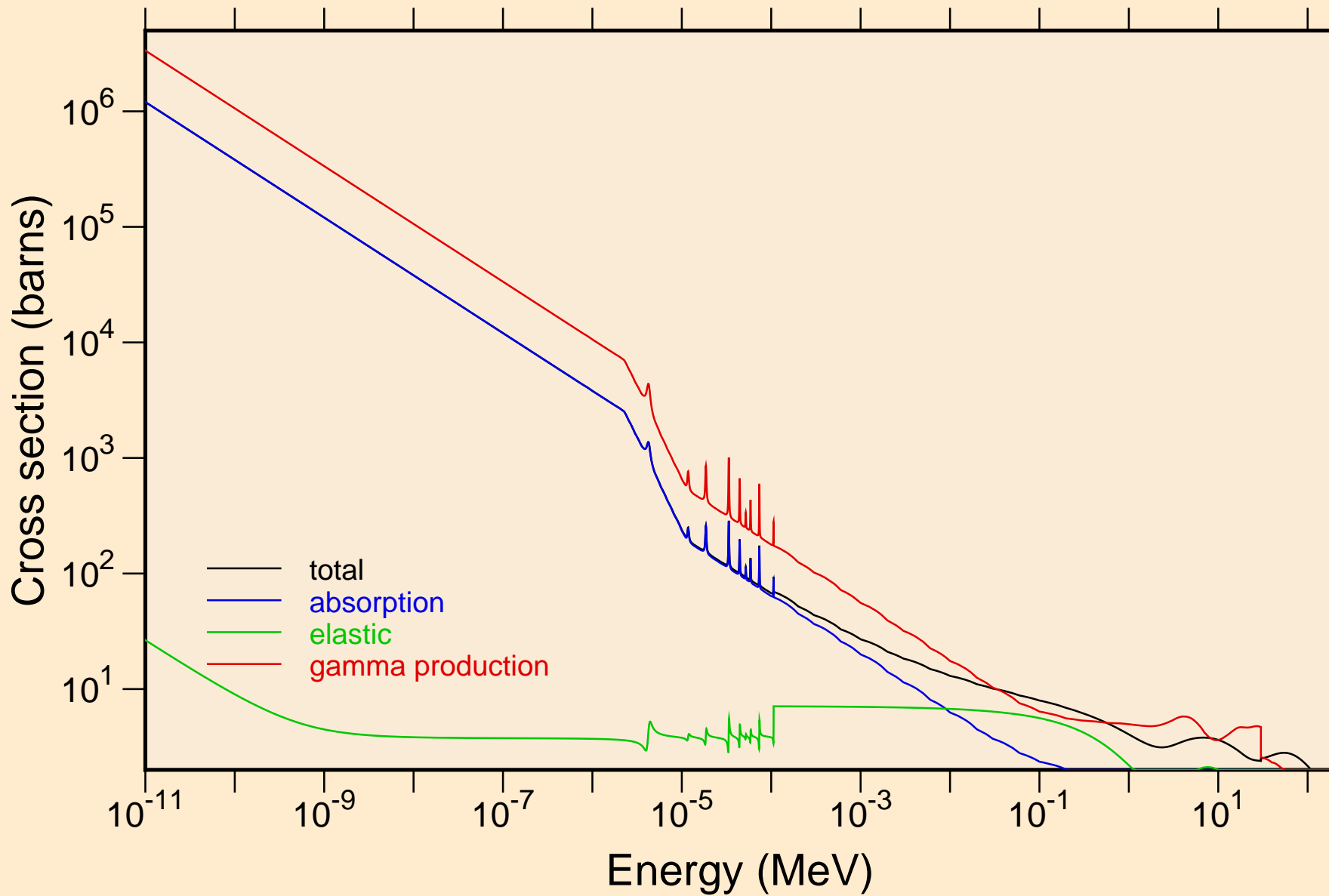


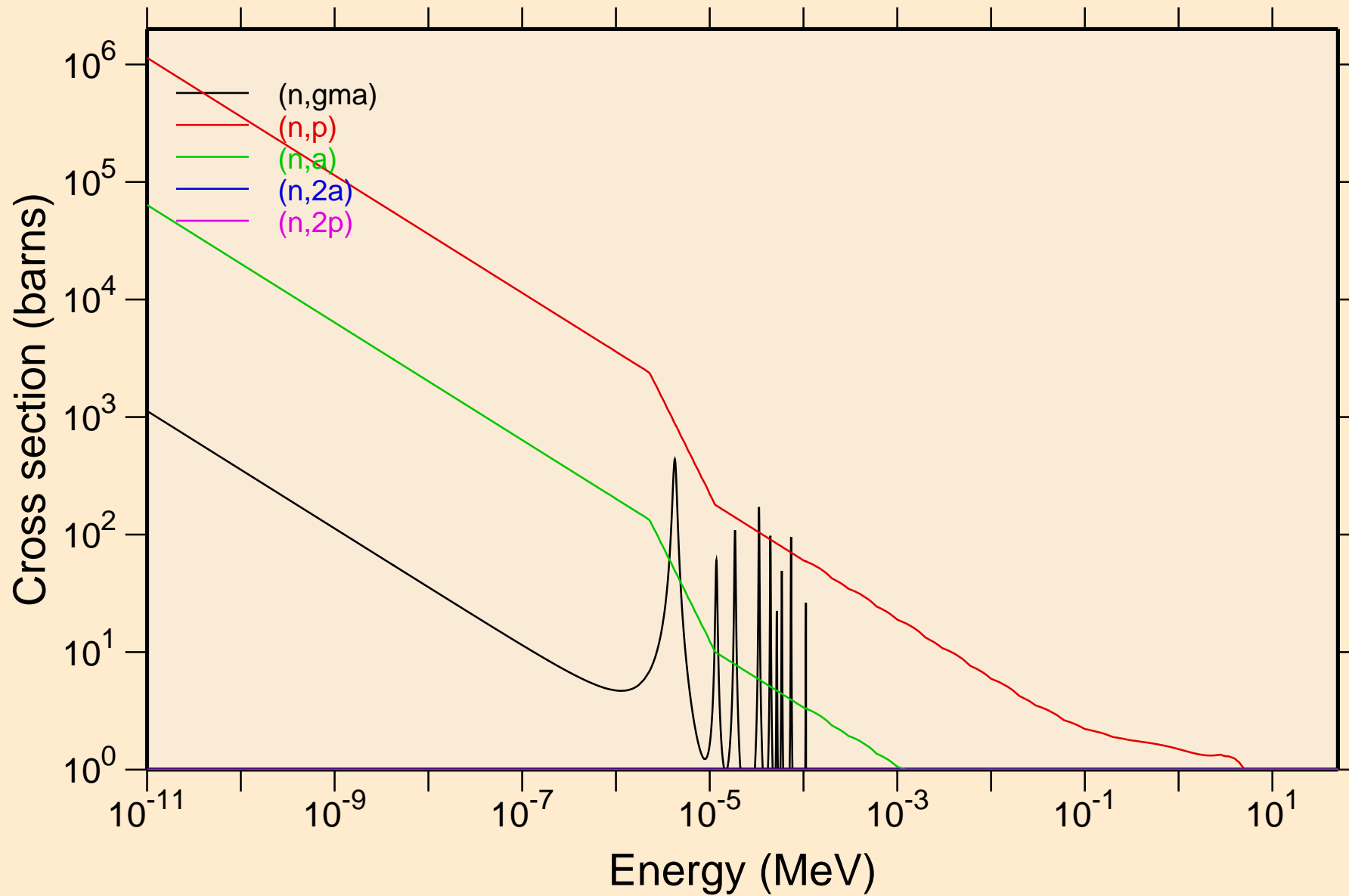
# AS068 NRG TENDL-2015, AKONING

## Principal cross sections

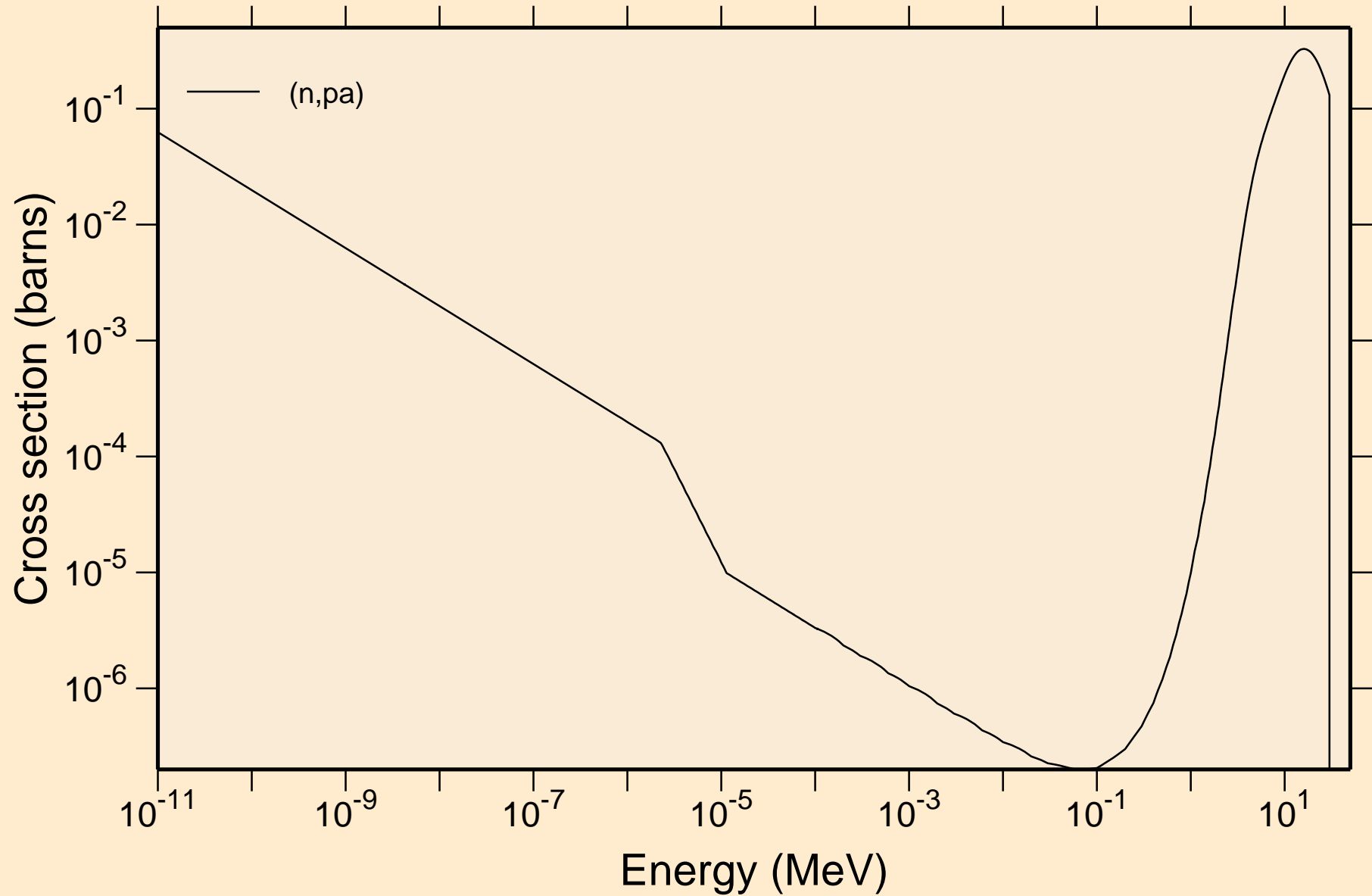


# AS068 NRG TENDL-2015, AKONING

## Non-threshold reactions

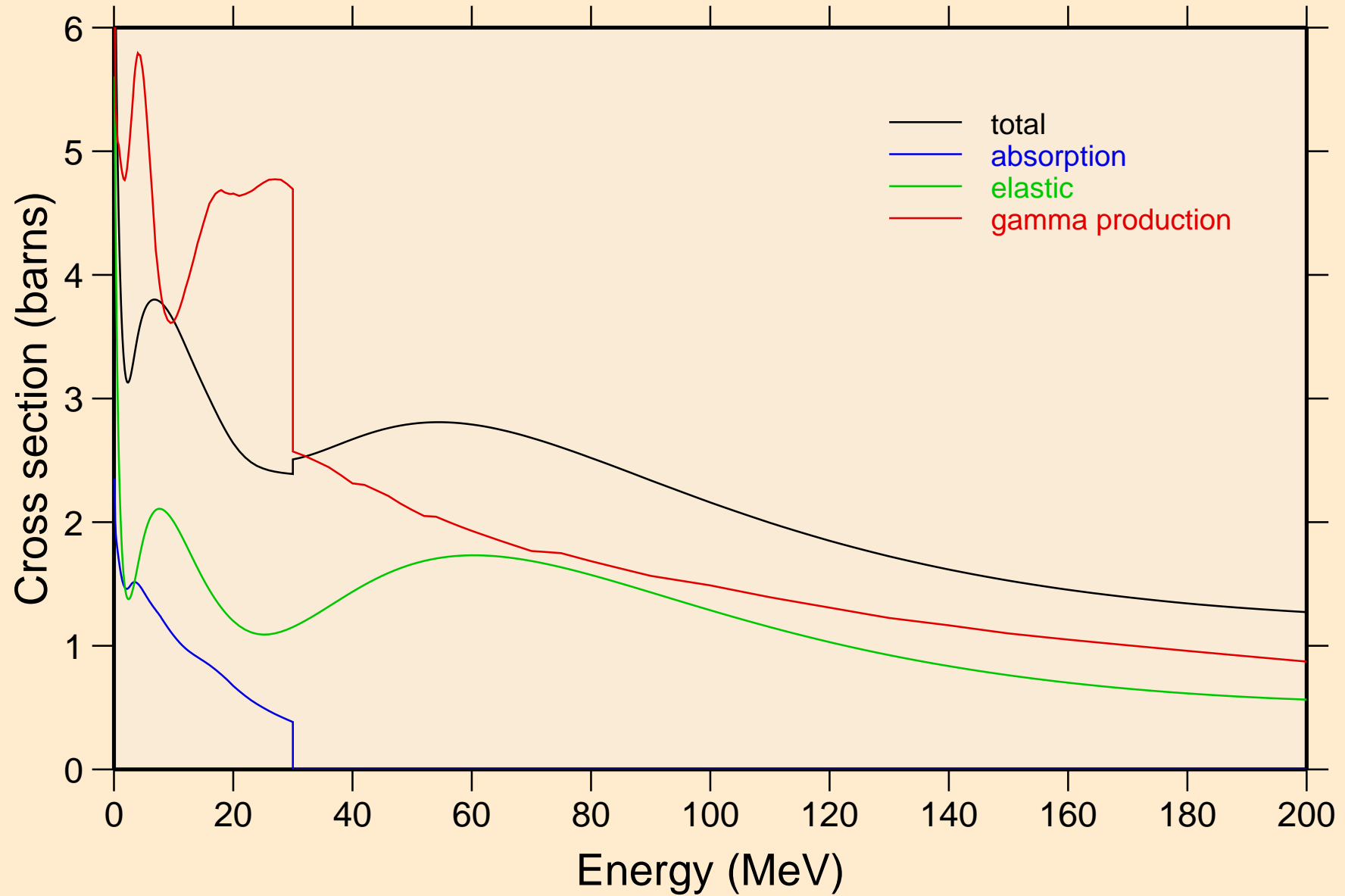


AS068 NRG TENDL-2015, AKONING  
Non-threshold reactions



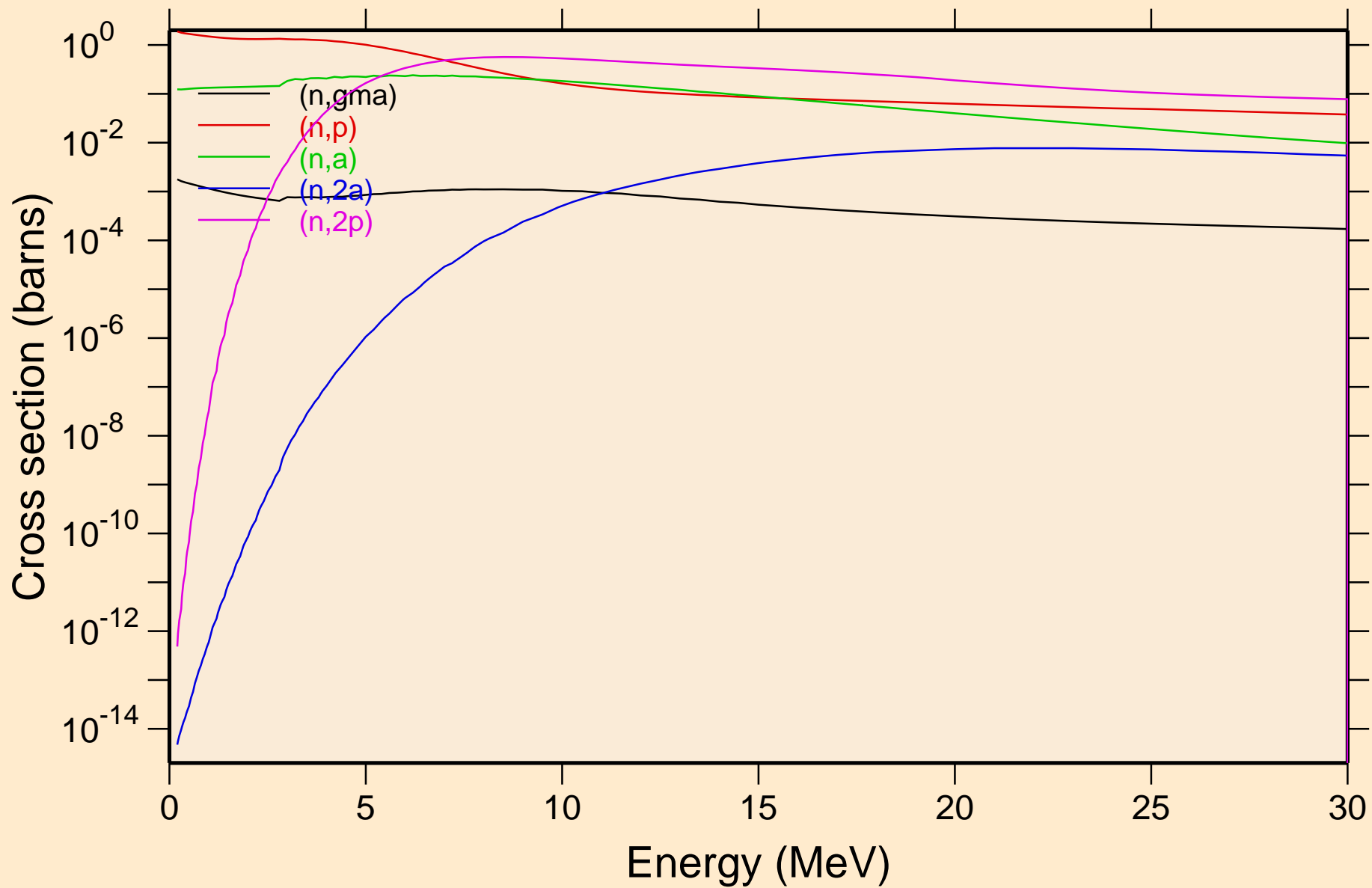
# AS068 NRG TENDL-2015, AKONING

## Principal cross sections

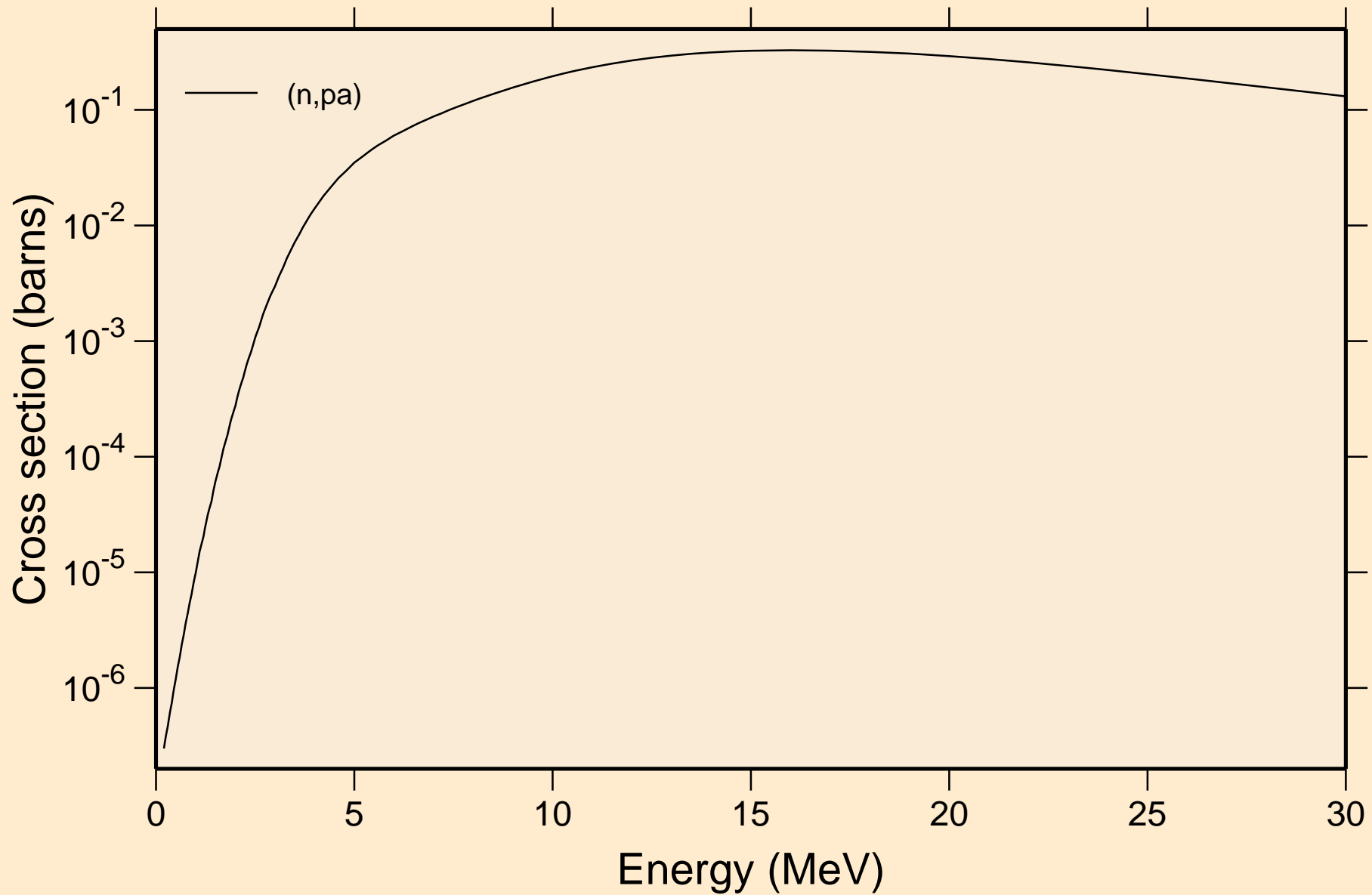


# AS068 NRG TENDL-2015, AKONING

## Non-threshold reactions

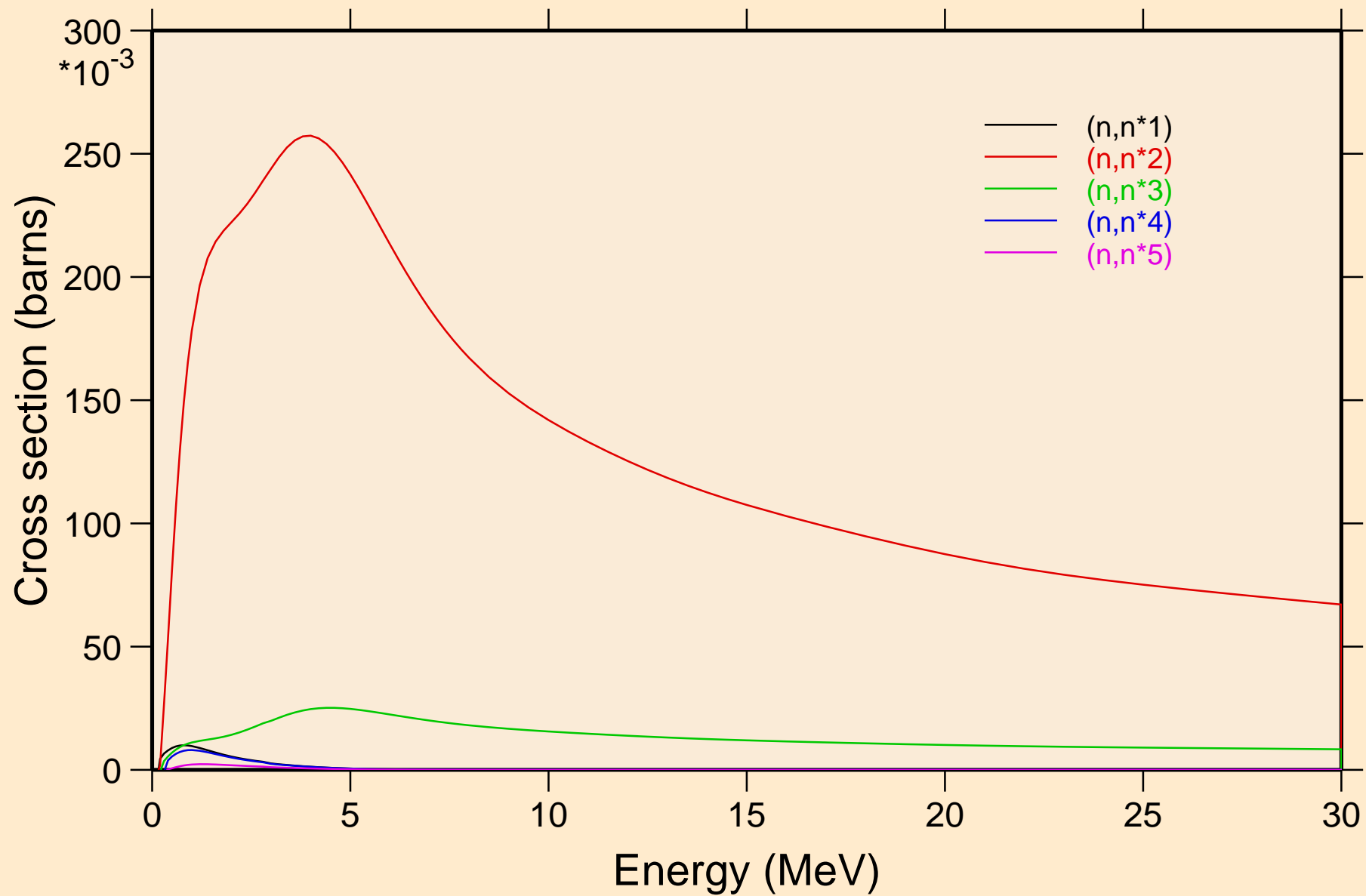


AS068 NRG TENDL-2015, AKONING  
Non-threshold reactions

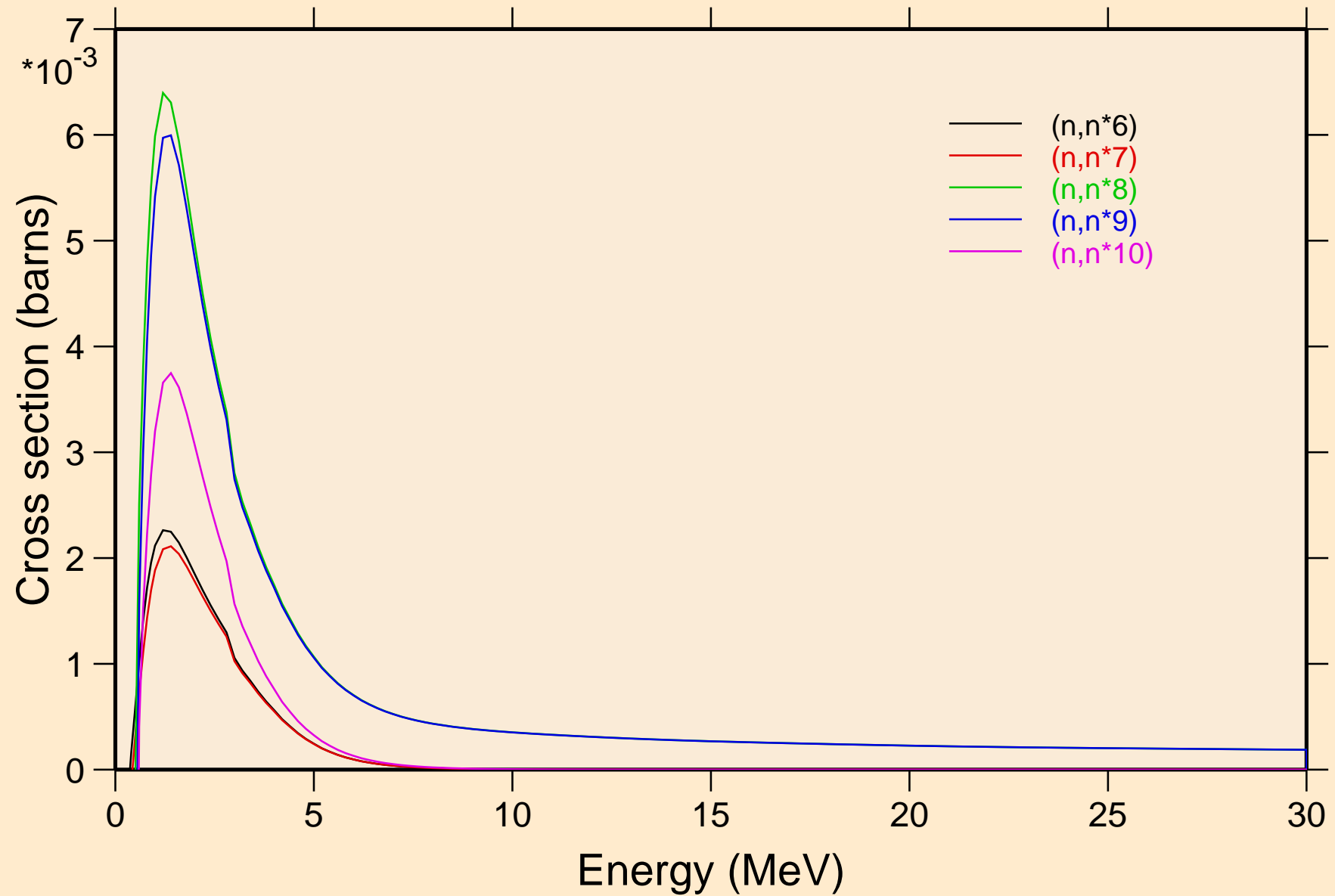


# AS068 NRG TENDL-2015, AKONING

## Inelastic levels



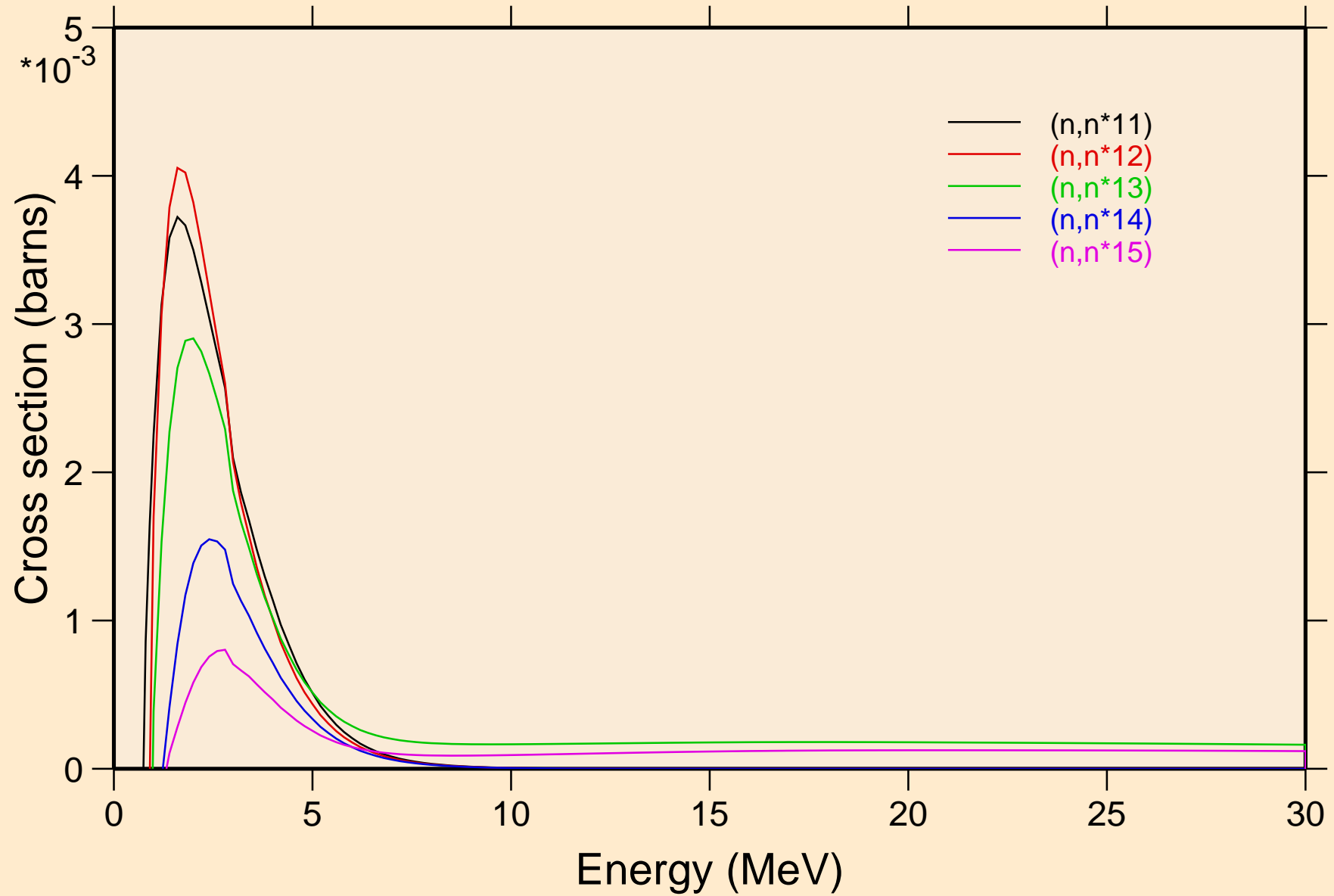
AS068 NRG TENDL-2015, AKONING  
Inelastic levels





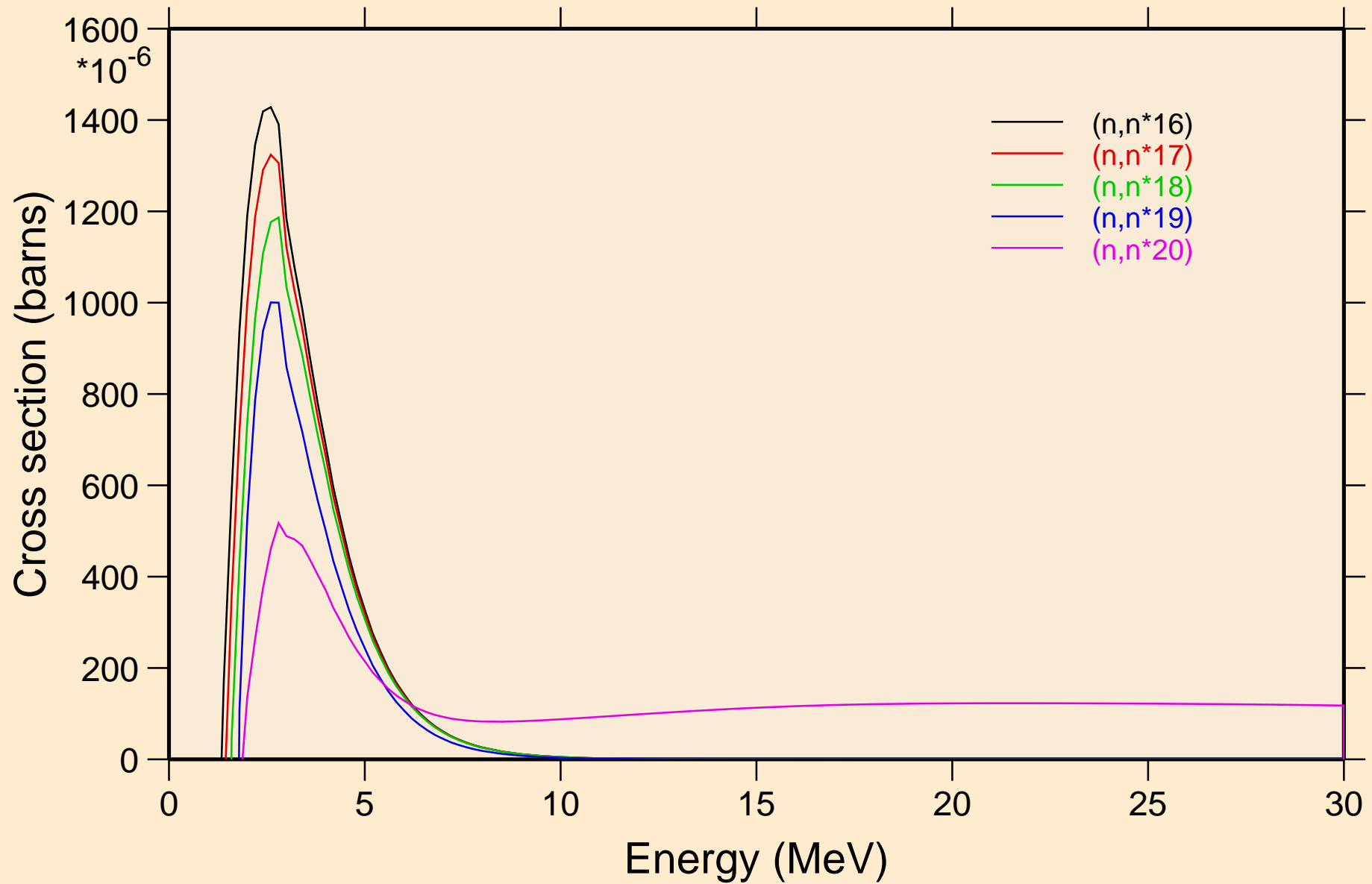
# AS068 NRG TENDL-2015, AKONING

## Inelastic levels

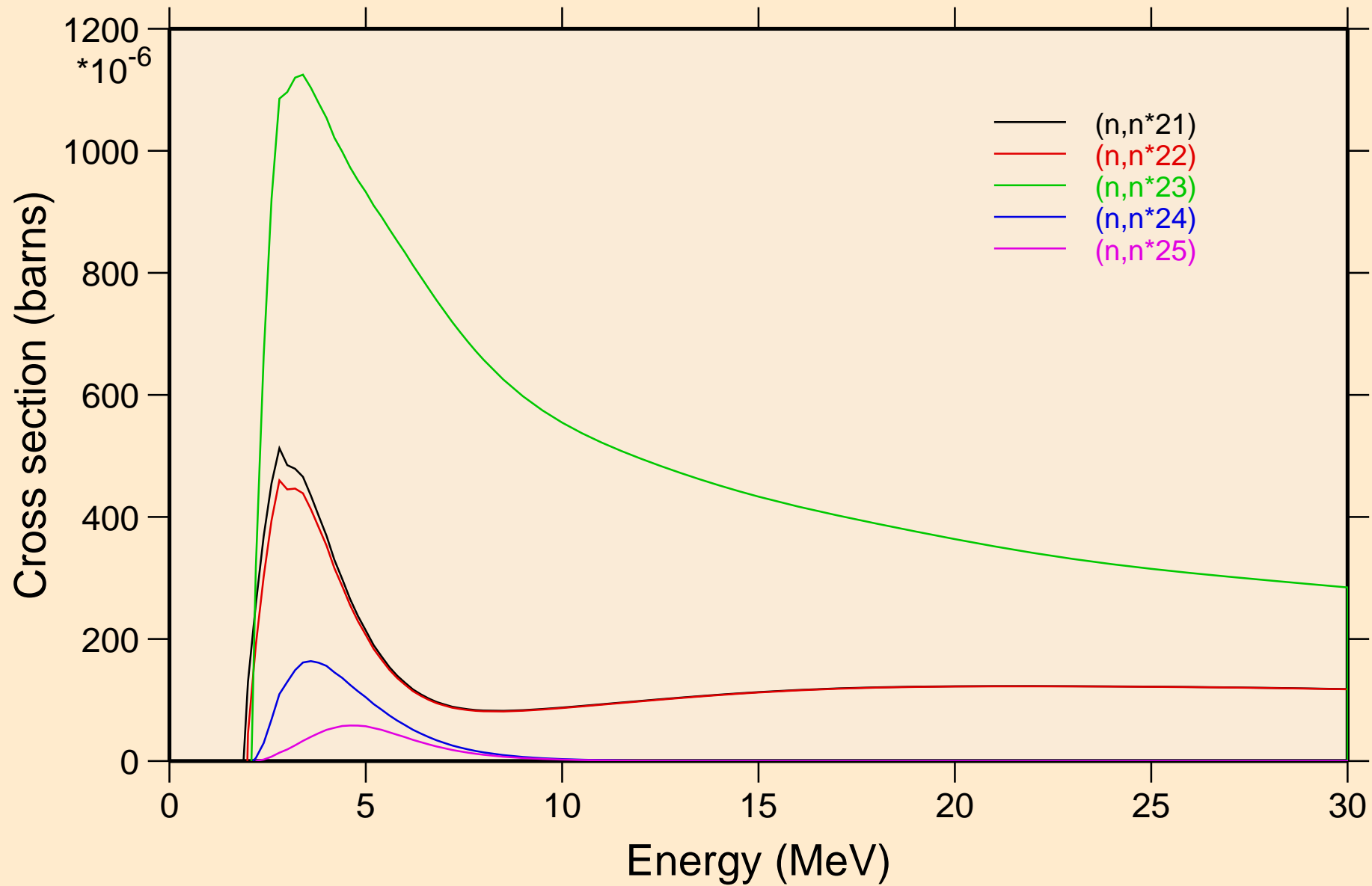


# AS068 NRG TENDL-2015, AKONING

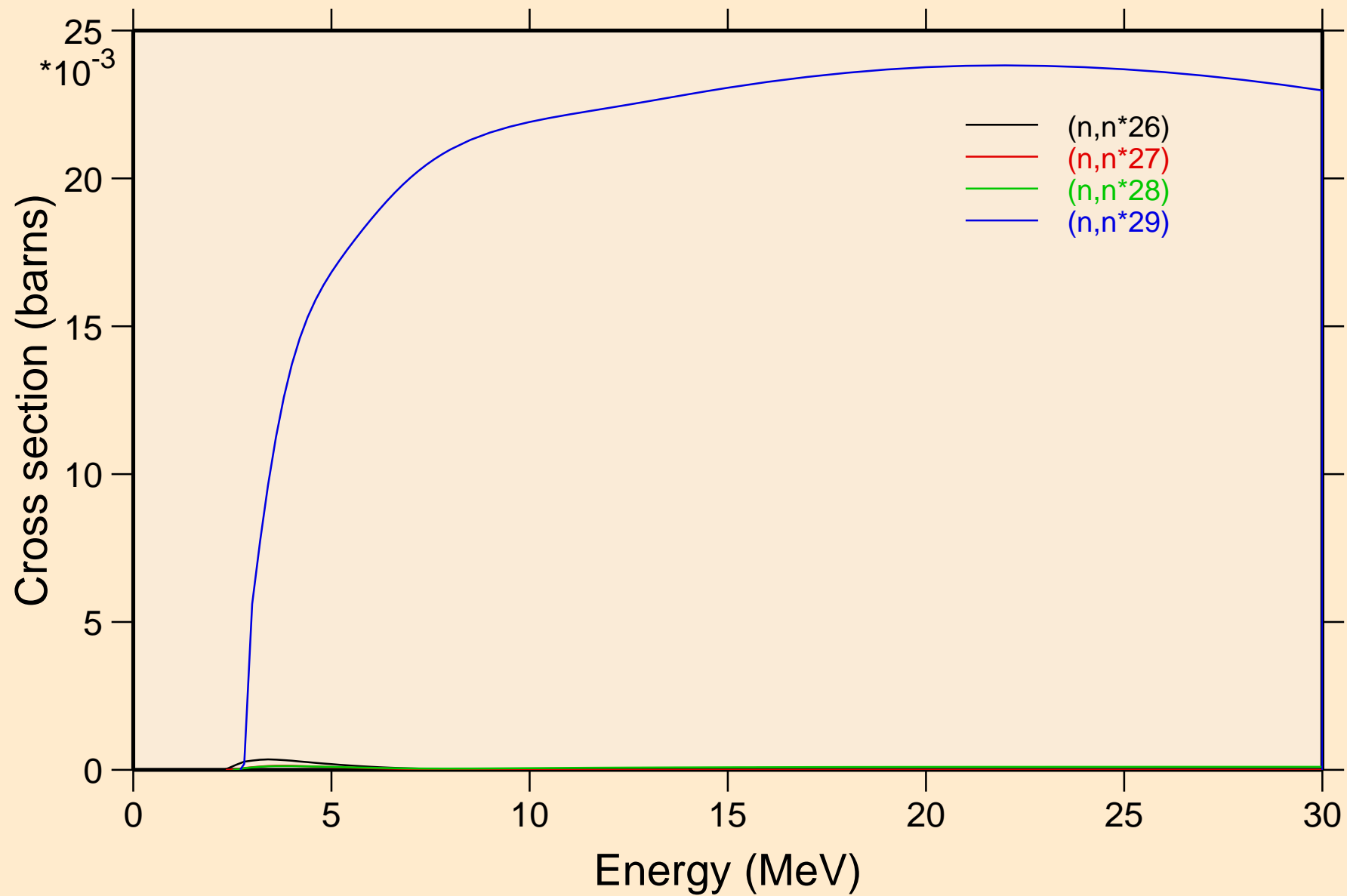
## Inelastic levels



AS068 NRG TENDL-2015, AKONING  
Inelastic levels

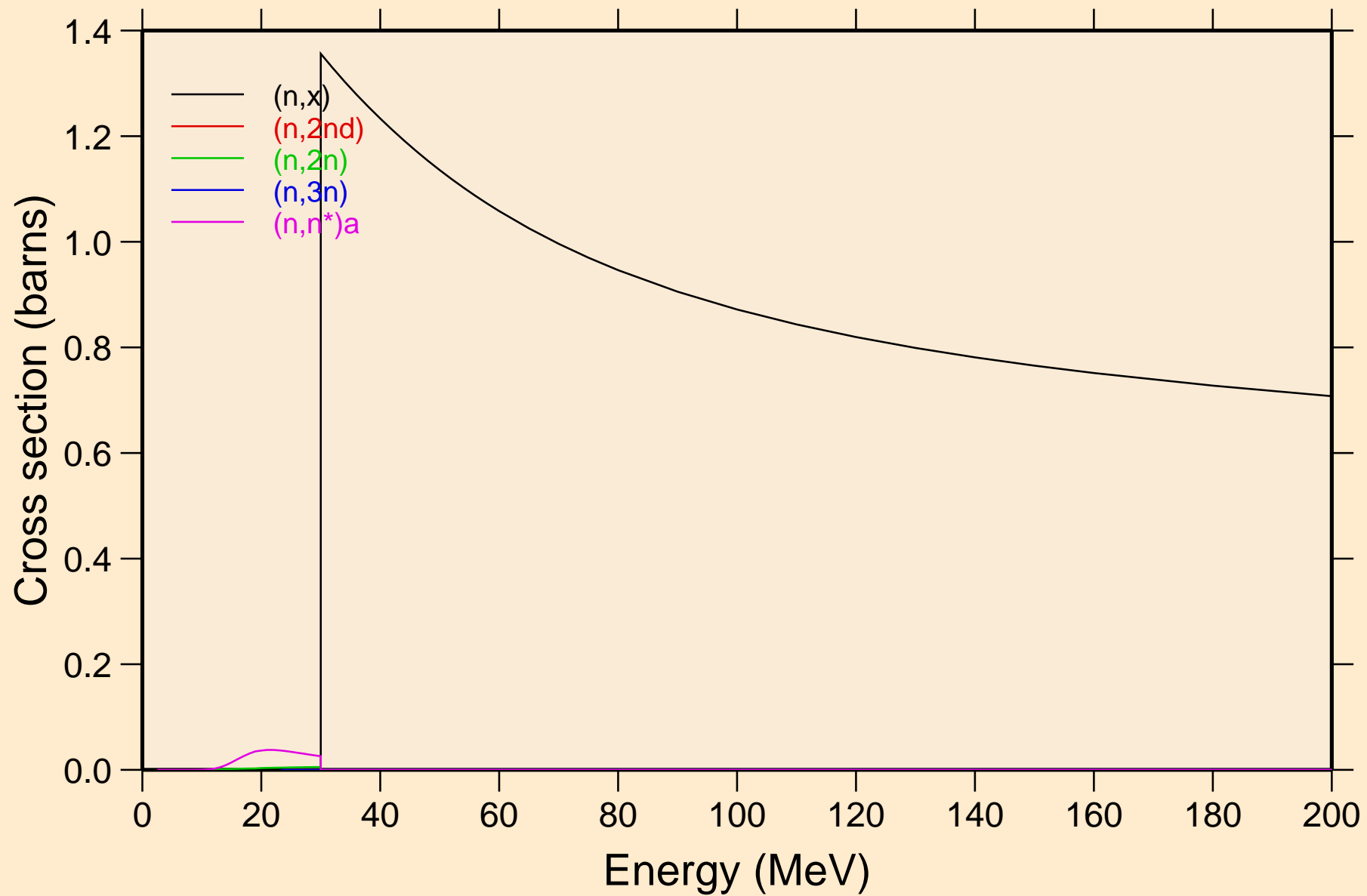


AS068 NRG TENDL-2015, AKONING  
Inelastic levels



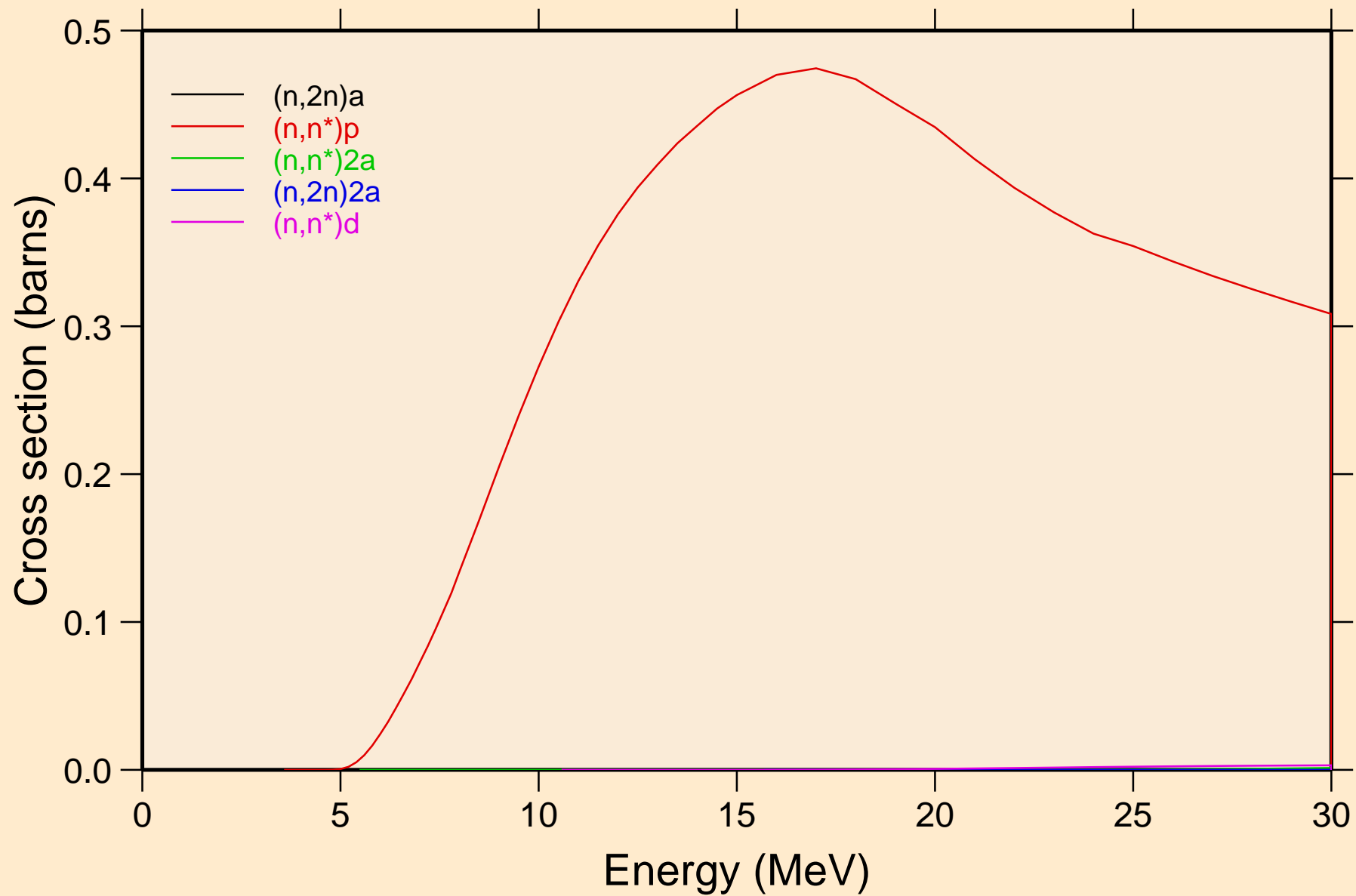
# AS068 NRG TENDL-2015, AKONING

## Threshold reactions



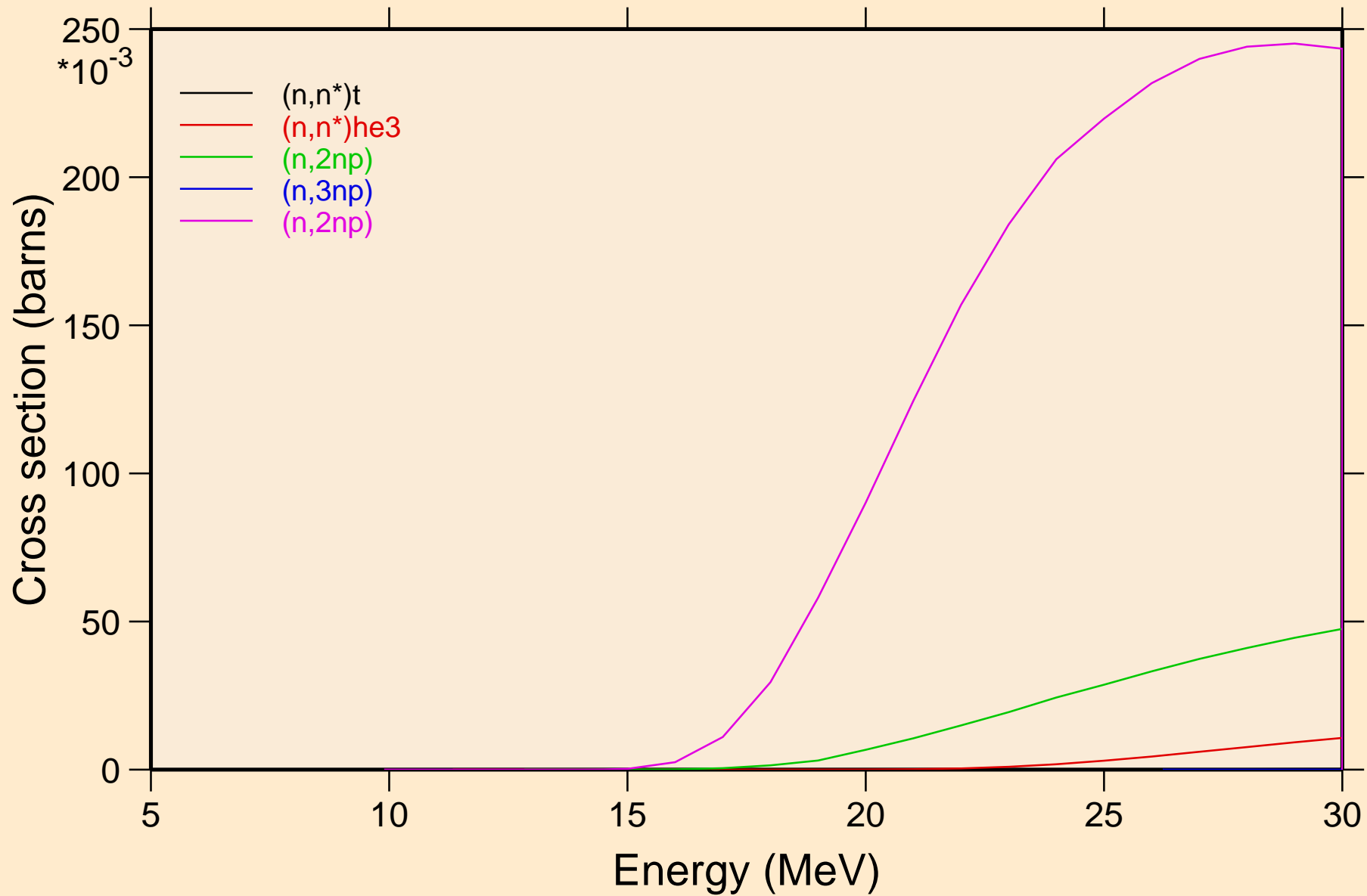
# AS068 NRG TENDL-2015, AKONING

## Threshold reactions



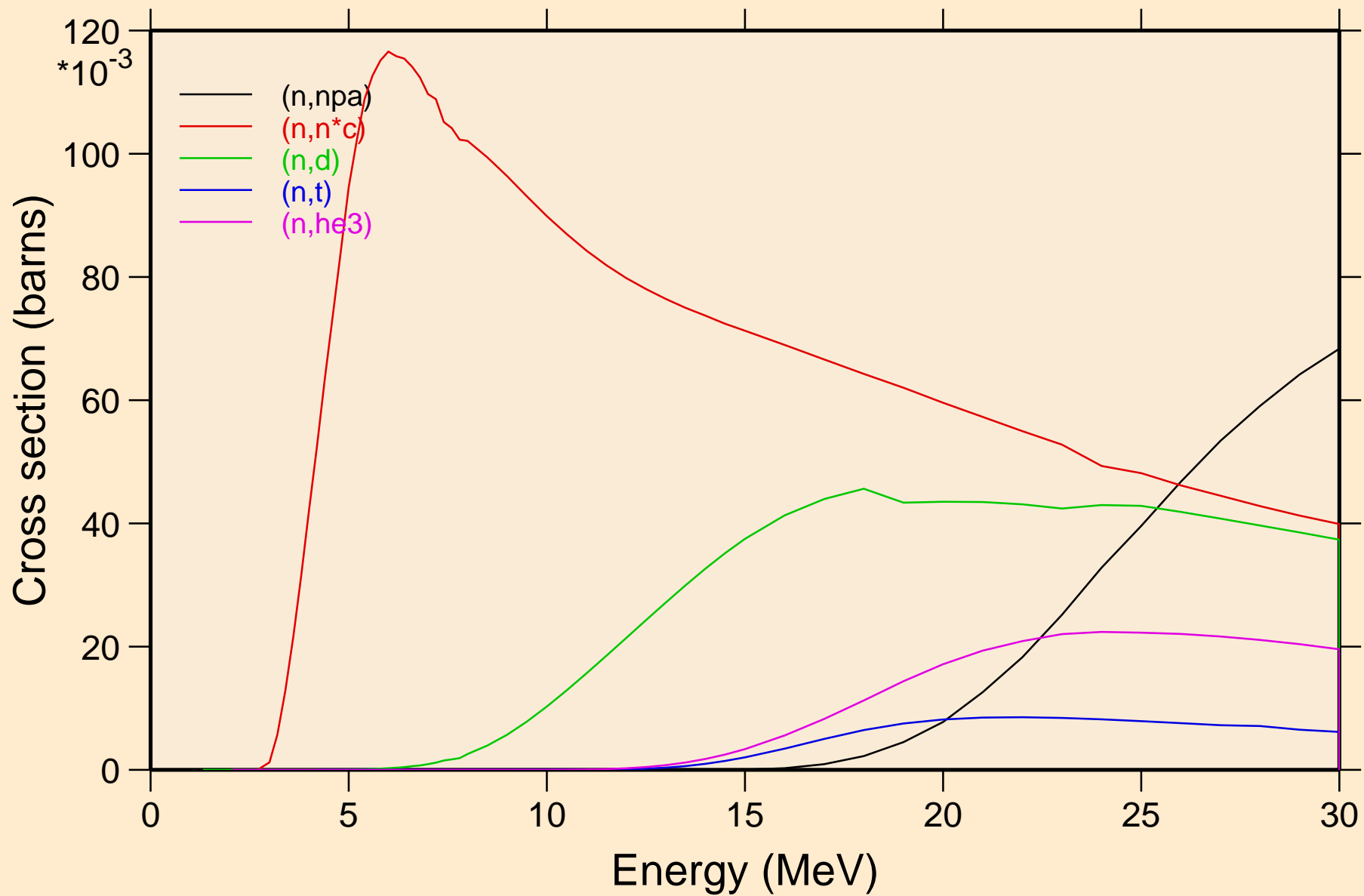
# AS068 NRG TENDL-2015, AKONING

## Threshold reactions



# AS068 NRG TENDL-2015, AKONING

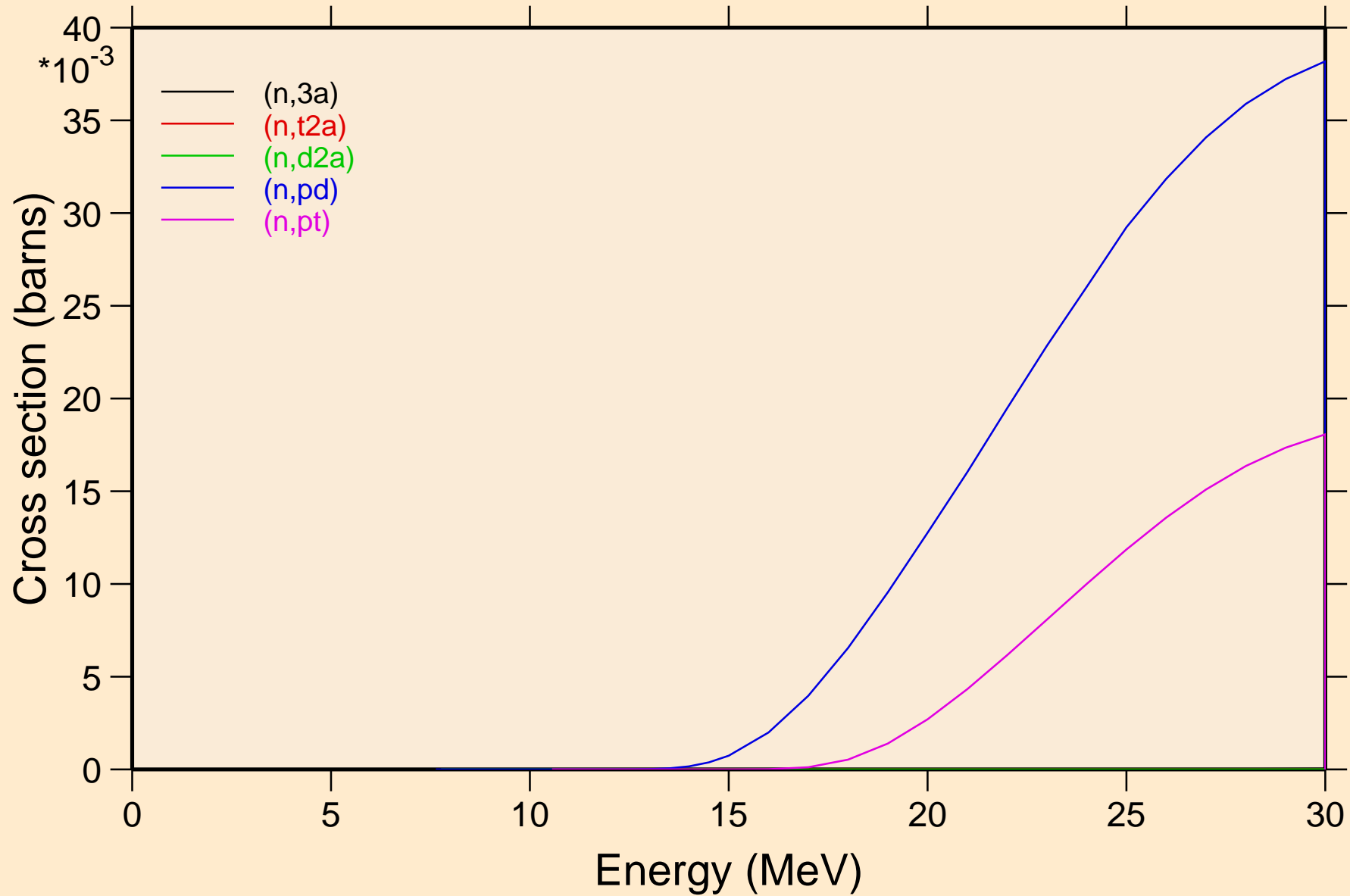
## Threshold reactions





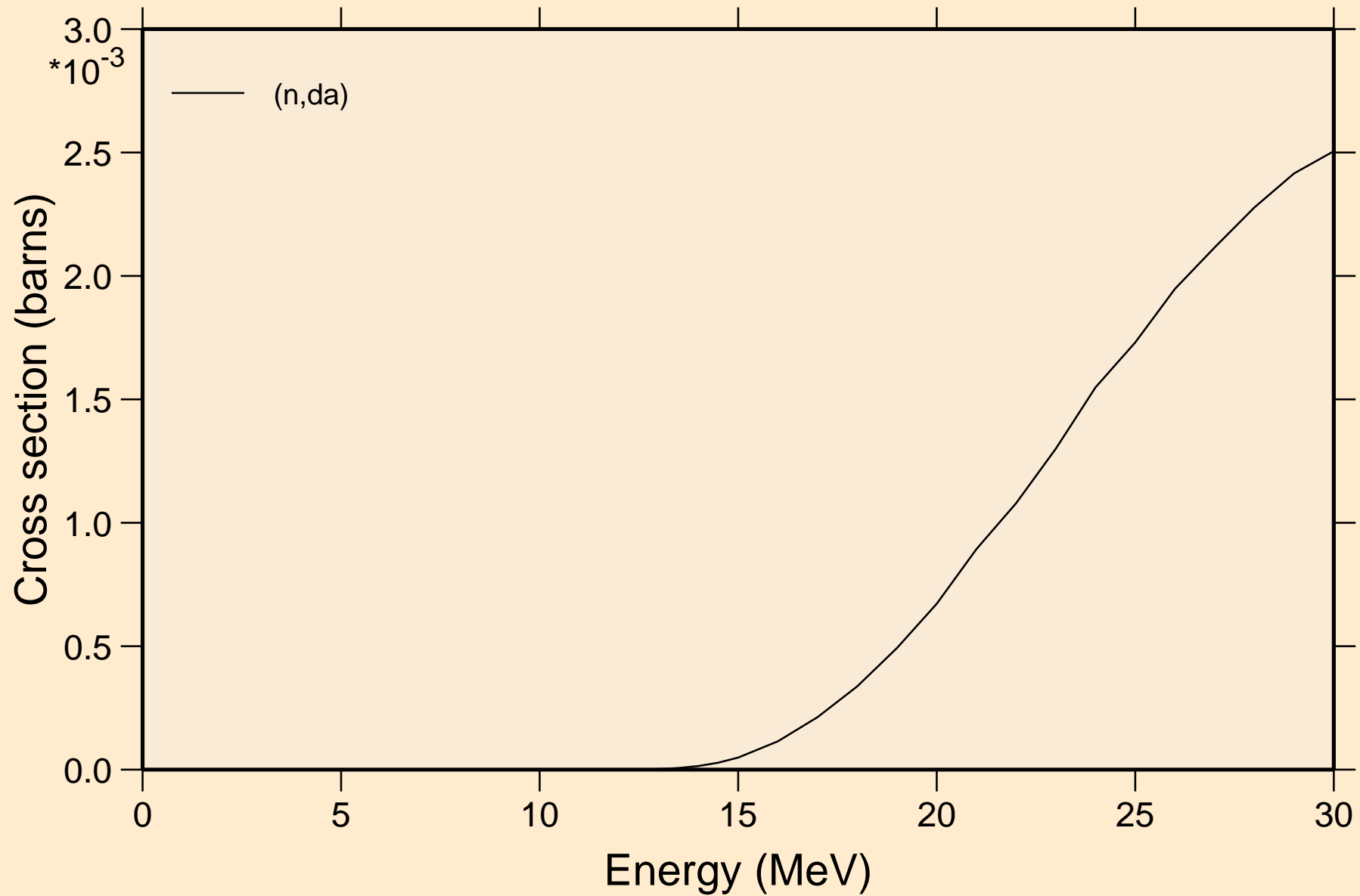
# AS068 NRG TENDL-2015, AKONING

## Threshold reactions

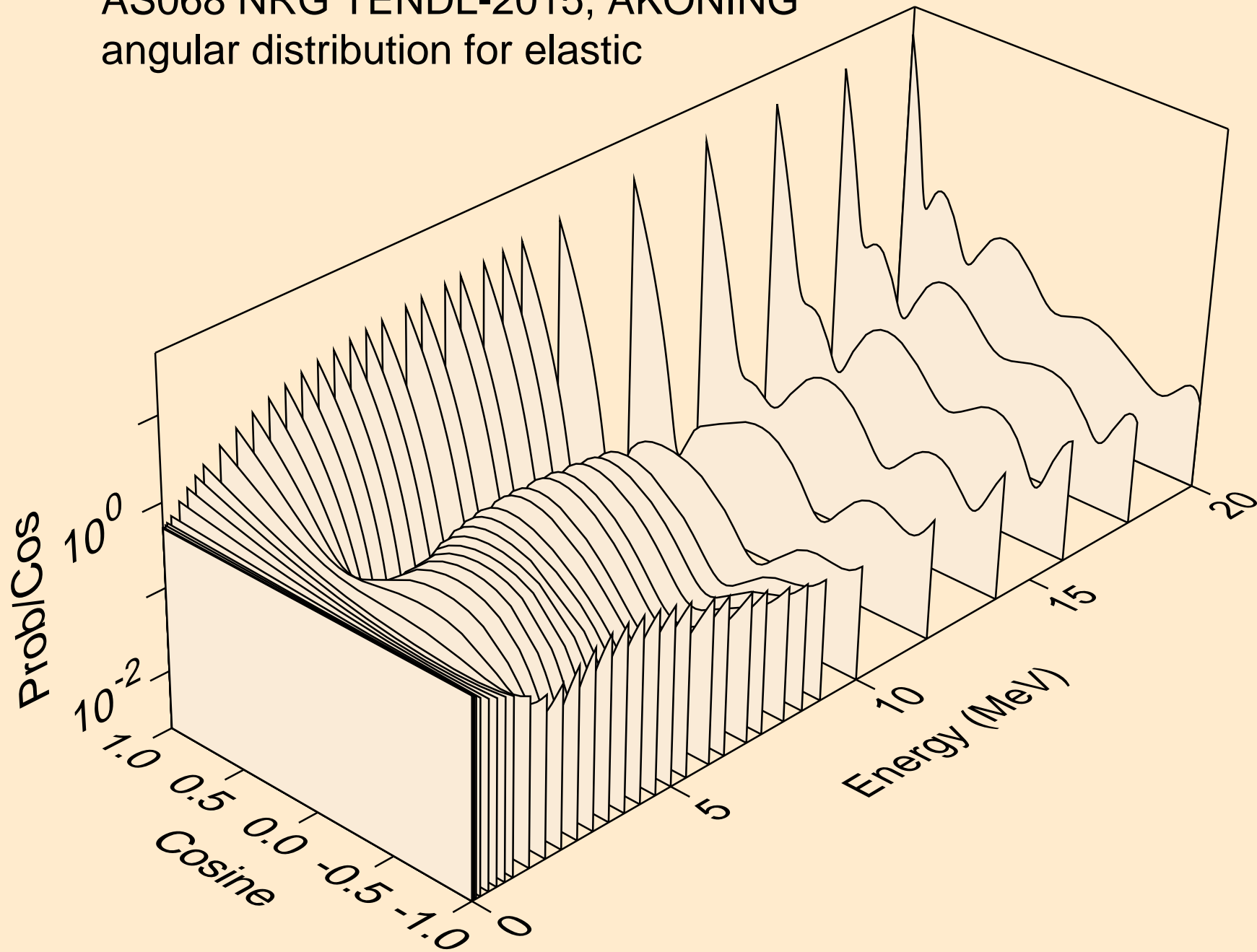


# AS068 NRG TENDL-2015, AKONING

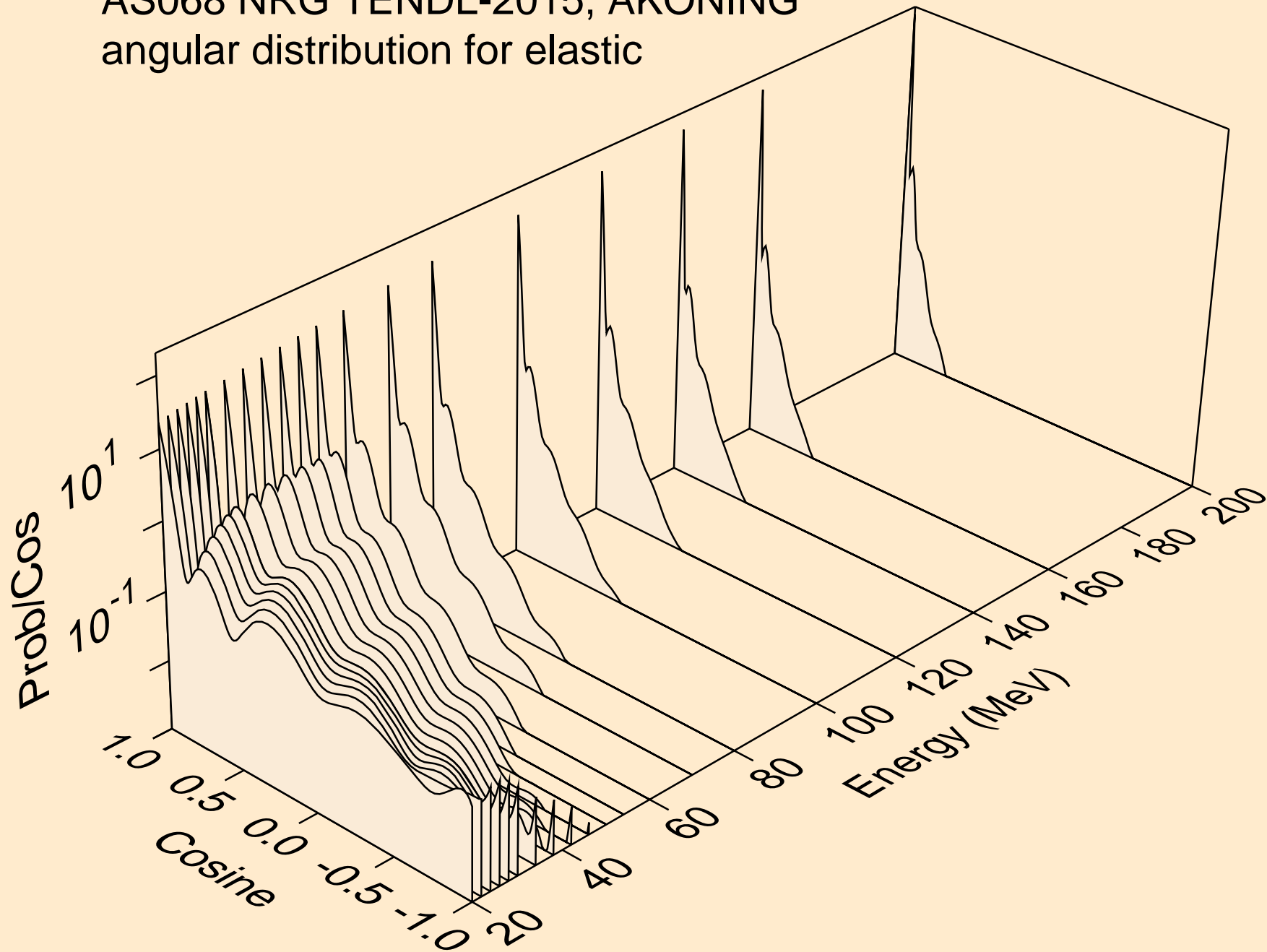
## Threshold reactions



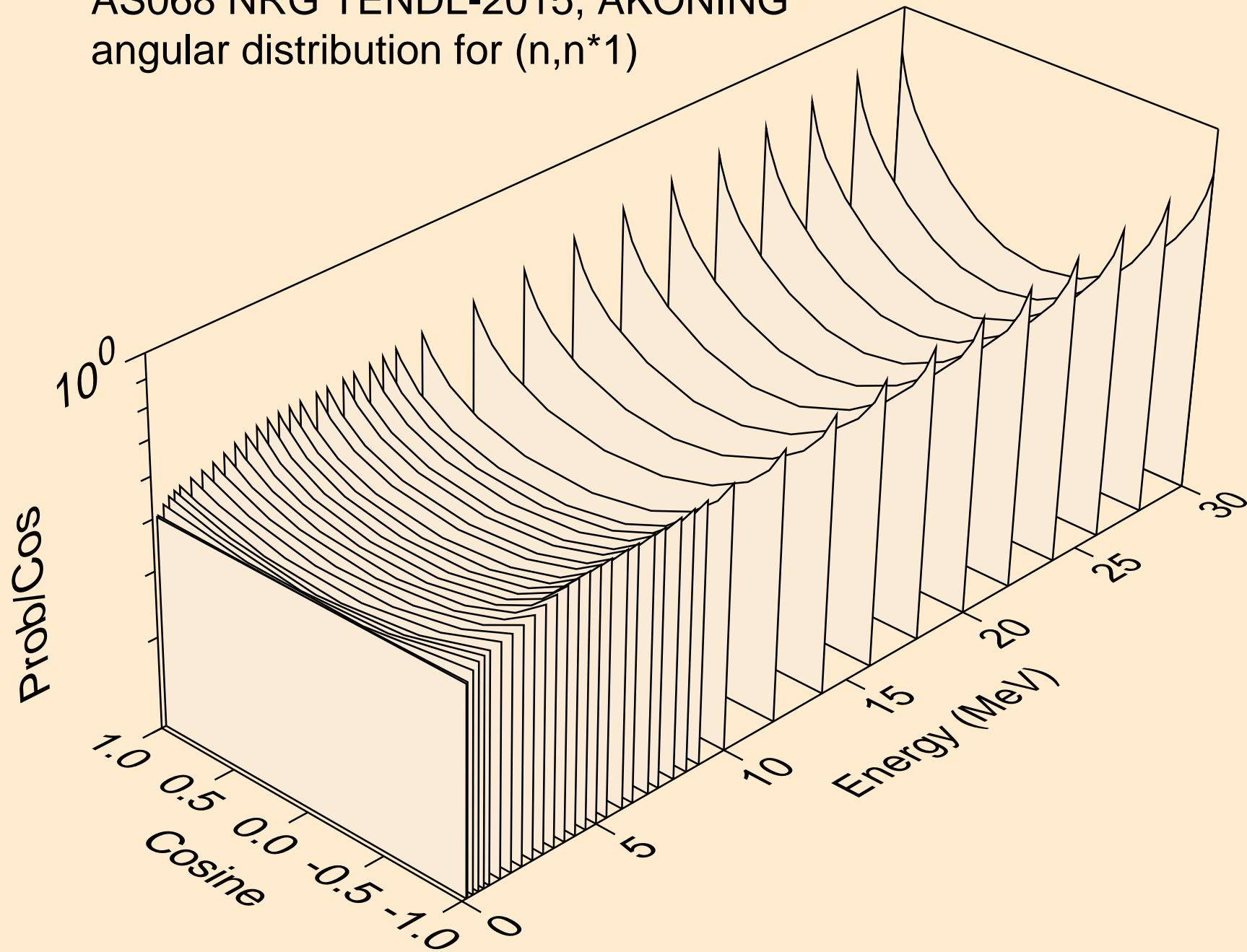
AS068 NRG TENDL-2015, AKONING  
angular distribution for elastic



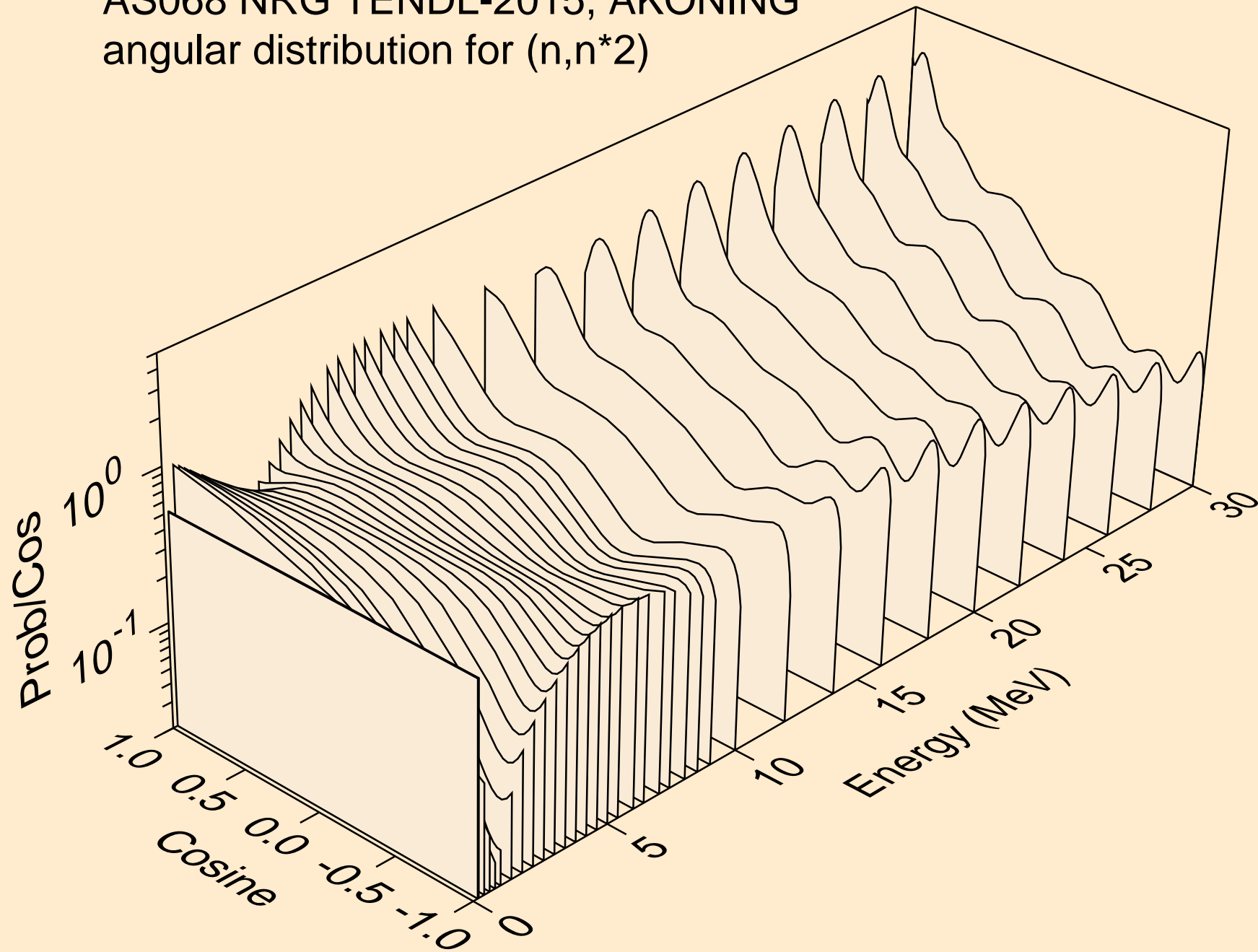
AS068 NRG TENDL-2015, AKONING  
angular distribution for elastic



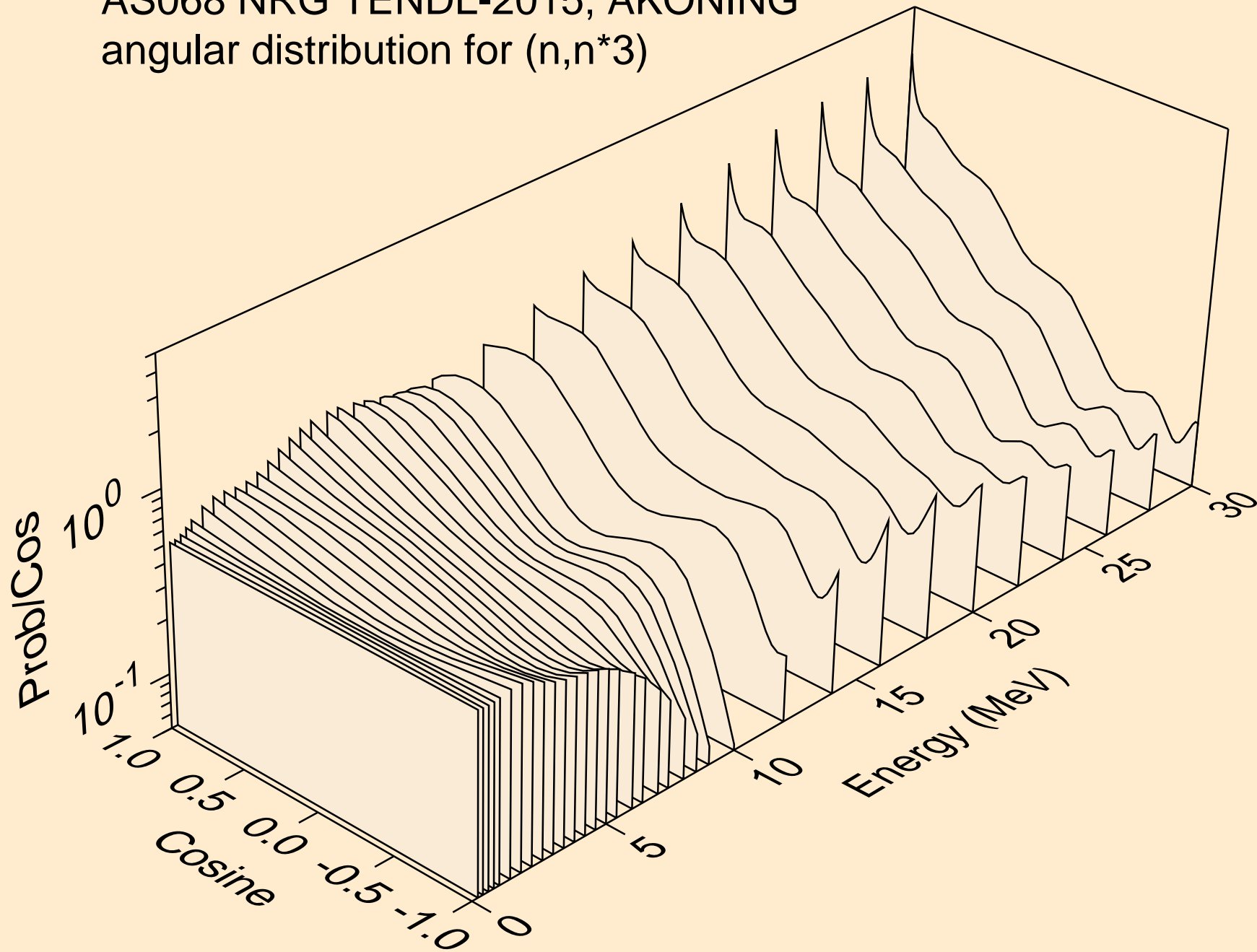
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



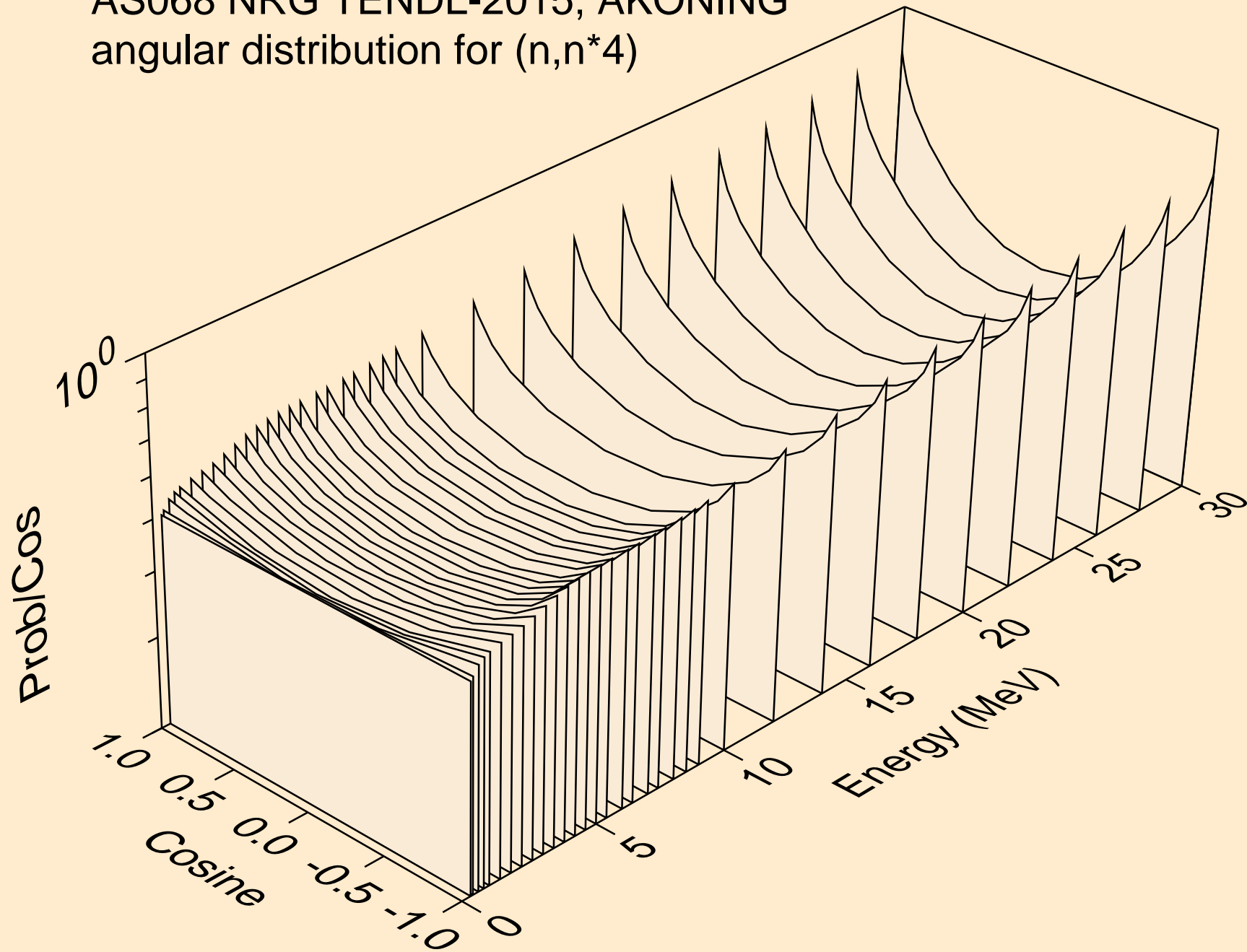
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

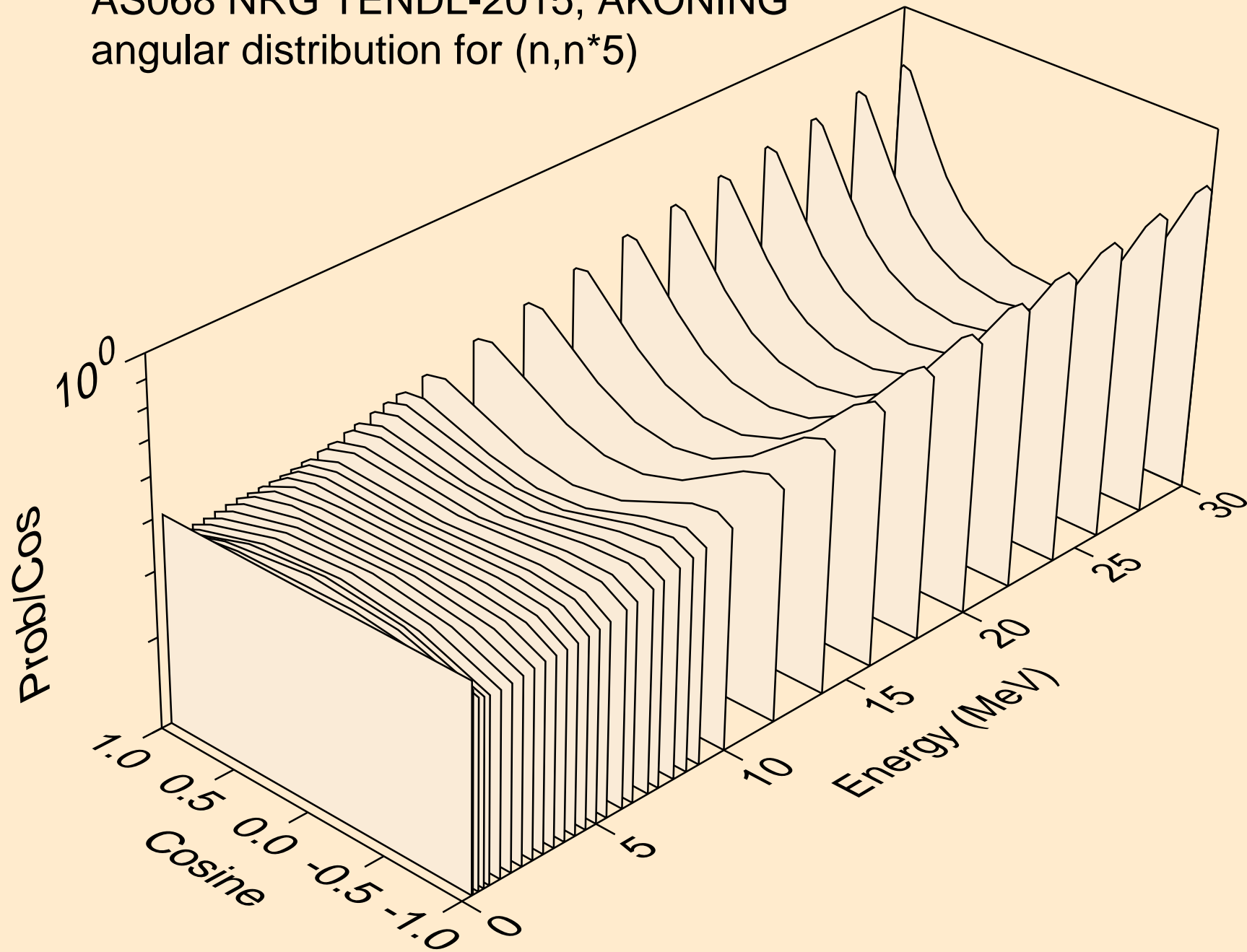


AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

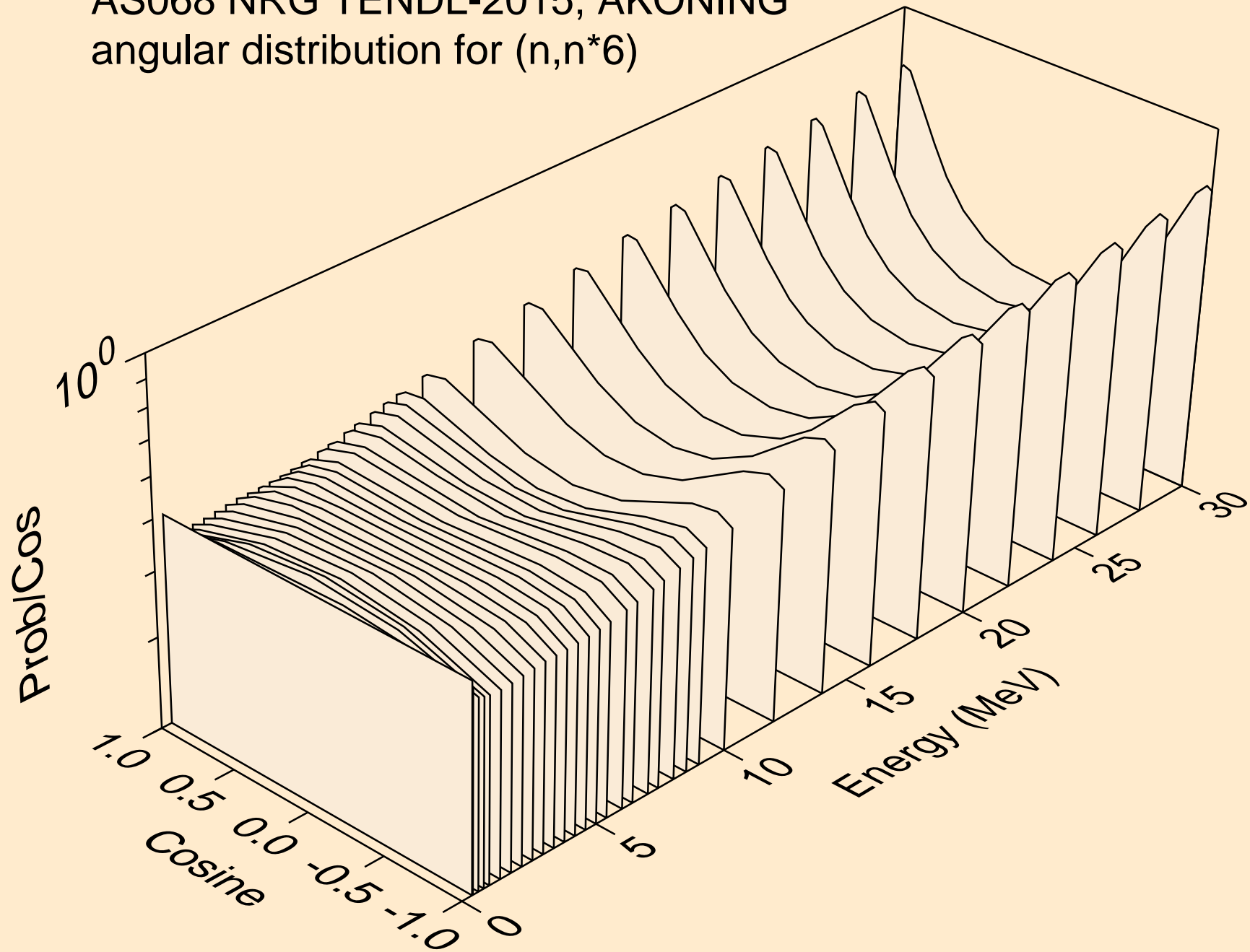




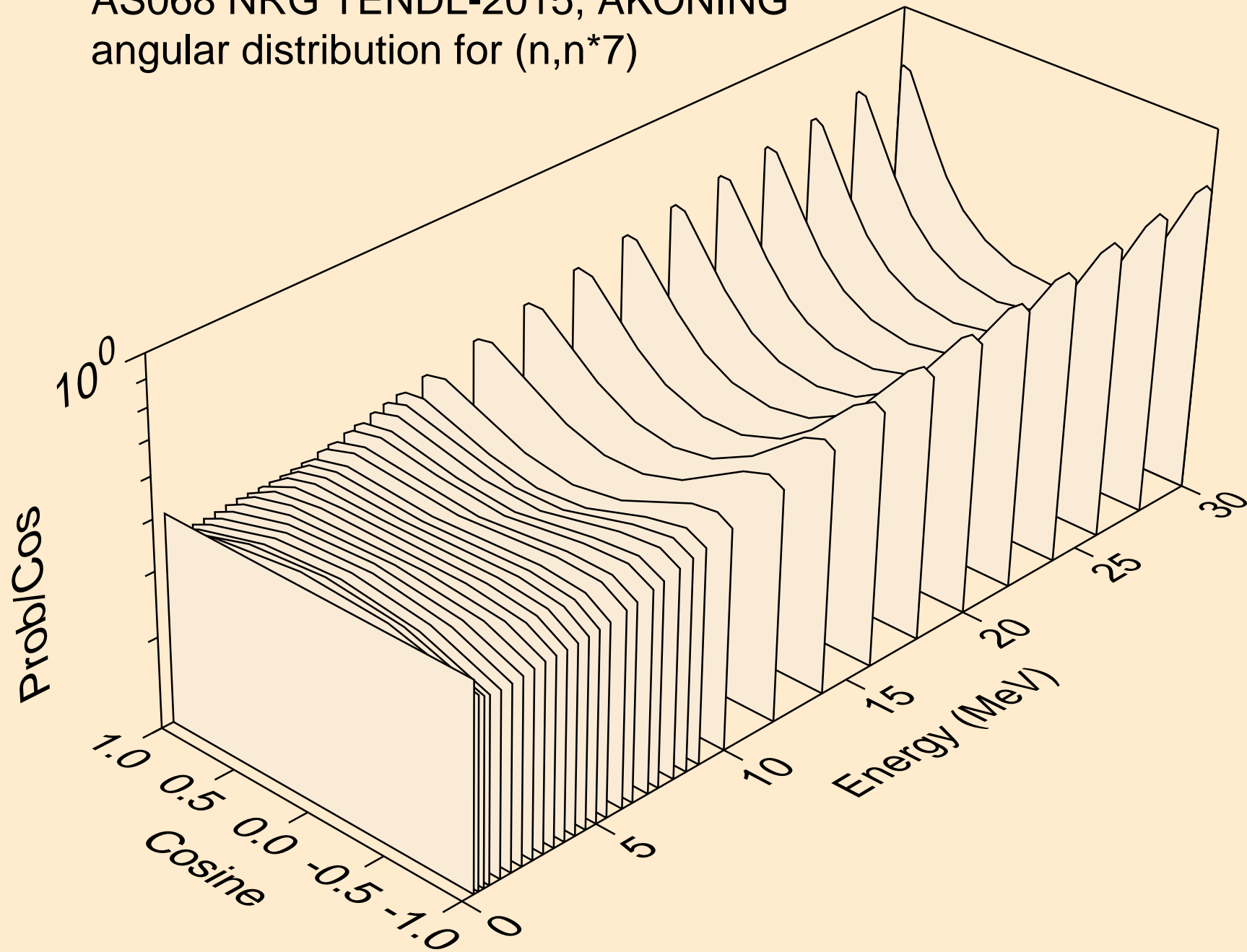
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



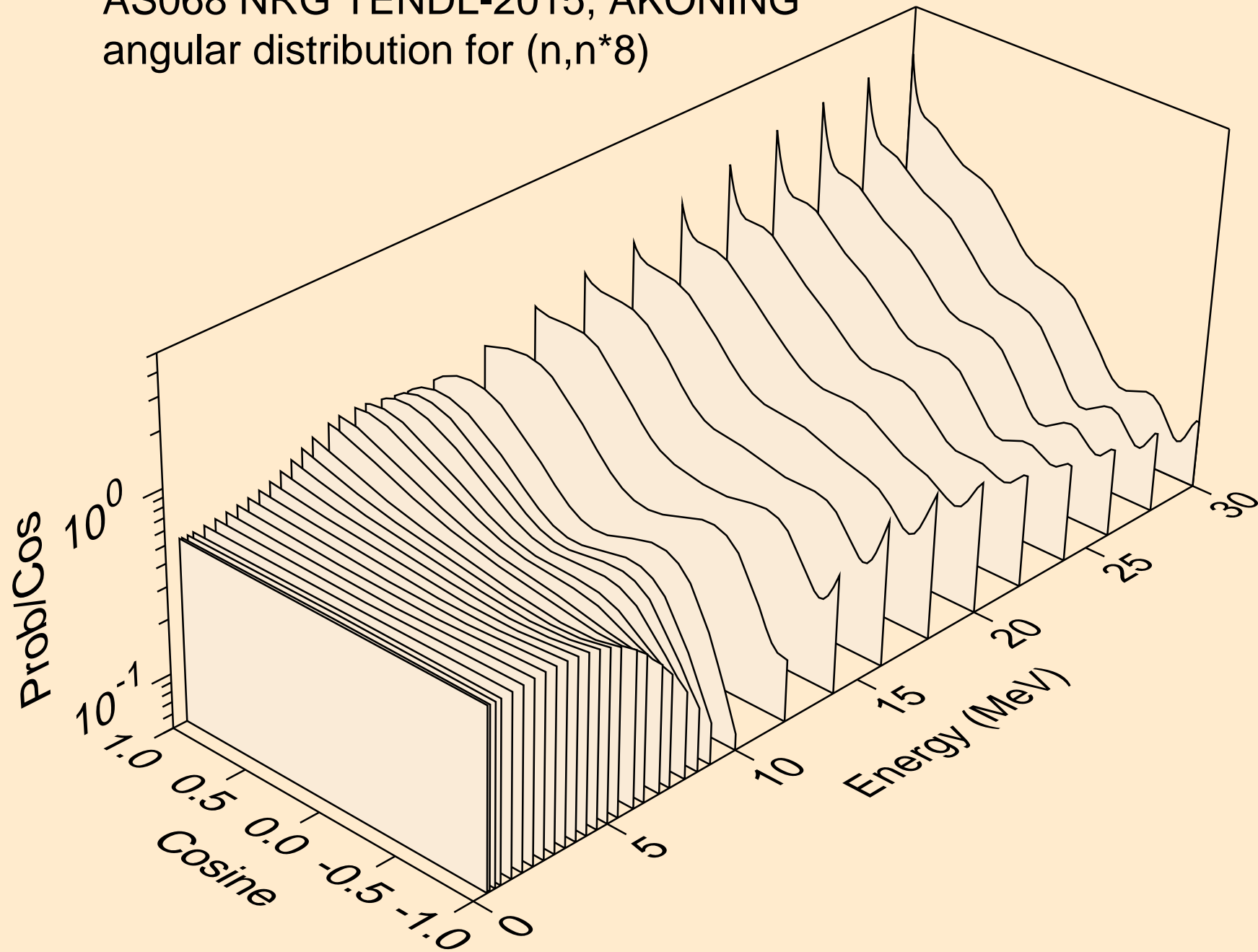
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



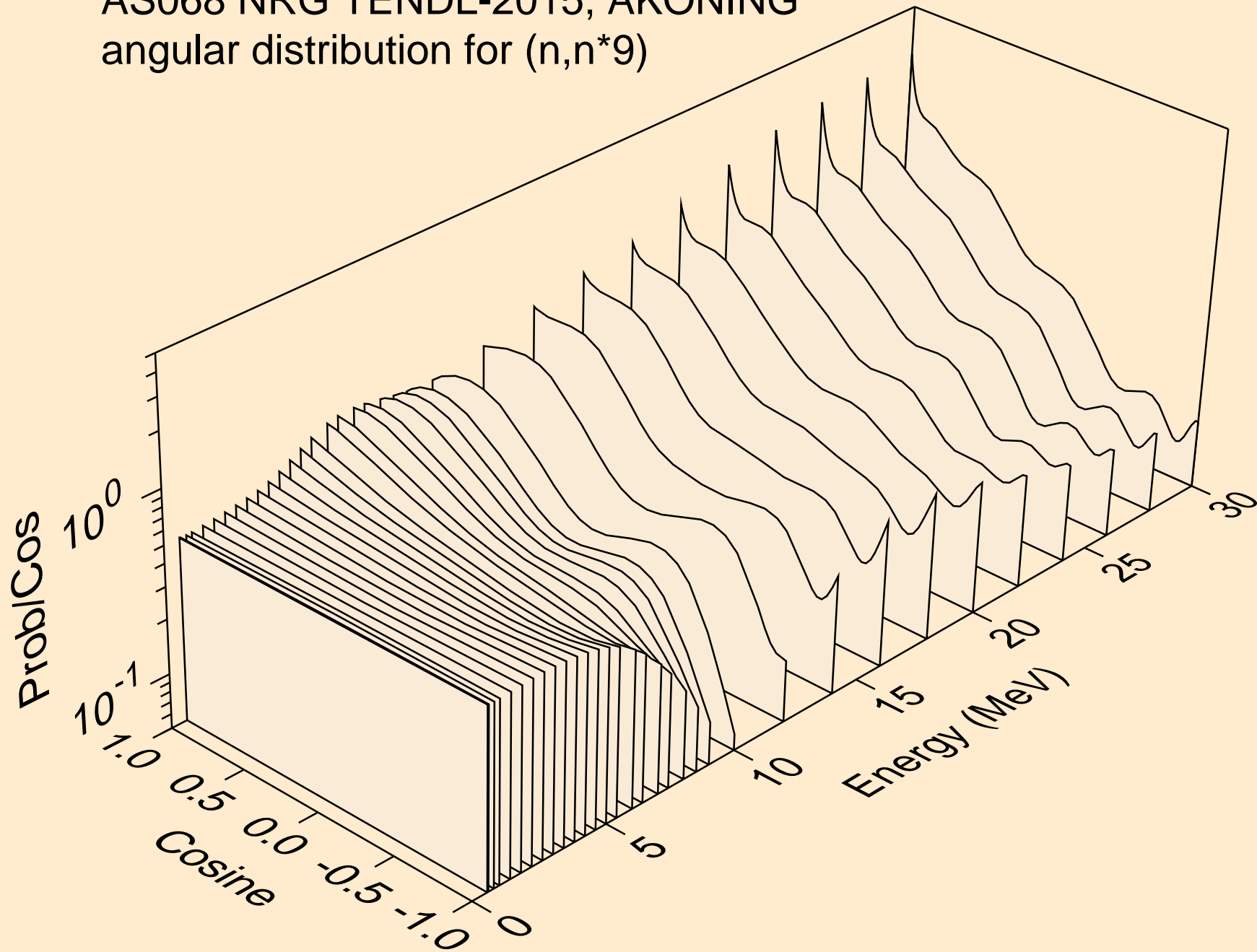
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



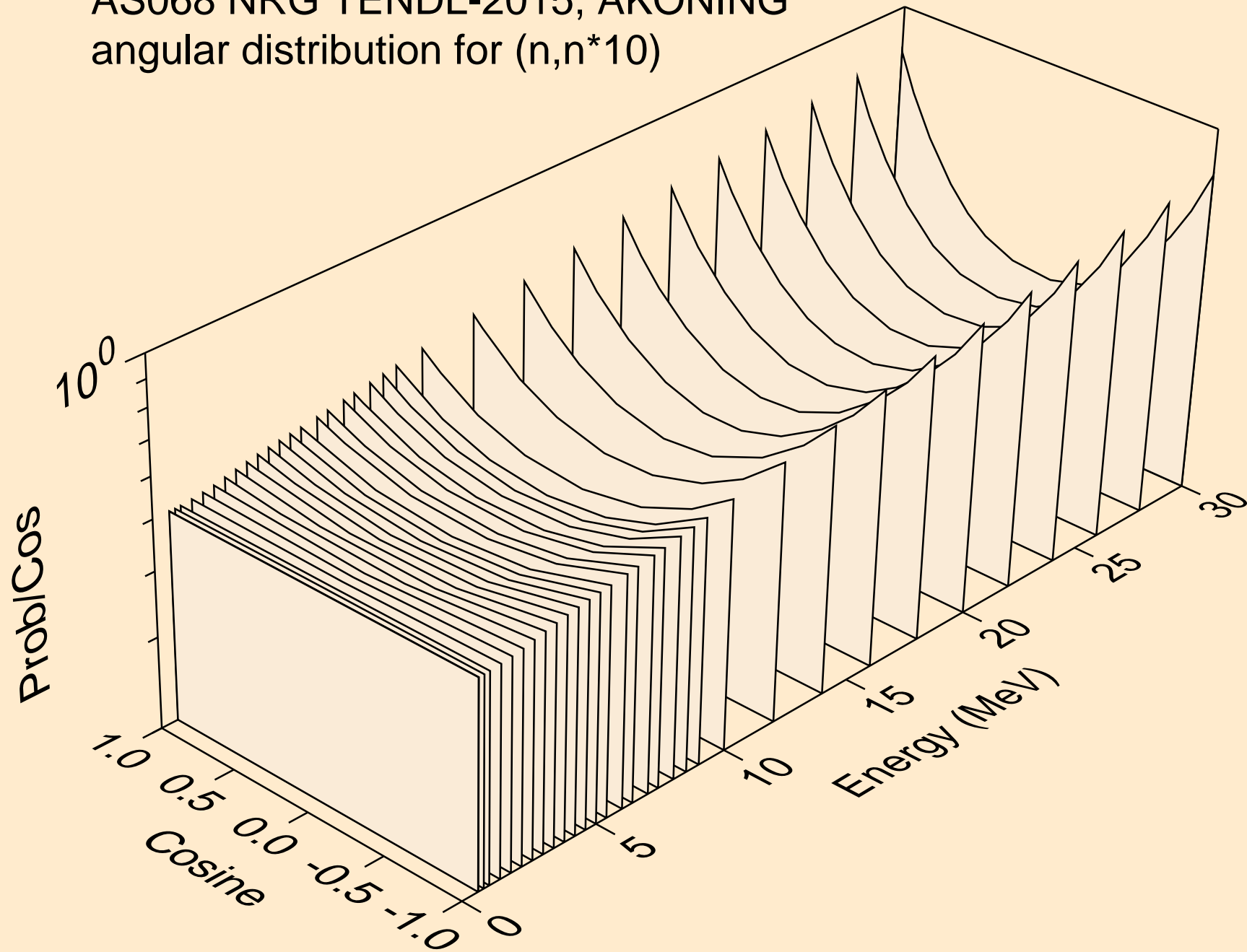
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



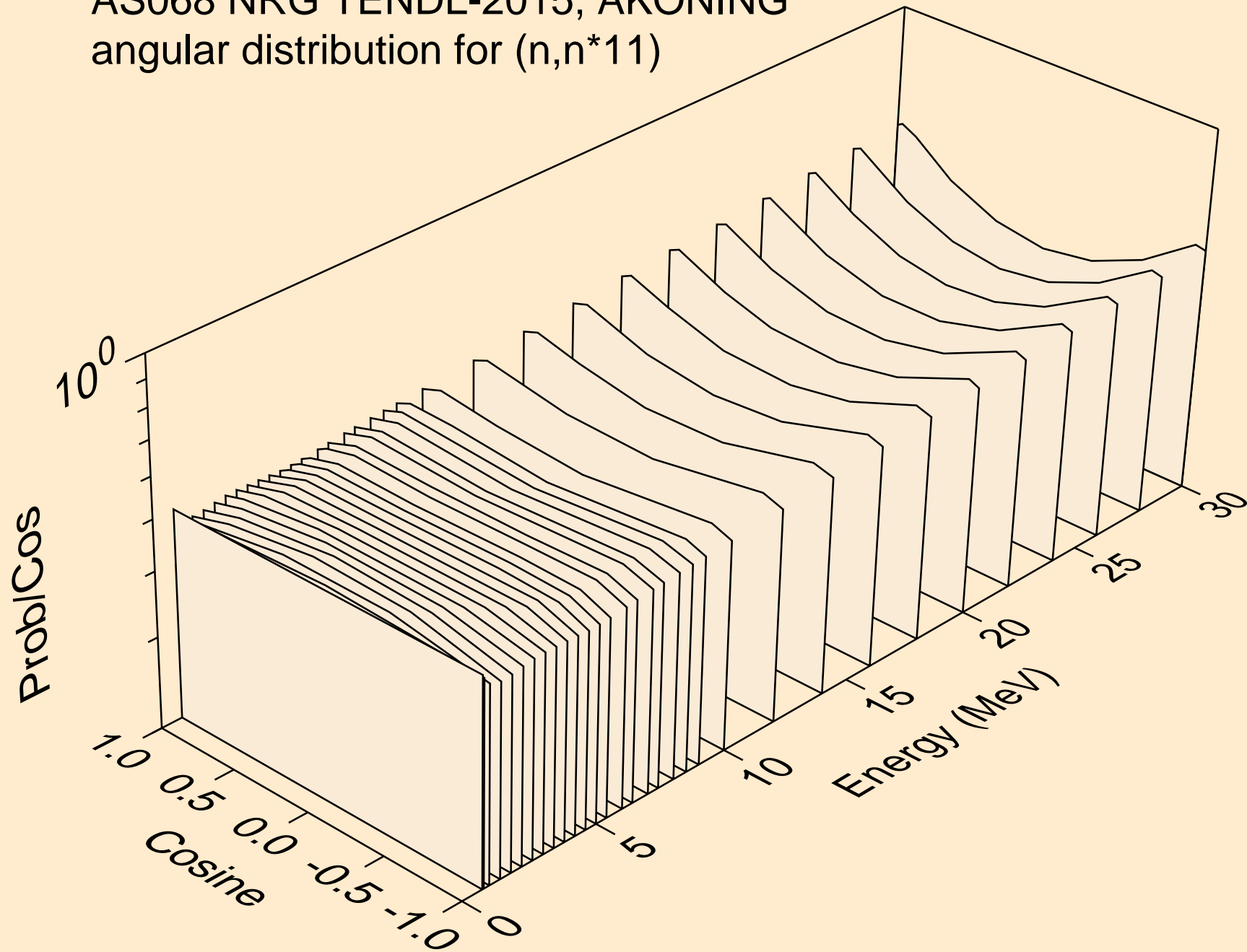
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



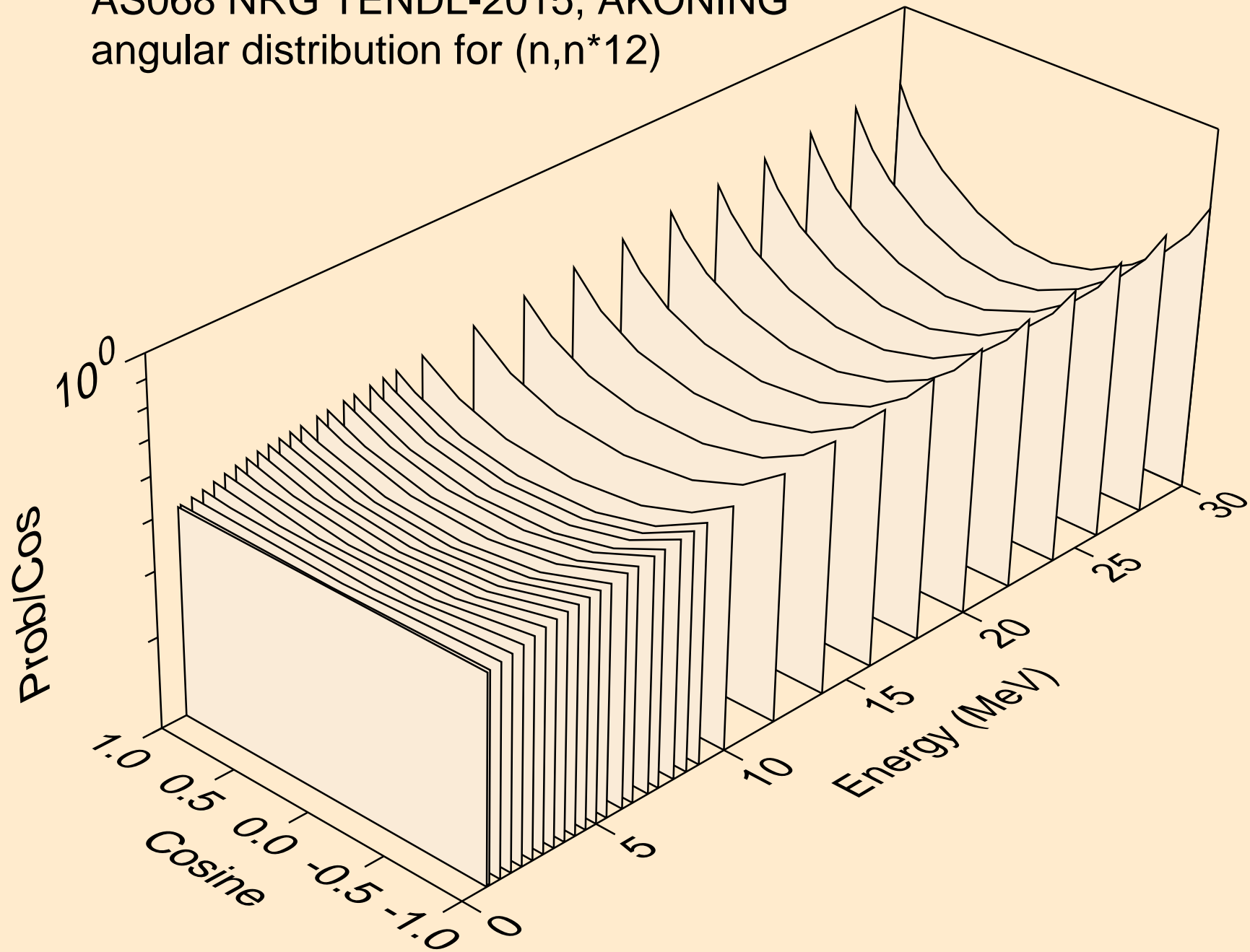
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

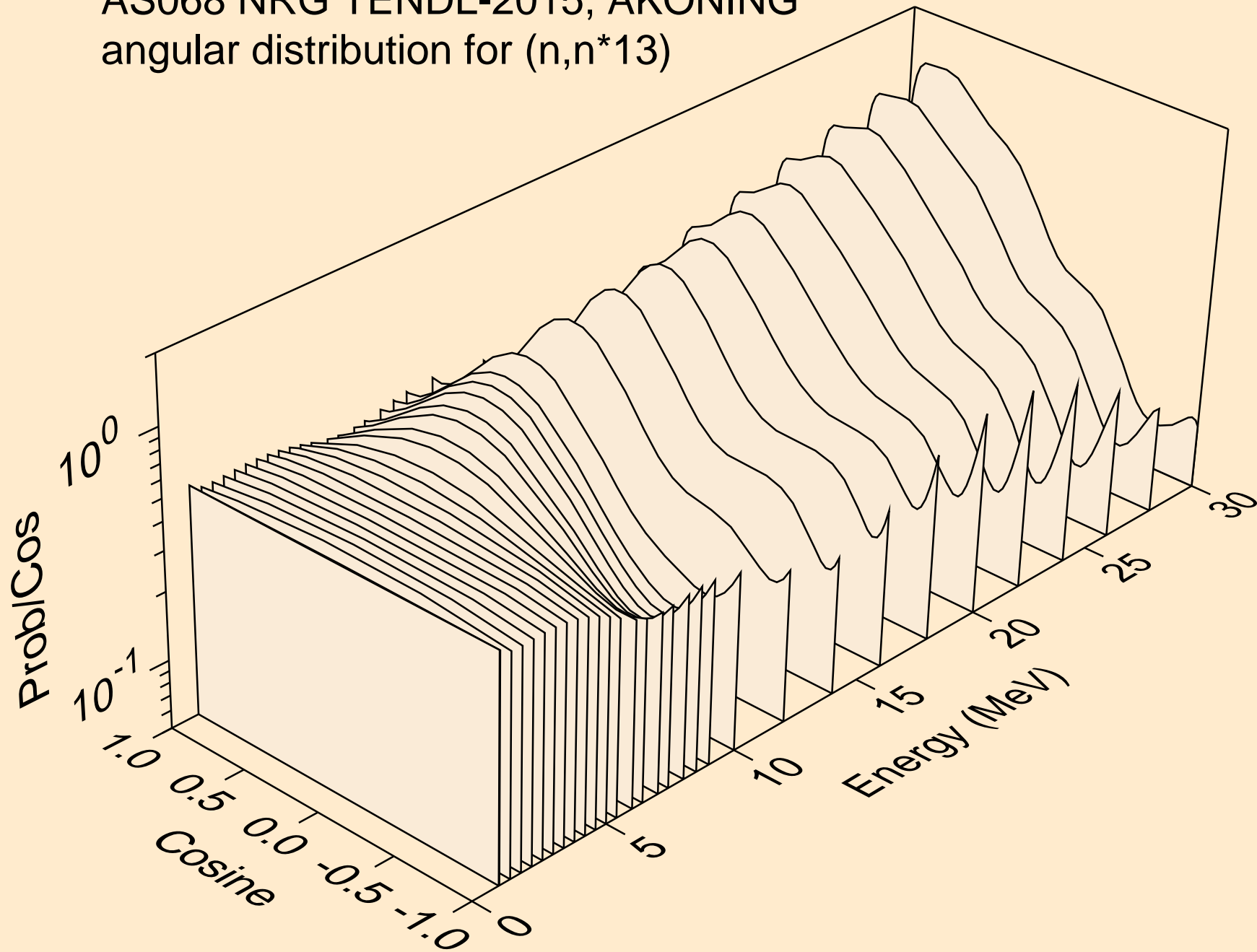


AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

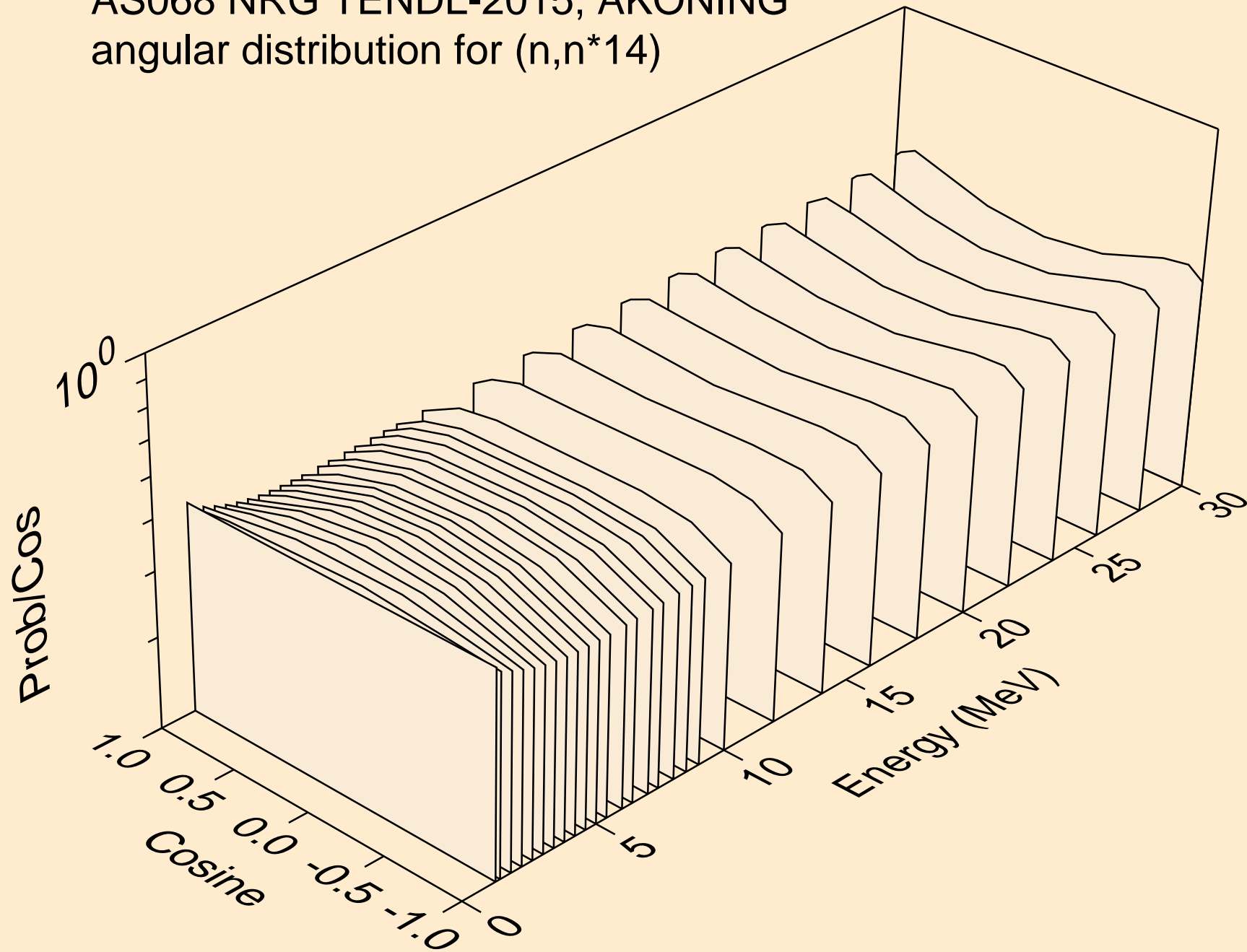




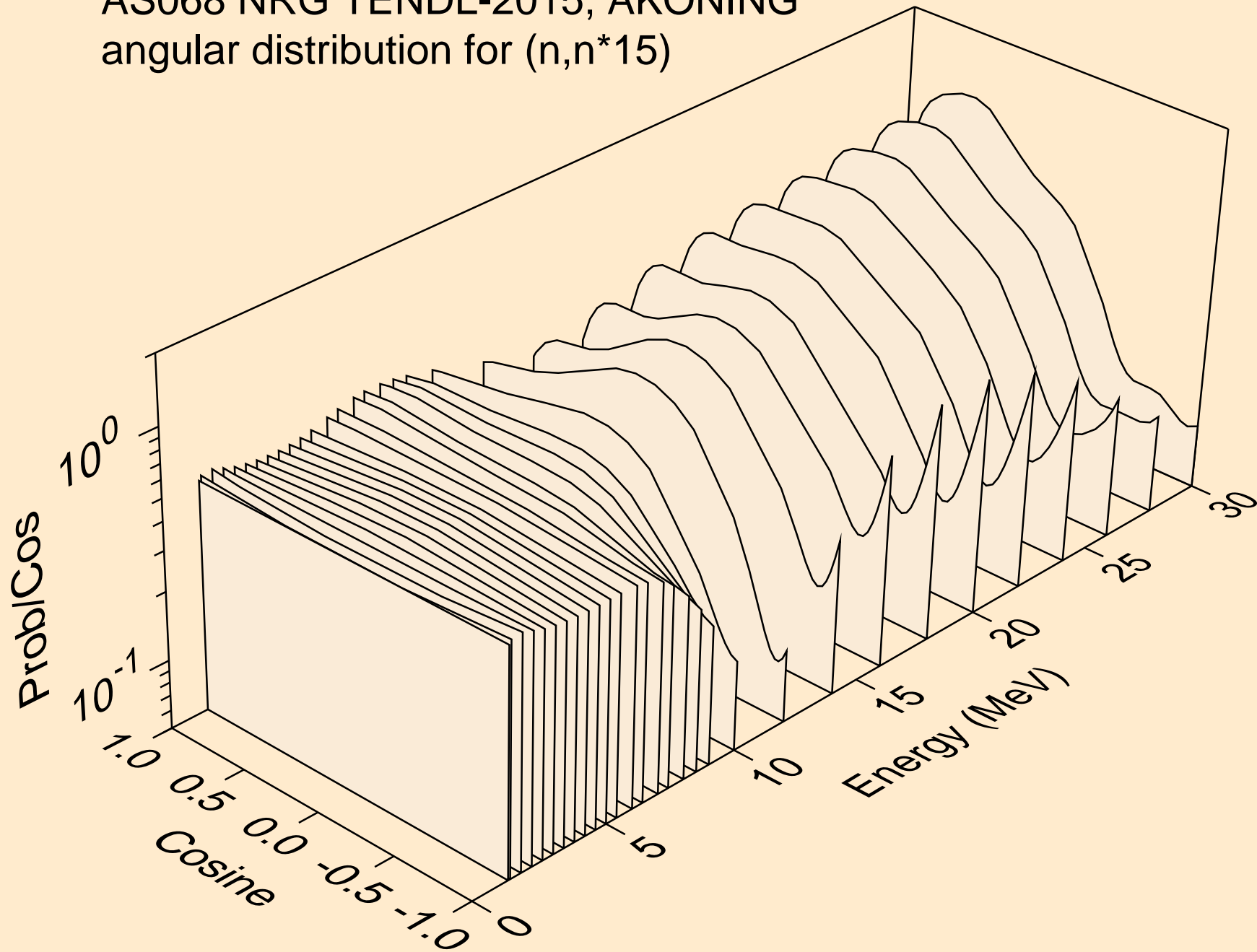
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



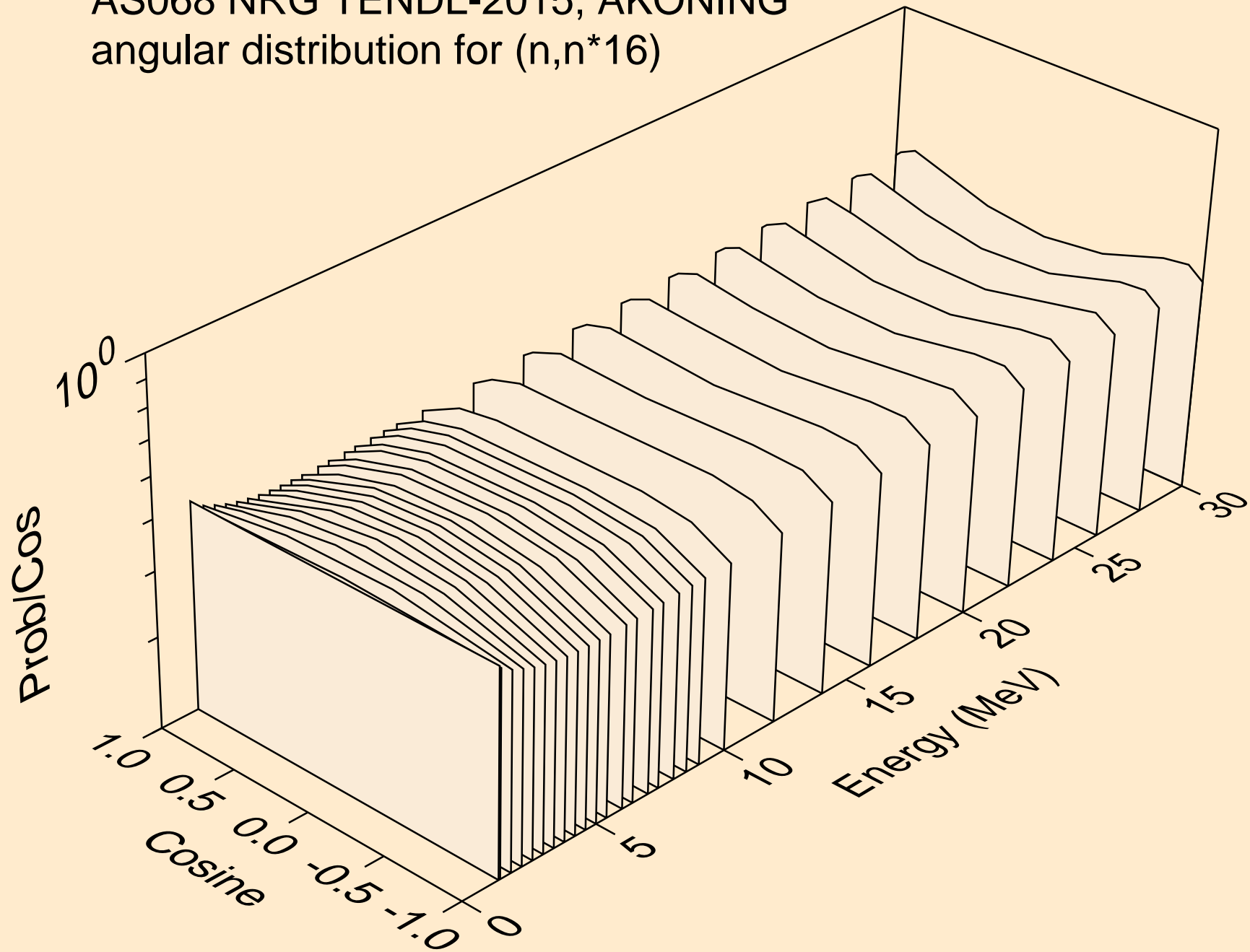
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



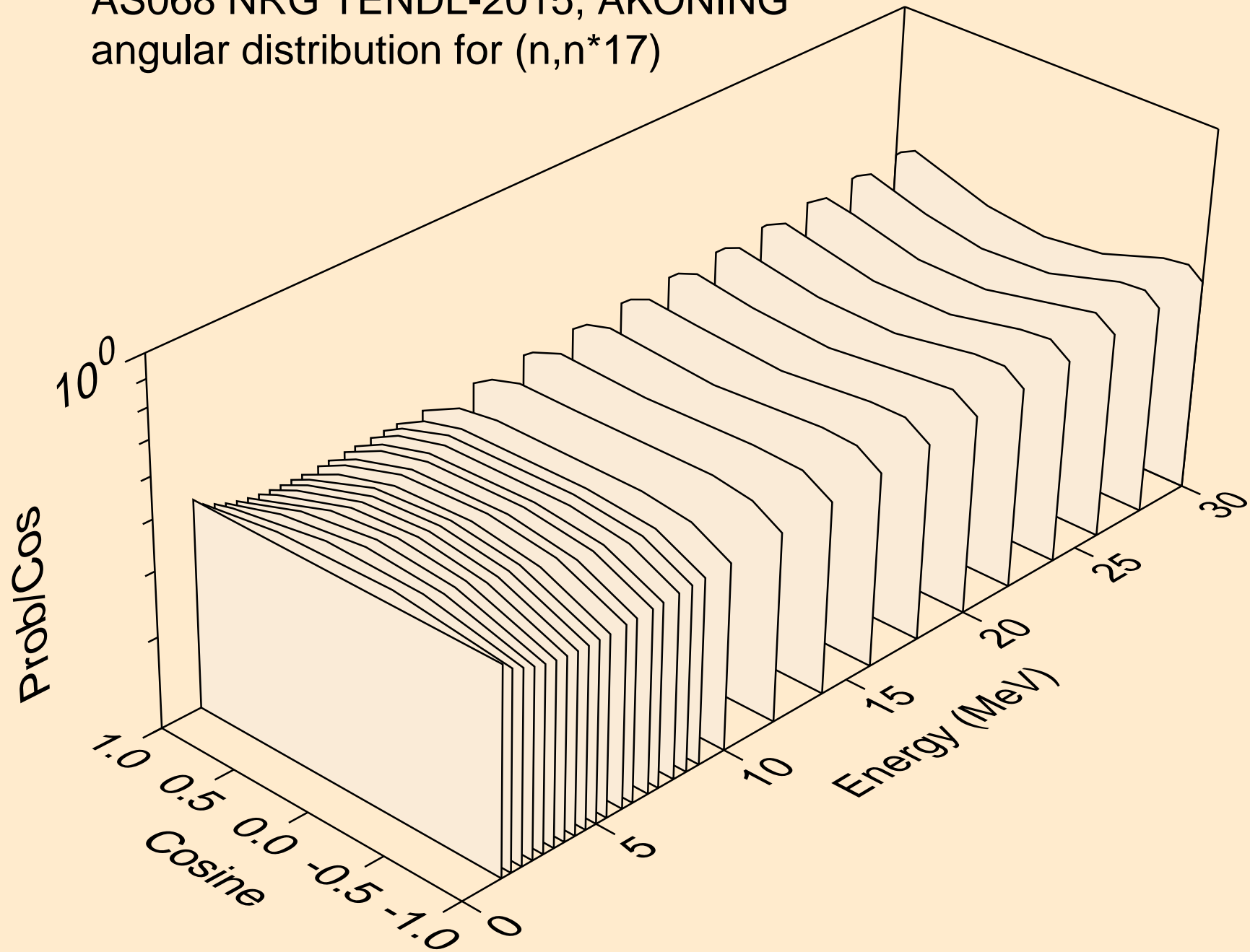
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



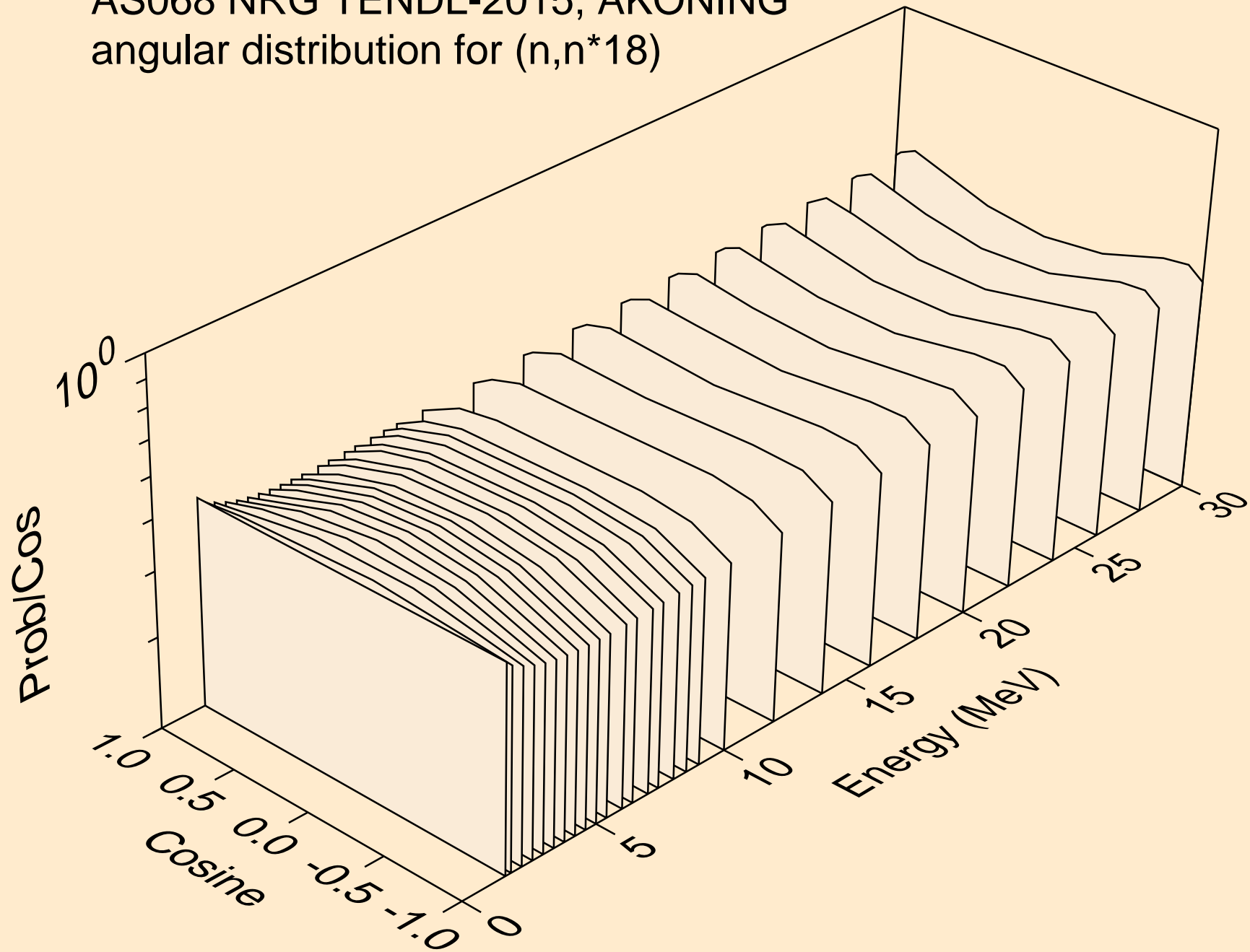
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



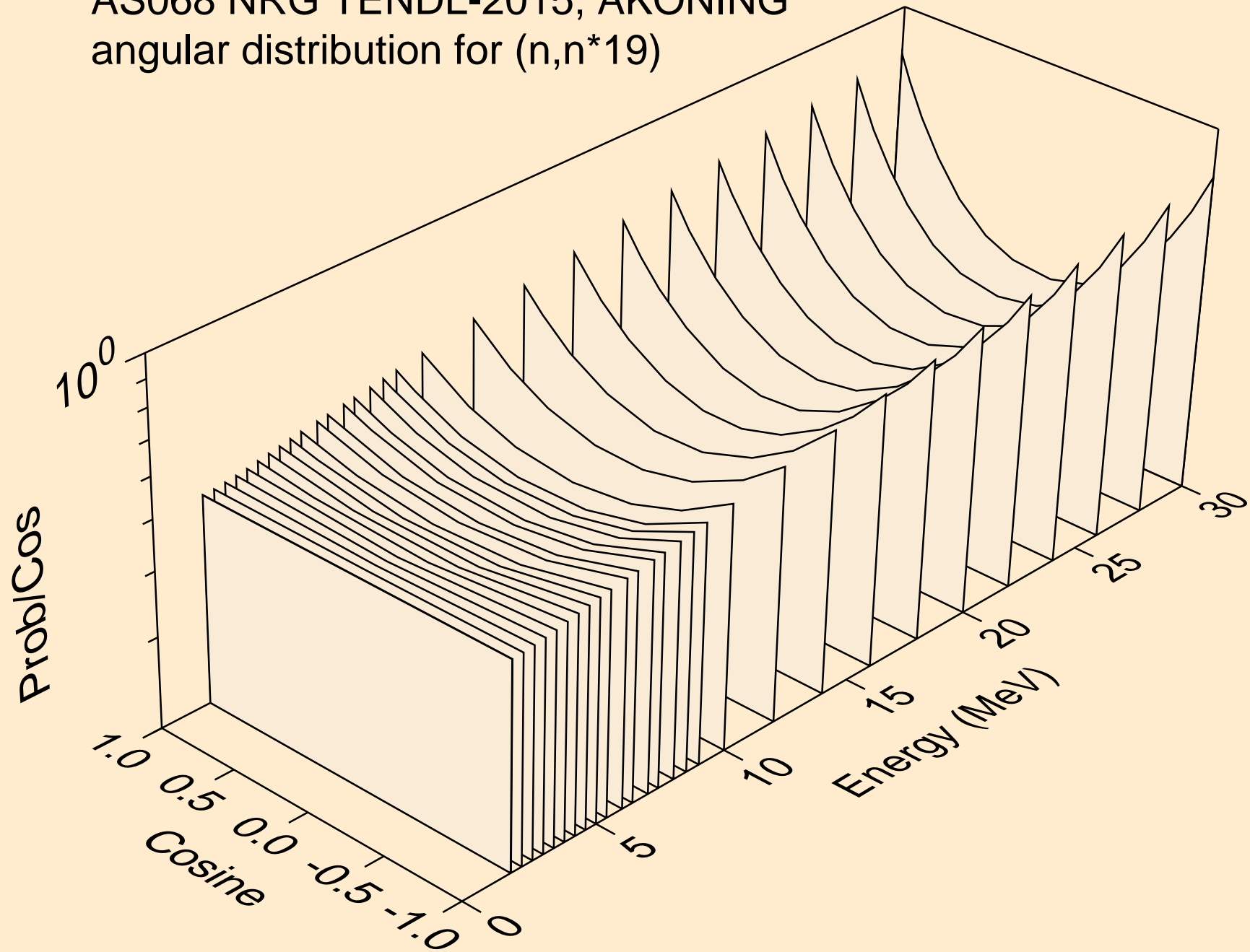
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



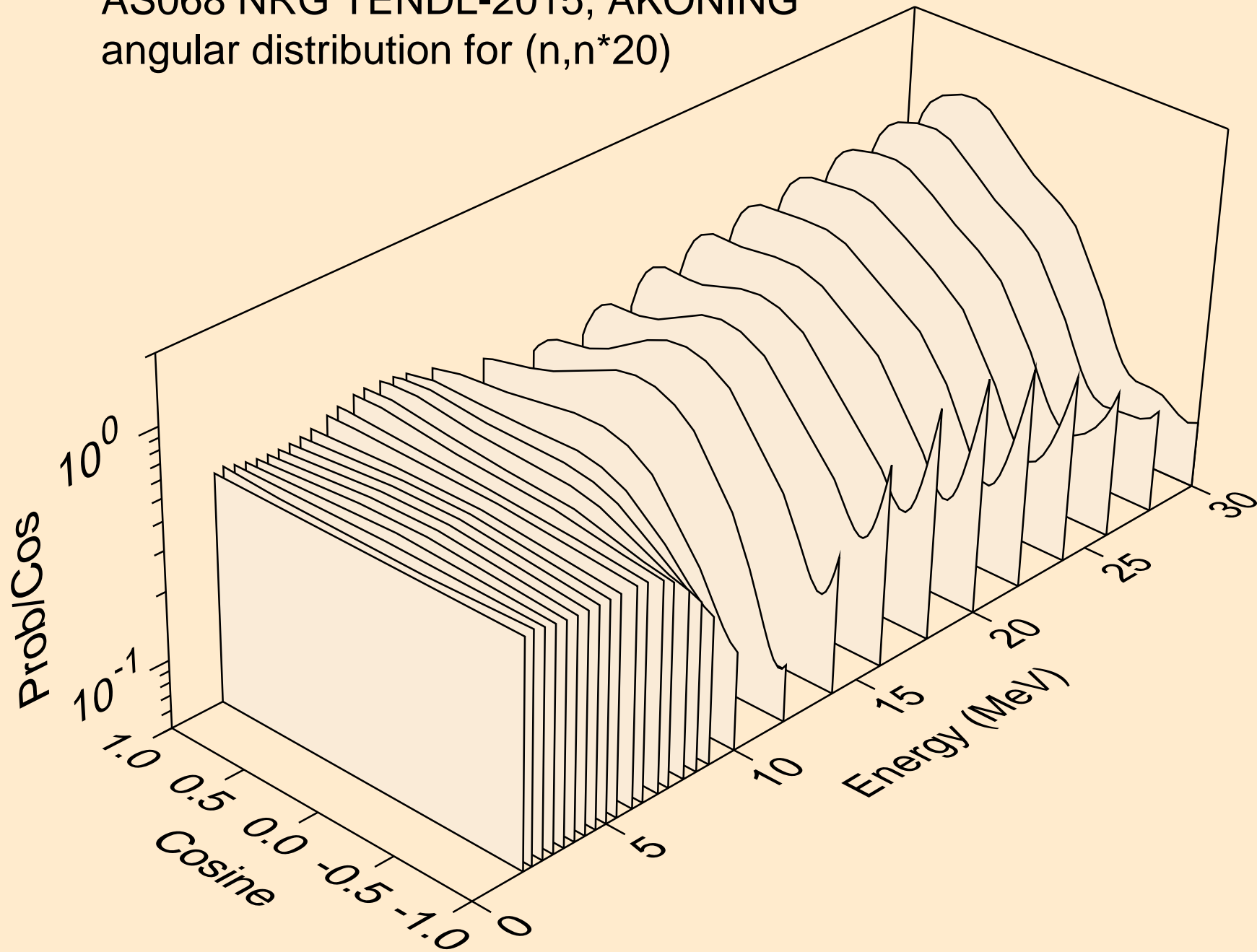
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

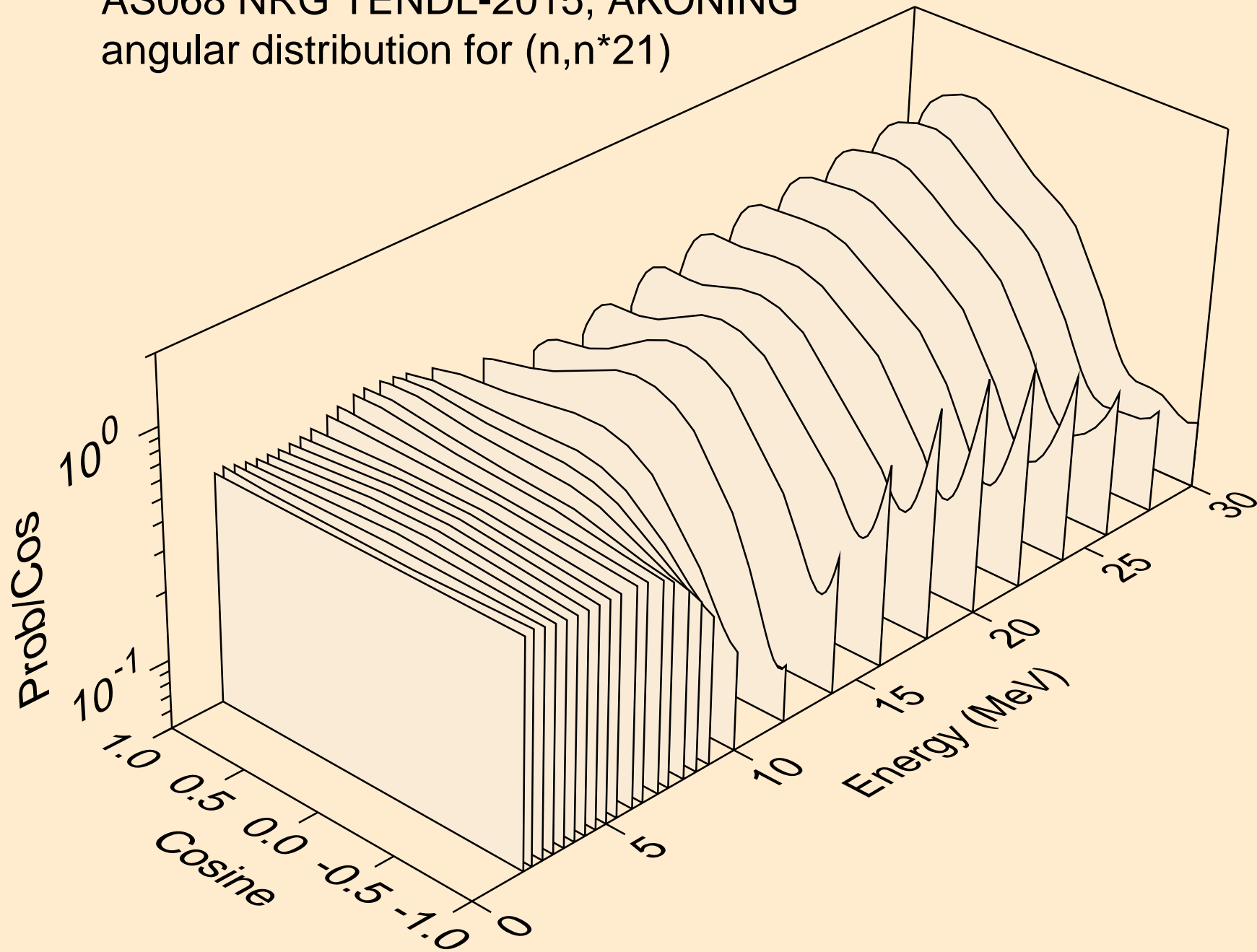


AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

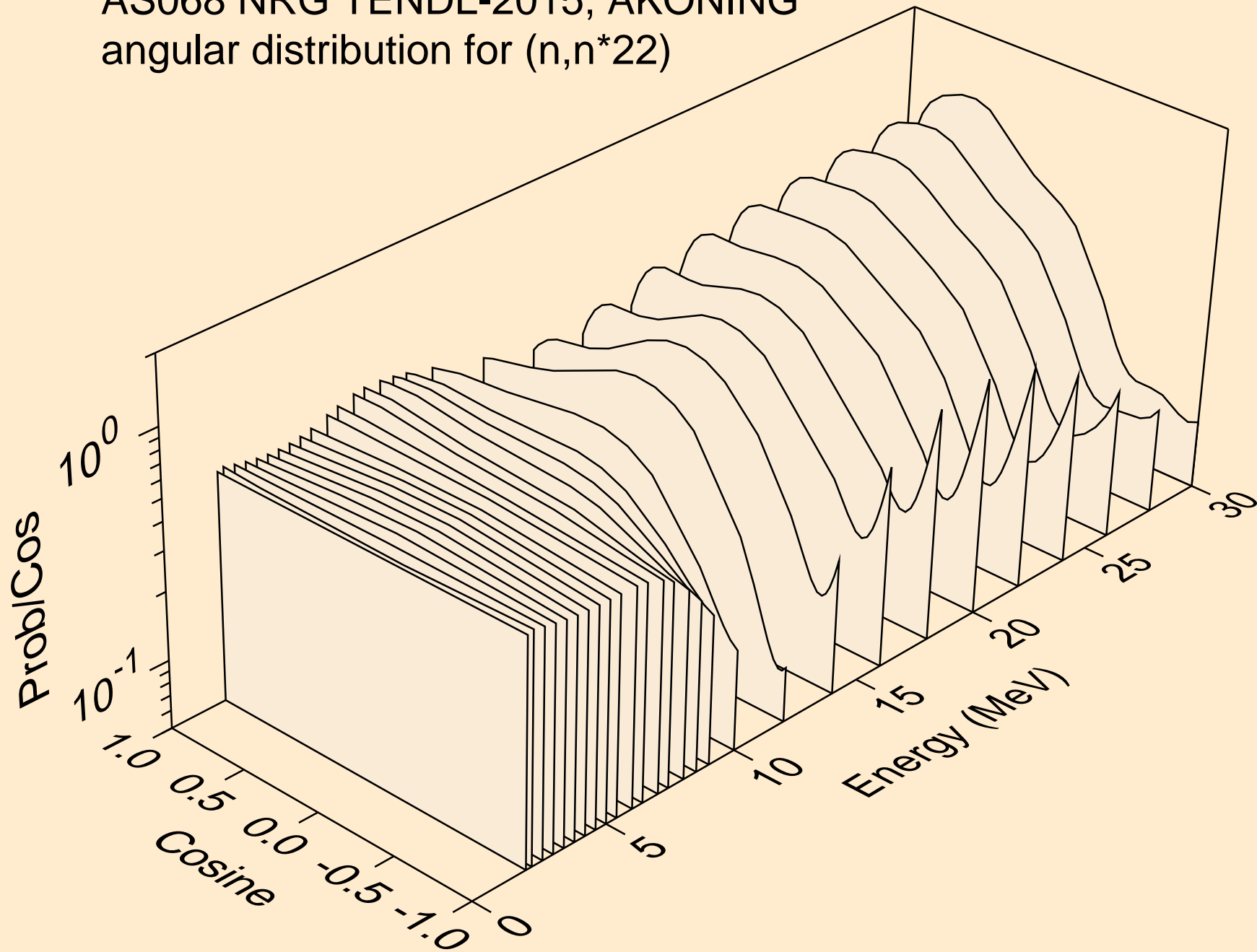




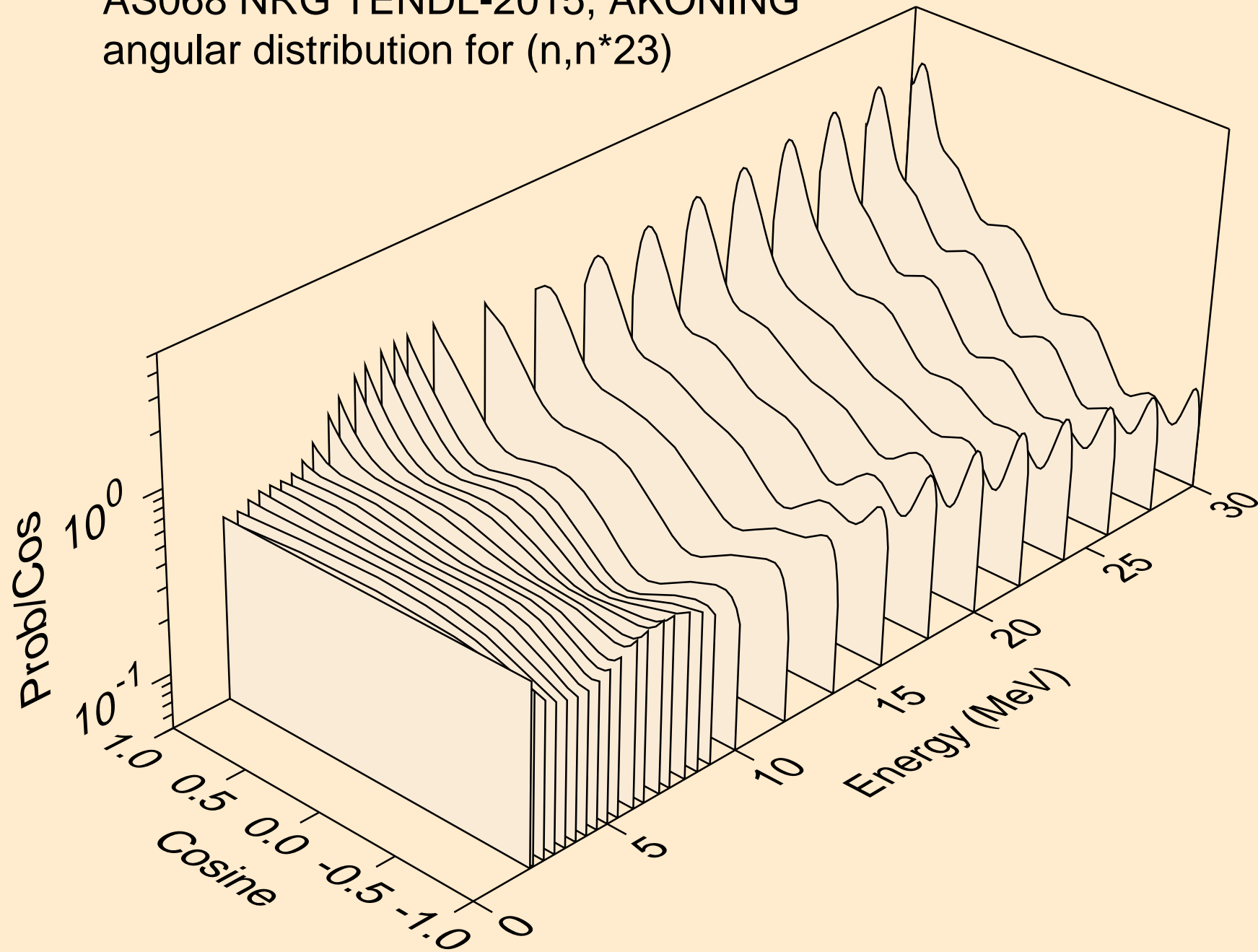
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



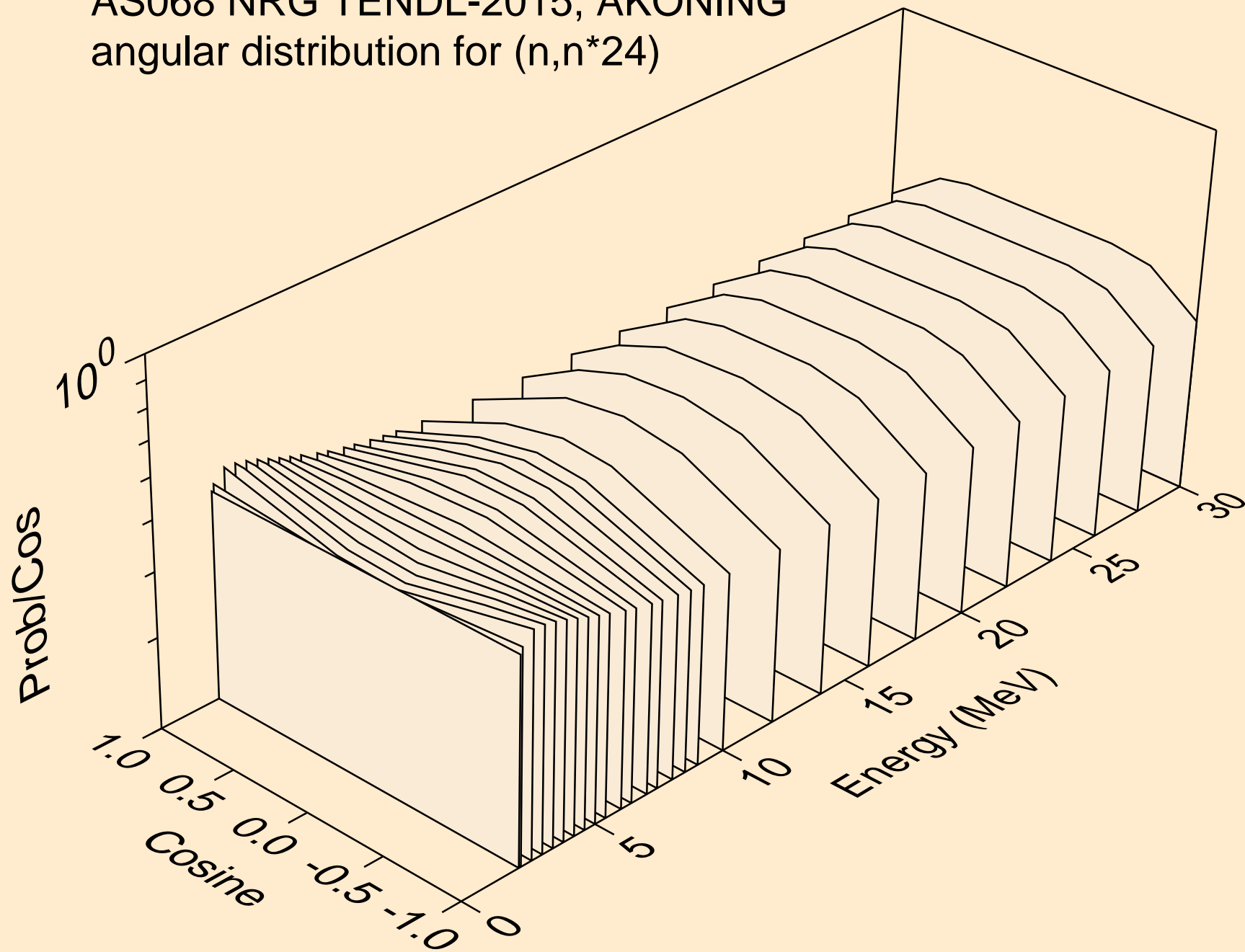
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



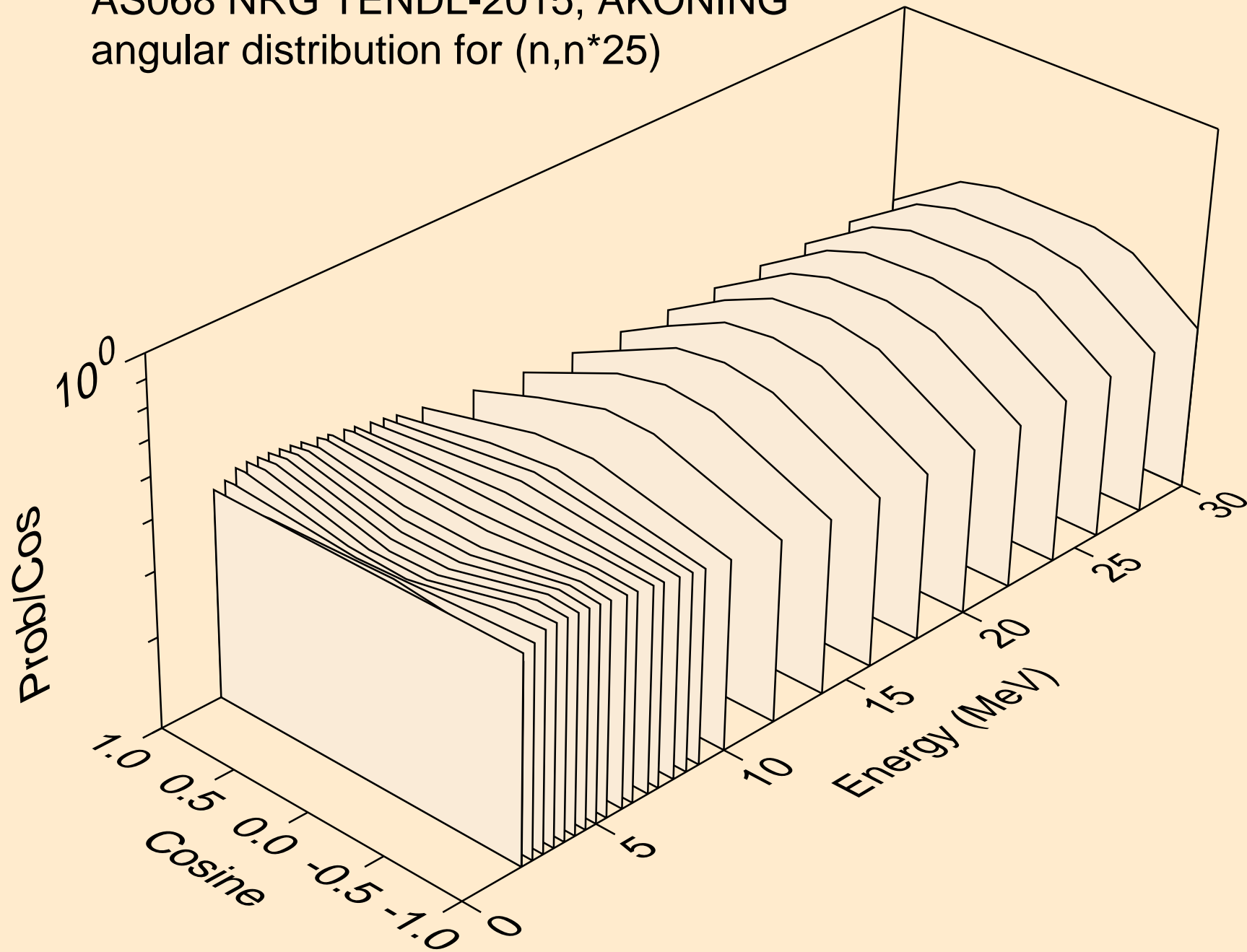
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



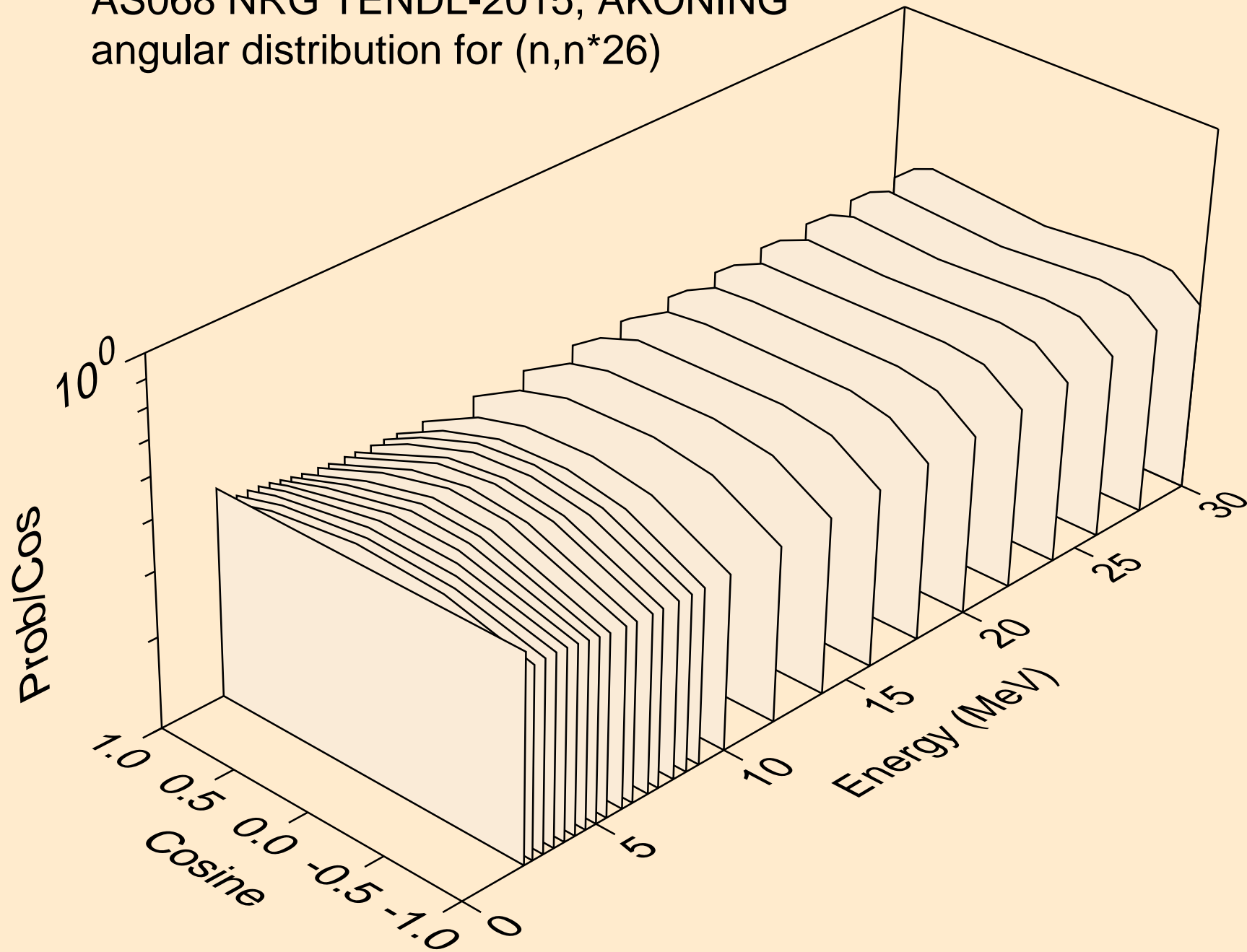
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



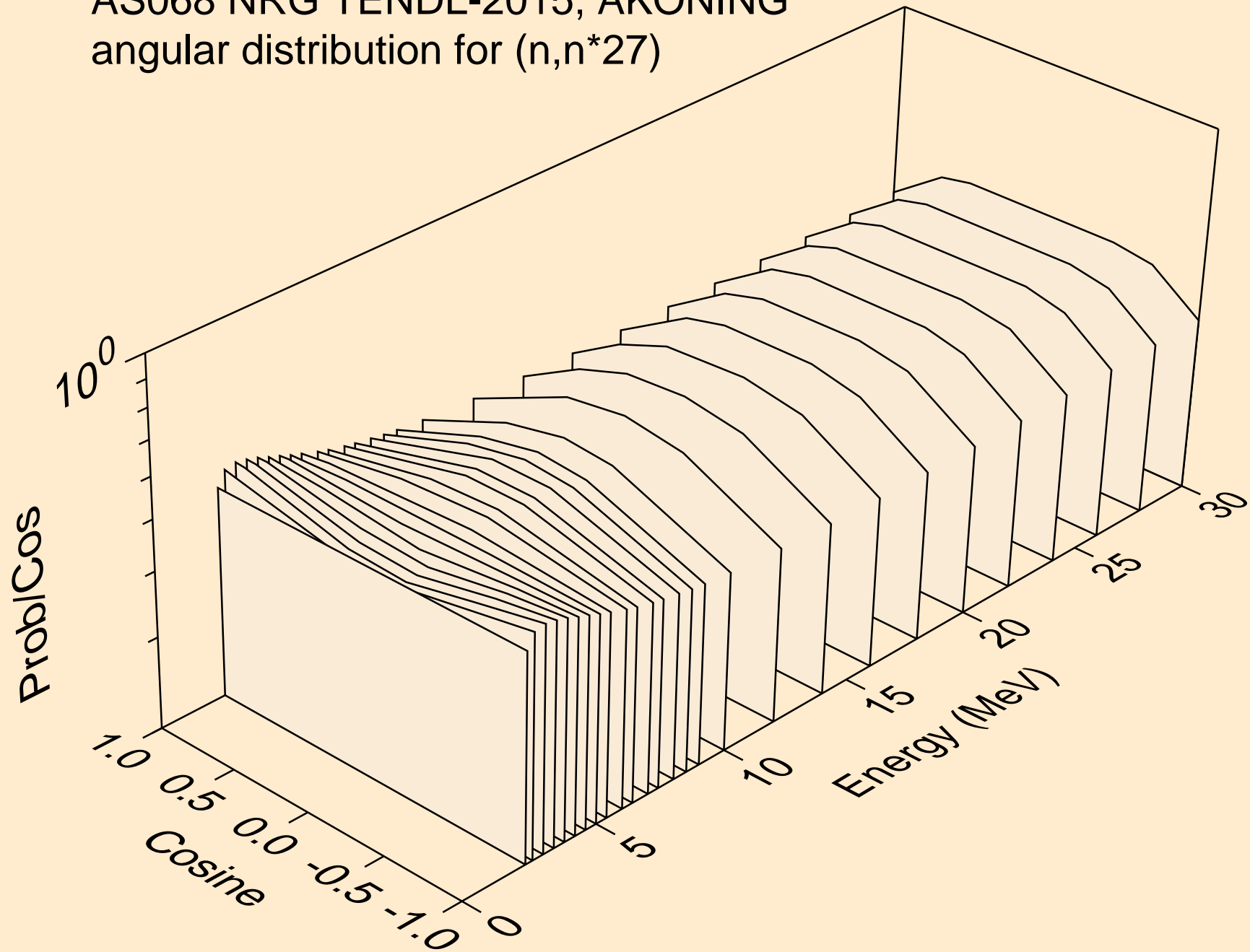
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



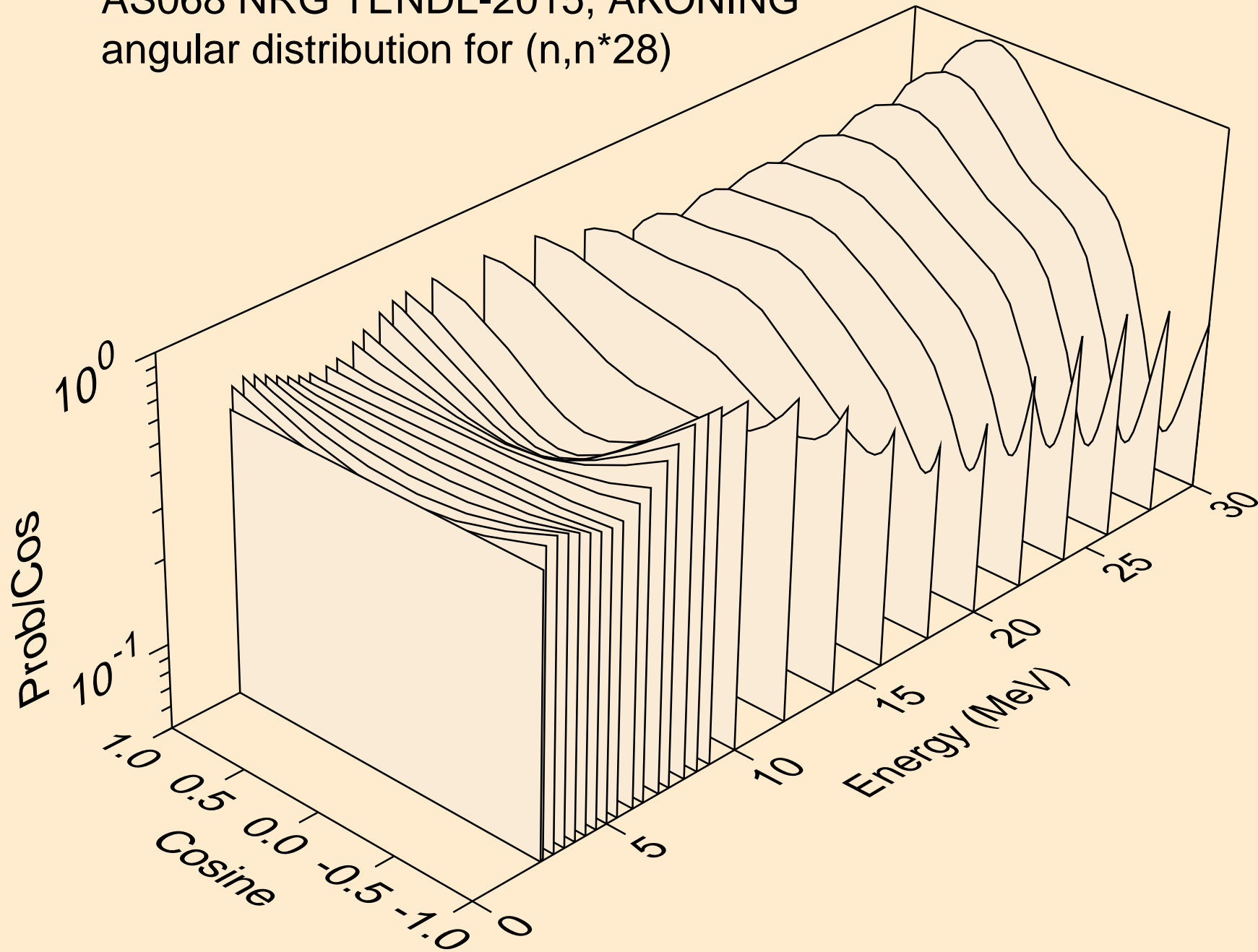
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

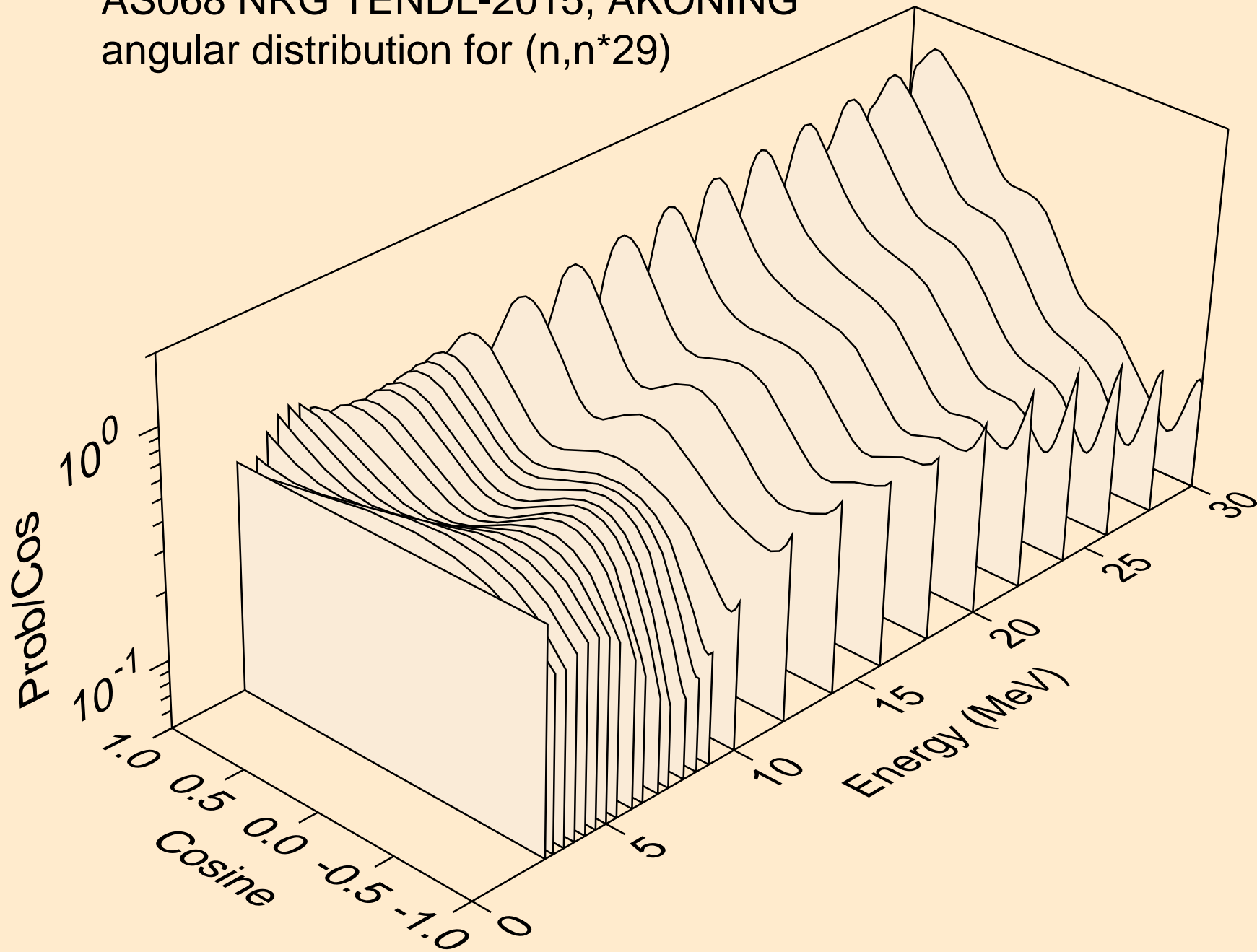


AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

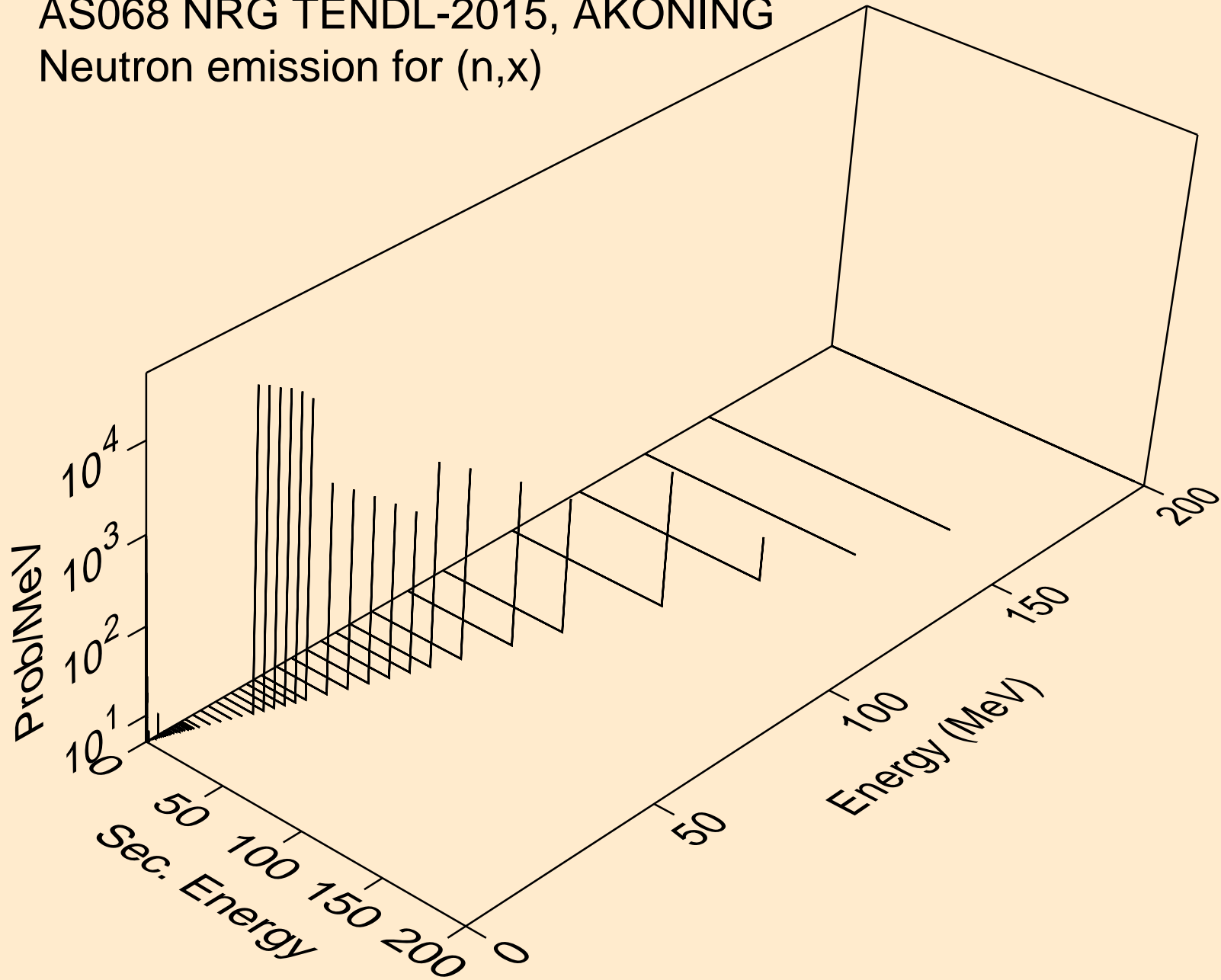




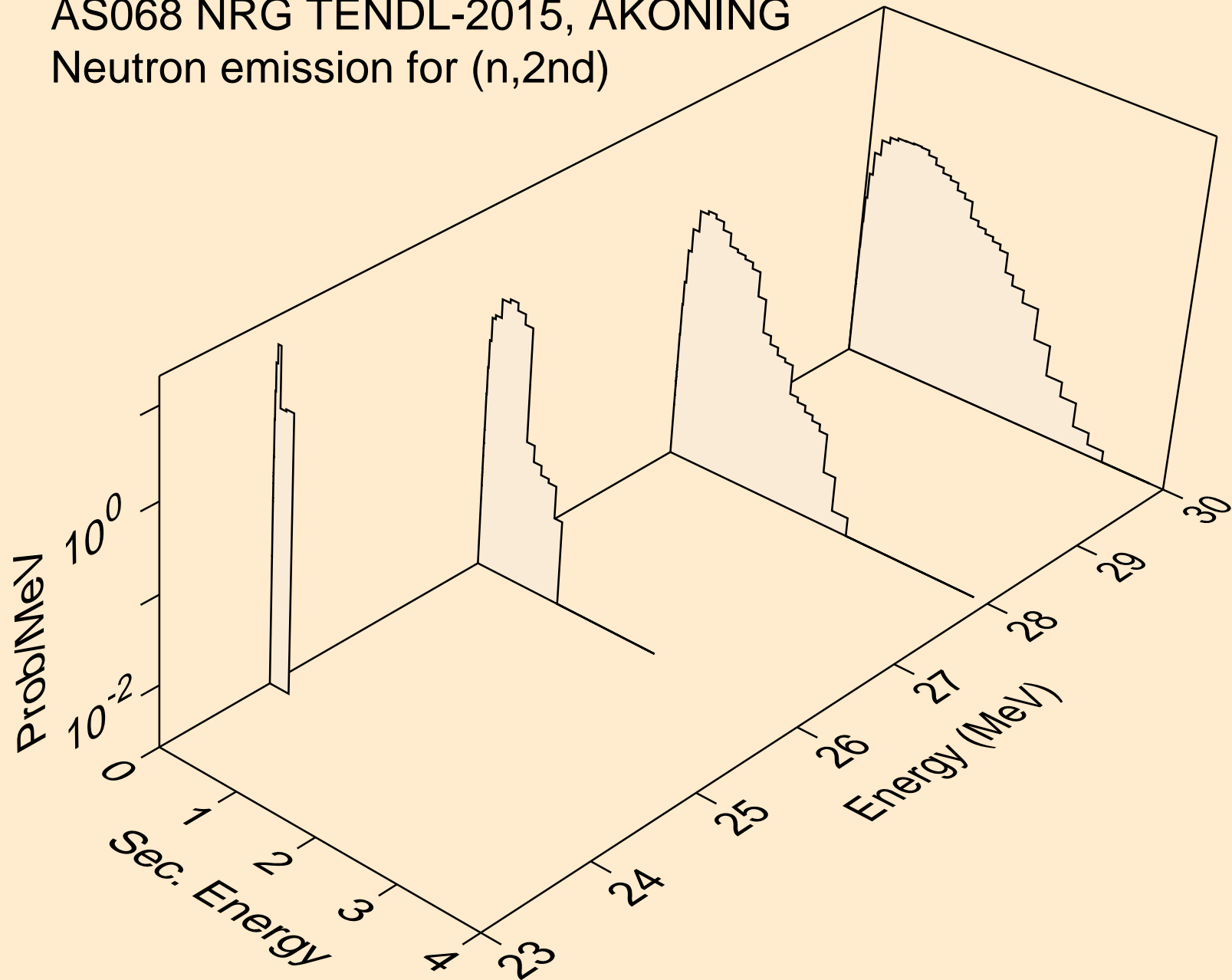
AS068 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



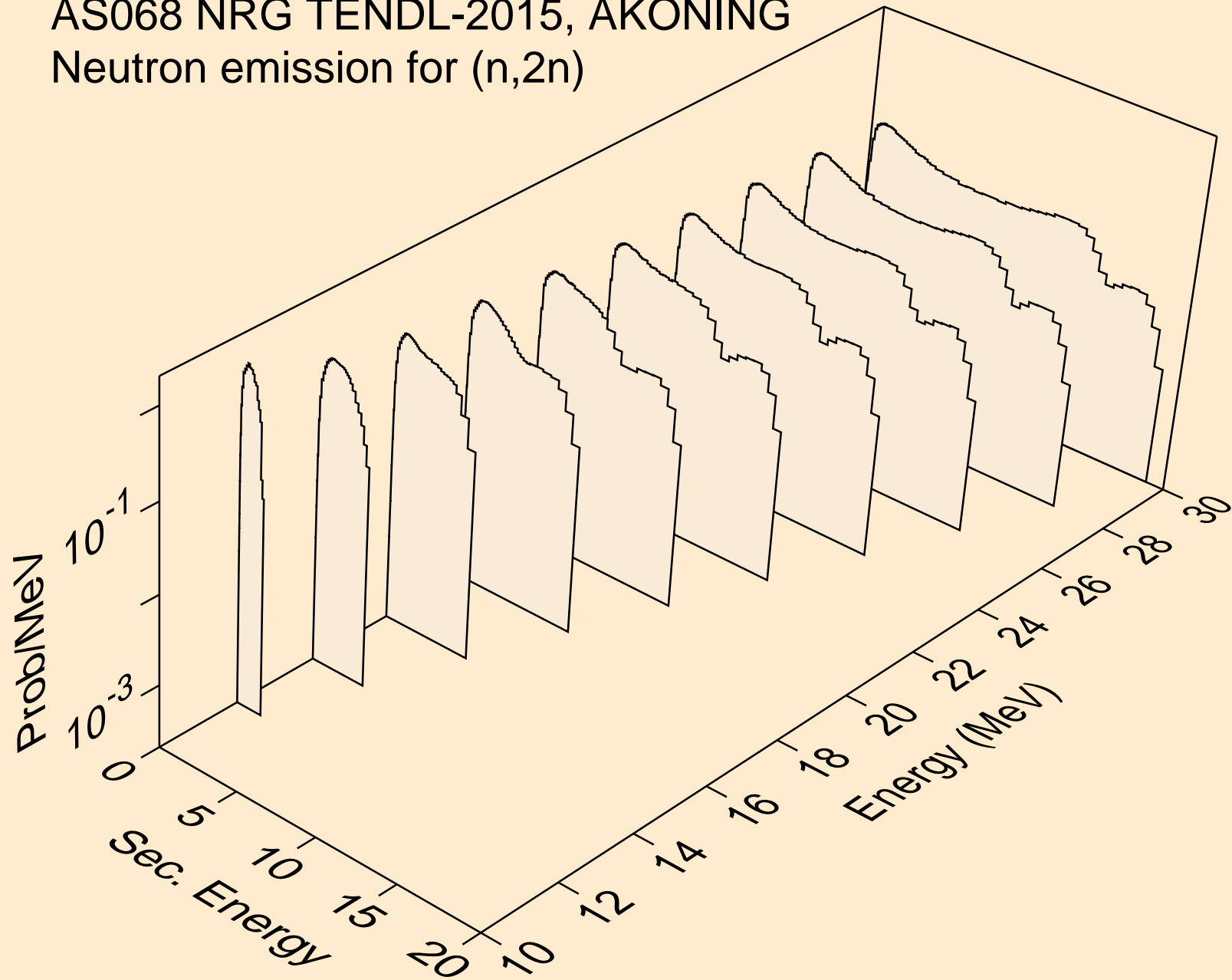
AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



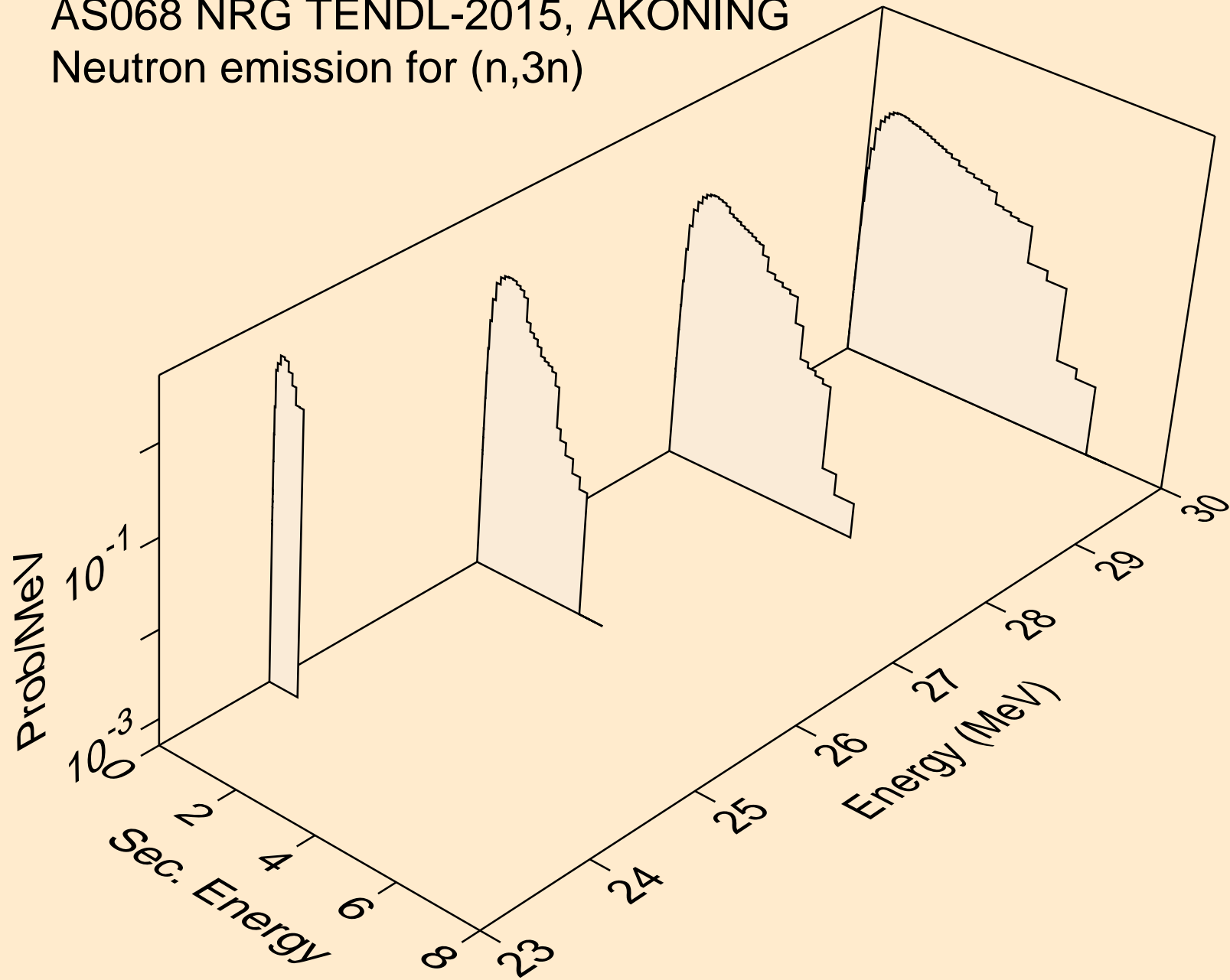
AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



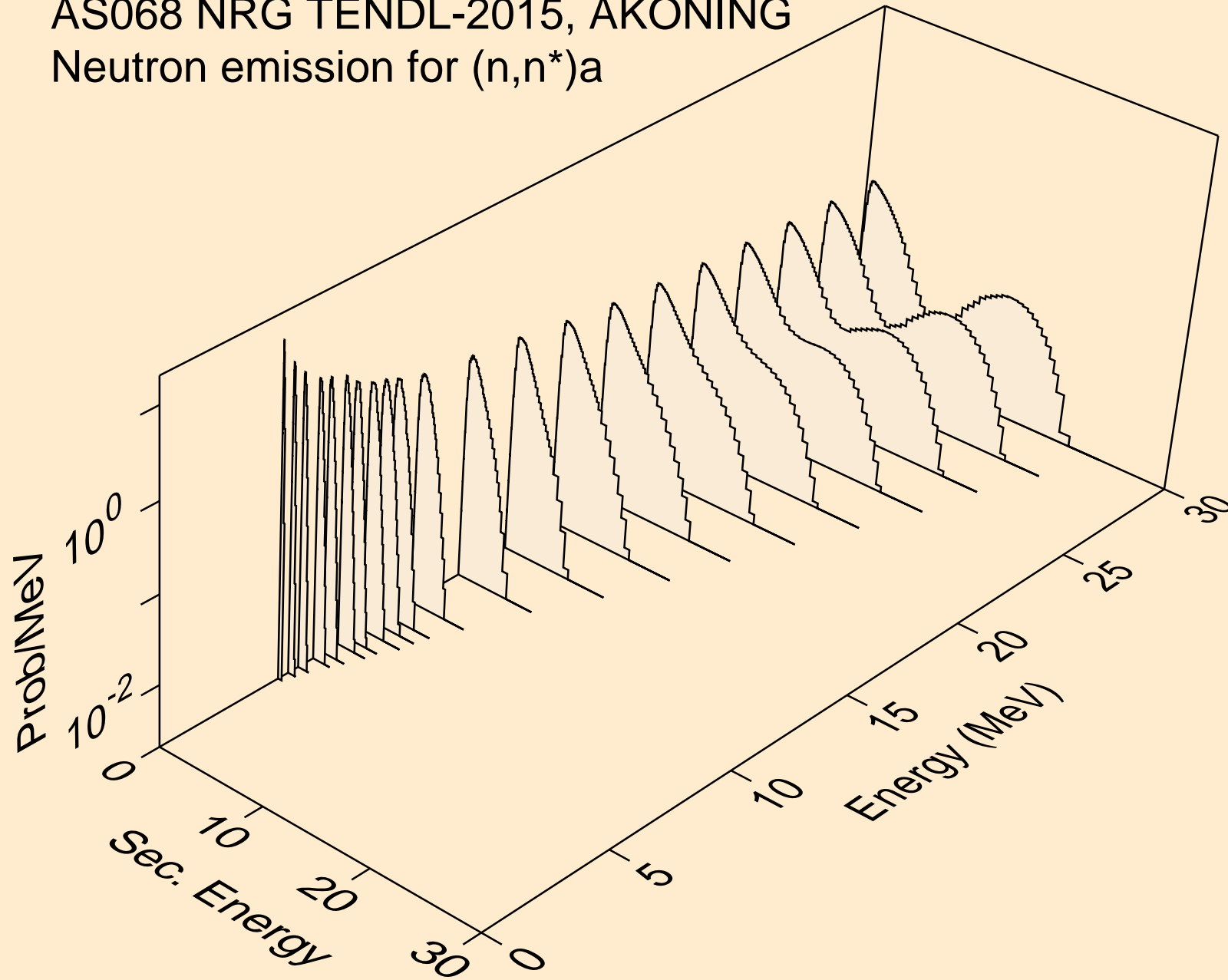
AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



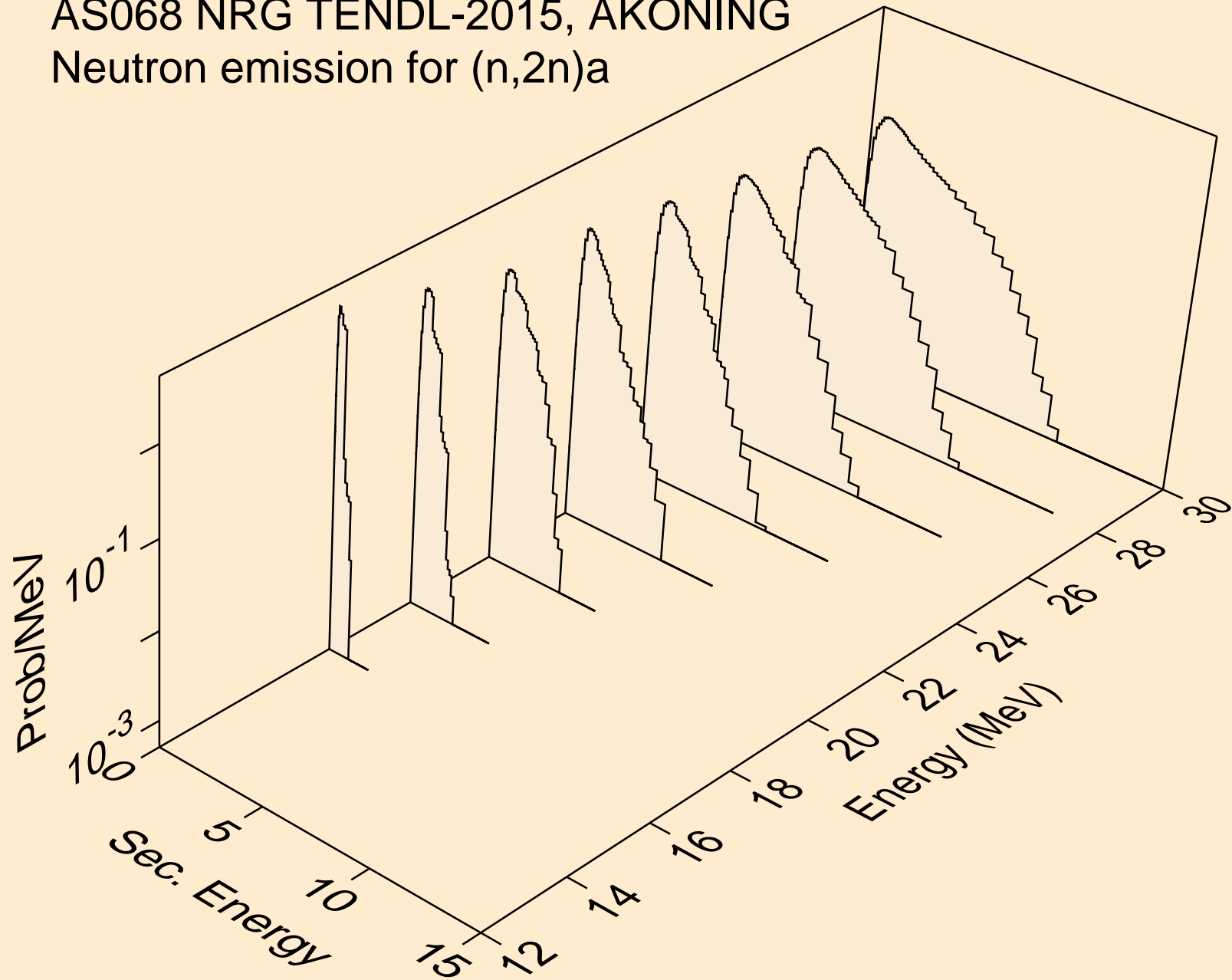
AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



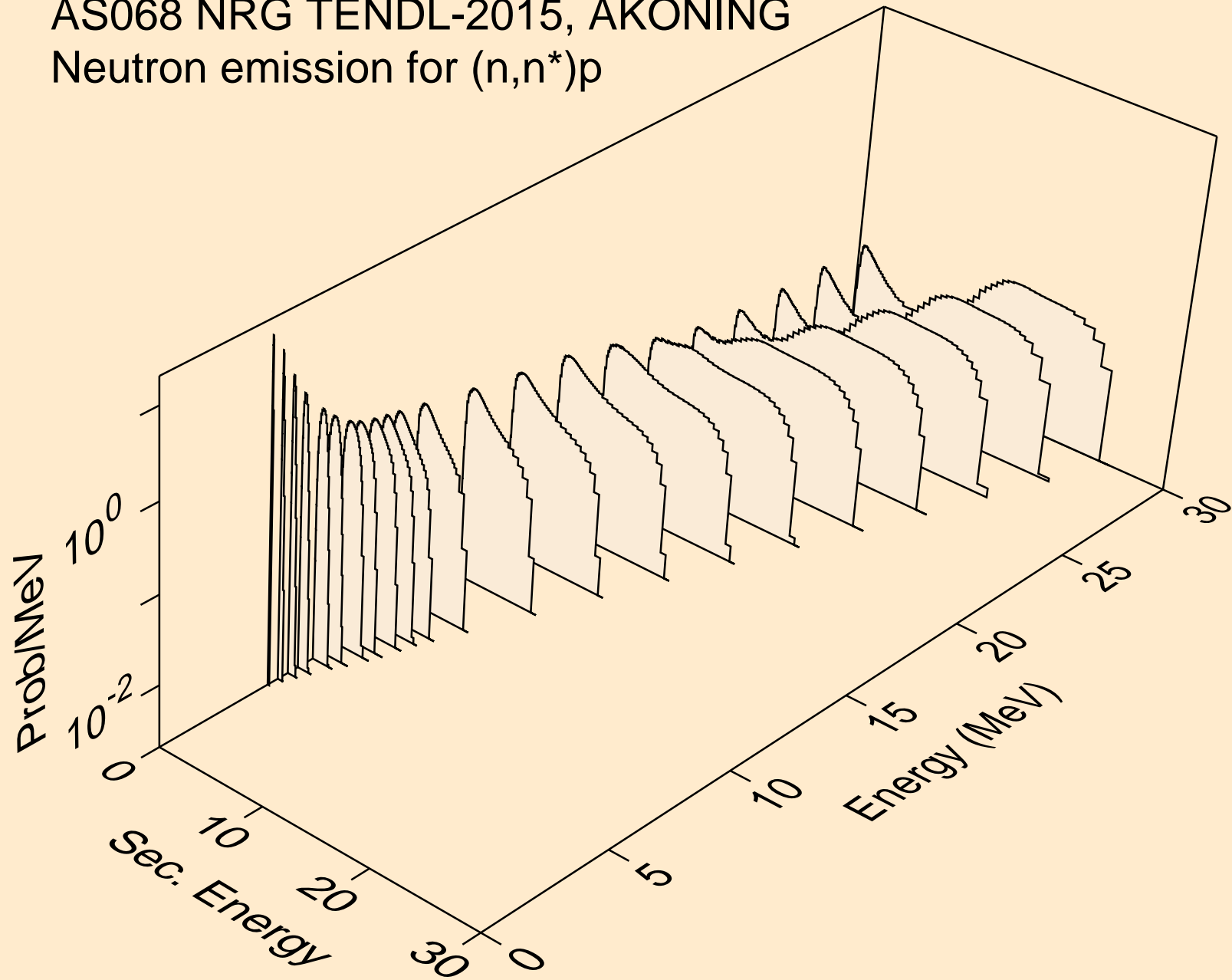
AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

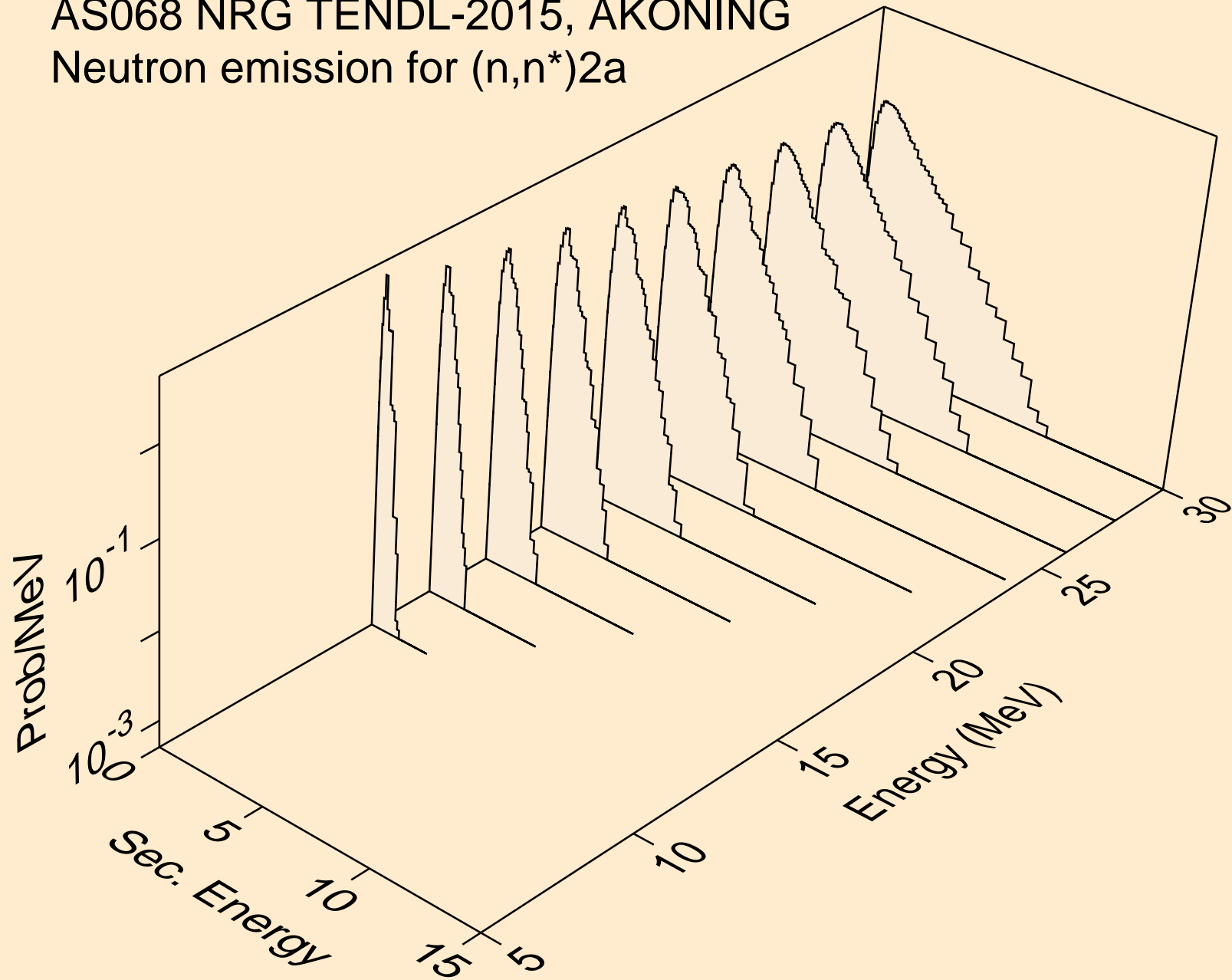


AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

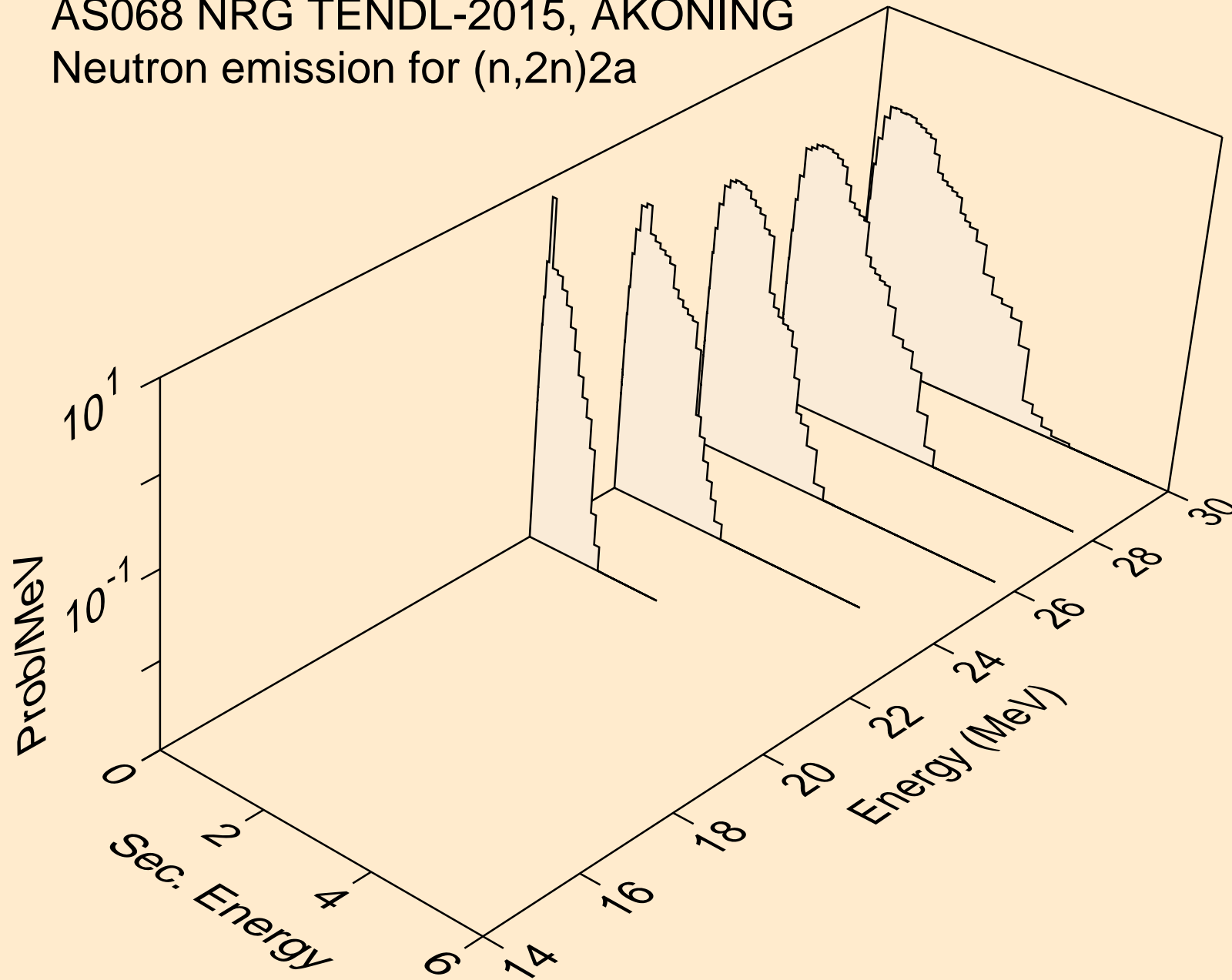




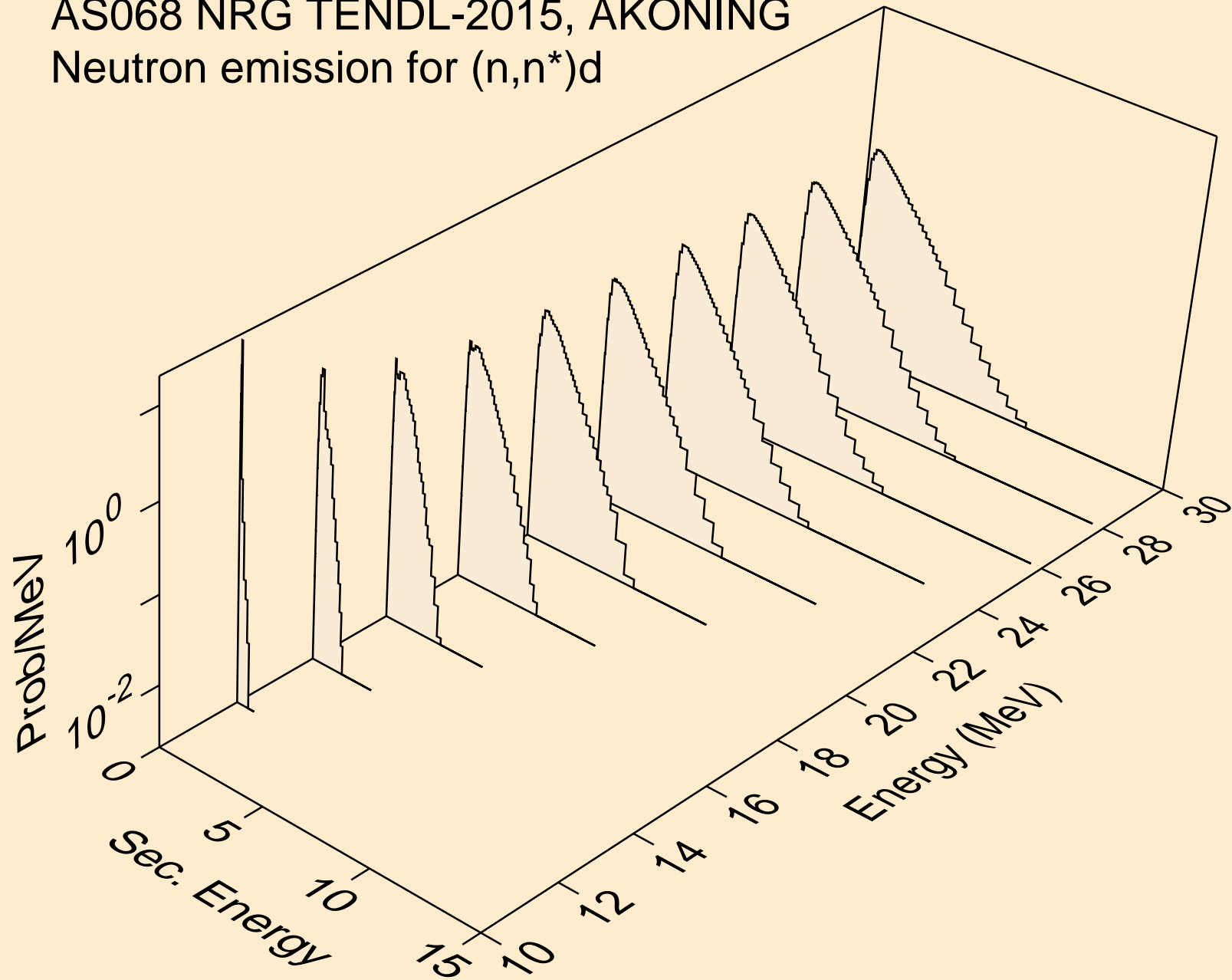
AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



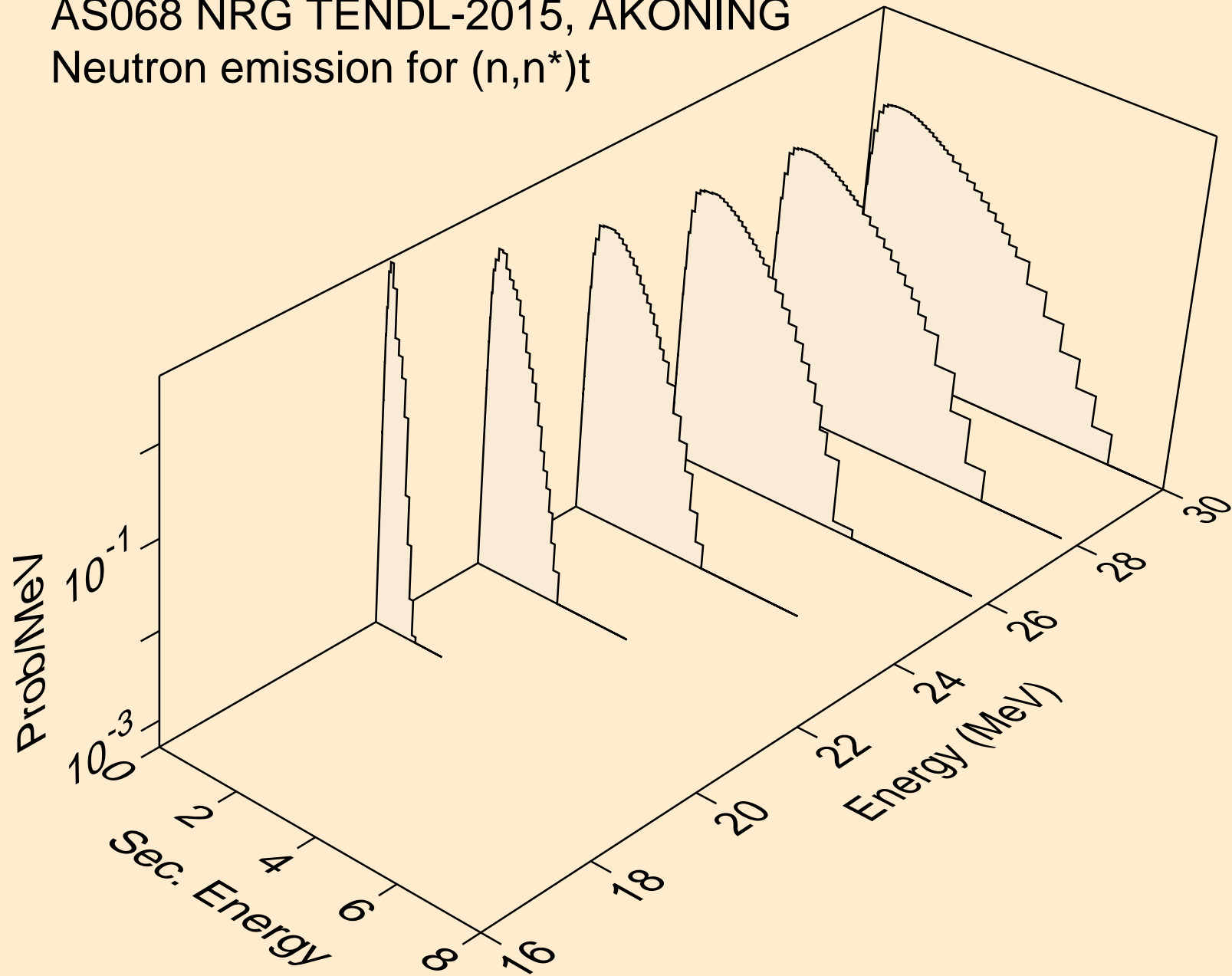
AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



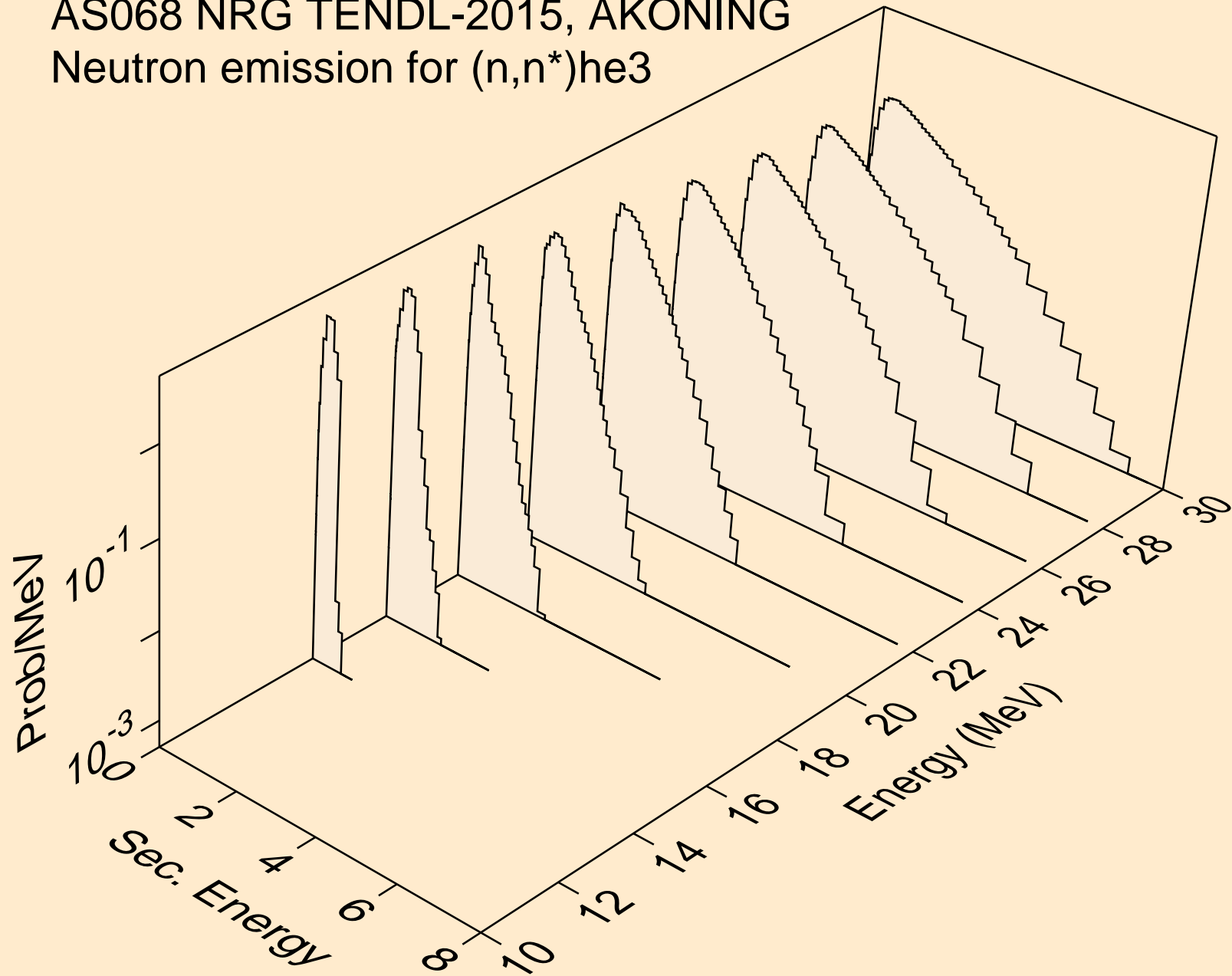
AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



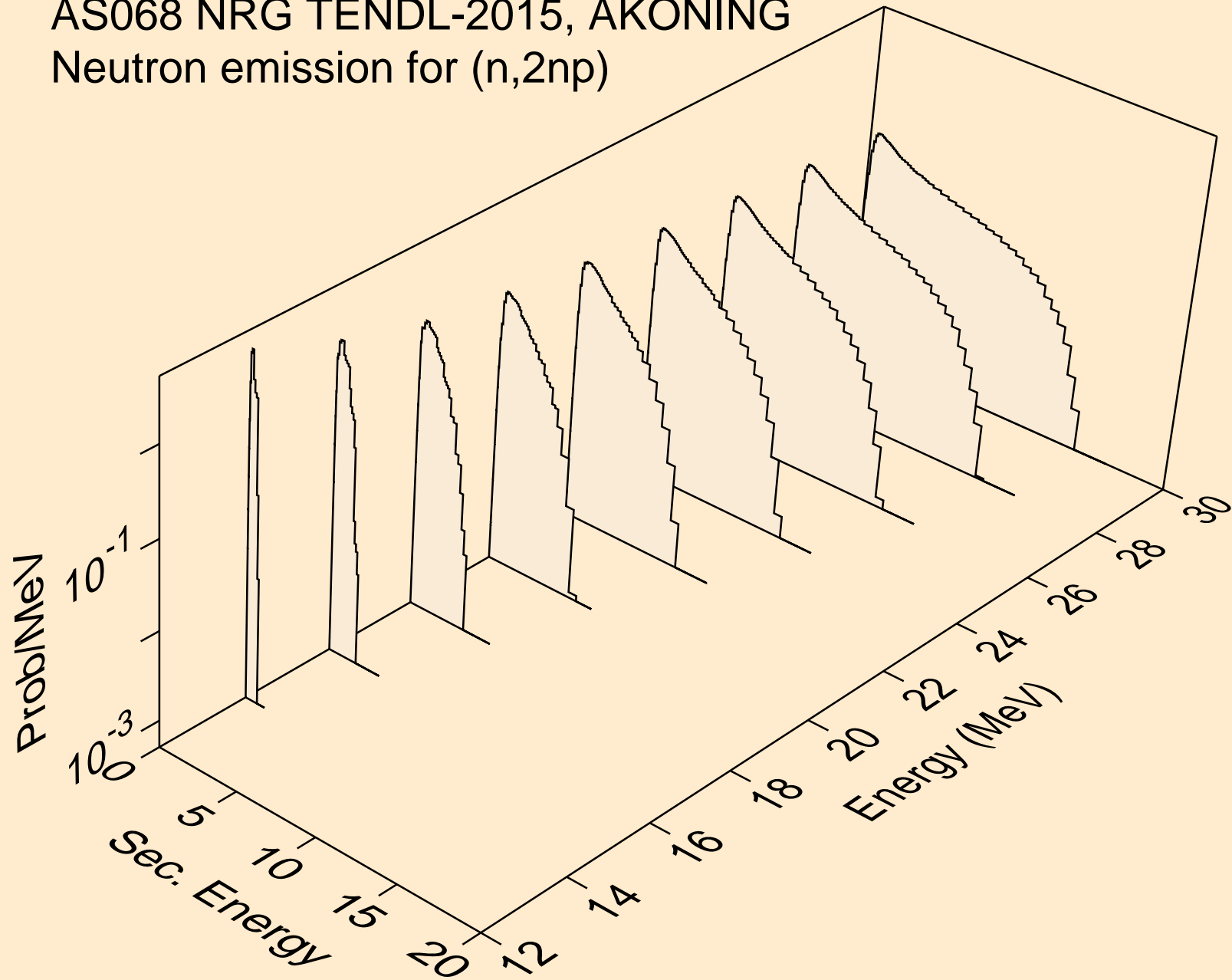
AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



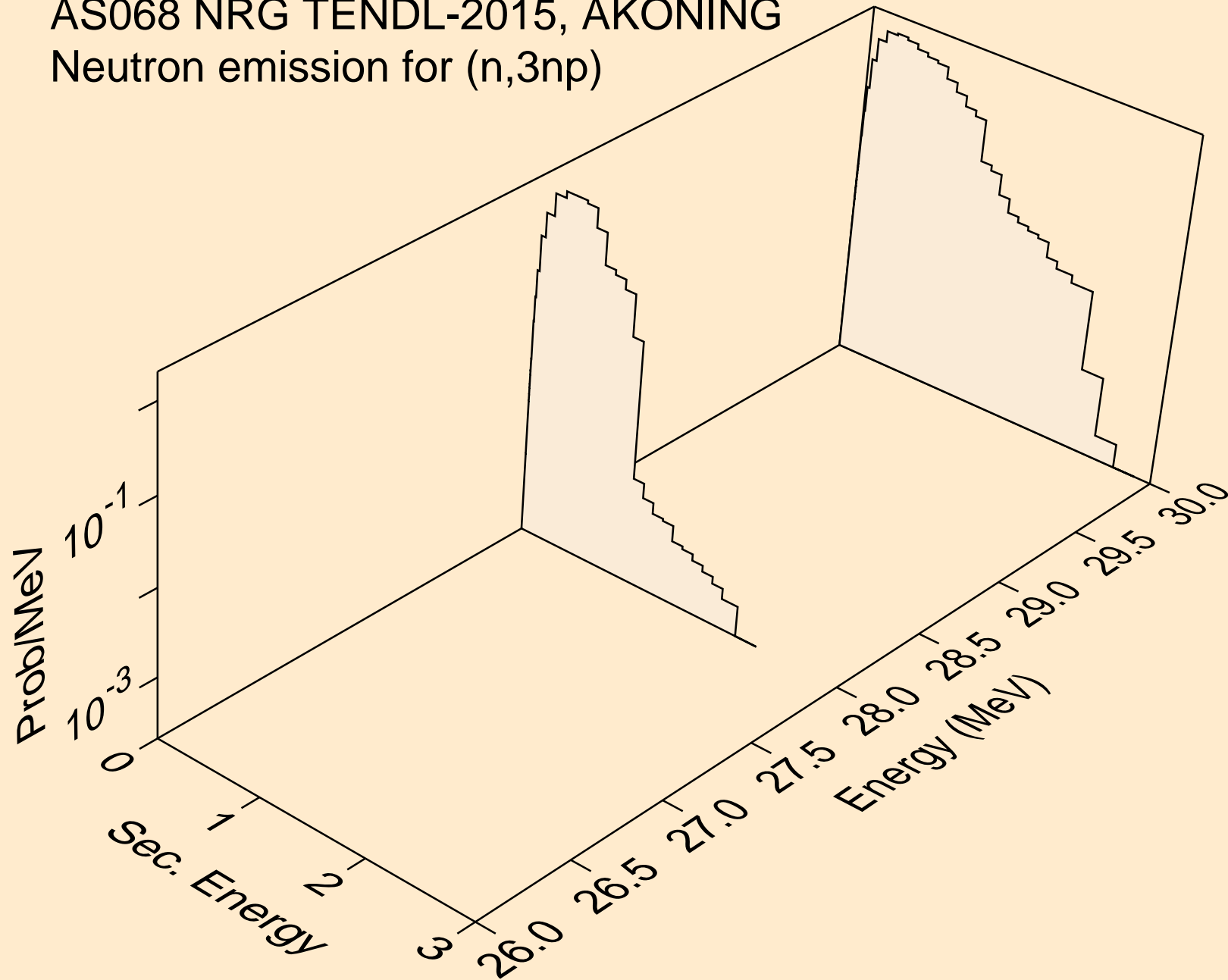
AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



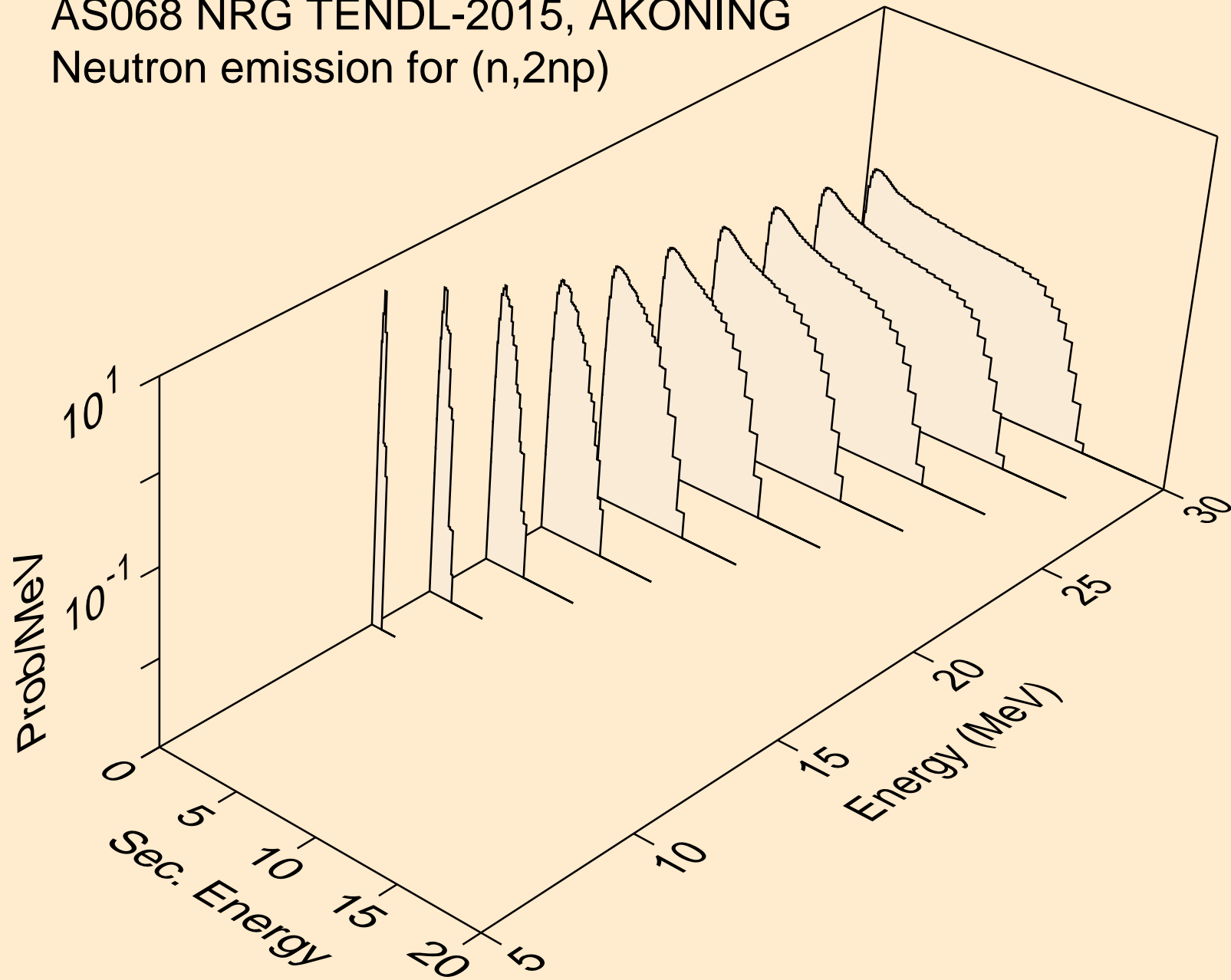
AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

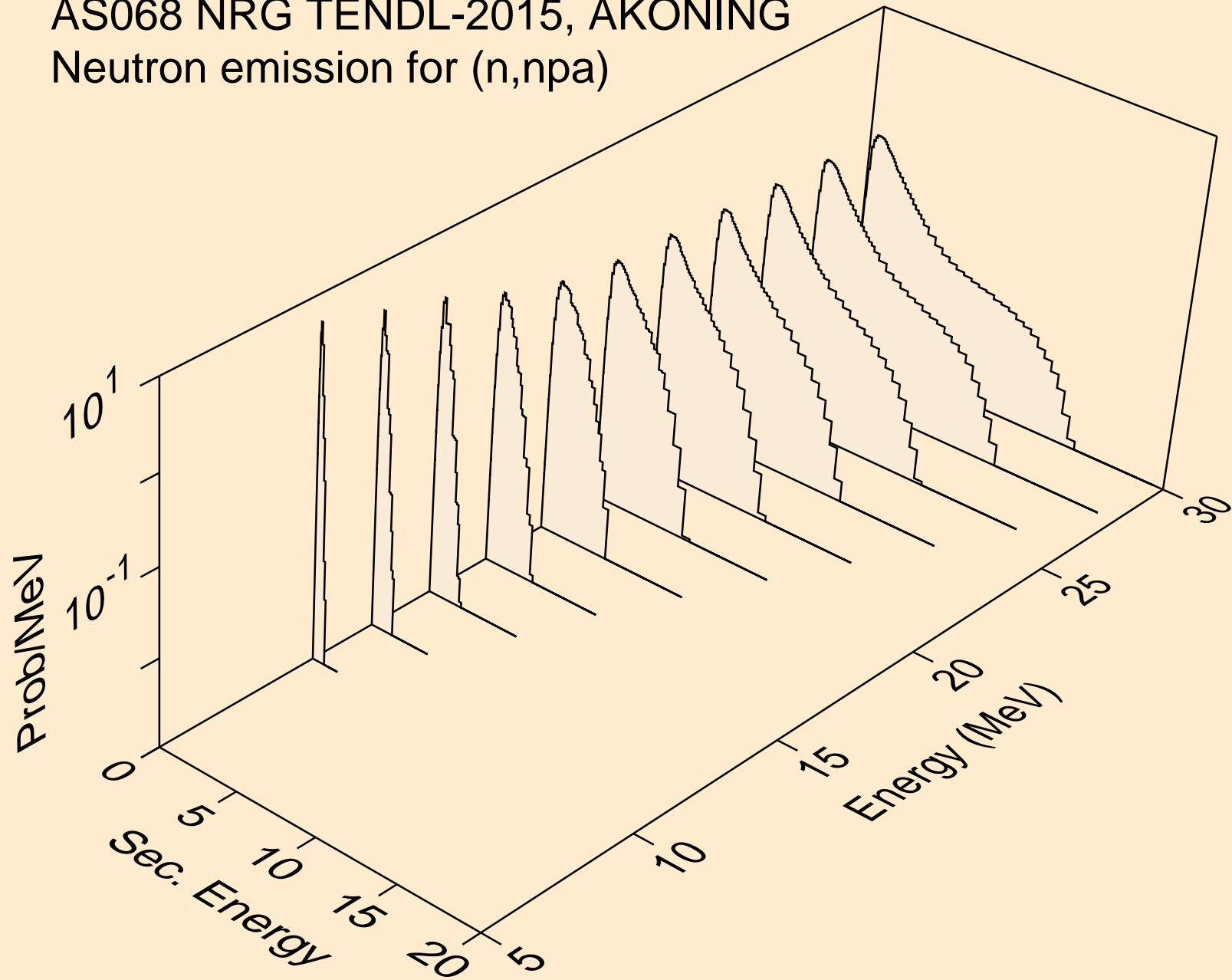


AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

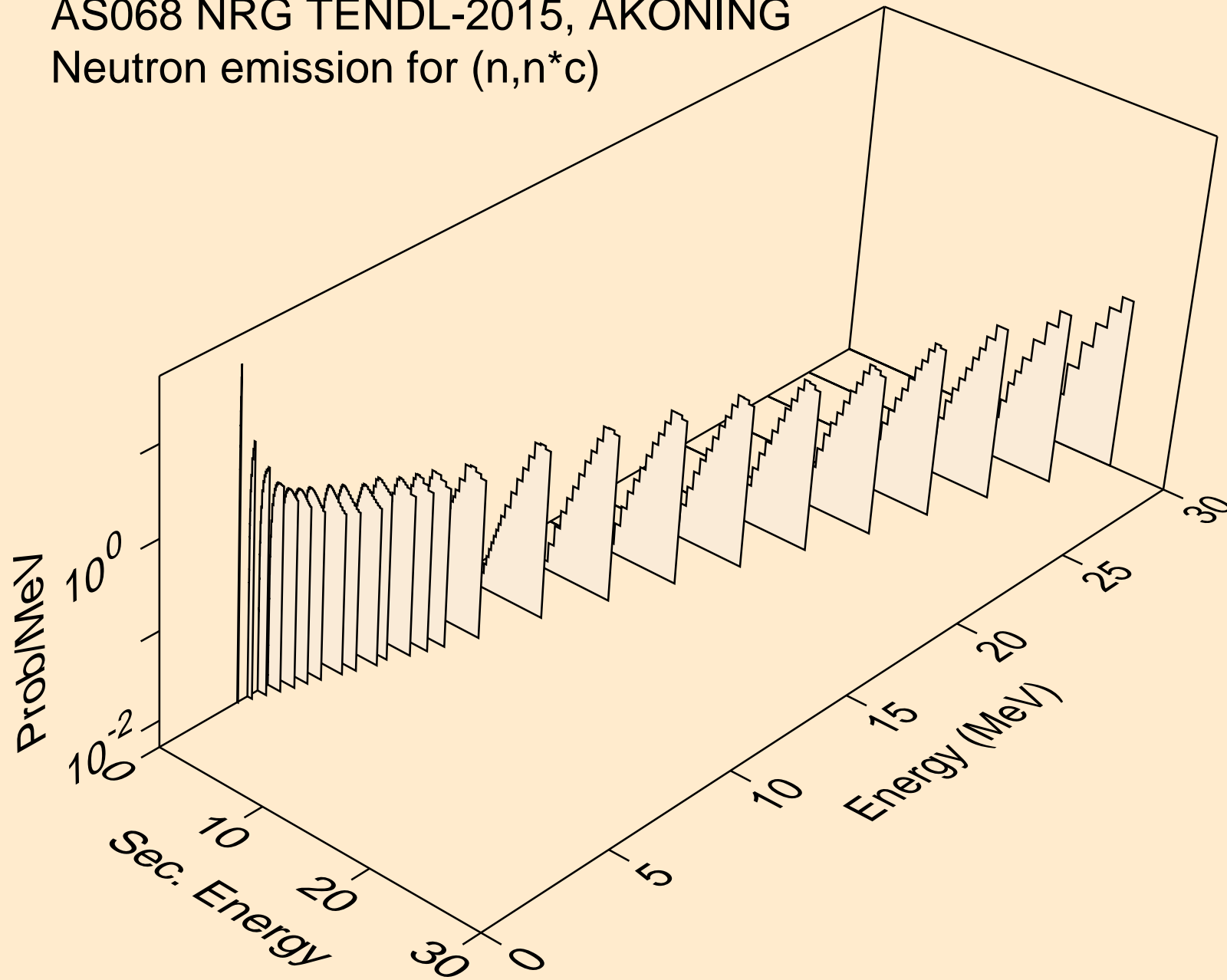




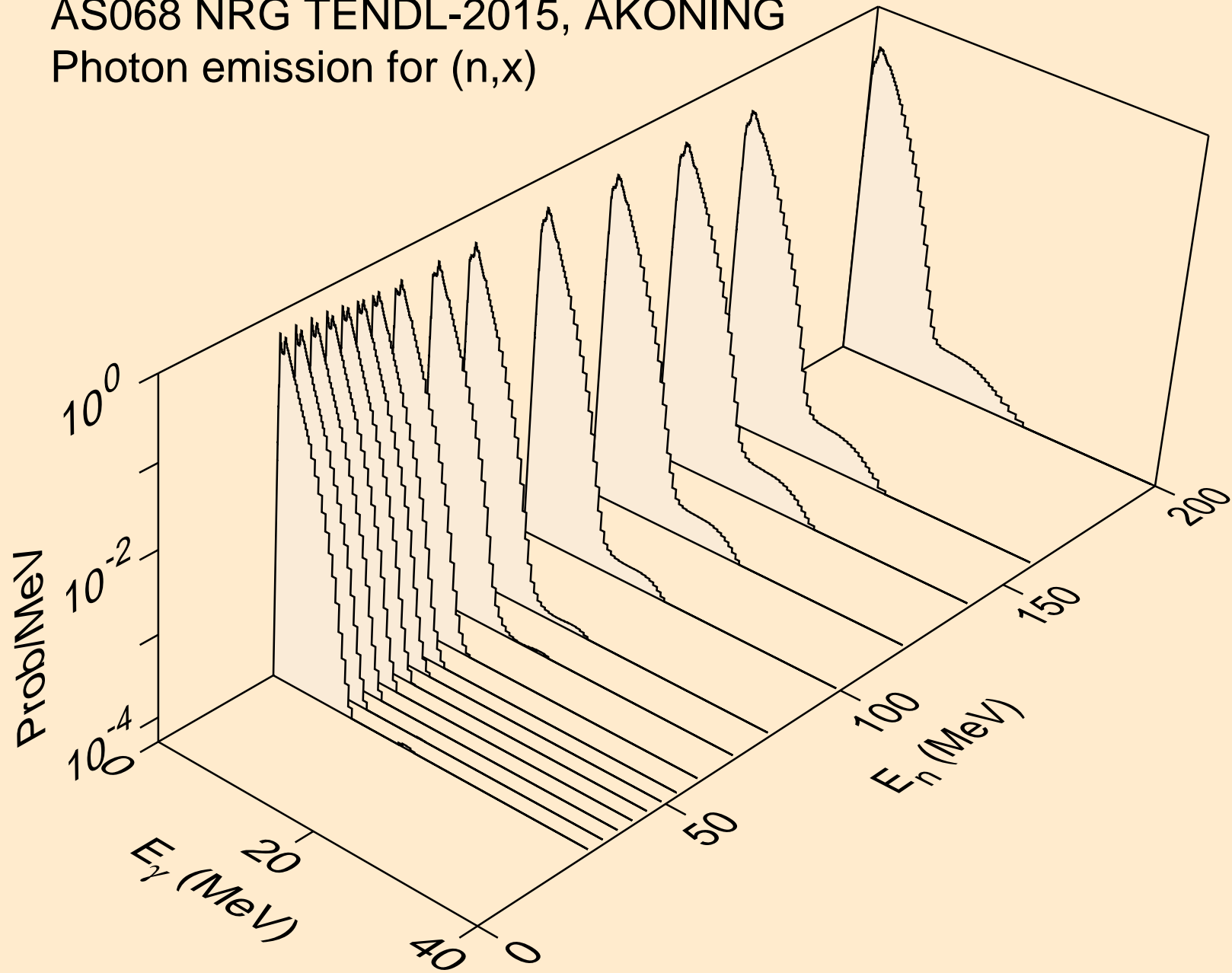
AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



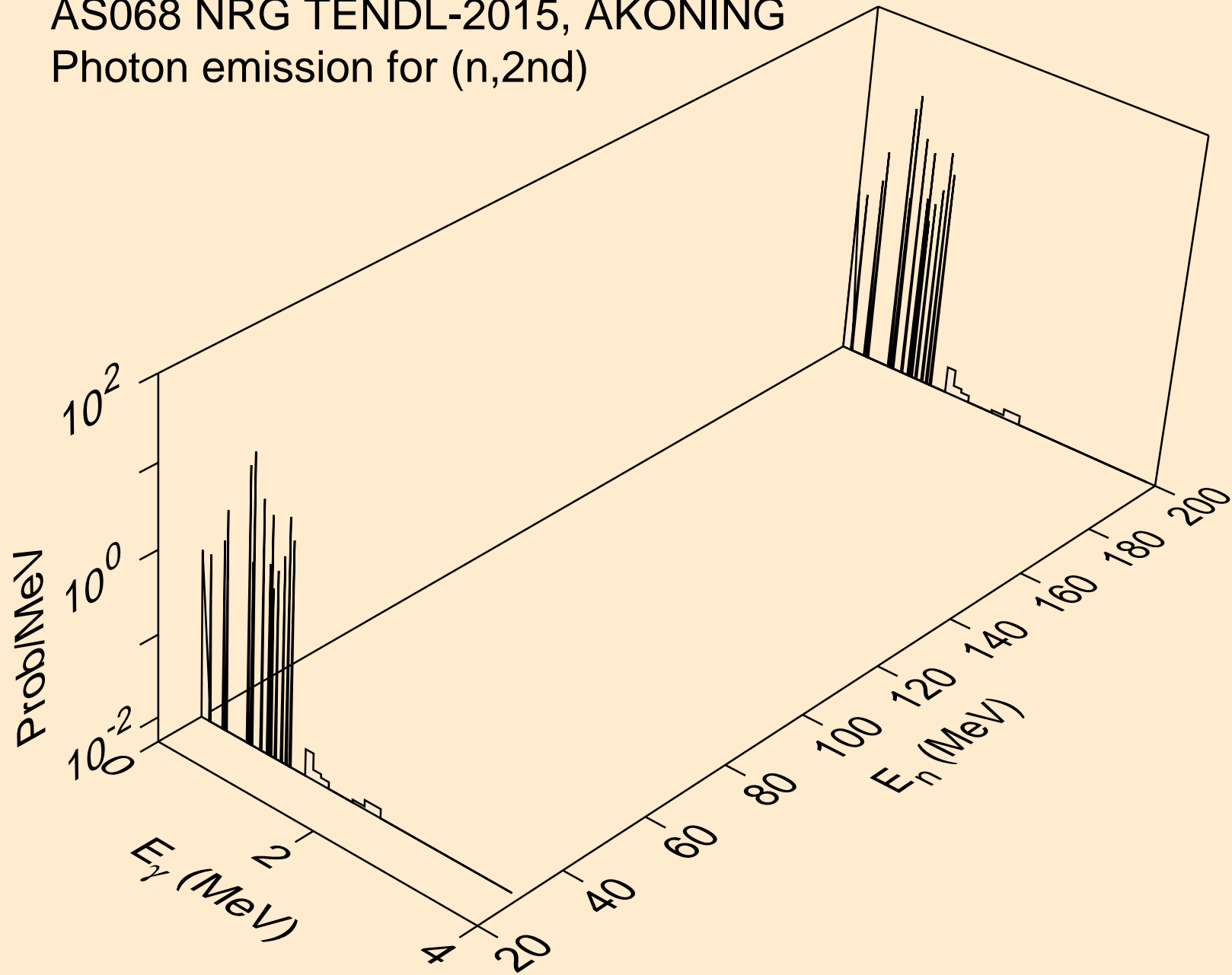
AS068 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



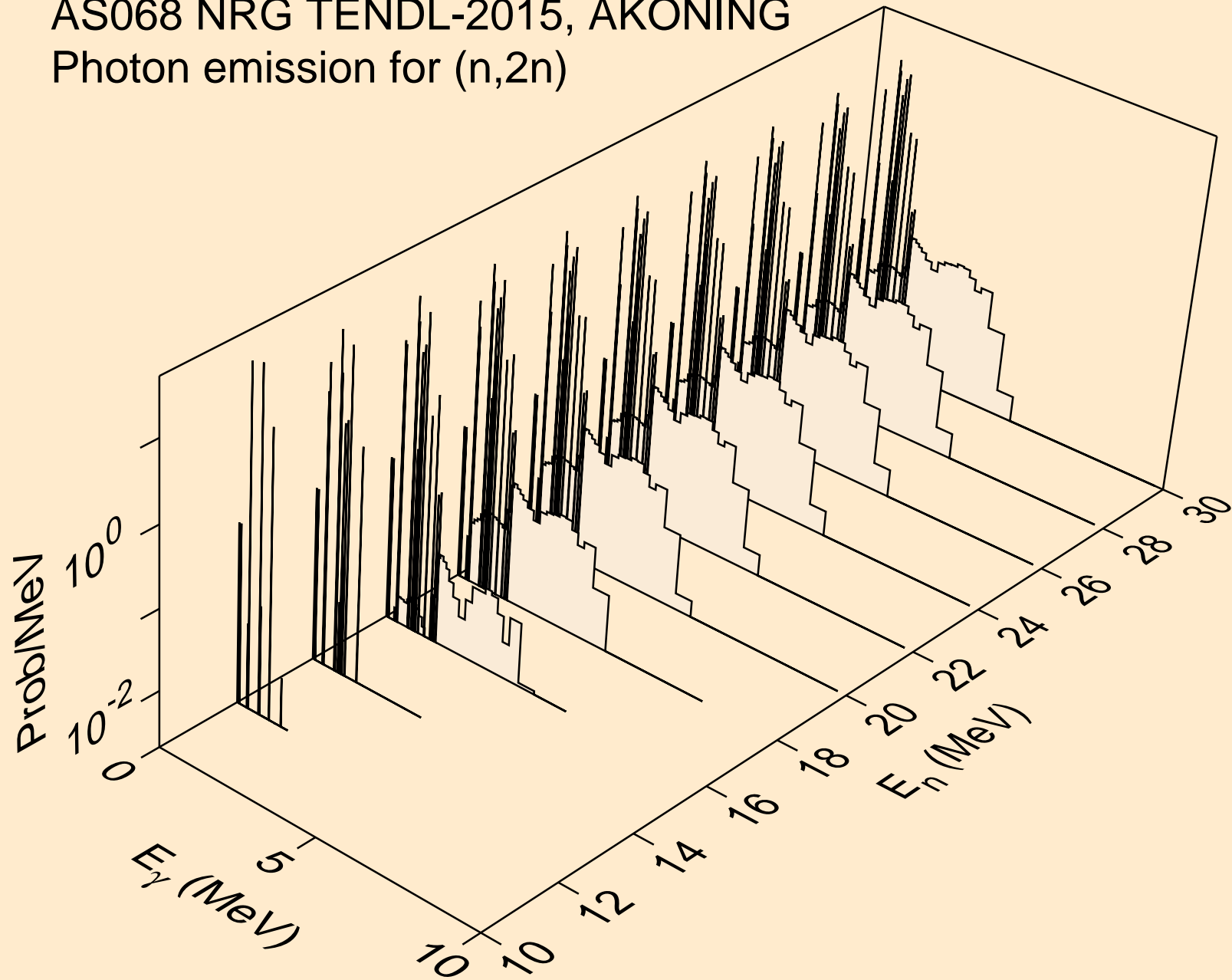
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



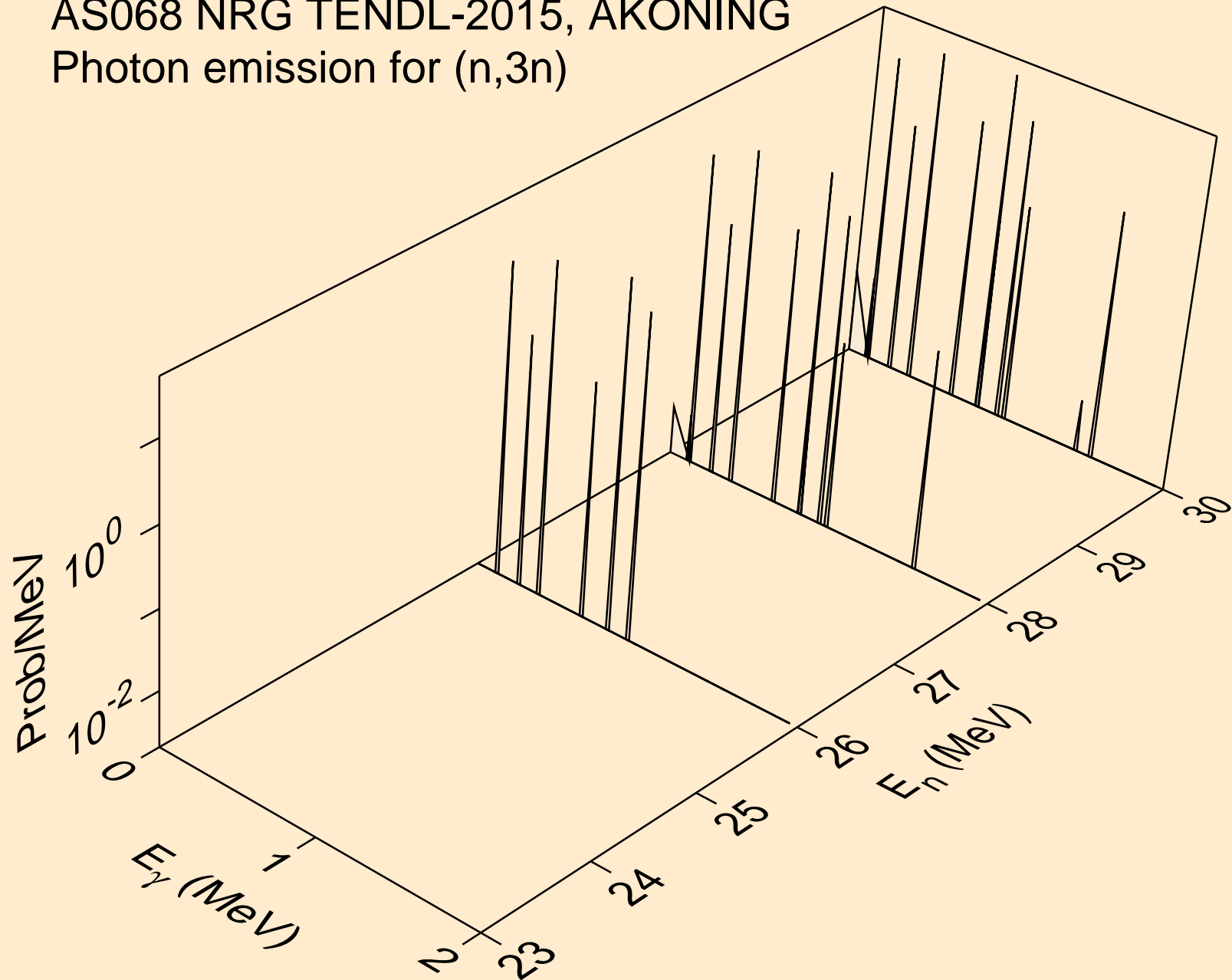
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



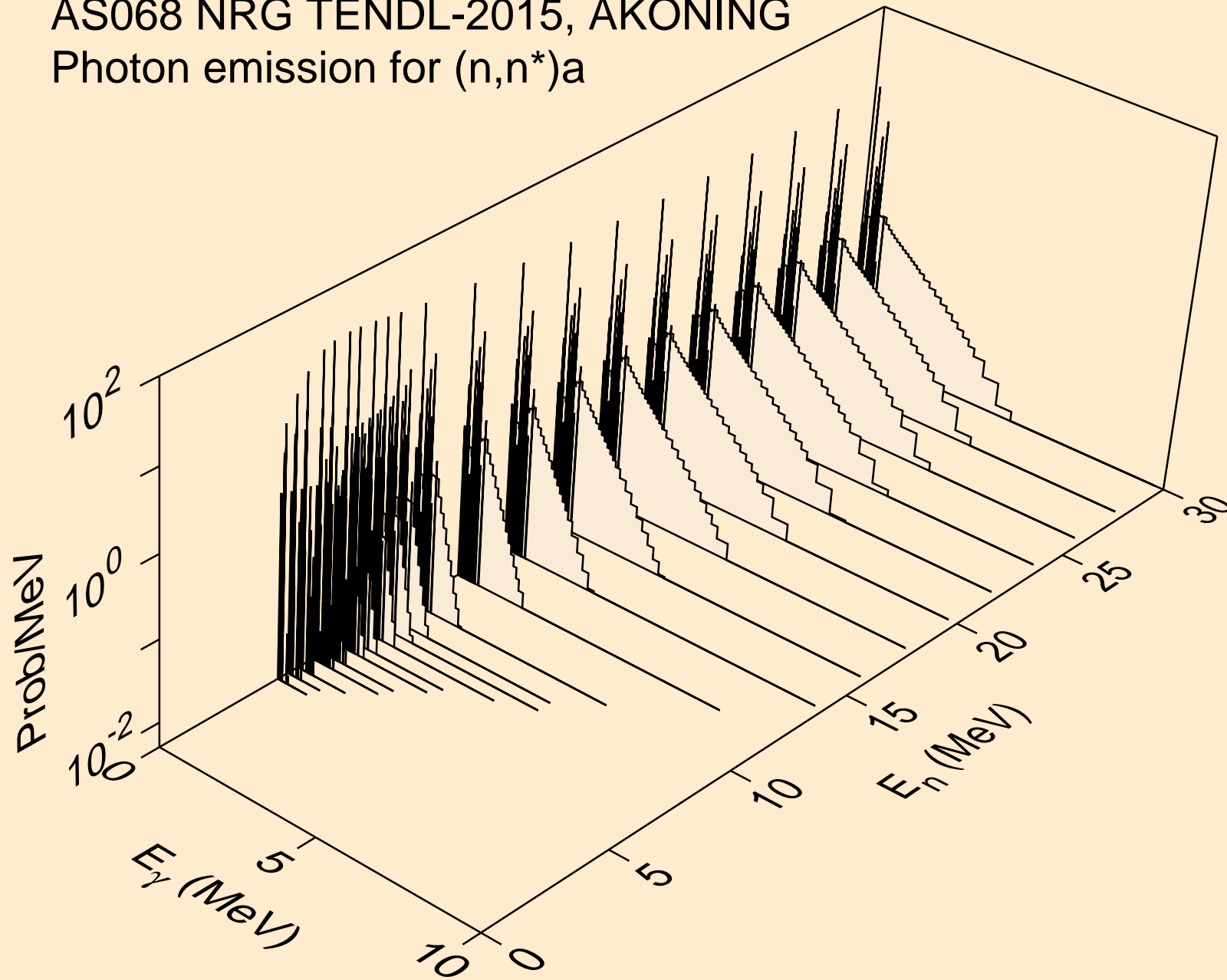
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



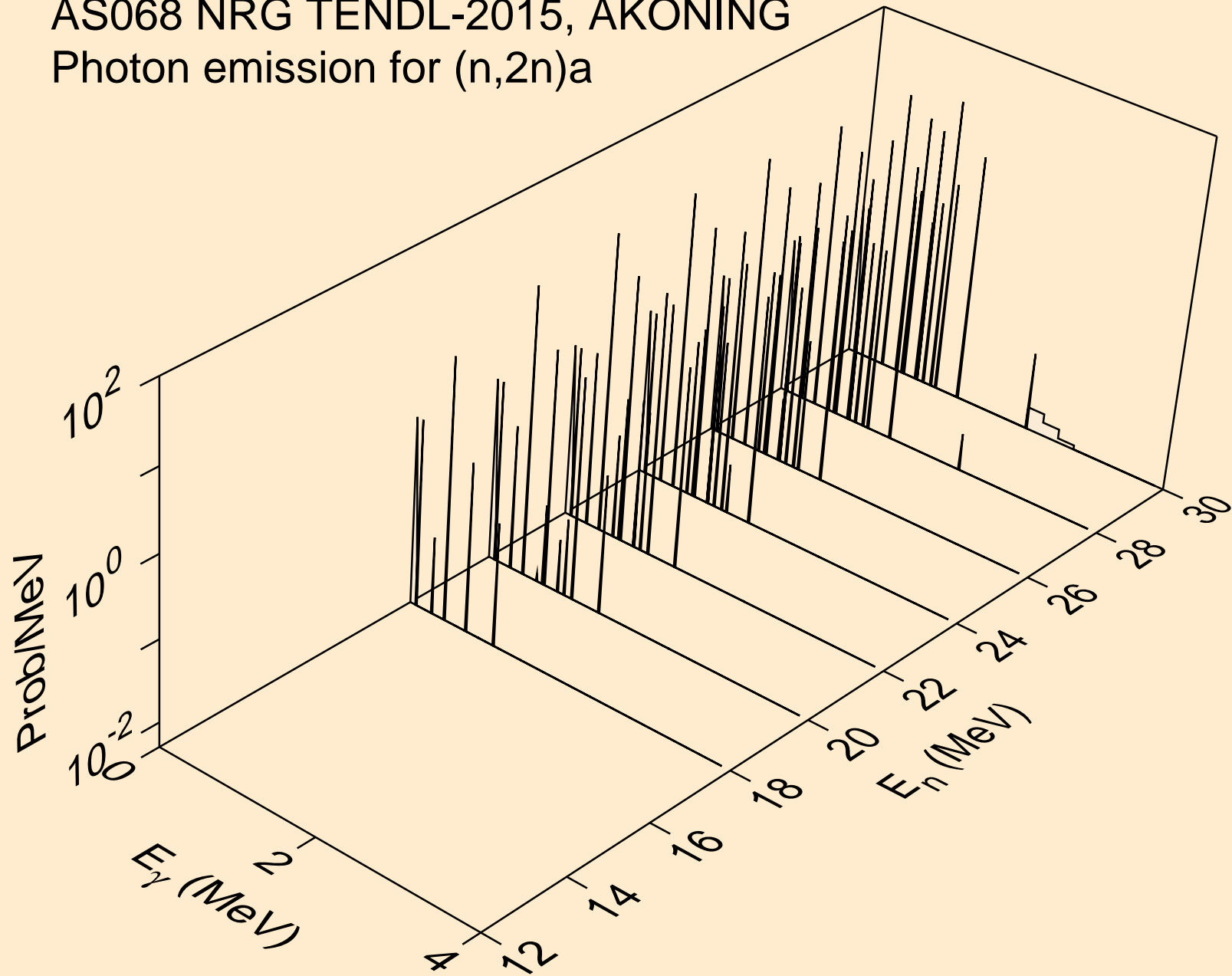
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

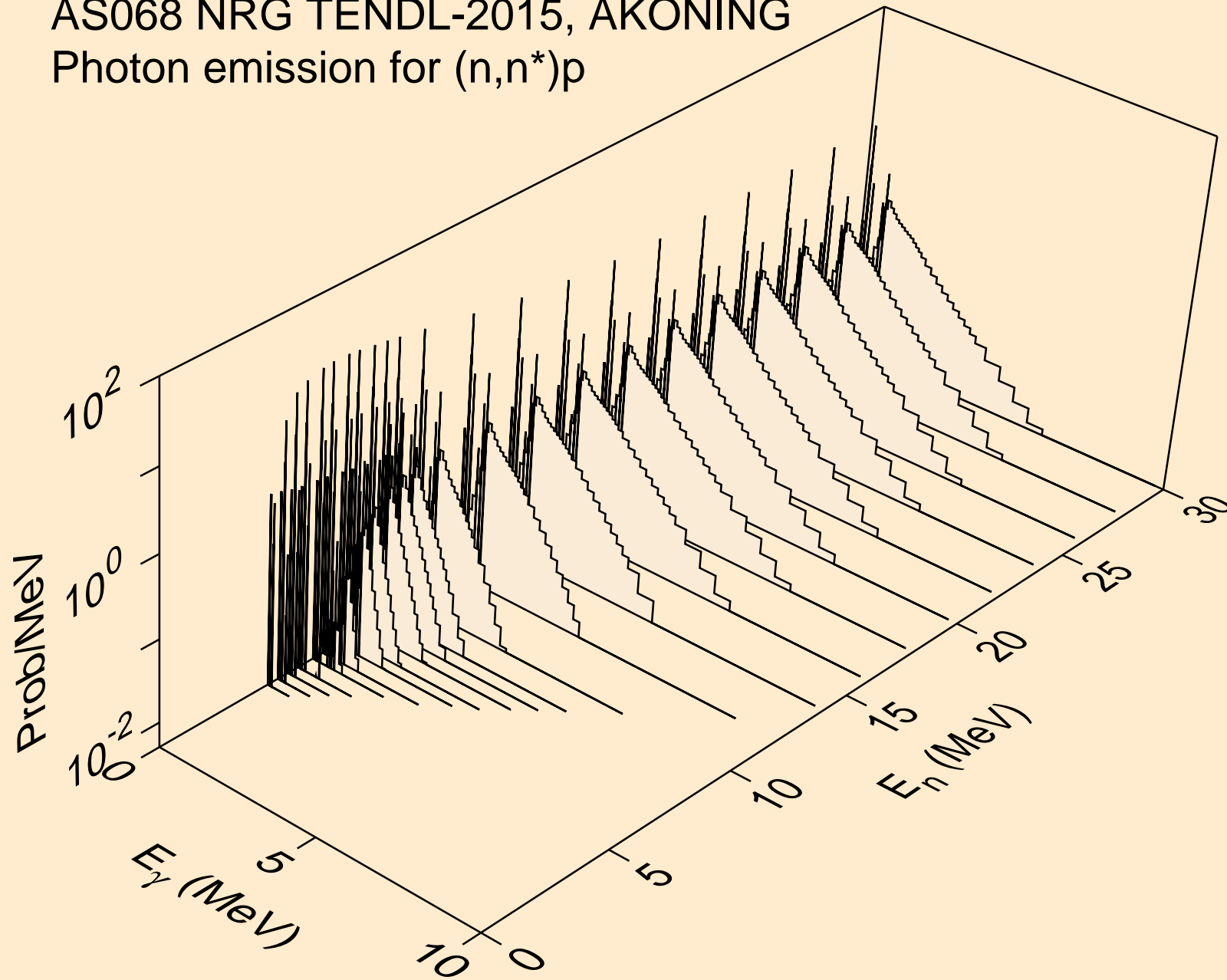


AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

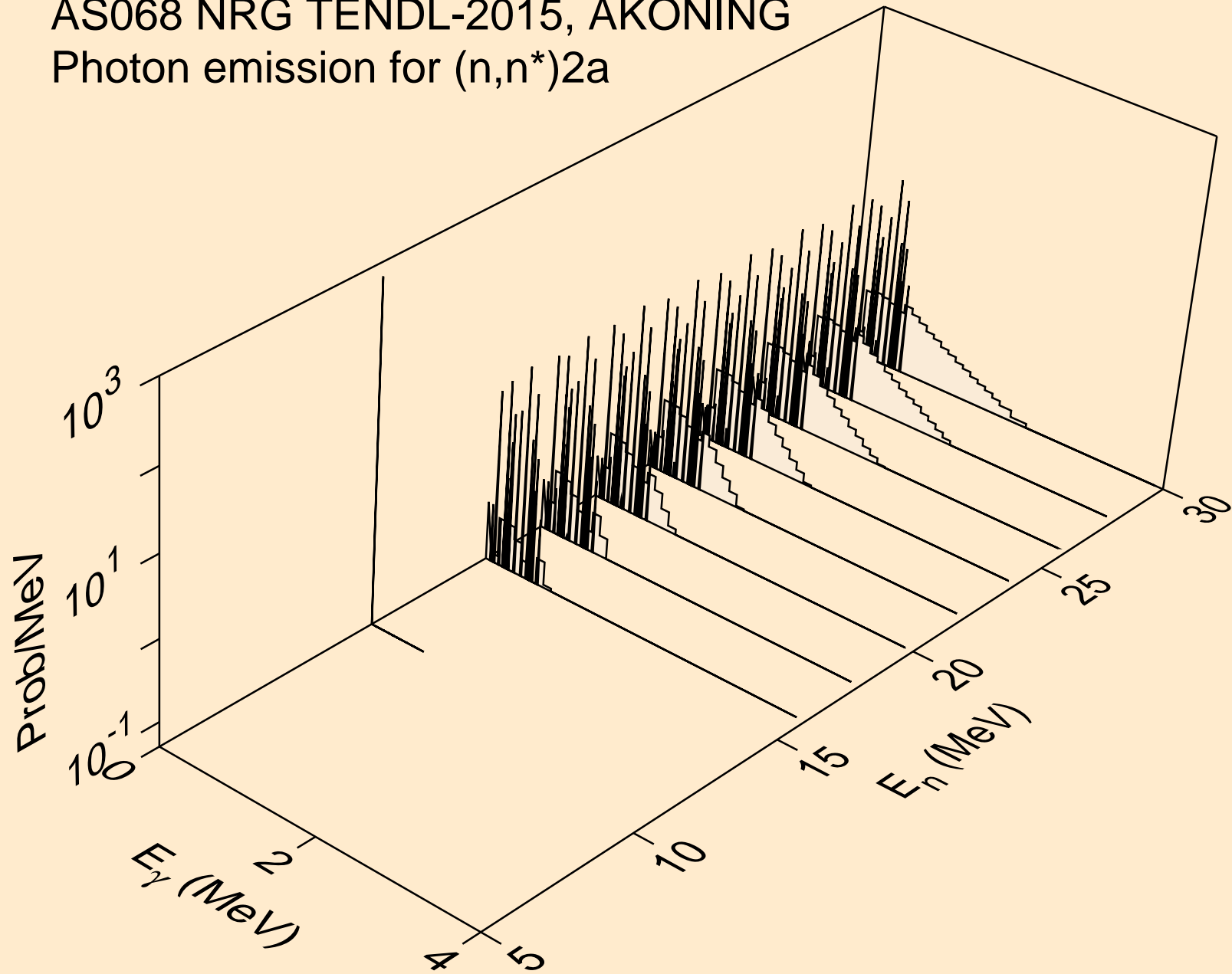




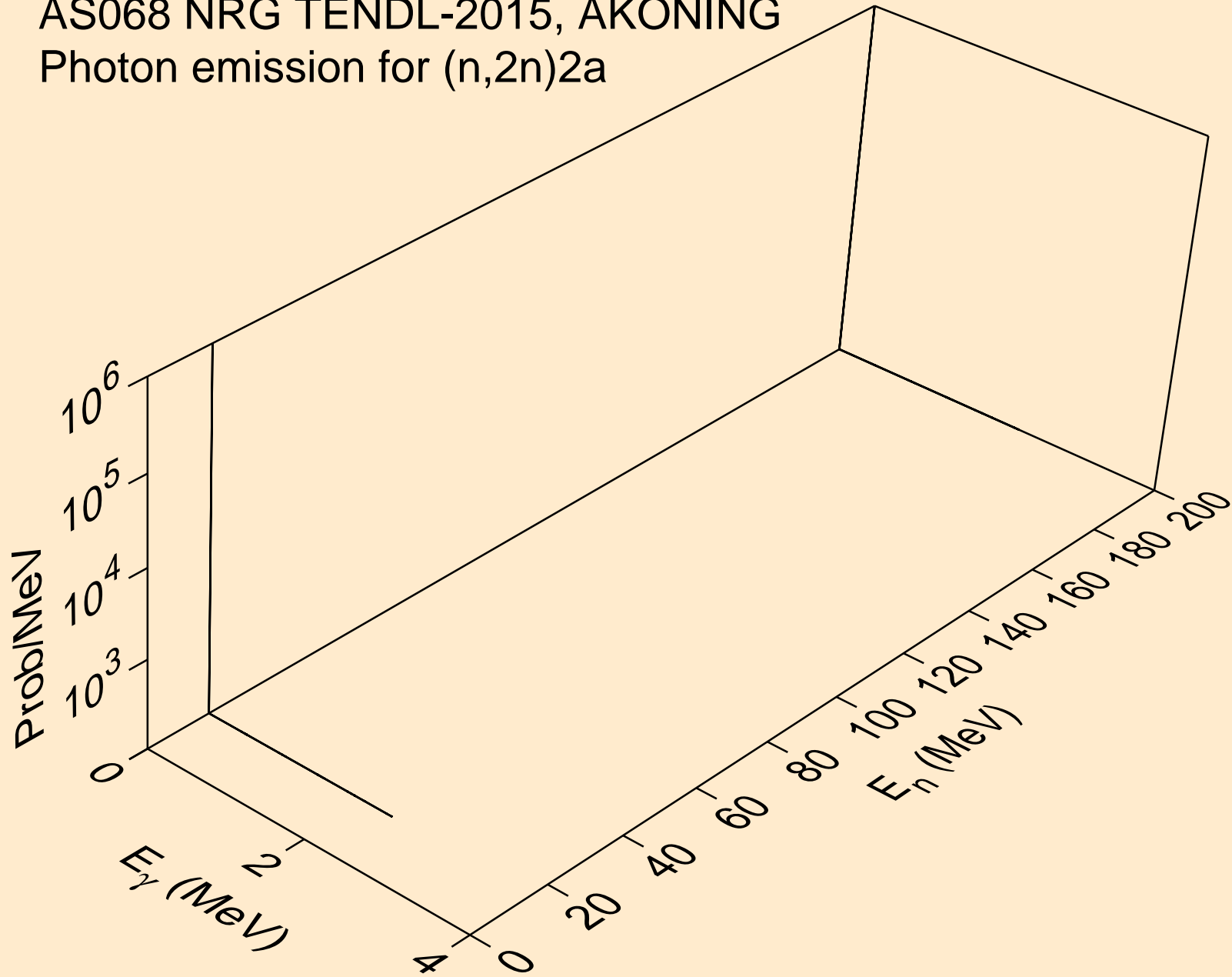
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



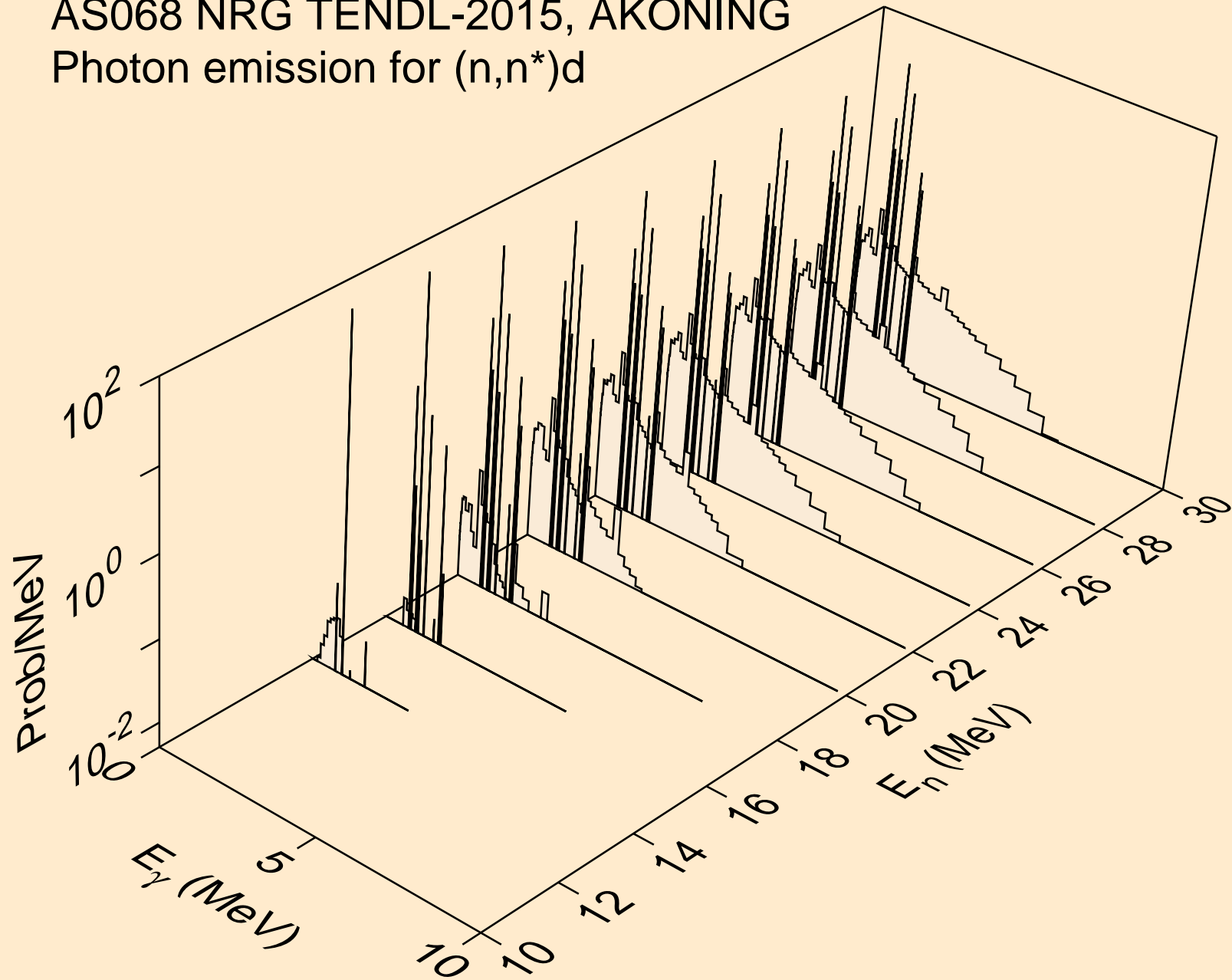
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



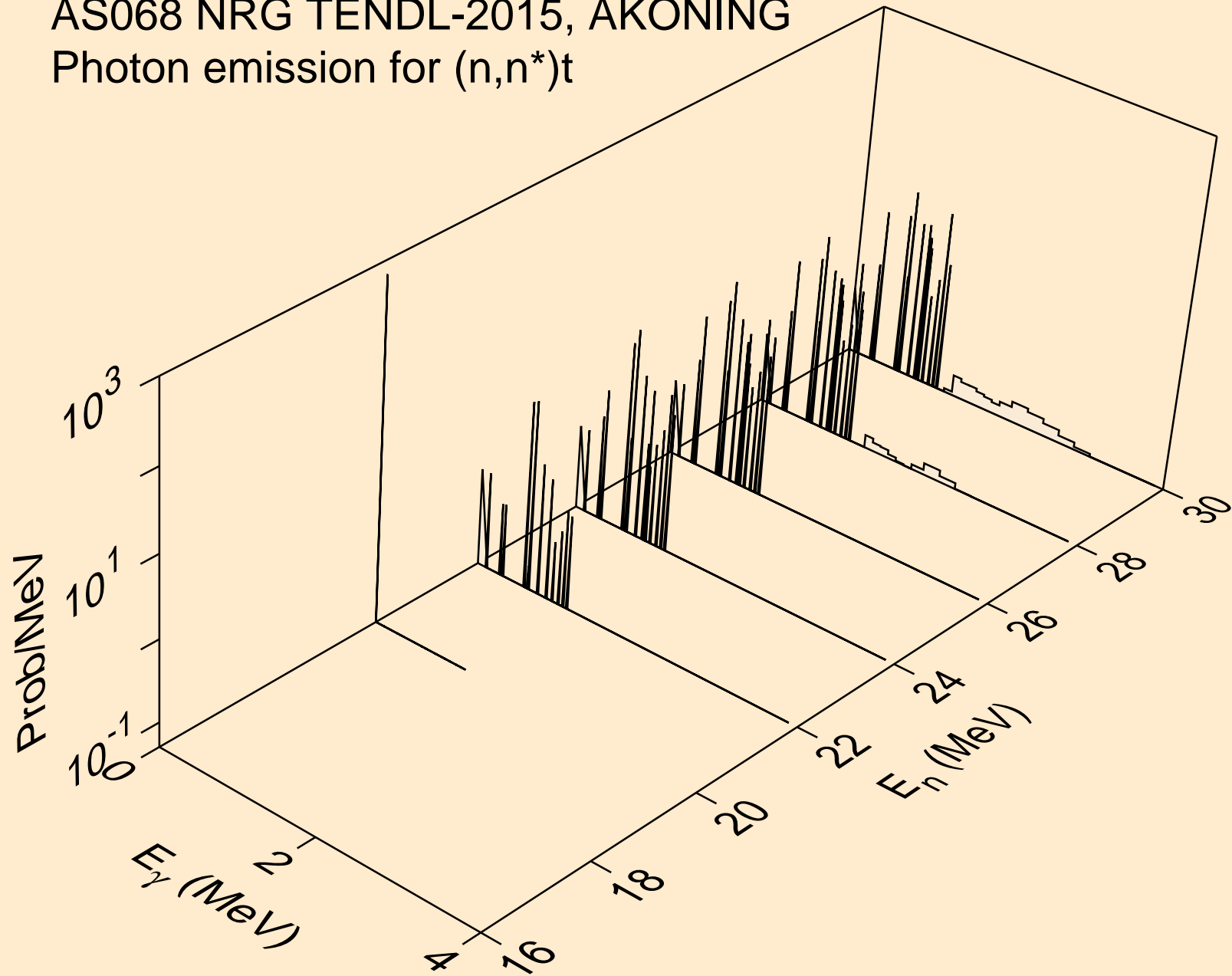
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



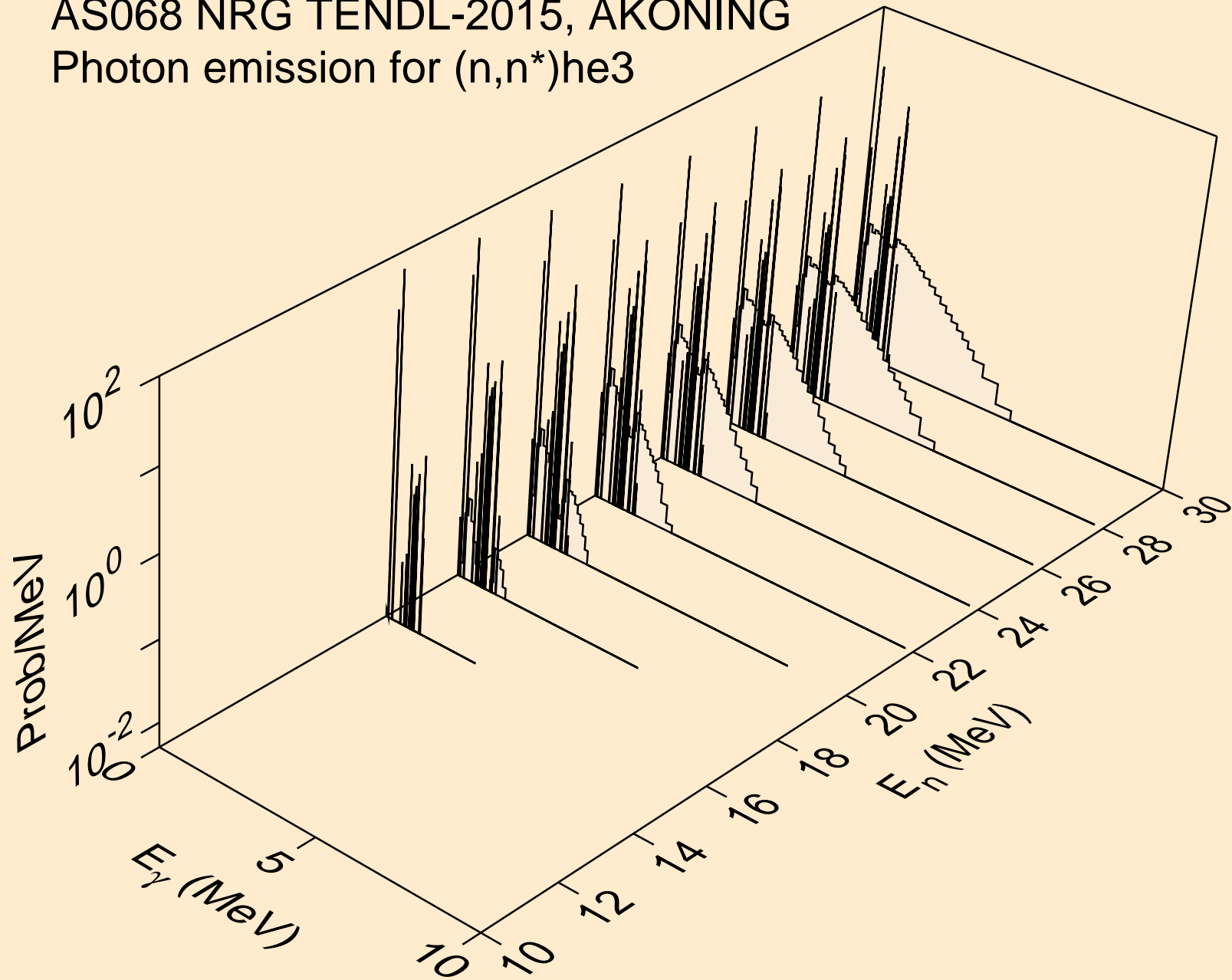
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



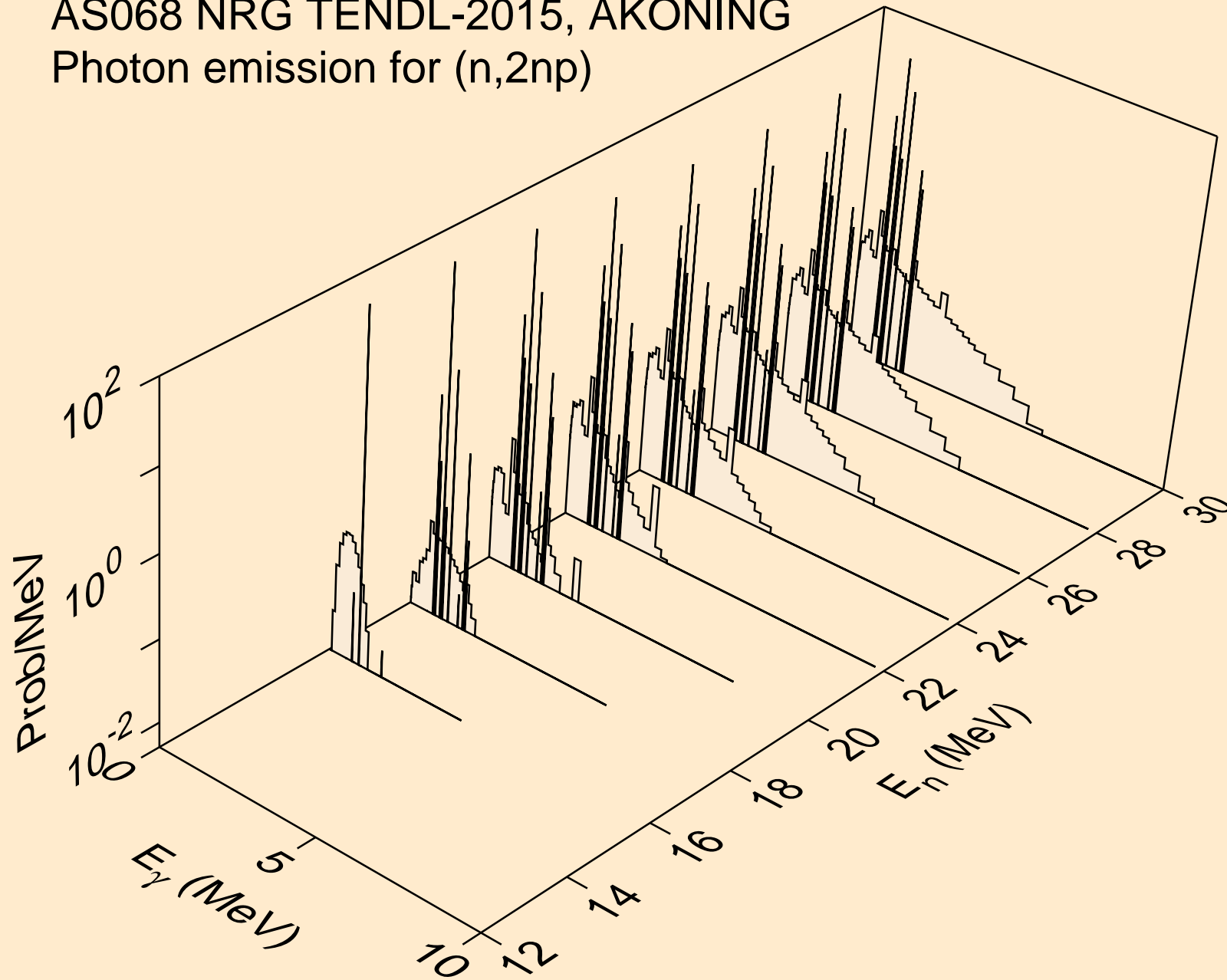
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



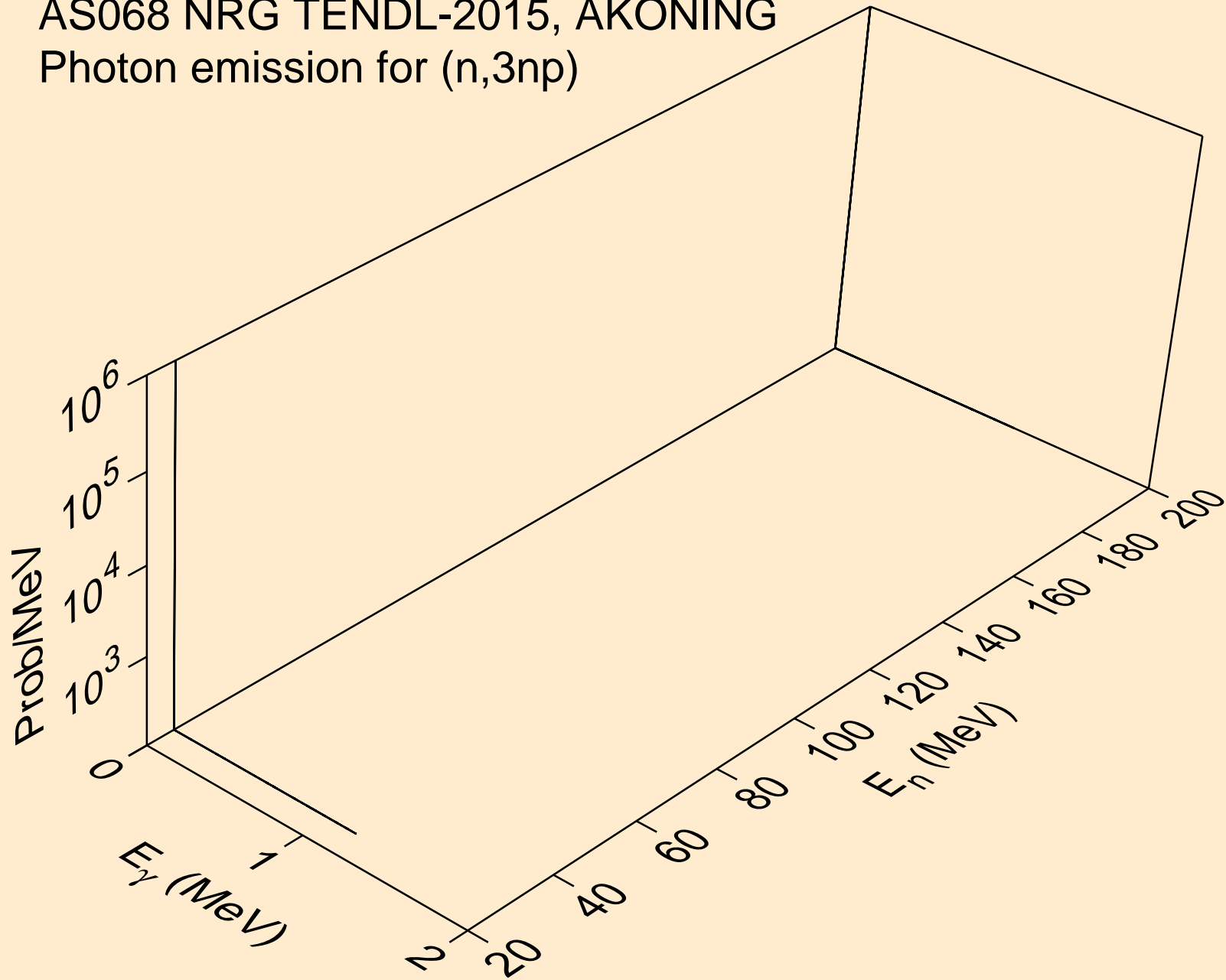
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

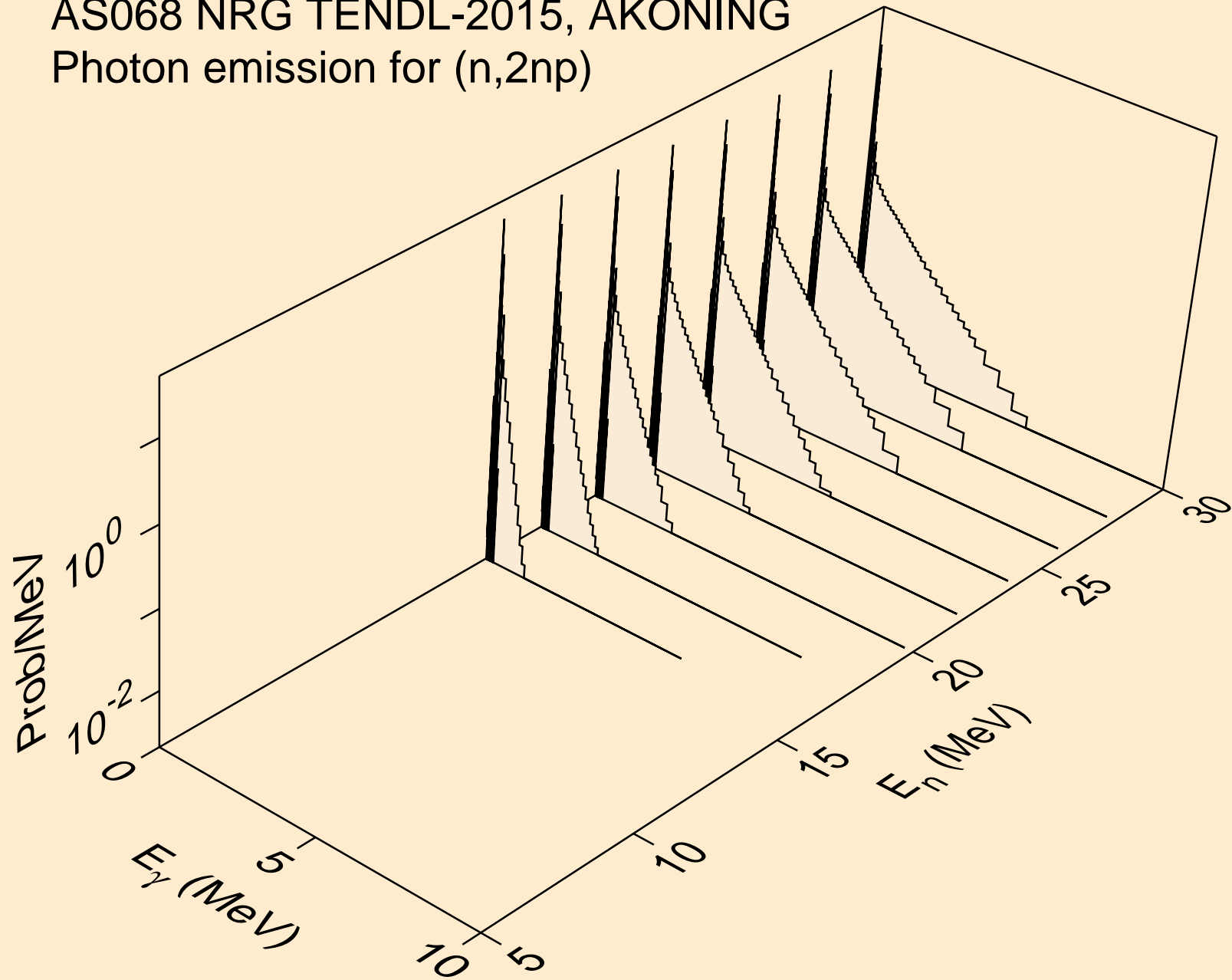


AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

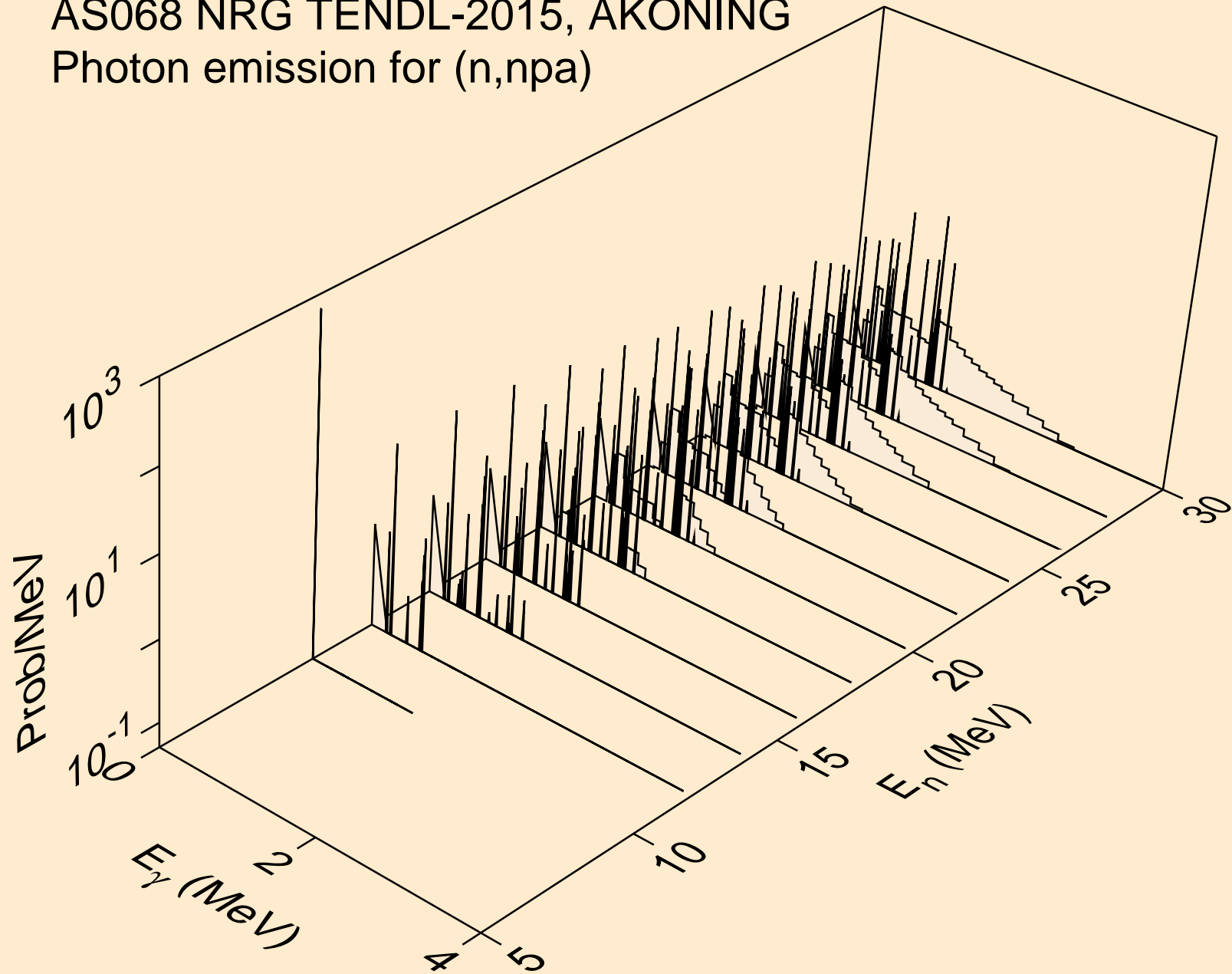




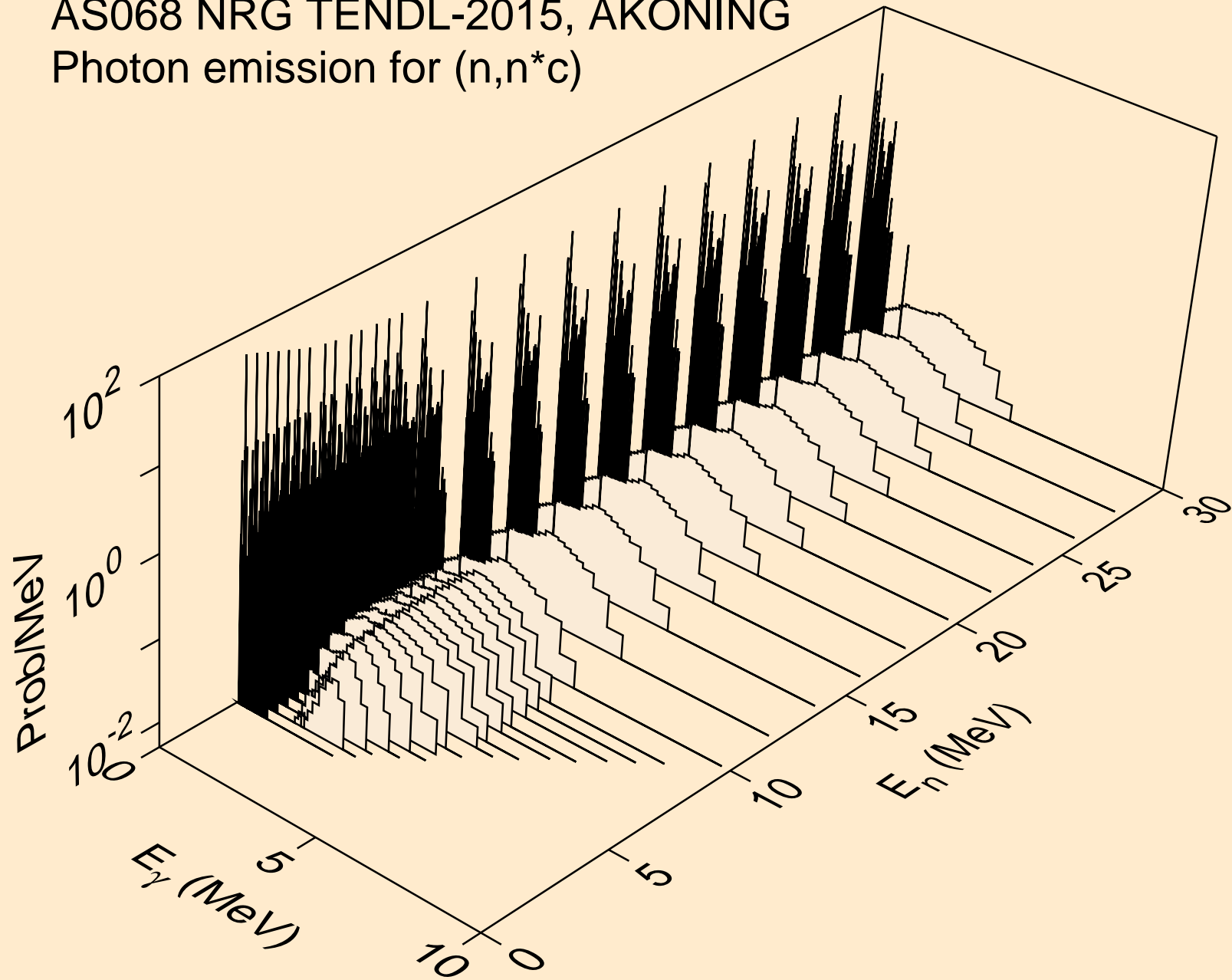
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



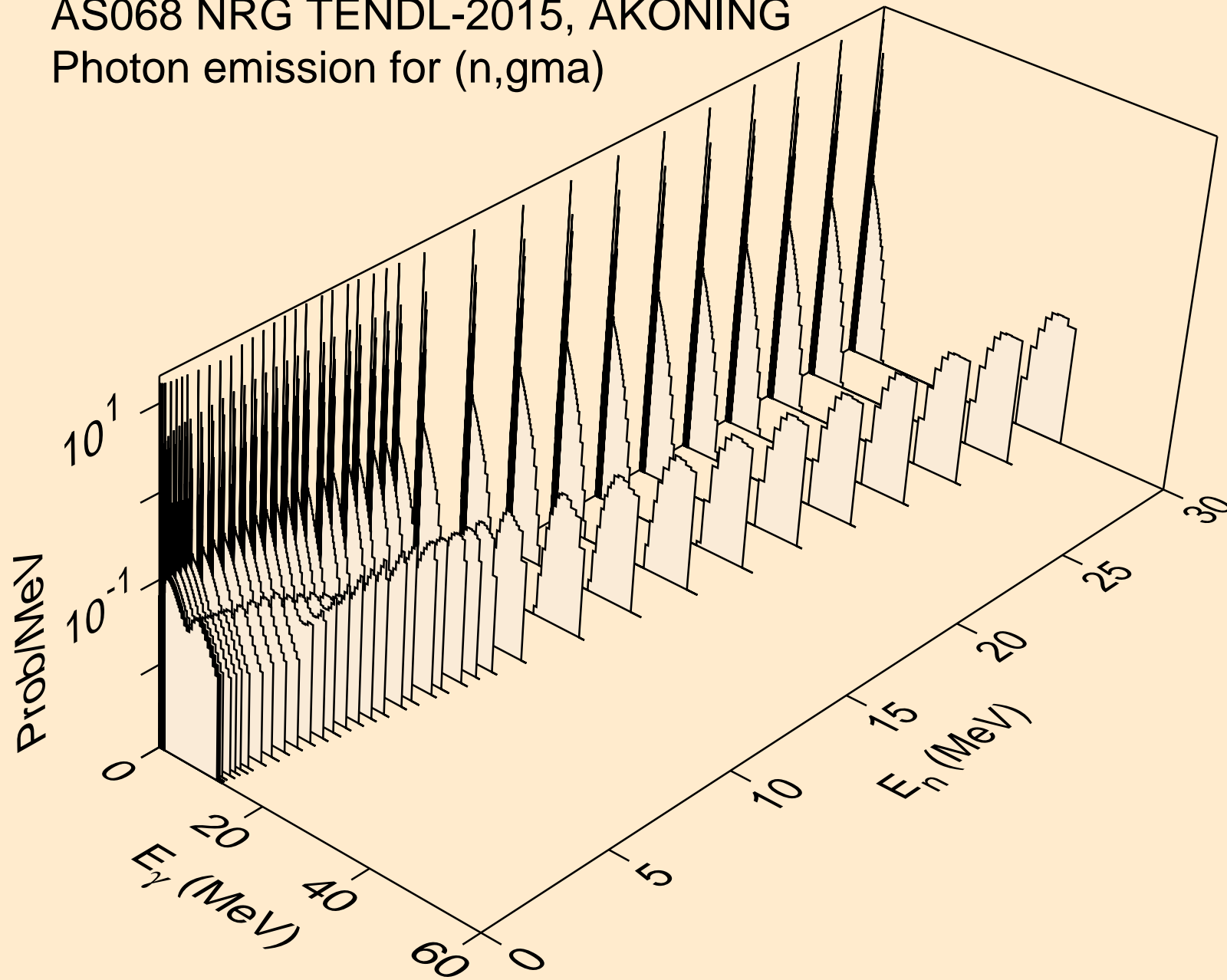
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



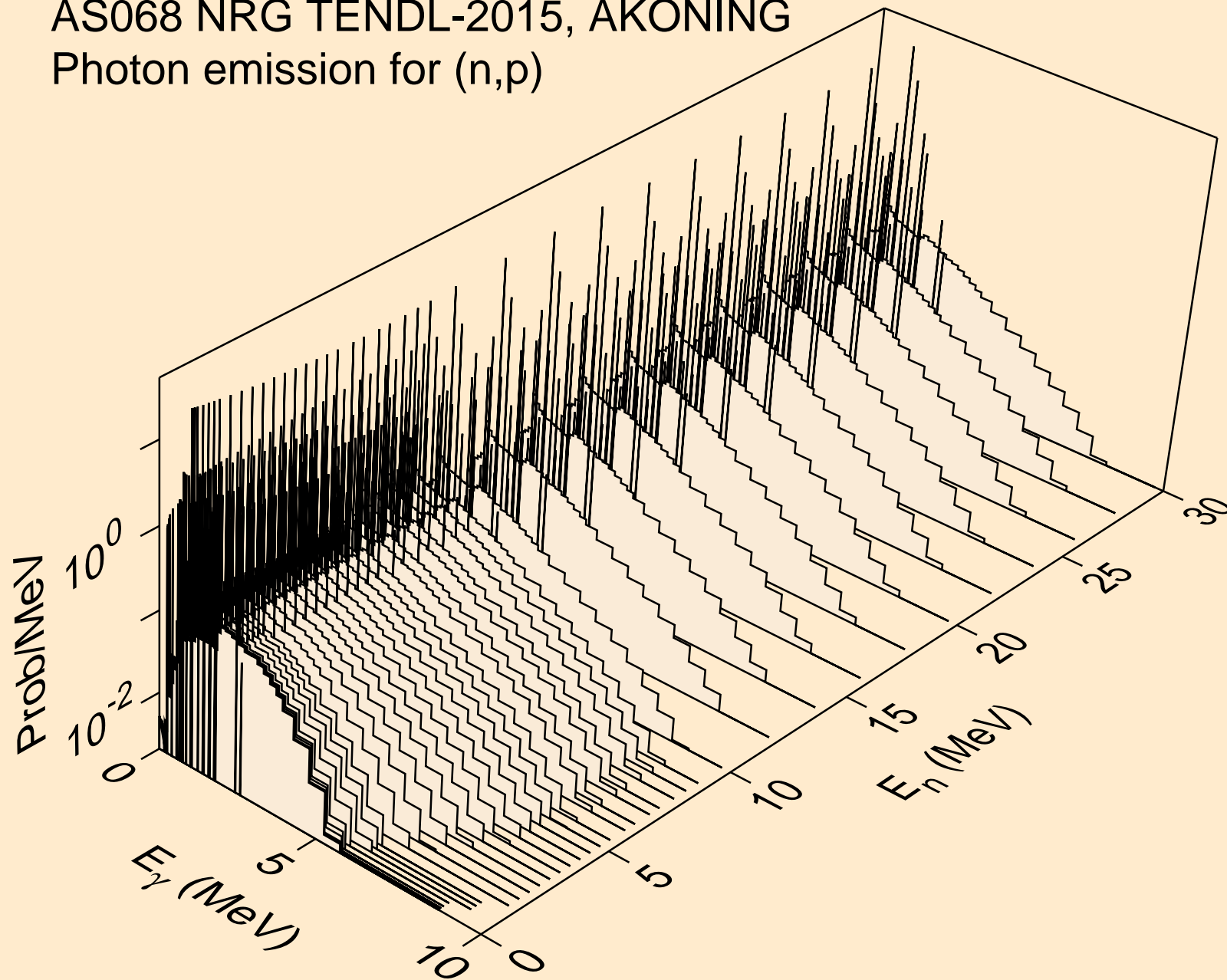
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



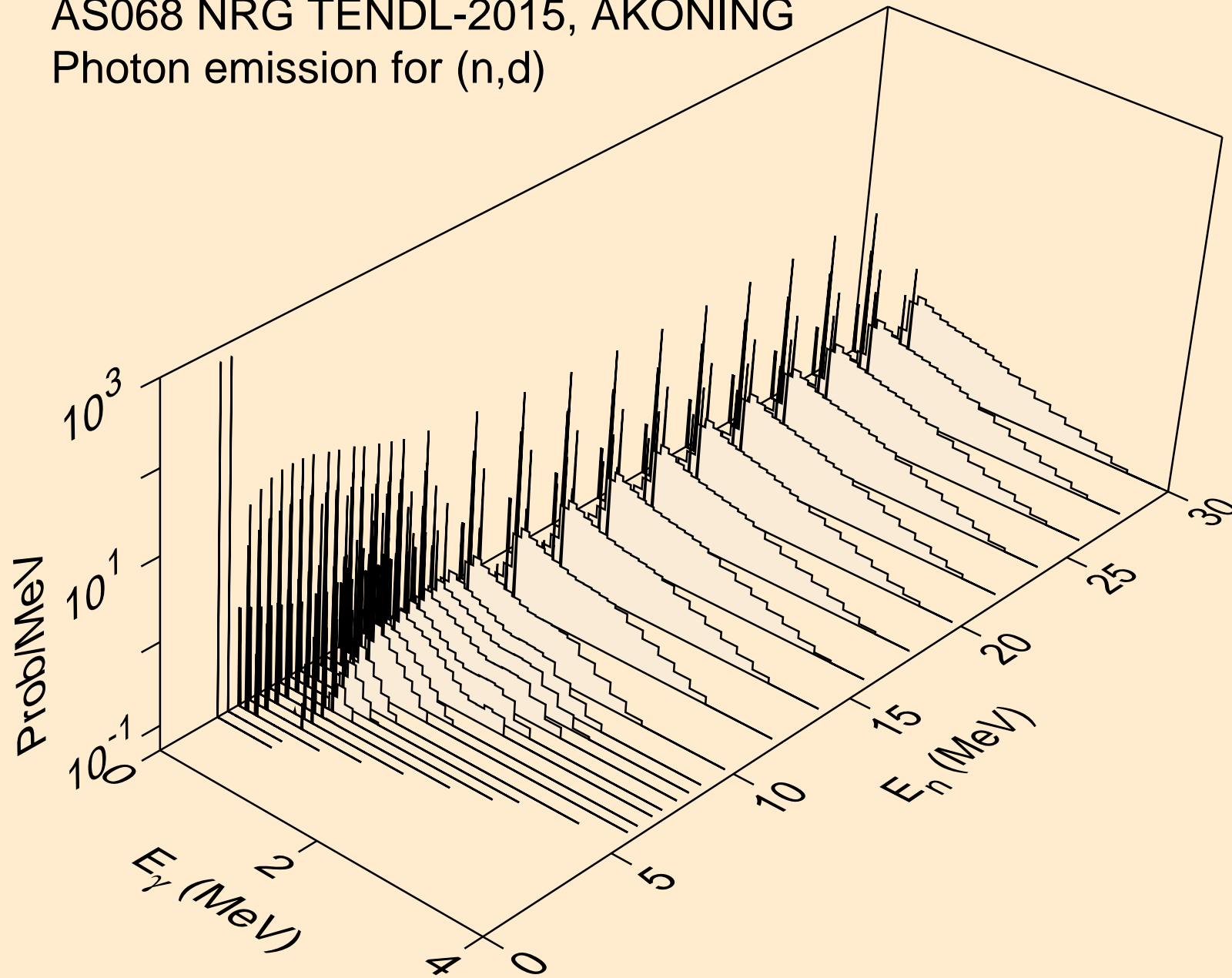
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



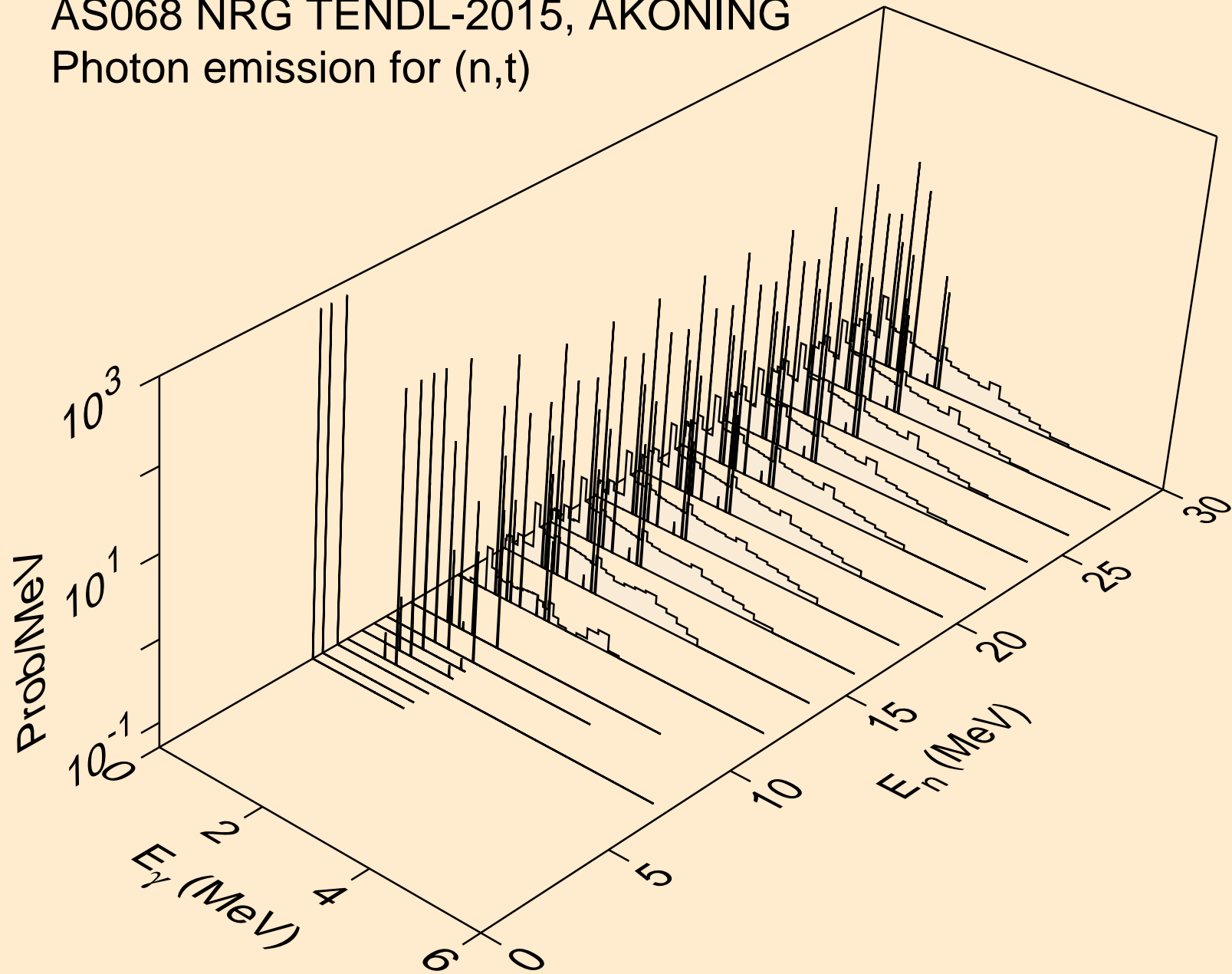
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



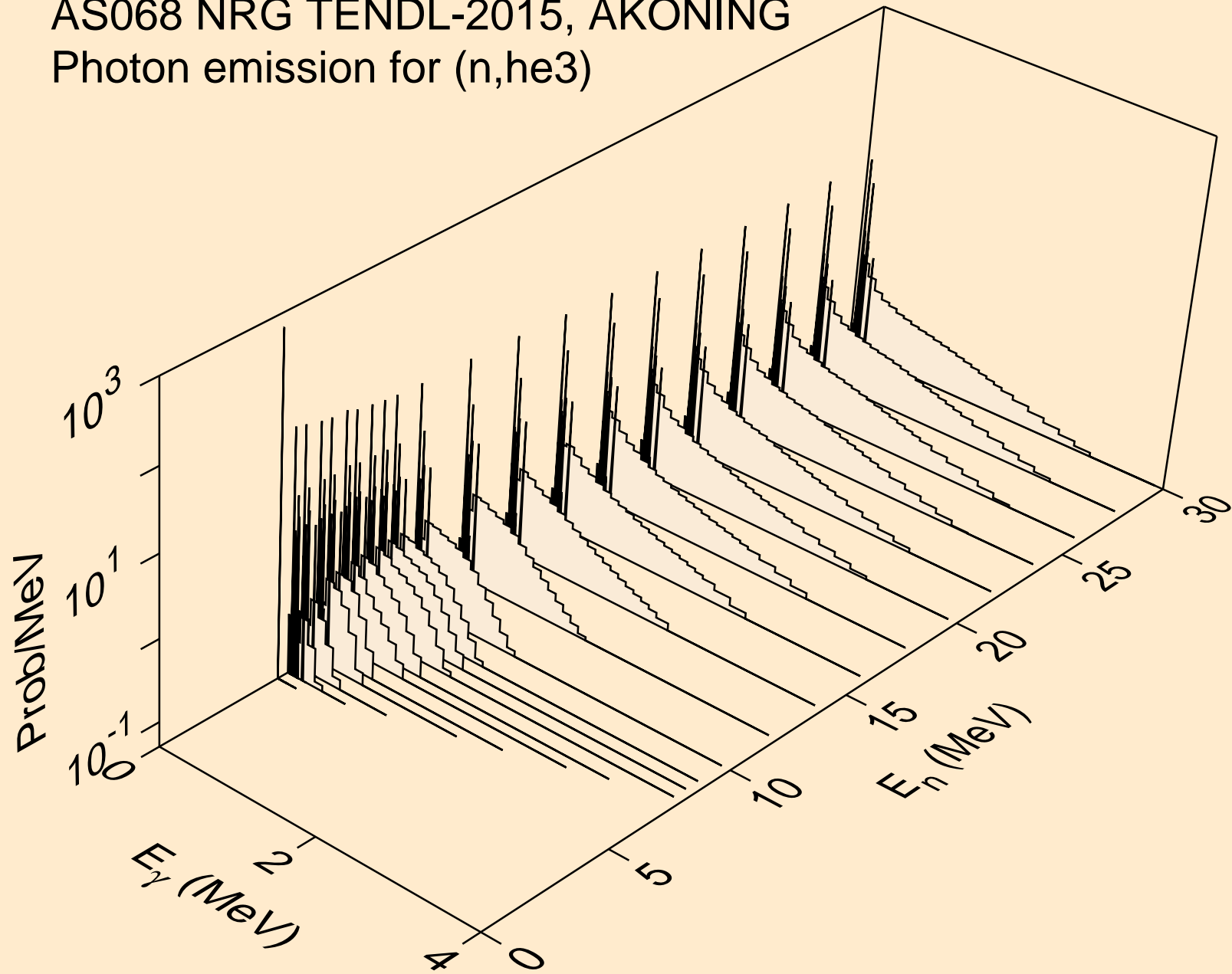
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

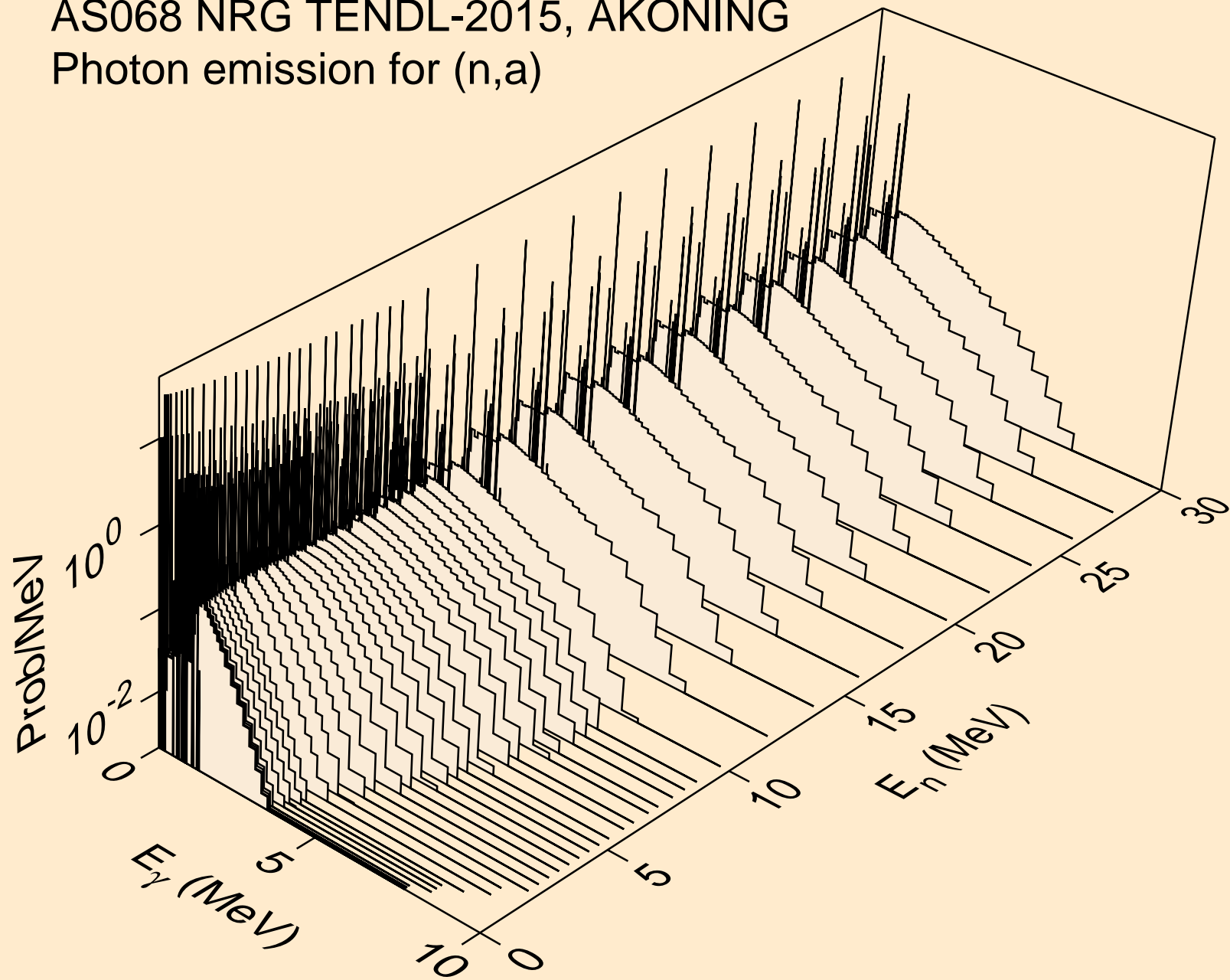


AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

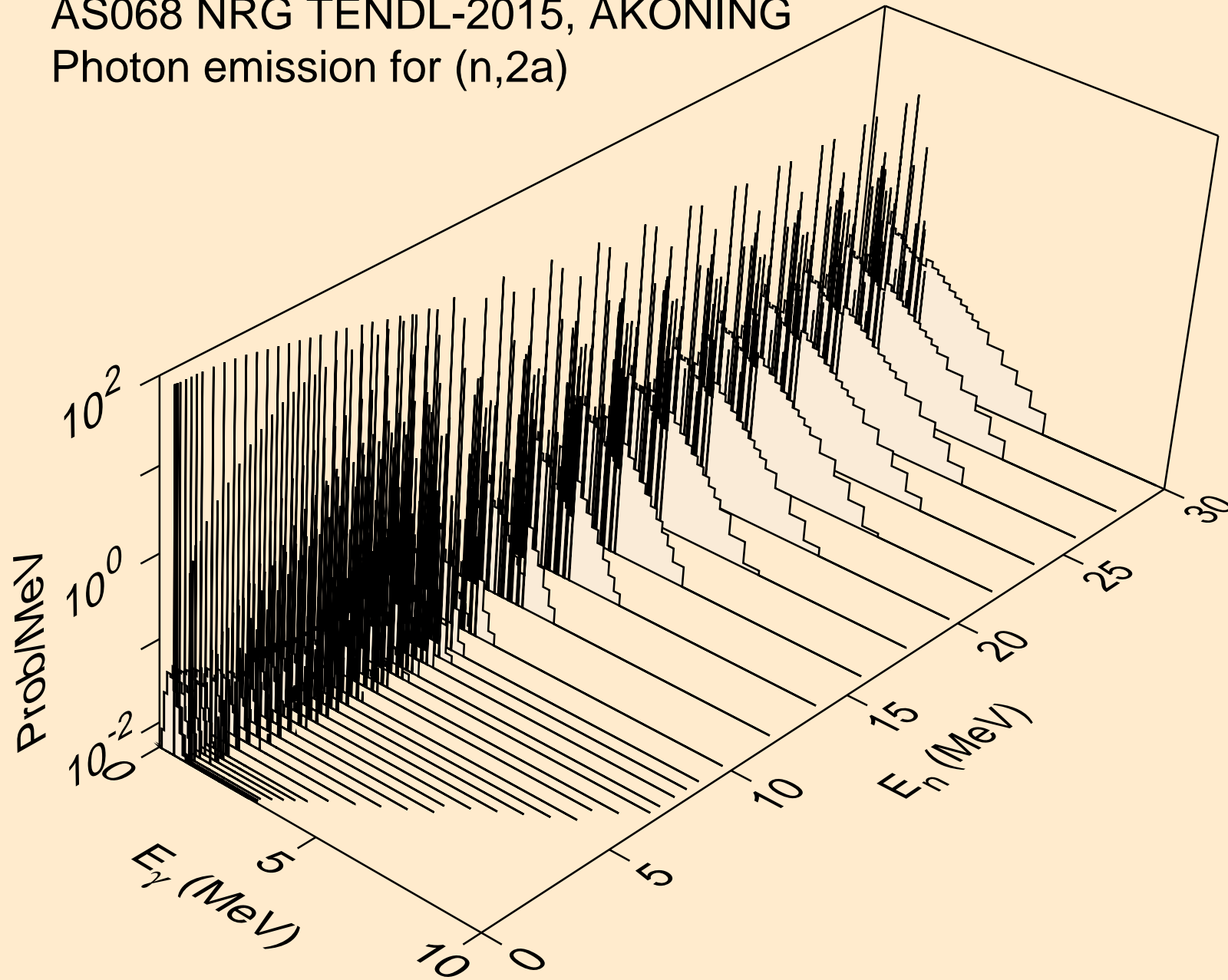




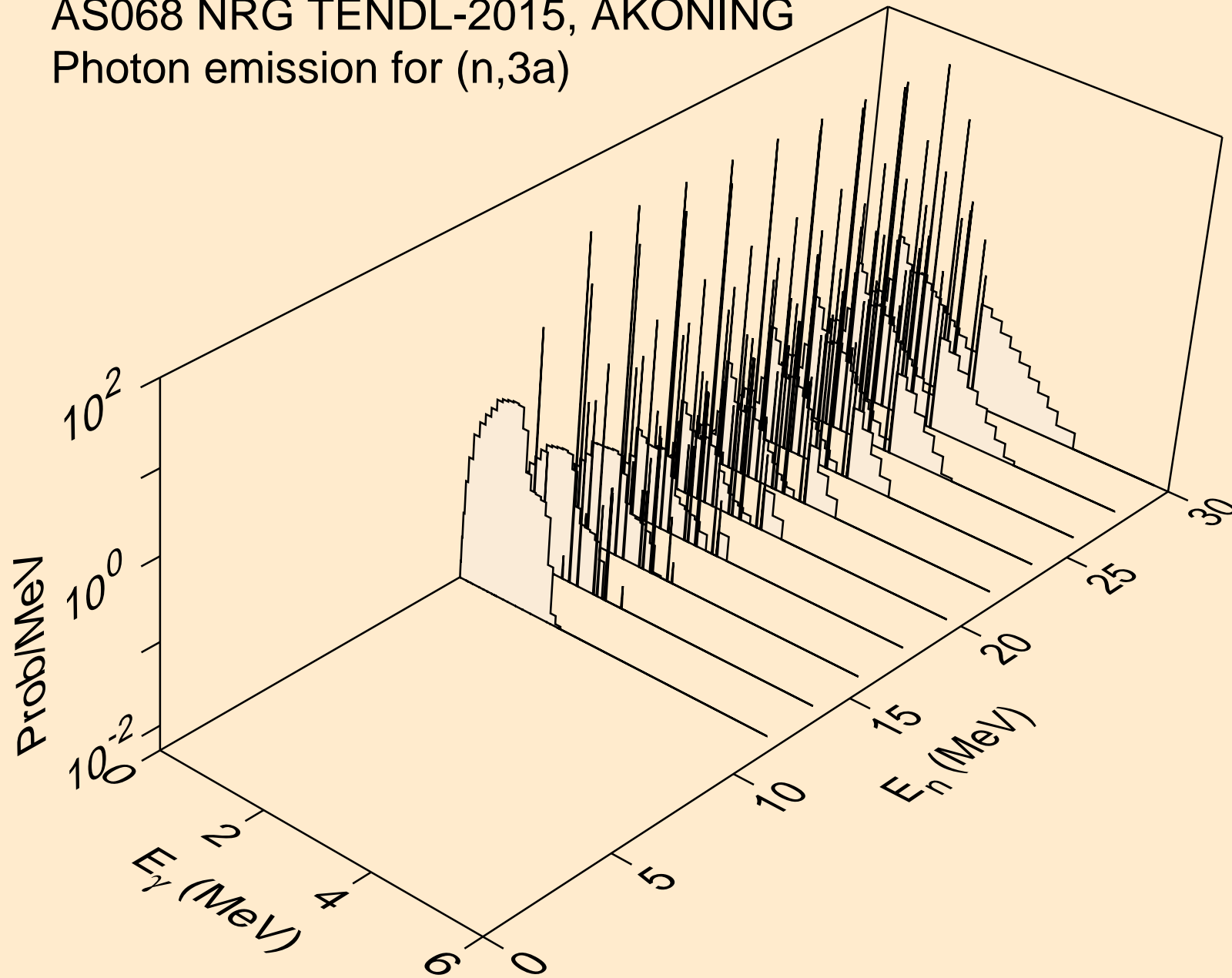
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



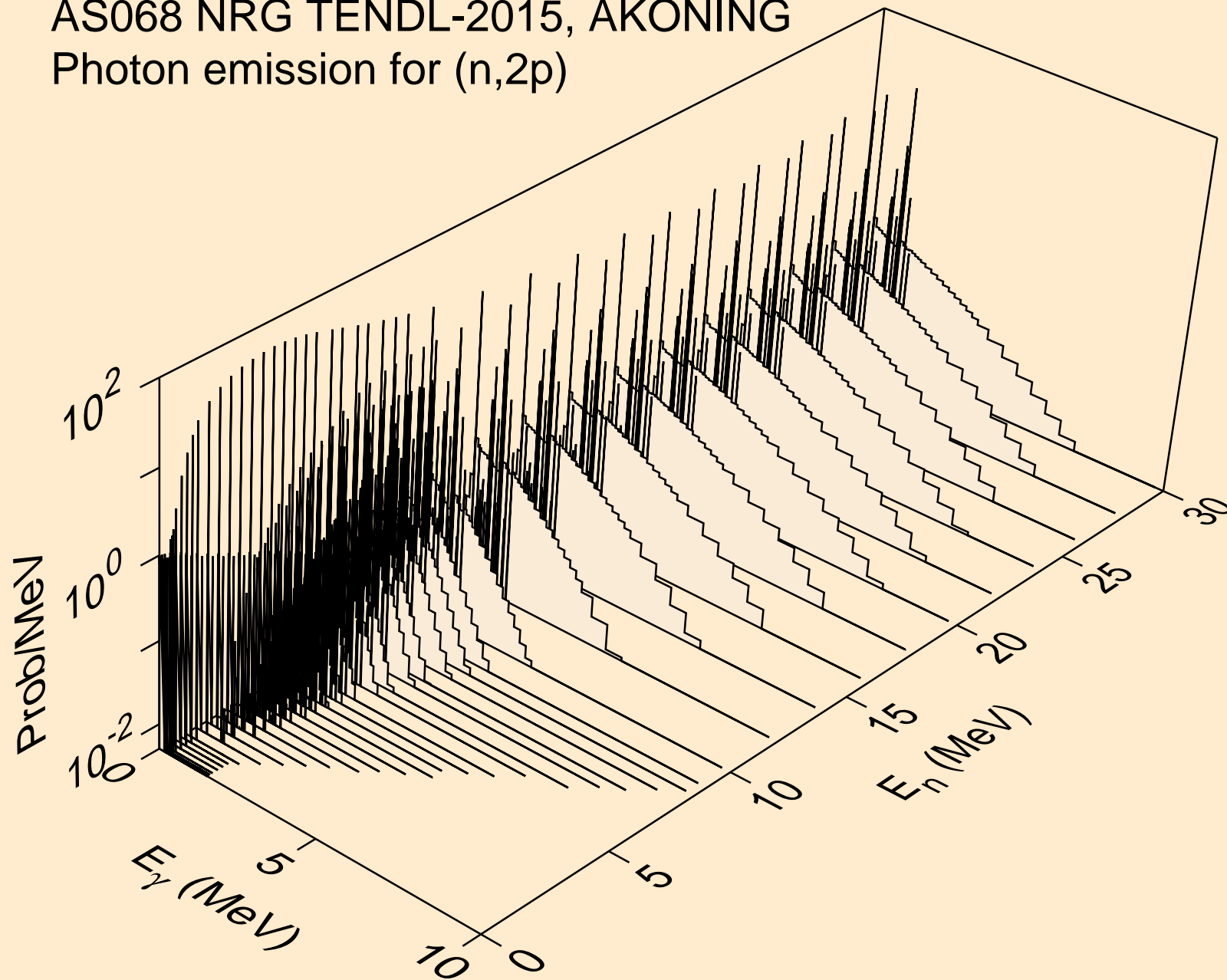
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



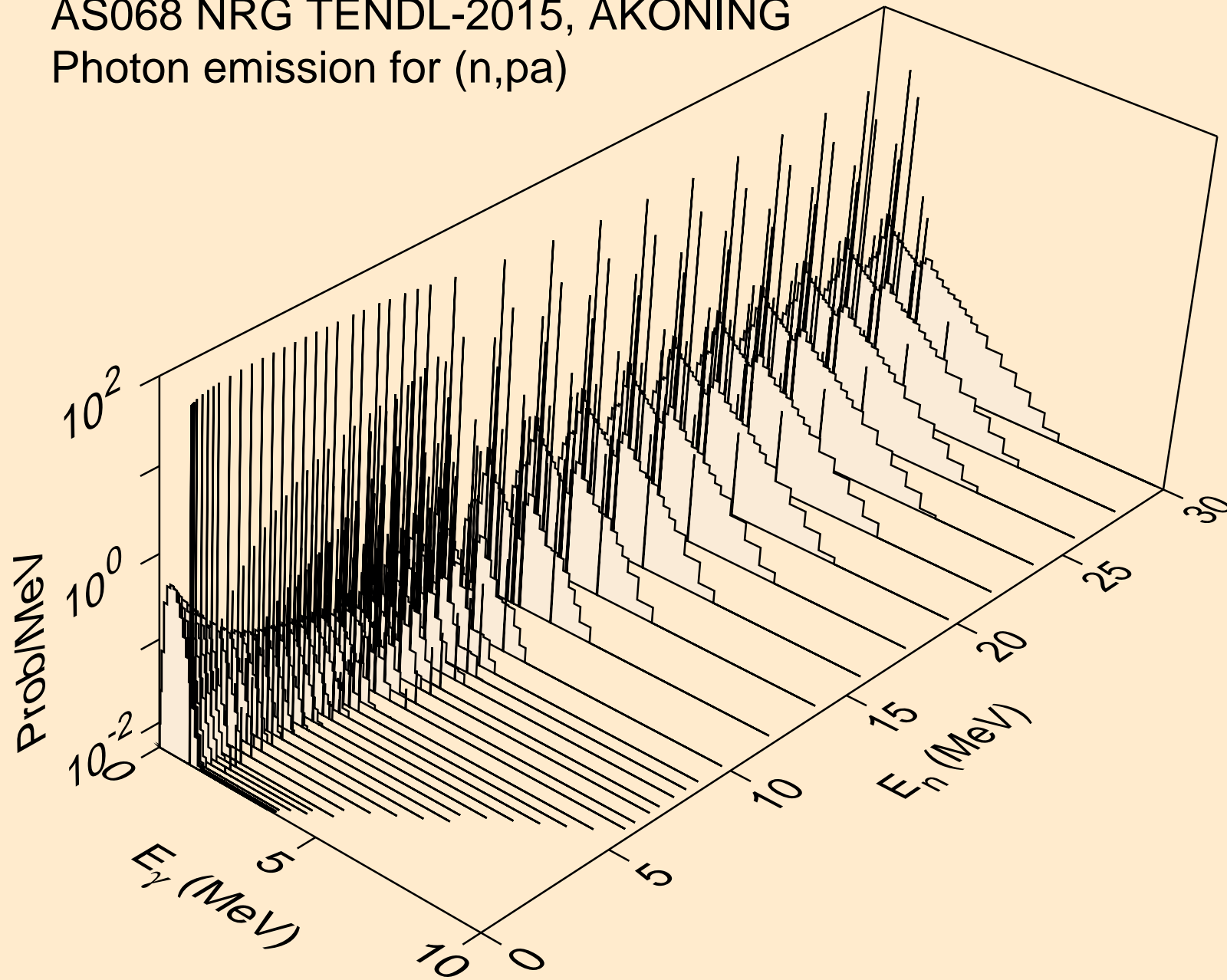
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



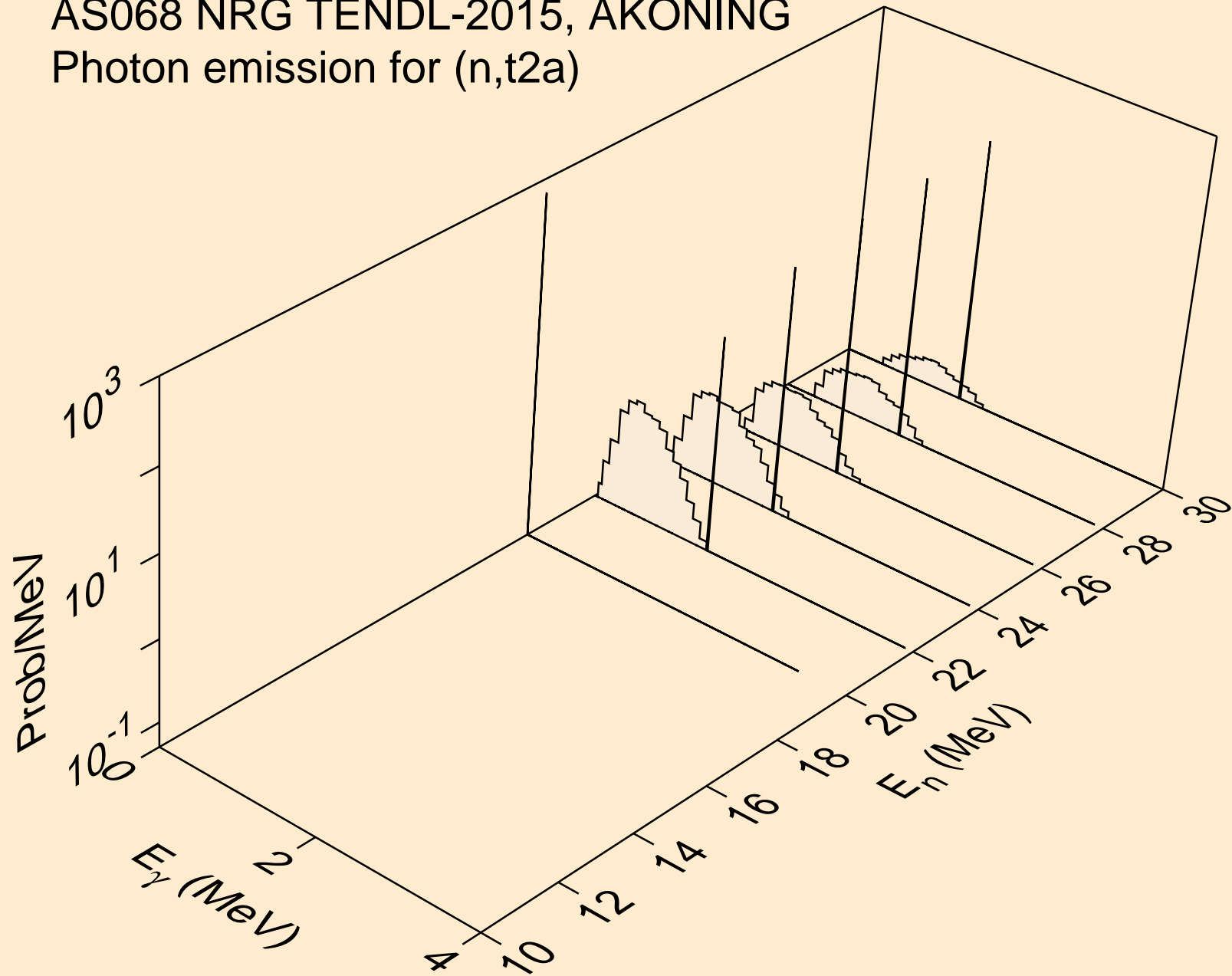
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



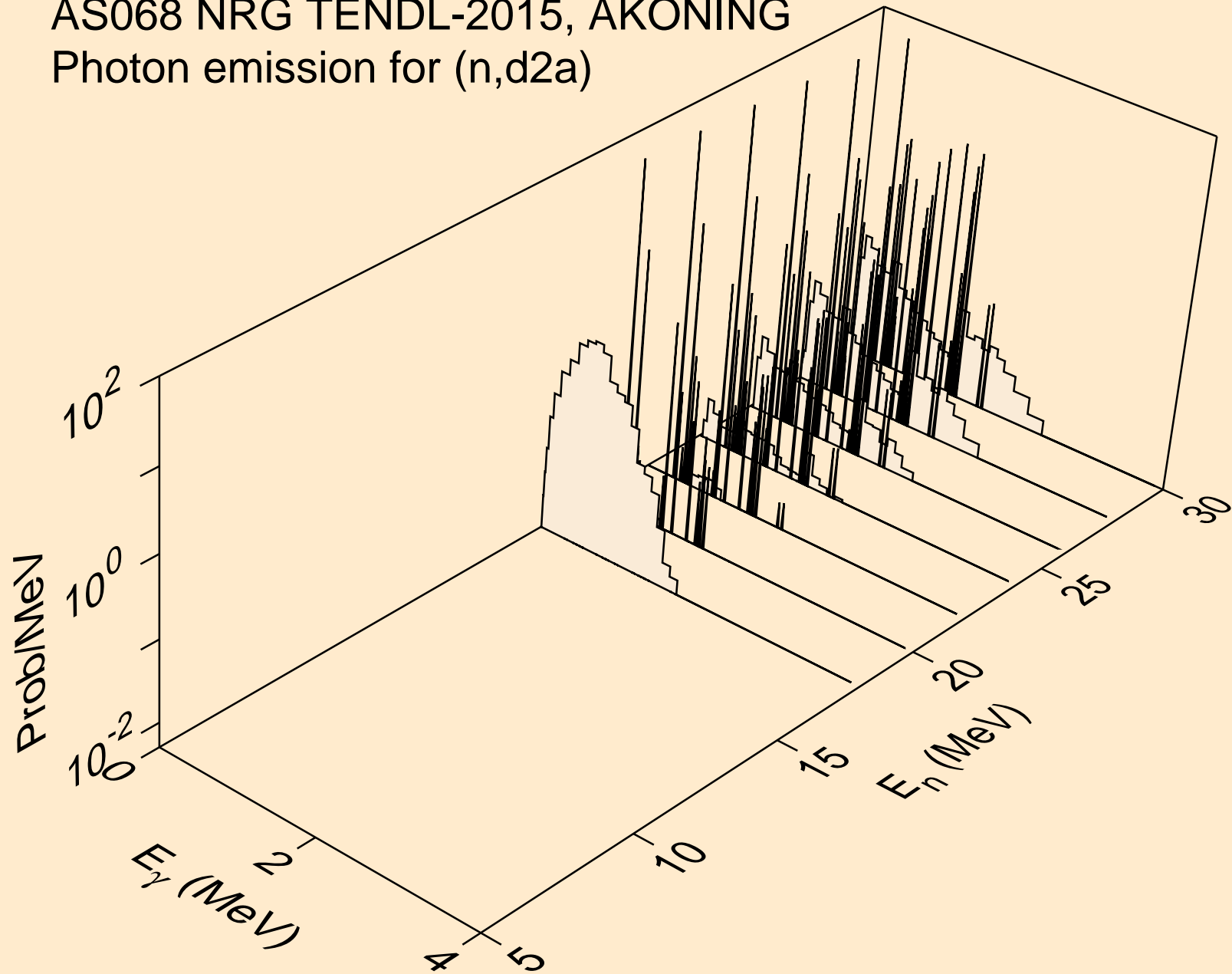
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



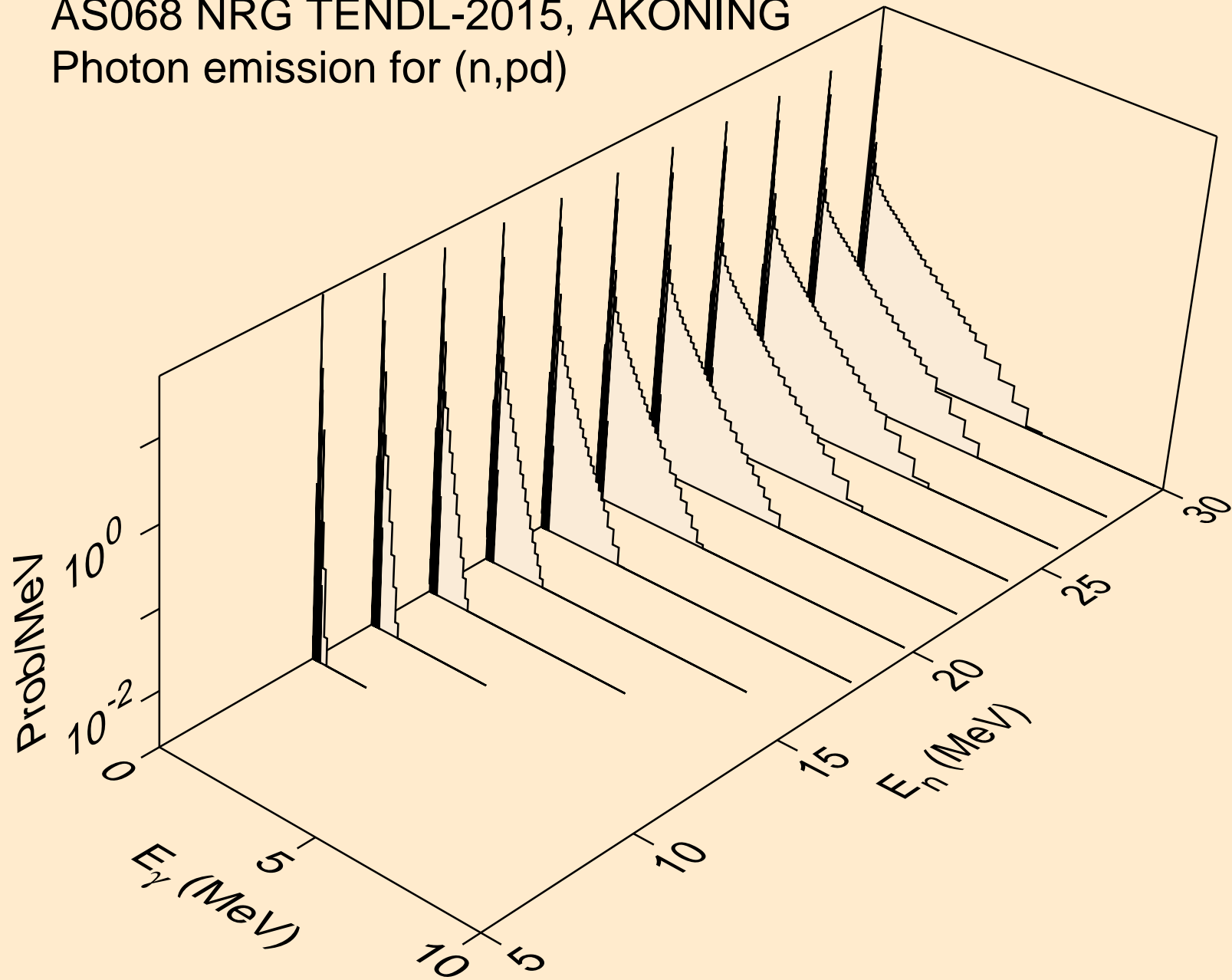
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

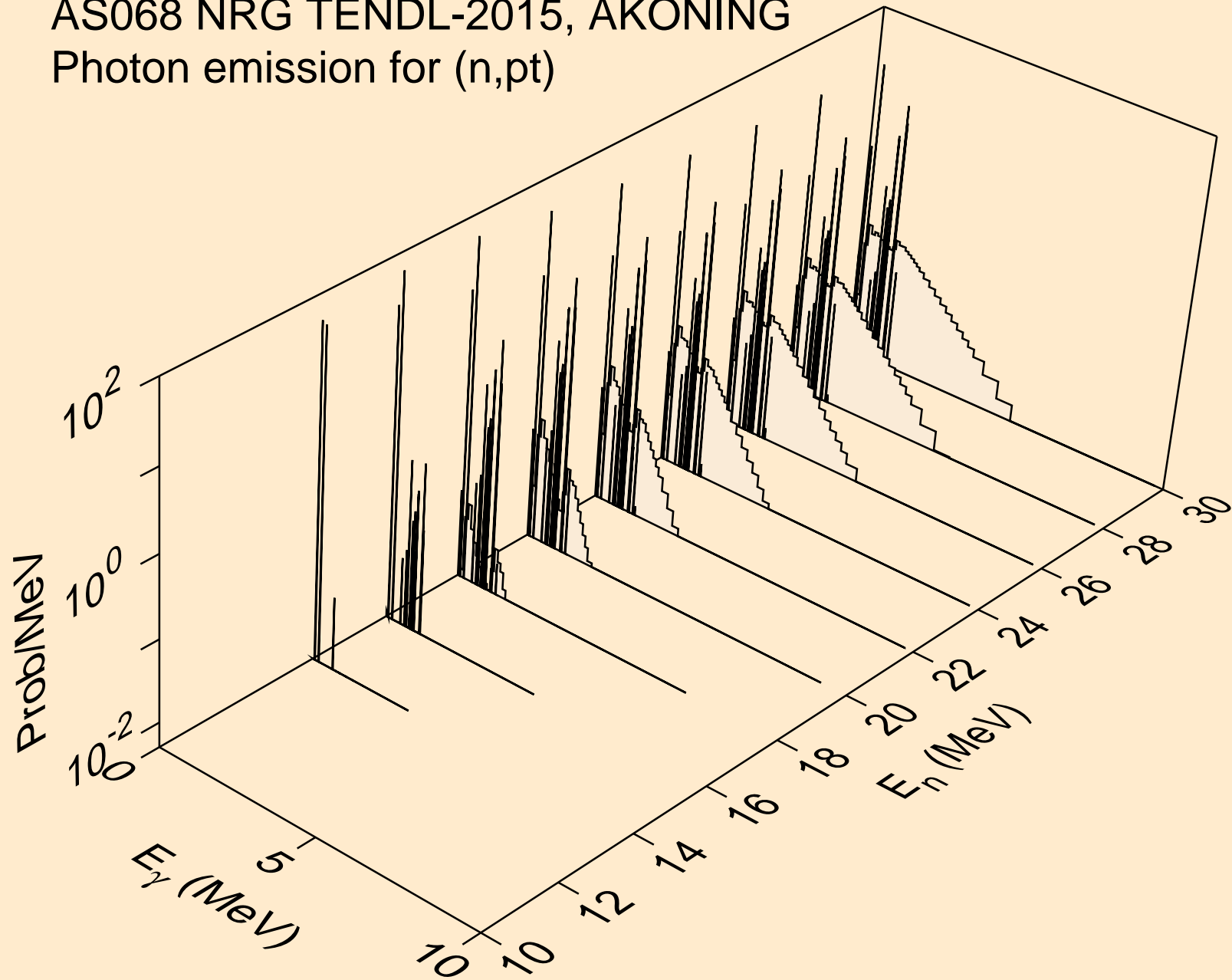


AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

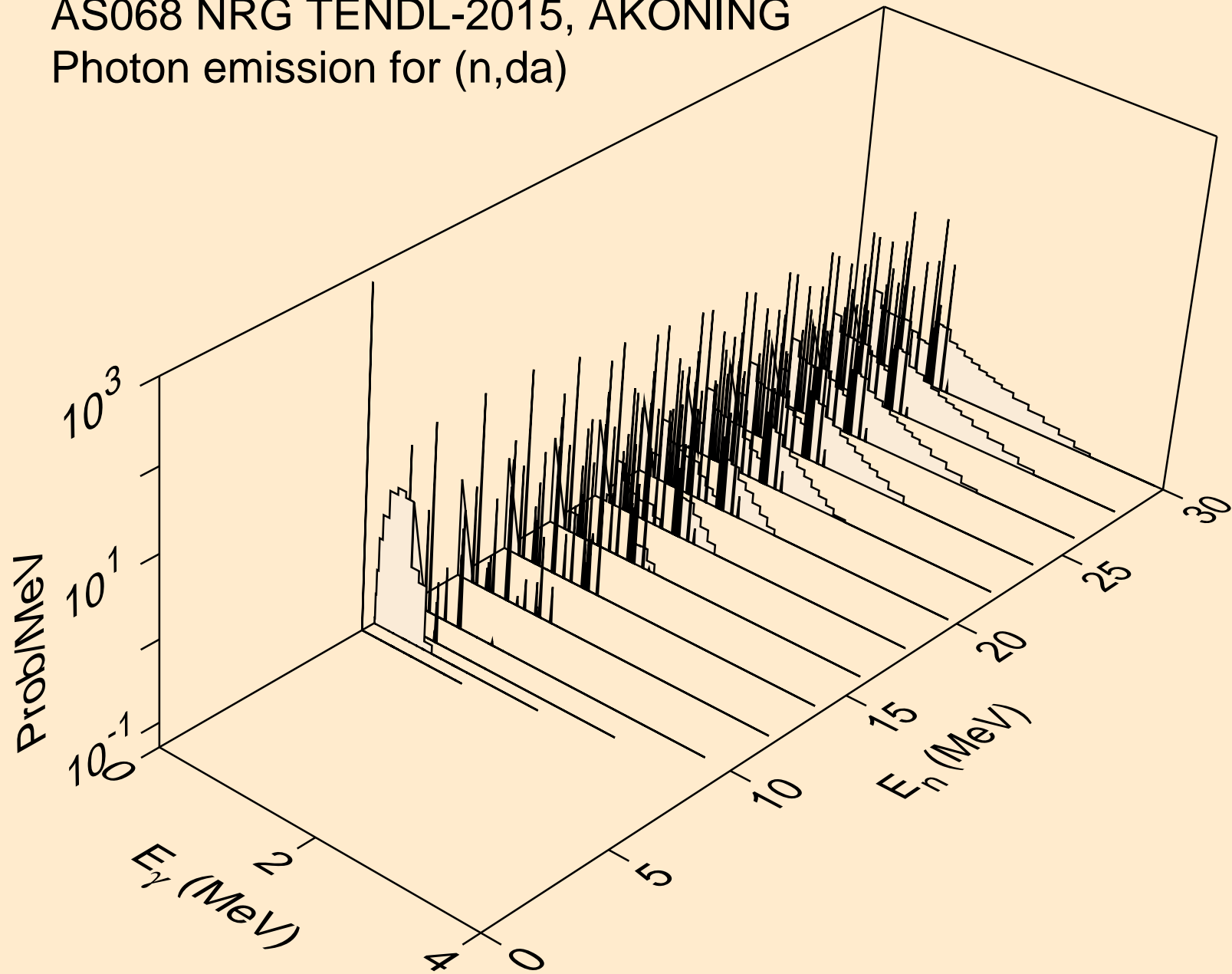




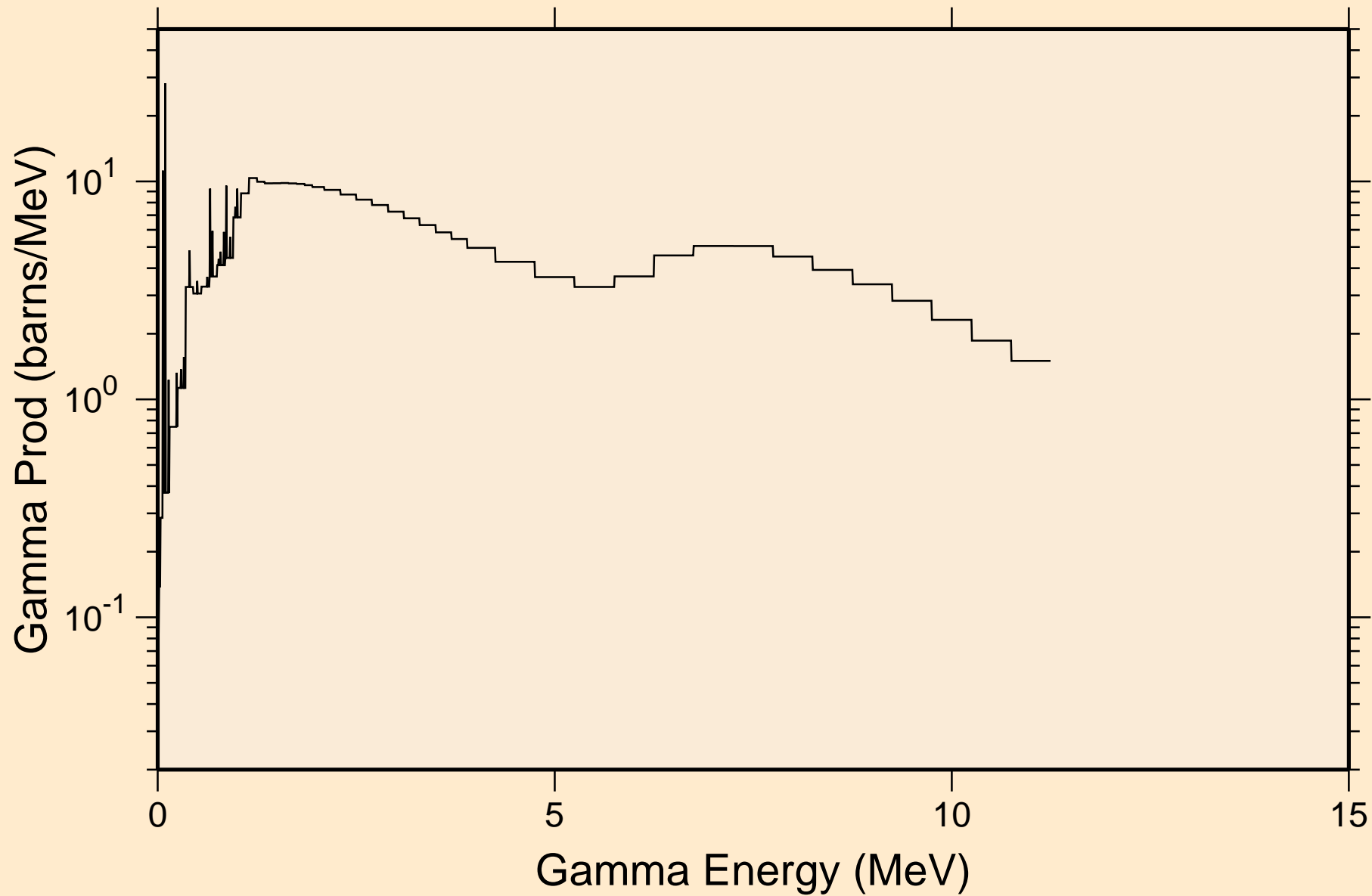
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



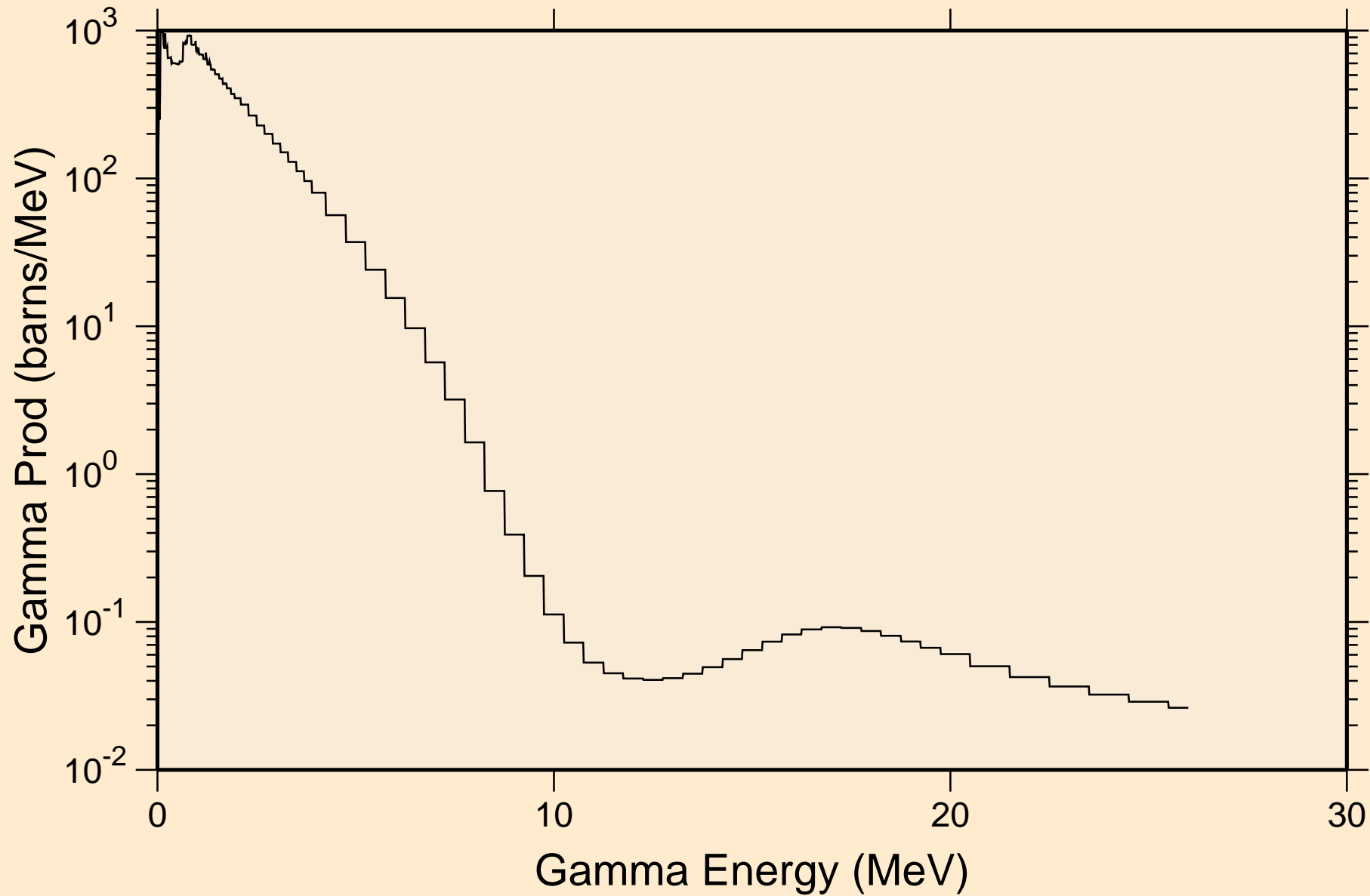
AS068 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



AS068 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

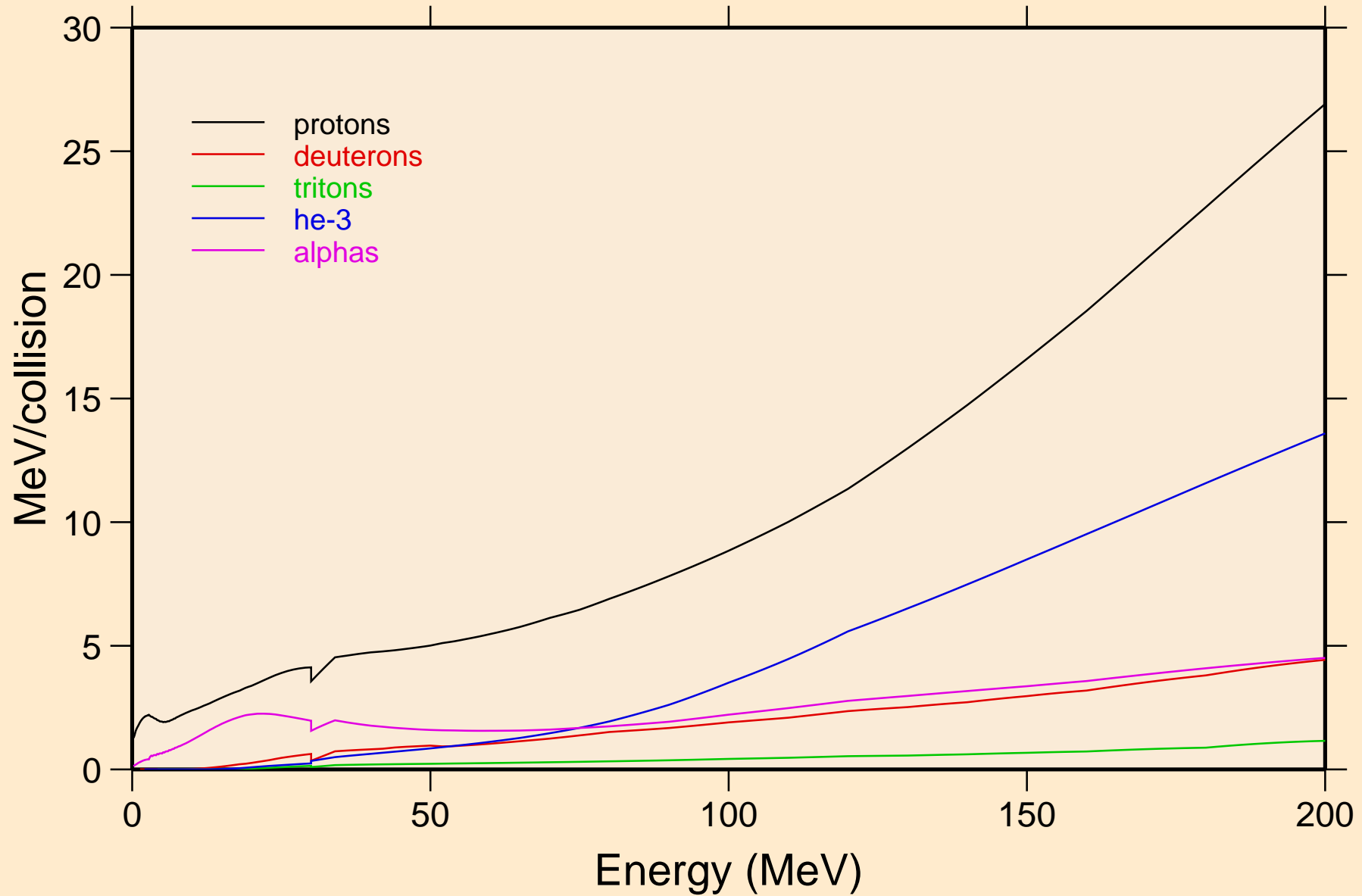


AS068 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



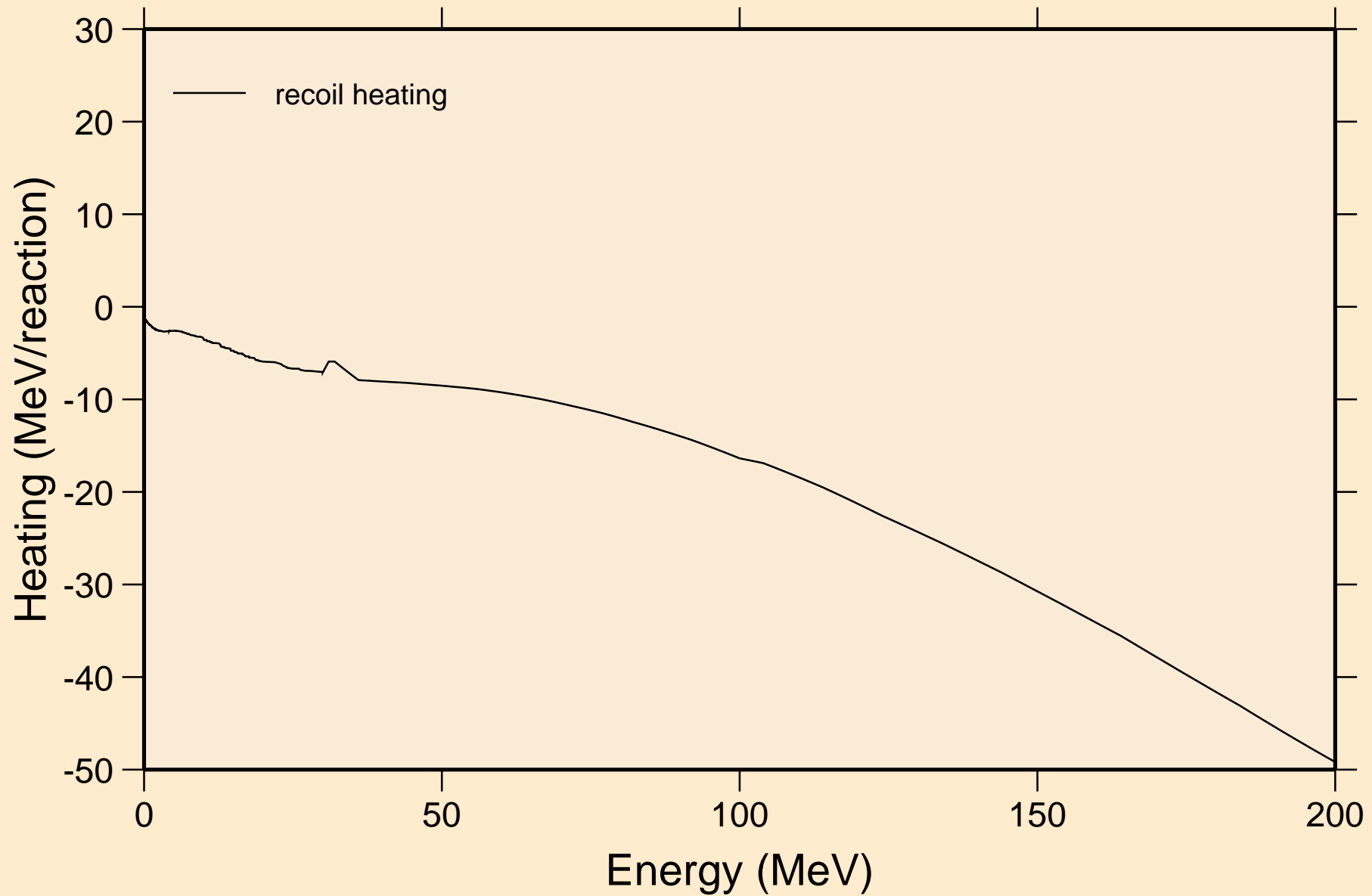
# AS068 NRG TENDL-2015, AKONING

## Particle heating contributions



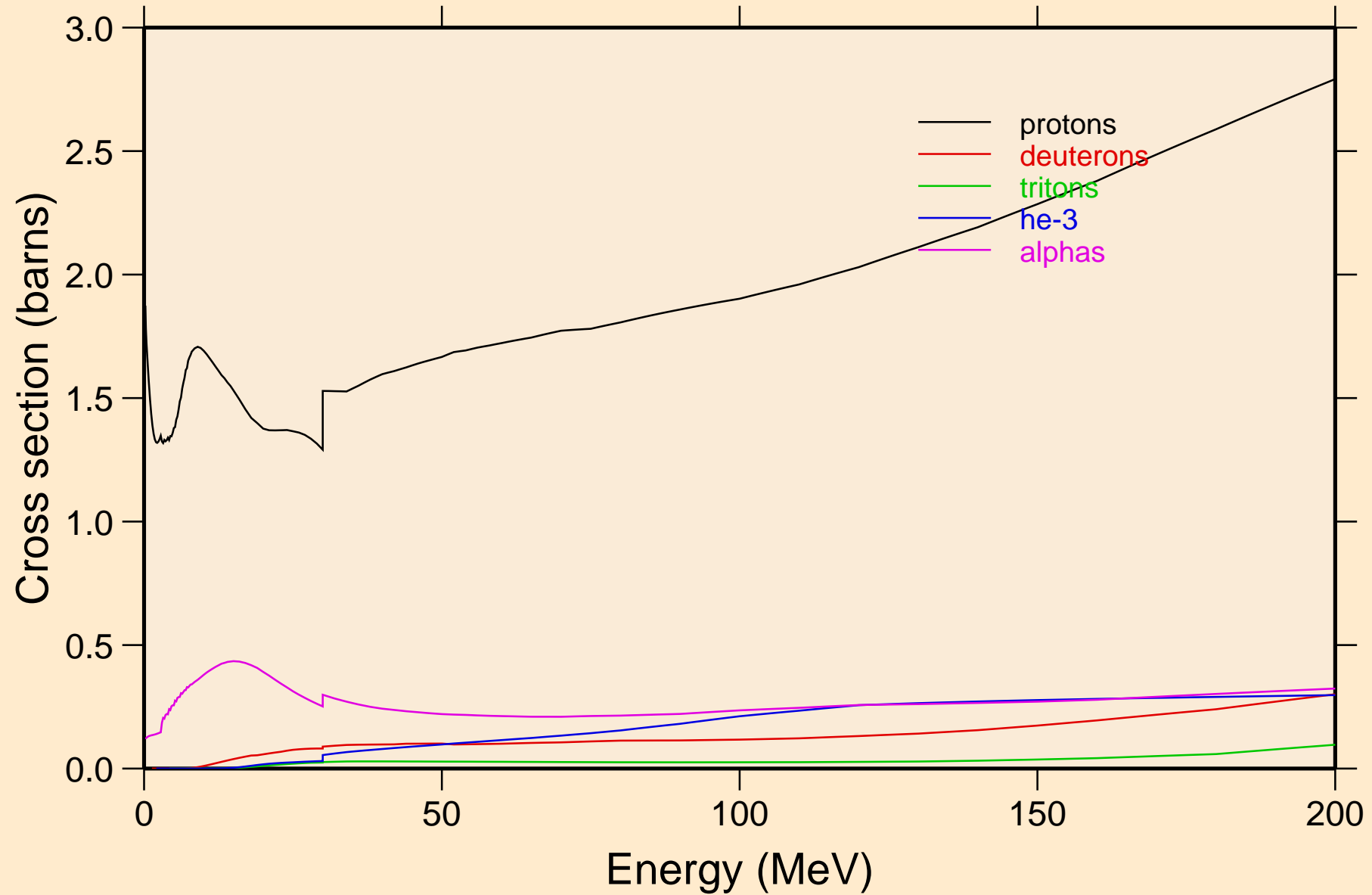
# AS068 NRG TENDL-2015, AKONING

## Recoil Heating

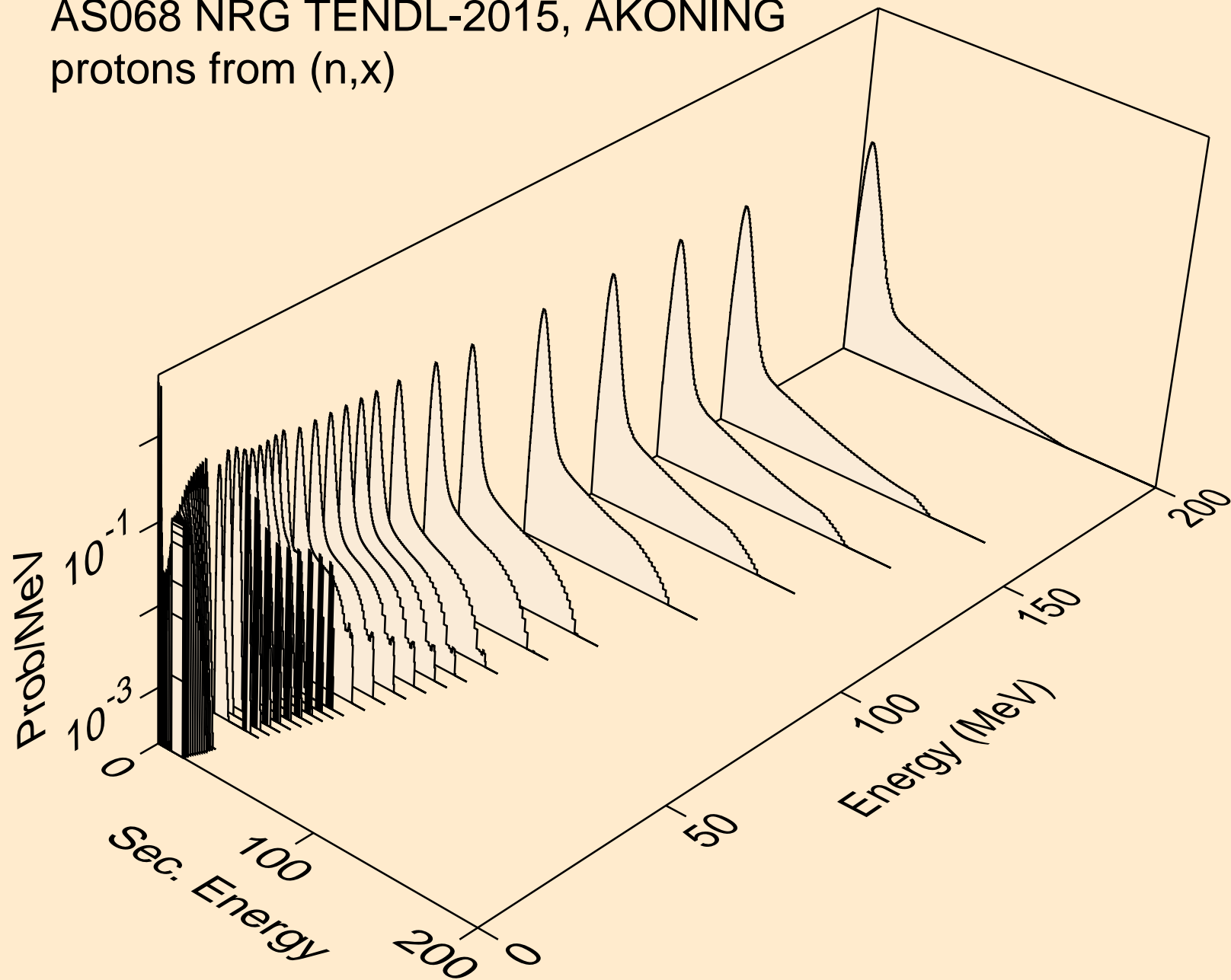


# AS068 NRG TENDL-2015, AKONING

## Particle production cross sections

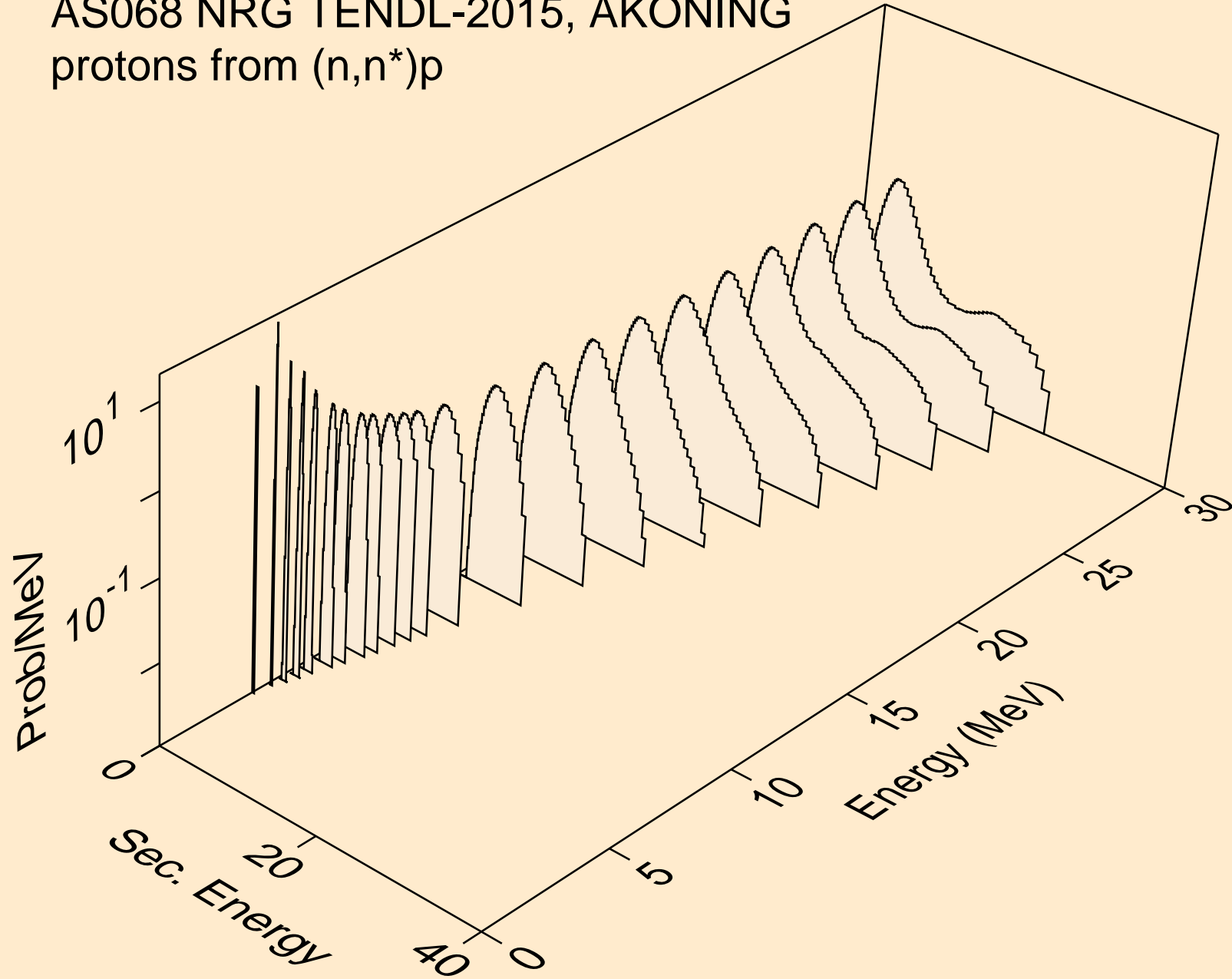


AS068 NRG TENDL-2015, AKONING  
protons from (n,x)

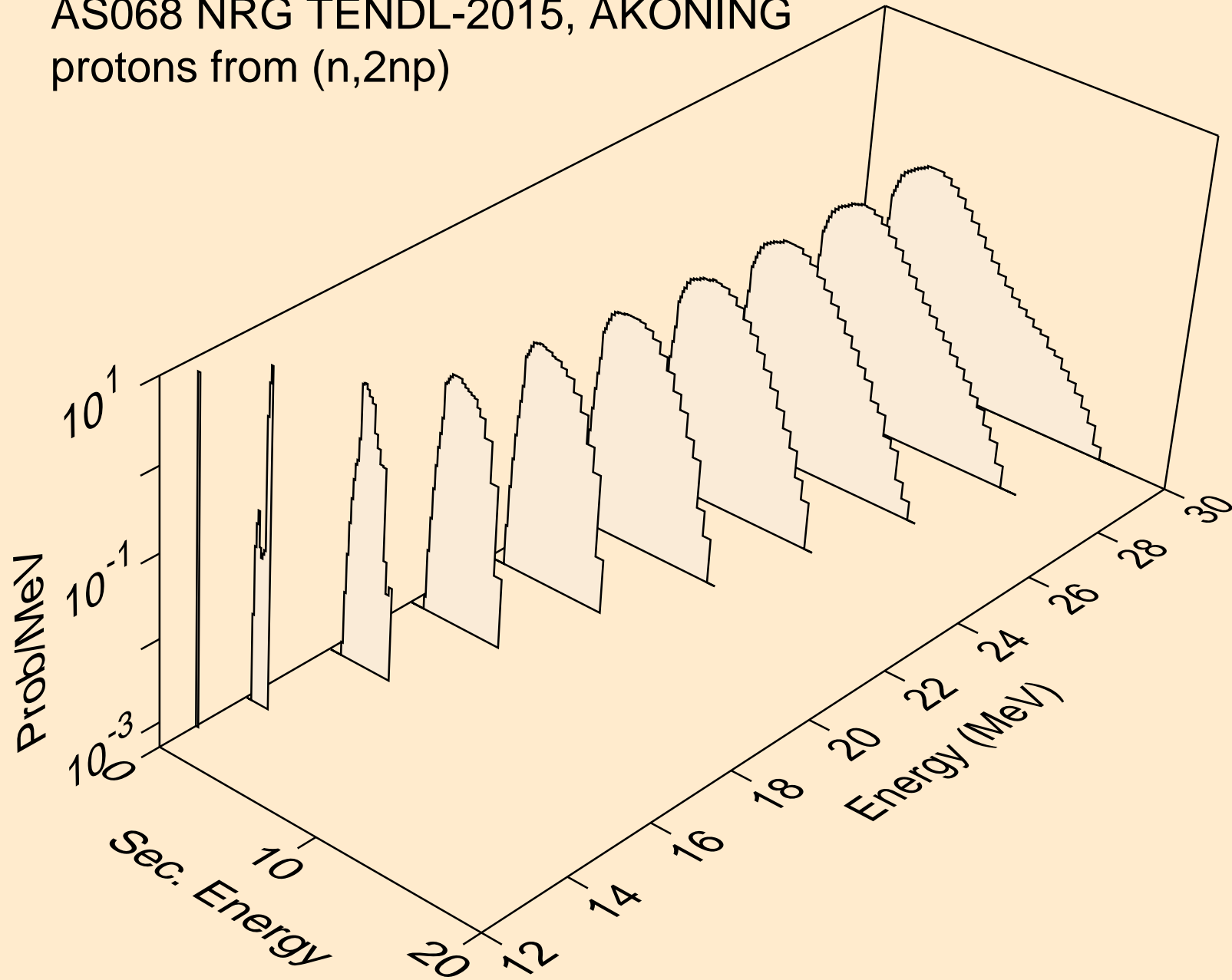




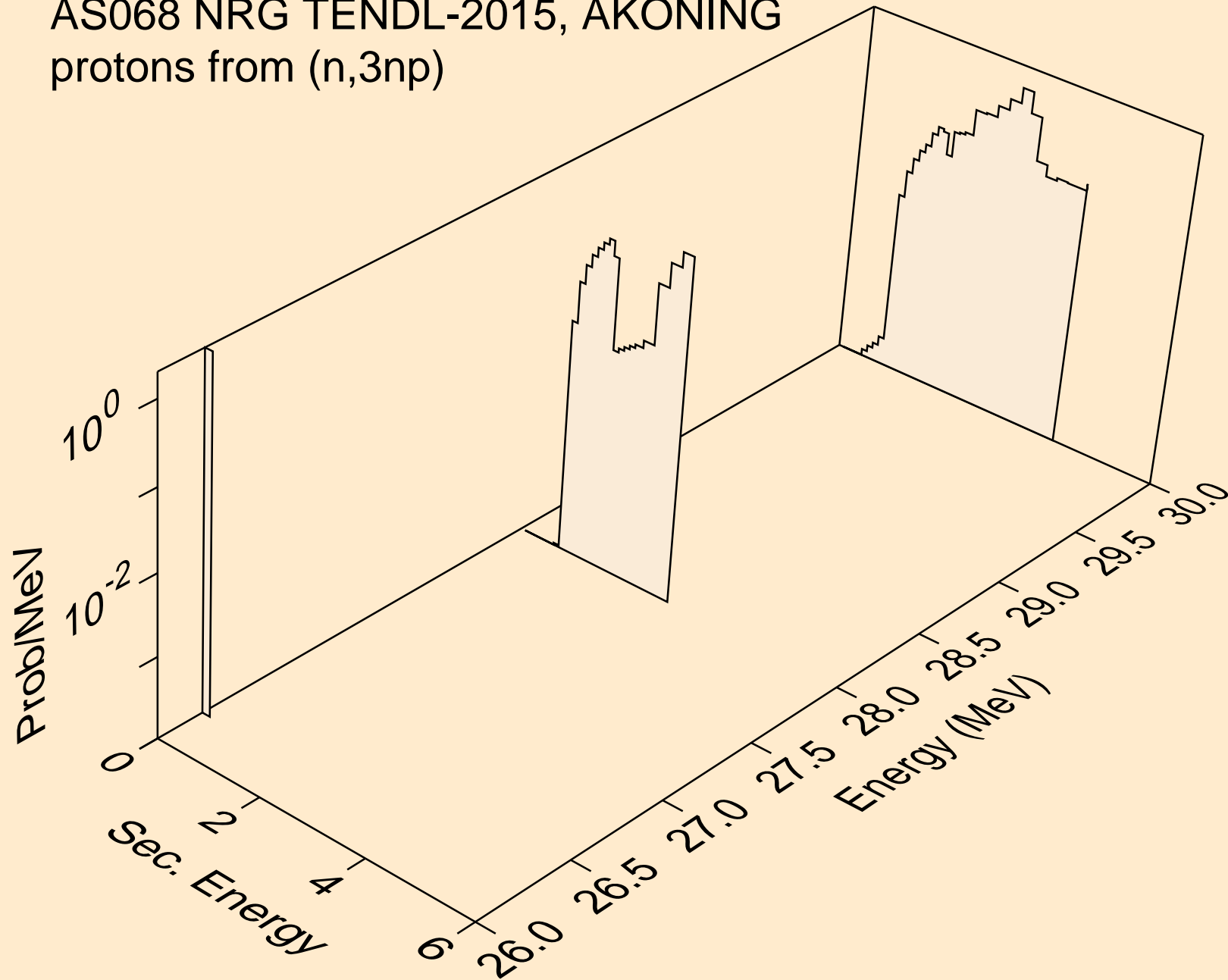
AS068 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



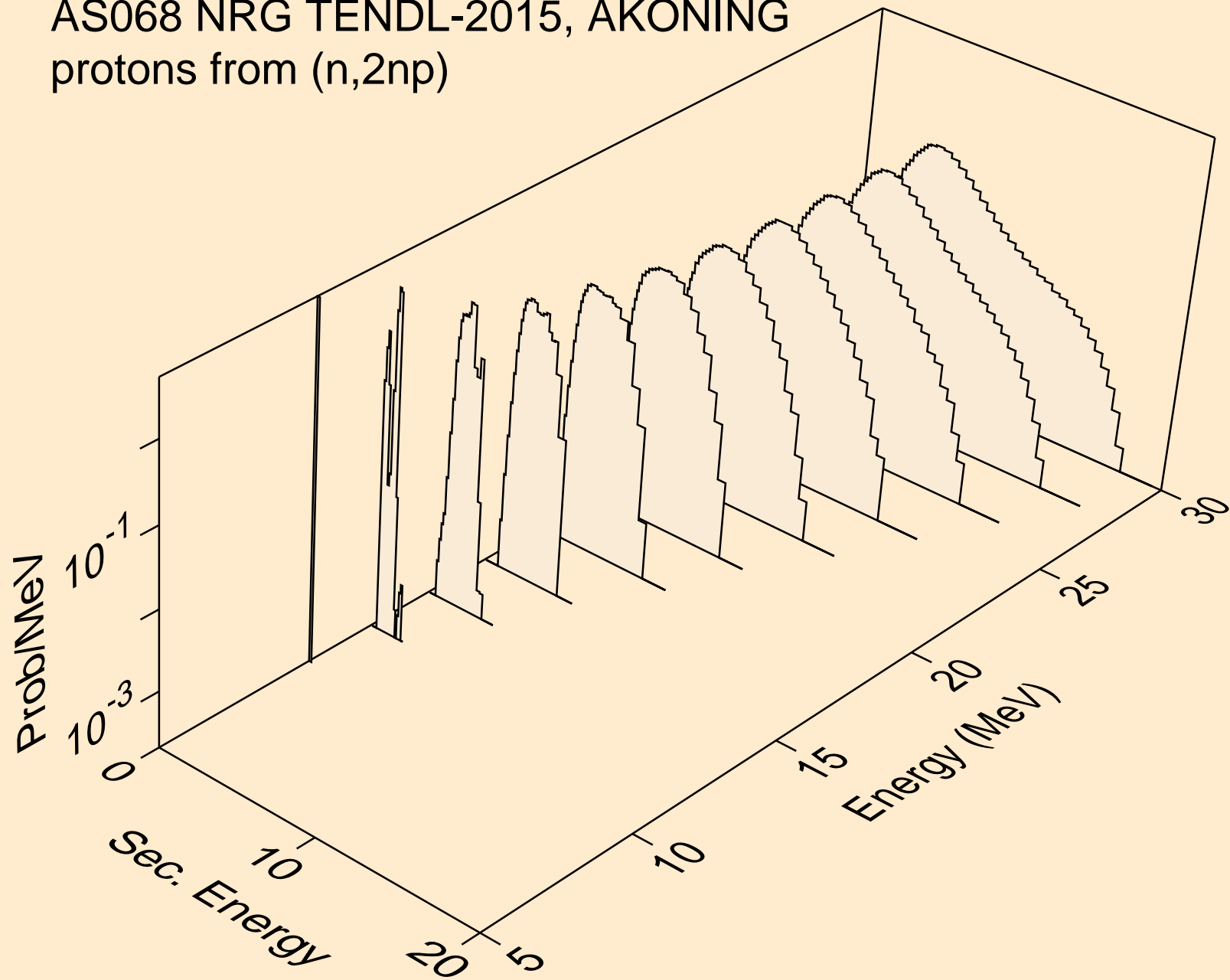
AS068 NRG TENDL-2015, AKONING  
protons from (n,2np)



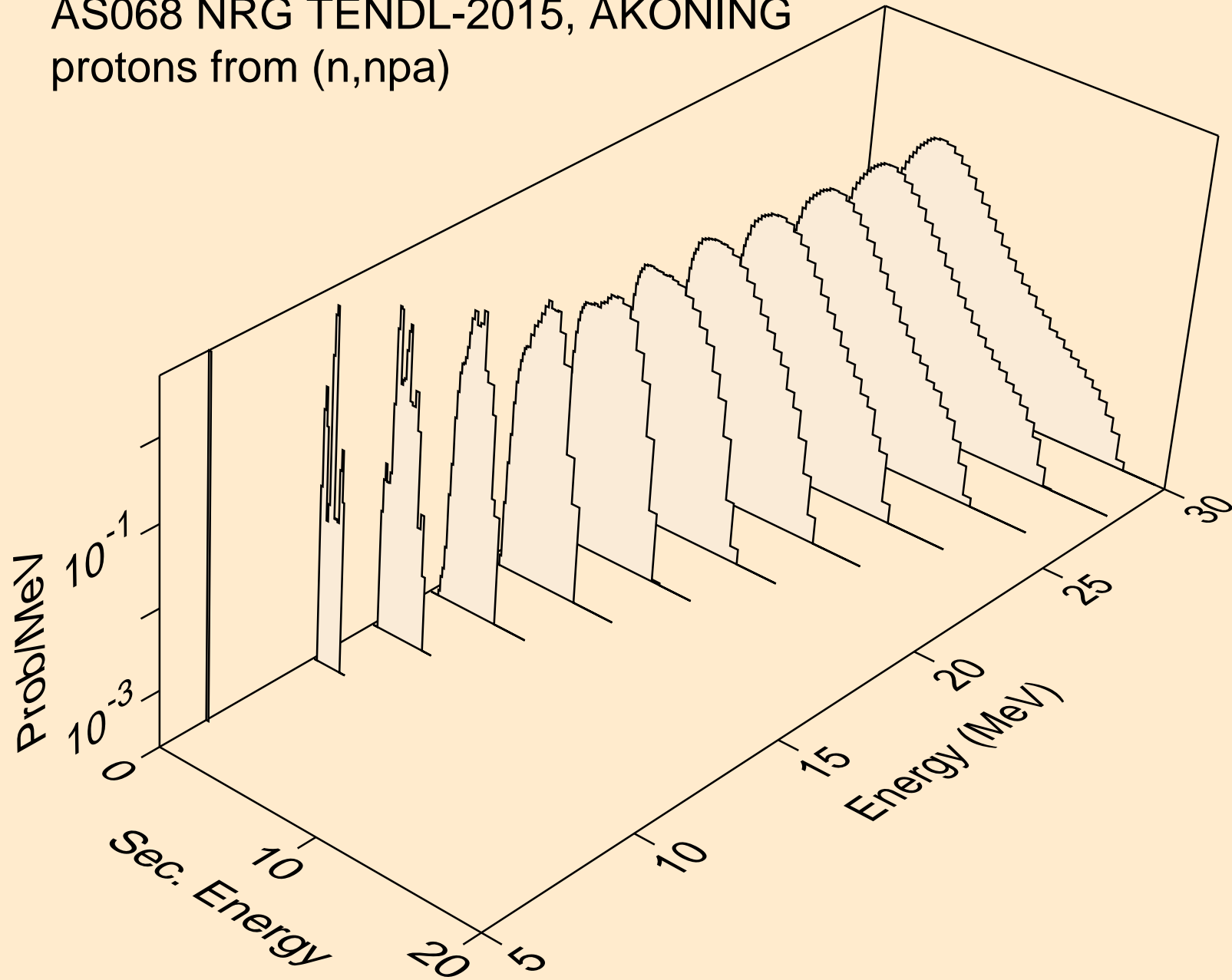
AS068 NRG TENDL-2015, AKONING  
protons from (n,3np)



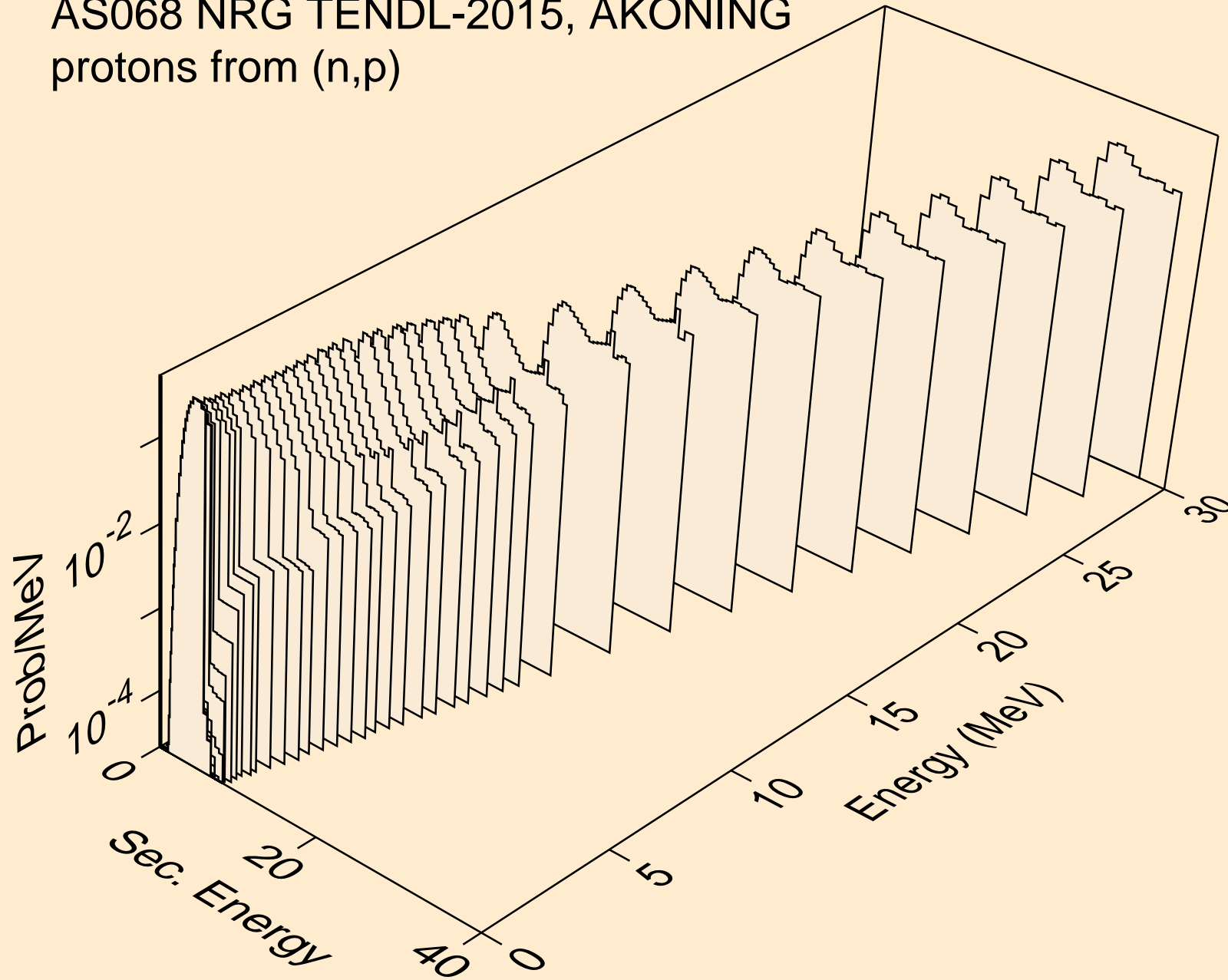
AS068 NRG TENDL-2015, AKONING  
protons from (n,2np)



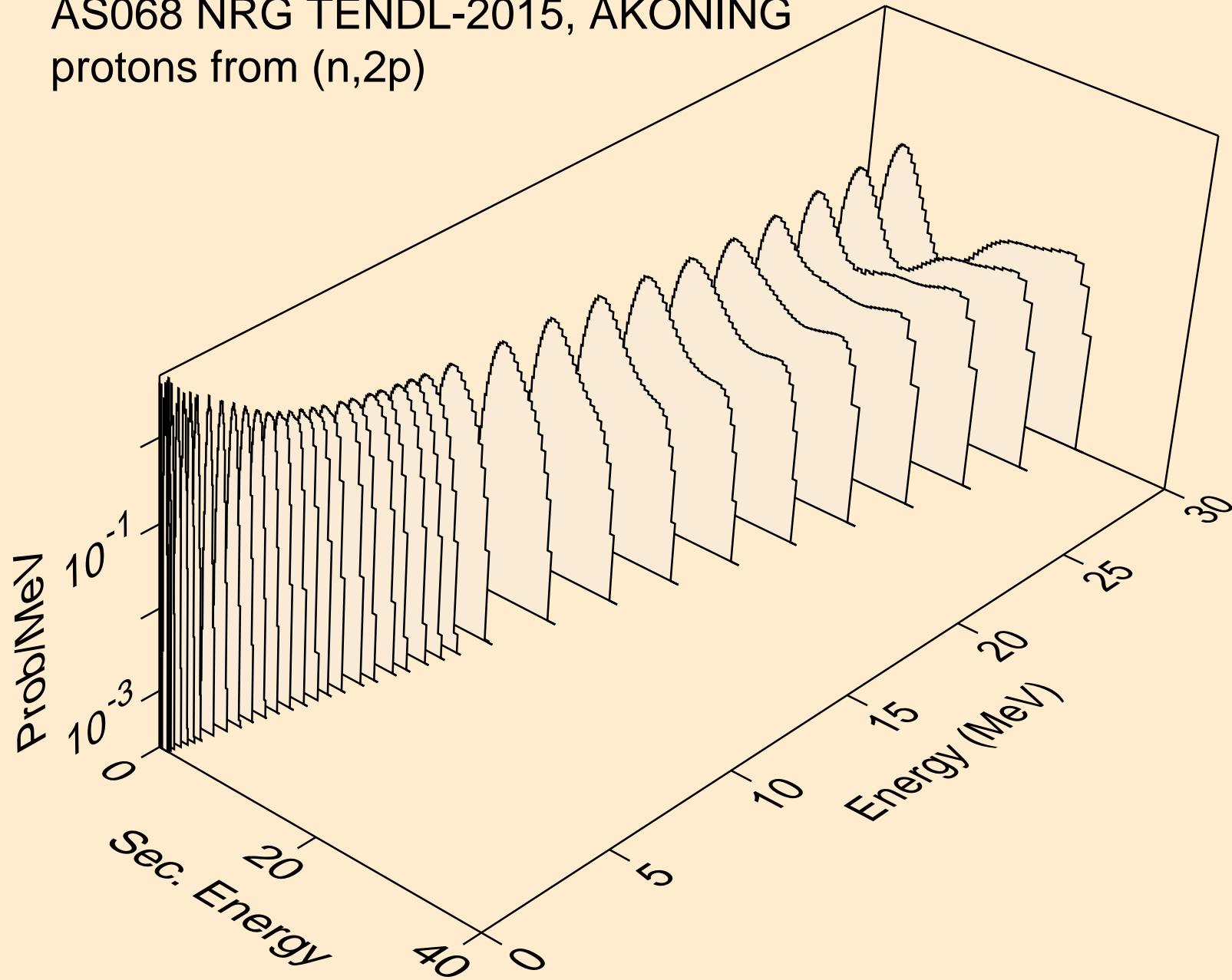
AS068 NRG TENDL-2015, AKONING  
protons from (n,npa)



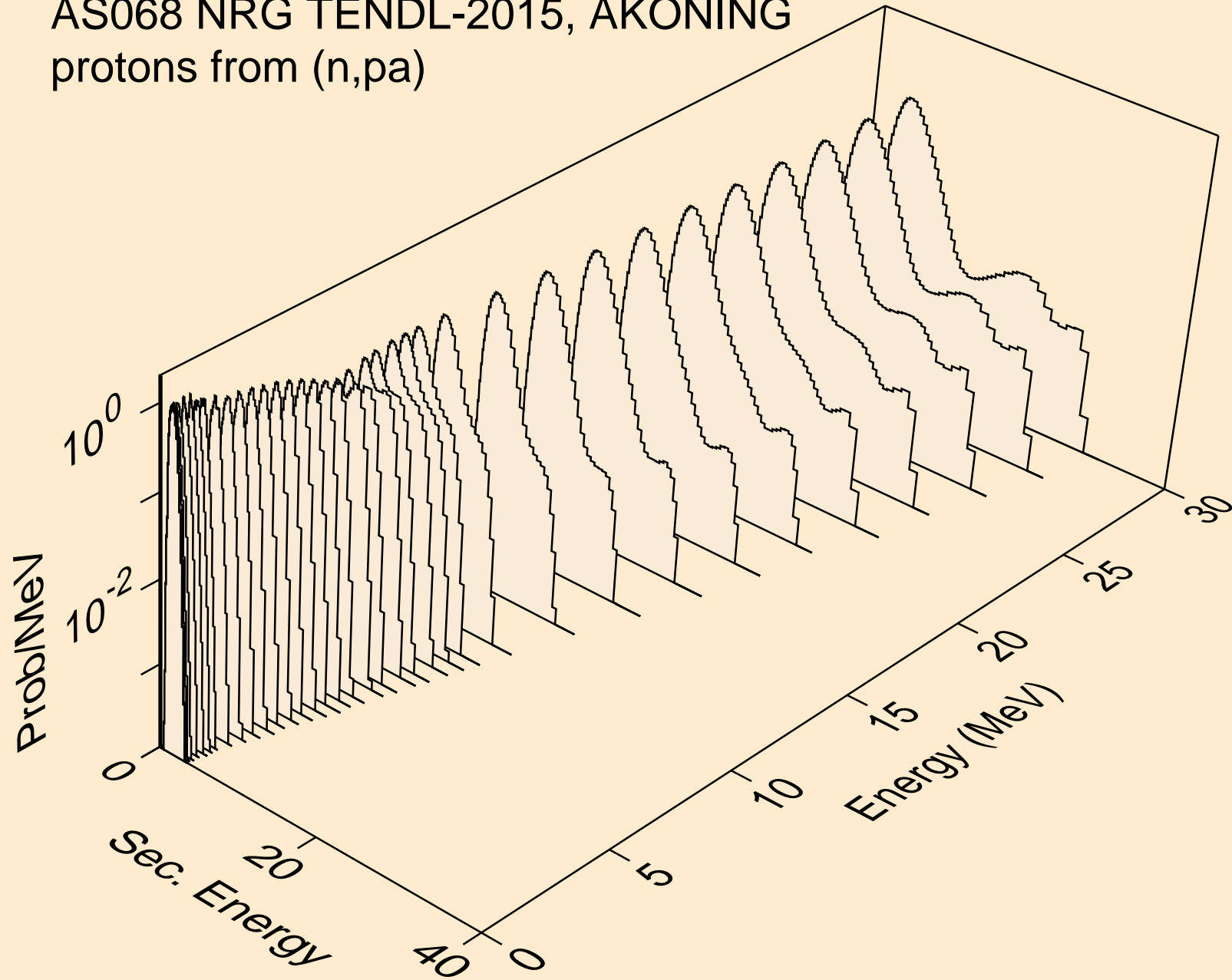
AS068 NRG TENDL-2015, AKONING  
protons from (n,p)



AS068 NRG TENDL-2015, AKONING  
protons from (n,2p)

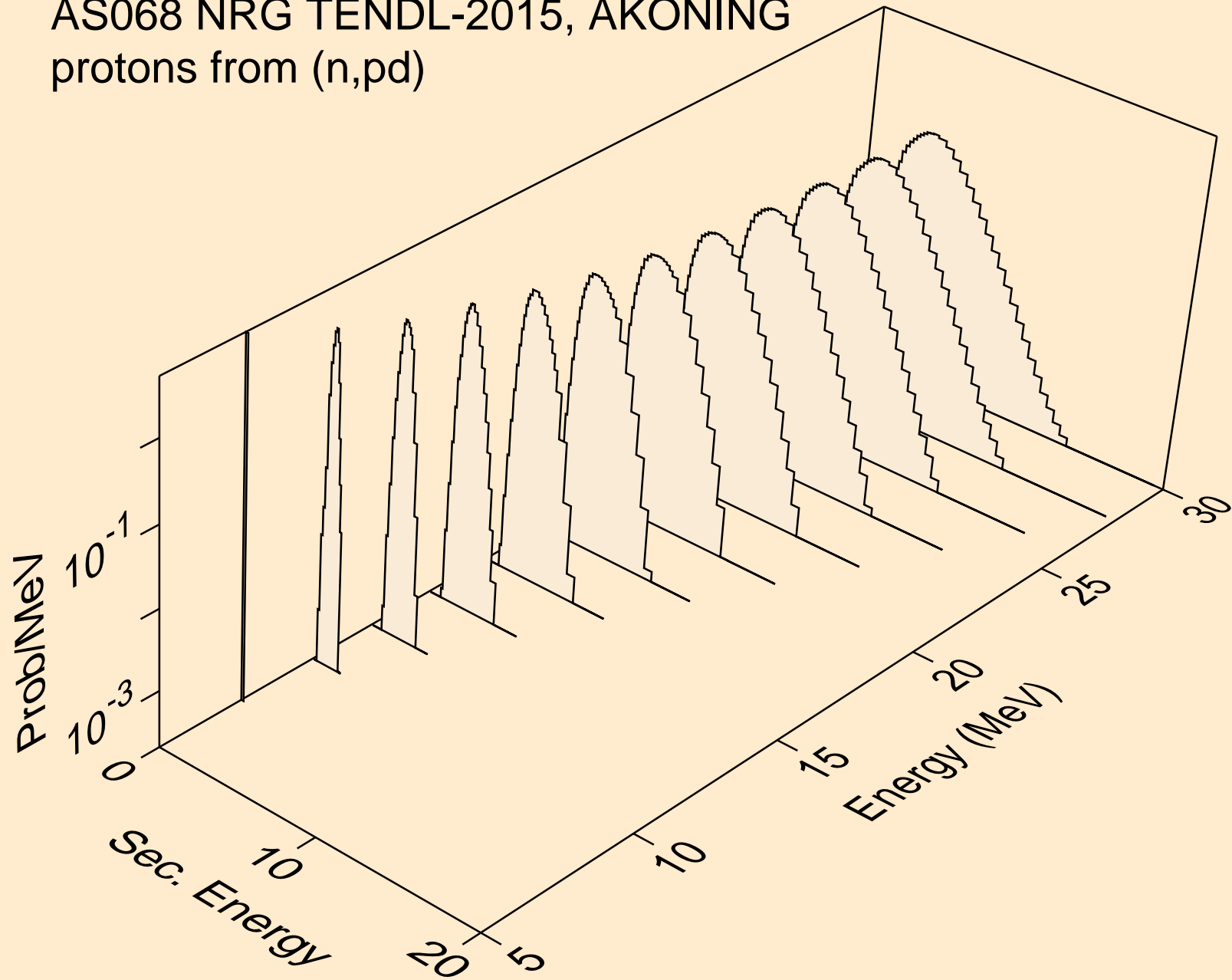


AS068 NRG TENDL-2015, AKONING  
protons from (n,pa)

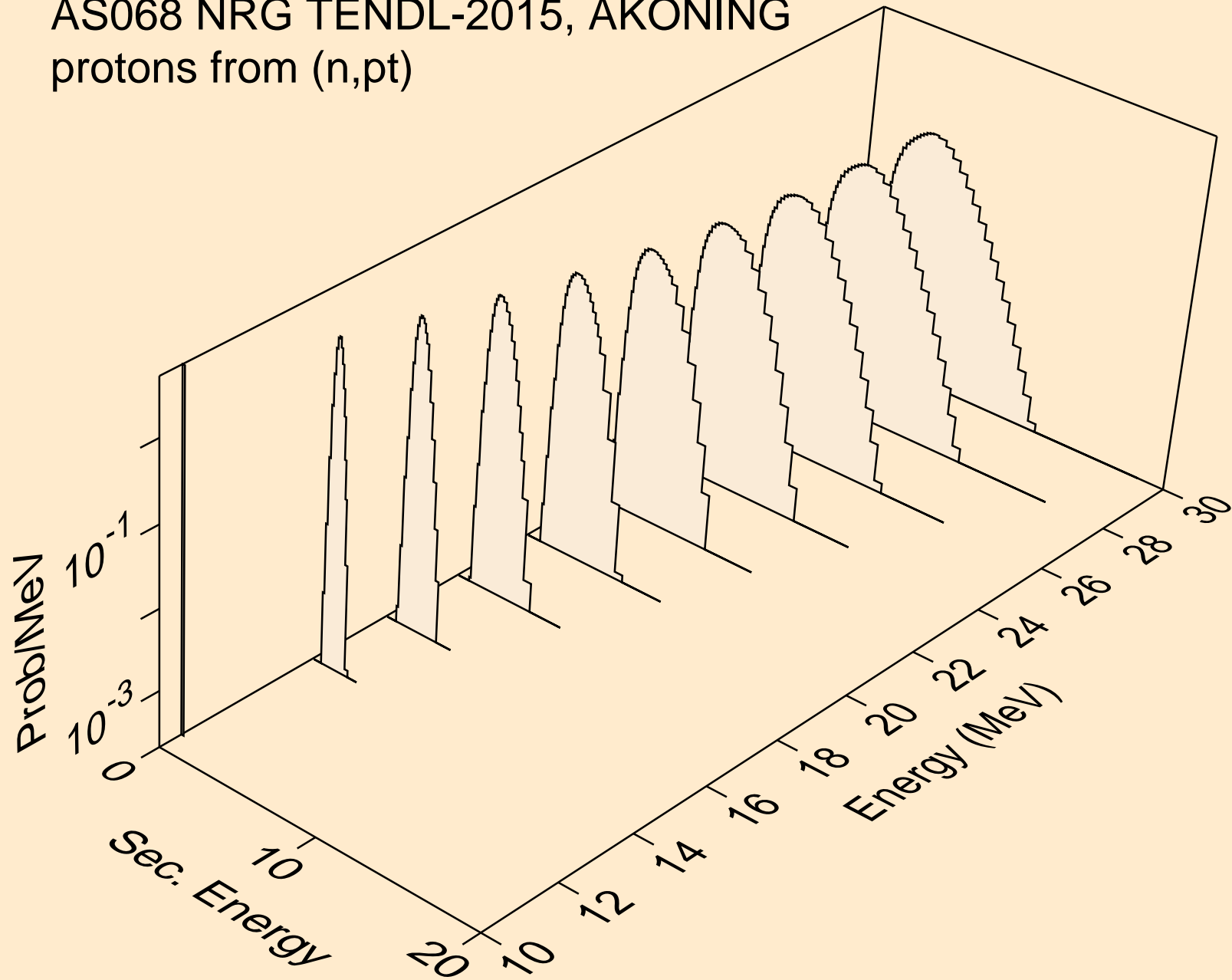




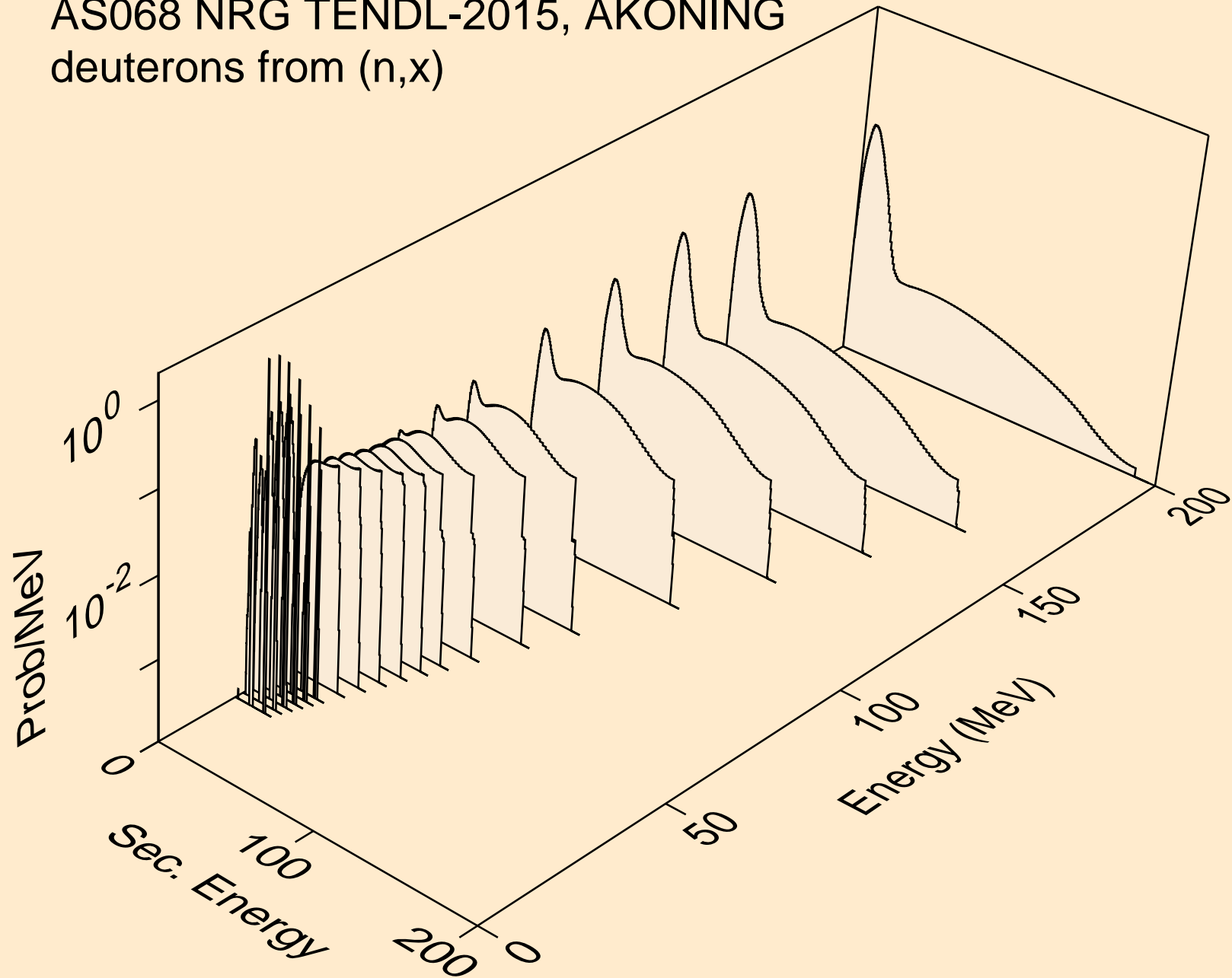
AS068 NRG TENDL-2015, AKONING  
protons from (n,pd)



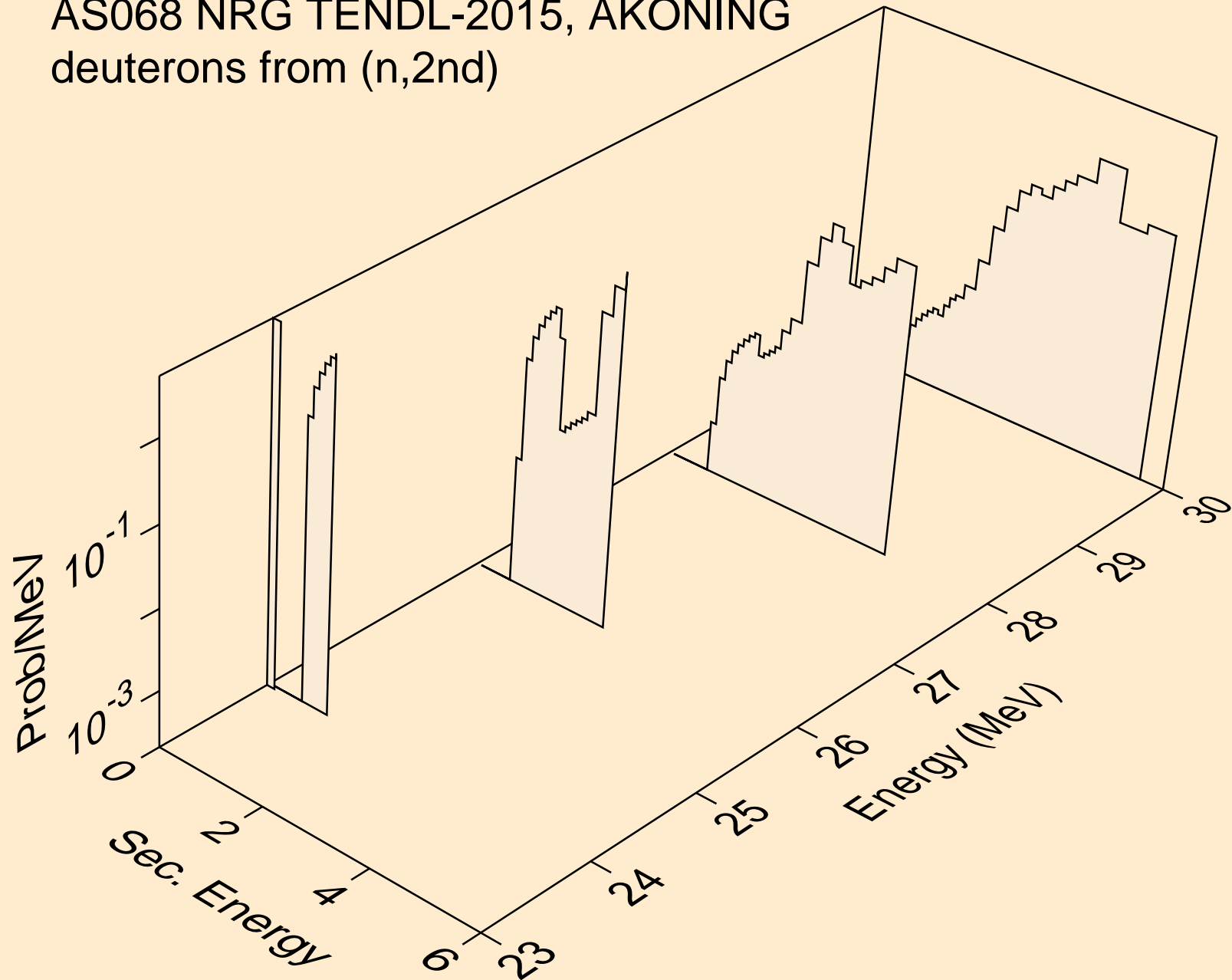
AS068 NRG TENDL-2015, AKONING  
protons from (n,pt)



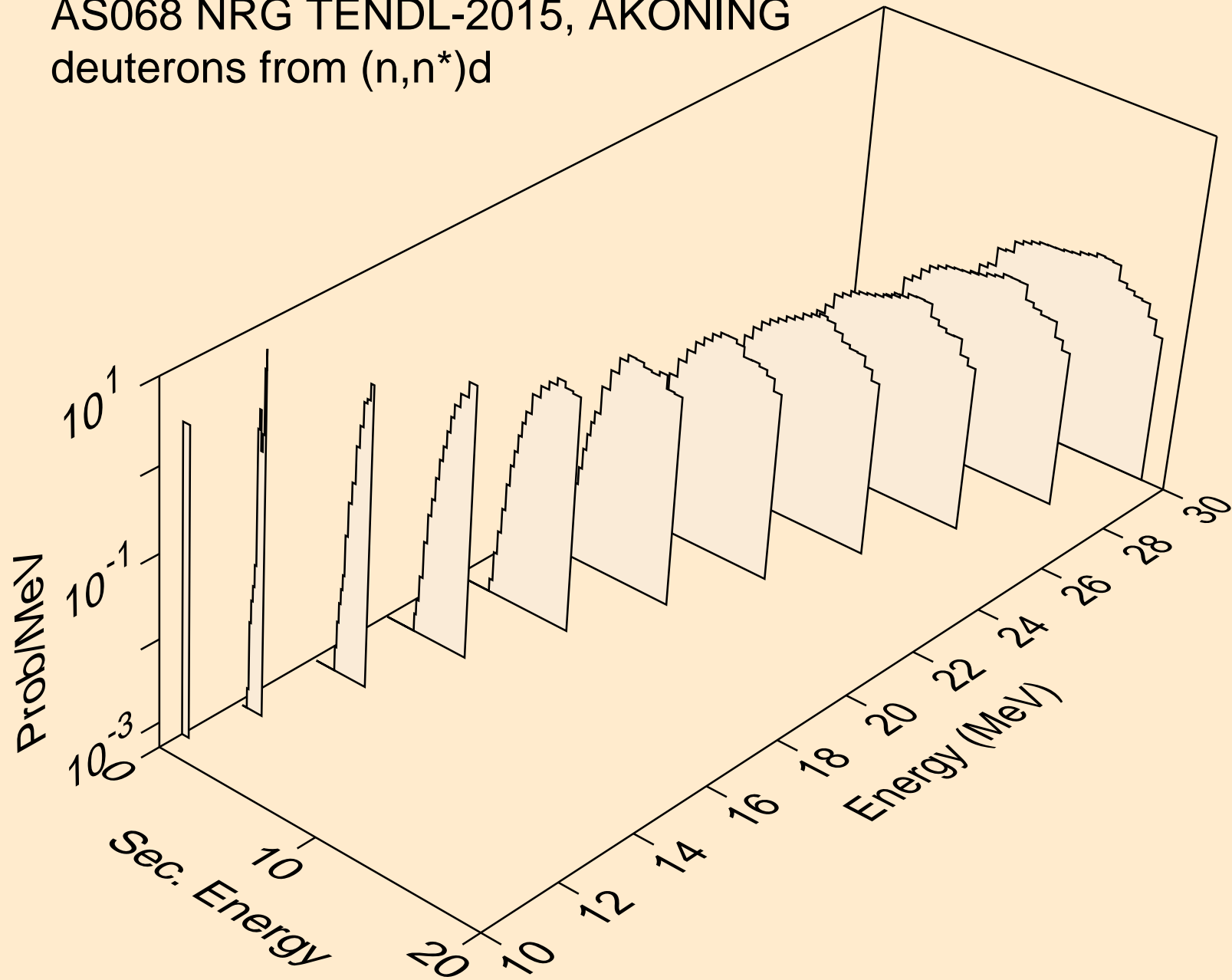
AS068 NRG TENDL-2015, AKONING  
deuterons from (n,x)



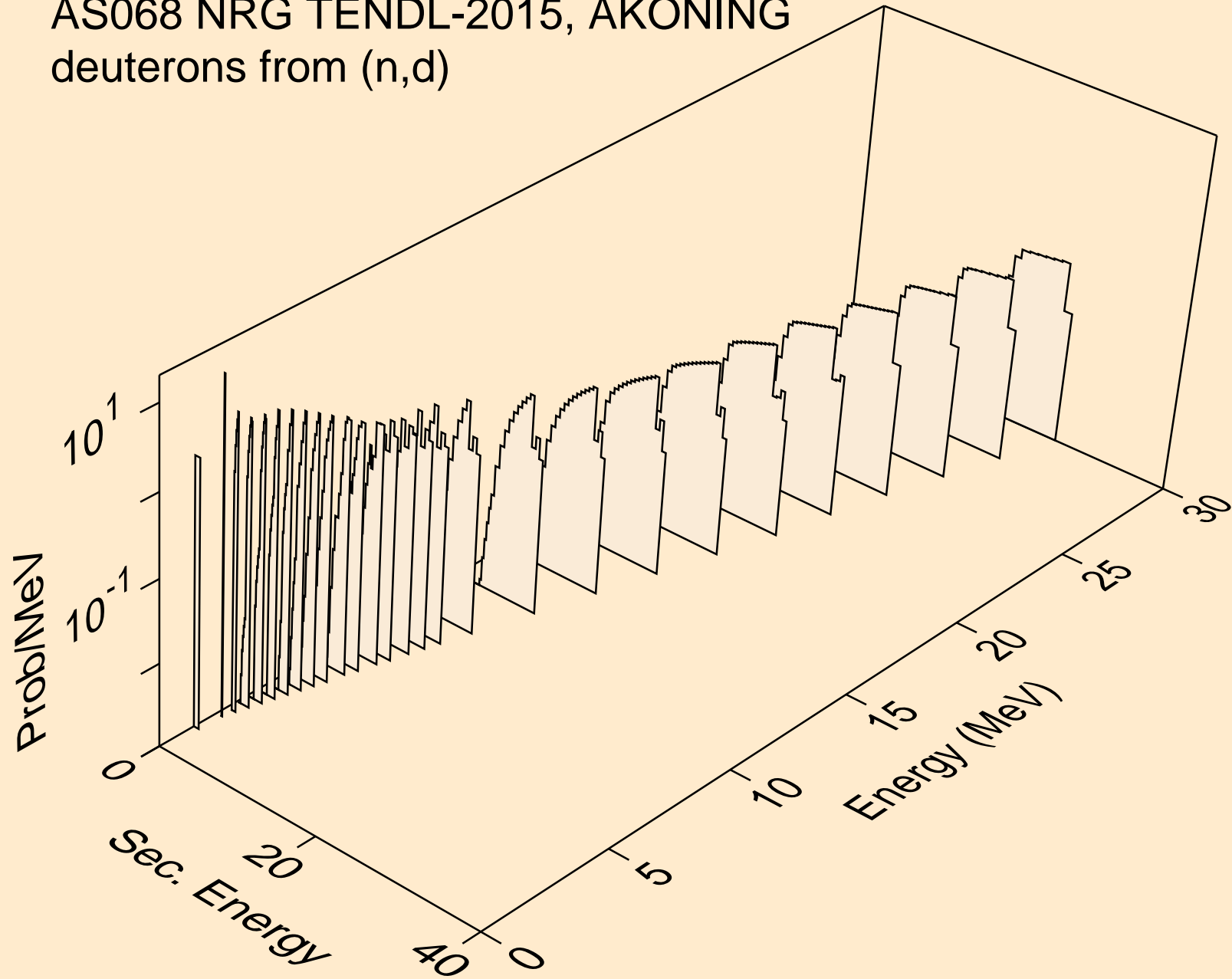
AS068 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



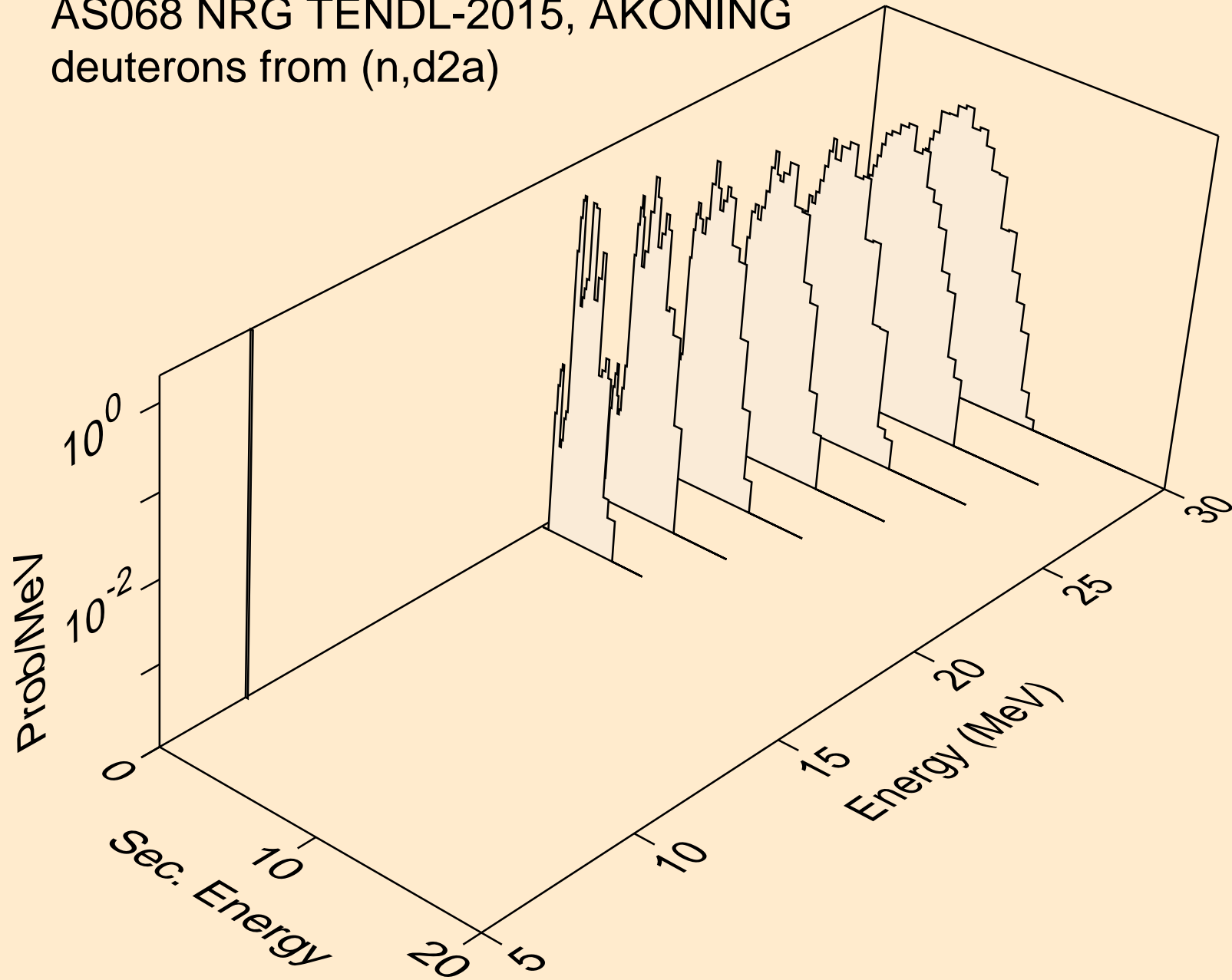
AS068 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



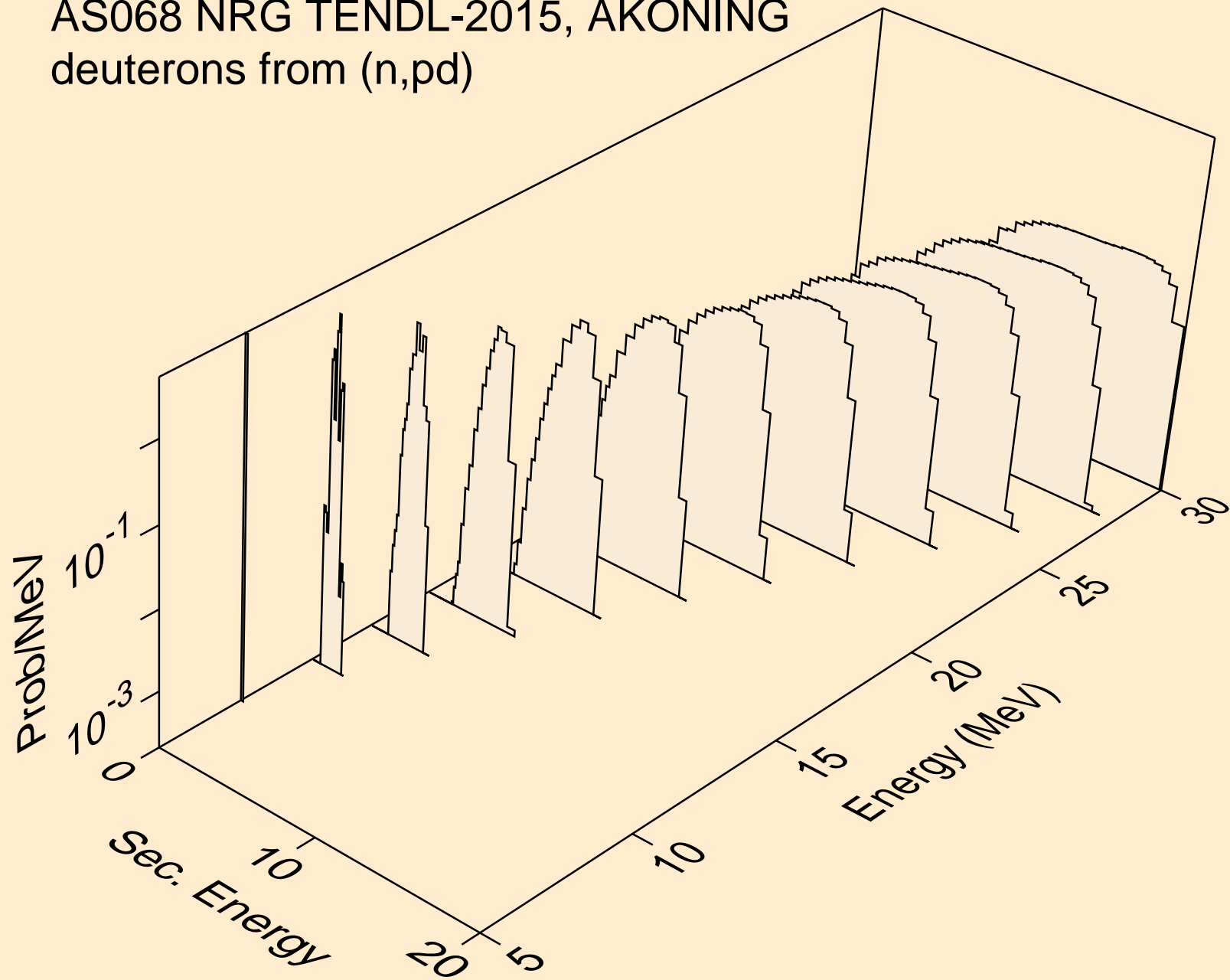
AS068 NRG TENDL-2015, AKONING  
deuterons from (n,d)



AS068 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

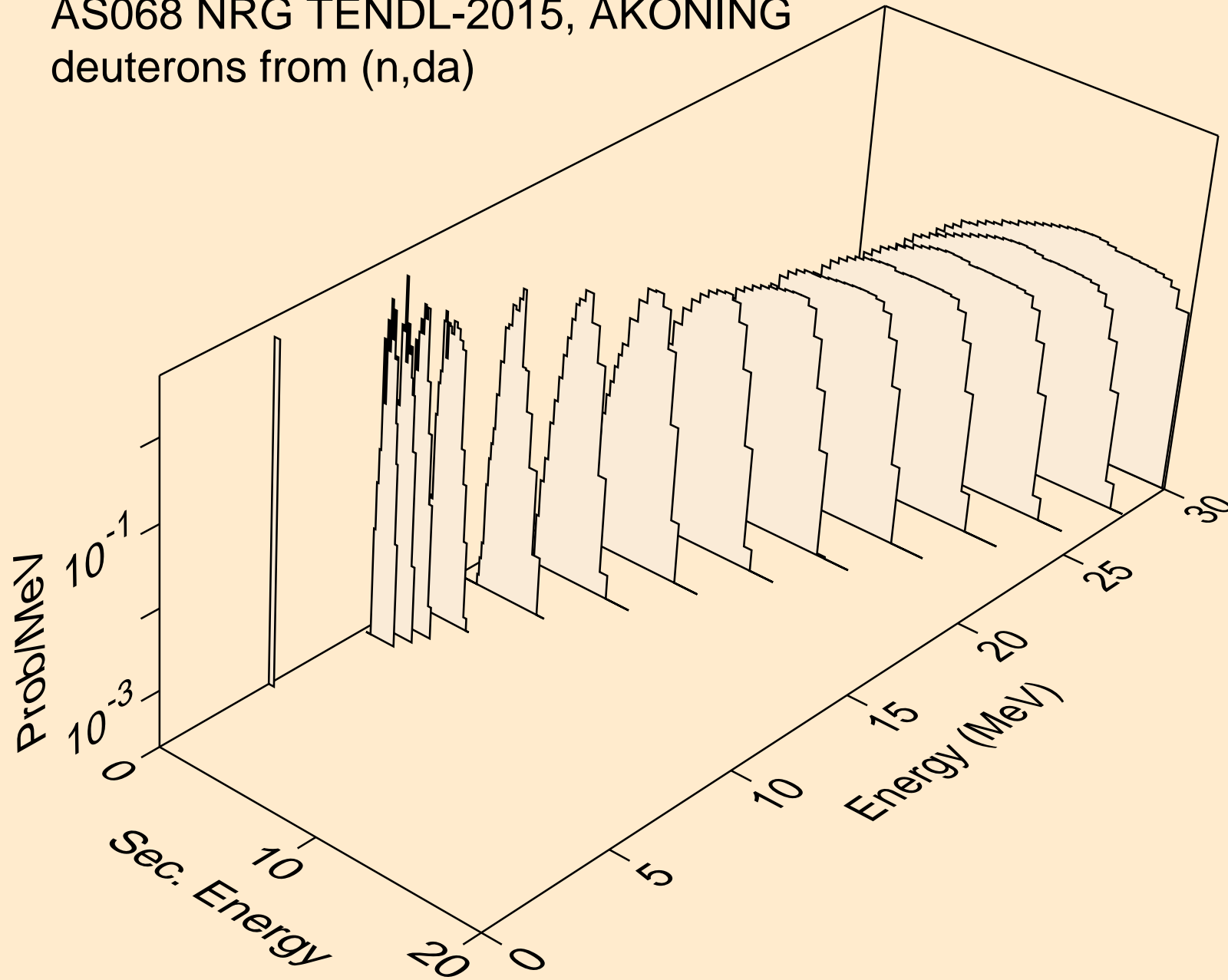


AS068 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

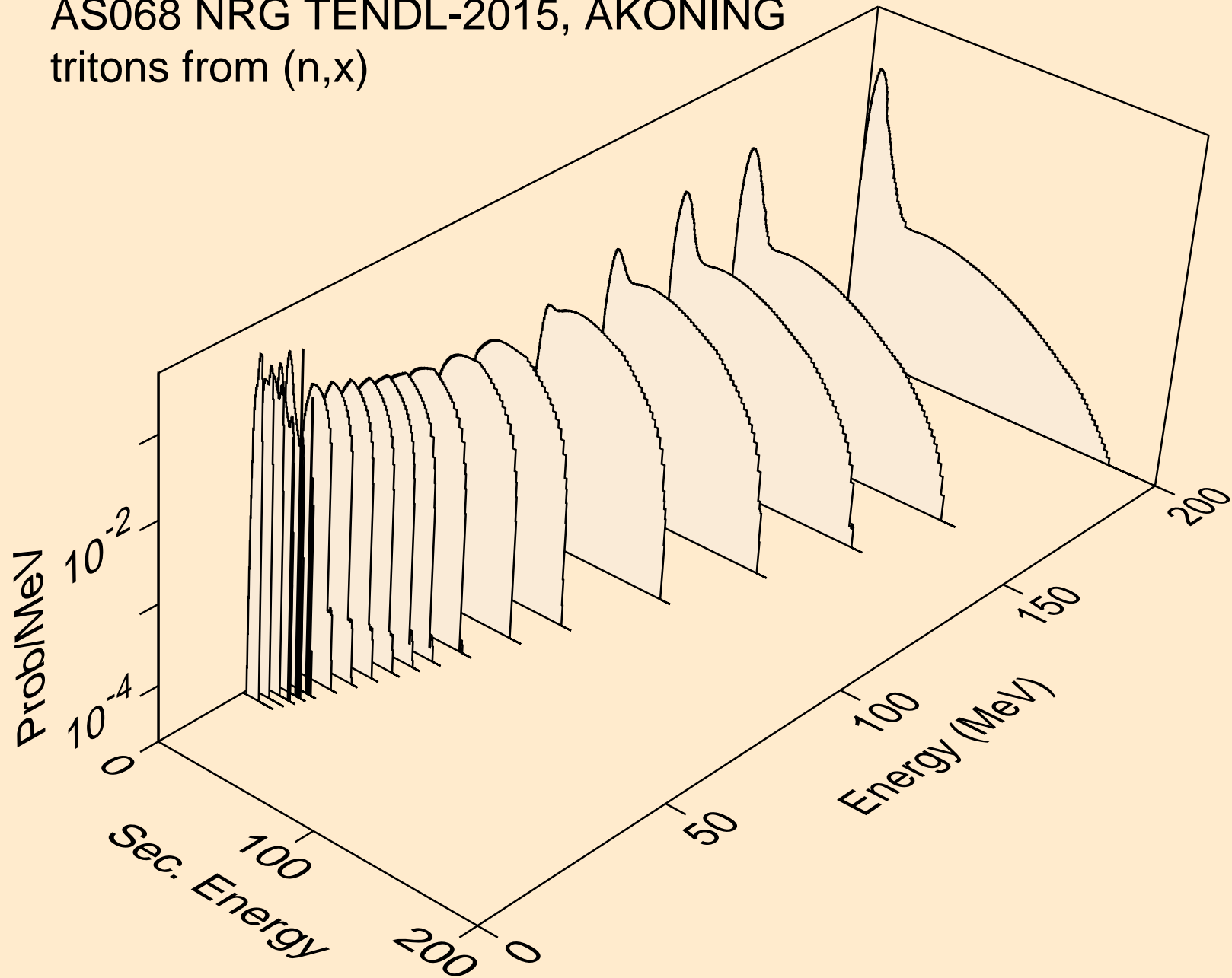




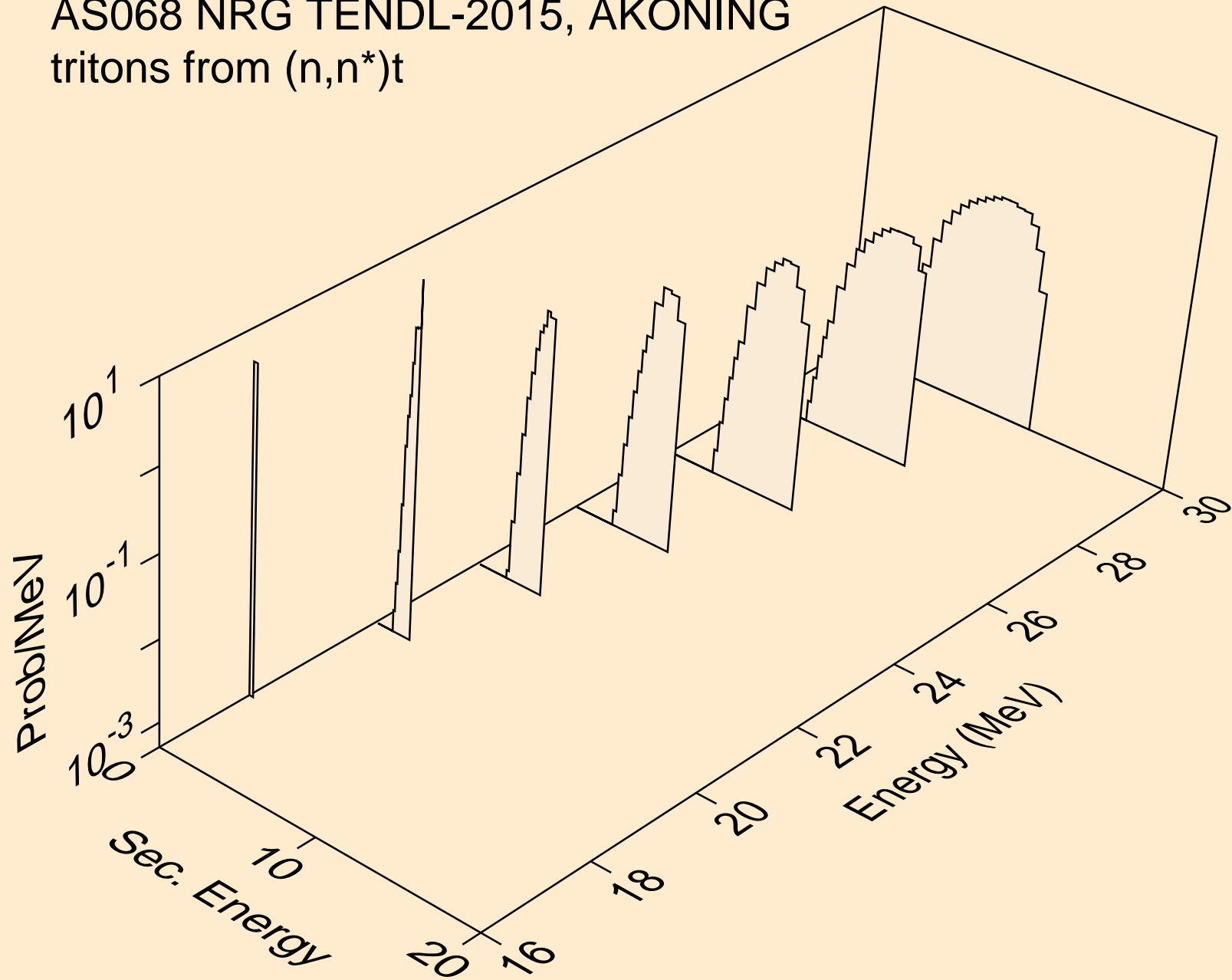
AS068 NRG TENDL-2015, AKONING  
deuterons from (n,da)



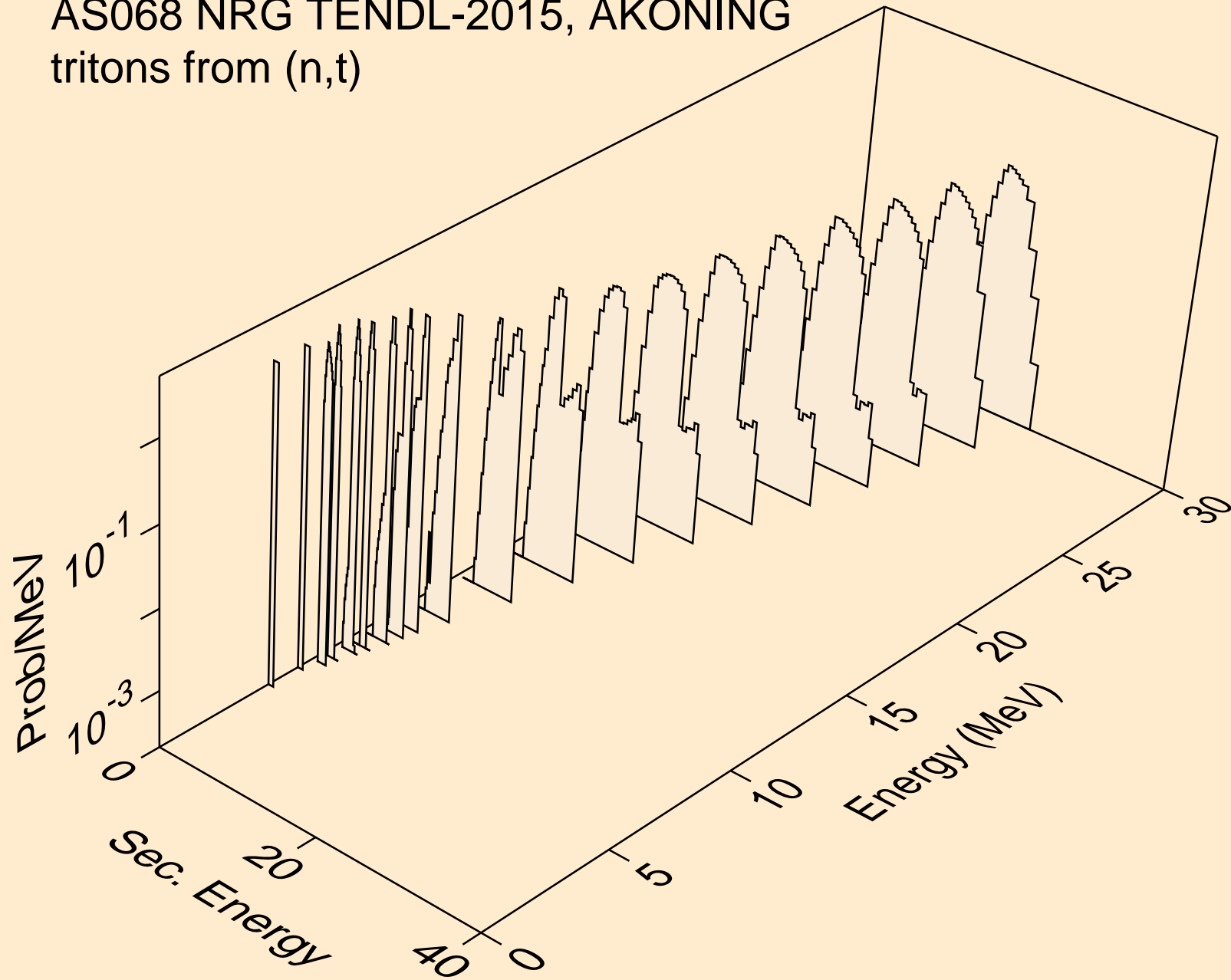
AS068 NRG TENDL-2015, AKONING  
tritons from (n,x)



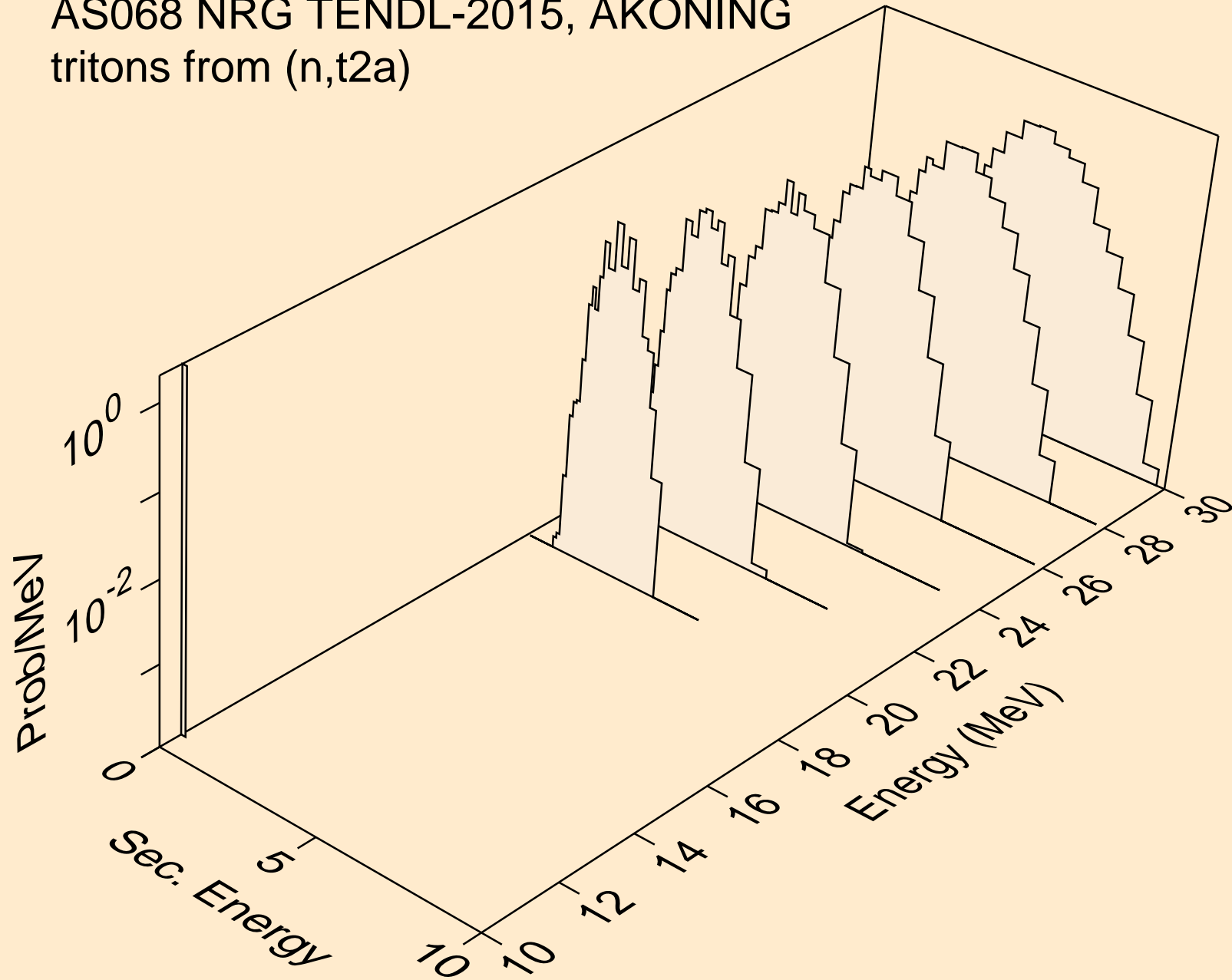
AS068 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



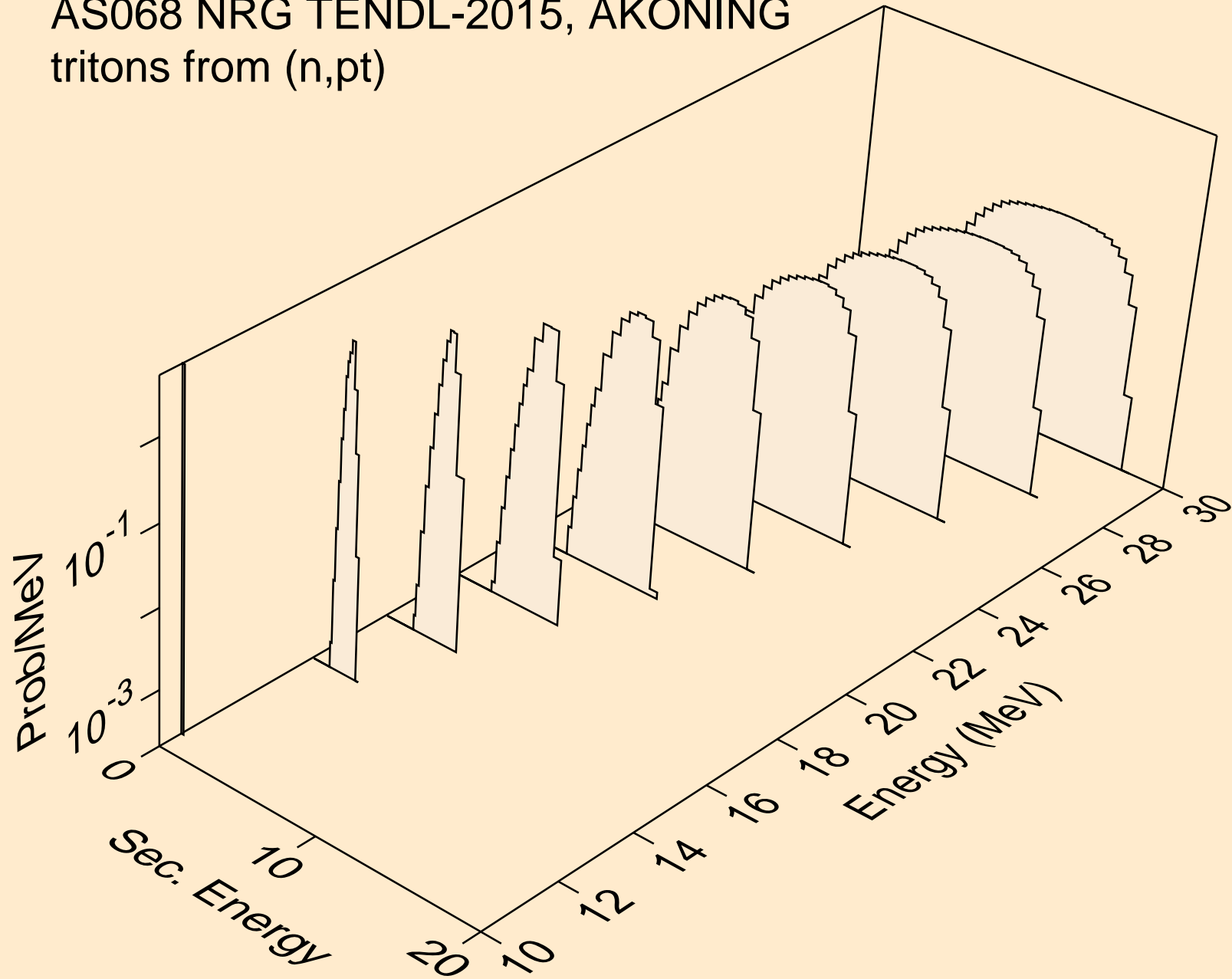
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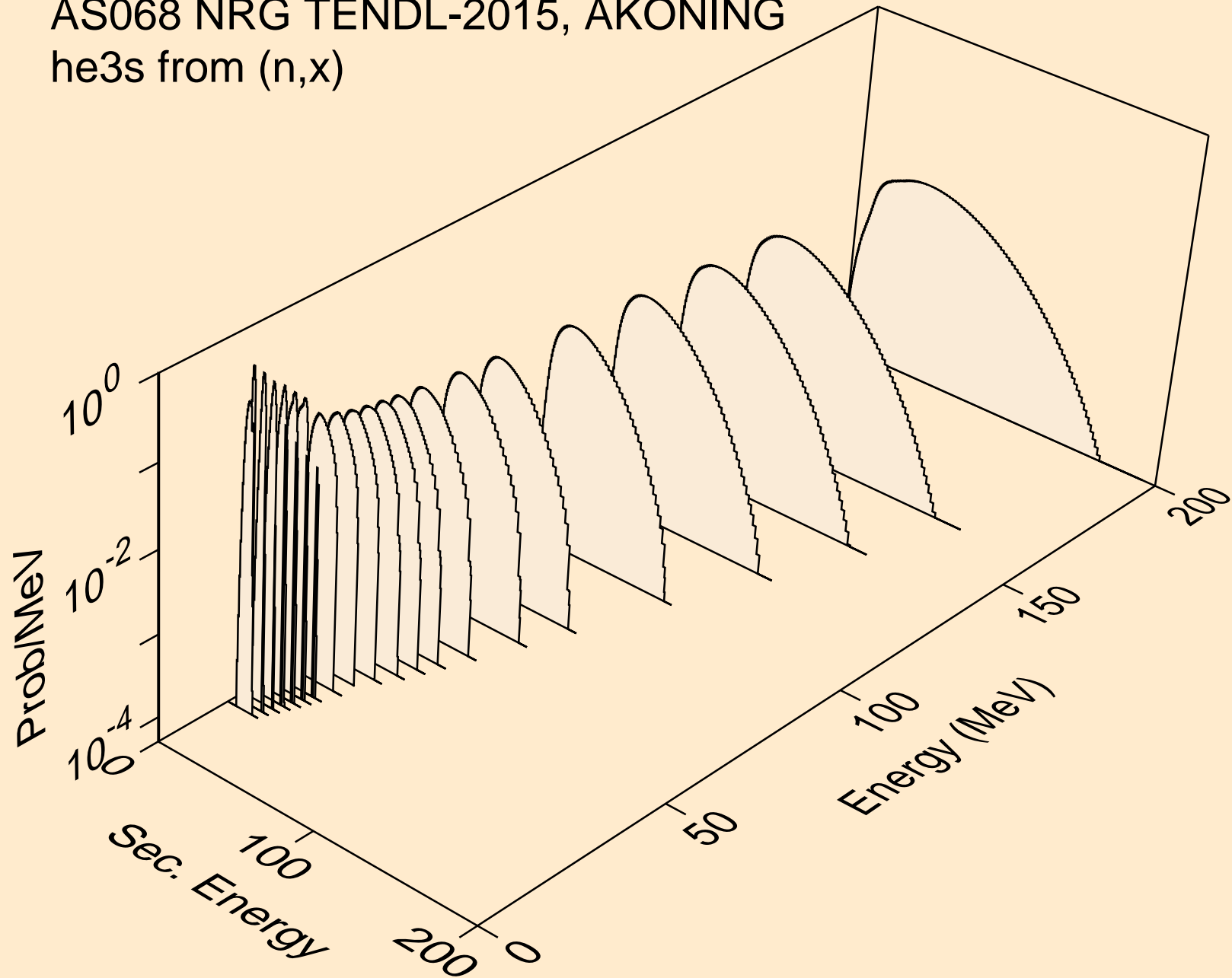
AS068 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



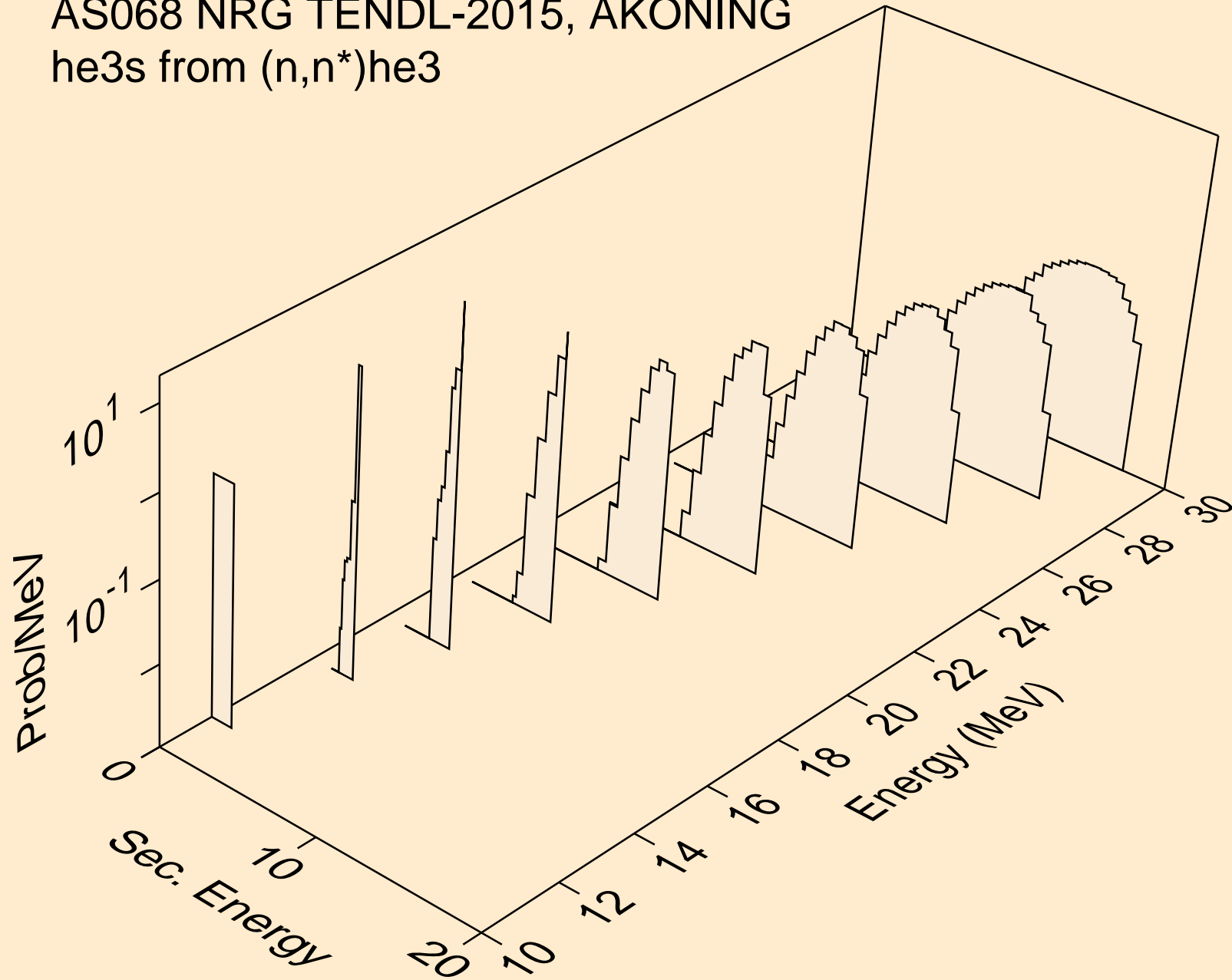
AS068 NRG TENDL-2015, AKONING  
tritons from (n,pt)



AS068 NRG TENDL-2015, AKONING  
he3s from (n,x)

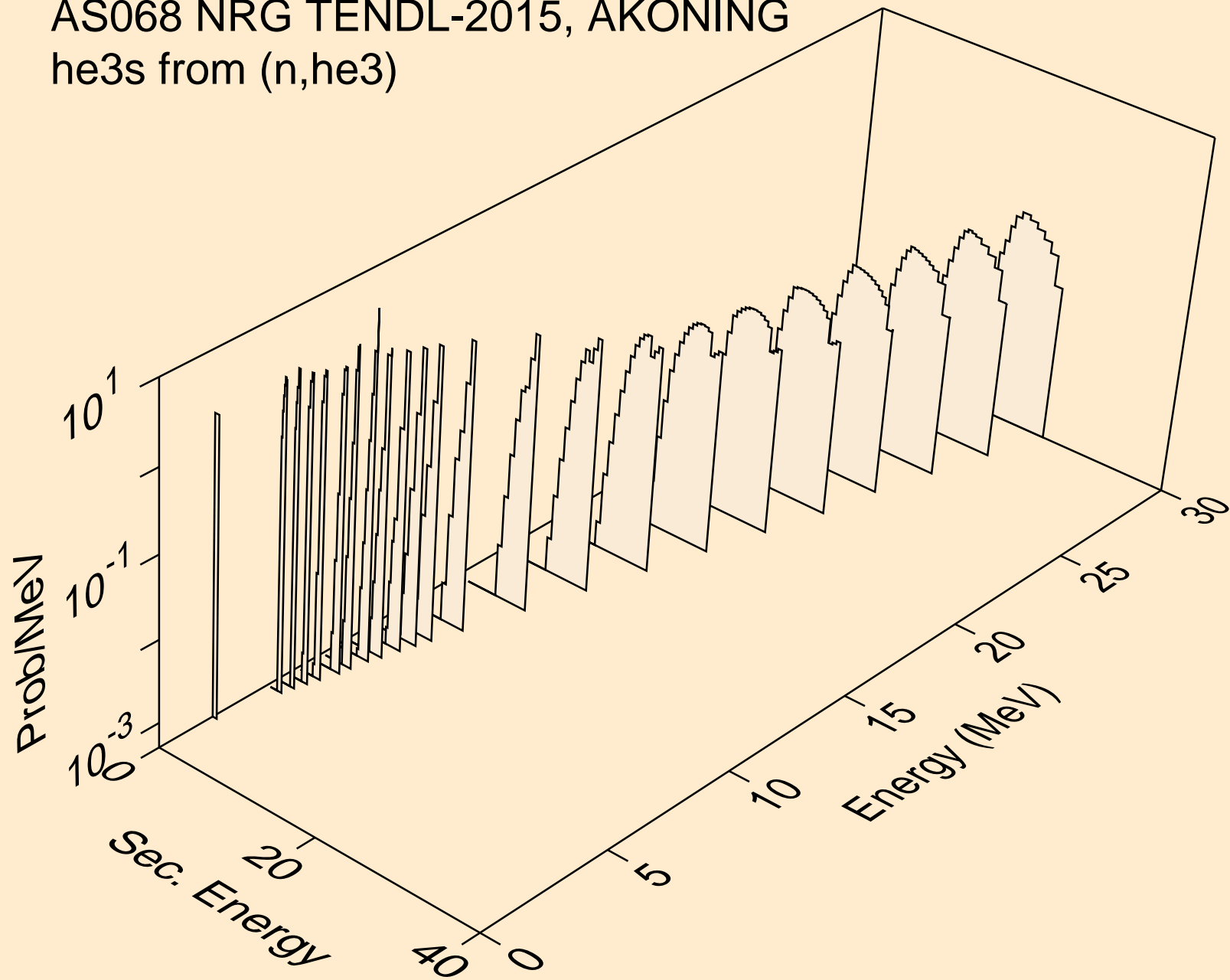


AS068 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

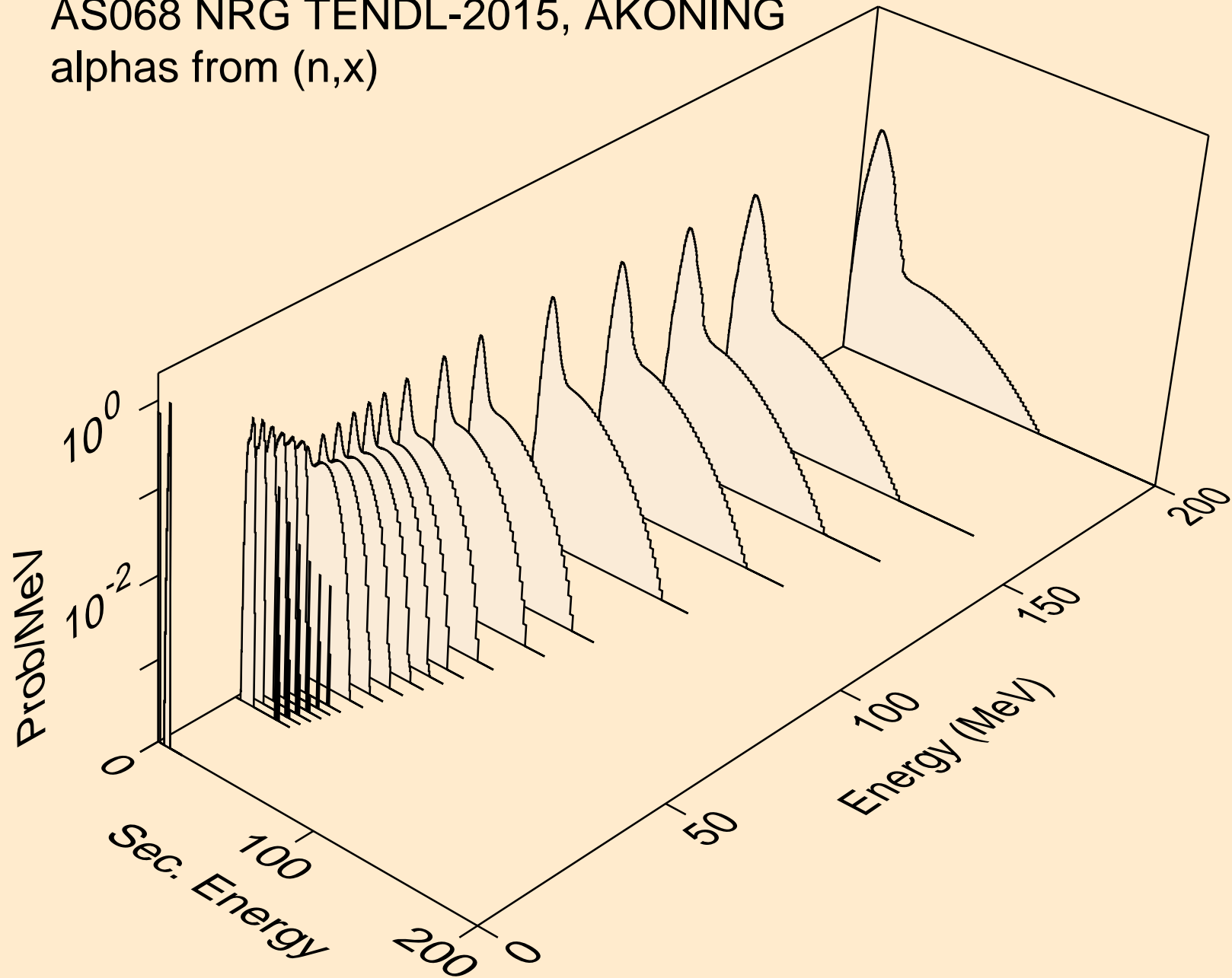




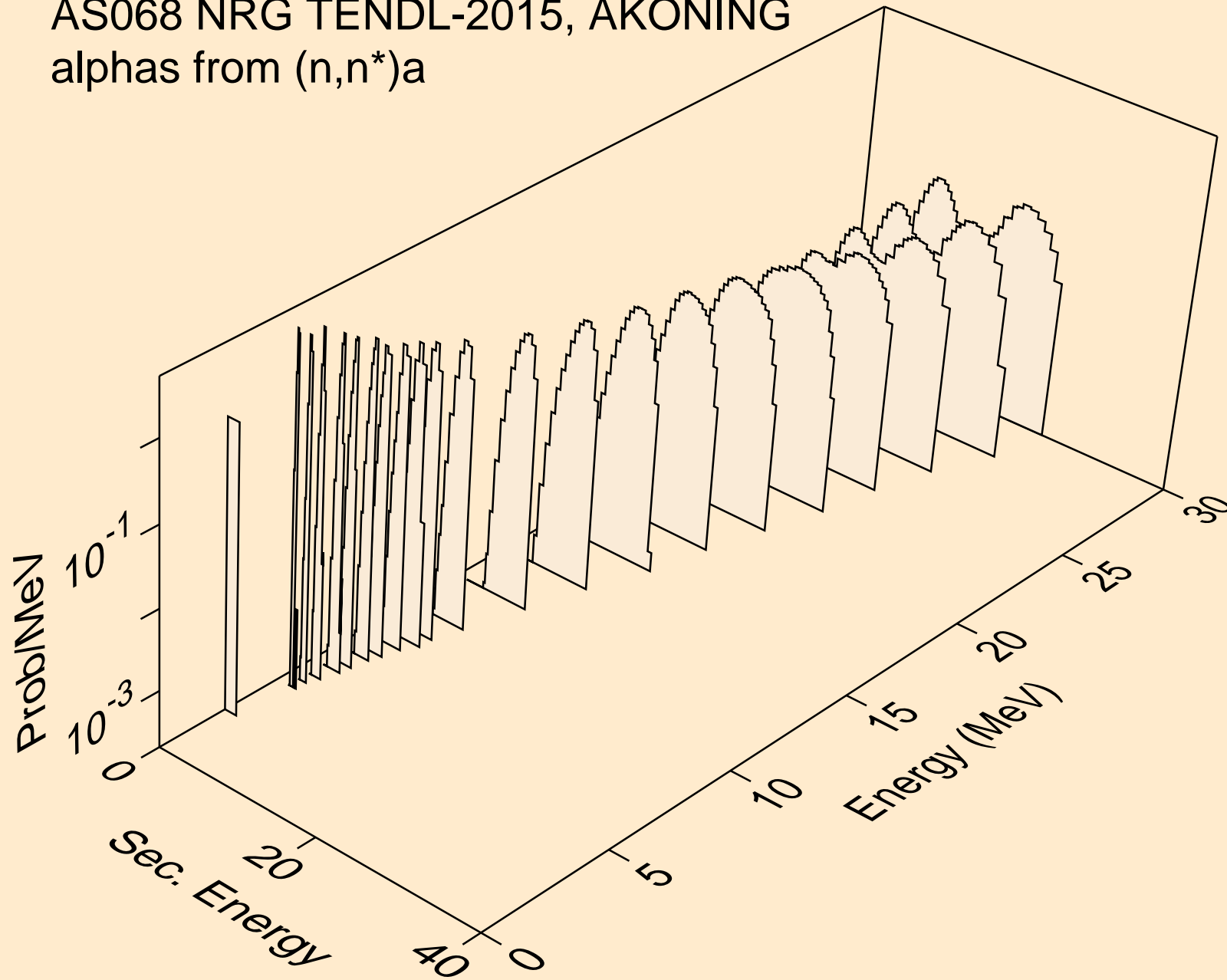
AS068 NRG TENDL-2015, AKONING  
he3s from (n,he3)



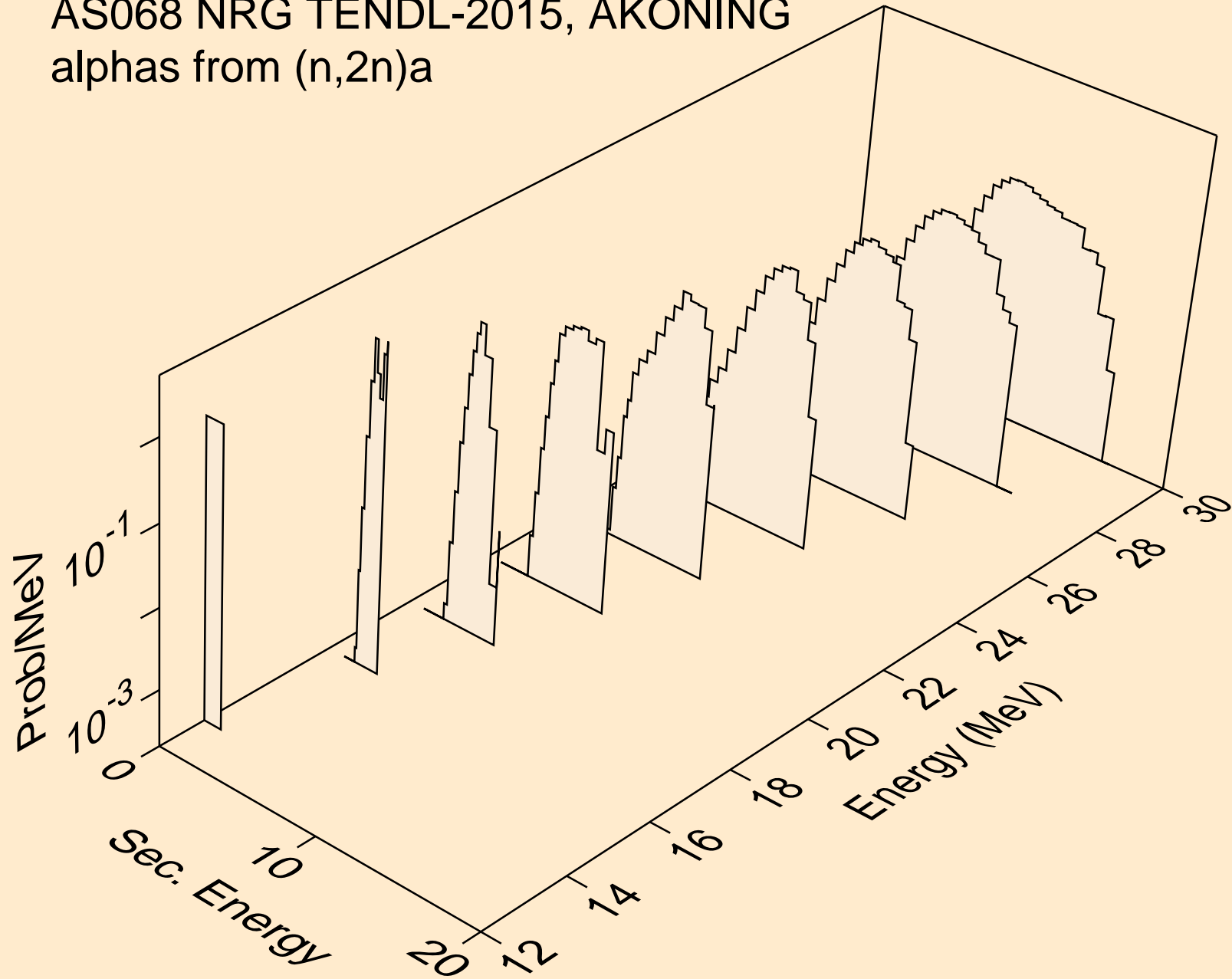
AS068 NRG TENDL-2015, AKONING  
alphas from (n,x)



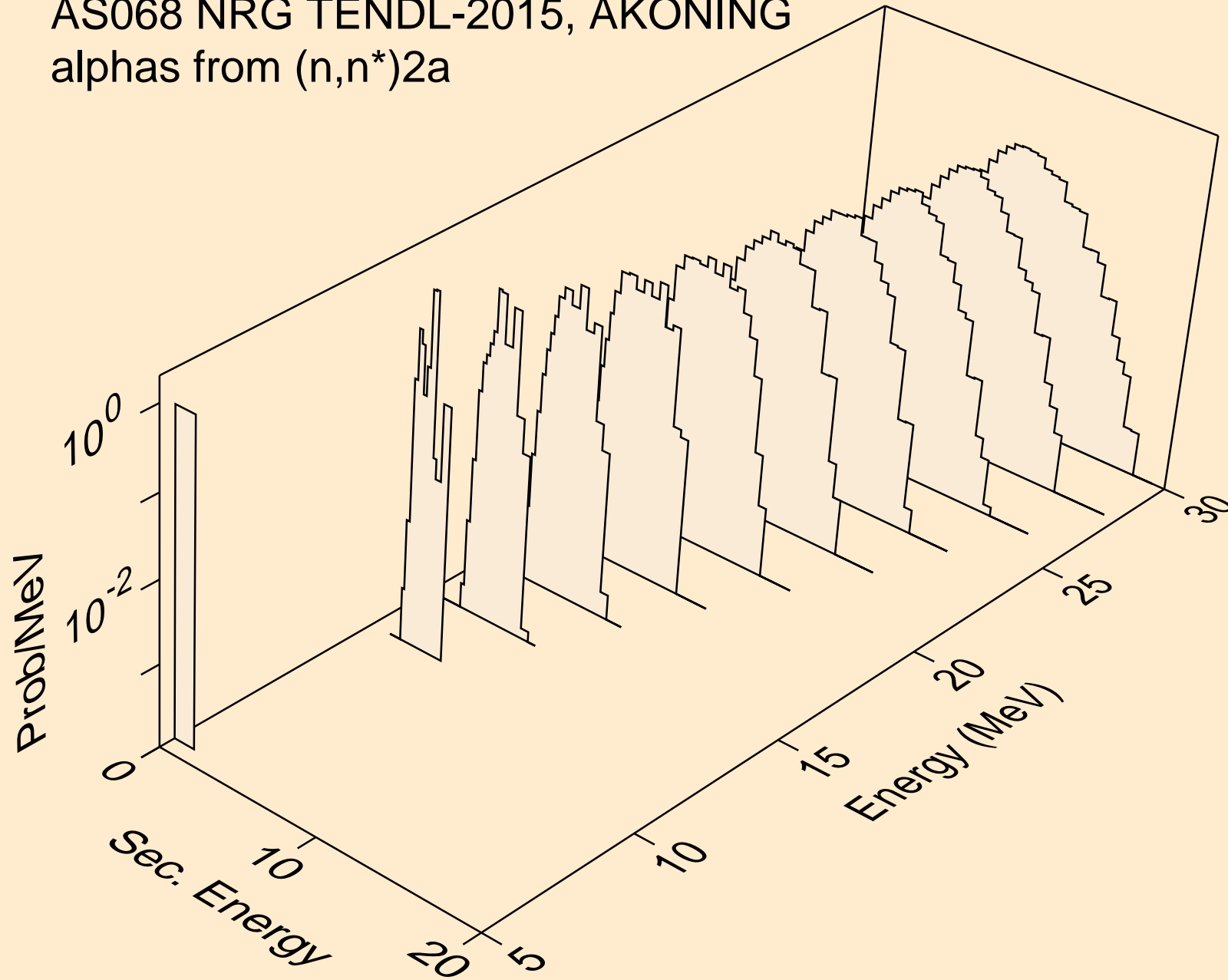
AS068 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



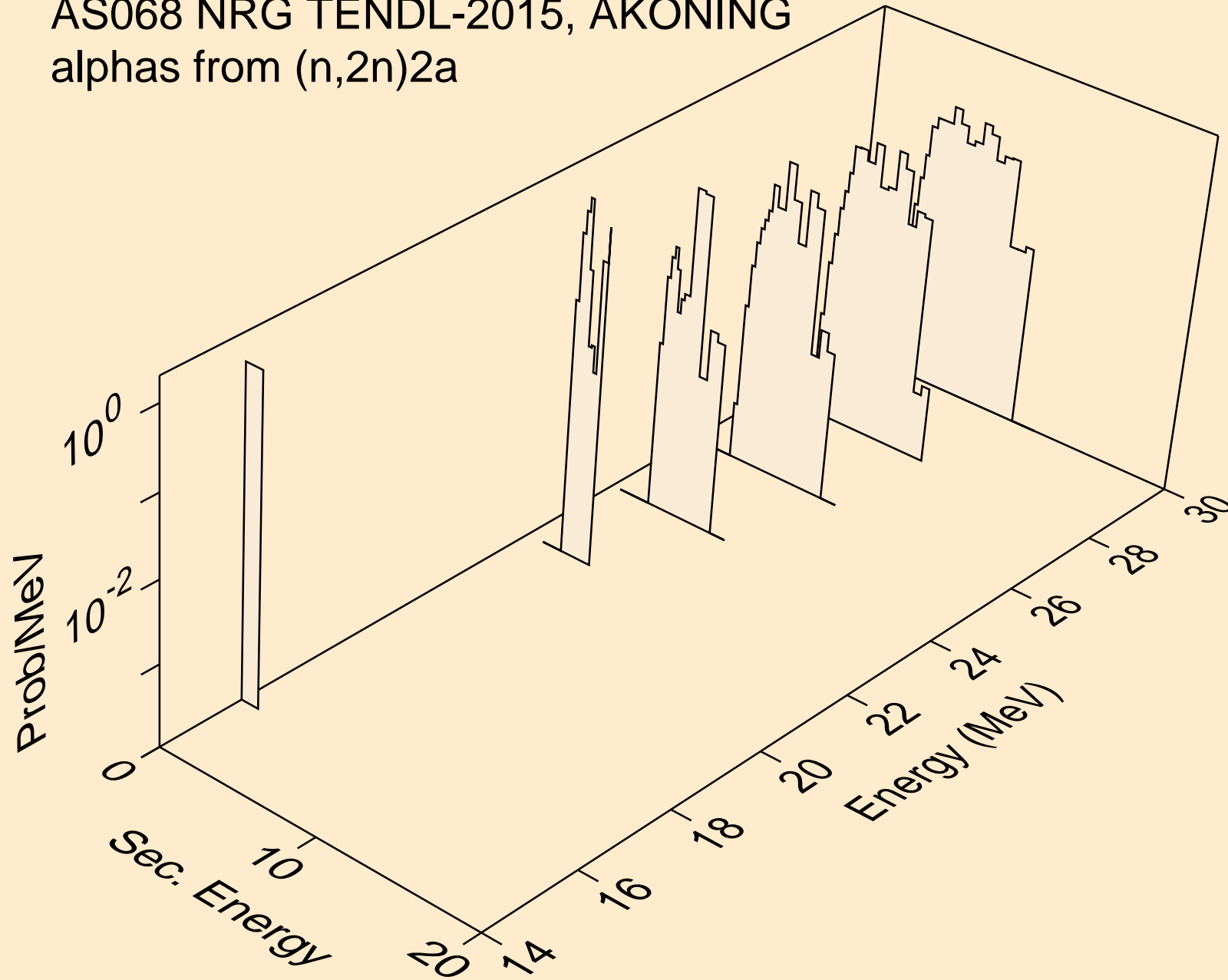
AS068 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



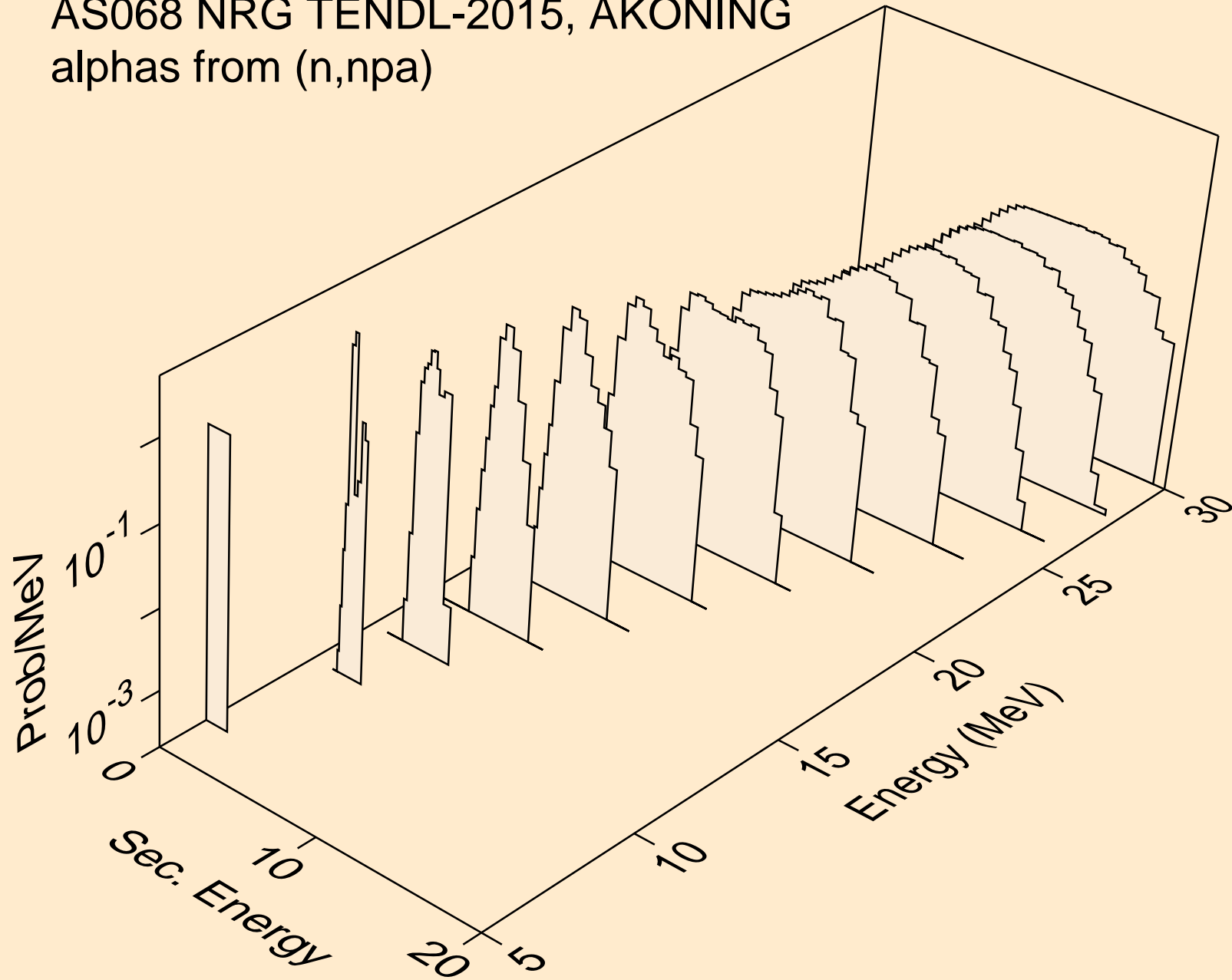
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alphas from (n,n\*)2a



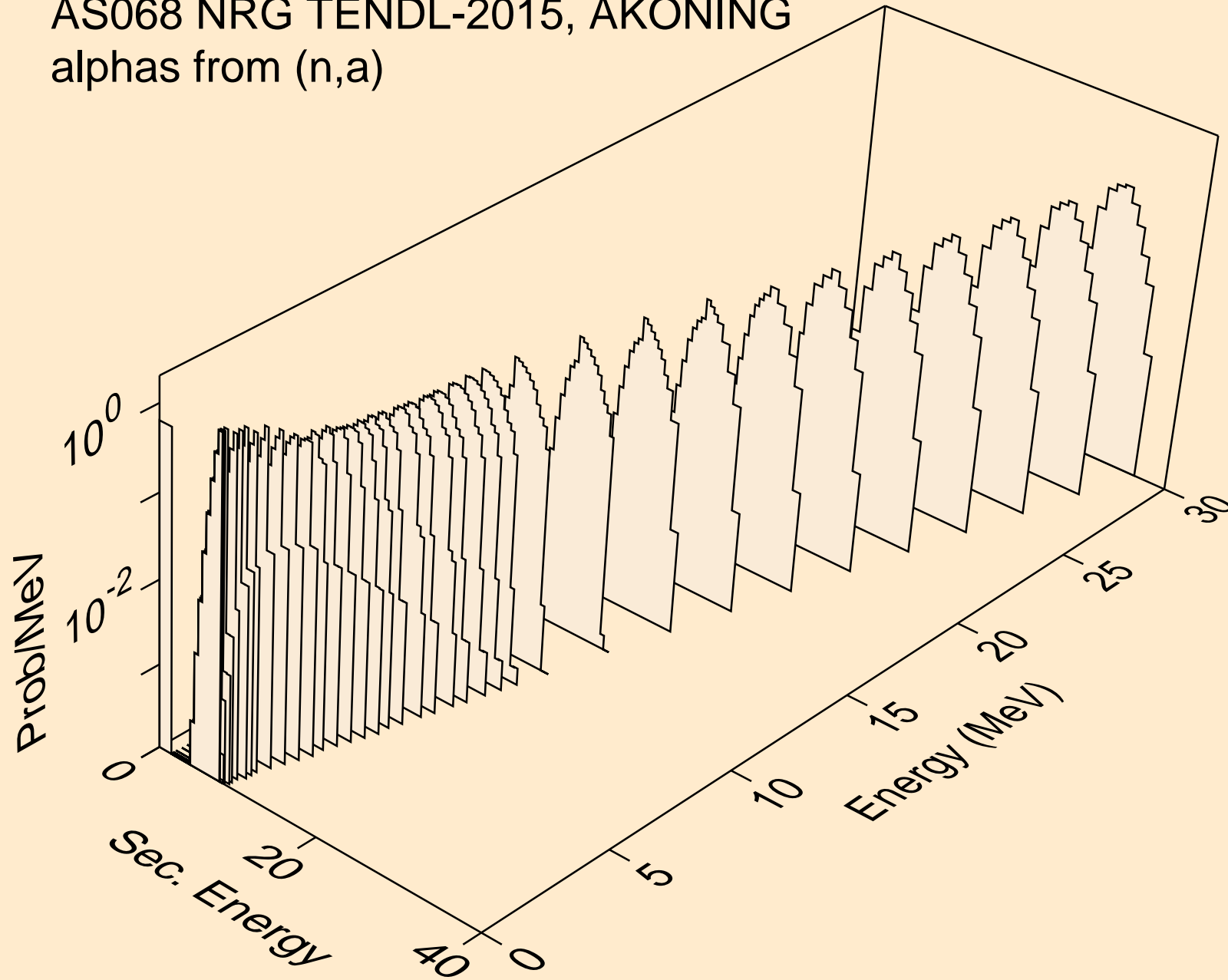
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alphas from (n,2n)2a



AS068 NRG TENDL-2015, AKONING  
alphas from (n,npa)

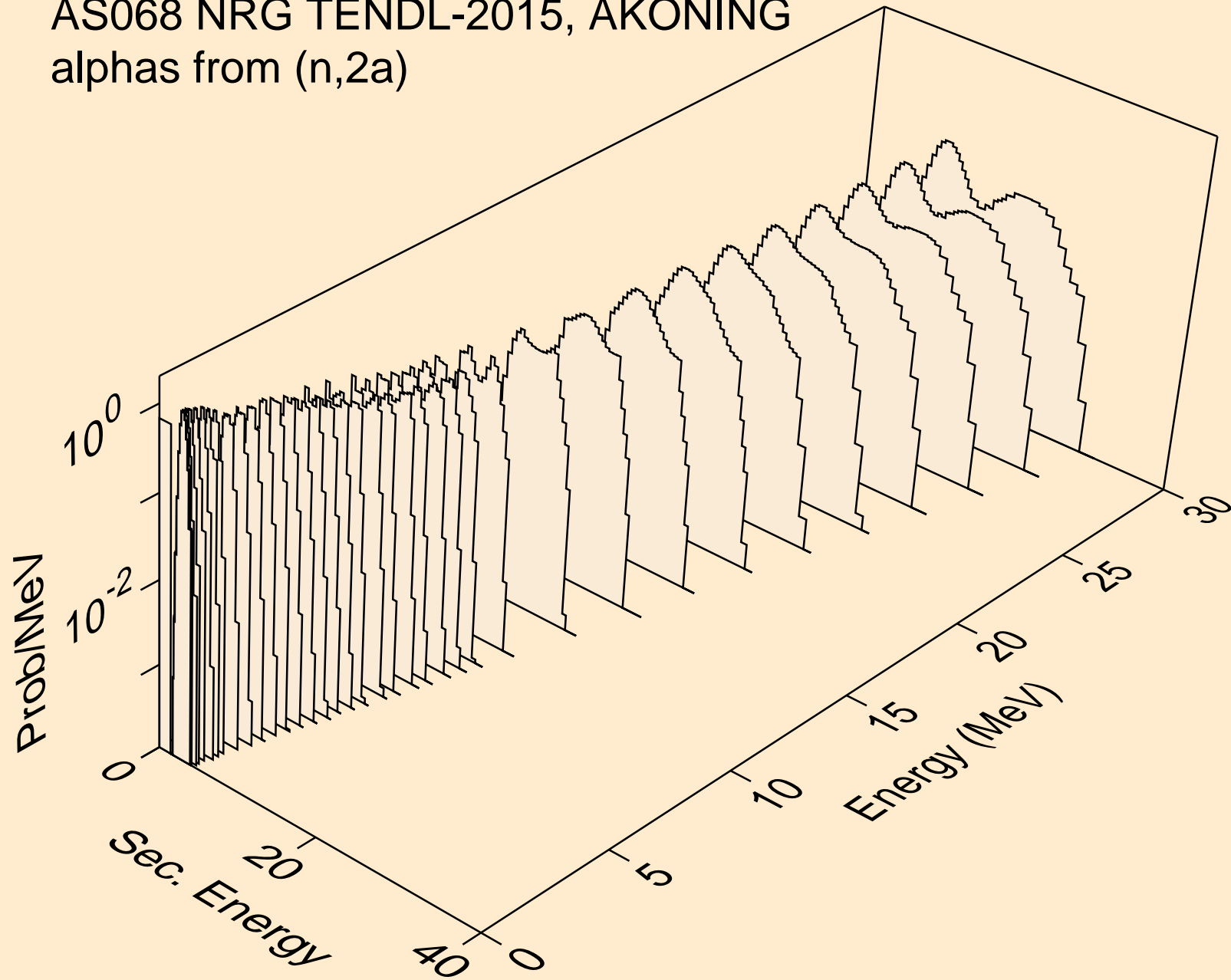


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alphas from (n,a)

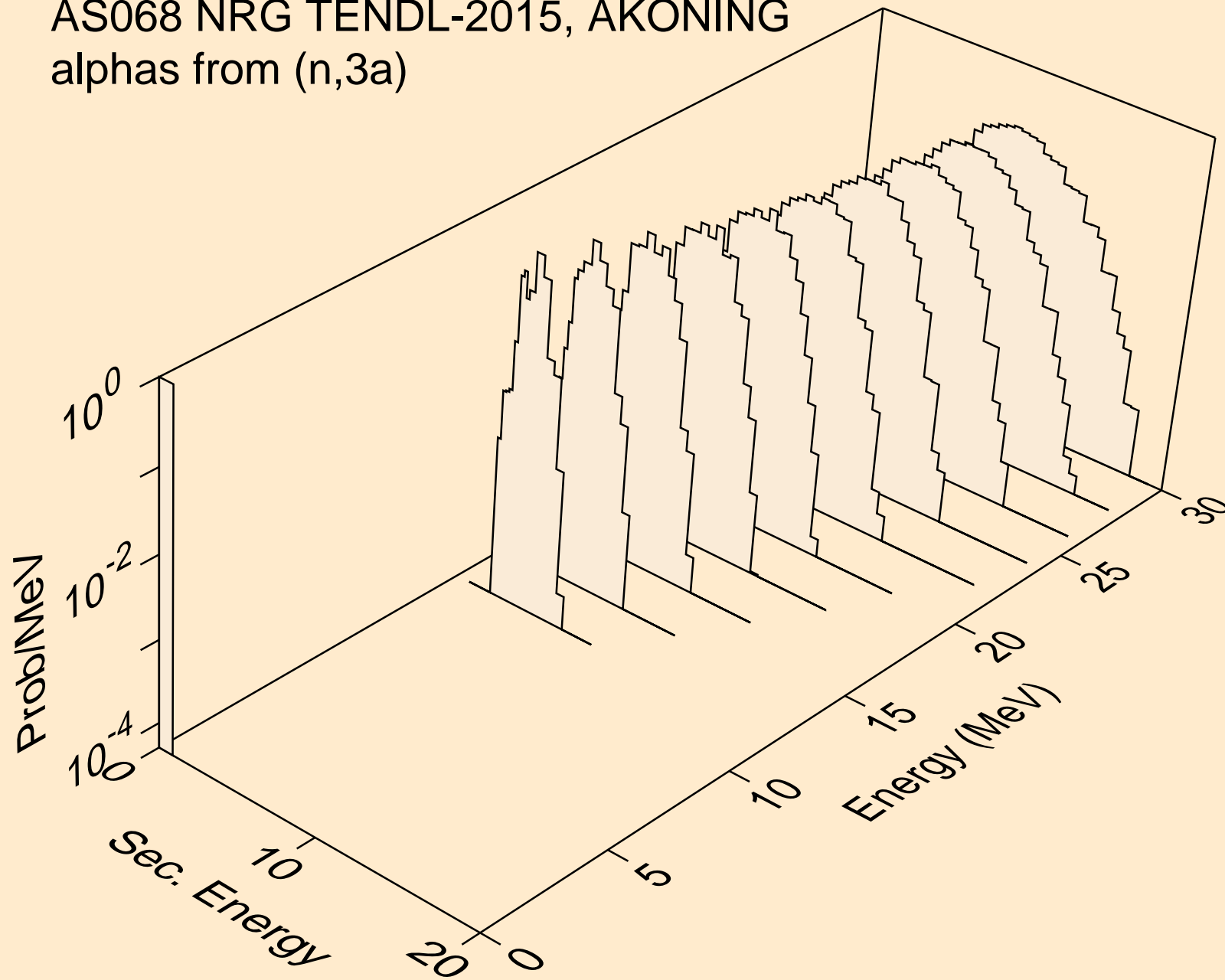




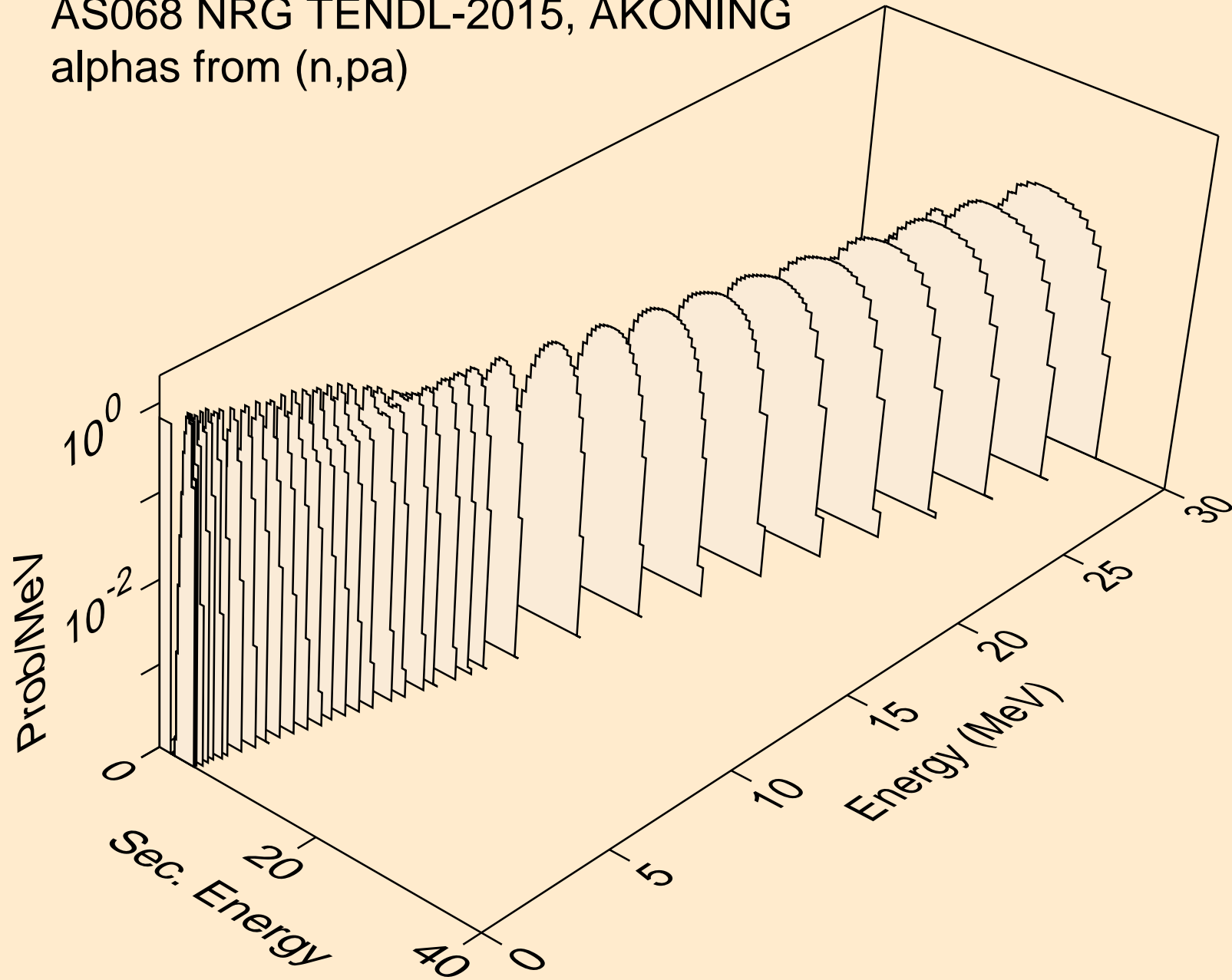
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alphas from (n,2a)



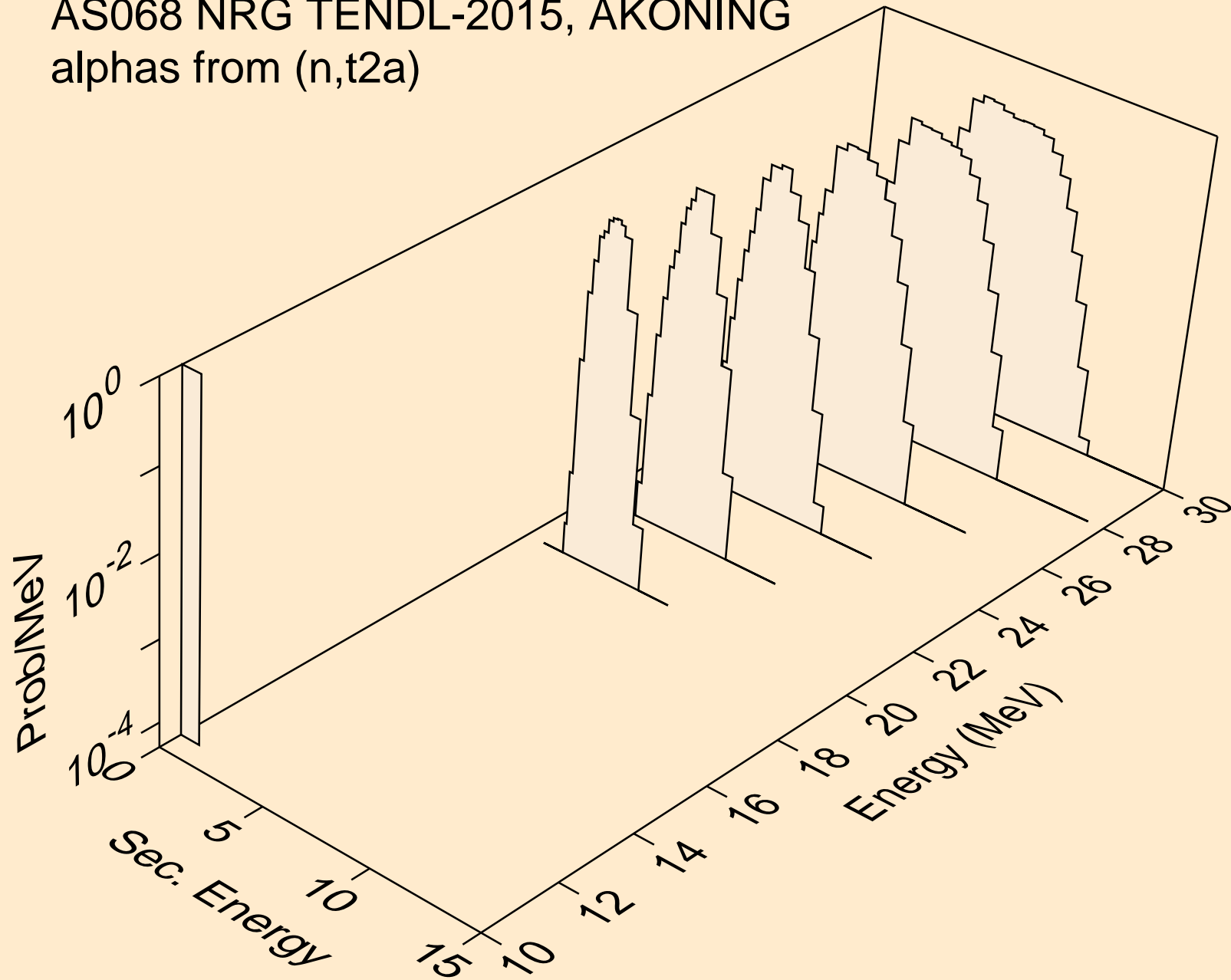
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alphas from (n,3a)



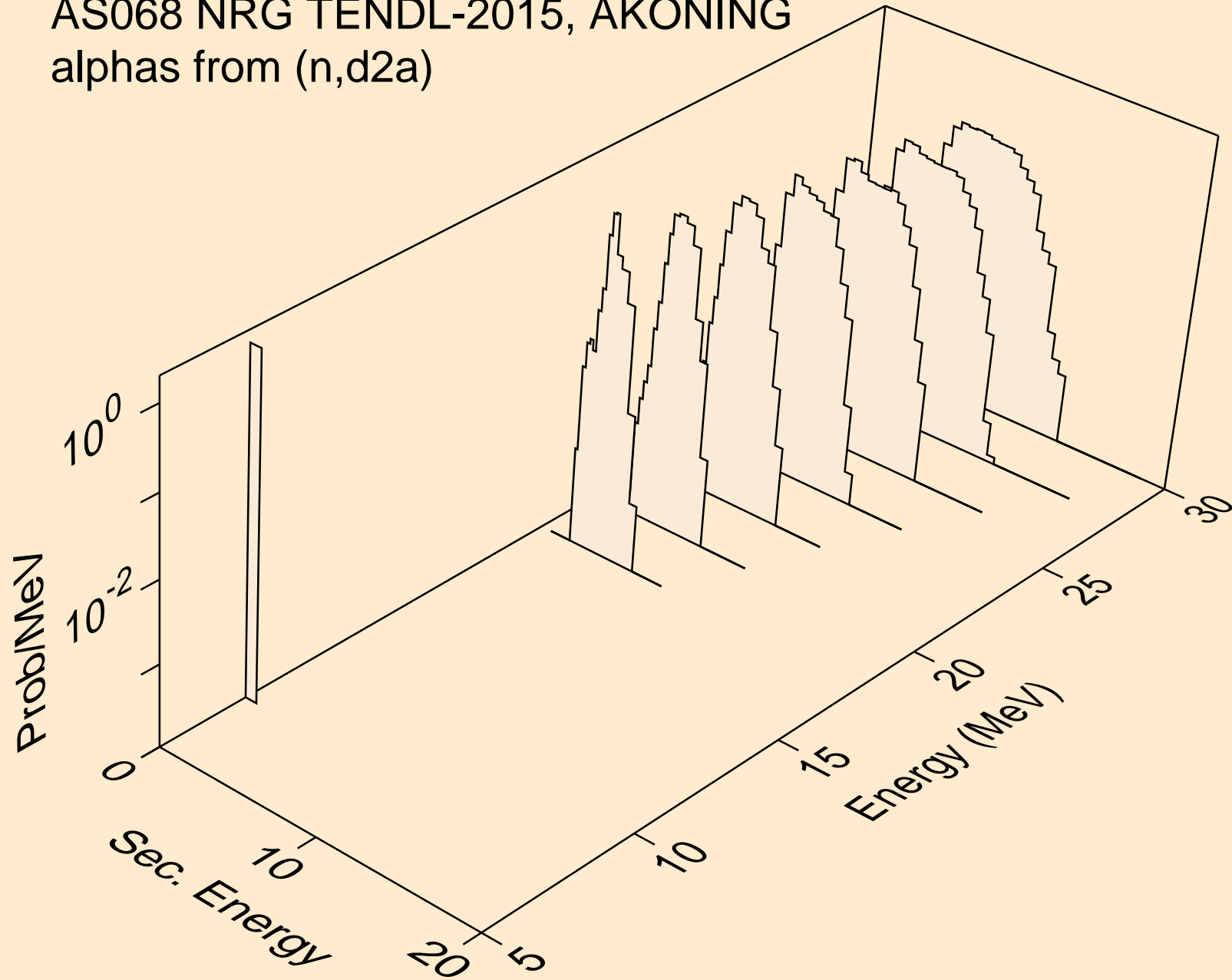
AS068 NRG TENDL-2015, AKONING  
alphas from (n,pa)



AS068 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



AS068 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



AS068 NRG TENDL-2015, AKONING  
alphas from (n,da)

