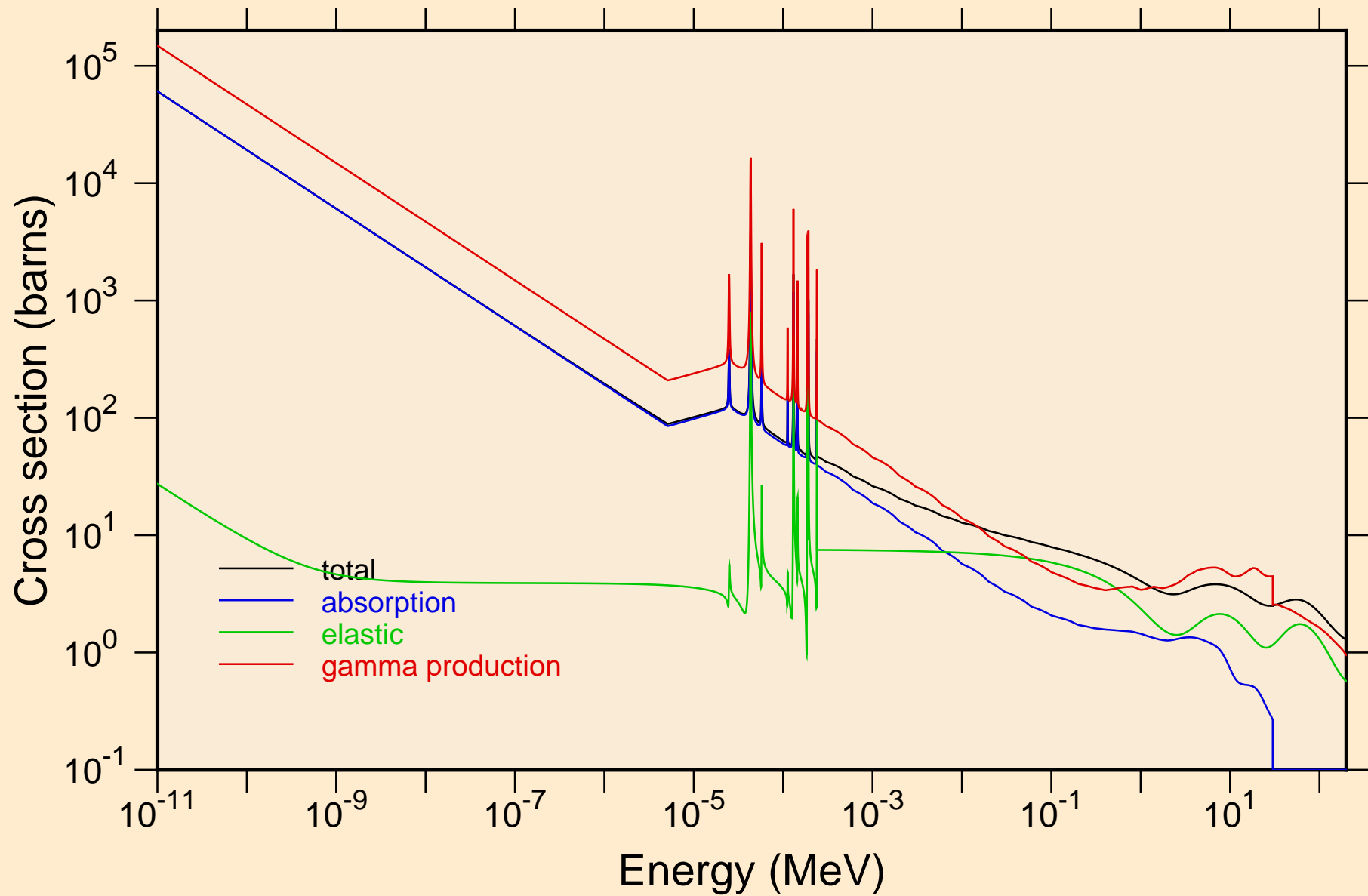


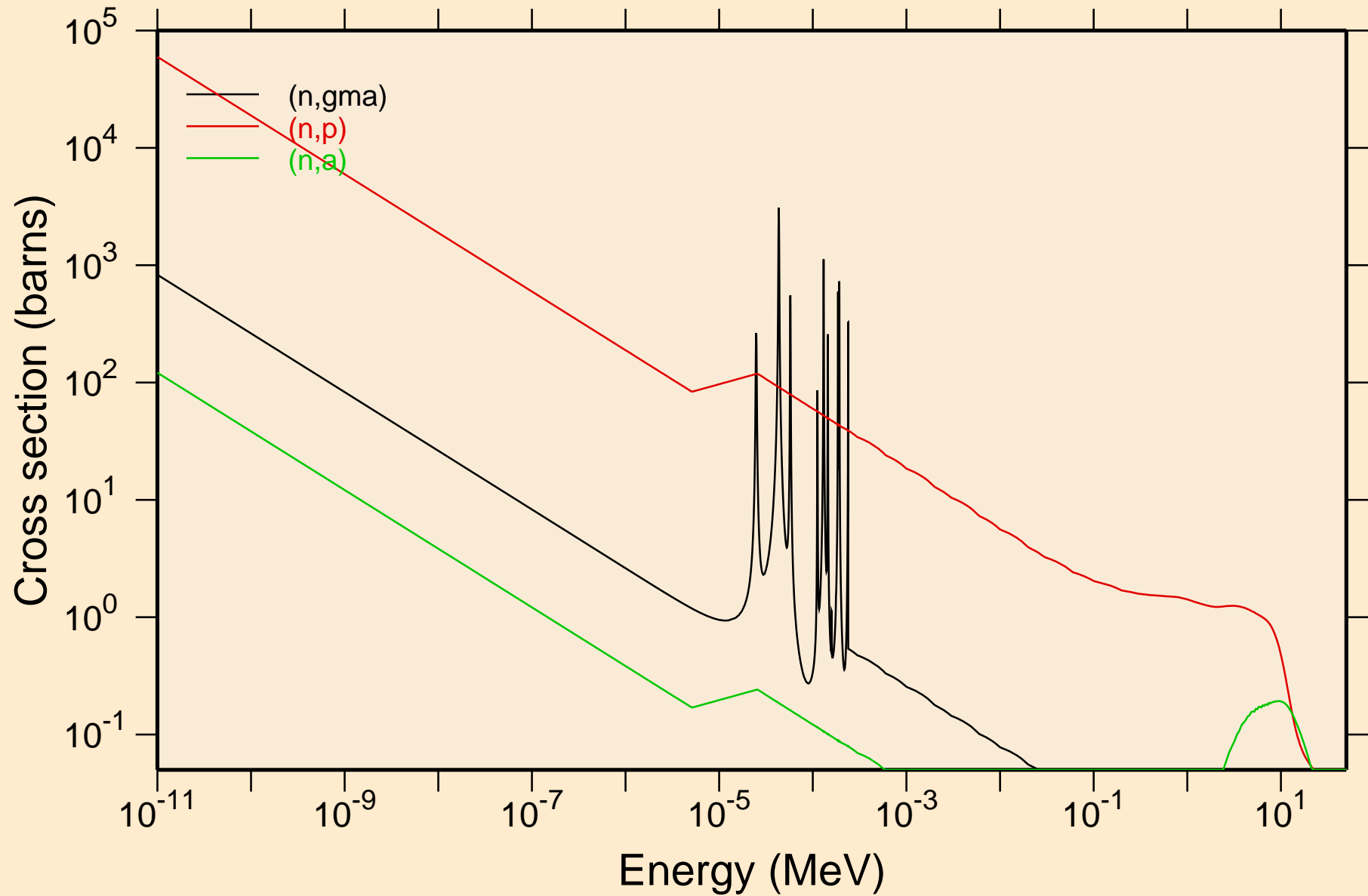
# AS069 NRG TENDL-2015, AKONING

## Principal cross sections



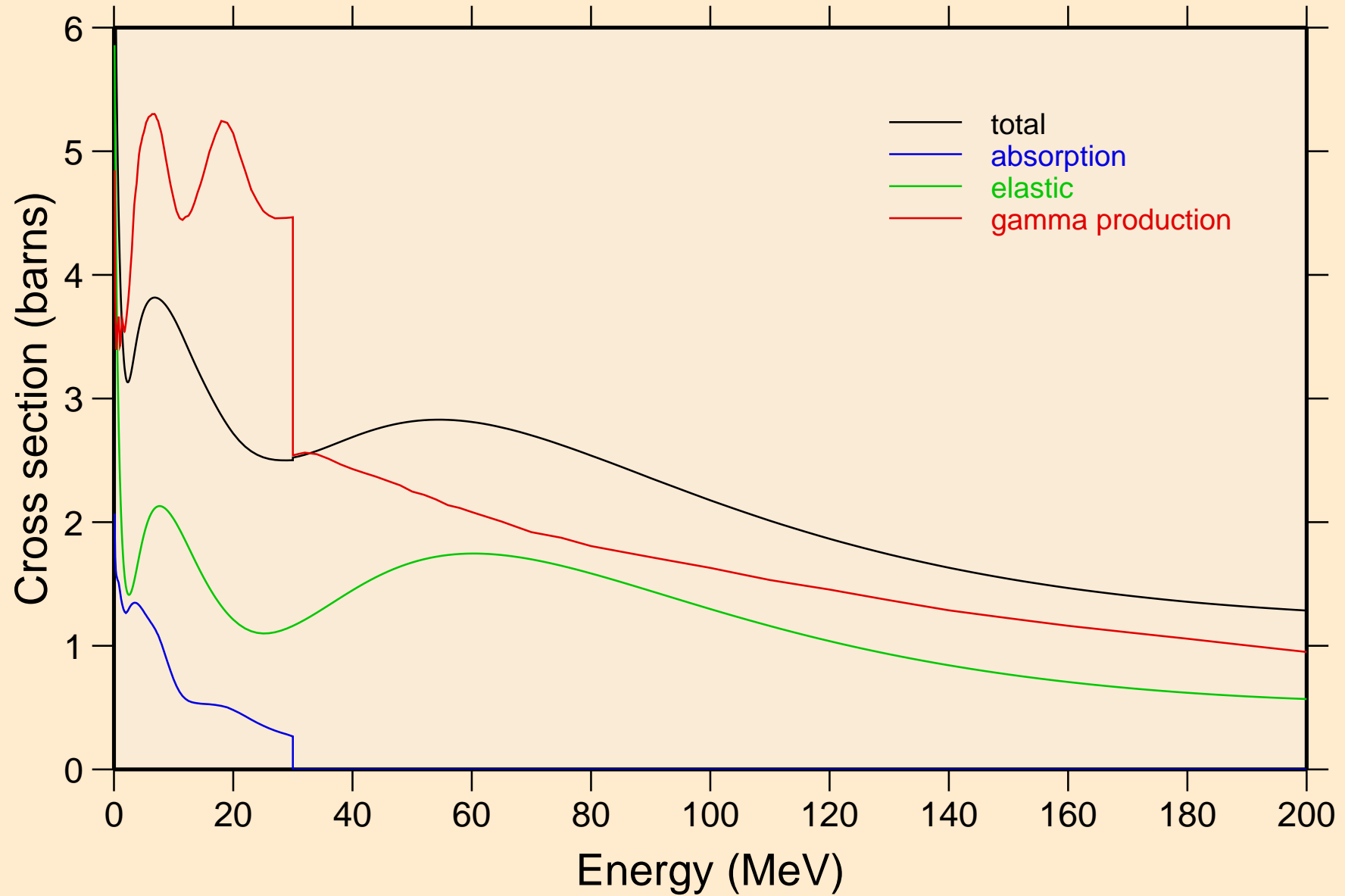
# AS069 NRG TENDL-2015, AKONING

## Non-threshold reactions



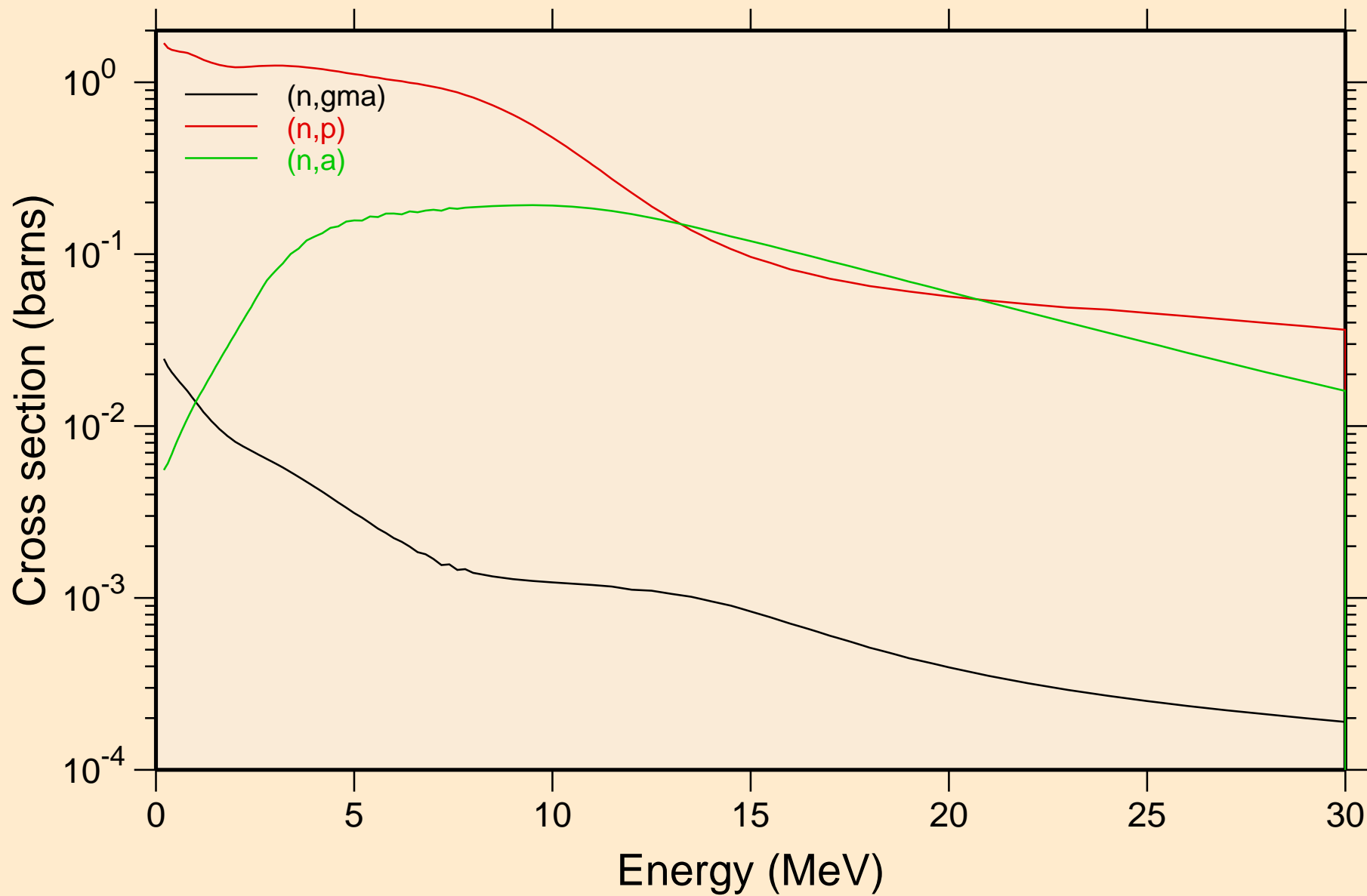
# AS069 NRG TENDL-2015, AKONING

## Principal cross sections

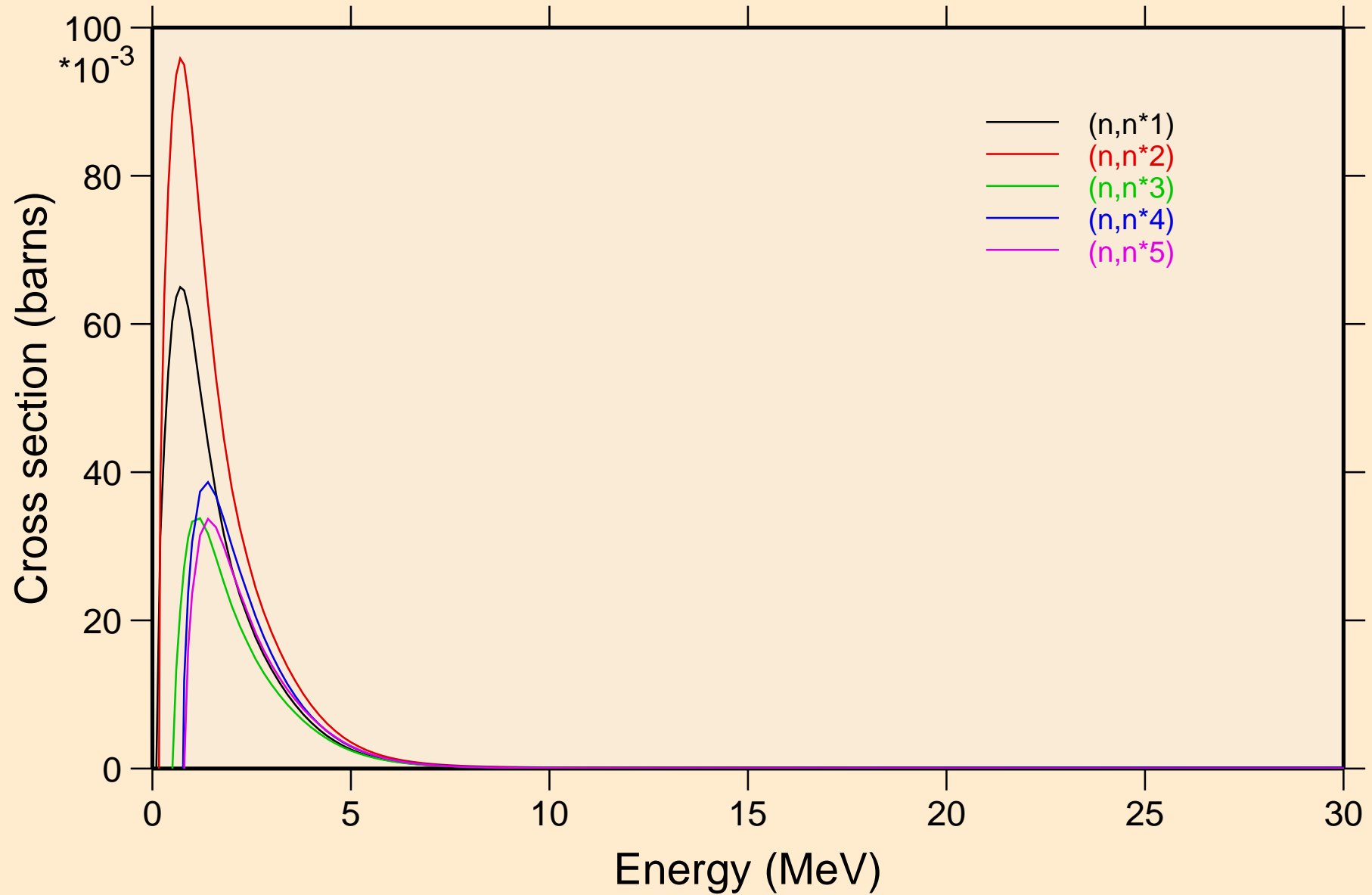


# AS069 NRG TENDL-2015, AKONING

## Non-threshold reactions

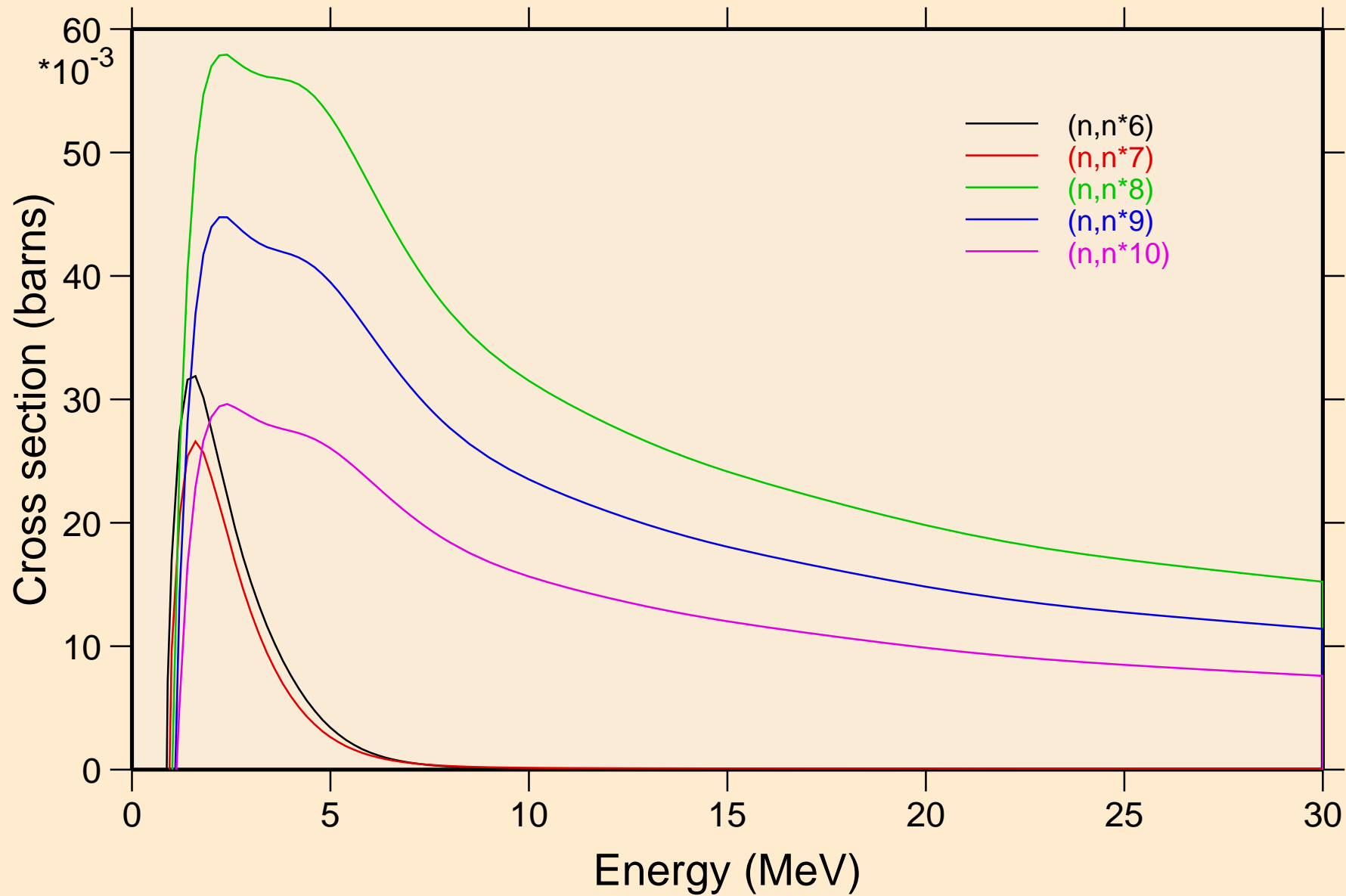


AS069 NRG TENDL-2015, AKONING  
Inelastic levels



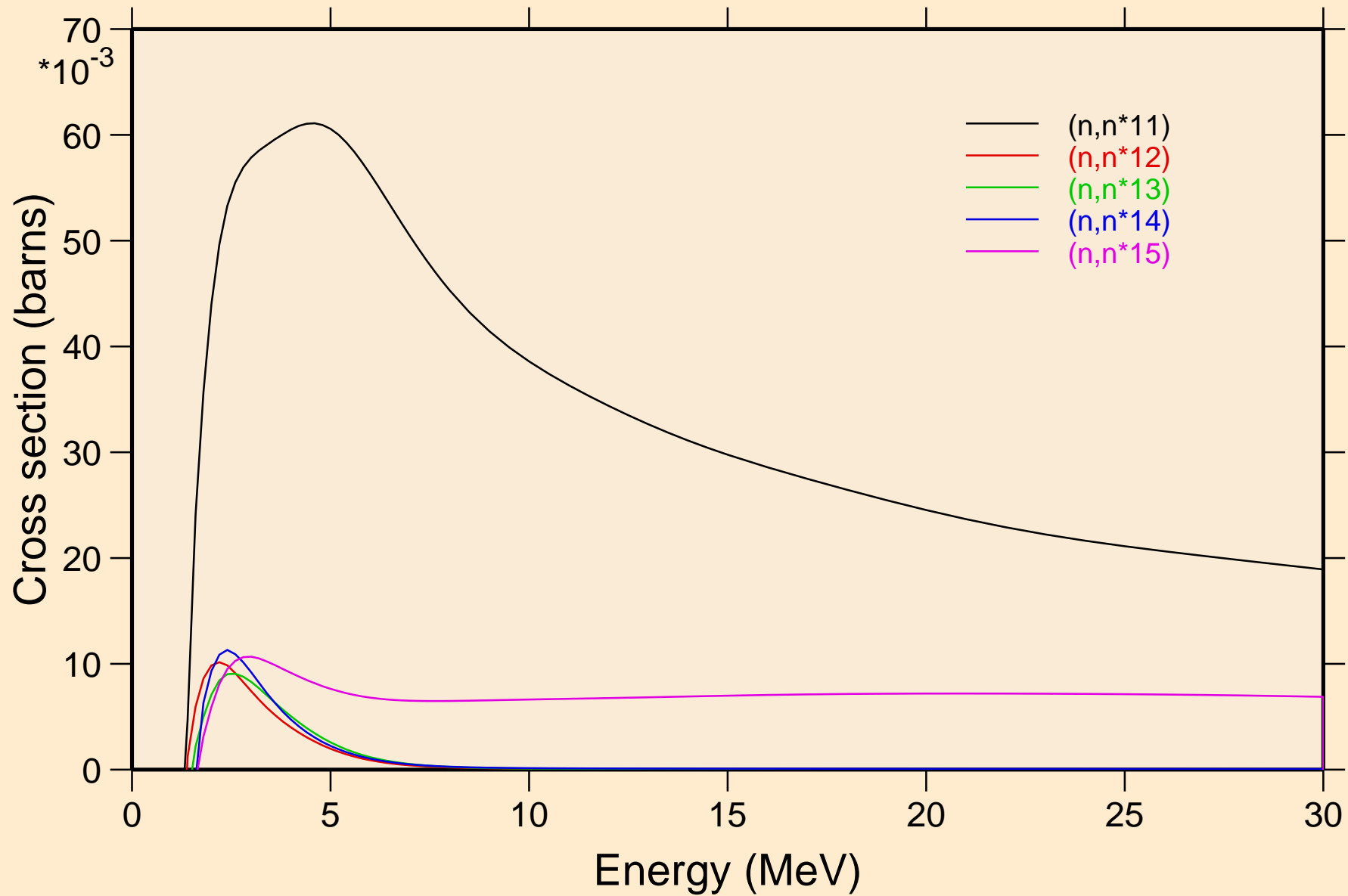
# AS069 NRG TENDL-2015, AKONING

## Inelastic levels

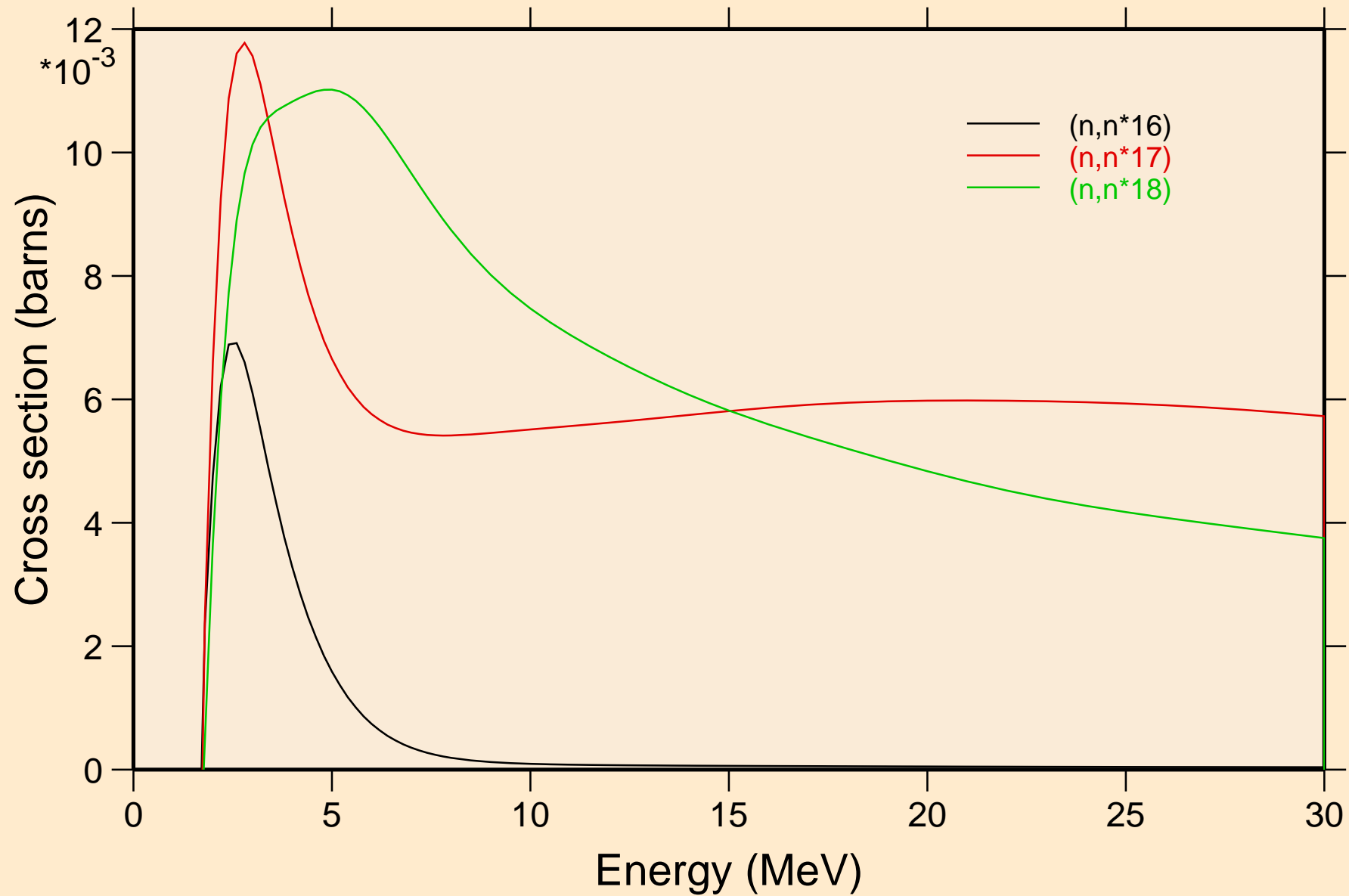


# AS069 NRG TENDL-2015, AKONING

## Inelastic levels



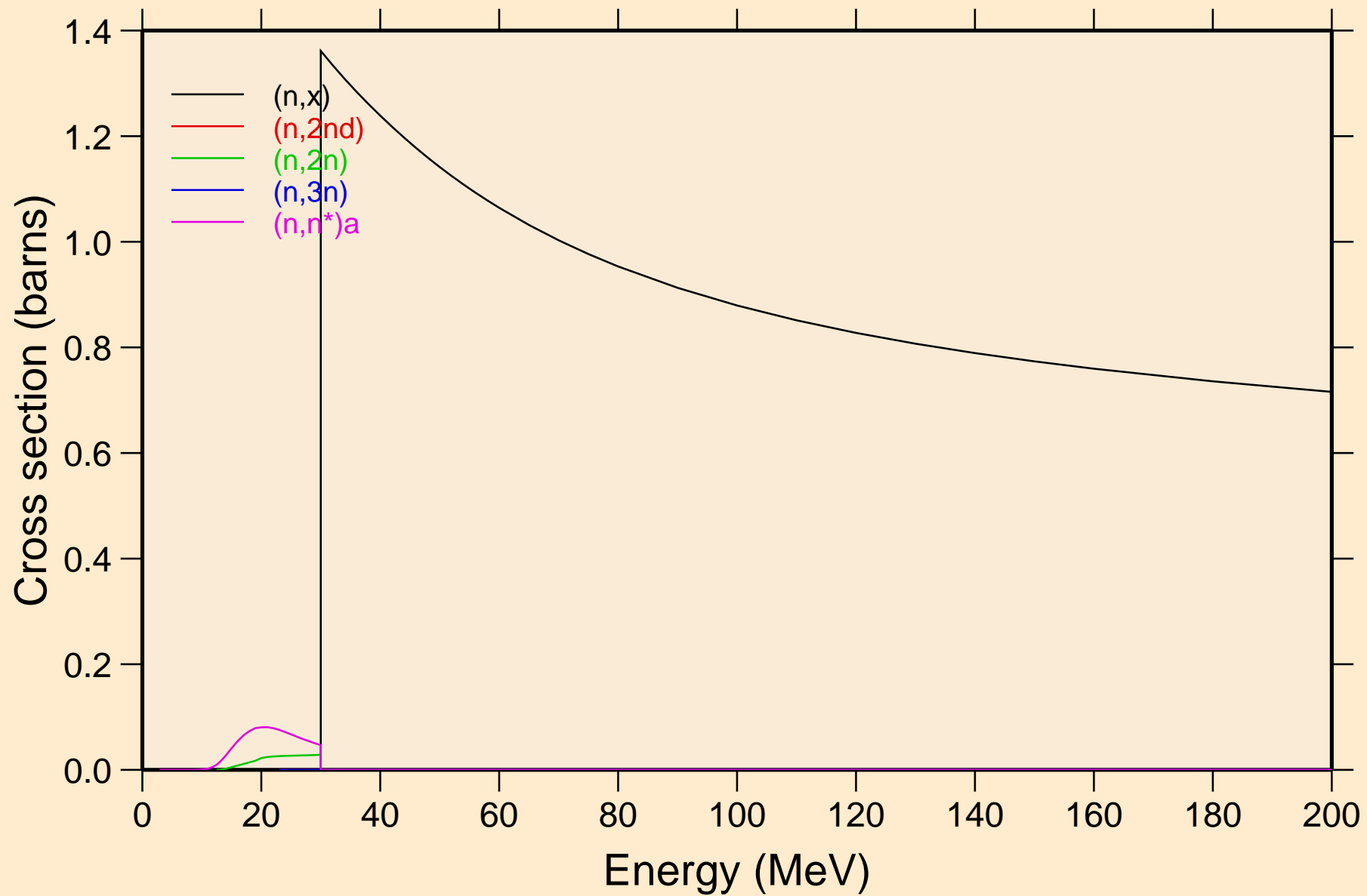
AS069 NRG TENDL-2015, AKONING  
Inelastic levels





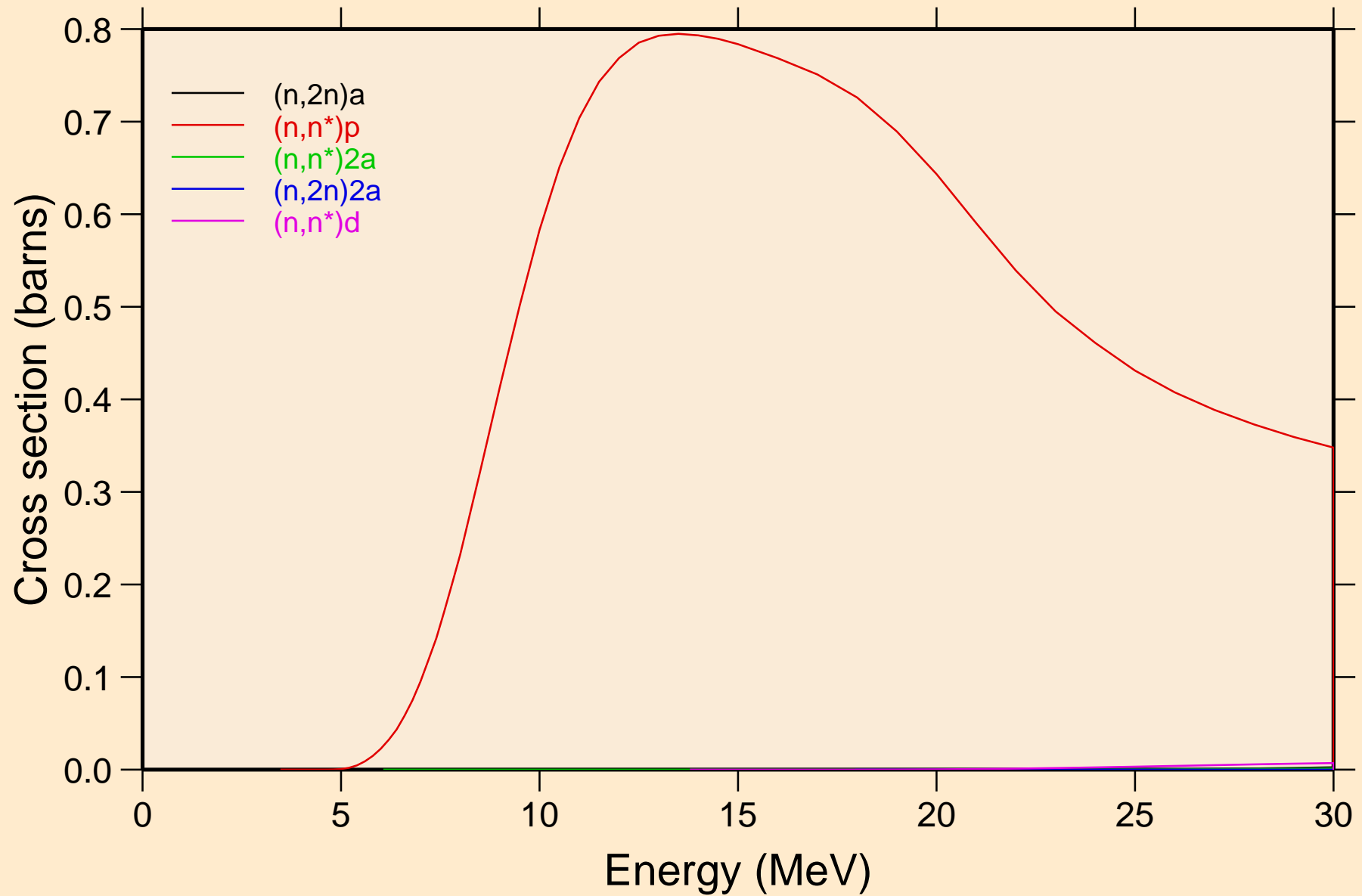
# AS069 NRG TENDL-2015, AKONING

## Threshold reactions



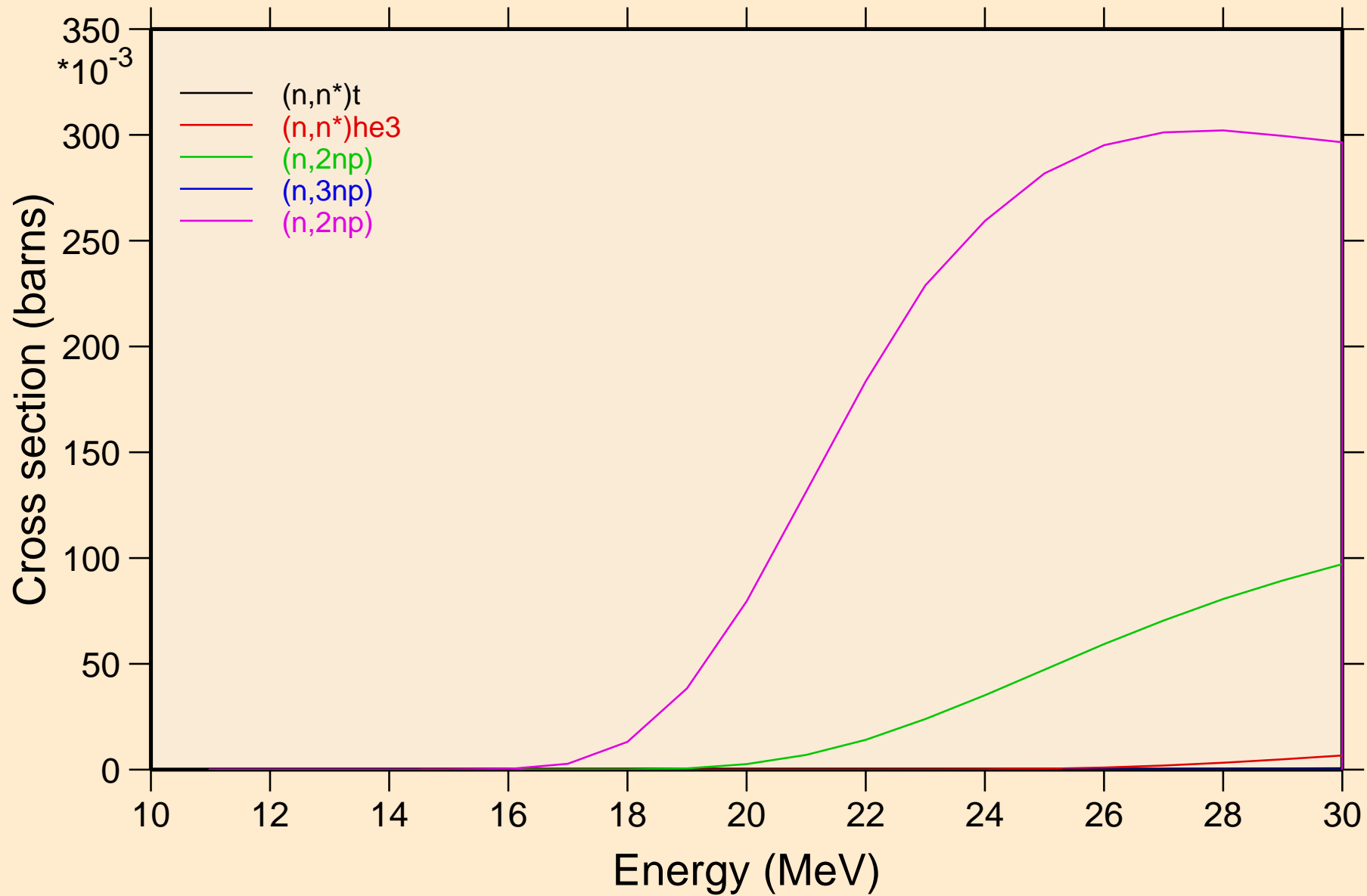
# AS069 NRG TENDL-2015, AKONING

## Threshold reactions



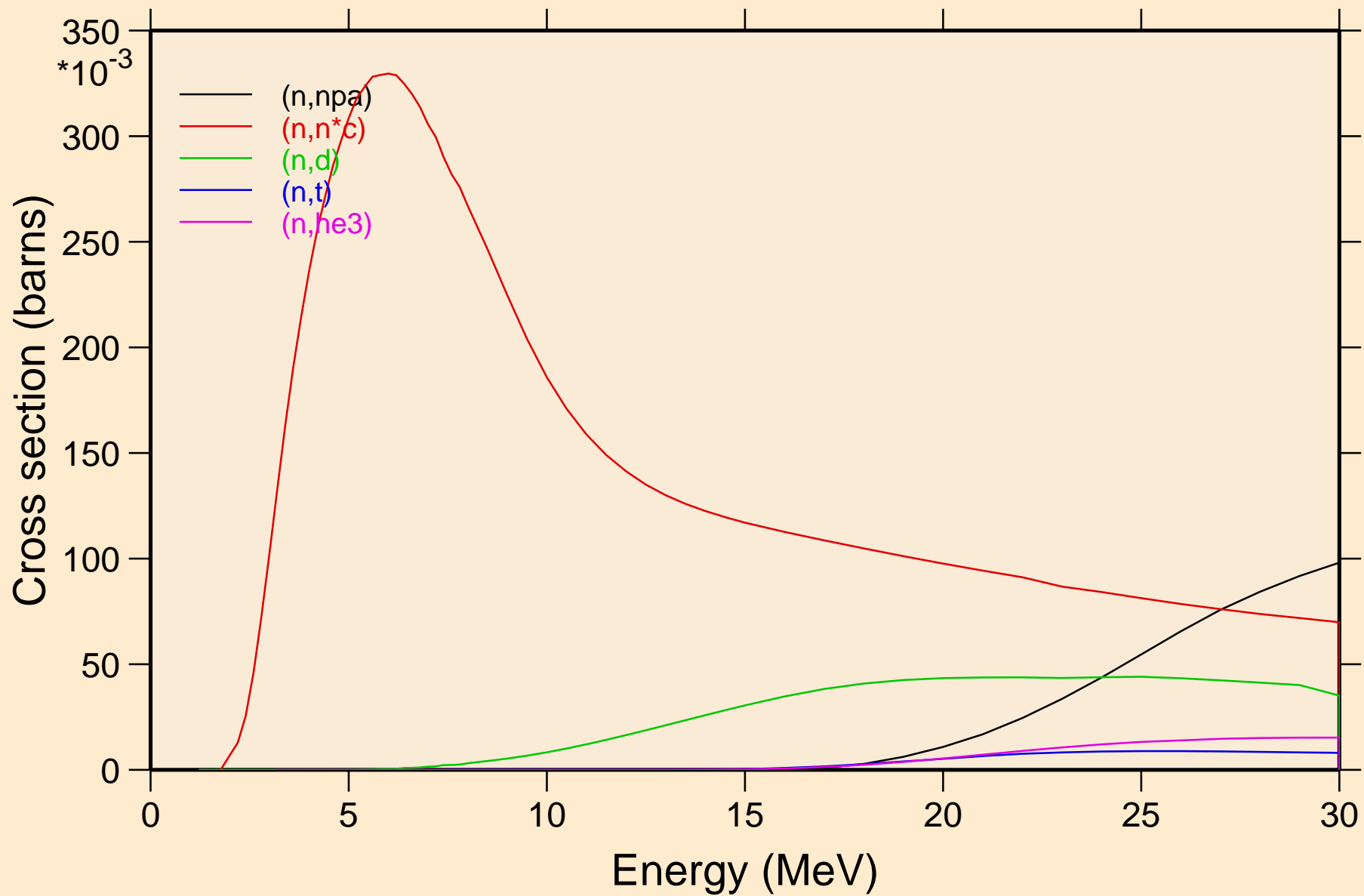
# AS069 NRG TENDL-2015, AKONING

## Threshold reactions



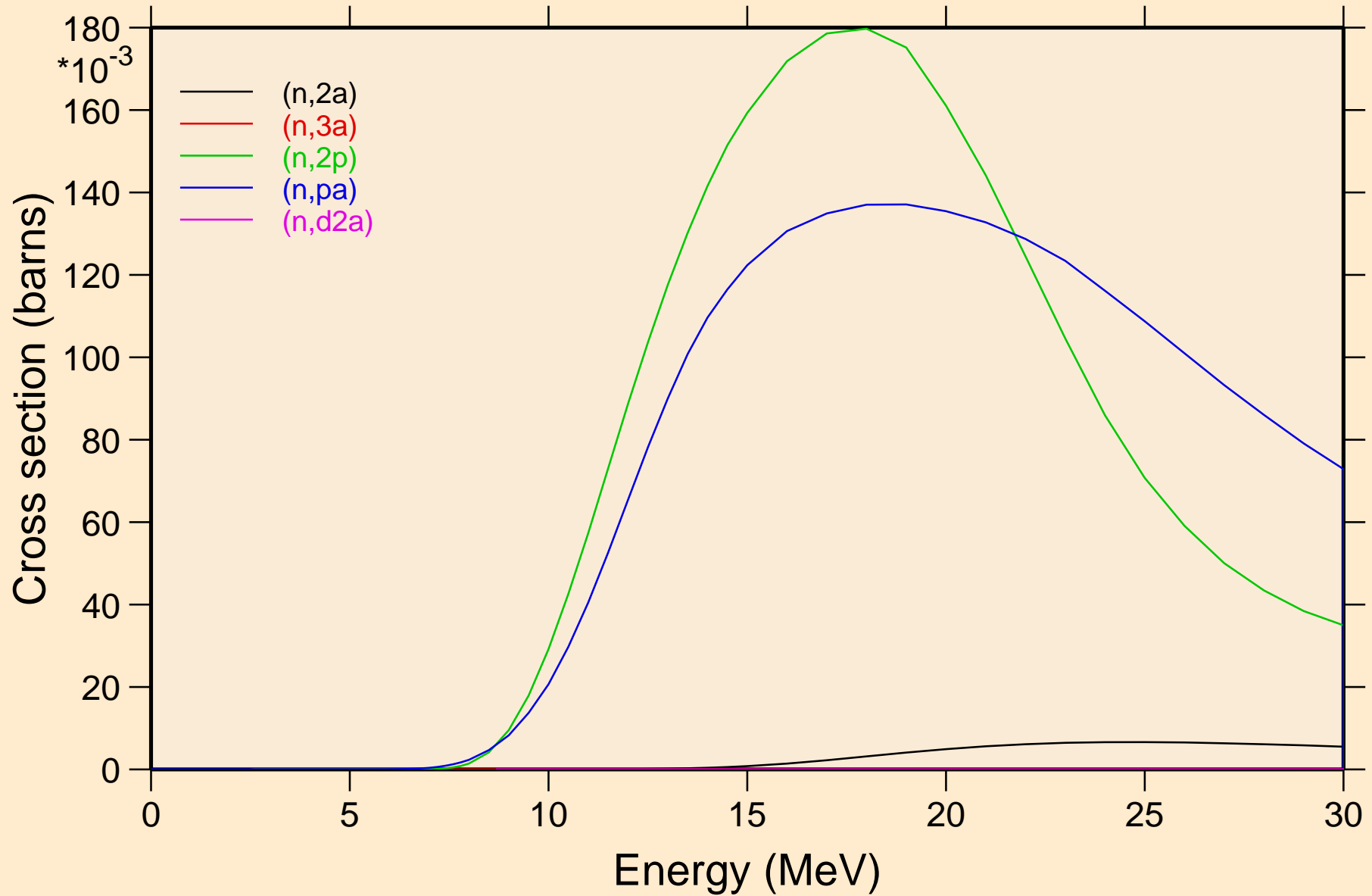
# AS069 NRG TENDL-2015, AKONING

## Threshold reactions



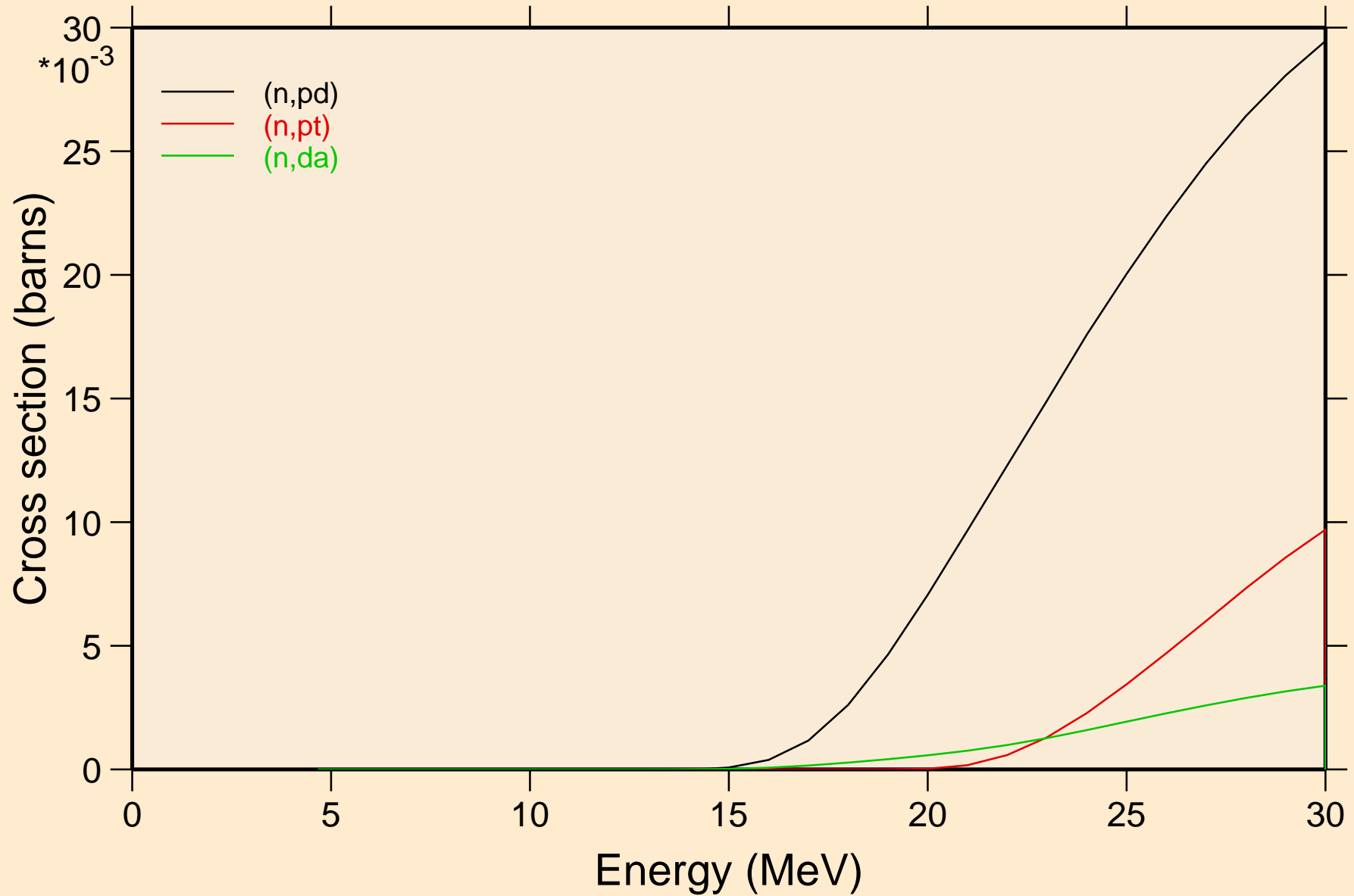
# AS069 NRG TENDL-2015, AKONING

## Threshold reactions

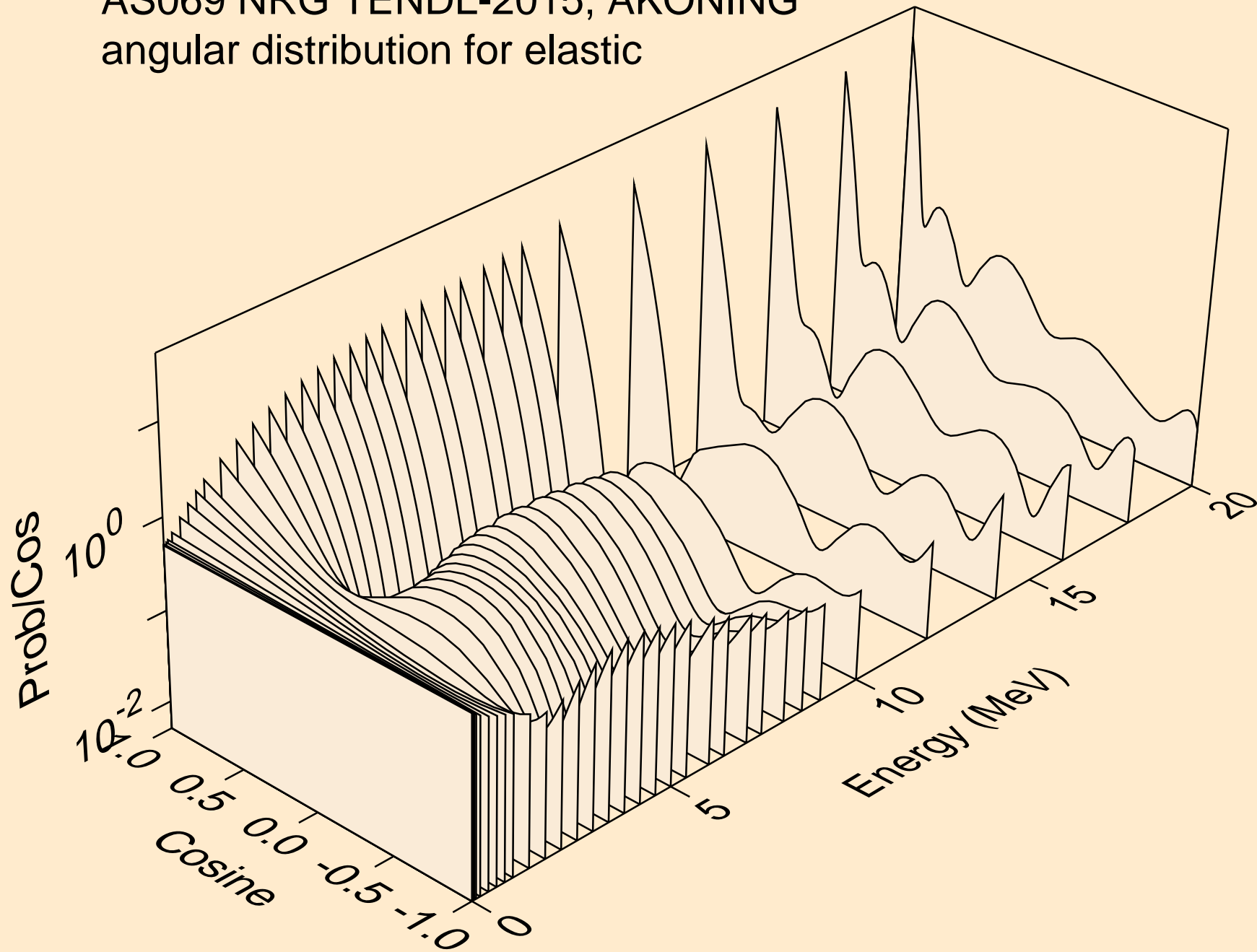


# AS069 NRG TENDL-2015, AKONING

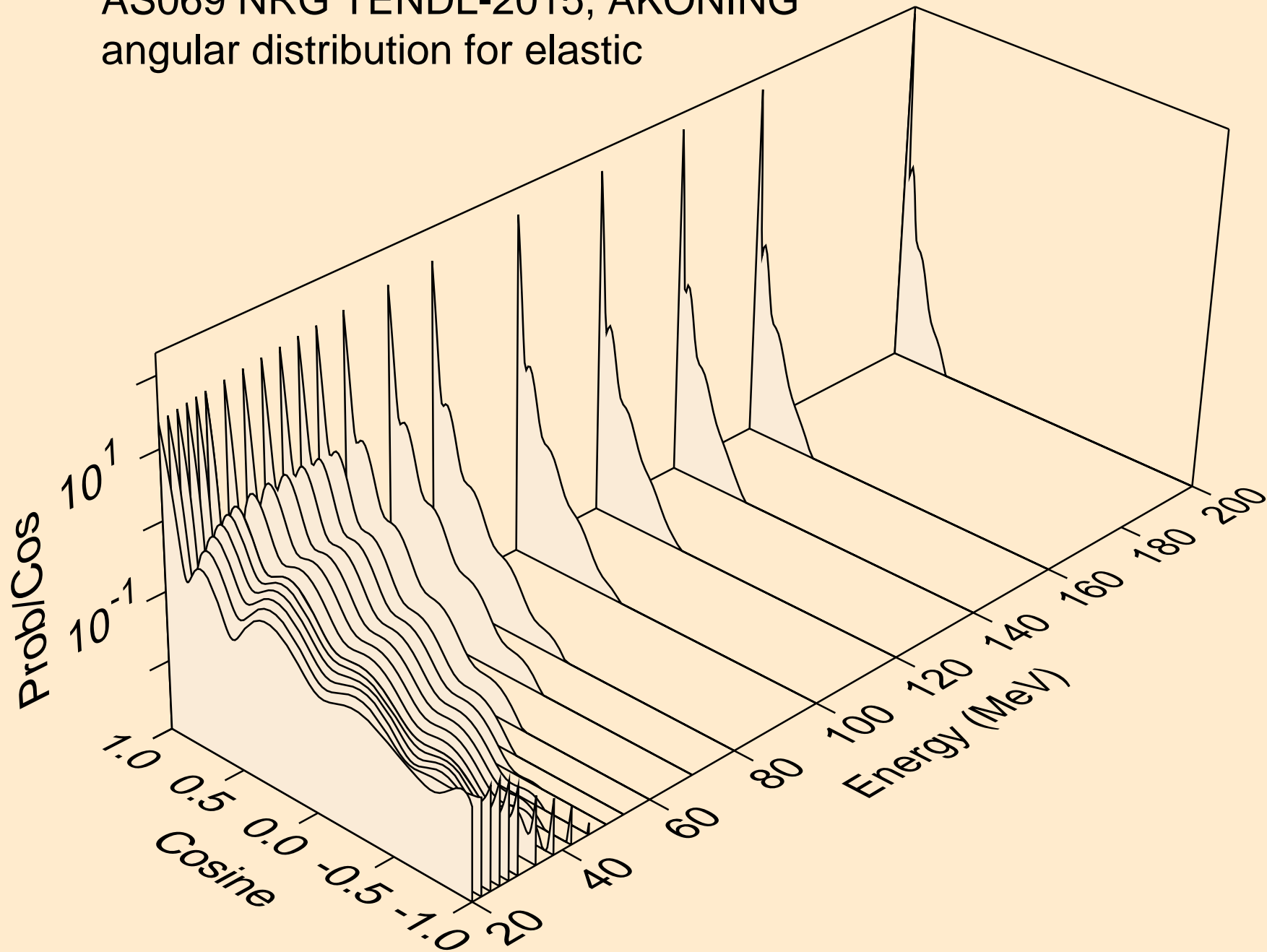
## Threshold reactions



AS069 NRG TENDL-2015, AKONING  
angular distribution for elastic

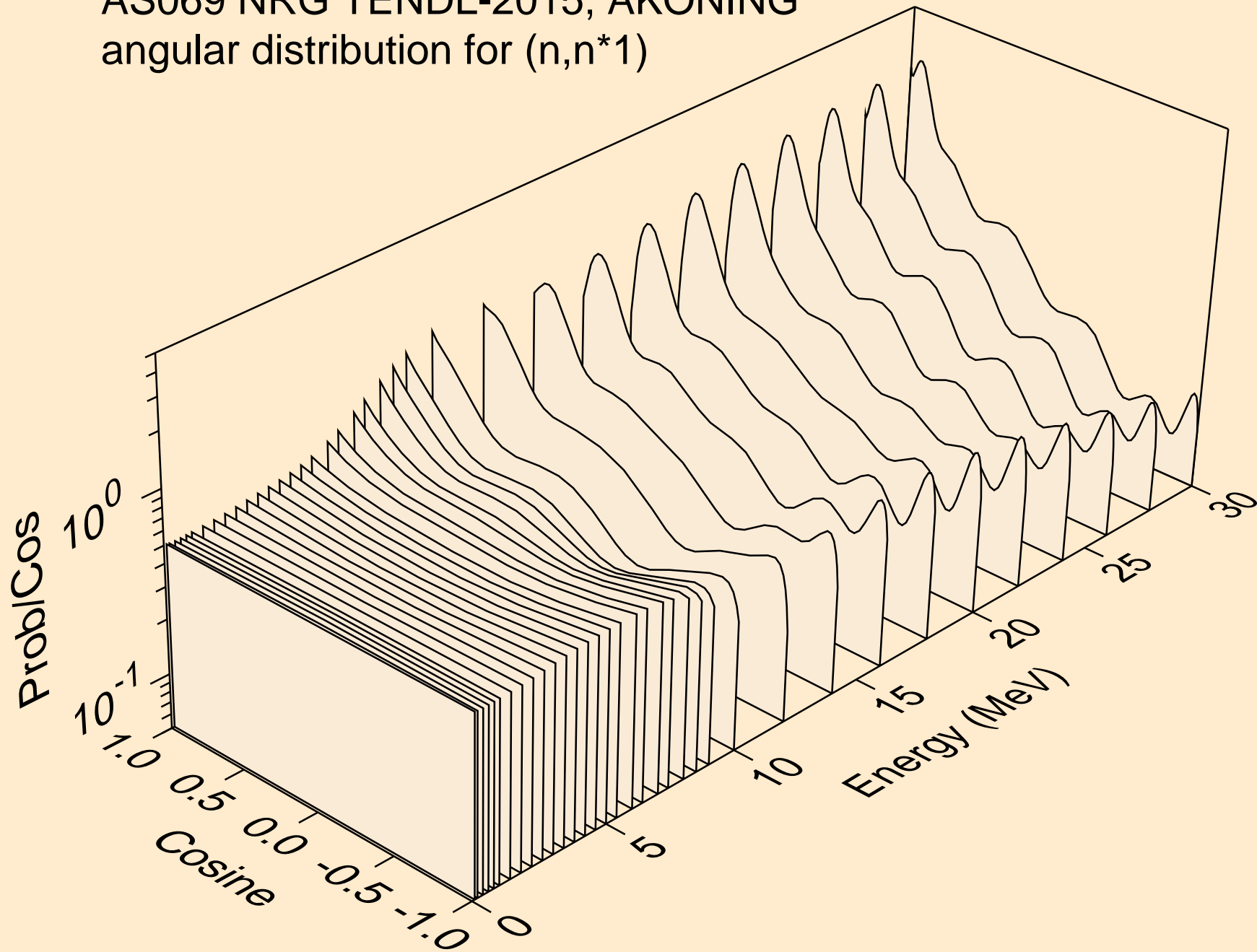


AS069 NRG TENDL-2015, AKONING  
angular distribution for elastic

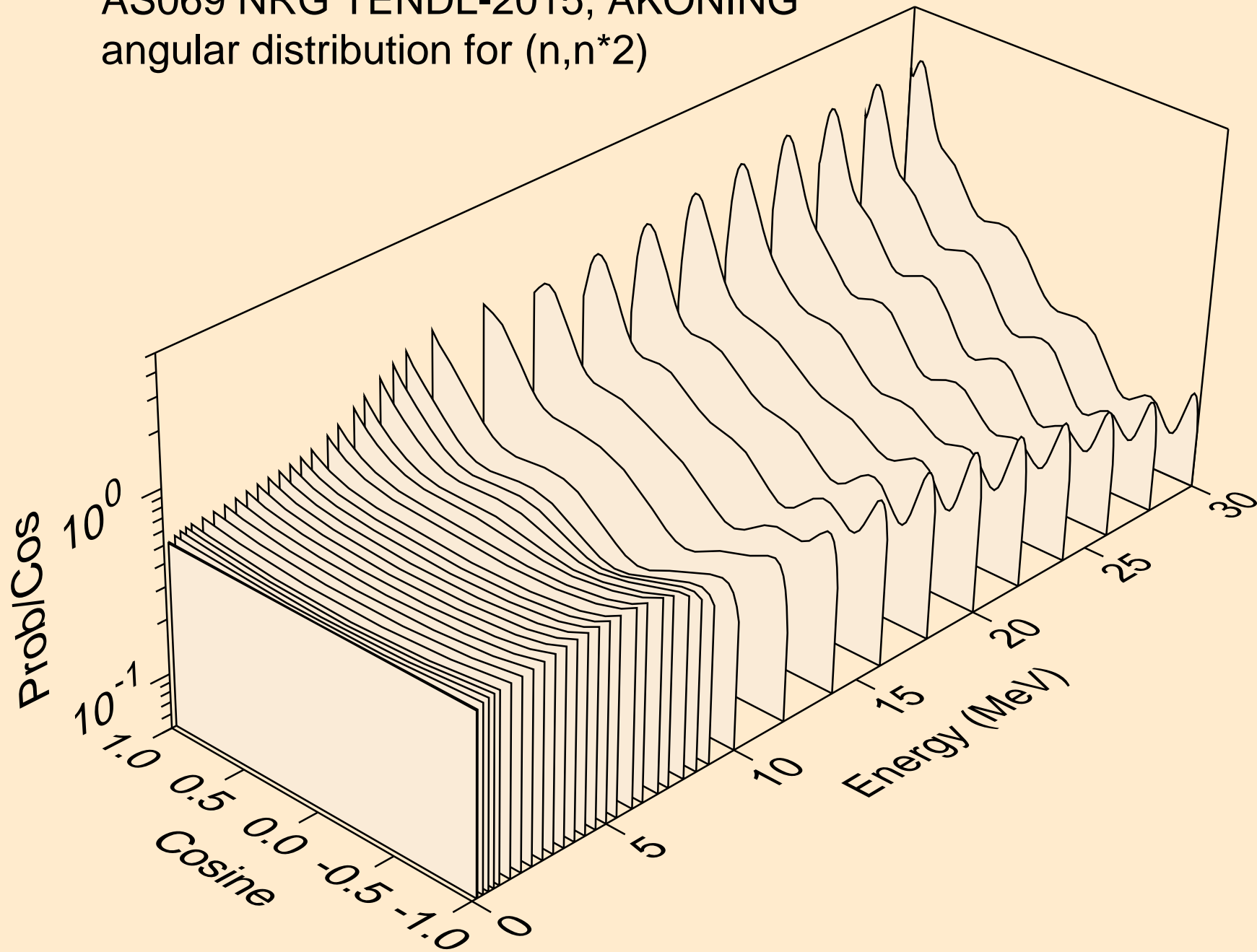




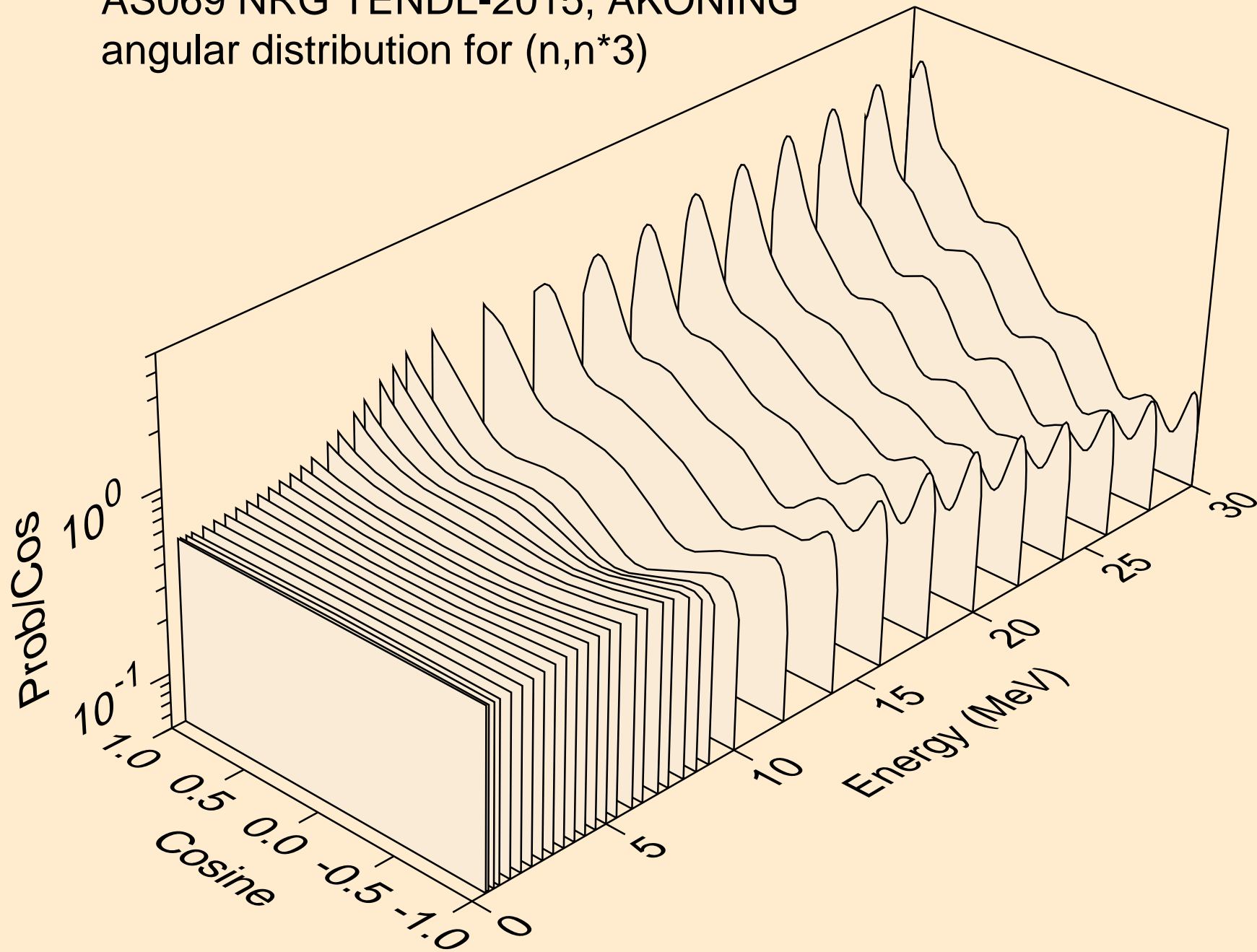
AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



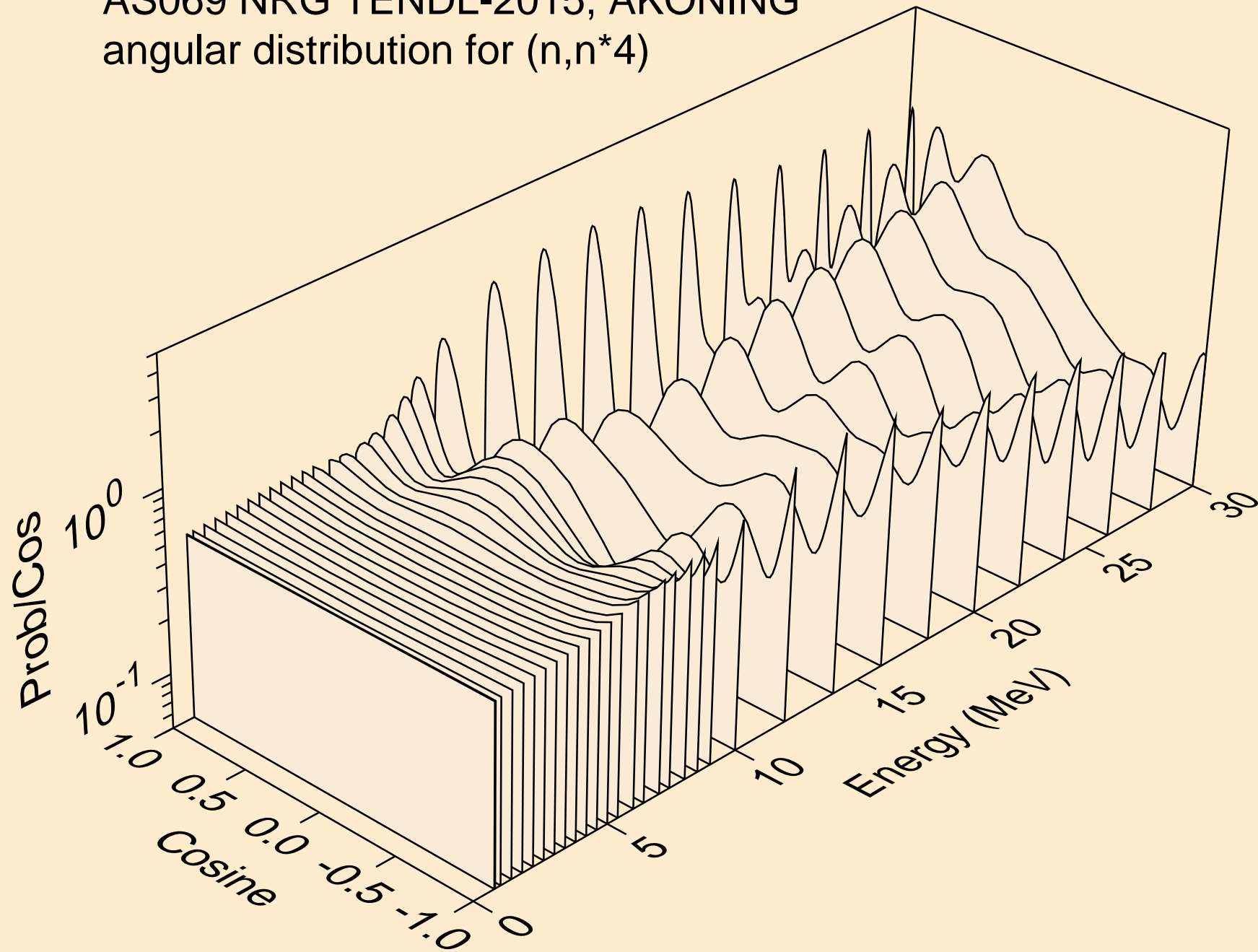
AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



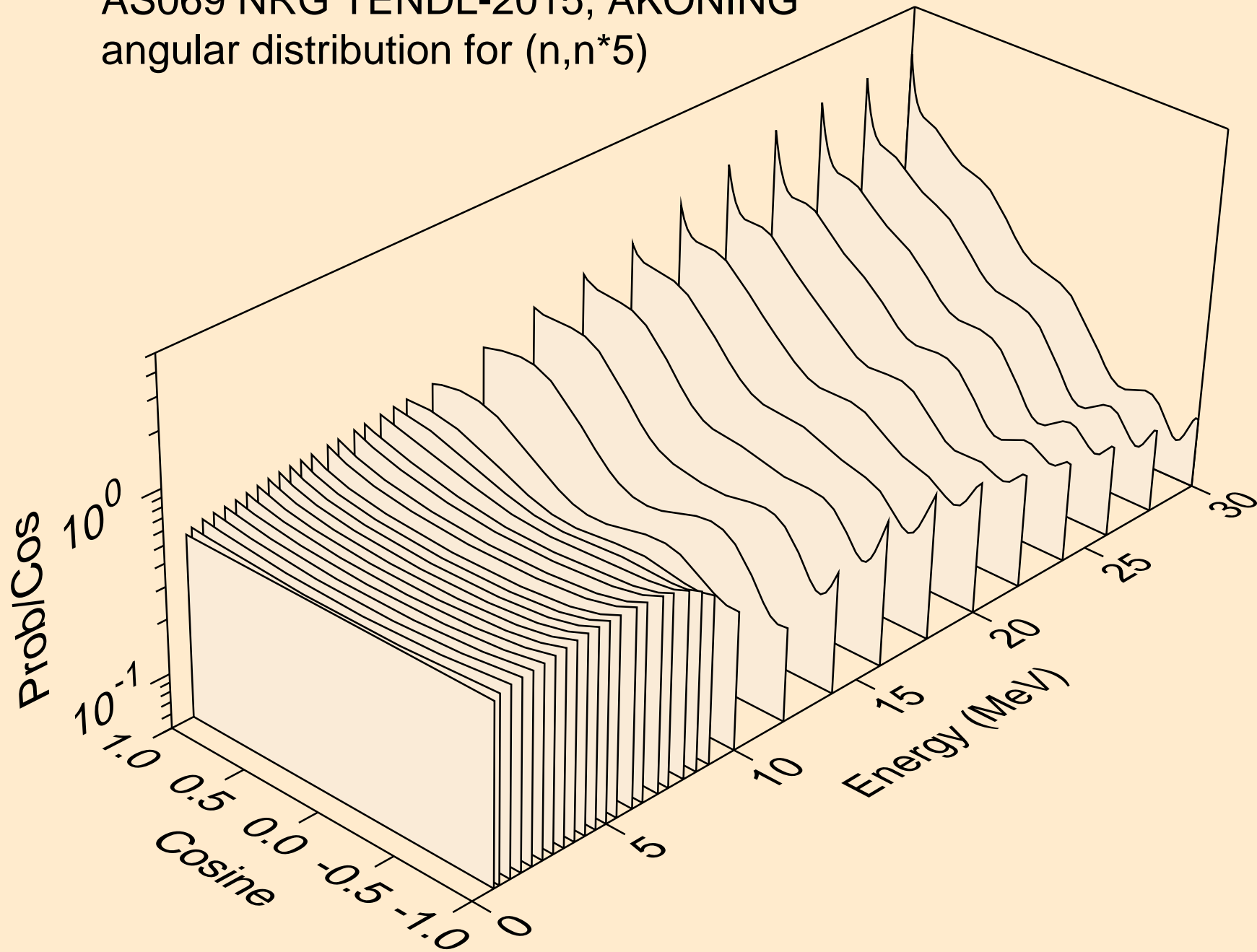
AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



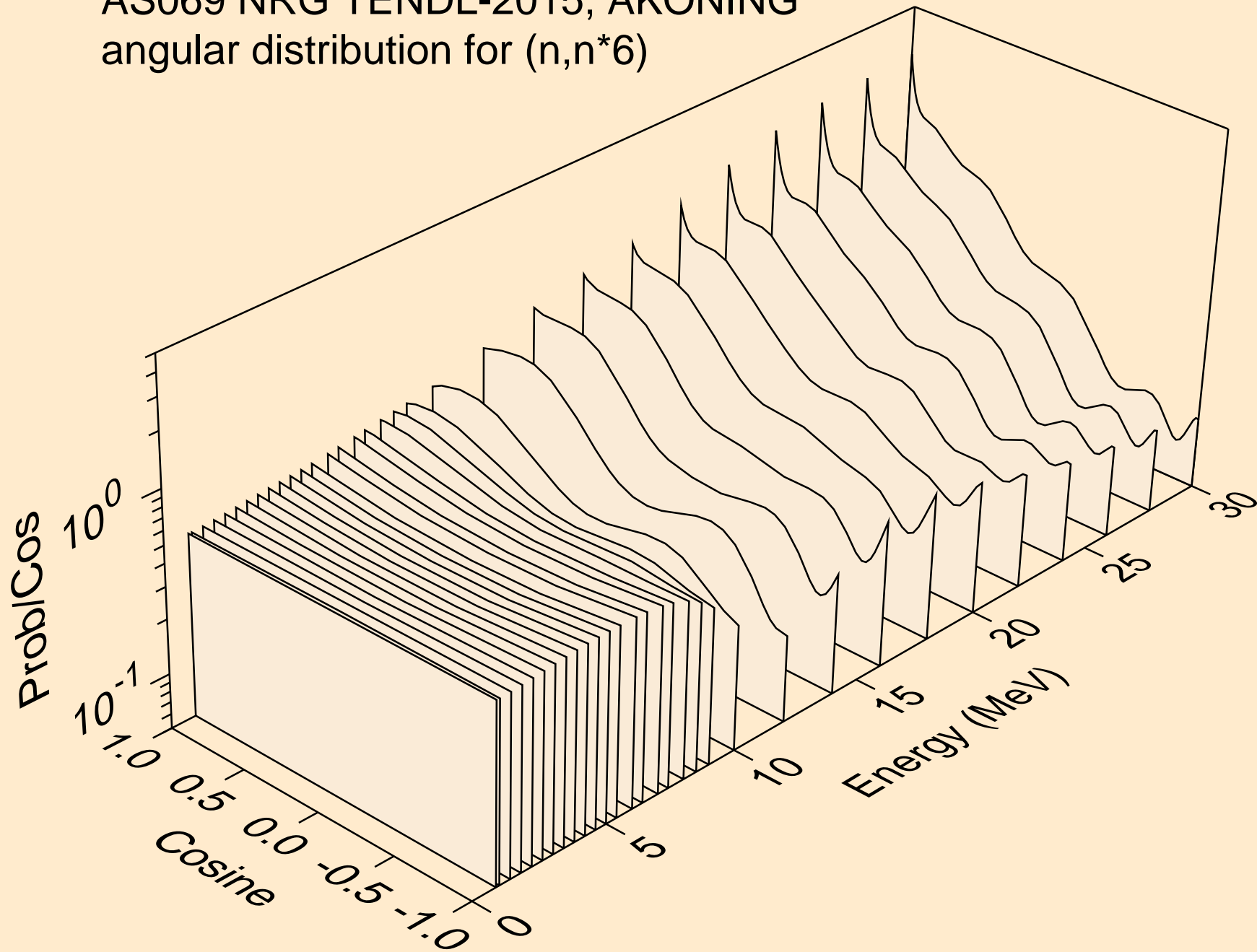
AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



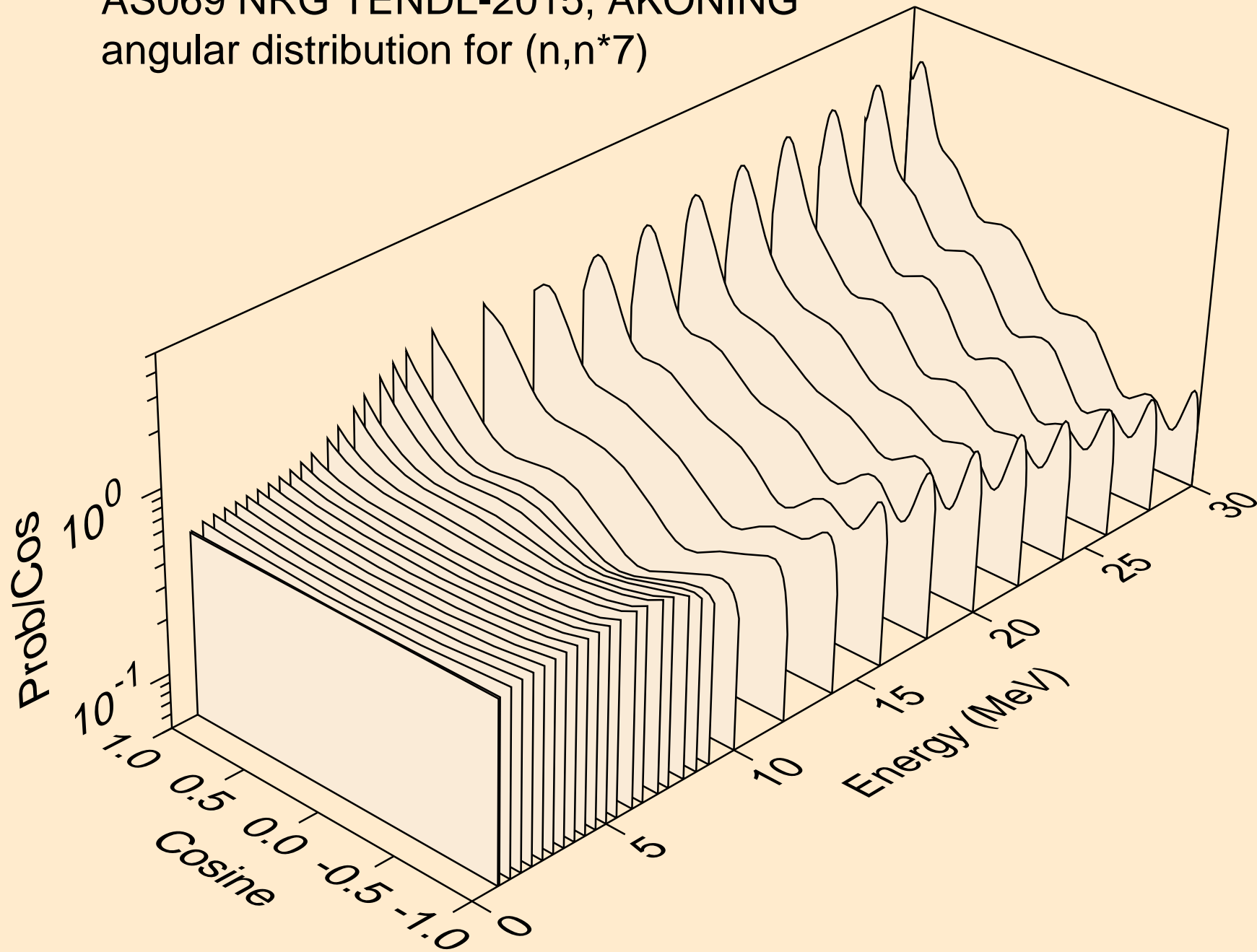
AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



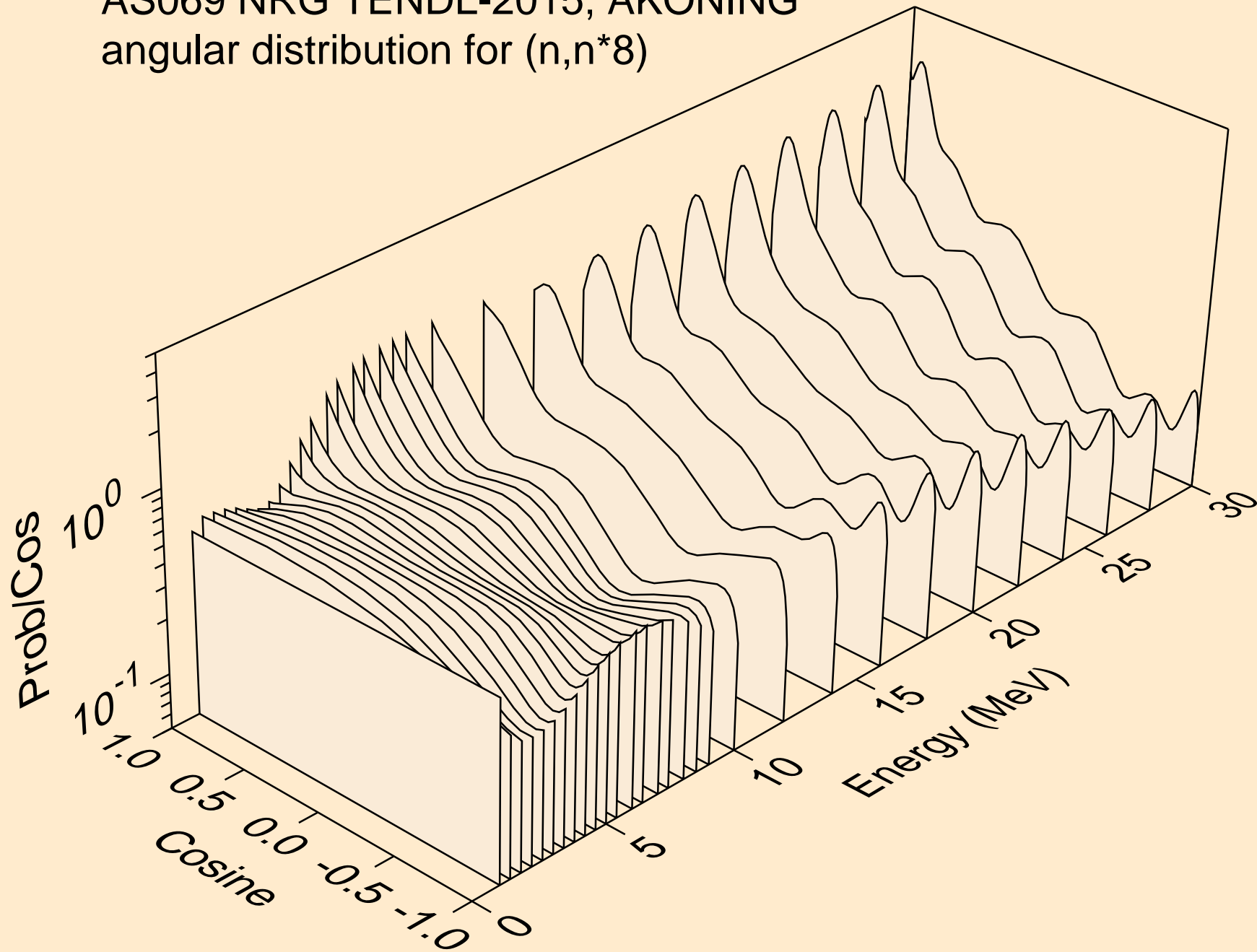
AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

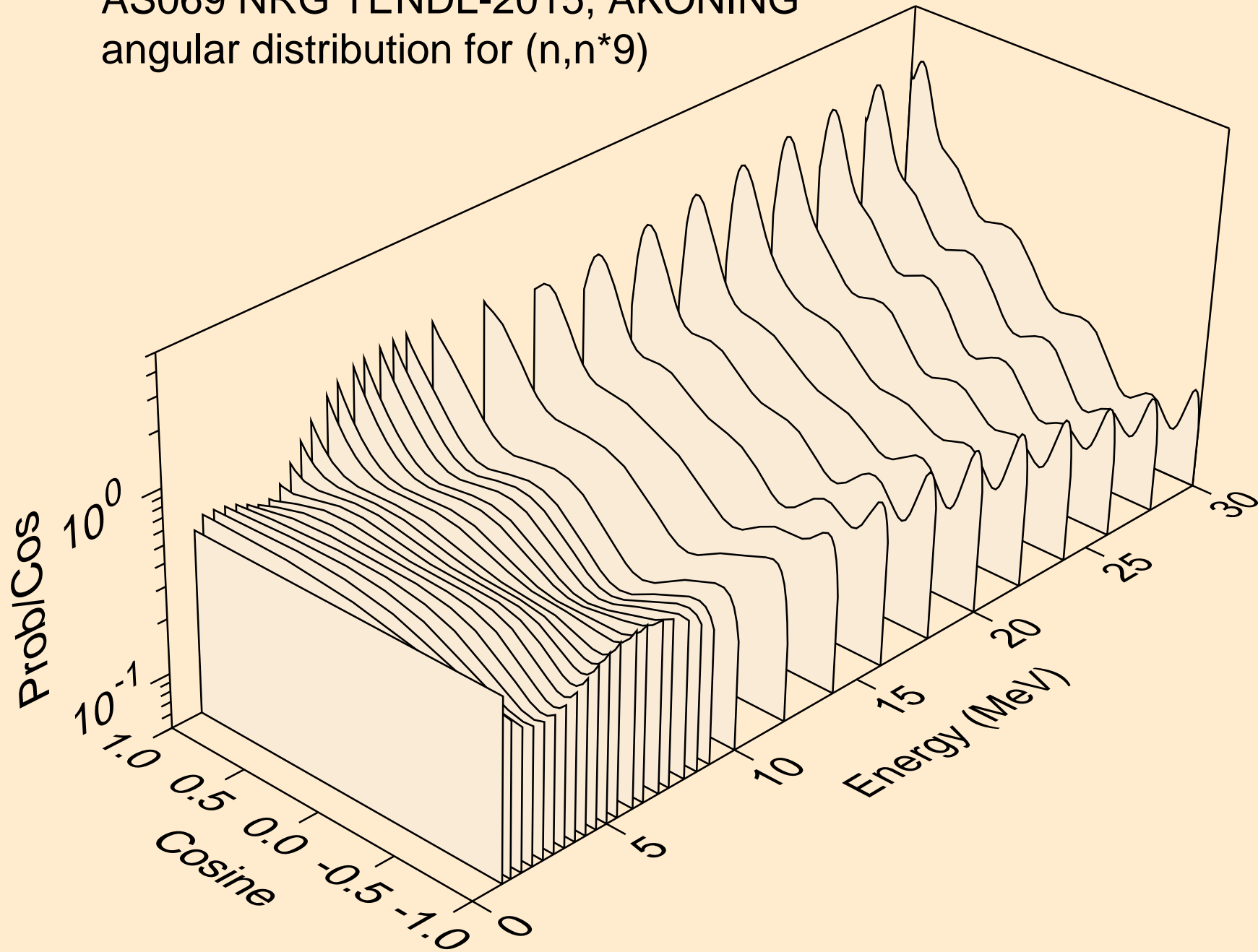


AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

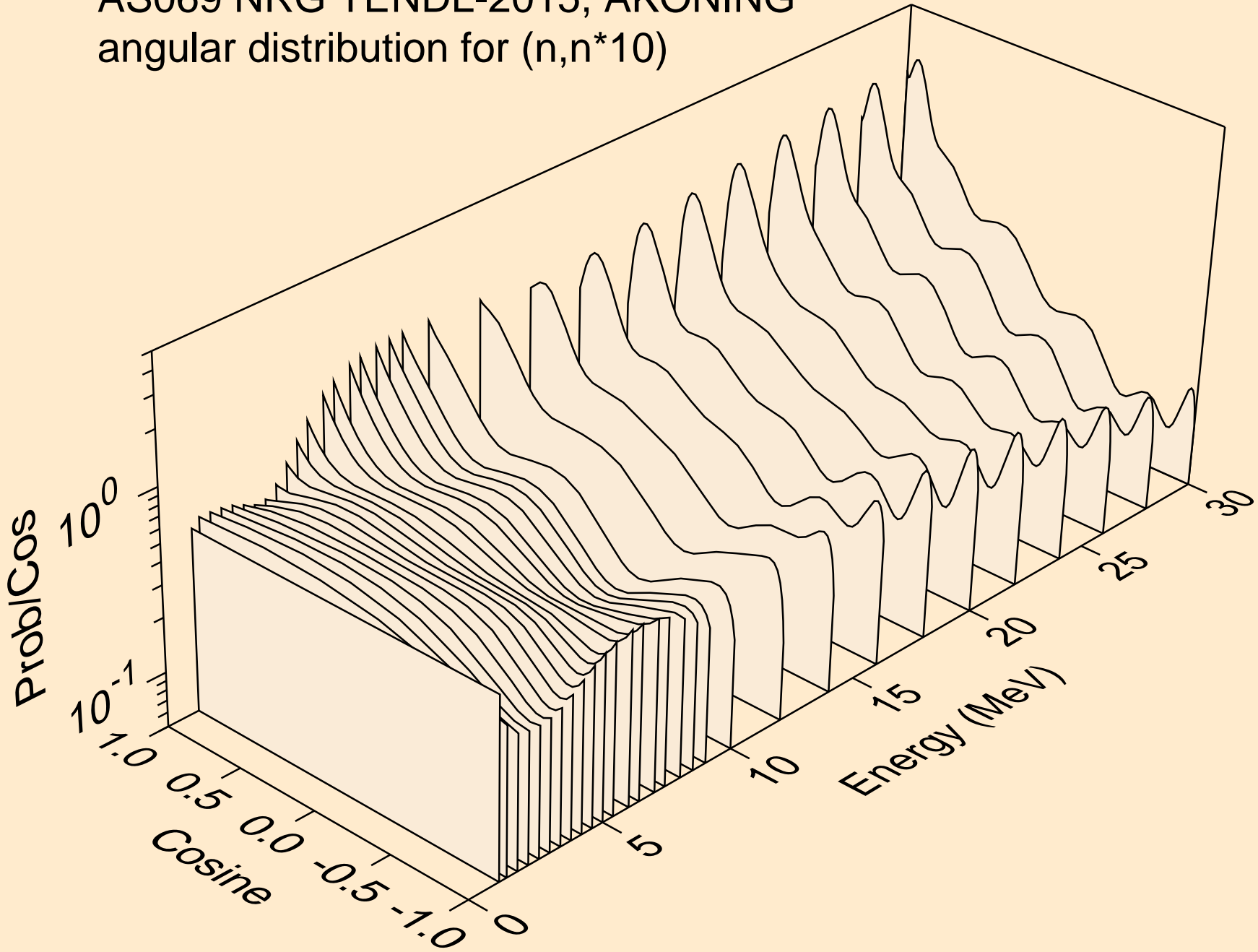




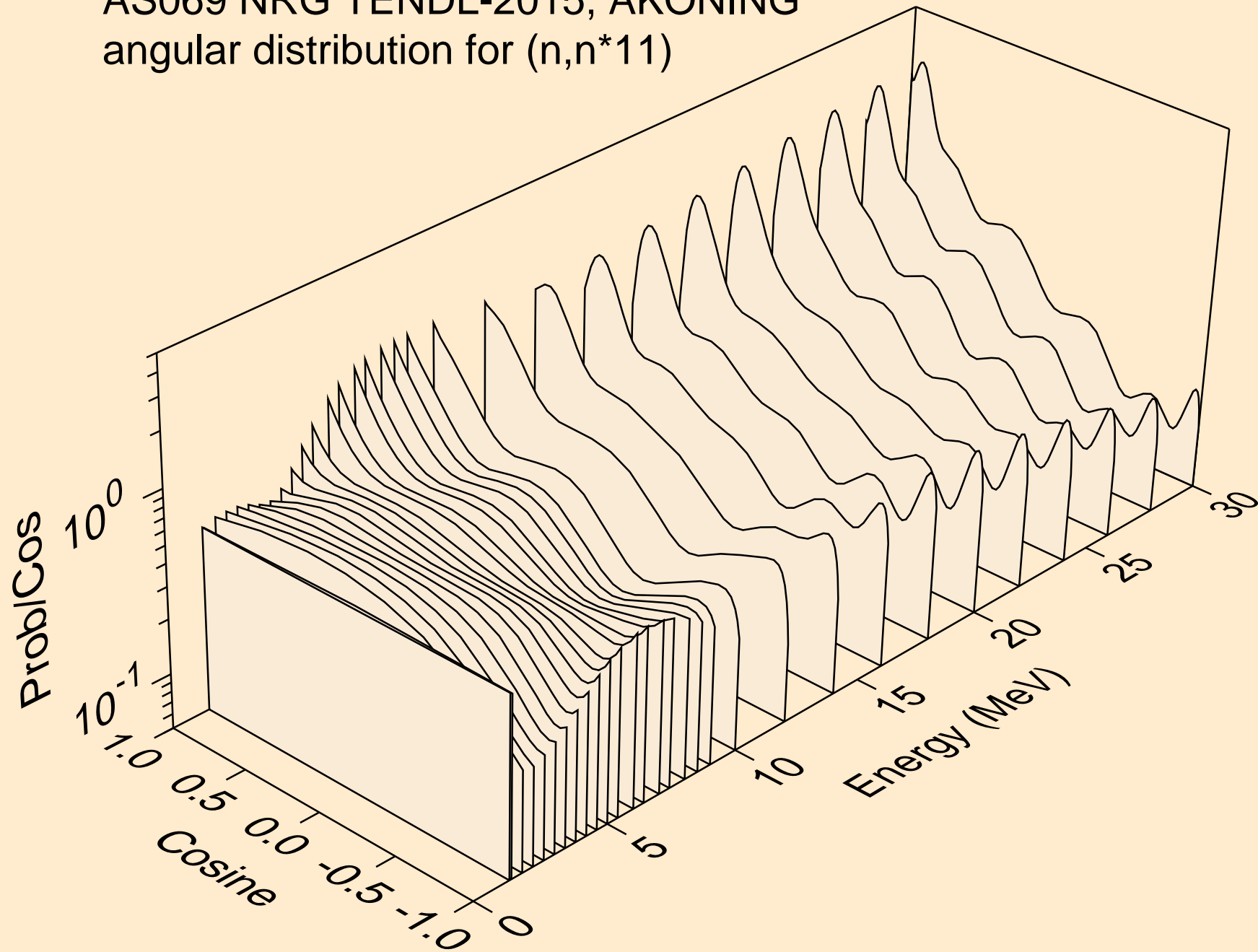
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angular distribution for (n,n\*9)



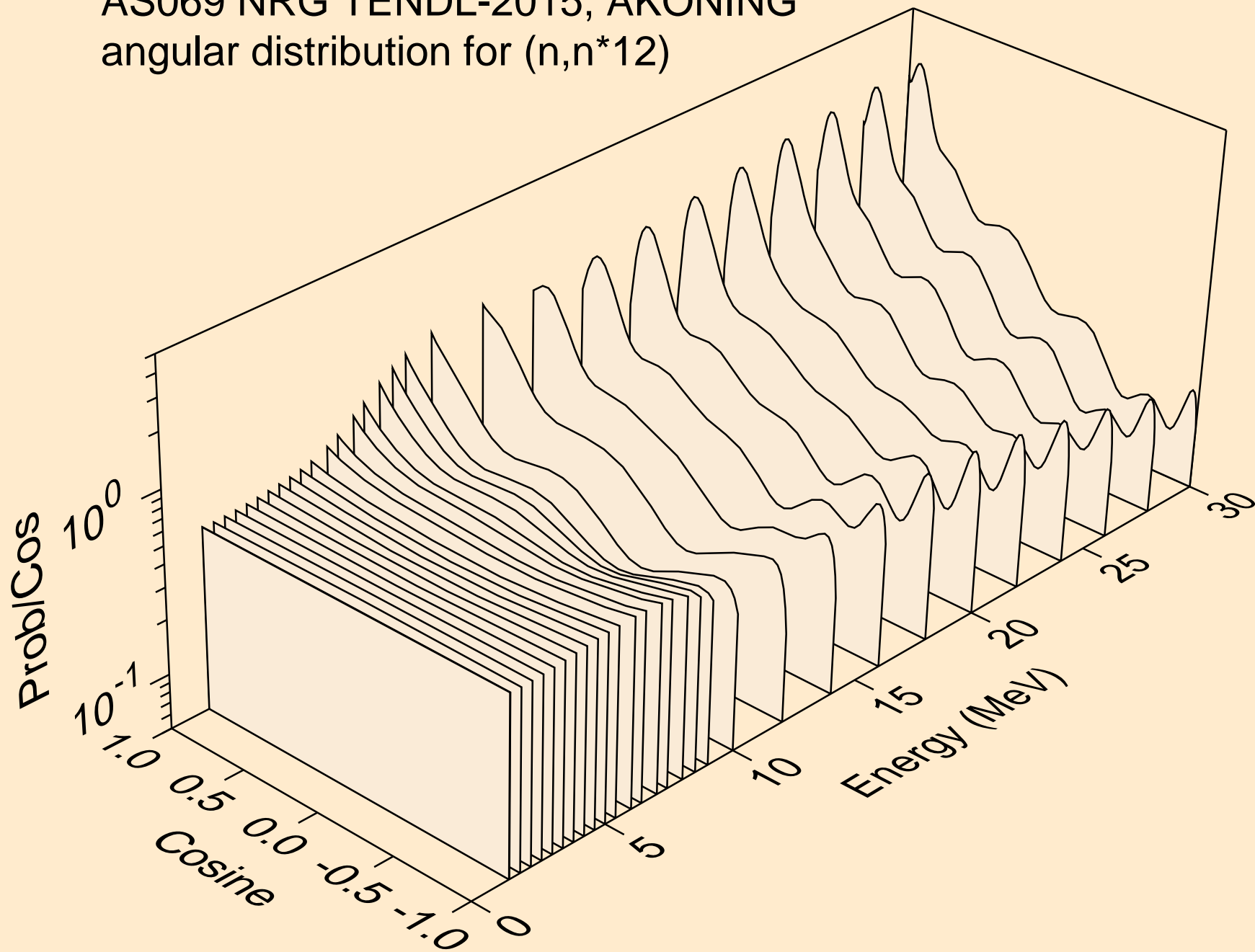
AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



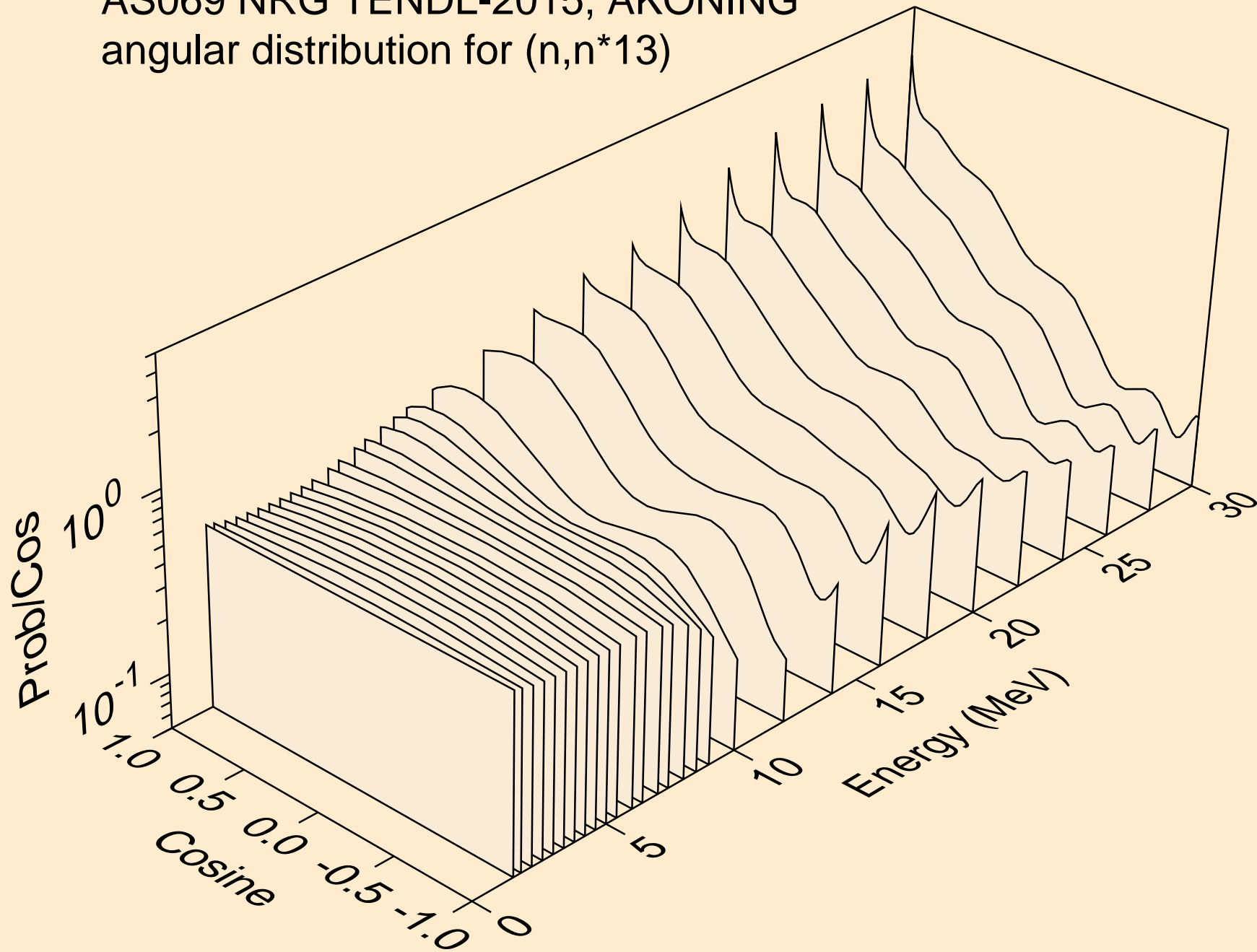
AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



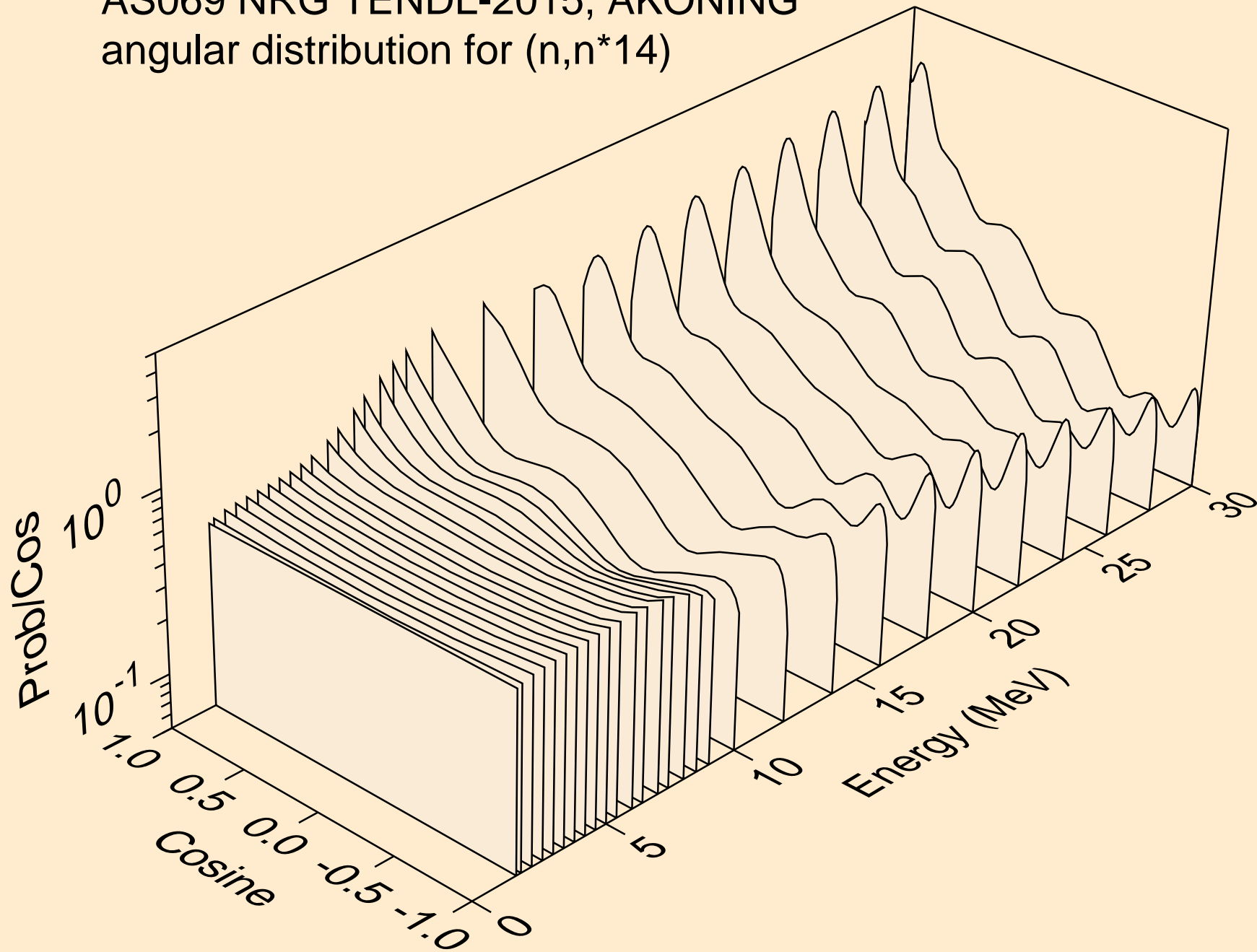
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angular distribution for (n,n\*12)



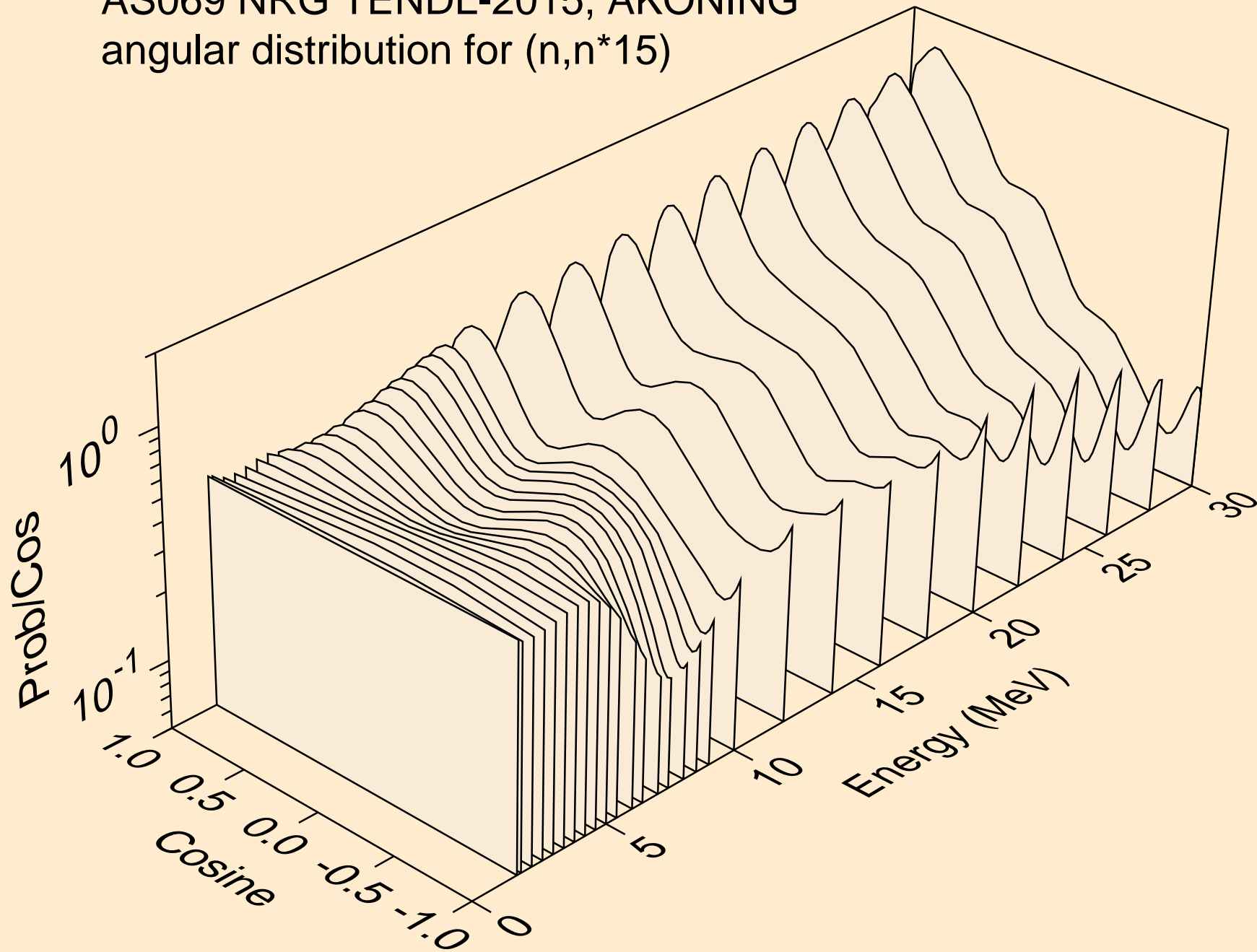
AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



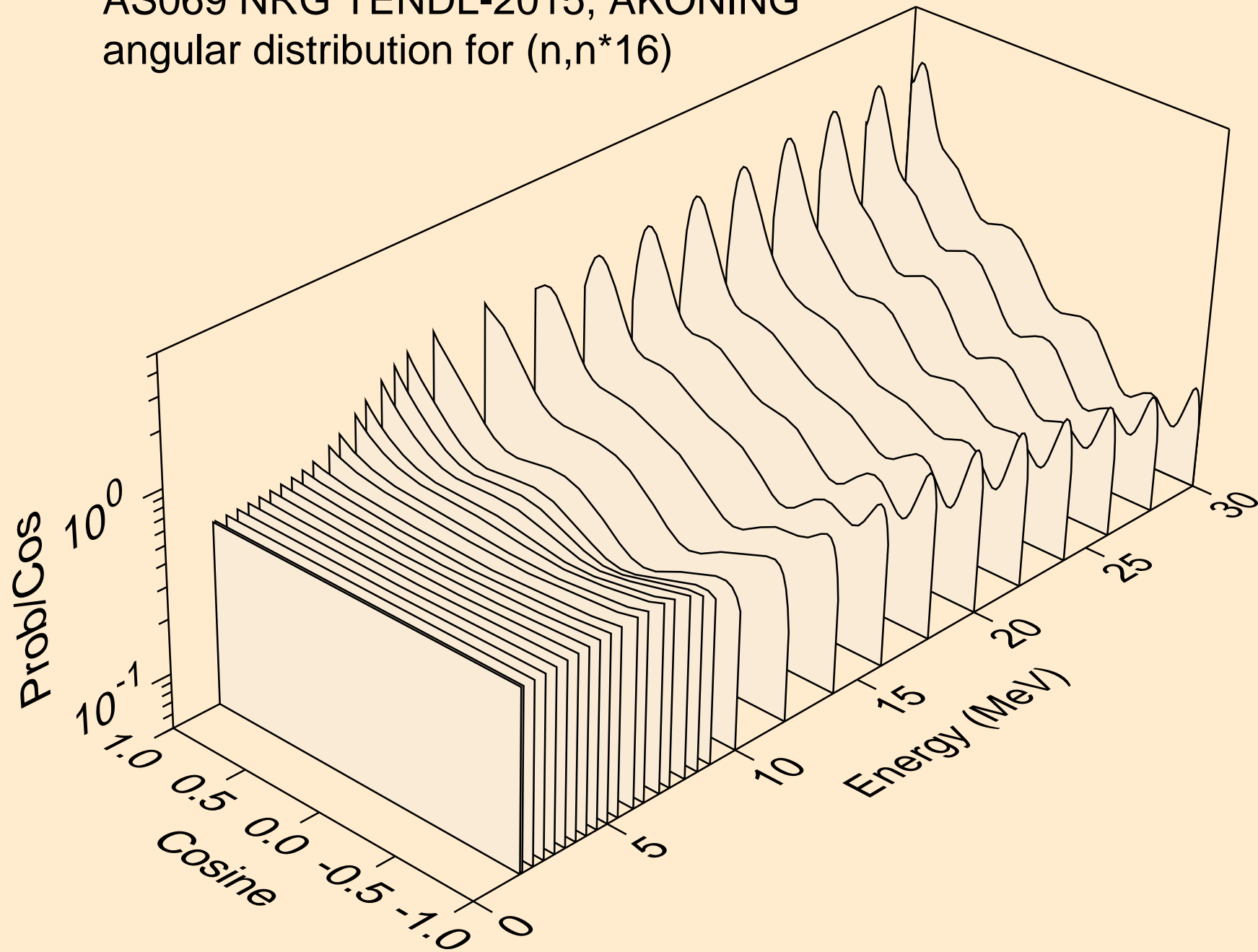
AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

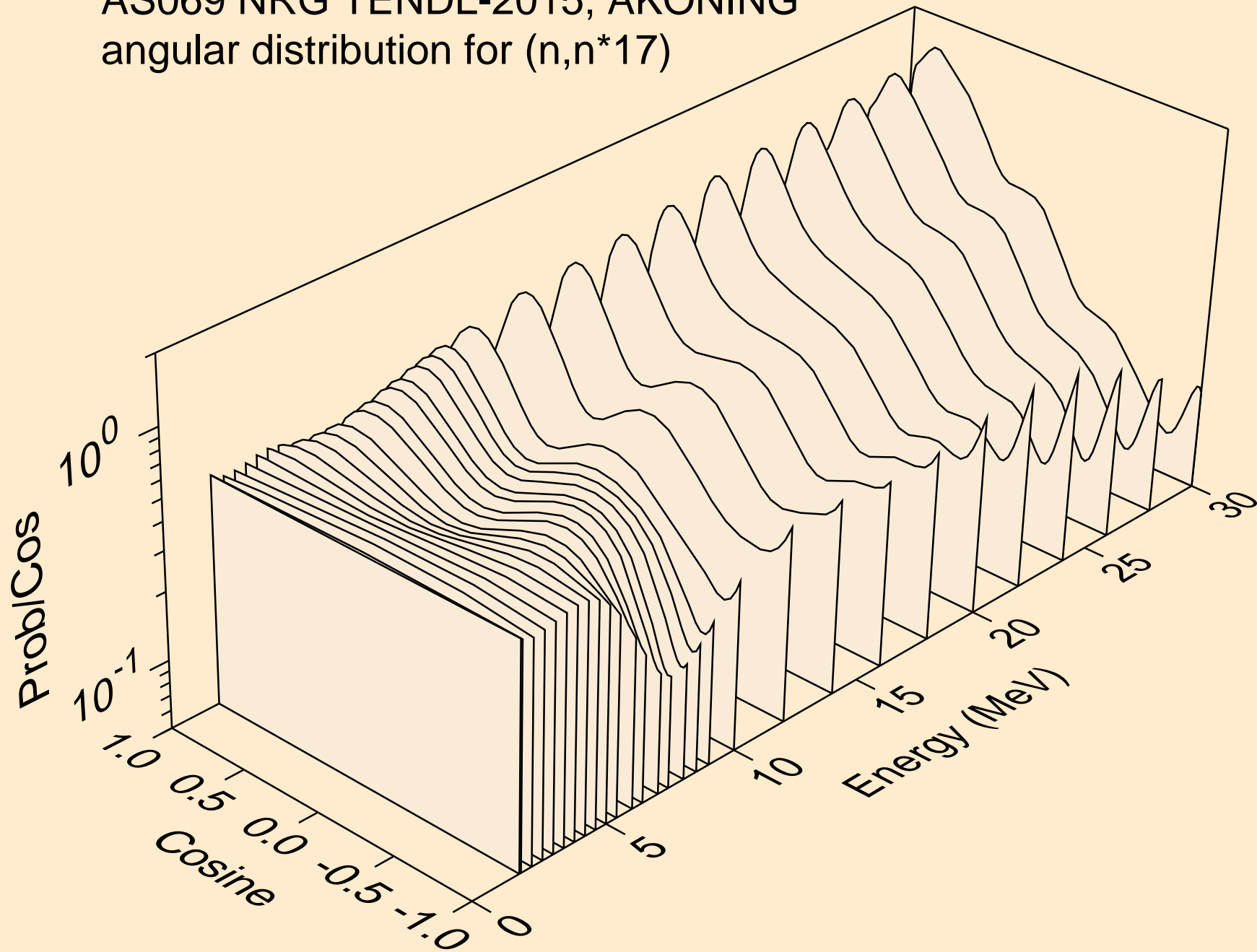


AS069 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

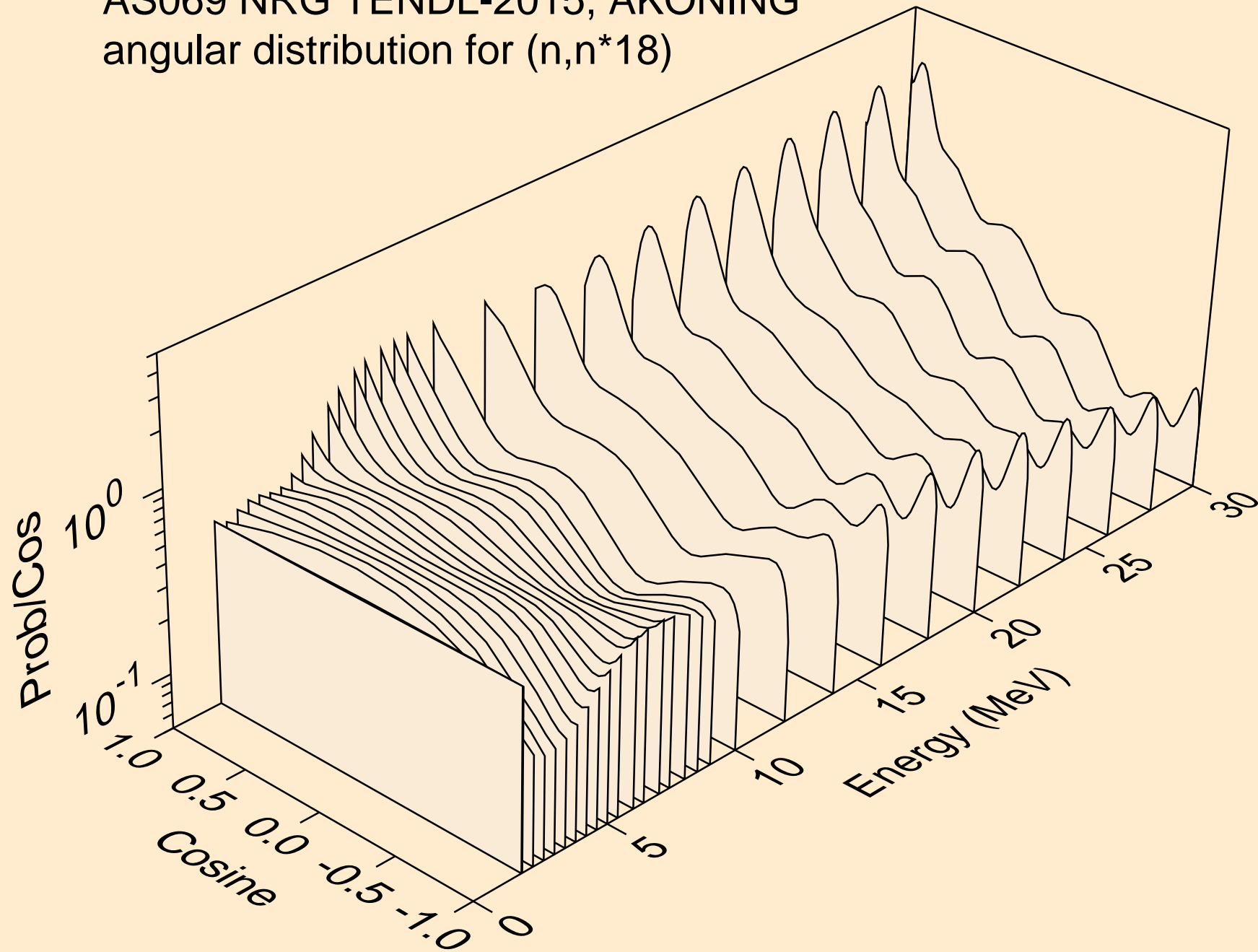




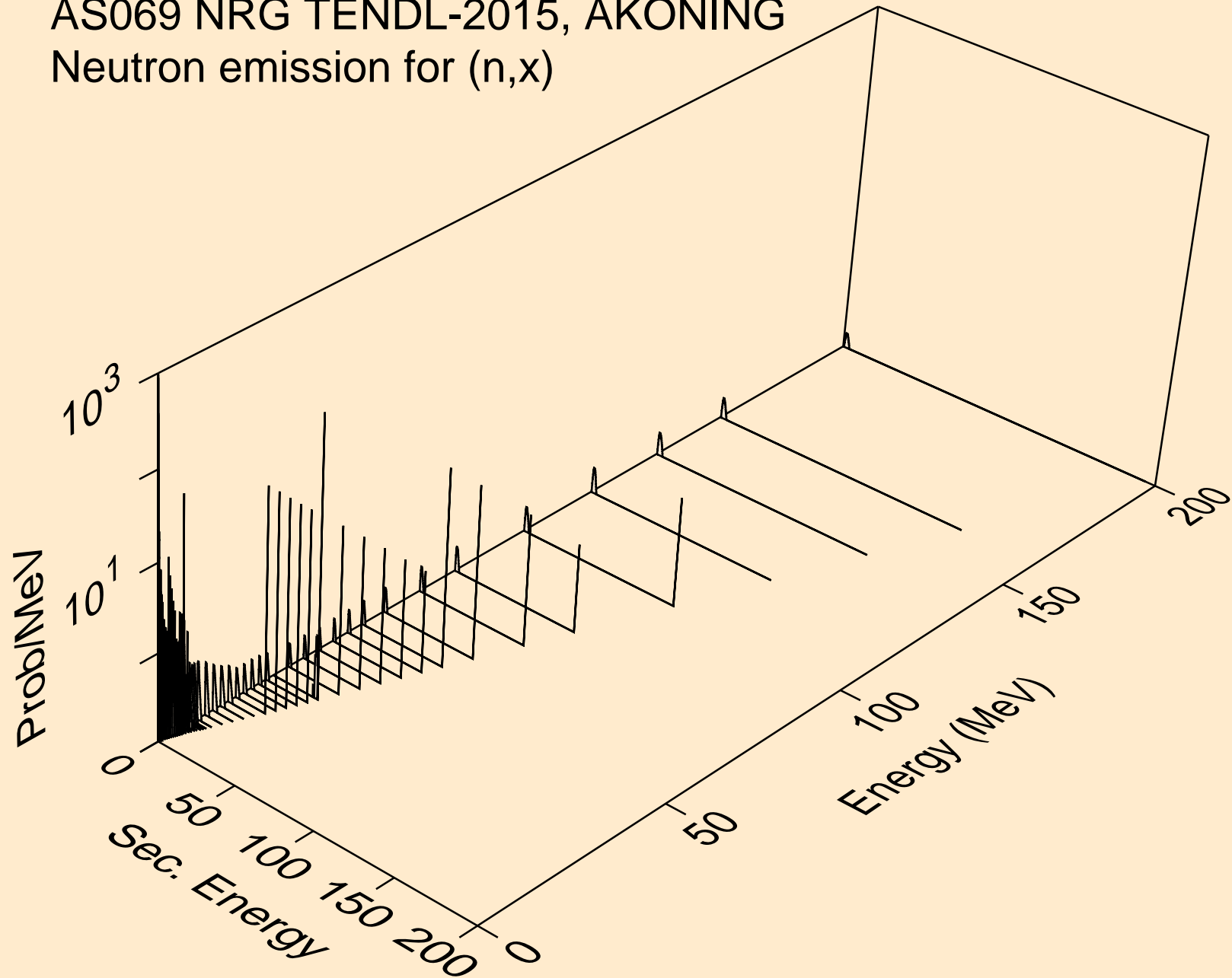
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angular distribution for (n,n\*17)



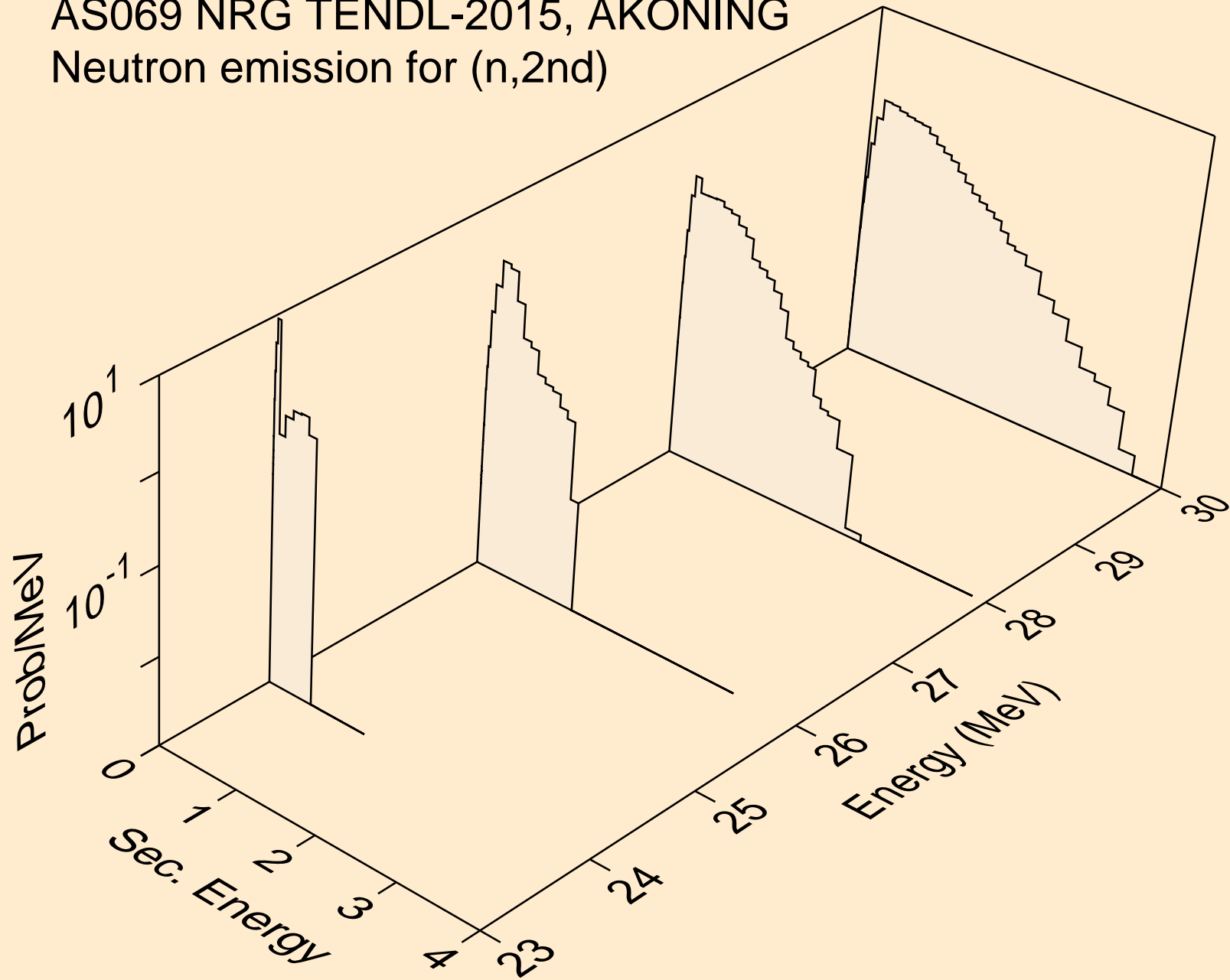
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angular distribution for (n,n\*18)



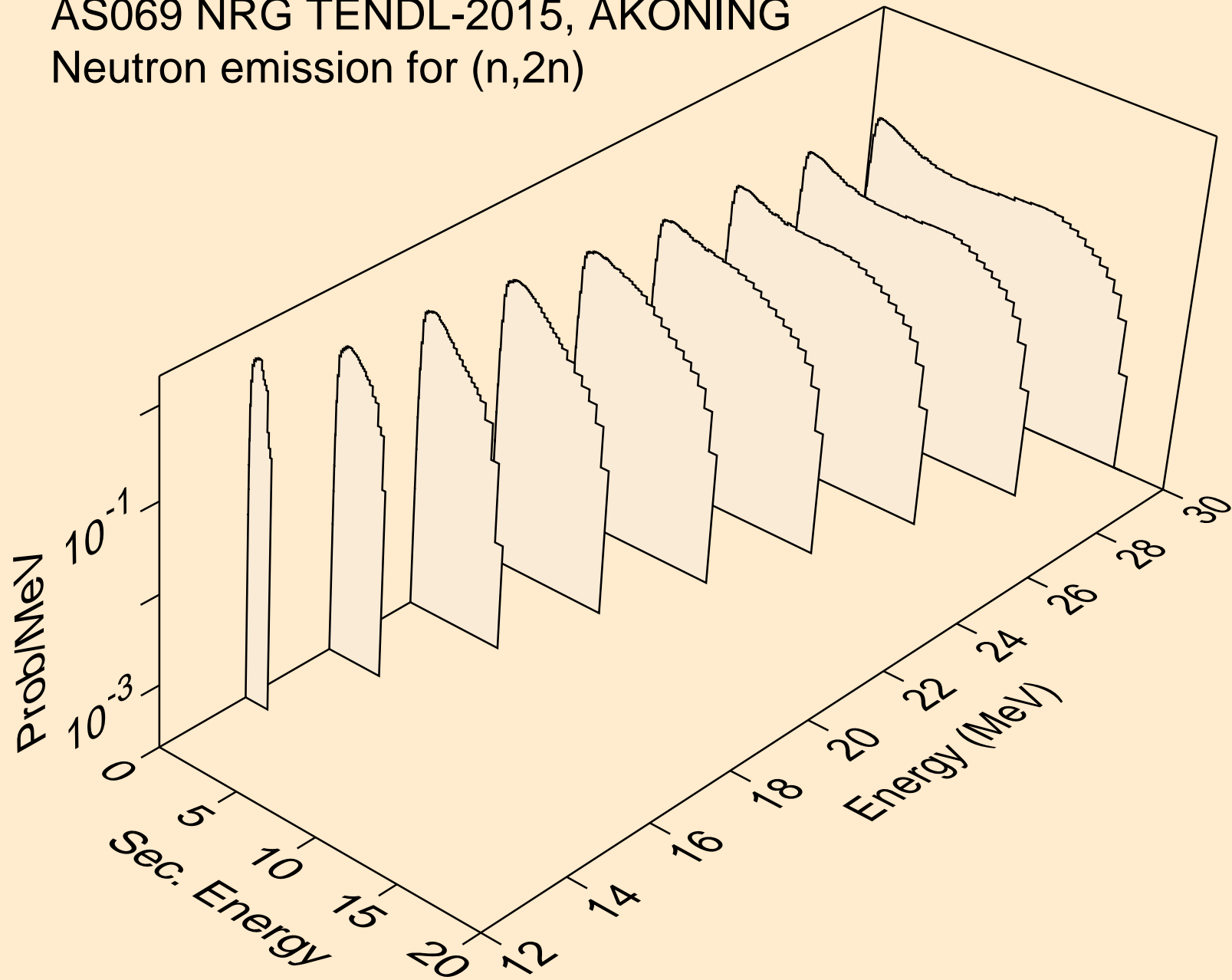
AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



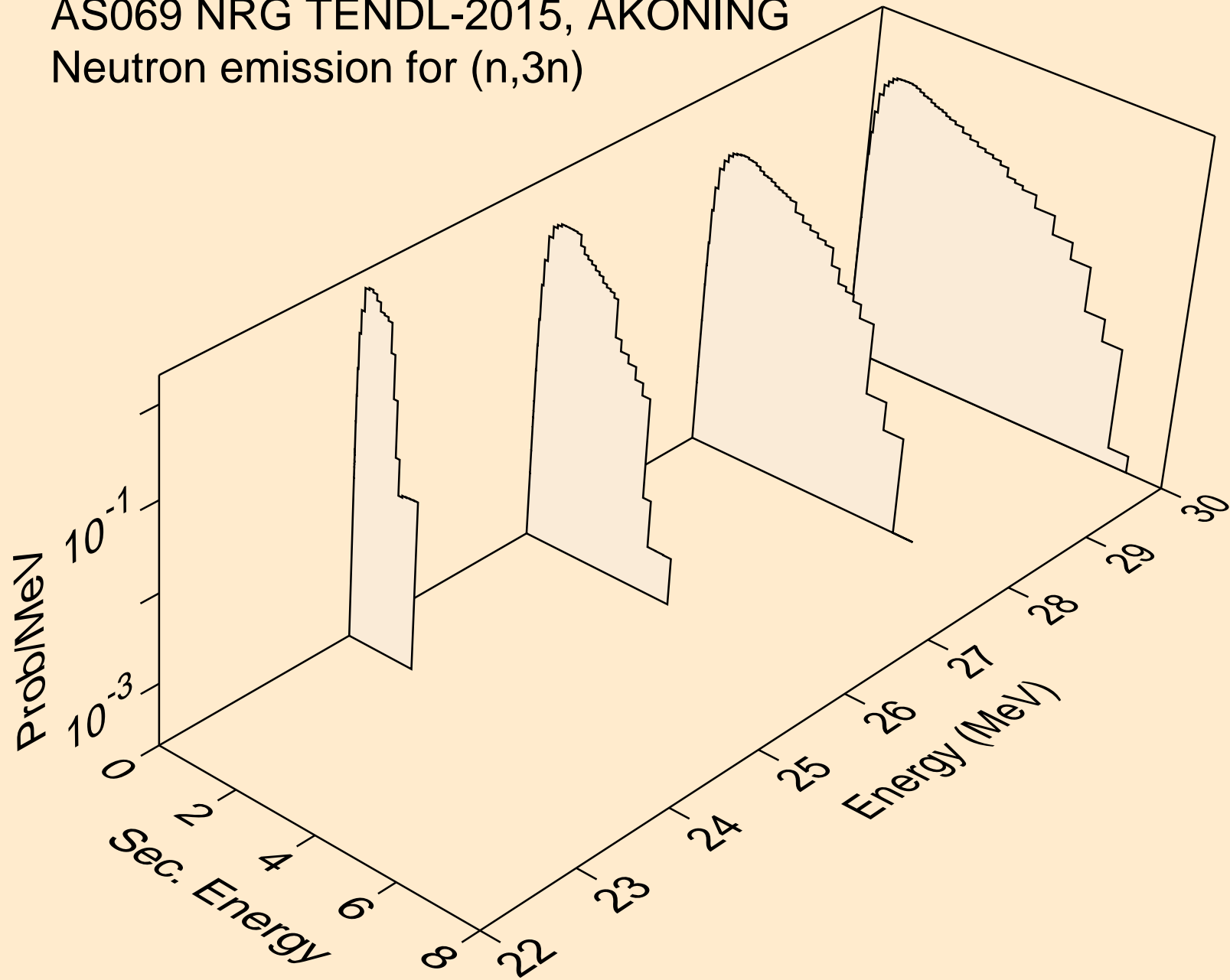
AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



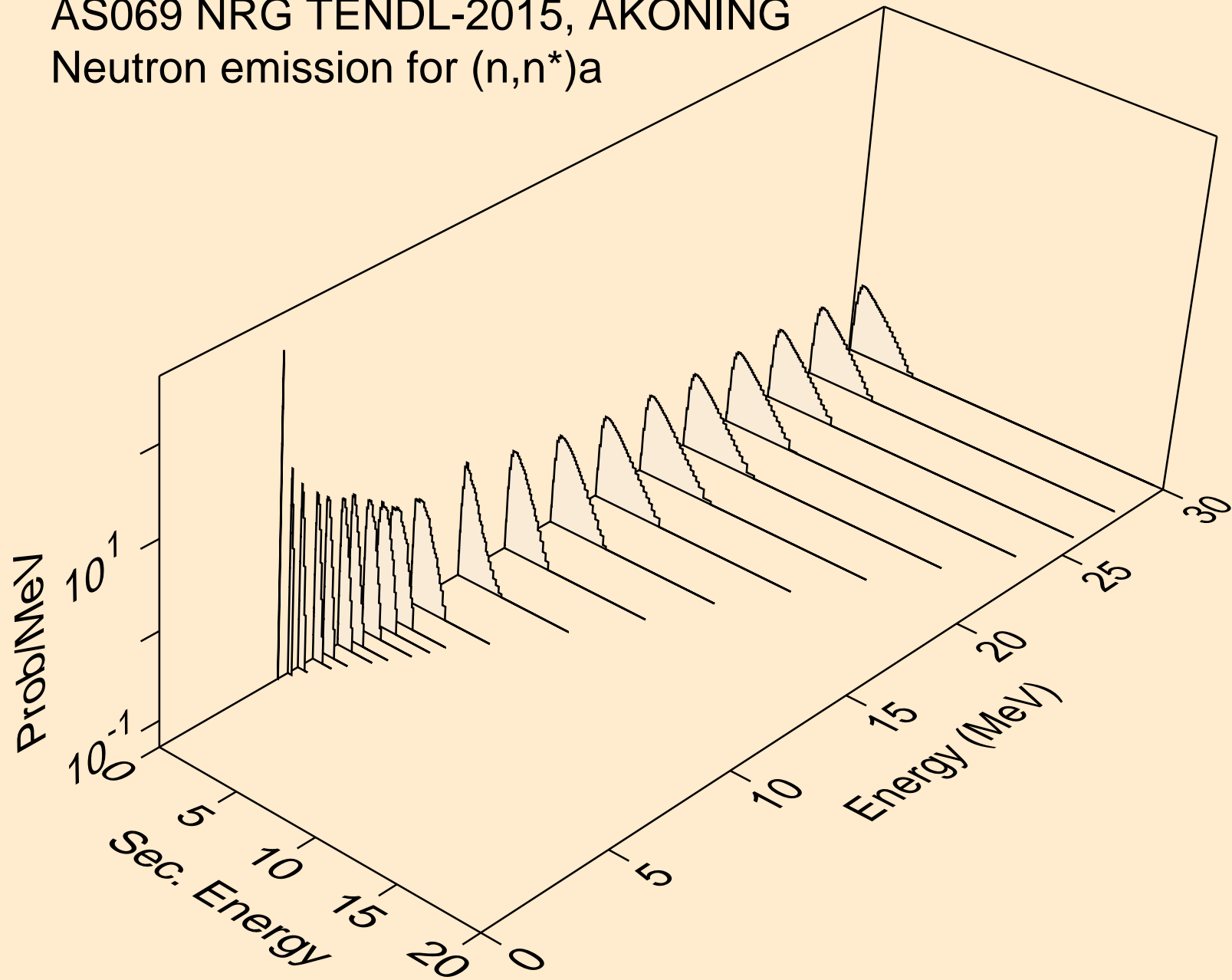
AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



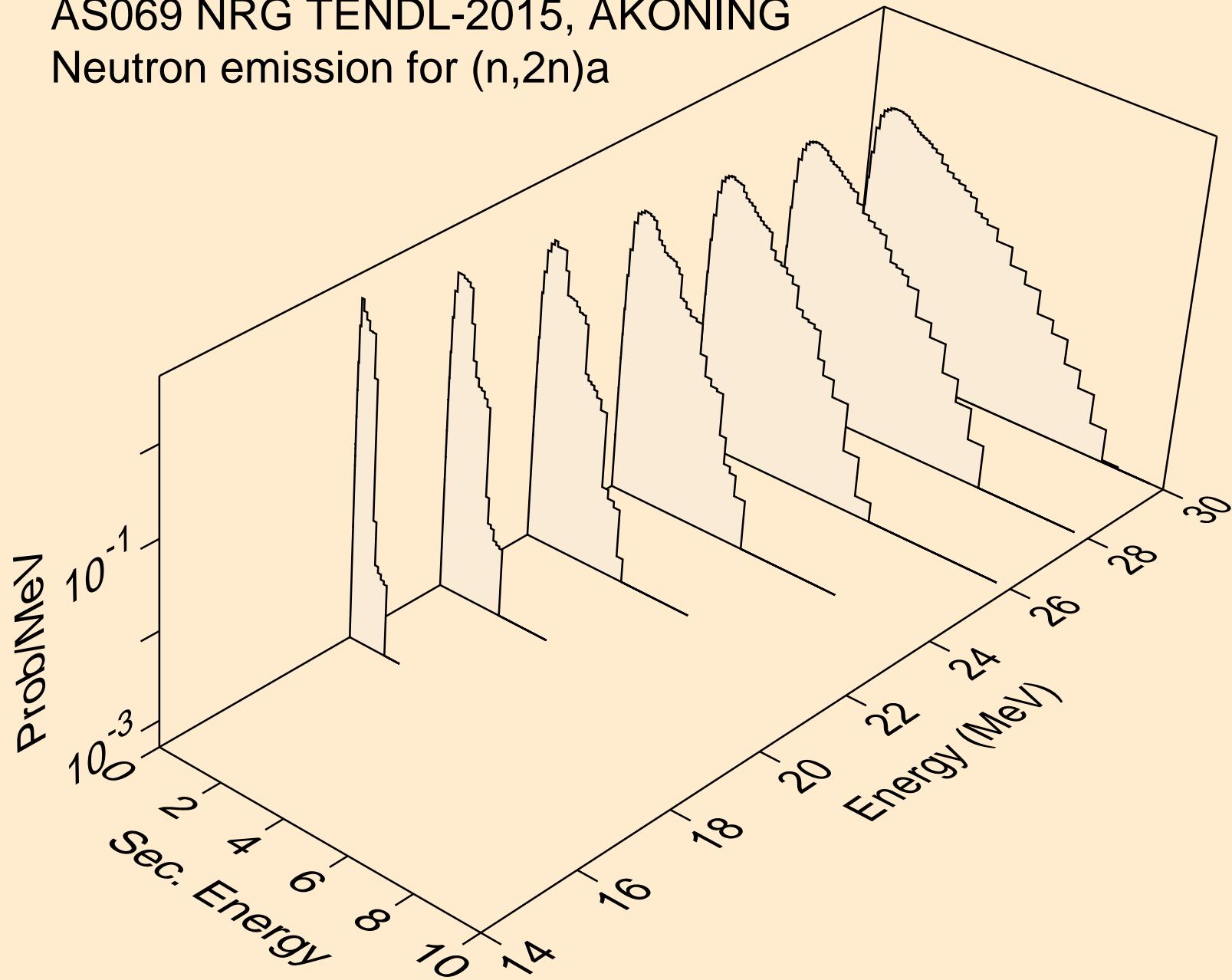
AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

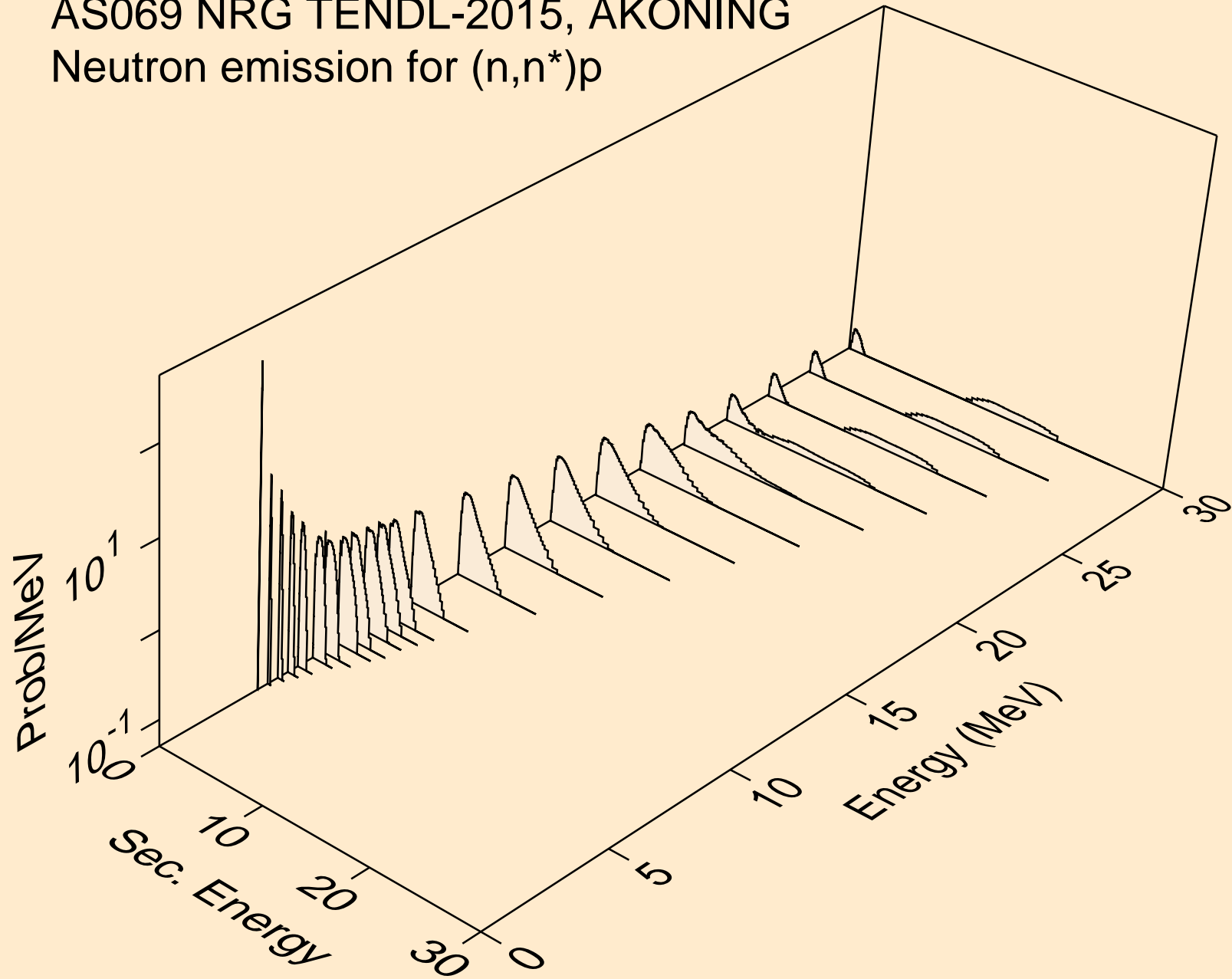


AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

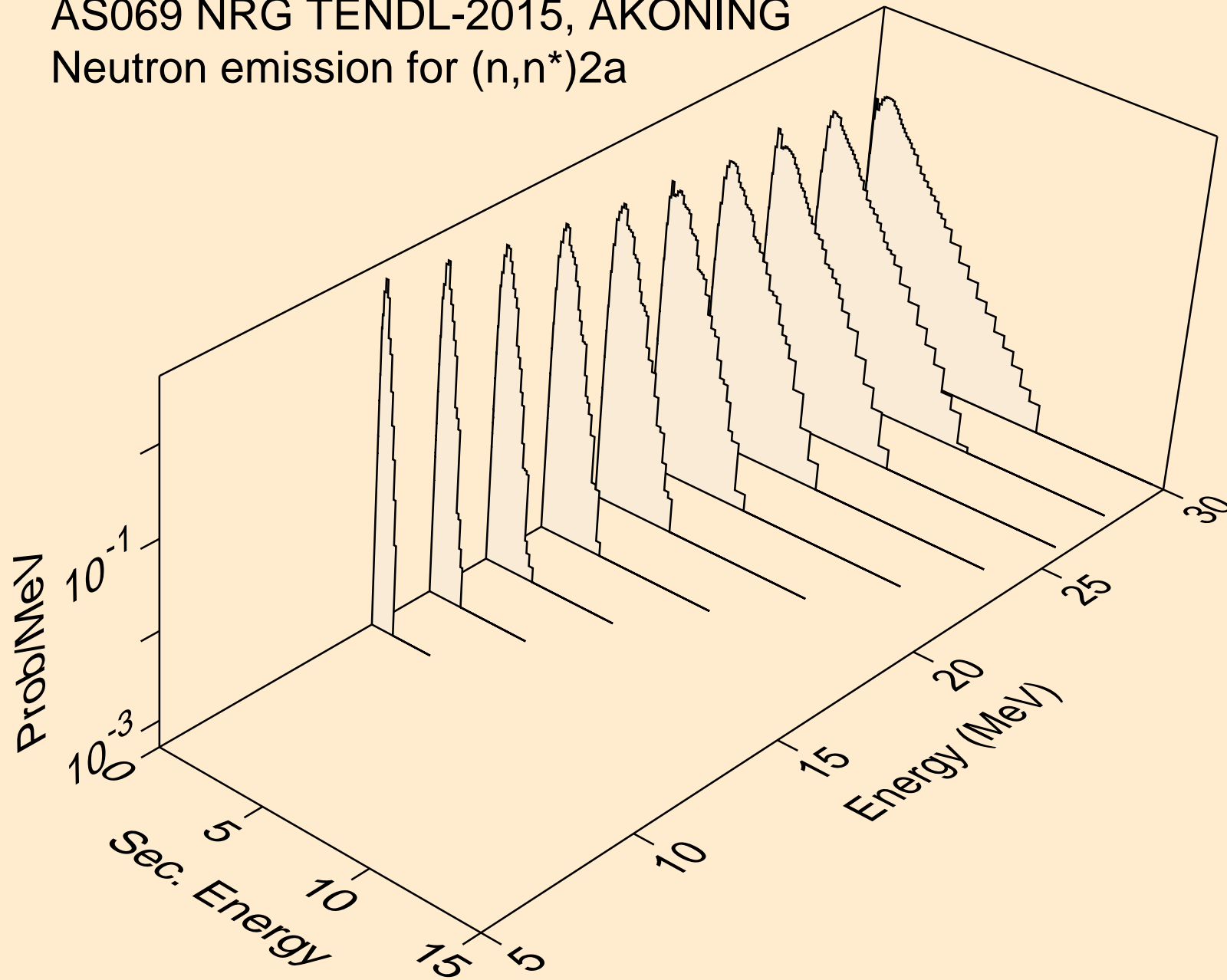




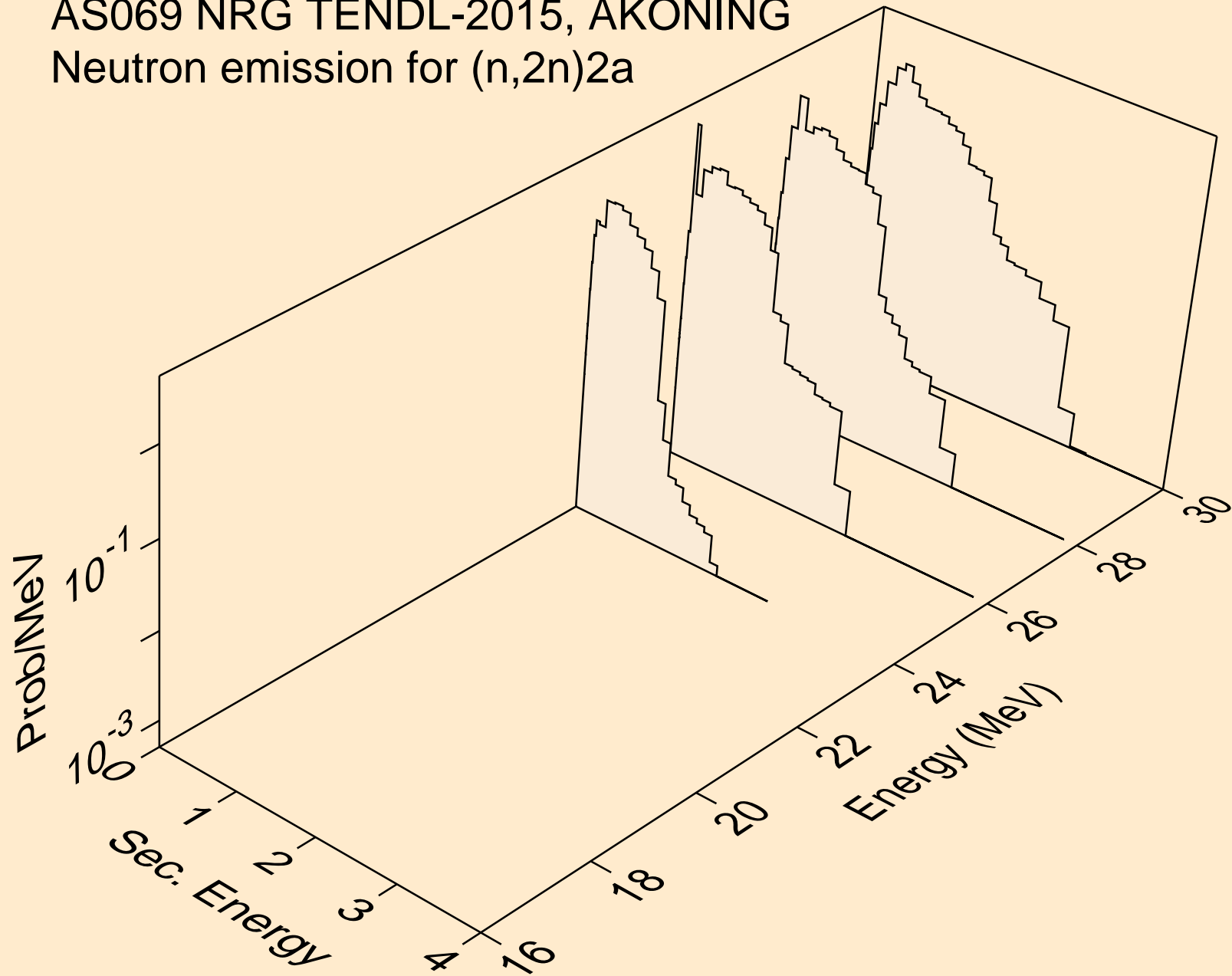
AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



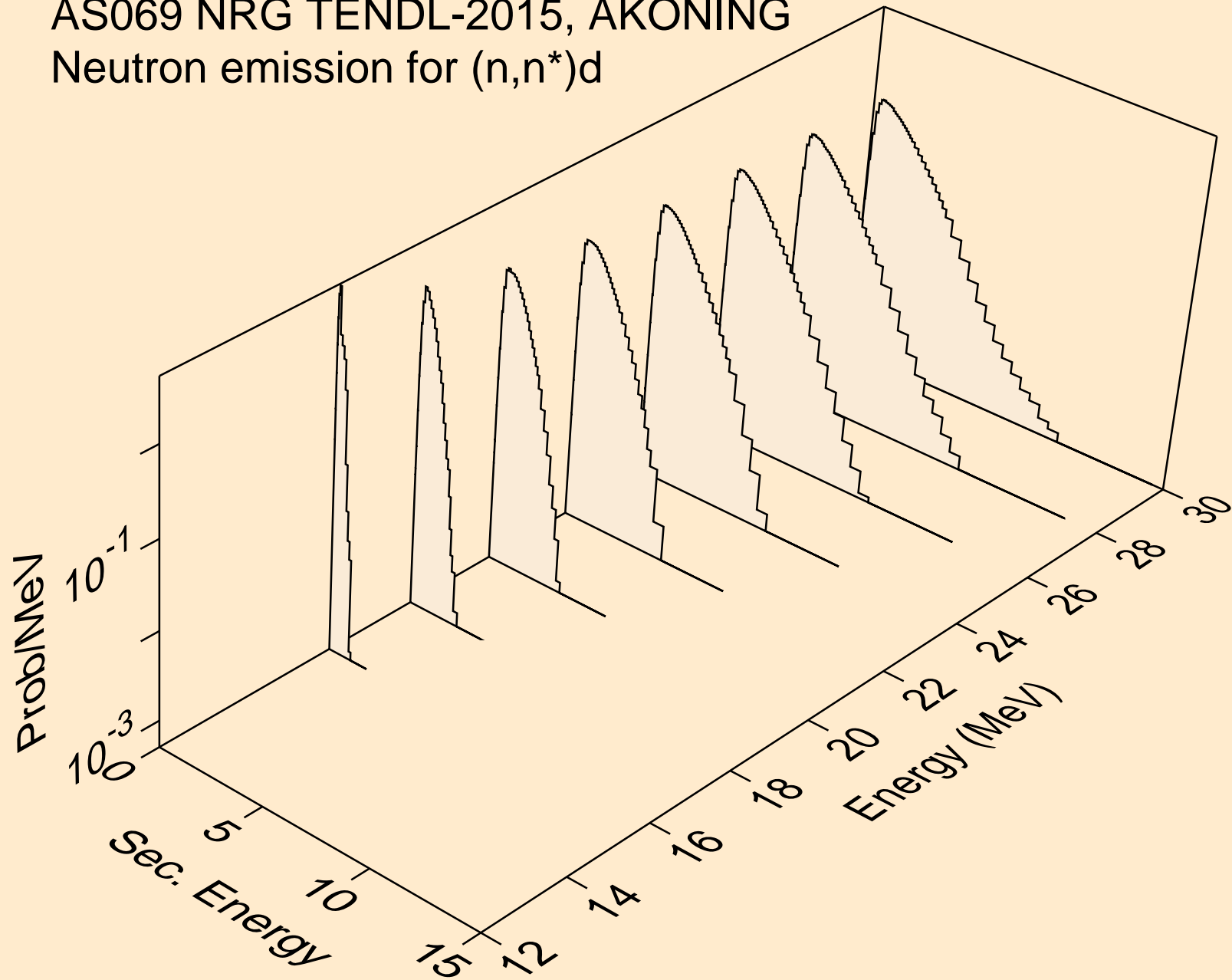
AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



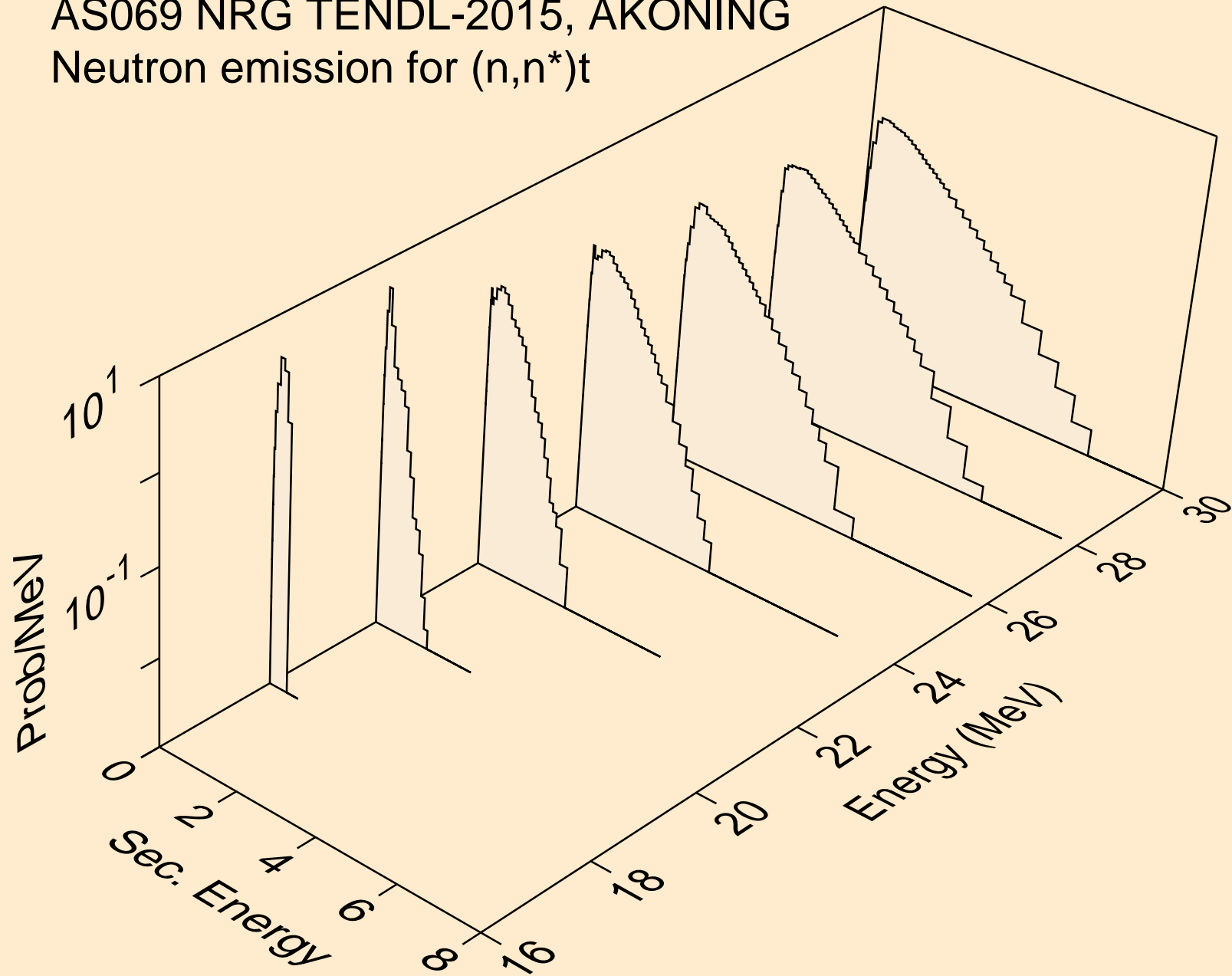
AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



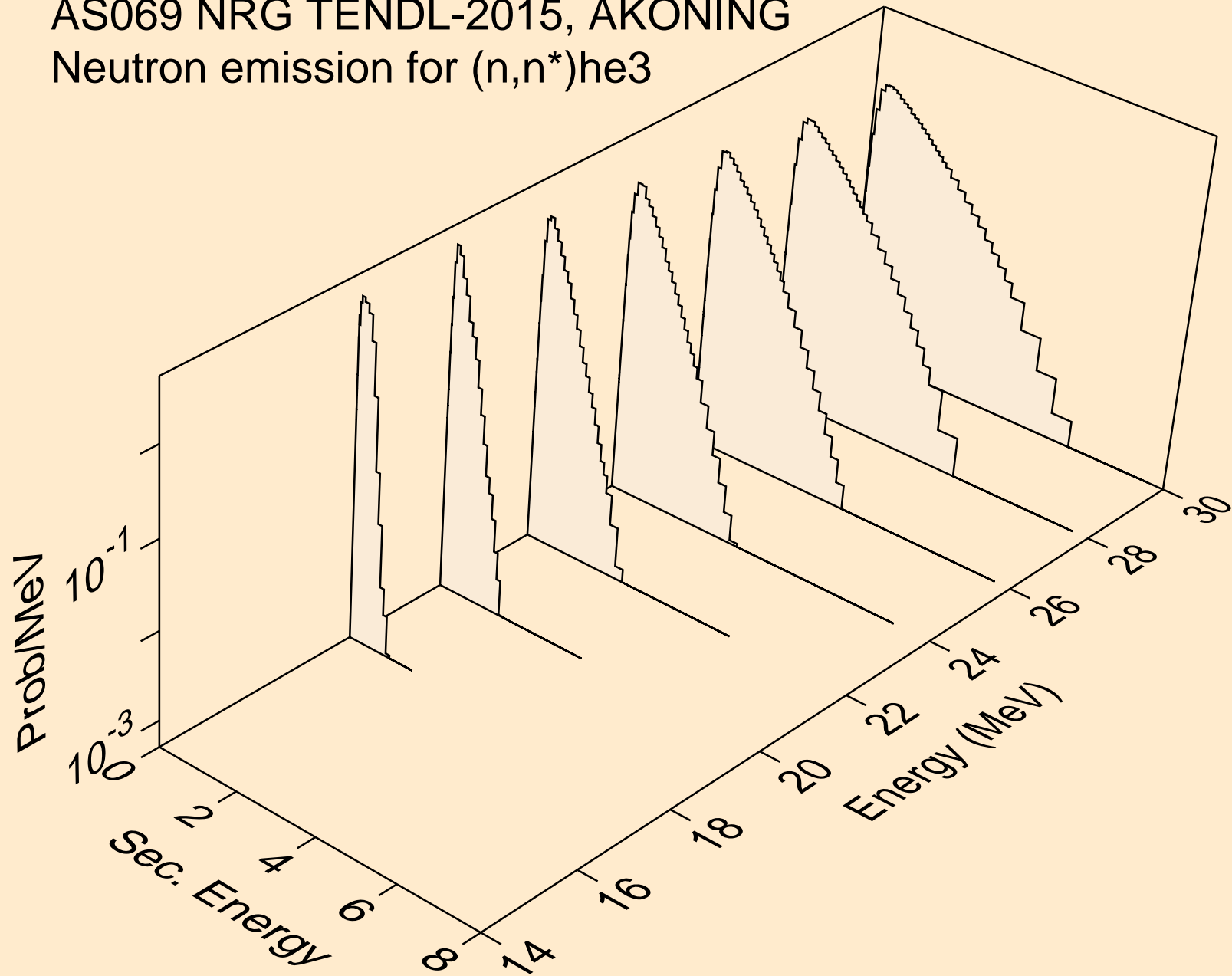
AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



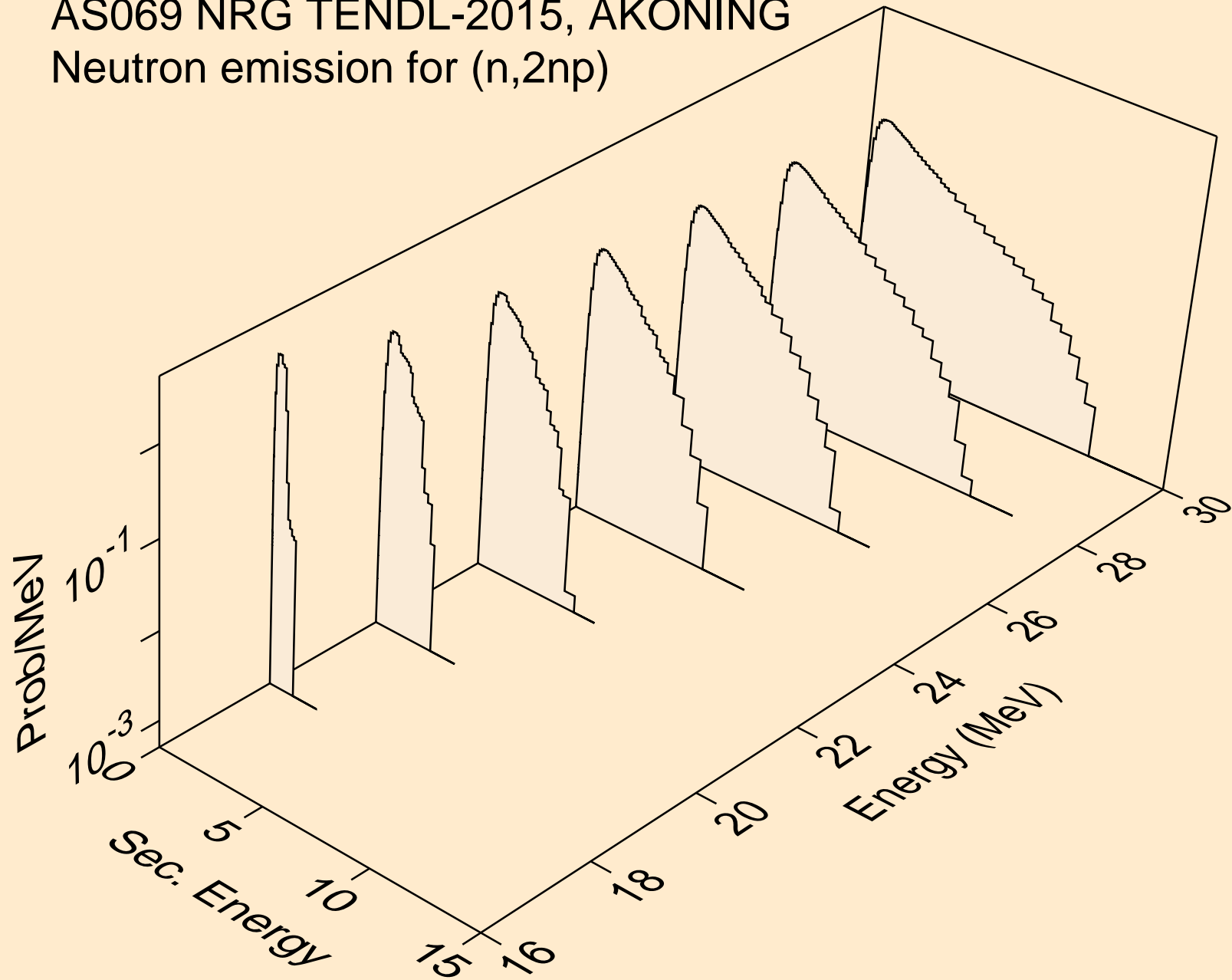
AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



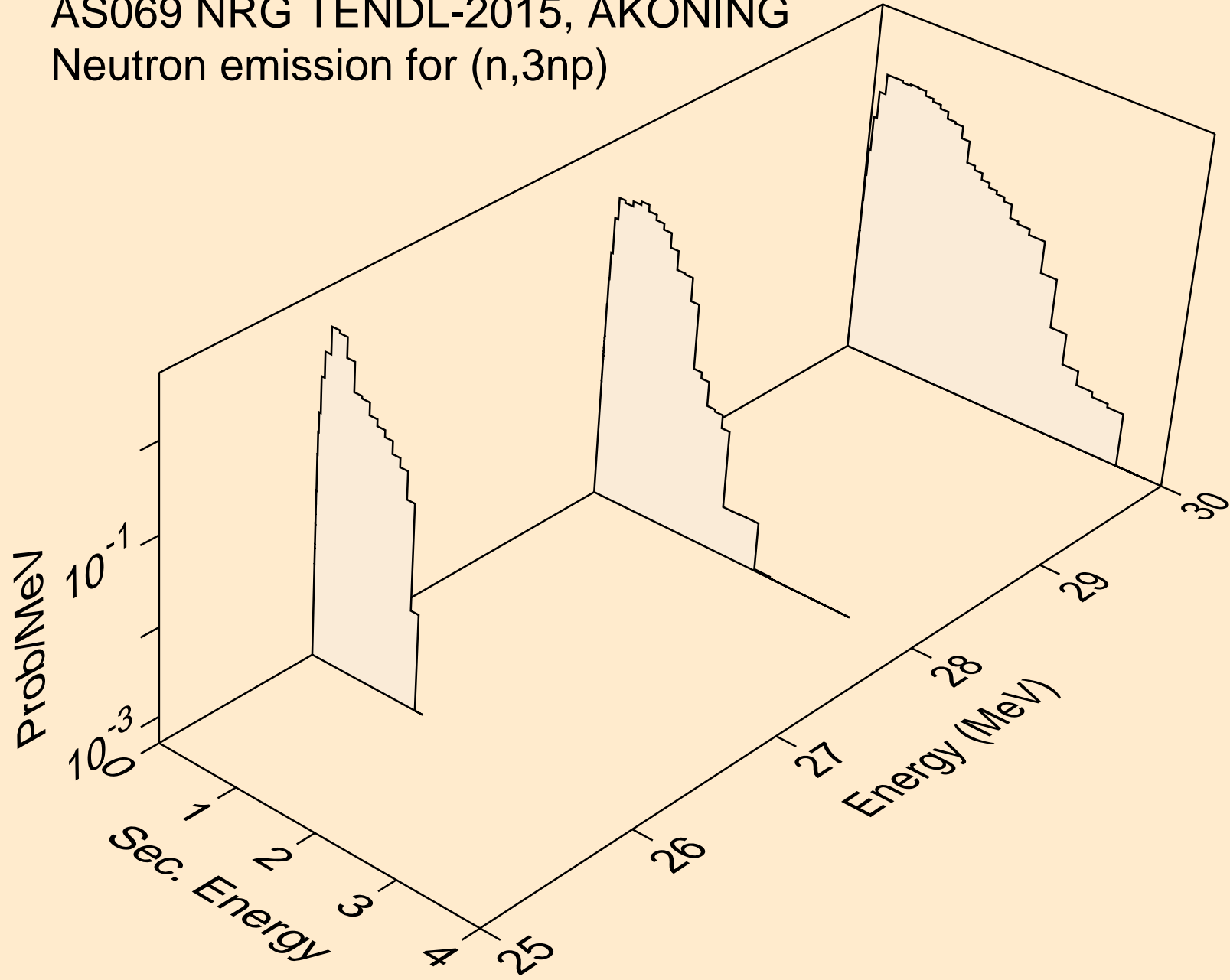
AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

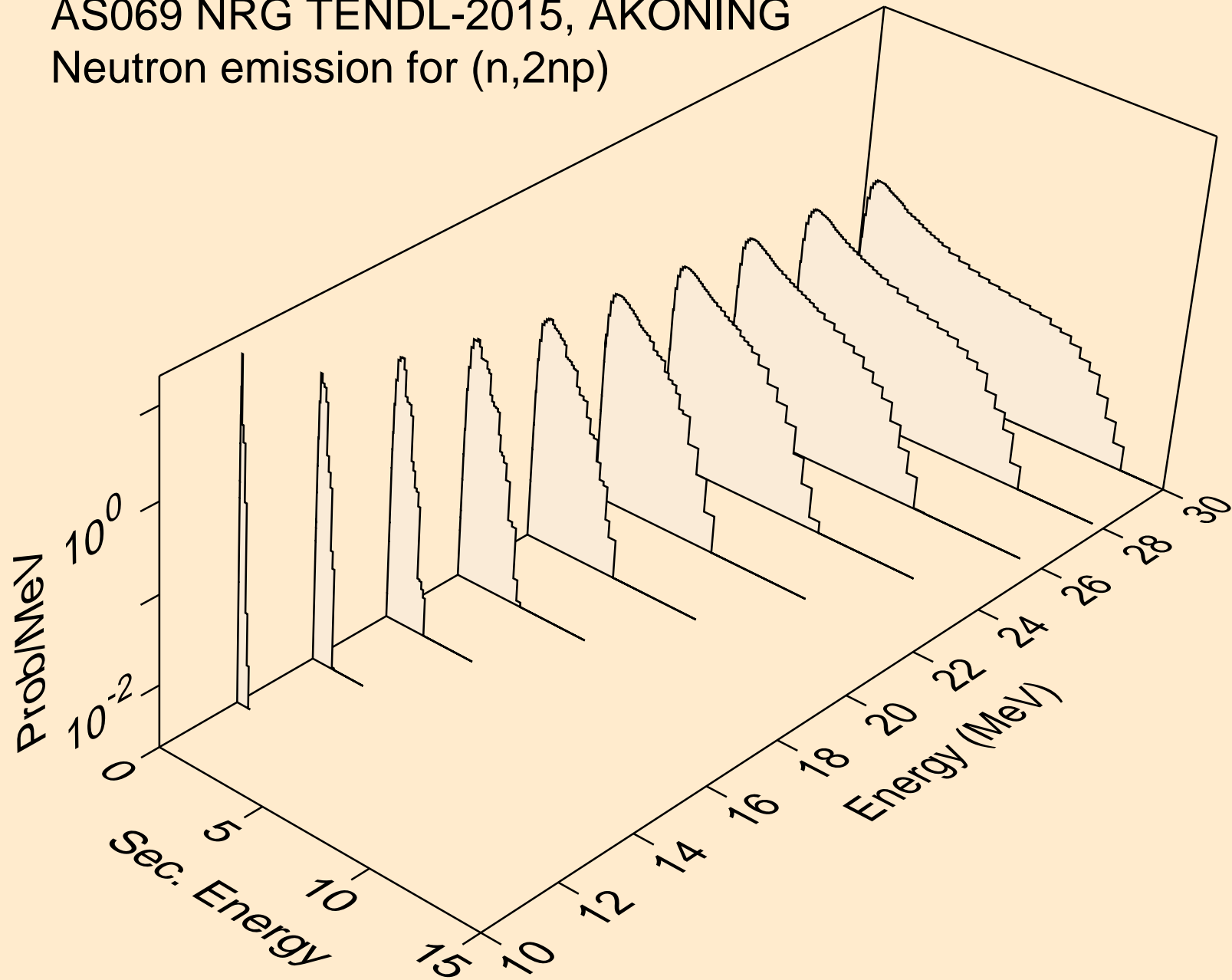


AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

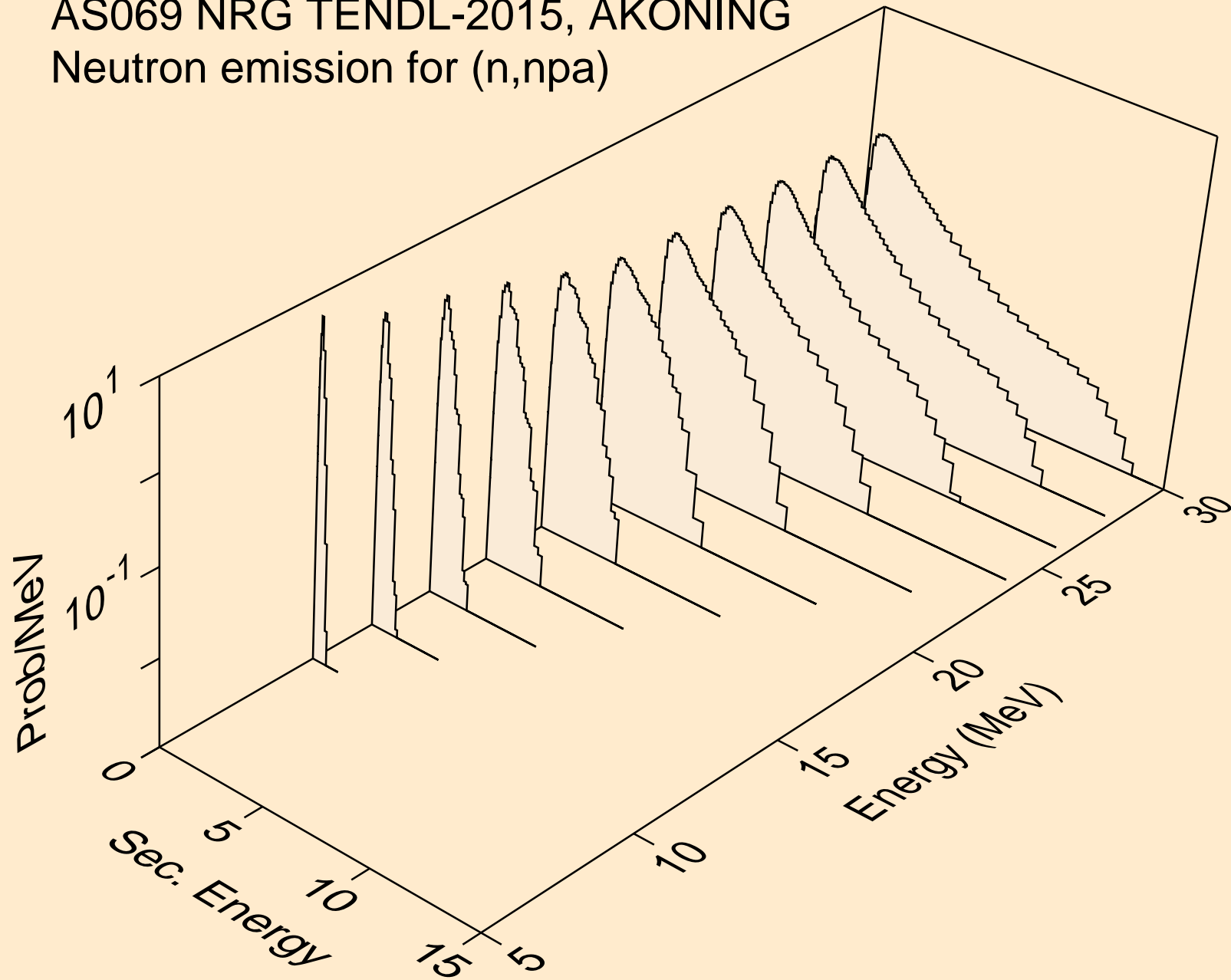




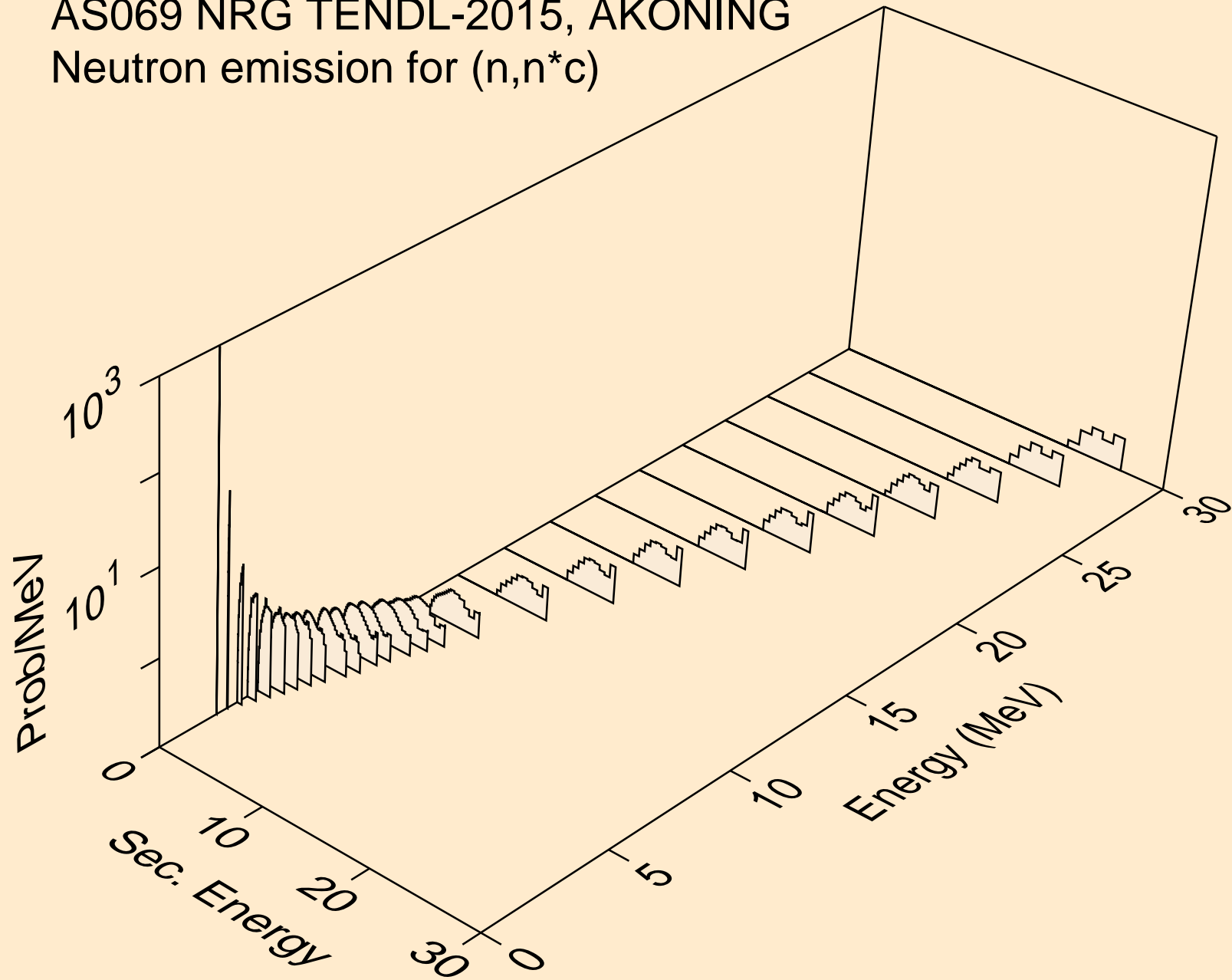
AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



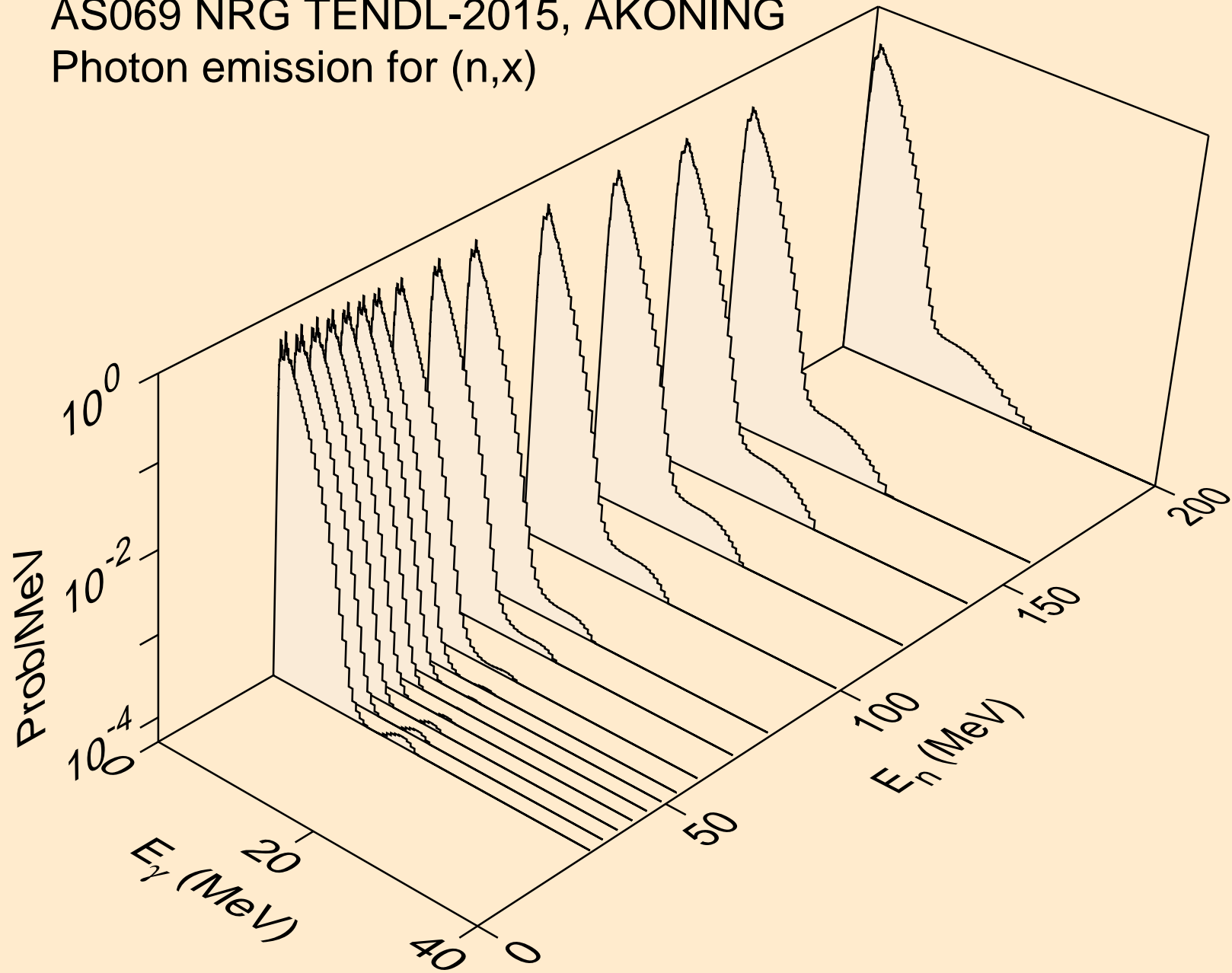
AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



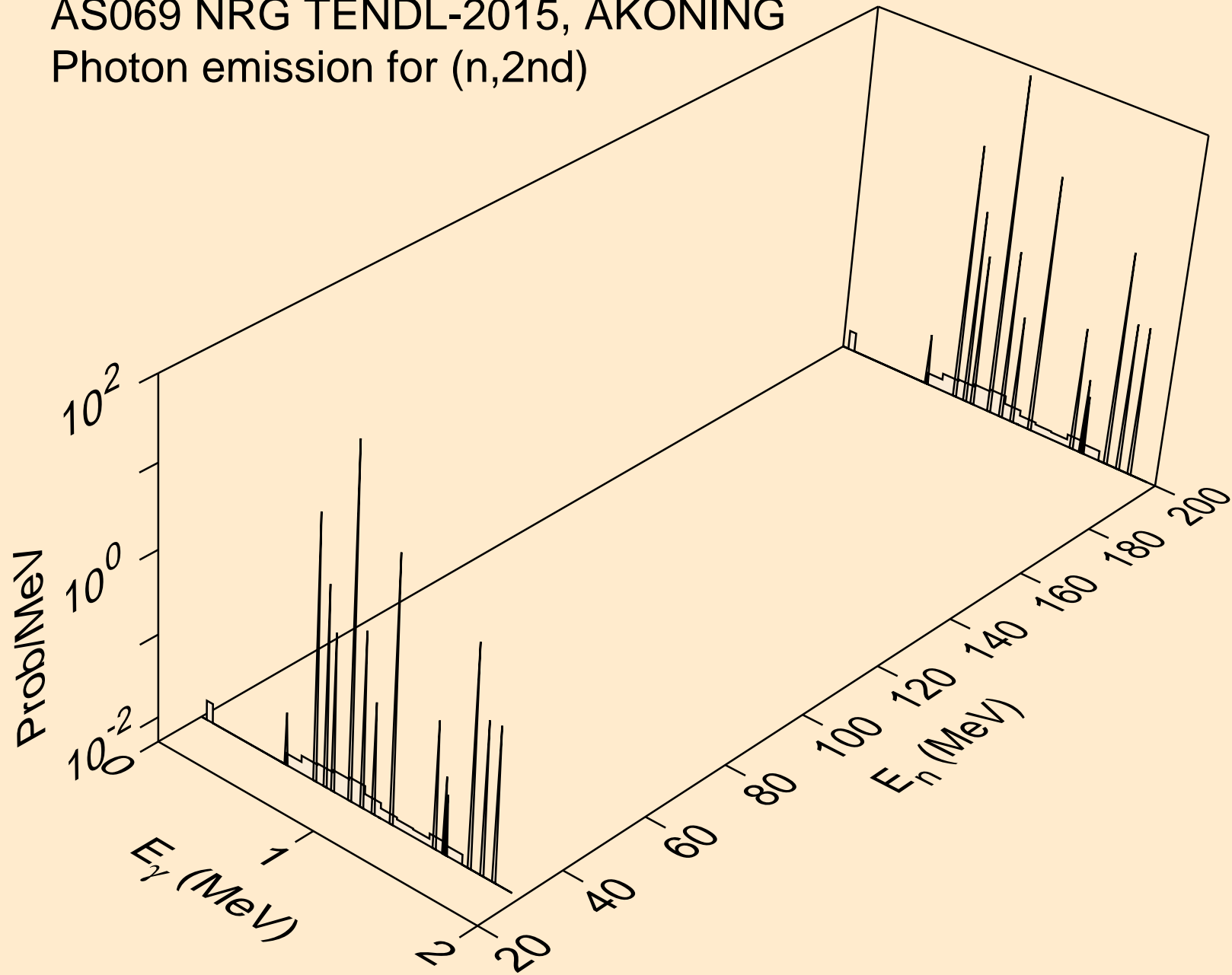
AS069 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



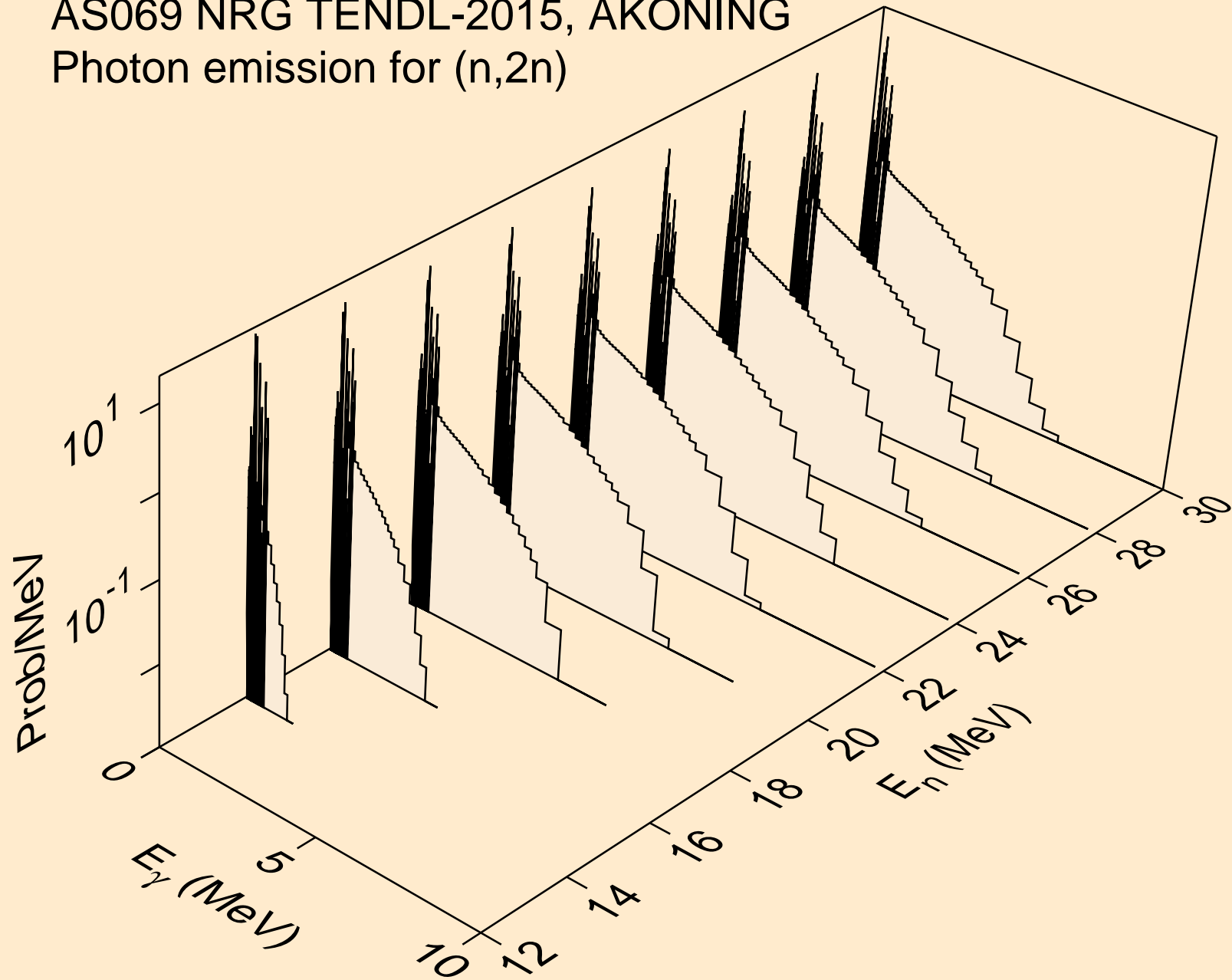
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



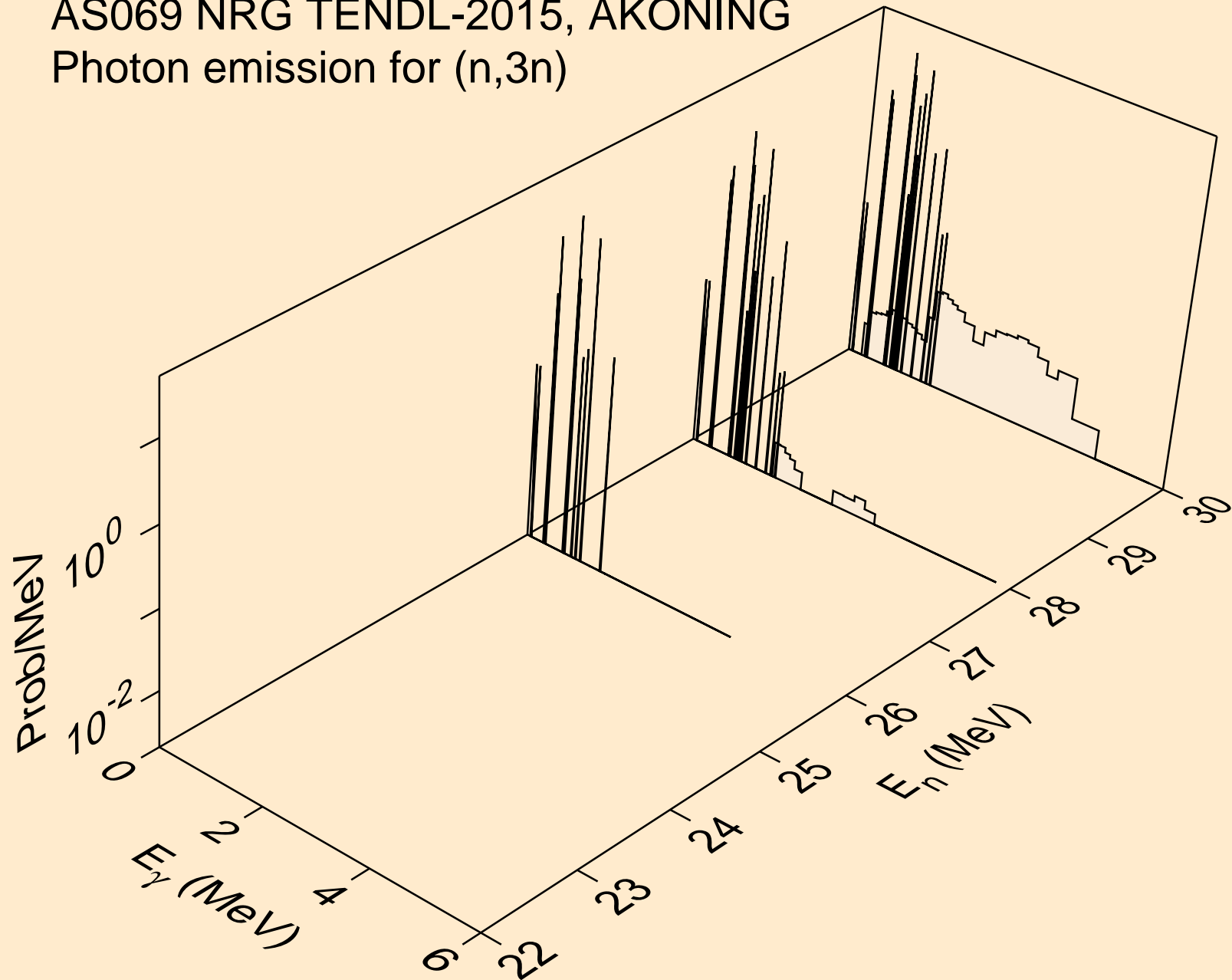
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



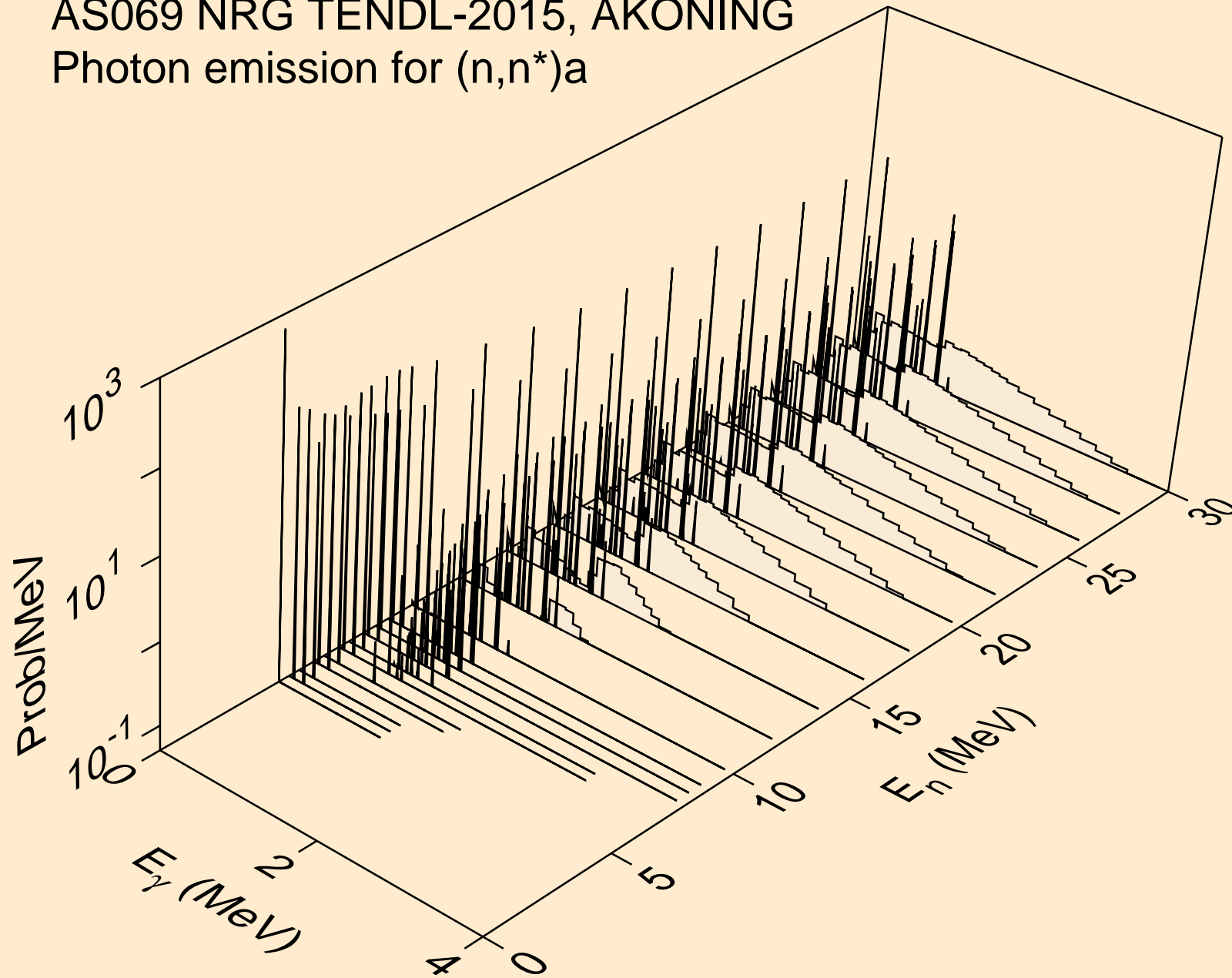
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

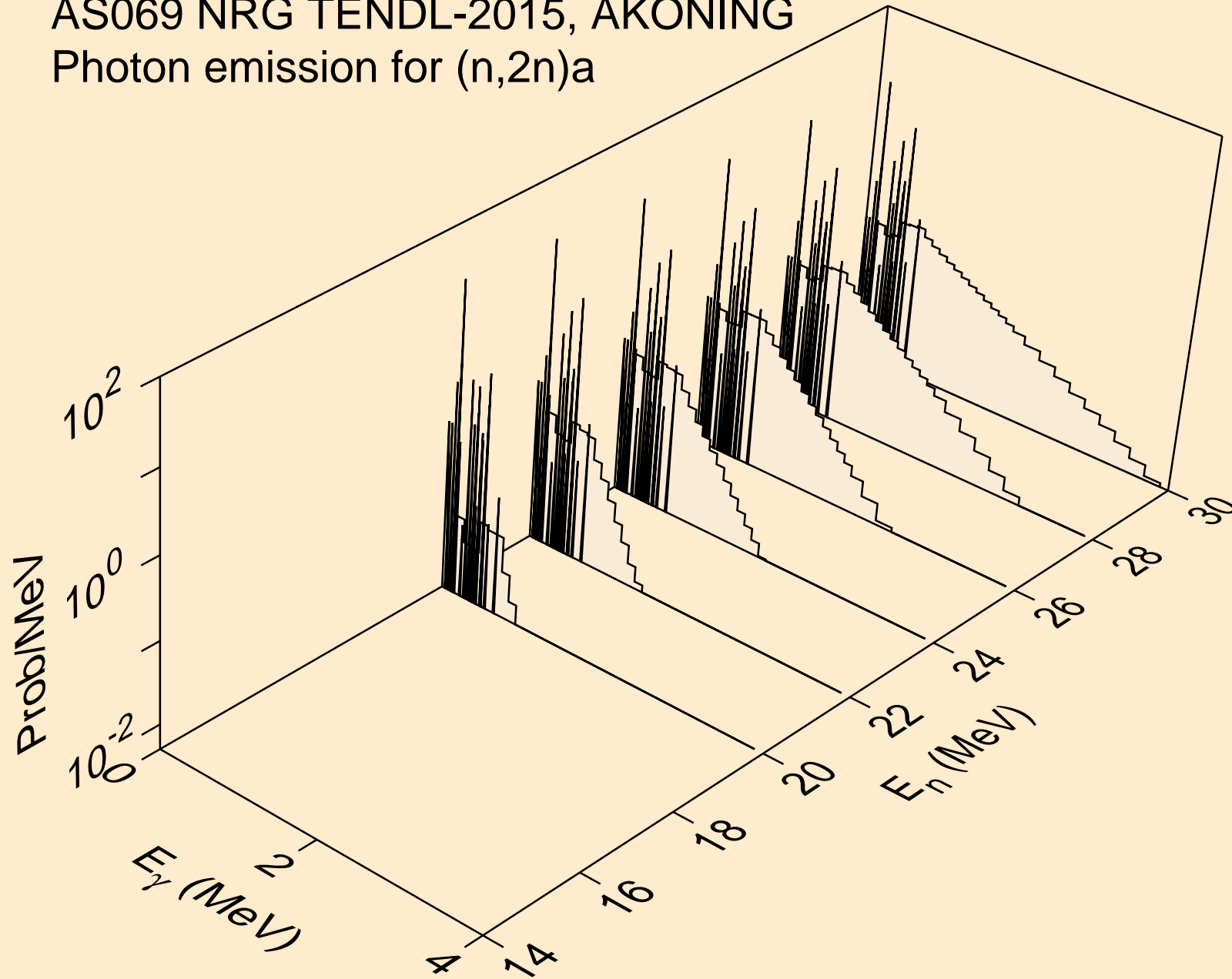


AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

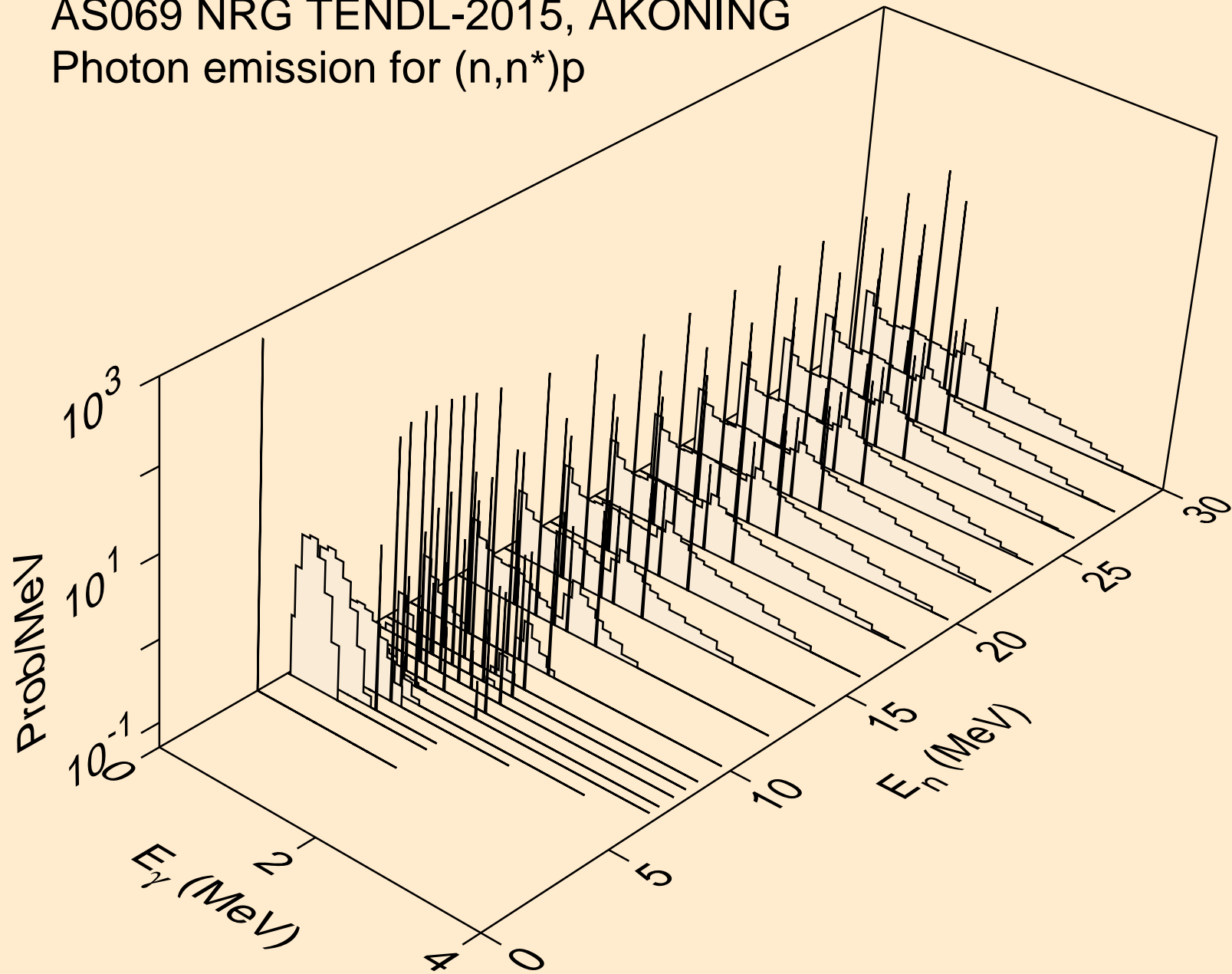




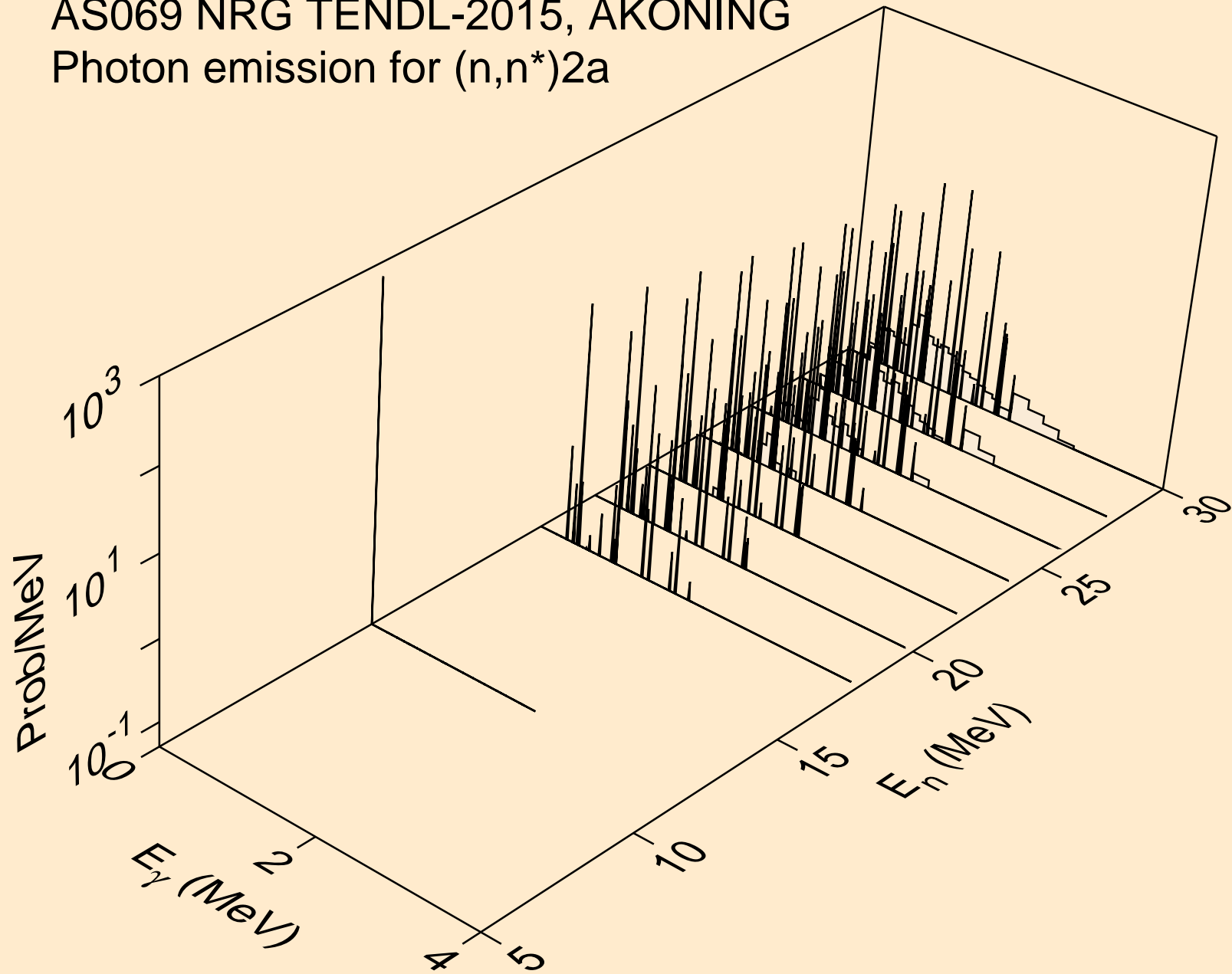
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



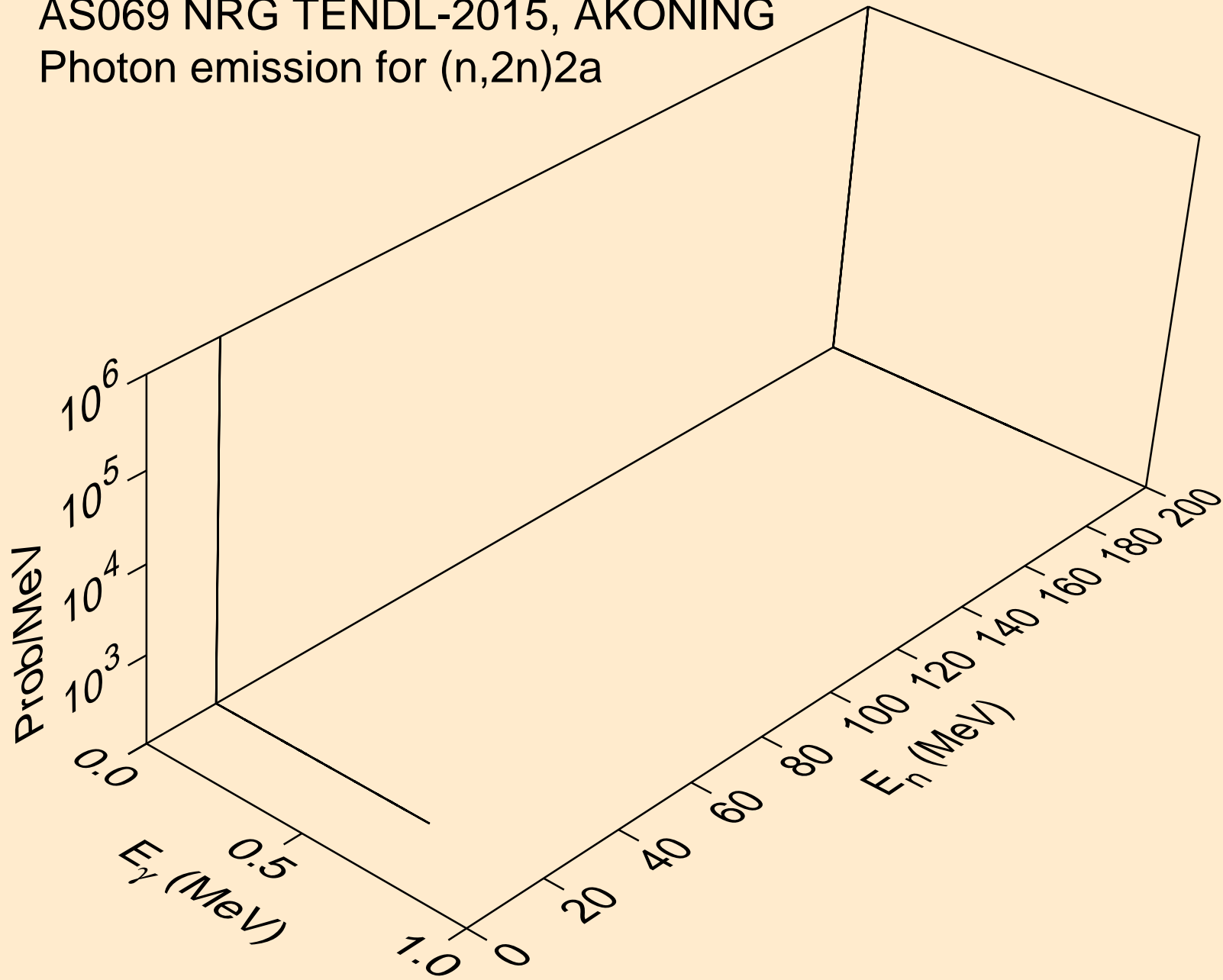
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



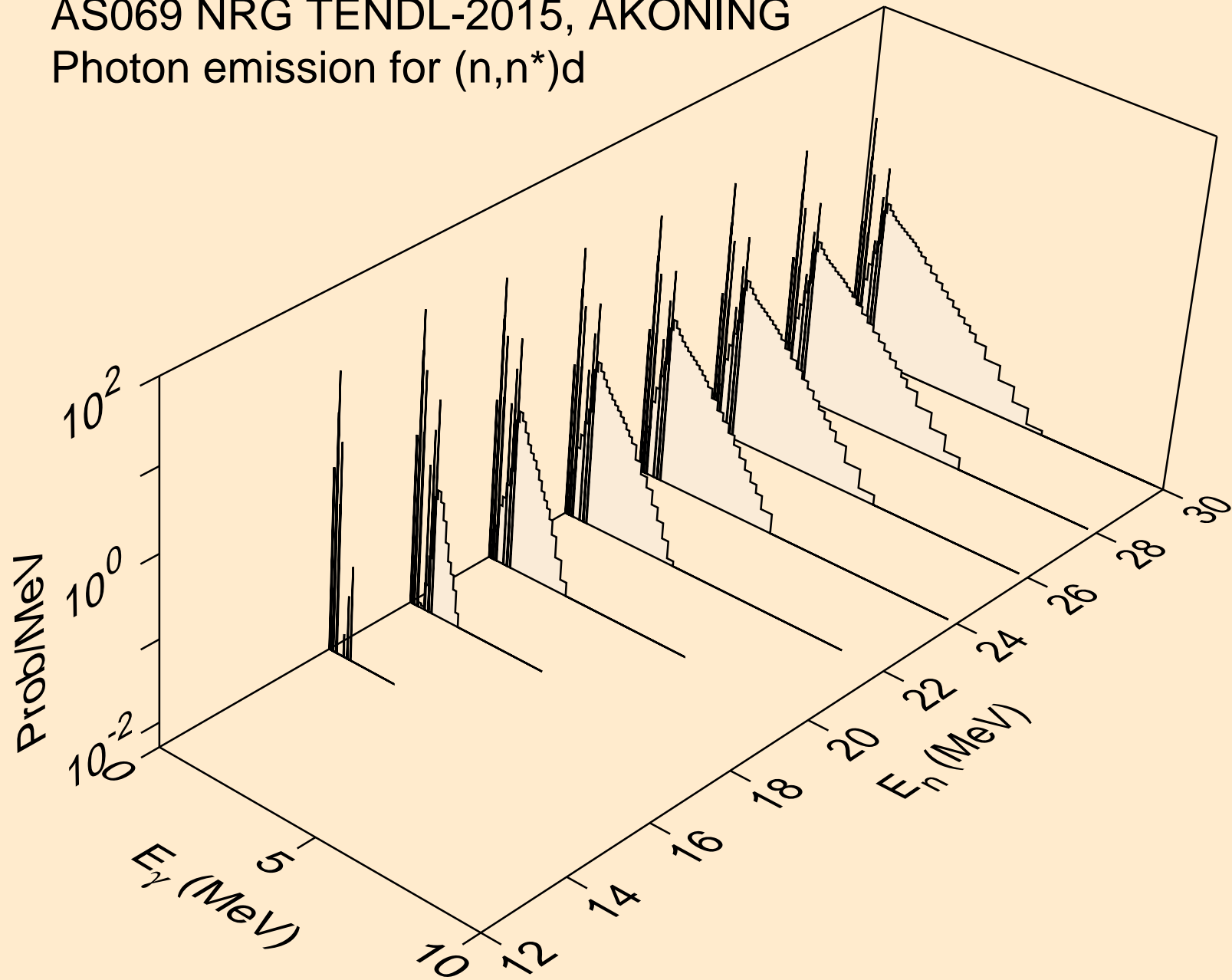
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



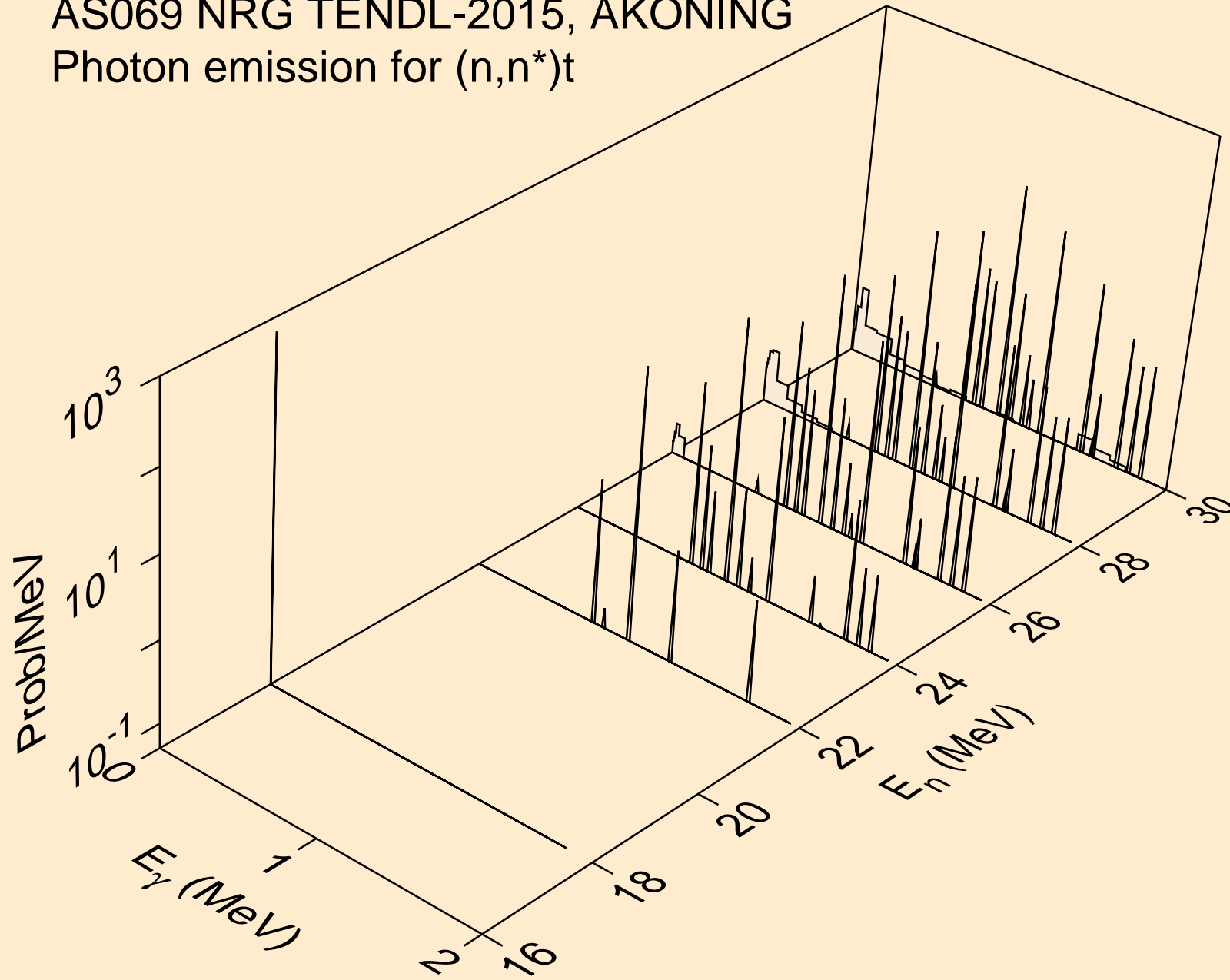
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



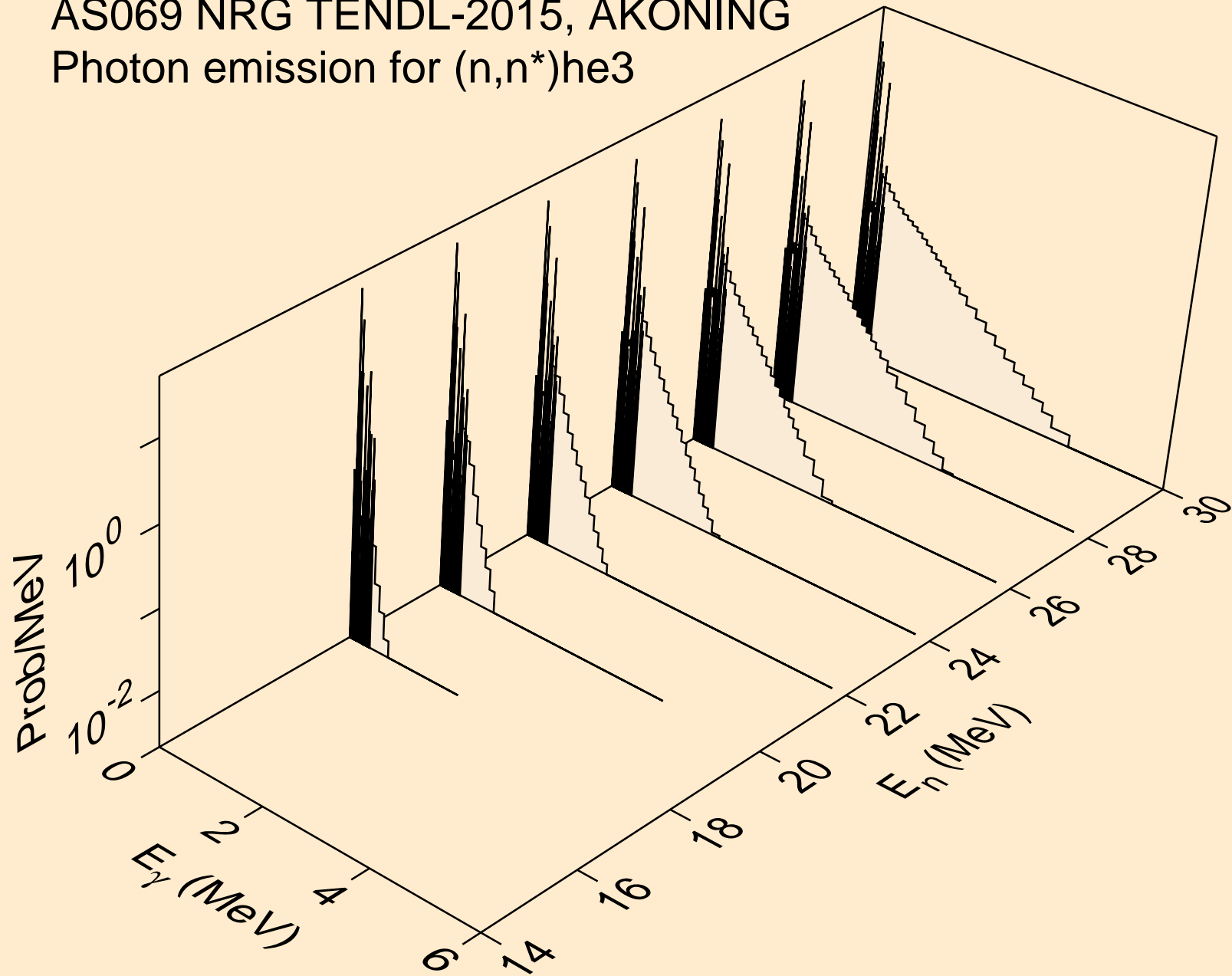
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



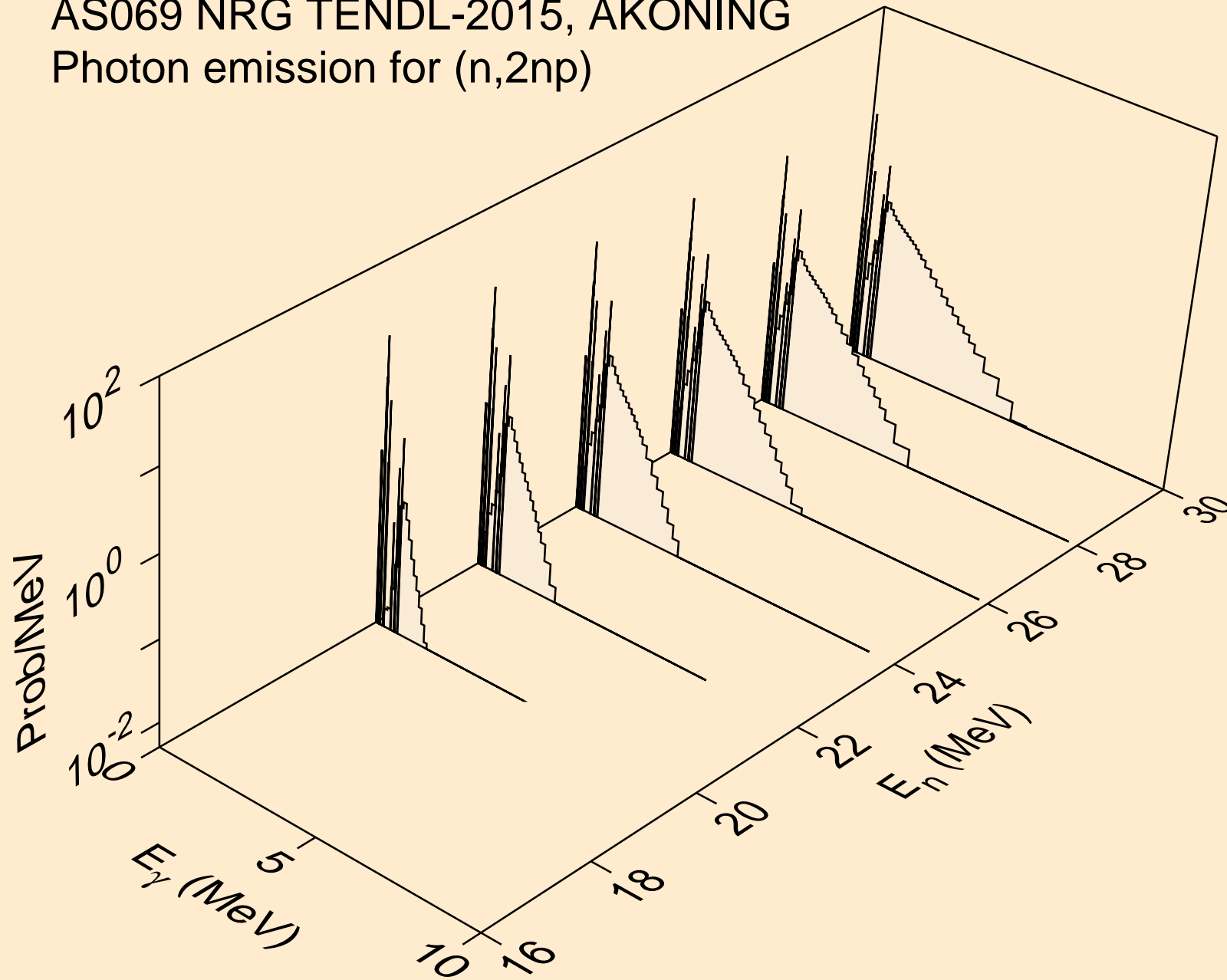
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

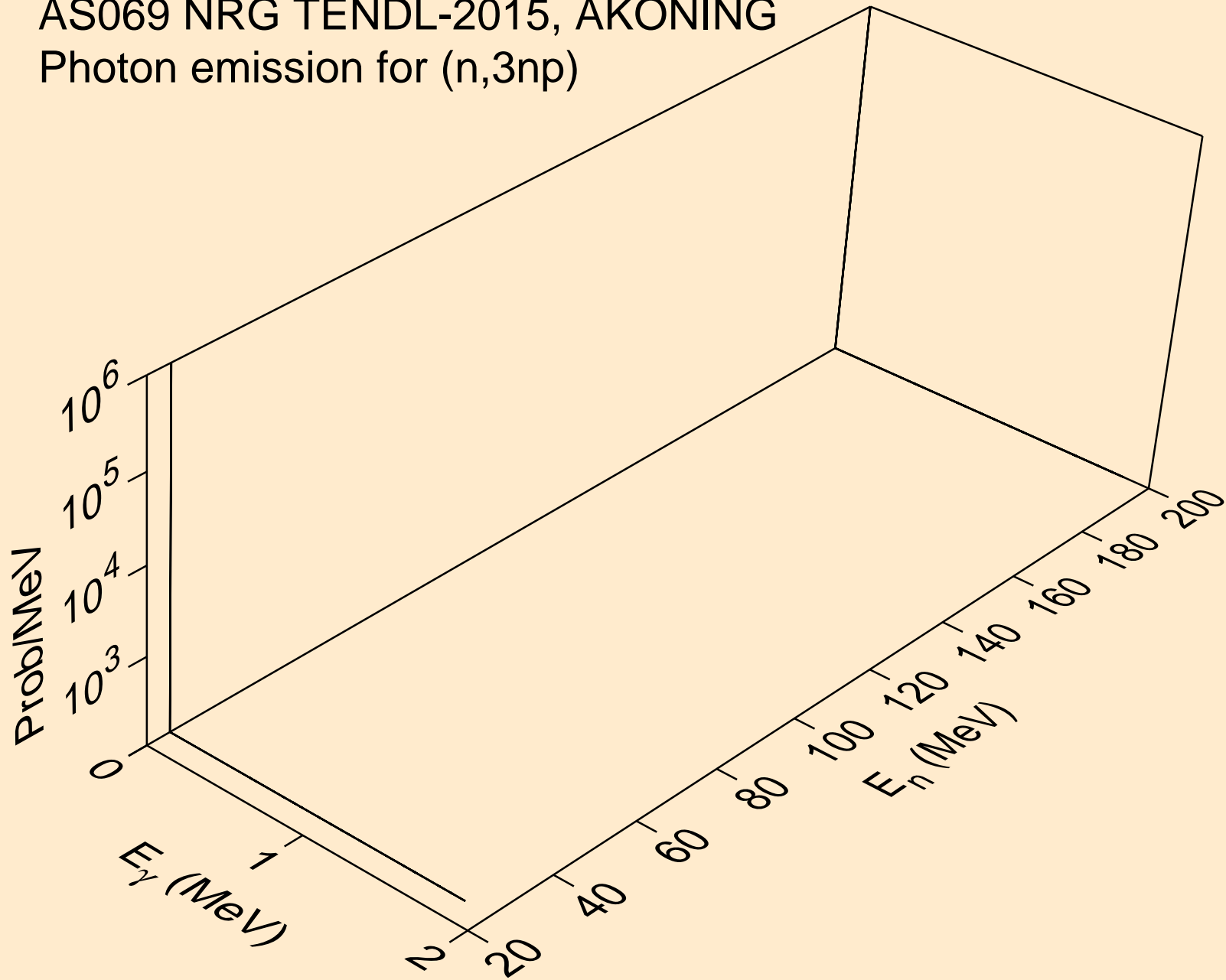


AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

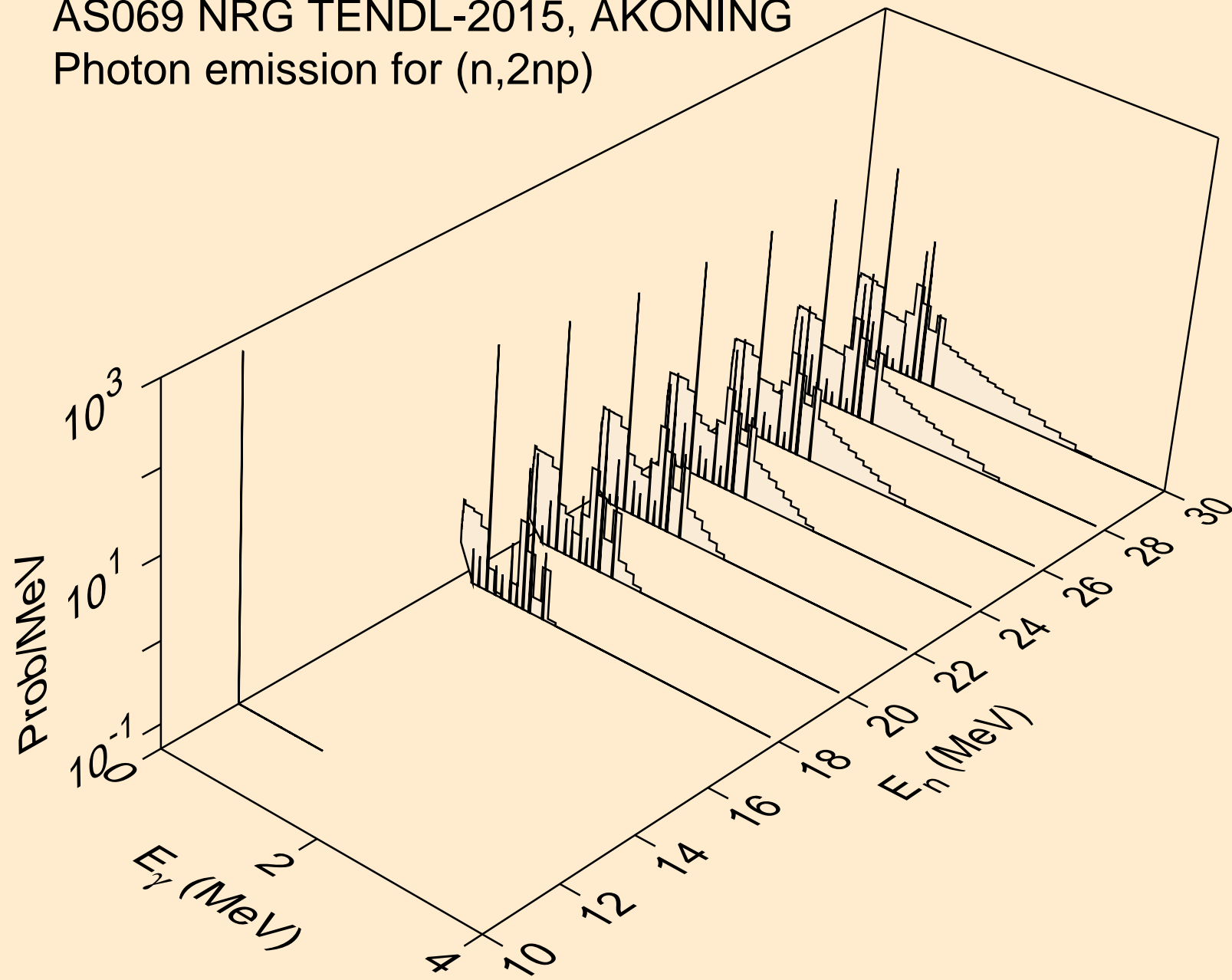




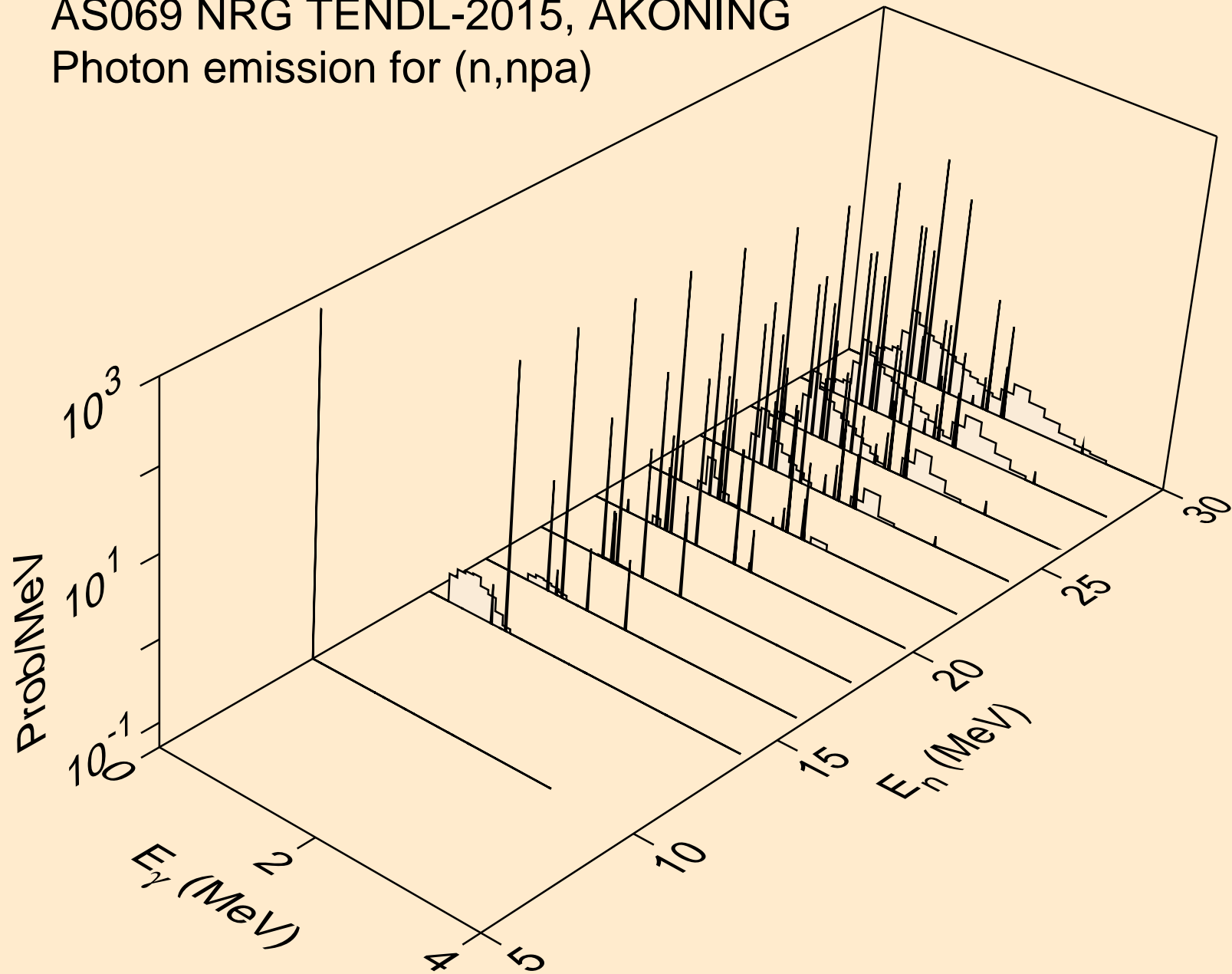
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



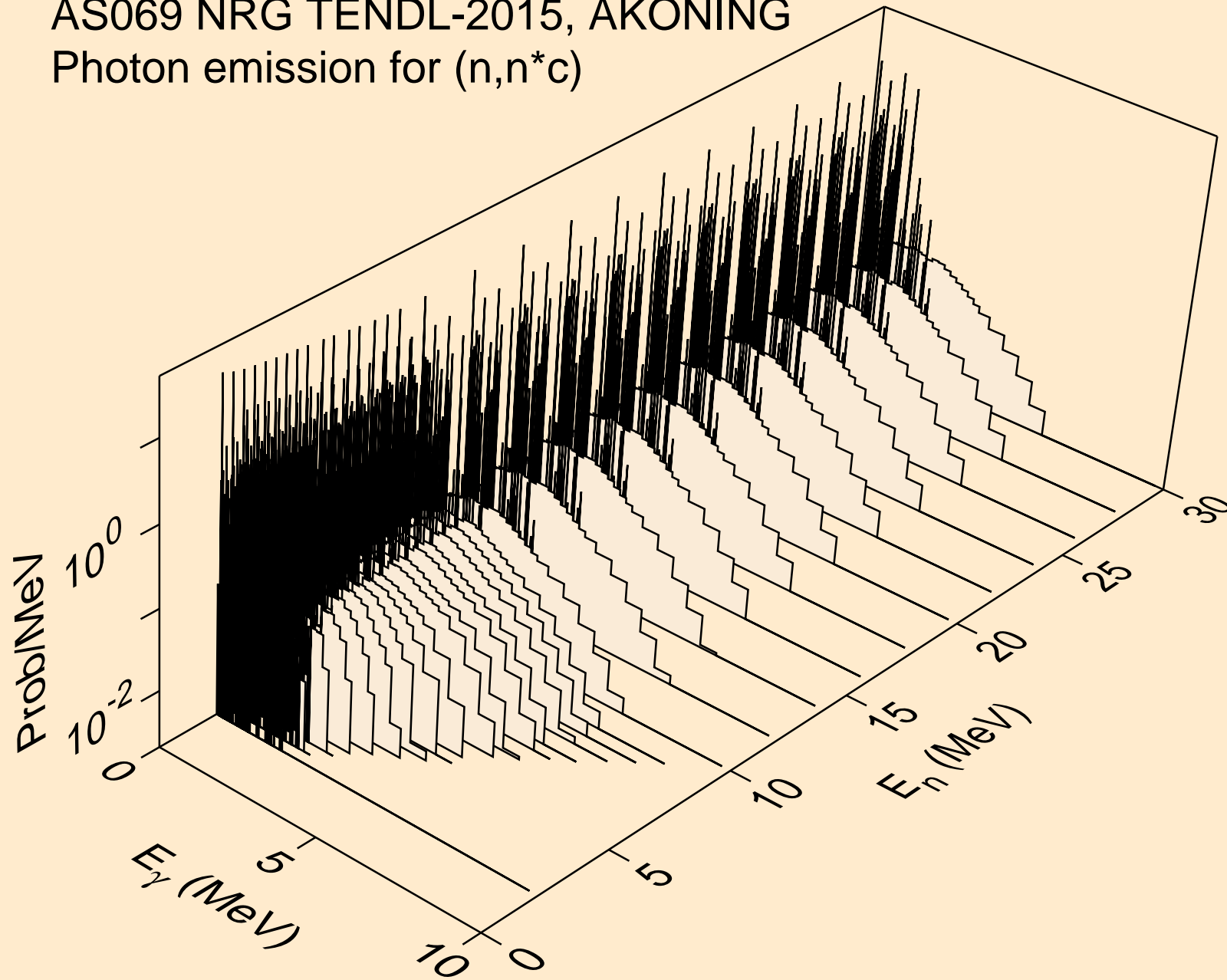
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



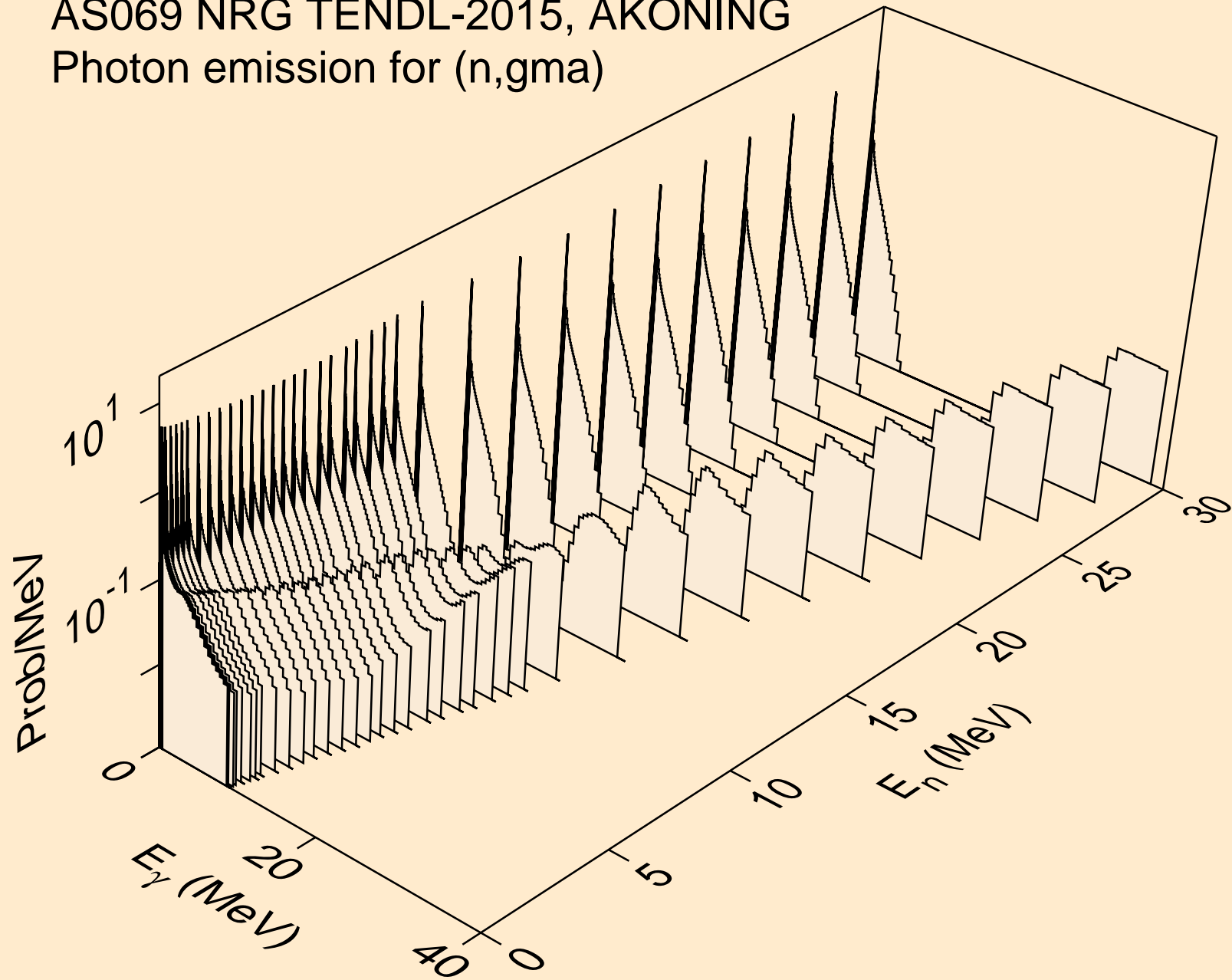
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



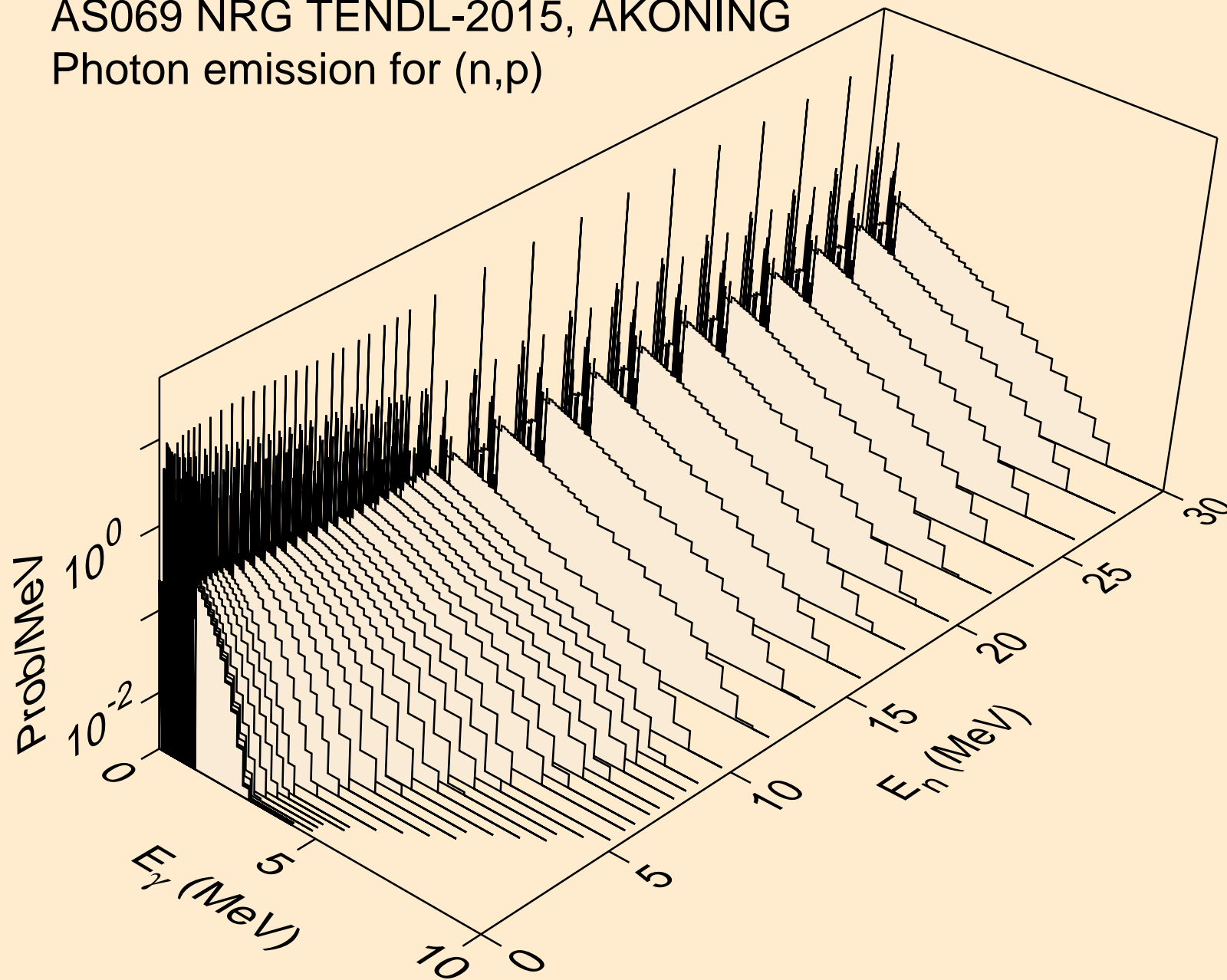
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



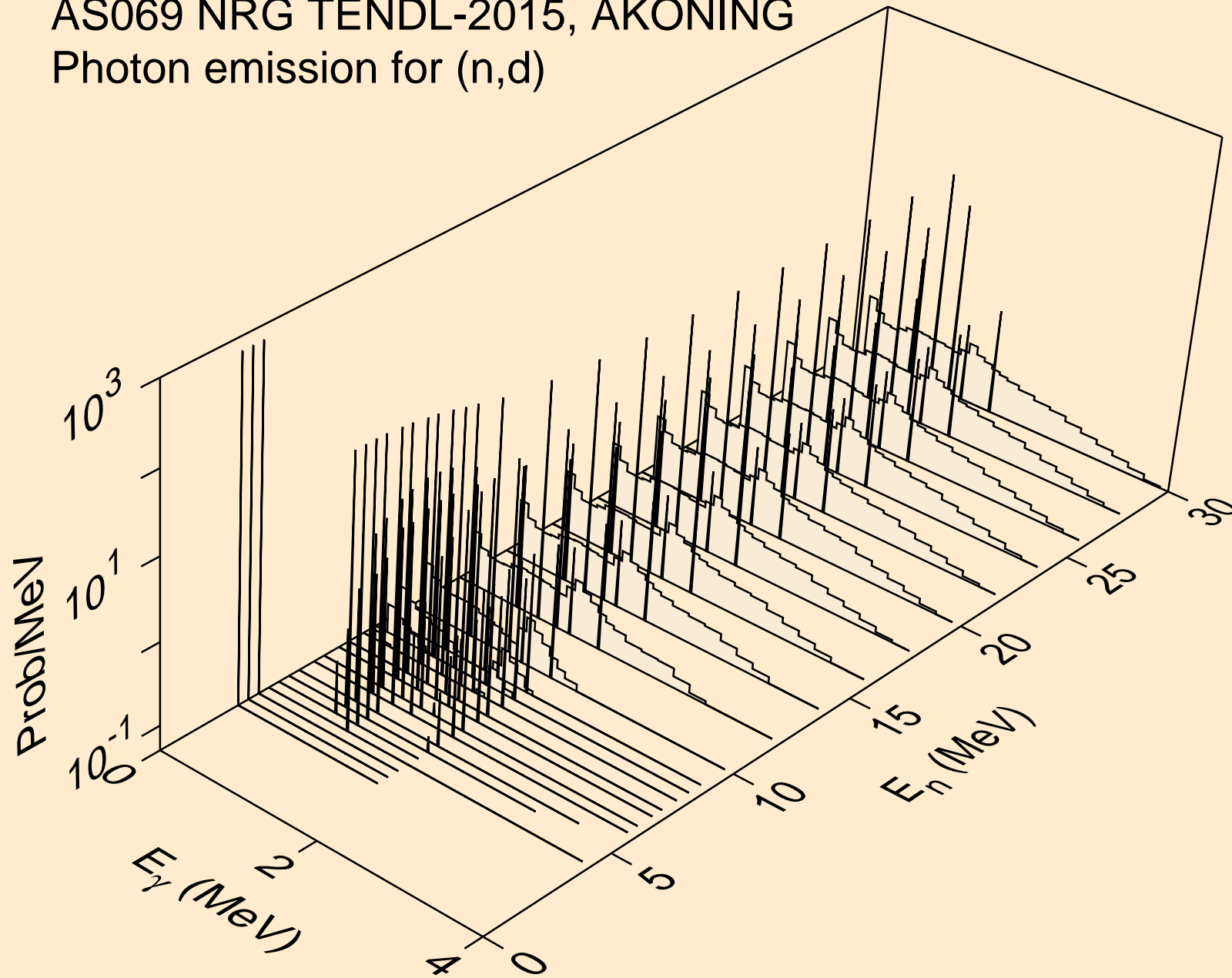
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



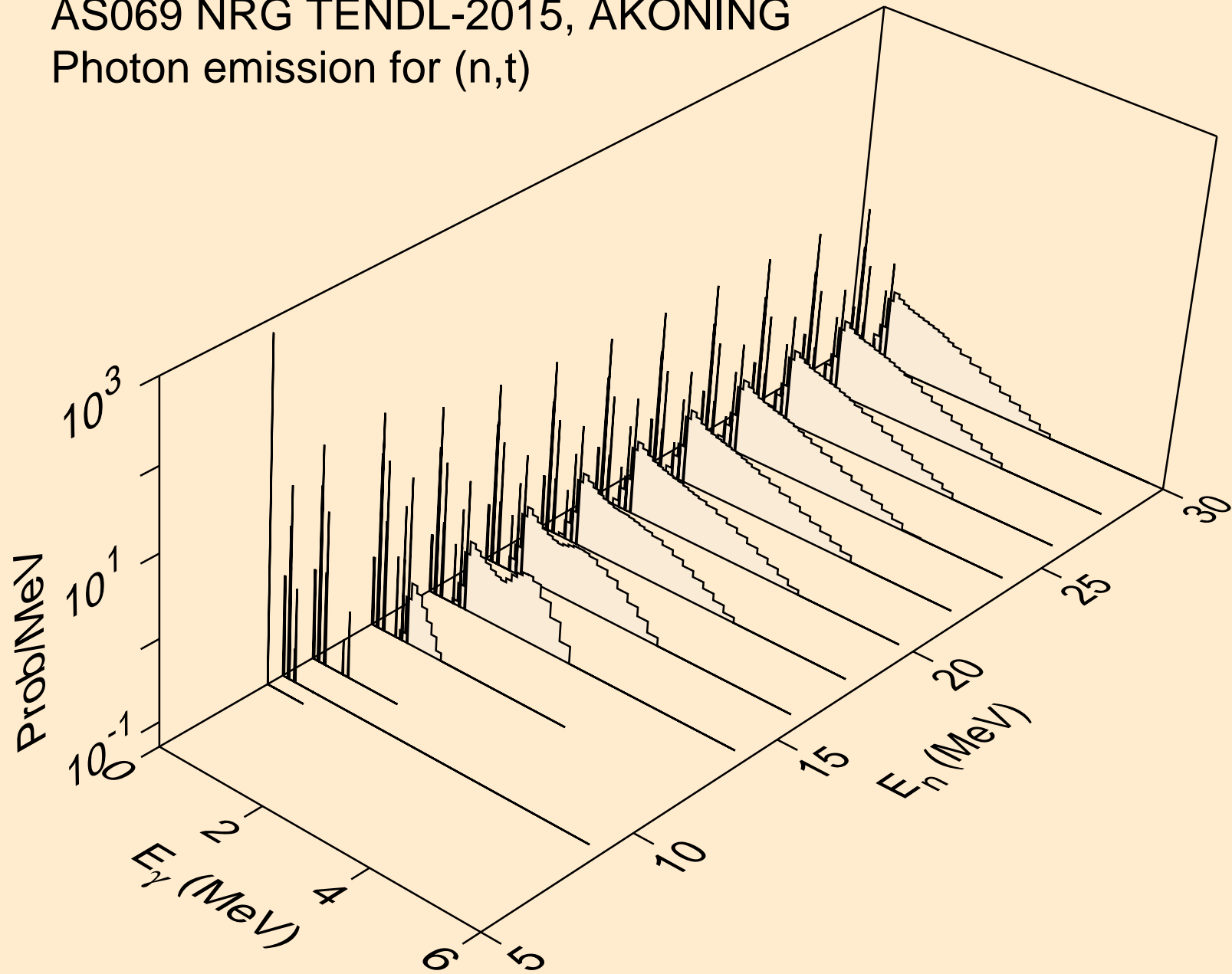
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

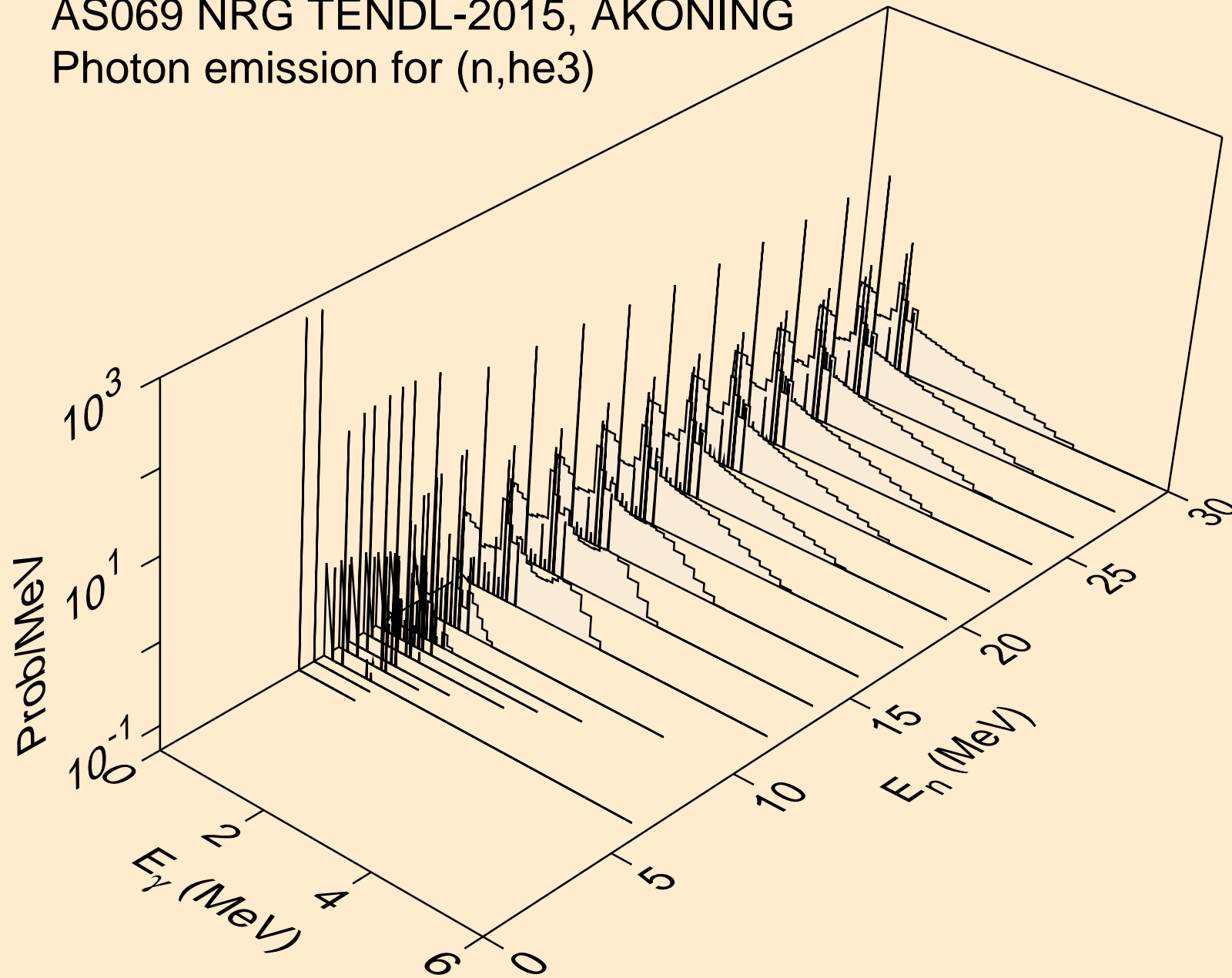


AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

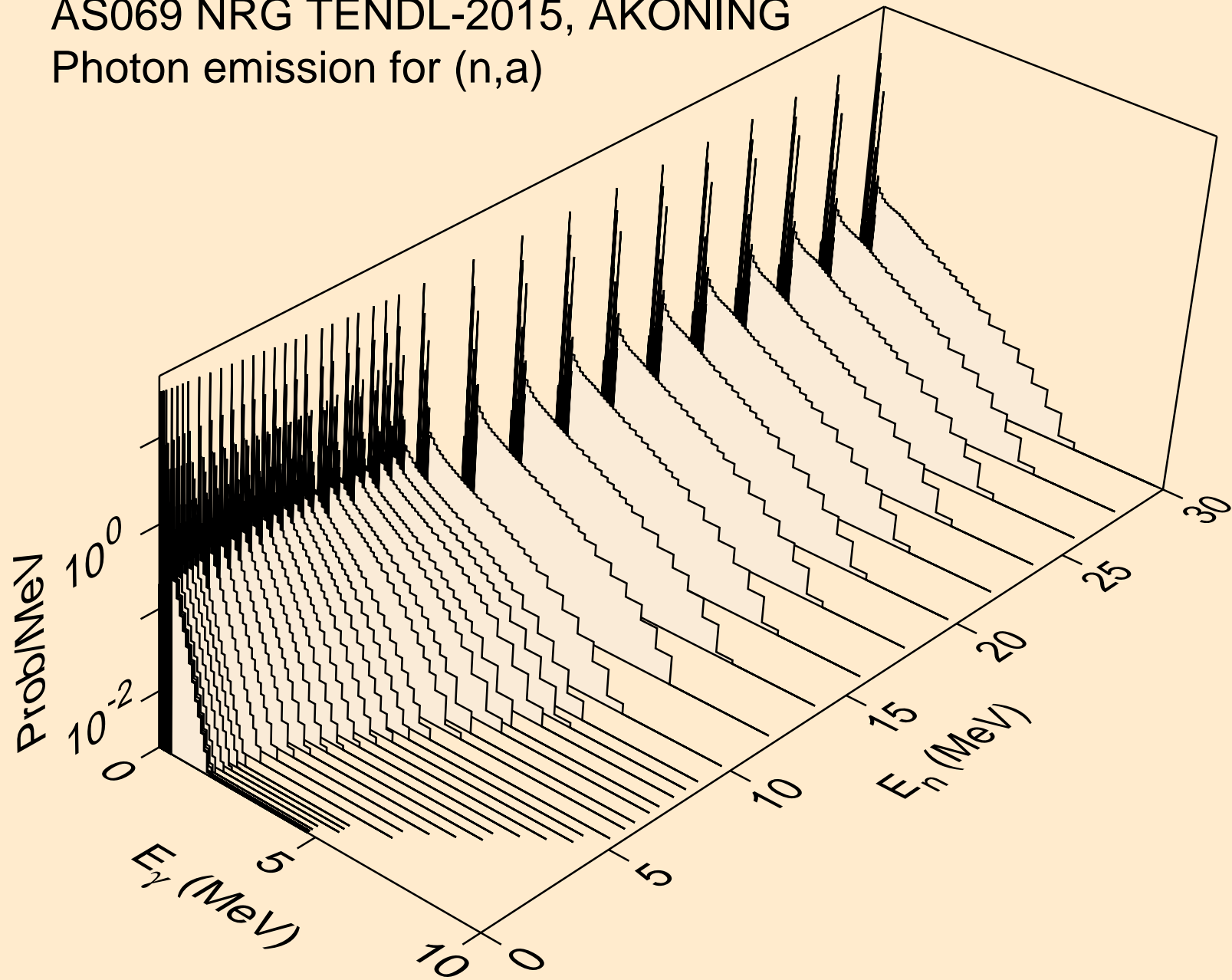




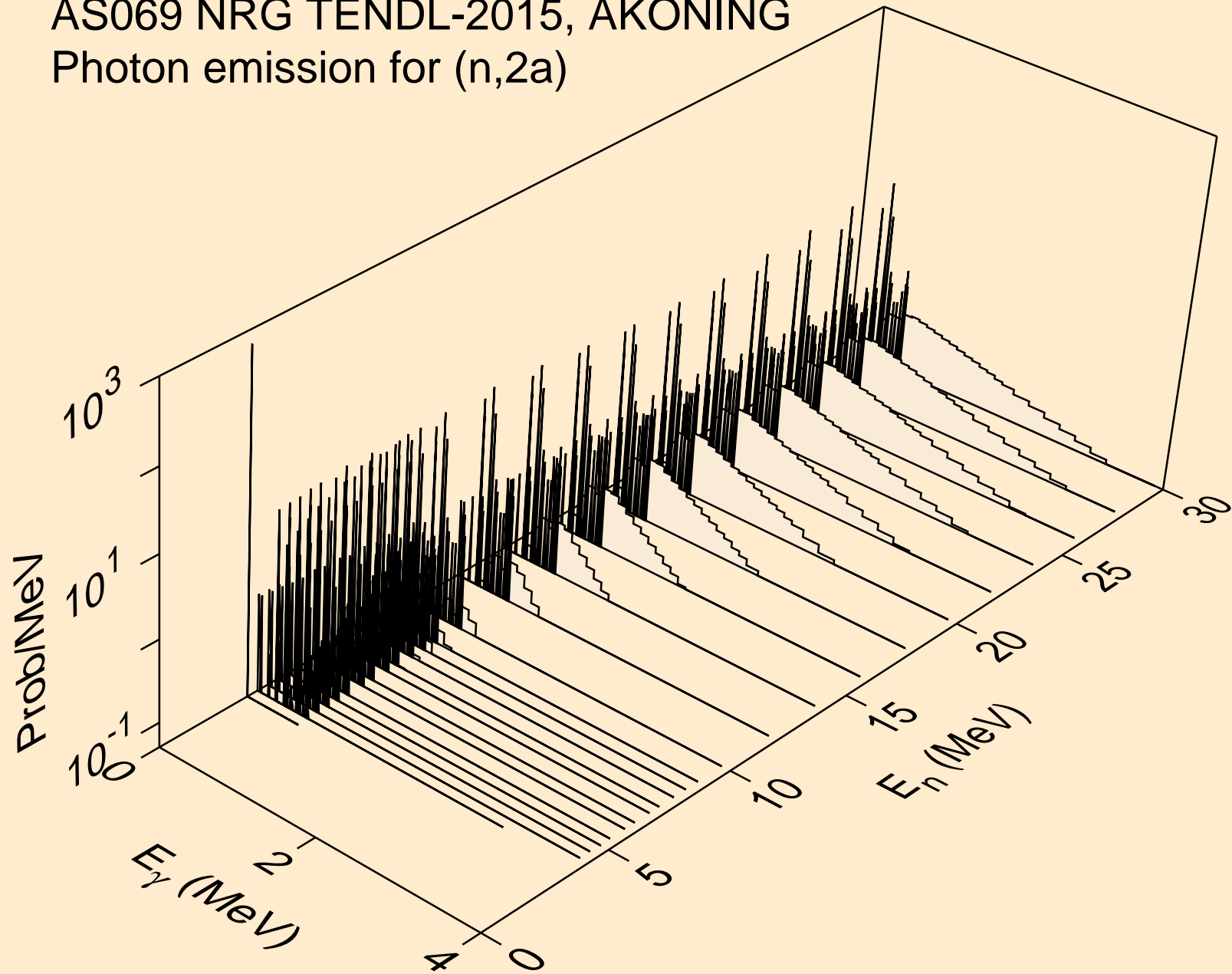
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



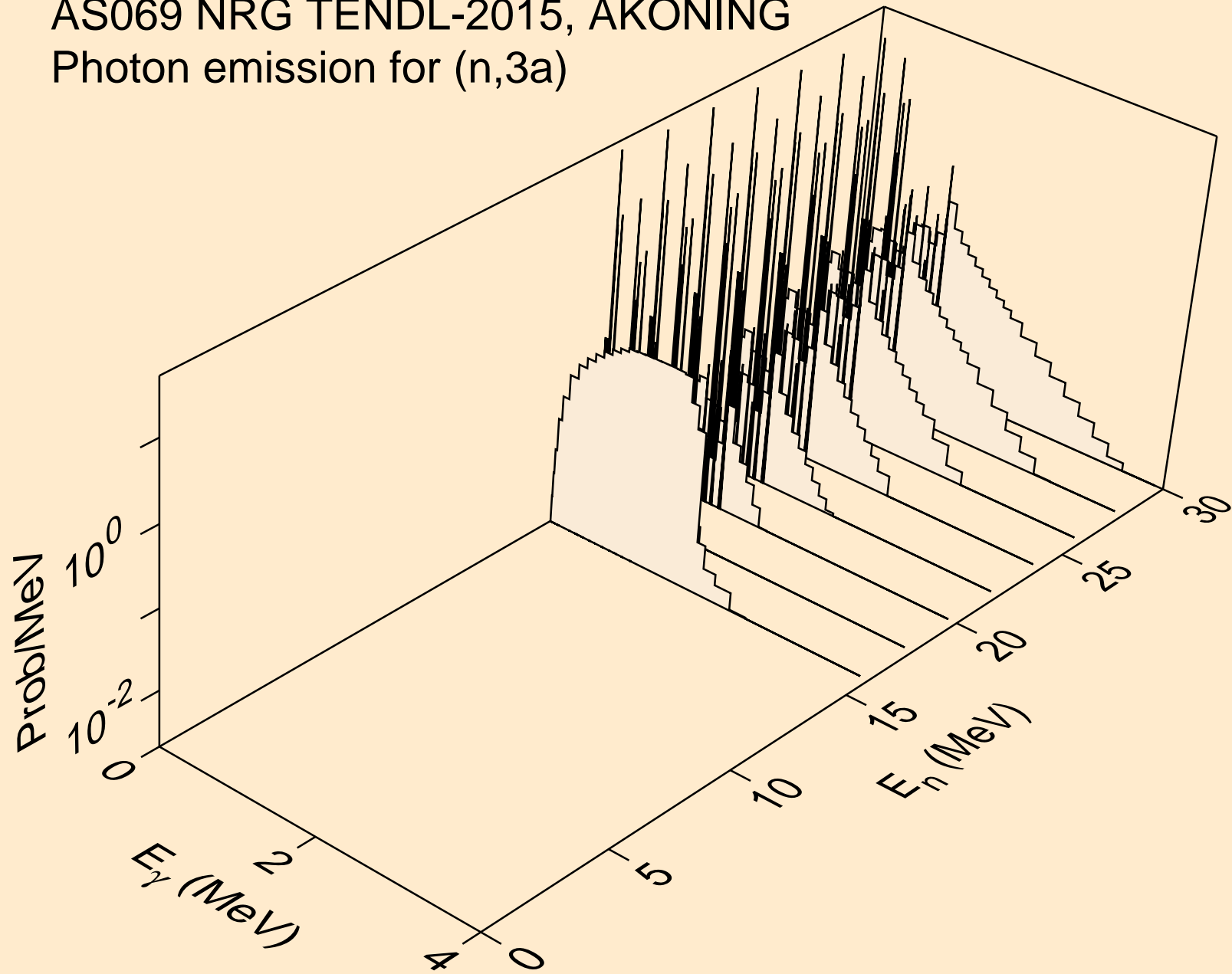
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



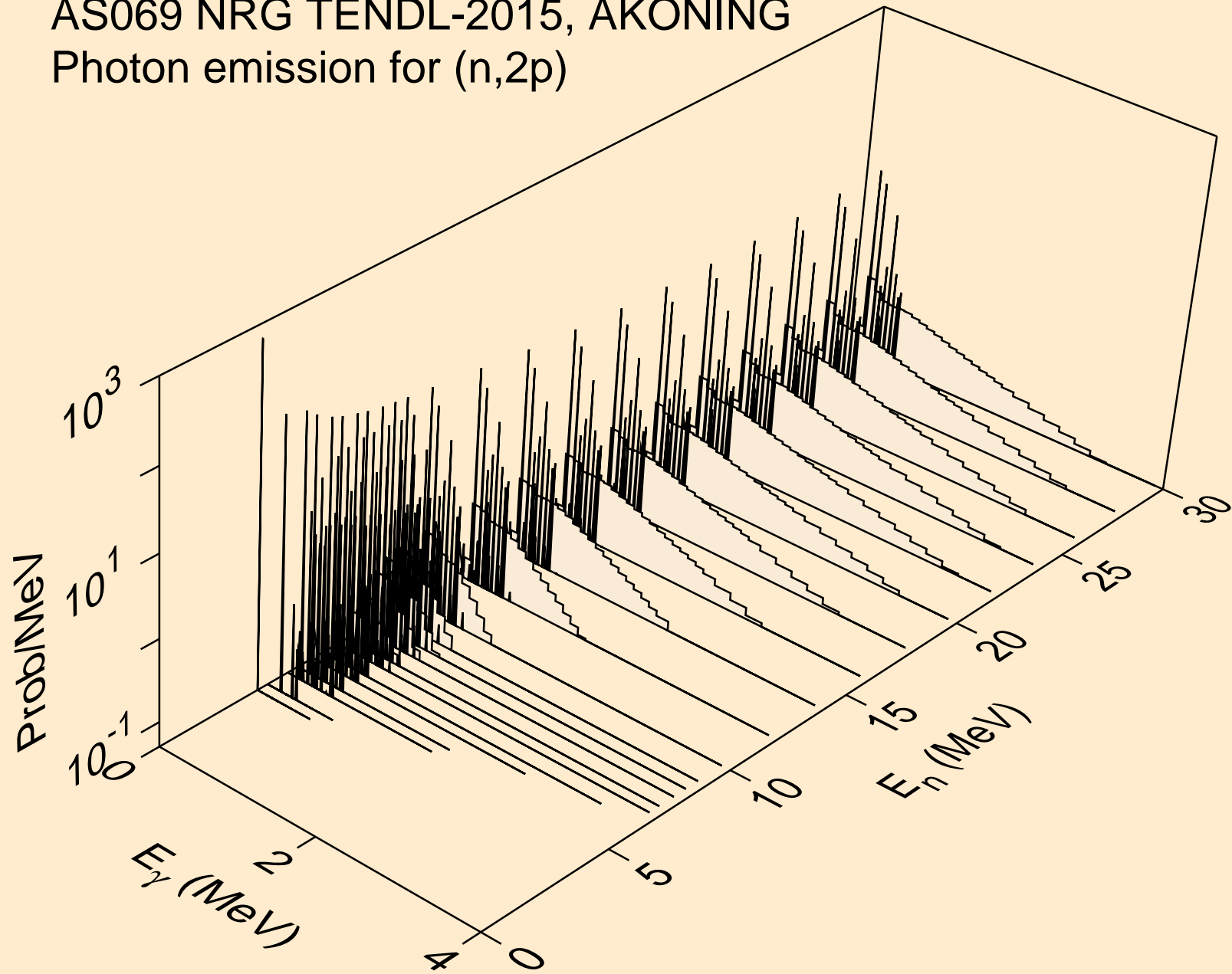
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



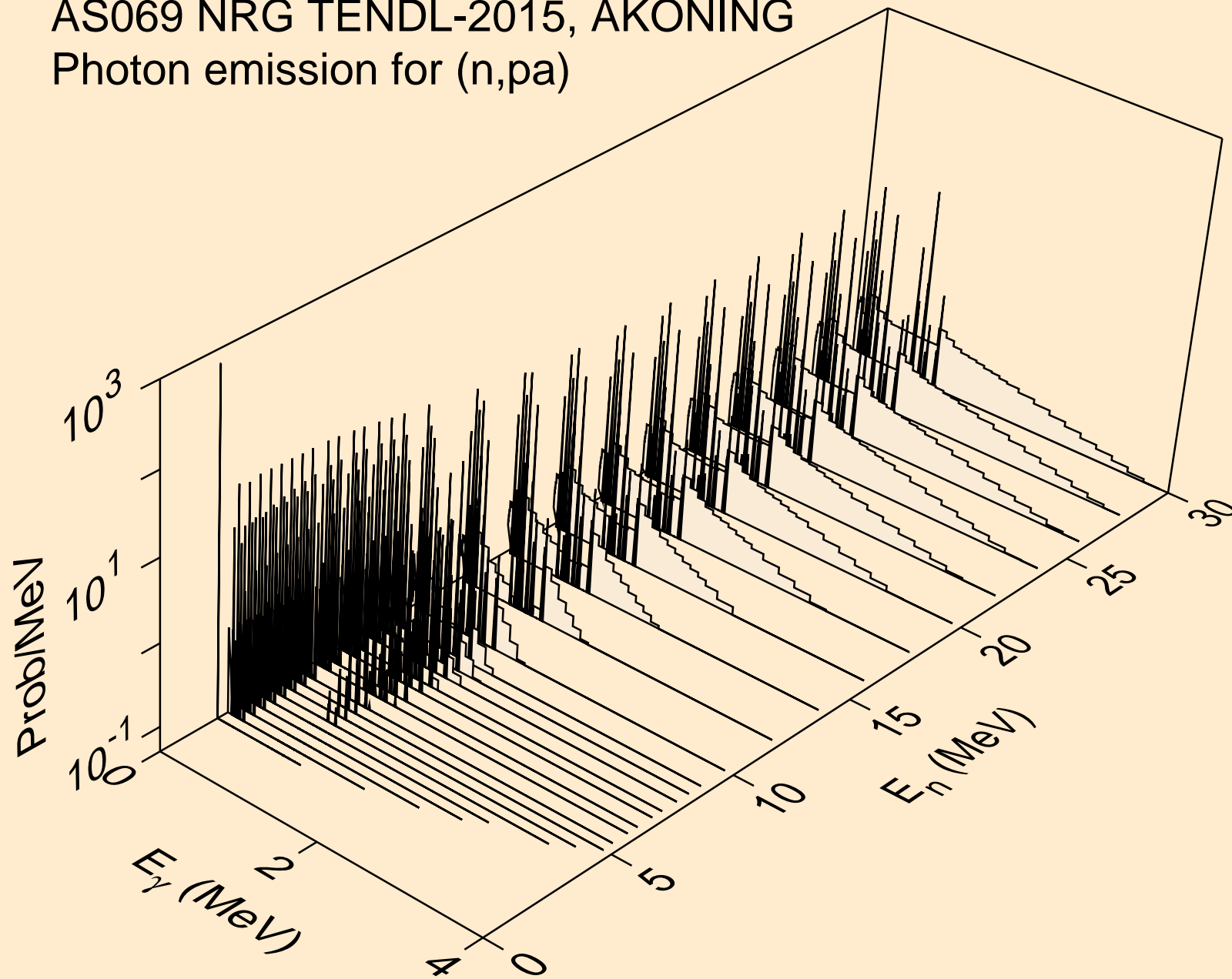
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



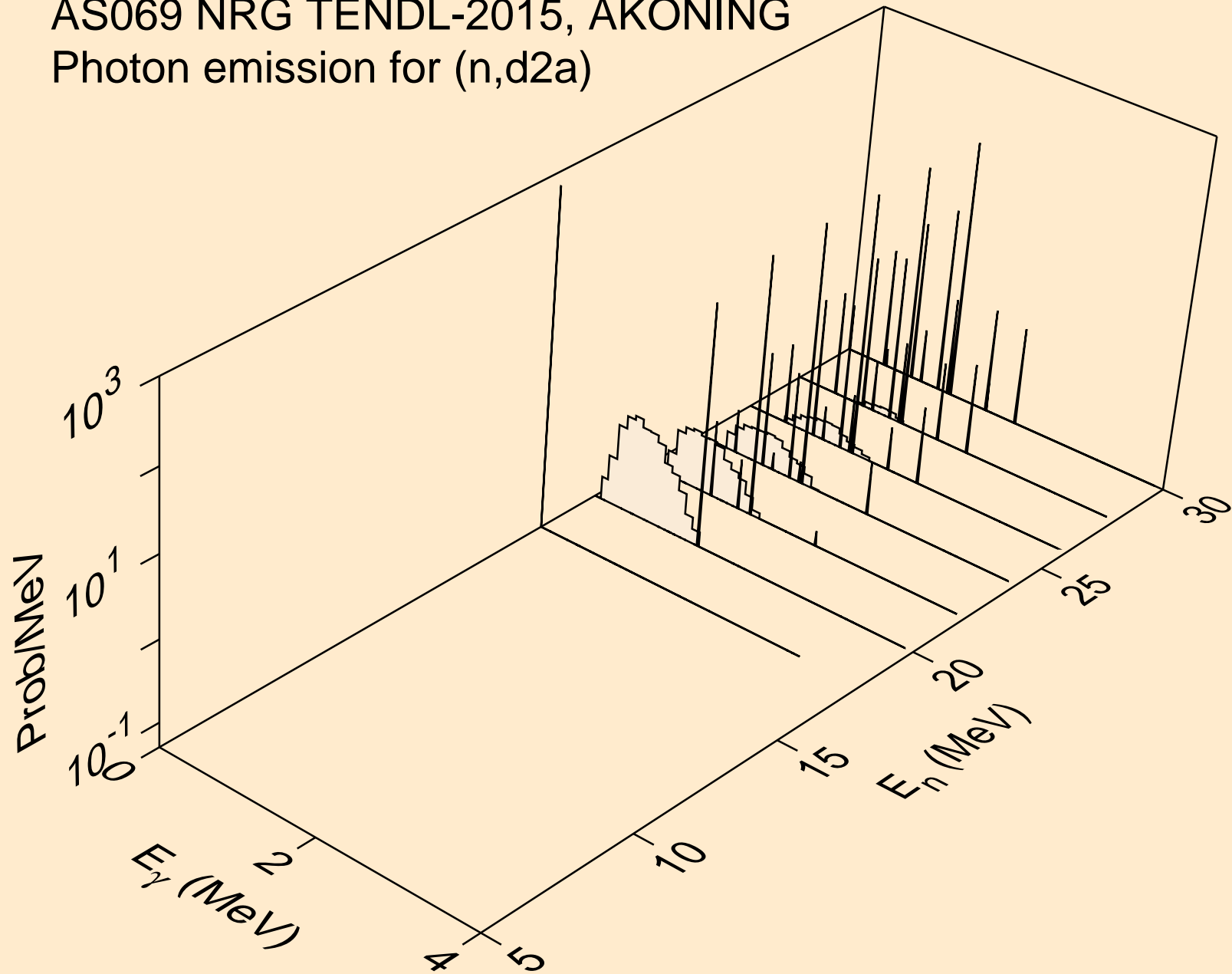
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



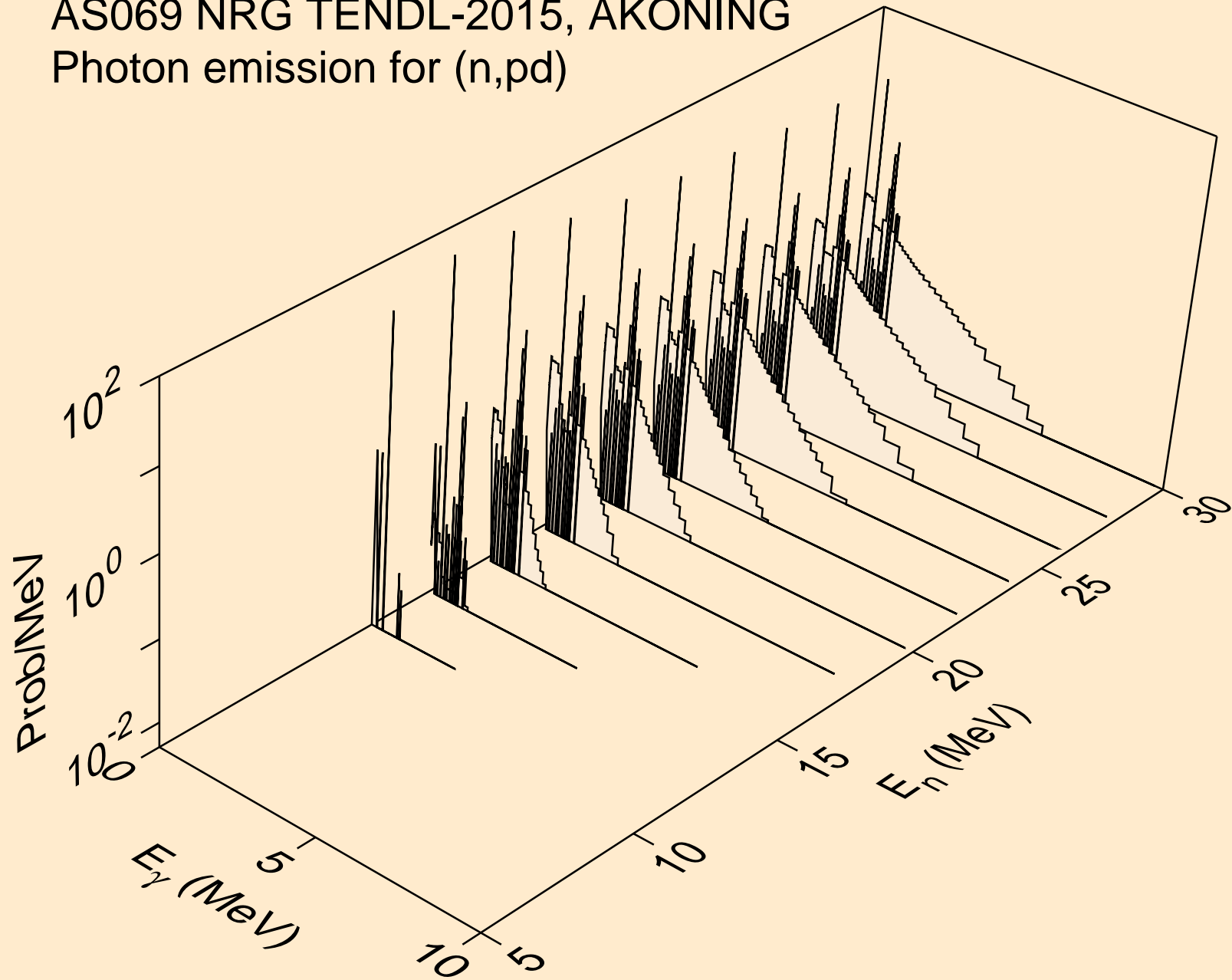
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

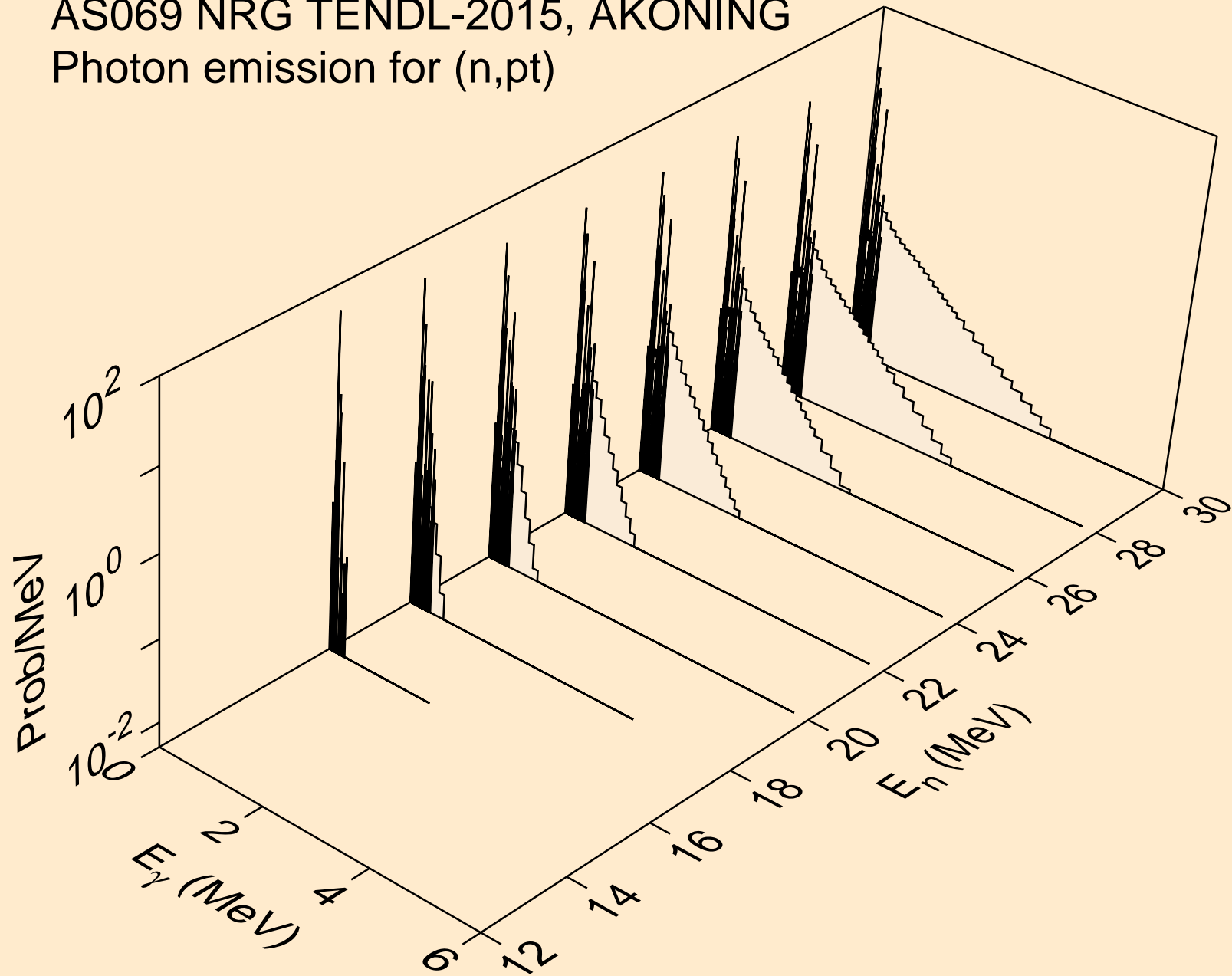


AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

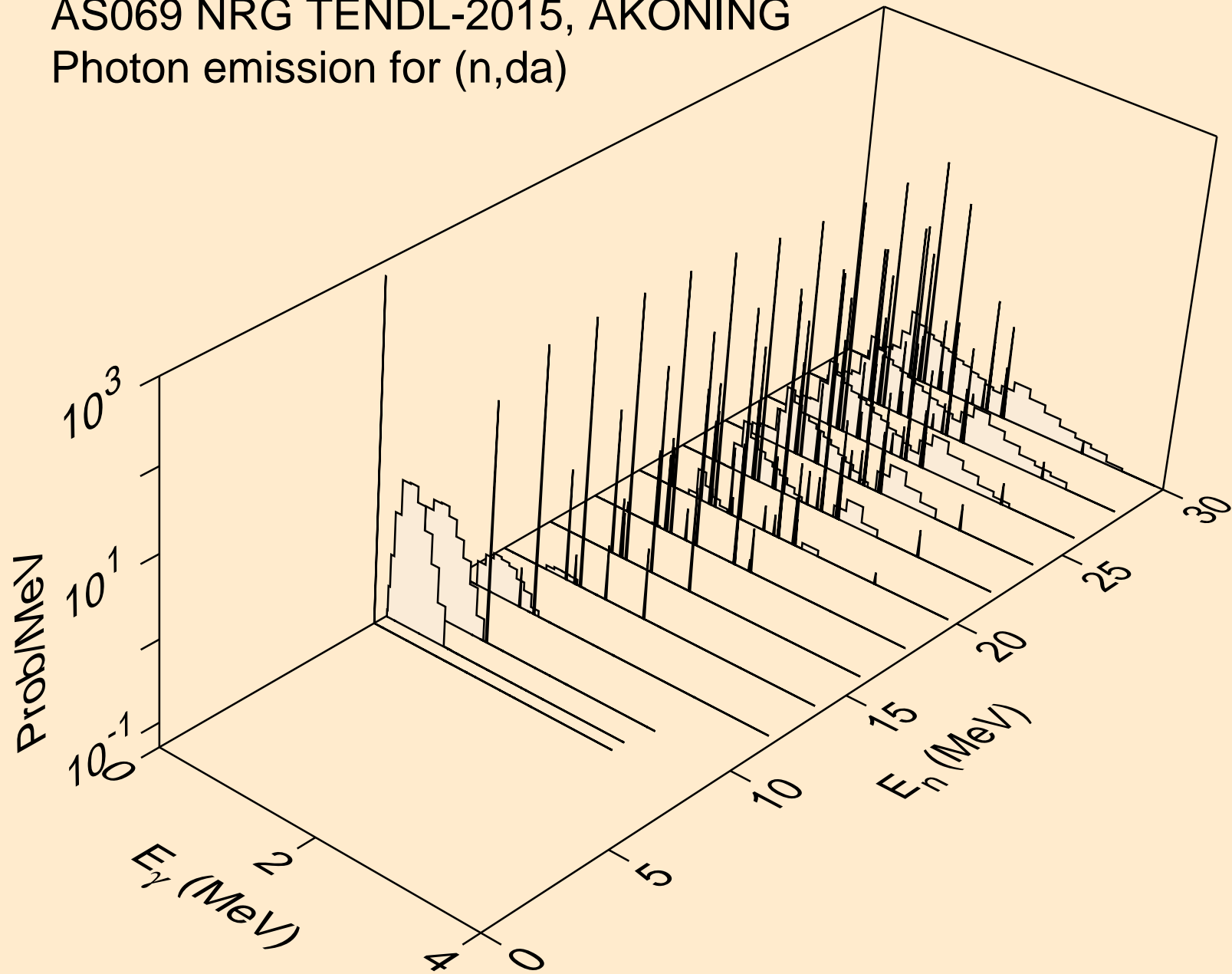




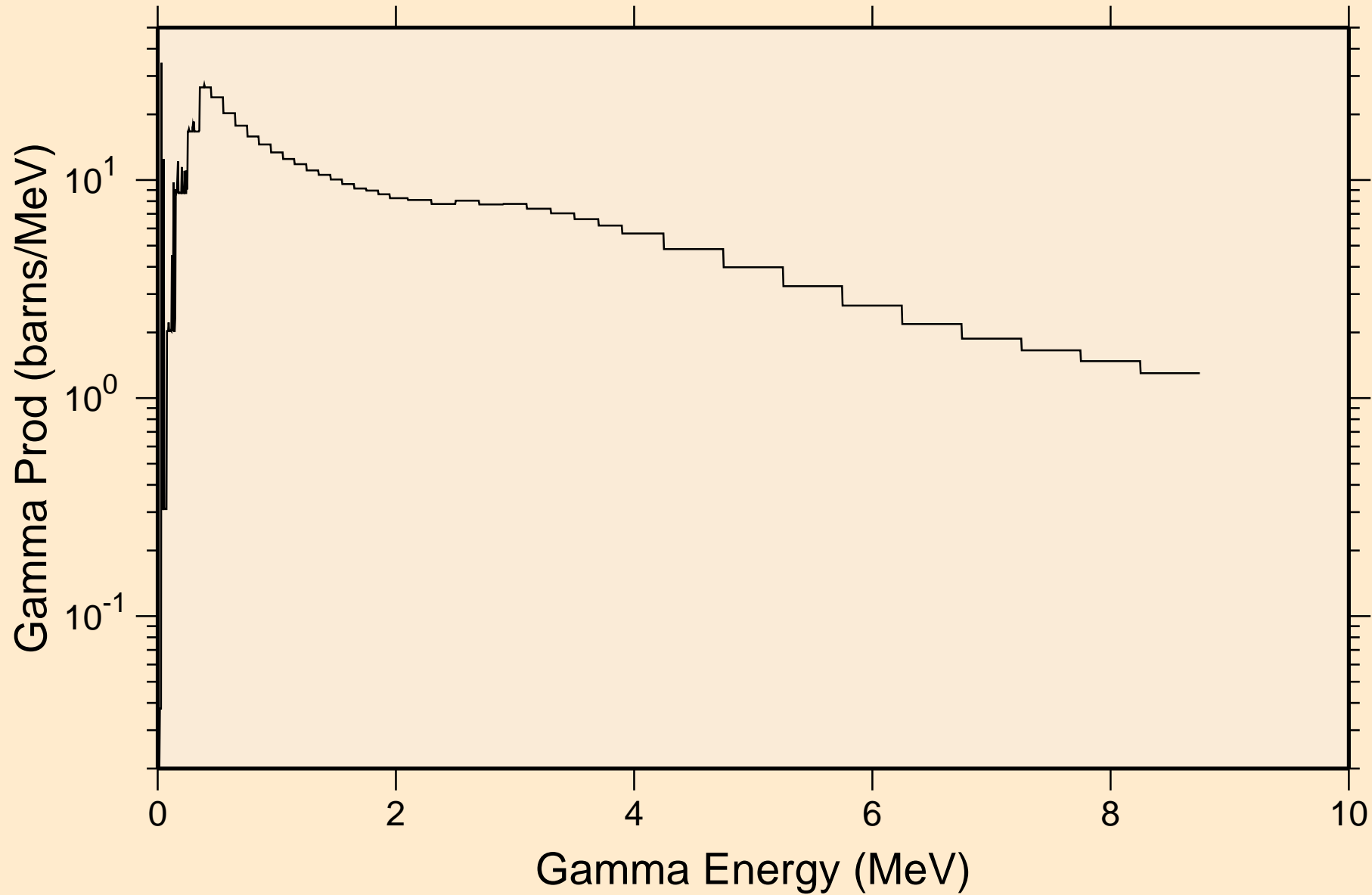
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



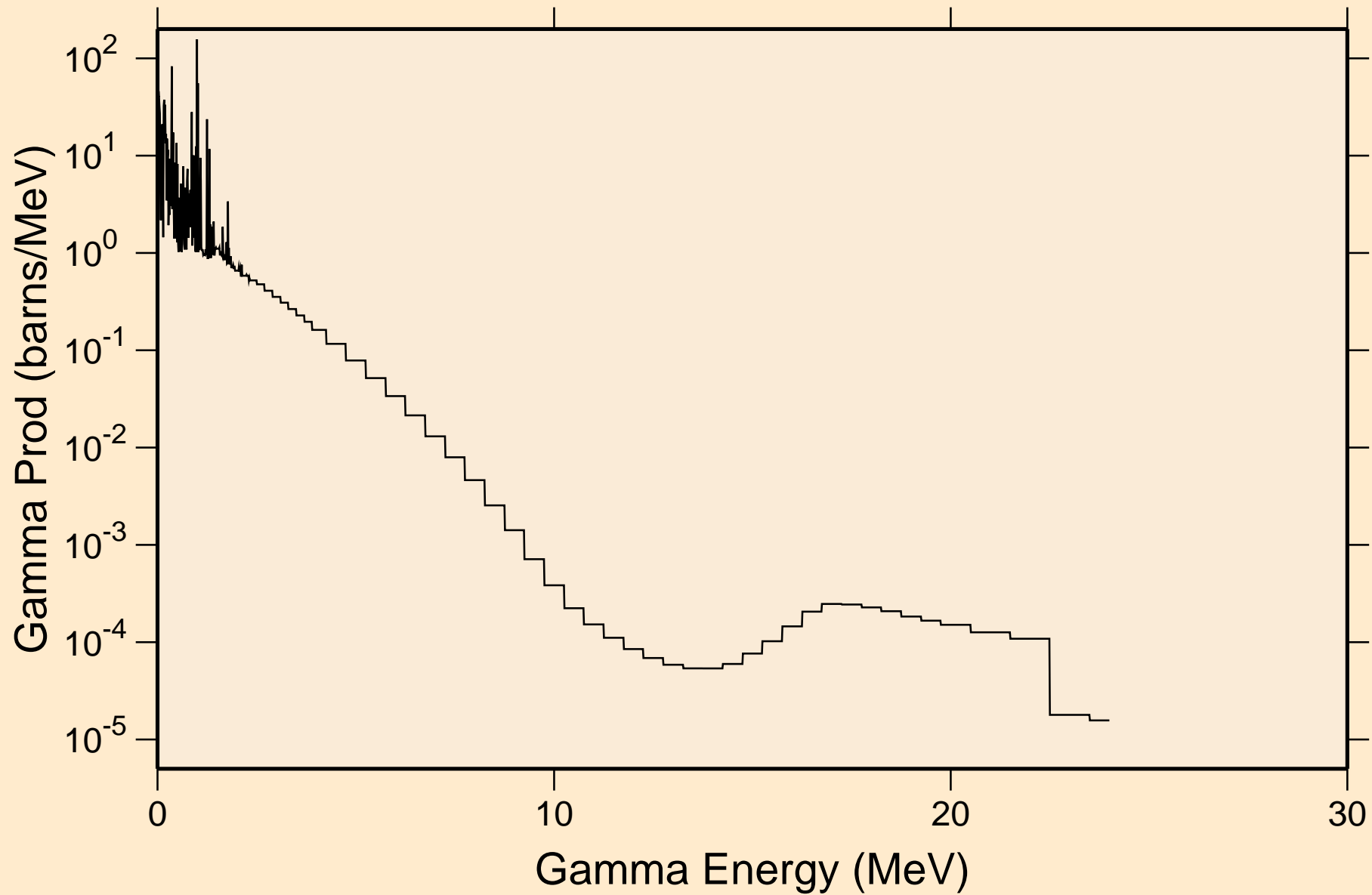
AS069 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



AS069 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

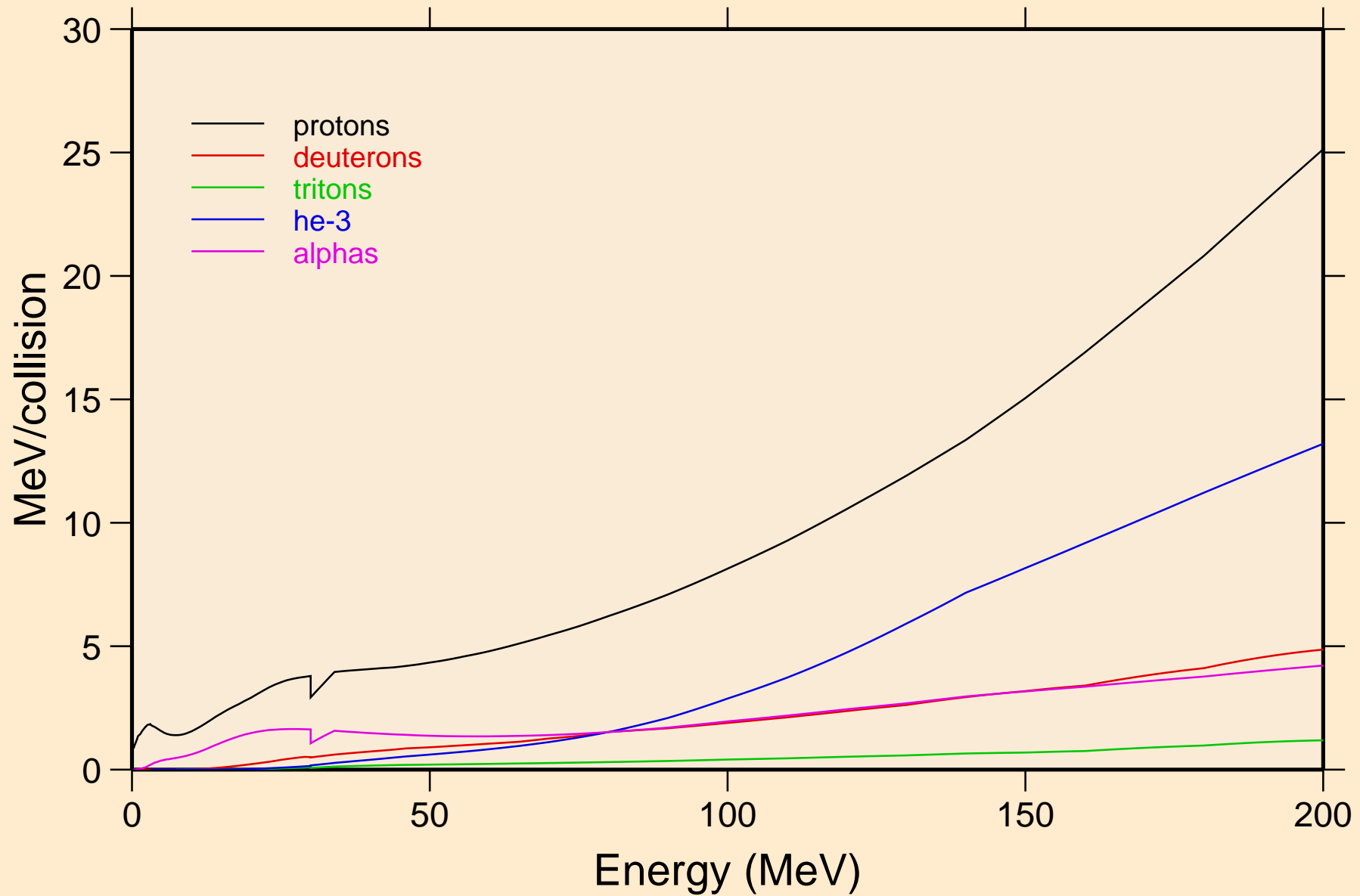


AS069 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



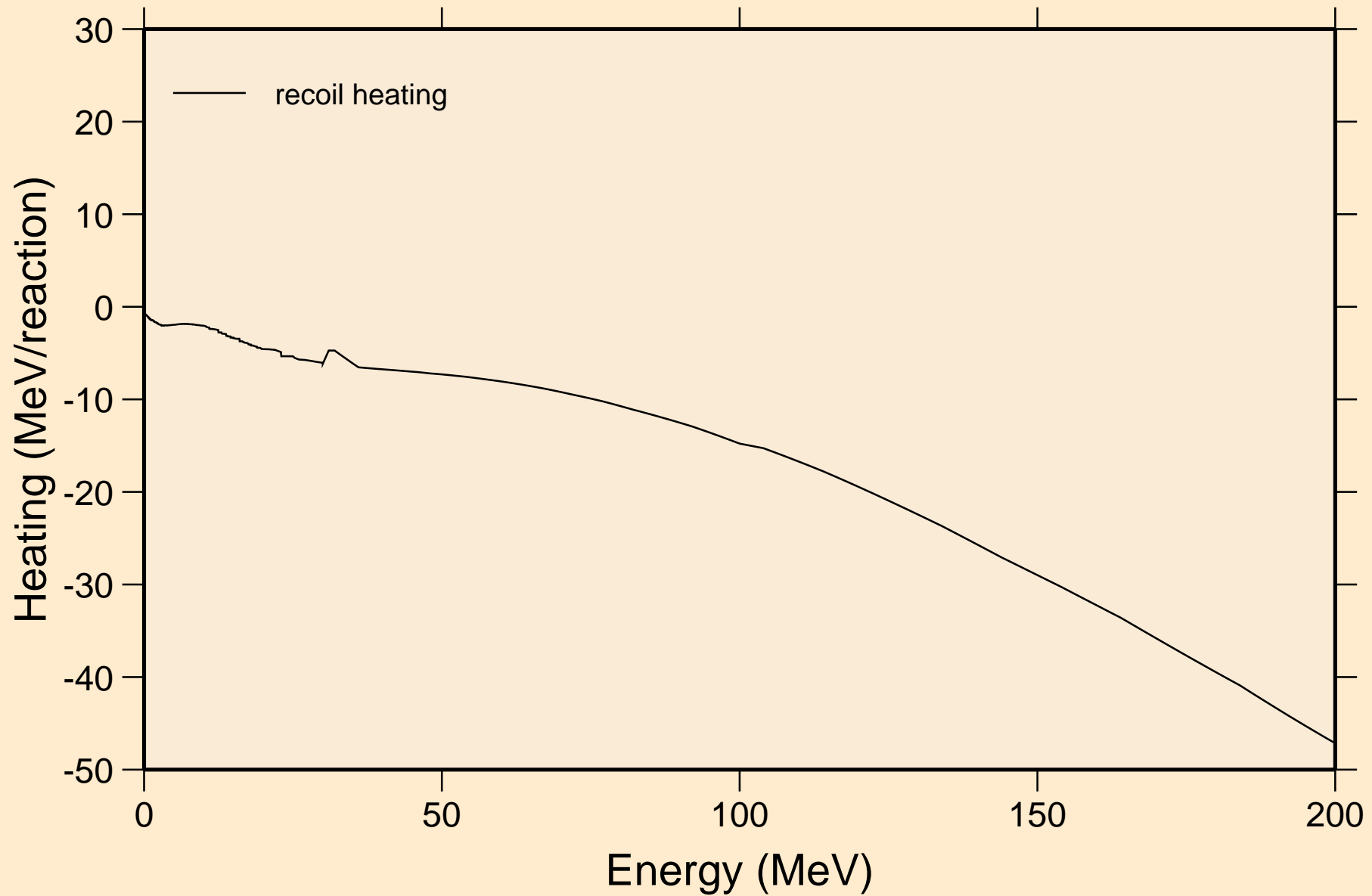
# AS069 NRG TENDL-2015, AKONING

## Particle heating contributions



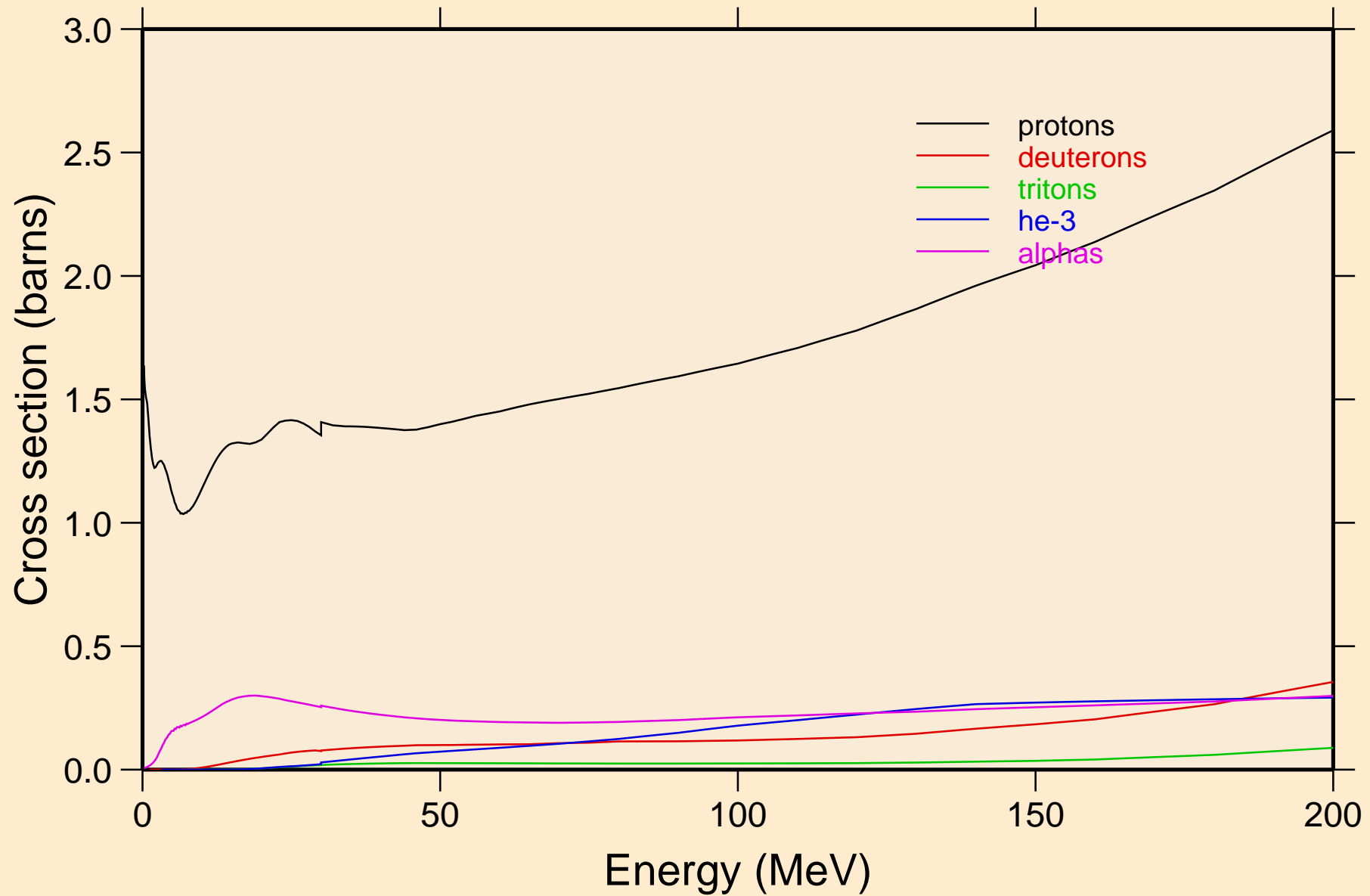
# AS069 NRG TENDL-2015, AKONING

## Recoil Heating

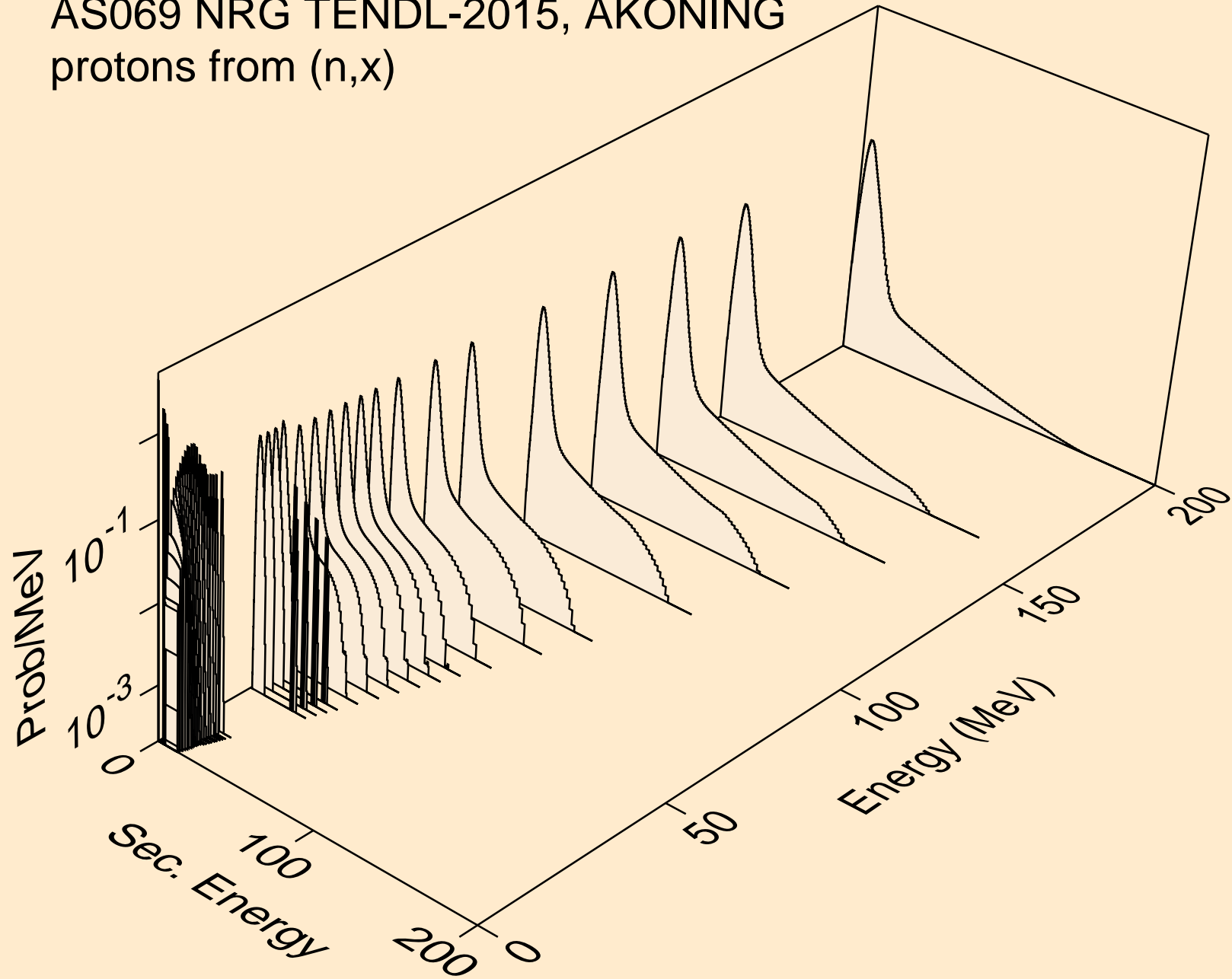


# AS069 NRG TENDL-2015, AKONING

## Particle production cross sections

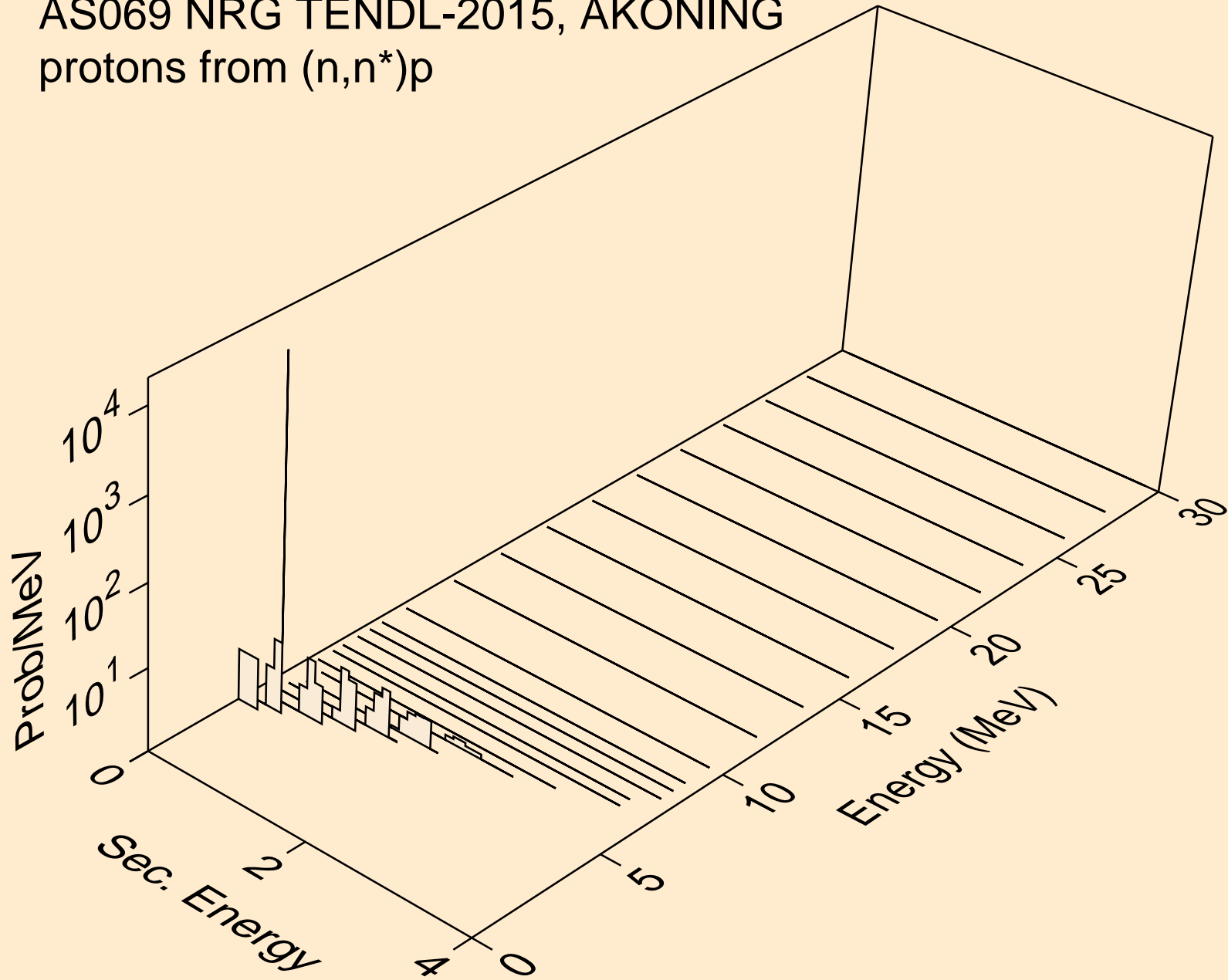


AS069 NRG TENDL-2015, AKONING  
protons from (n,x)

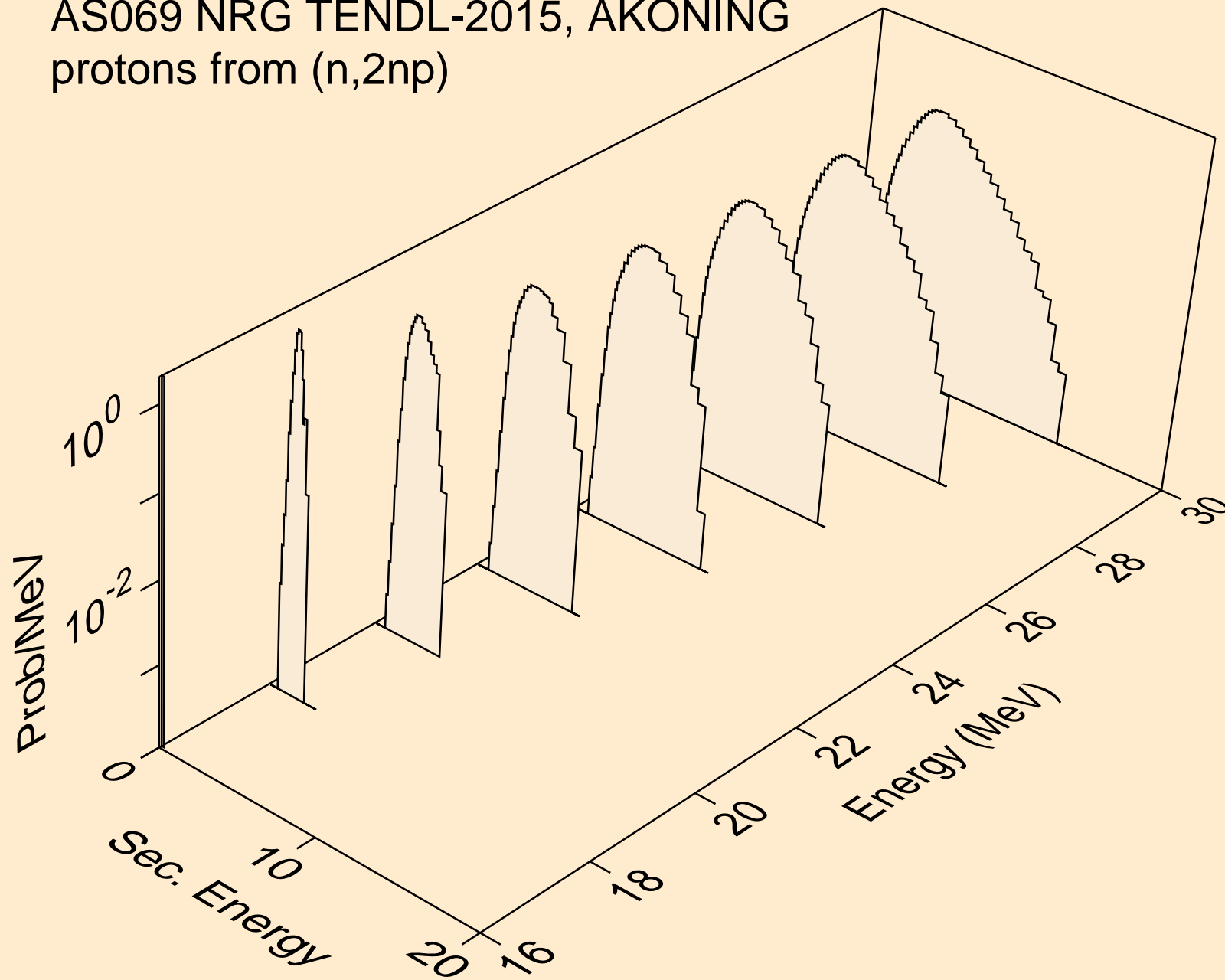




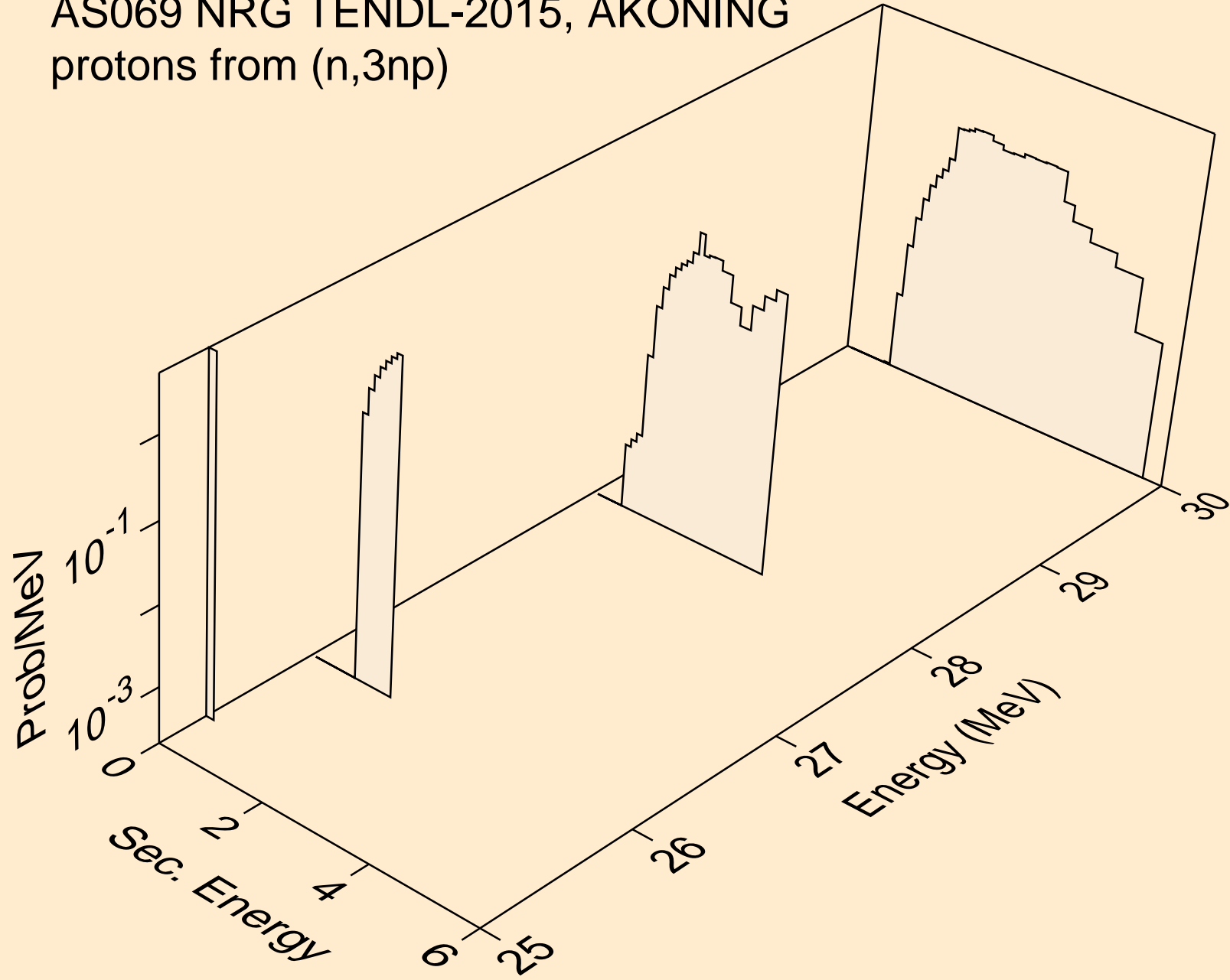
AS069 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



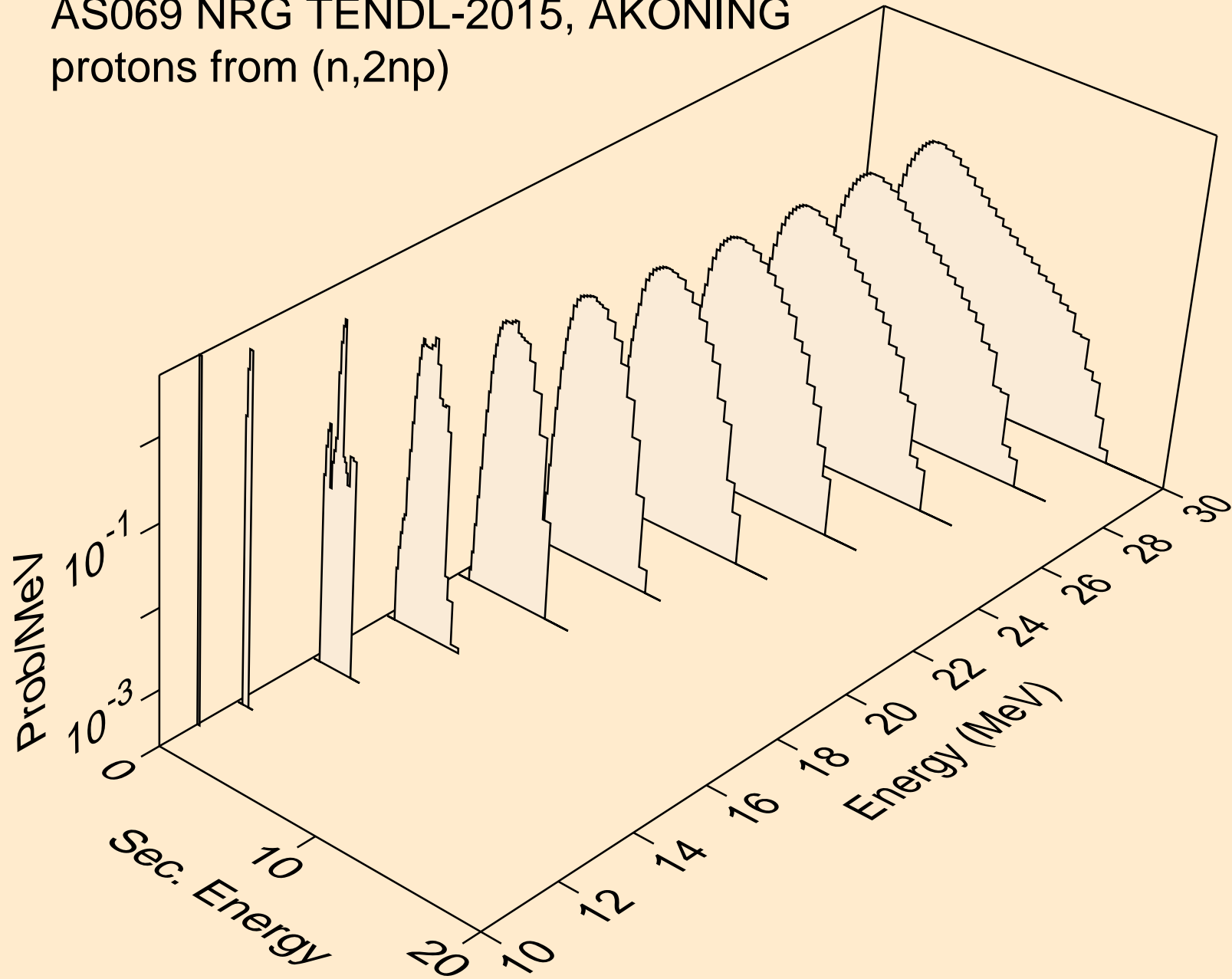
AS069 NRG TENDL-2015, AKONING  
protons from (n,2np)



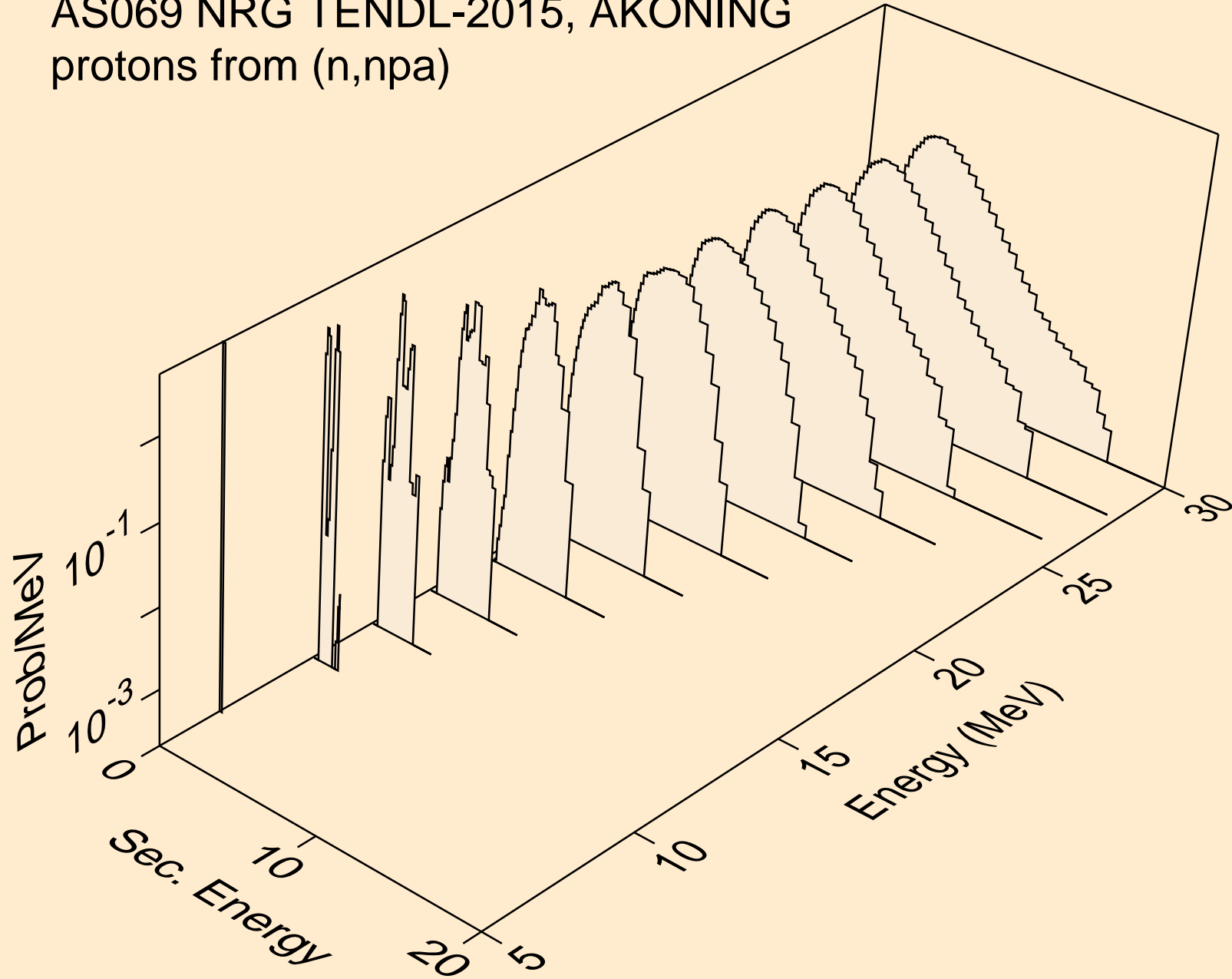
AS069 NRG TENDL-2015, AKONING  
protons from (n,3np)



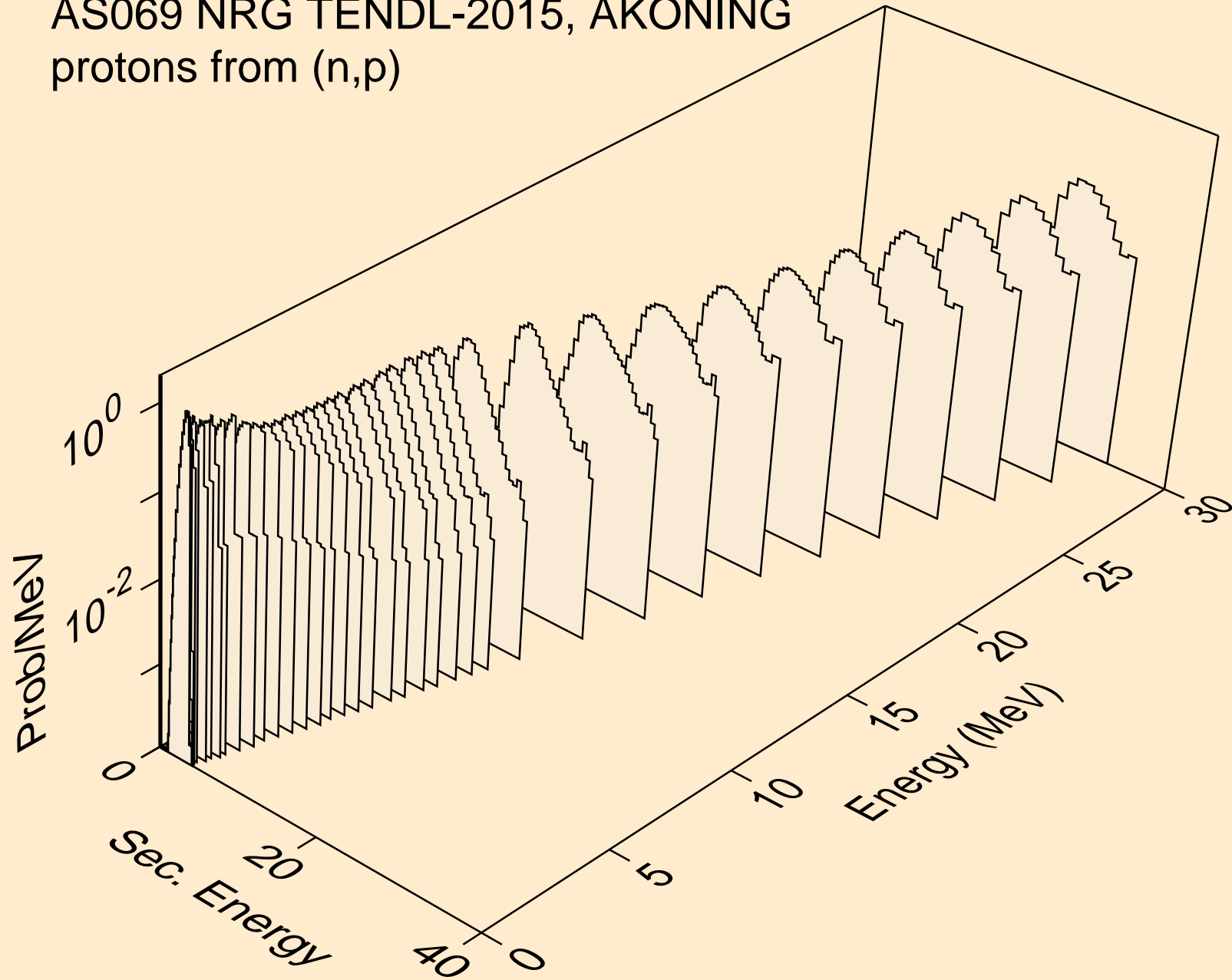
AS069 NRG TENDL-2015, AKONING  
protons from (n,2np)



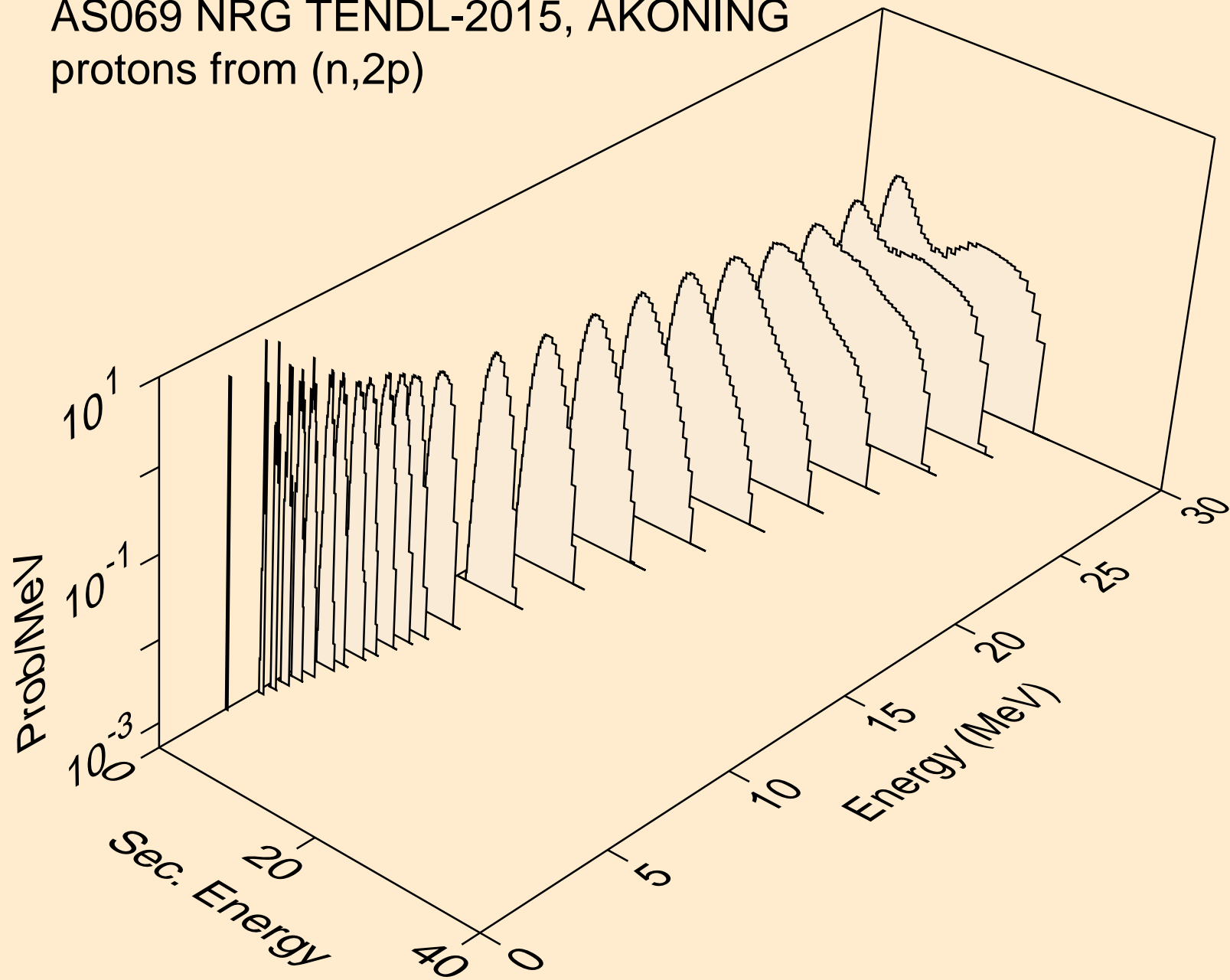
AS069 NRG TENDL-2015, AKONING  
protons from (n,npa)



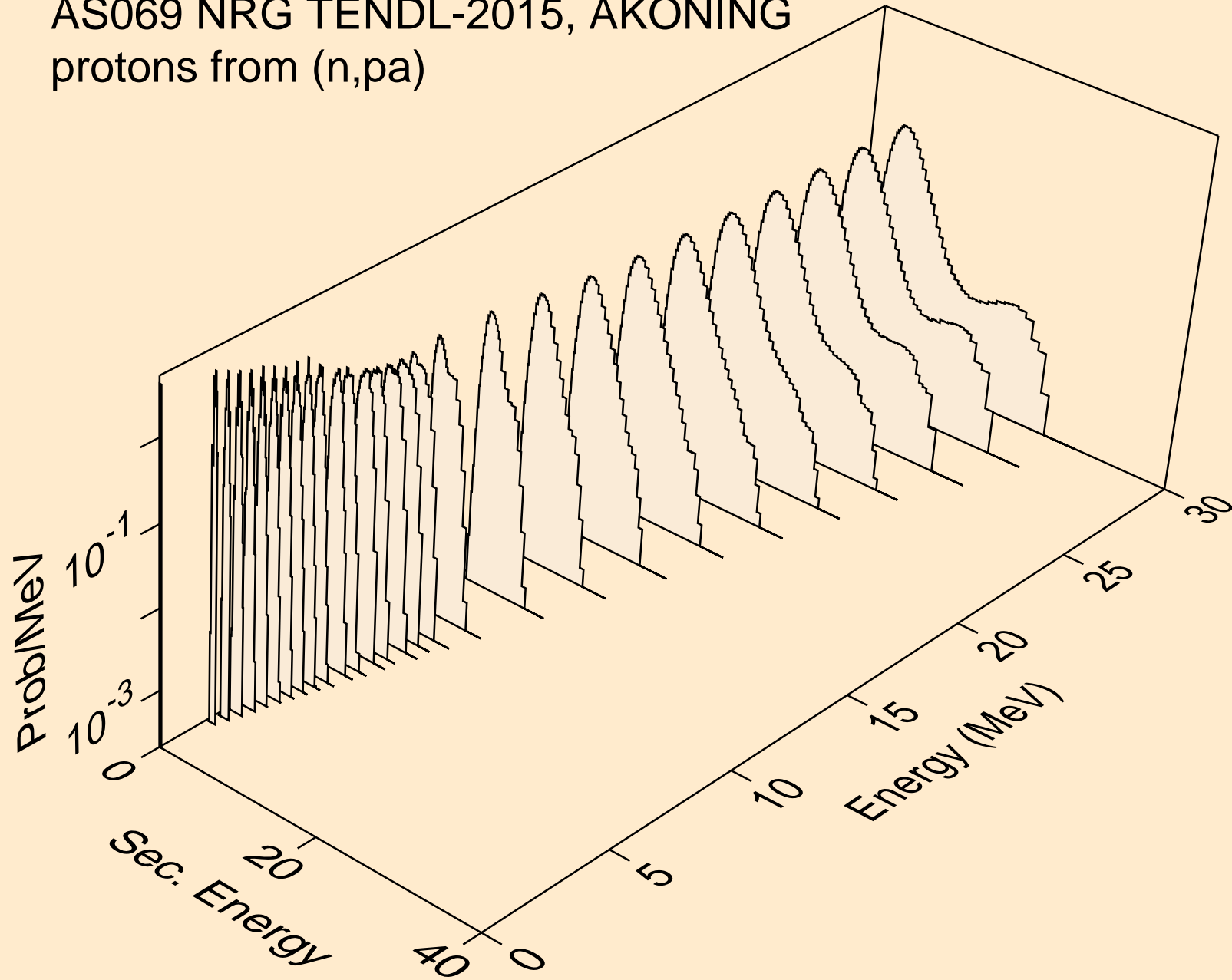
AS069 NRG TENDL-2015, AKONING  
protons from (n,p)



AS069 NRG TENDL-2015, AKONING  
protons from (n,2p)

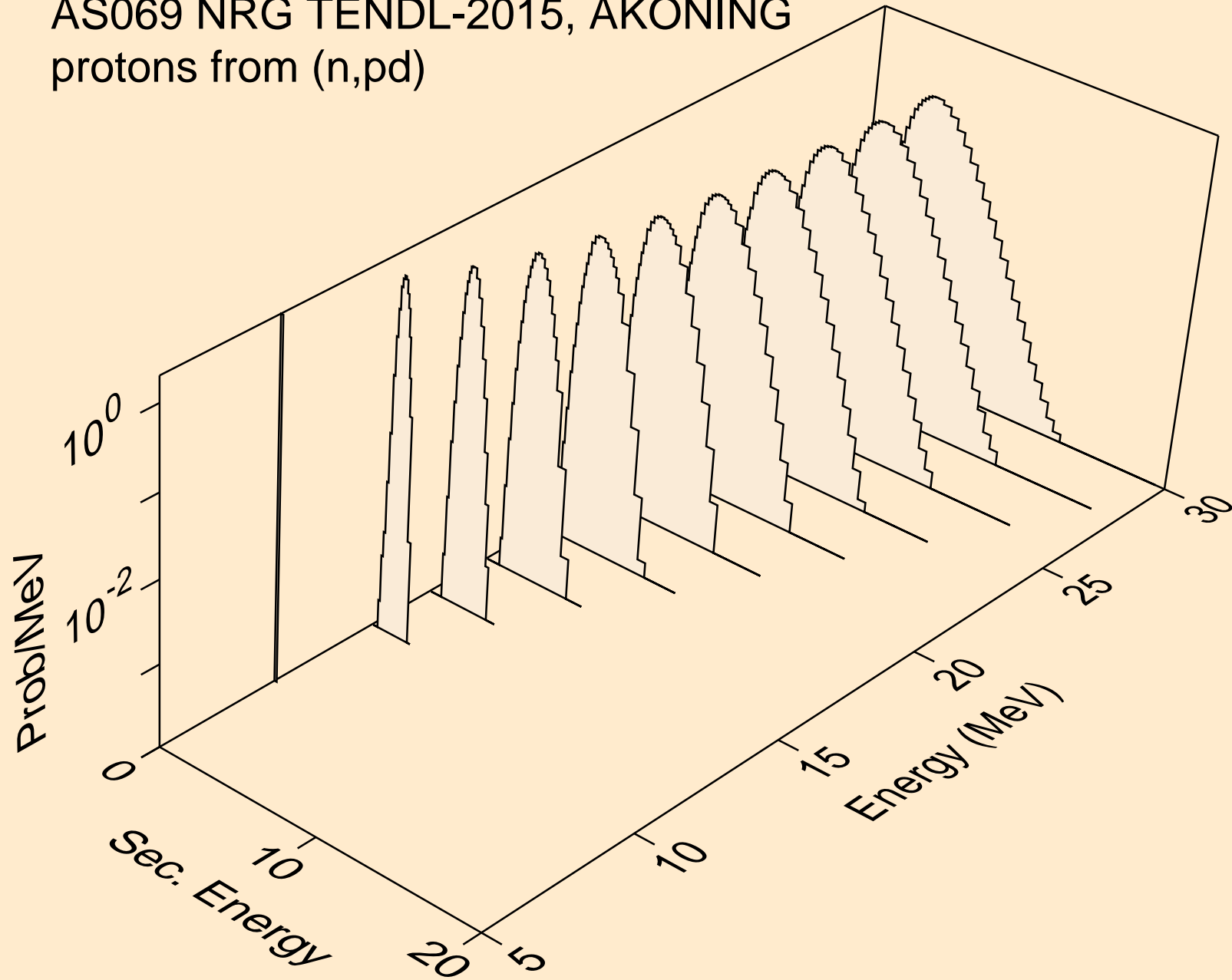


AS069 NRG TENDL-2015, AKONING  
protons from (n,pa)

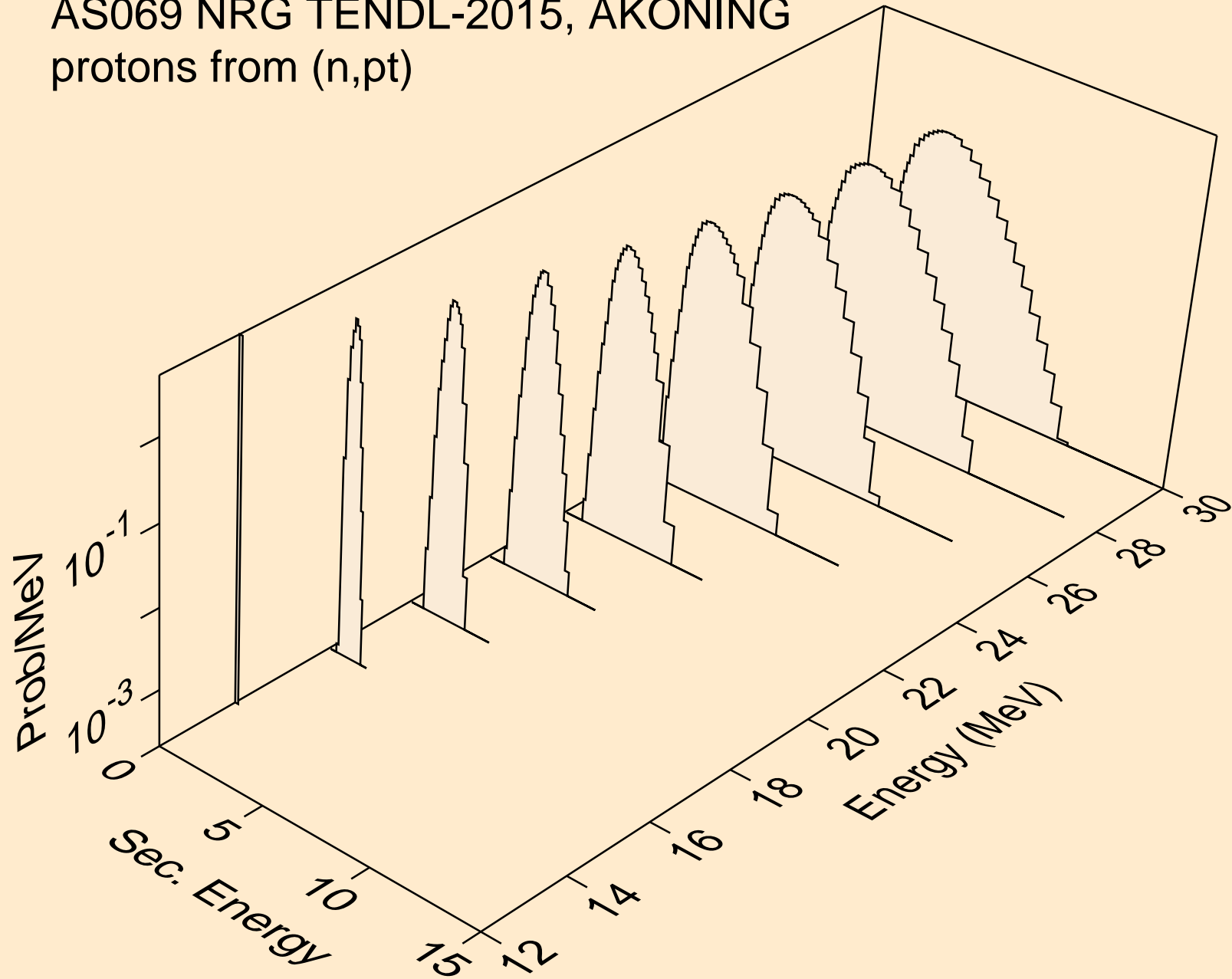




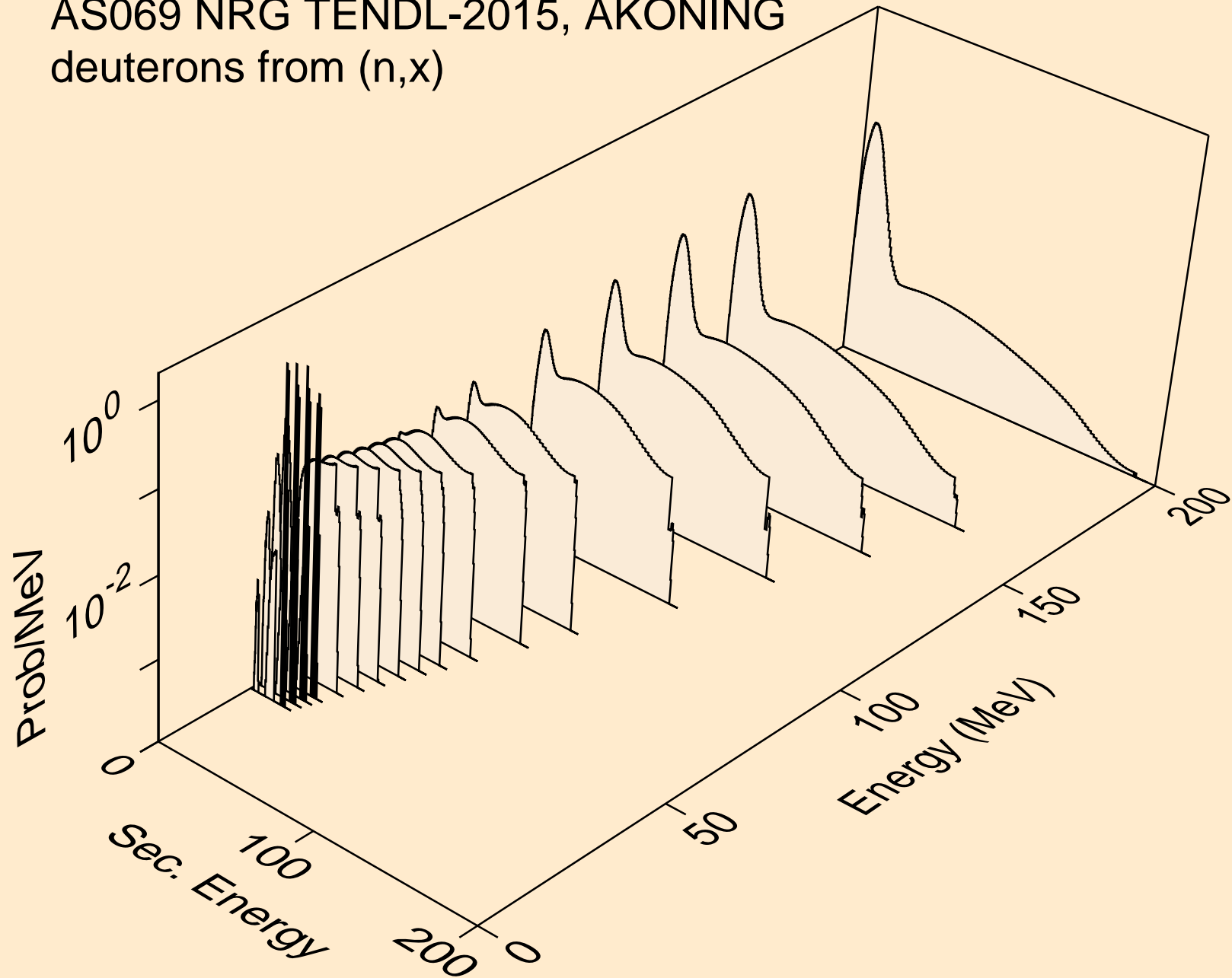
AS069 NRG TENDL-2015, AKONING  
protons from (n,pd)



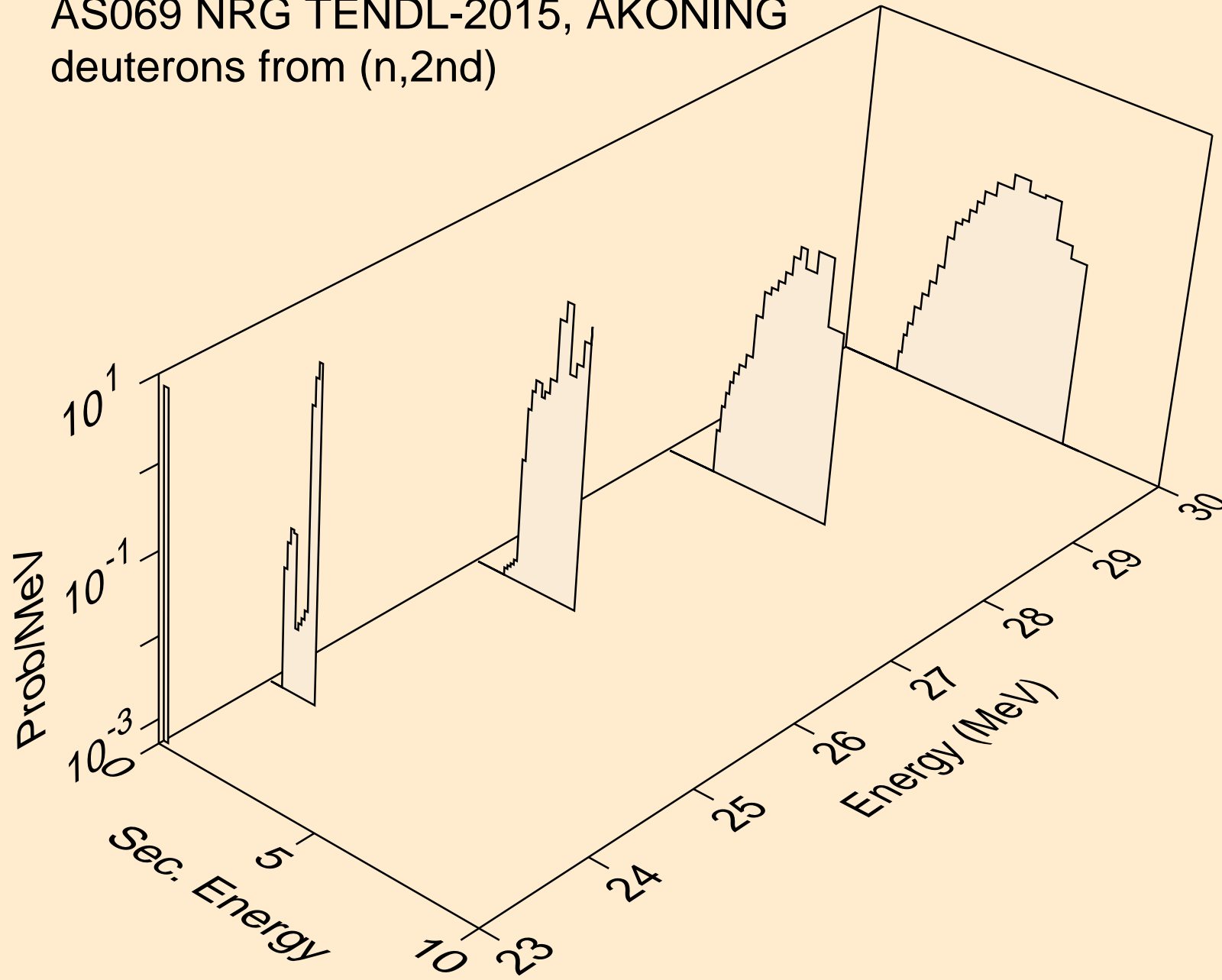
AS069 NRG TENDL-2015, AKONING  
protons from (n,pt)



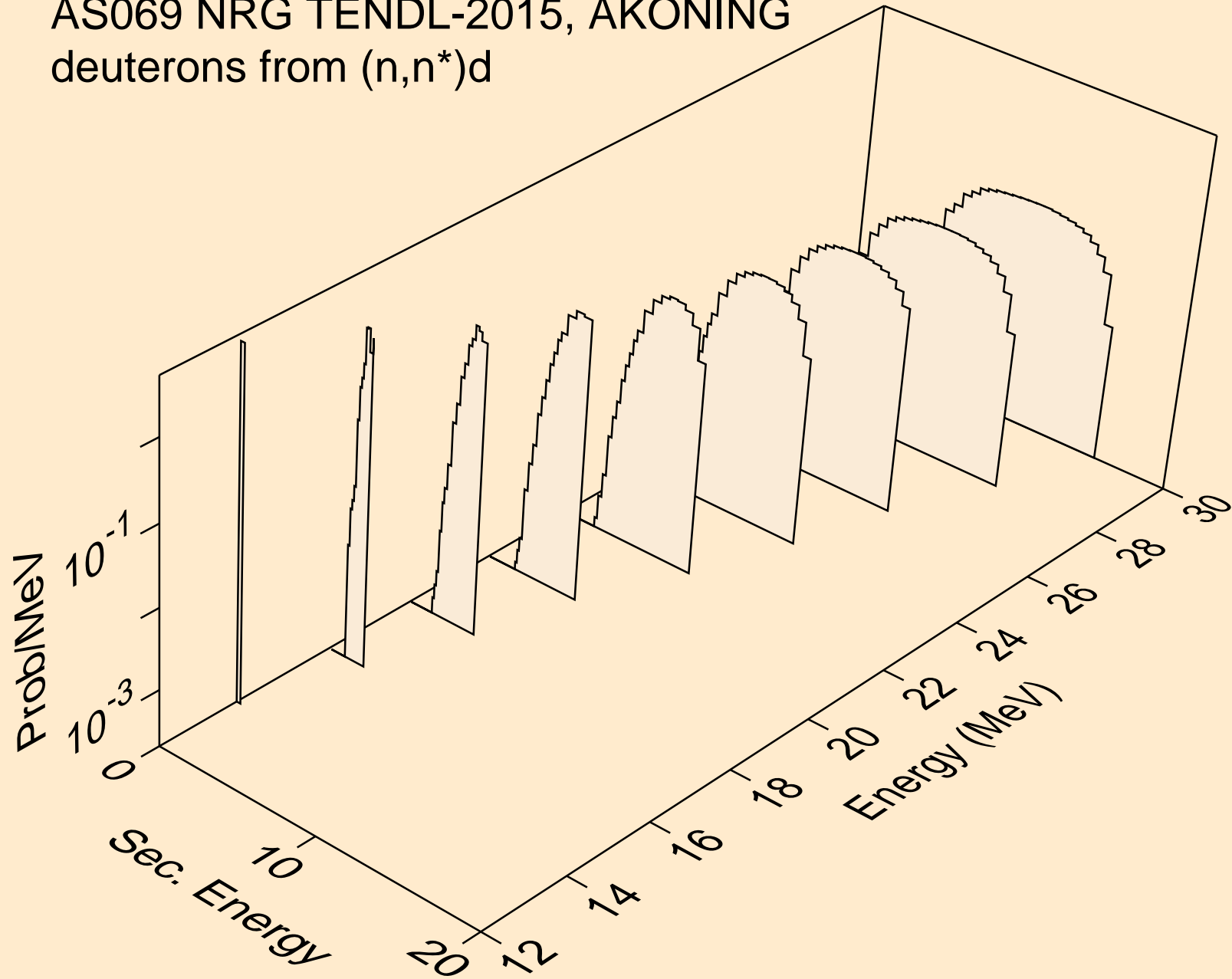
AS069 NRG TENDL-2015, AKONING  
deuterons from (n,x)



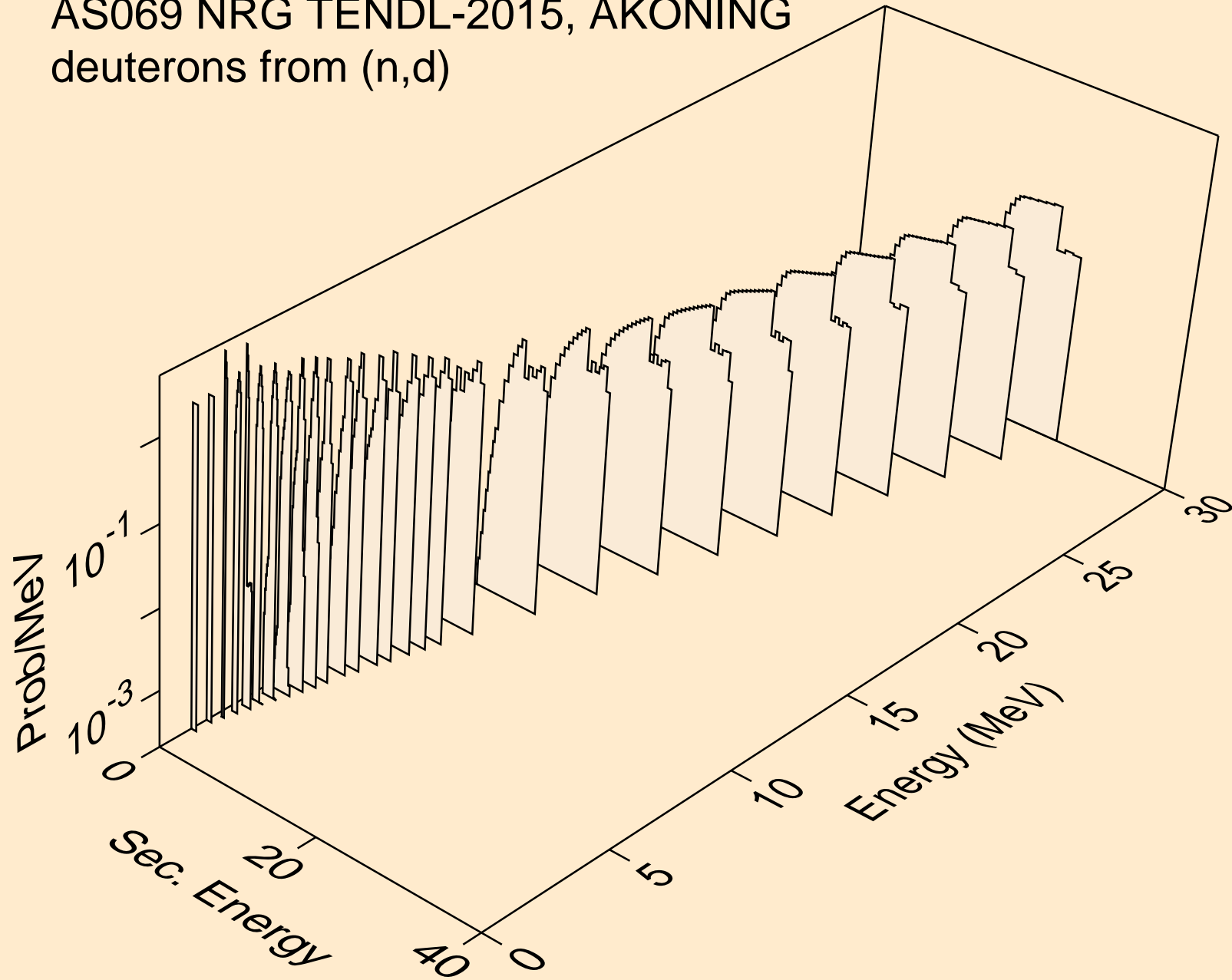
AS069 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



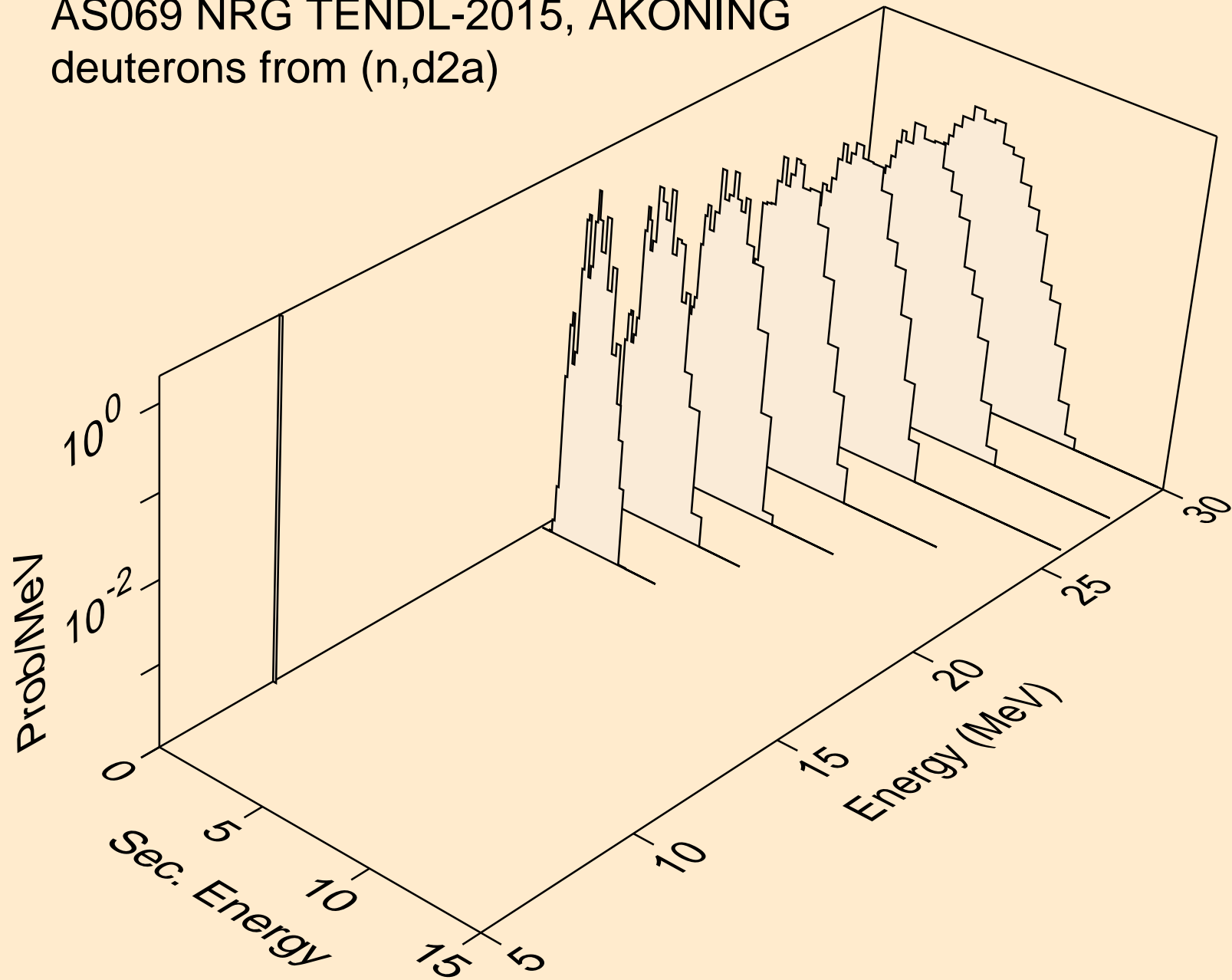
AS069 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



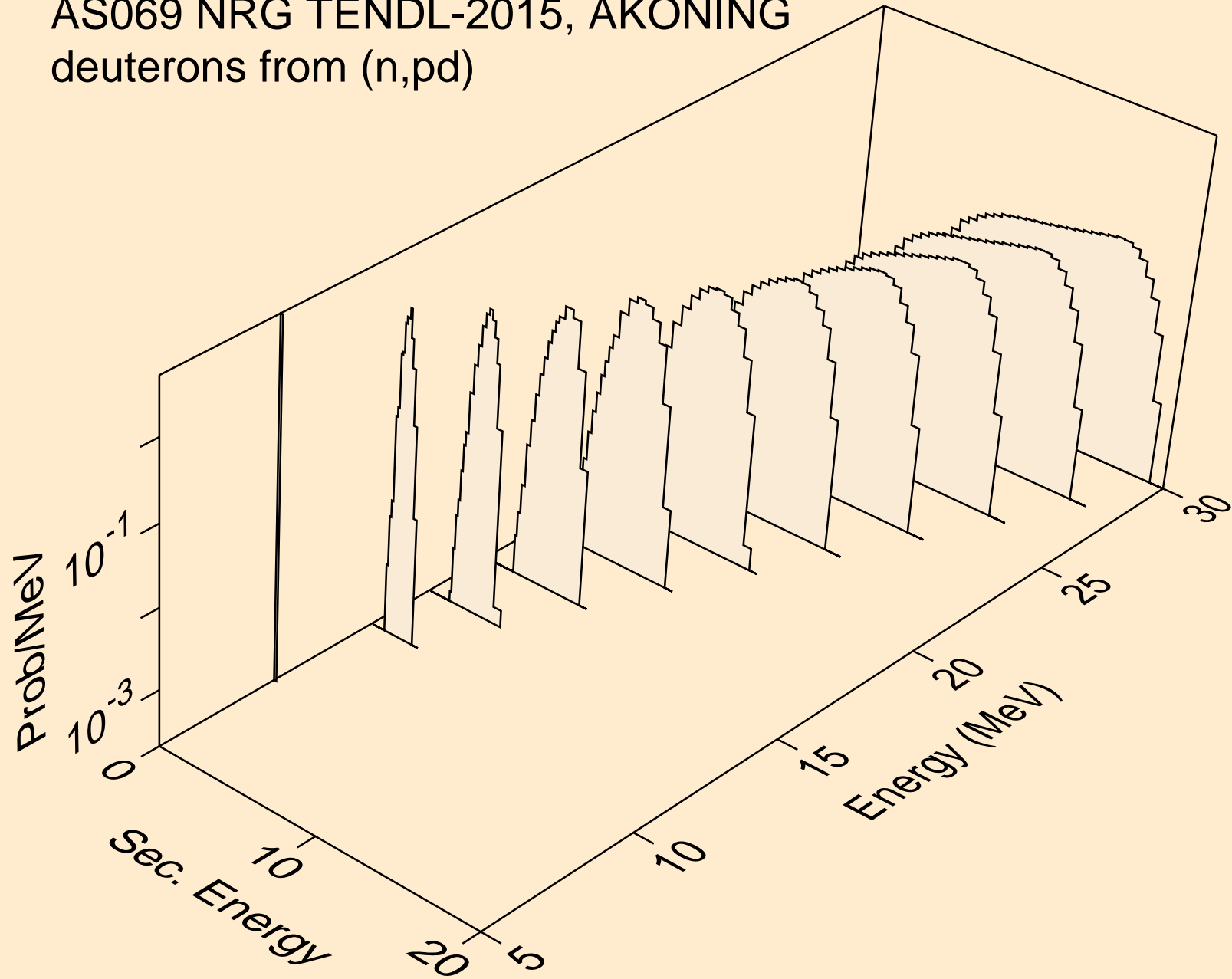
AS069 NRG TENDL-2015, AKONING  
deuterons from (n,d)



AS069 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

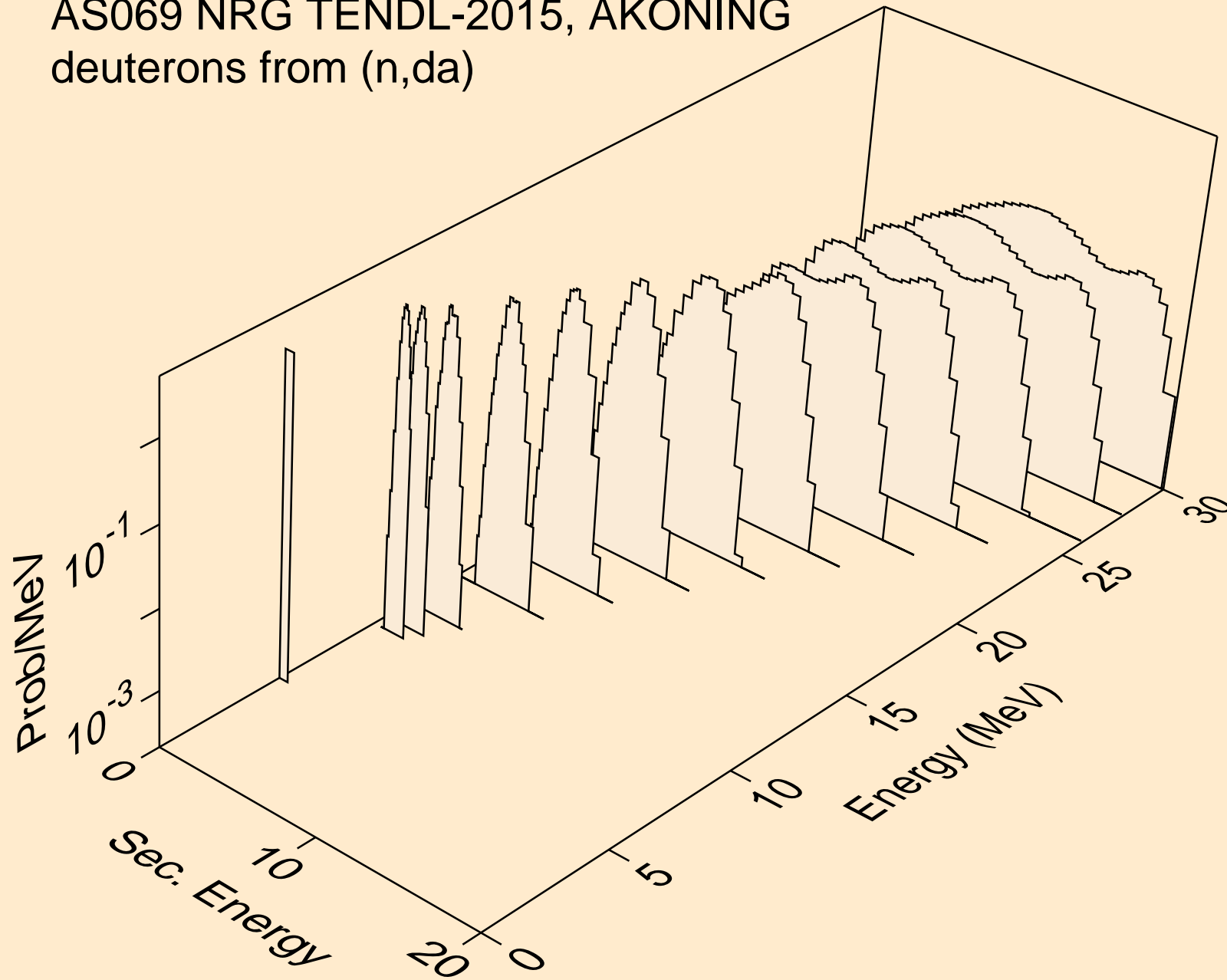


AS069 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

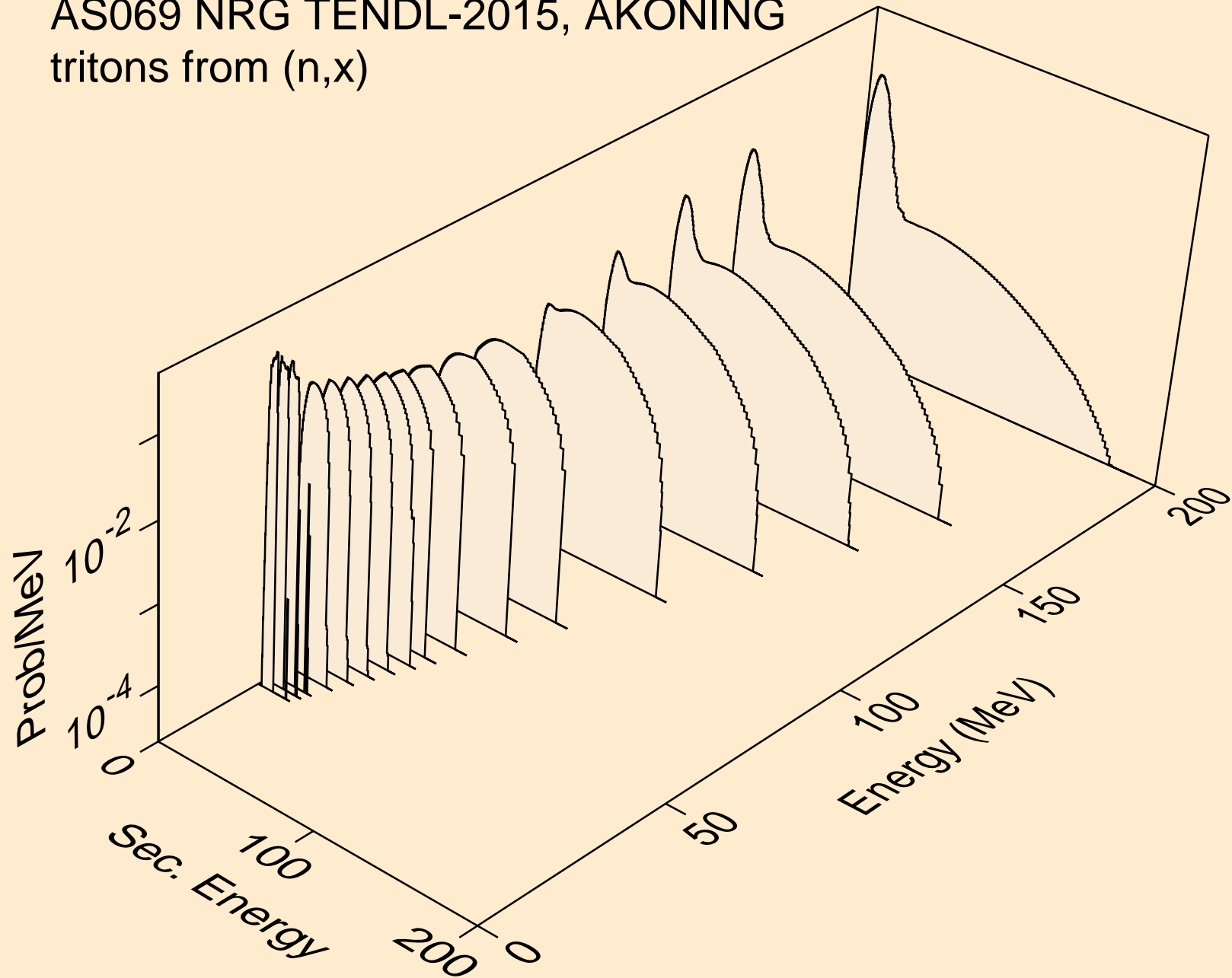




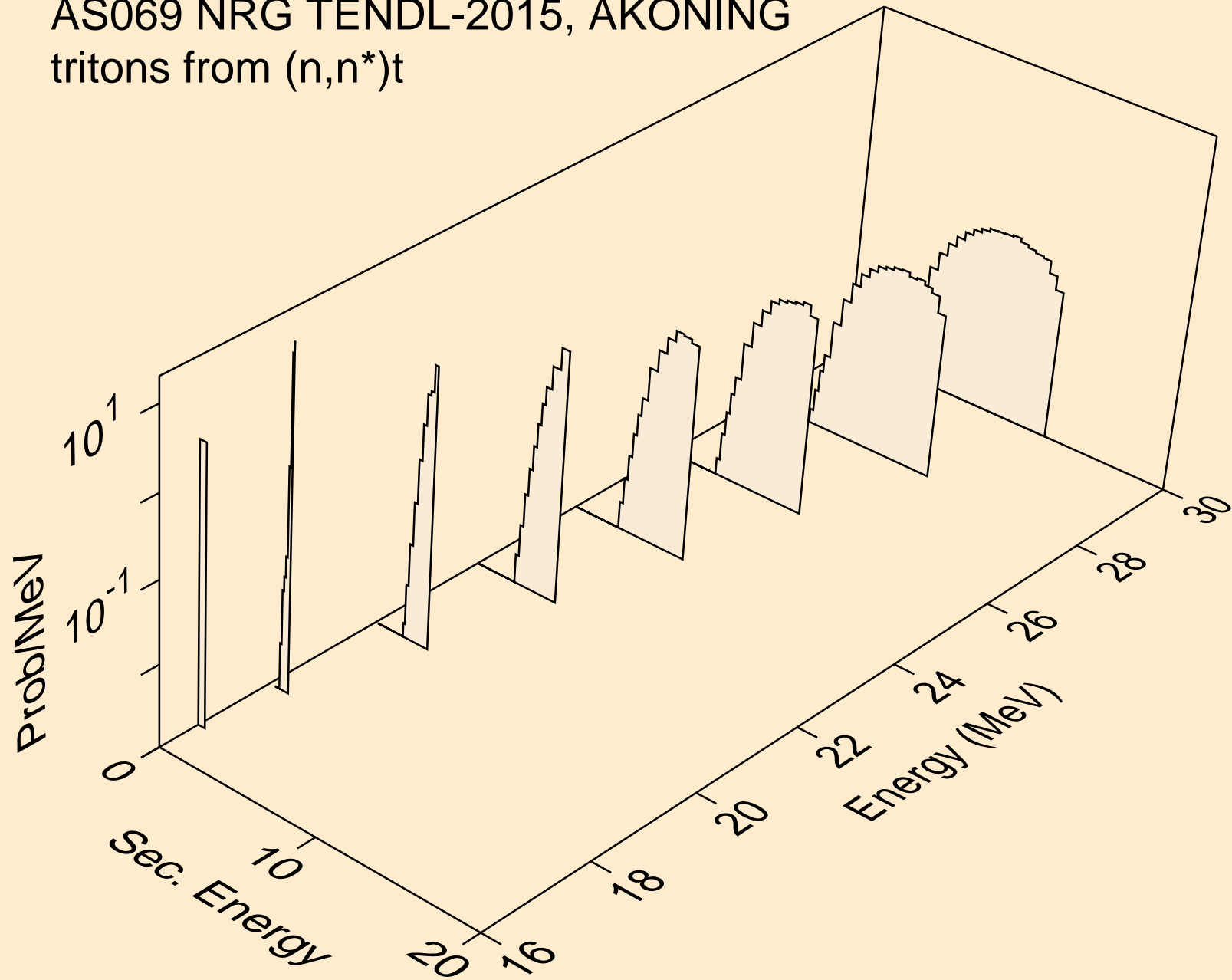
AS069 NRG TENDL-2015, AKONING  
deuterons from (n,da)



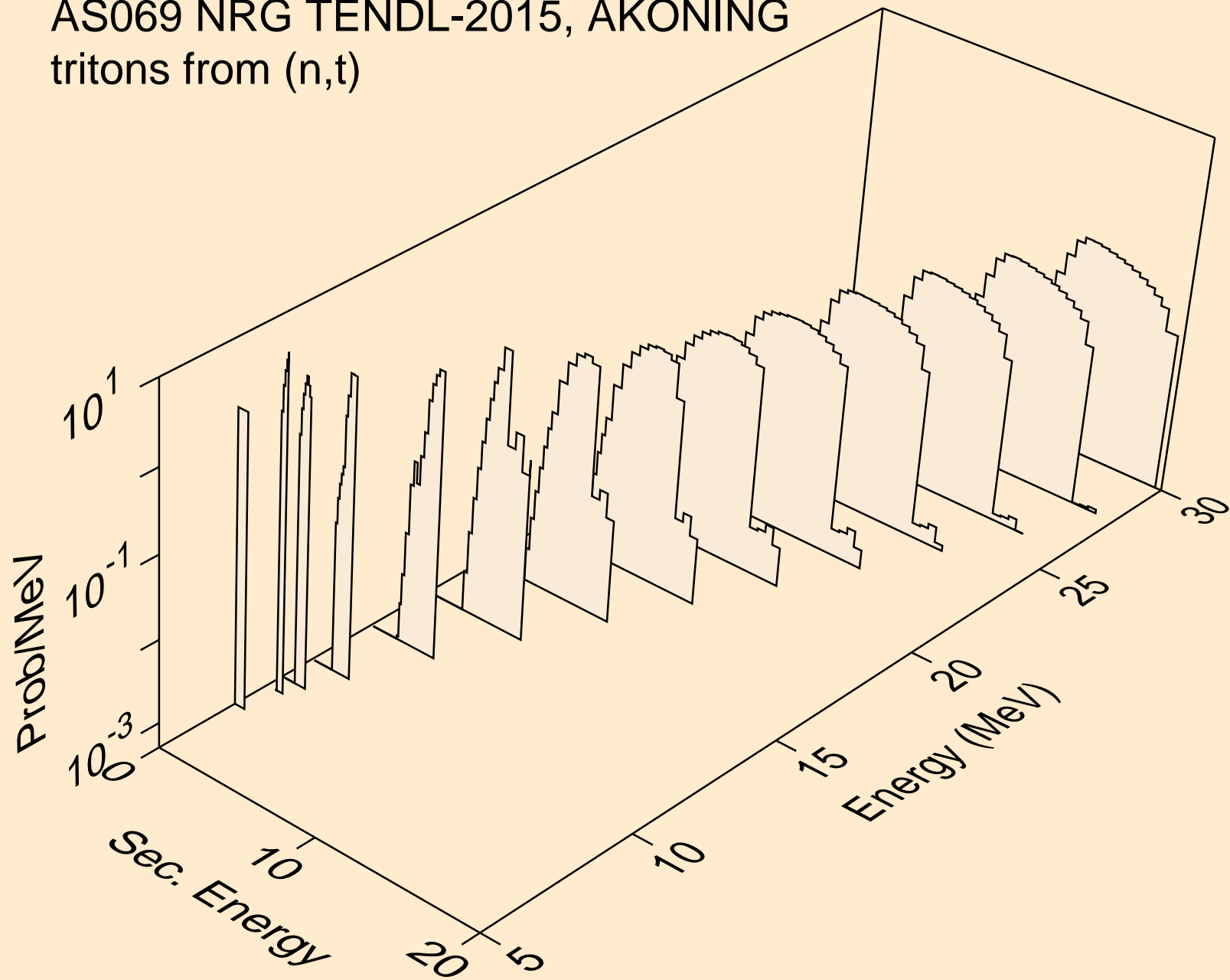
AS069 NRG TENDL-2015, AKONING  
tritons from (n,x)



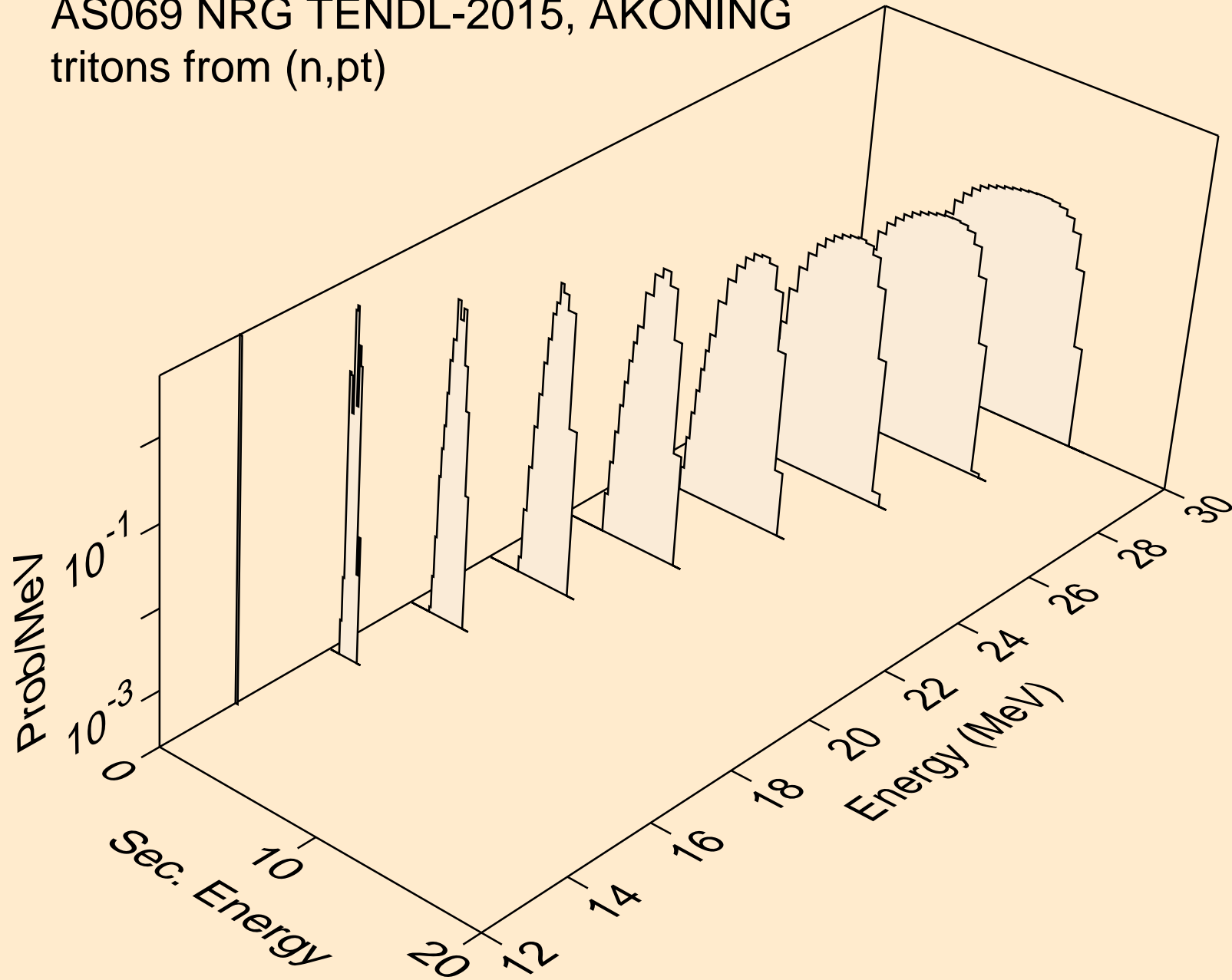
AS069 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



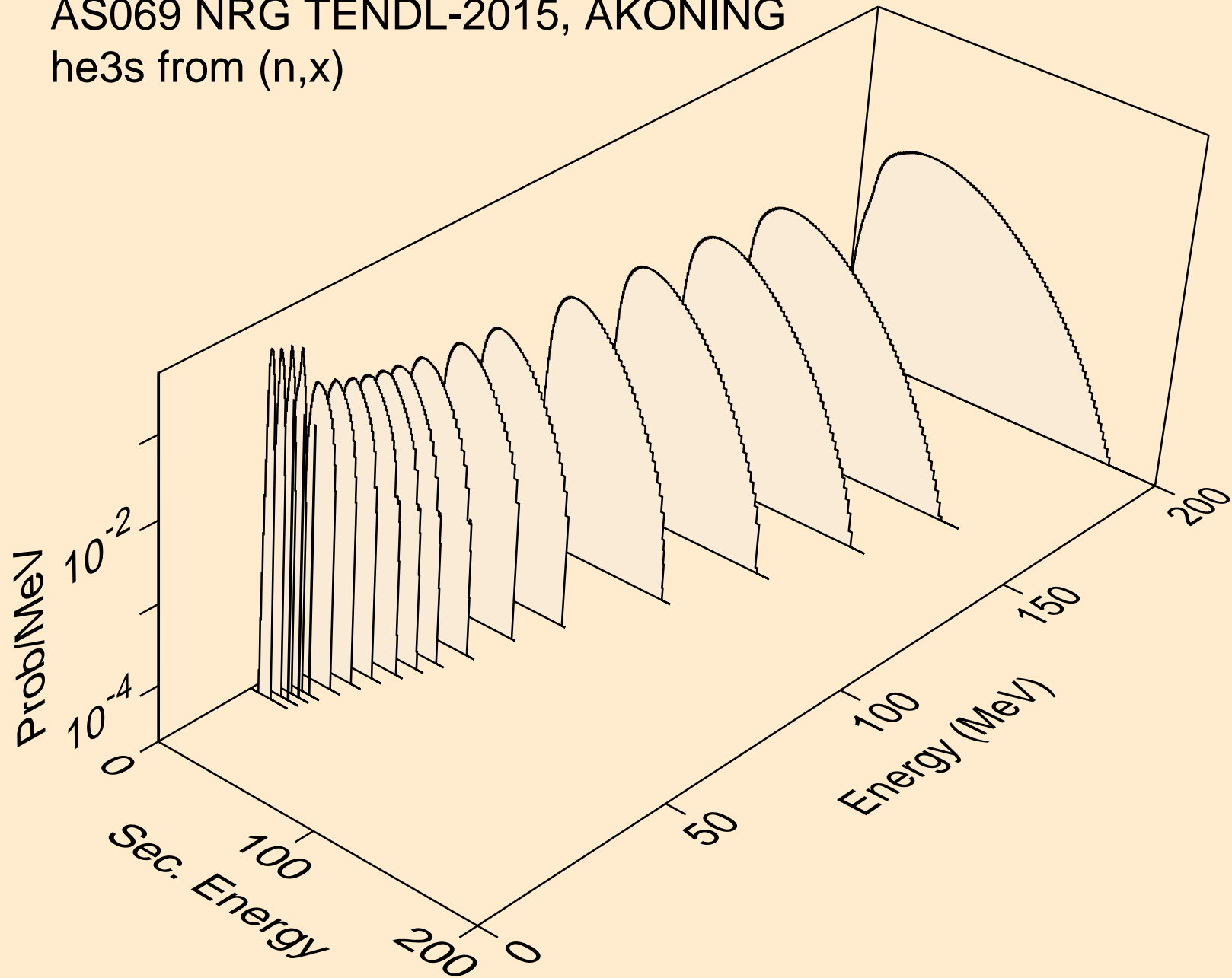
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tritons from (n,t)



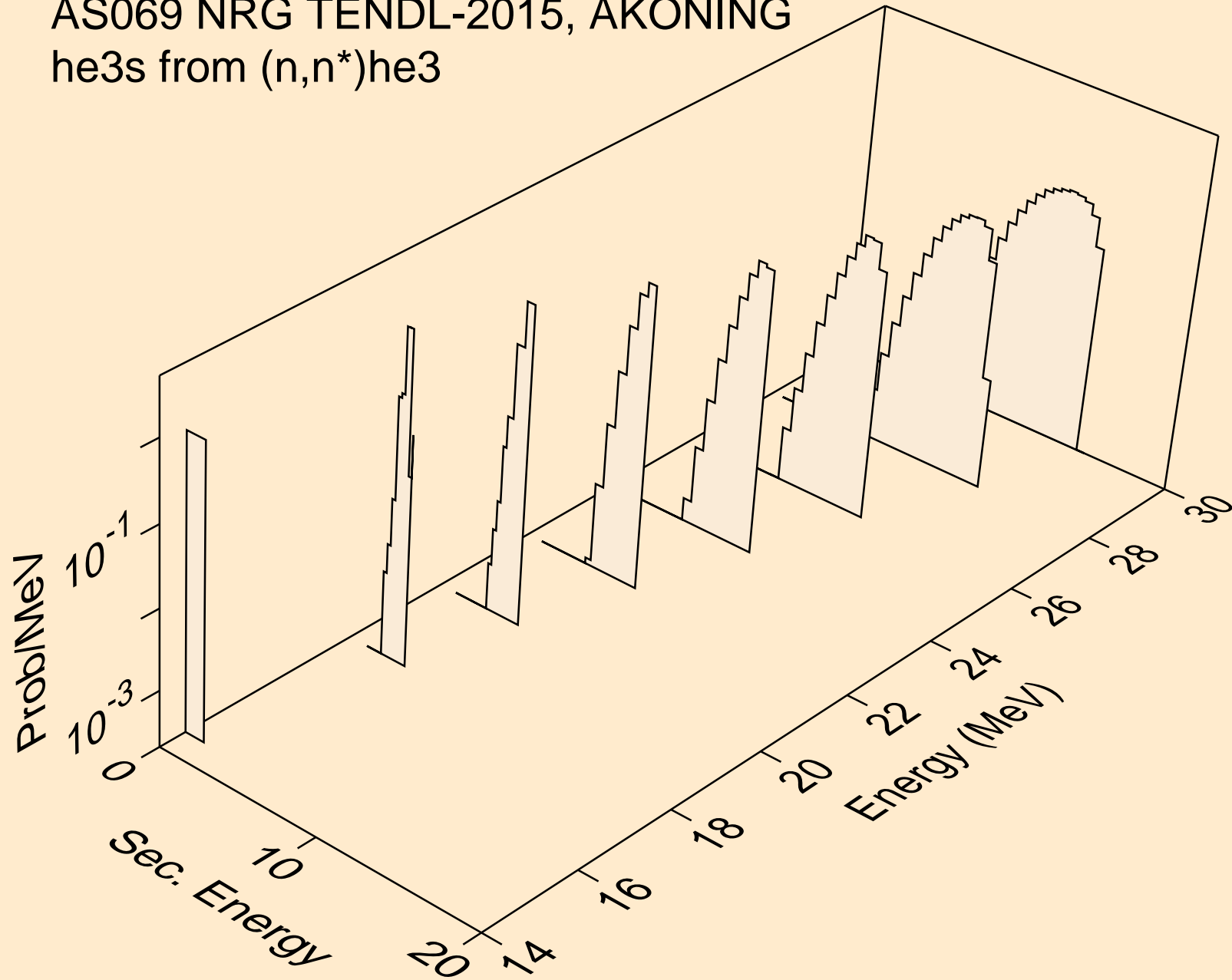
AS069 NRG TENDL-2015, AKONING  
tritons from (n,pt)



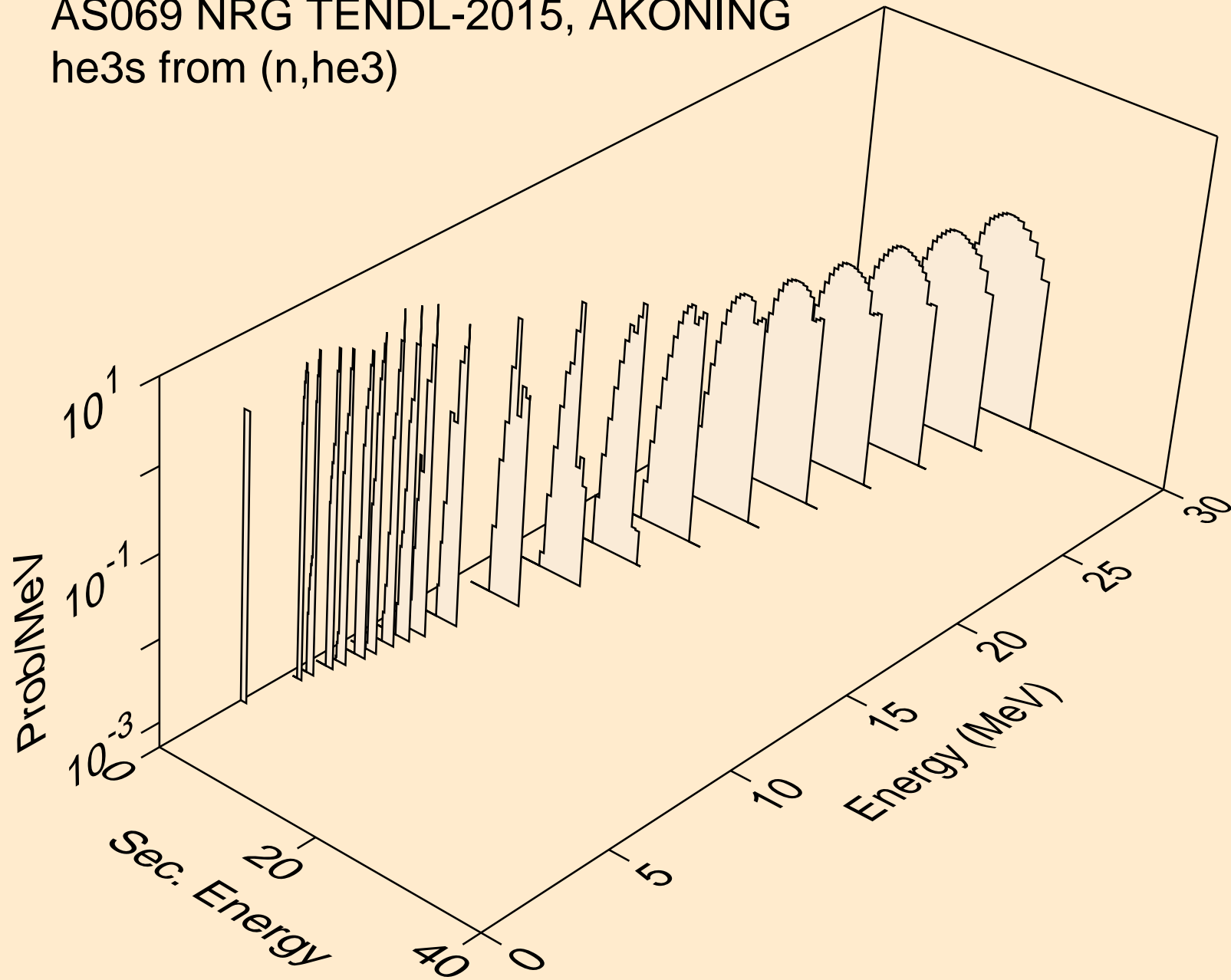
AS069 NRG TENDL-2015, AKONING  
he3s from (n,x)



AS069 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

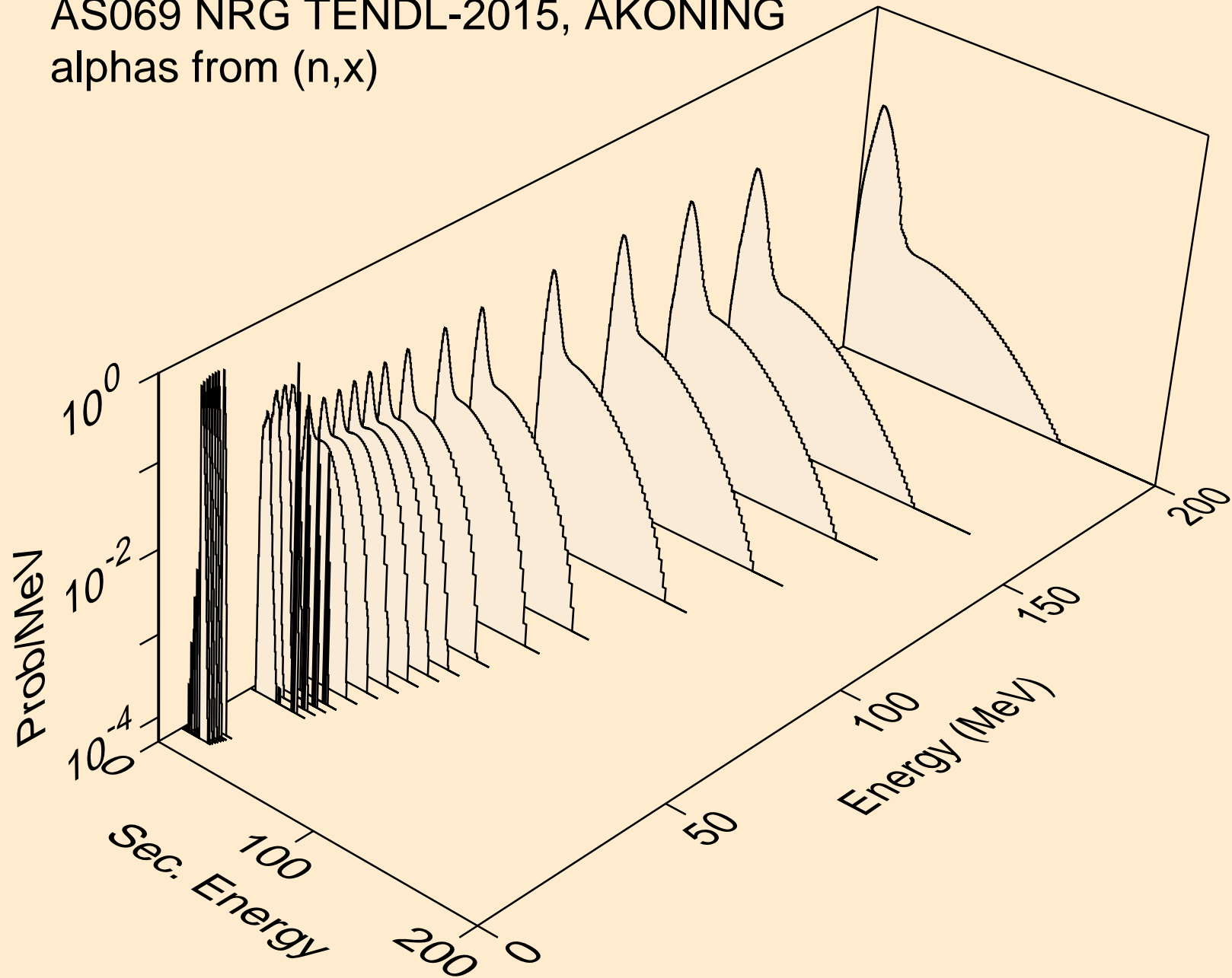


AS069 NRG TENDL-2015, AKONING  
he3s from (n,he3)

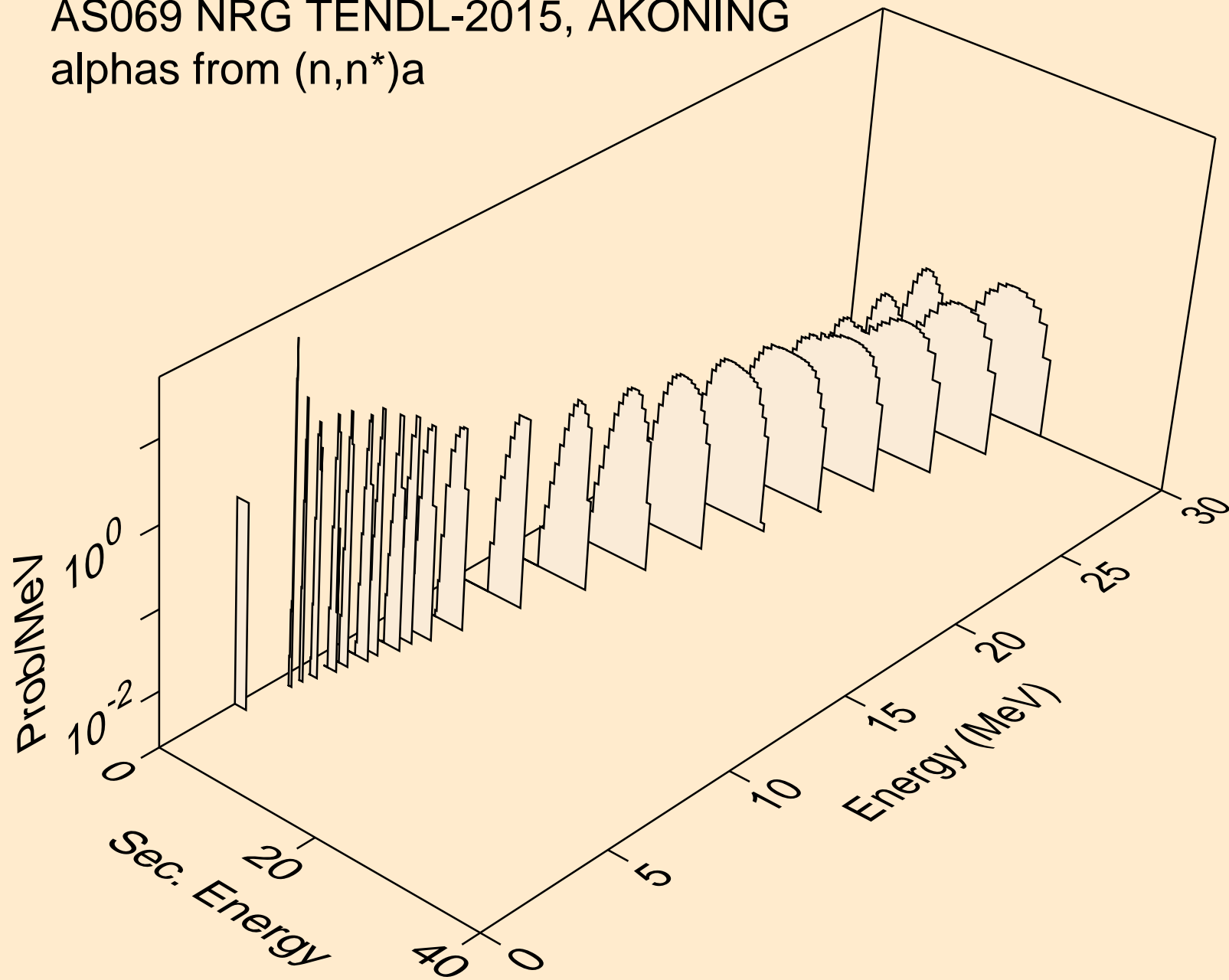




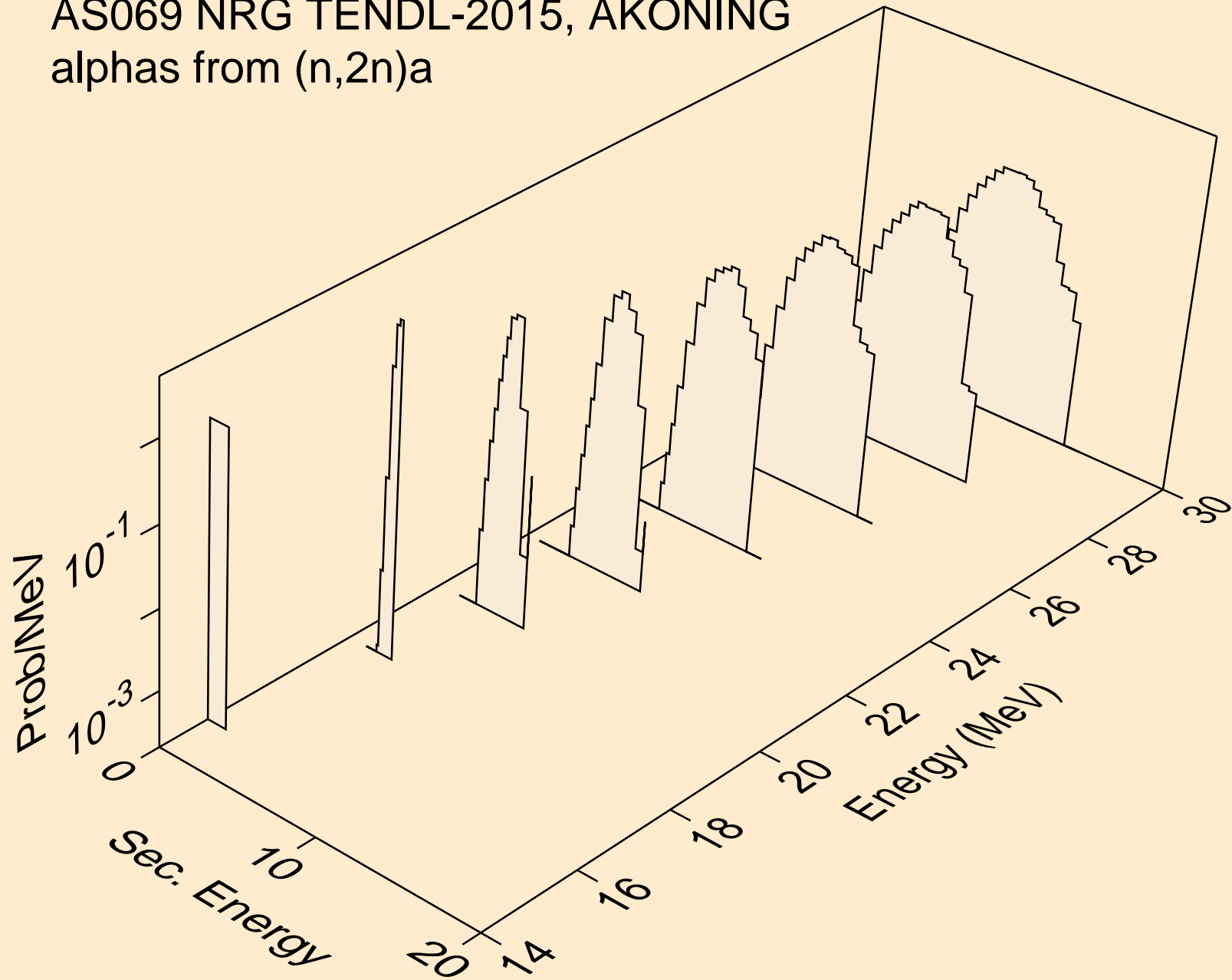
AS069 NRG TENDL-2015, AKONING  
alphas from (n,x)



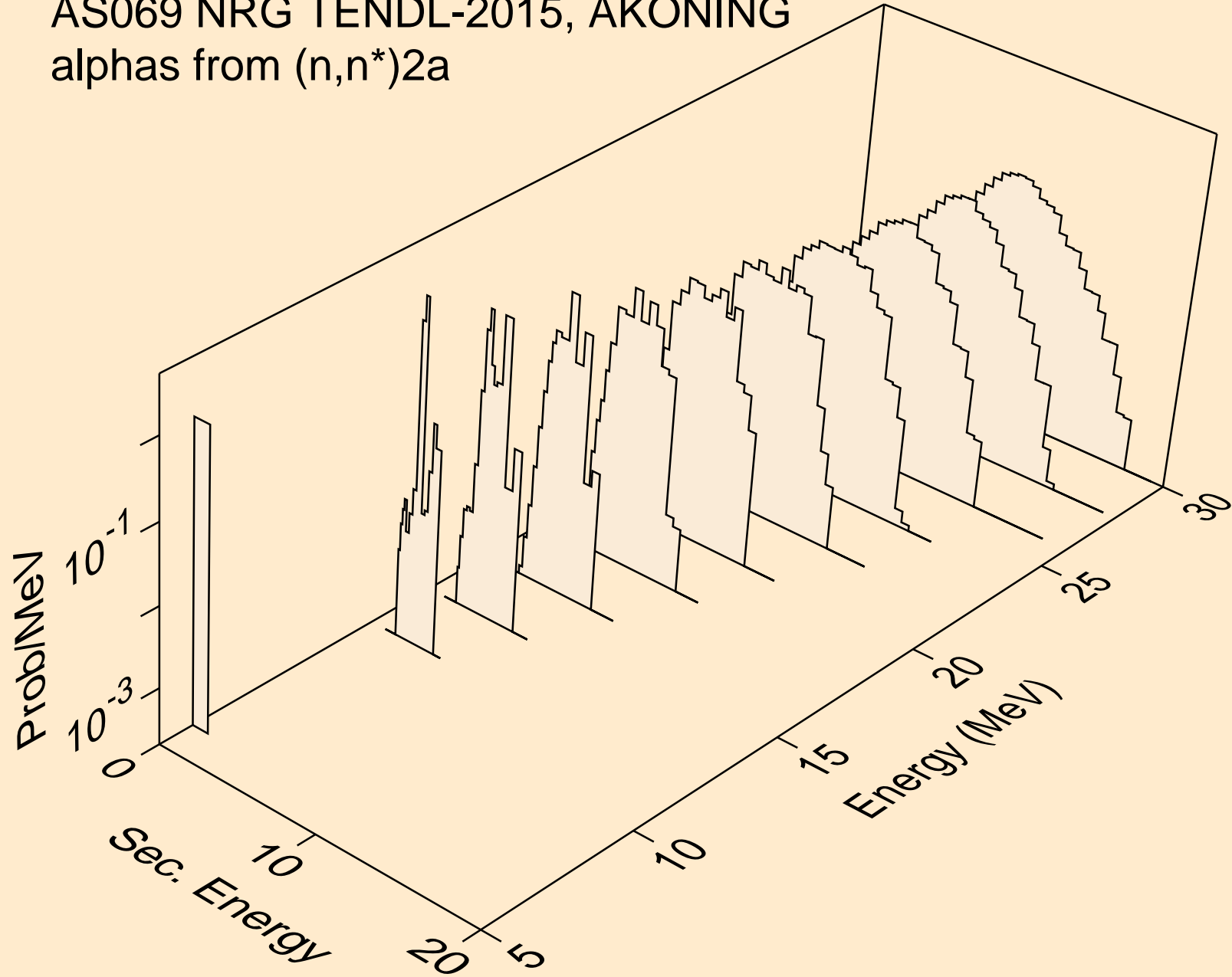
AS069 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



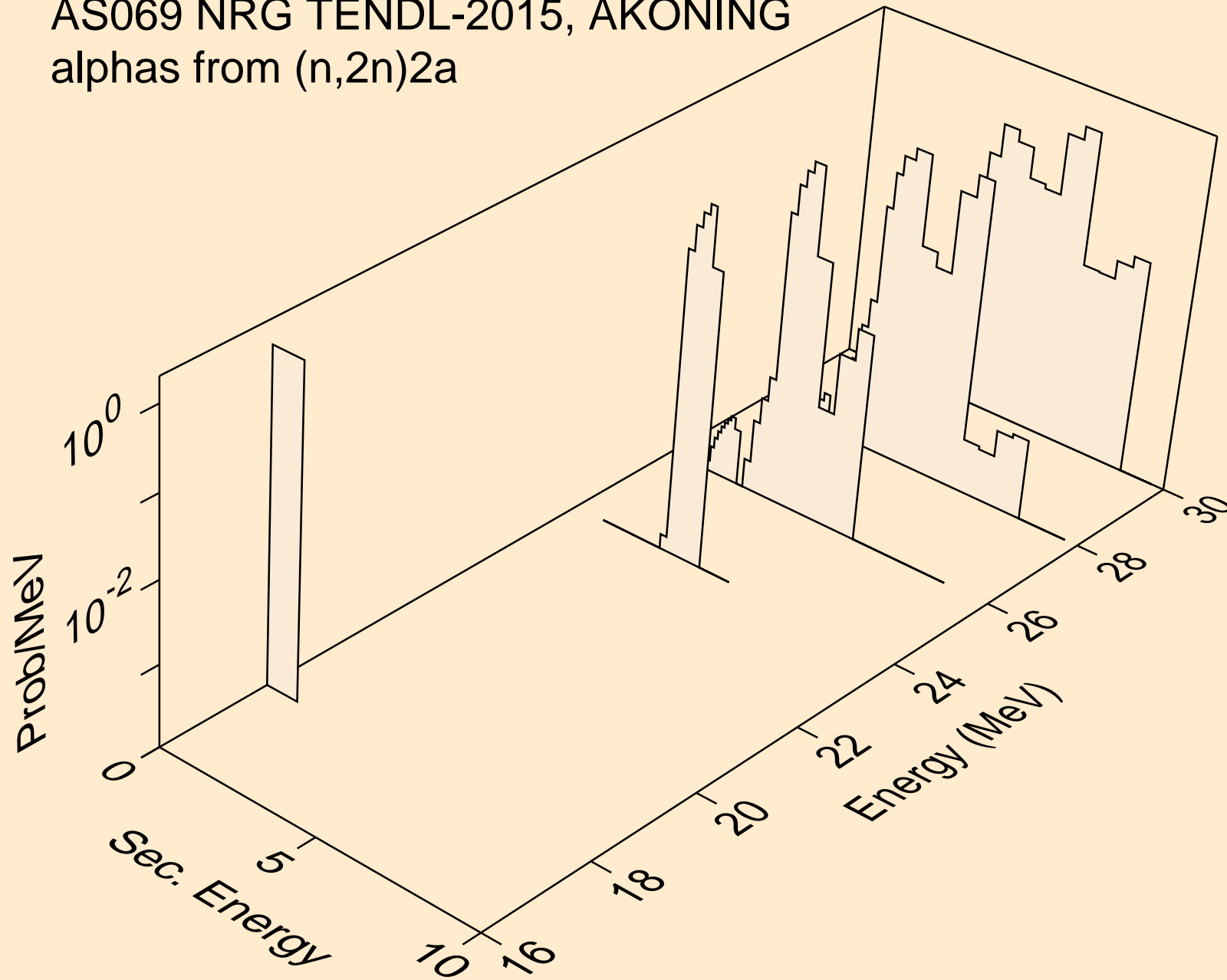
AS069 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



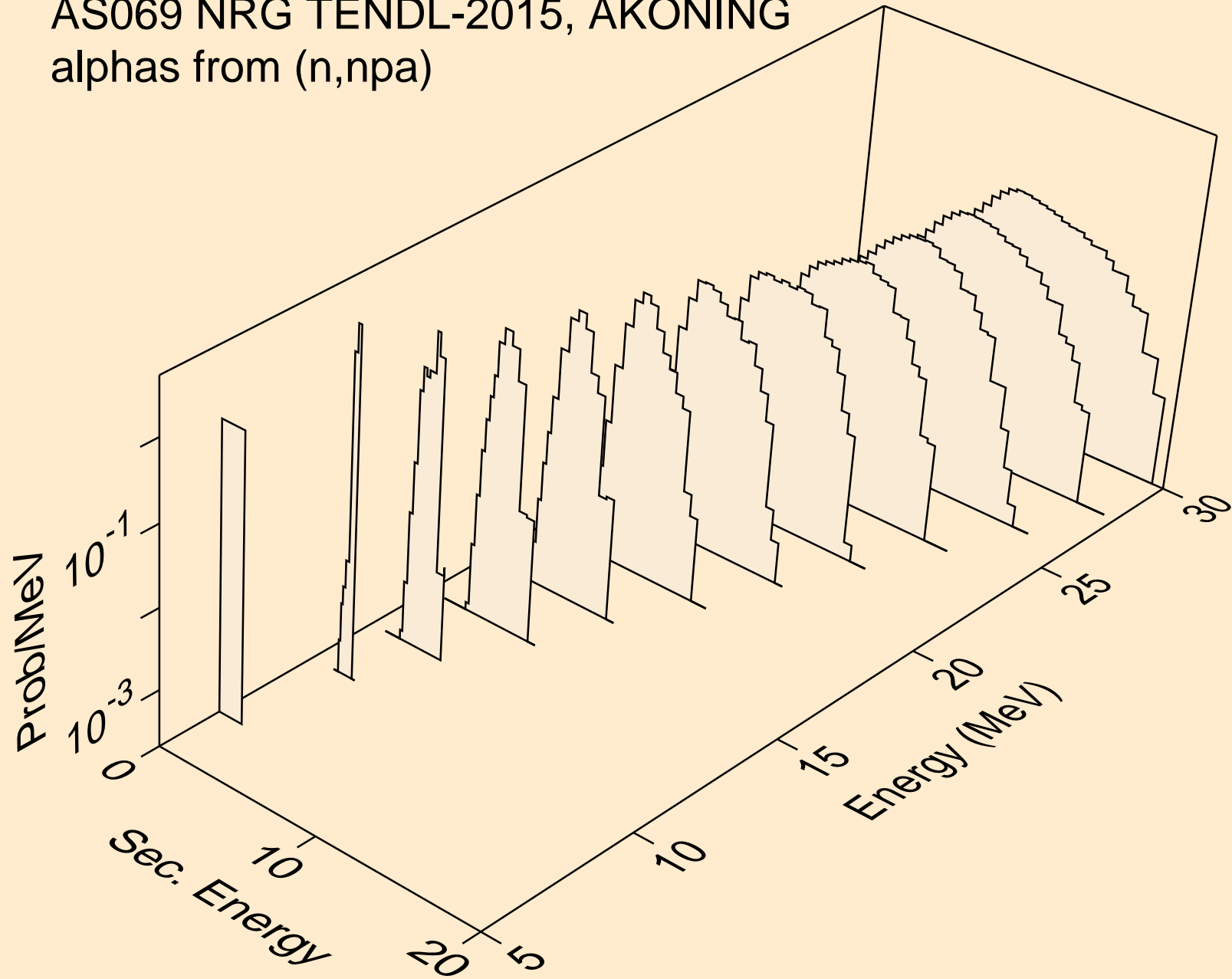
AS069 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



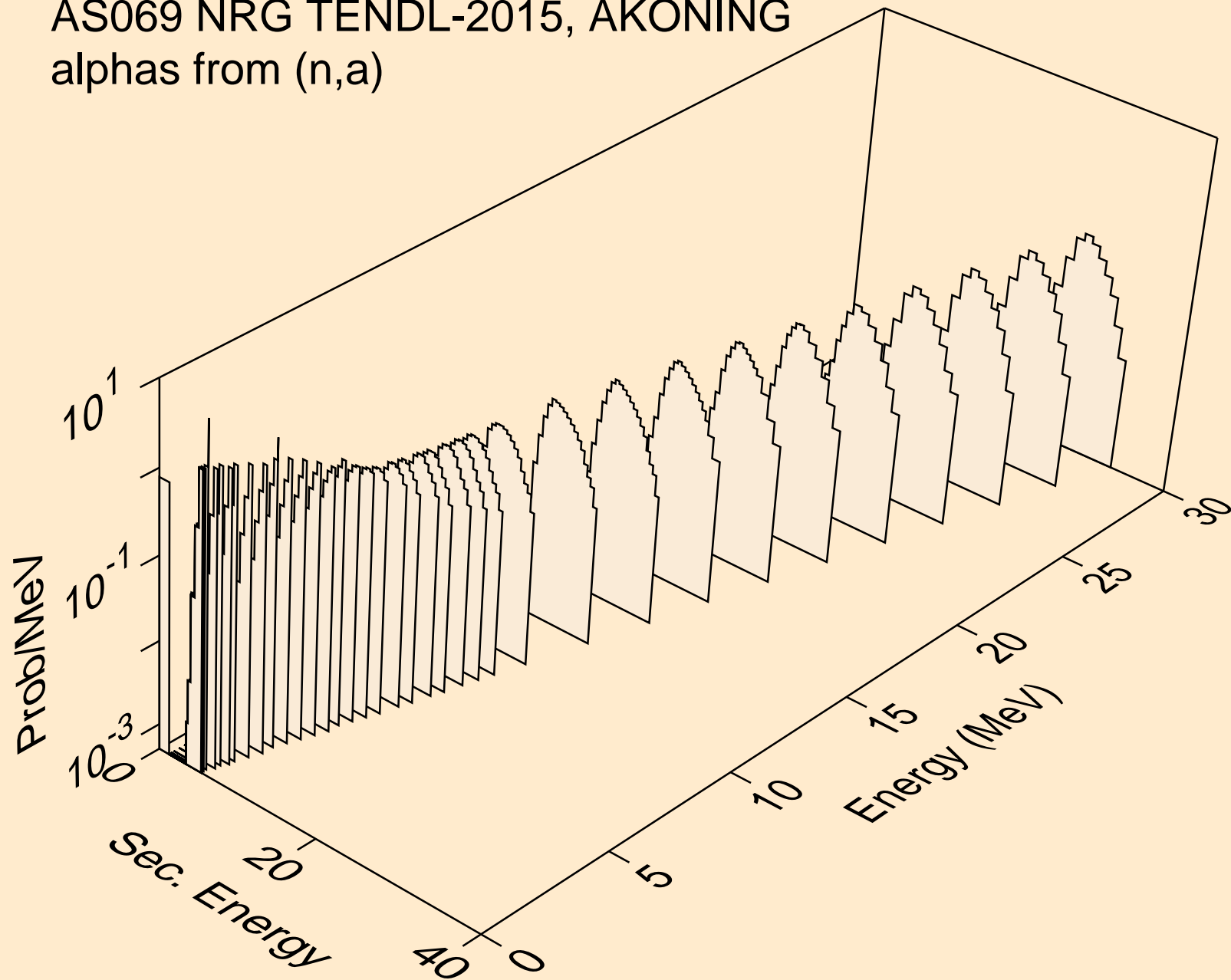
AS069 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



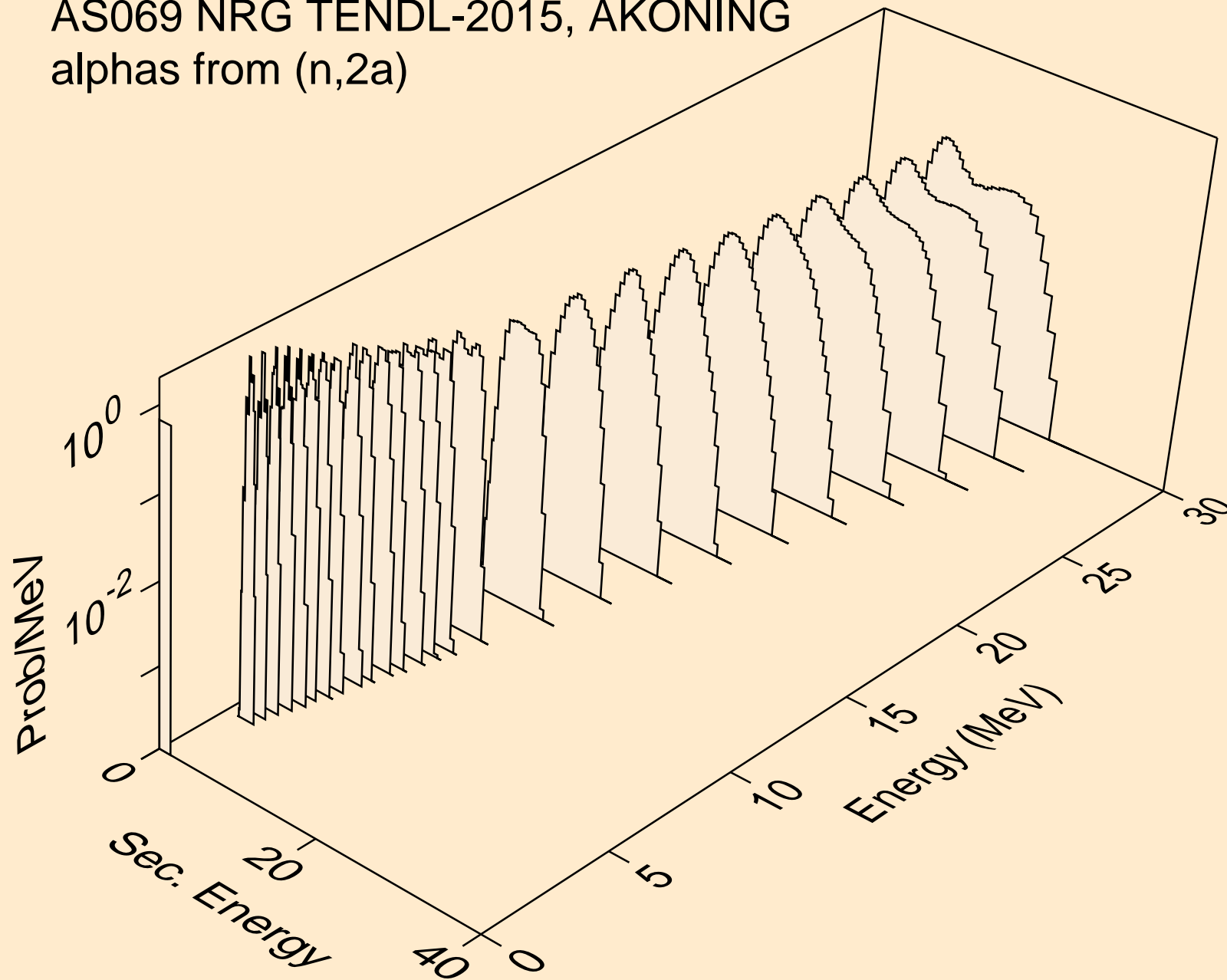
AS069 NRG TENDL-2015, AKONING  
alphas from (n,npa)



AS069 NRG TENDL-2015, AKONING  
alphas from (n,a)

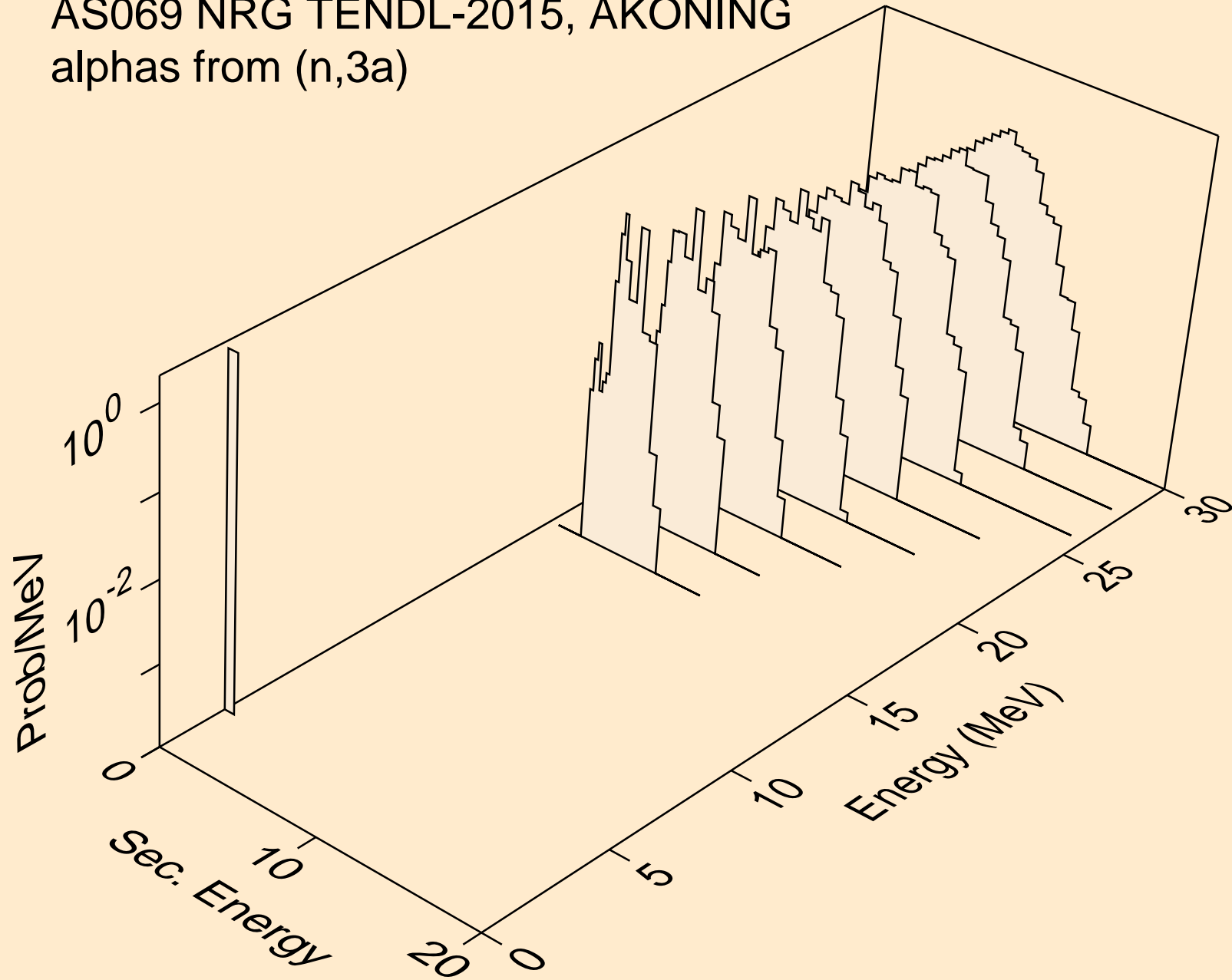


AS069 NRG TENDL-2015, AKONING  
alphas from (n,2a)

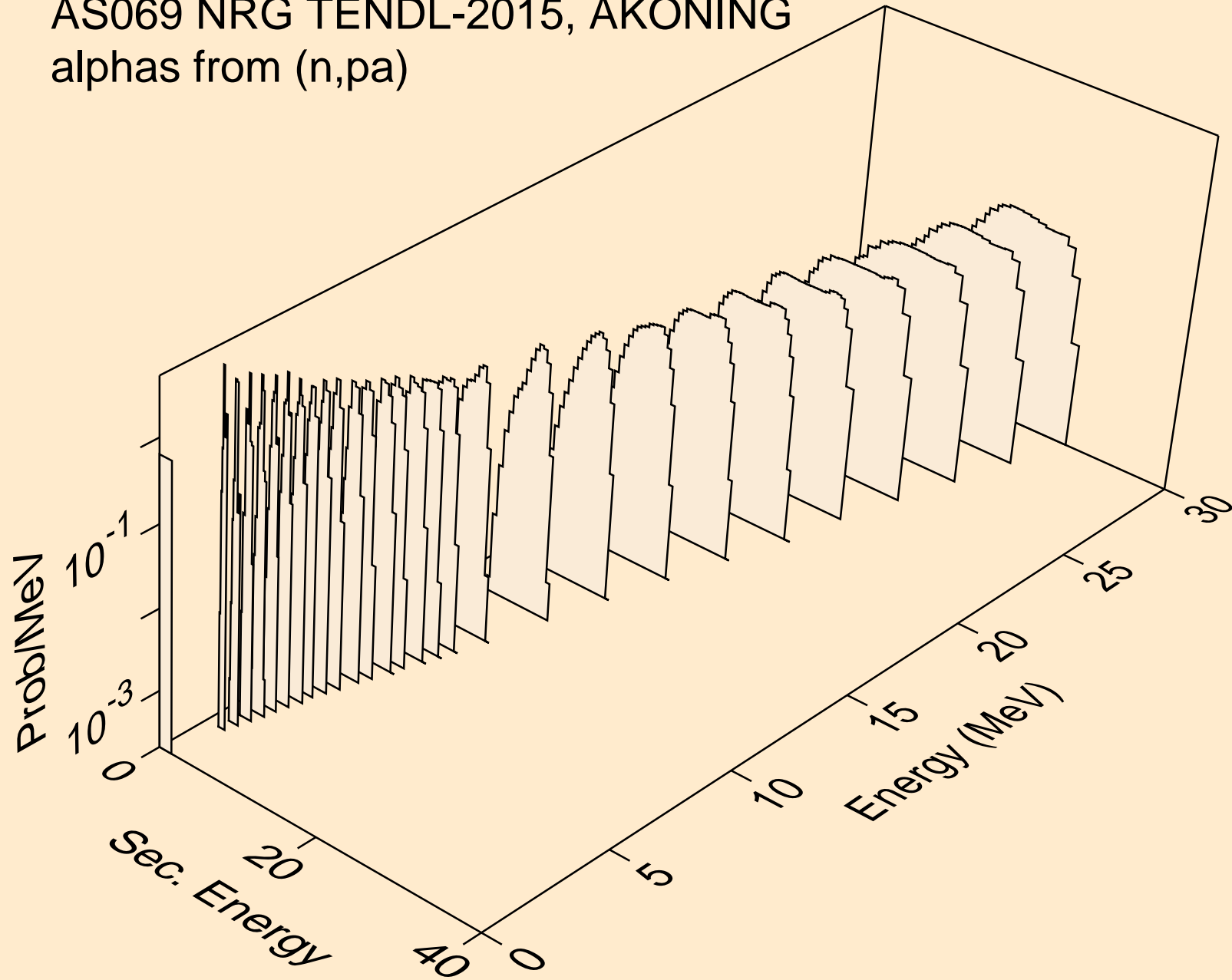




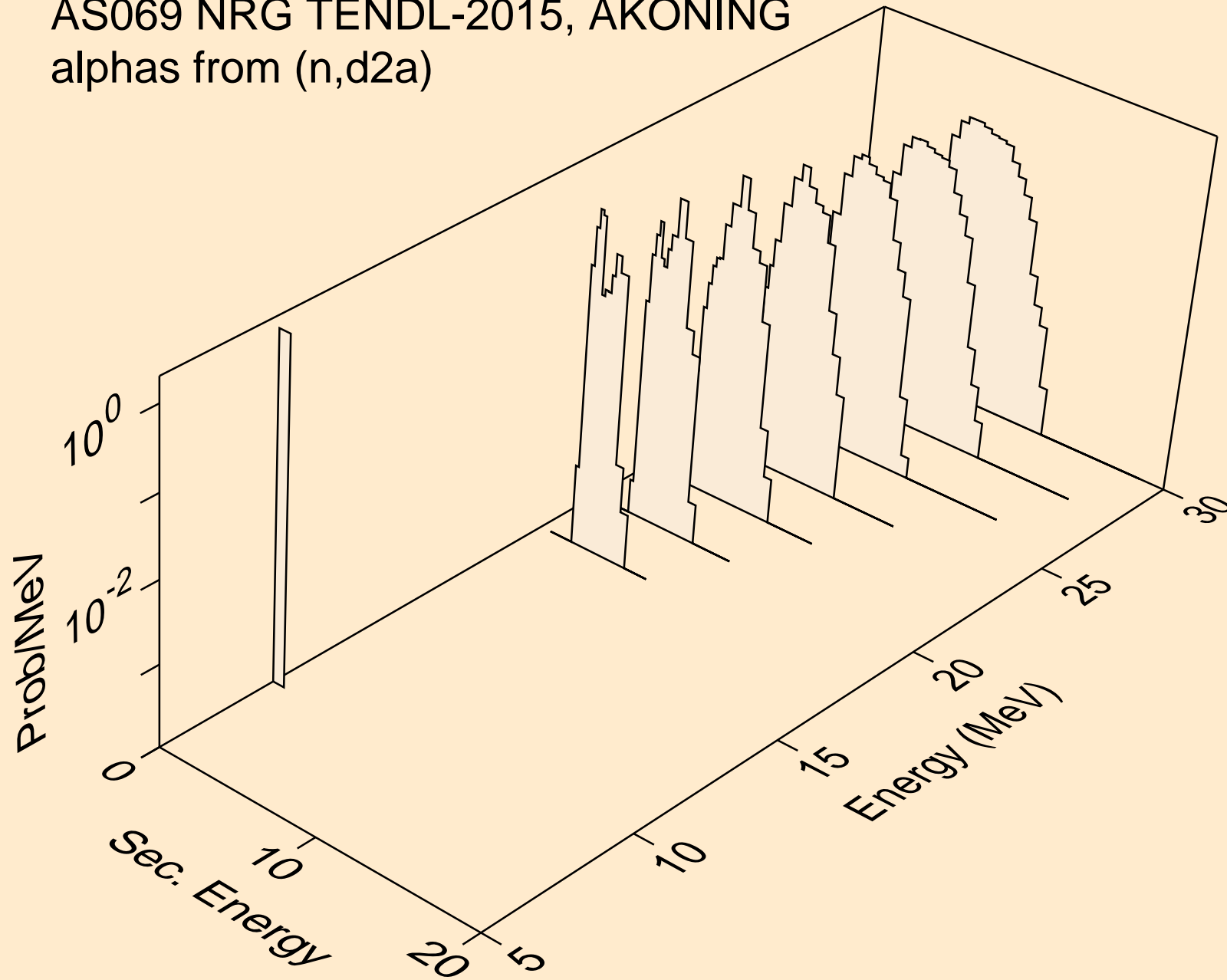
AS069 NRG TENDL-2015, AKONING  
alphas from (n,3a)



AS069 NRG TENDL-2015, AKONING  
alphas from (n,pa)



AS069 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



AS069 NRG TENDL-2015, AKONING  
alphas from (n,da)

