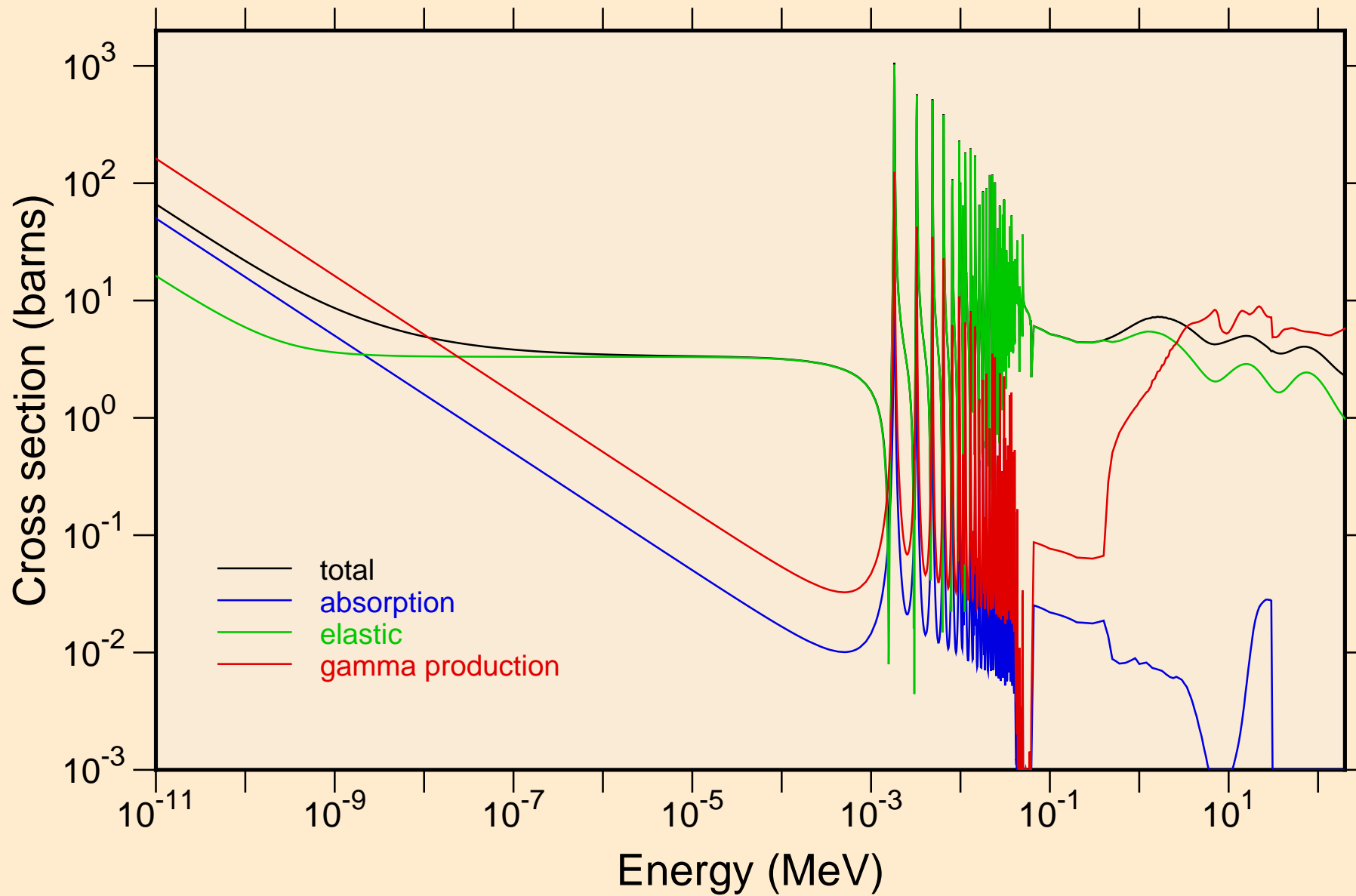
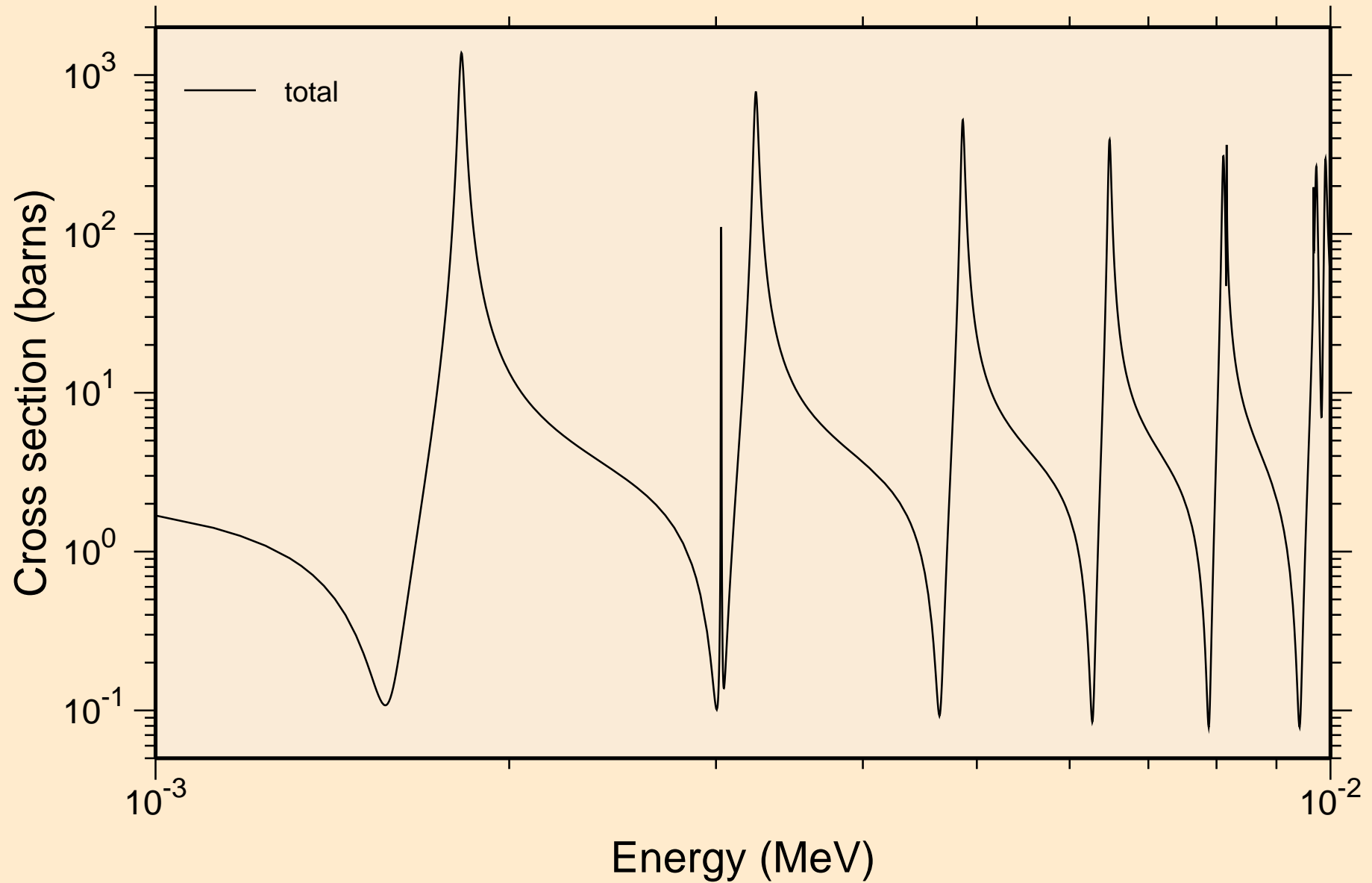


# CE144 NRG TENDL-2015, AKONING

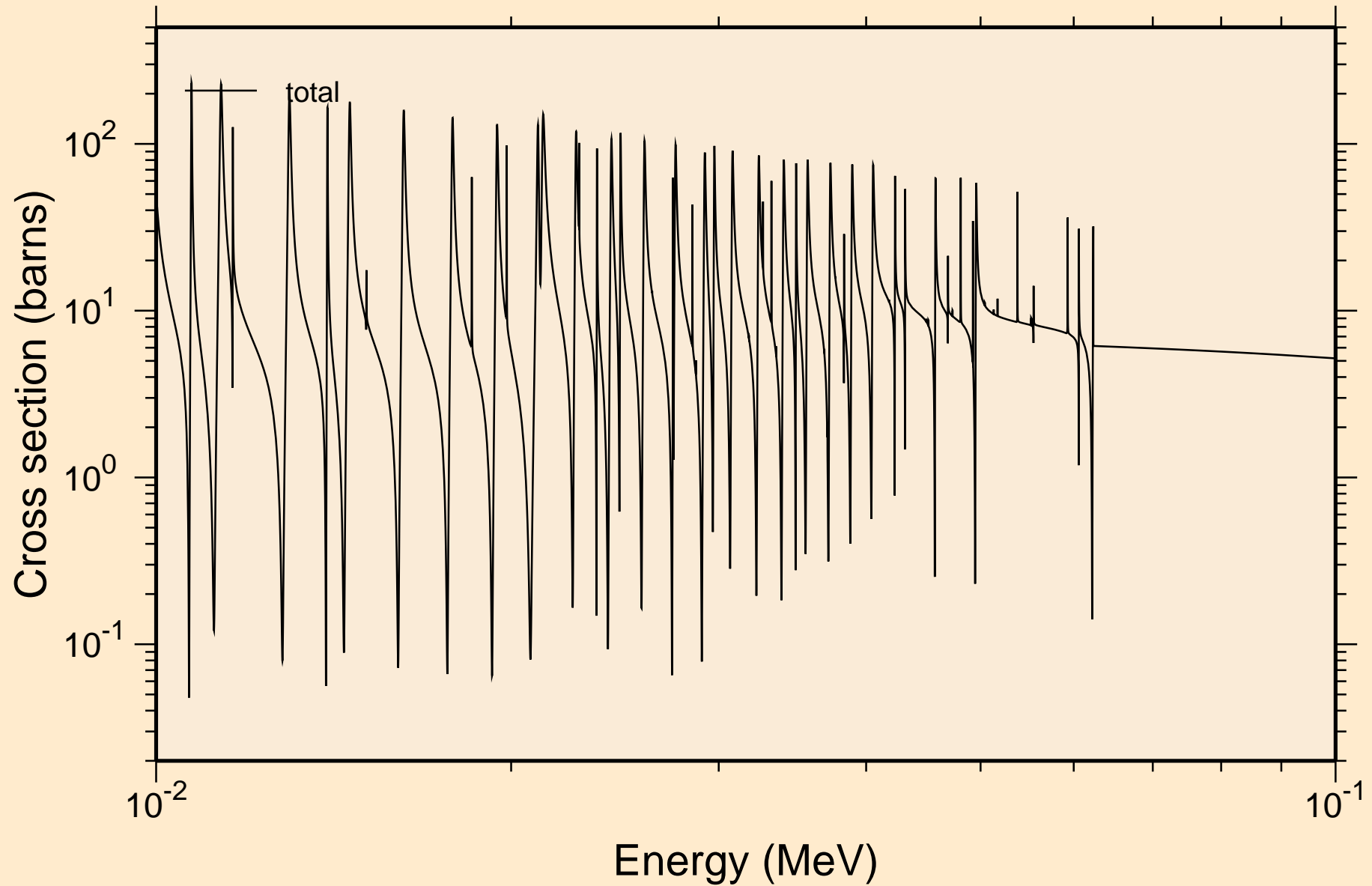
## Principal cross sections



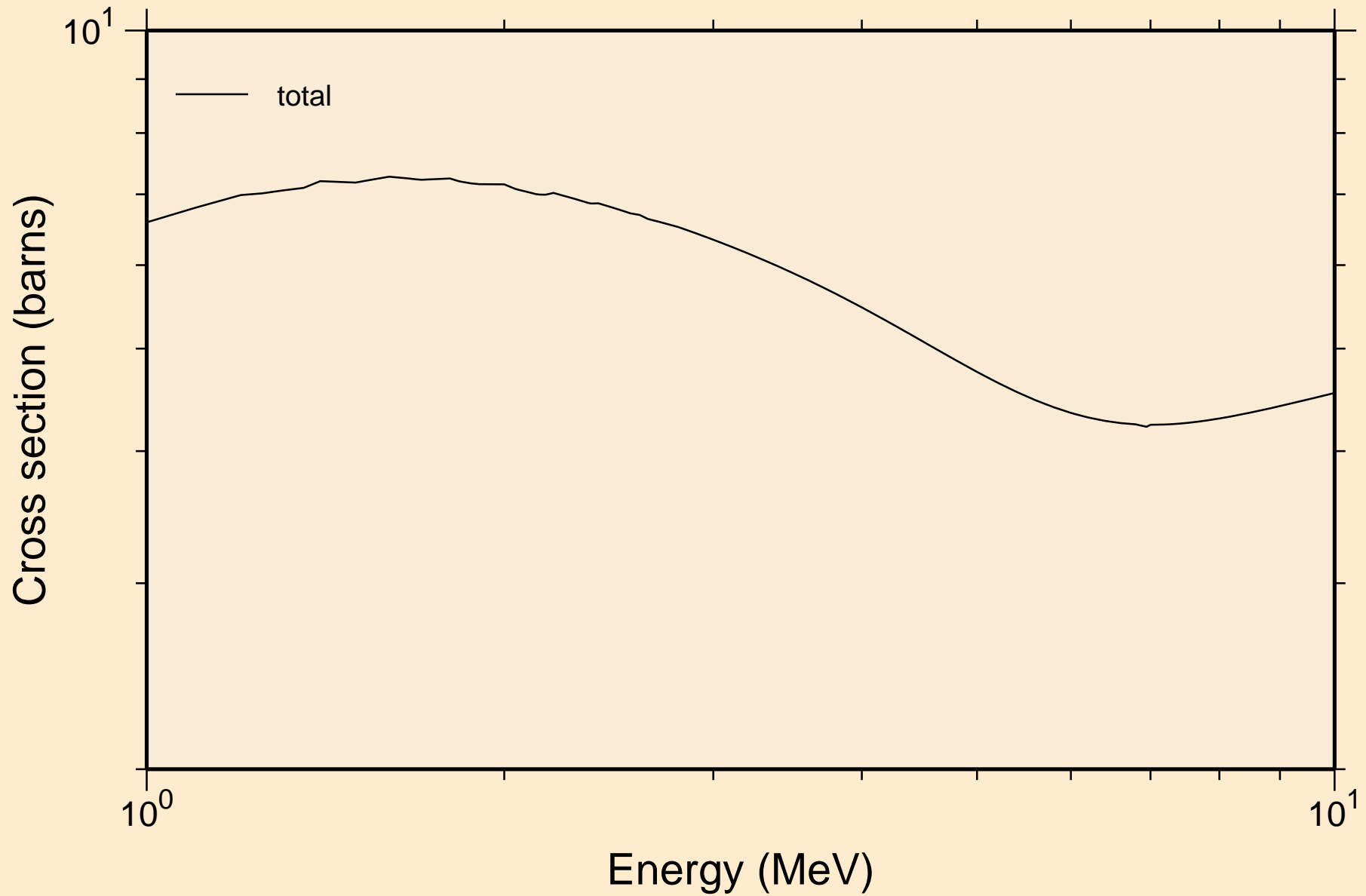
CE144 NRG TENDL-2015, AKONING  
resonance total cross section



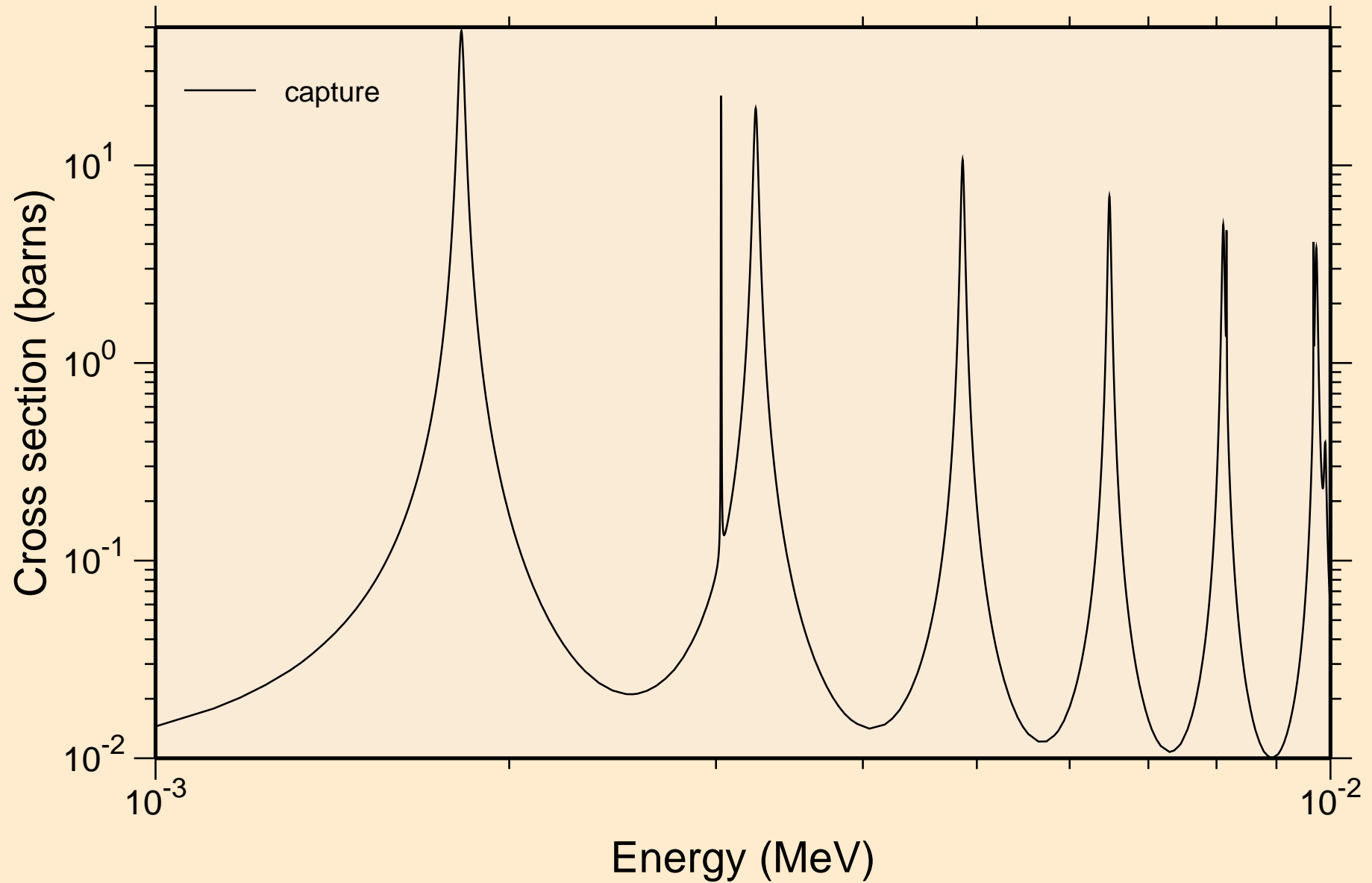
CE144 NRG TENDL-2015, AKONING  
resonance total cross section



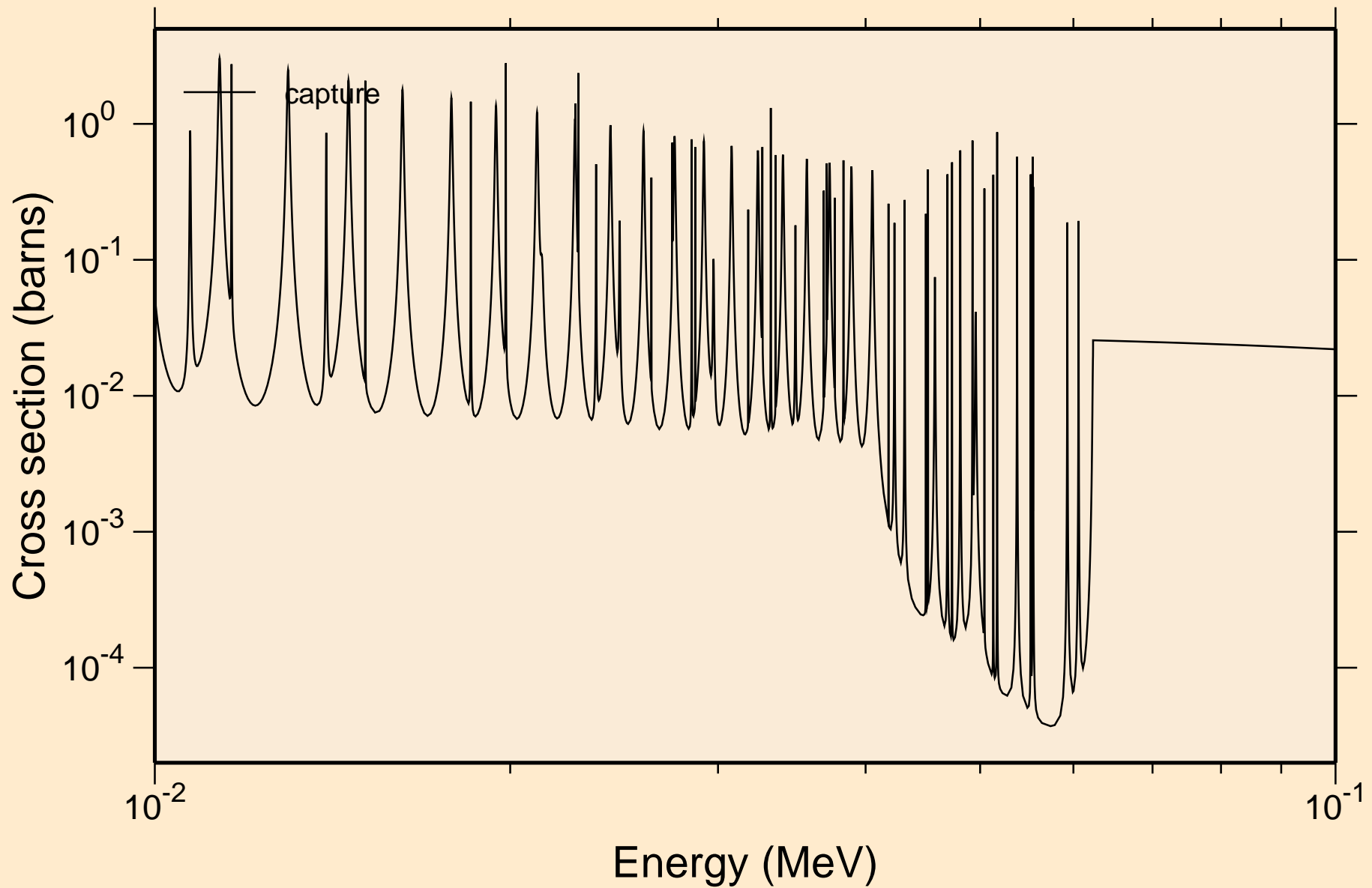
CE144 NRG TENDL-2015, AKONING  
resonance total cross section



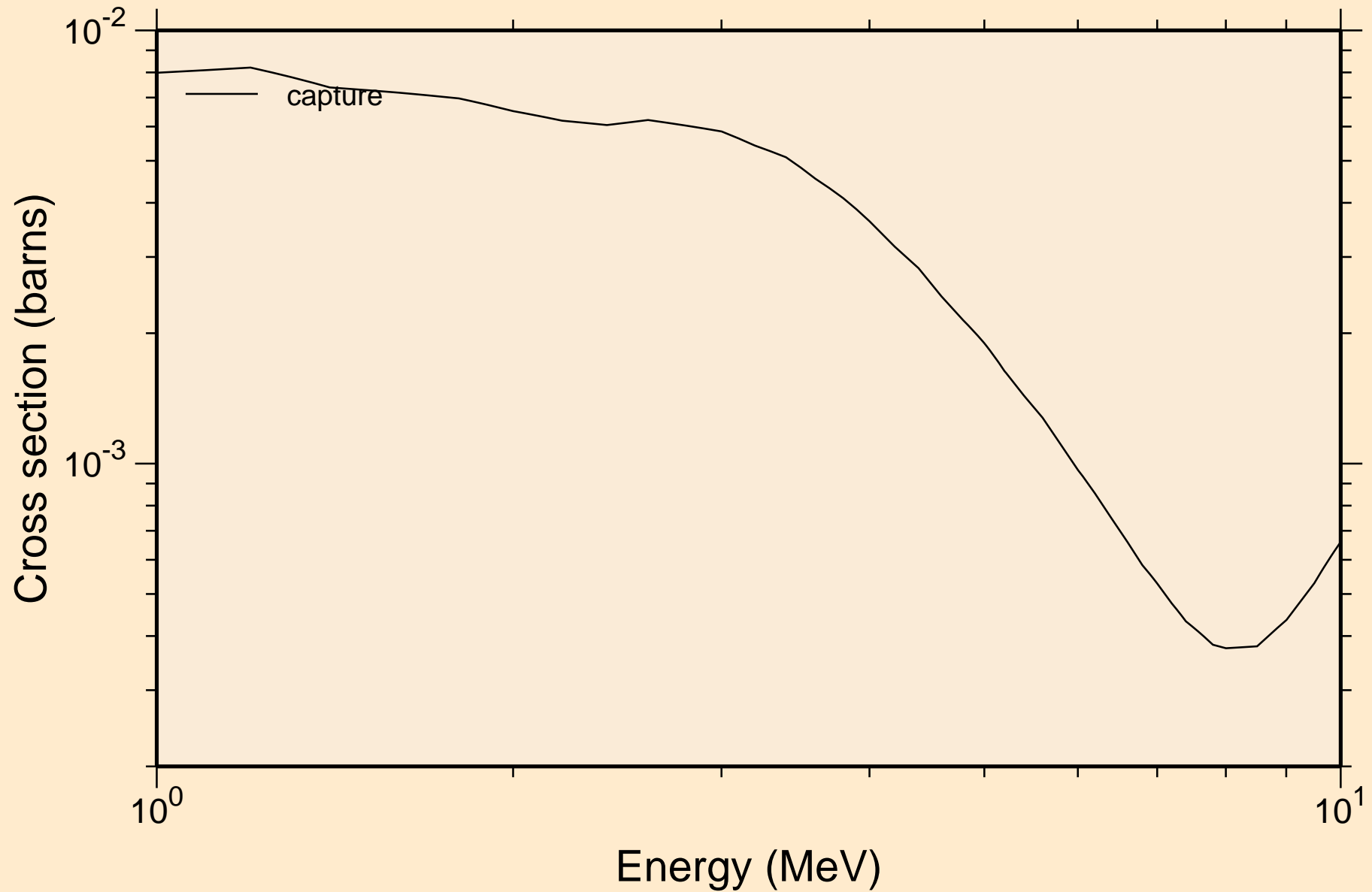
# CE144 NRG TENDL-2015, AKONING resonance absorption cross sections



CE144 NRG TENDL-2015, AKONING  
resonance absorption cross sections

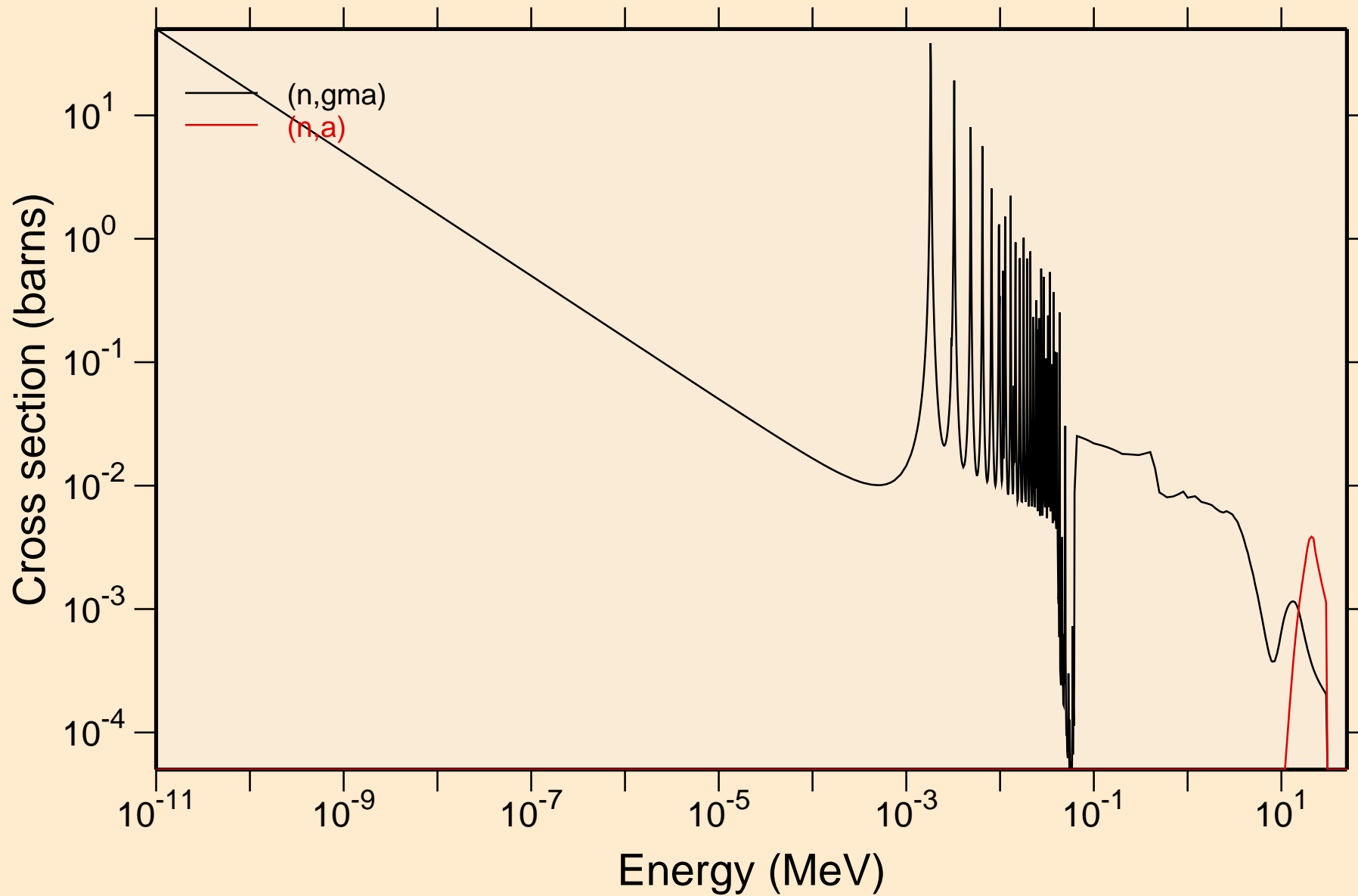


CE144 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# CE144 NRG TENDL-2015, AKONING

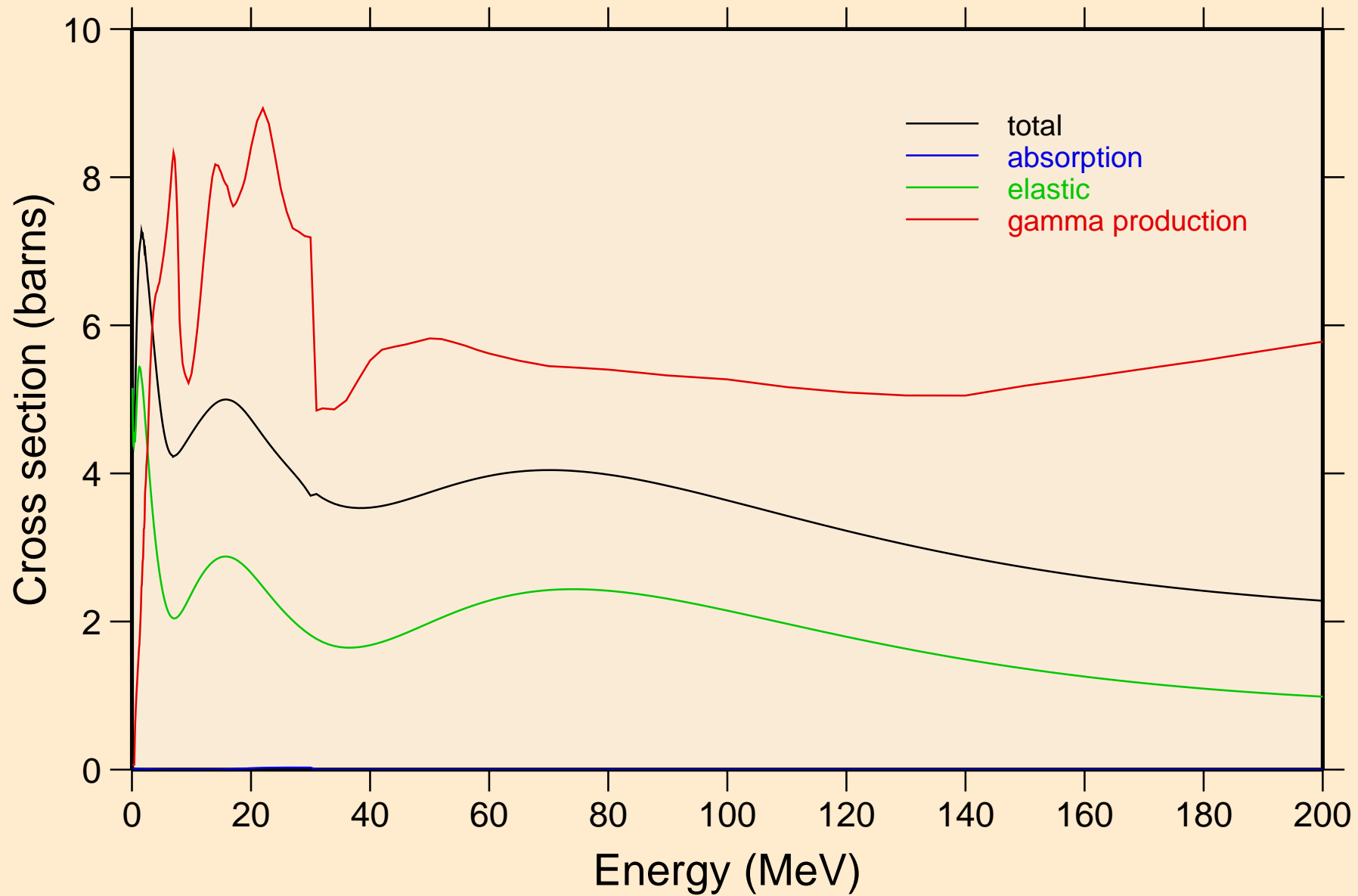
## Non-threshold reactions





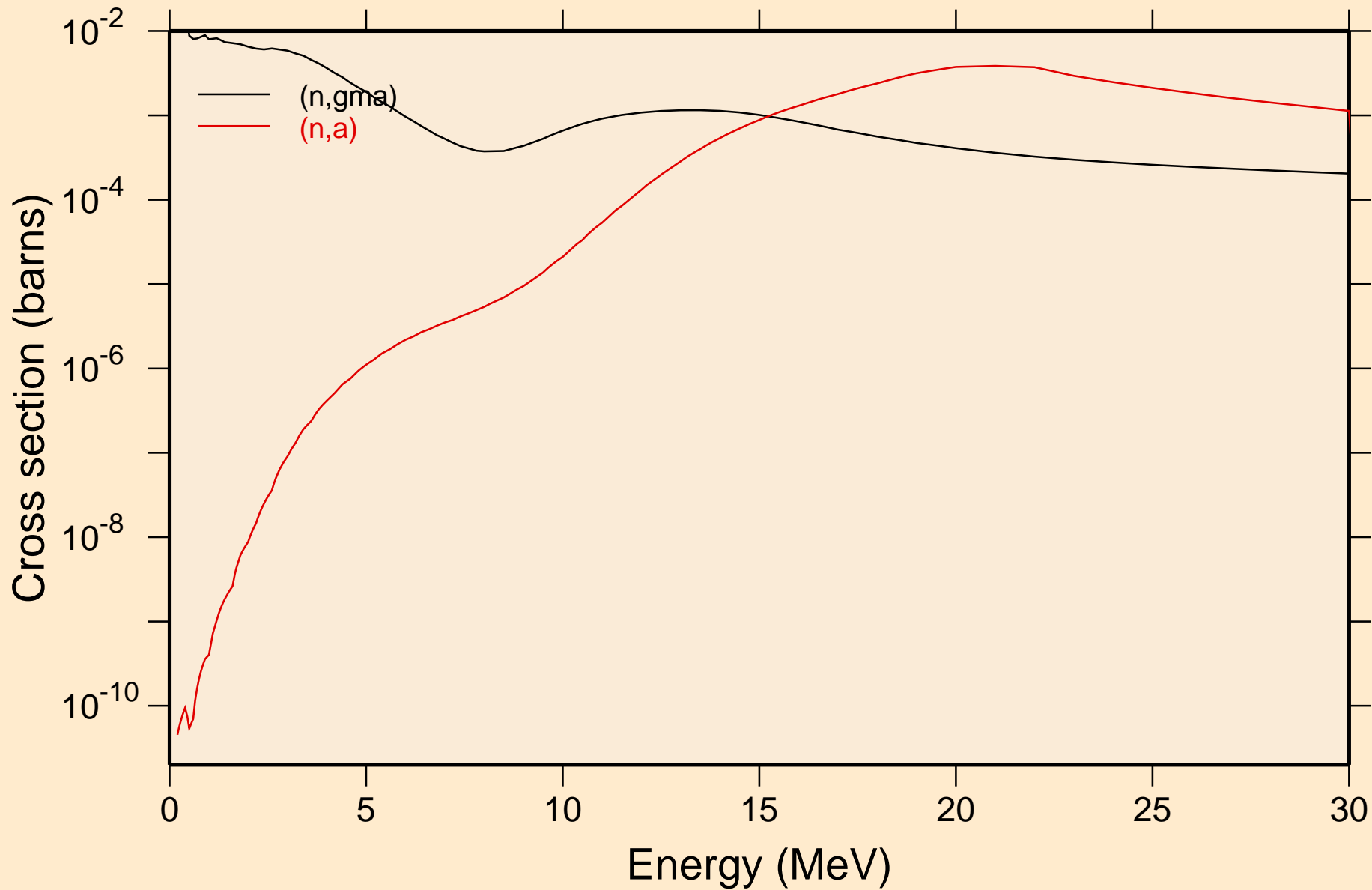
# CE144 NRG TENDL-2015, AKONING

## Principal cross sections



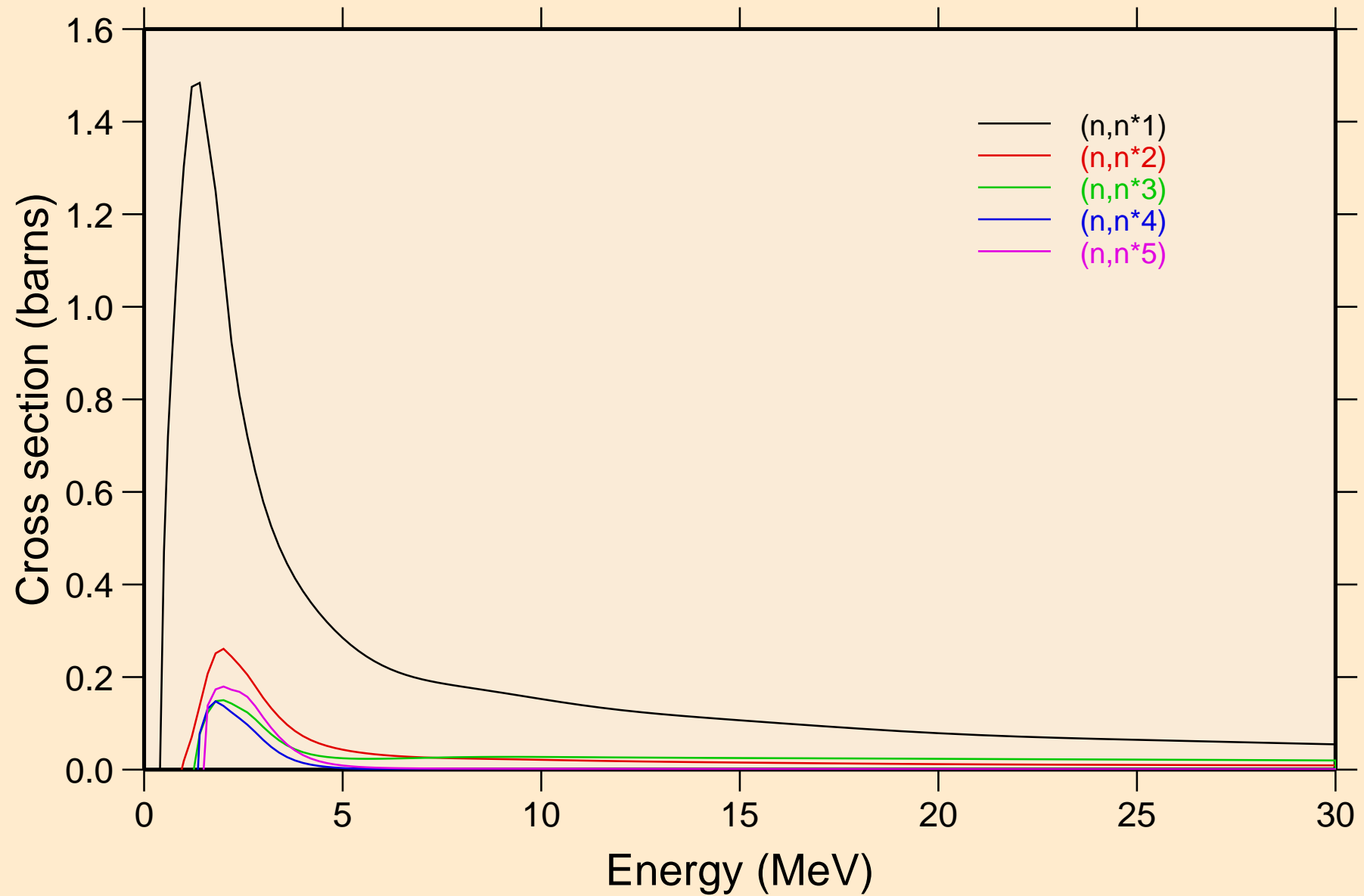
# CE144 NRG TENDL-2015, AKONING

## Non-threshold reactions



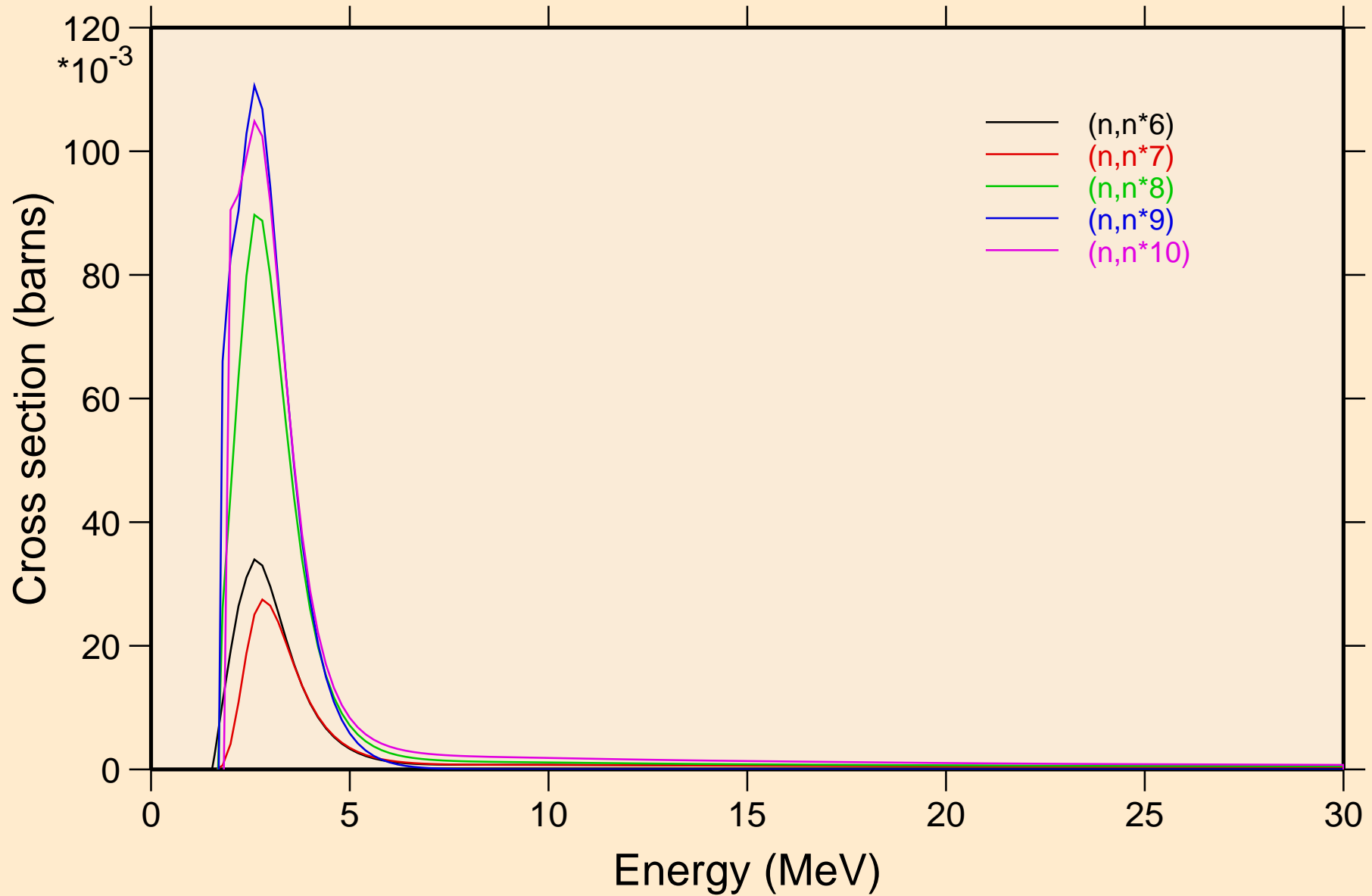
# CE144 NRG TENDL-2015, AKONING

## Inelastic levels



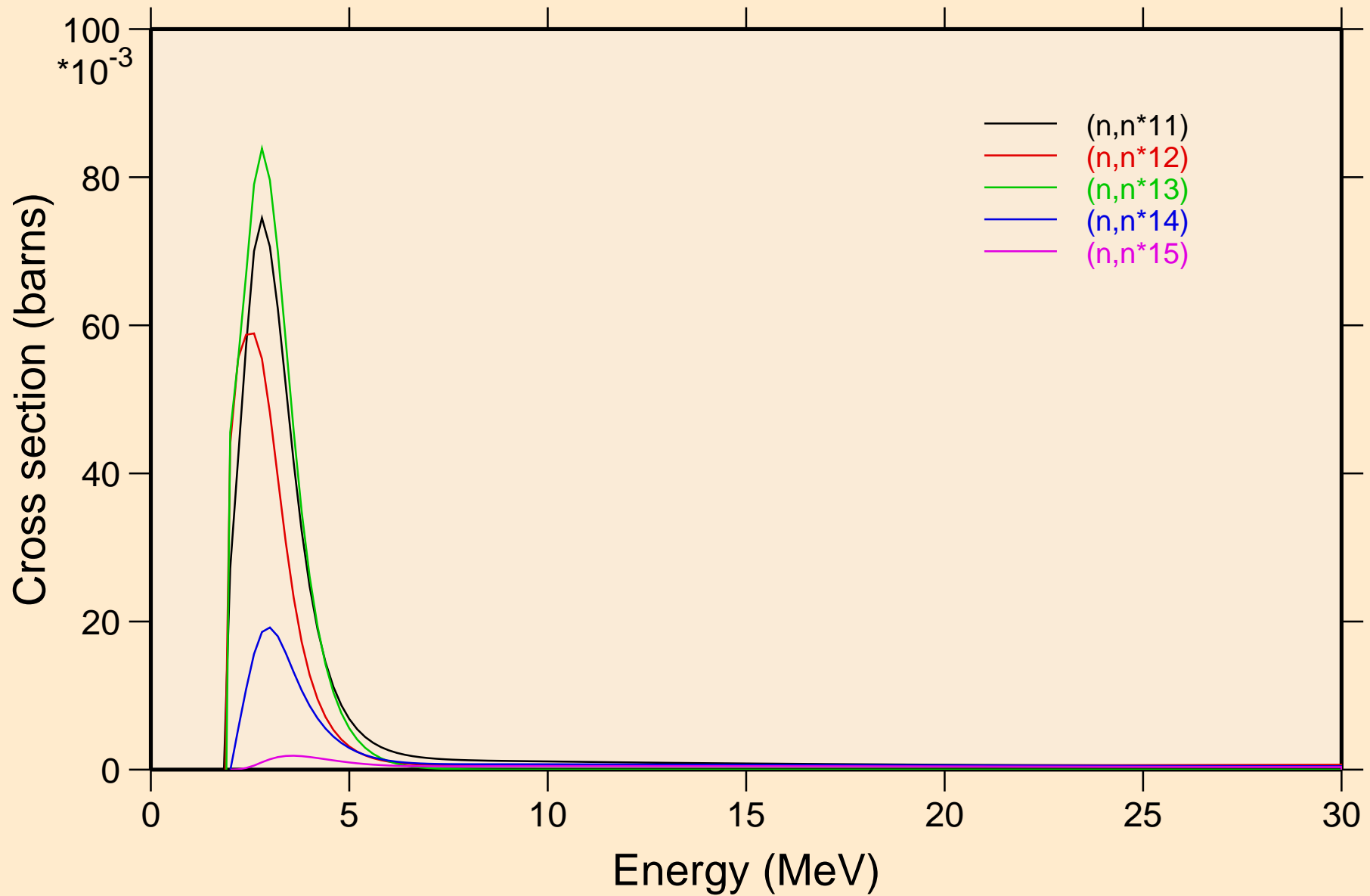
# CE144 NRG TENDL-2015, AKONING

## Inelastic levels



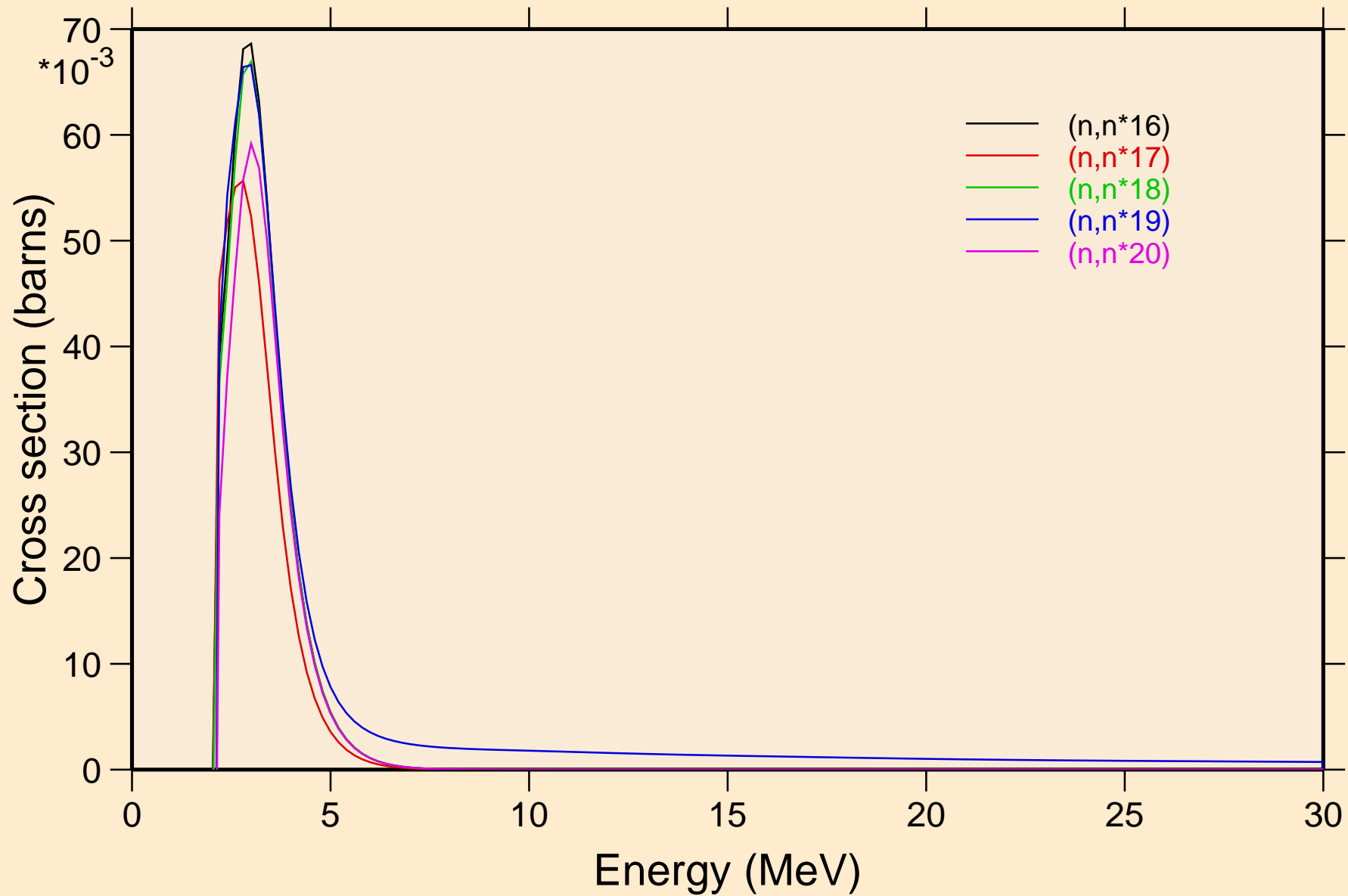
# CE144 NRG TENDL-2015, AKONING

## Inelastic levels



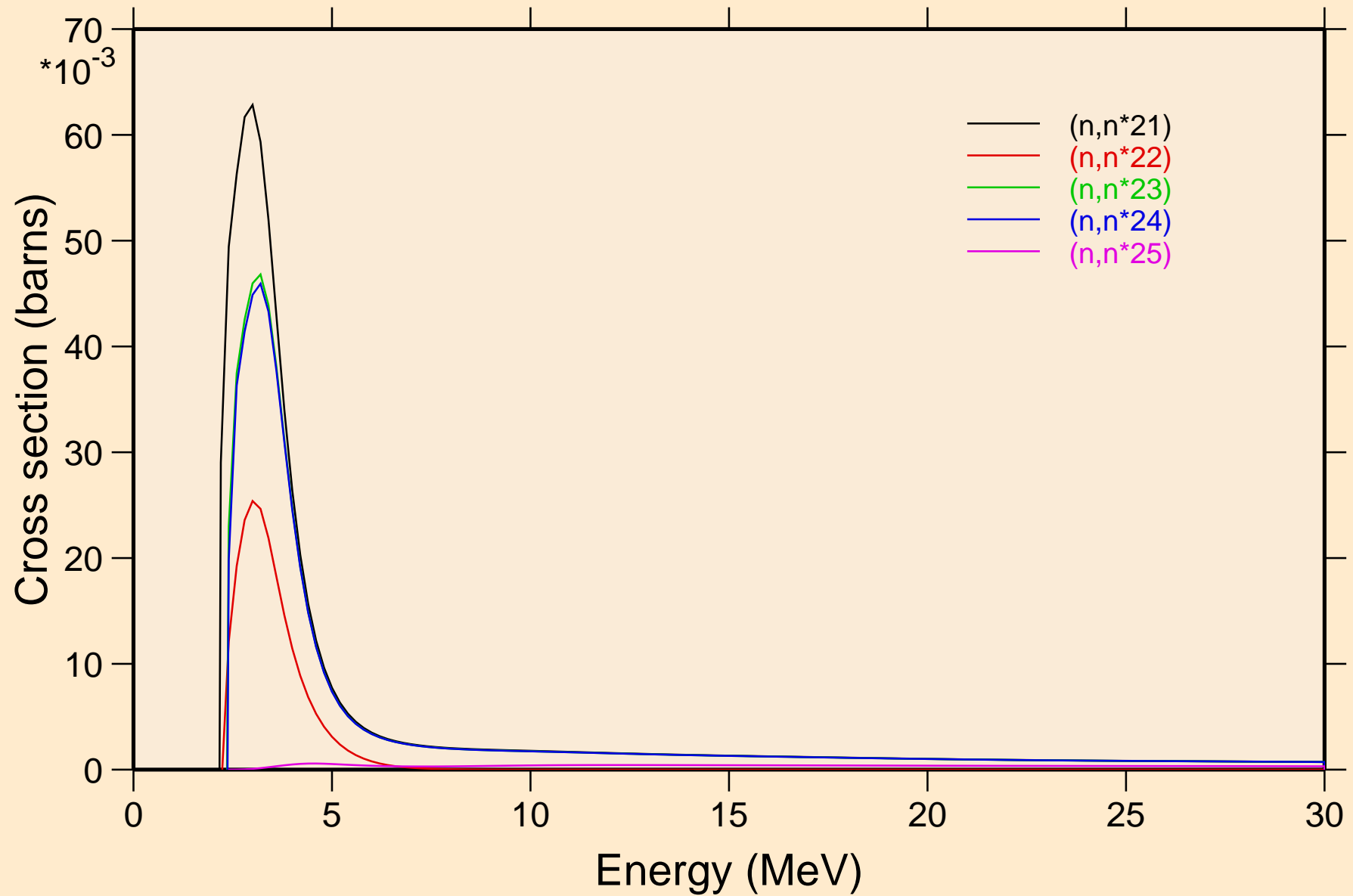
# CE144 NRG TENDL-2015, AKONING

## Inelastic levels



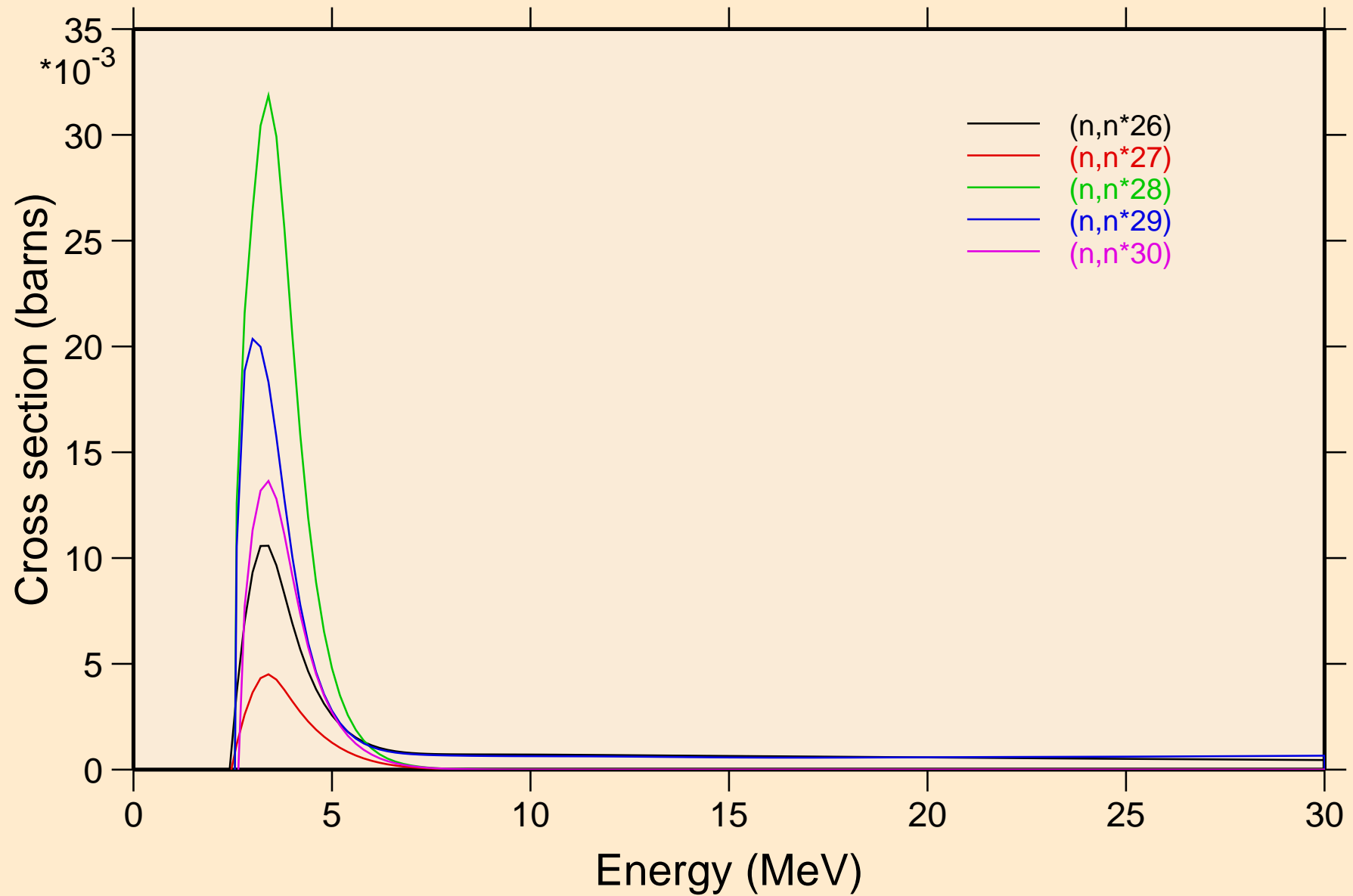
# CE144 NRG TENDL-2015, AKONING

## Inelastic levels



# CE144 NRG TENDL-2015, AKONING

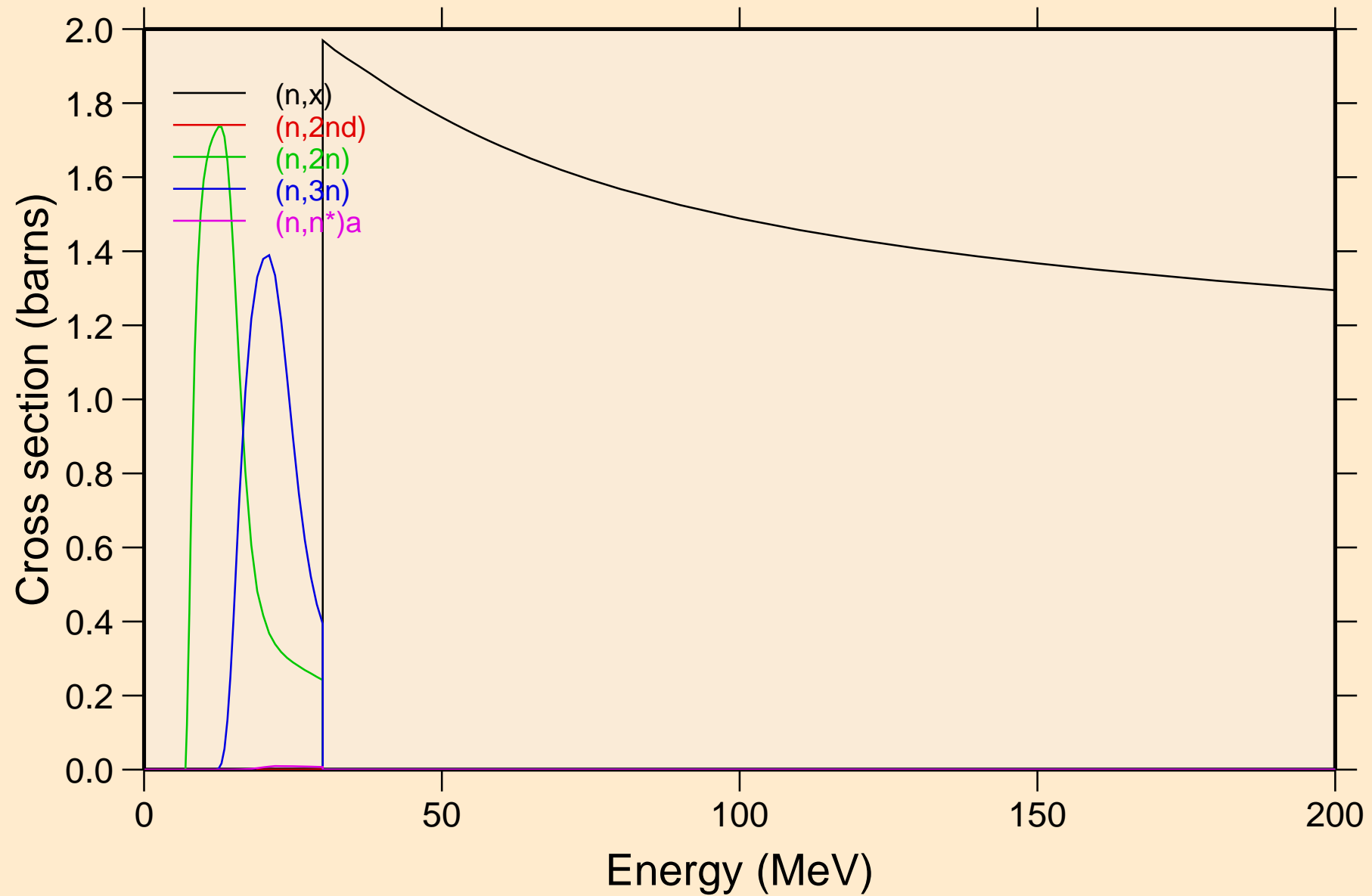
## Inelastic levels





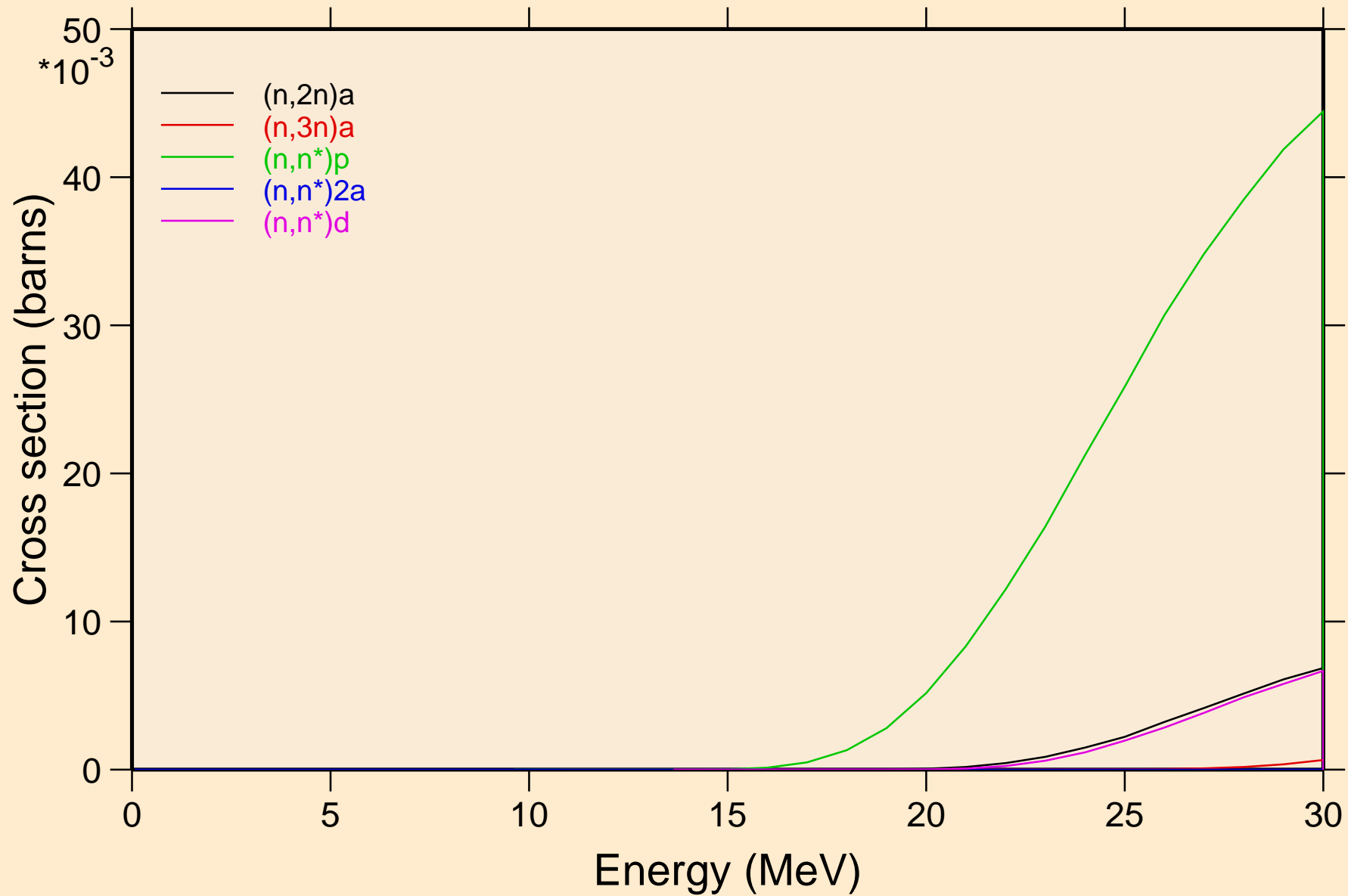
# CE144 NRG TENDL-2015, AKONING

## Threshold reactions



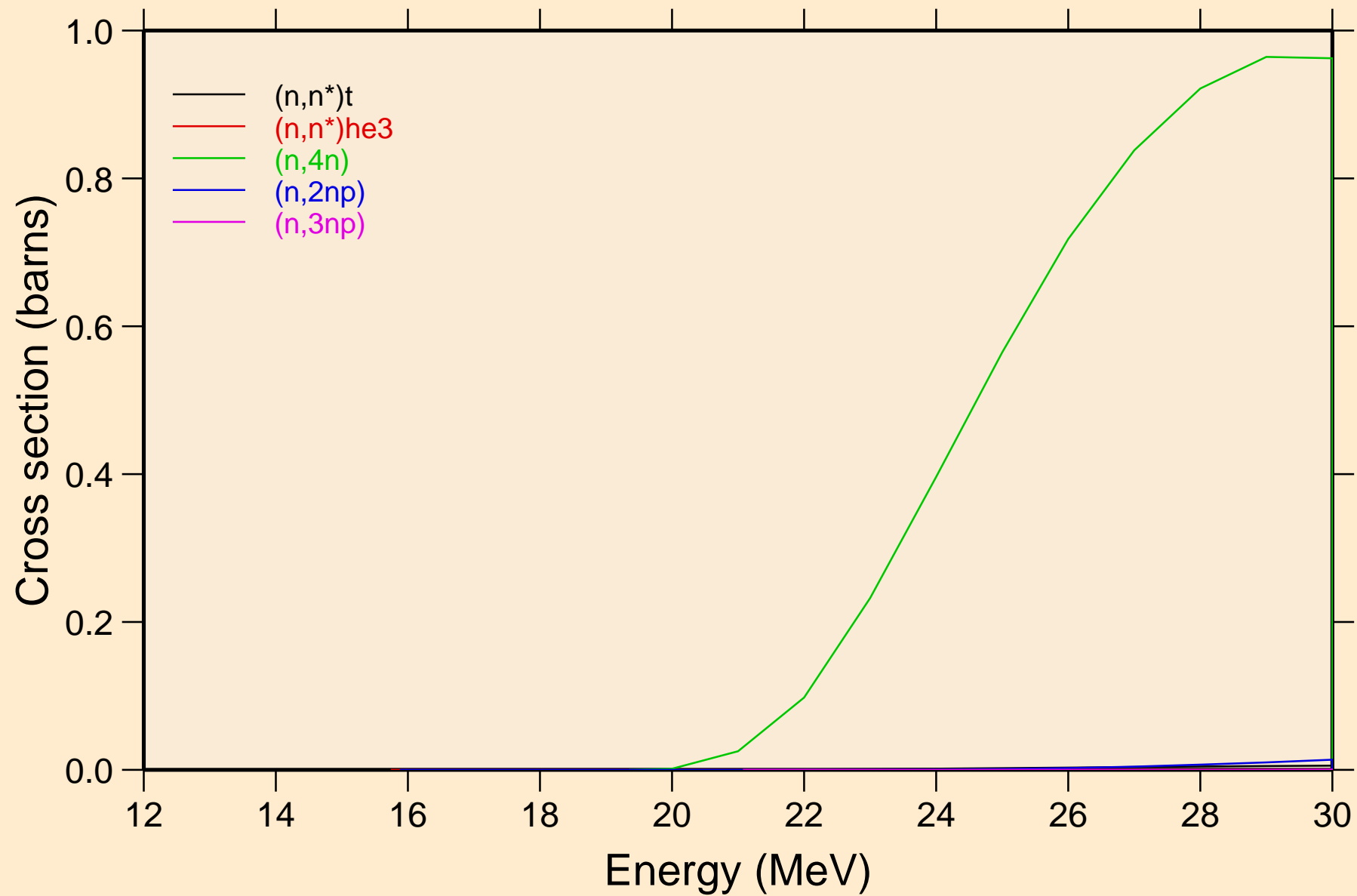
# CE144 NRG TENDL-2015, AKONING

## Threshold reactions



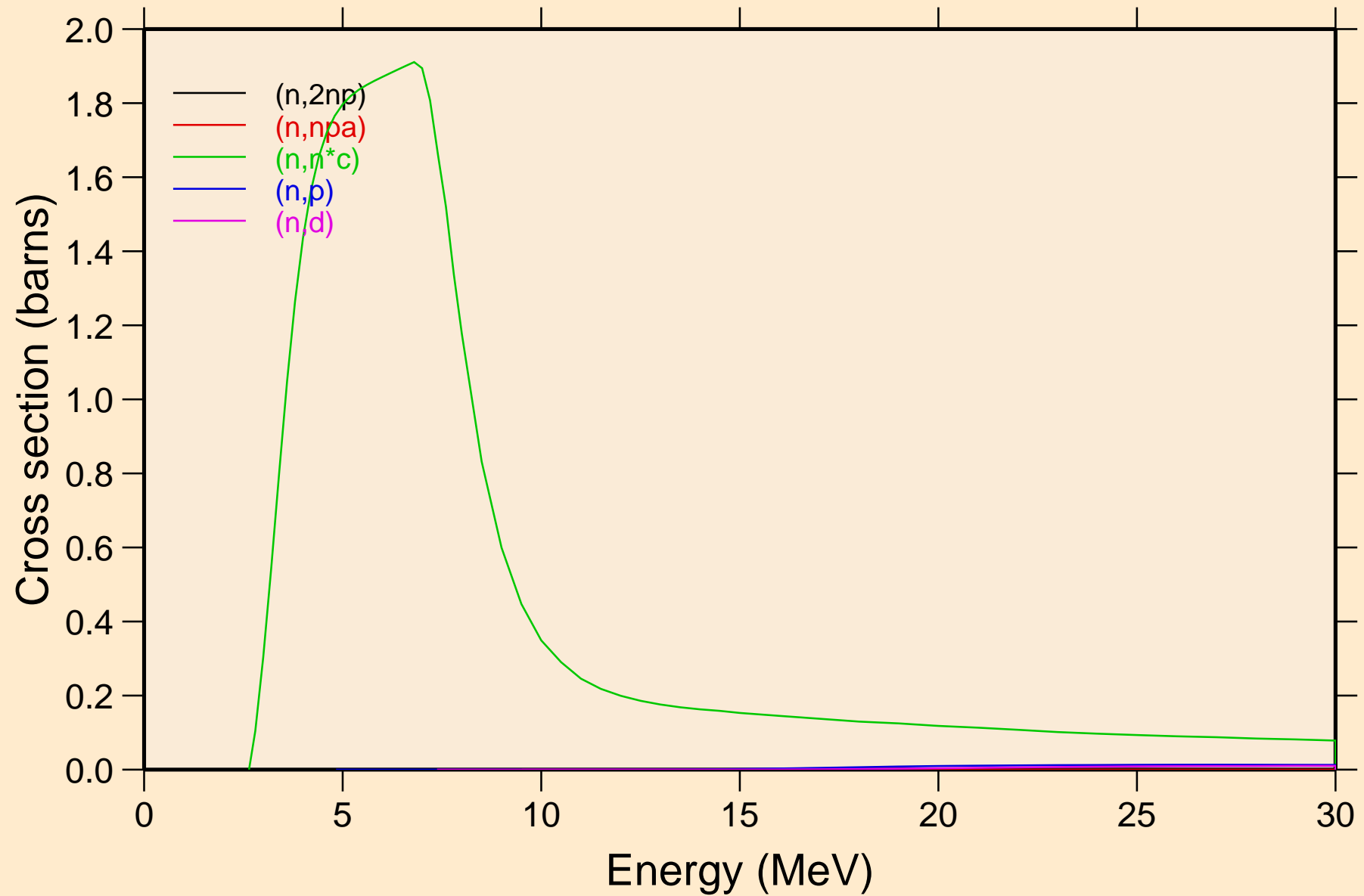
# CE144 NRG TENDL-2015, AKONING

## Threshold reactions



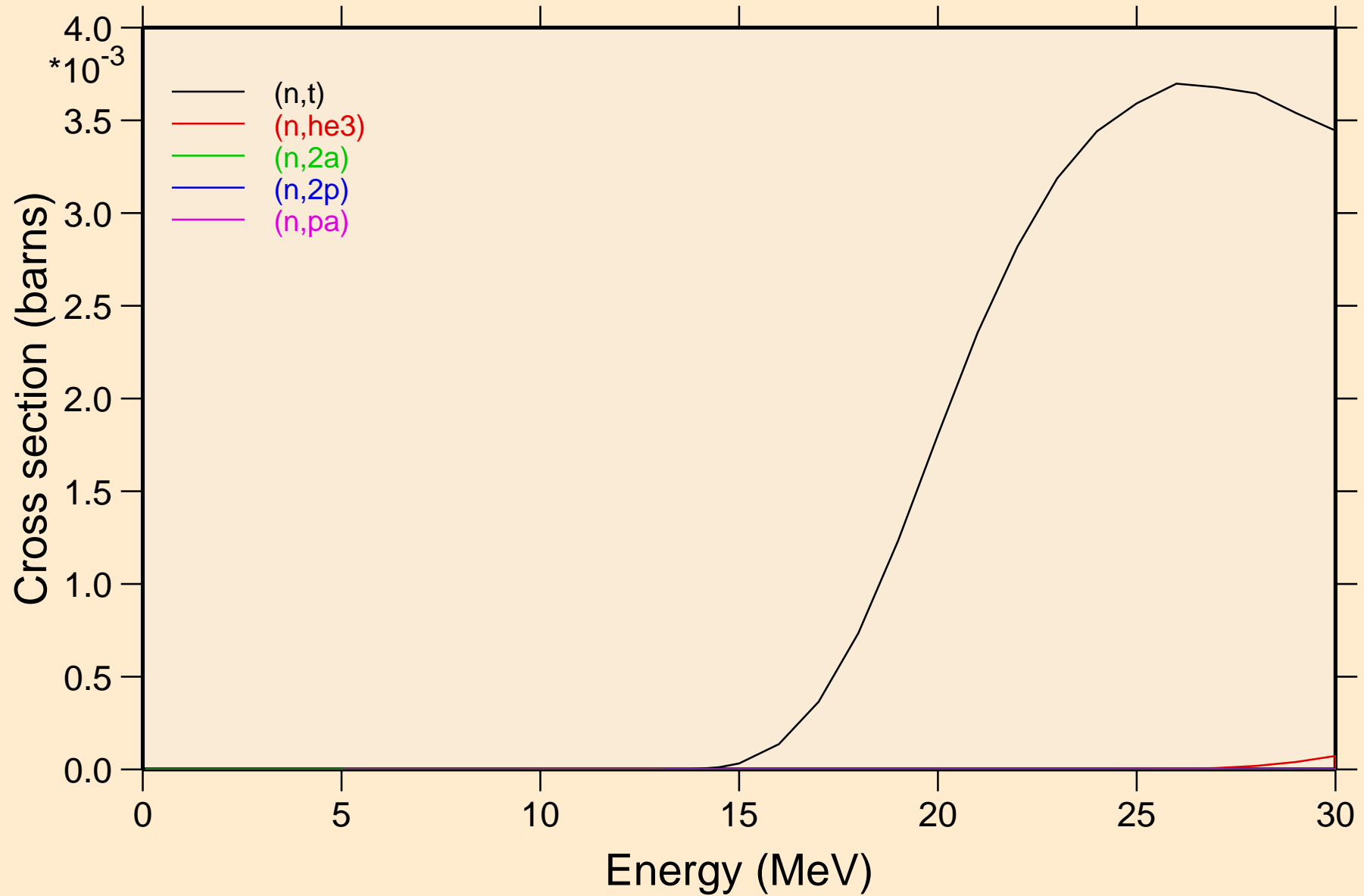
# CE144 NRG TENDL-2015, AKONING

## Threshold reactions



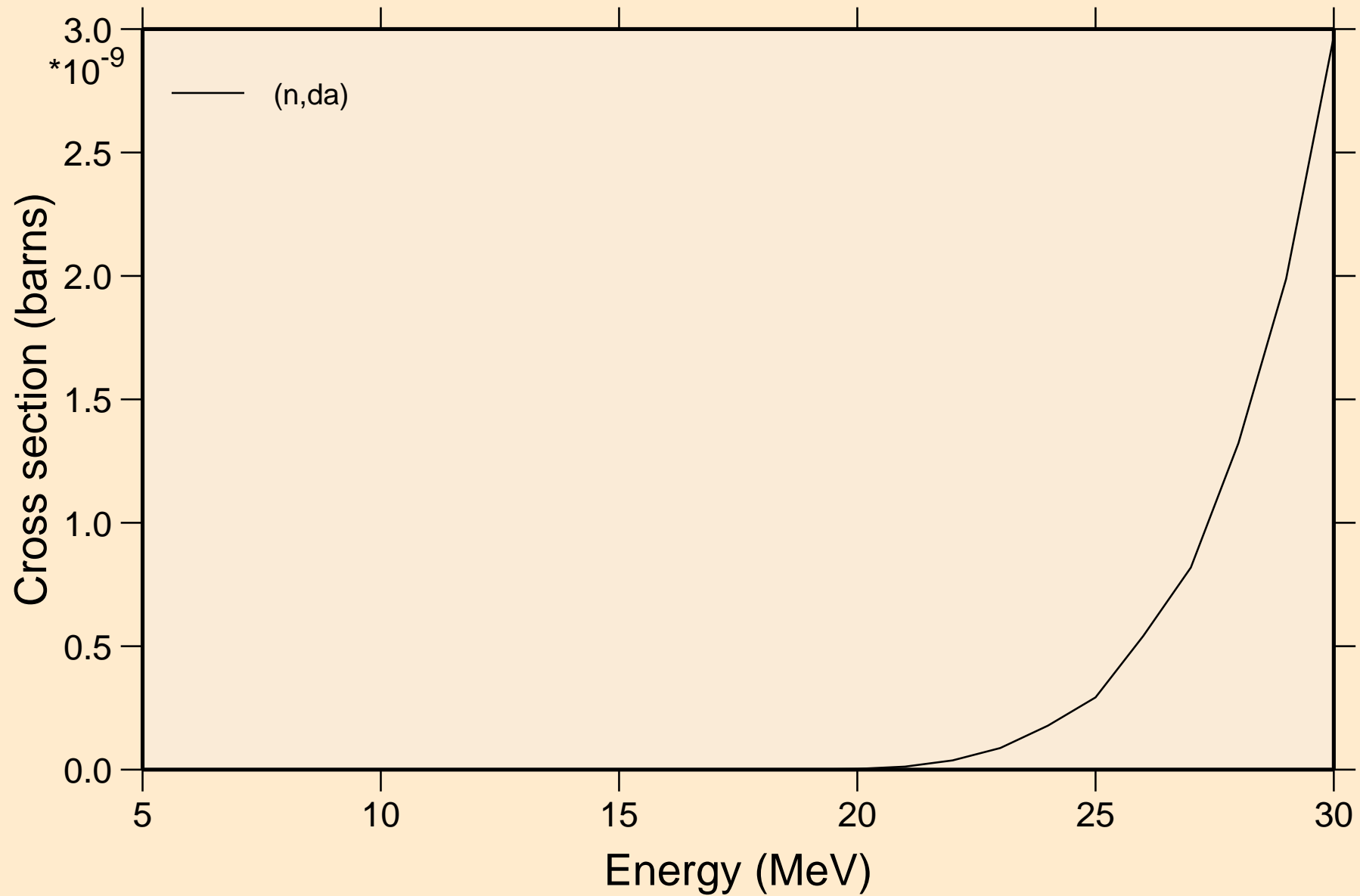
# CE144 NRG TENDL-2015, AKONING

## Threshold reactions

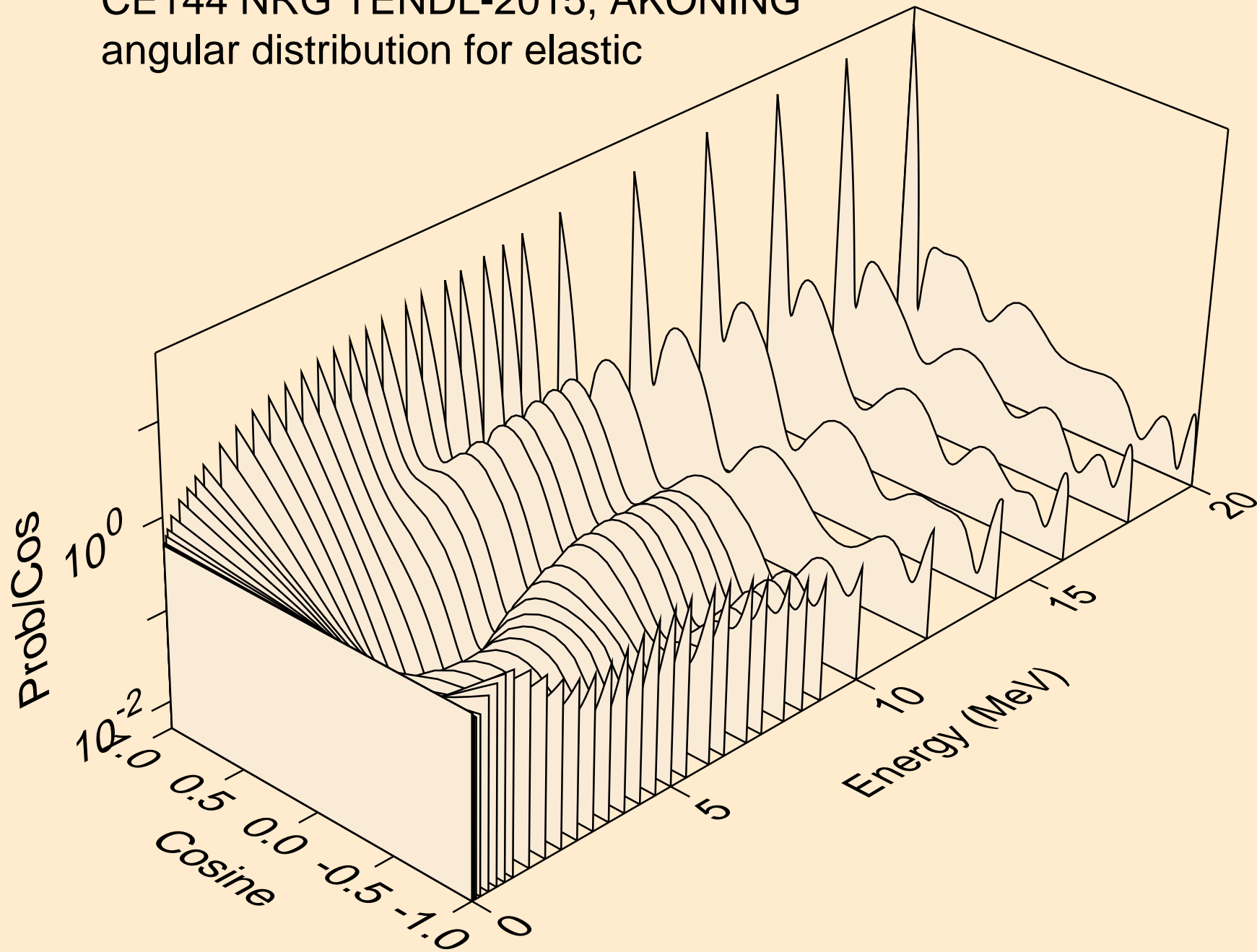


# CE144 NRG TENDL-2015, AKONING

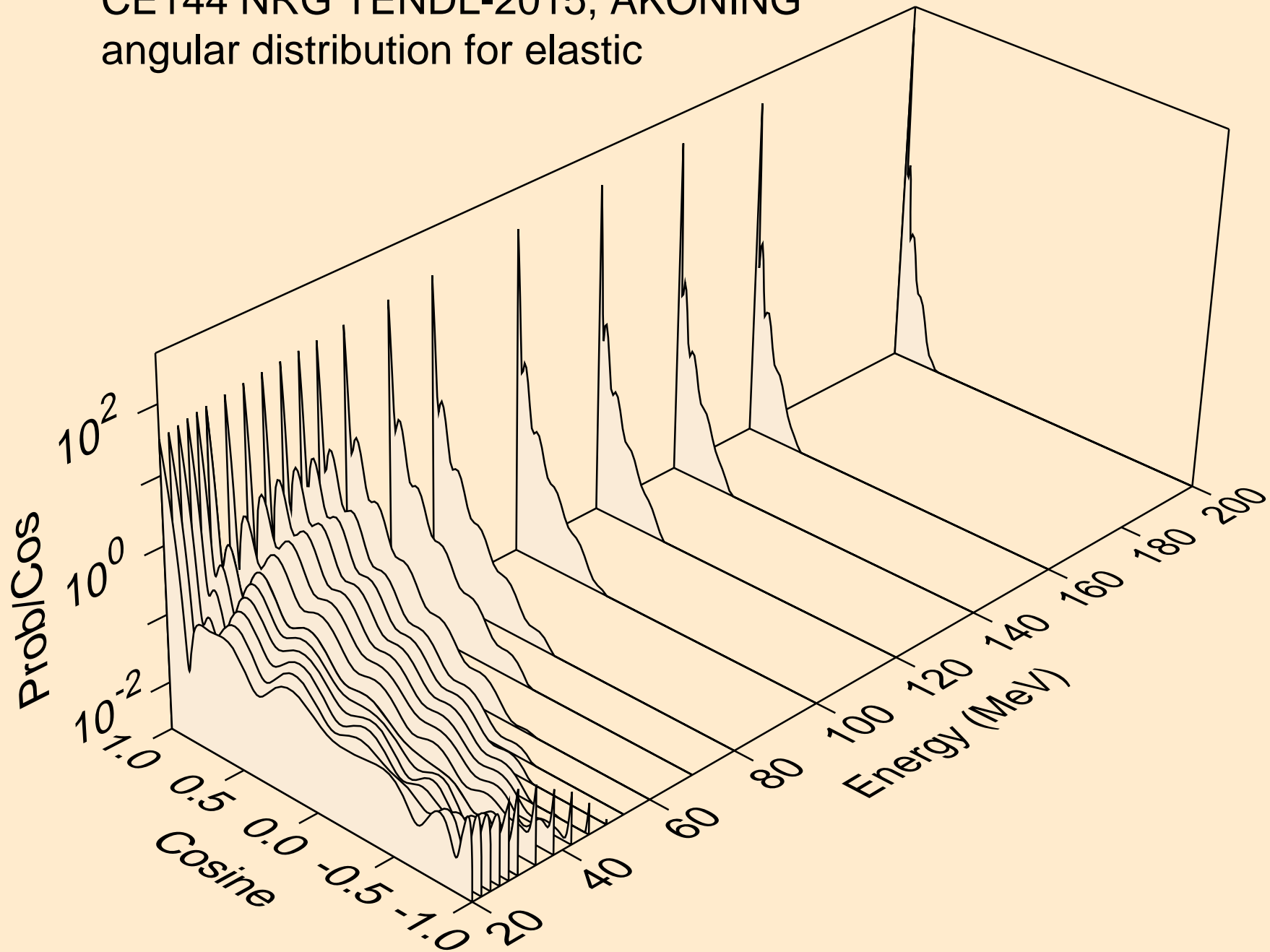
## Threshold reactions



CE144 NRG TENDL-2015, AKONING  
angular distribution for elastic

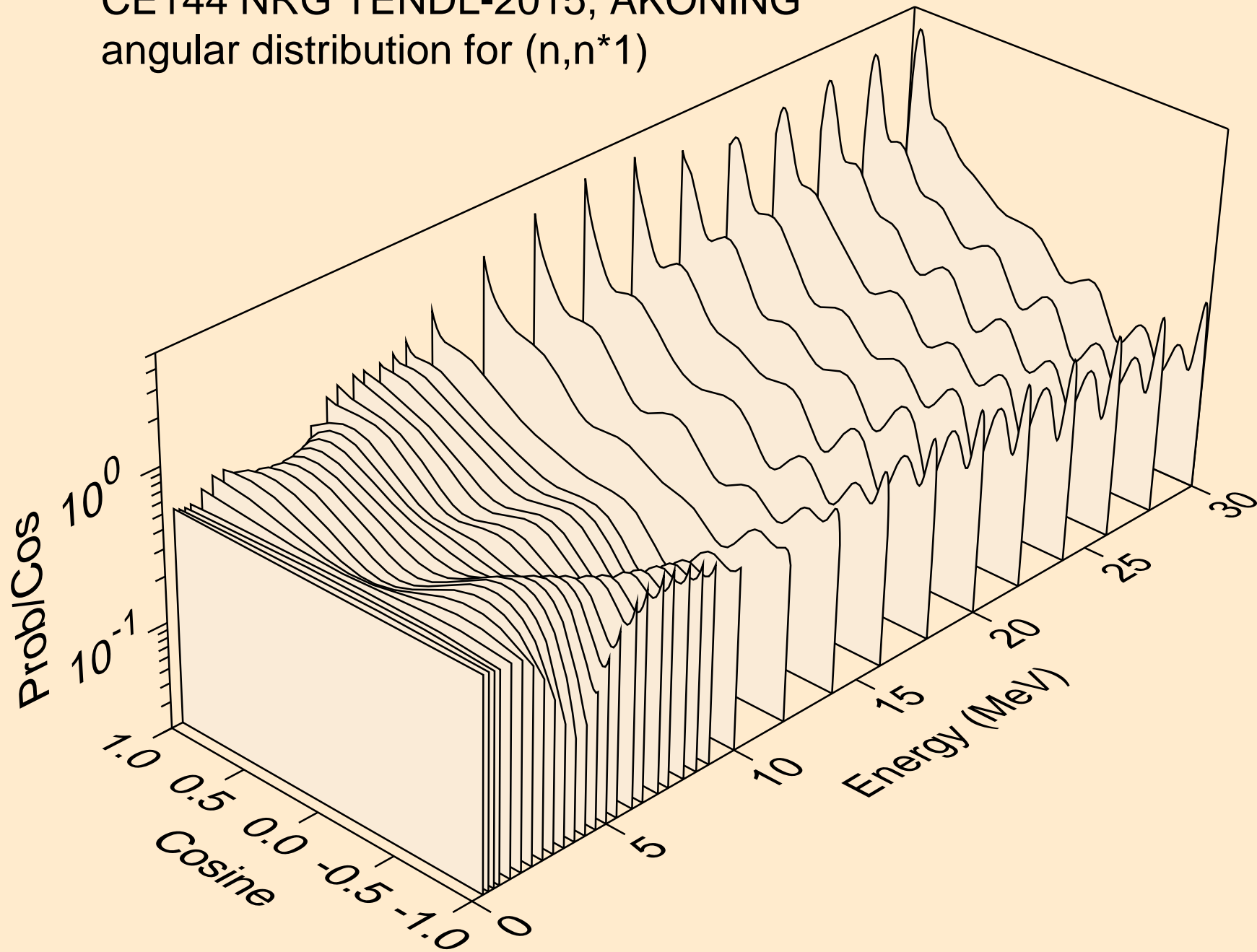


CE144 NRG TENDL-2015, AKONING  
angular distribution for elastic

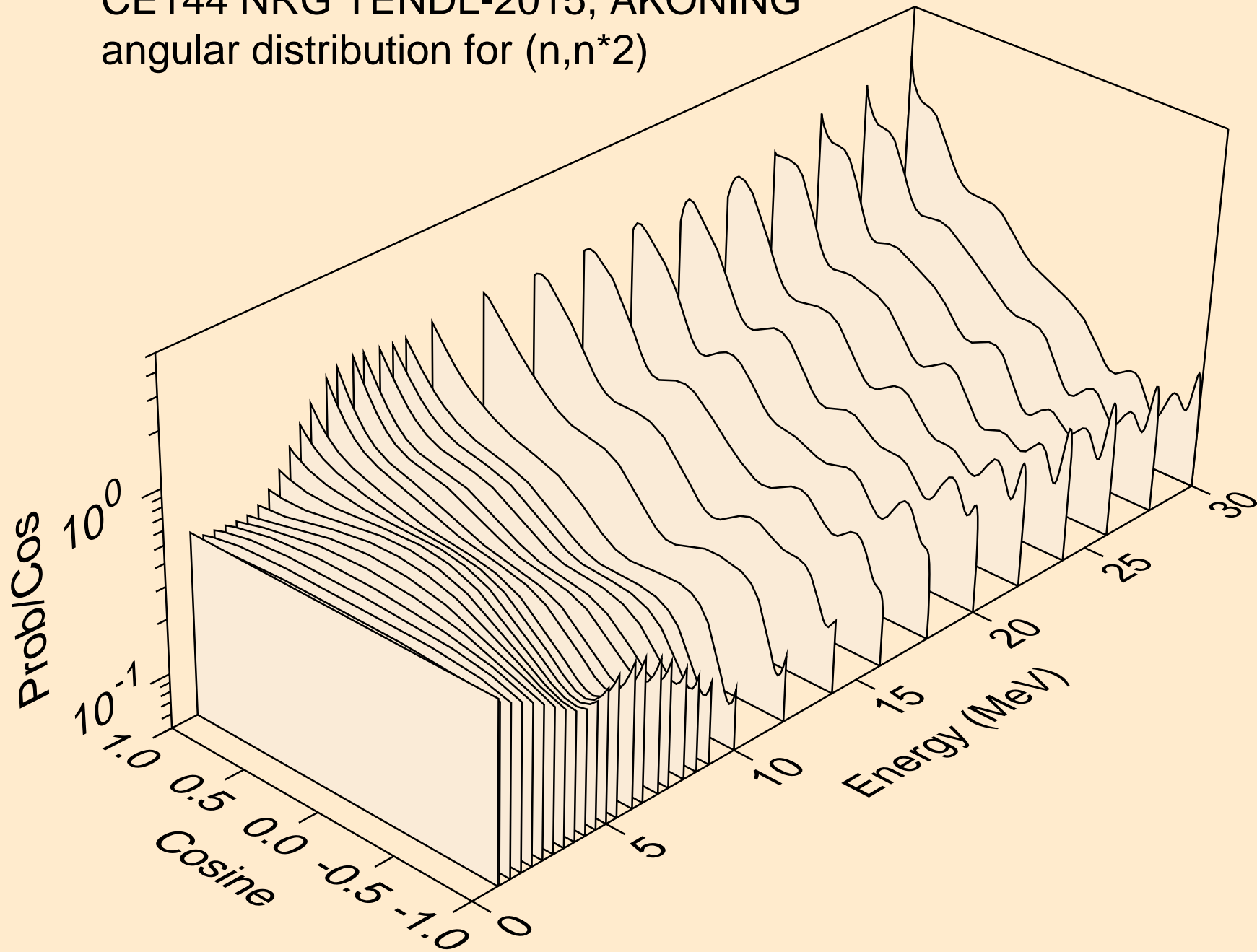




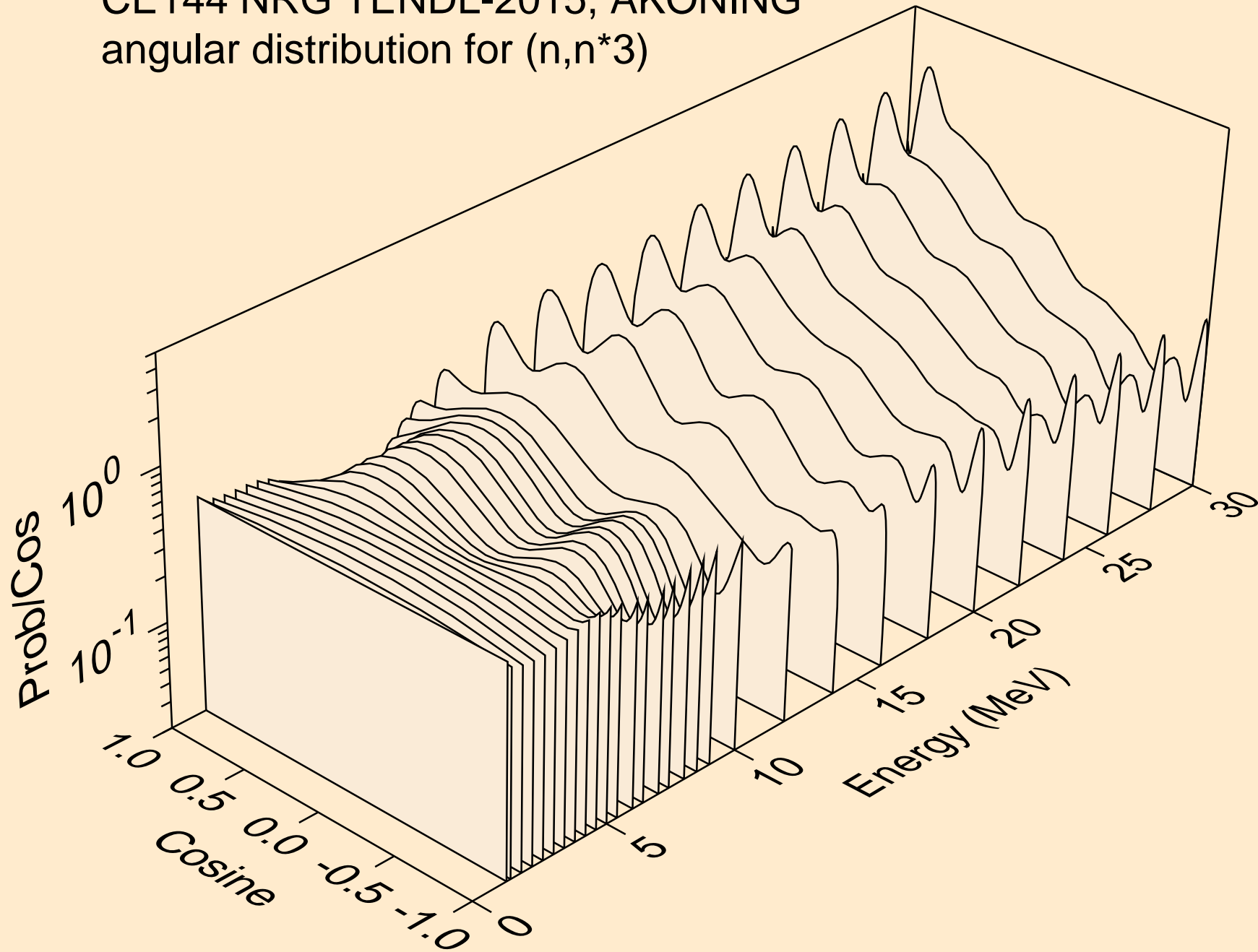
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



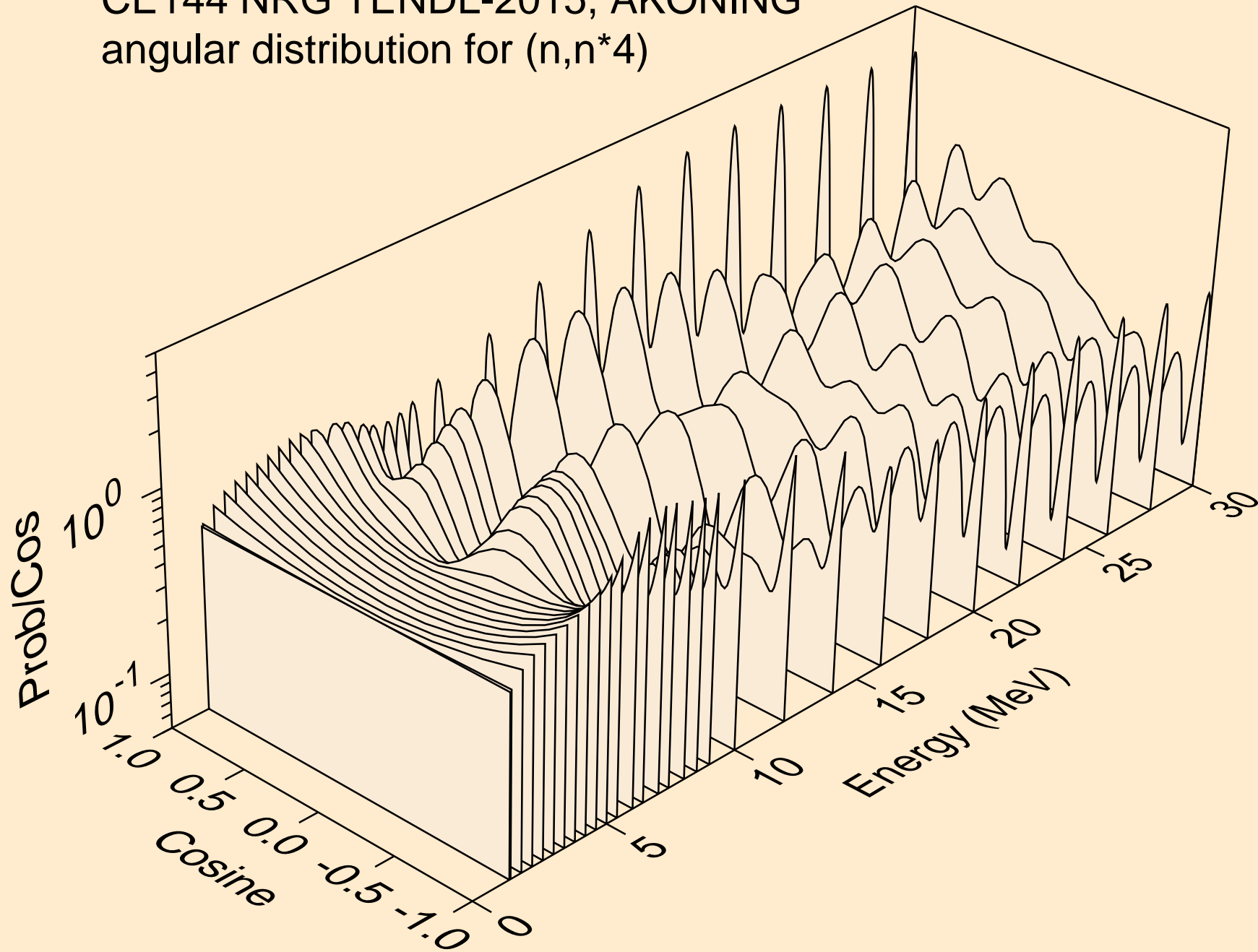
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



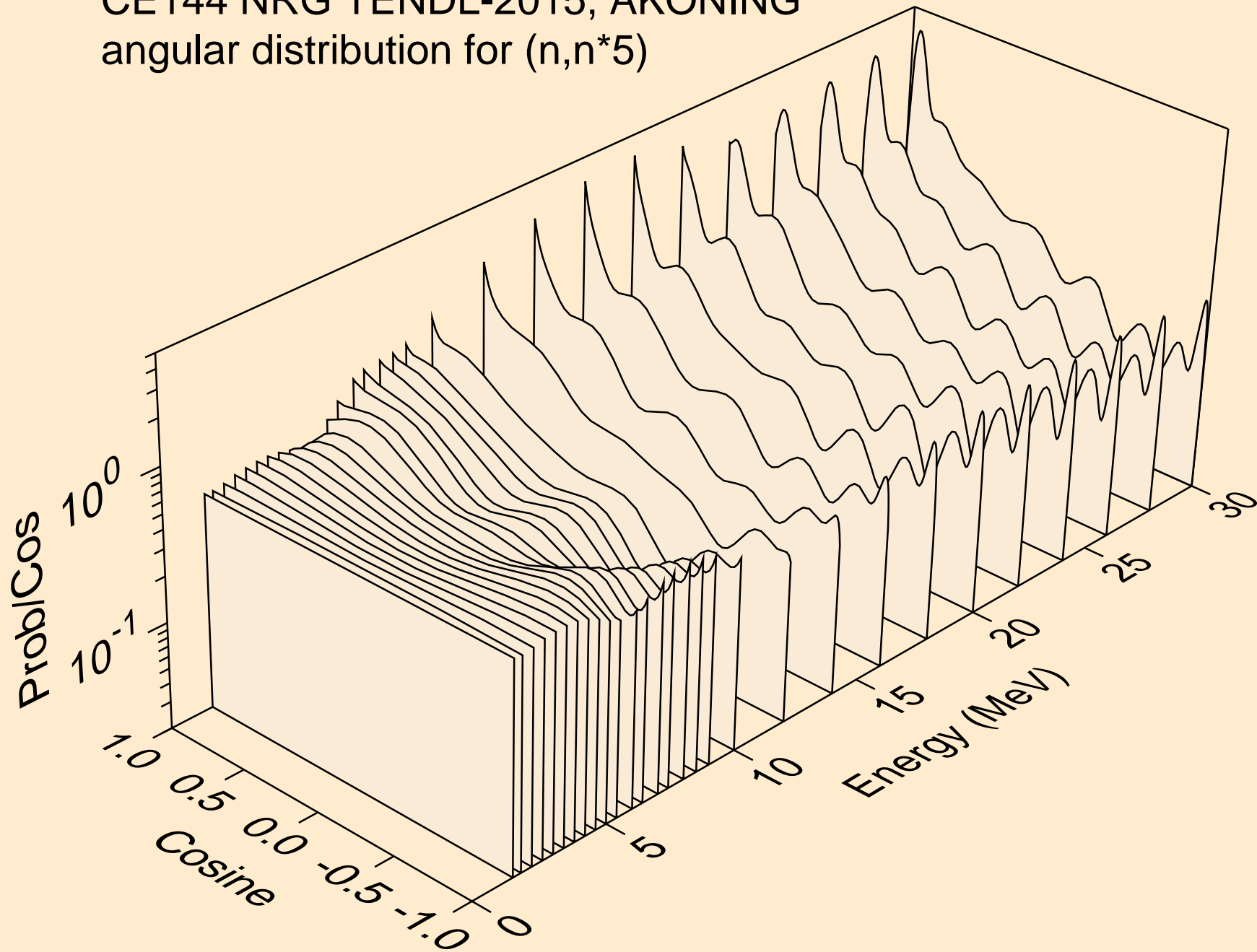
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



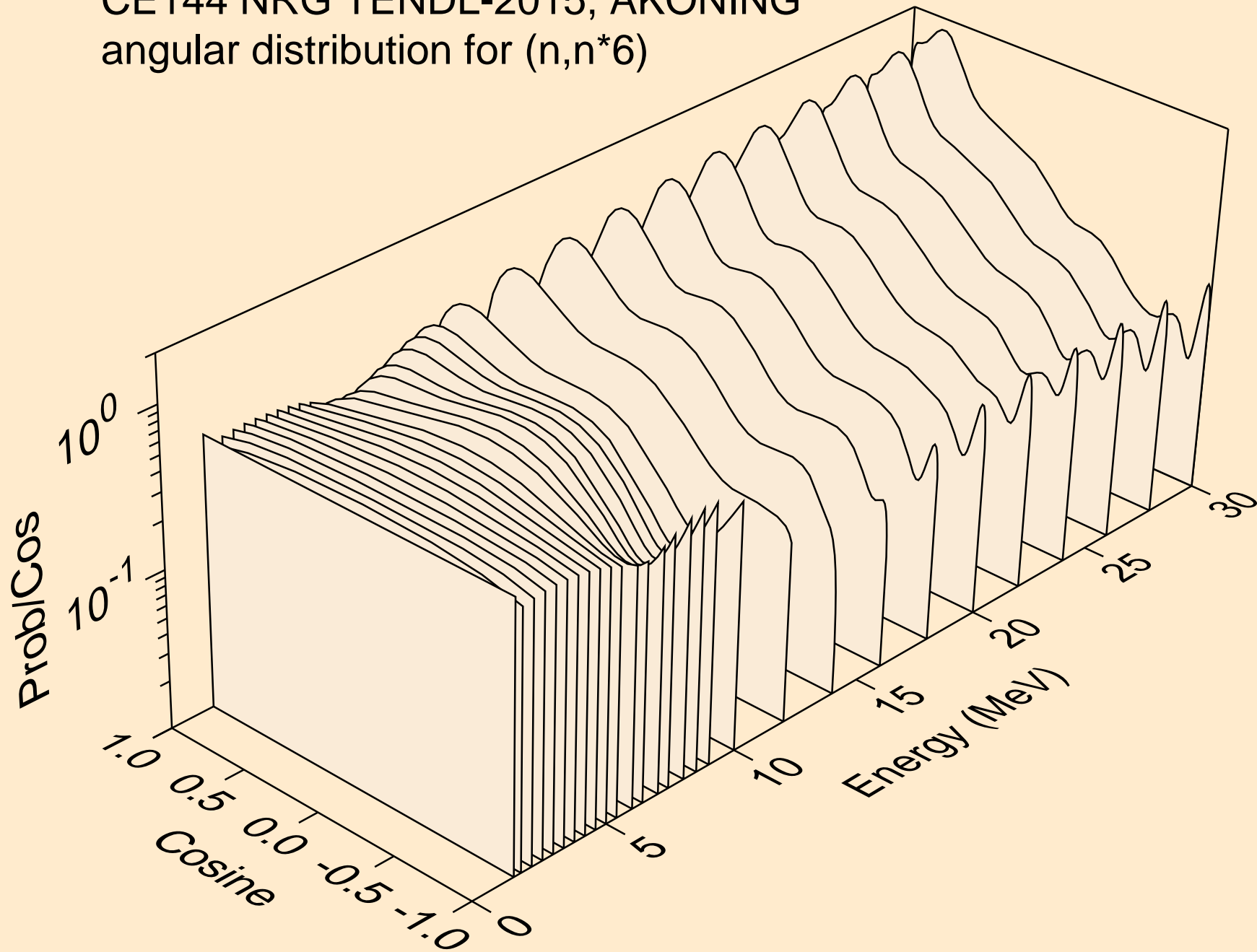
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



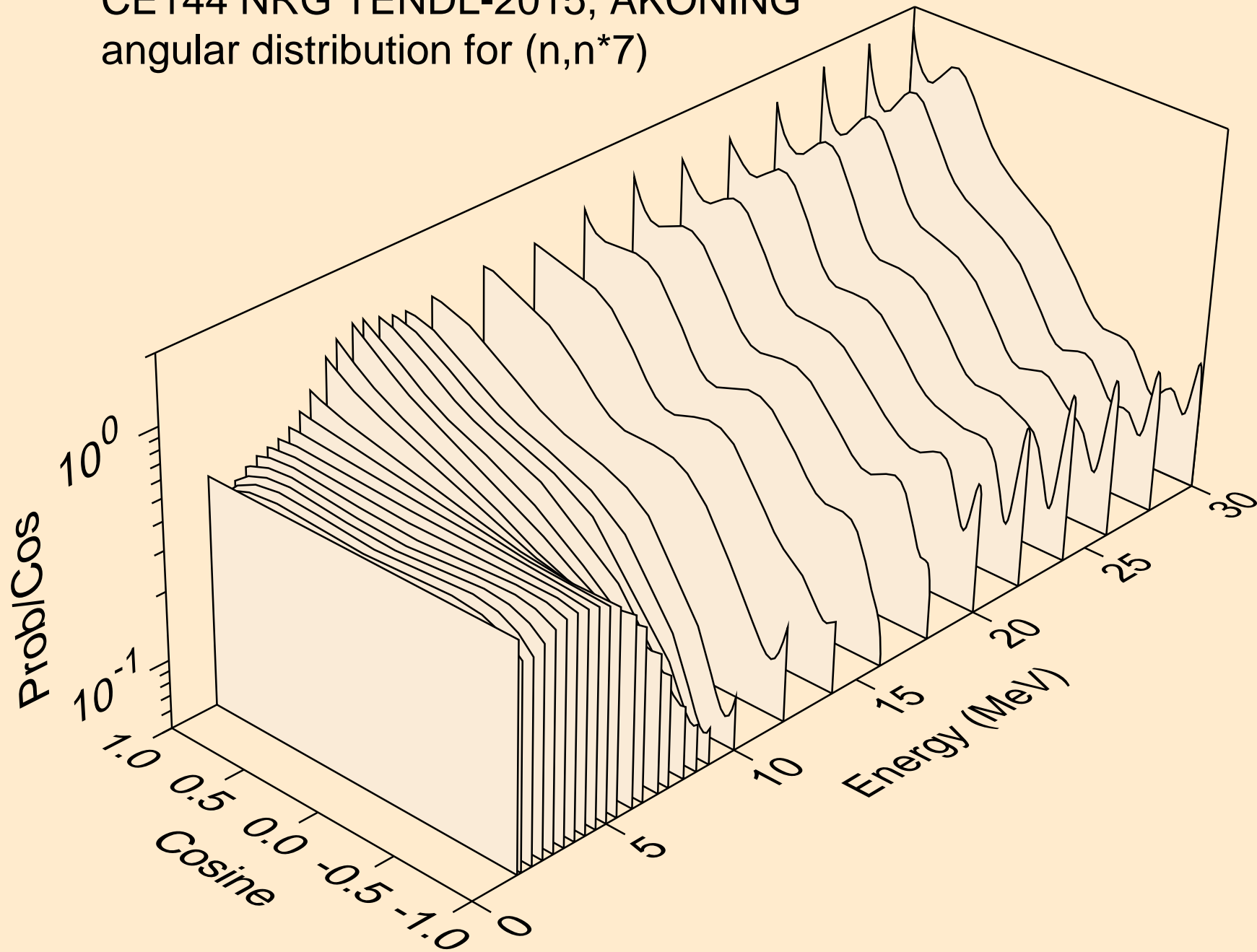
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



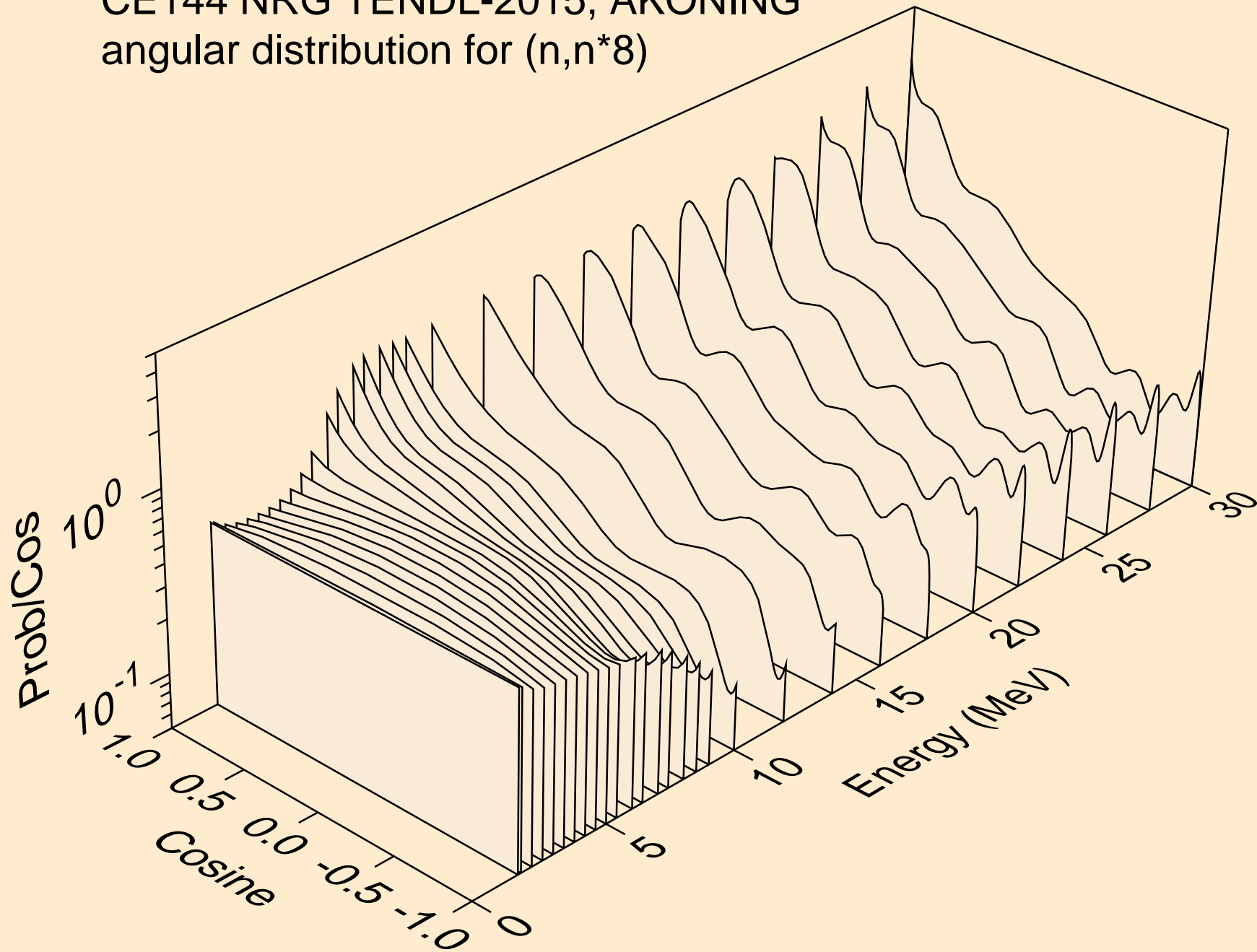
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

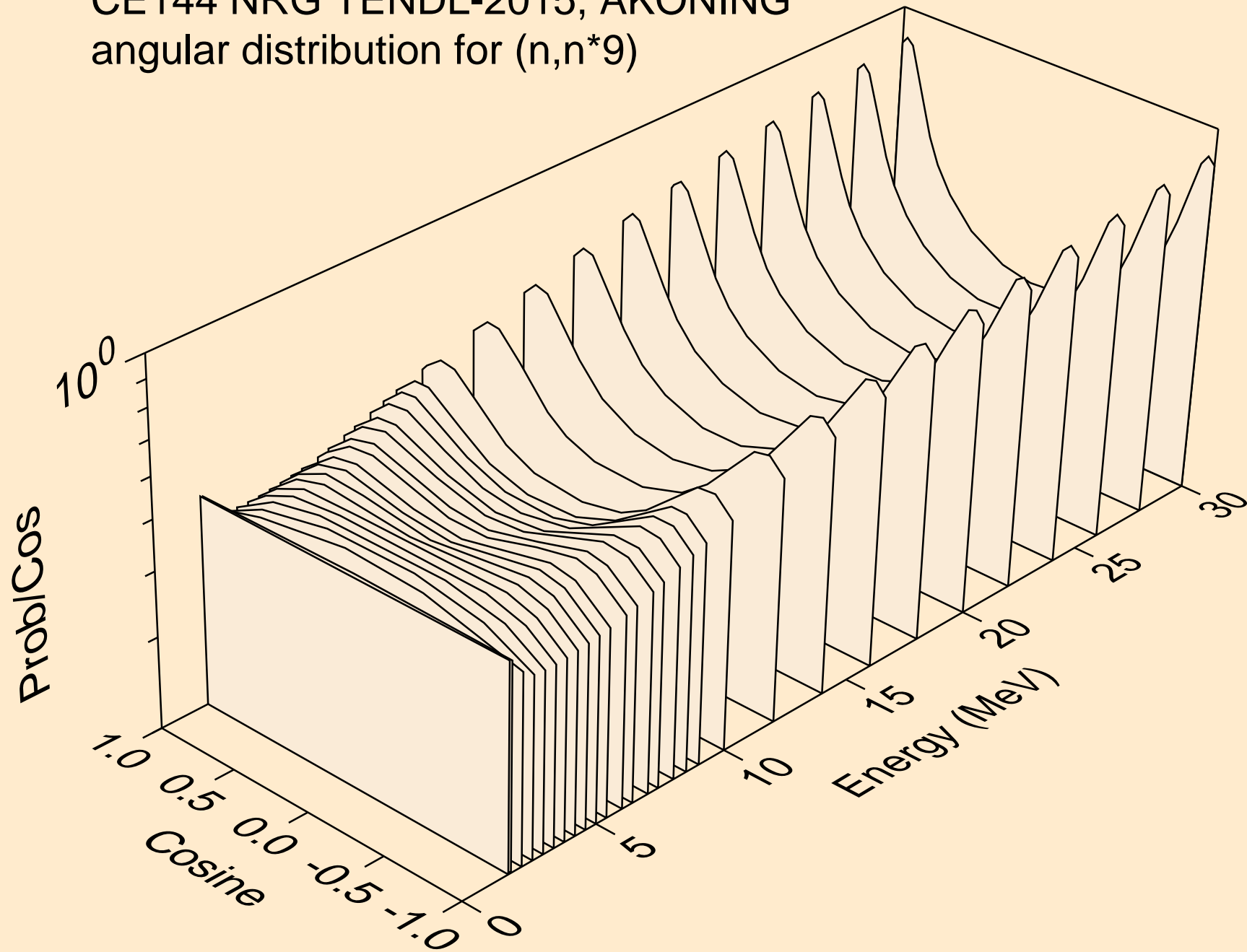


CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

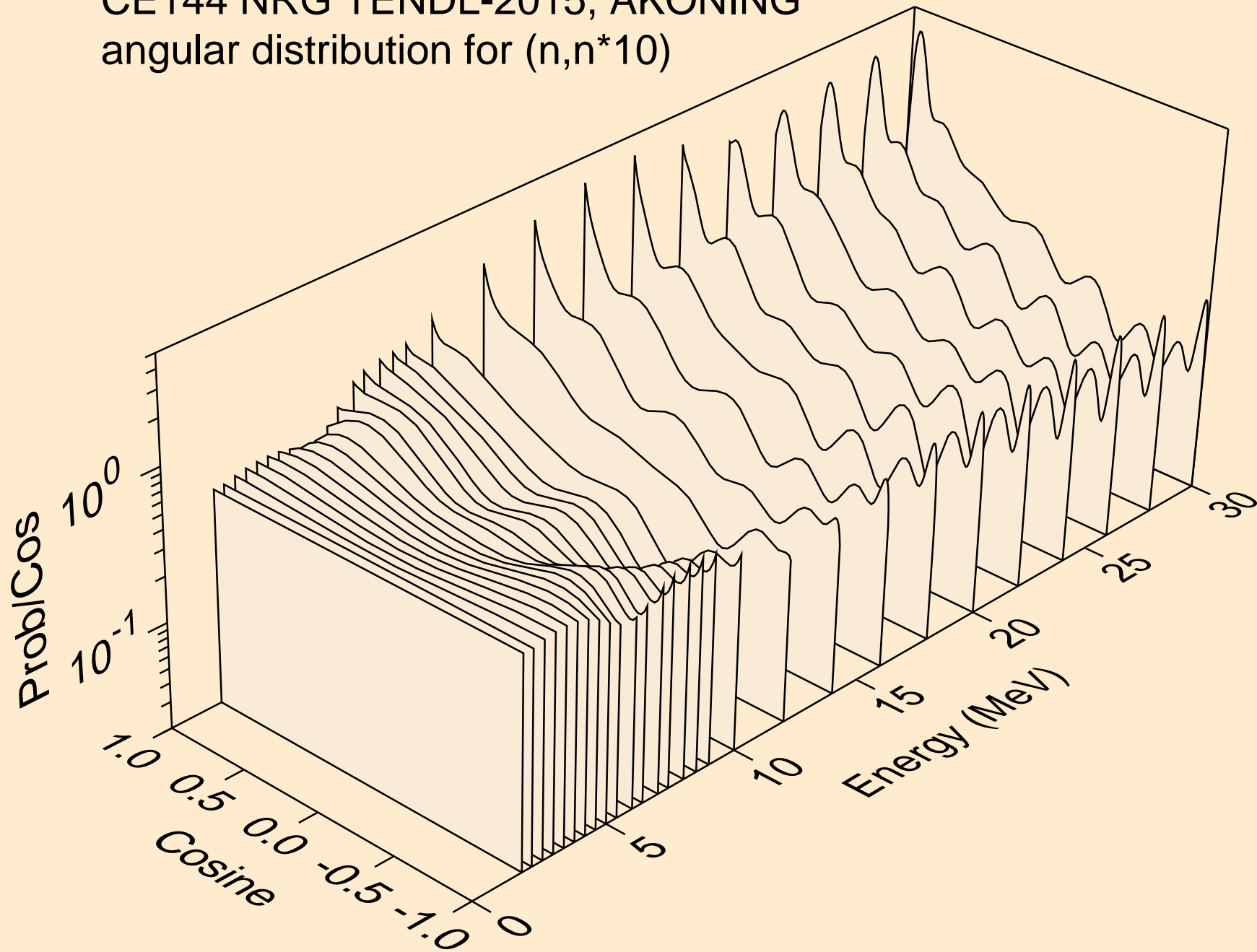




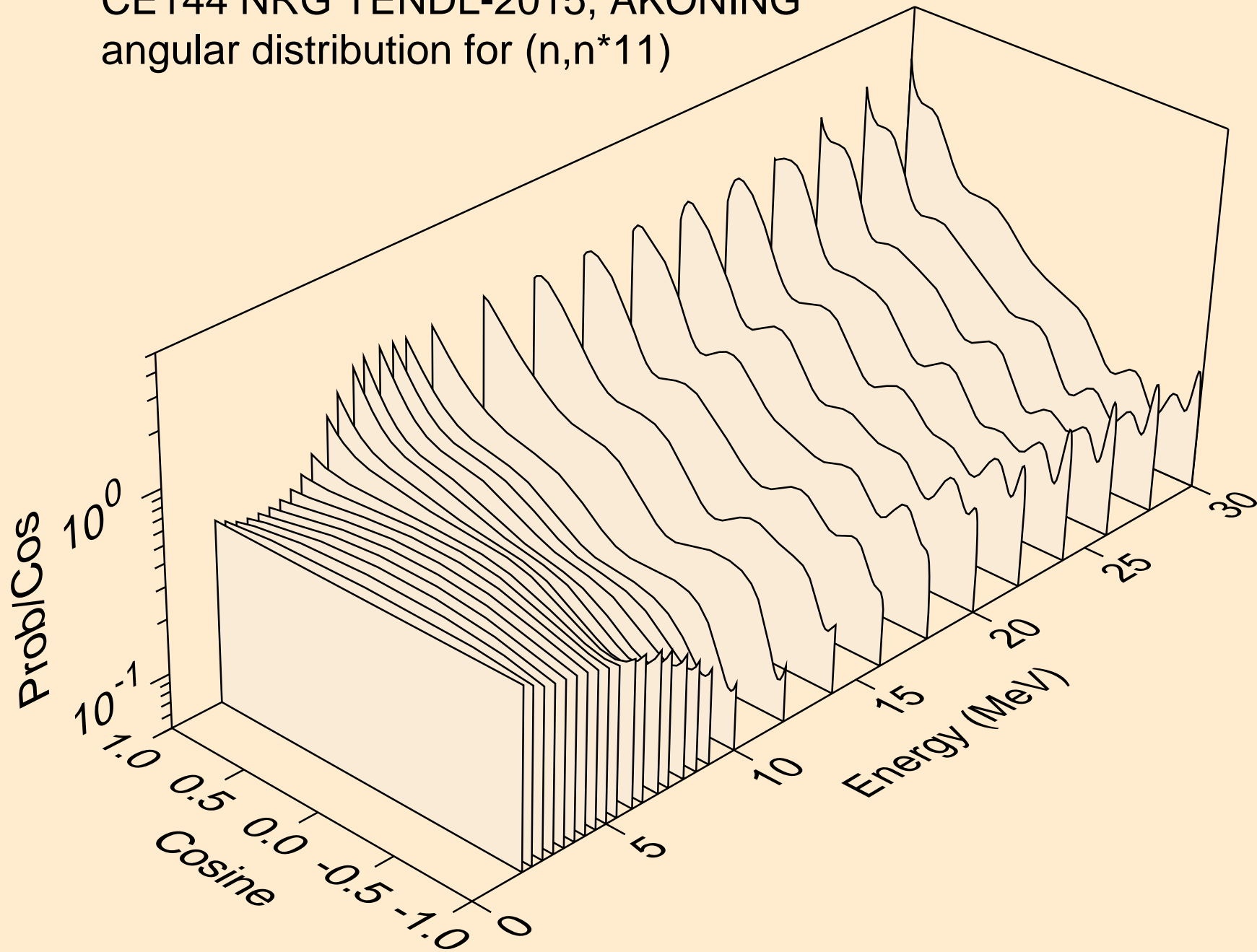
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



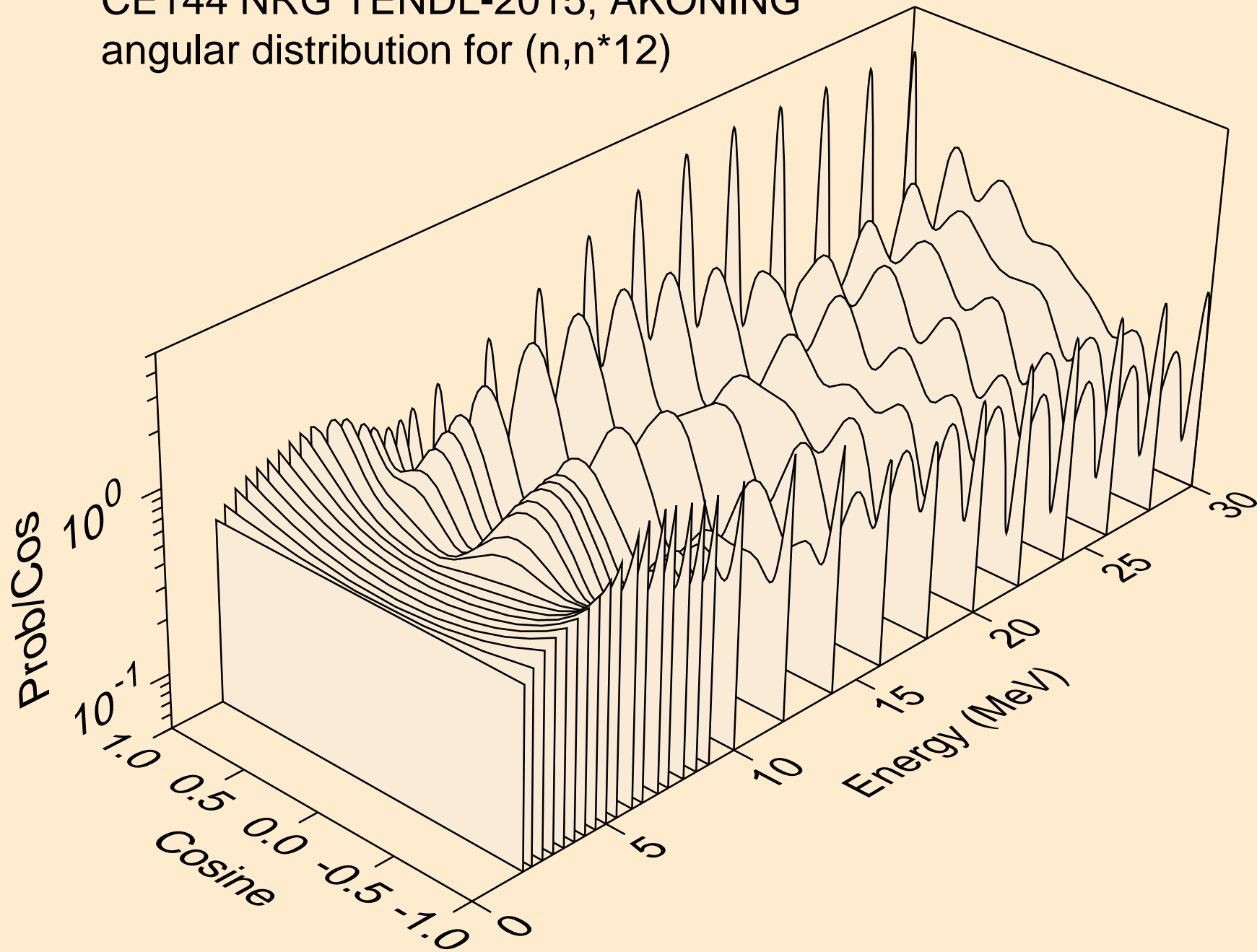
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



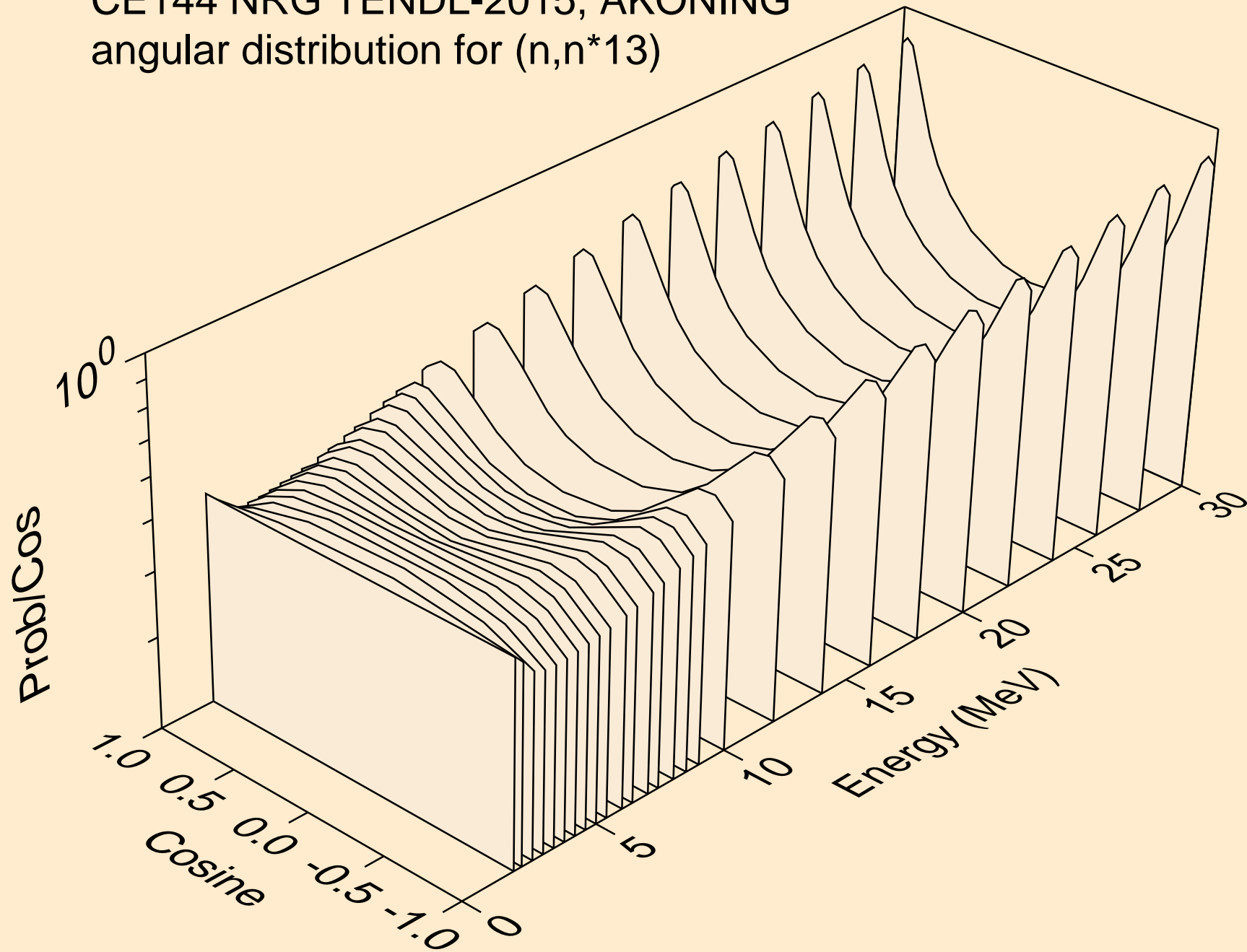
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



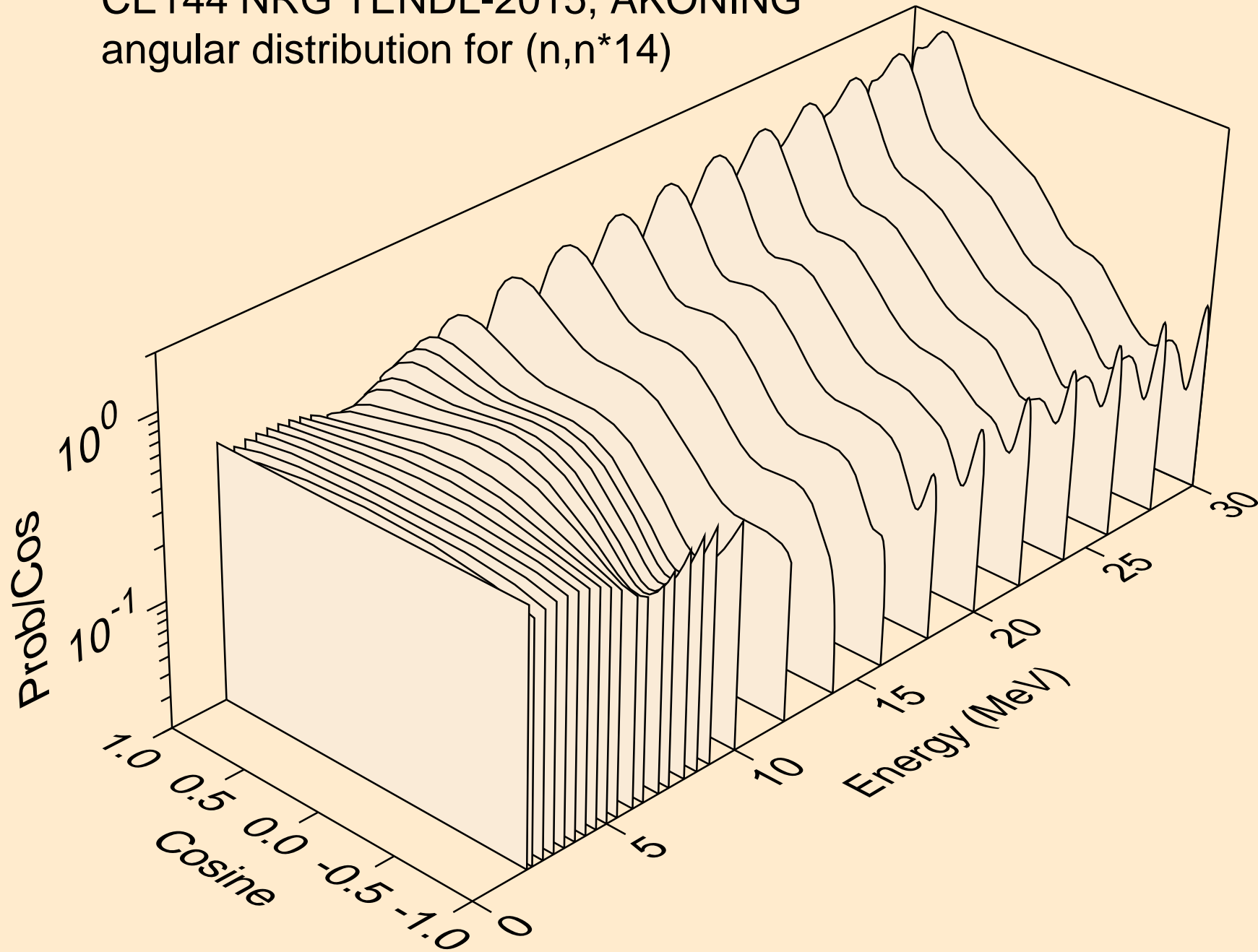
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



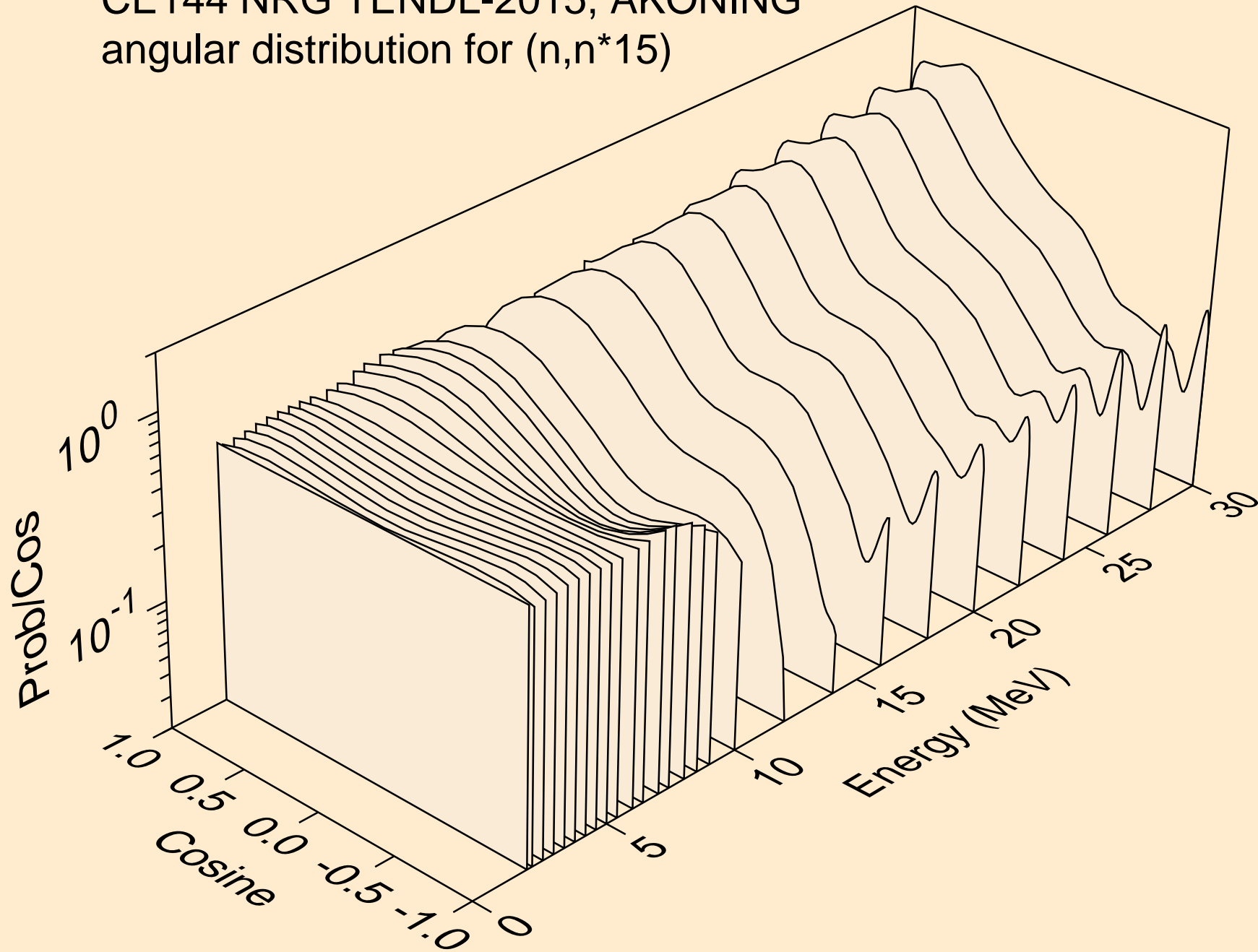
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



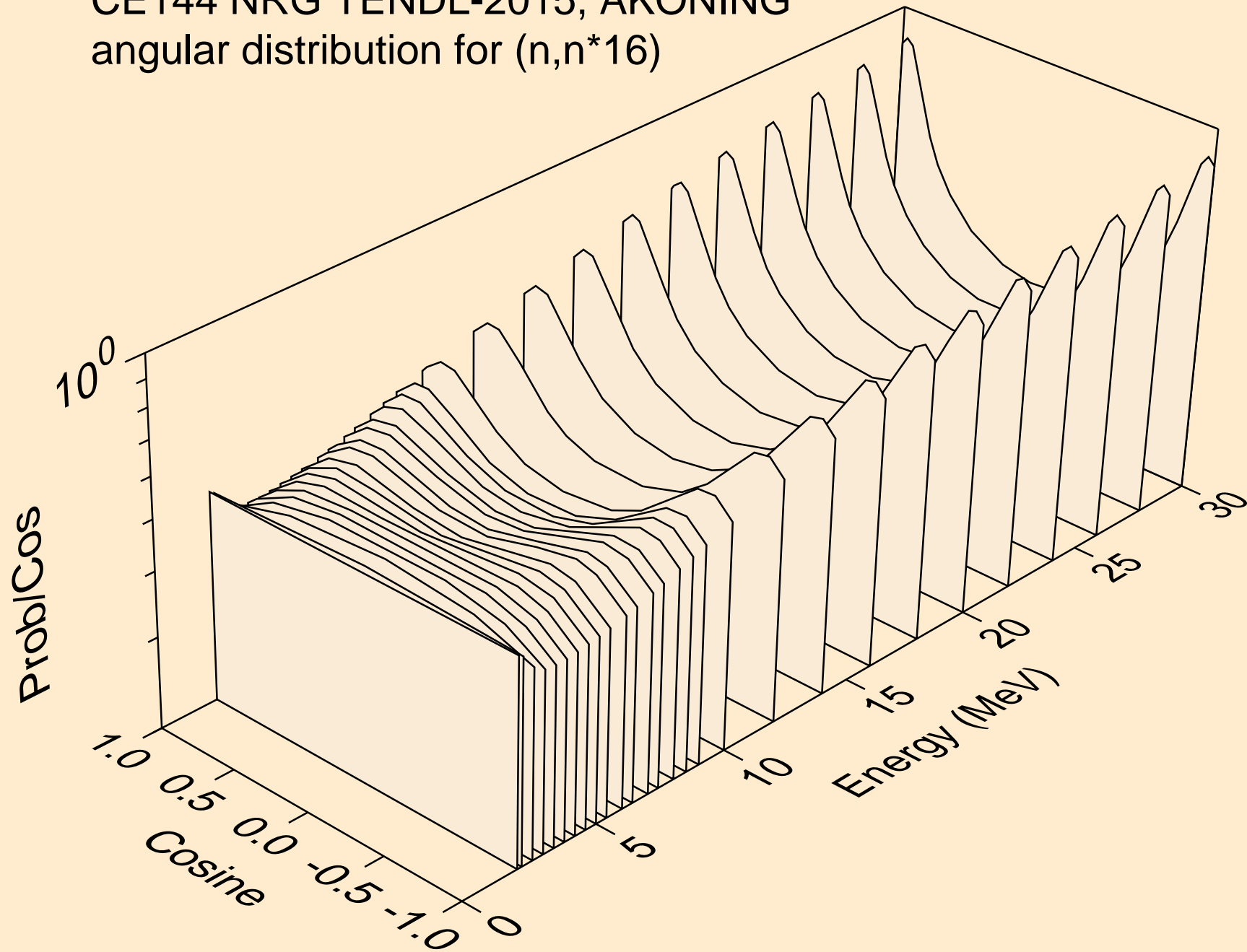
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

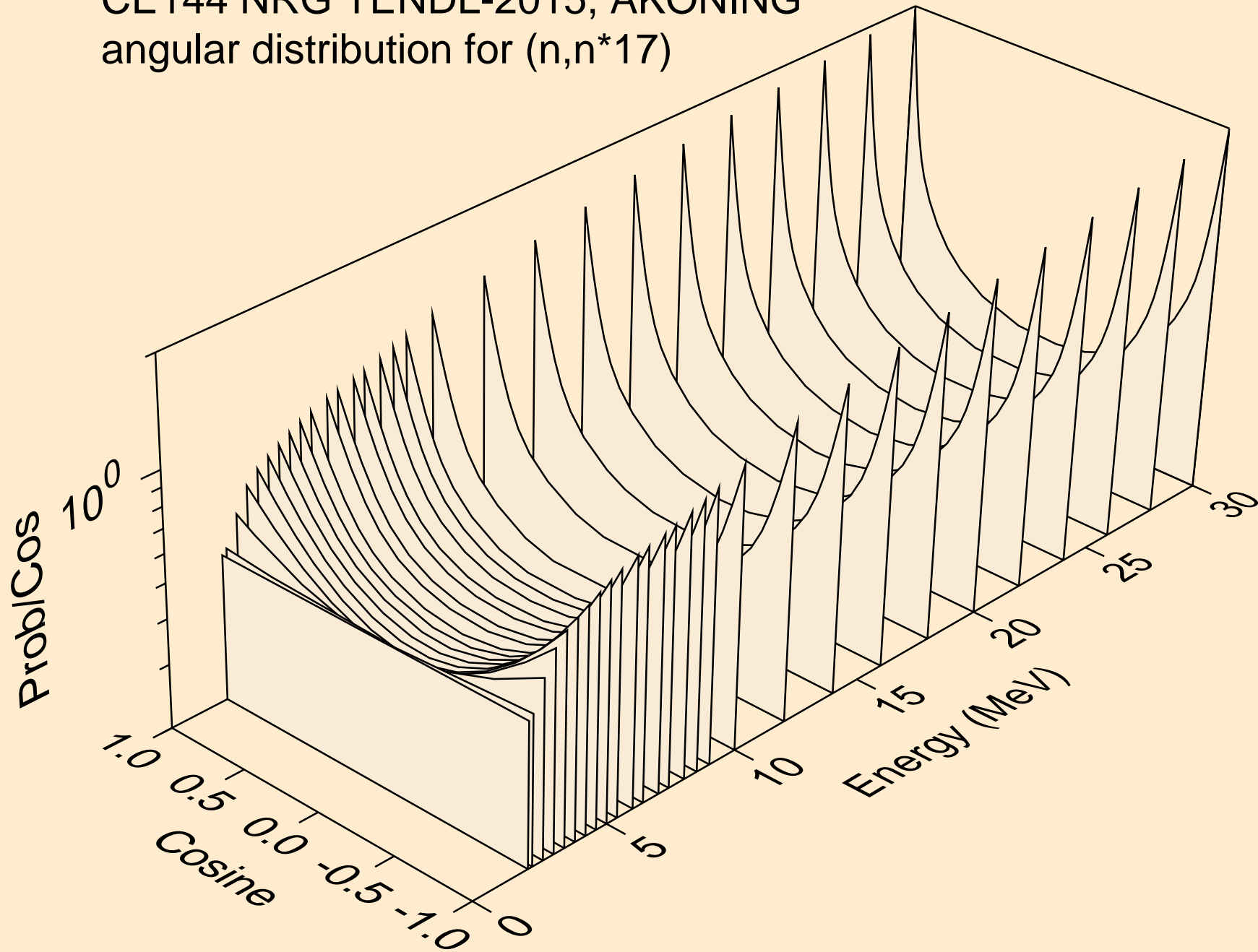


CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

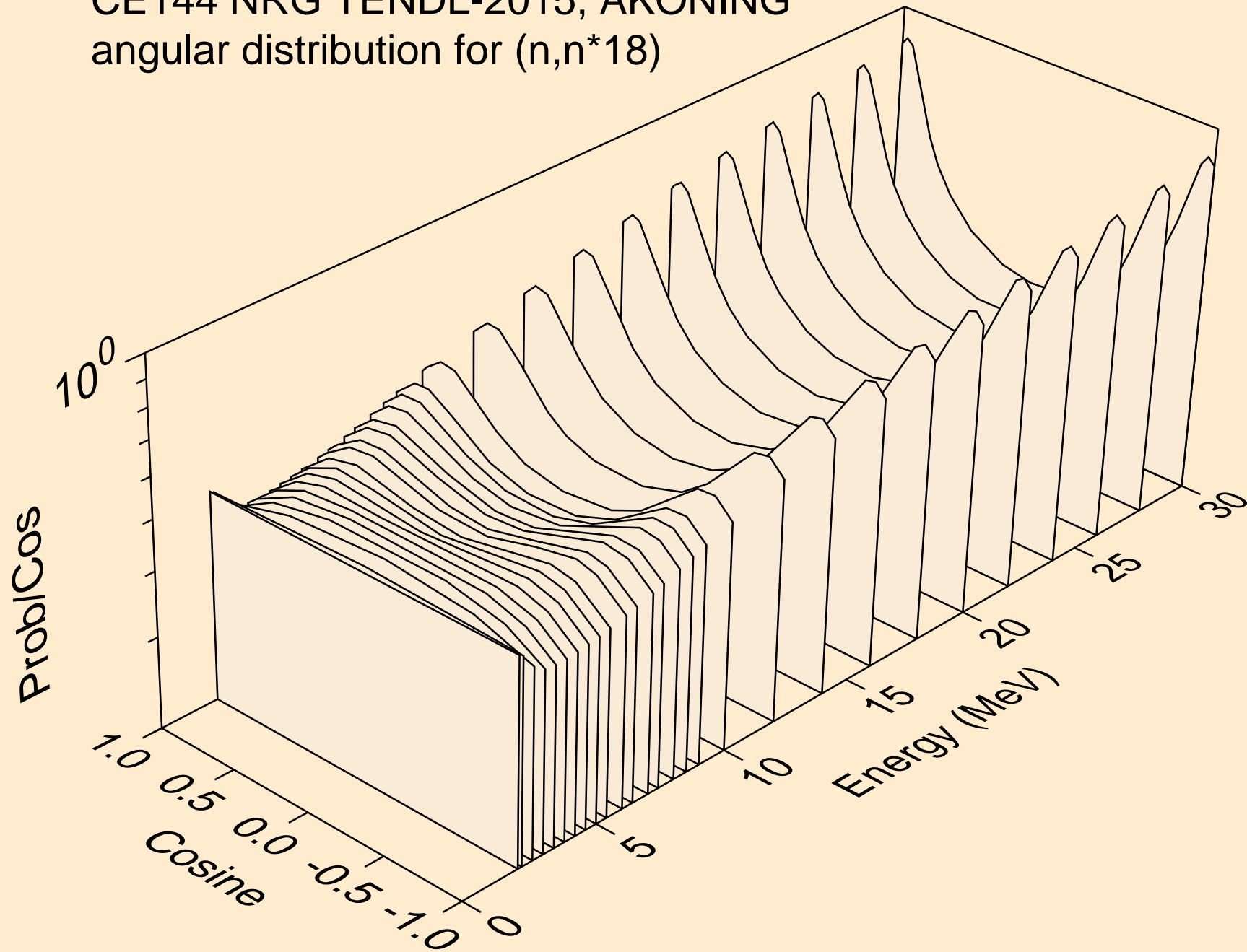




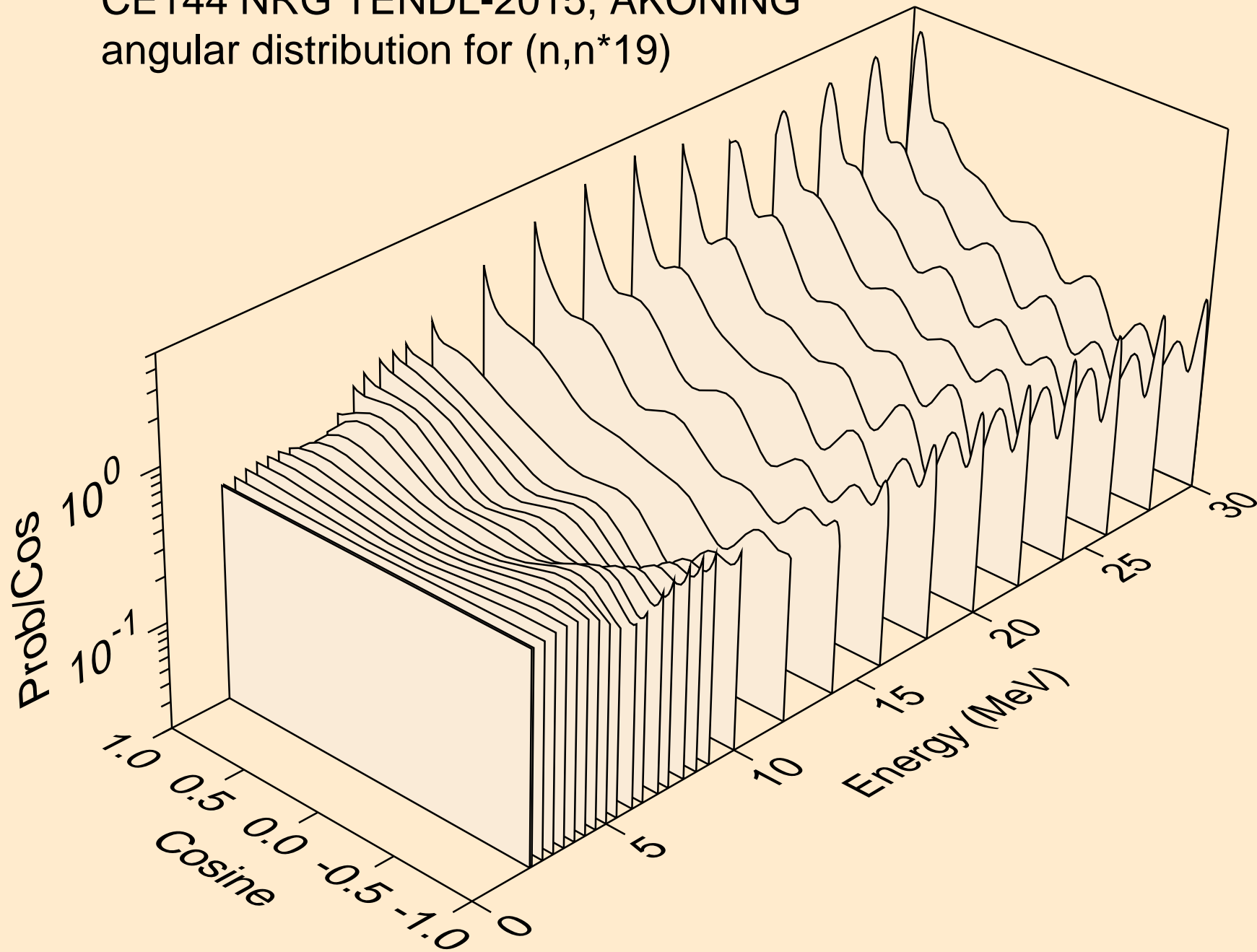
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



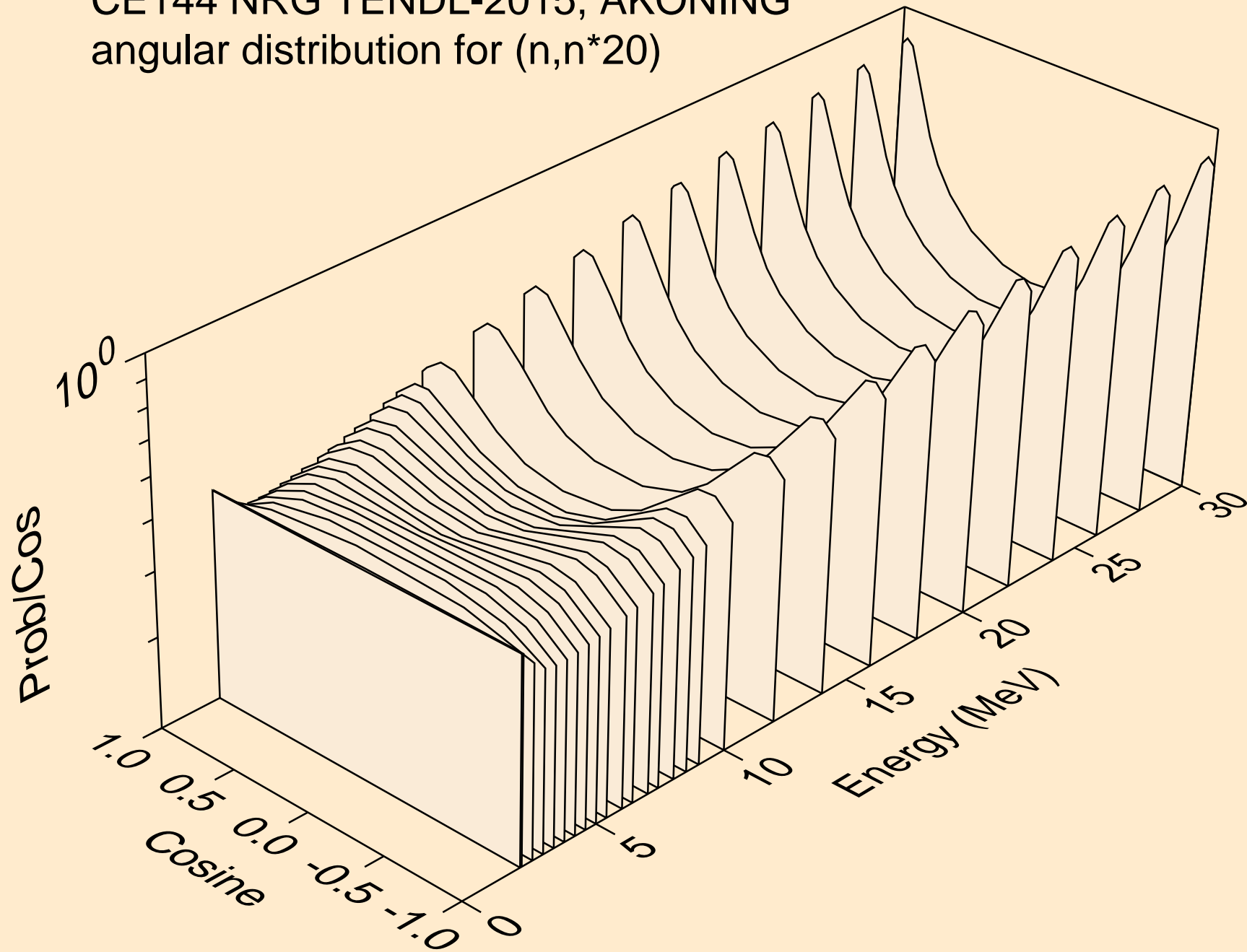
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



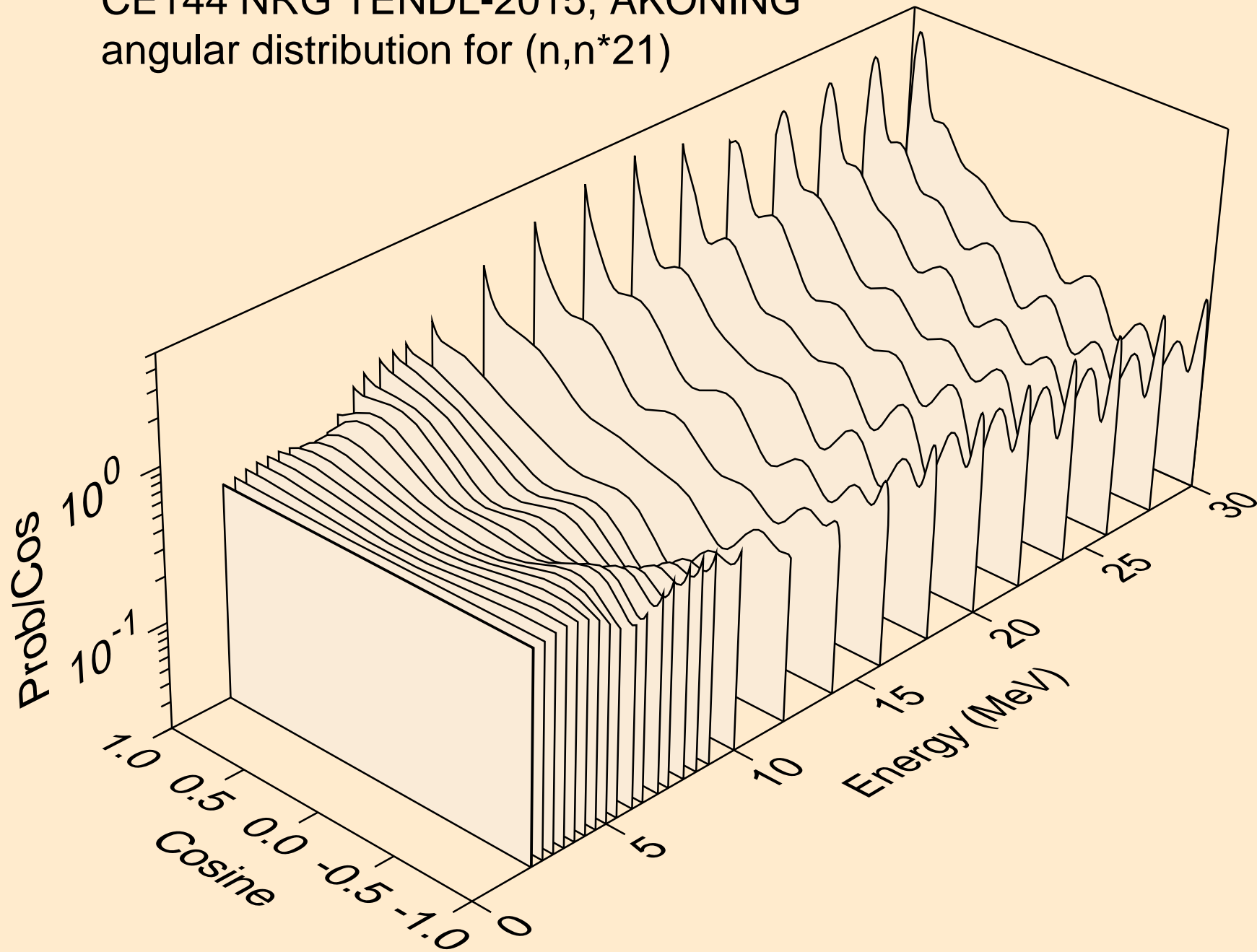
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



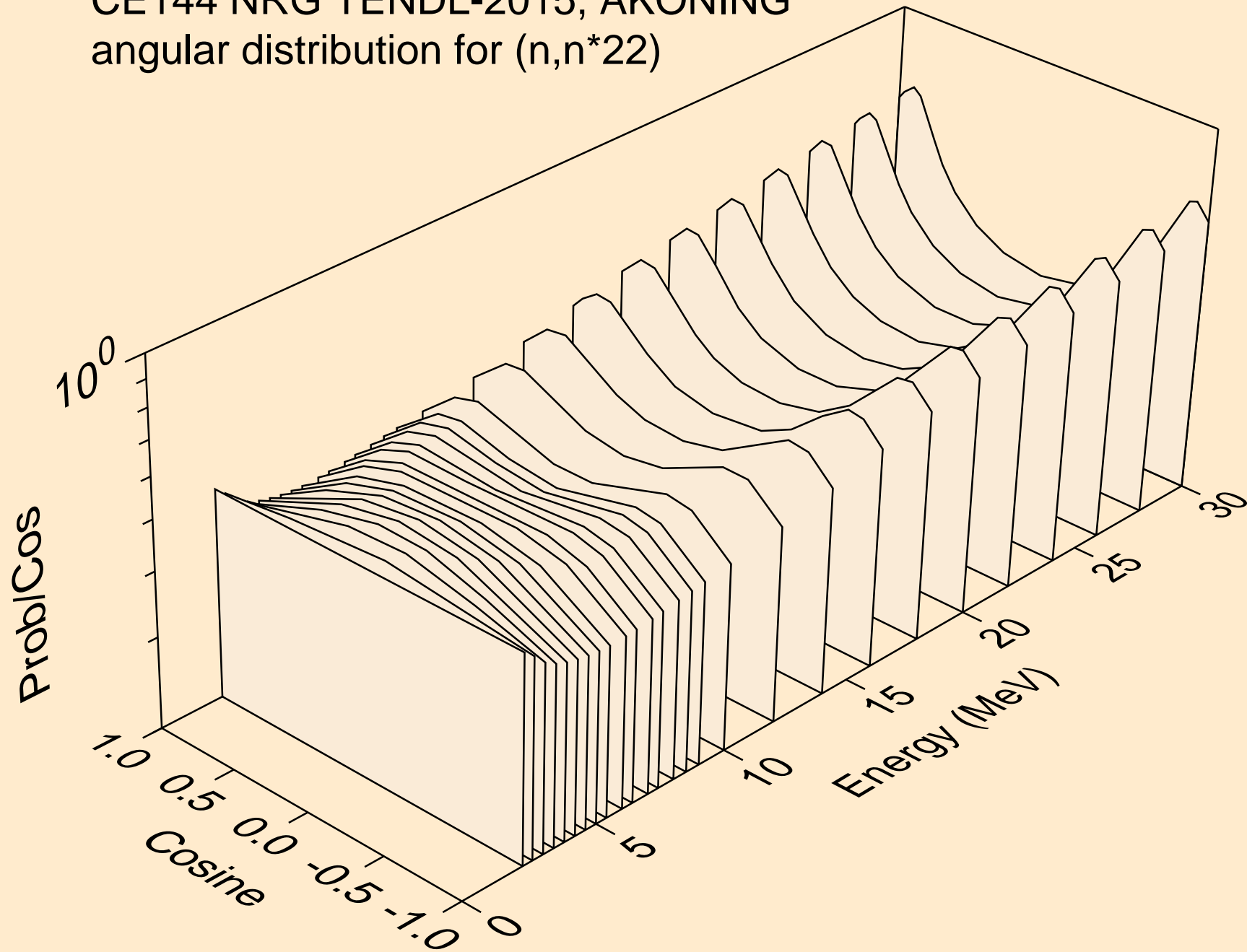
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



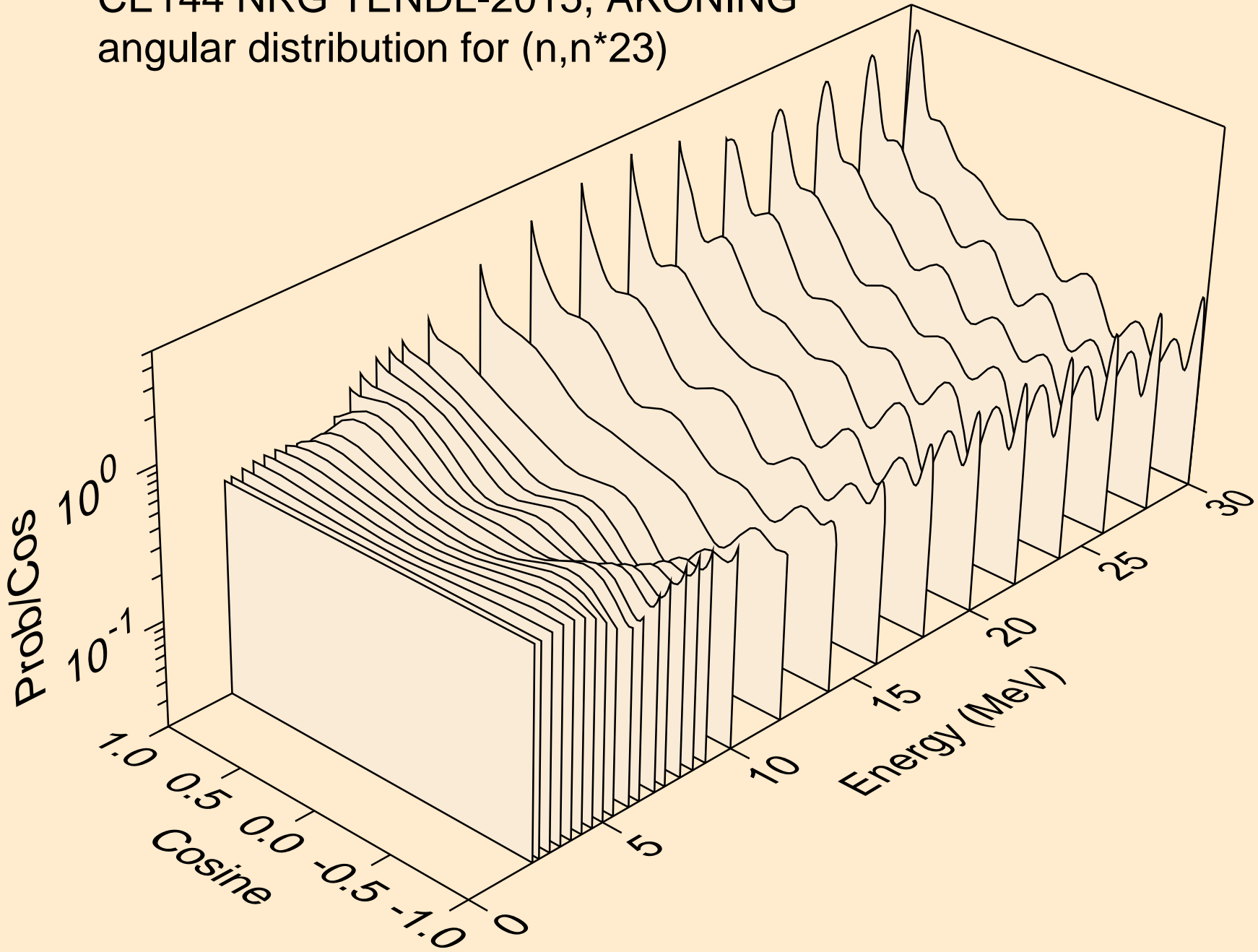
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



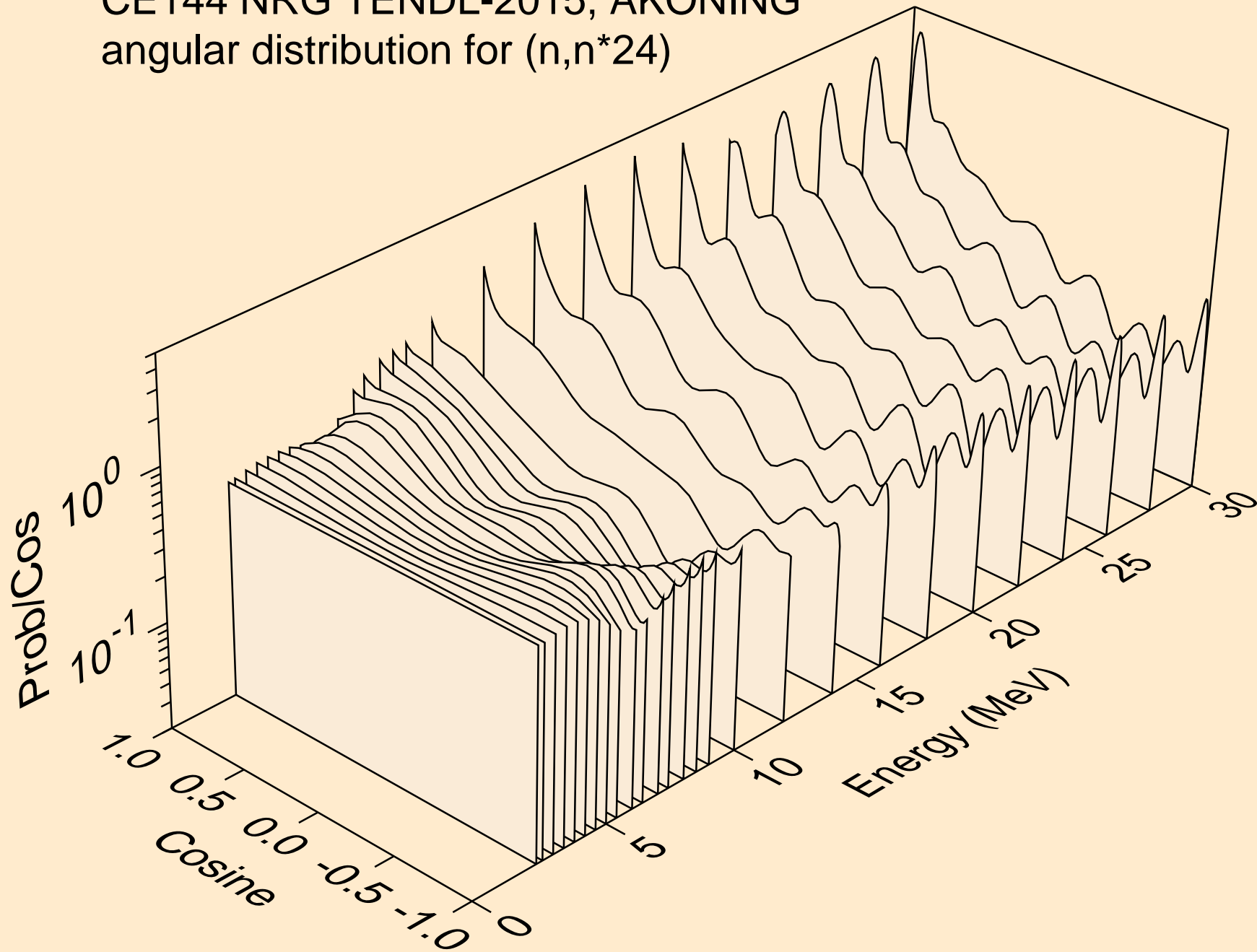
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

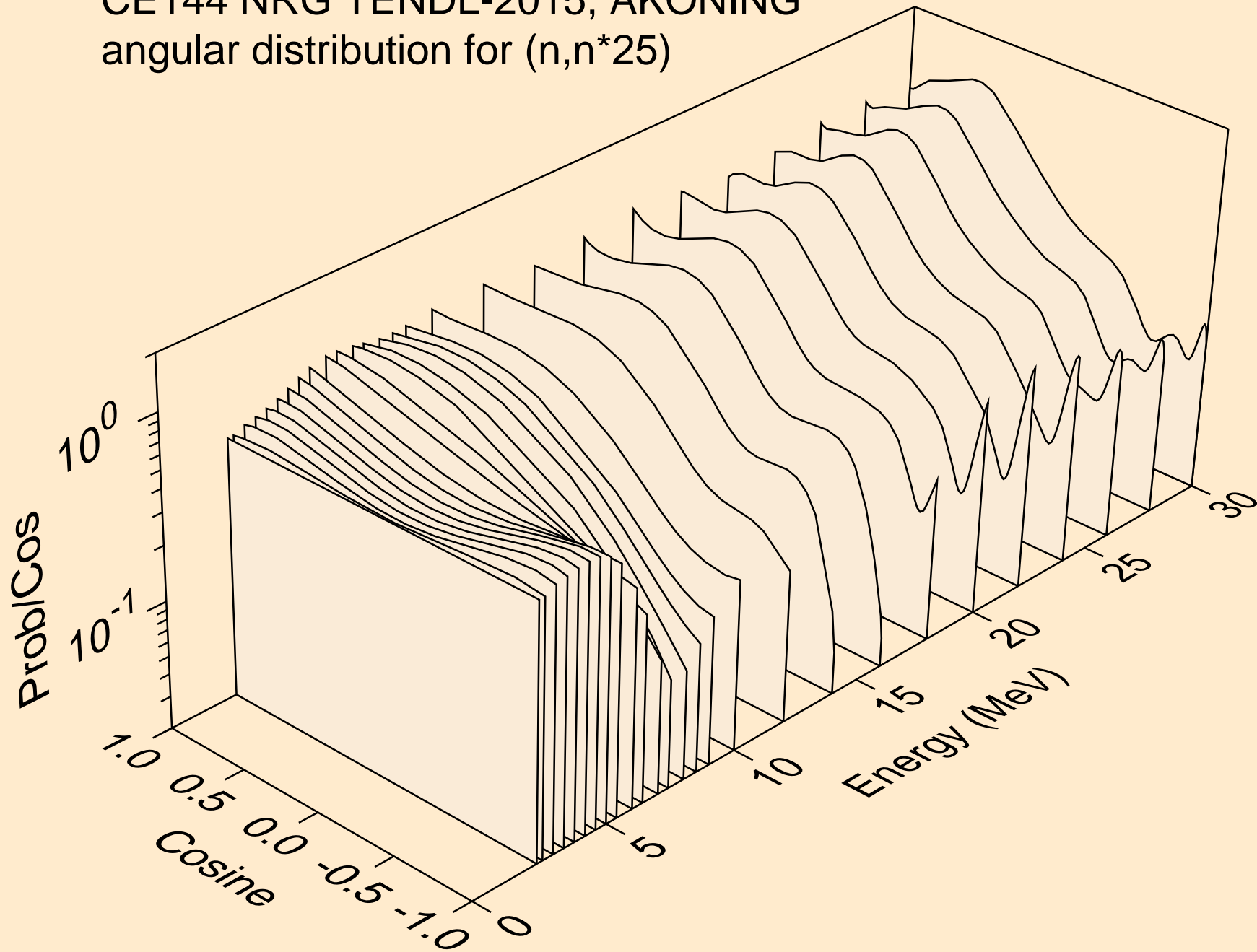


CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

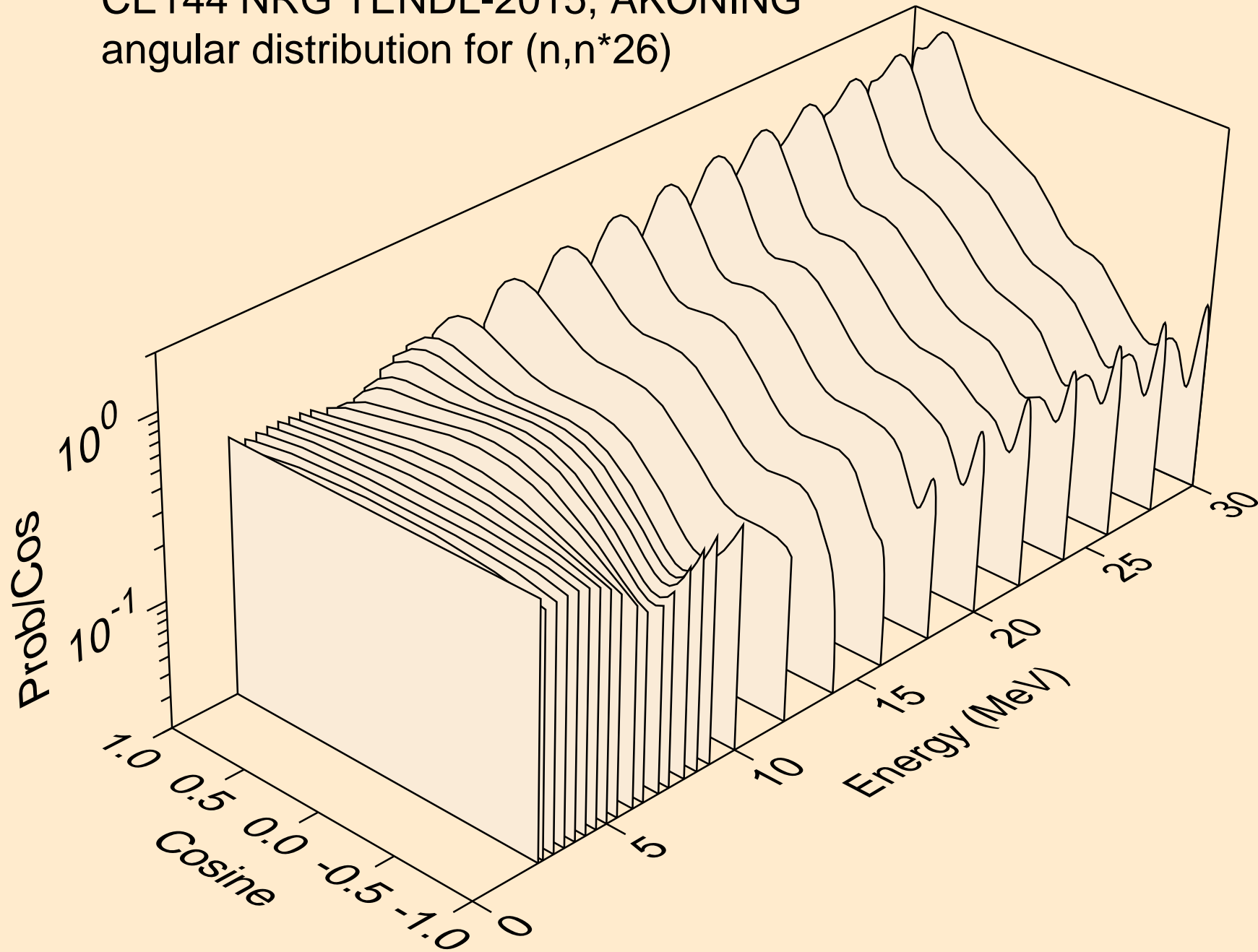




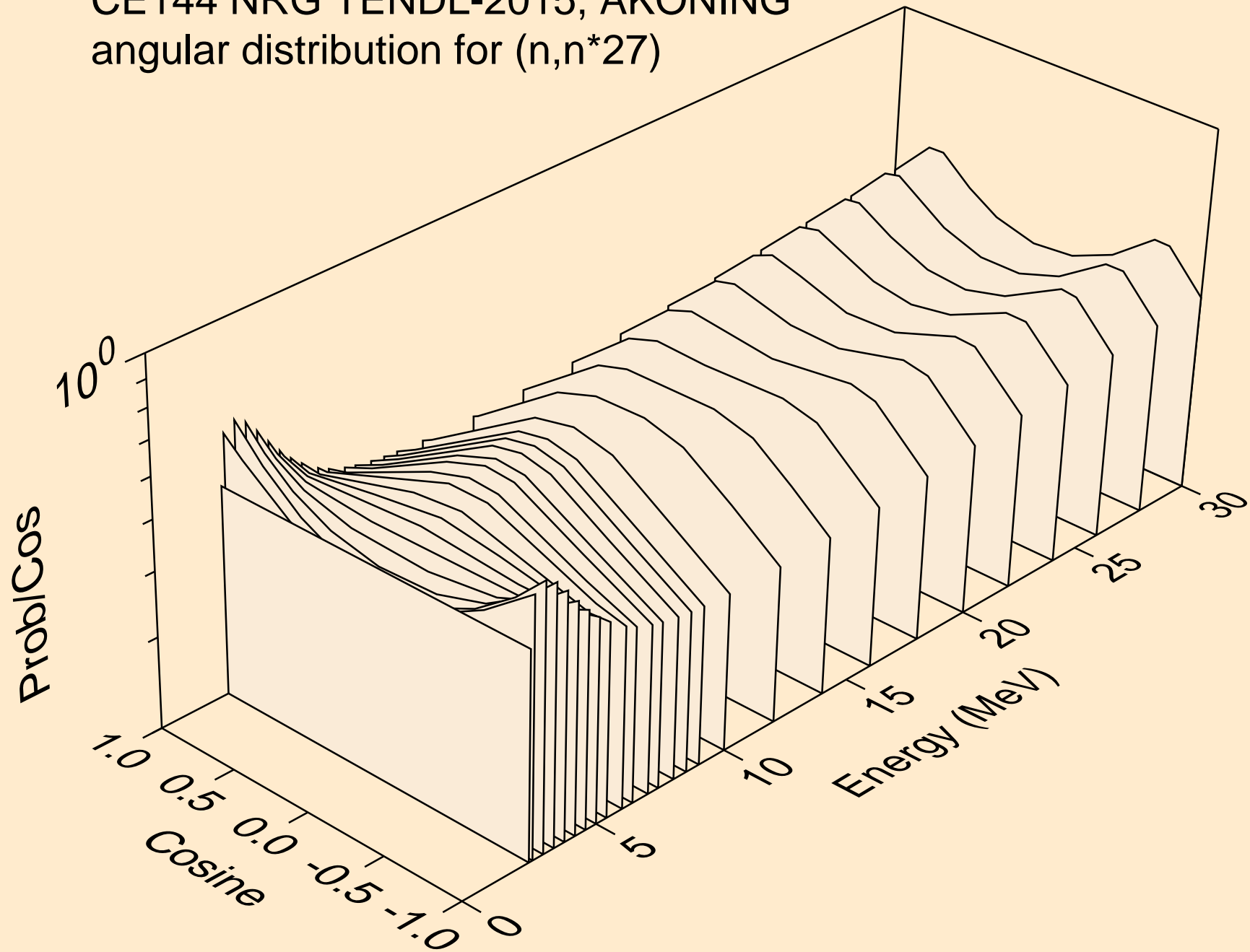
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



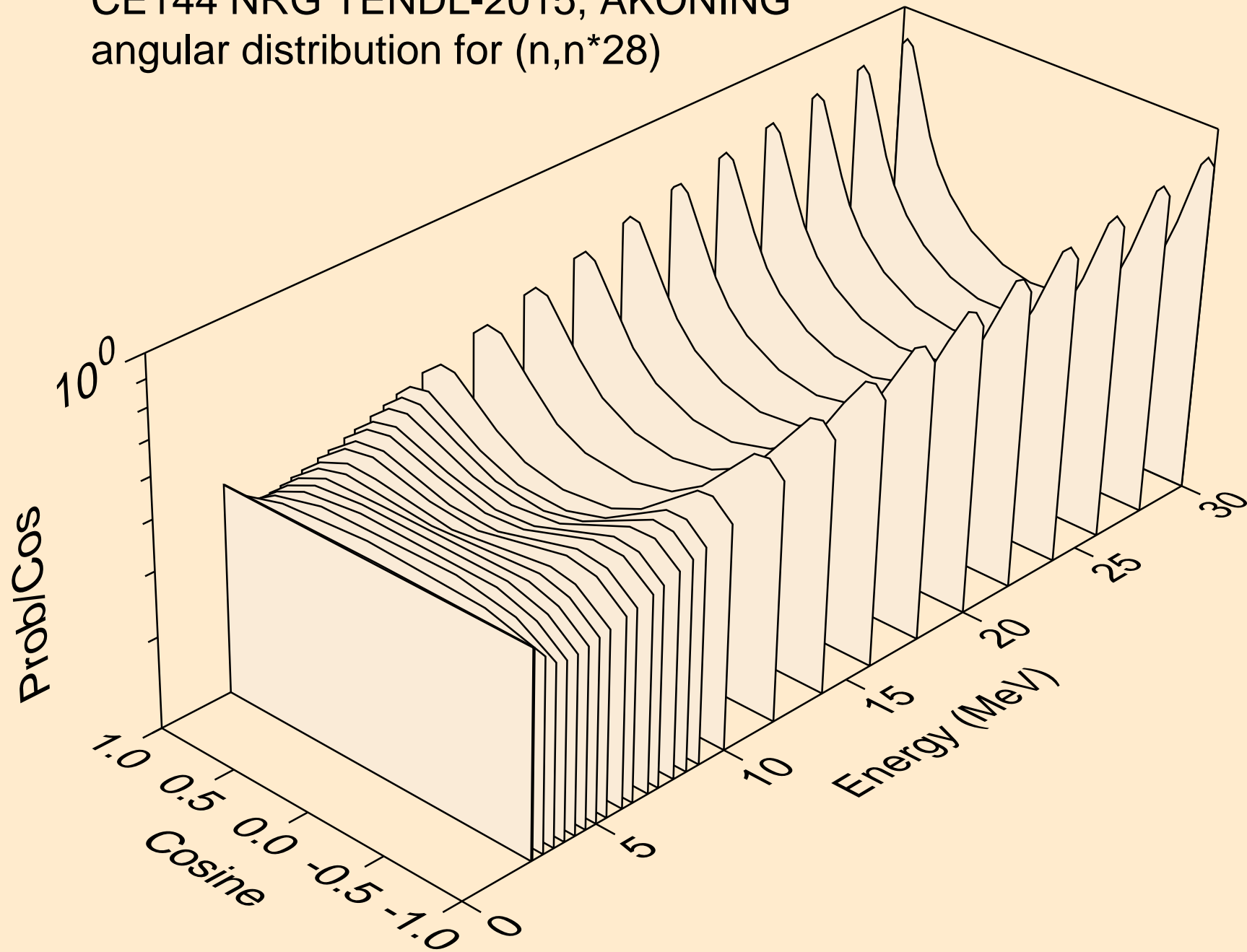
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



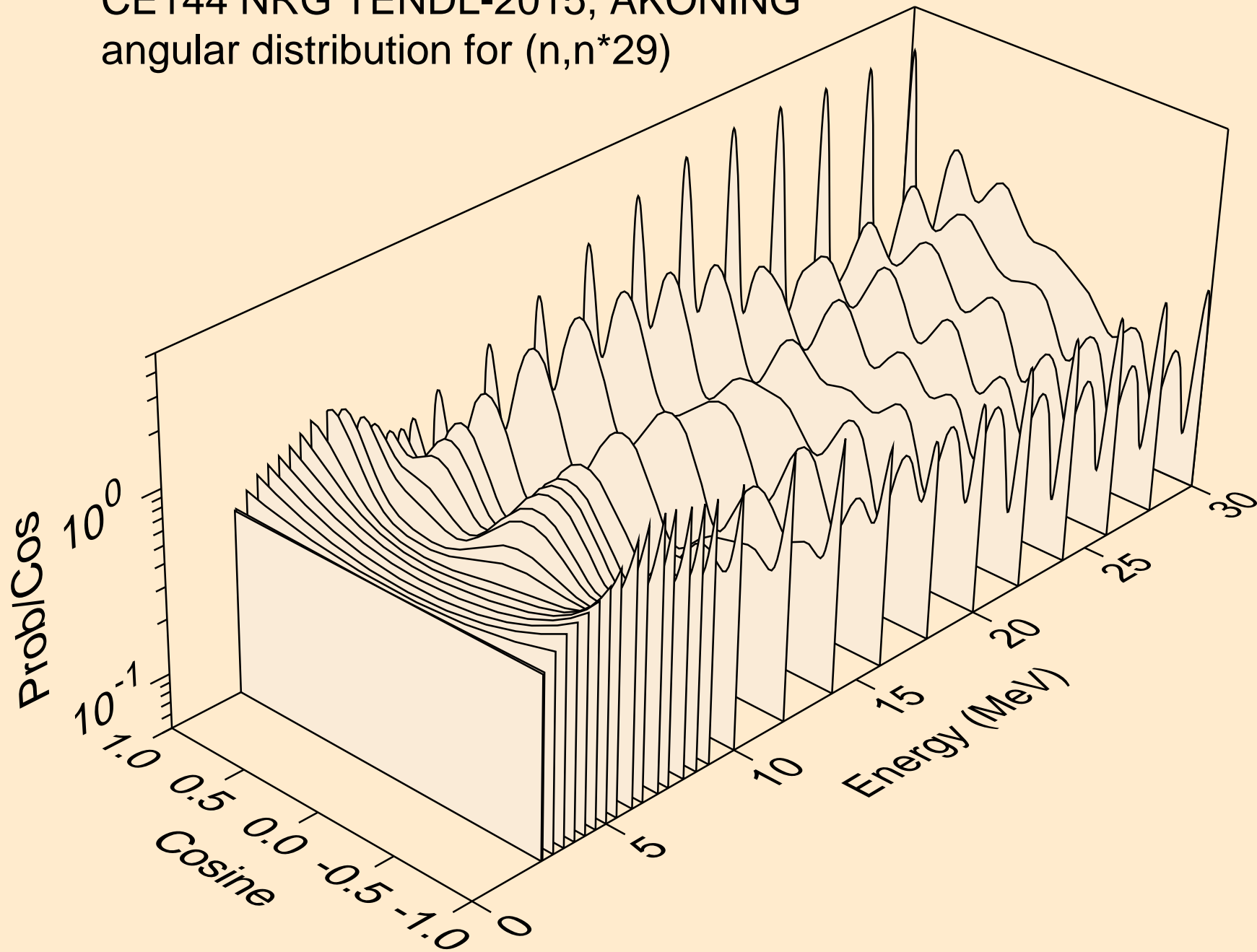
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



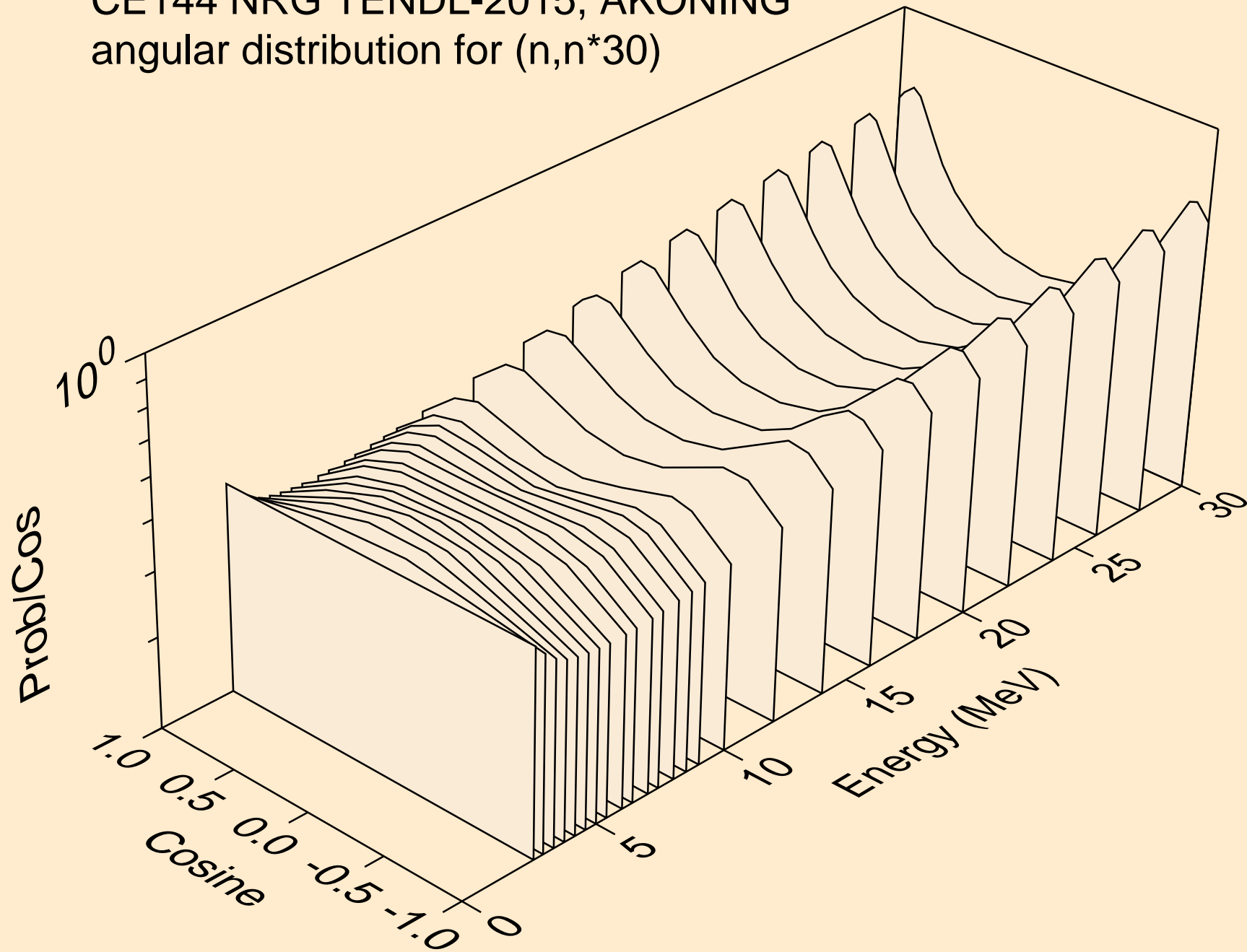
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



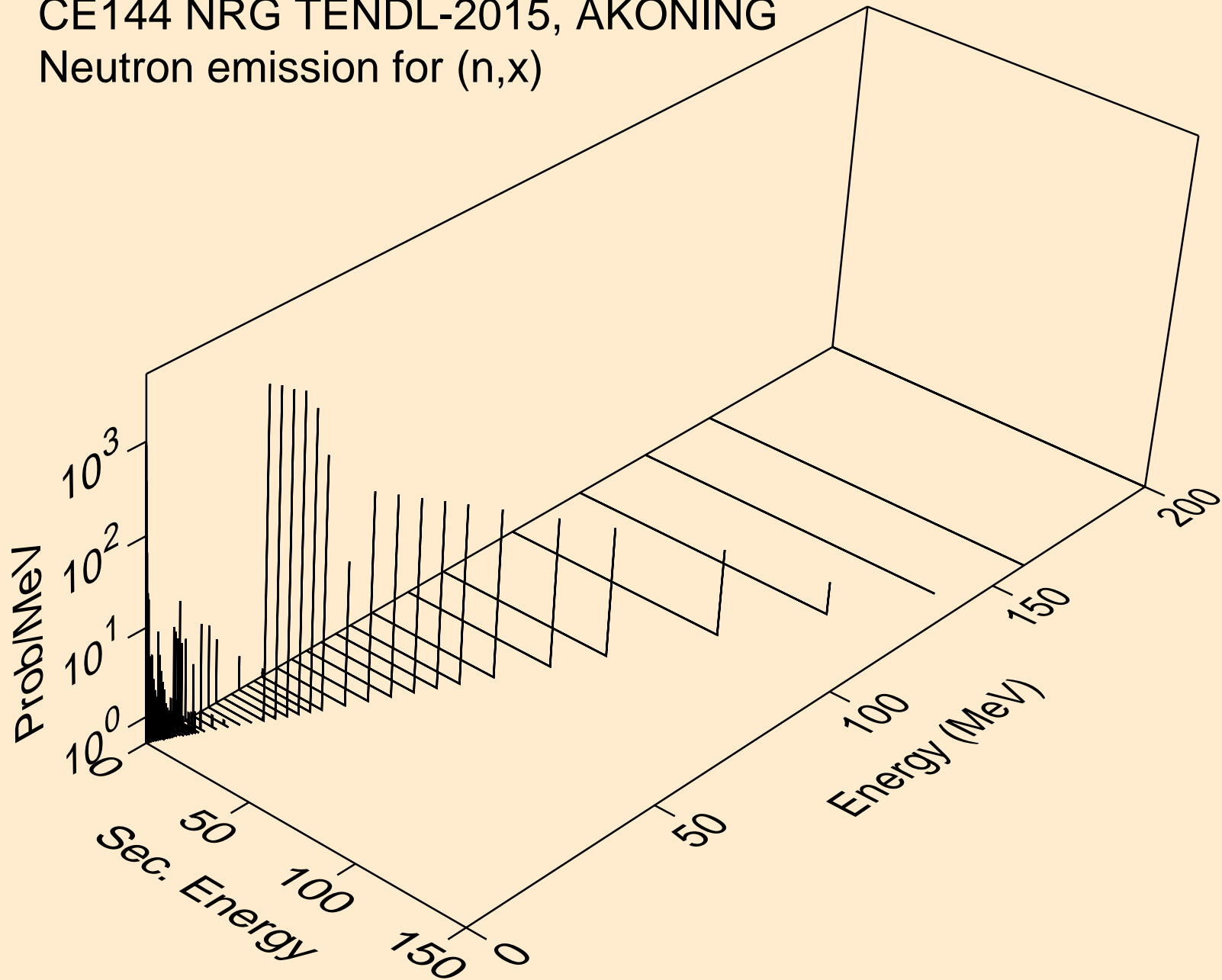
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



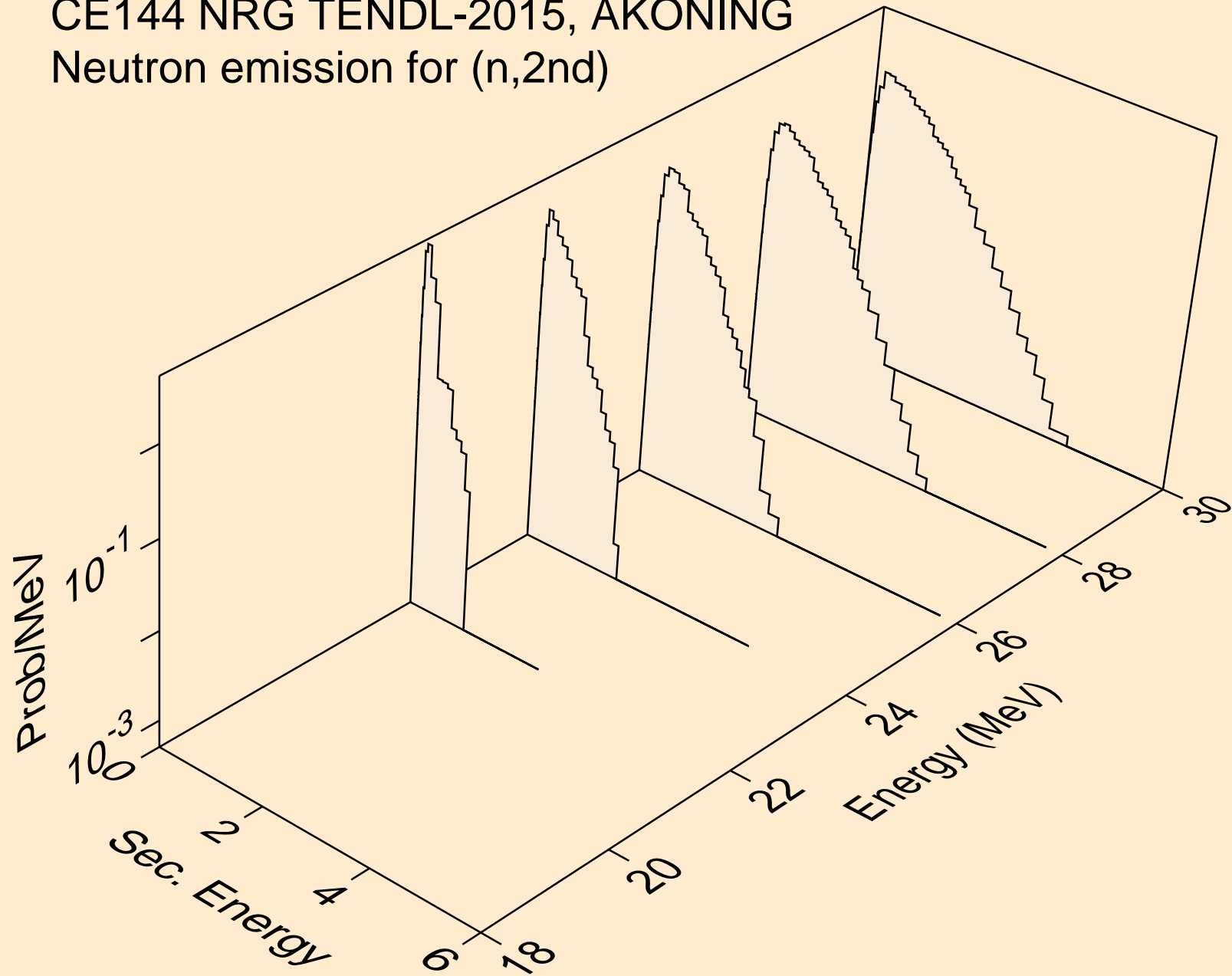
CE144 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

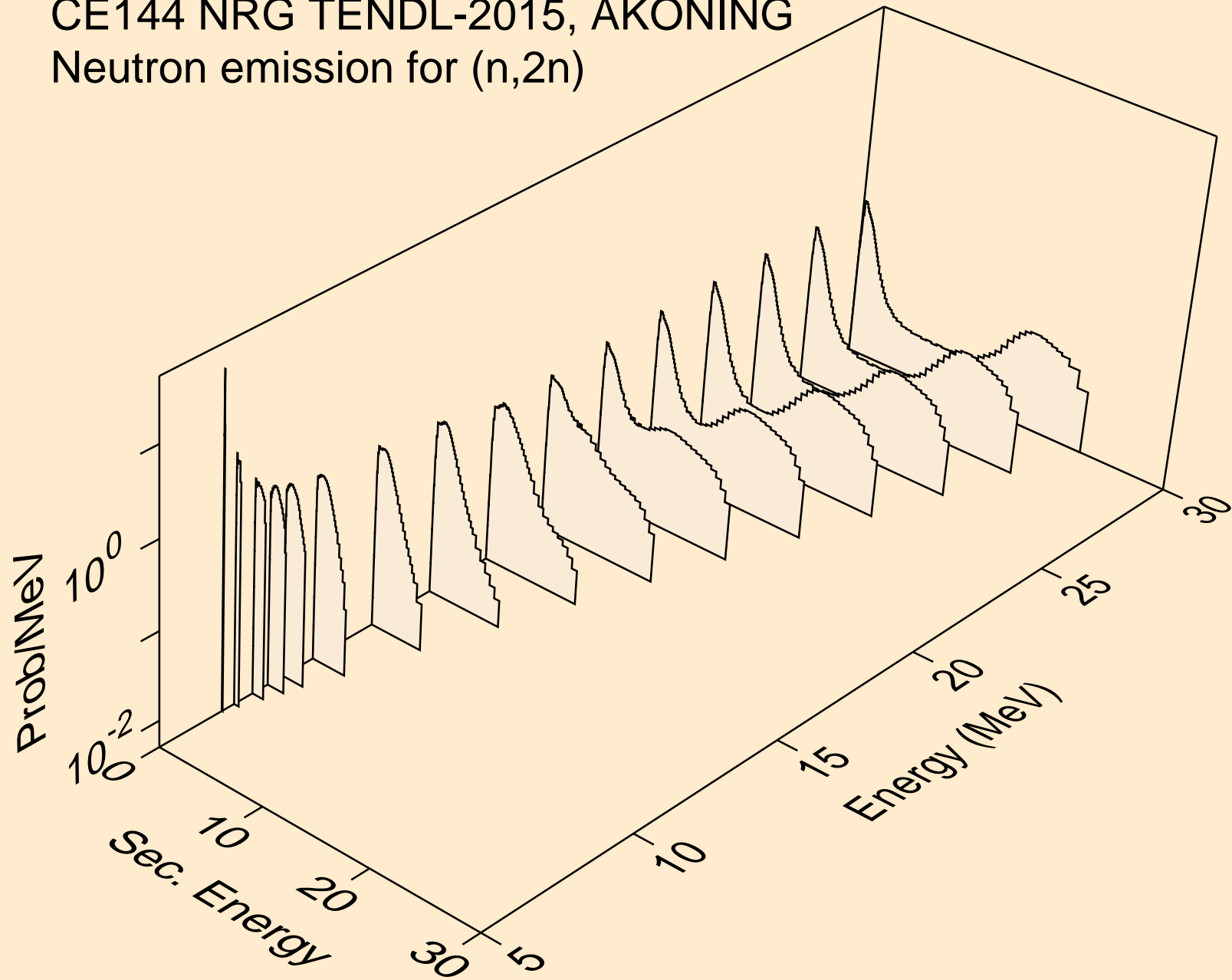


CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

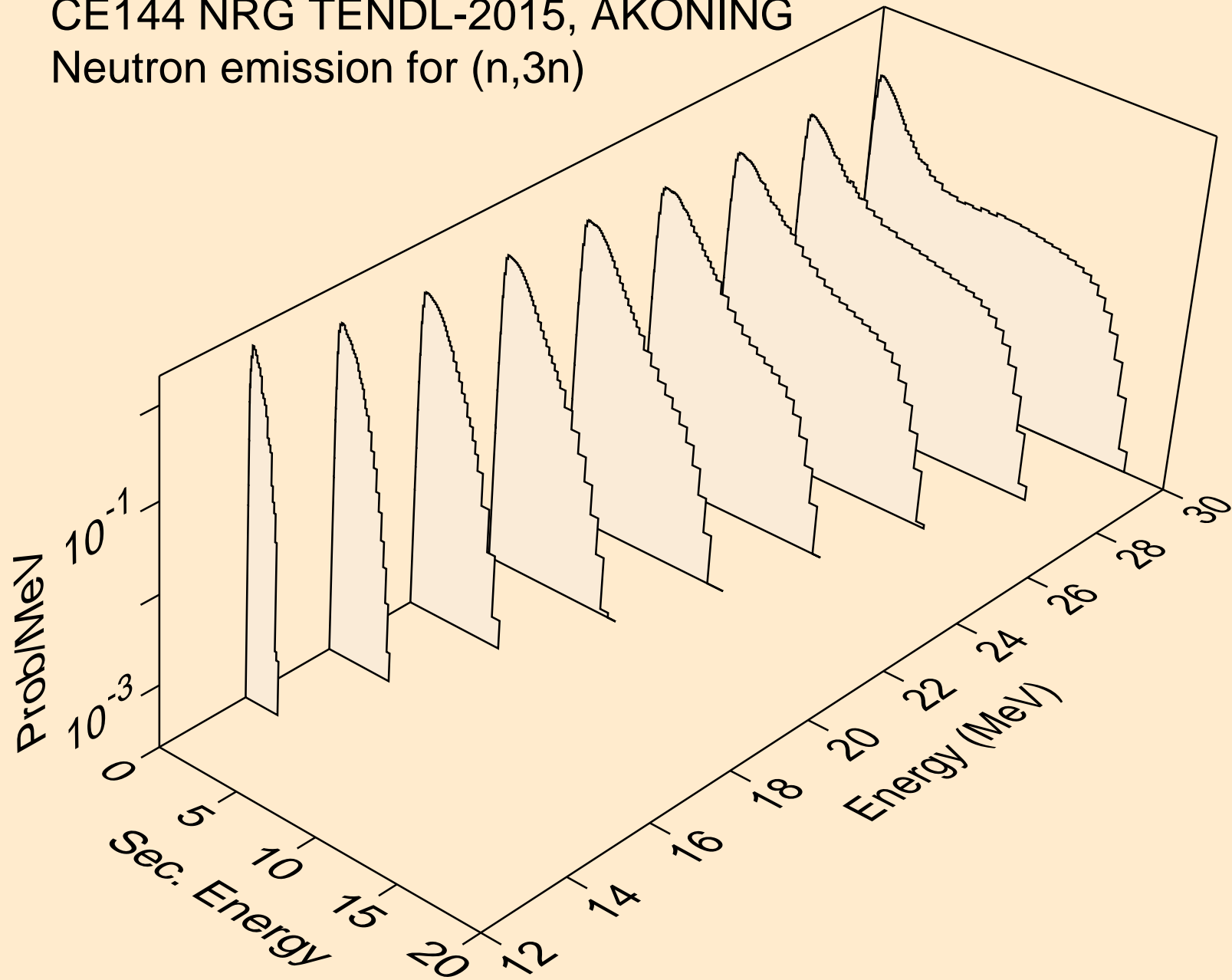




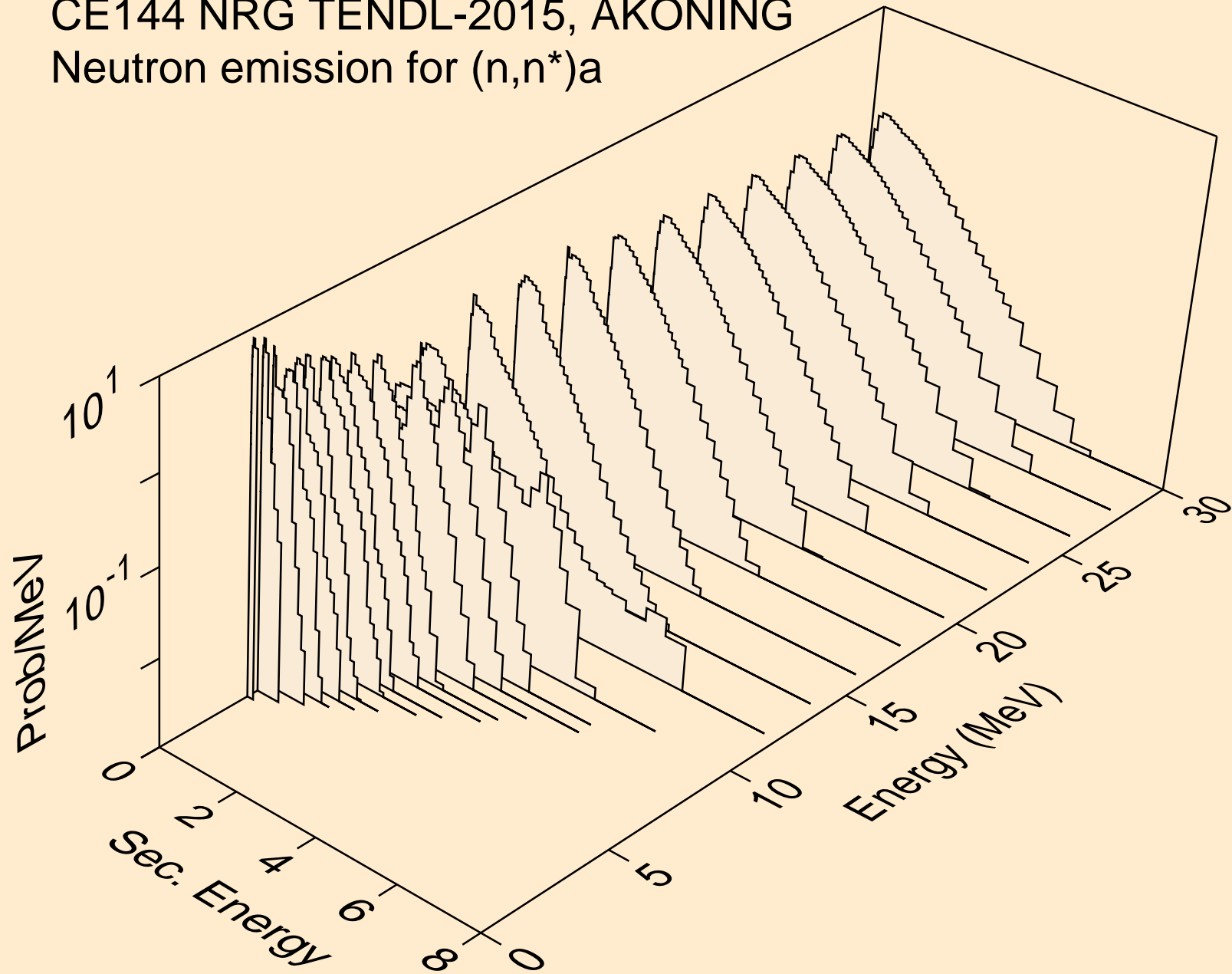
CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



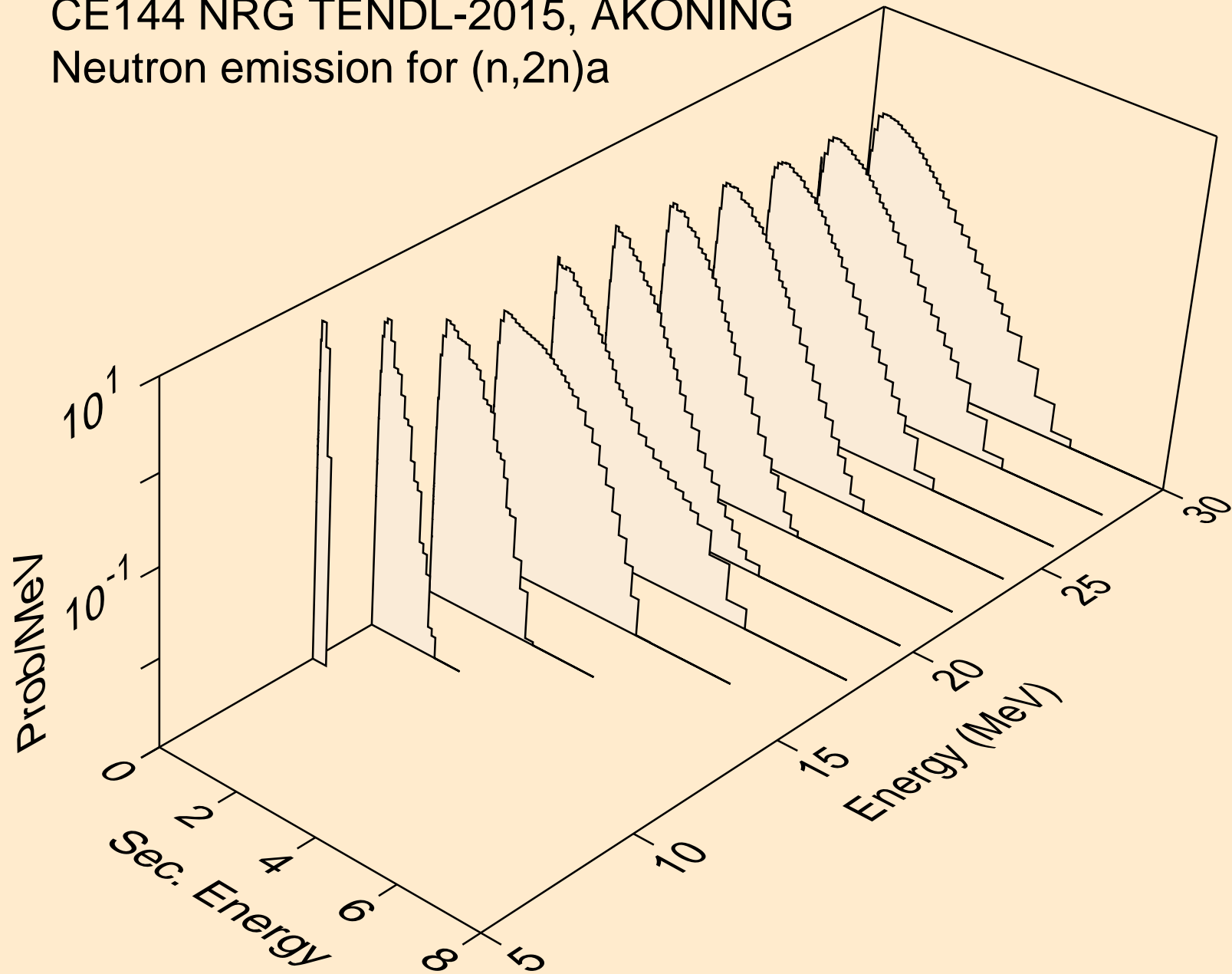
CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



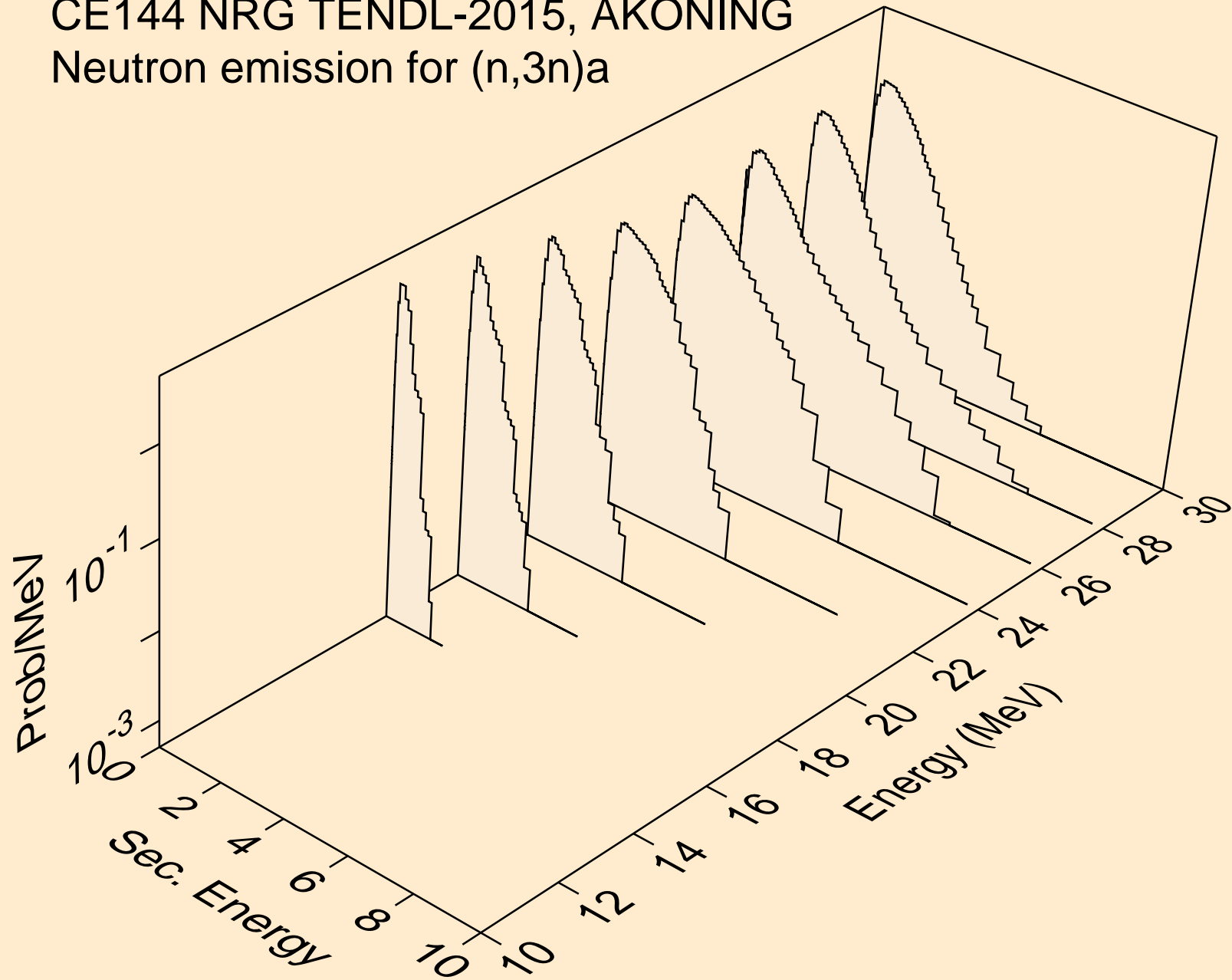
CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



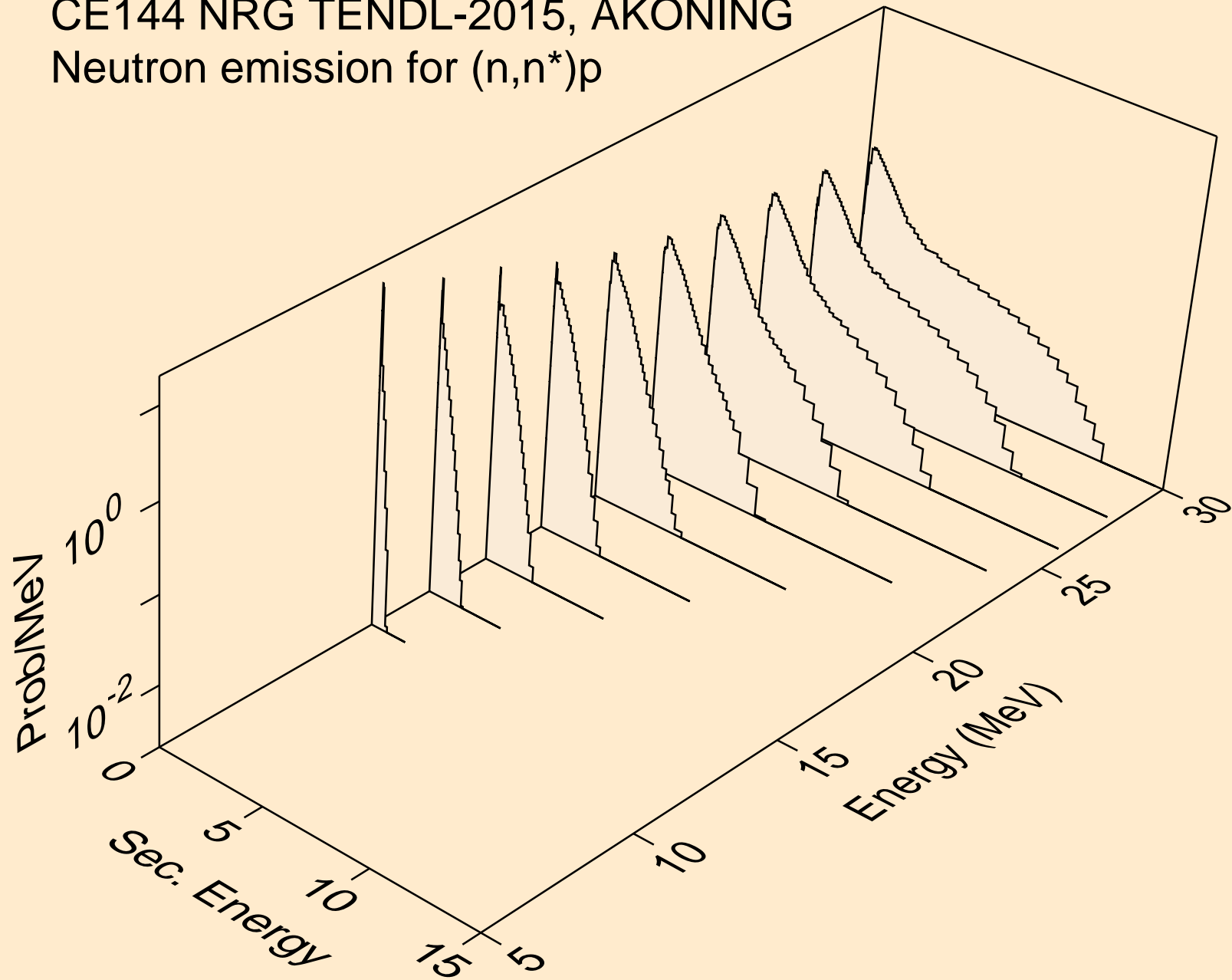
CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



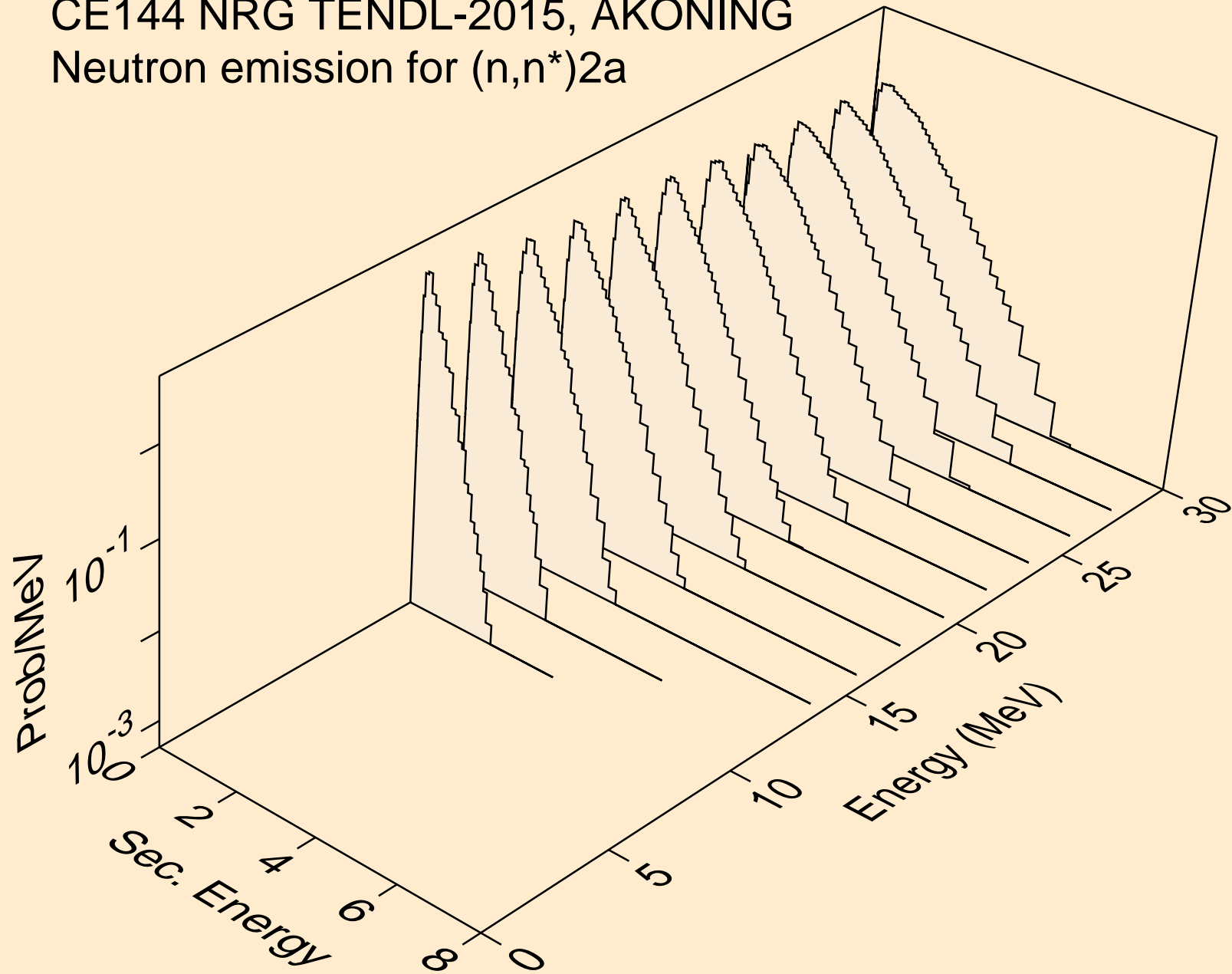
CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



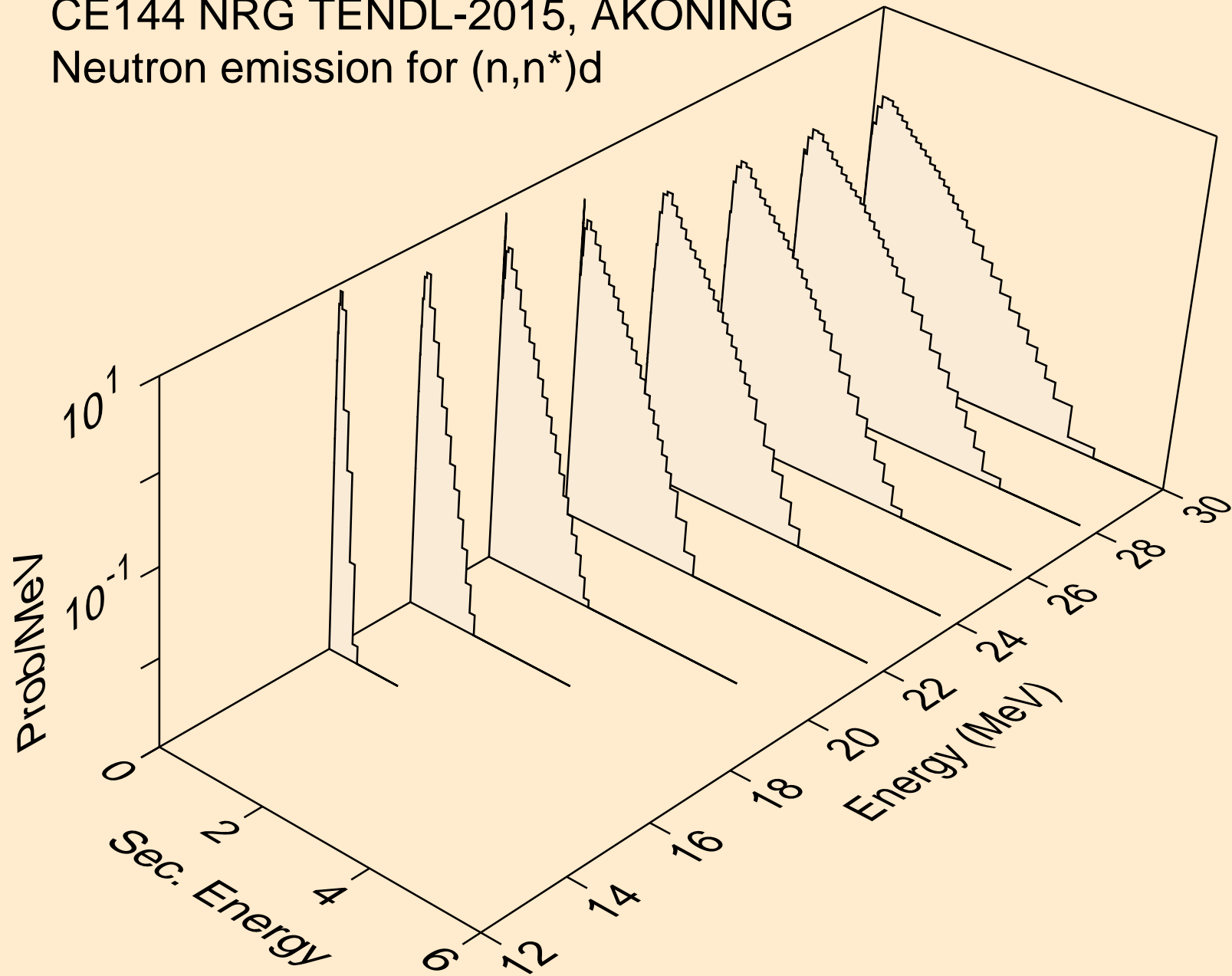
CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

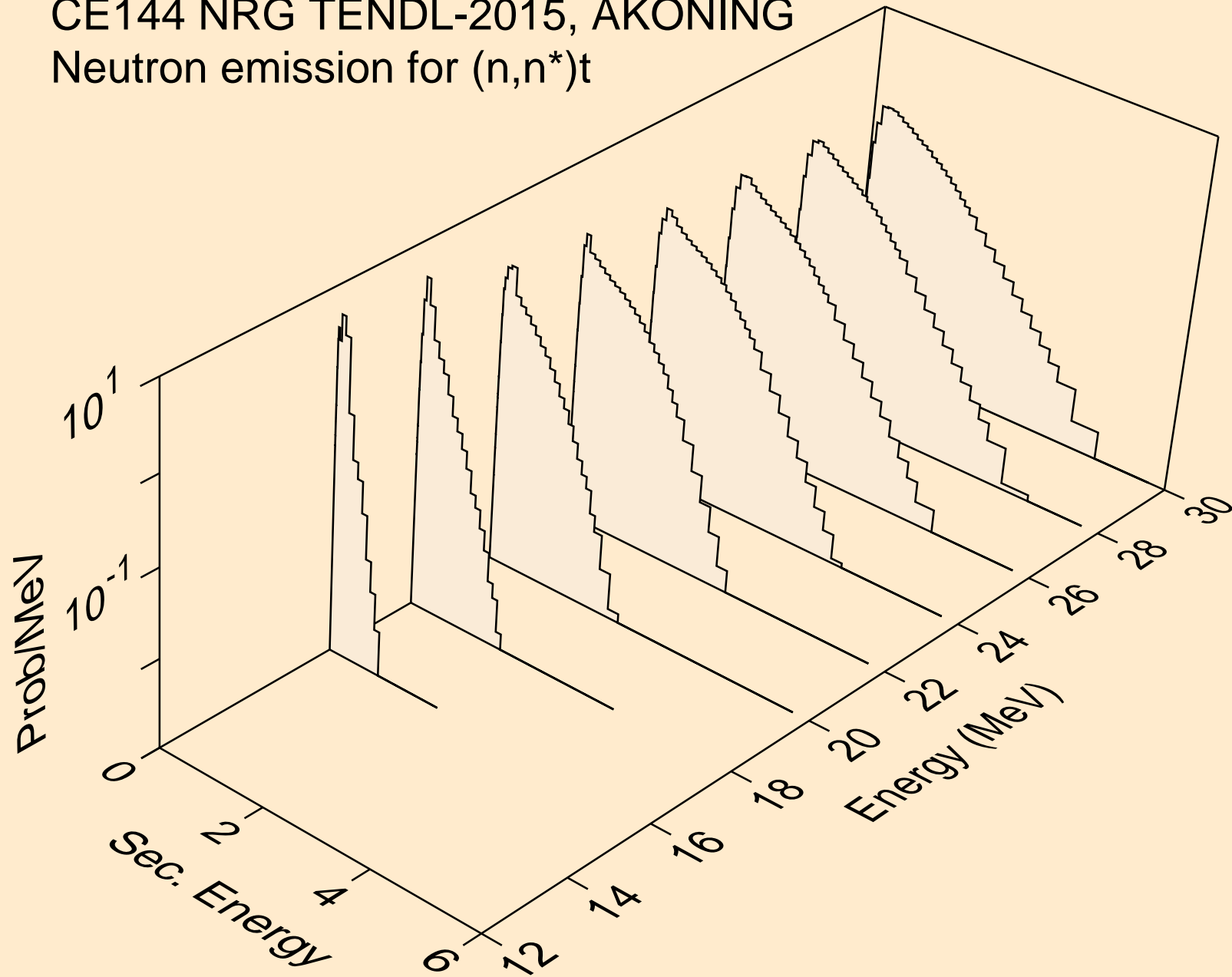


CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

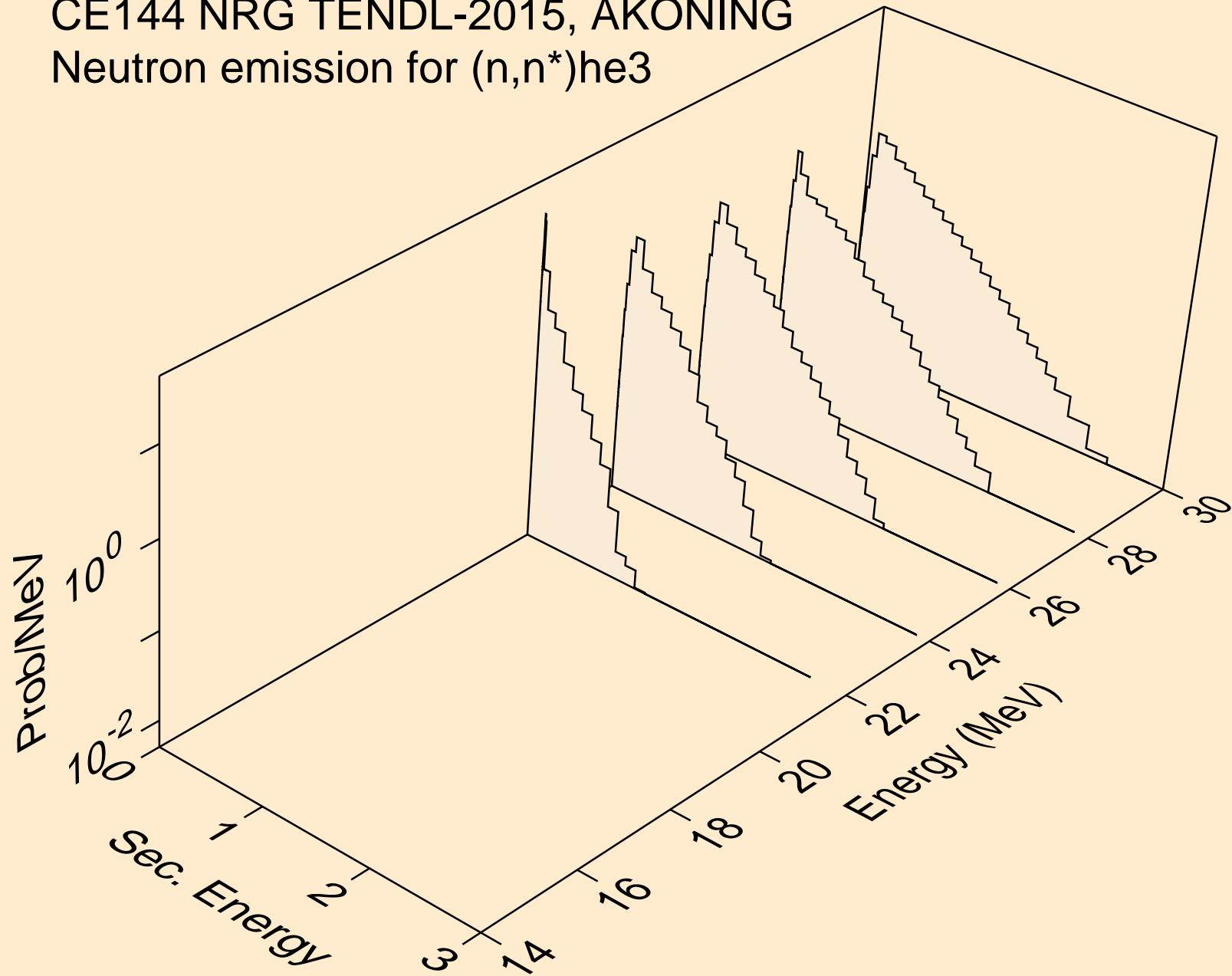




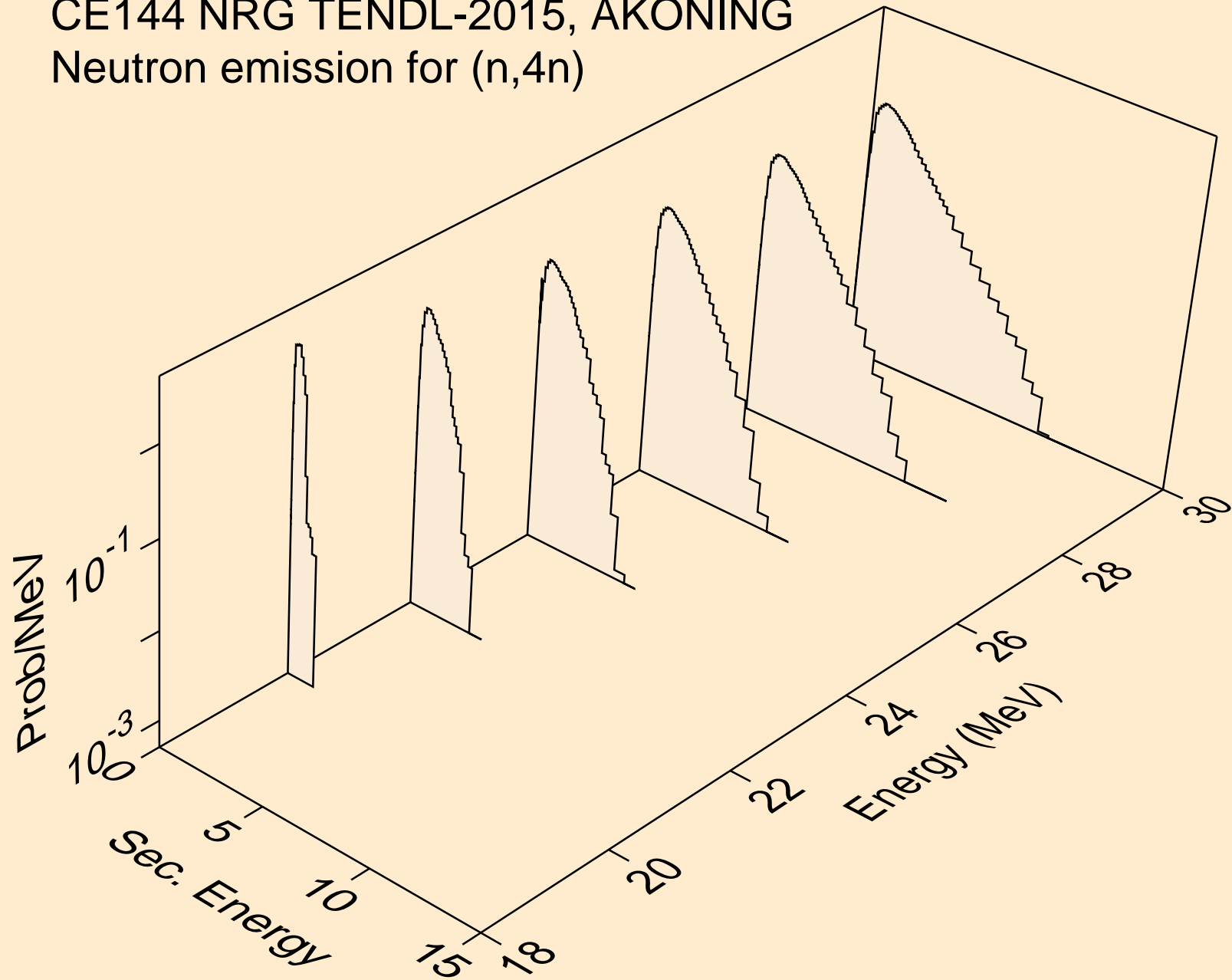
CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



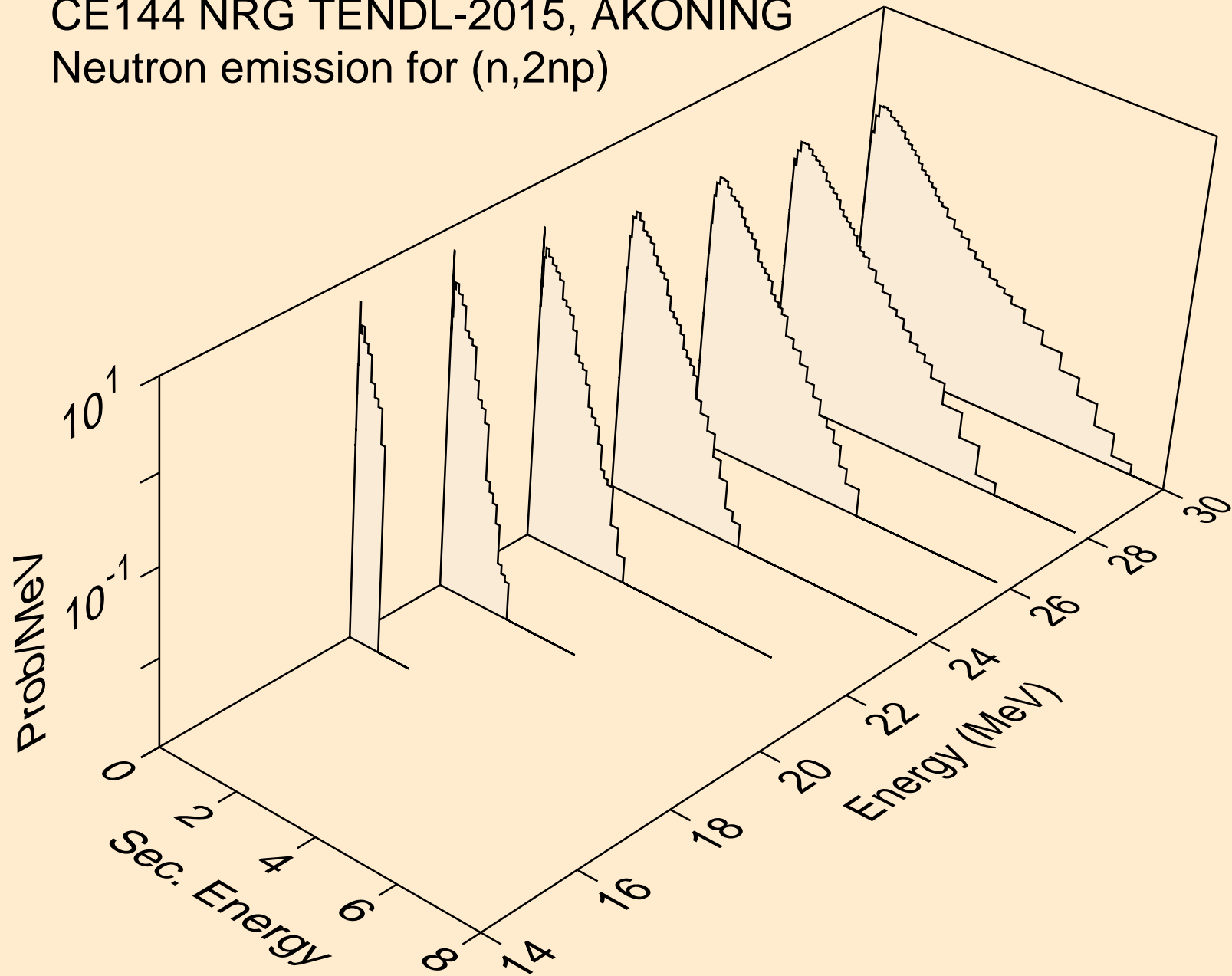
CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



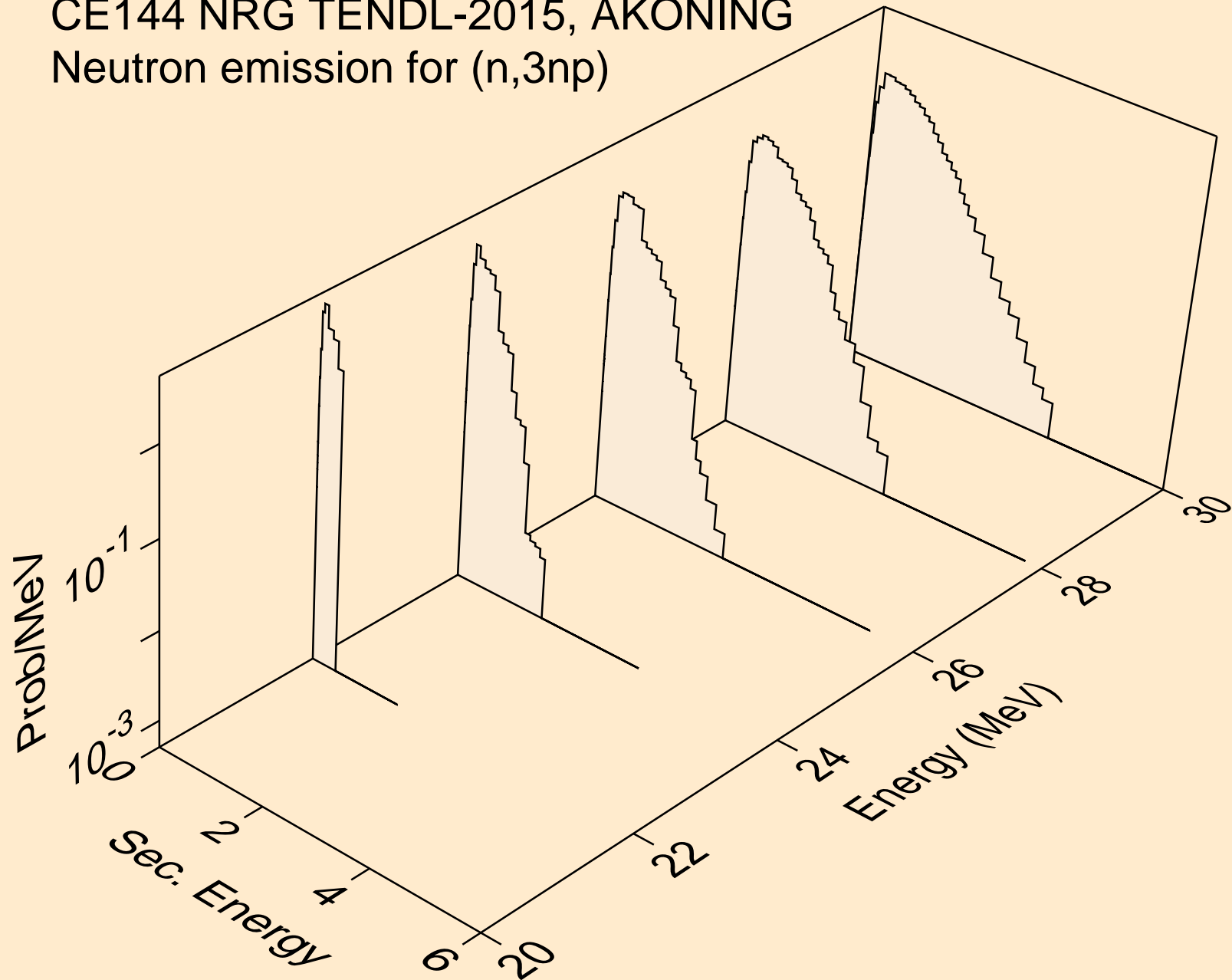
CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



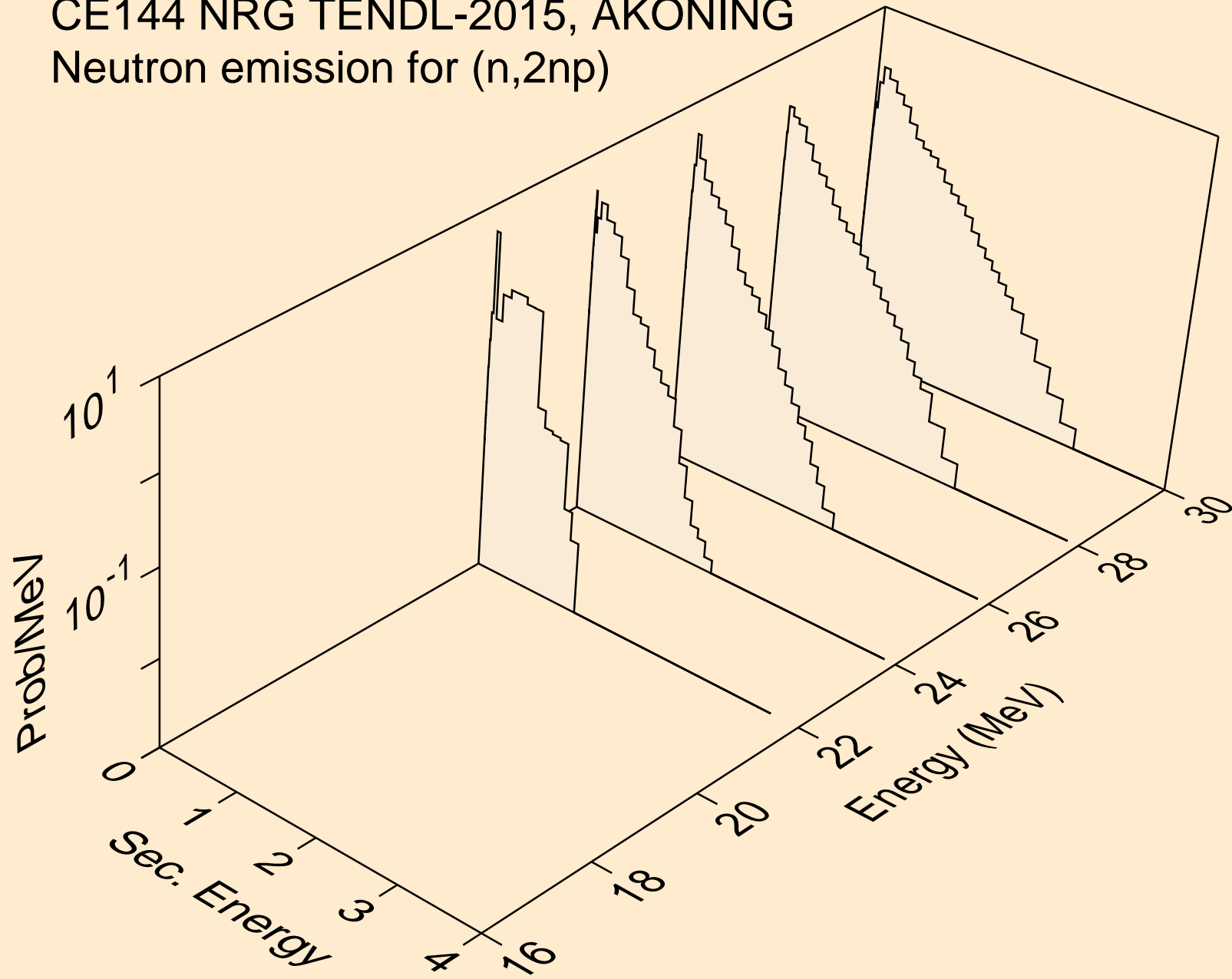
CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



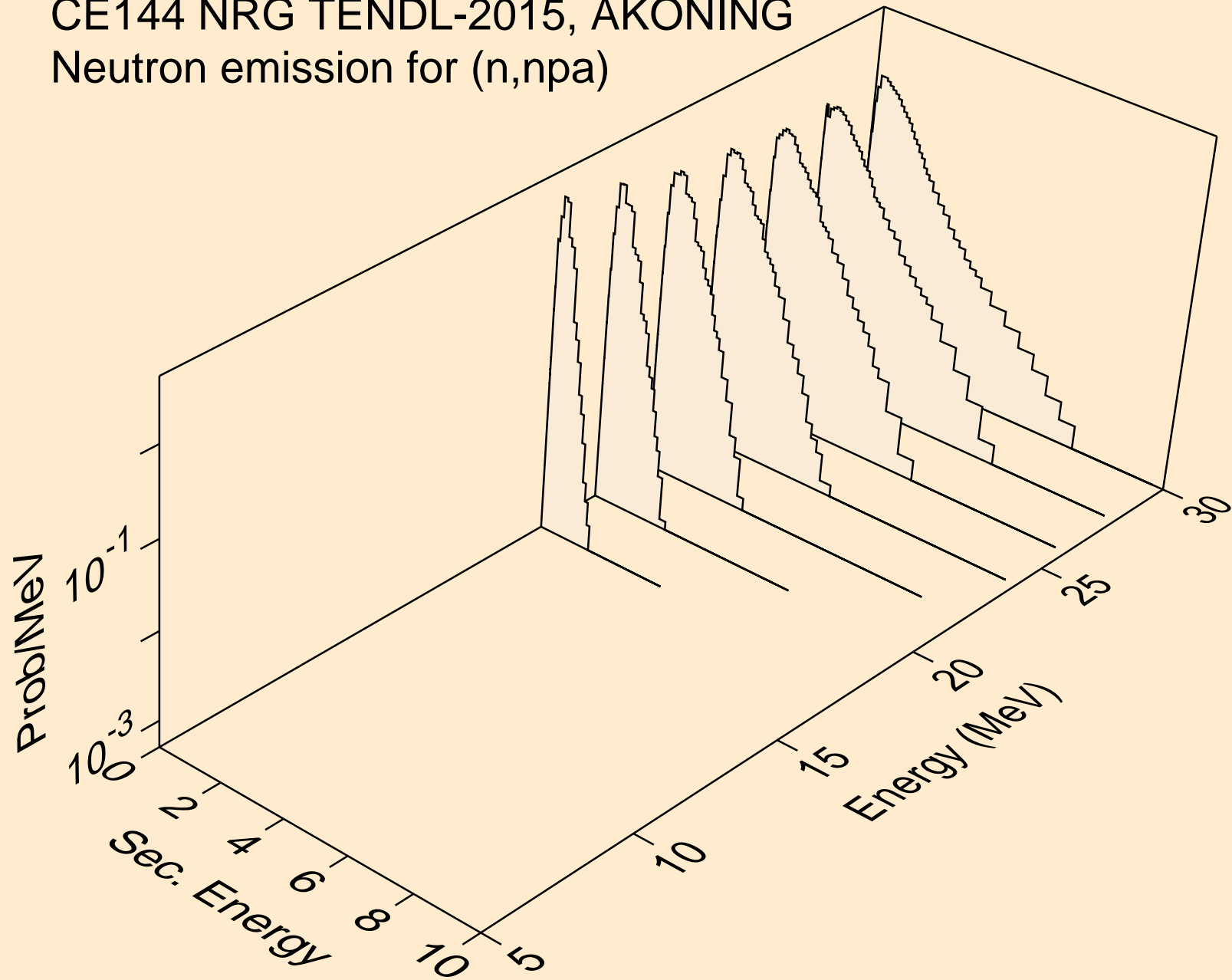
CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



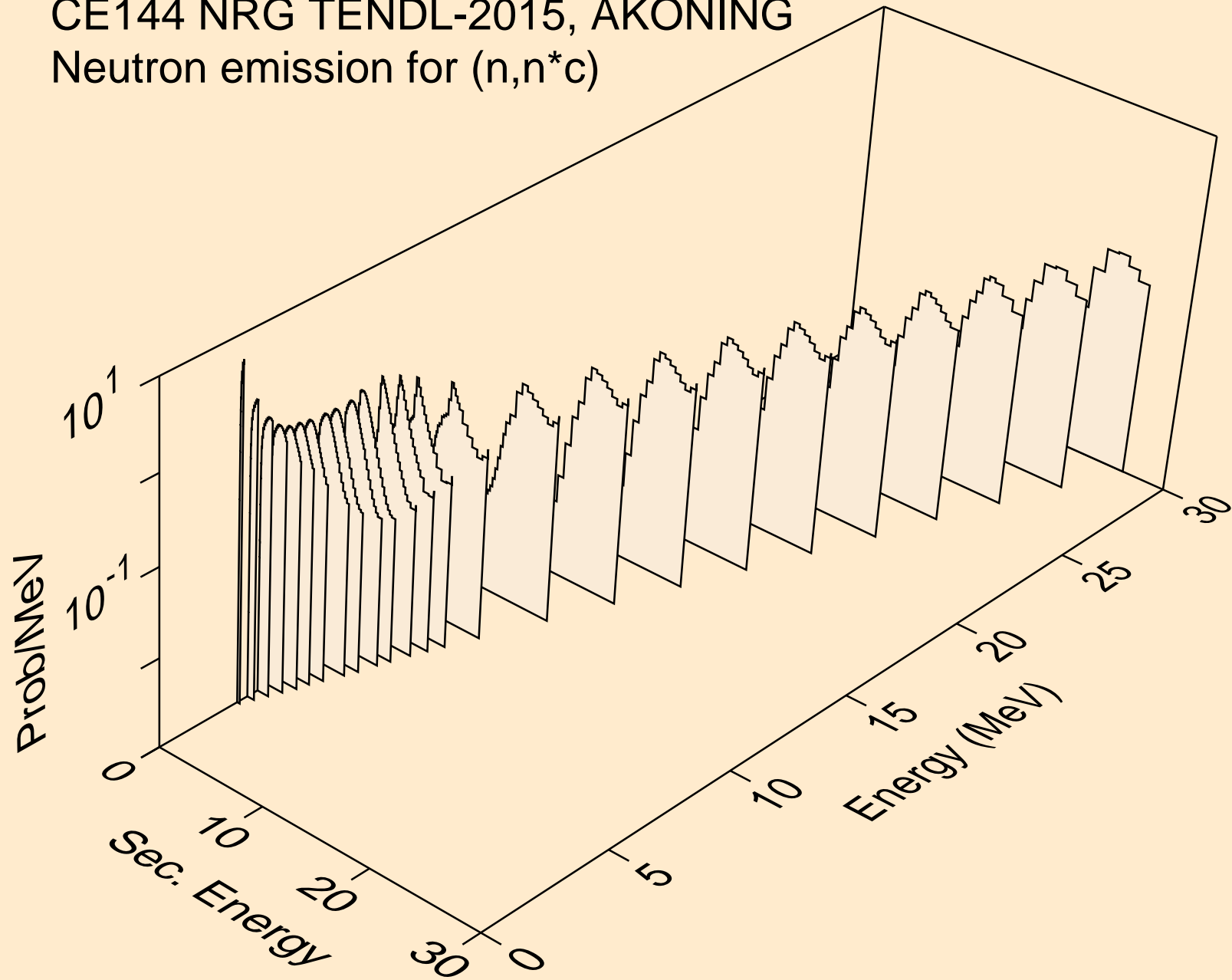
CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

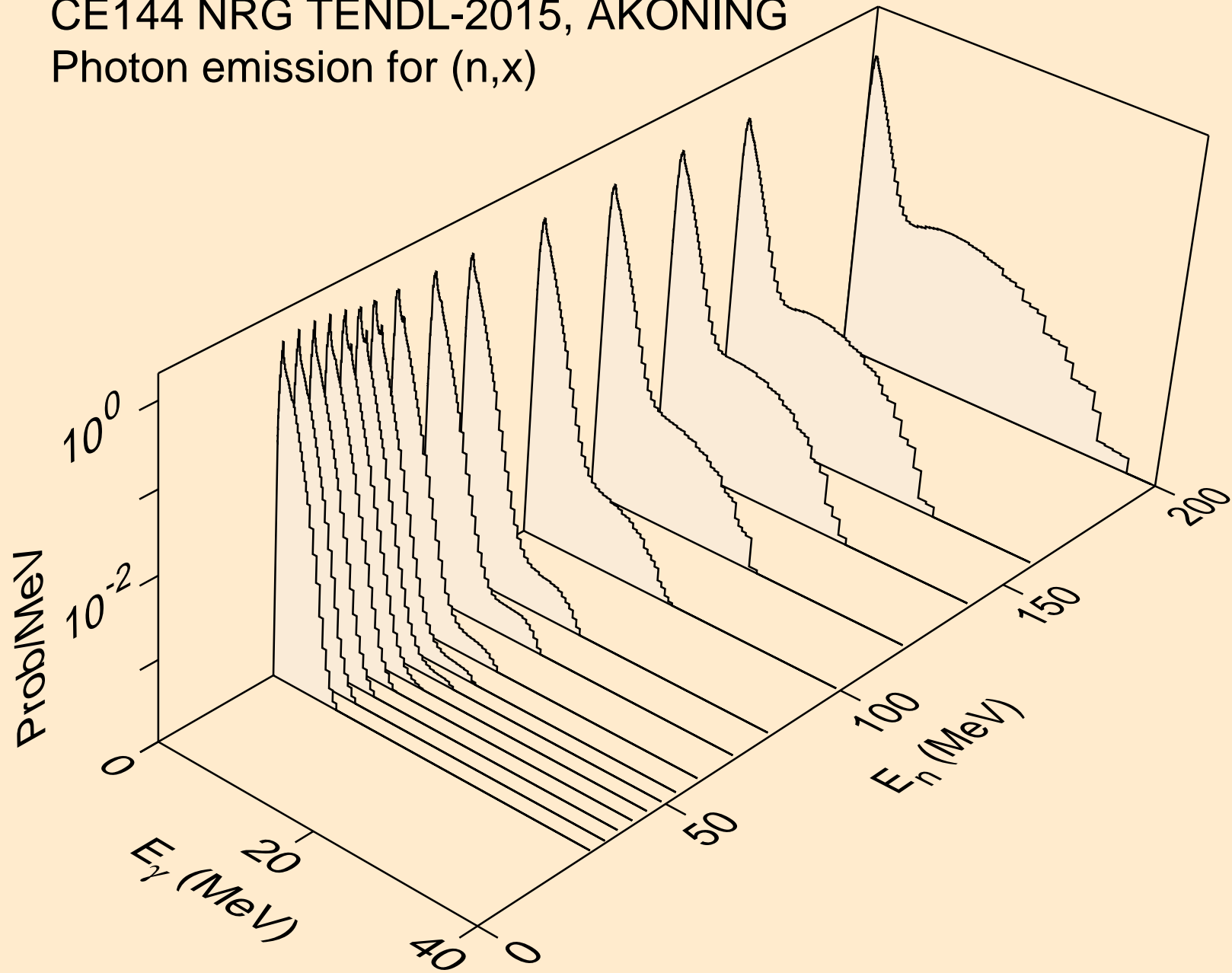


CE144 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

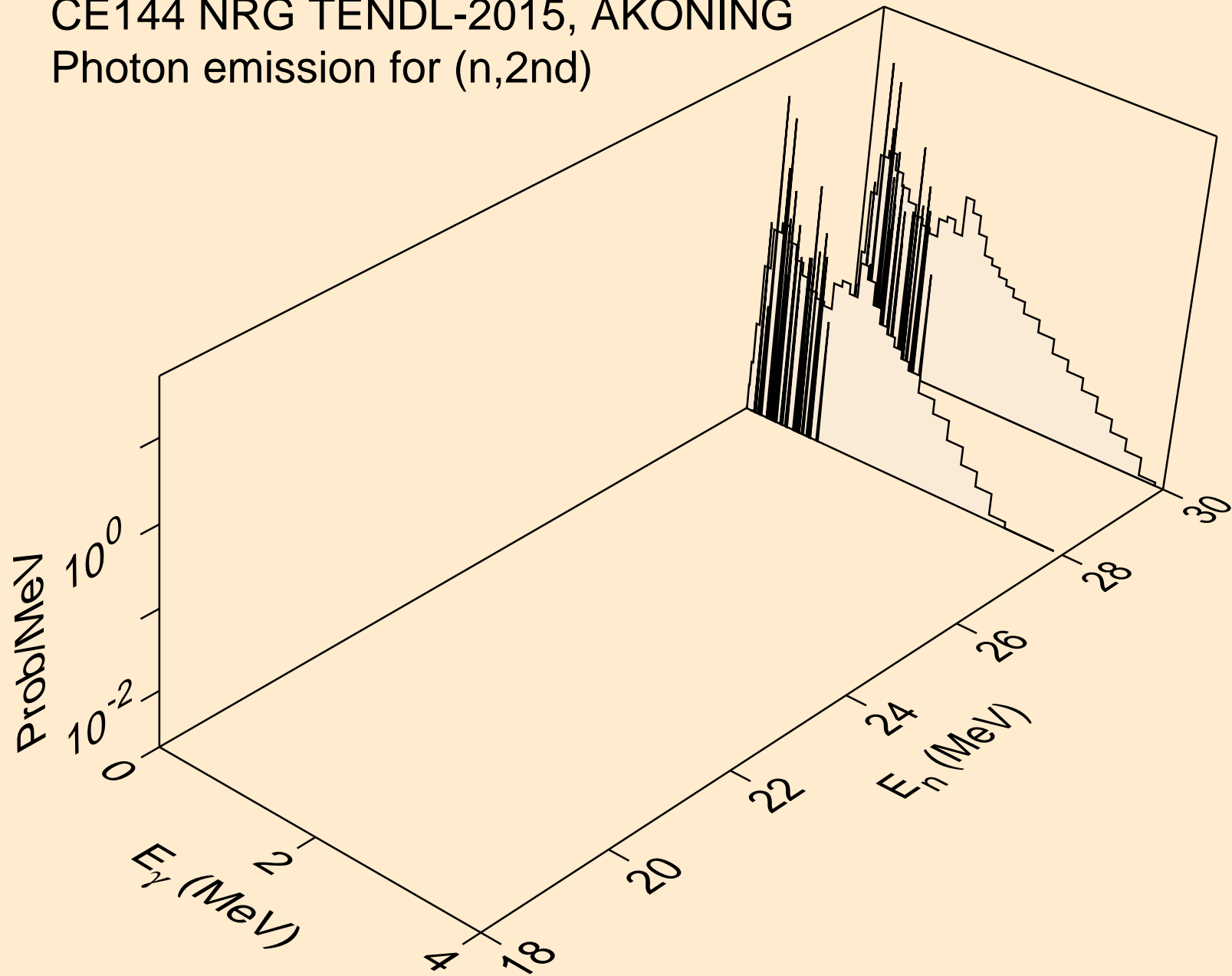




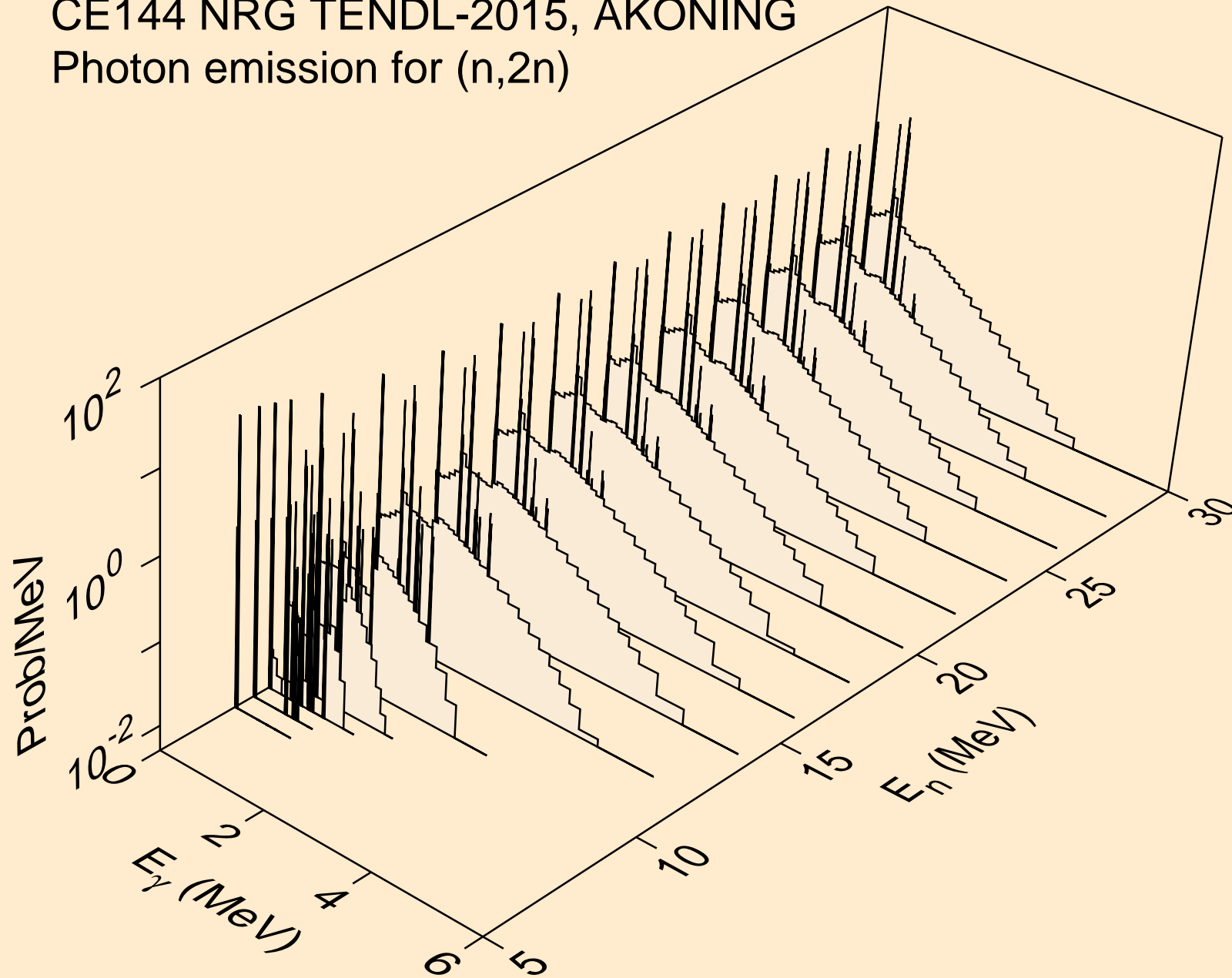
CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



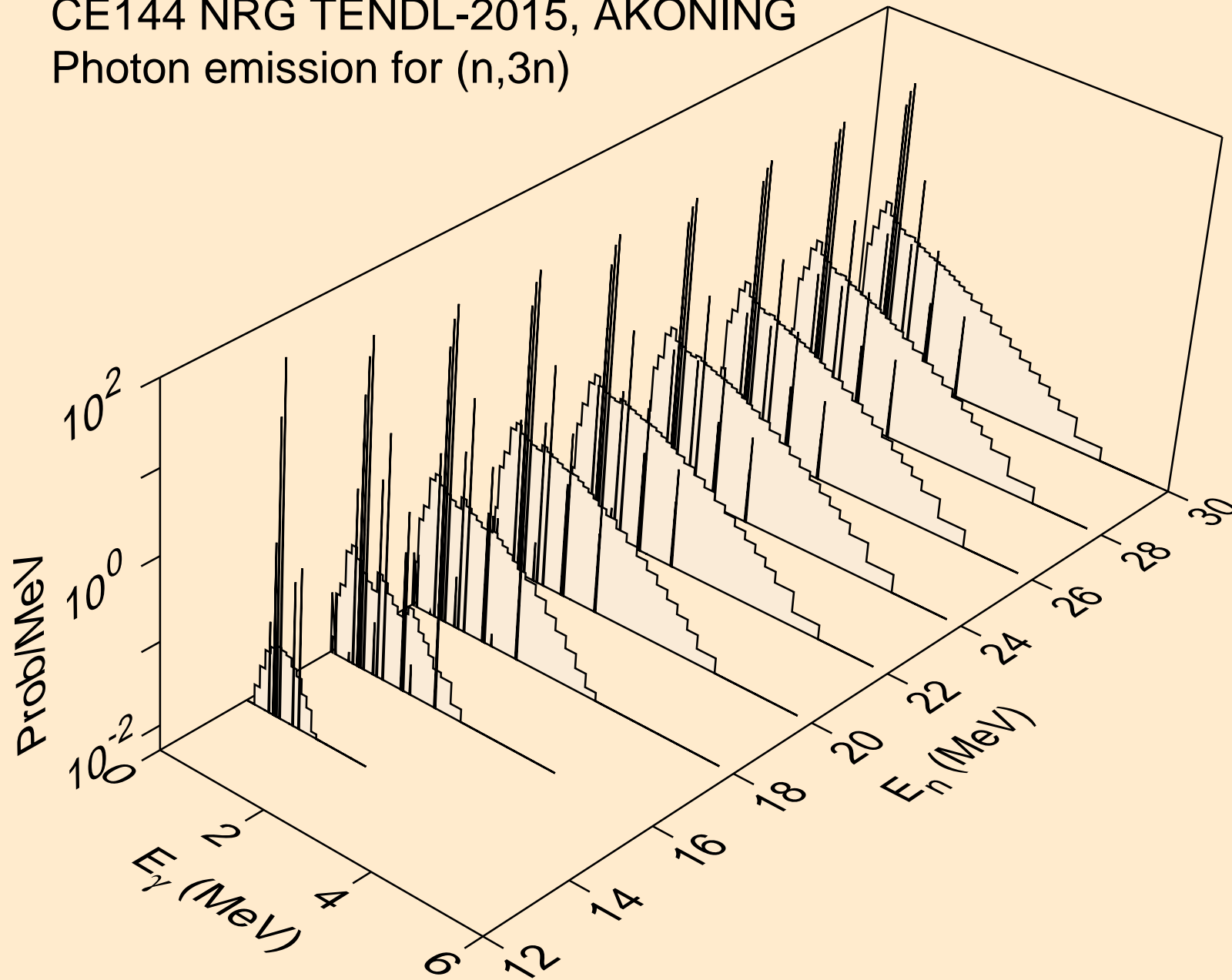
CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



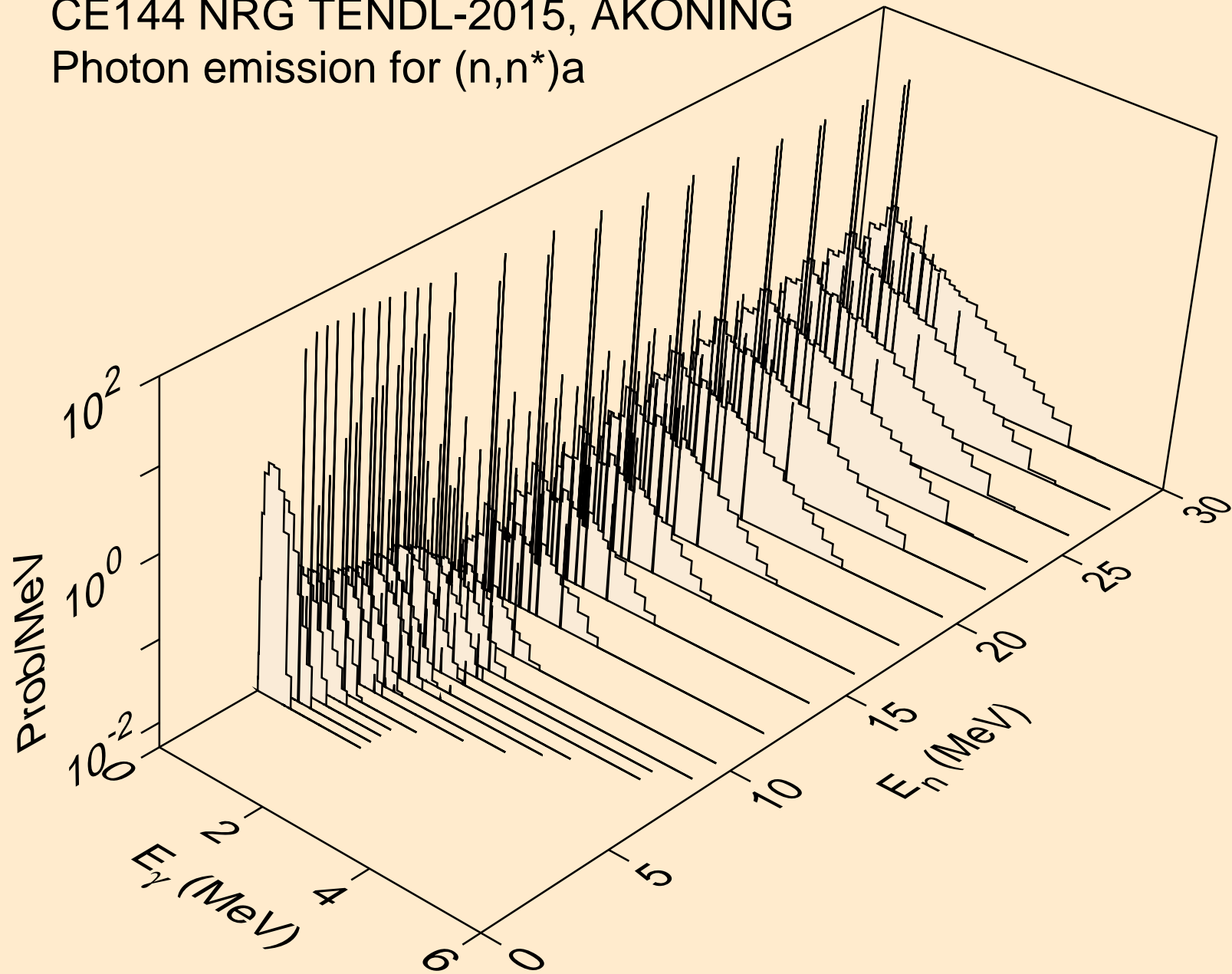
CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

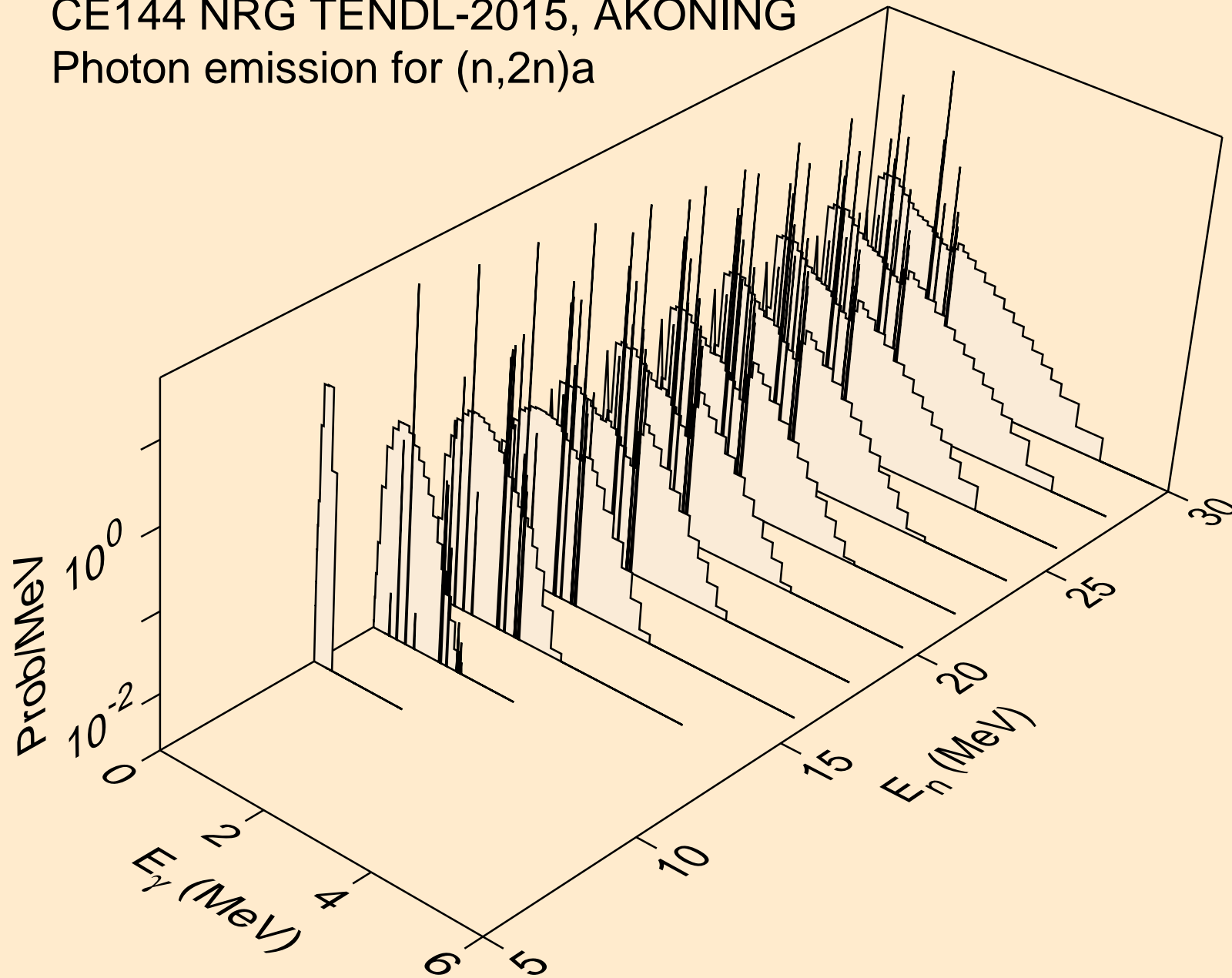


CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

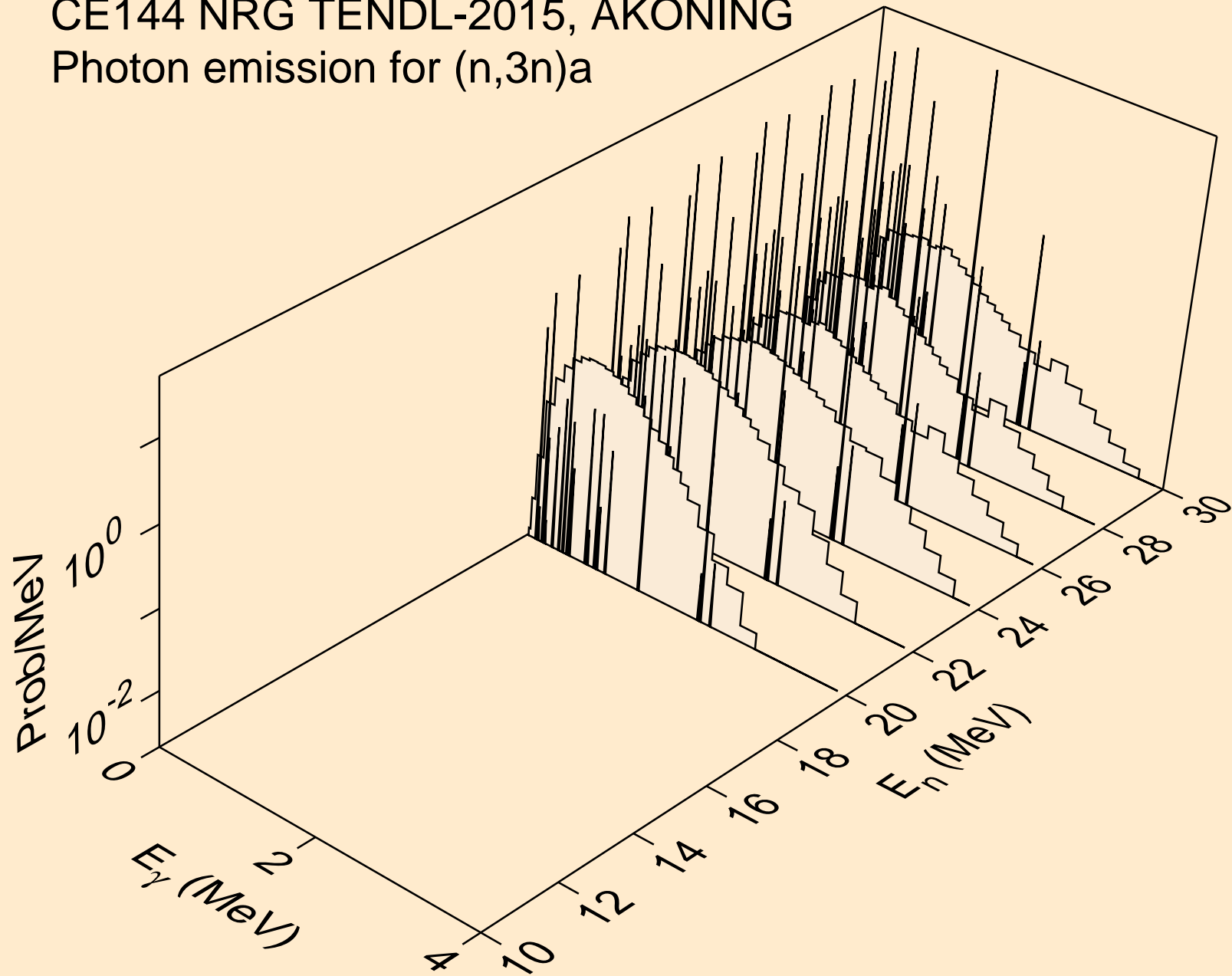


# CE144 NRG TENDL-2015, AKONING

Photon emission for (n,2n) $\alpha$

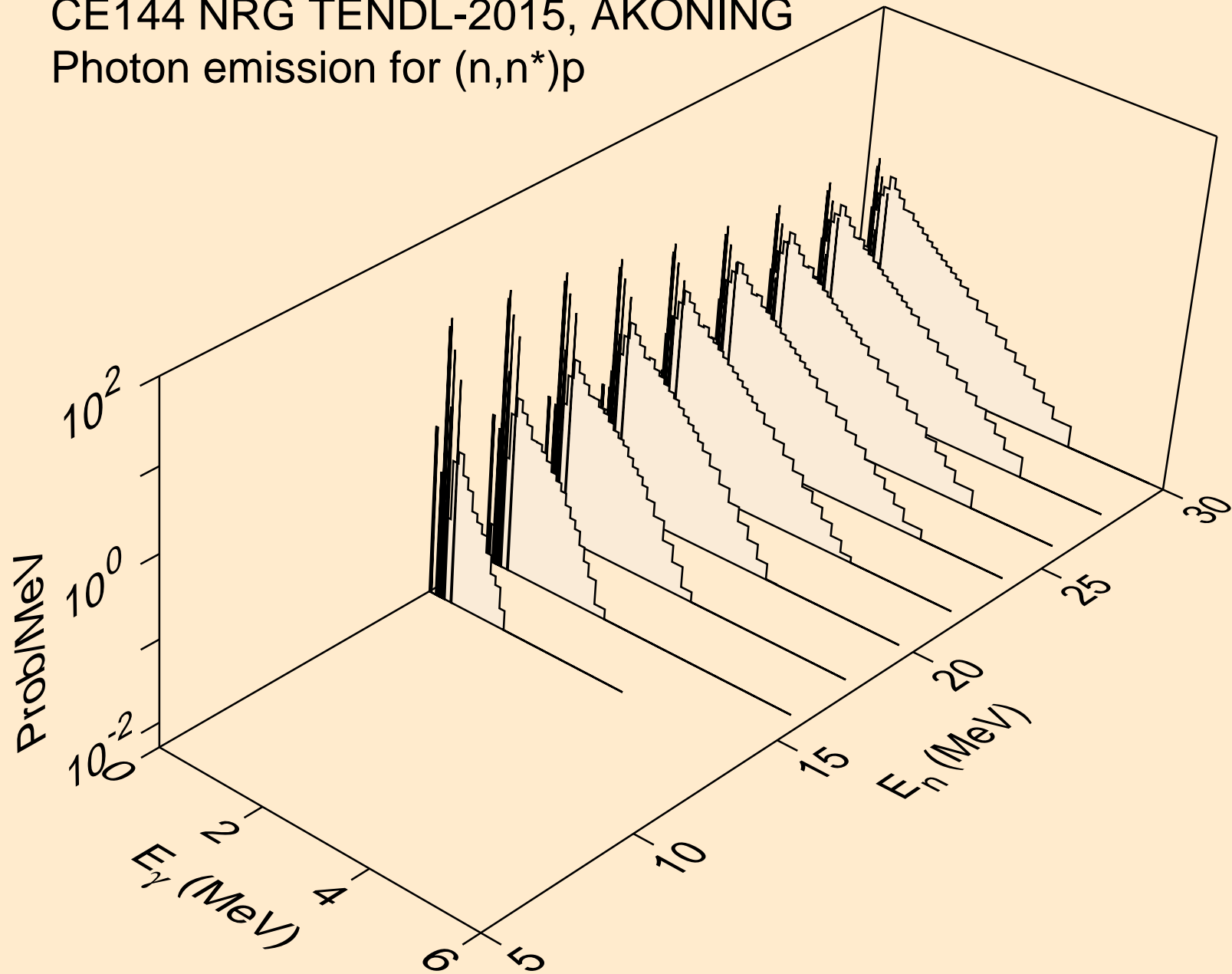


CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



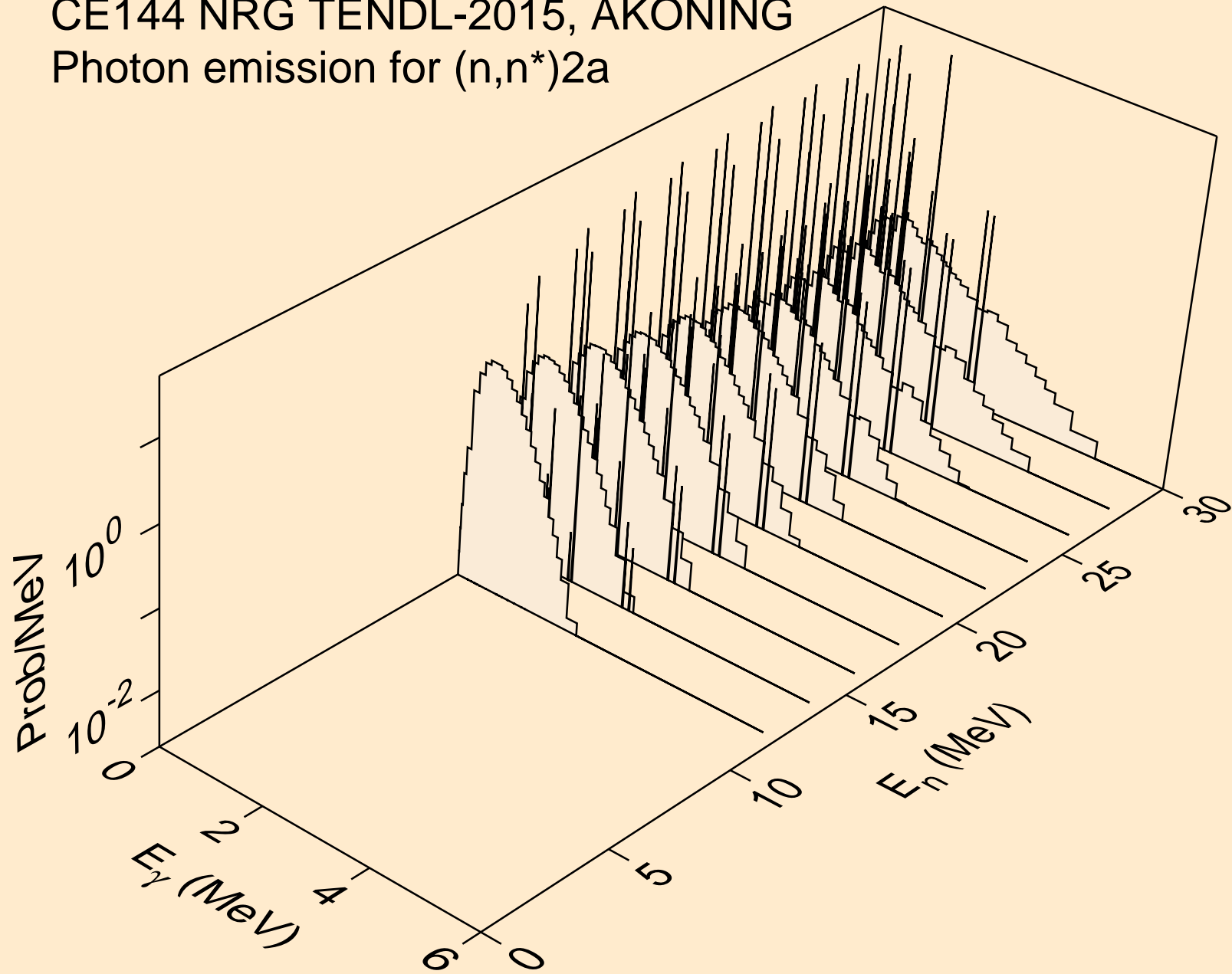
# CE144 NRG TENDL-2015, AKONING

Photon emission for (n,n\*)p



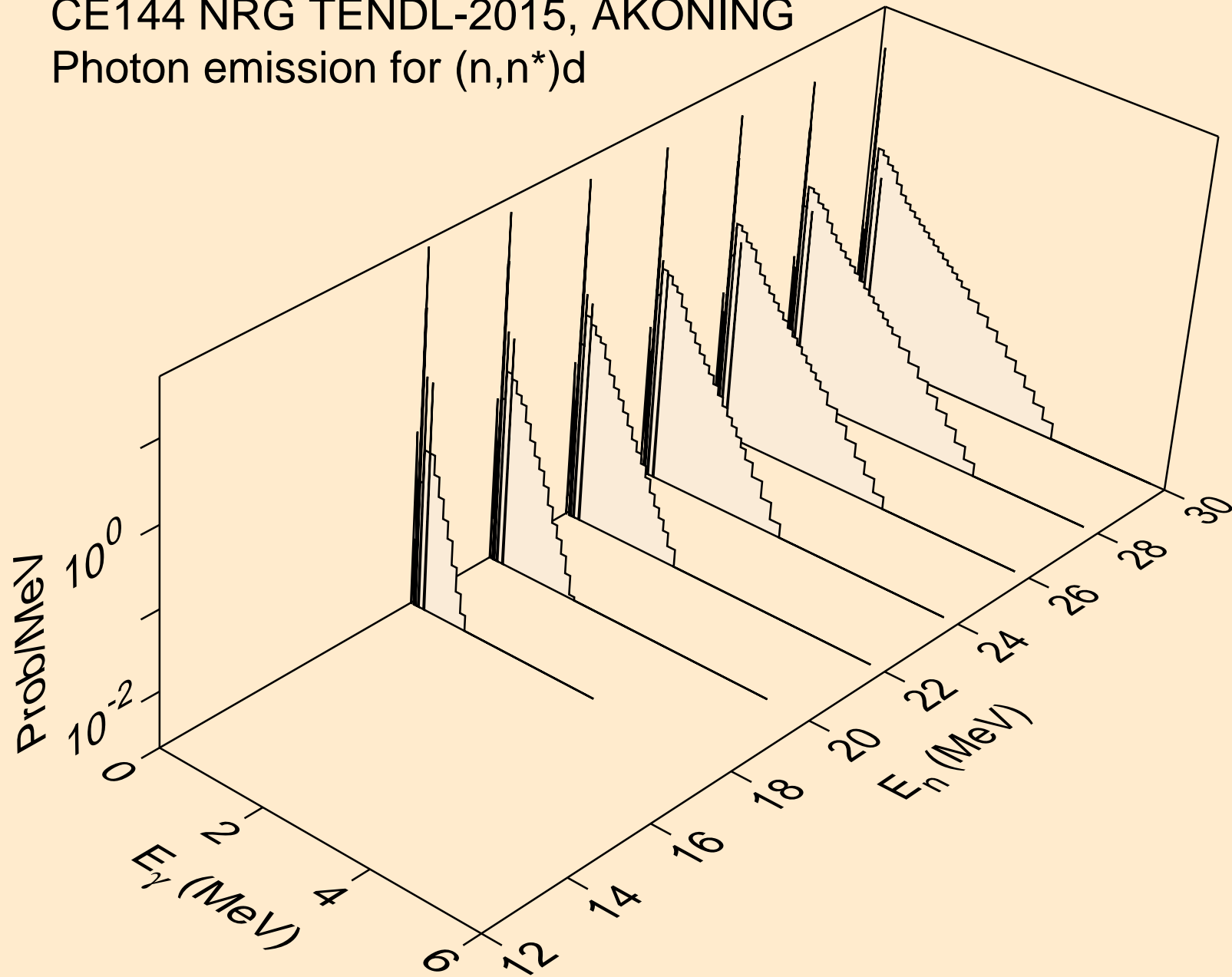


CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

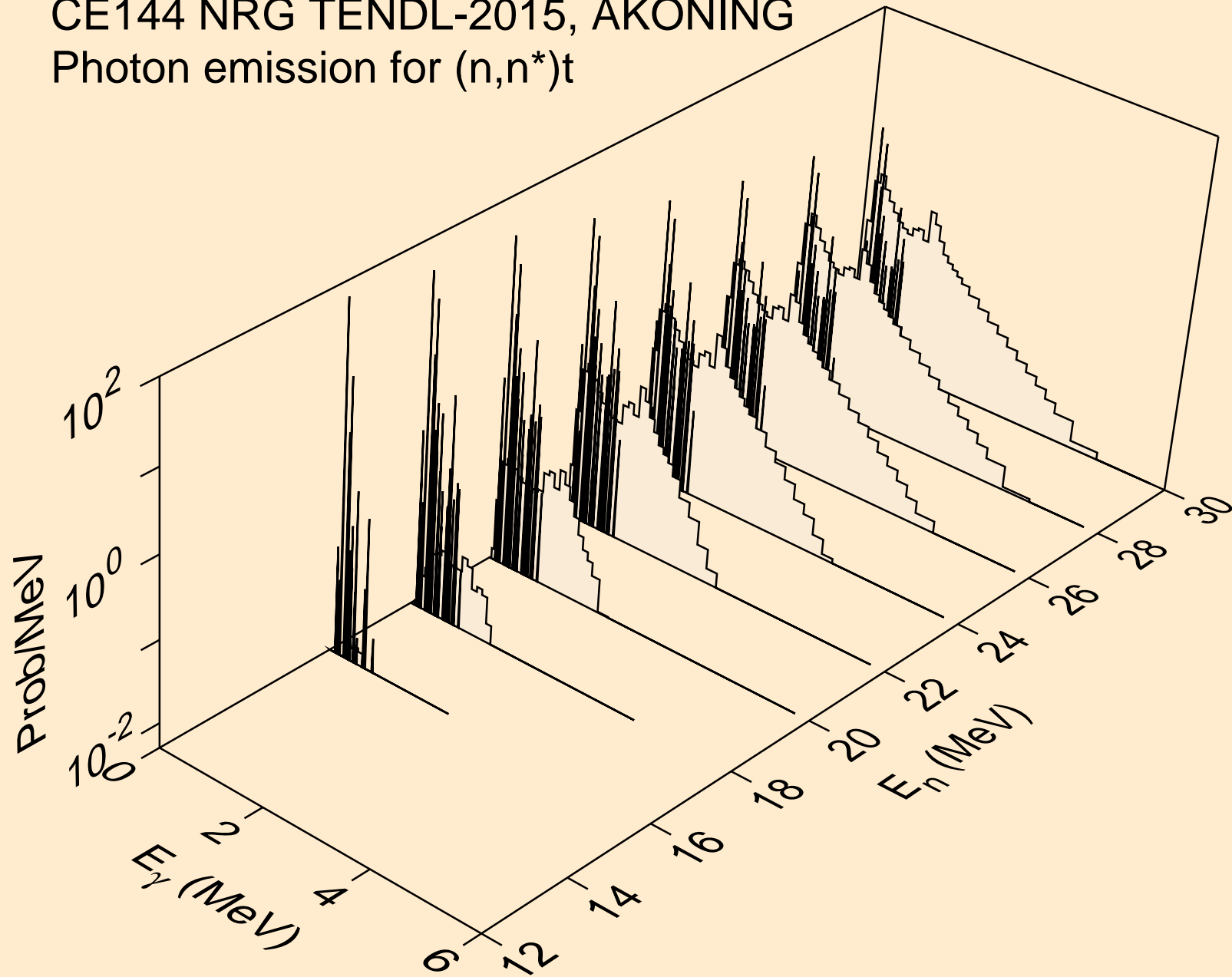


CE144 NRG TENDL-2015, AKONING

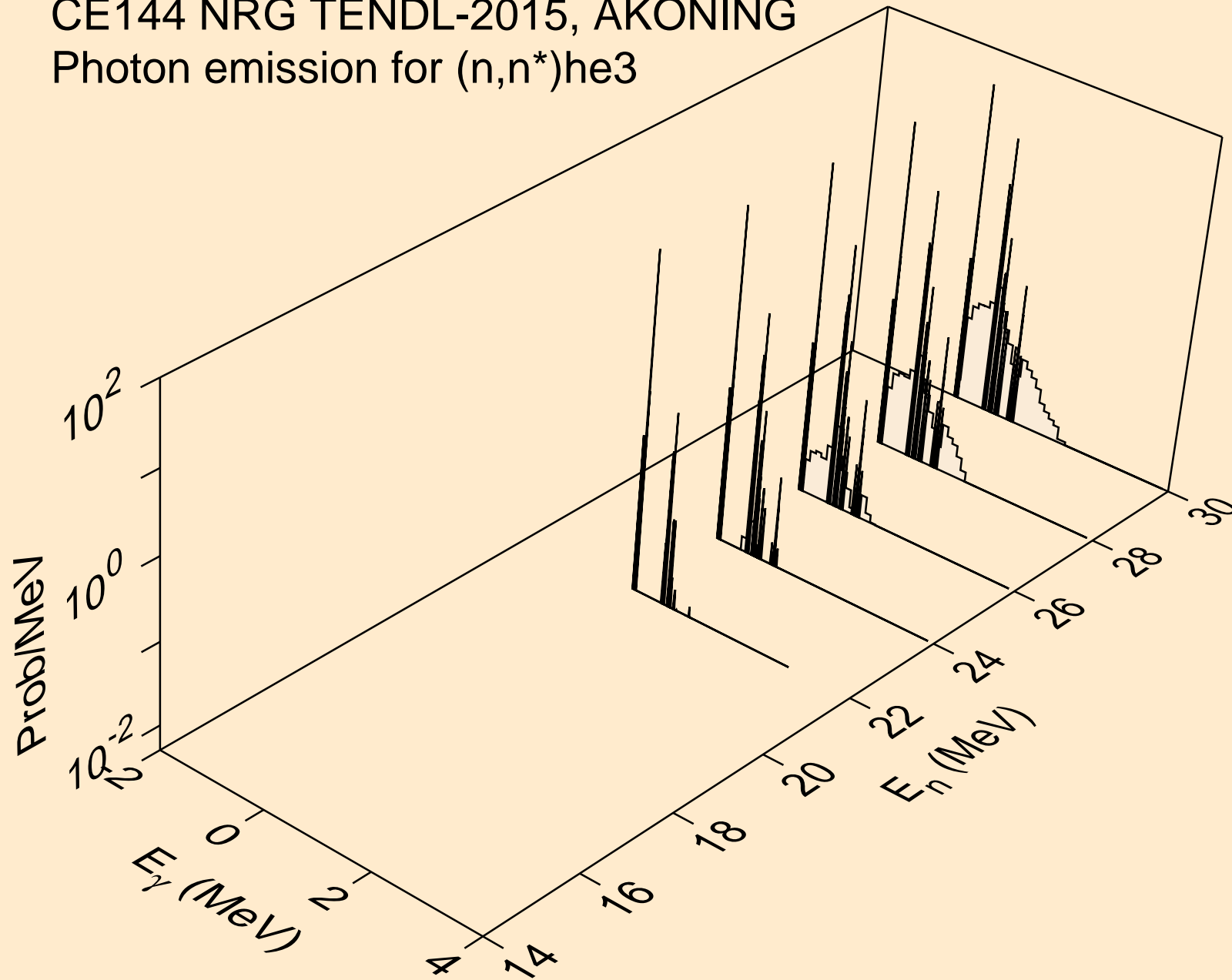
Photon emission for (n,n\*)d



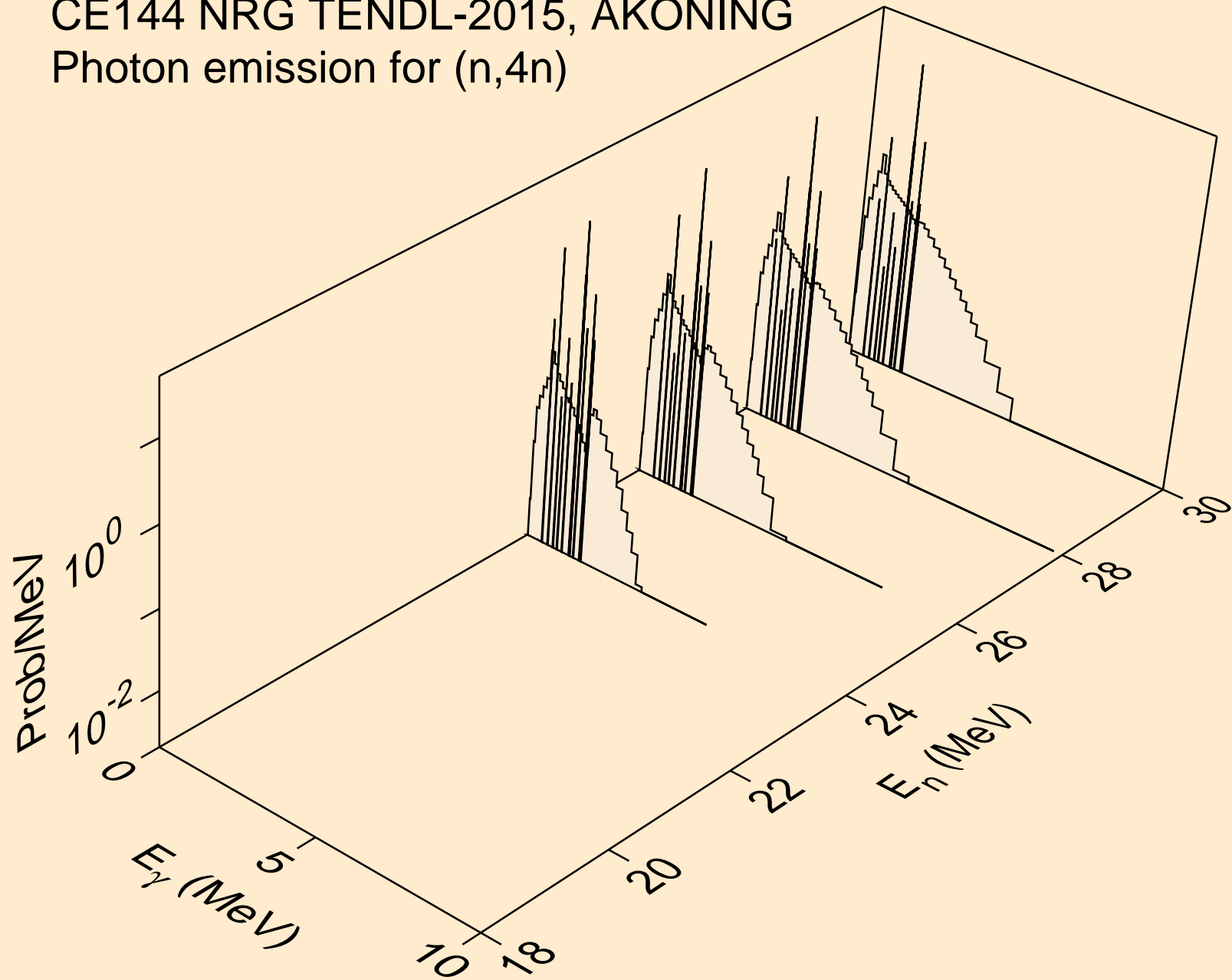
CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



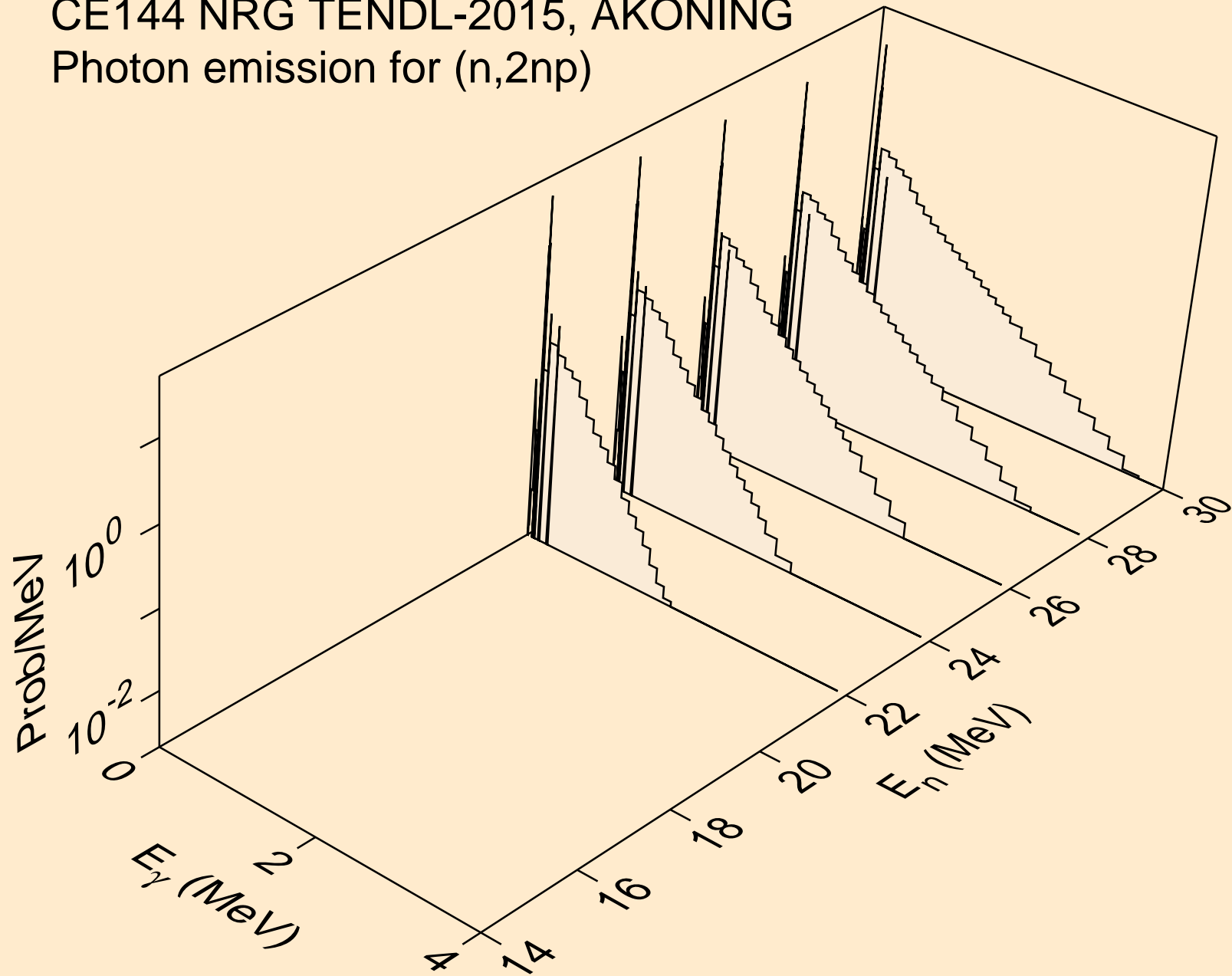
CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



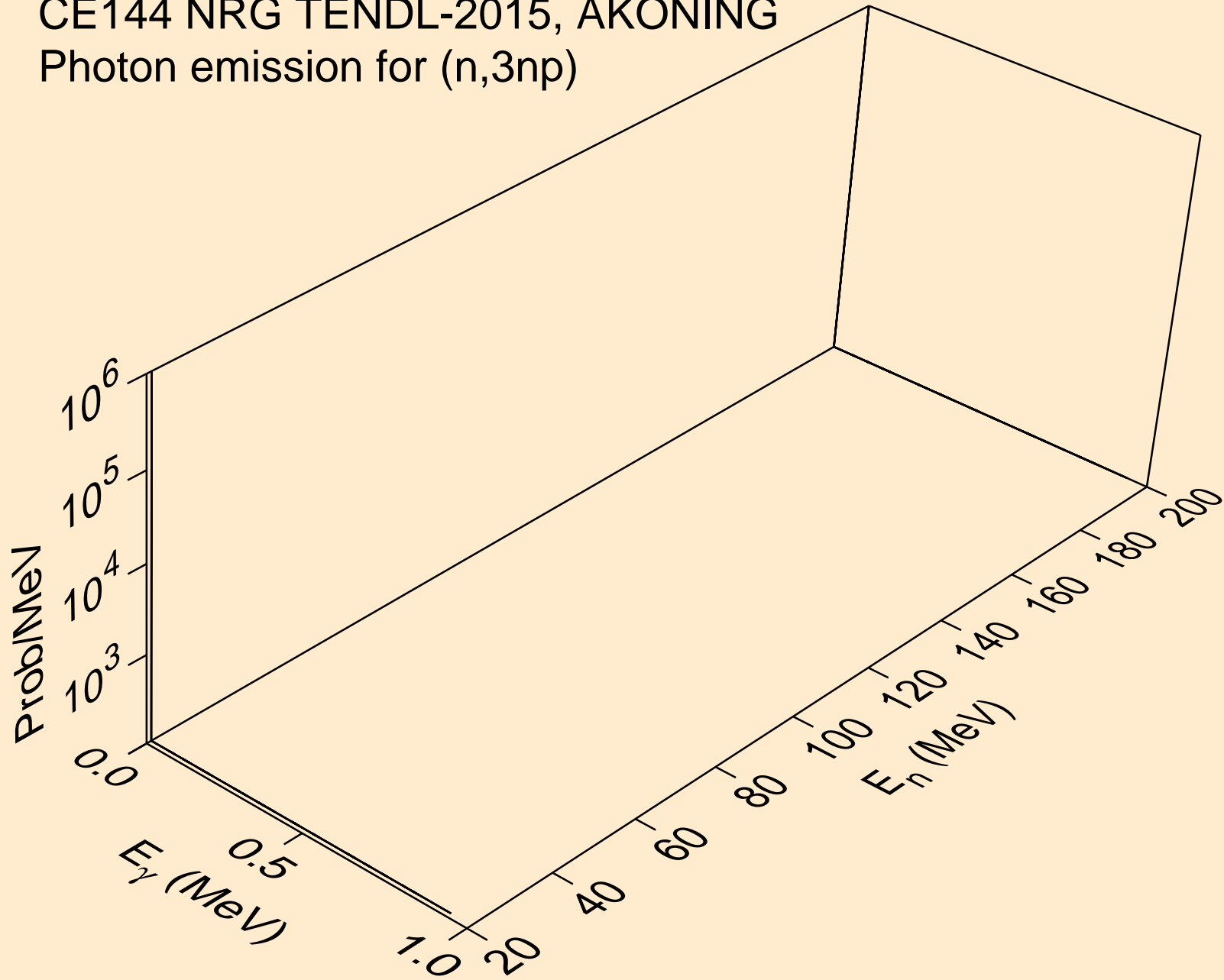
CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



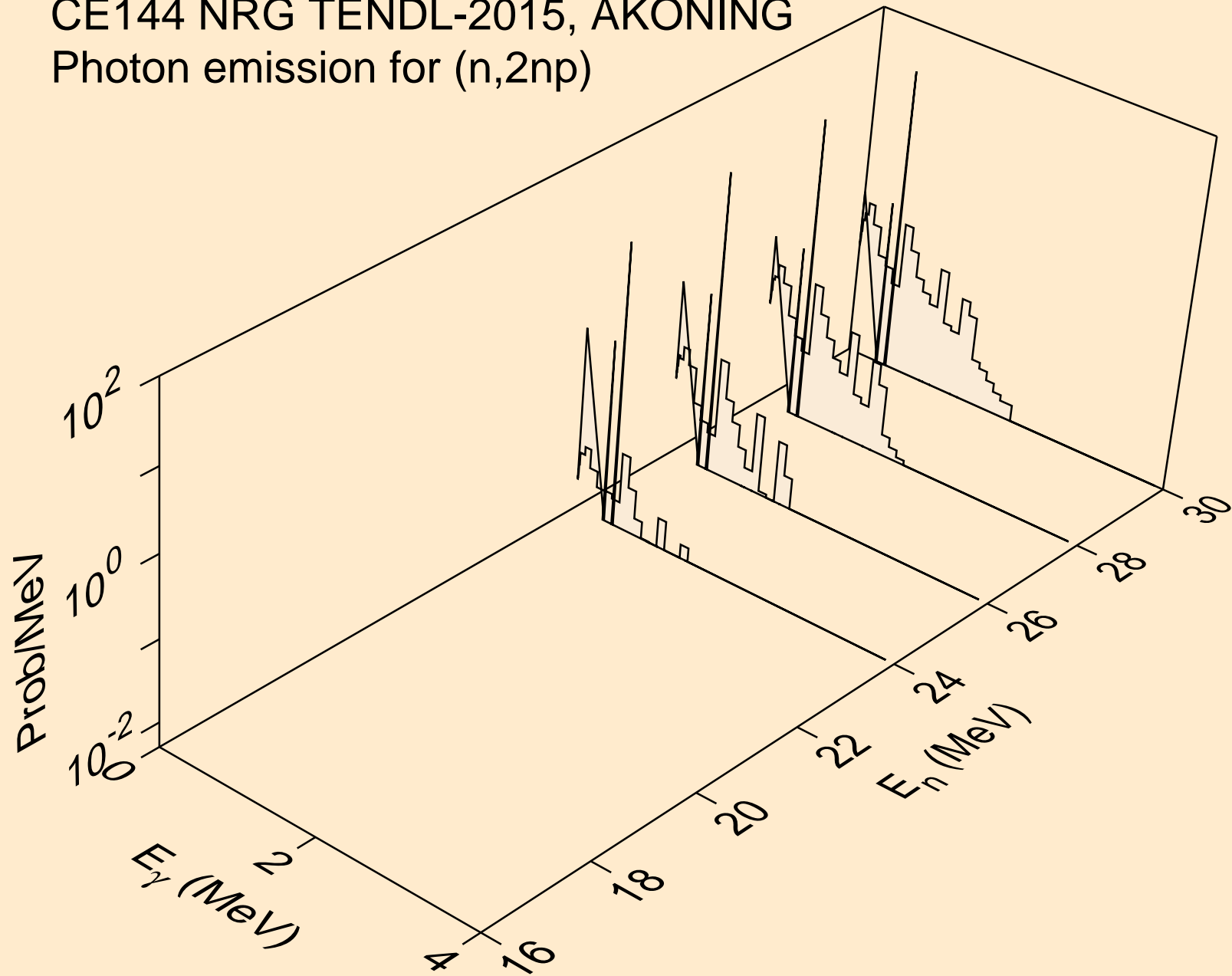
CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

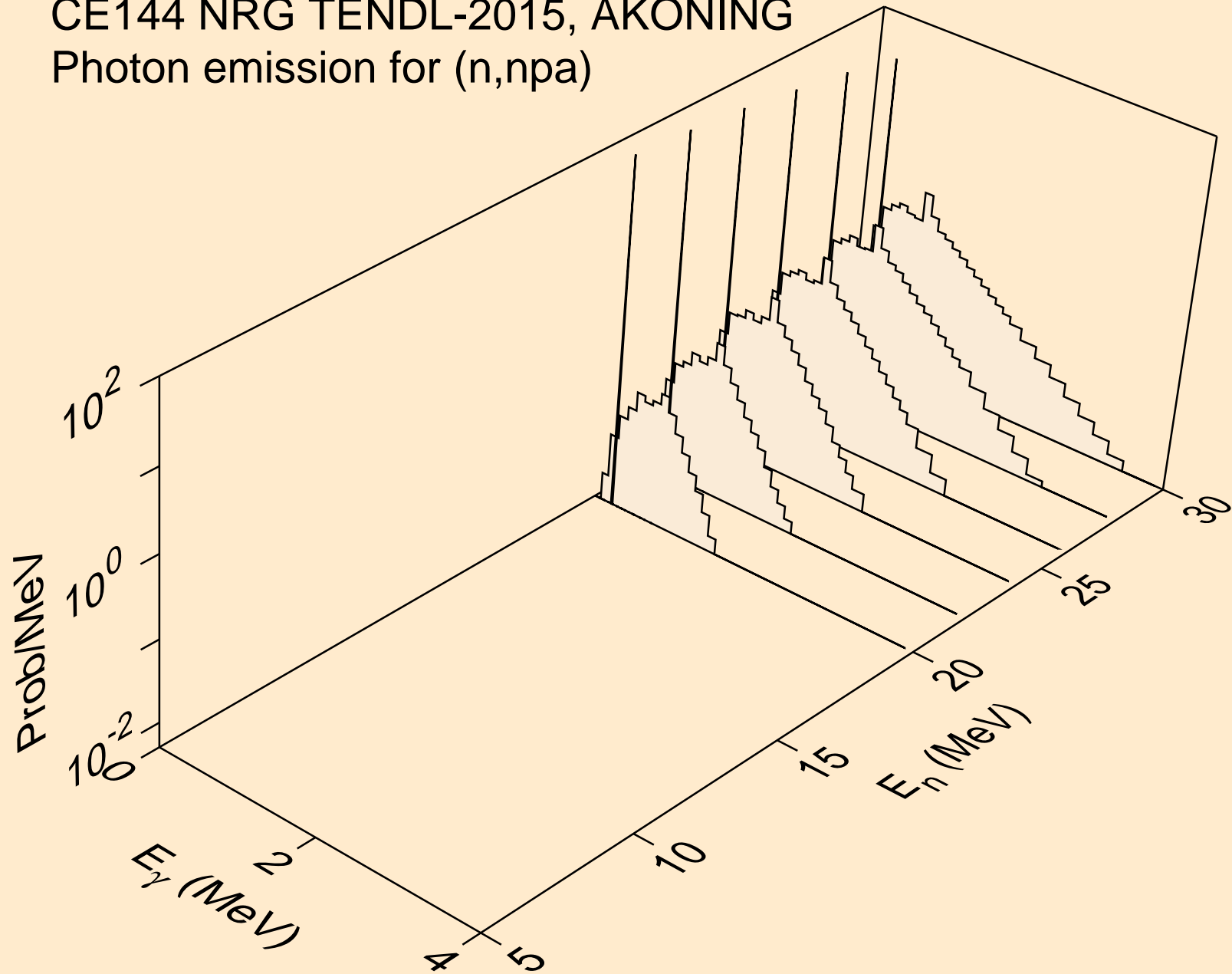


CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

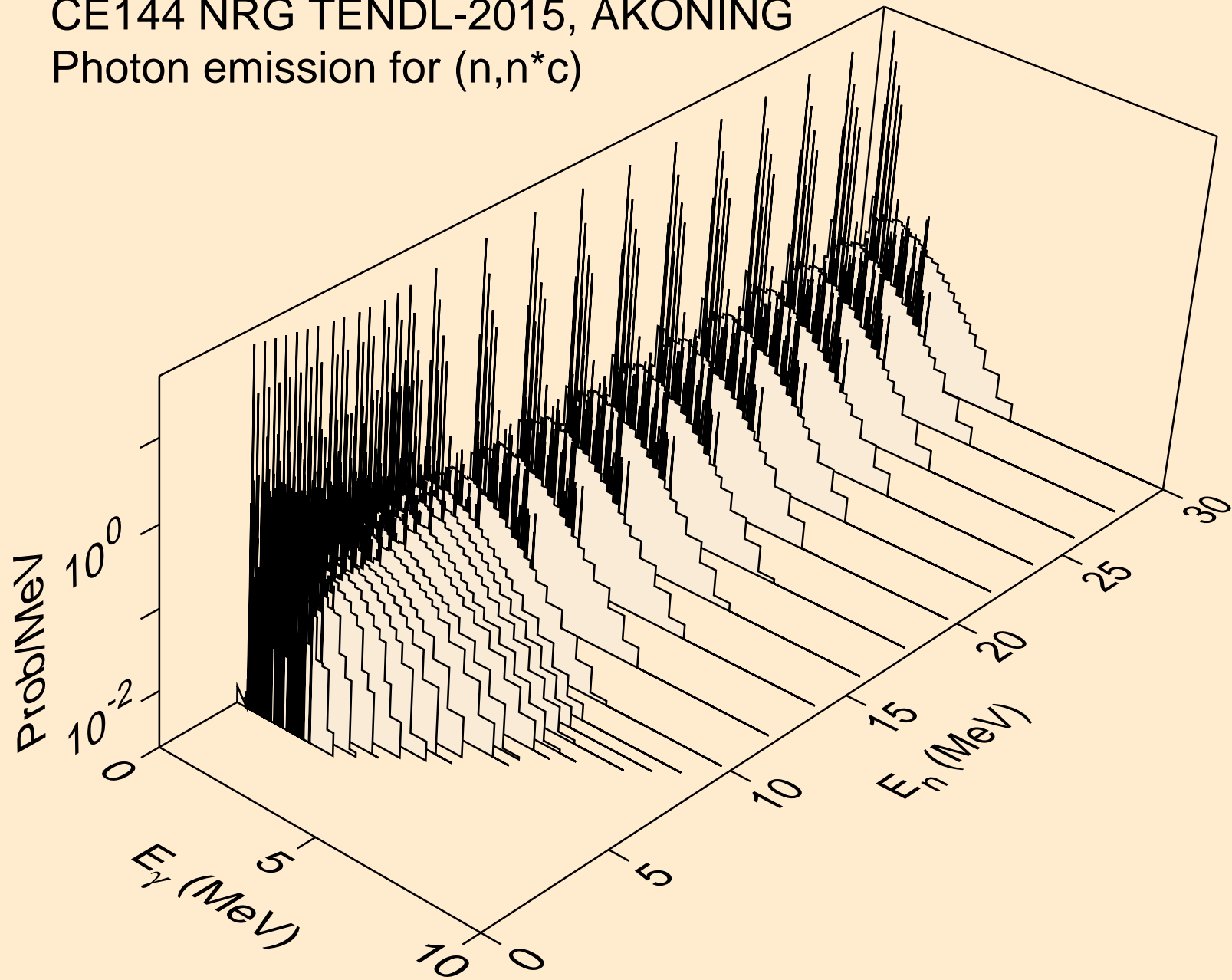




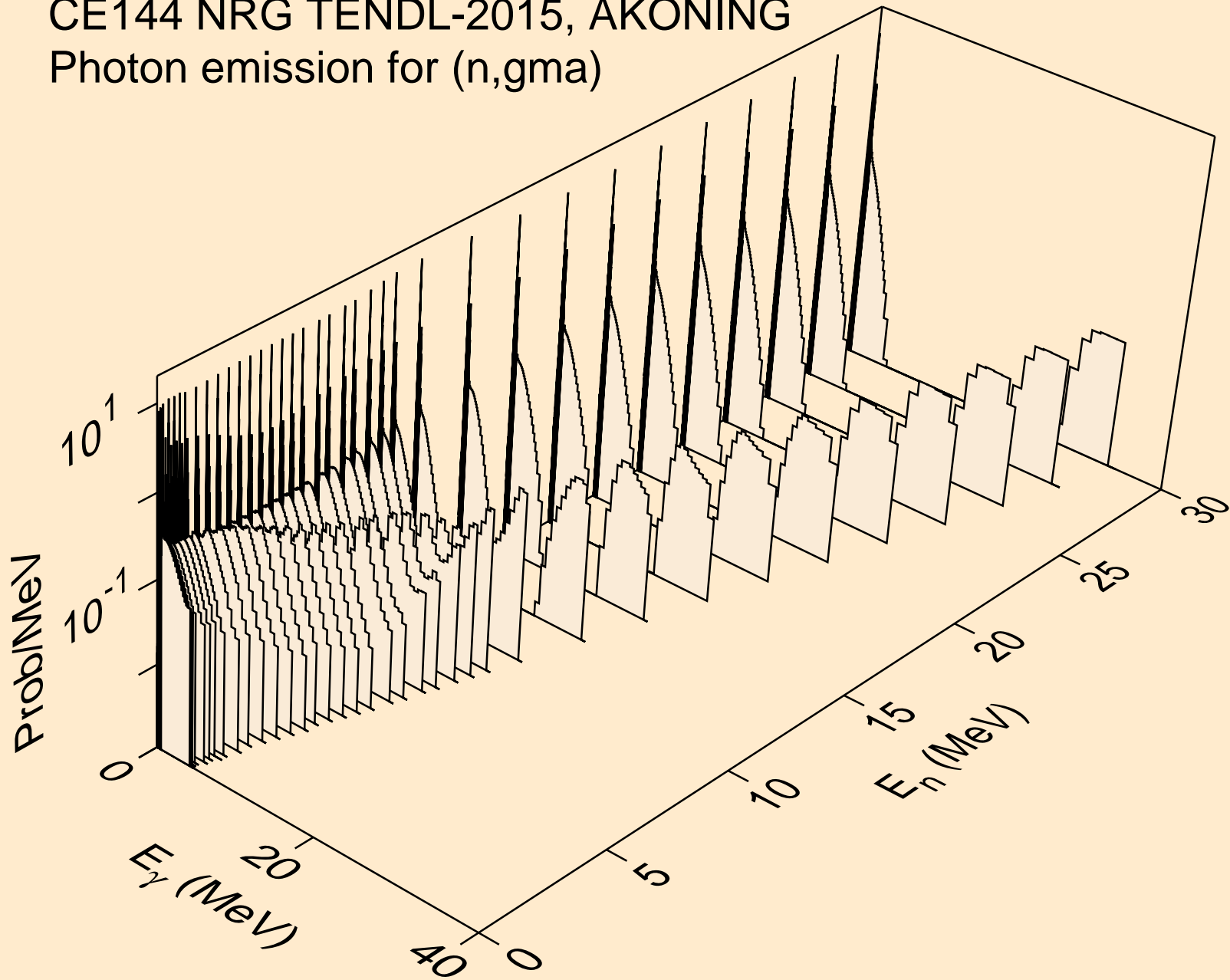
CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



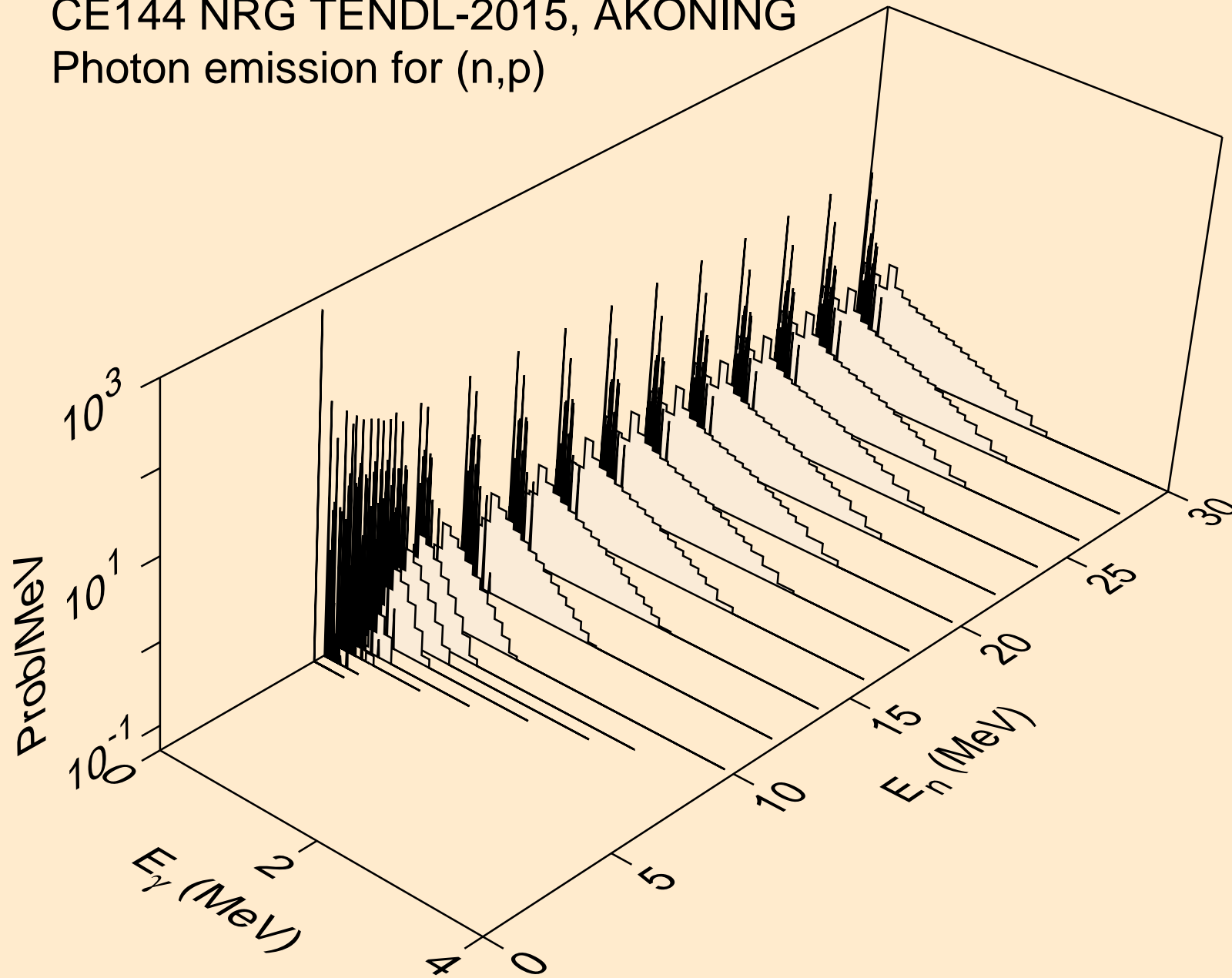
CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



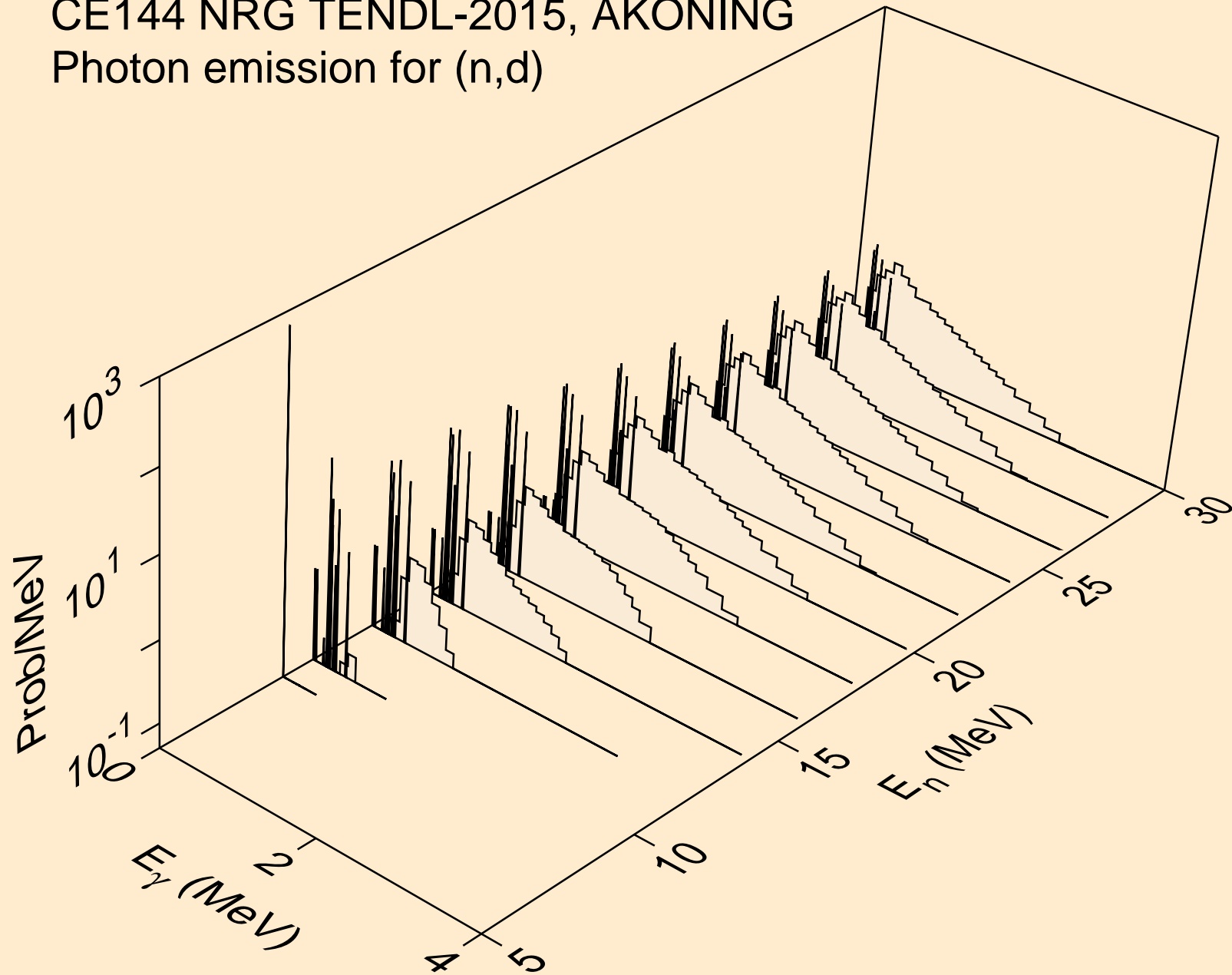
CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

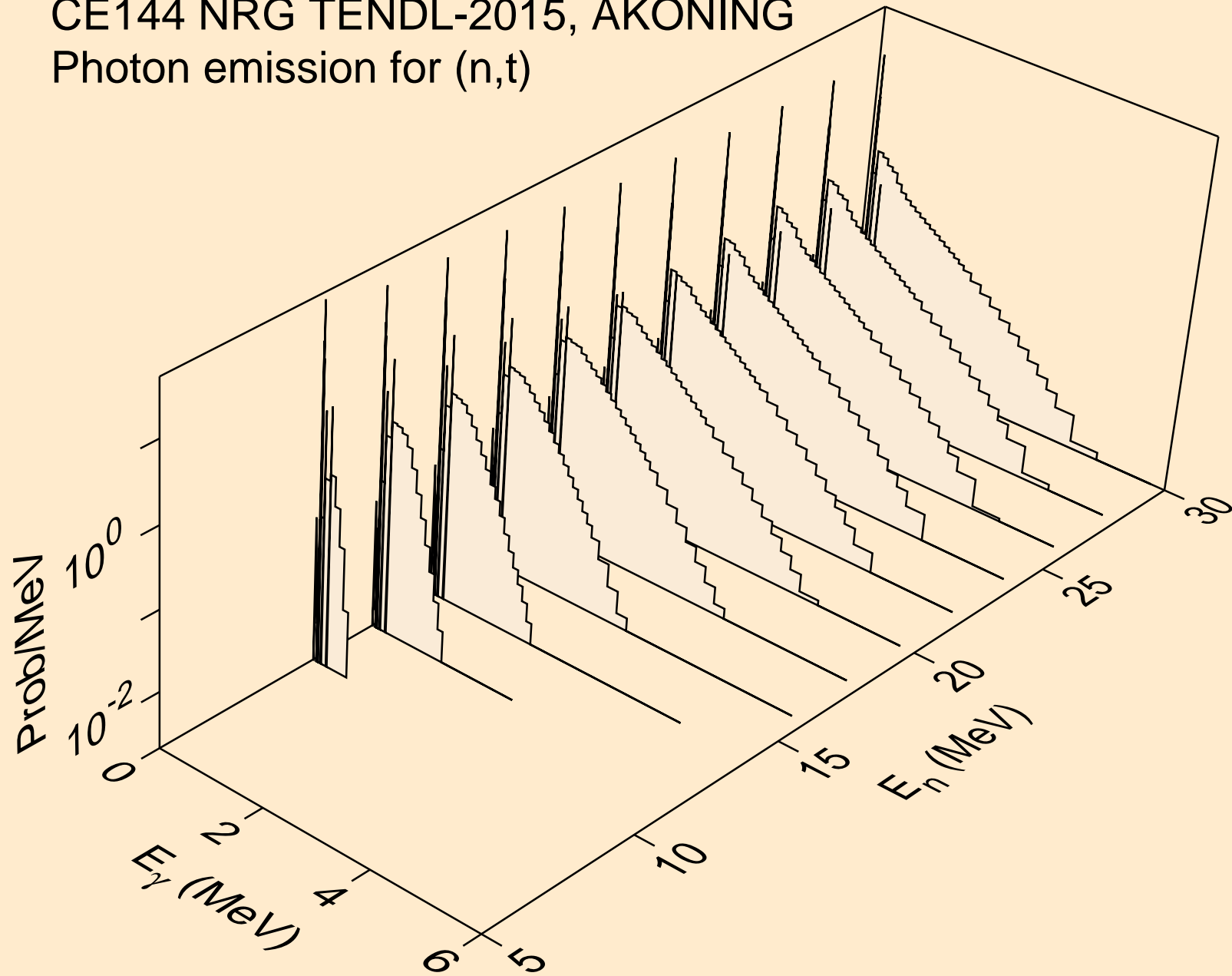


CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

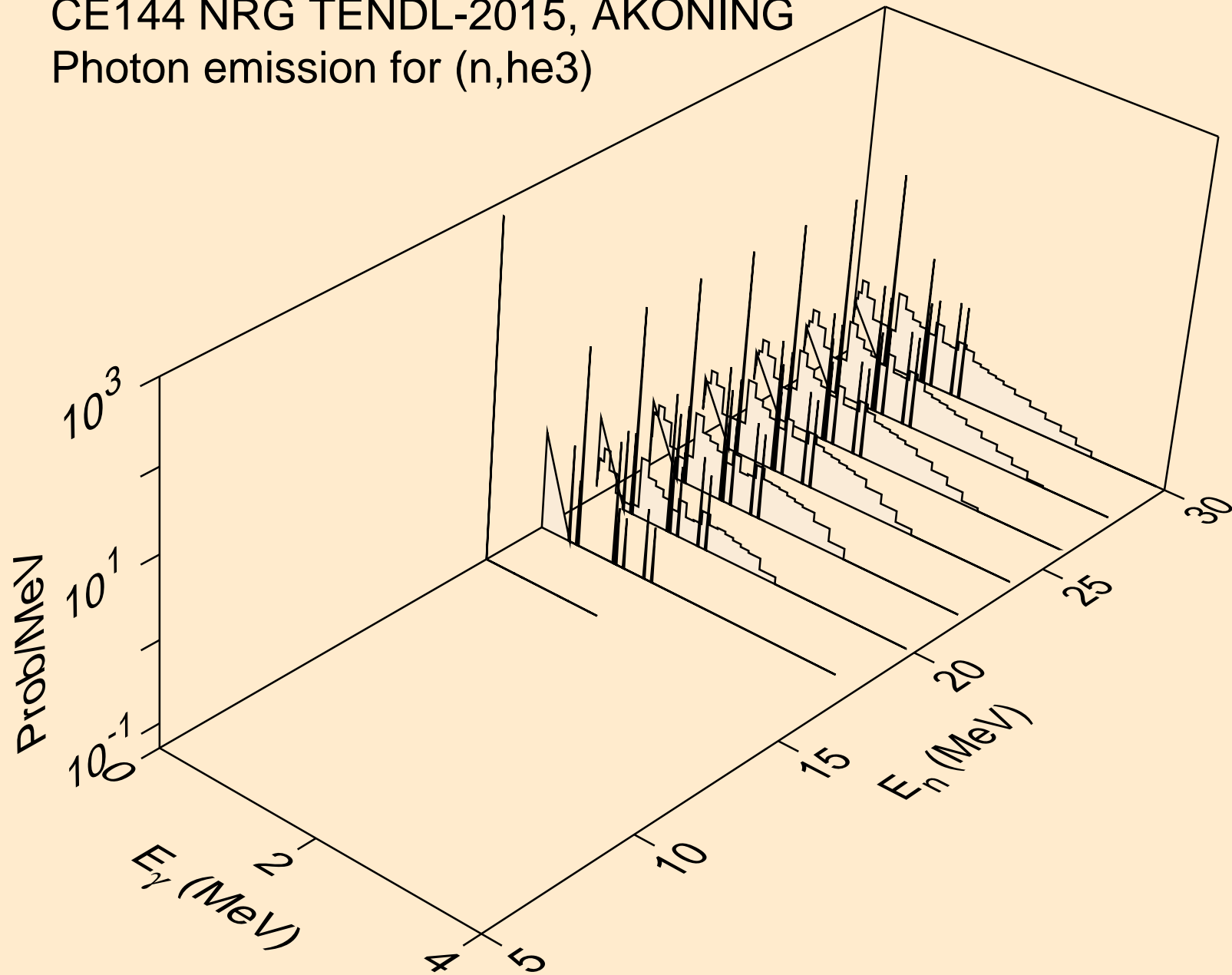


# CE144 NRG TENDL-2015, AKONING

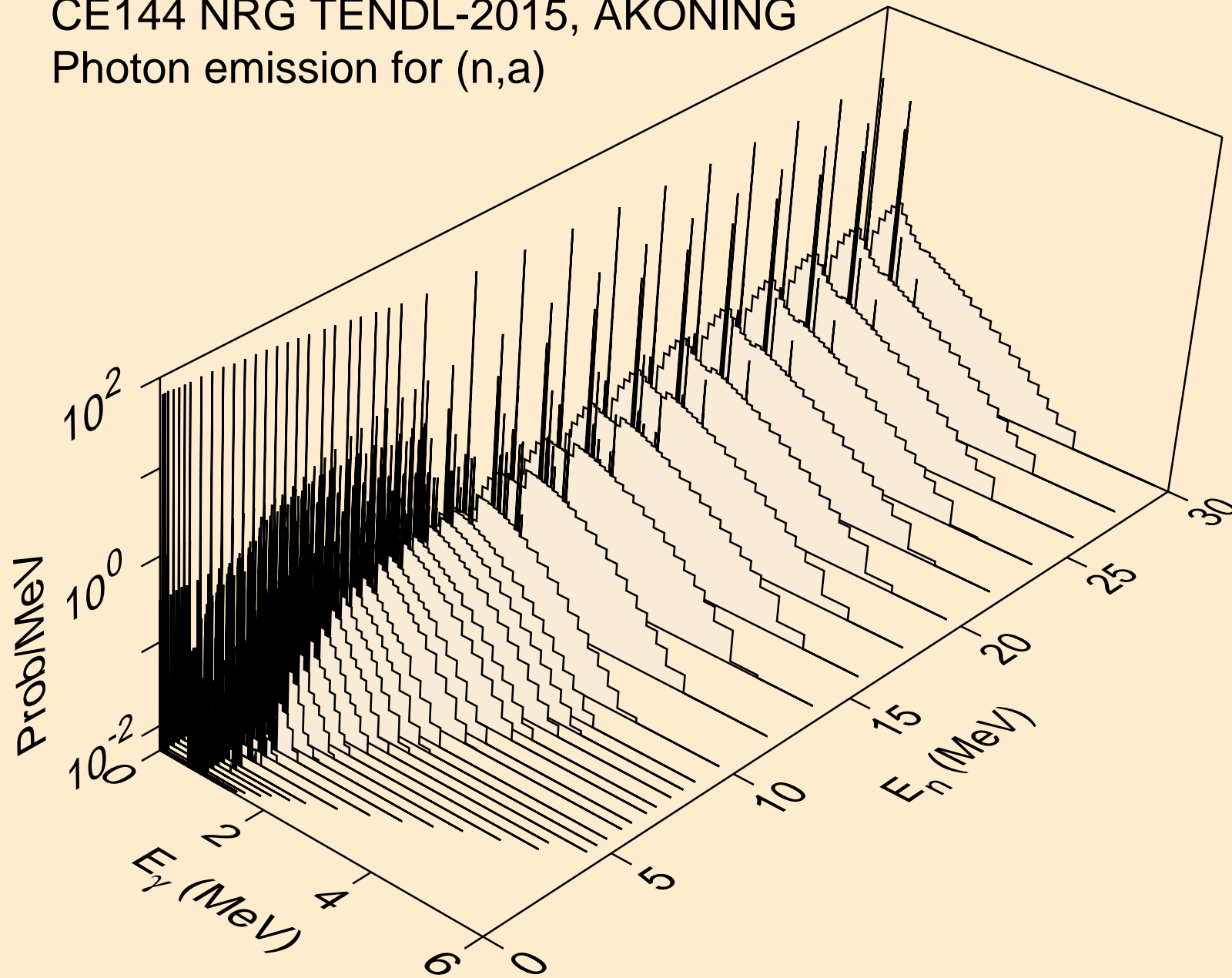
Photon emission for (n,t)



CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

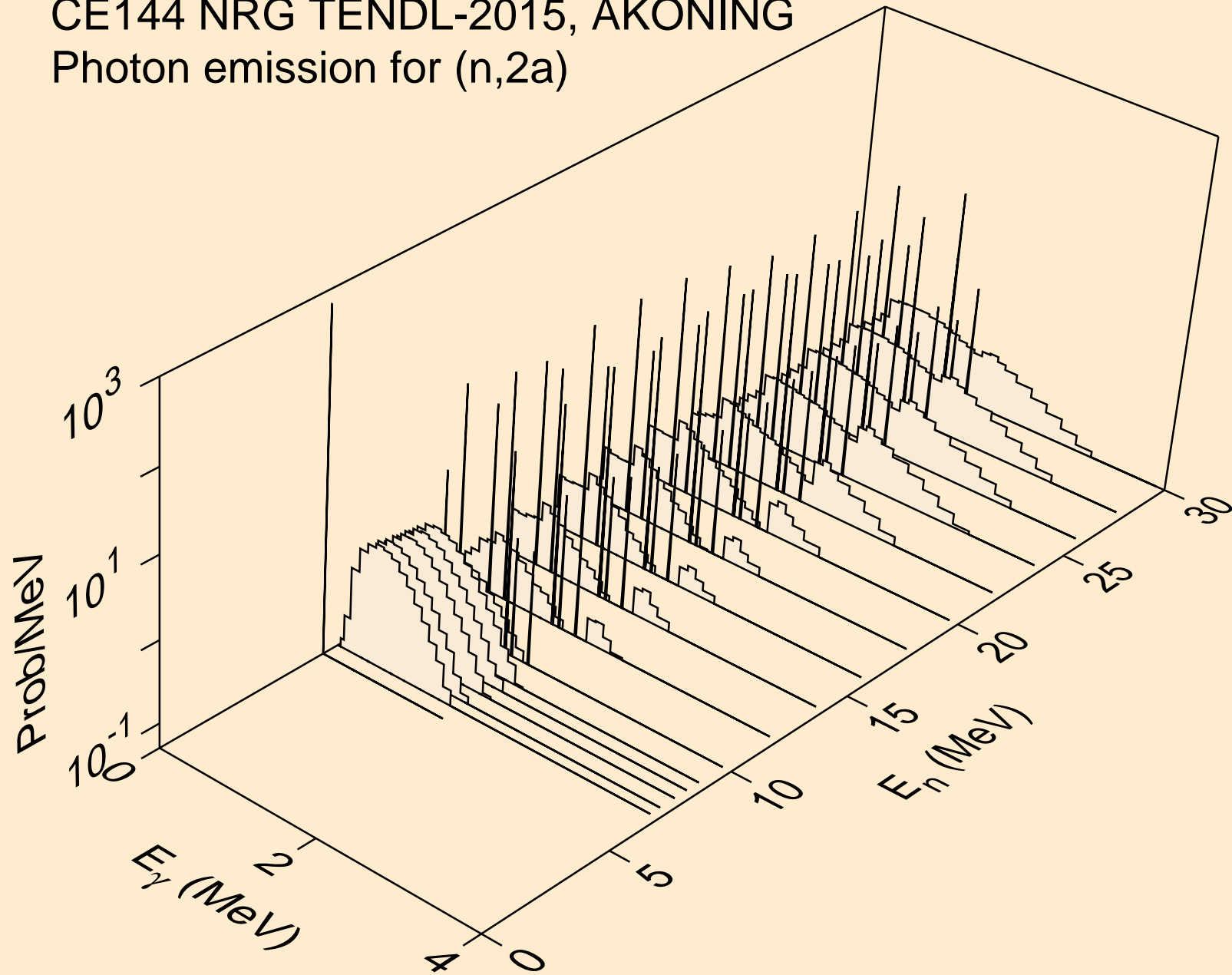


CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

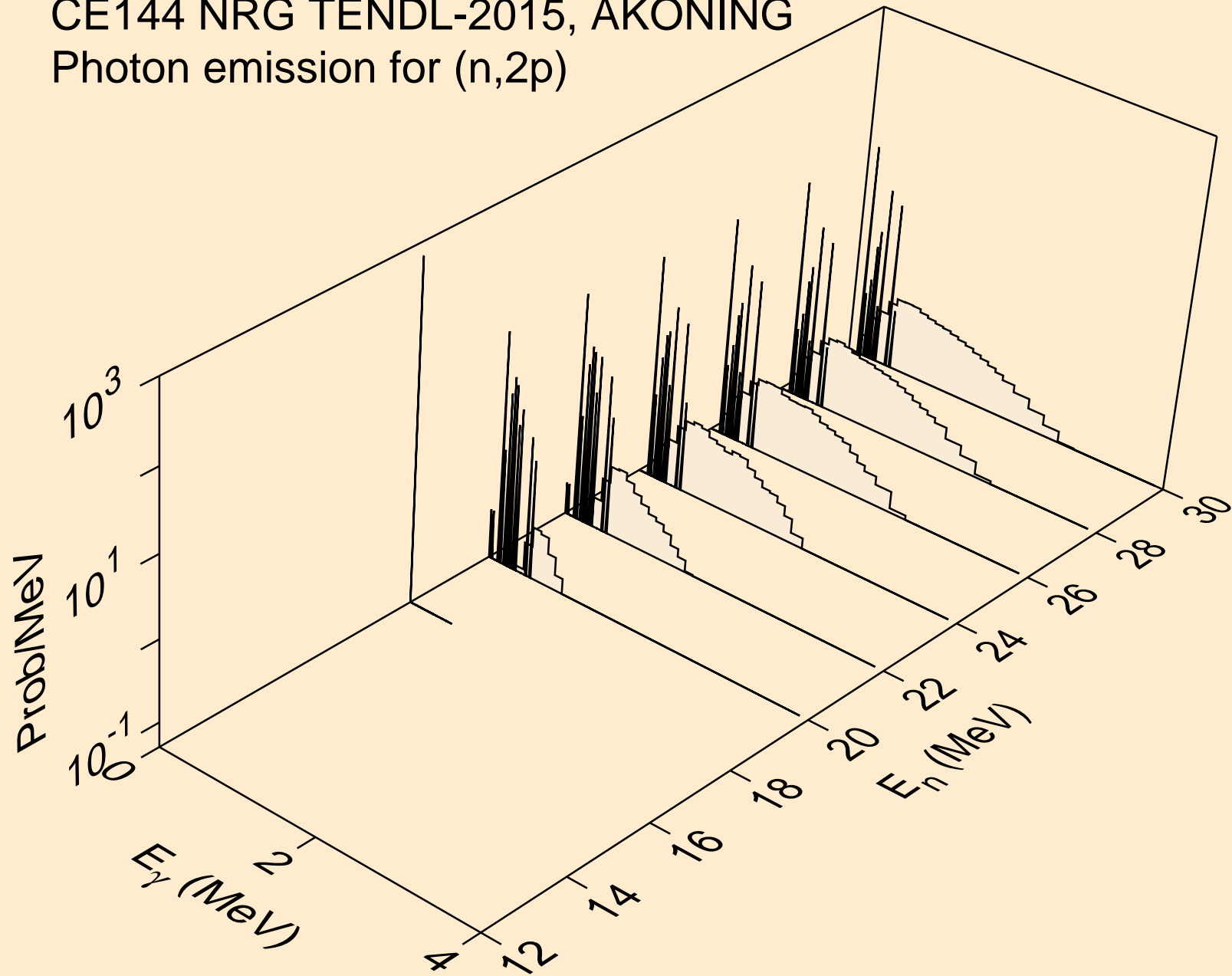




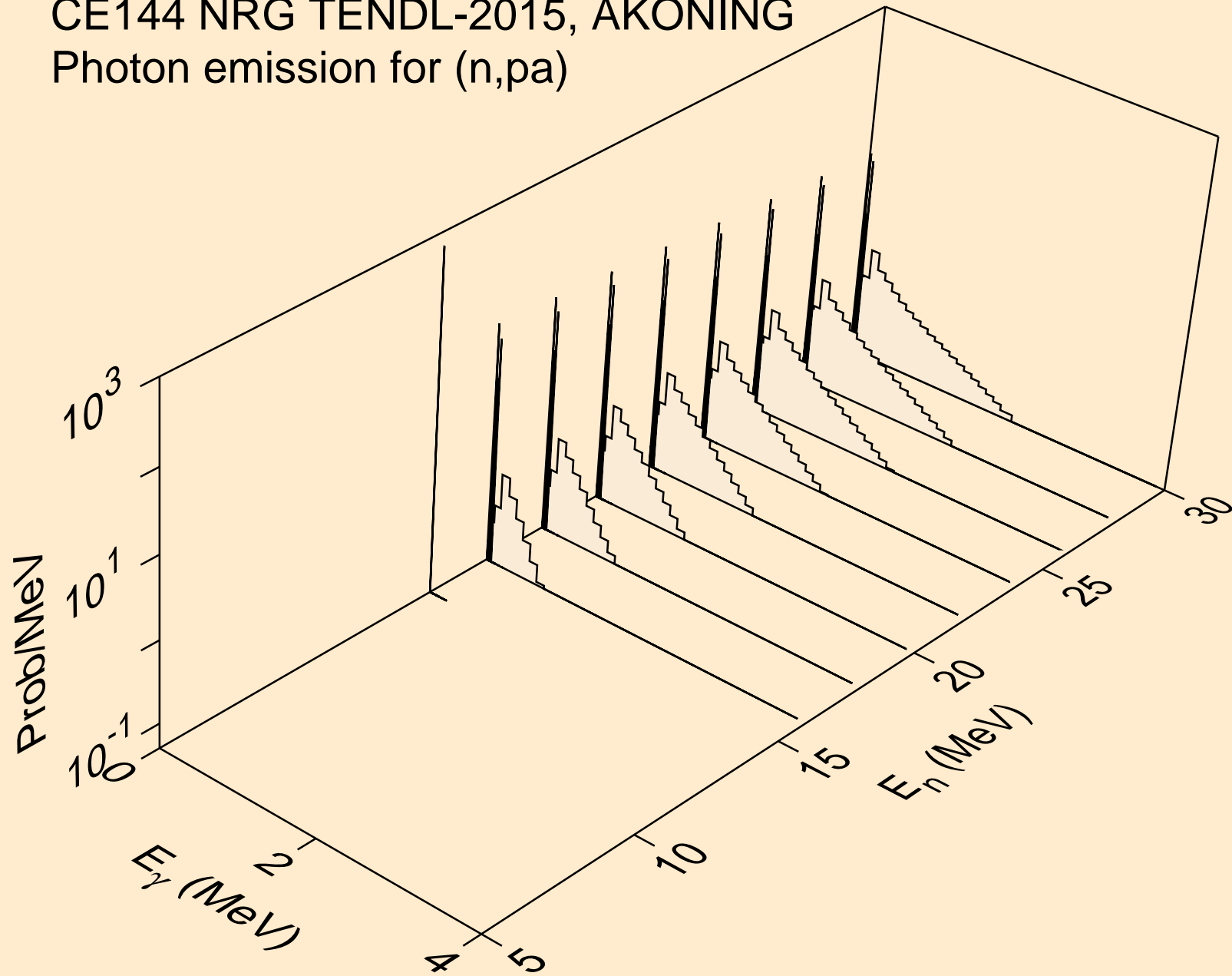
CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



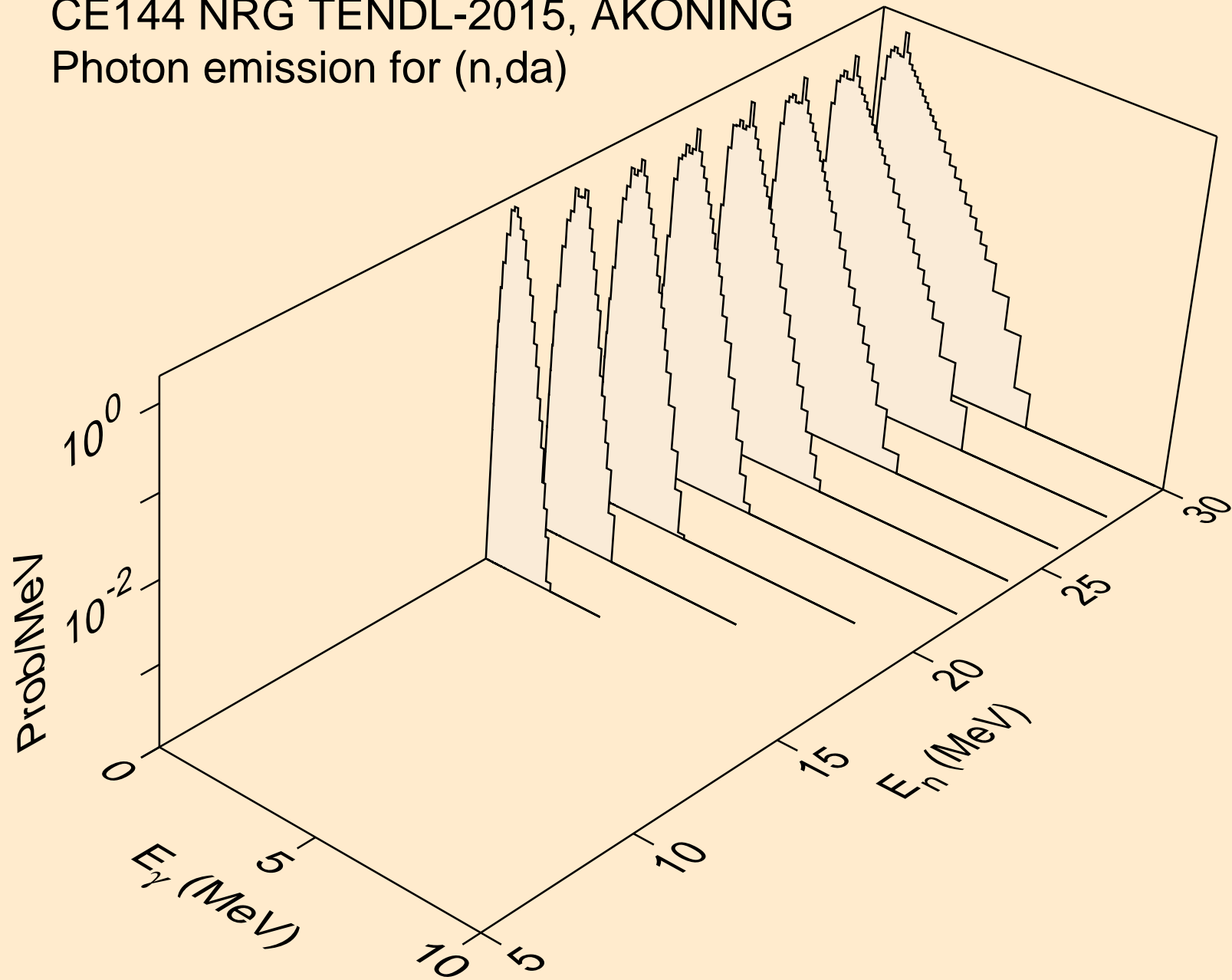
CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



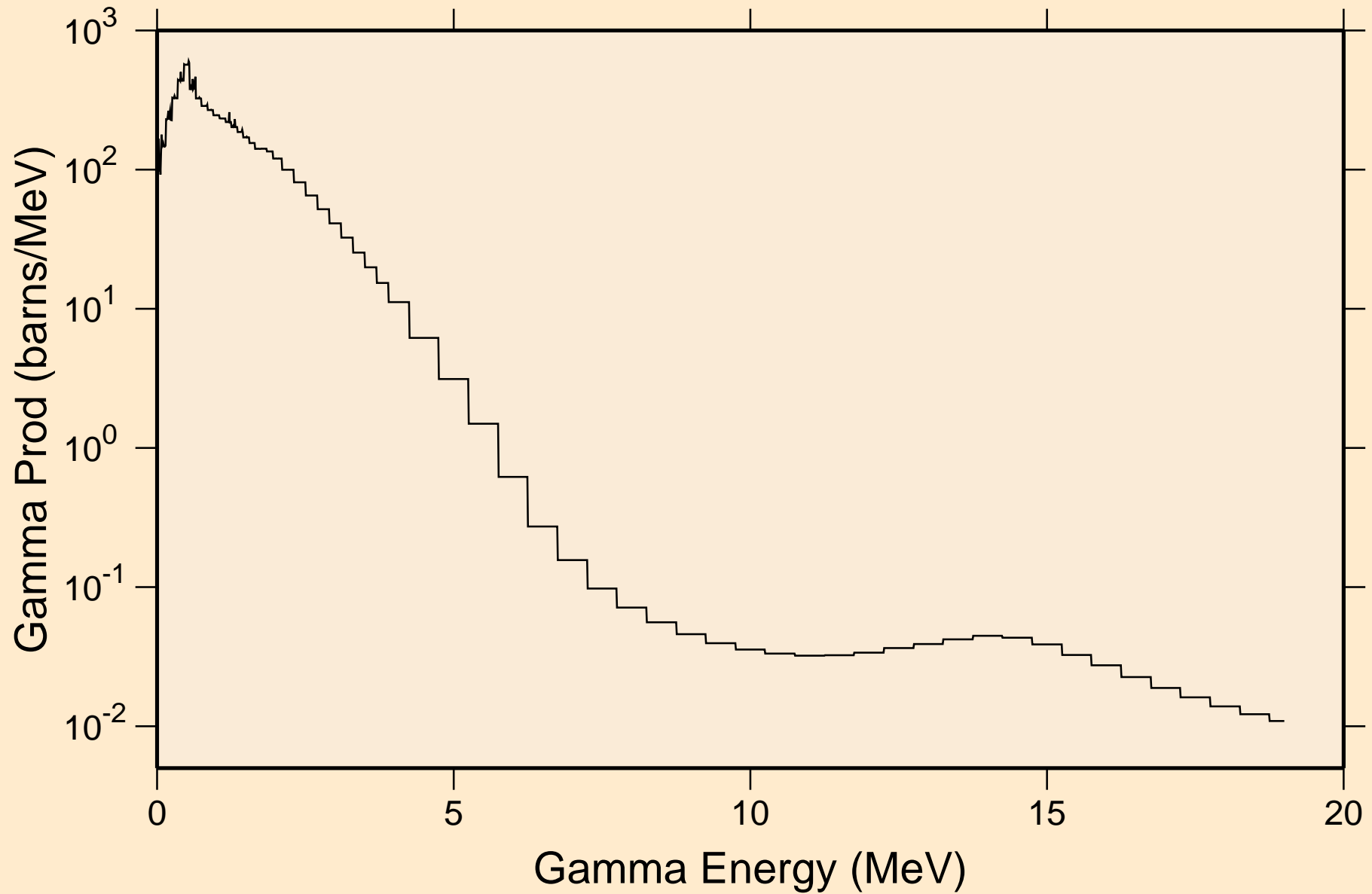
CE144 NRG TENDL-2015, AKONING  
Photon emission for (n,da)





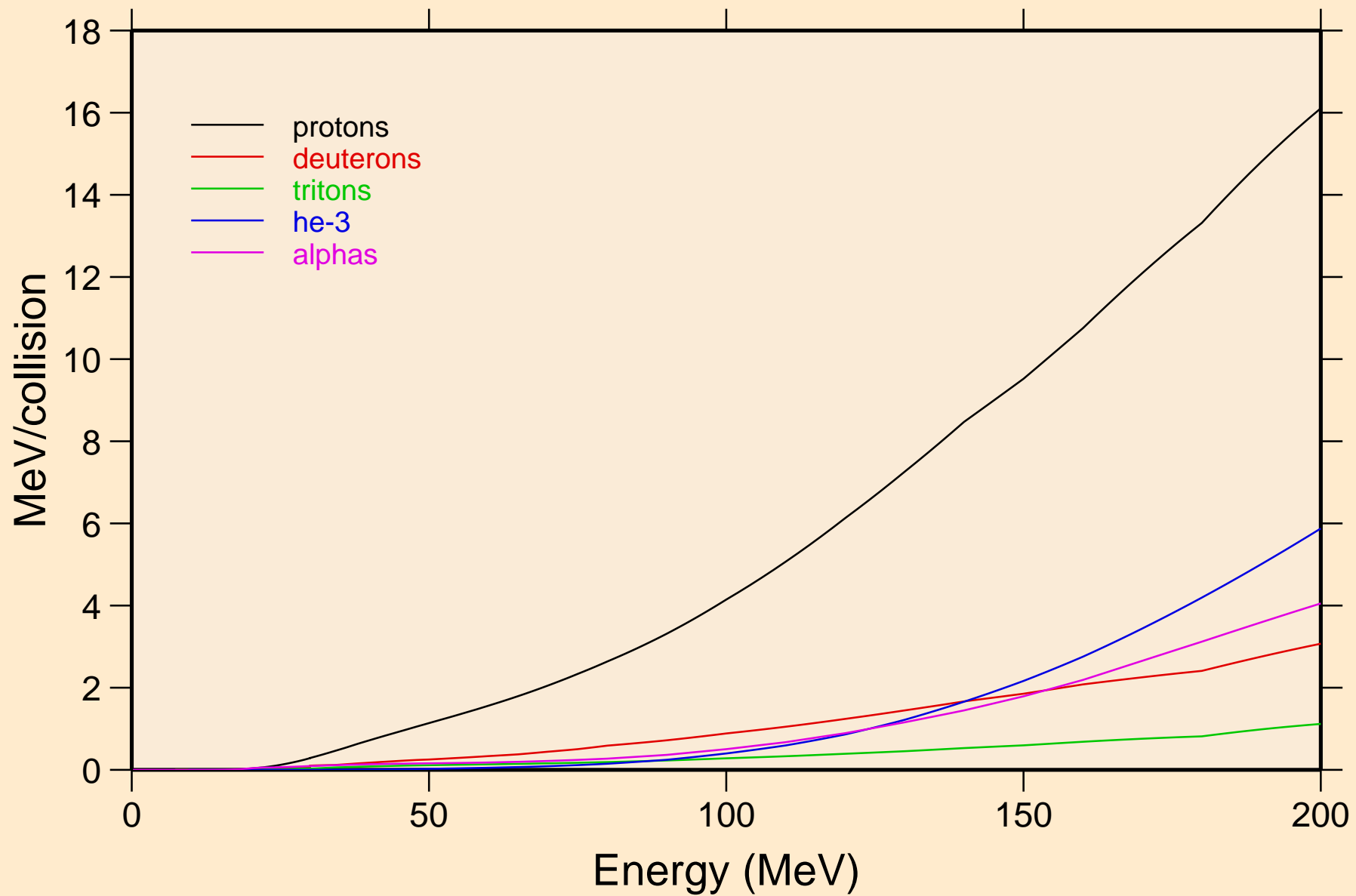
# CE144 NRG TENDL-2015, AKONING

## 14 MeV photon spectrum



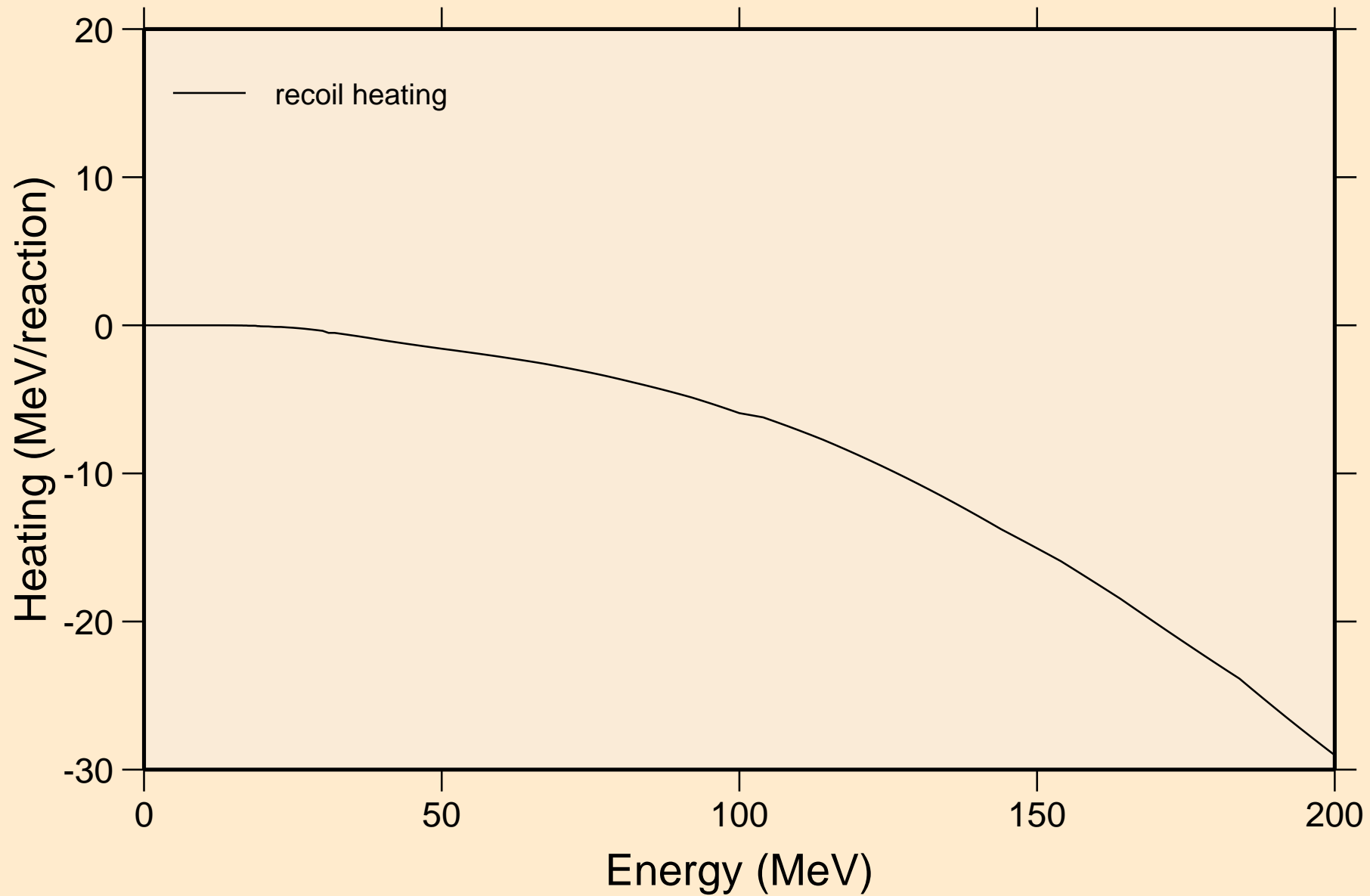
# CE144 NRG TENDL-2015, AKONING

## Particle heating contributions



# CE144 NRG TENDL-2015, AKONING

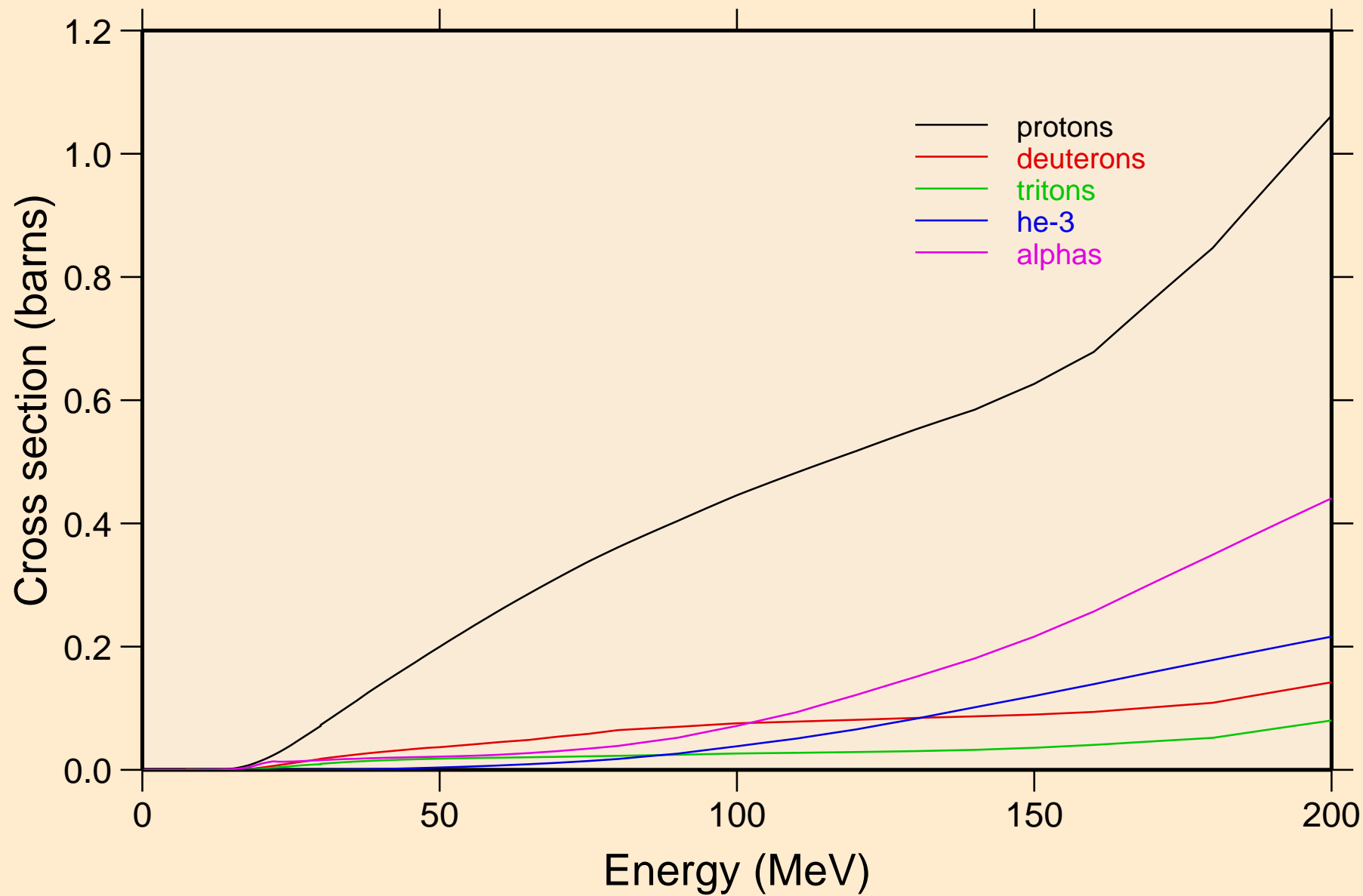
## Recoil Heating



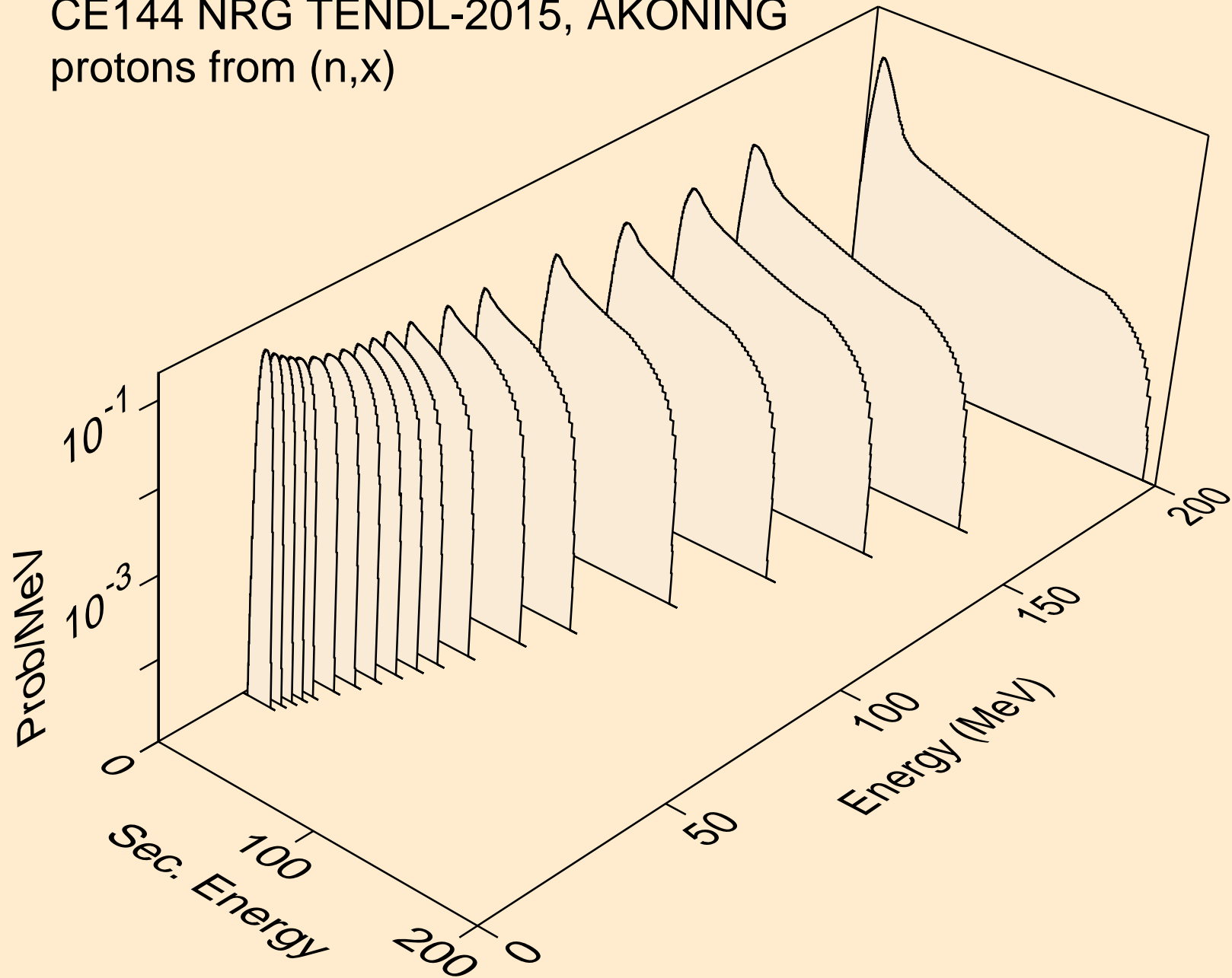


# CE144 NRG TENDL-2015, AKONING

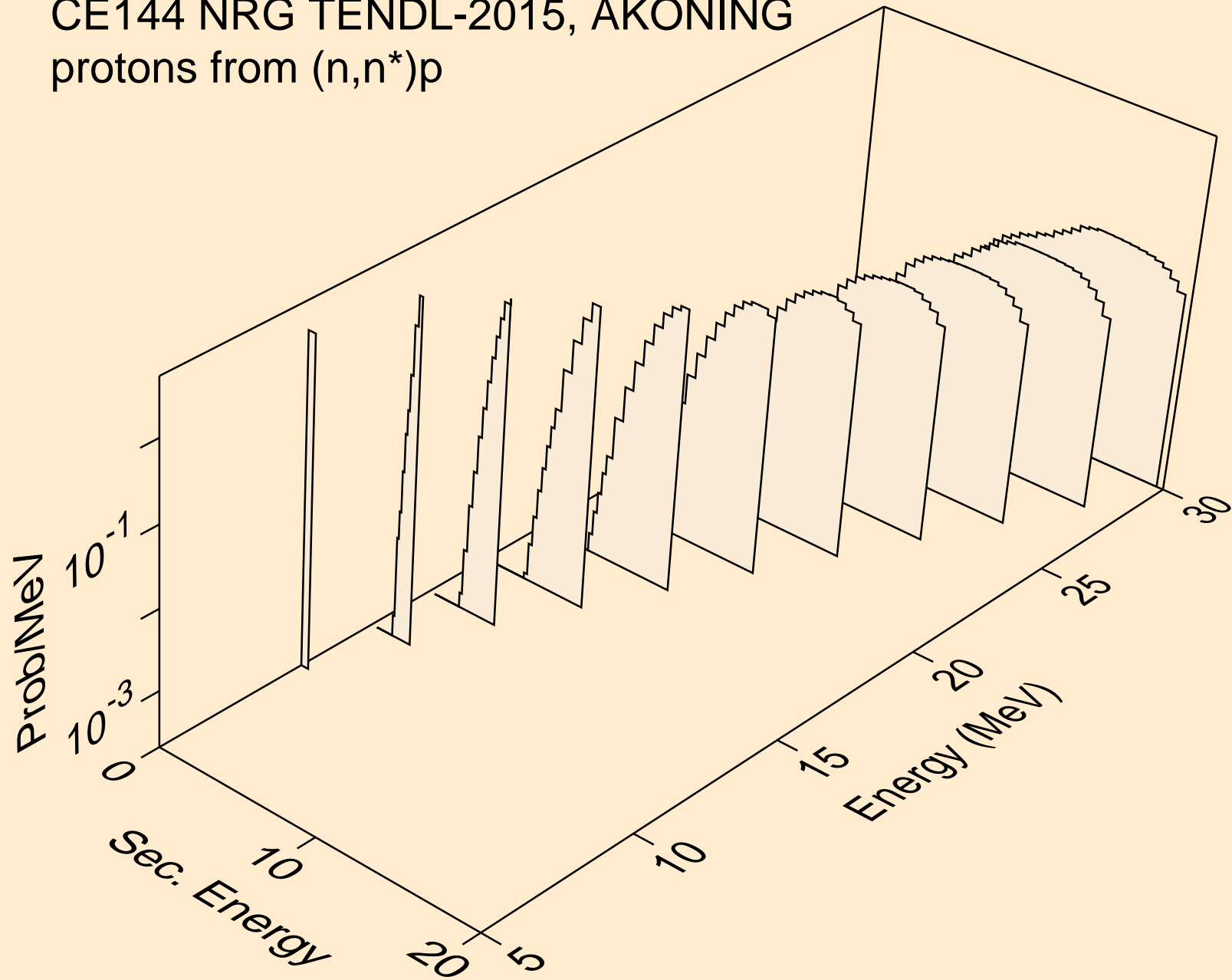
## Particle production cross sections



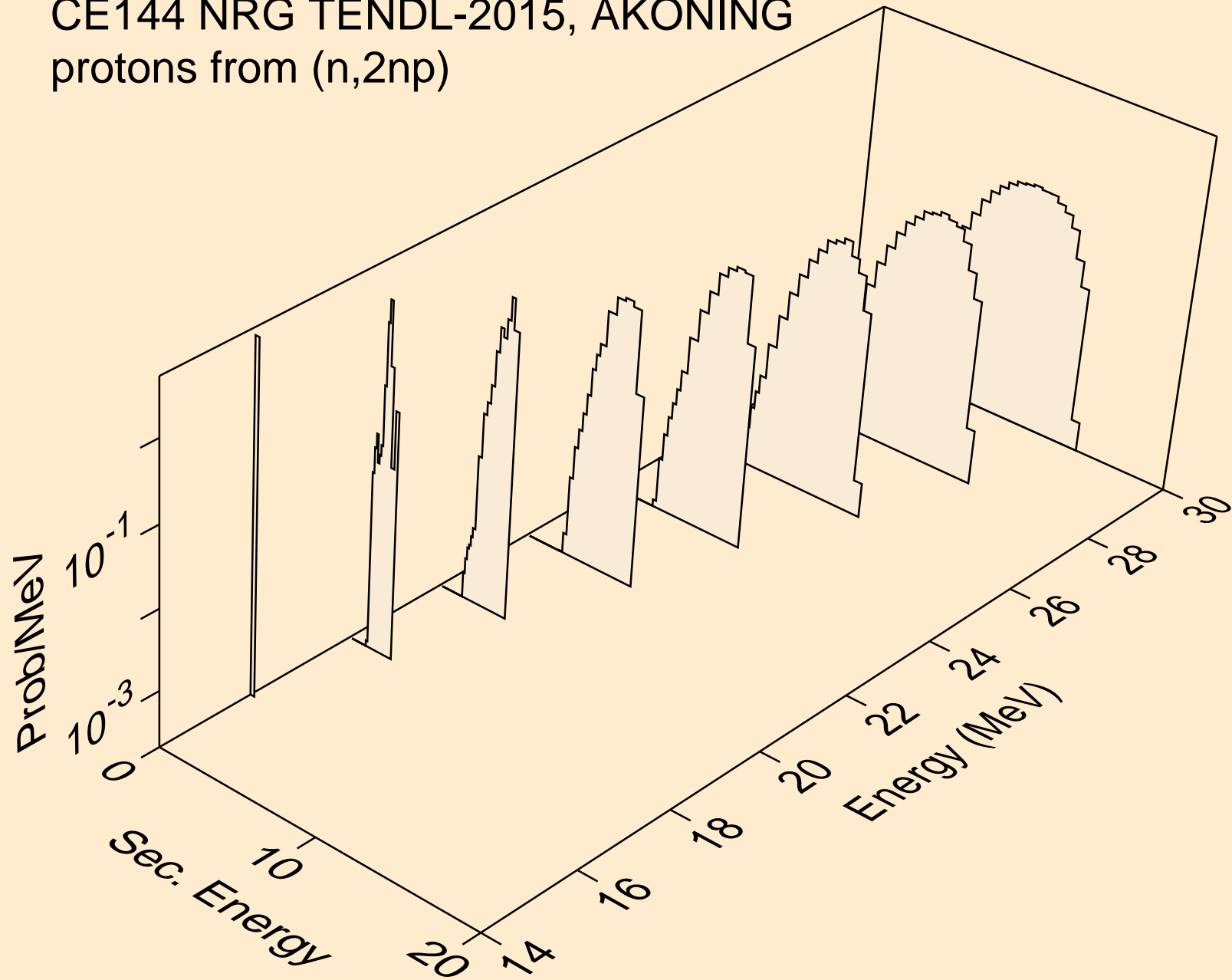
CE144 NRG TENDL-2015, AKONING  
protons from (n,x)



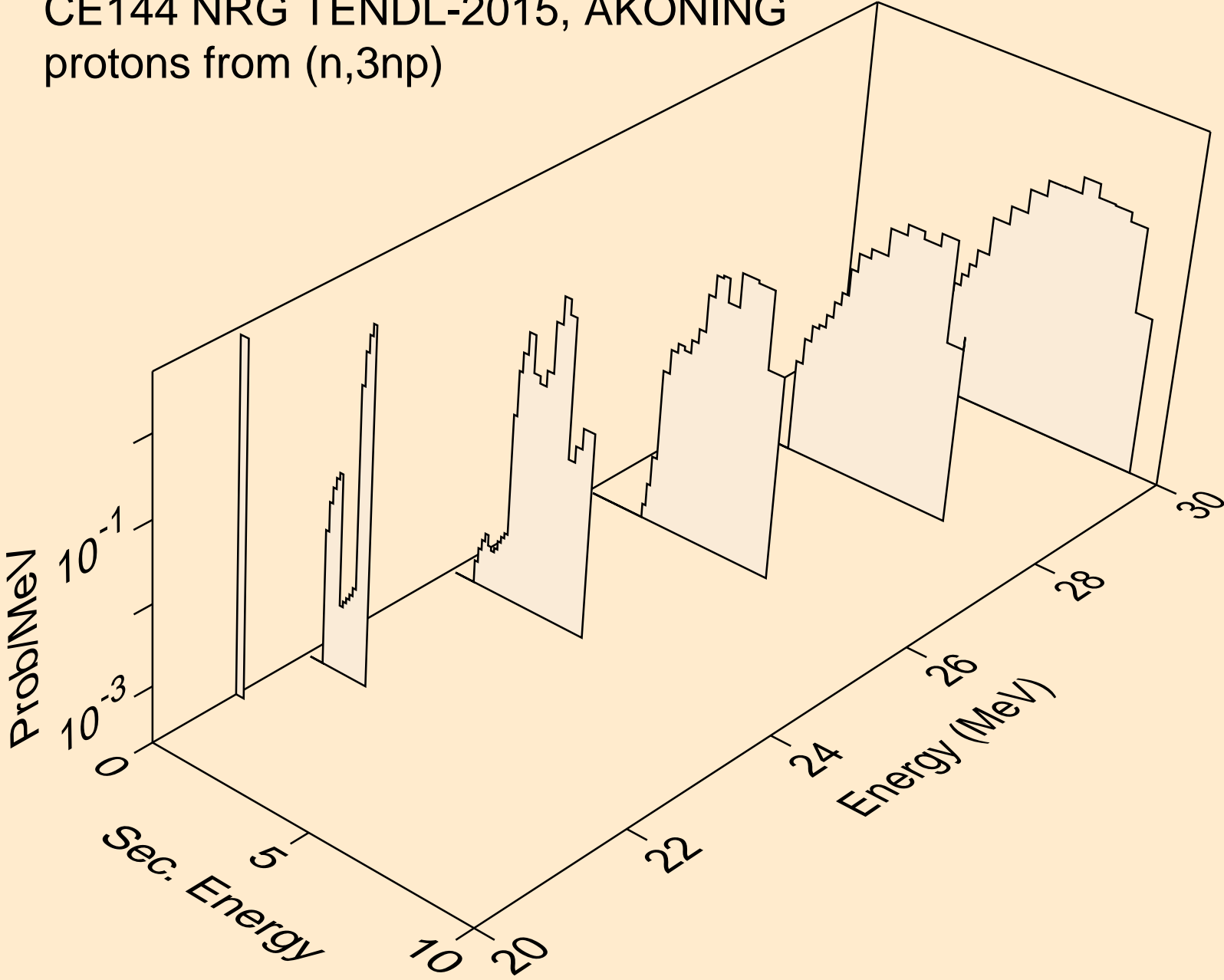
CE144 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



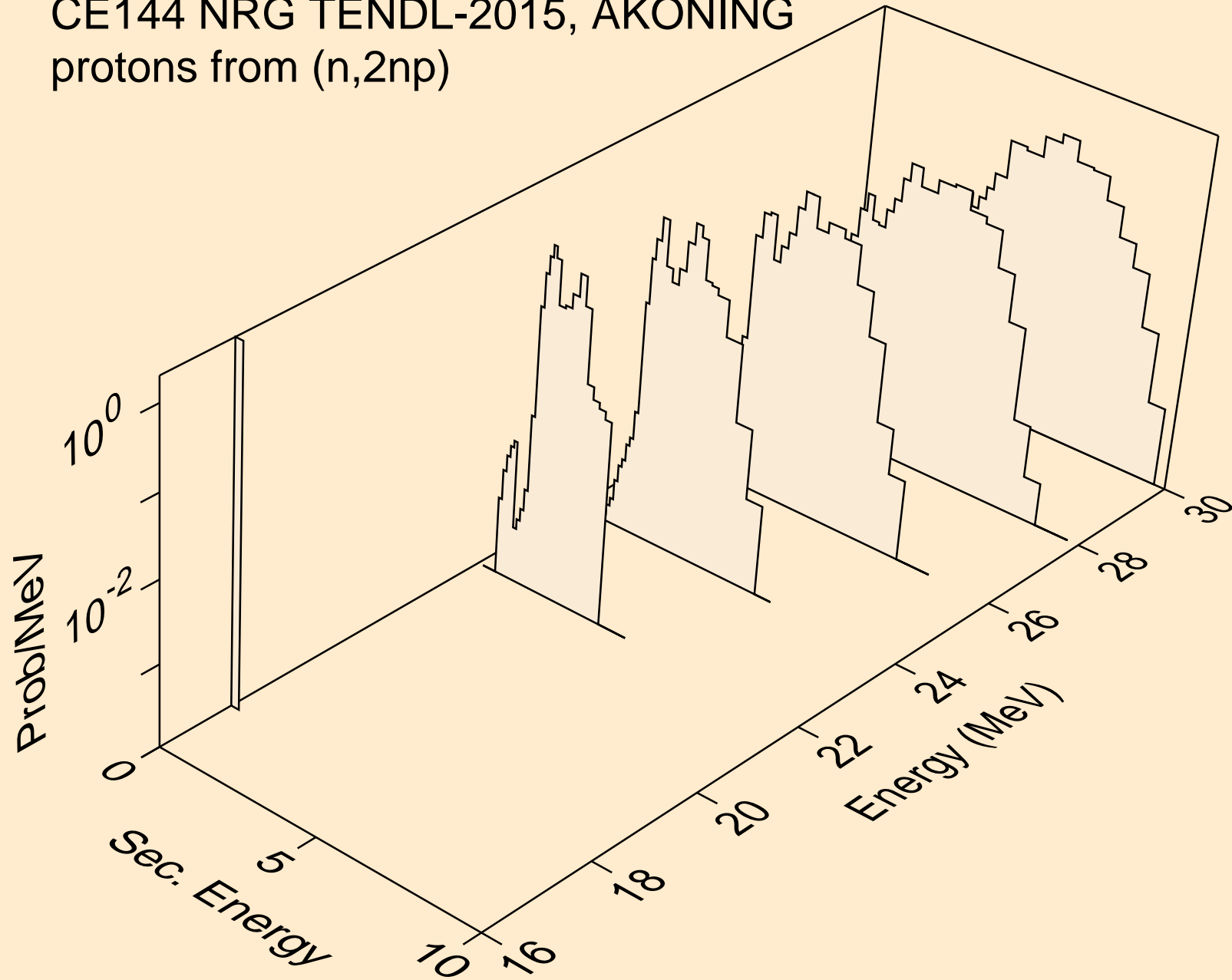
CE144 NRG TENDL-2015, AKONING  
protons from (n,2np)



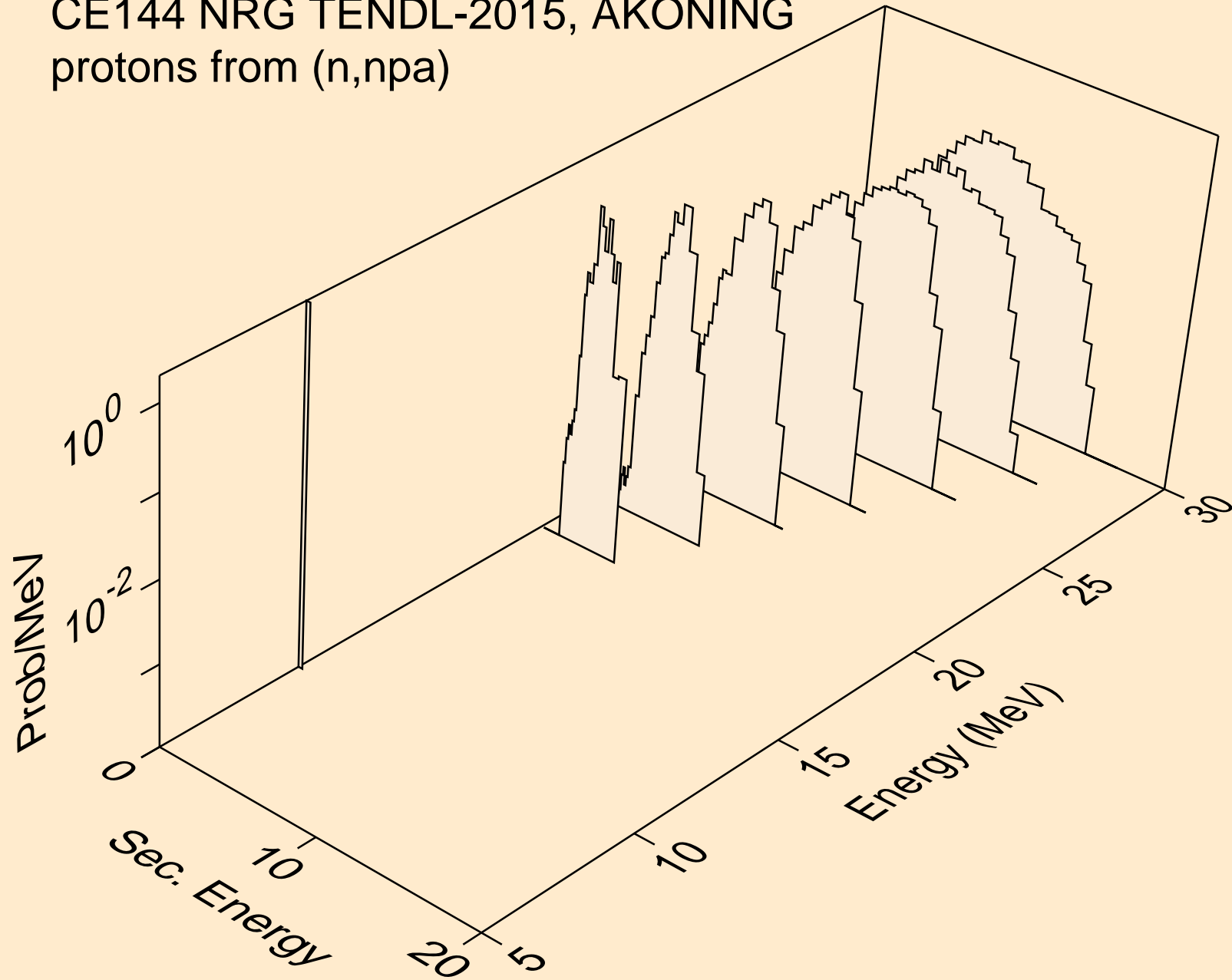
CE144 NRG TENDL-2015, AKONING  
protons from (n,3np)



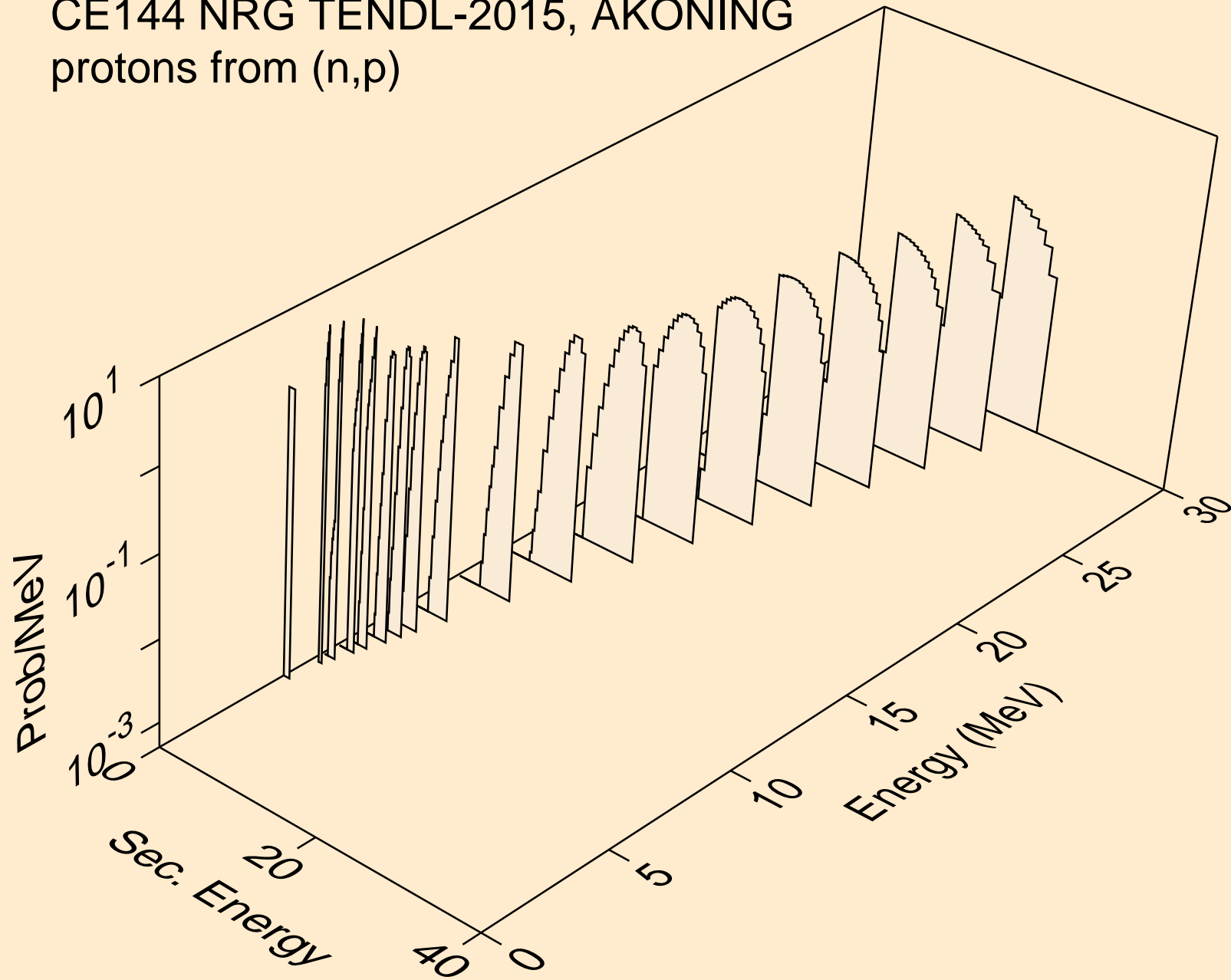
CE144 NRG TENDL-2015, AKONING  
protons from (n,2np)



CE144 NRG TENDL-2015, AKONING  
protons from (n,npa)

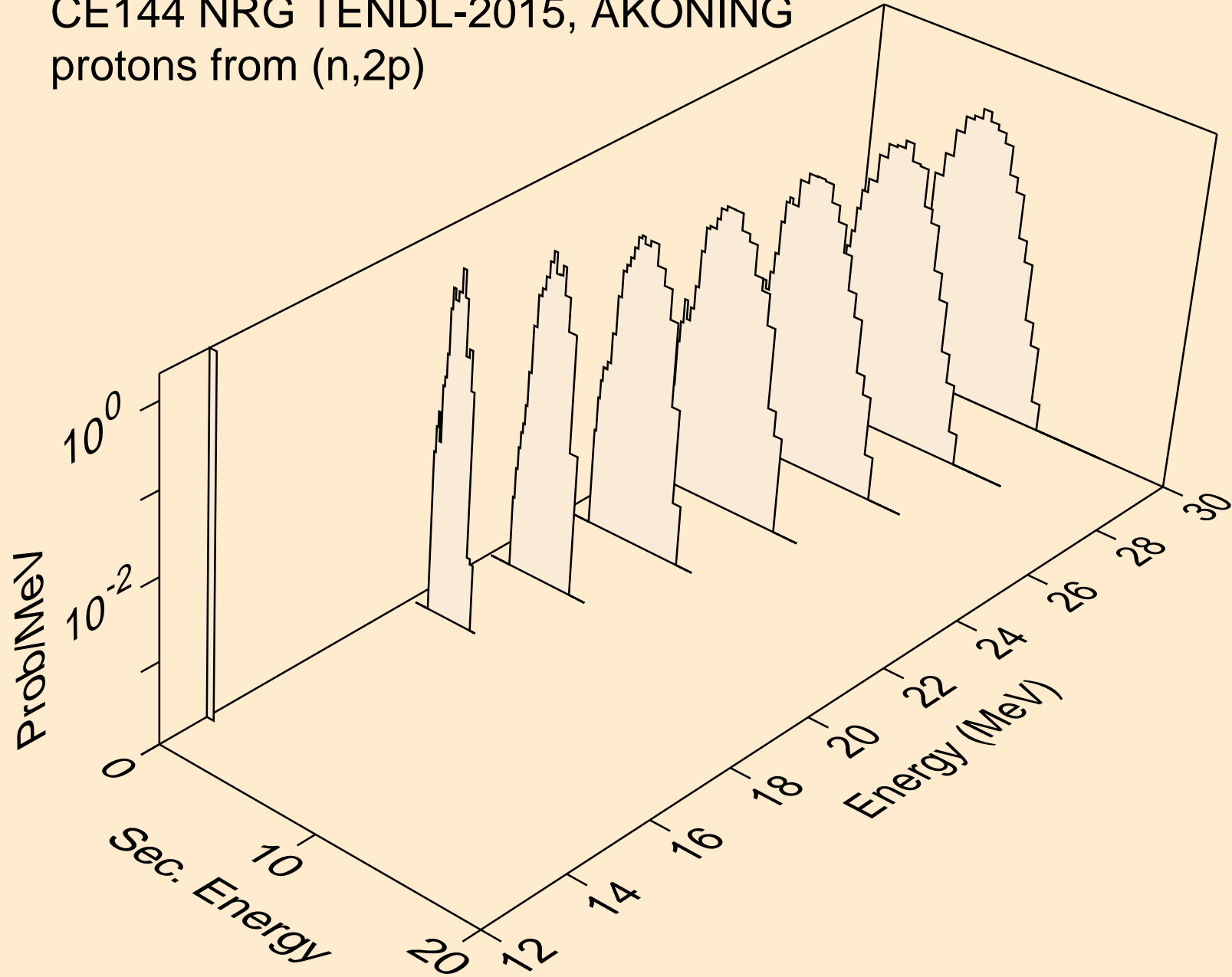


CE144 NRG TENDL-2015, AKONING  
protons from (n,p)

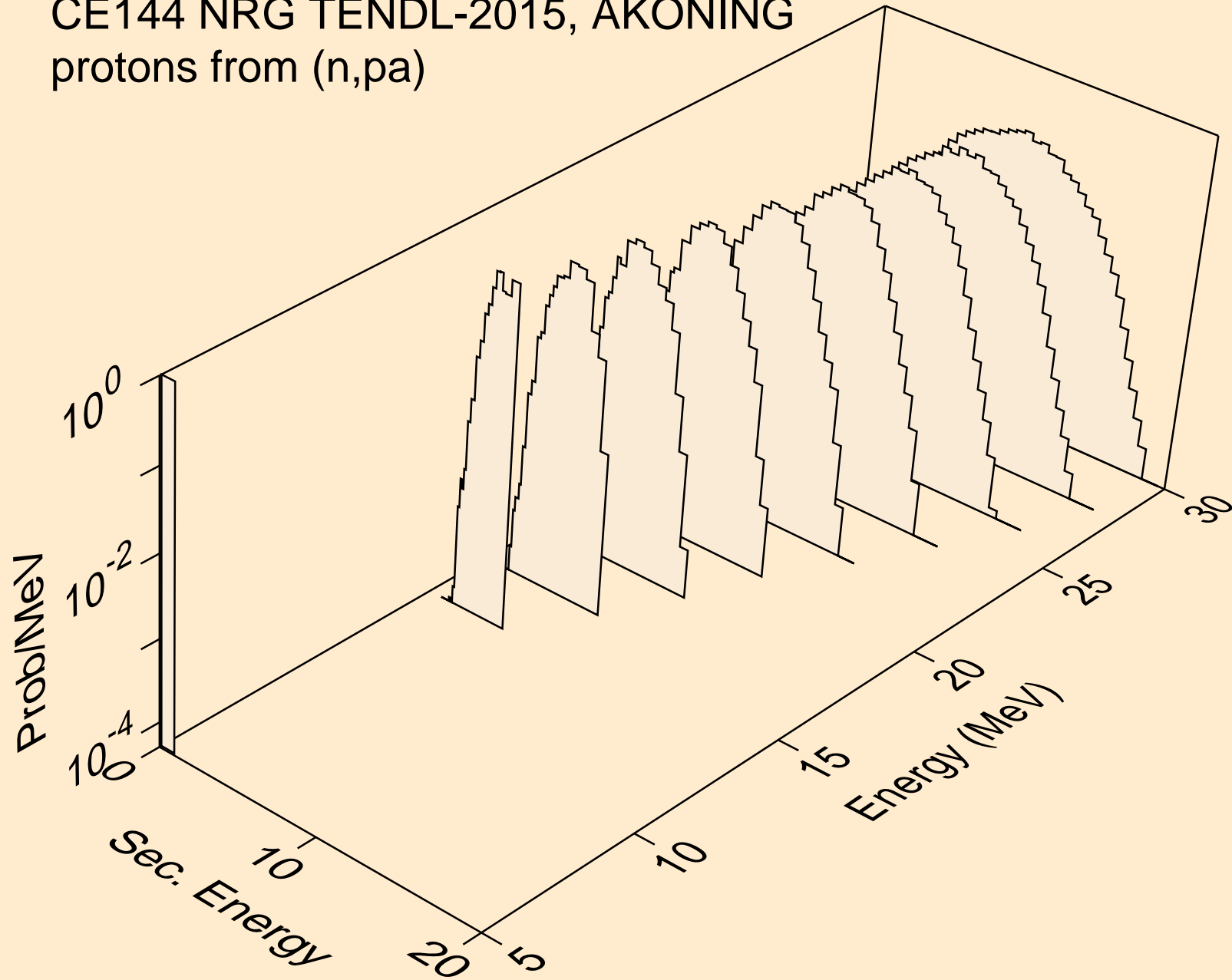




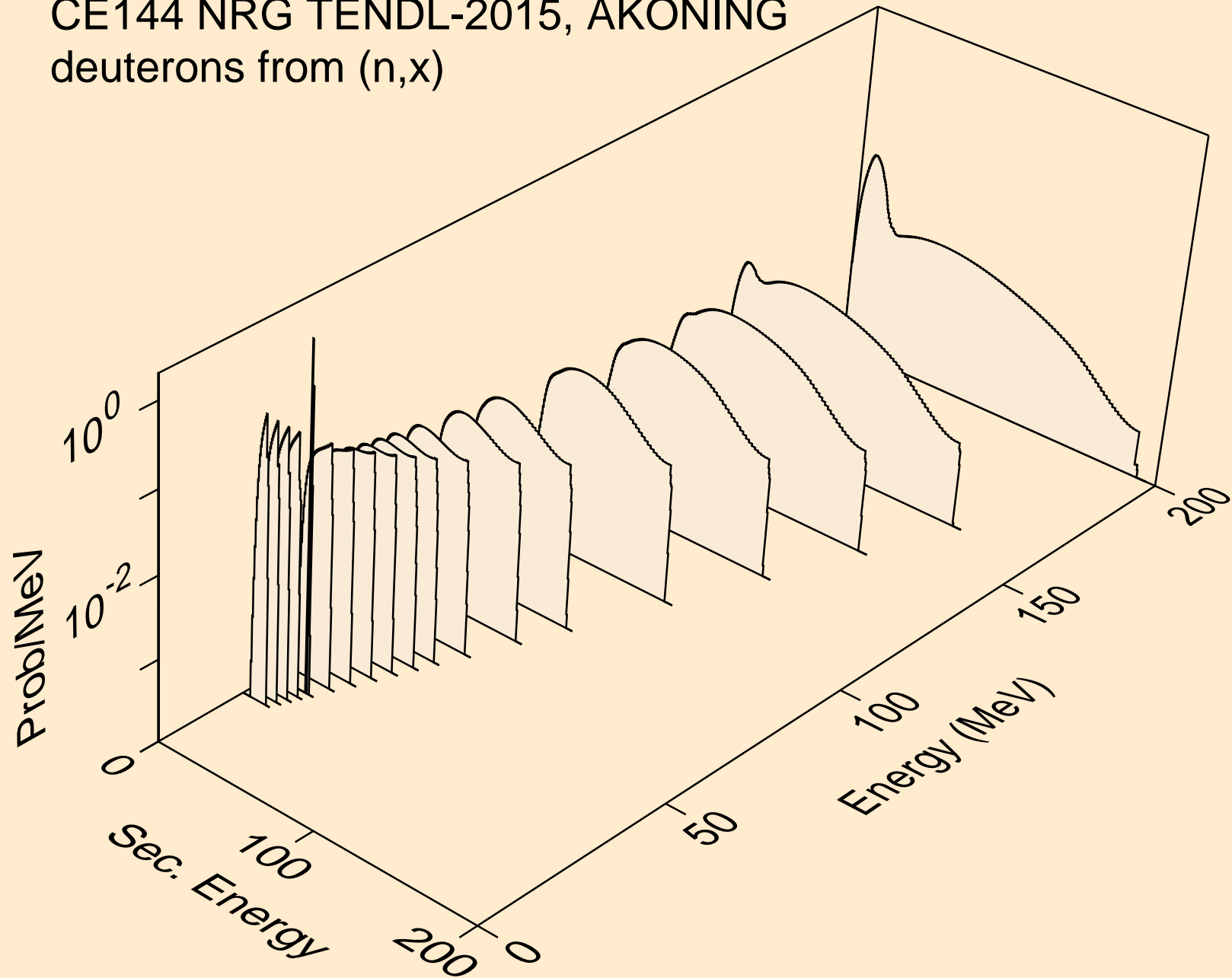
CE144 NRG TENDL-2015, AKONING  
protons from (n,2p)



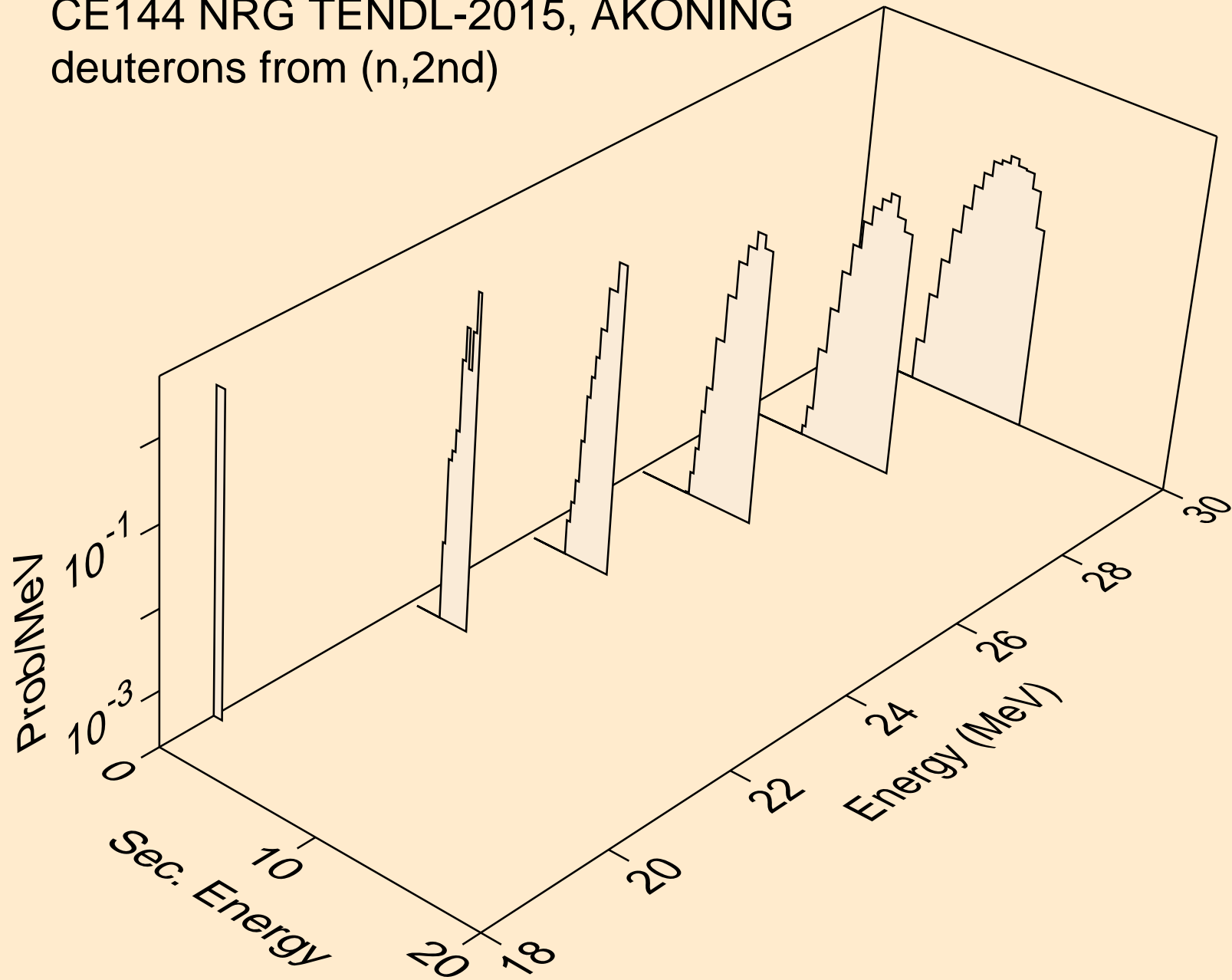
CE144 NRG TENDL-2015, AKONING  
protons from (n,pa)



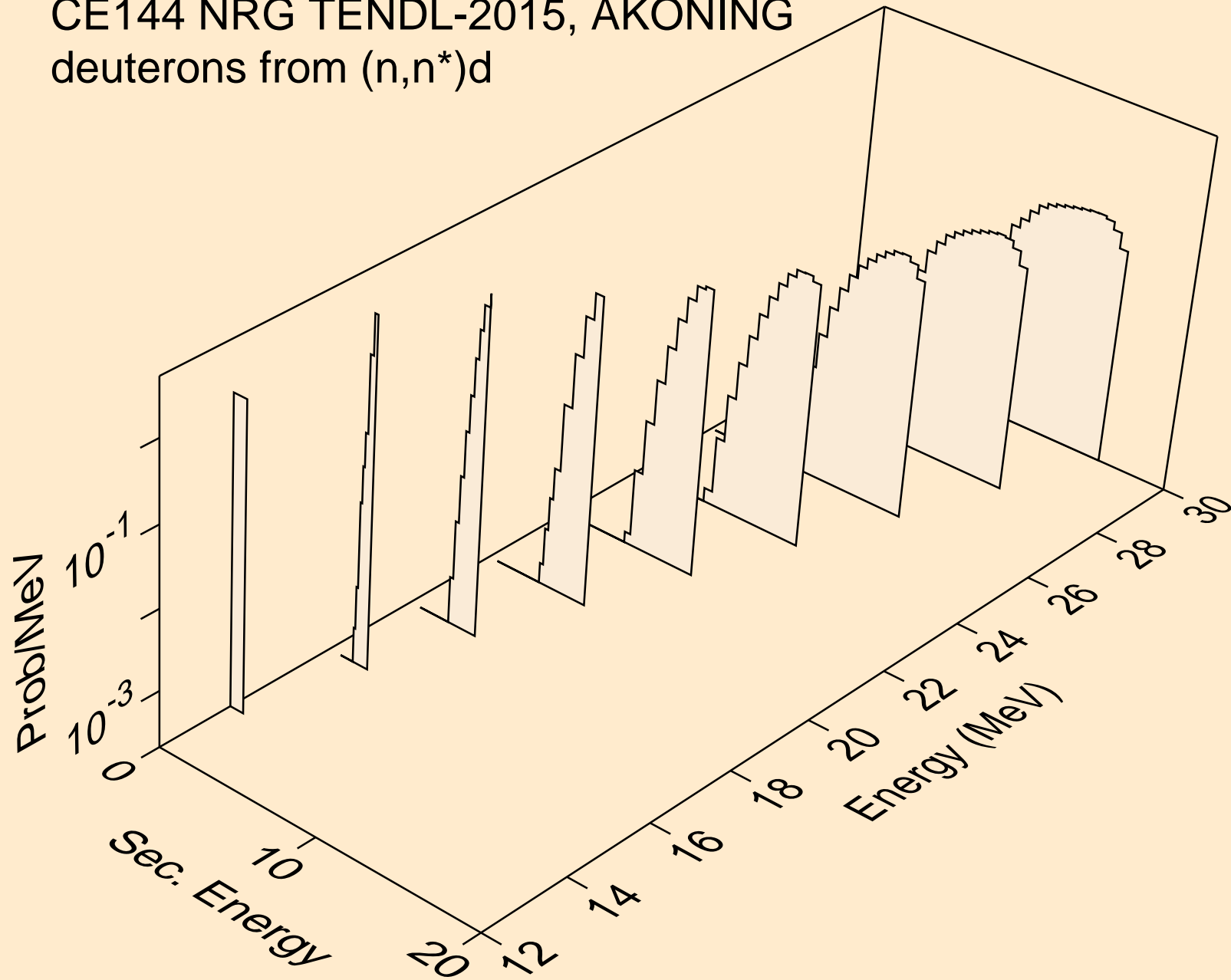
CE144 NRG TENDL-2015, AKONING  
deuterons from (n,x)



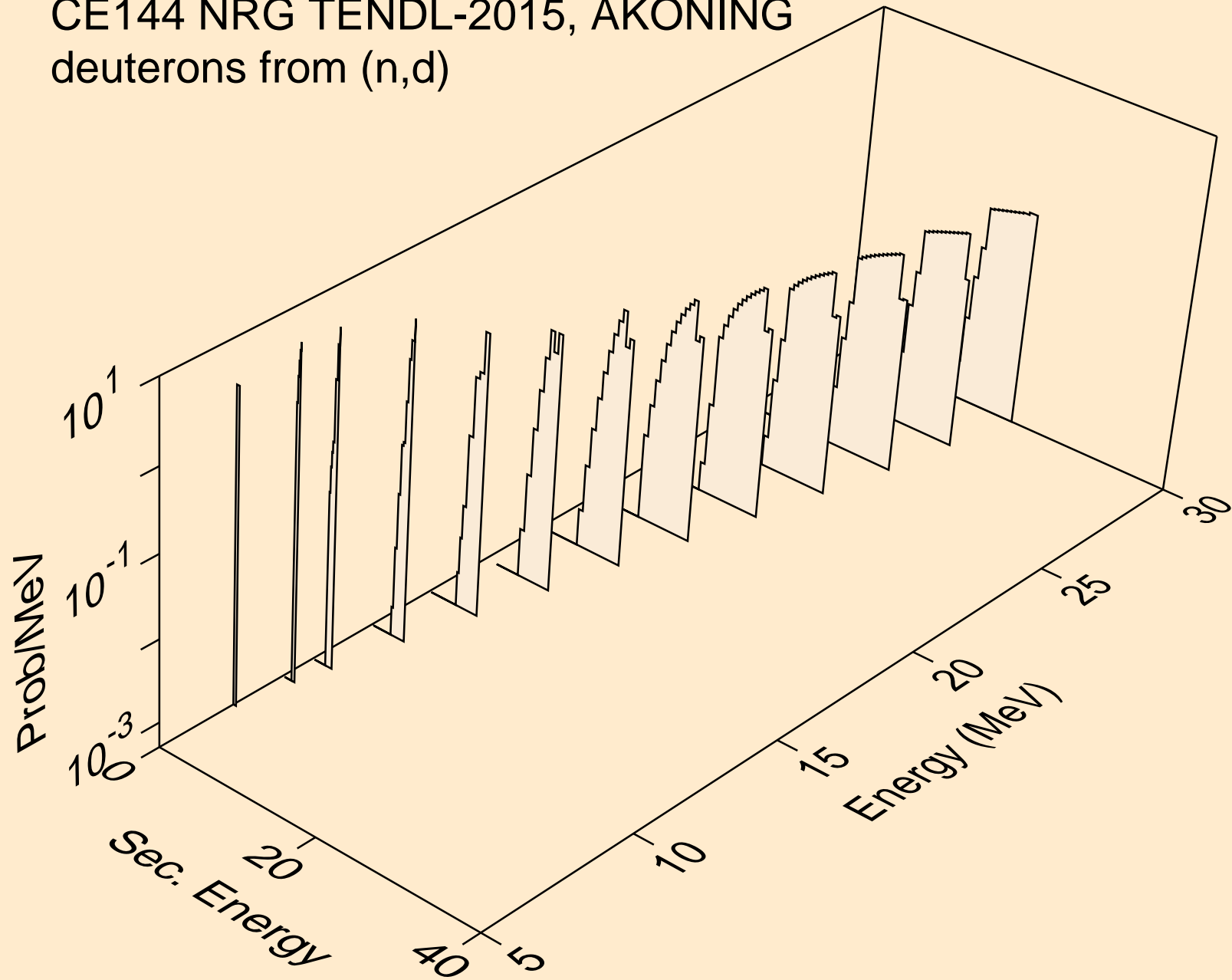
CE144 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



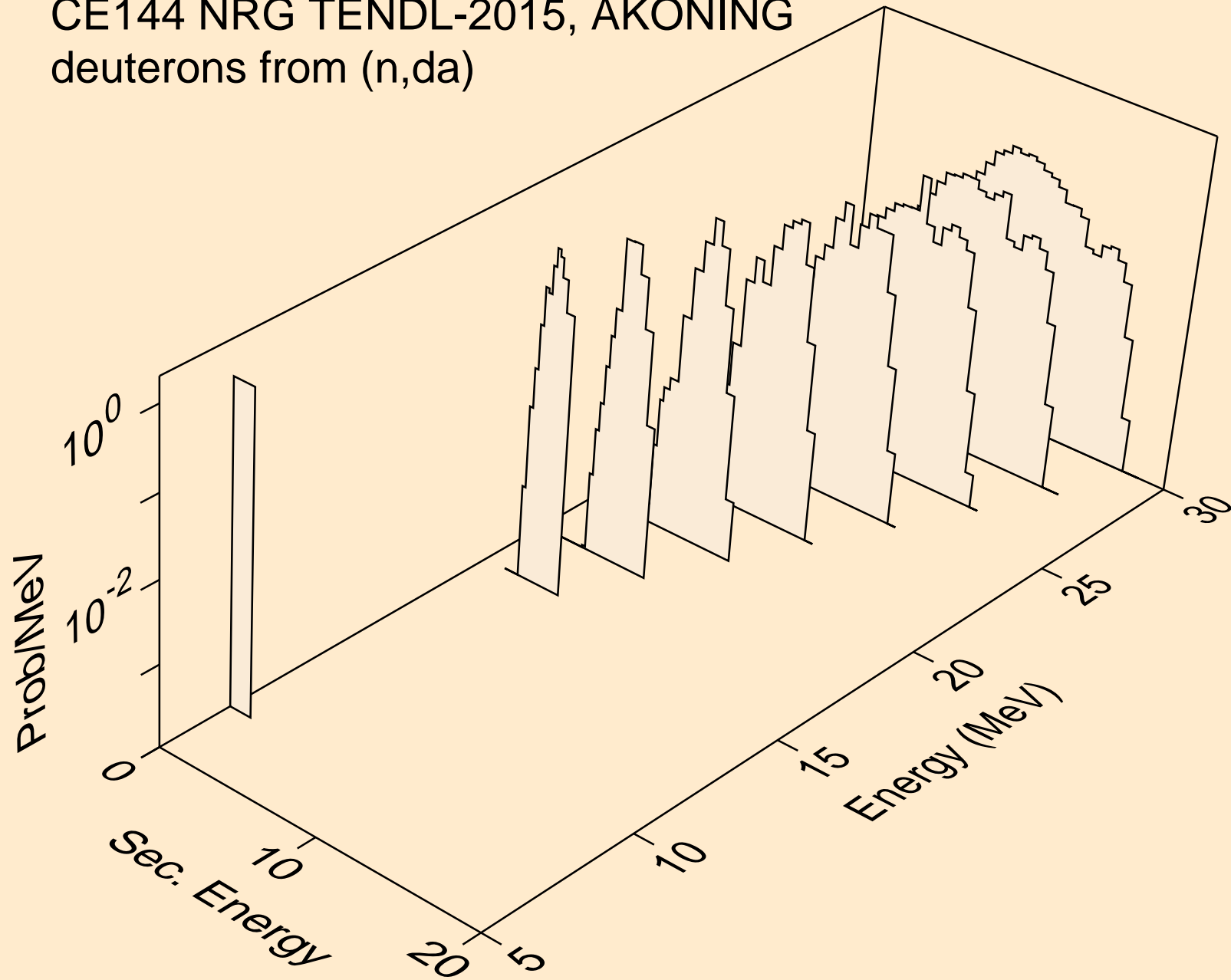
CE144 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



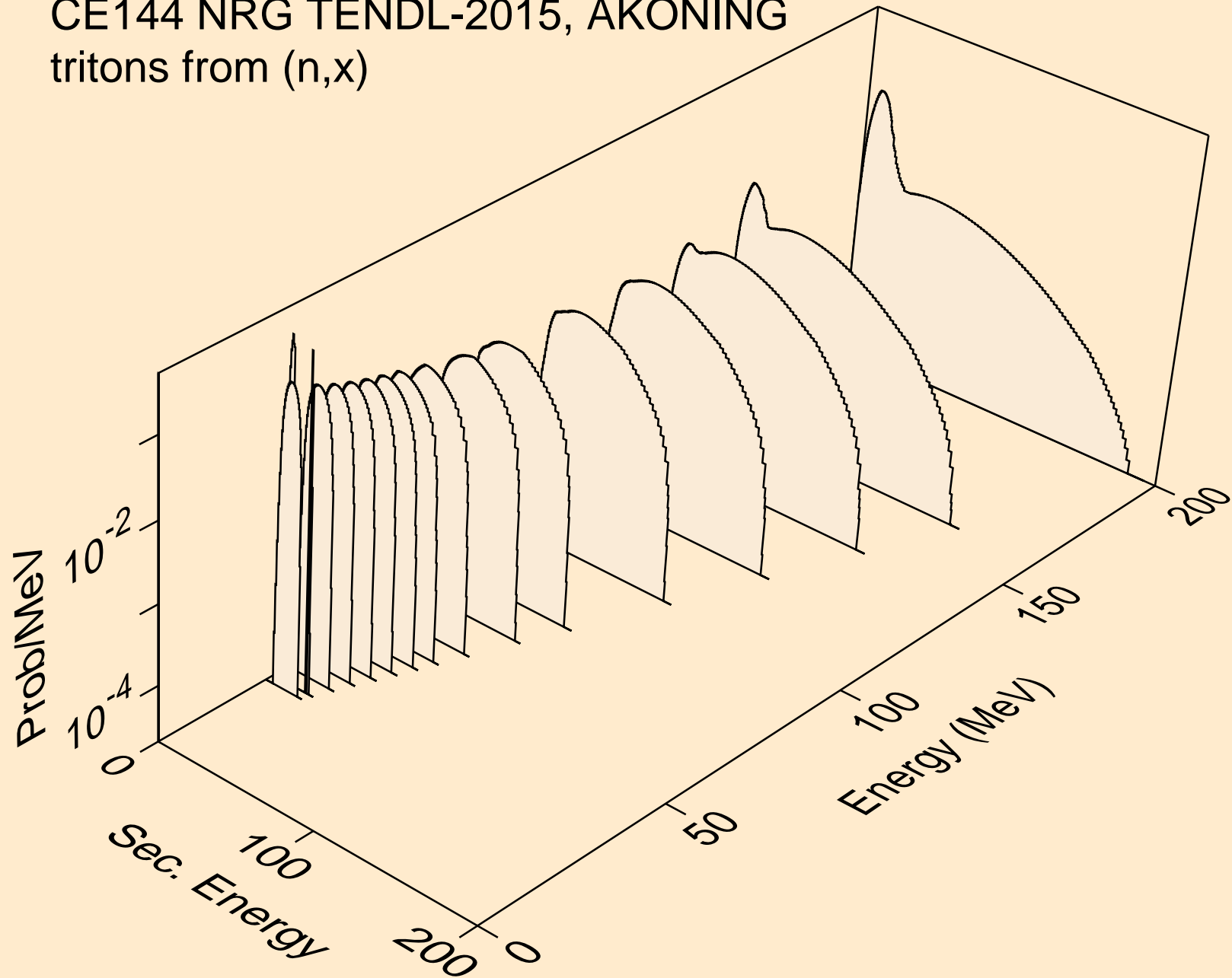
CE144 NRG TENDL-2015, AKONING  
deuterons from (n,d)



CE144 NRG TENDL-2015, AKONING  
deuterons from (n,da)

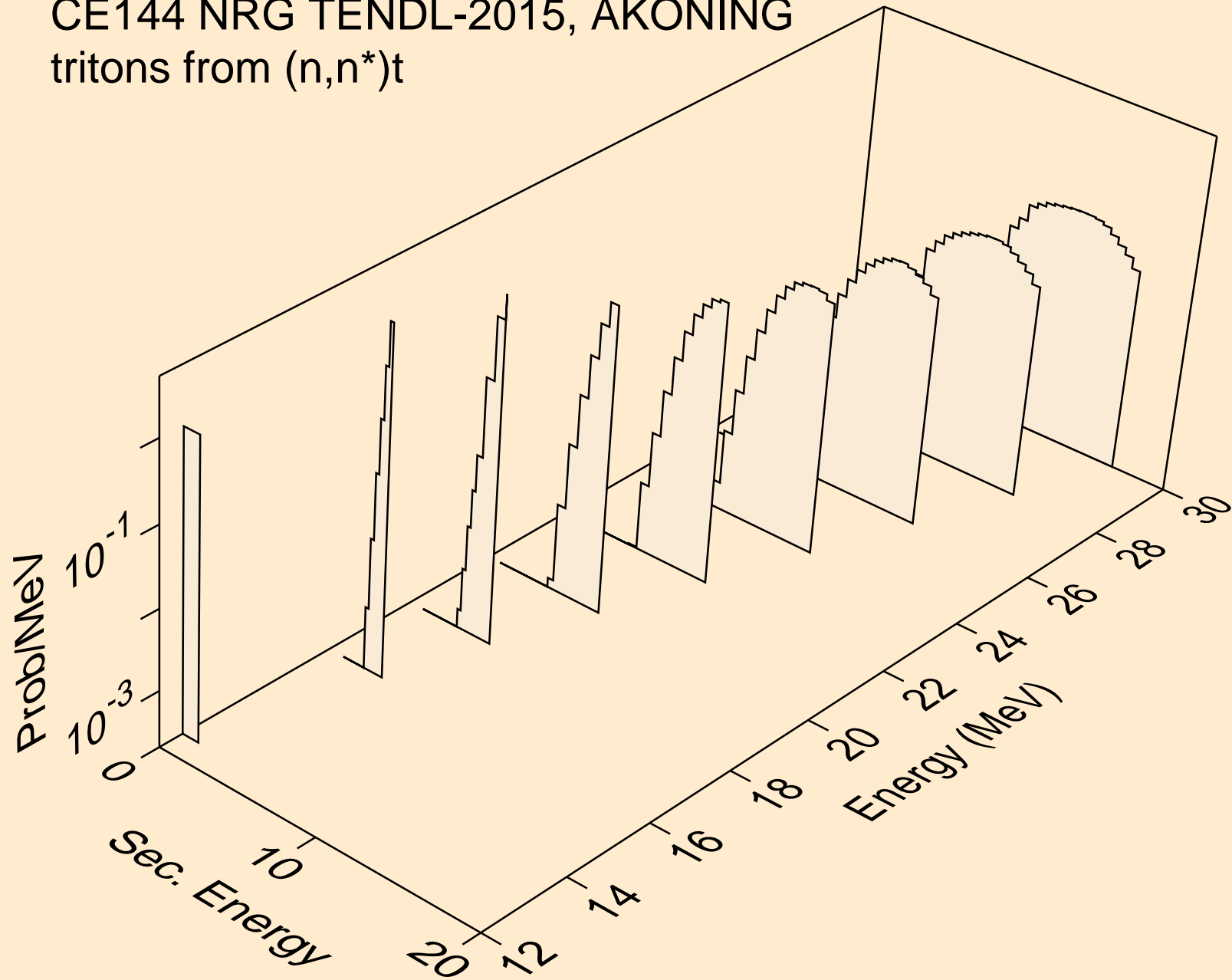


CE144 NRG TENDL-2015, AKONING  
tritons from (n,x)

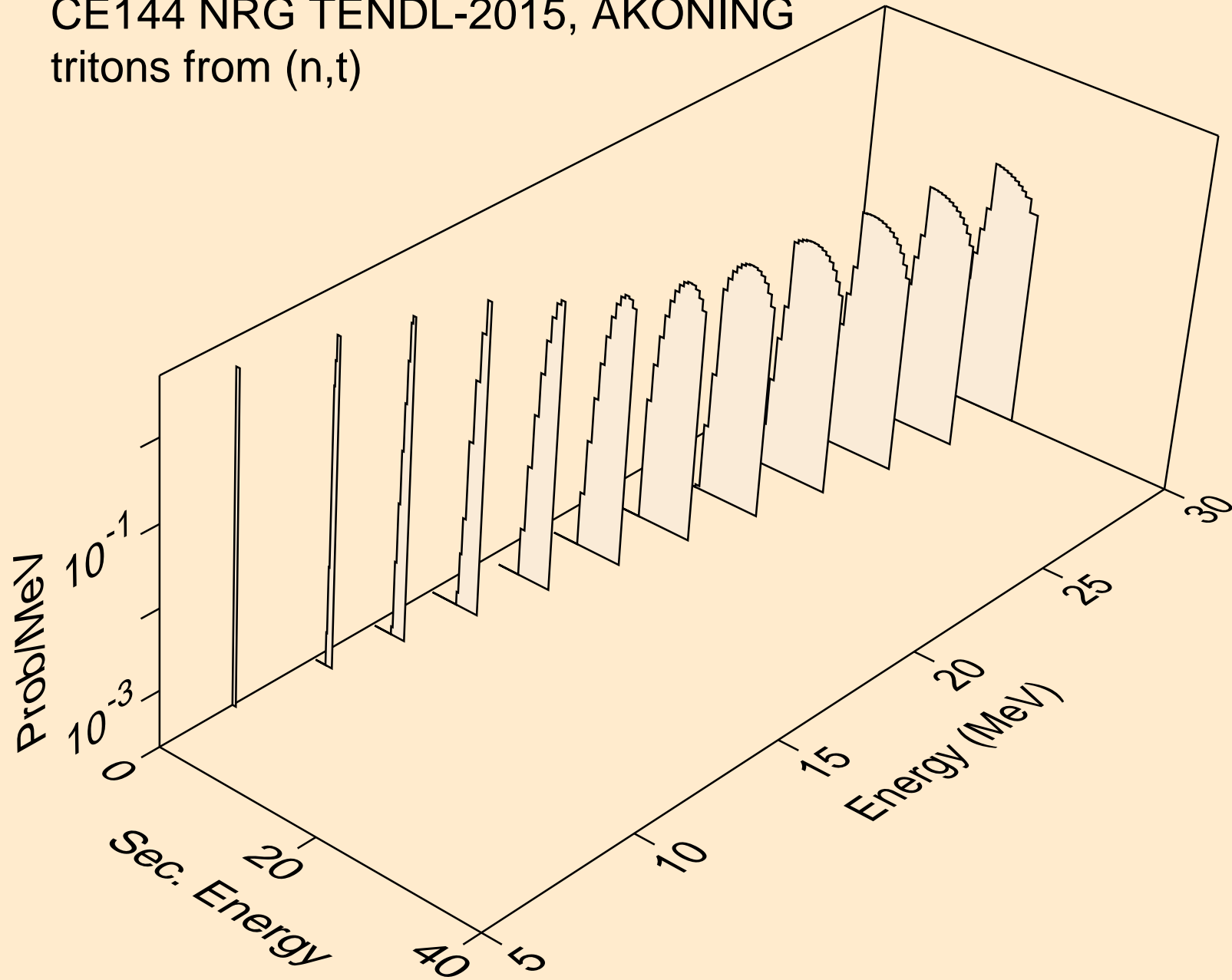




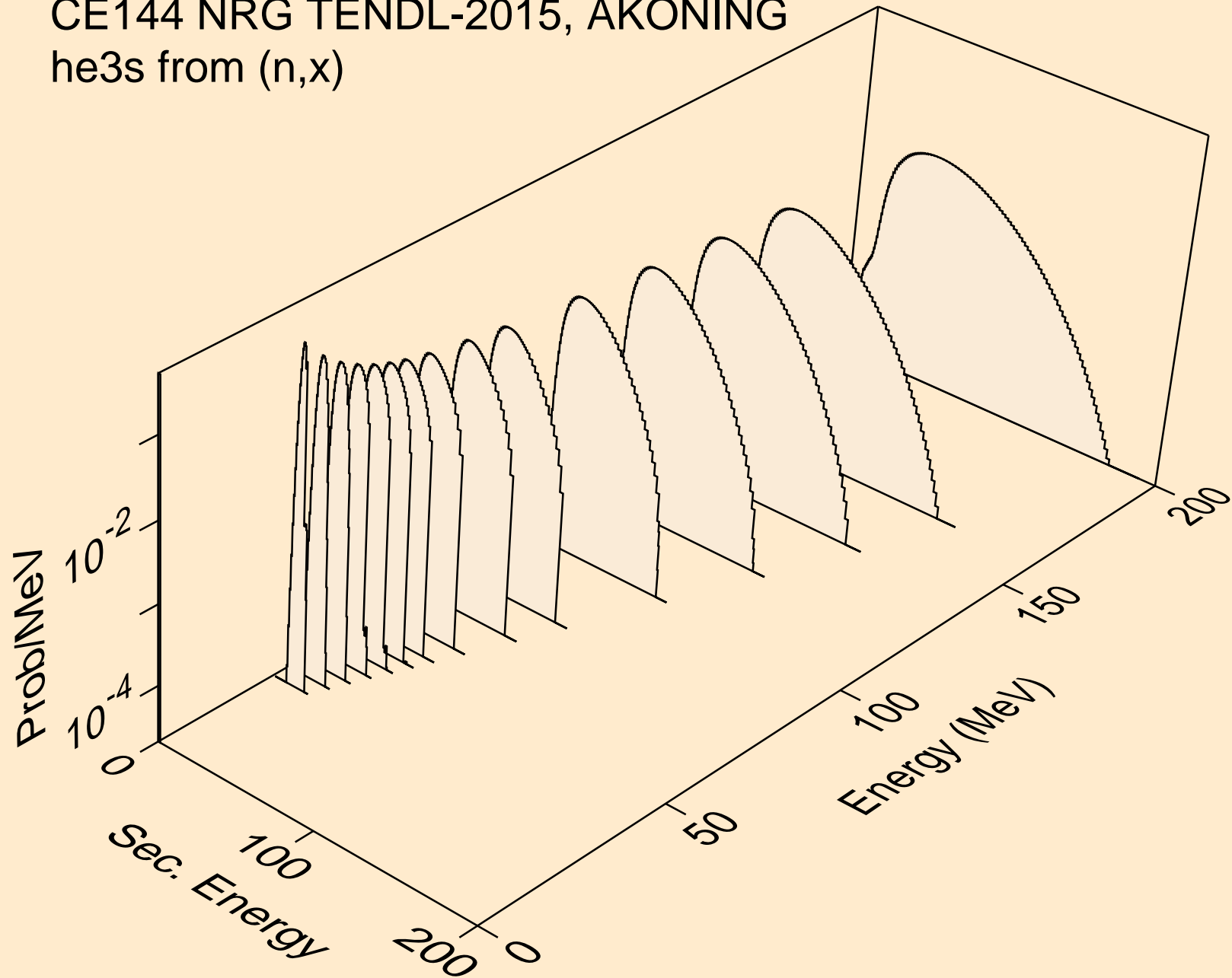
CE144 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



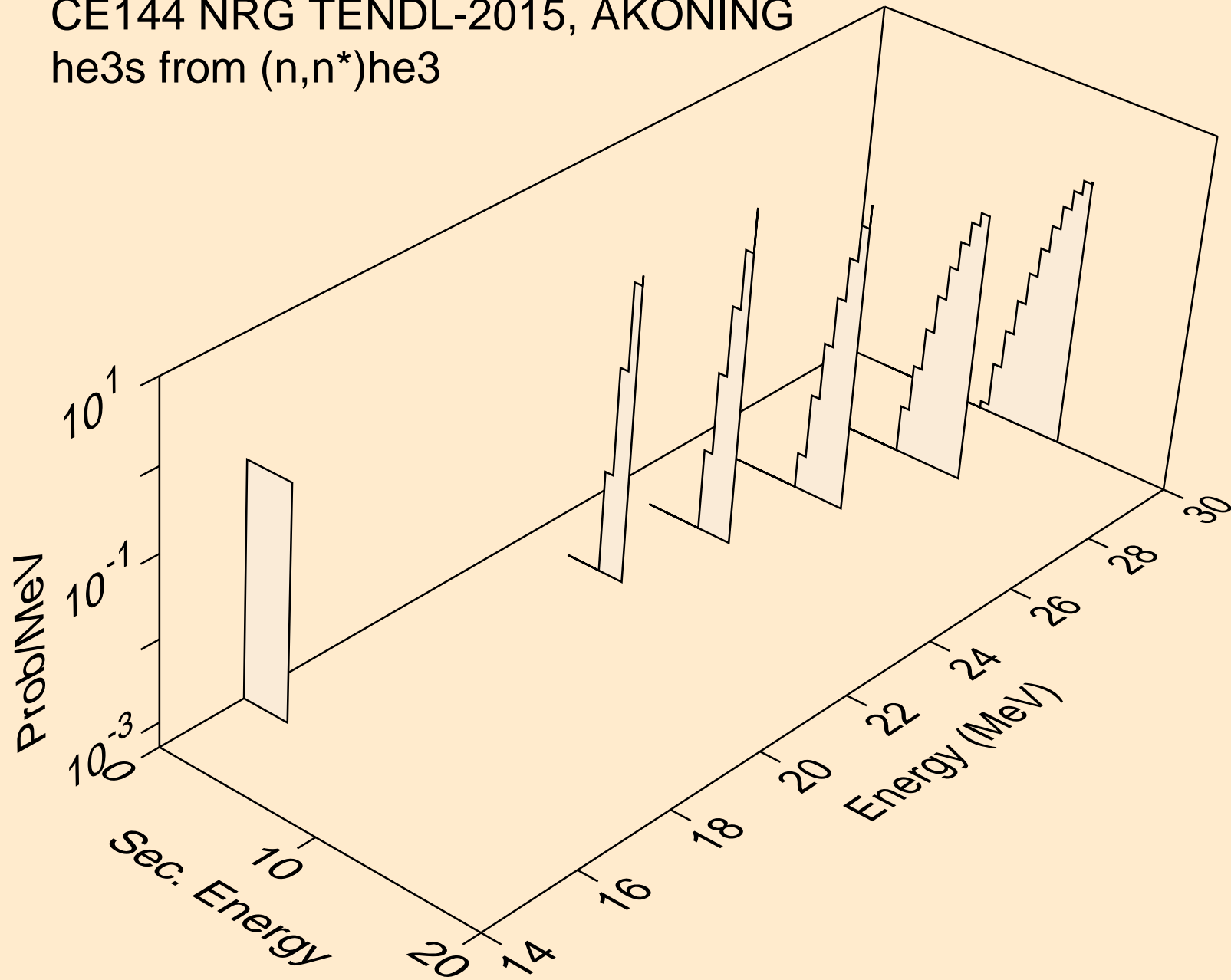
CE144 NRG TENDL-2015, AKONING  
tritons from (n,t)



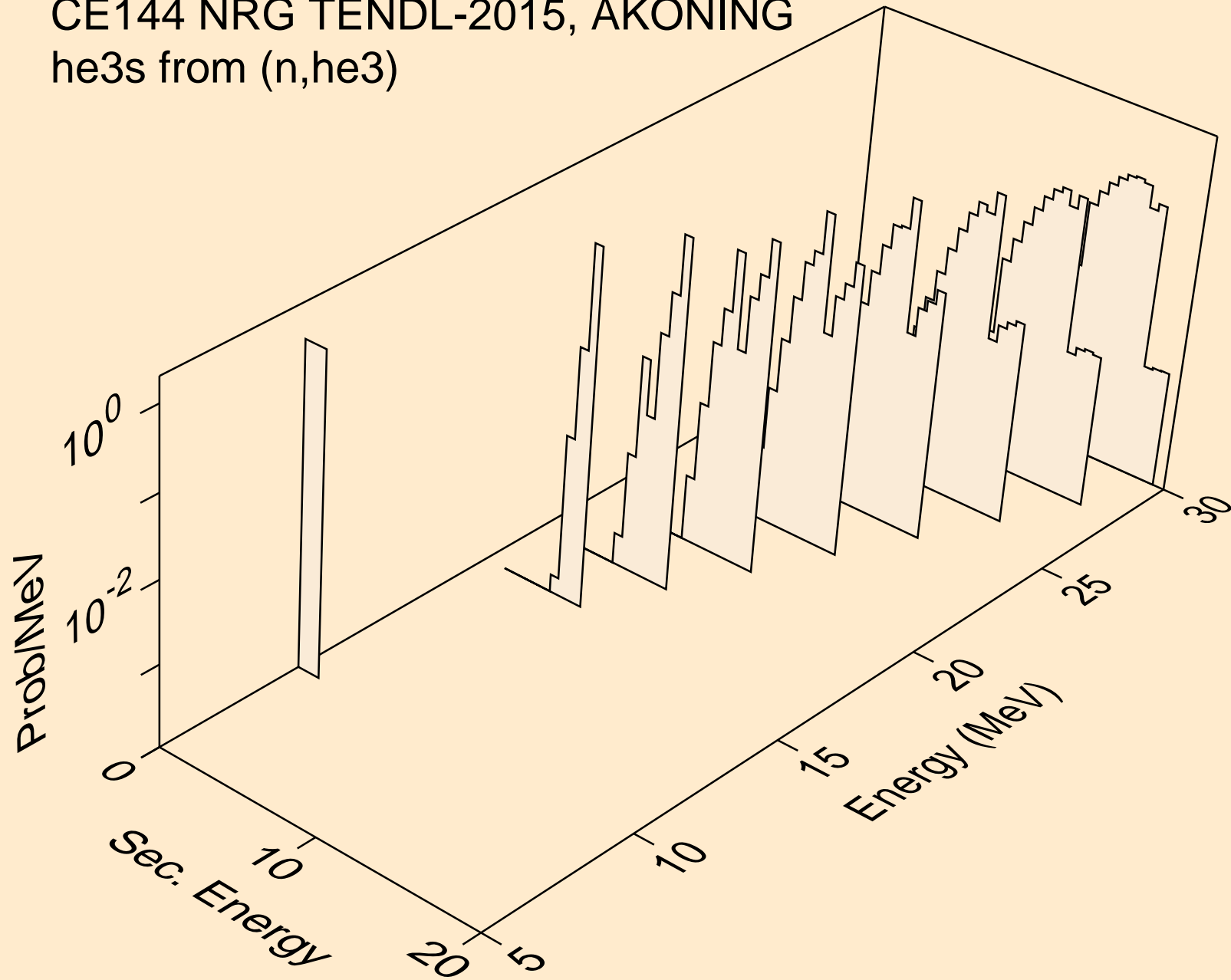
CE144 NRG TENDL-2015, AKONING  
he3s from (n,x)



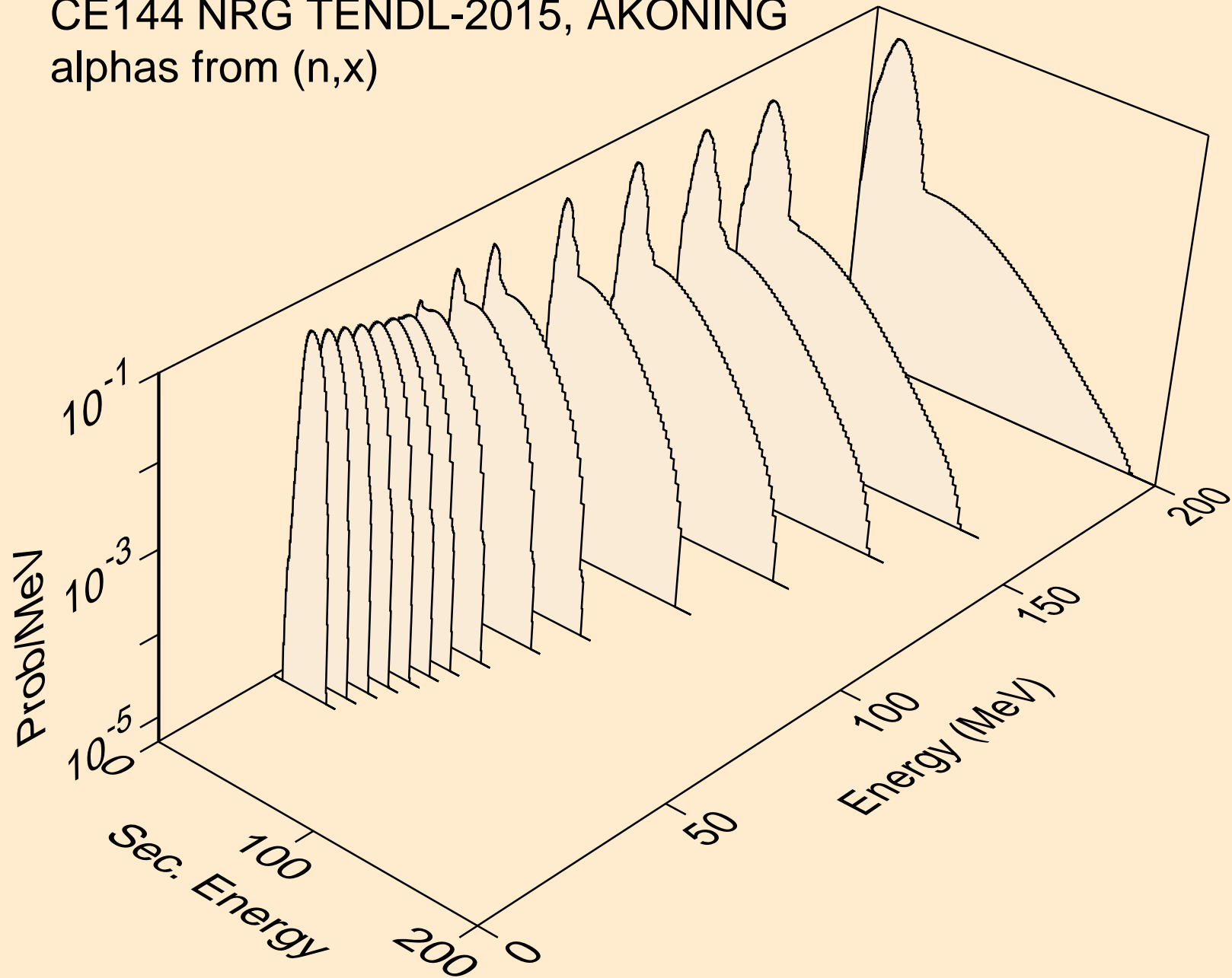
CE144 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



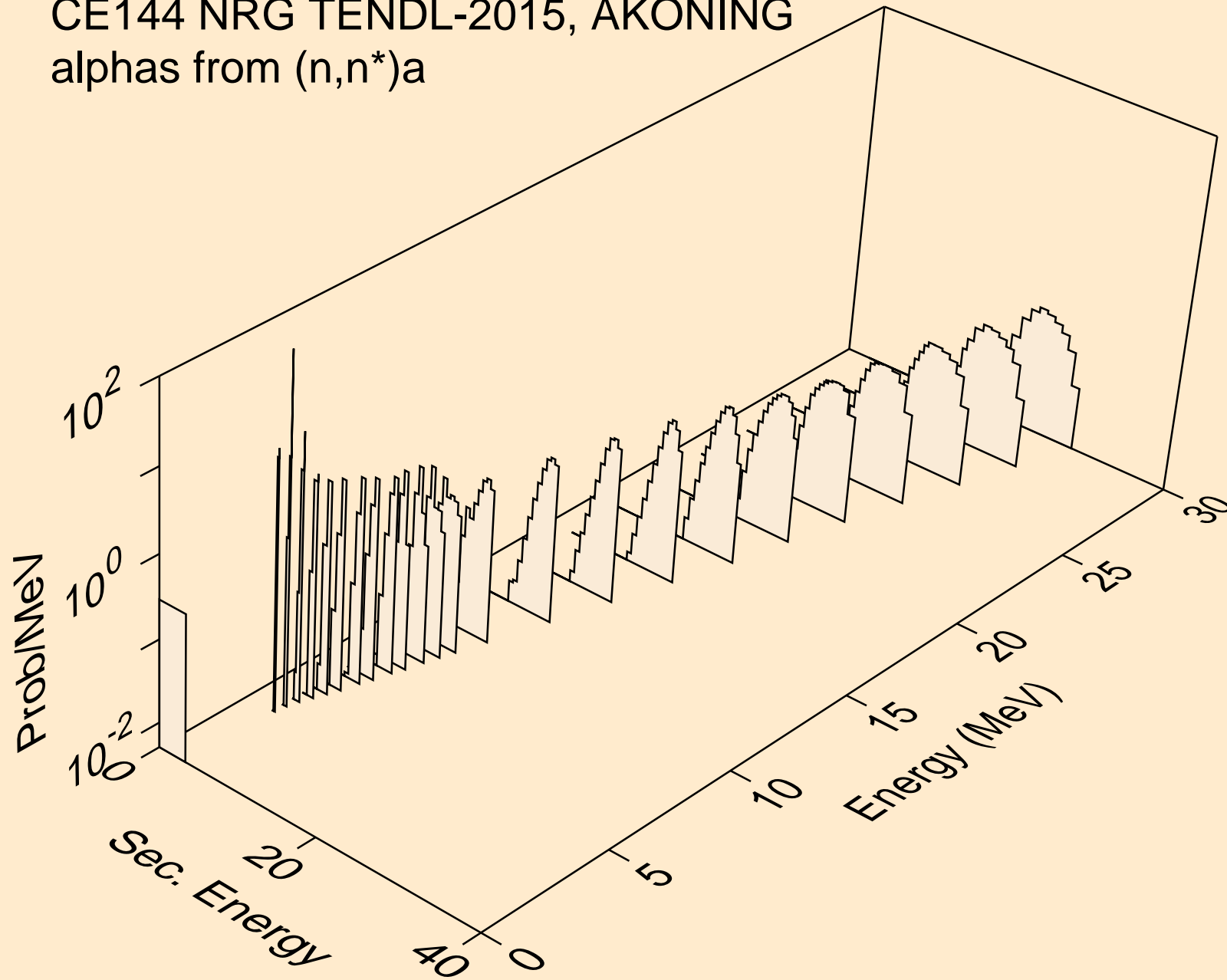
CE144 NRG TENDL-2015, AKONING  
he3s from (n,he3)



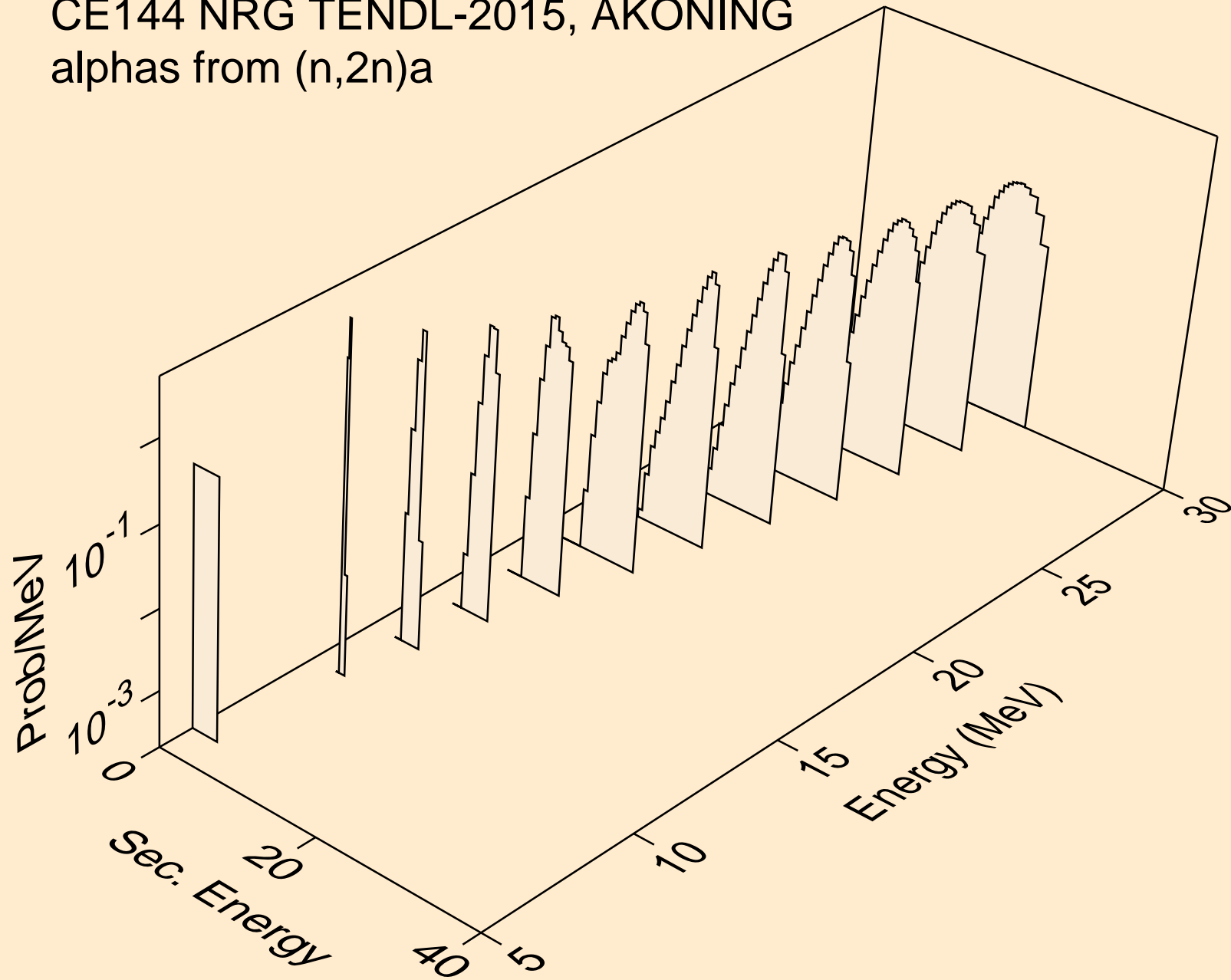
CE144 NRG TENDL-2015, AKONING  
alphas from (n,x)



CE144 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

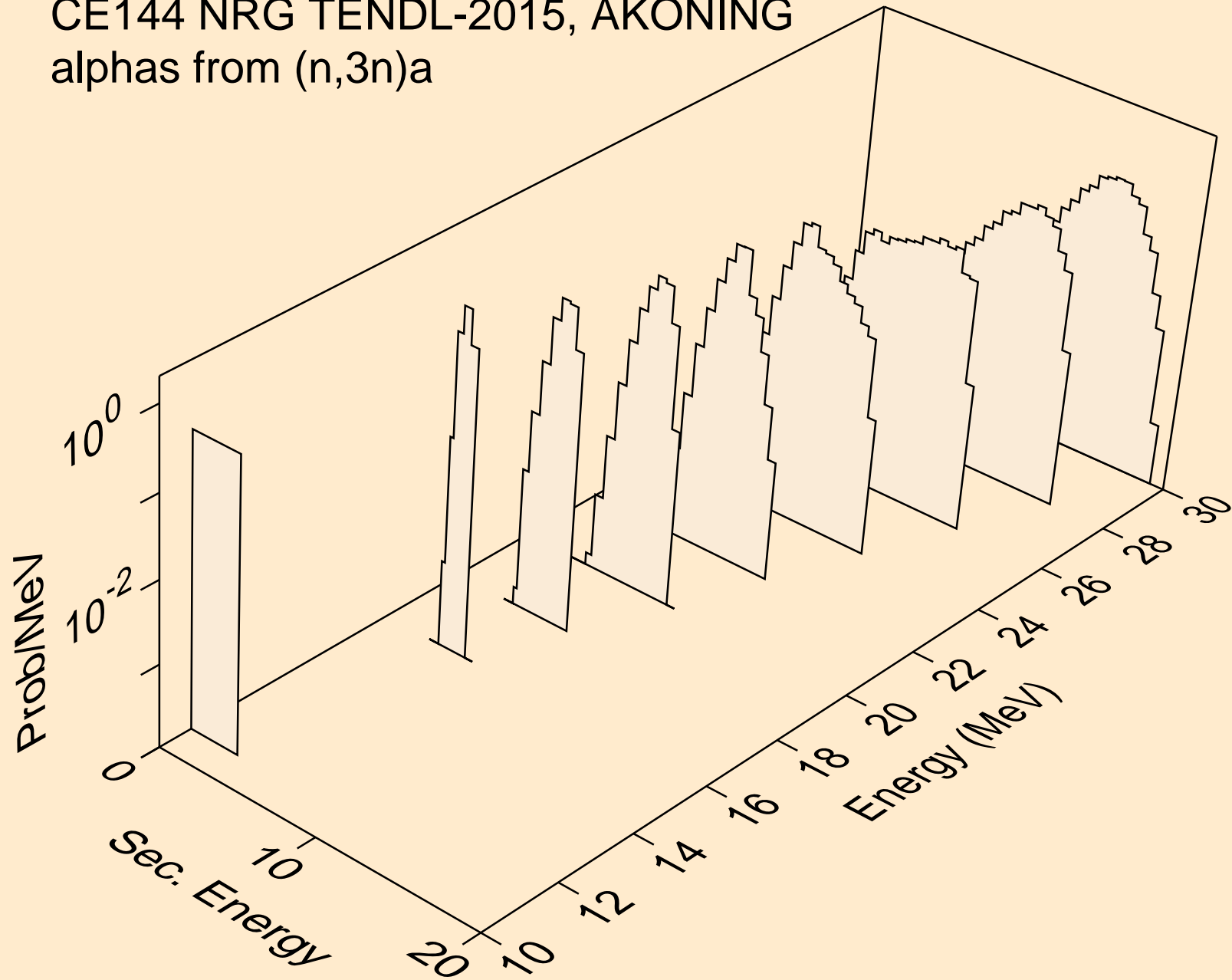


CE144 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

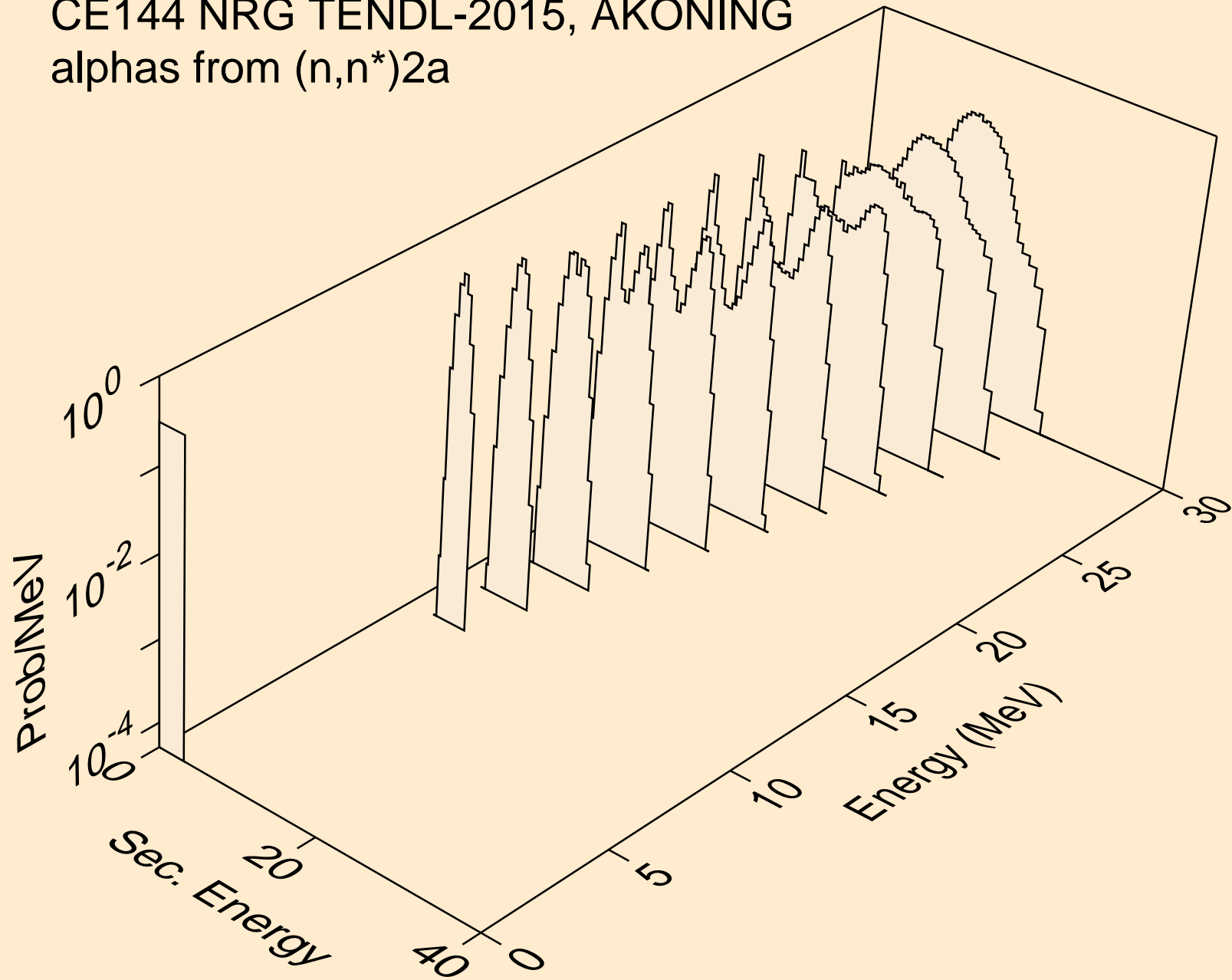




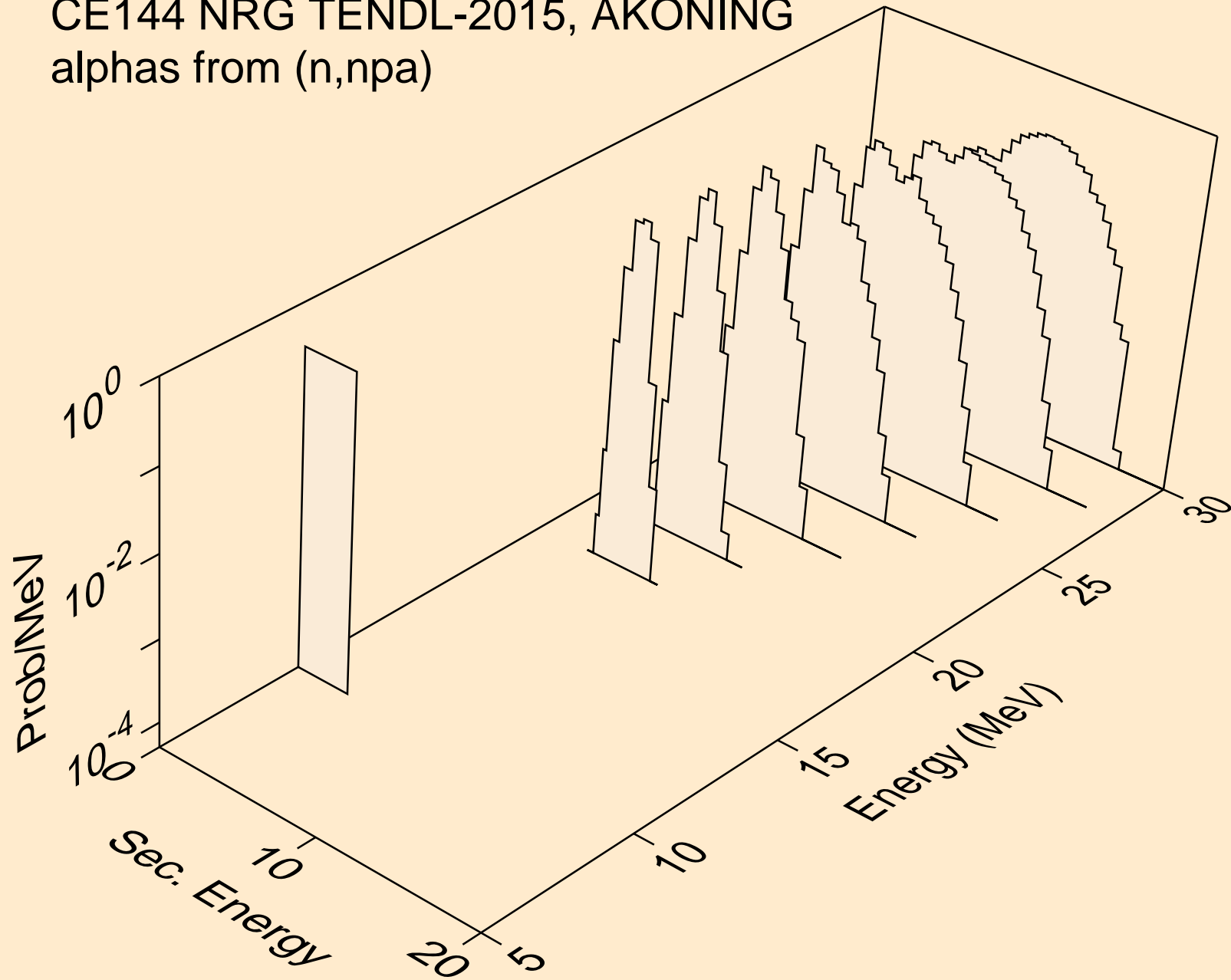
CE144 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



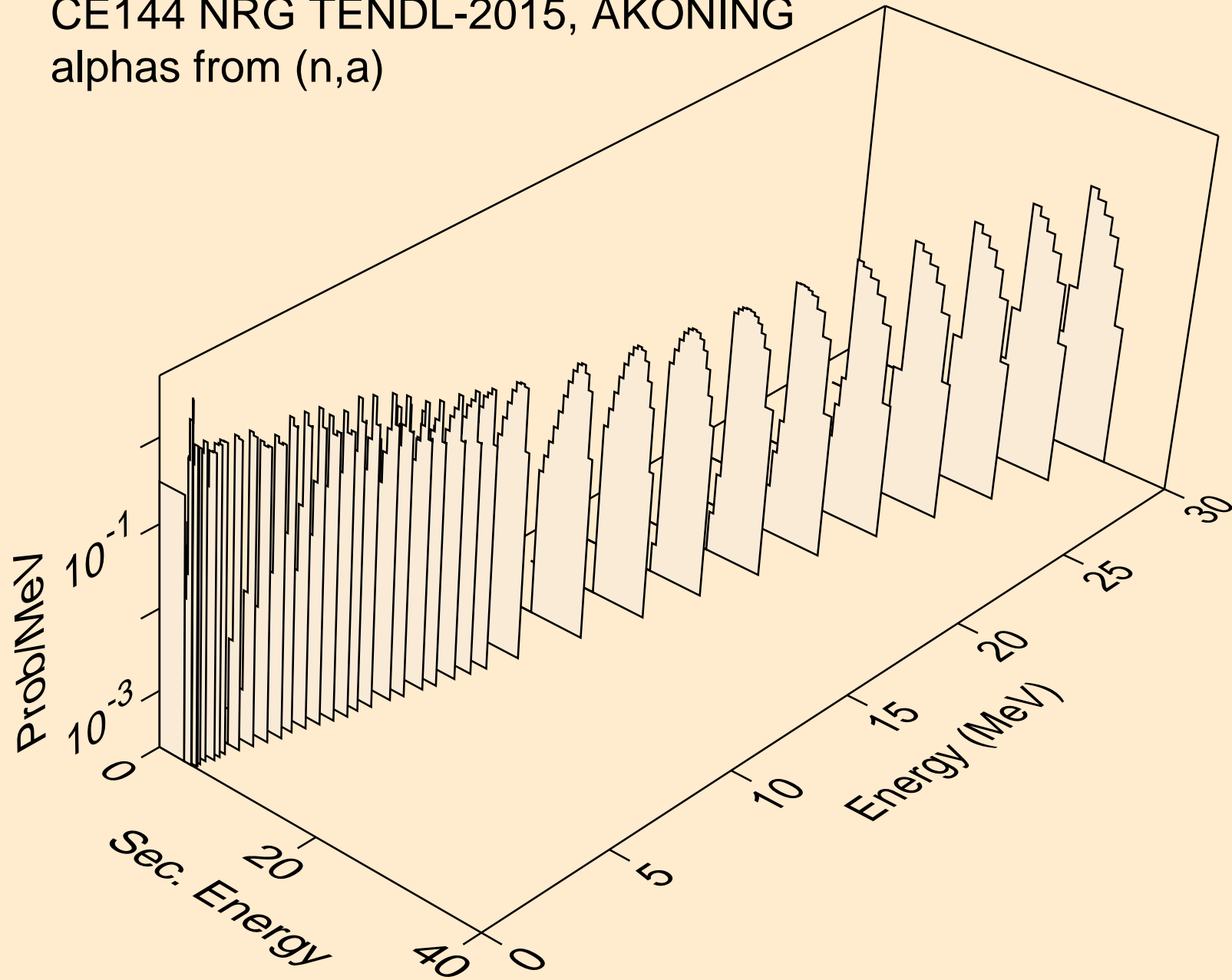
CE144 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



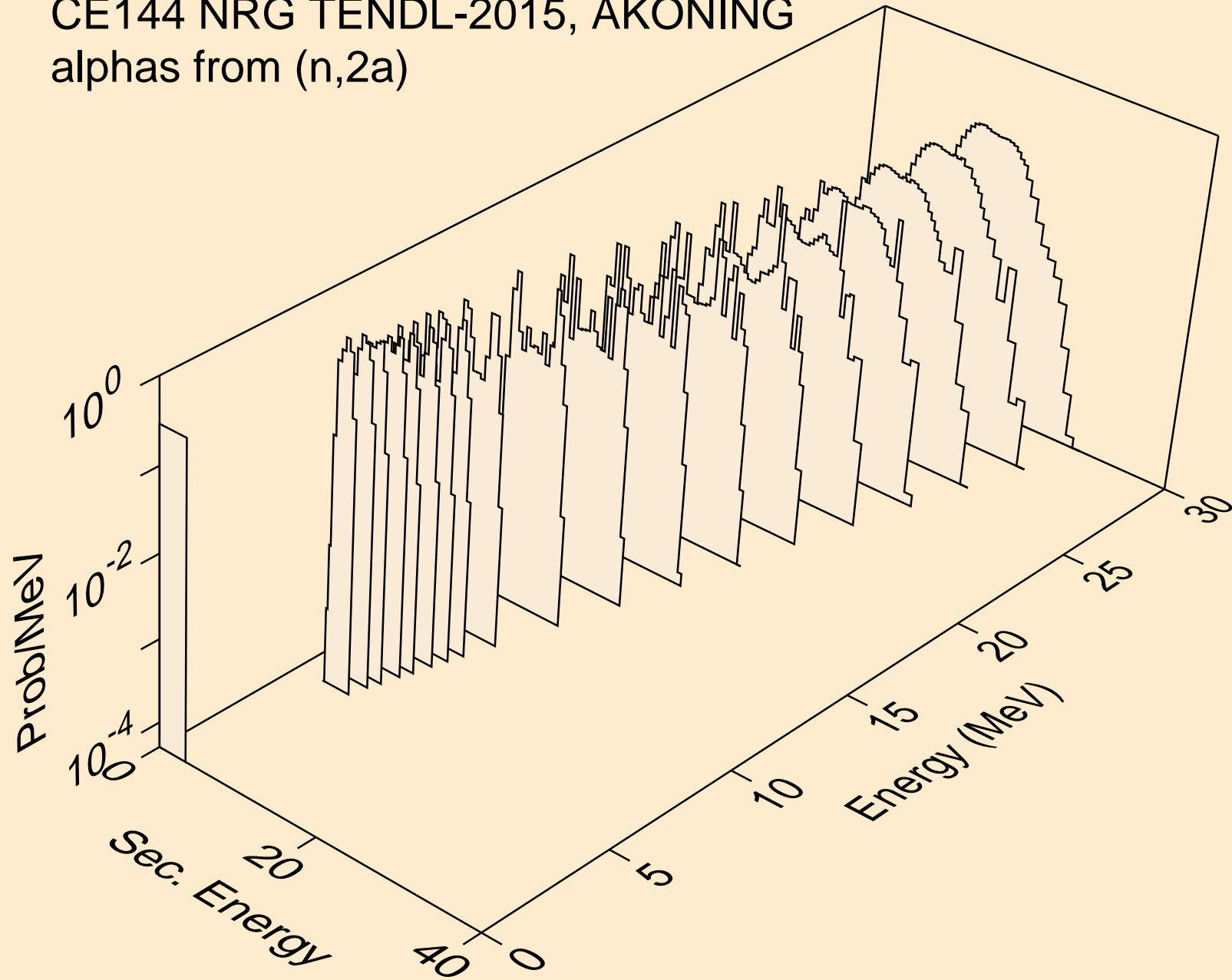
CE144 NRG TENDL-2015, AKONING  
alphas from (n,npa)



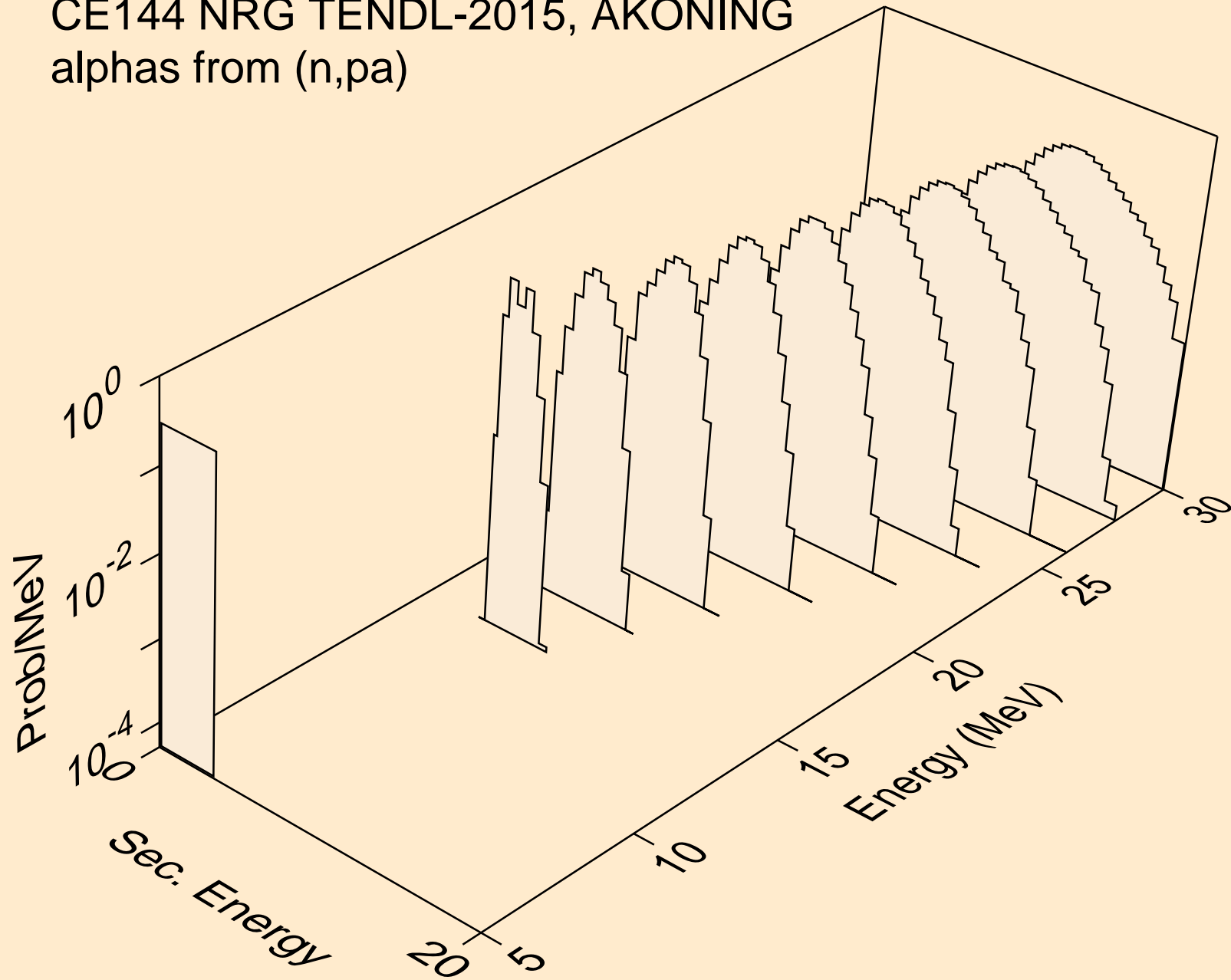
CE144 NRG TENDL-2015, AKONING  
alphas from (n,a)



CE144 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CE144 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CE144 NRG TENDL-2015, AKONING  
alphas from (n,da)

