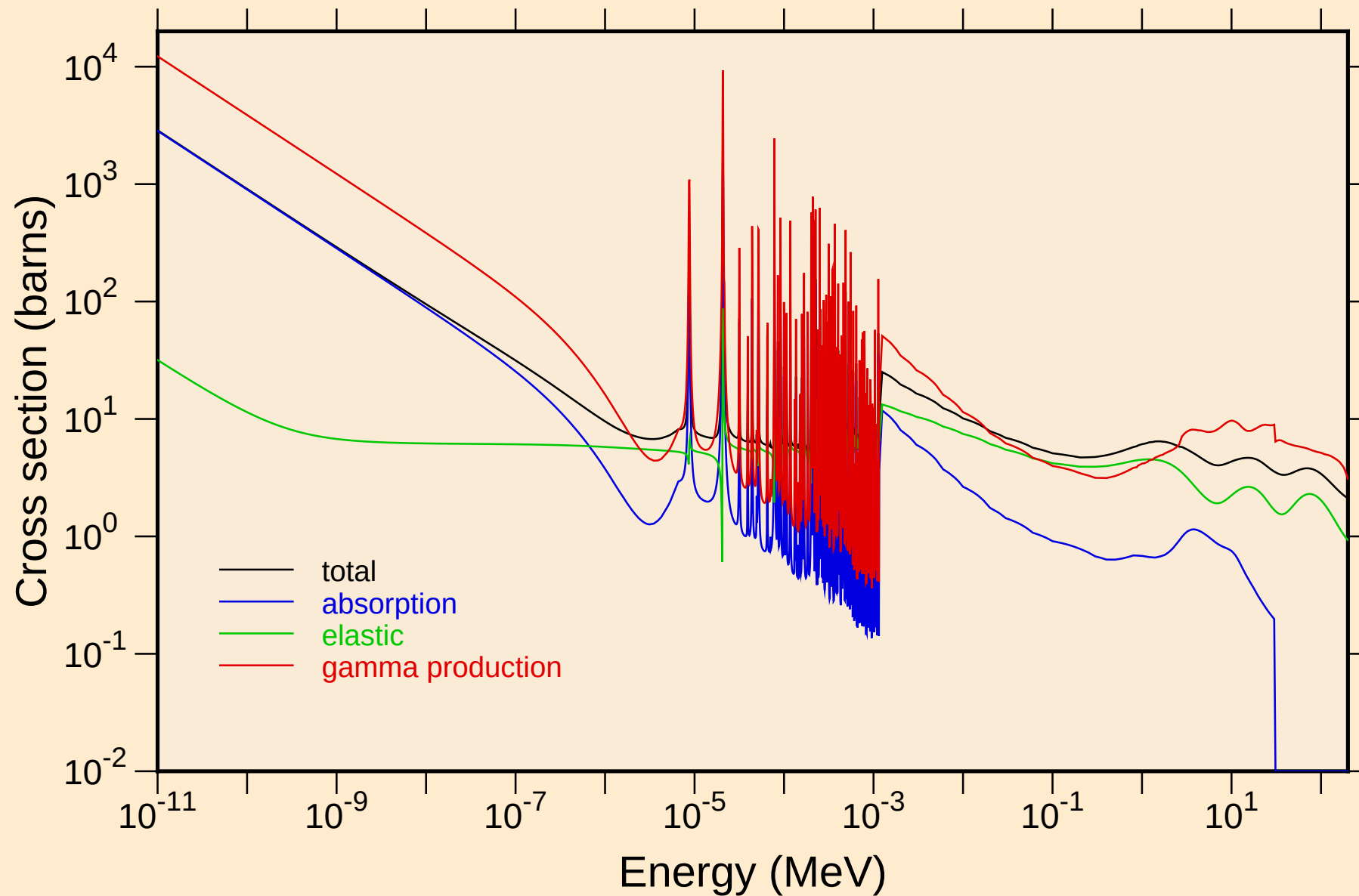
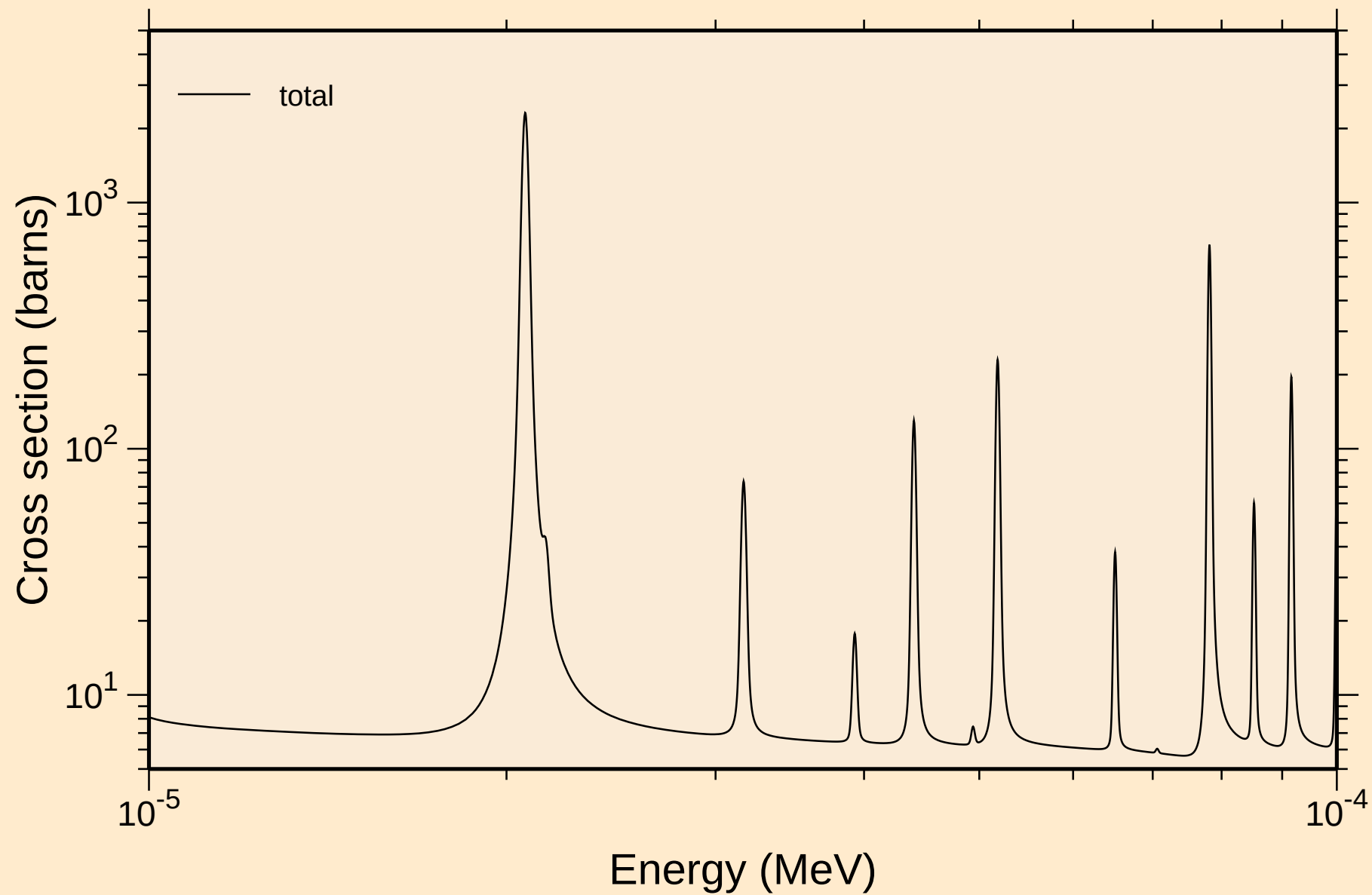


# CE128 NRG TENDL-2015, AKONING

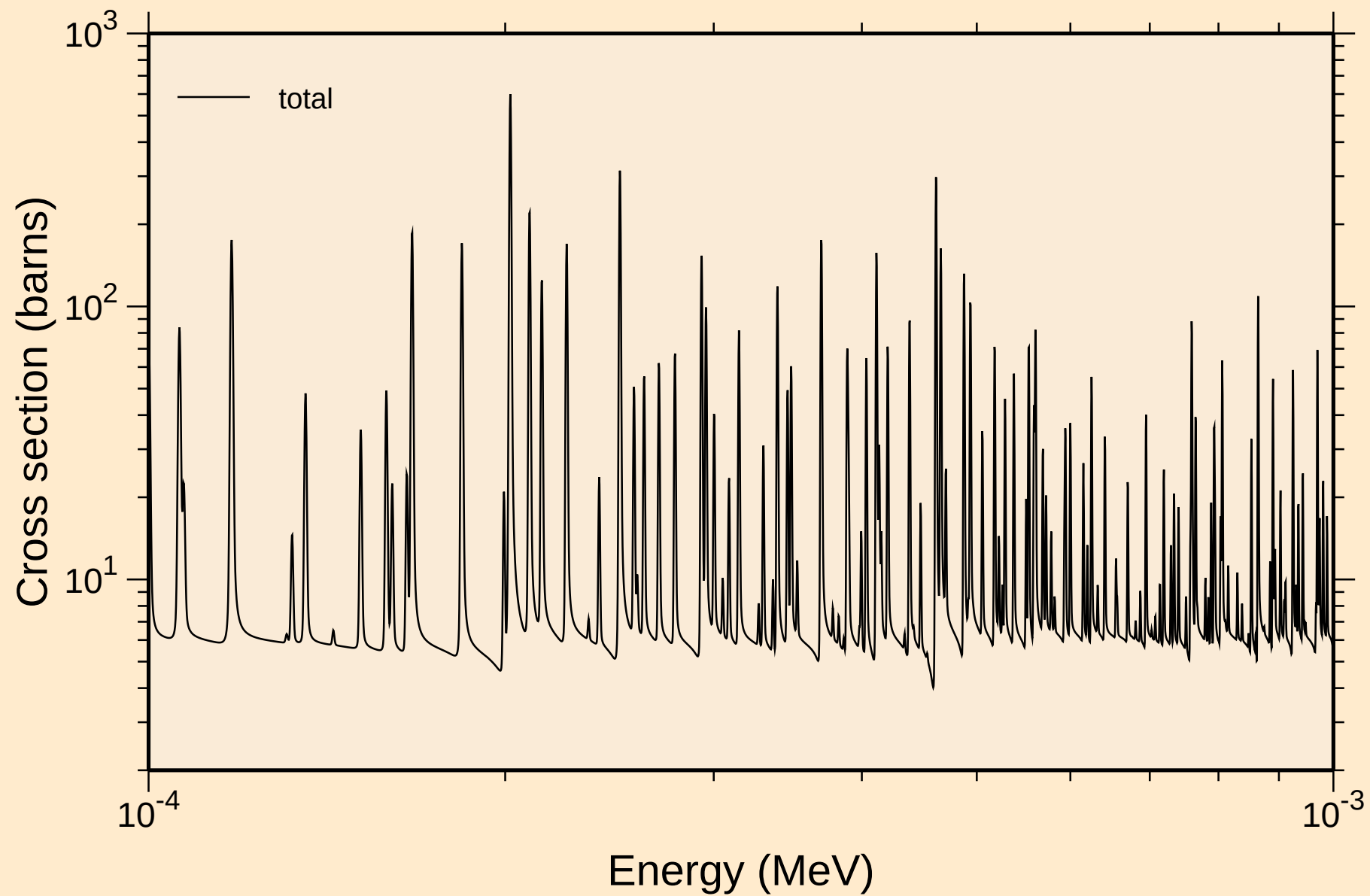
## Principal cross sections



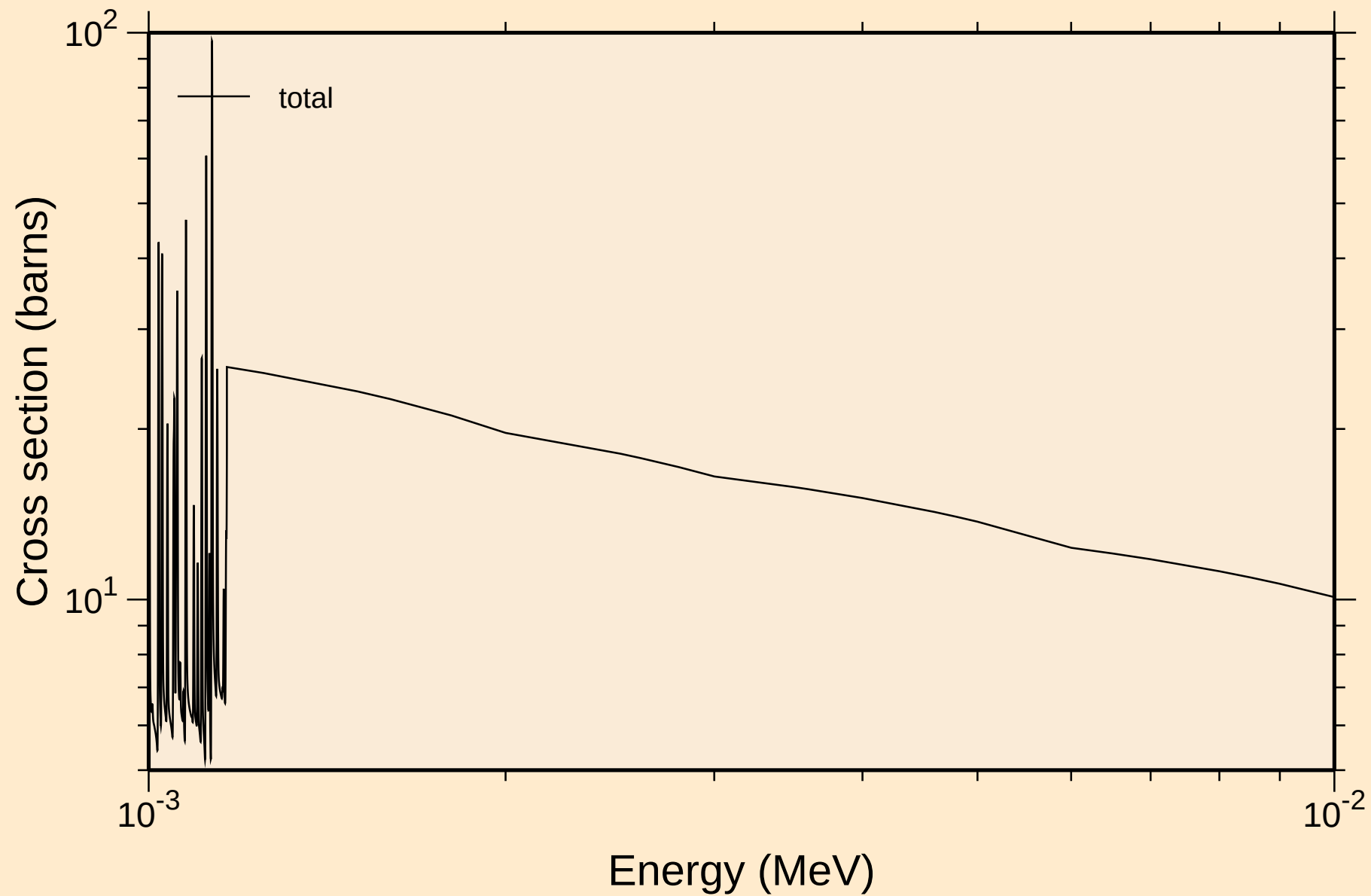
CE128 NRG TENDL-2015, AKONING  
resonance total cross section



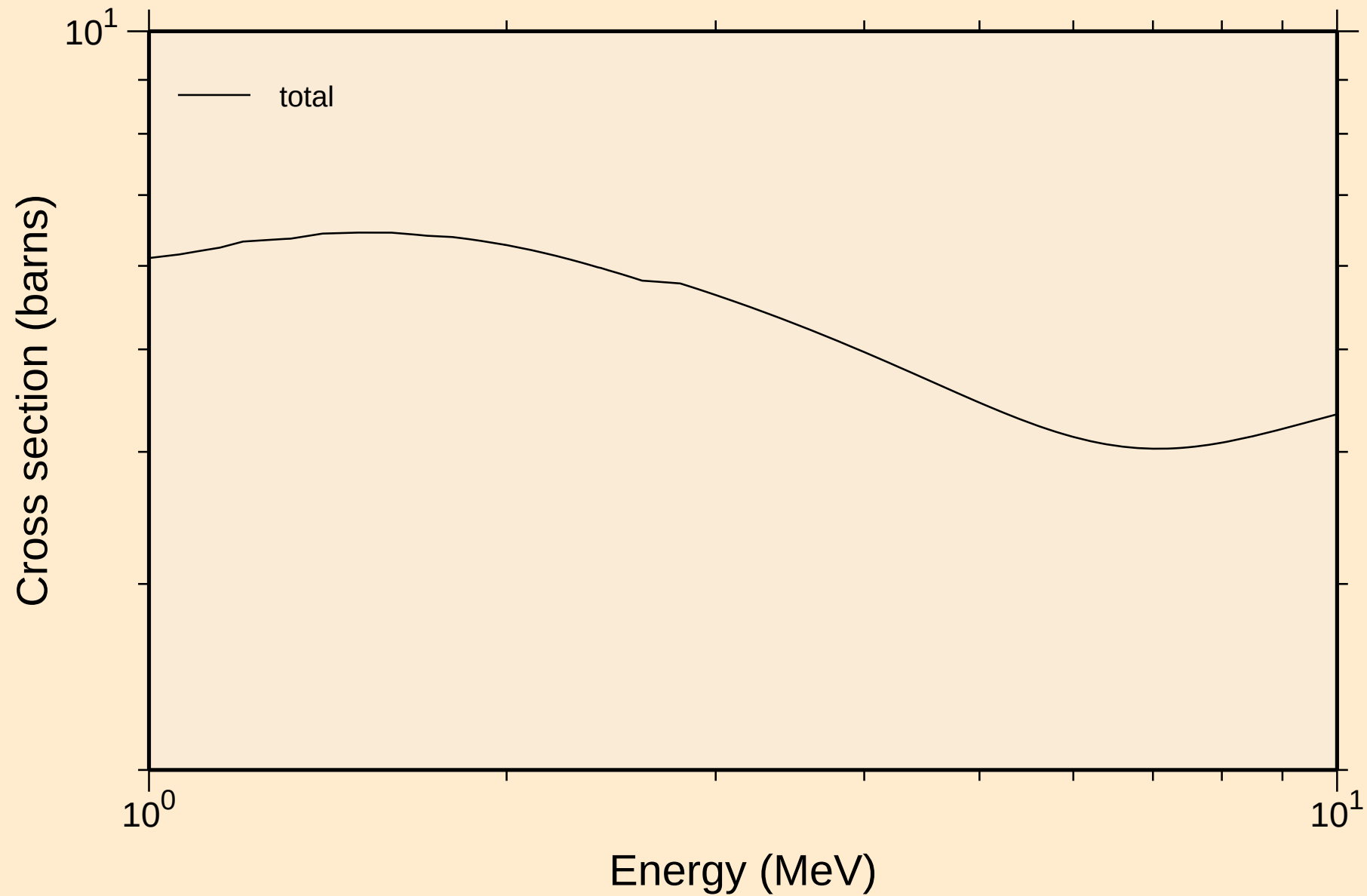
CE128 NRG TENDL-2015, AKONING  
resonance total cross section



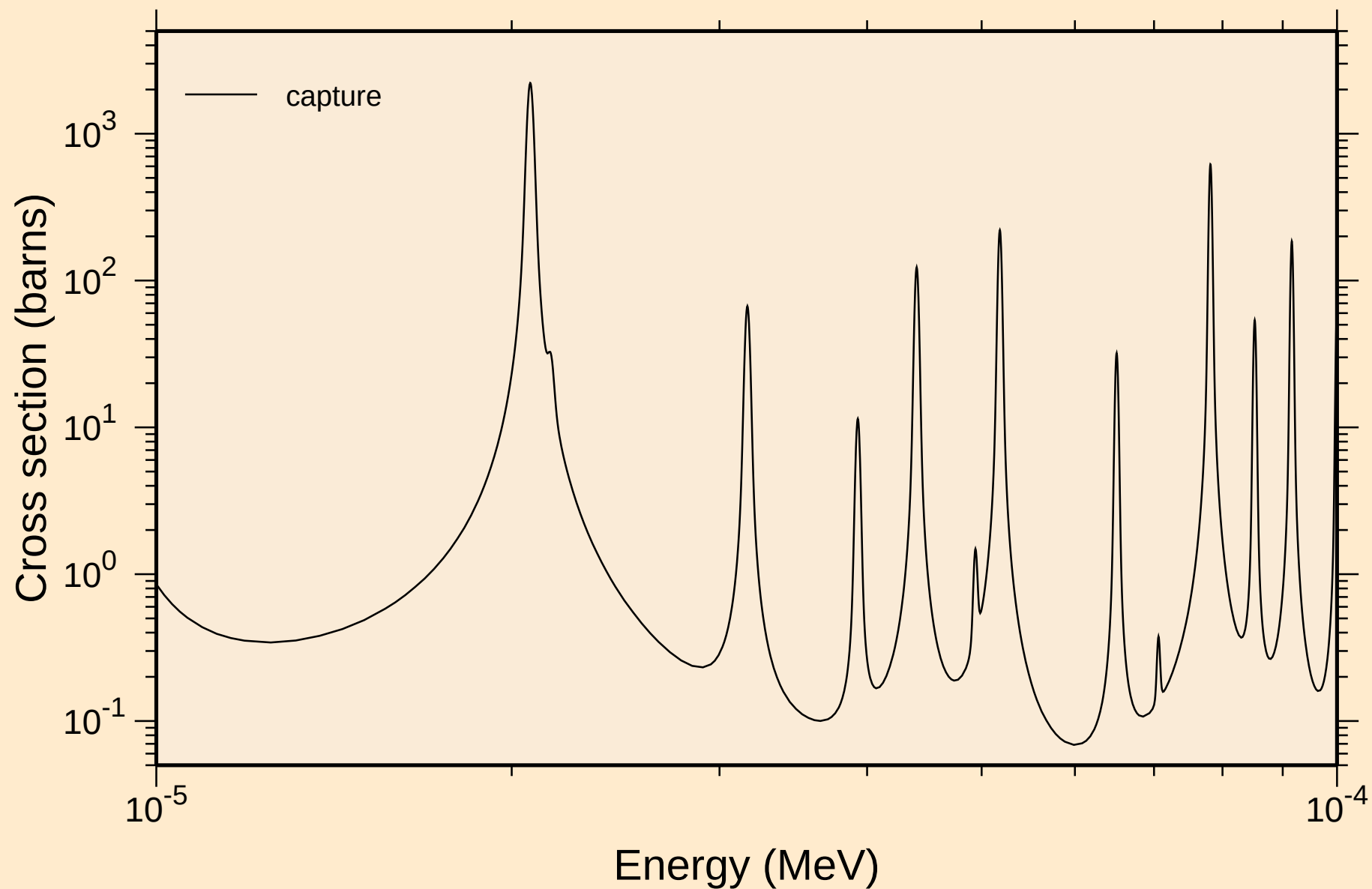
CE128 NRG TENDL-2015, AKONING  
resonance total cross section



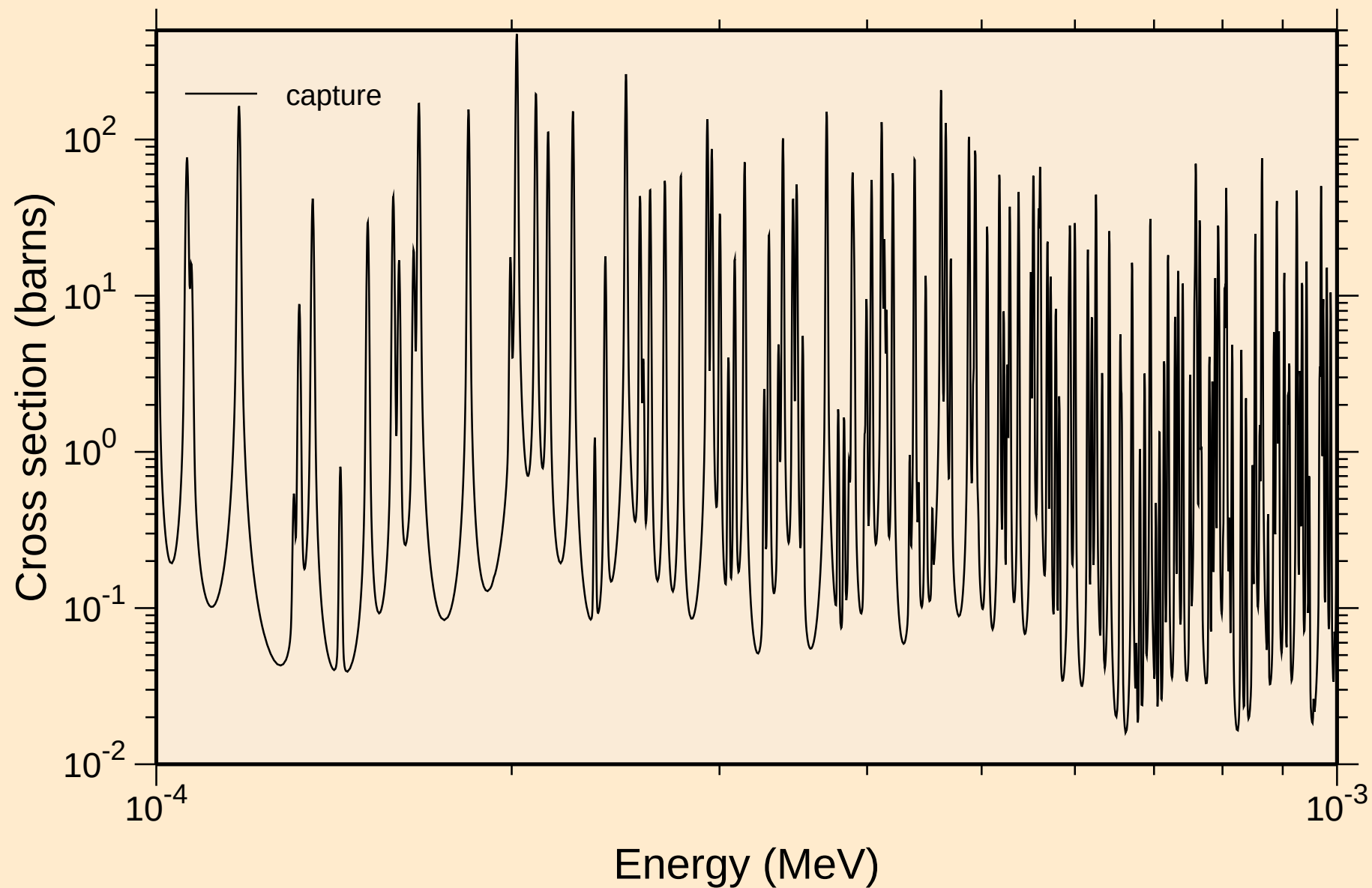
CE128 NRG TENDL-2015, AKONING  
resonance total cross section



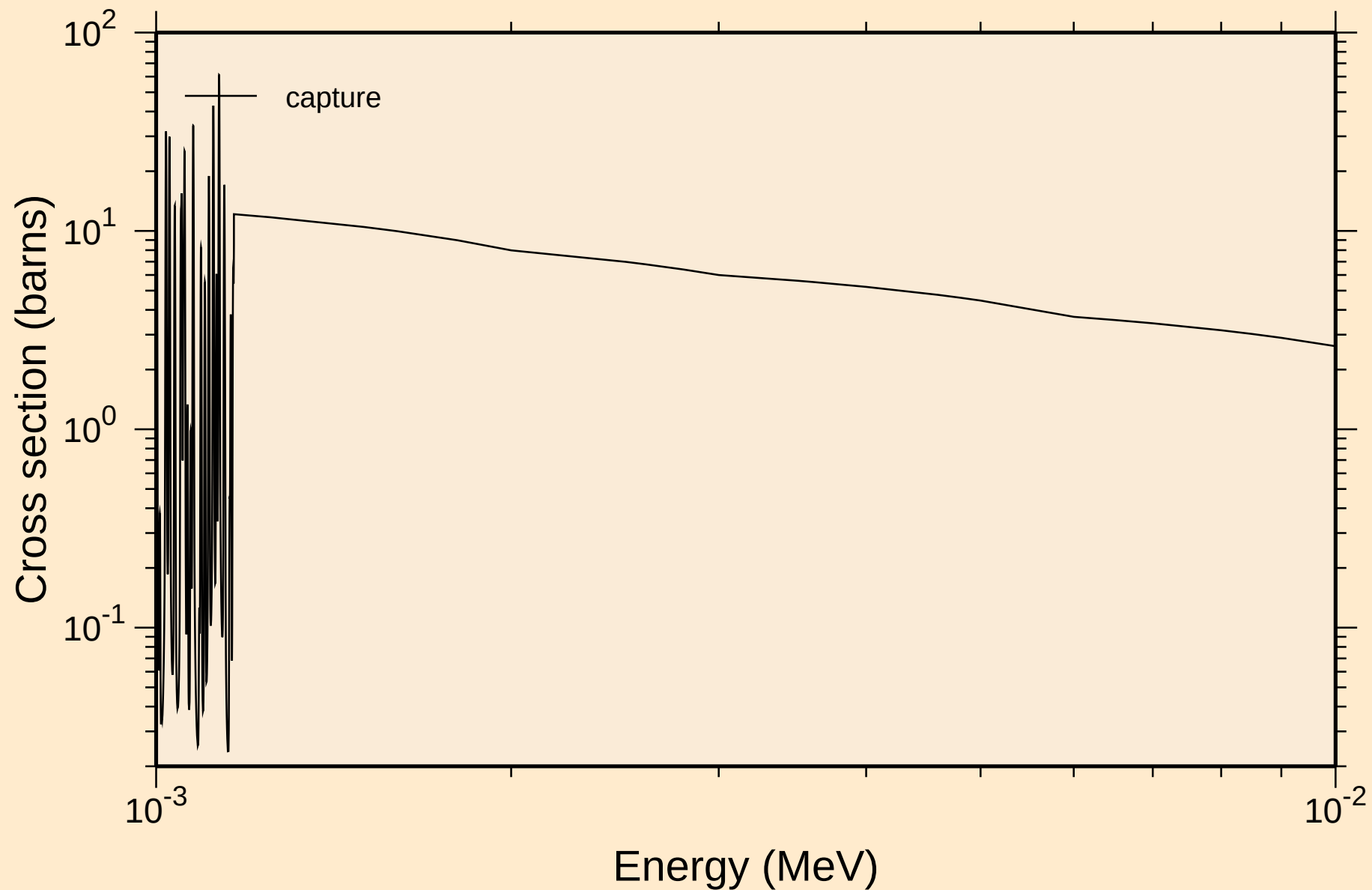
CE128 NRG TENDL-2015, AKONING  
resonance absorption cross sections



CE128 NRG TENDL-2015, AKONING  
resonance absorption cross sections

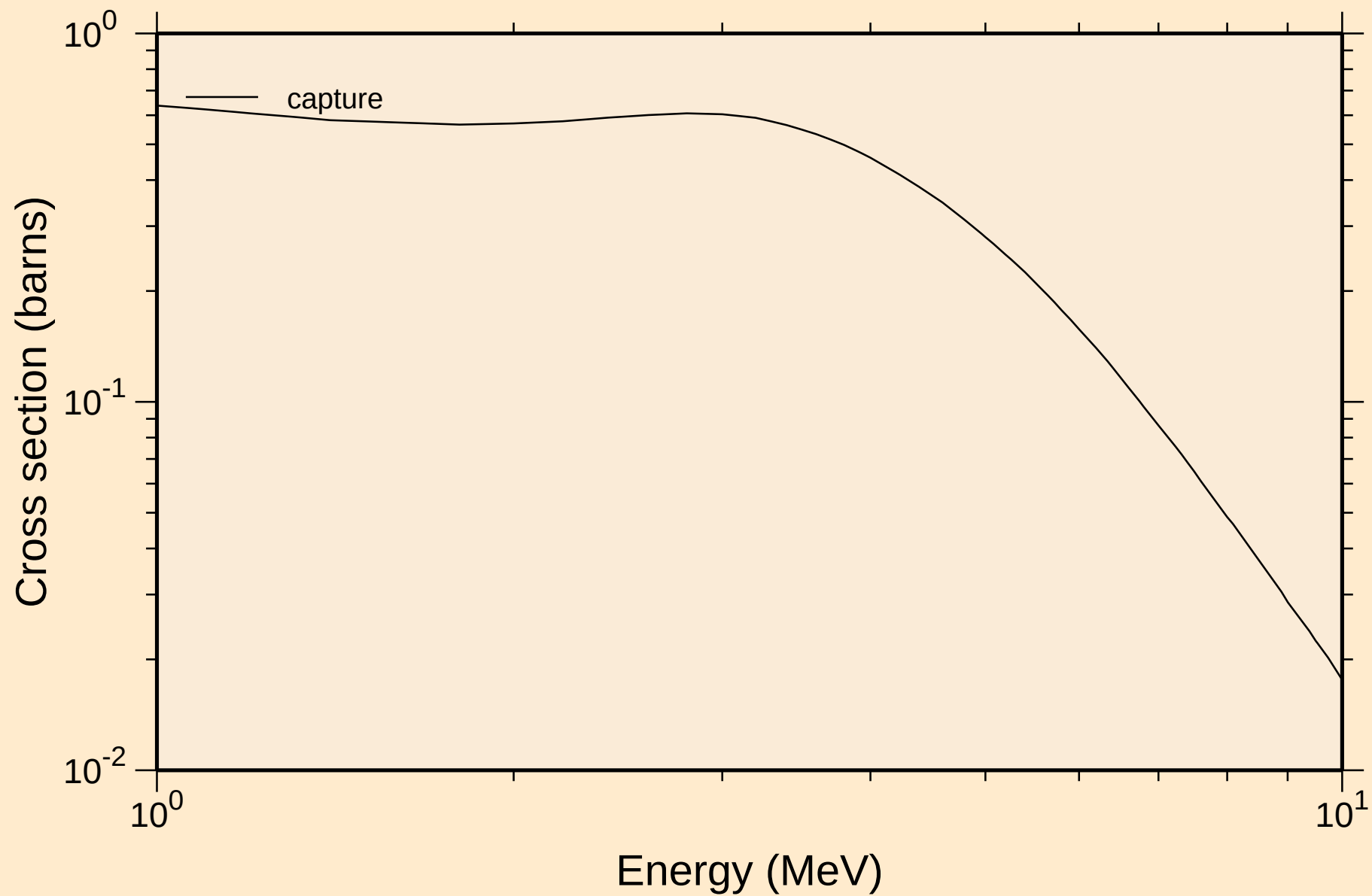


CE128 NRG TENDL-2015, AKONING  
resonance absorption cross sections



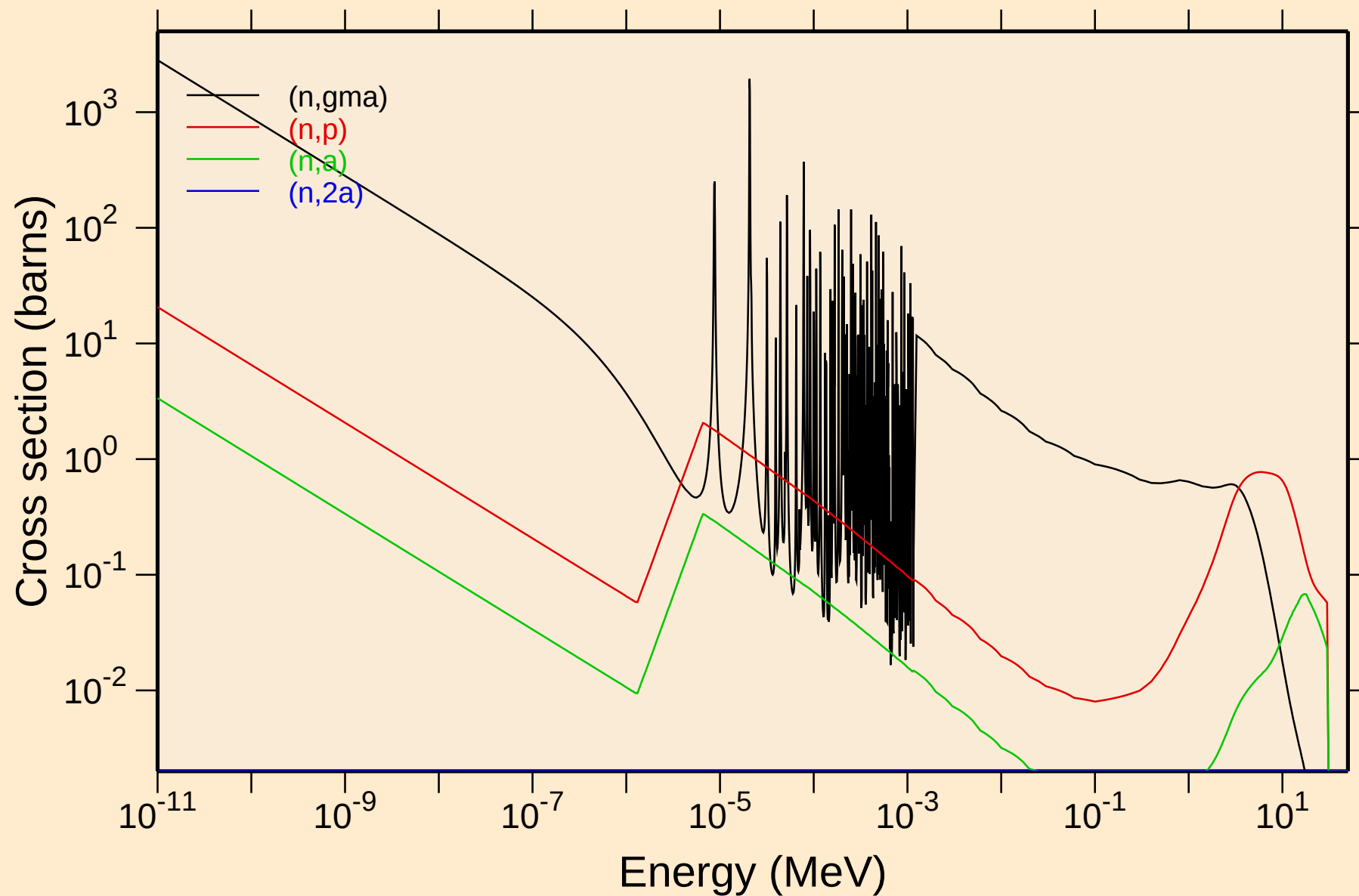


CE128 NRG TENDL-2015, AKONING  
resonance absorption cross sections



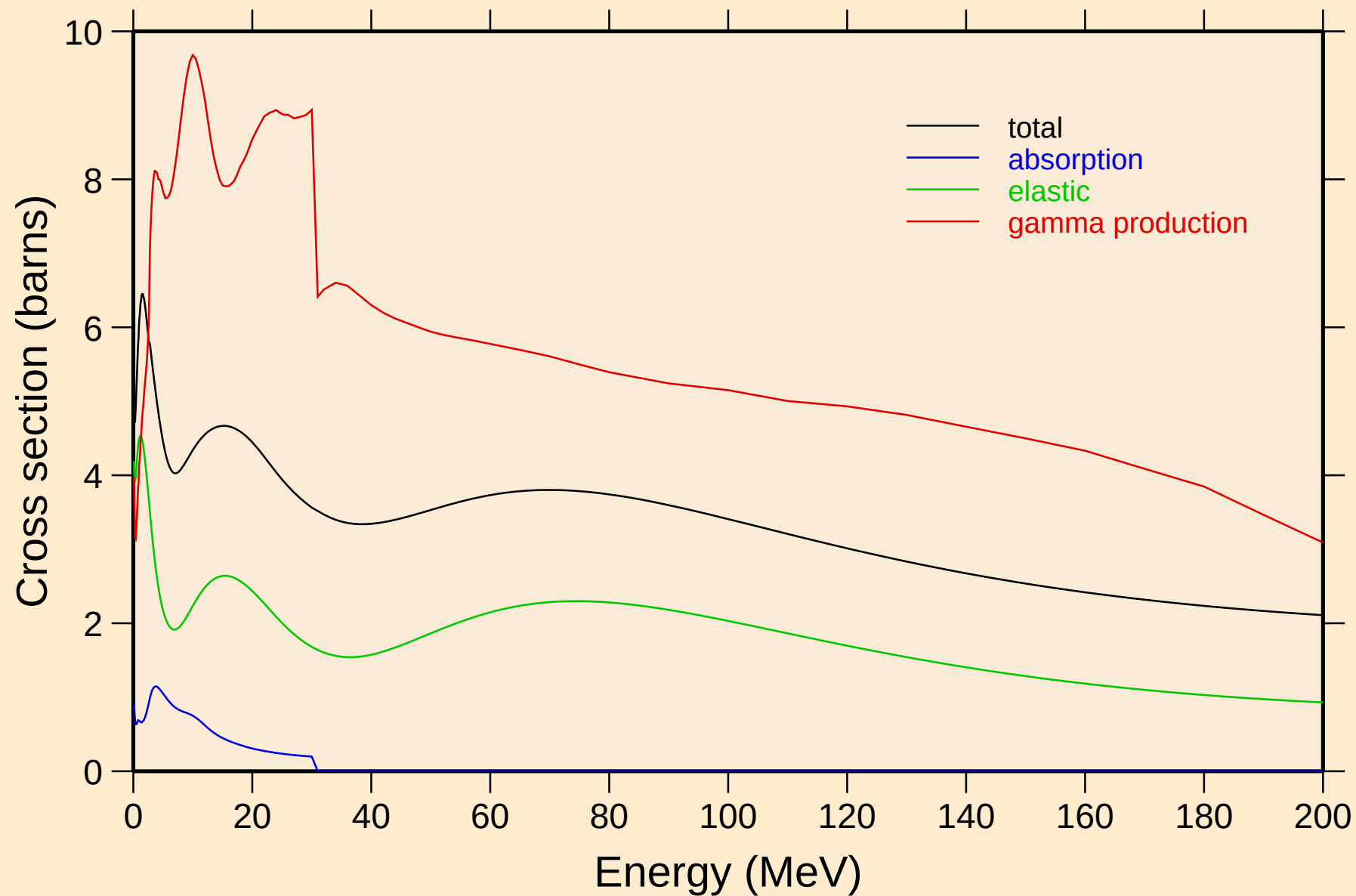
# CE128 NRG TENDL-2015, AKONING

Non-threshold reactions



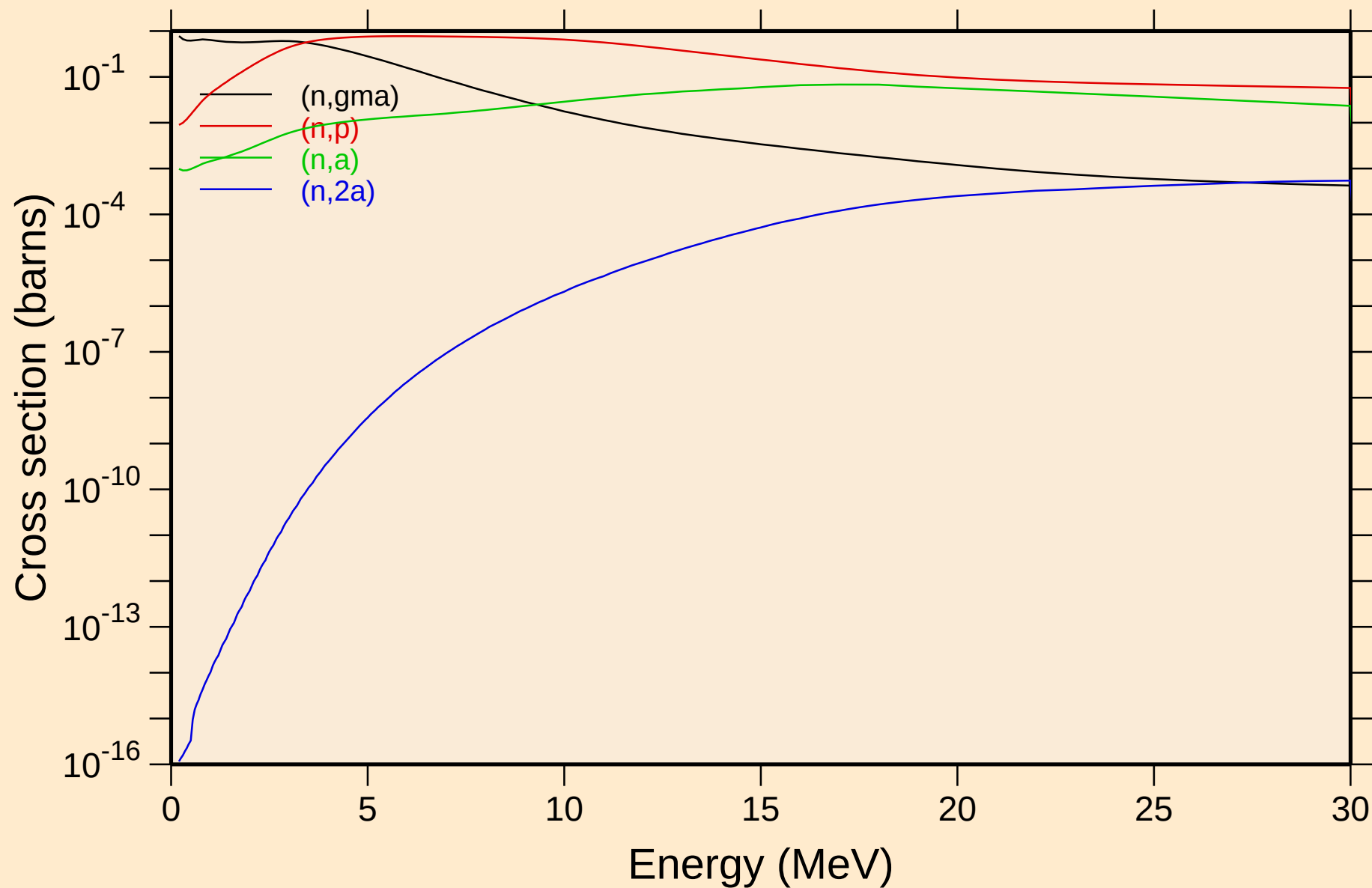
# CE128 NRG TENDL-2015, AKONING

## Principal cross sections



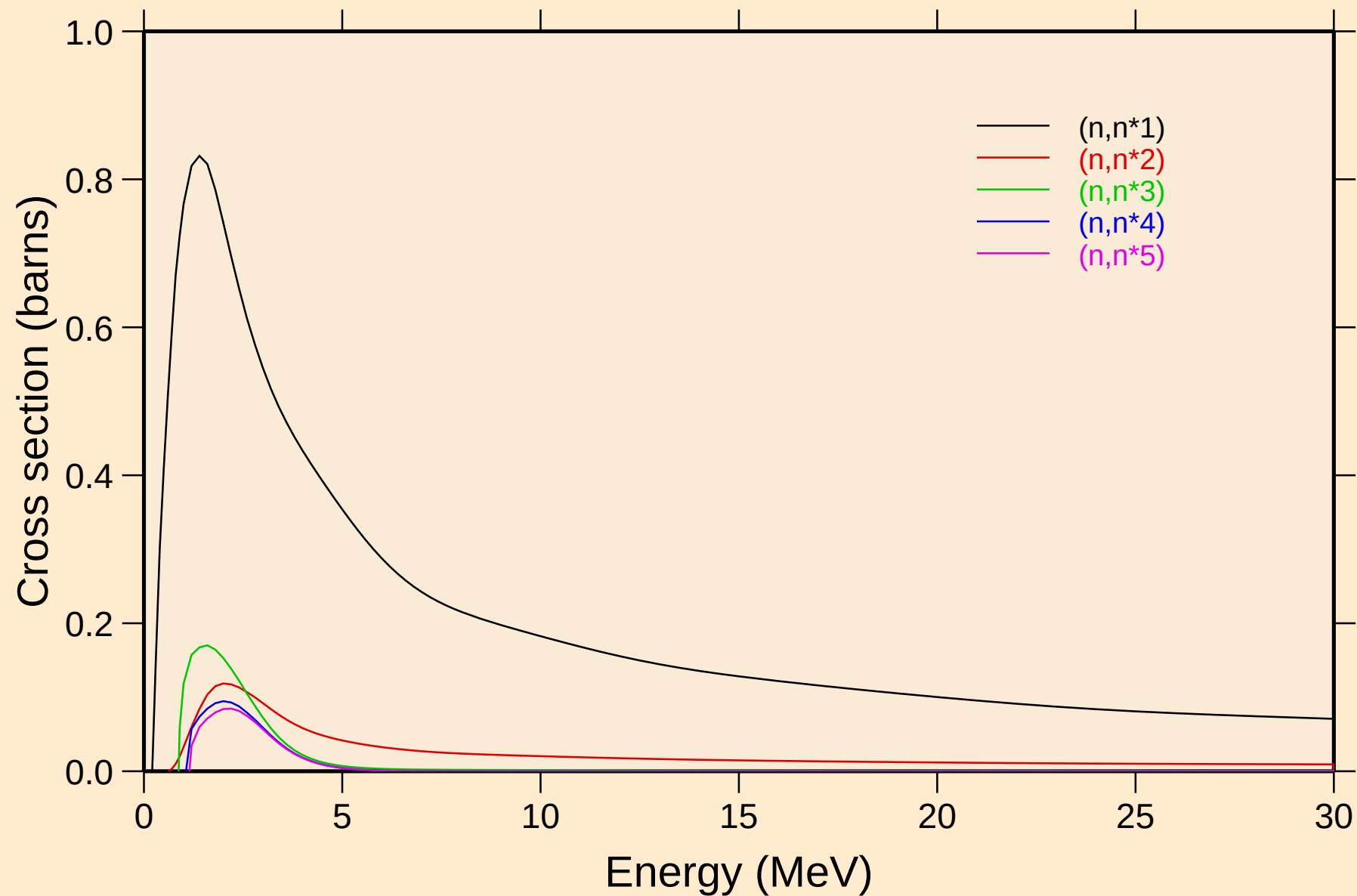
# CE128 NRG TENDL-2015, AKONING

Non-threshold reactions



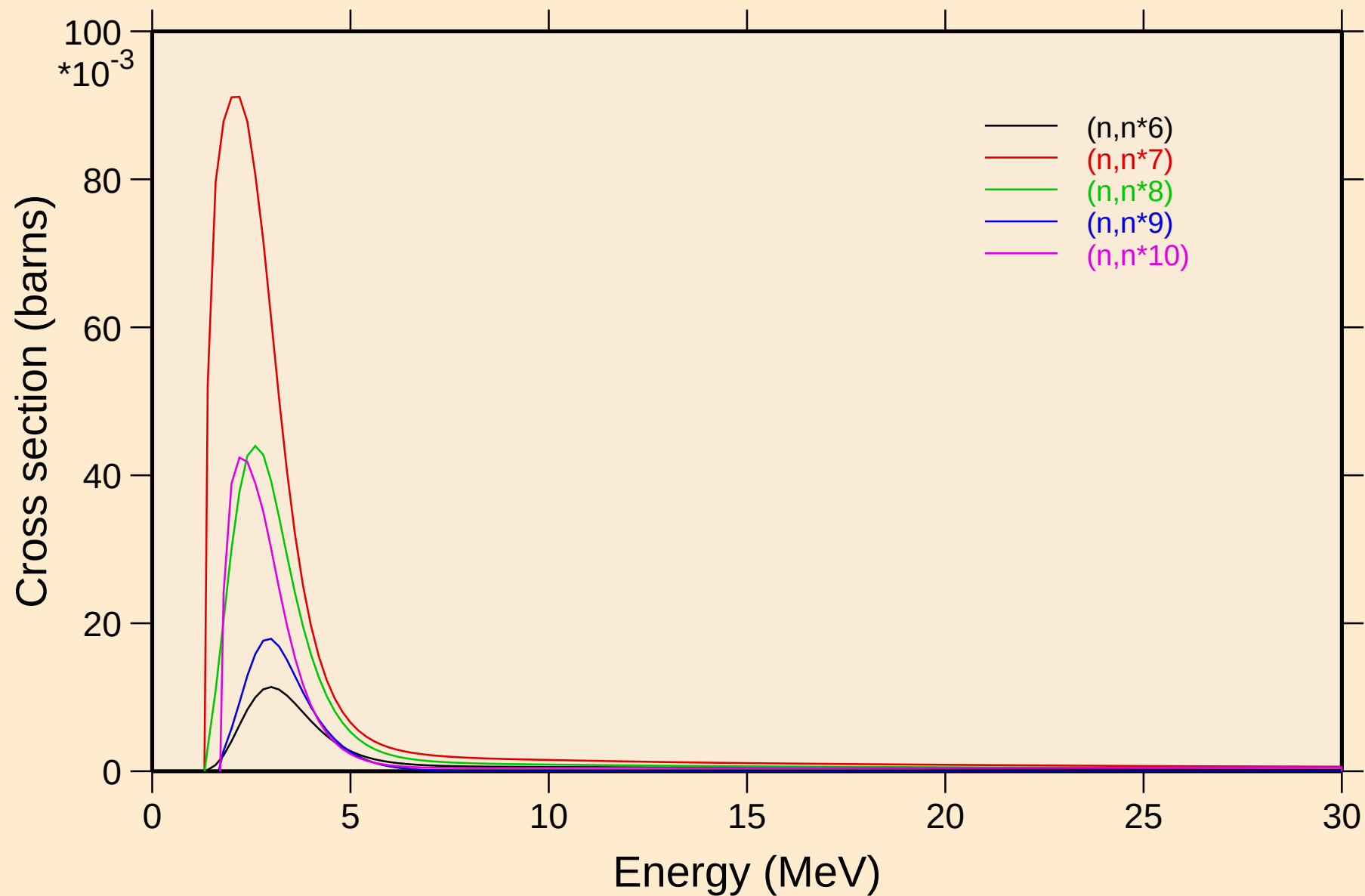
# CE128 NRG TENDL-2015, AKONING

## Inelastic levels



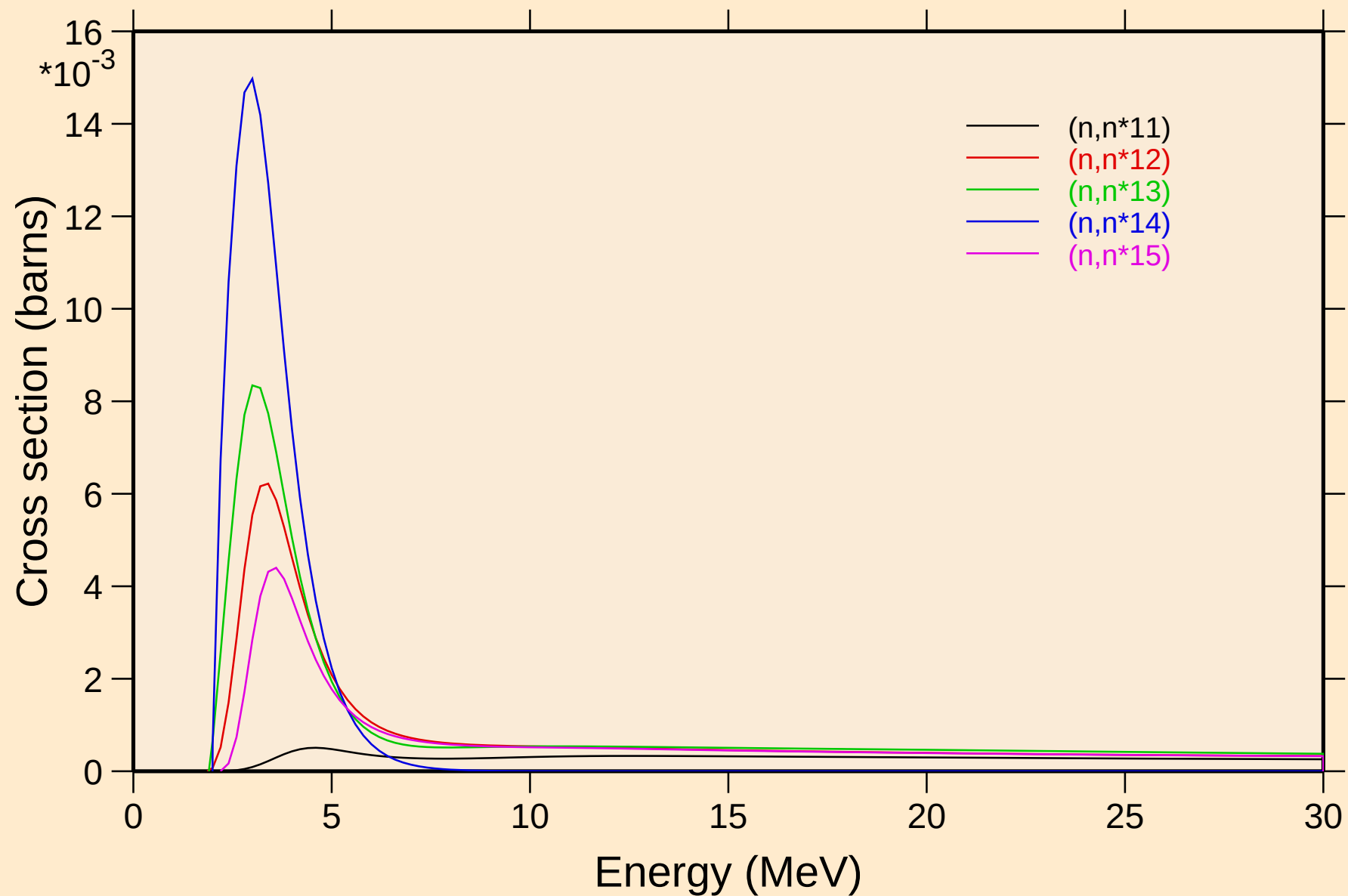
# CE128 NRG TENDL-2015, AKONING

## Inelastic levels



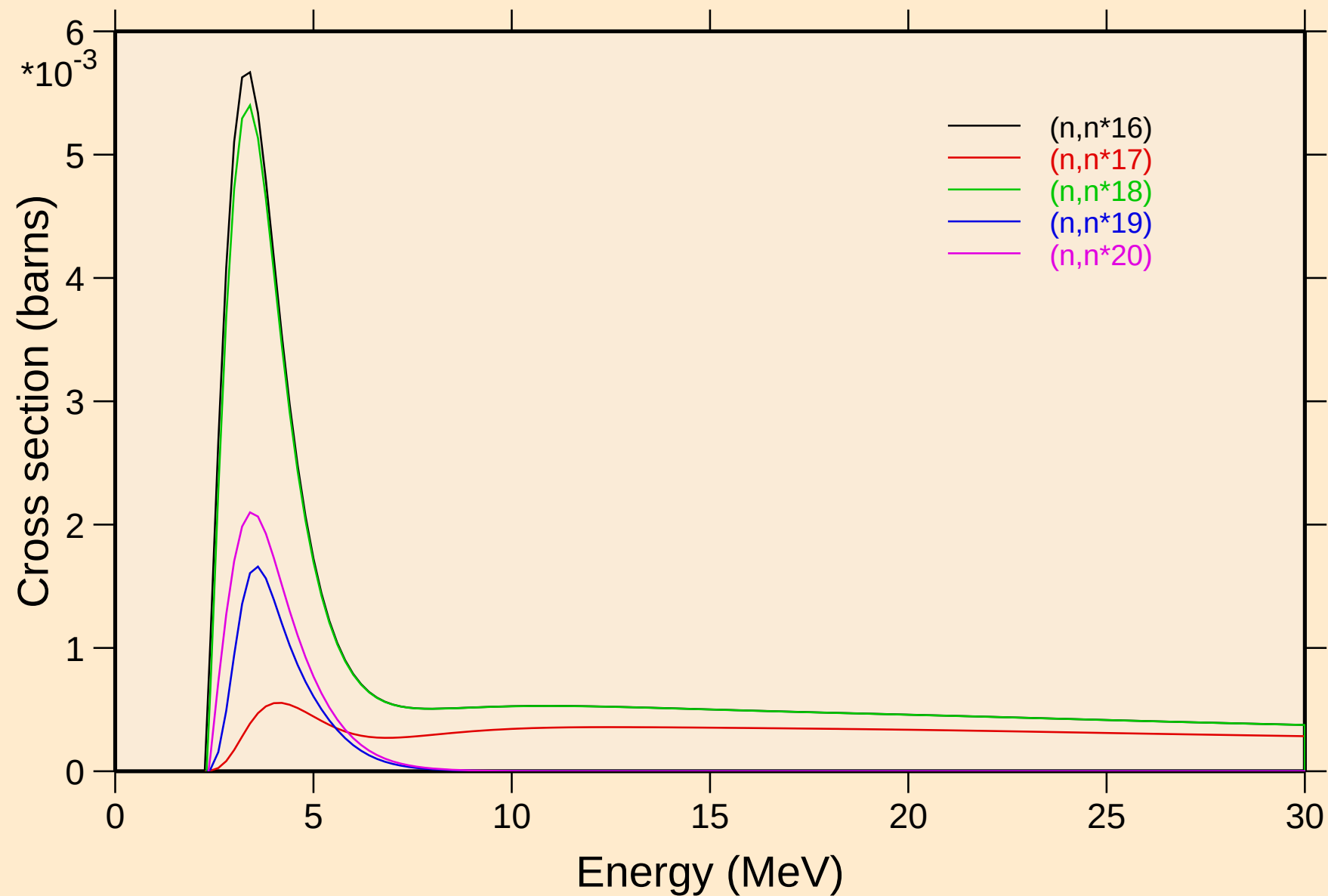
# CE128 NRG TENDL-2015, AKONING

## Inelastic levels



# CE128 NRG TENDL-2015, AKONING

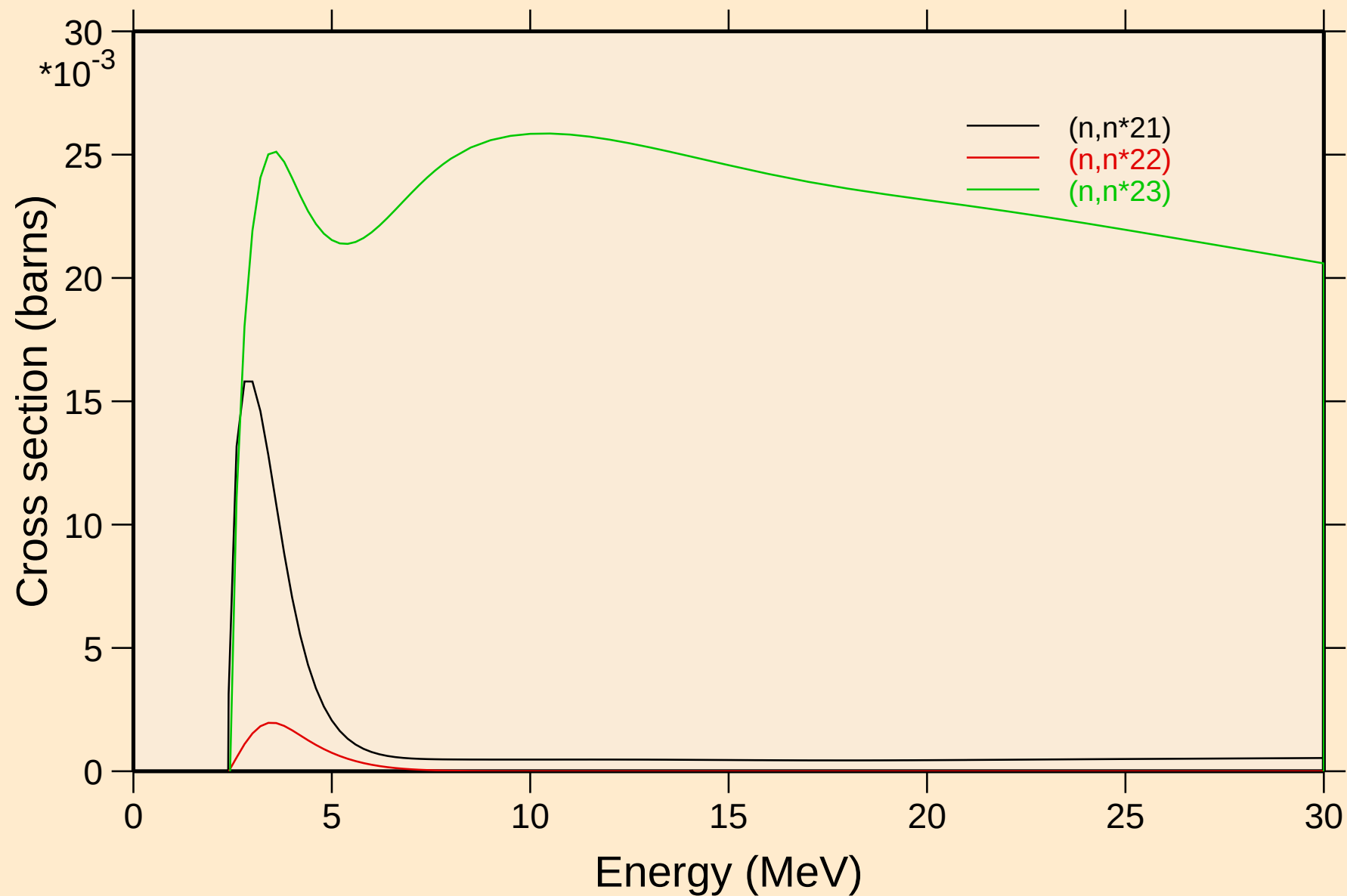
## Inelastic levels





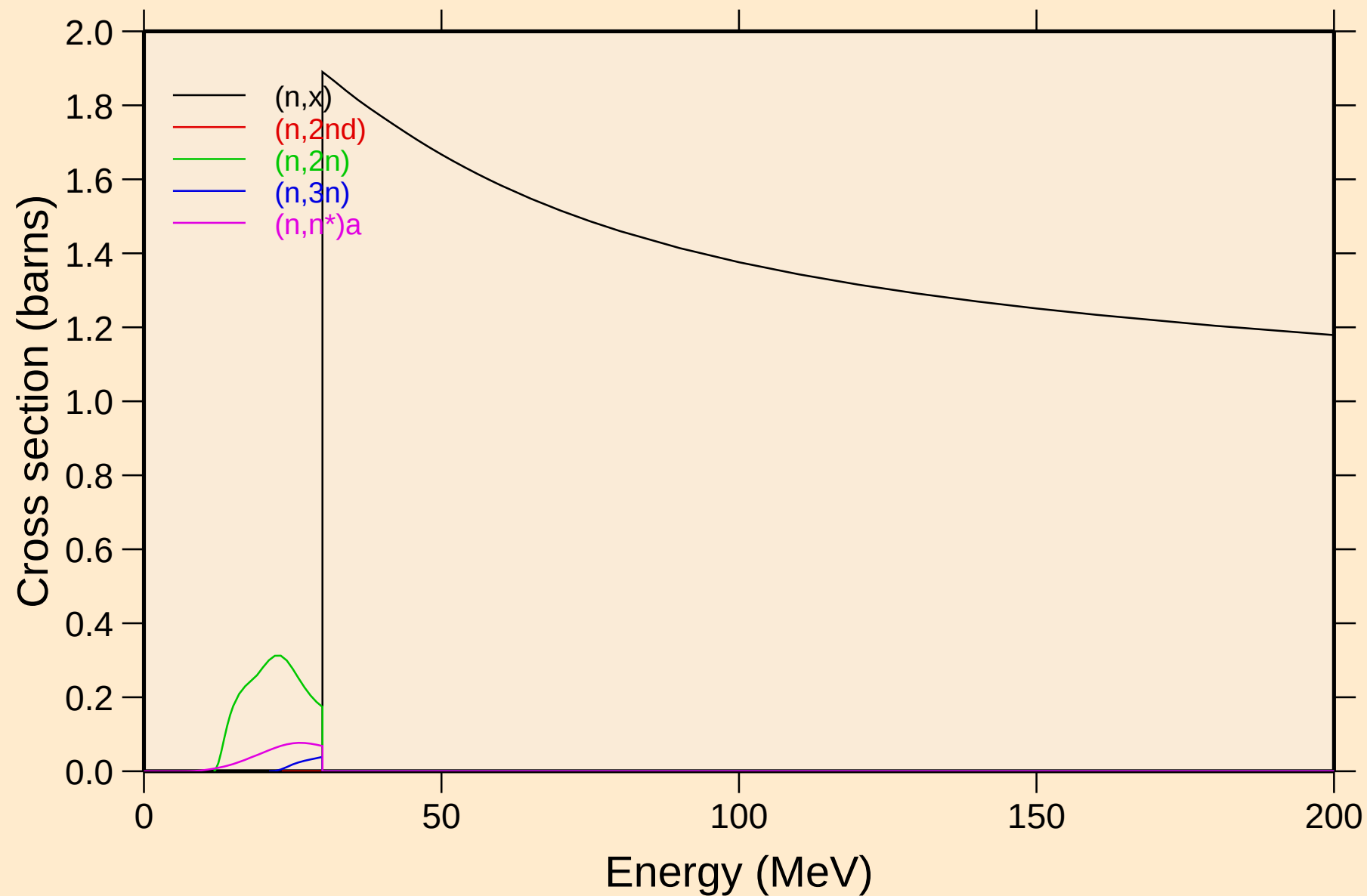
# CE128 NRG TENDL-2015, AKONING

## Inelastic levels



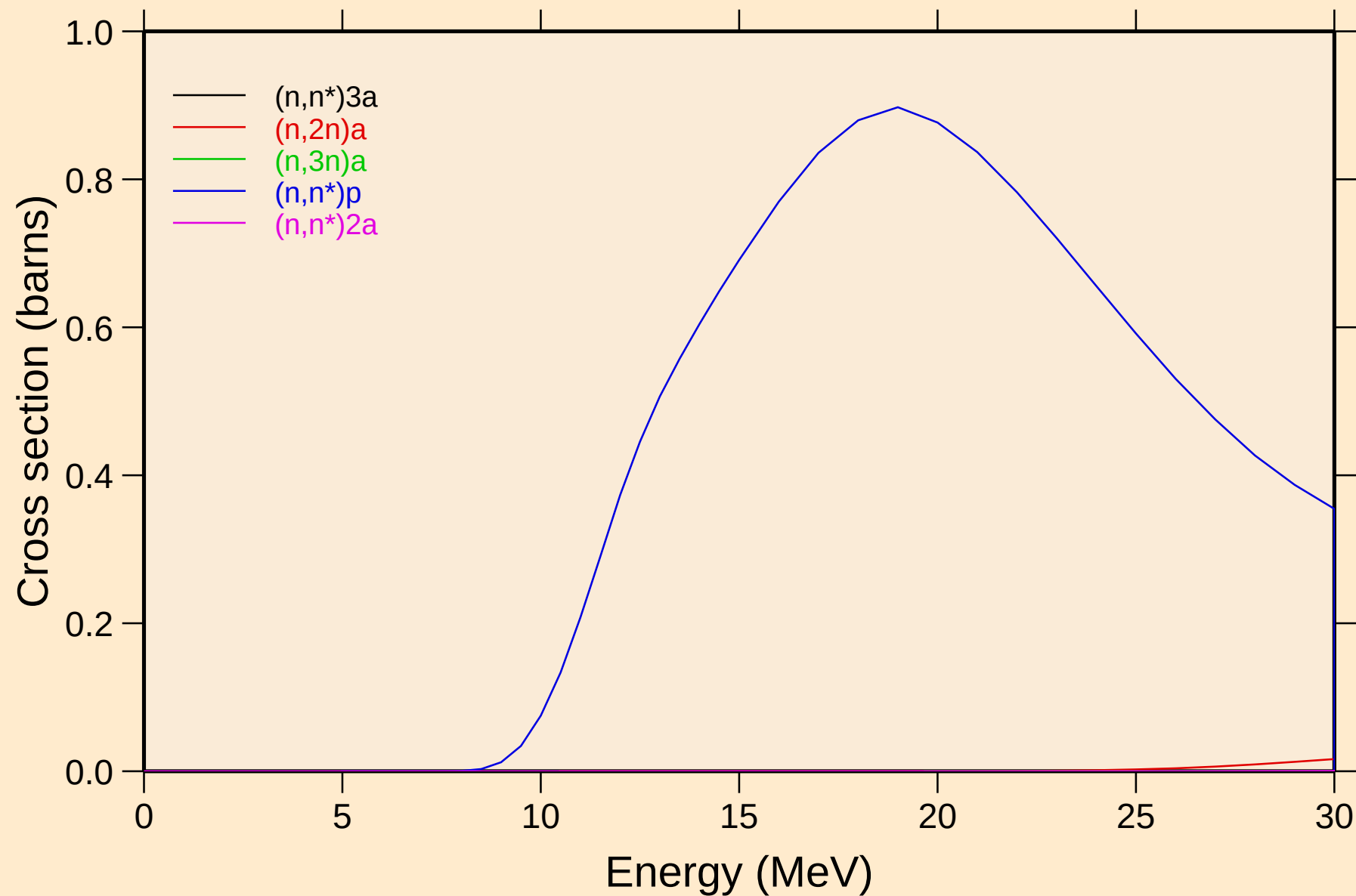
# CE128 NRG TENDL-2015, AKONING

## Threshold reactions



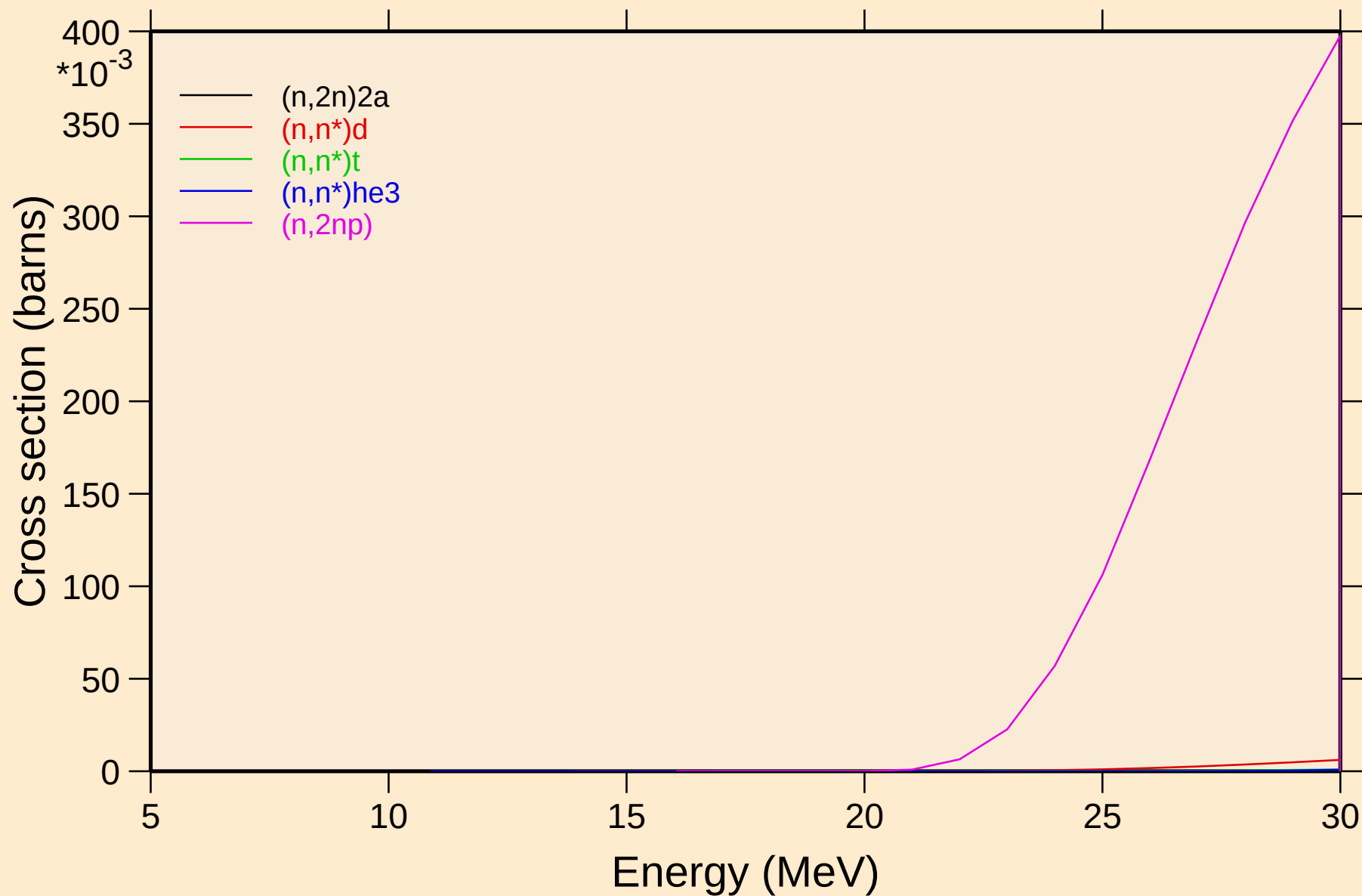
# CE128 NRG TENDL-2015, AKONING

## Threshold reactions



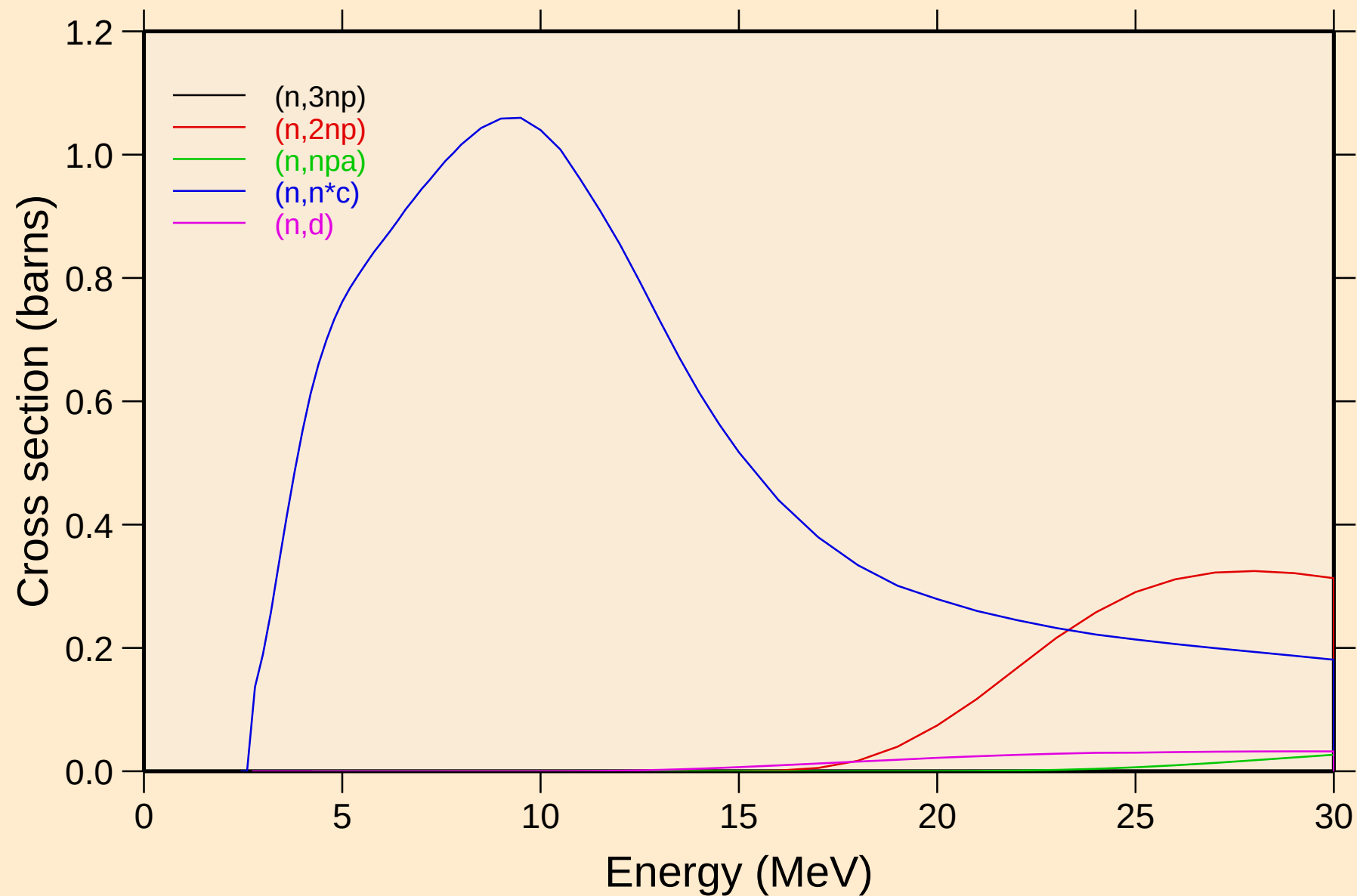
# CE128 NRG TENDL-2015, AKONING

## Threshold reactions



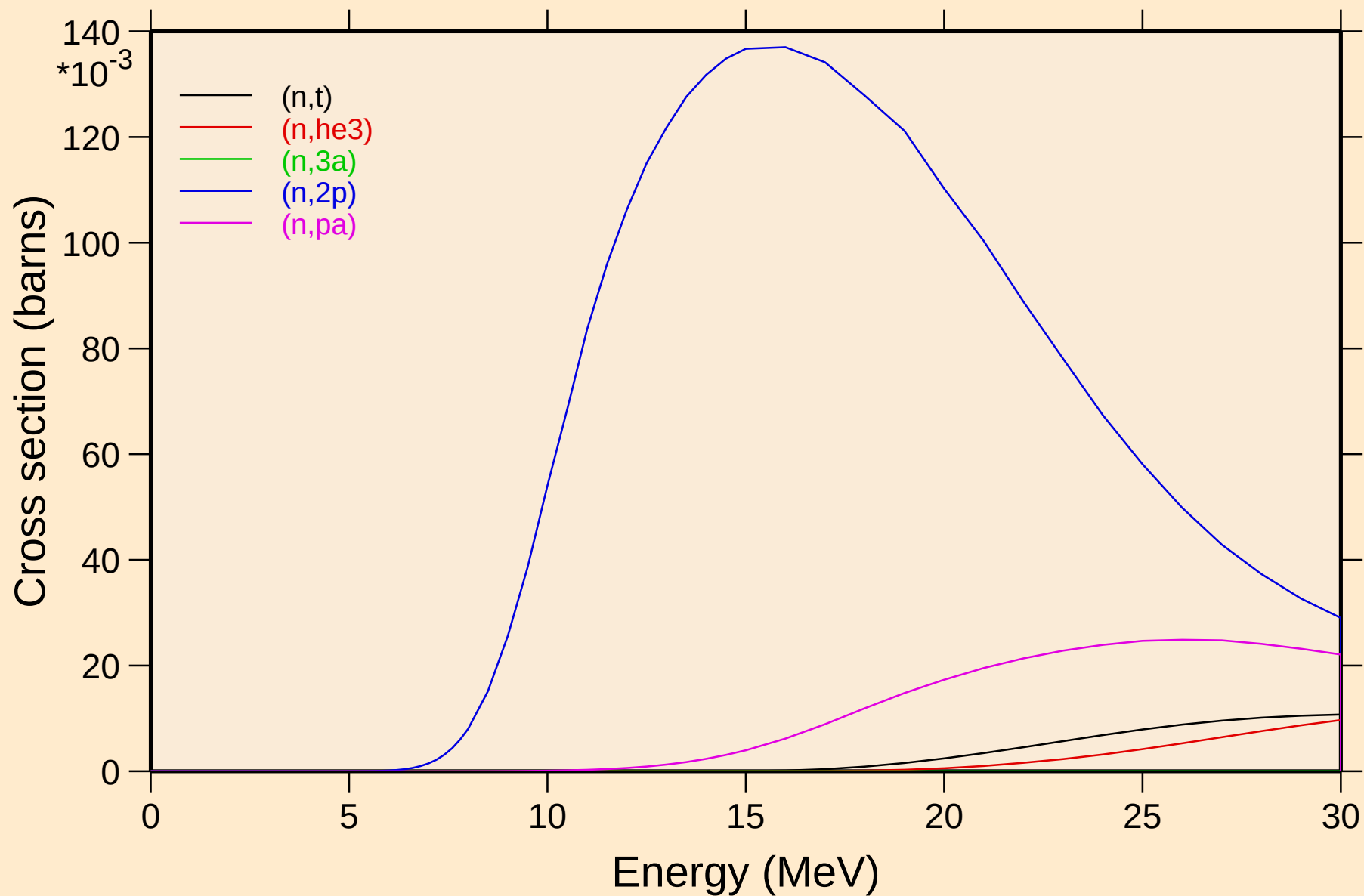
# CE128 NRG TENDL-2015, AKONING

## Threshold reactions



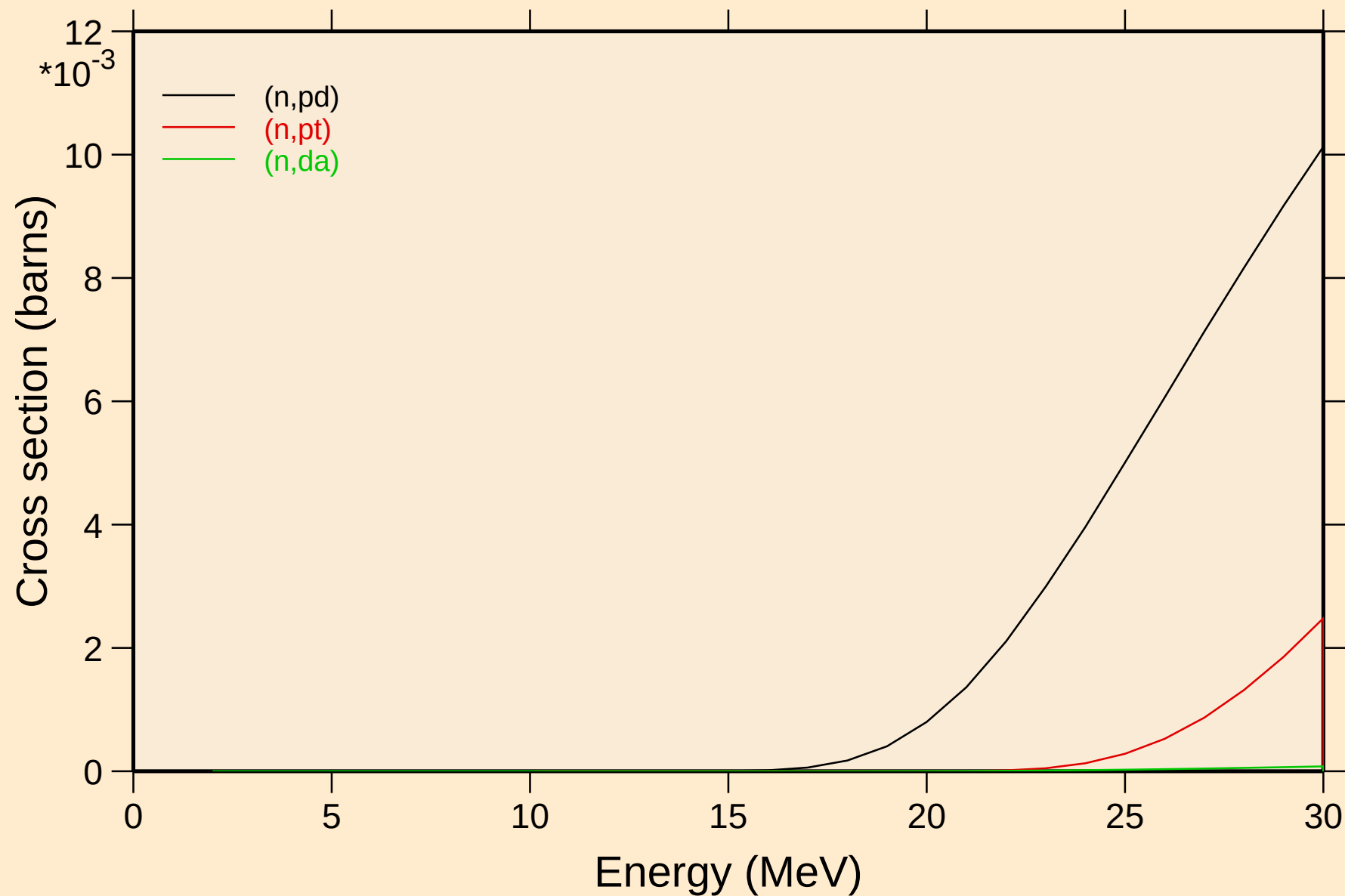
# CE128 NRG TENDL-2015, AKONING

## Threshold reactions

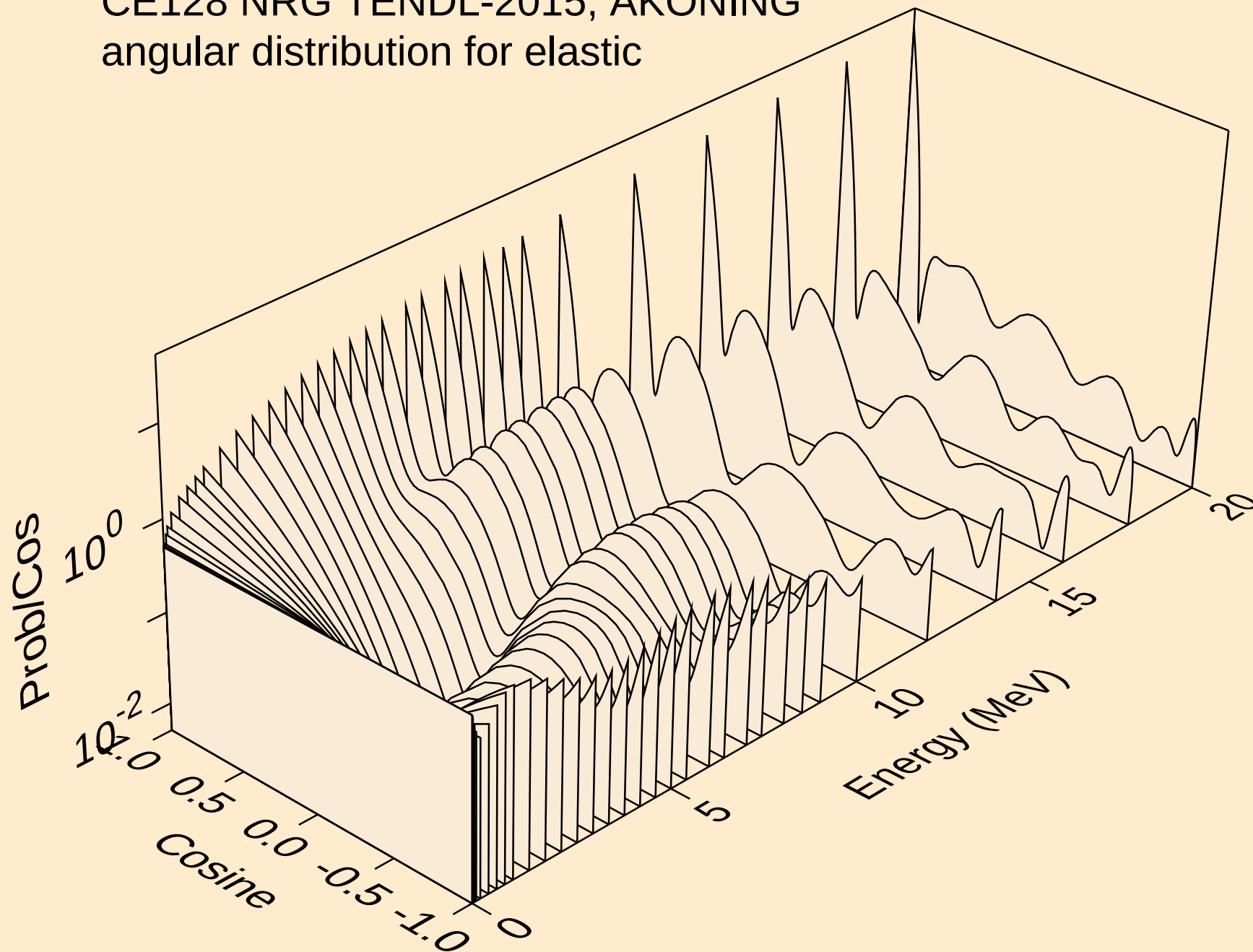


# CE128 NRG TENDL-2015, AKONING

## Threshold reactions

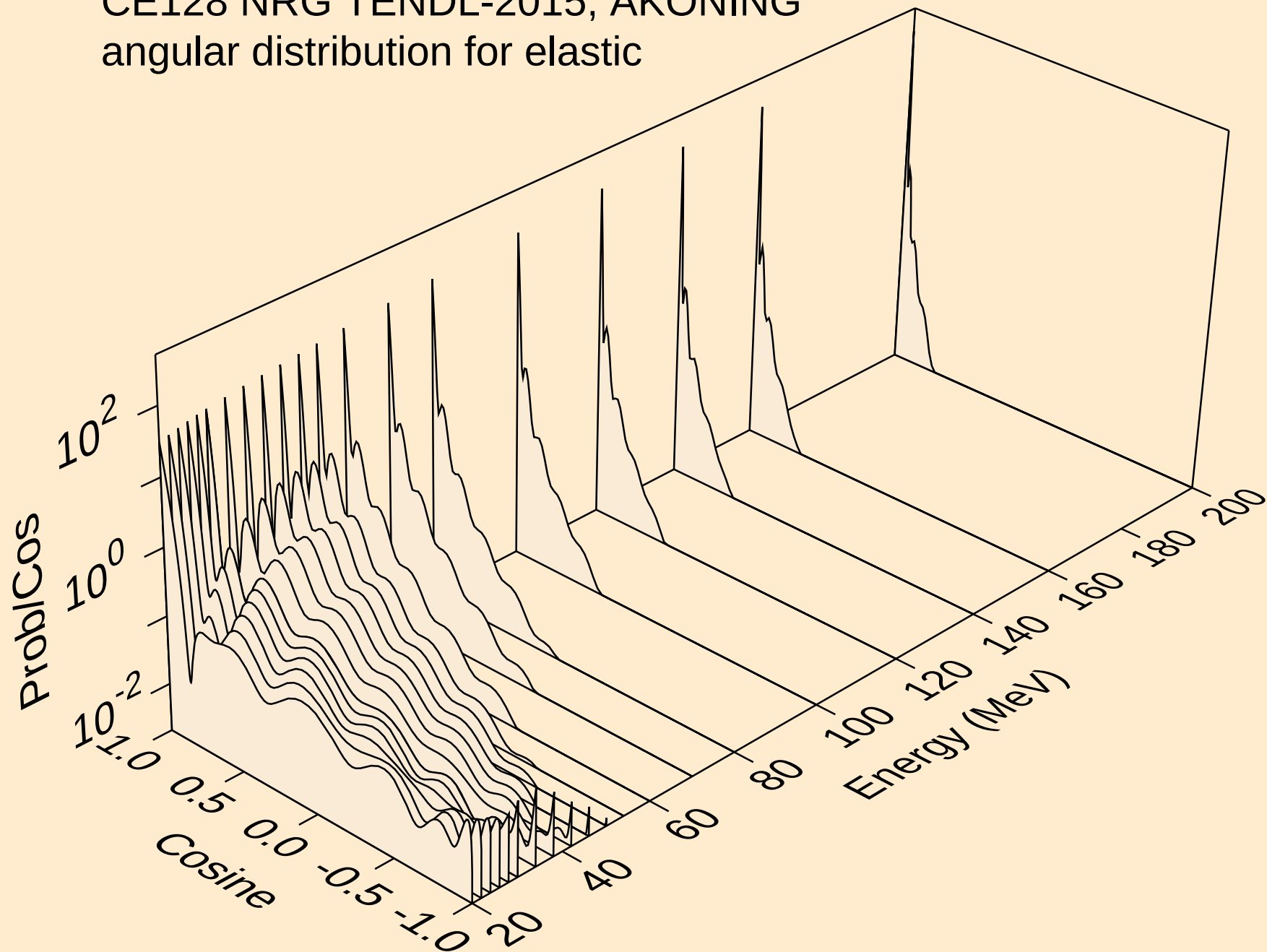


CE128 NRG TENDL-2015, AKONING  
angular distribution for elastic

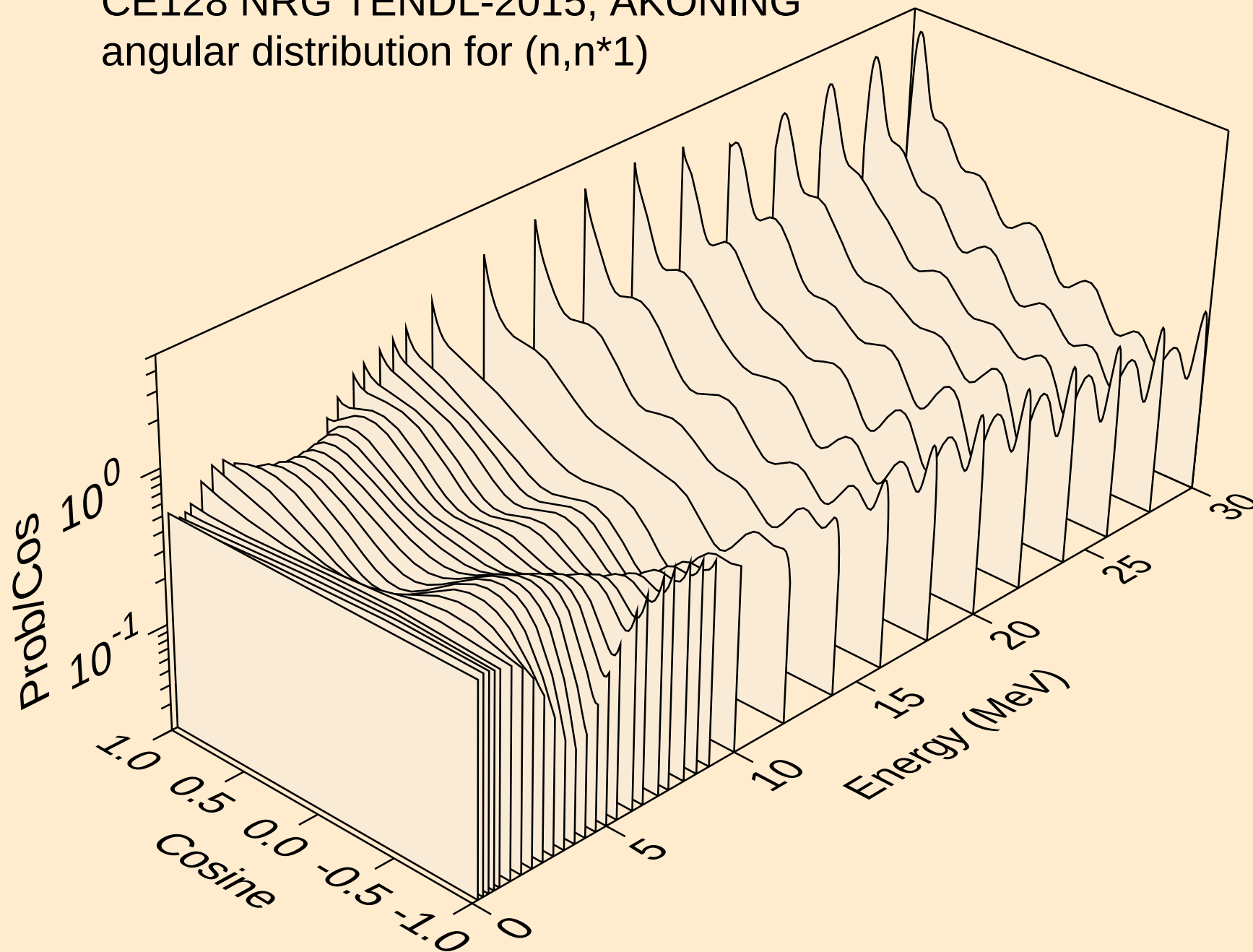




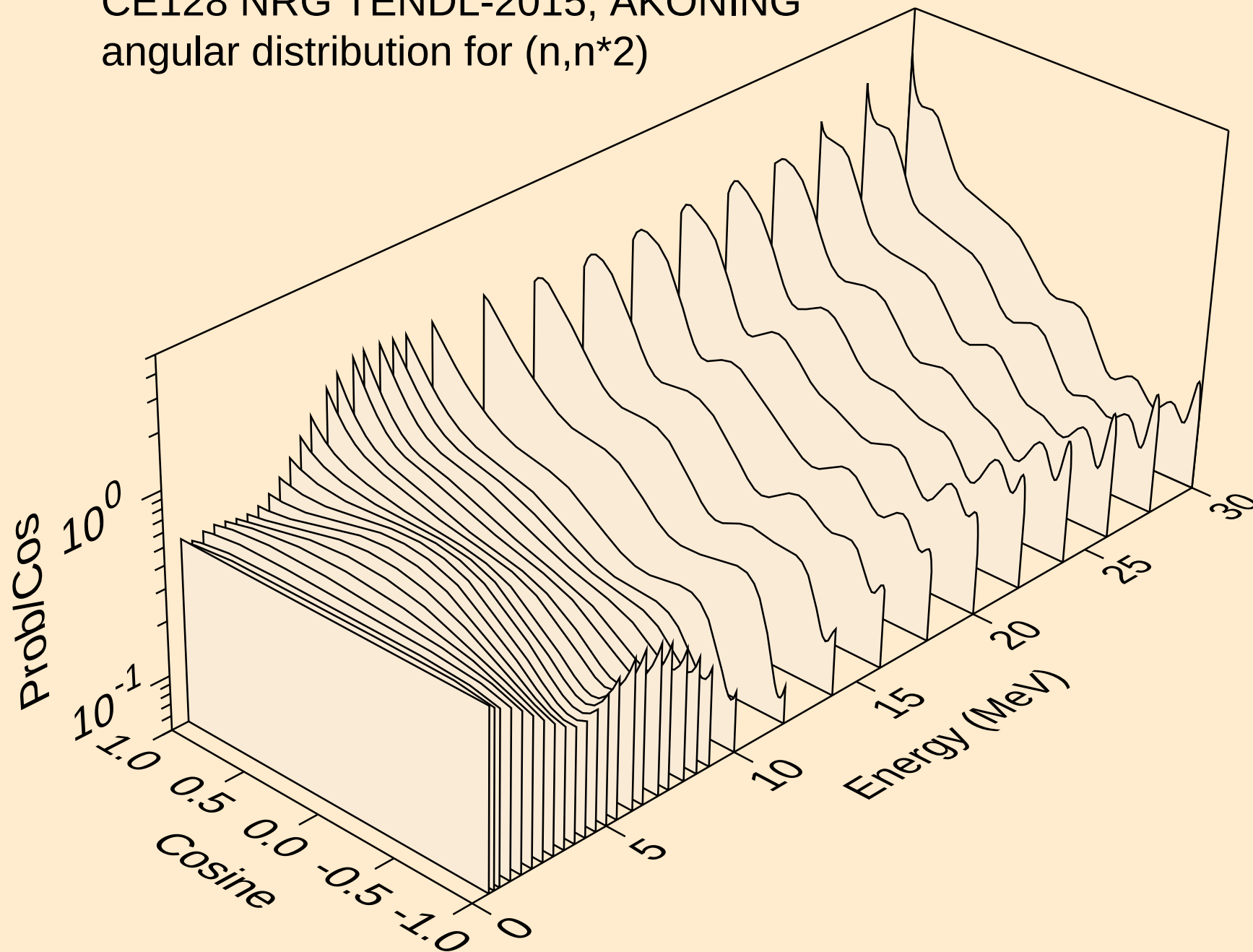
CE128 NRG TENDL-2015, AKONING  
angular distribution for elastic



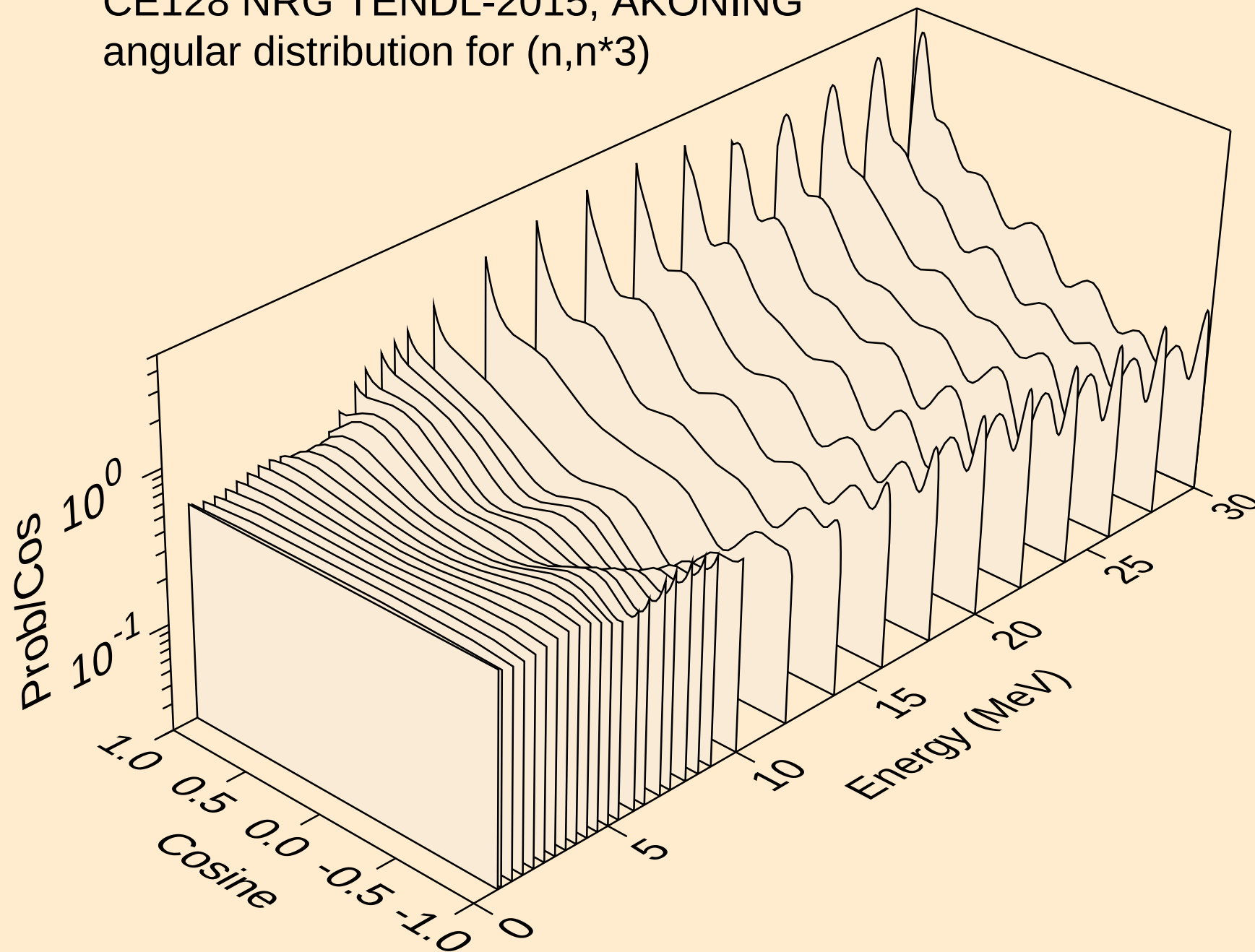
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



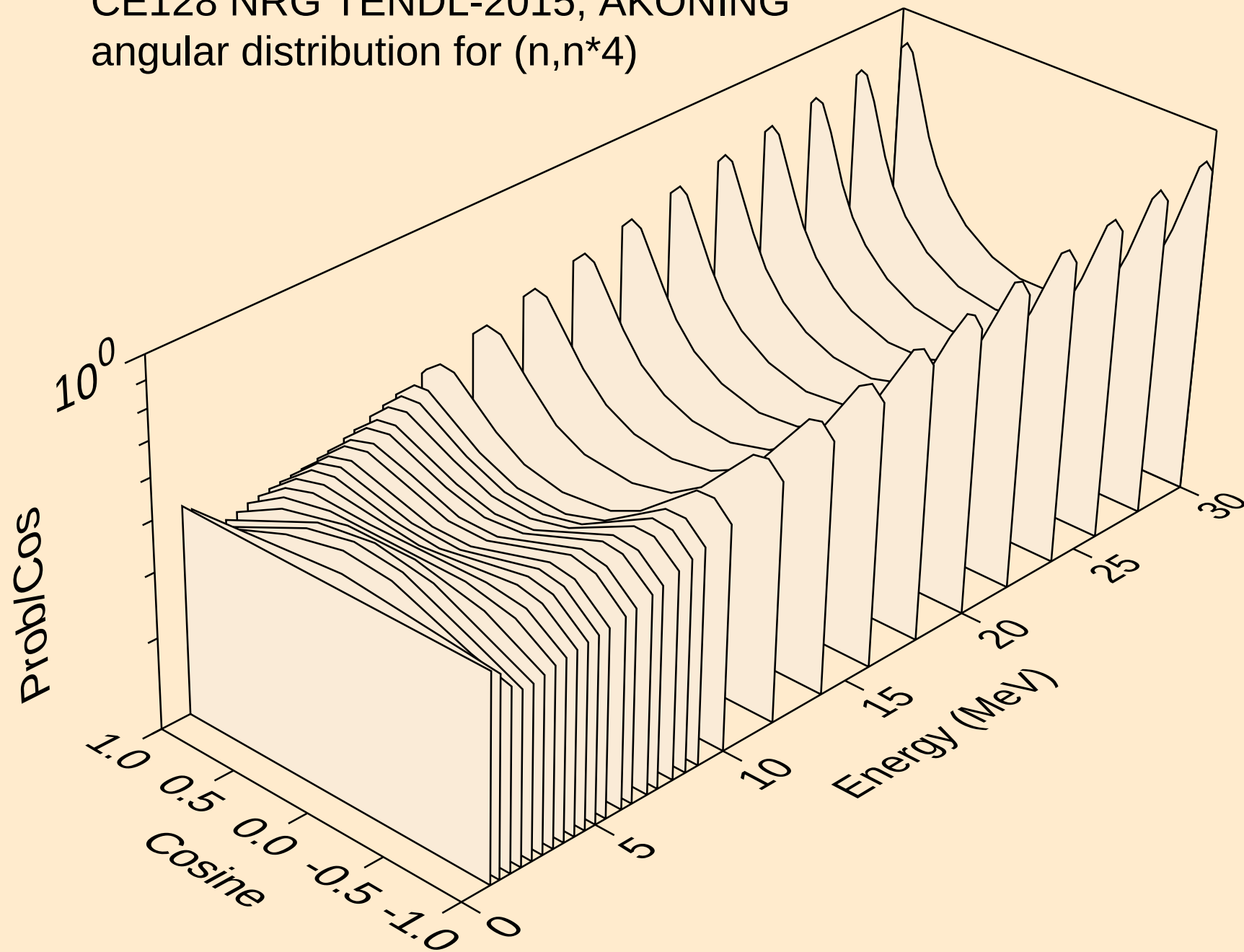
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



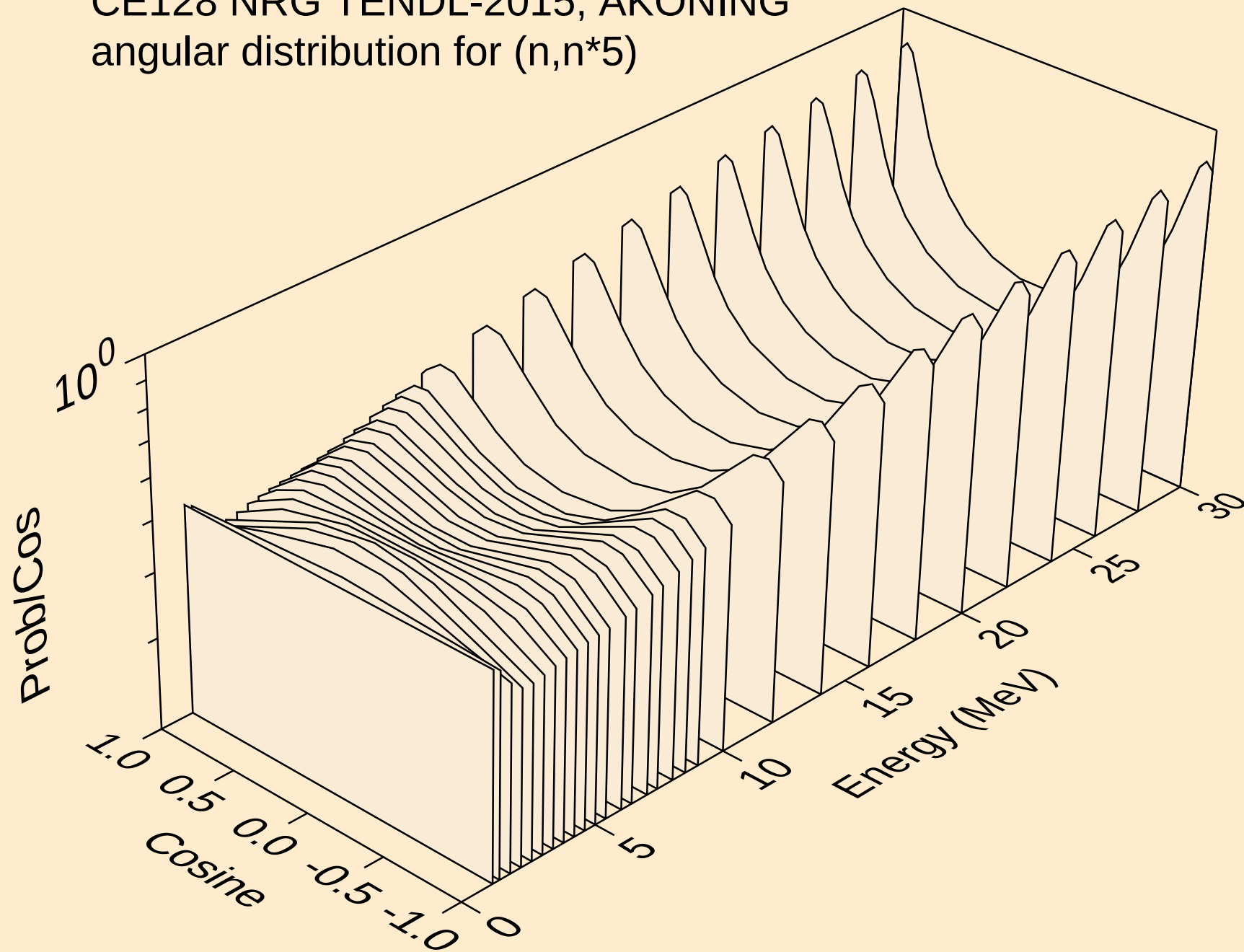
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



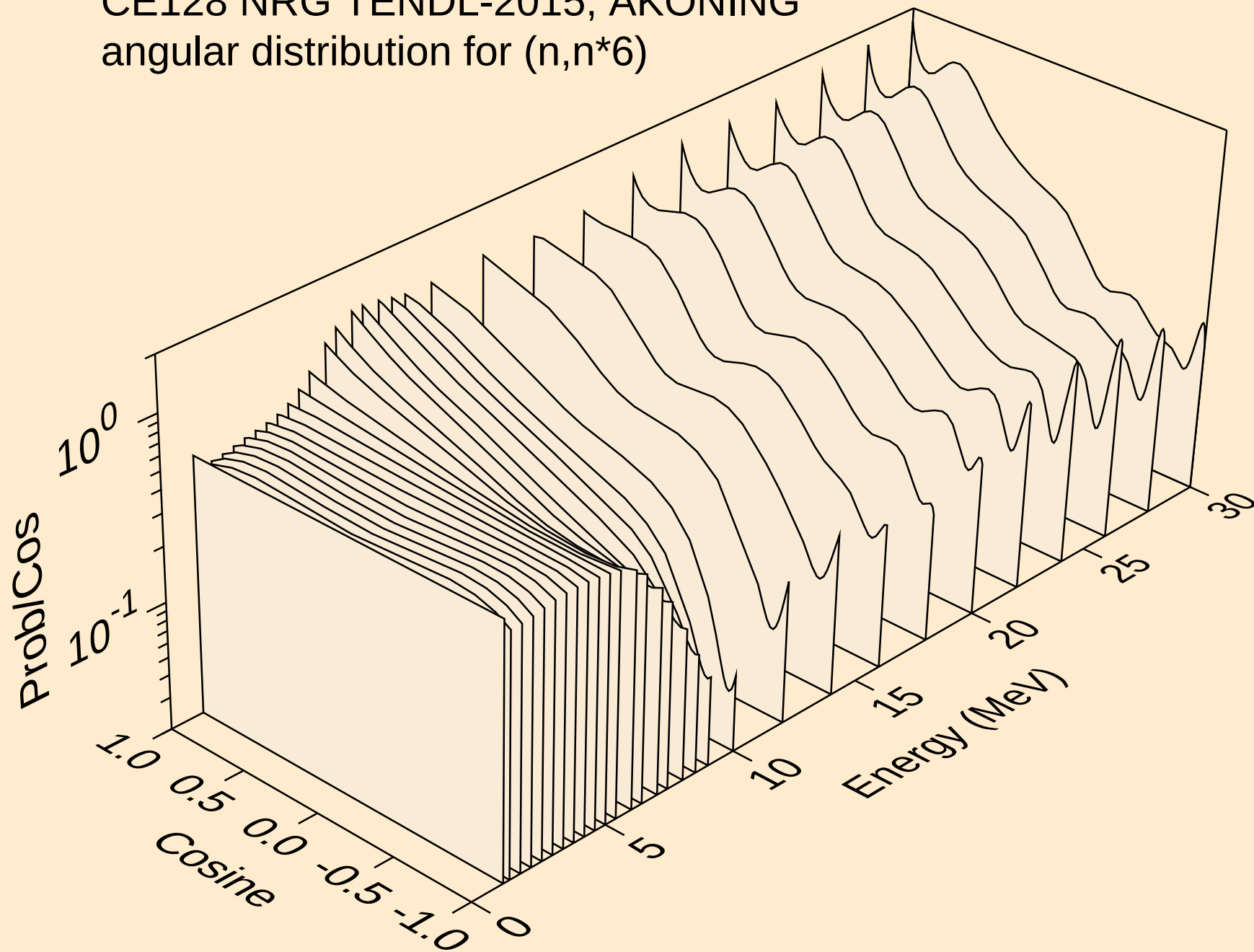
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



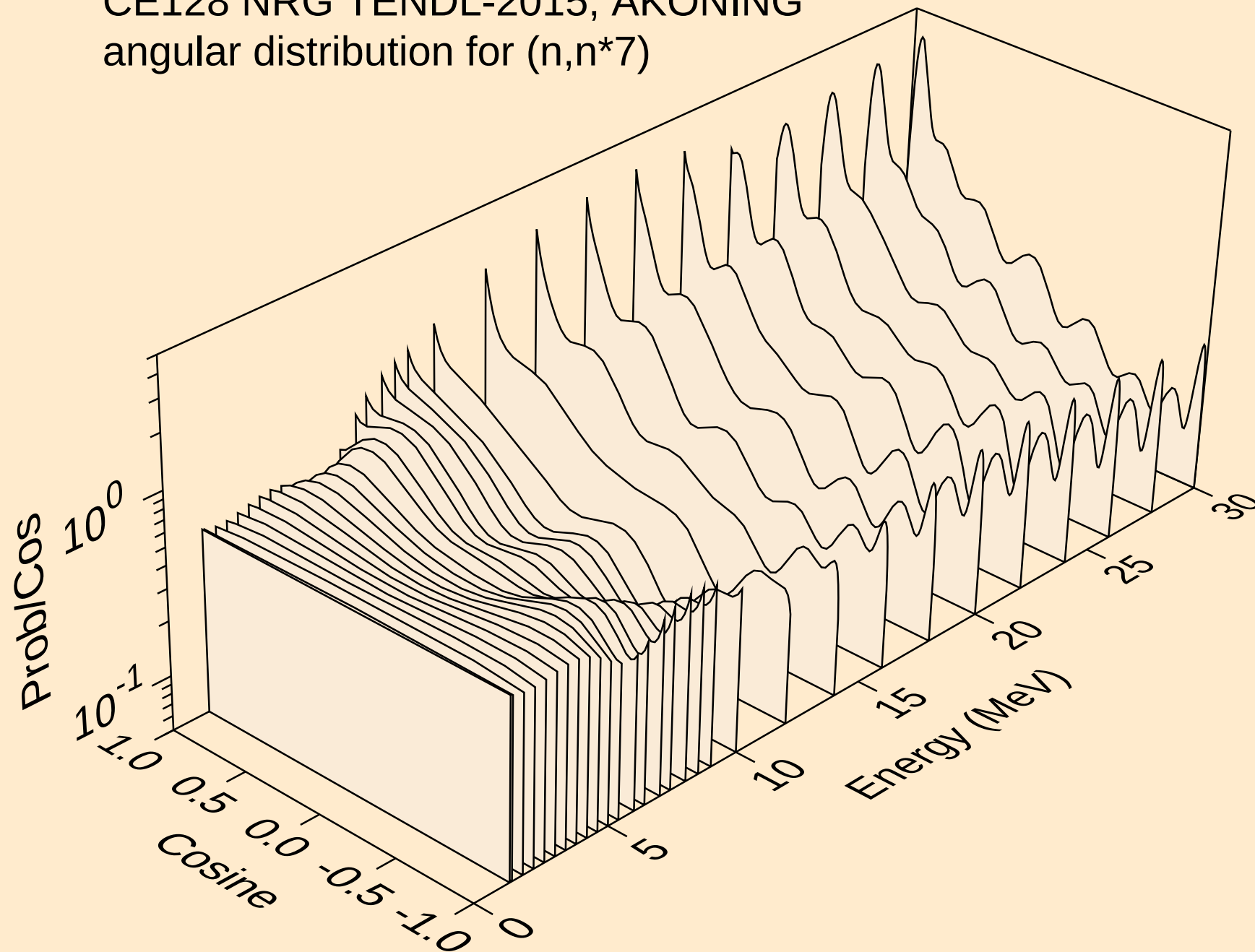
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

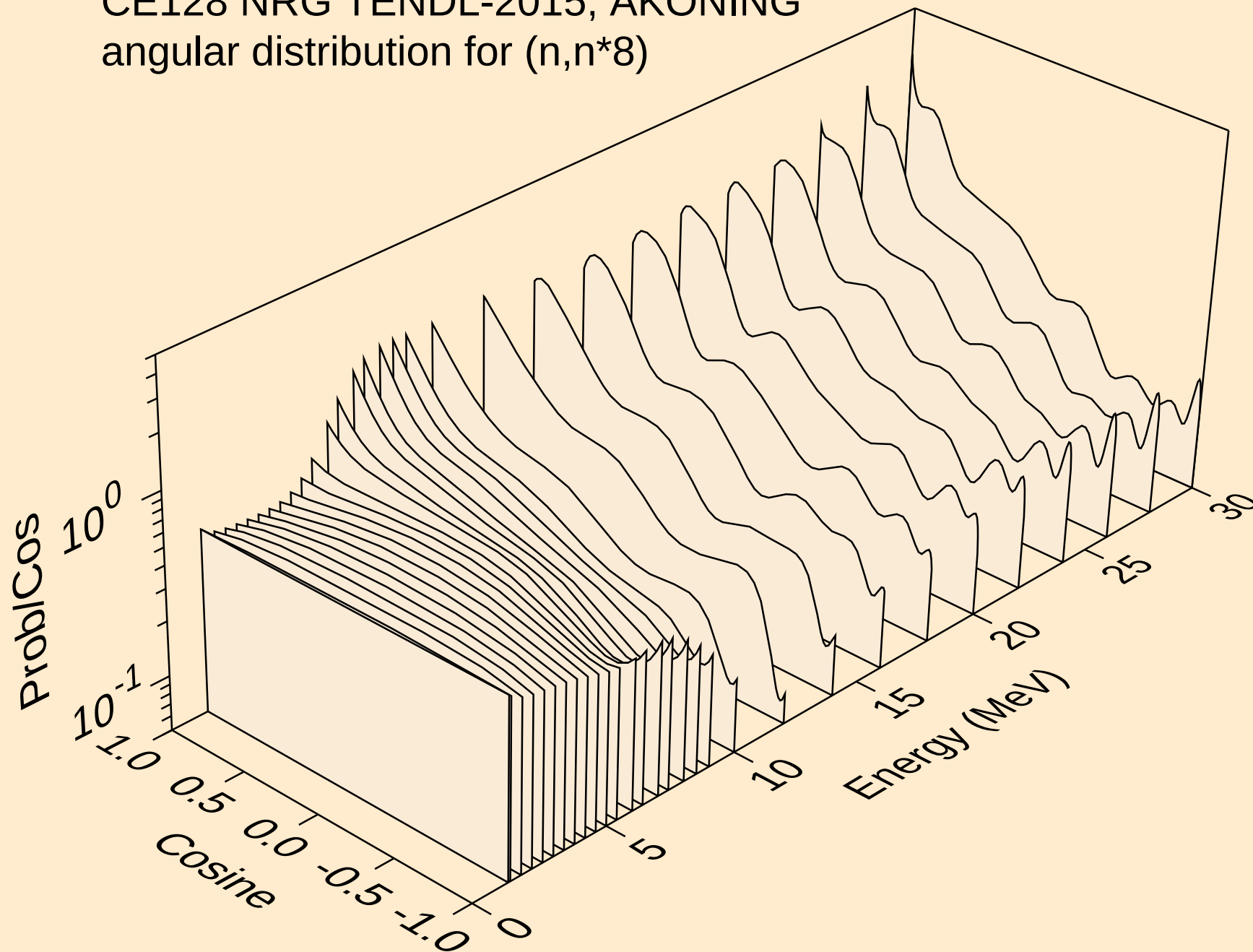


CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

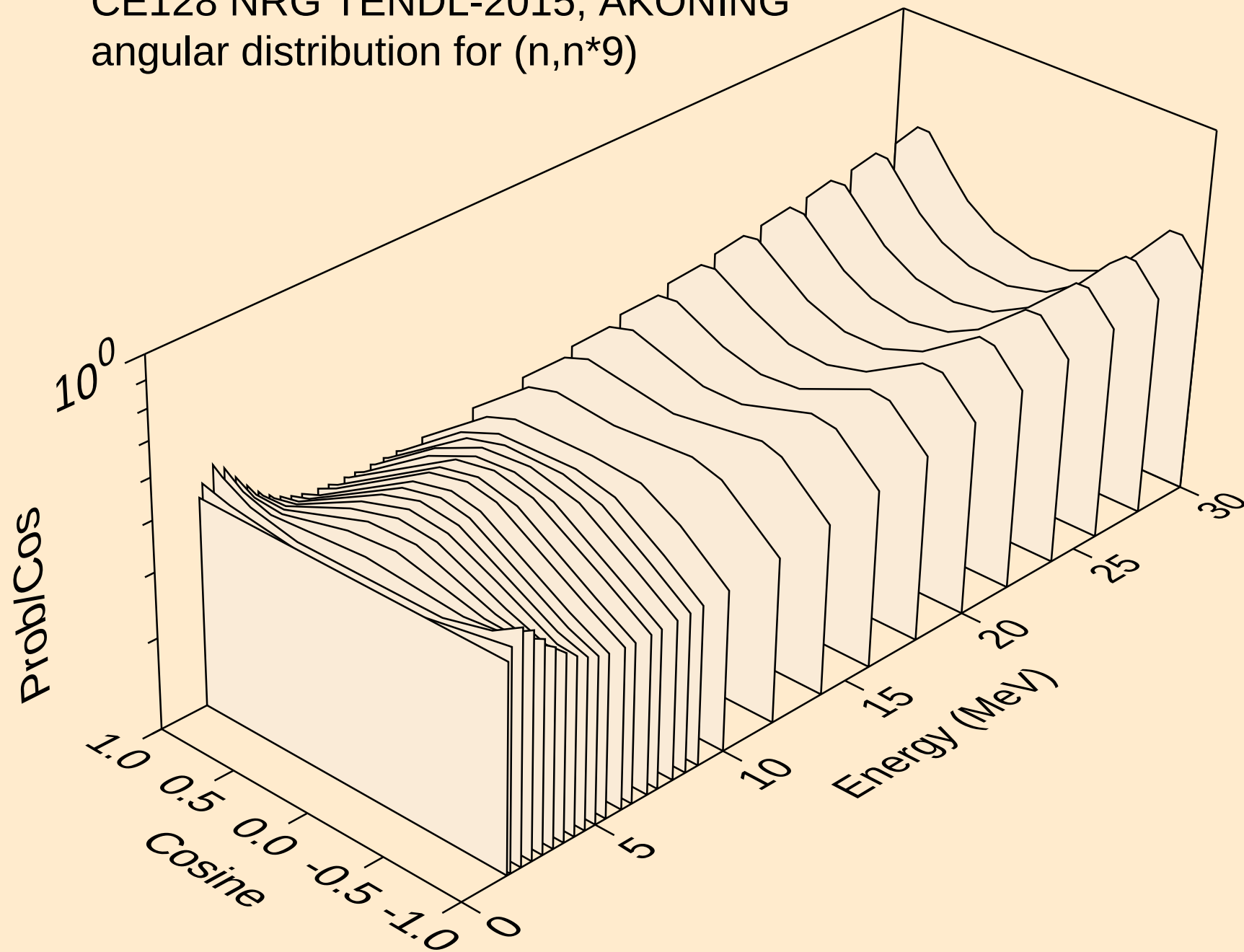




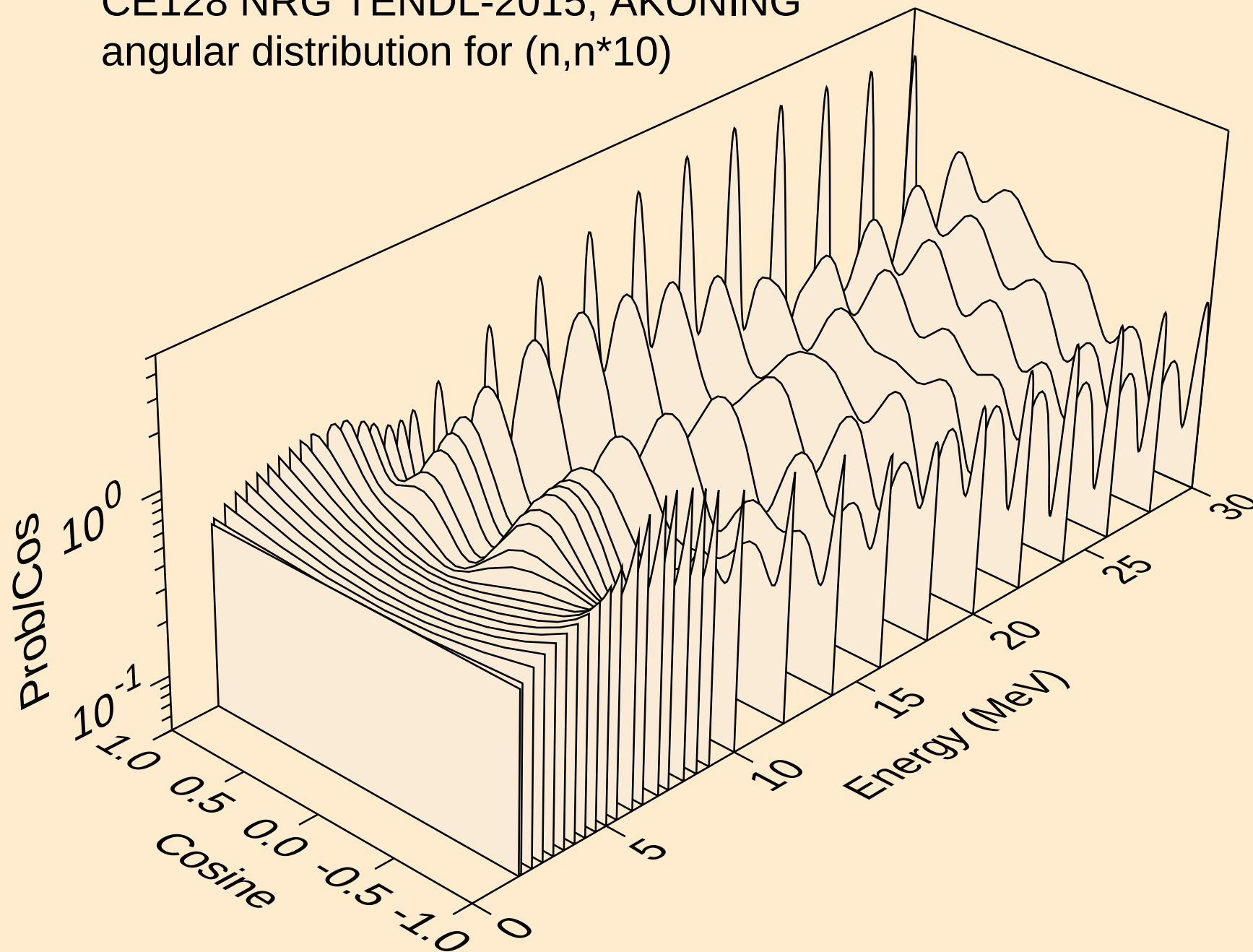
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



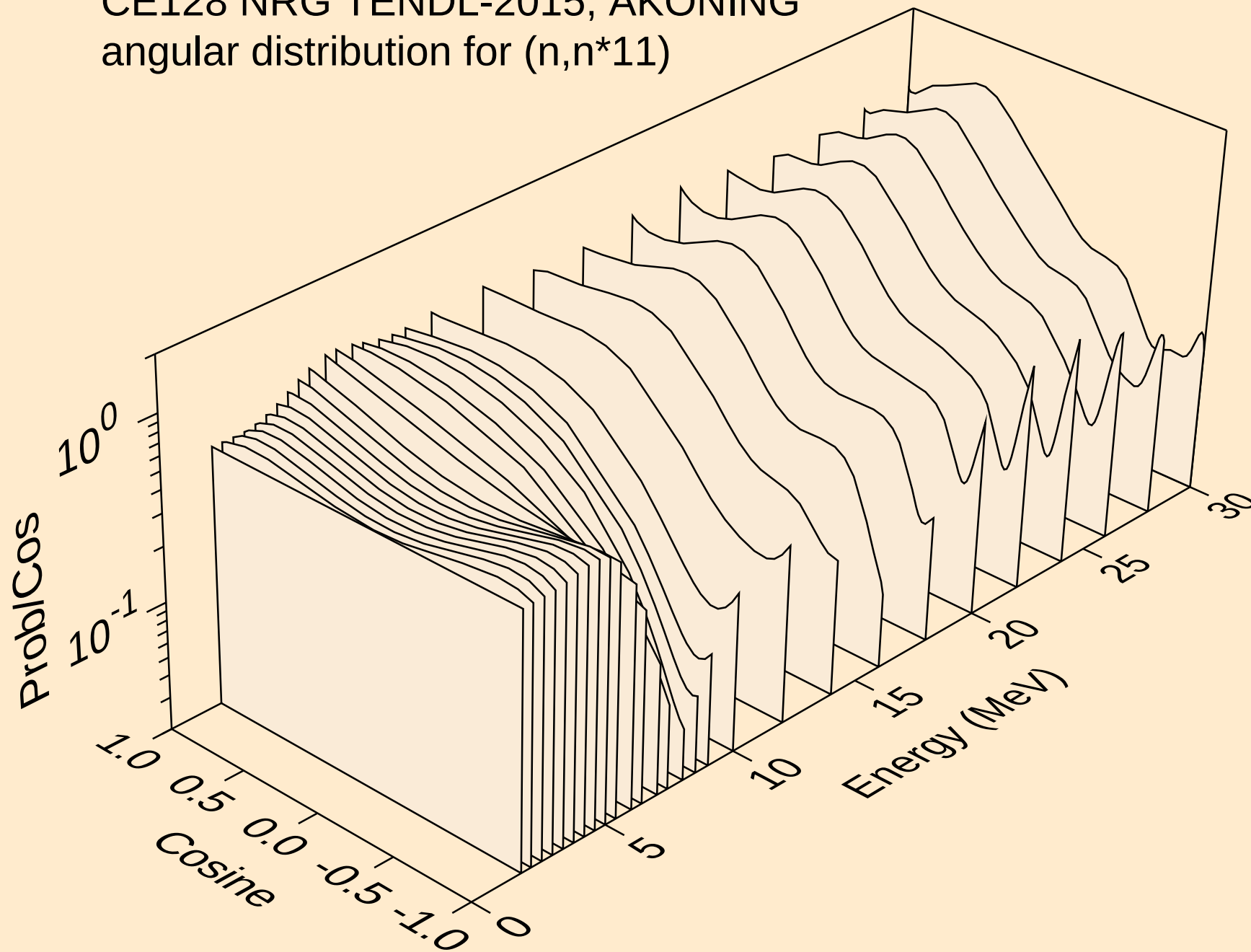
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



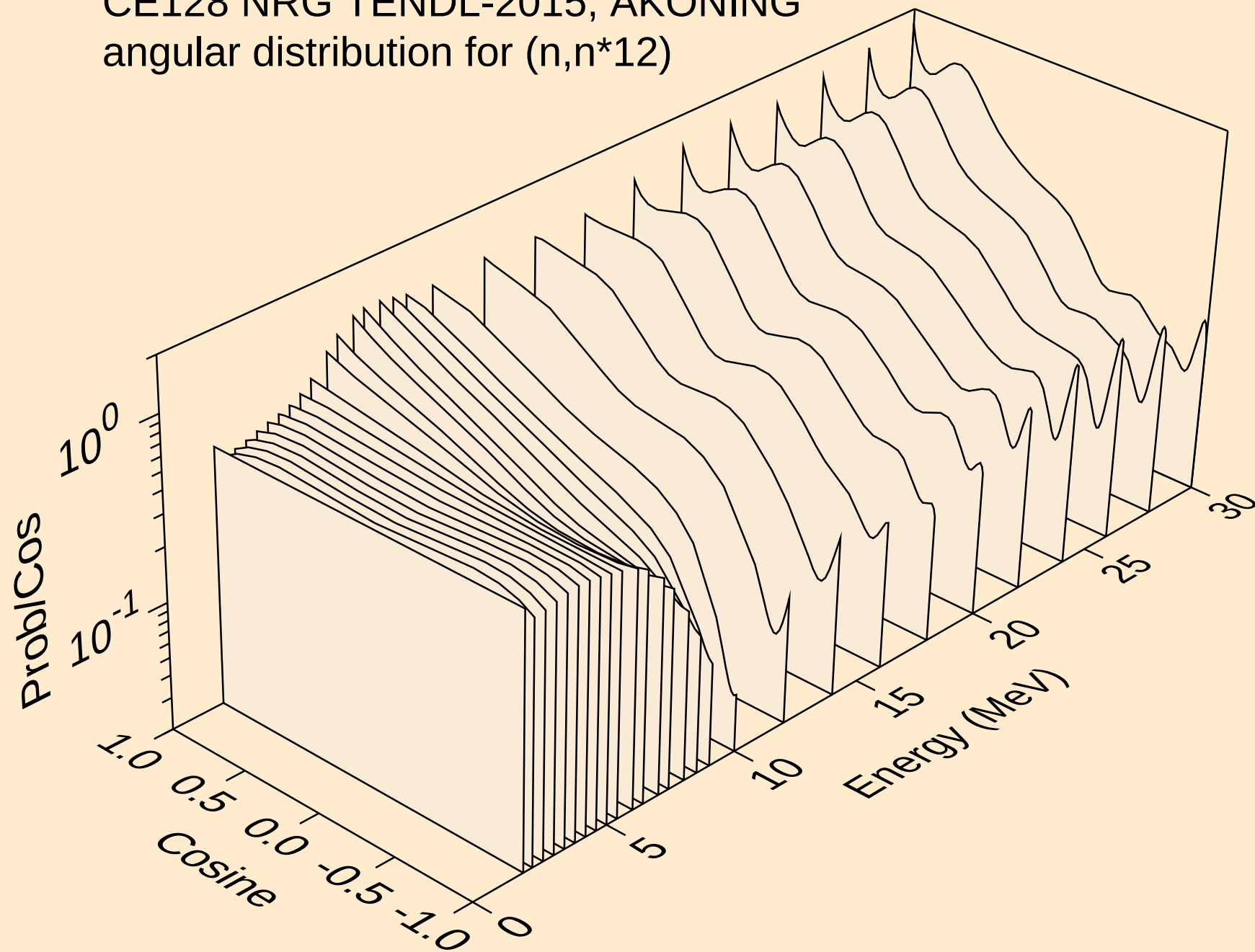
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



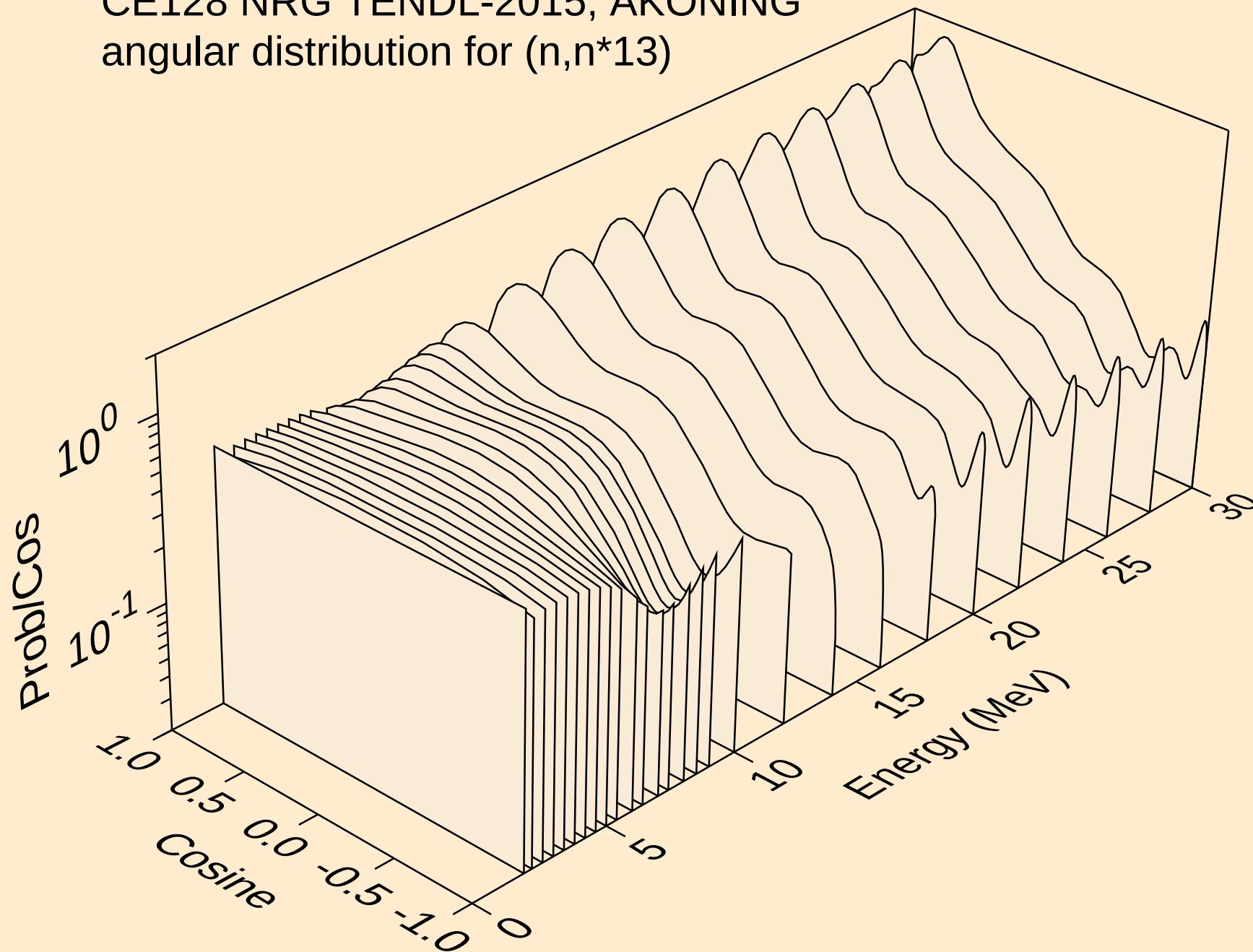
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



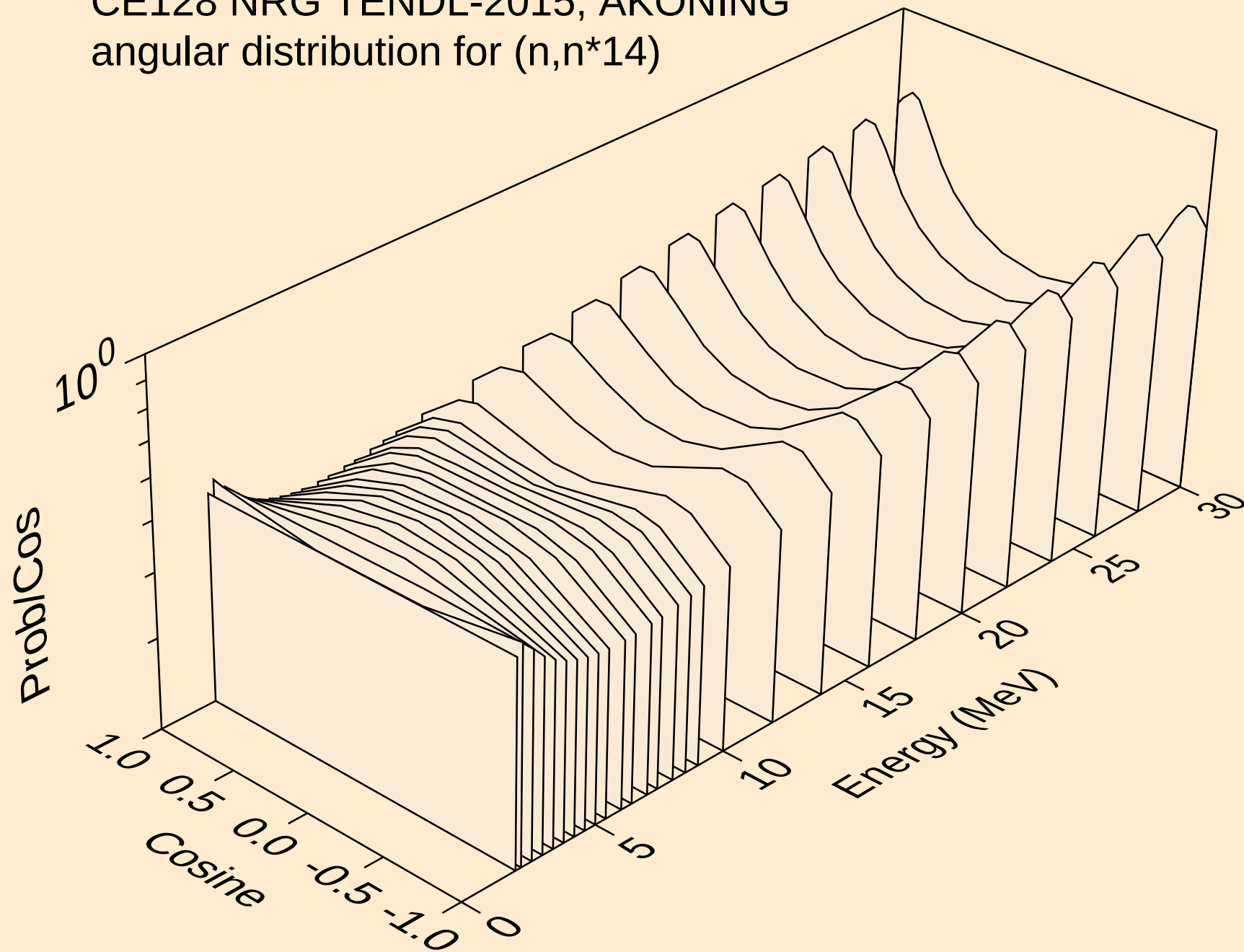
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



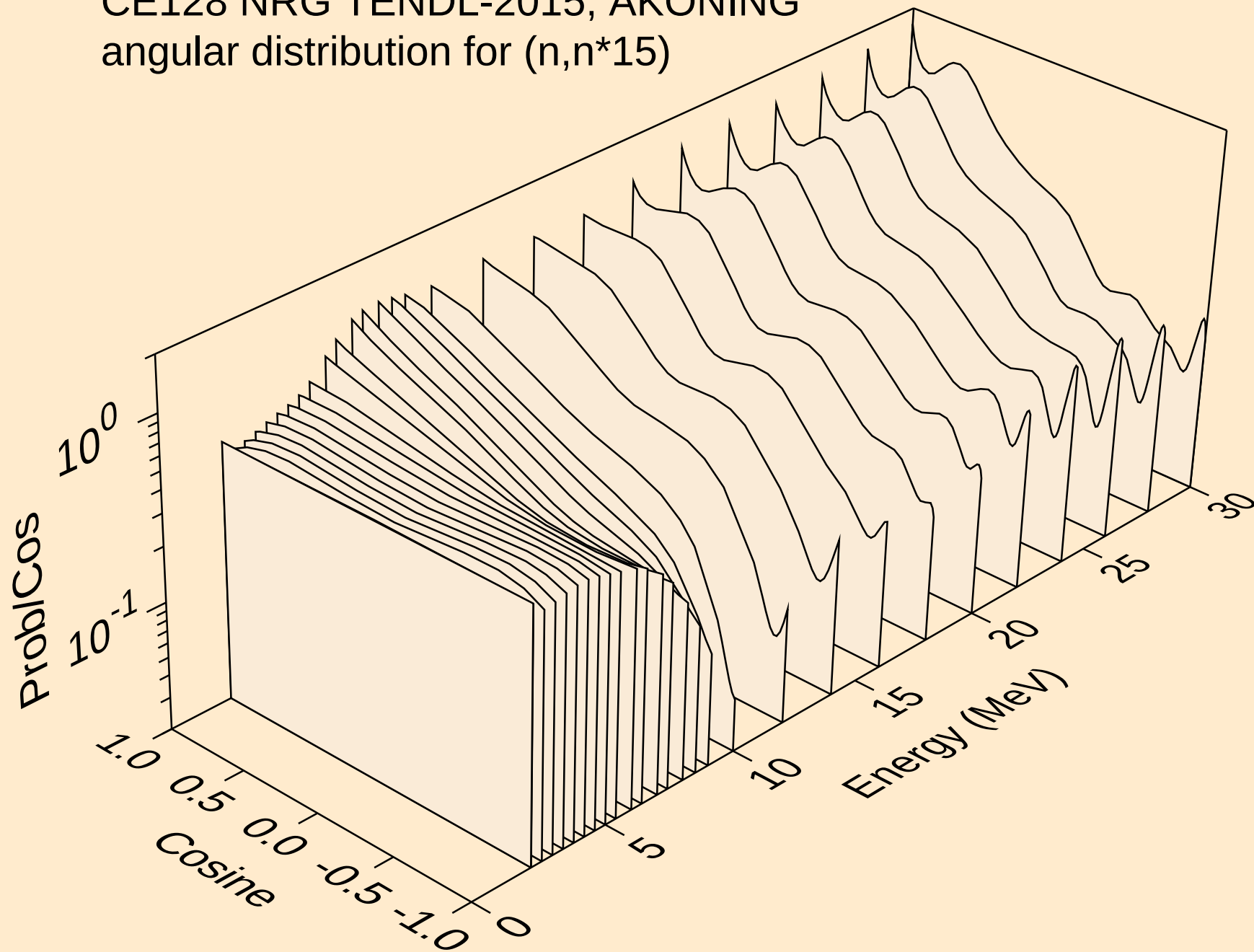
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

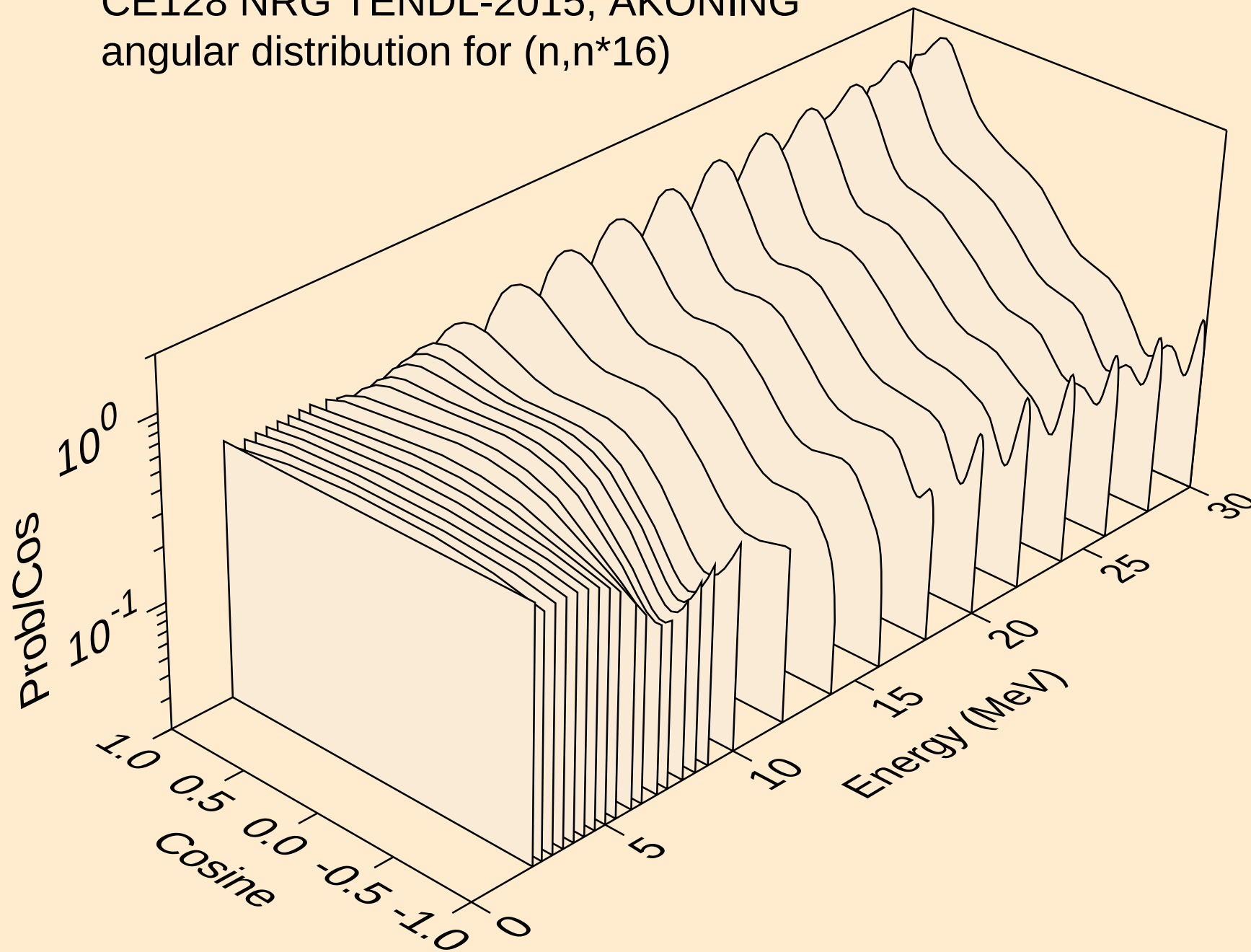


CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

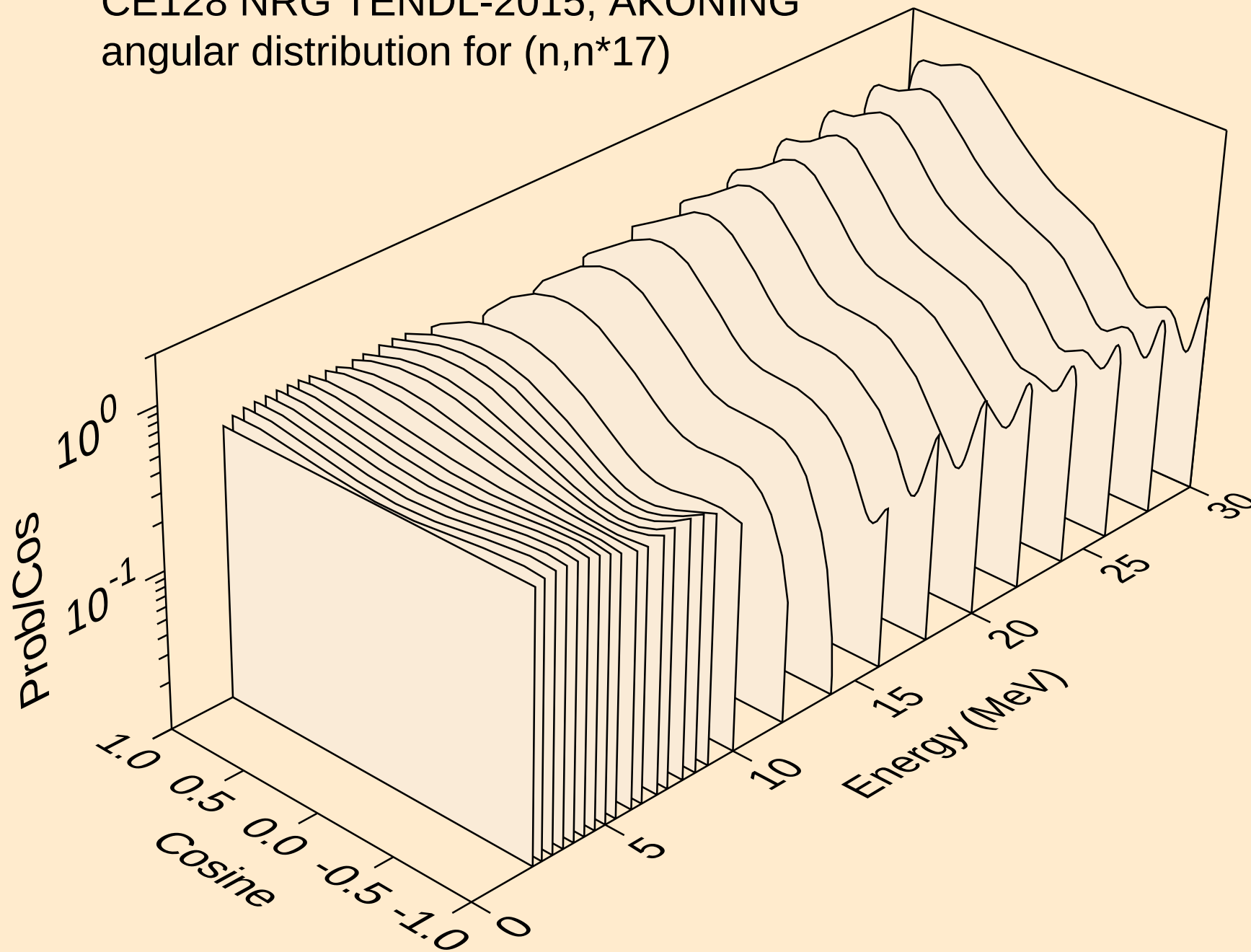




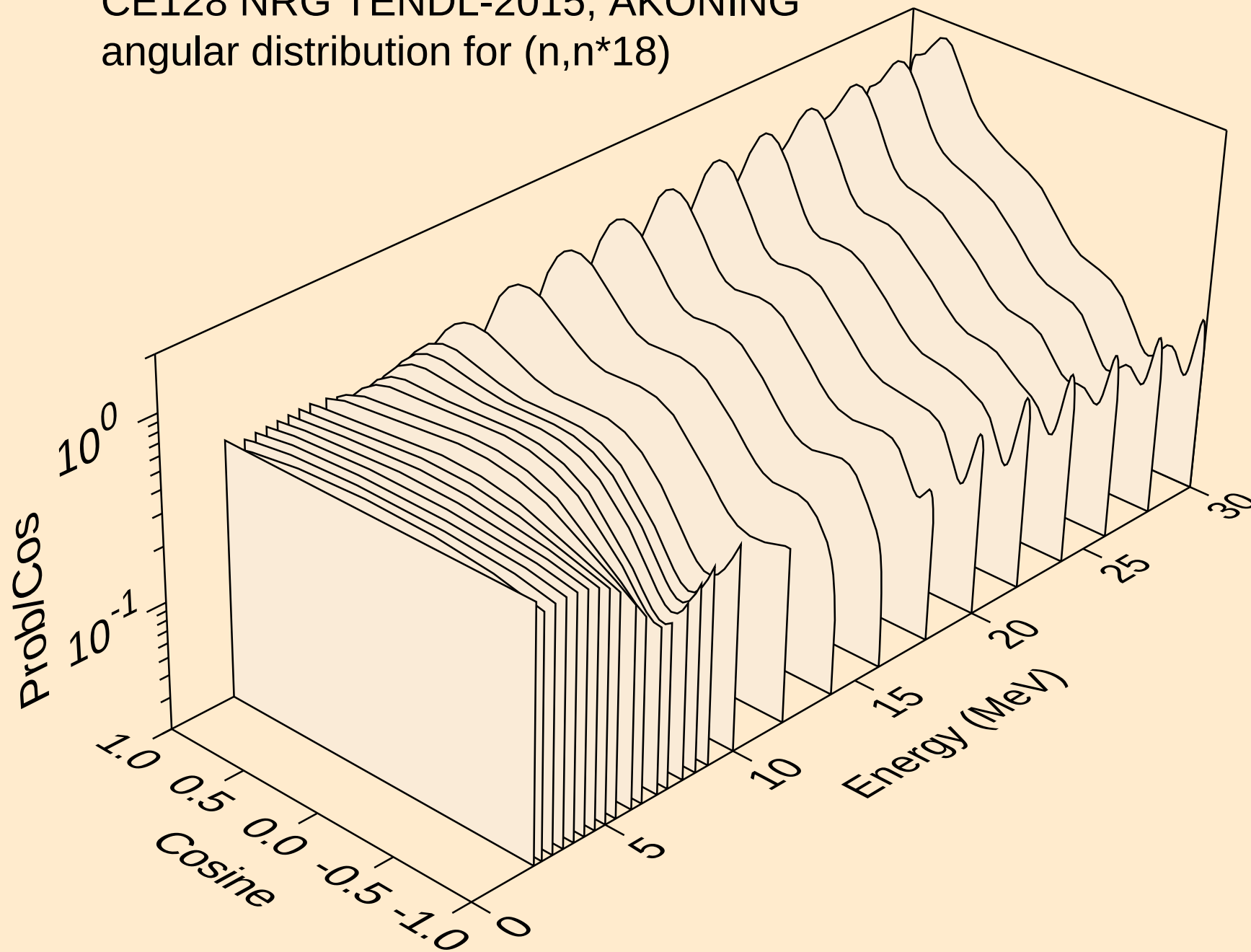
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



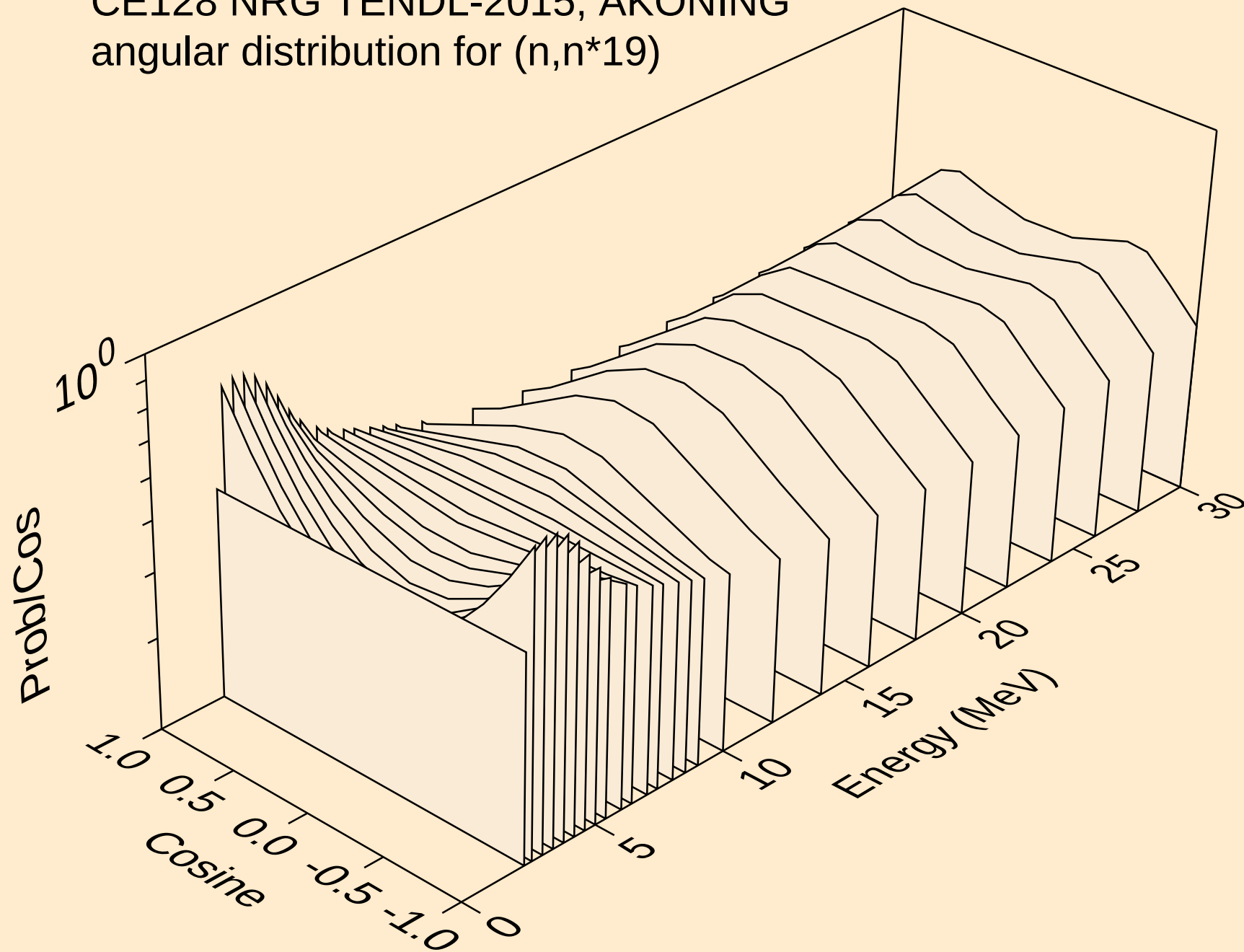
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



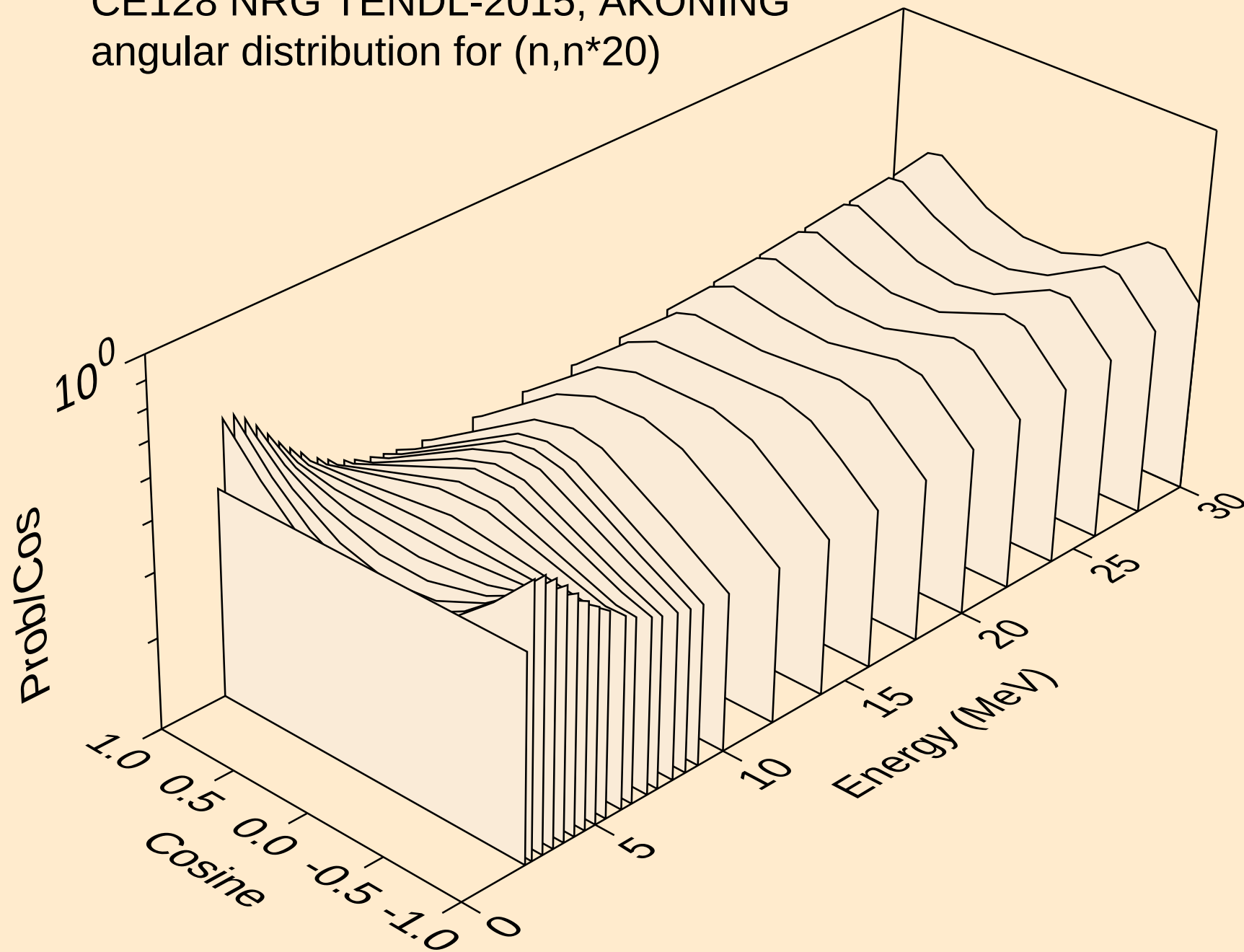
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



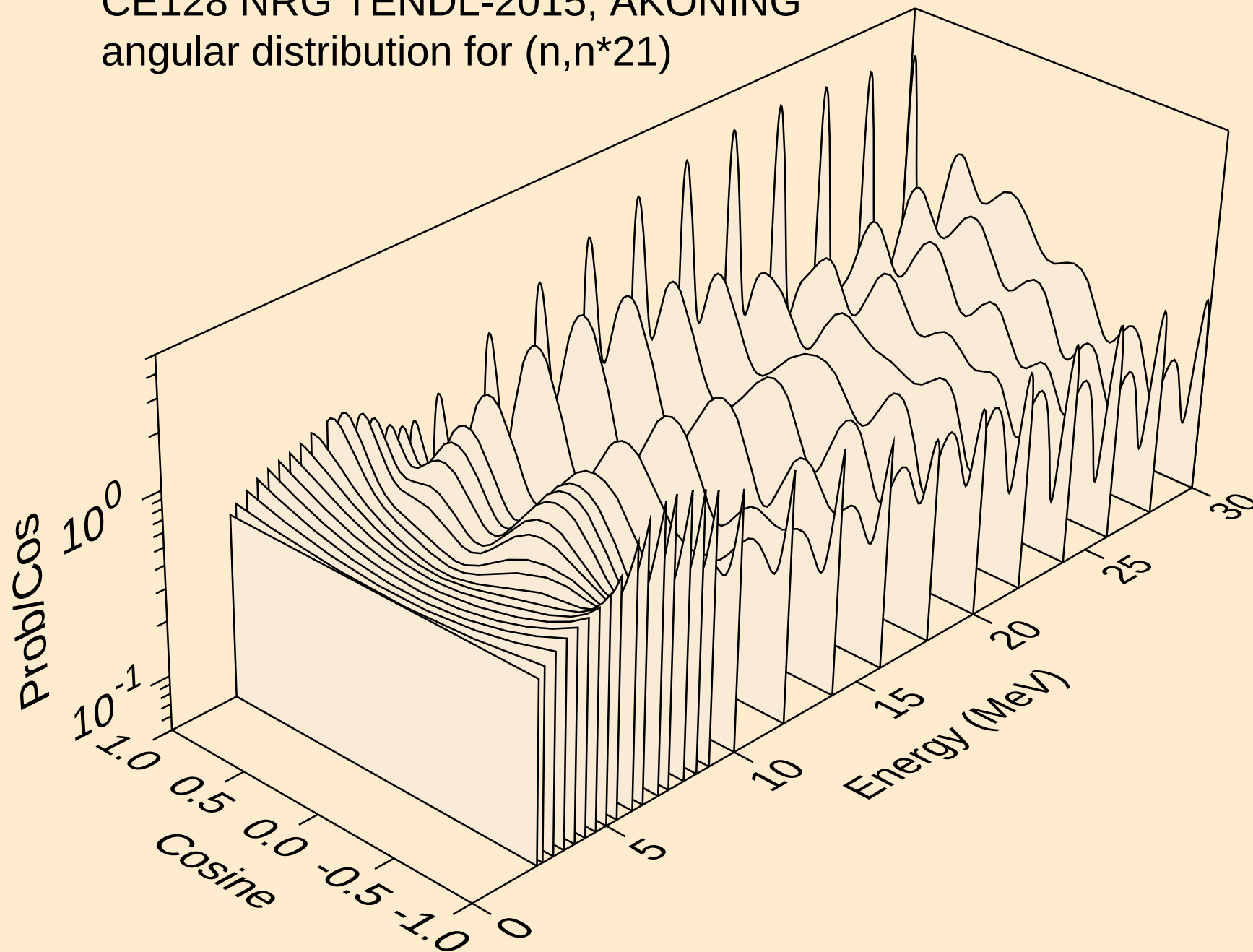
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



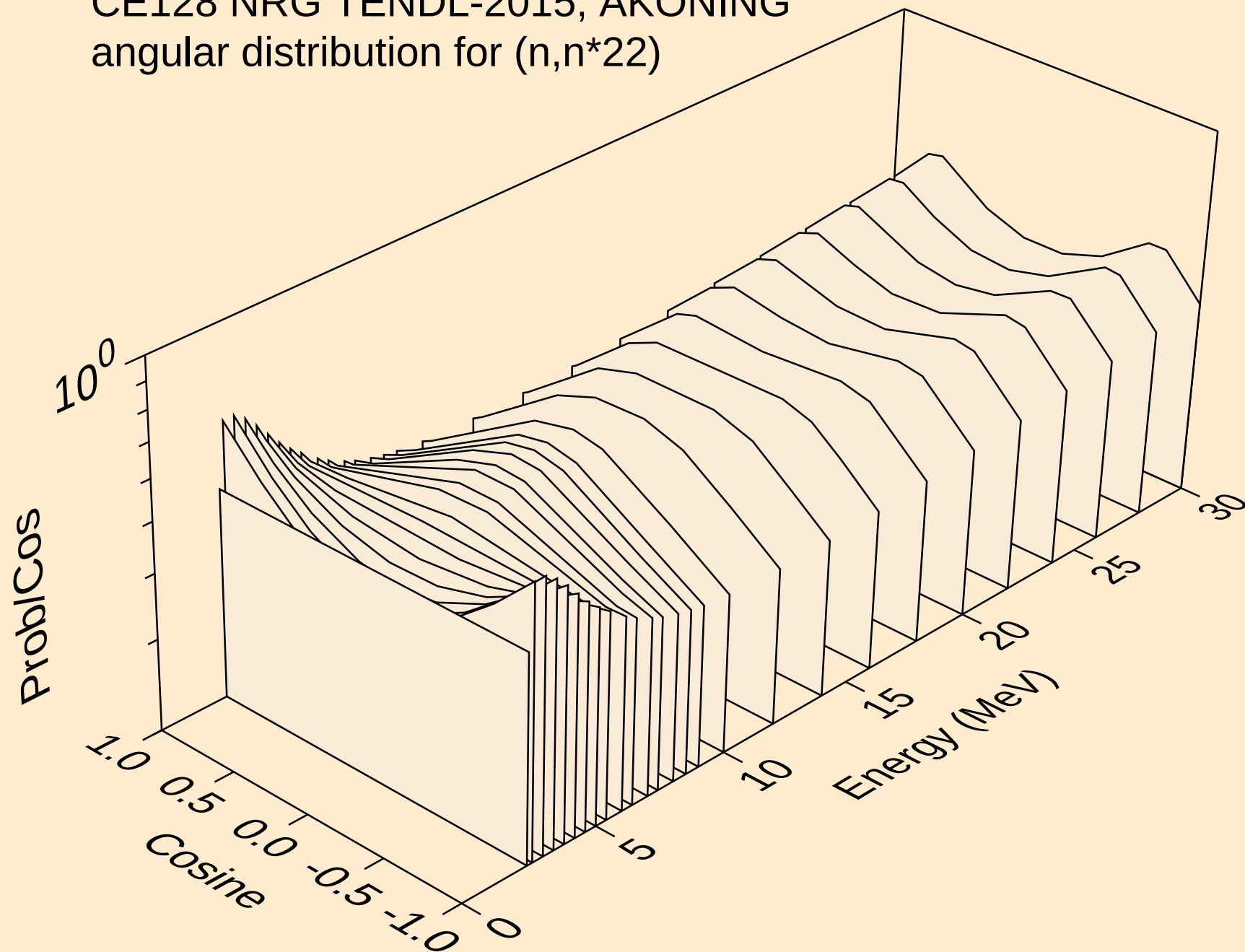
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



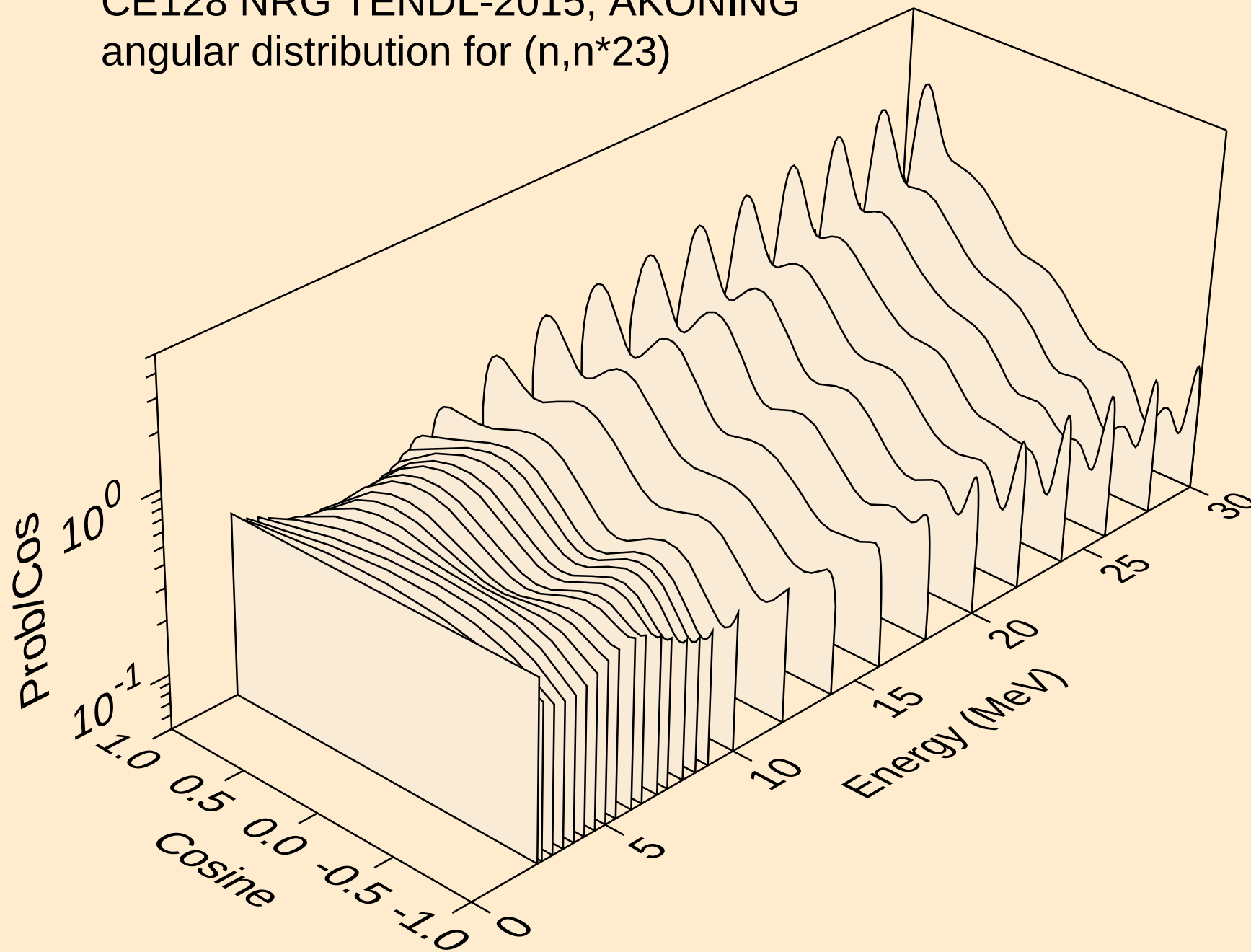
CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

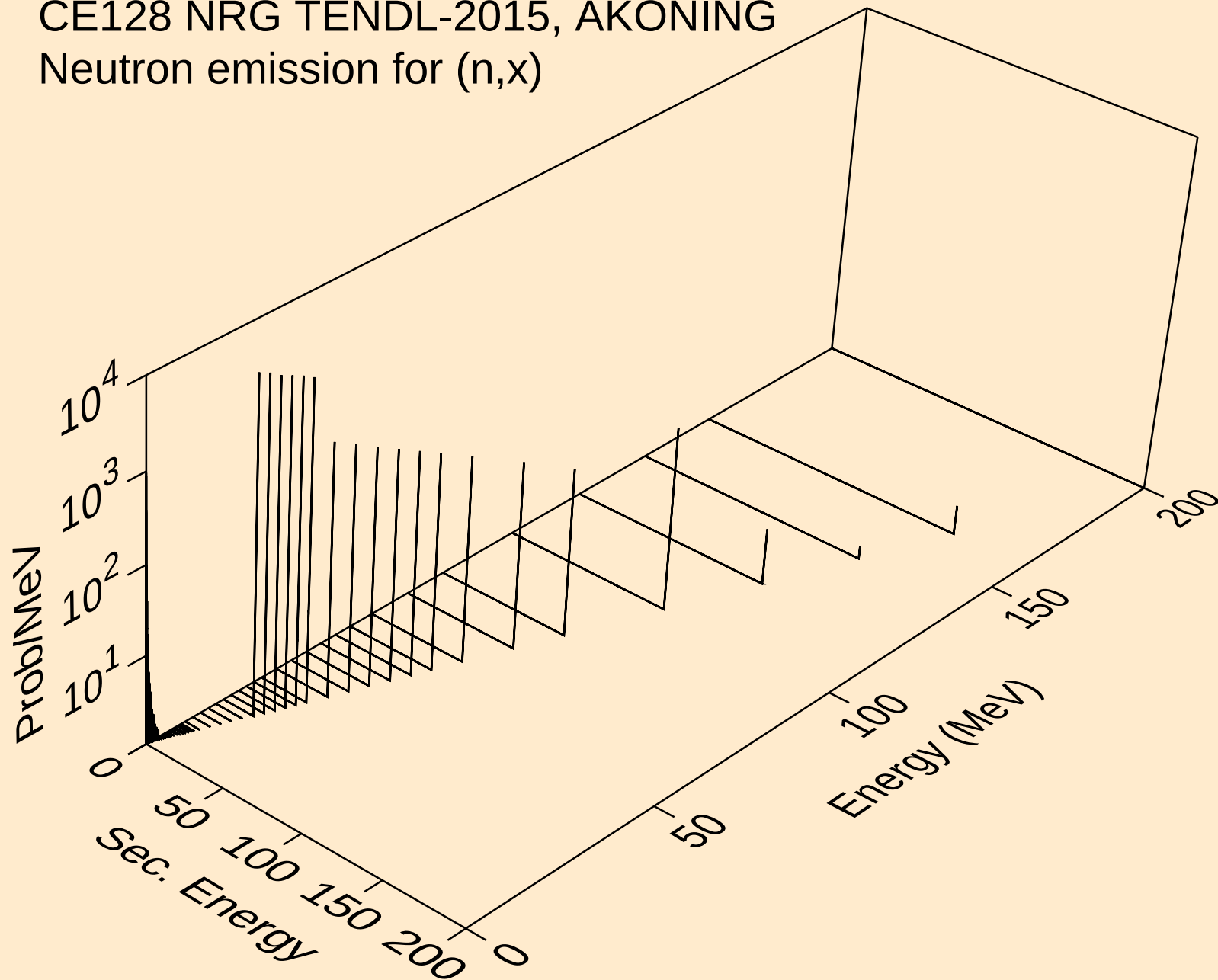


CE128 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

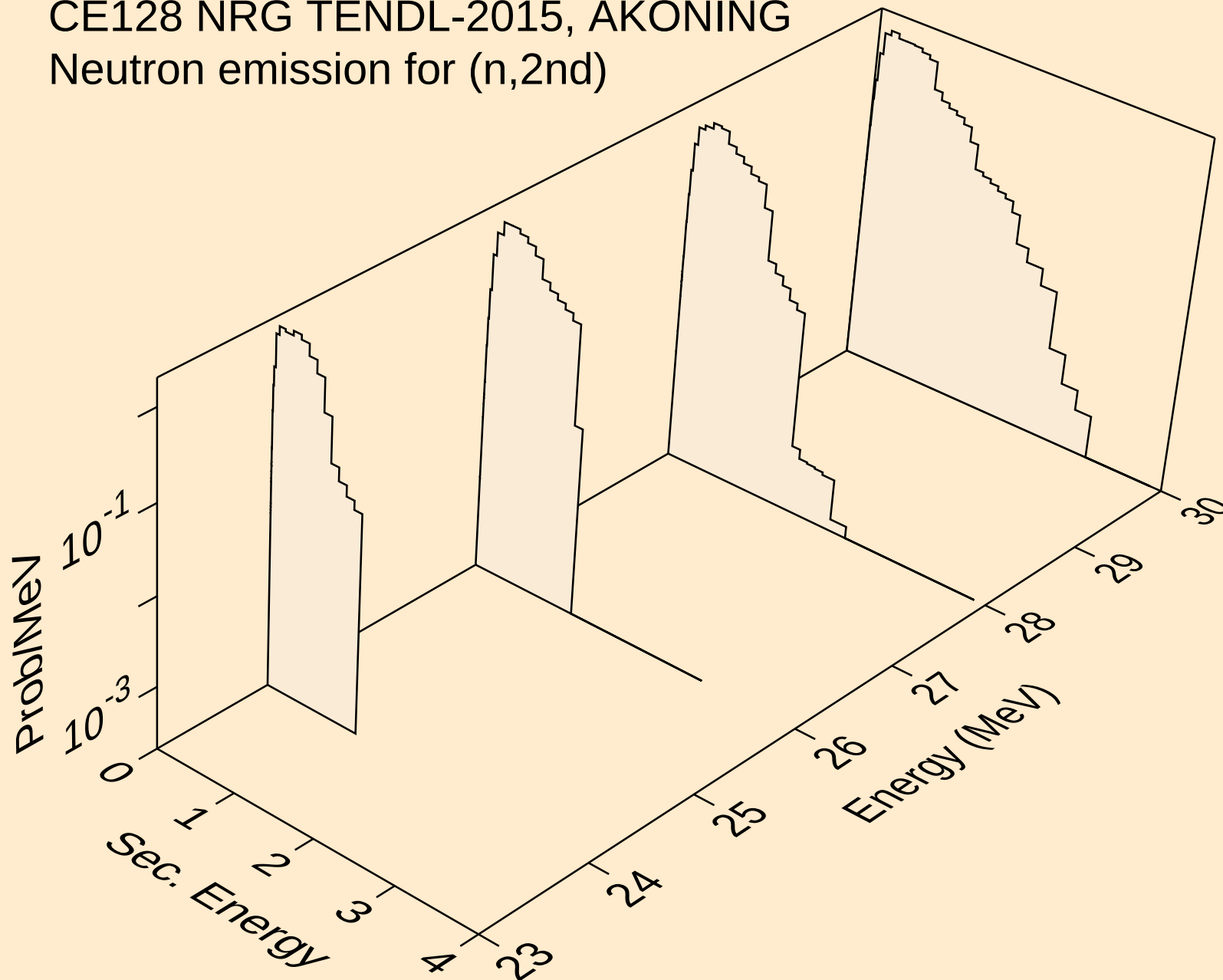




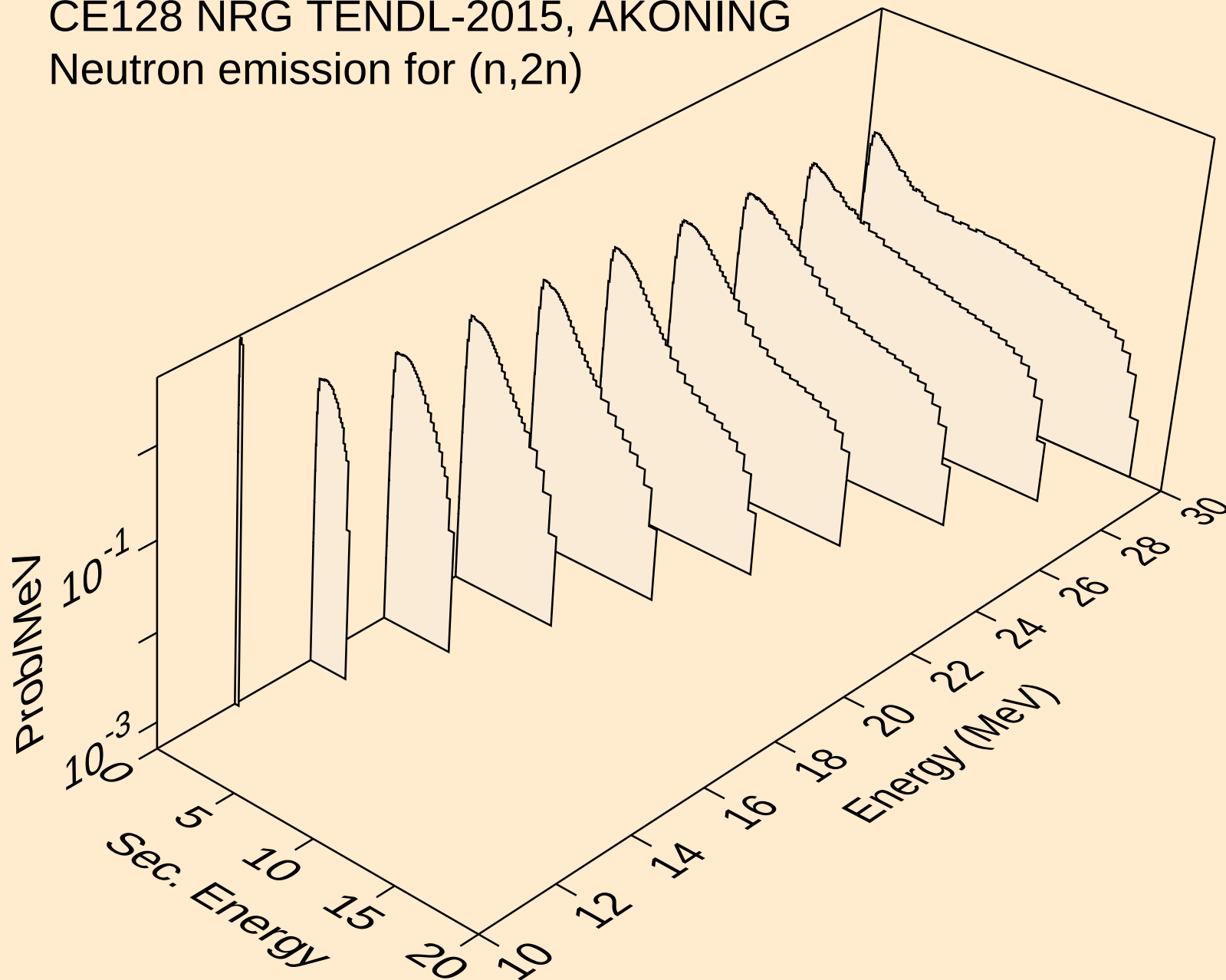
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



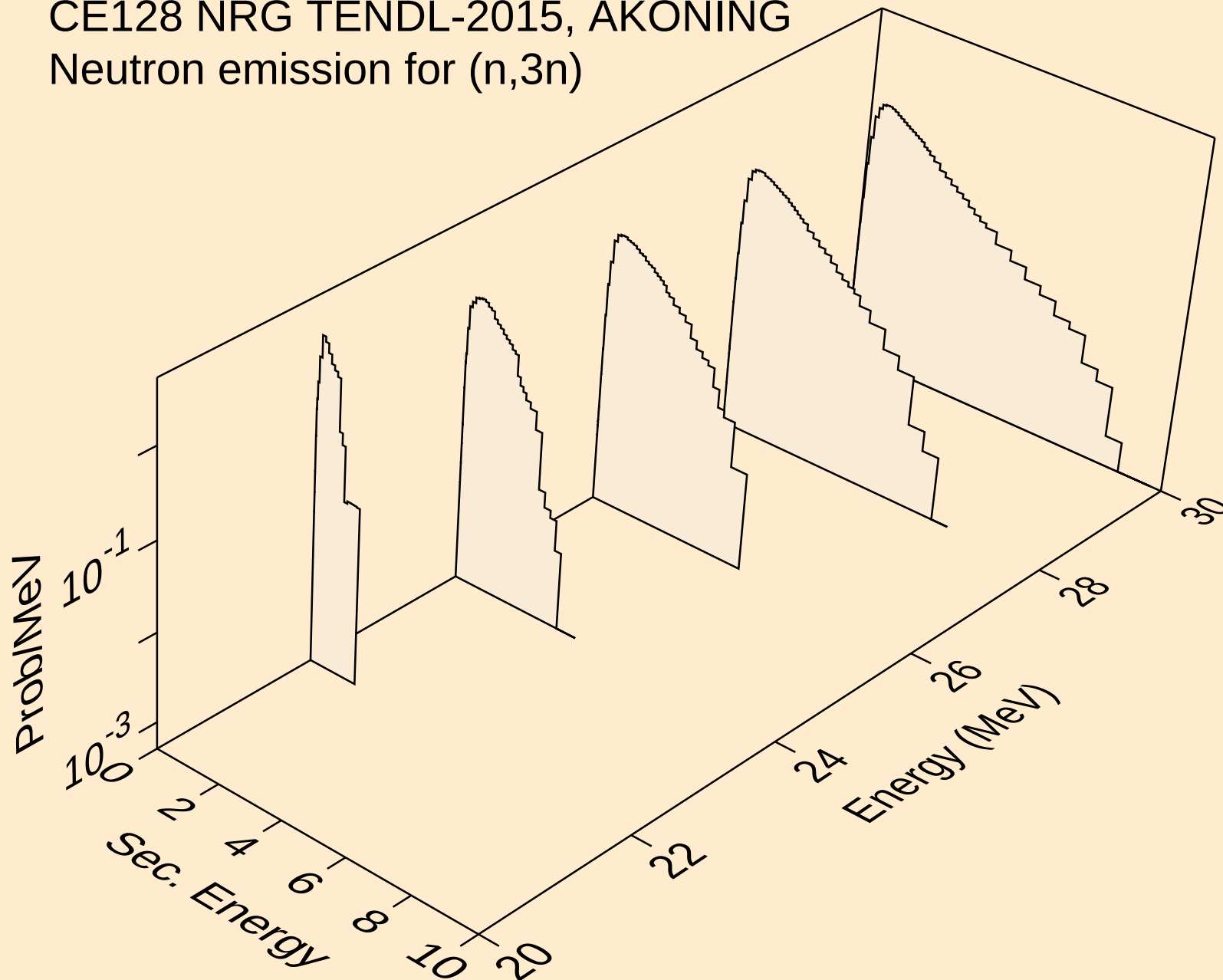
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



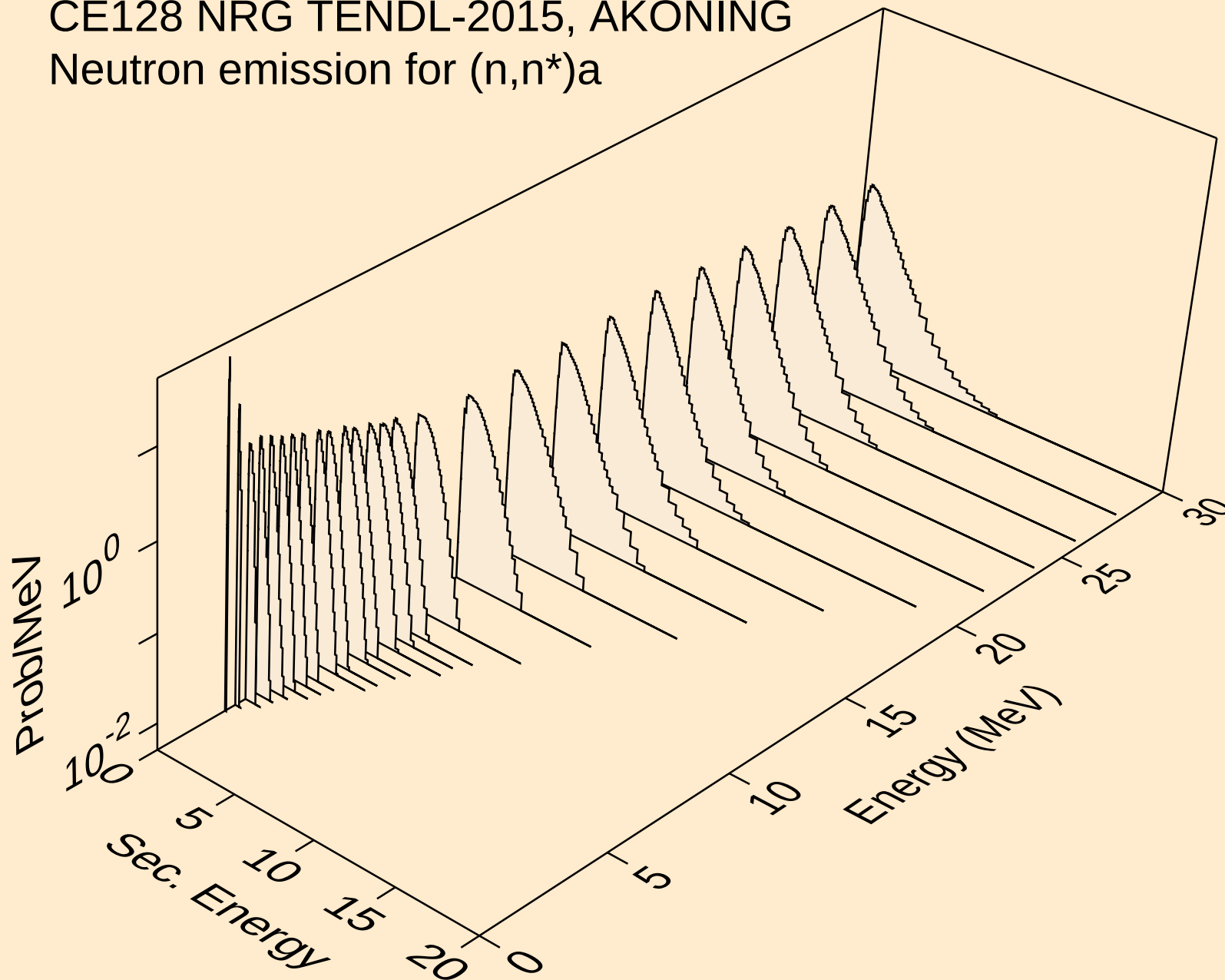
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



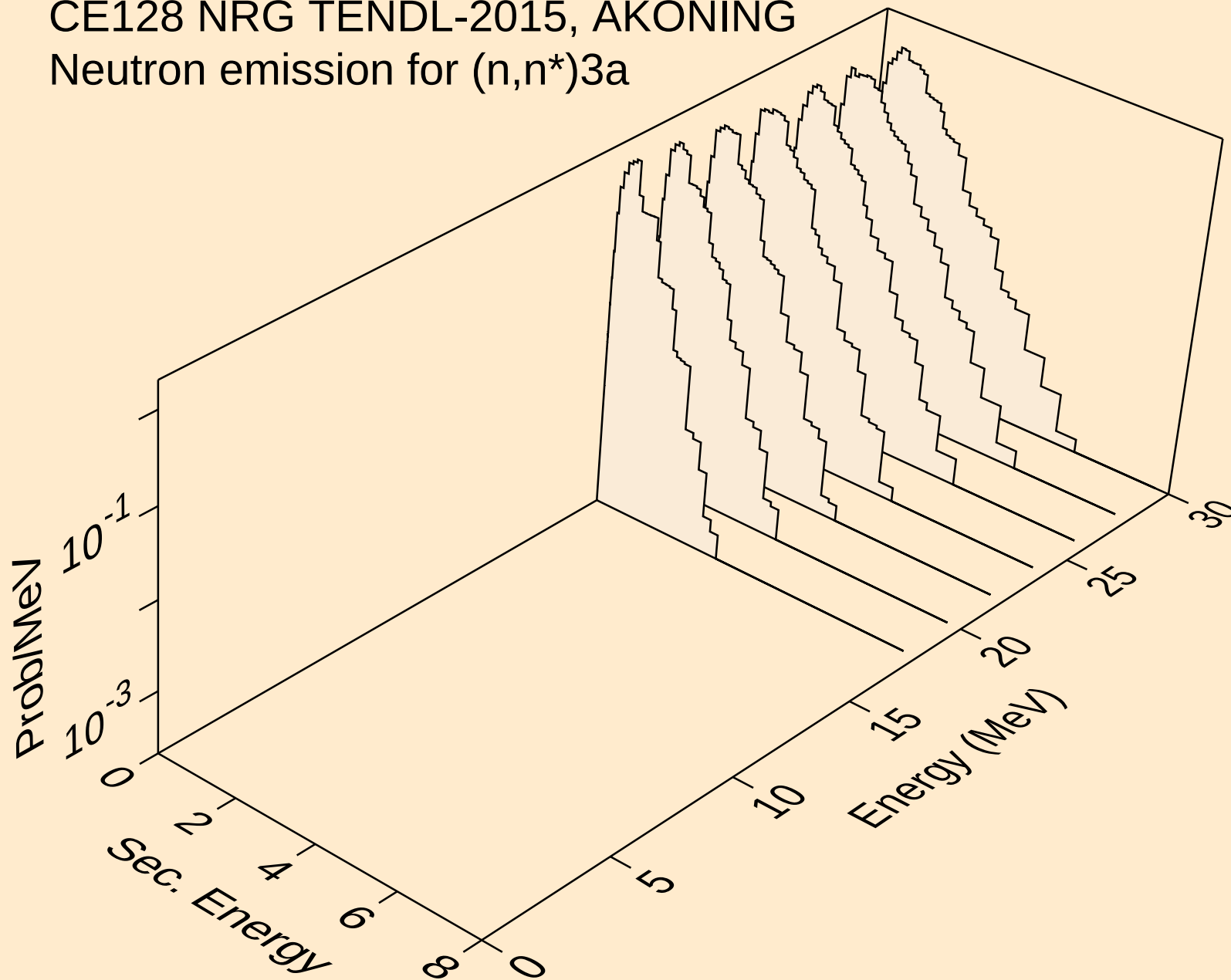
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



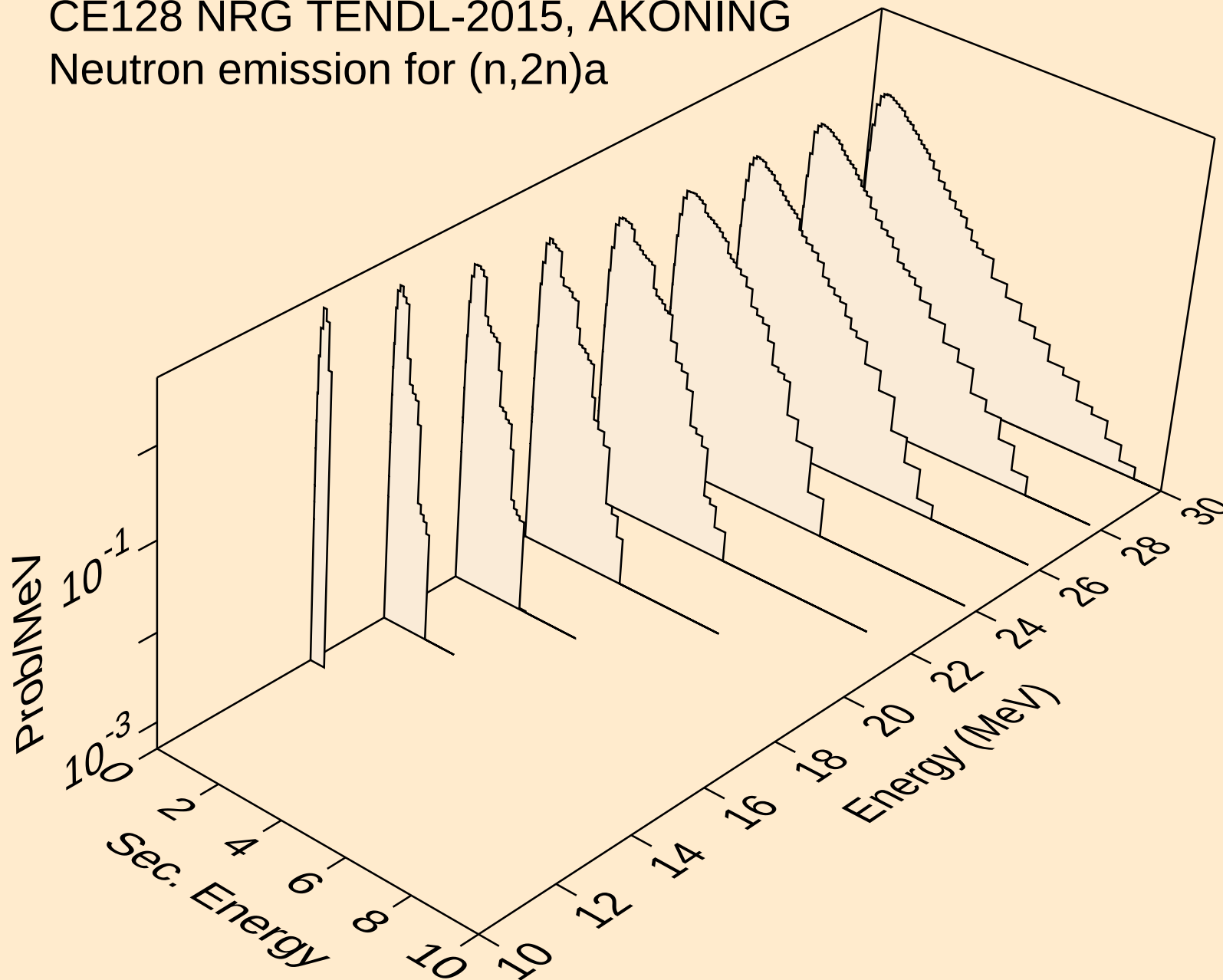
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



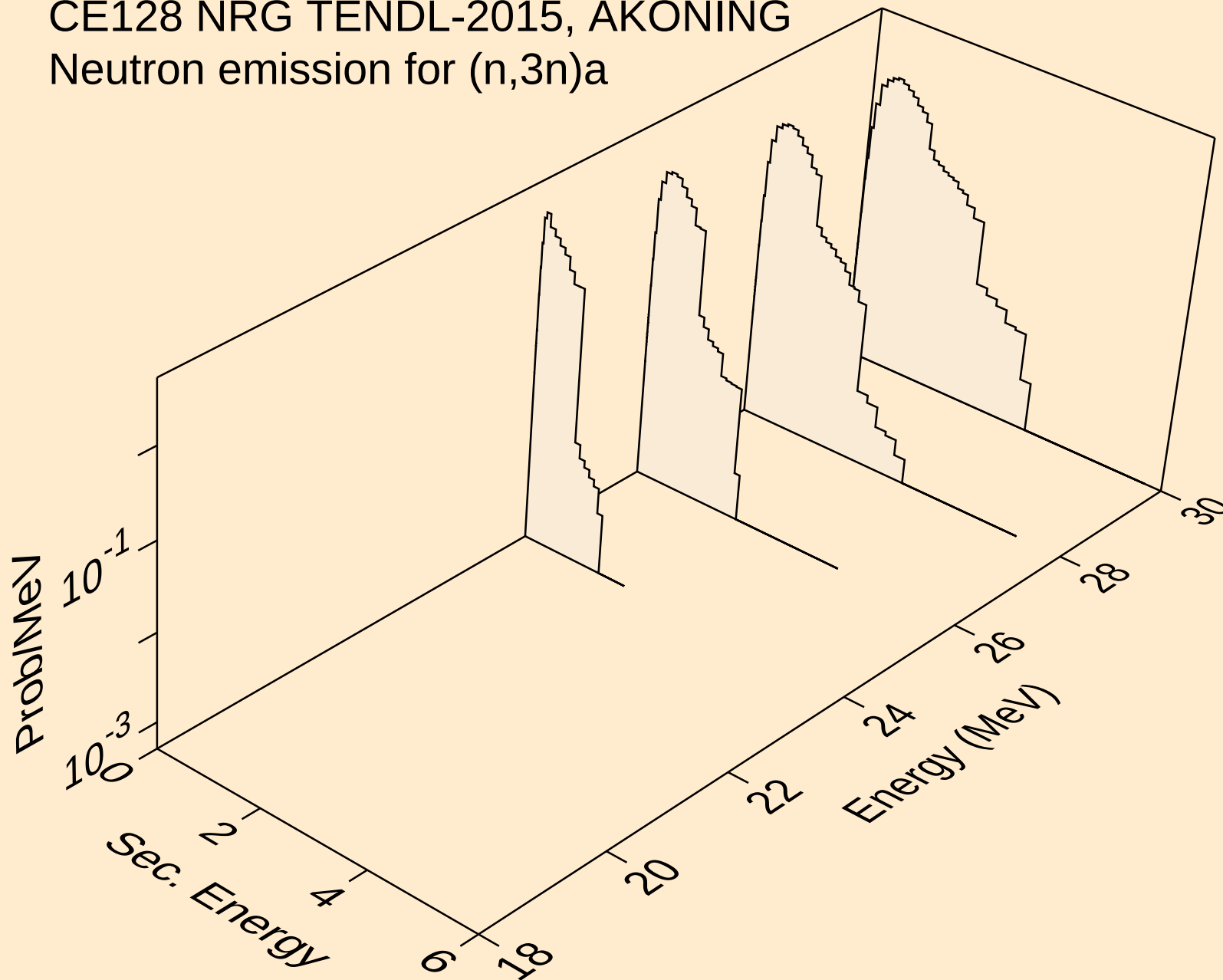
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

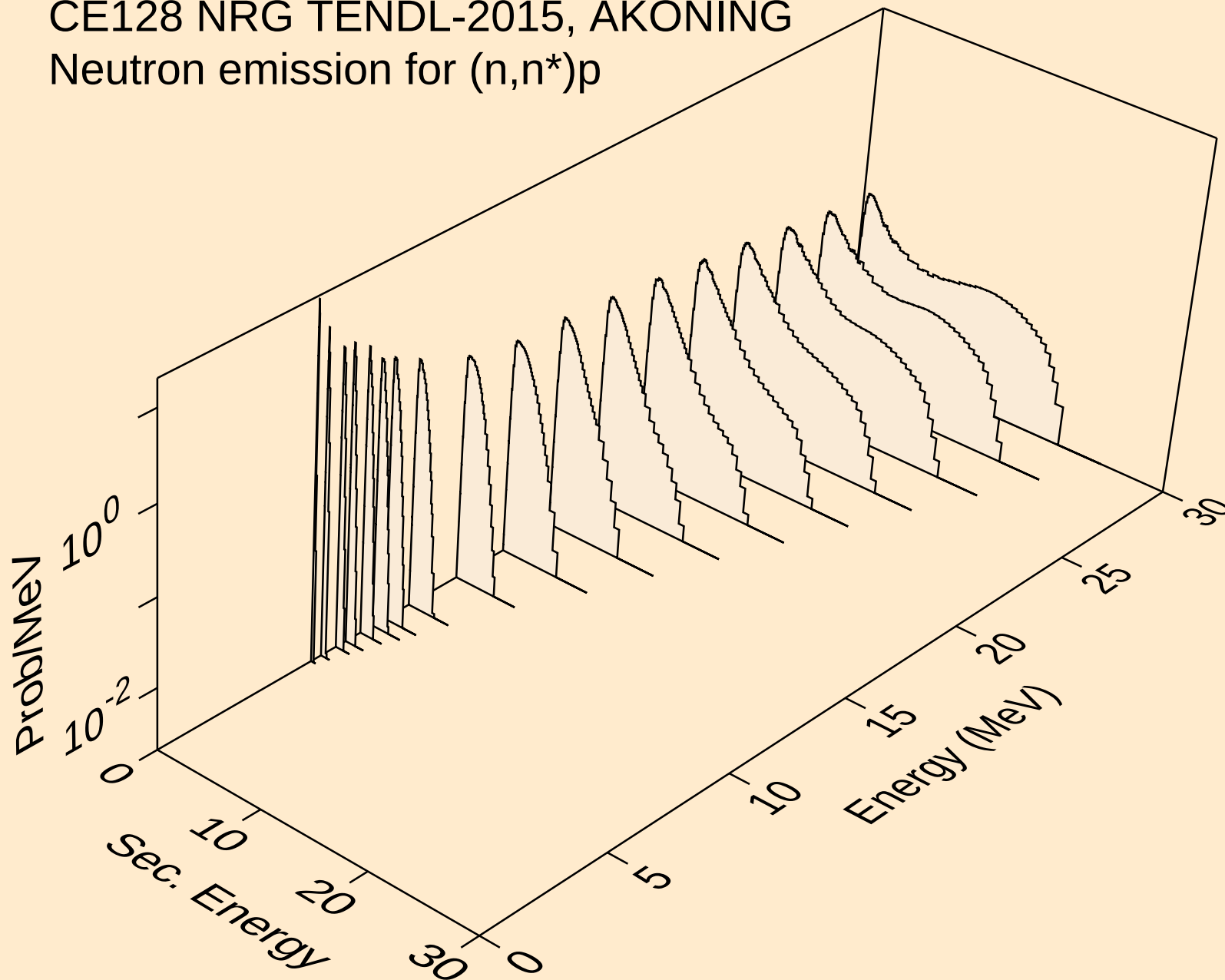


CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

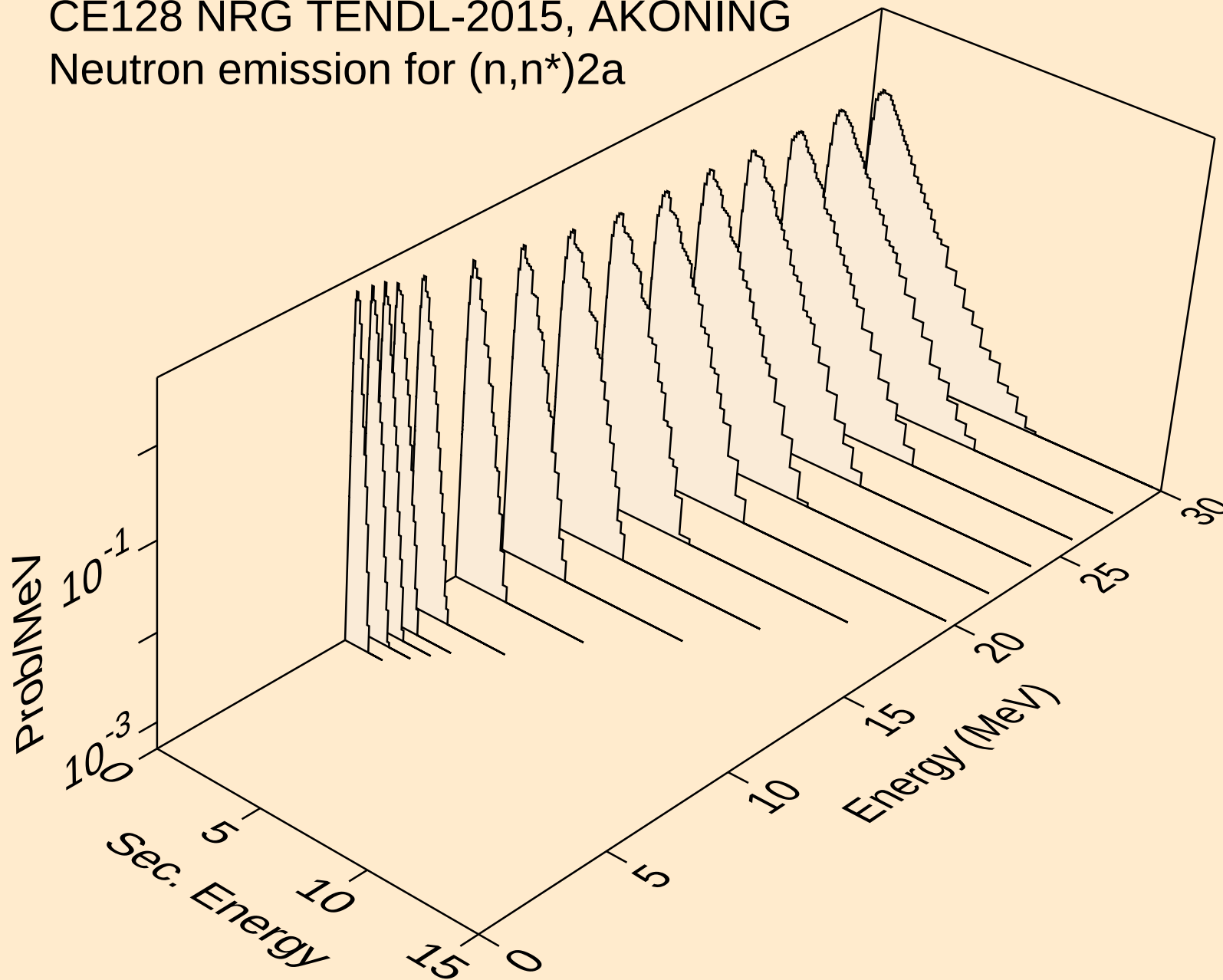




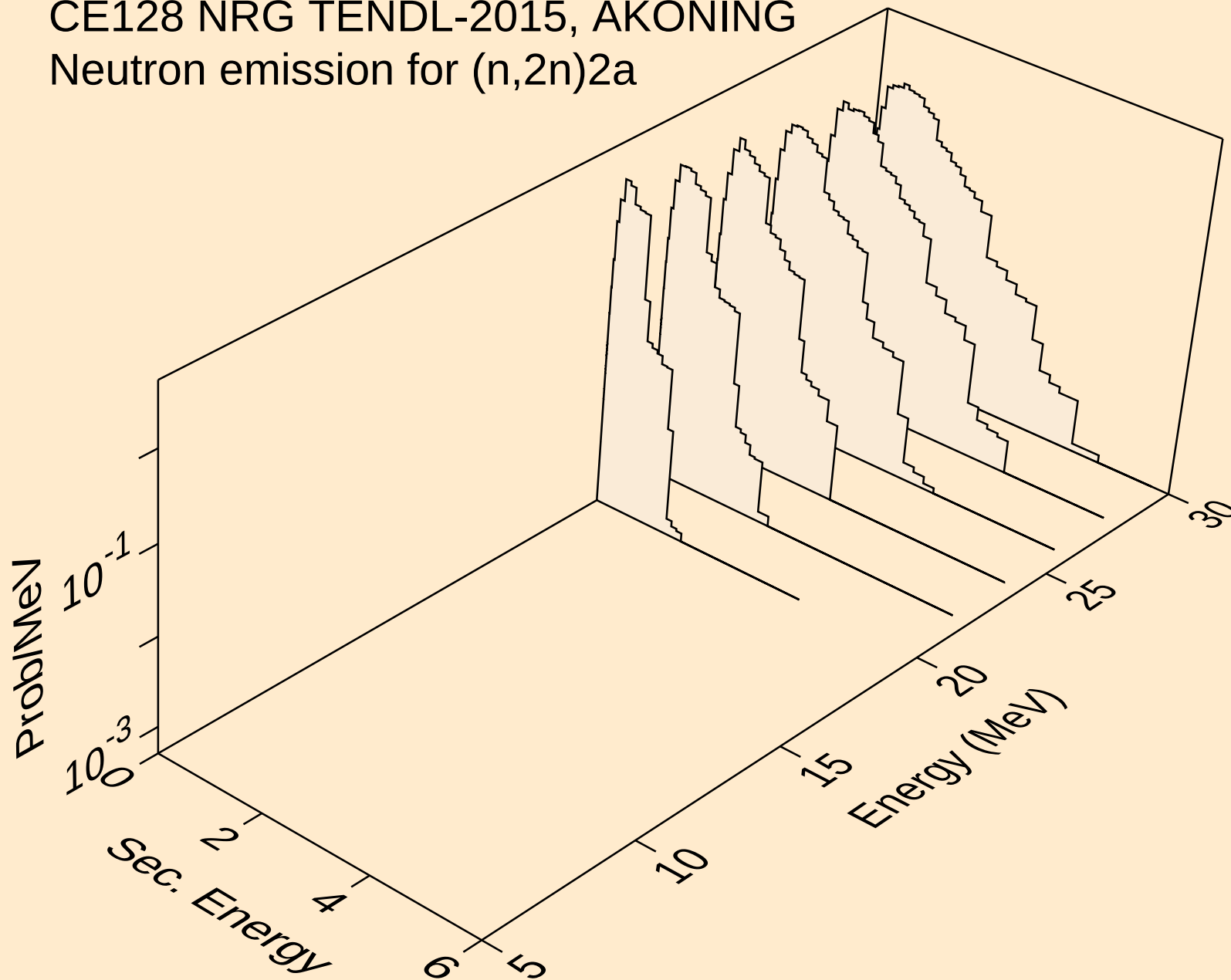
CE128 NRG TENDL-2015, AKONING  
Neutron emission for  $(n,n^*)p$



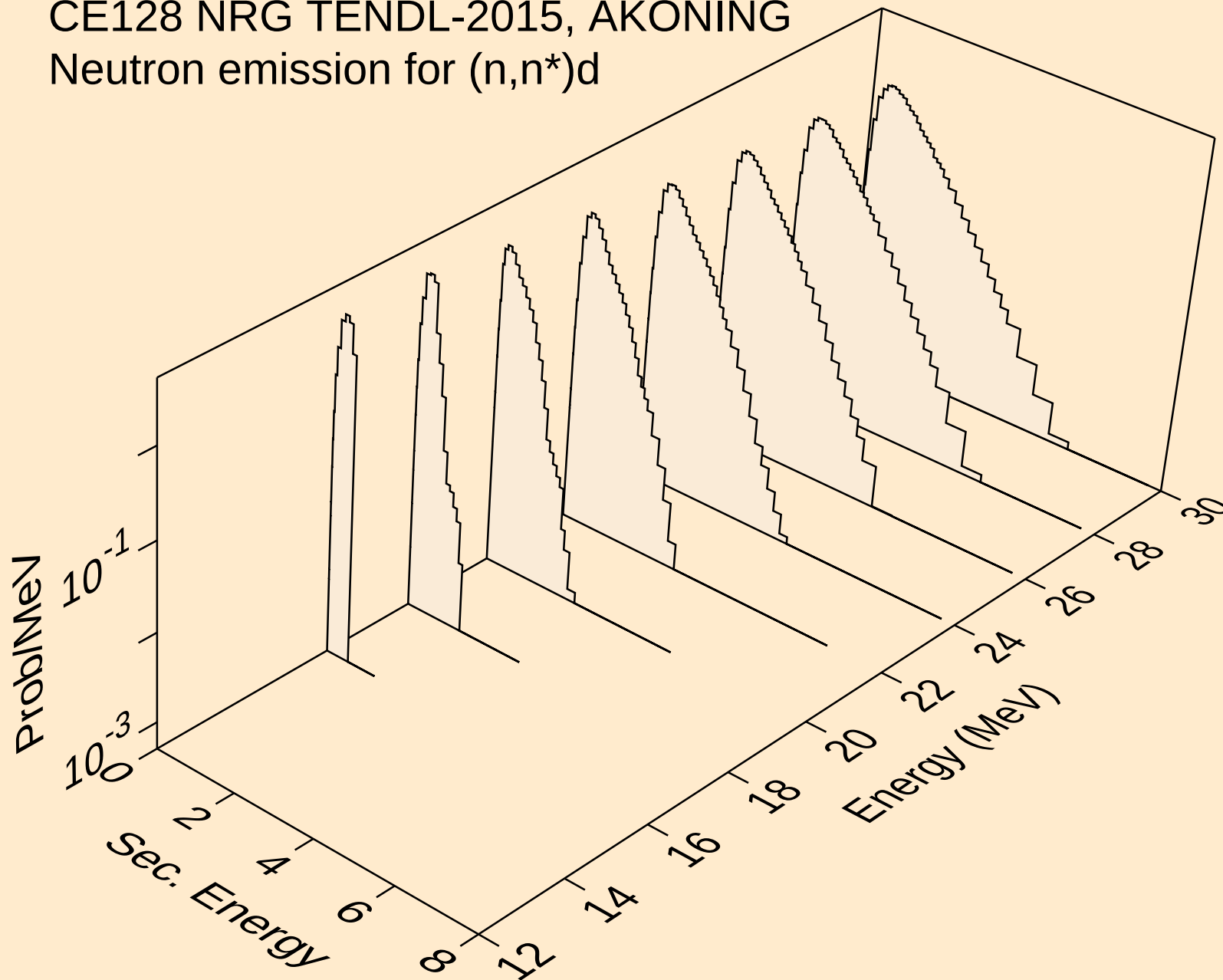
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



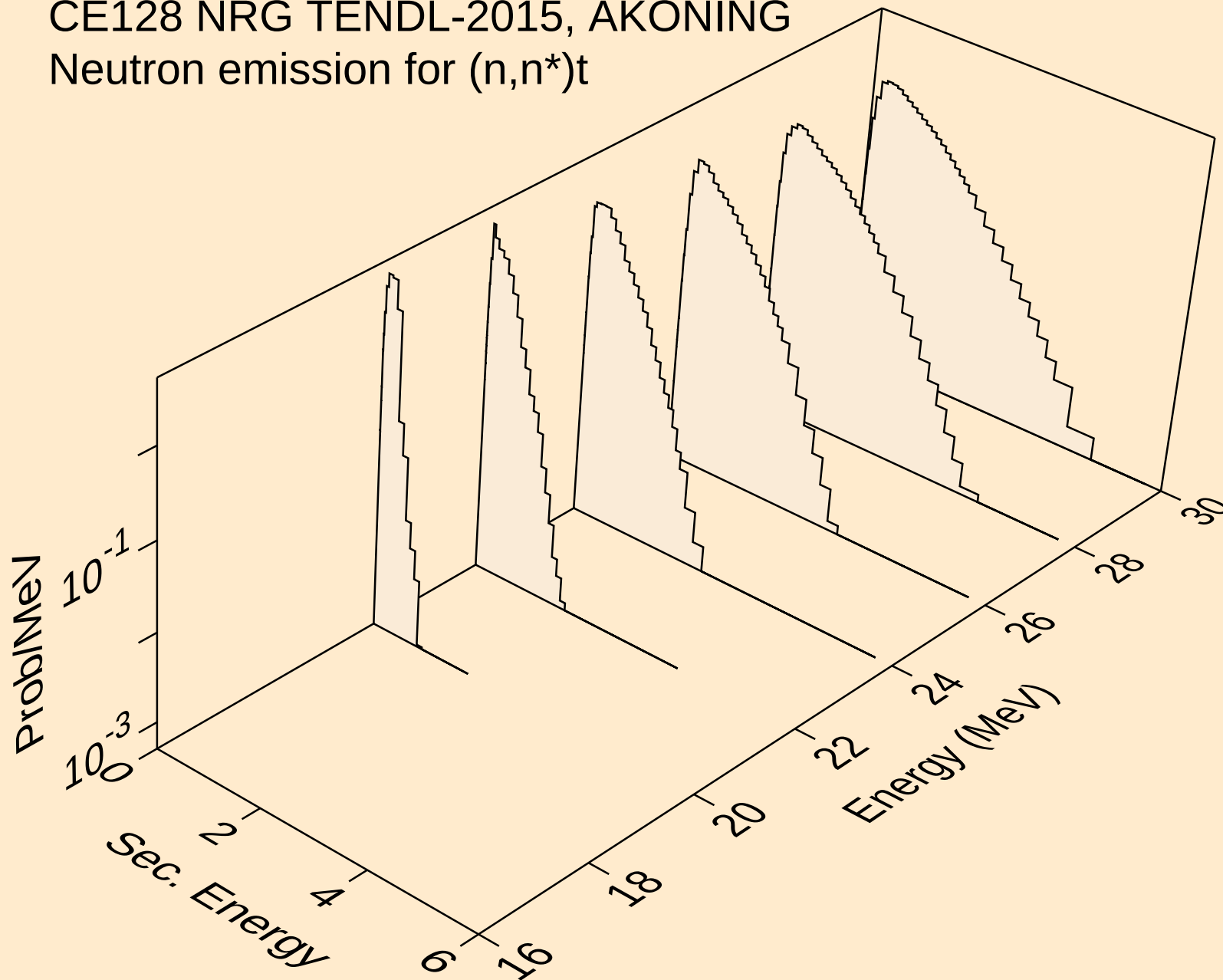
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



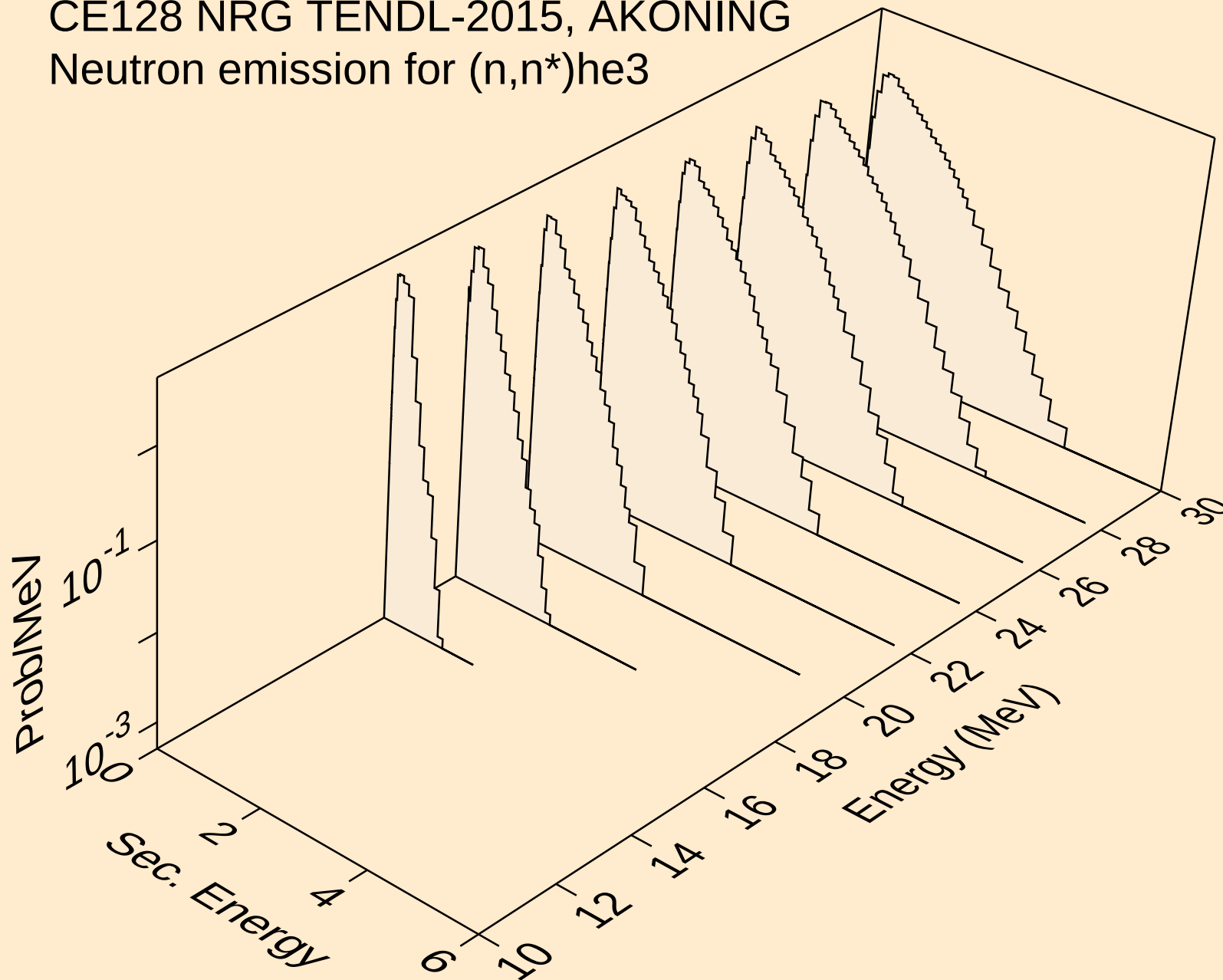
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



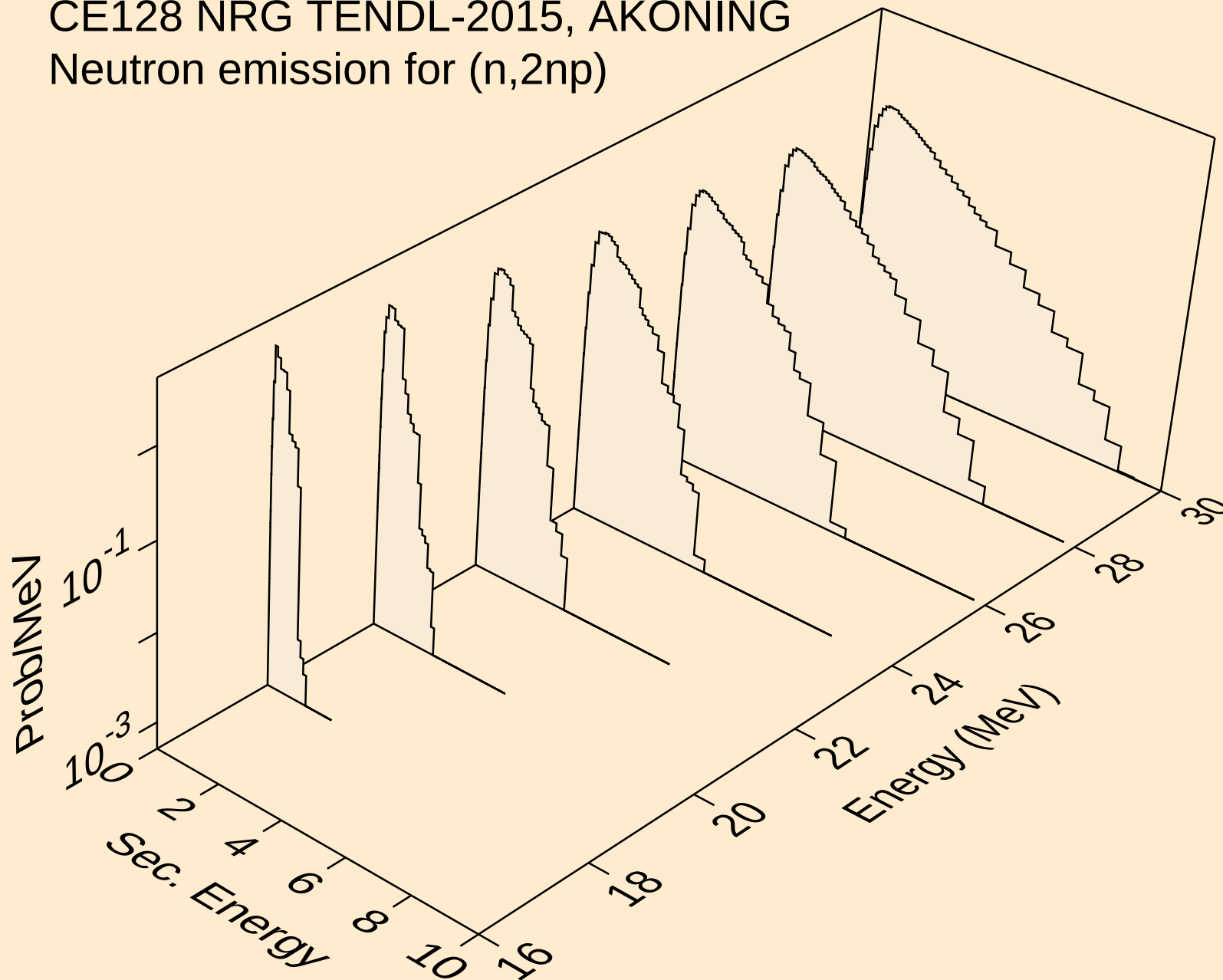
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



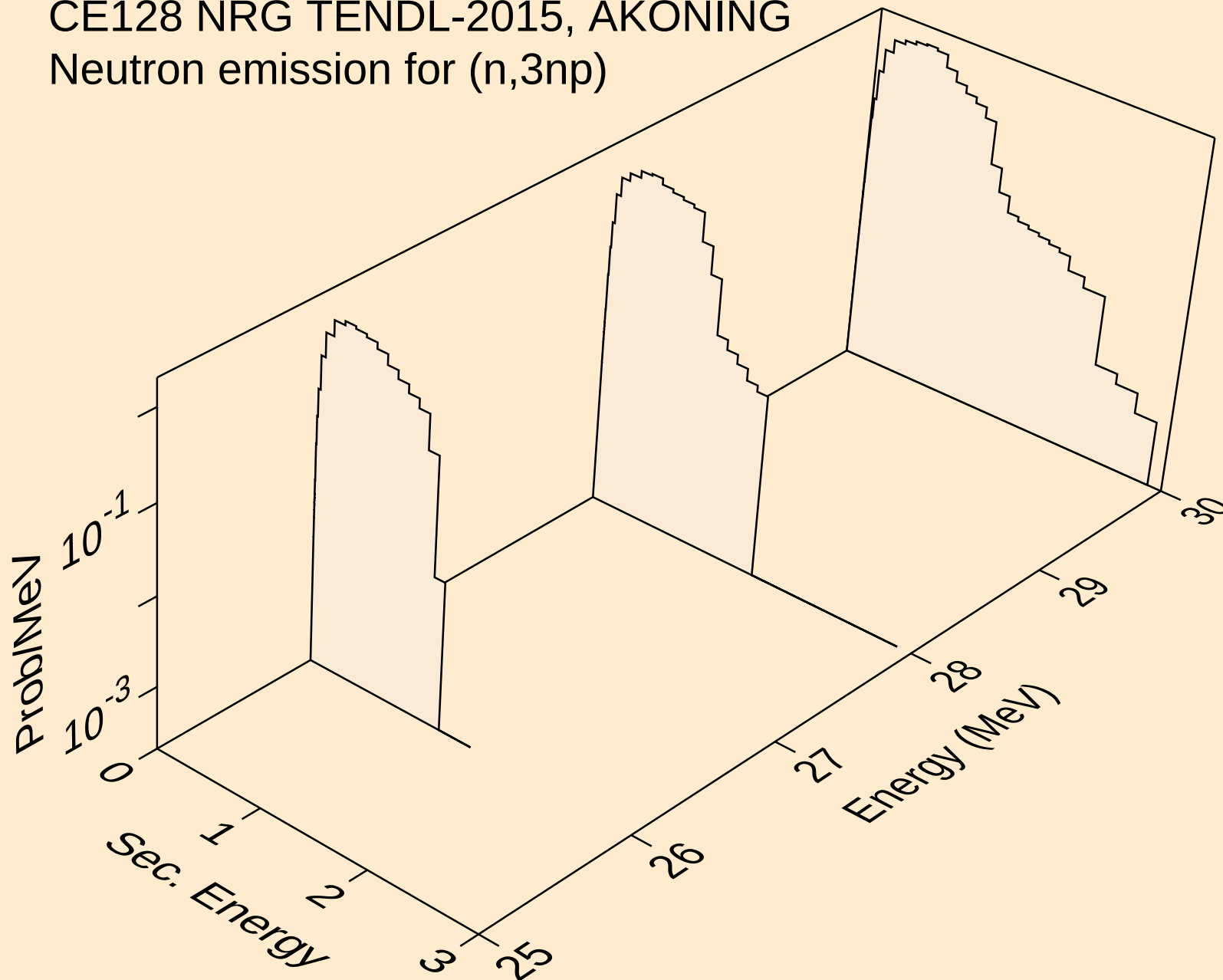
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

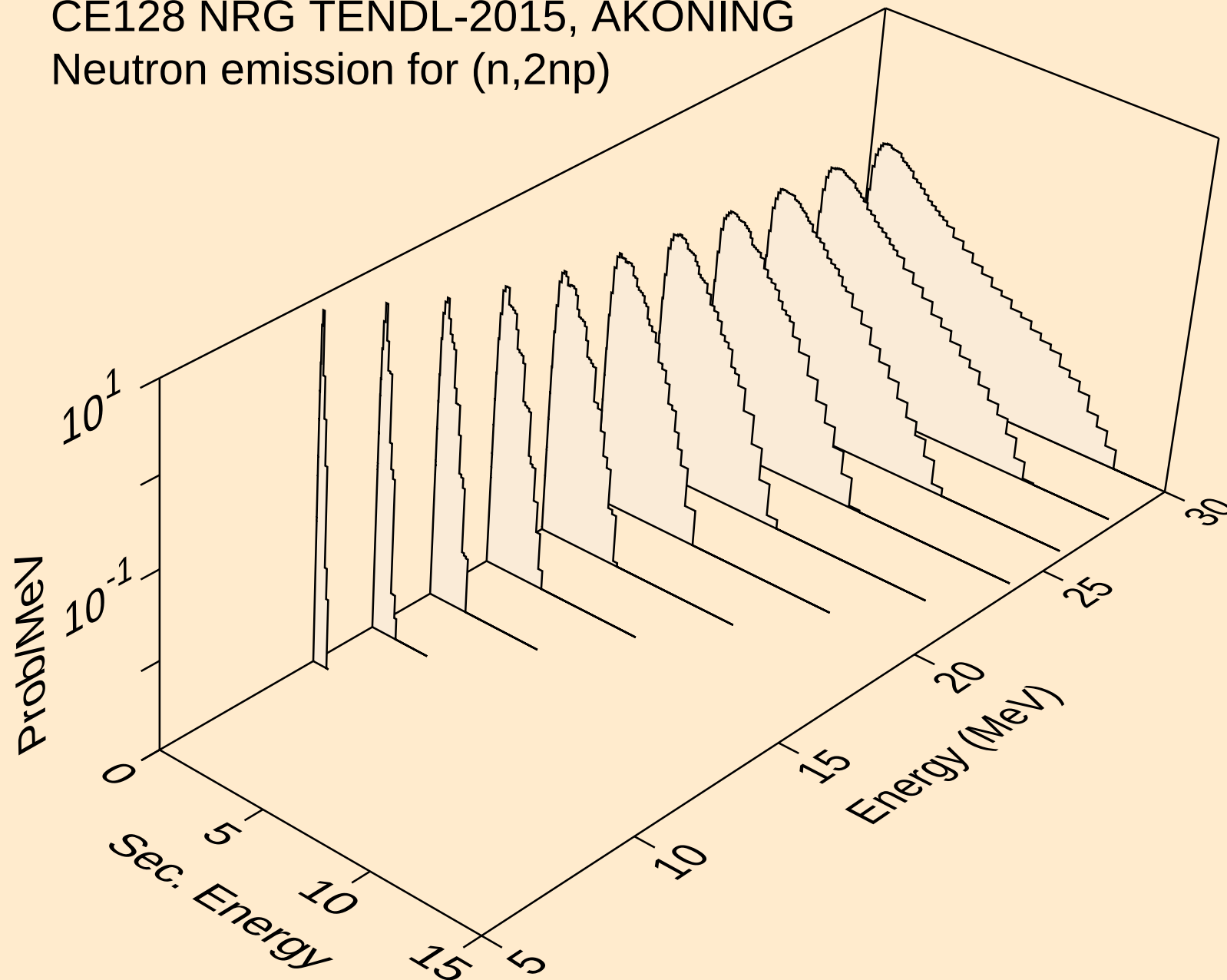


CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

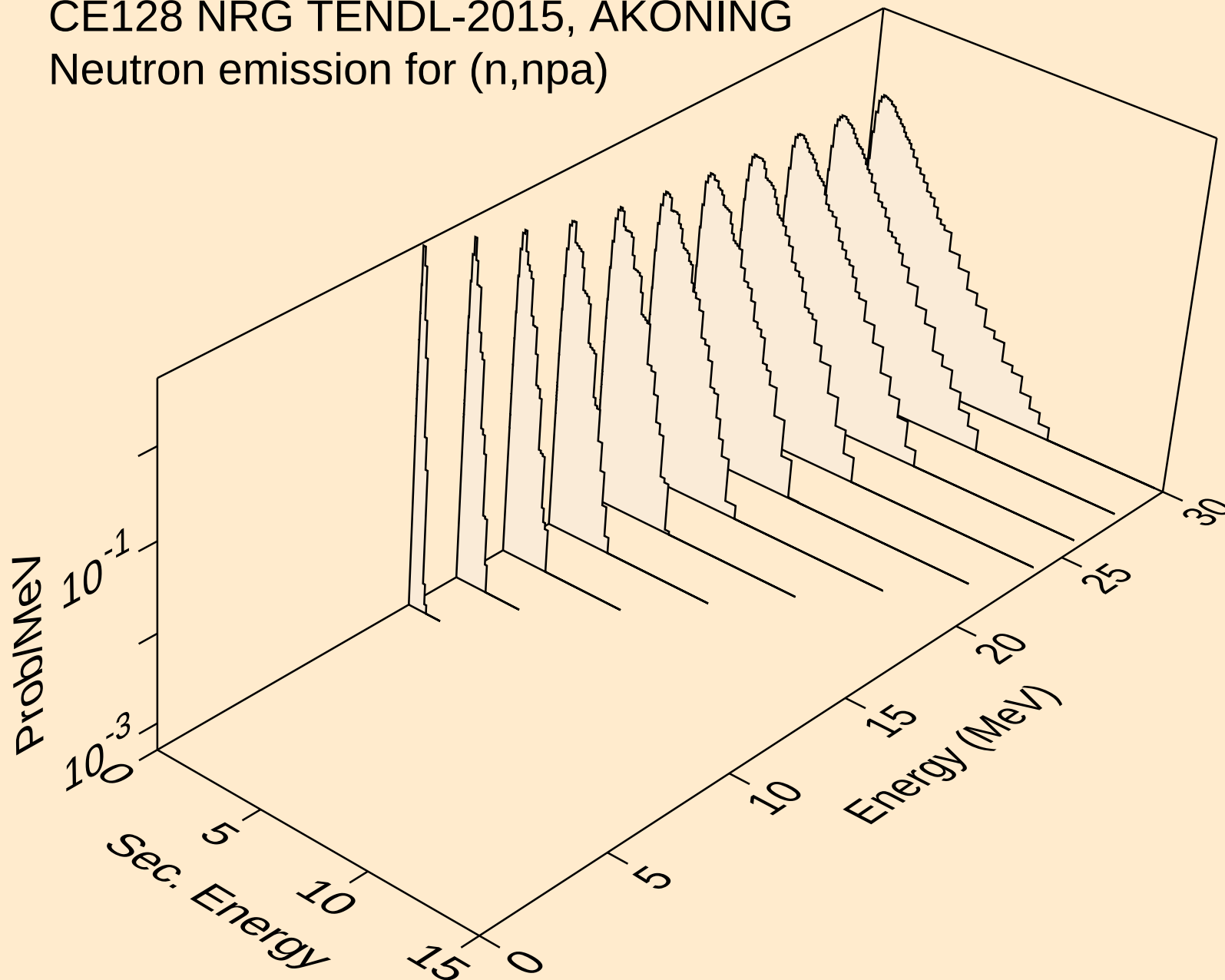




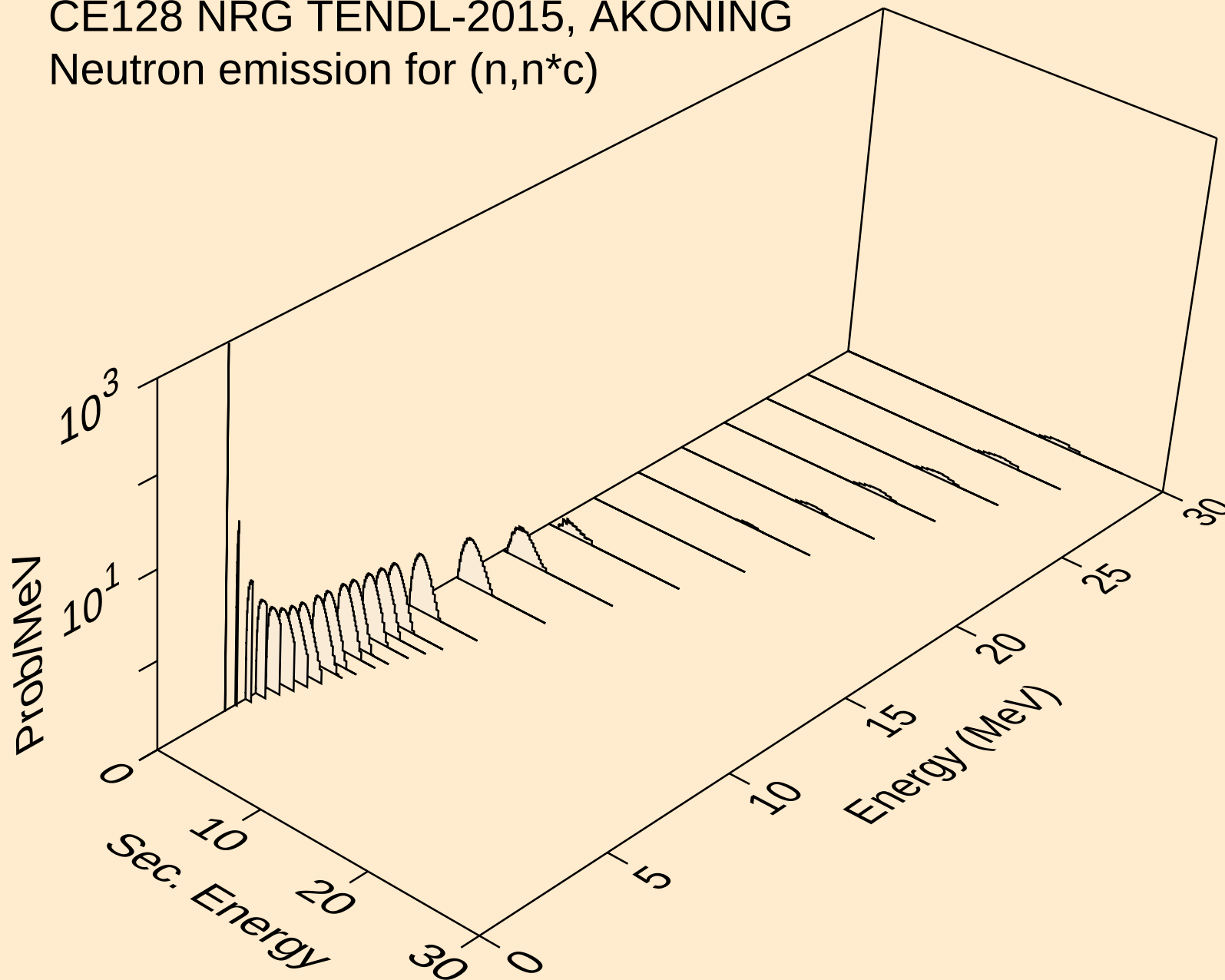
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



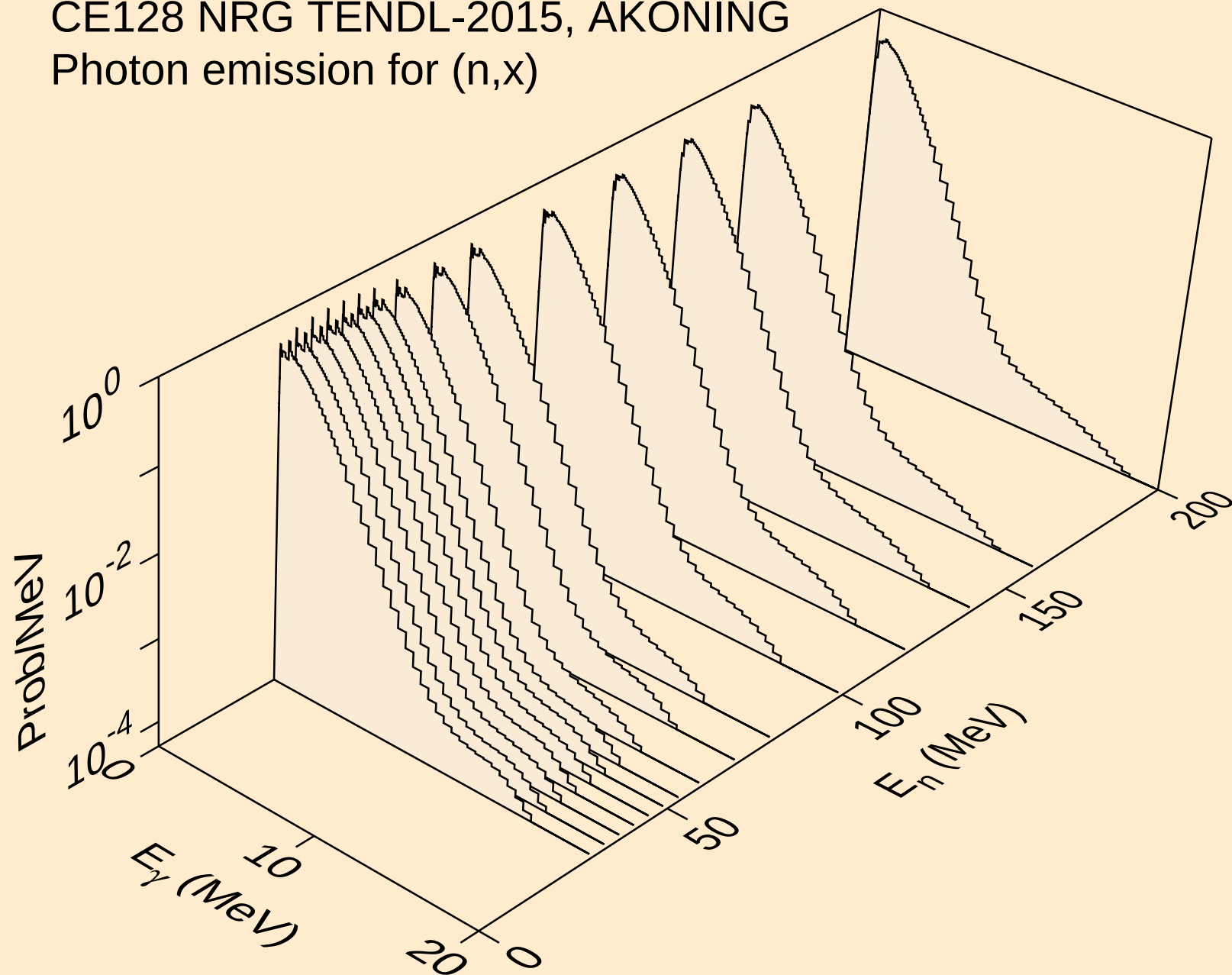
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



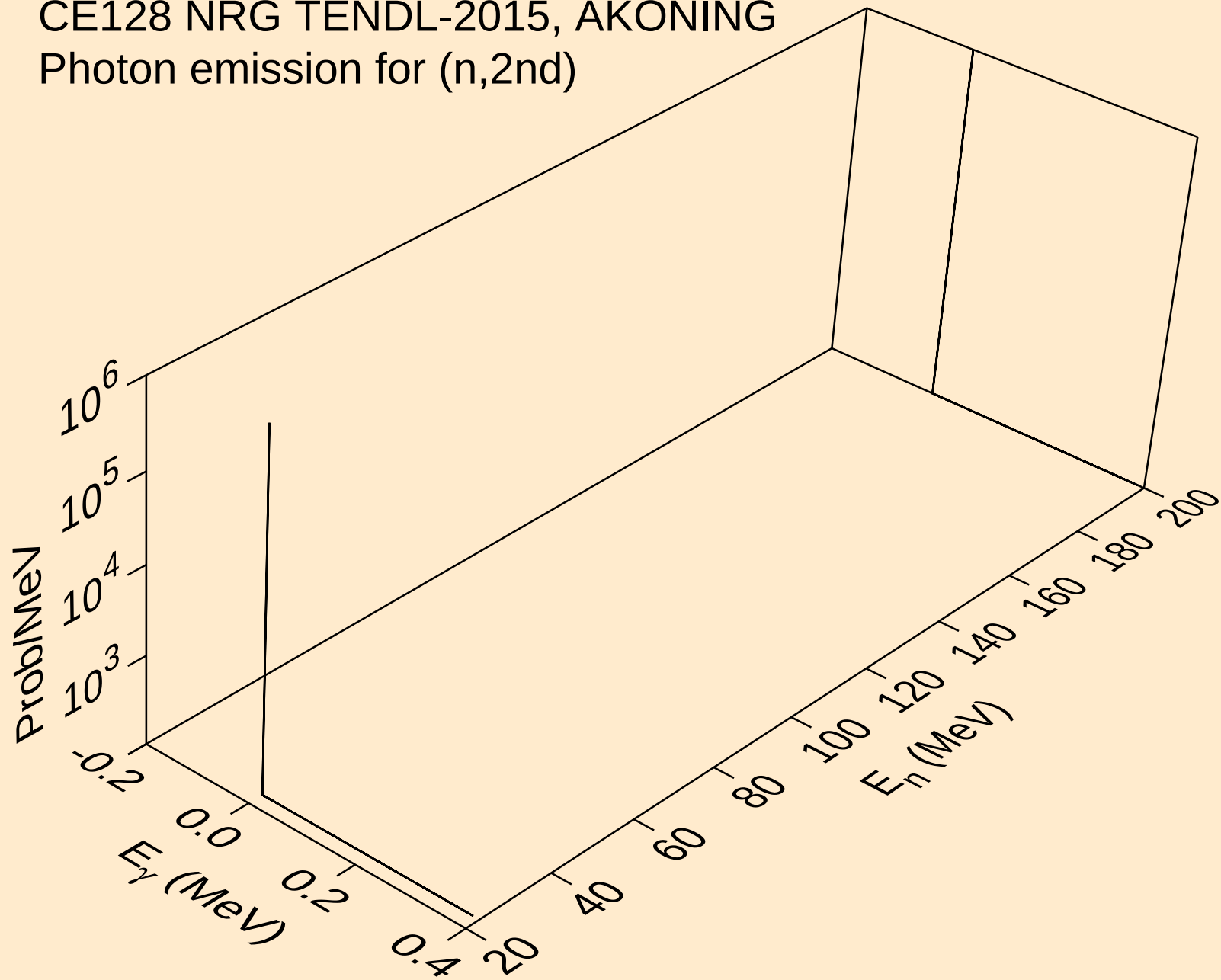
CE128 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



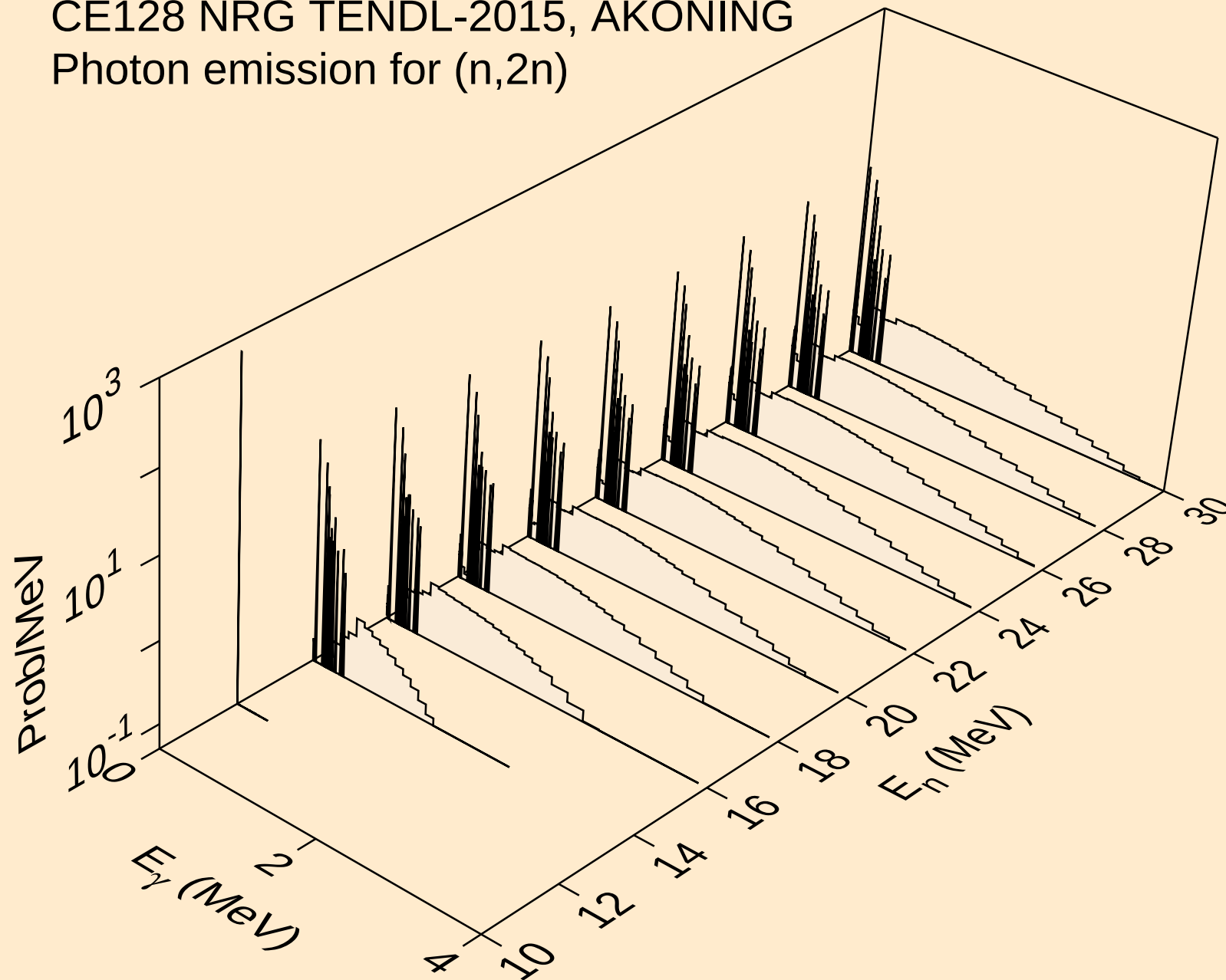
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



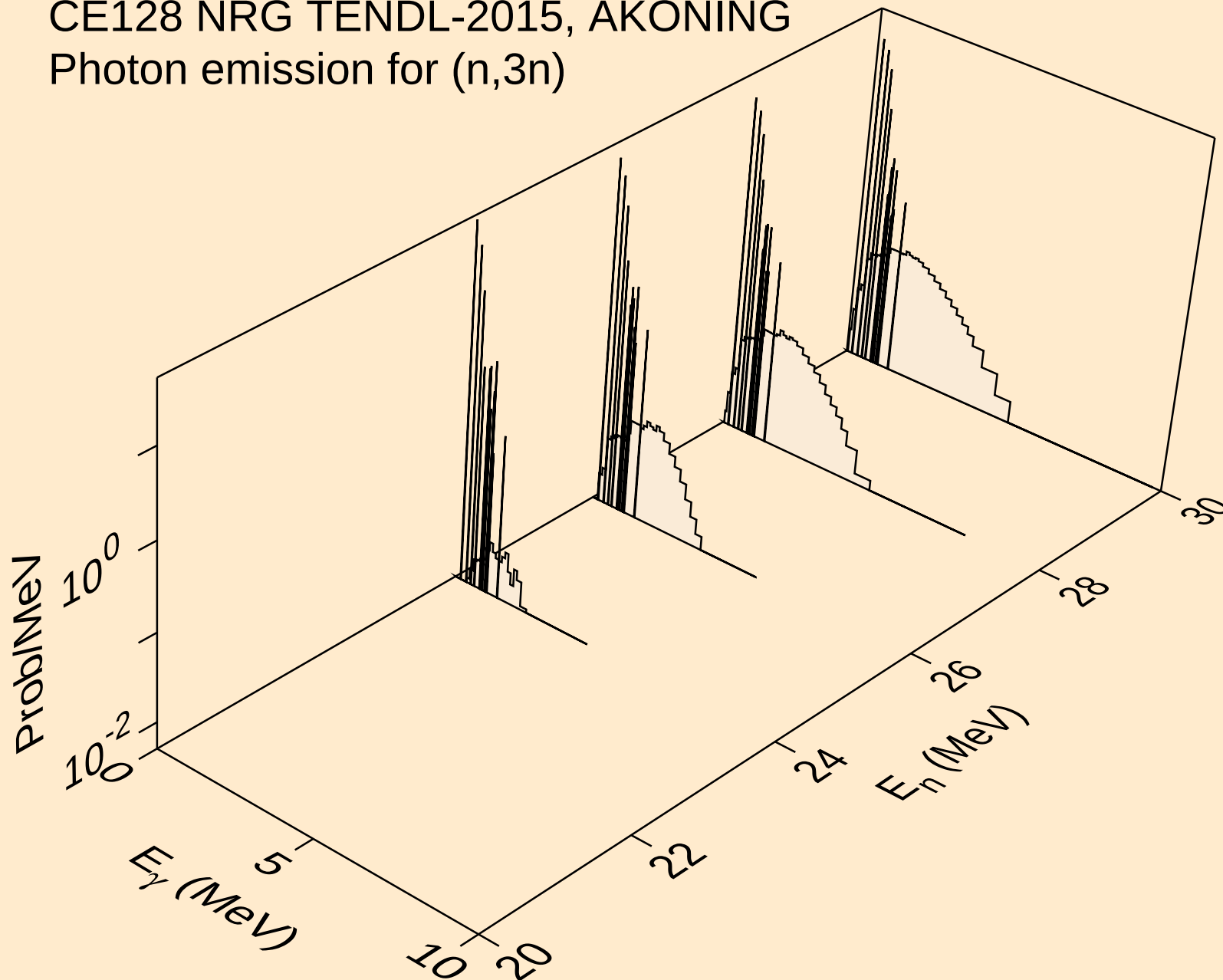
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



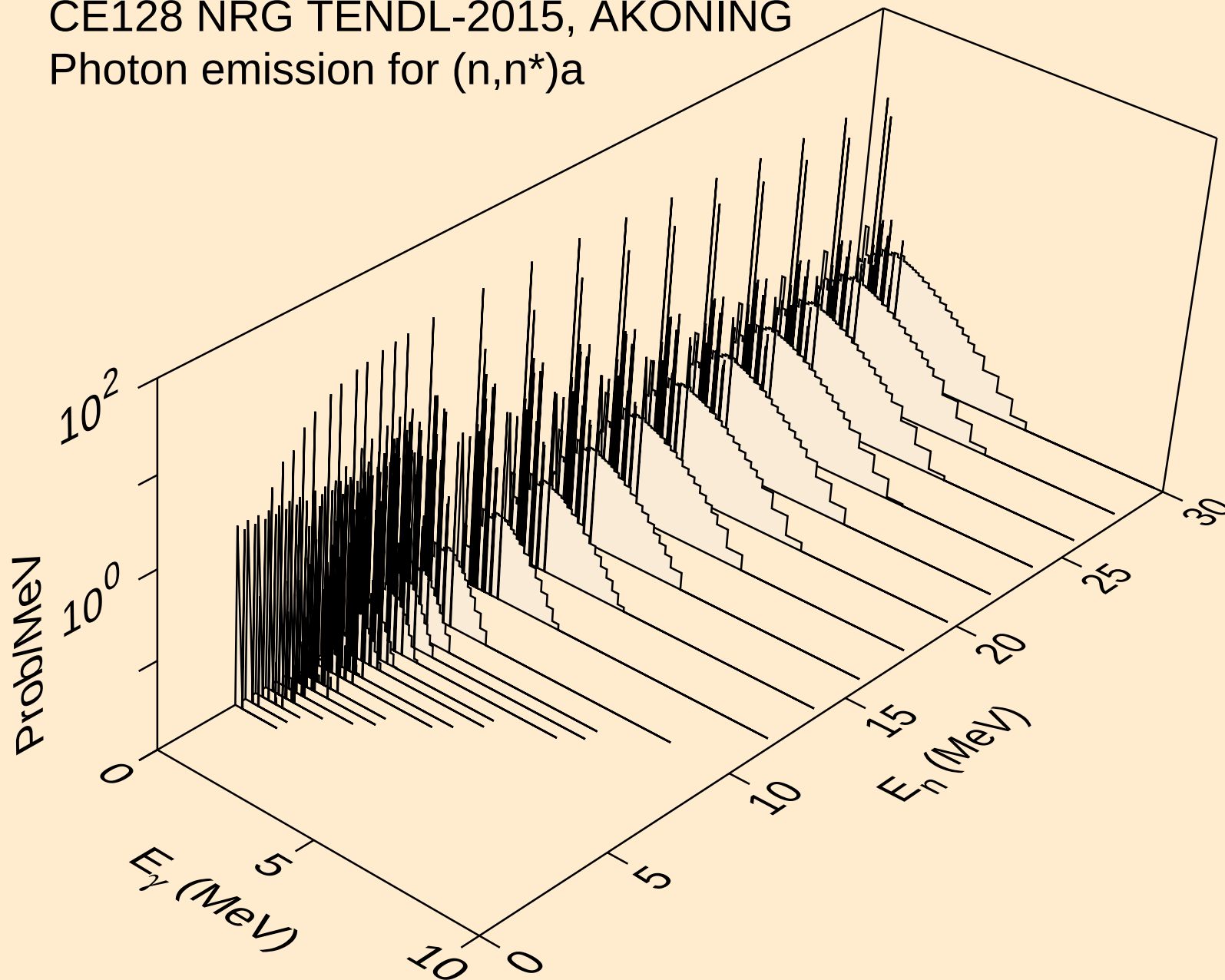
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



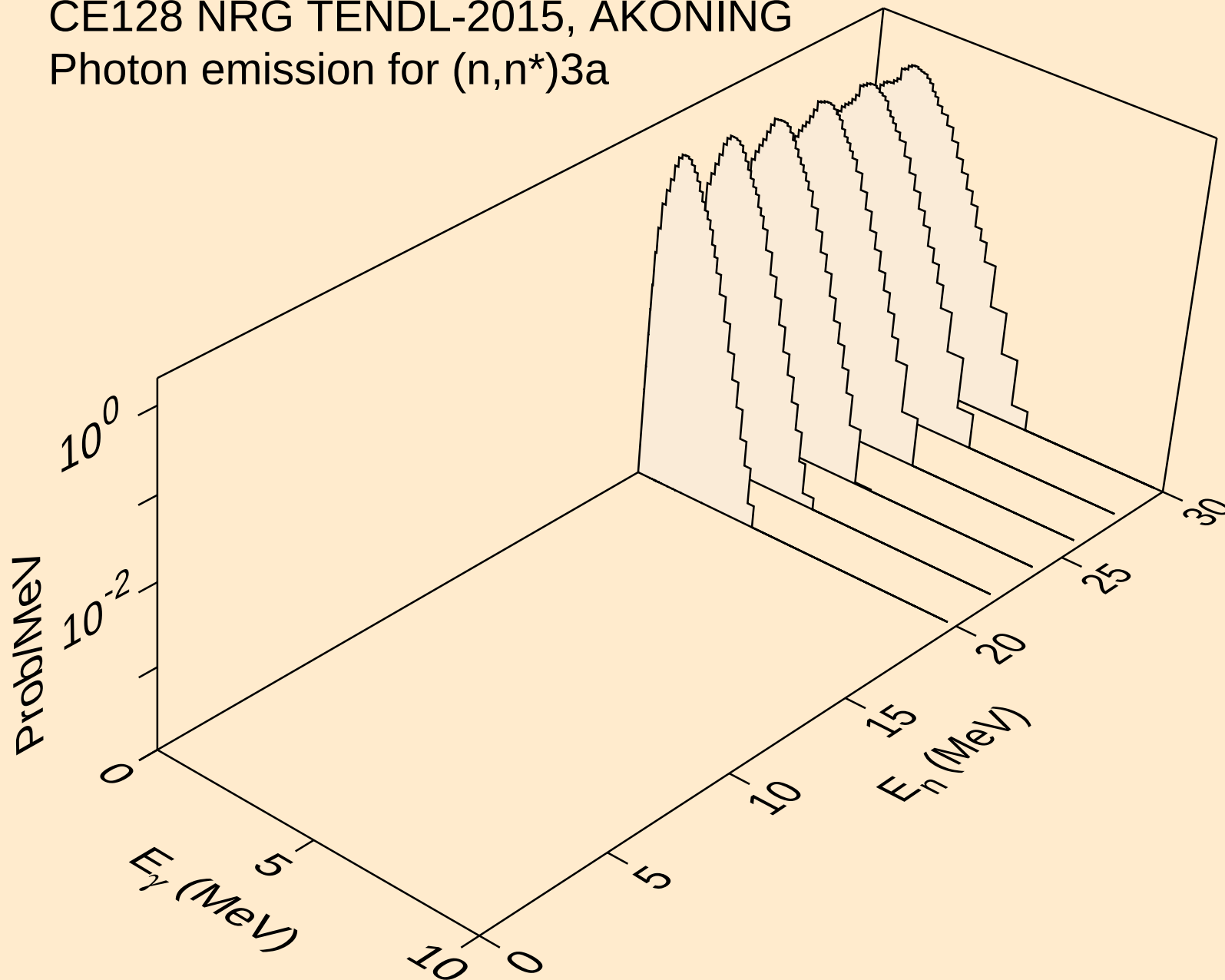
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



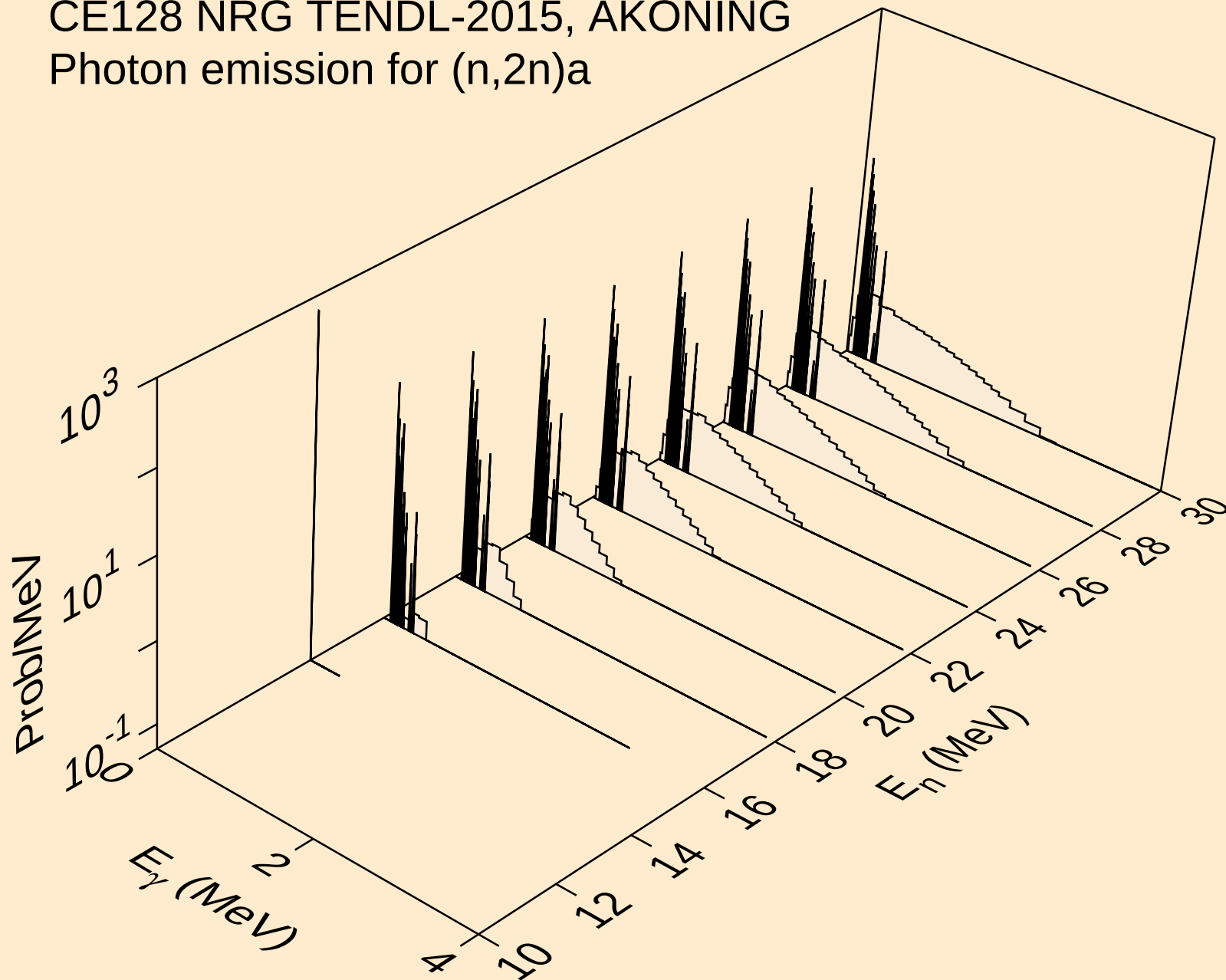


CE128 NRG TENDL-2015, AKONING

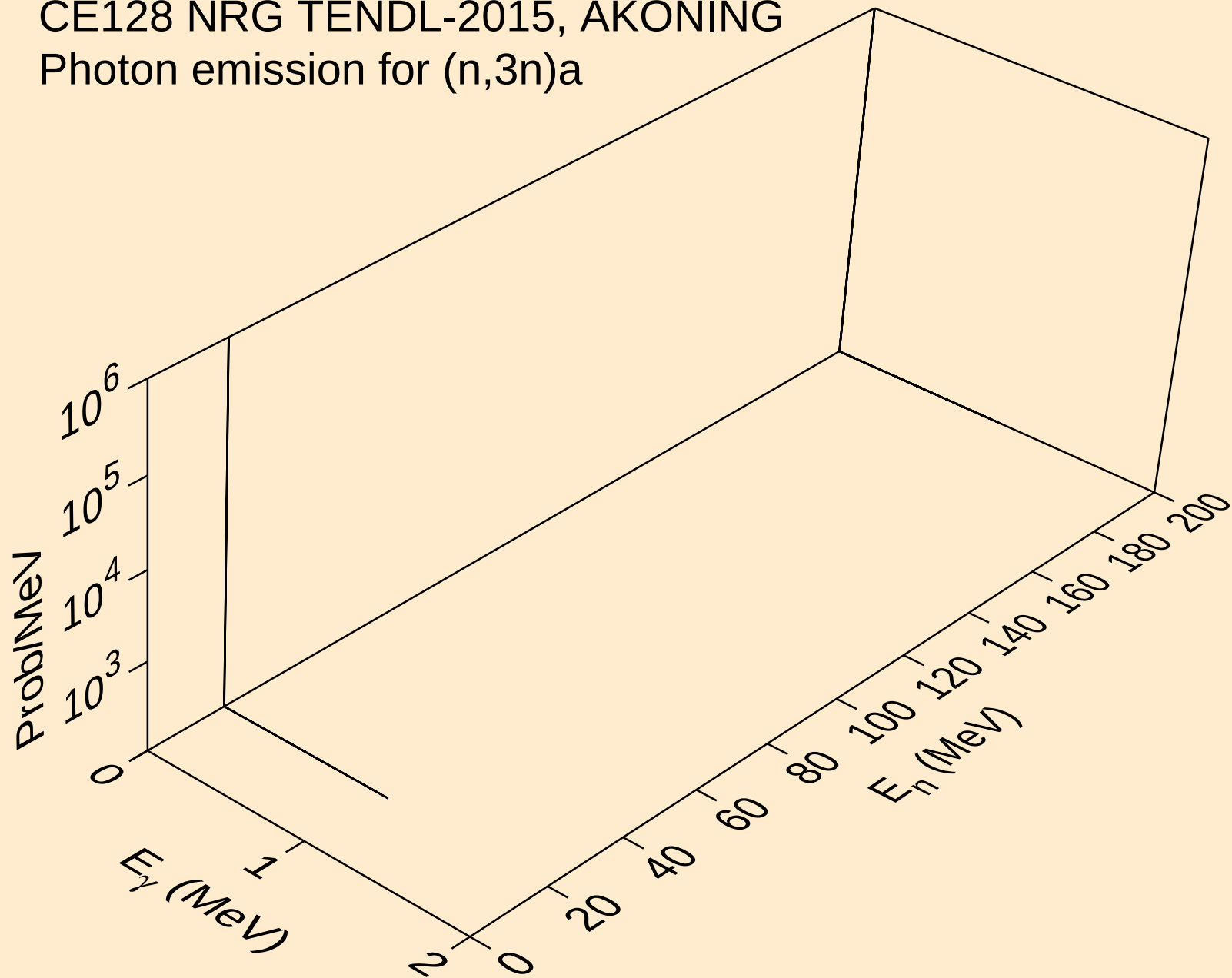
Photon emission for (n,n\*)<sup>3</sup>a



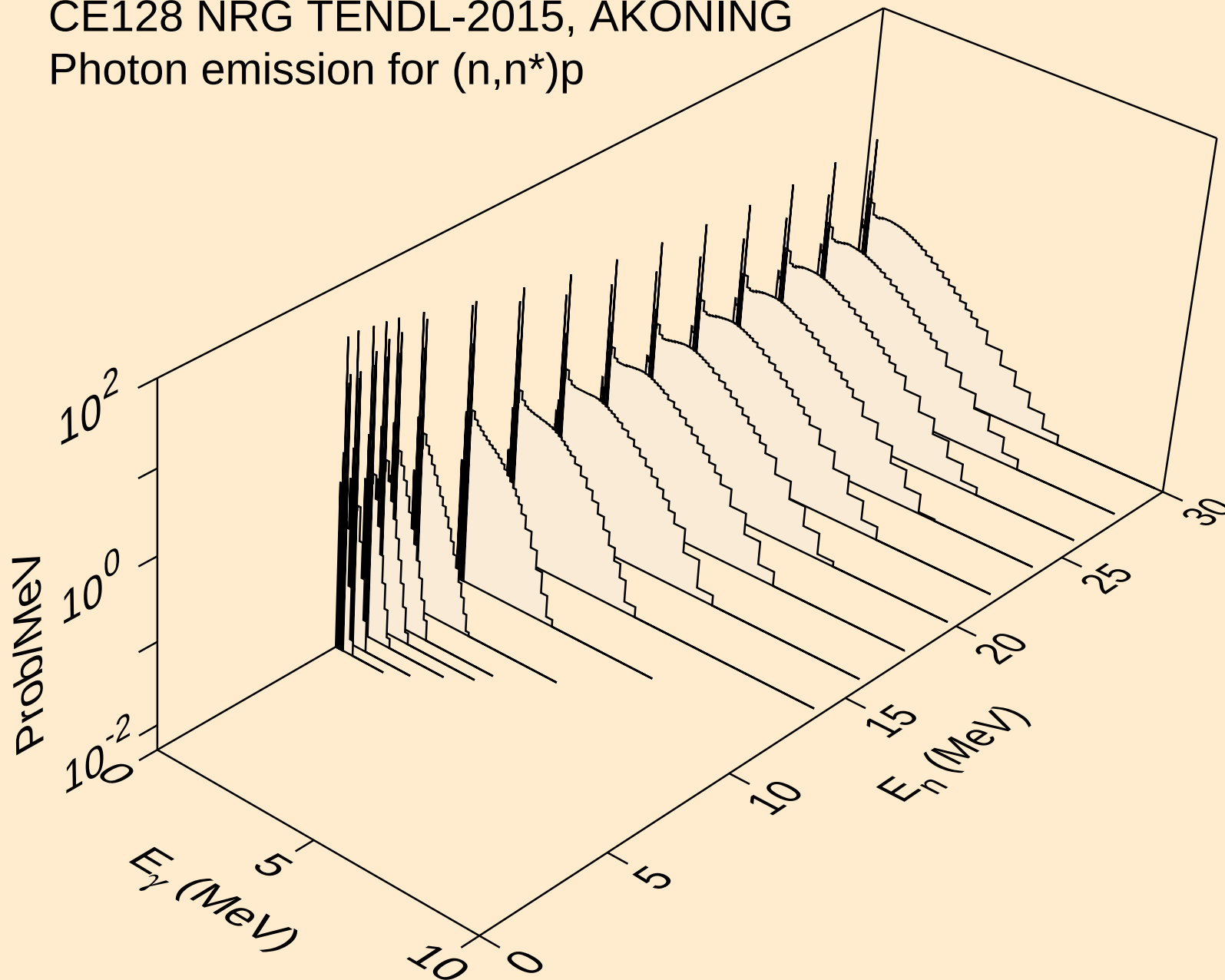
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



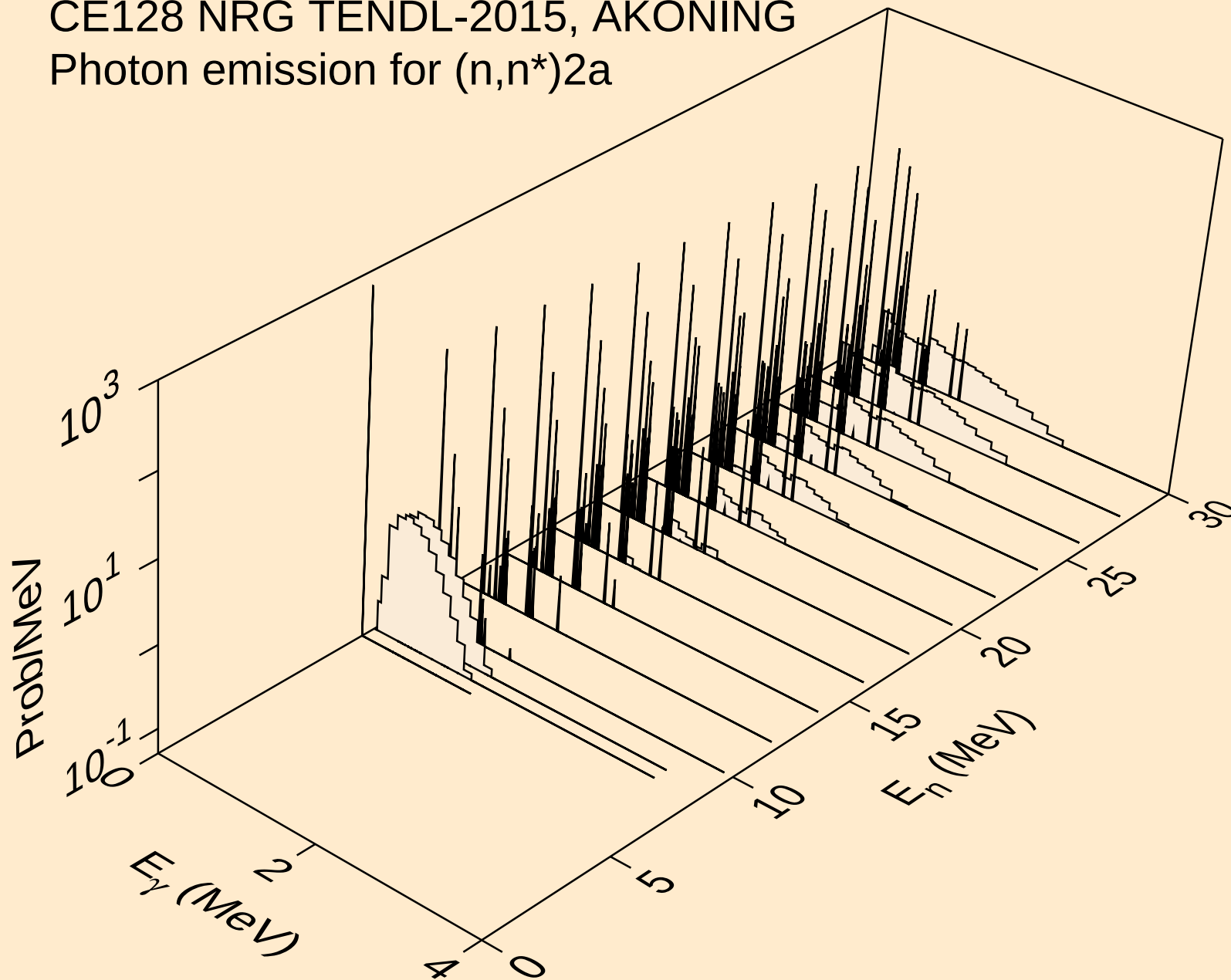
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



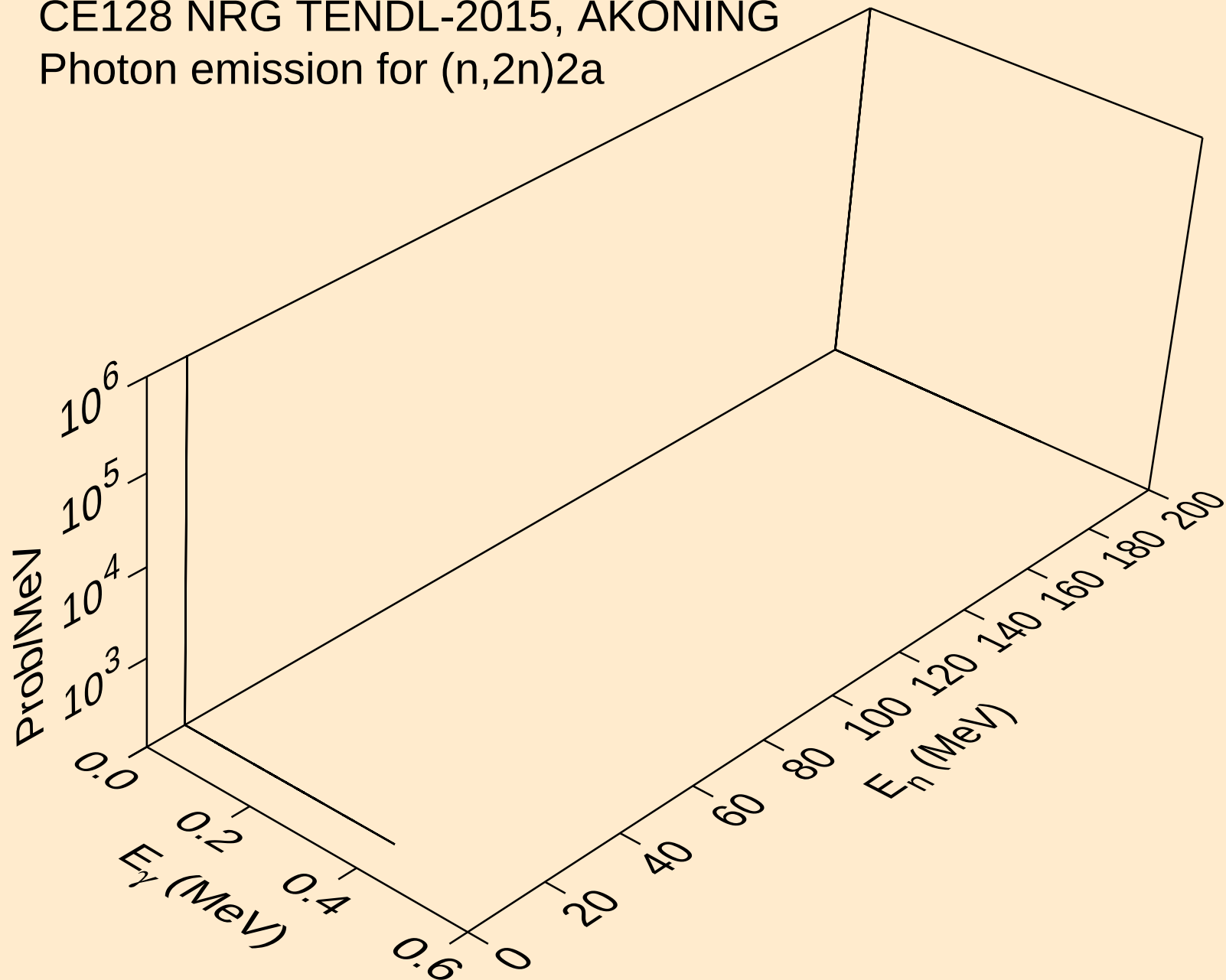
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



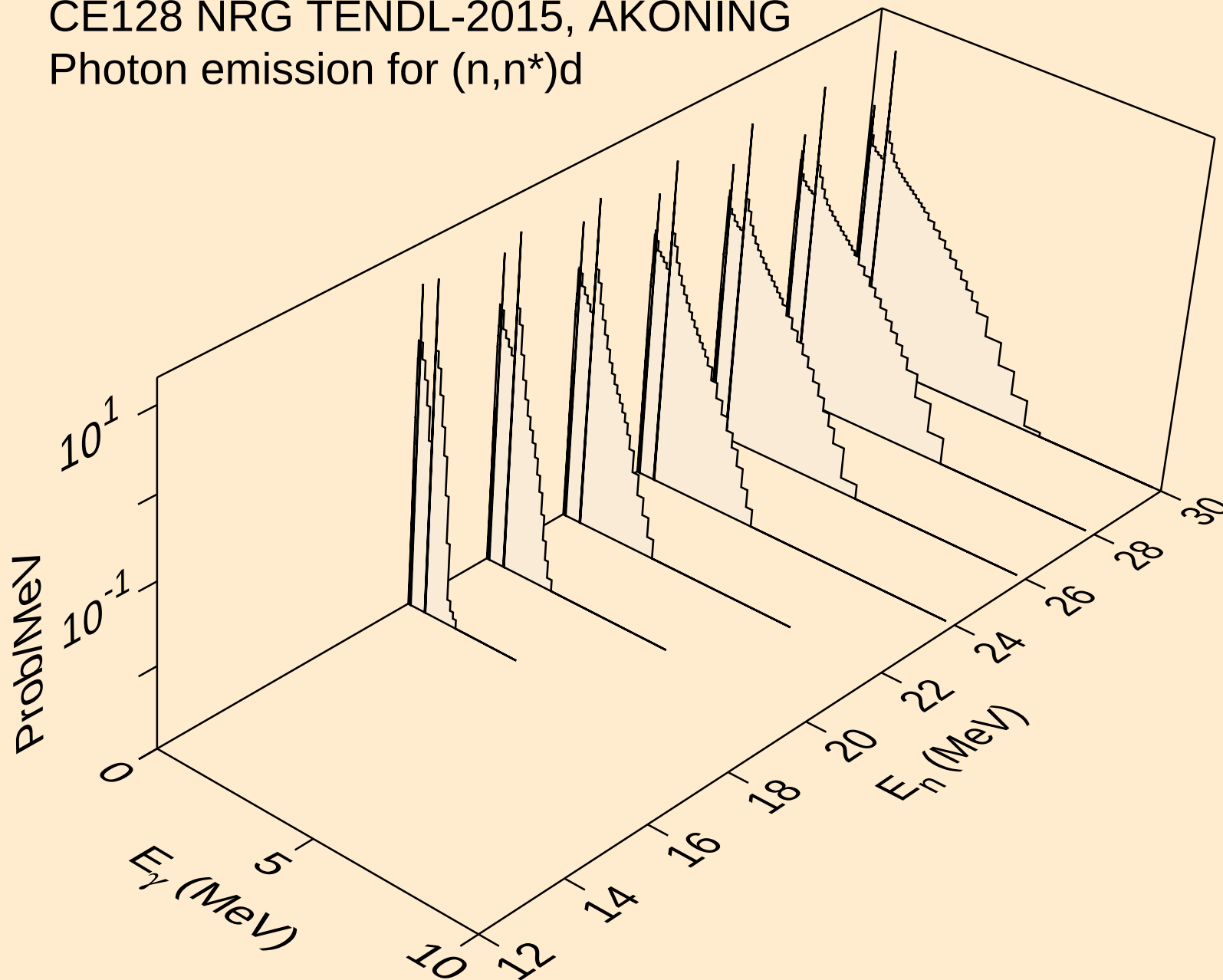
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



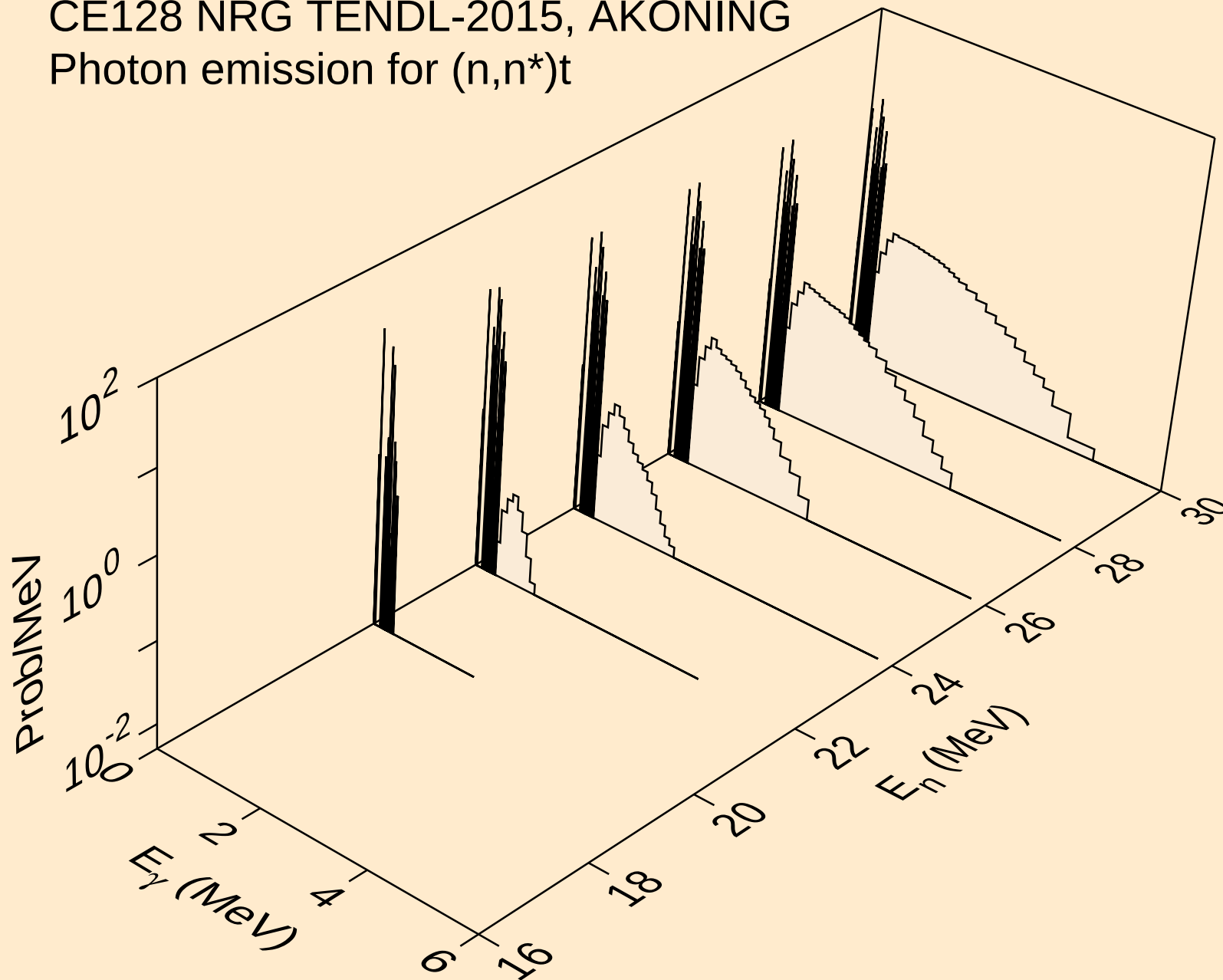
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

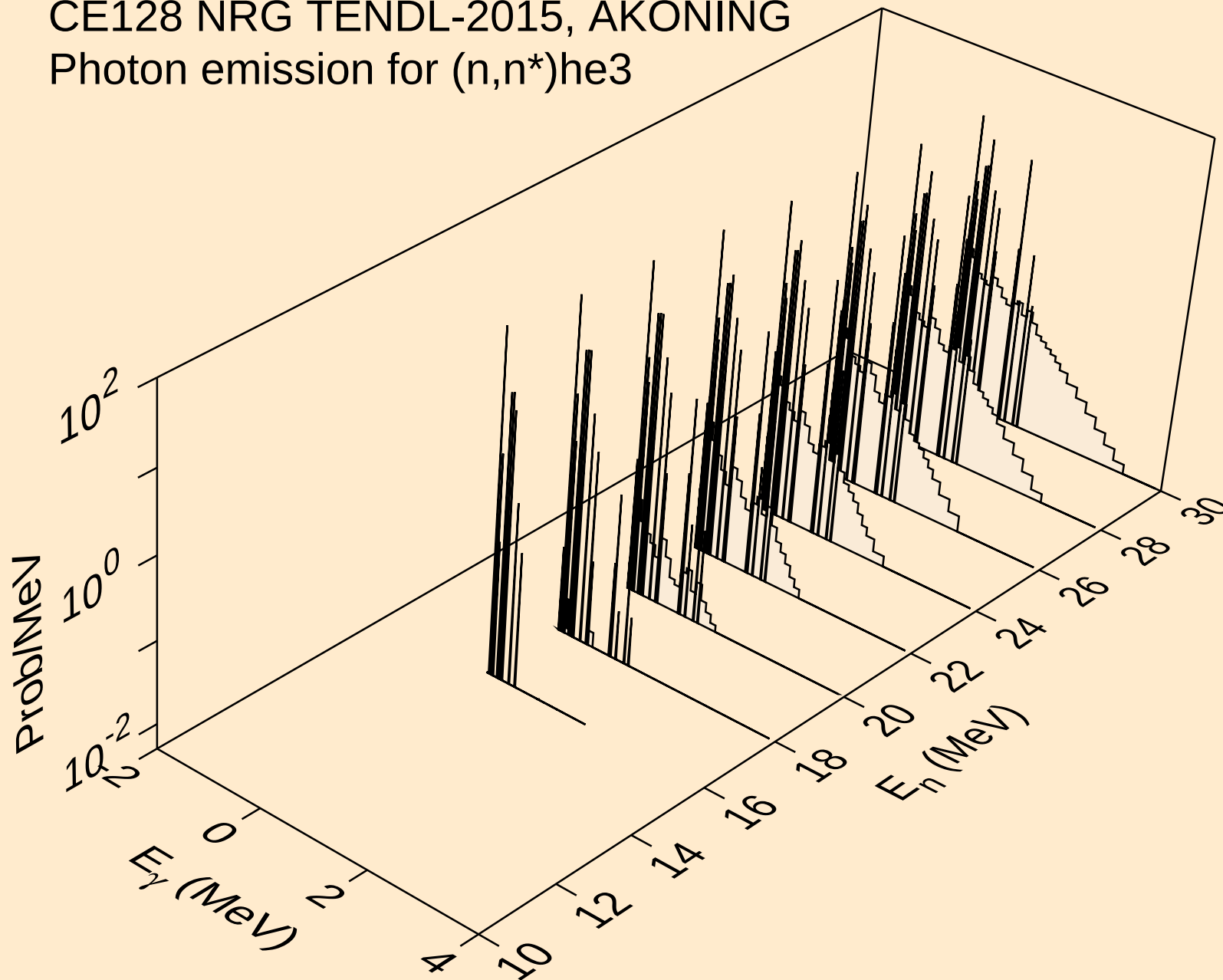


CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

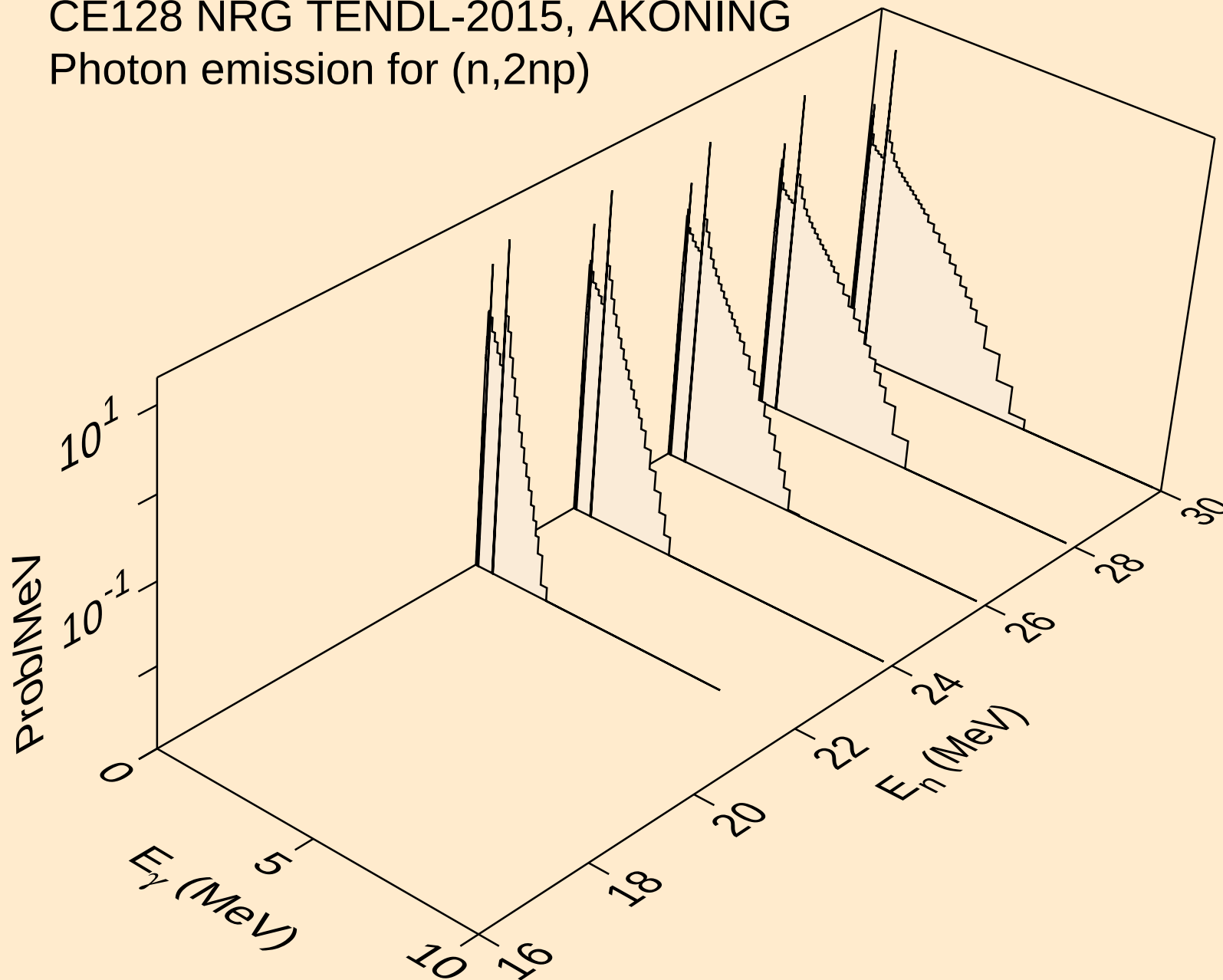




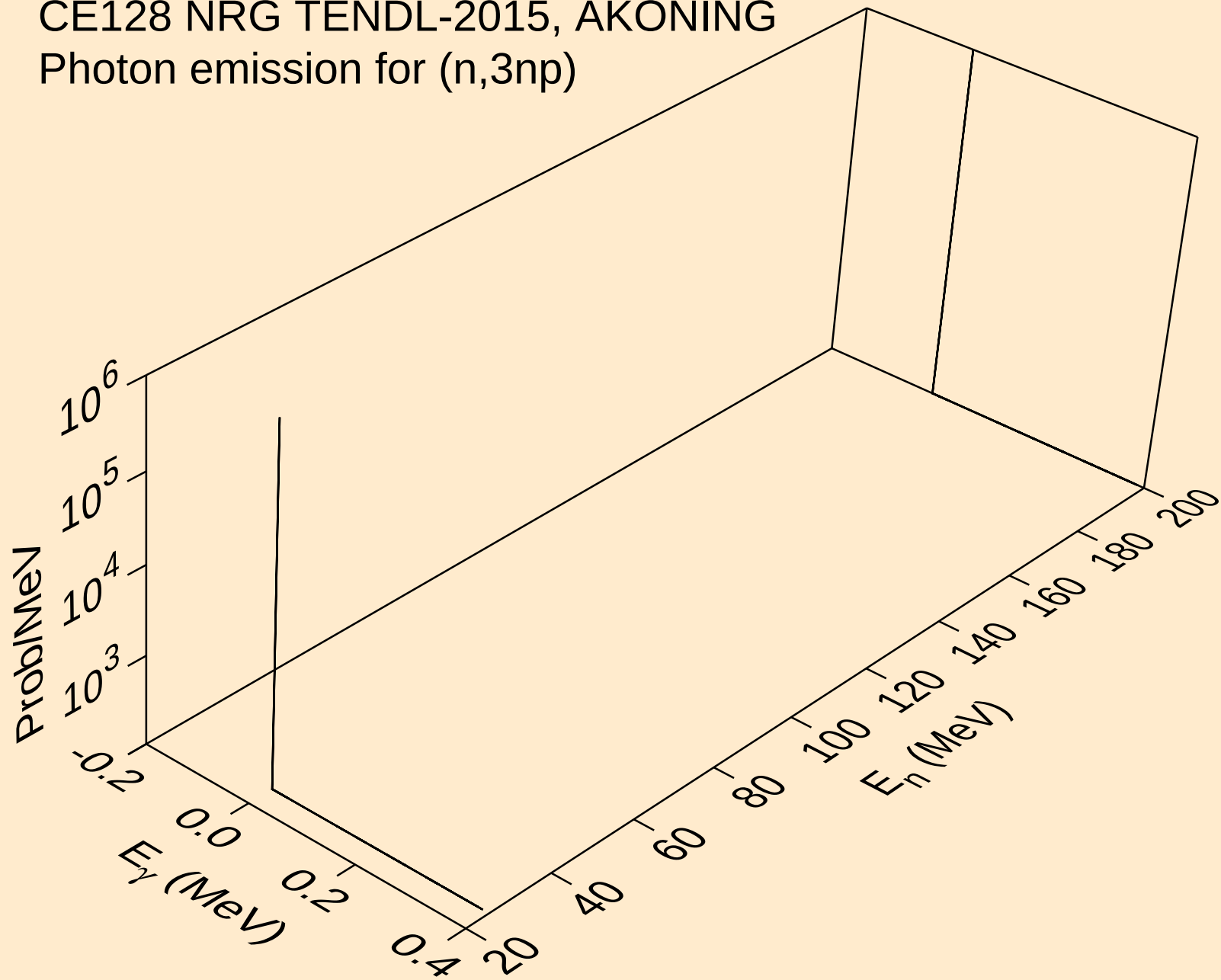
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



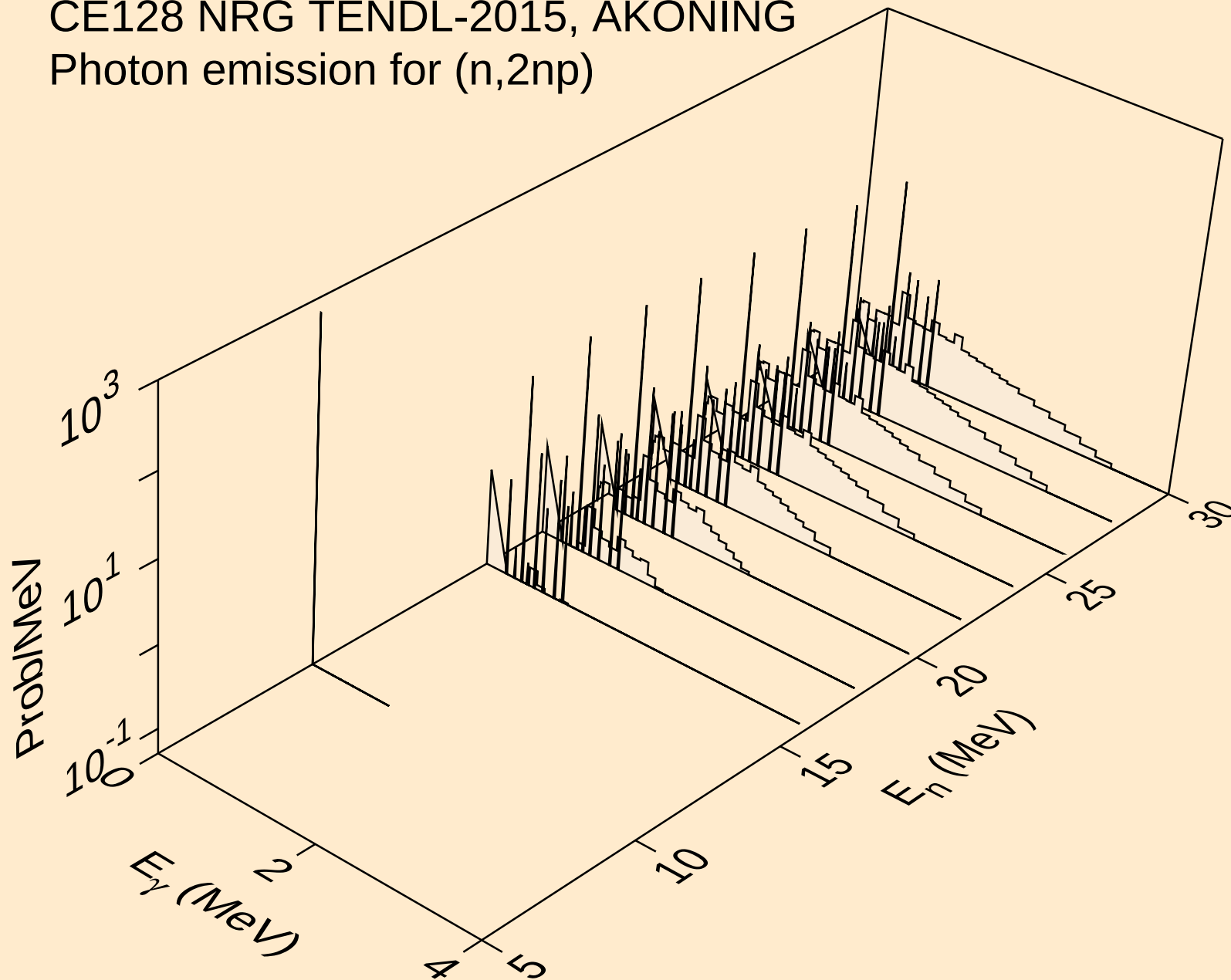
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



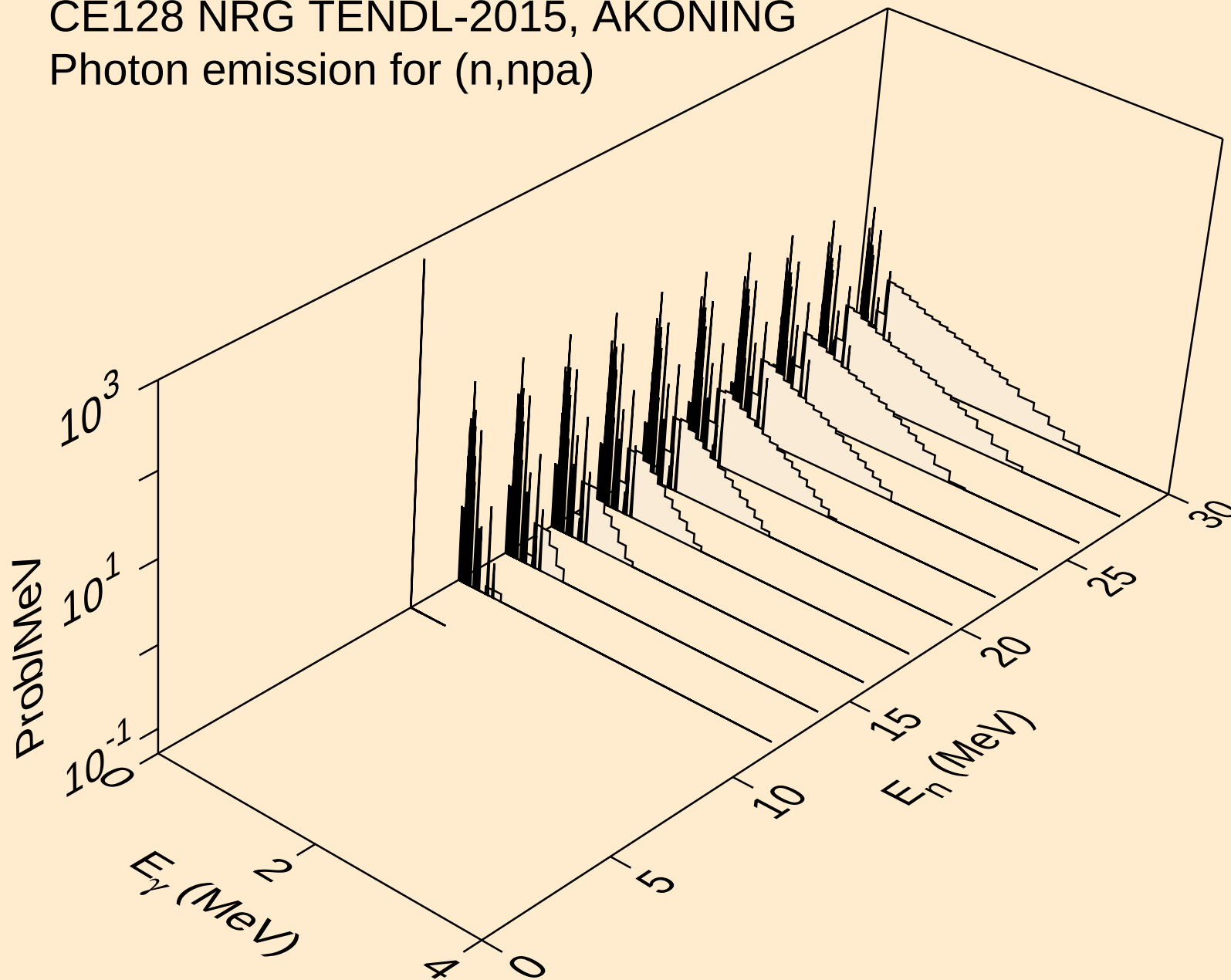
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



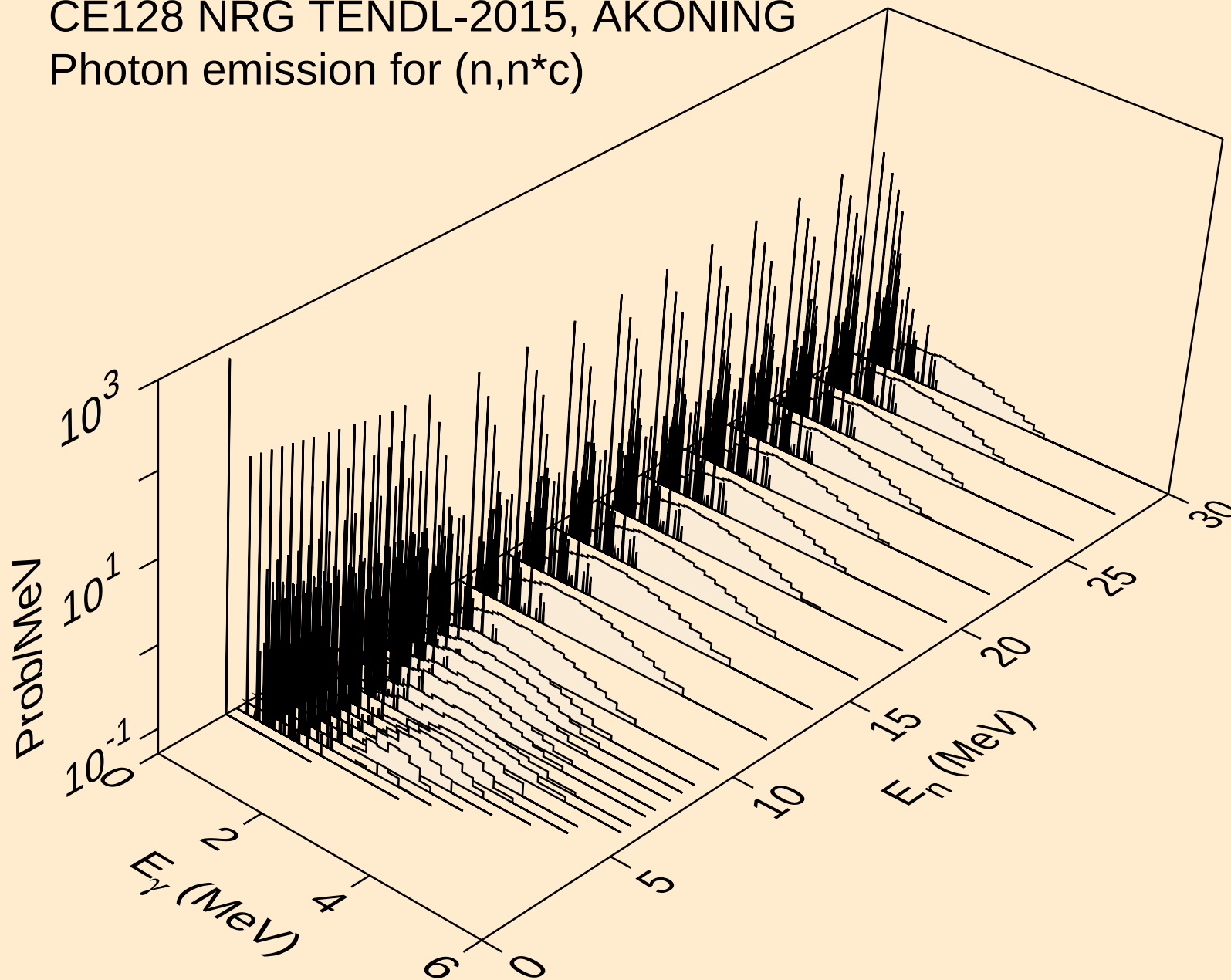
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



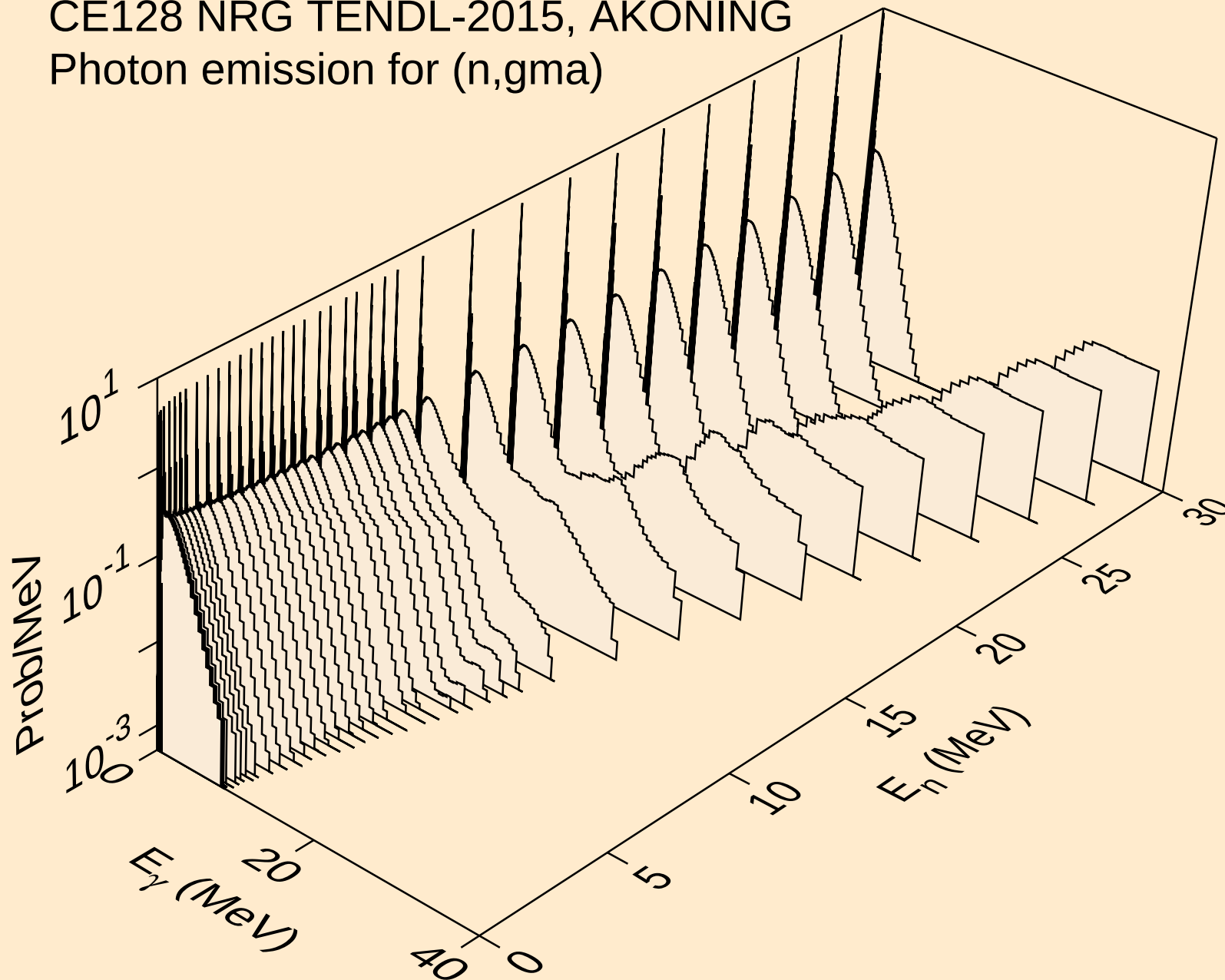
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



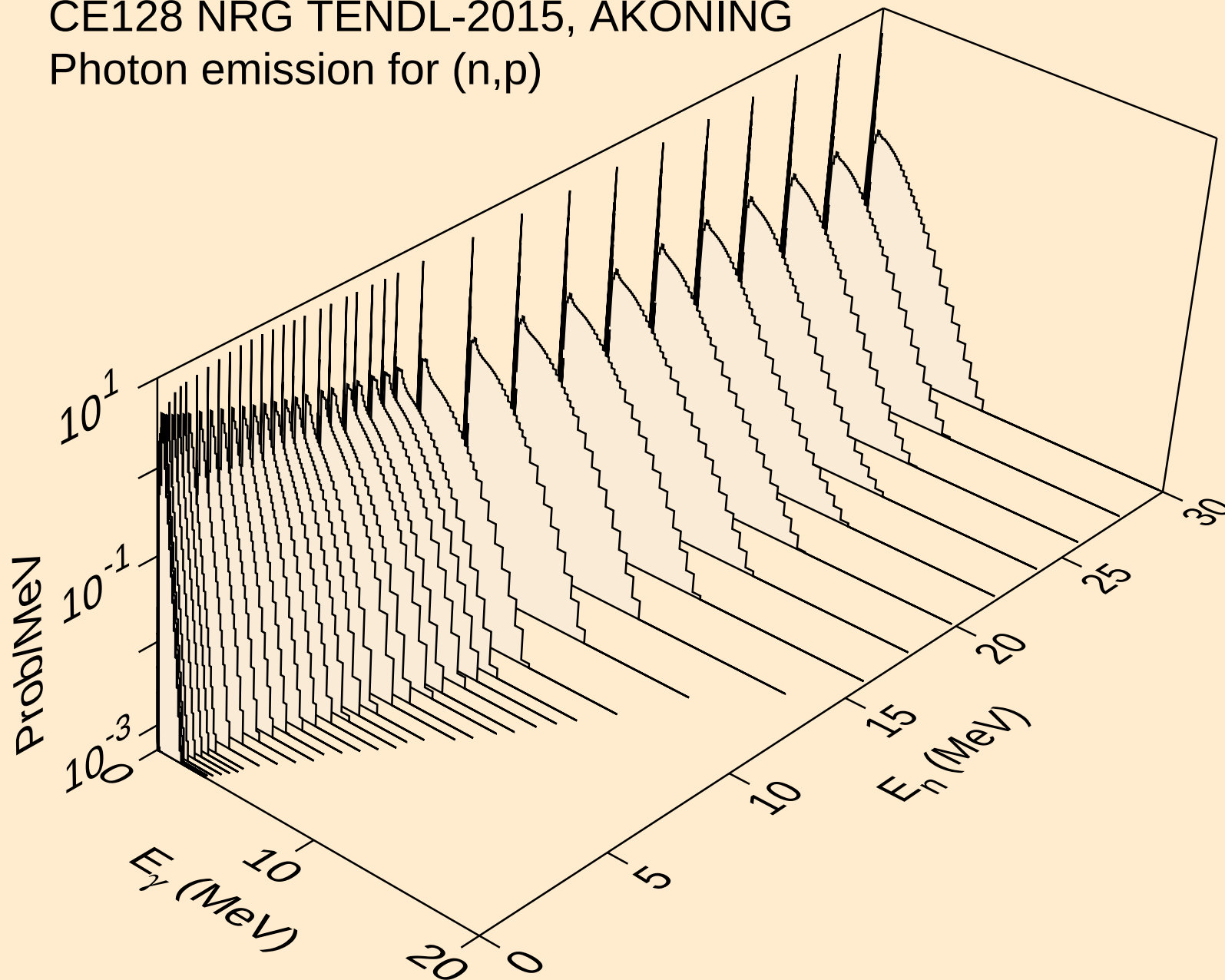
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

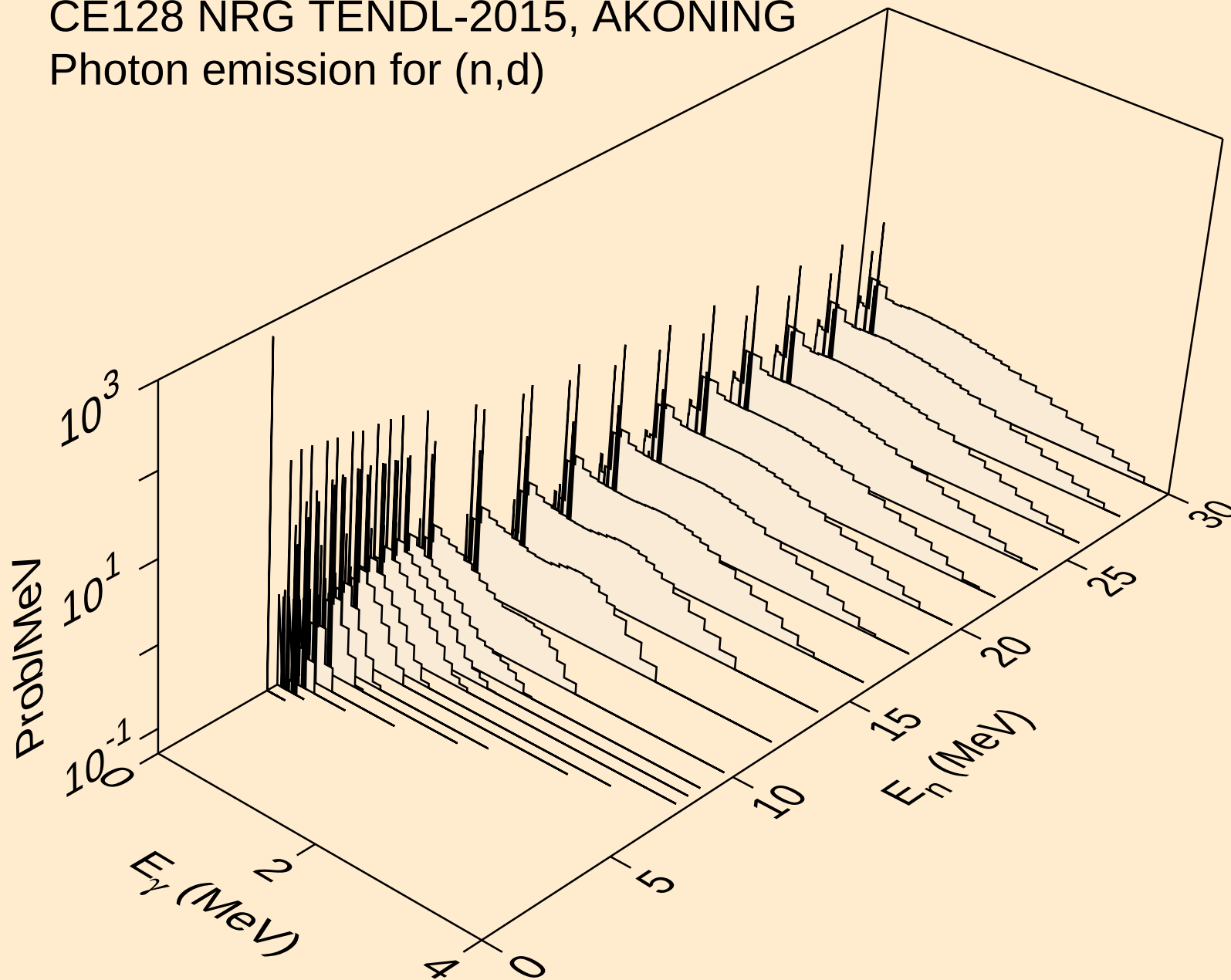


CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

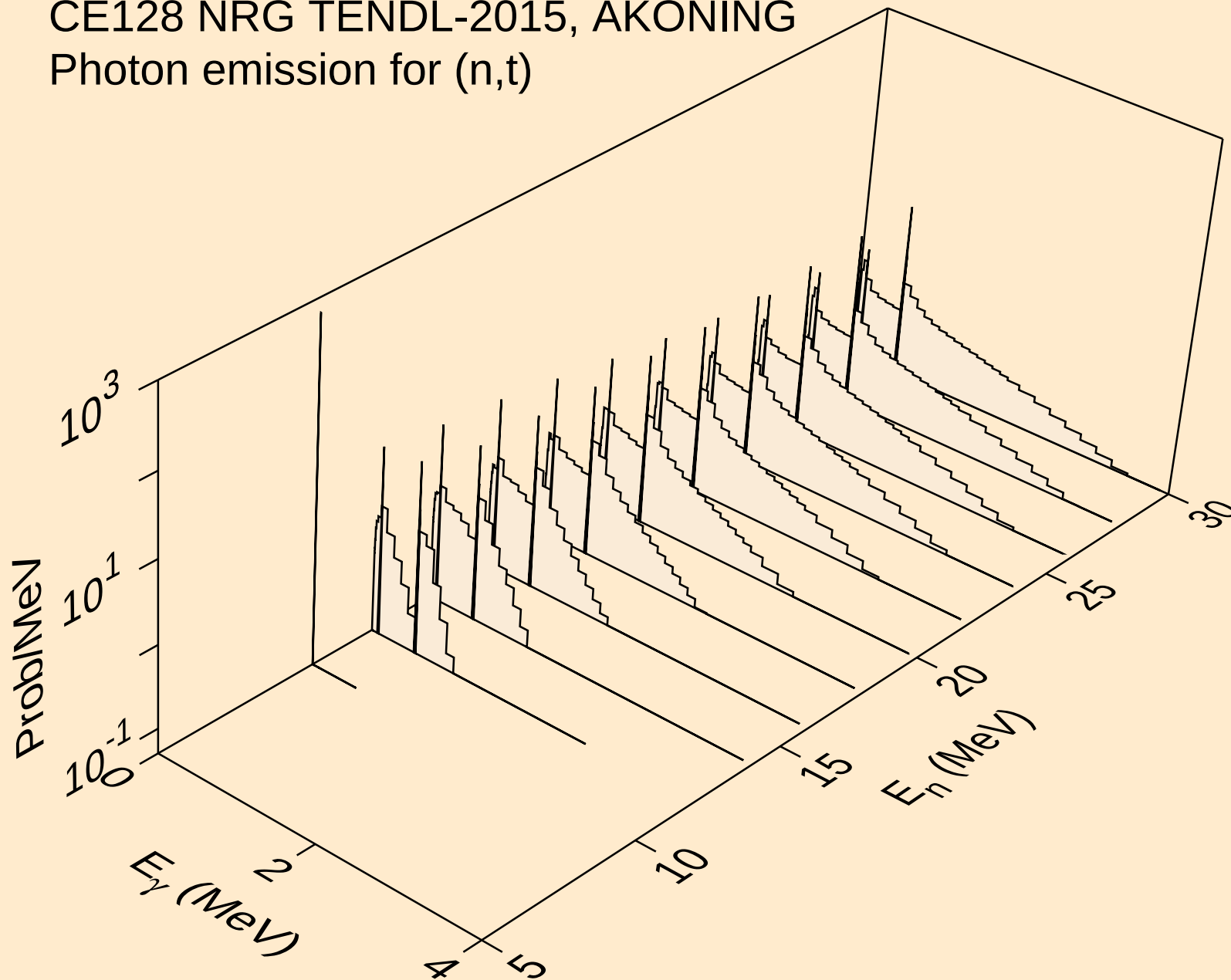




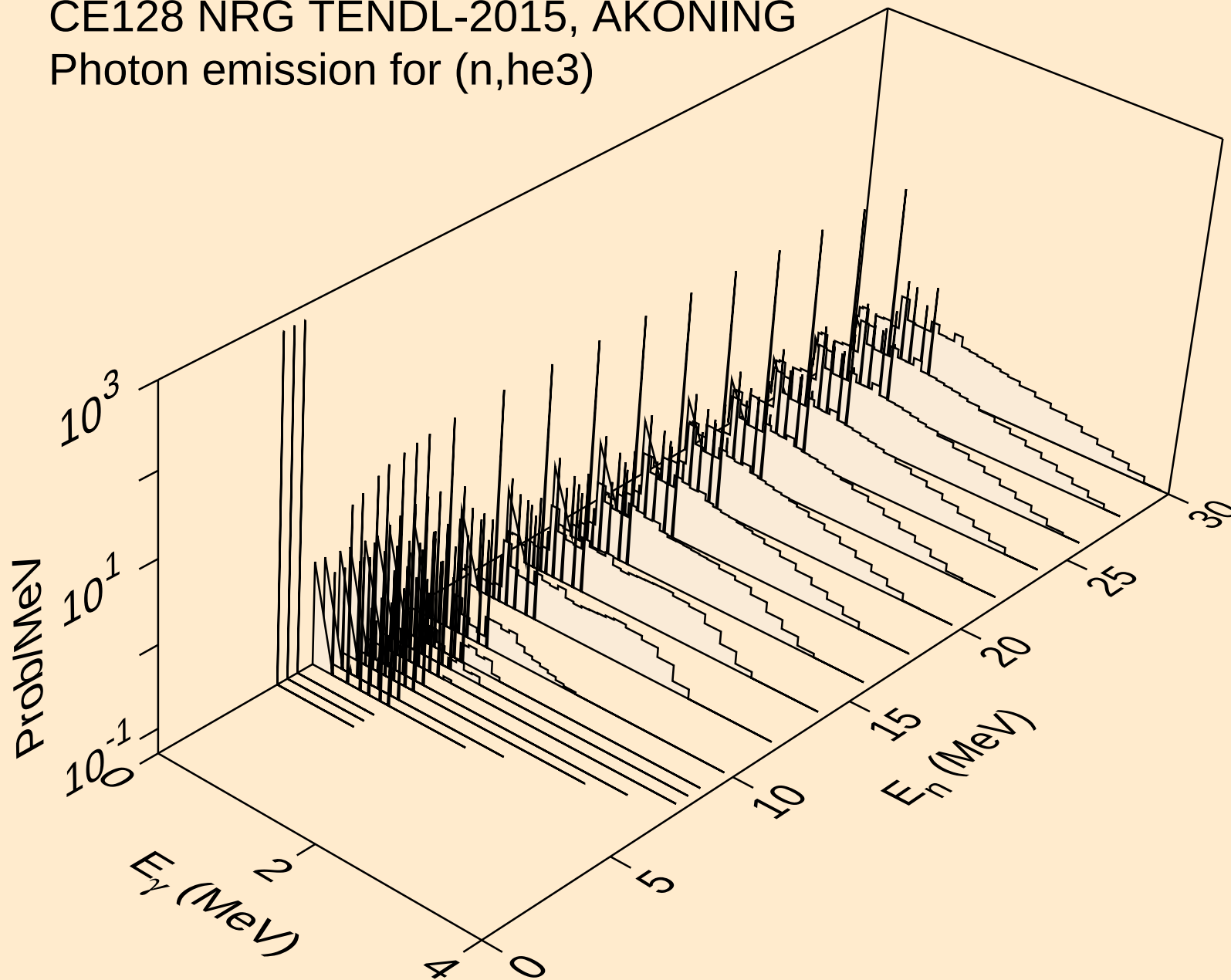
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



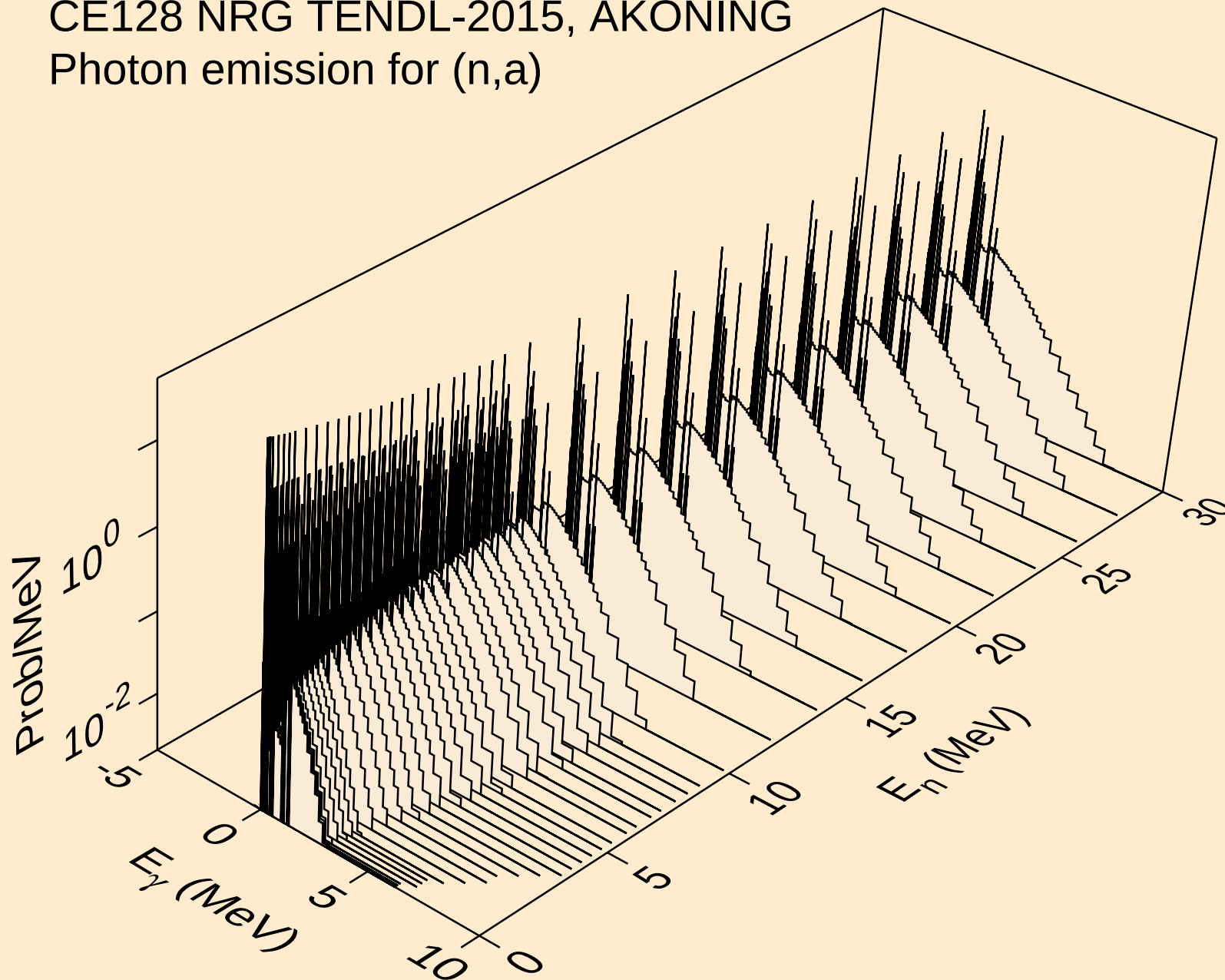
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



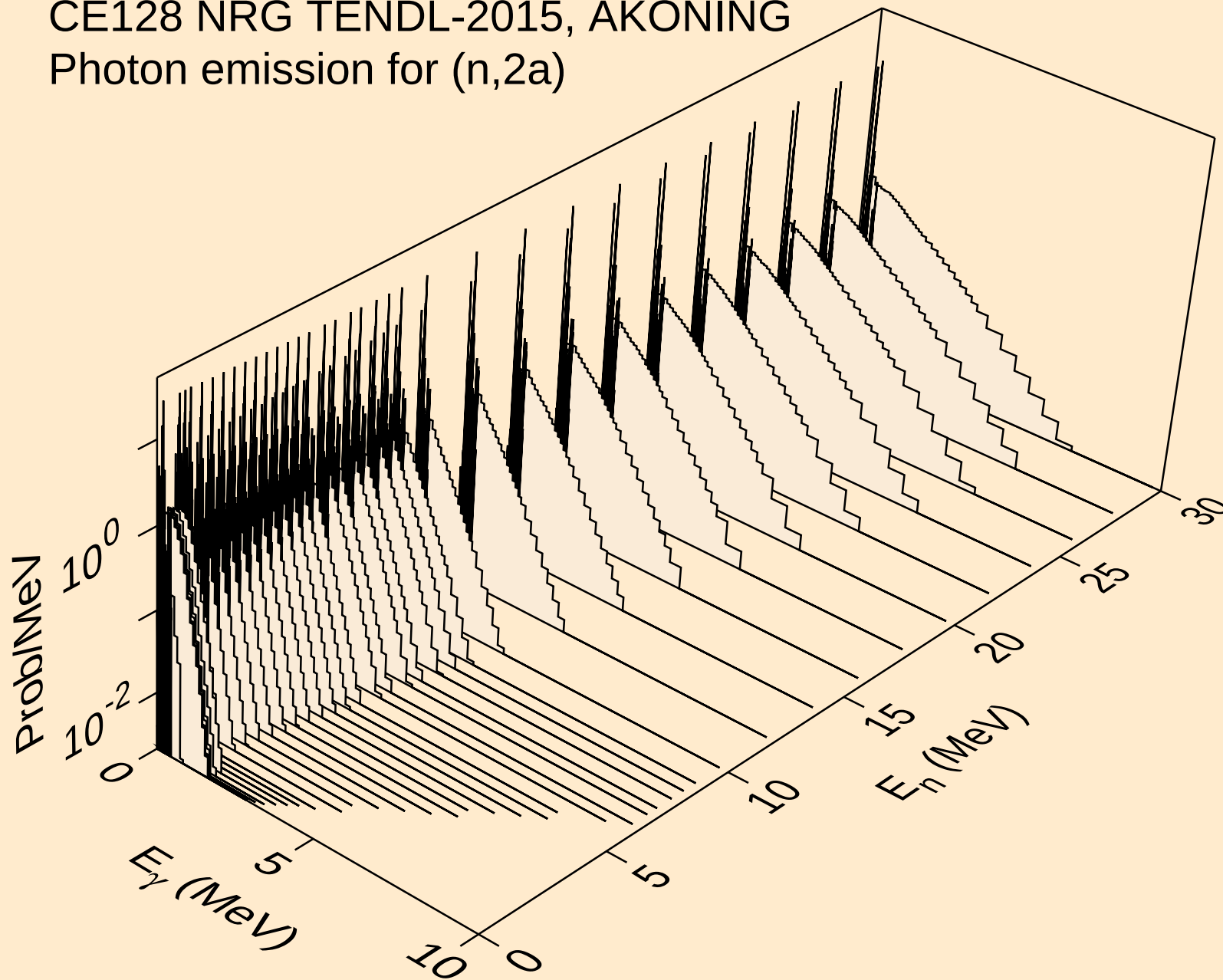
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



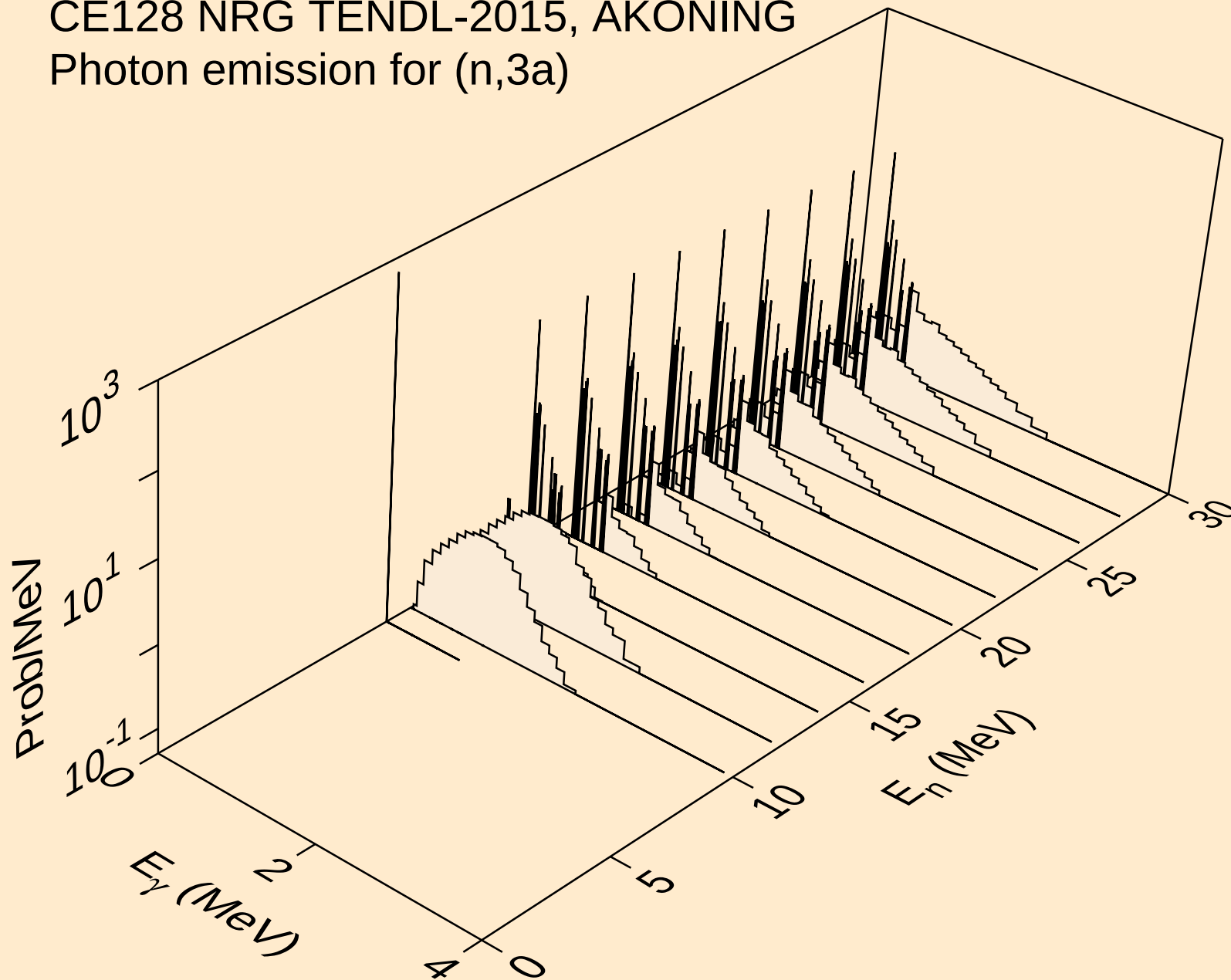
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



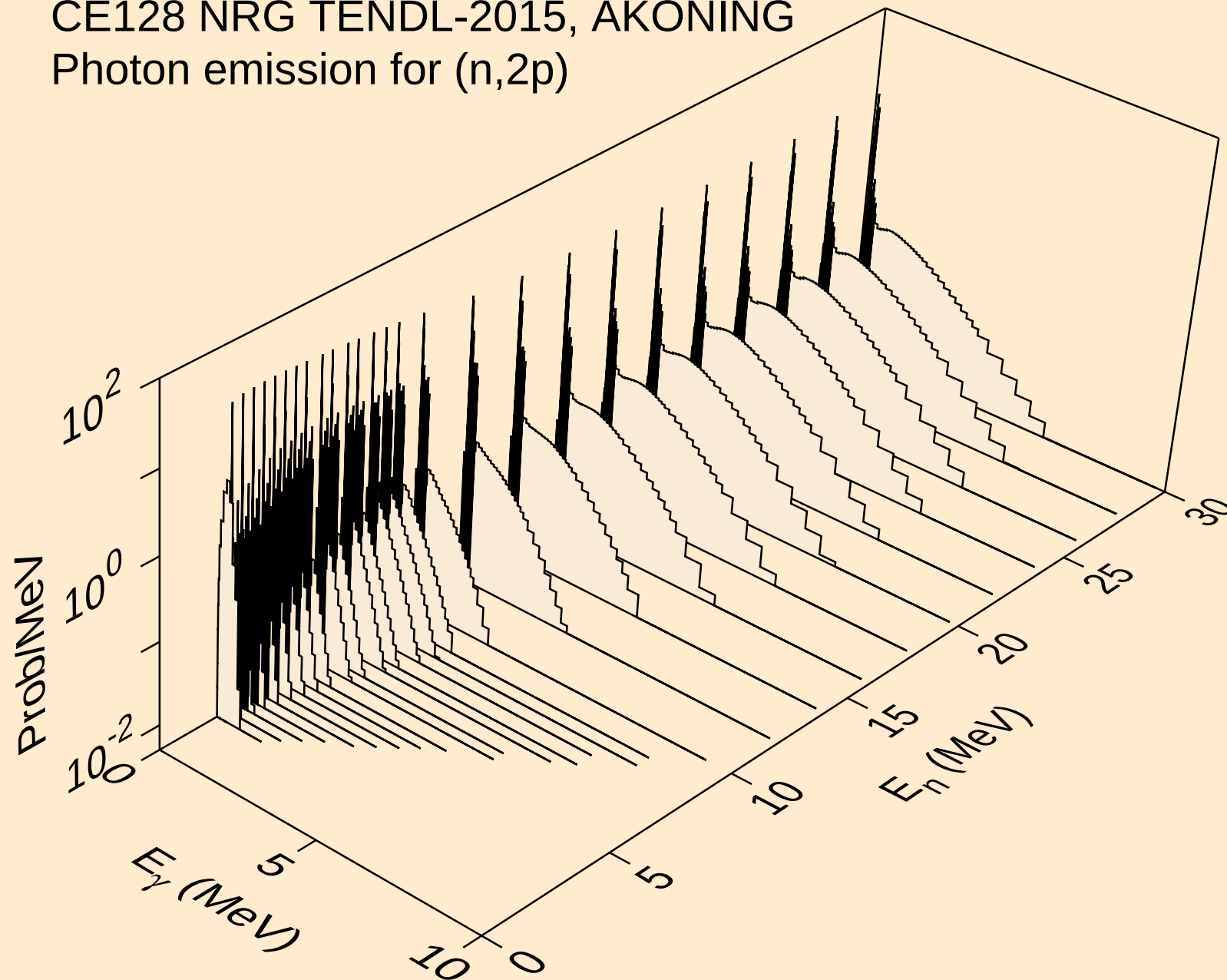
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



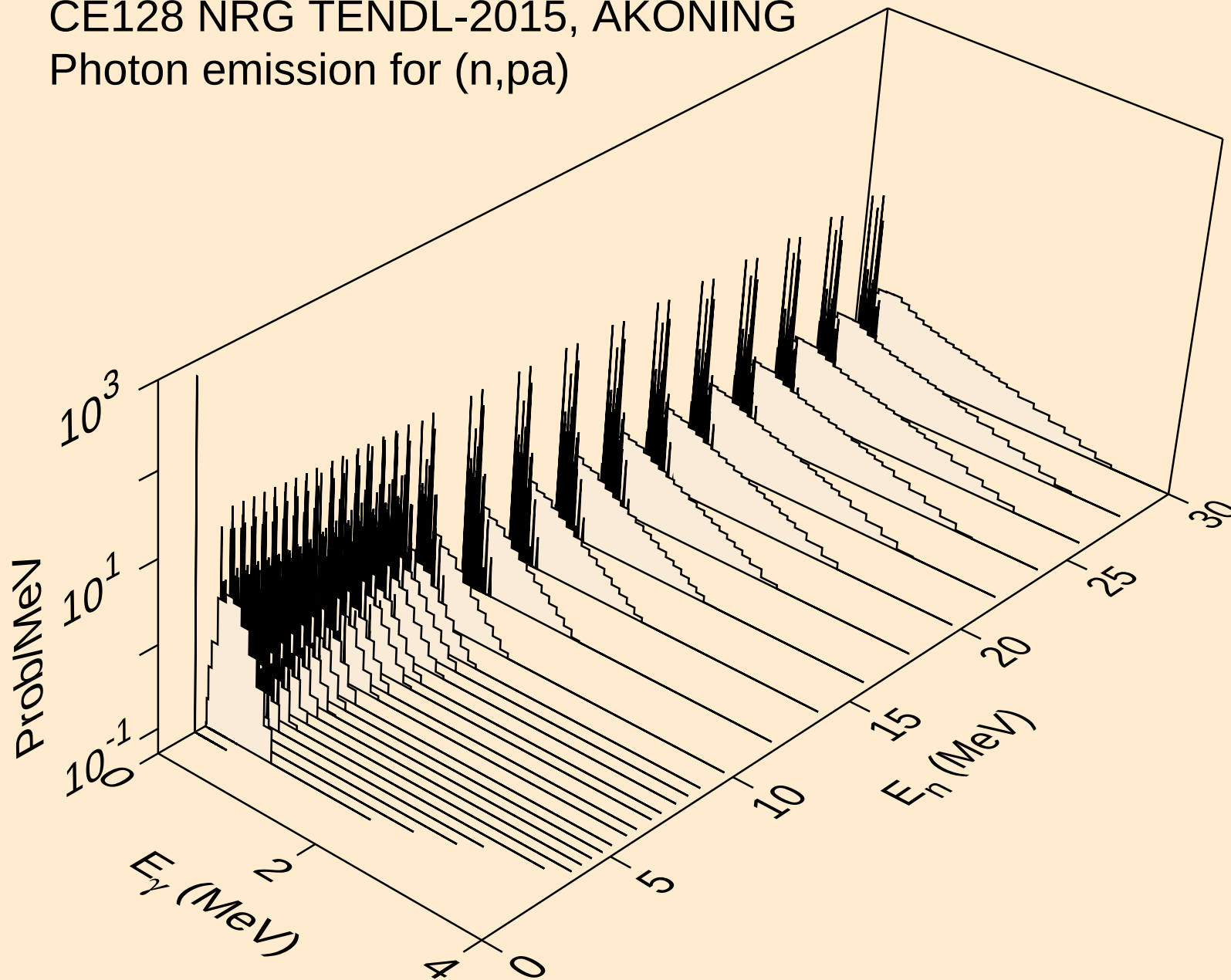
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

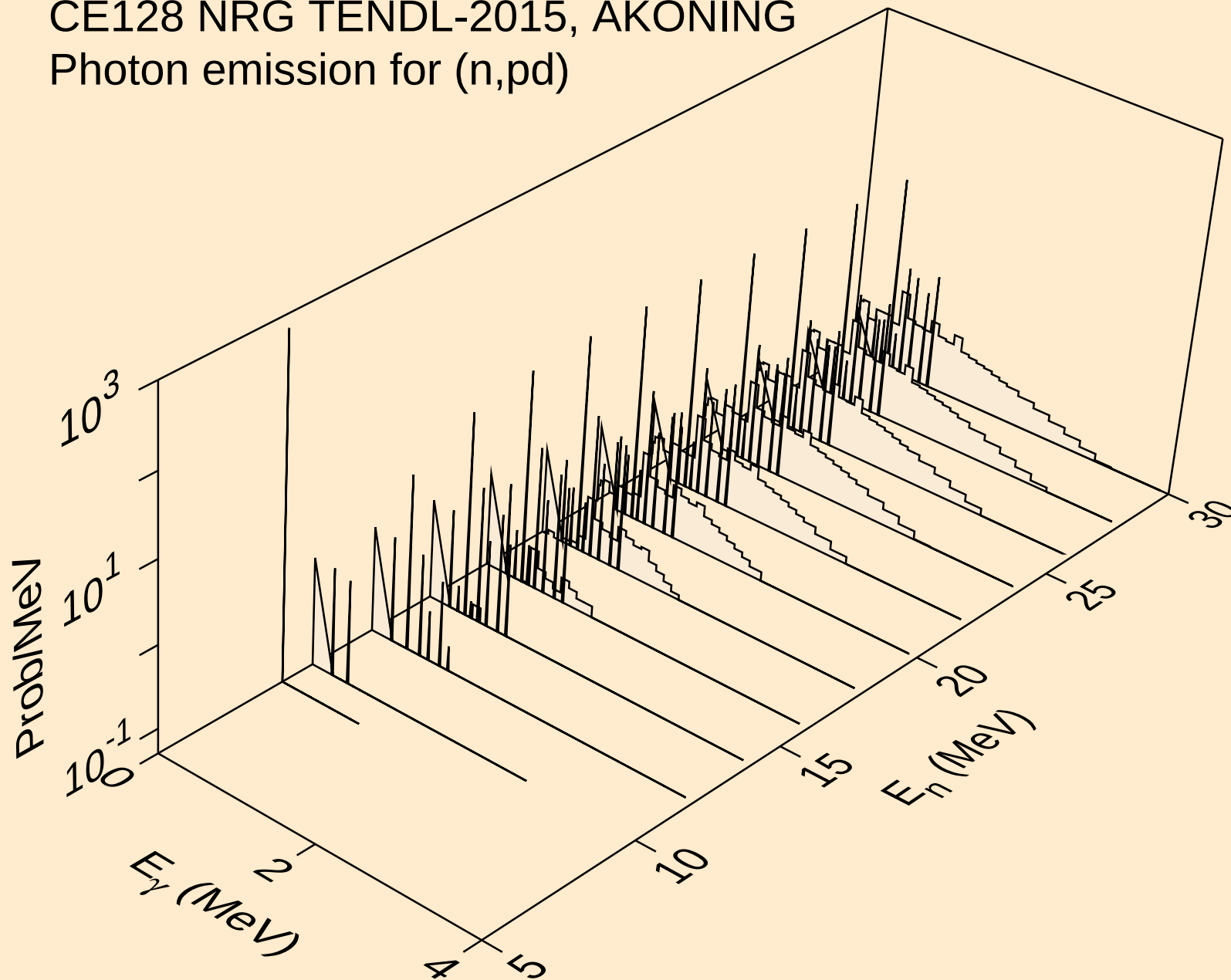


CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

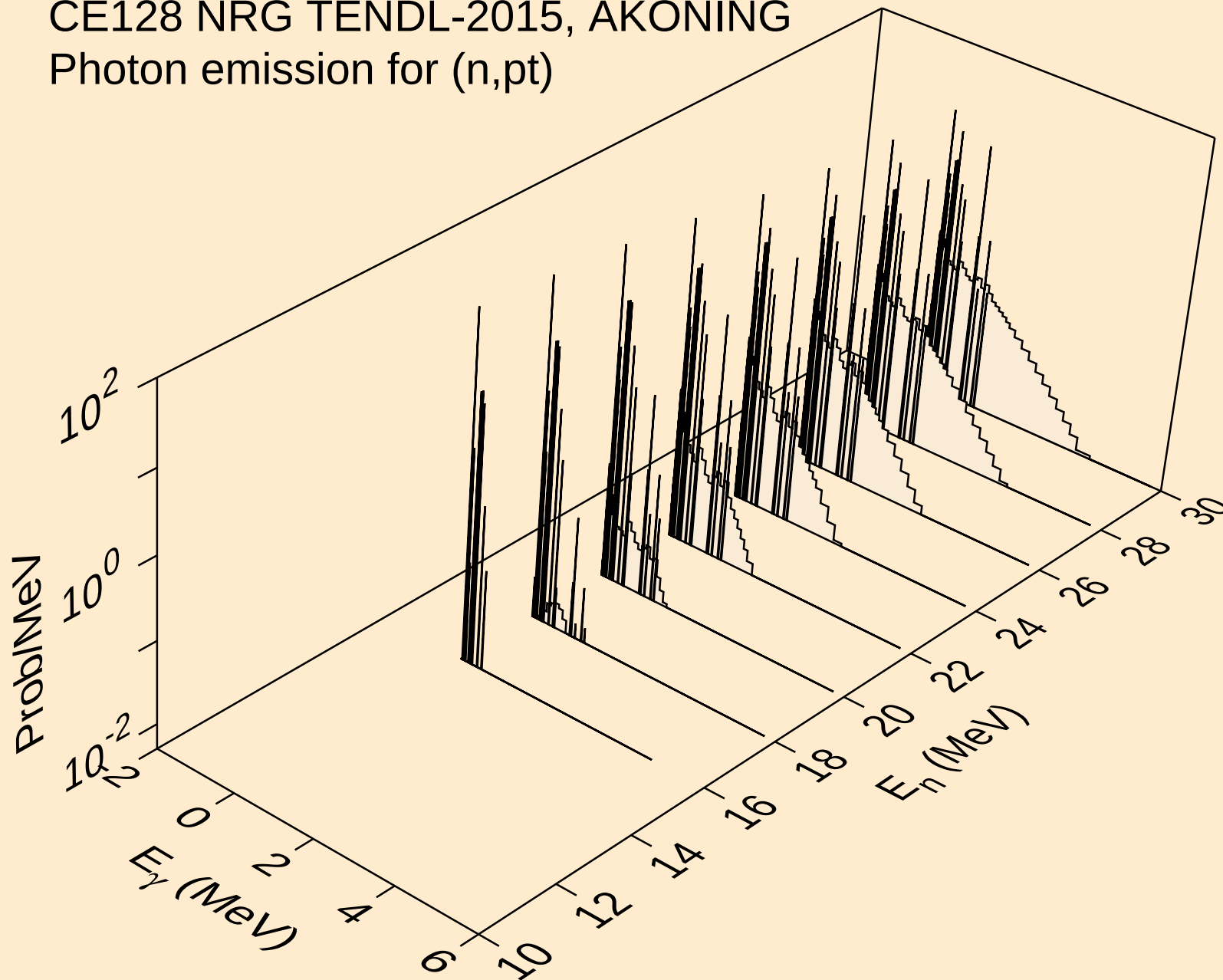




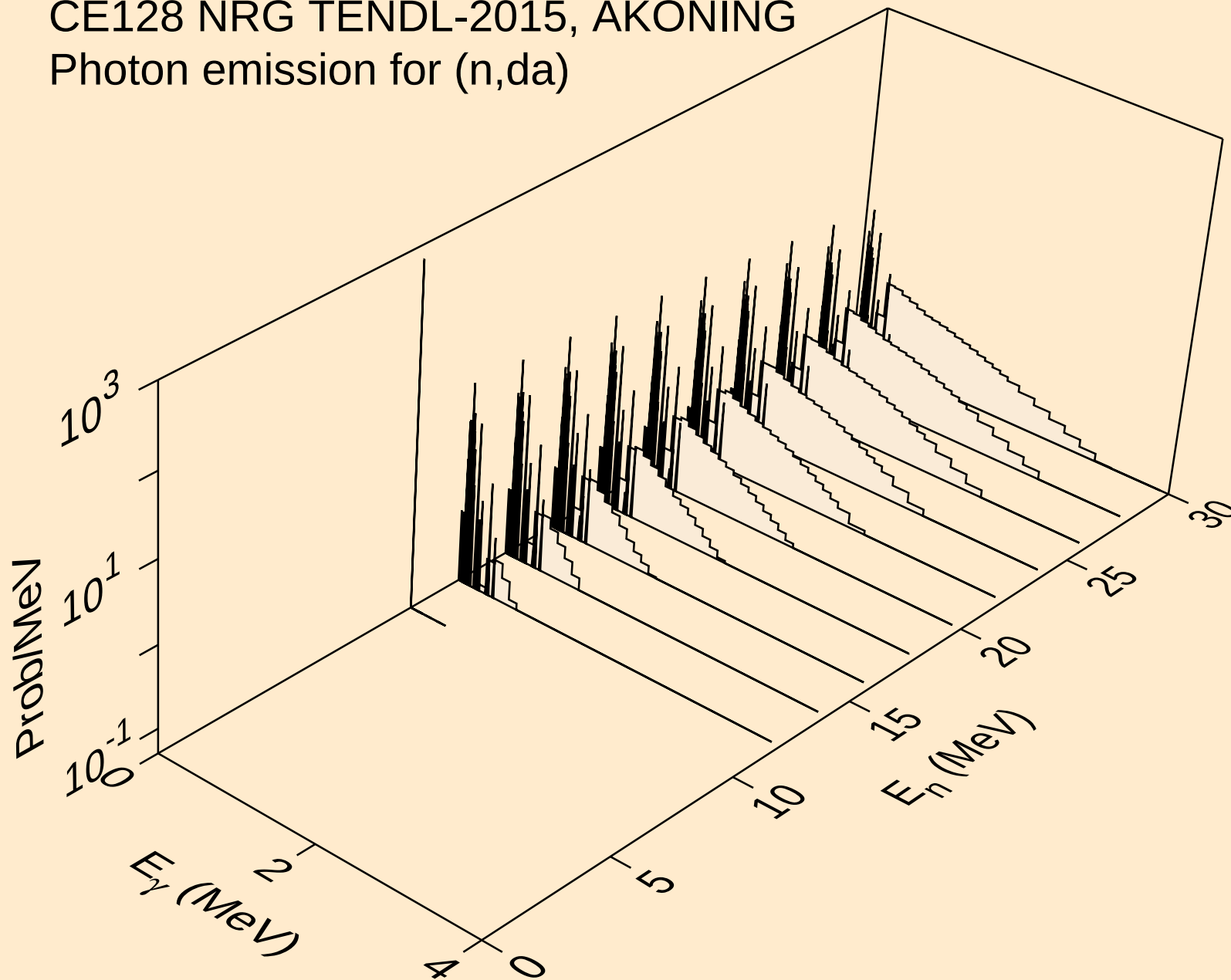
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



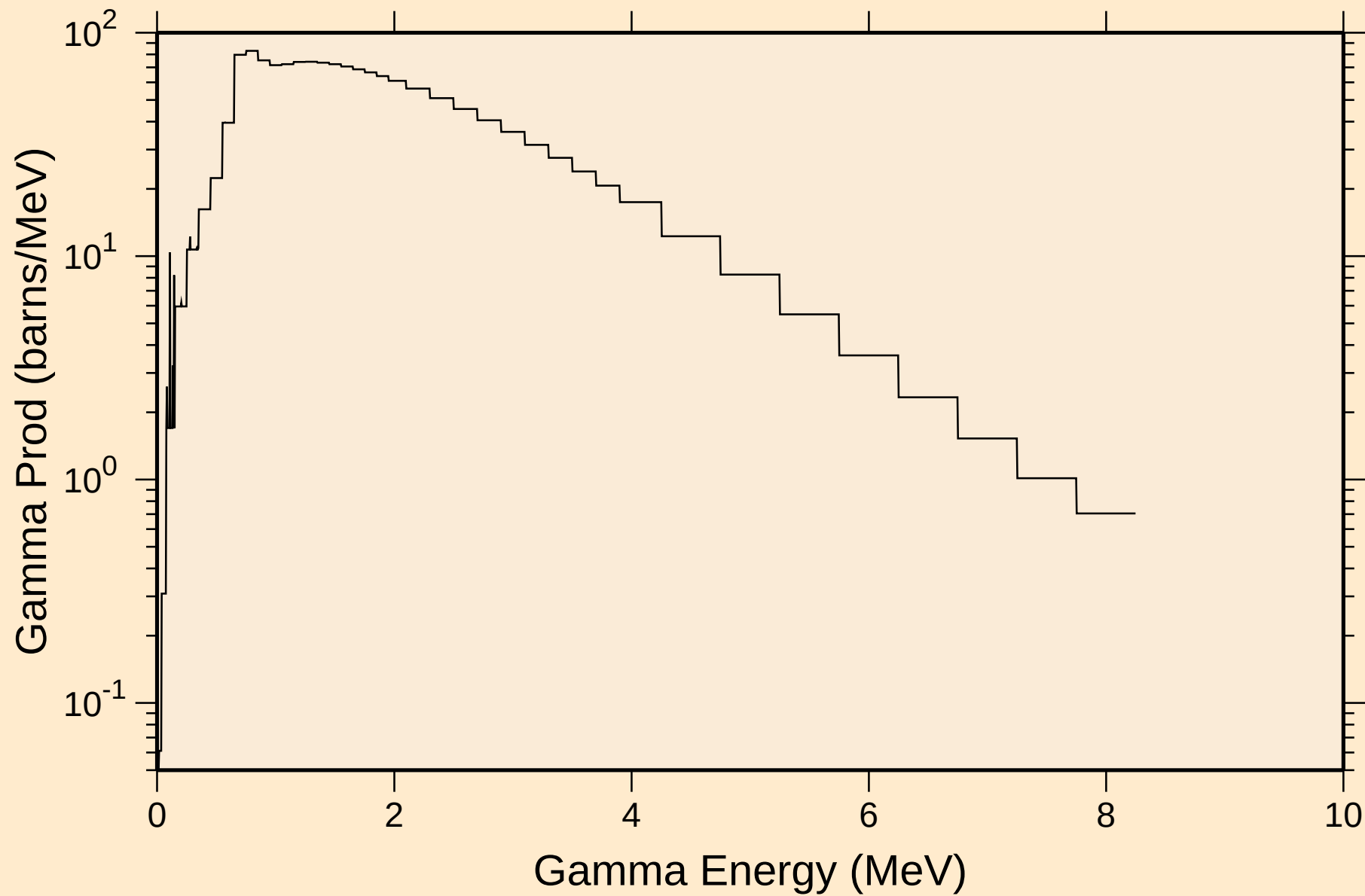
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



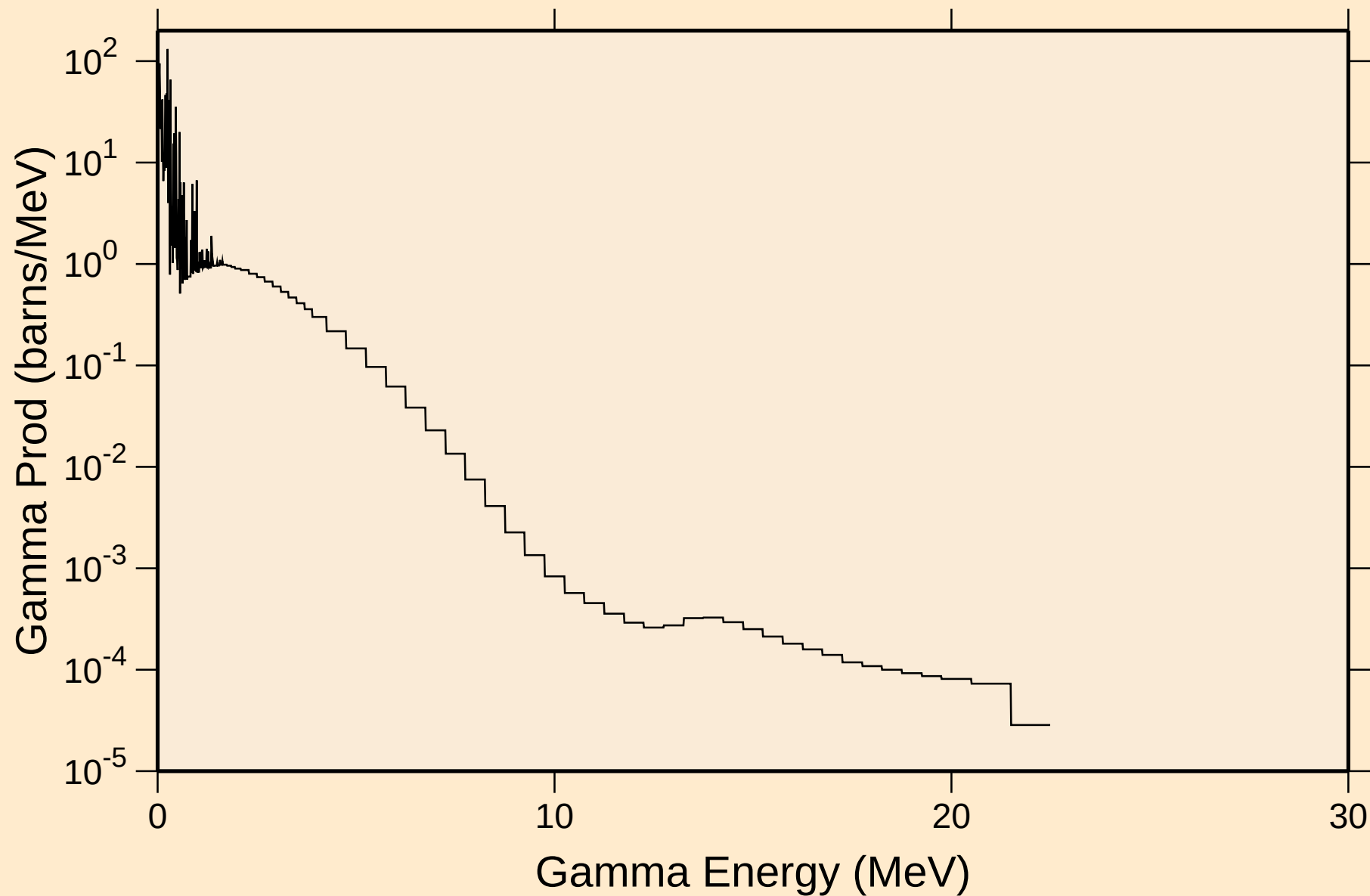
CE128 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CE128 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

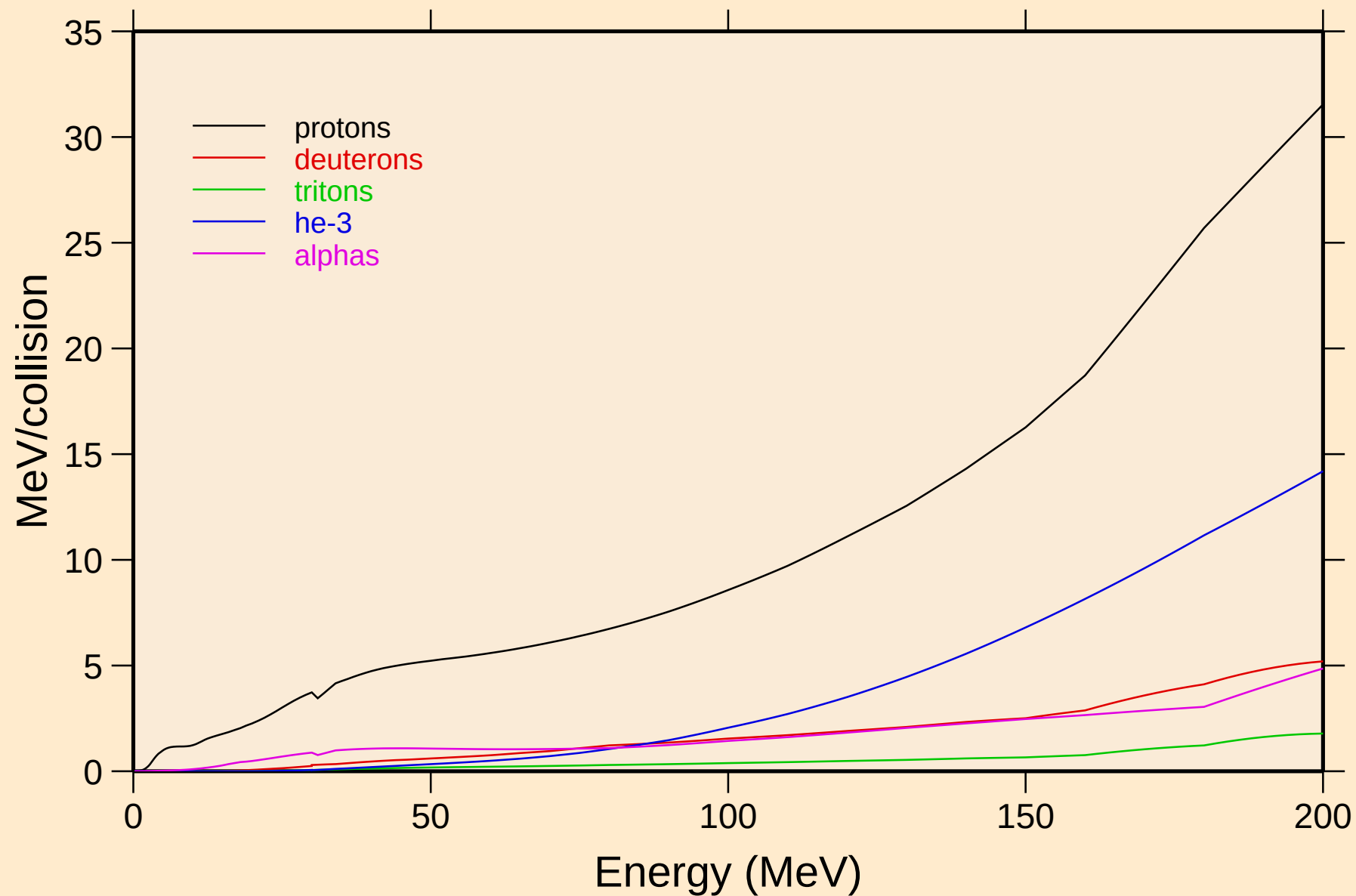


CE128 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



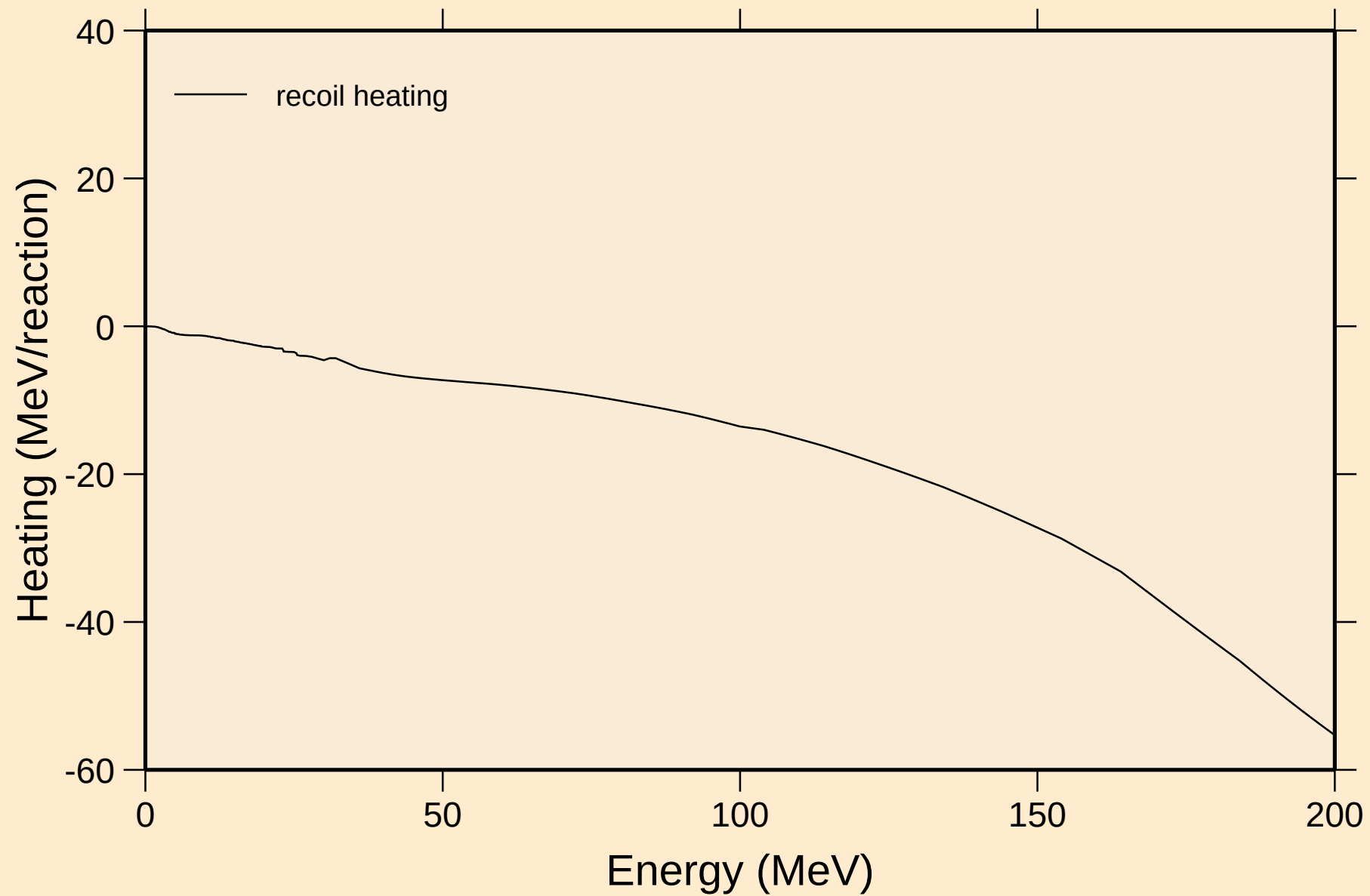
# CE128 NRG TENDL-2015, AKONING

## Particle heating contributions



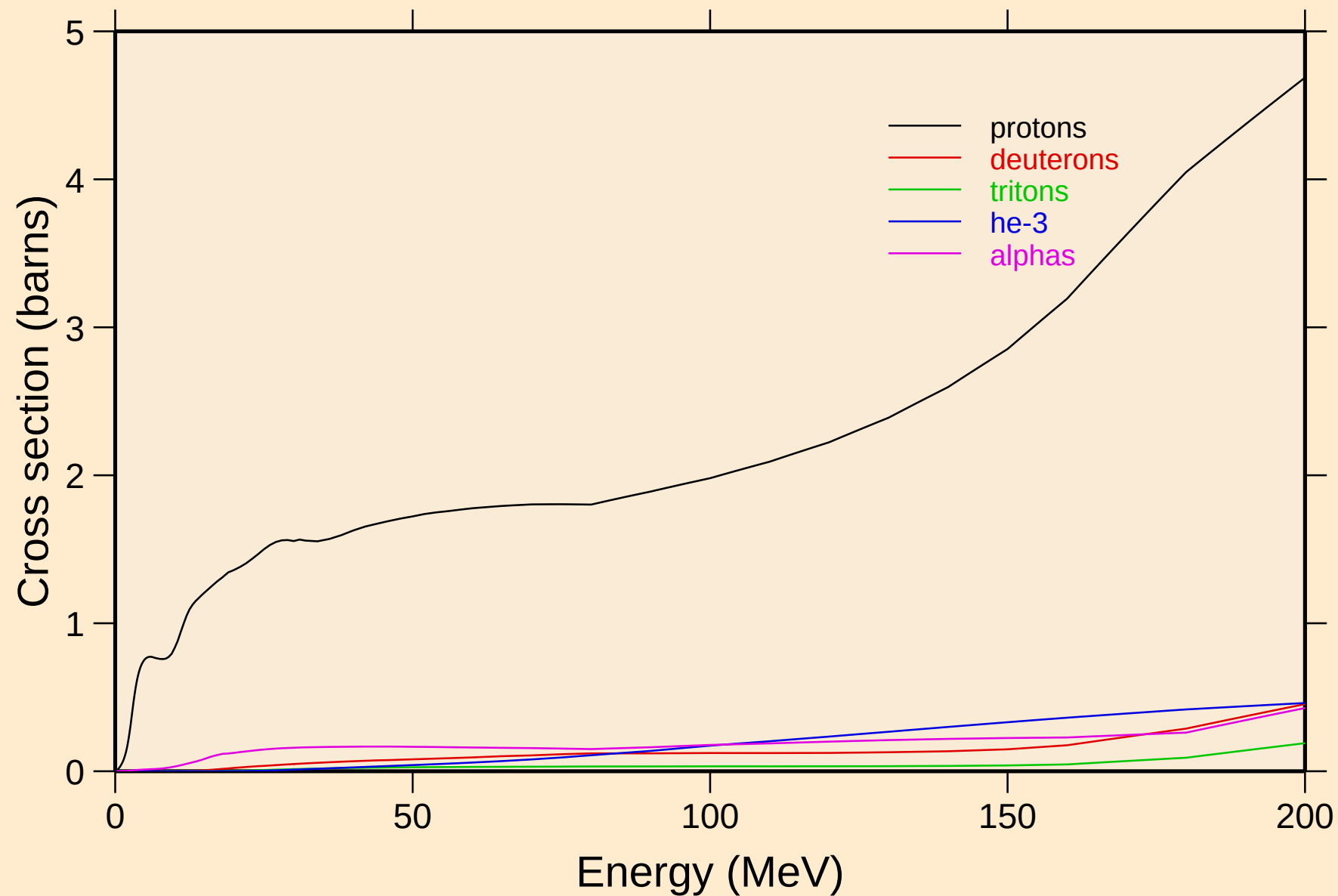
# CE128 NRG TENDL-2015, AKONING

## Recoil Heating



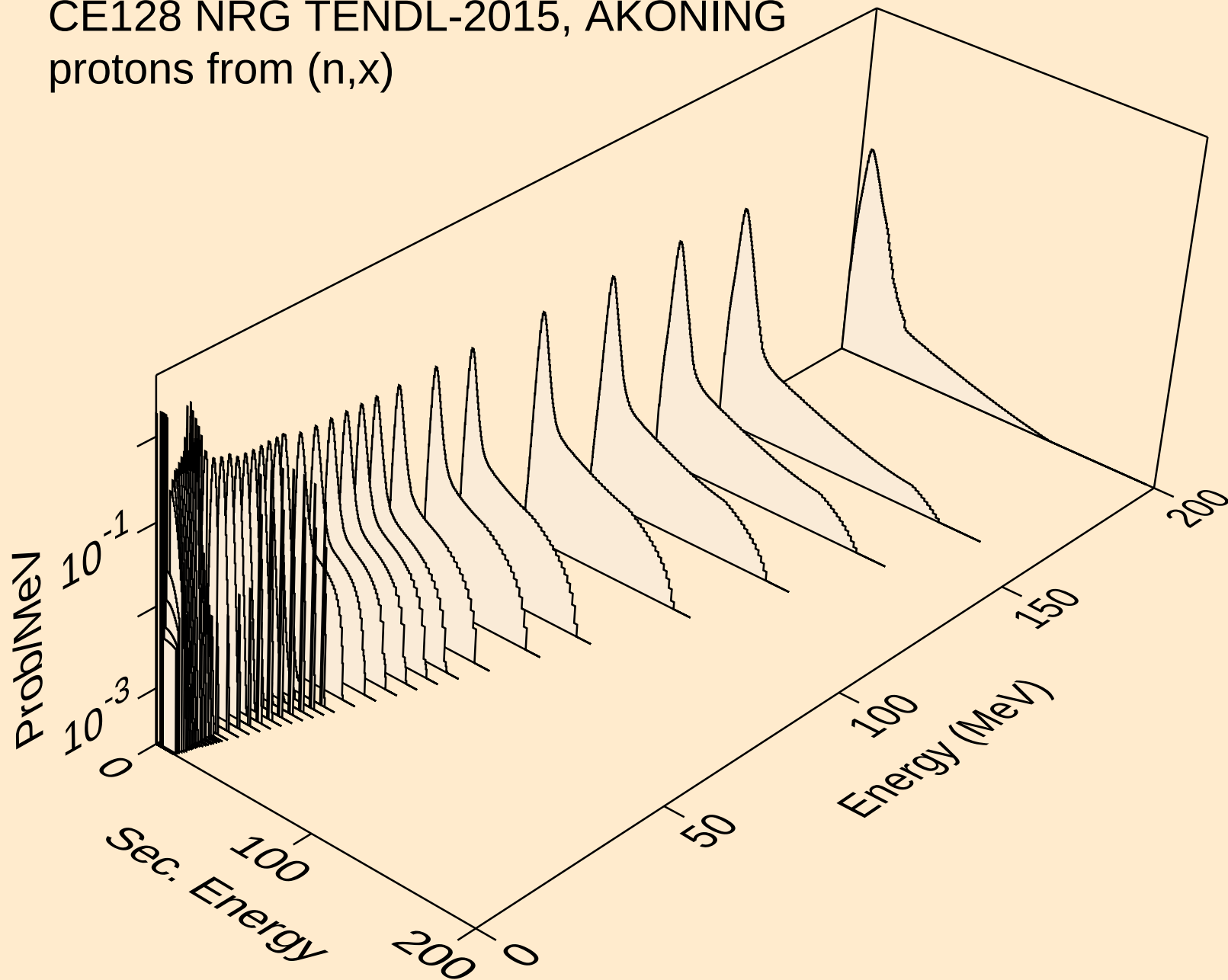
# CE128 NRG TENDL-2015, AKONING

## Particle production cross sections

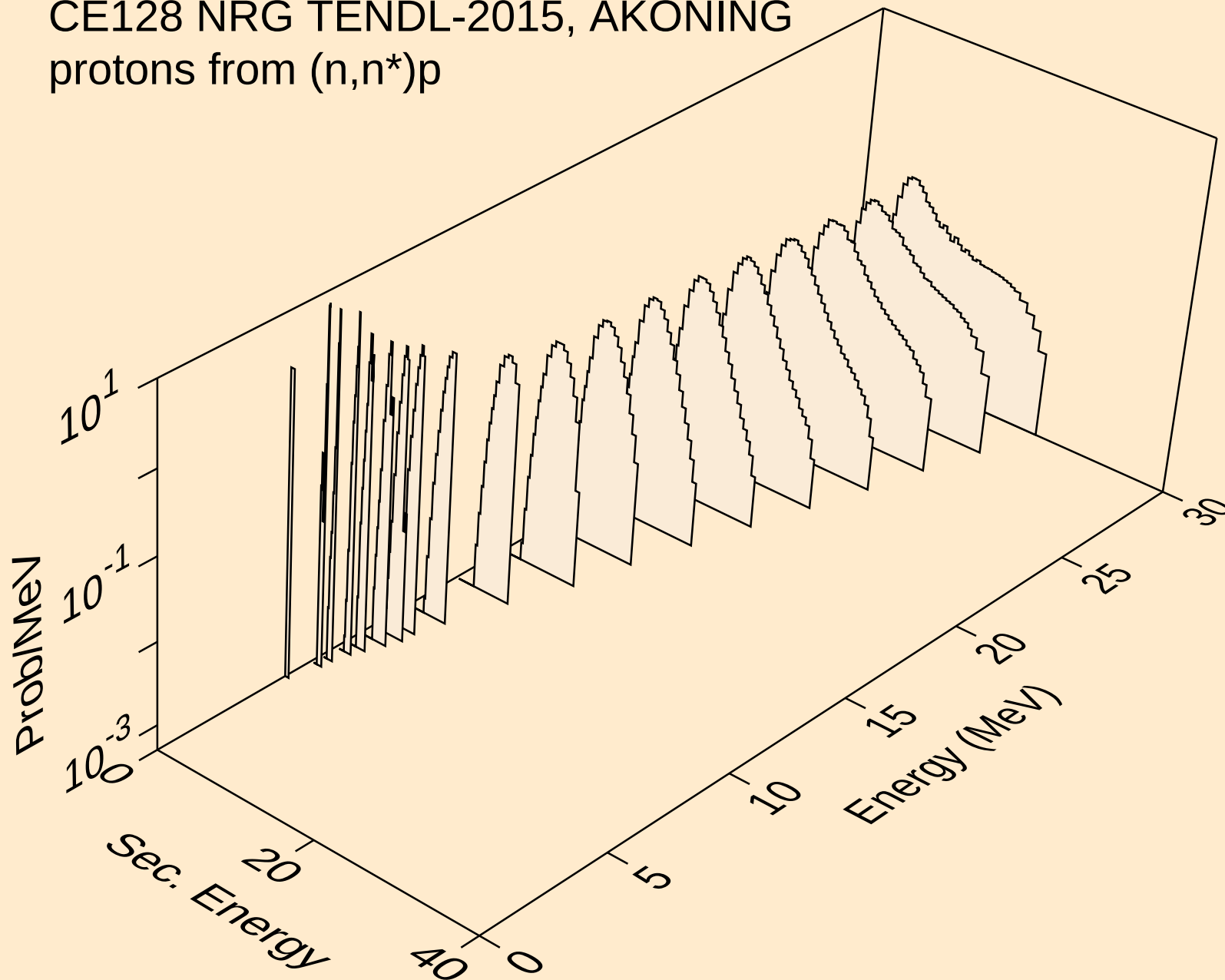




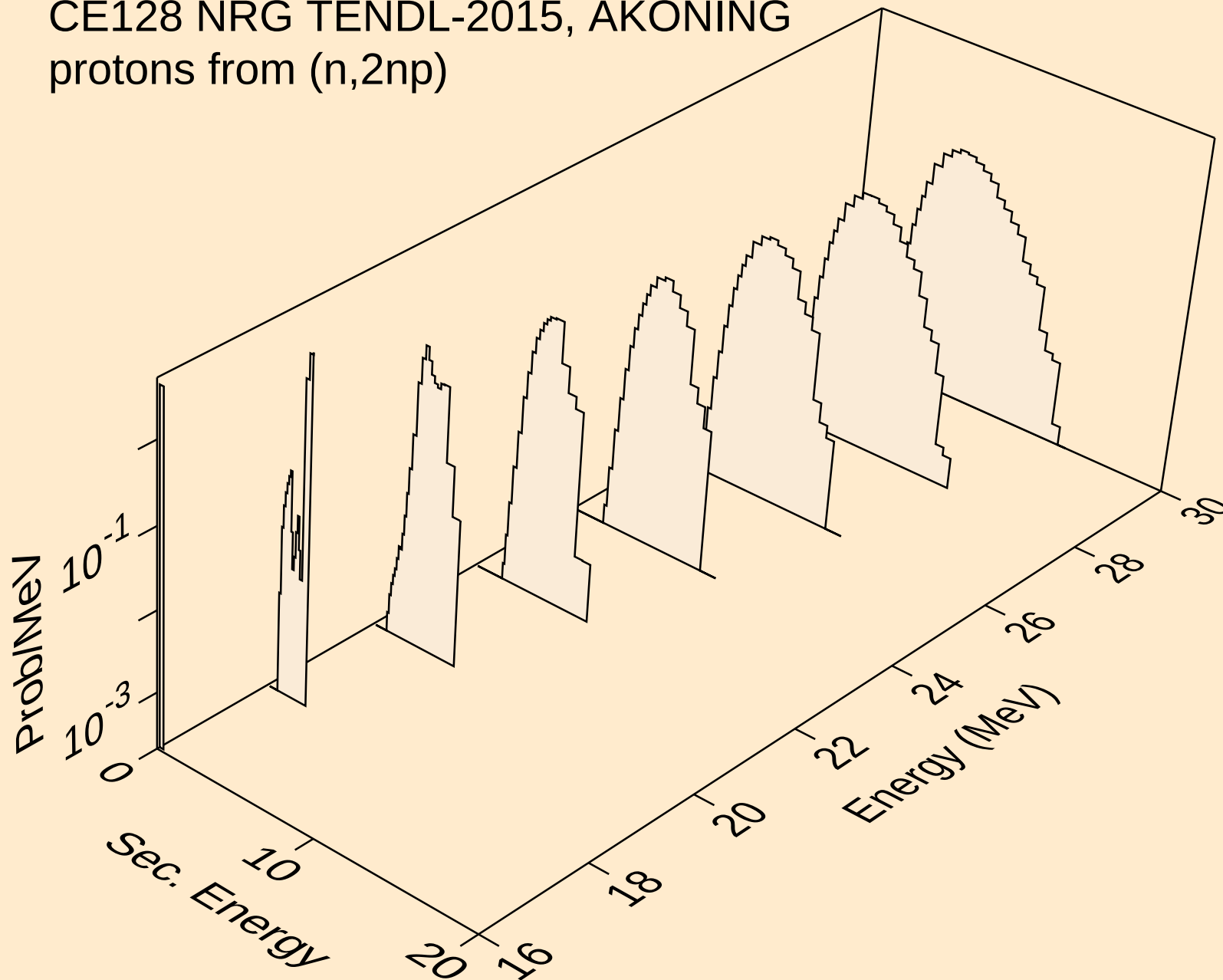
CE128 NRG TENDL-2015, AKONING  
protons from (n,x)



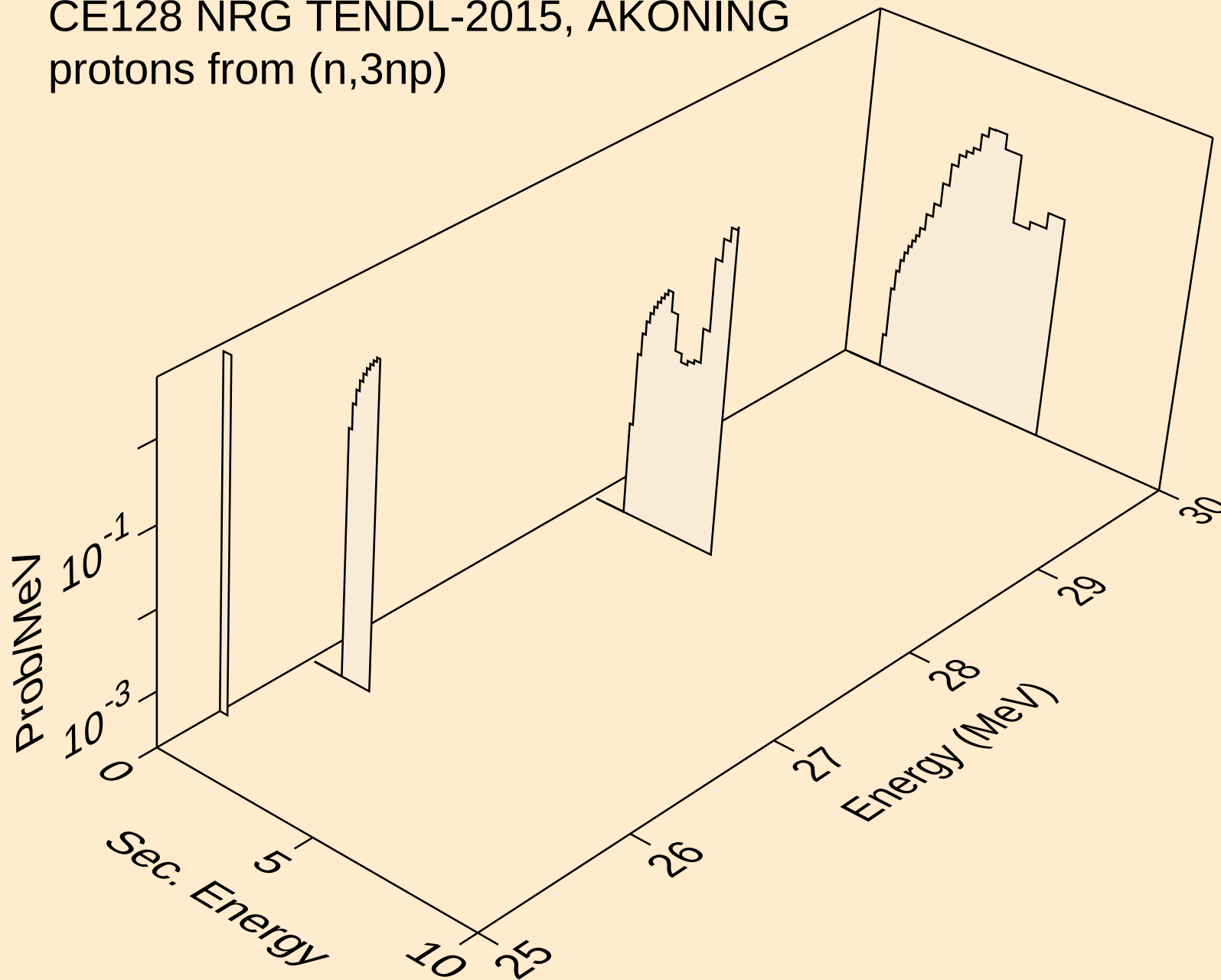
CE128 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



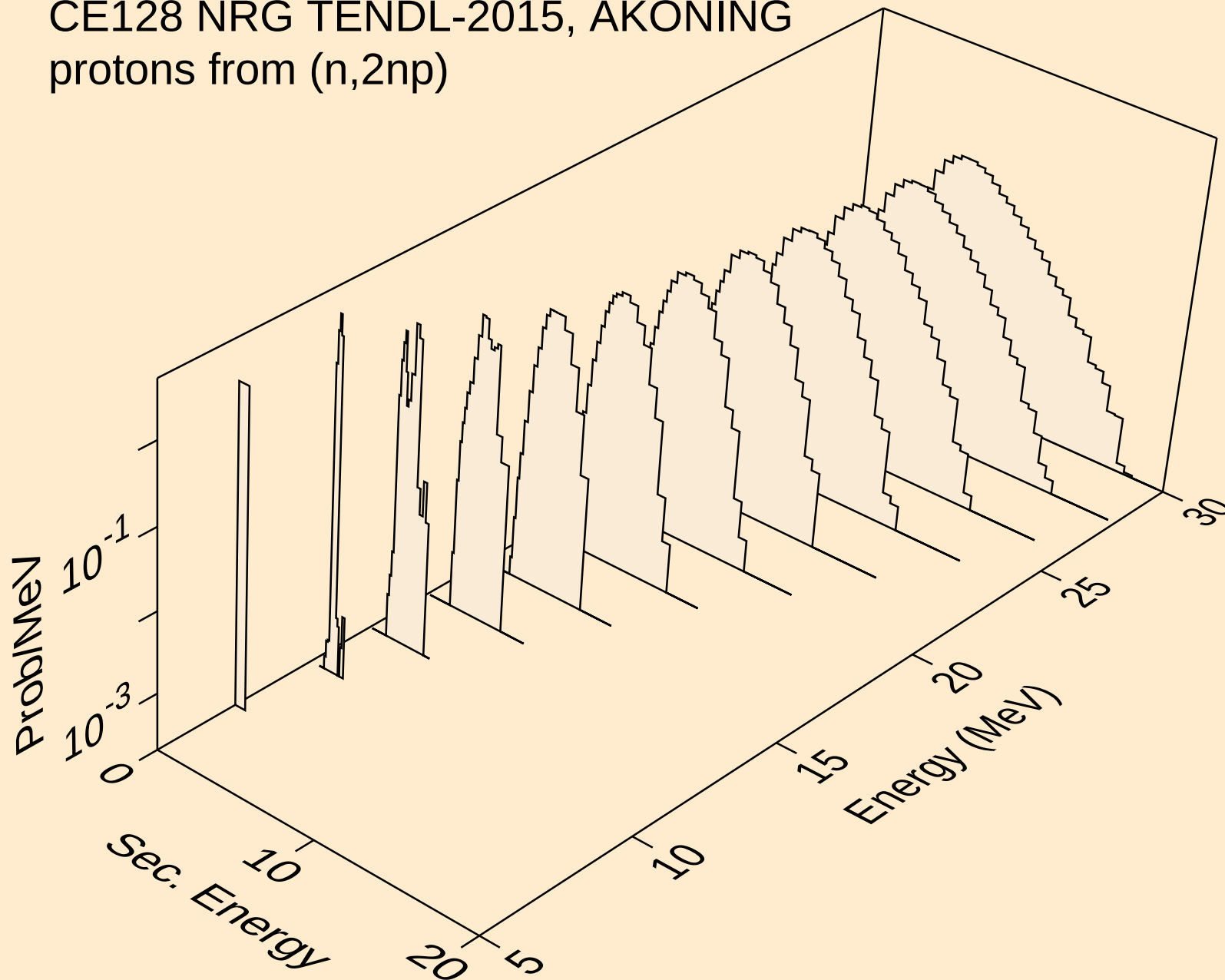
CE128 NRG TENDL-2015, AKONING  
protons from (n,2np)



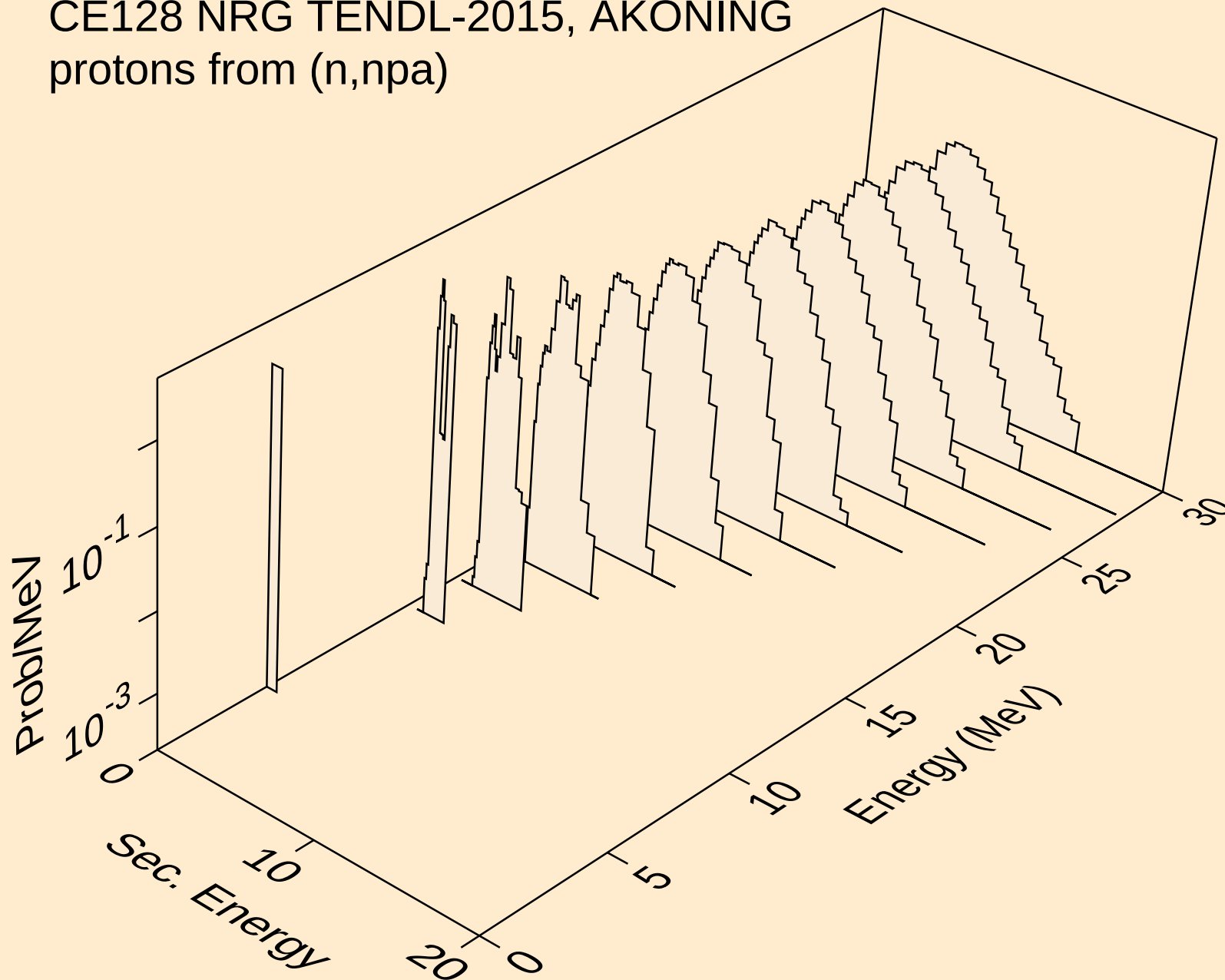
CE128 NRG TENDL-2015, AKONING  
protons from (n,3np)



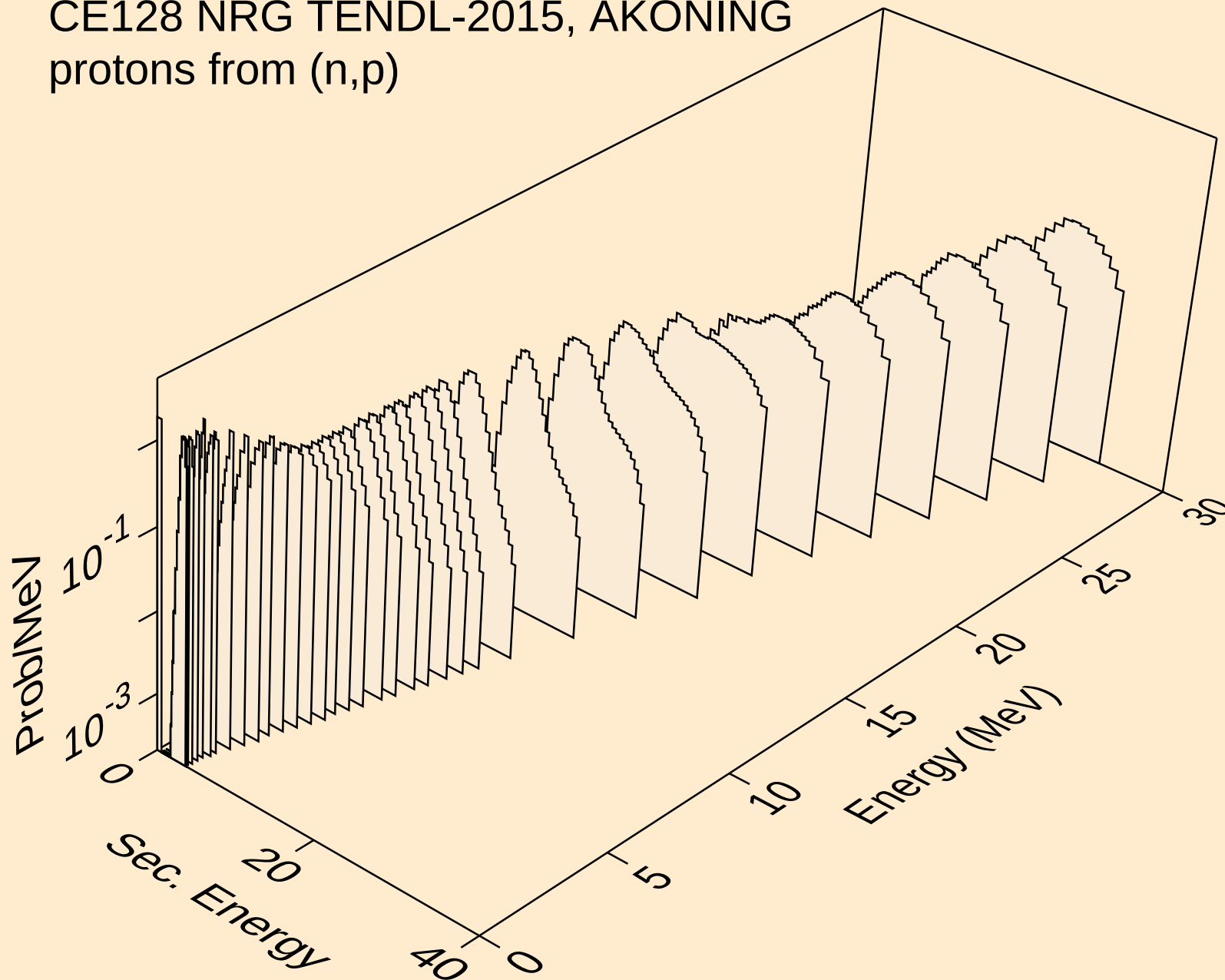
CE128 NRG TENDL-2015, AKONING  
protons from (n,2np)



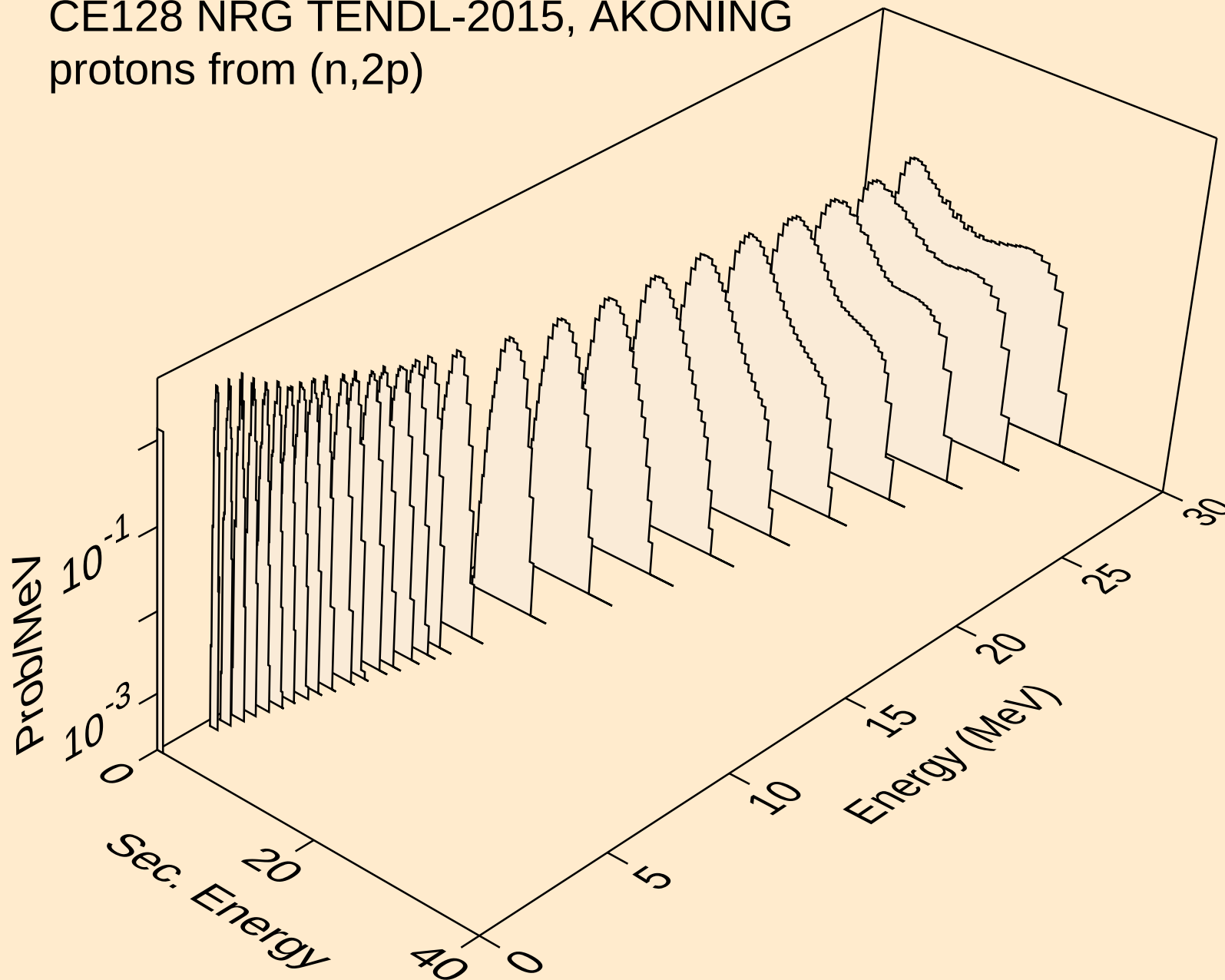
CE128 NRG TENDL-2015, AKONING  
protons from (n,npa)



CE128 NRG TENDL-2015, AKONING  
protons from (n,p)

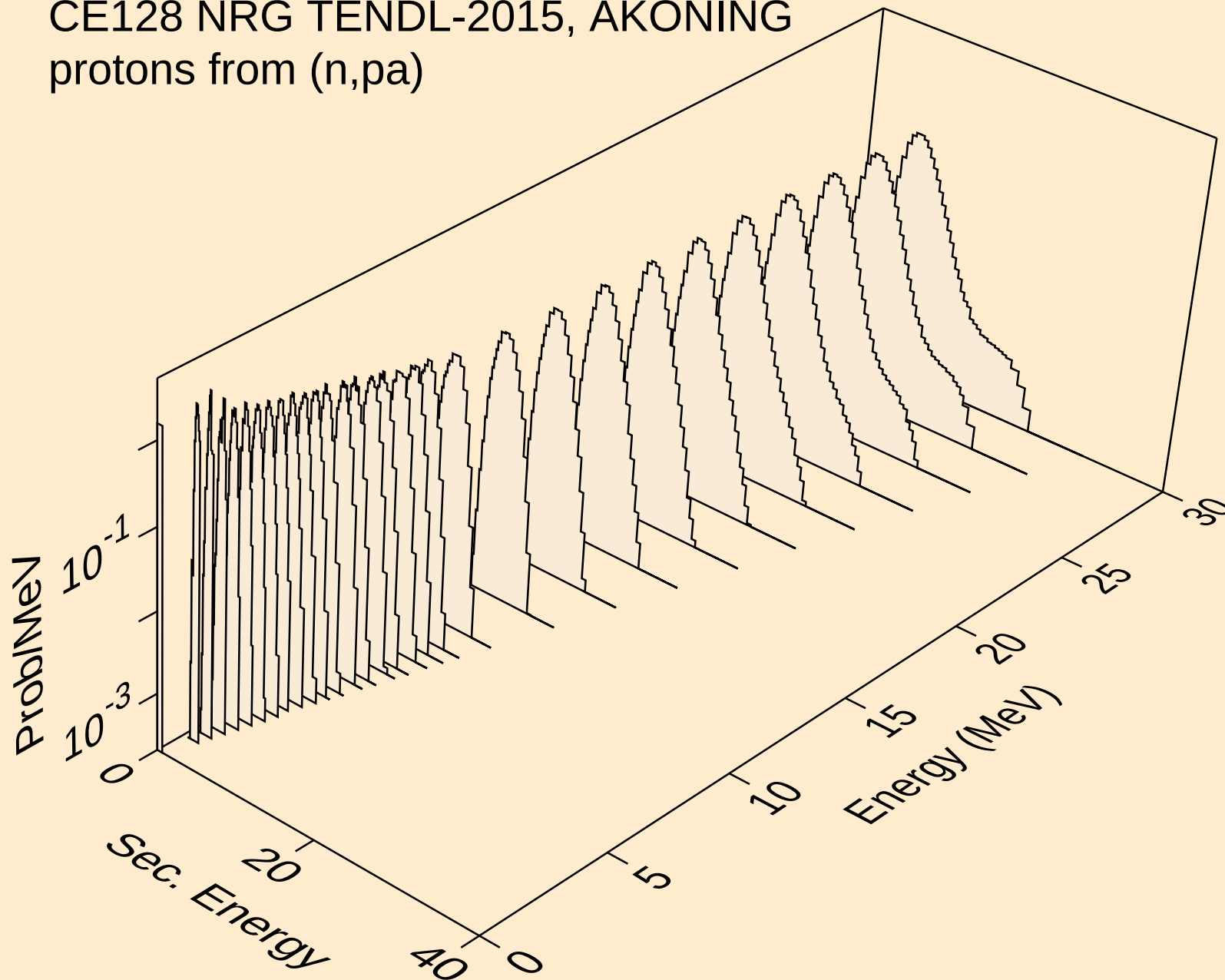


CE128 NRG TENDL-2015, AKONING  
protons from (n,2p)

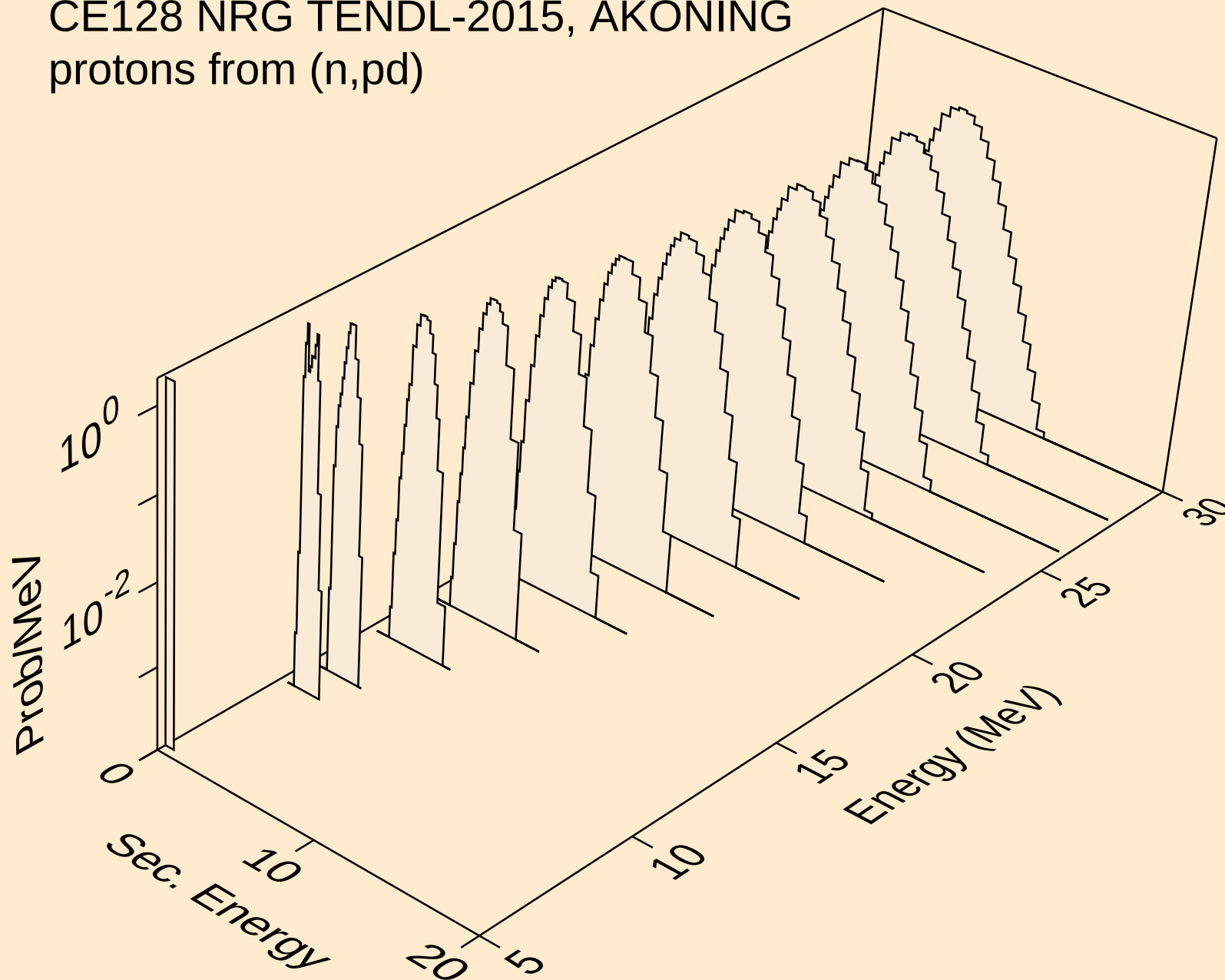




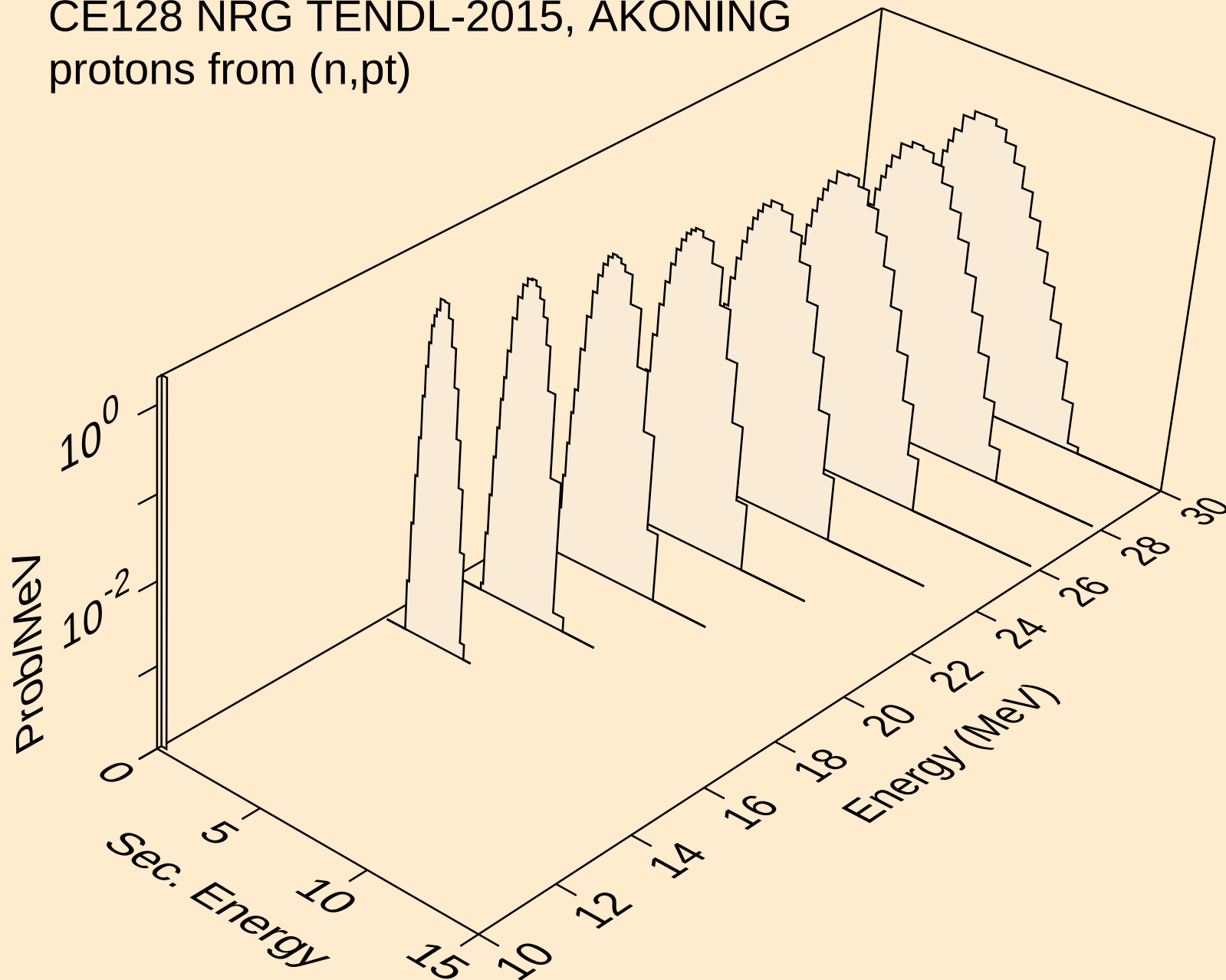
CE128 NRG TENDL-2015, AKONING  
protons from (n,pa)



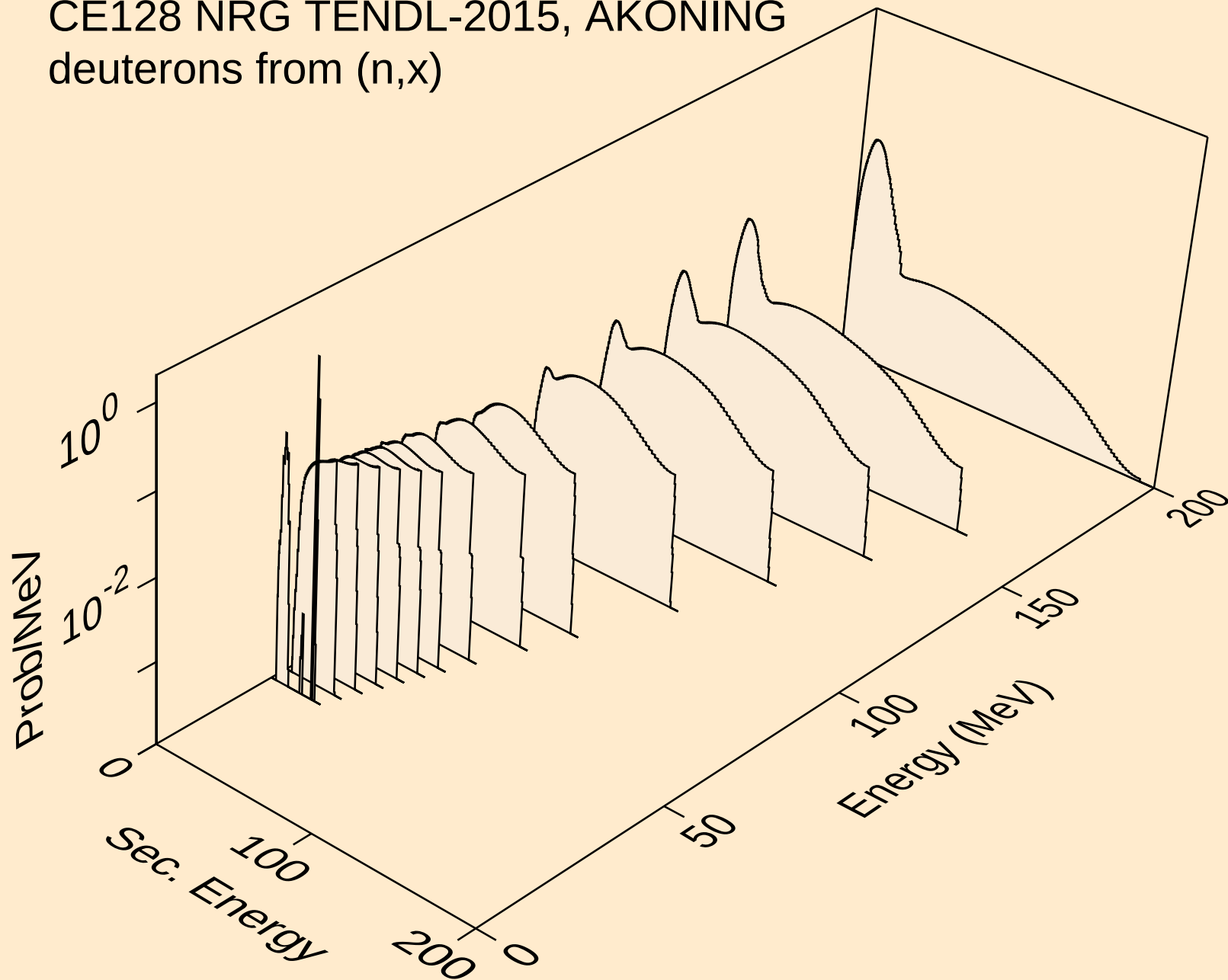
CE128 NRG TENDL-2015, AKONING  
protons from (n,pd)



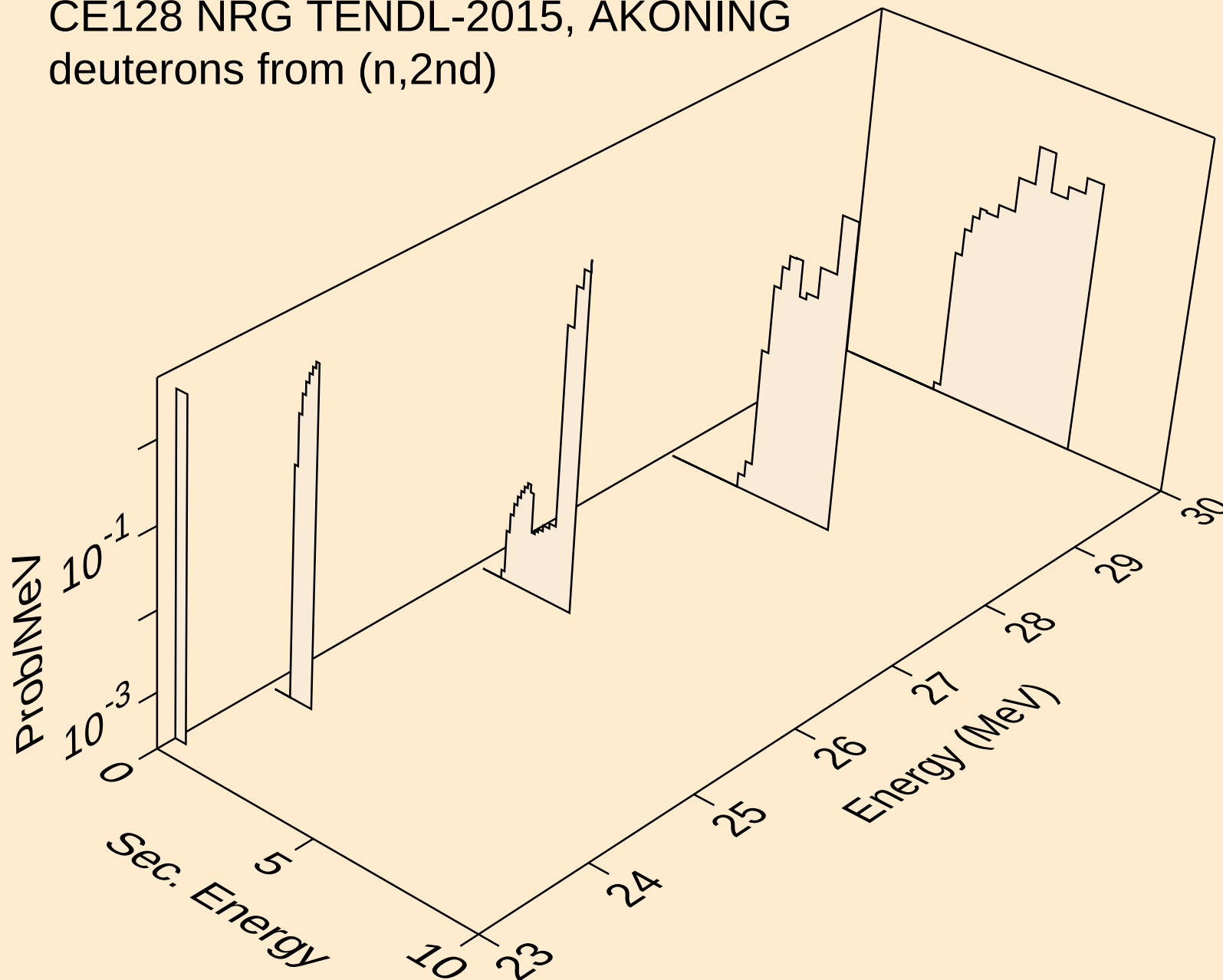
CE128 NRG TENDL-2015, AKONING  
protons from (n,pt)



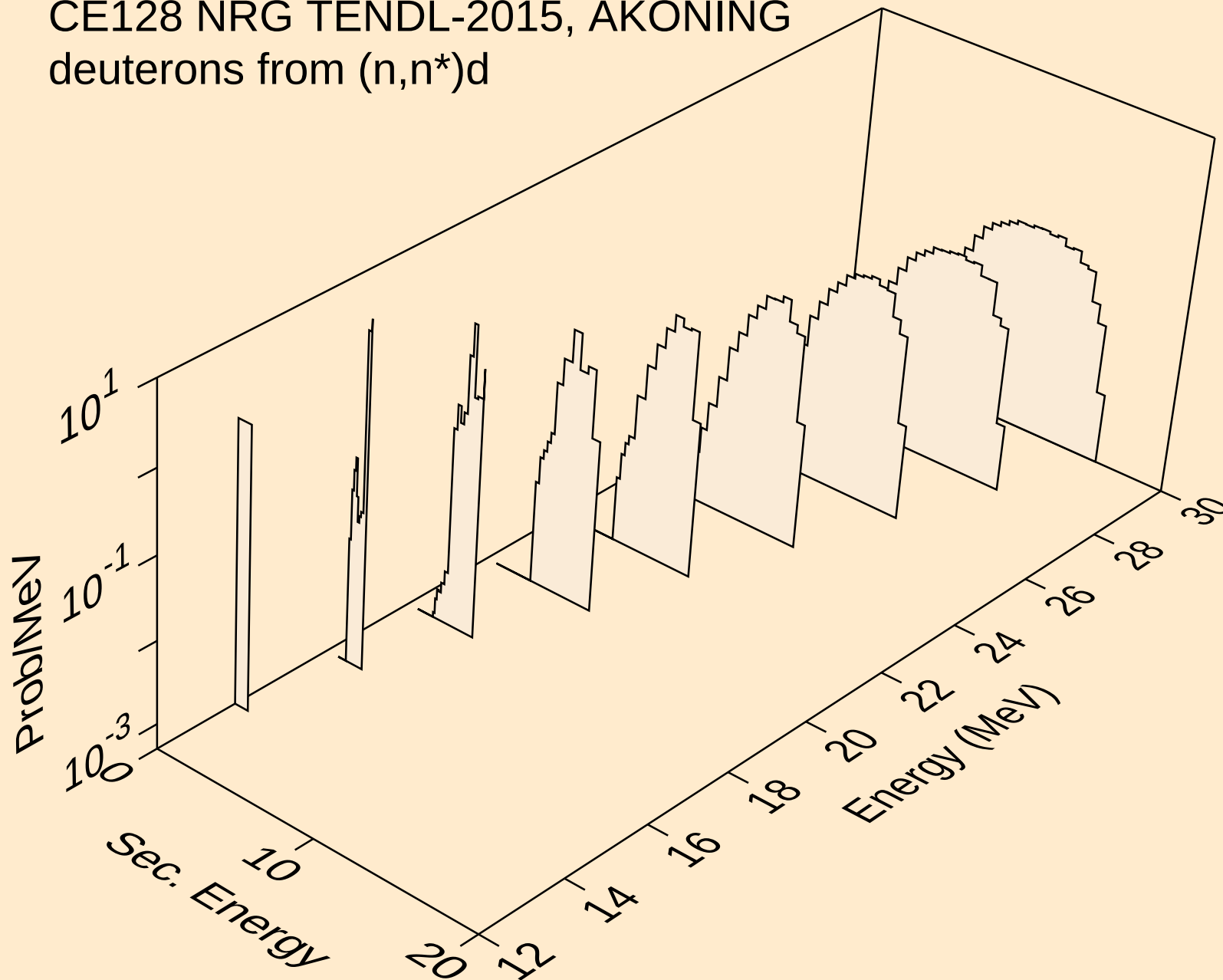
CE128 NRG TENDL-2015, AKONING  
deuterons from (n,x)



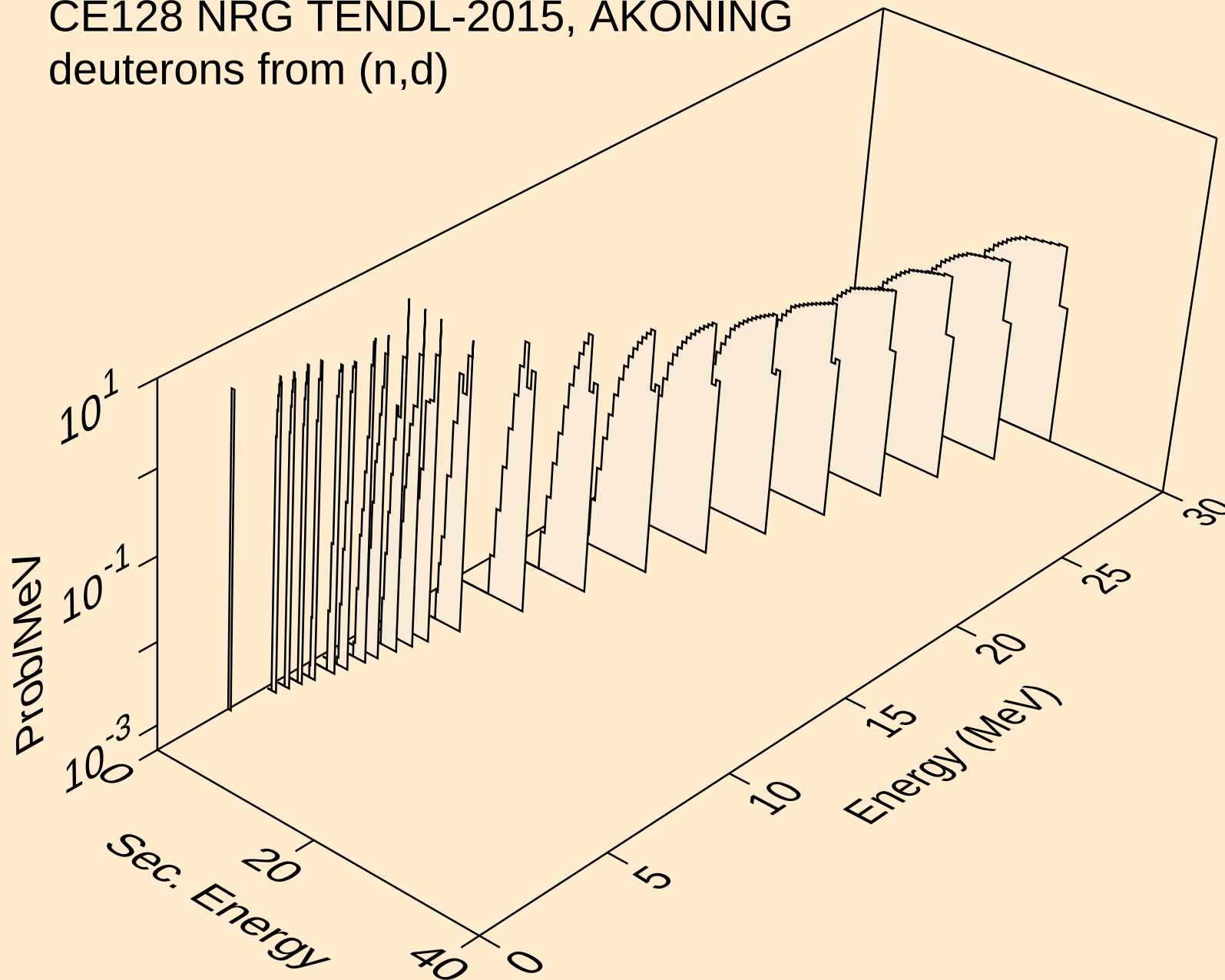
CE128 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



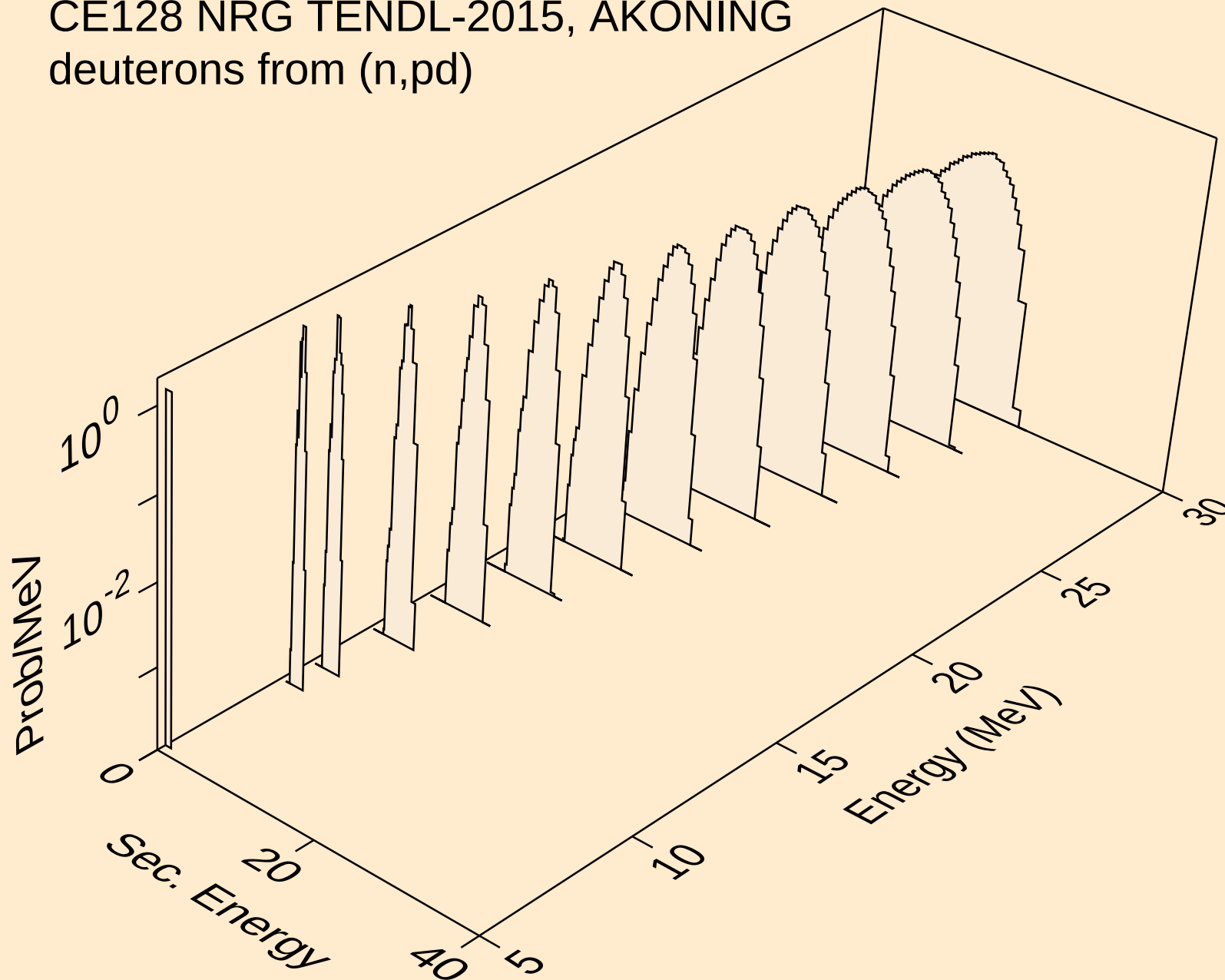
CE128 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



CE128 NRG TENDL-2015, AKONING  
deuterons from (n,d)

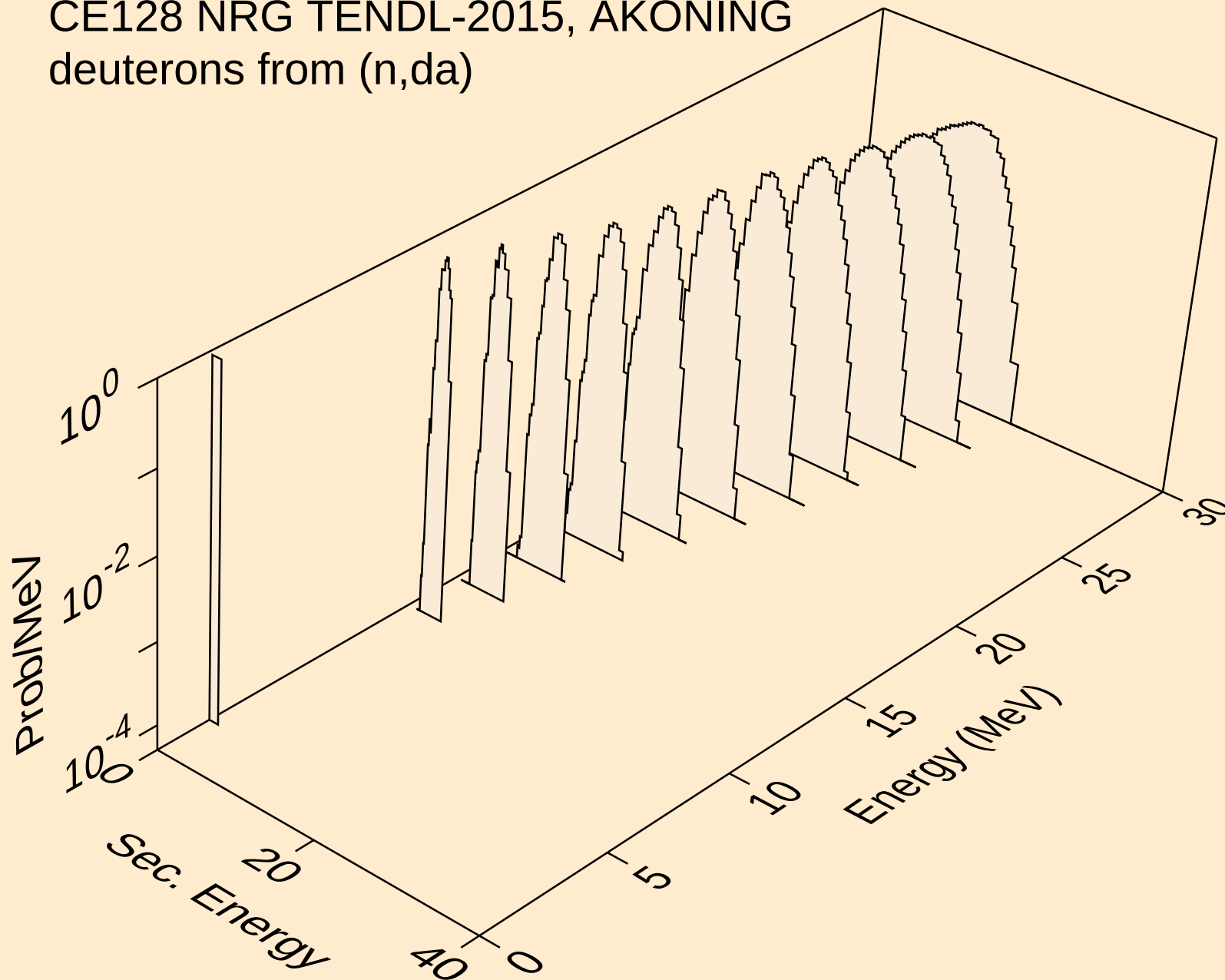


CE128 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

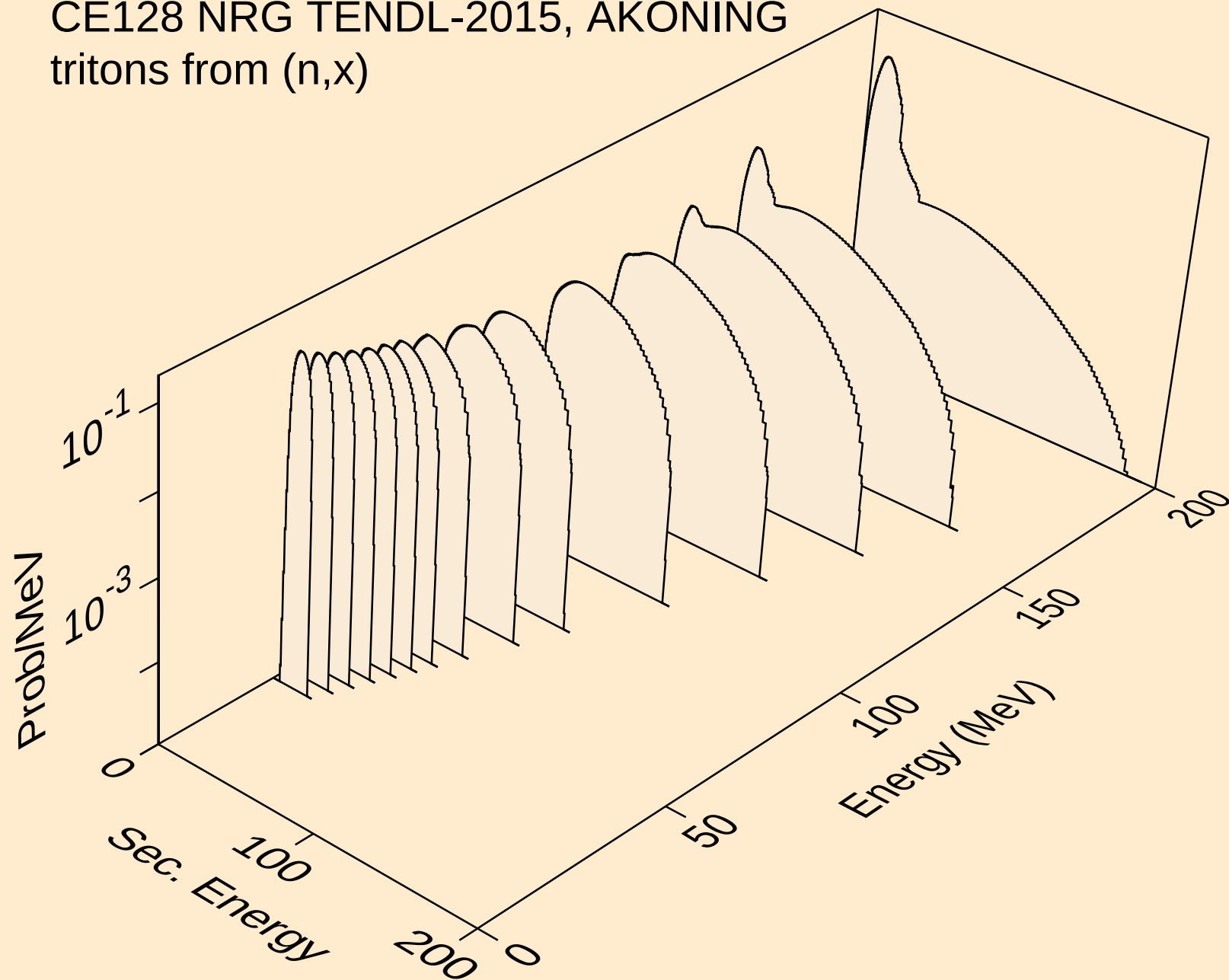




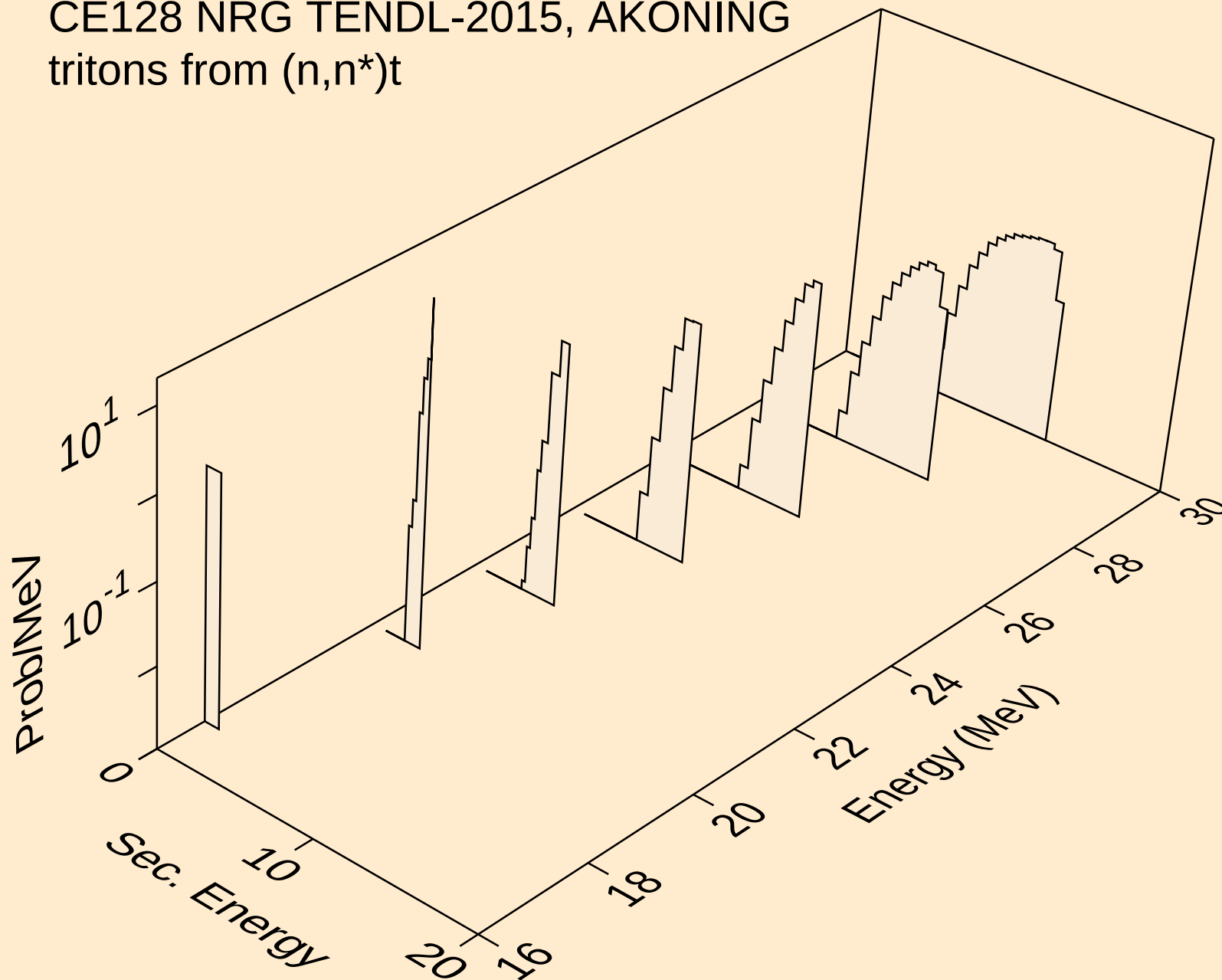
CE128 NRG TENDL-2015, AKONING  
deuterons from (n,da)



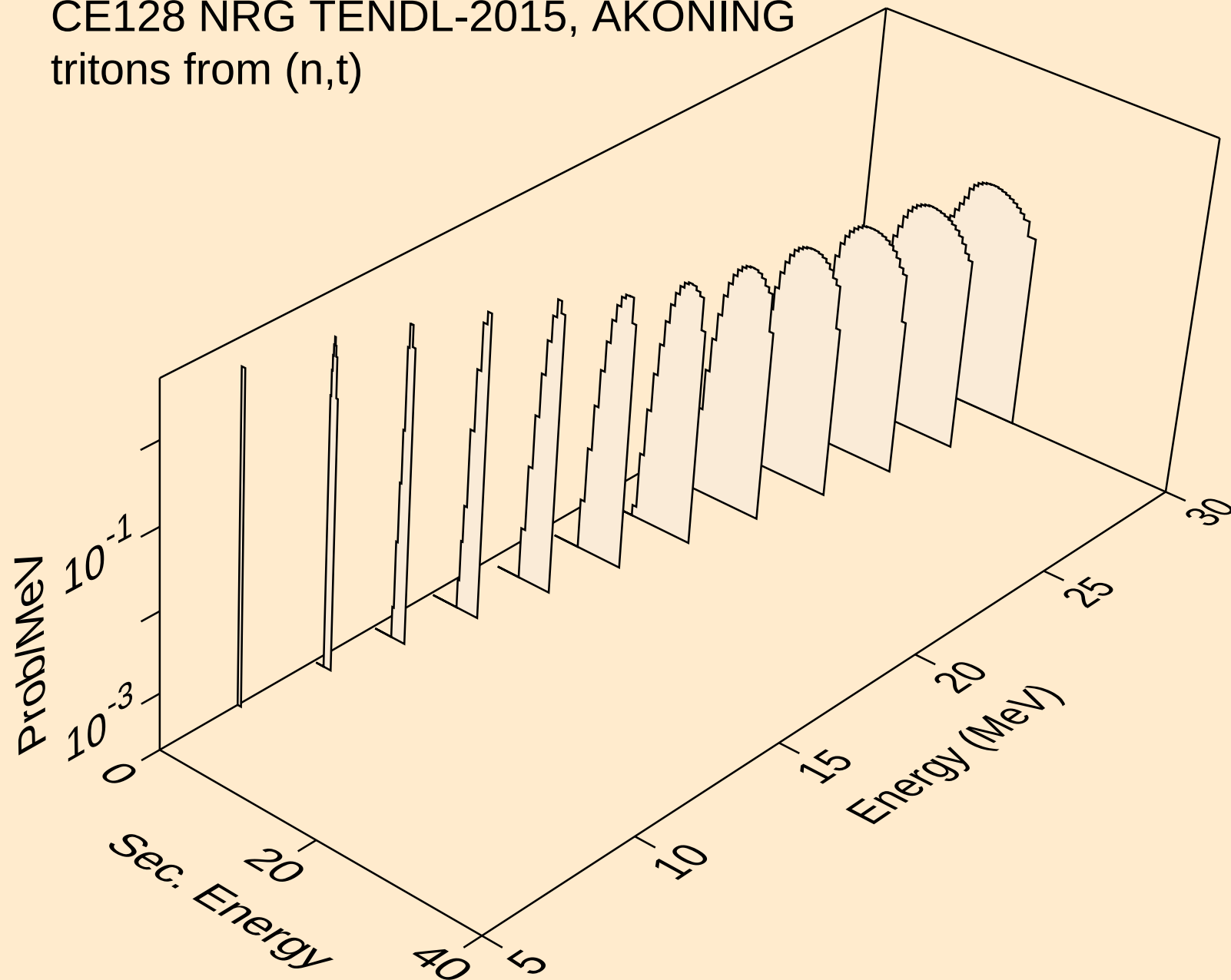
CE128 NRG TENDL-2015, AKONING  
tritons from (n,x)



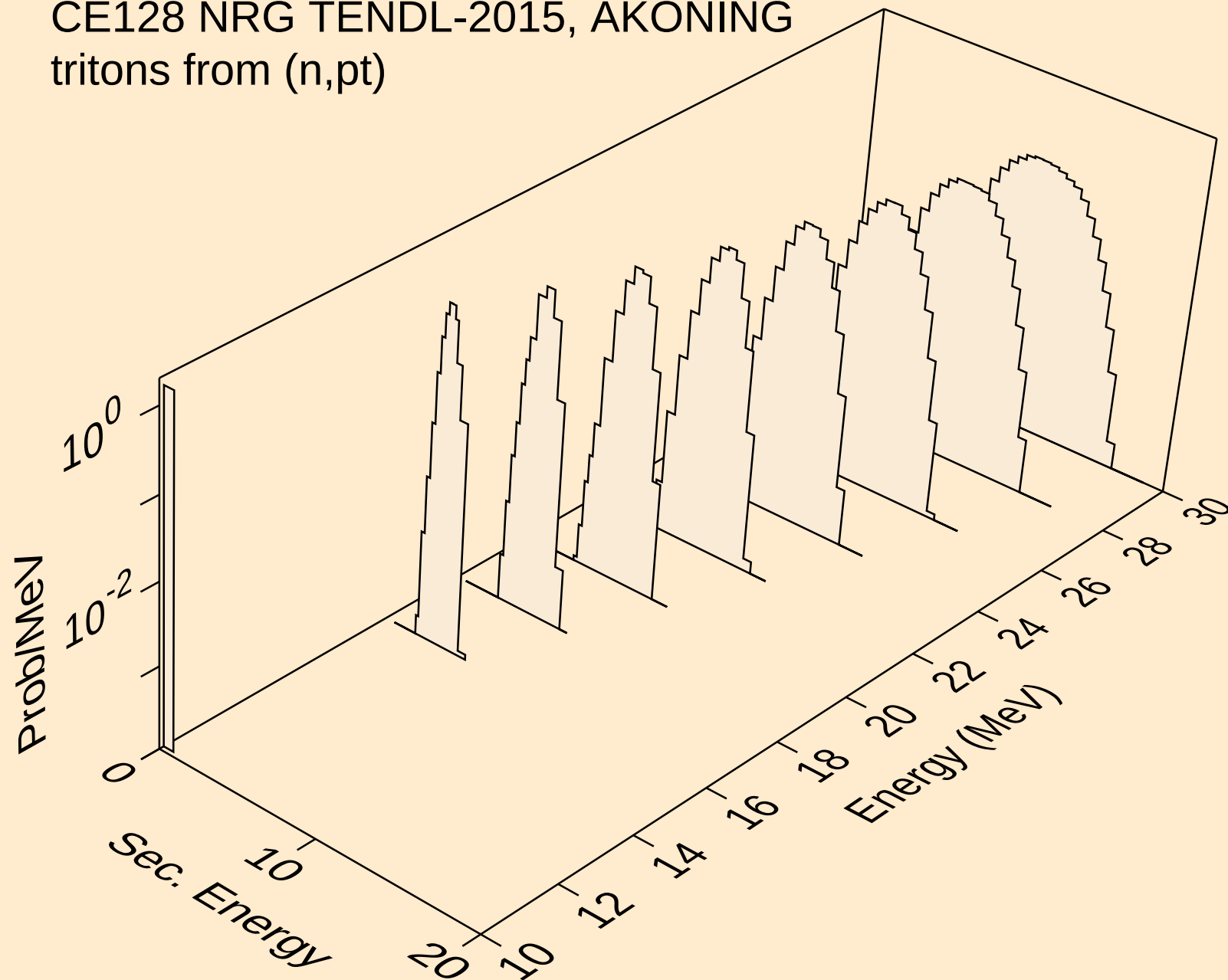
CE128 NRG TENDL-2015, AKONING  
tritons from  $(n,n^*)t$



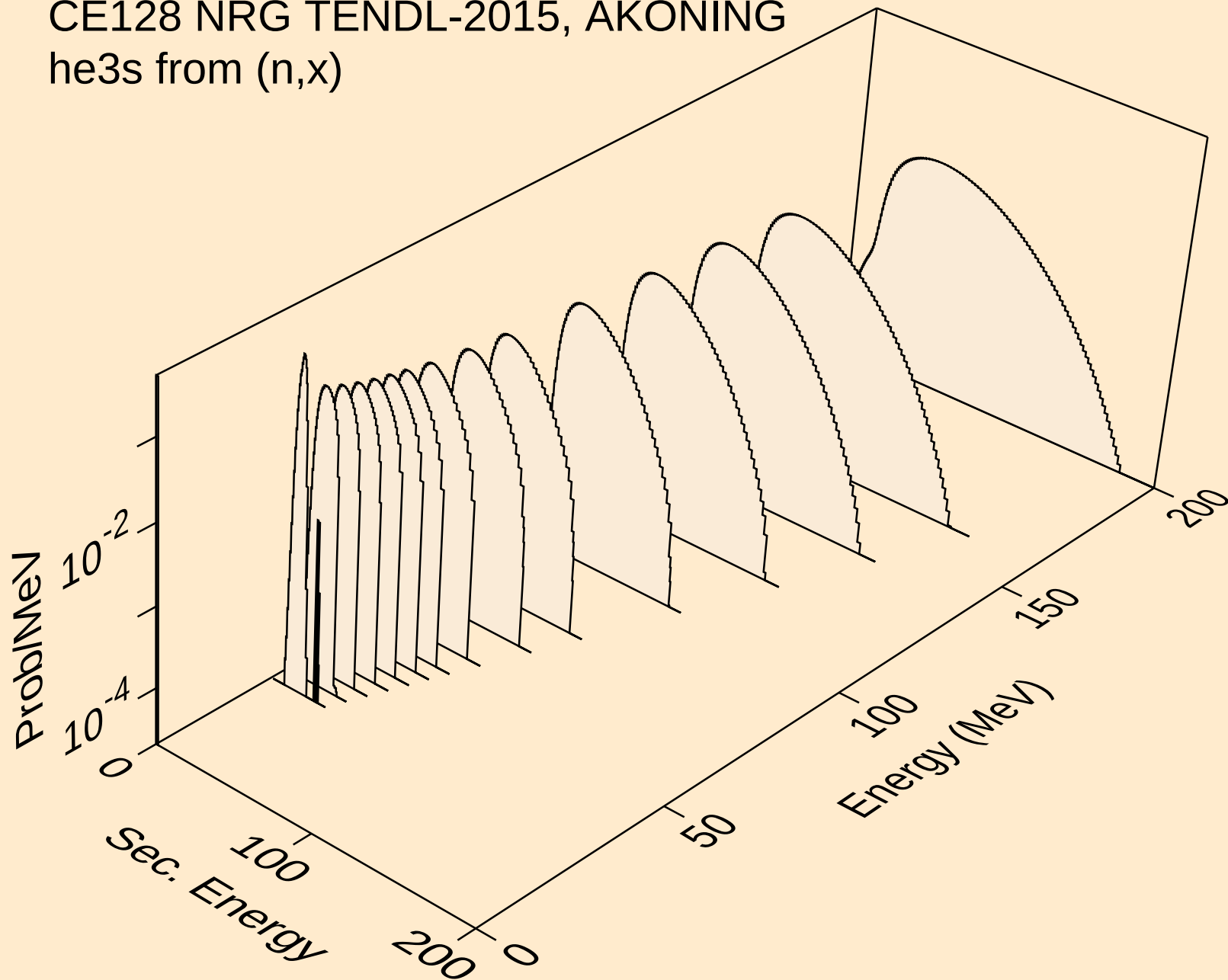
CE128 NRG TENDL-2015, AKONING  
tritons from (n,t)



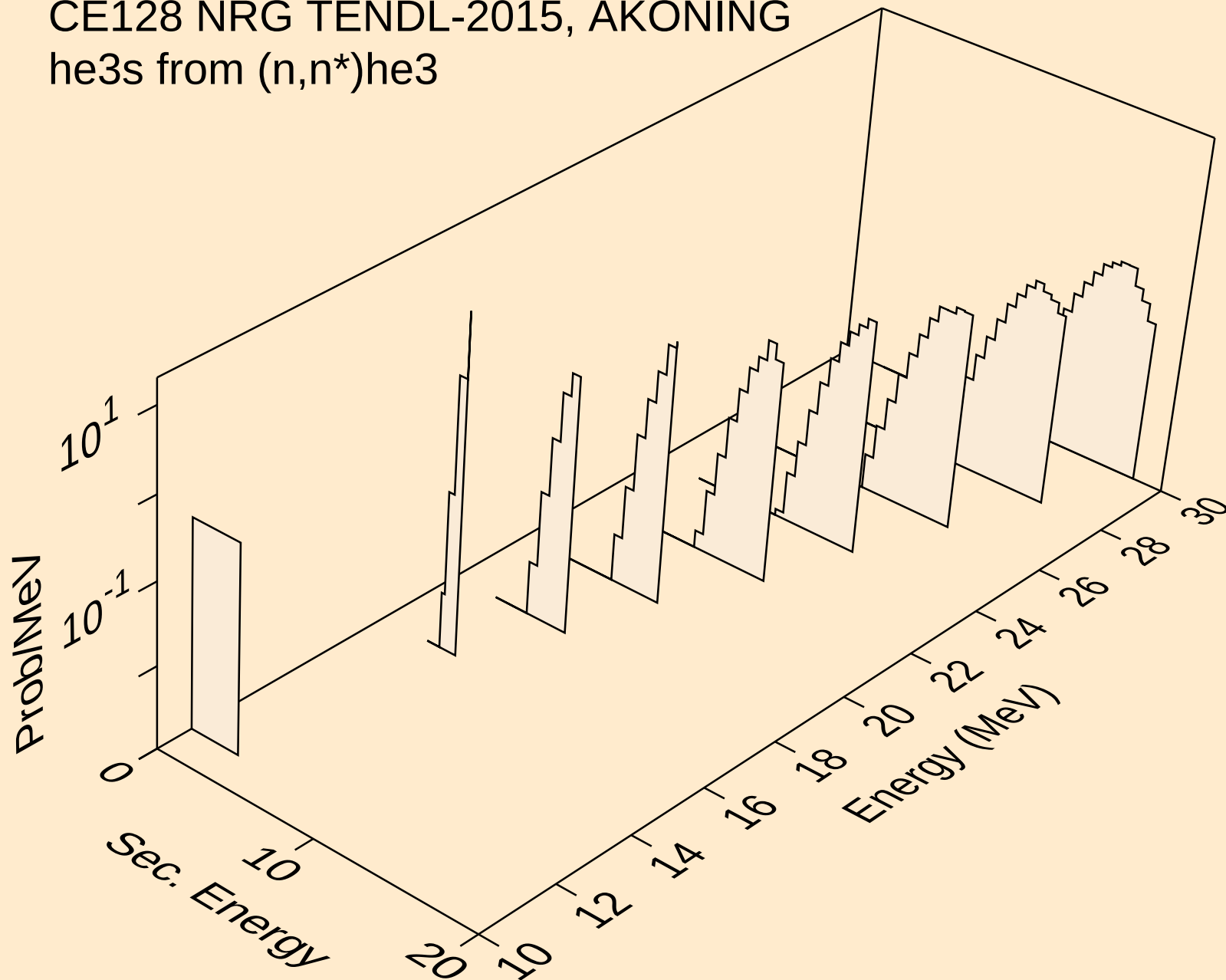
CE128 NRG TENDL-2015, AKONING  
tritons from (n,pt)



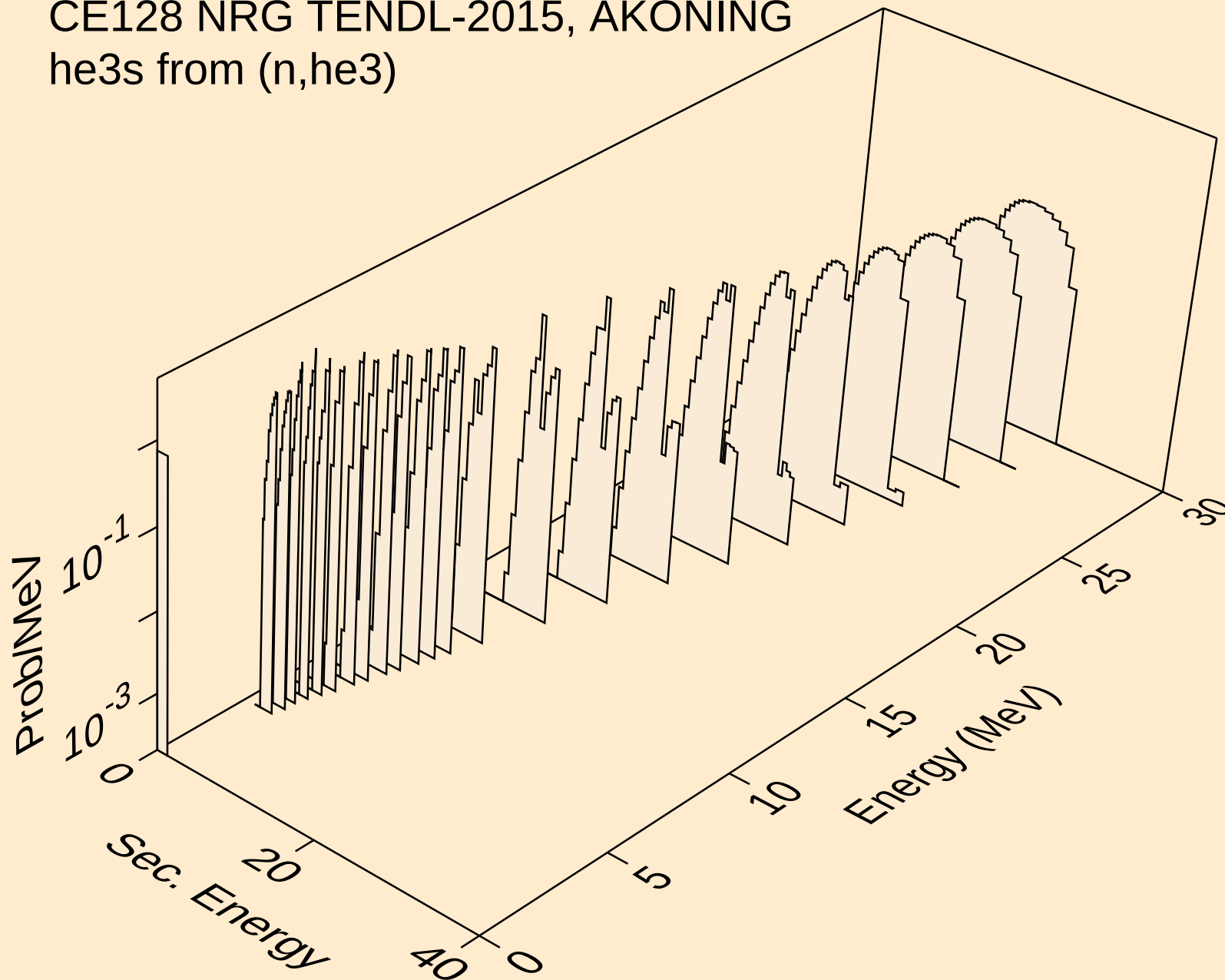
CE128 NRG TENDL-2015, AKONING  
he3s from (n,x)



CE128 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

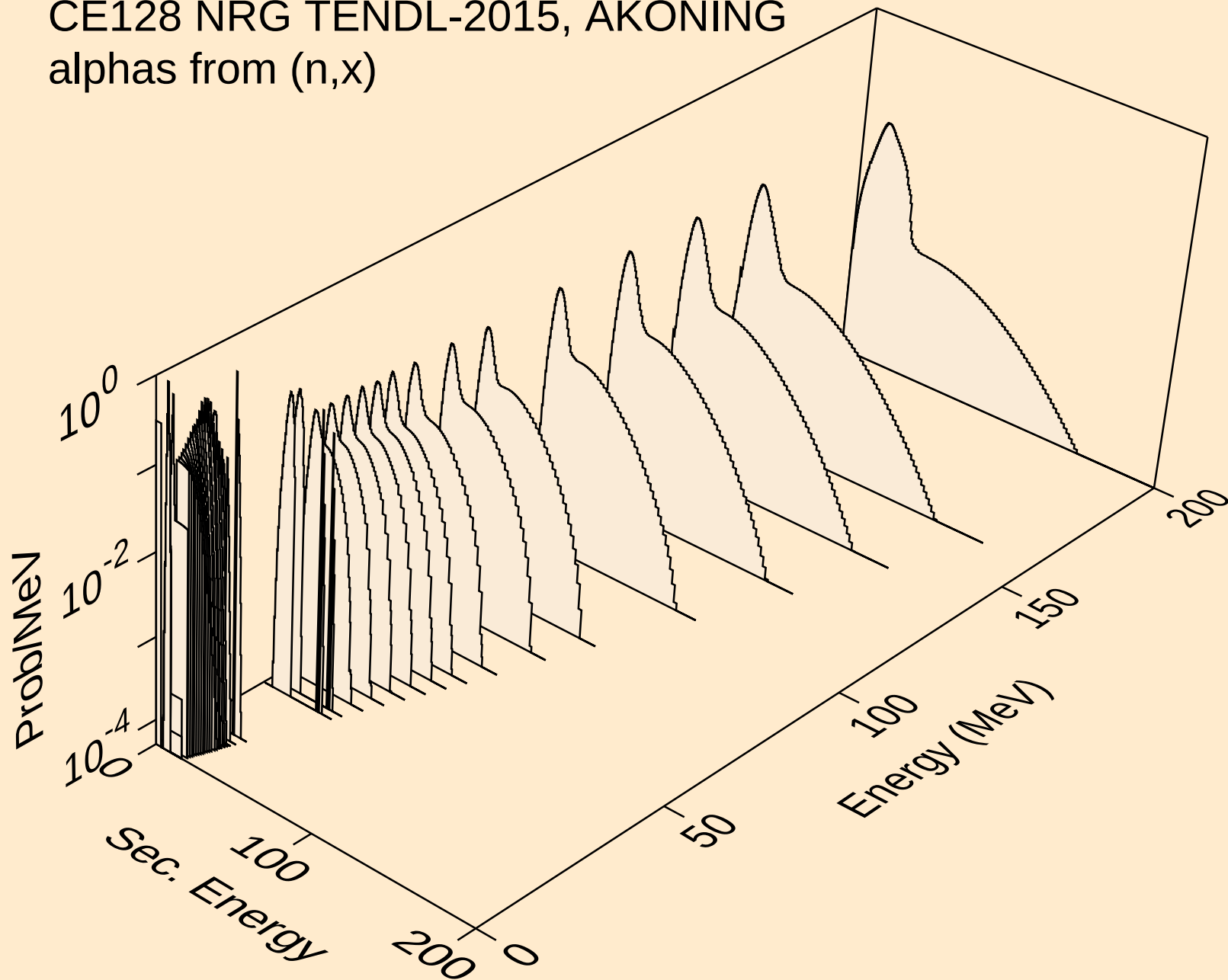


CE128 NRG TENDL-2015, AKONING  
he3s from (n,he3)

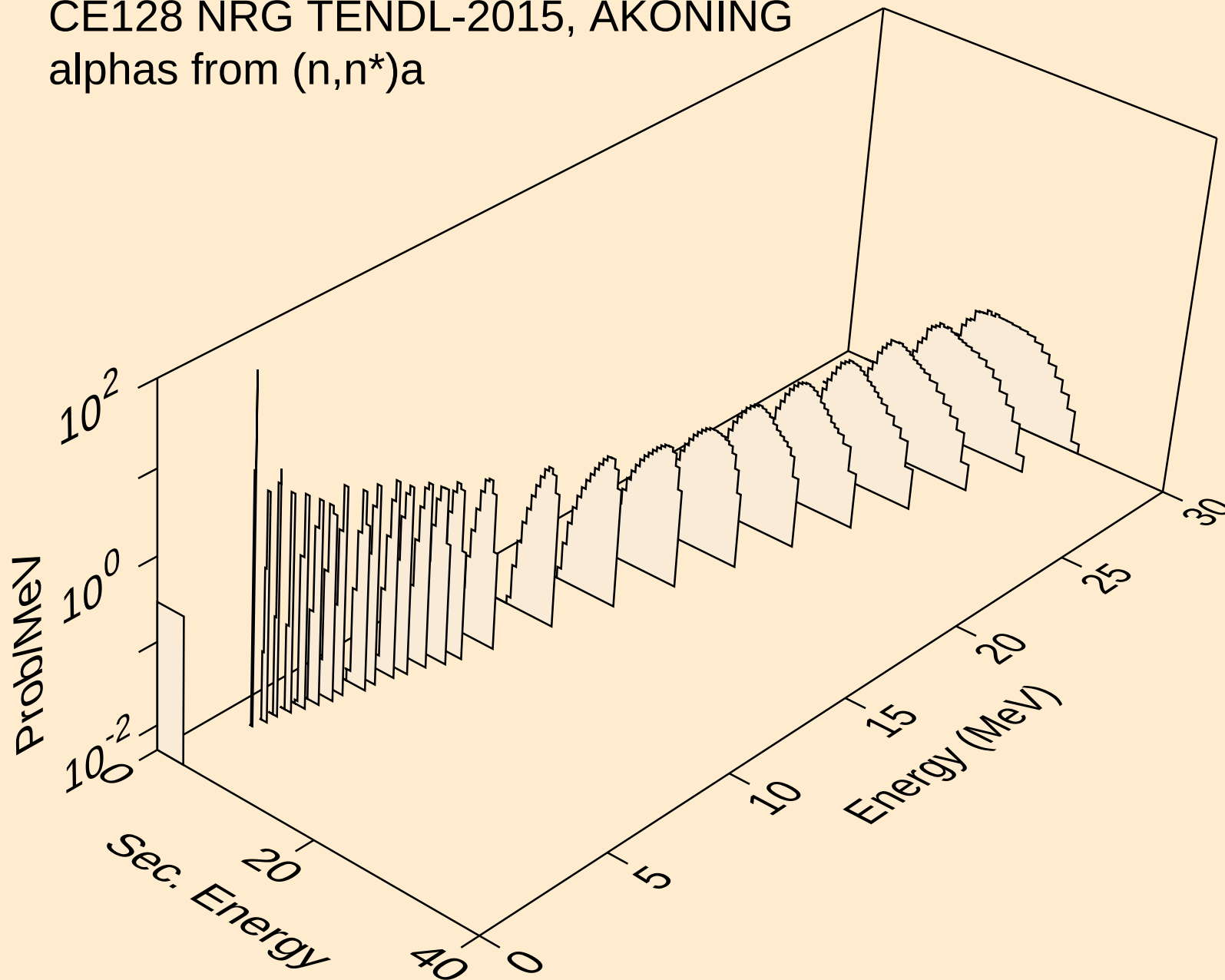




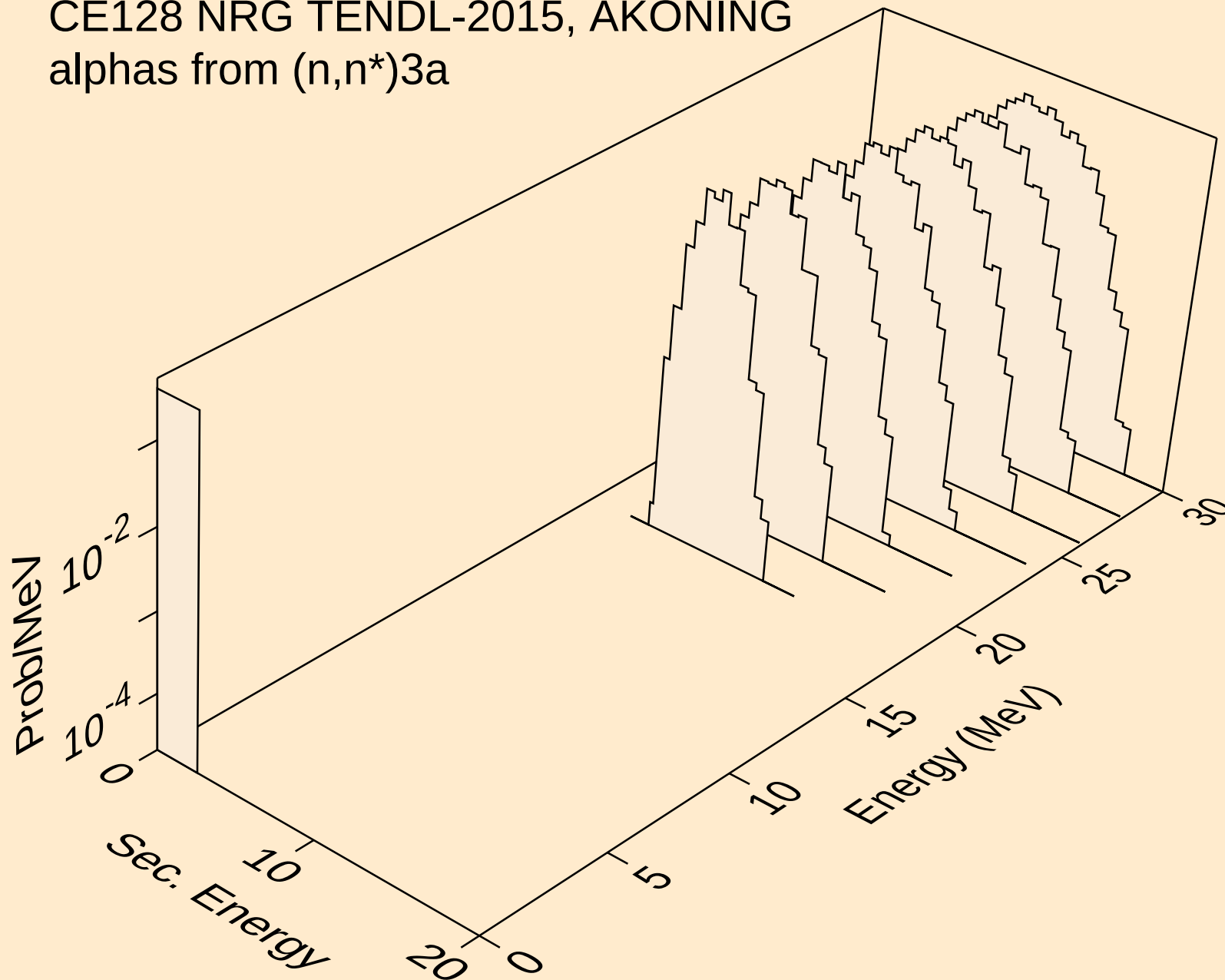
CE128 NRG TENDL-2015, AKONING  
alphas from (n,x)



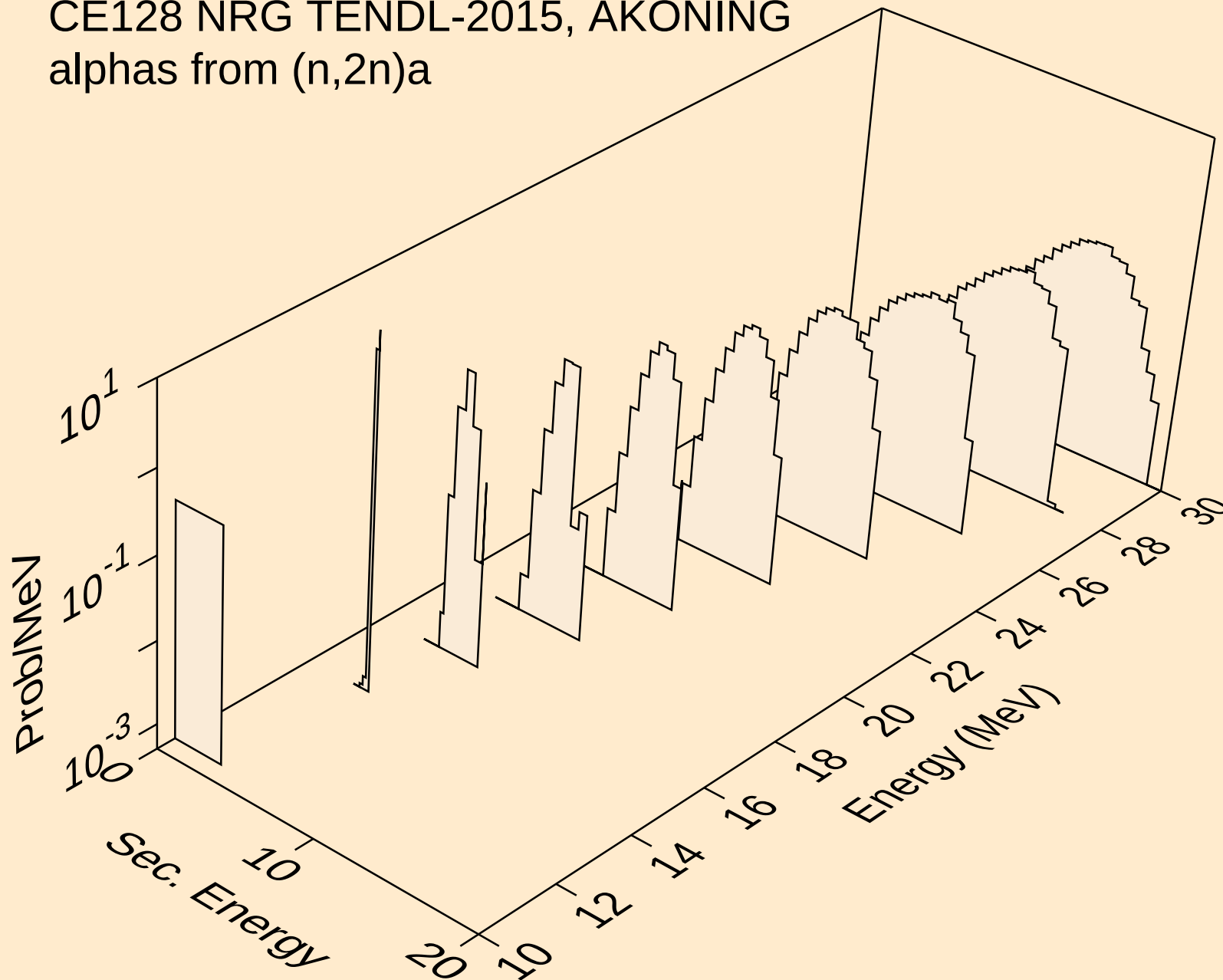
CE128 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



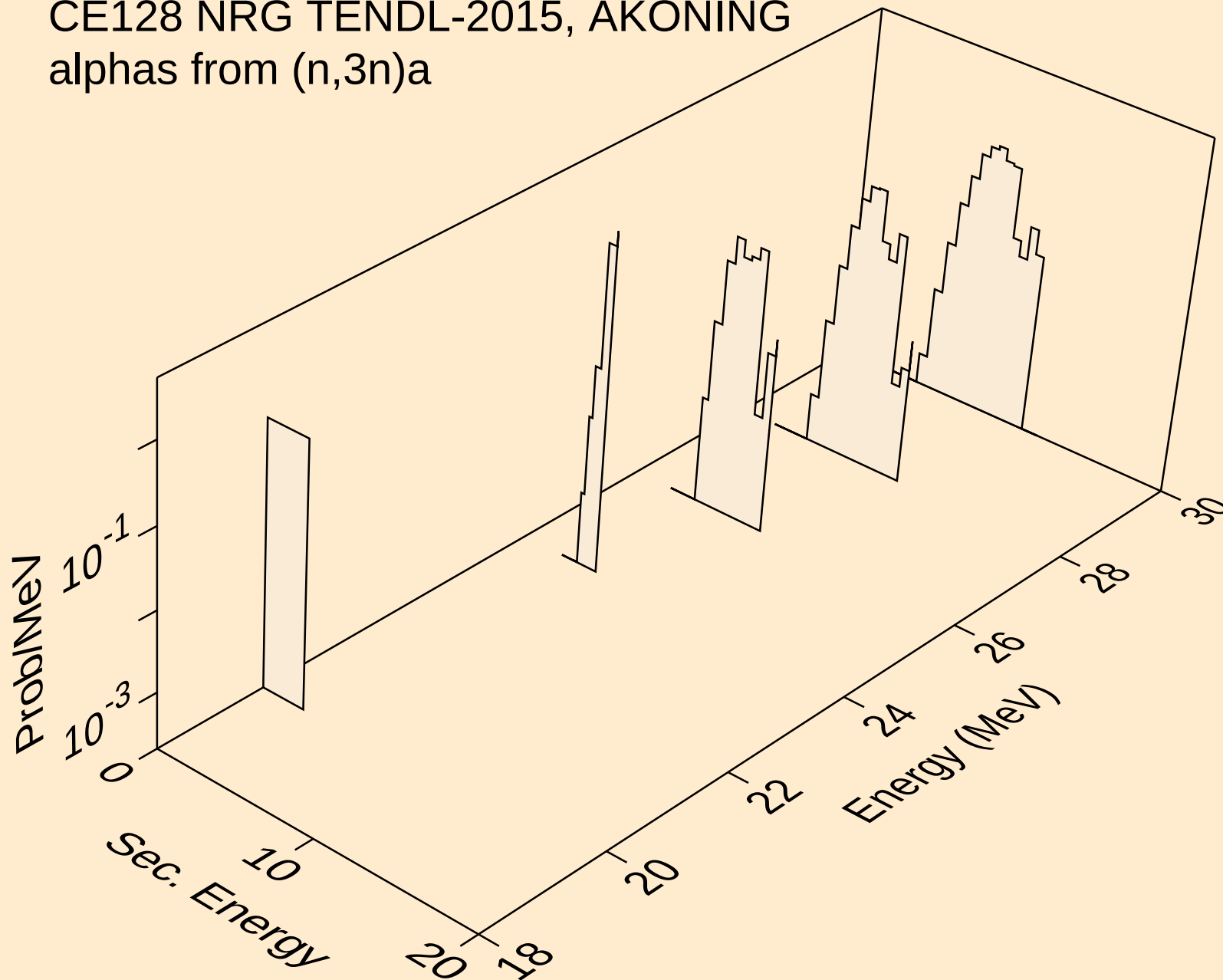
CE128 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



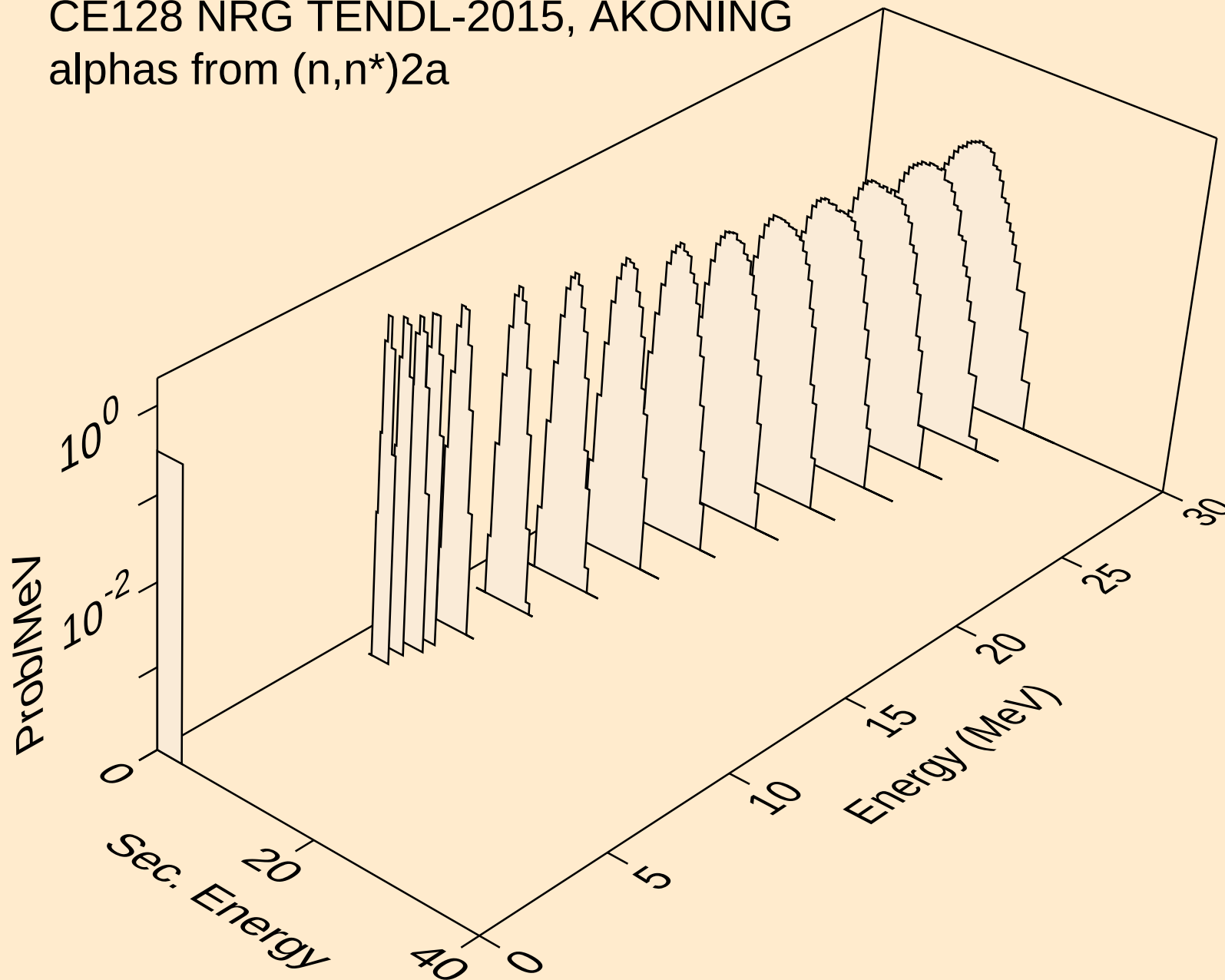
CE128 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



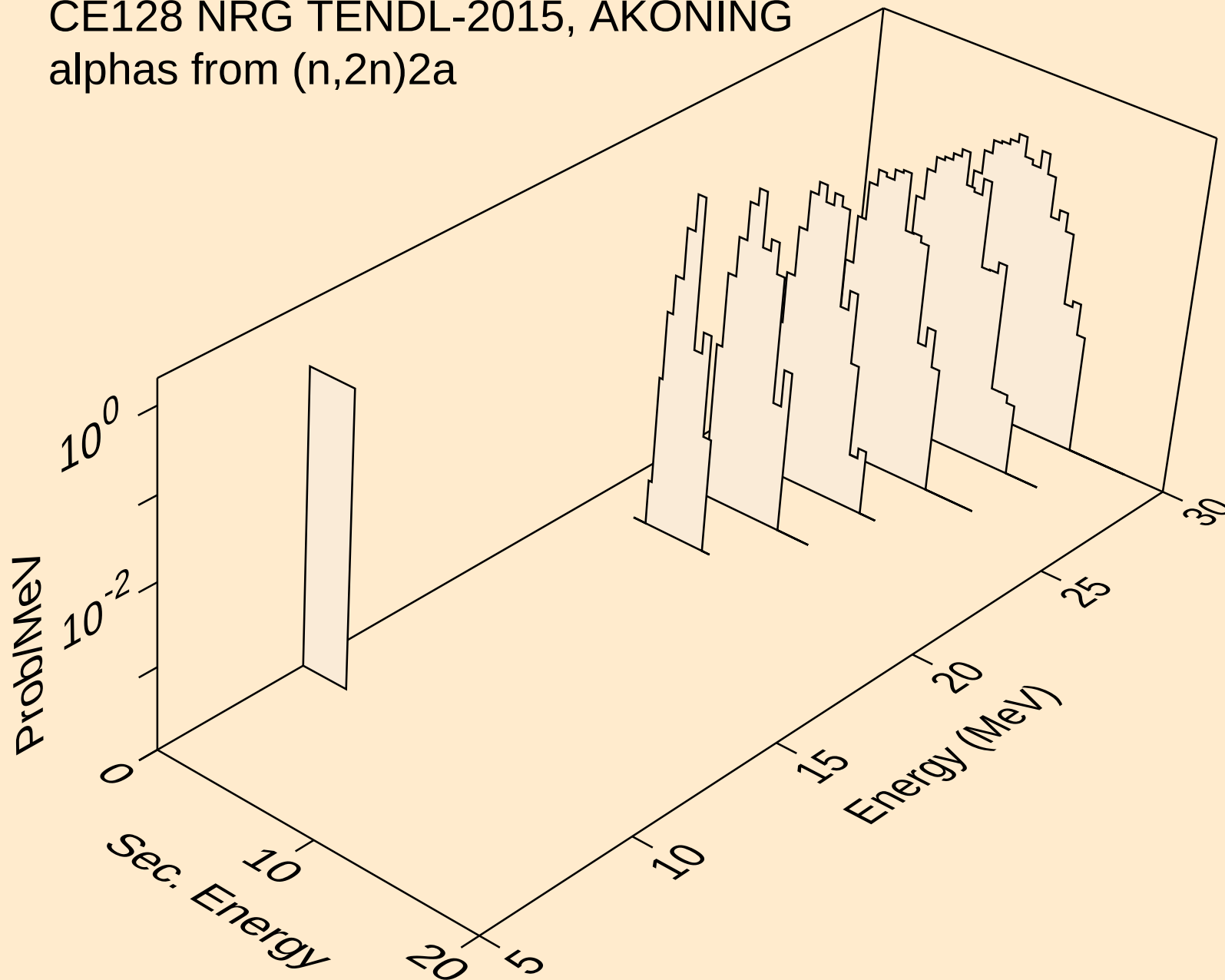
CE128 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



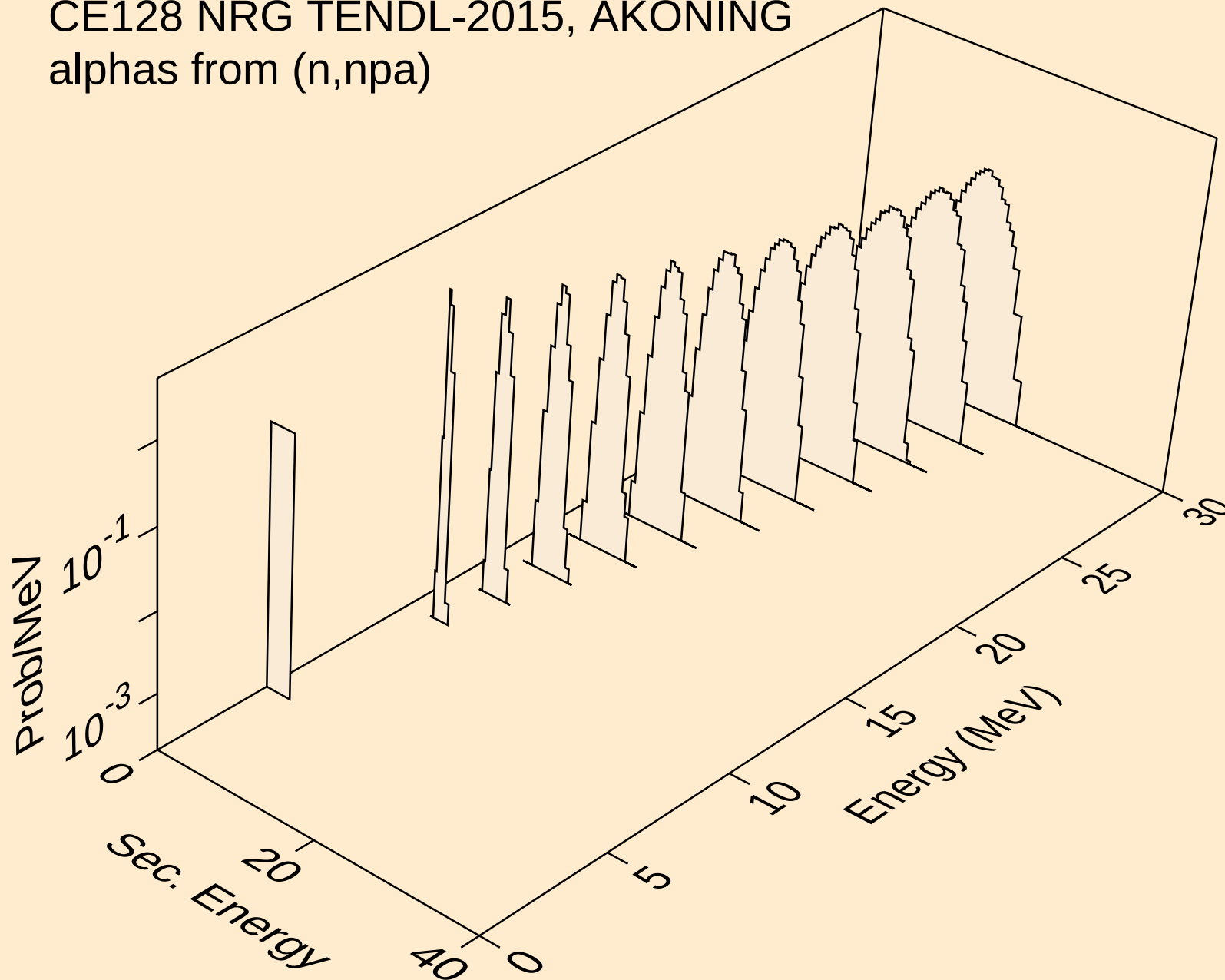
CE128 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



CE128 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

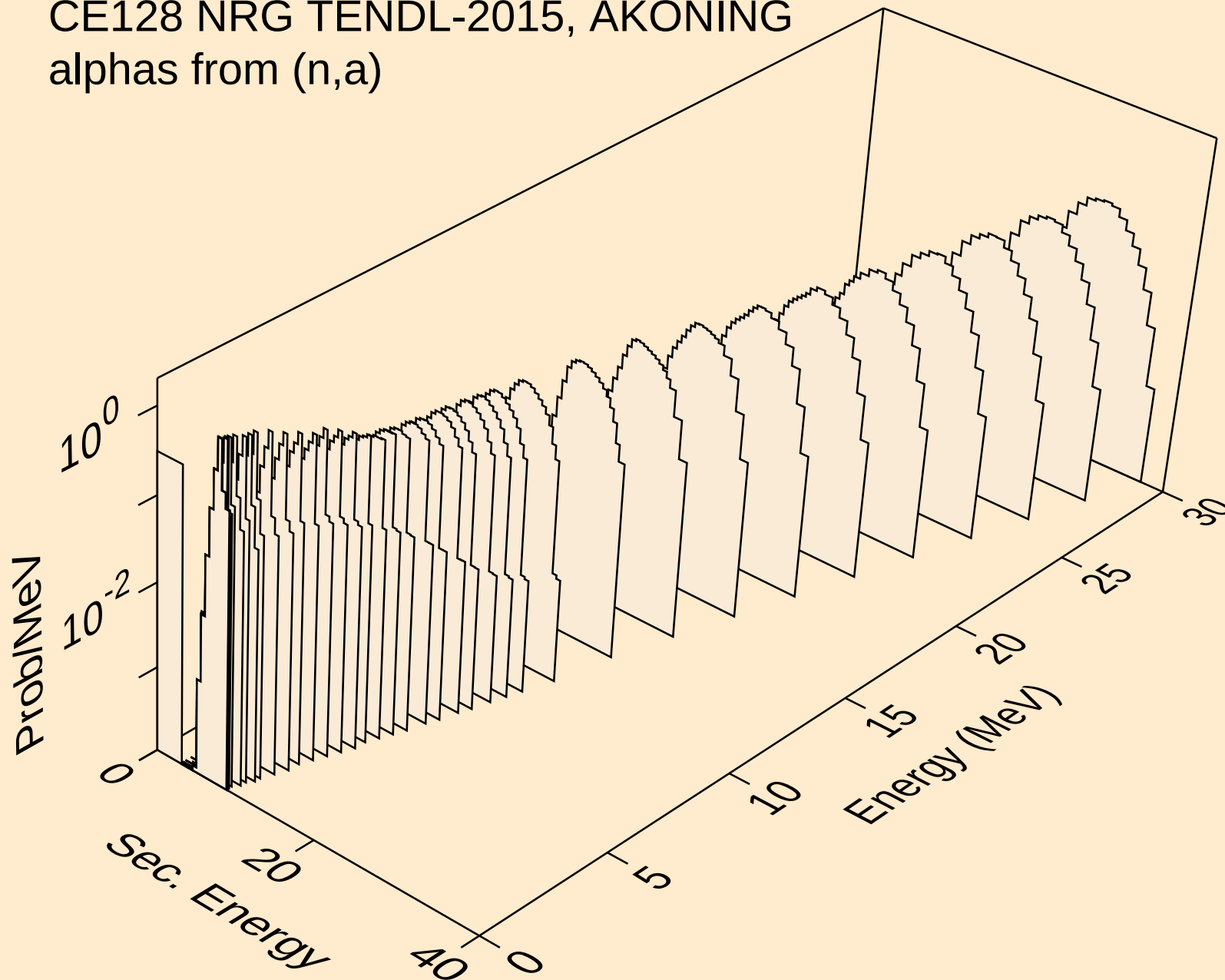


CE128 NRG TENDL-2015, AKONING  
alphas from (n,npa)

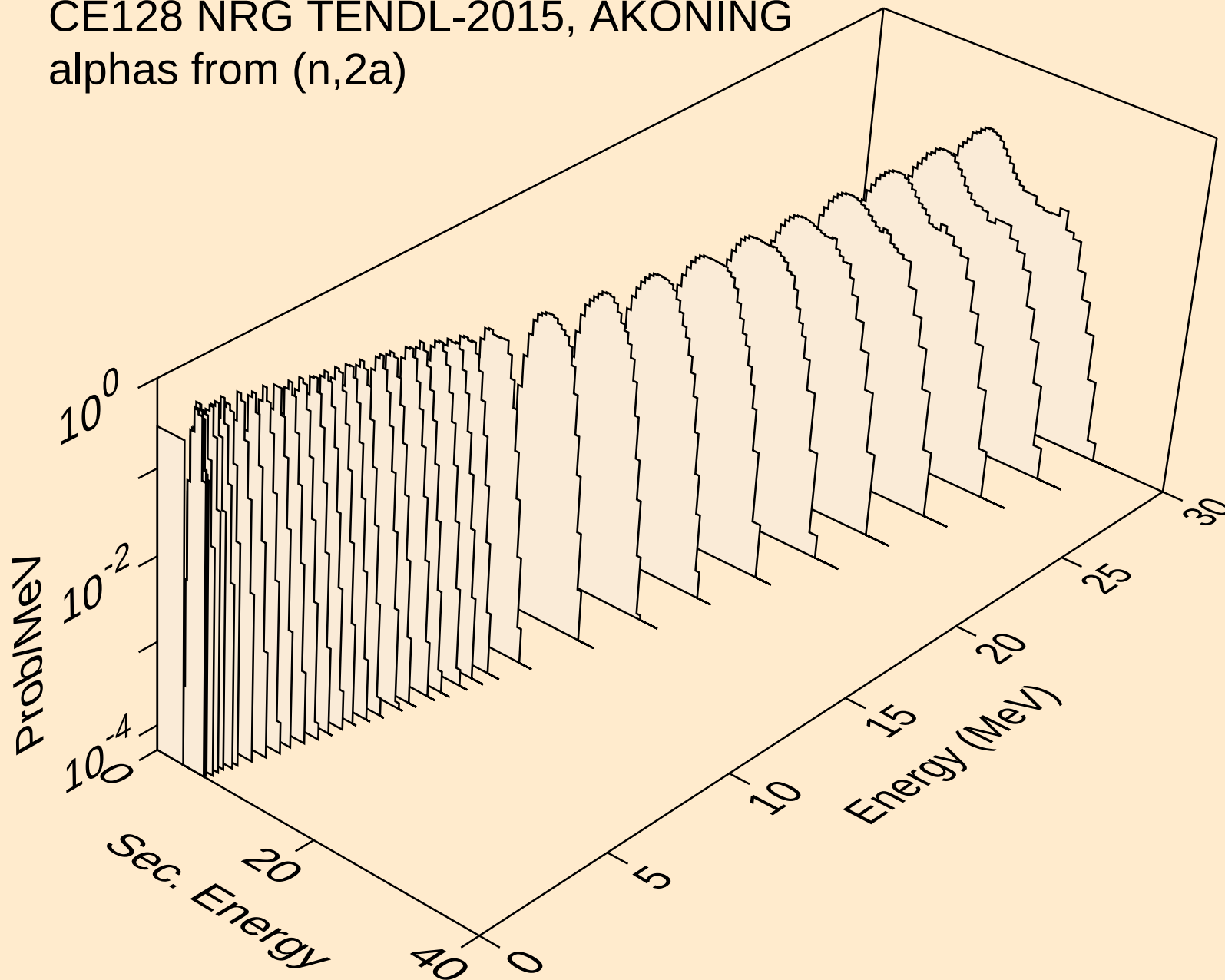




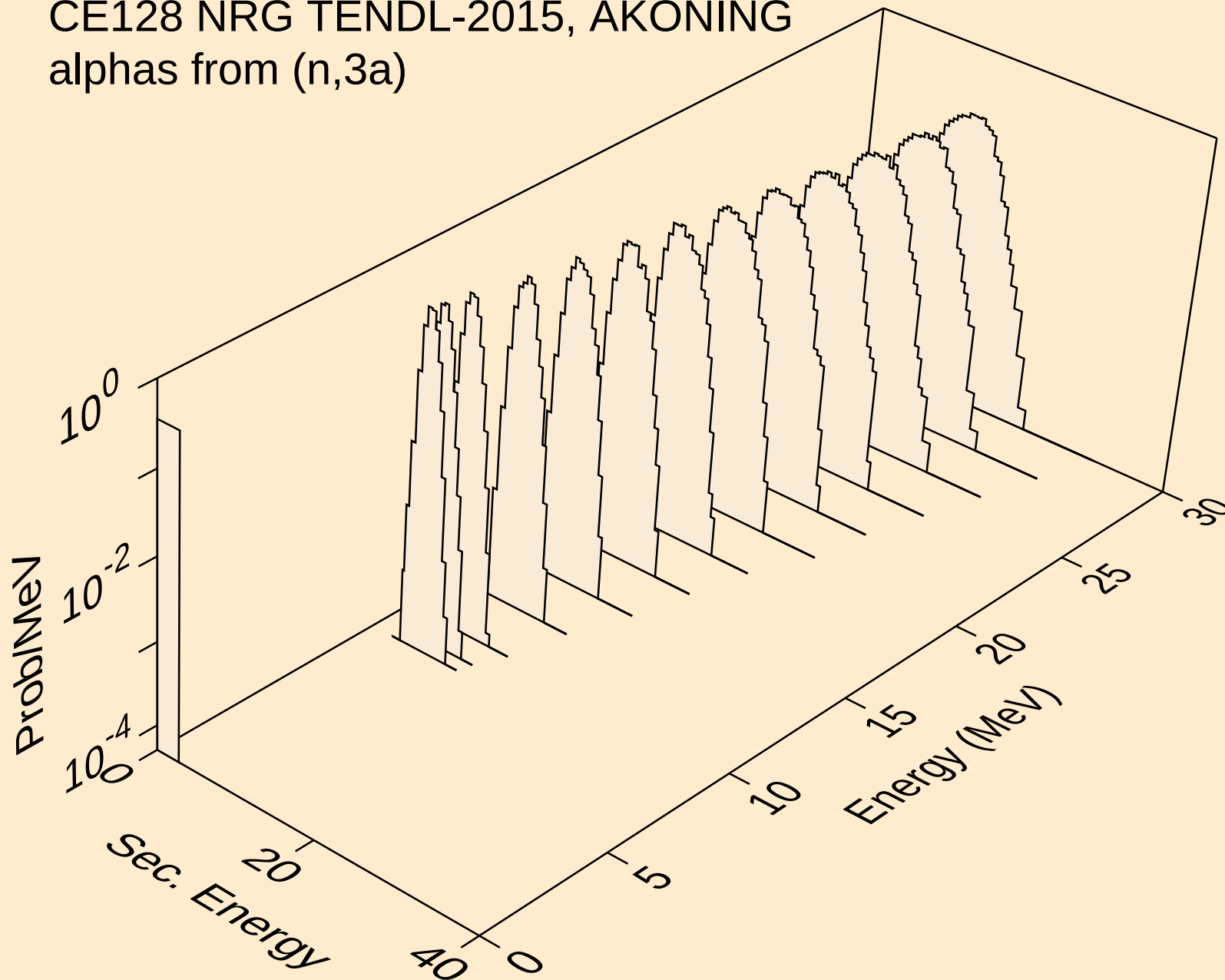
CE128 NRG TENDL-2015, AKONING  
alphas from (n,a)



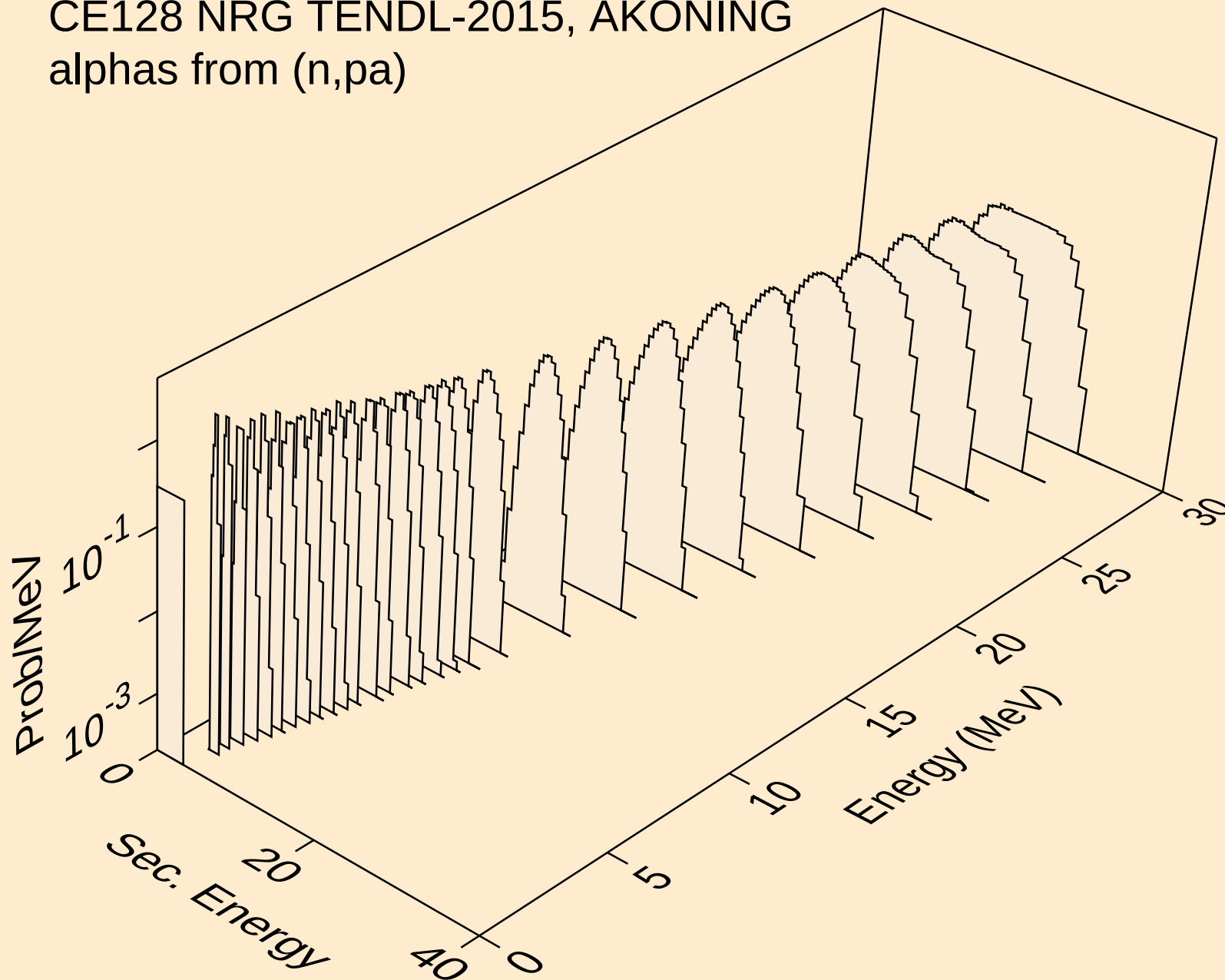
CE128 NRG TENDL-2015, AKONING  
alphas from (n,2a)



CE128 NRG TENDL-2015, AKONING  
alphas from (n,3a)



CE128 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CE128 NRG TENDL-2015, AKONING  
alphas from (n,da)

