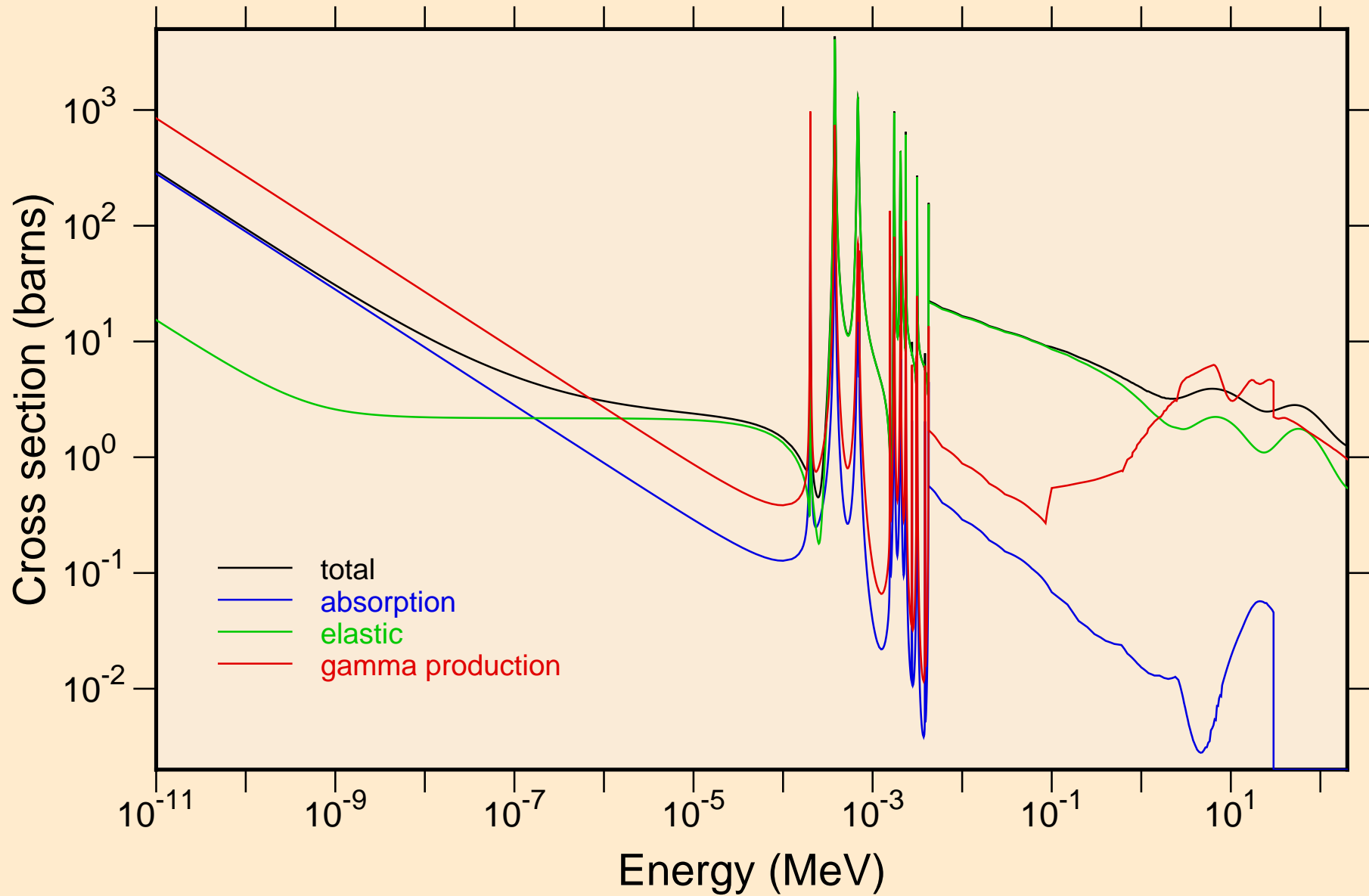
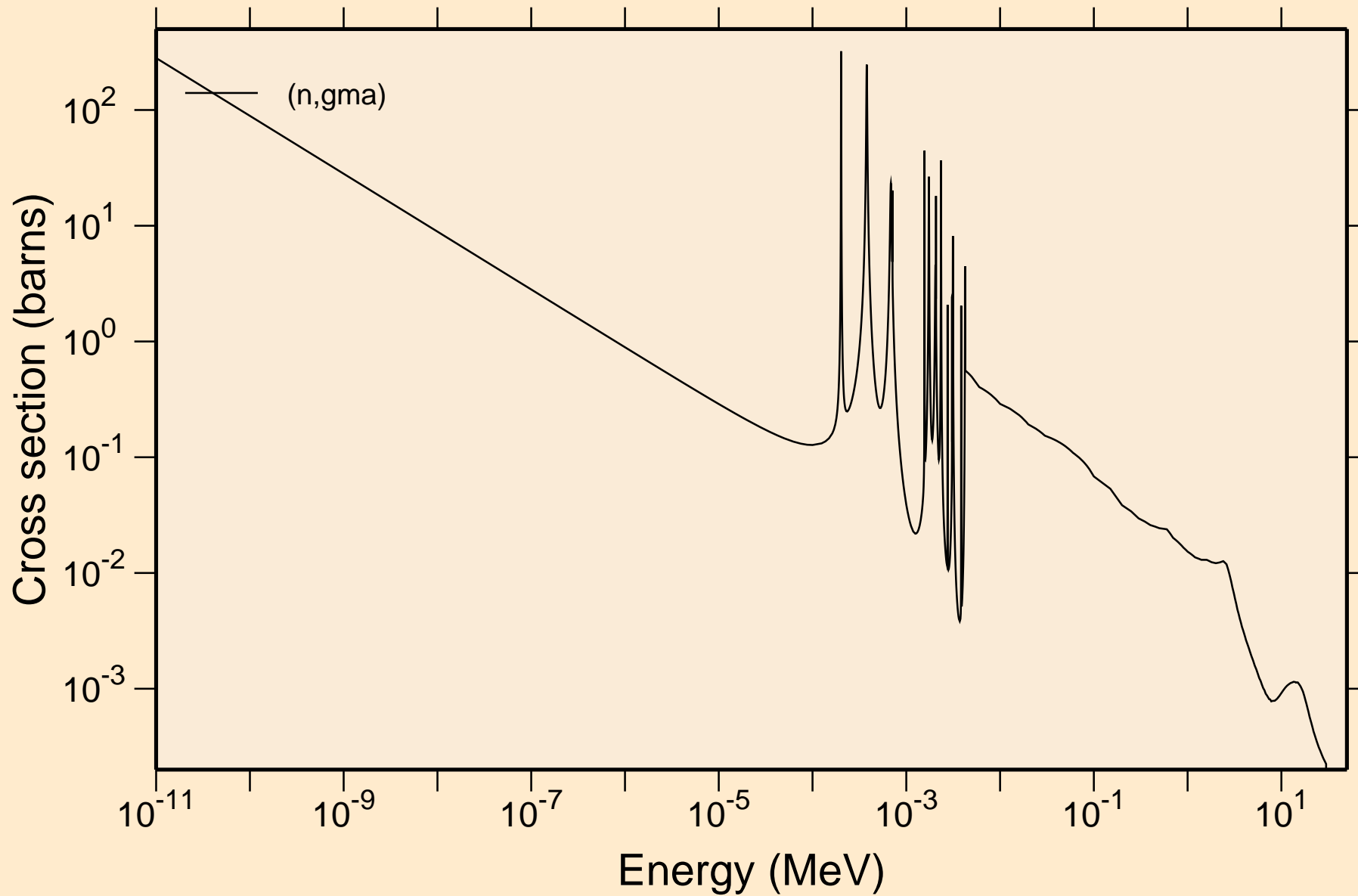


# CU068 NRG TENDL-2015, AKONING

## Principal cross sections

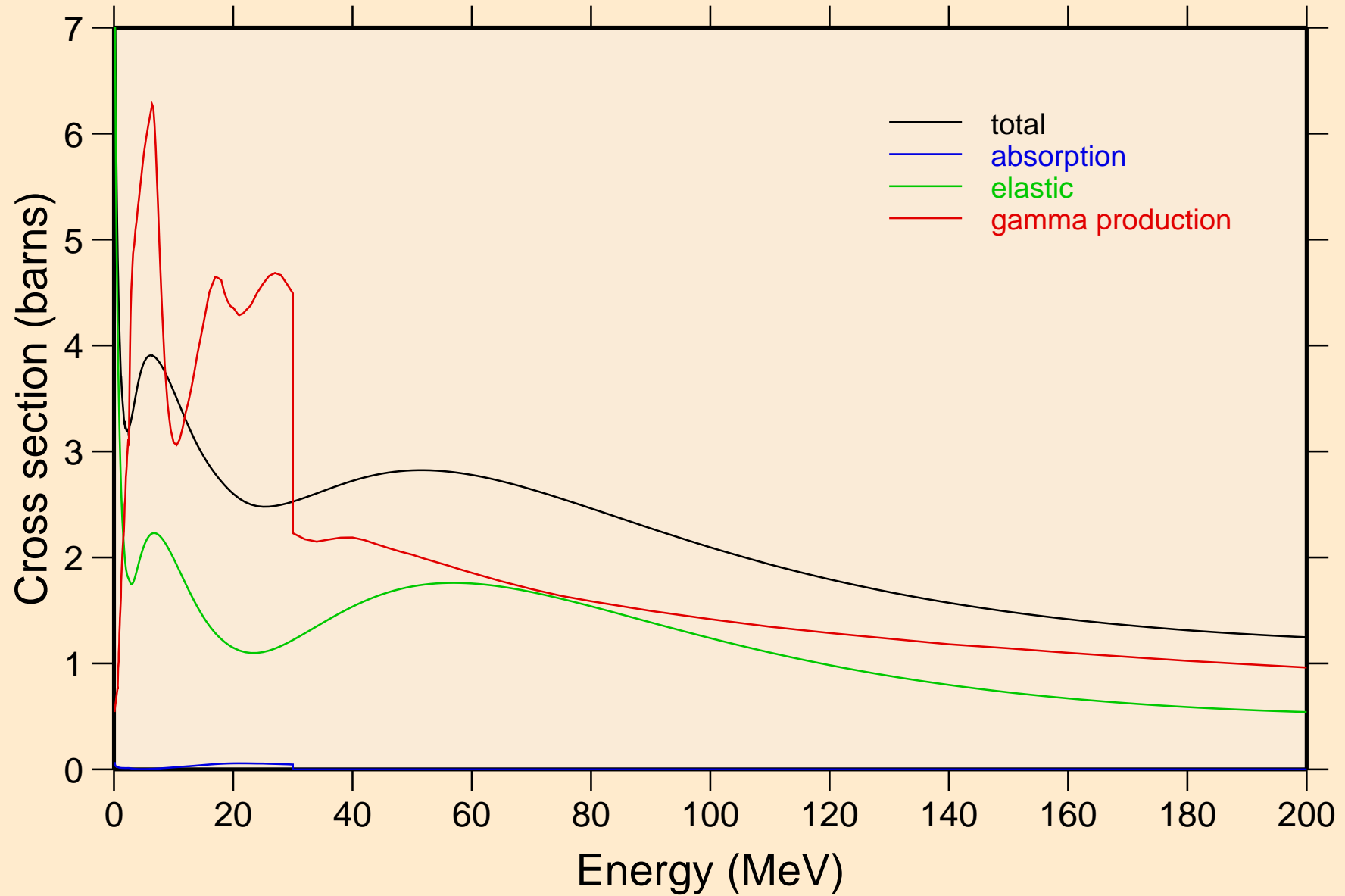


CU068 NRG TENDL-2015, AKONING  
Non-threshold reactions

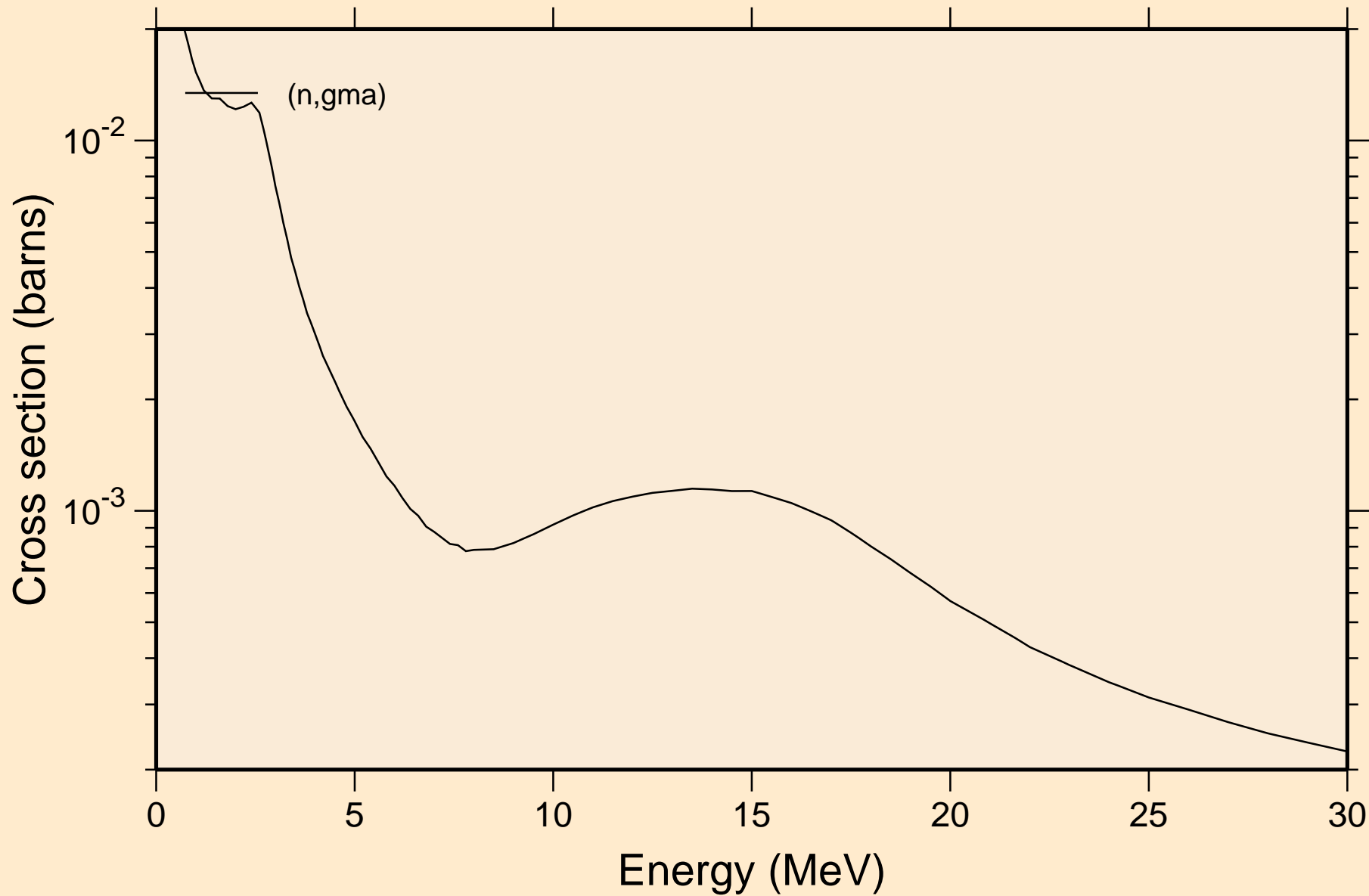


# CU068 NRG TENDL-2015, AKONING

## Principal cross sections

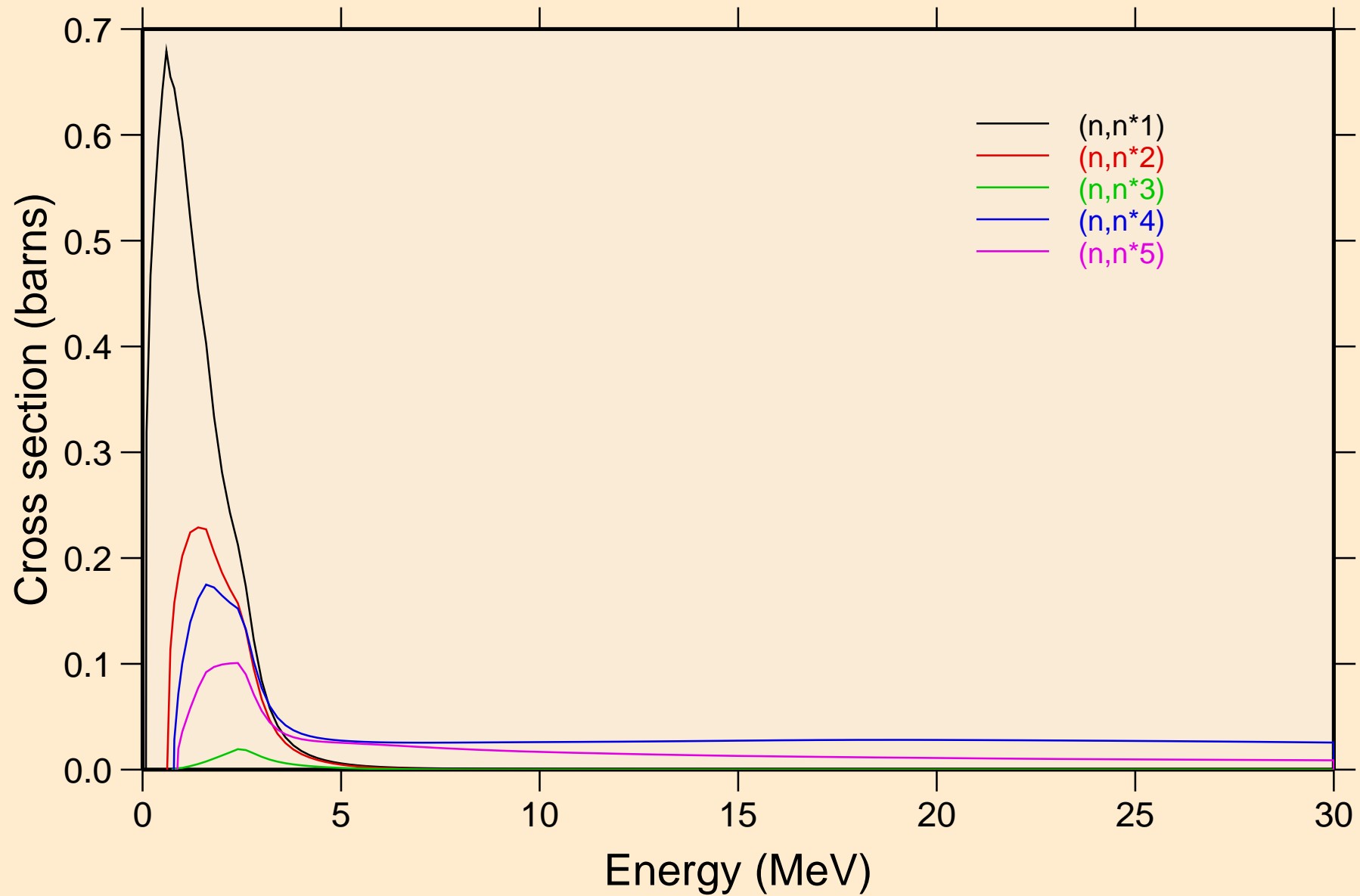


CU068 NRG TENDL-2015, AKONING  
Non-threshold reactions



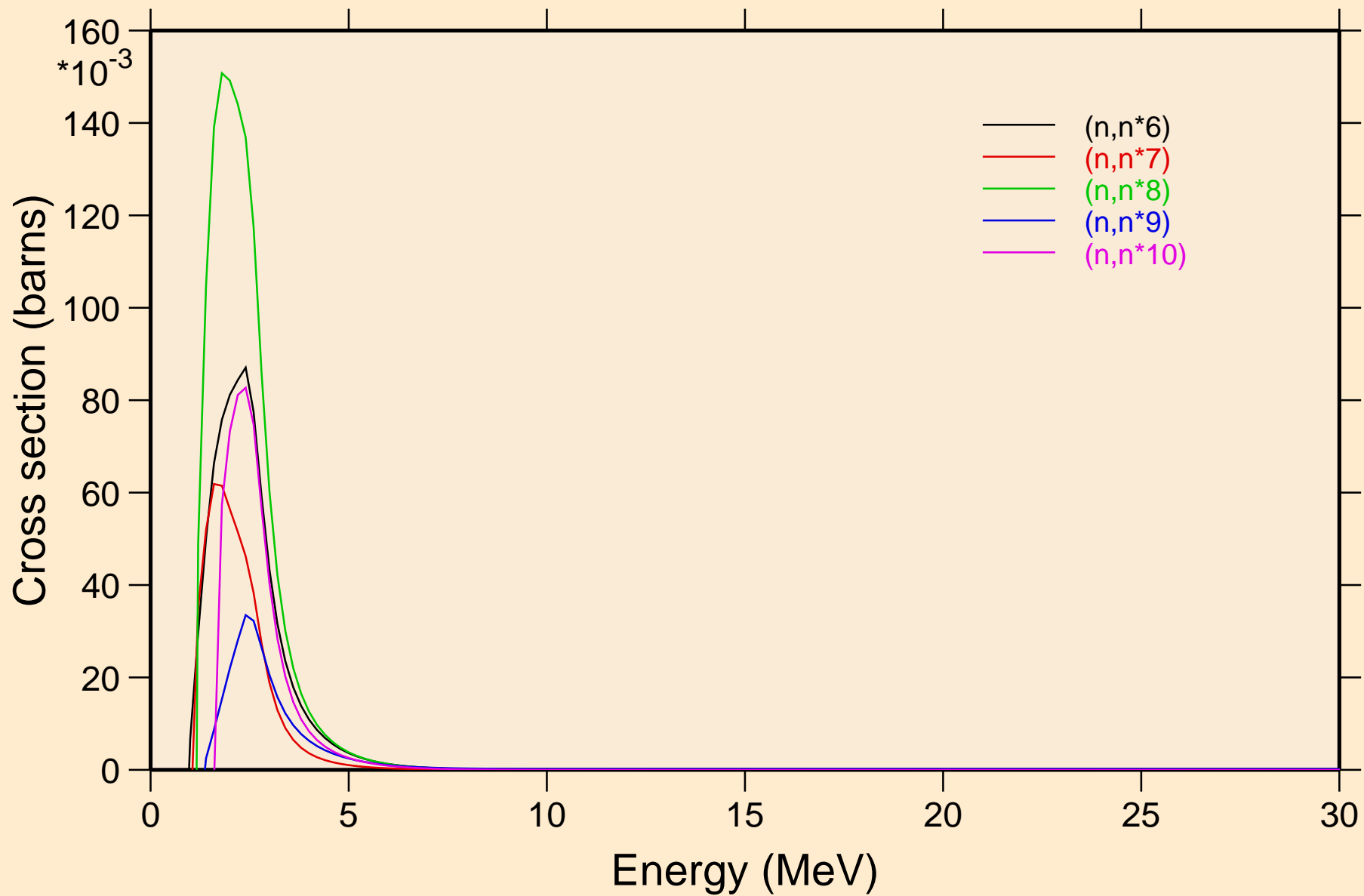
# CU068 NRG TENDL-2015, AKONING

## Inelastic levels



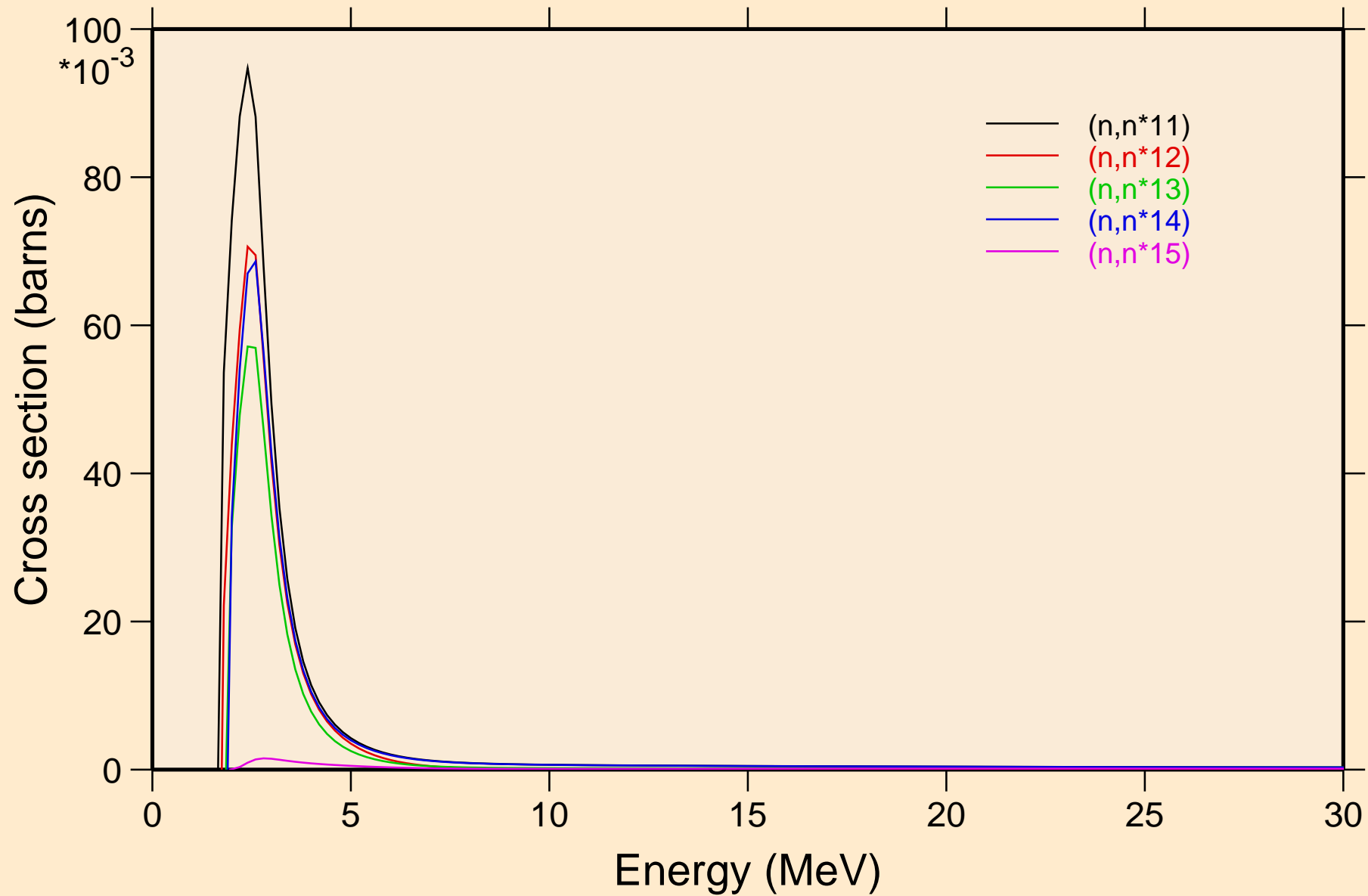
# CU068 NRG TENDL-2015, AKONING

## Inelastic levels



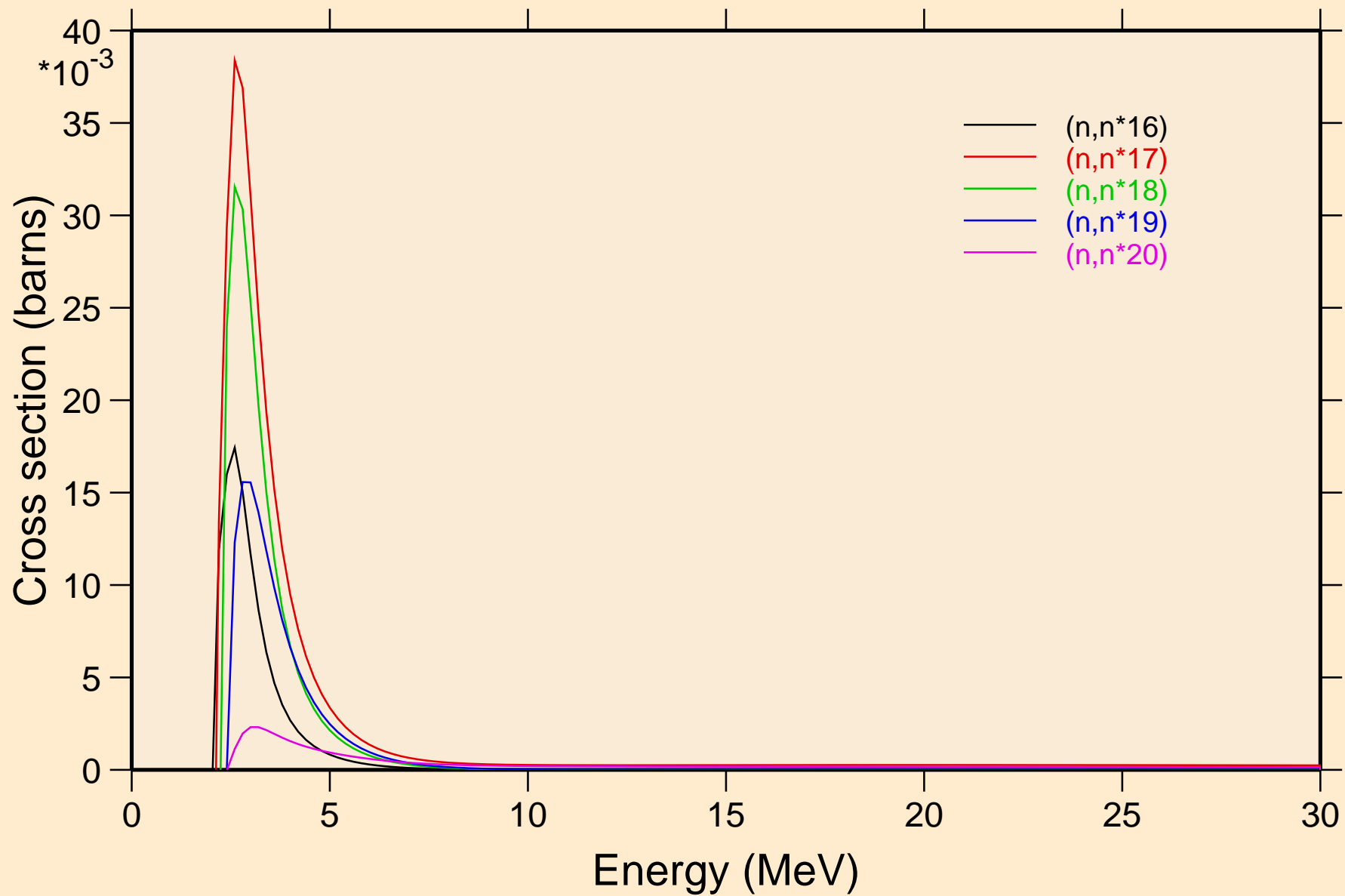
# CU068 NRG TENDL-2015, AKONING

## Inelastic levels



# CU068 NRG TENDL-2015, AKONING

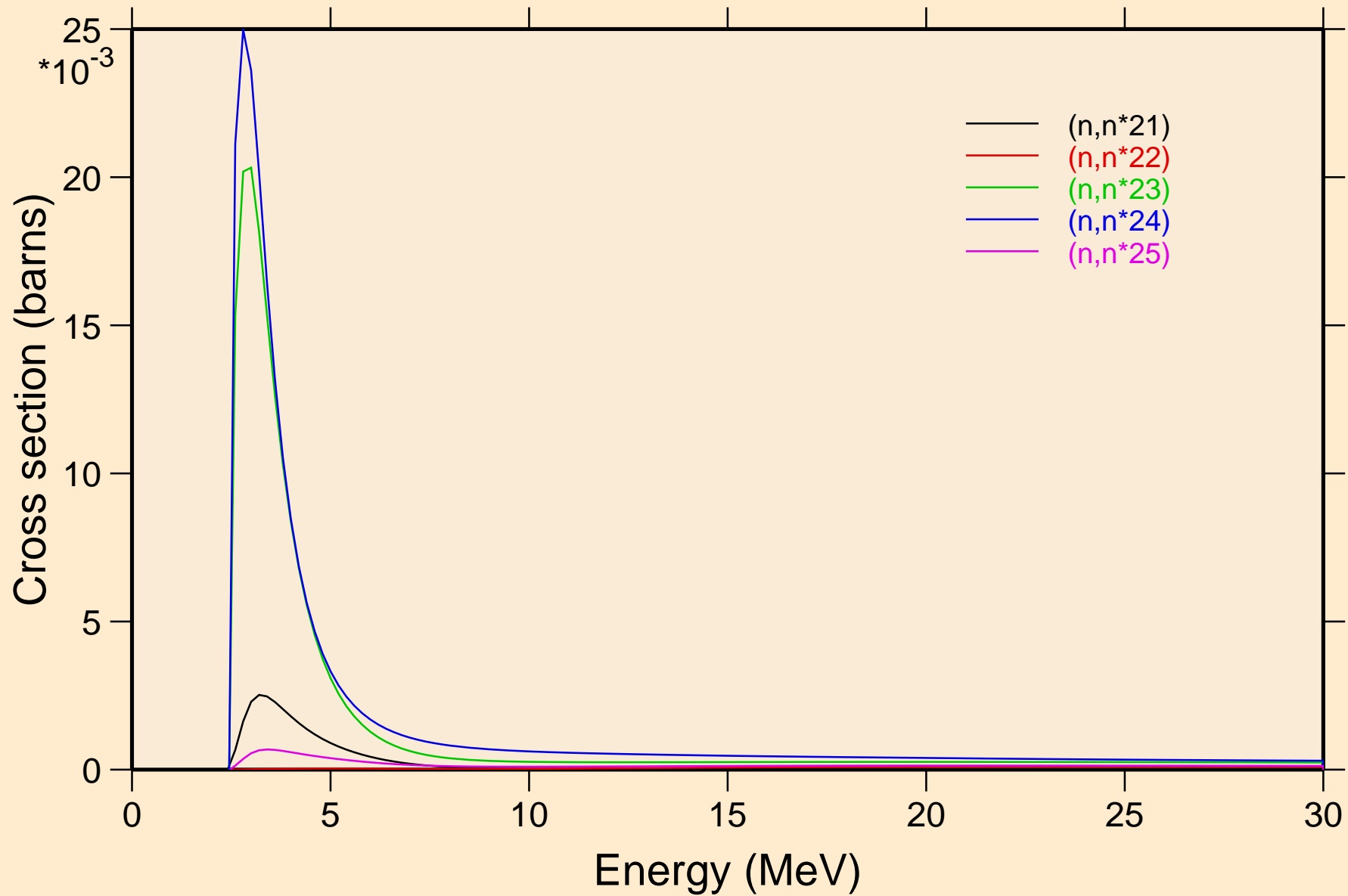
## Inelastic levels





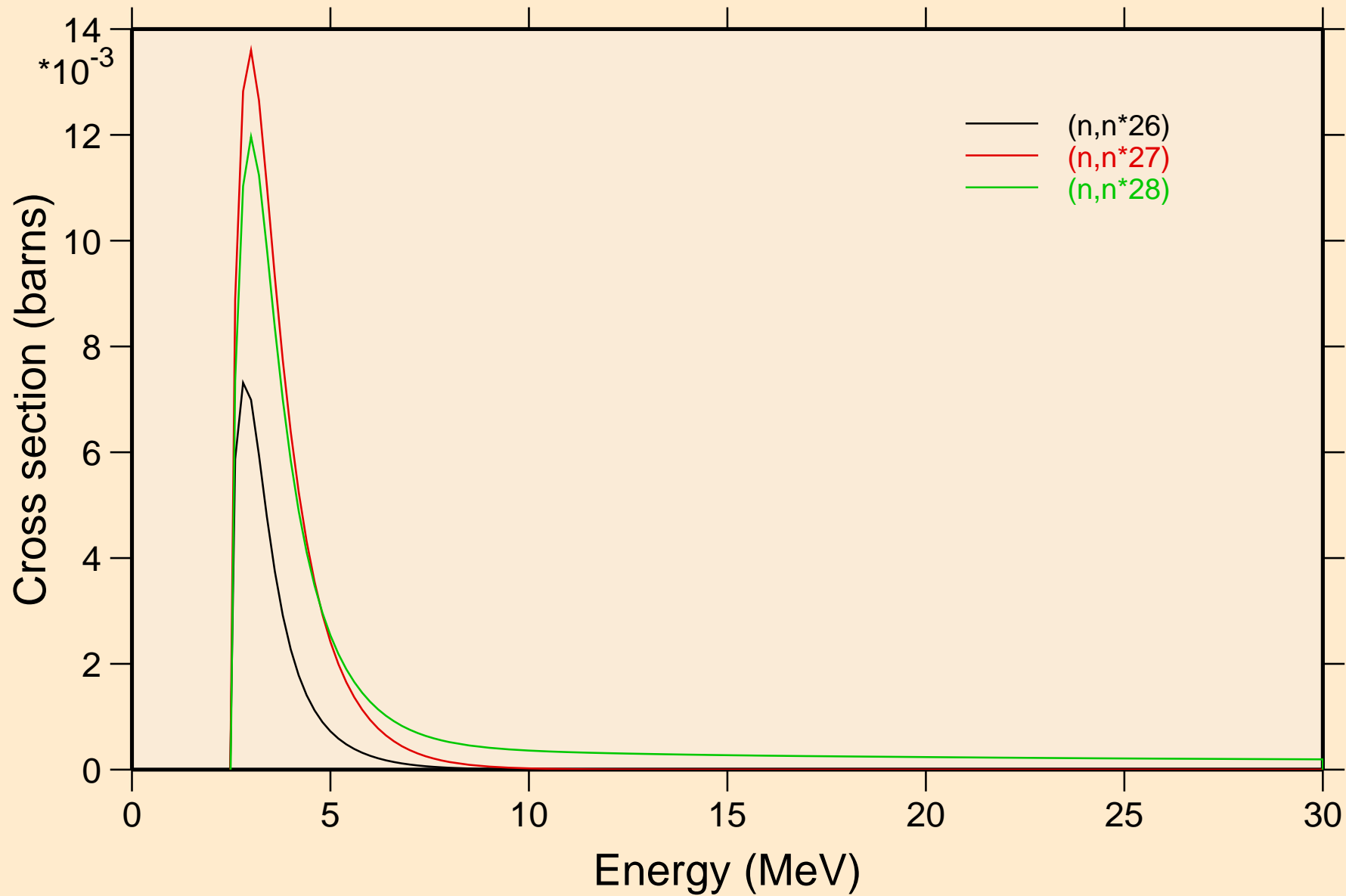
# CU068 NRG TENDL-2015, AKONING

## Inelastic levels



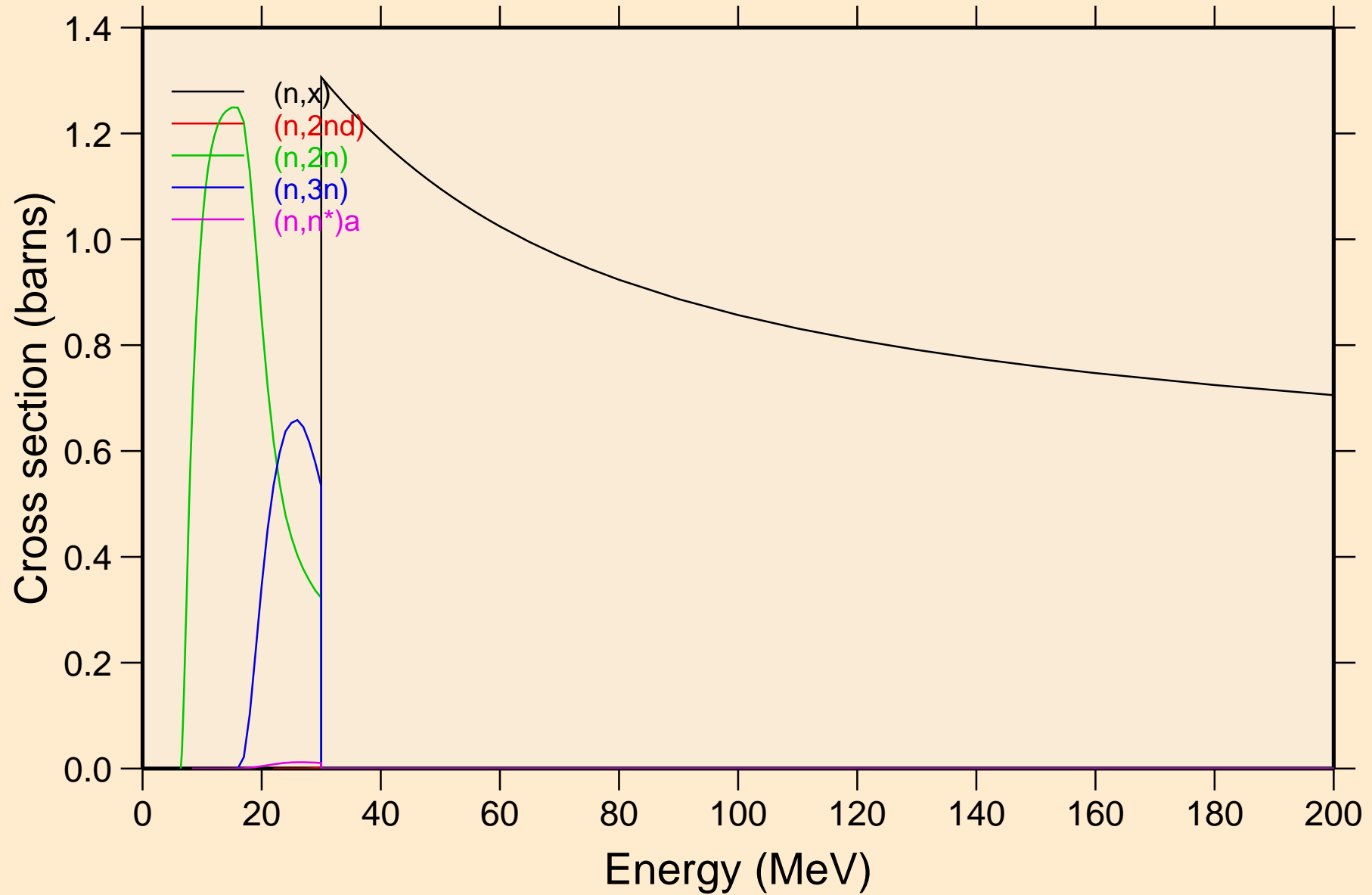
# CU068 NRG TENDL-2015, AKONING

## Inelastic levels



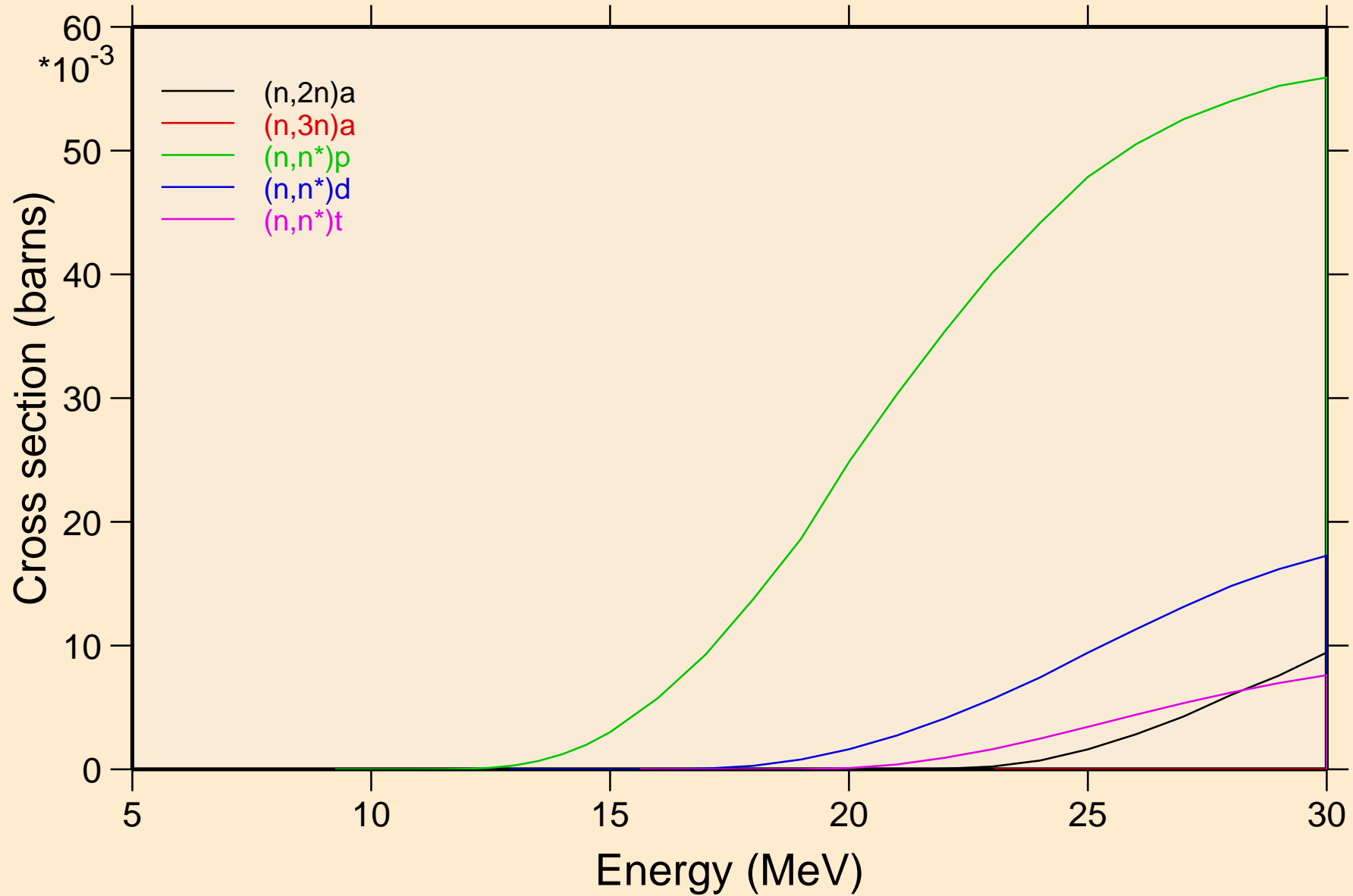
# CU068 NRG TENDL-2015, AKONING

## Threshold reactions



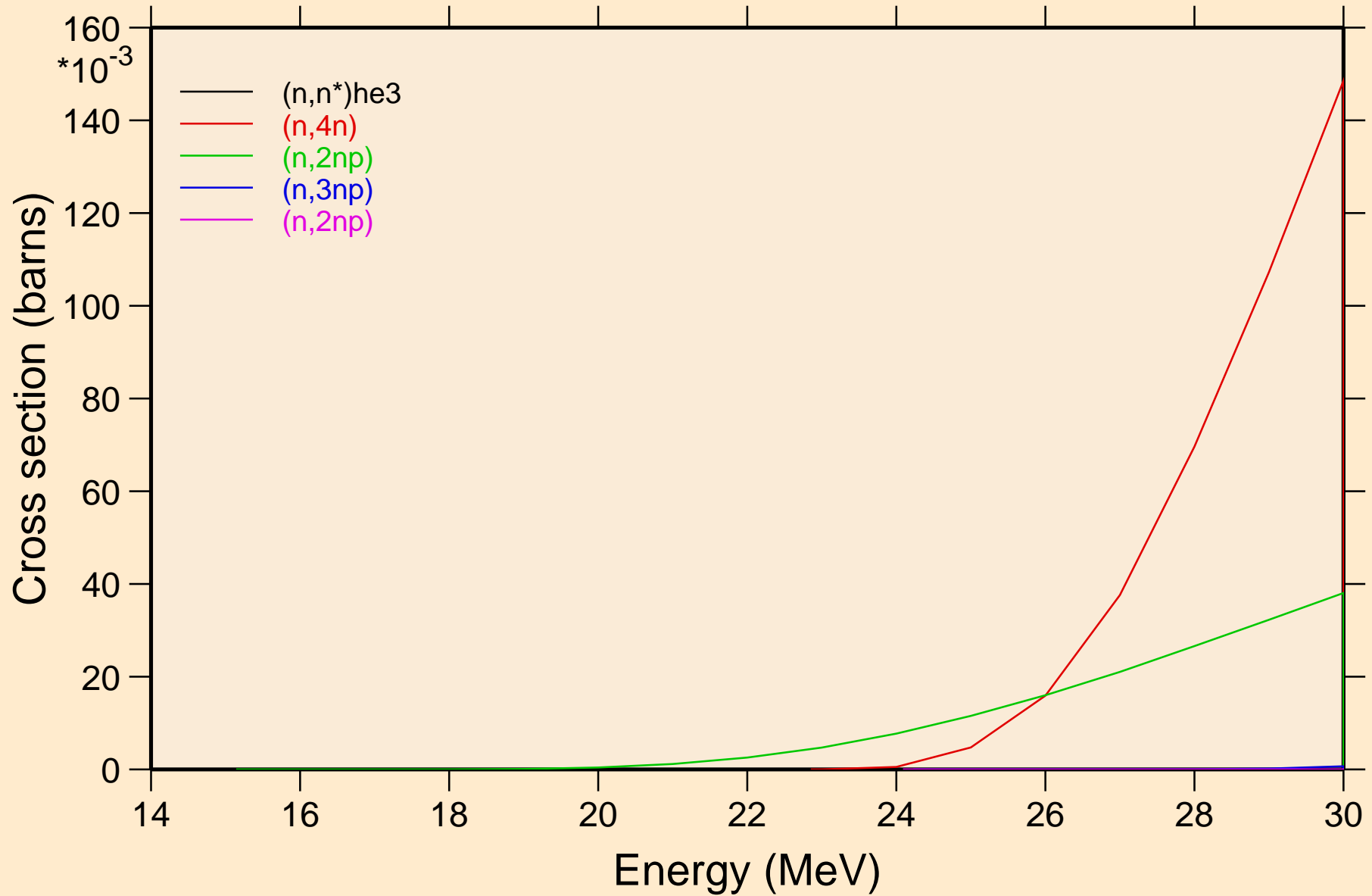
# CU068 NRG TENDL-2015, AKONING

## Threshold reactions



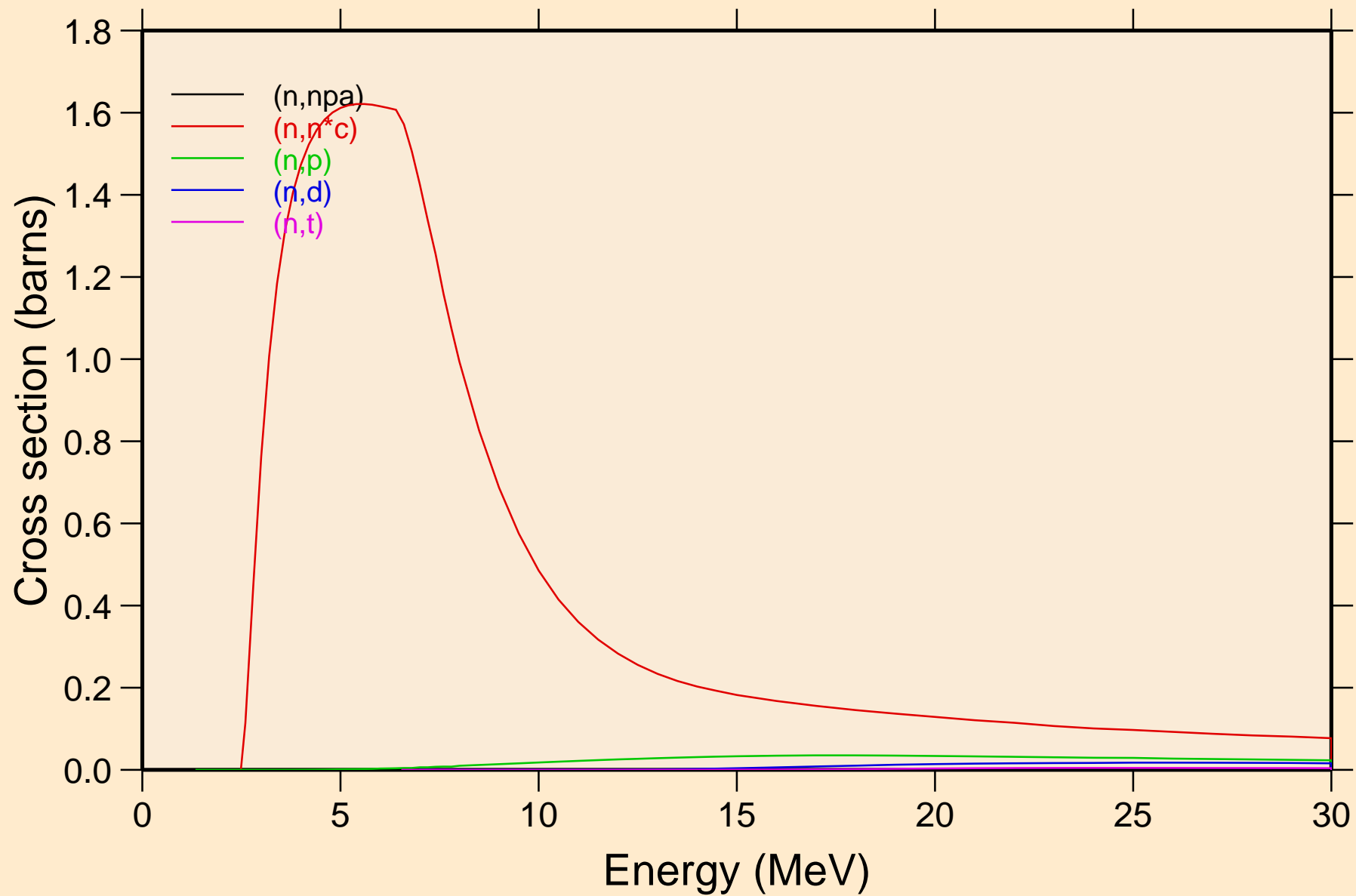
# CU068 NRG TENDL-2015, AKONING

## Threshold reactions



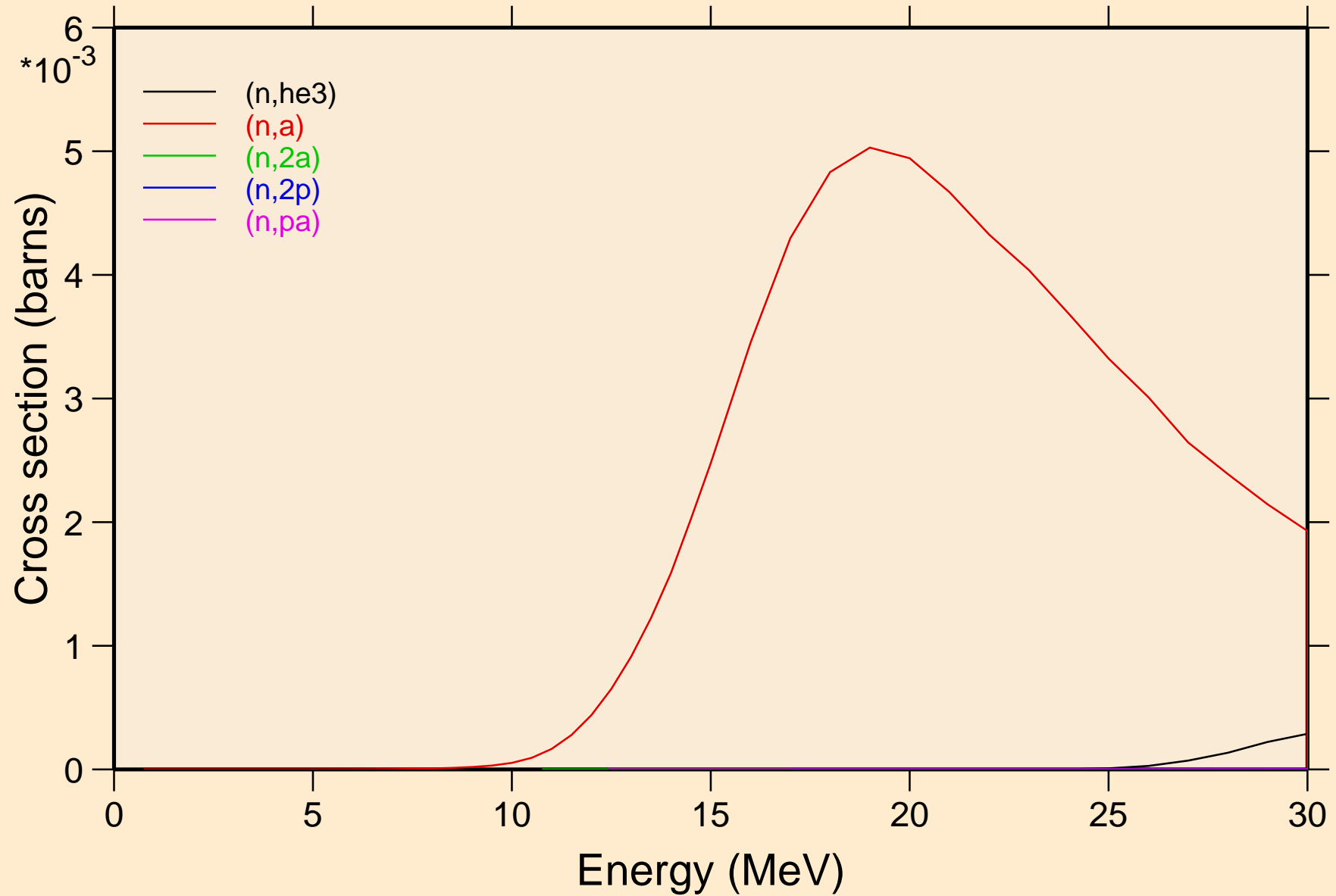
# CU068 NRG TENDL-2015, AKONING

## Threshold reactions



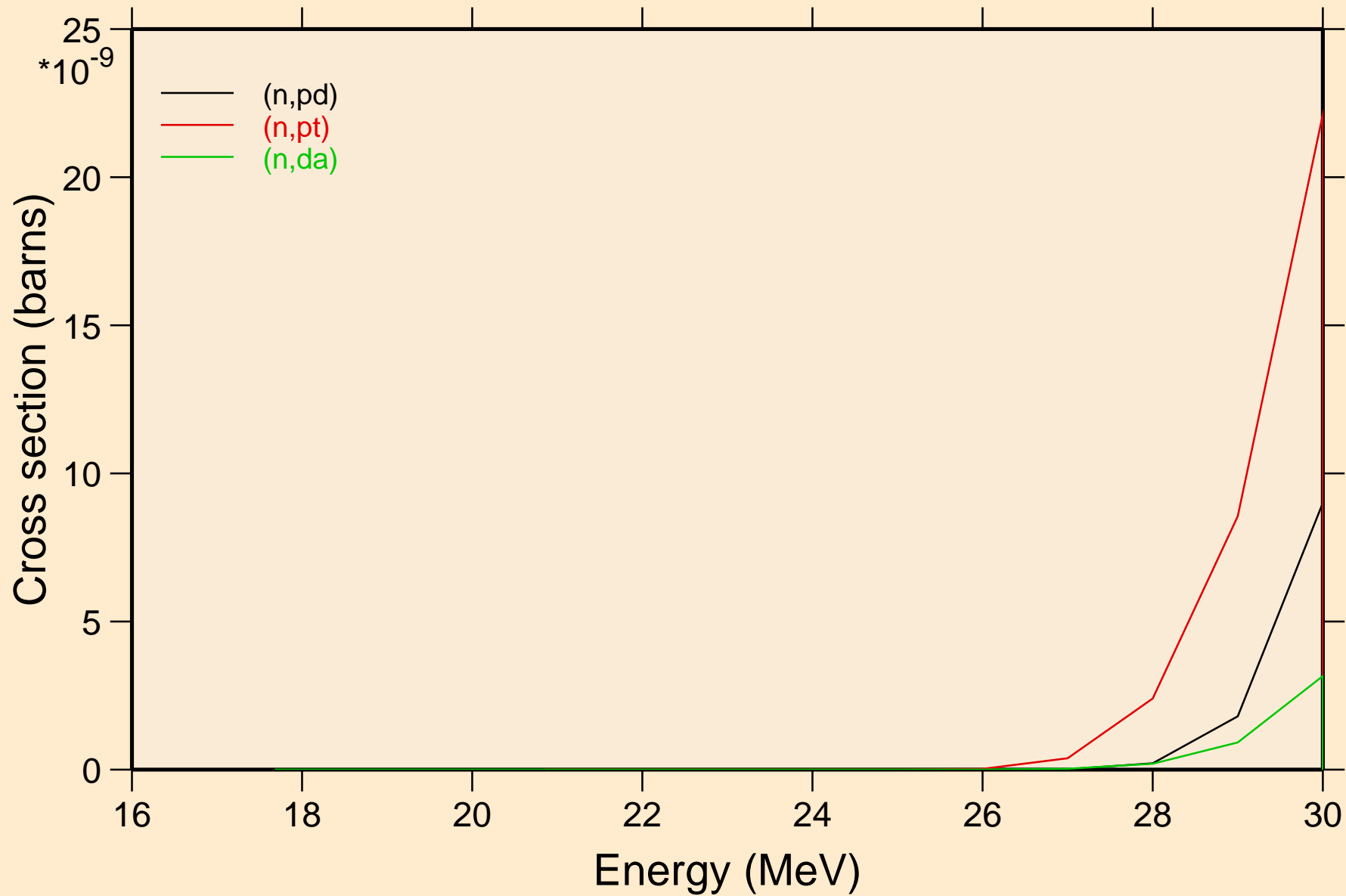
# CU068 NRG TENDL-2015, AKONING

## Threshold reactions



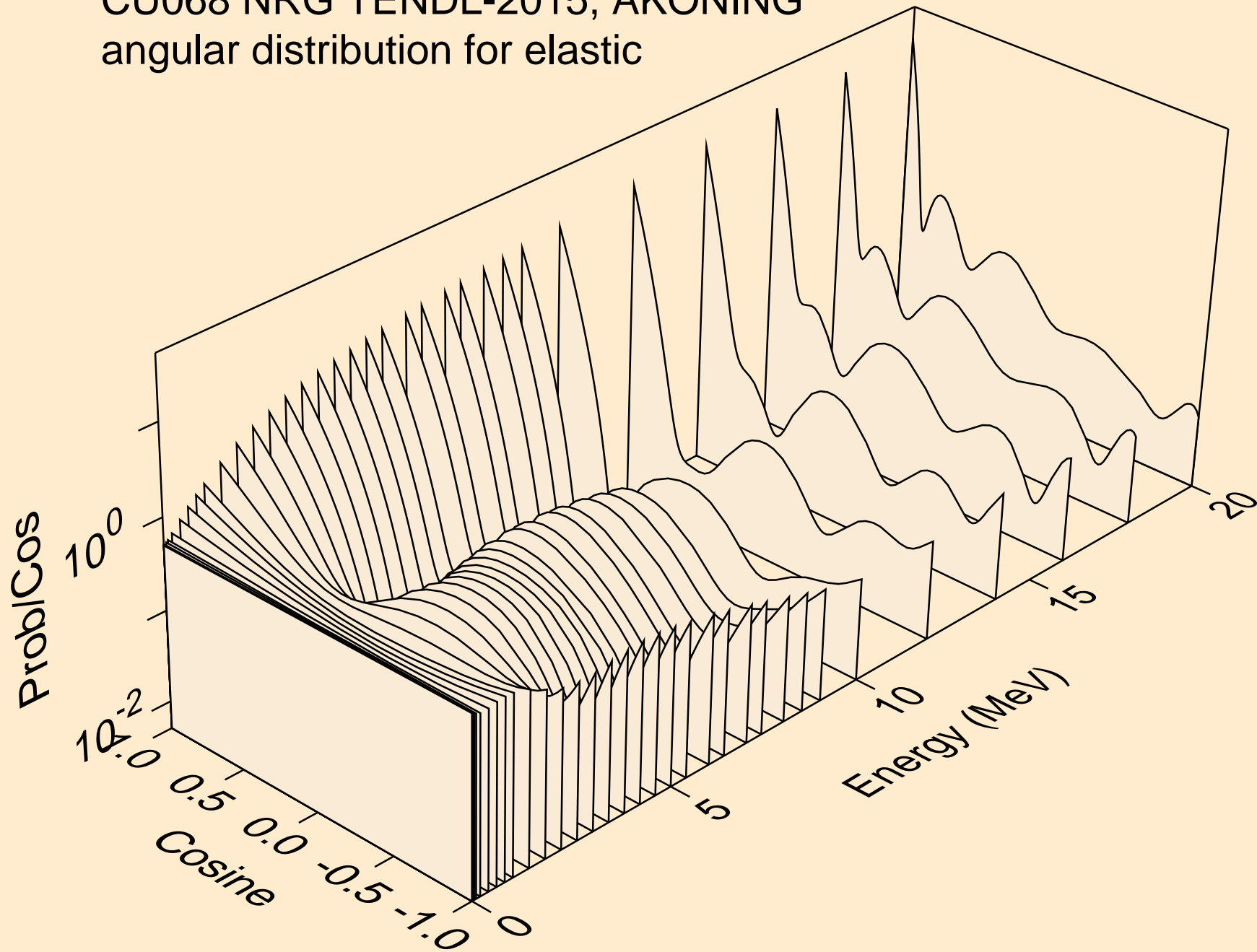
# CU068 NRG TENDL-2015, AKONING

## Threshold reactions

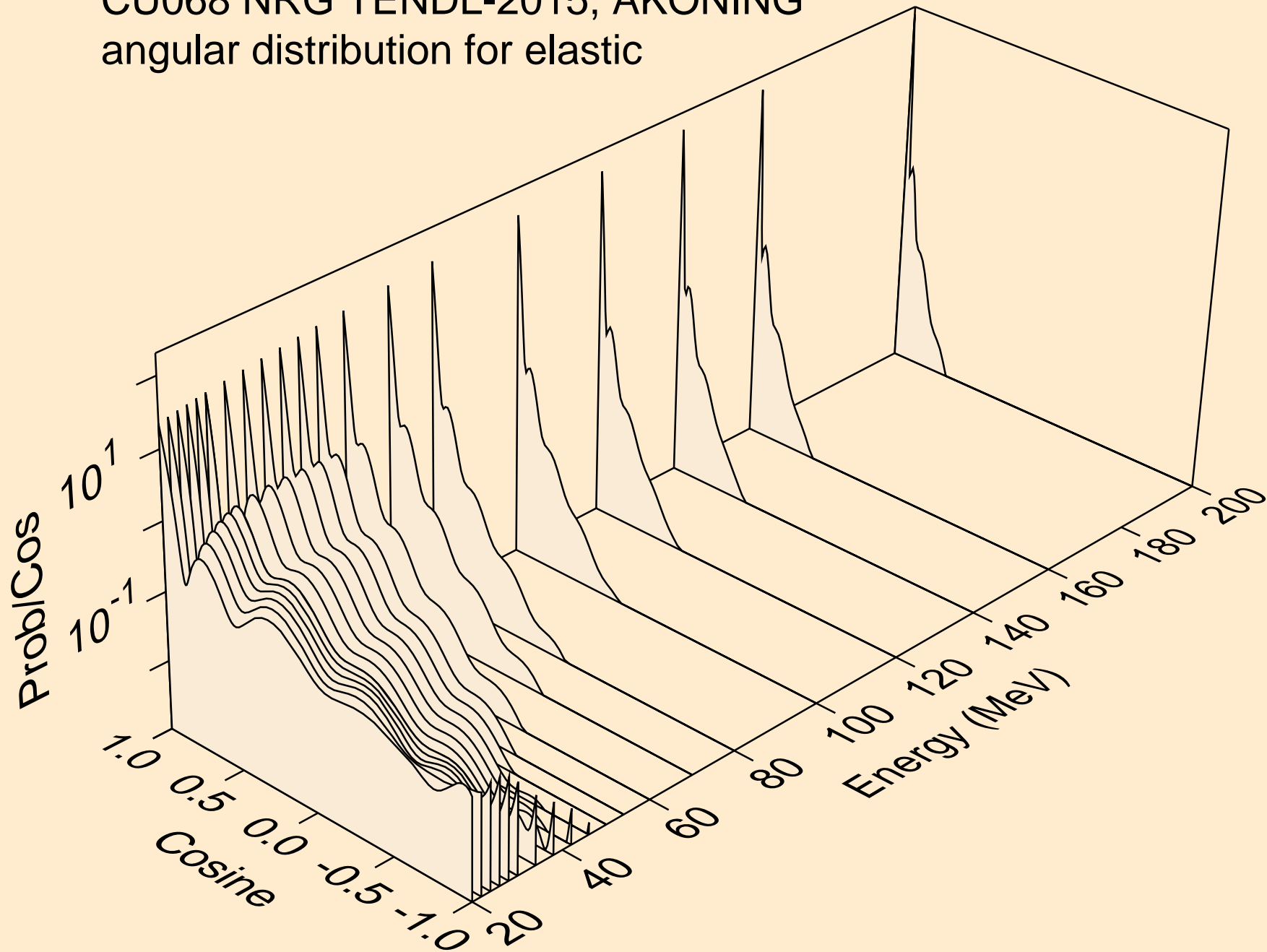




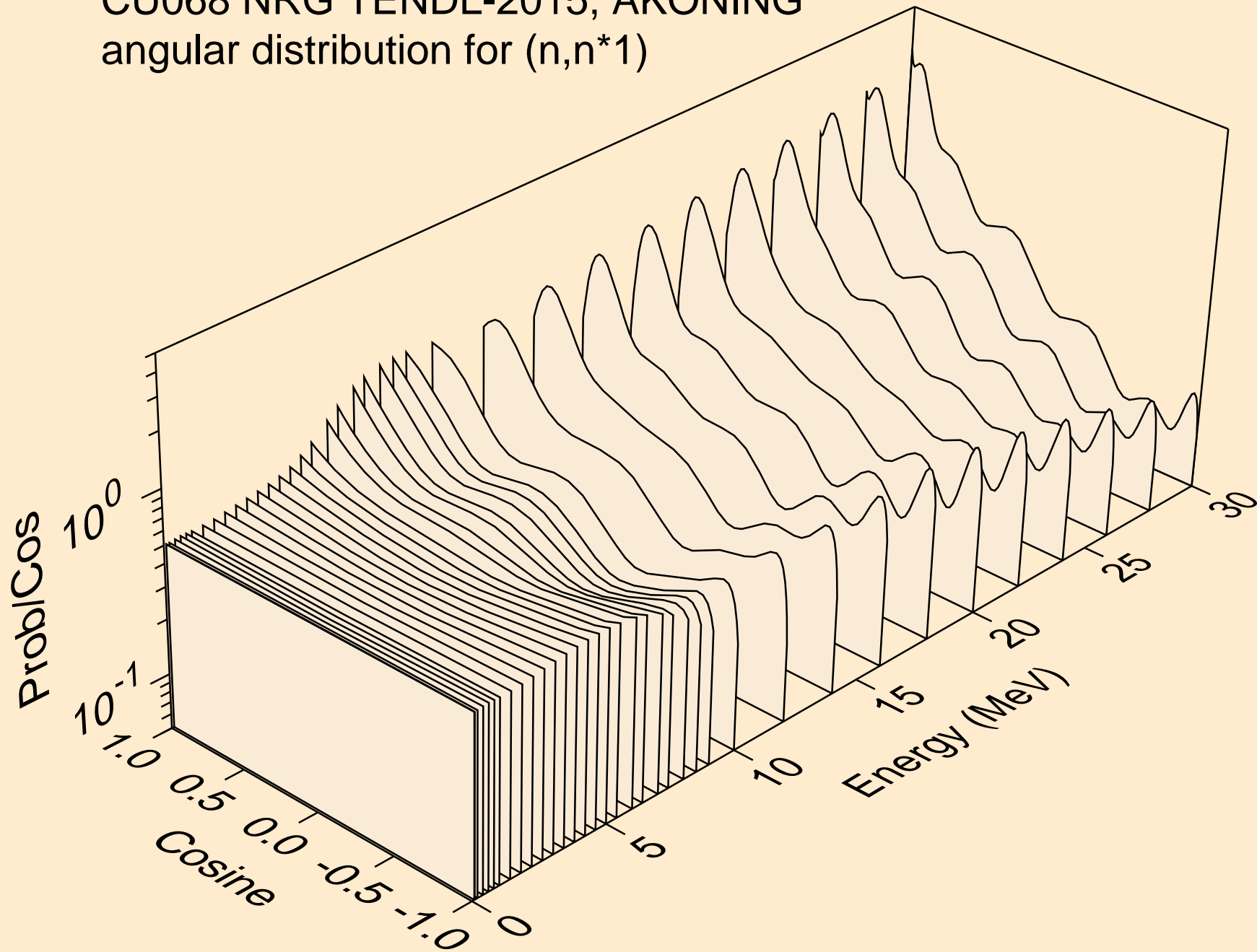
CU068 NRG TENDL-2015, AKONING  
angular distribution for elastic



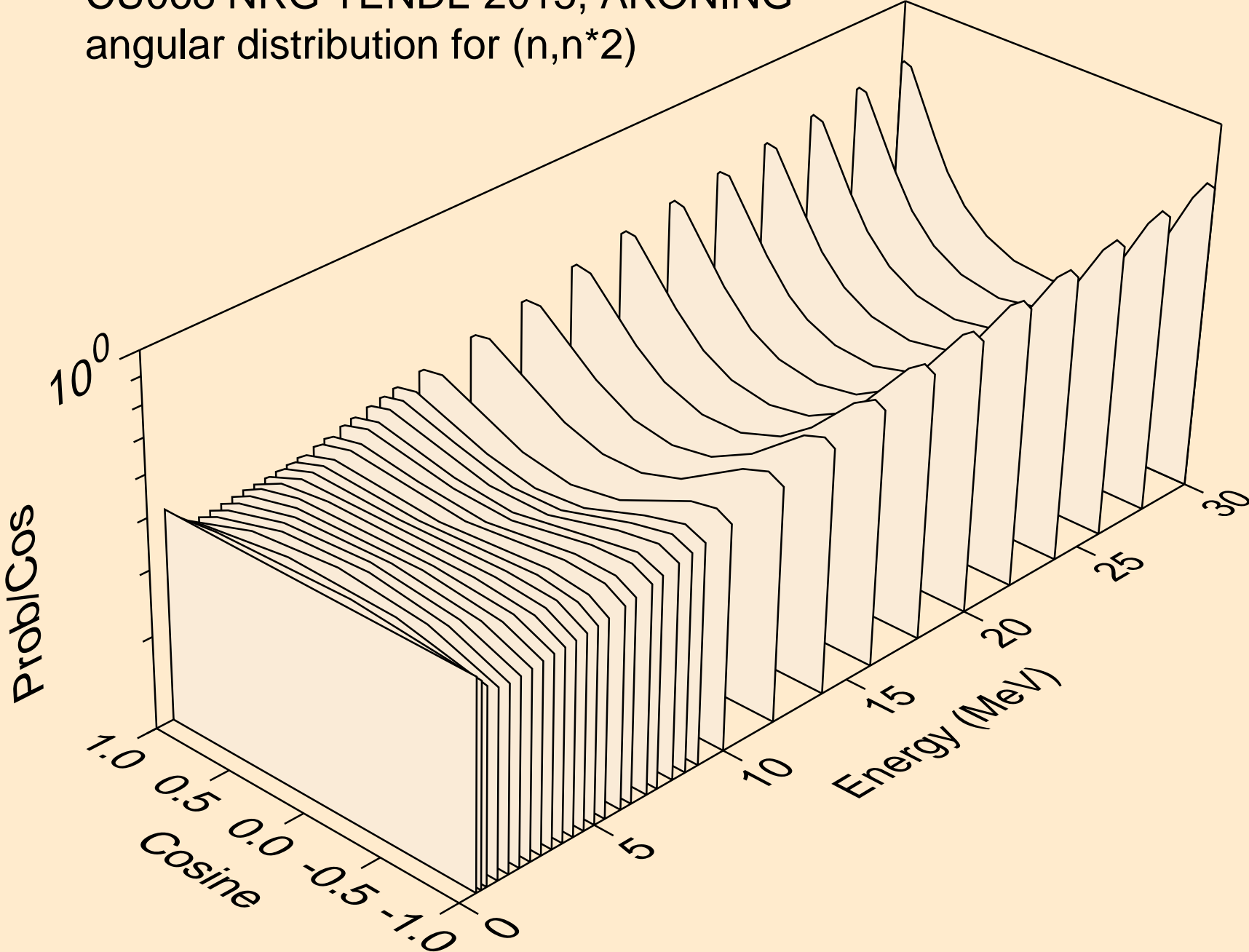
CU068 NRG TENDL-2015, AKONING  
angular distribution for elastic



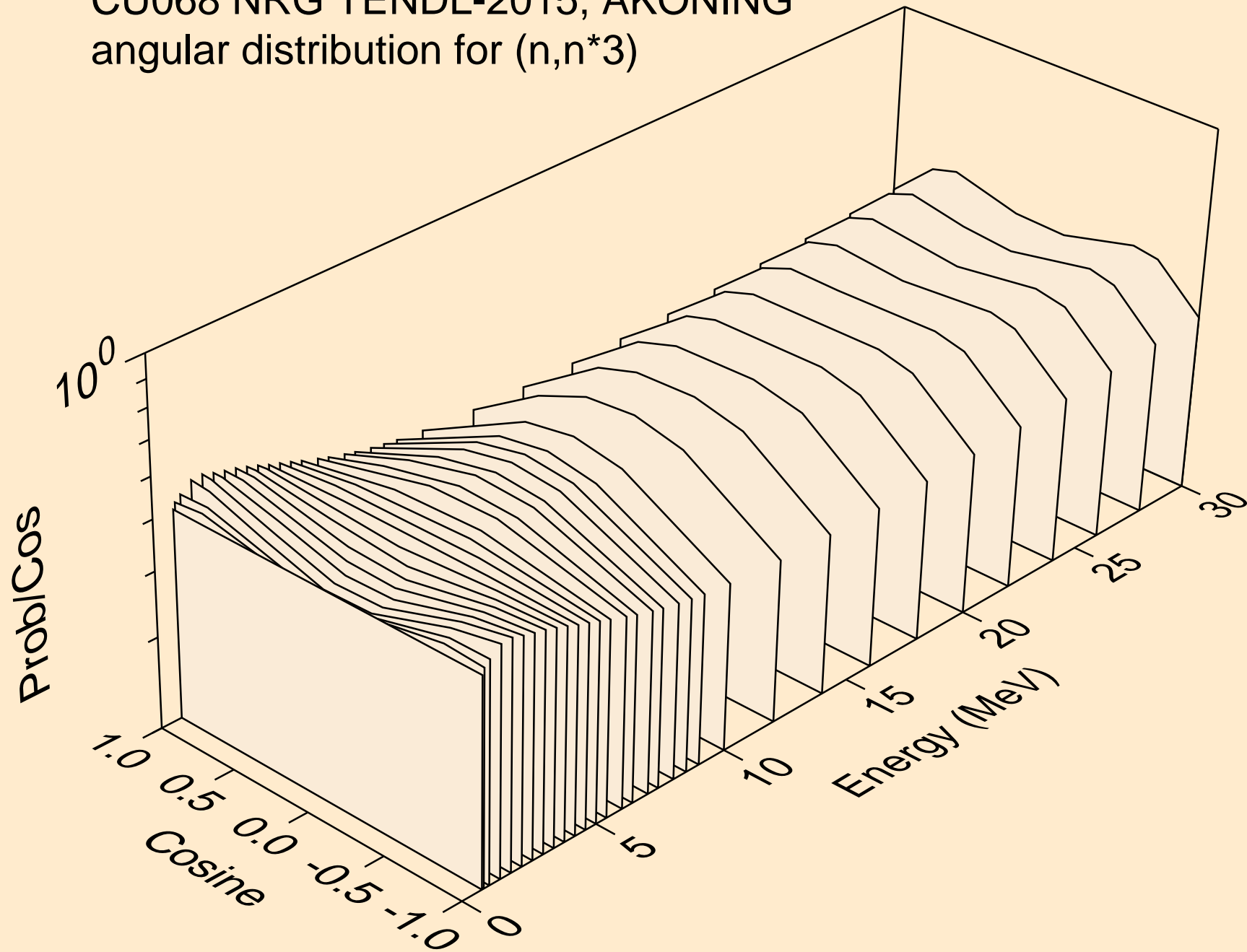
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



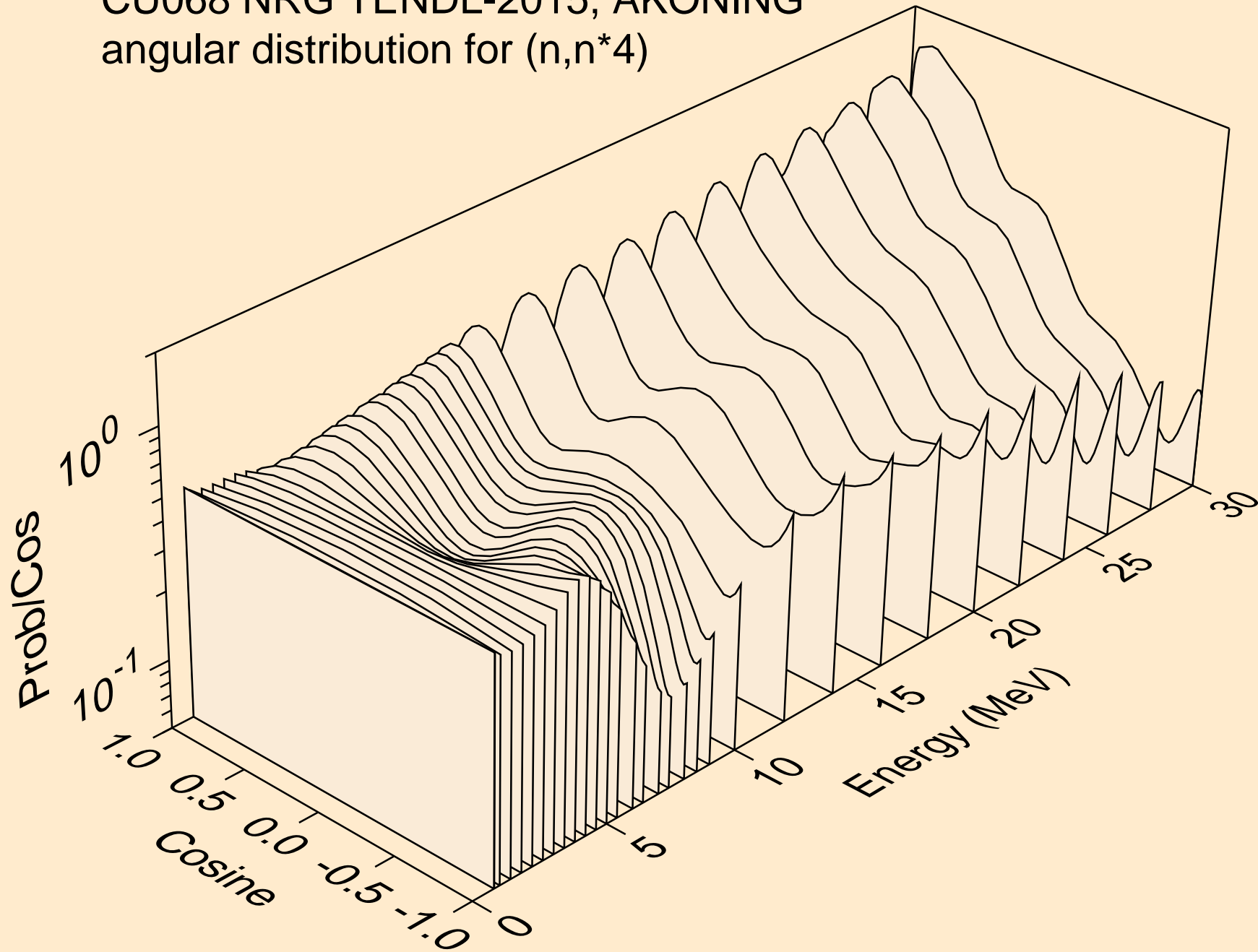
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



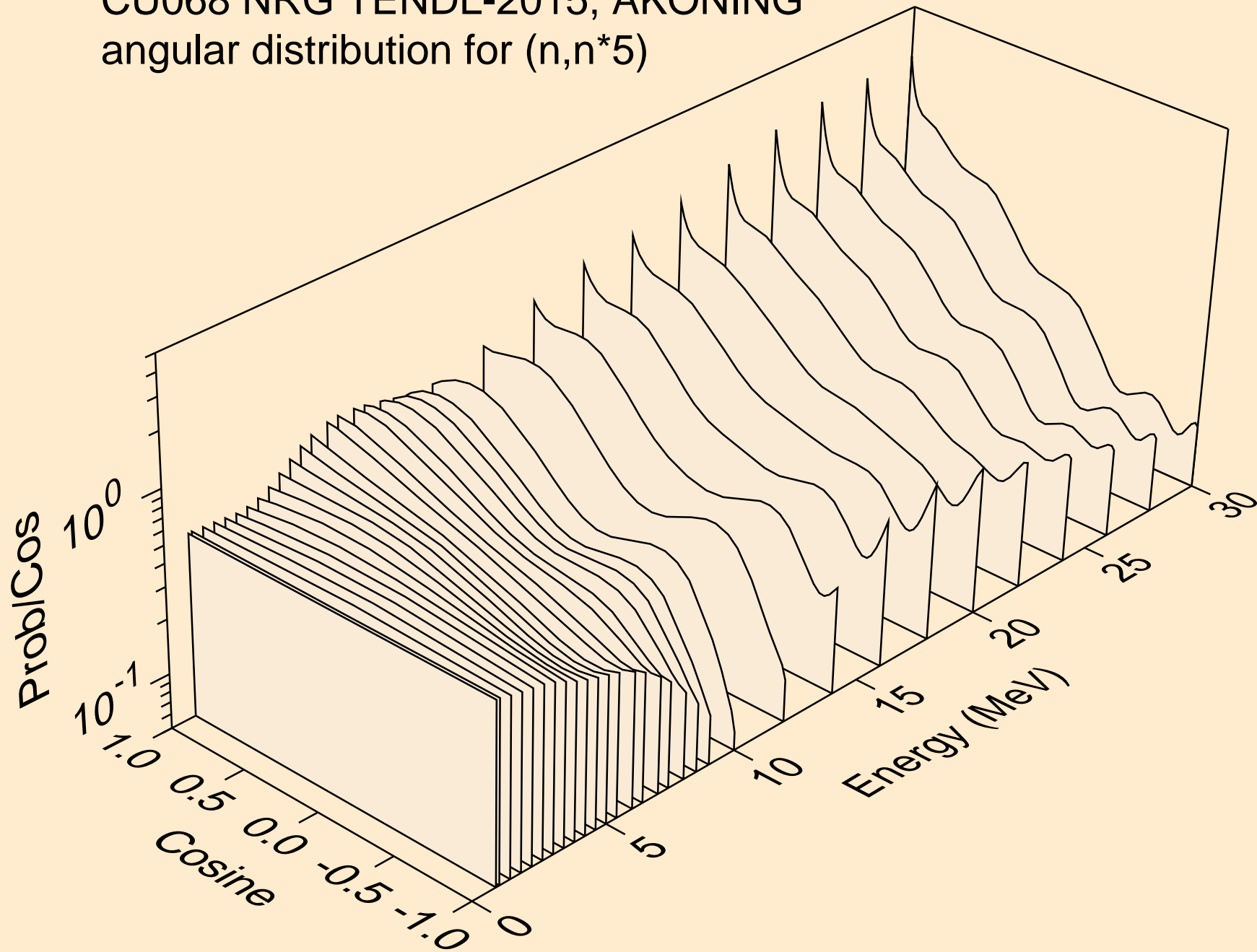
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



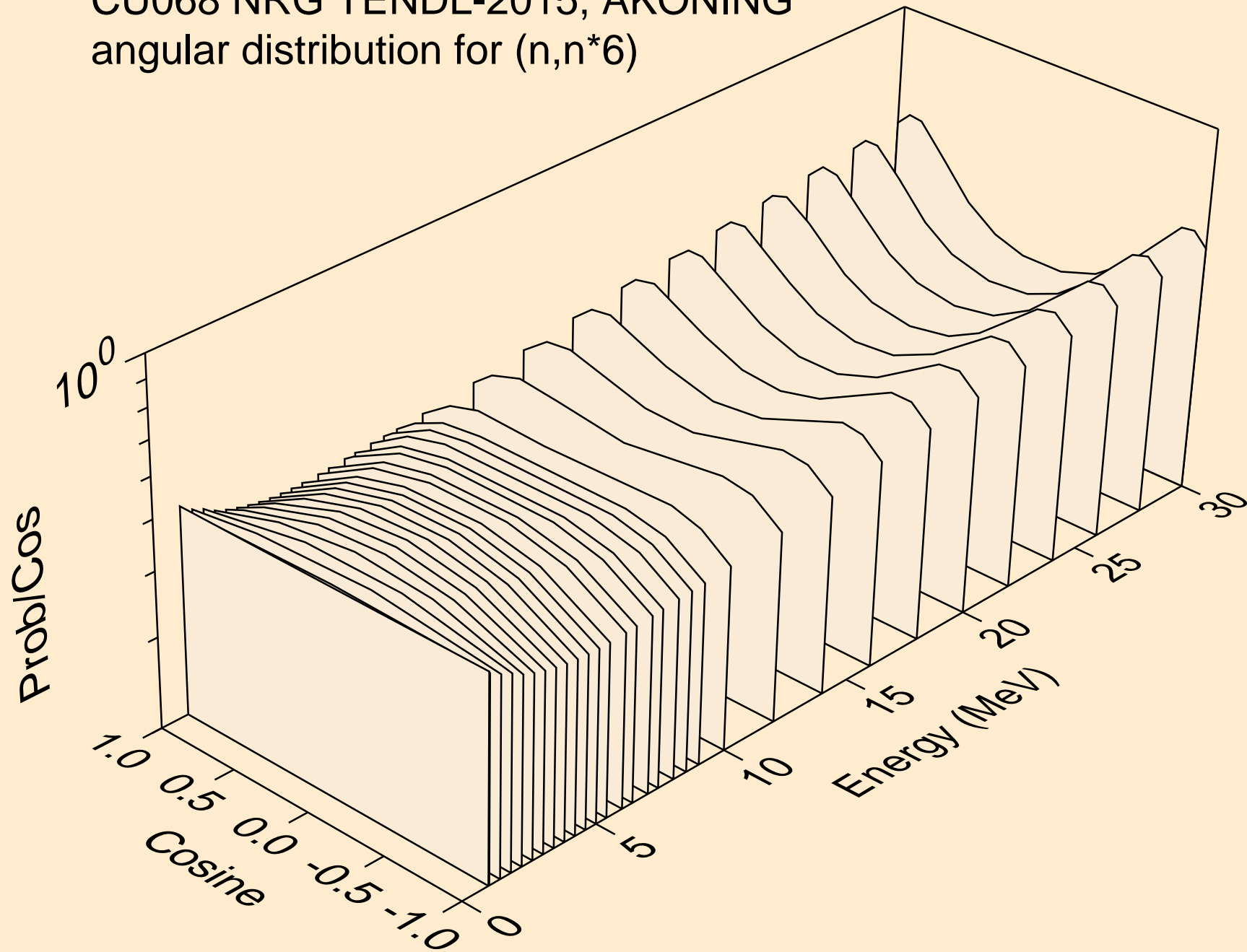
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

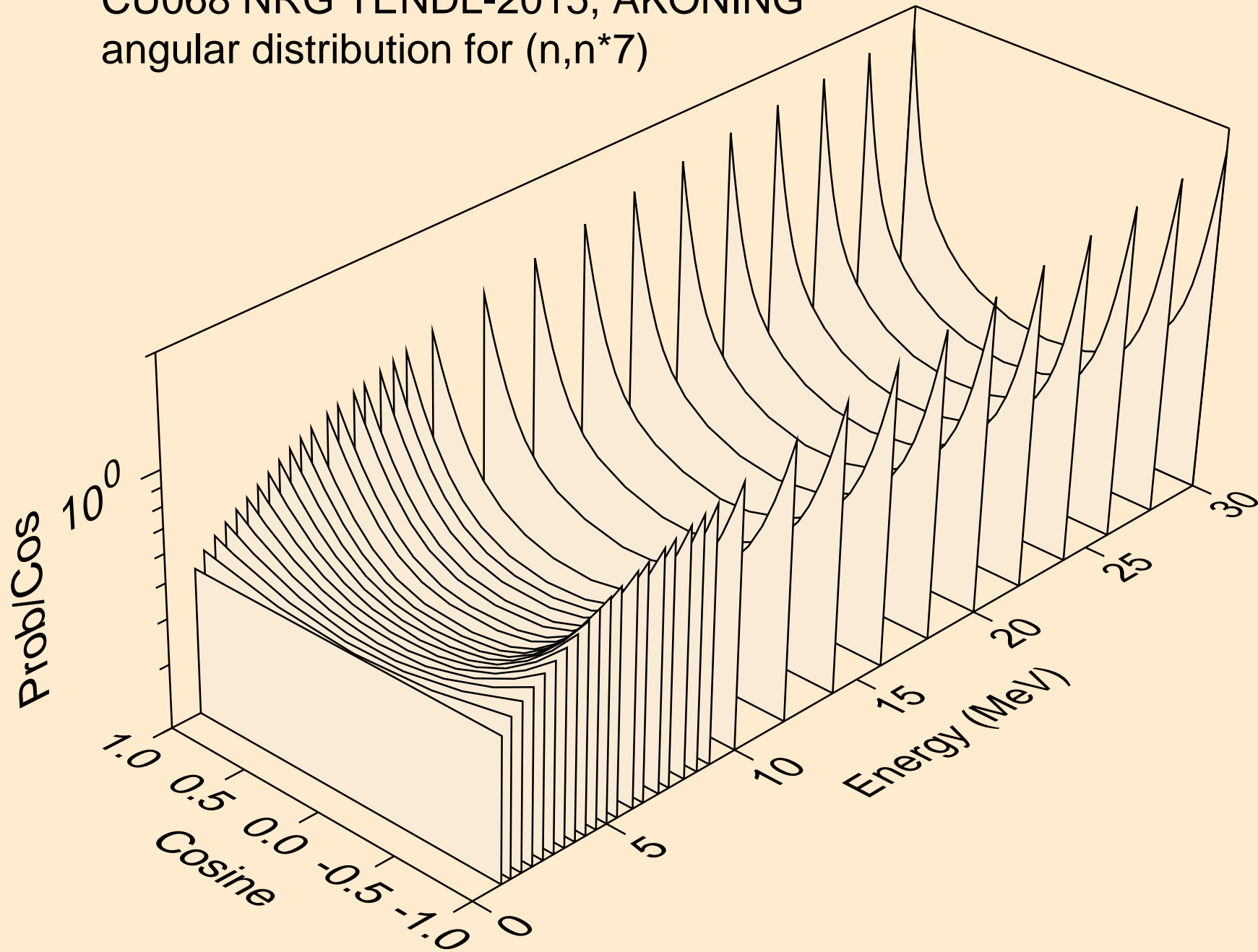


CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

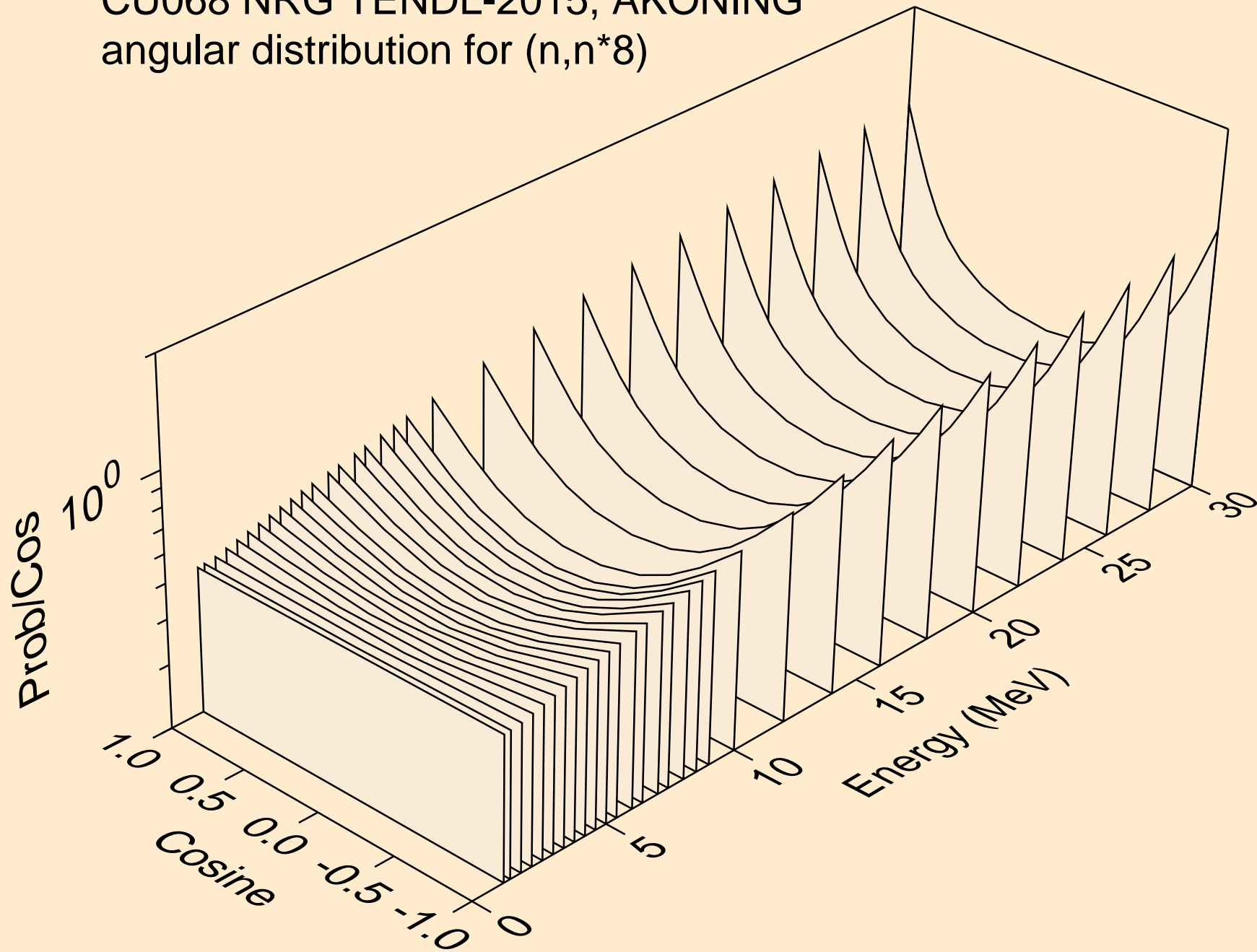




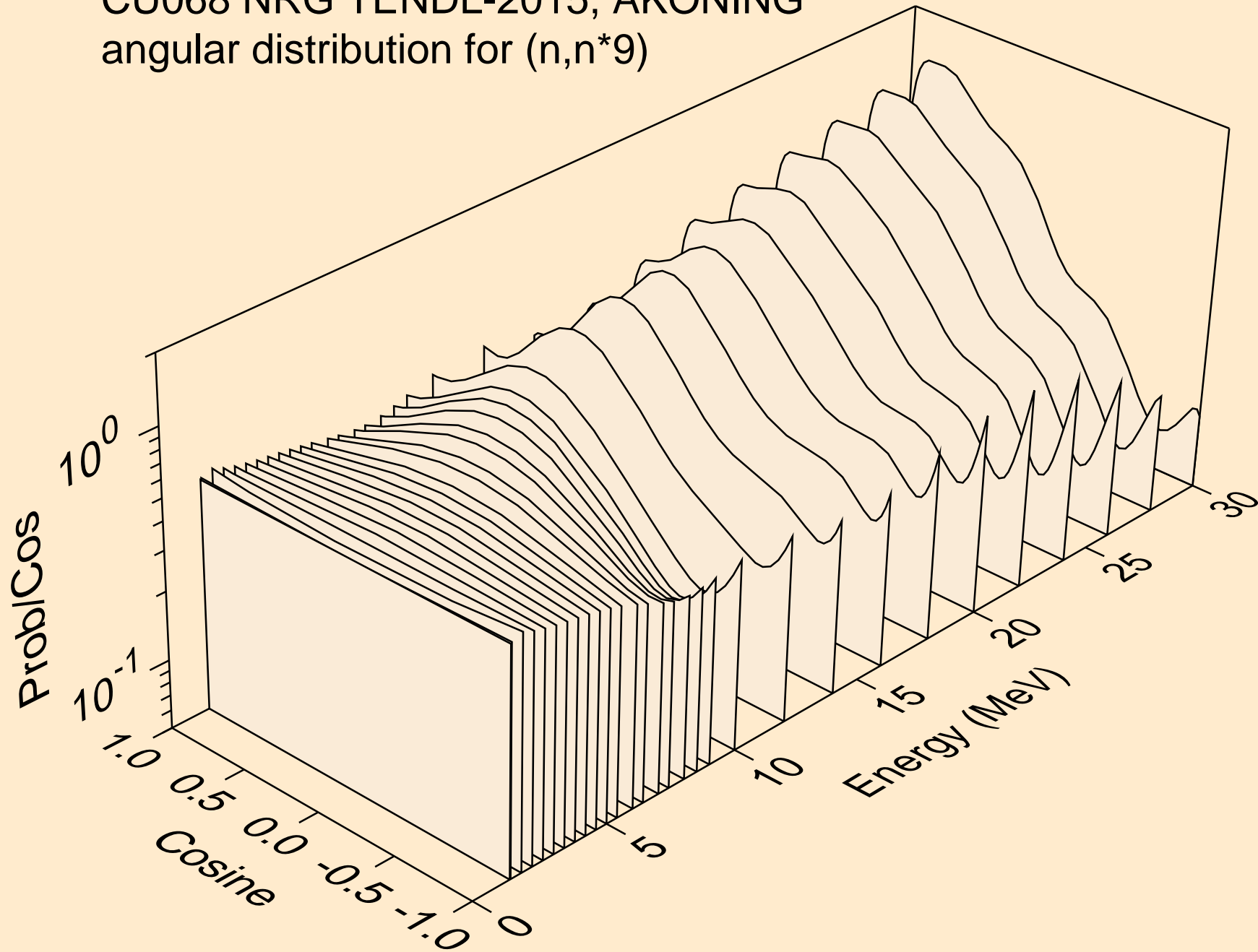
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



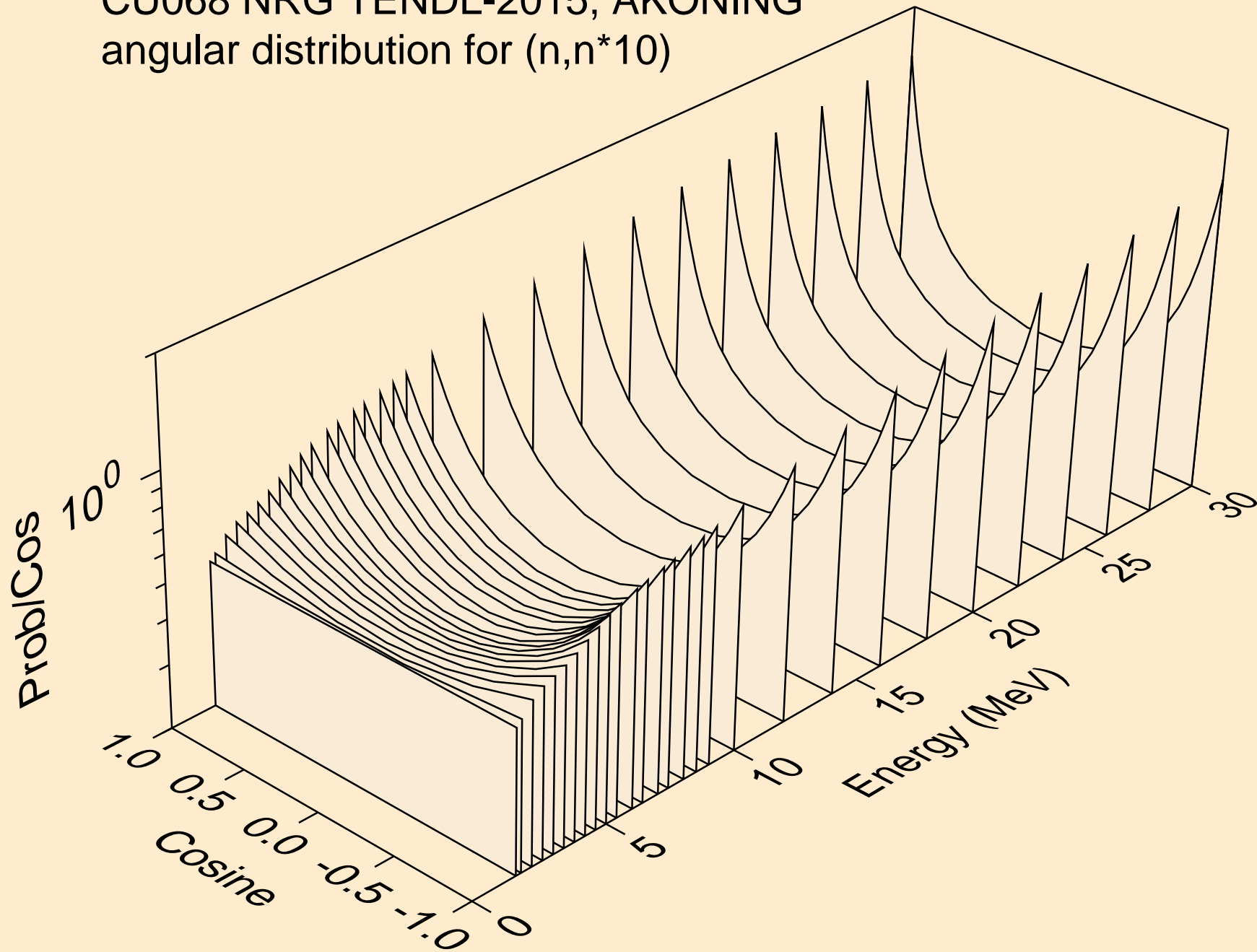
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



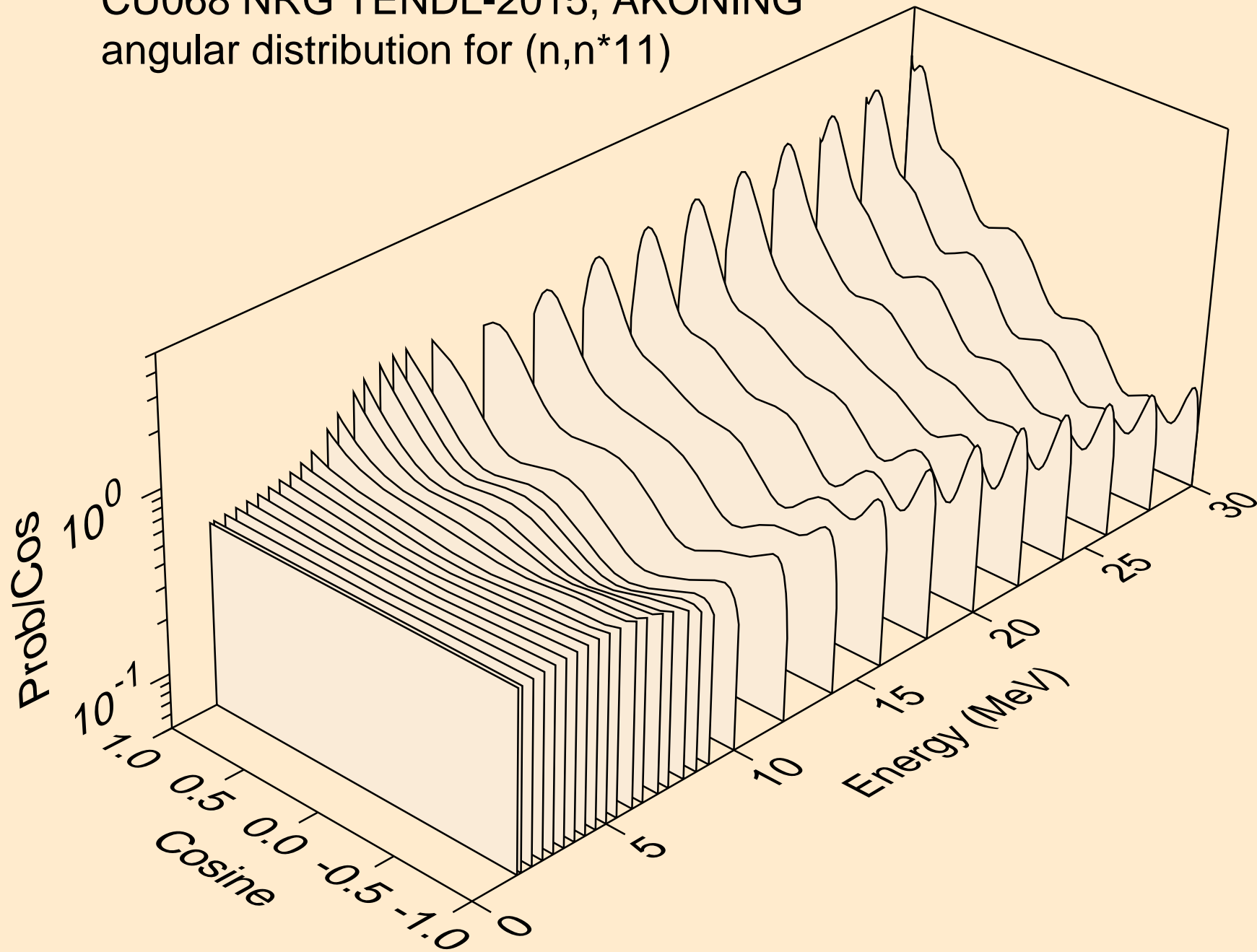
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



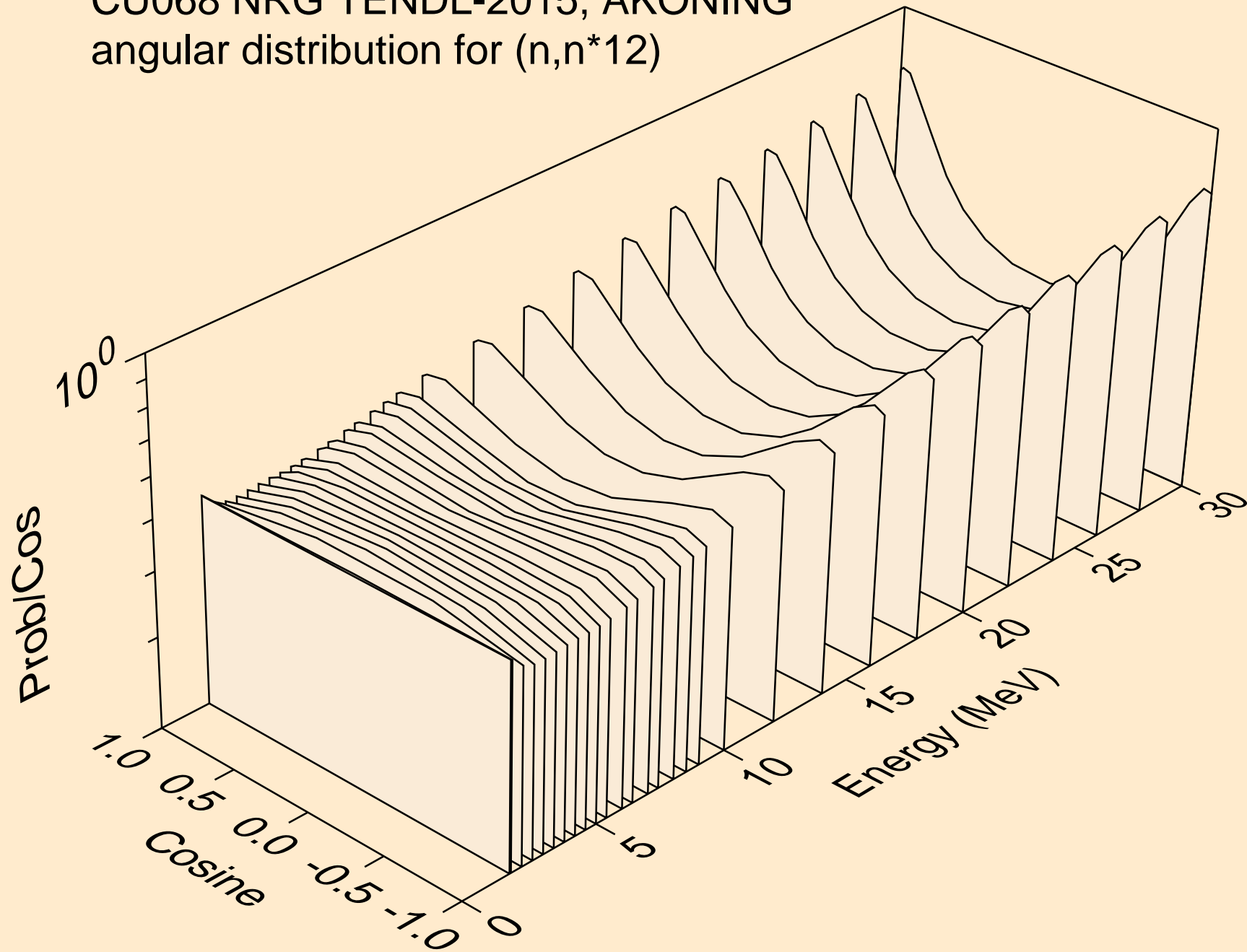
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



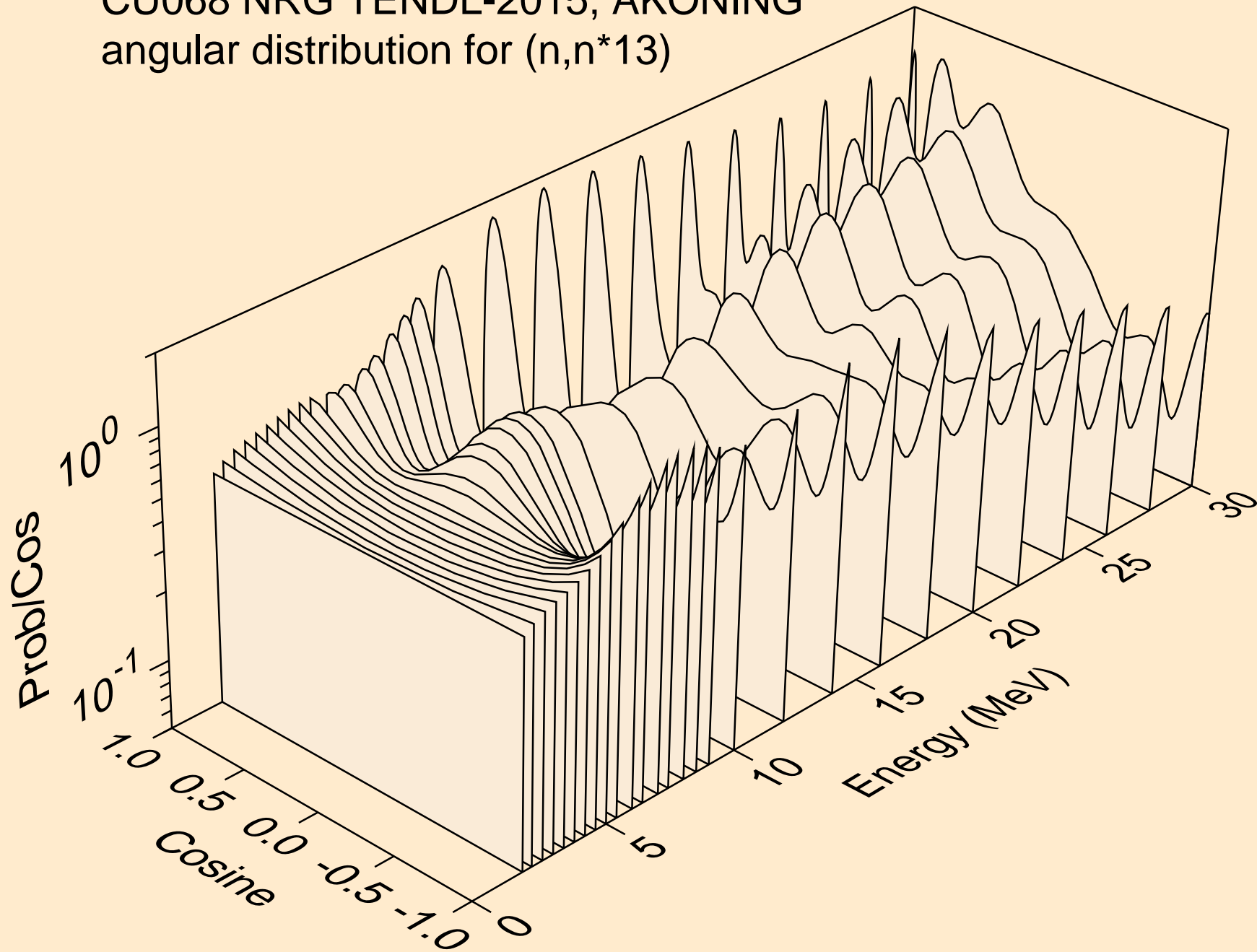
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



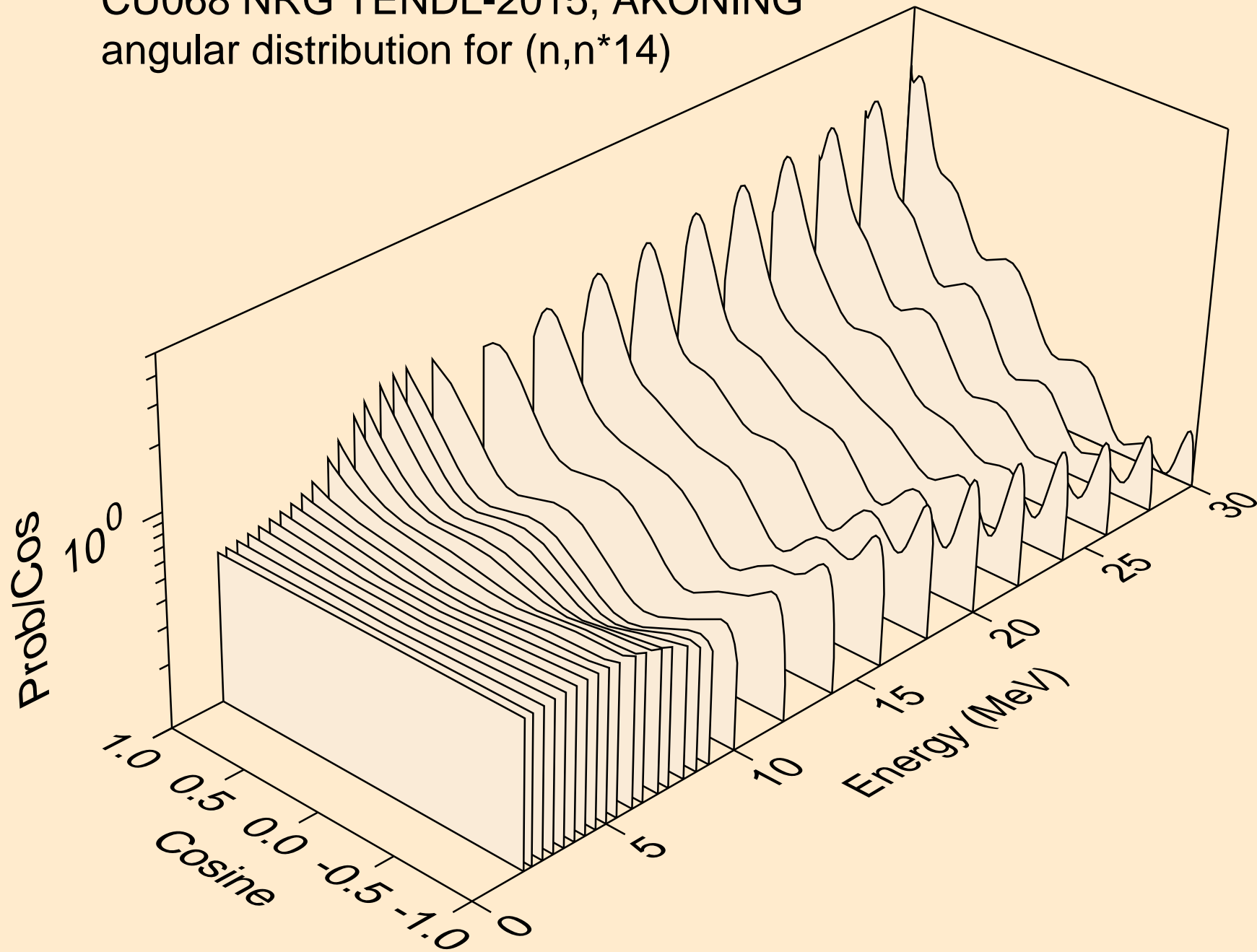
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

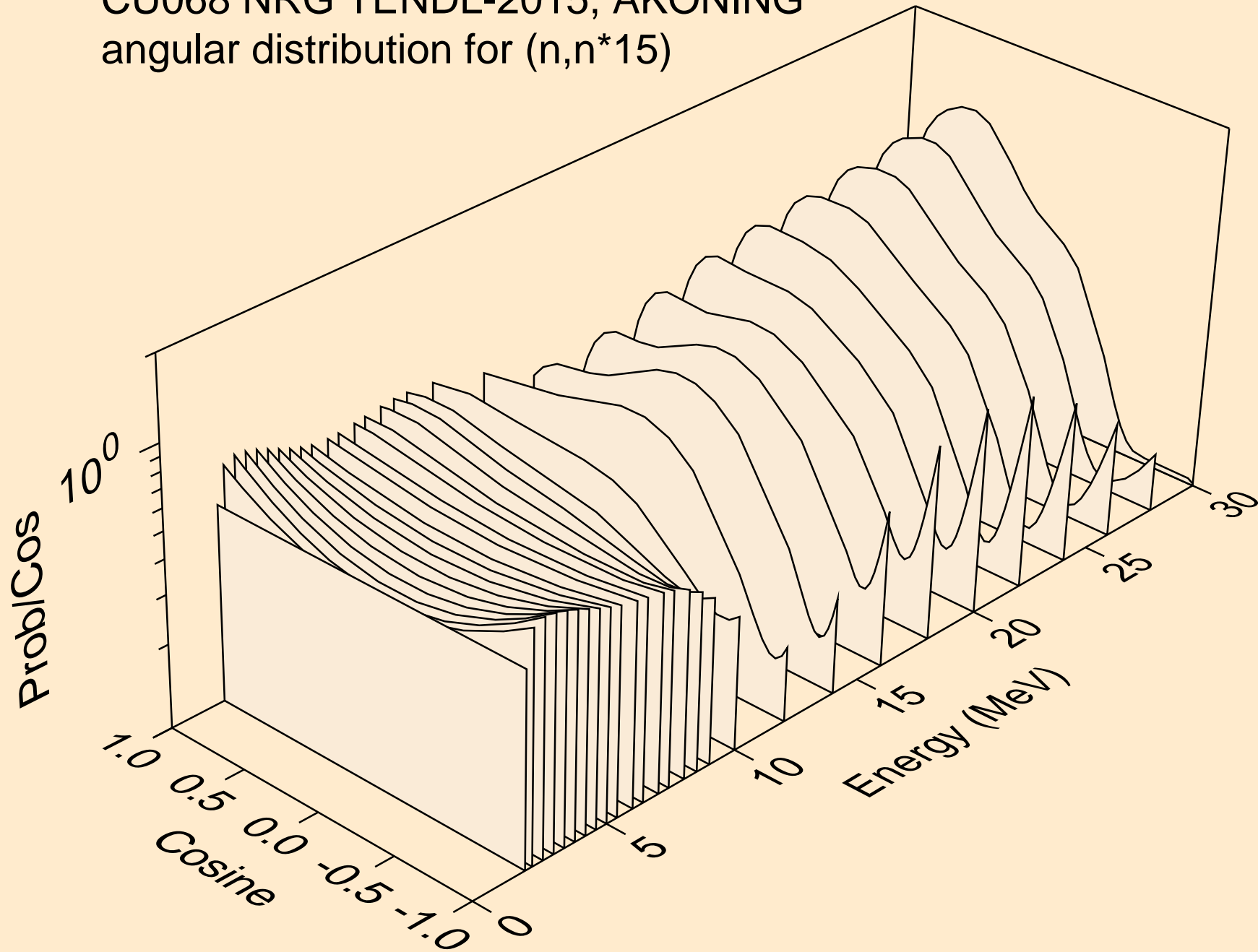


CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

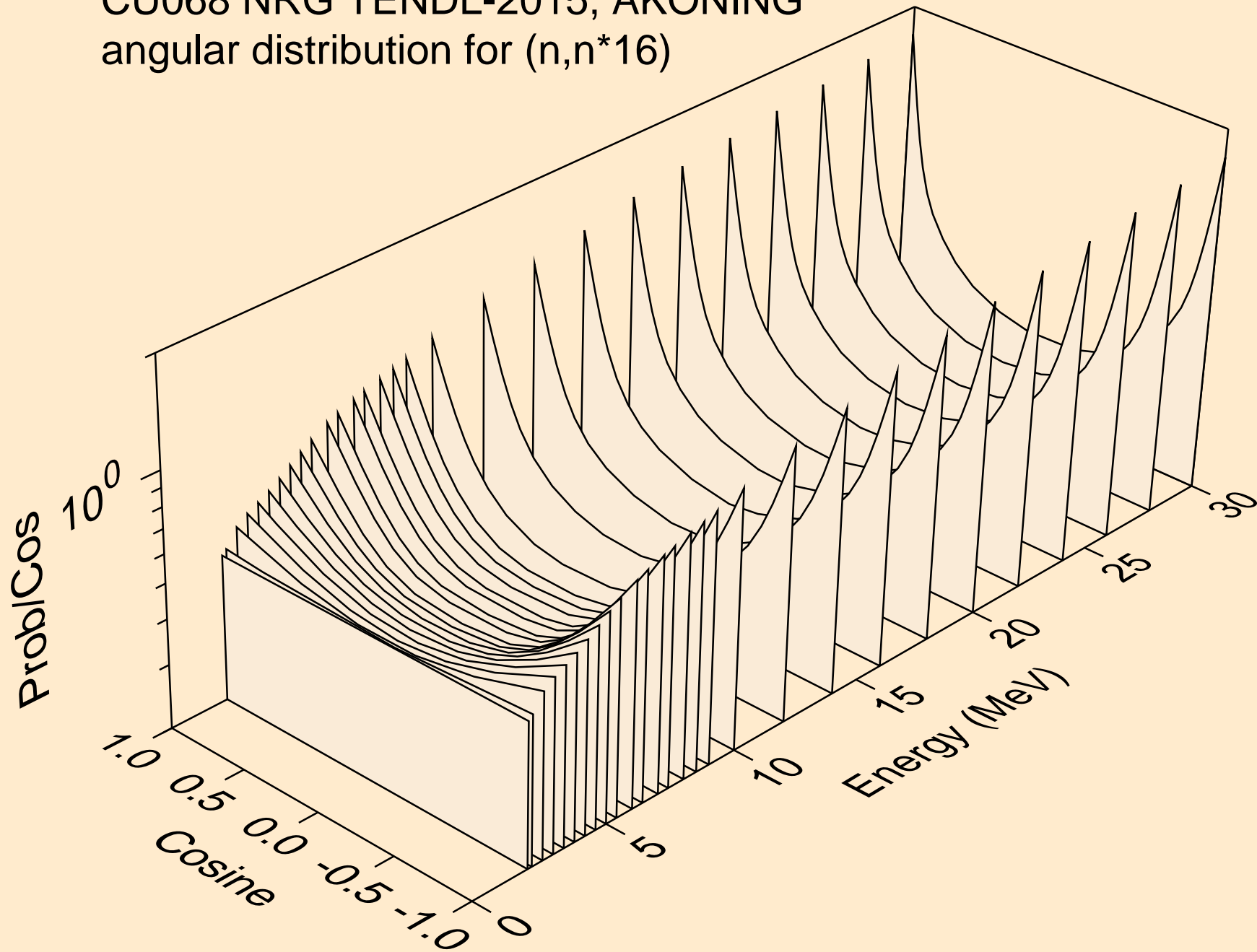




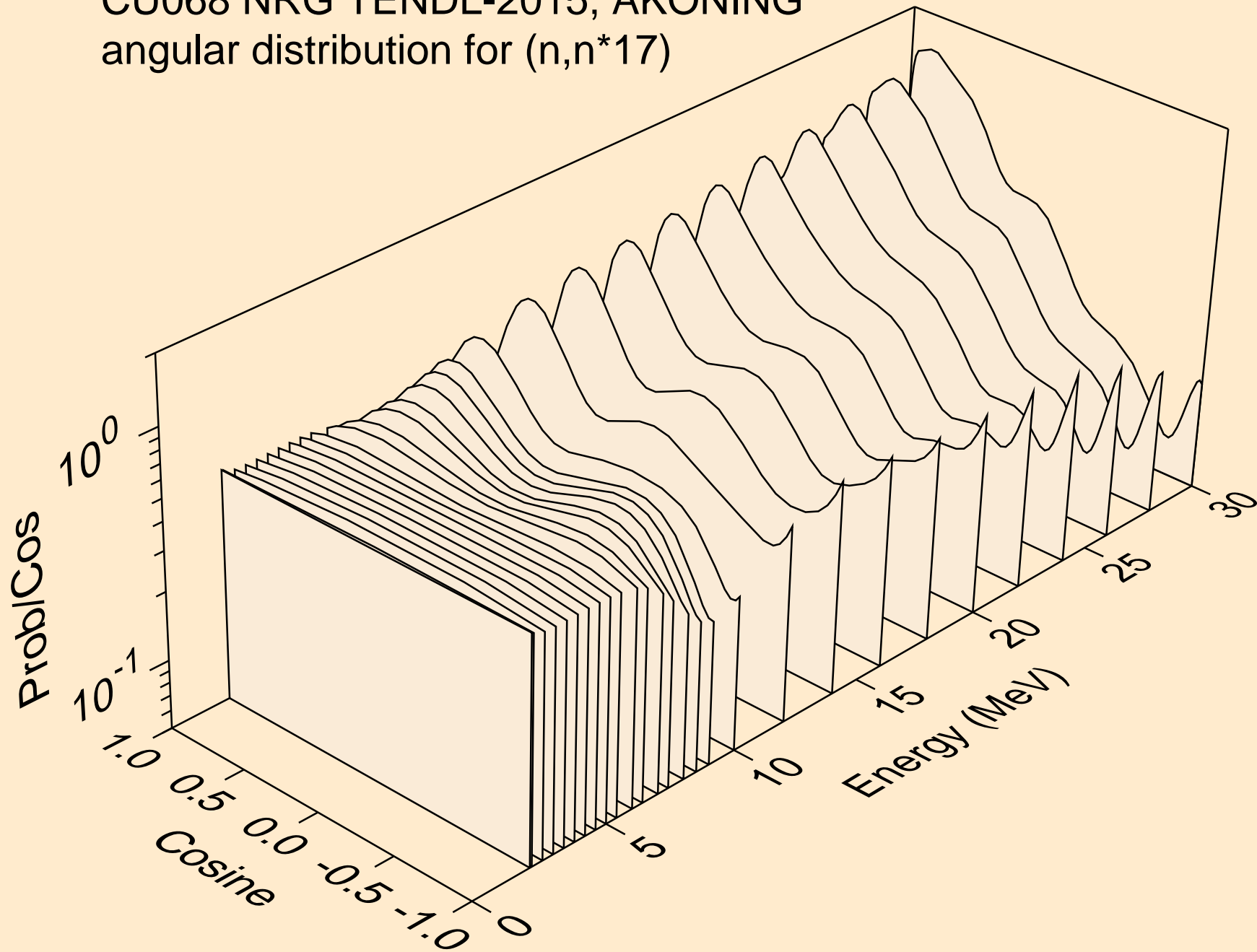
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



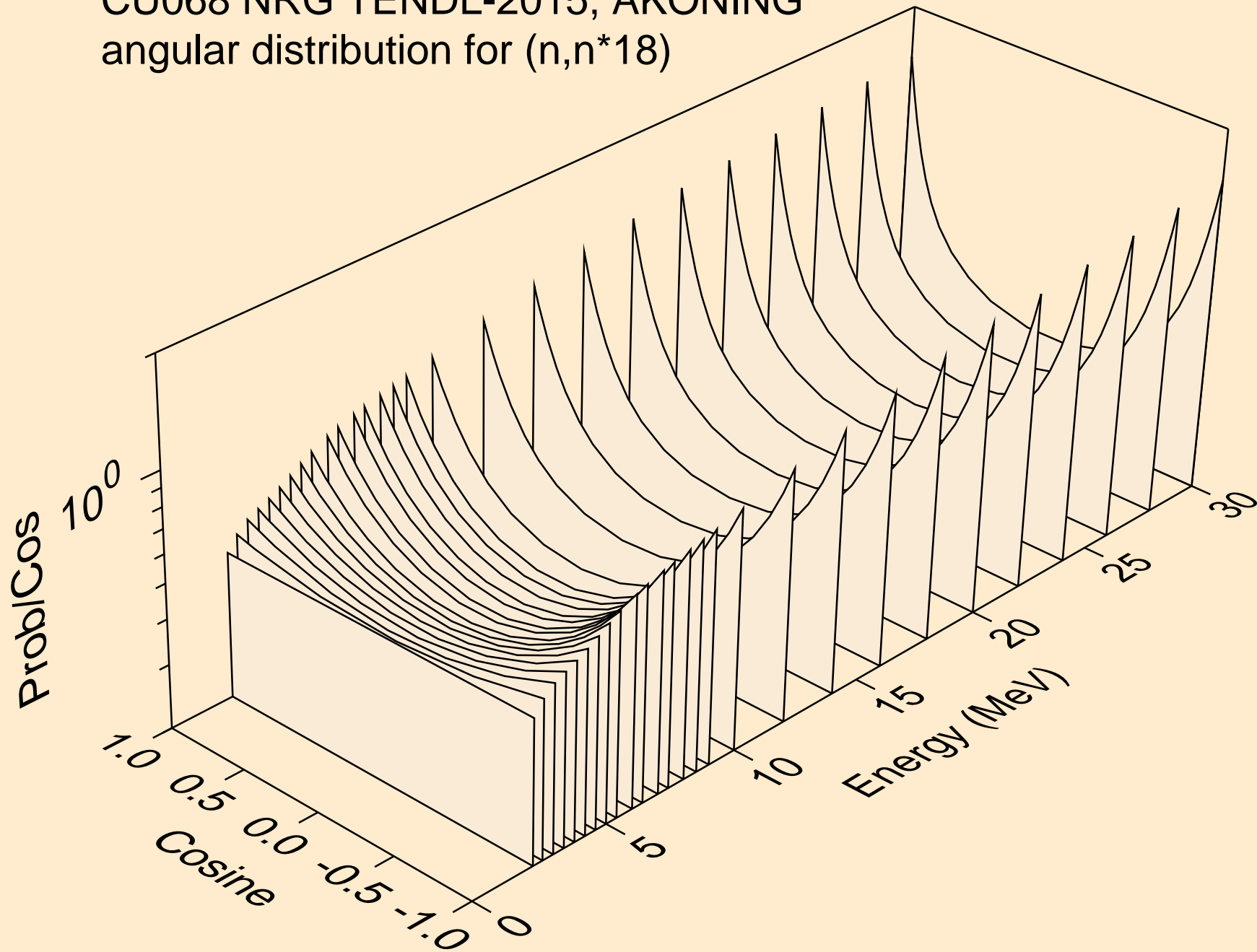
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



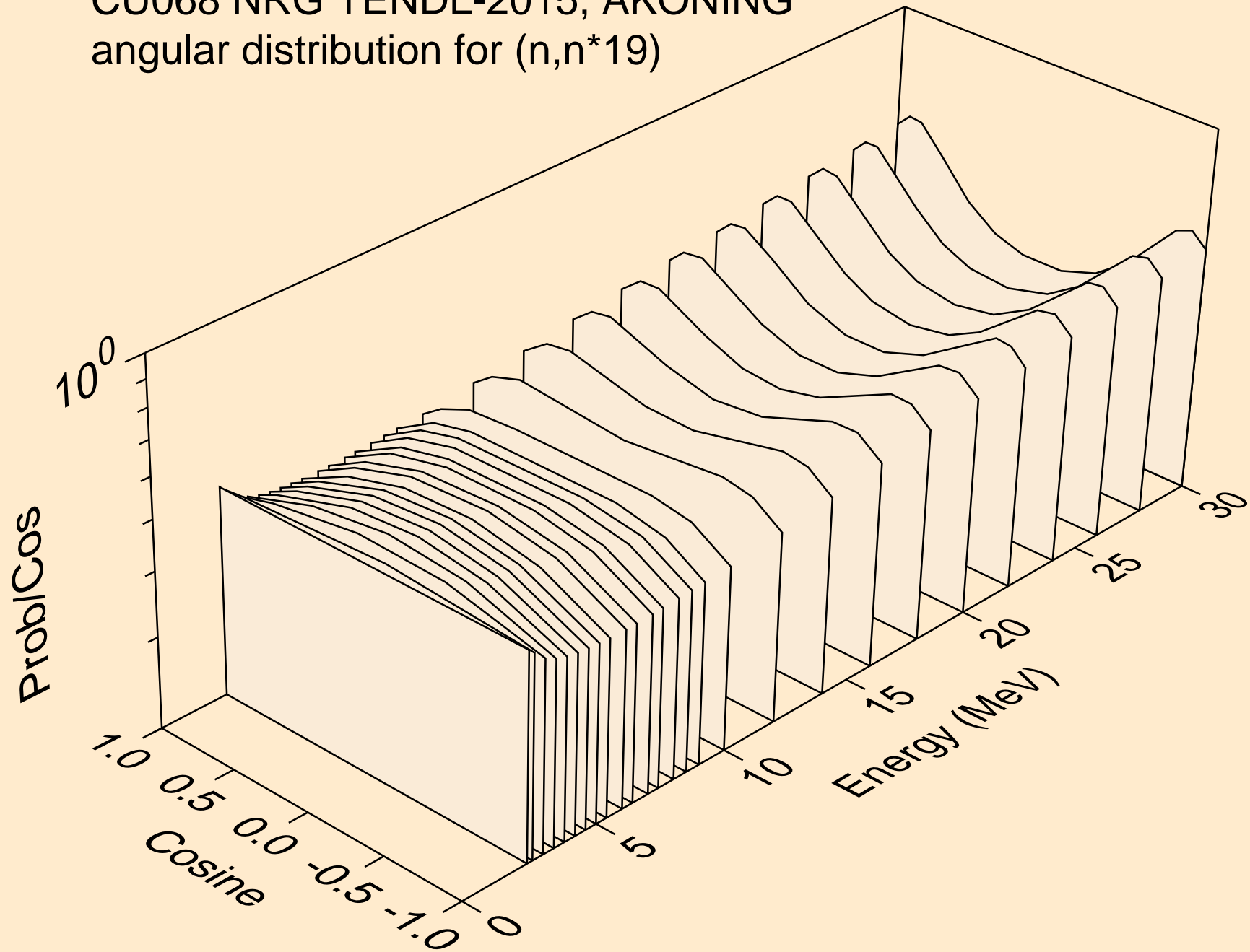
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



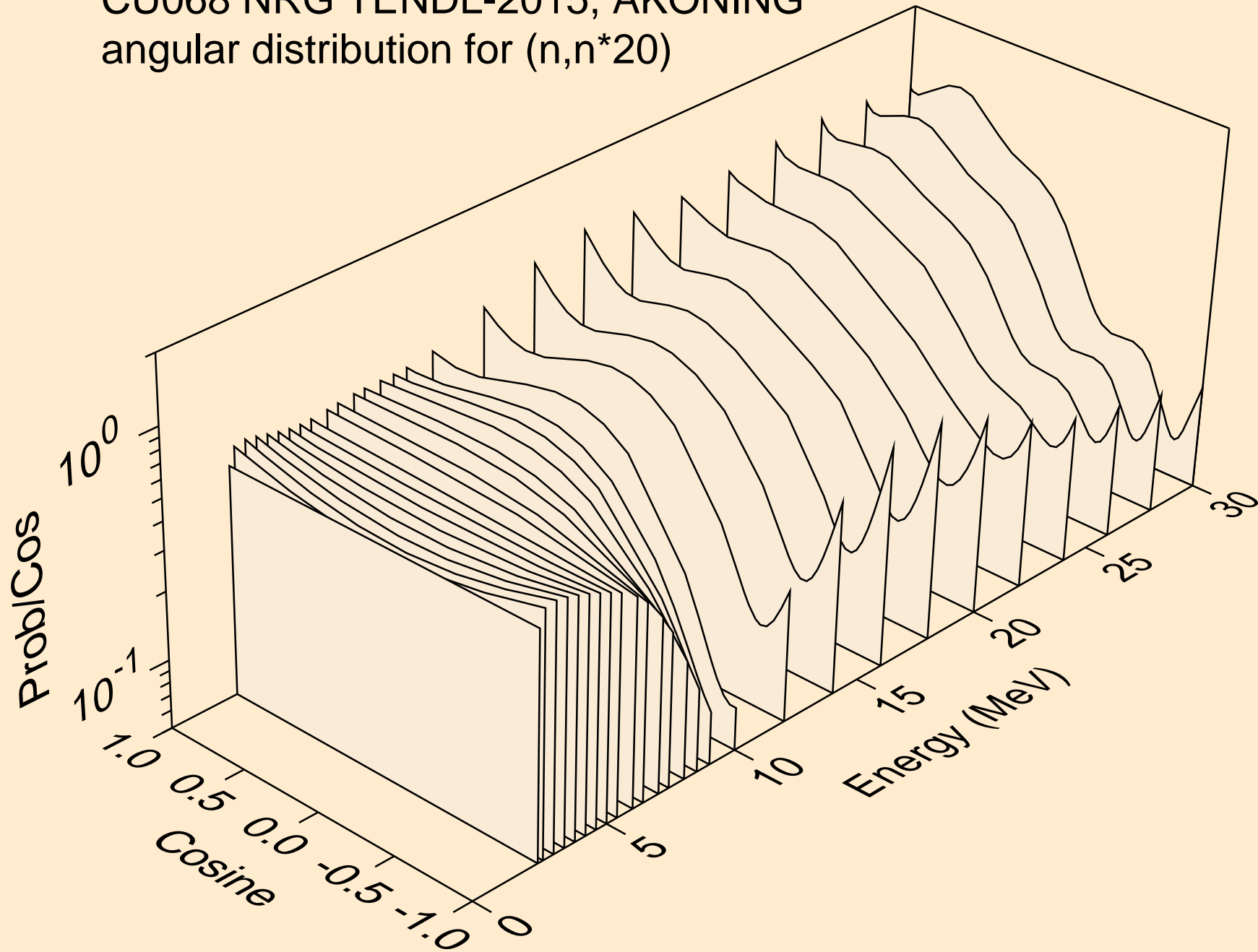
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angular distribution for (n,n\*18)



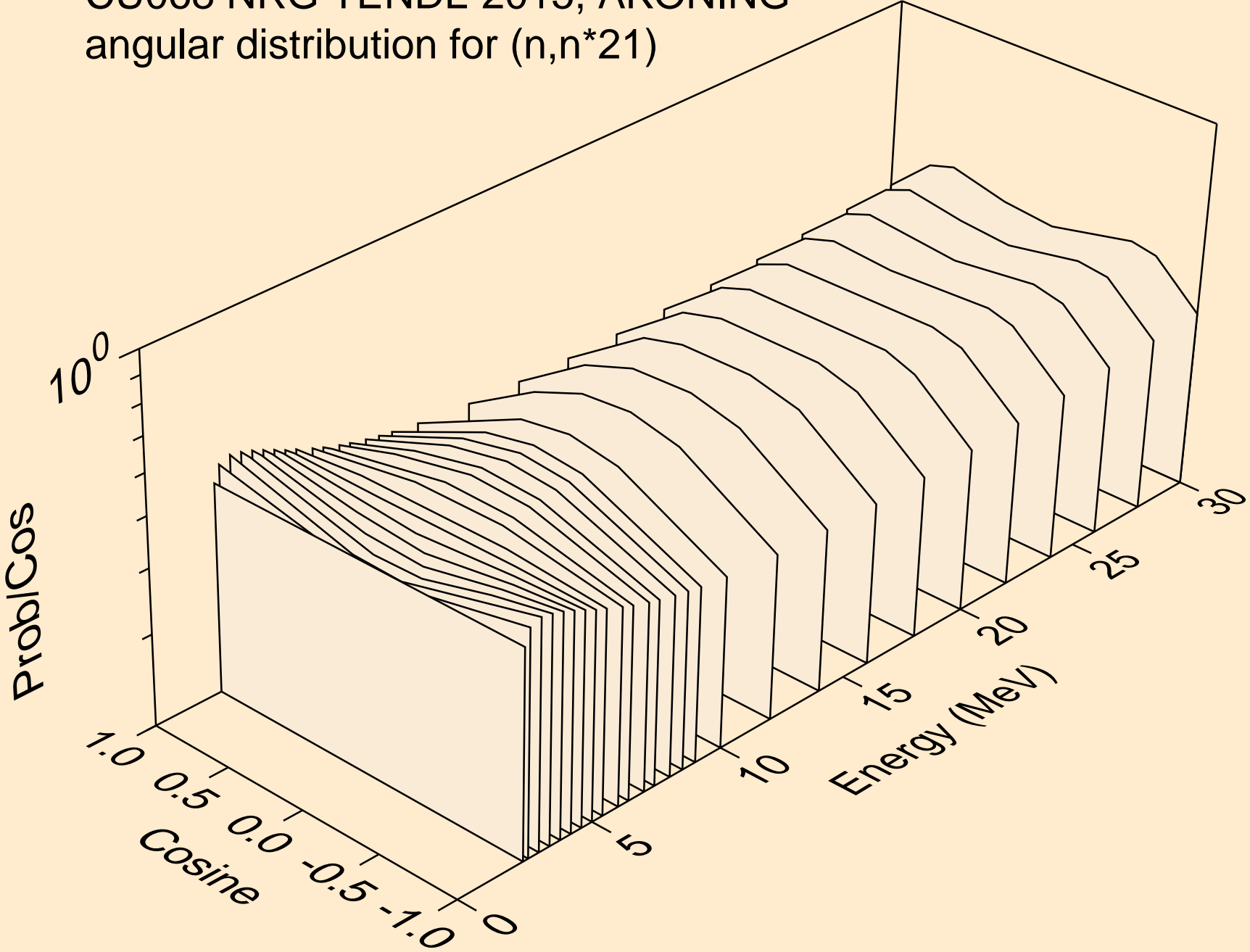
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



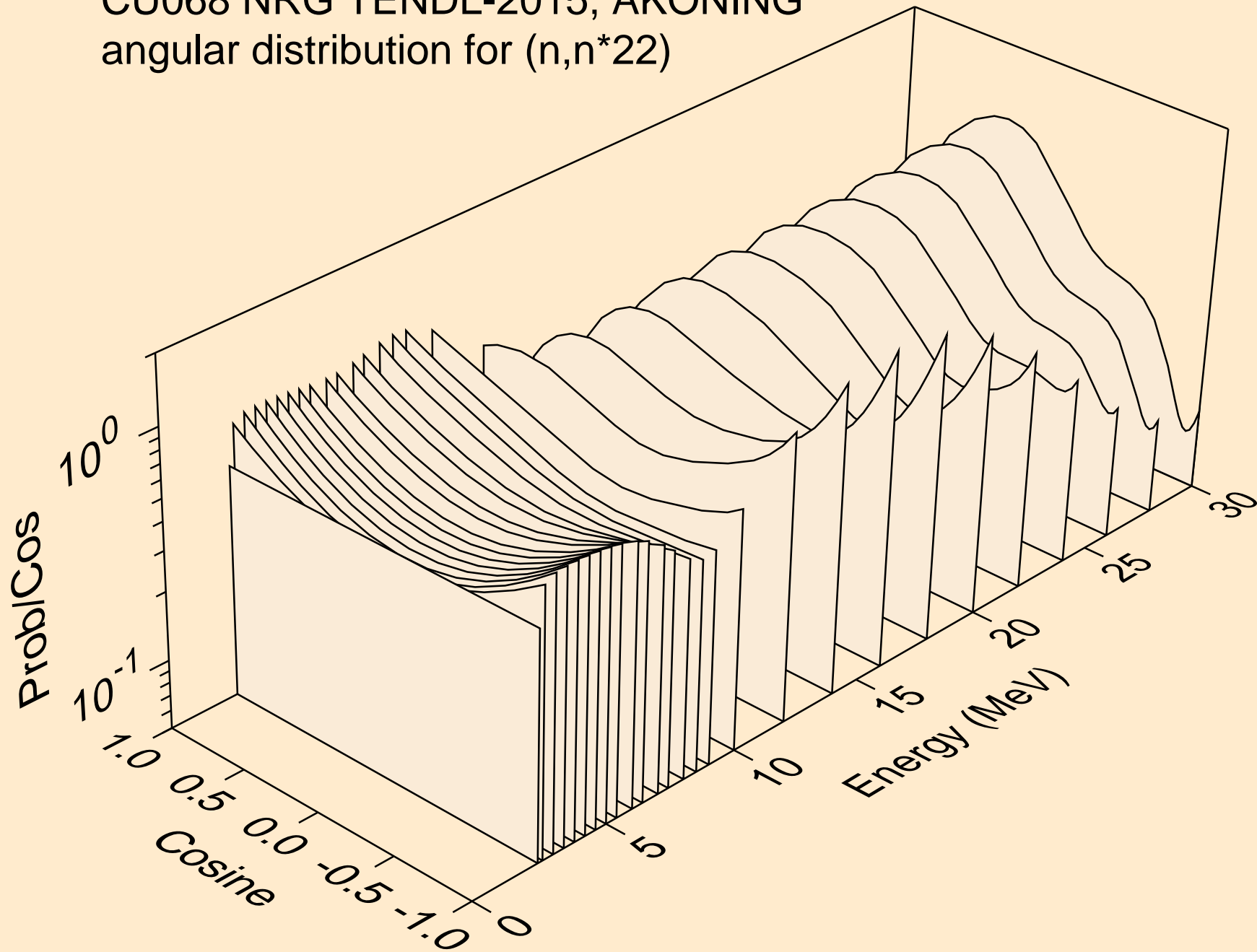
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

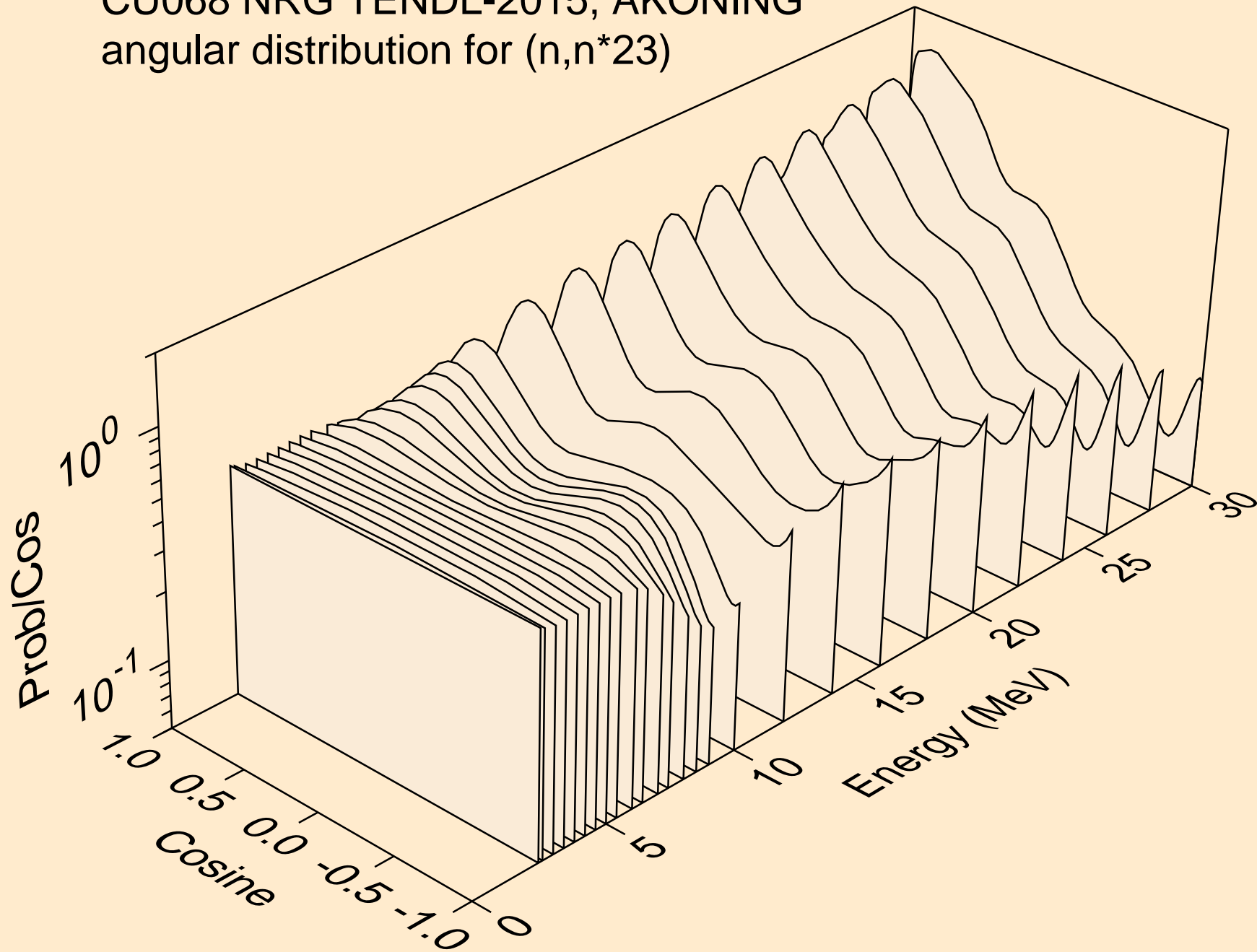


CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

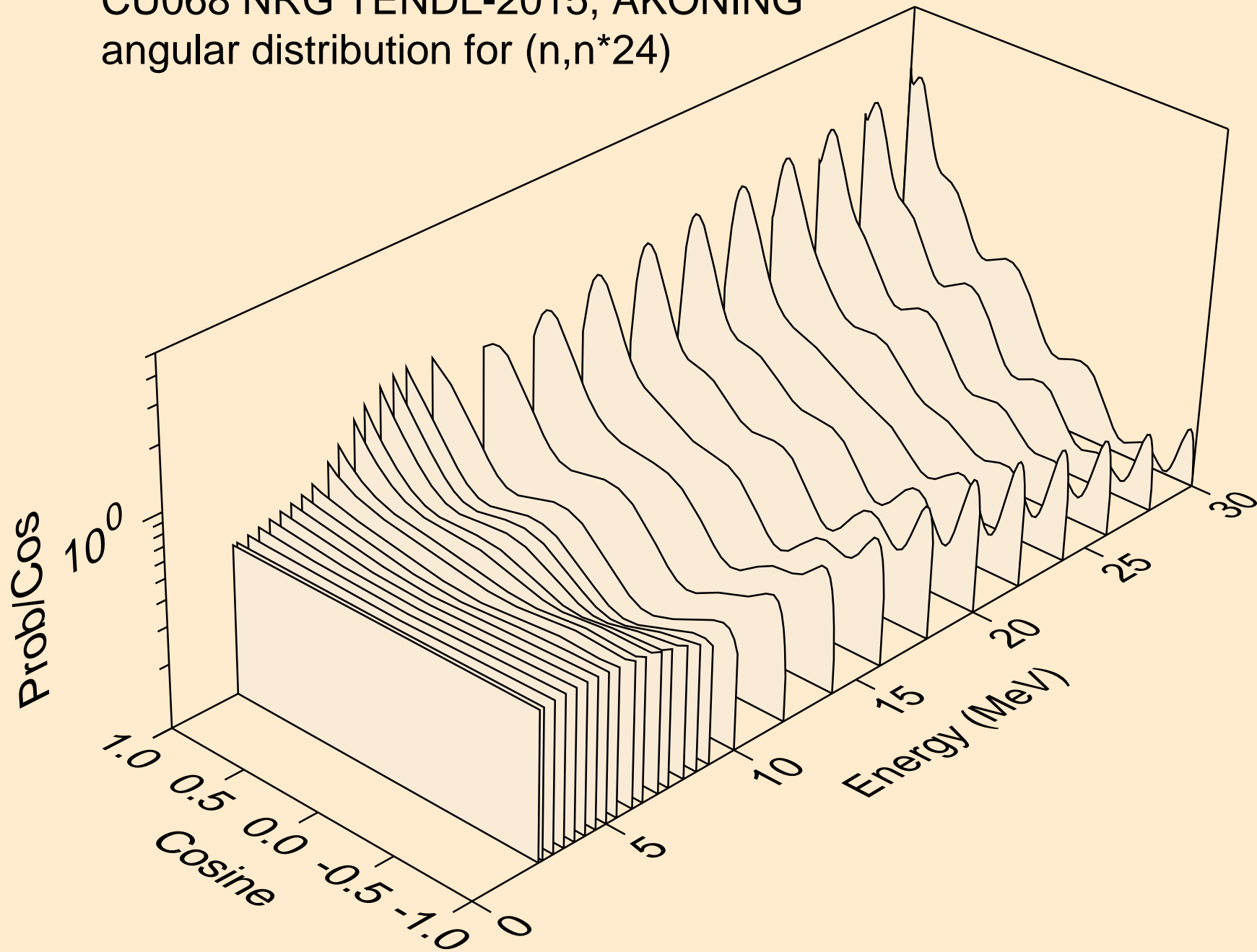




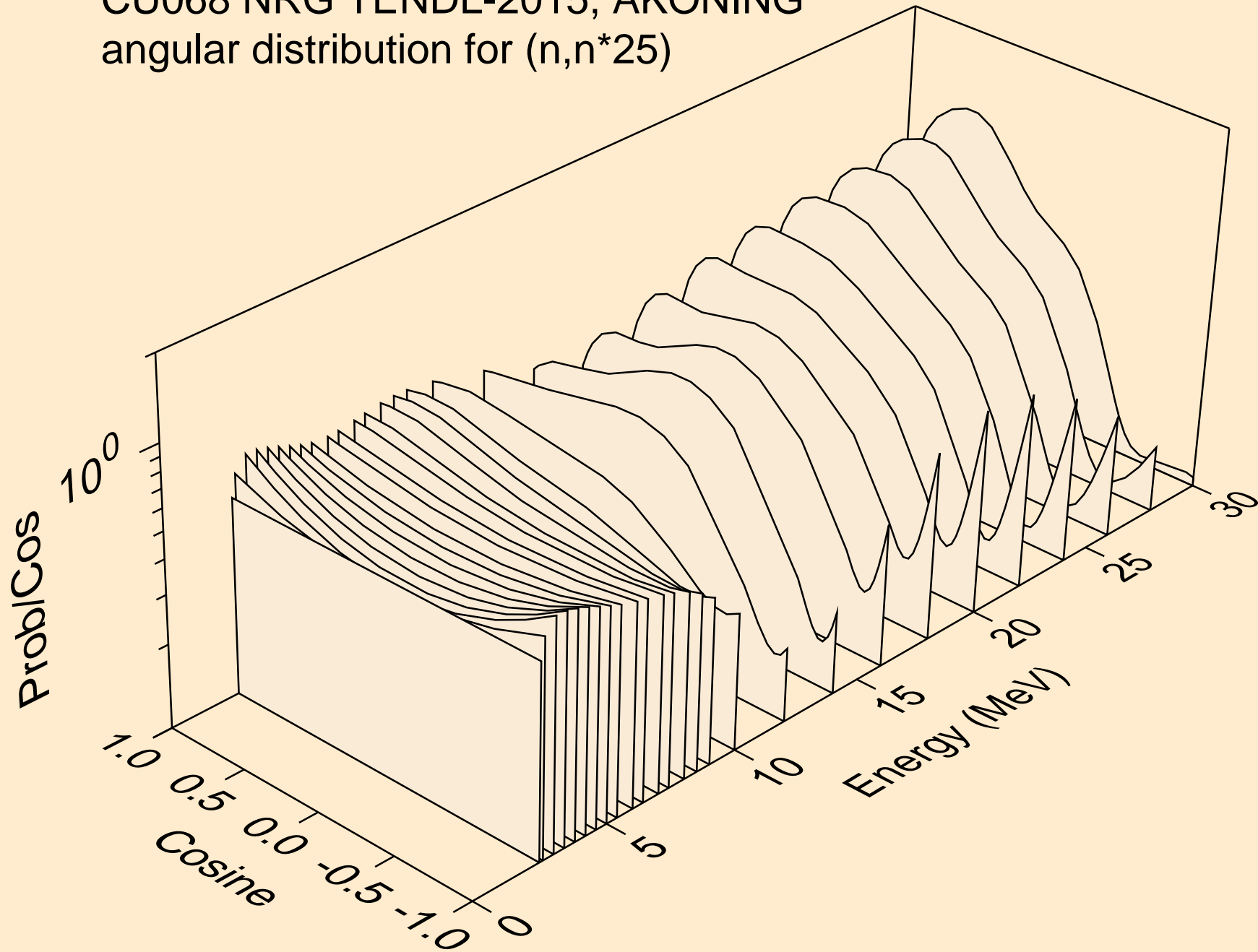
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angular distribution for (n,n\*23)



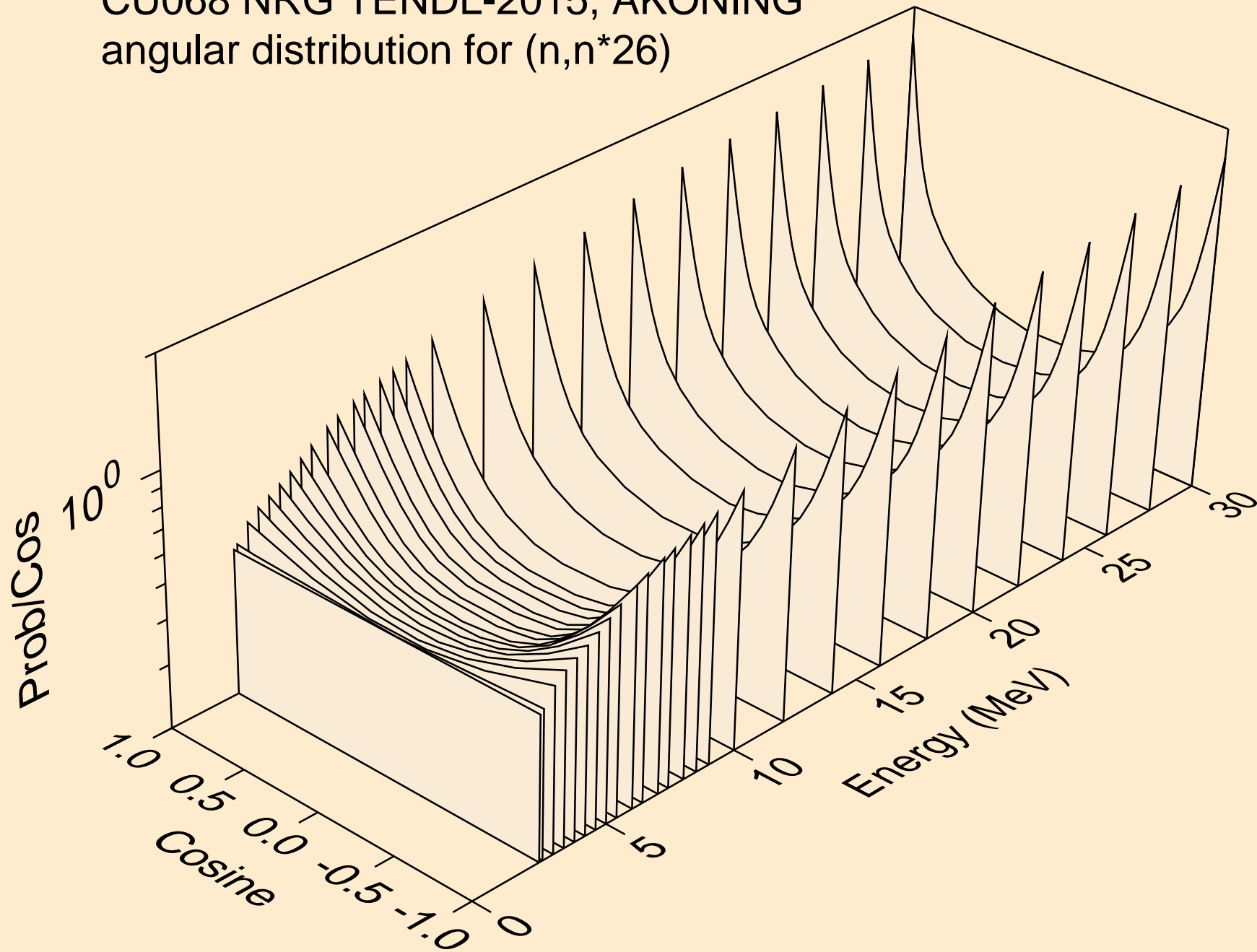
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



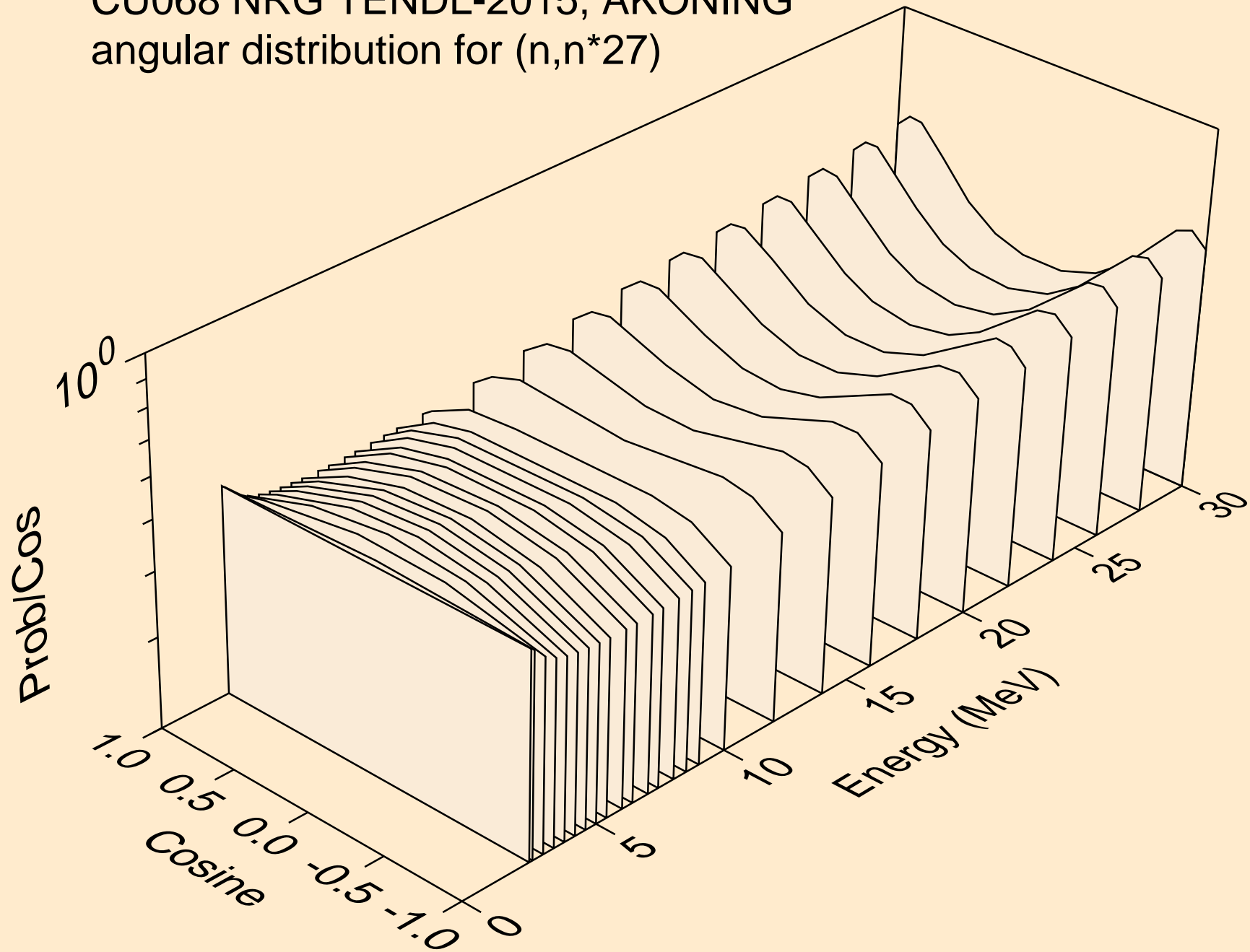
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angular distribution for (n,n\*25)



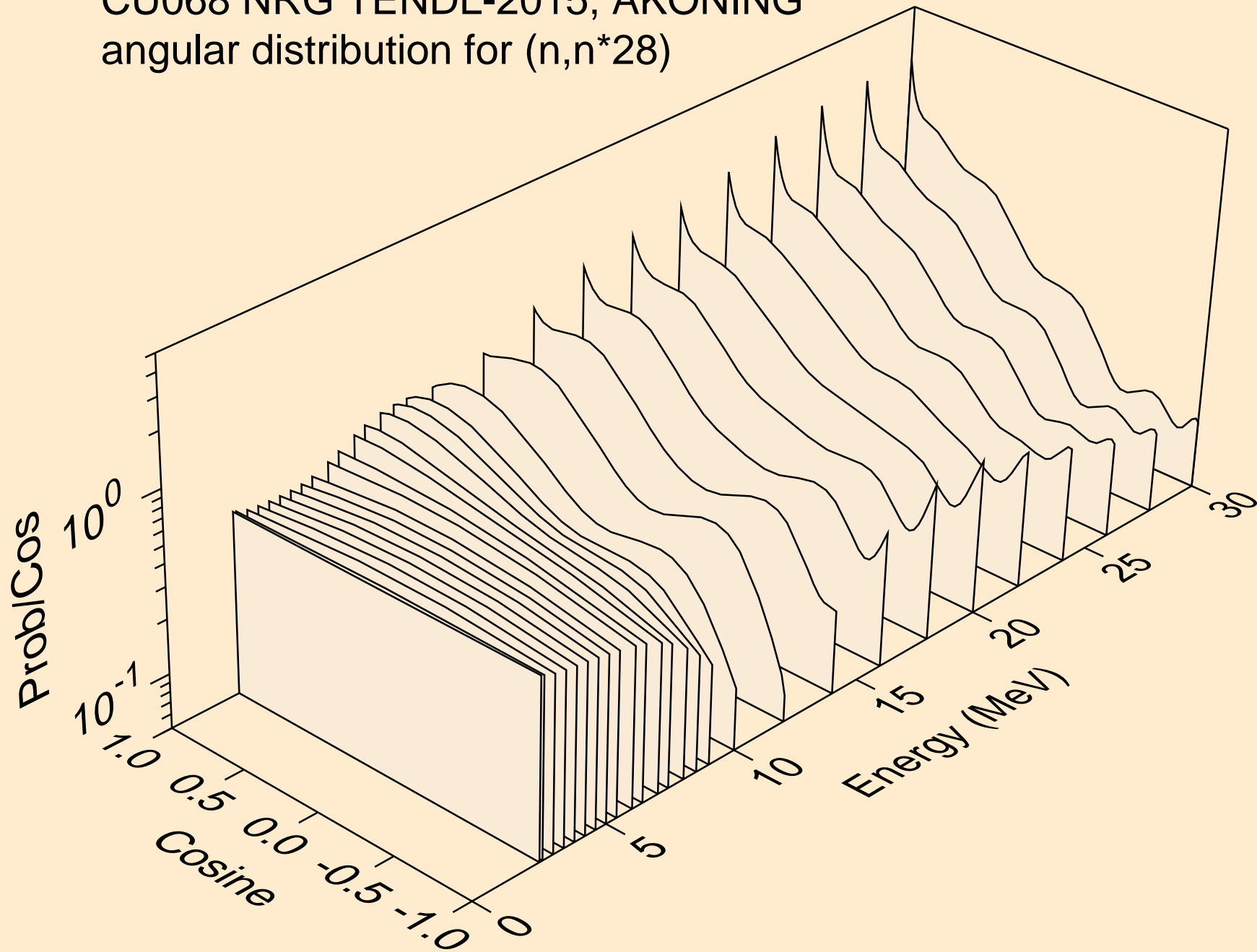
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



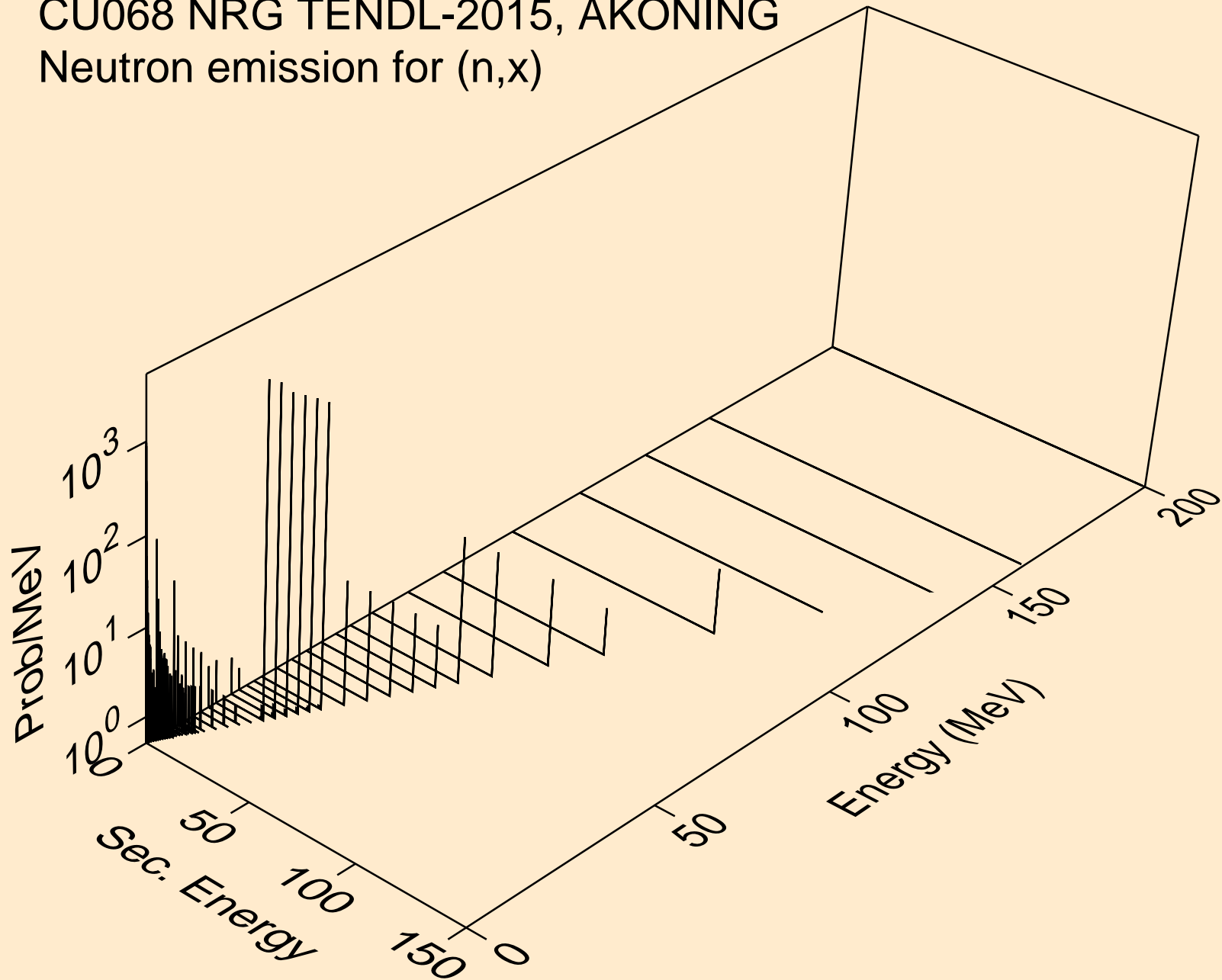
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



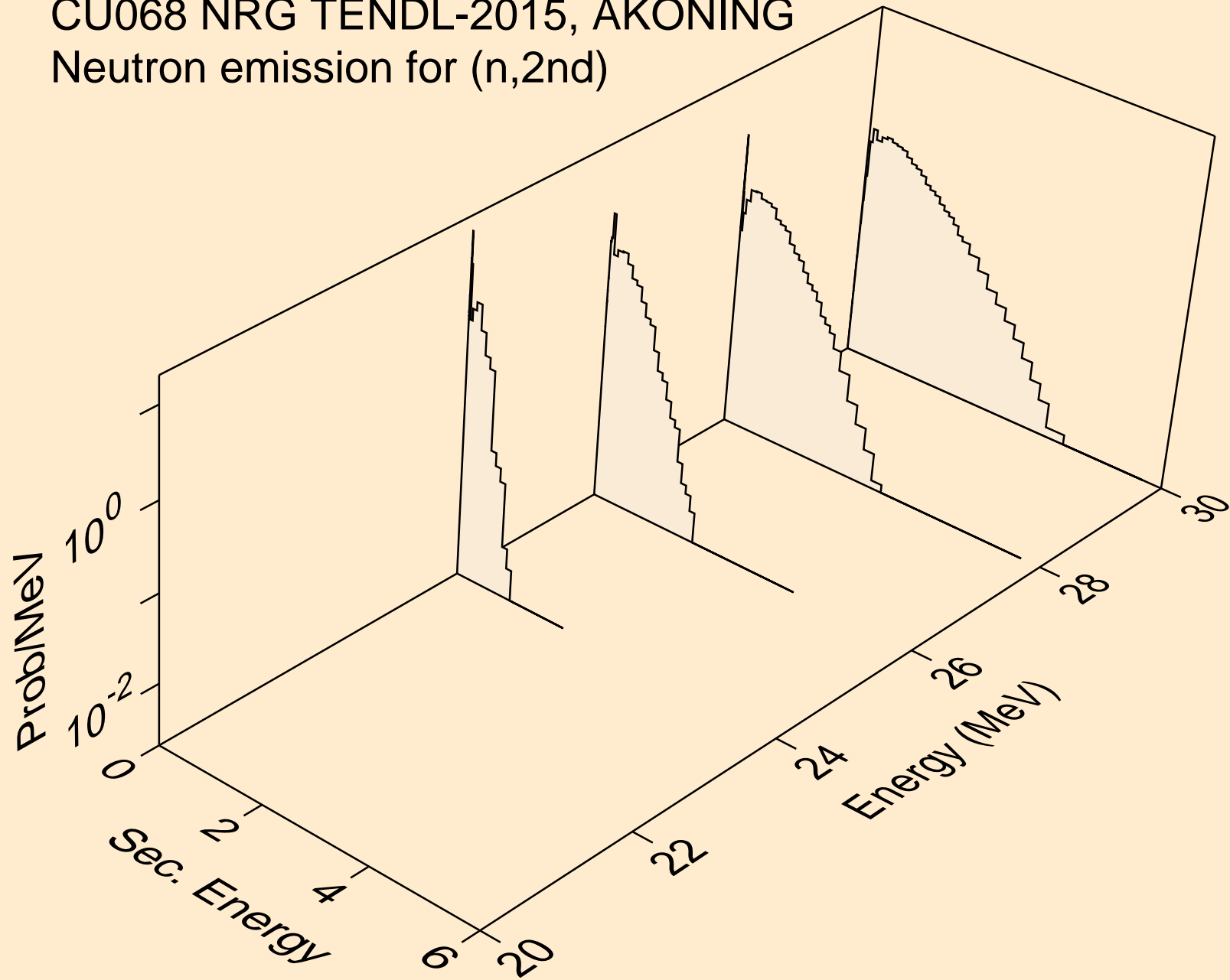
CU068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

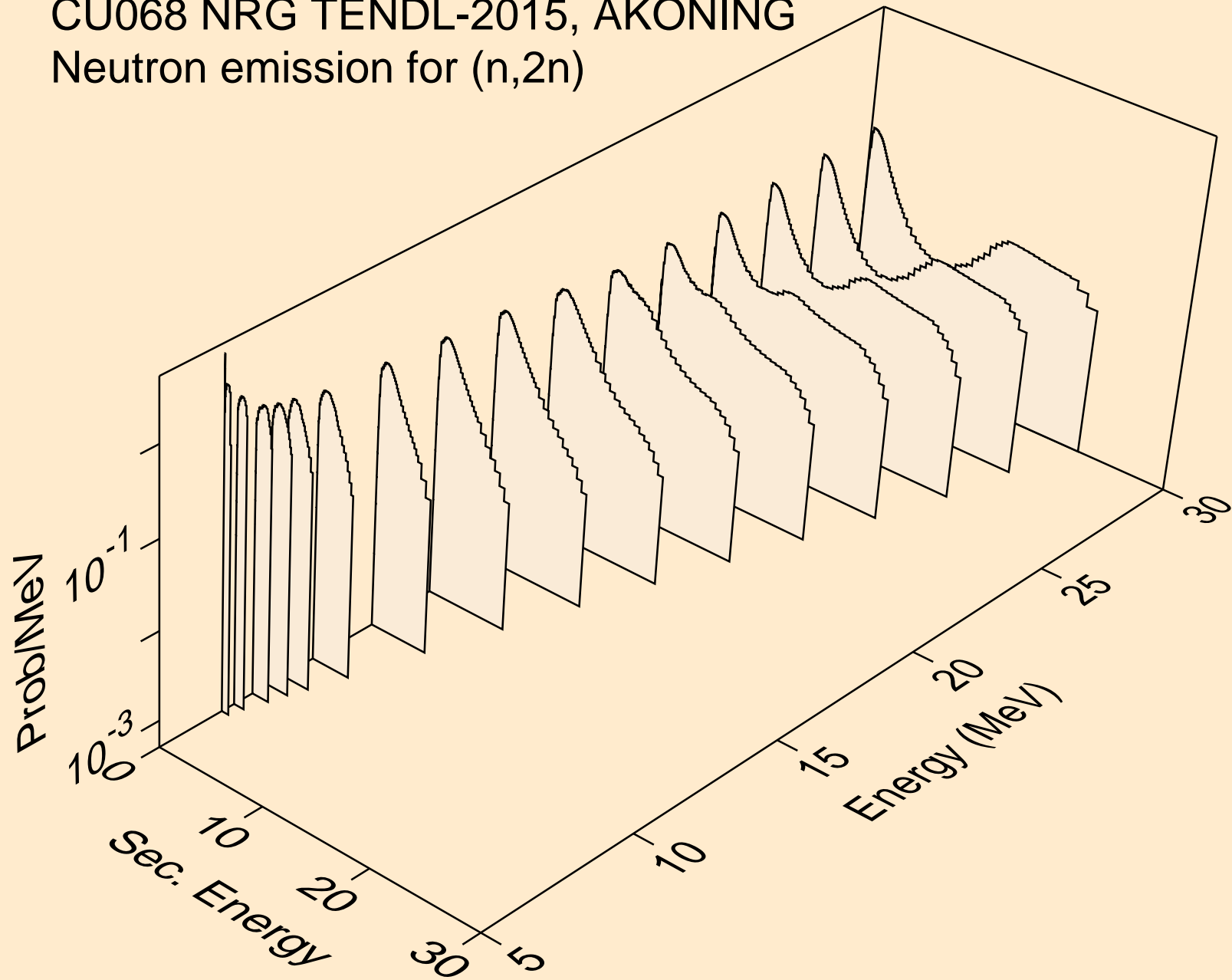


CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

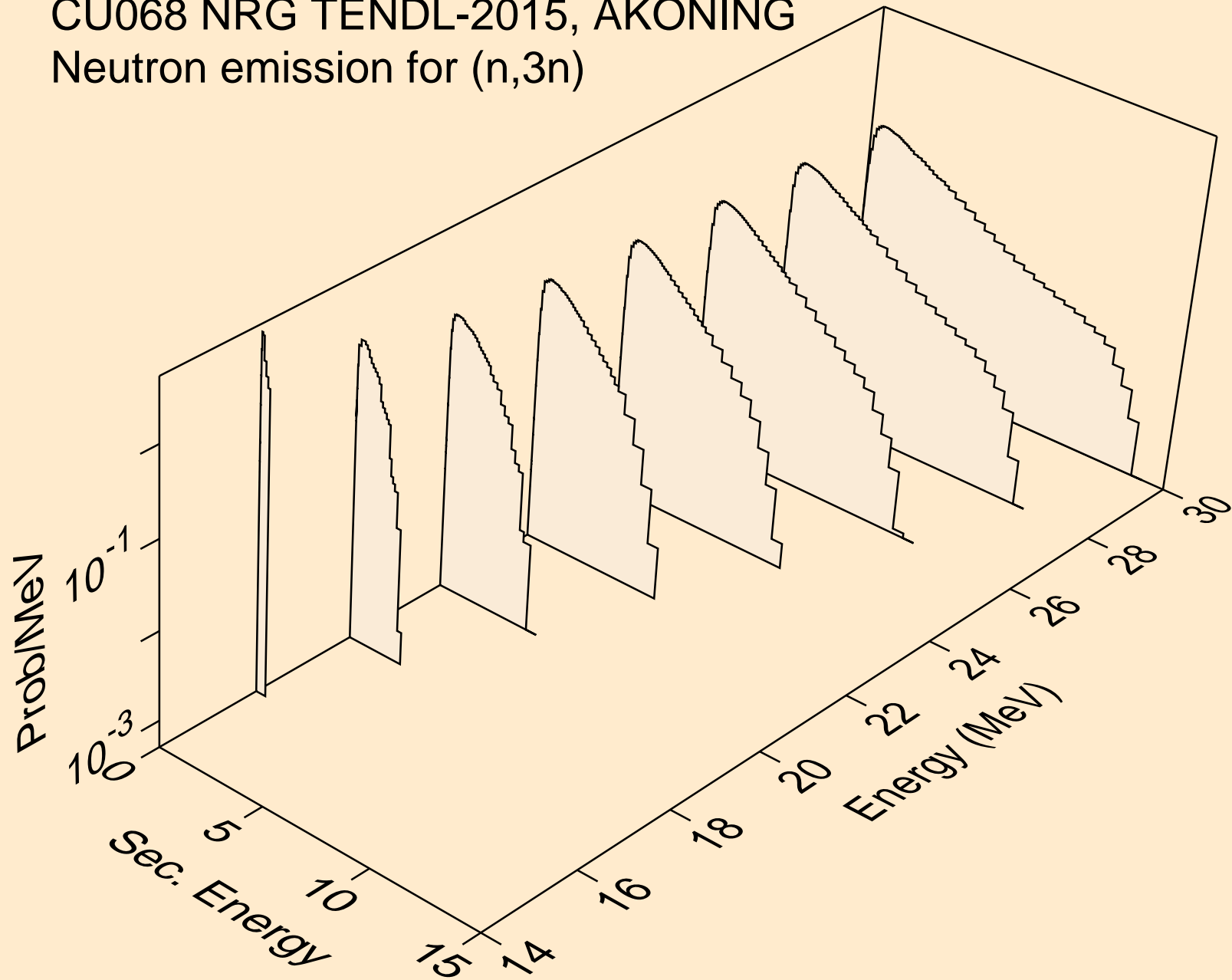




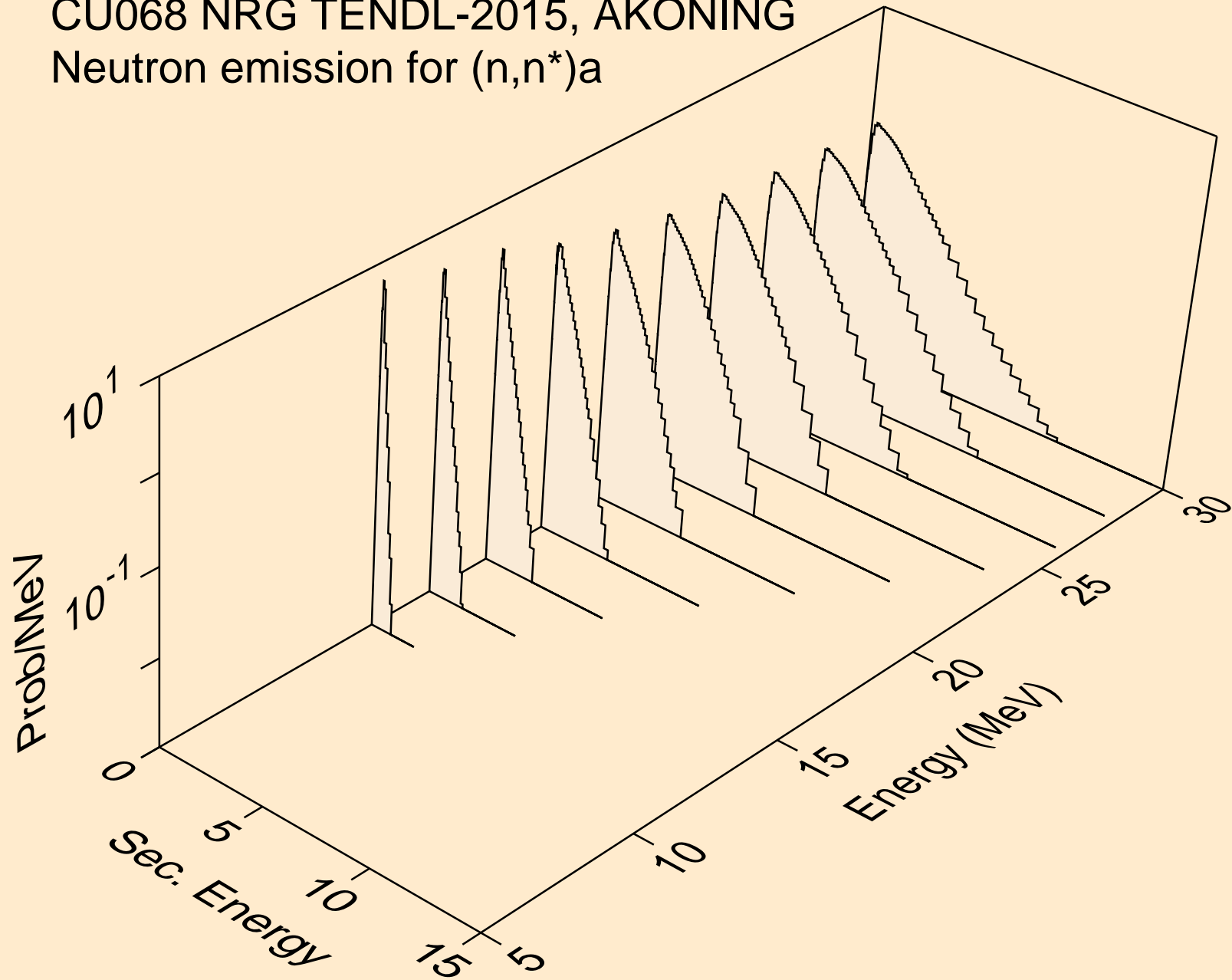
CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



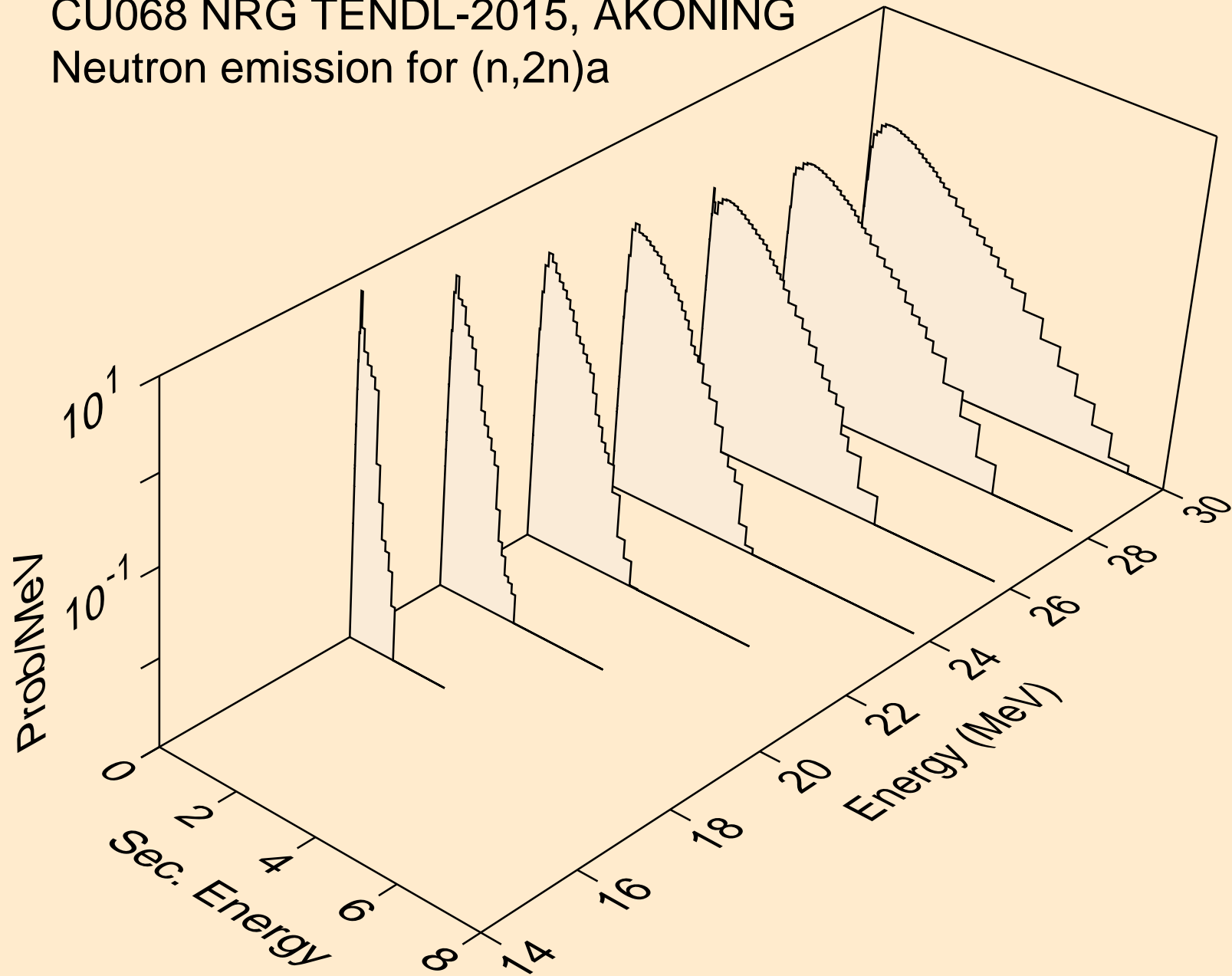
CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



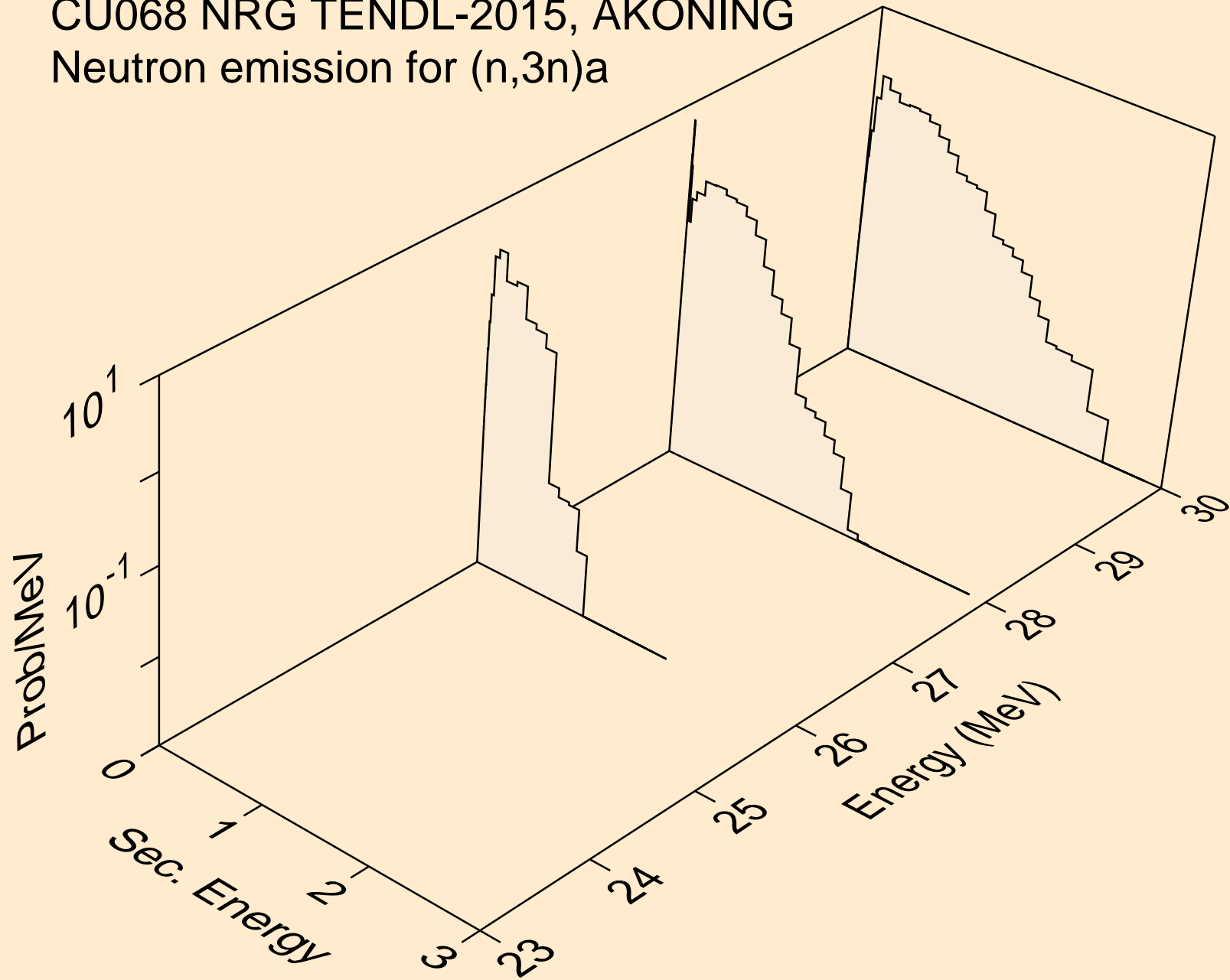
CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



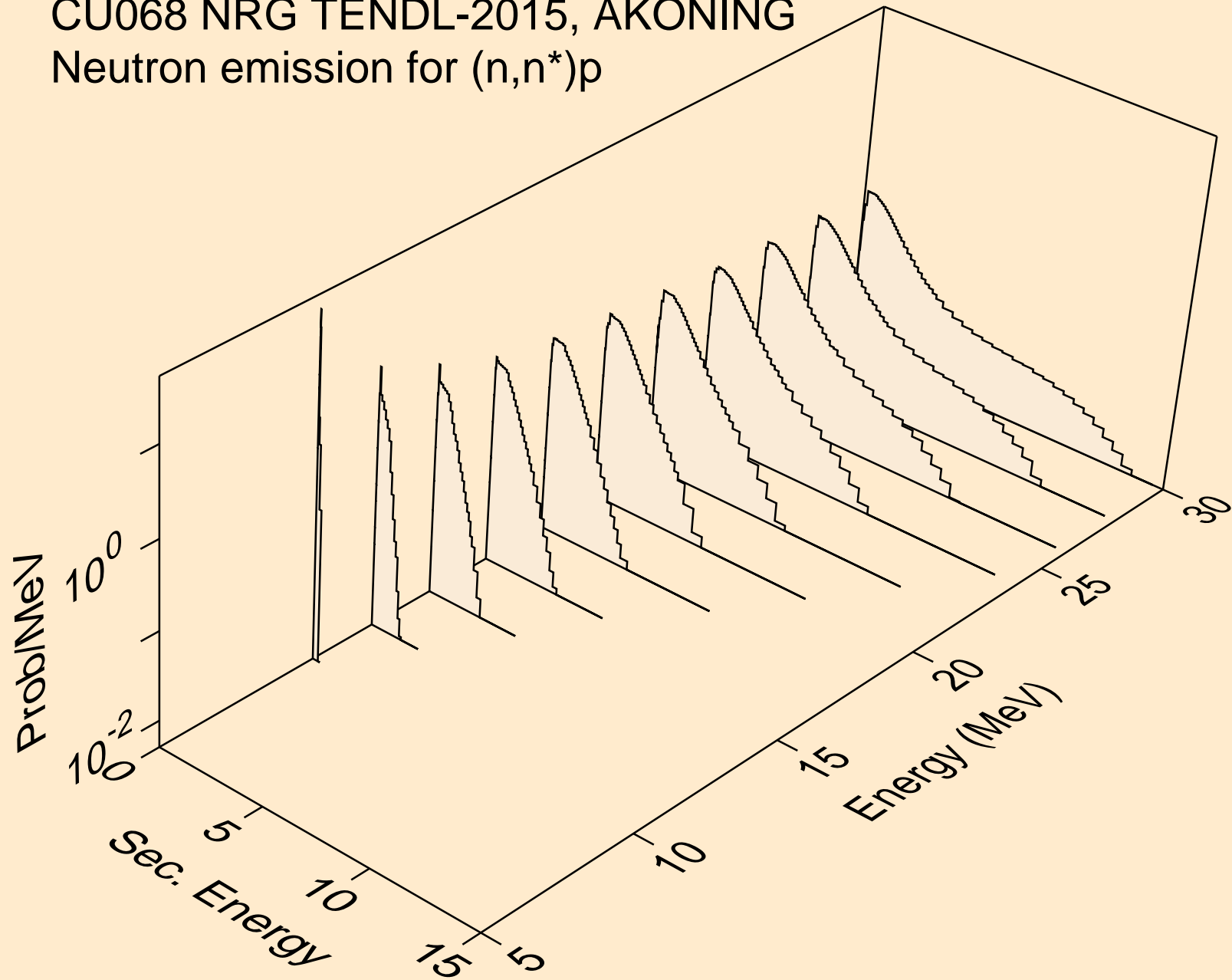
CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



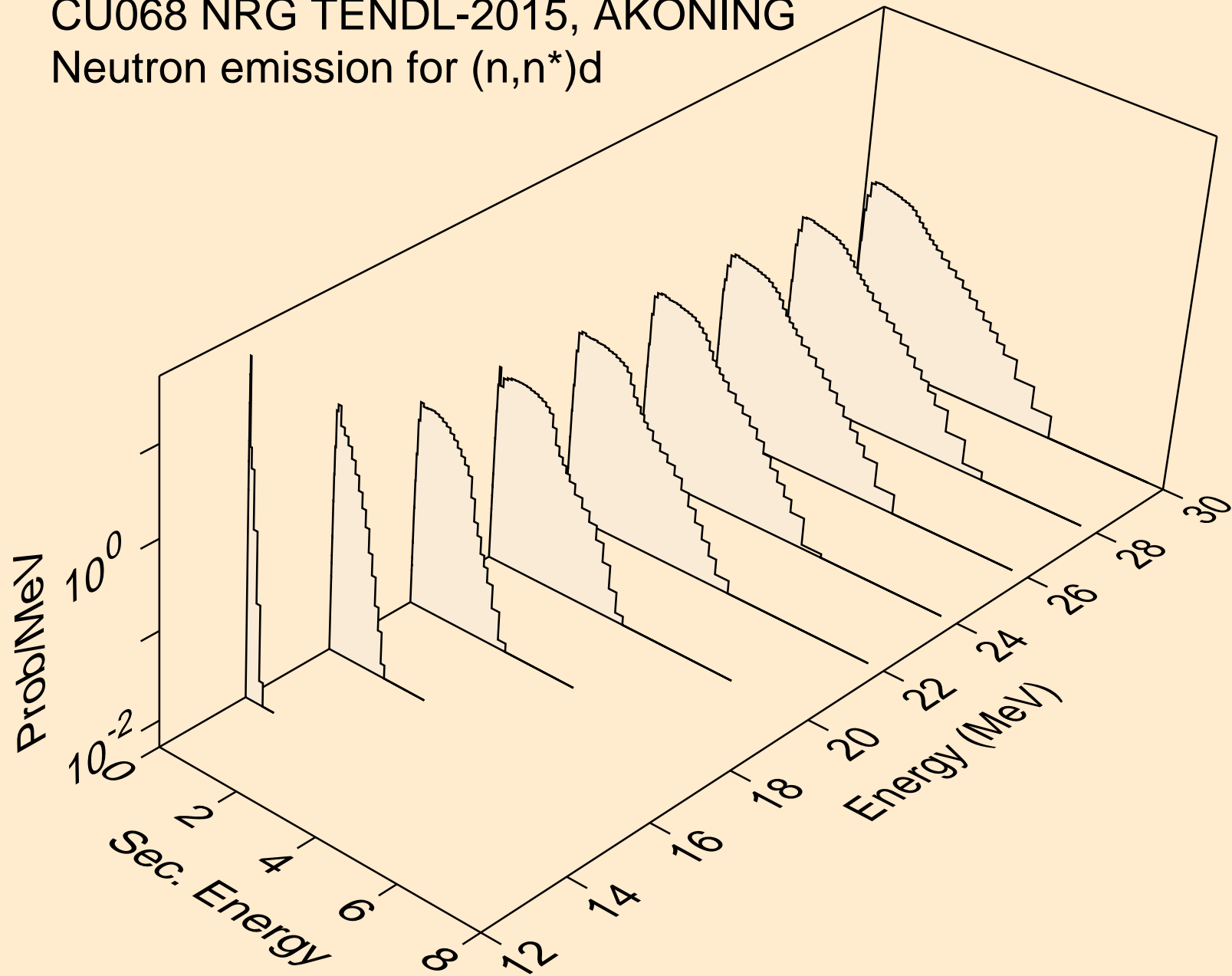
CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



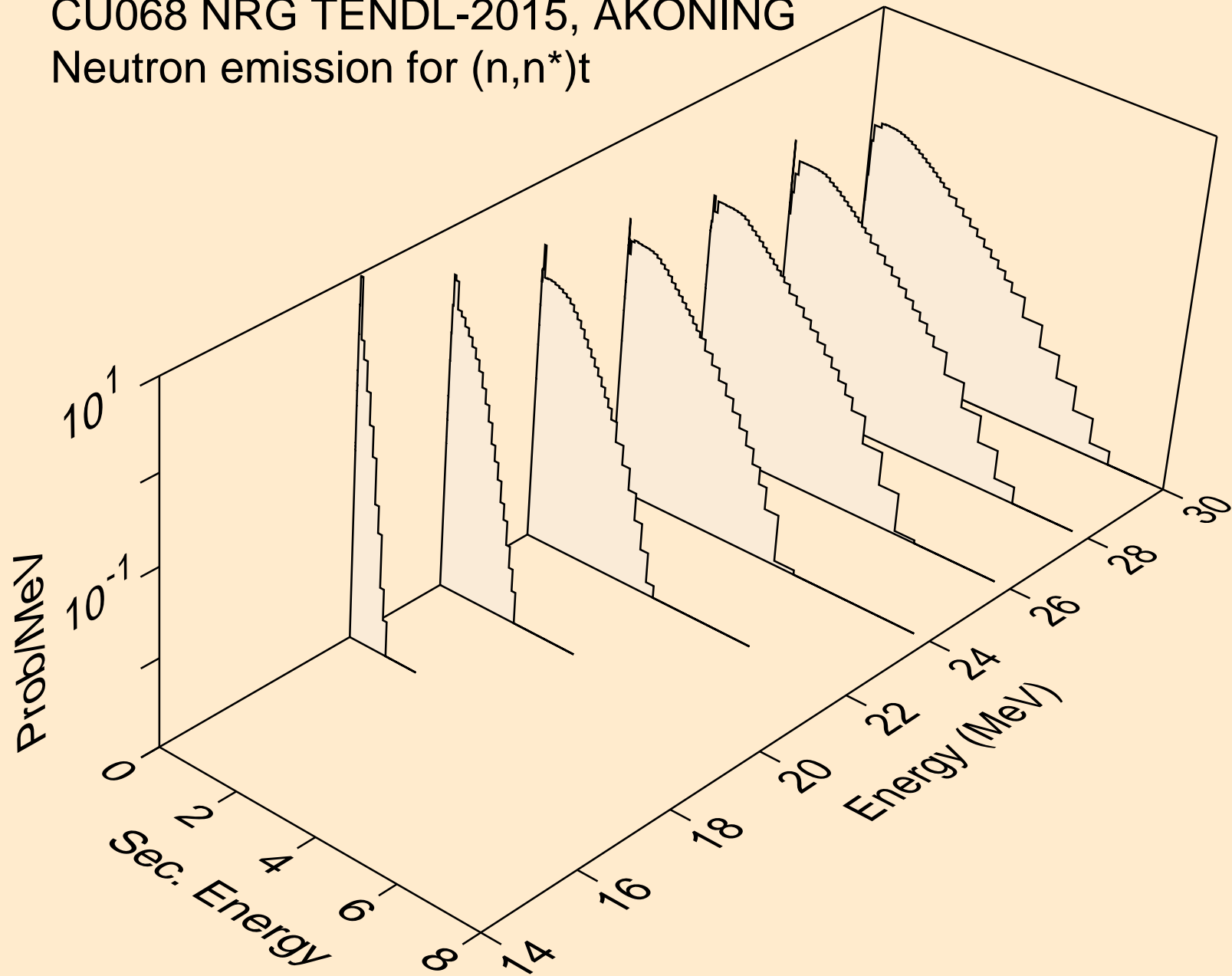
CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

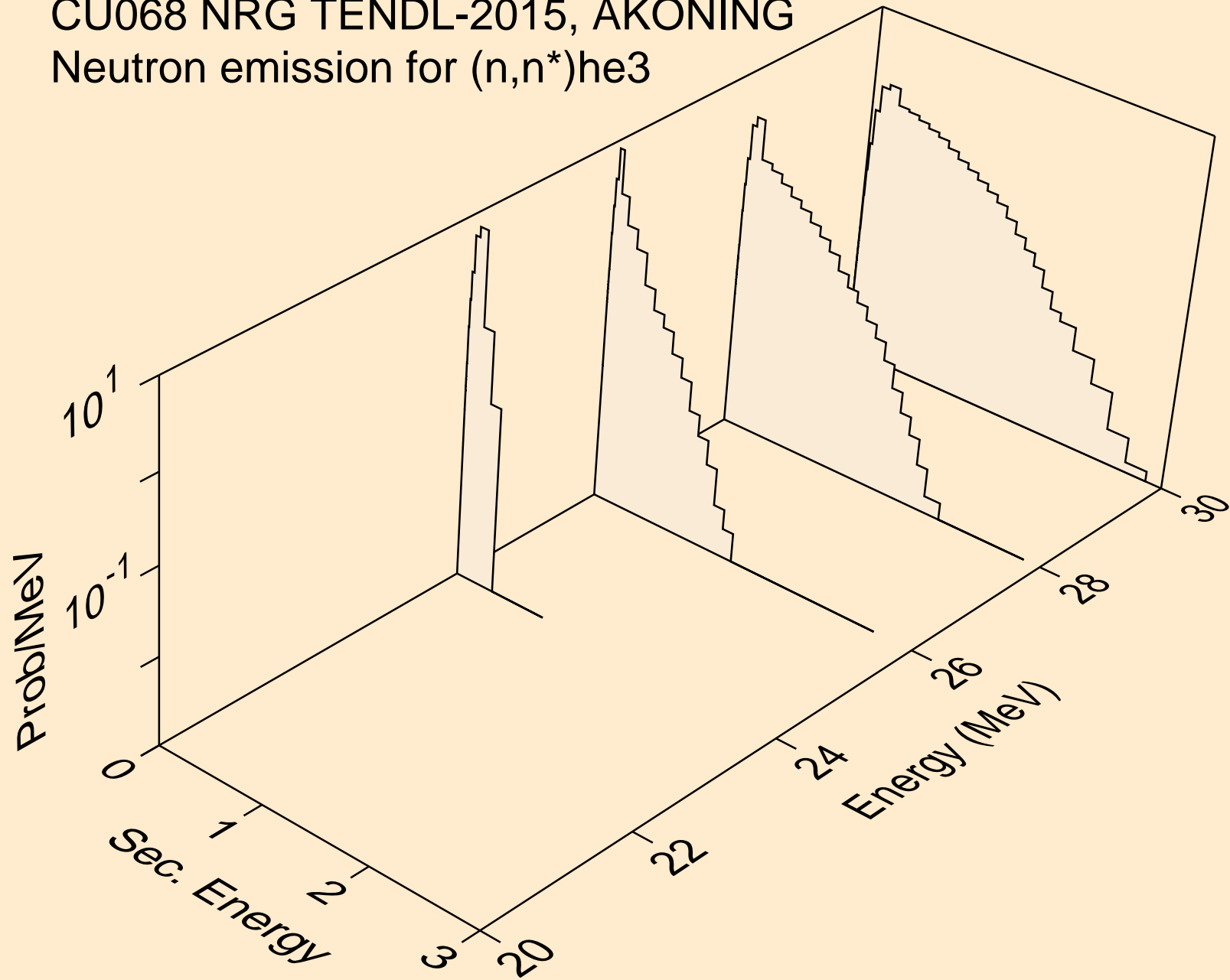


CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

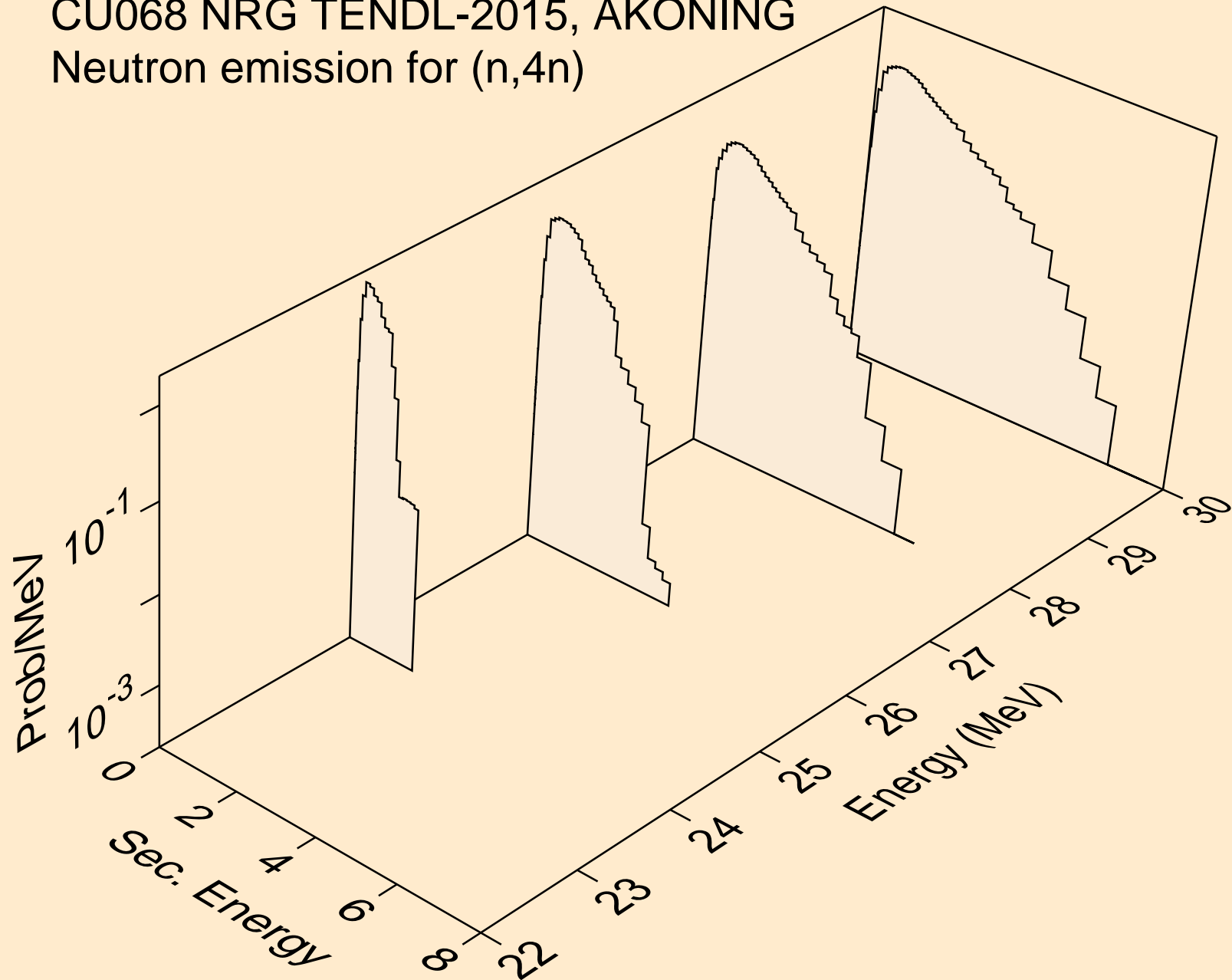




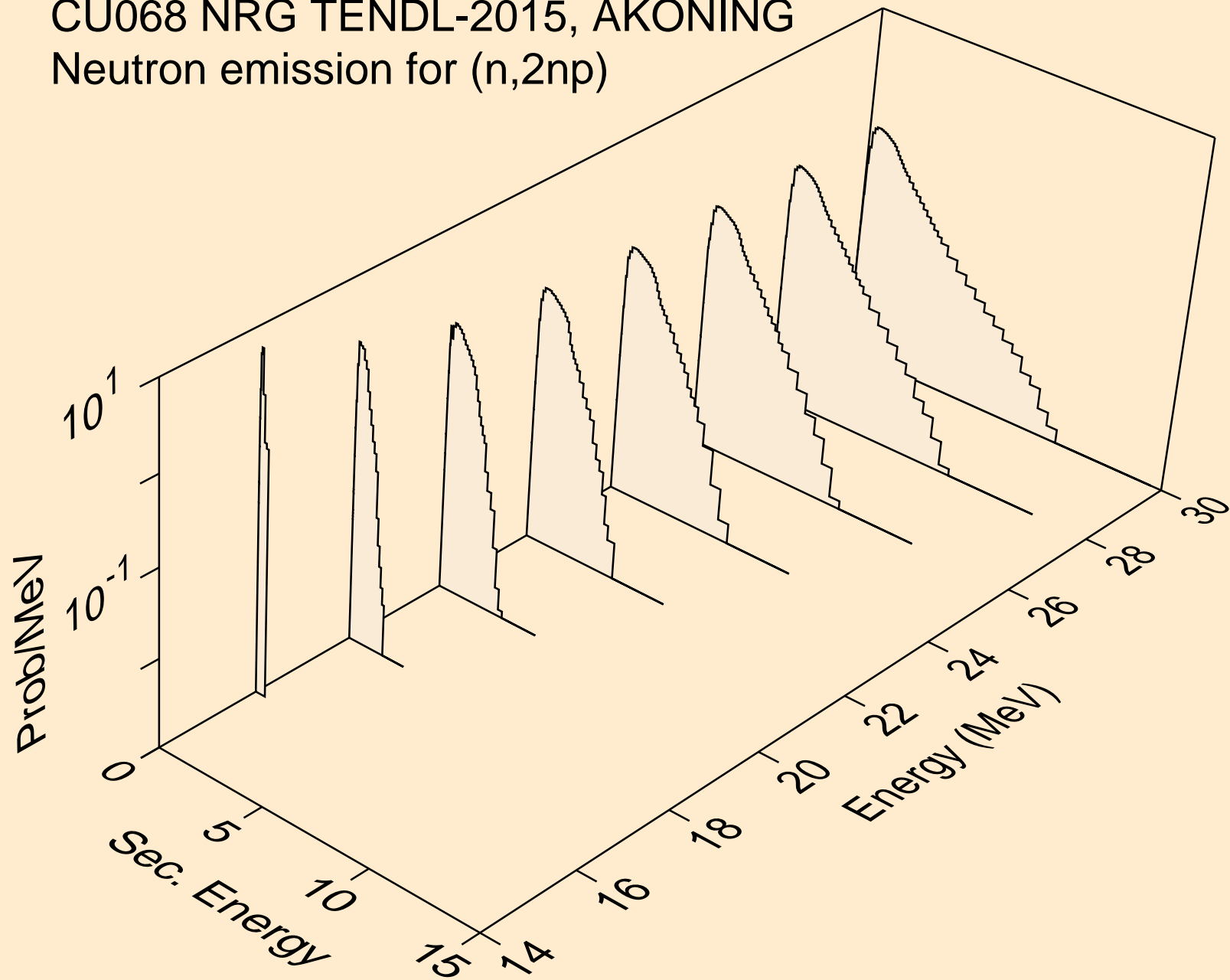
CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



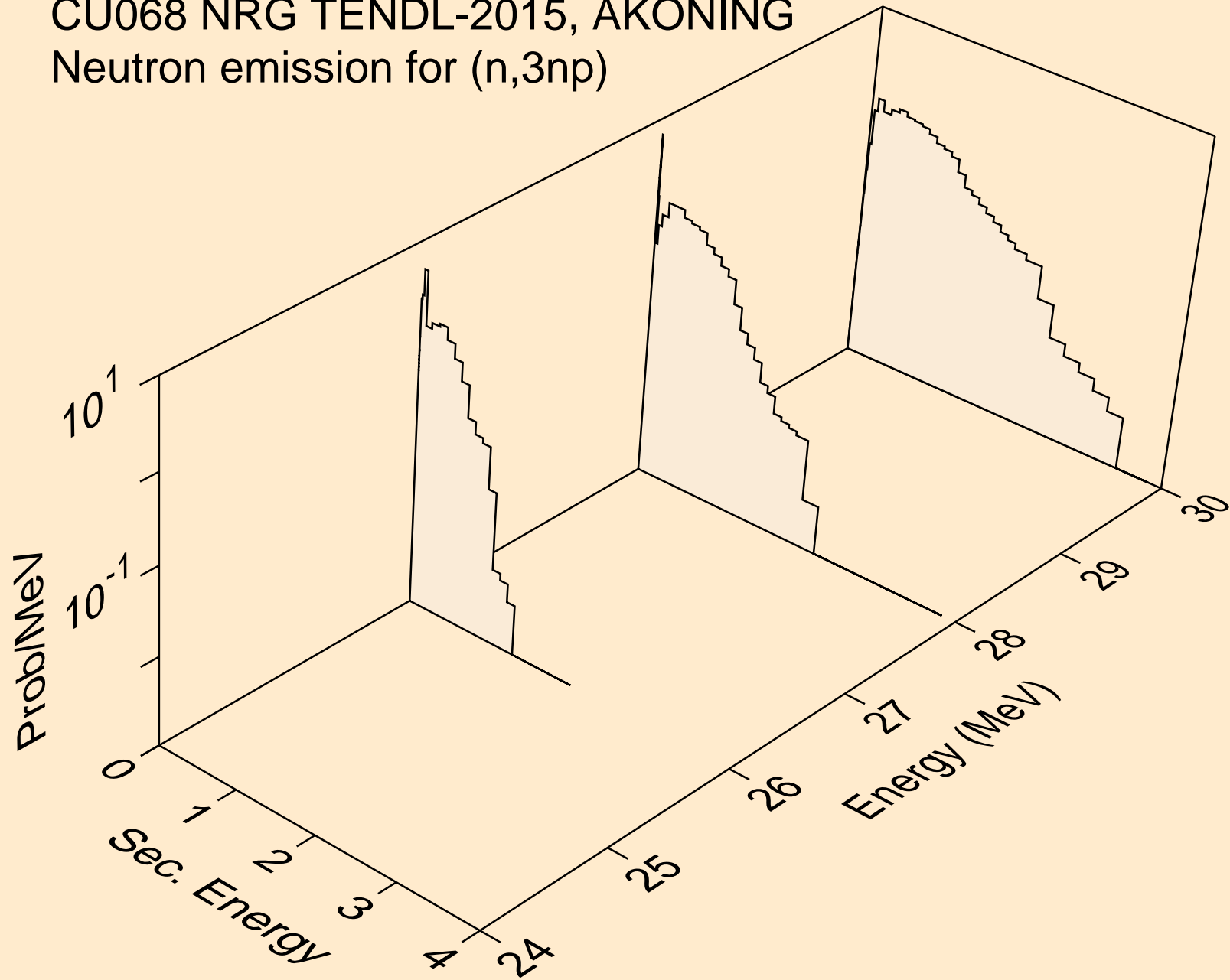
CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



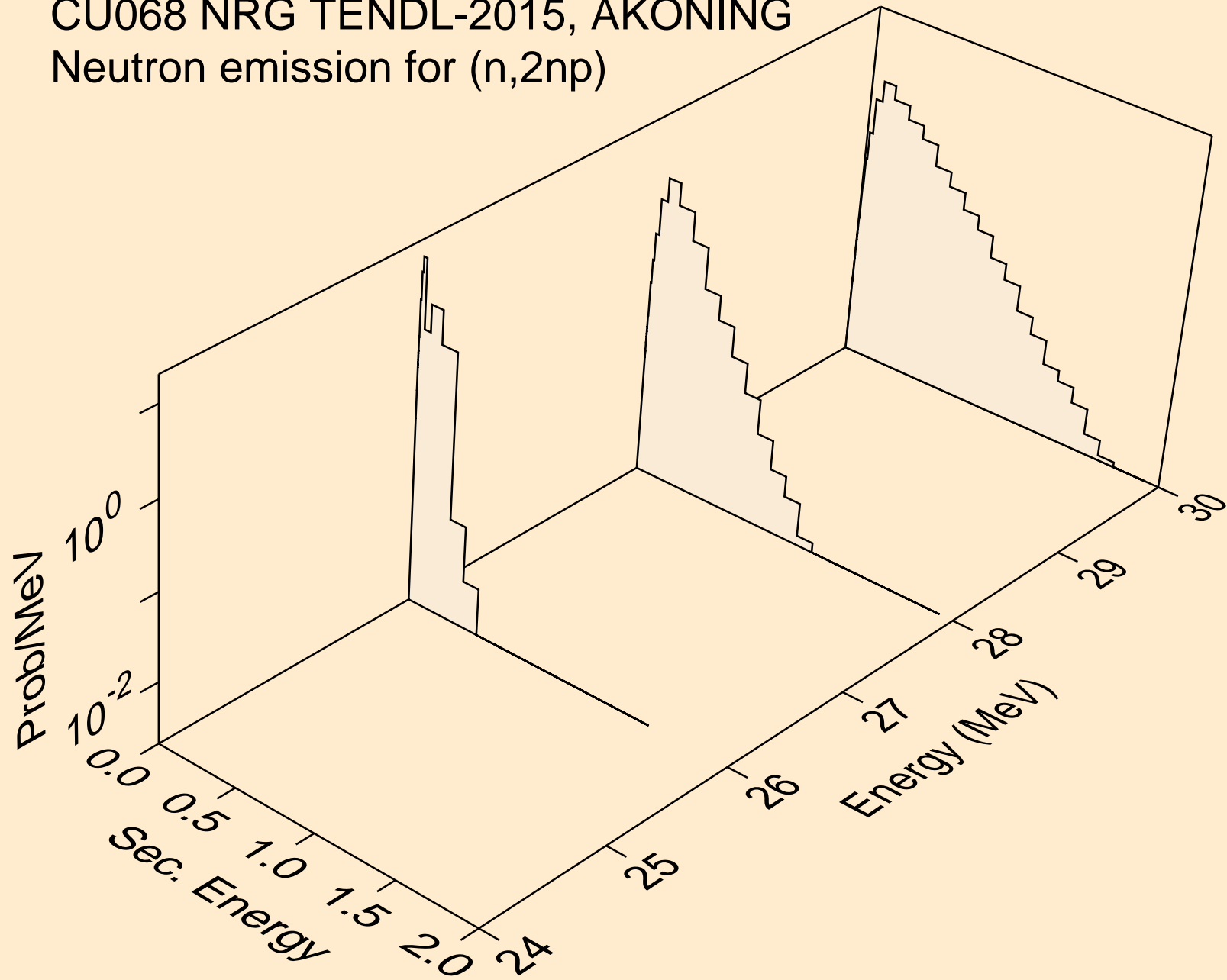
CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



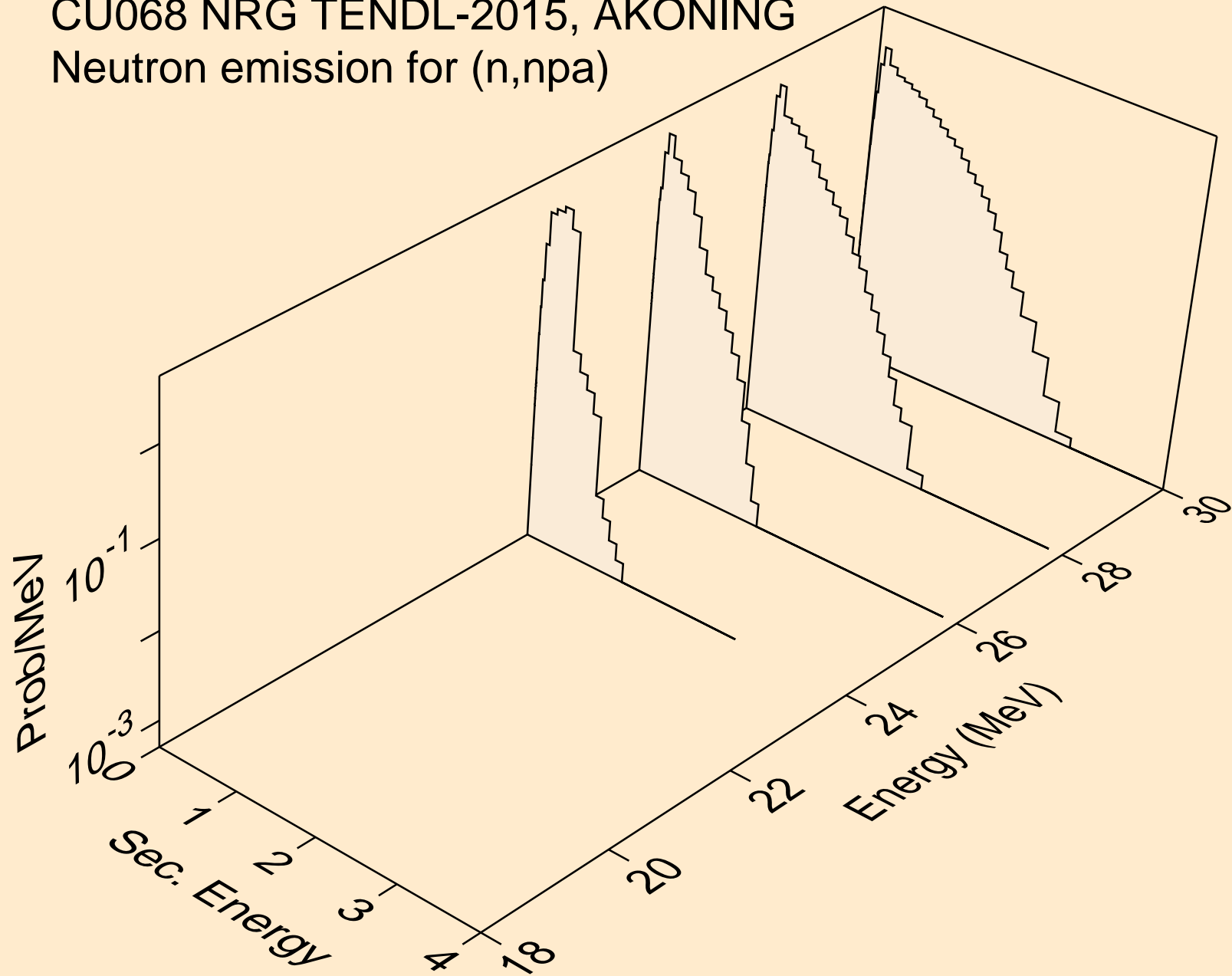
CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



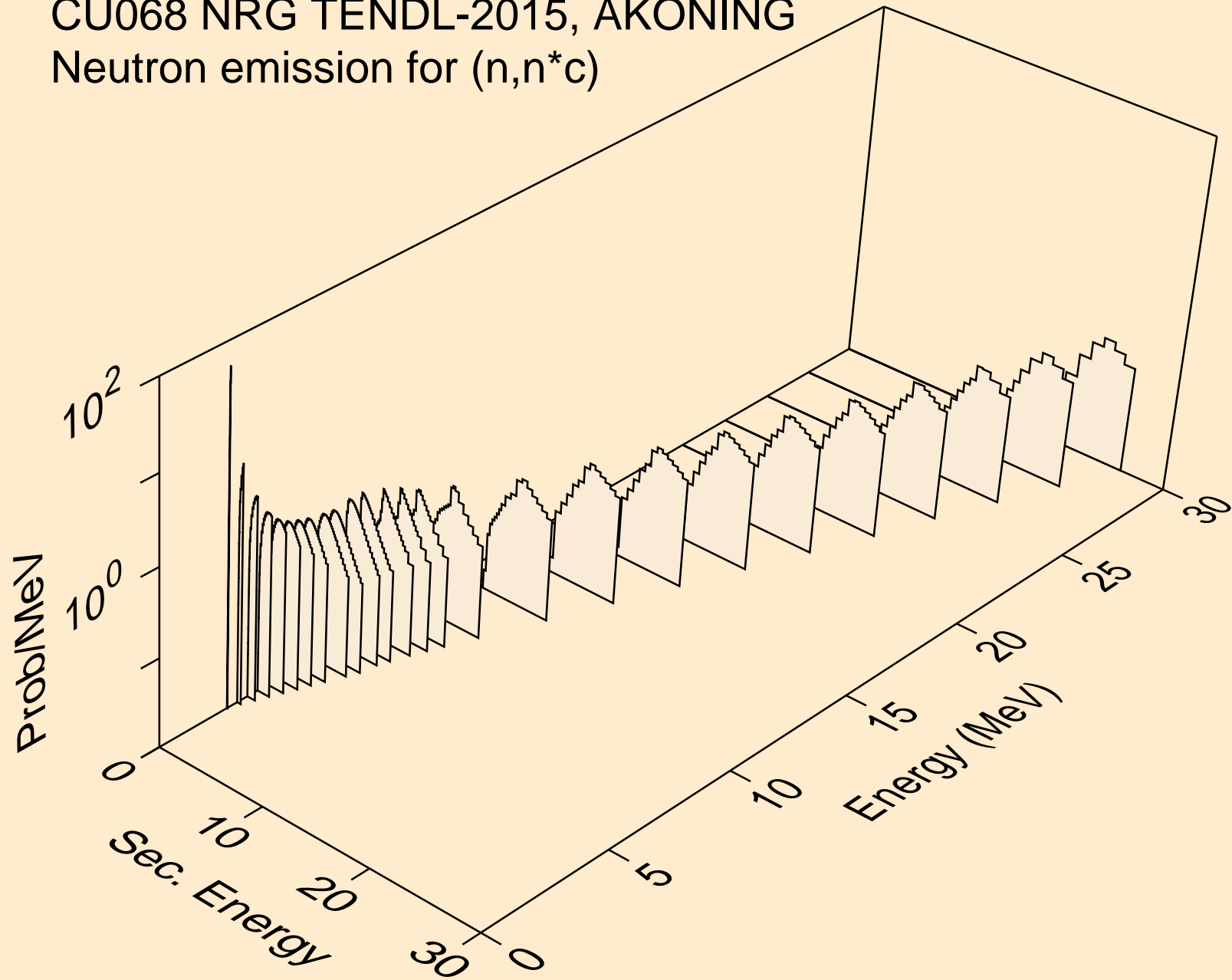
CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



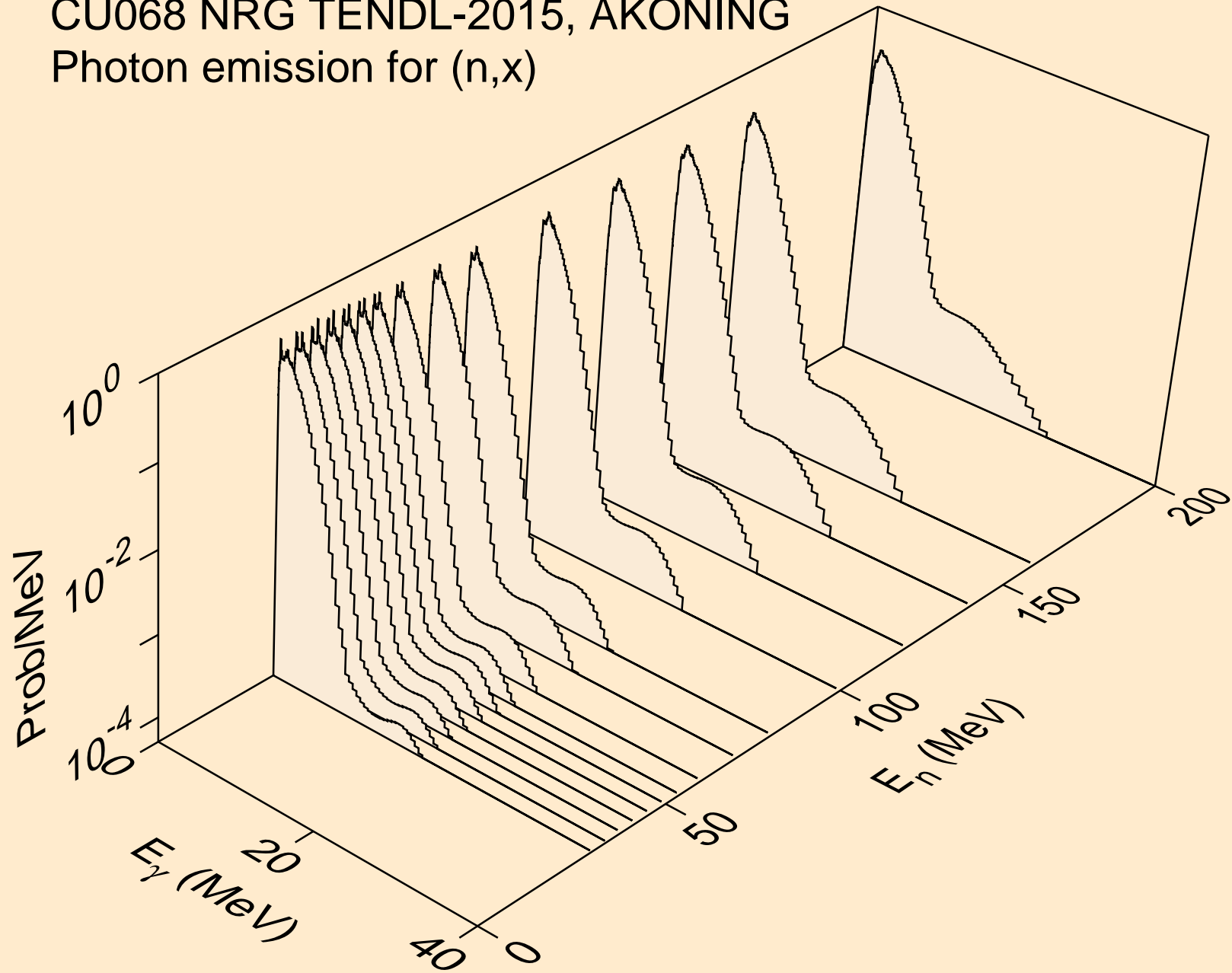
CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



CU068 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

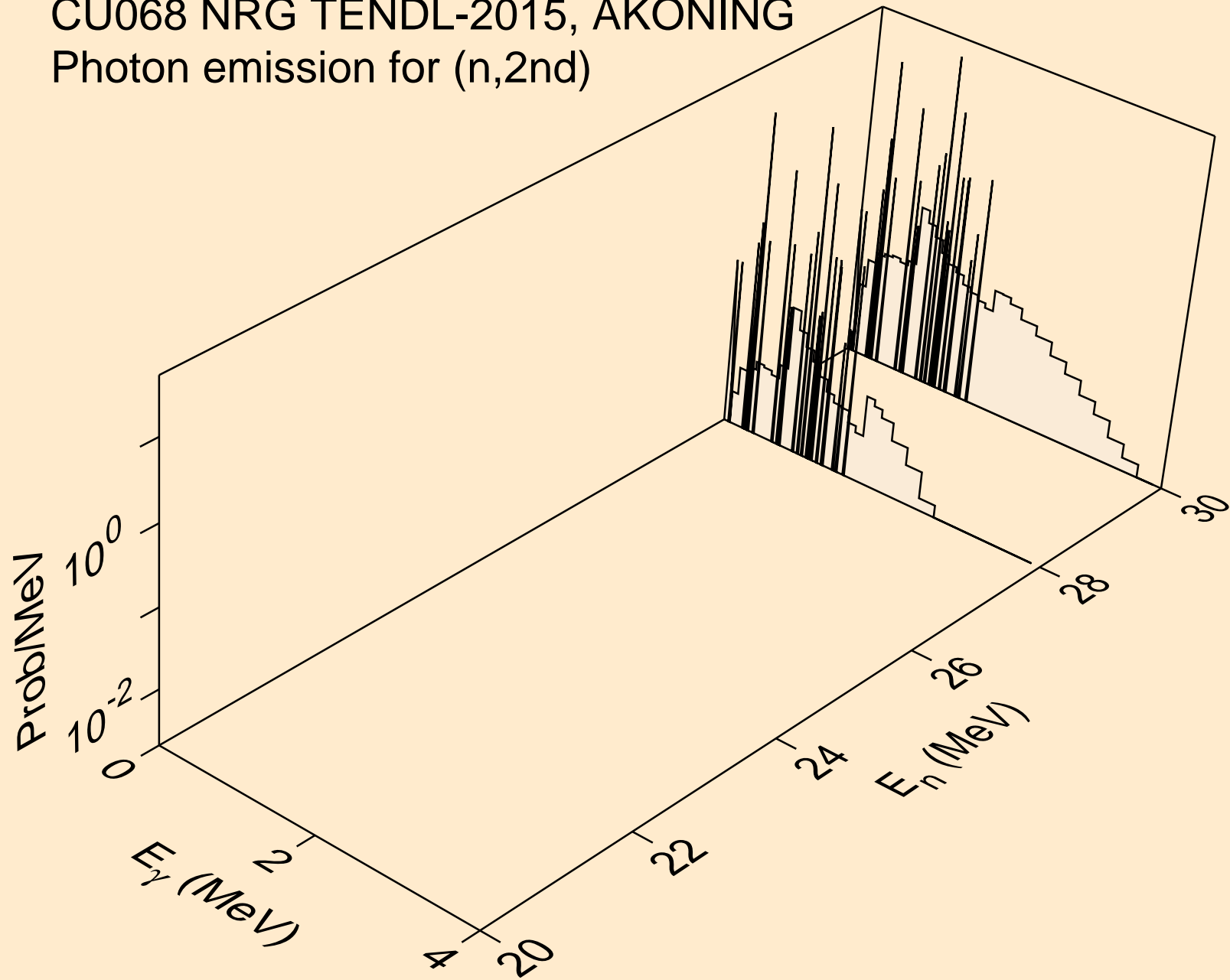


CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

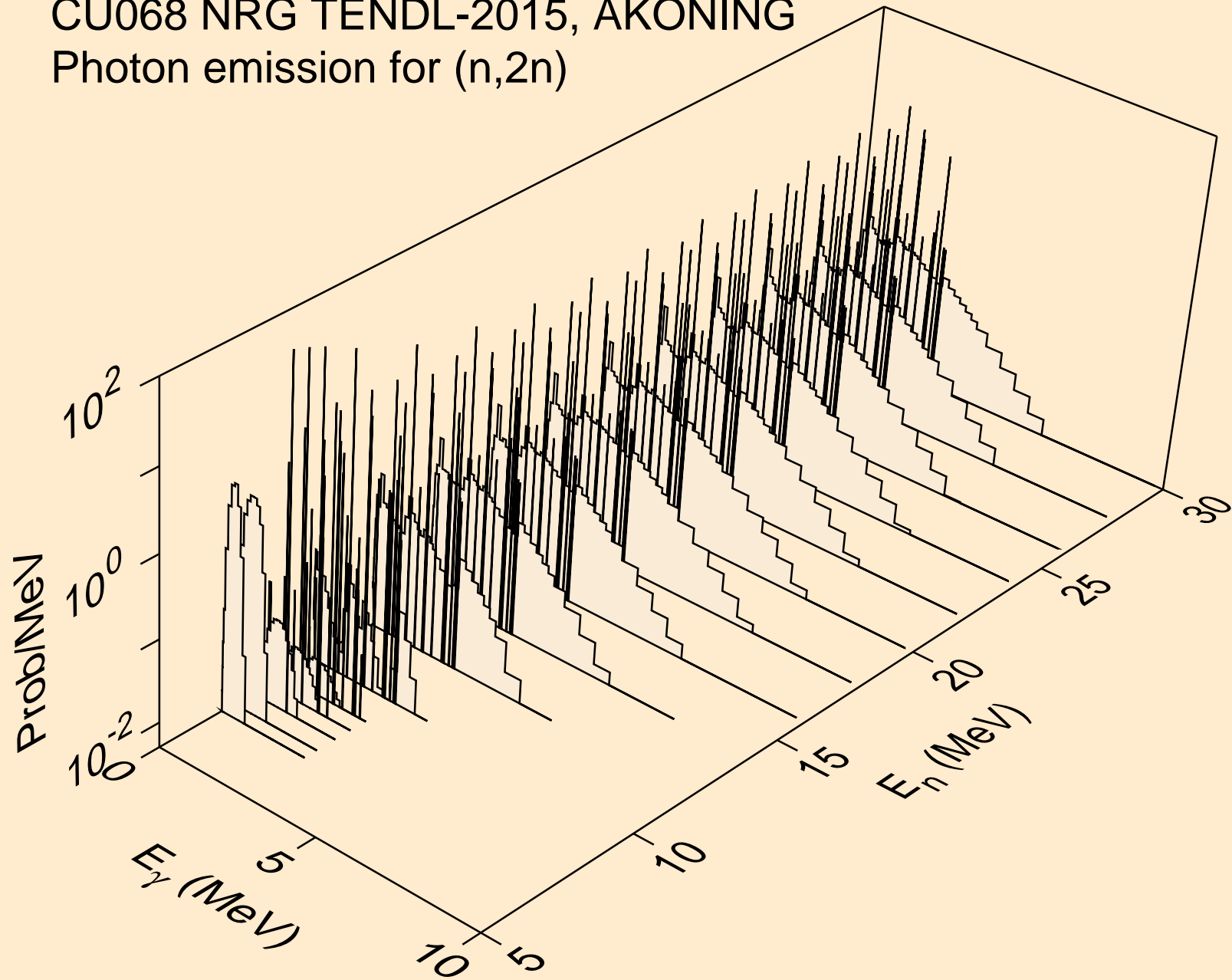




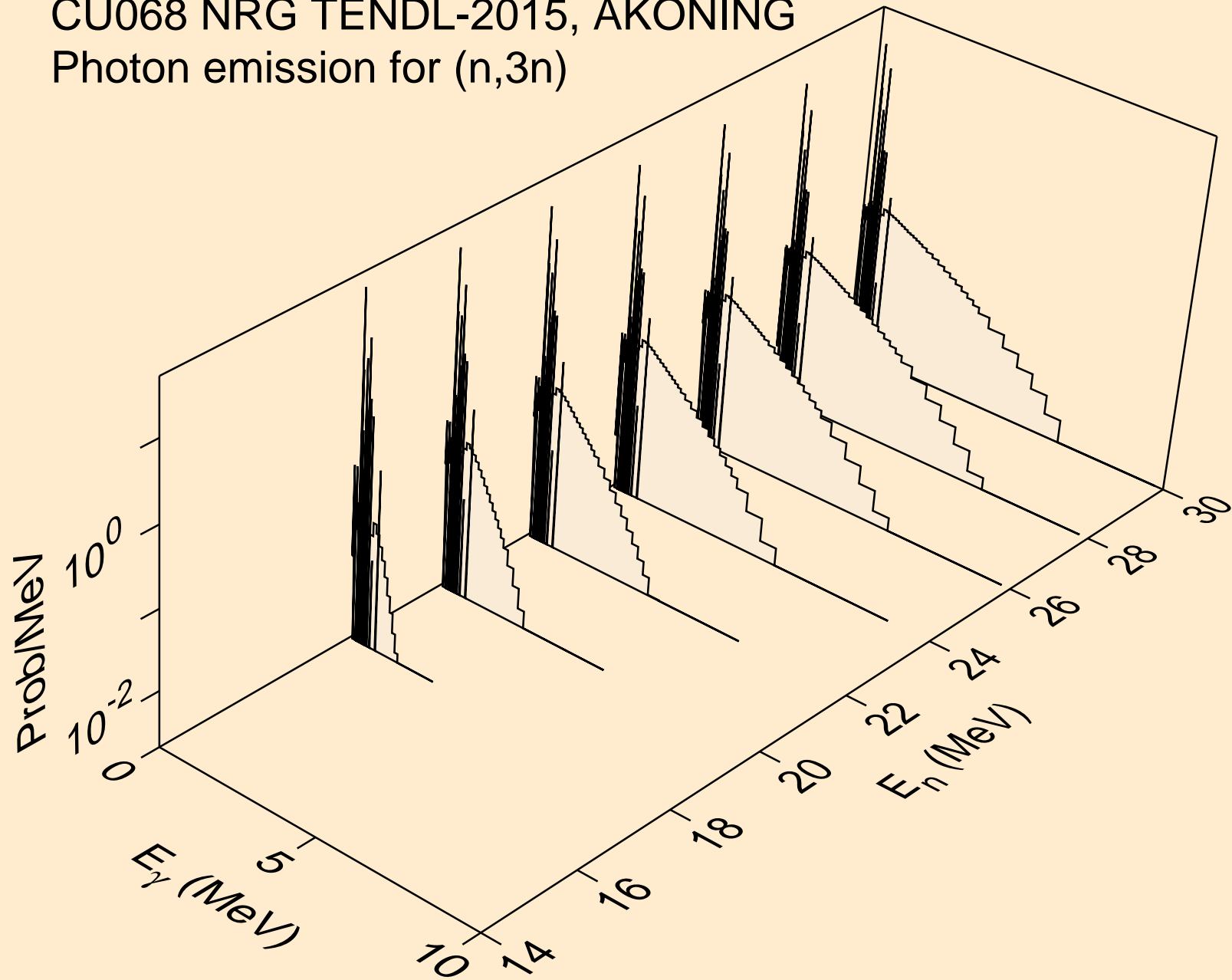
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



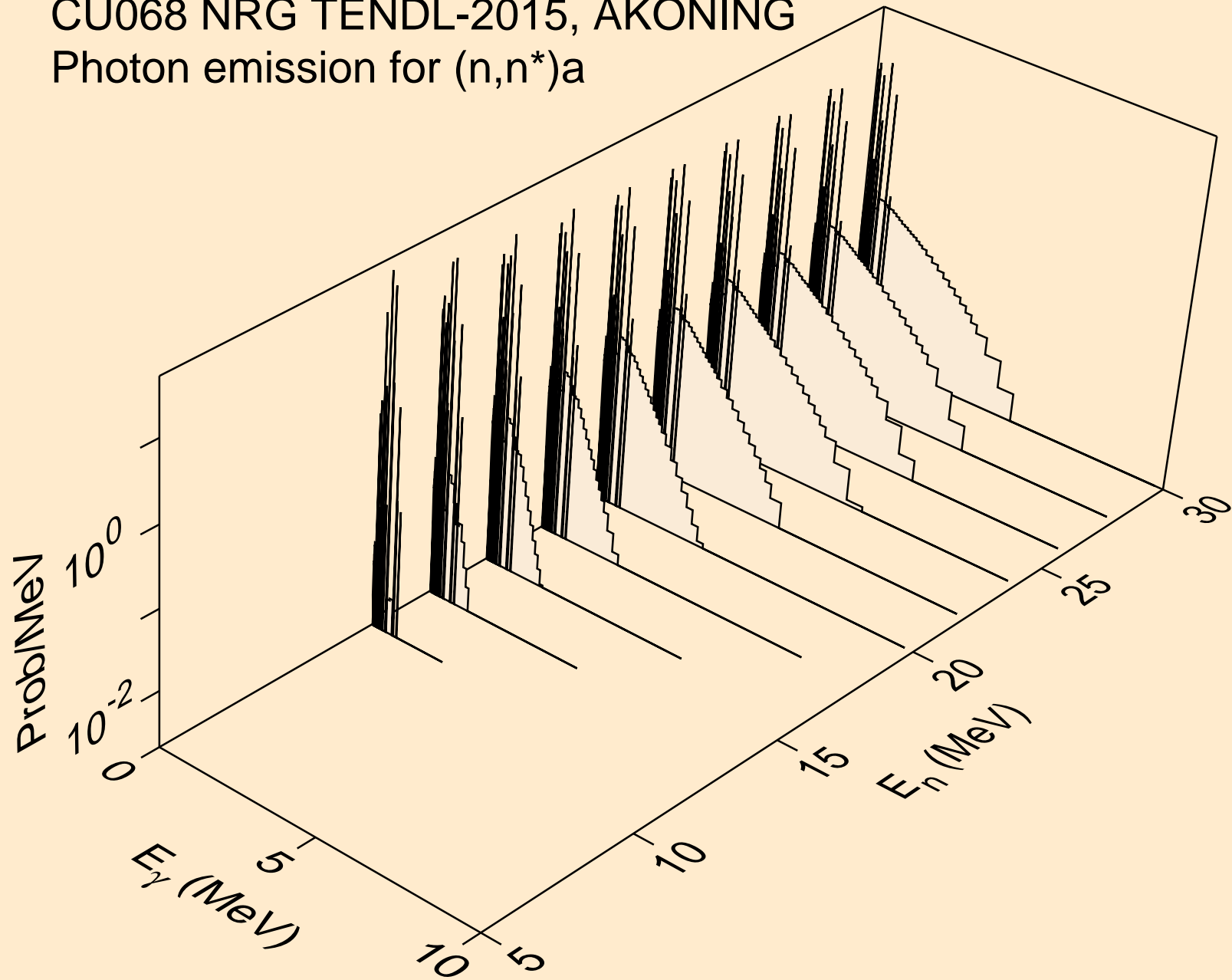
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



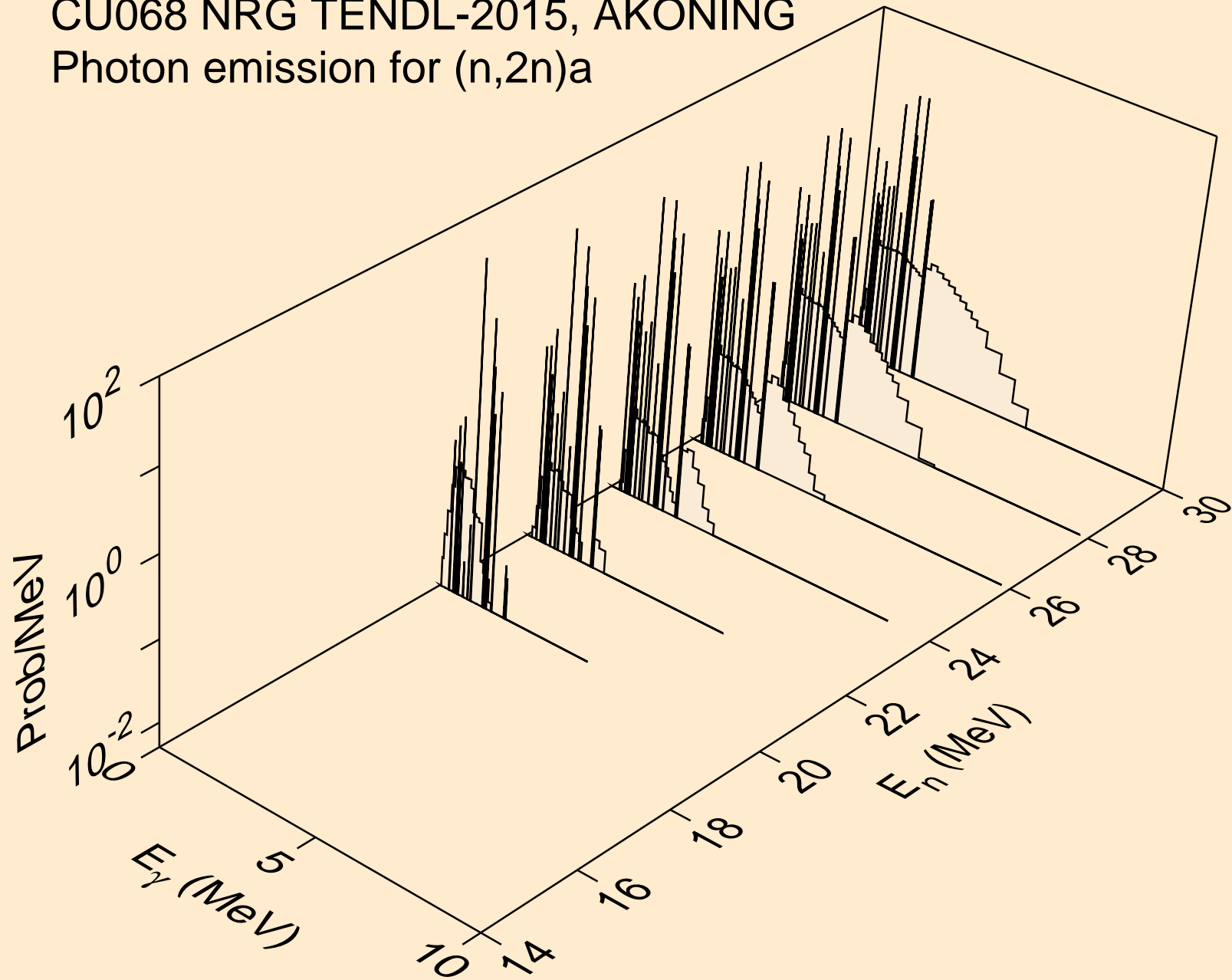
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



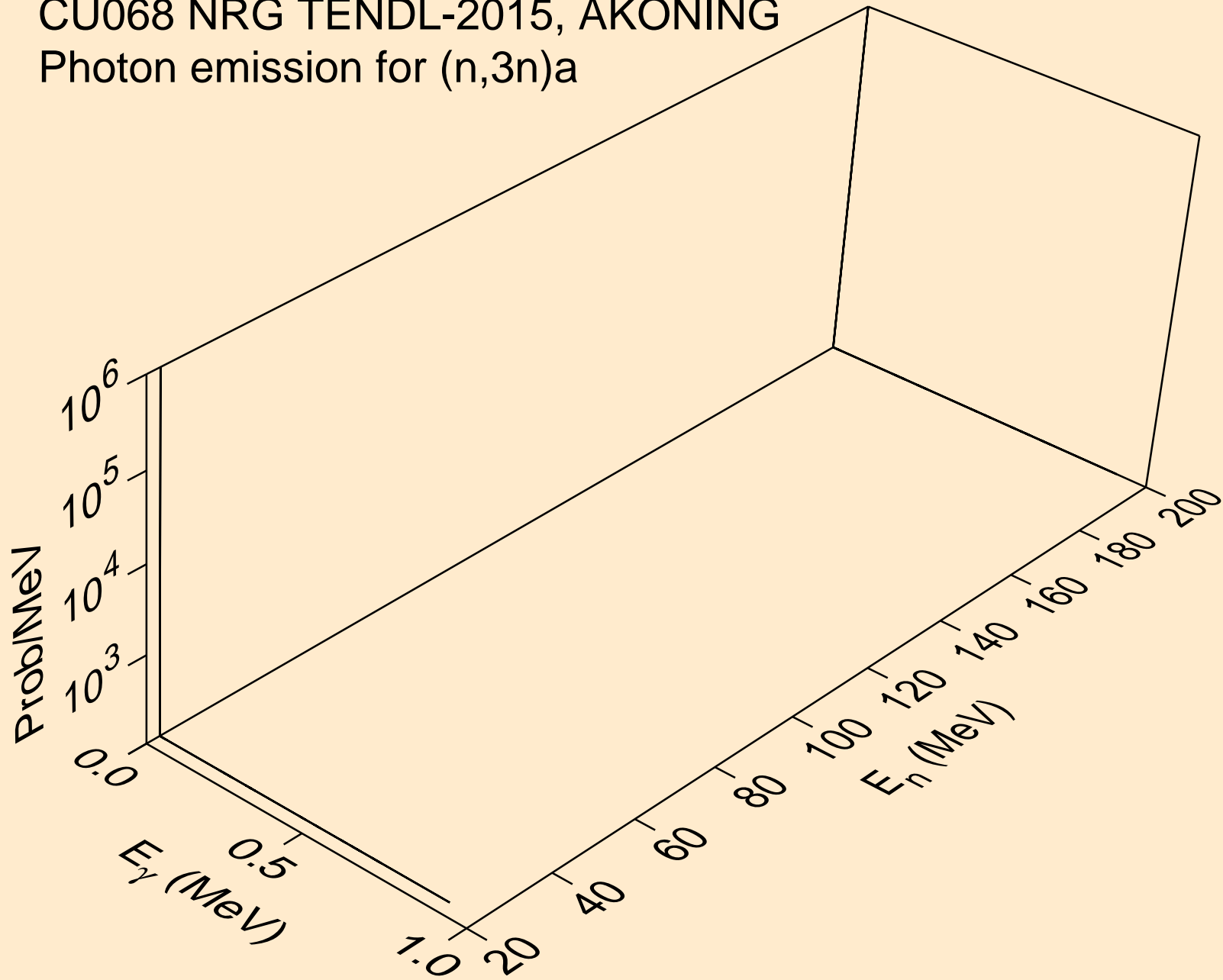
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



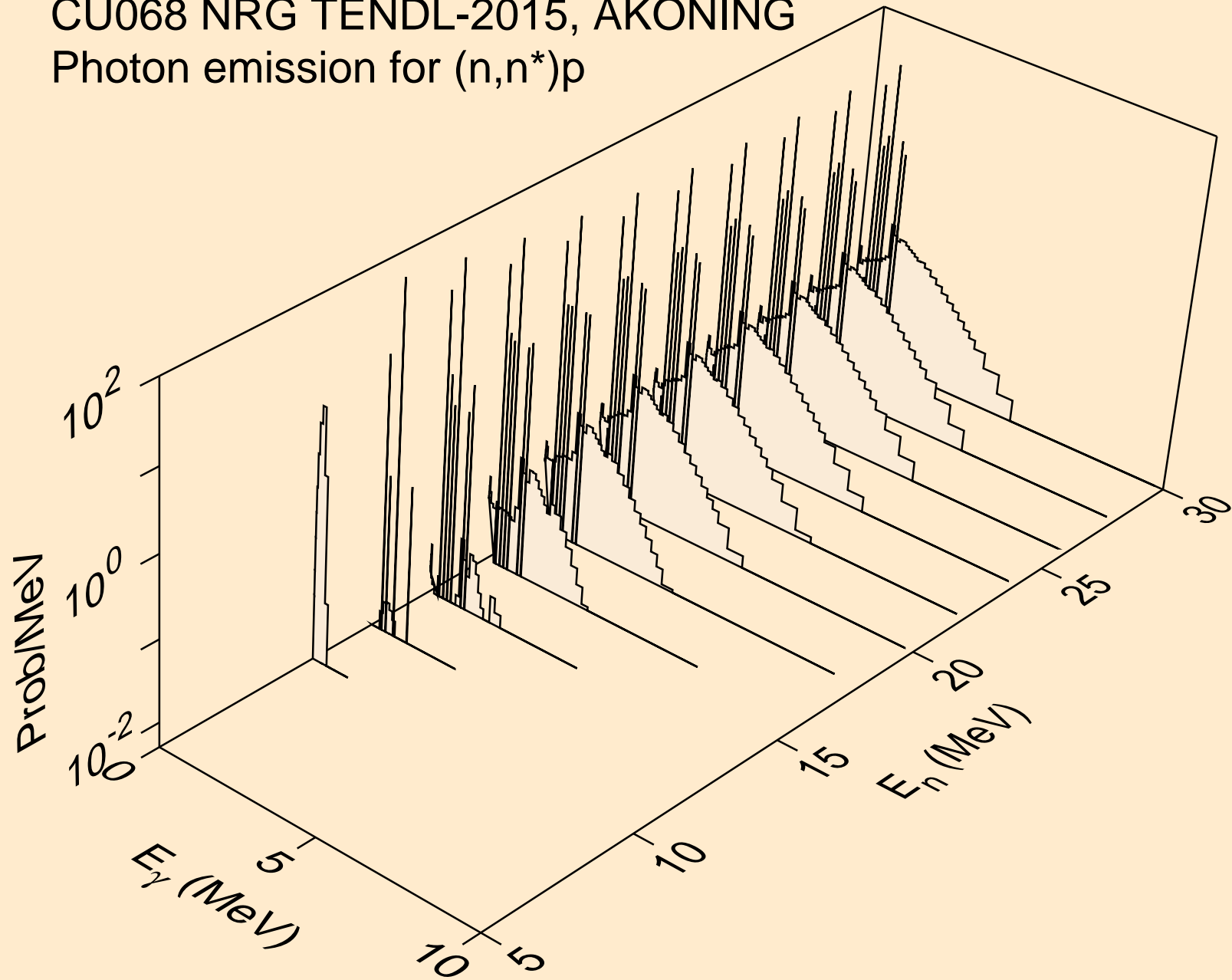
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



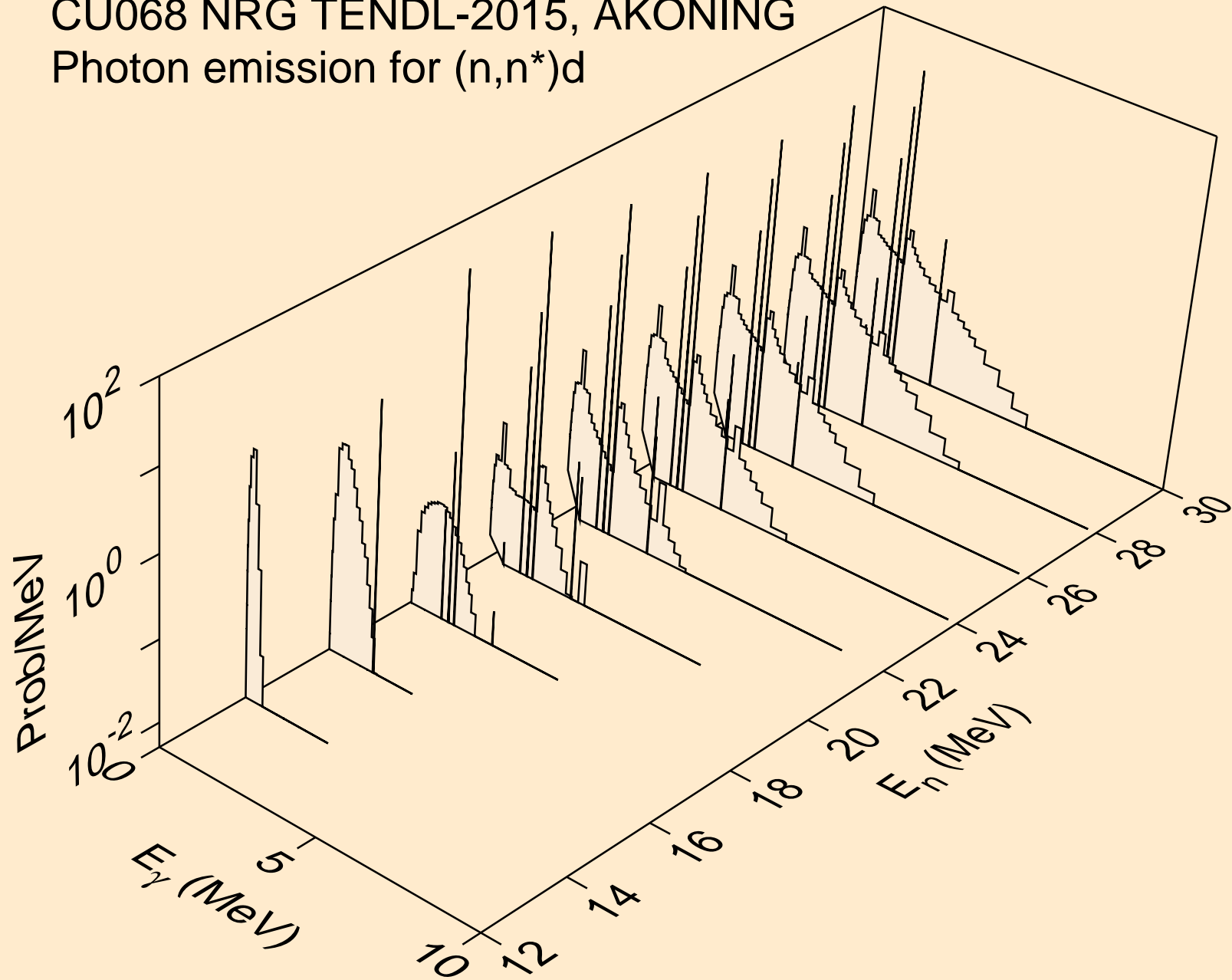
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

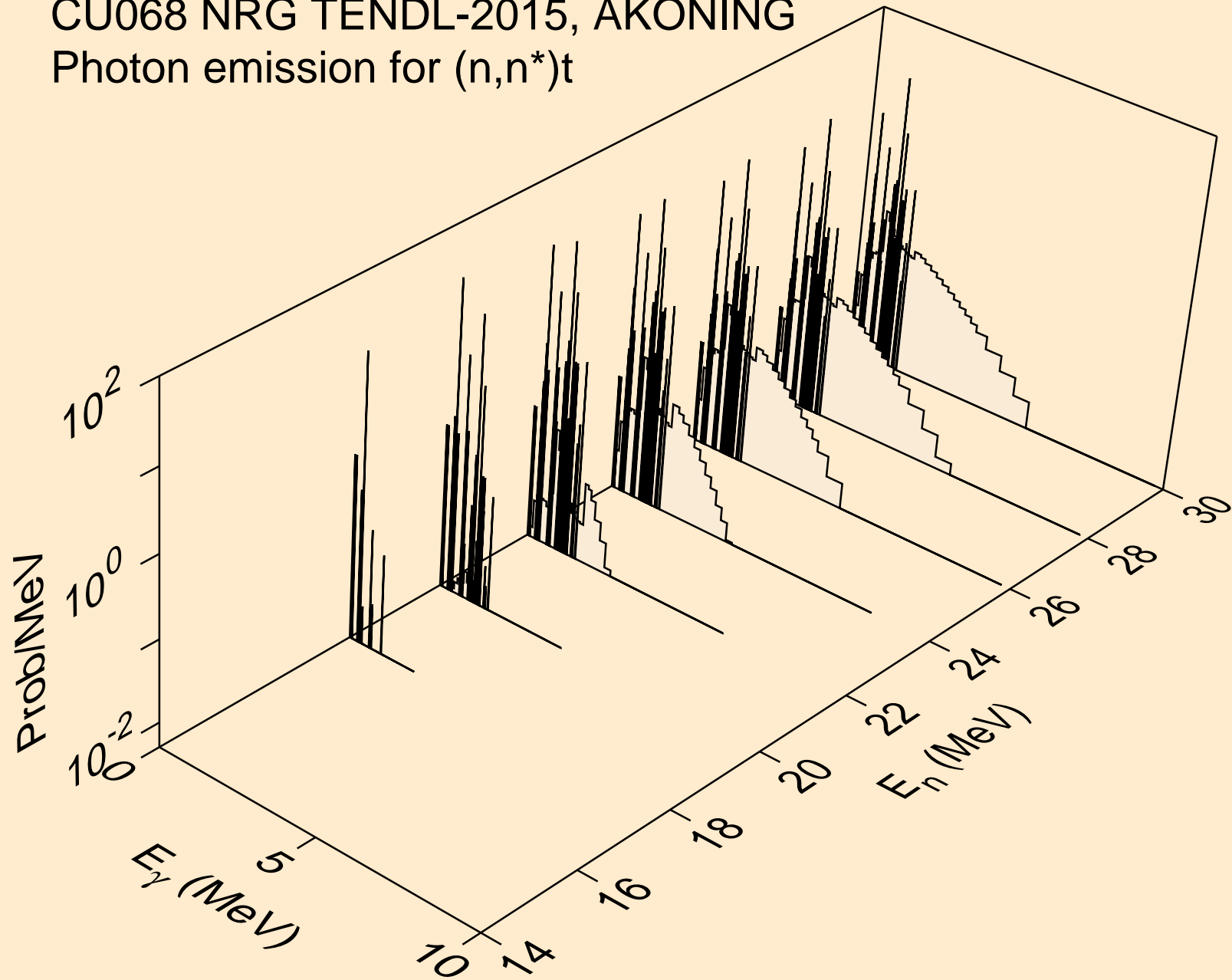


CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

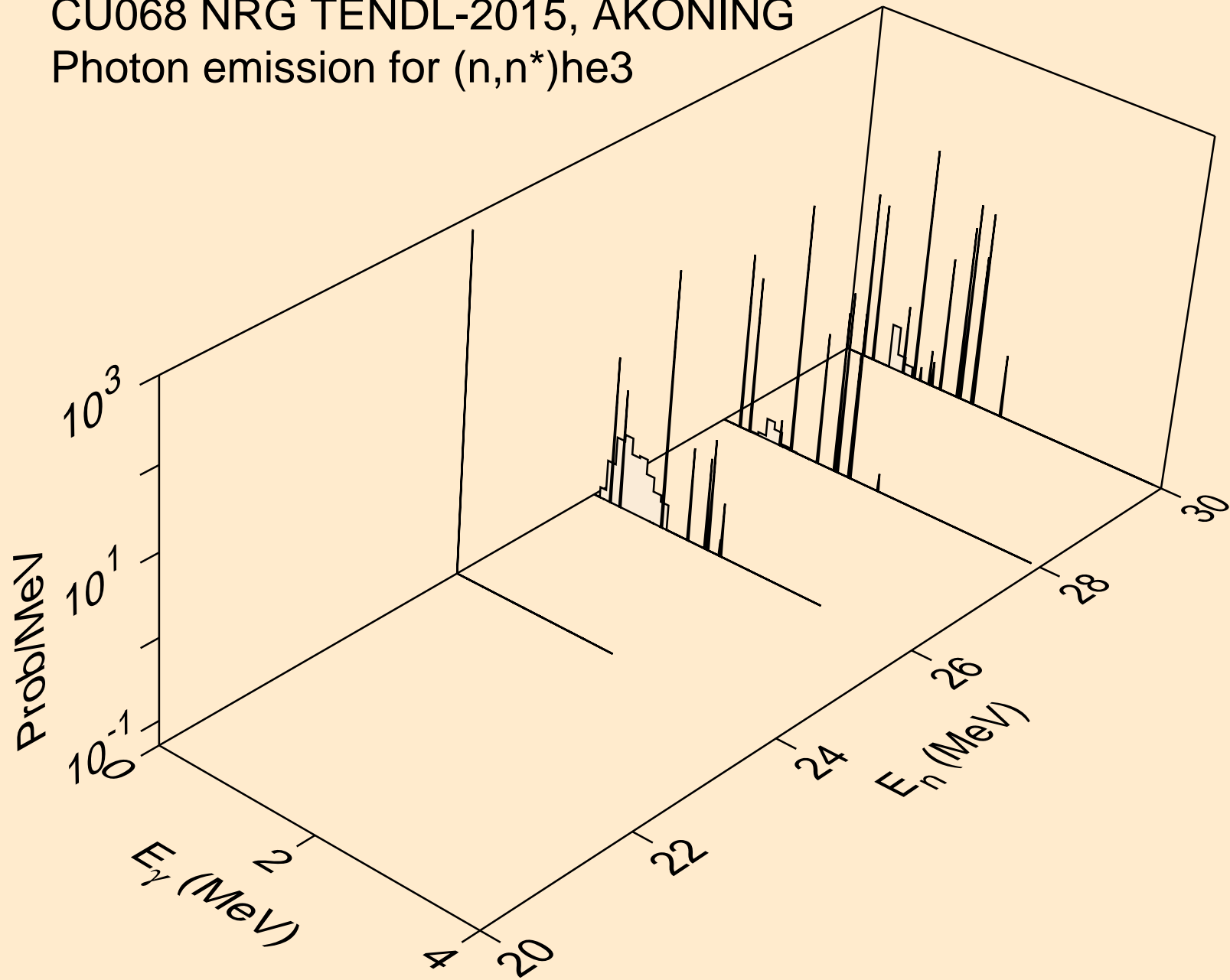




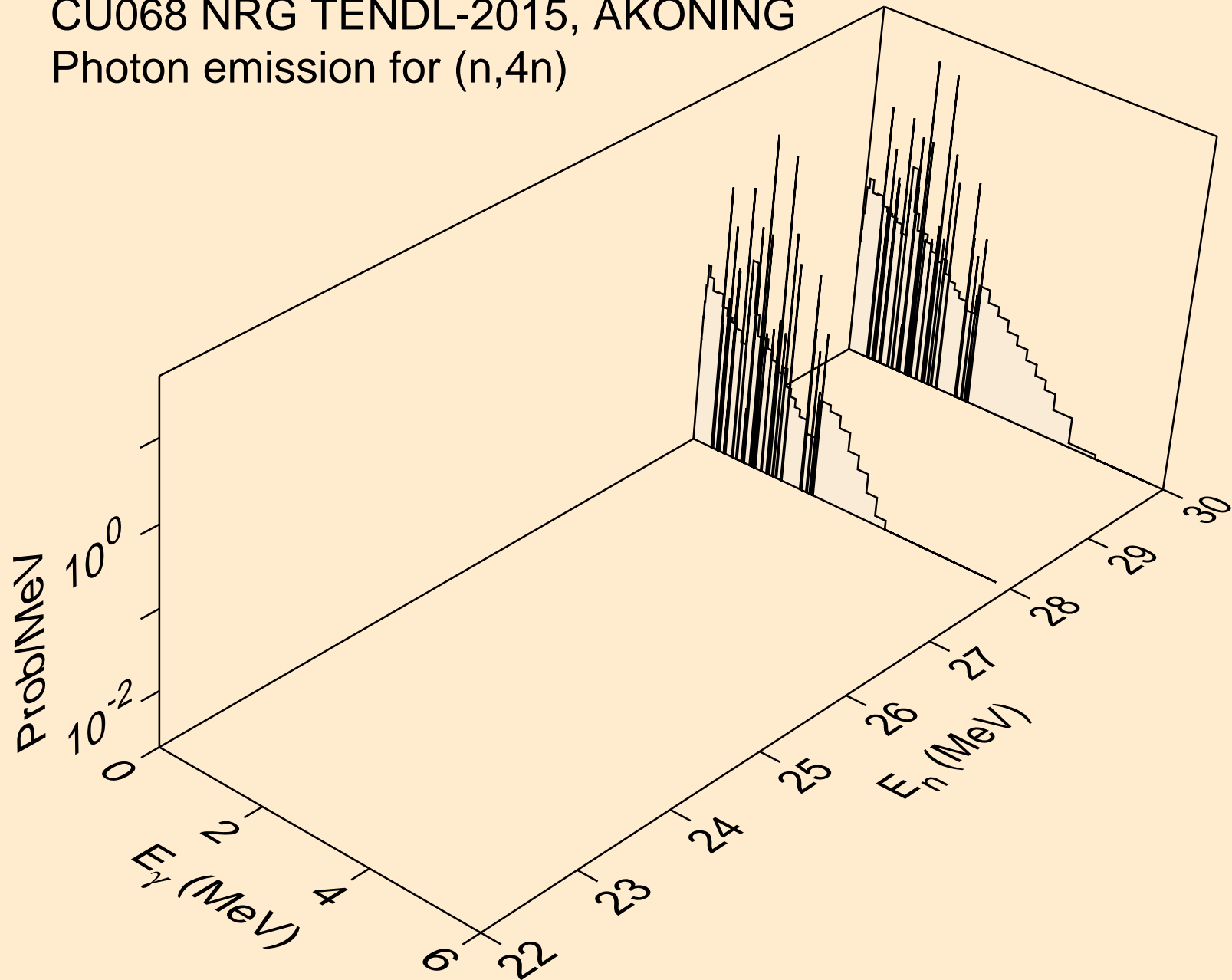
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



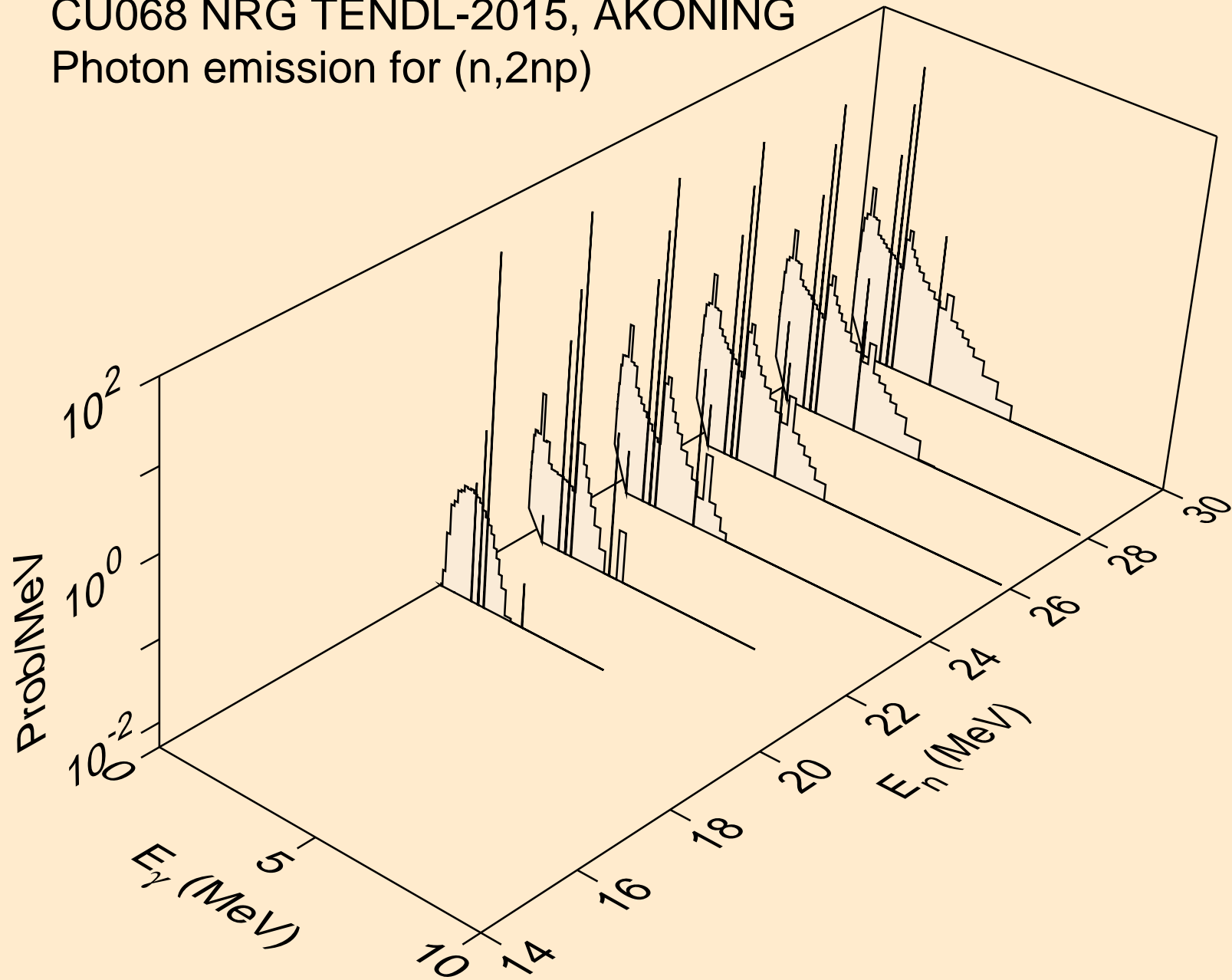
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



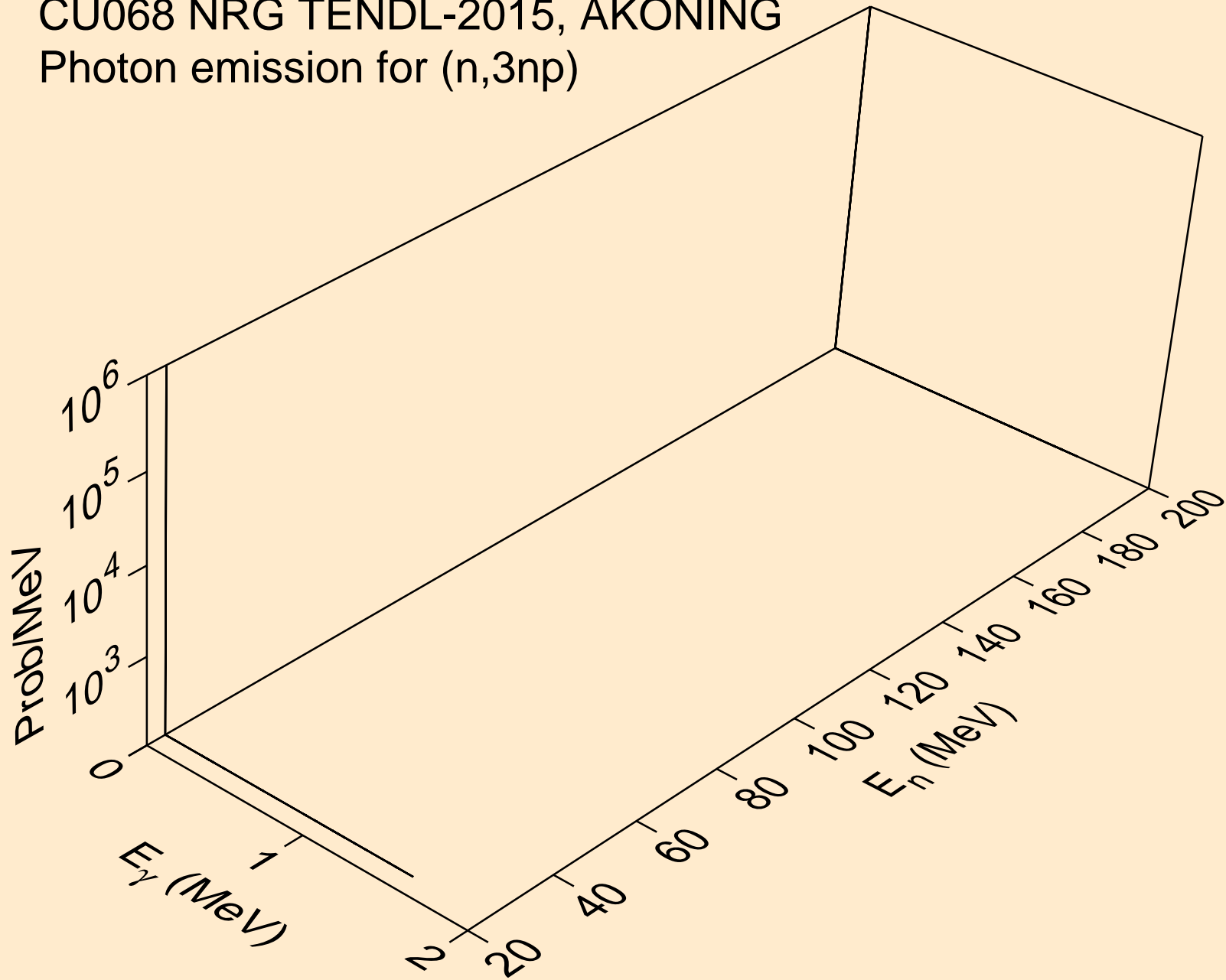
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



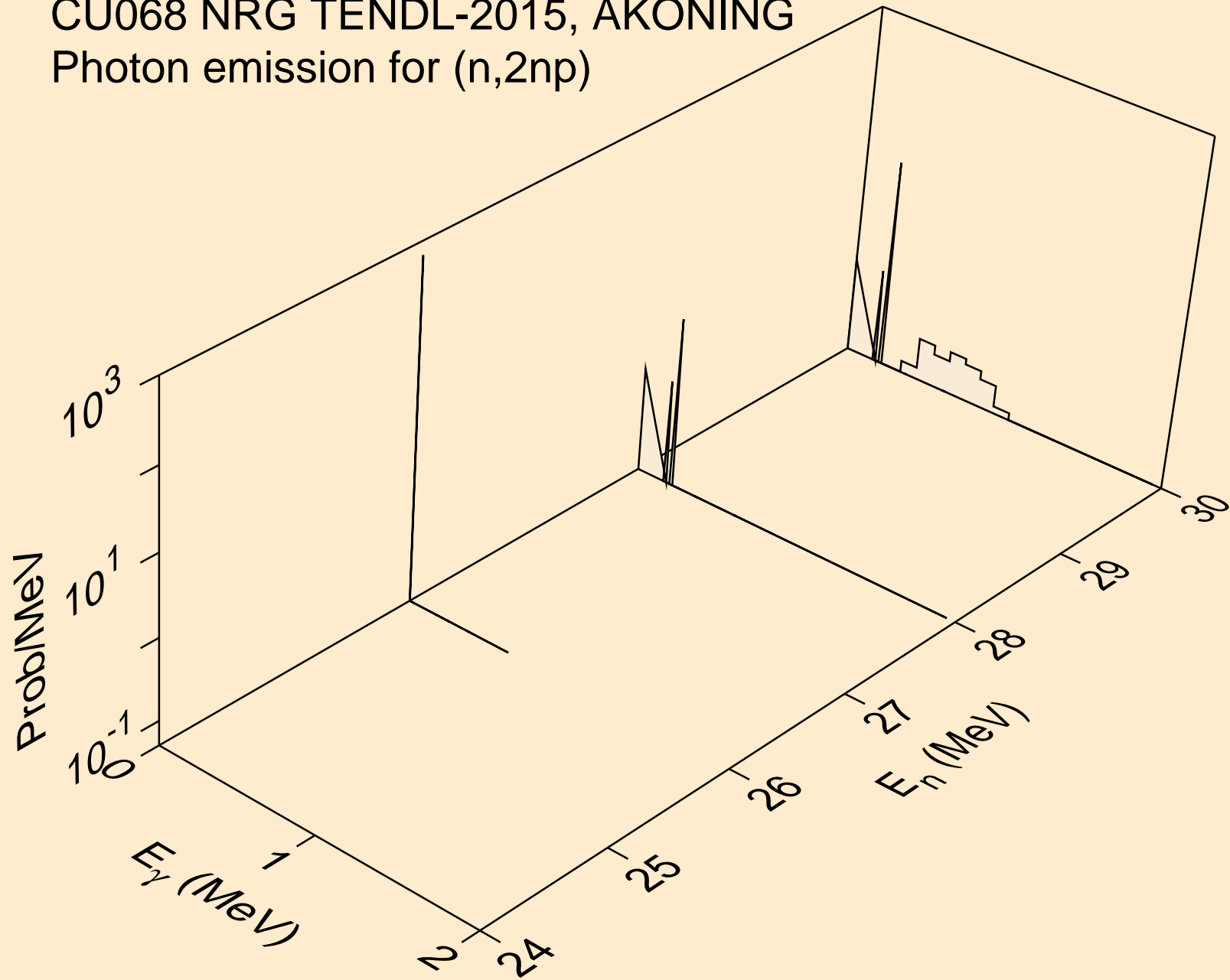
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



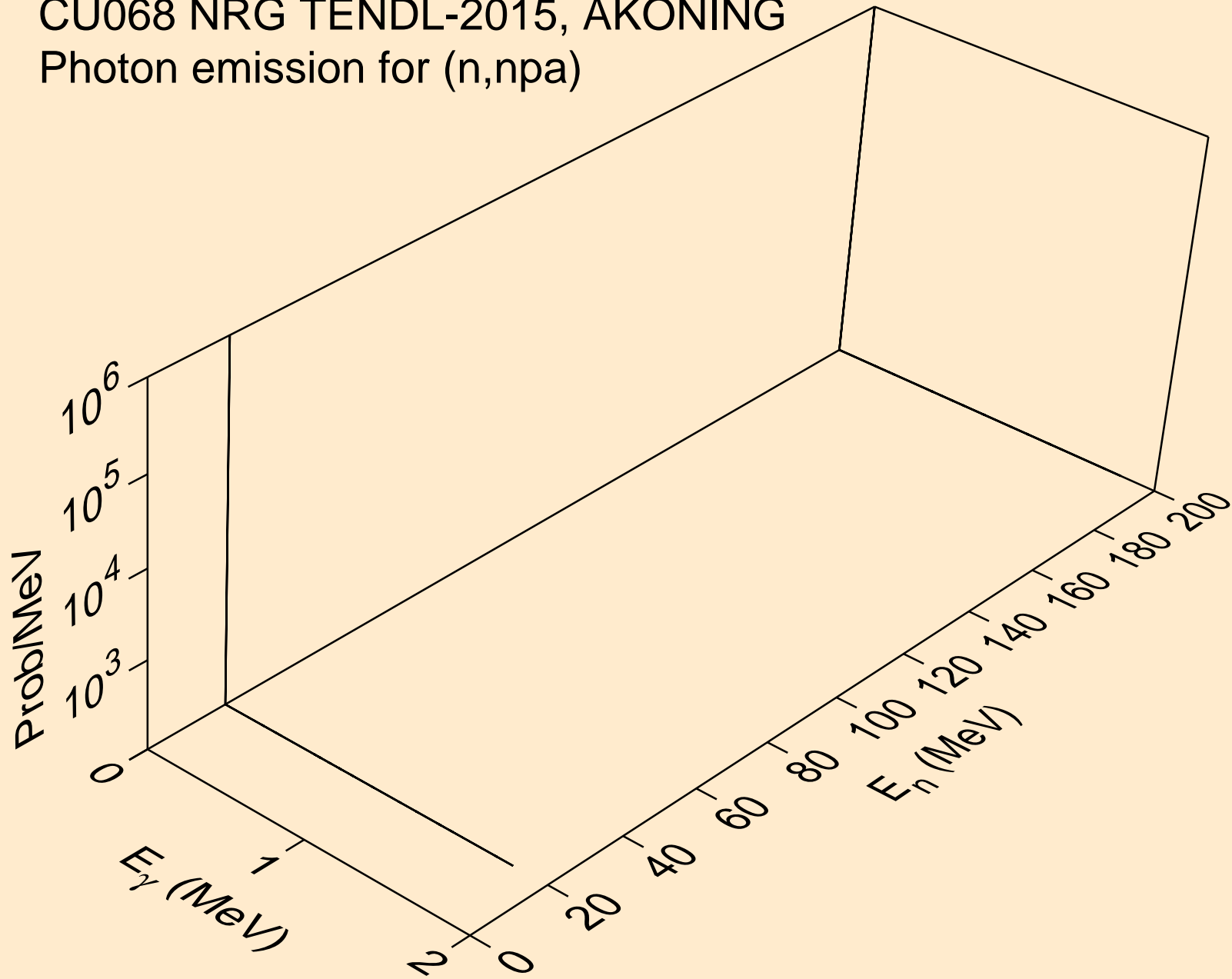
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



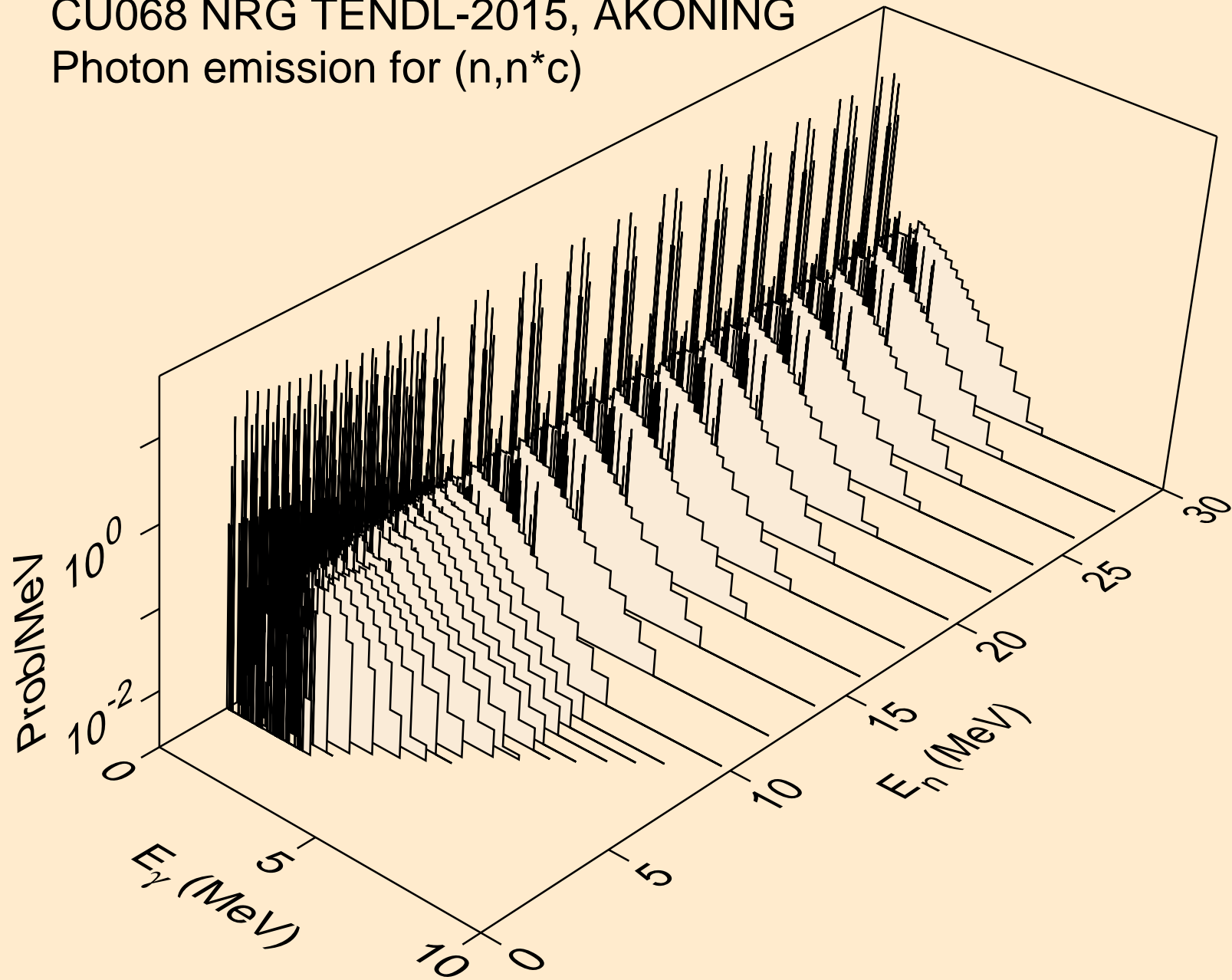
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

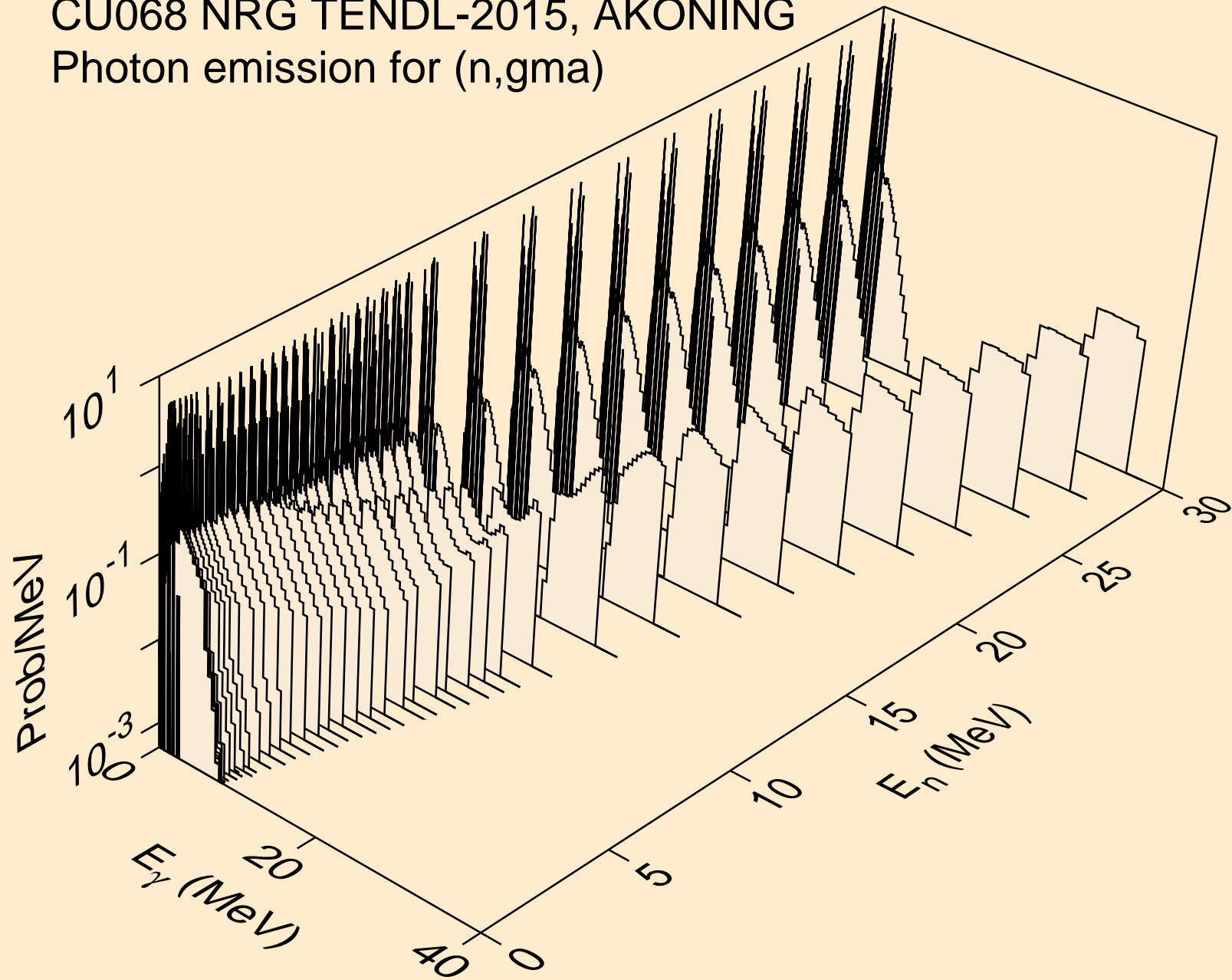


CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

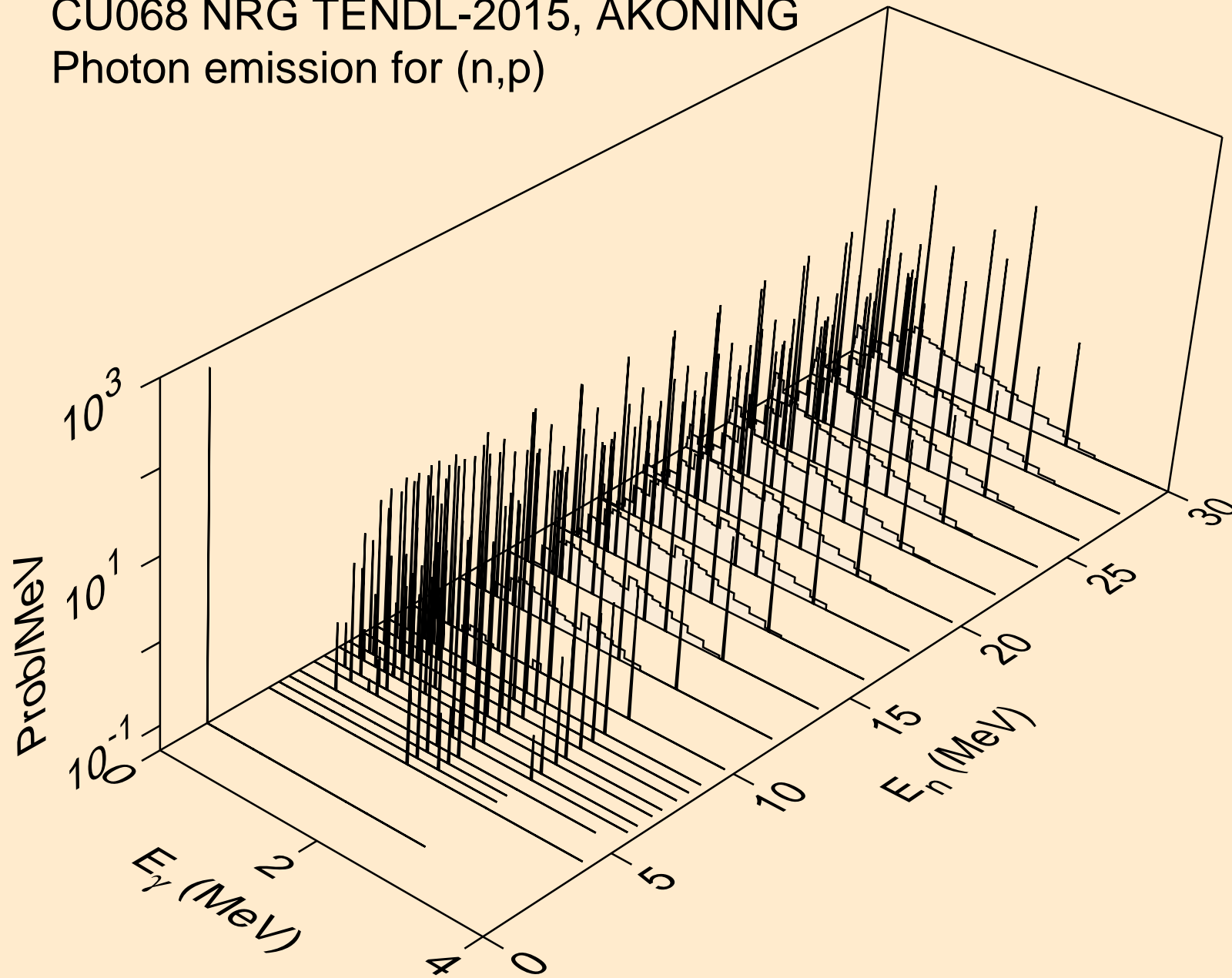




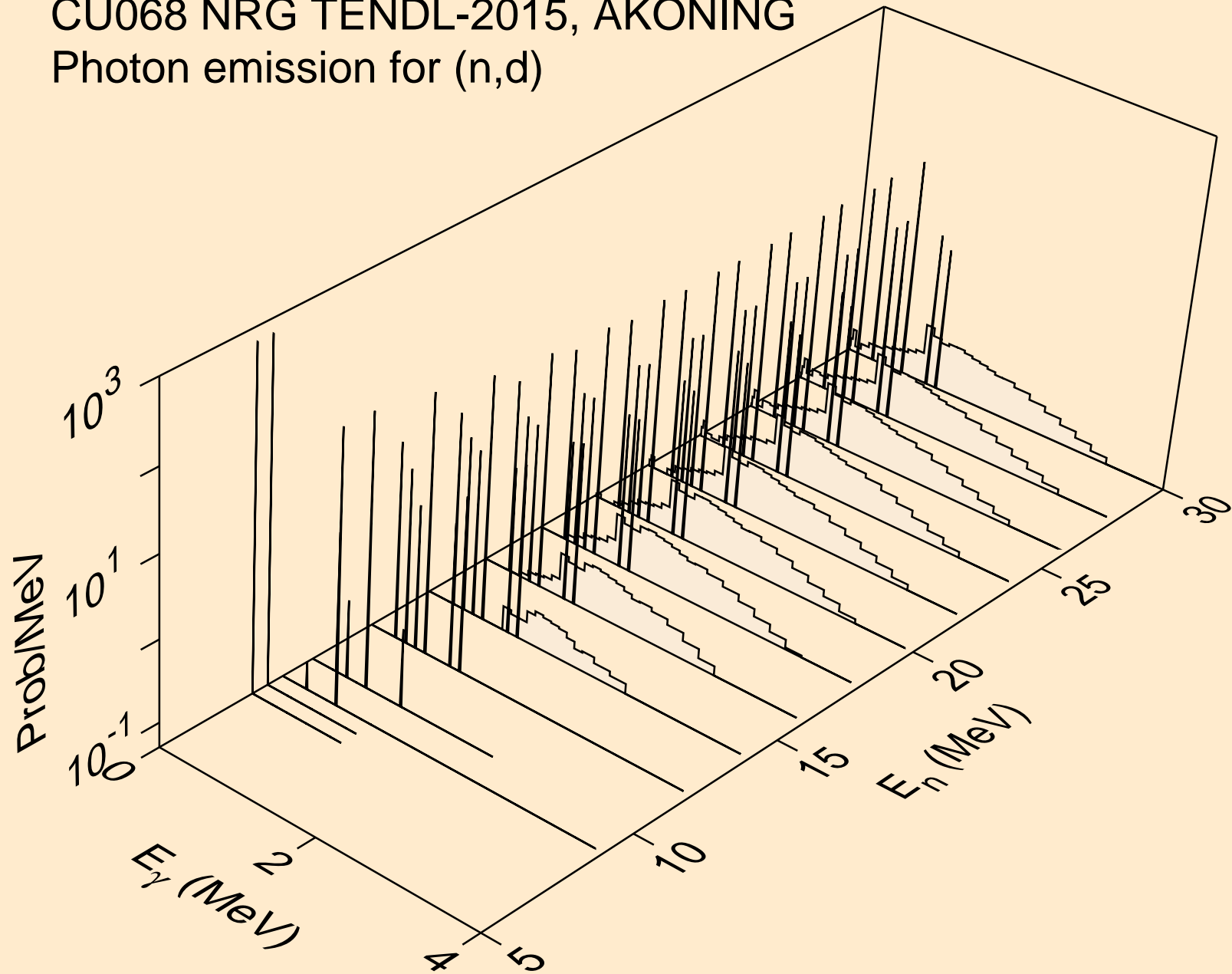
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



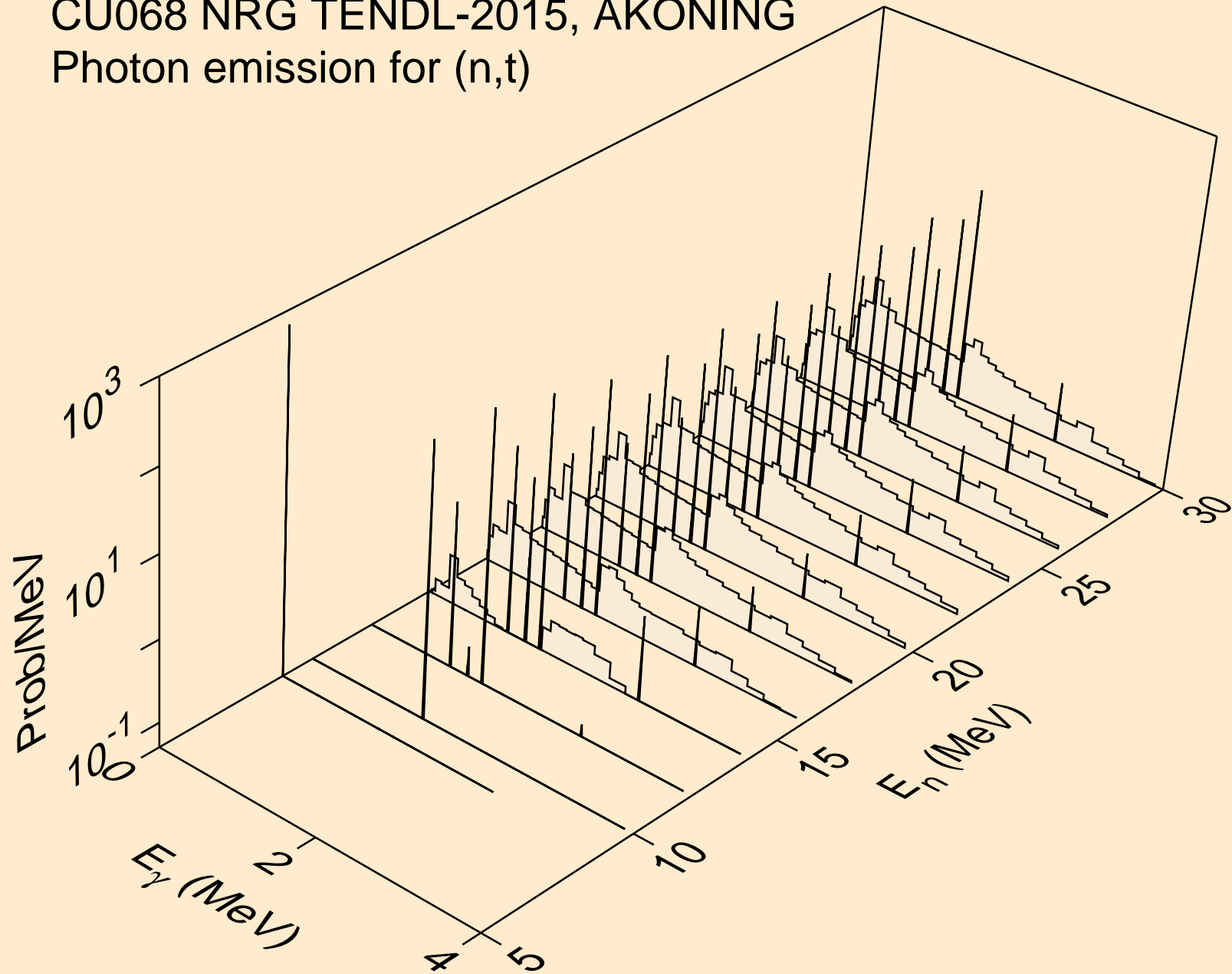
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



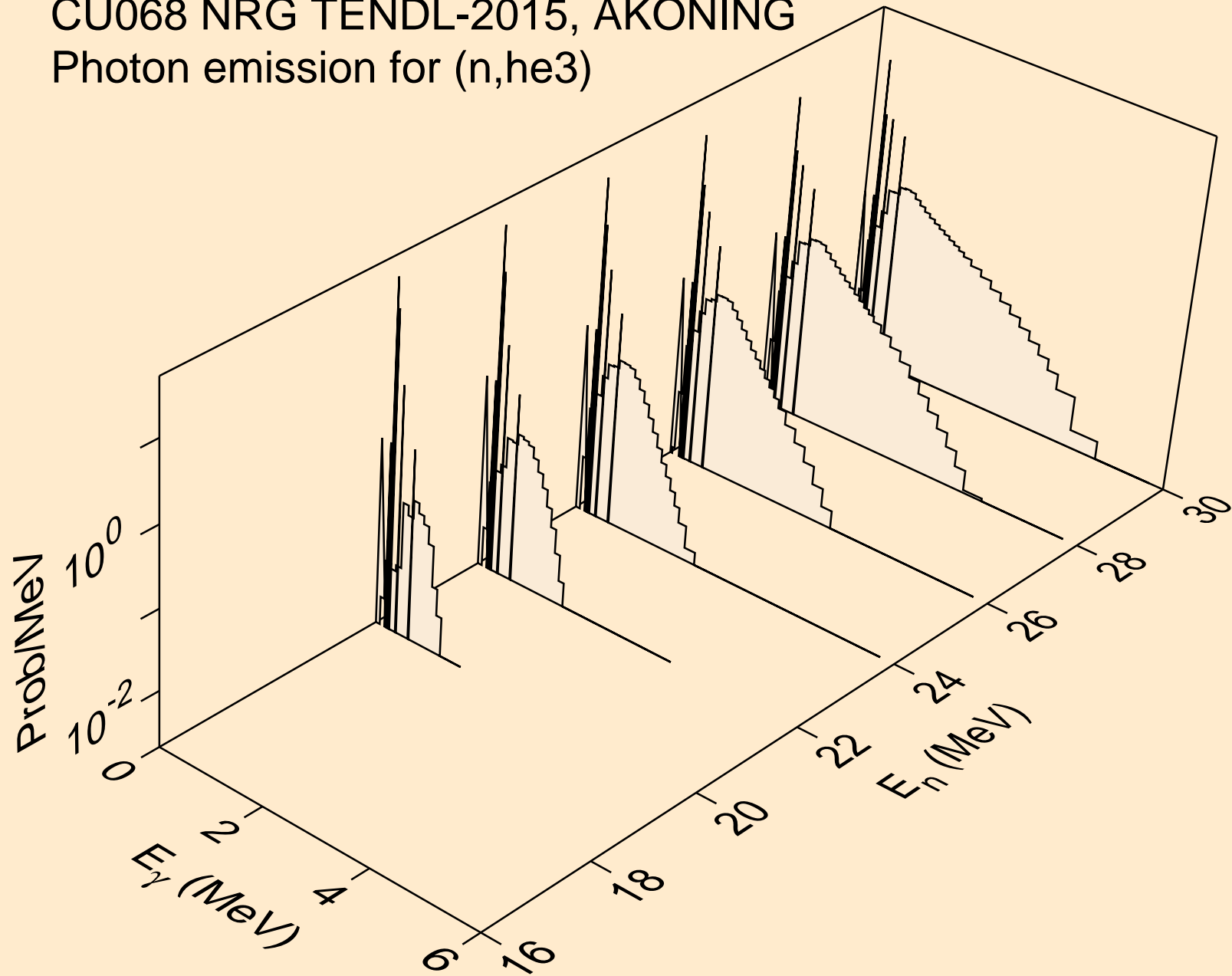
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



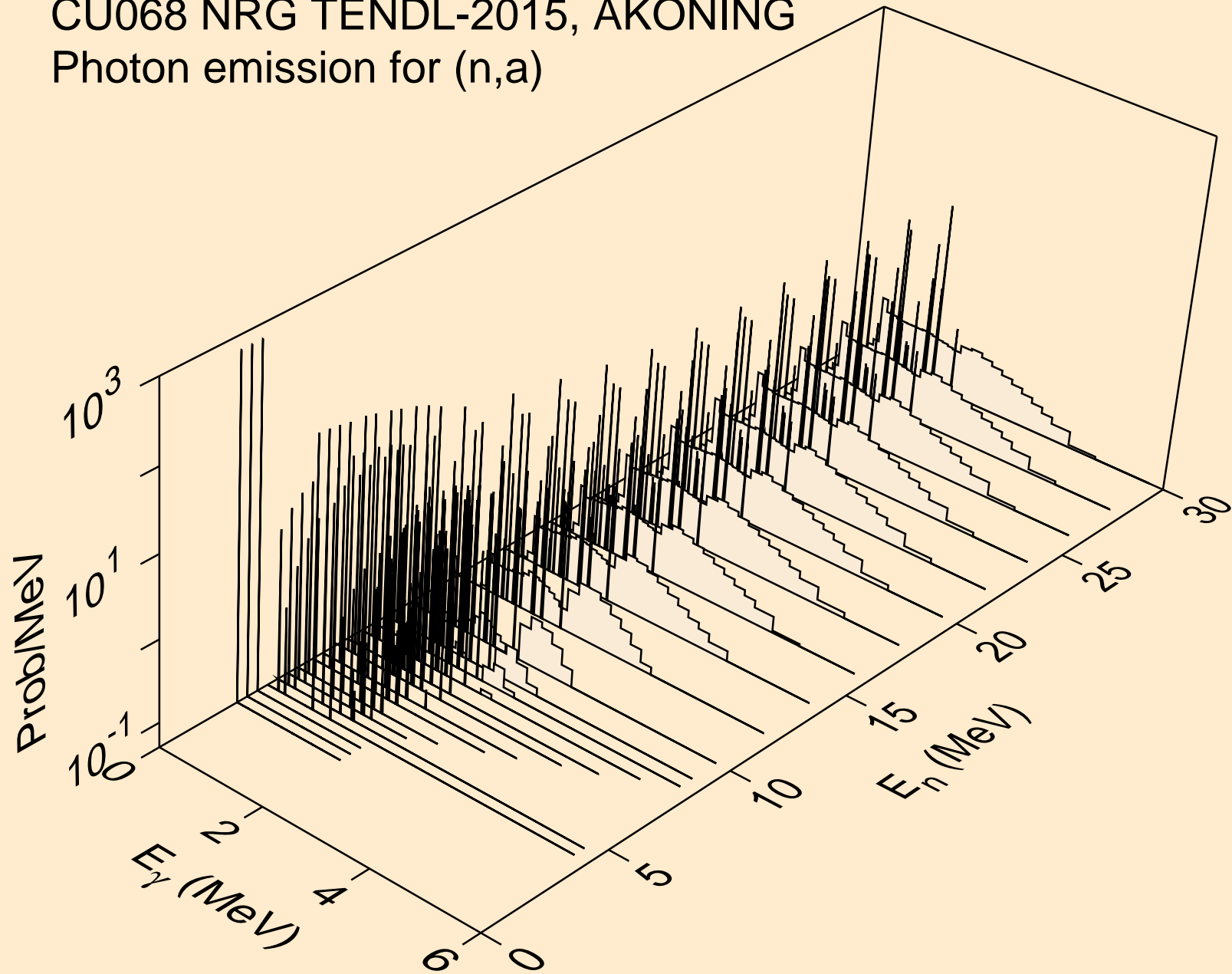
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



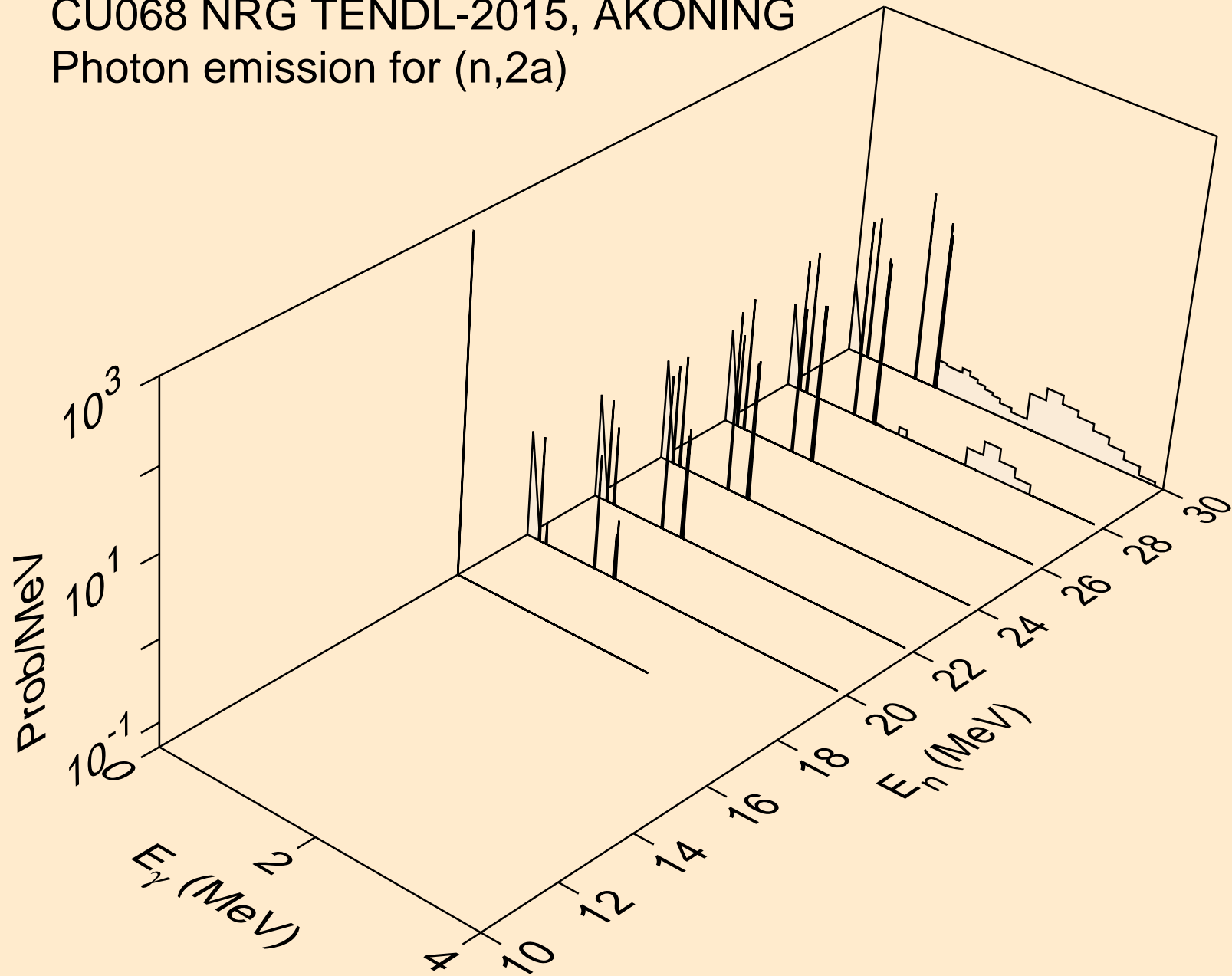
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



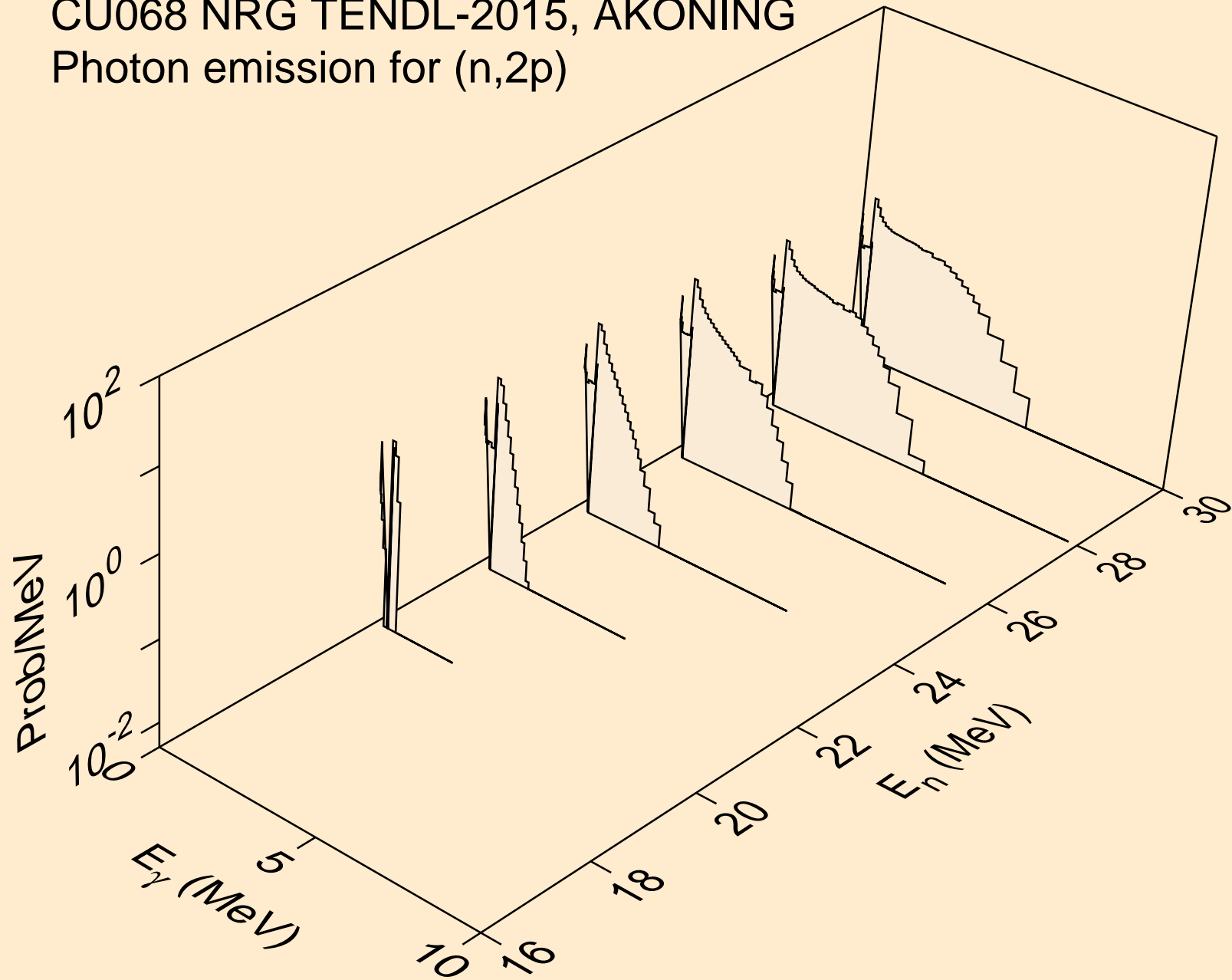
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

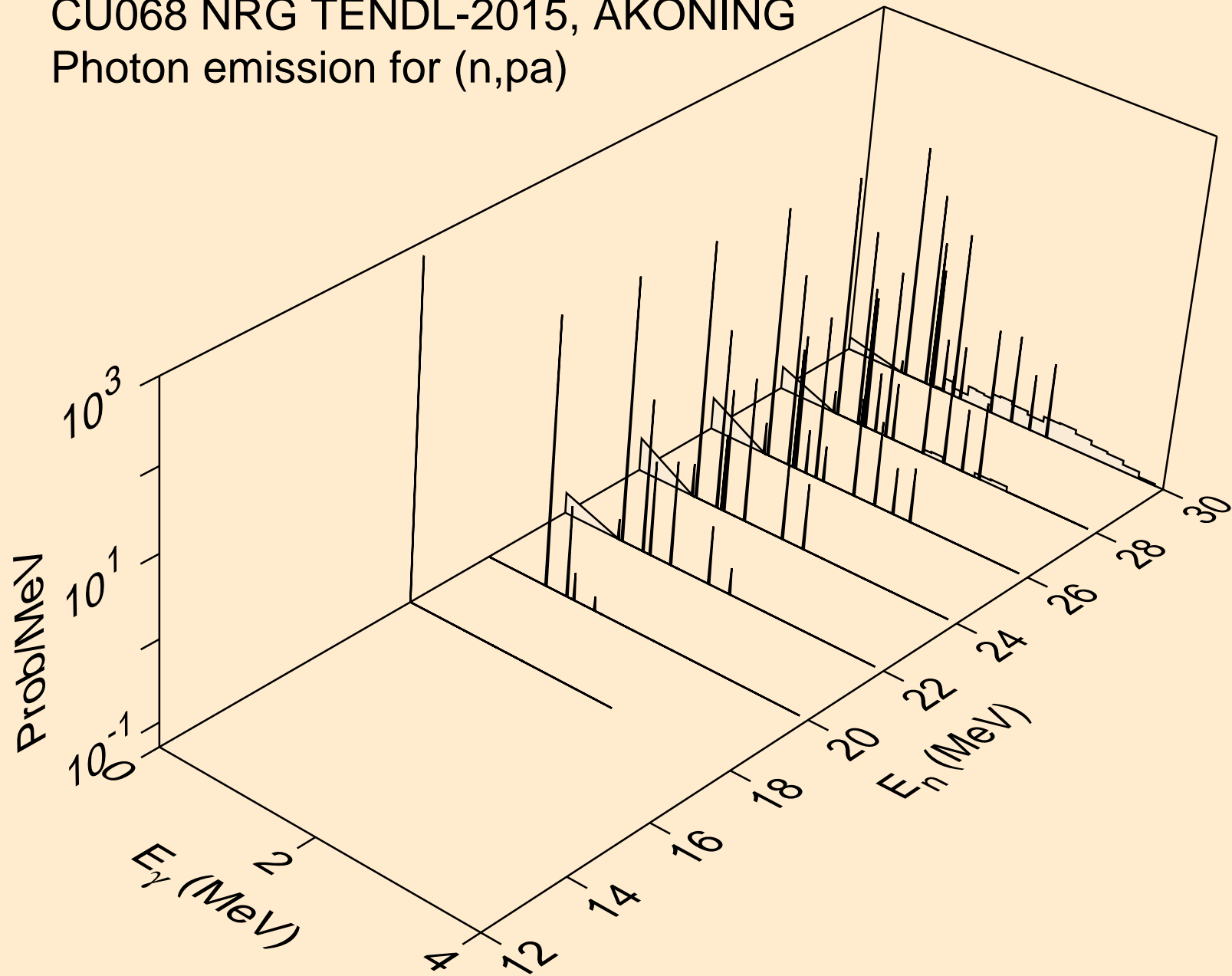


CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

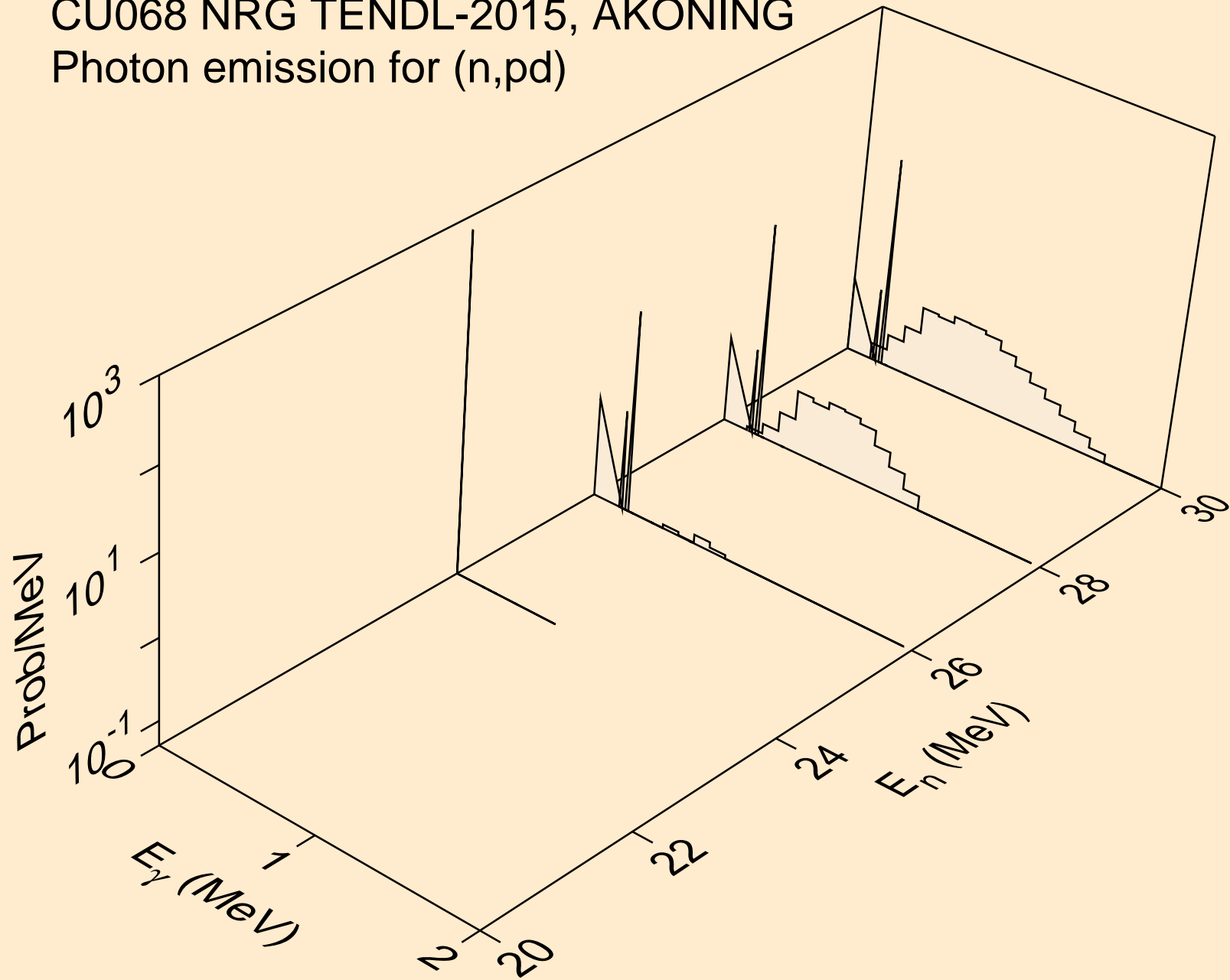




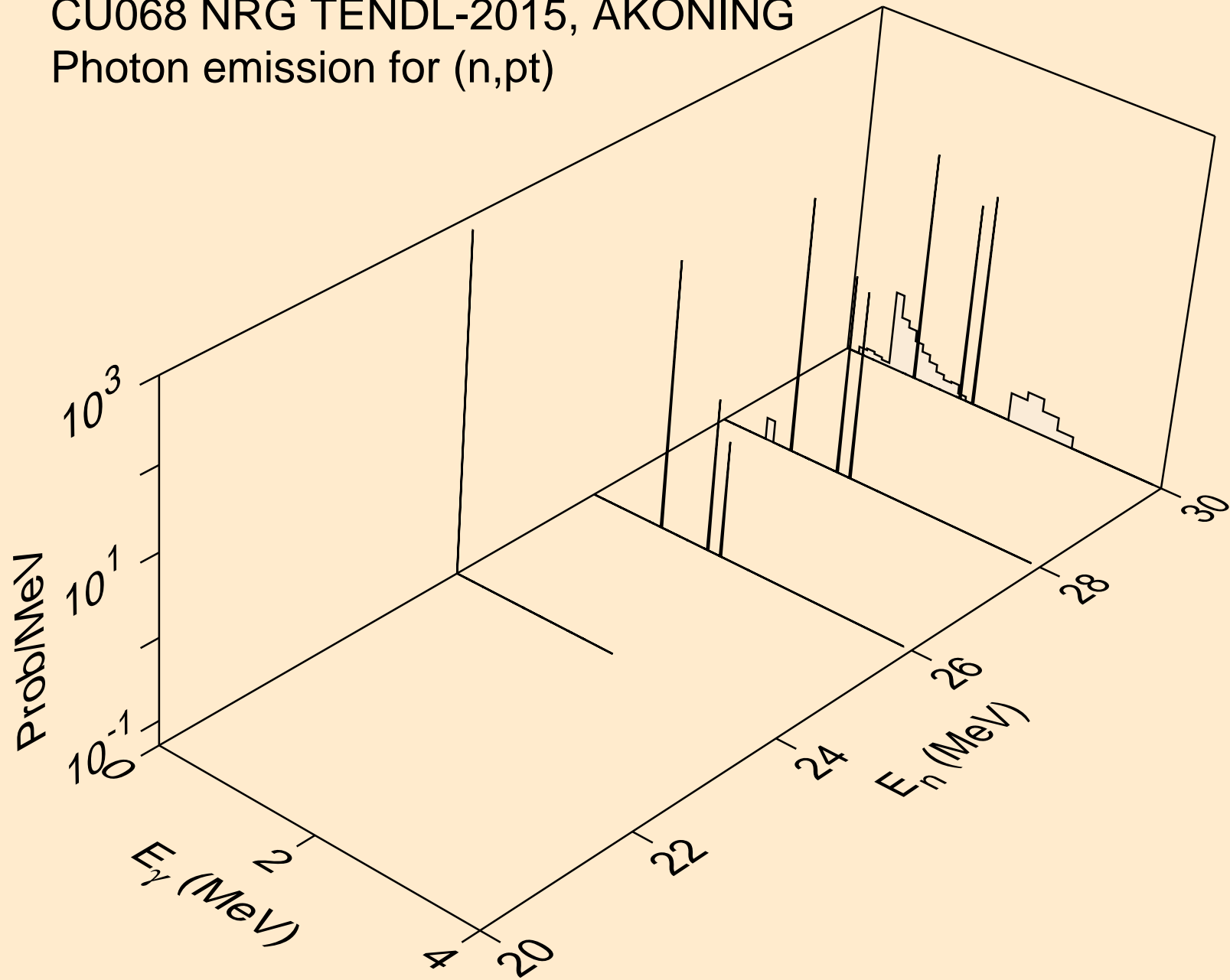
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



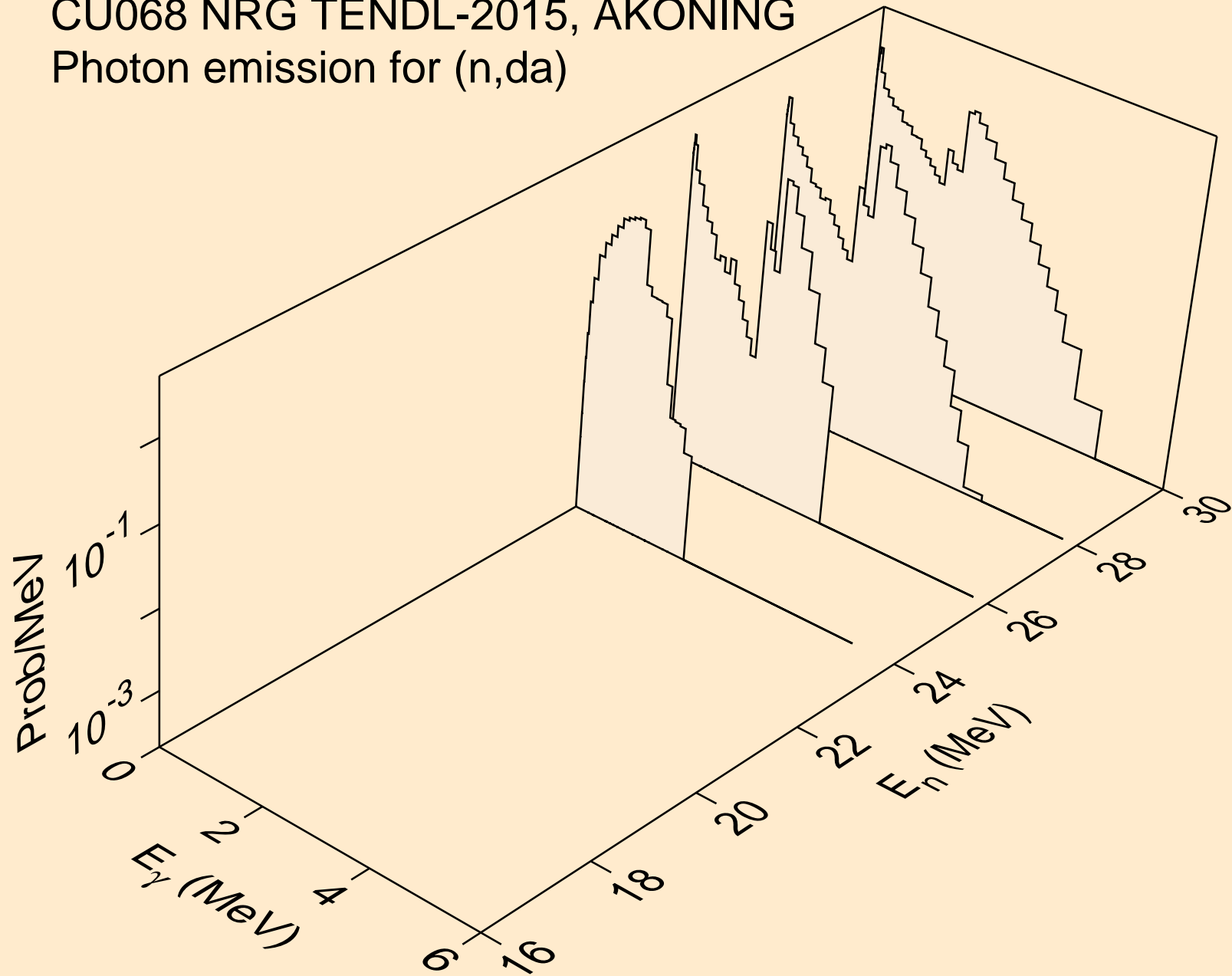
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



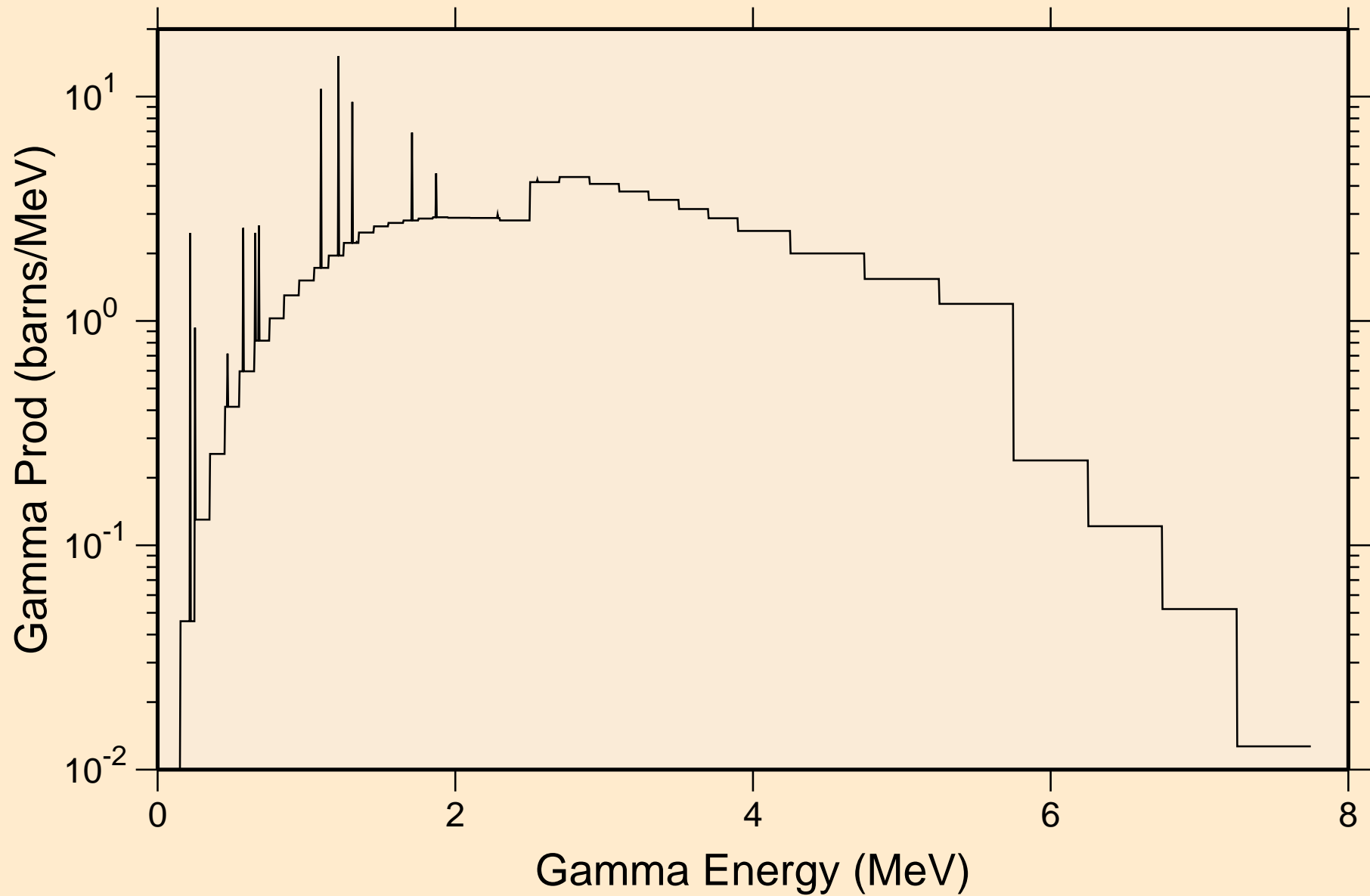
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



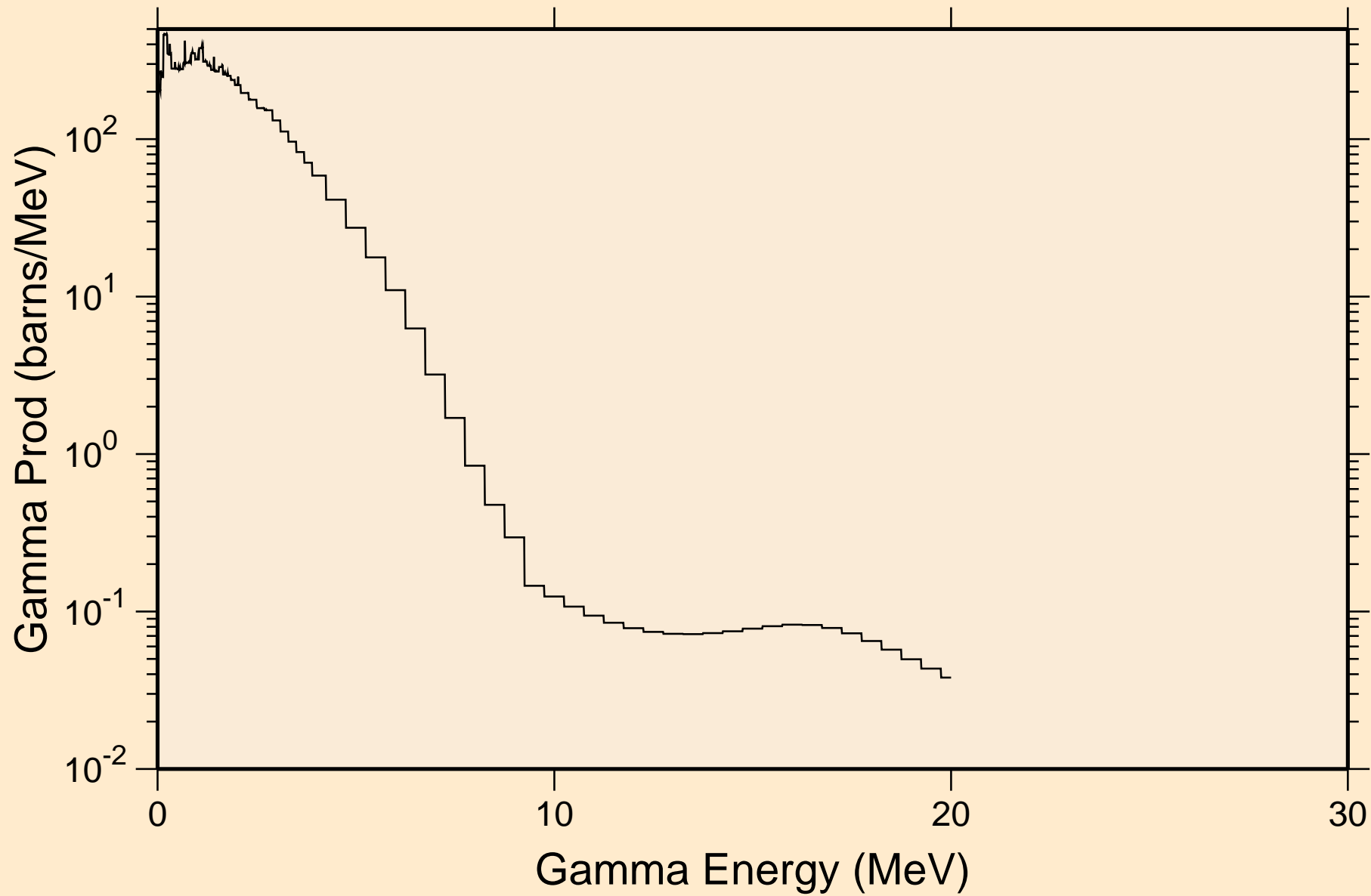
CU068 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CU068 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

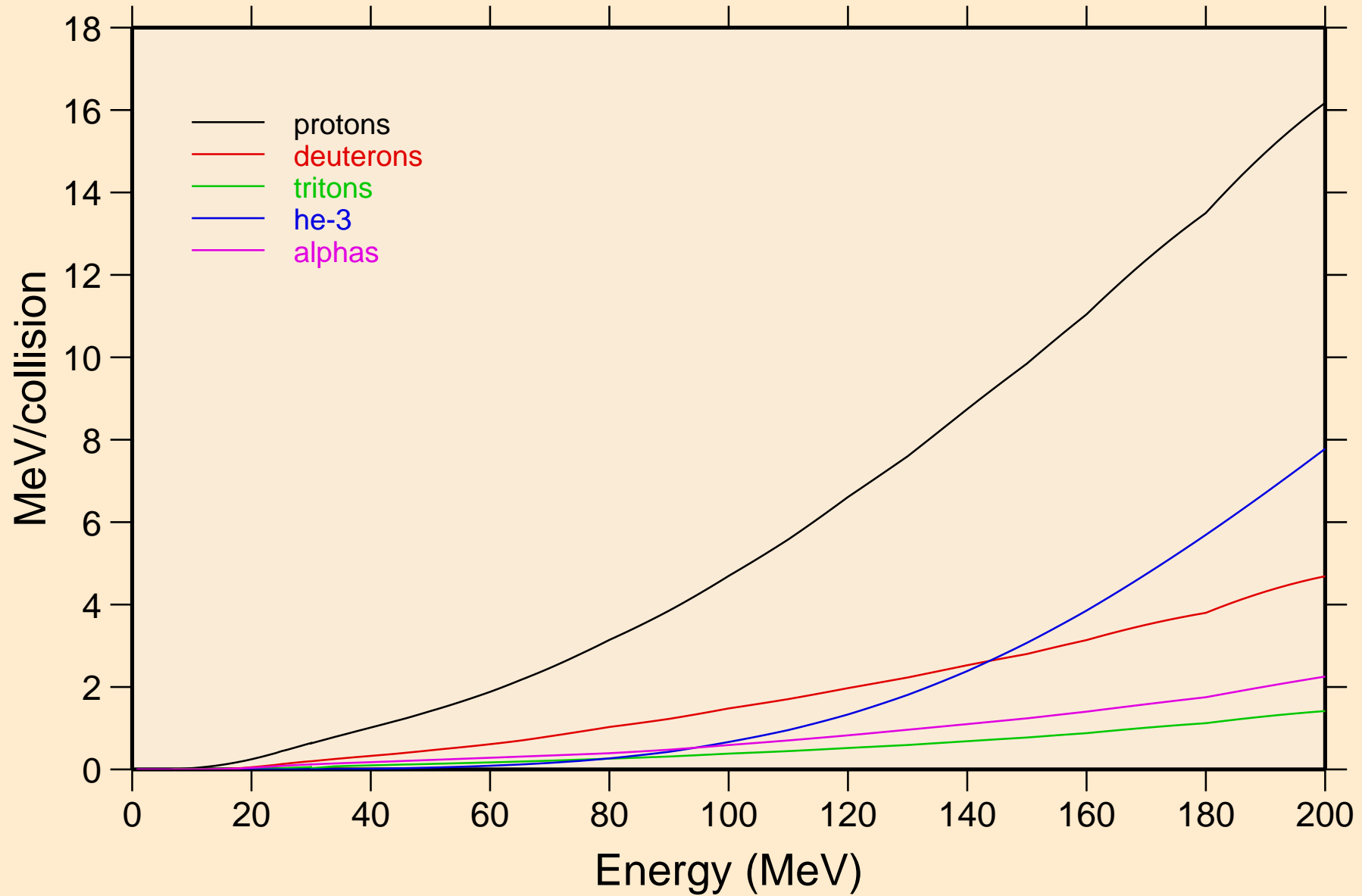


CU068 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



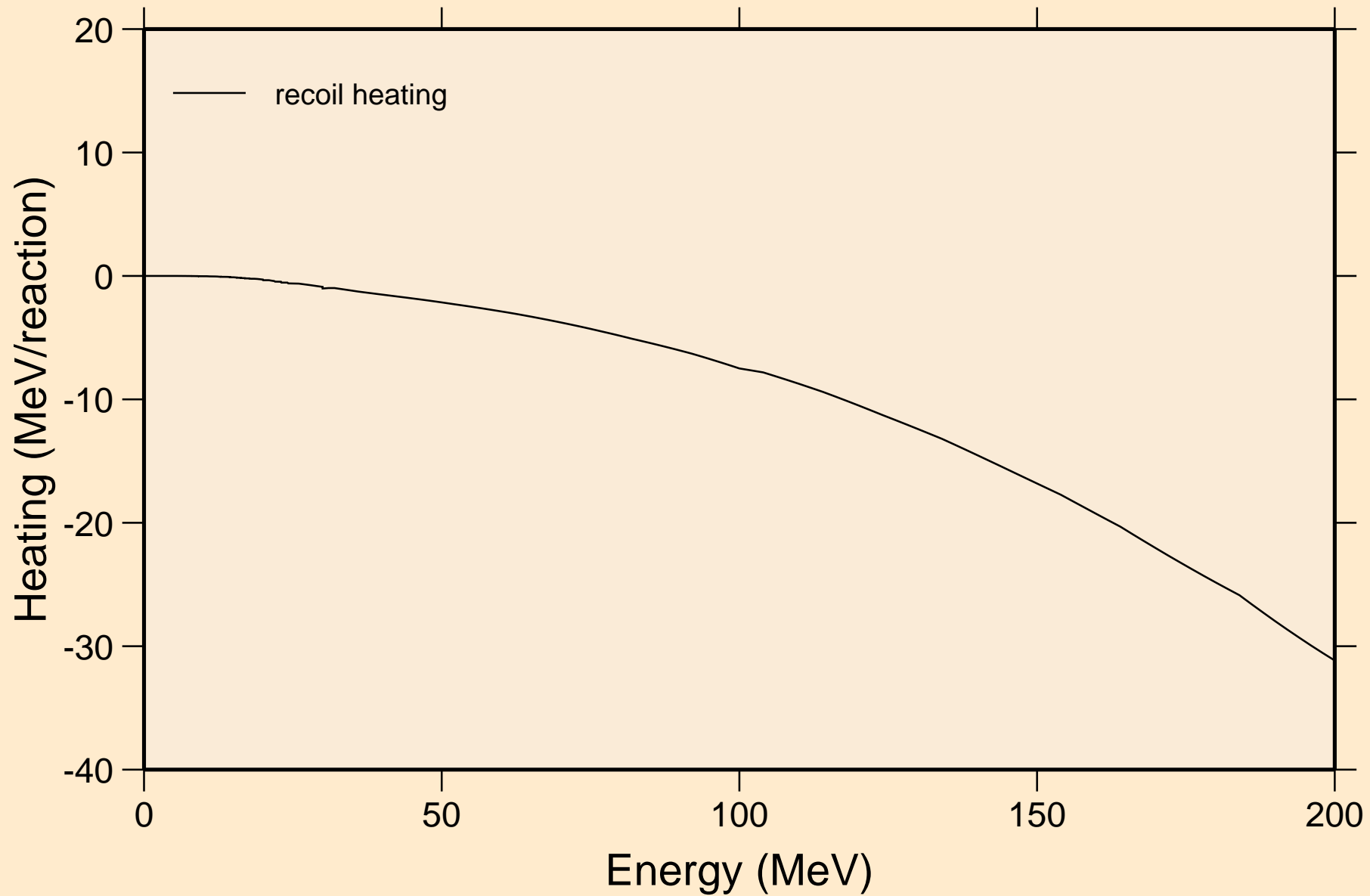
# CU068 NRG TENDL-2015, AKONING

## Particle heating contributions



# CU068 NRG TENDL-2015, AKONING

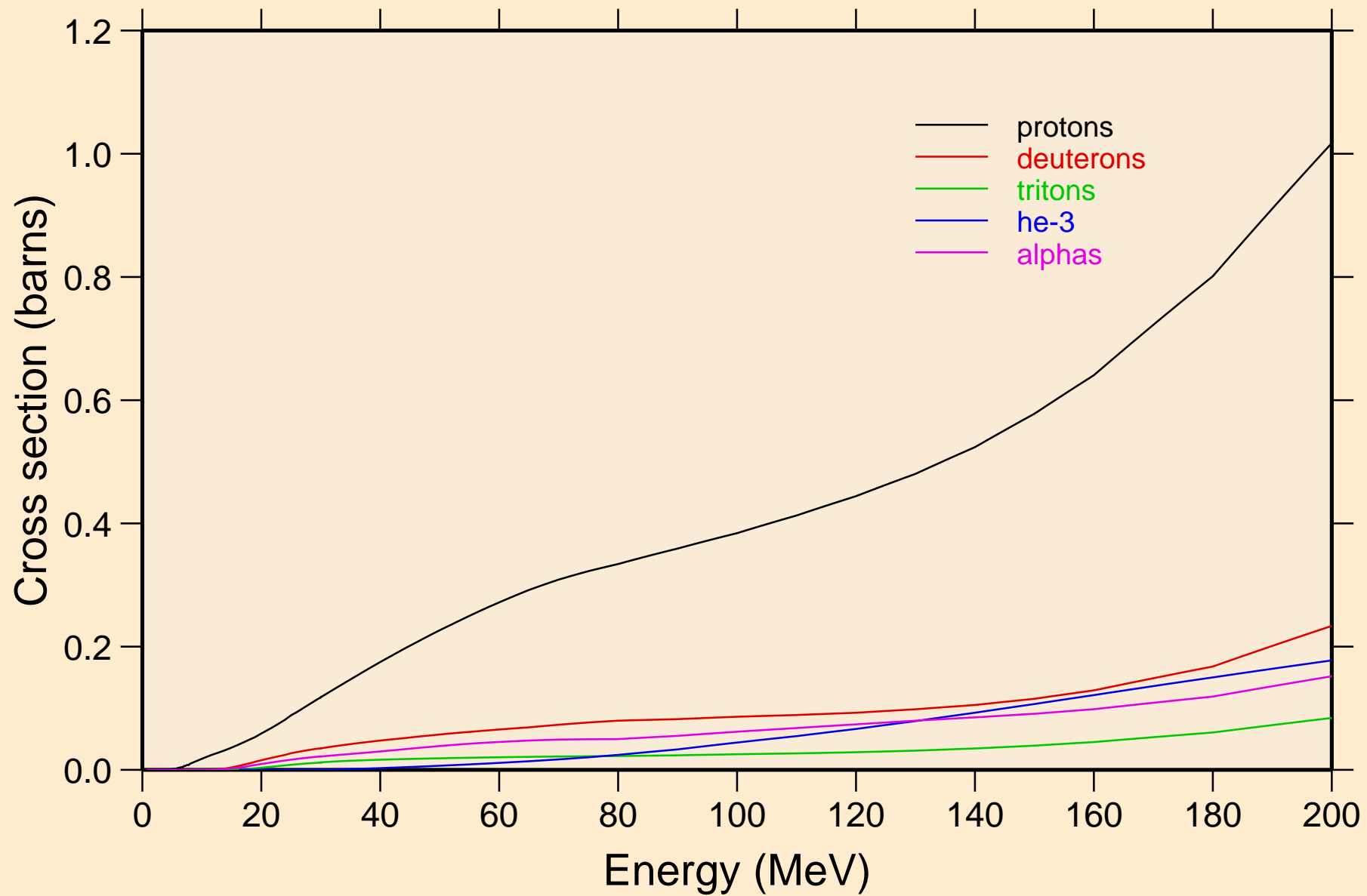
## Recoil Heating



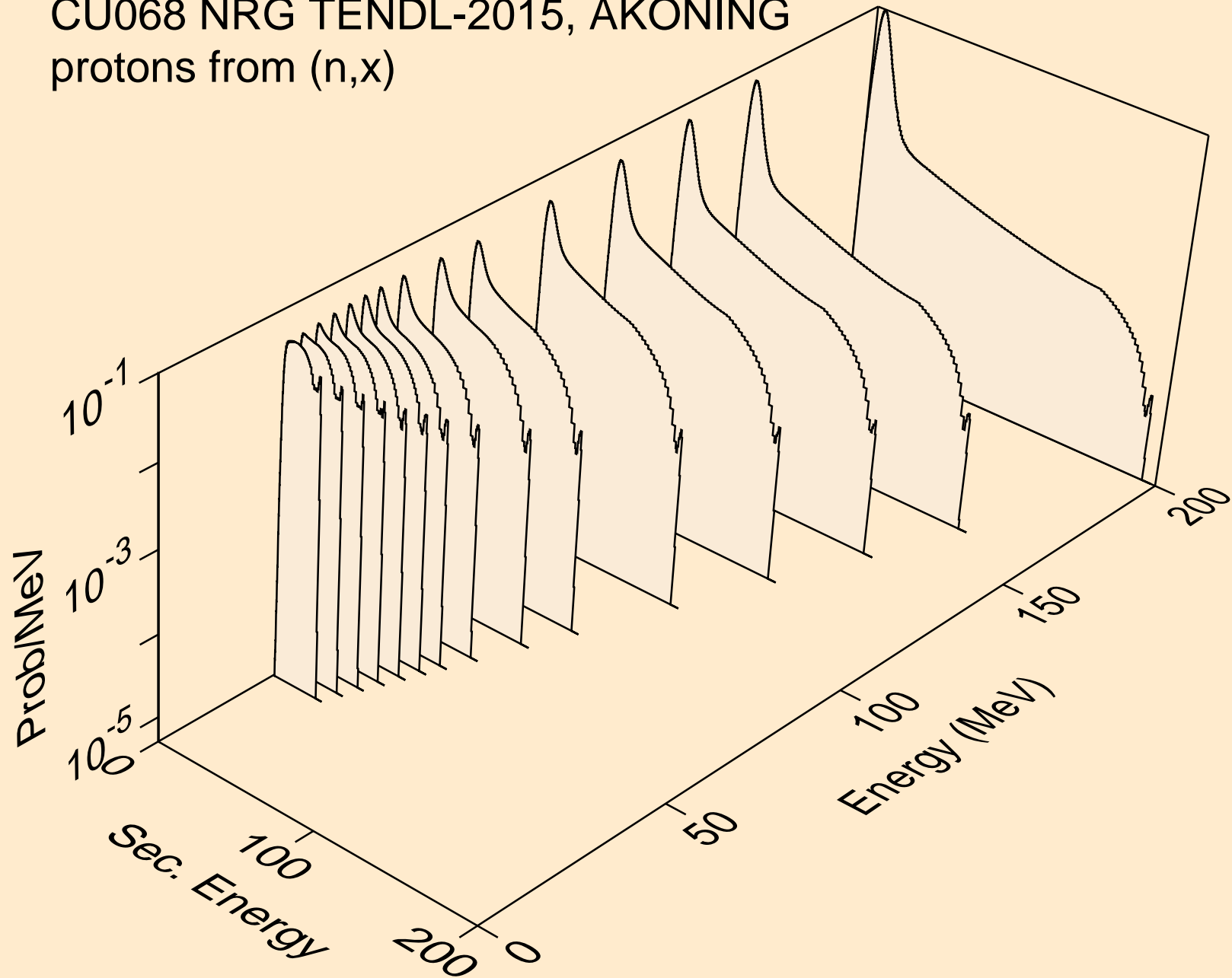


# CU068 NRG TENDL-2015, AKONING

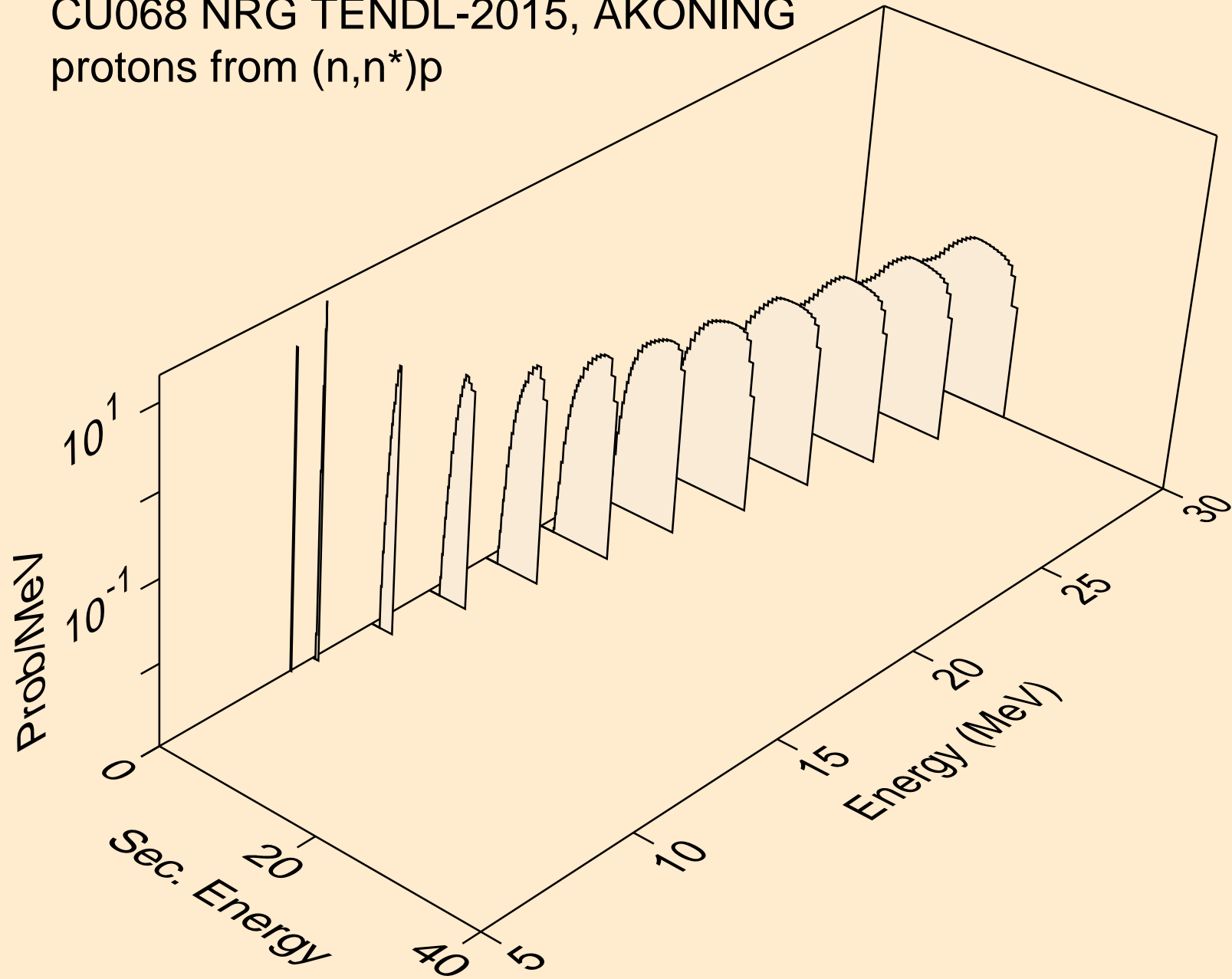
## Particle production cross sections



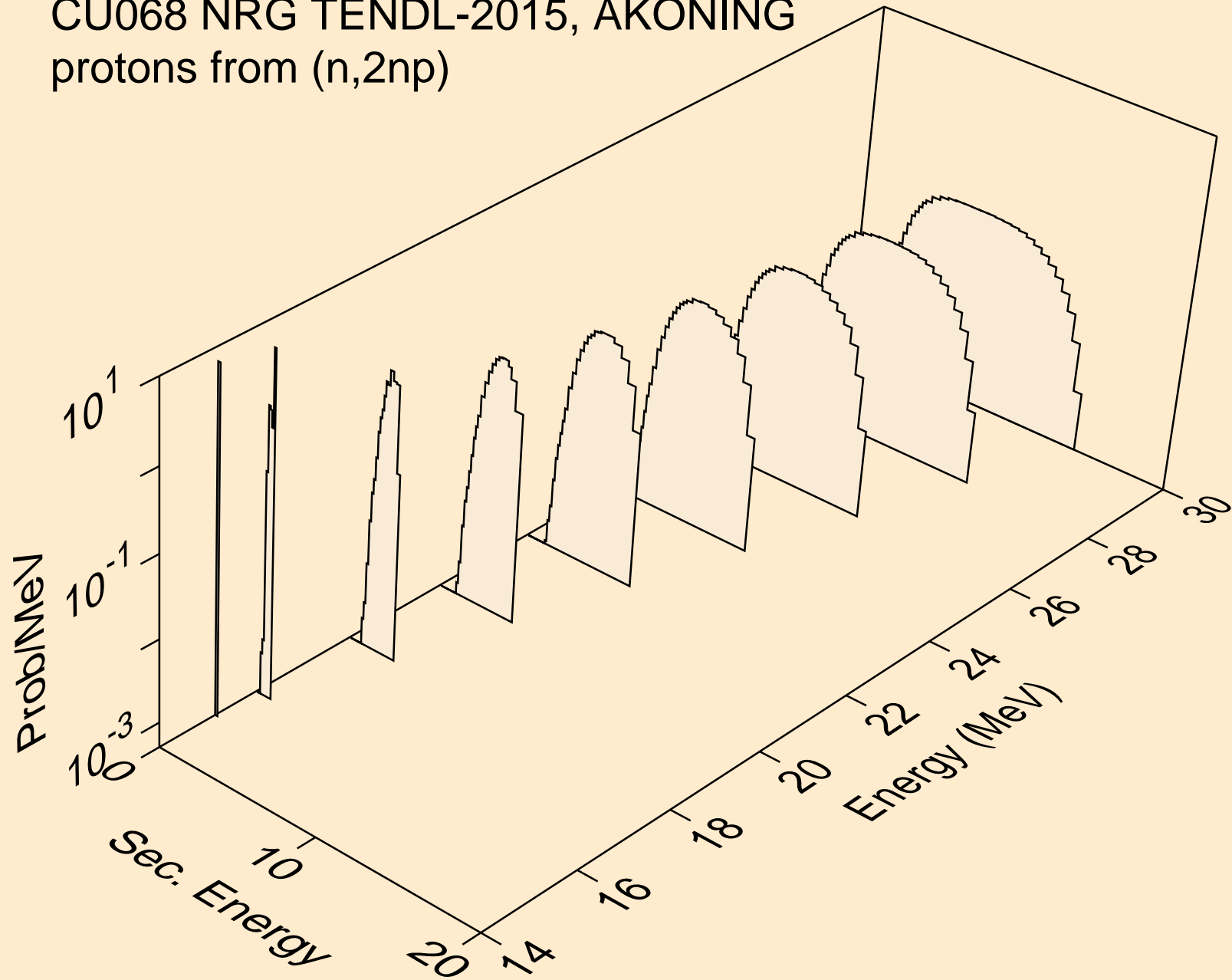
CU068 NRG TENDL-2015, AKONING  
protons from (n,x)



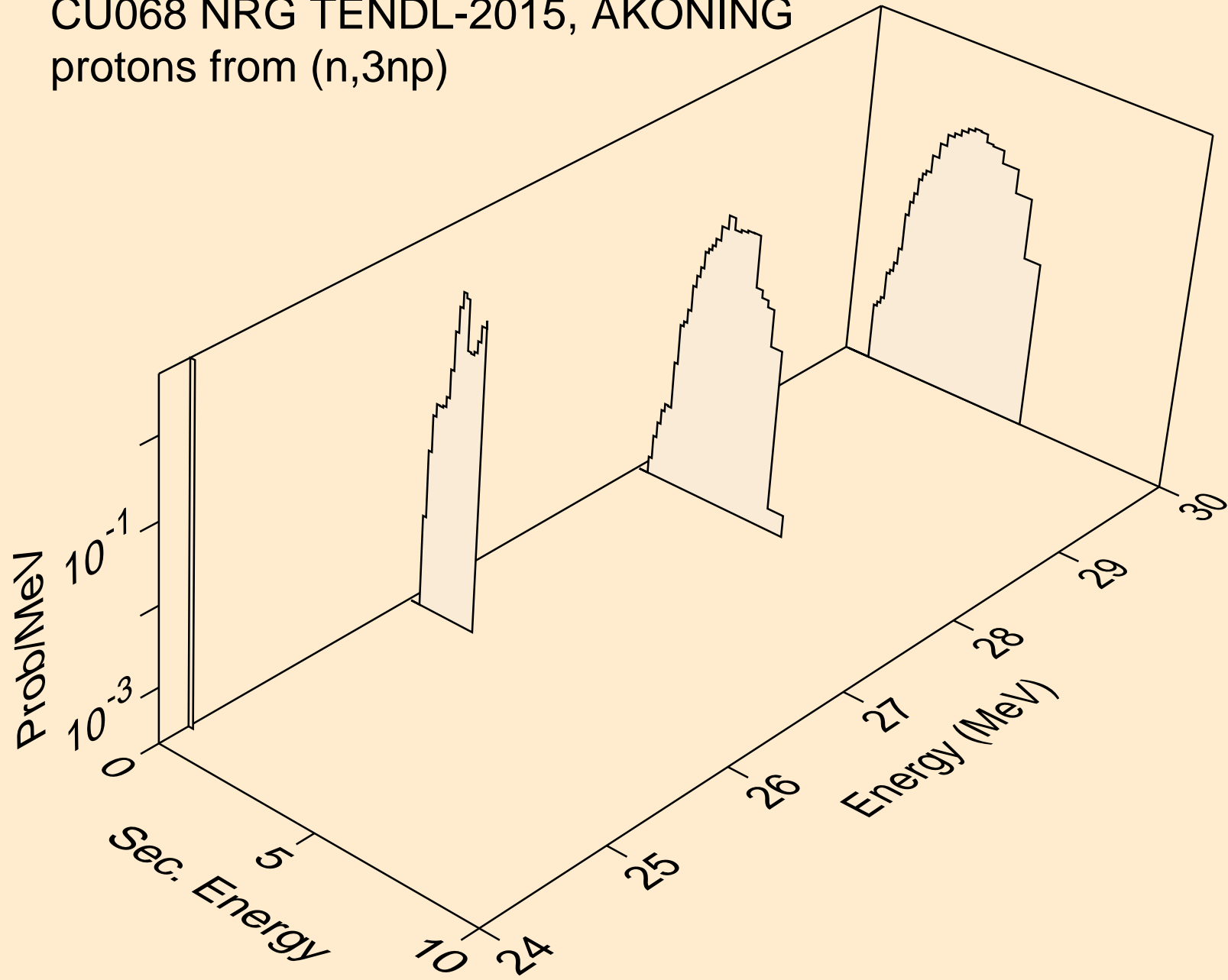
CU068 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



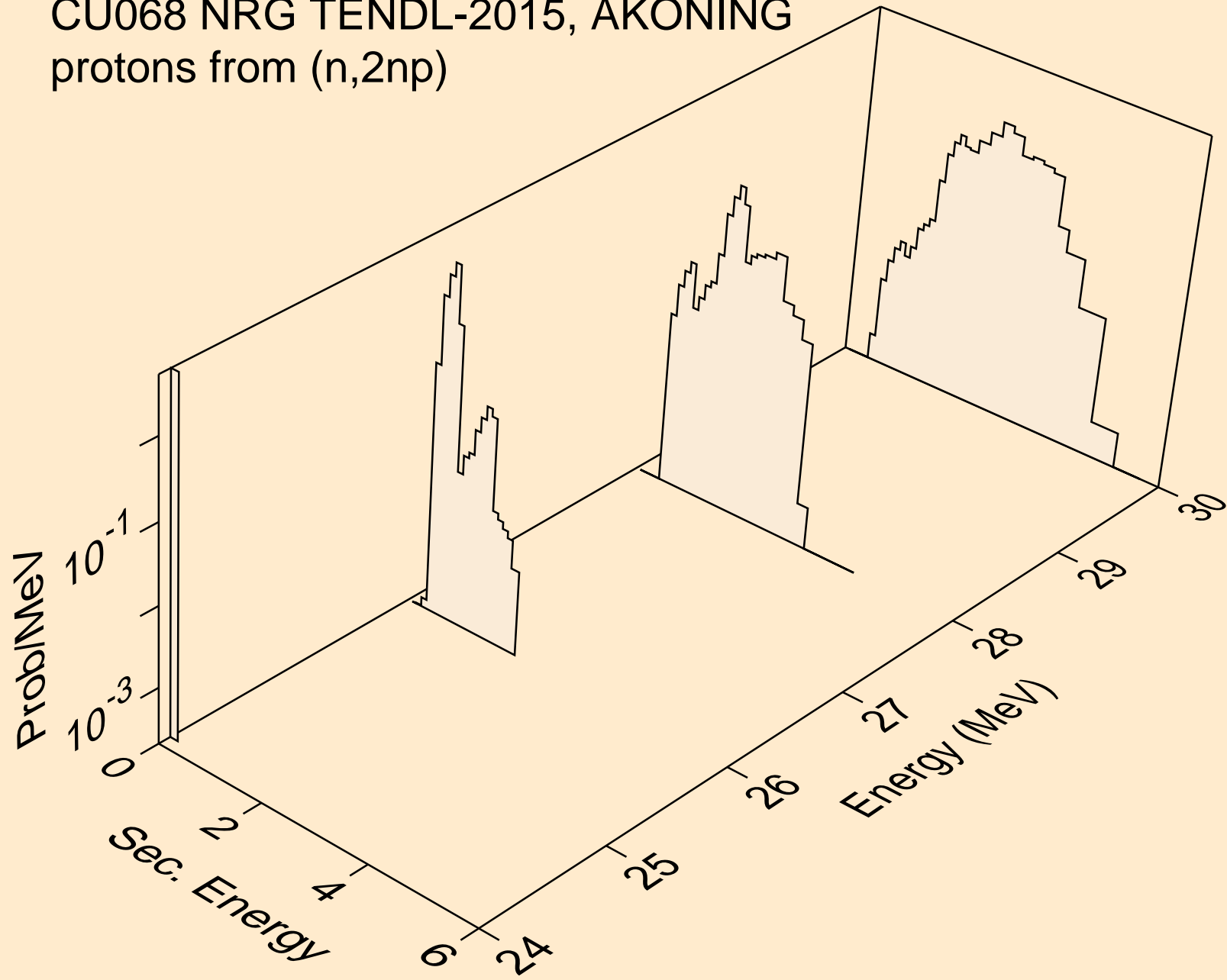
CU068 NRG TENDL-2015, AKONING  
protons from (n,2np)



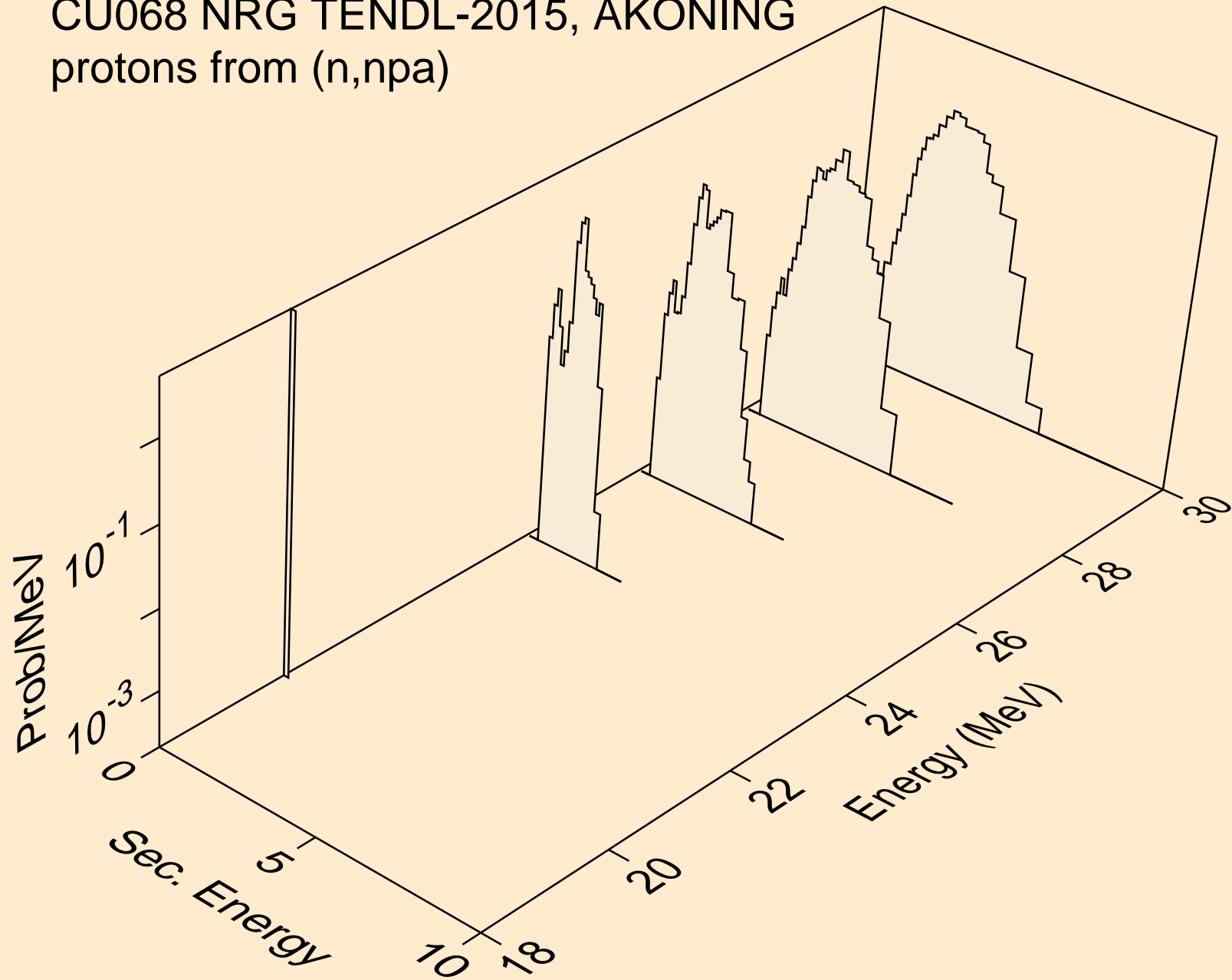
CU068 NRG TENDL-2015, AKONING  
protons from (n,3np)



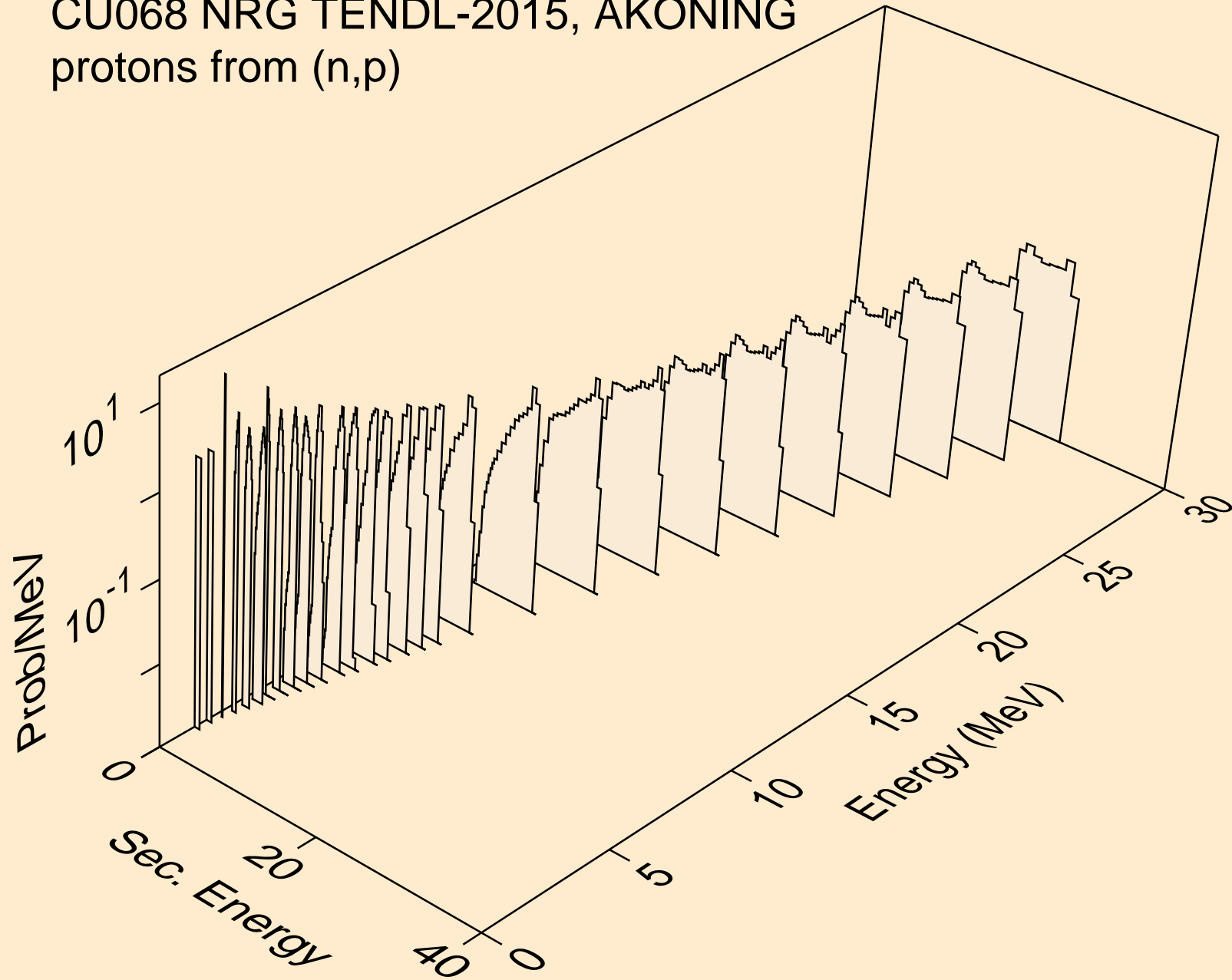
CU068 NRG TENDL-2015, AKONING  
protons from (n,2np)



CU068 NRG TENDL-2015, AKONING  
protons from (n,npa)

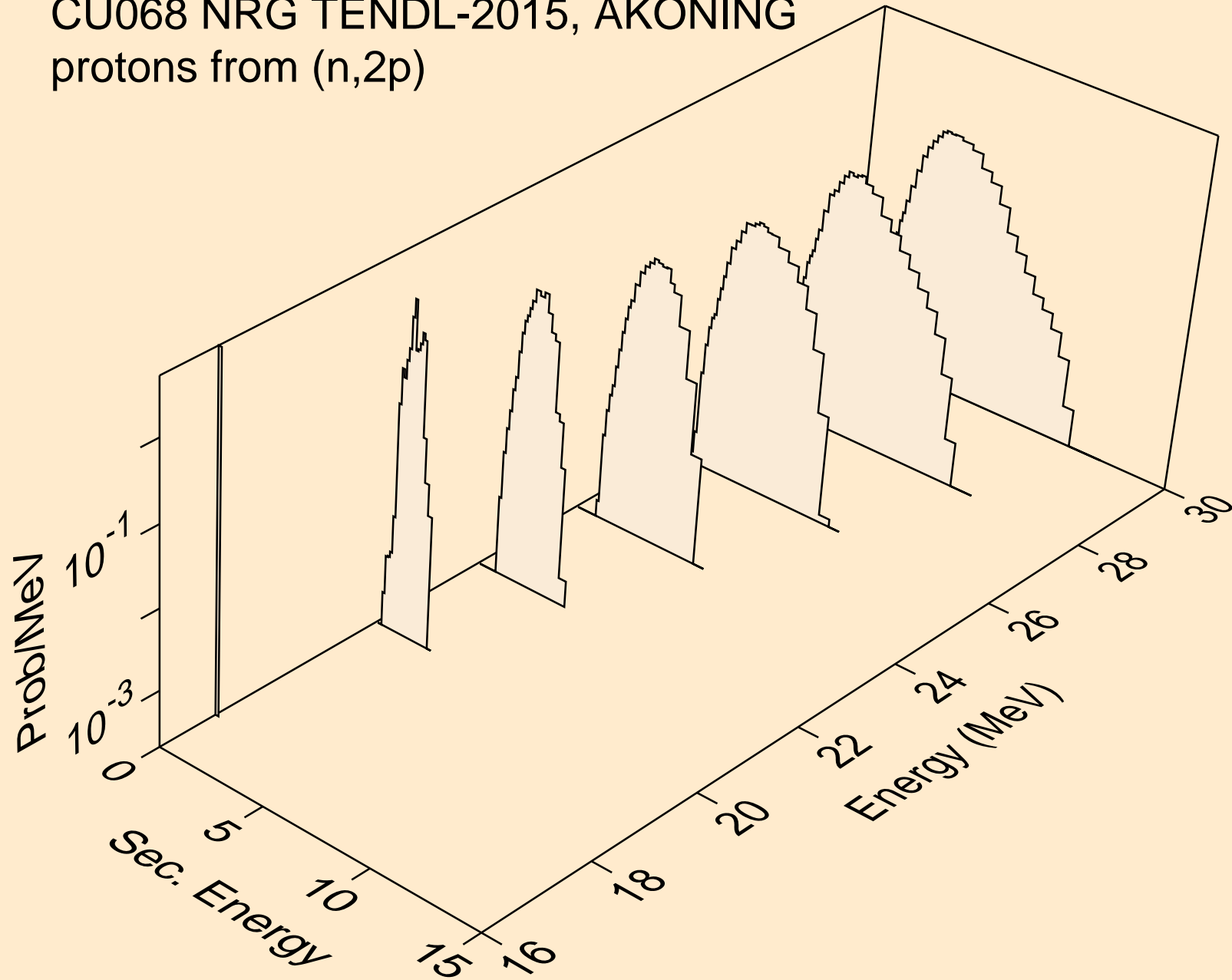


CU068 NRG TENDL-2015, AKONING  
protons from (n,p)

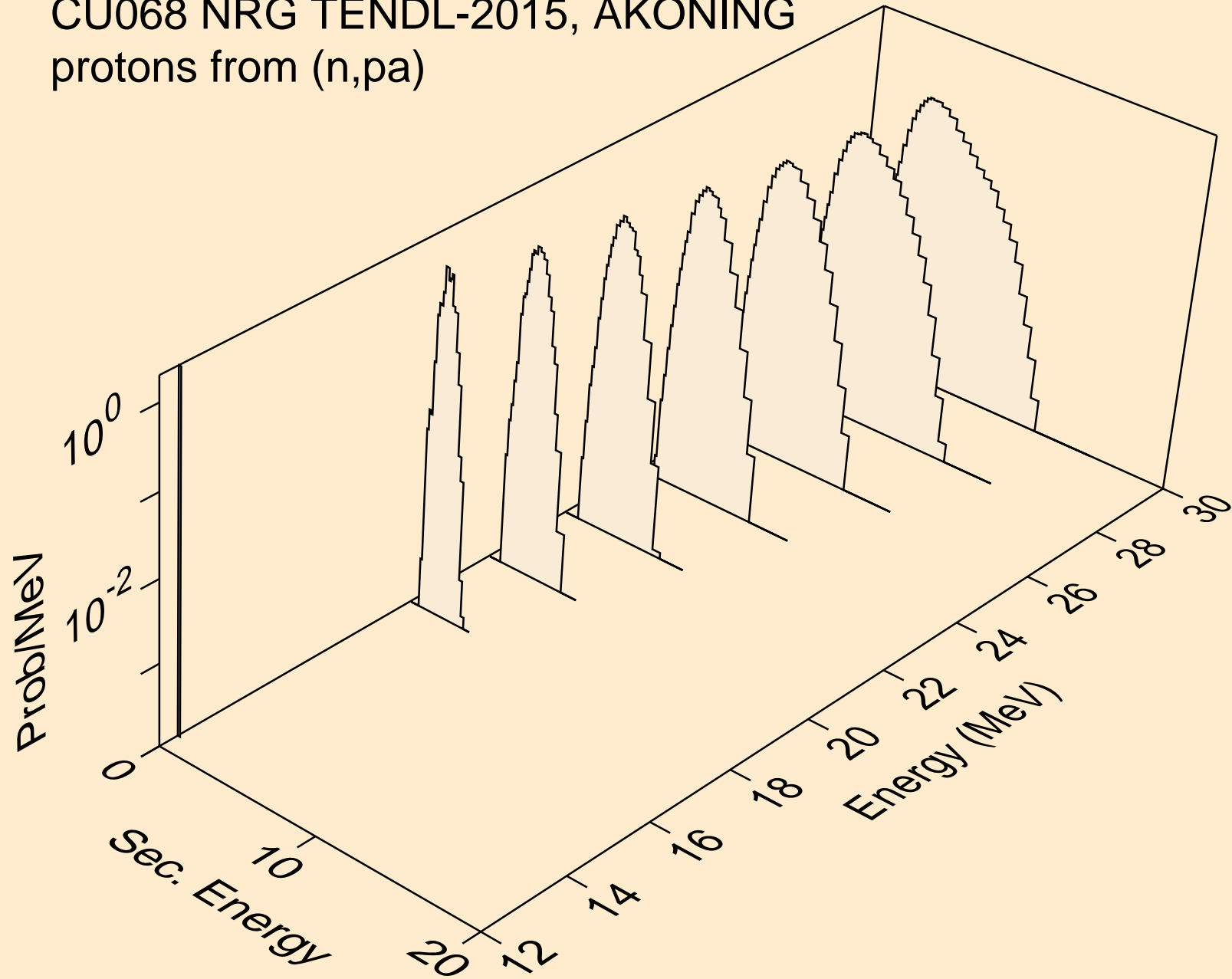




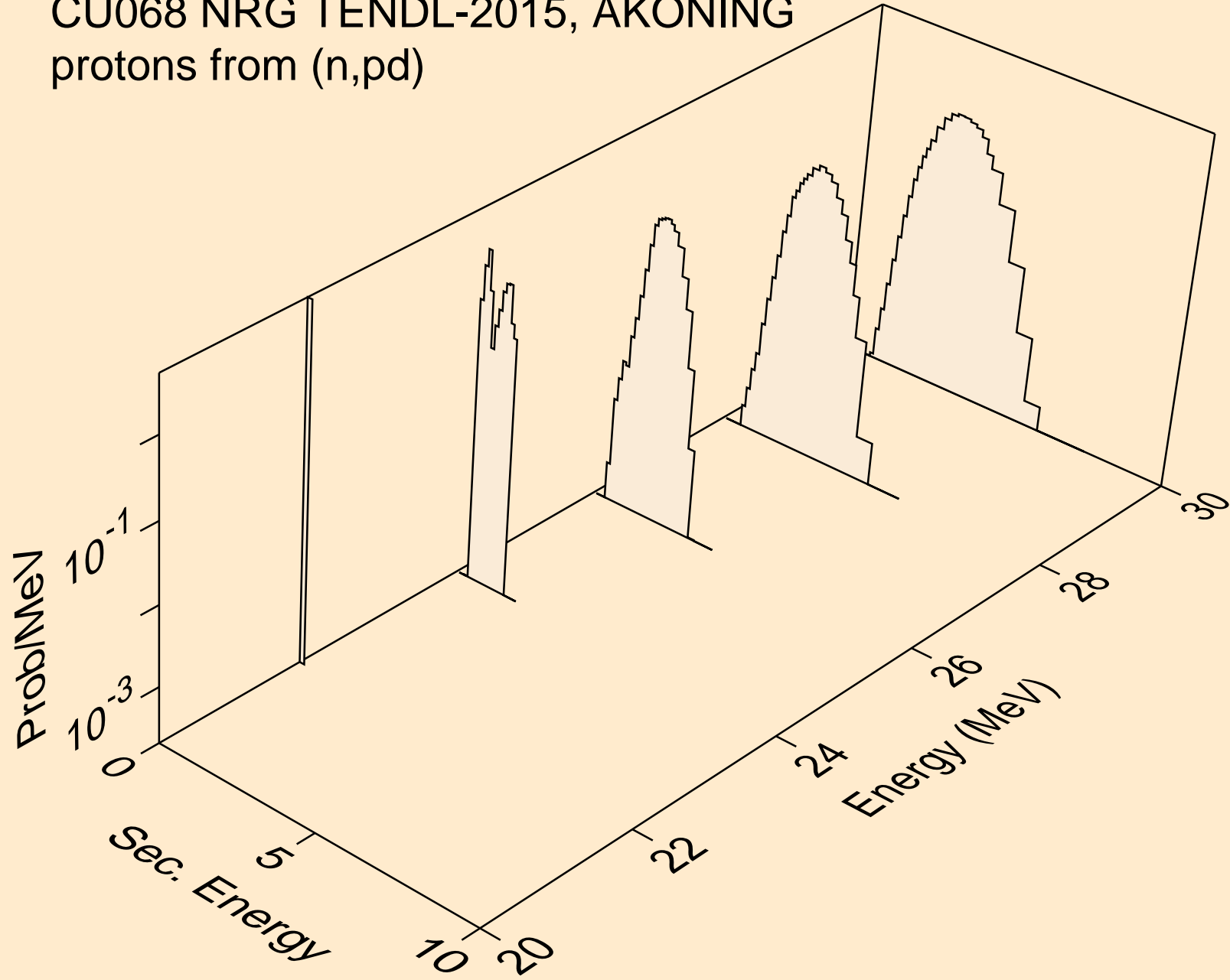
CU068 NRG TENDL-2015, AKONING  
protons from (n,2p)



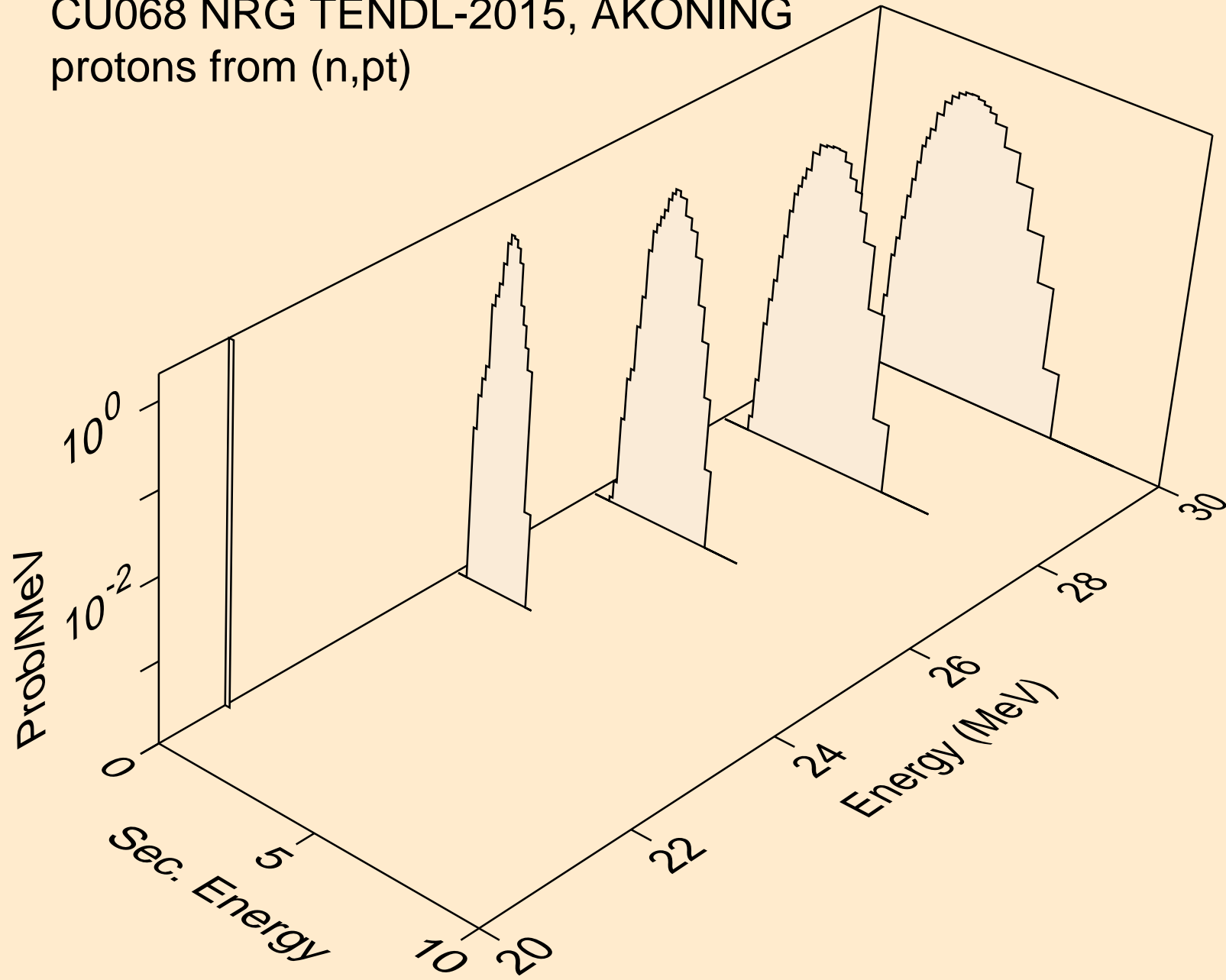
CU068 NRG TENDL-2015, AKONING  
protons from (n,pa)



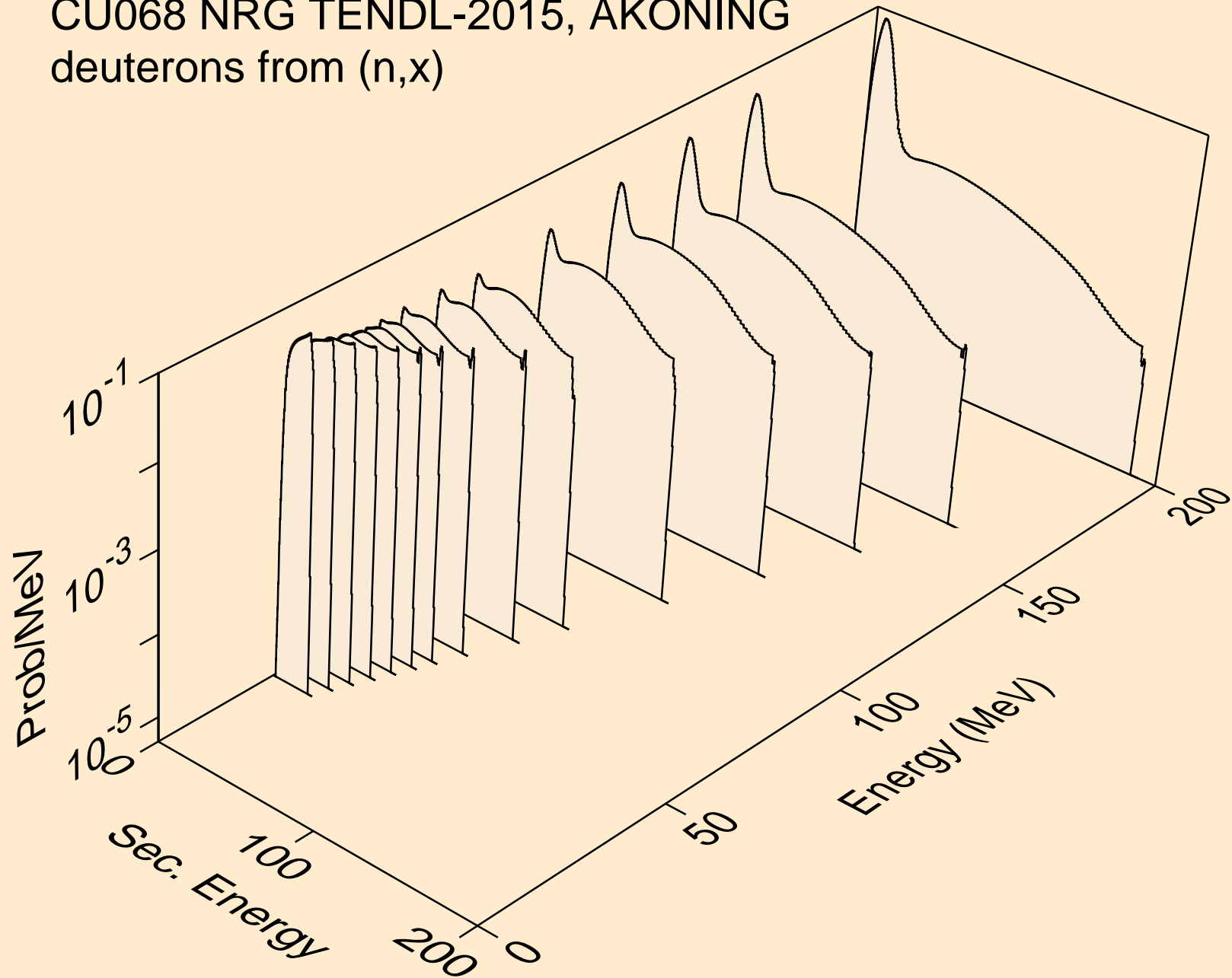
CU068 NRG TENDL-2015, AKONING  
protons from (n,pd)



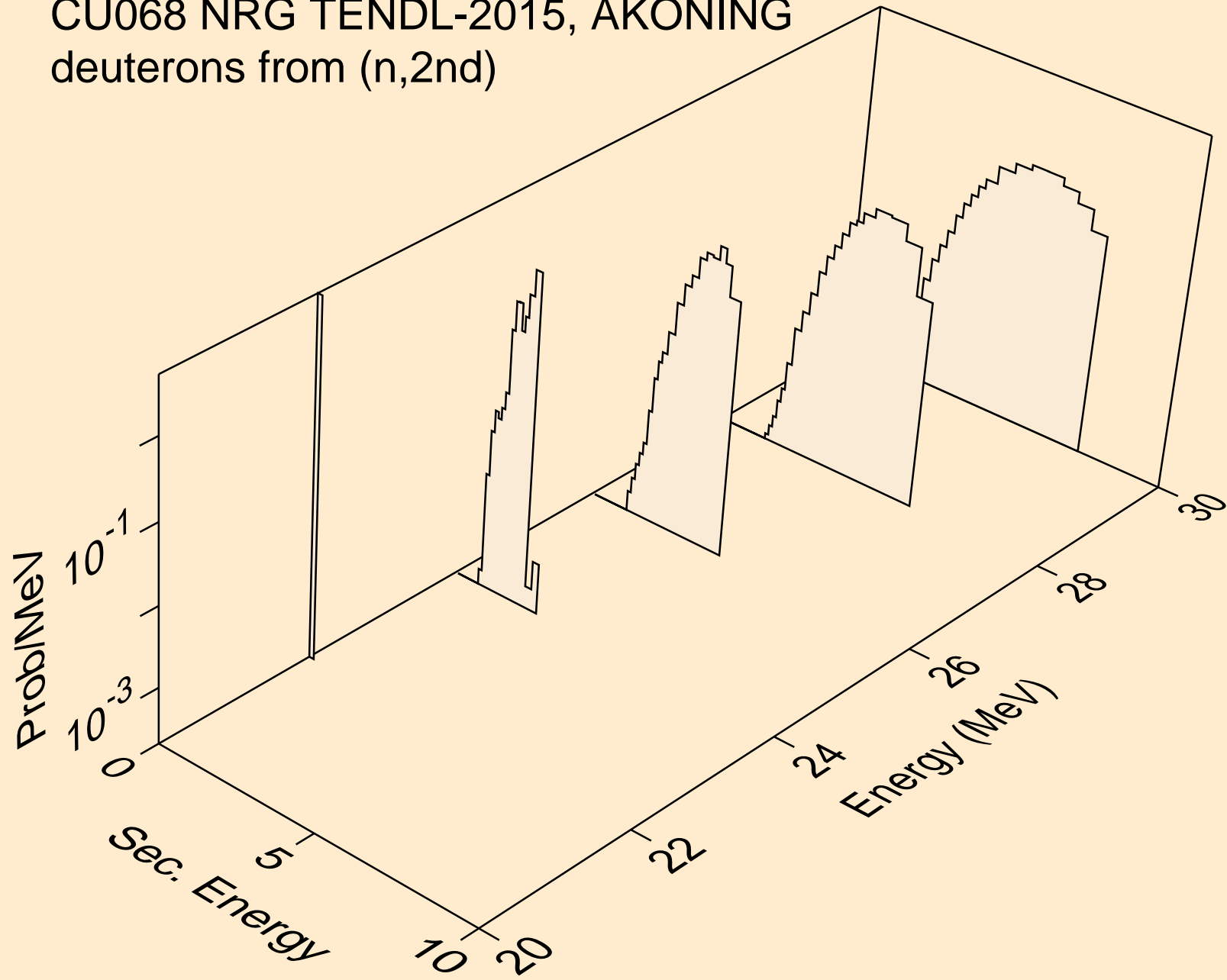
CU068 NRG TENDL-2015, AKONING  
protons from (n,pt)



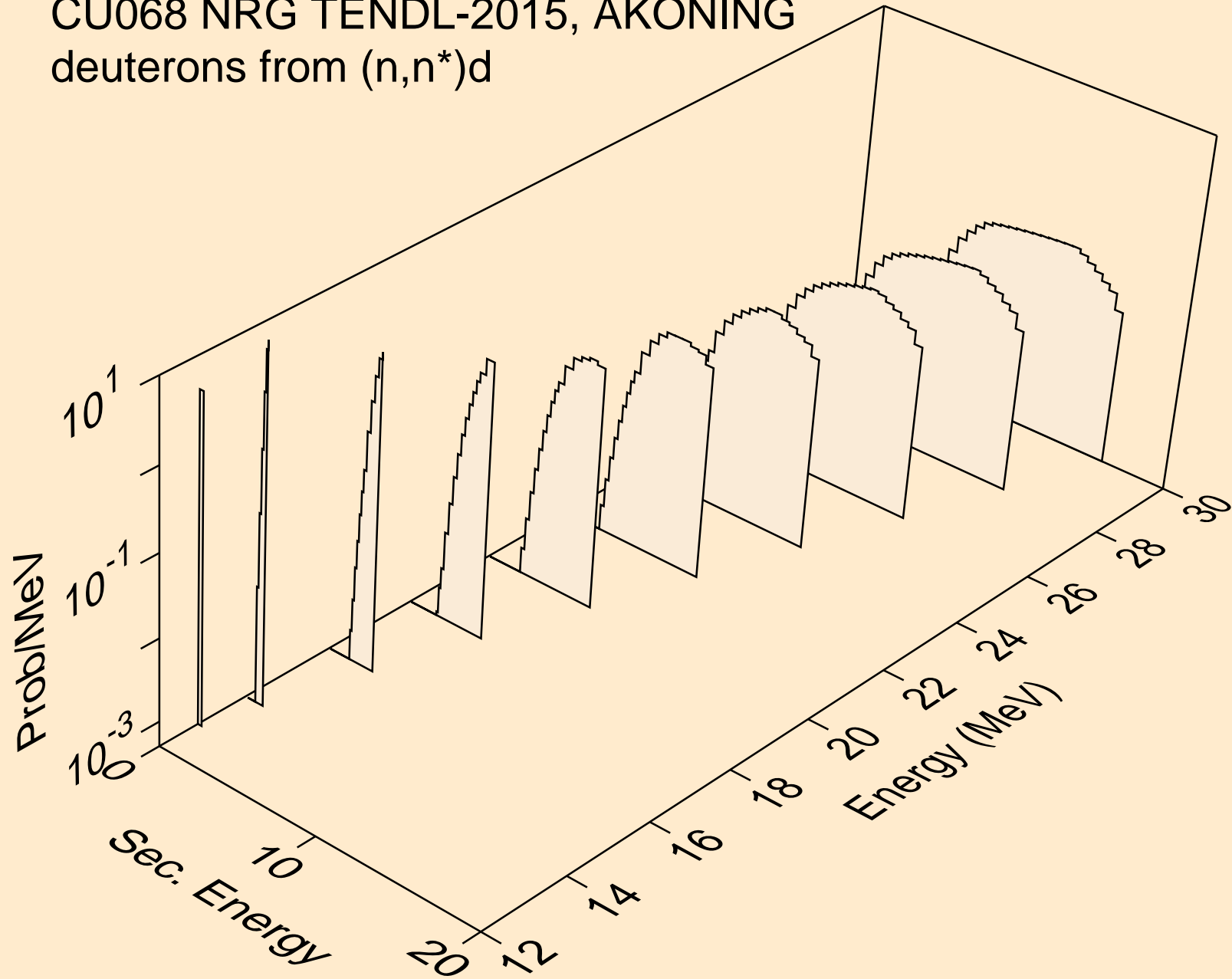
CU068 NRG TENDL-2015, AKONING  
deuterons from (n,x)



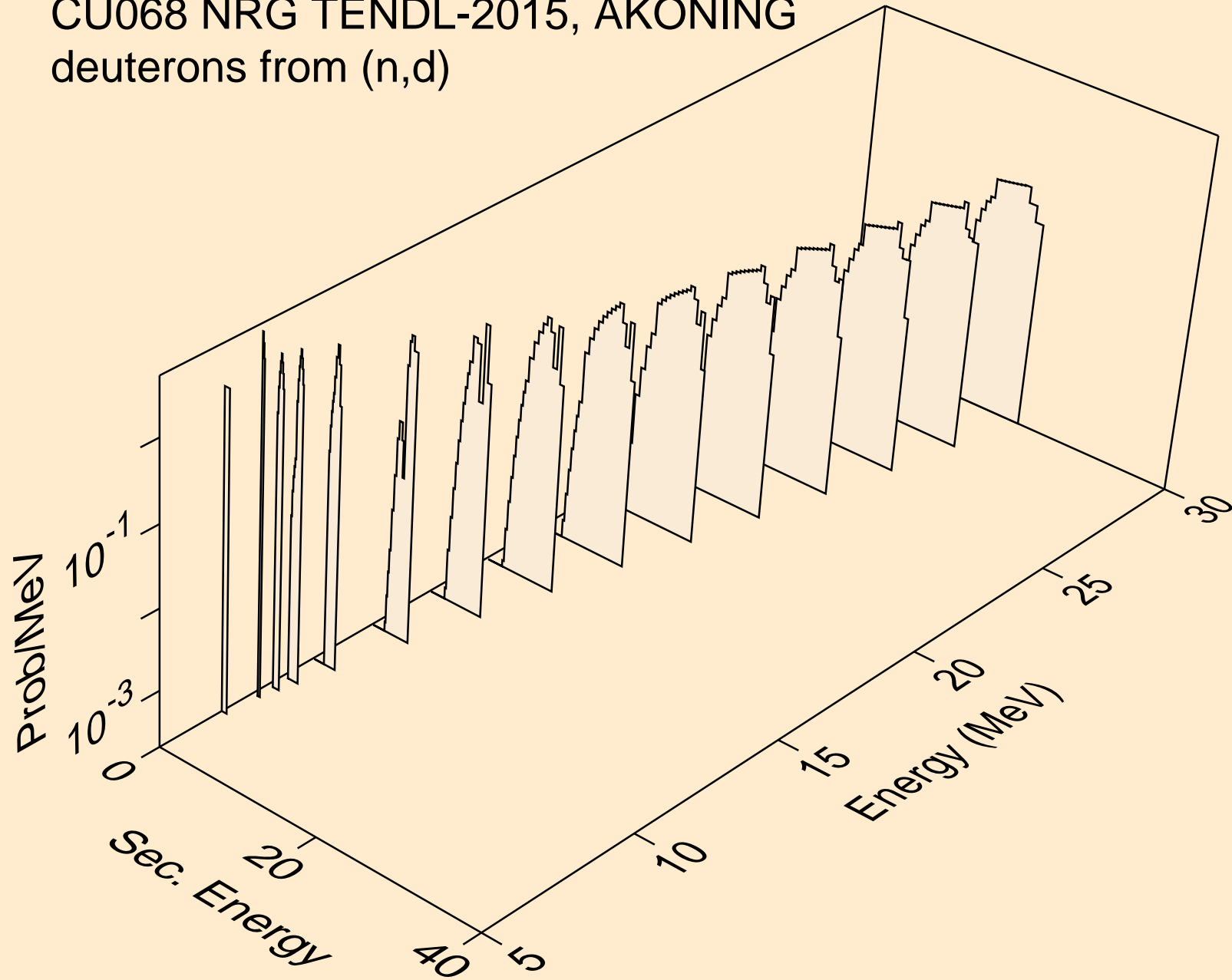
CU068 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



CU068 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

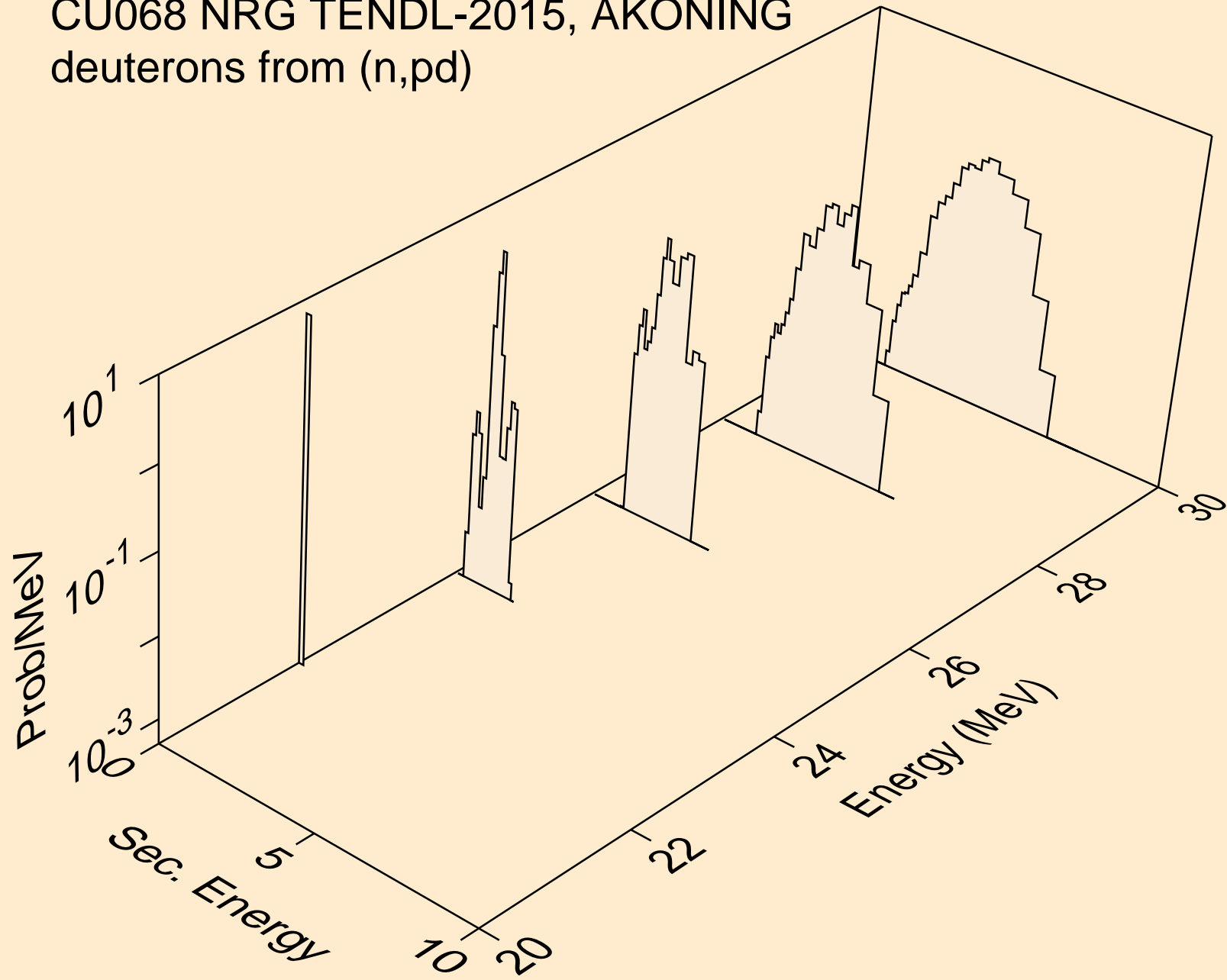


CU068 NRG TENDL-2015, AKONING  
deuterons from (n,d)

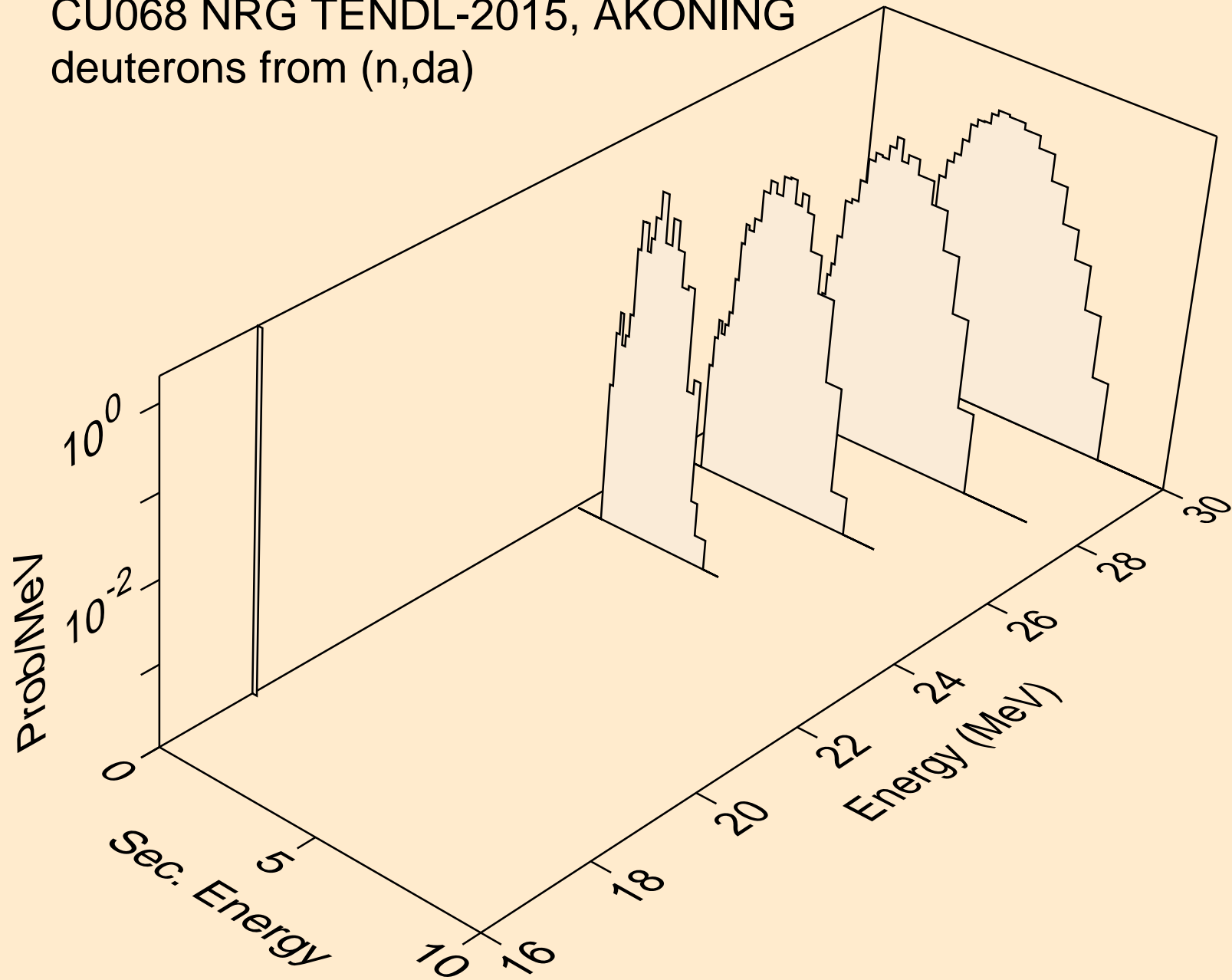




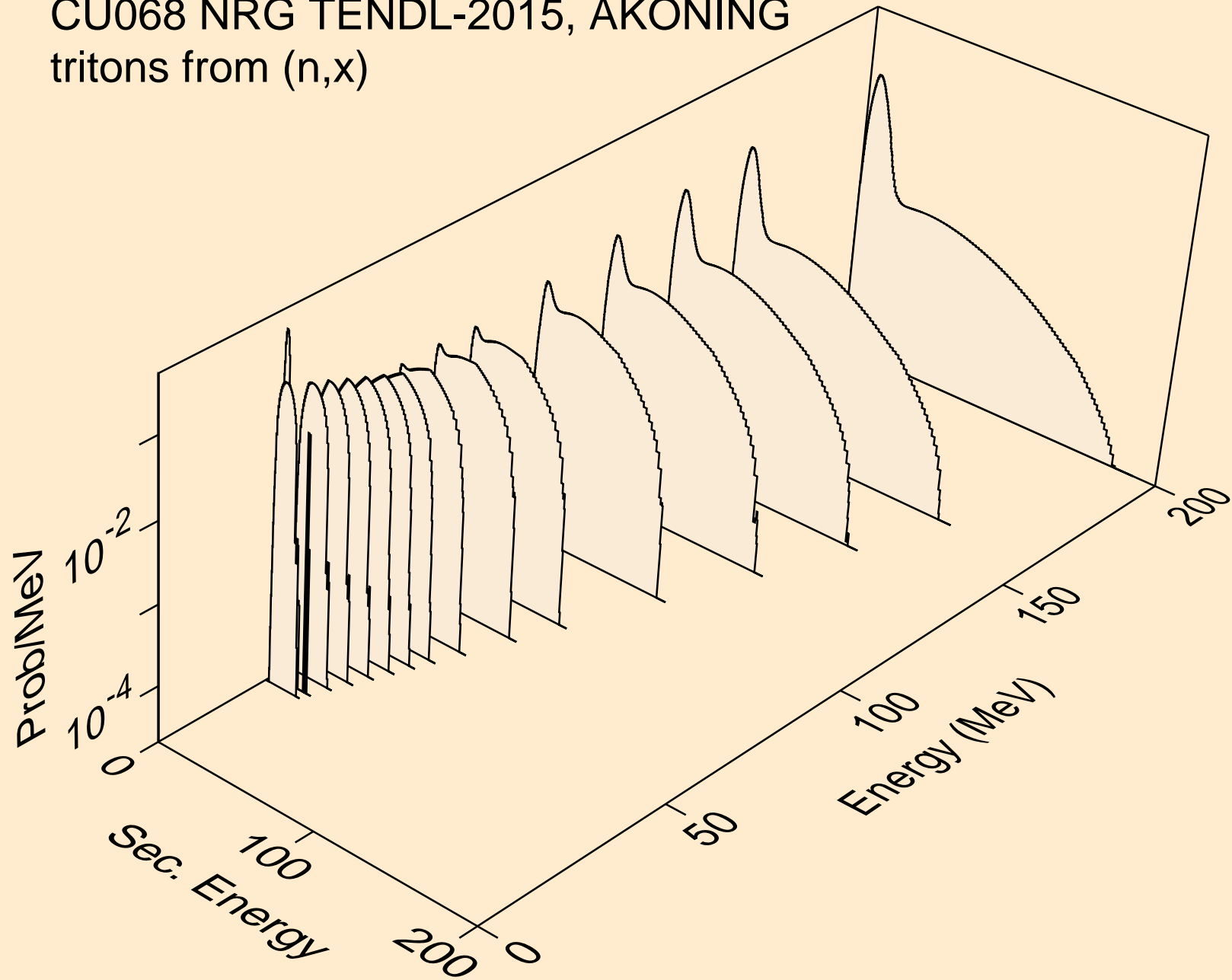
CU068 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



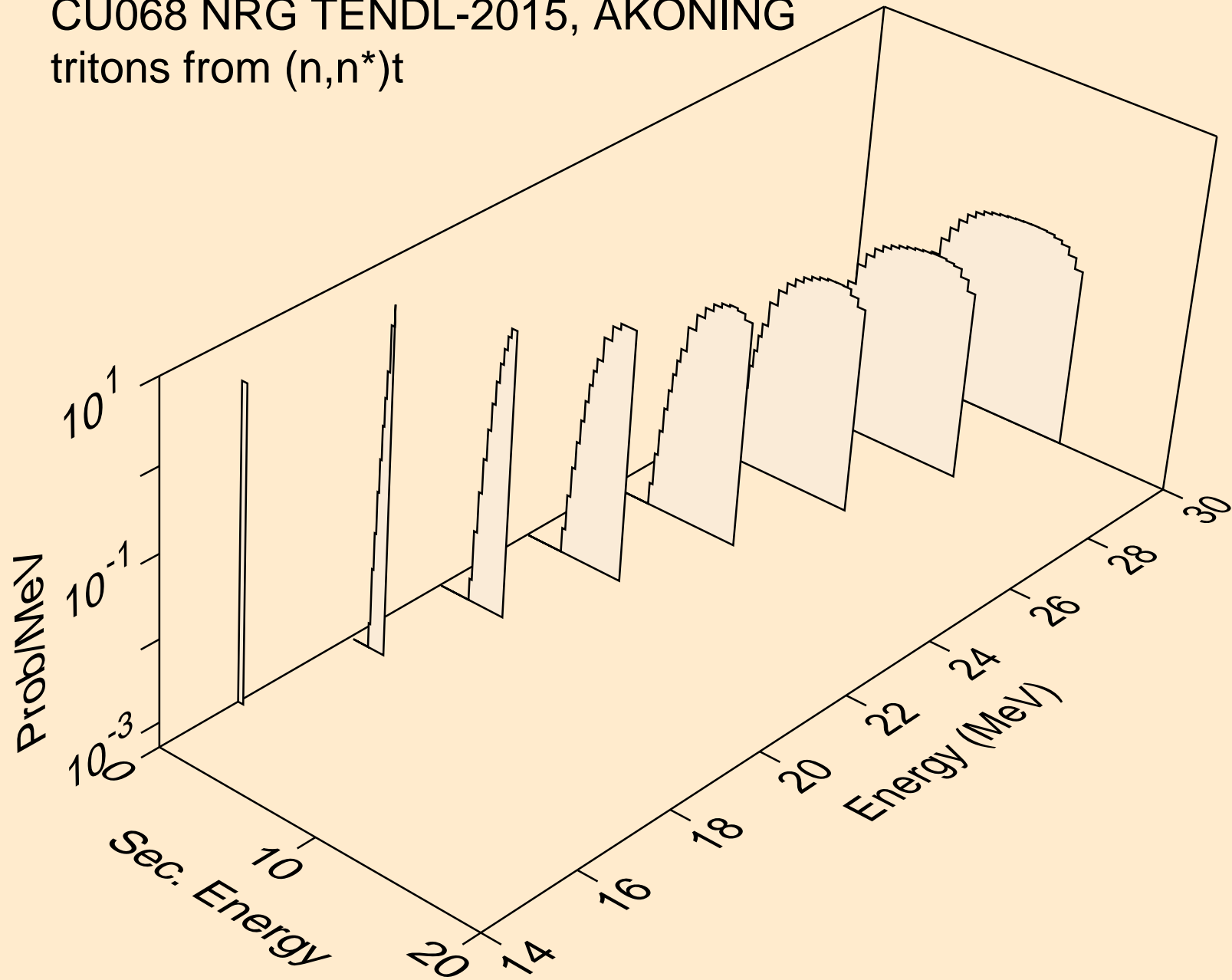
CU068 NRG TENDL-2015, AKONING  
deuterons from (n,da)



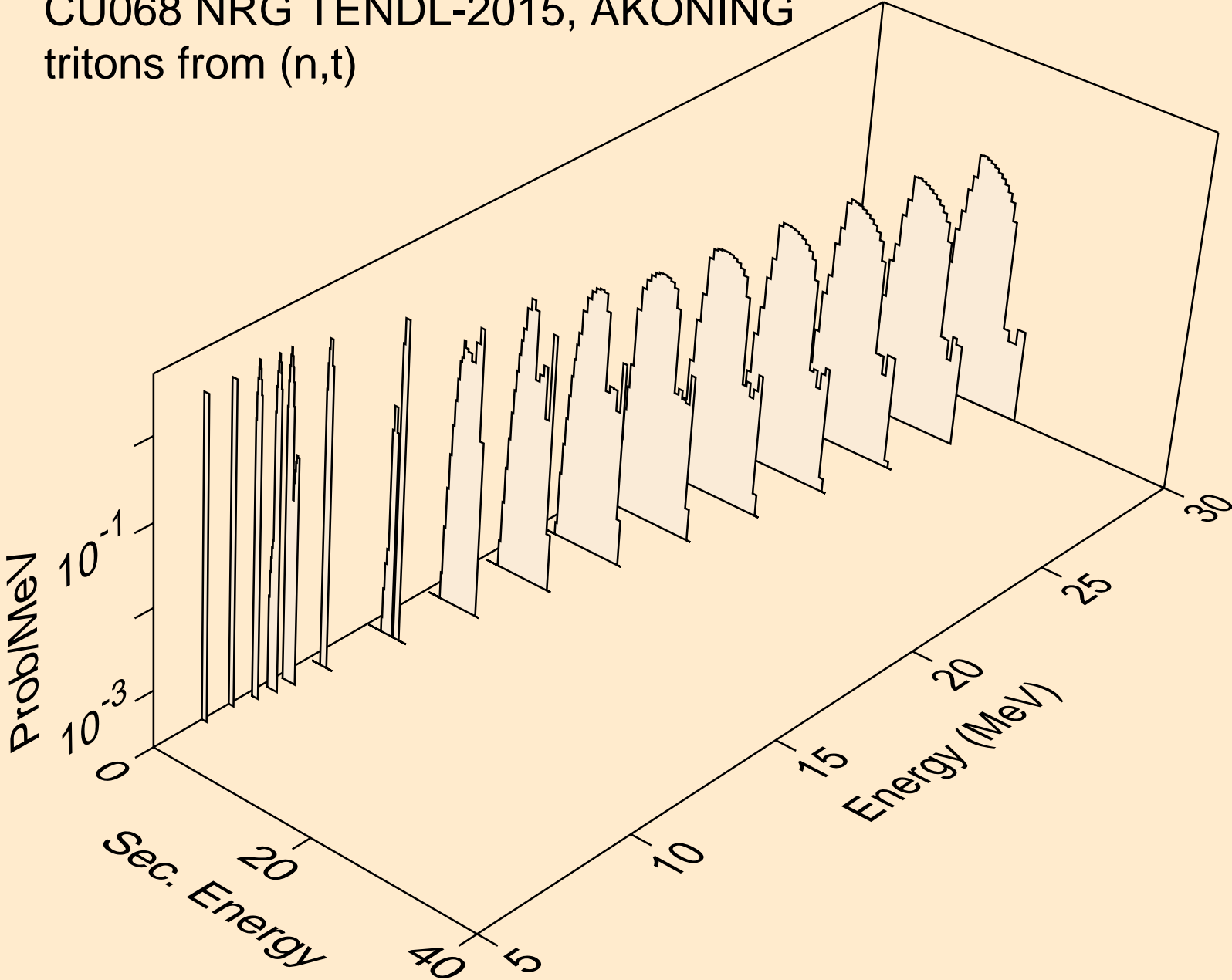
CU068 NRG TENDL-2015, AKONING  
tritons from (n,x)



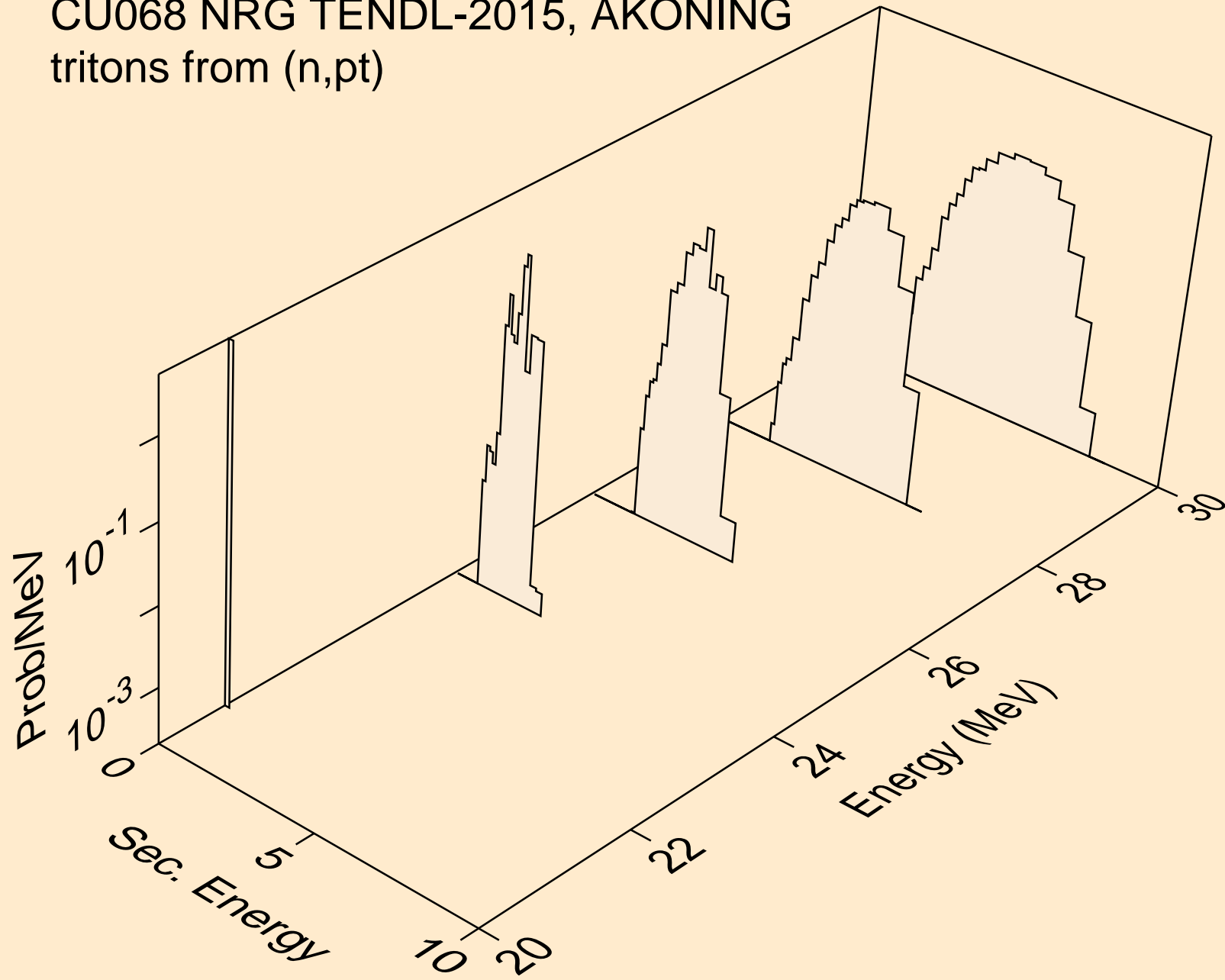
CU068 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



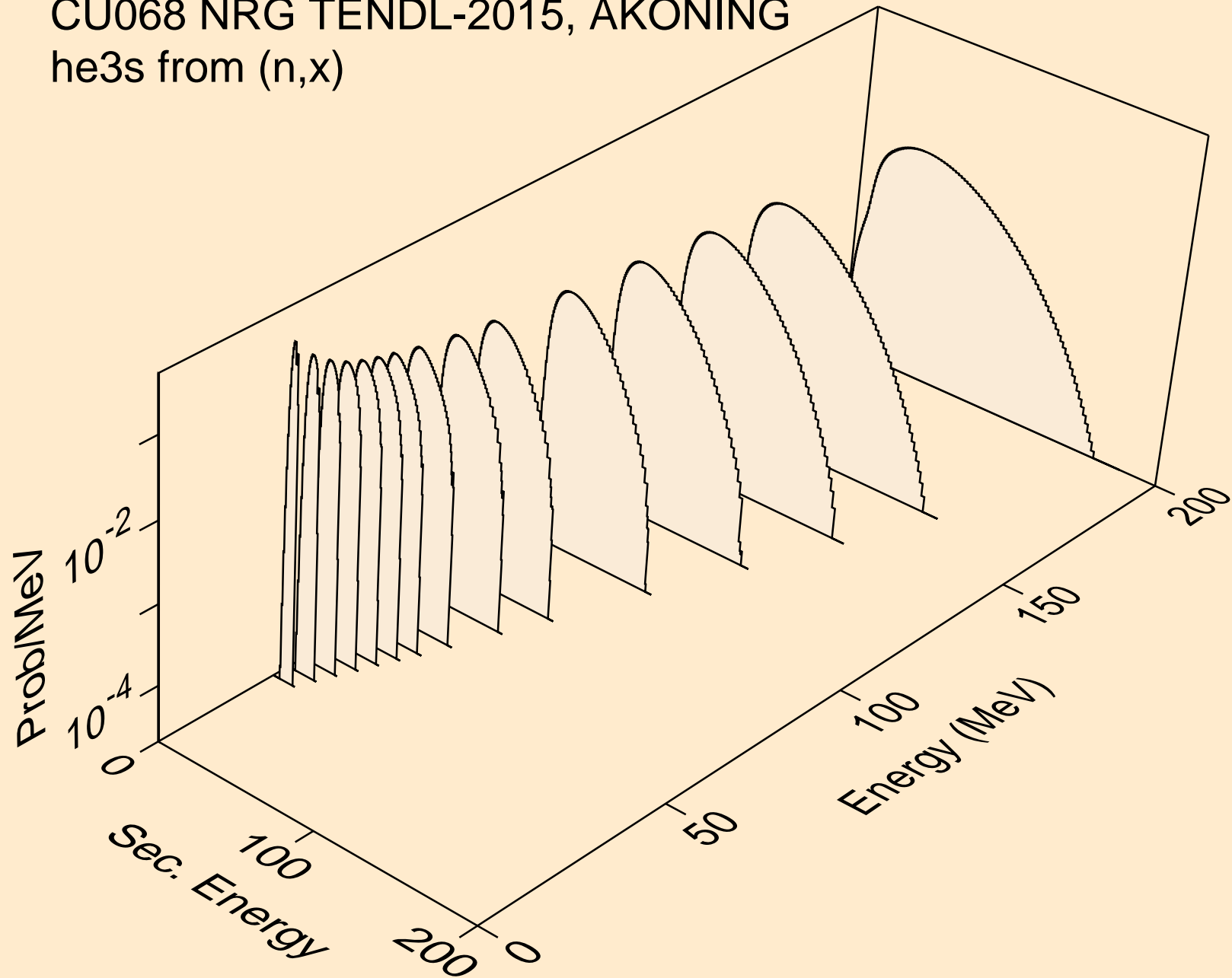
CU068 NRG TENDL-2015, AKONING  
tritons from (n,t)



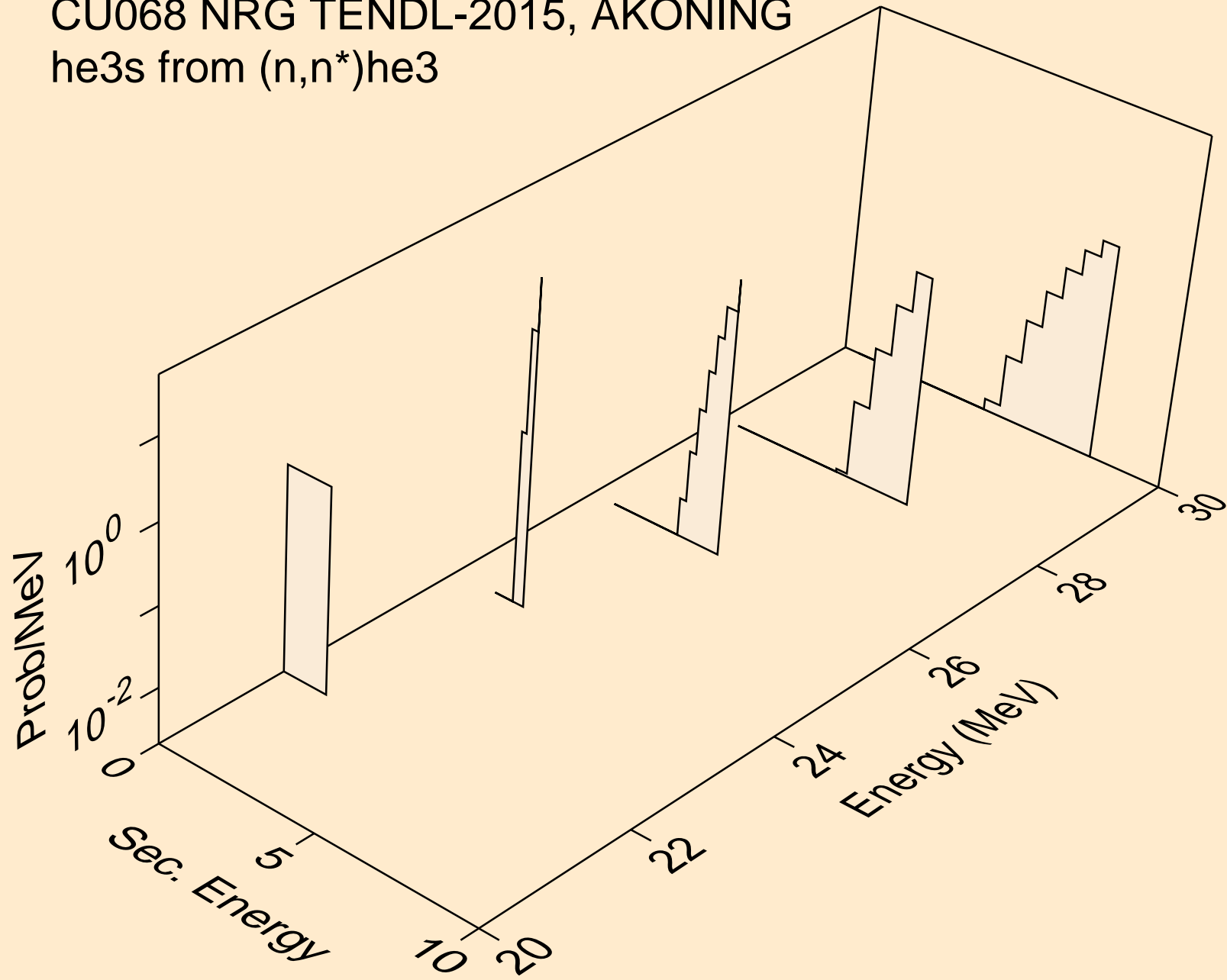
CU068 NRG TENDL-2015, AKONING  
tritons from (n,pt)



CU068 NRG TENDL-2015, AKONING  
he3s from (n,x)

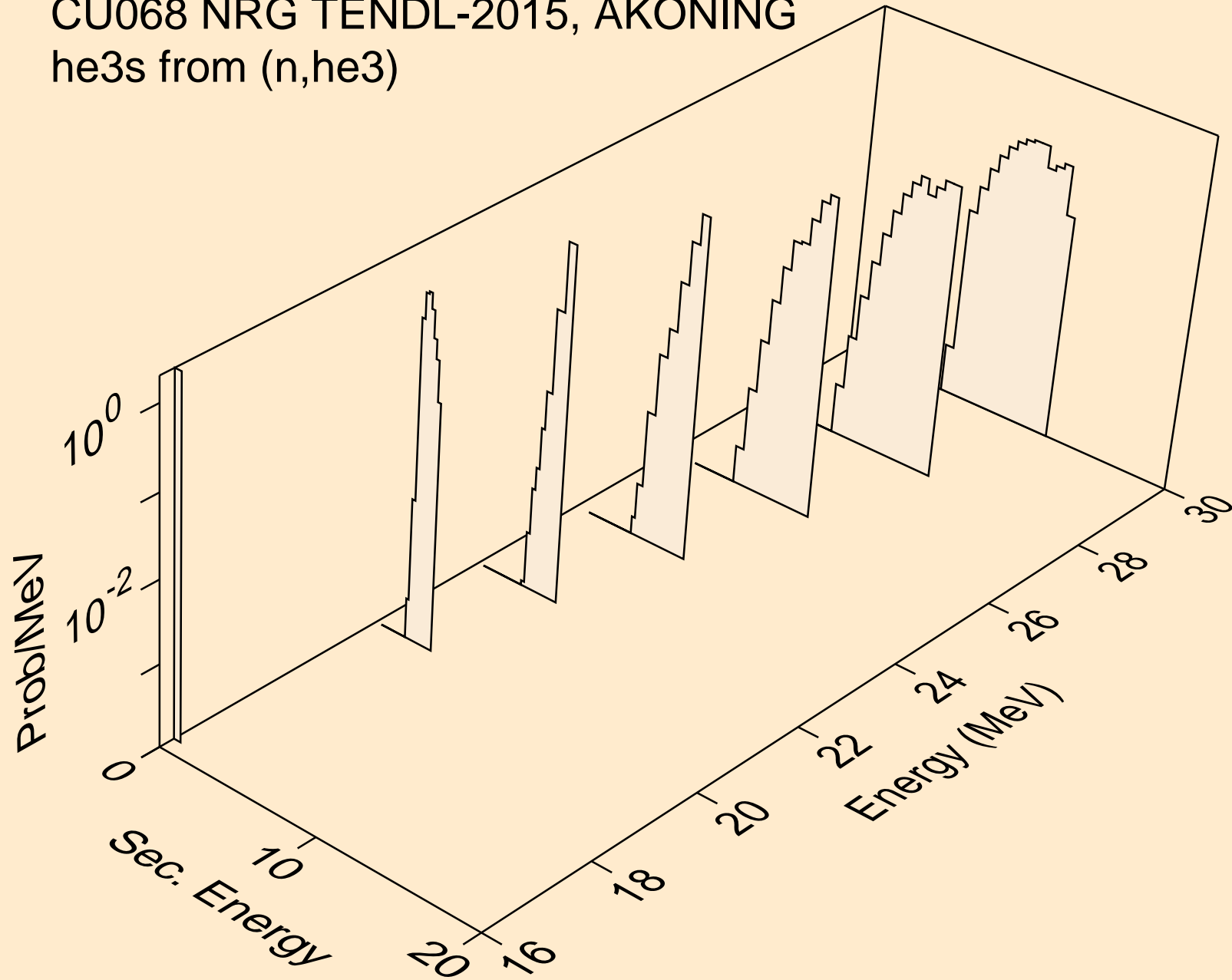


CU068 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

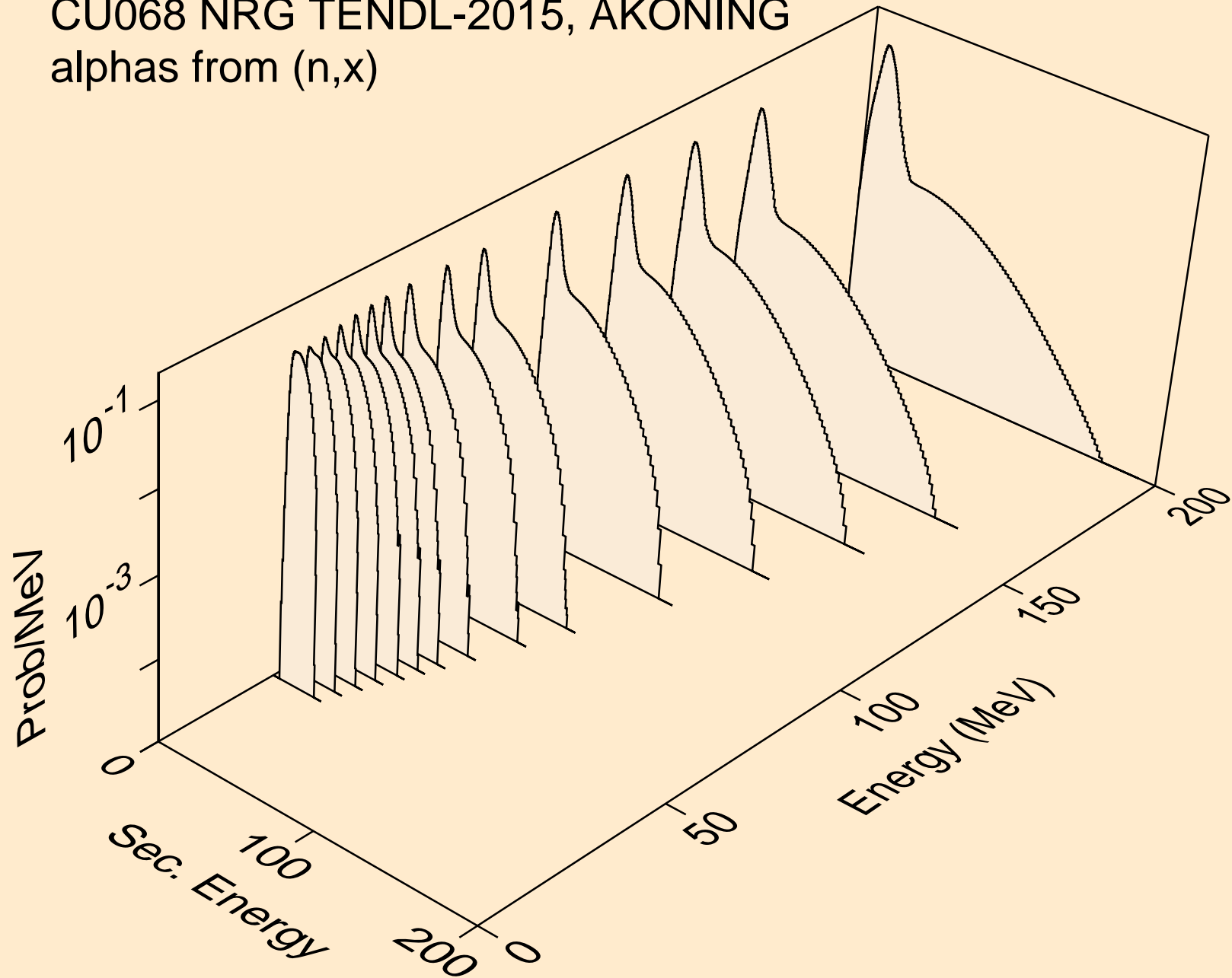




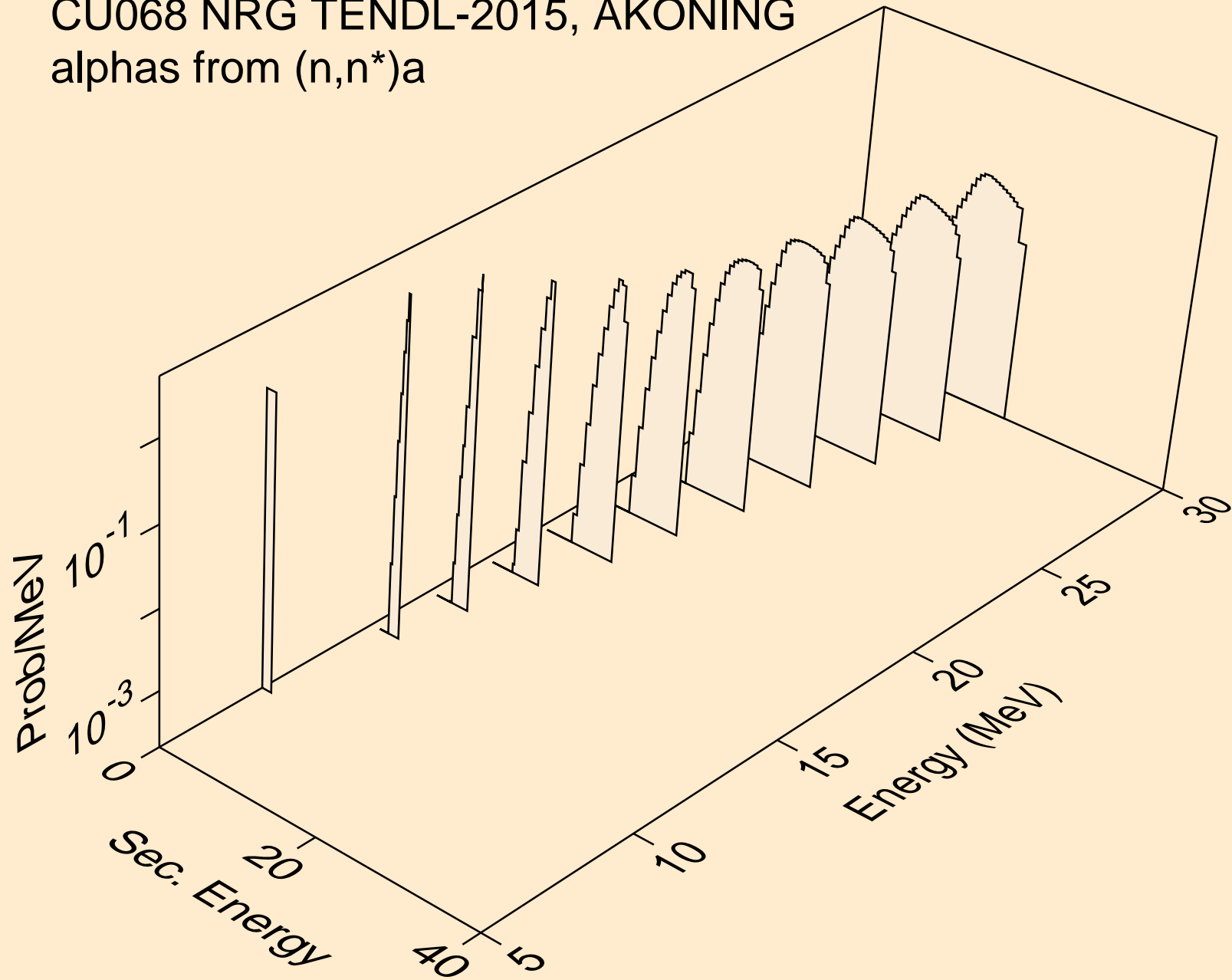
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he3s from (n,he3)



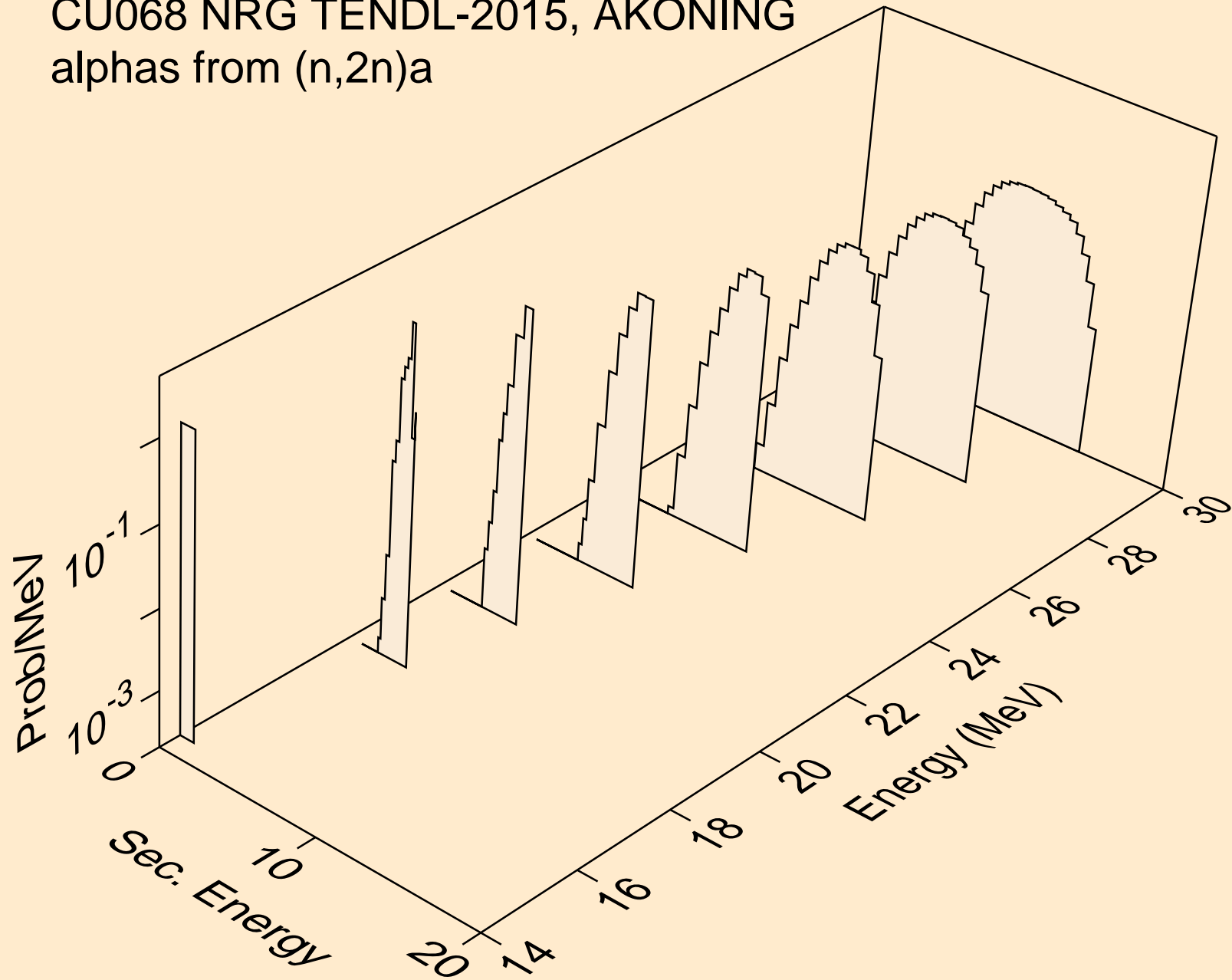
CU068 NRG TENDL-2015, AKONING  
alphas from (n,x)



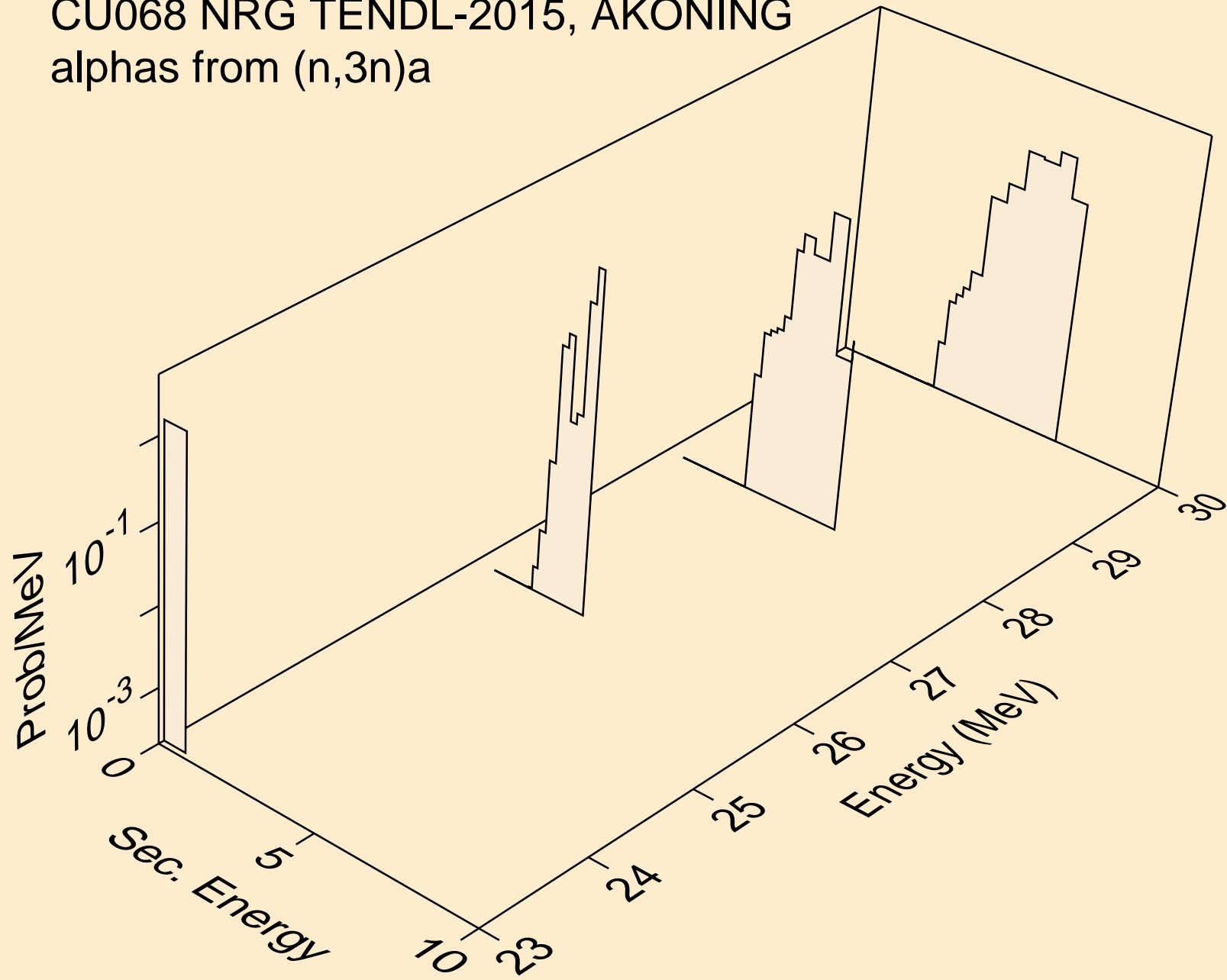
CU068 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



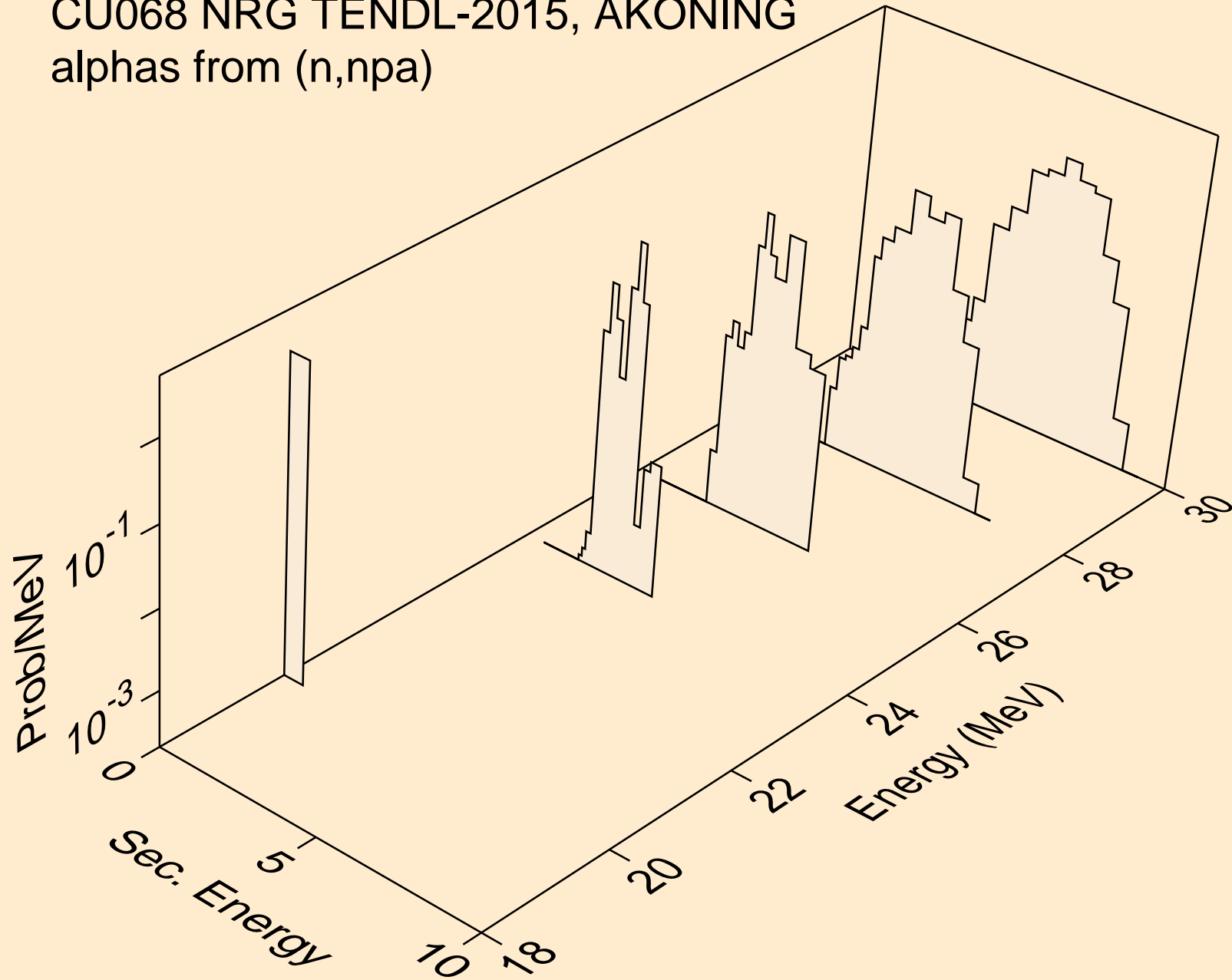
CU068 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



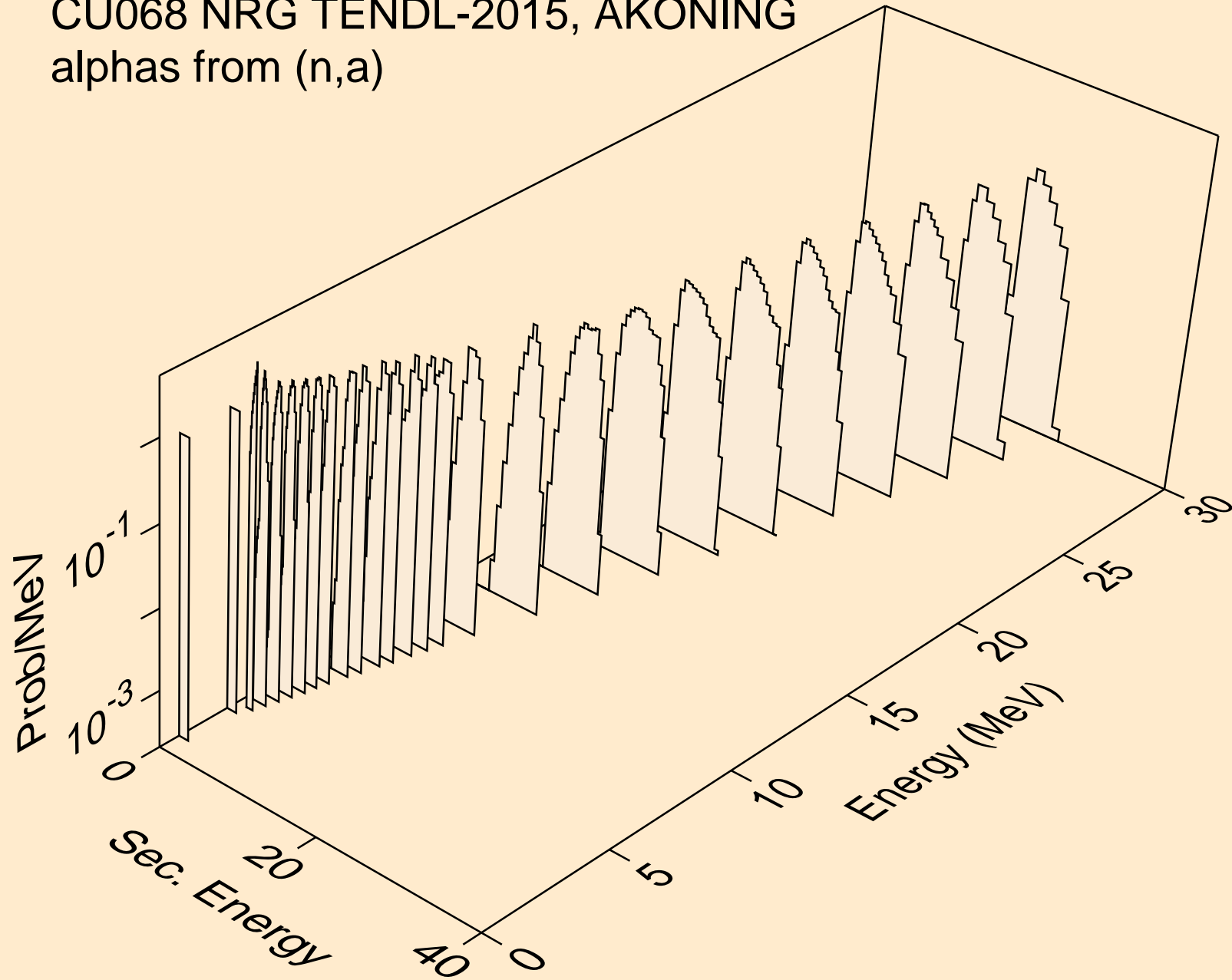
CU068 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



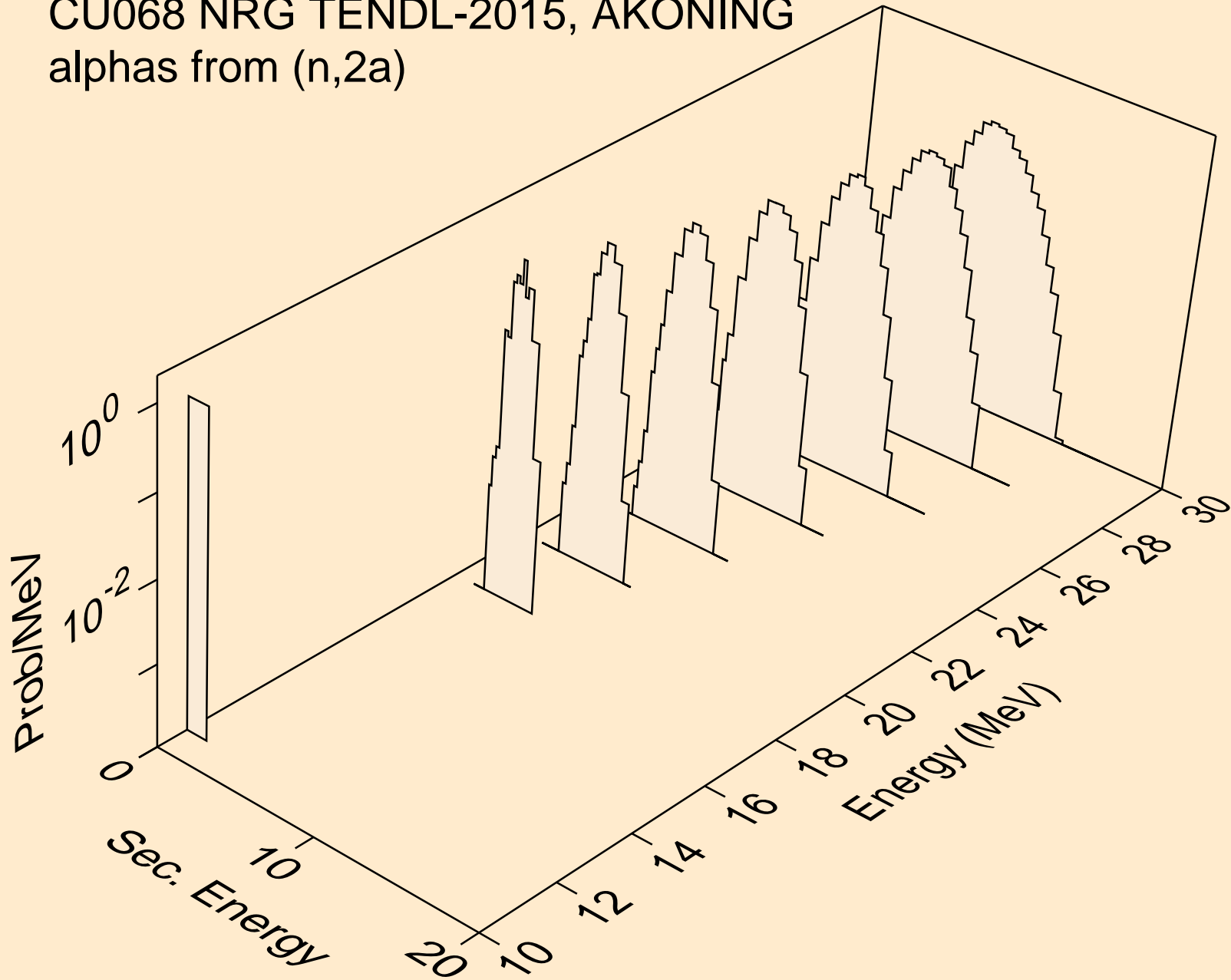
CU068 NRG TENDL-2015, AKONING  
alphas from (n,npa)



CU068 NRG TENDL-2015, AKONING  
alphas from (n,a)

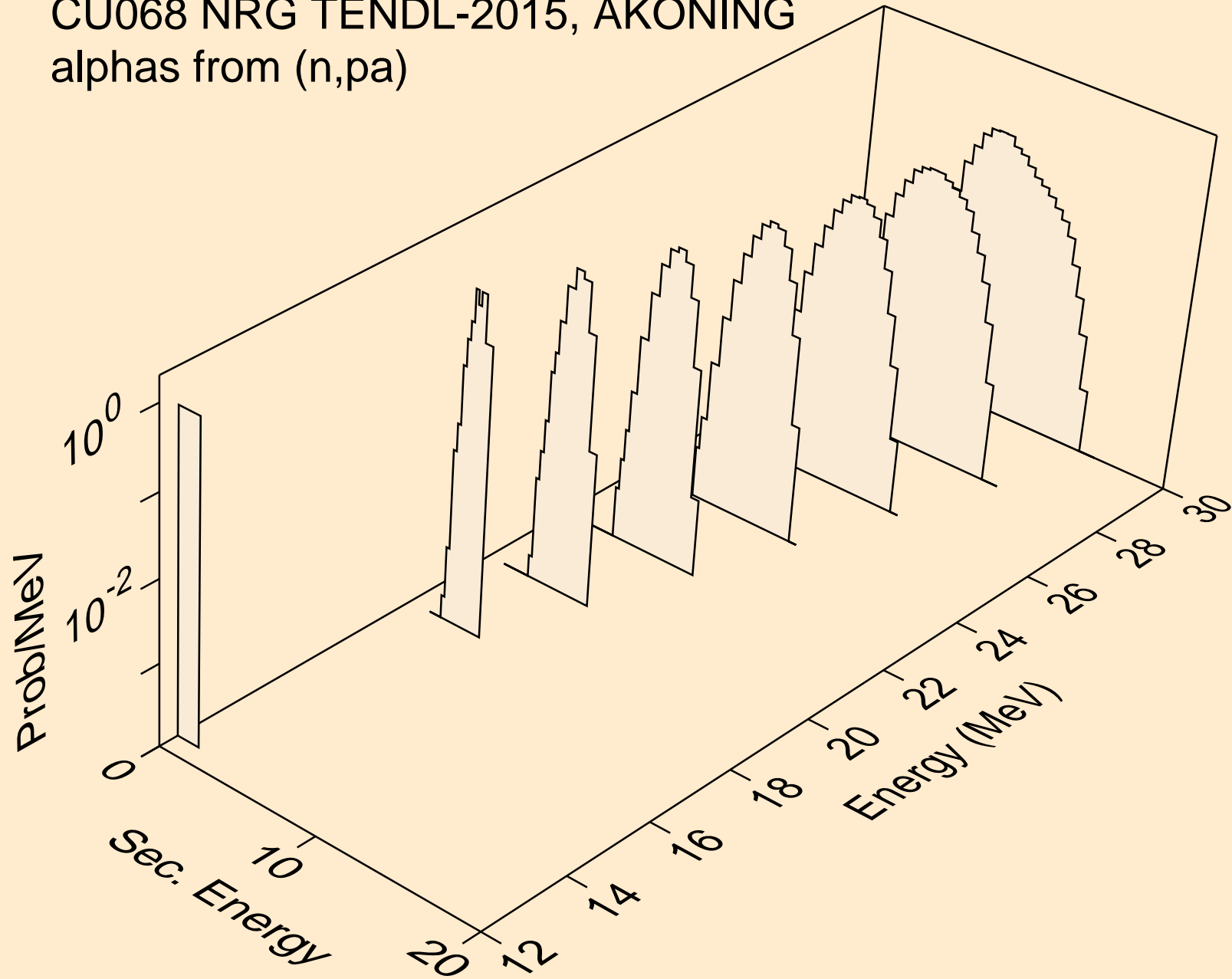


CU068 NRG TENDL-2015, AKONING  
alphas from (n,2a)





CU068 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CU068 NRG TENDL-2015, AKONING  
alphas from (n,da)

