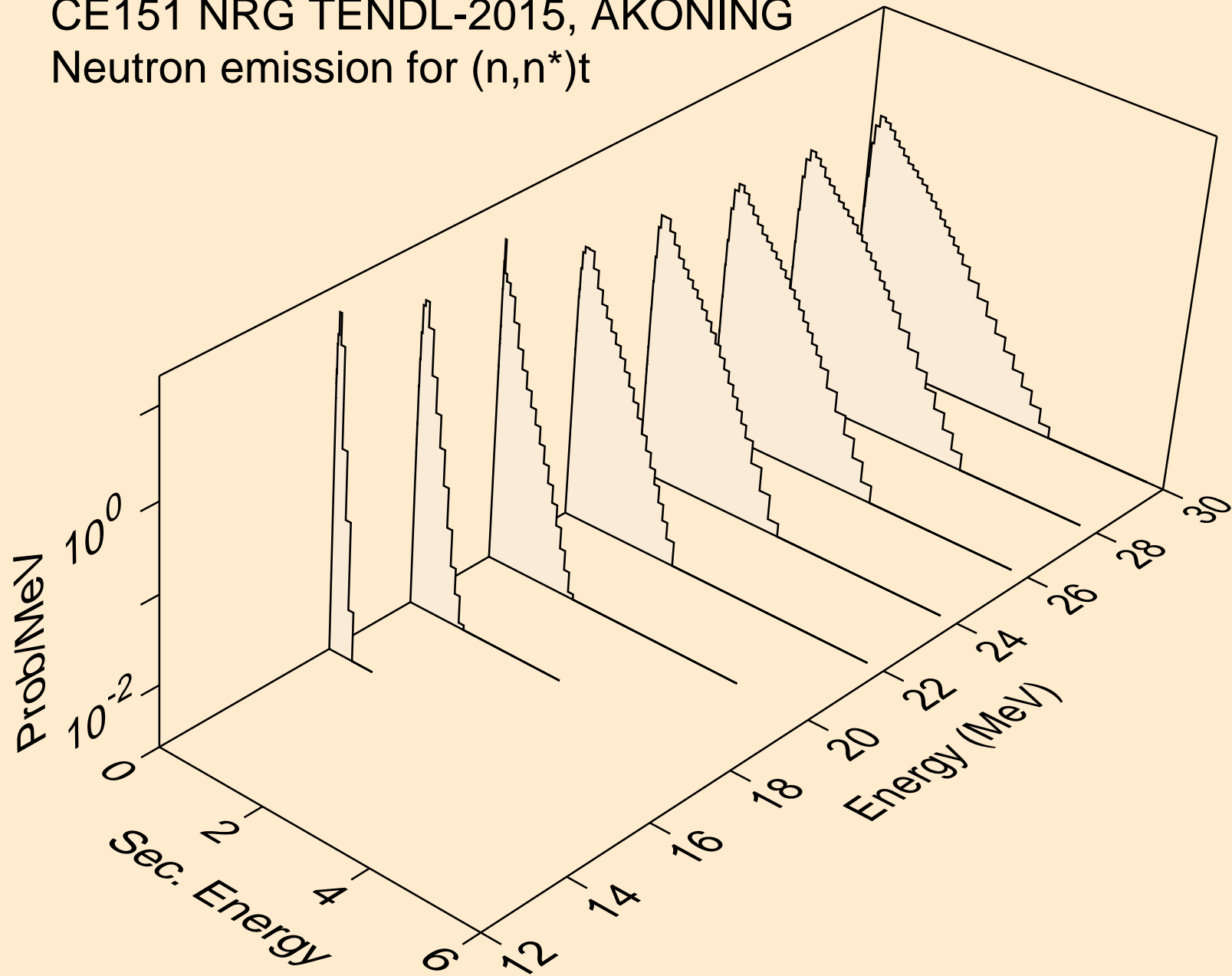
CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

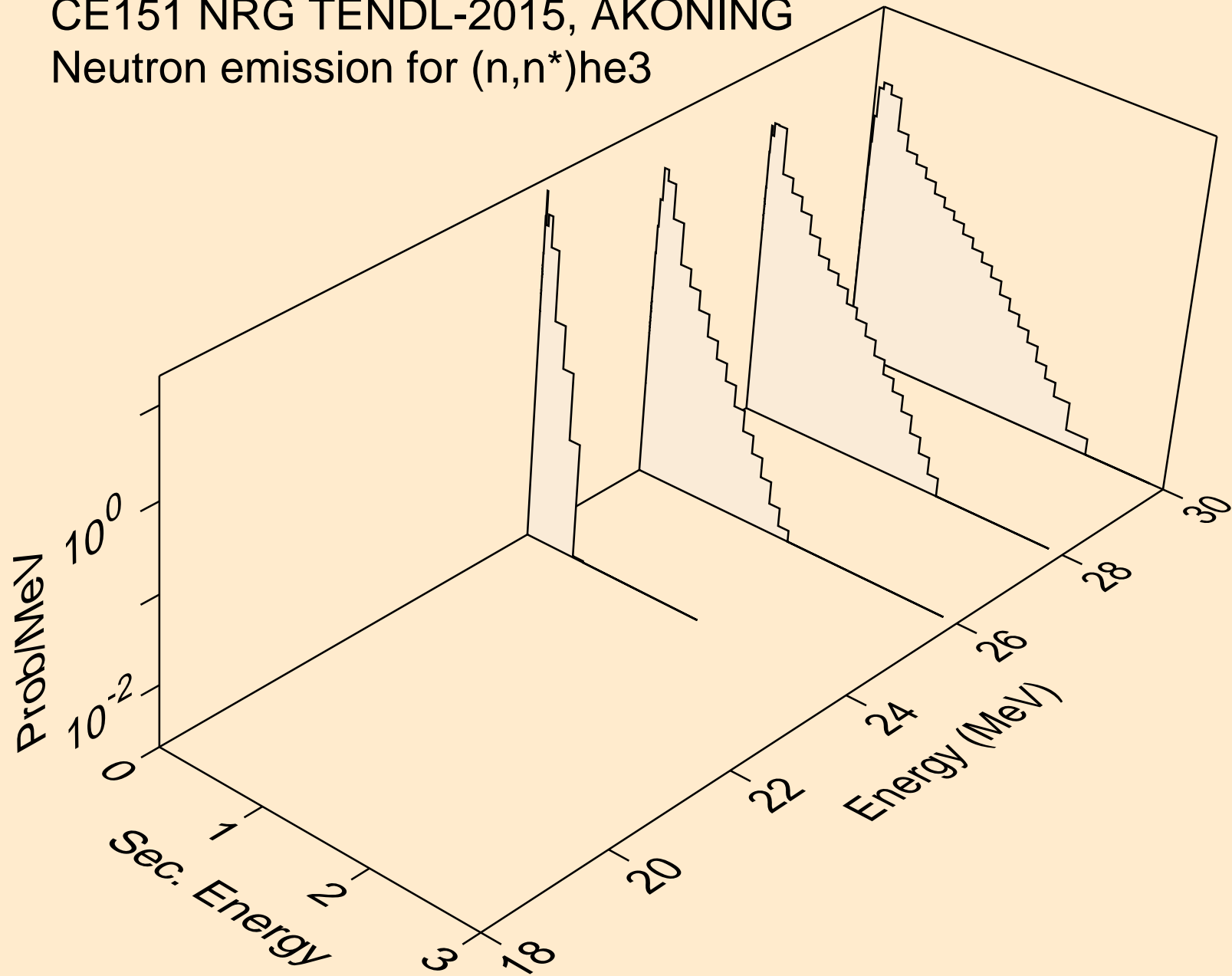


CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

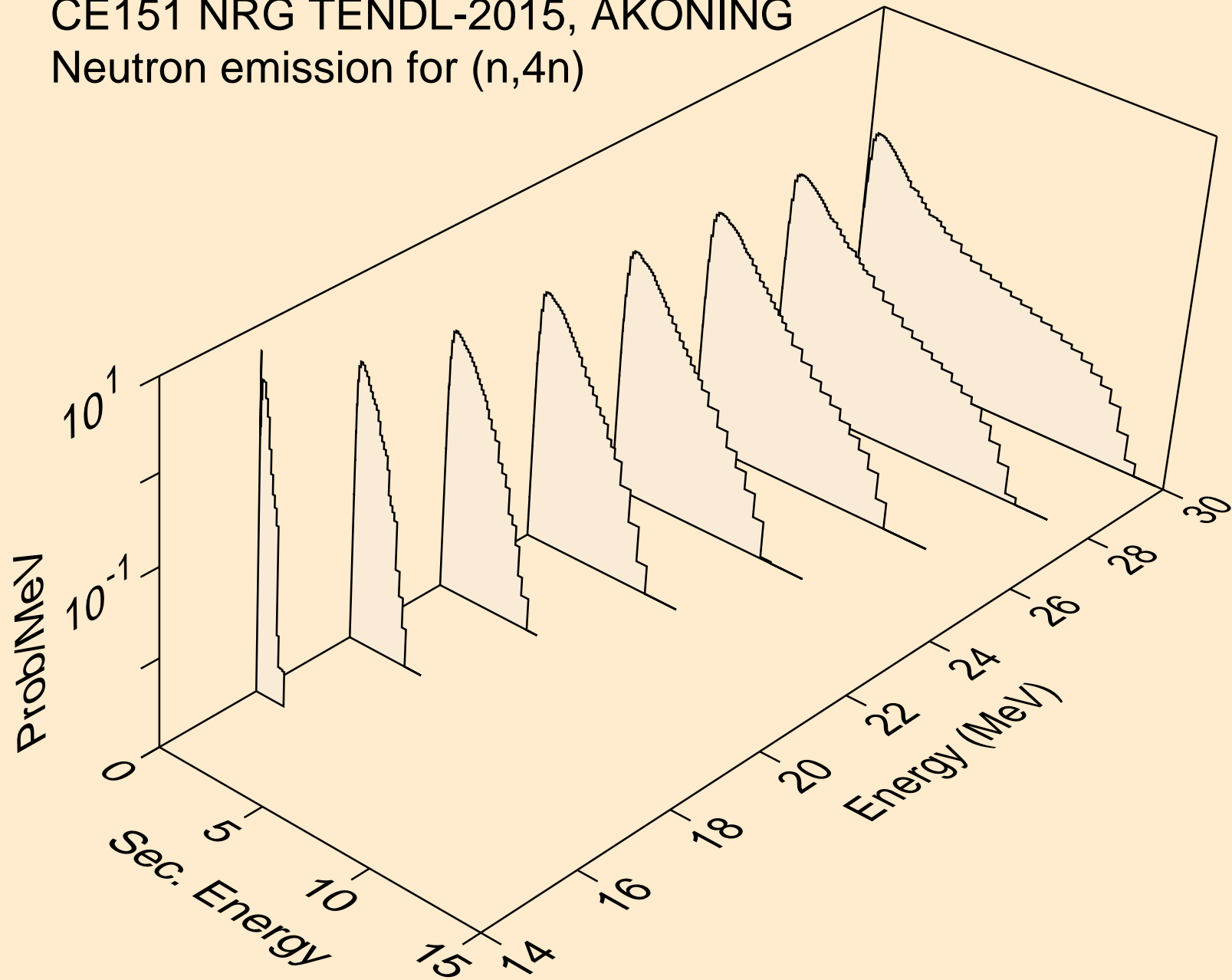




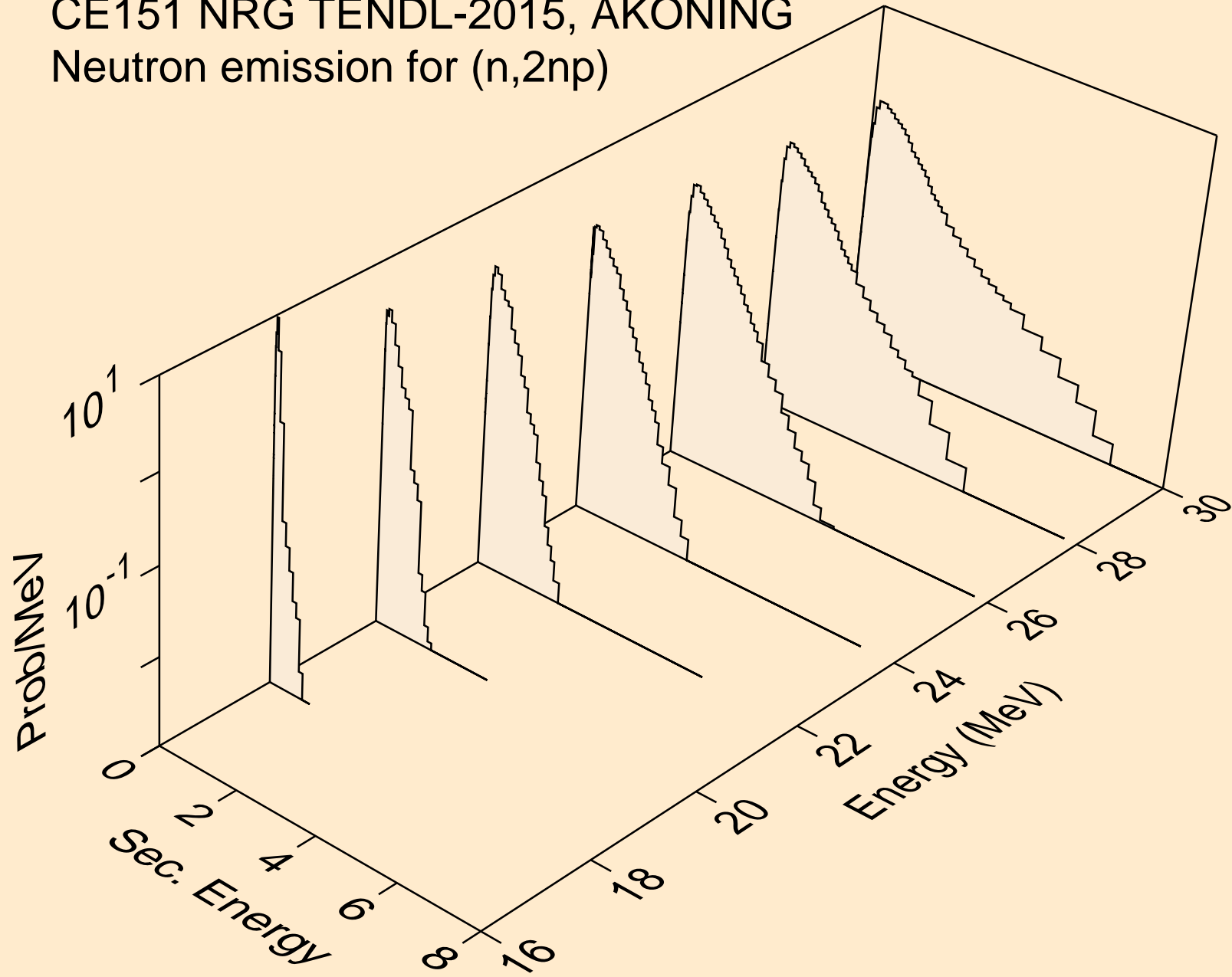
CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



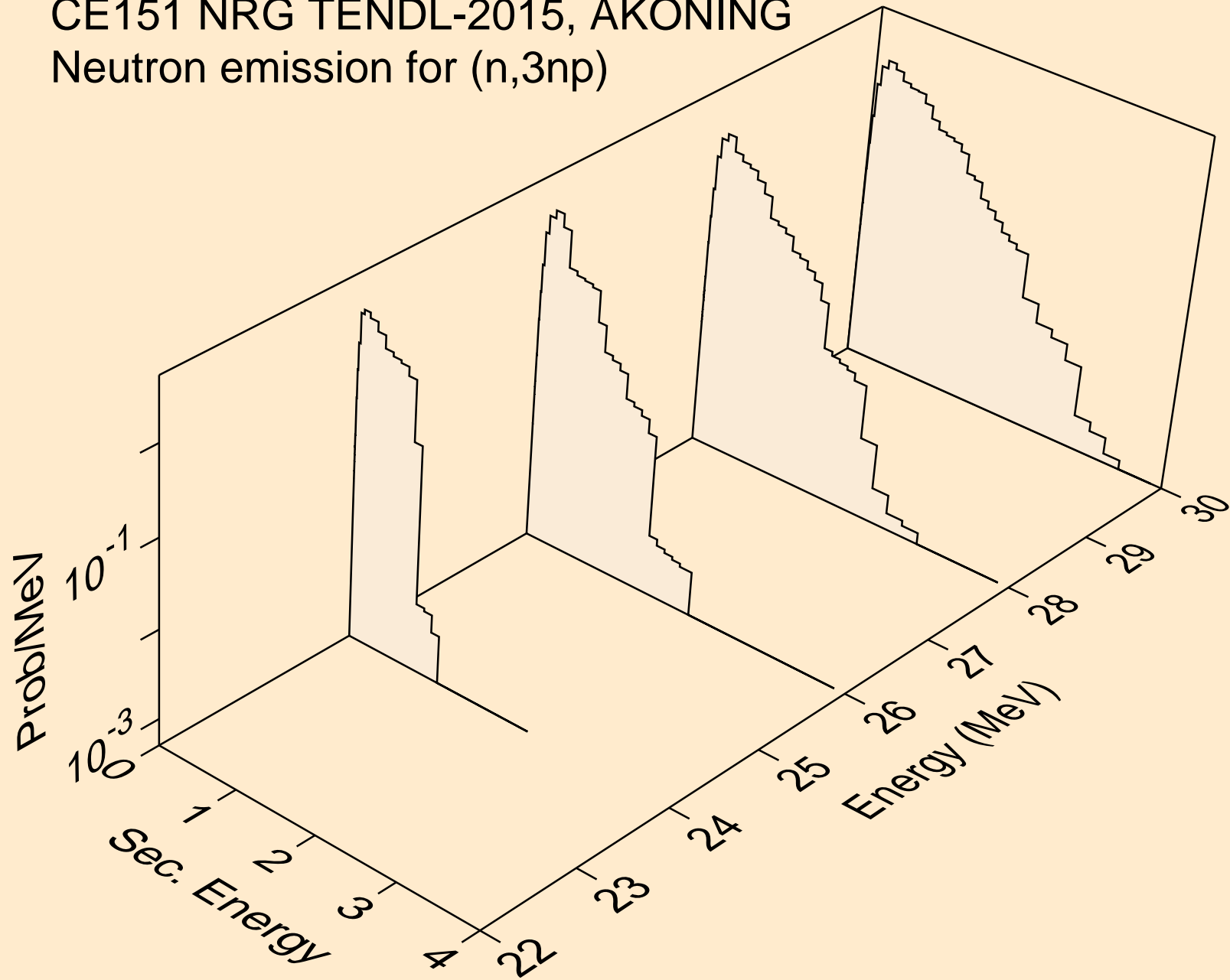
CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



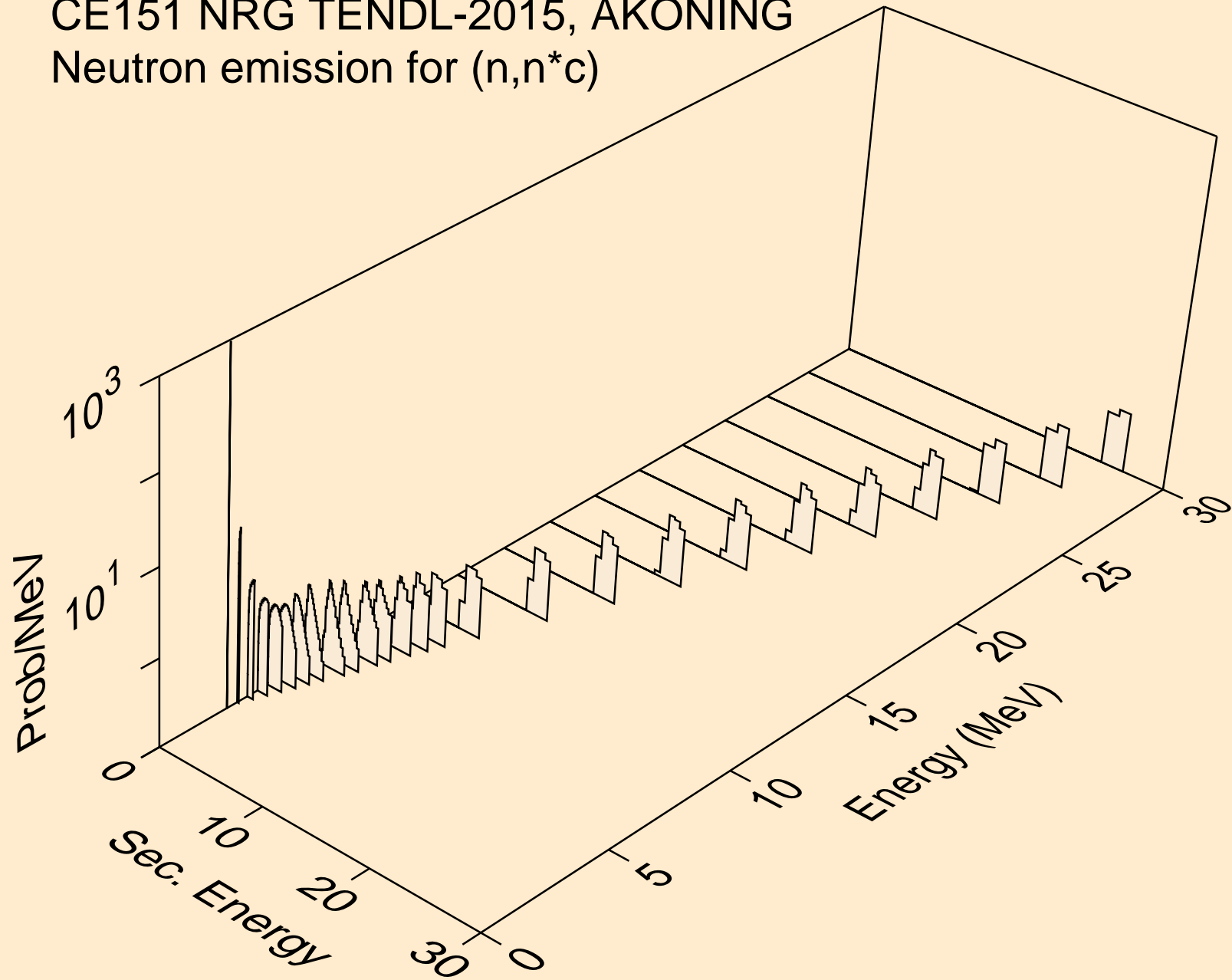
CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



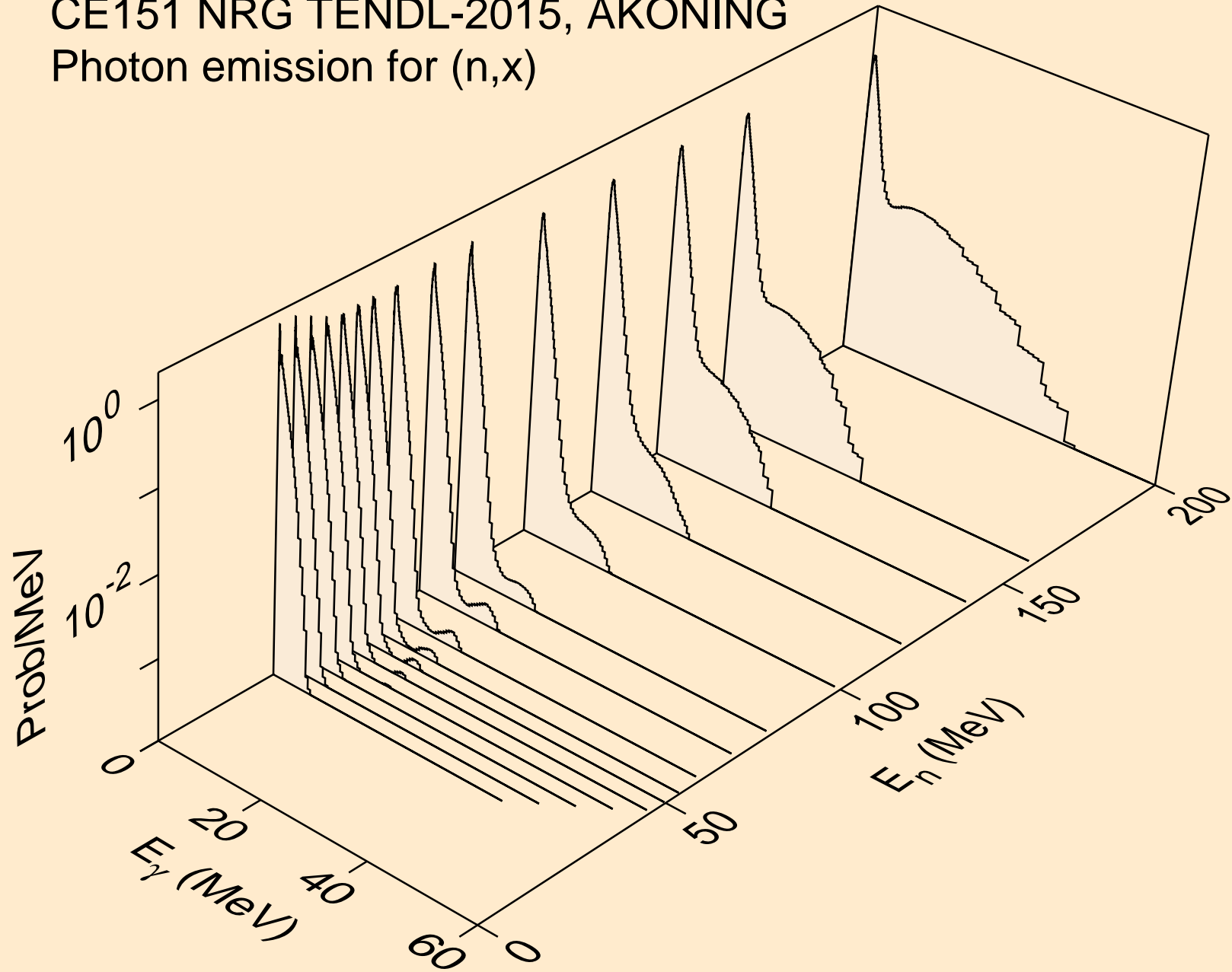
CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



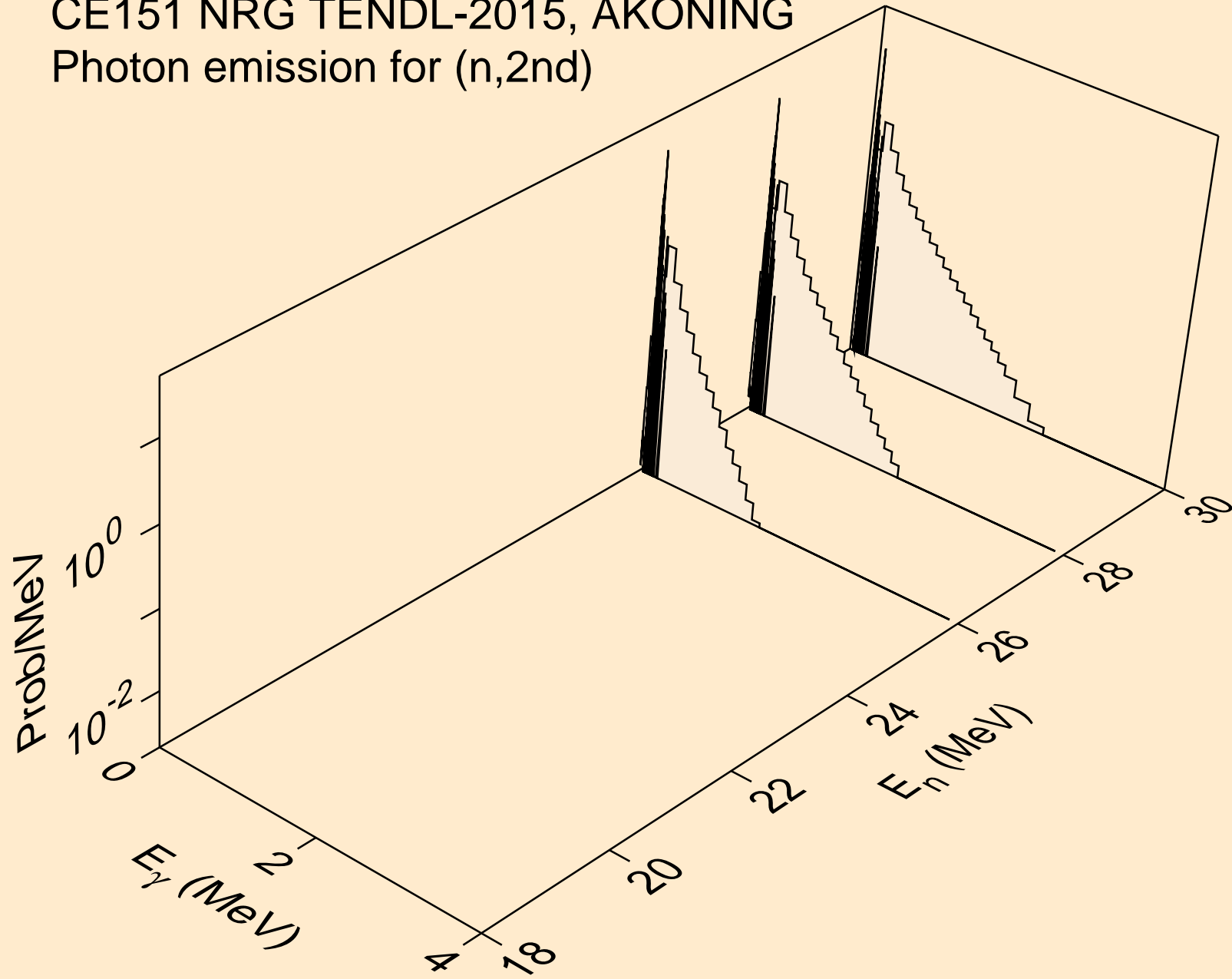
CE151 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



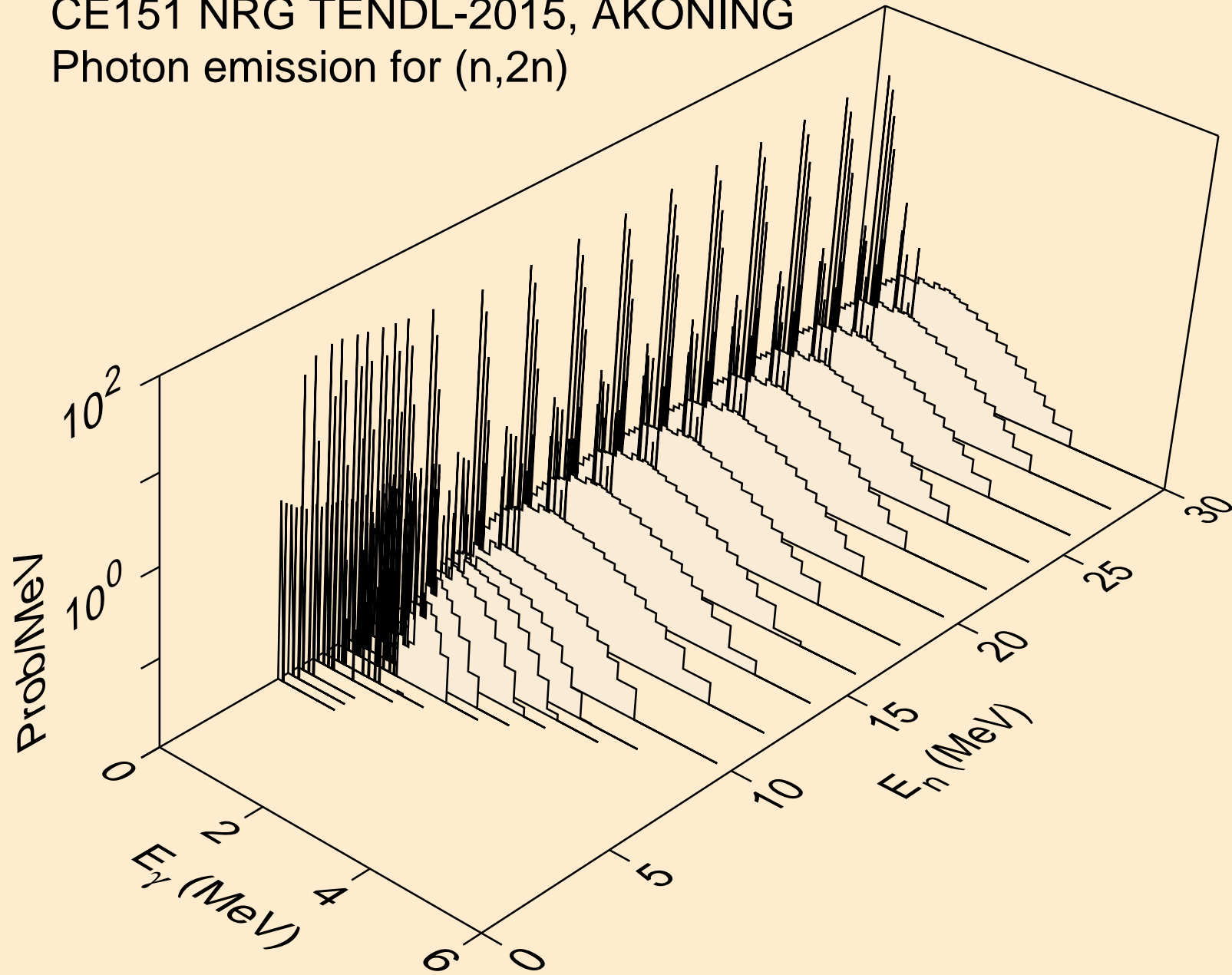
CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

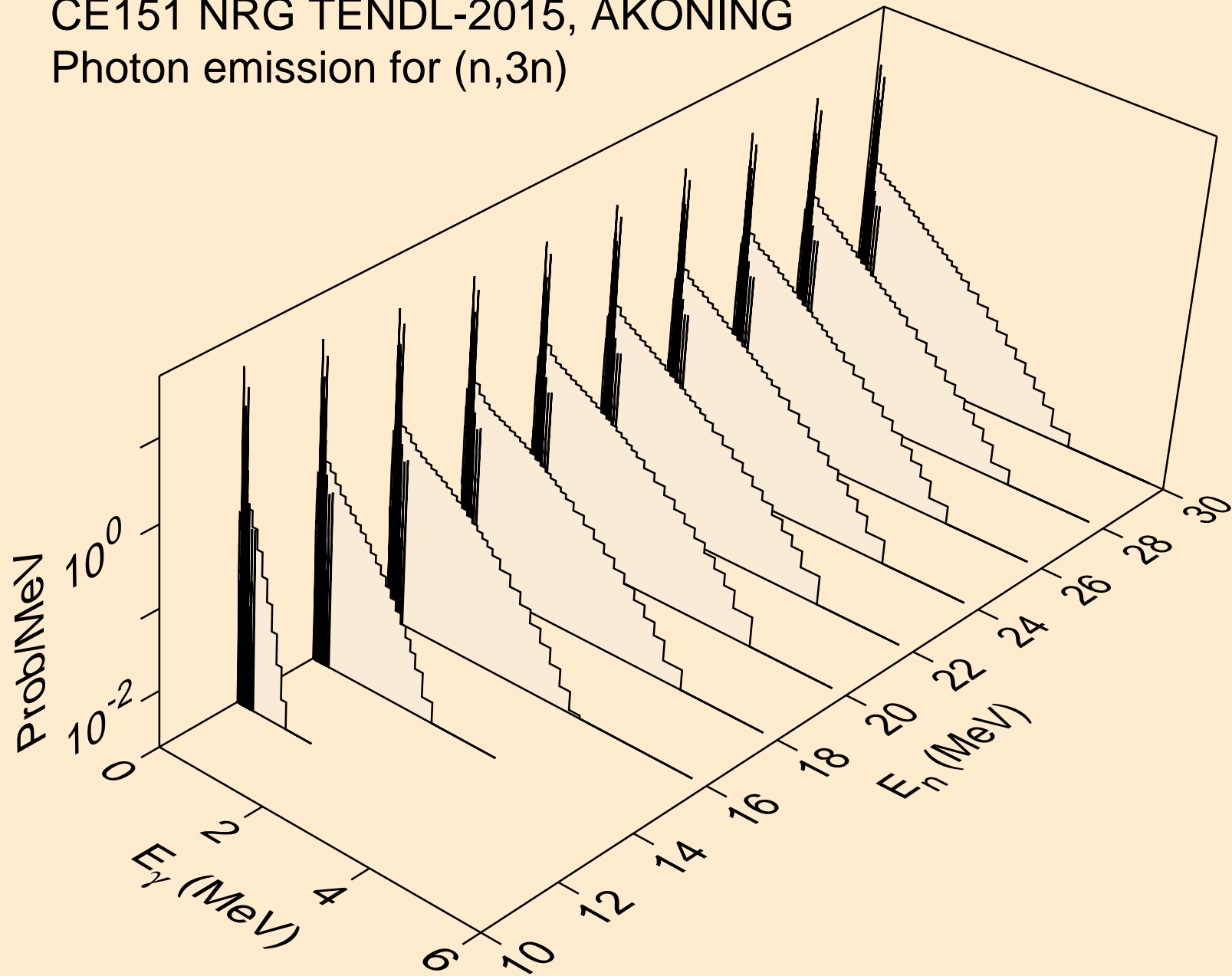


CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

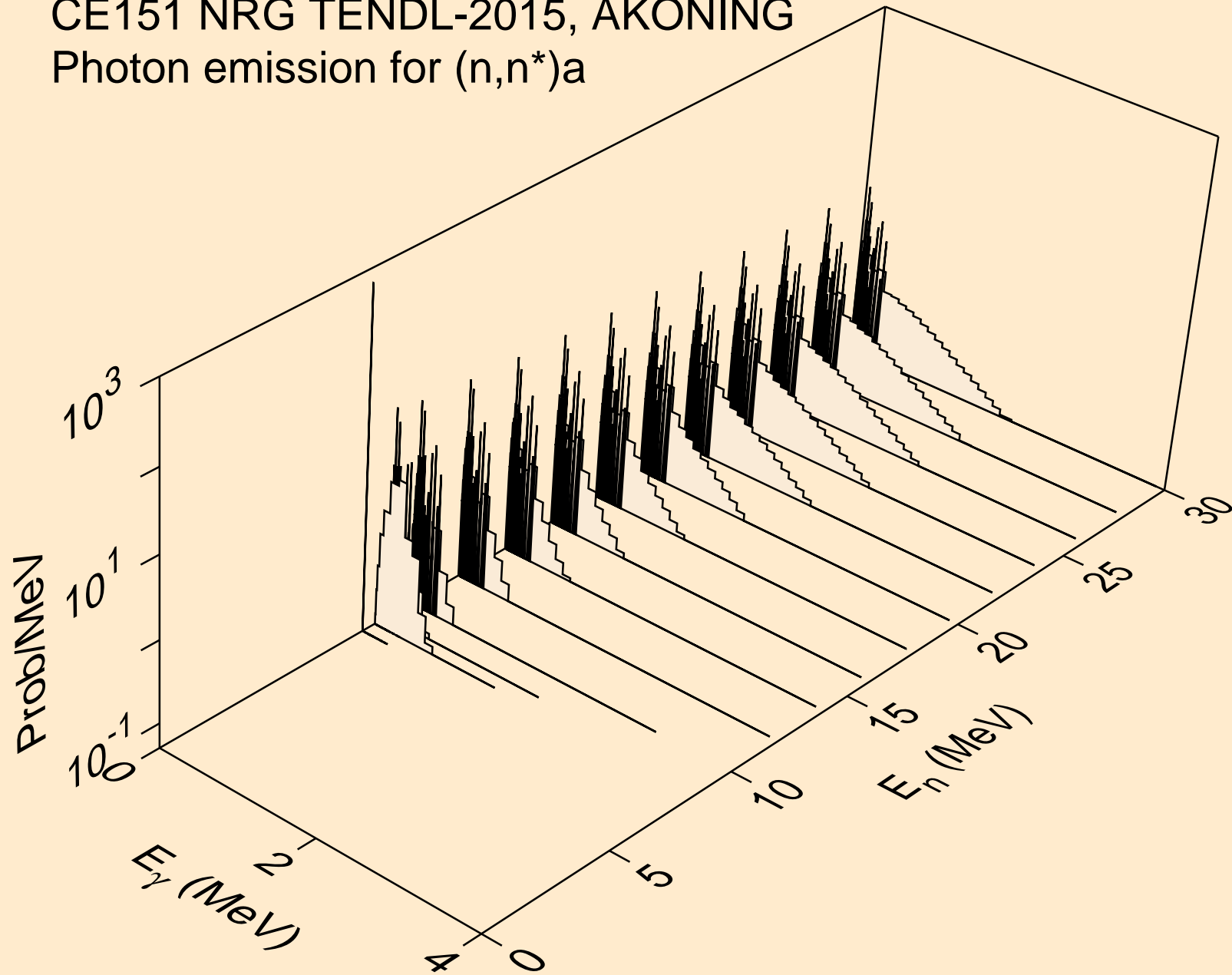




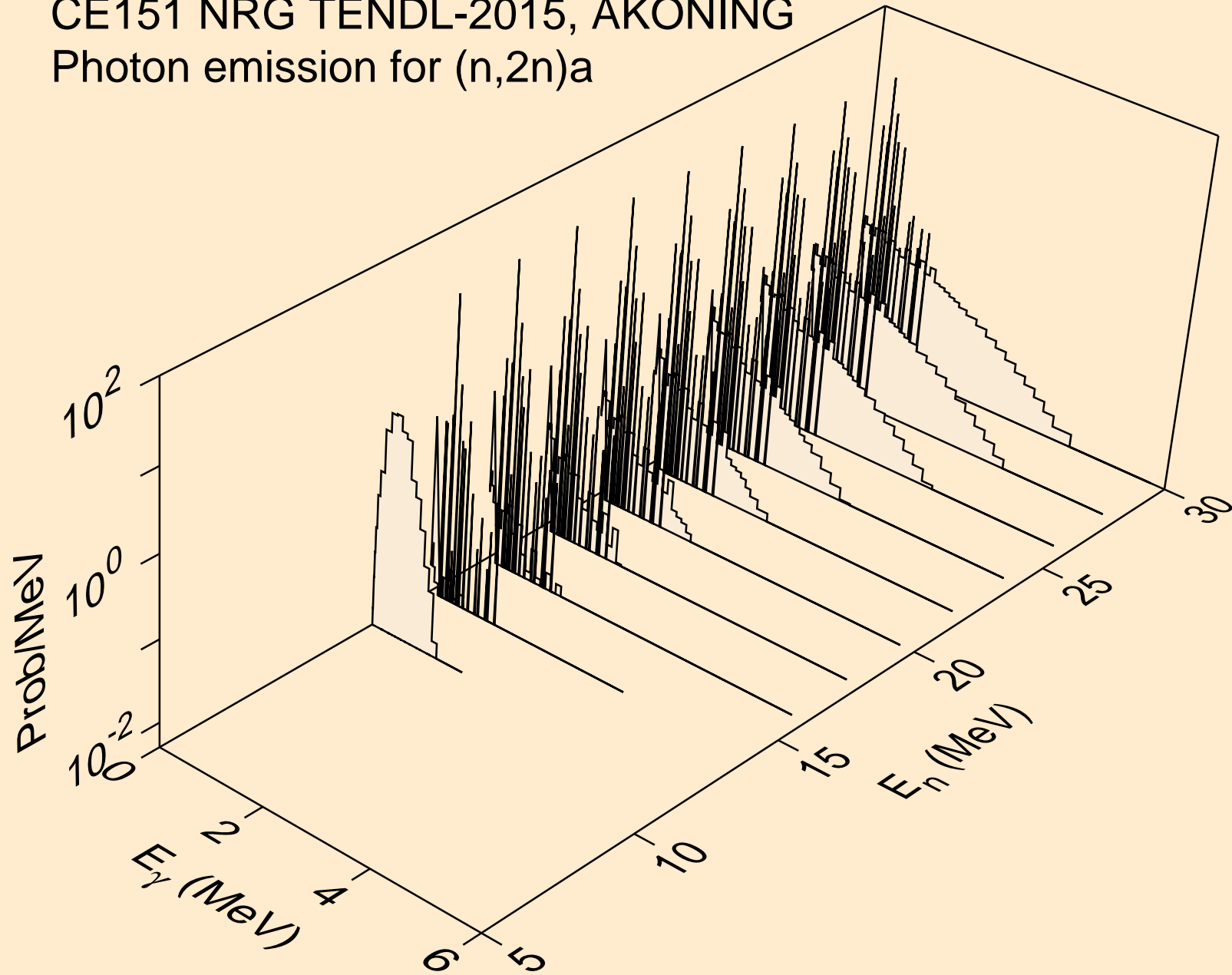
CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

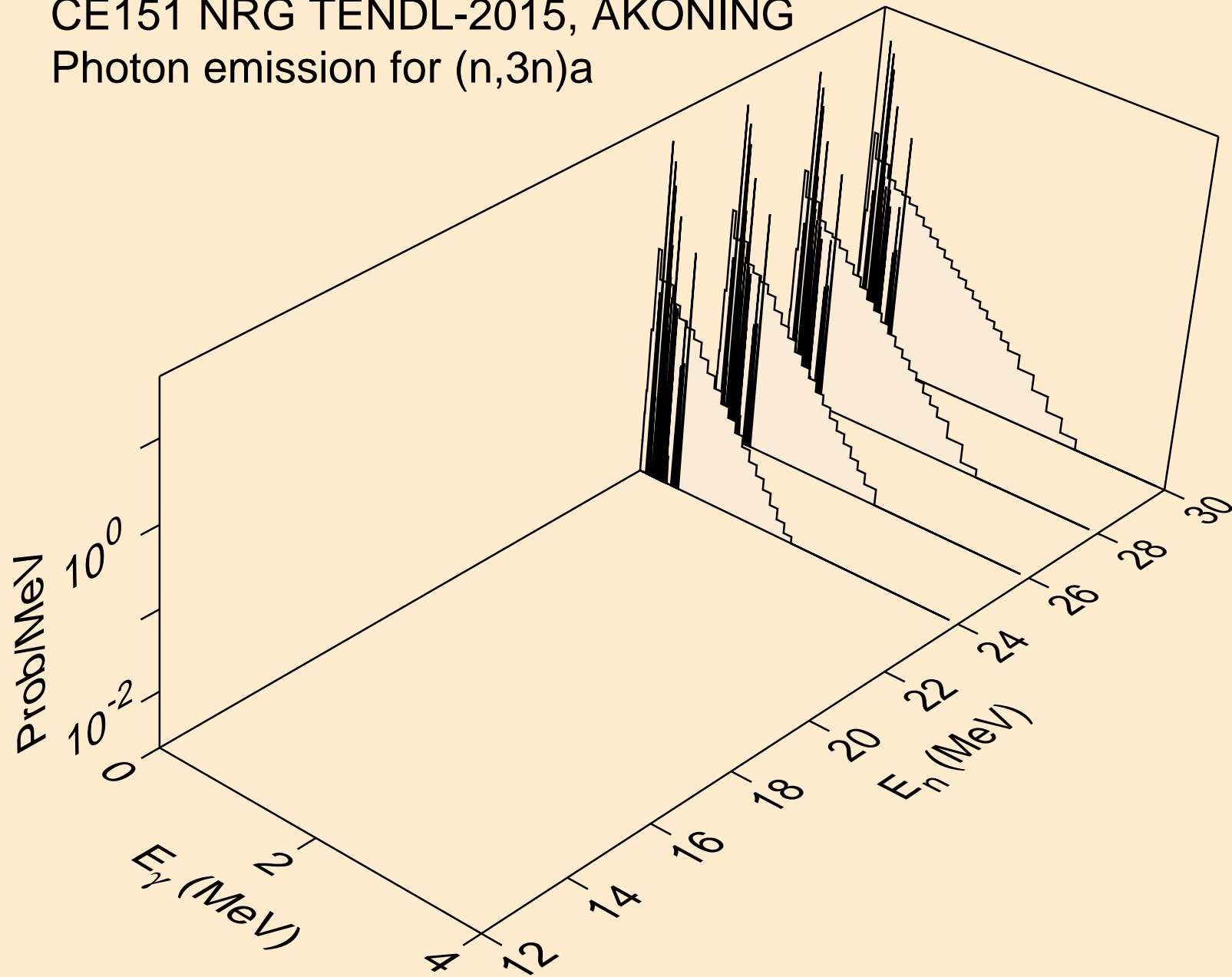


CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)<sub>a</sub>



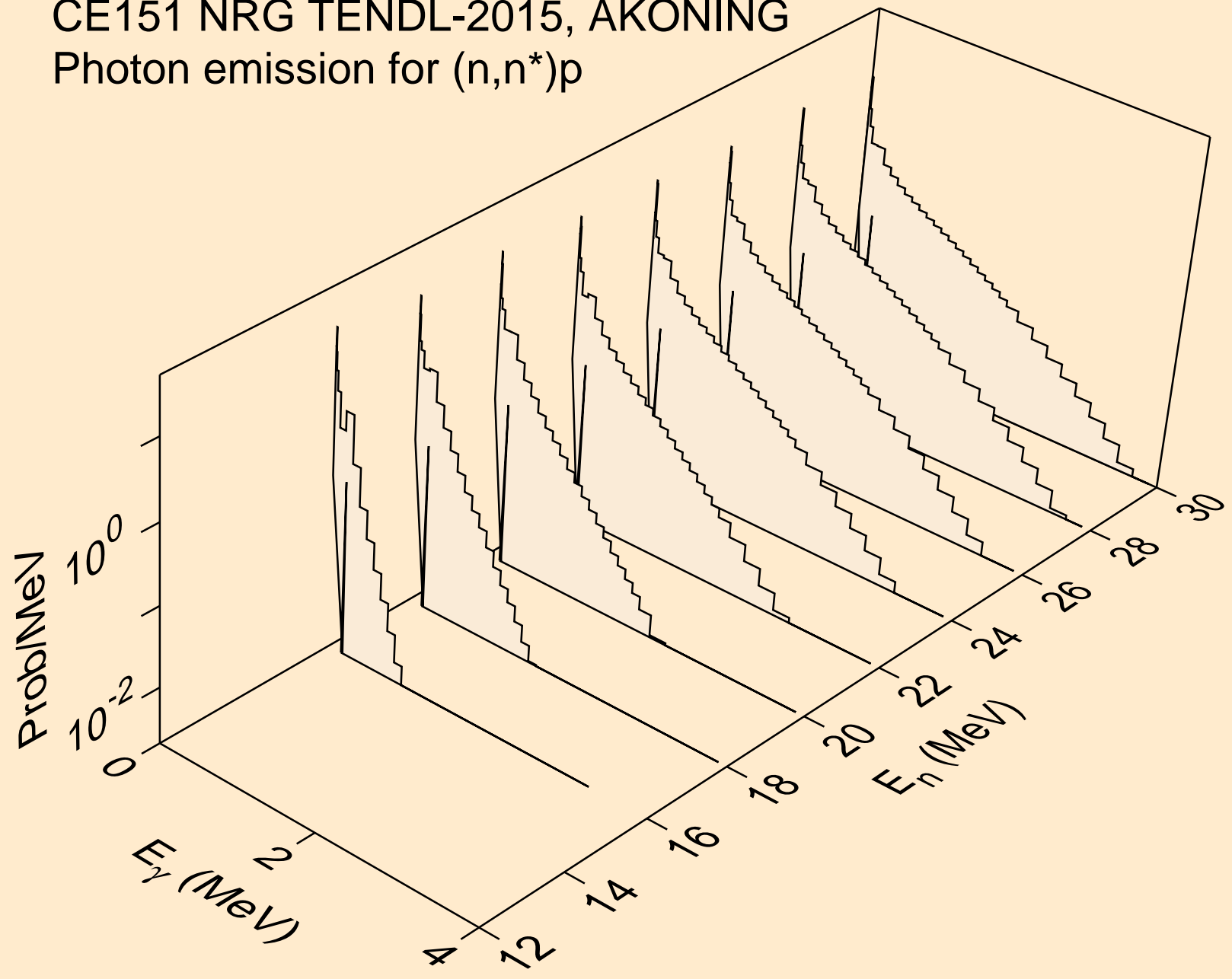
CE151 NRG TENDL-2015, AKONING

Photon emission for (n,3n)a

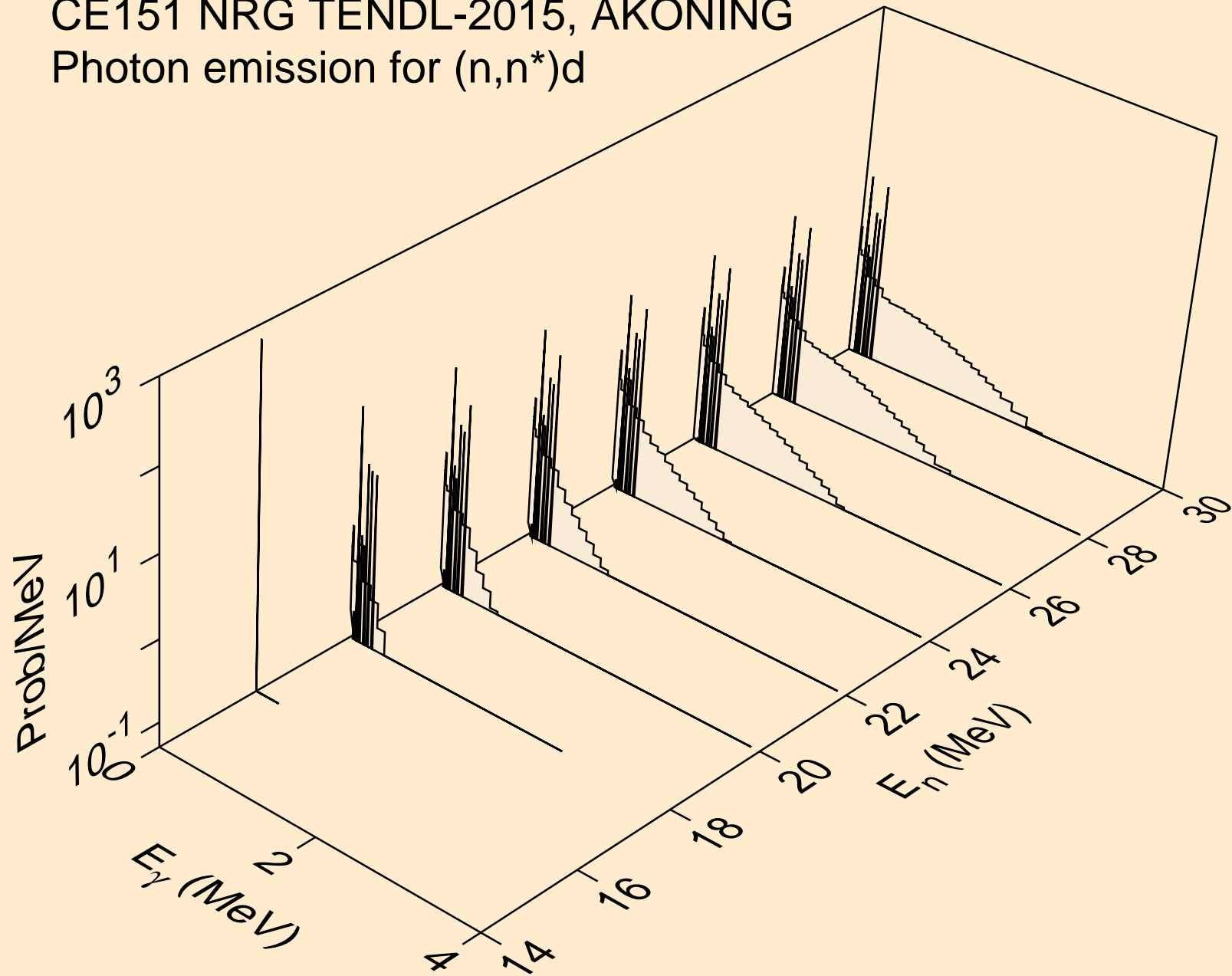


# CE151 NRG TENDL-2015, AKONING

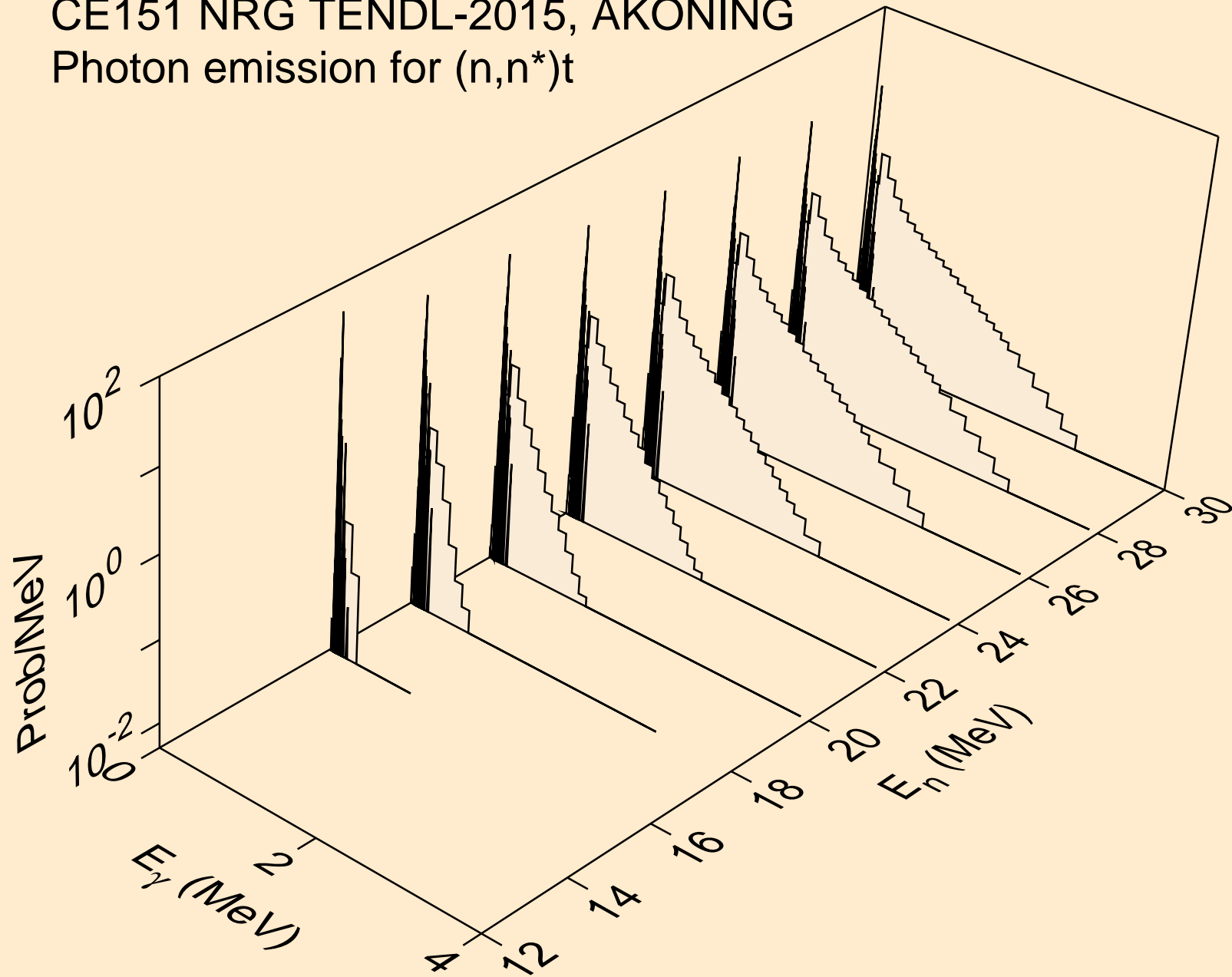
Photon emission for (n,n\*)p



CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

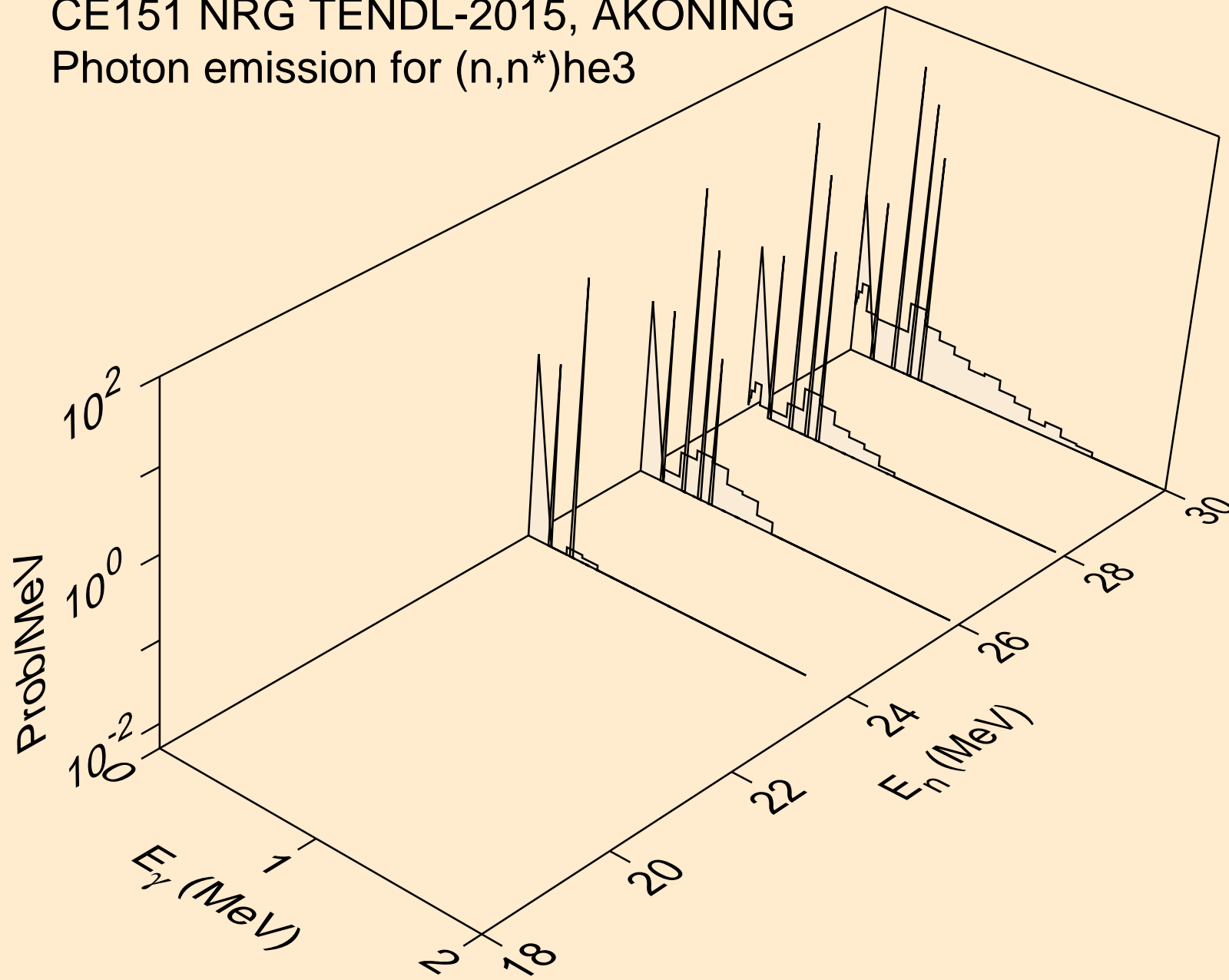


CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



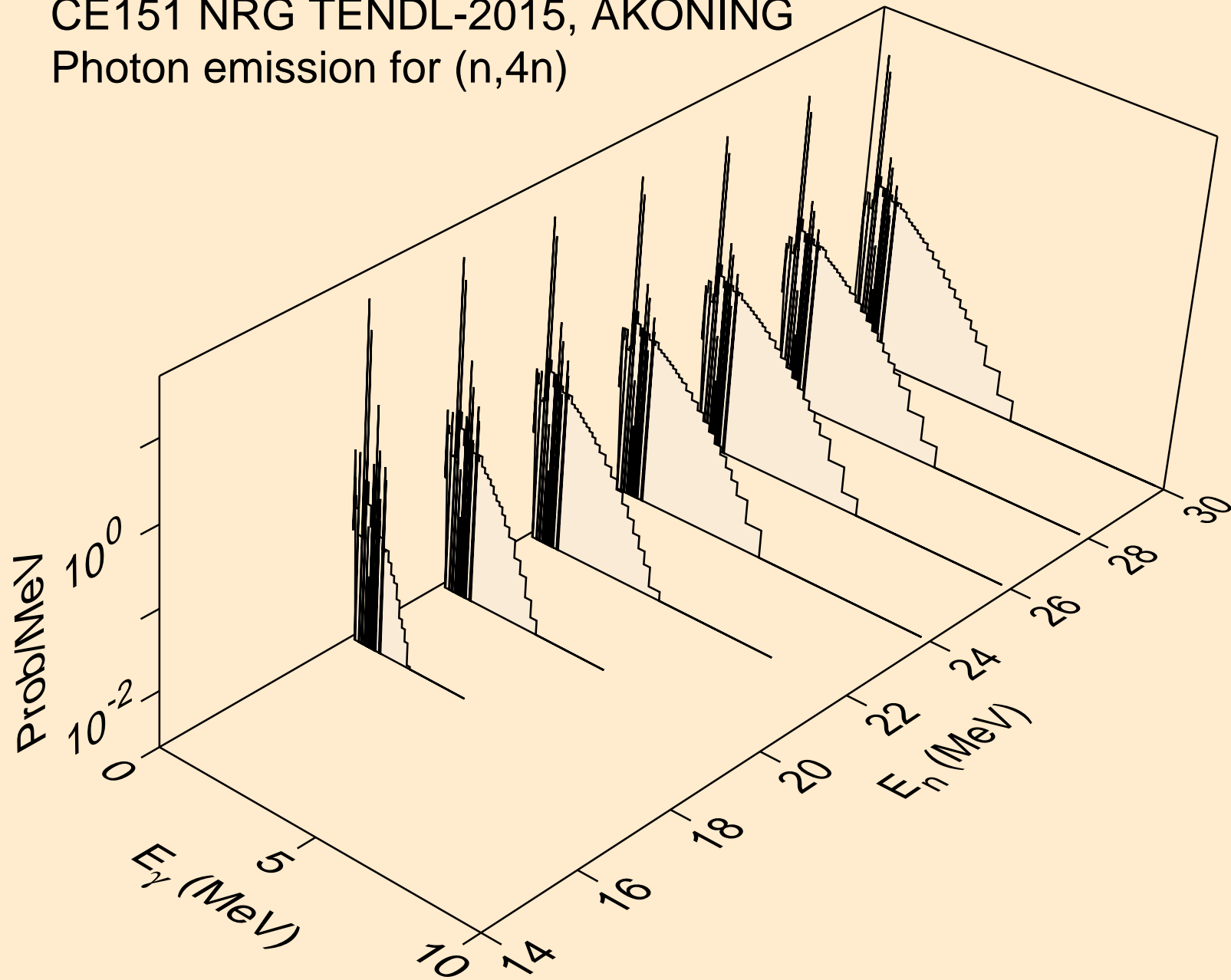
# CE151 NRG TENDL-2015, AKONING

Photon emission for (n,n\*)he3

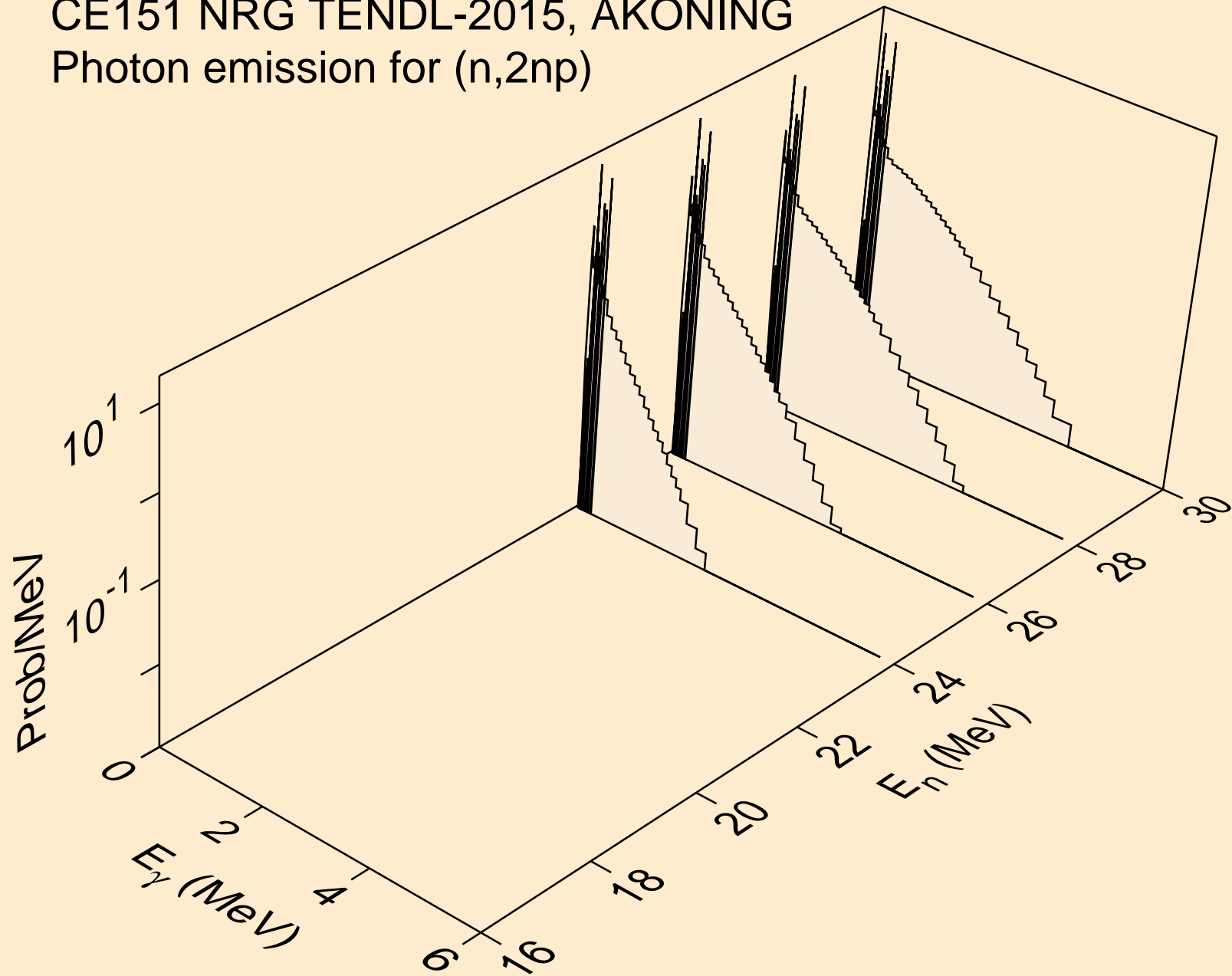




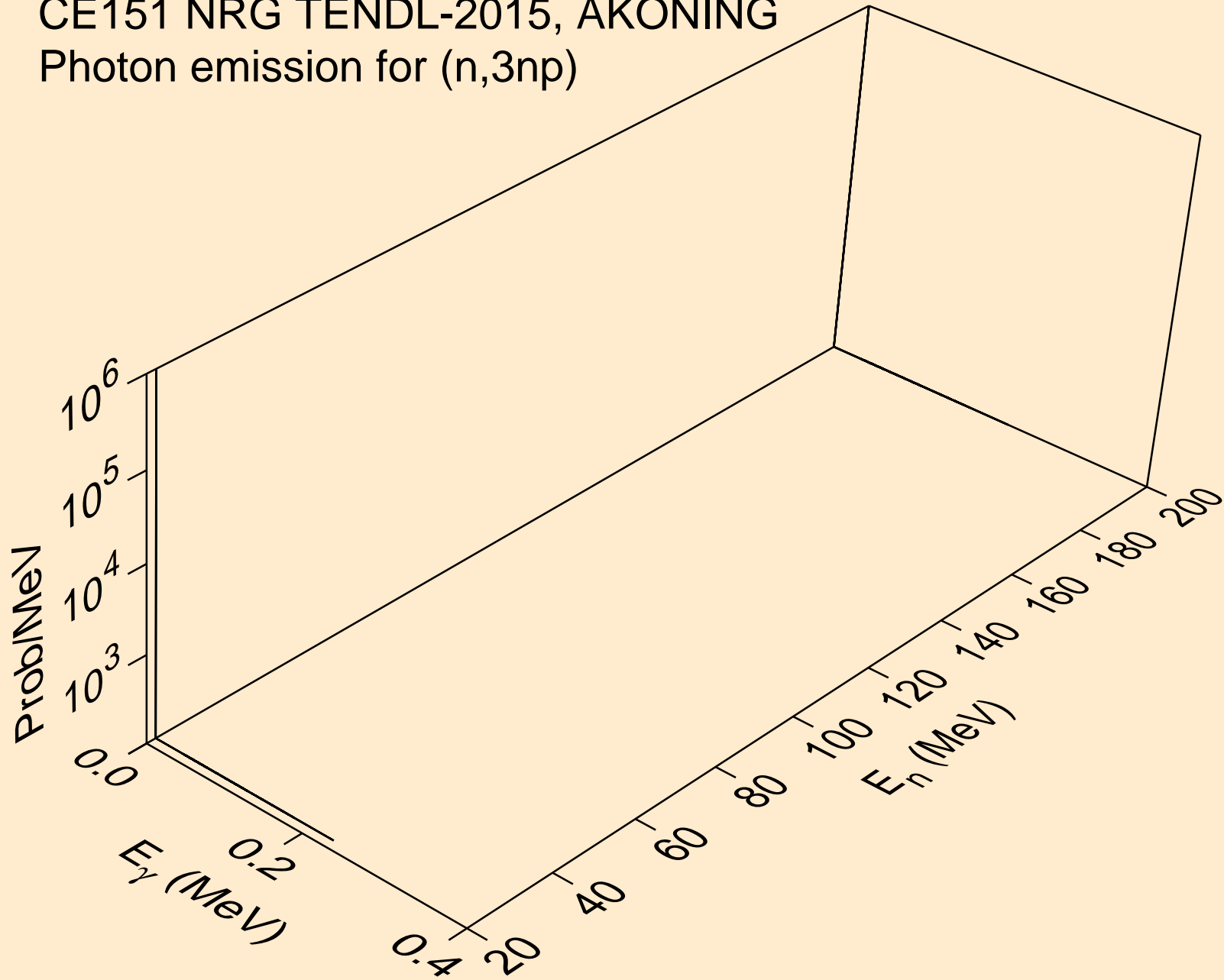
CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



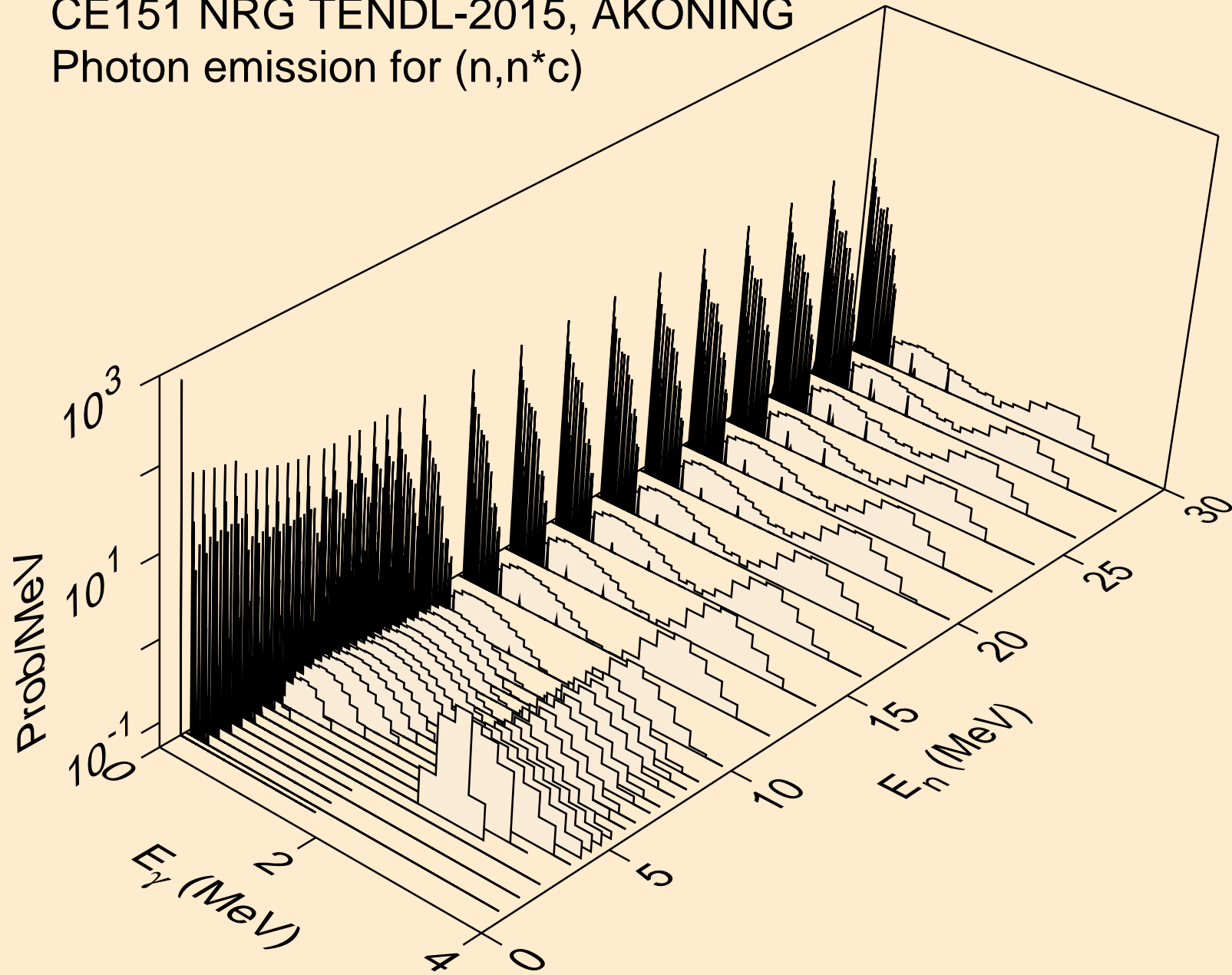
CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



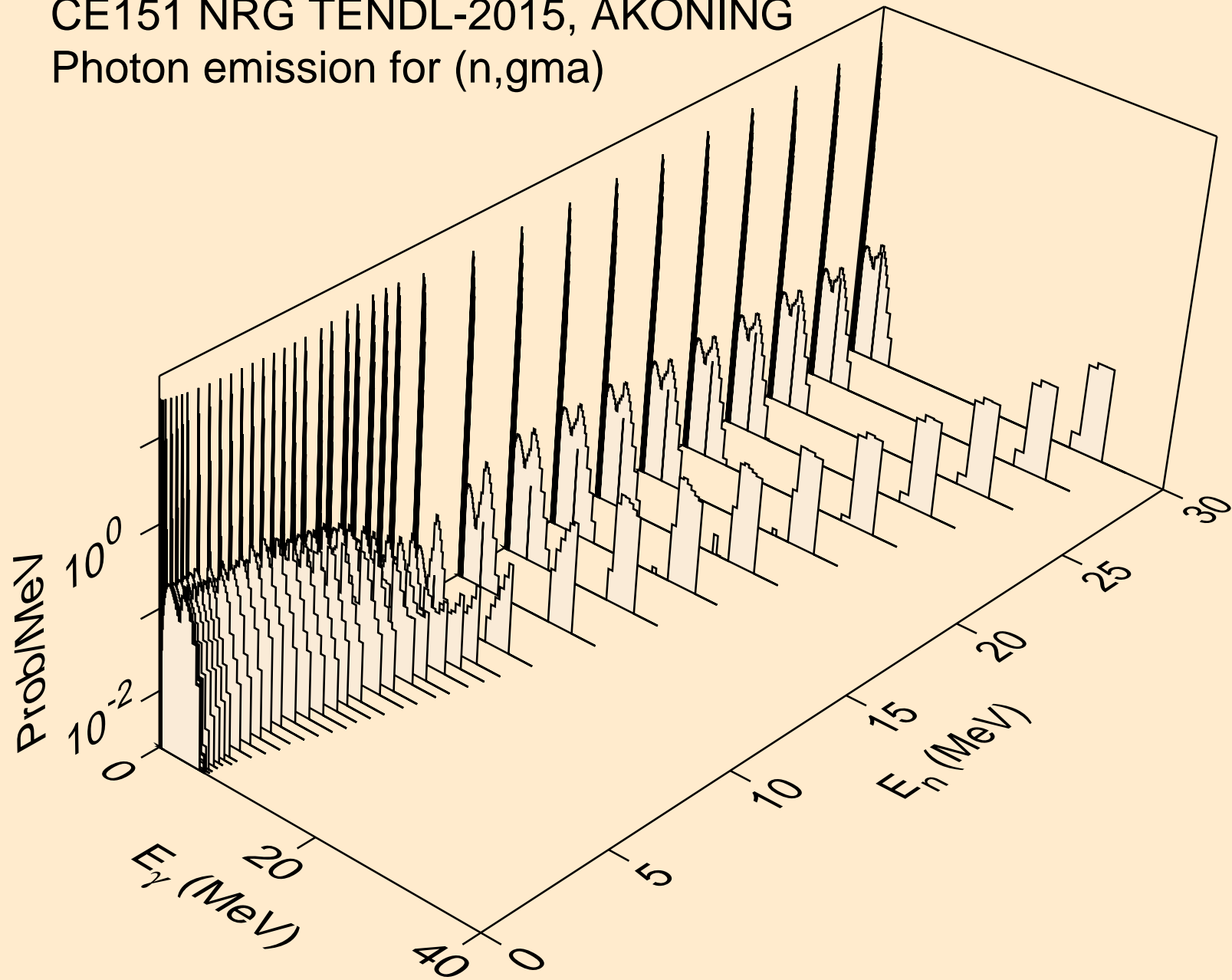
CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



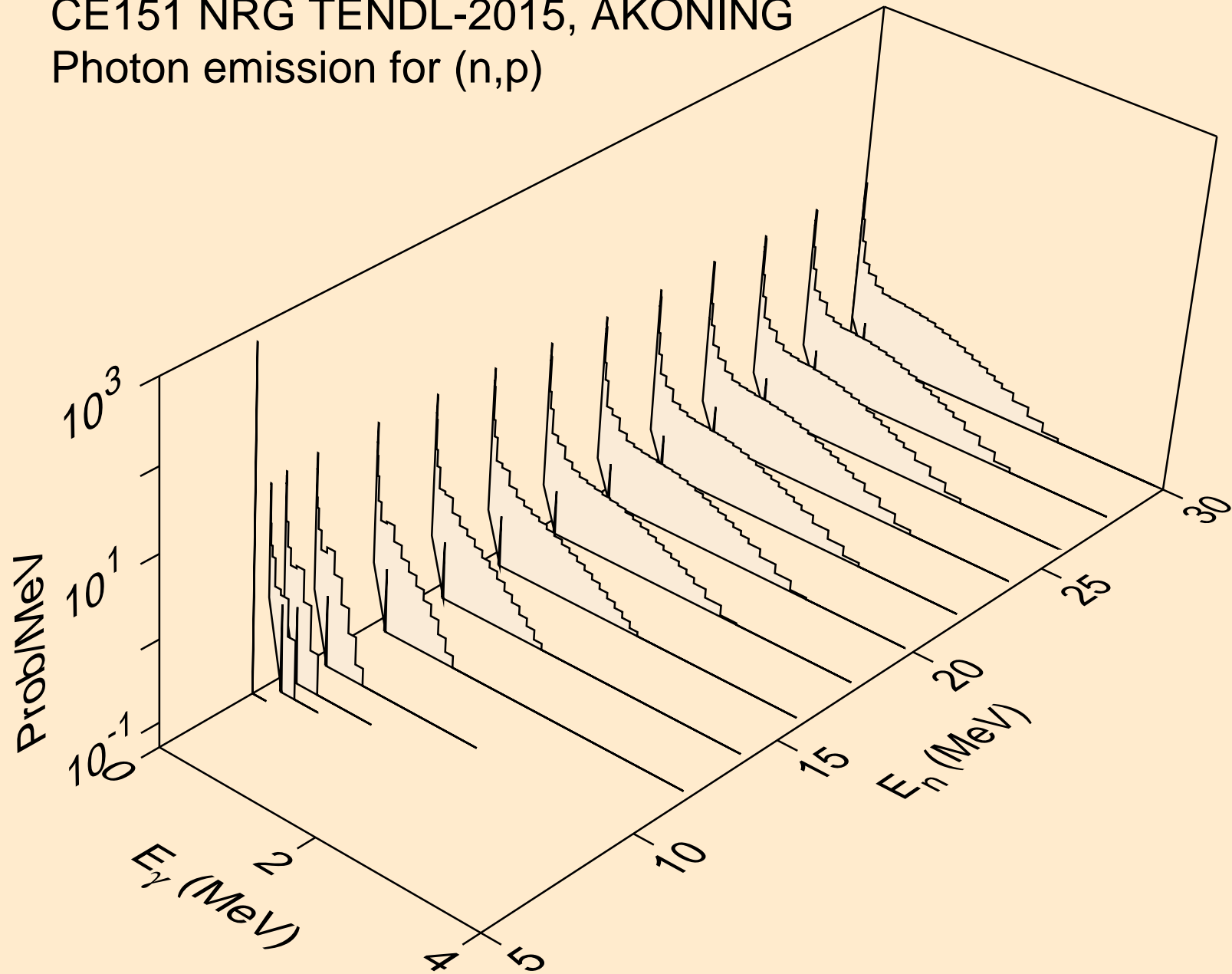
CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



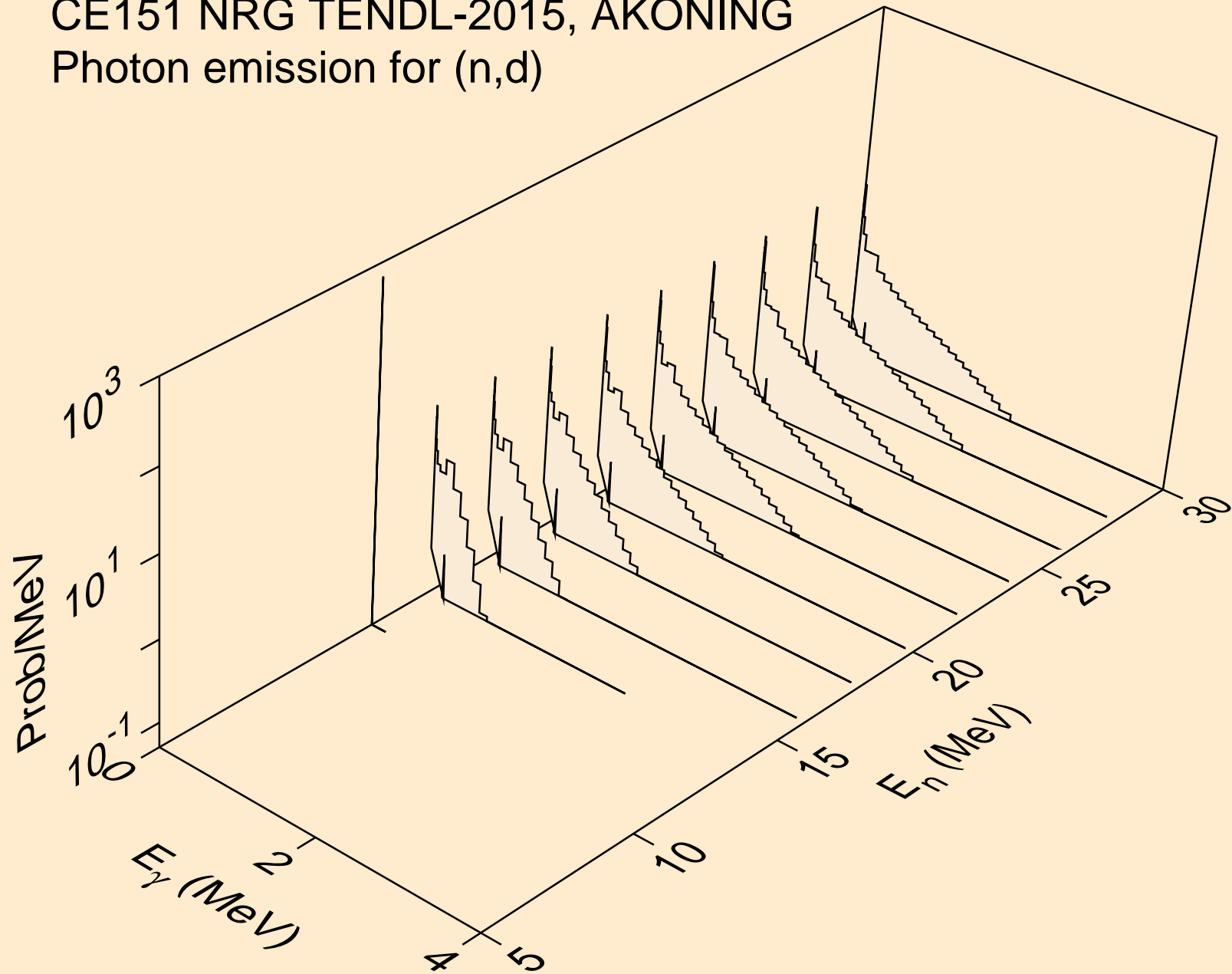
CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



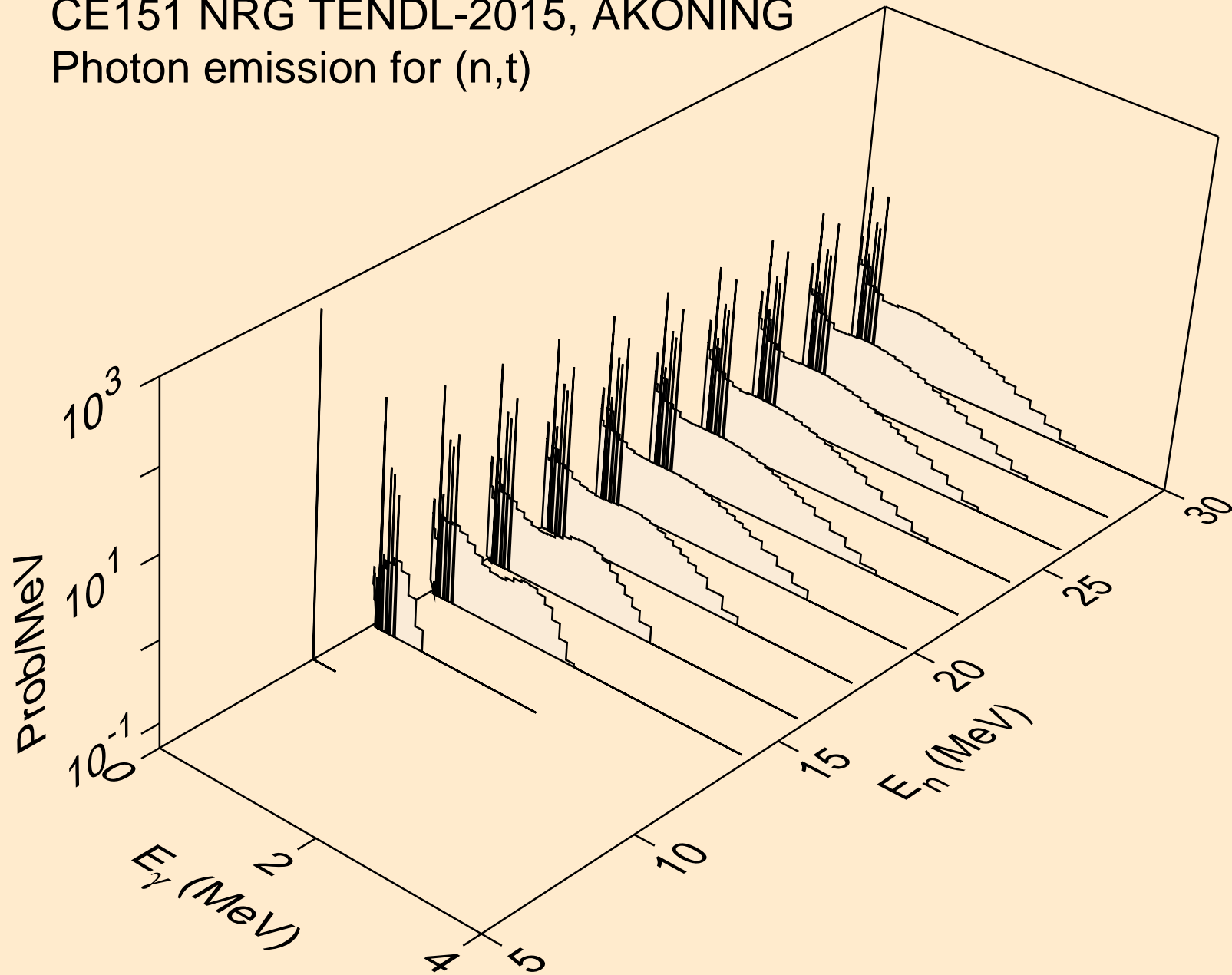
CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

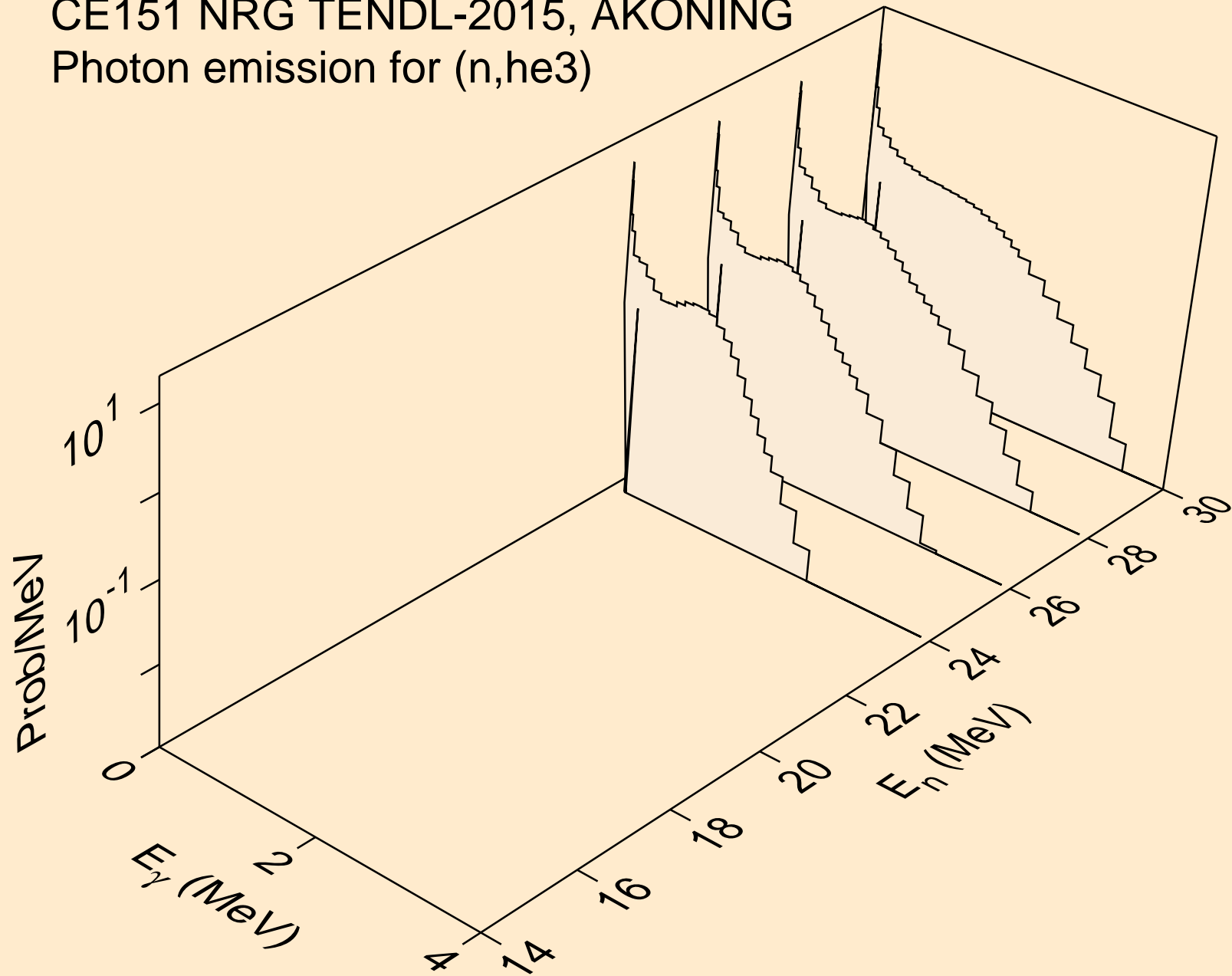


CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

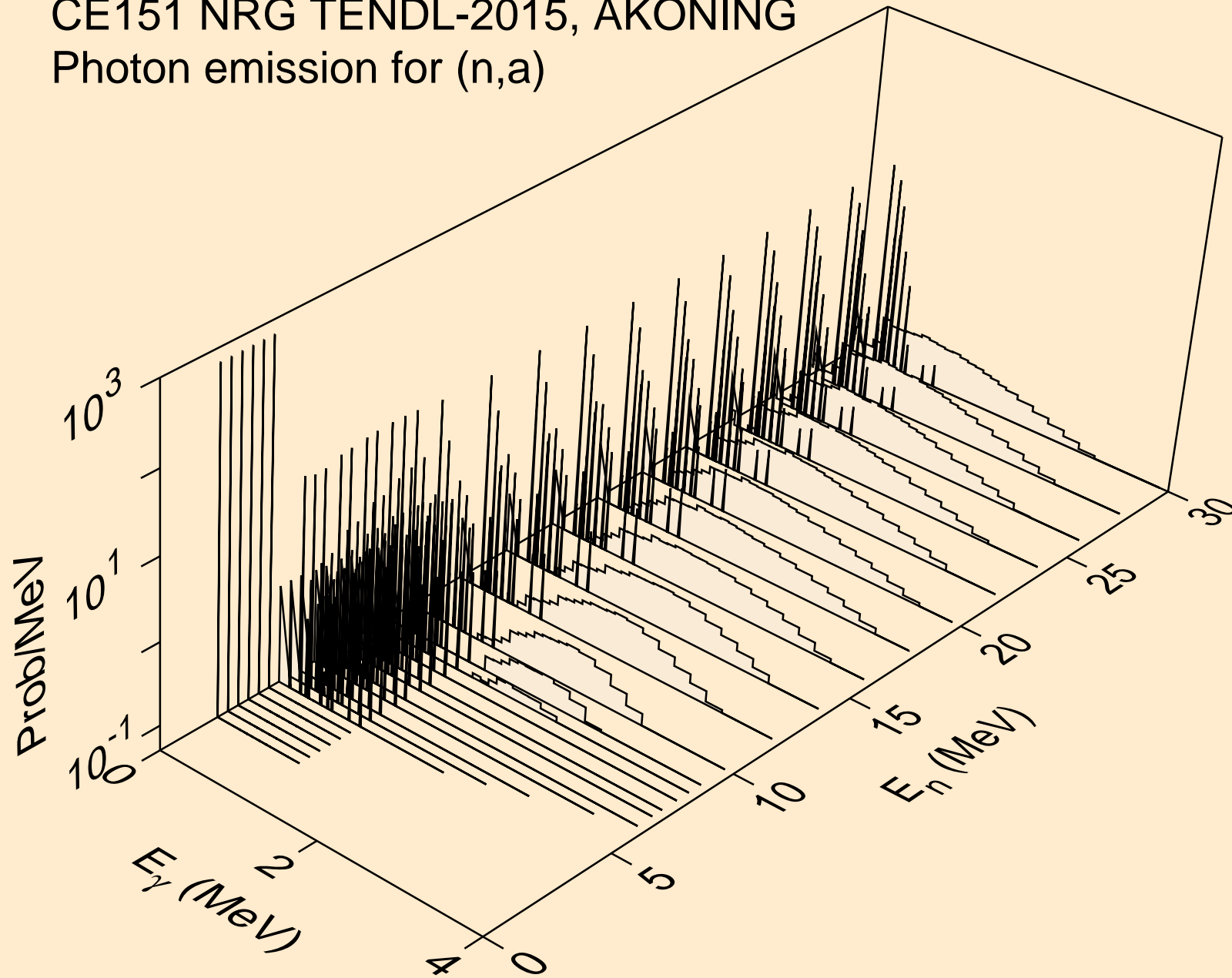




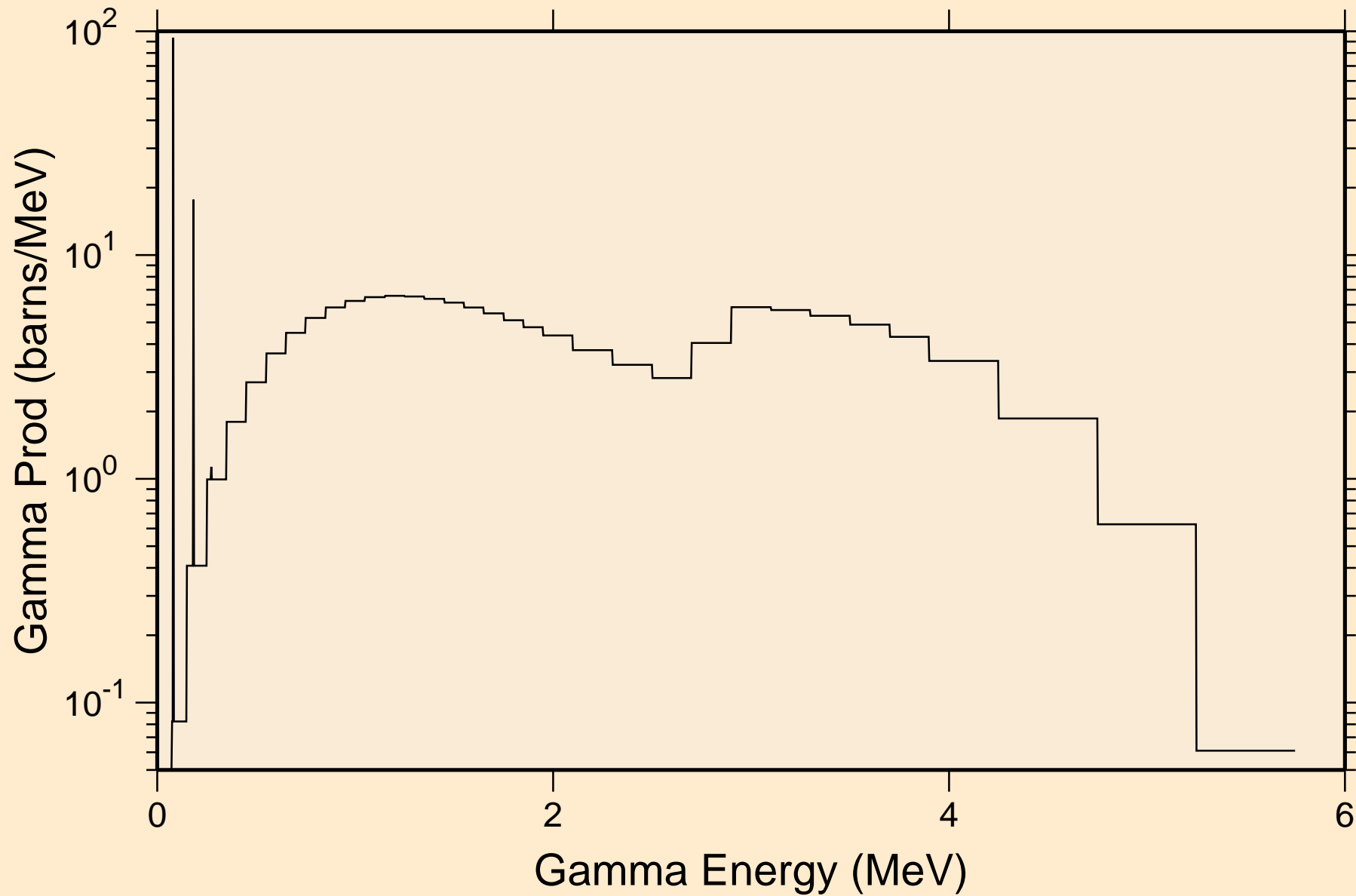
CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



CE151 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

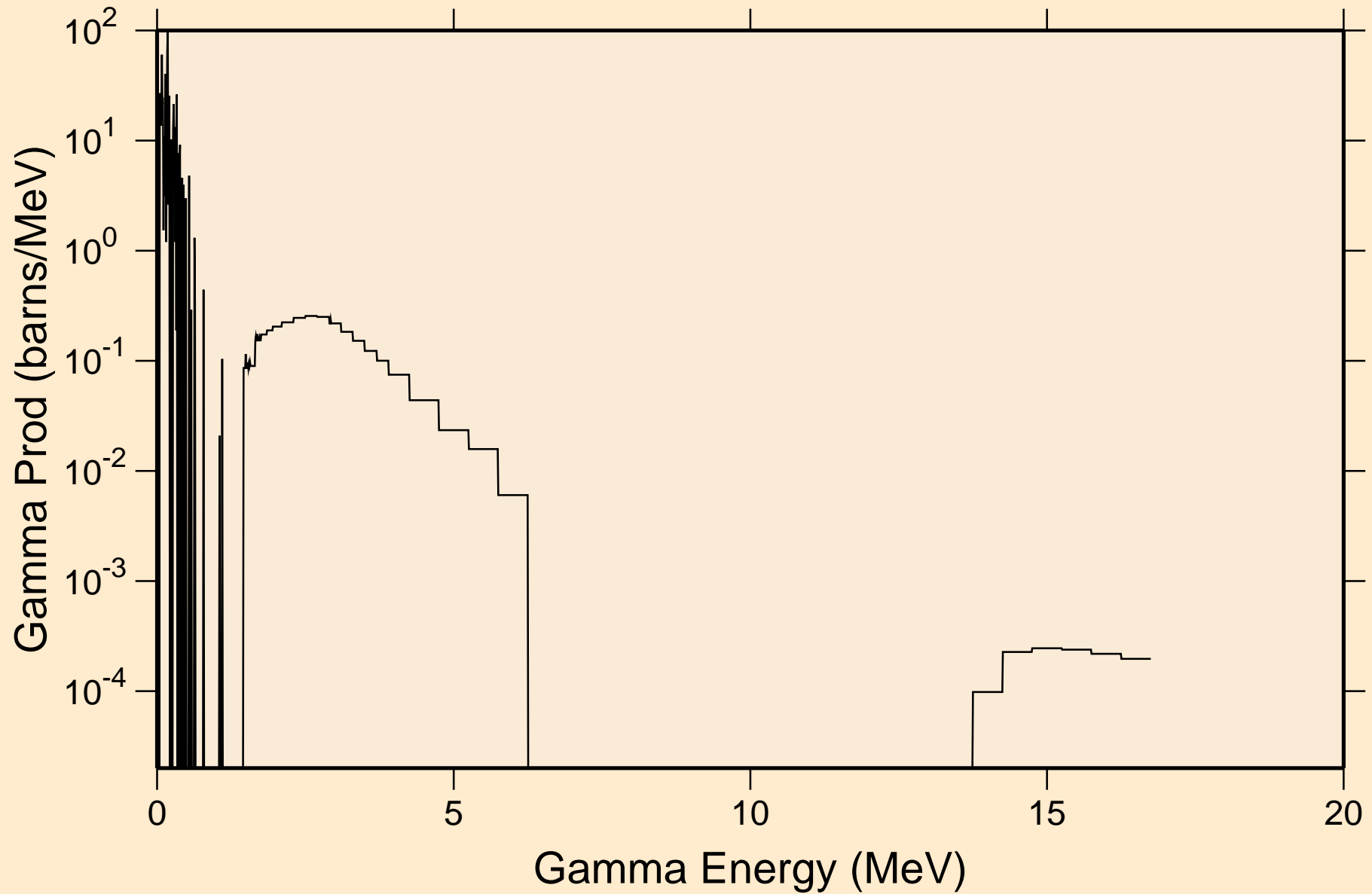


CE151 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



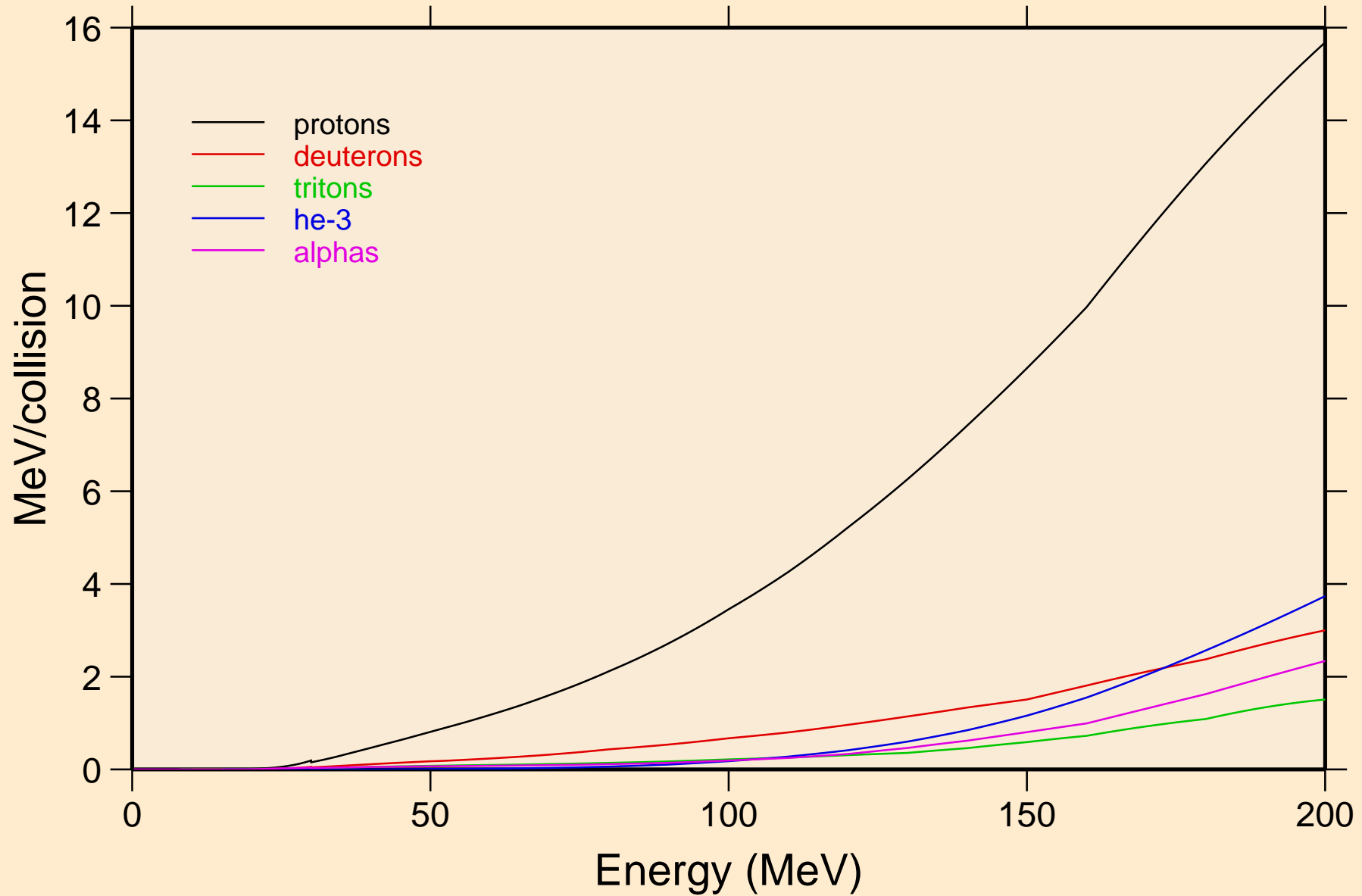
# CE151 NRG TENDL-2015, AKONING

## 14 MeV photon spectrum



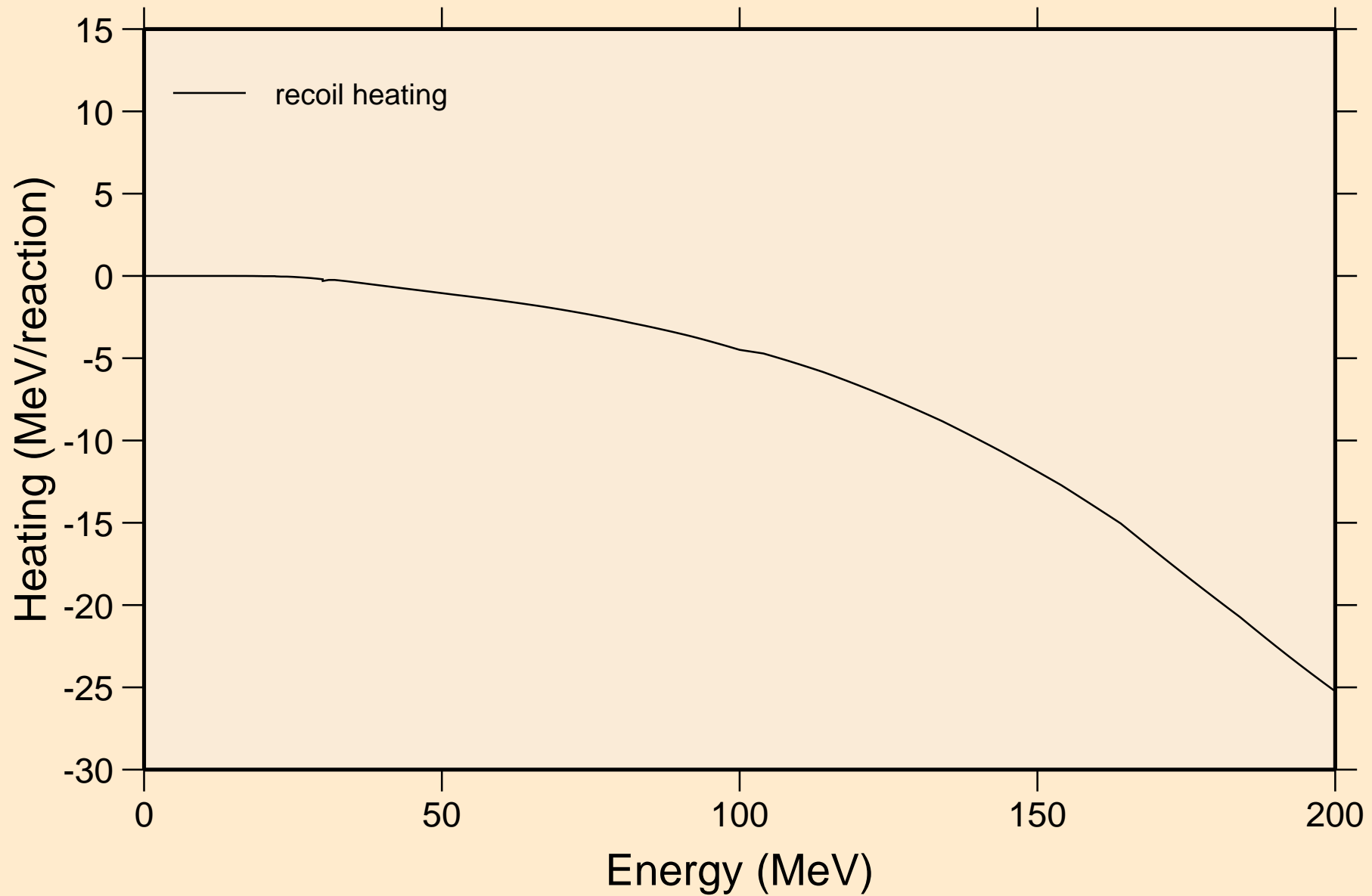
# CE151 NRG TENDL-2015, AKONING

## Particle heating contributions



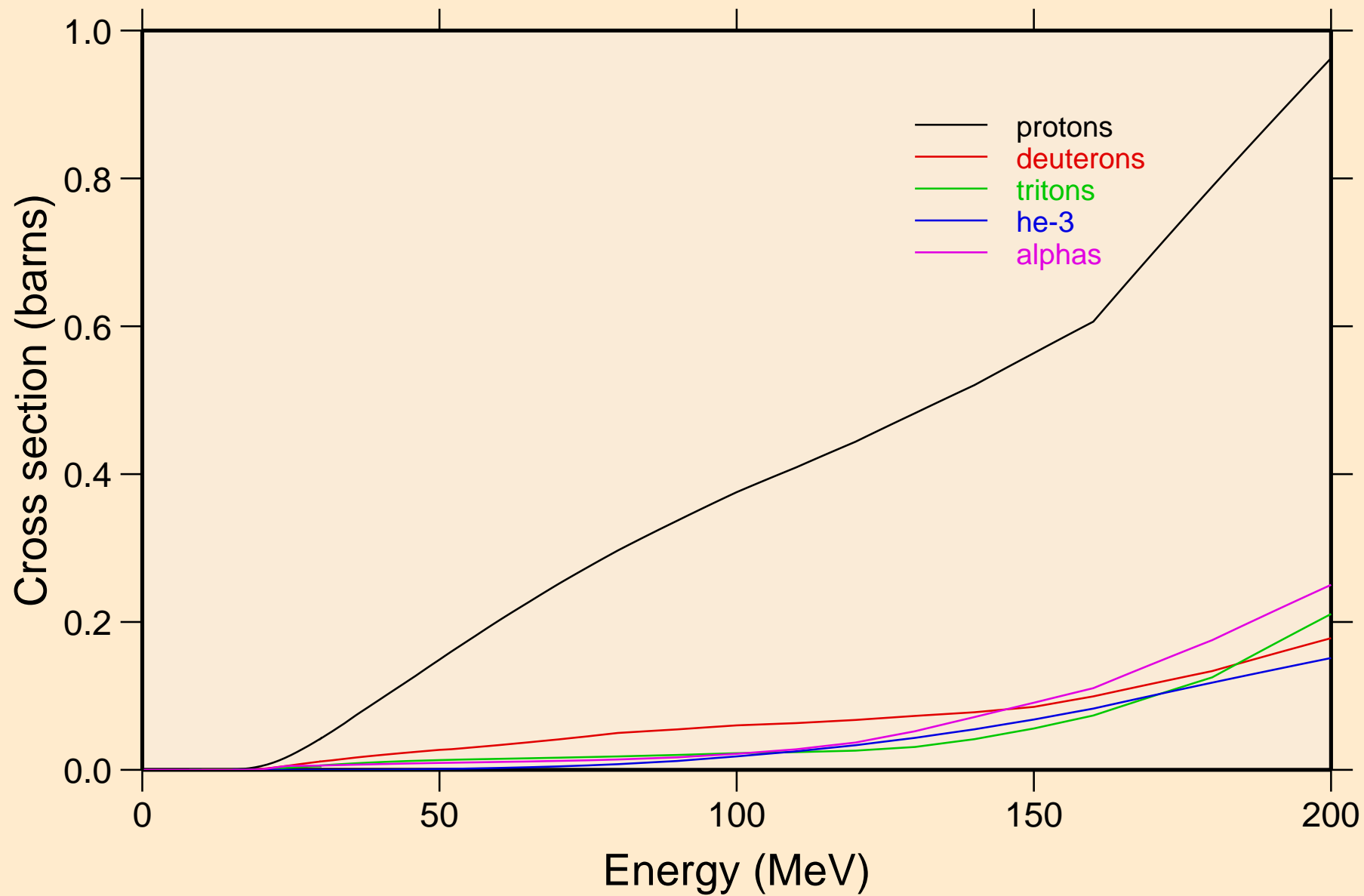
# CE151 NRG TENDL-2015, AKONING

## Recoil Heating

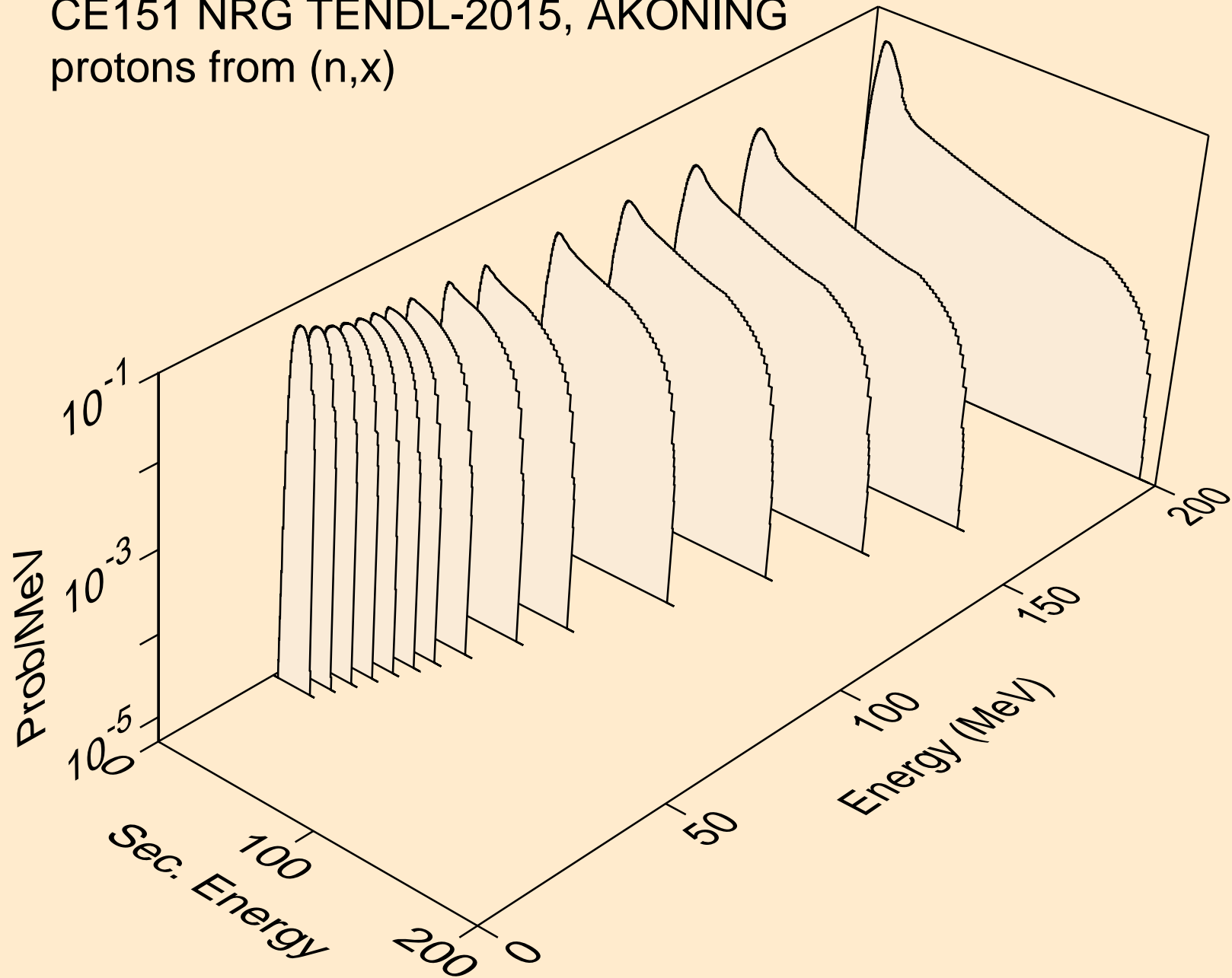


# CE151 NRG TENDL-2015, AKONING

## Particle production cross sections

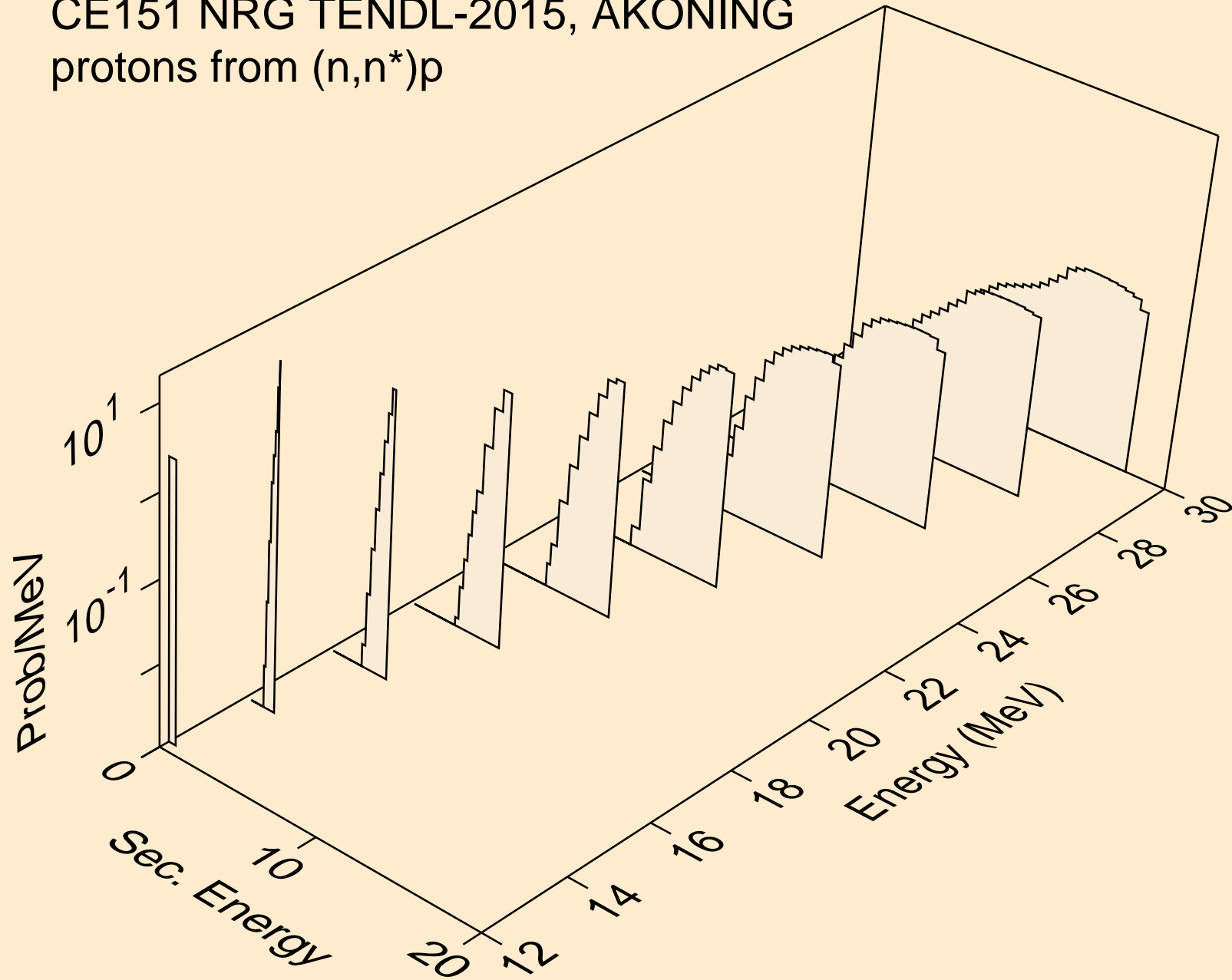


CE151 NRG TENDL-2015, AKONING  
protons from (n,x)

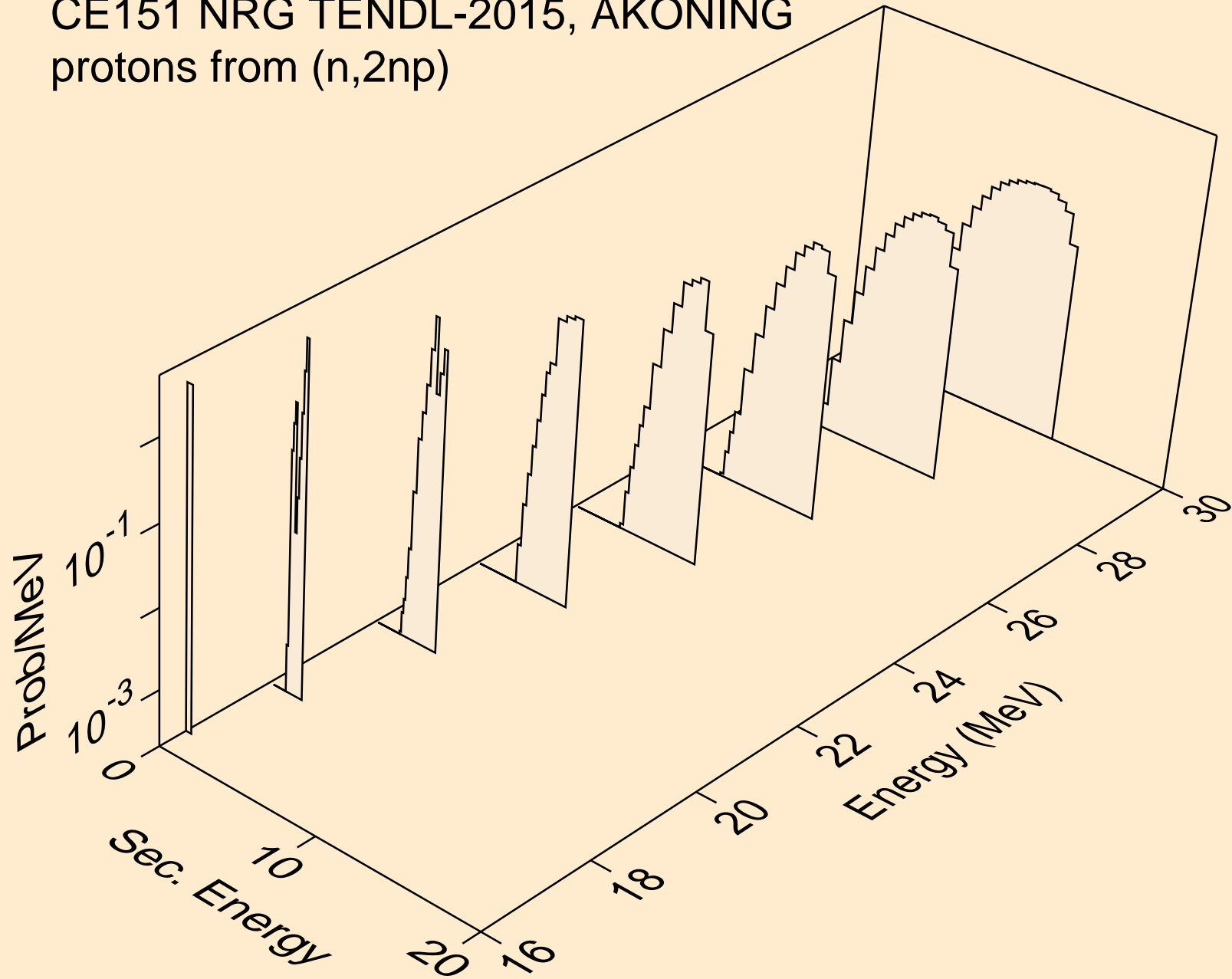




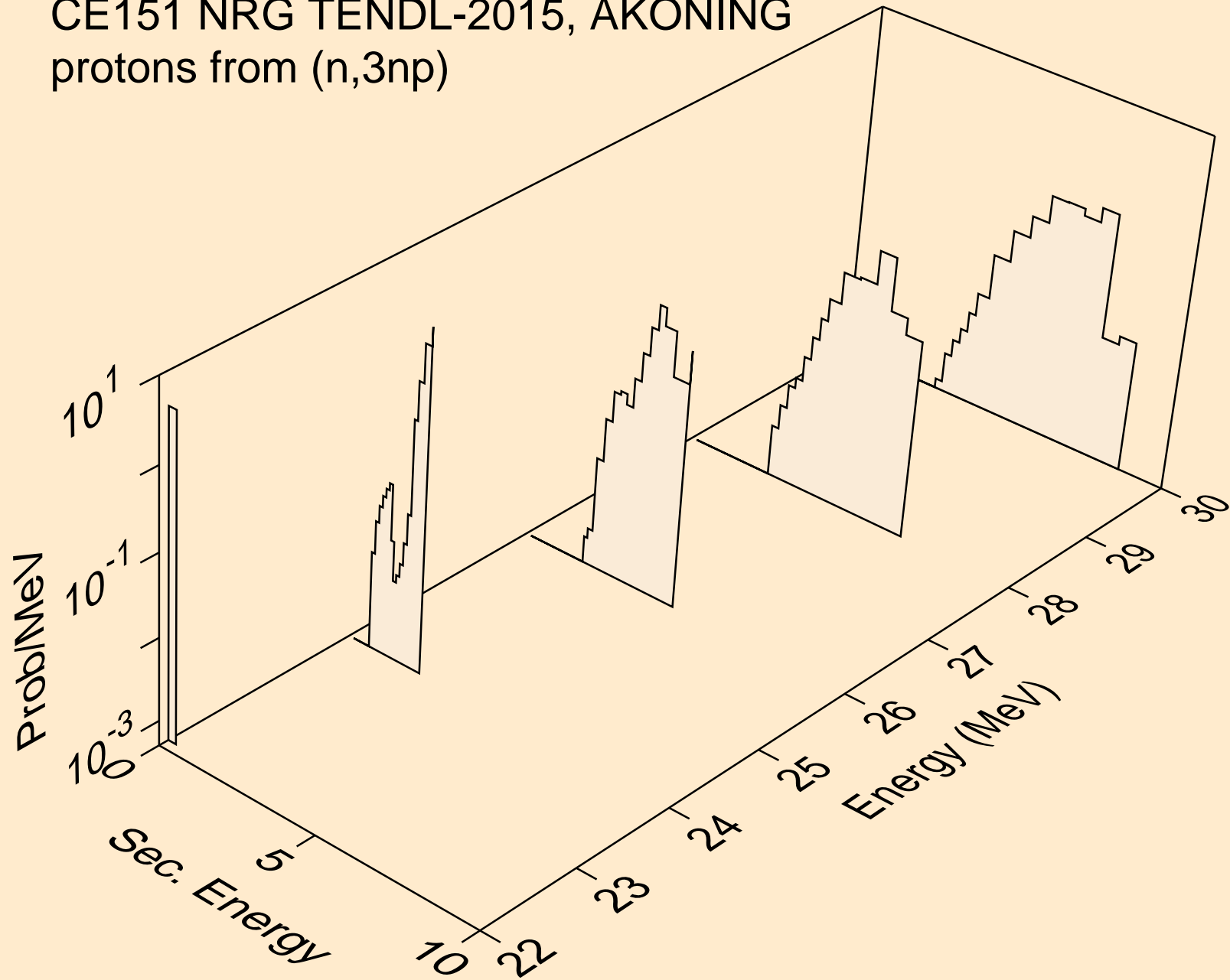
CE151 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



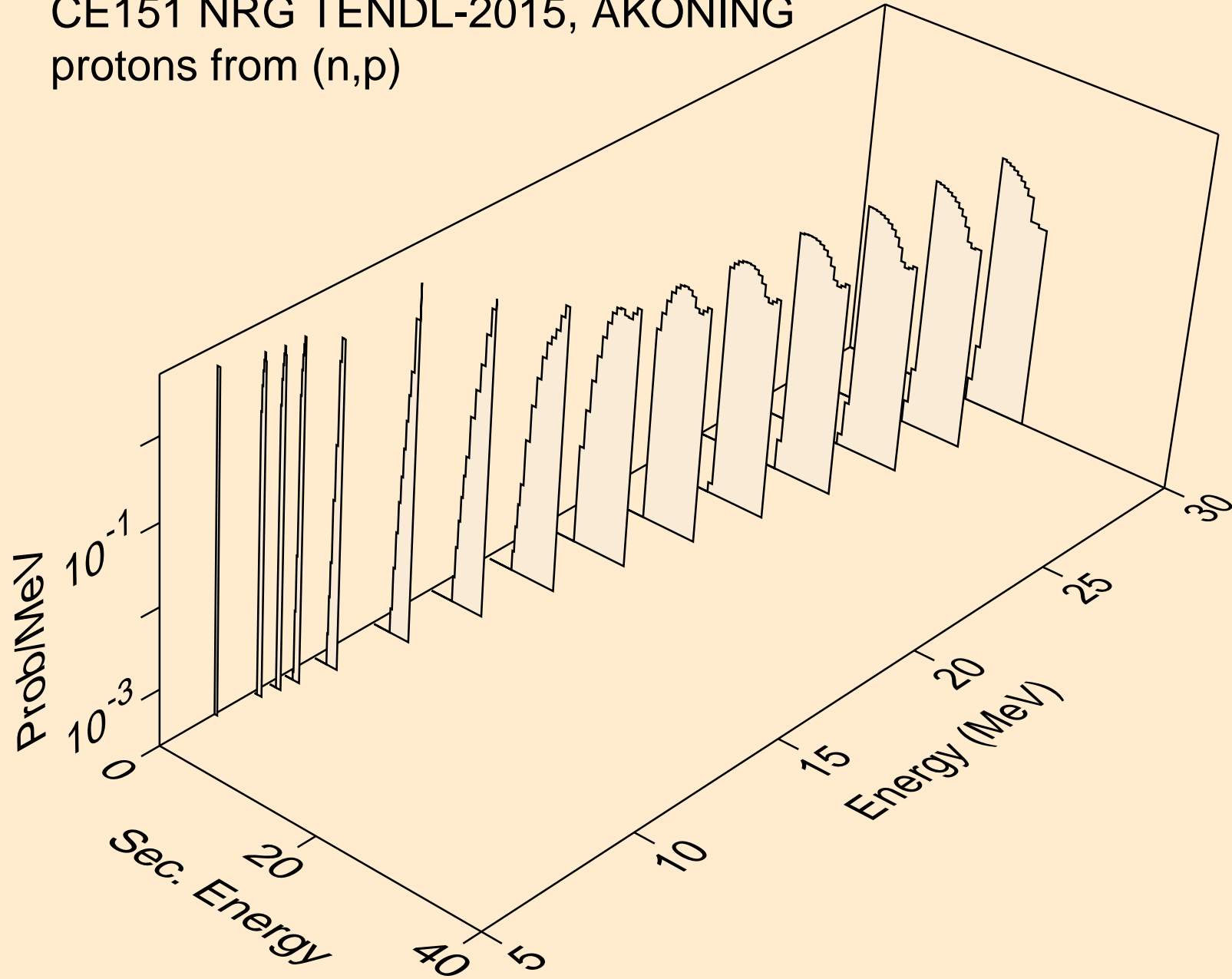
CE151 NRG TENDL-2015, AKONING  
protons from (n,2np)



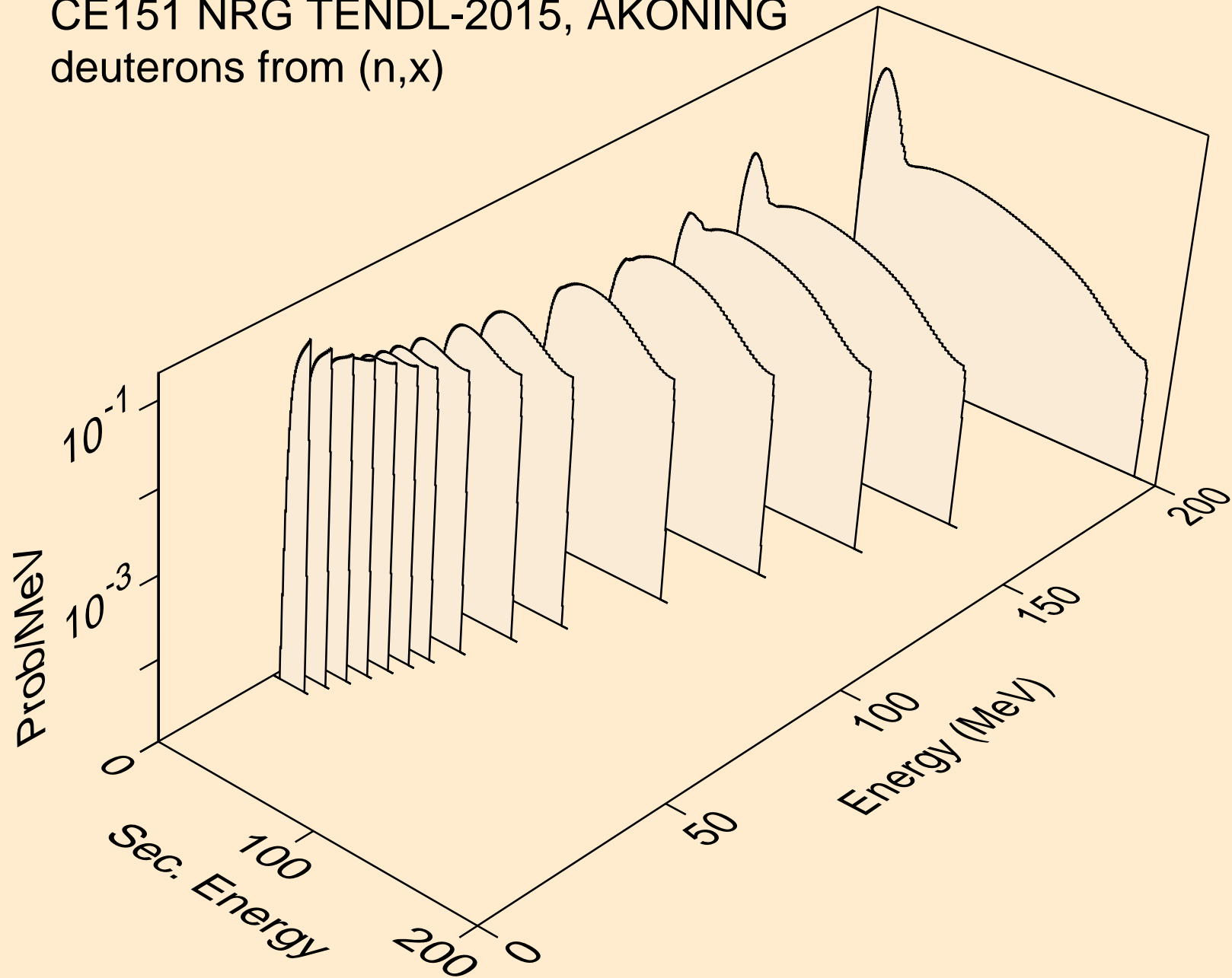
CE151 NRG TENDL-2015, AKONING  
protons from (n,3np)



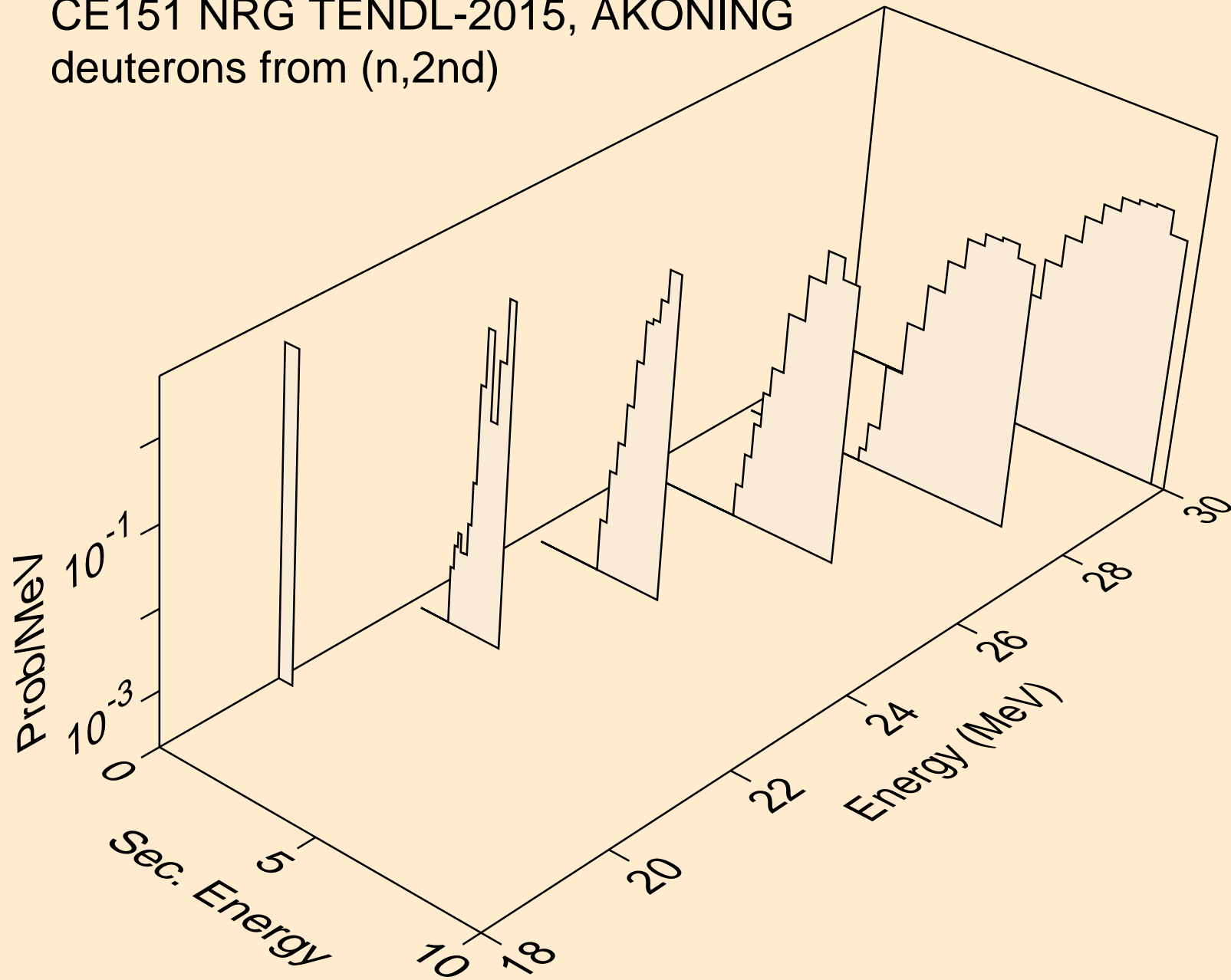
CE151 NRG TENDL-2015, AKONING  
protons from (n,p)



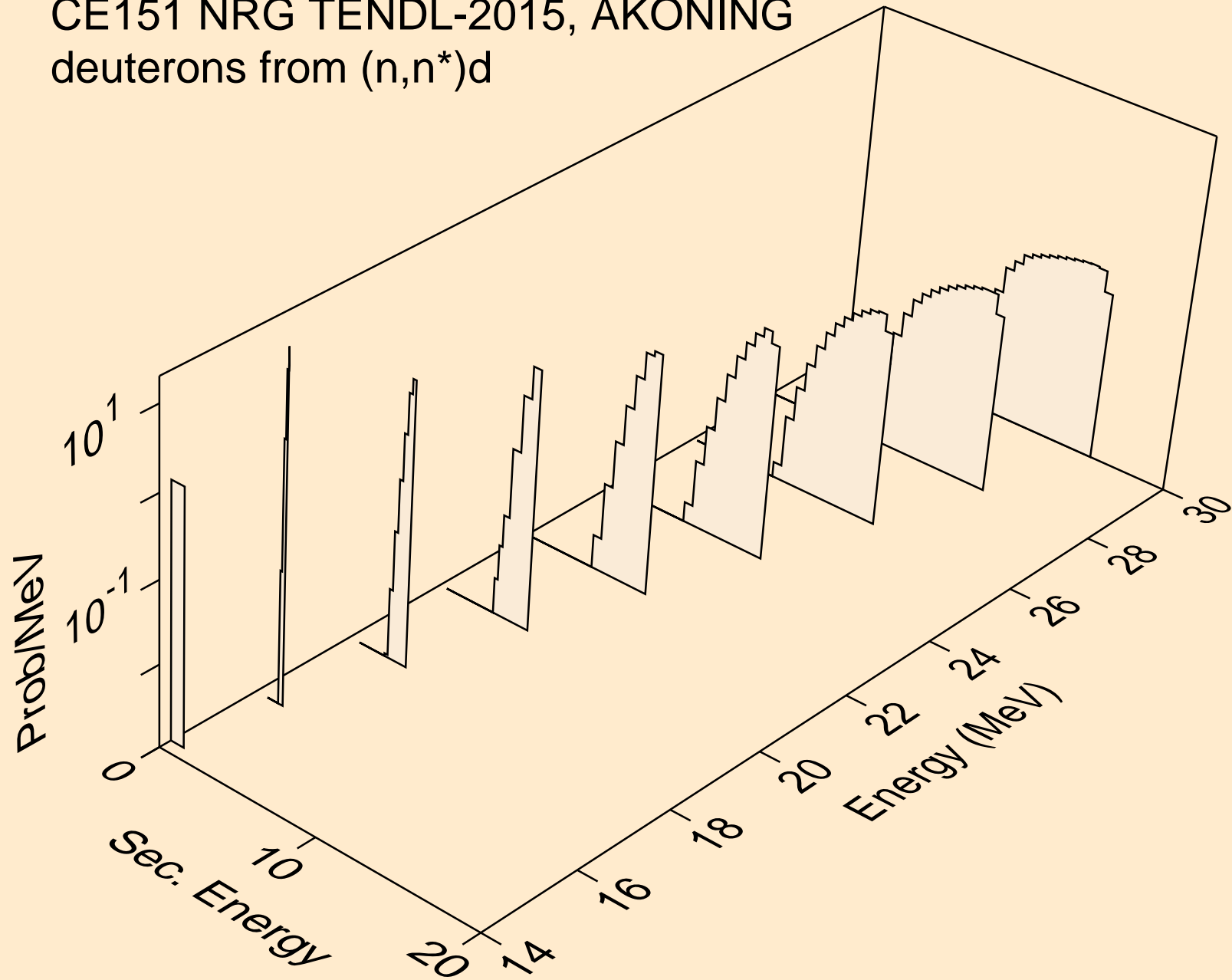
CE151 NRG TENDL-2015, AKONING  
deuterons from (n,x)



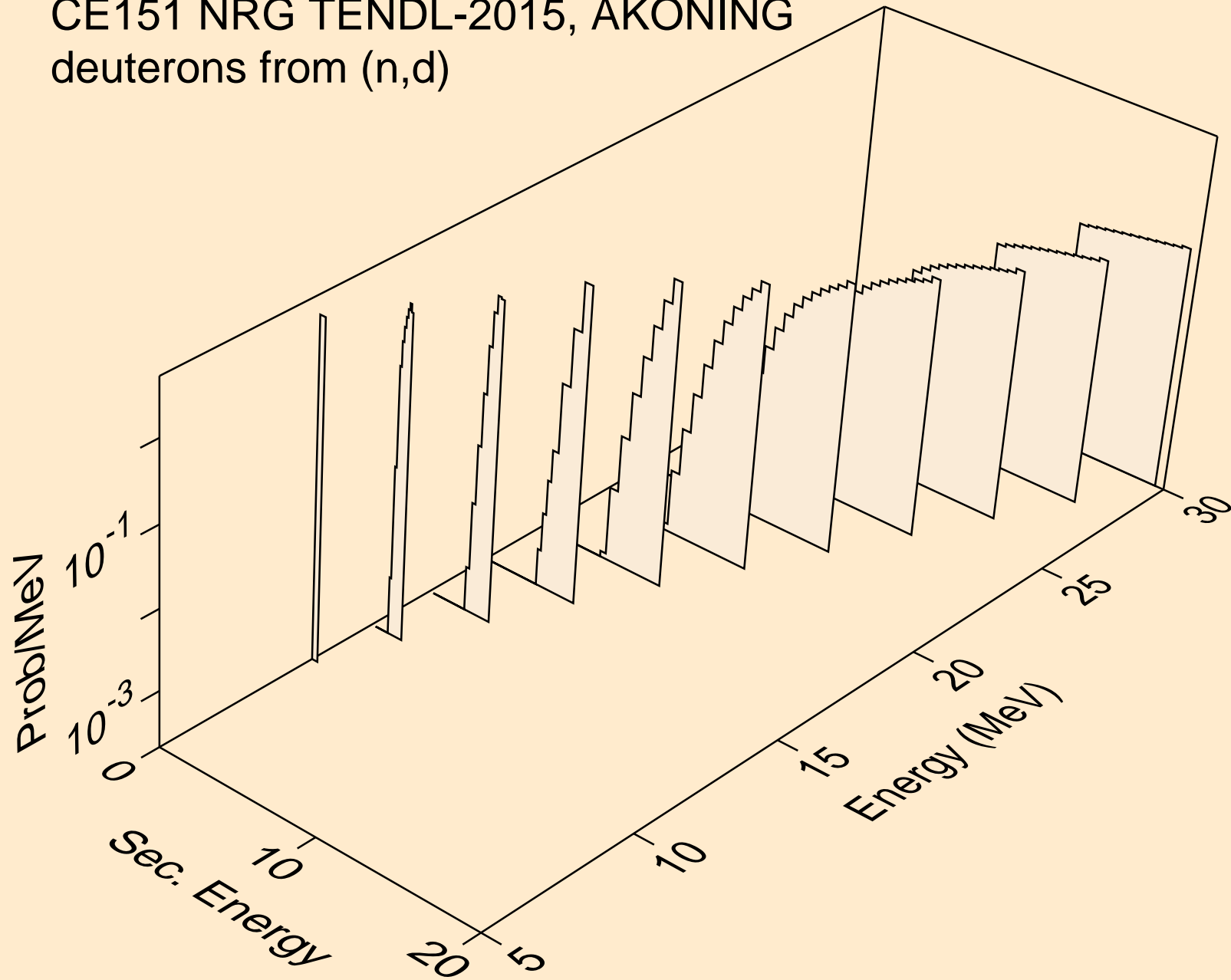
CE151 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



CE151 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

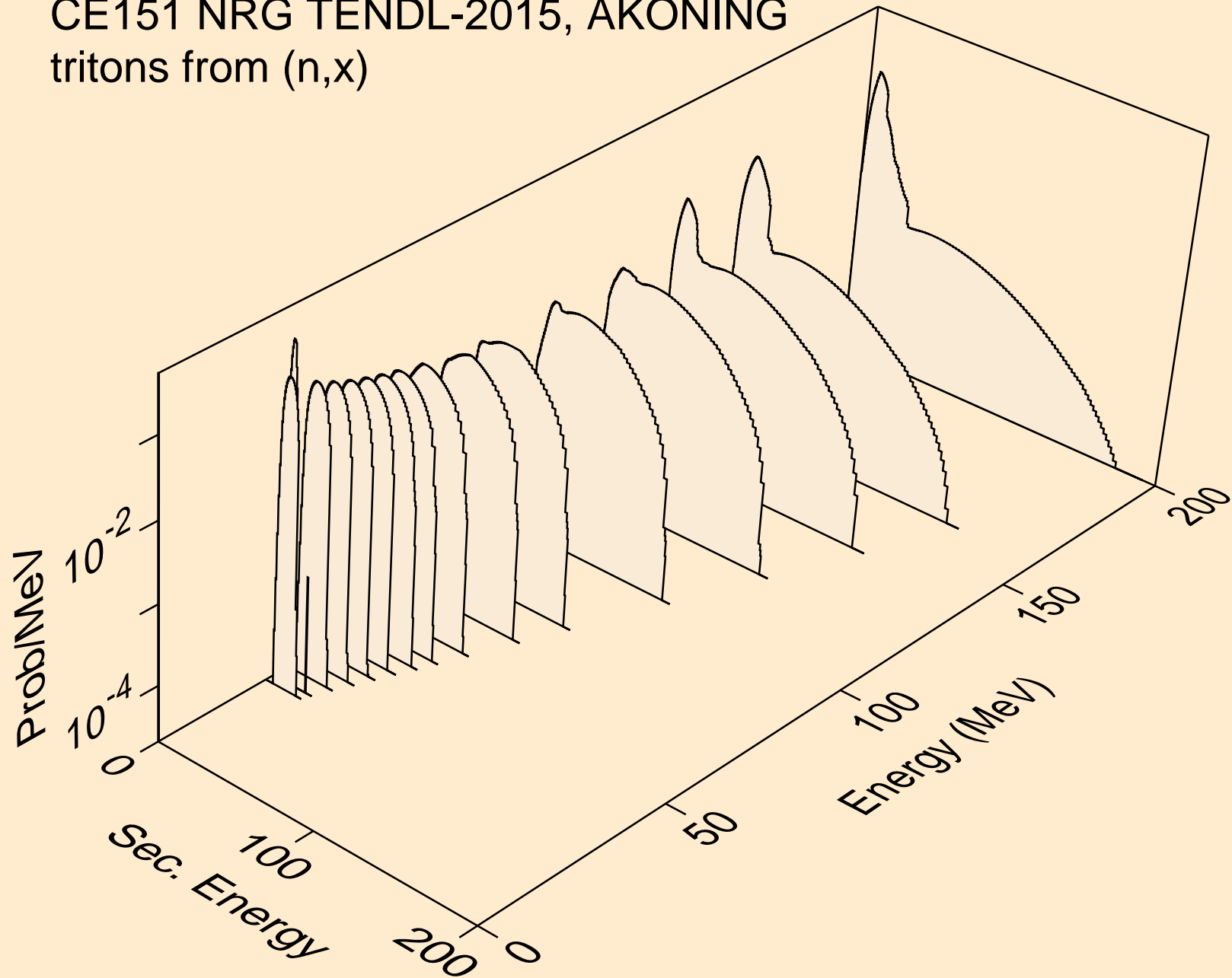


CE151 NRG TENDL-2015, AKONING  
deuterons from (n,d)

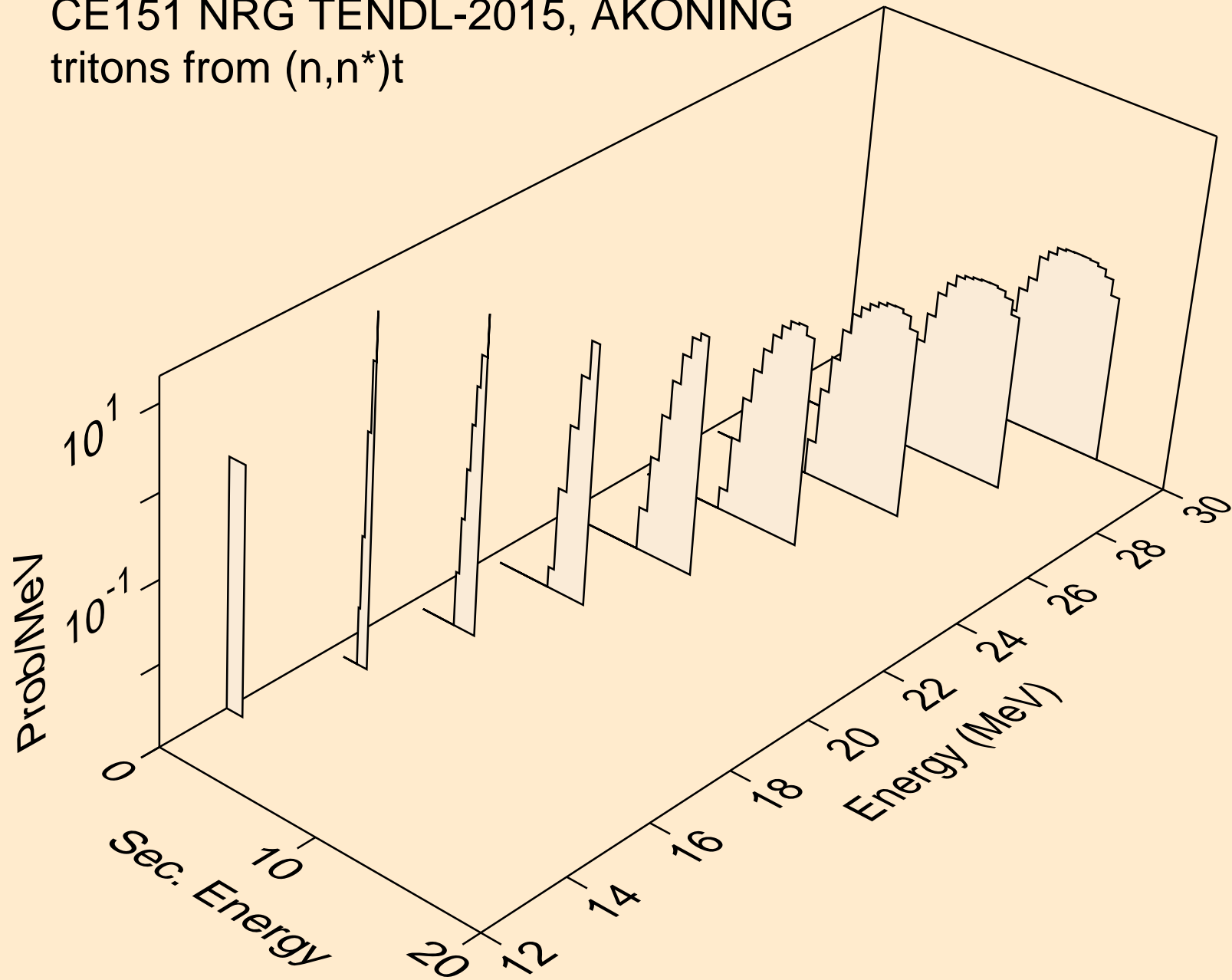




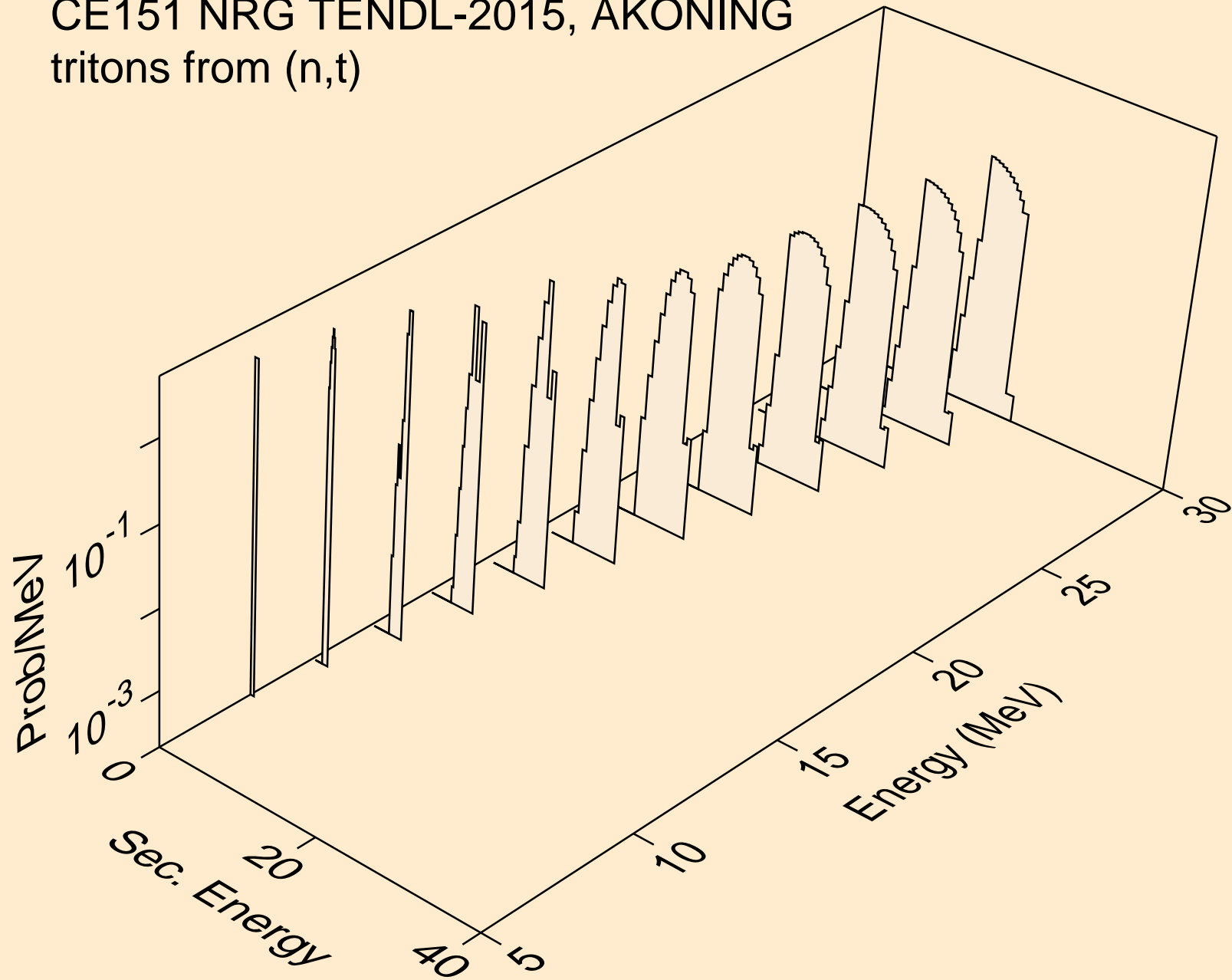
CE151 NRG TENDL-2015, AKONING  
tritons from (n,x)



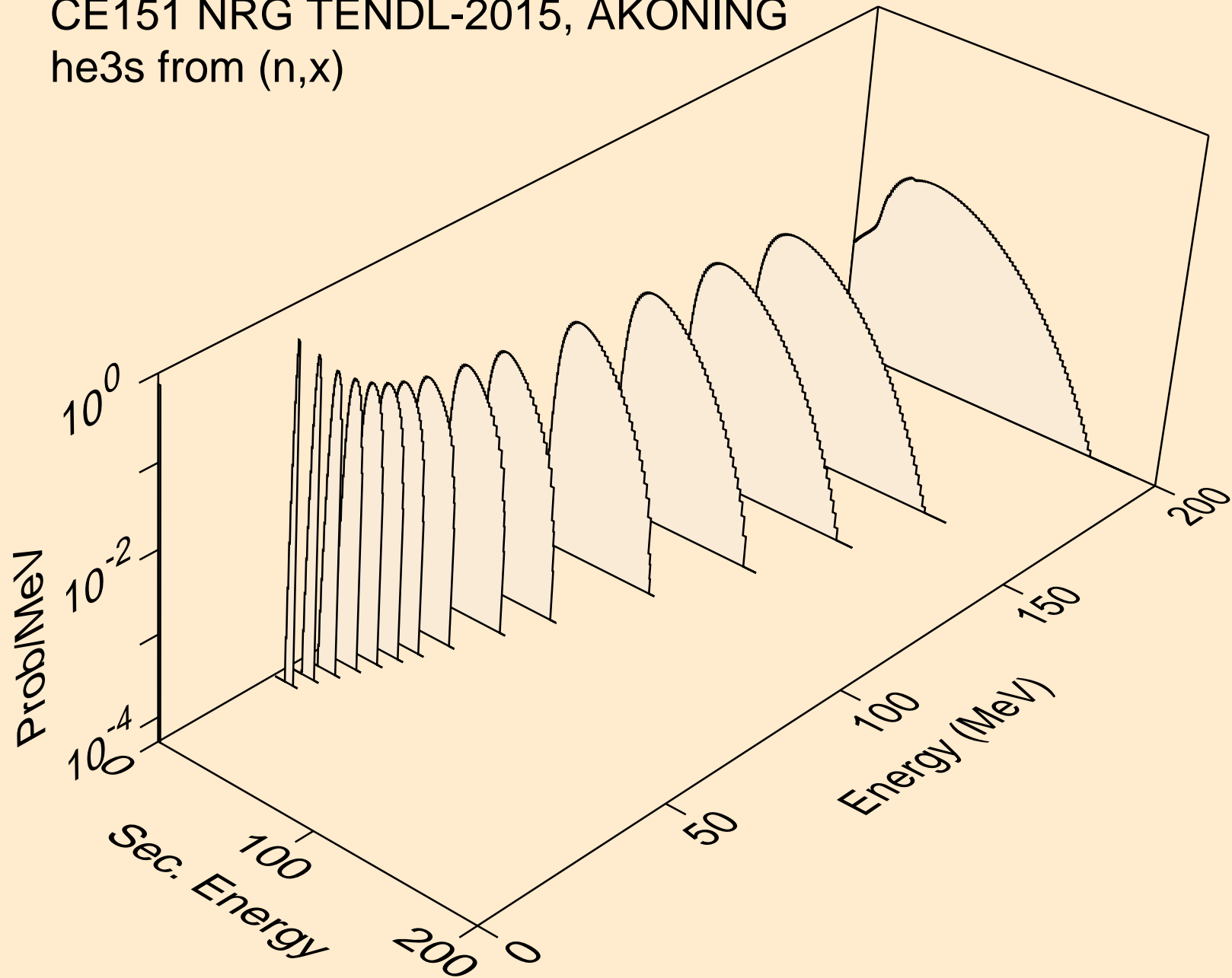
CE151 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



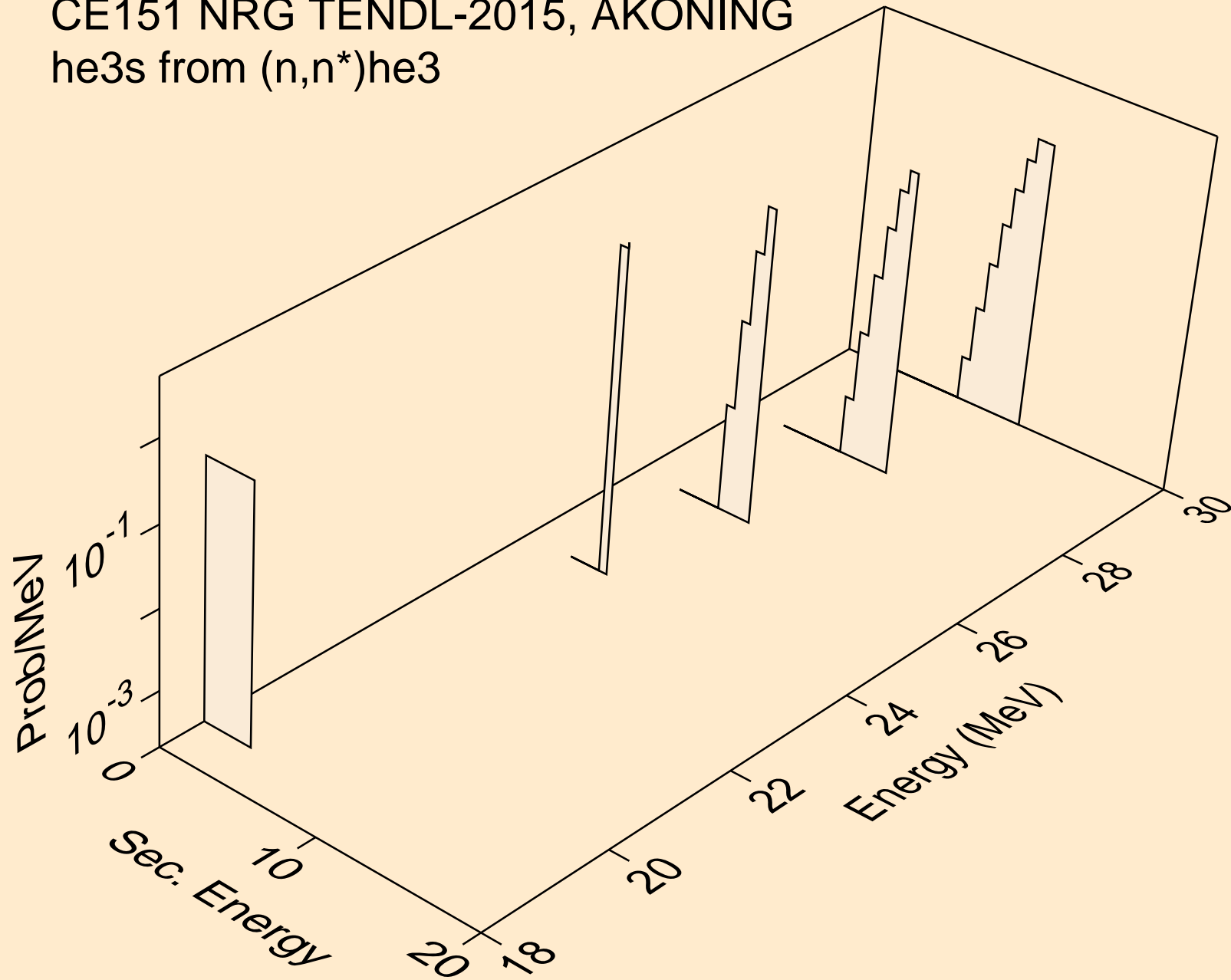
CE151 NRG TENDL-2015, AKONING  
tritons from (n,t)



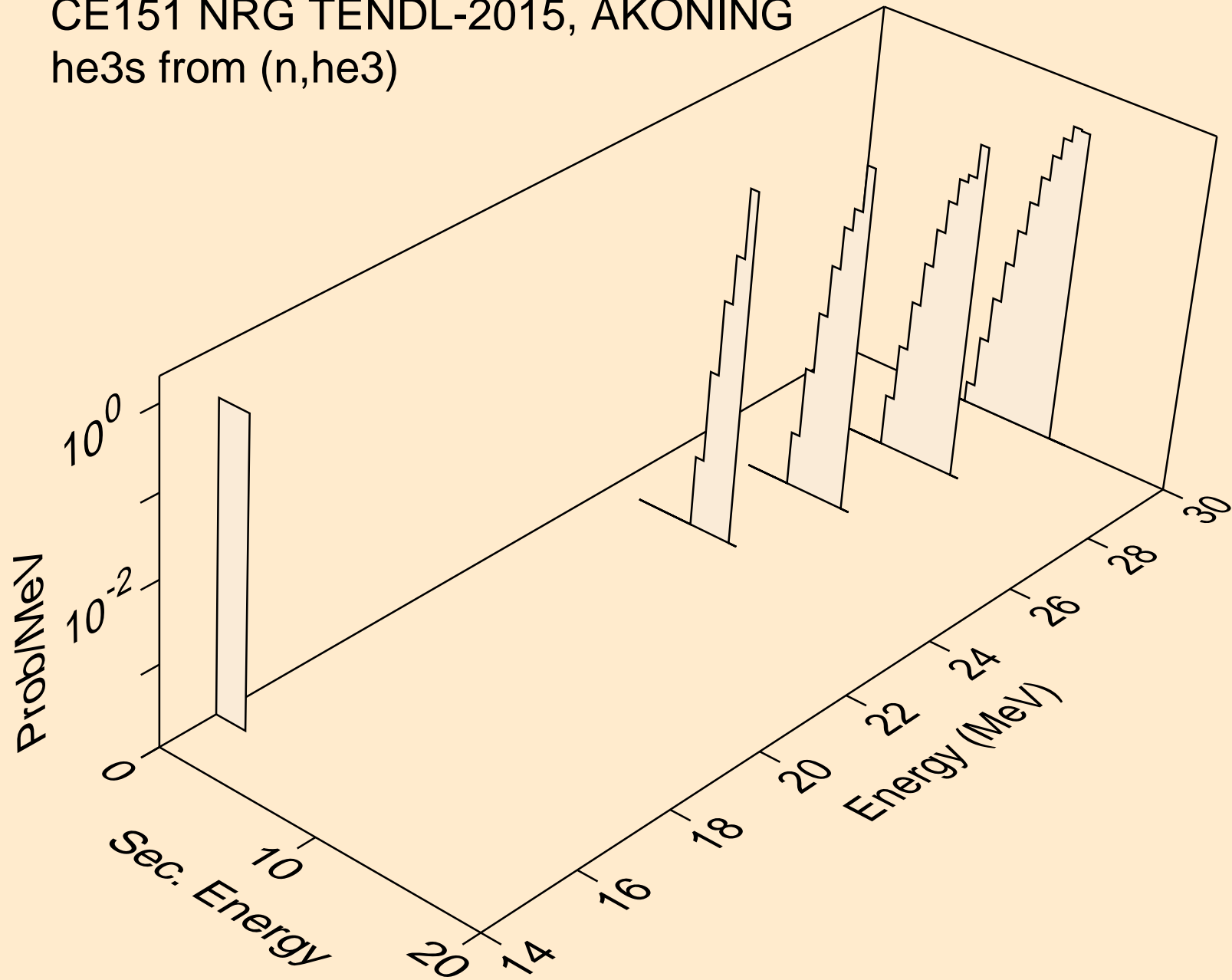
CE151 NRG TENDL-2015, AKONING  
he3s from (n,x)



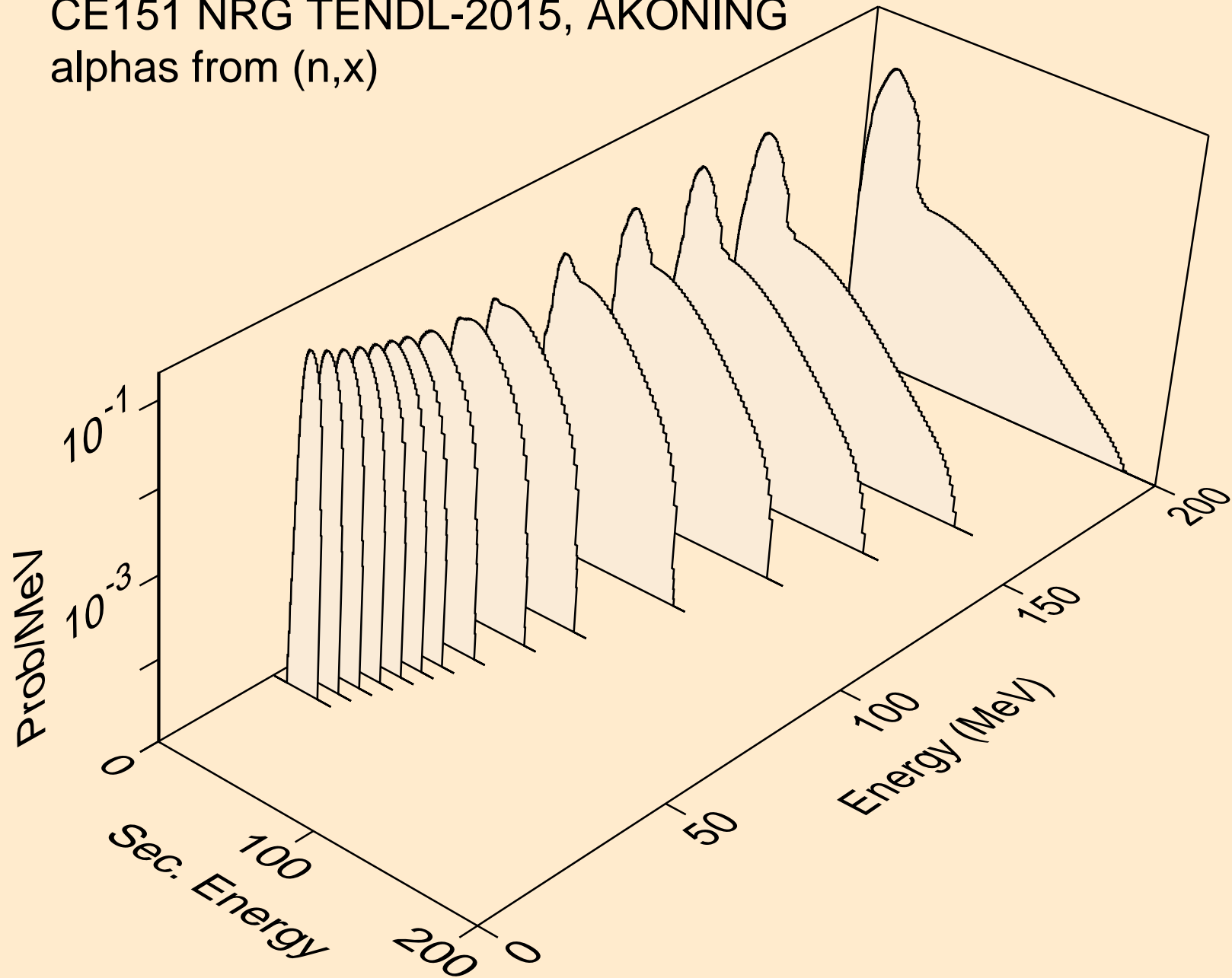
CE151 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



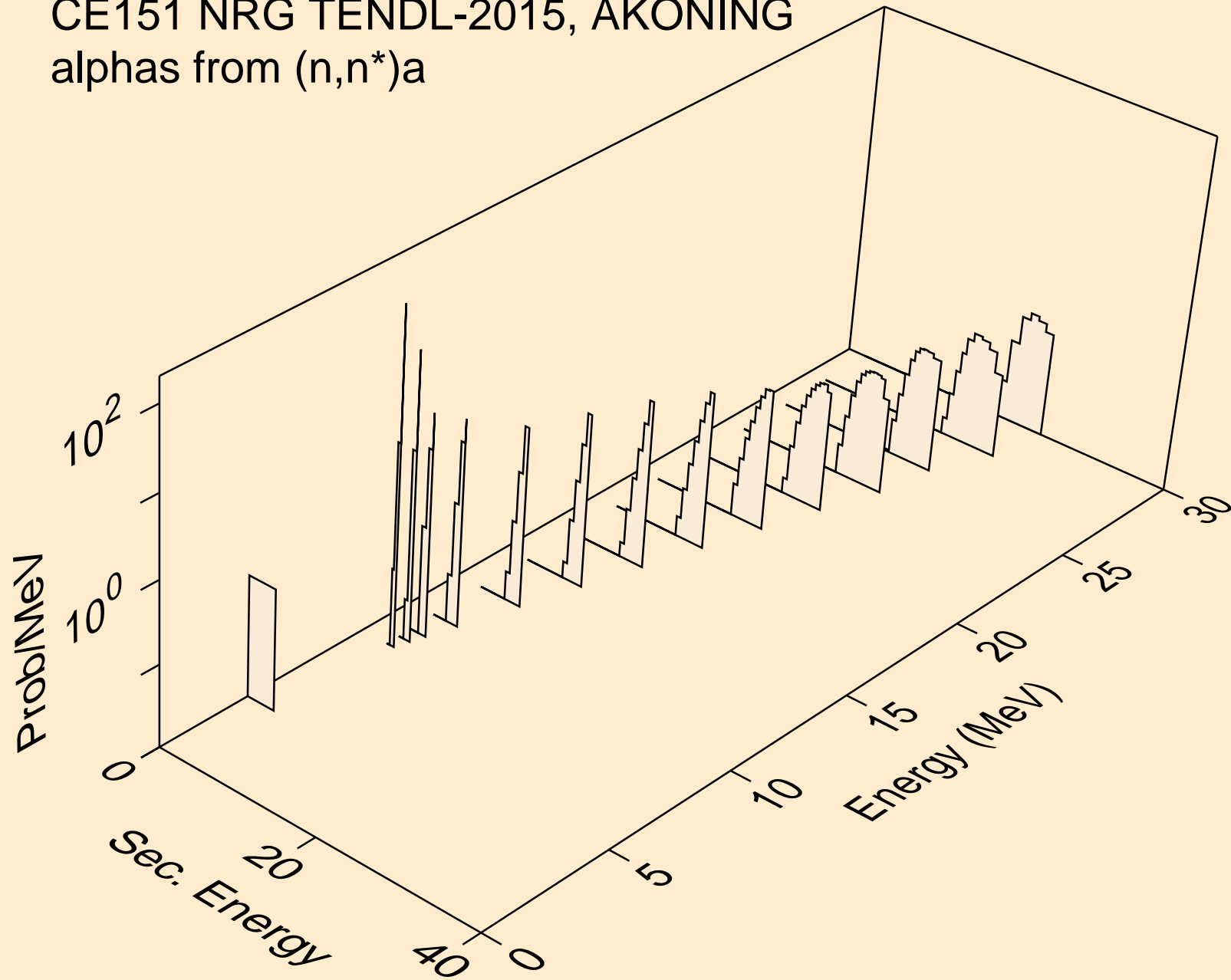
CE151 NRG TENDL-2015, AKONING  
he3s from (n,he3)



CE151 NRG TENDL-2015, AKONING  
alphas from (n,x)

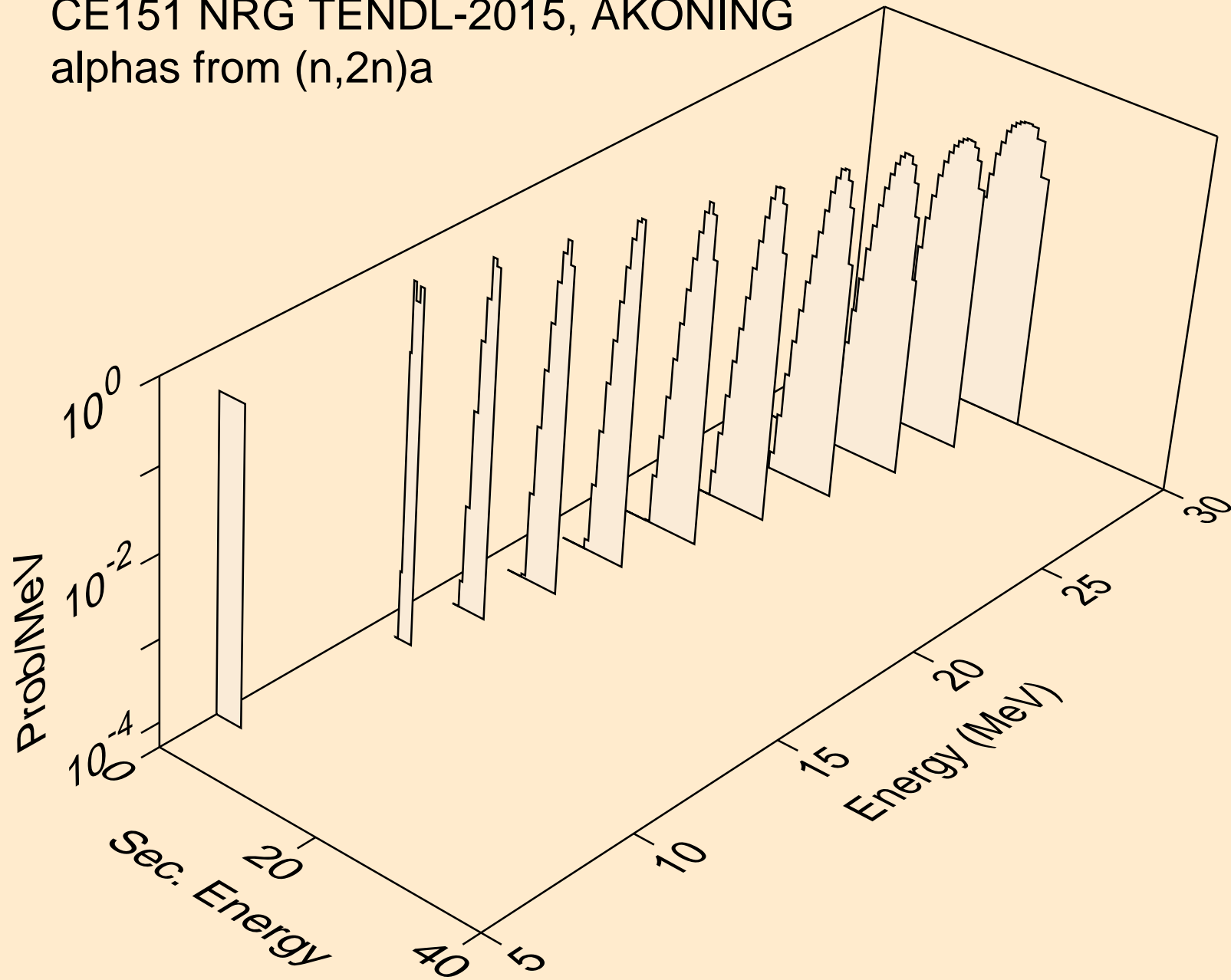


CE151 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

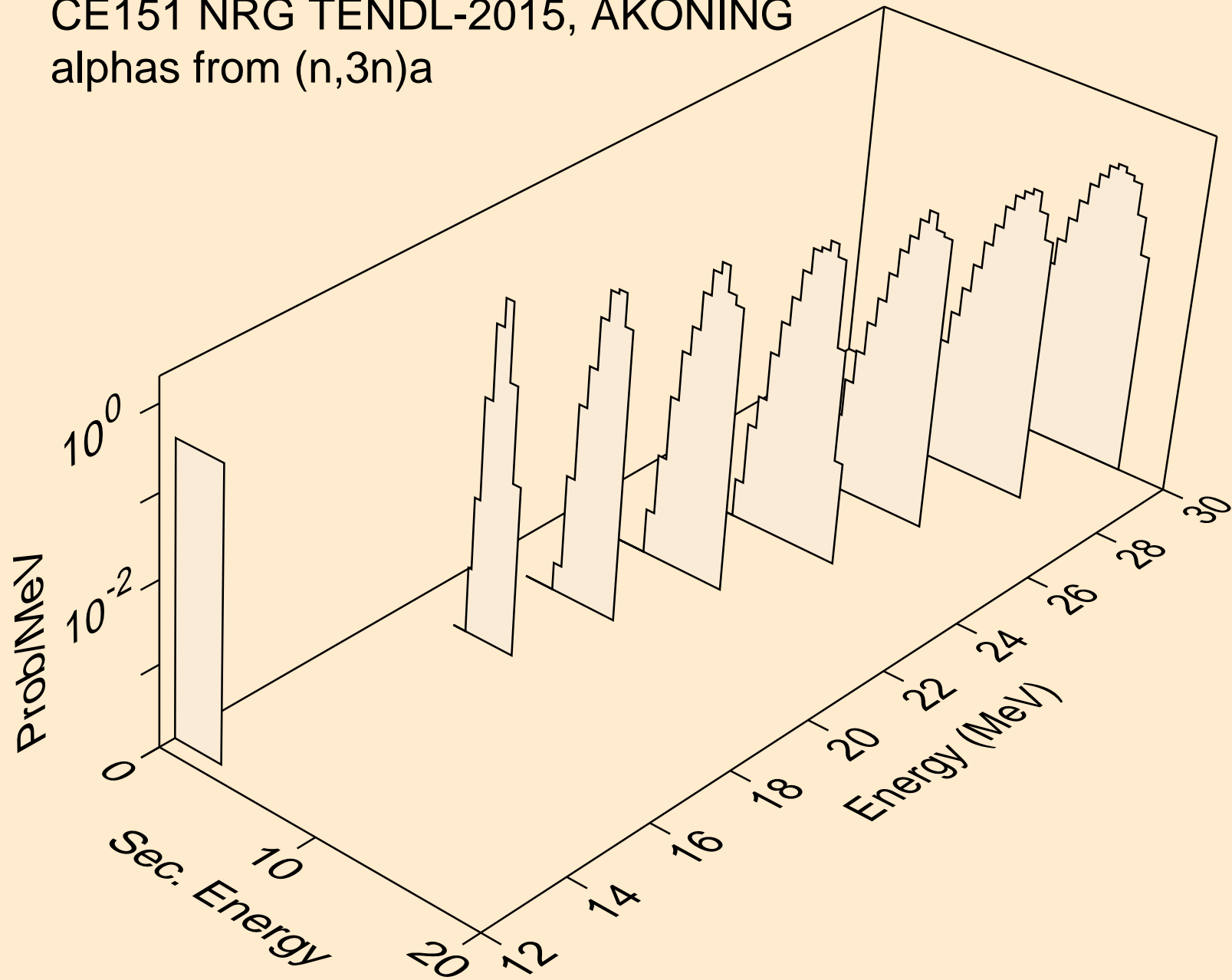




CE151 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



CE151 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



CE151 NRG TENDL-2015, AKONING  
alphas from (n,a)

