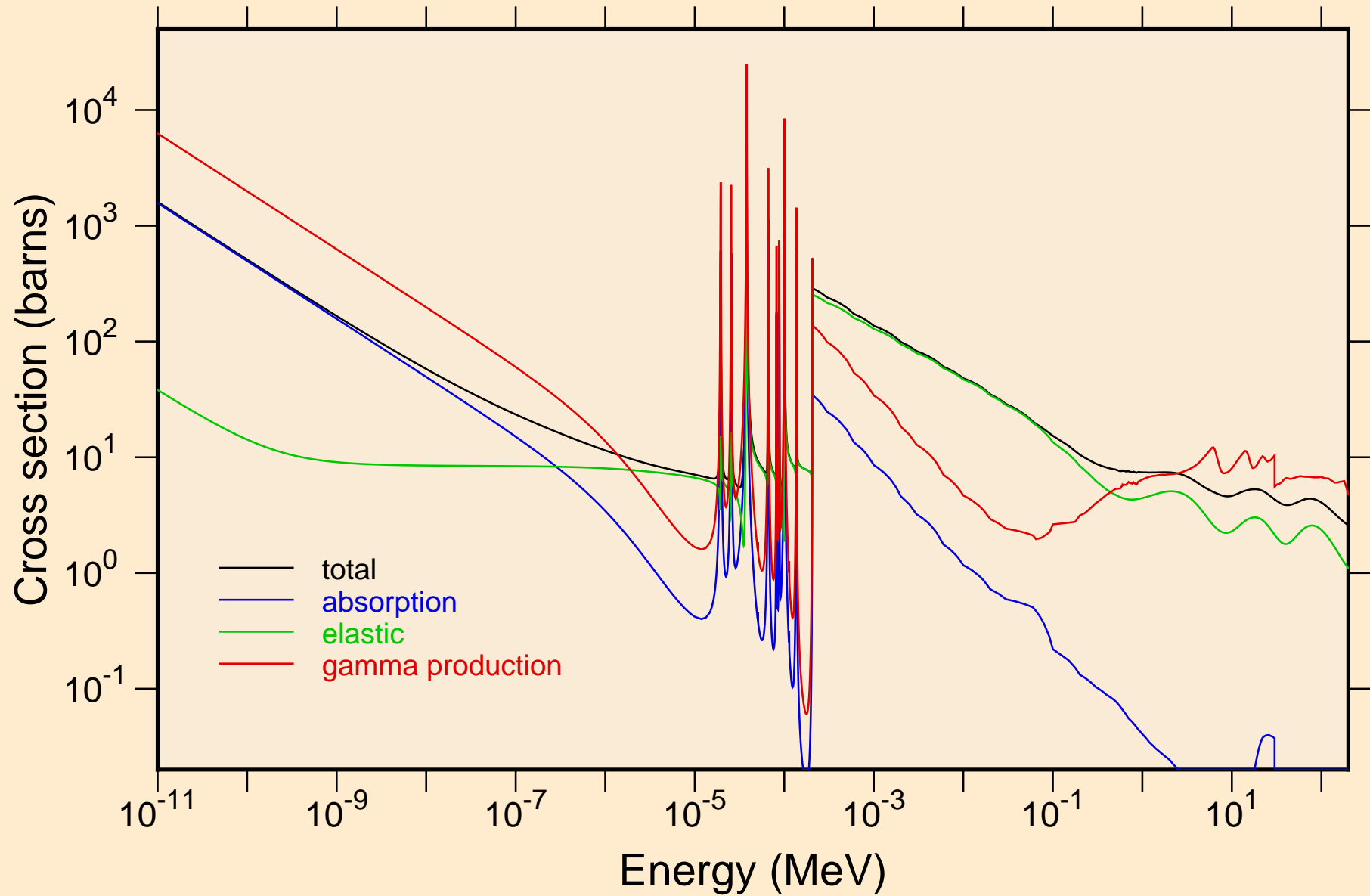


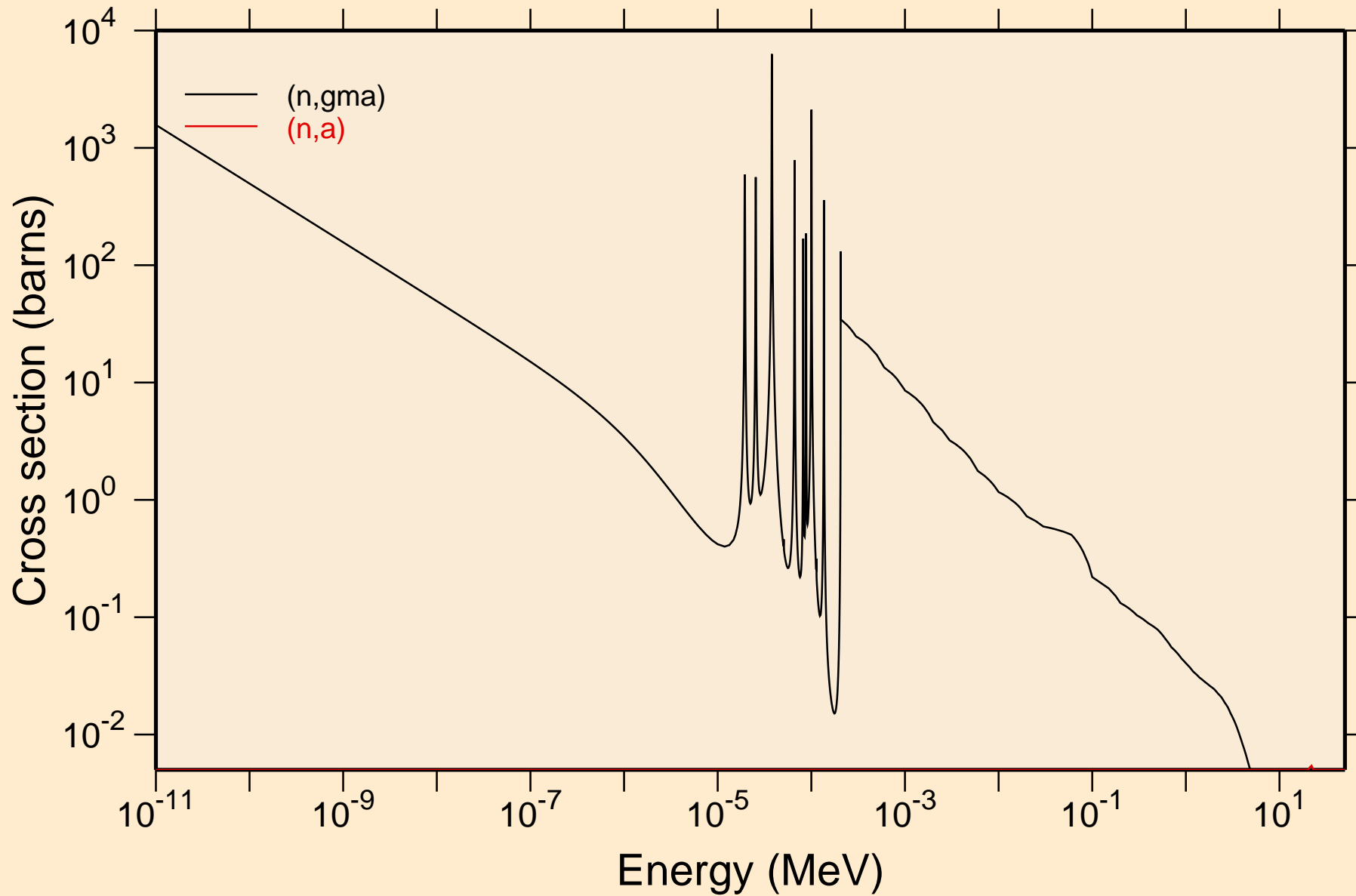
# ER169 NRG TENDL-2015, AKONING

## Principal cross sections



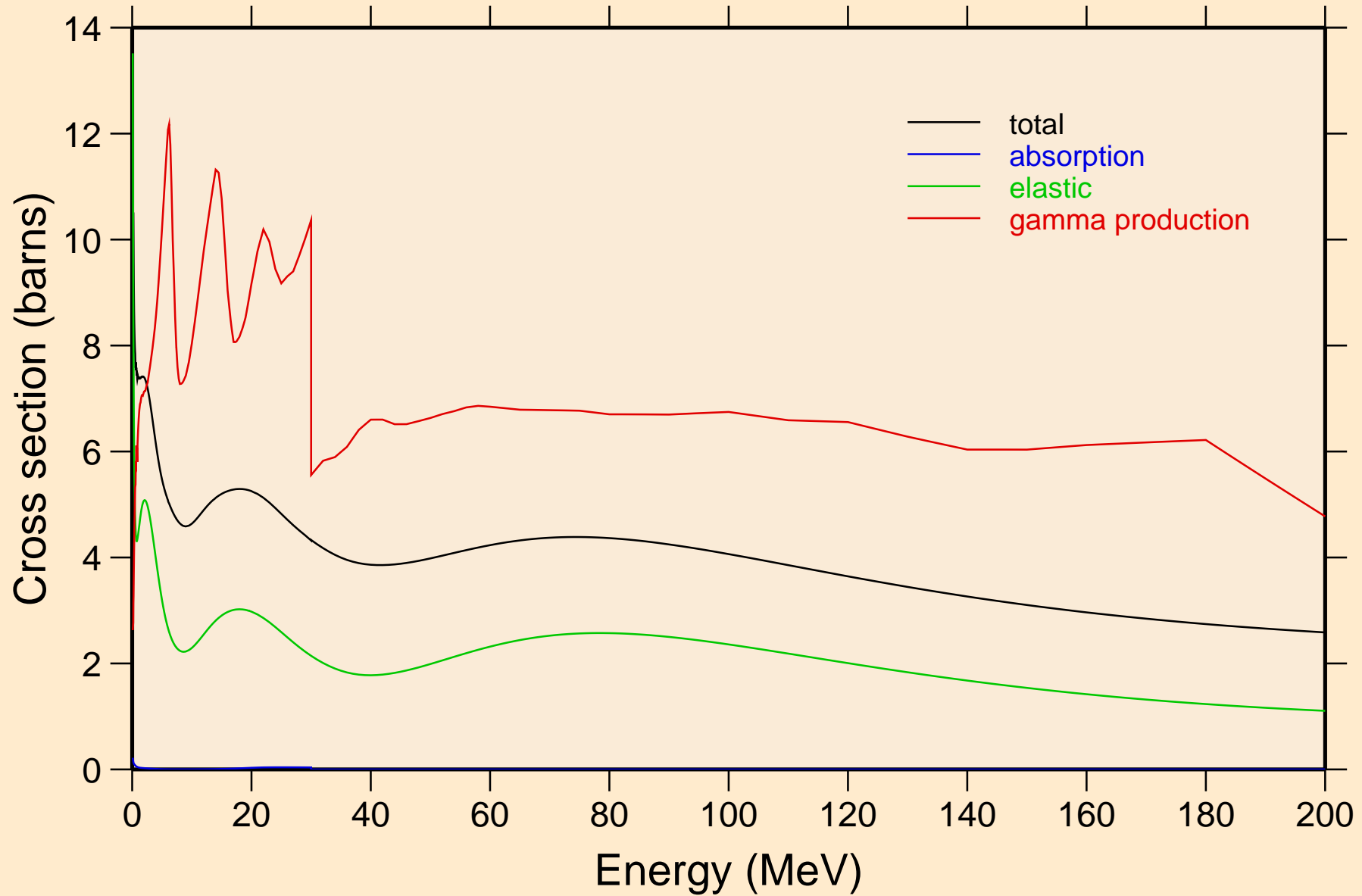
# ER169 NRG TENDL-2015, AKONING

## Non-threshold reactions



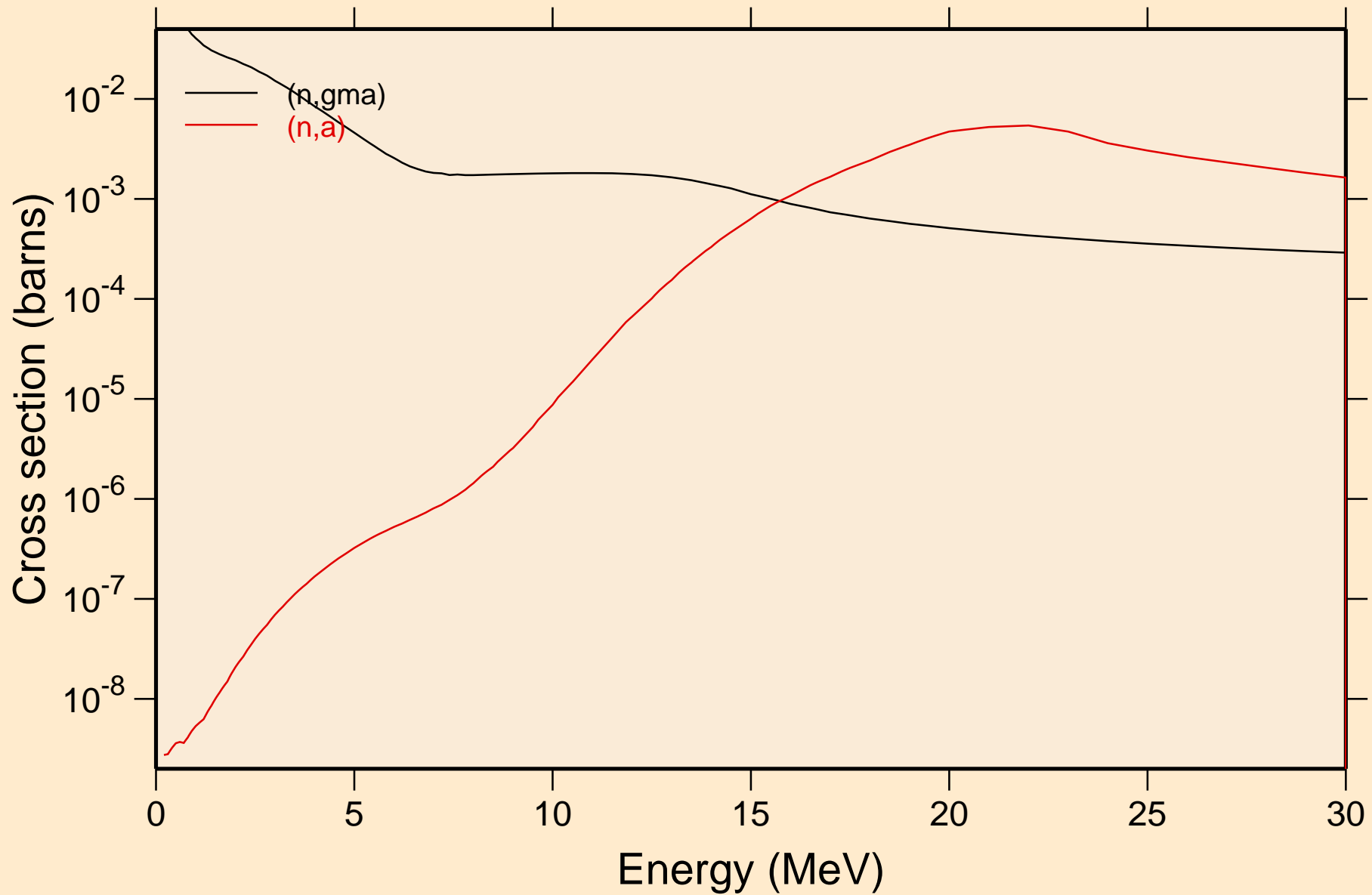
# ER169 NRG TENDL-2015, AKONING

## Principal cross sections



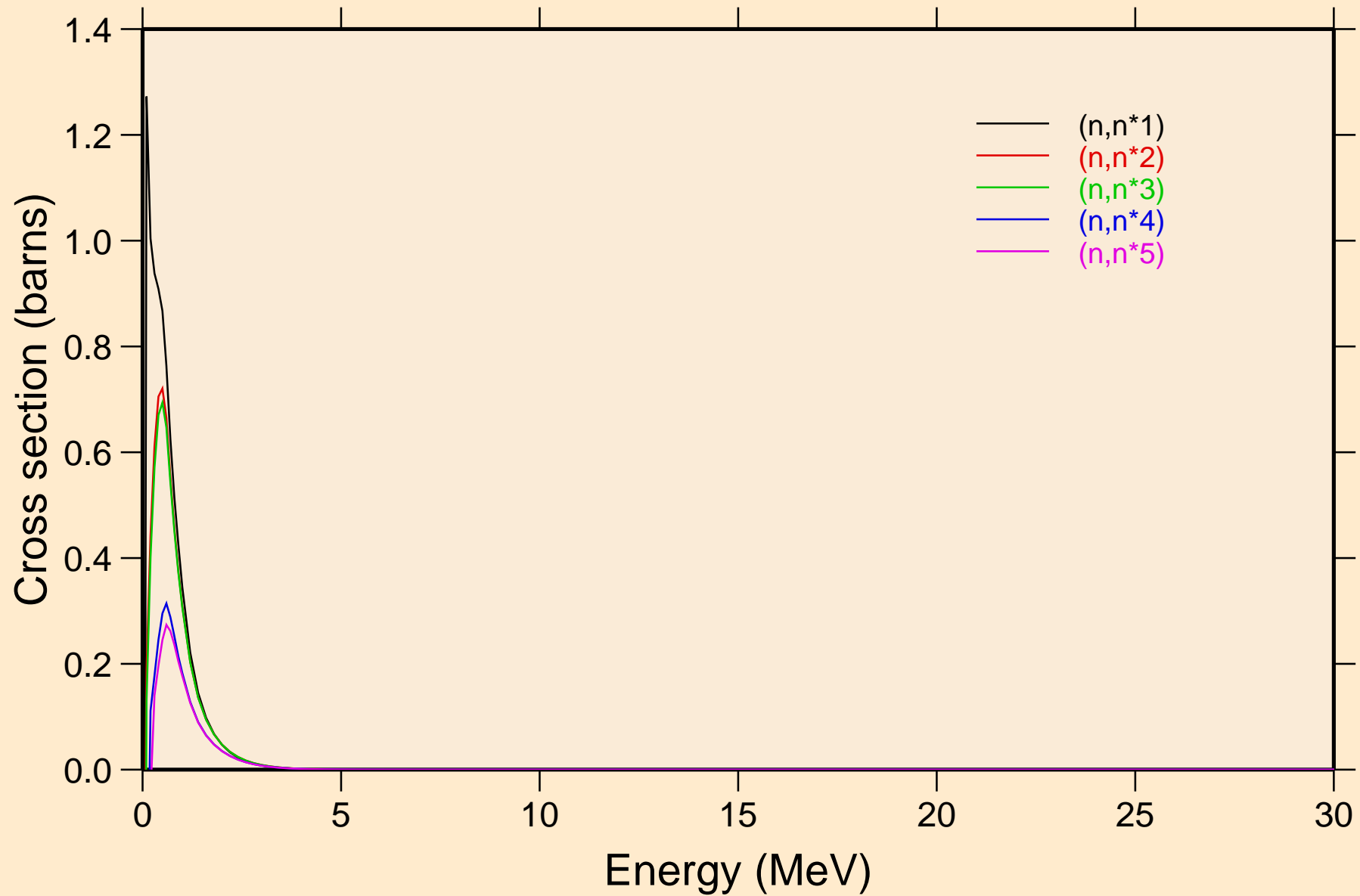
# ER169 NRG TENDL-2015, AKONING

## Non-threshold reactions



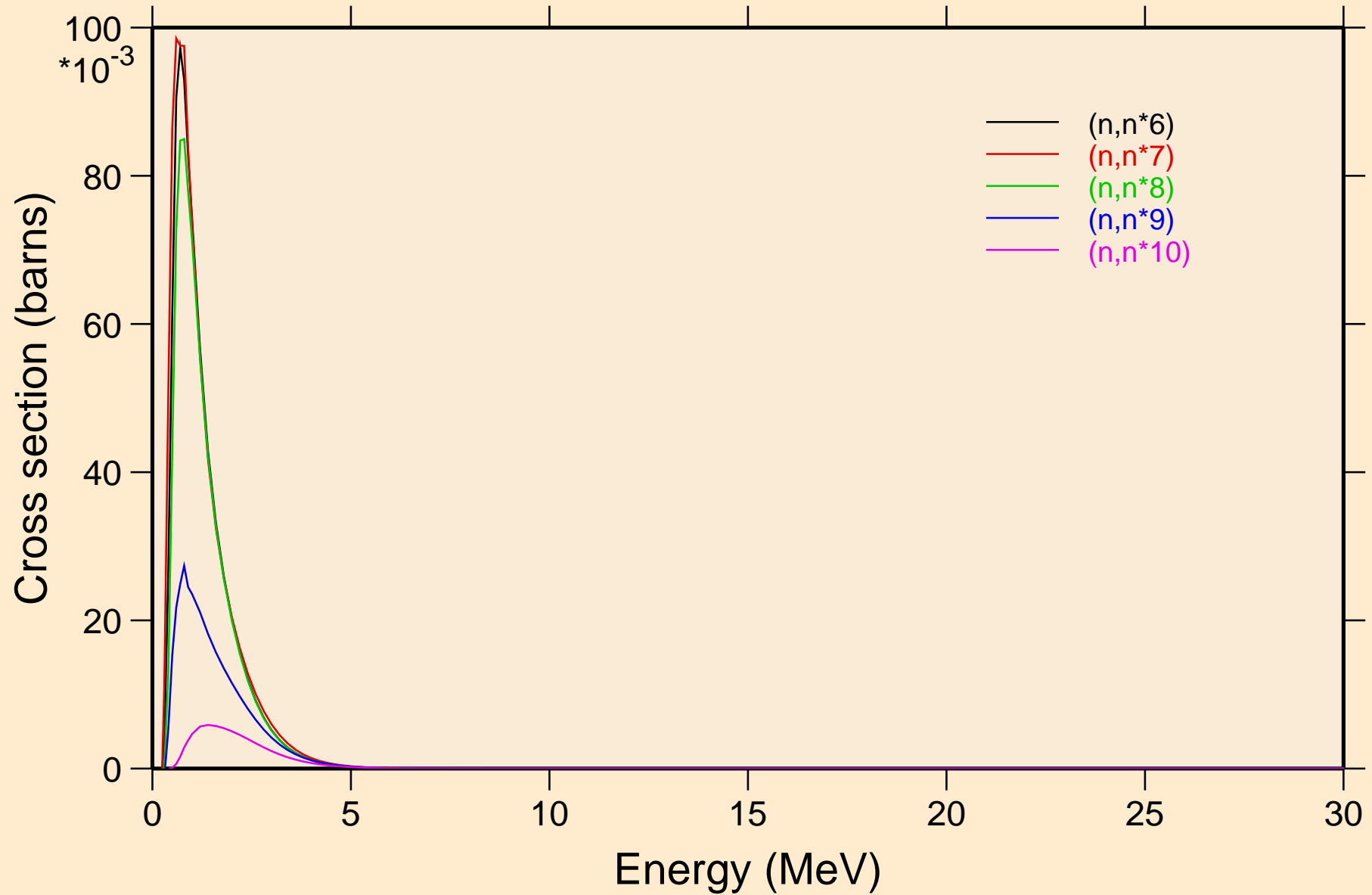
# ER169 NRG TENDL-2015, AKONING

## Inelastic levels



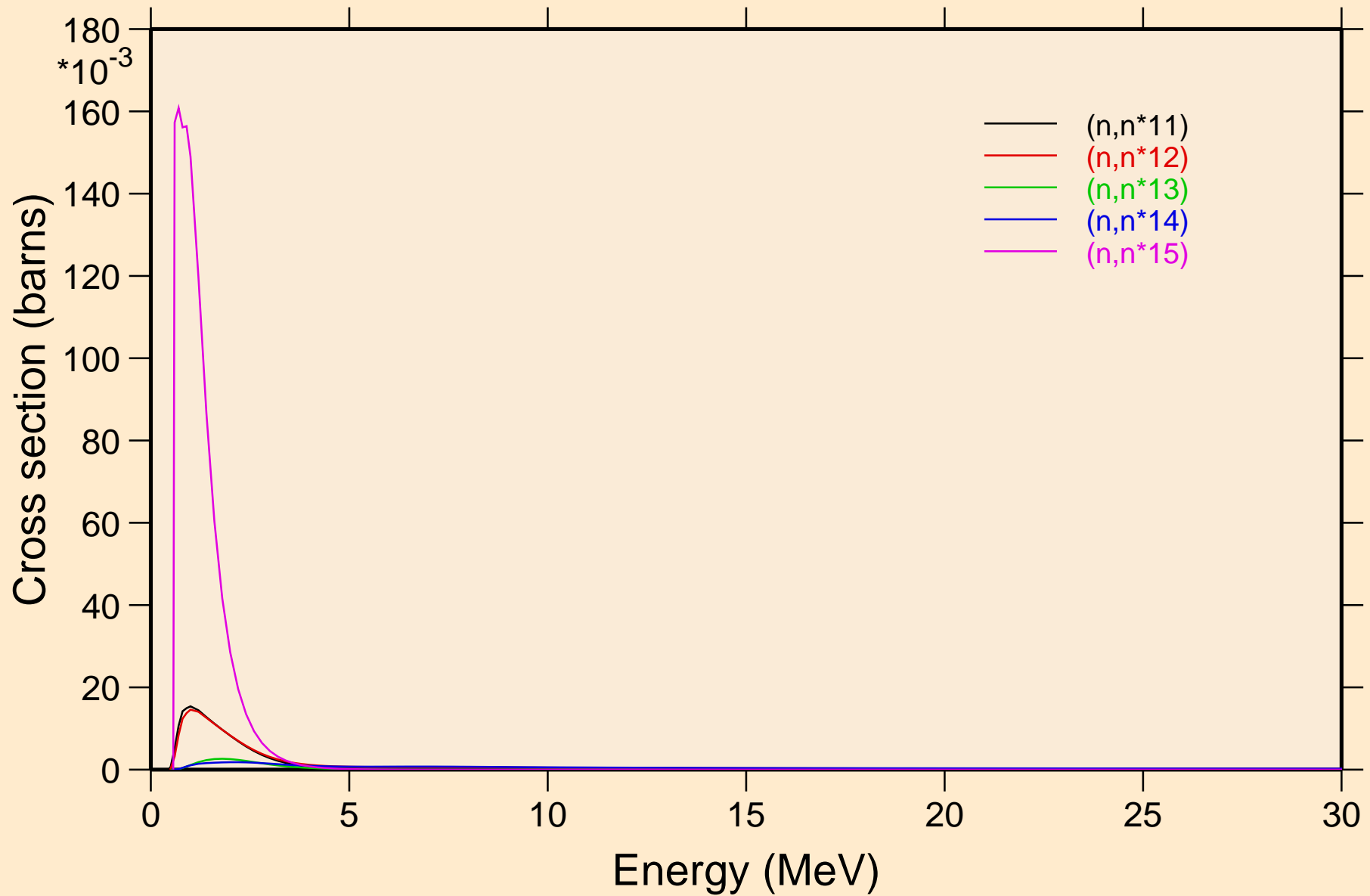
# ER169 NRG TENDL-2015, AKONING

## Inelastic levels



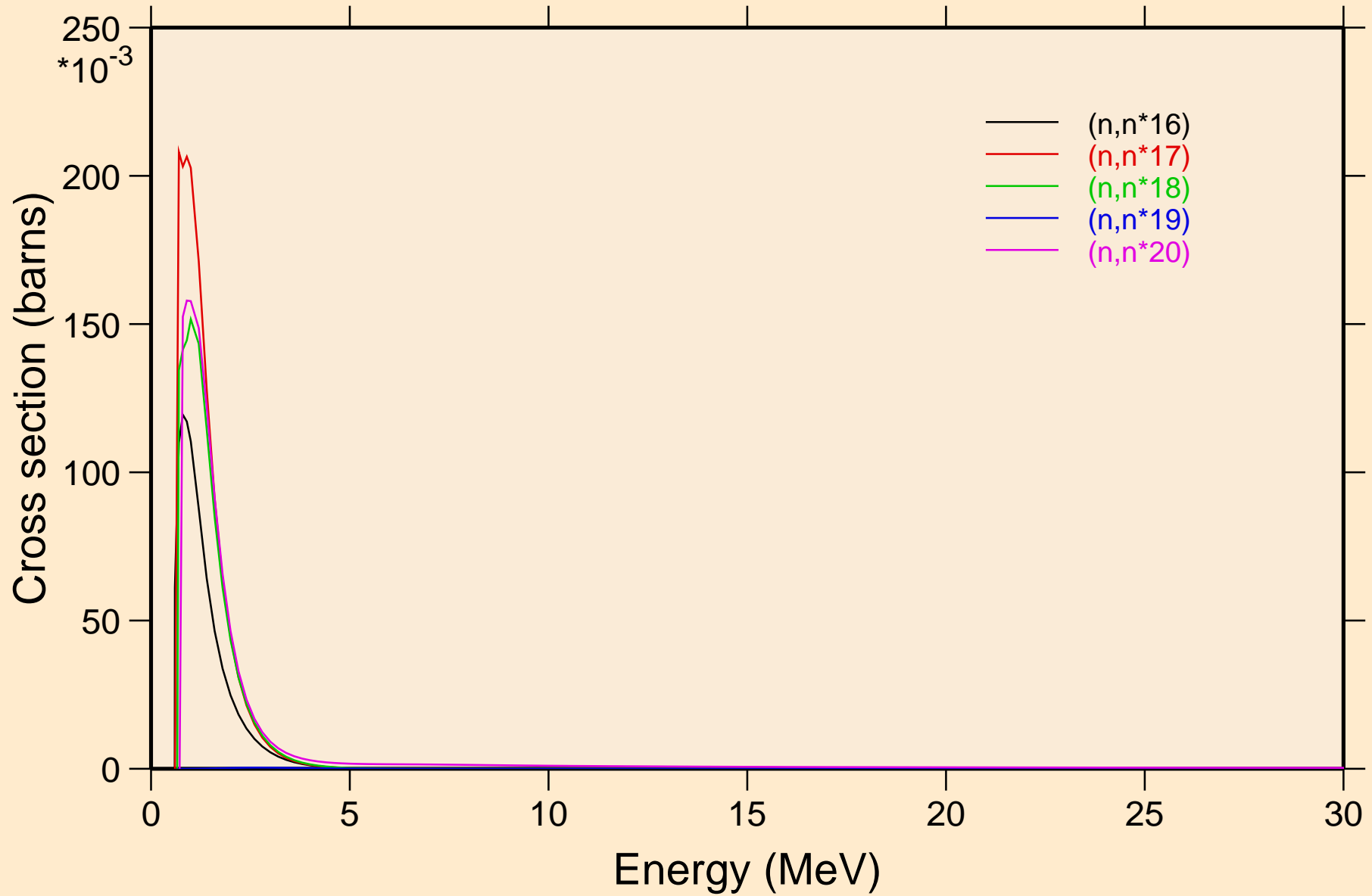
# ER169 NRG TENDL-2015, AKONING

## Inelastic levels



# ER169 NRG TENDL-2015, AKONING

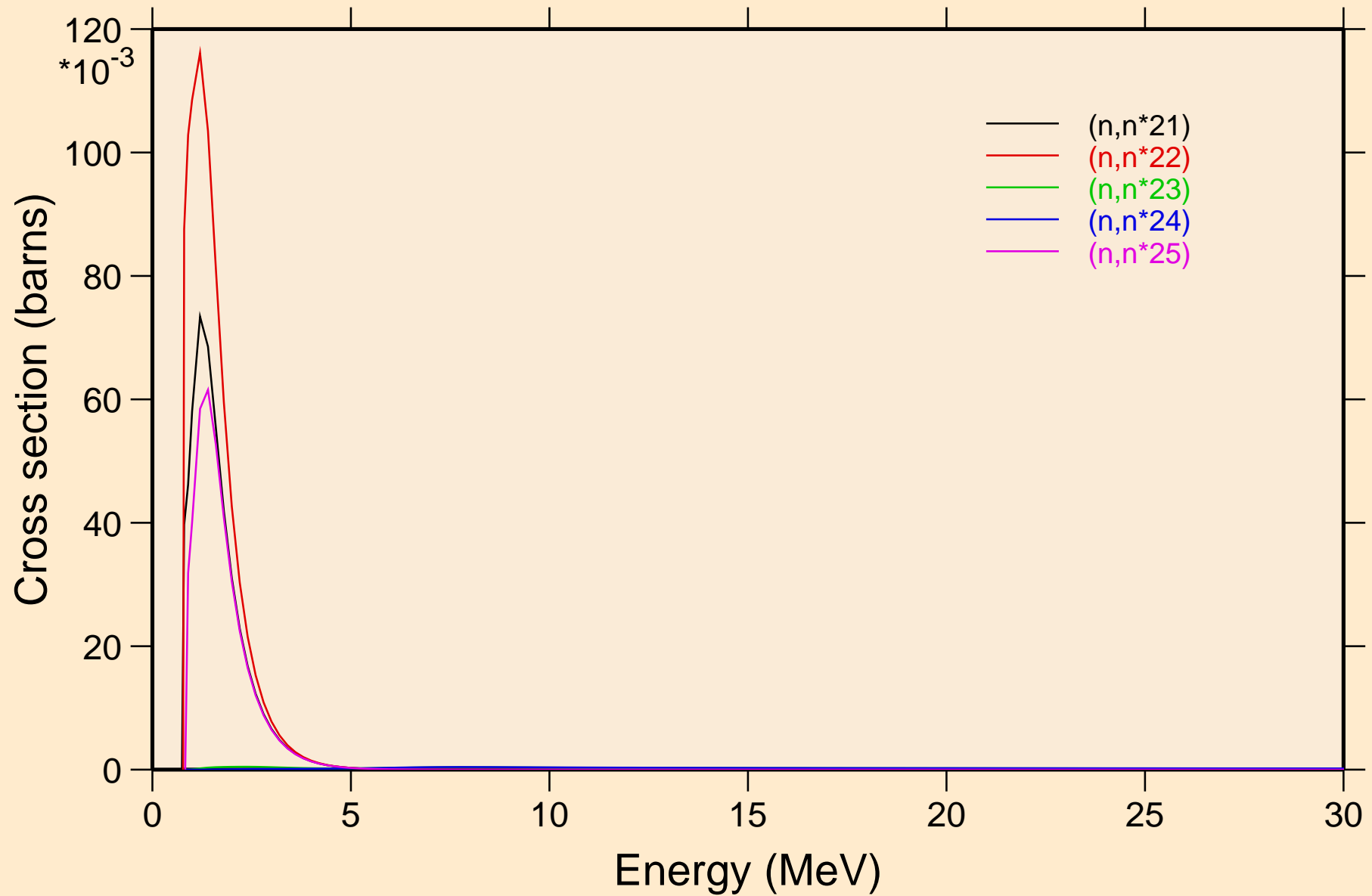
## Inelastic levels





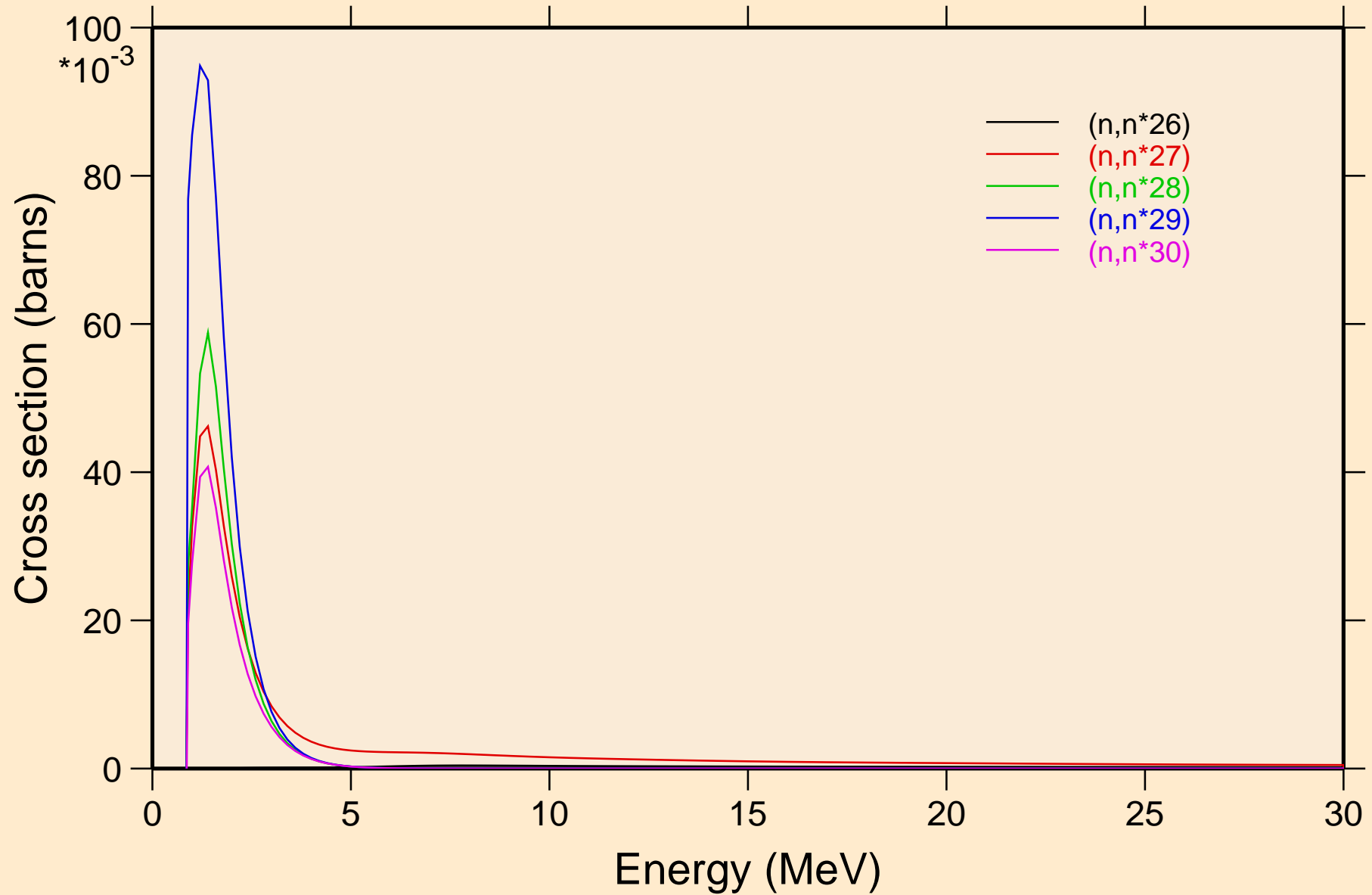
# ER169 NRG TENDL-2015, AKONING

## Inelastic levels



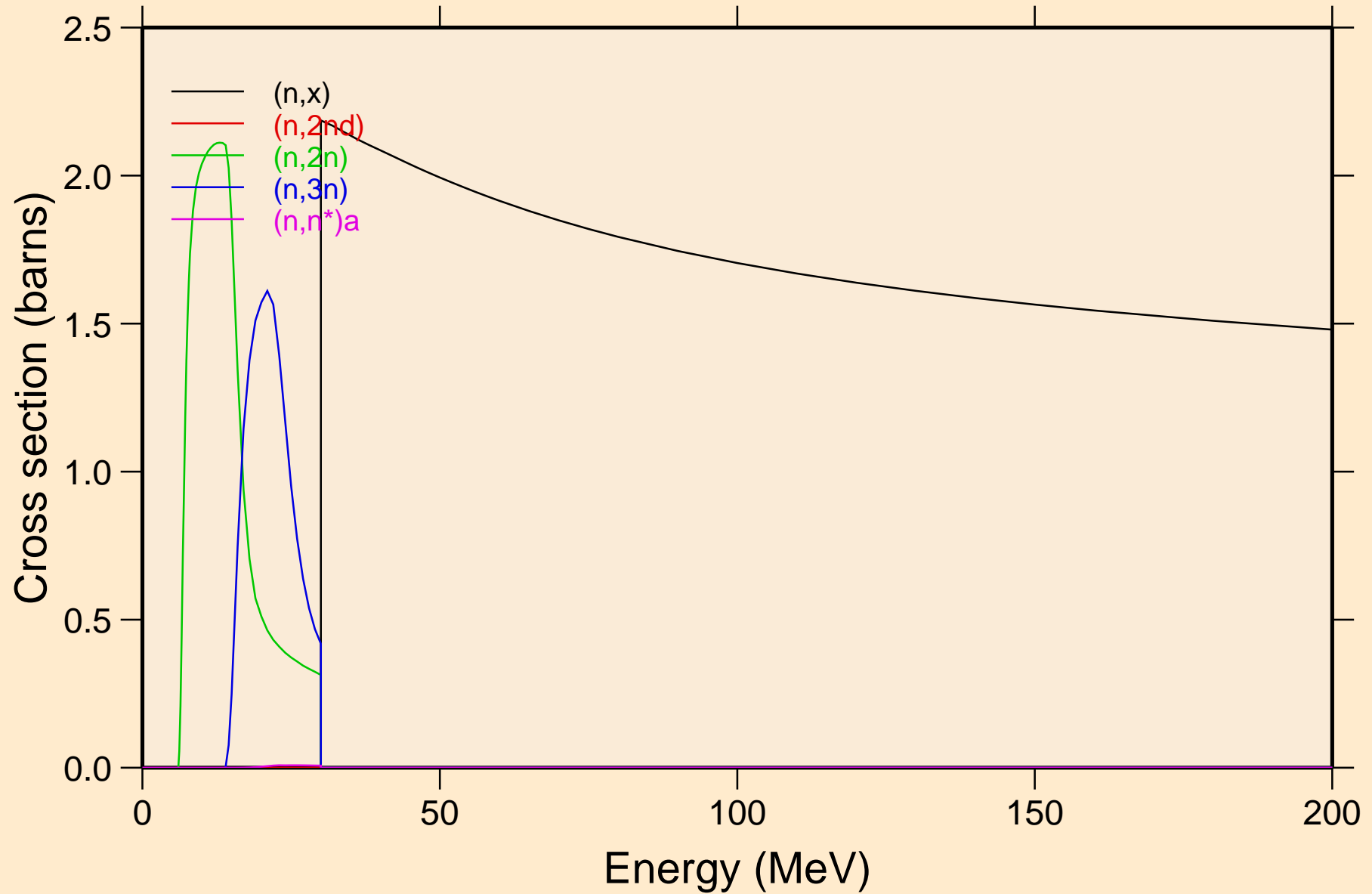
# ER169 NRG TENDL-2015, AKONING

## Inelastic levels



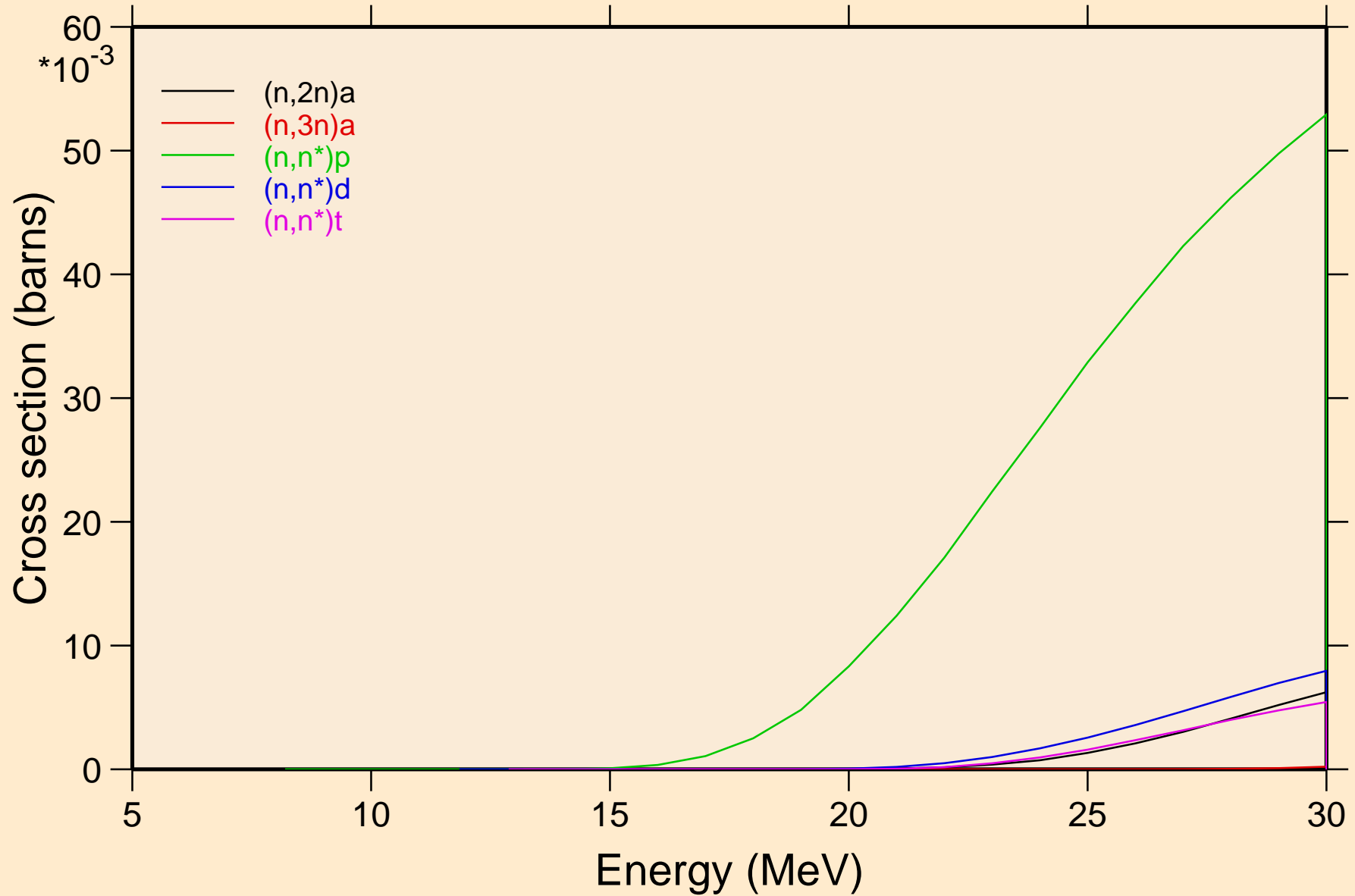
# ER169 NRG TENDL-2015, AKONING

## Threshold reactions



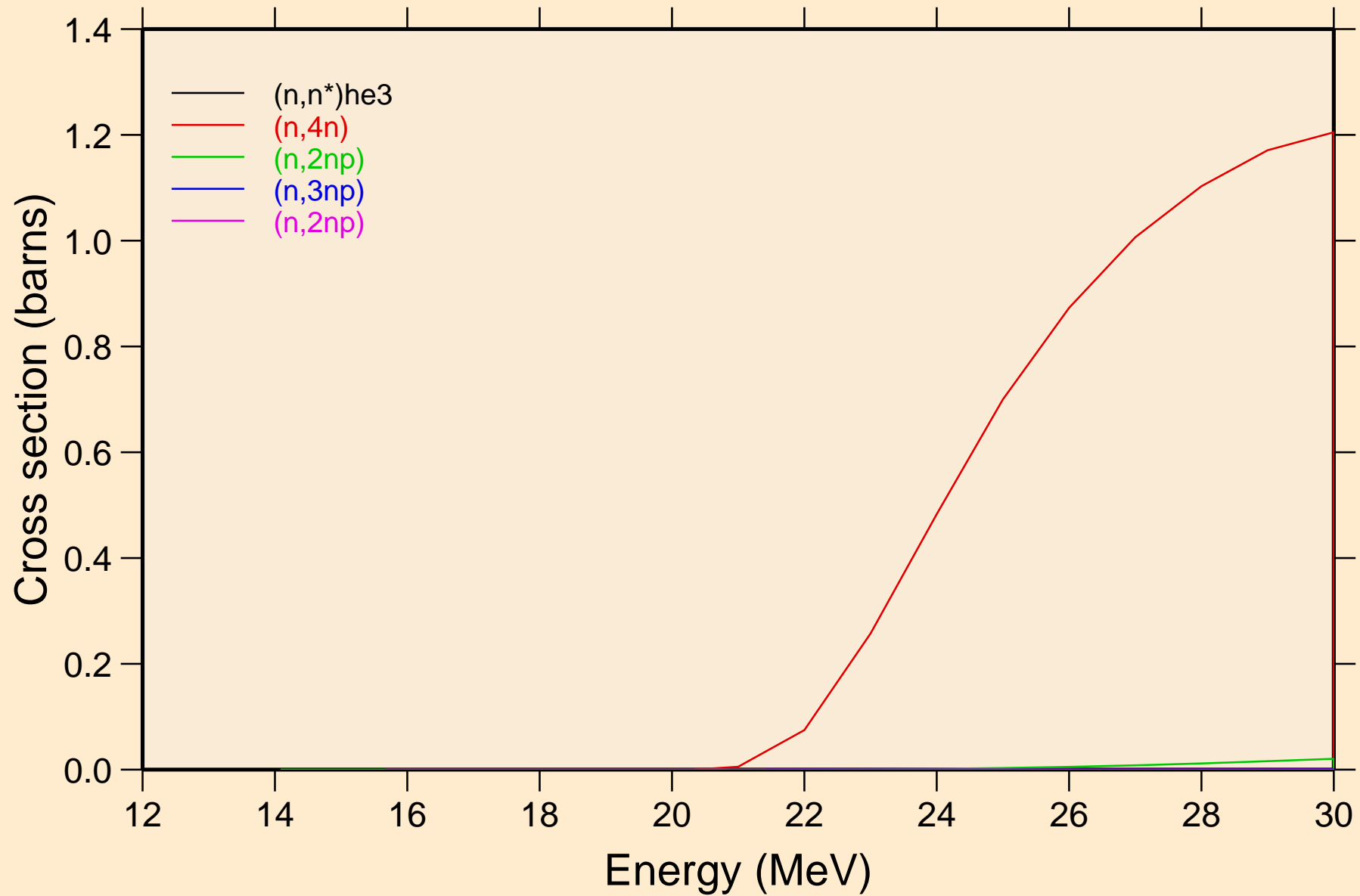
# ER169 NRG TENDL-2015, AKONING

## Threshold reactions



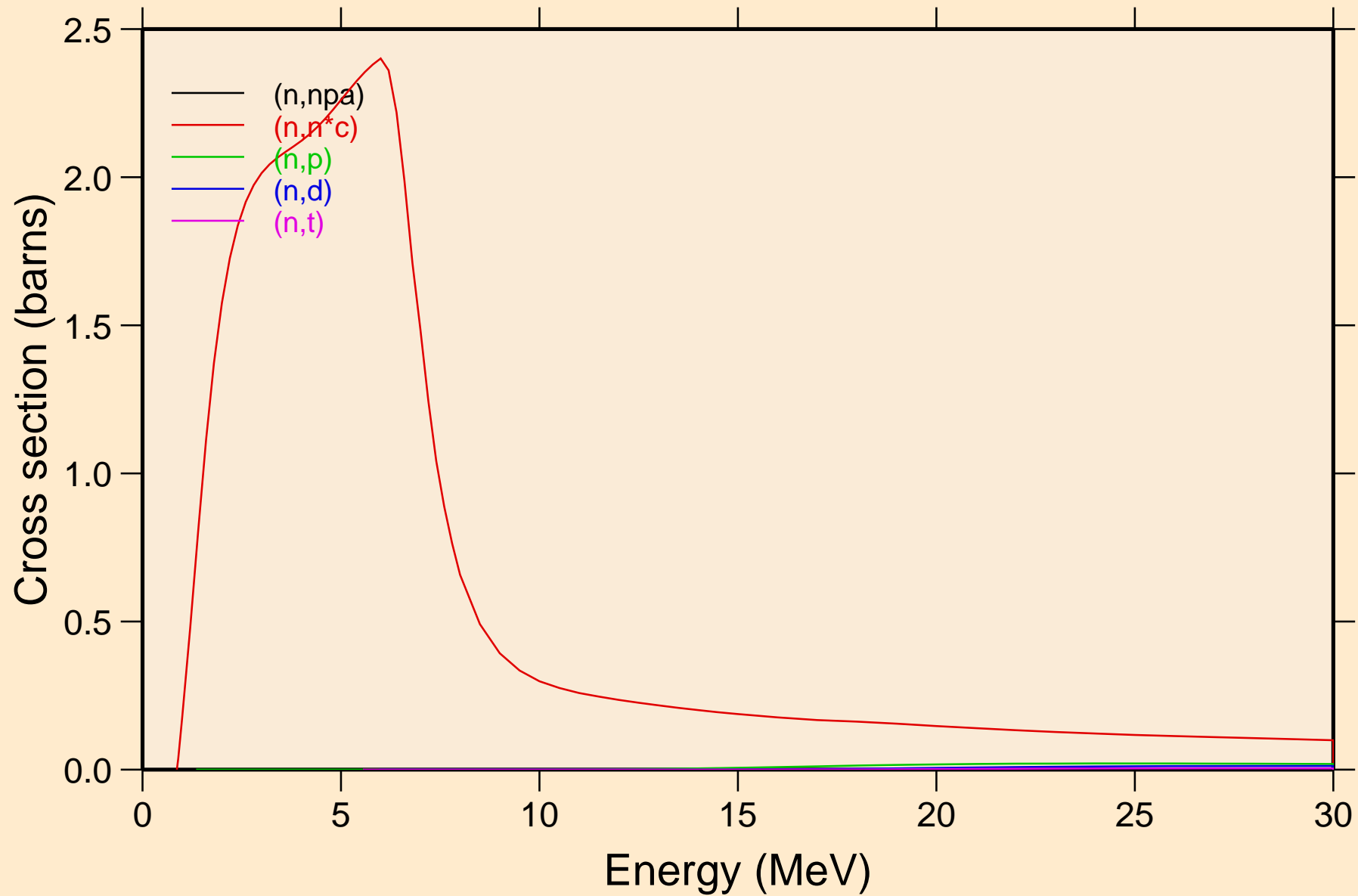
# ER169 NRG TENDL-2015, AKONING

## Threshold reactions



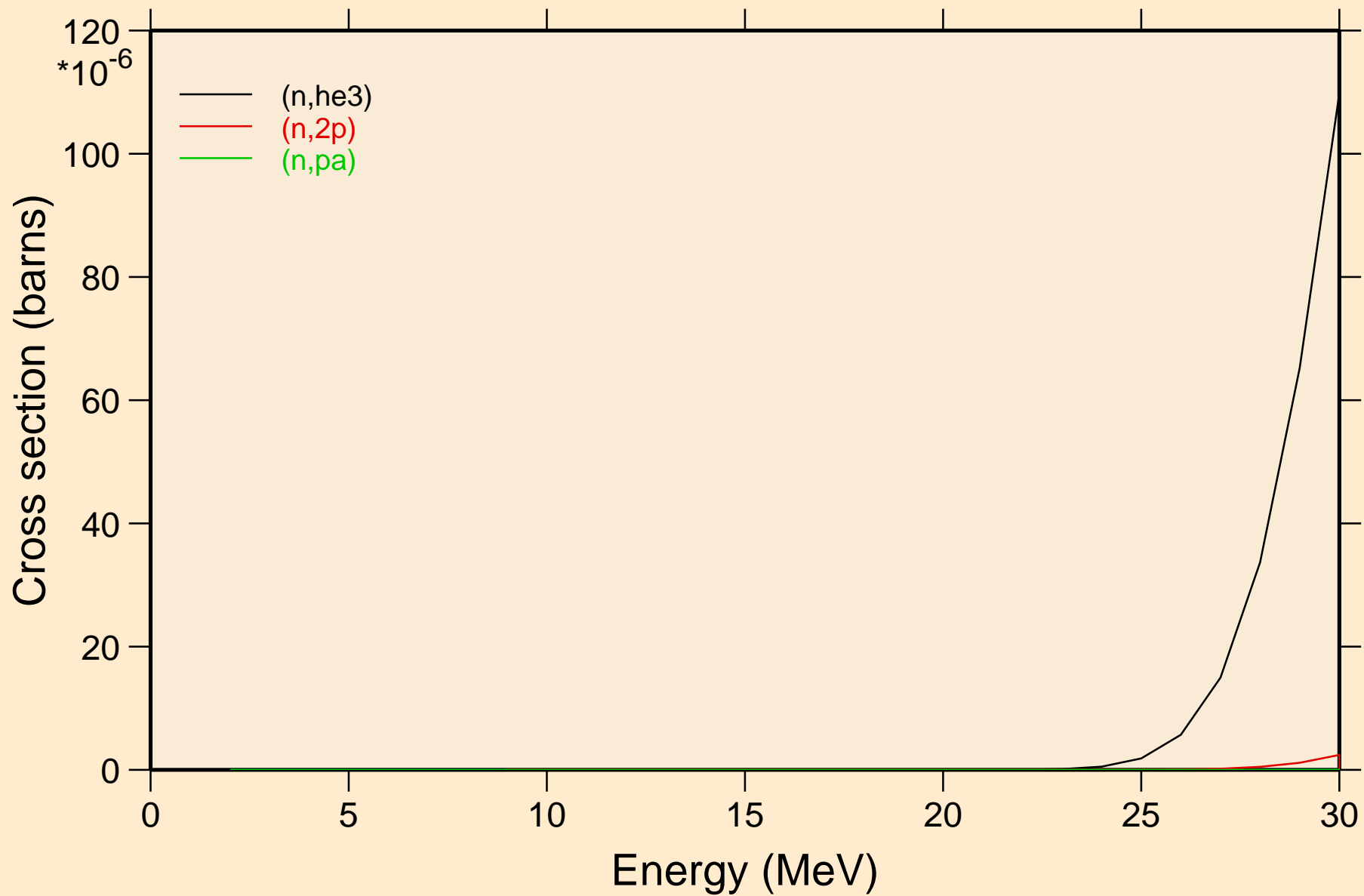
# ER169 NRG TENDL-2015, AKONING

## Threshold reactions

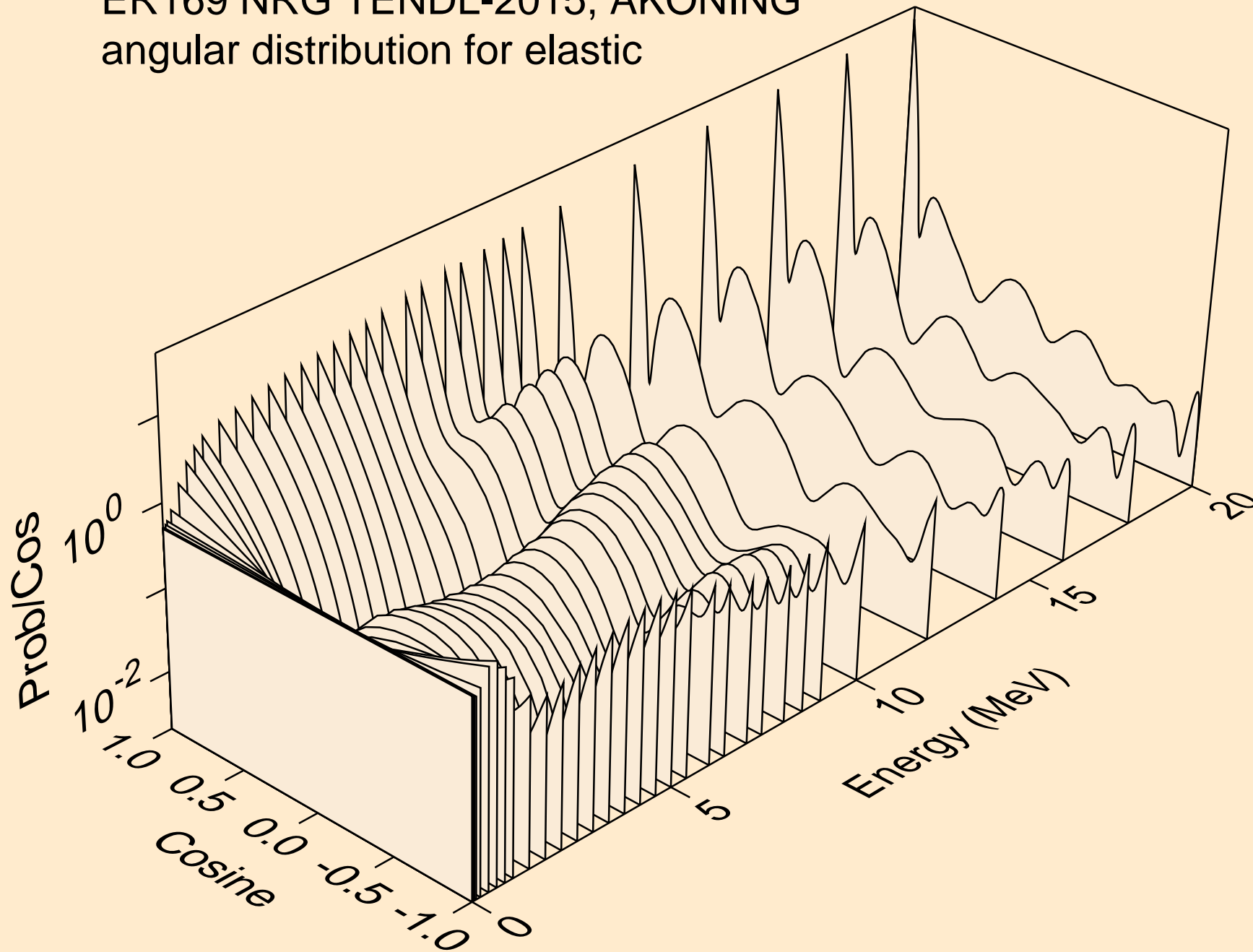


# ER169 NRG TENDL-2015, AKONING

## Threshold reactions

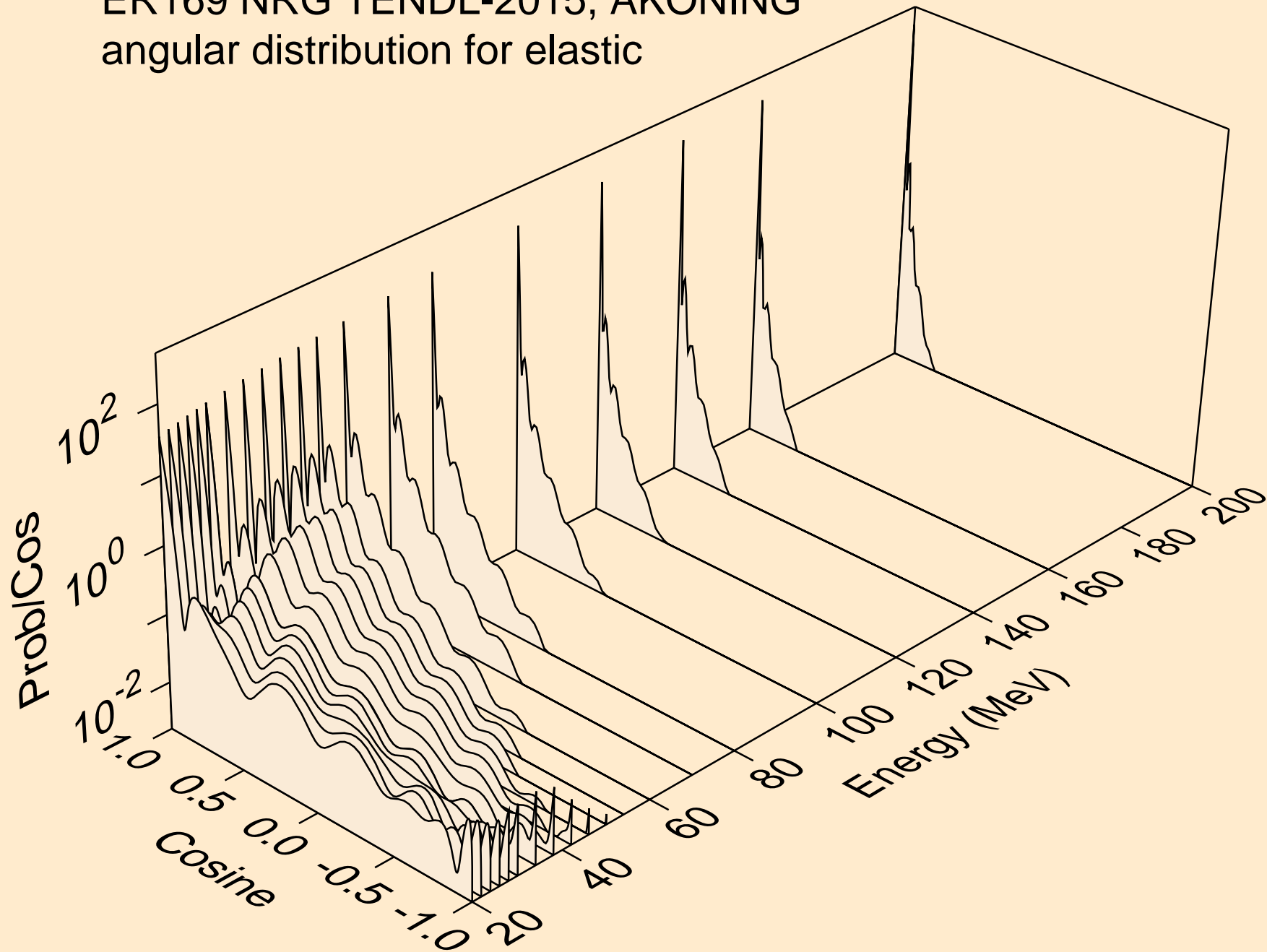


ER169 NRG TENDL-2015, AKONING  
angular distribution for elastic

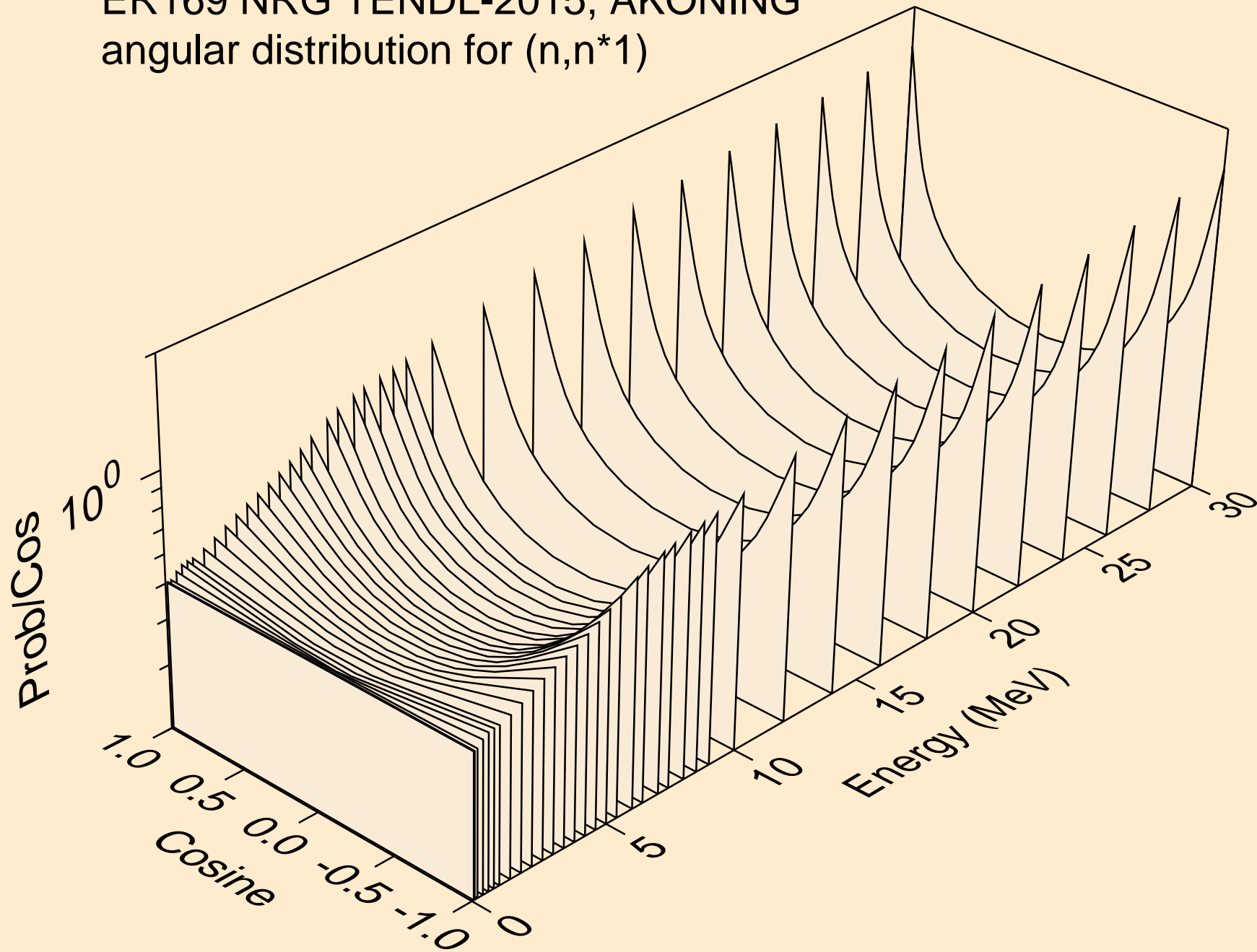




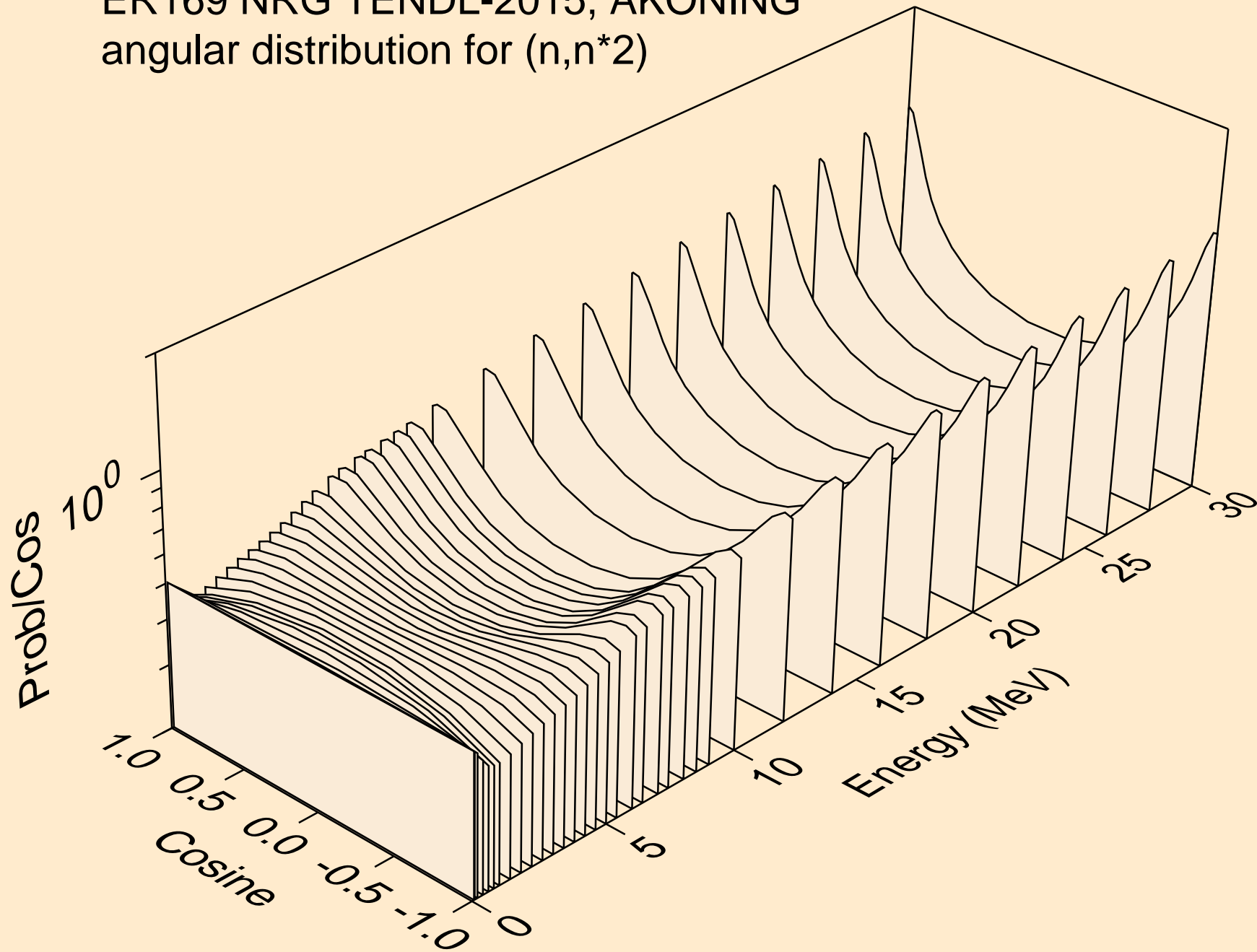
ER169 NRG TENDL-2015, AKONING  
angular distribution for elastic



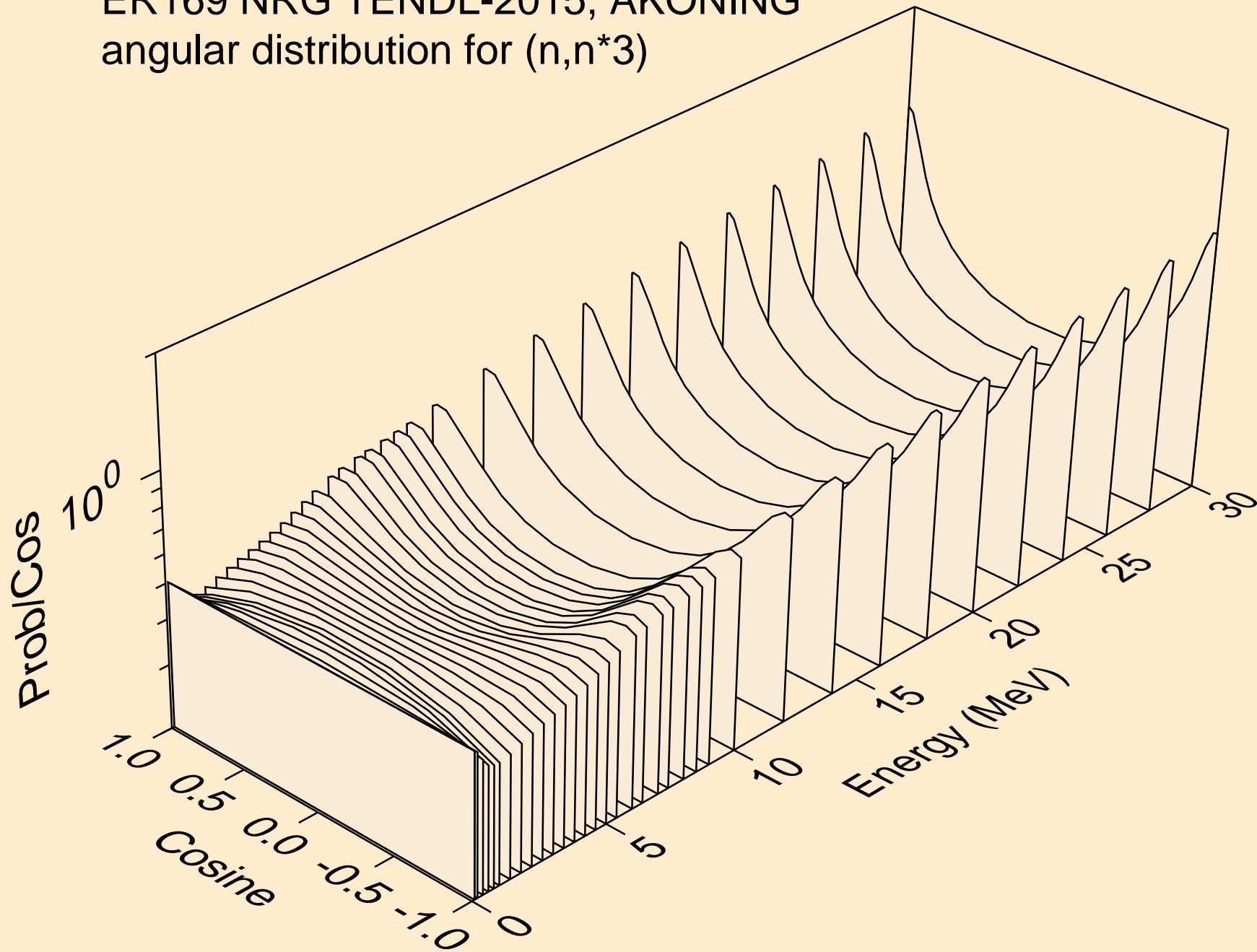
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



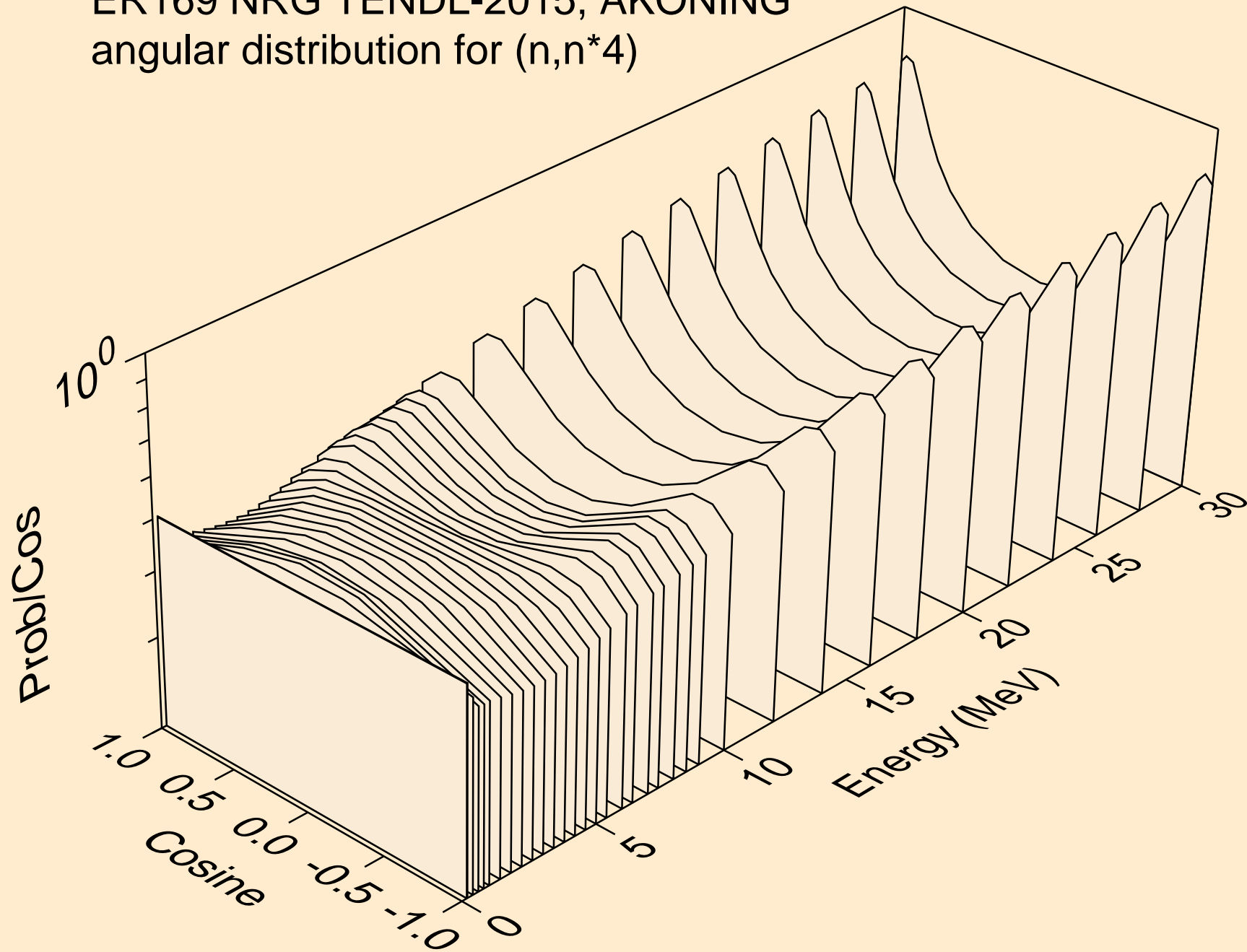
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



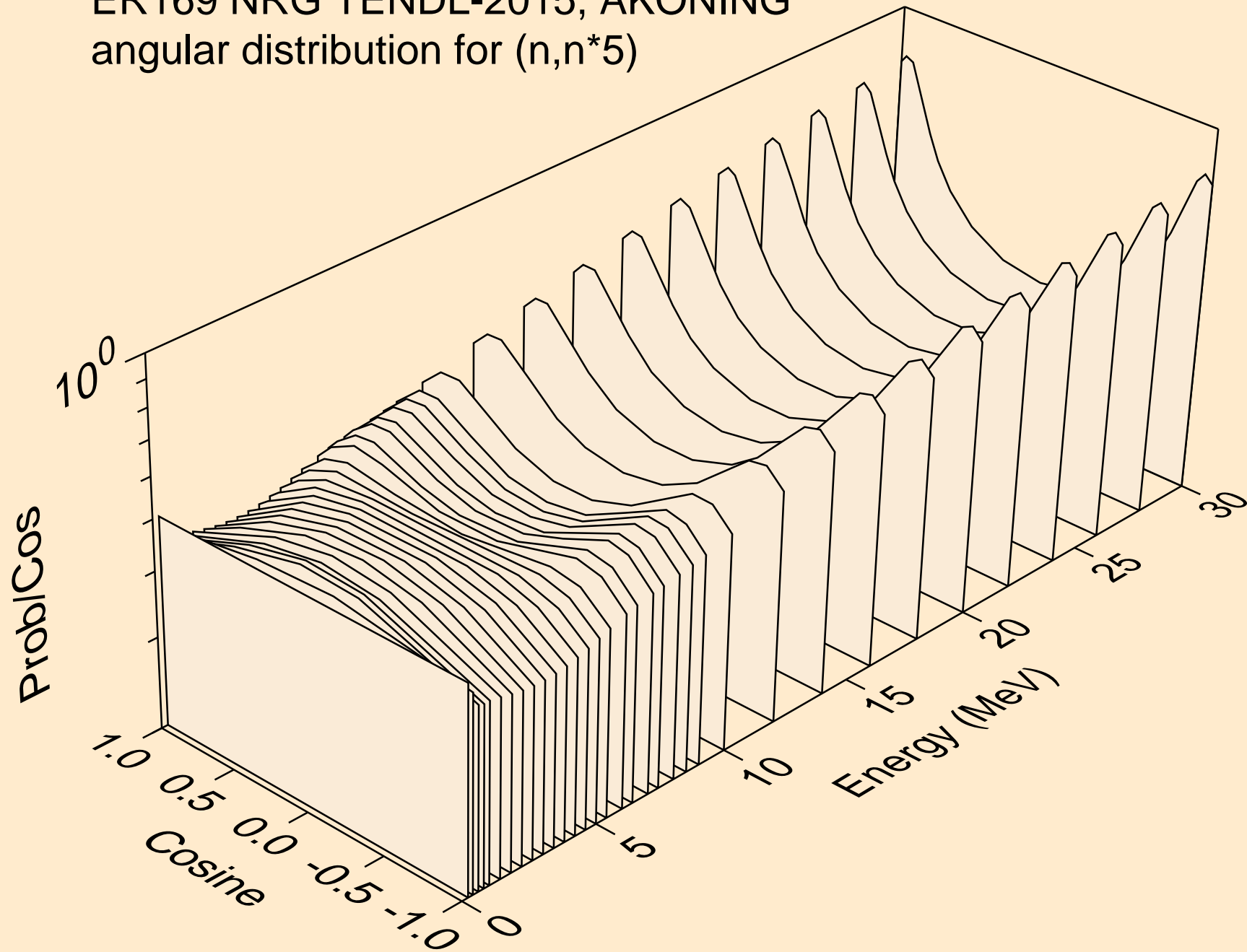
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



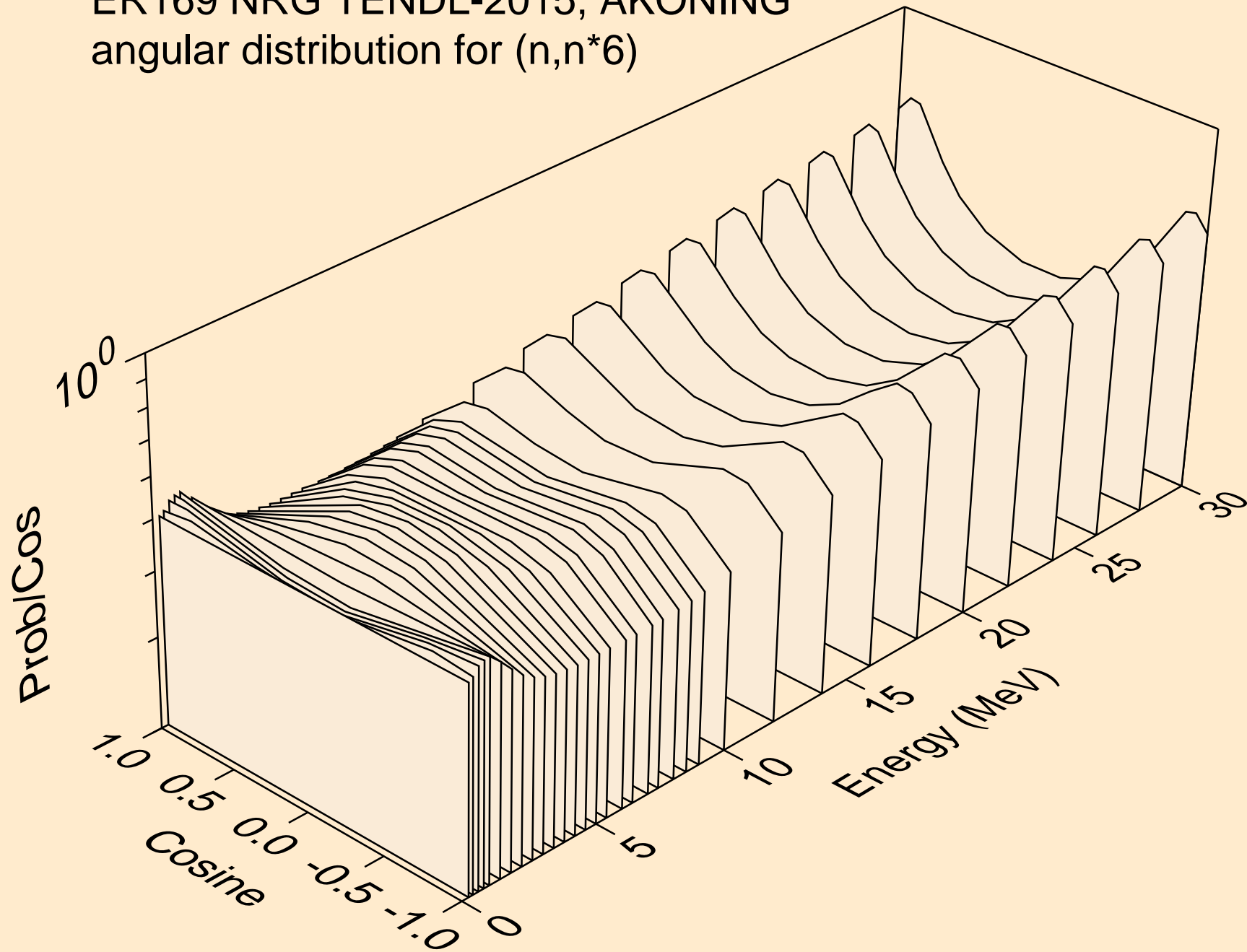
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



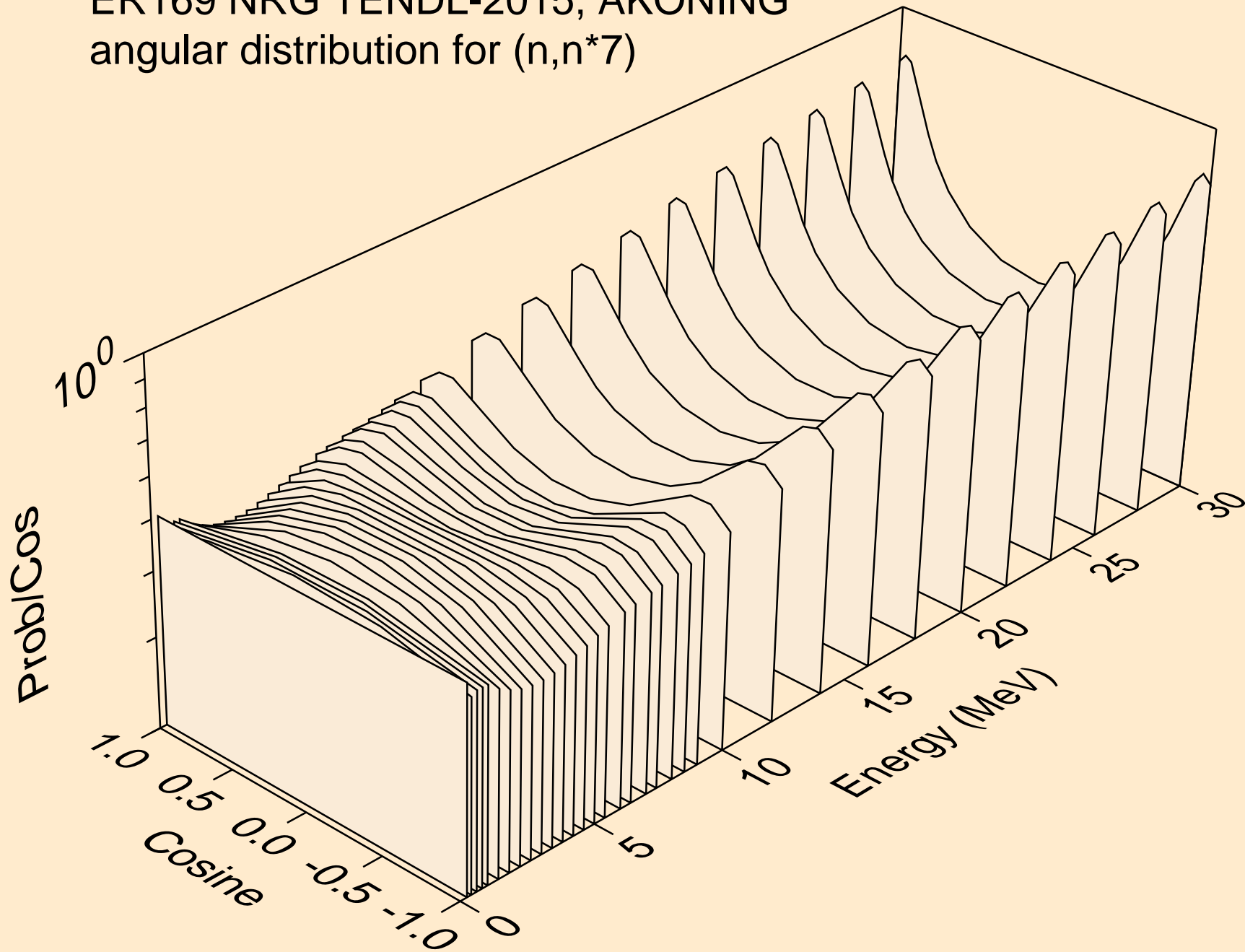
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

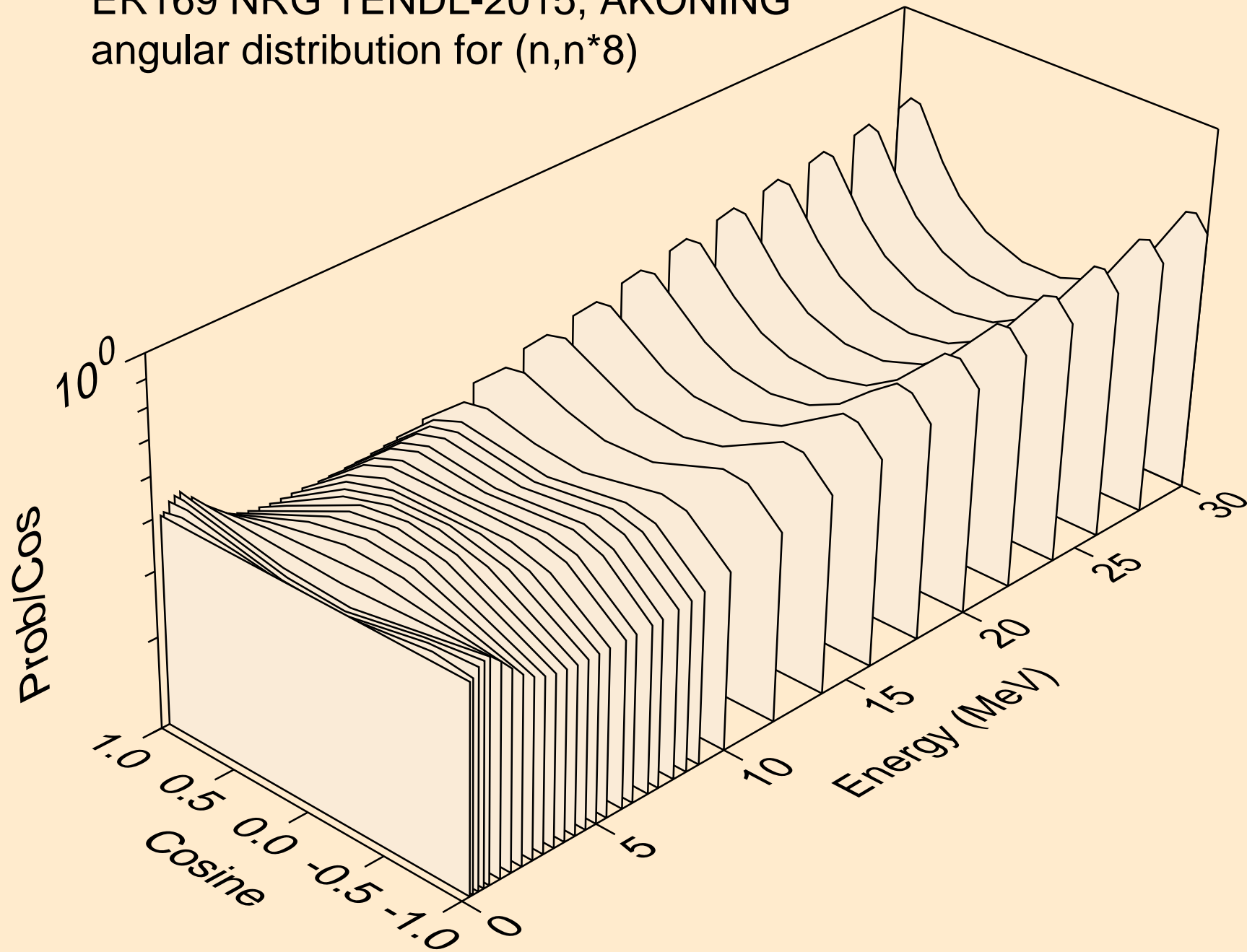


ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

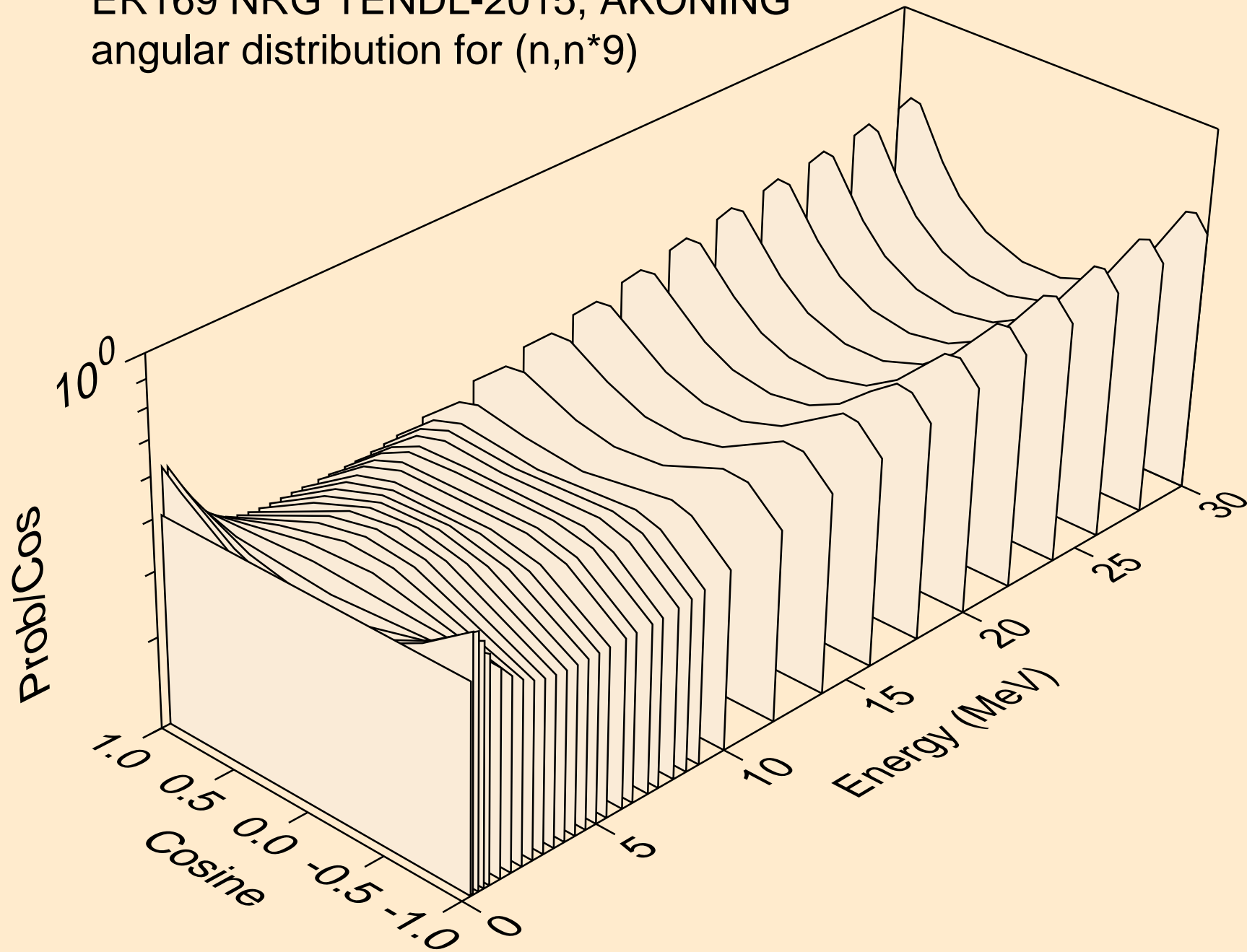




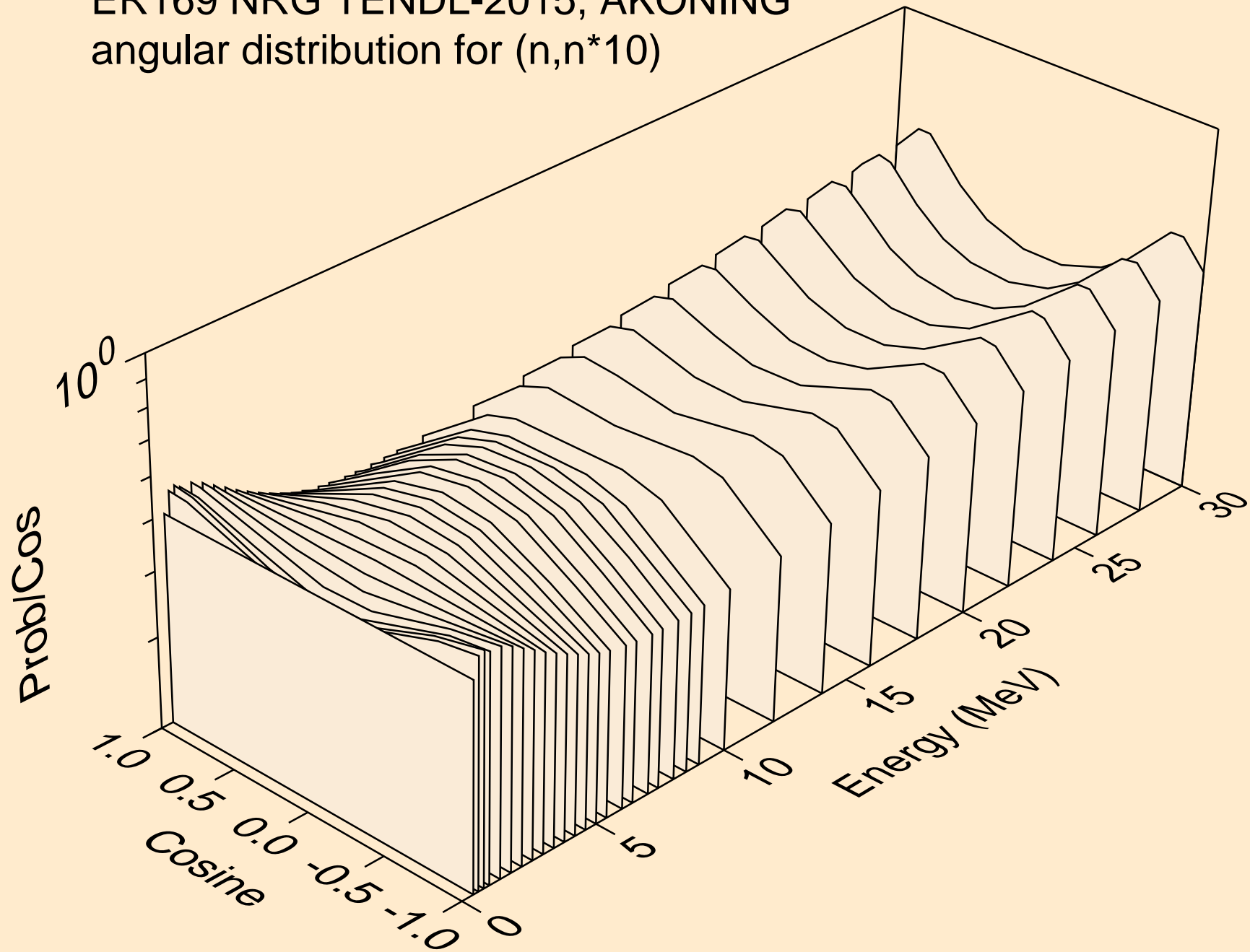
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



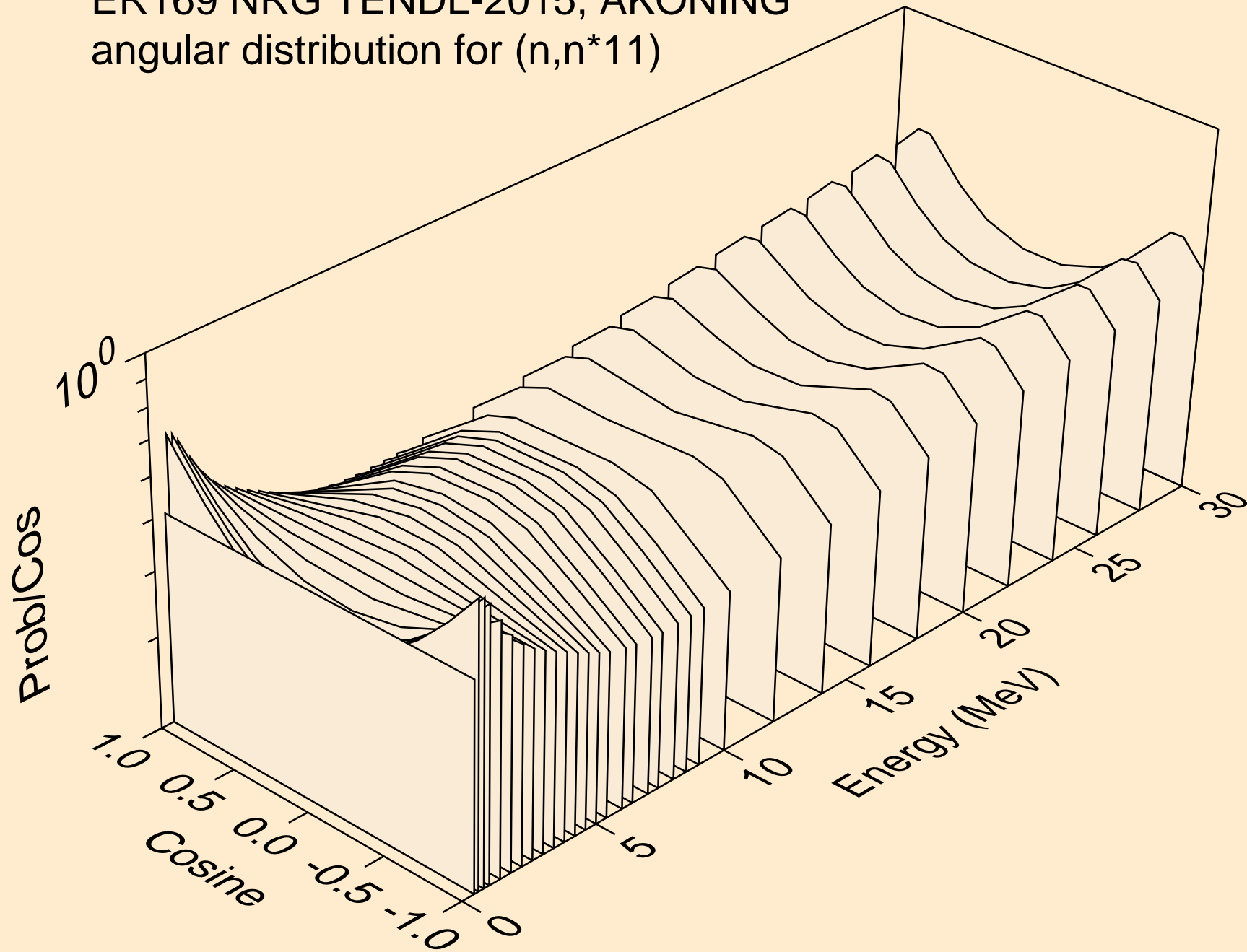
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



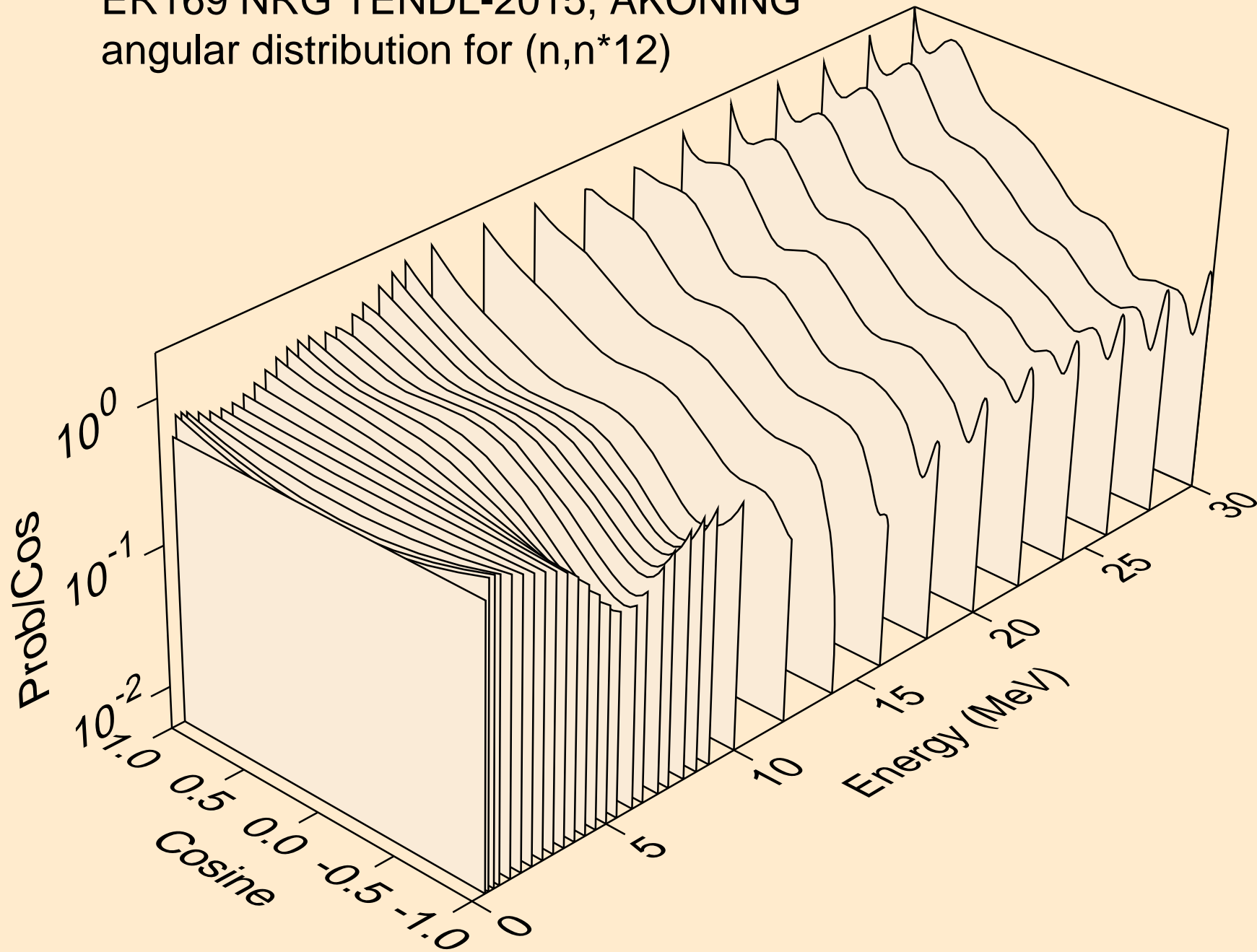
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



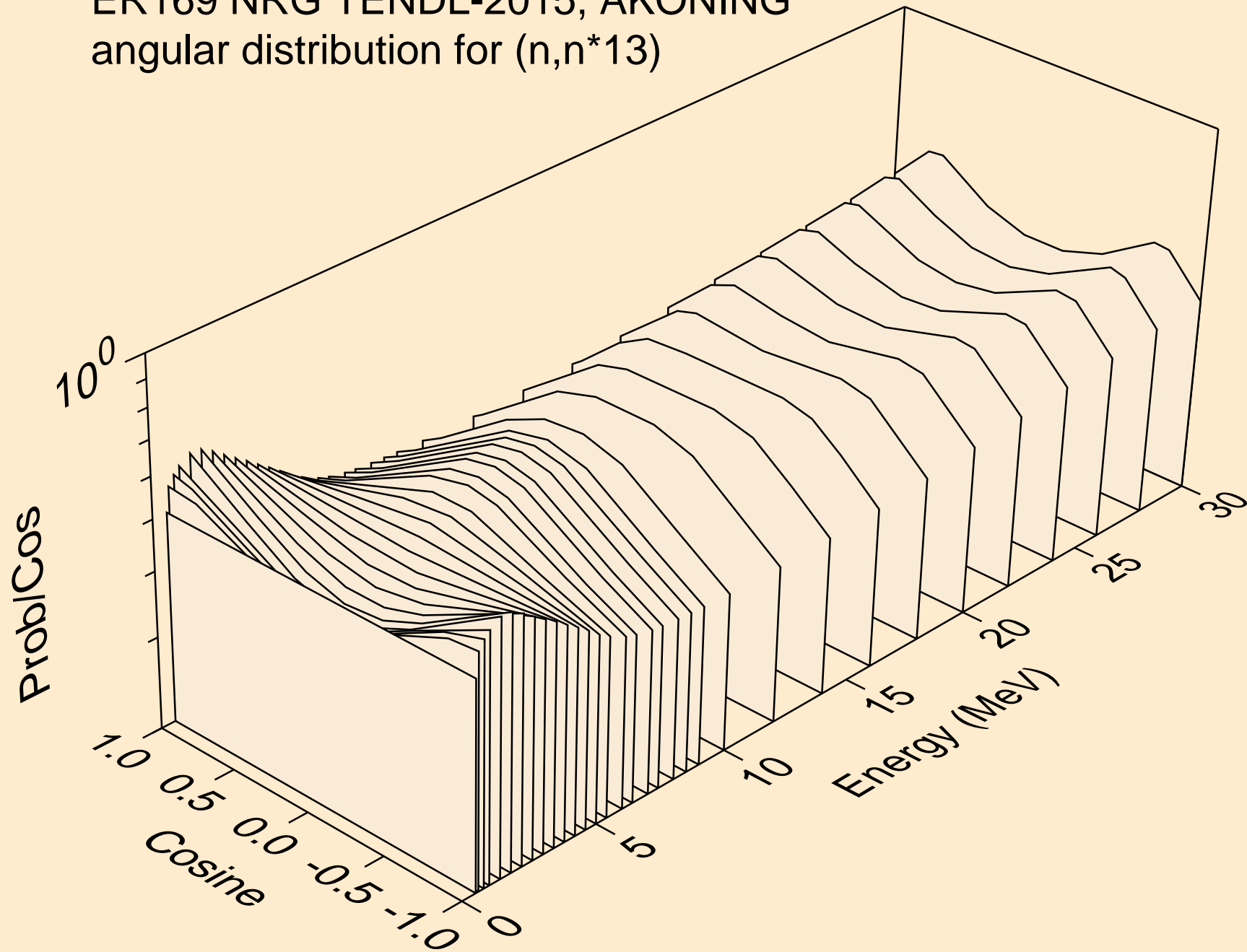
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



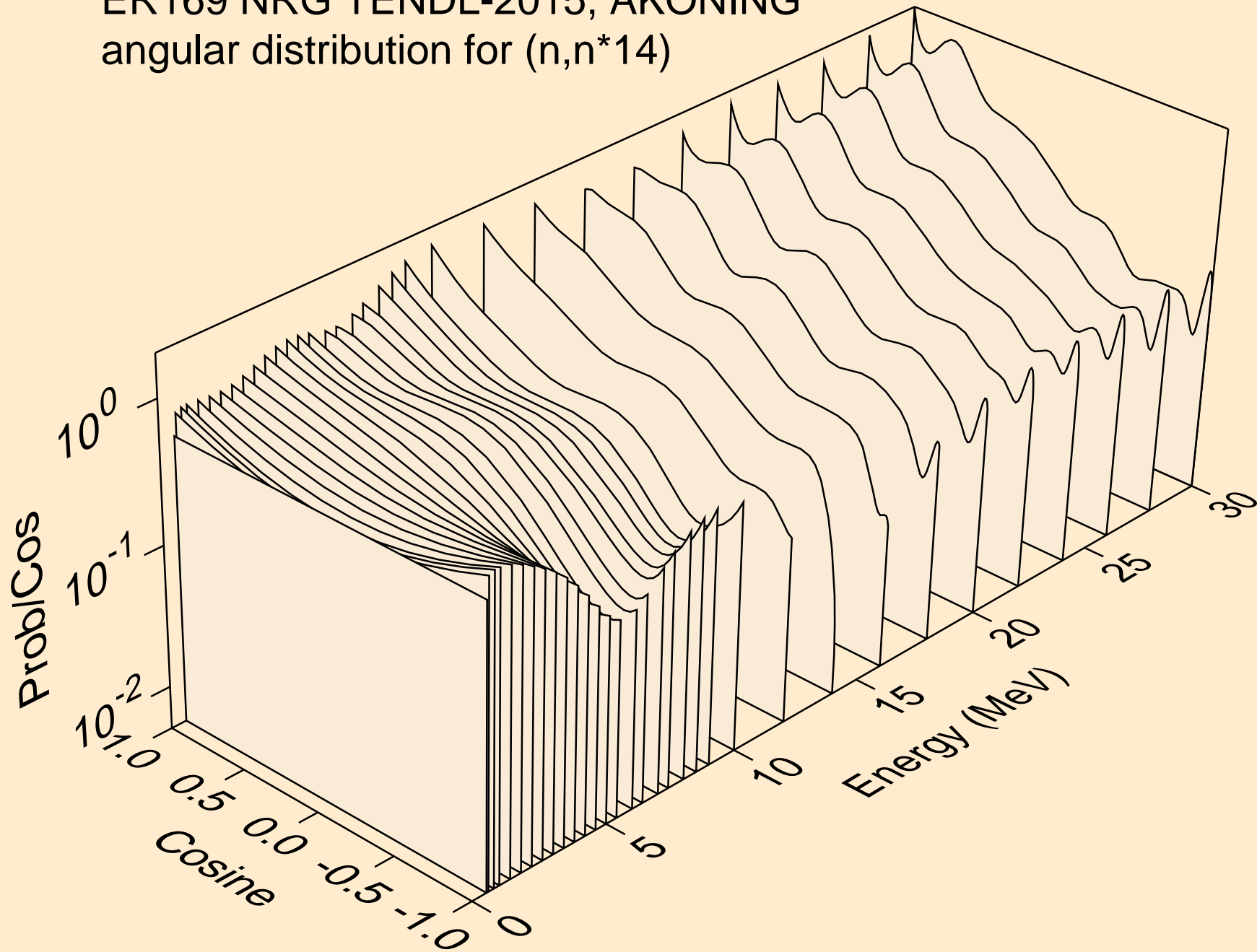
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



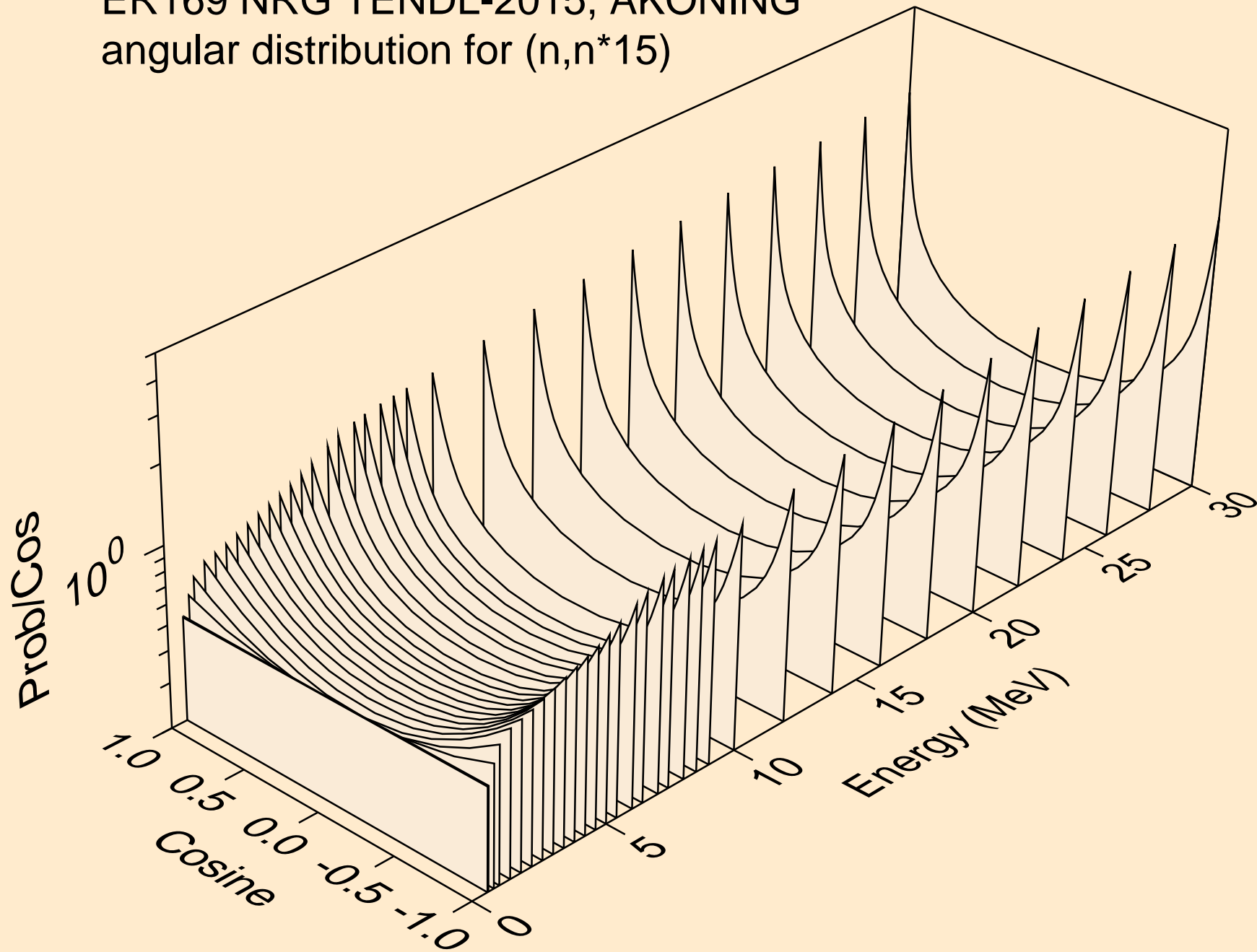
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

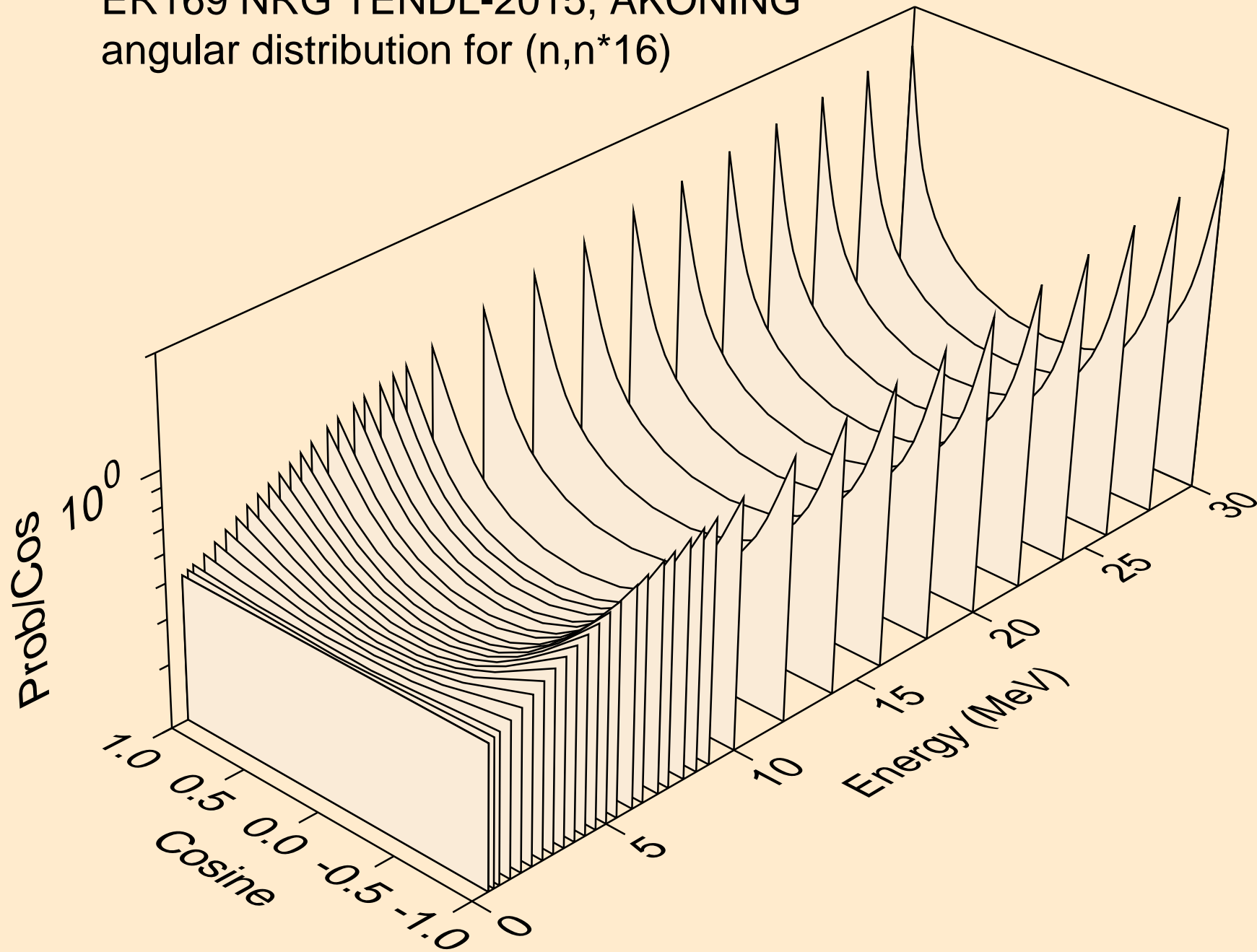


ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

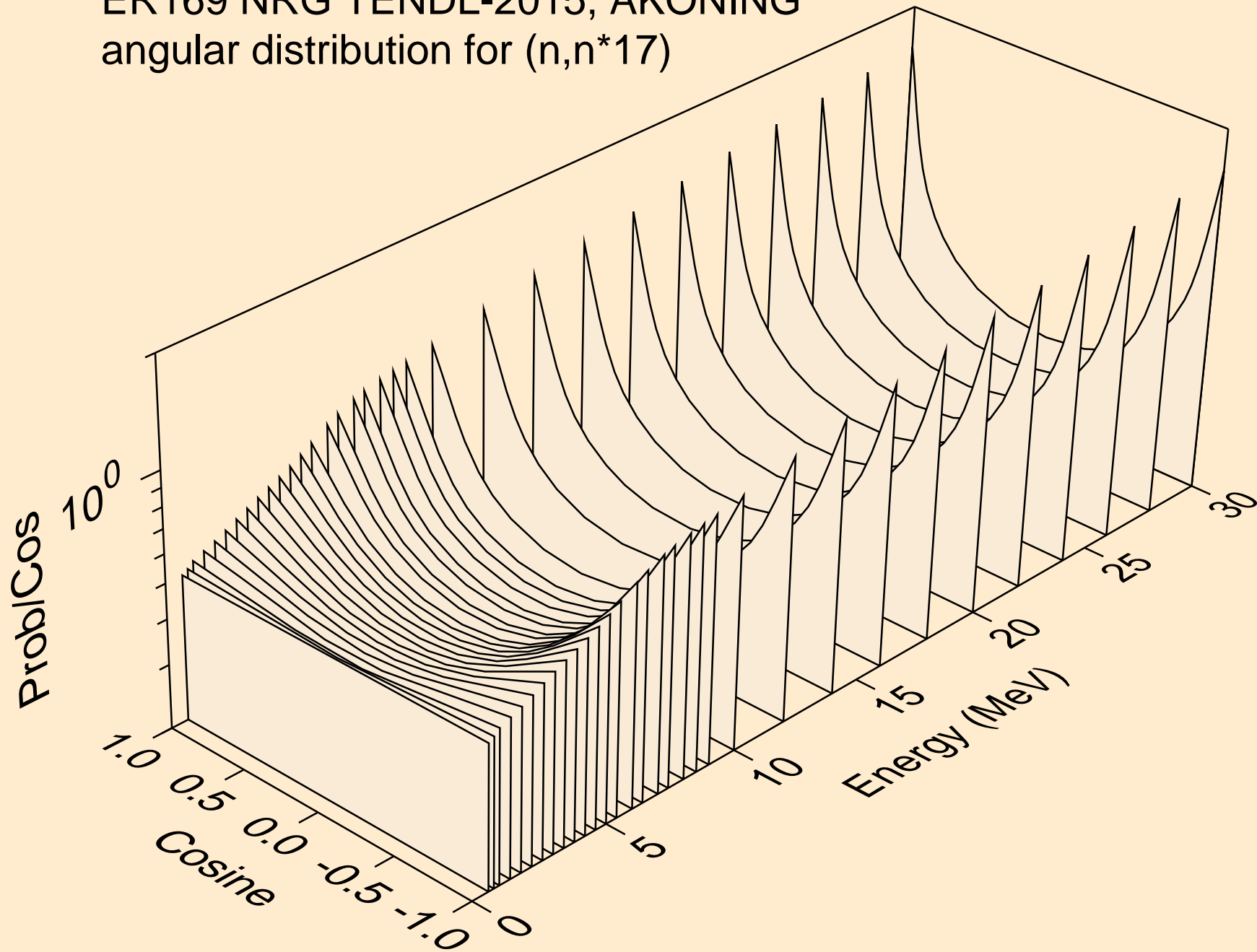




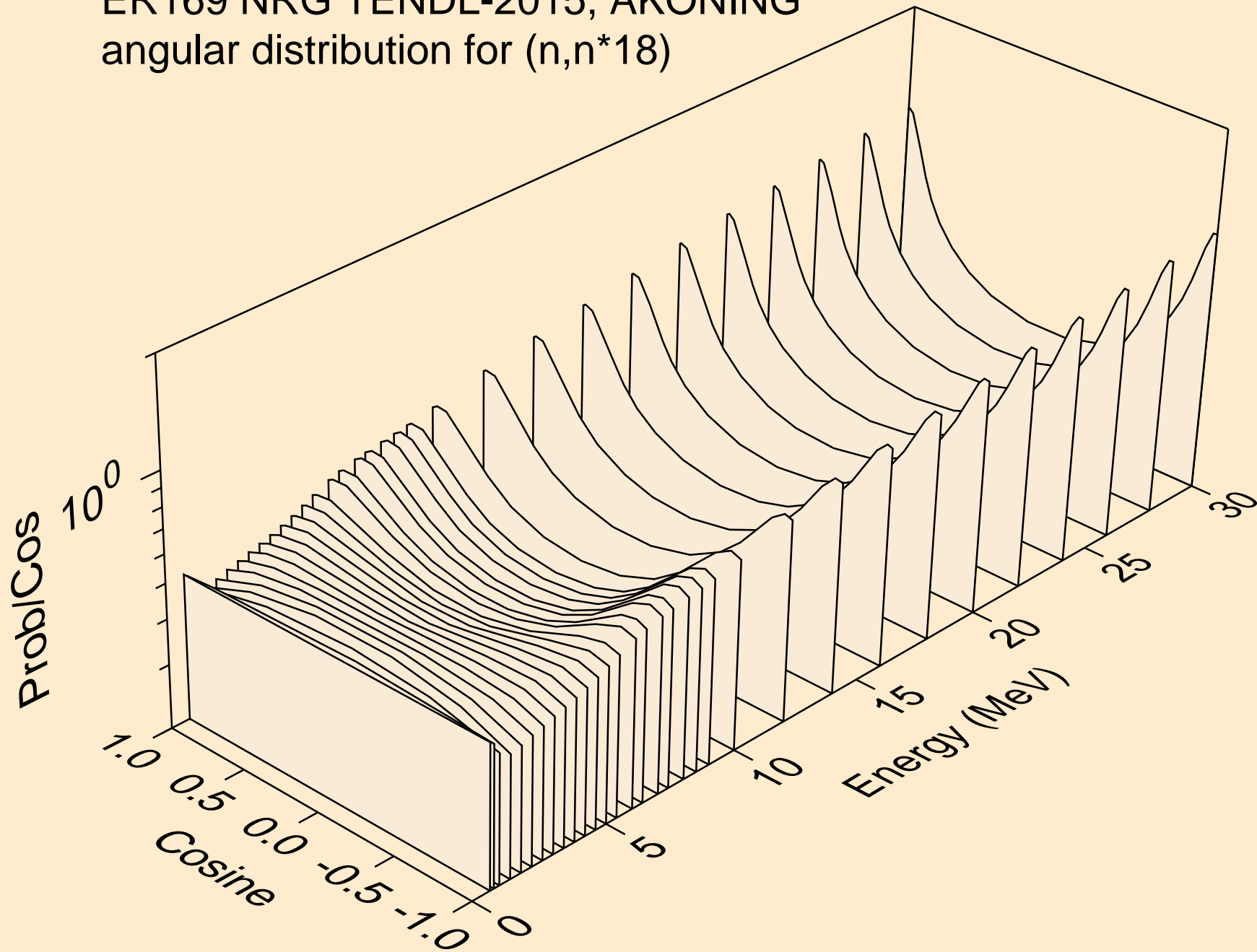
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



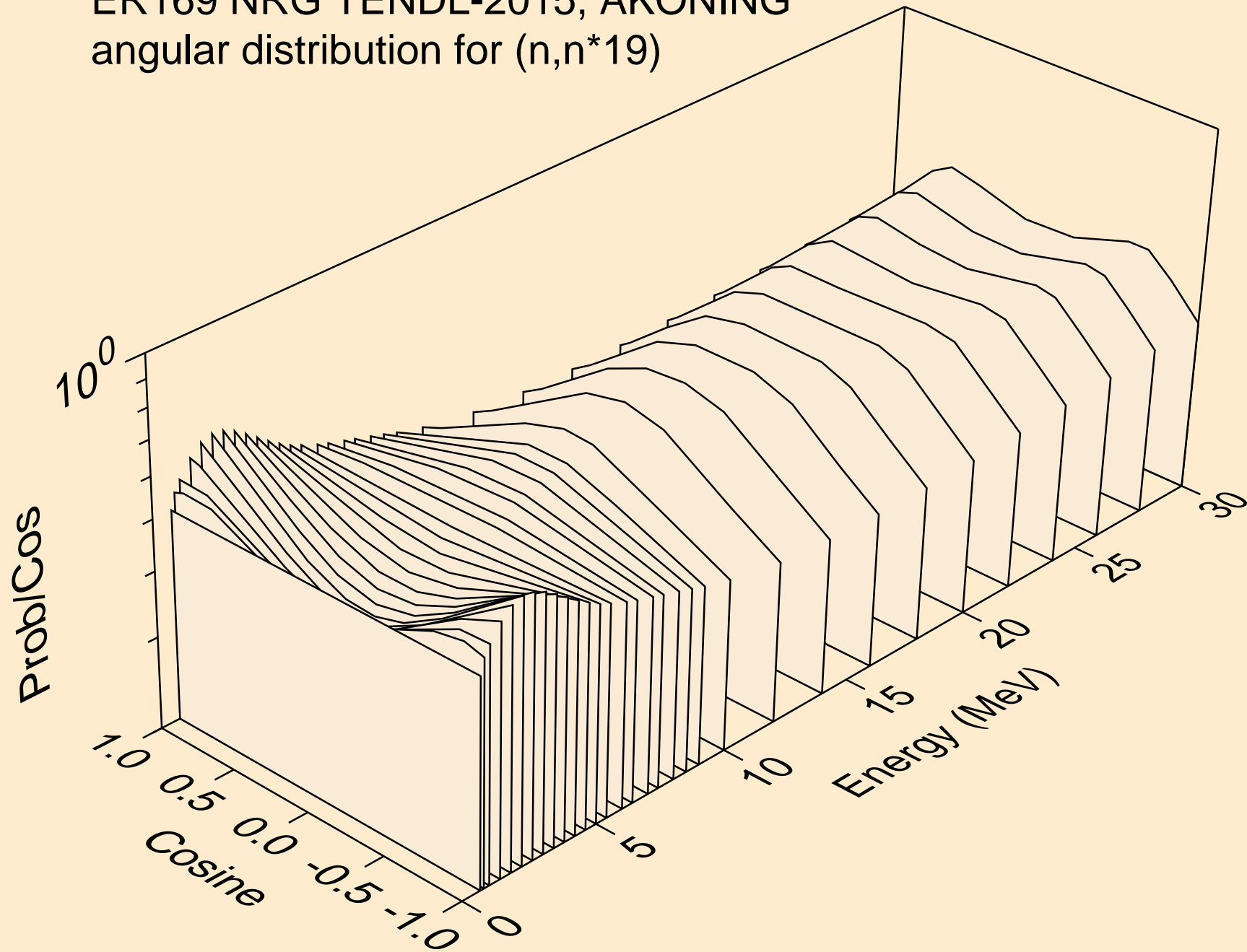
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



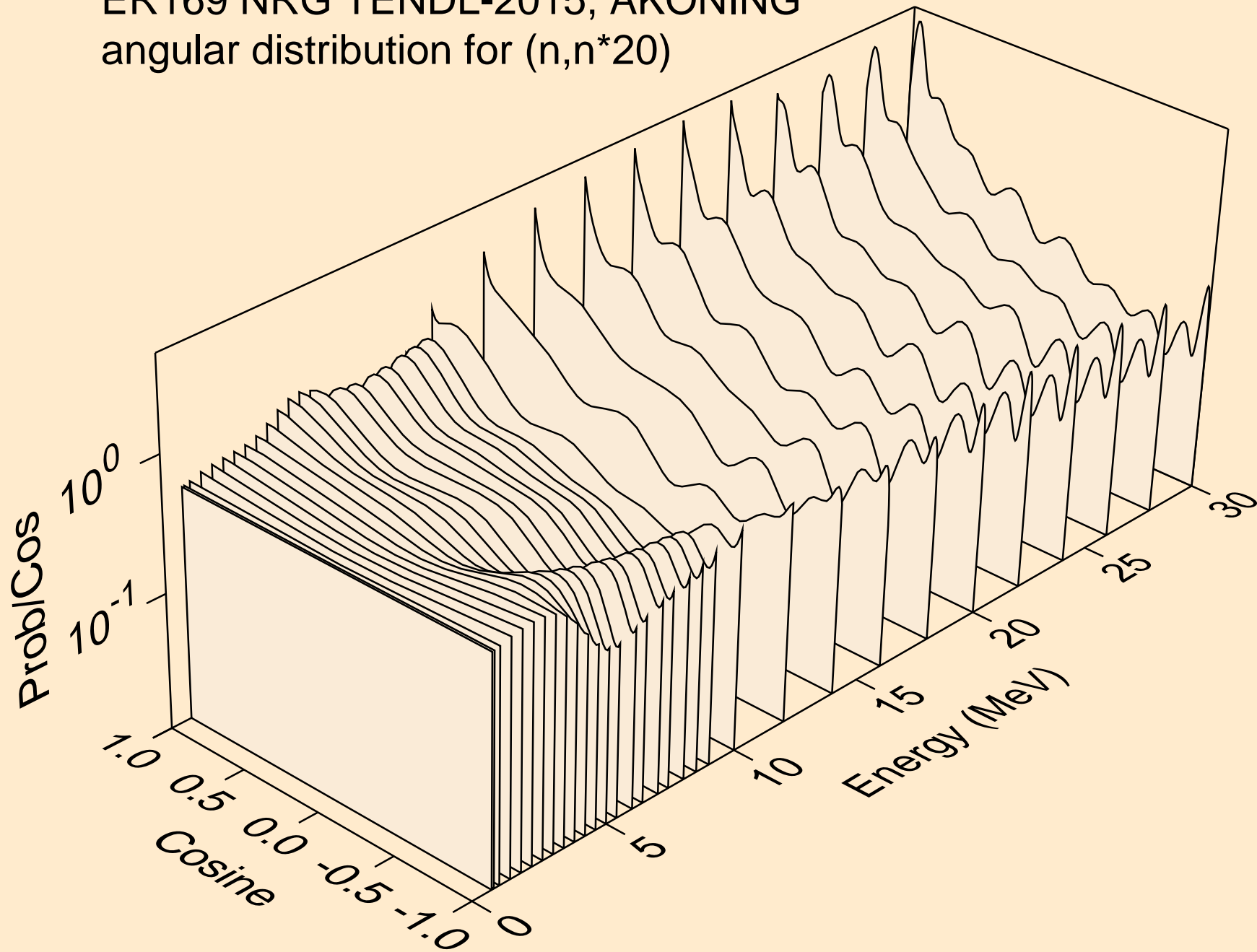
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



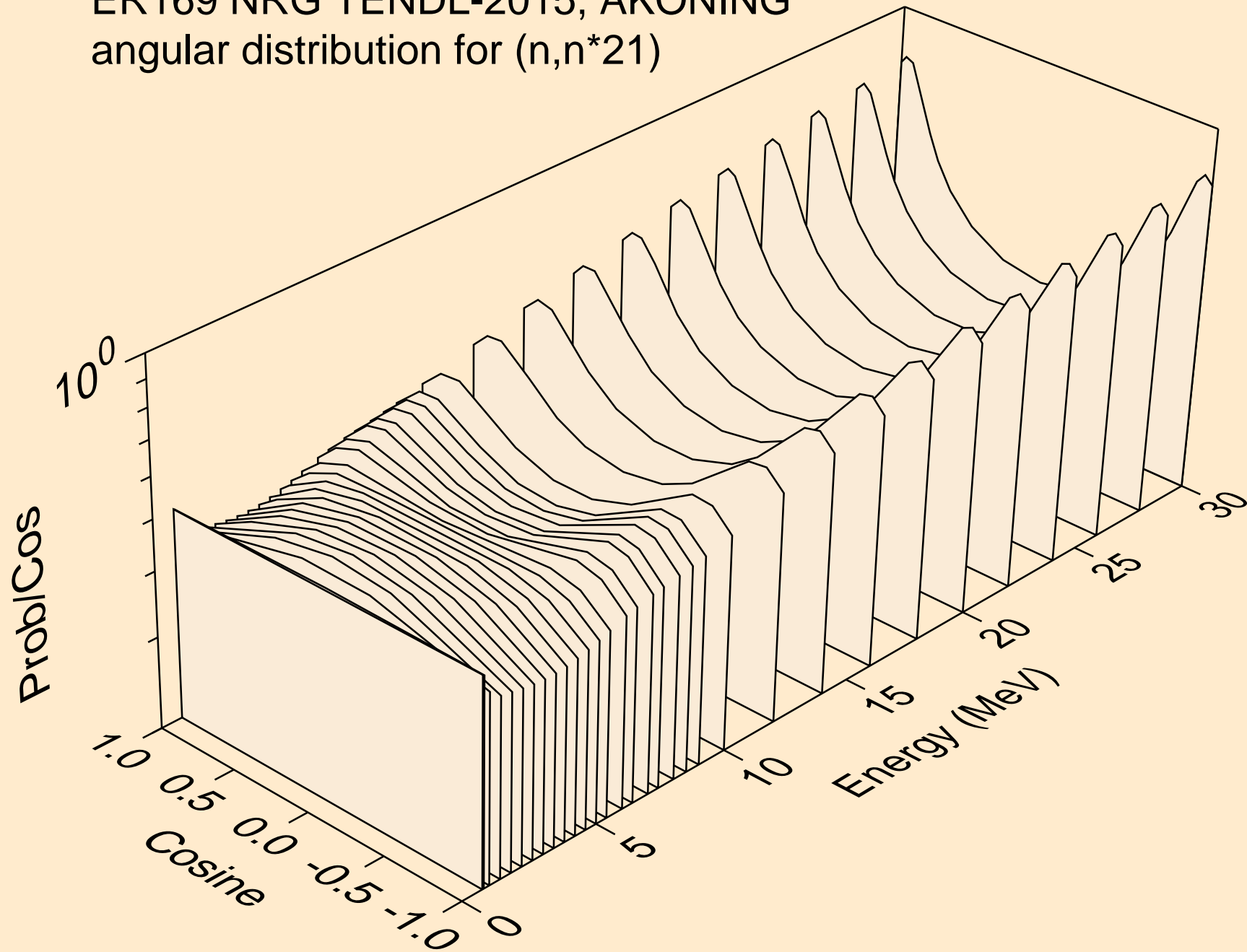
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



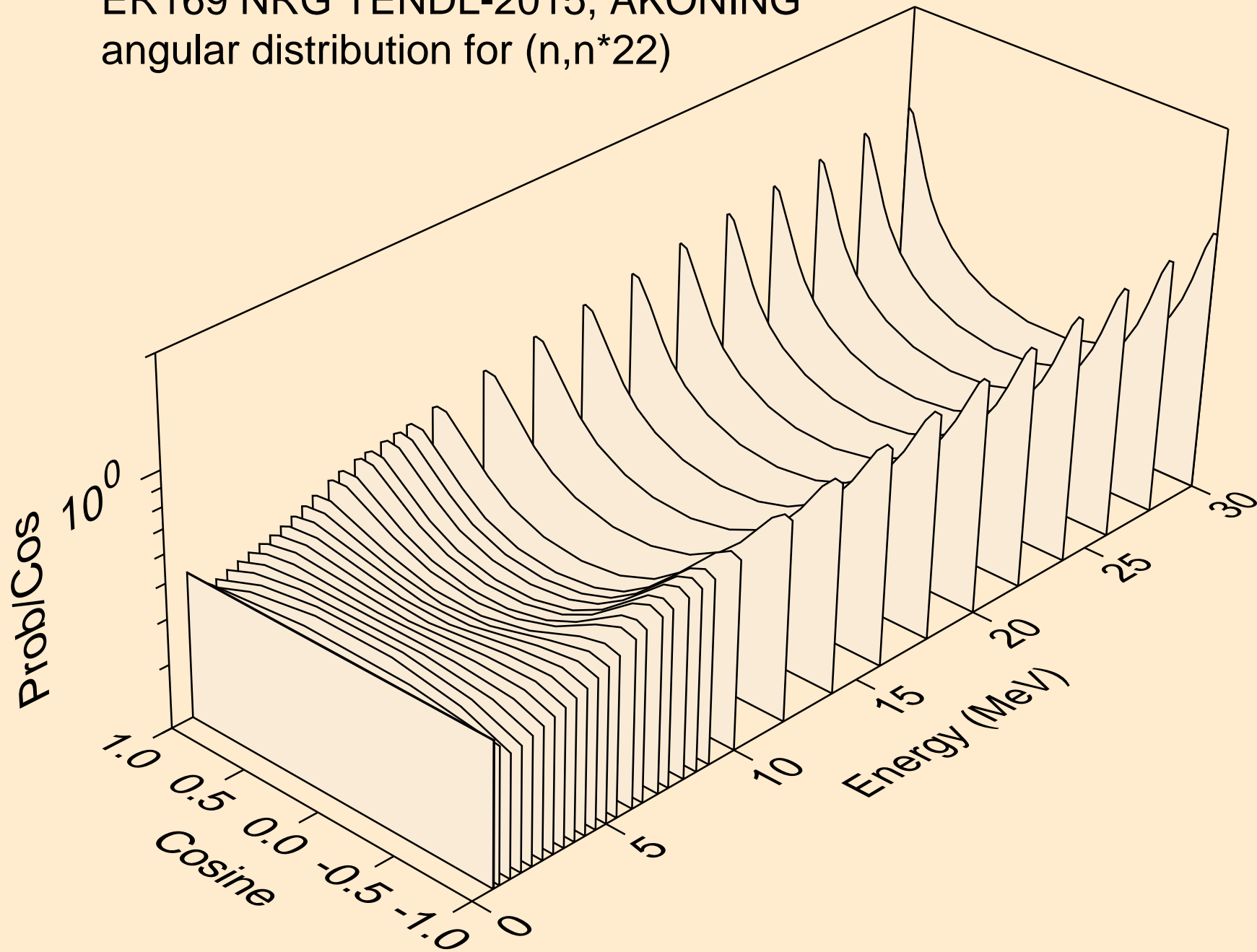
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



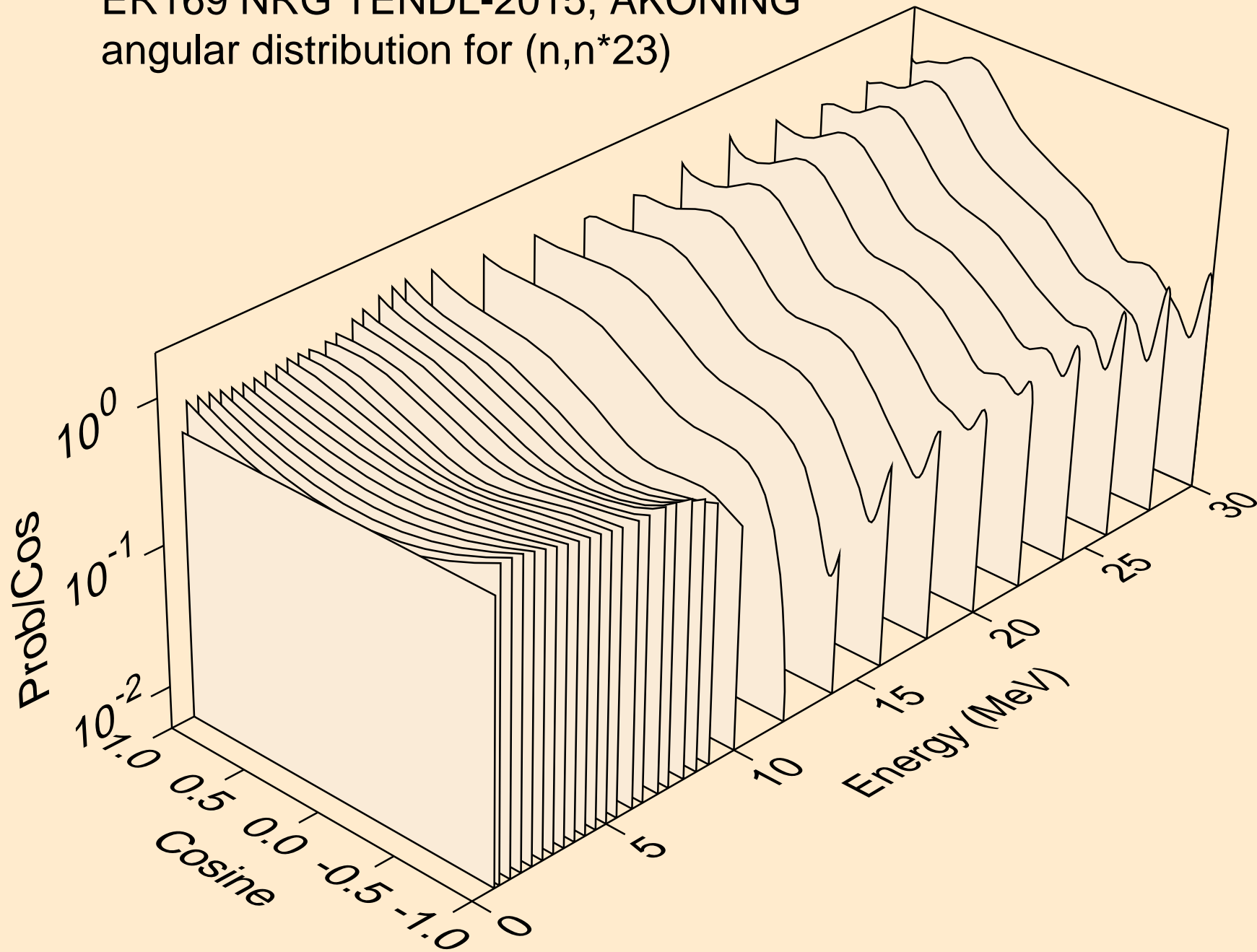
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

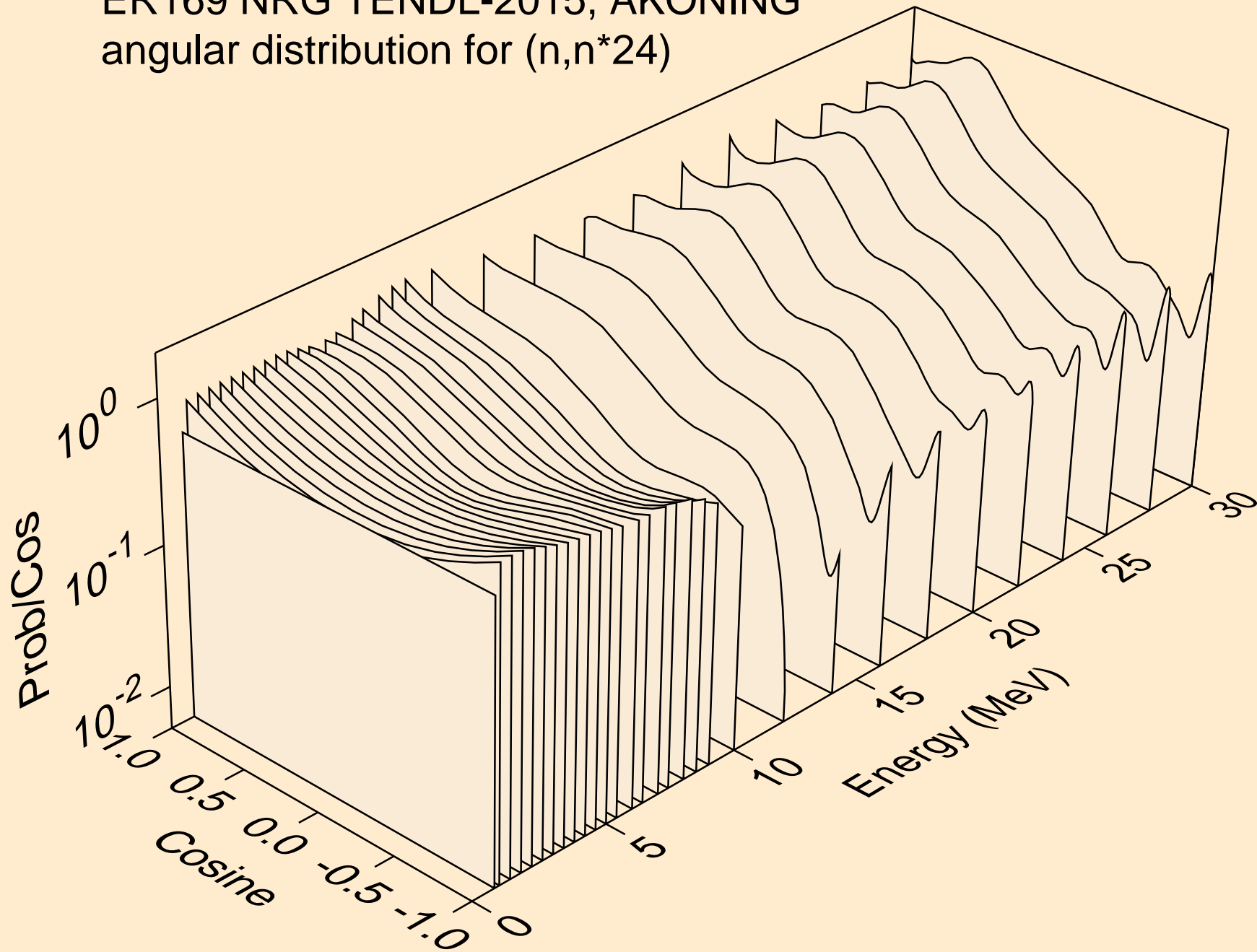


ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

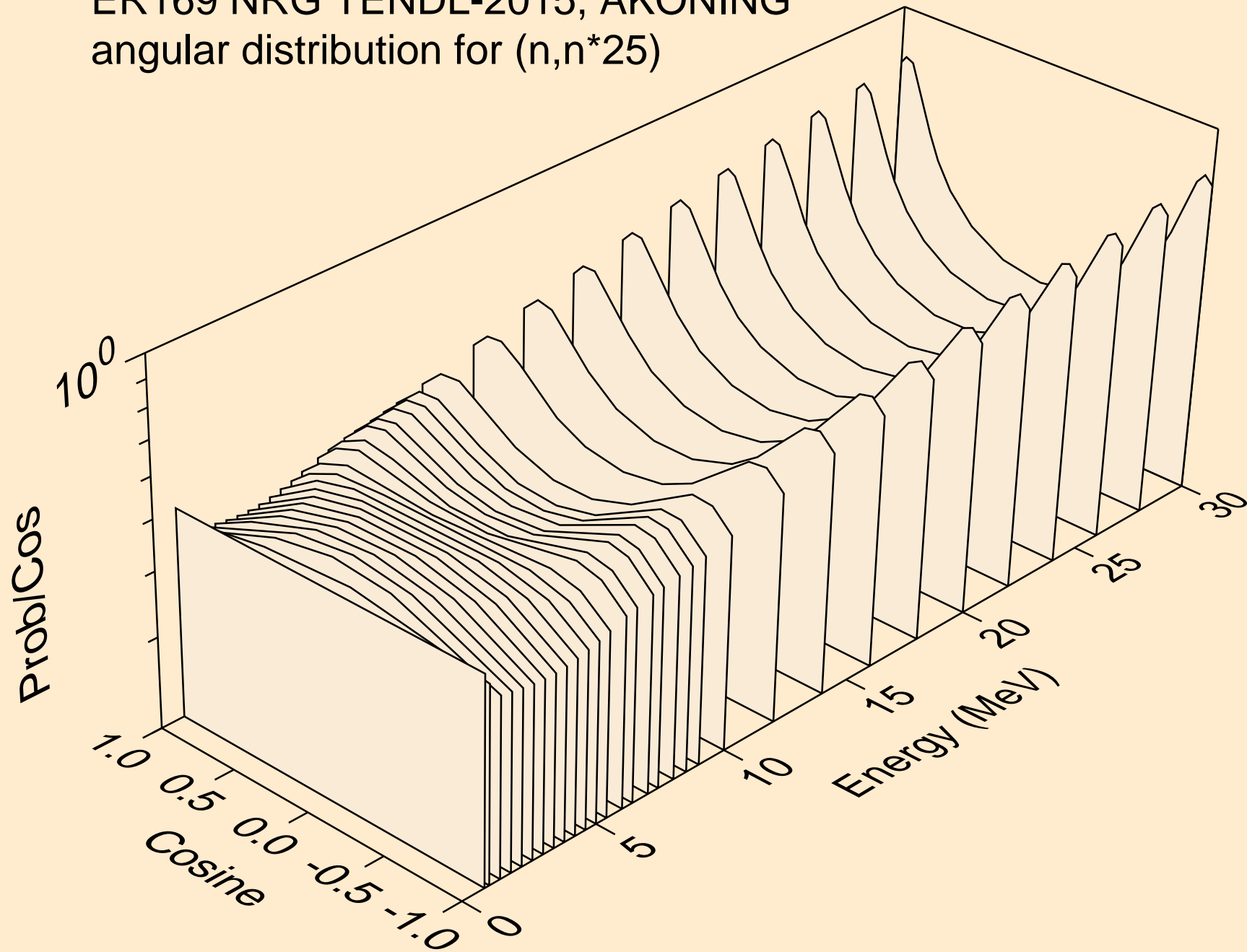




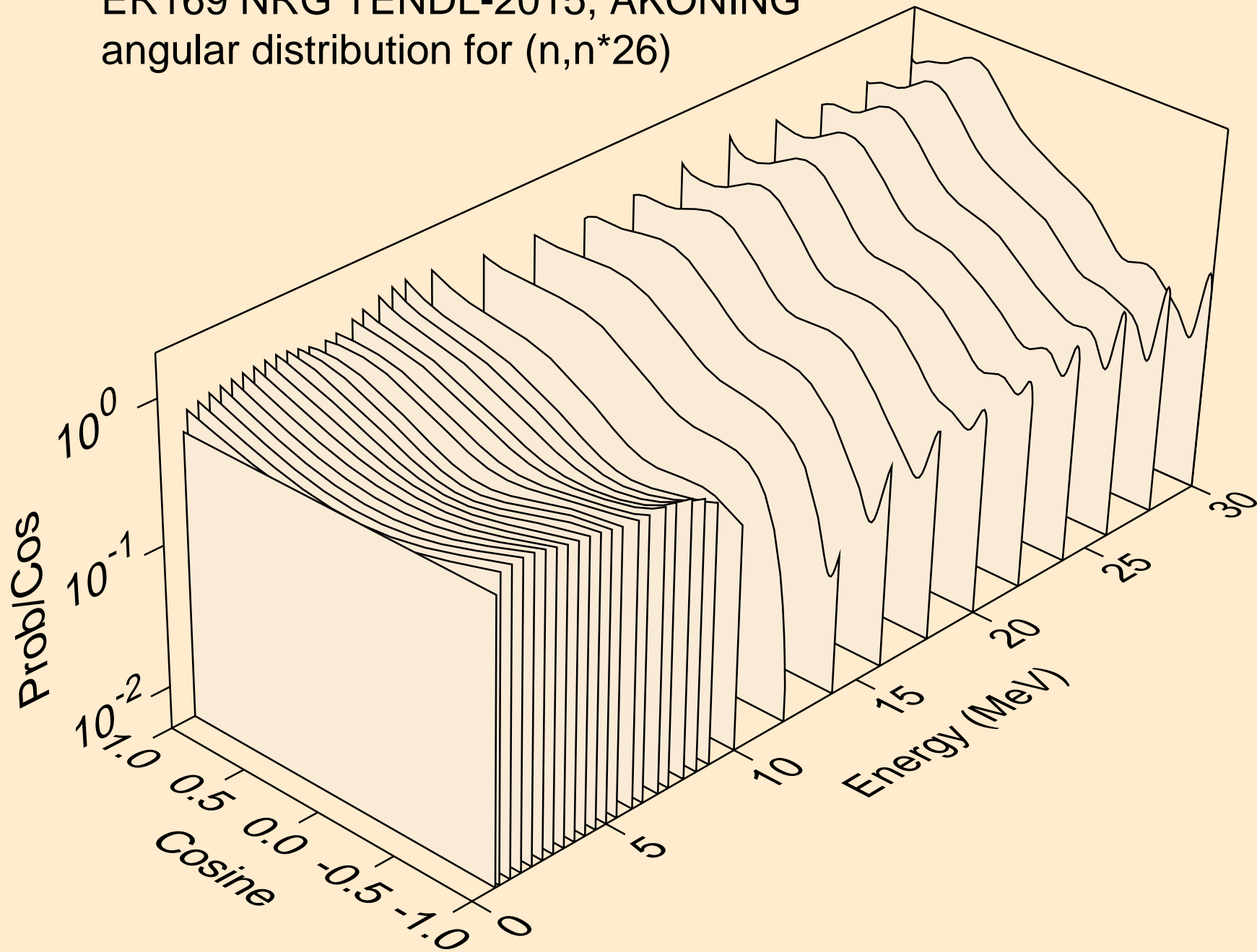
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



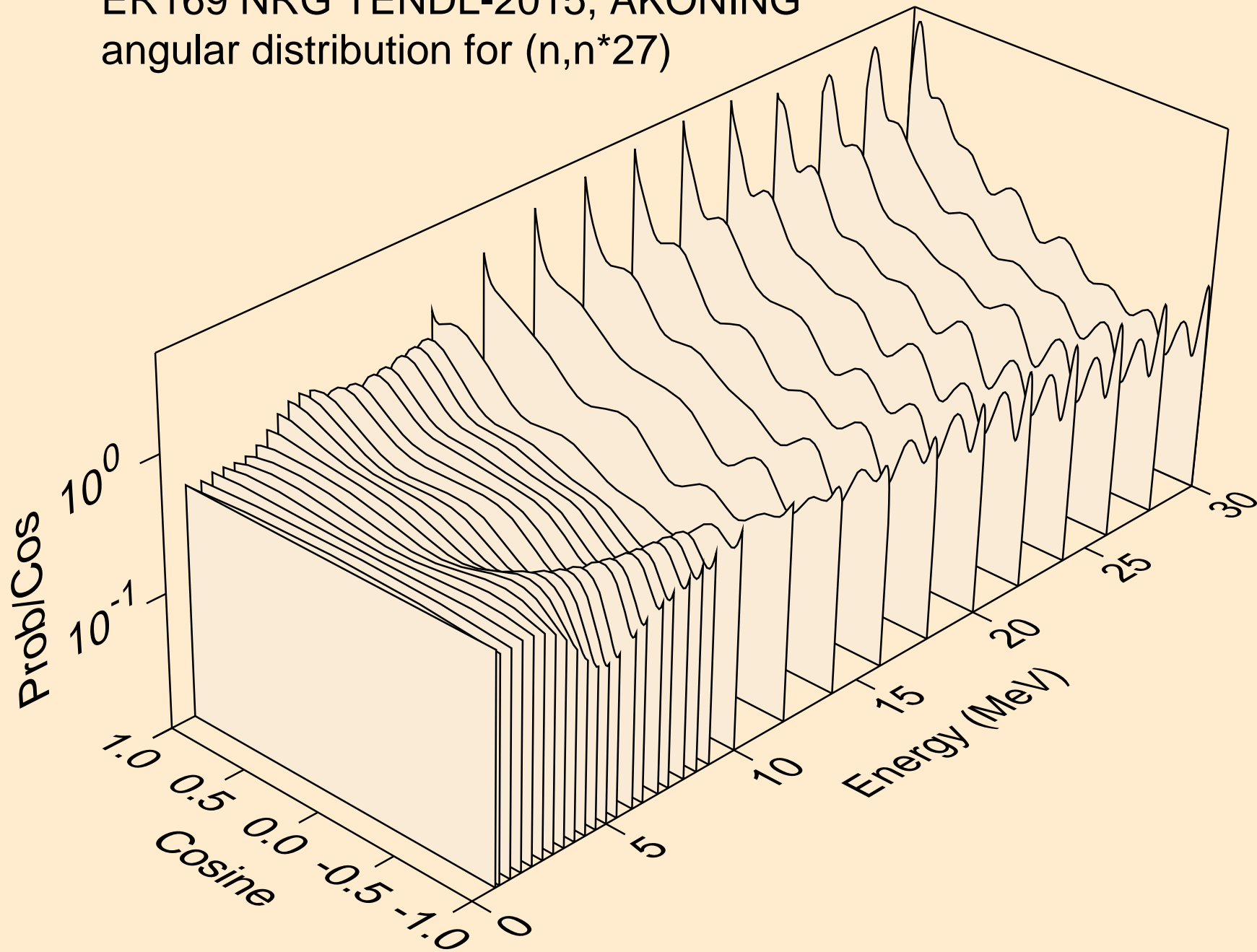
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angular distribution for (n,n\*25)



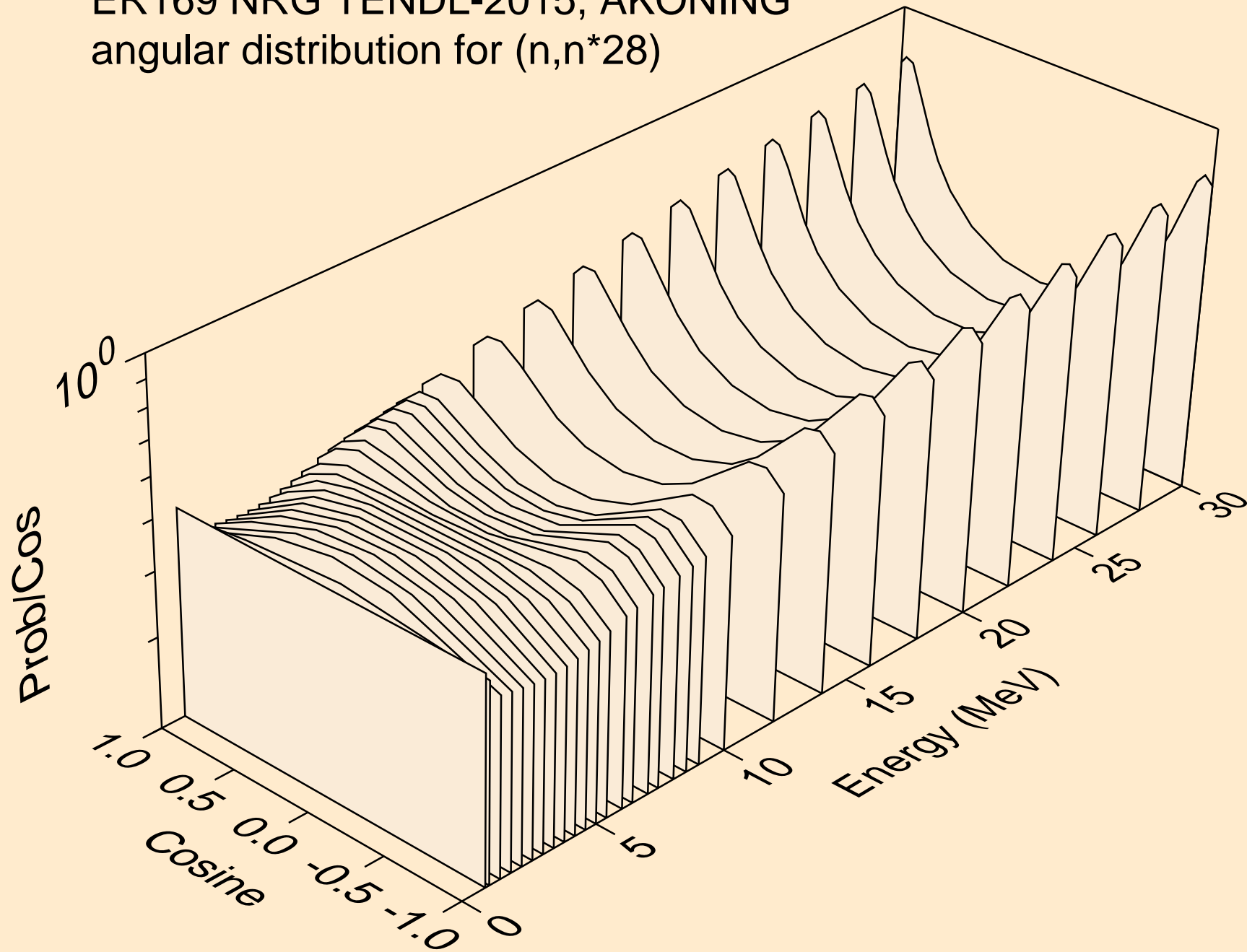
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



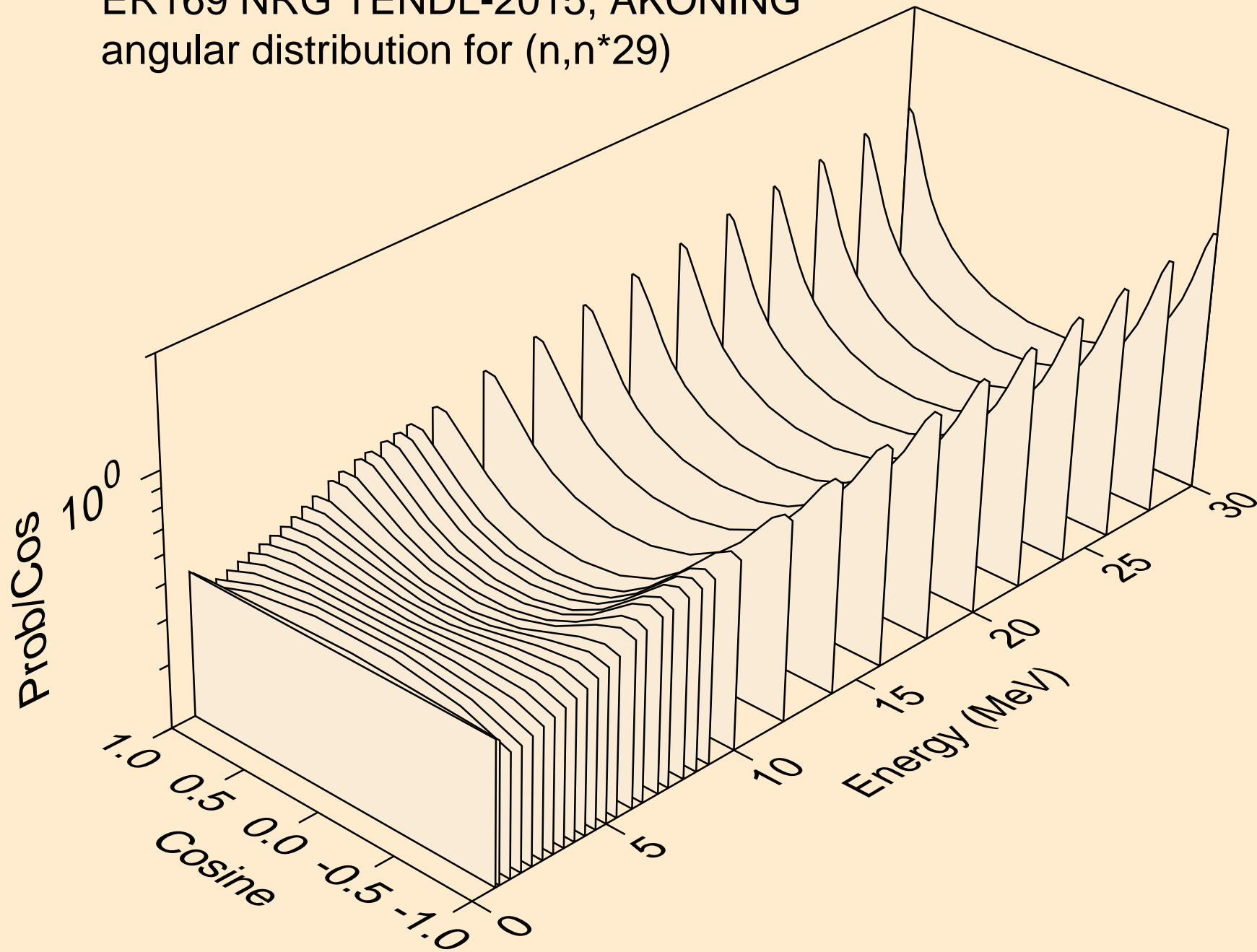
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



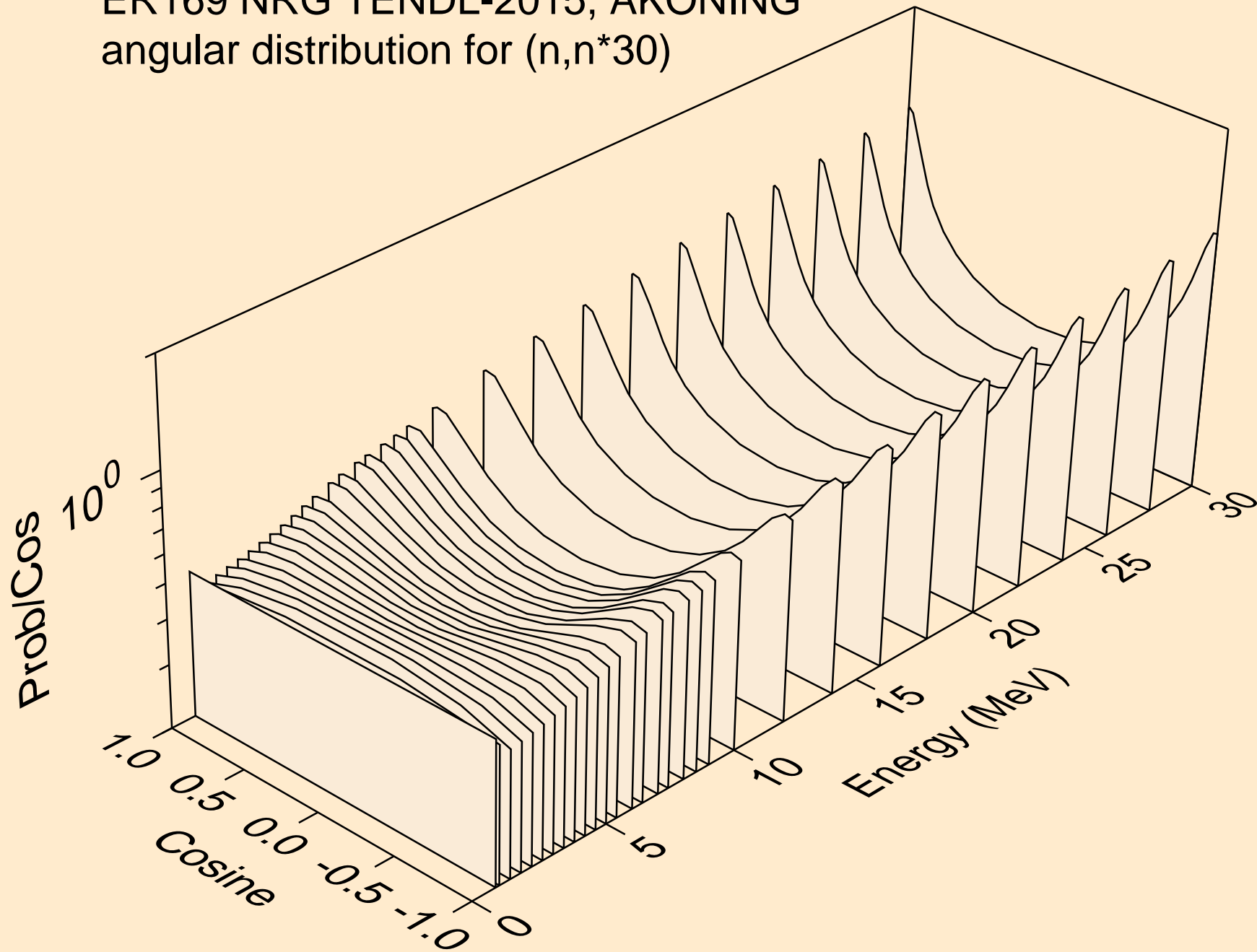
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



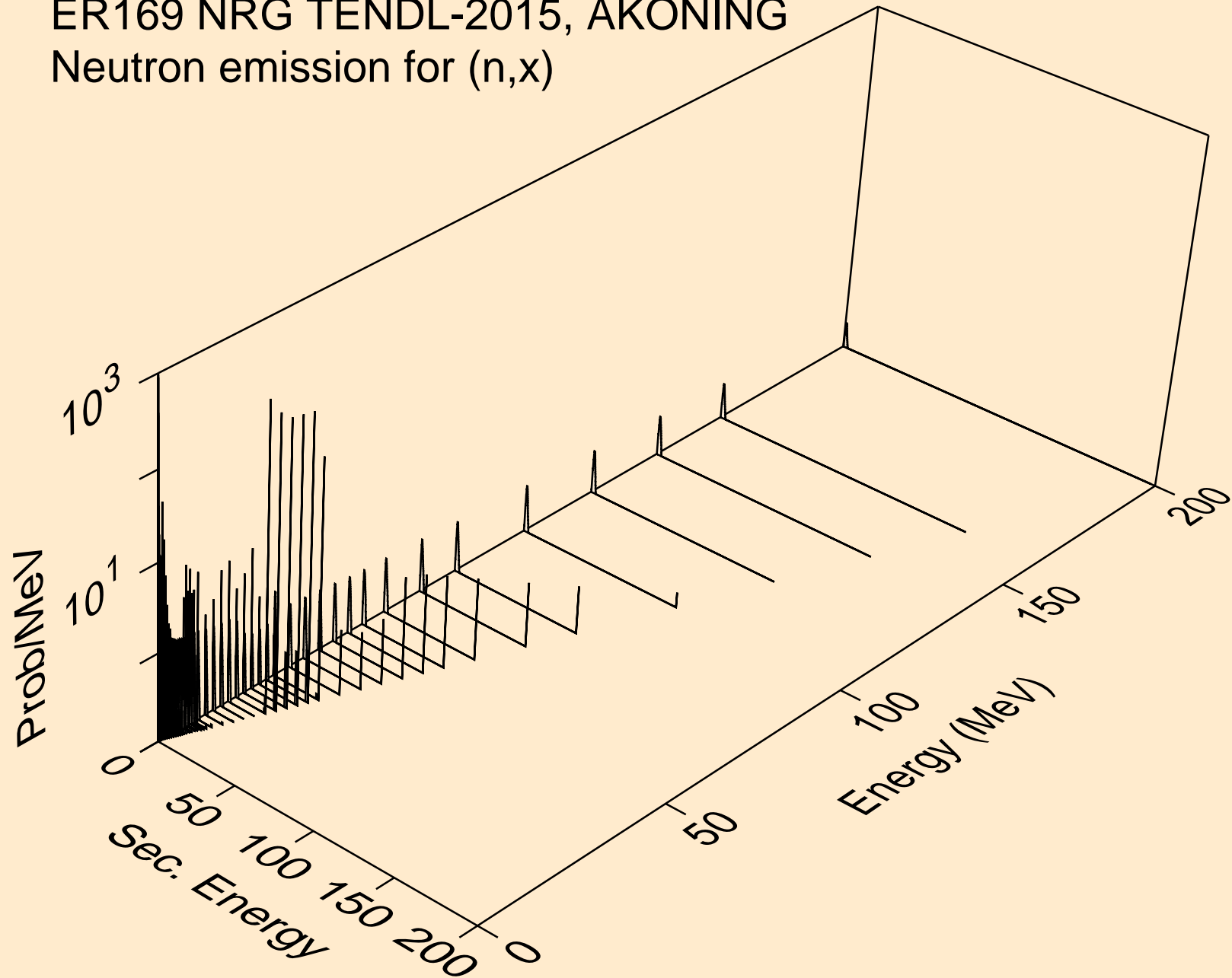
ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



ER169 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

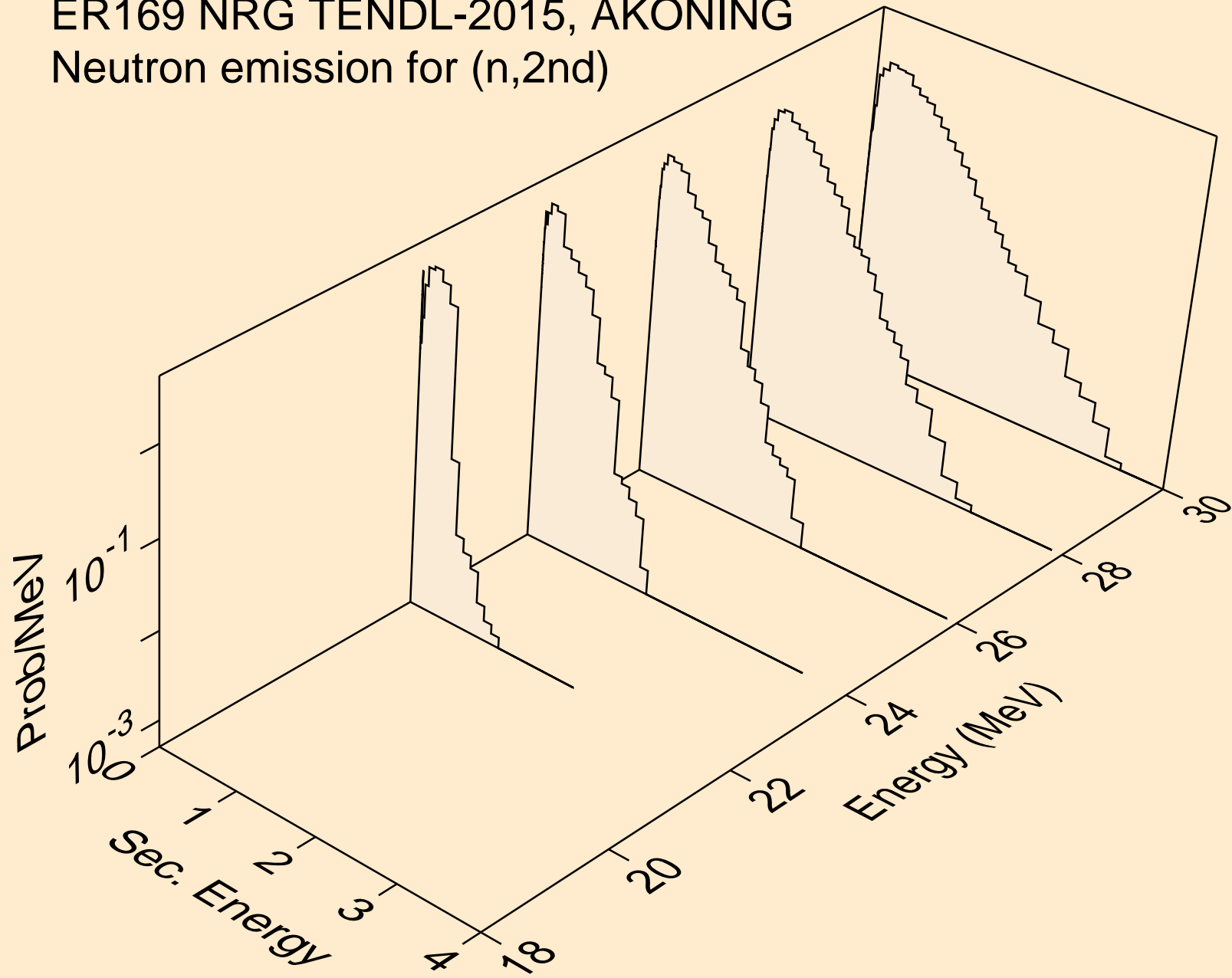


ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

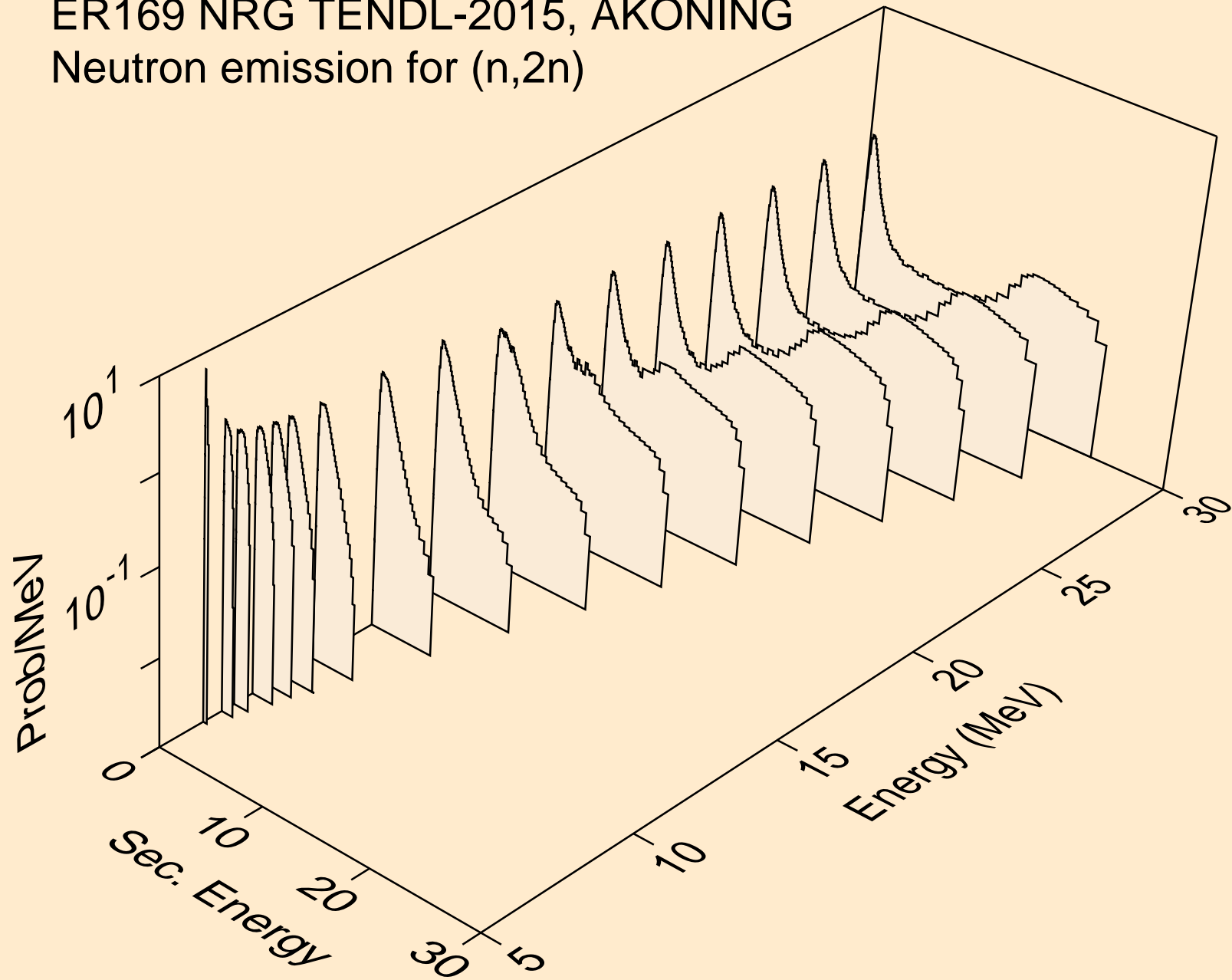




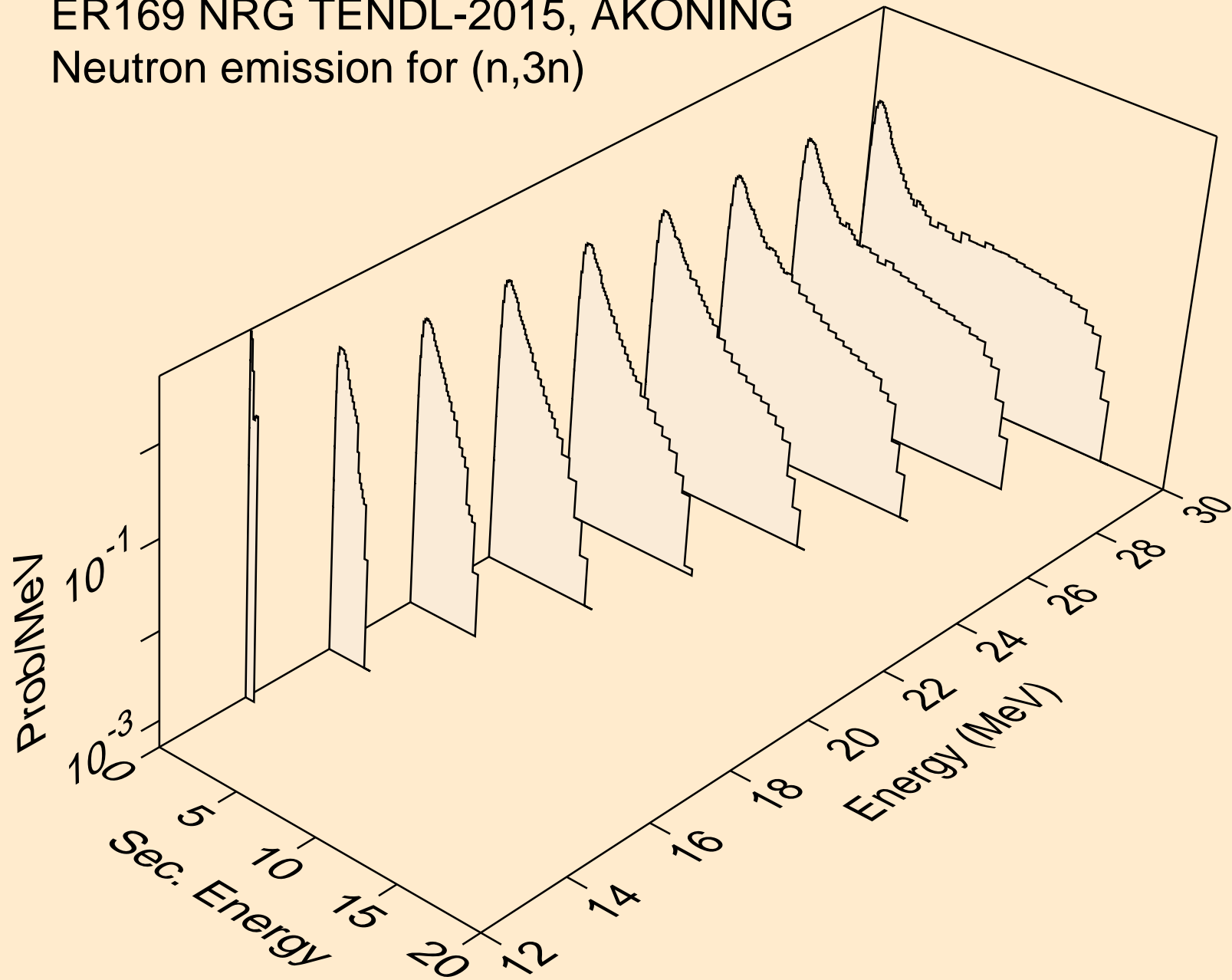
ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



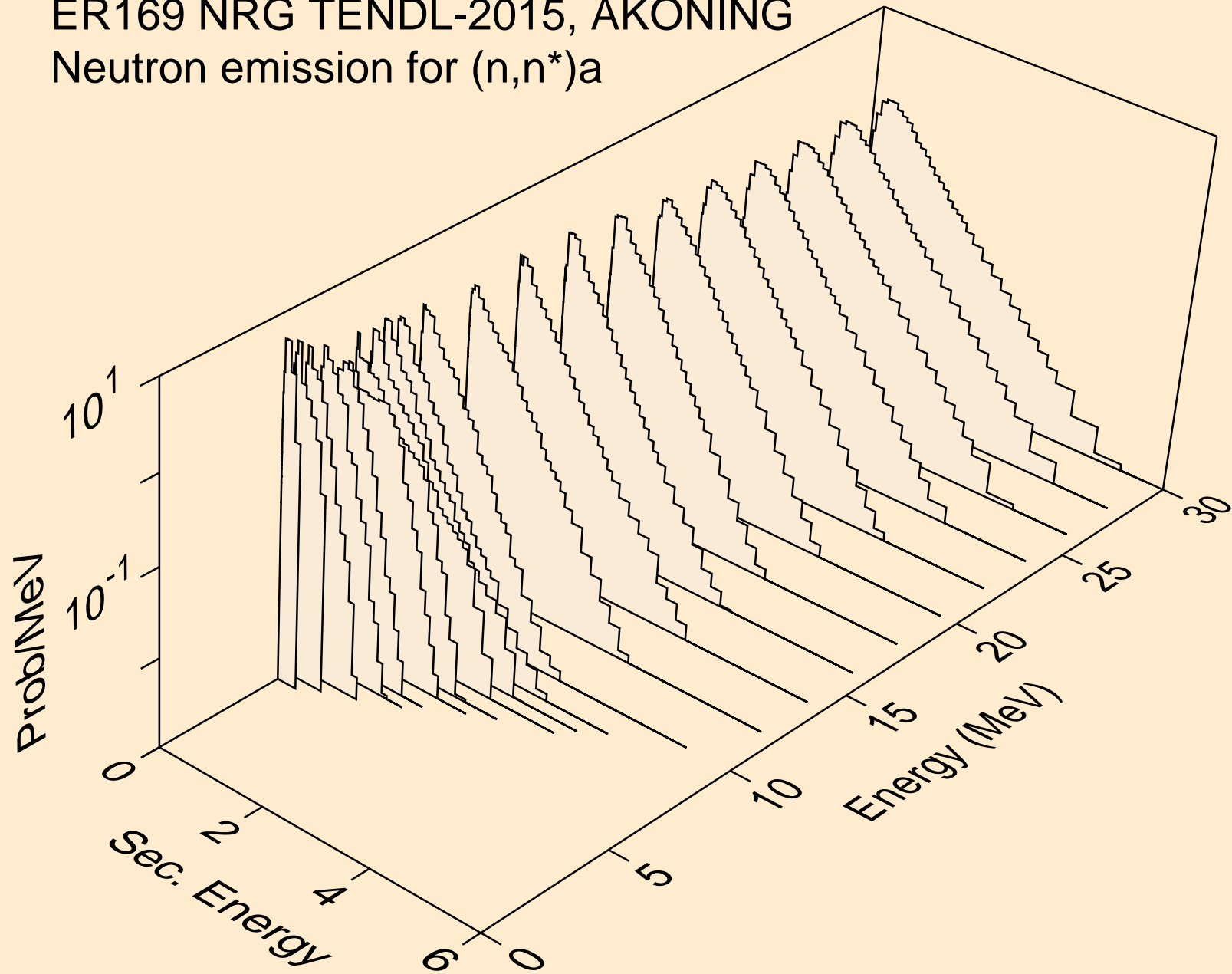
ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



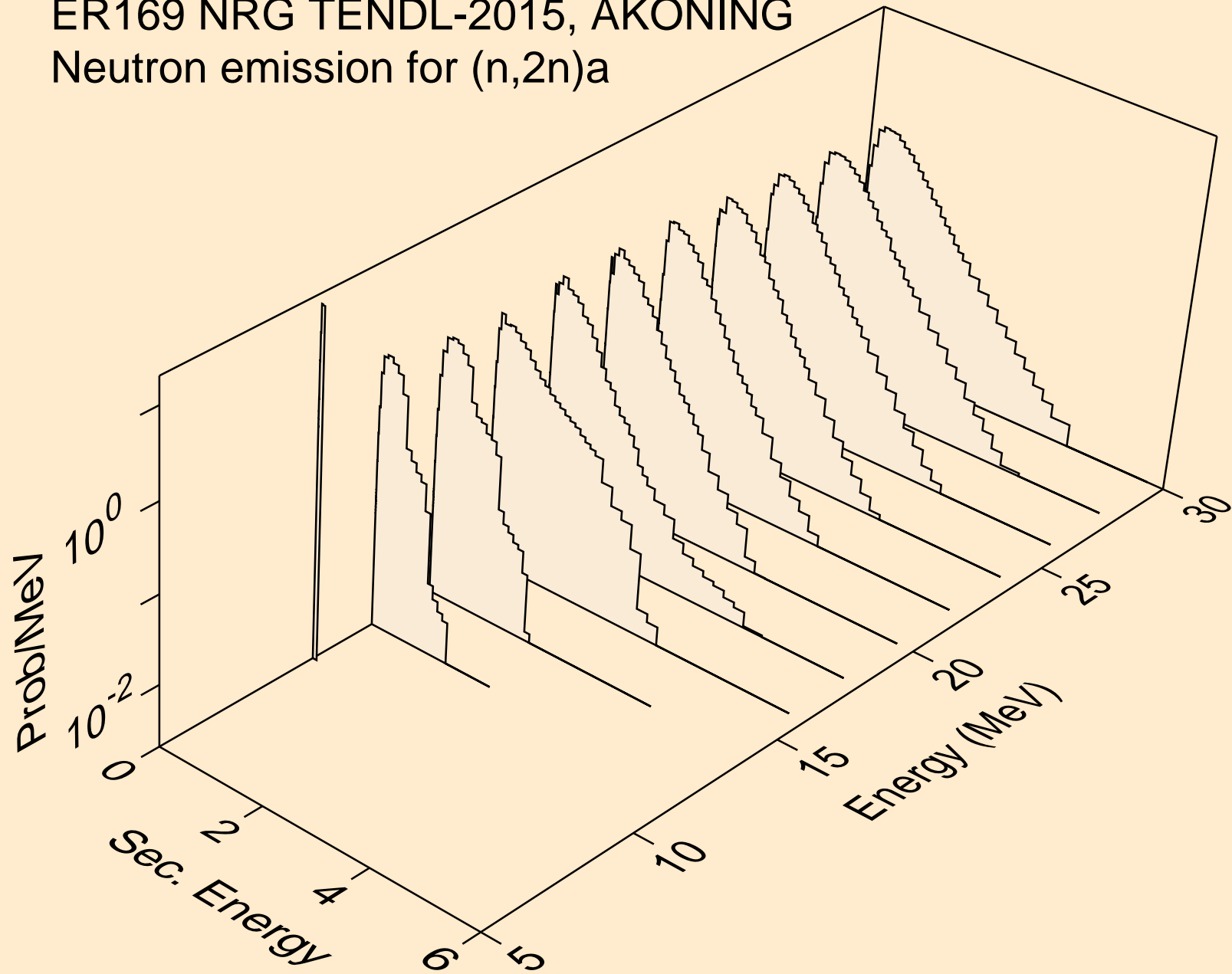
ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



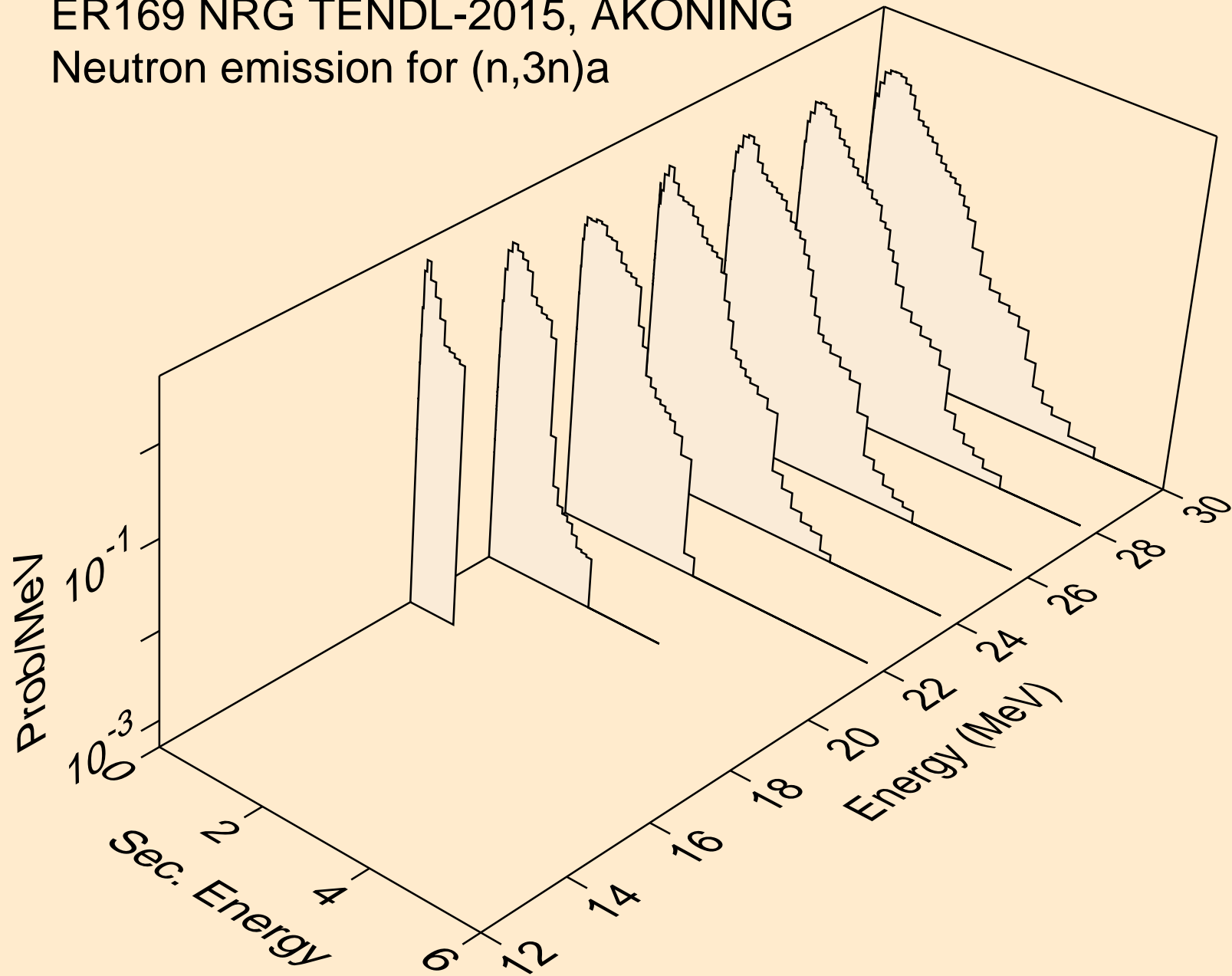
ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



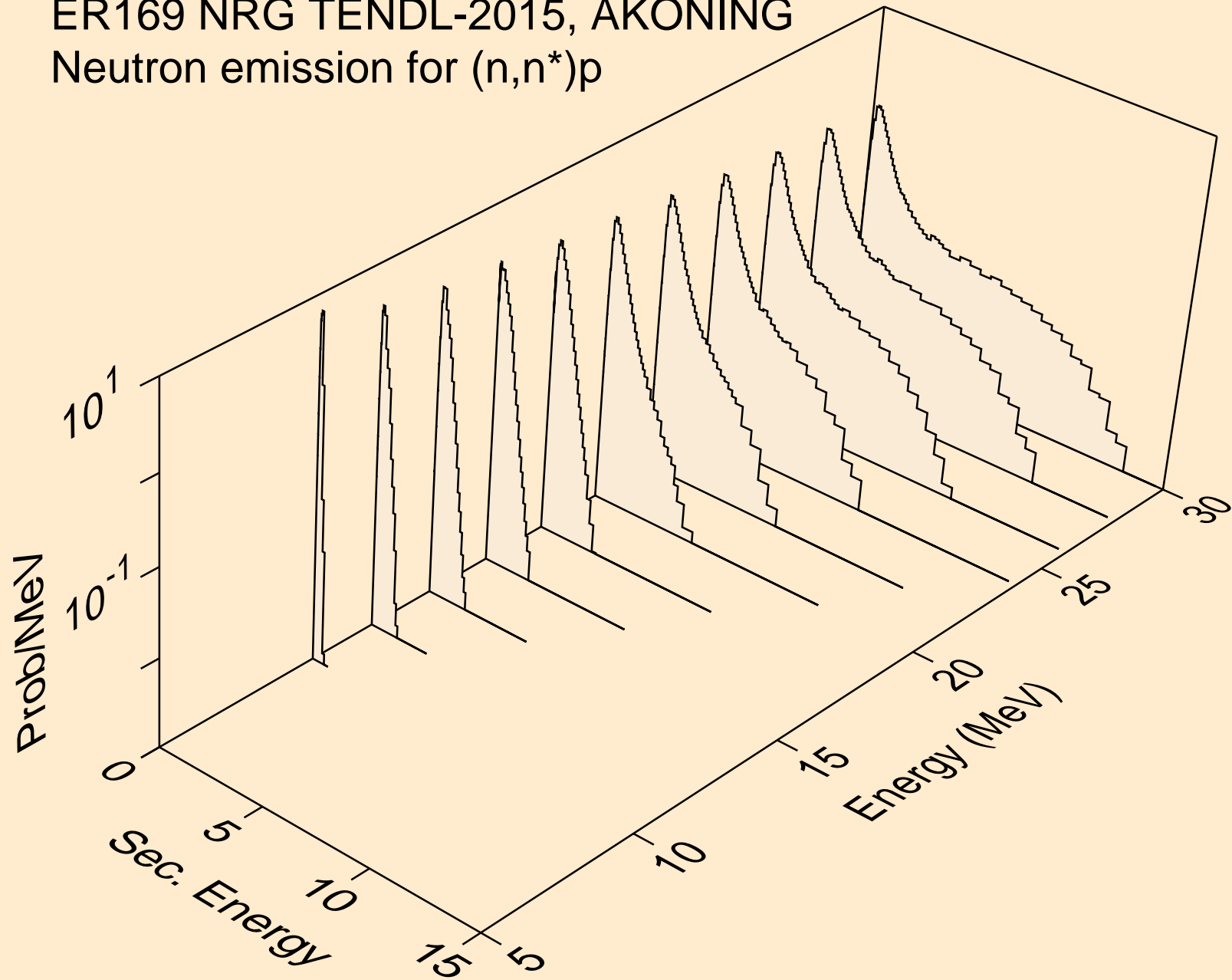
ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



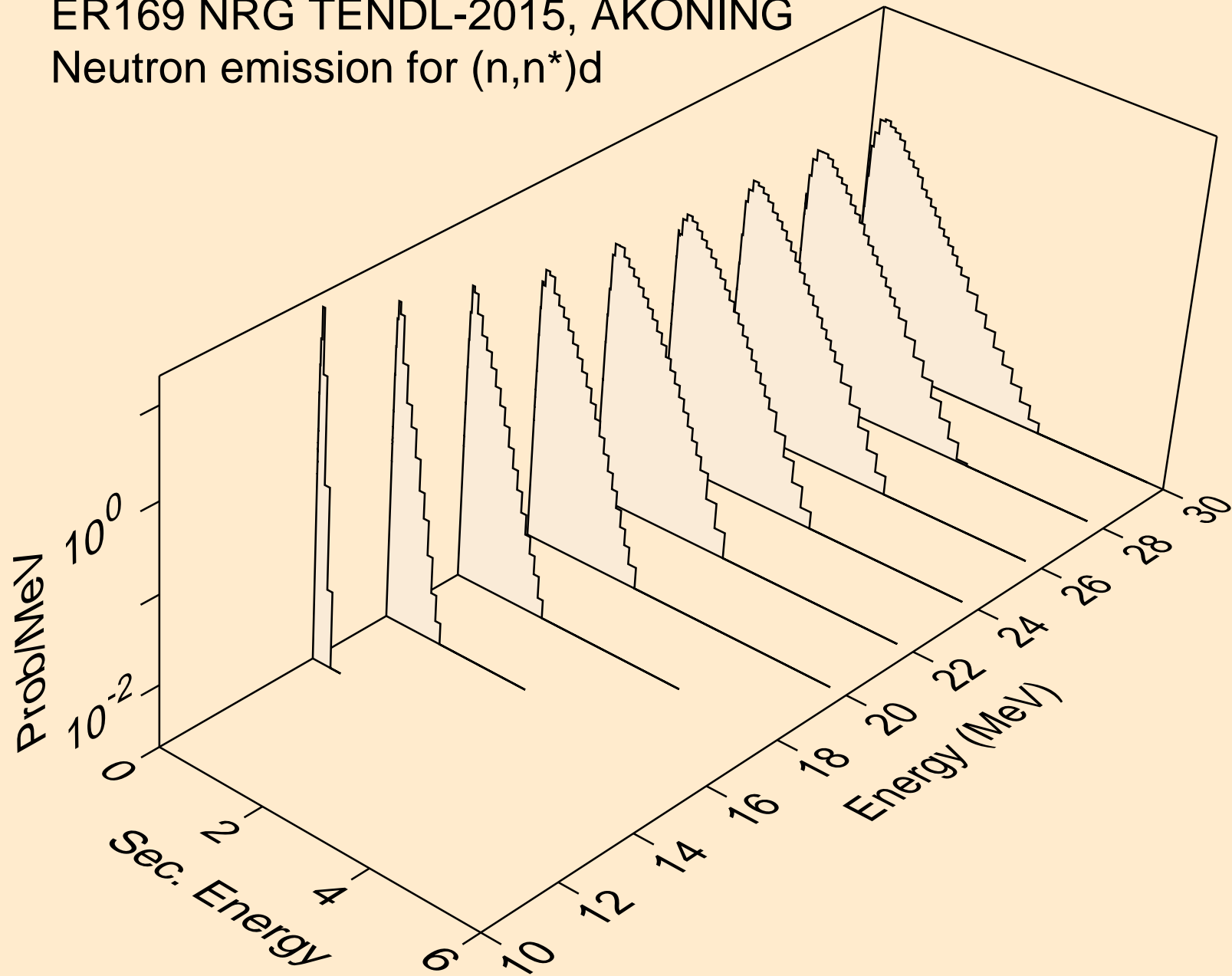
ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

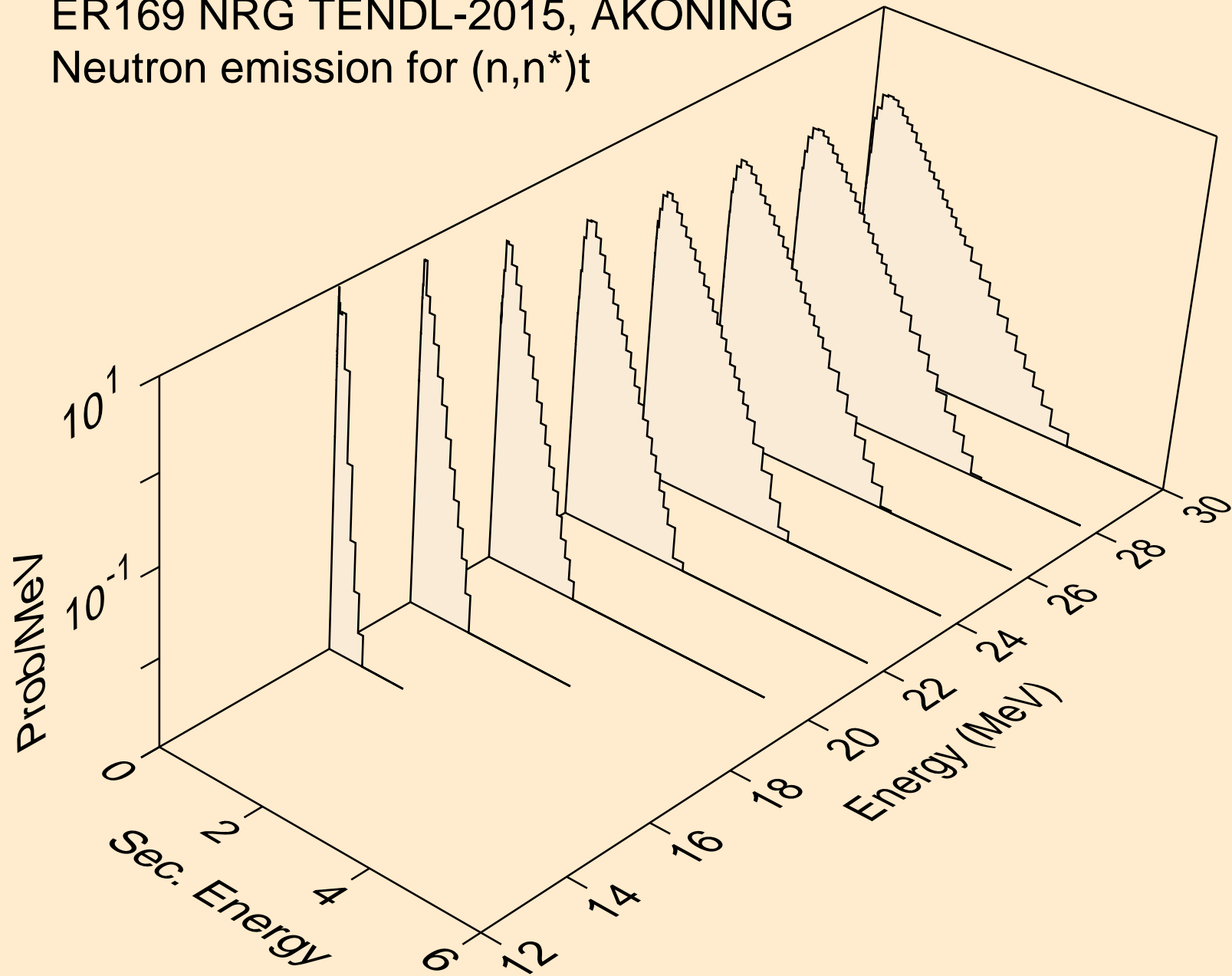


ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

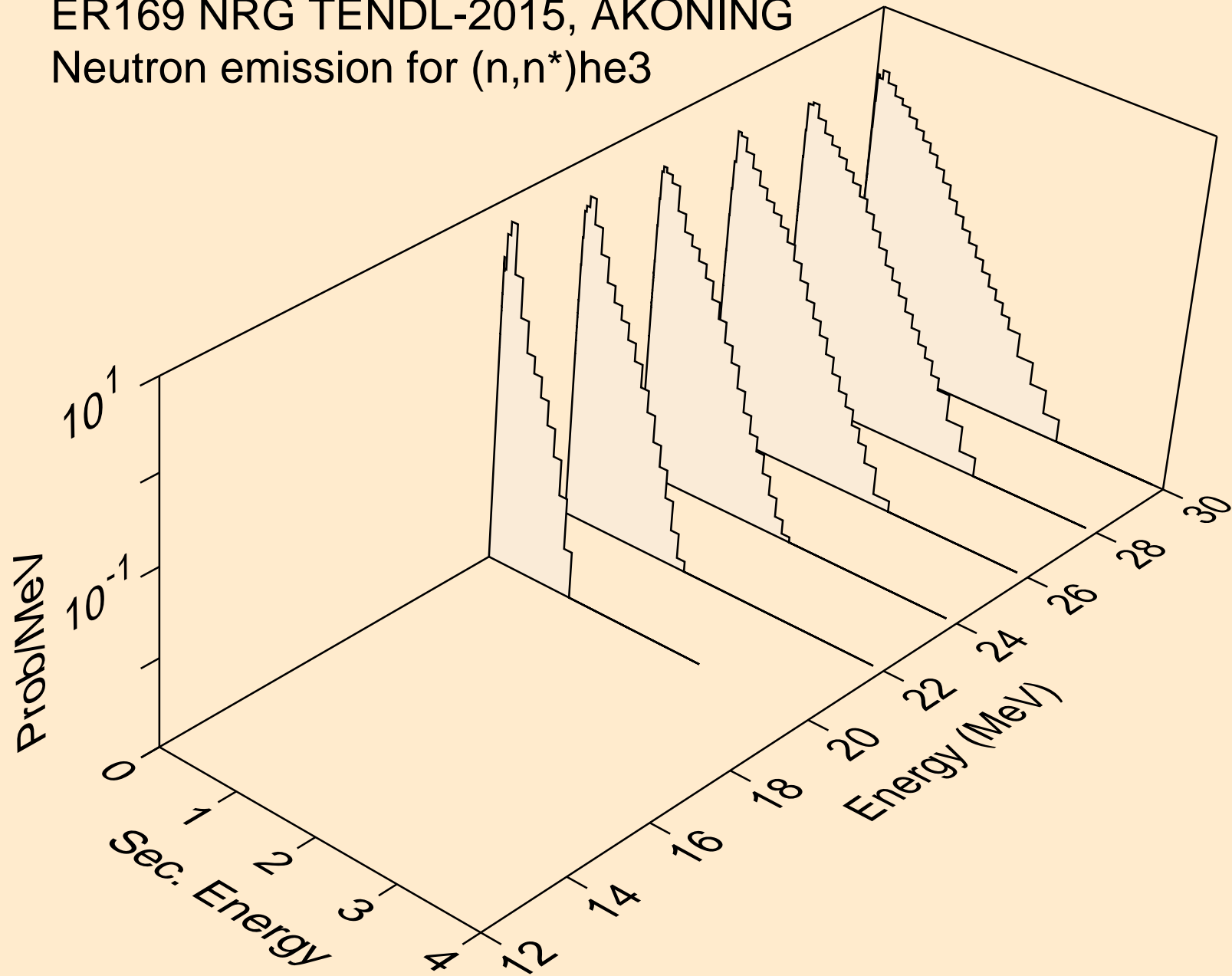




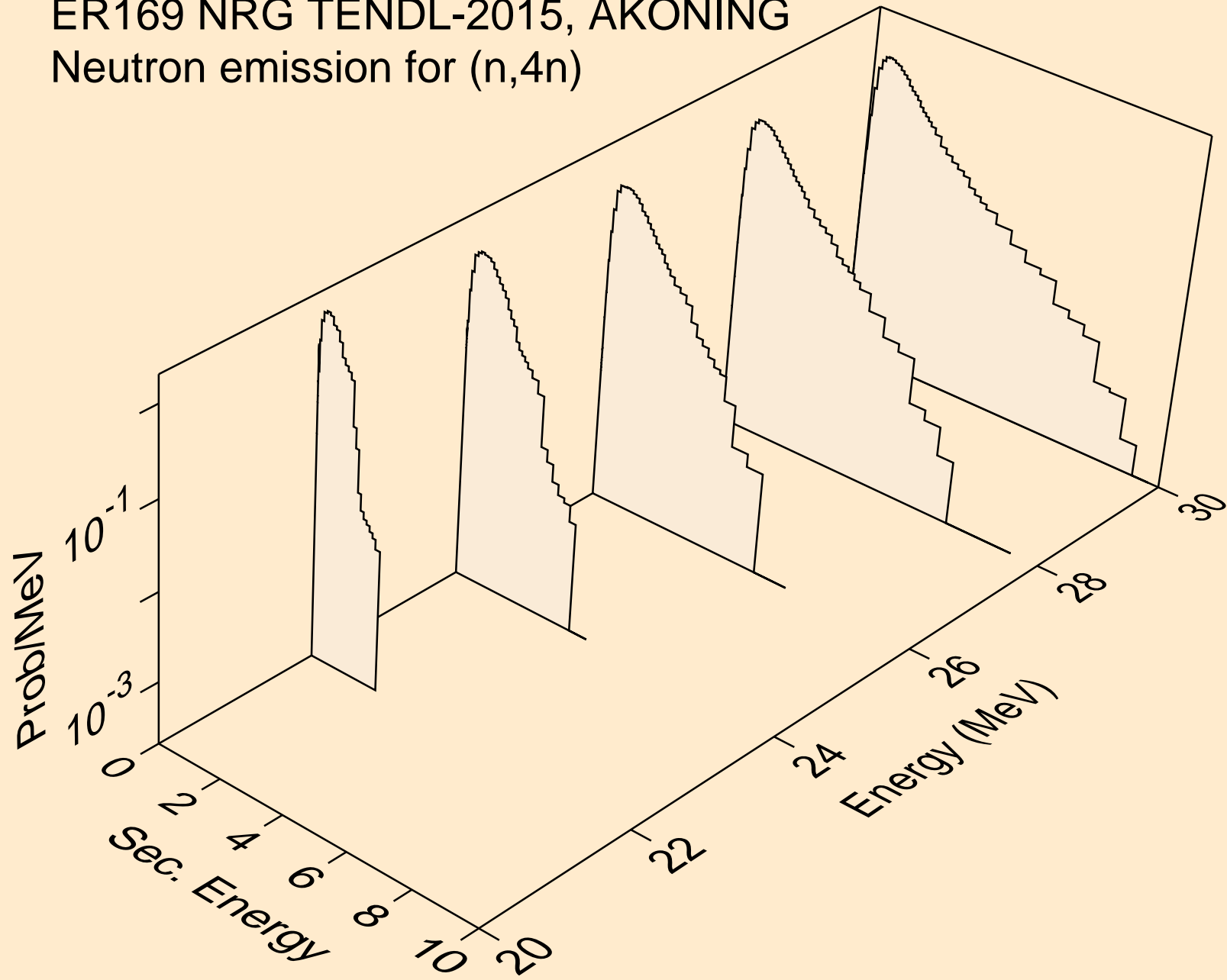
ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



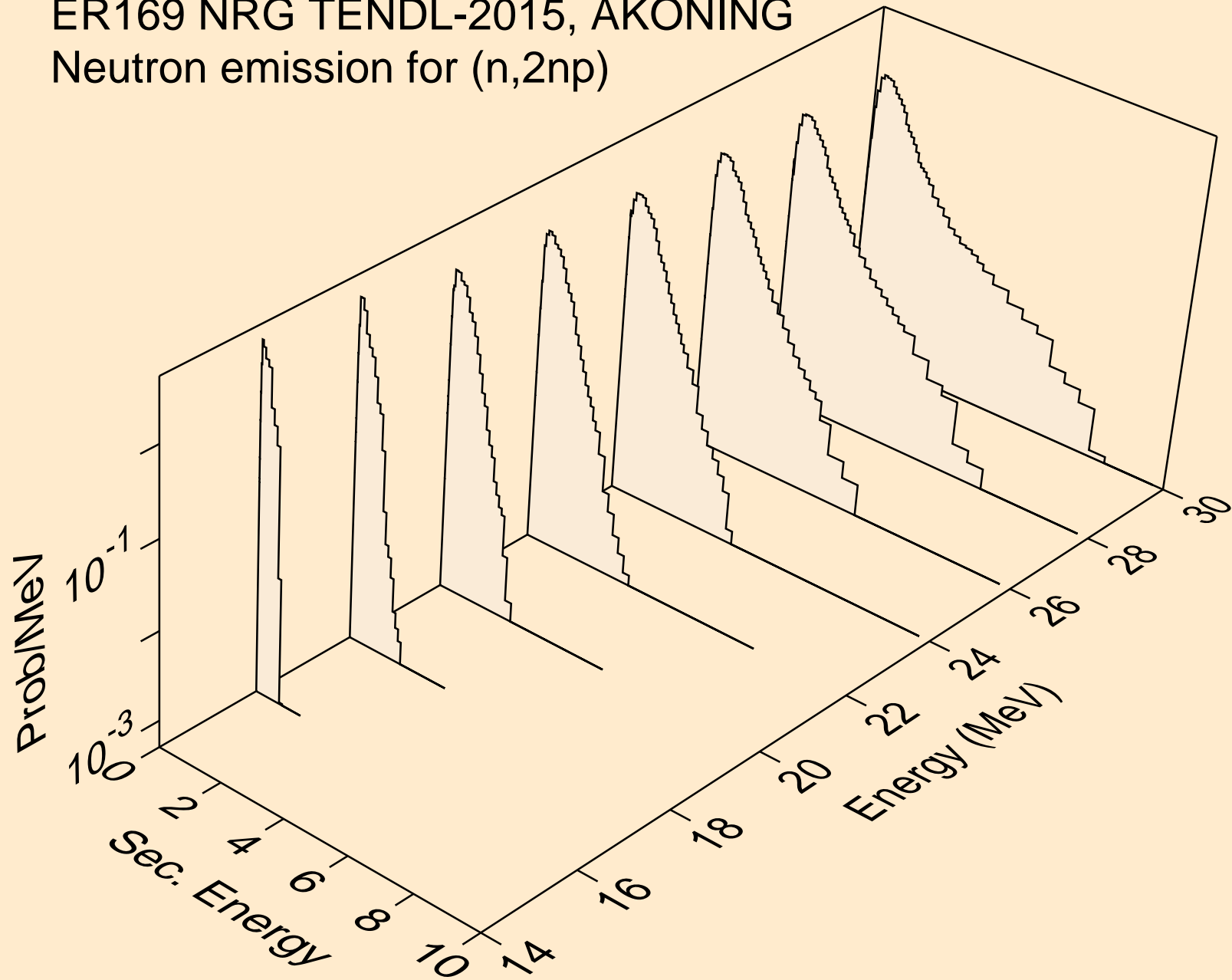
ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



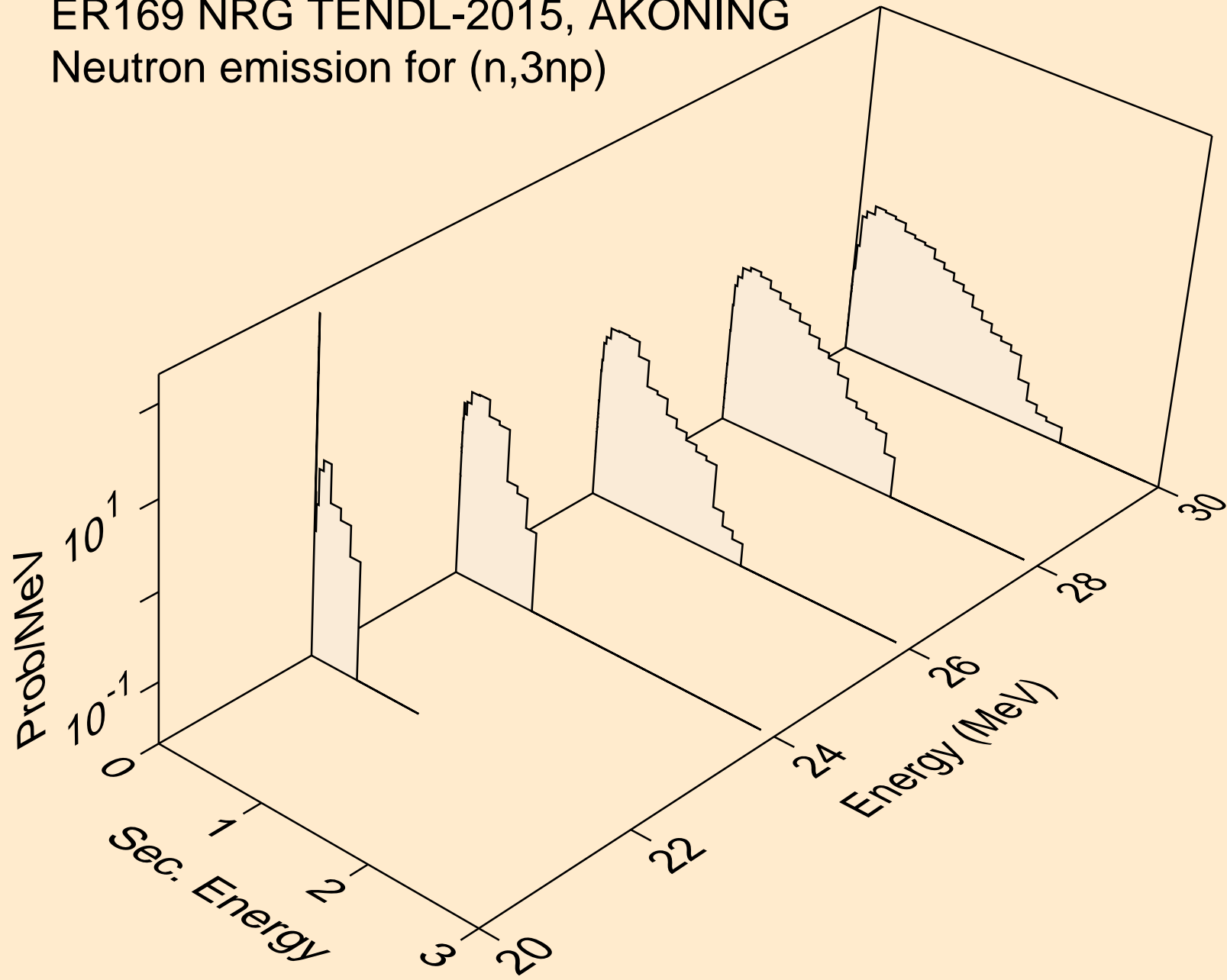
ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



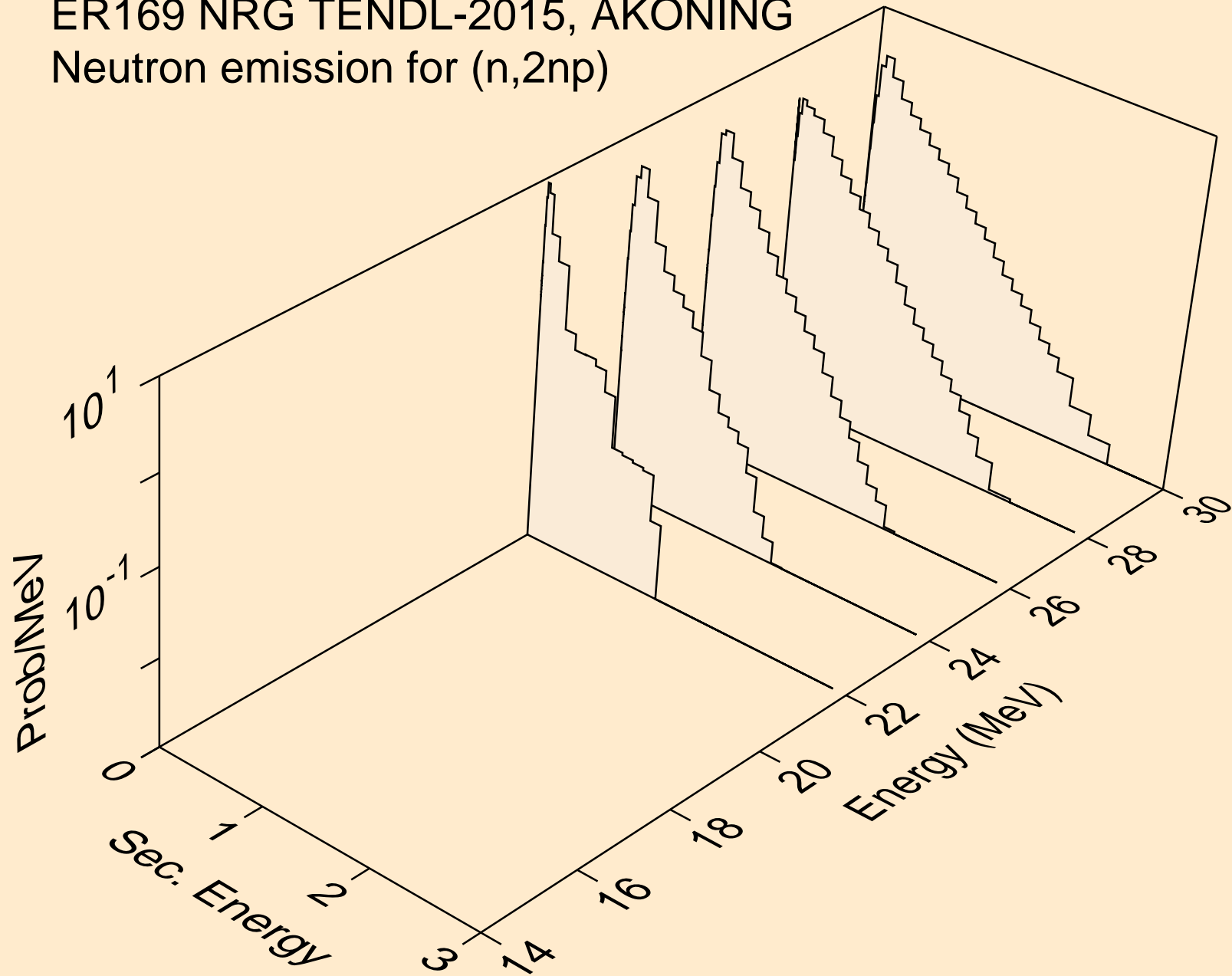
ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



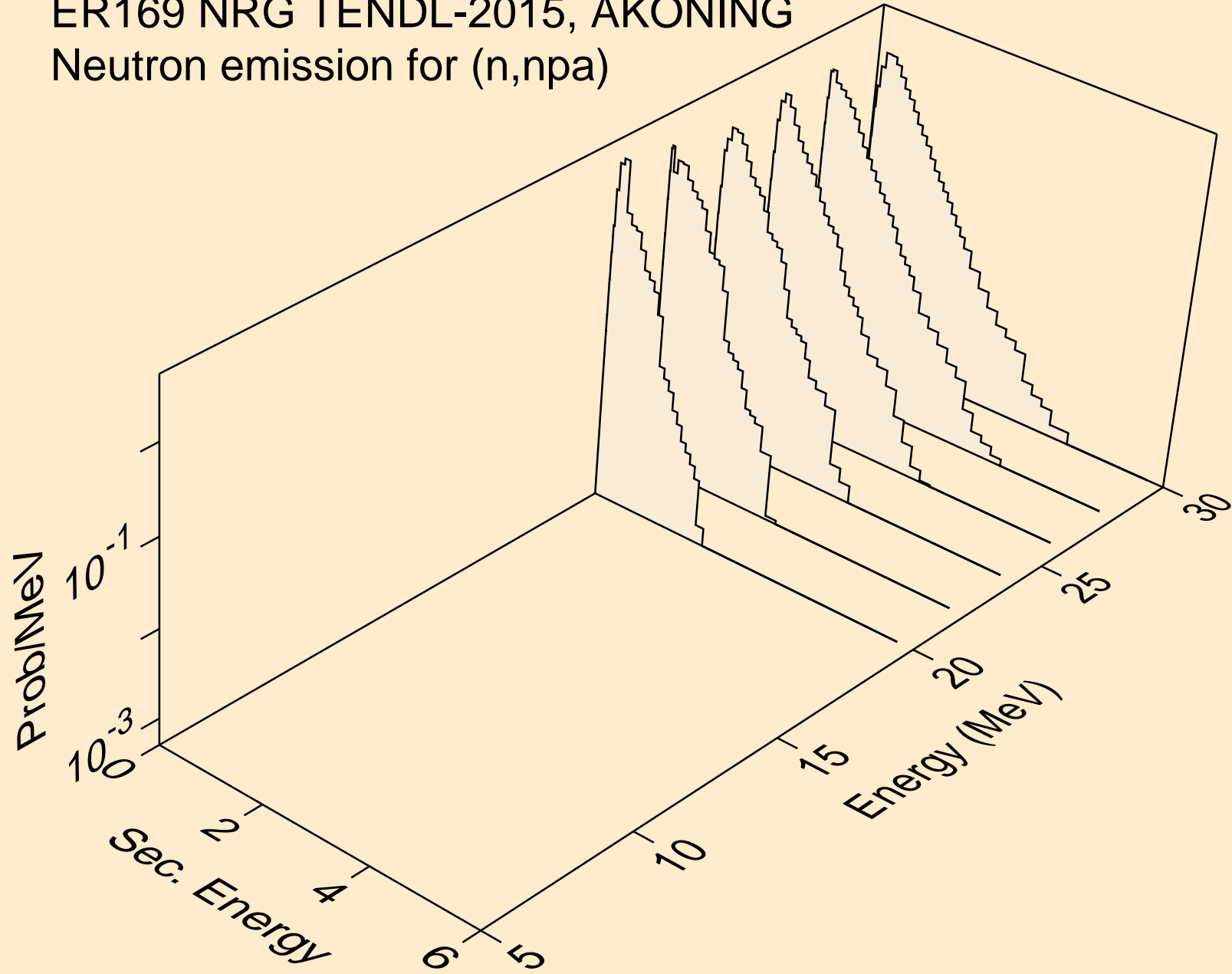
ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



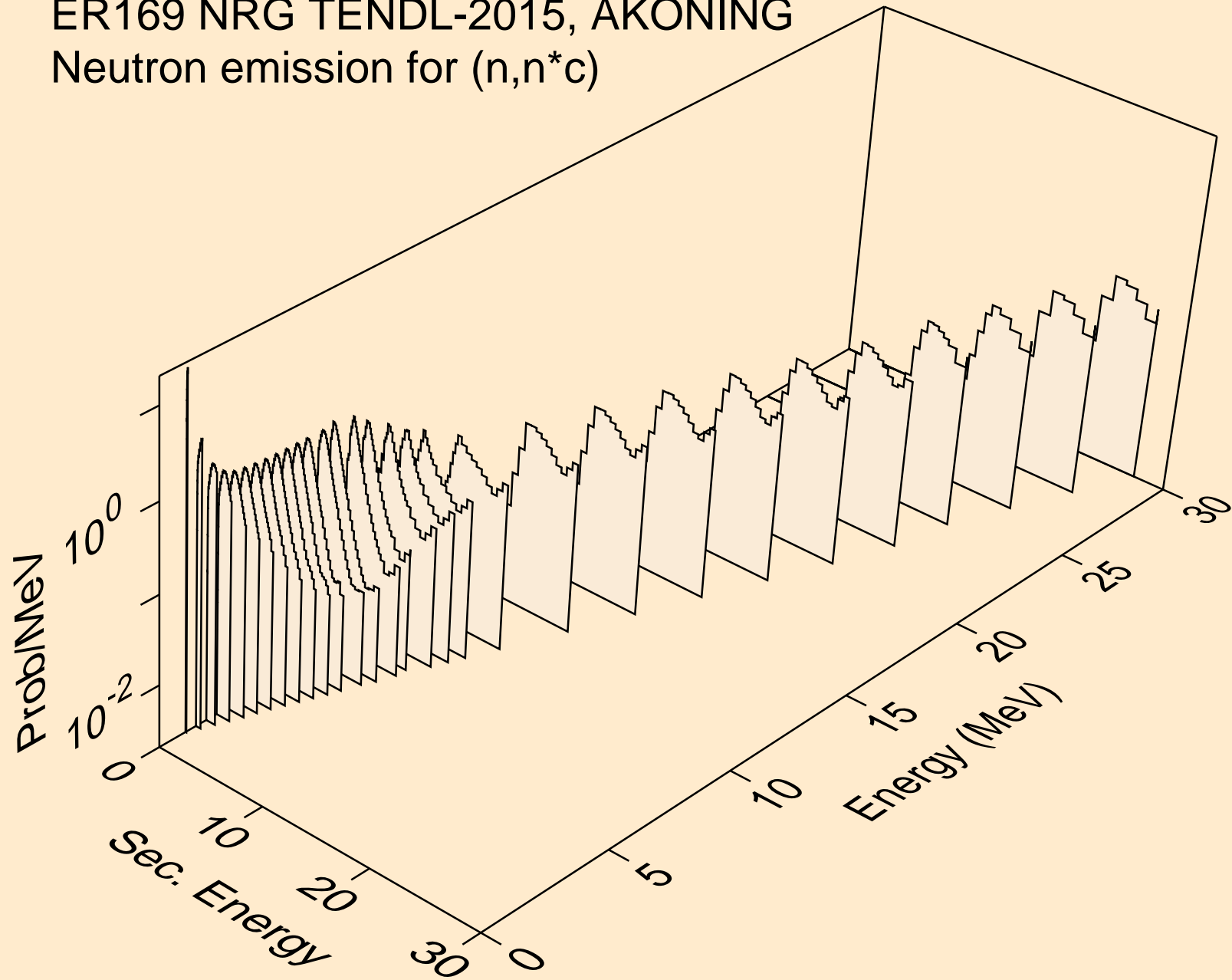
ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

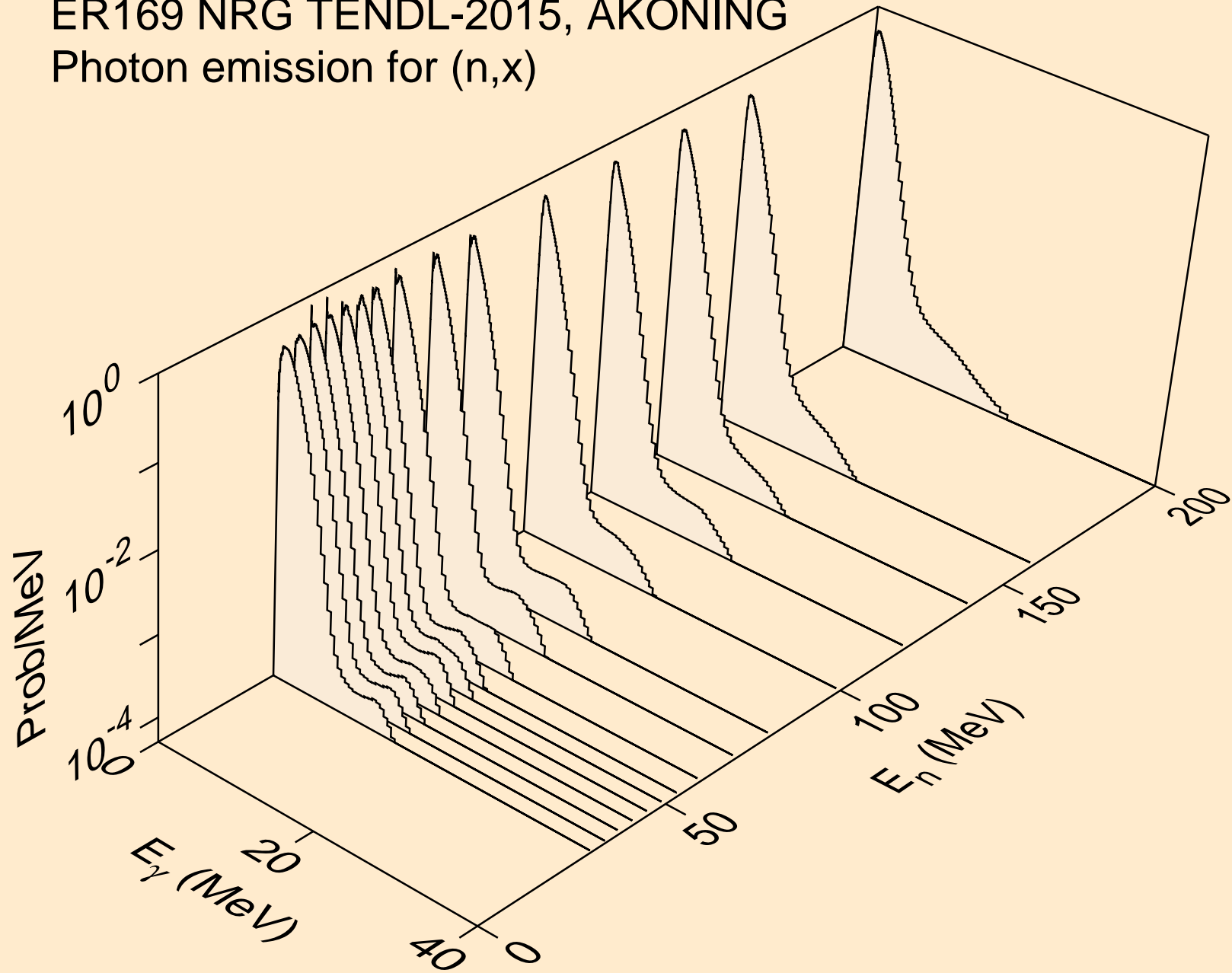


ER169 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

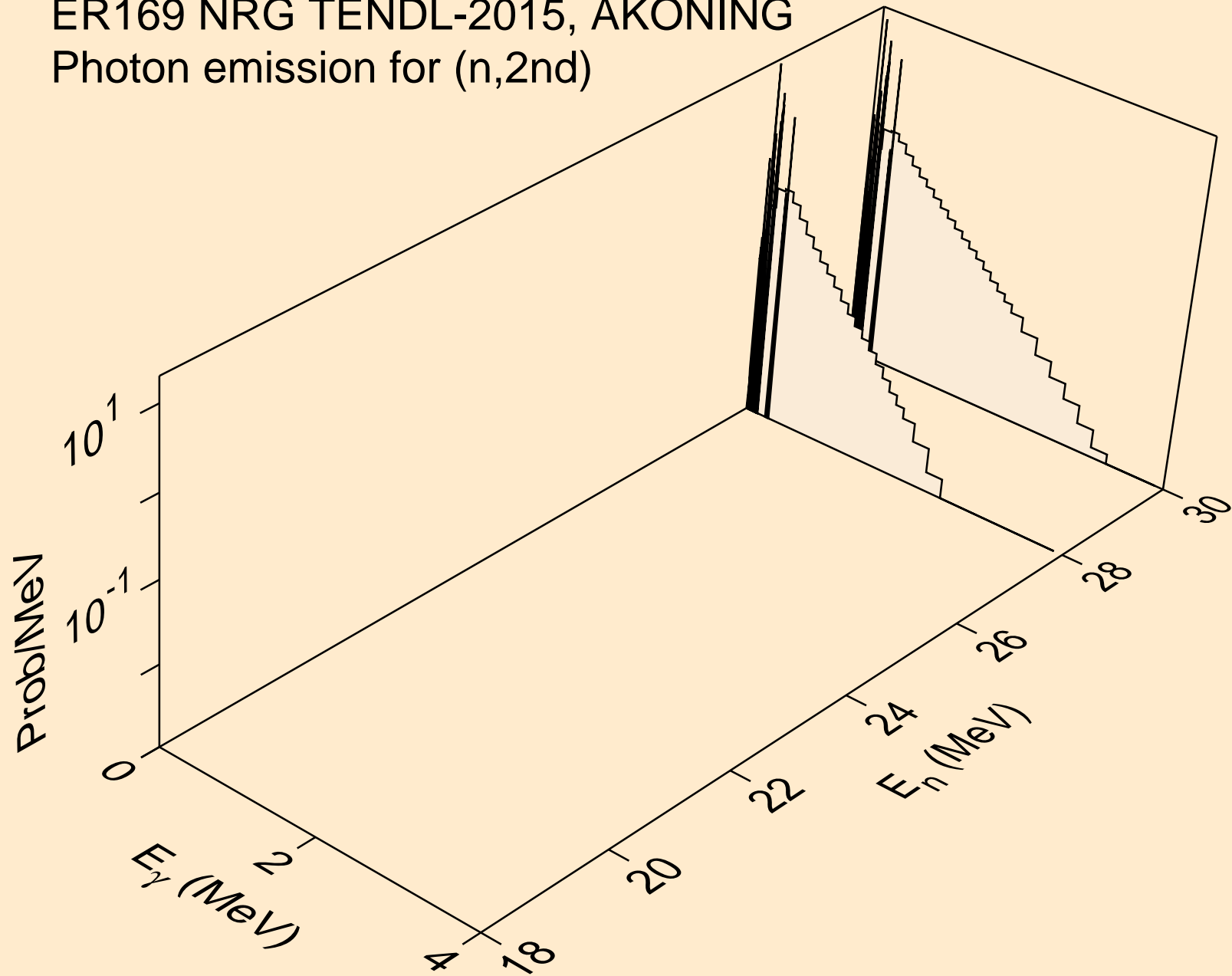




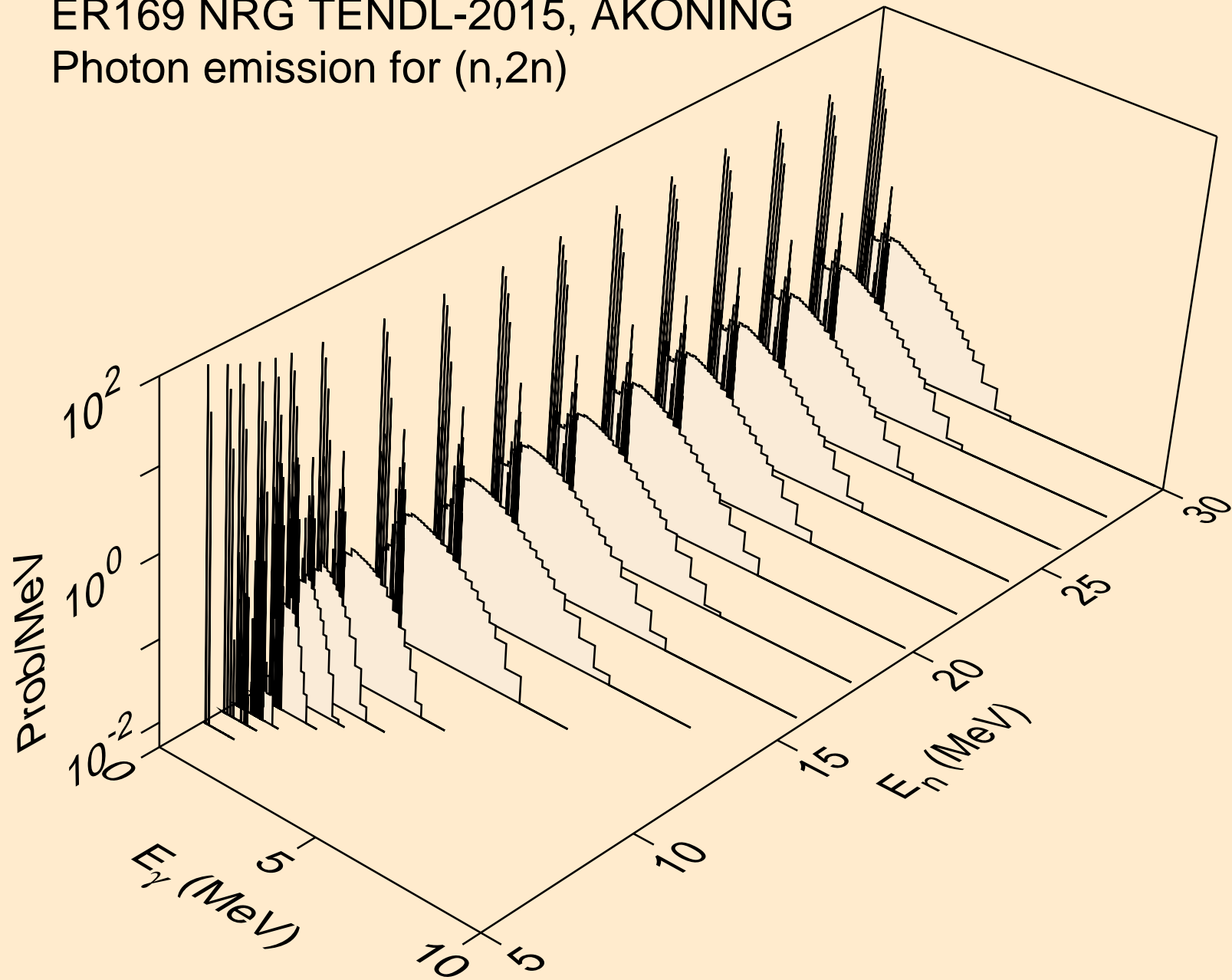
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



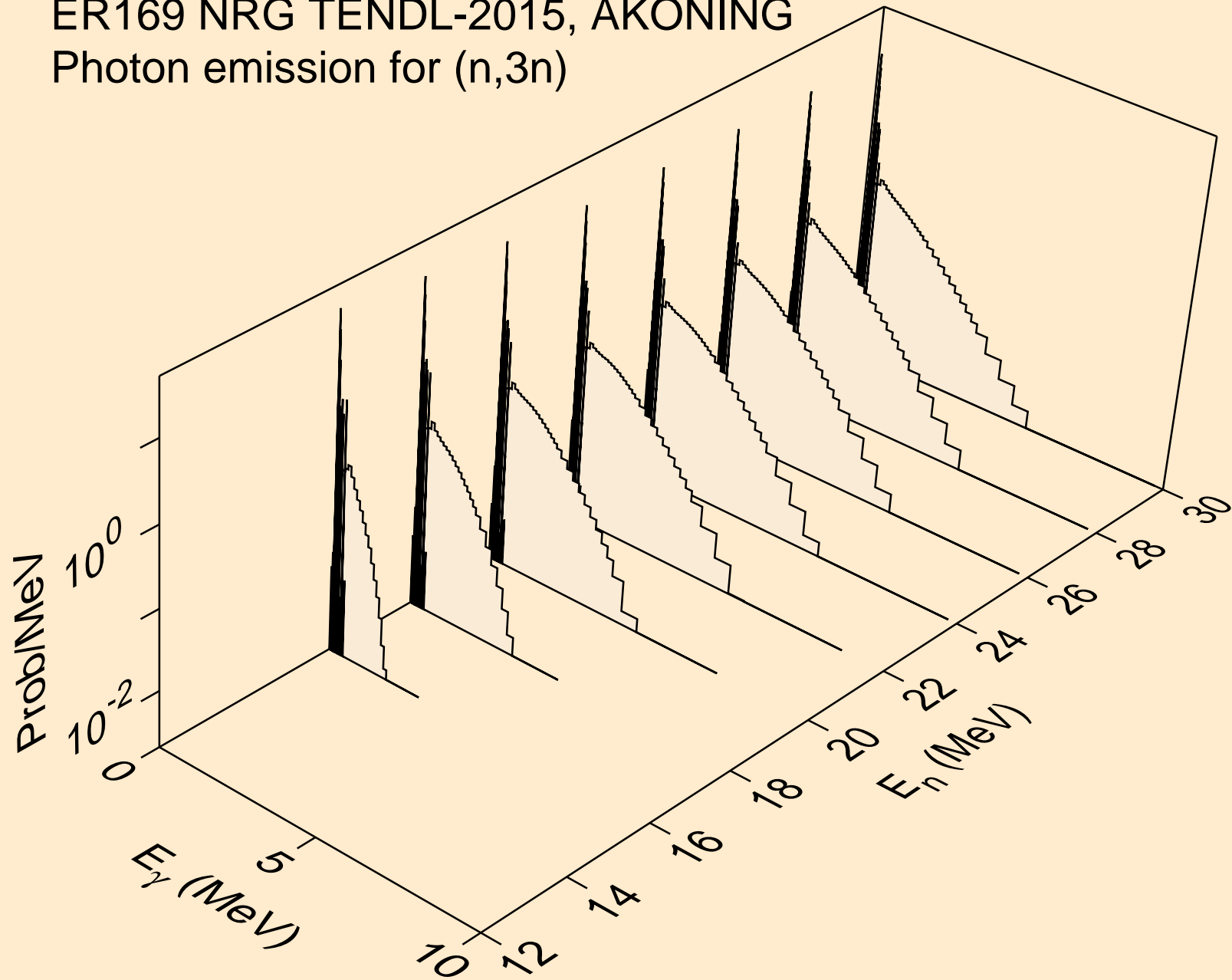
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



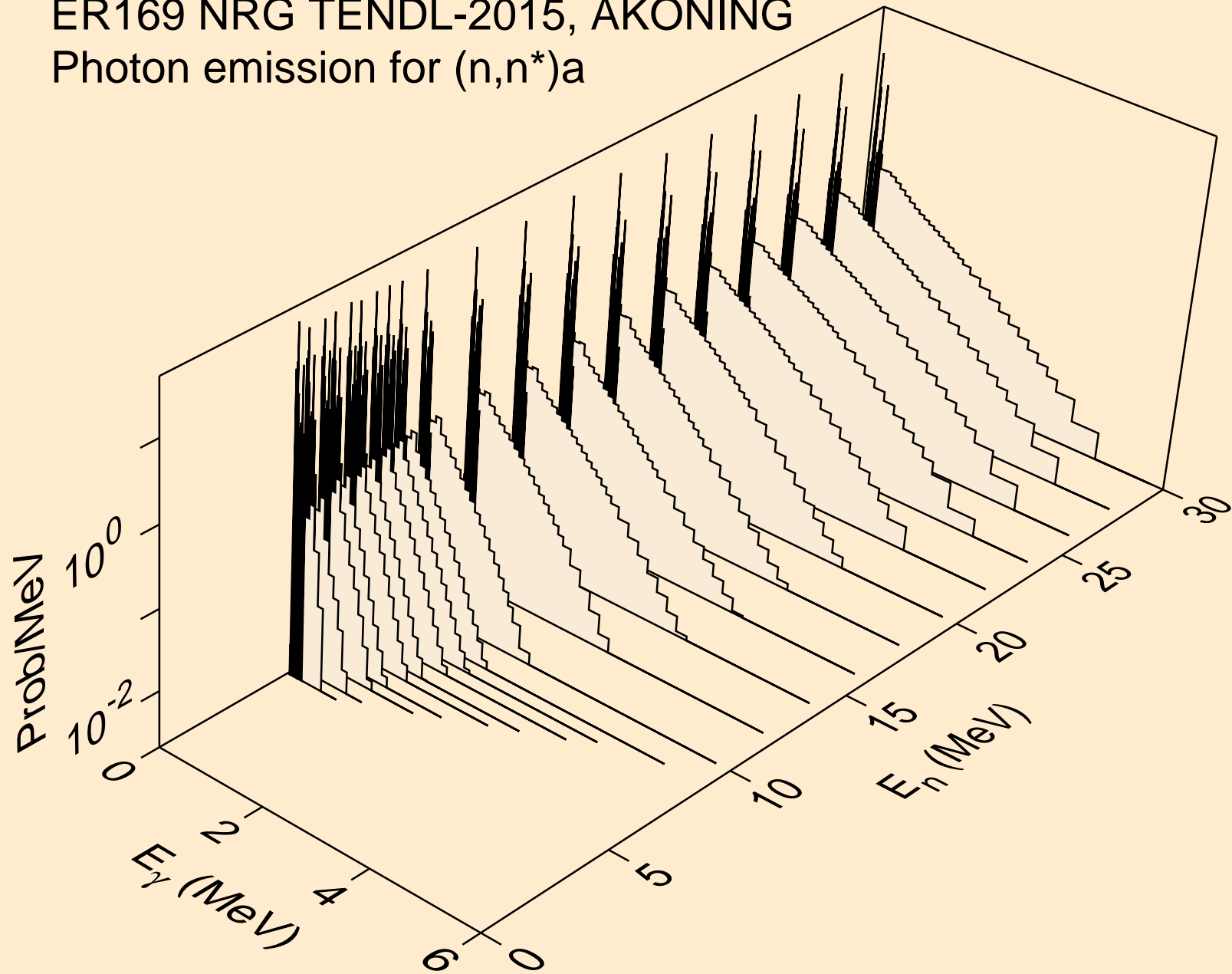
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



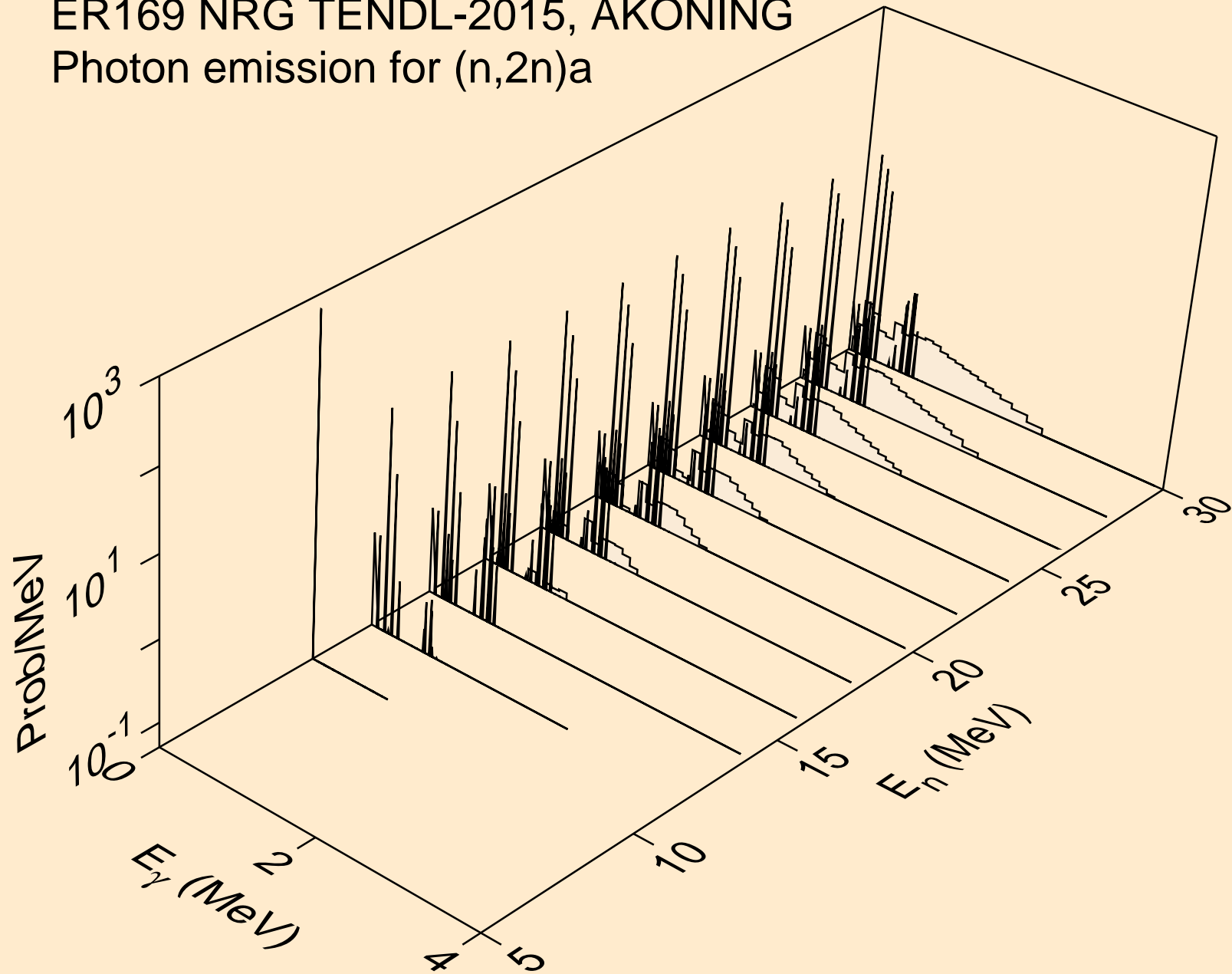
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



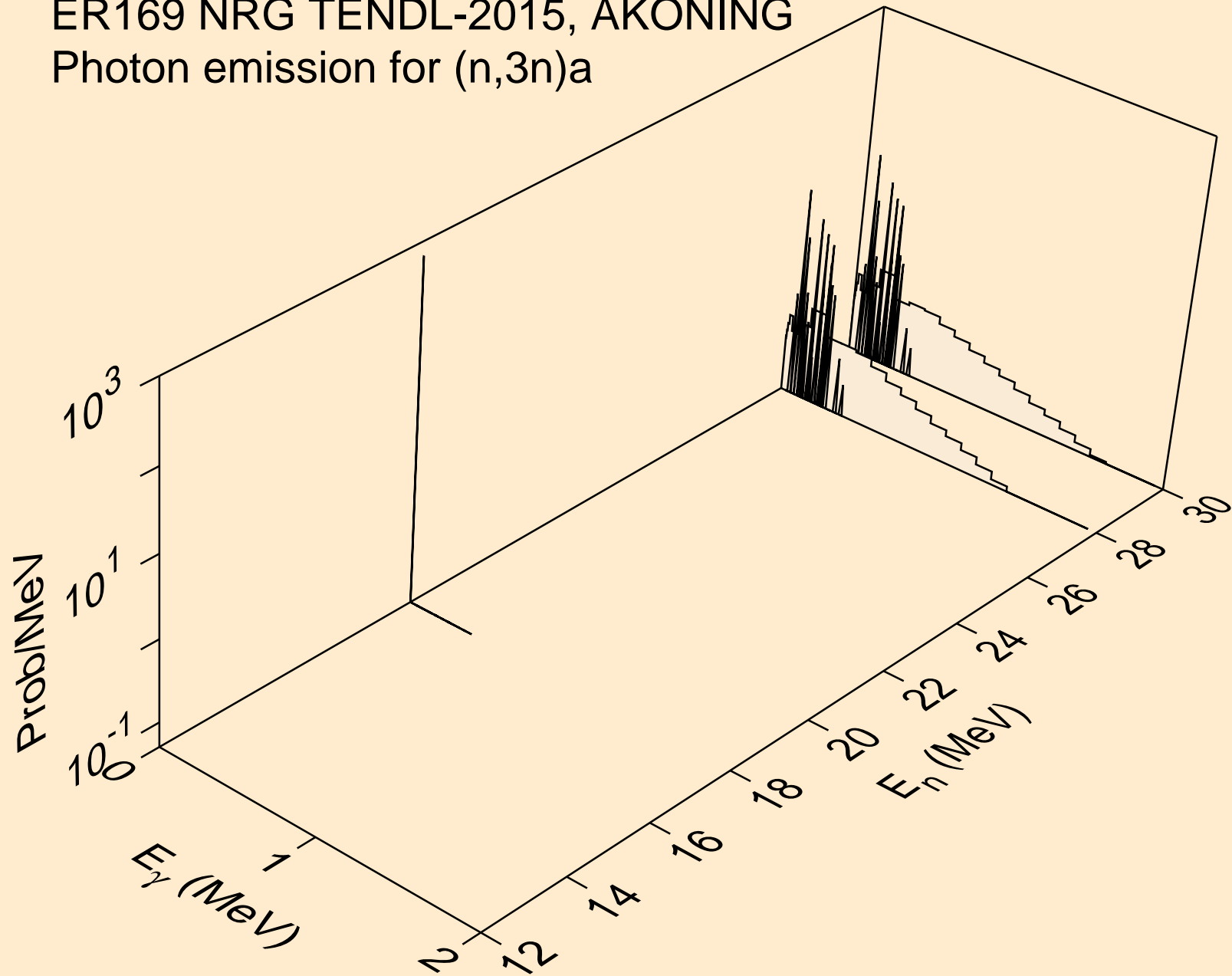
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



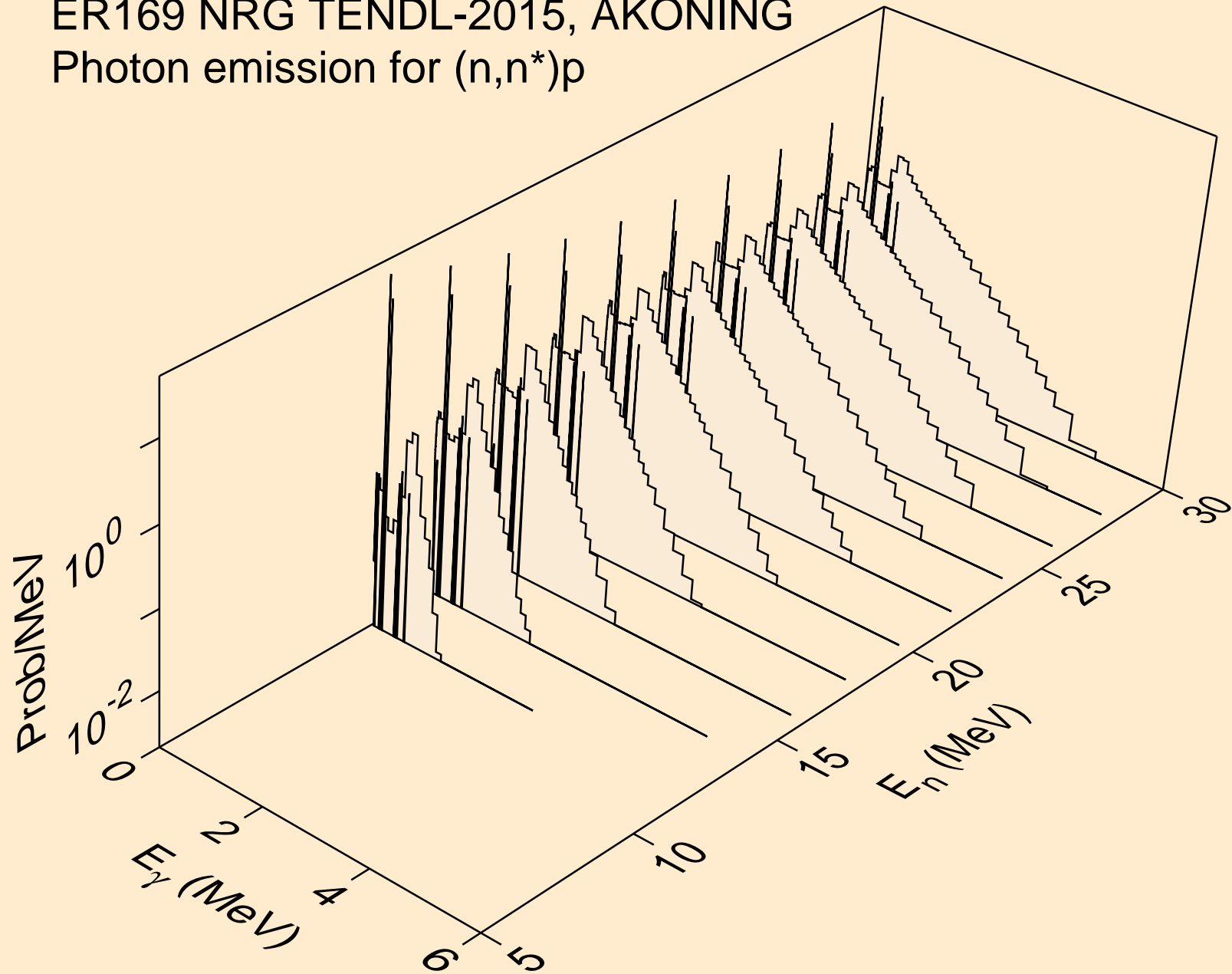
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

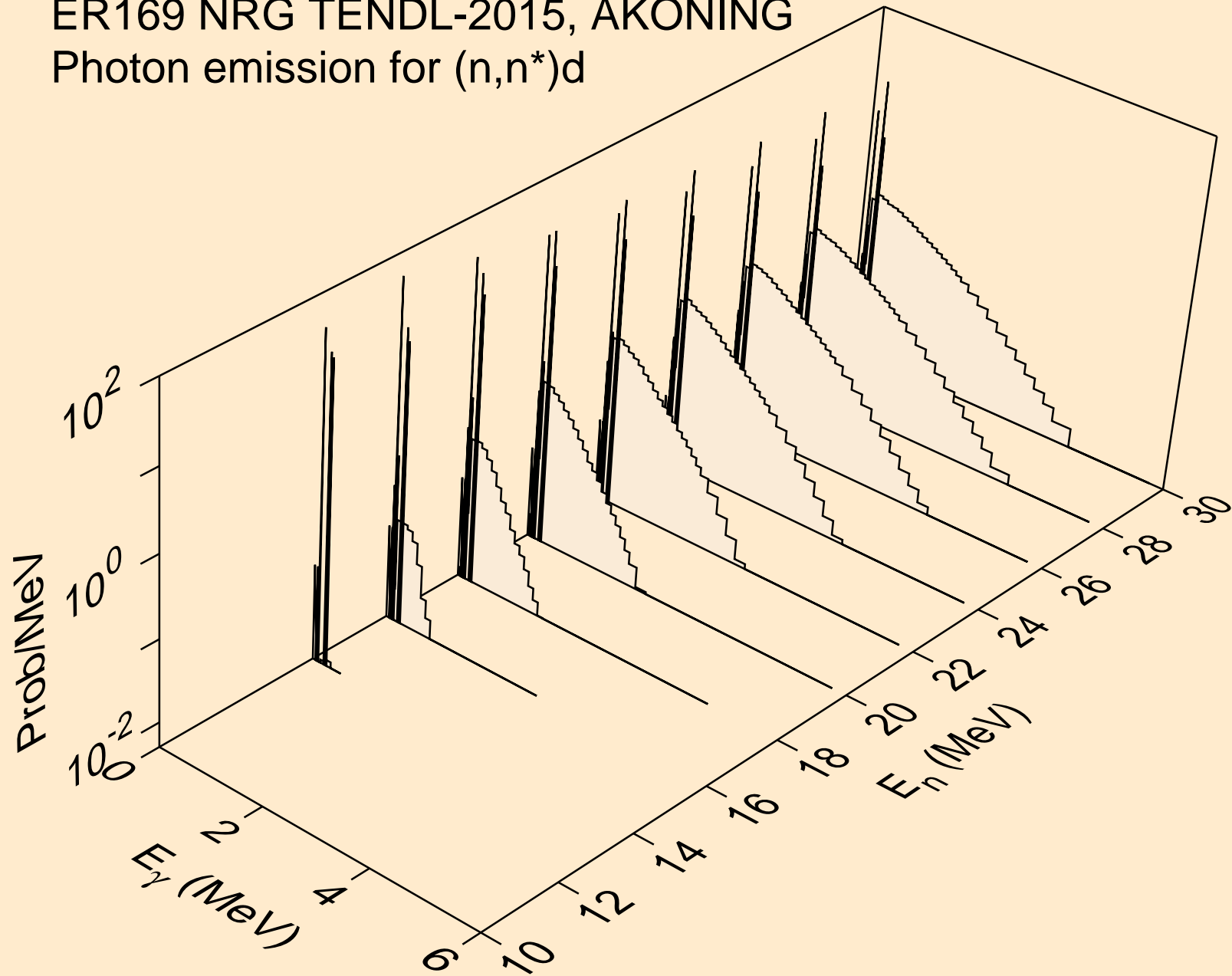


ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

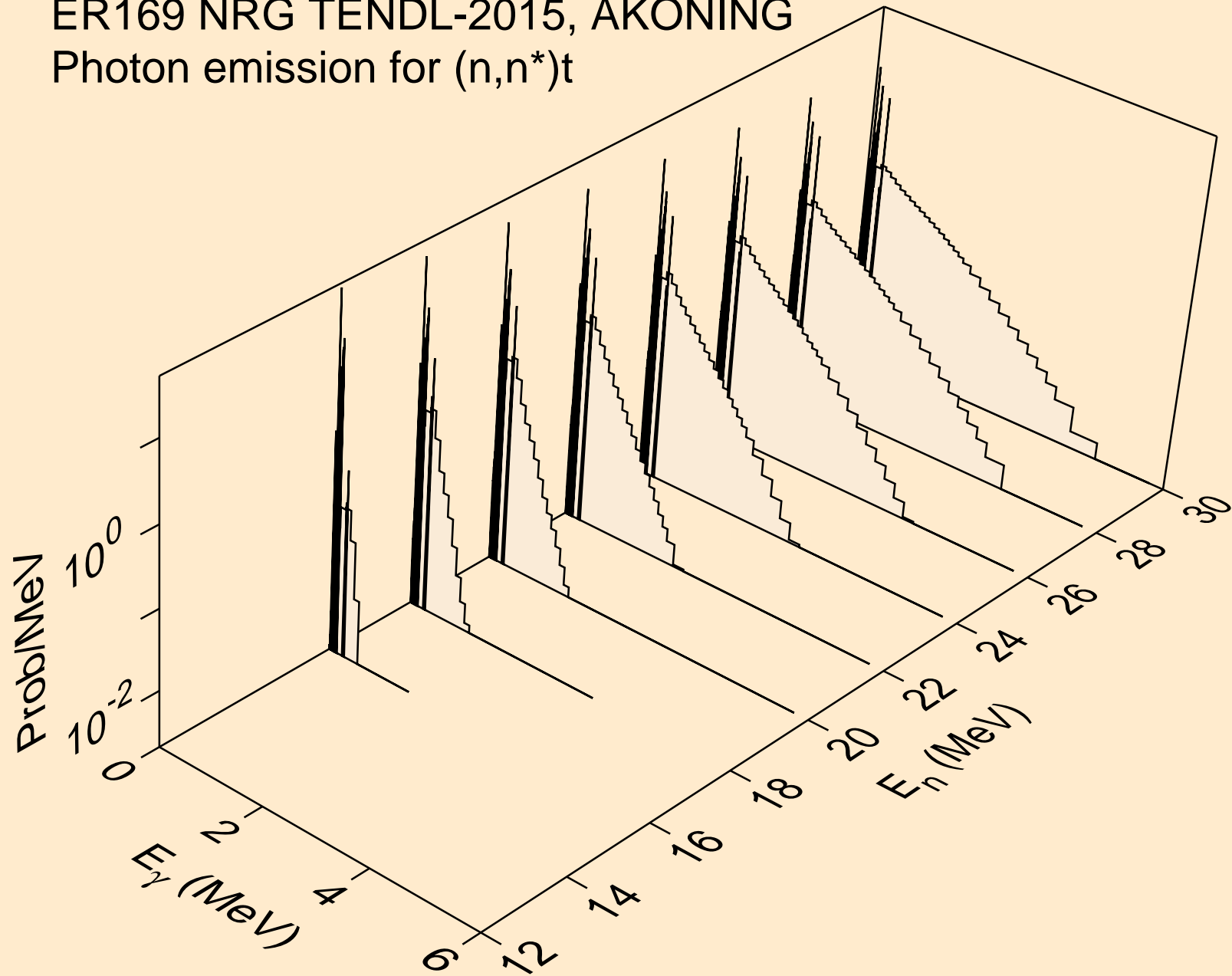




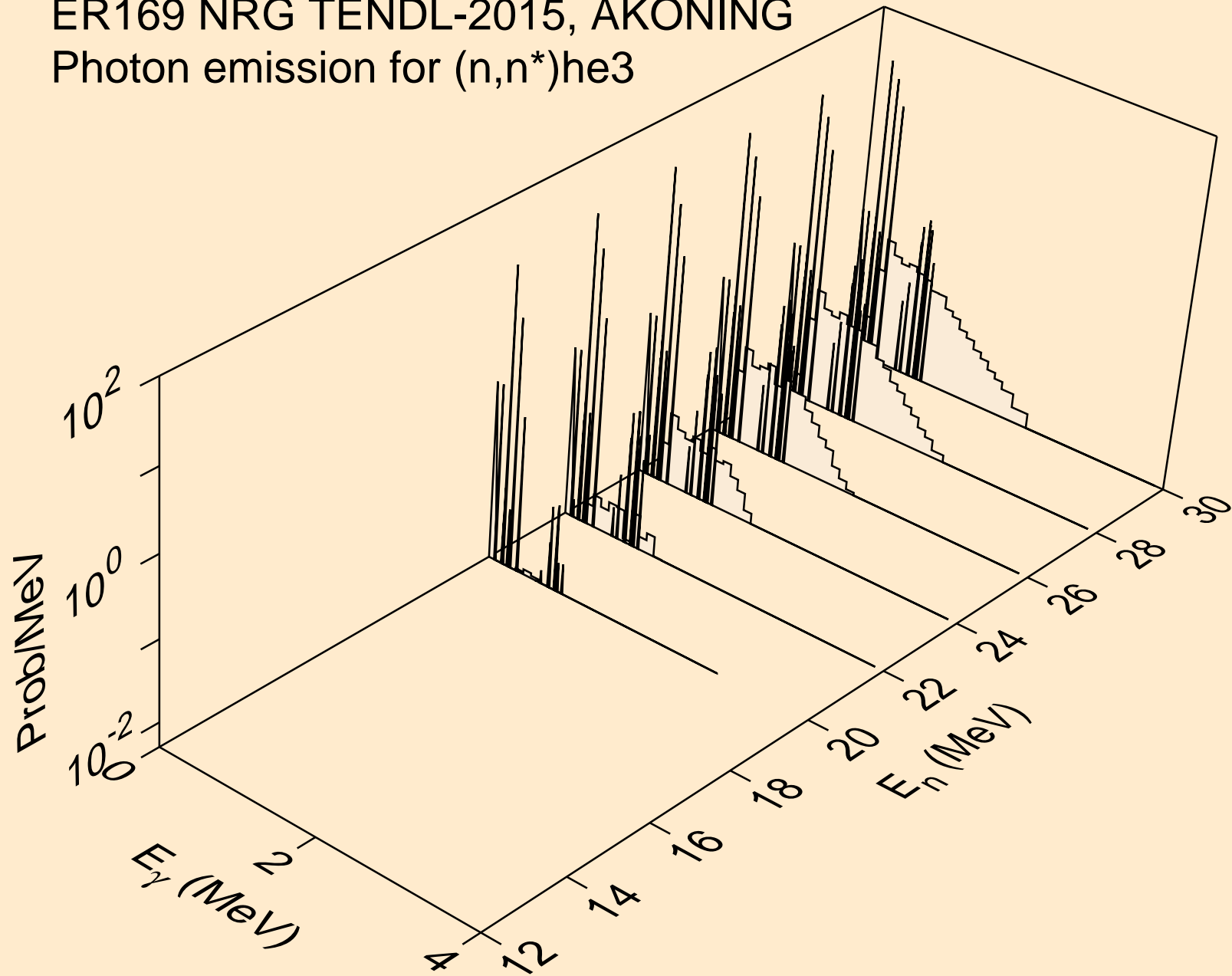
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



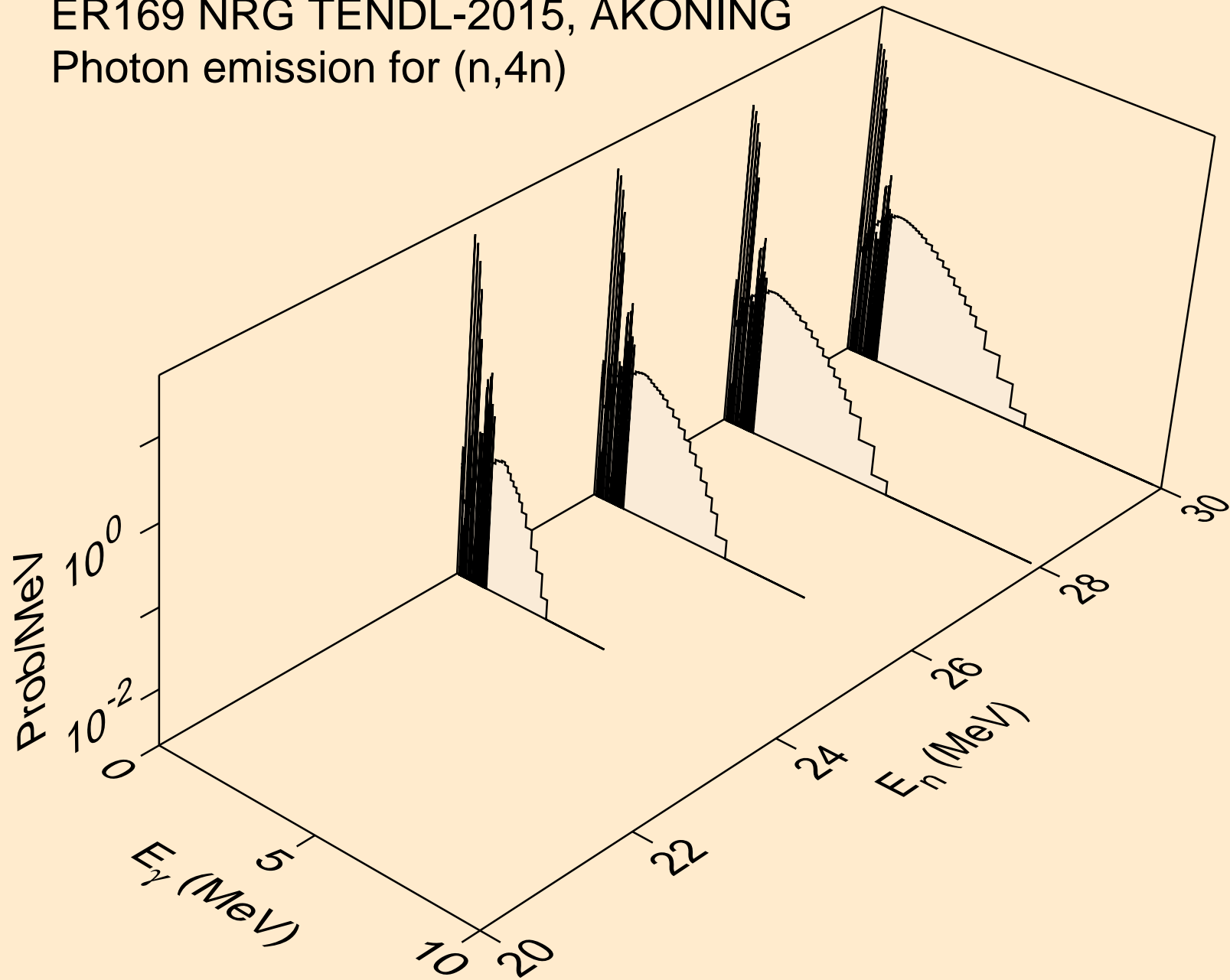
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



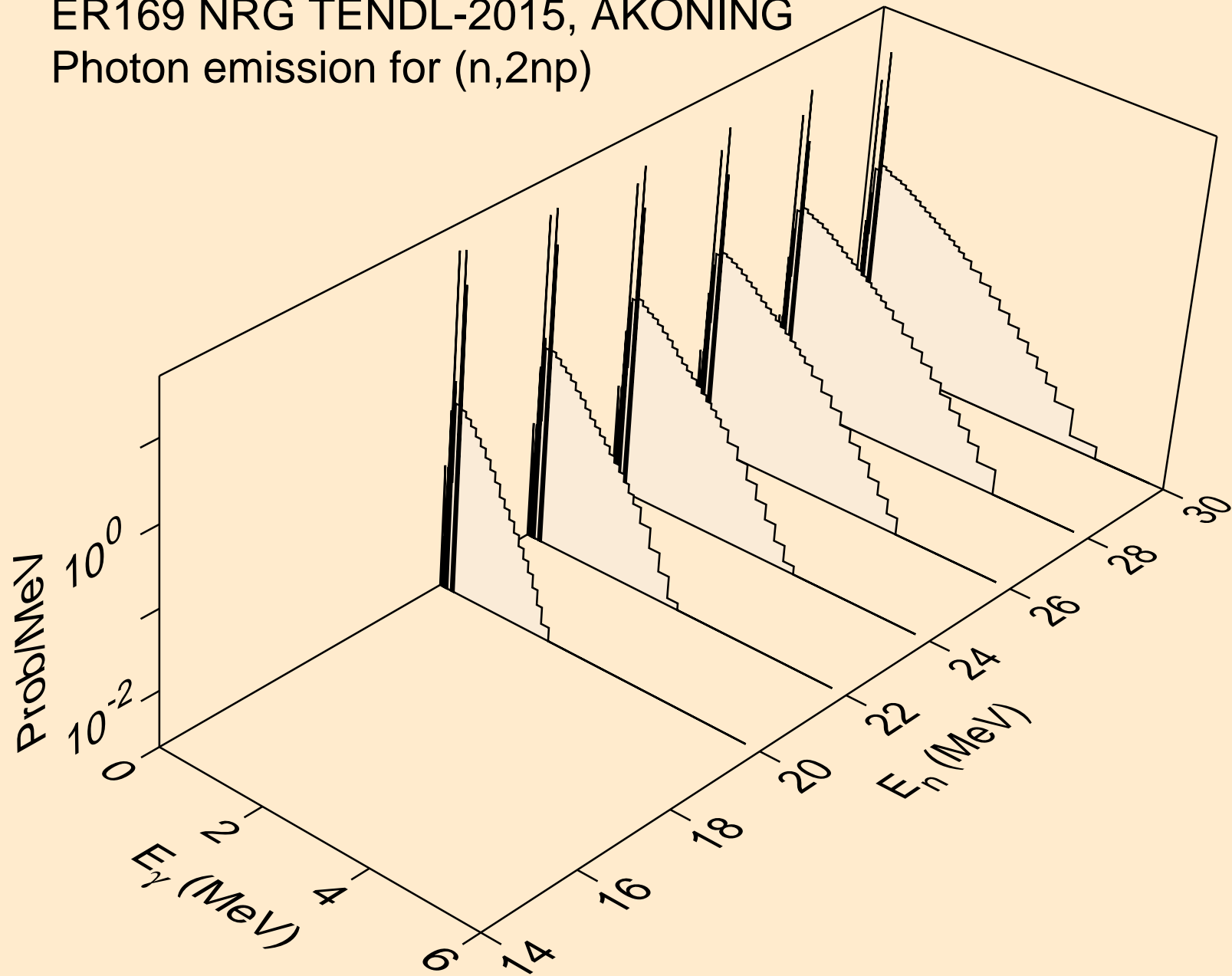
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



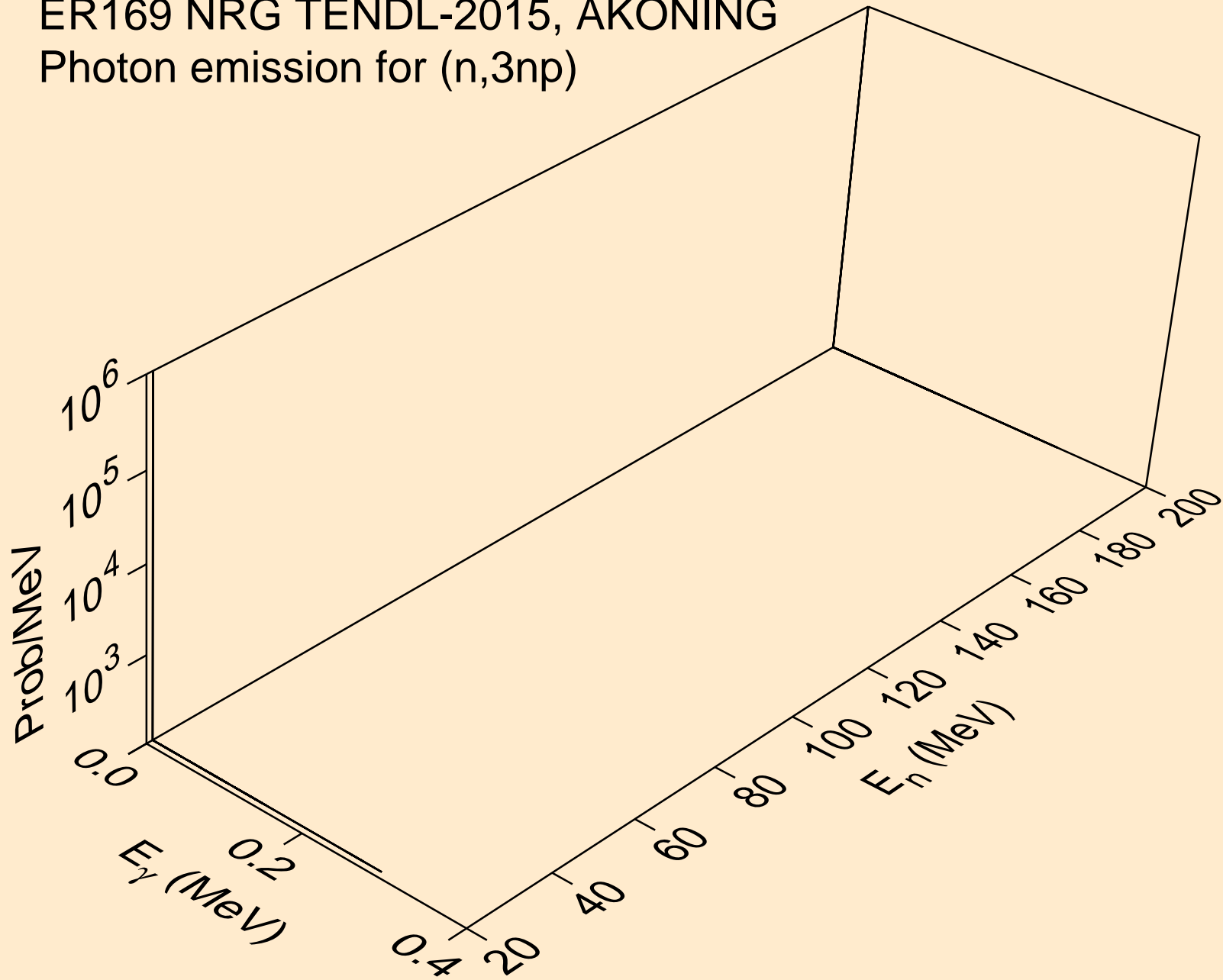
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



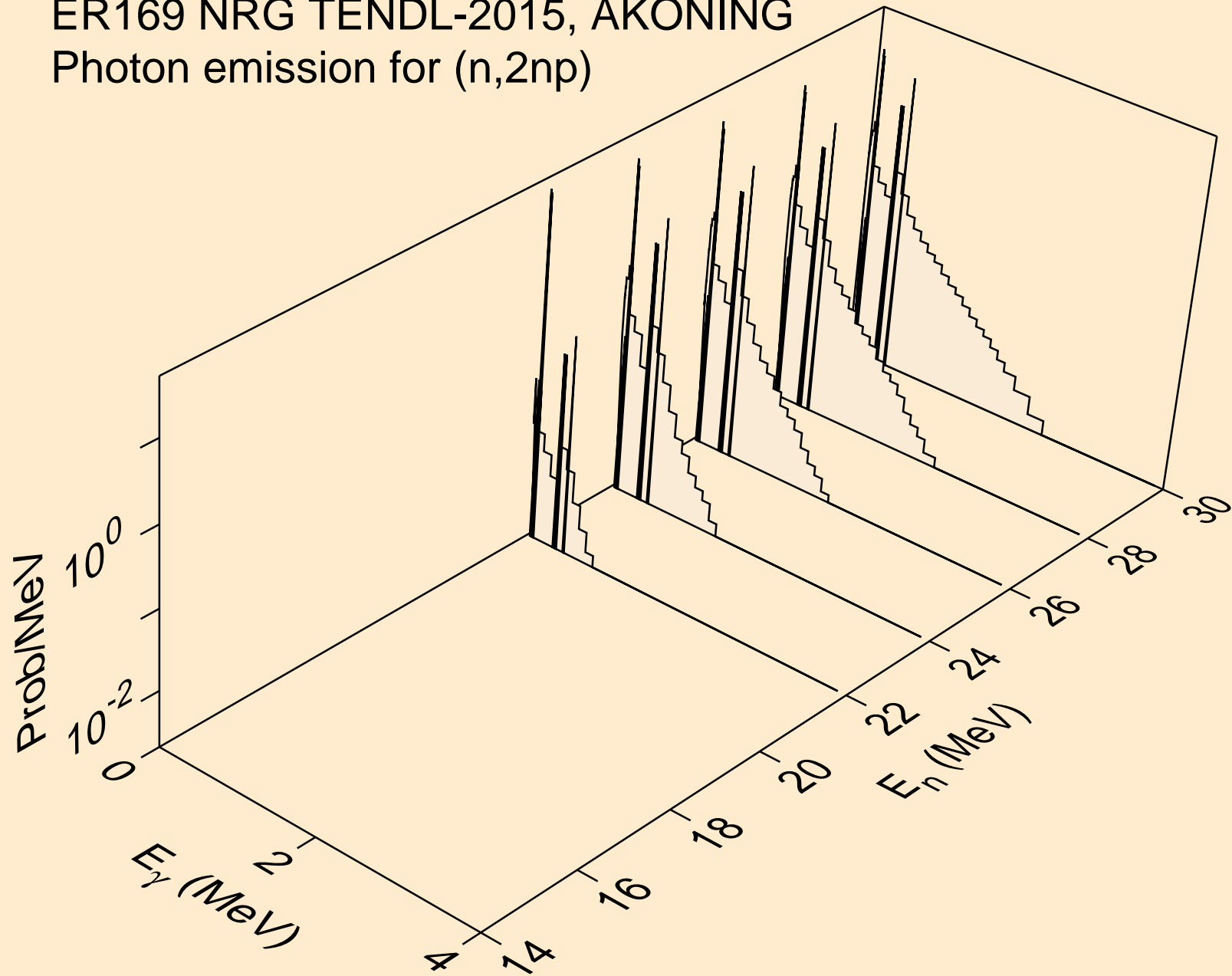
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



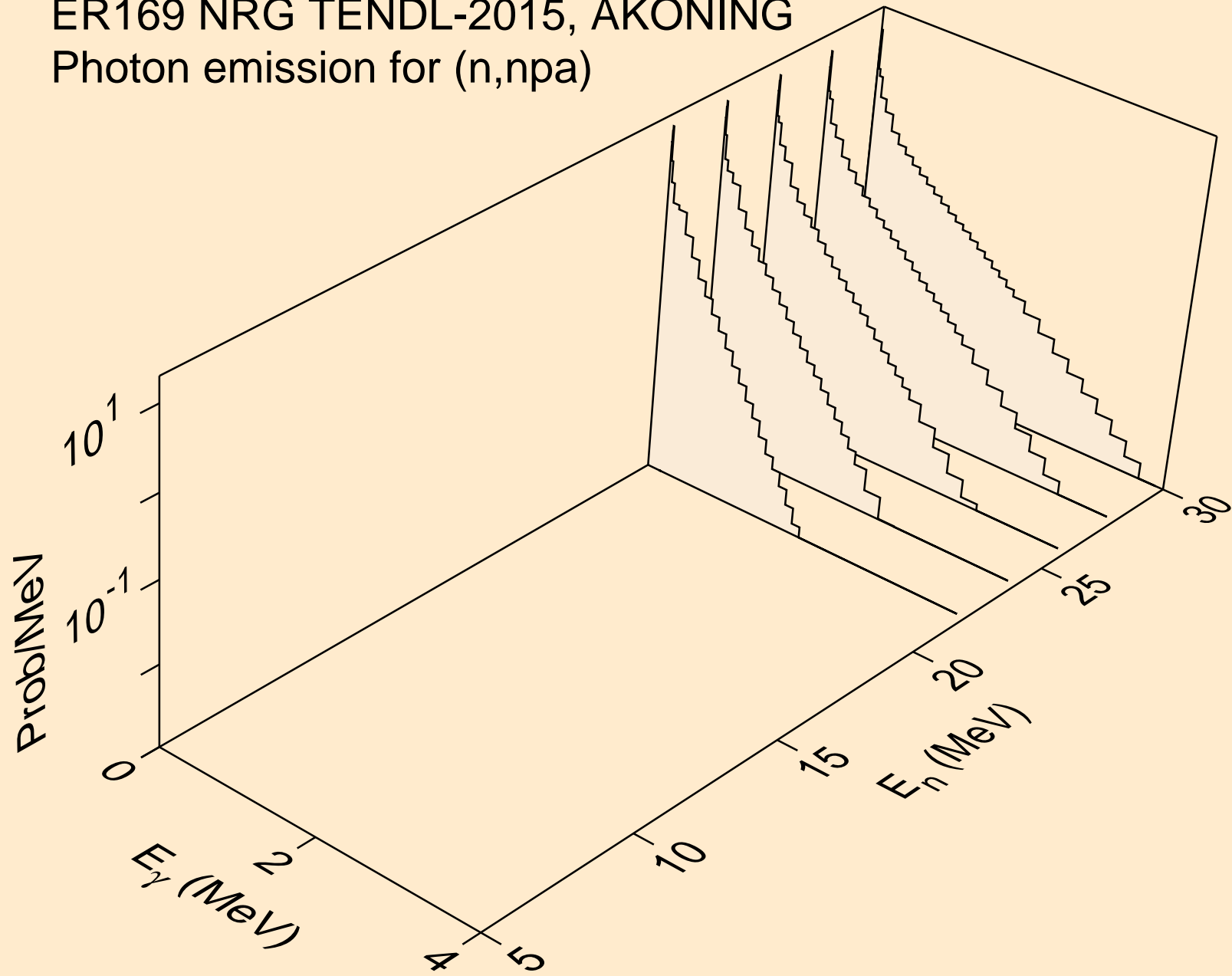
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

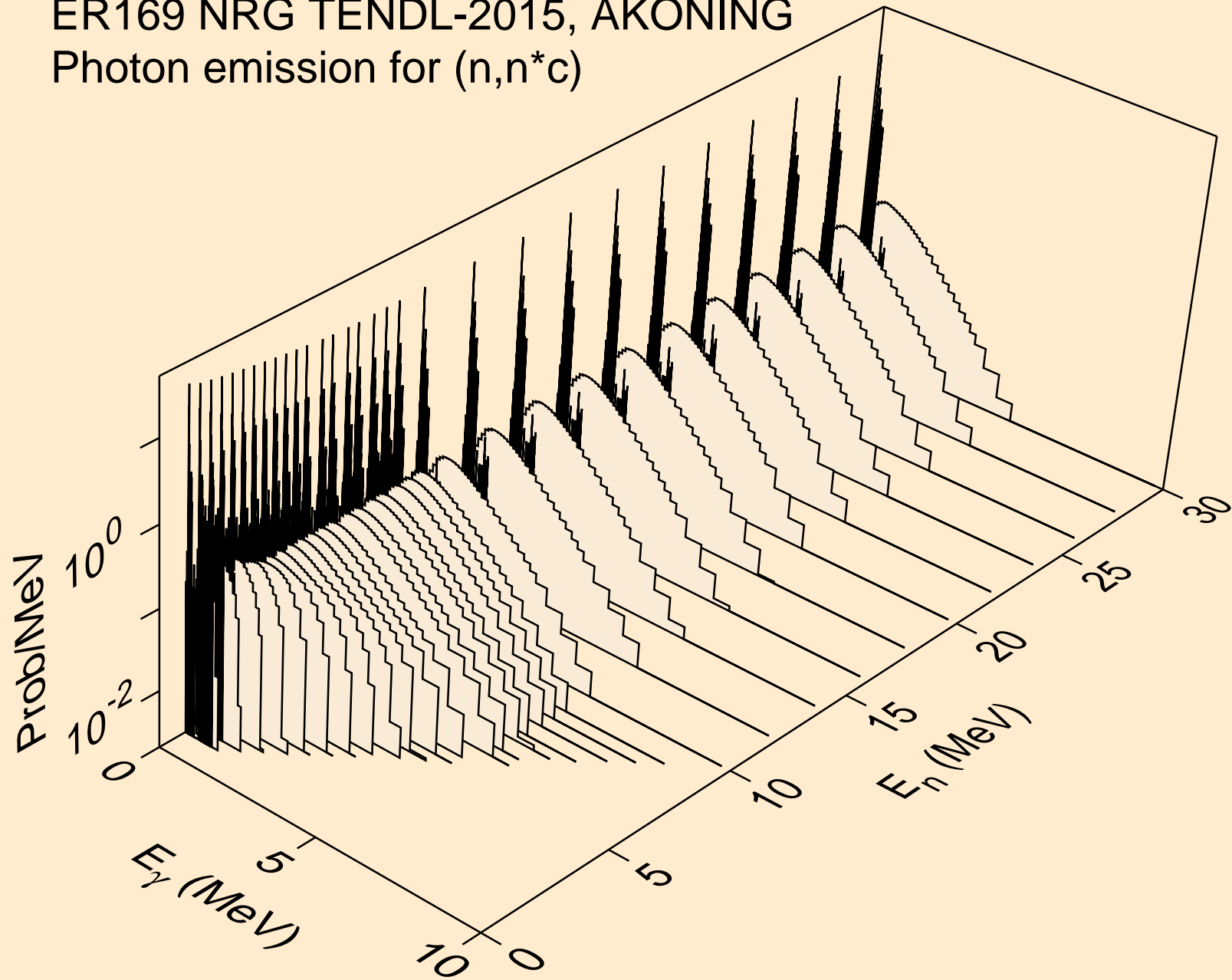


ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

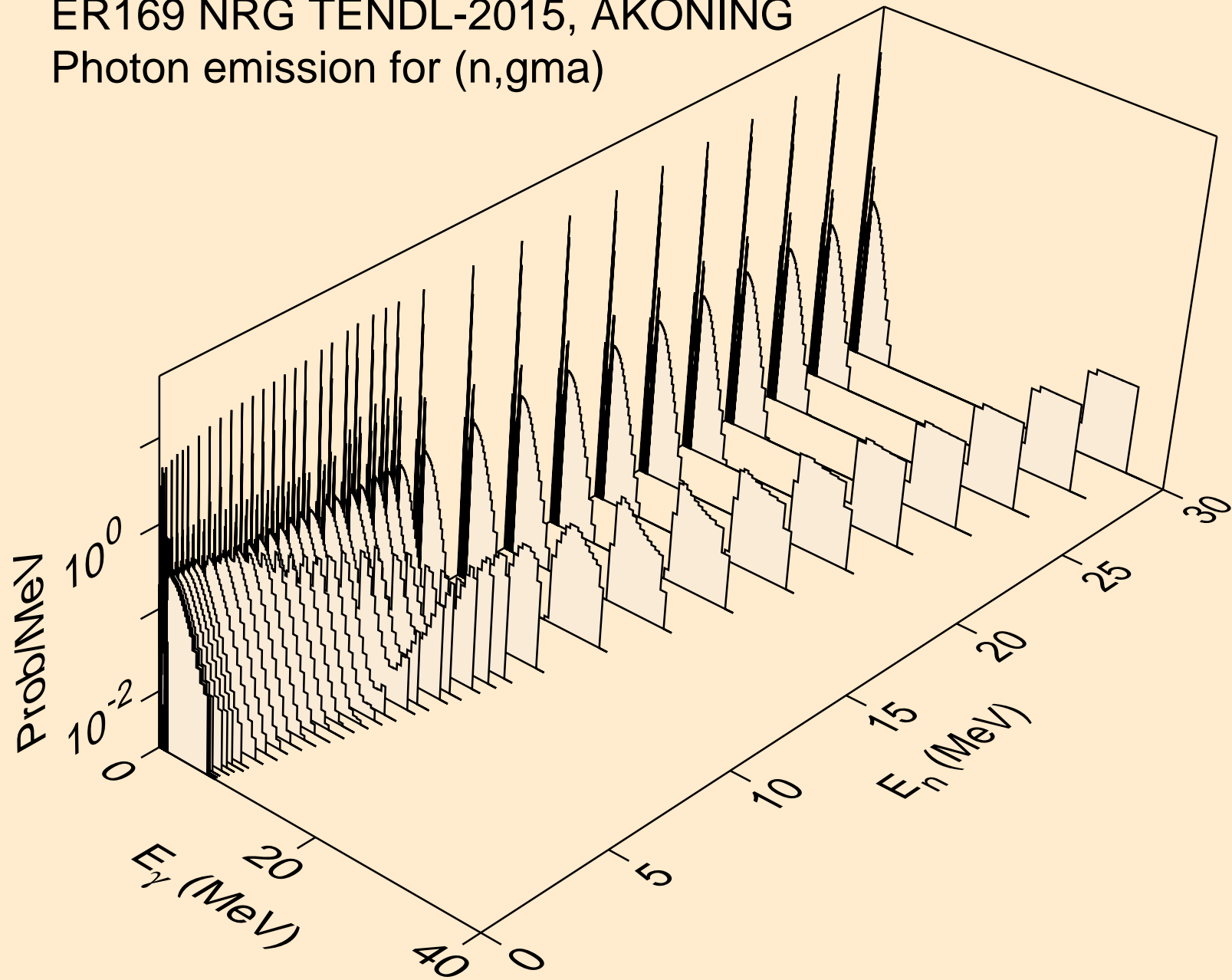




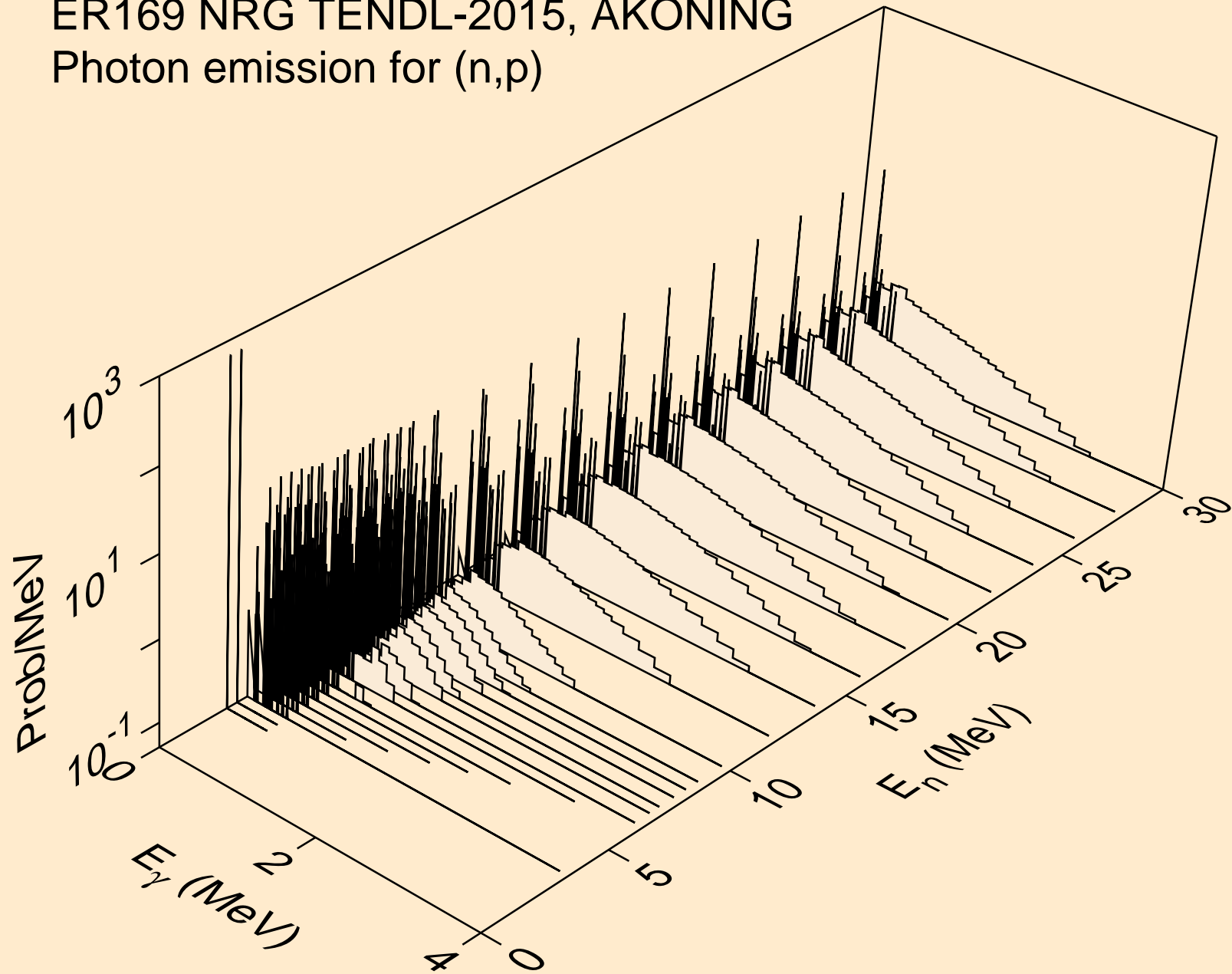
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



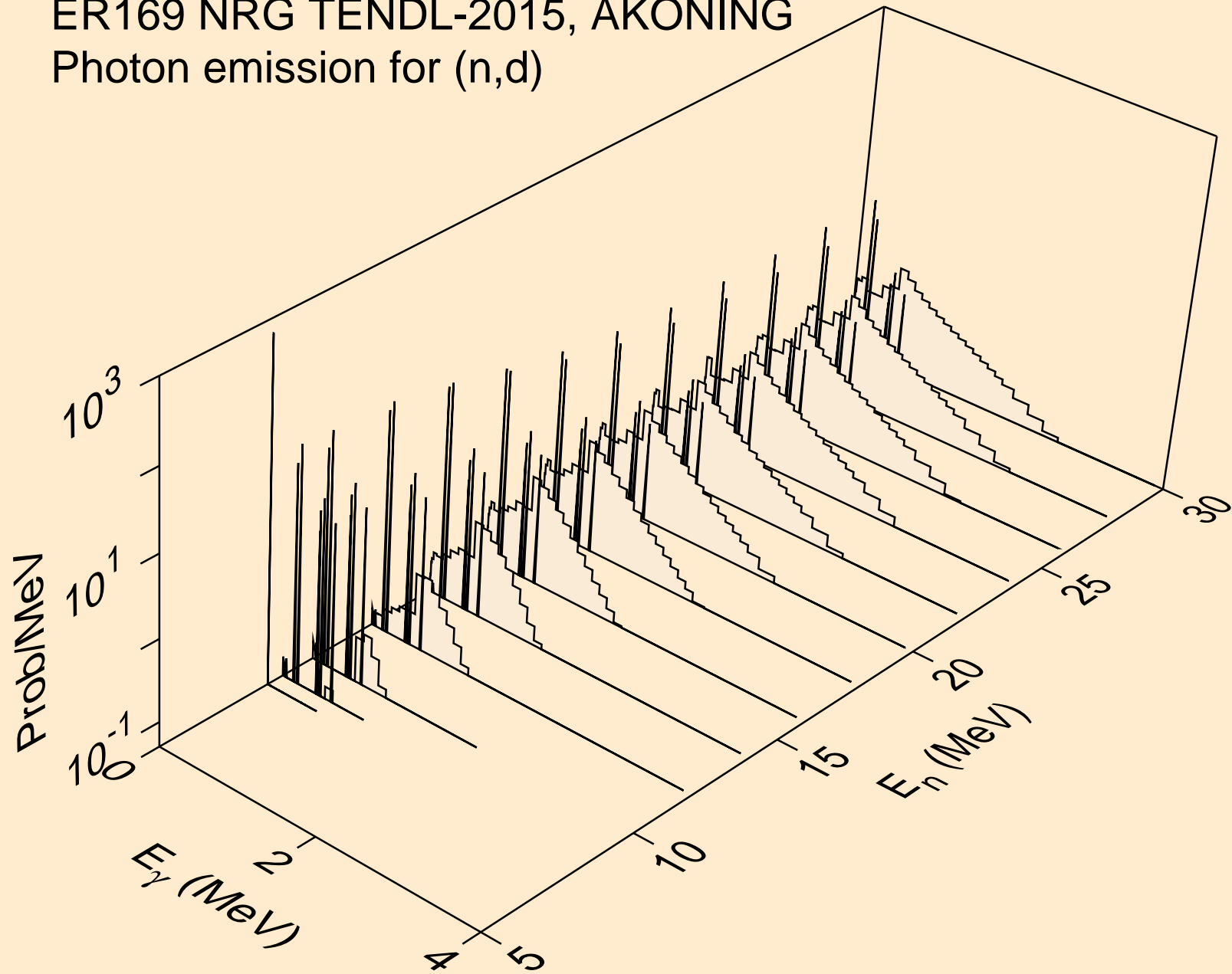
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



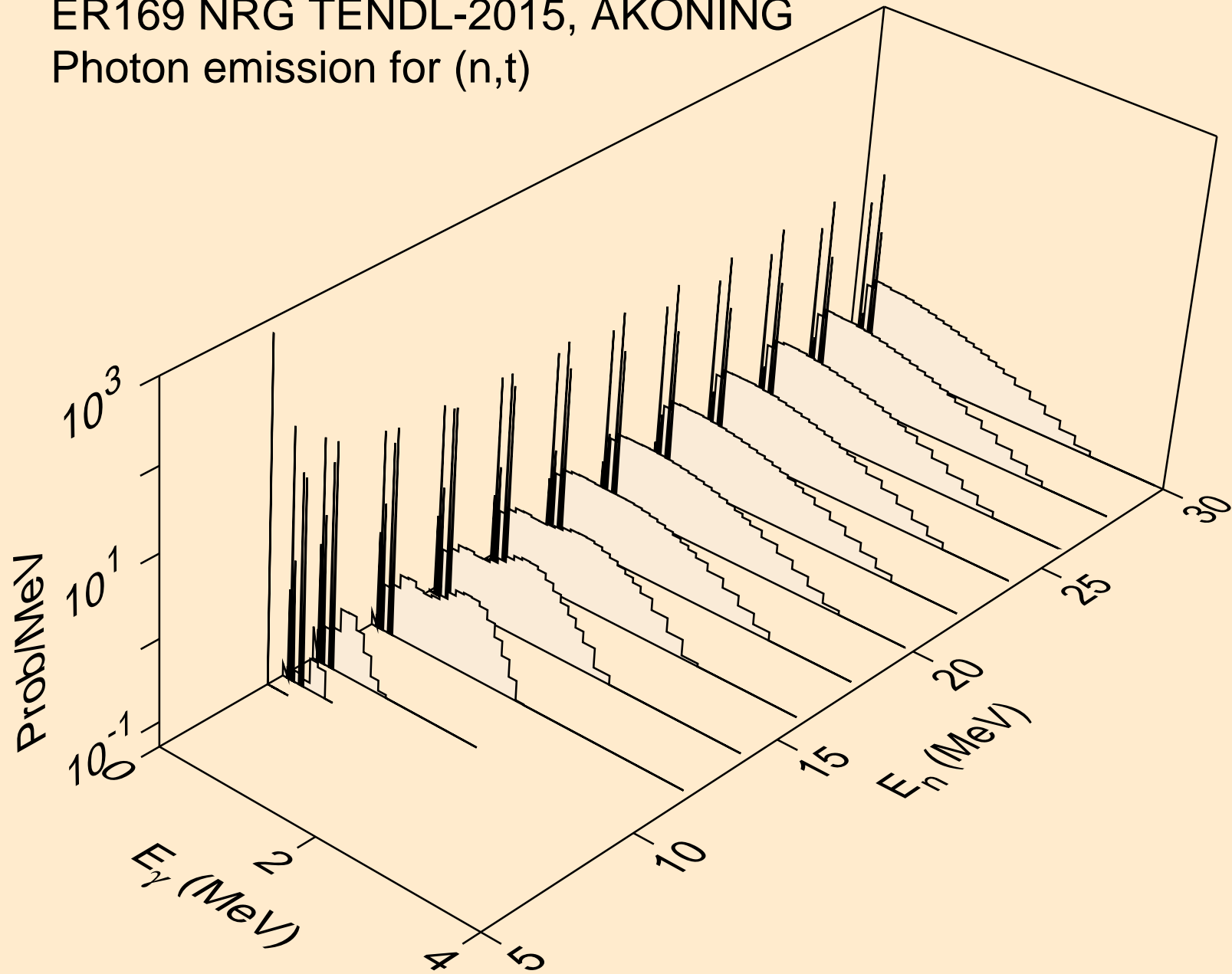
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



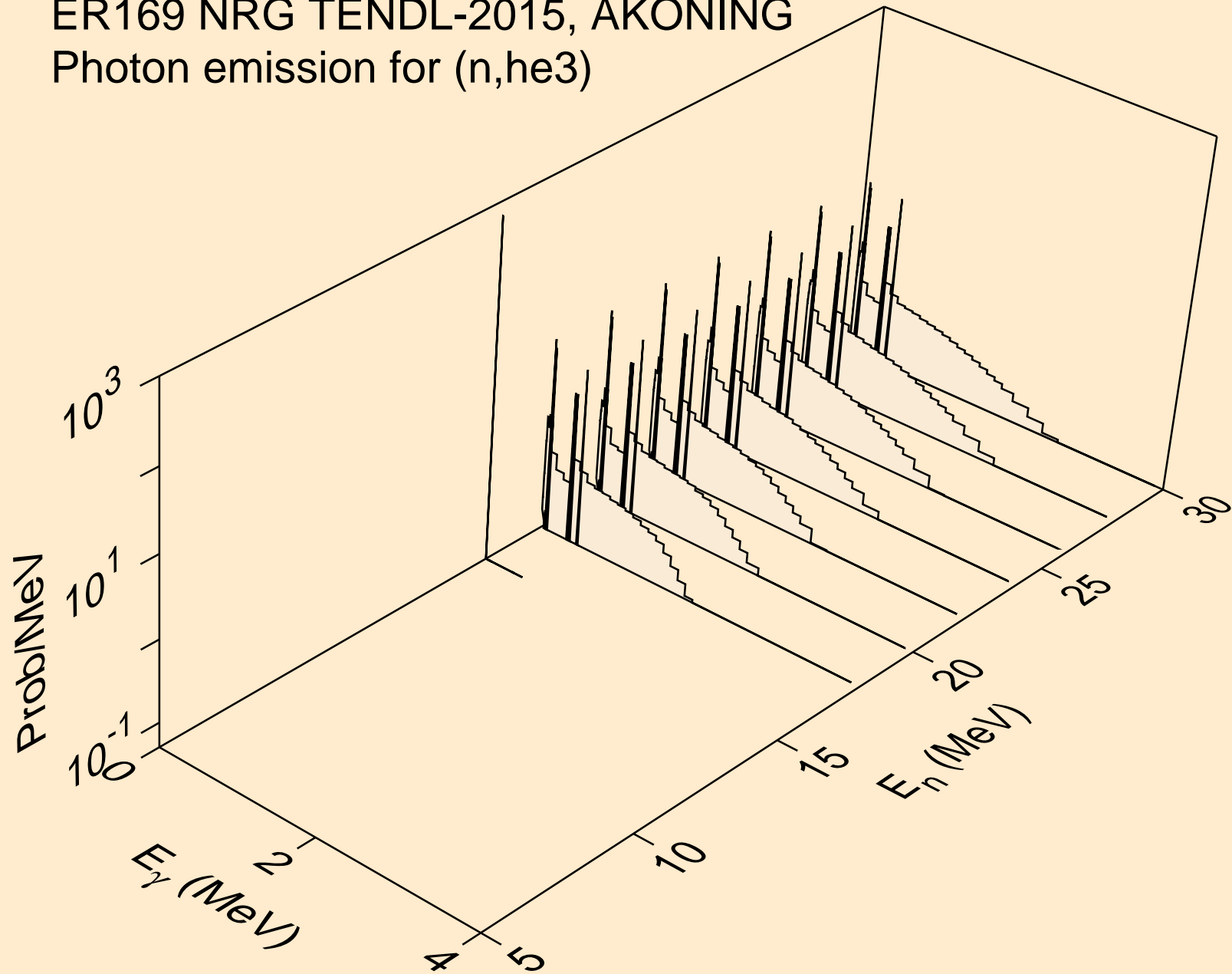
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



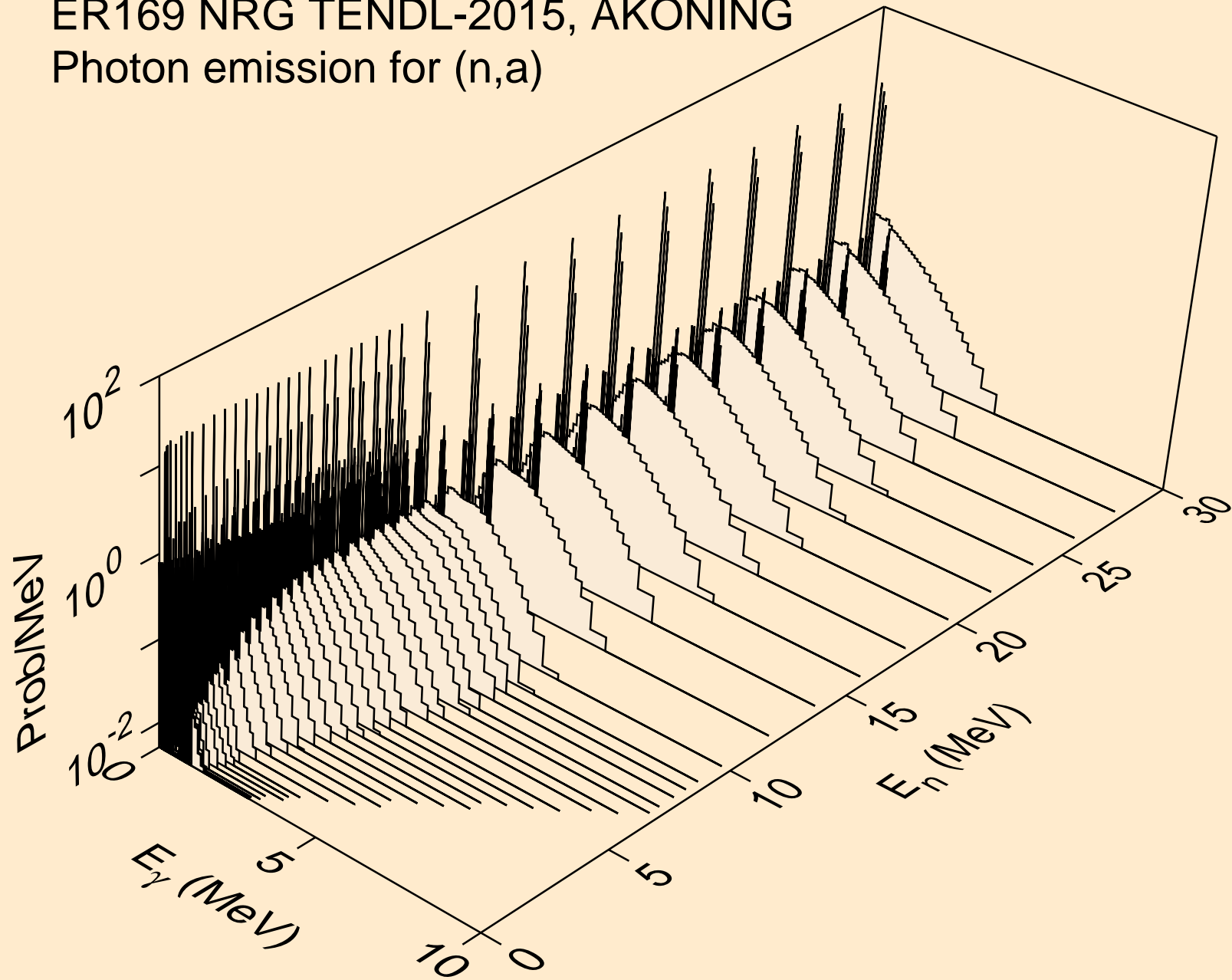
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



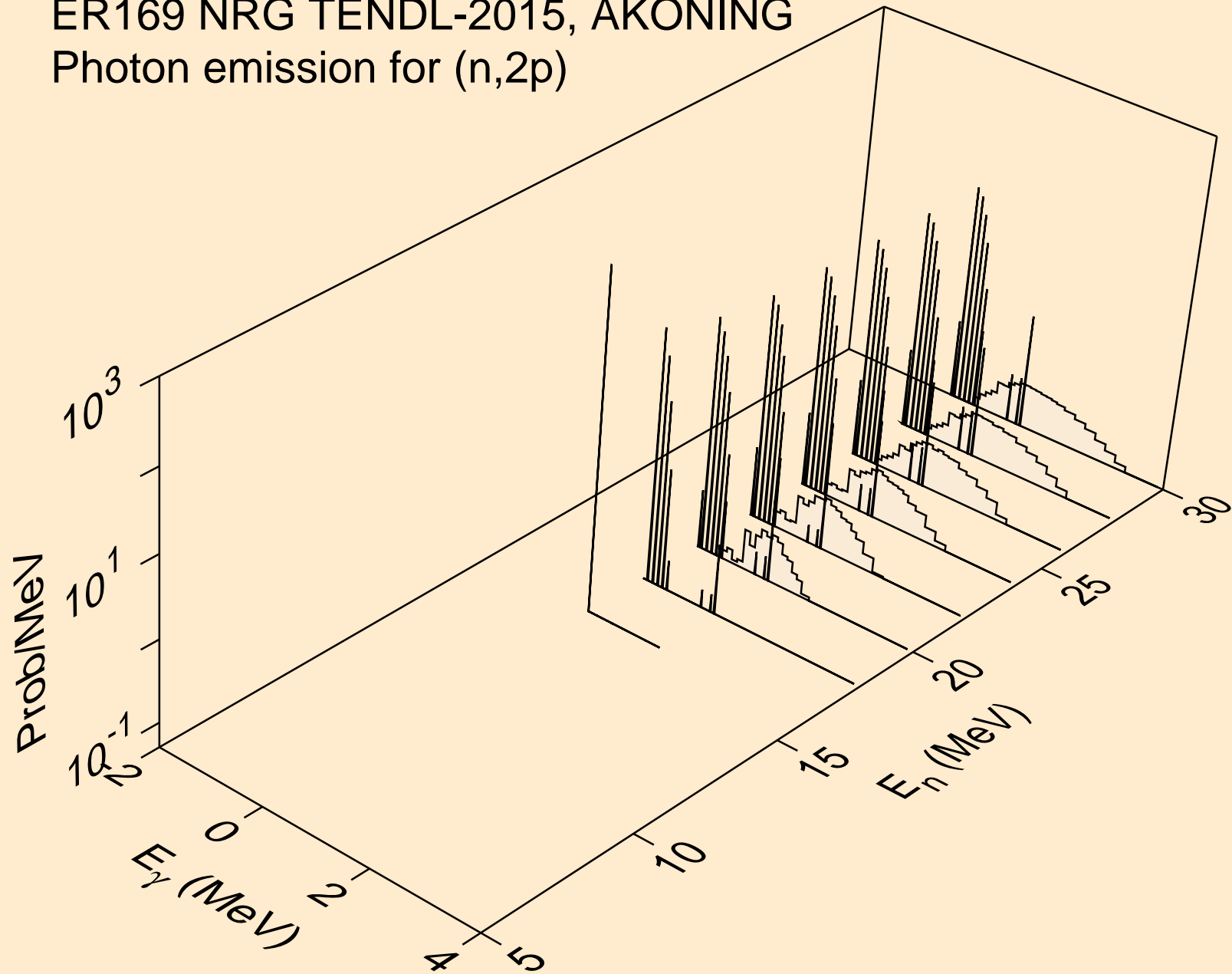
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

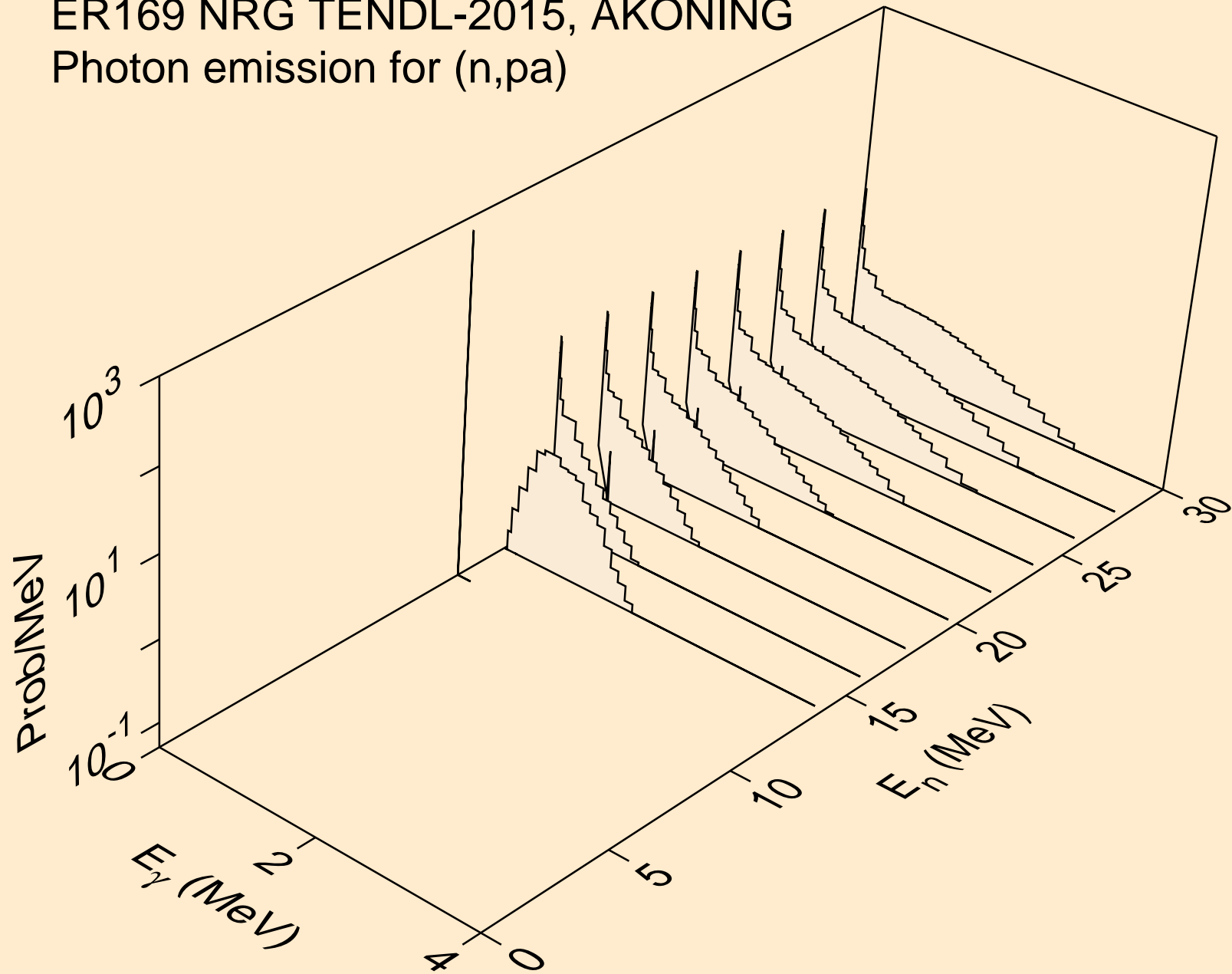


ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

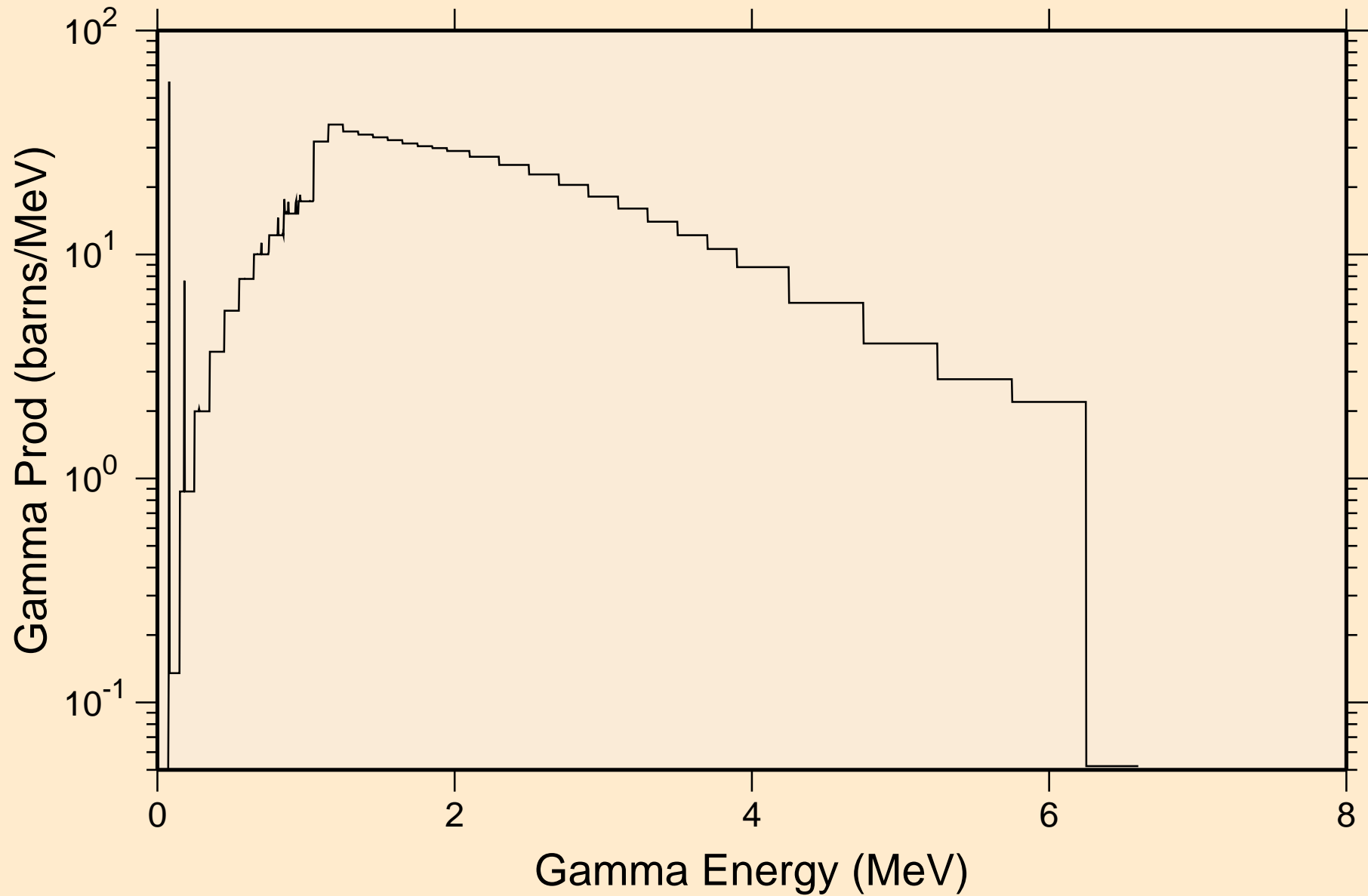




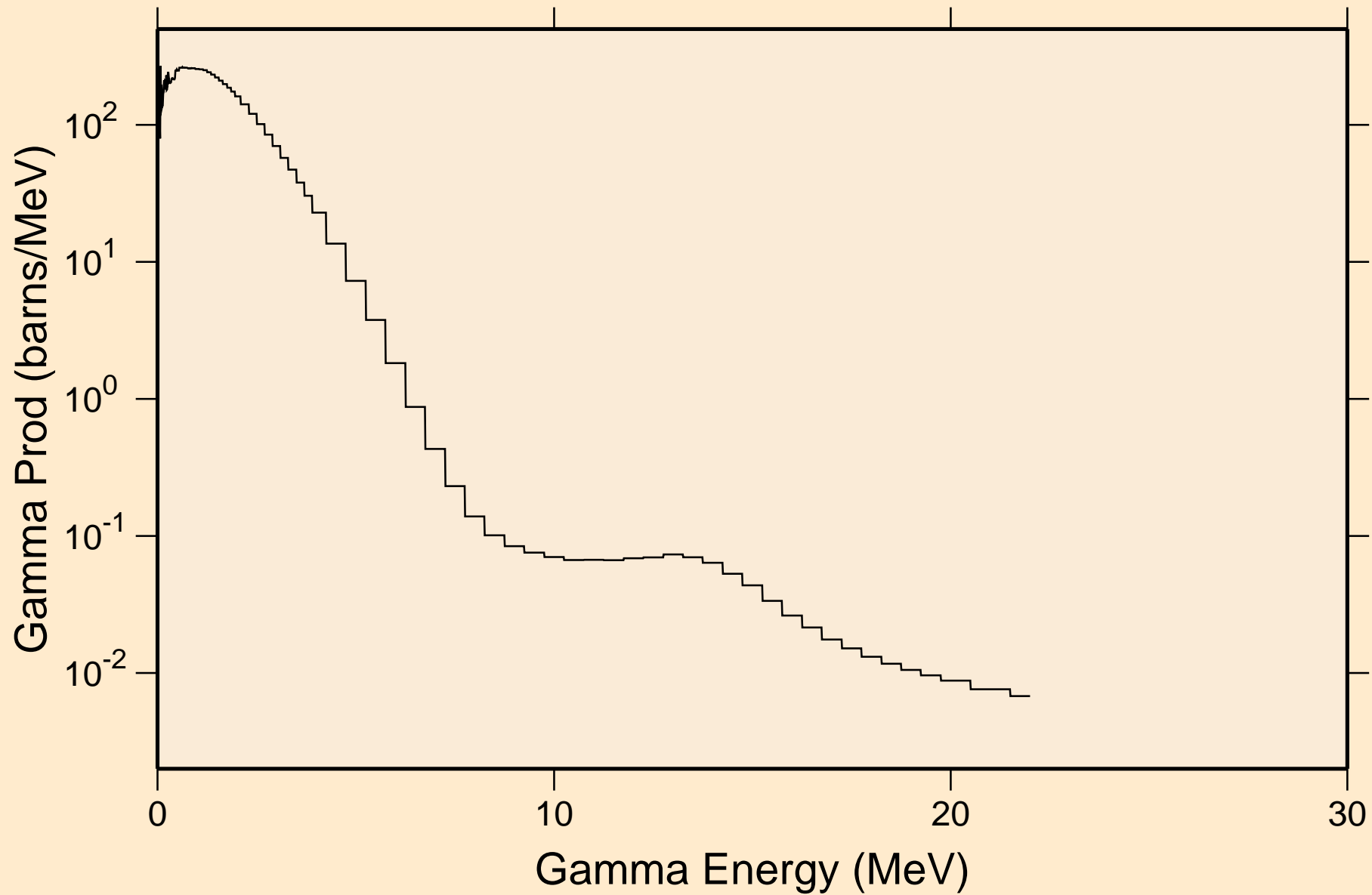
ER169 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



ER169 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

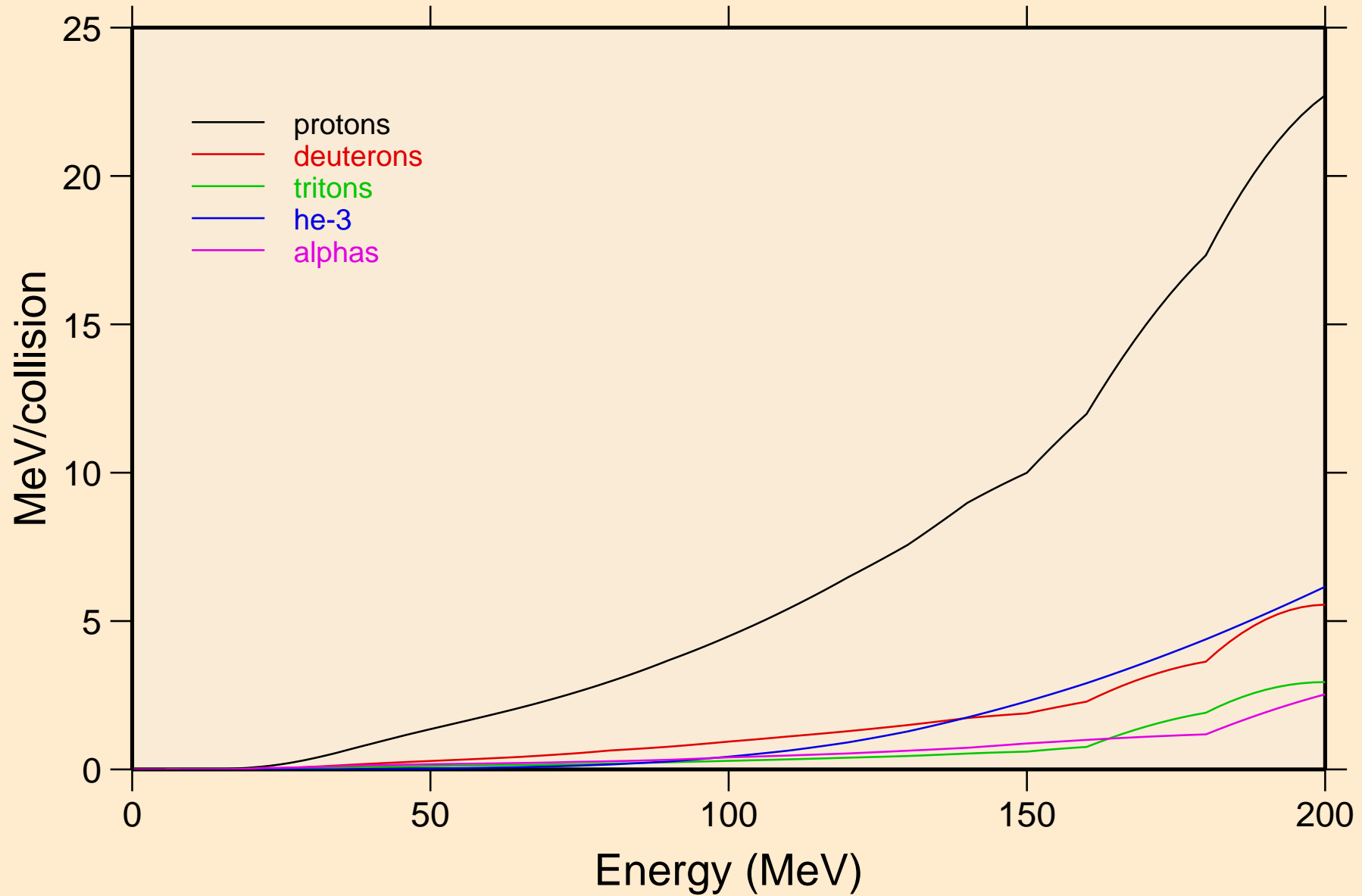


ER169 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



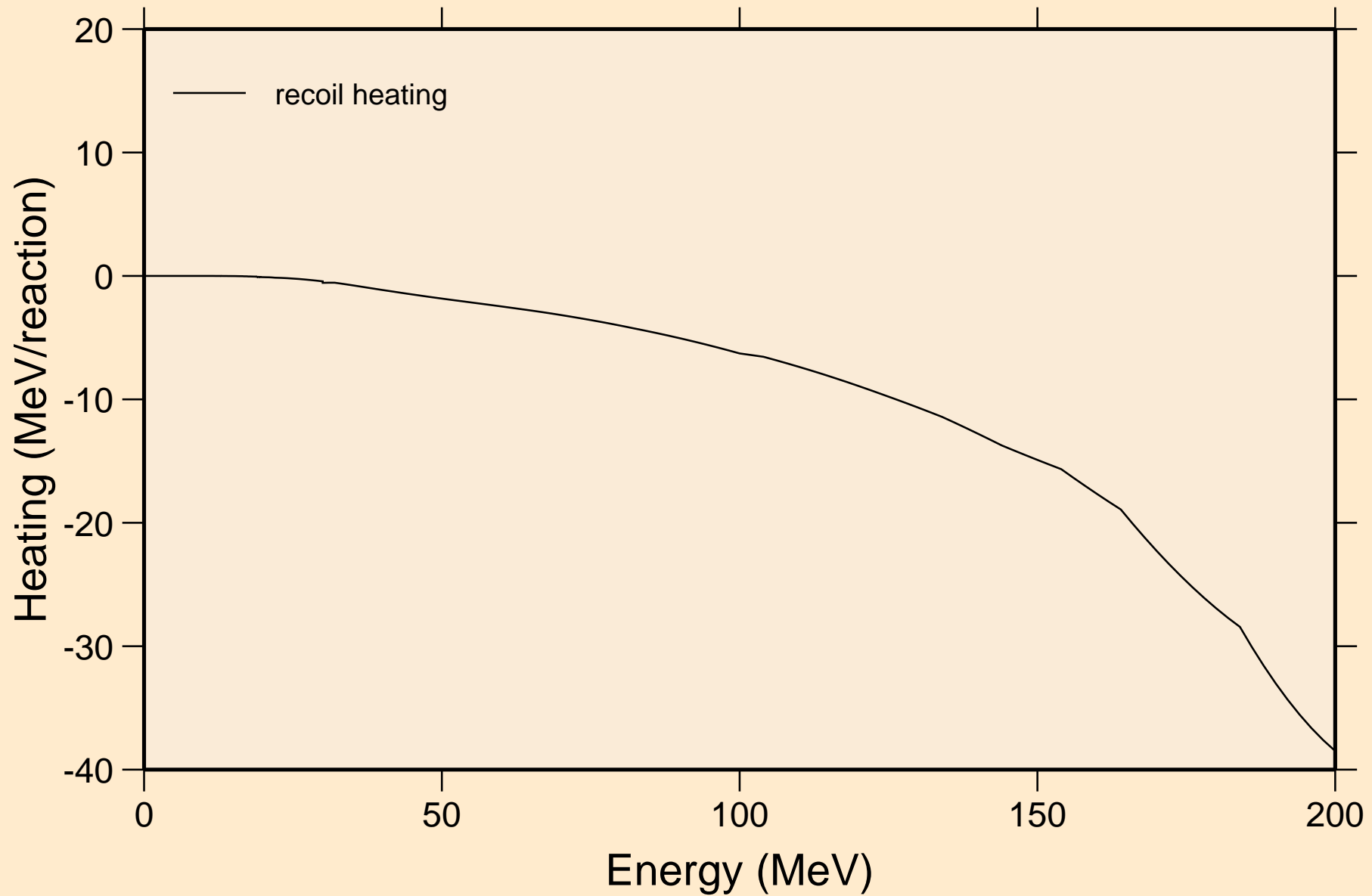
# ER169 NRG TENDL-2015, AKONING

## Particle heating contributions



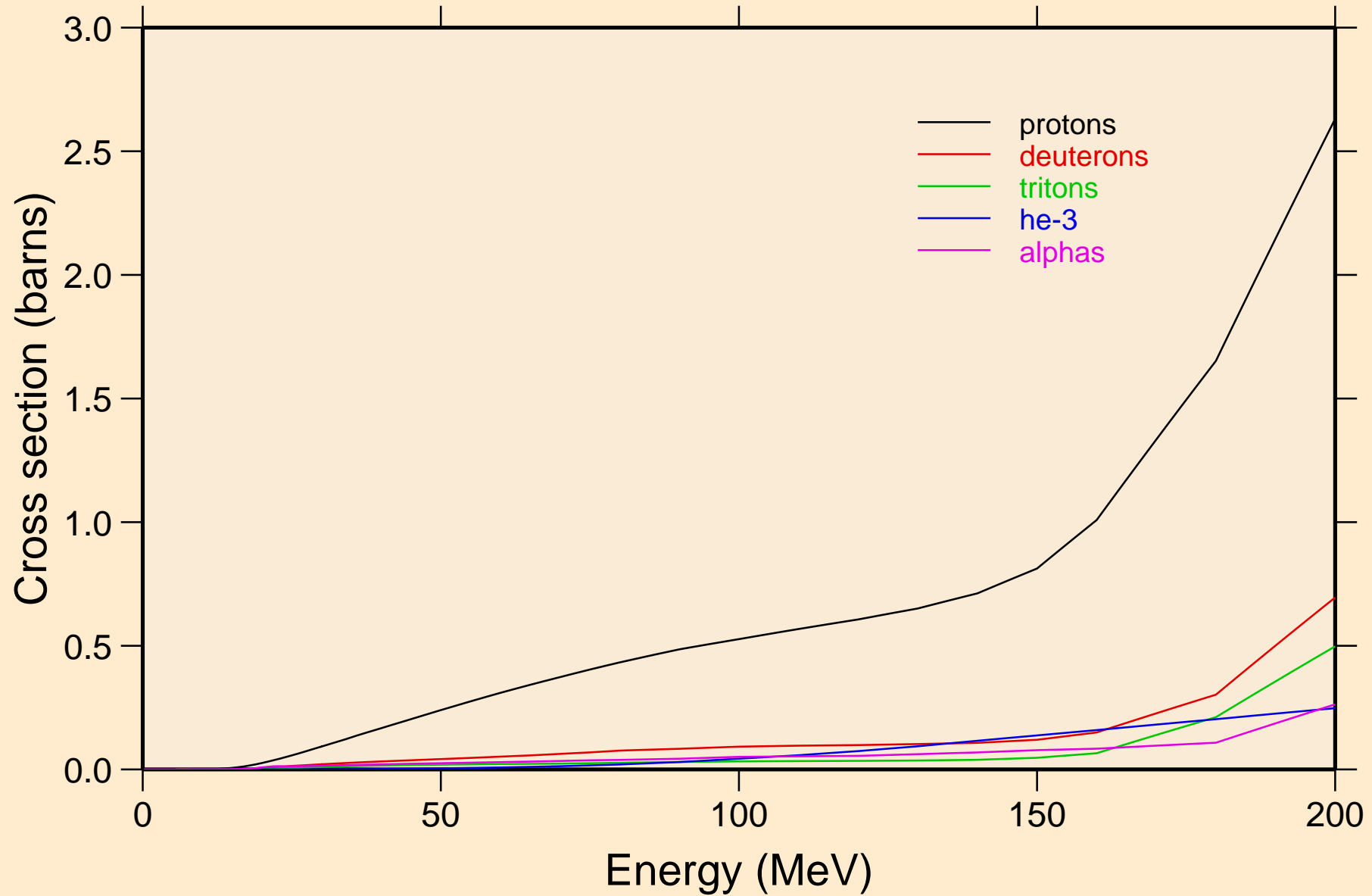
# ER169 NRG TENDL-2015, AKONING

## Recoil Heating

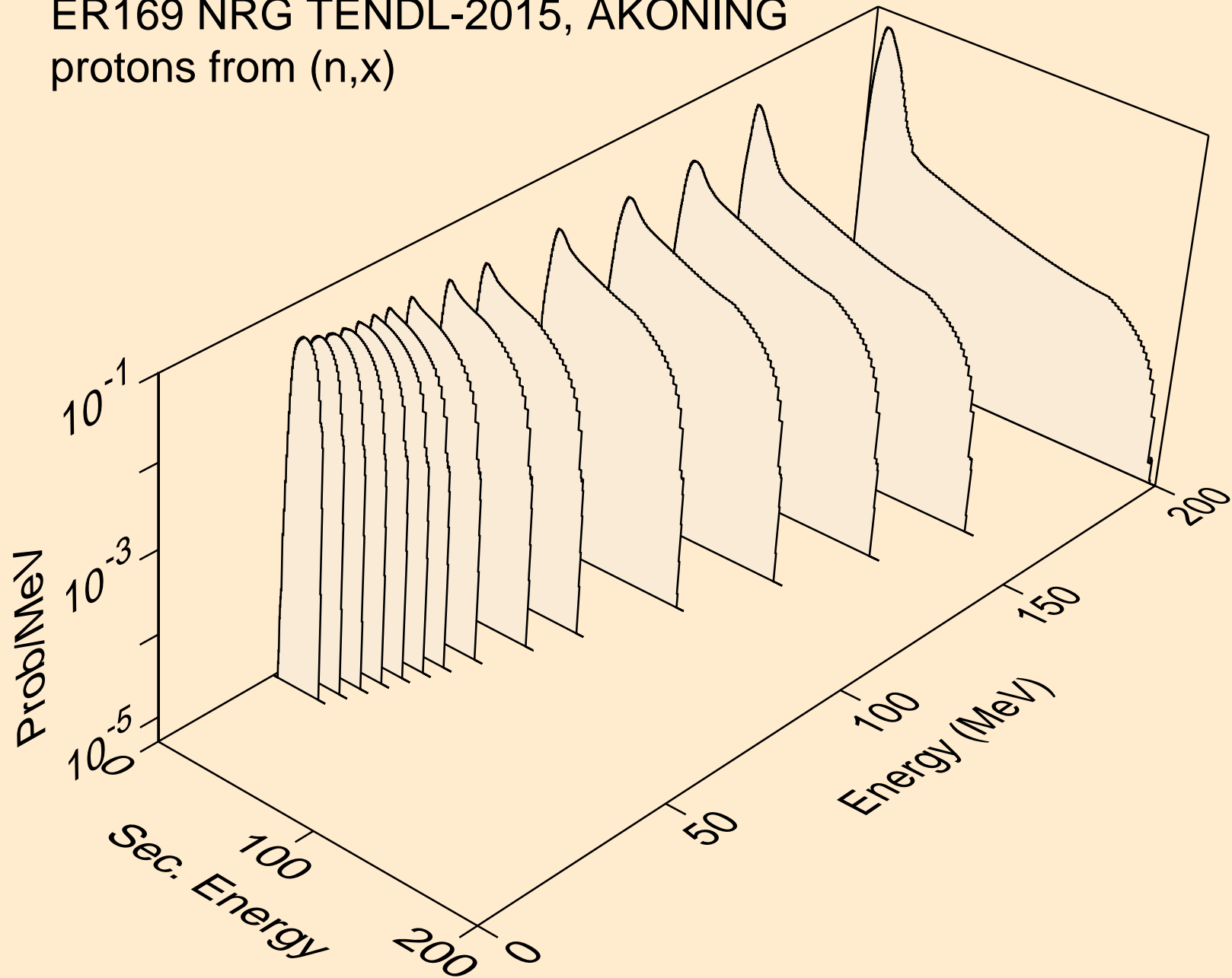


# ER169 NRG TENDL-2015, AKONING

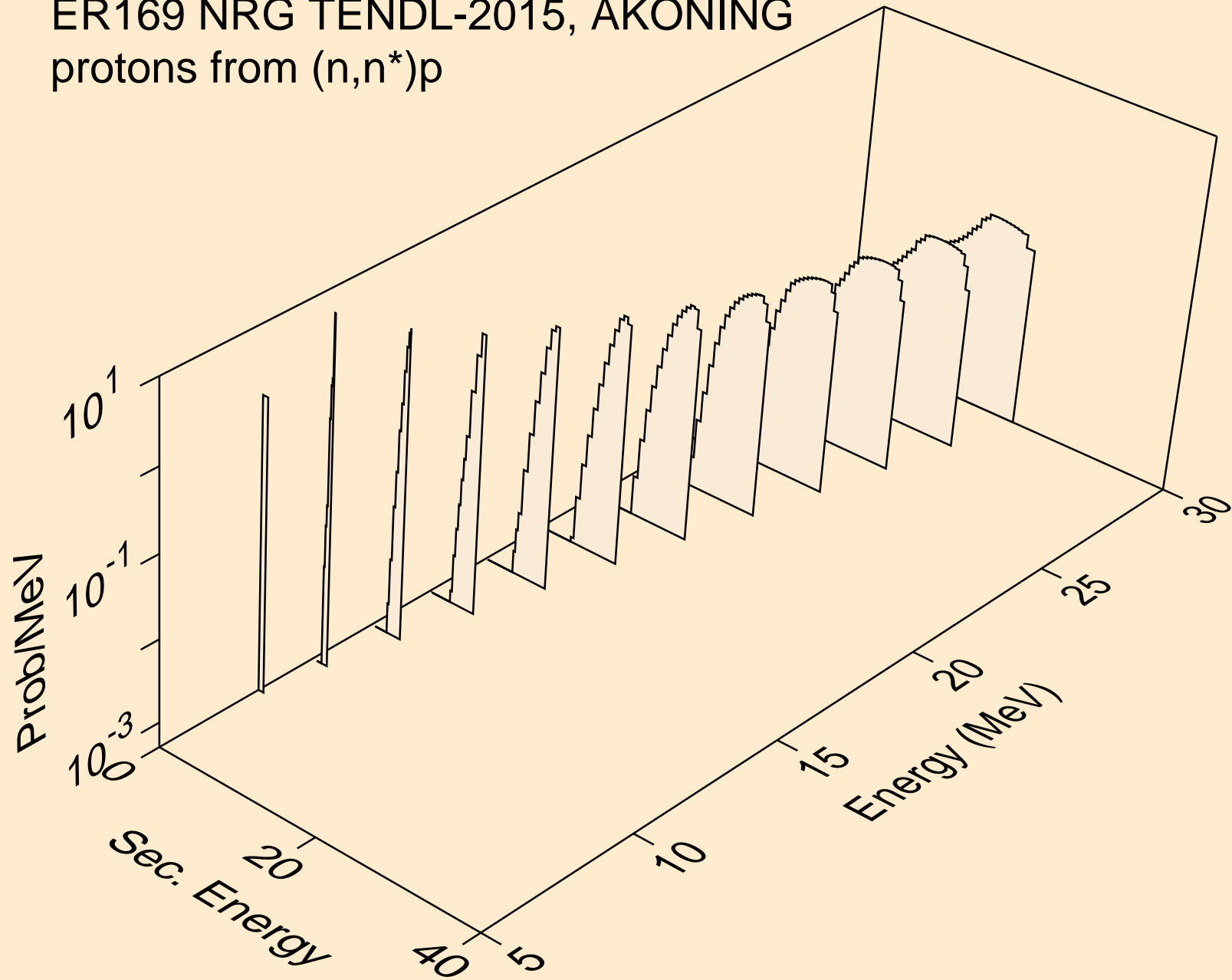
## Particle production cross sections



ER169 NRG TENDL-2015, AKONING  
protons from (n,x)

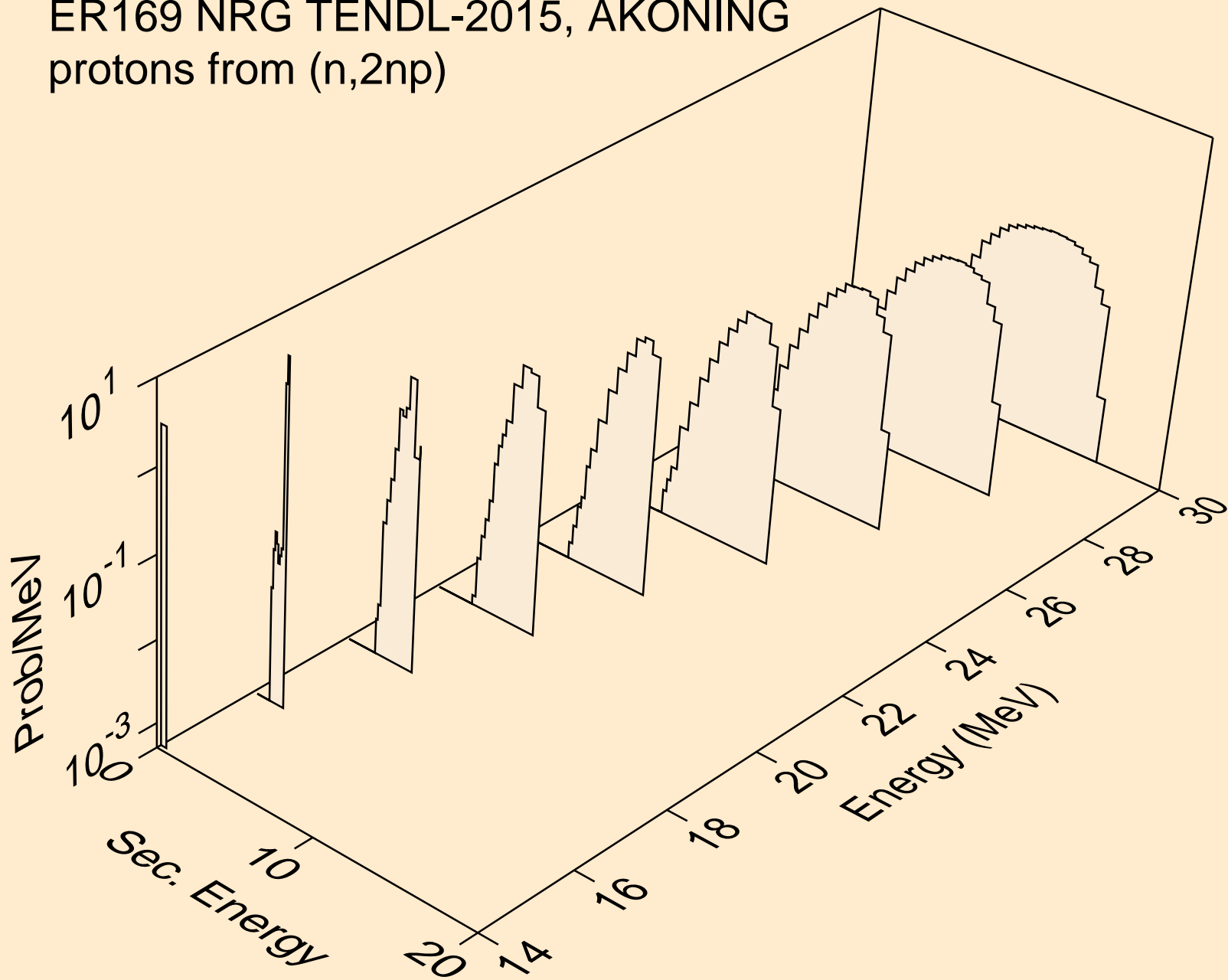


ER169 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

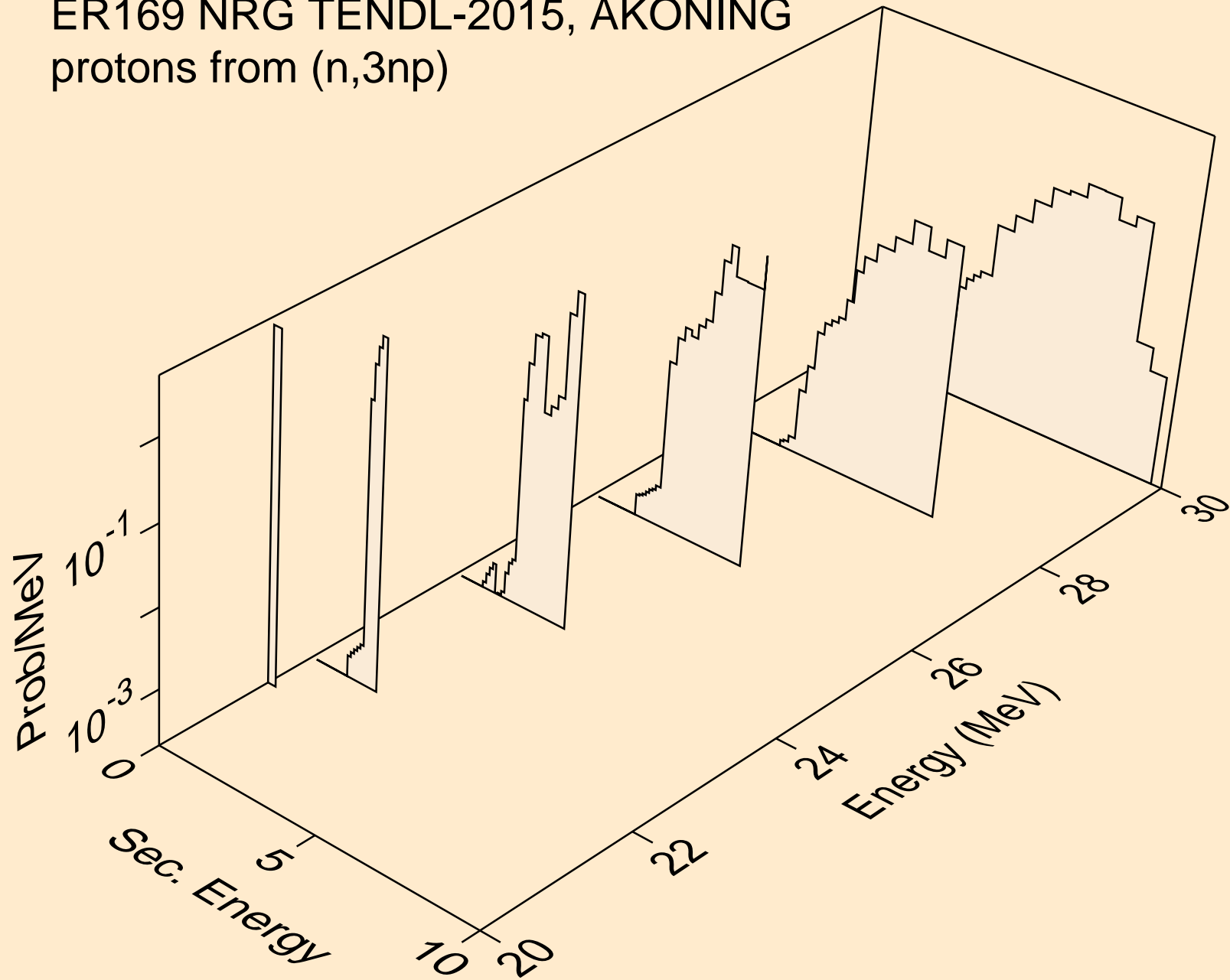




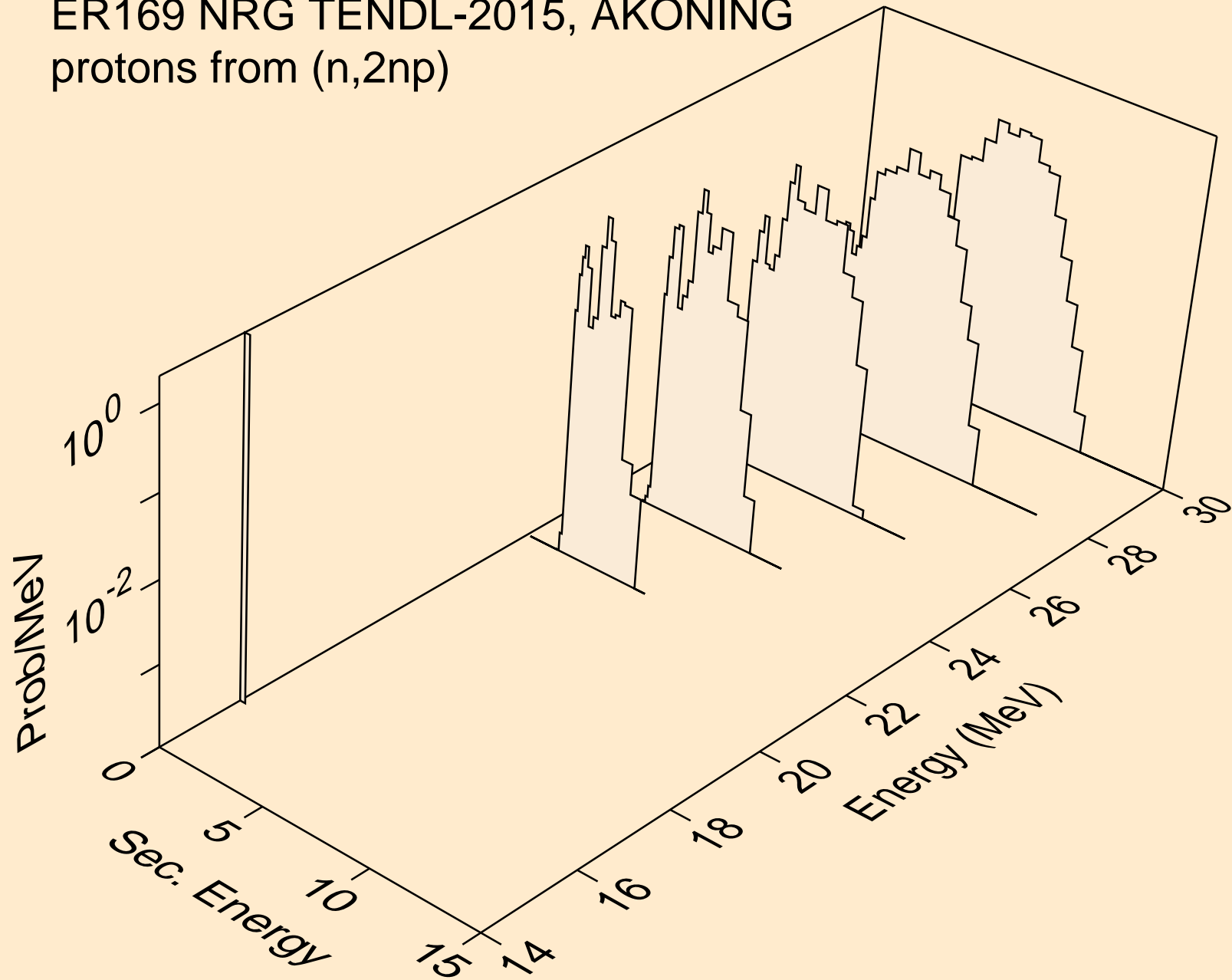
ER169 NRG TENDL-2015, AKONING  
protons from (n,2np)



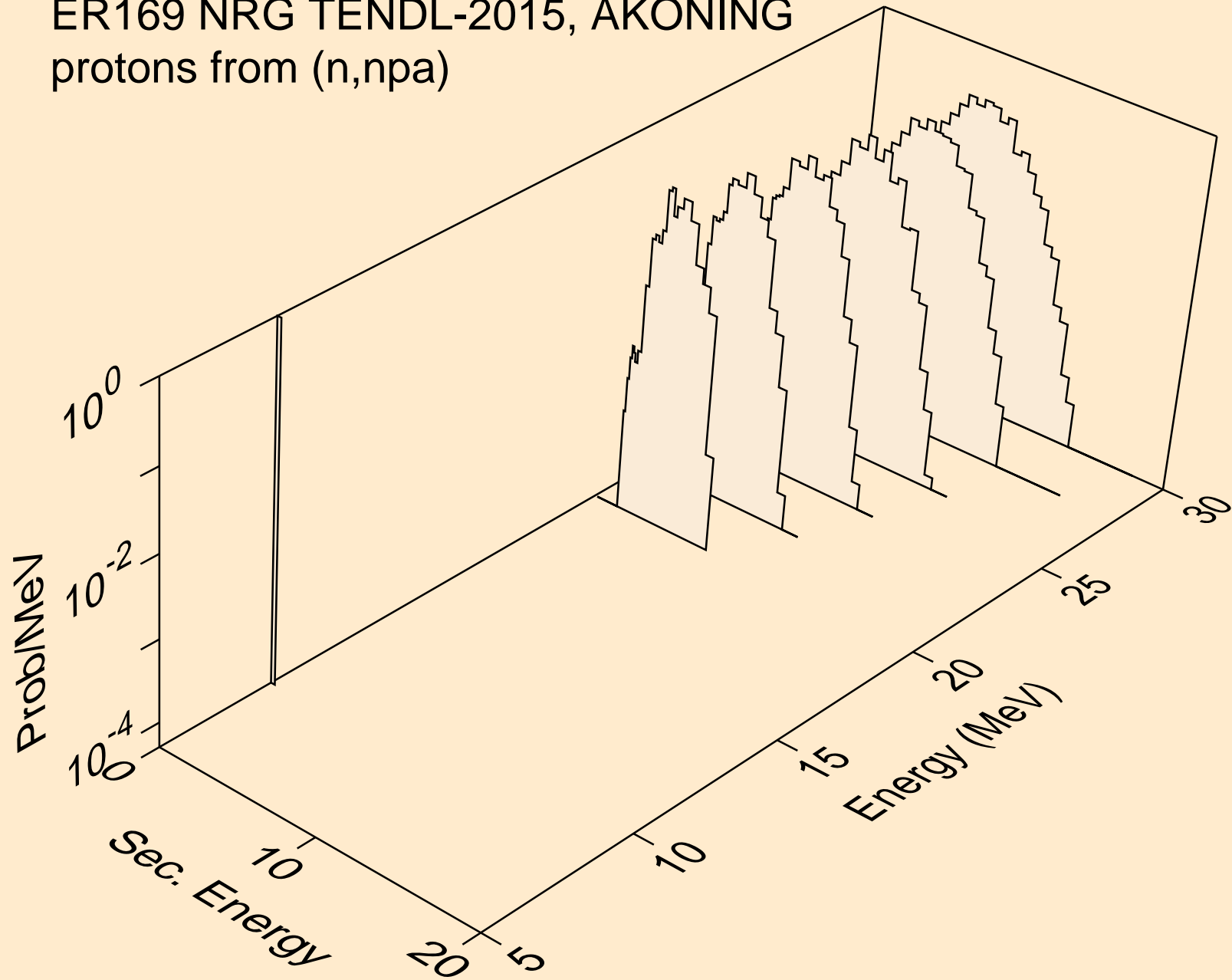
ER169 NRG TENDL-2015, AKONING  
protons from (n,3np)



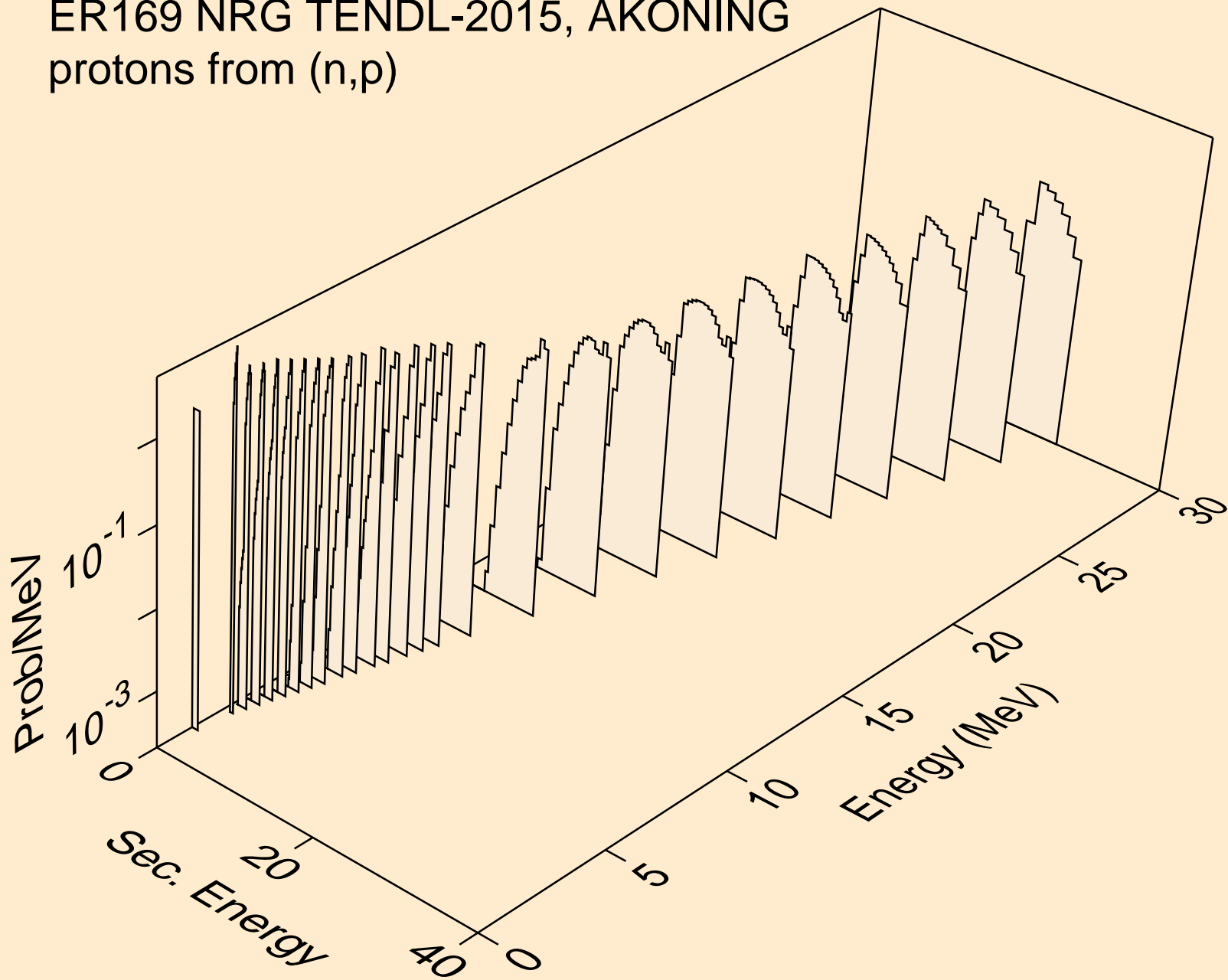
ER169 NRG TENDL-2015, AKONING  
protons from (n,2np)



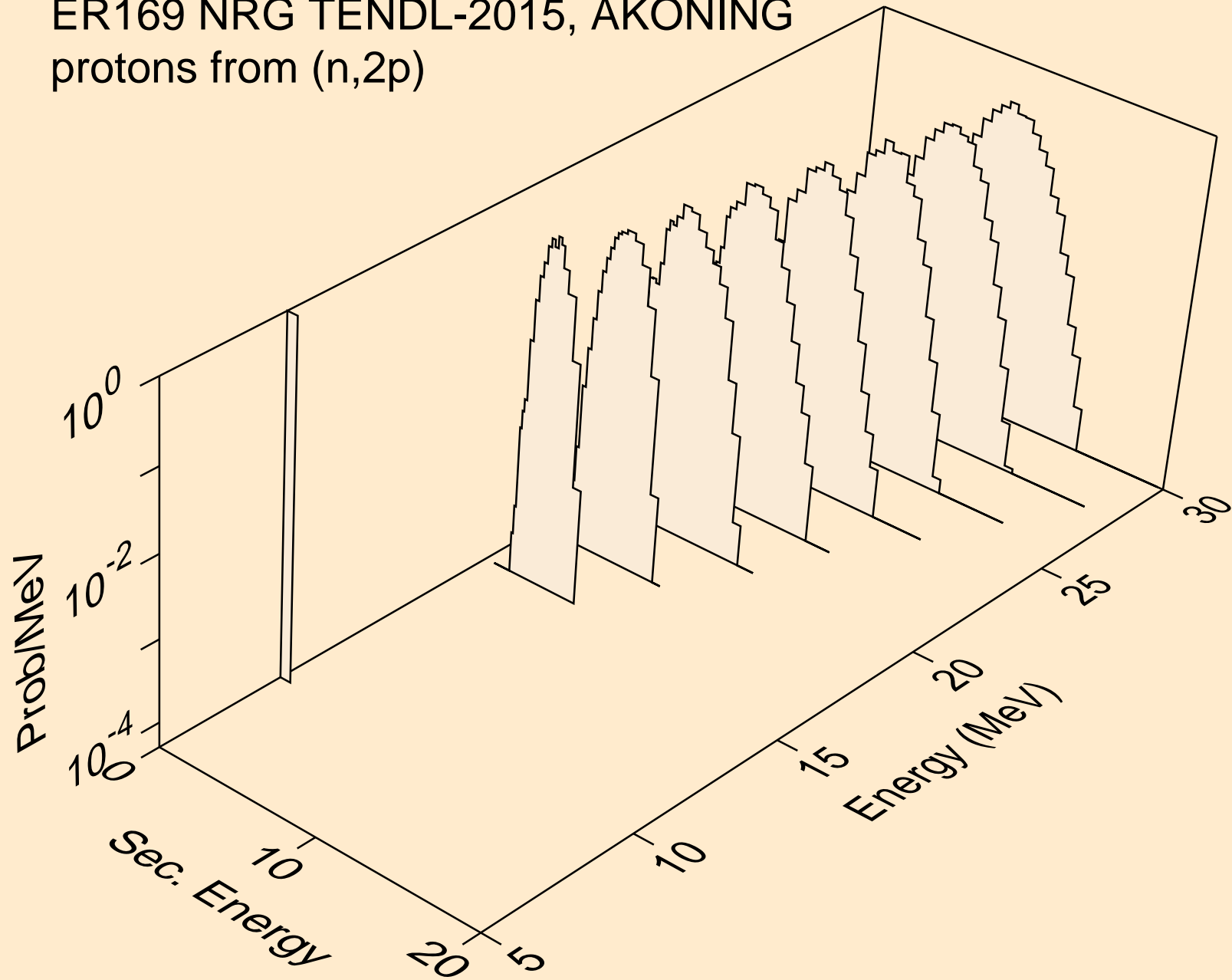
ER169 NRG TENDL-2015, AKONING  
protons from (n,npa)



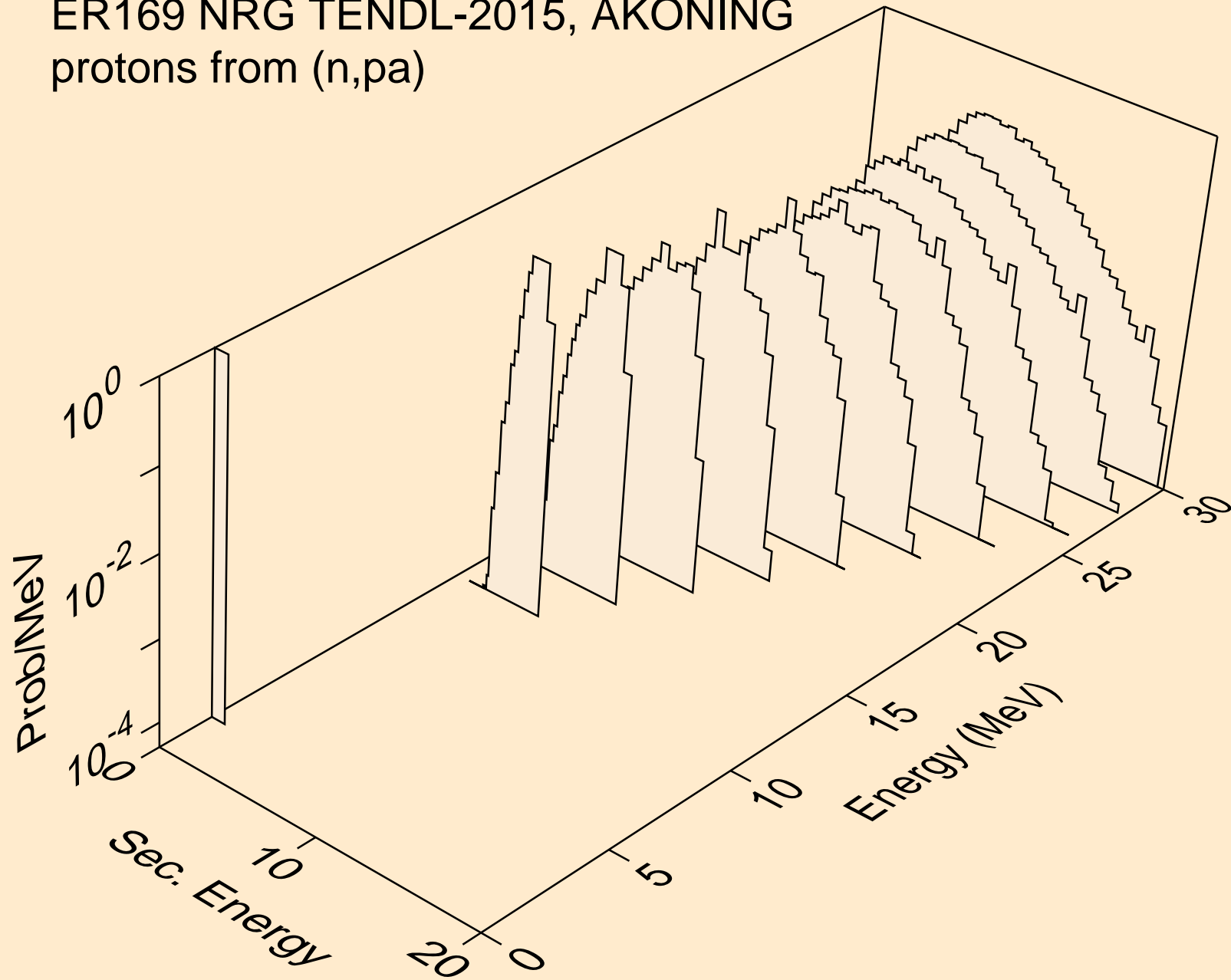
ER169 NRG TENDL-2015, AKONING  
protons from (n,p)



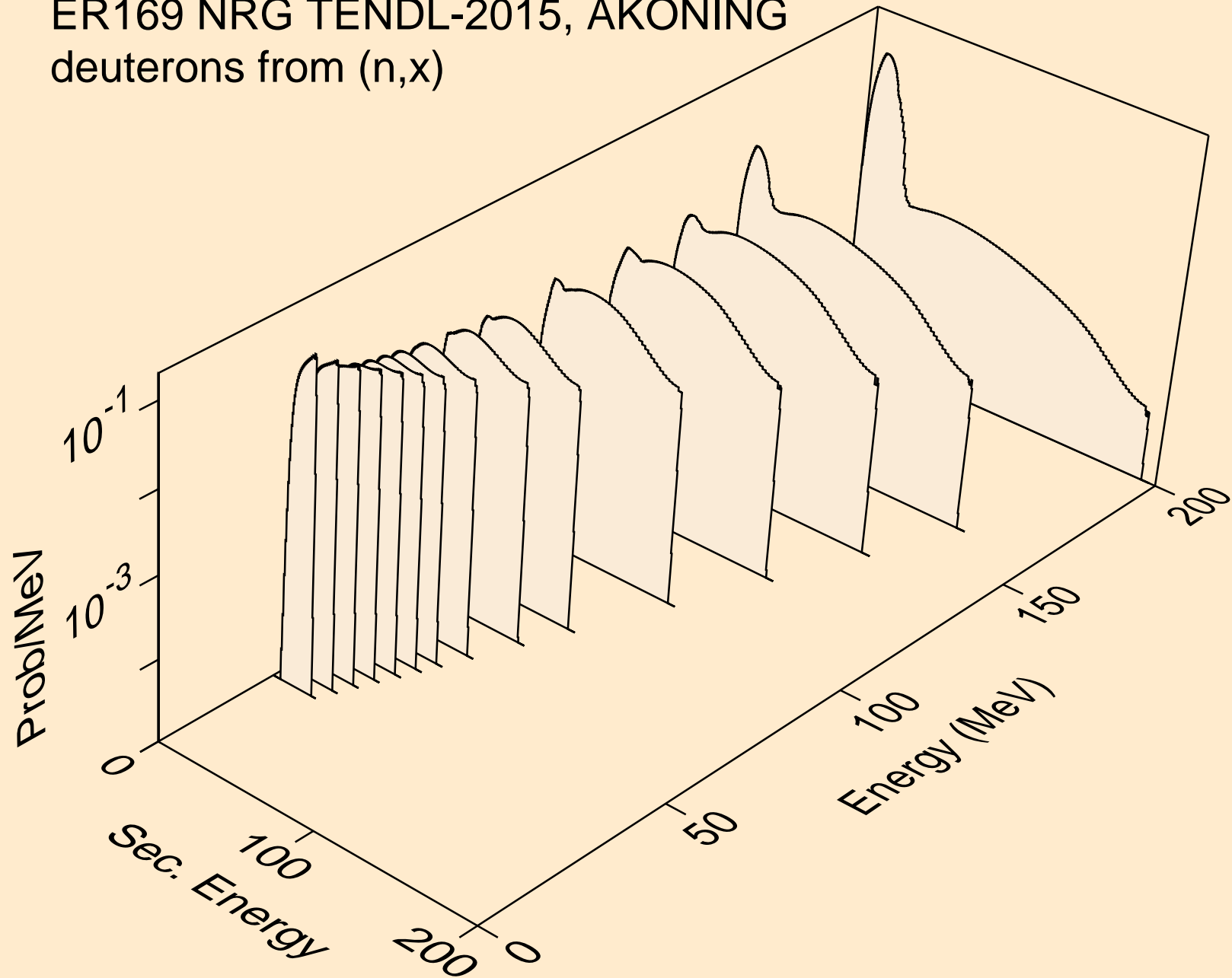
ER169 NRG TENDL-2015, AKONING  
protons from (n,2p)



ER169 NRG TENDL-2015, AKONING  
protons from (n,pa)

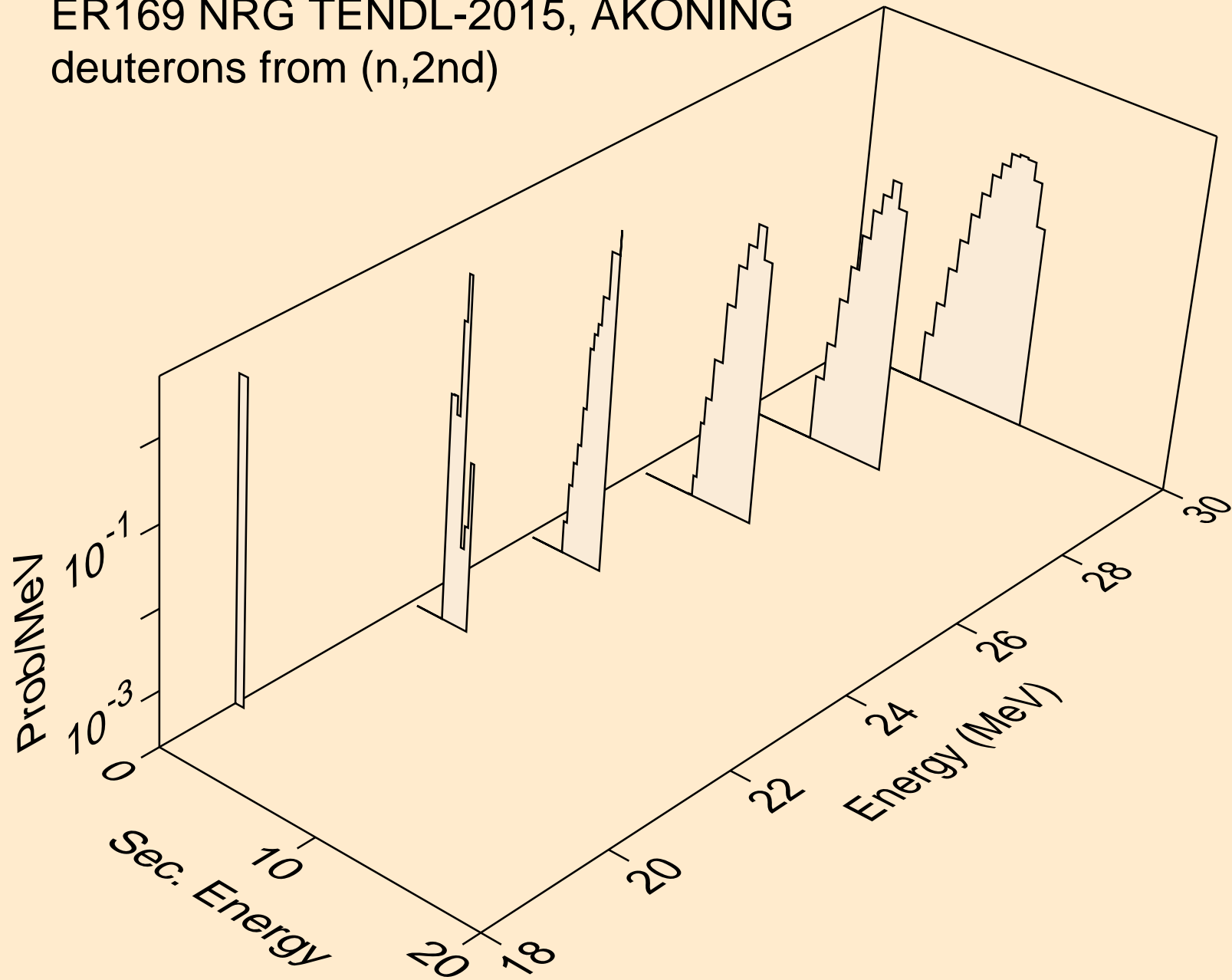


ER169 NRG TENDL-2015, AKONING  
deuterons from (n,x)

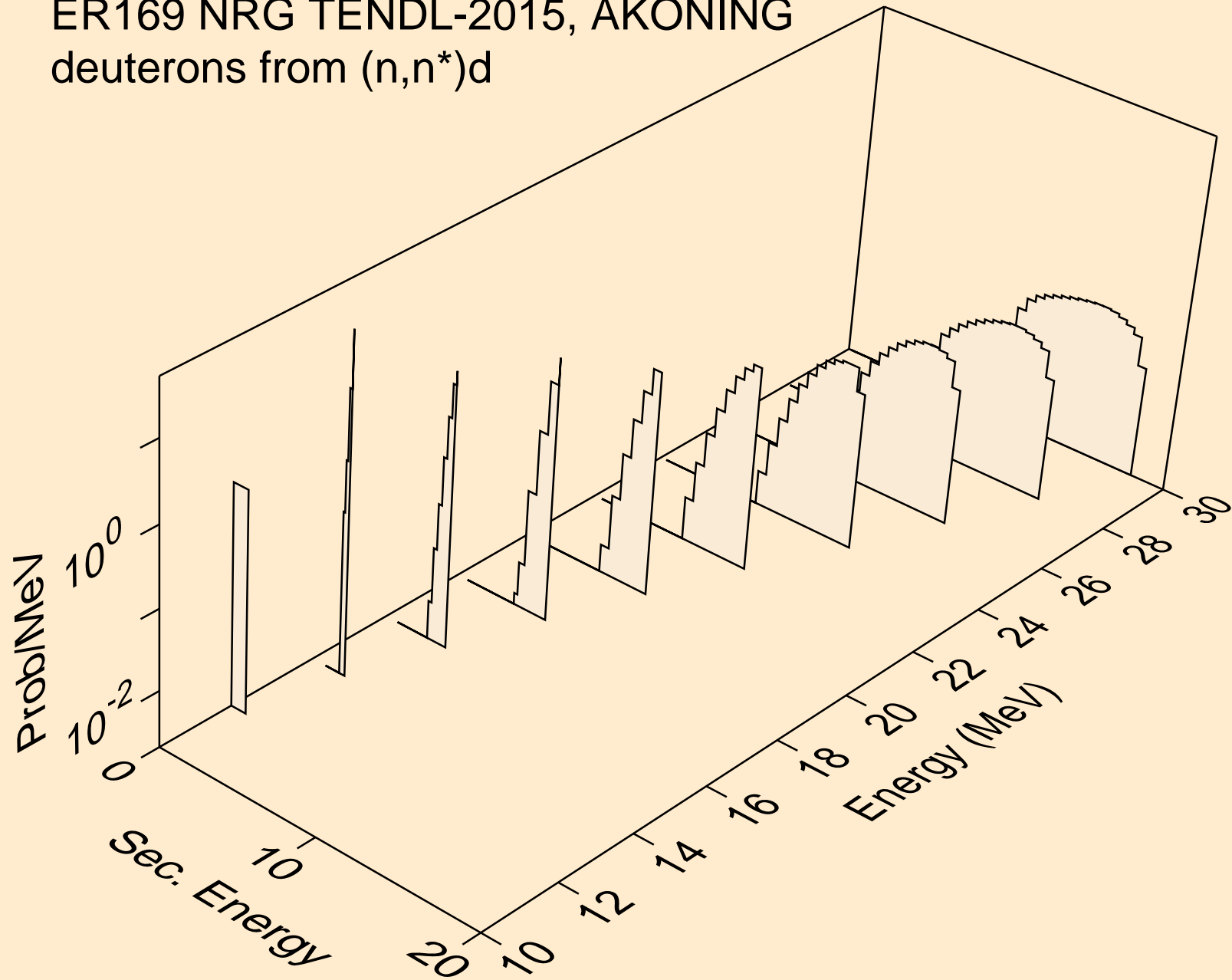




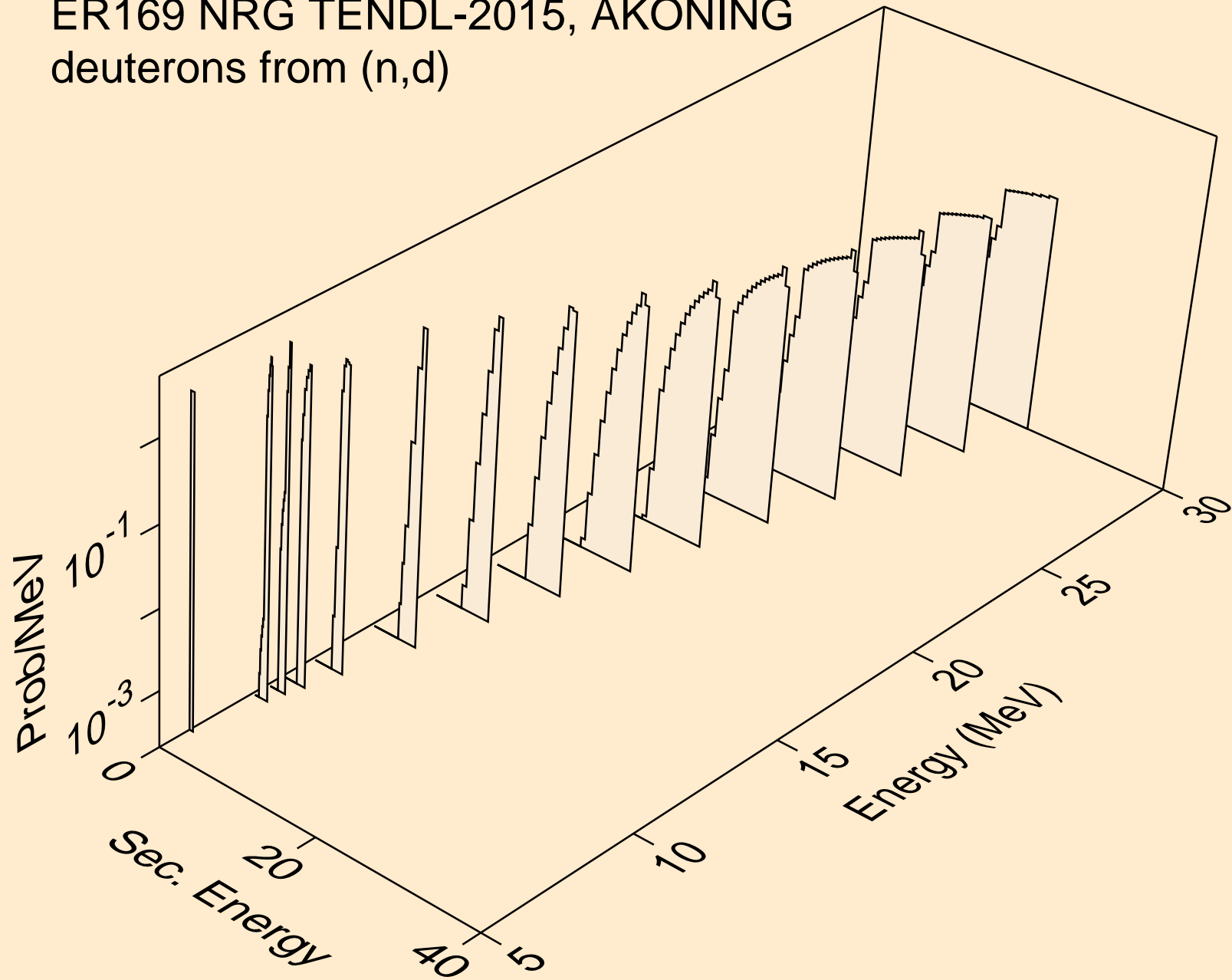
ER169 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



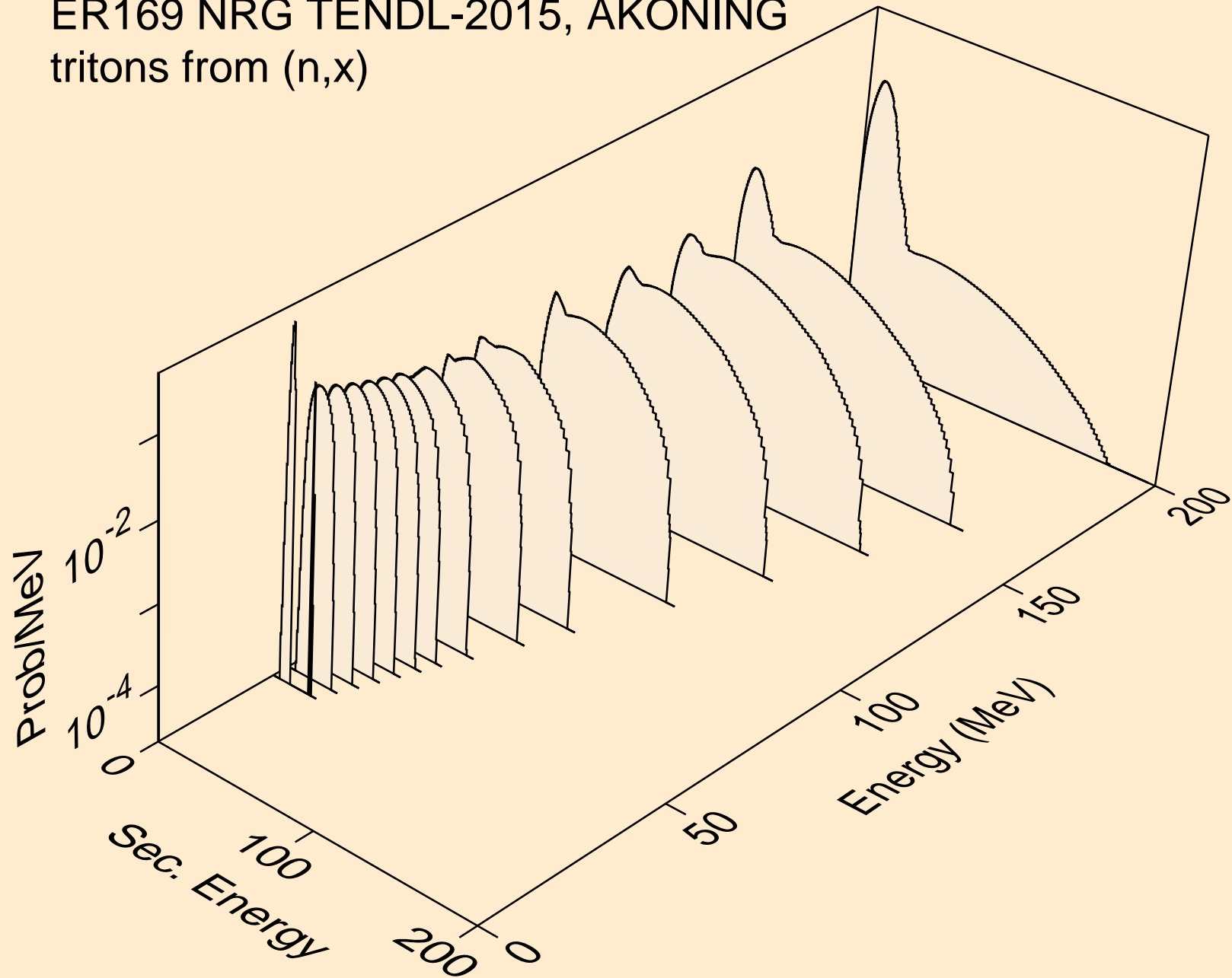
ER169 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



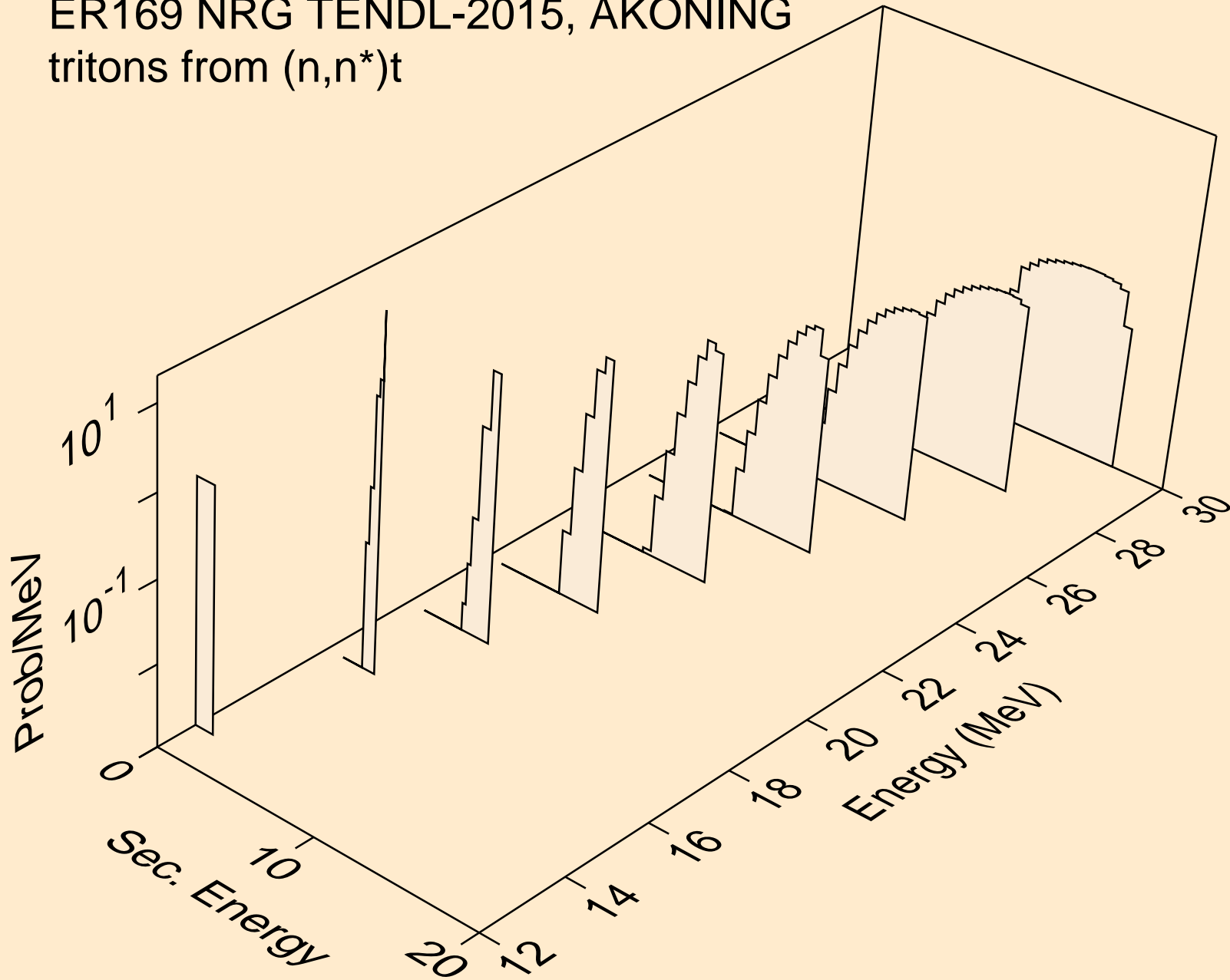
ER169 NRG TENDL-2015, AKONING  
deuterons from (n,d)



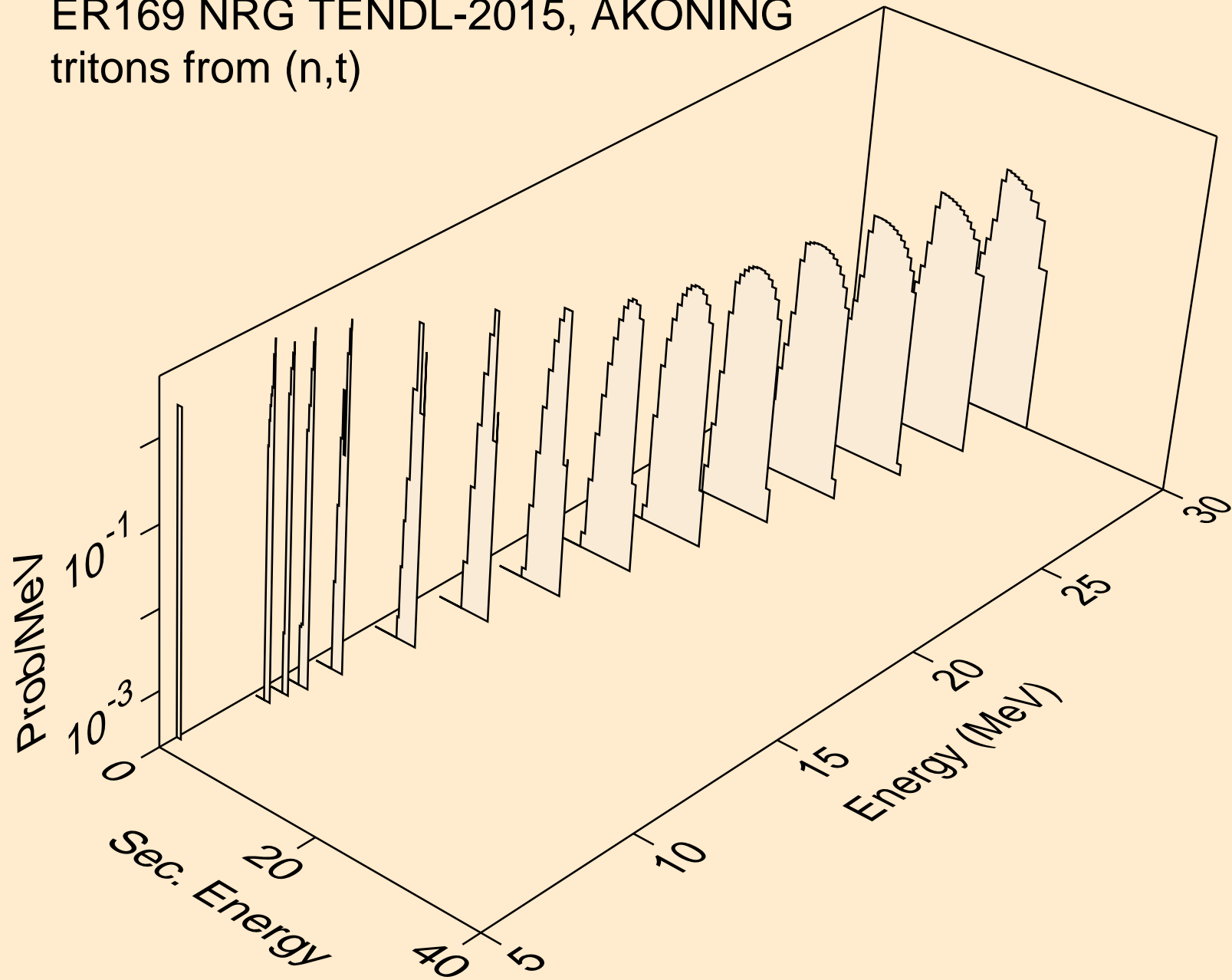
ER169 NRG TENDL-2015, AKONING  
tritons from (n,x)



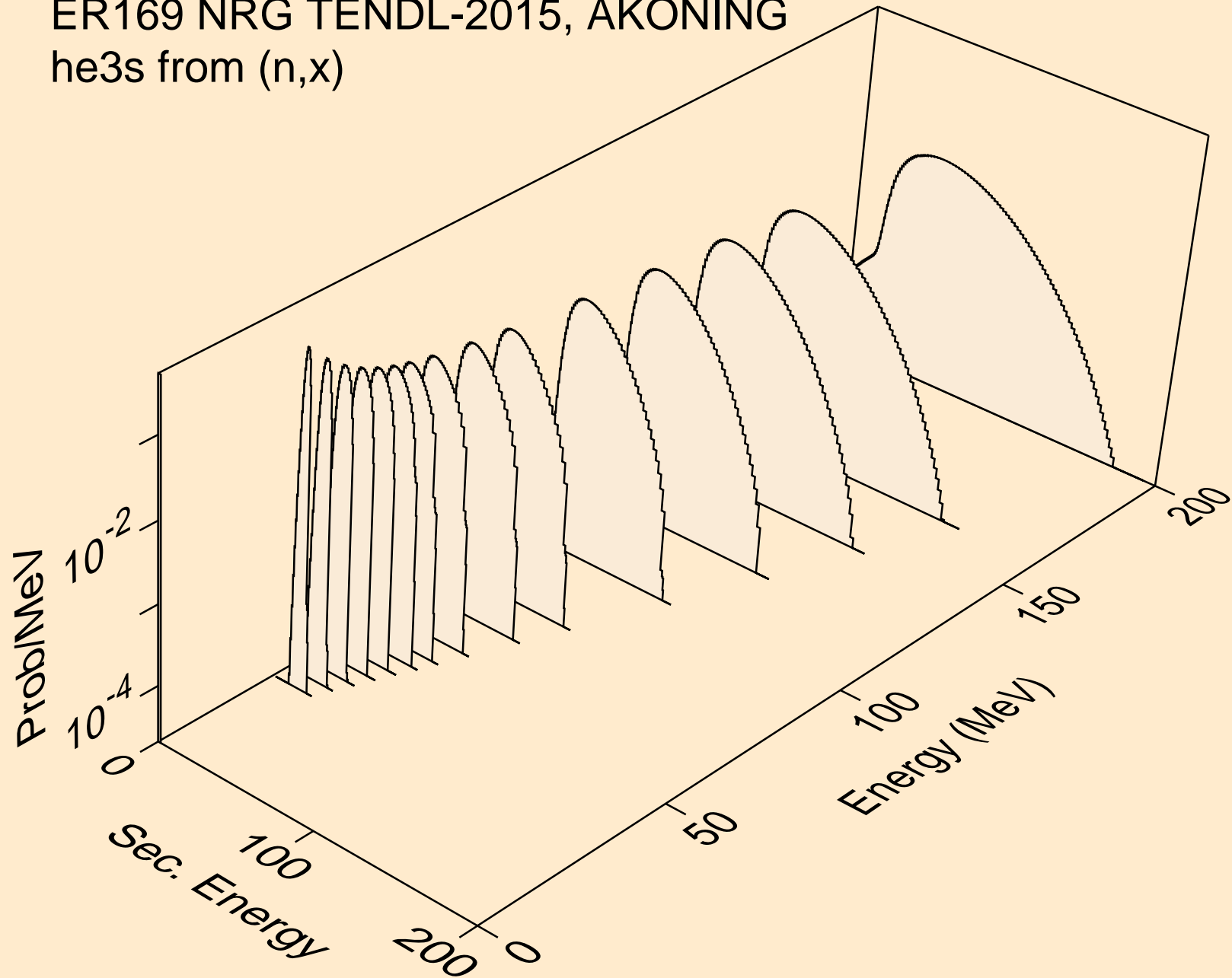
ER169 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



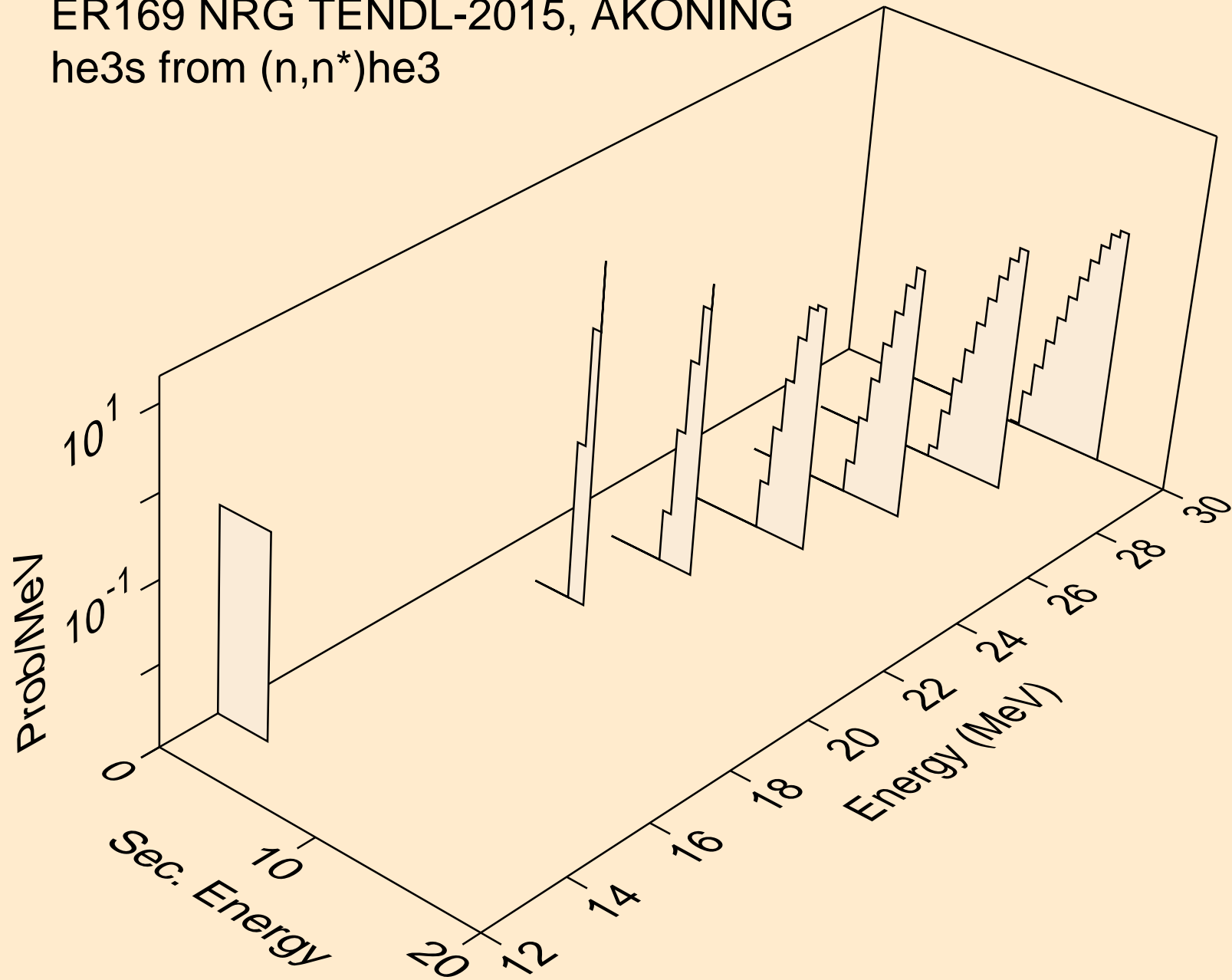
ER169 NRG TENDL-2015, AKONING  
tritons from (n,t)



ER169 NRG TENDL-2015, AKONING  
he3s from (n,x)

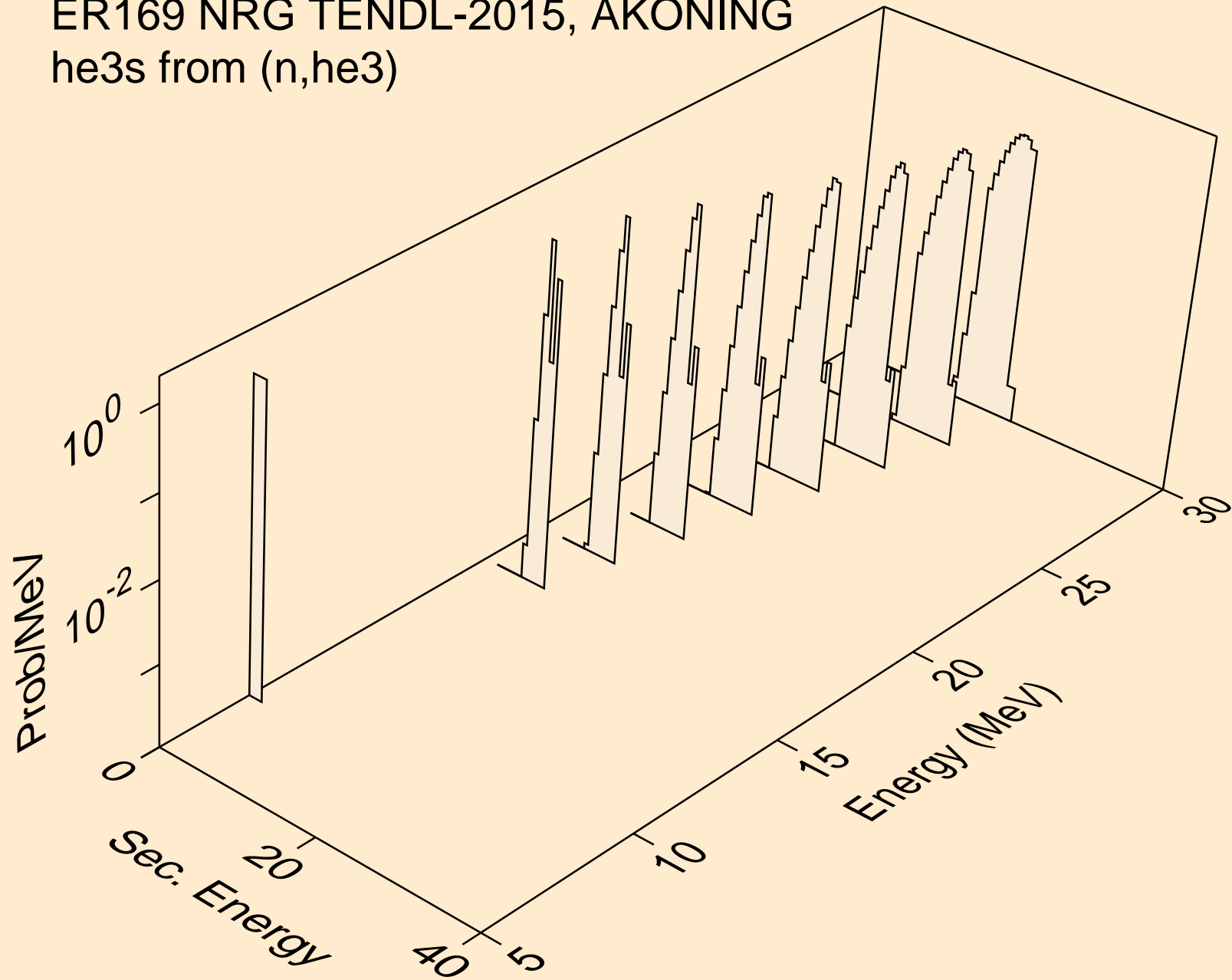


ER169 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

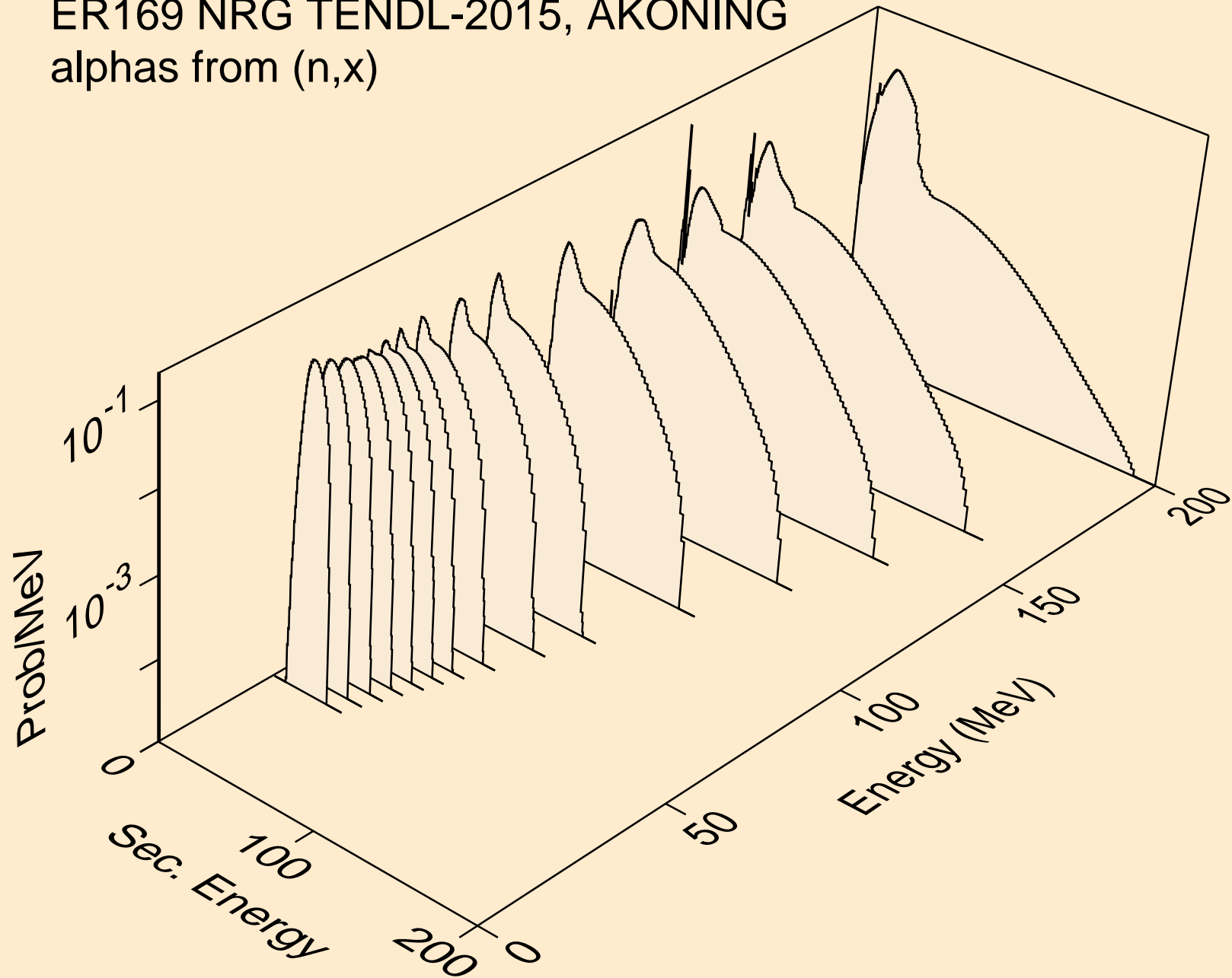




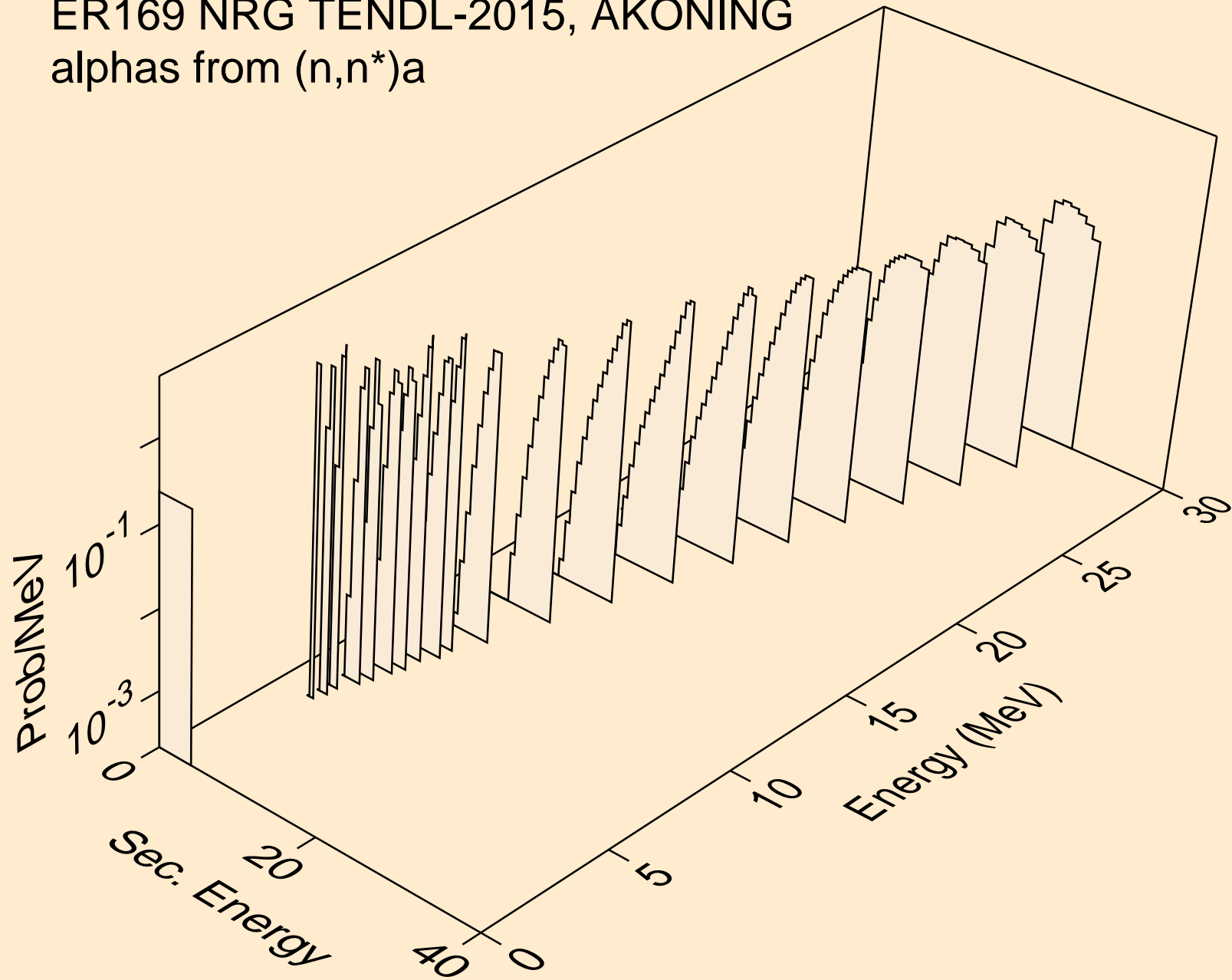
ER169 NRG TENDL-2015, AKONING  
he3s from (n,he3)



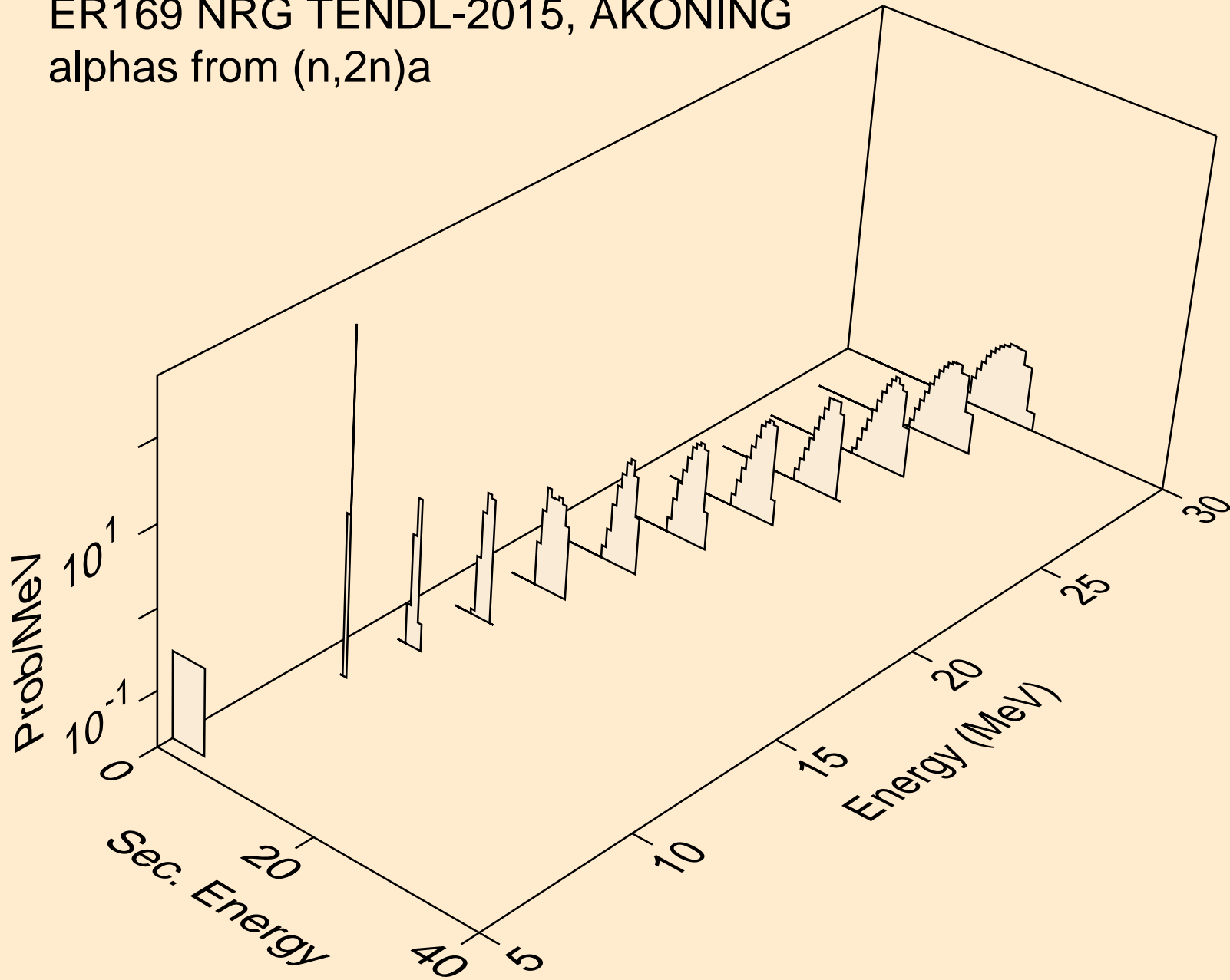
ER169 NRG TENDL-2015, AKONING  
alphas from (n,x)



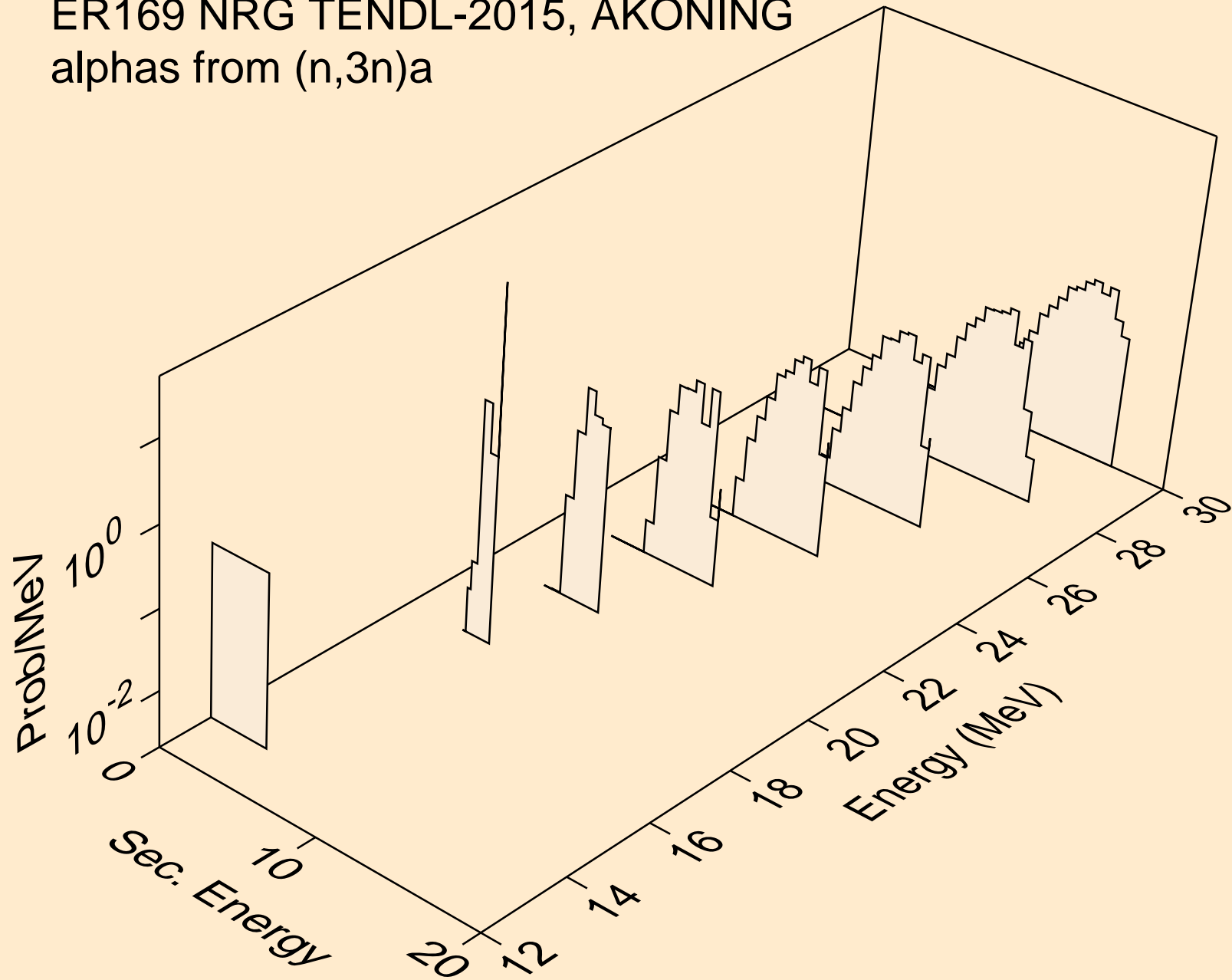
ER169 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



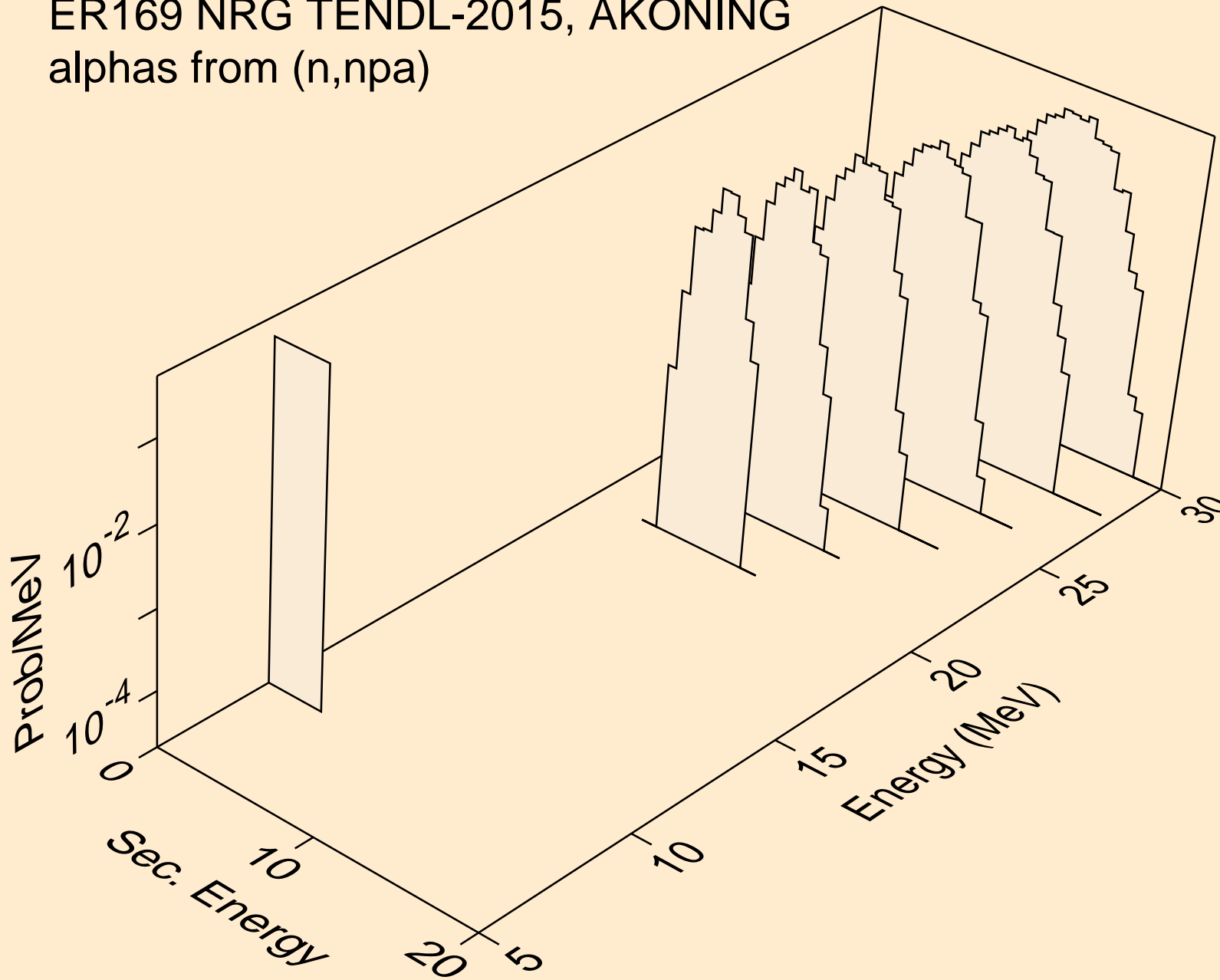
ER169 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



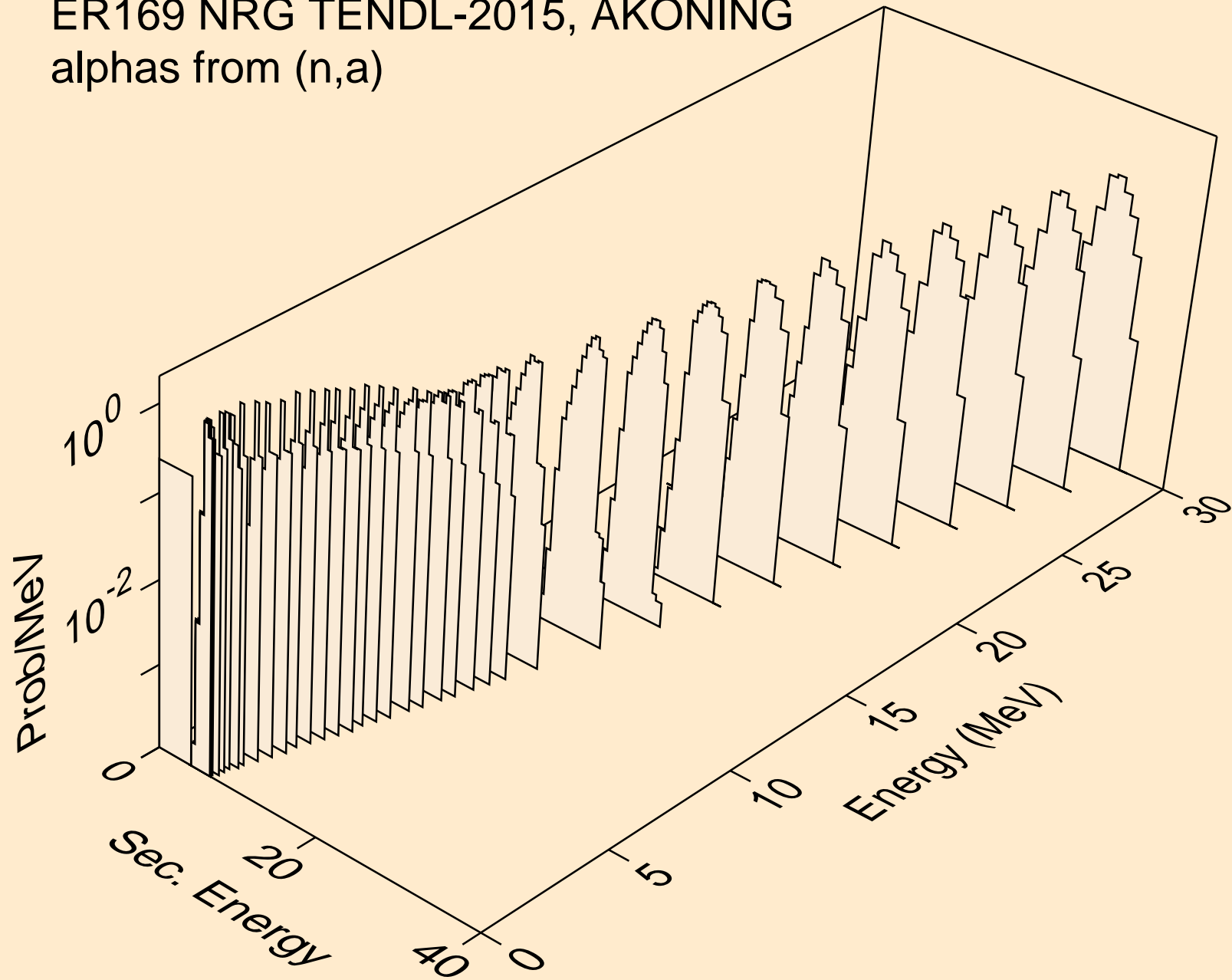
ER169 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



ER169 NRG TENDL-2015, AKONING  
alphas from (n,npa)



ER169 NRG TENDL-2015, AKONING  
alphas from (n,a)



ER169 NRG TENDL-2015, AKONING  
alphas from (n,pa)

