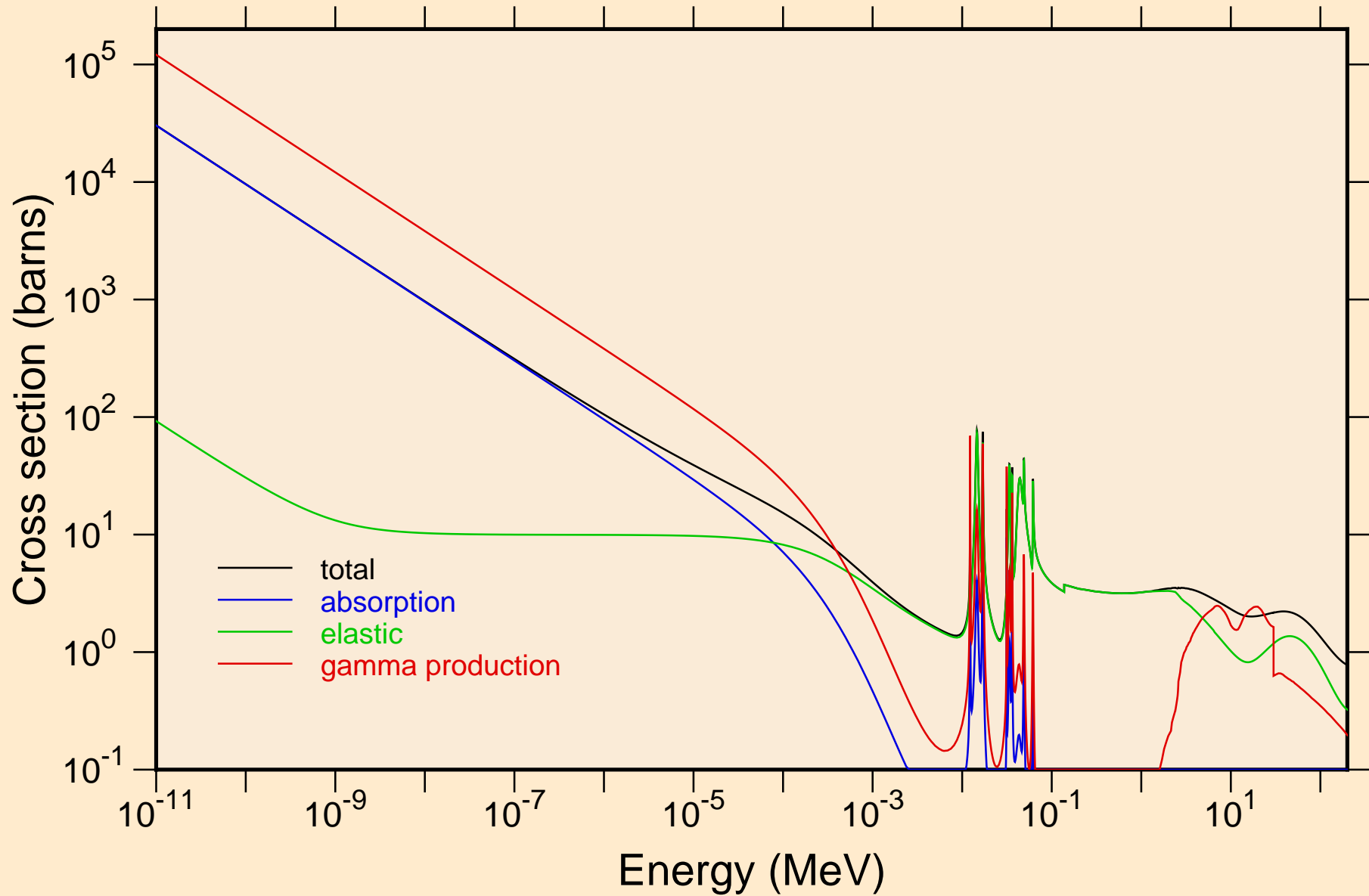
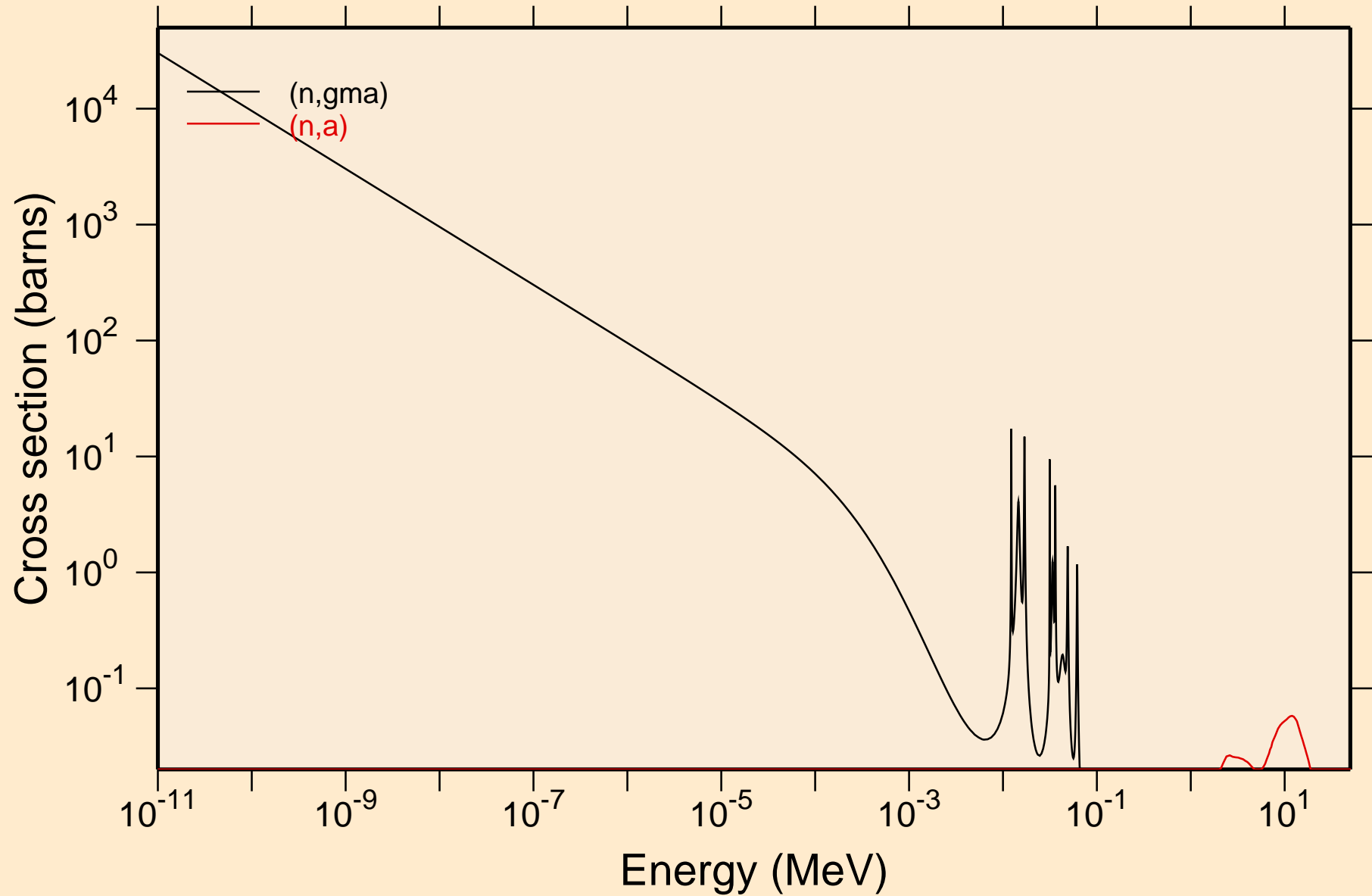


# AR039 NRG TENDL-2015, AKONING

## Principal cross sections

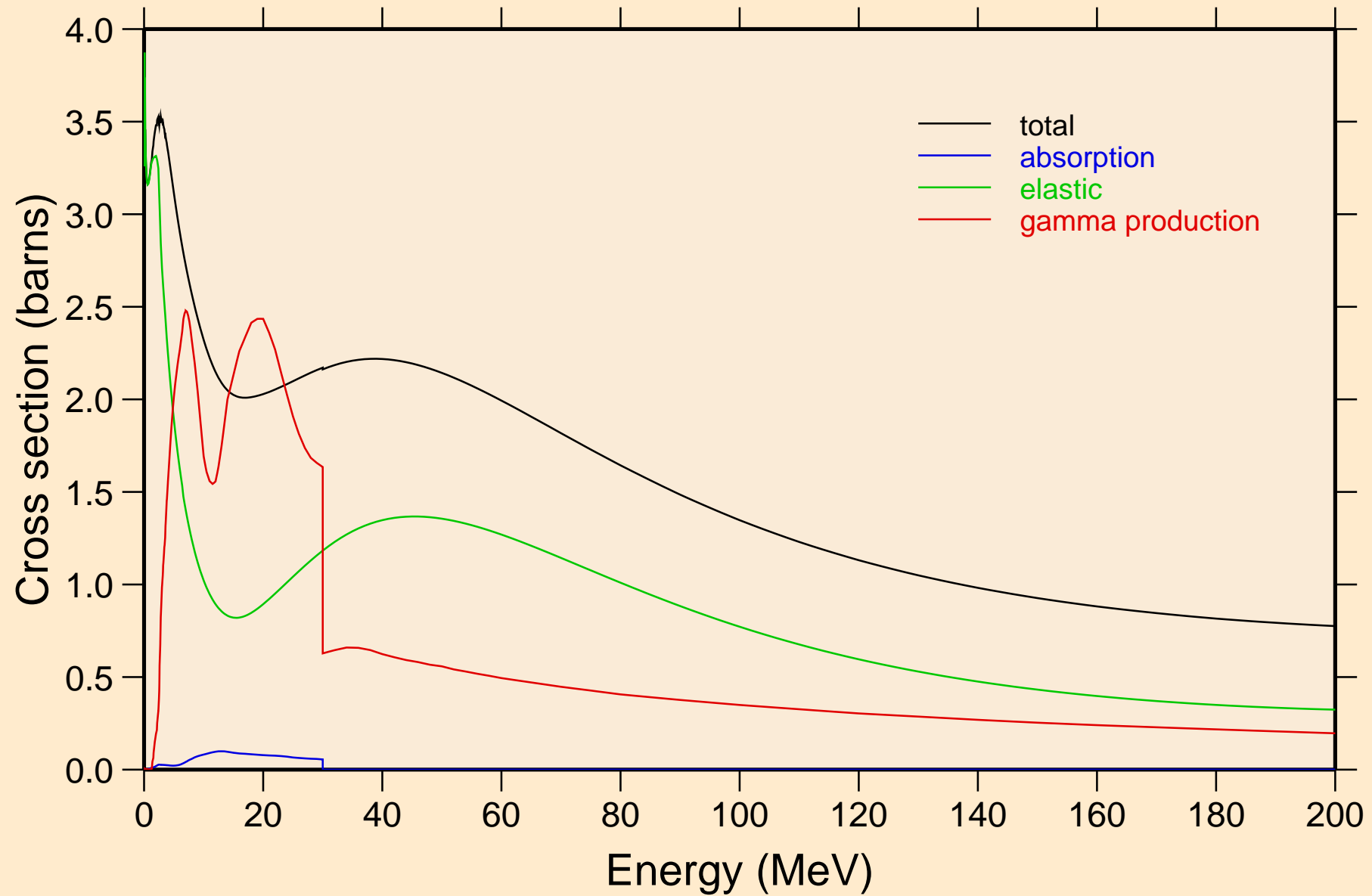


AR039 NRG TENDL-2015, AKONING  
Non-threshold reactions

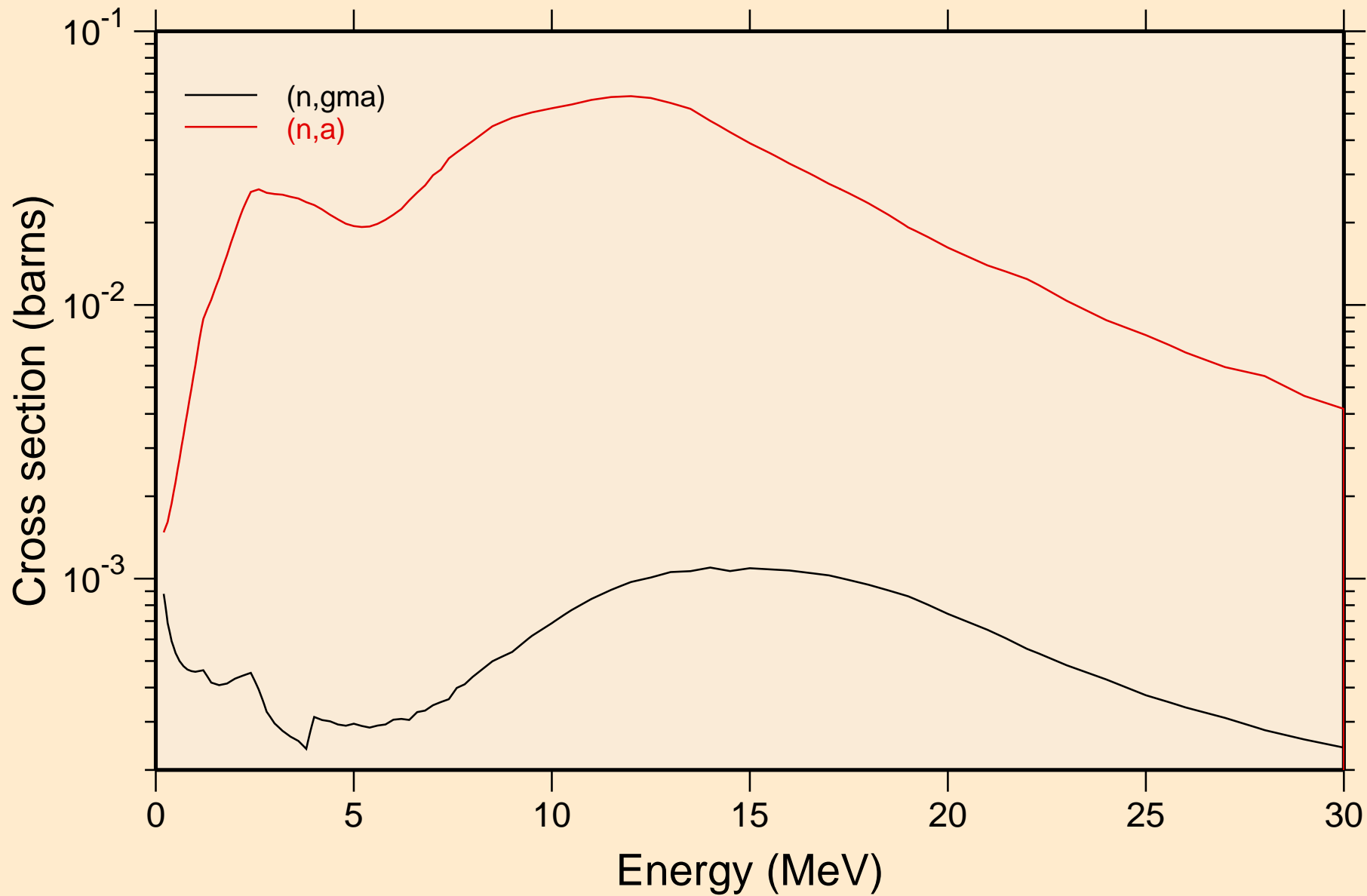


# AR039 NRG TENDL-2015, AKONING

## Principal cross sections

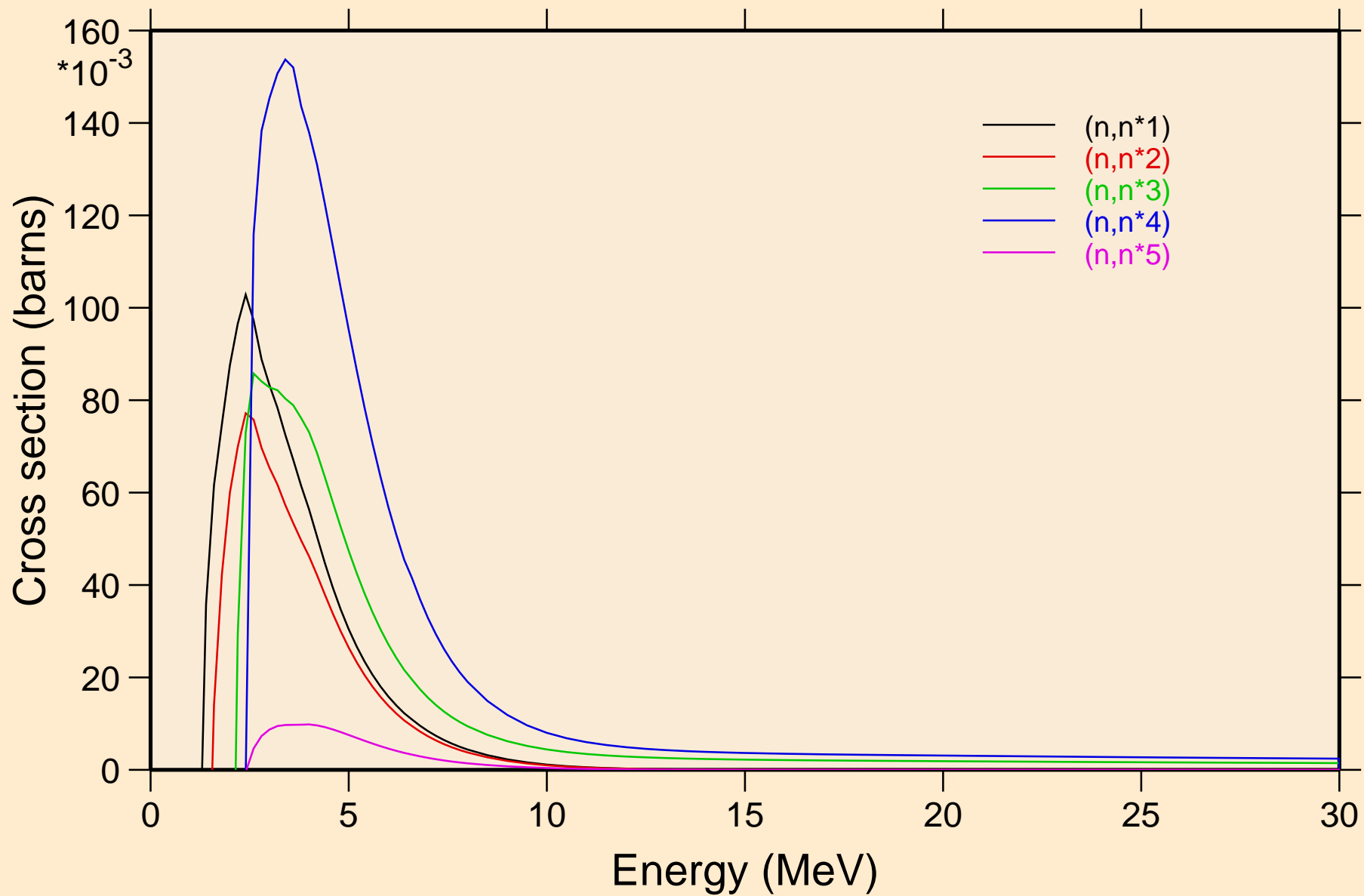


AR039 NRG TENDL-2015, AKONING  
Non-threshold reactions



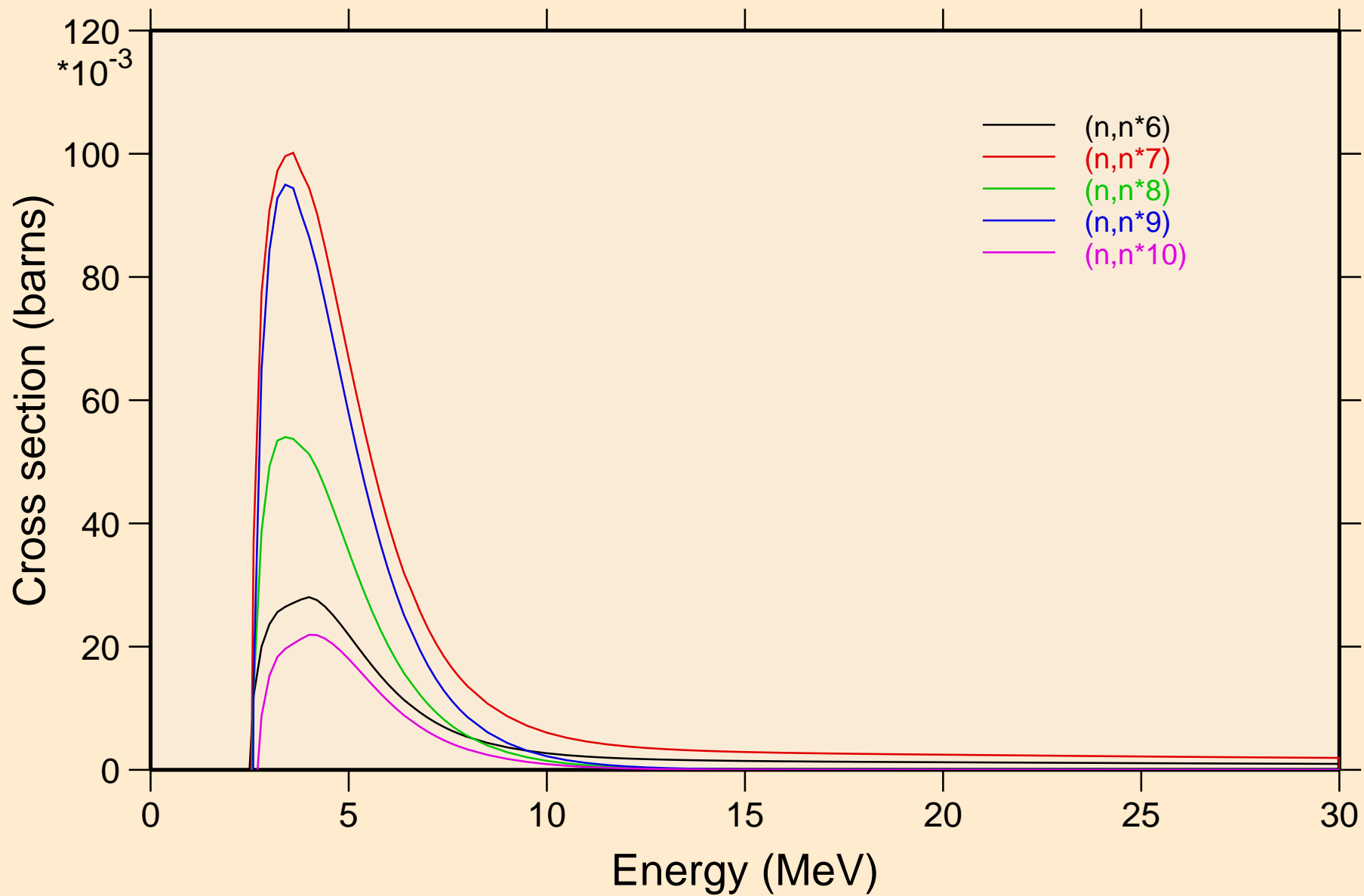
# AR039 NRG TENDL-2015, AKONING

## Inelastic levels



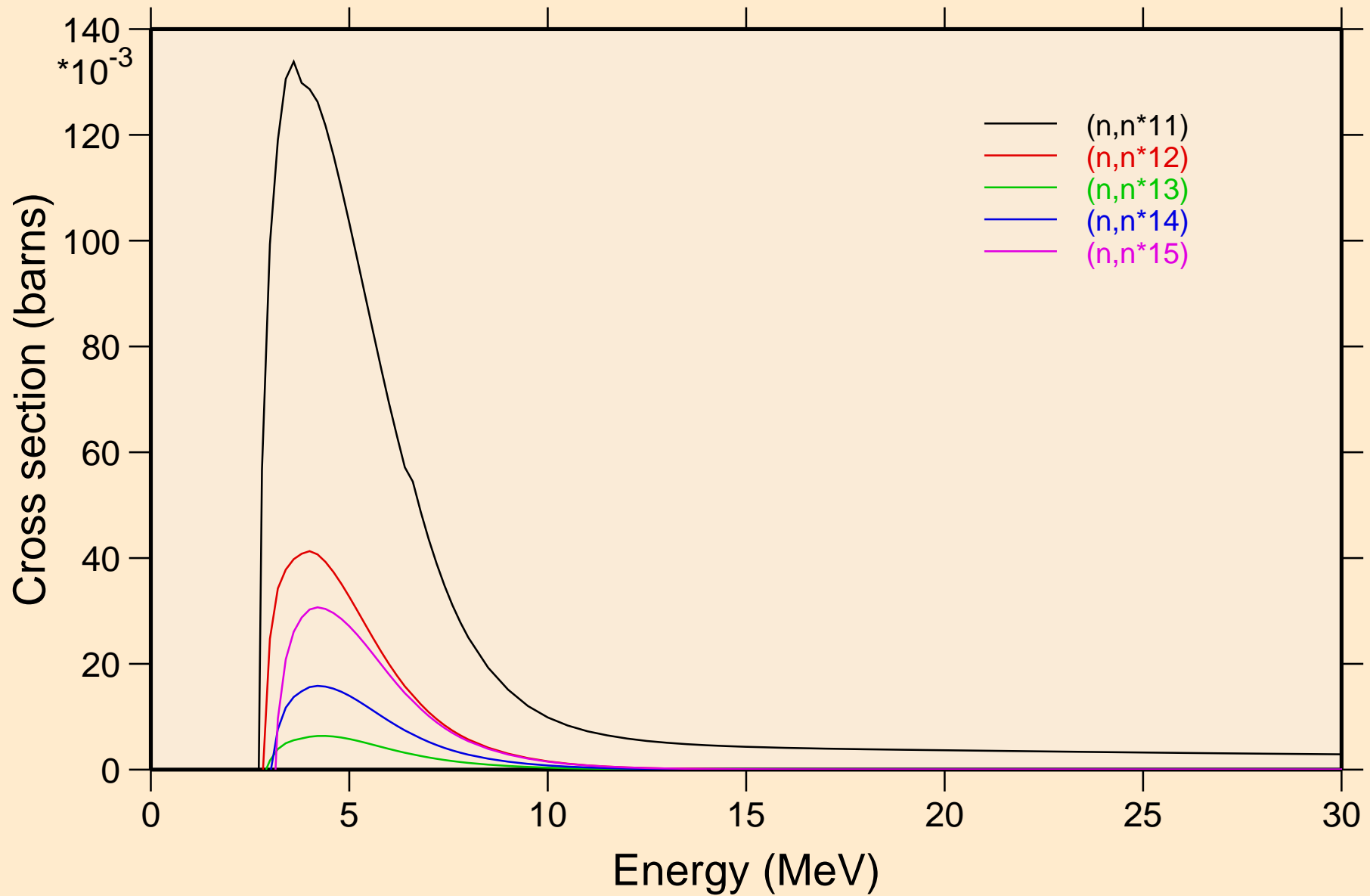
# AR039 NRG TENDL-2015, AKONING

## Inelastic levels



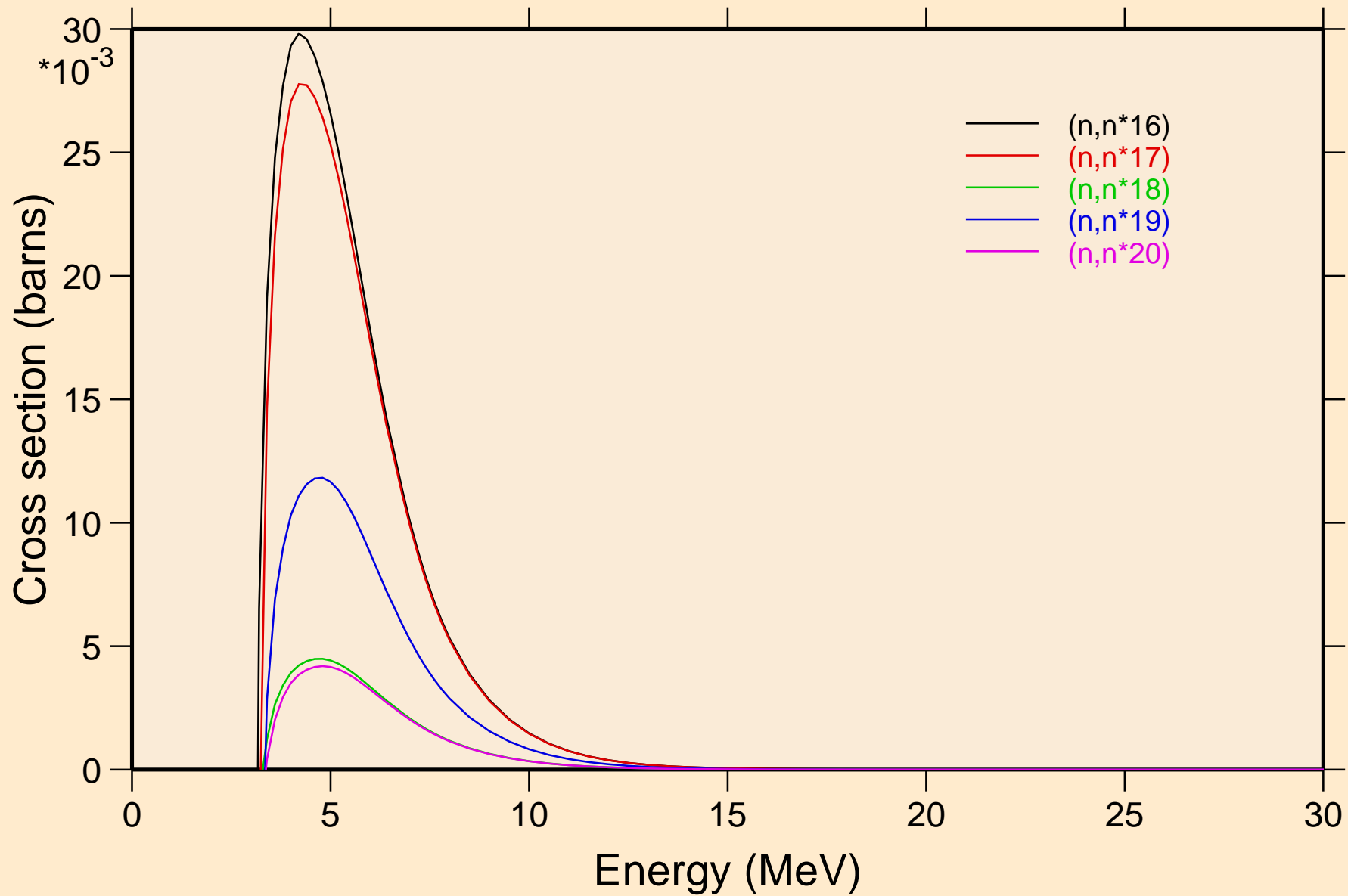
# AR039 NRG TENDL-2015, AKONING

## Inelastic levels



# AR039 NRG TENDL-2015, AKONING

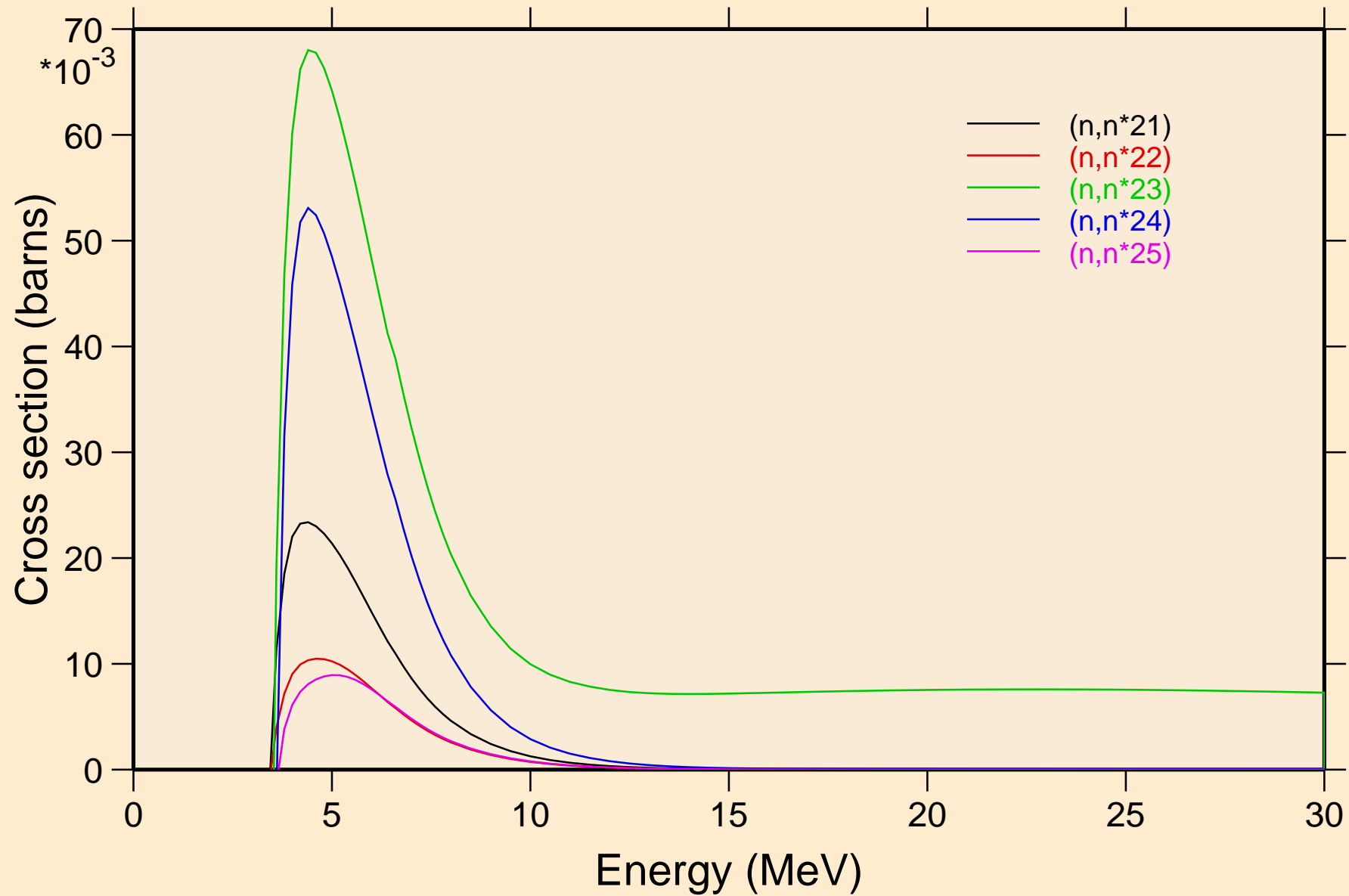
## Inelastic levels





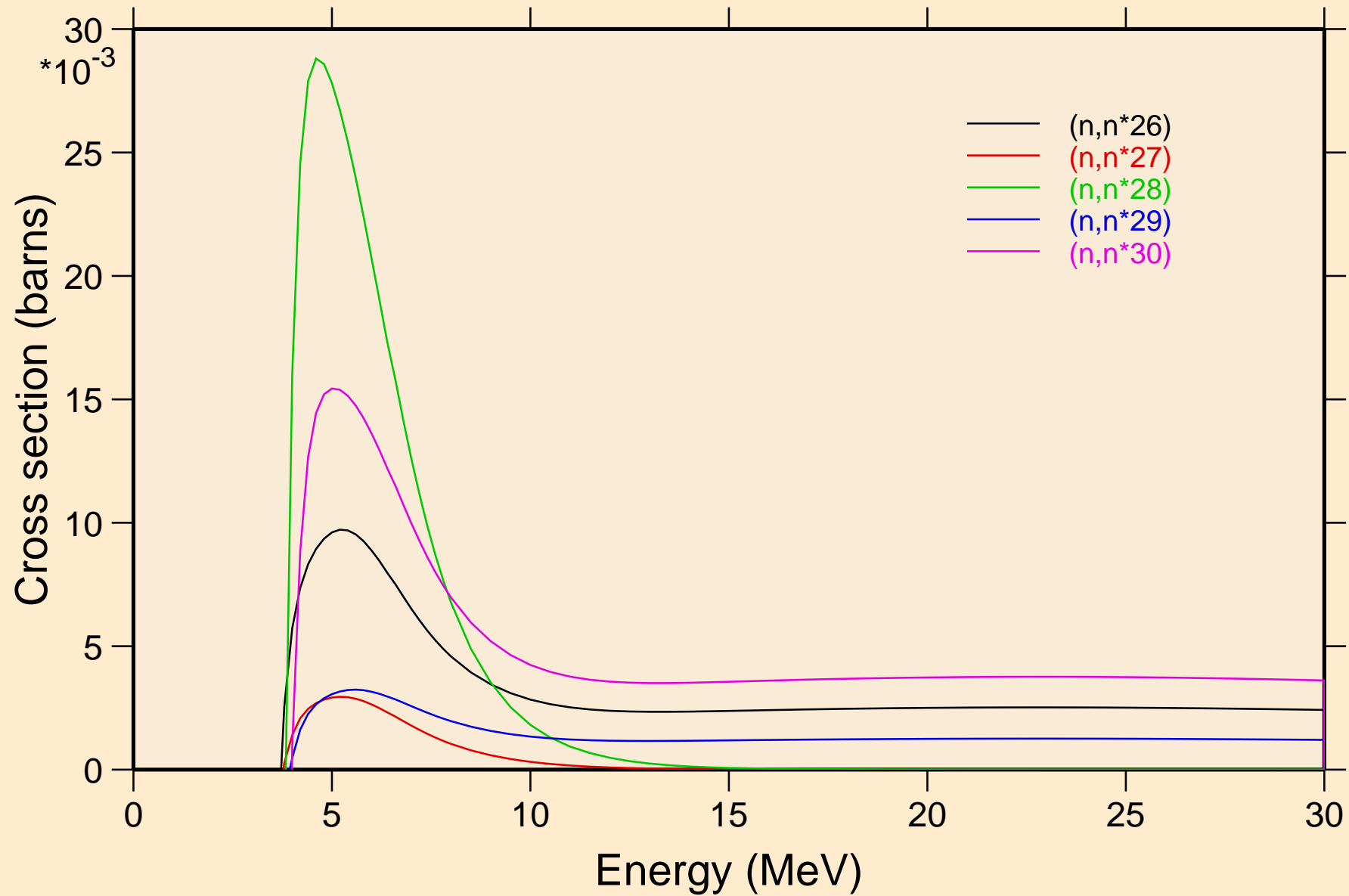
# AR039 NRG TENDL-2015, AKONING

## Inelastic levels



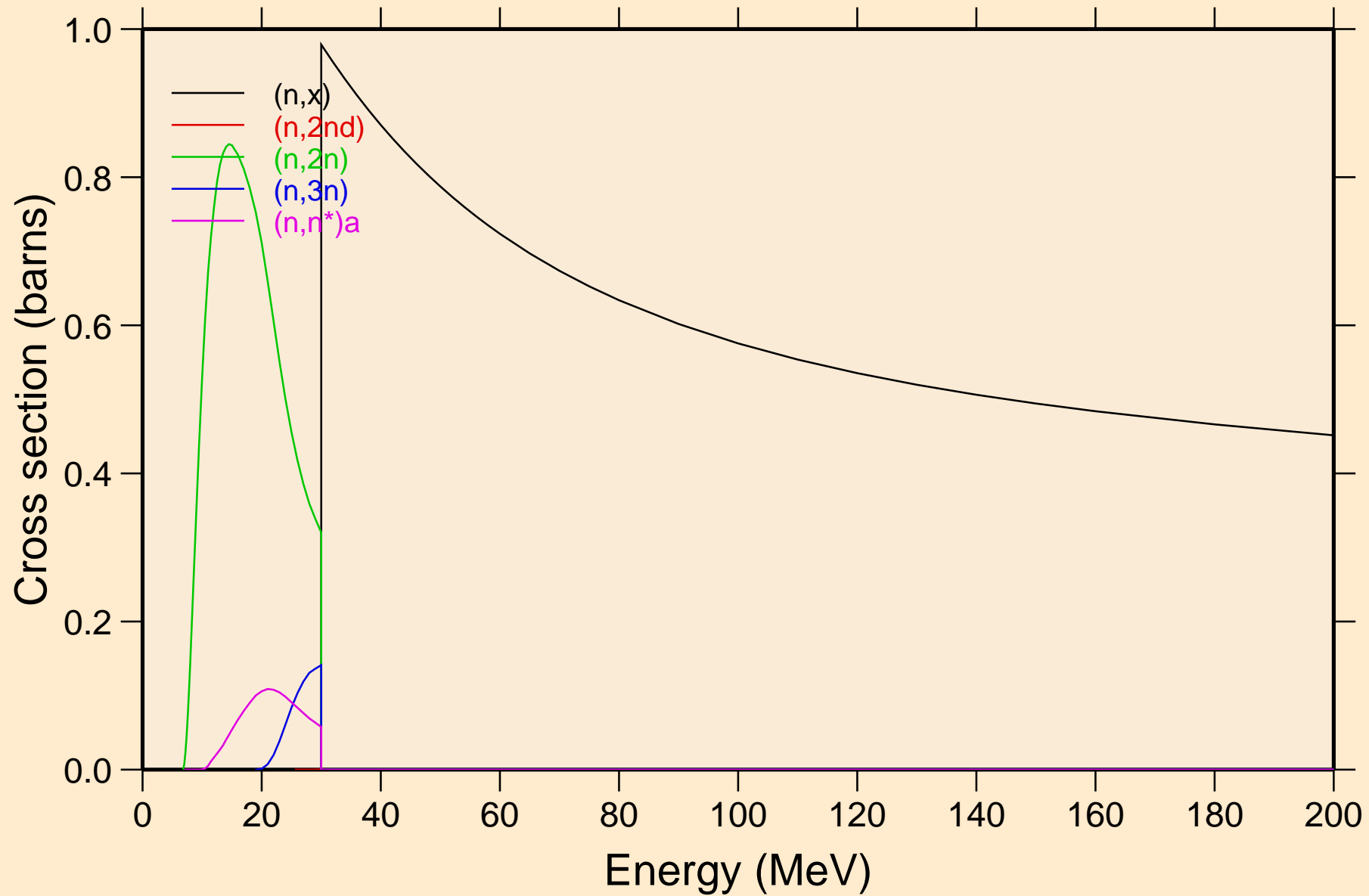
# AR039 NRG TENDL-2015, AKONING

## Inelastic levels



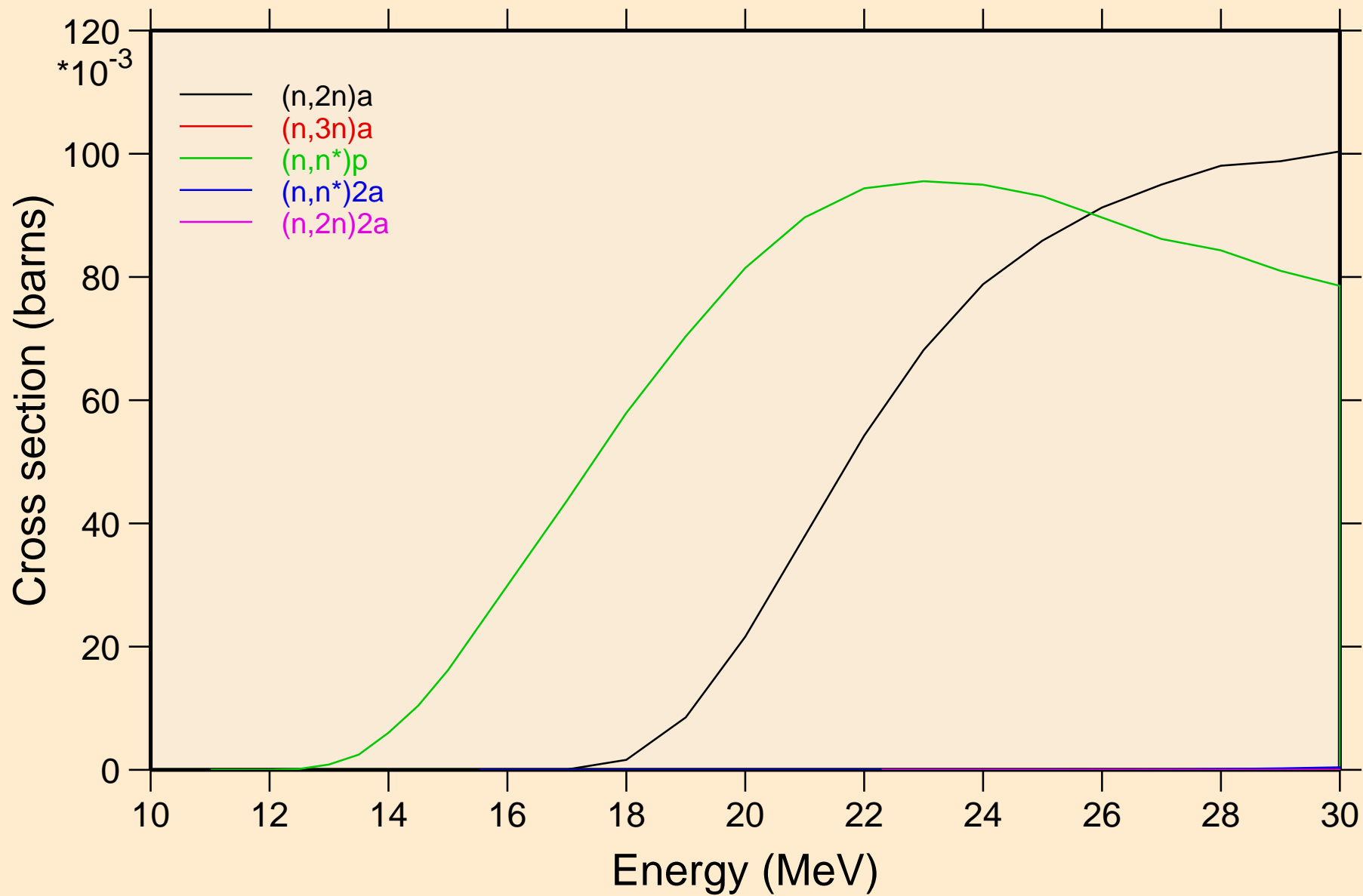
# AR039 NRG TENDL-2015, AKONING

## Threshold reactions



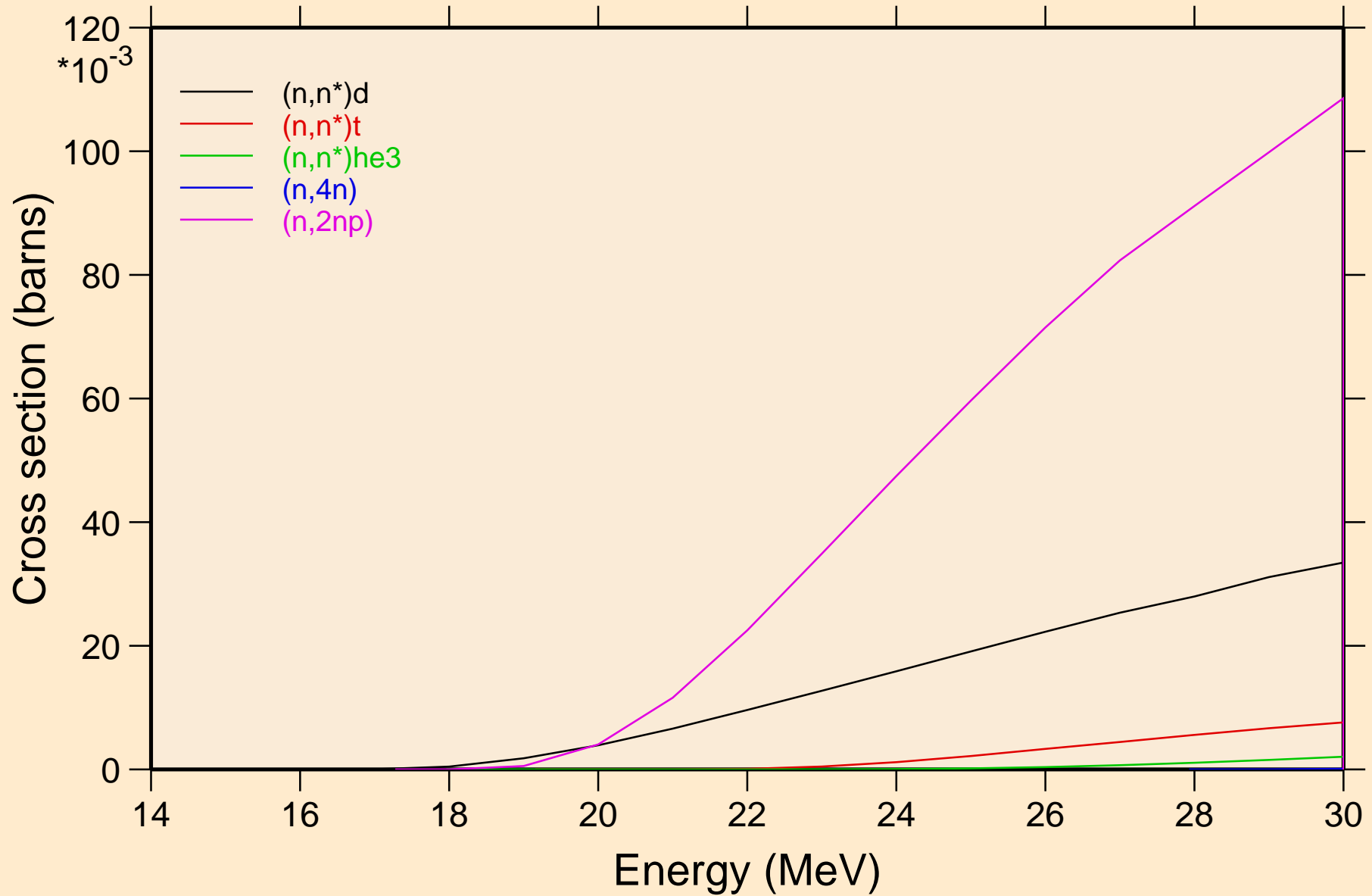
# AR039 NRG TENDL-2015, AKONING

## Threshold reactions



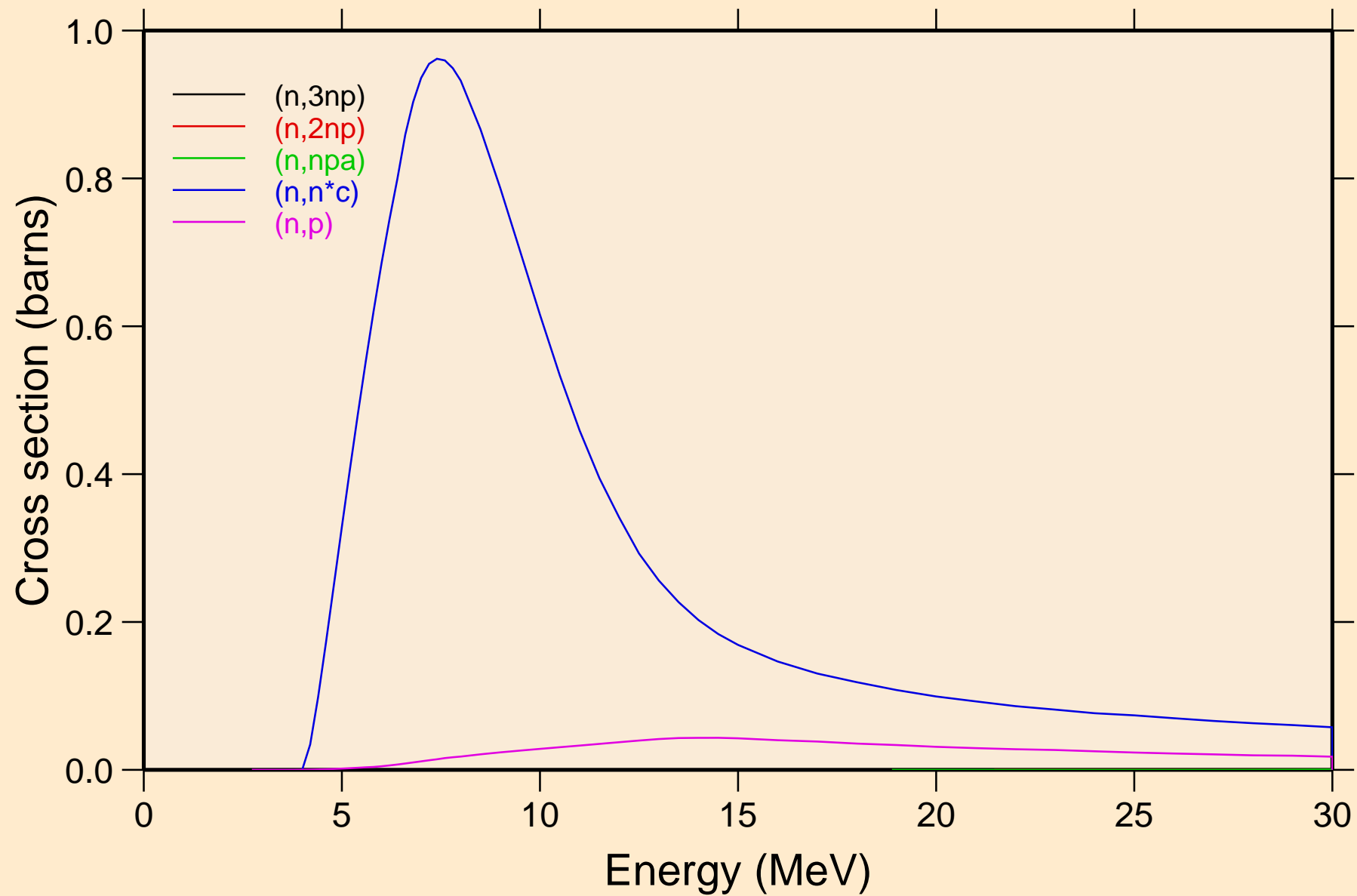
# AR039 NRG TENDL-2015, AKONING

## Threshold reactions



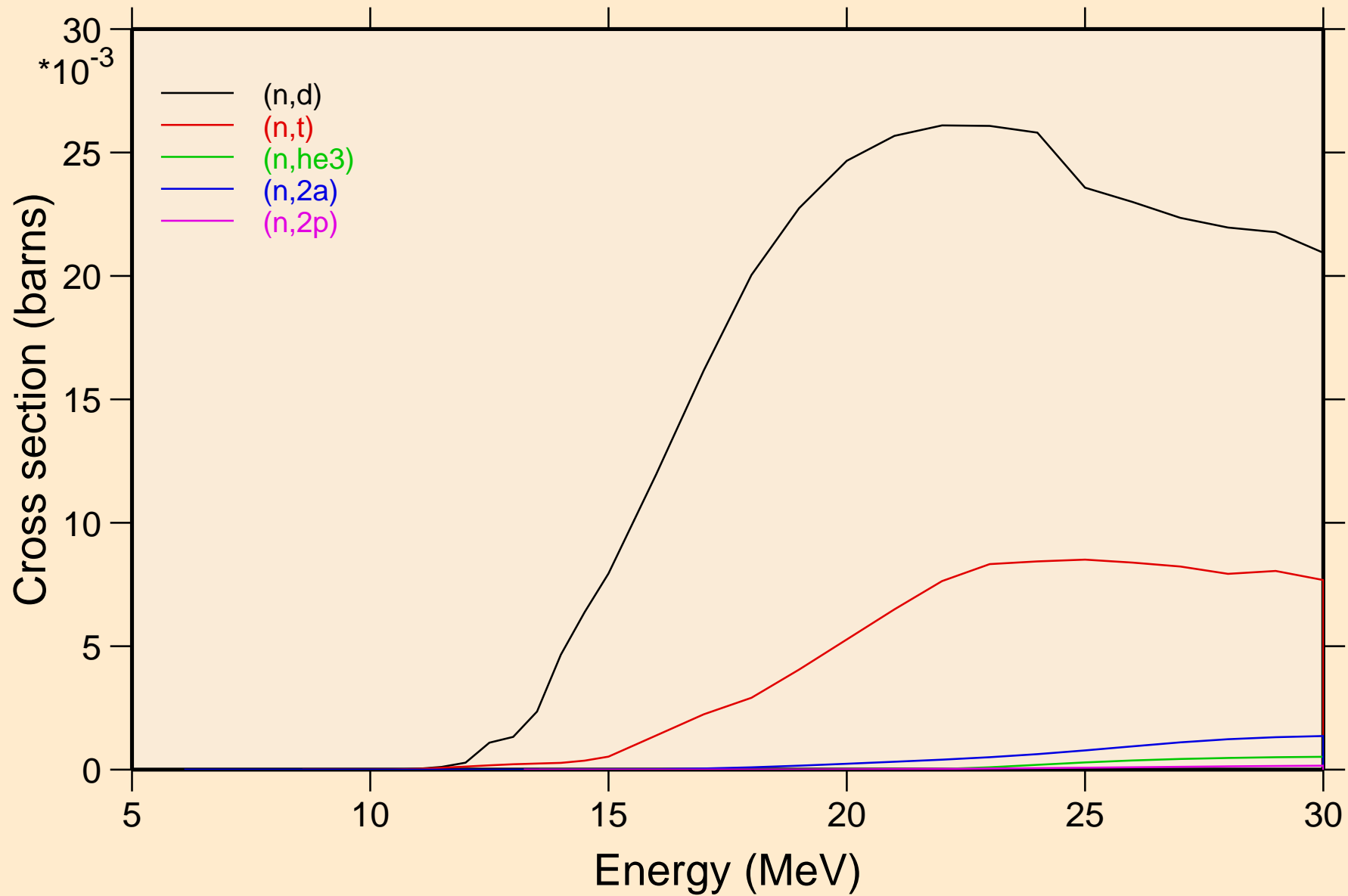
# AR039 NRG TENDL-2015, AKONING

## Threshold reactions



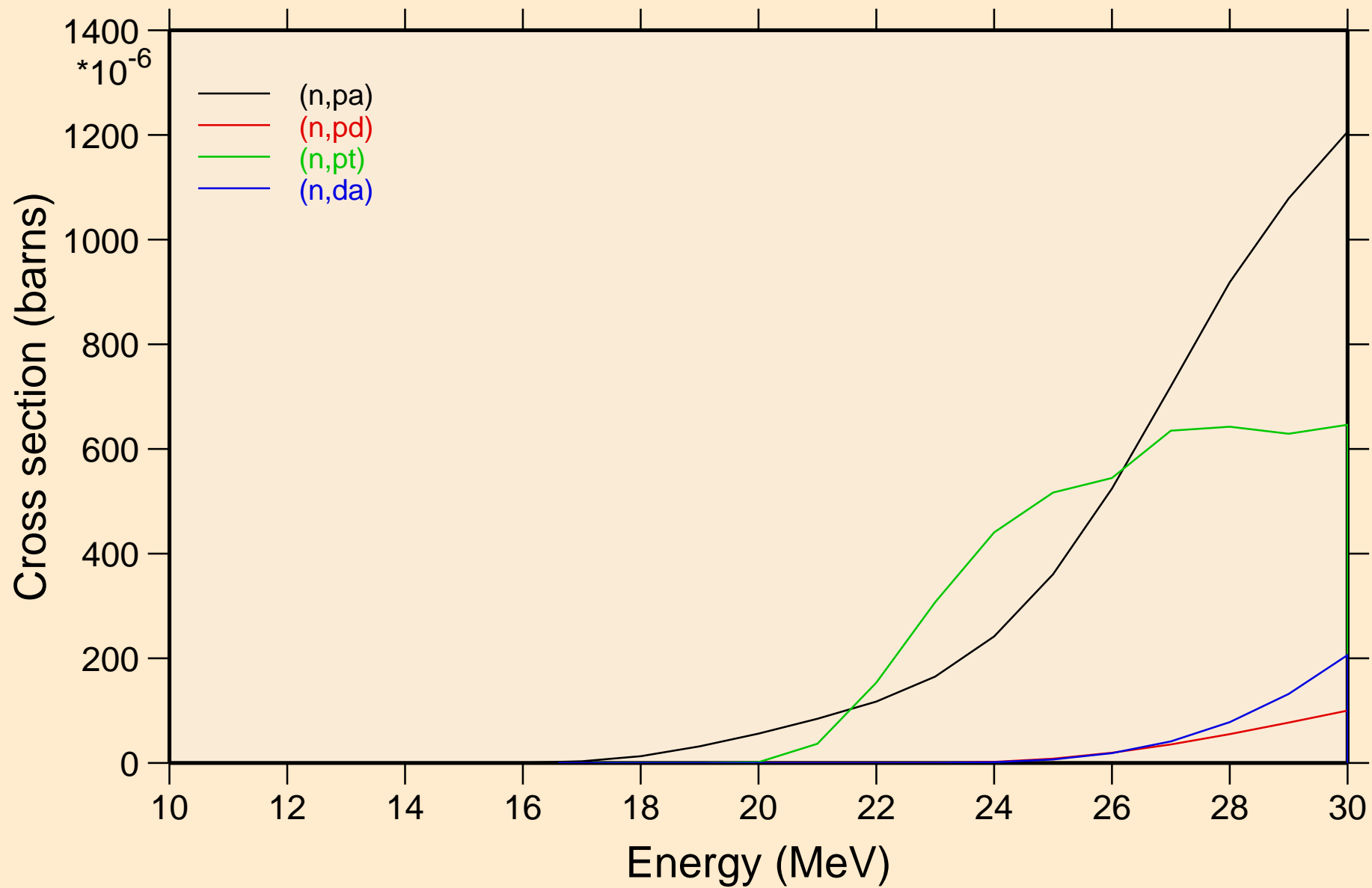
# AR039 NRG TENDL-2015, AKONING

## Threshold reactions



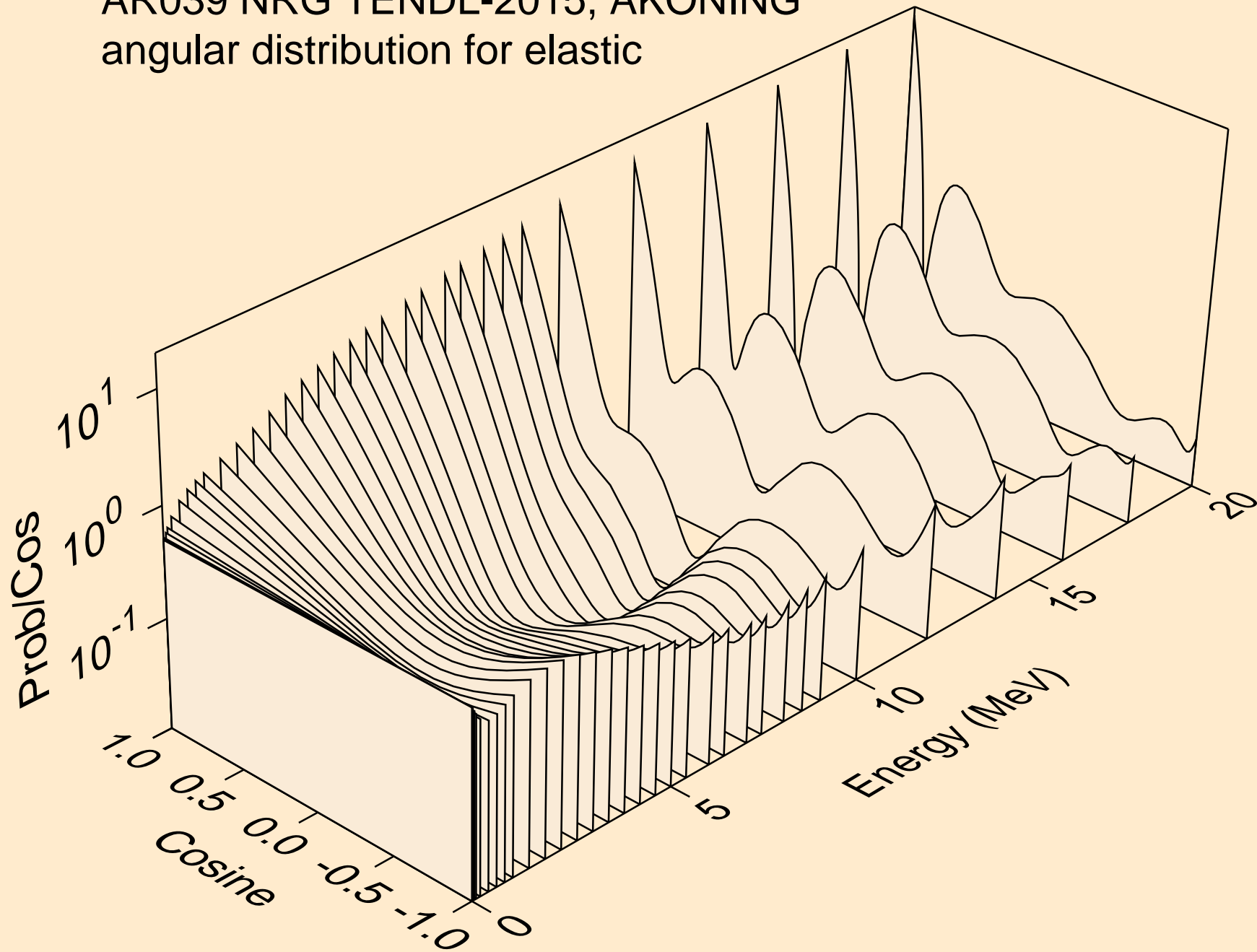
# AR039 NRG TENDL-2015, AKONING

## Threshold reactions

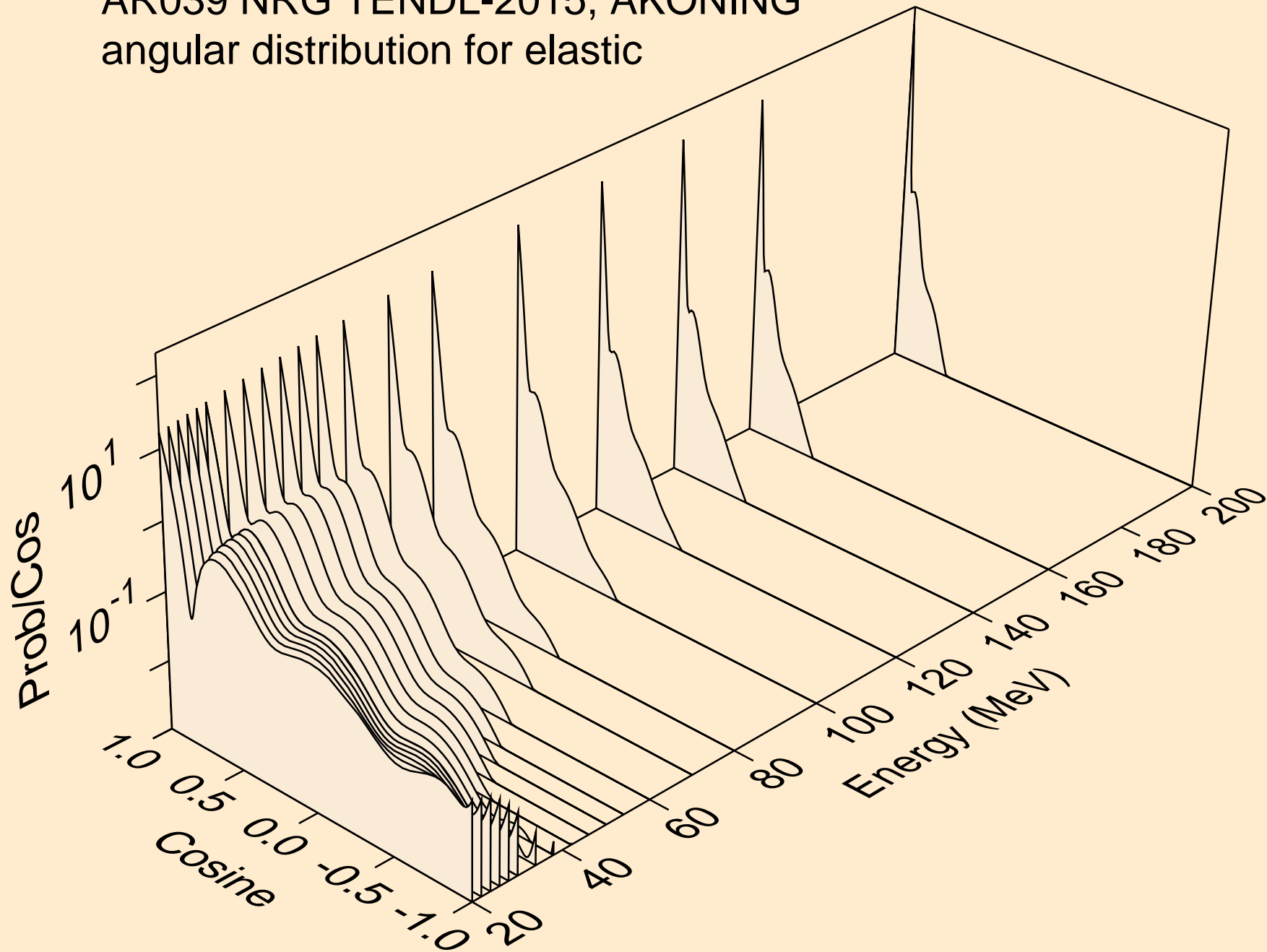




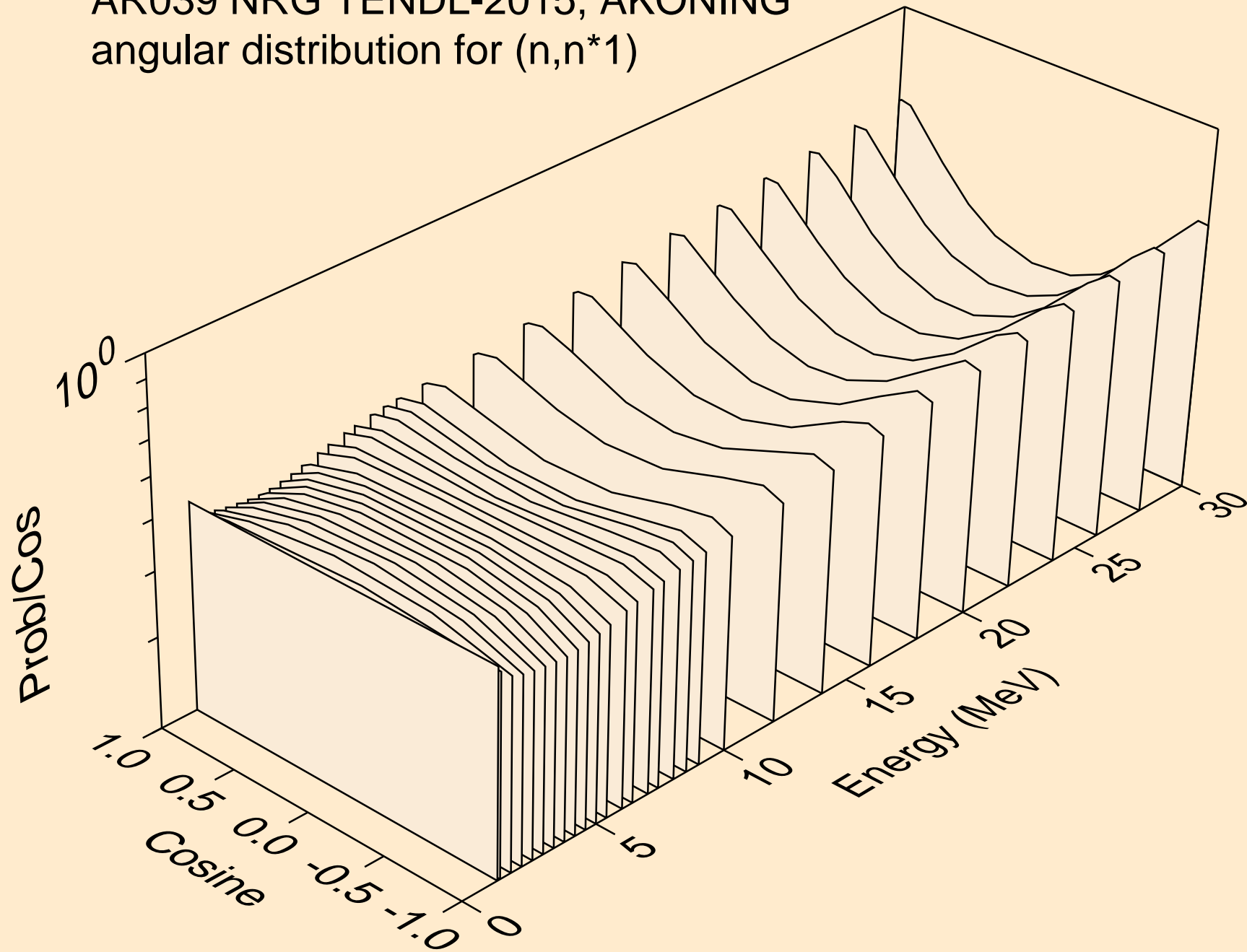
AR039 NRG TENDL-2015, AKONING  
angular distribution for elastic



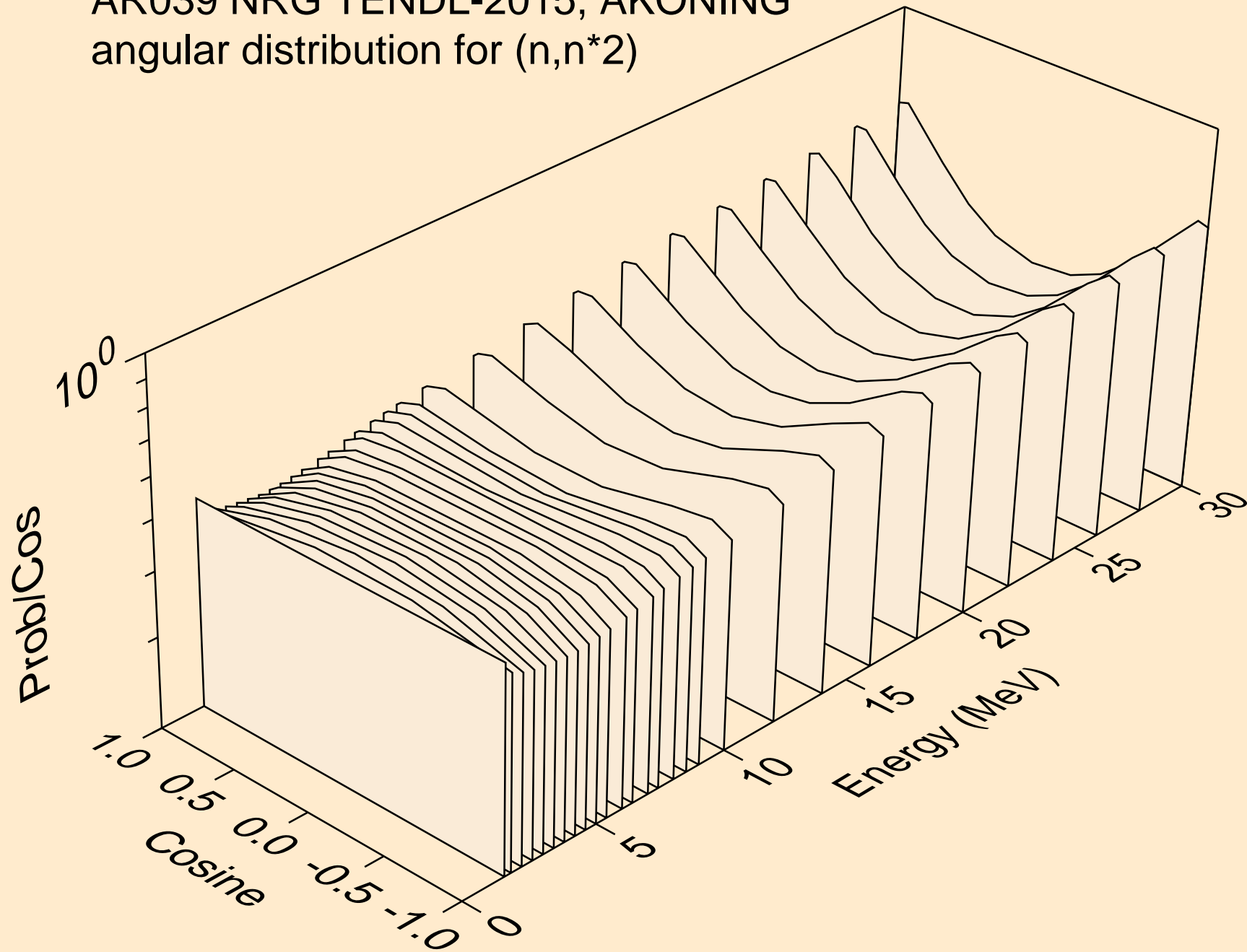
AR039 NRG TENDL-2015, AKONING  
angular distribution for elastic



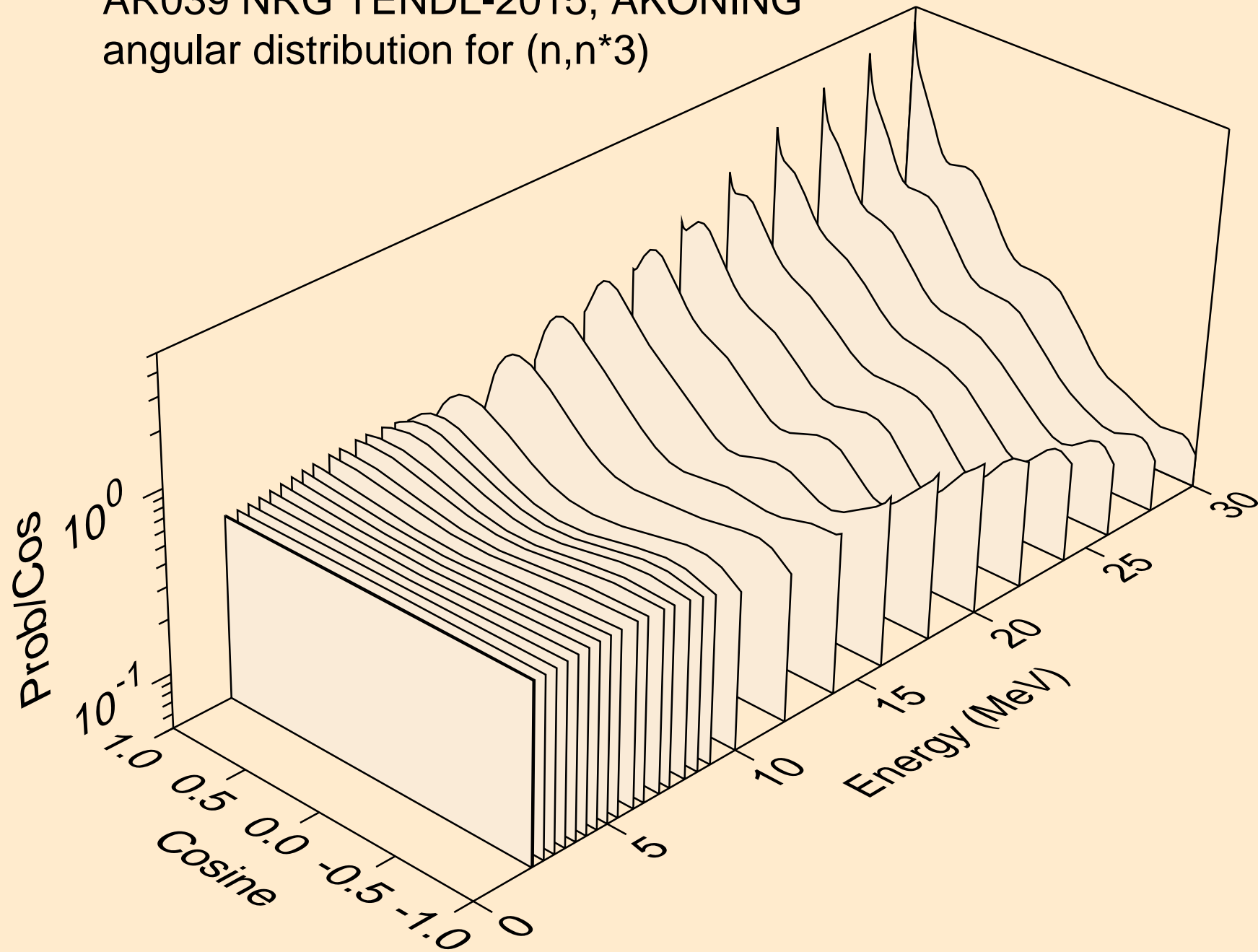
AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



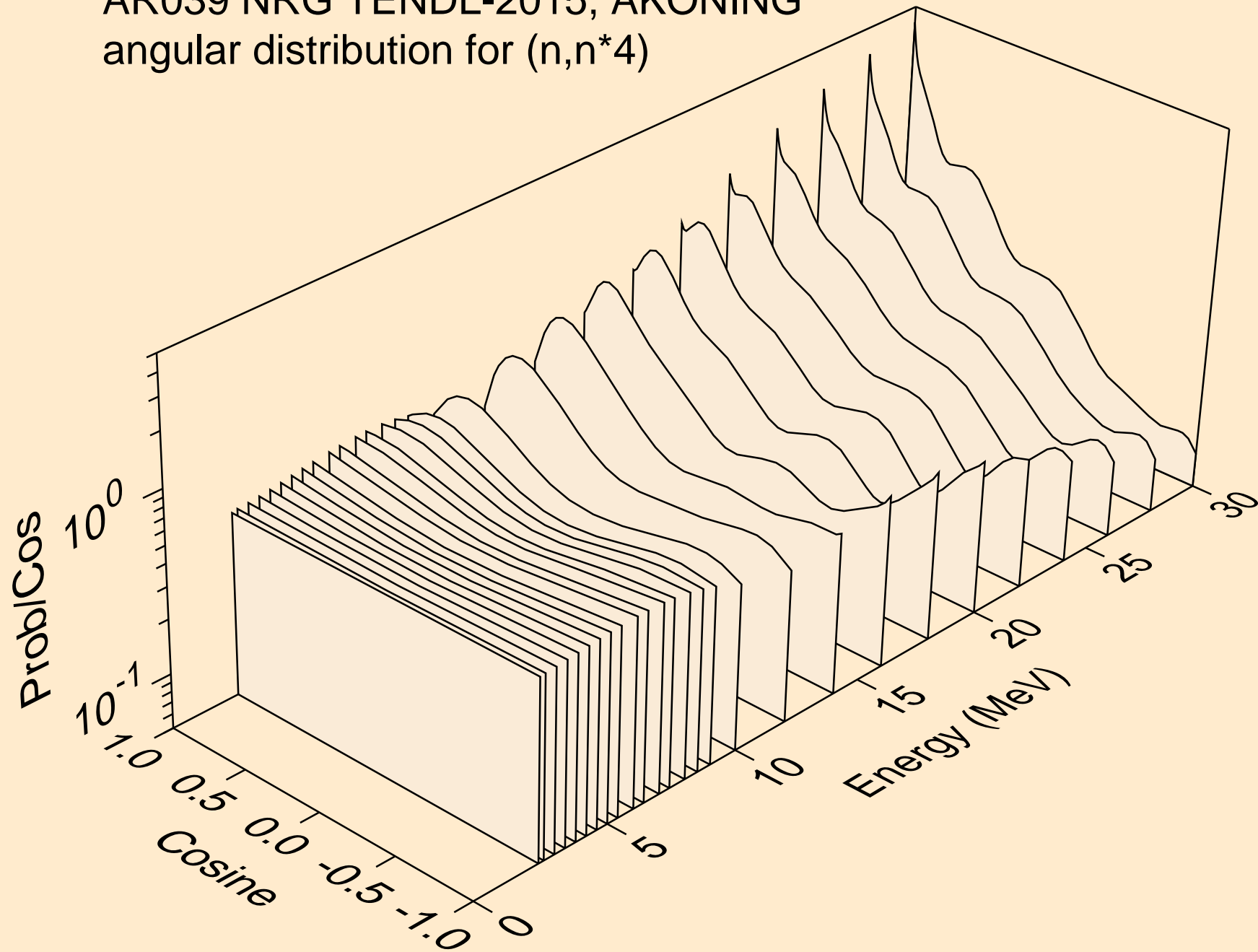
AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



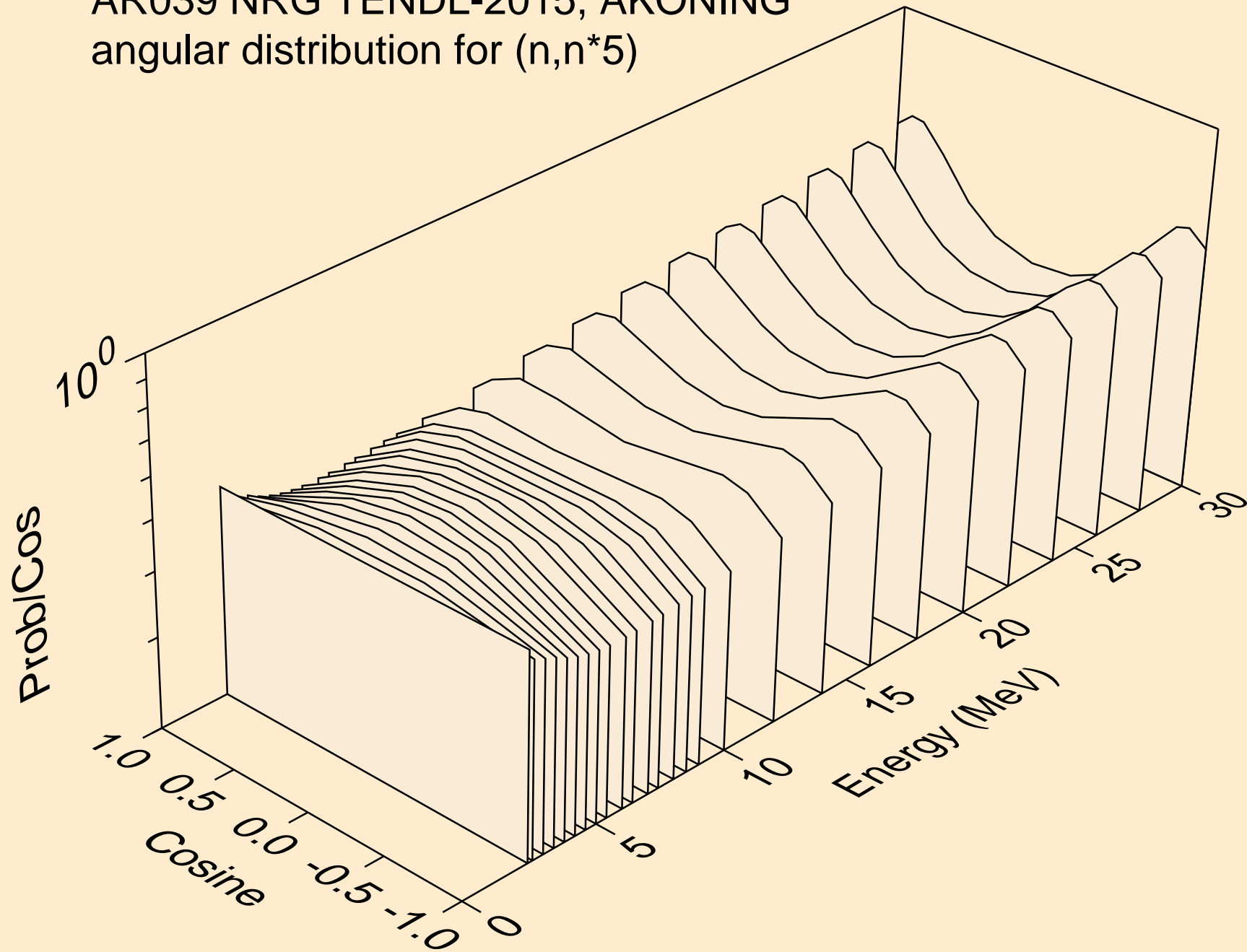
AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



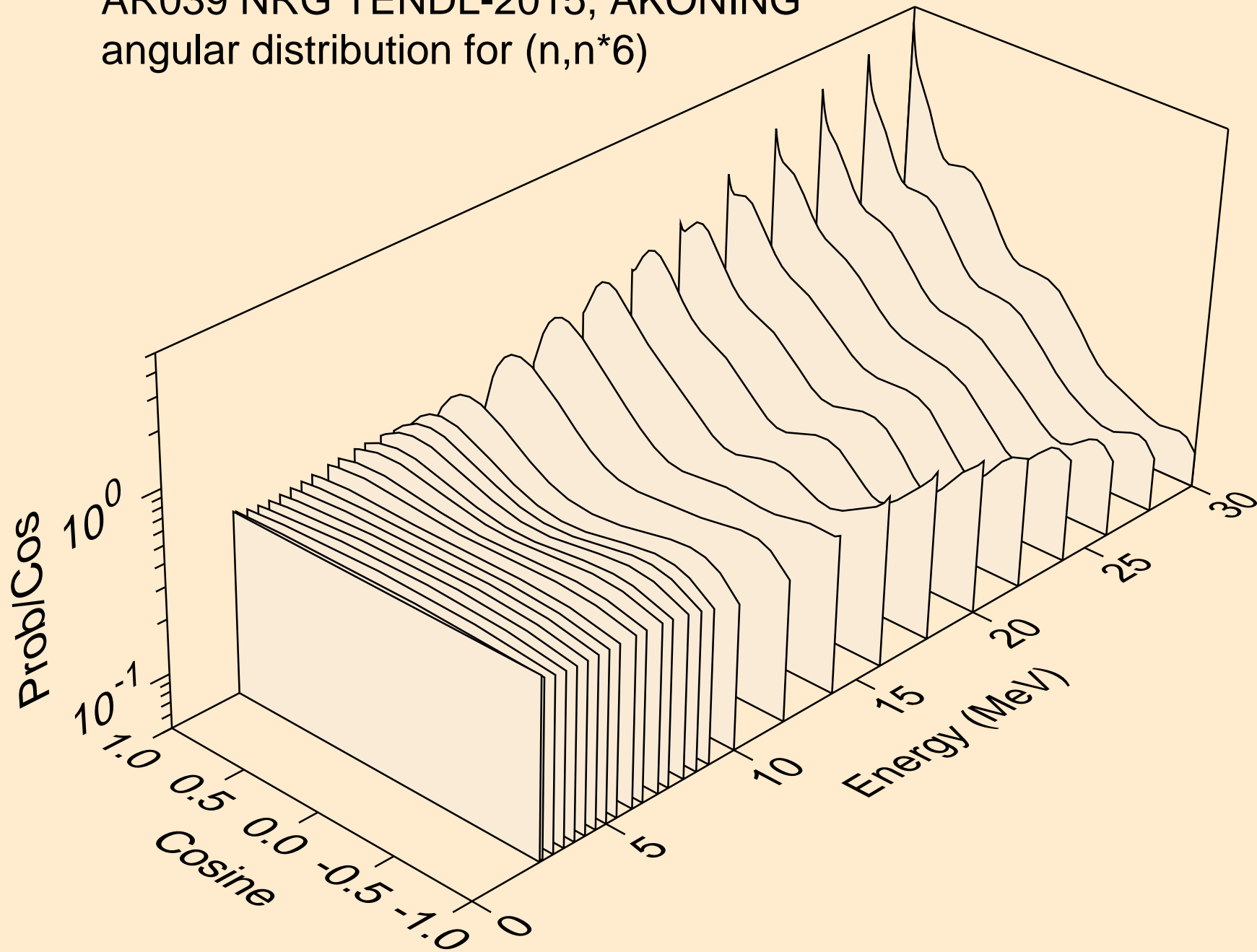
AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

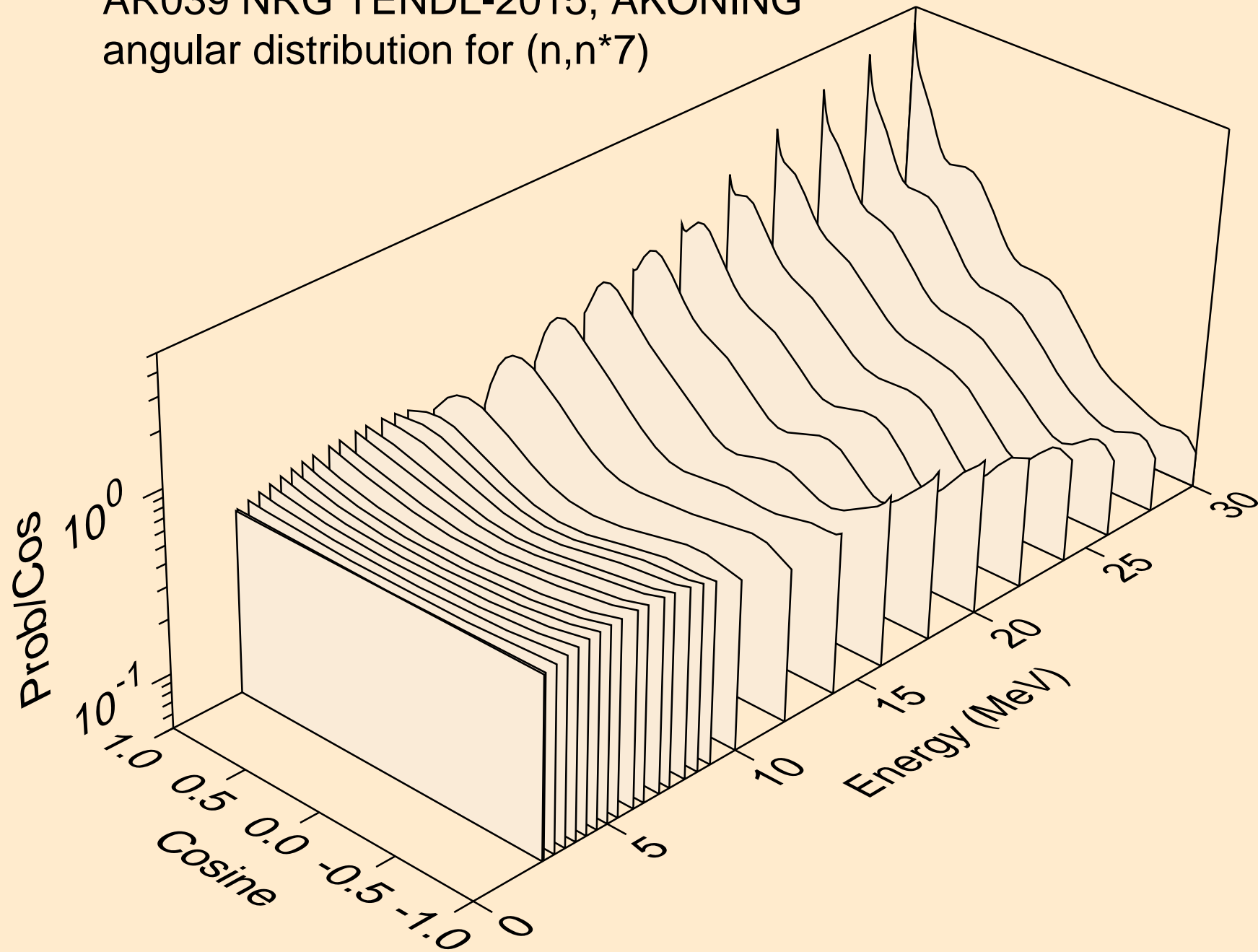


AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

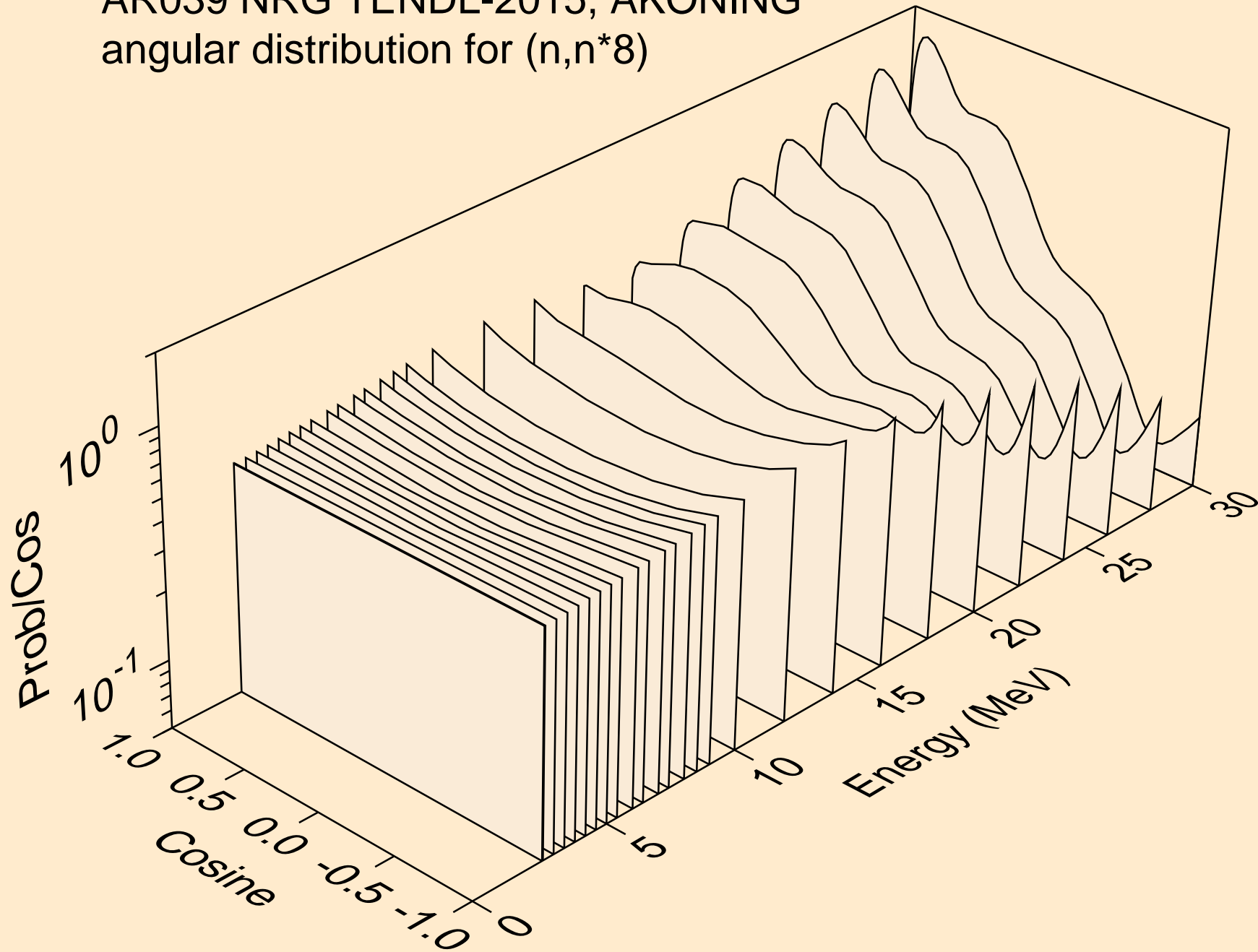




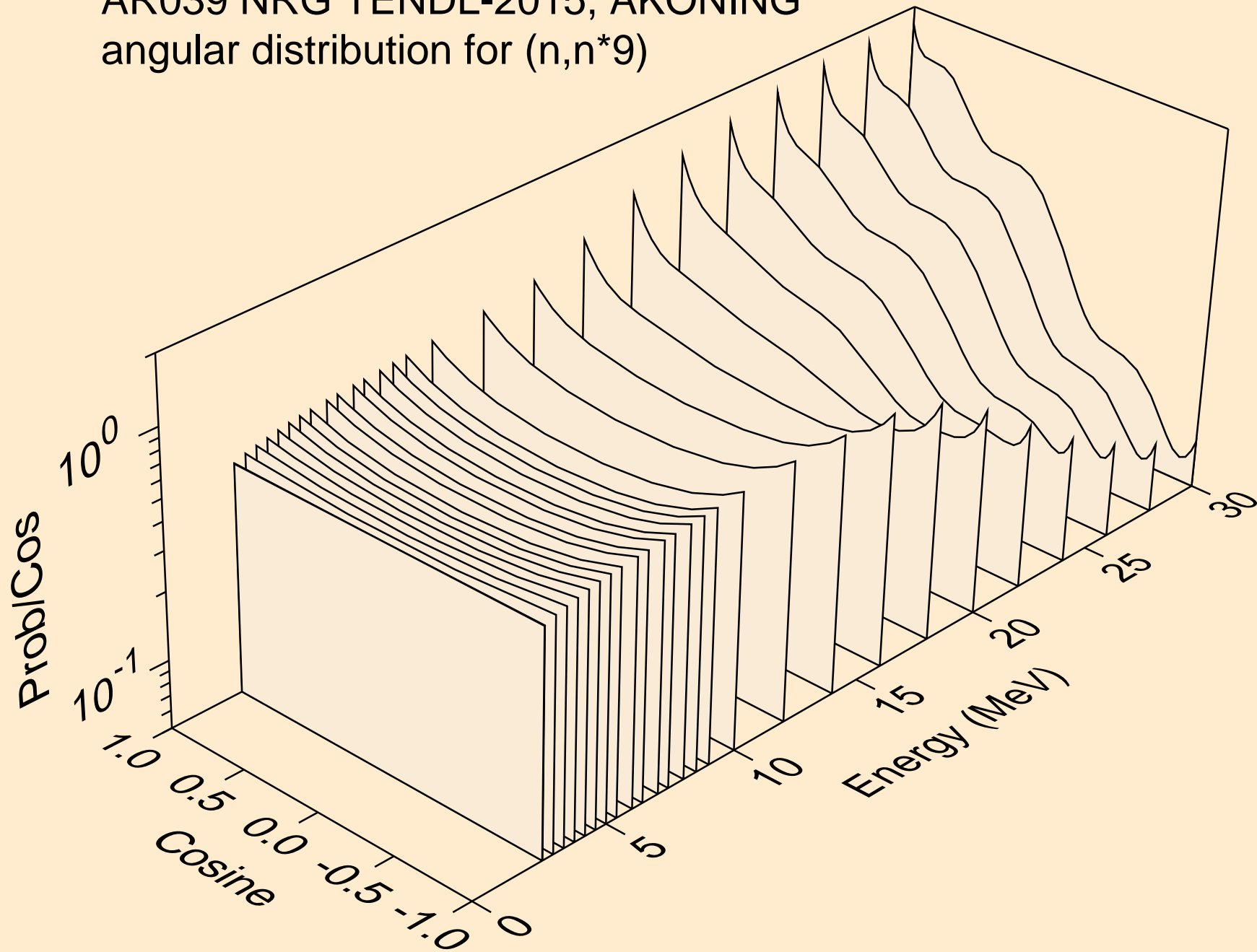
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angular distribution for (n,n\*7)



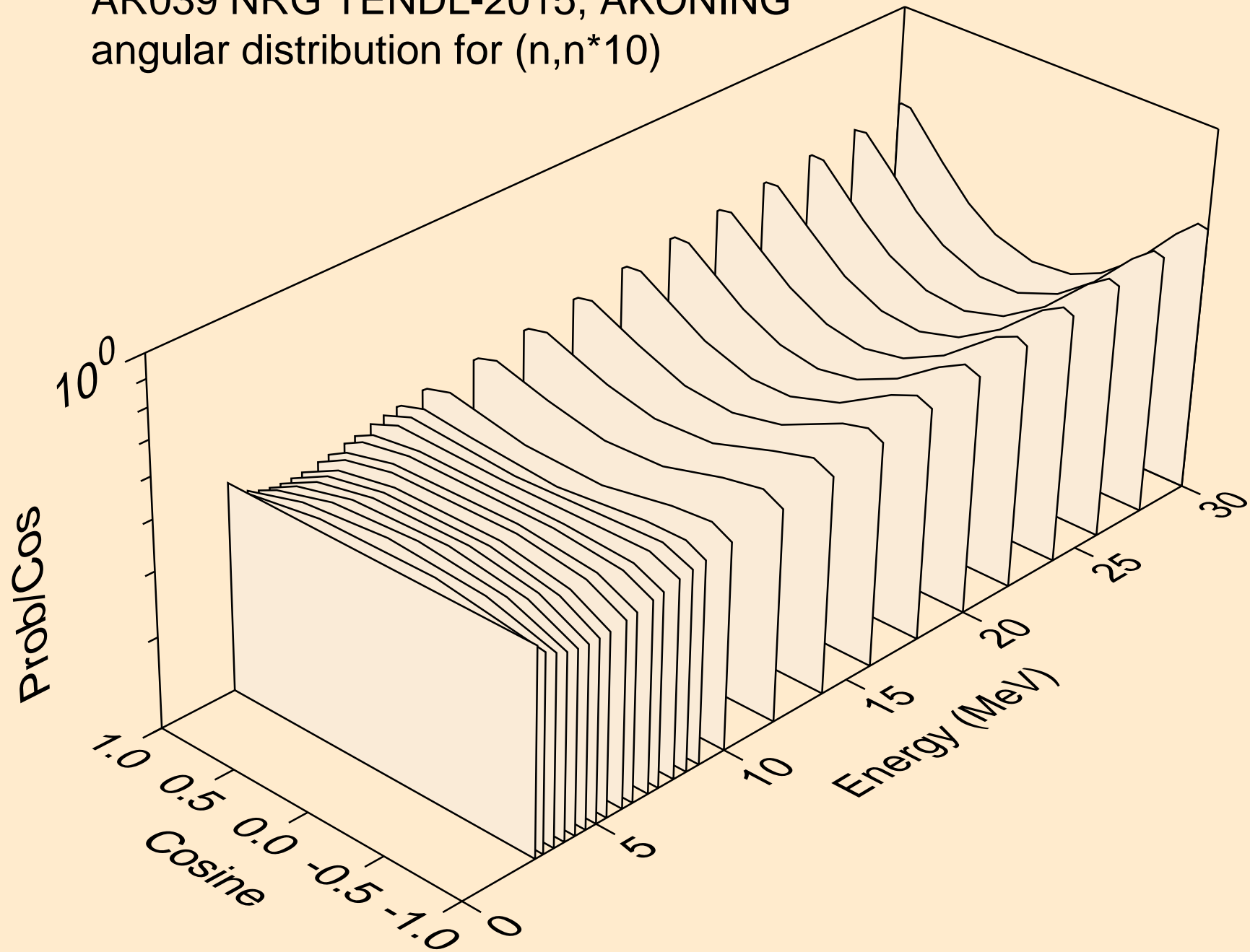
AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



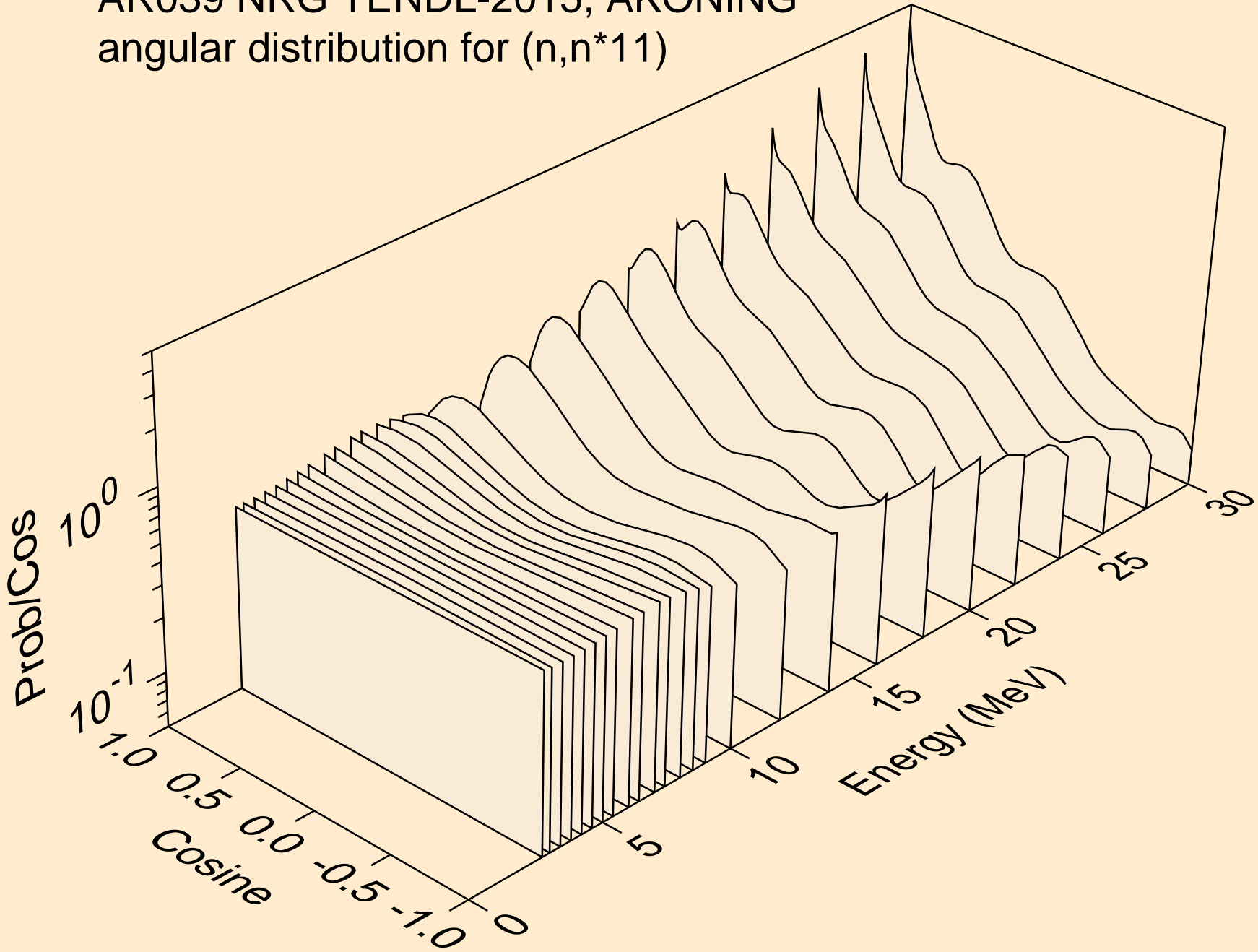
AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



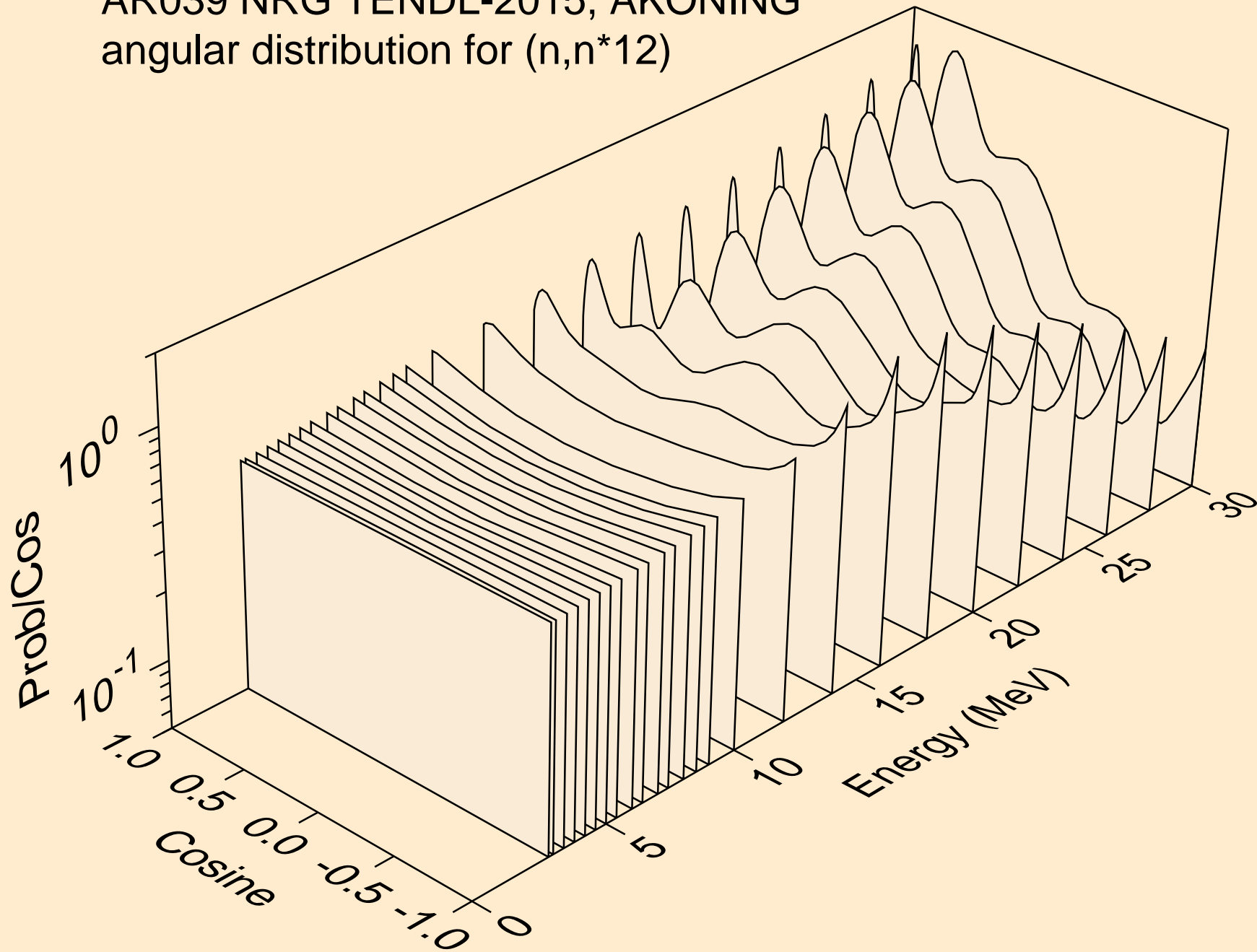
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angular distribution for (n,n\*10)



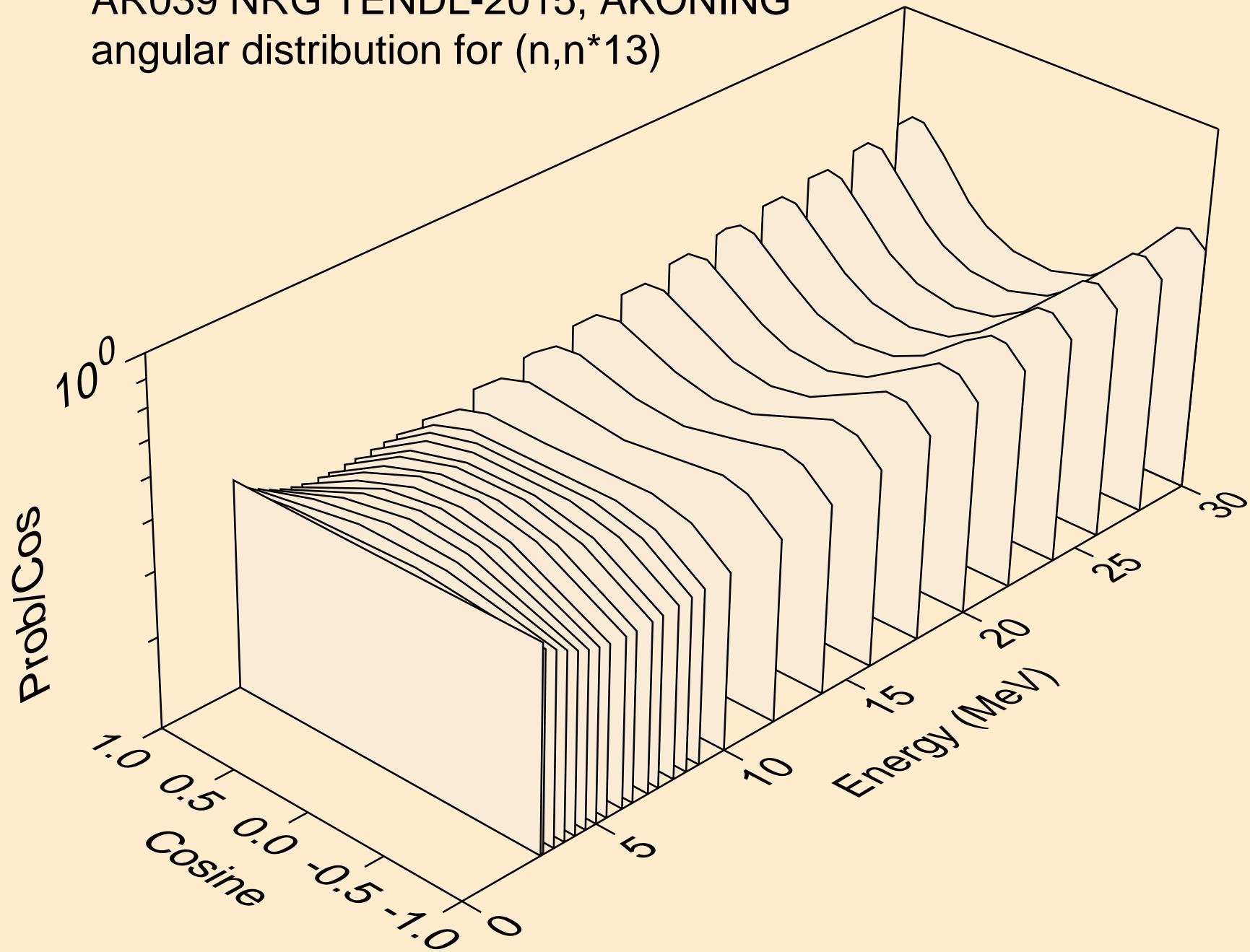
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angular distribution for (n,n\*11)



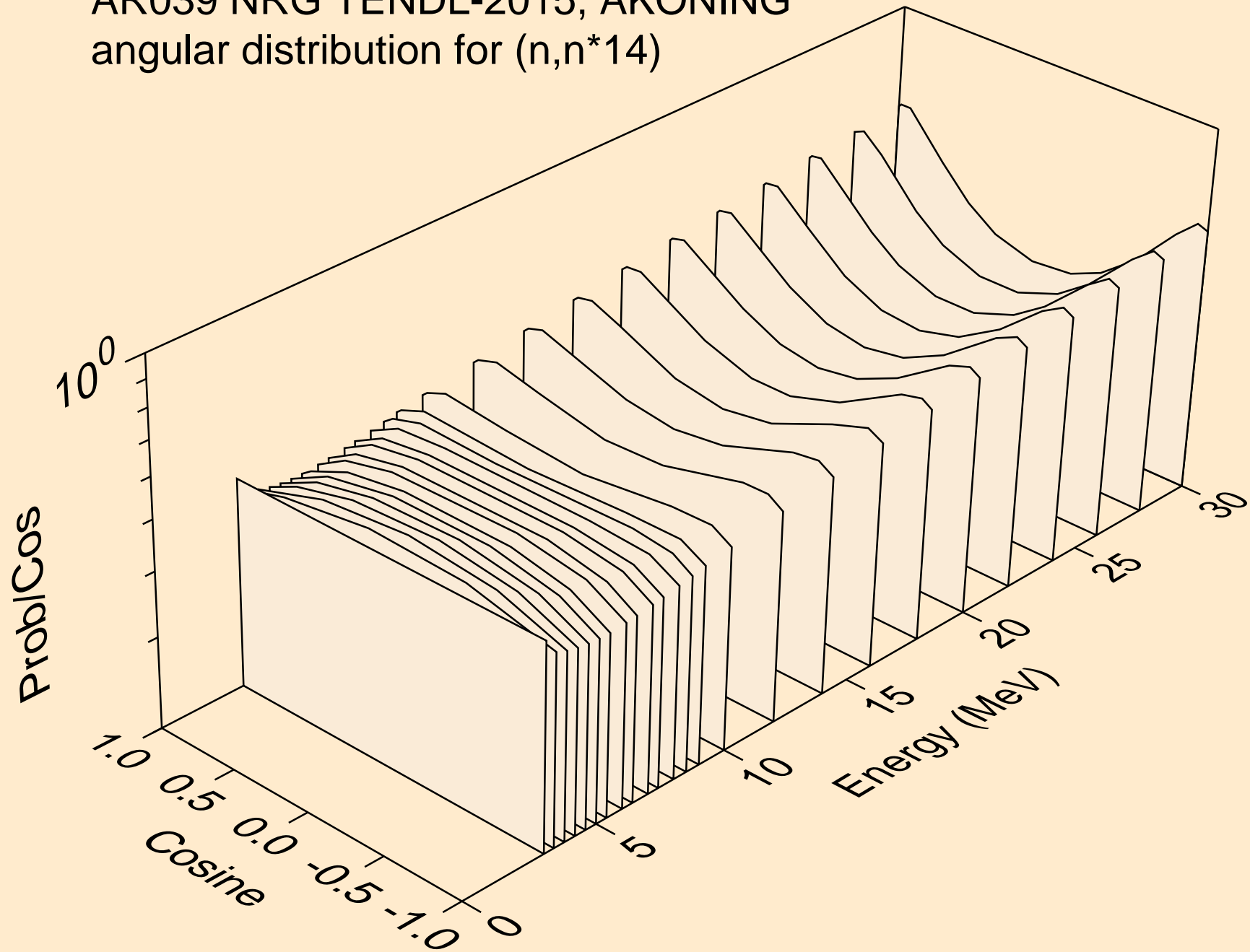
AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

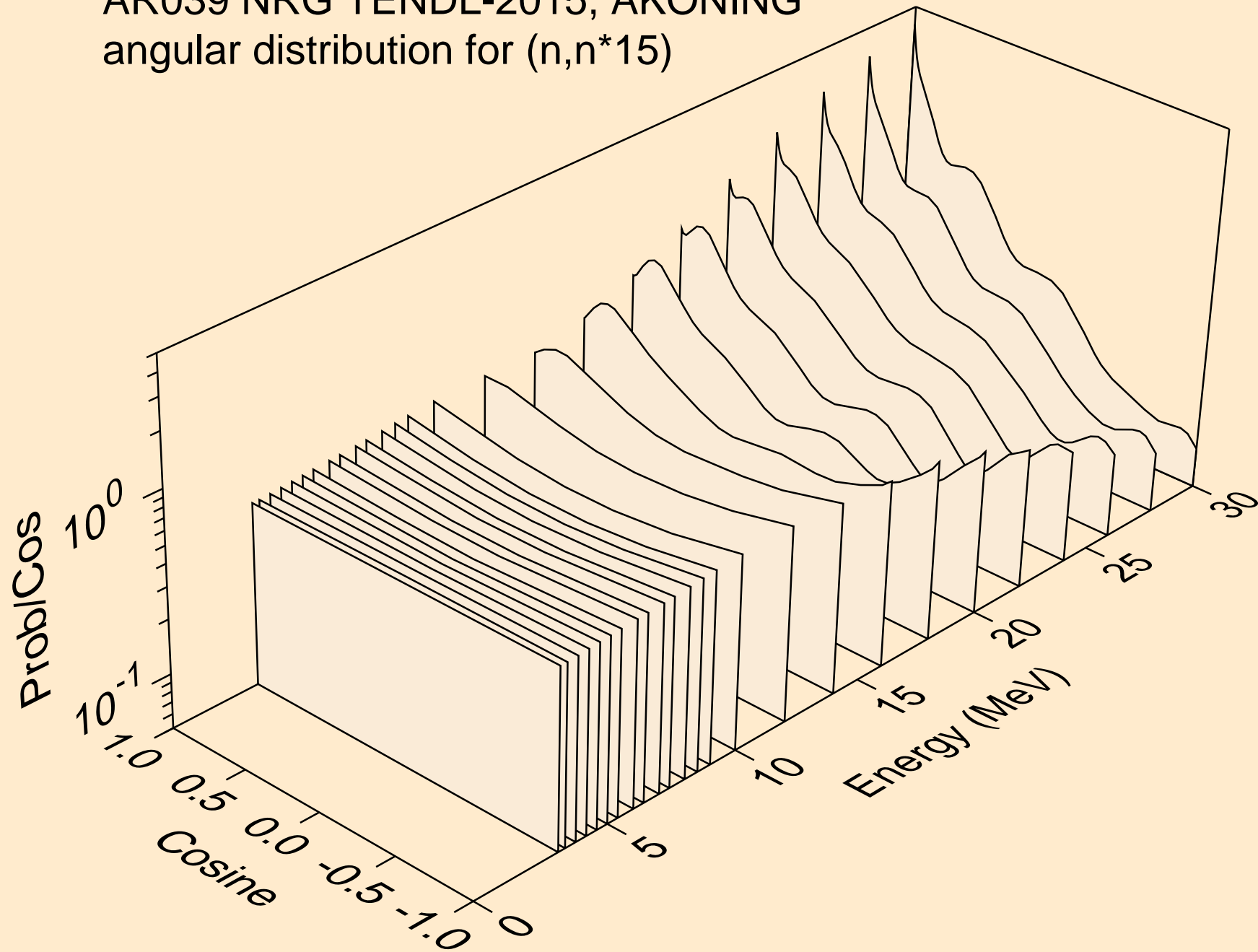


AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

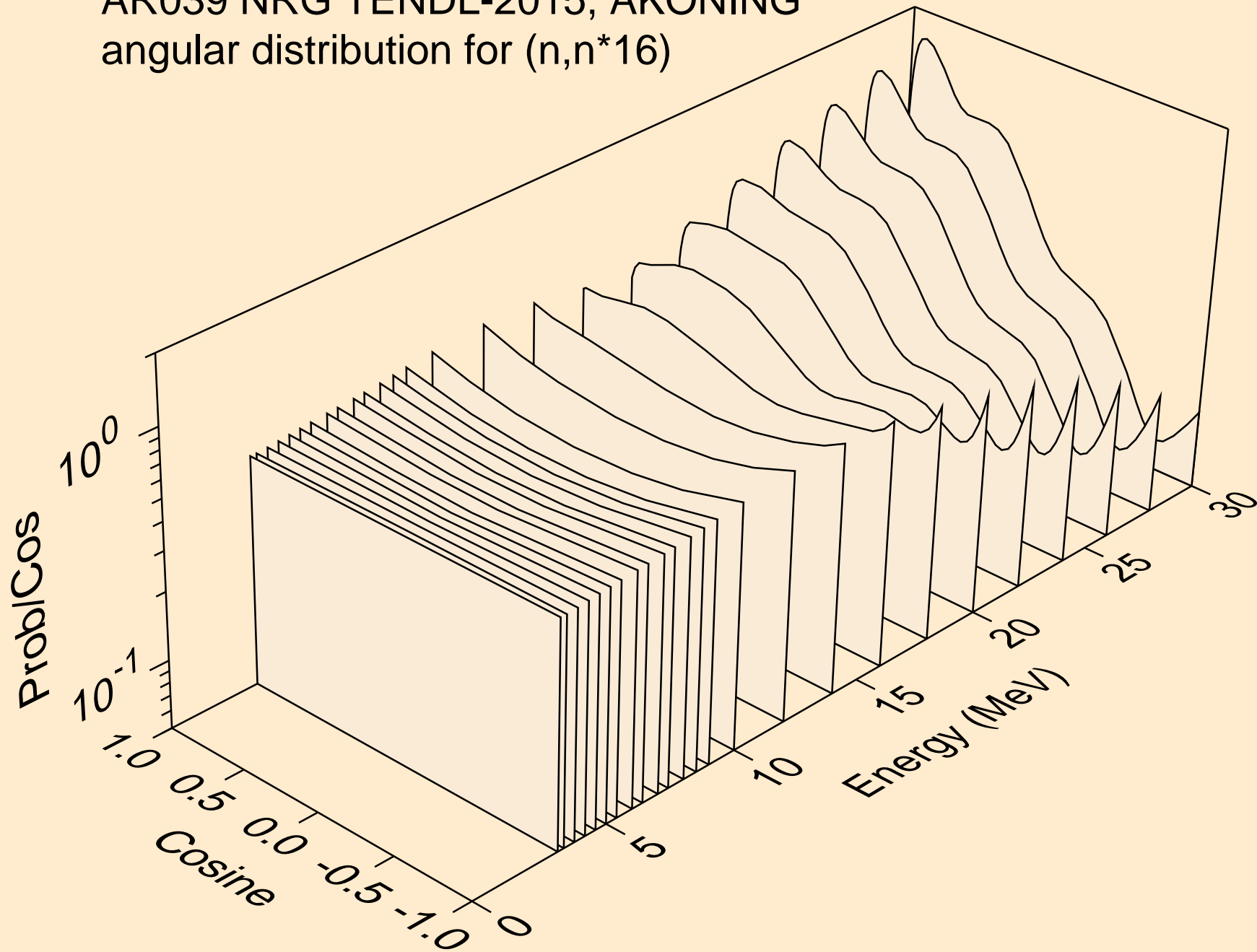




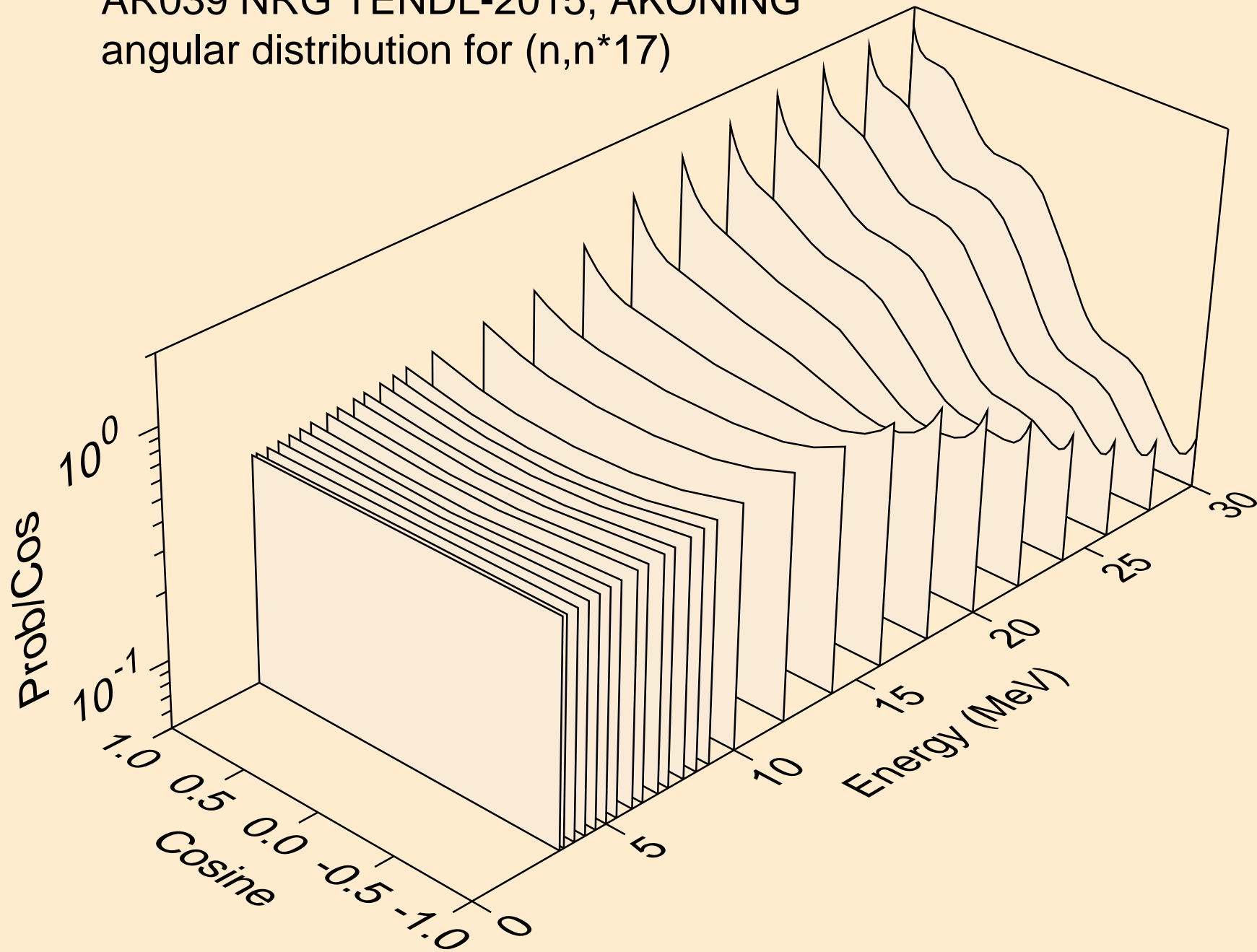
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angular distribution for (n,n\*15)



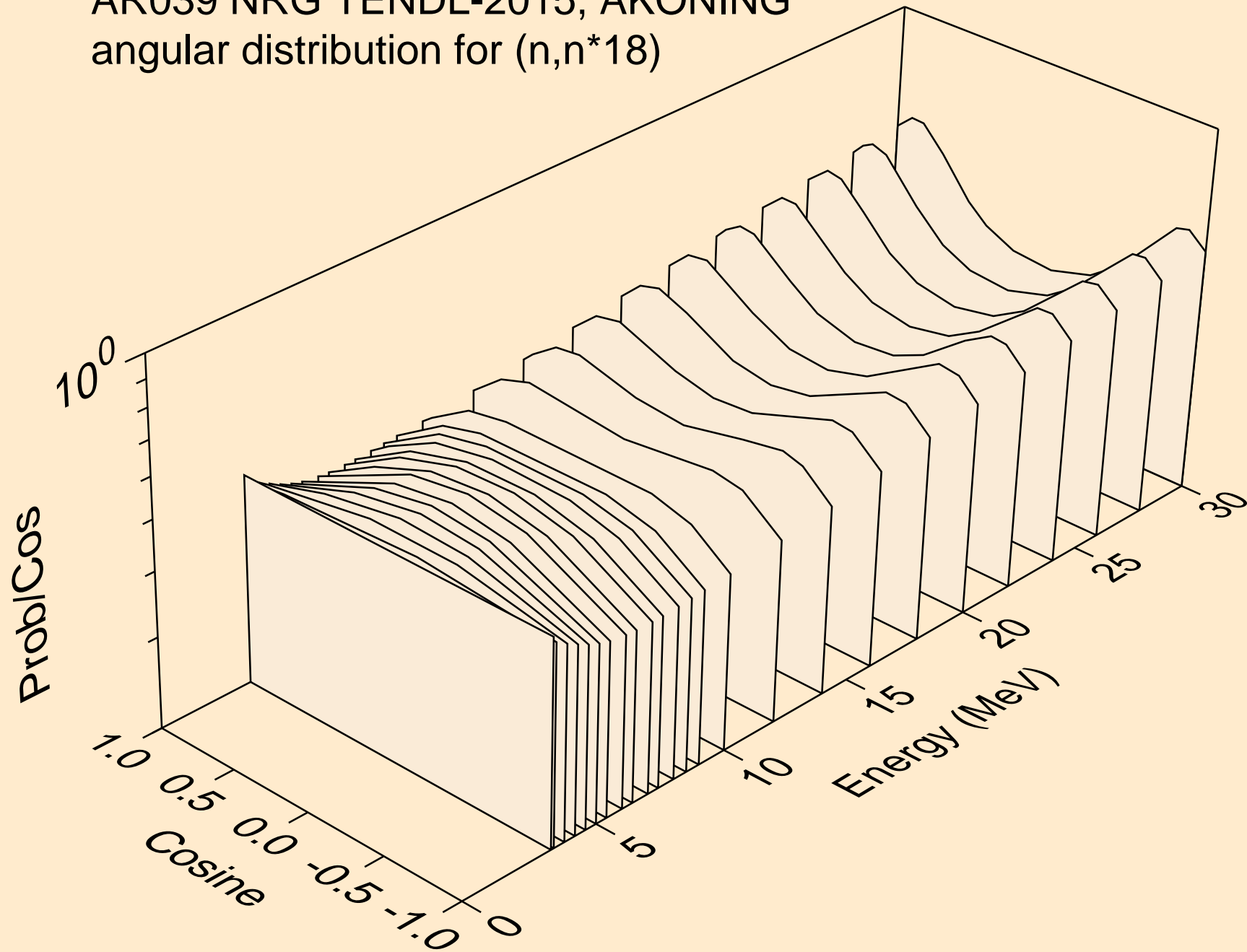
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angular distribution for (n,n\*16)



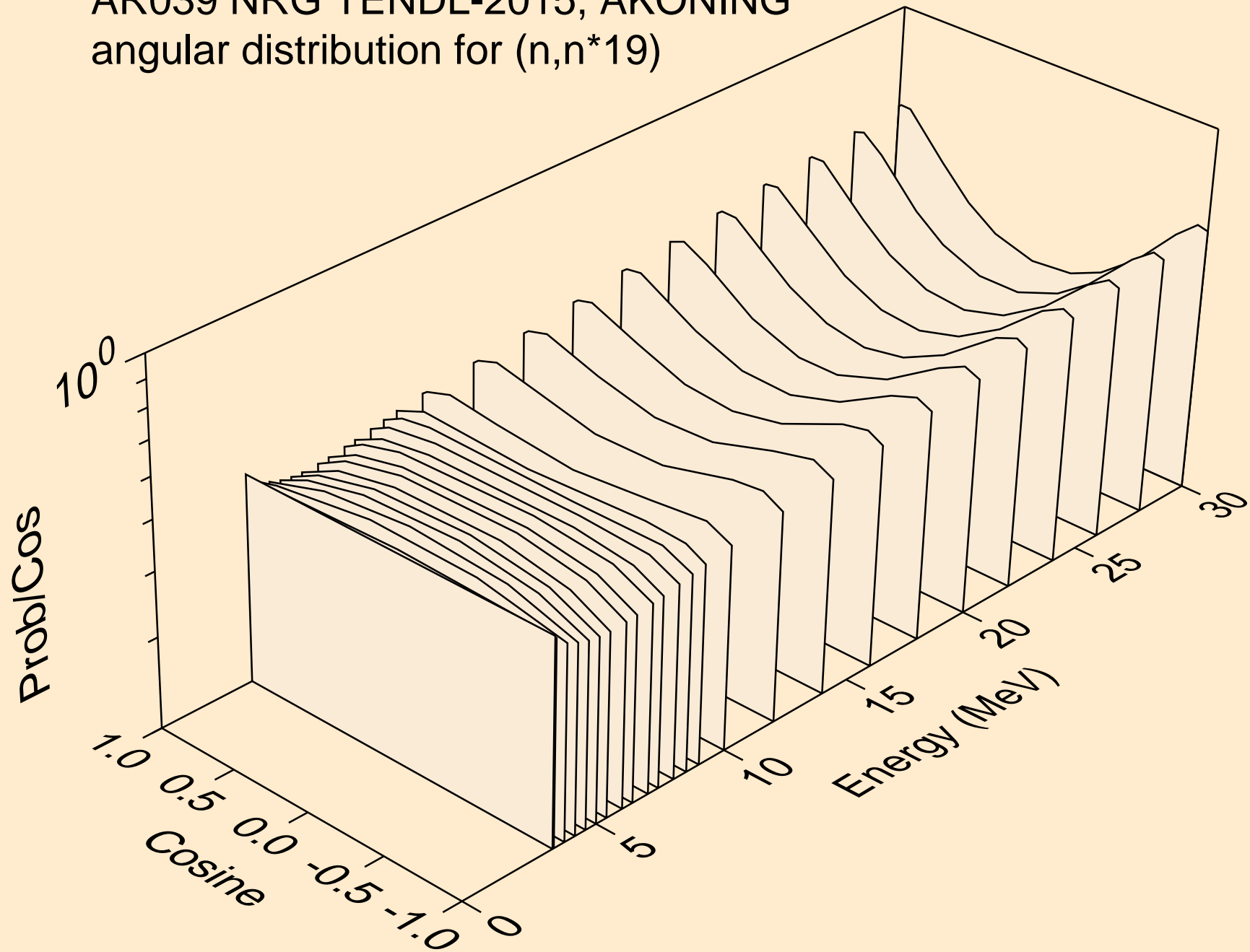
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angular distribution for (n,n\*17)



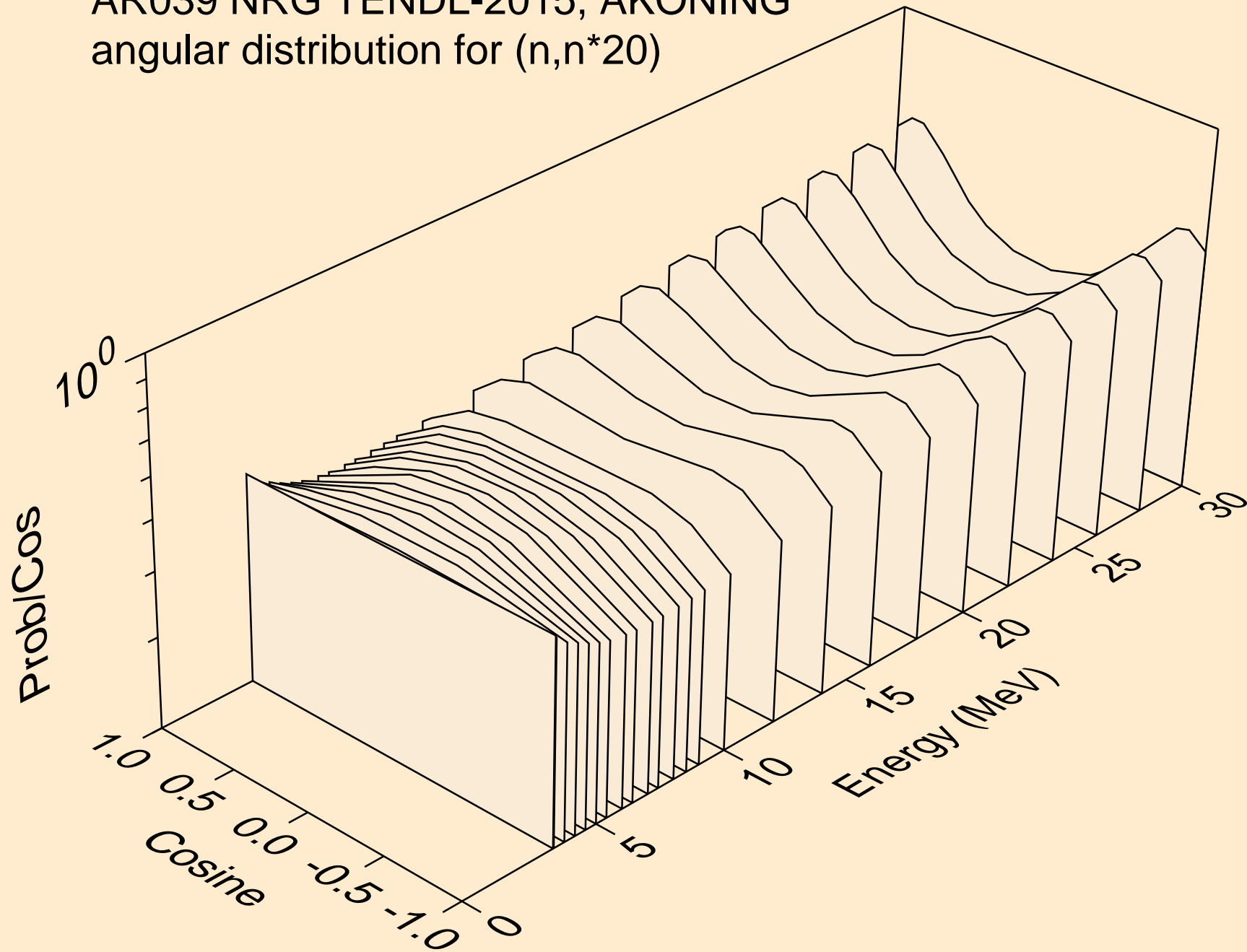
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angular distribution for (n,n\*18)



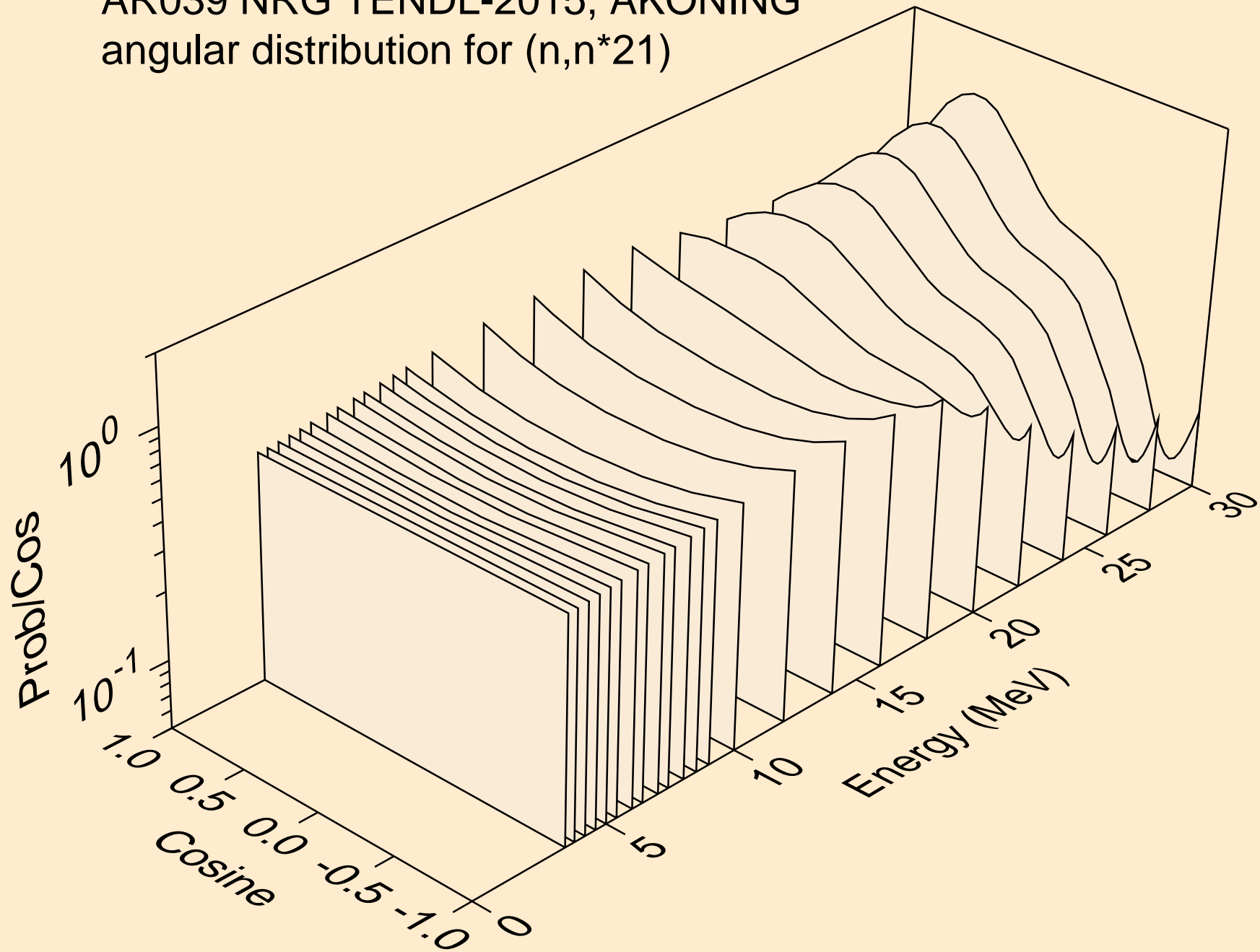
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angular distribution for (n,n\*19)



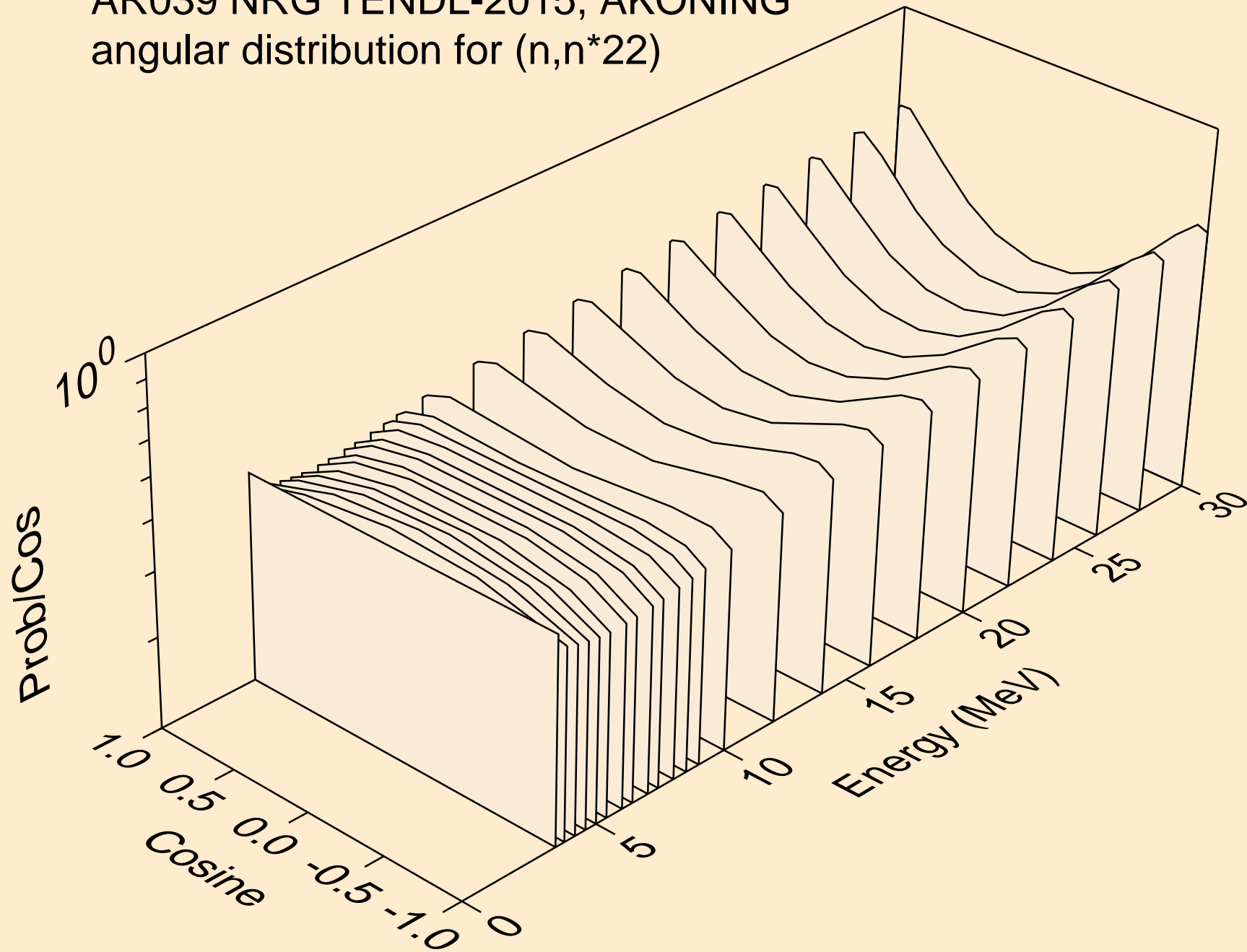
AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

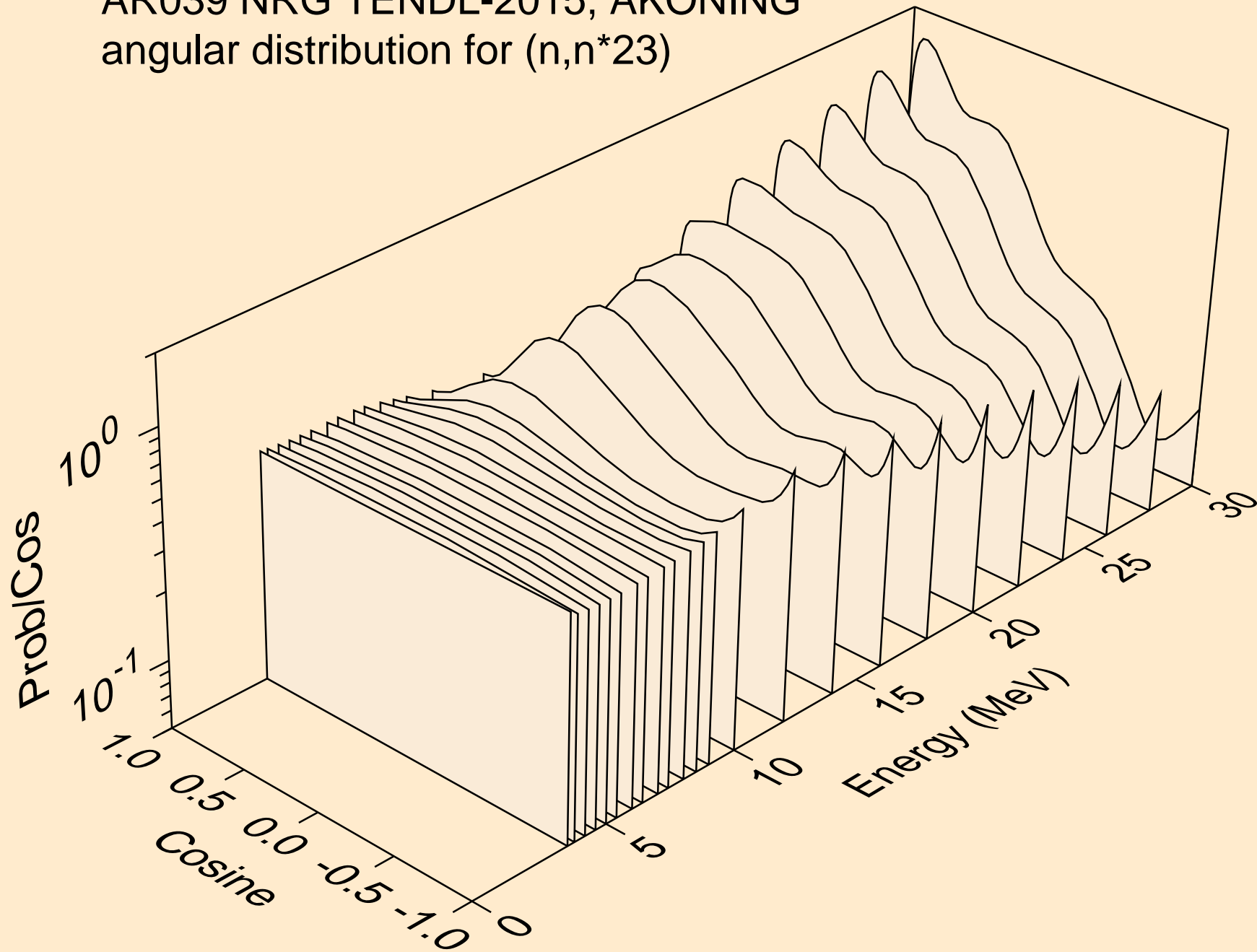


AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

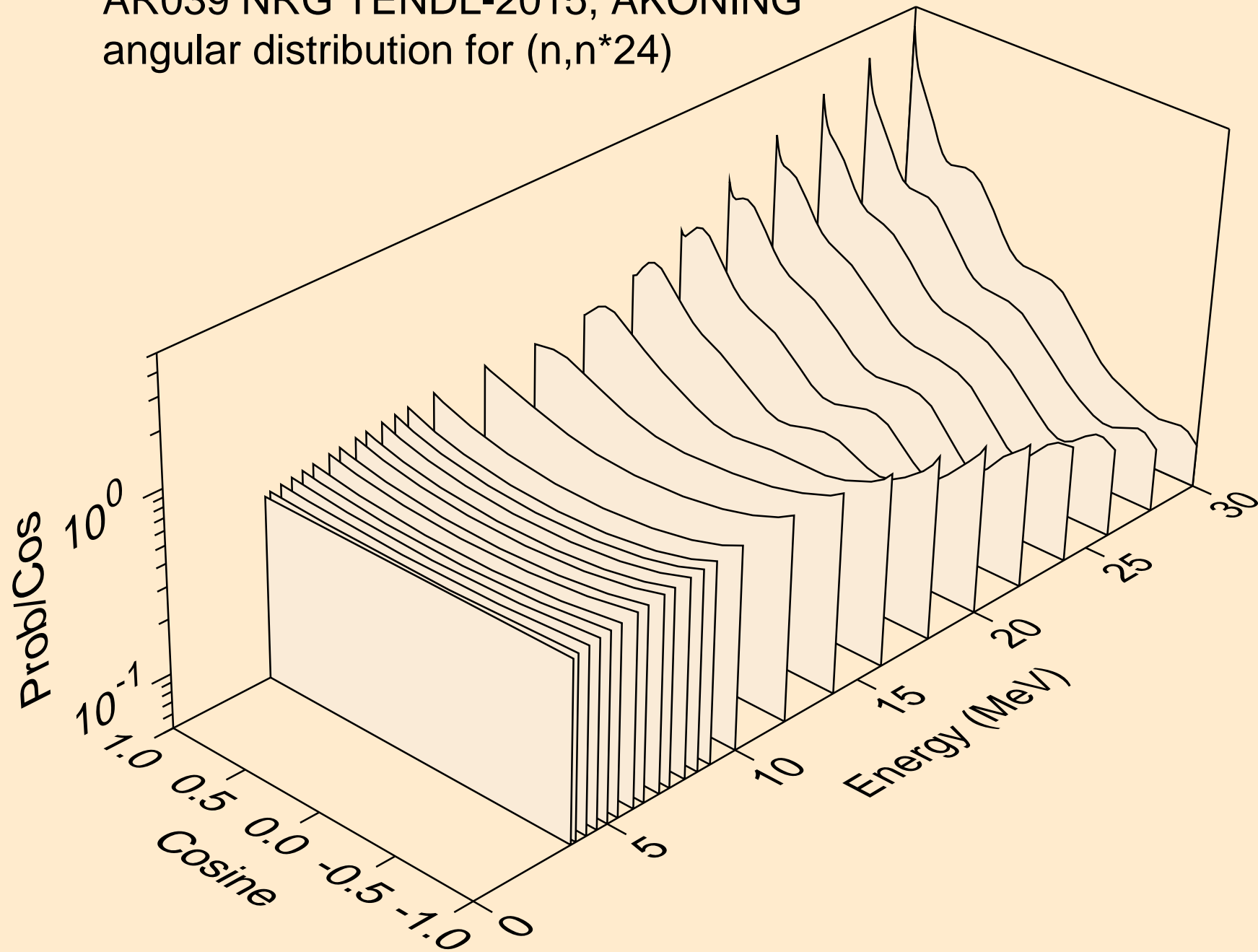




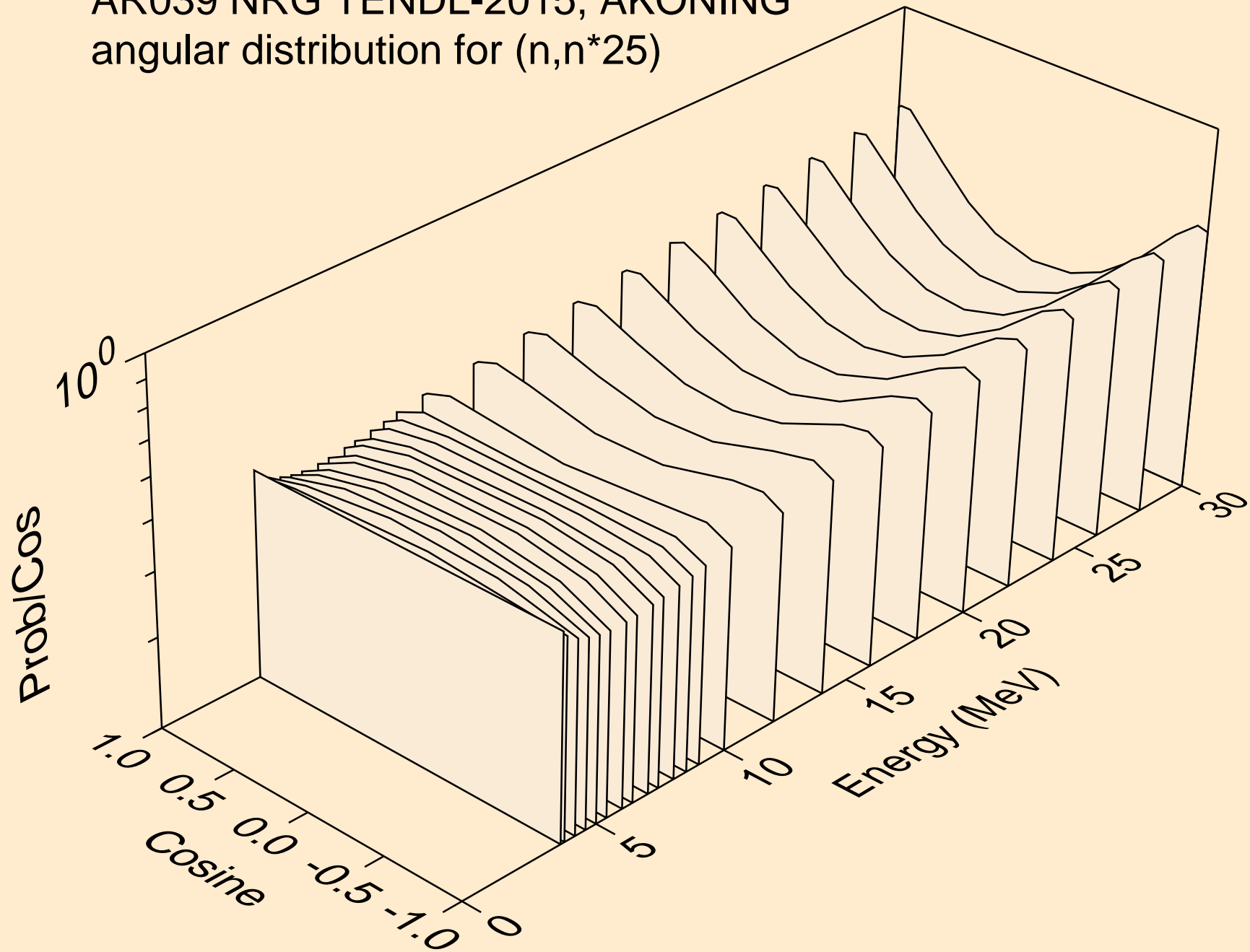
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angular distribution for (n,n\*23)



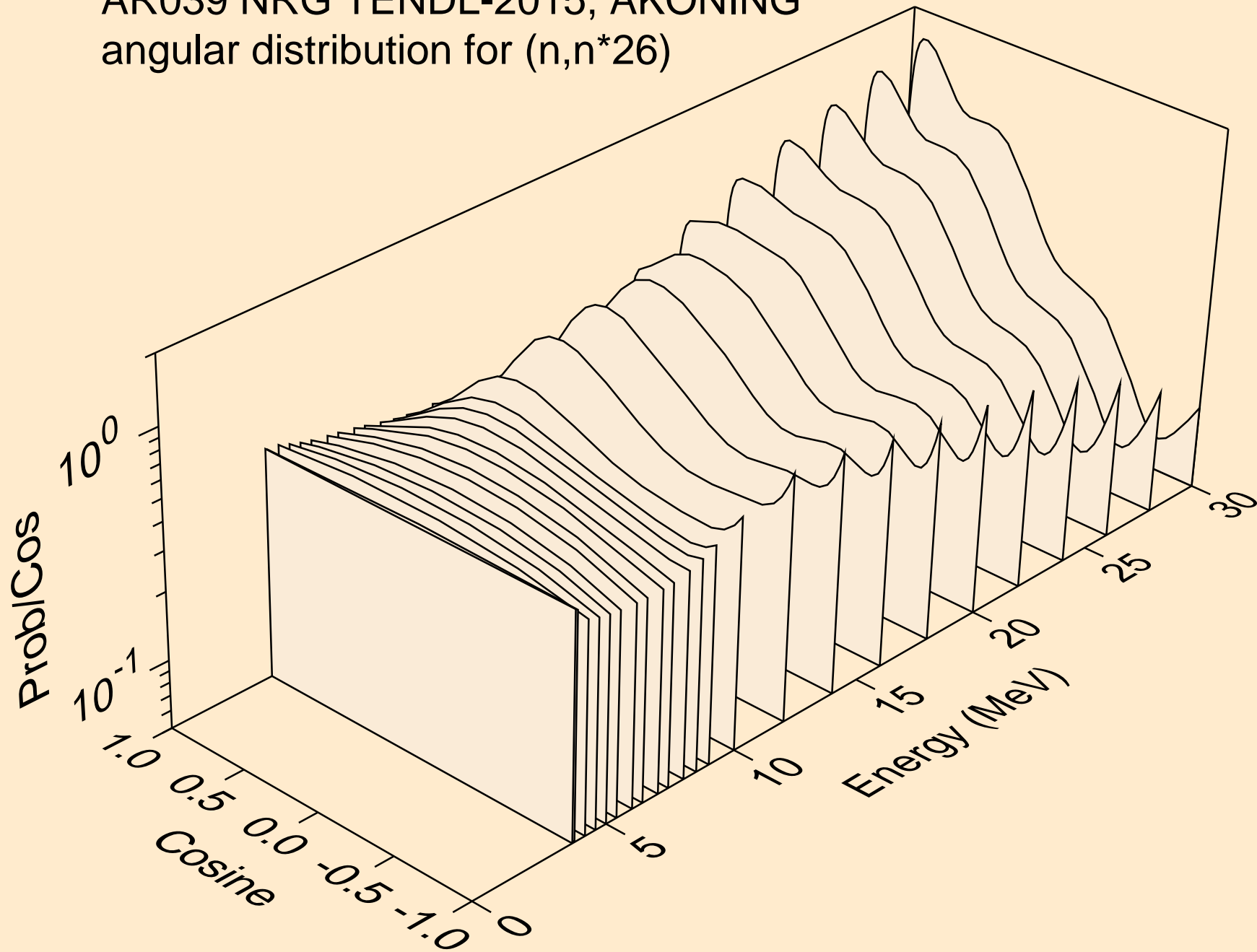
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angular distribution for (n,n\*24)



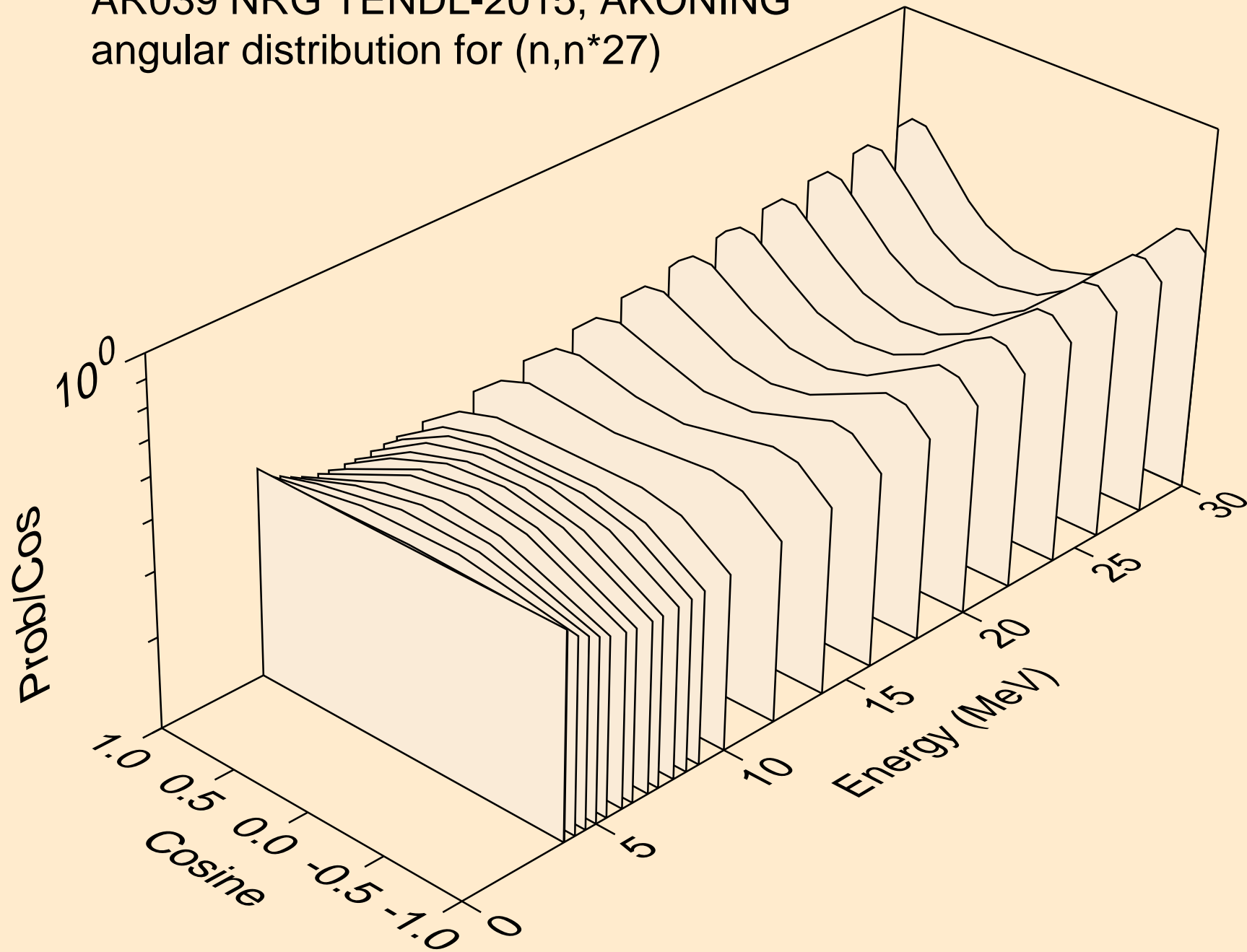
AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



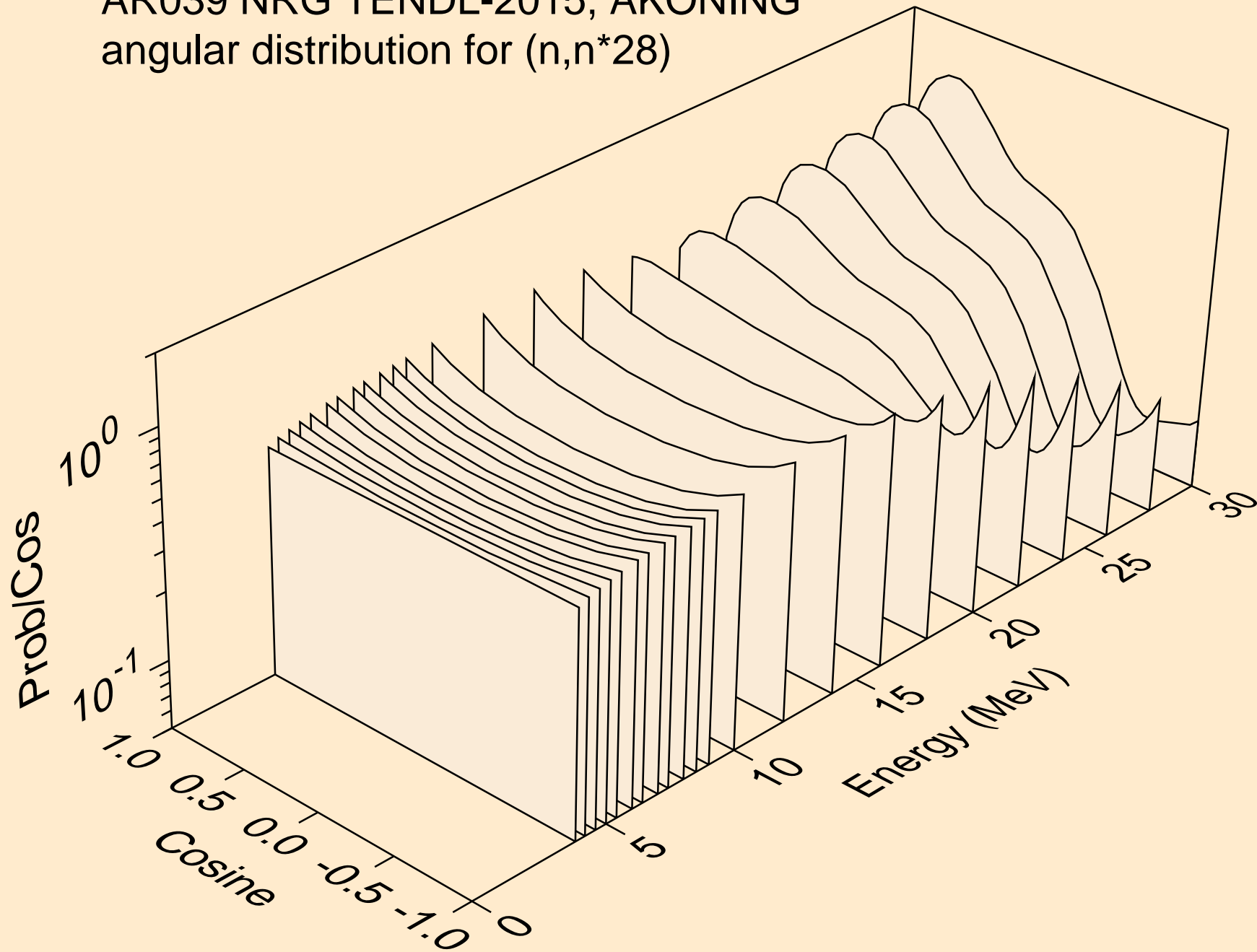
AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



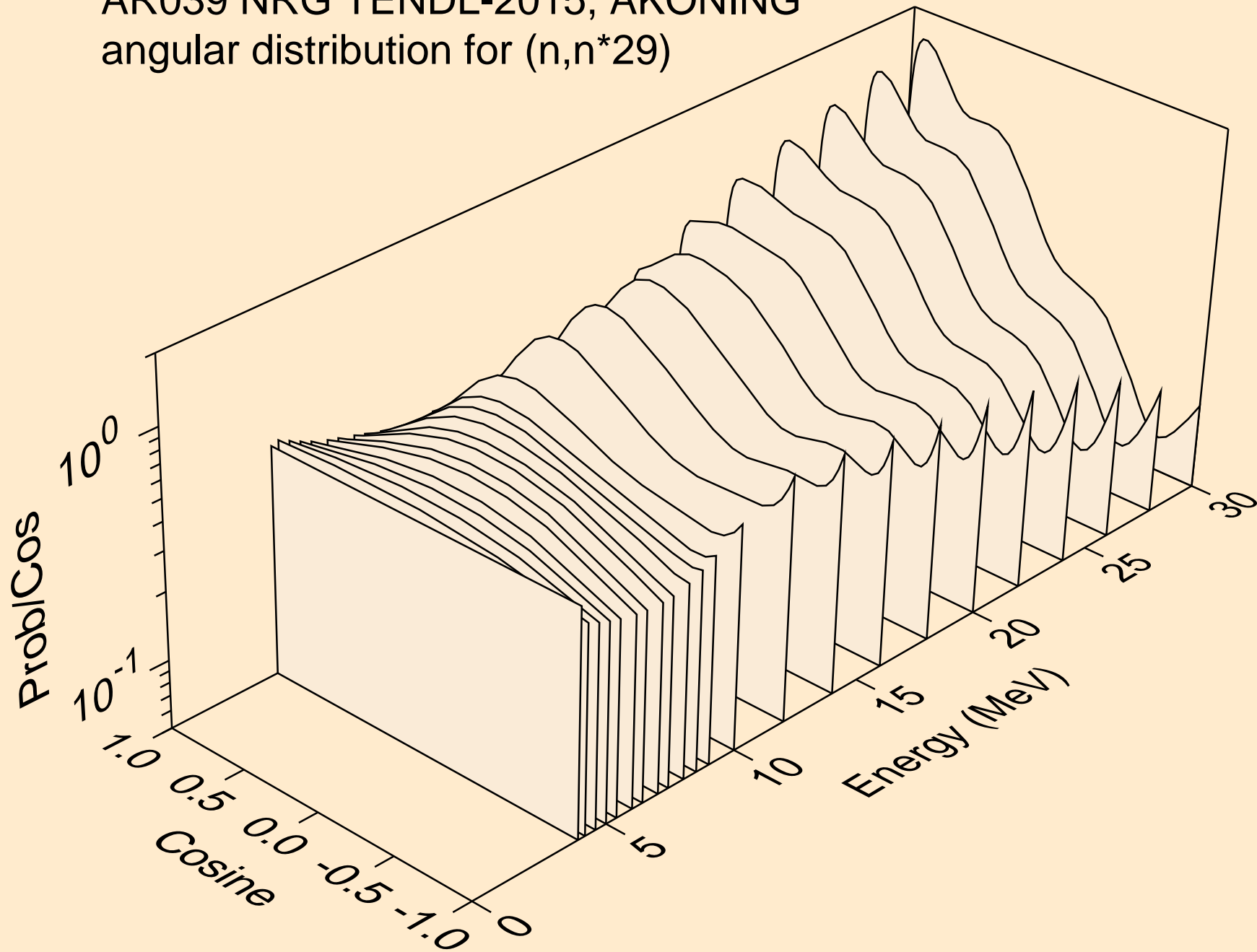
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angular distribution for (n,n\*27)



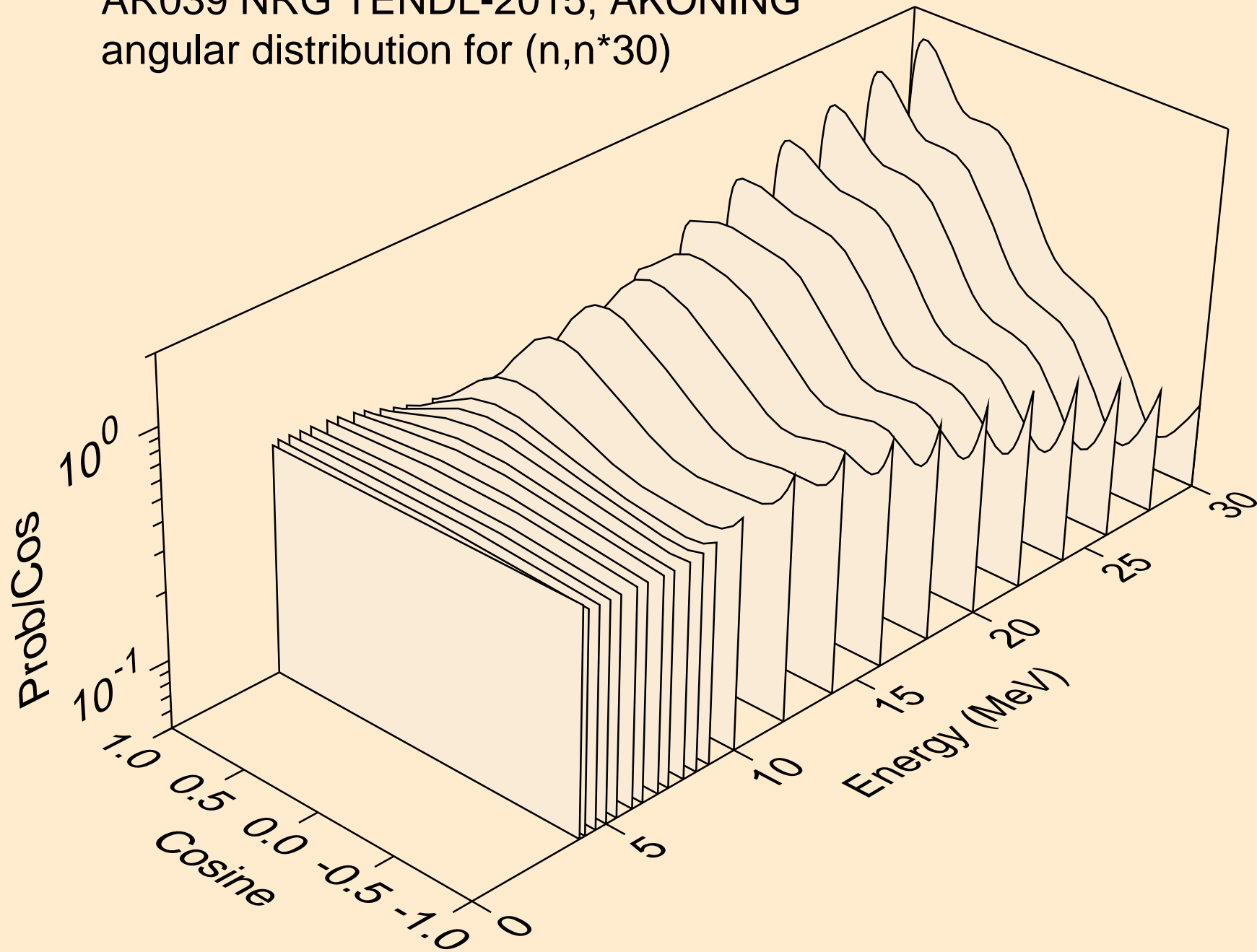
AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

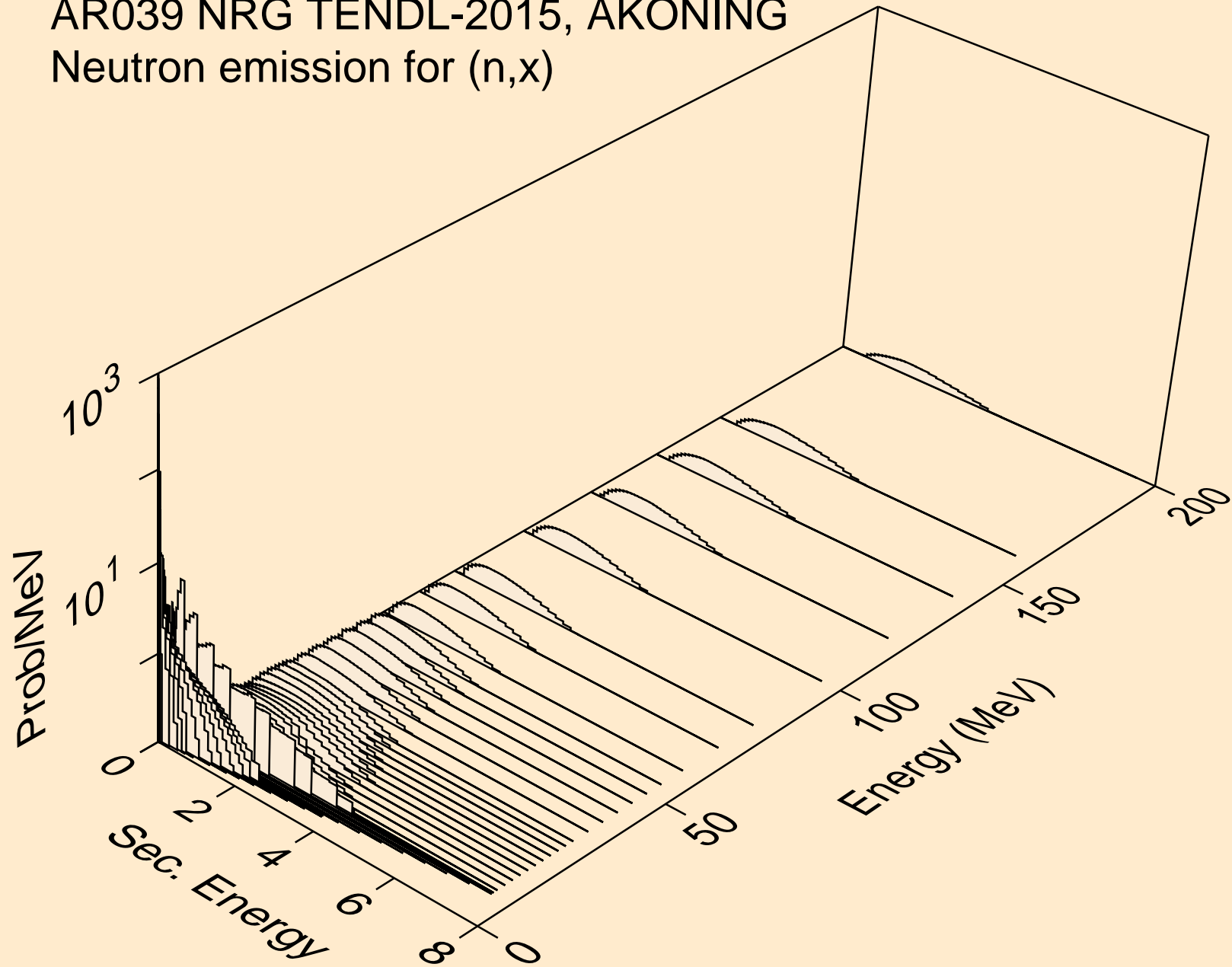


AR039 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)

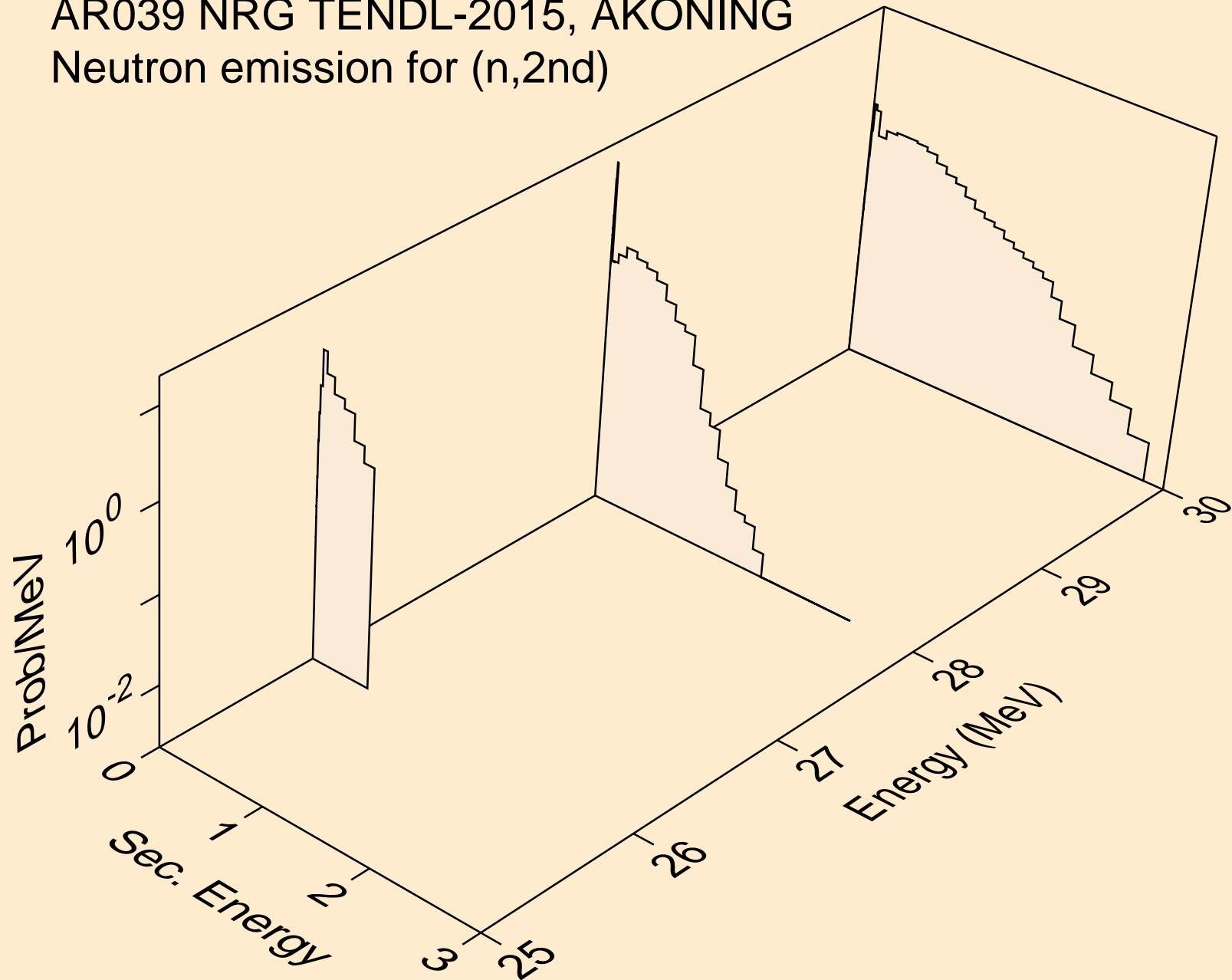




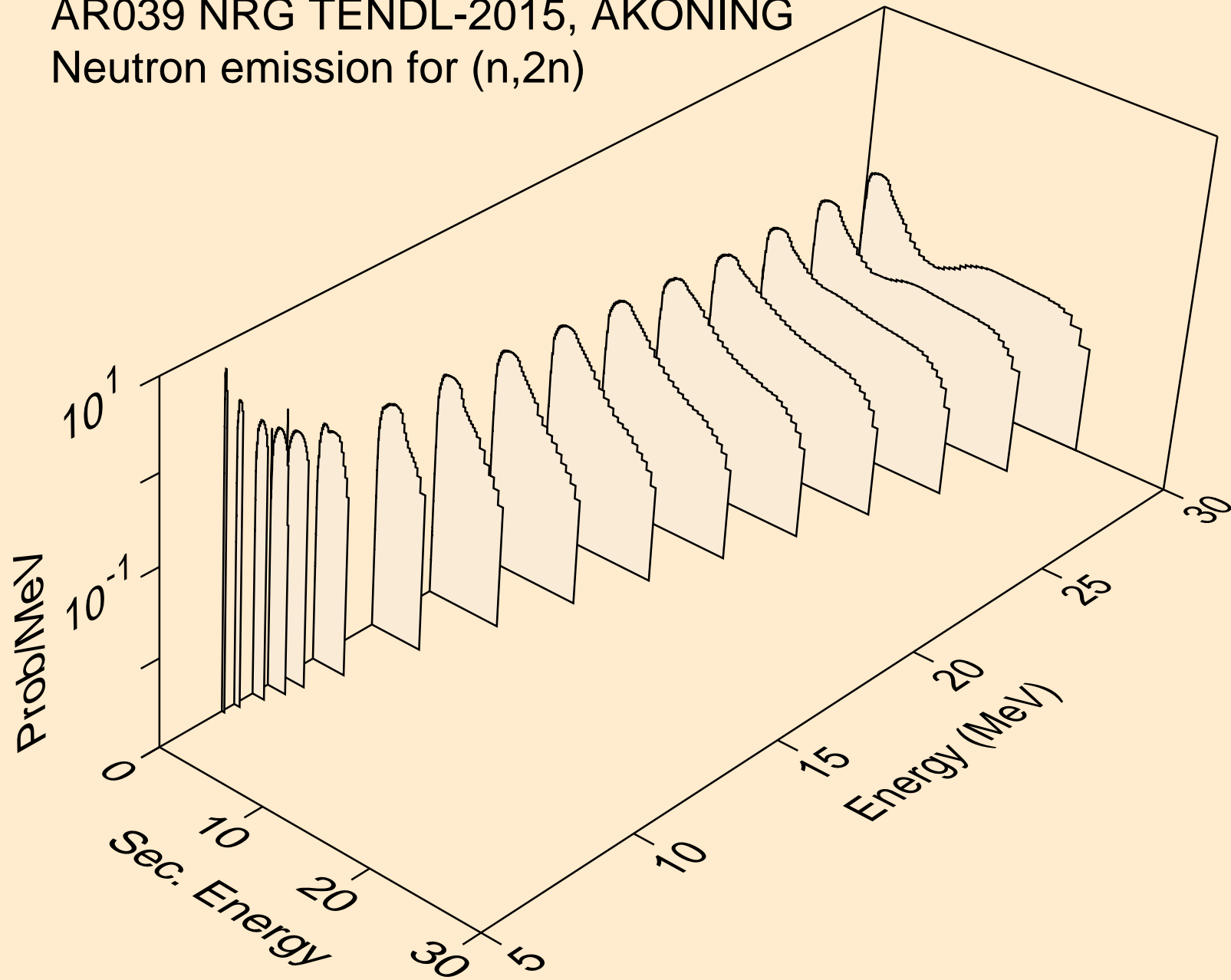
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



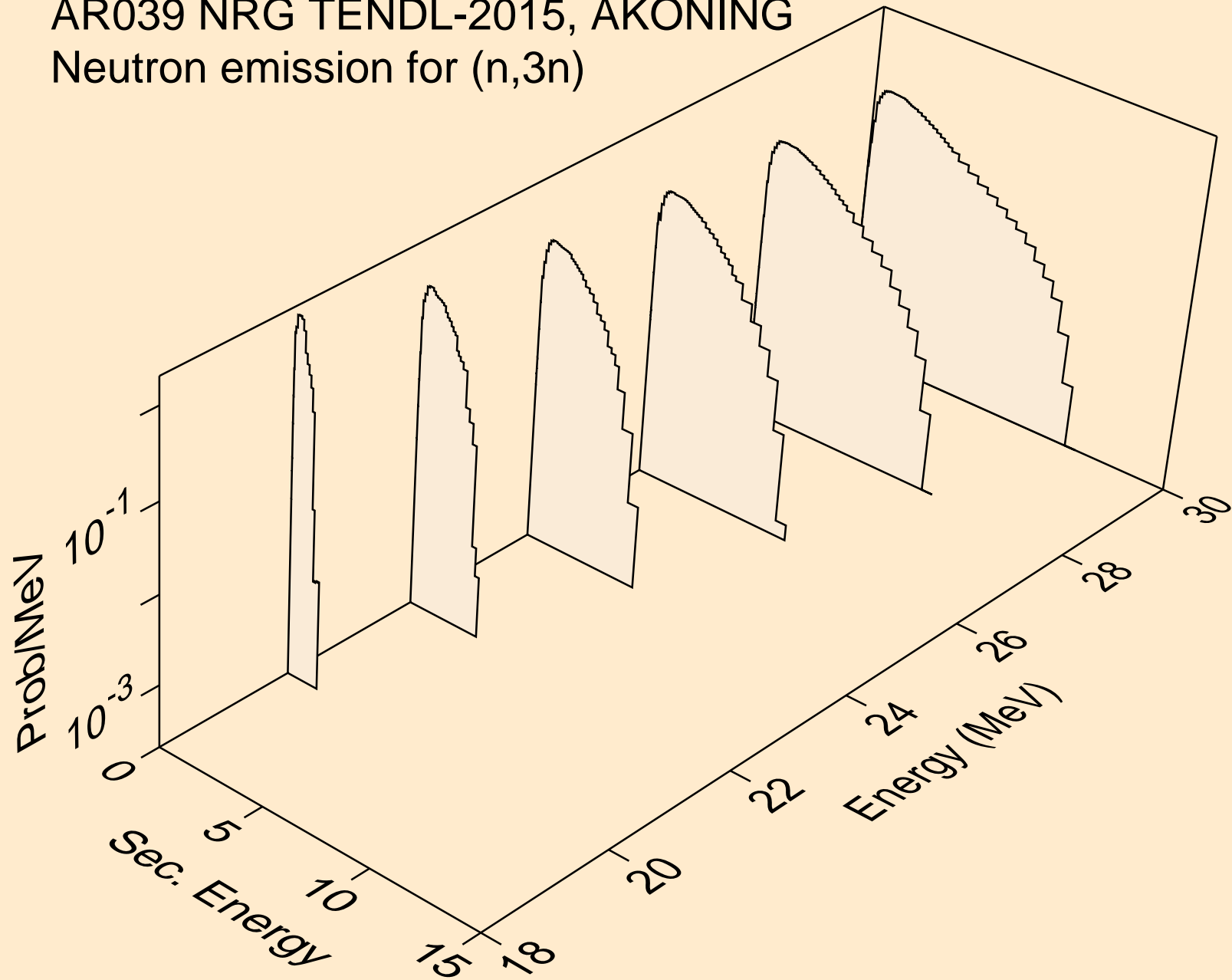
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



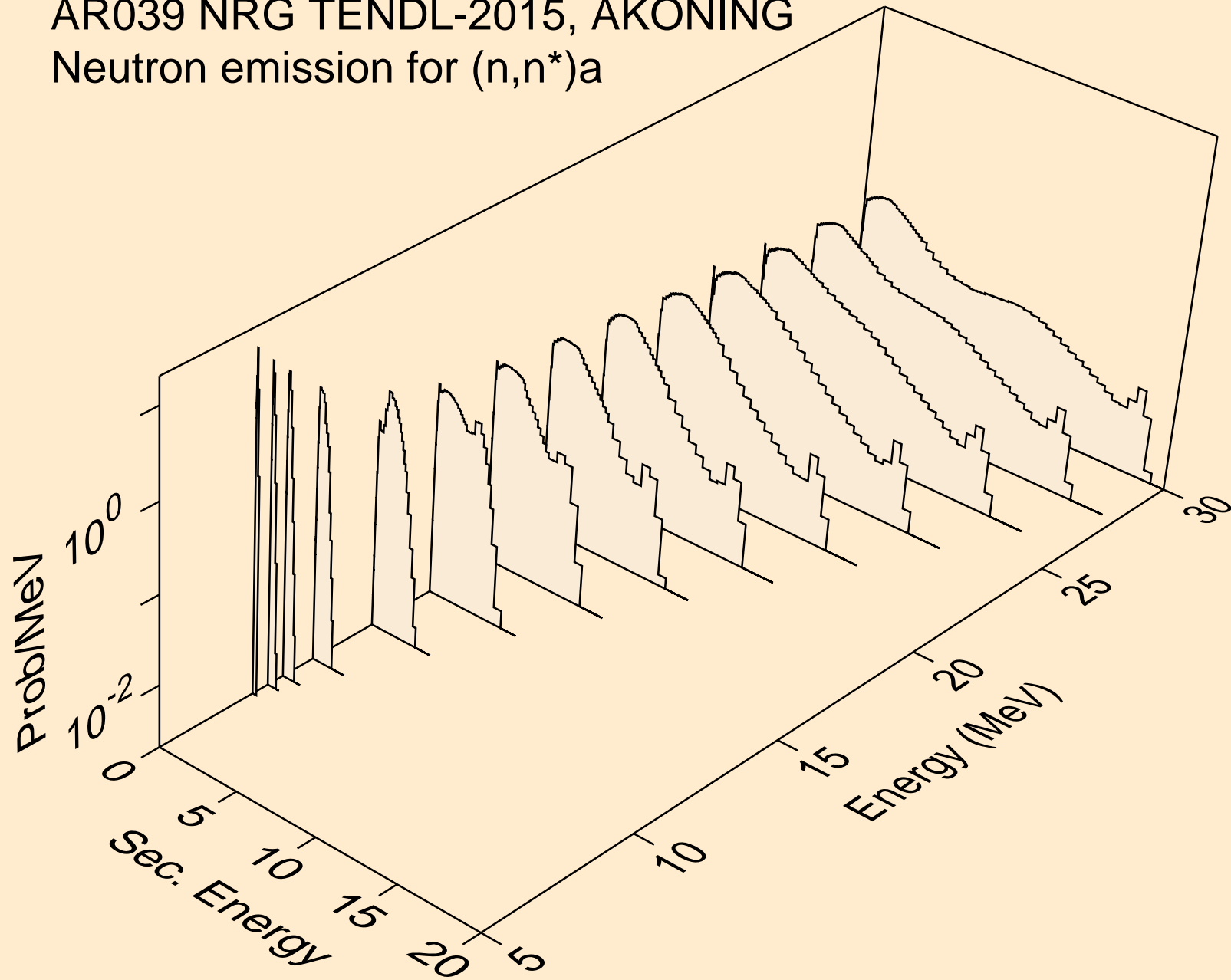
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



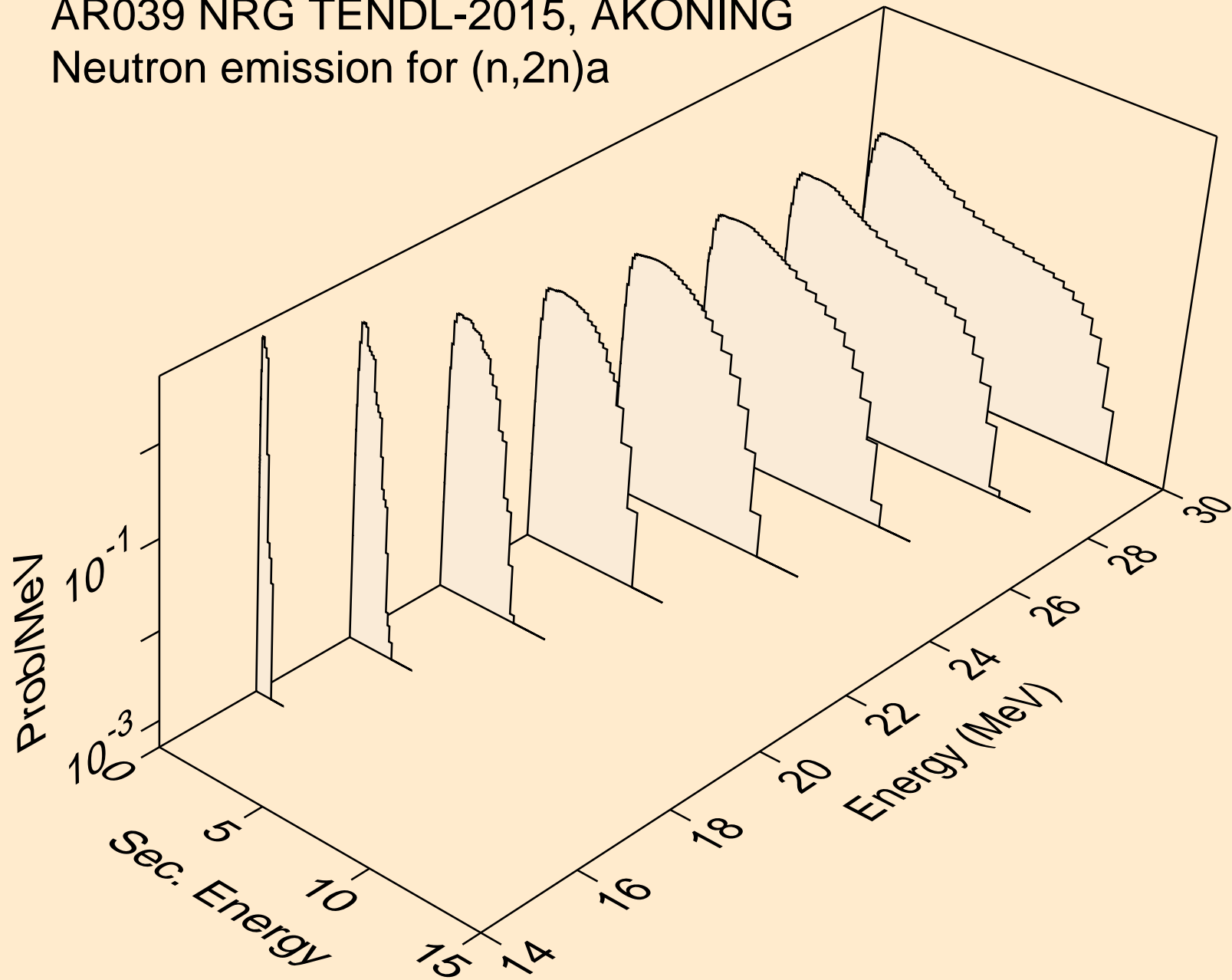
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



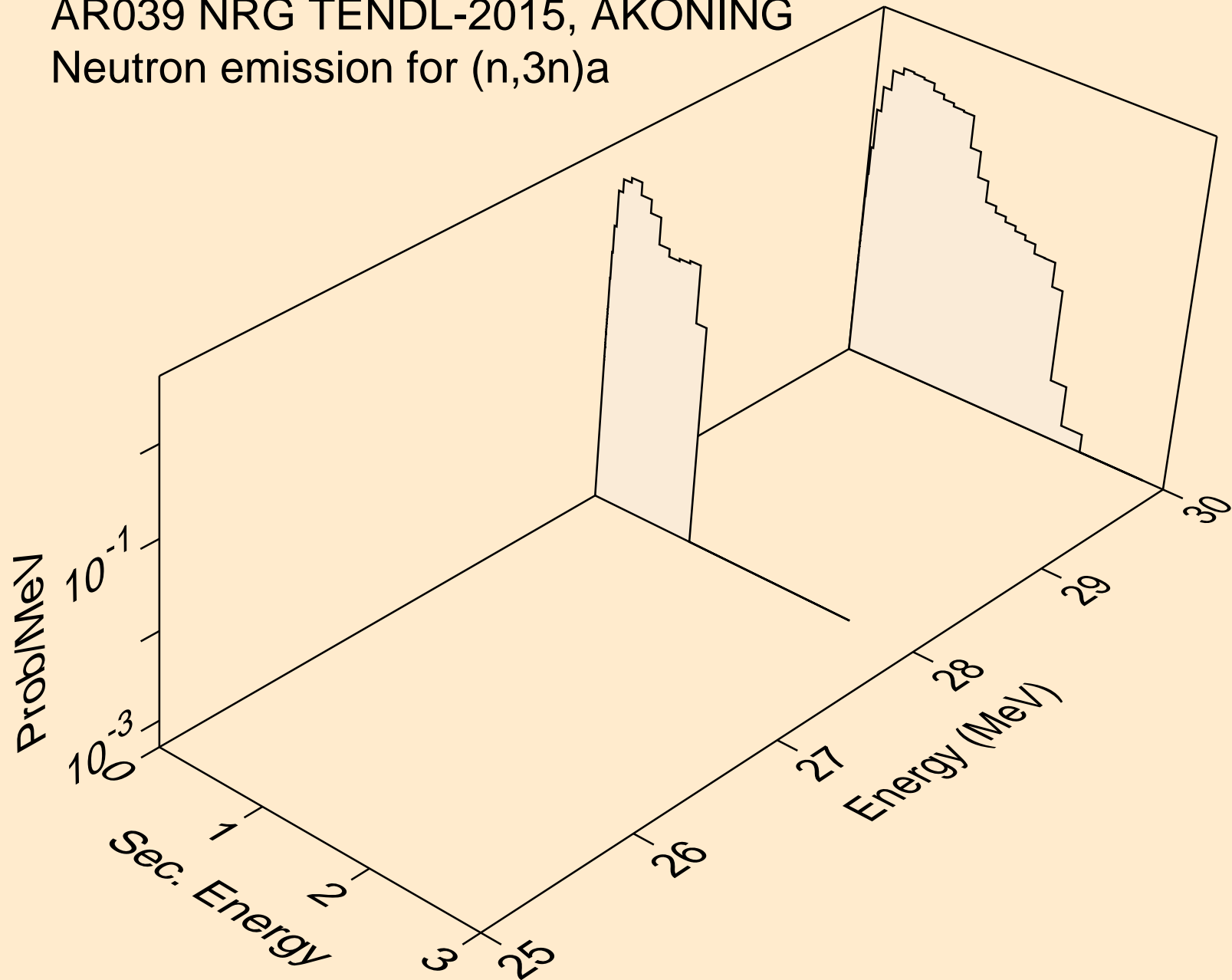
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



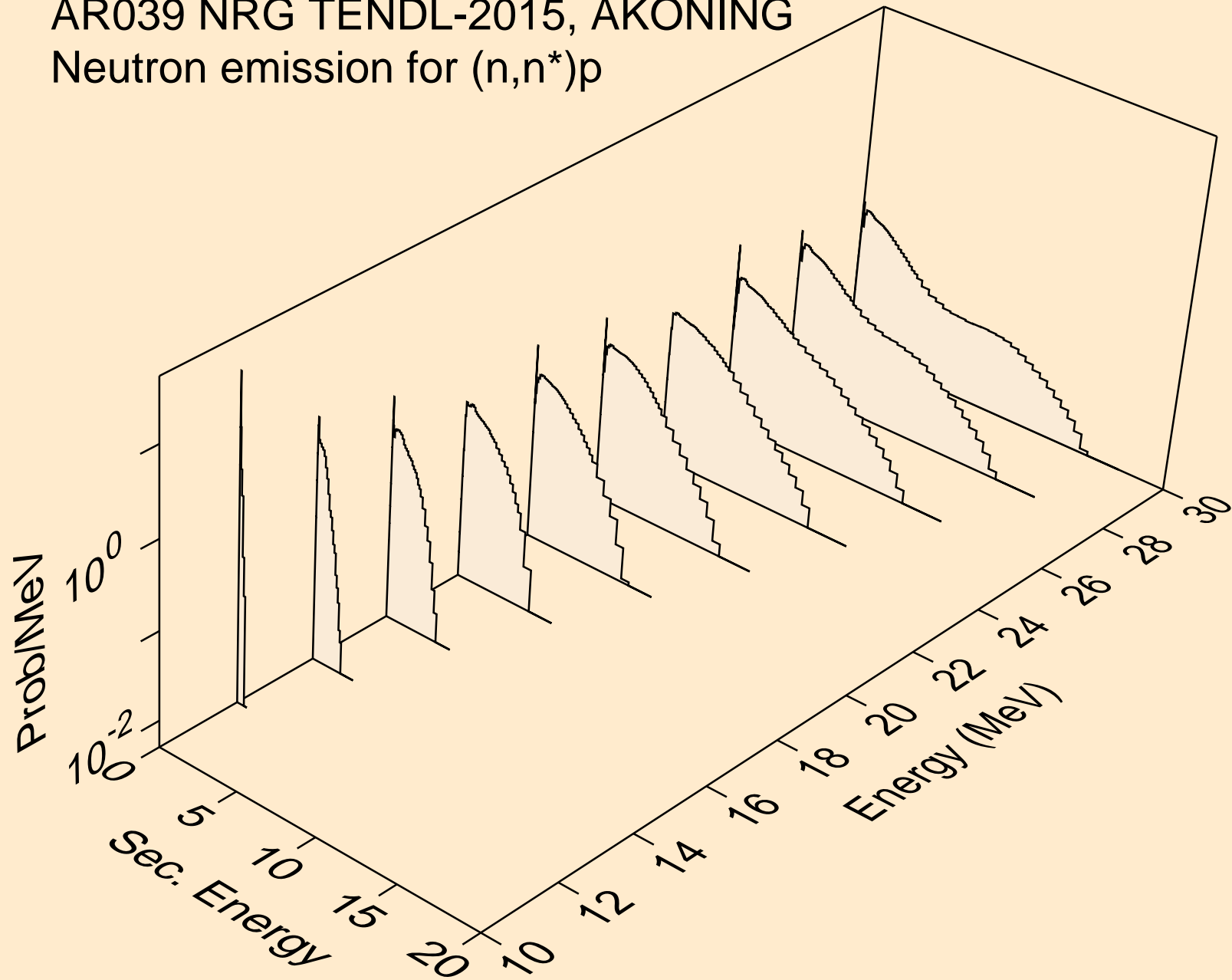
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

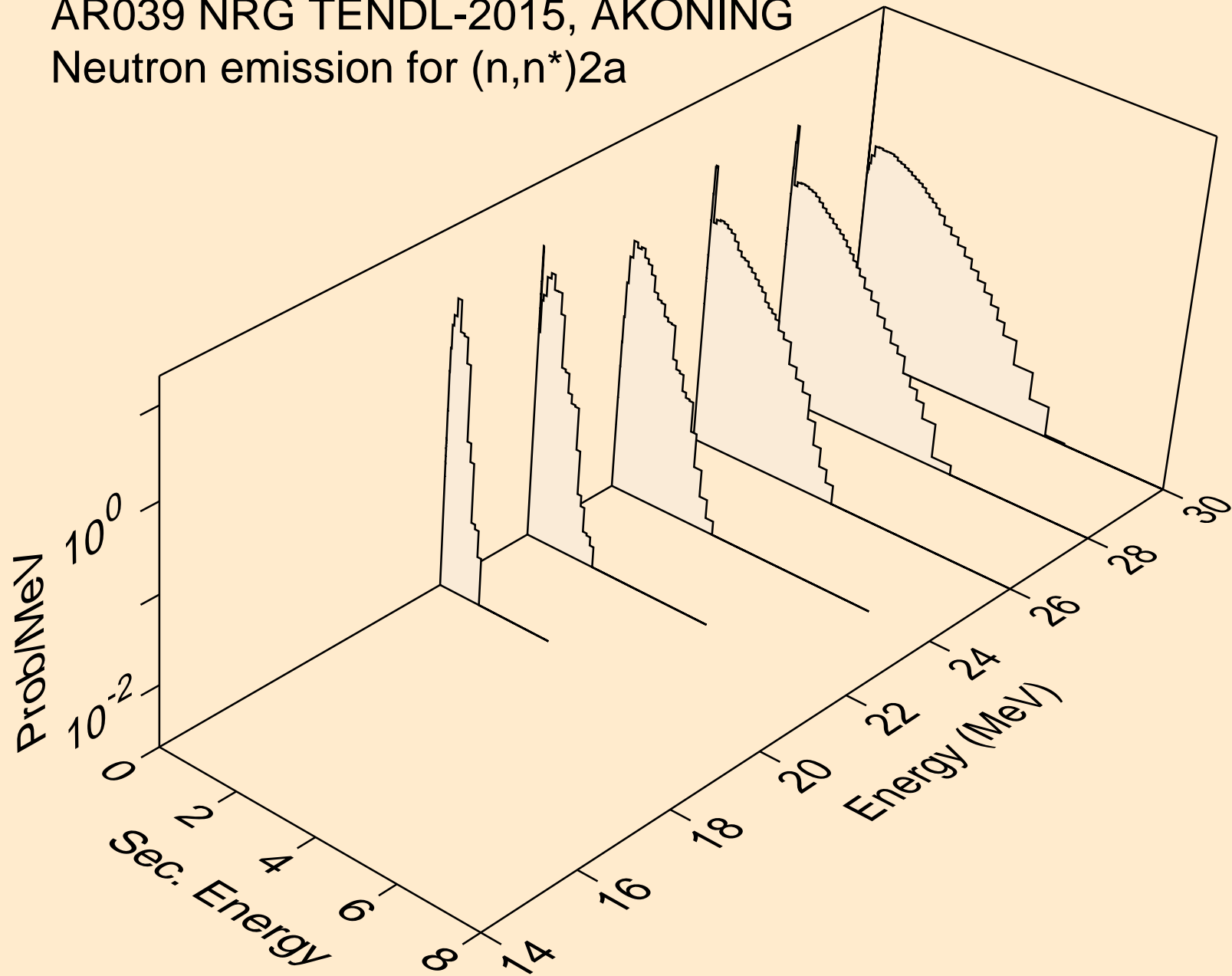


AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

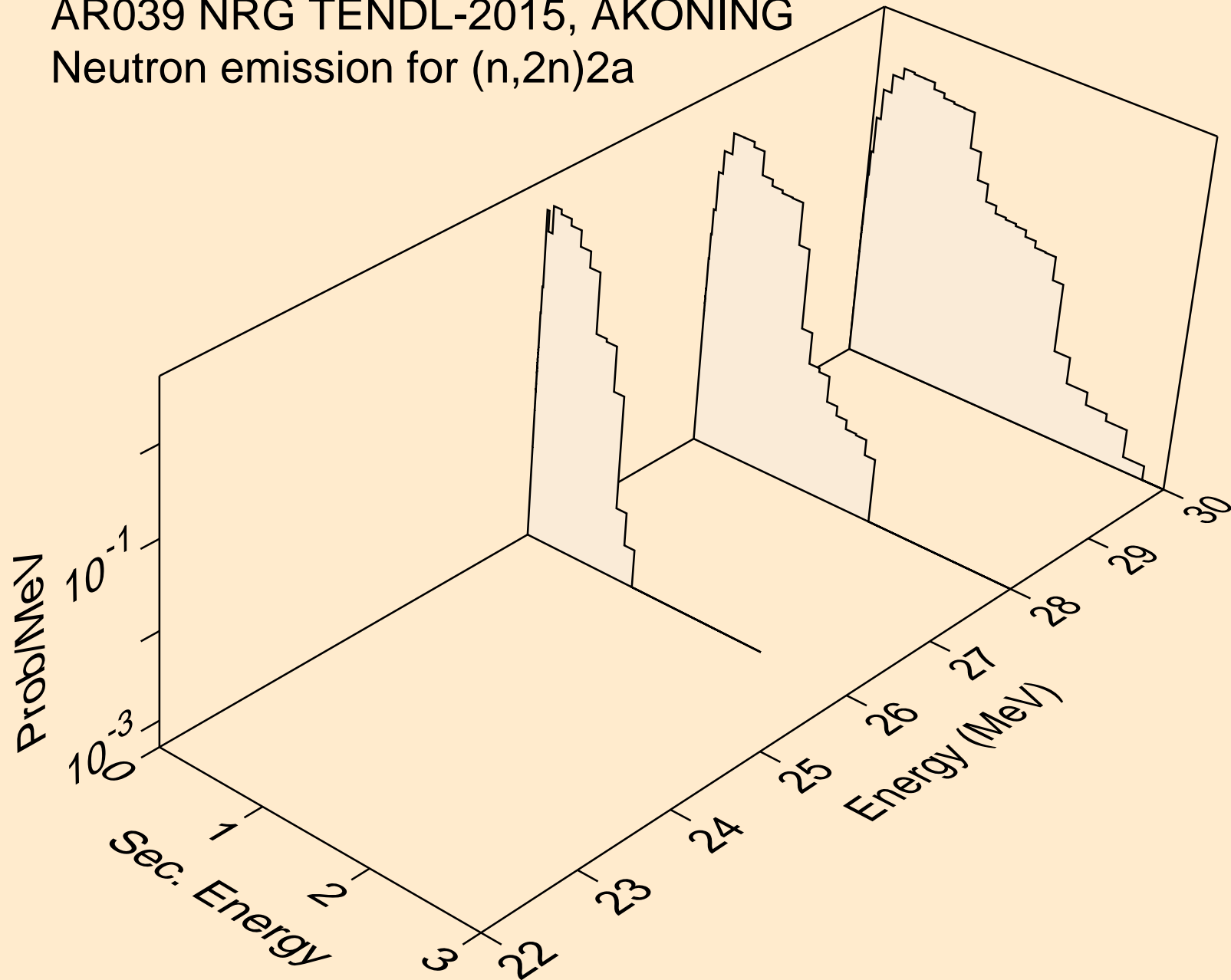




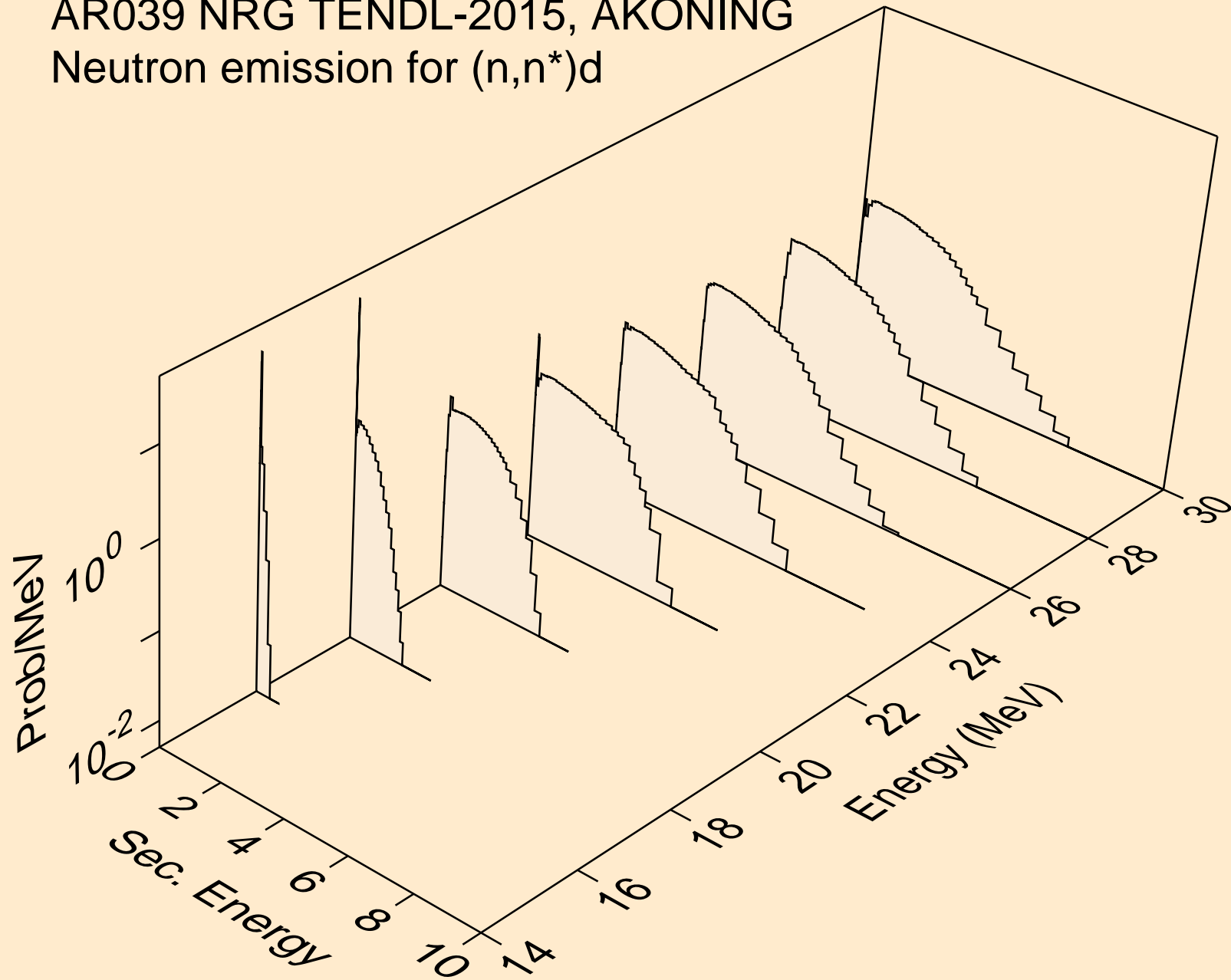
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



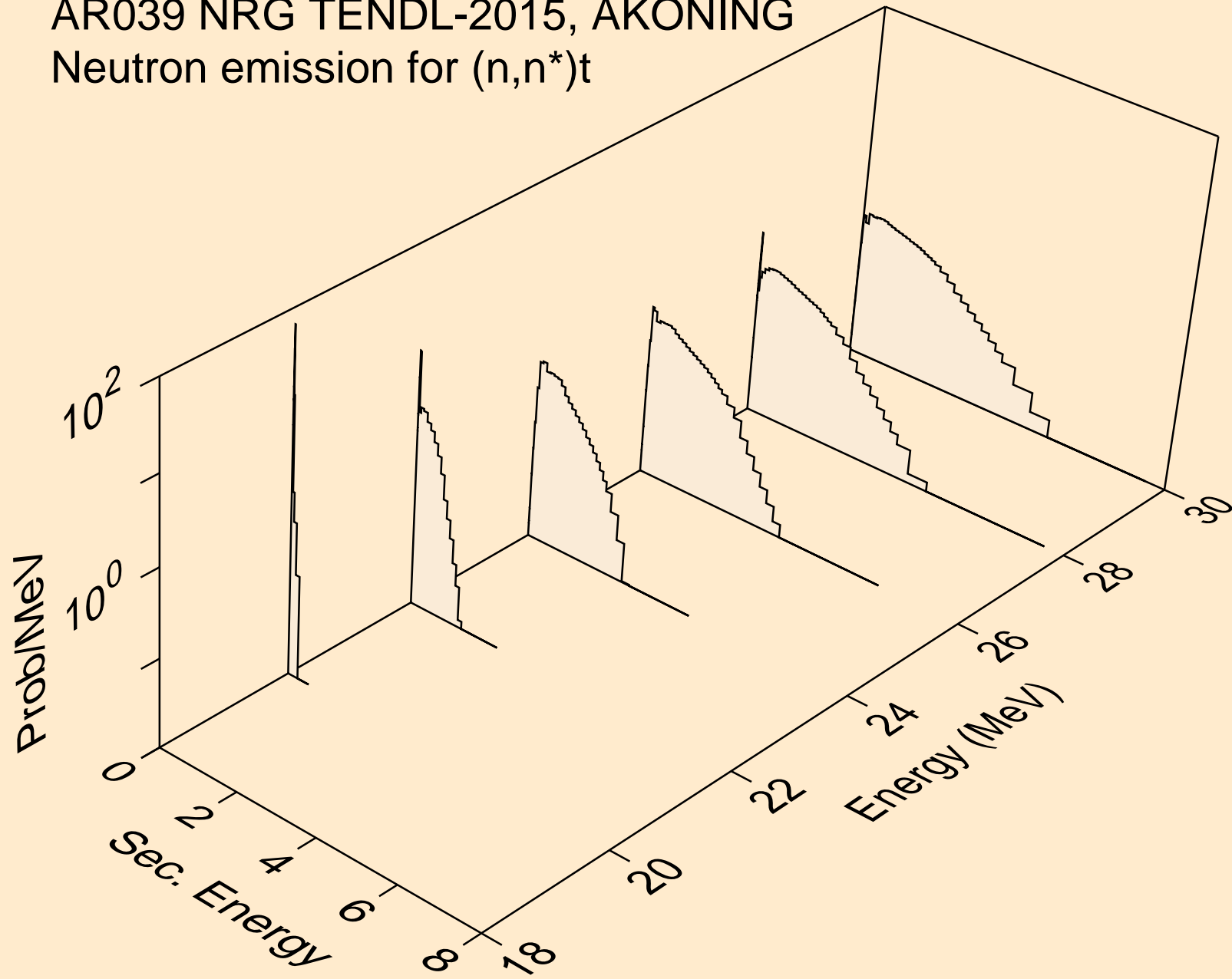
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



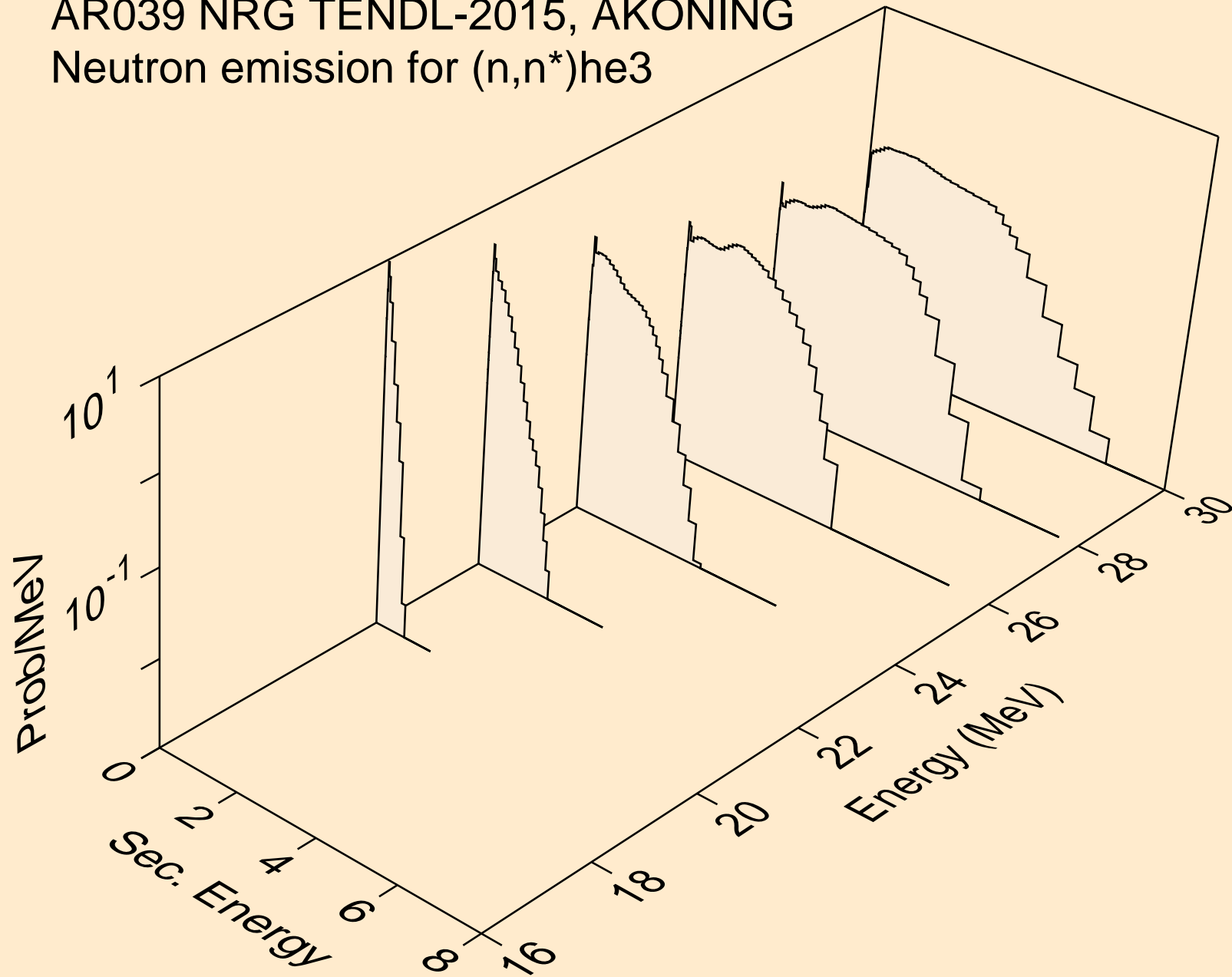
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



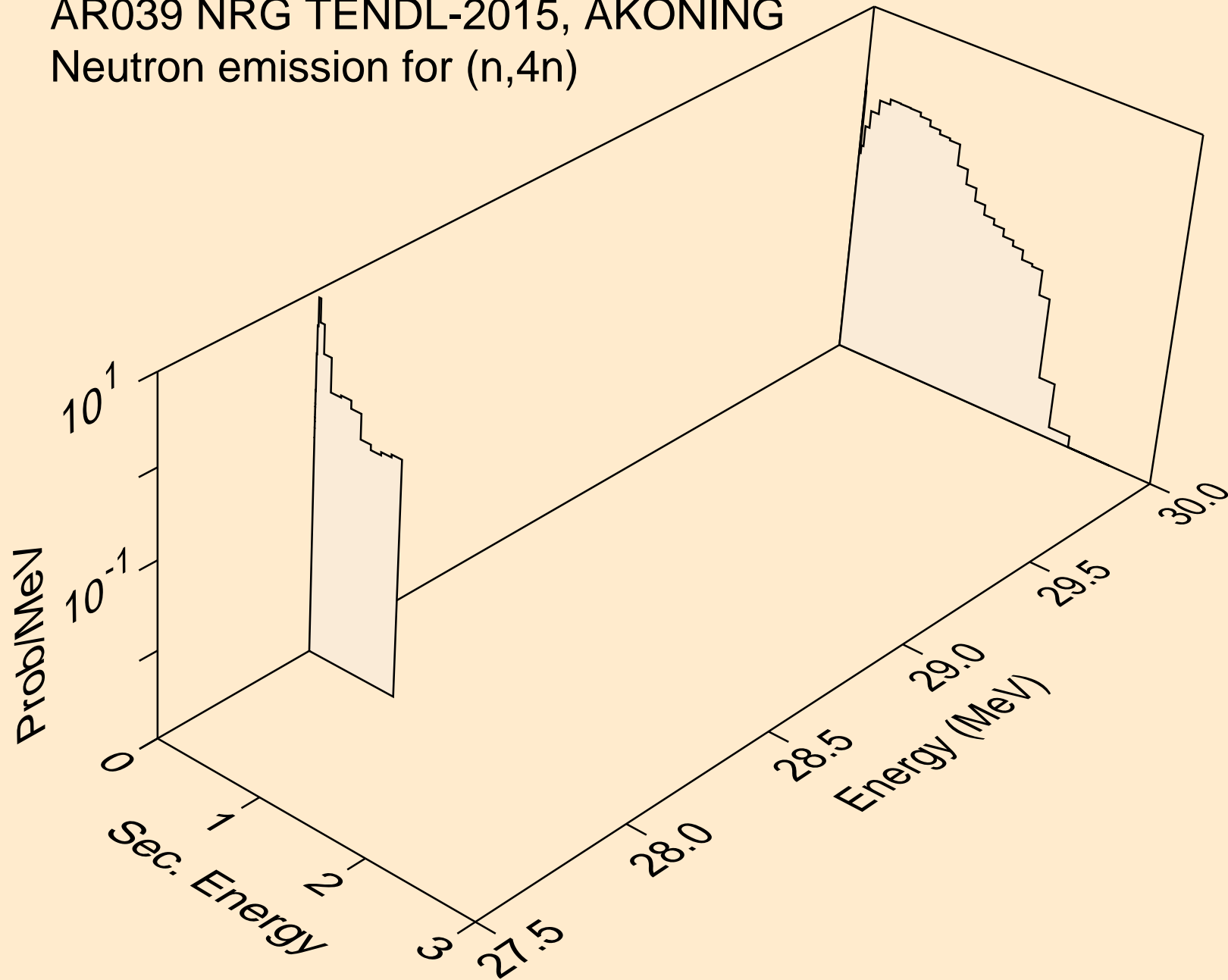
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



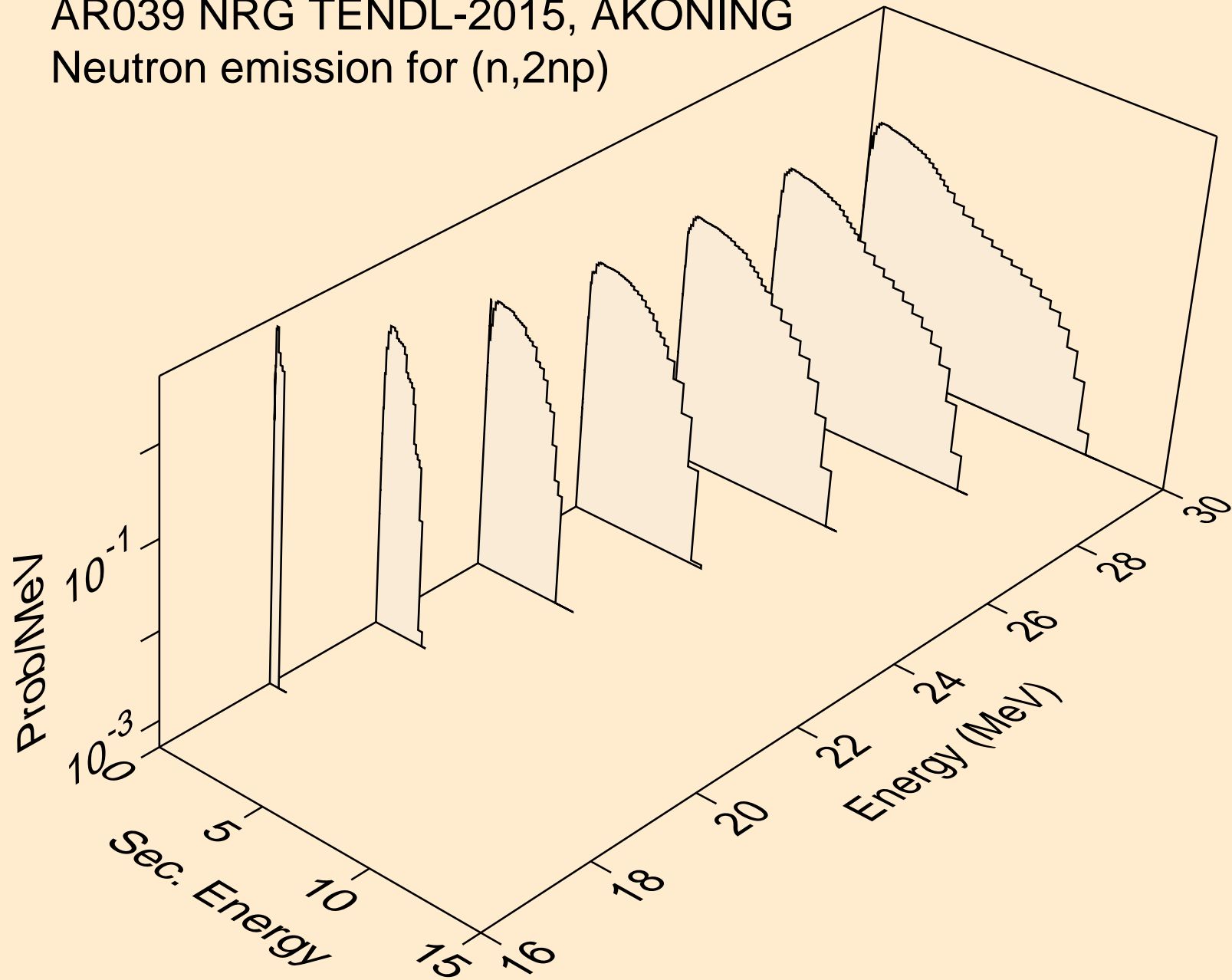
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



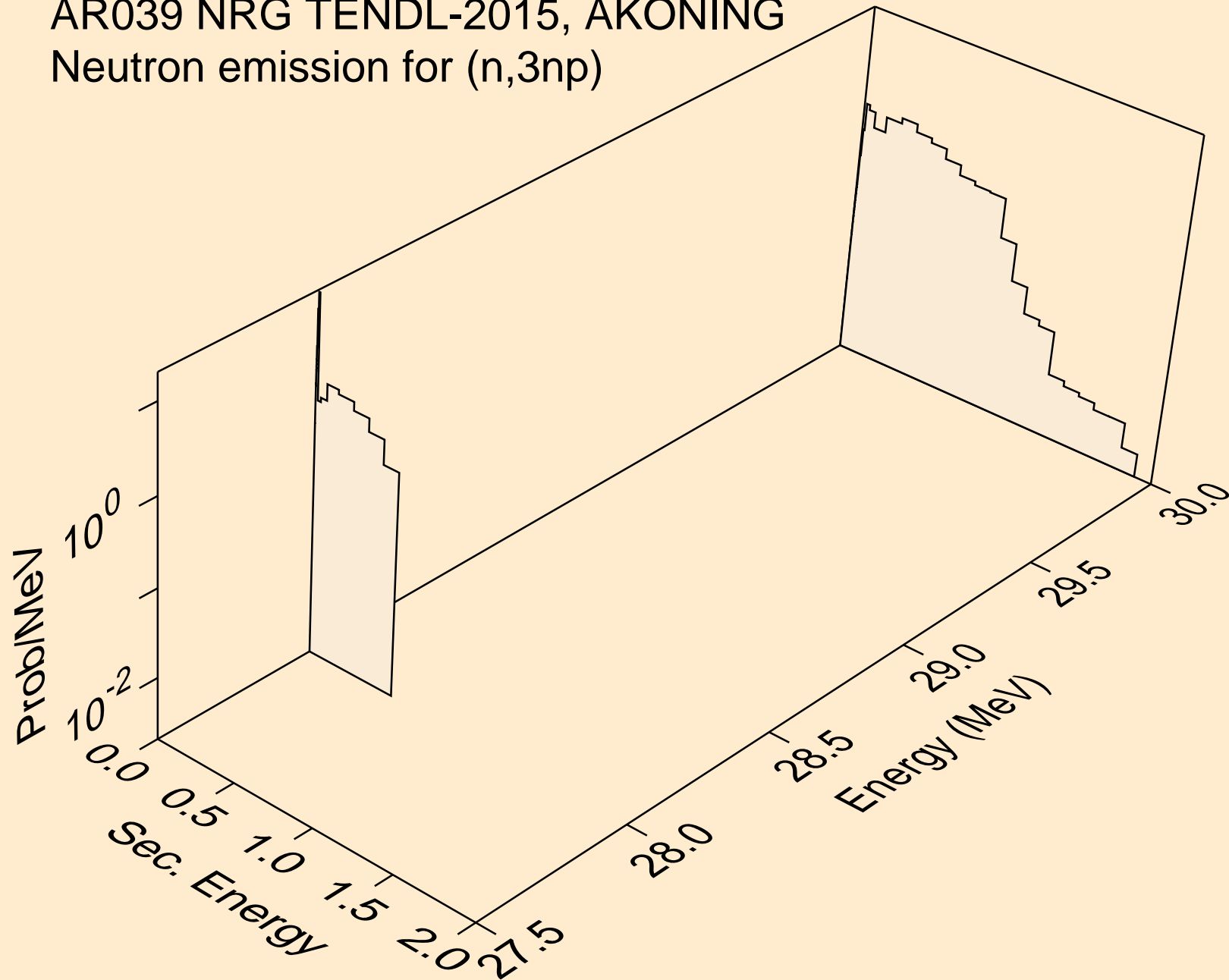
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

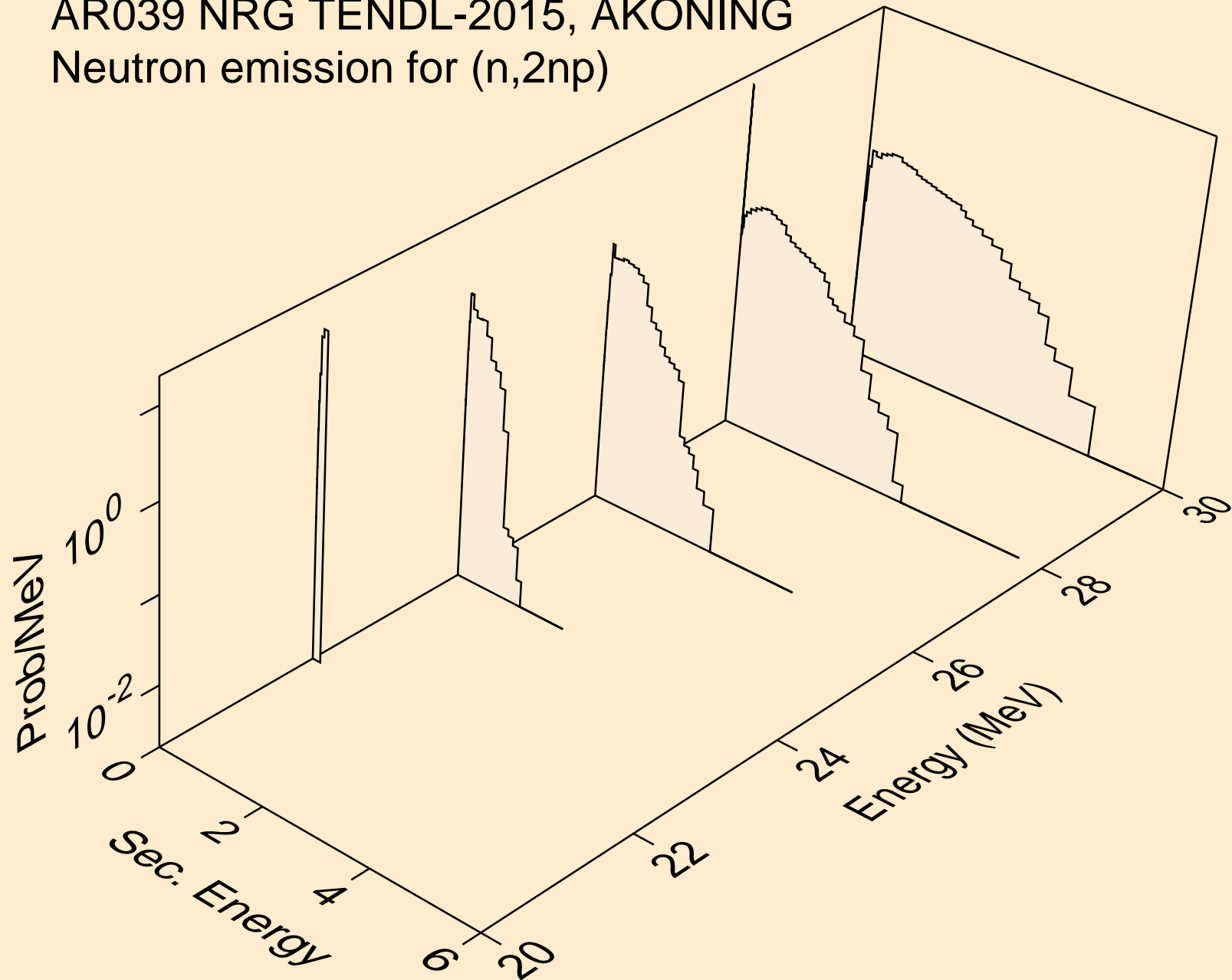


AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

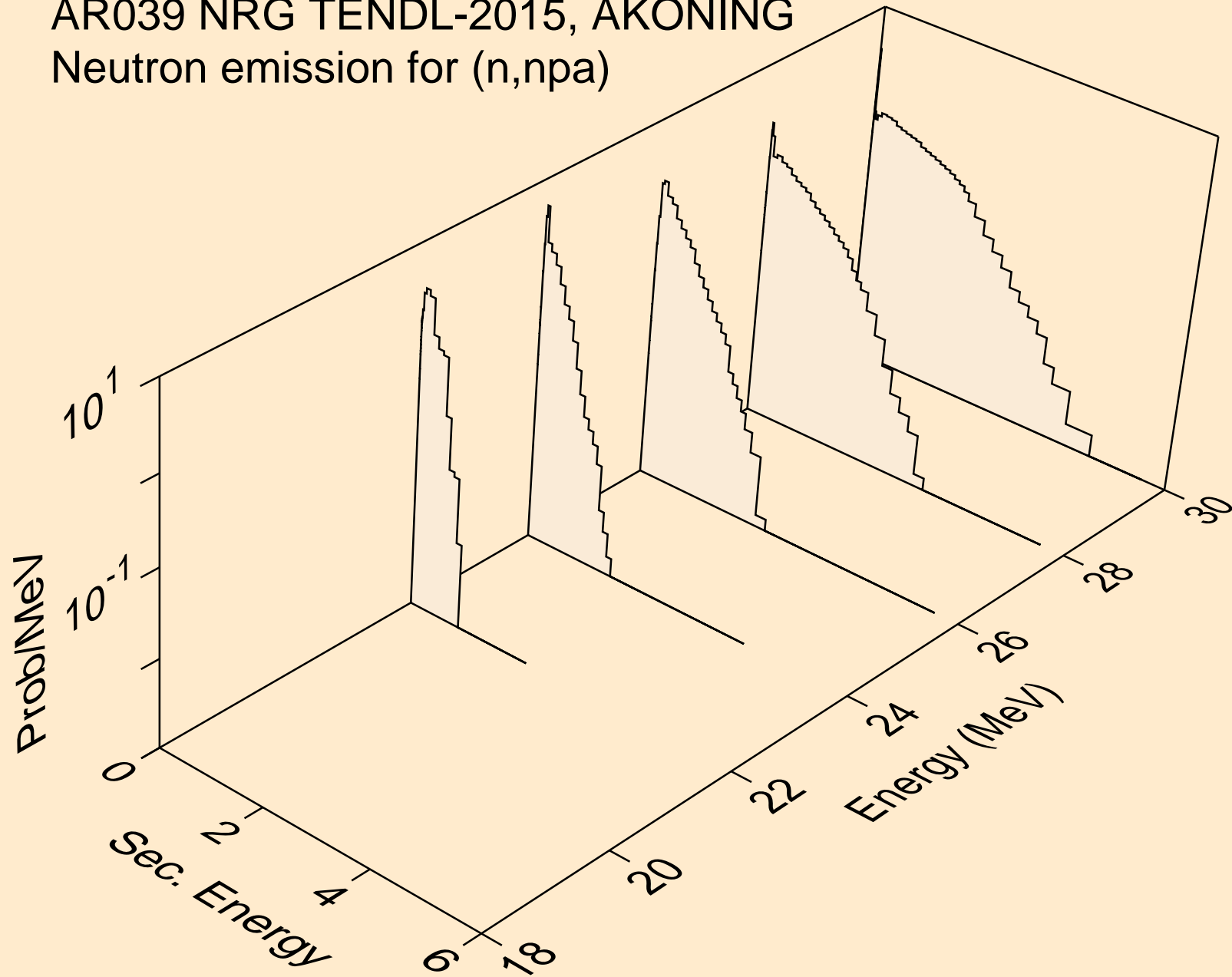




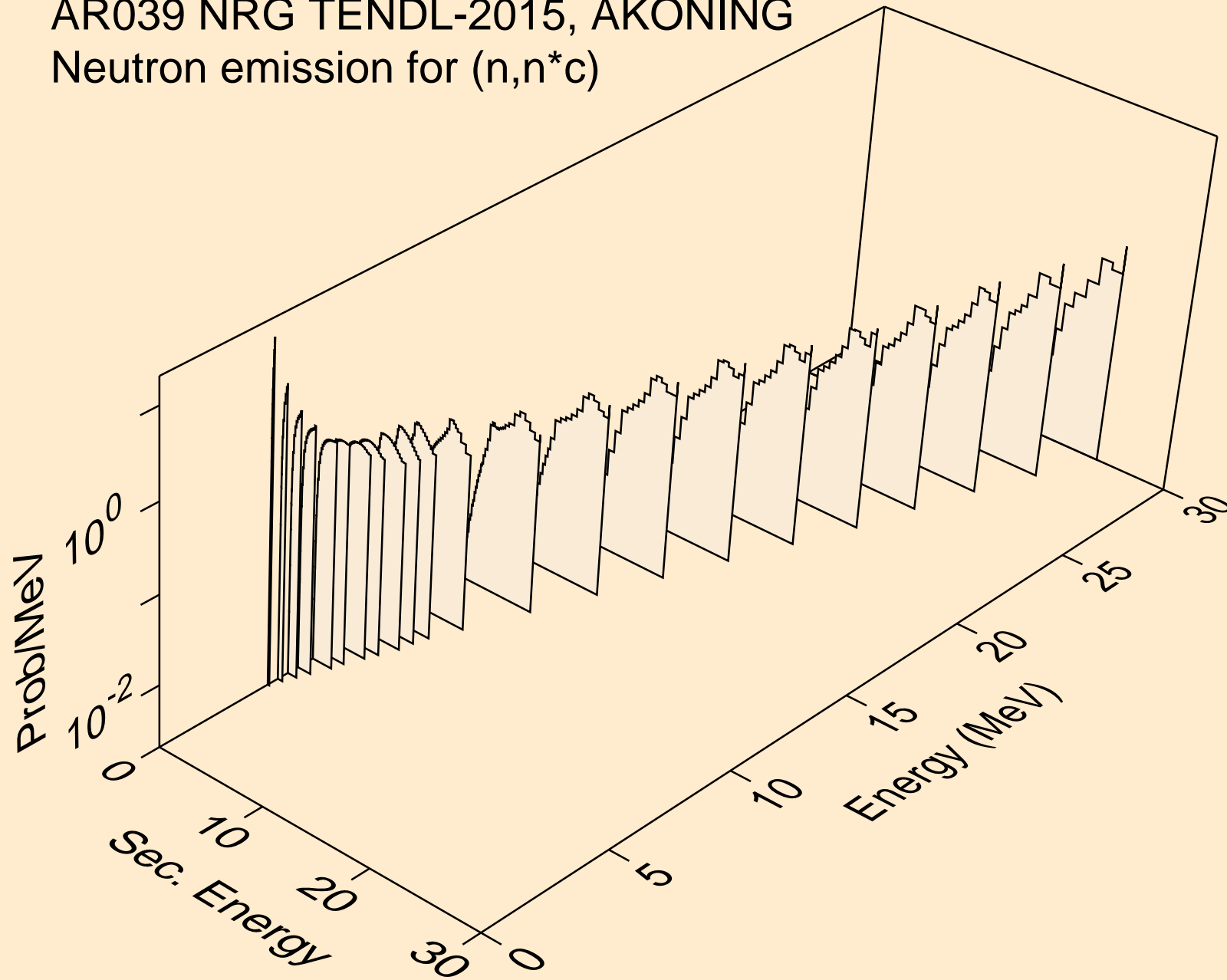
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



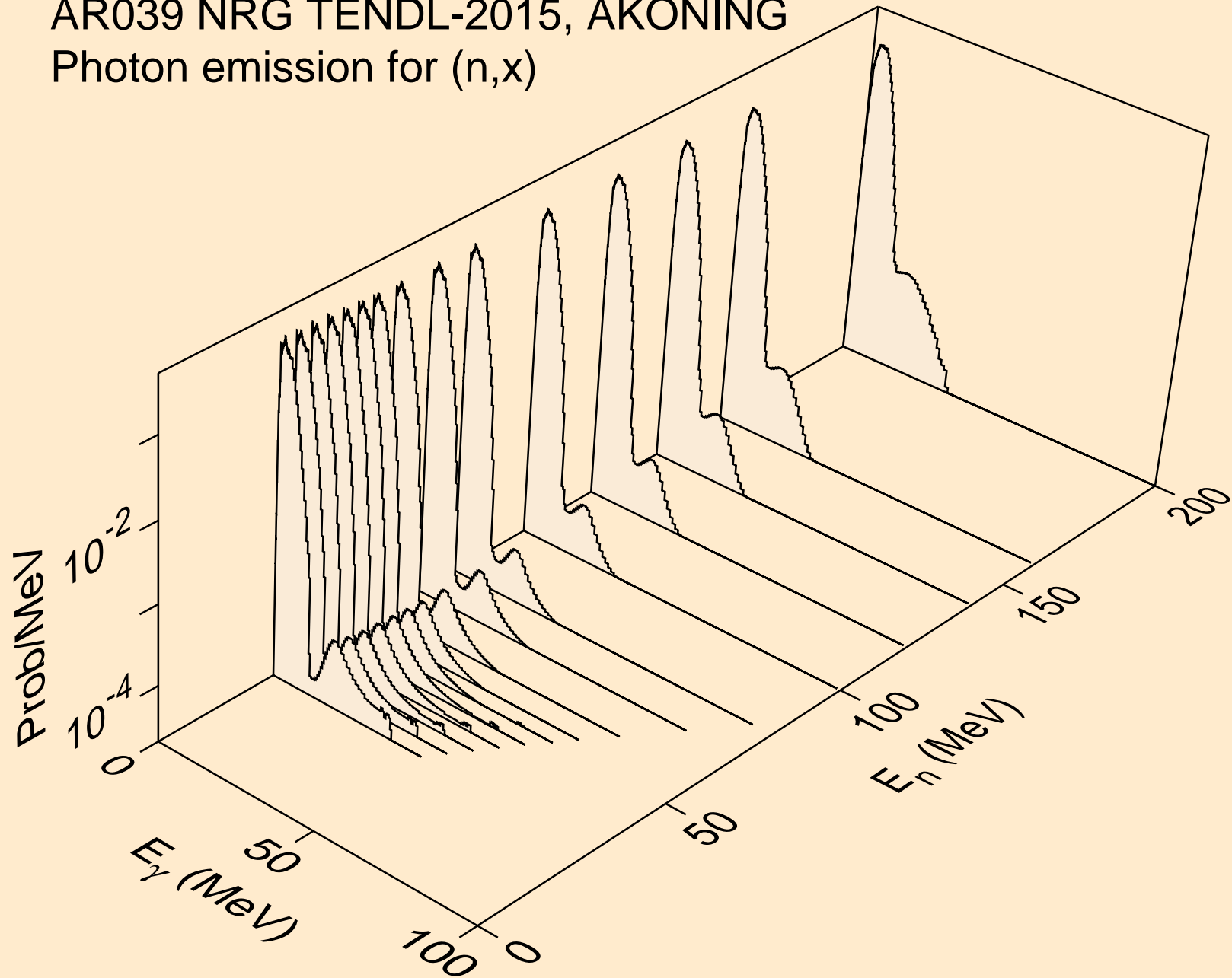
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



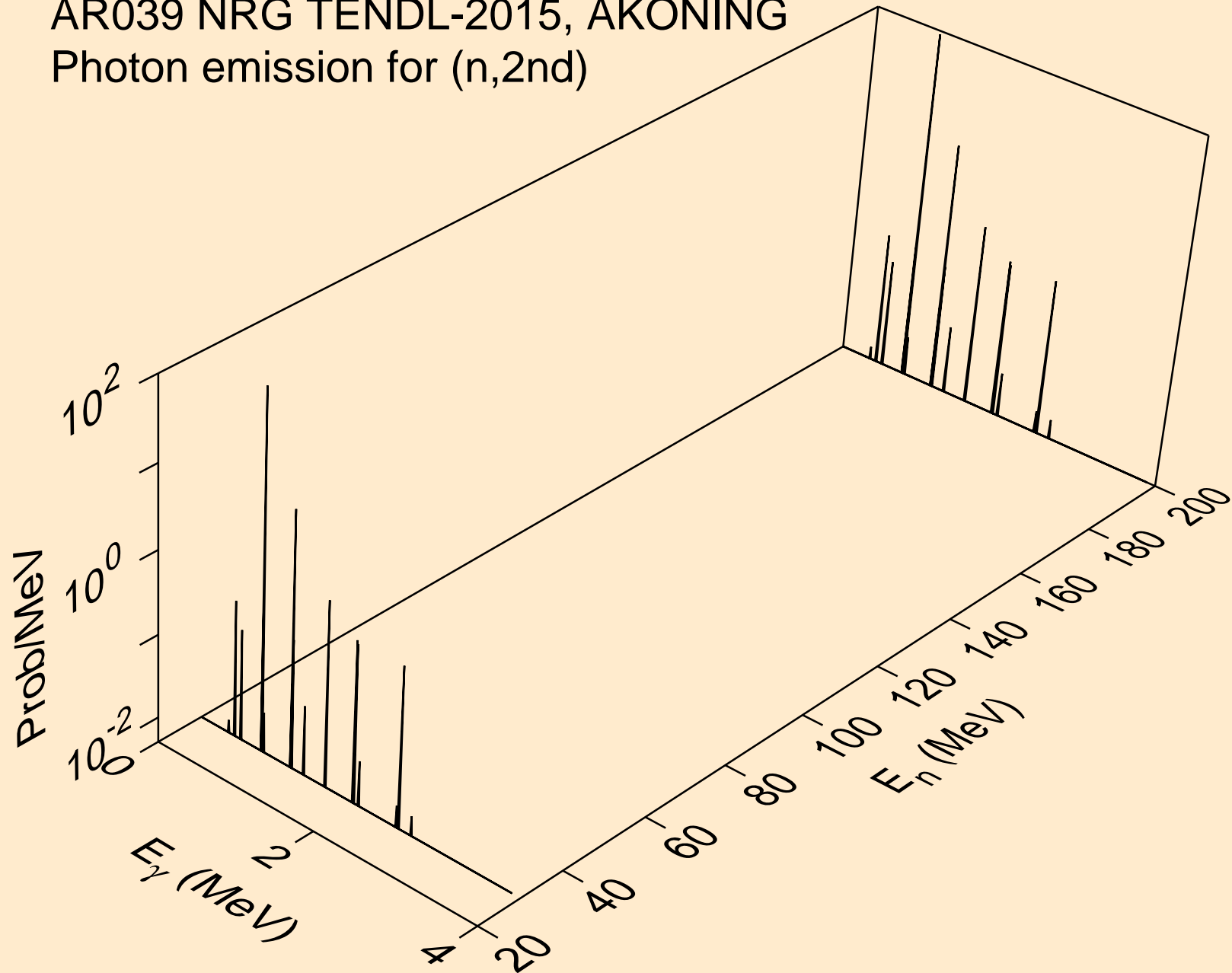
AR039 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



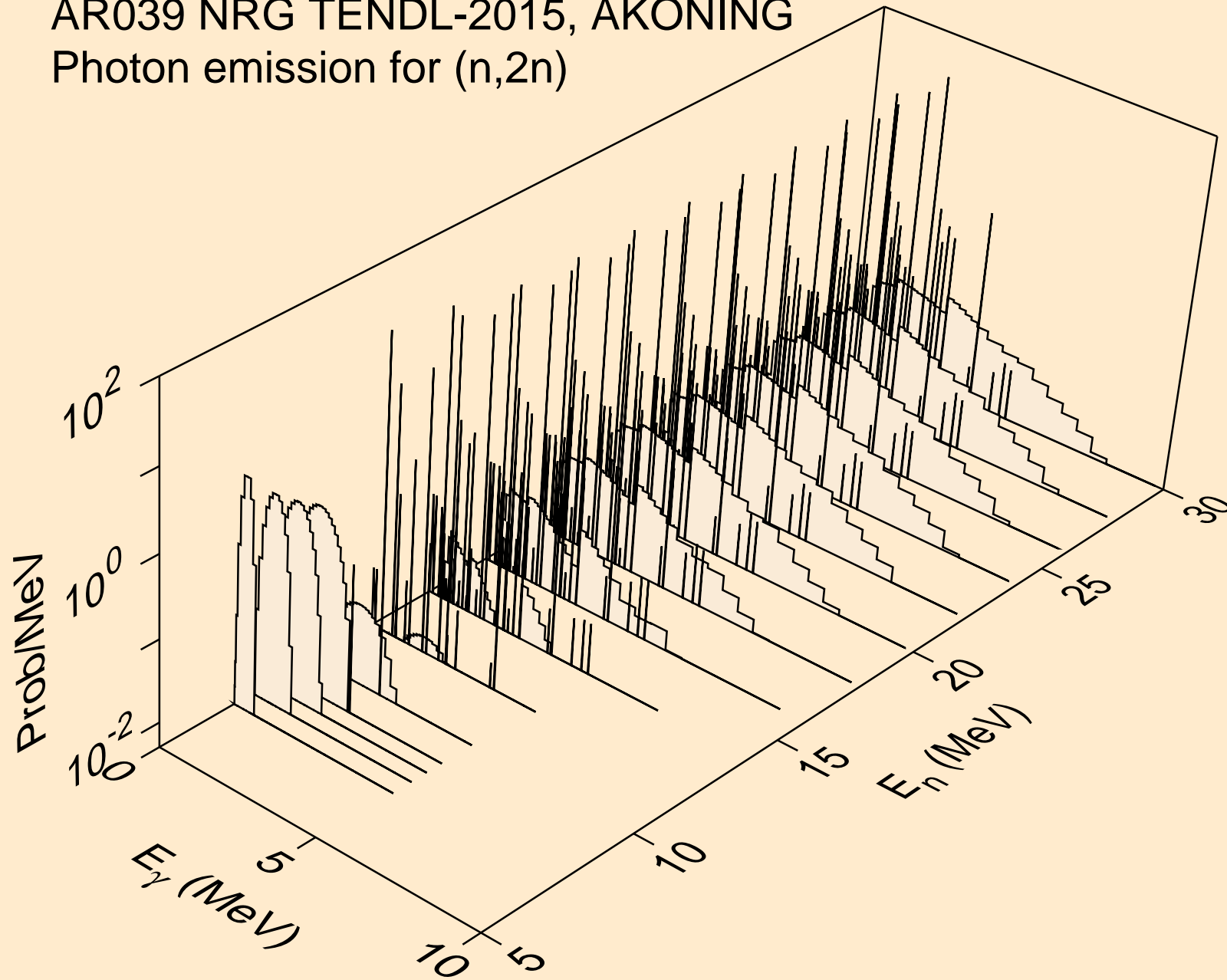
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



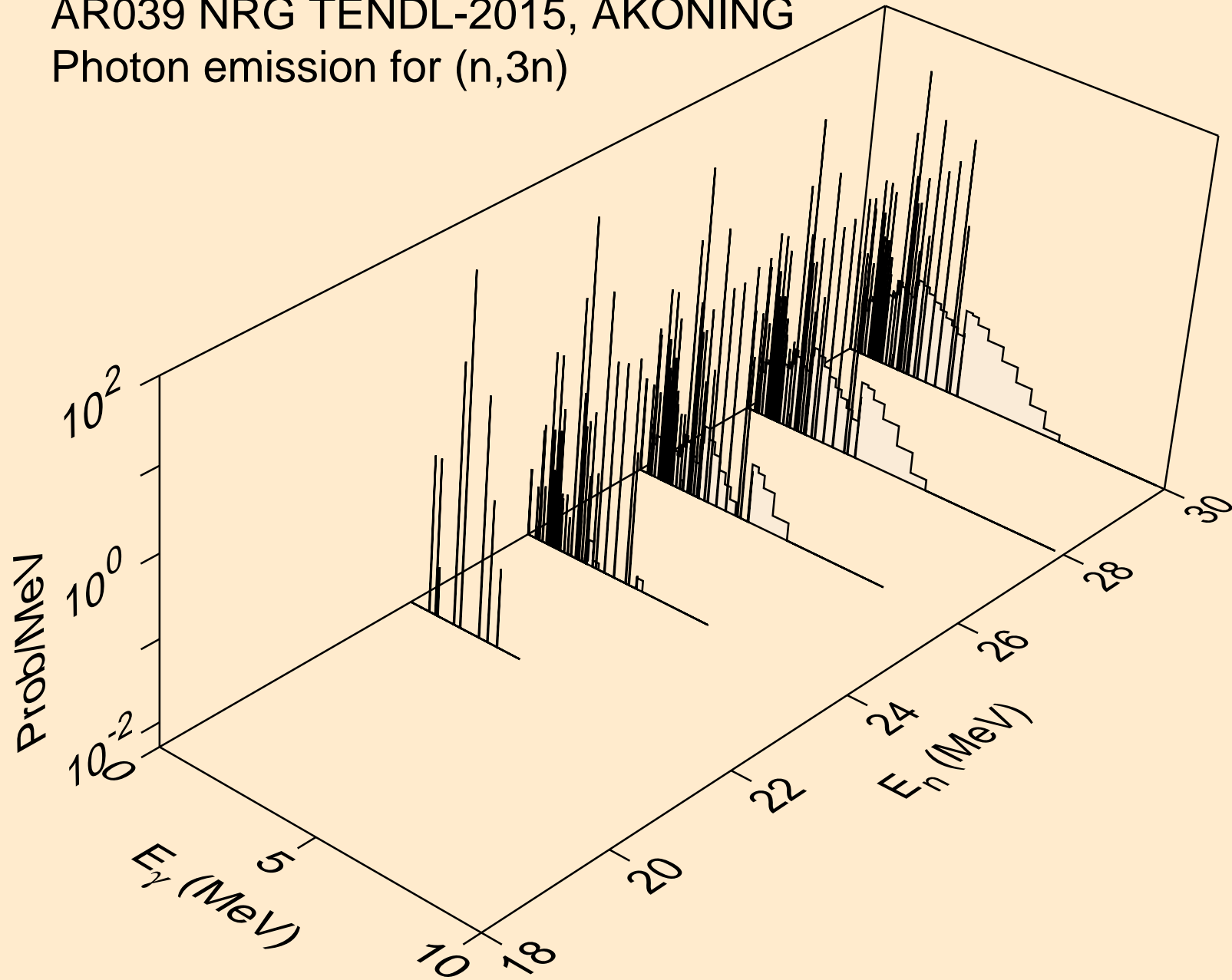
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



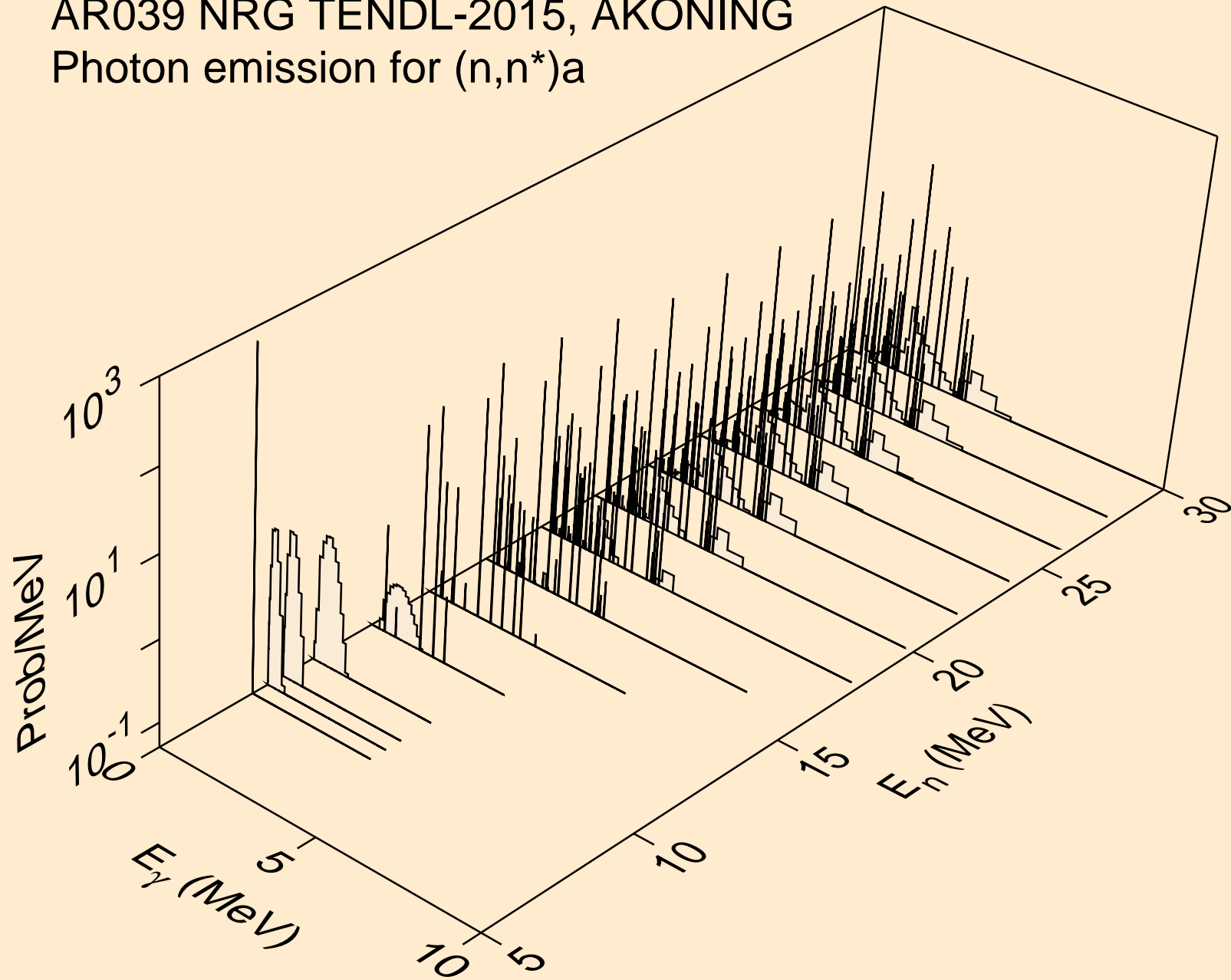
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

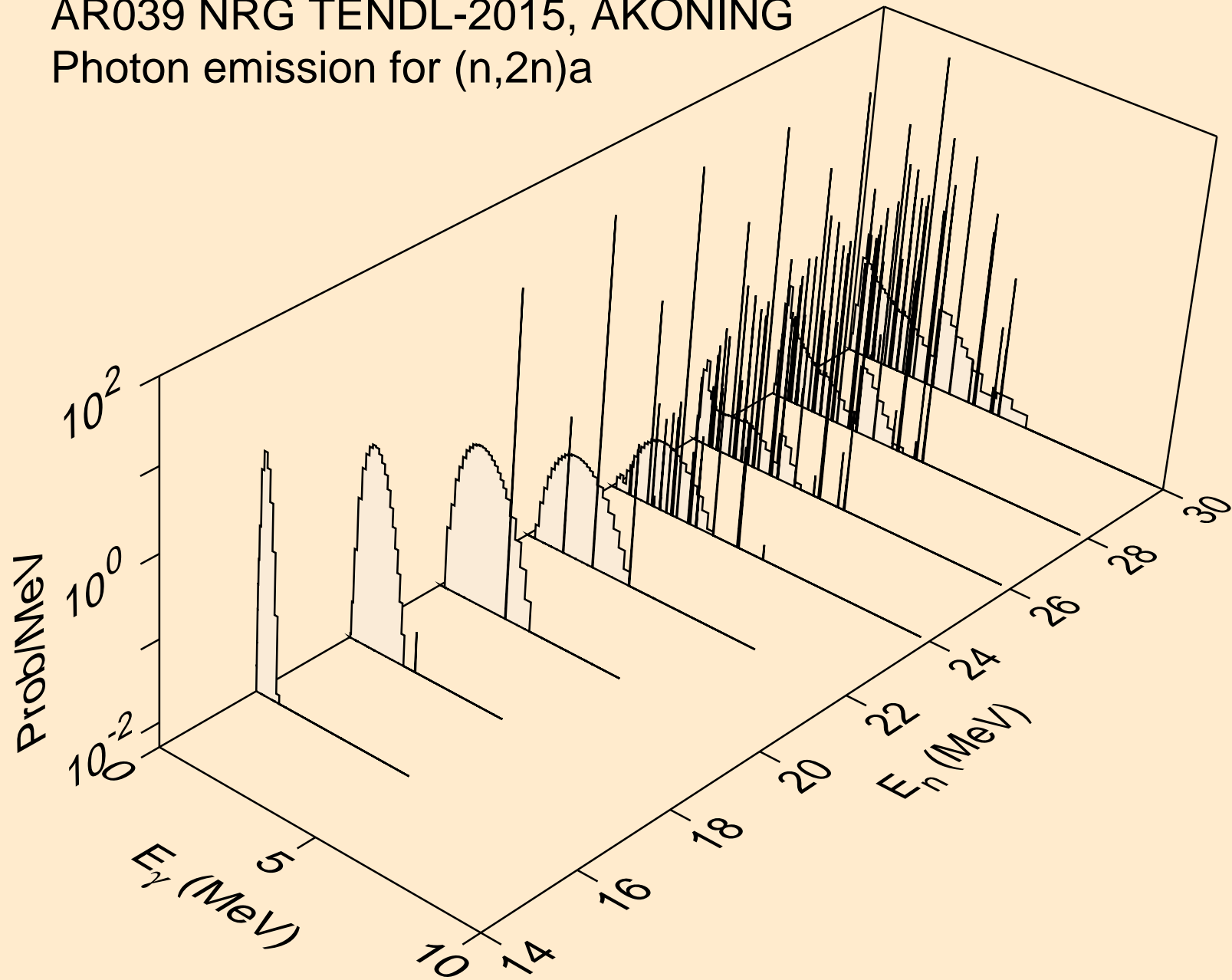


AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

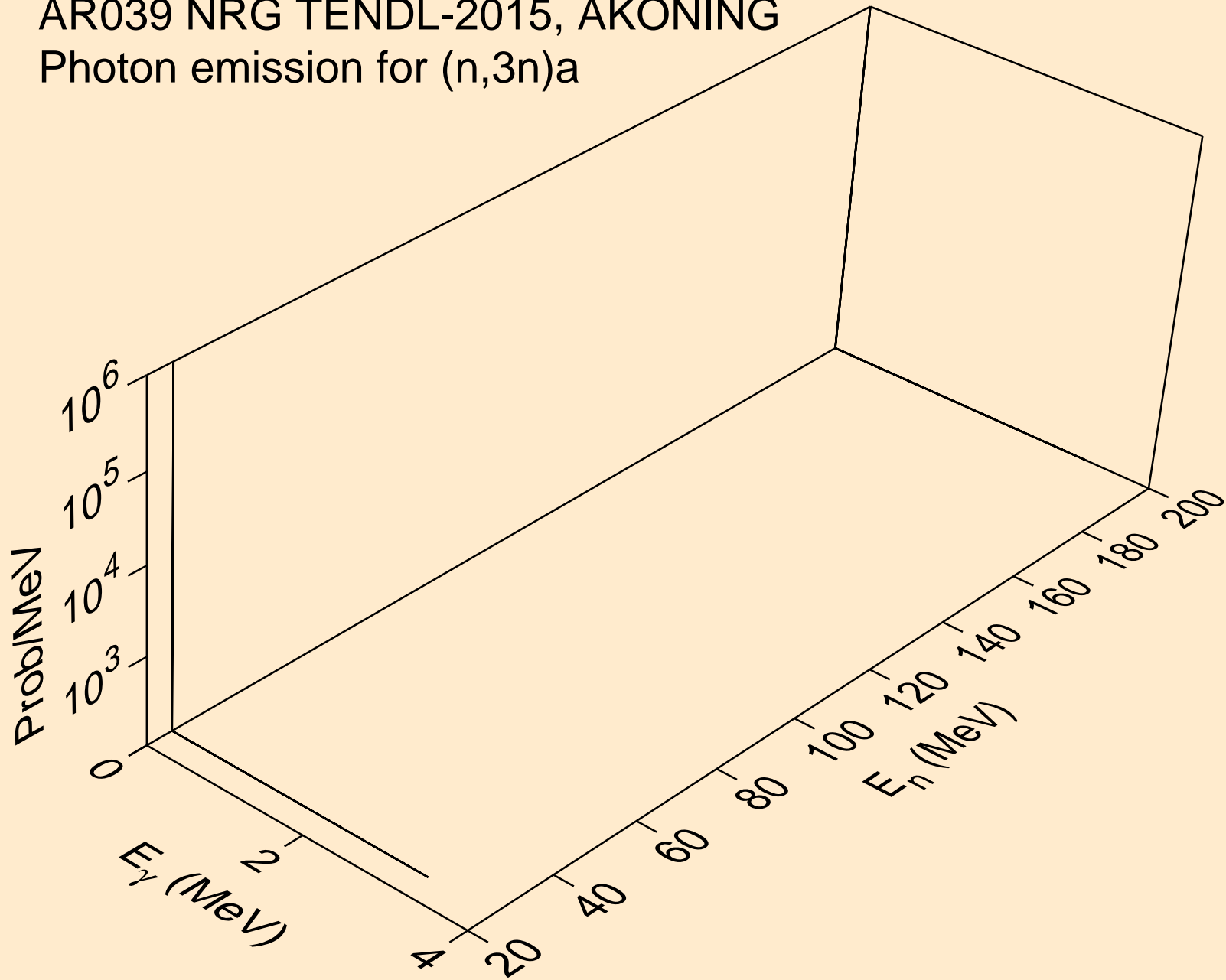




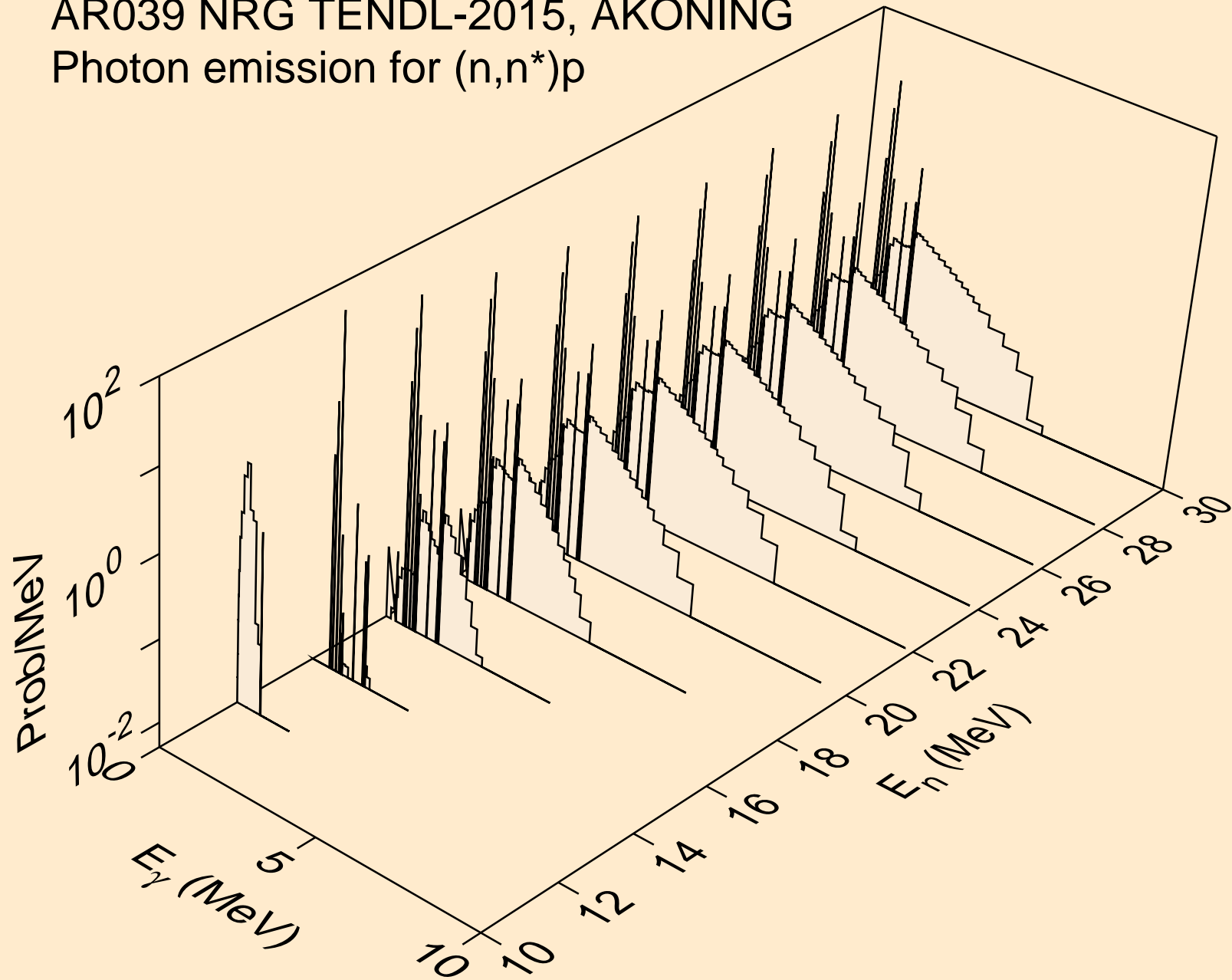
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



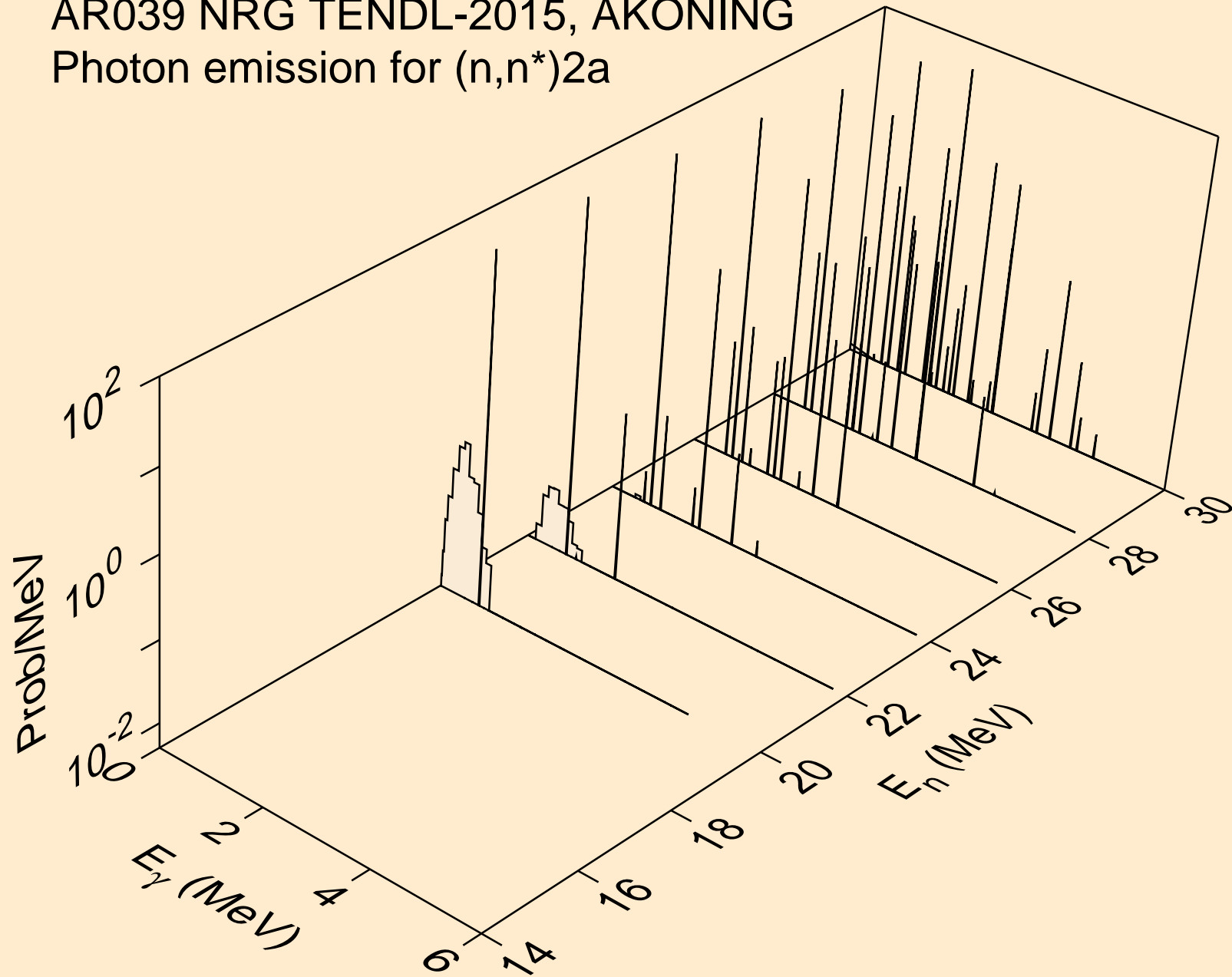
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



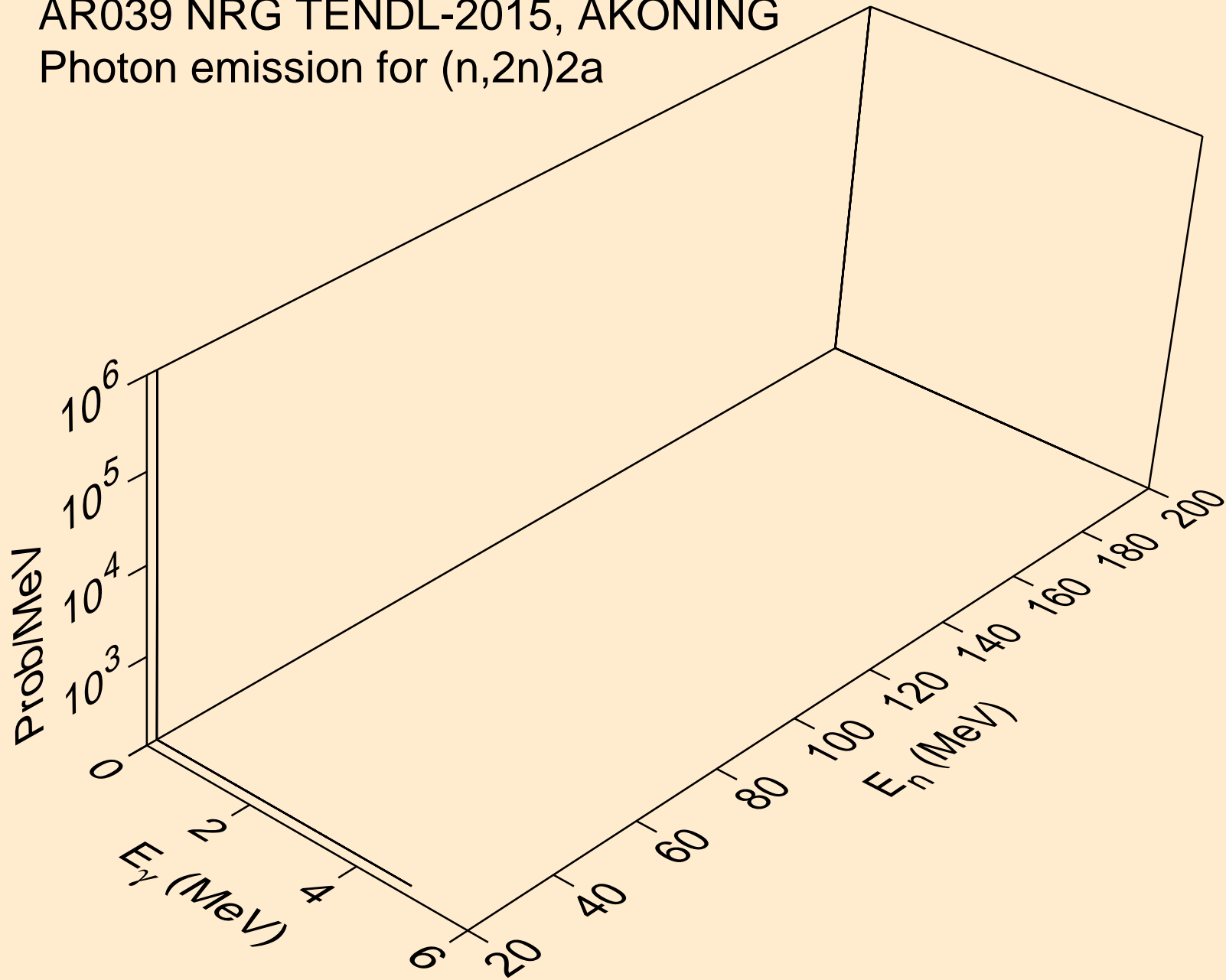
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



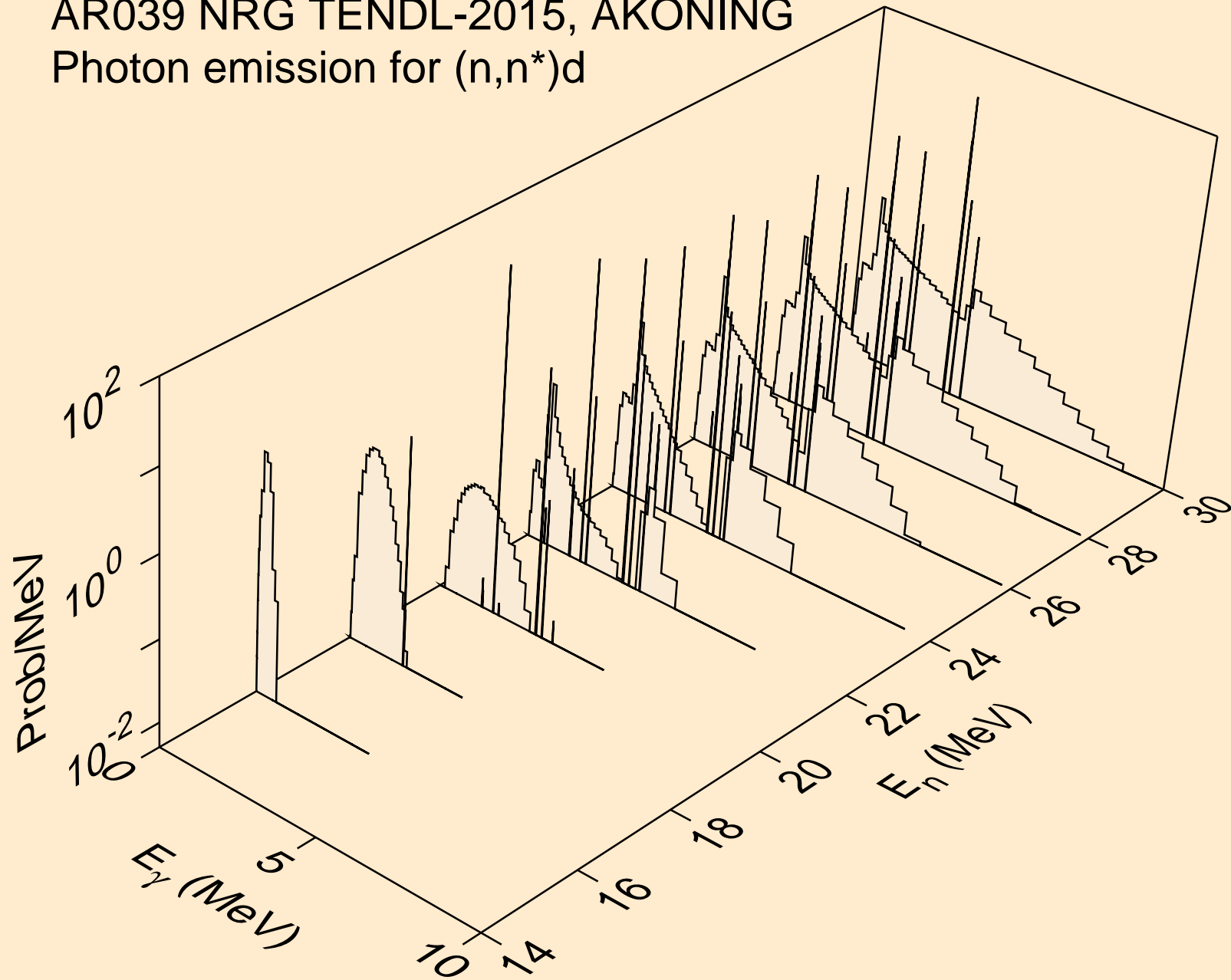
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



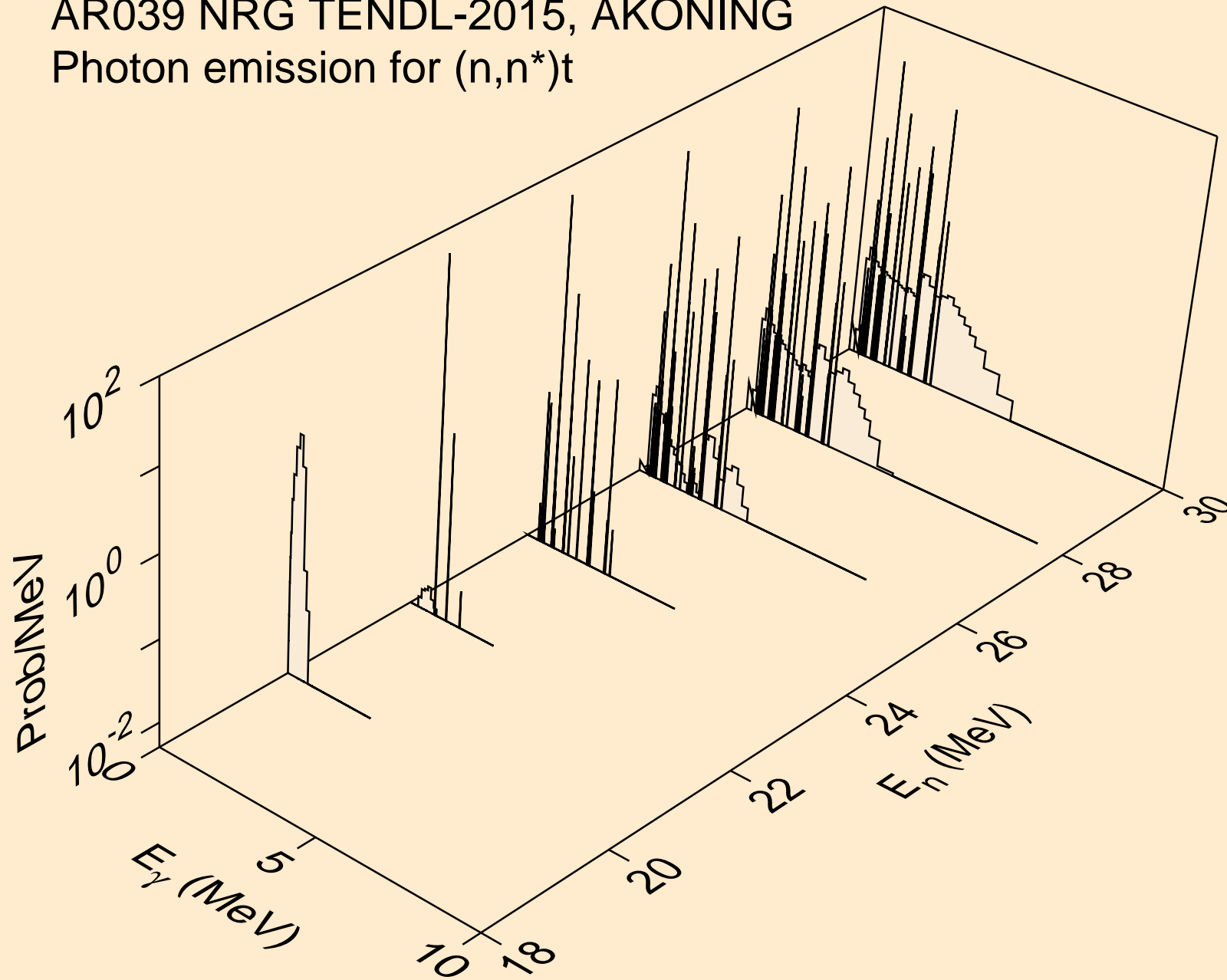
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



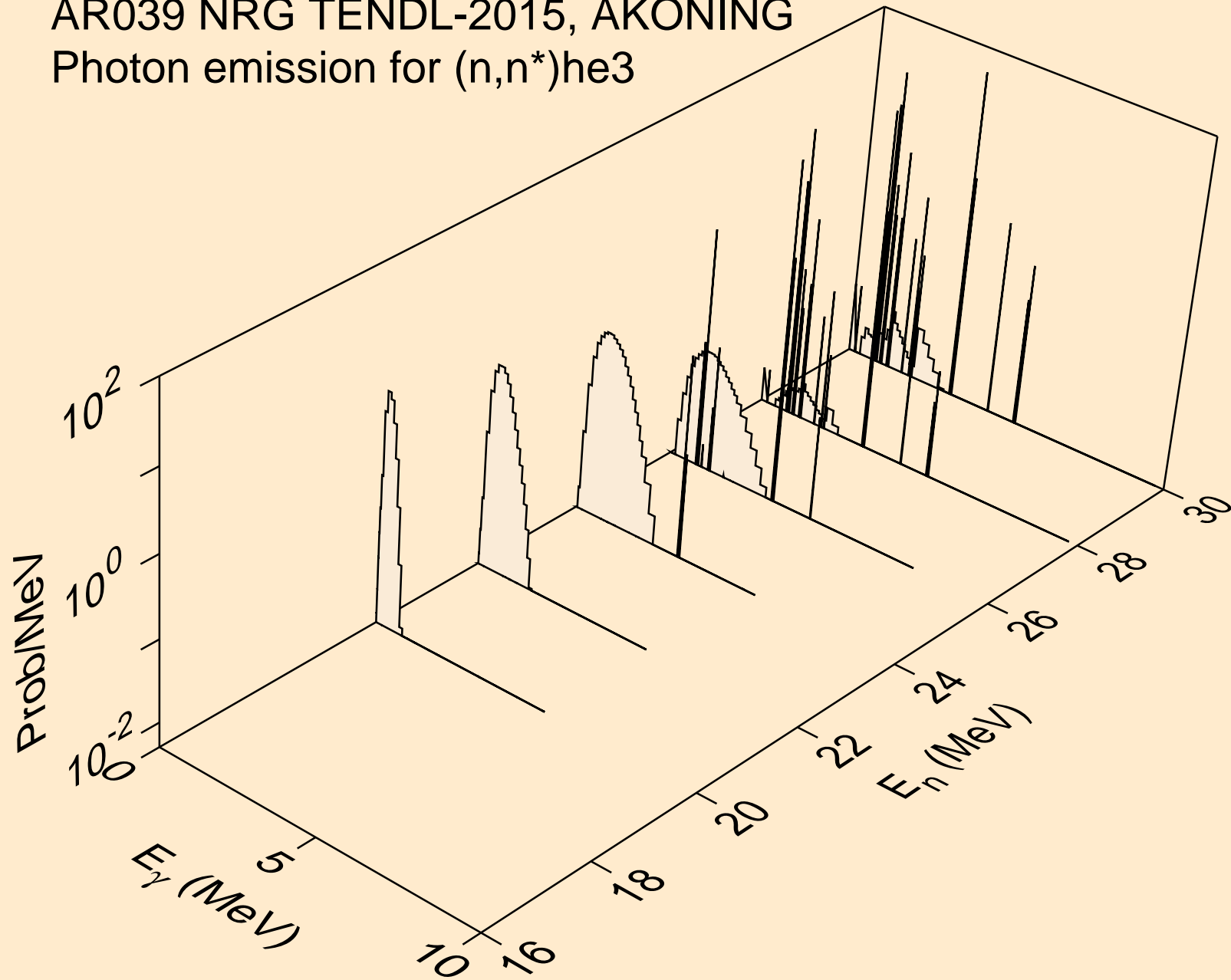
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

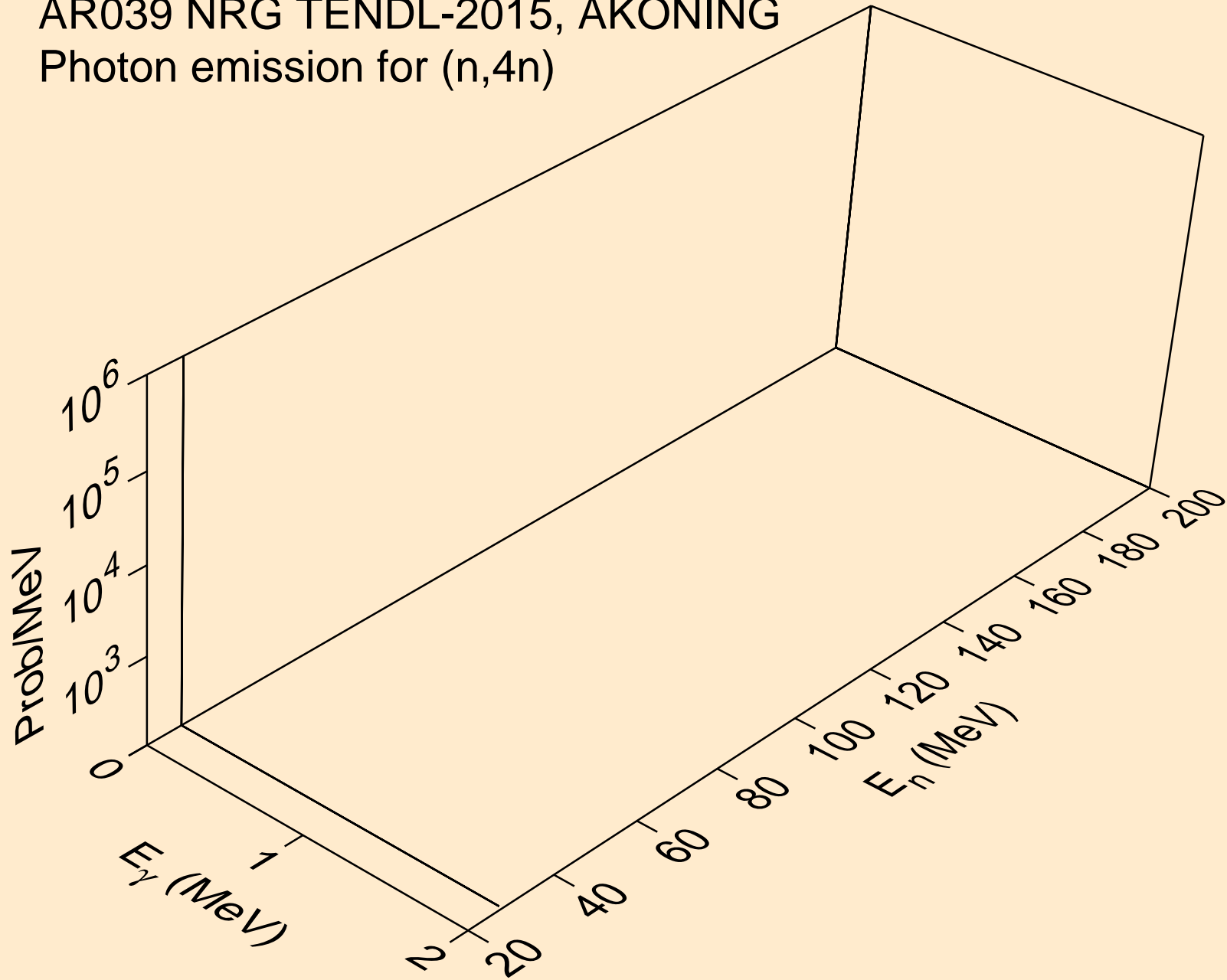


AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

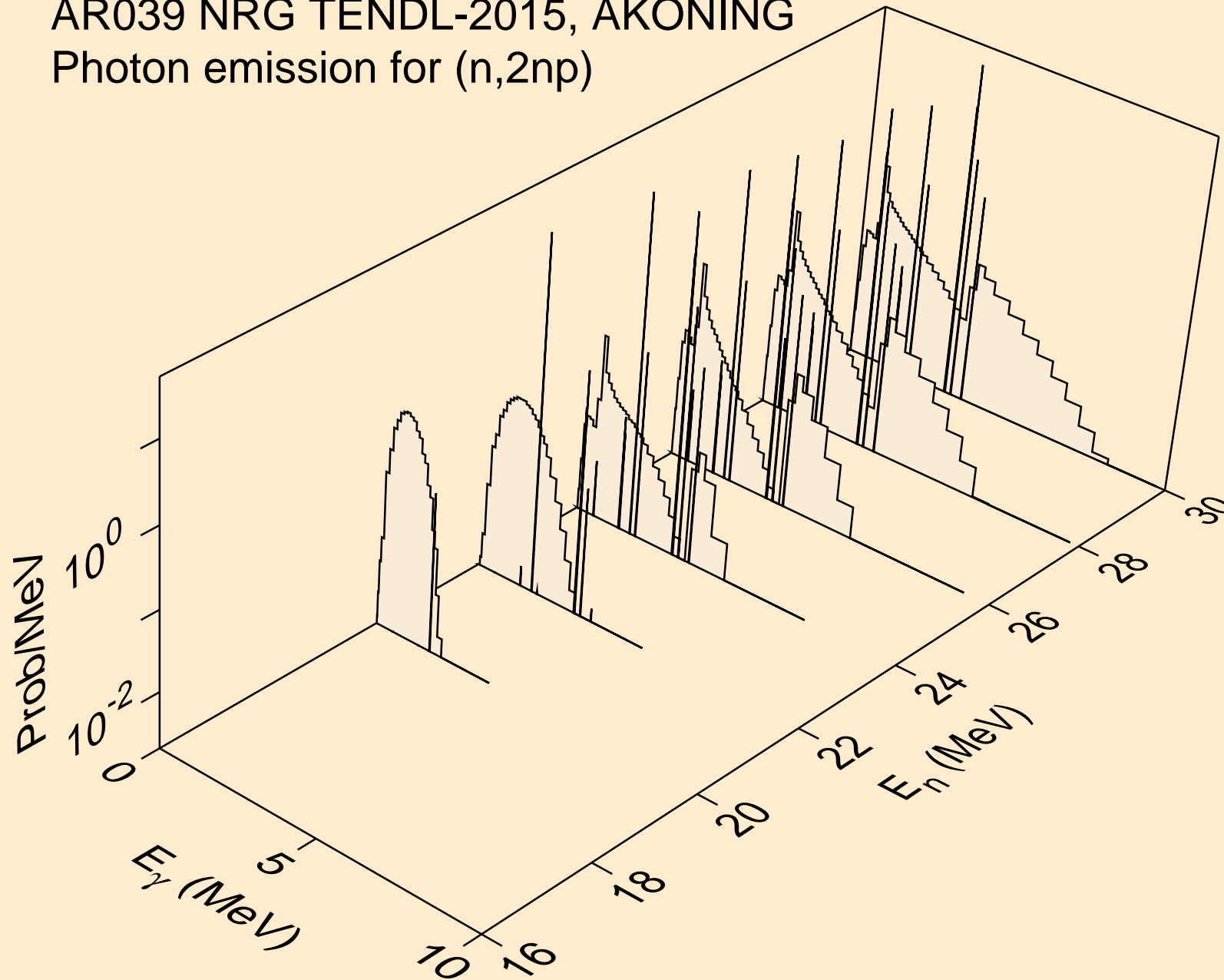




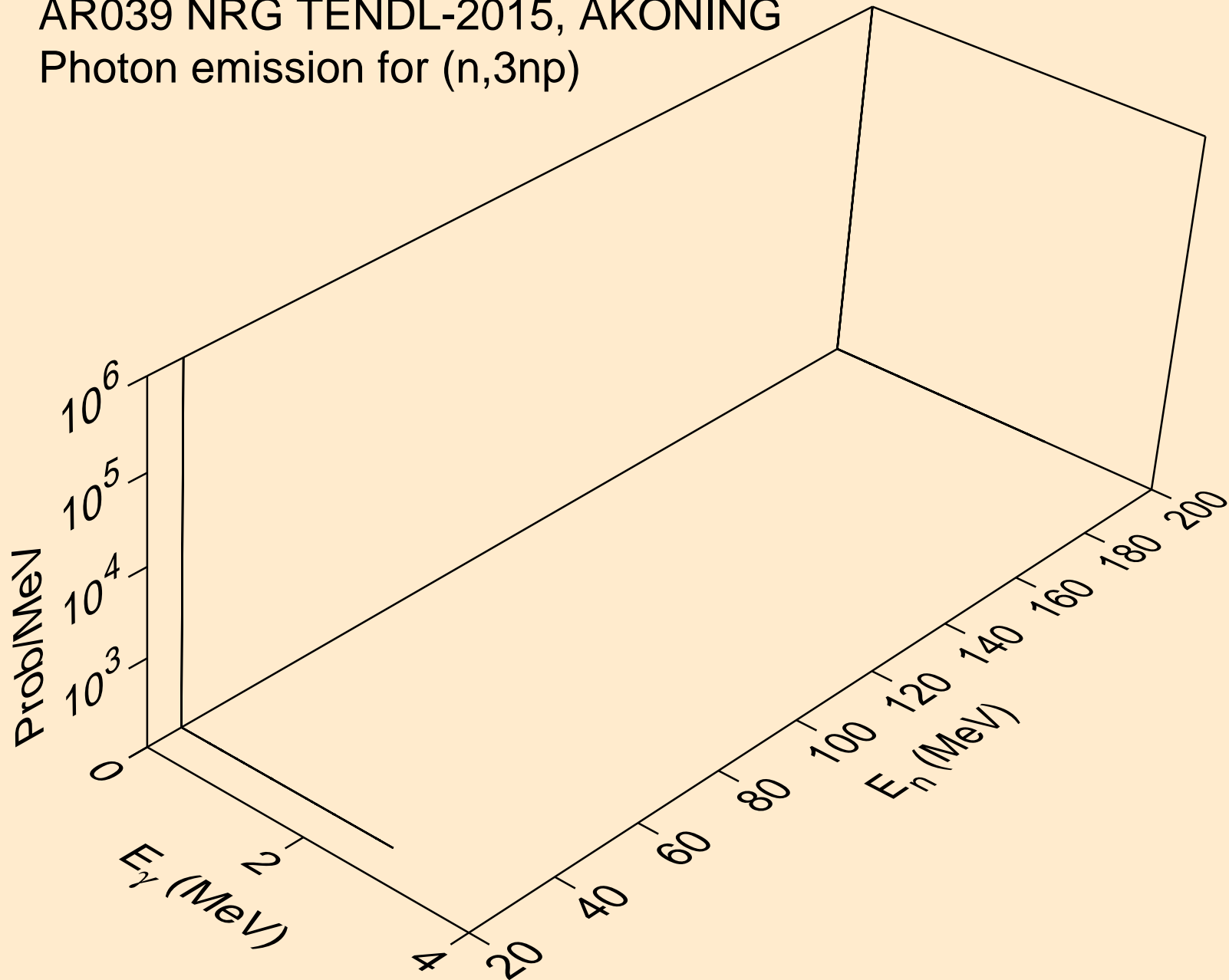
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



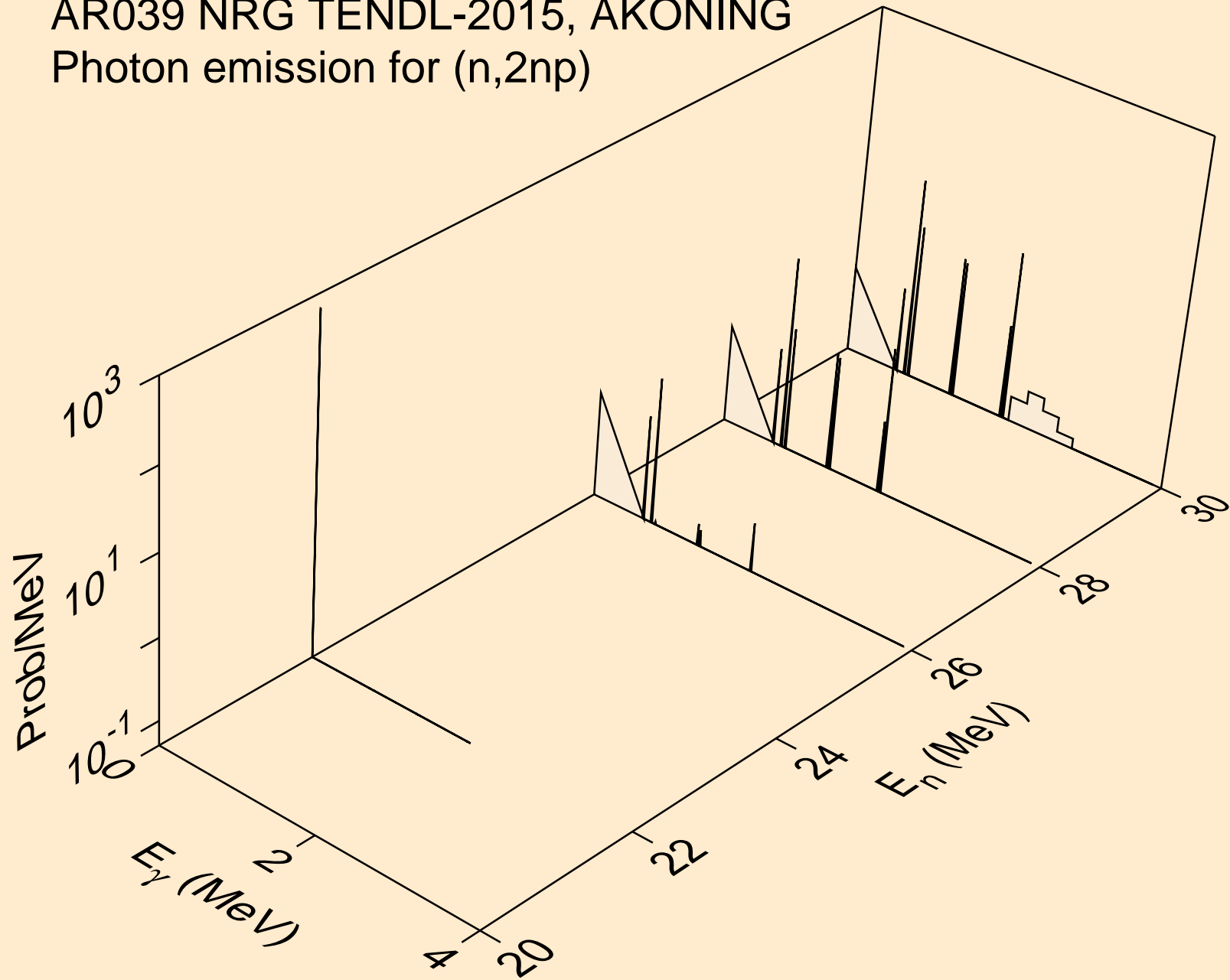
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



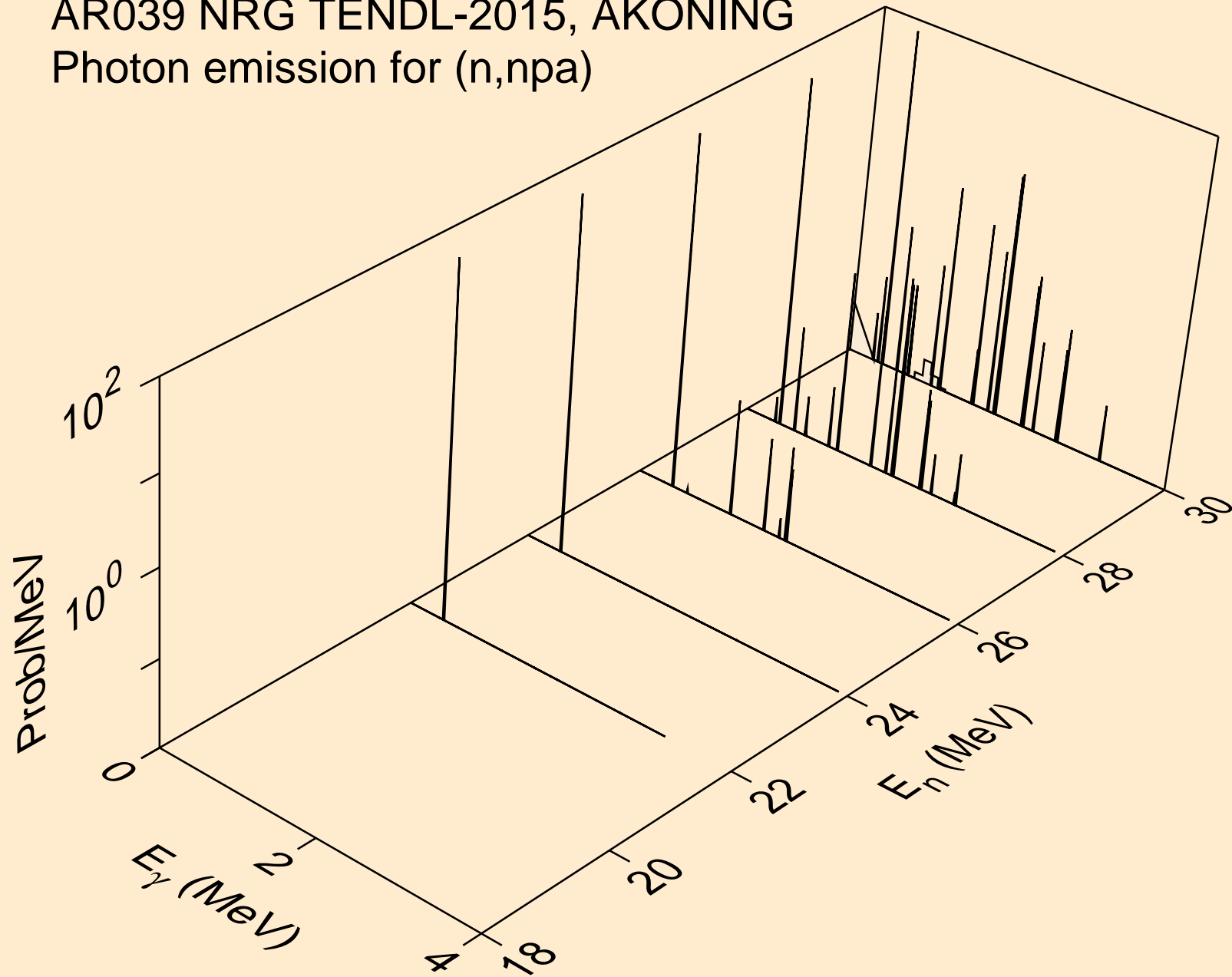
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



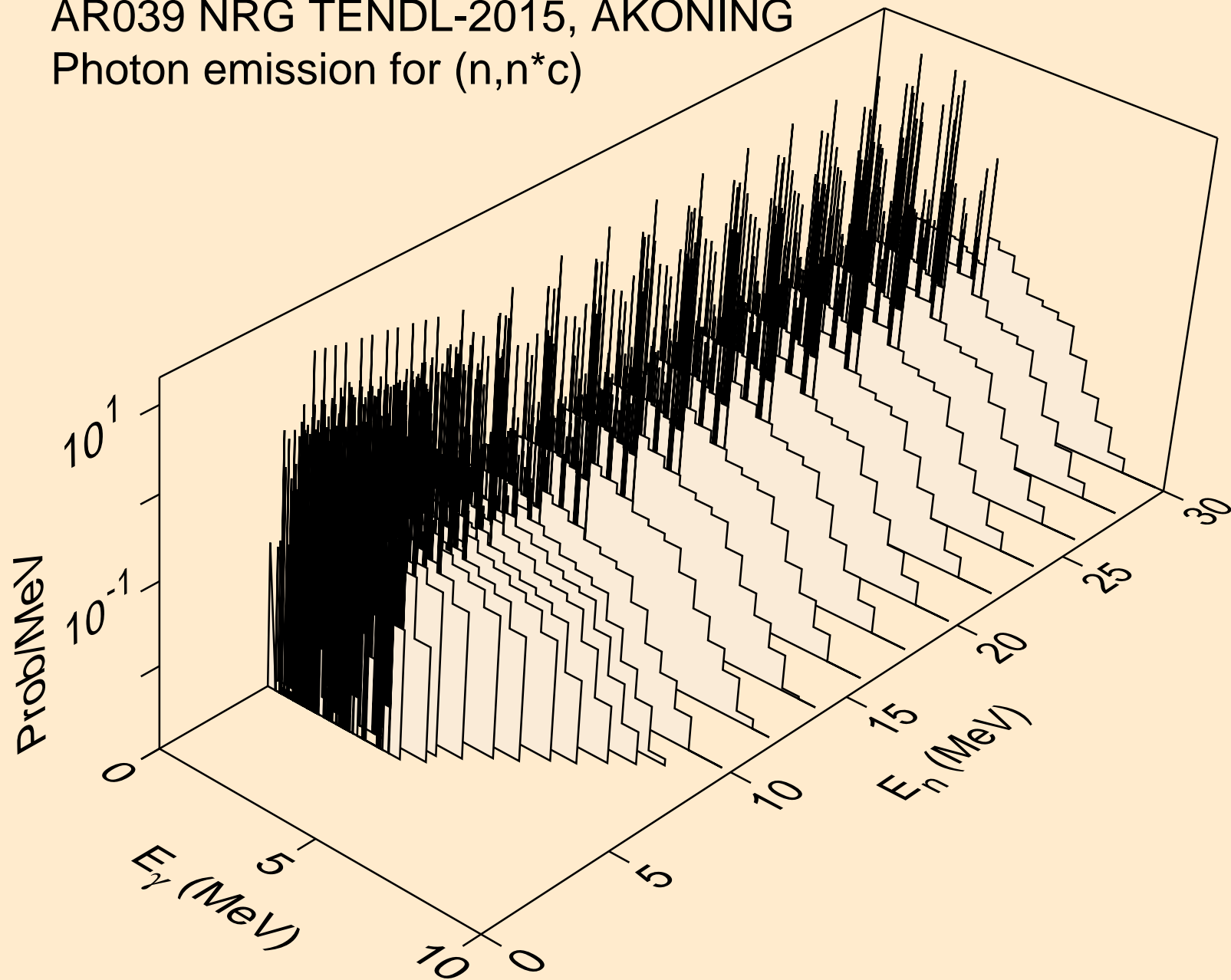
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



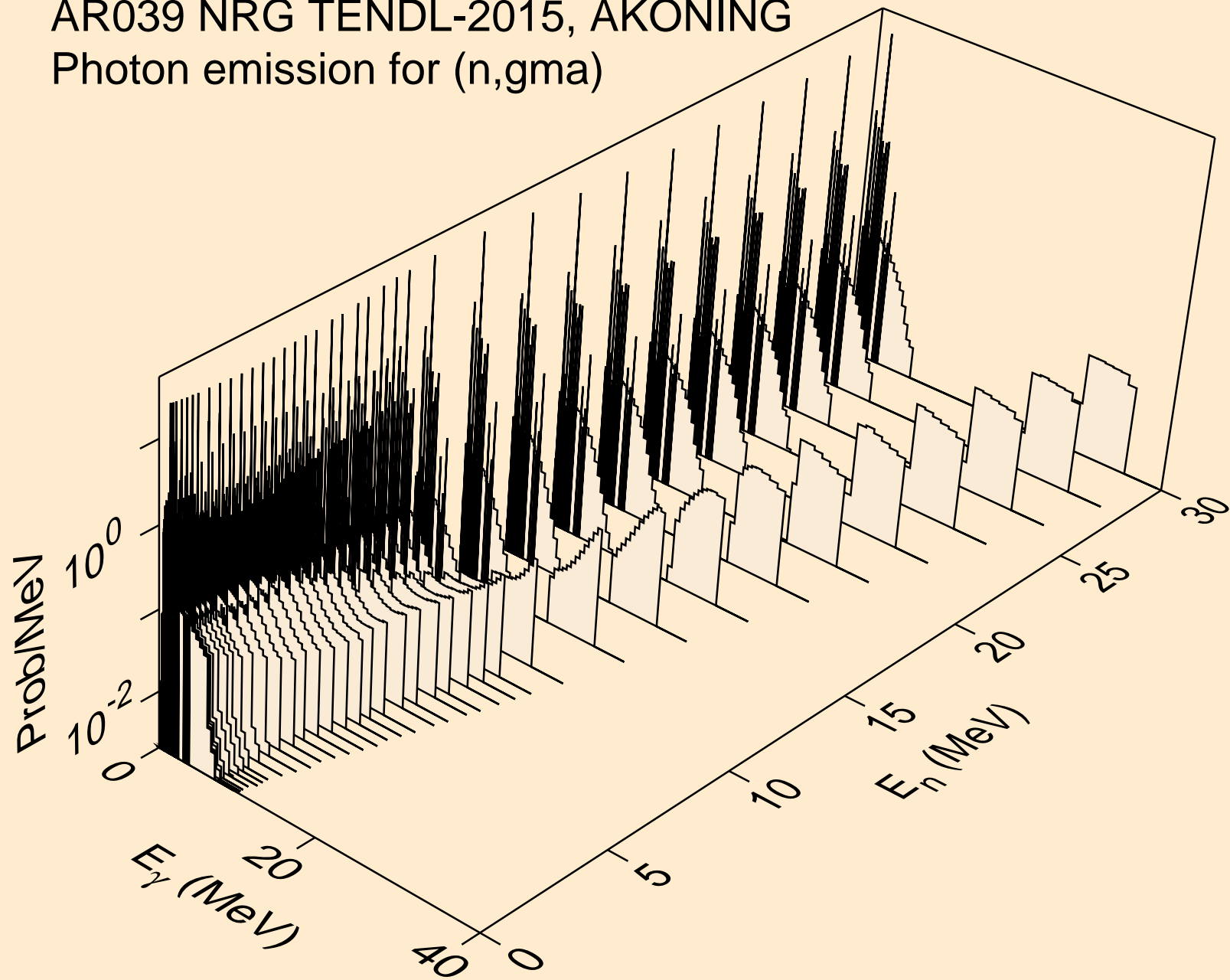
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



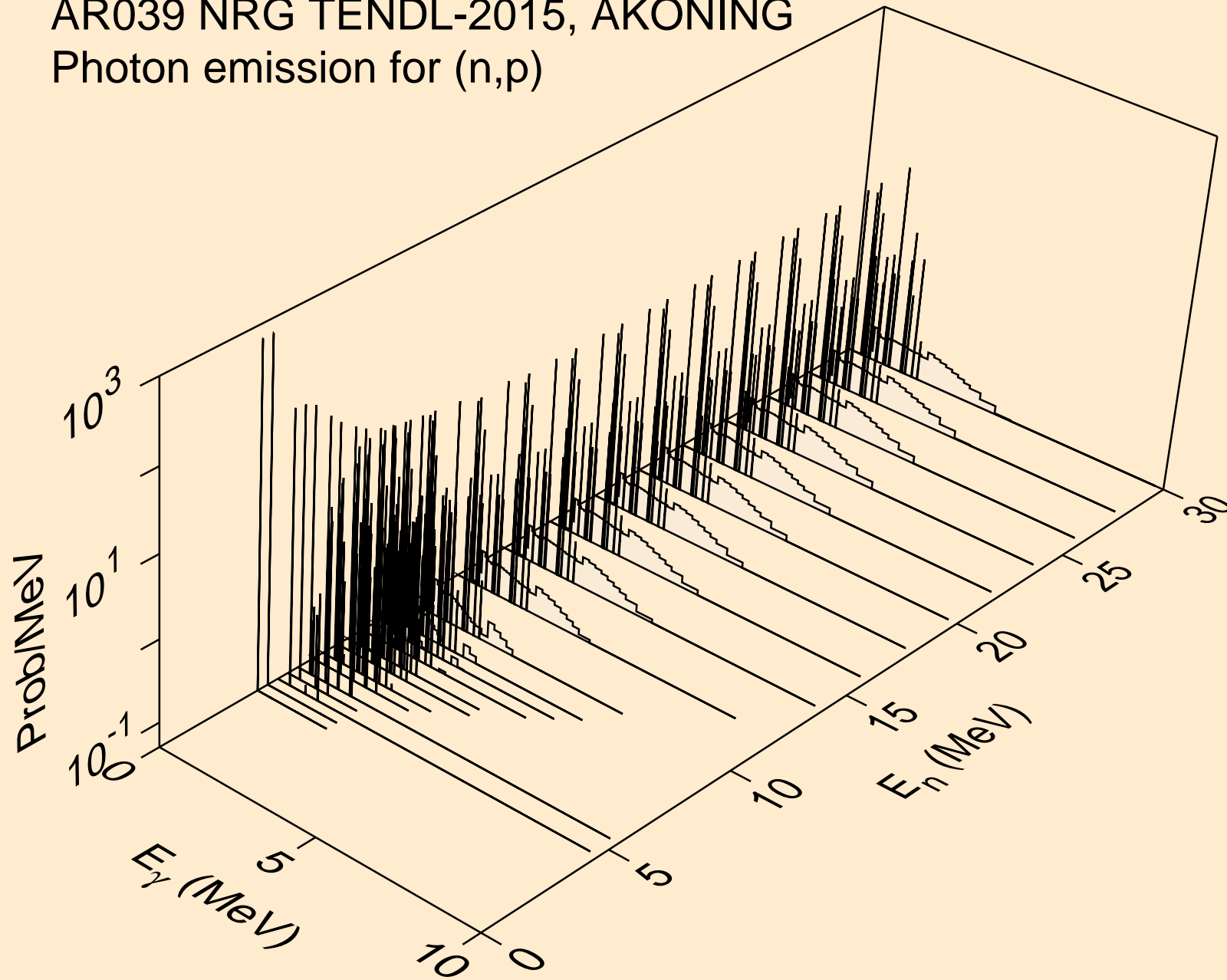
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

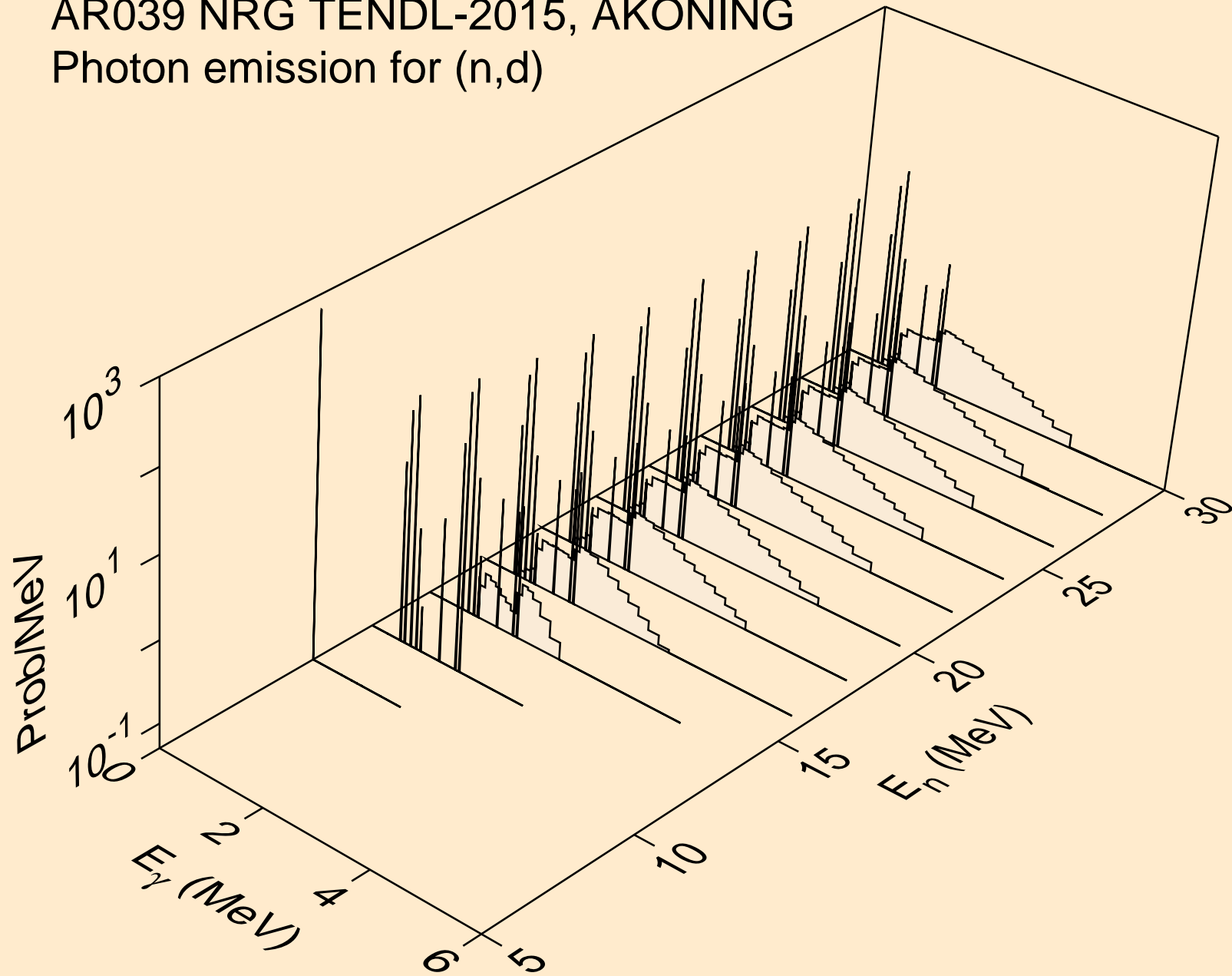


AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

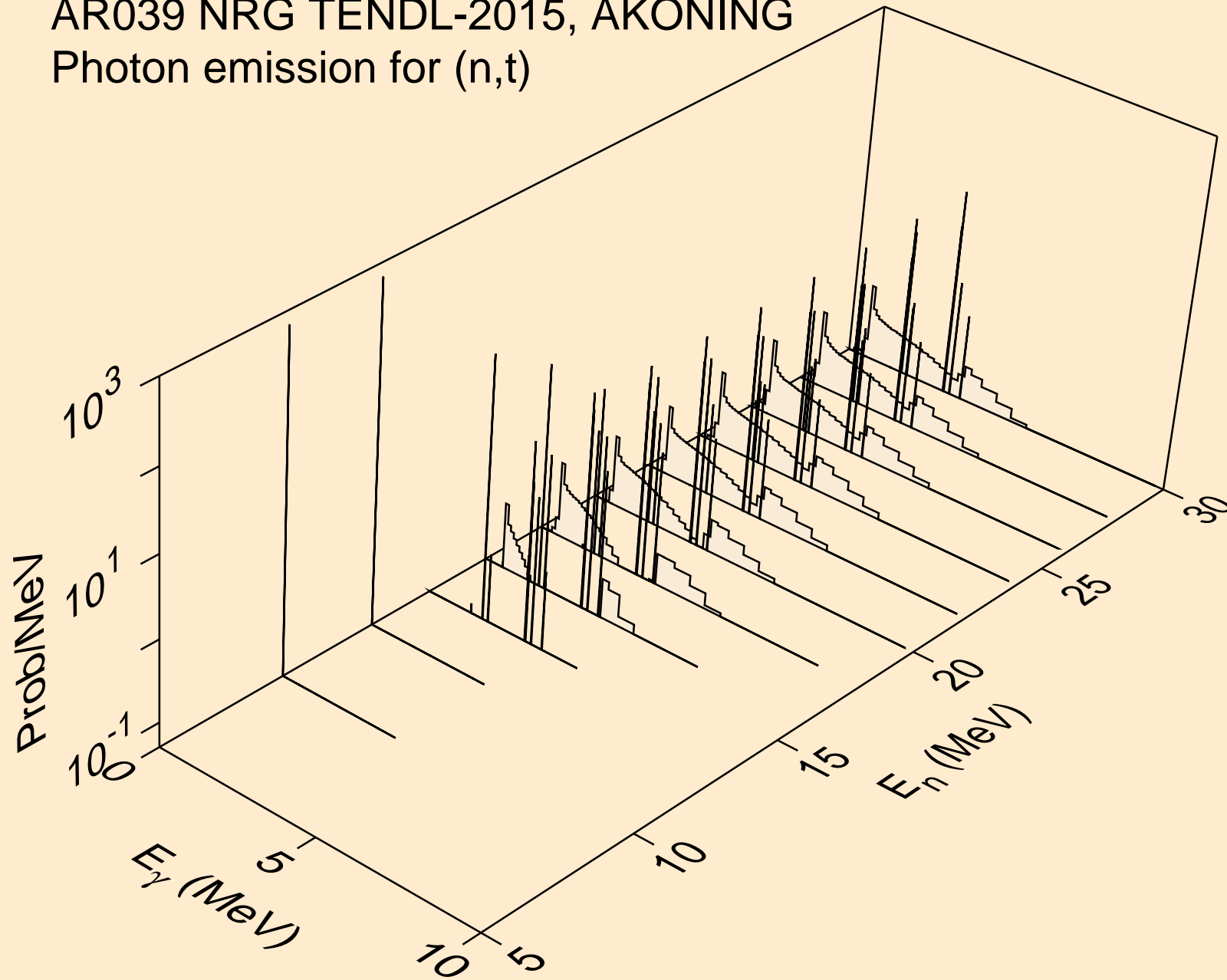




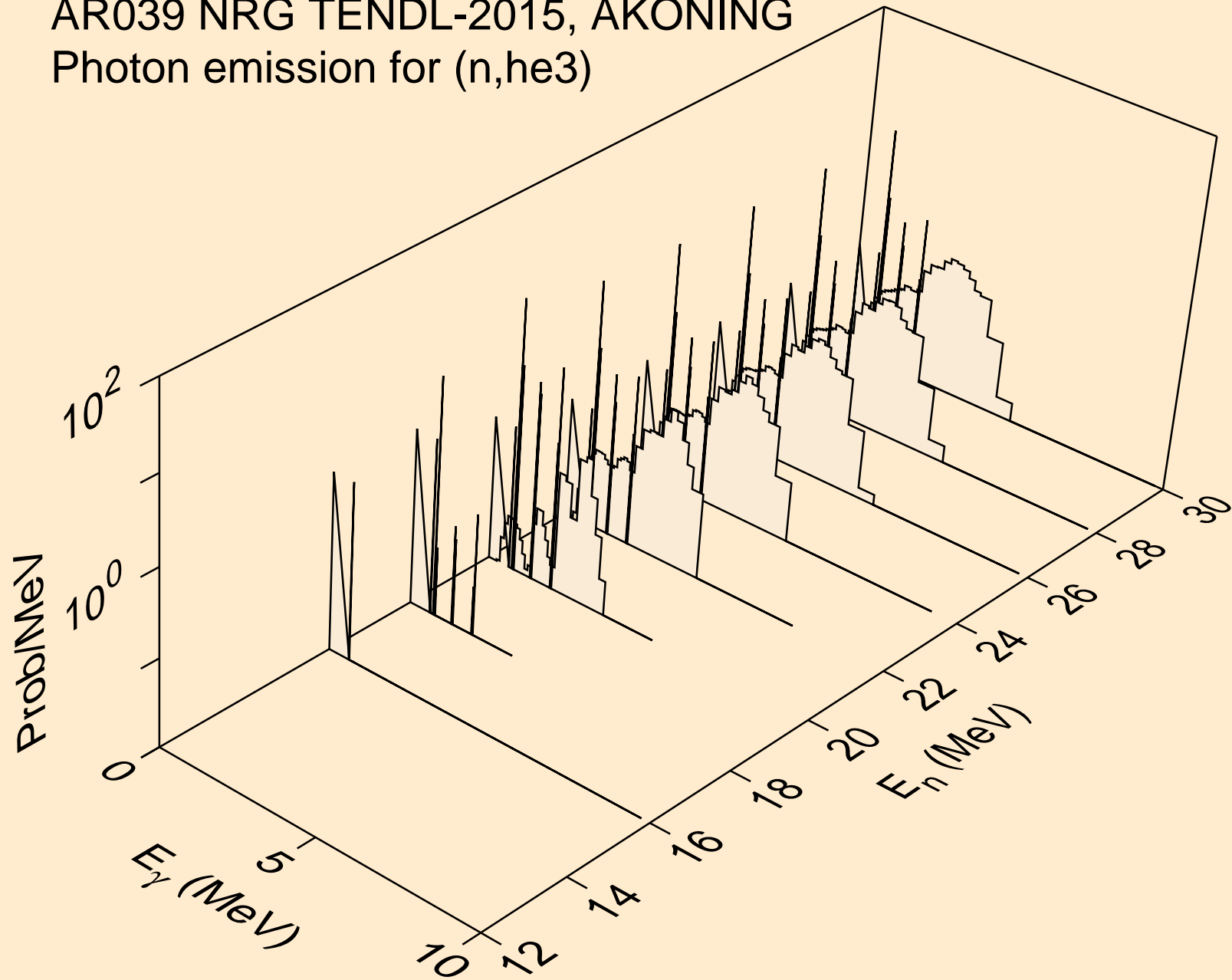
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



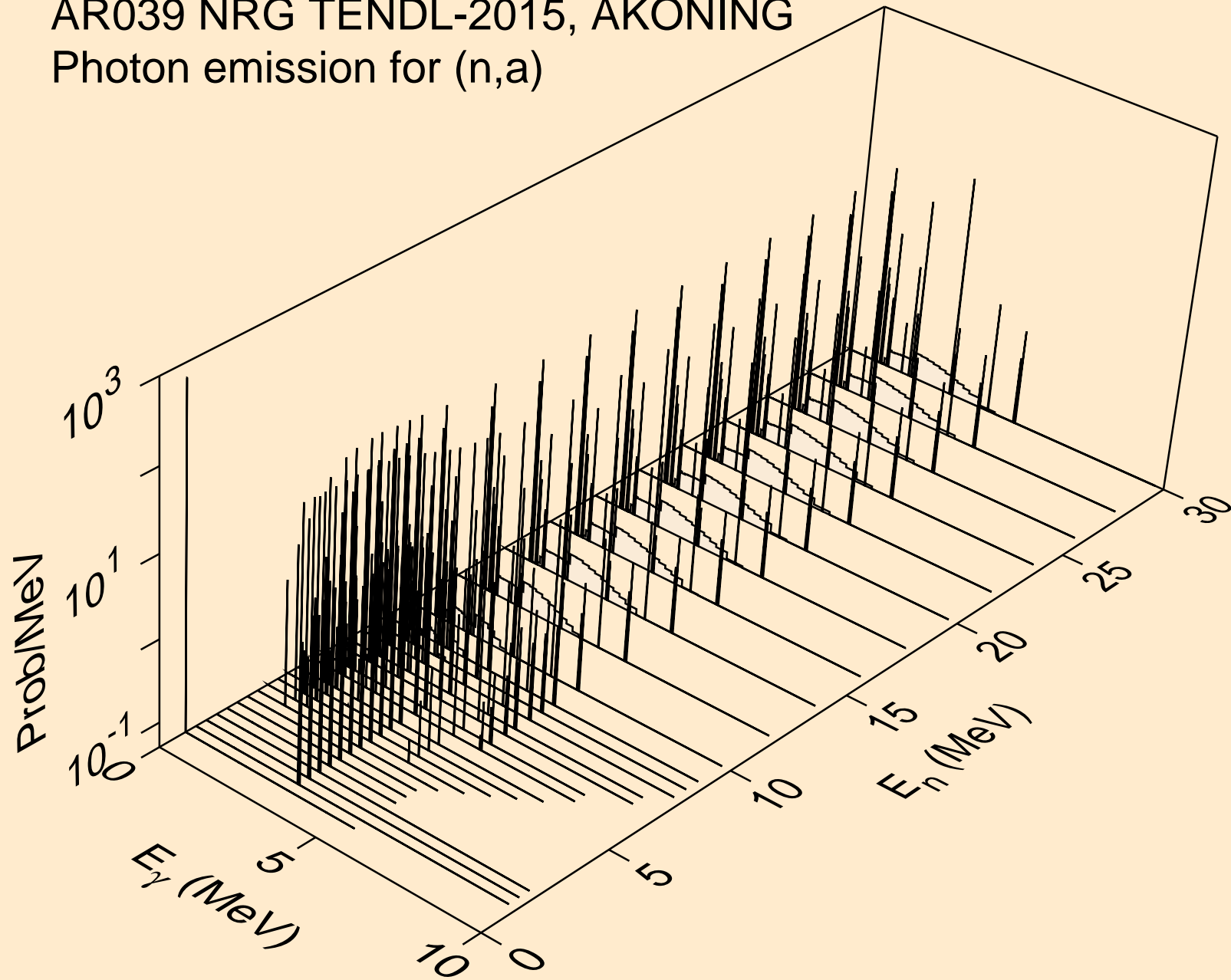
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



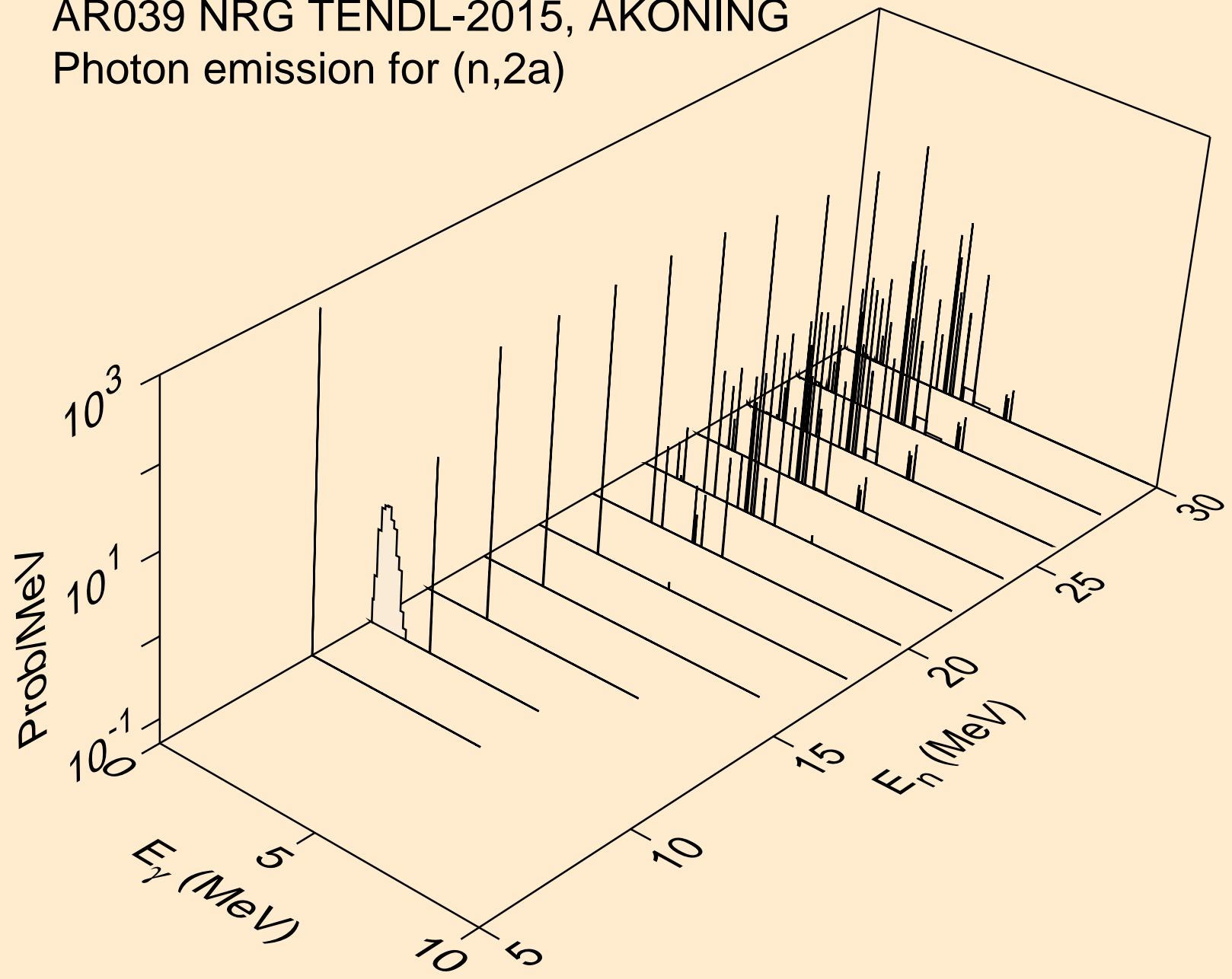
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



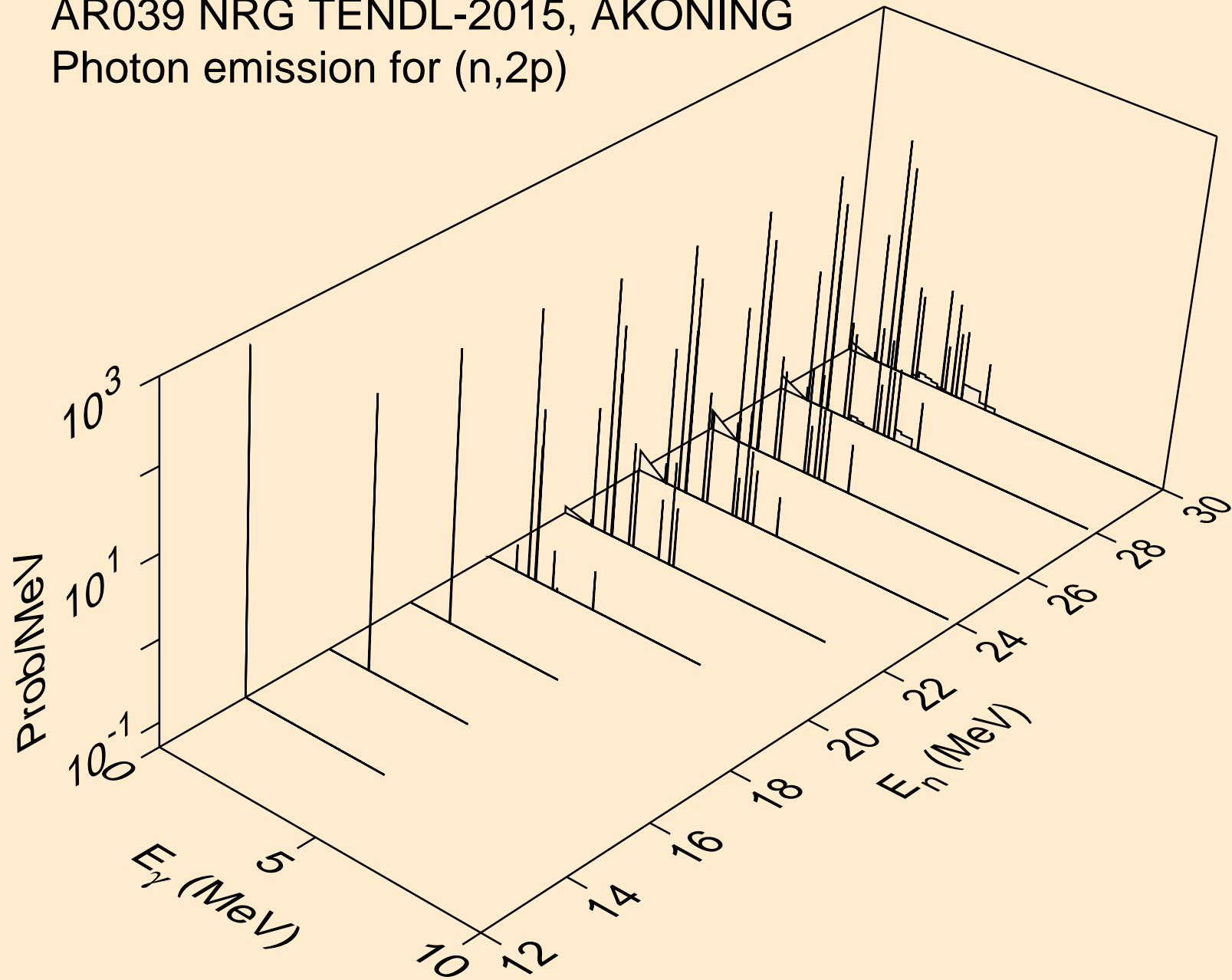
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



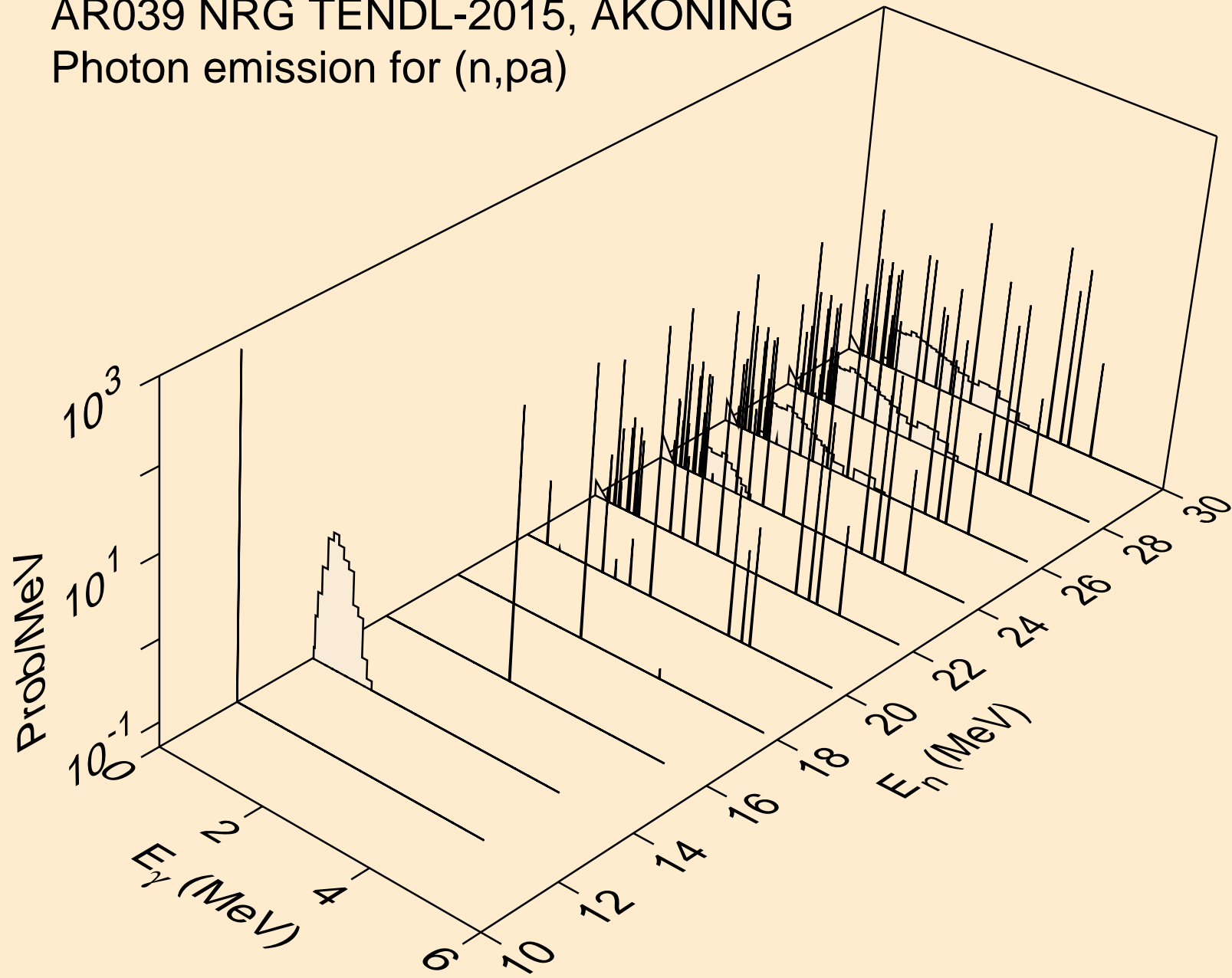
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



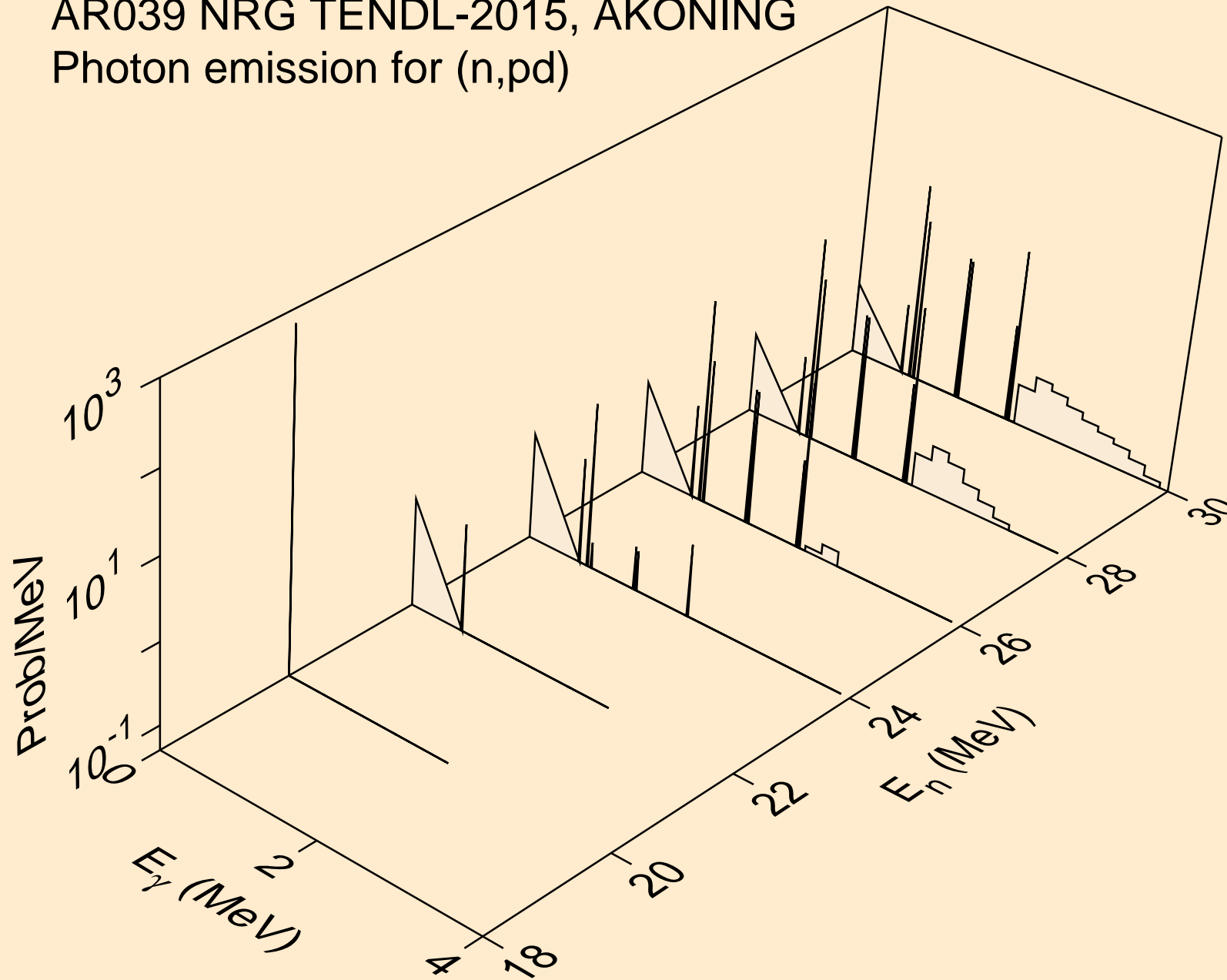
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

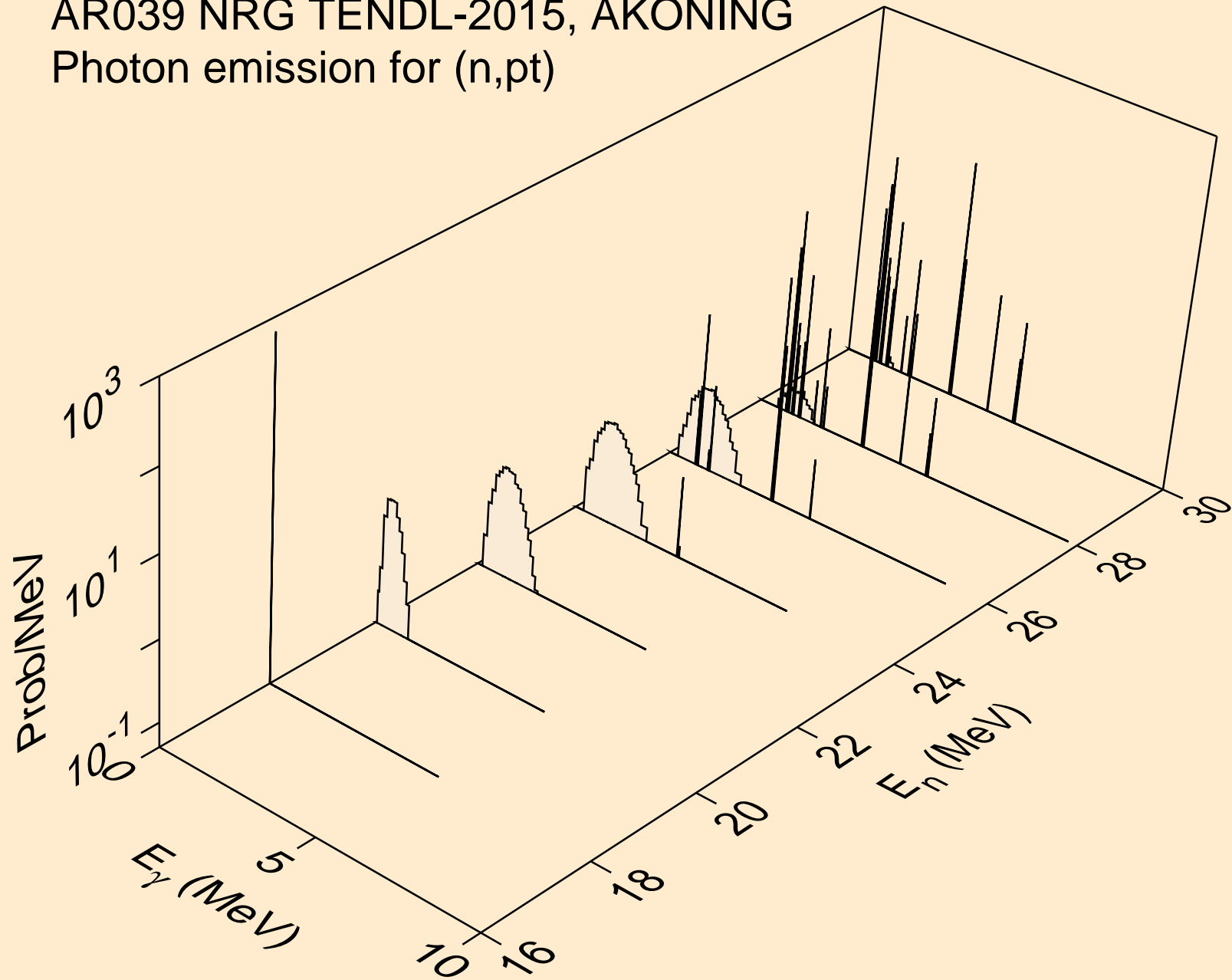


AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

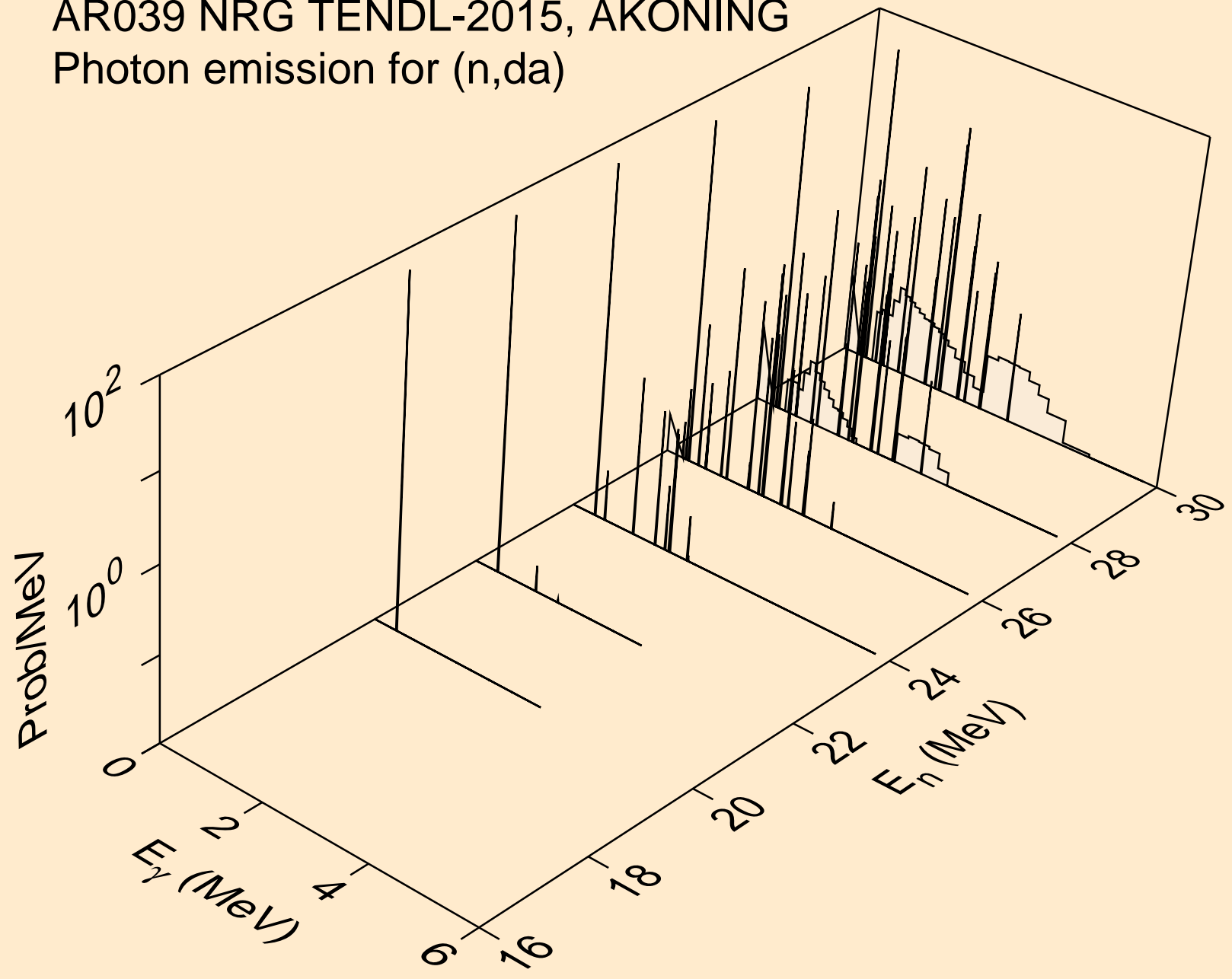




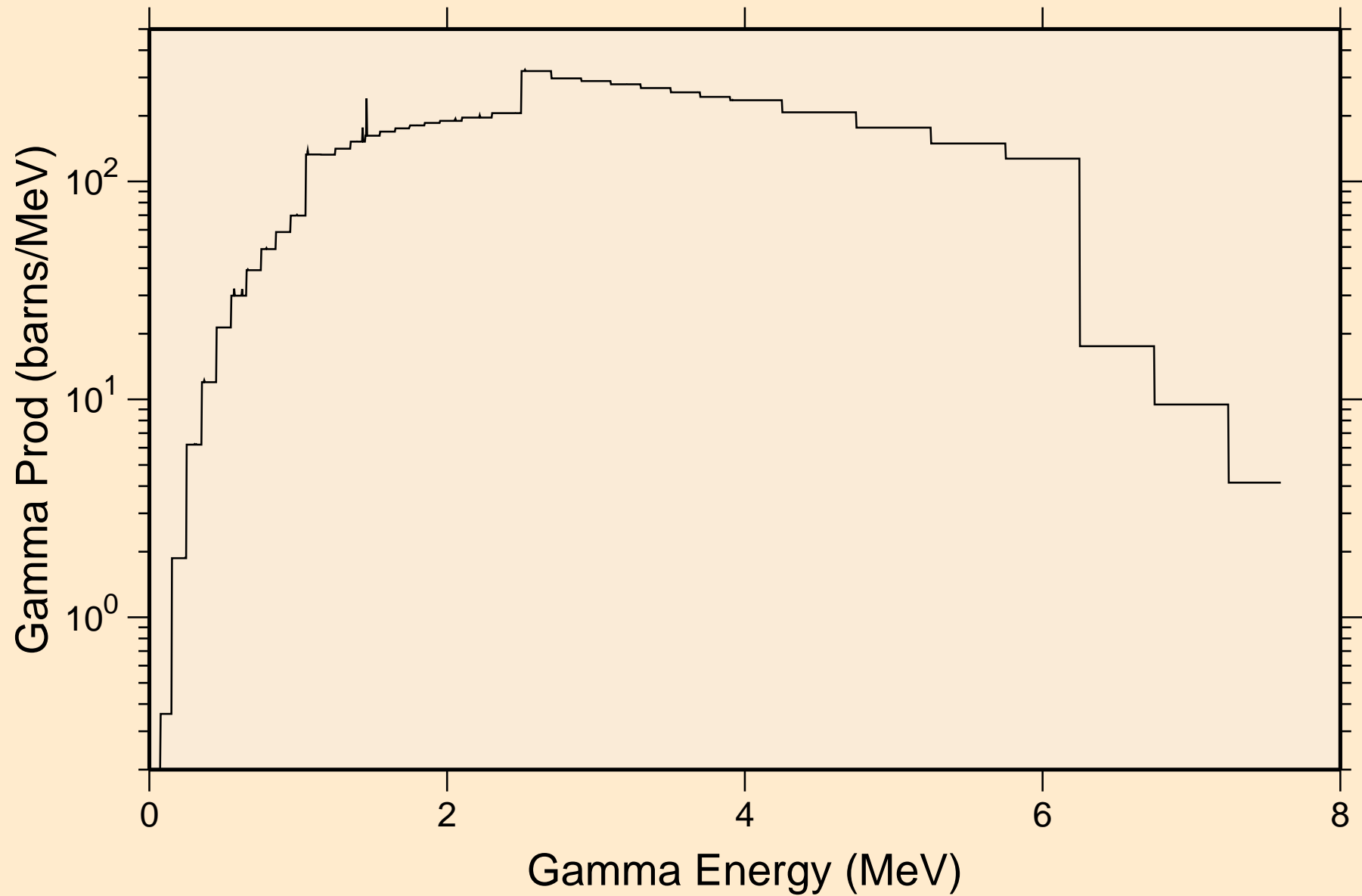
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



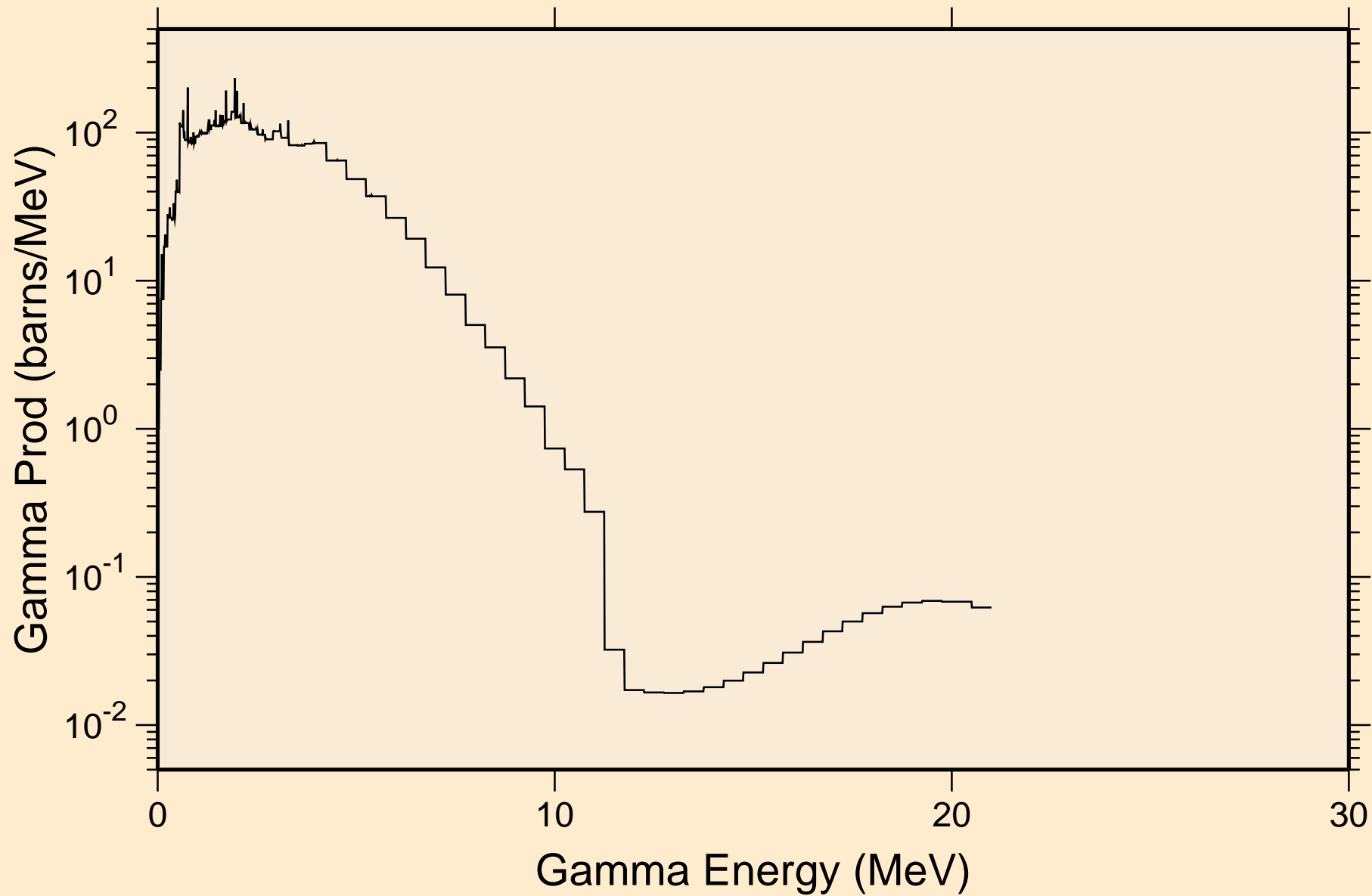
AR039 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



AR039 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

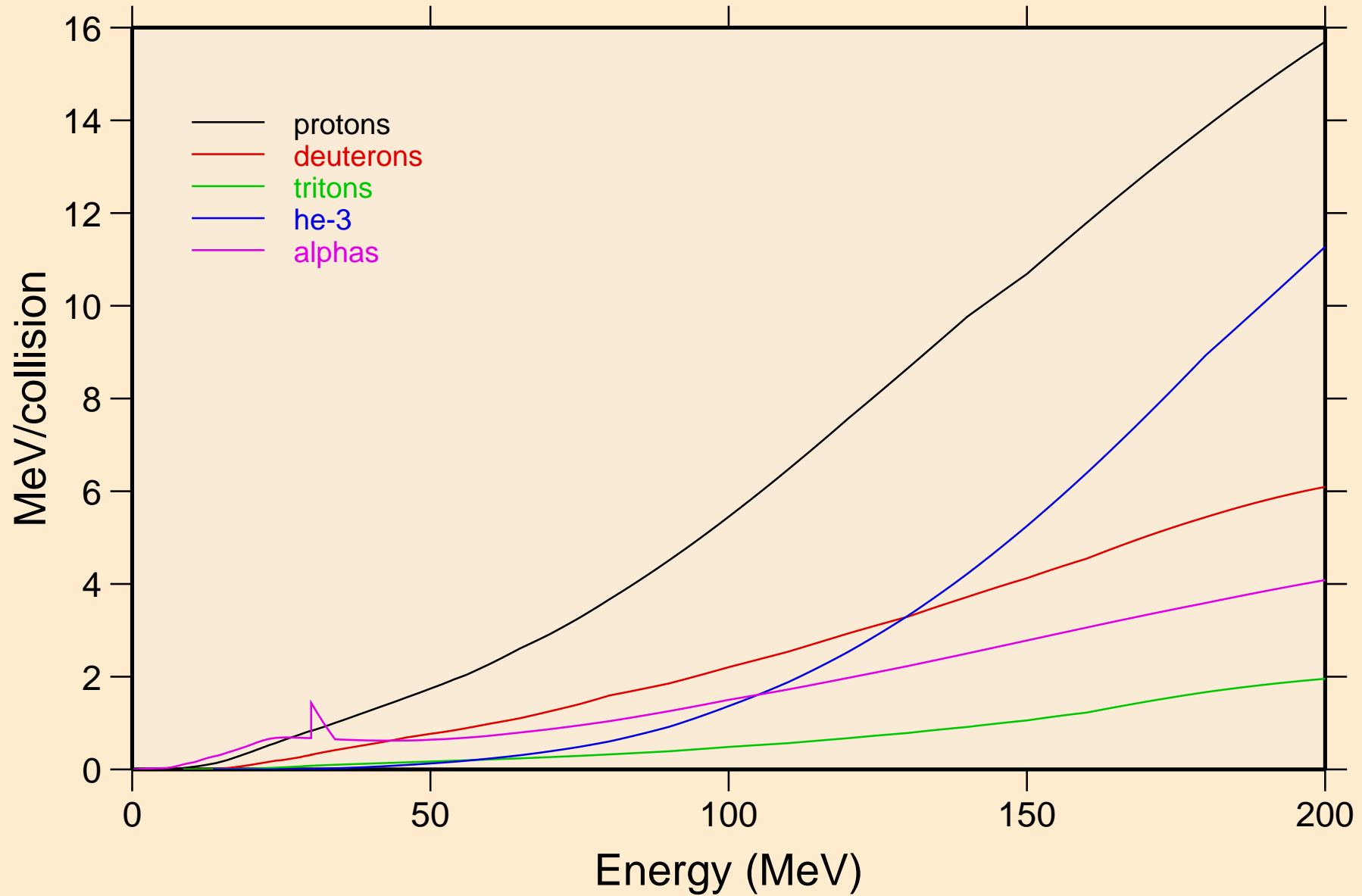


AR039 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



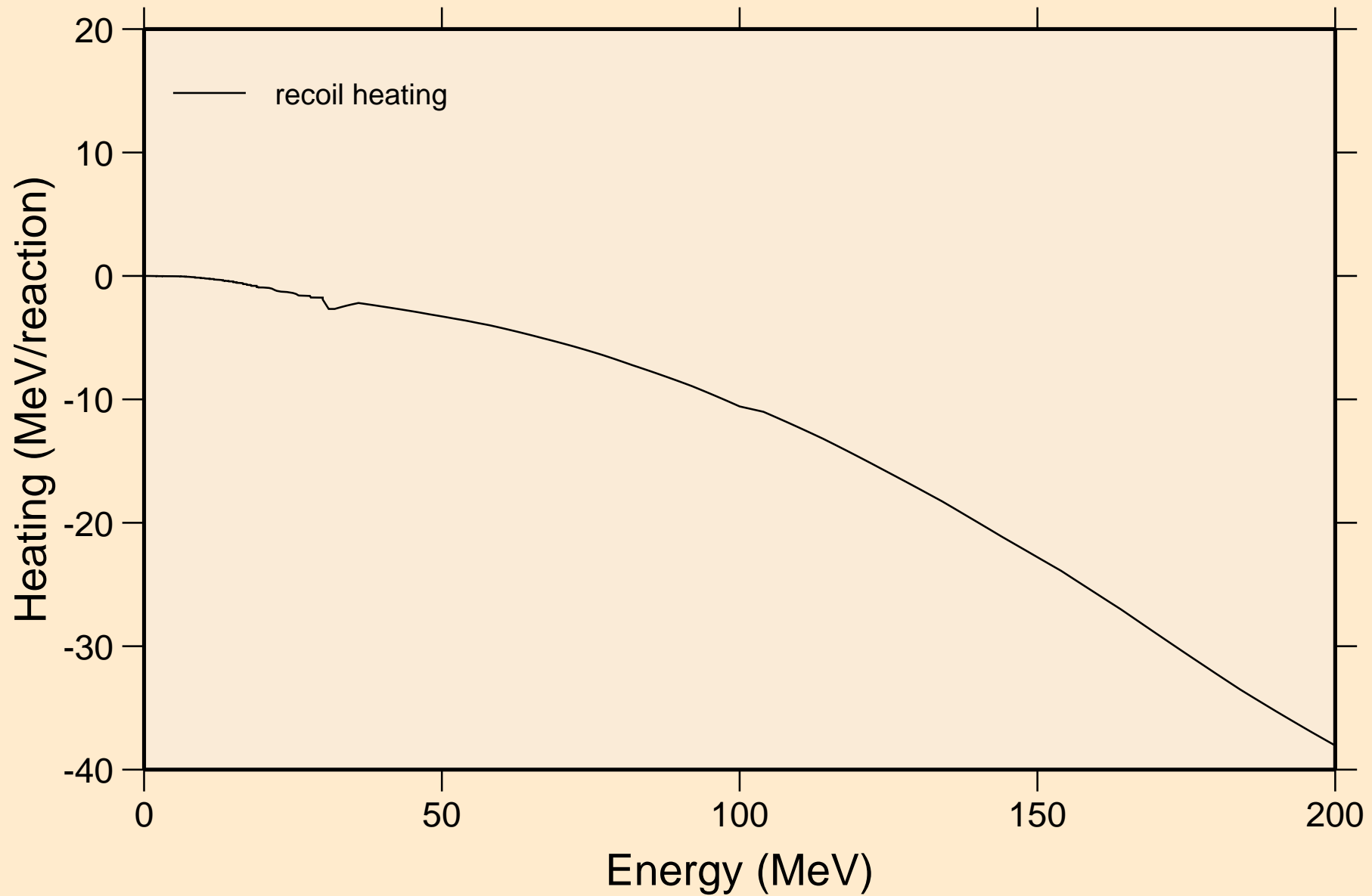
# AR039 NRG TENDL-2015, AKONING

## Particle heating contributions



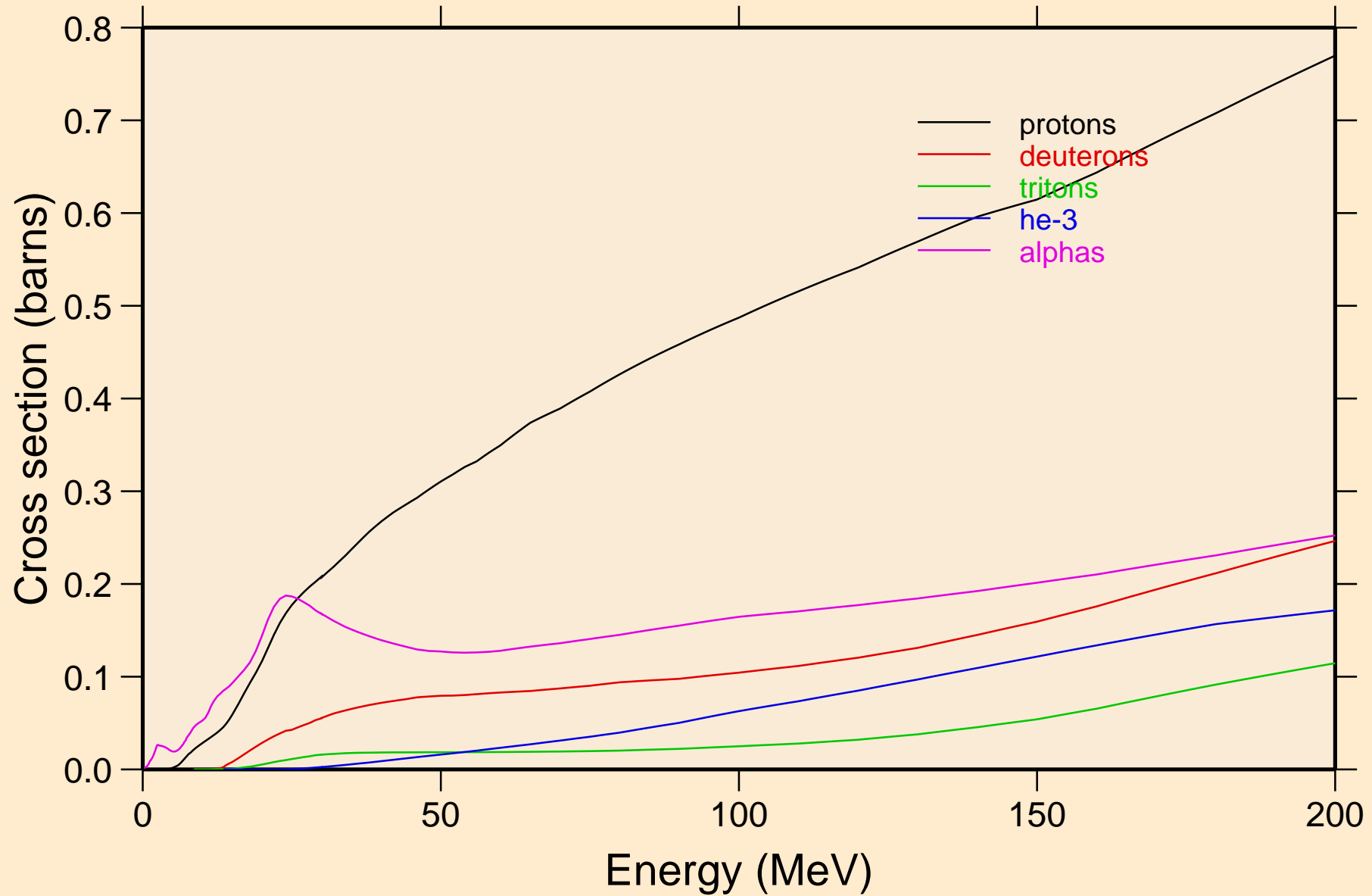
# AR039 NRG TENDL-2015, AKONING

## Recoil Heating

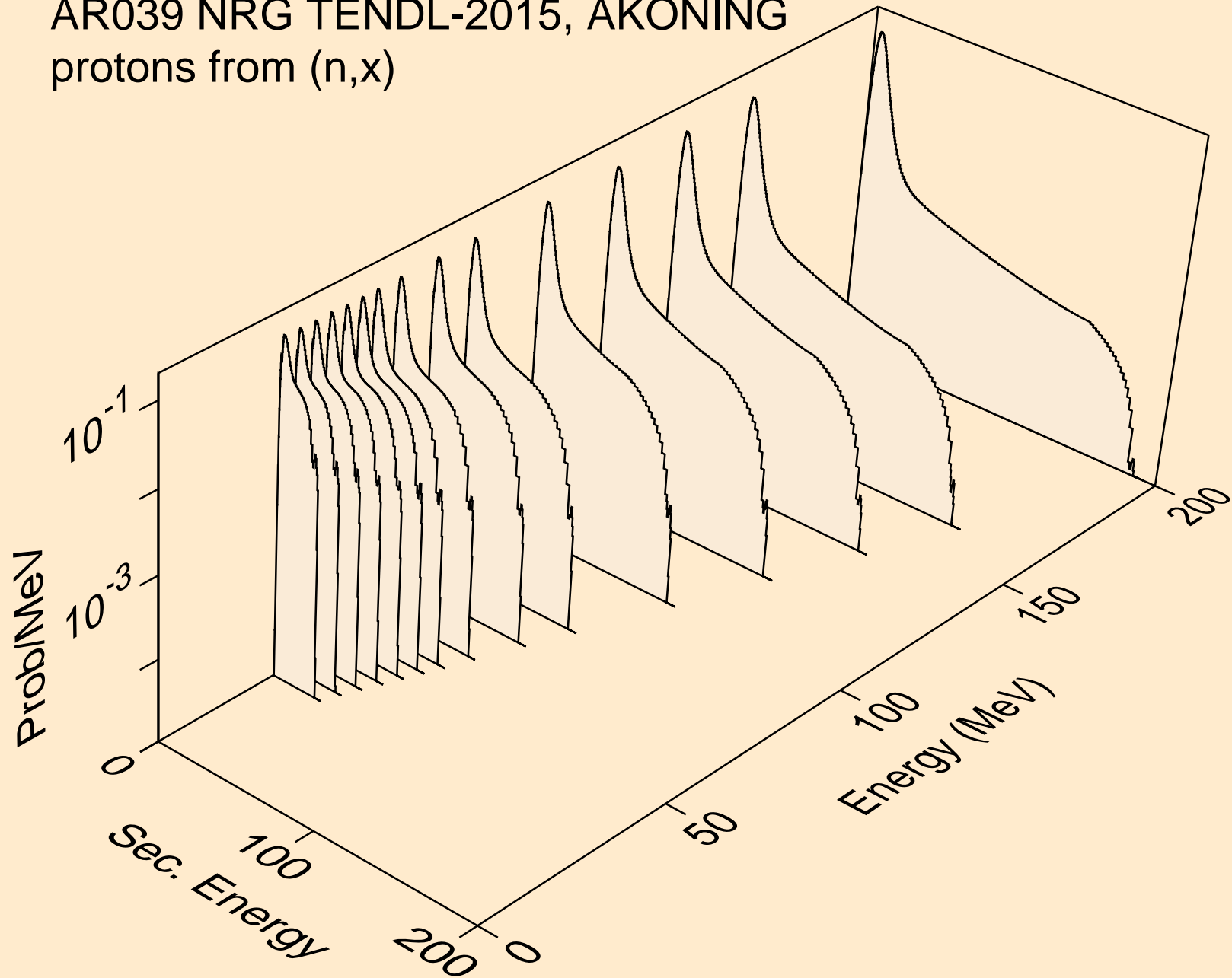


# AR039 NRG TENDL-2015, AKONING

## Particle production cross sections

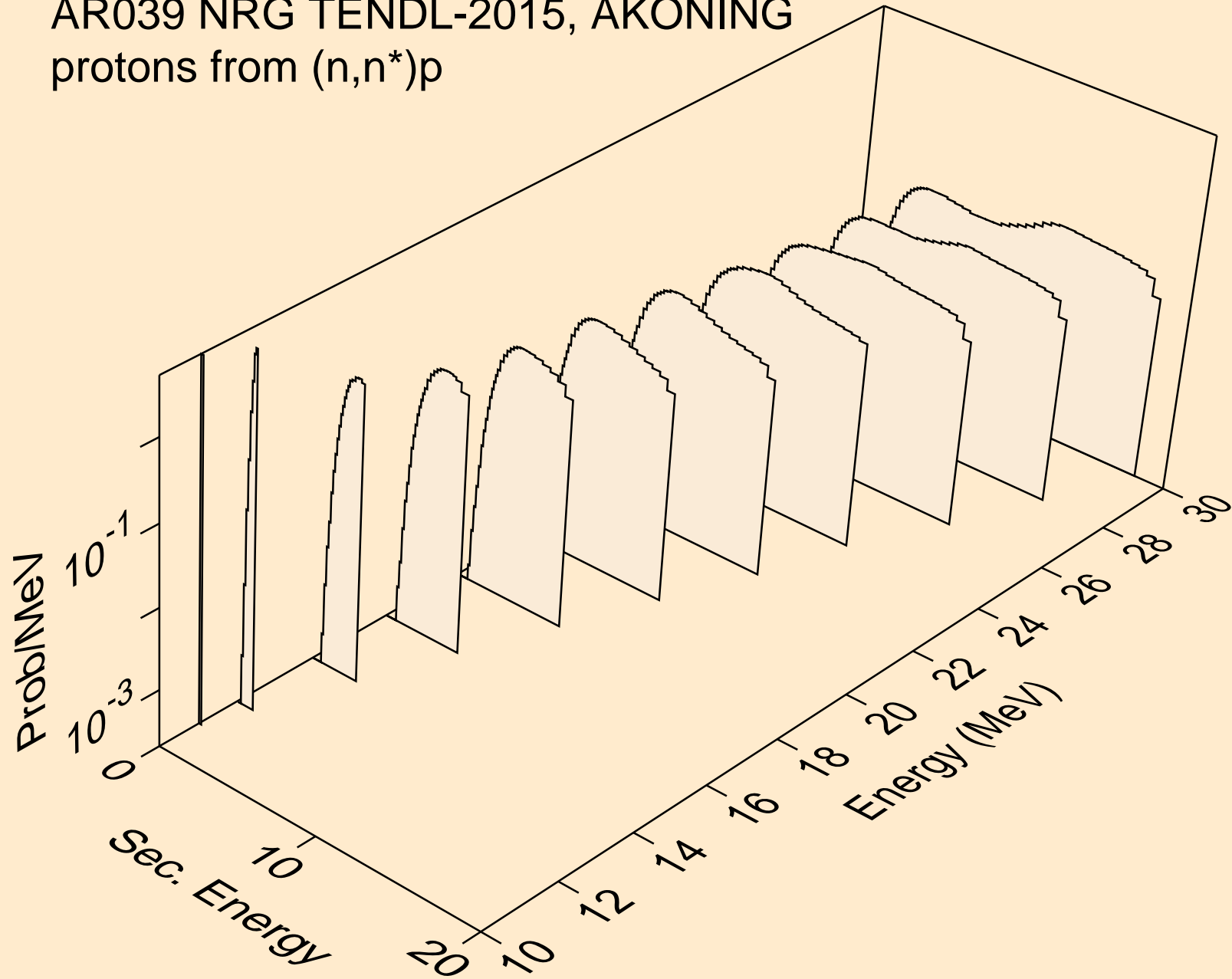


AR039 NRG TENDL-2015, AKONING  
protons from (n,x)

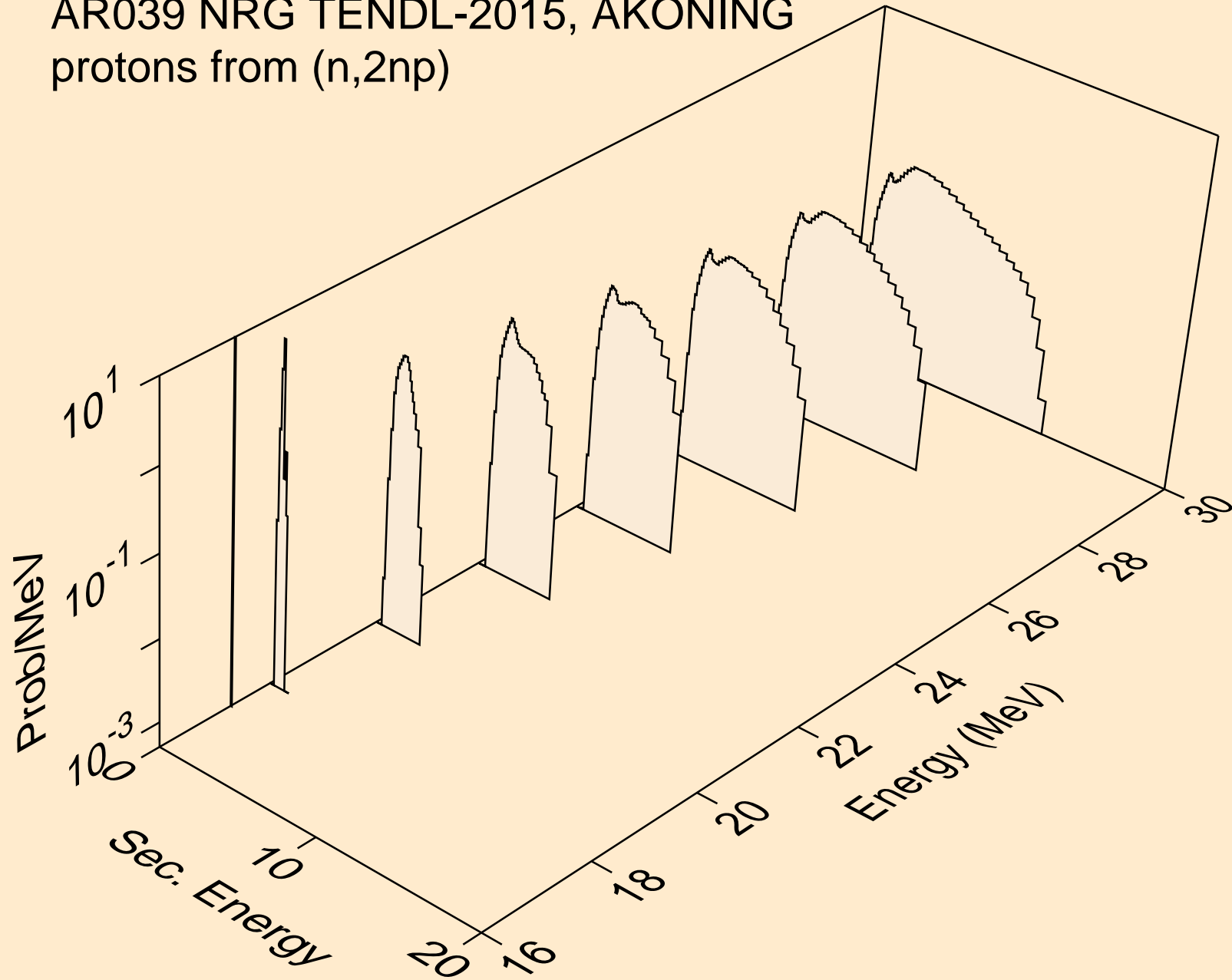




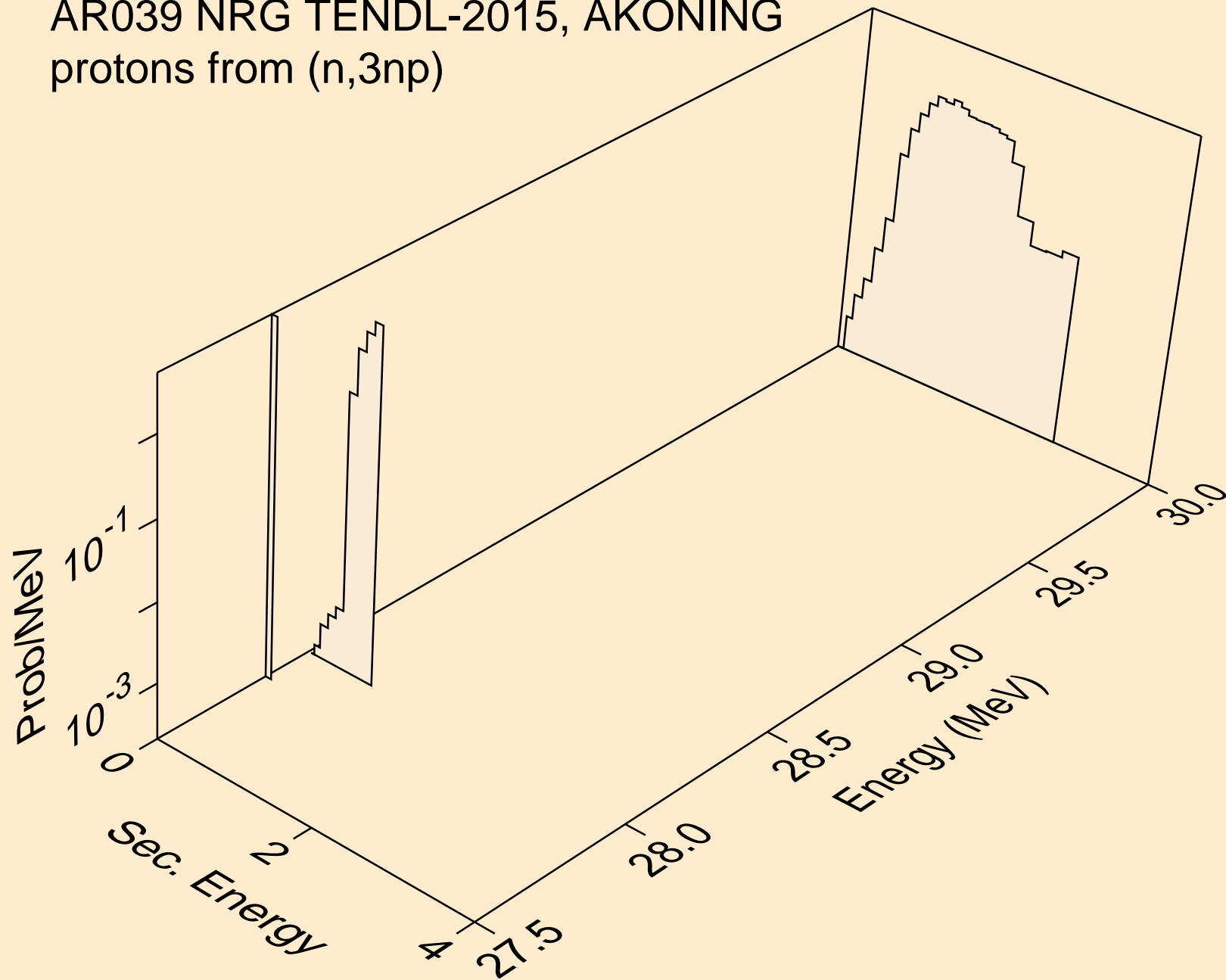
AR039 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



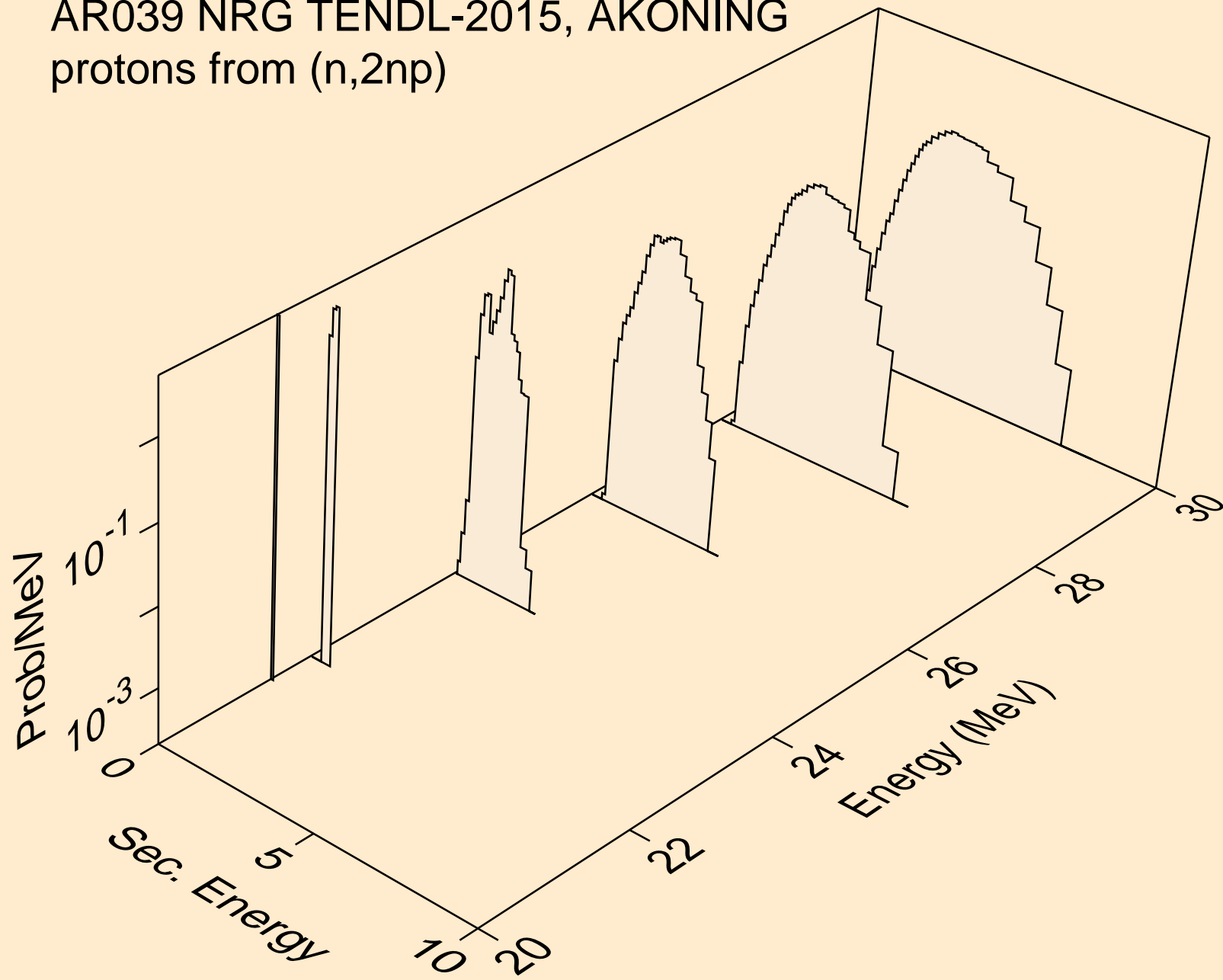
AR039 NRG TENDL-2015, AKONING  
protons from (n,2np)



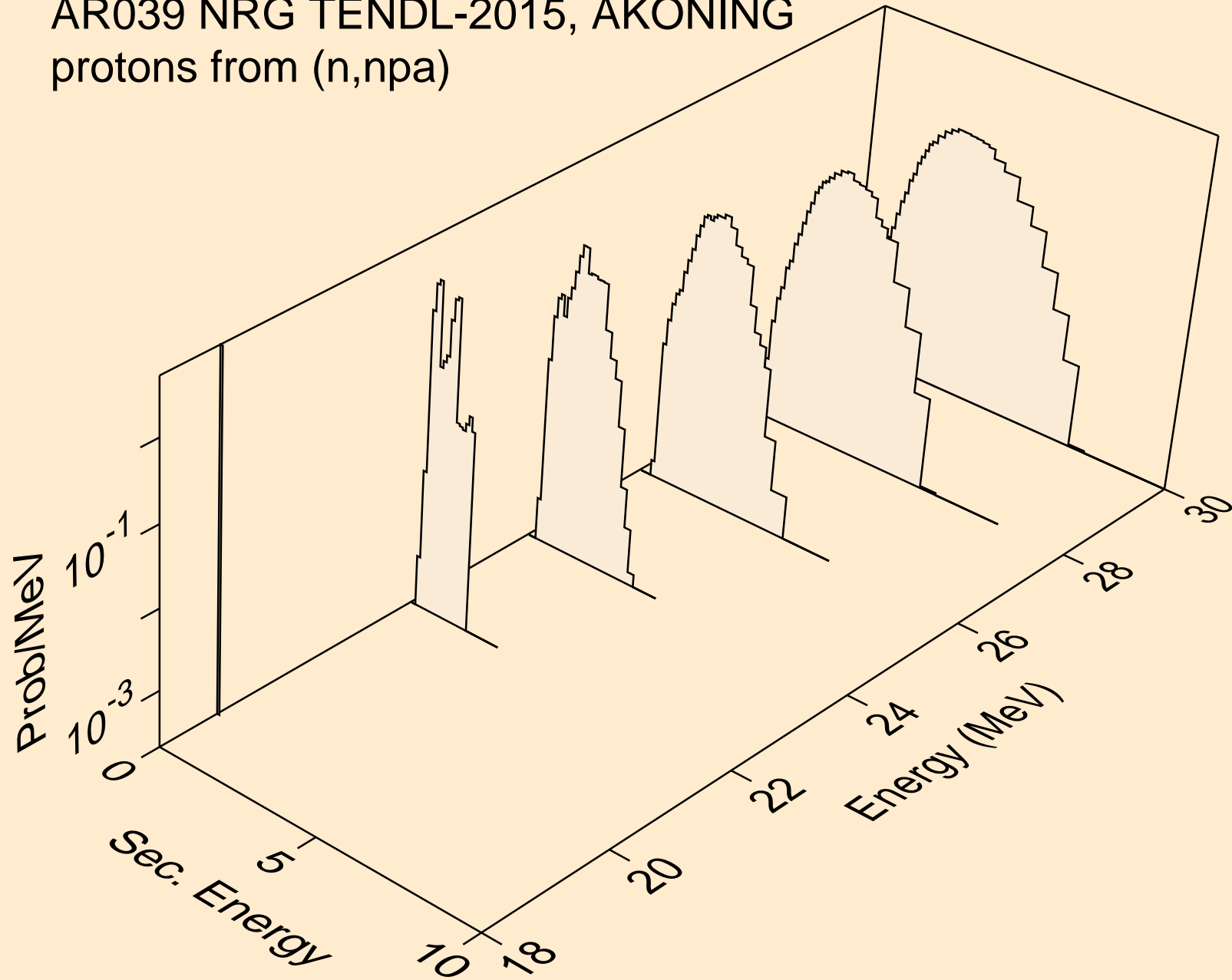
AR039 NRG TENDL-2015, AKONING  
protons from (n,3np)



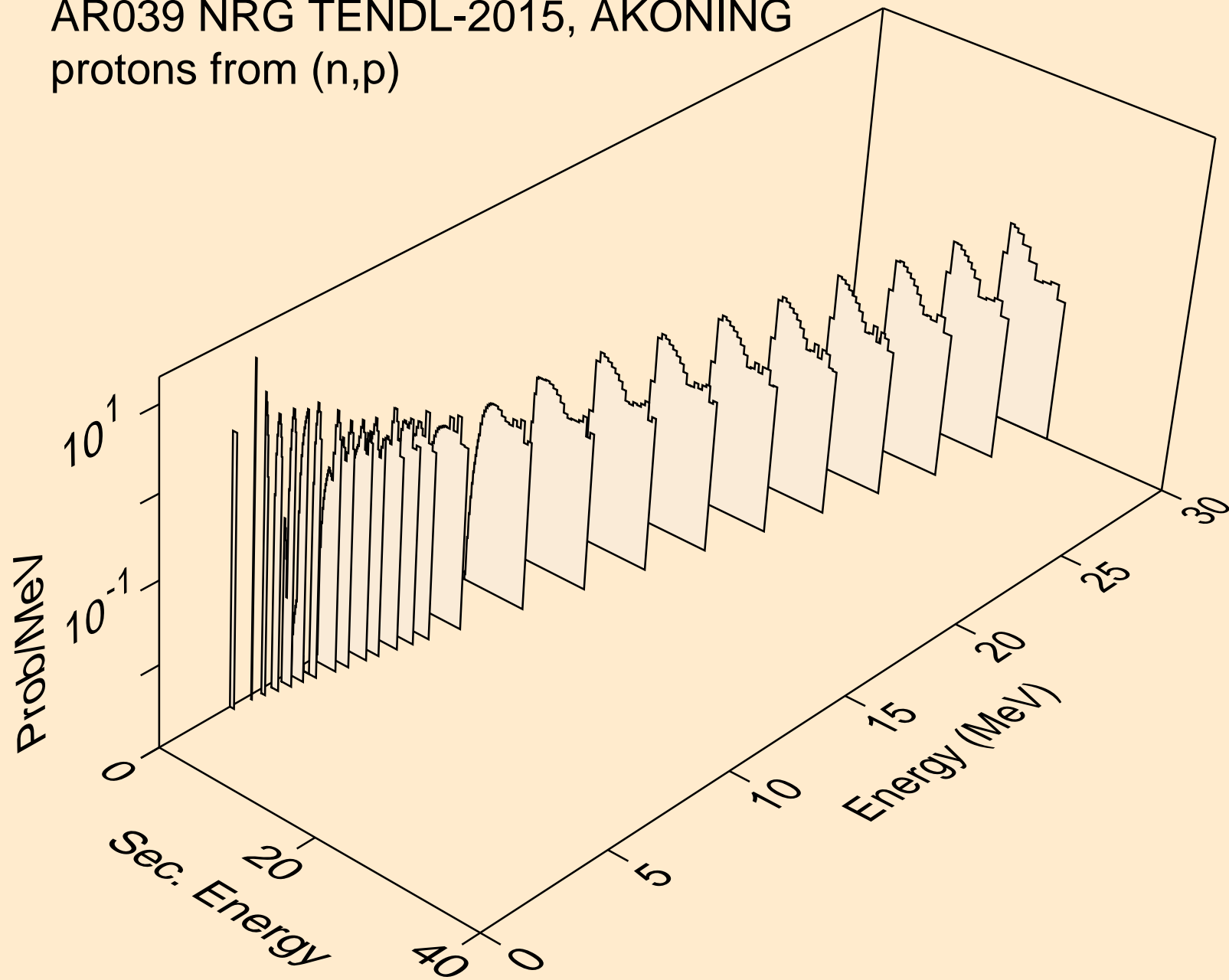
AR039 NRG TENDL-2015, AKONING  
protons from (n,2np)



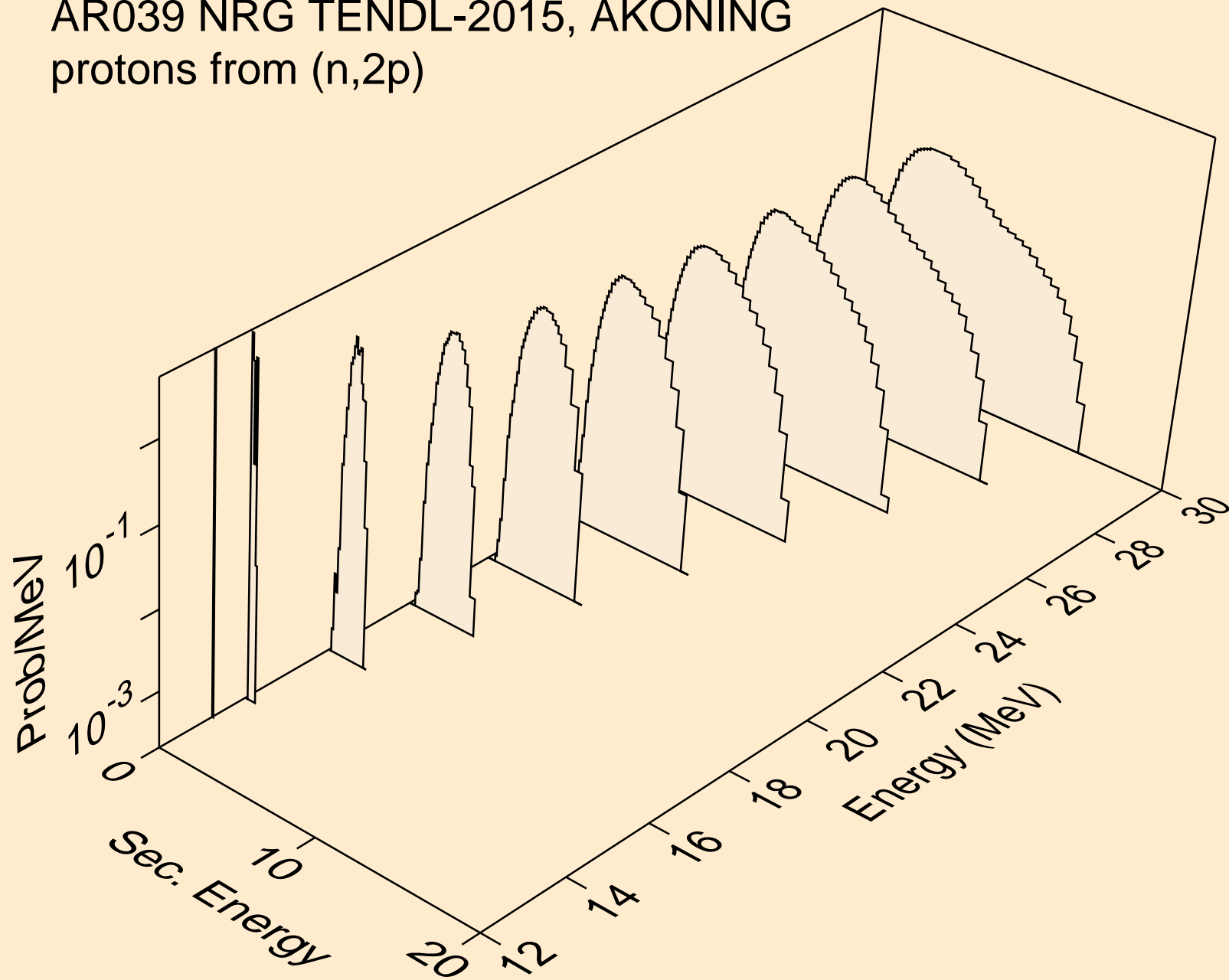
AR039 NRG TENDL-2015, AKONING  
protons from (n,npa)



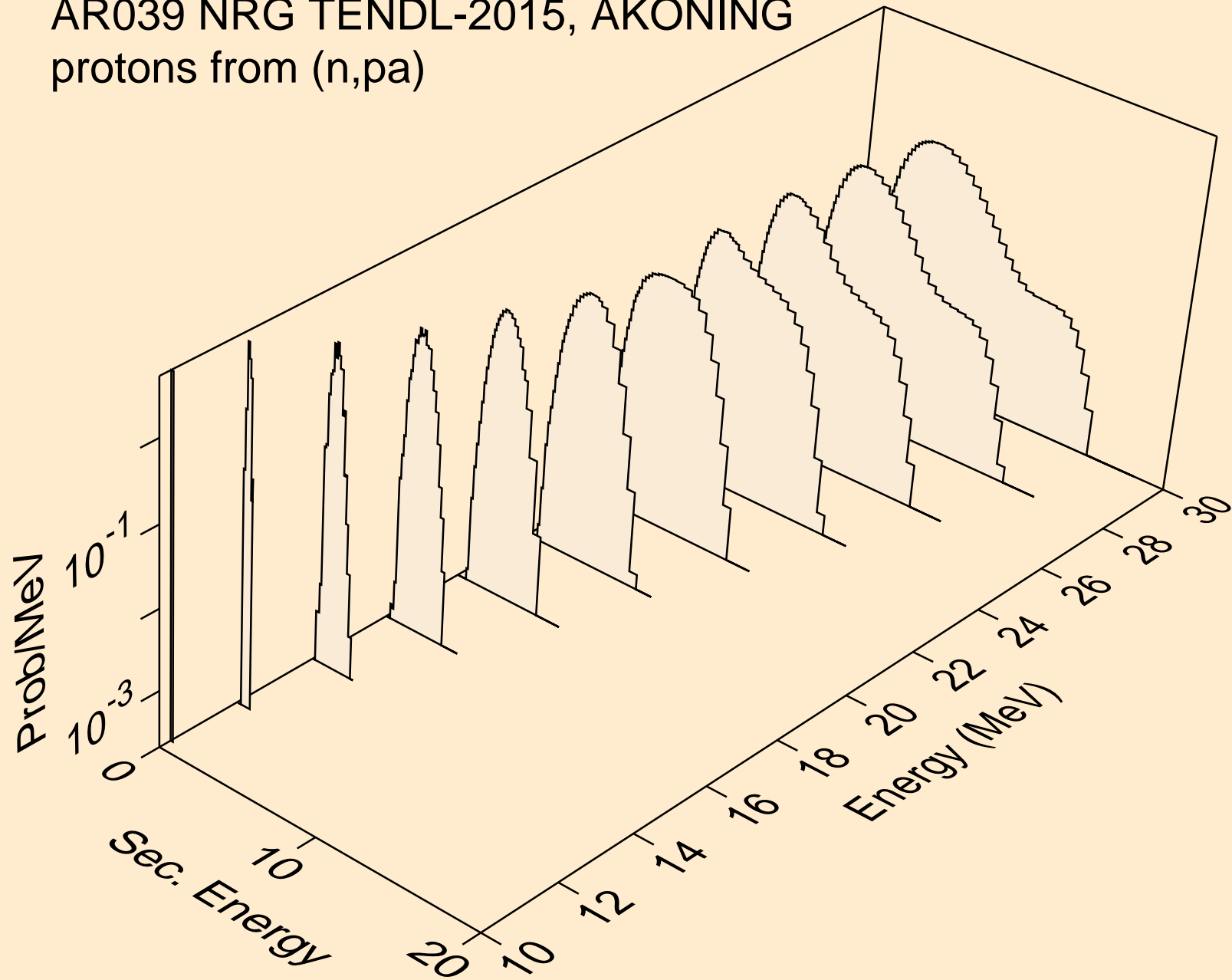
AR039 NRG TENDL-2015, AKONING  
protons from (n,p)



AR039 NRG TENDL-2015, AKONING  
protons from (n,2p)

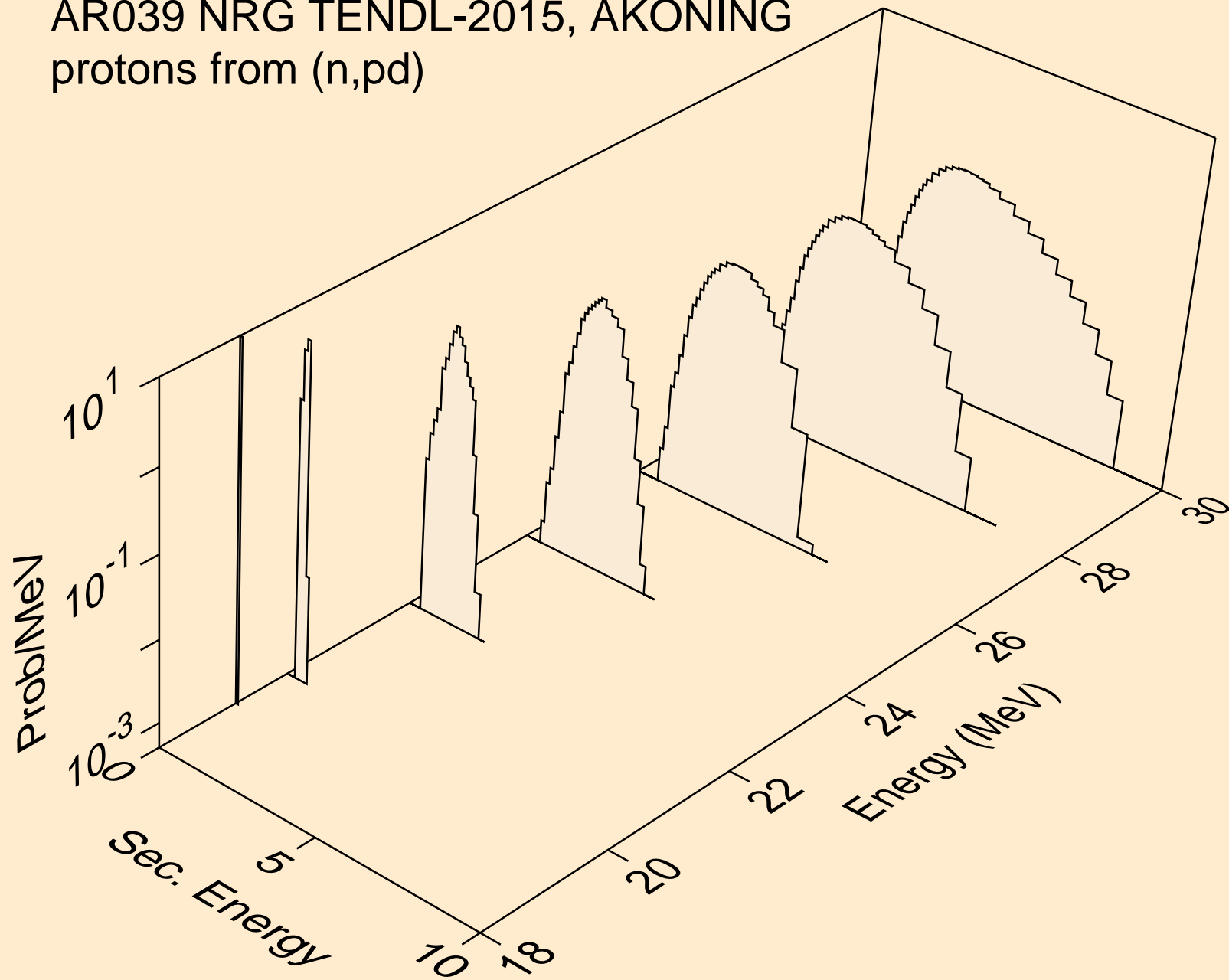


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protons from (n,pa)

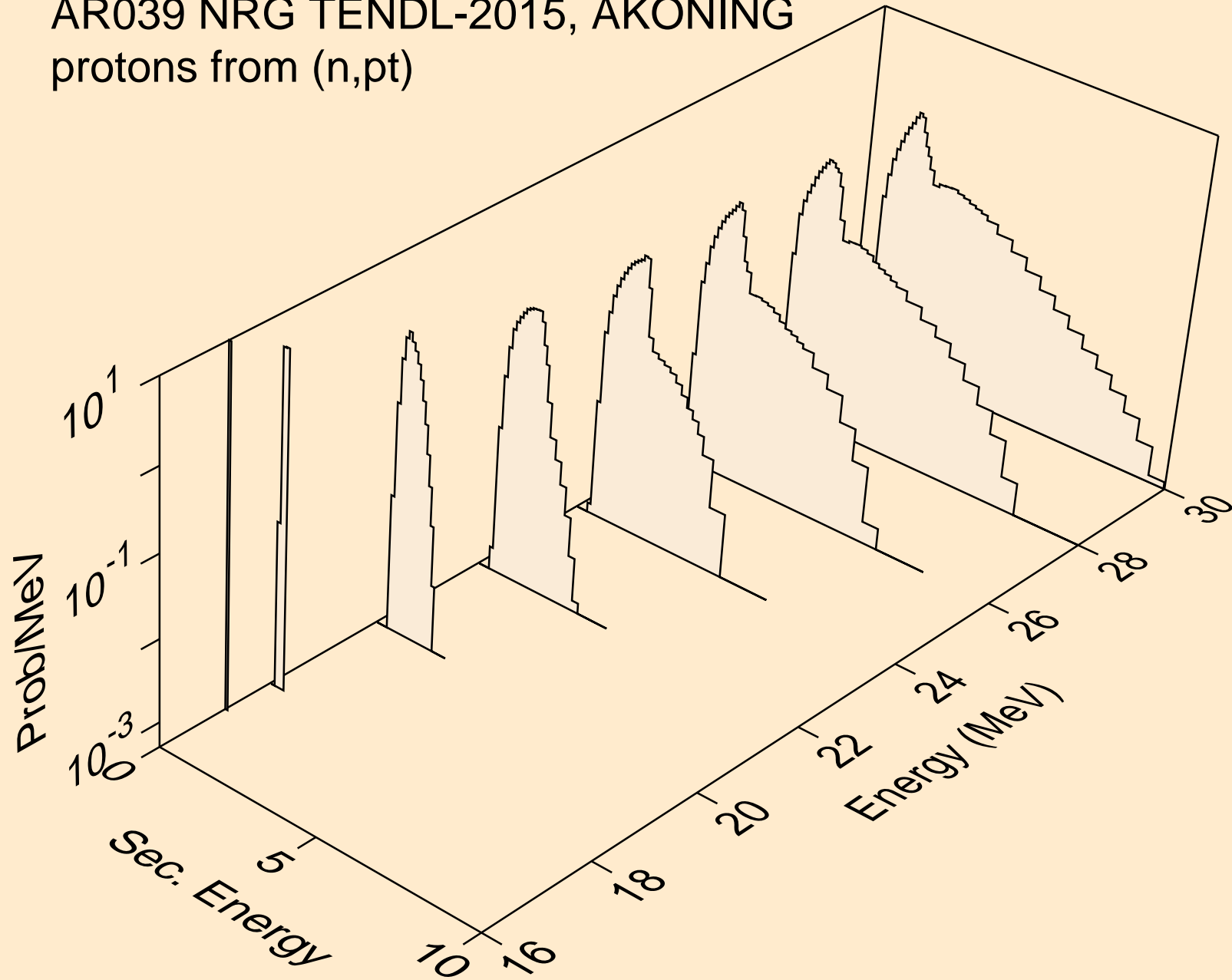




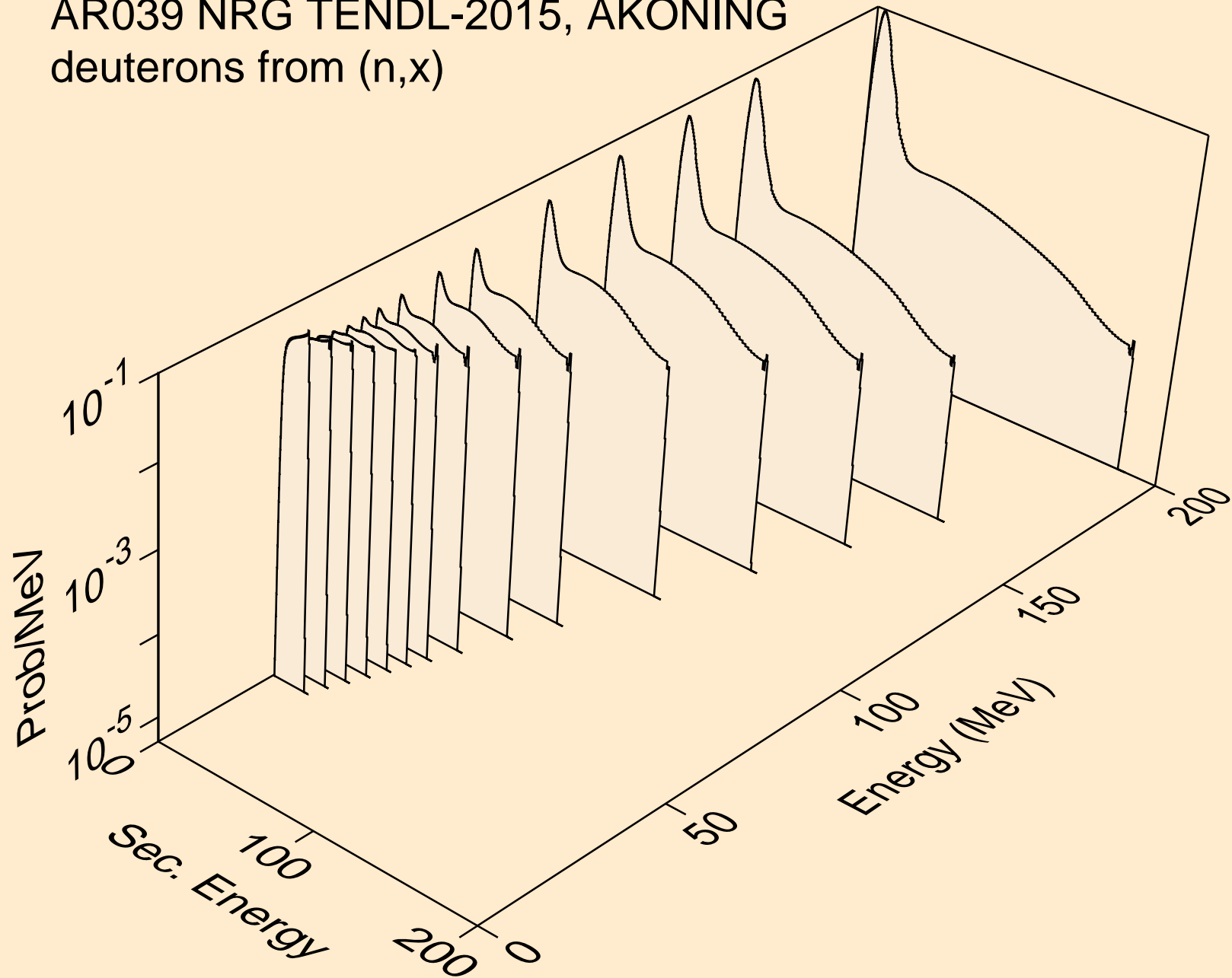
AR039 NRG TENDL-2015, AKONING  
protons from (n,pd)



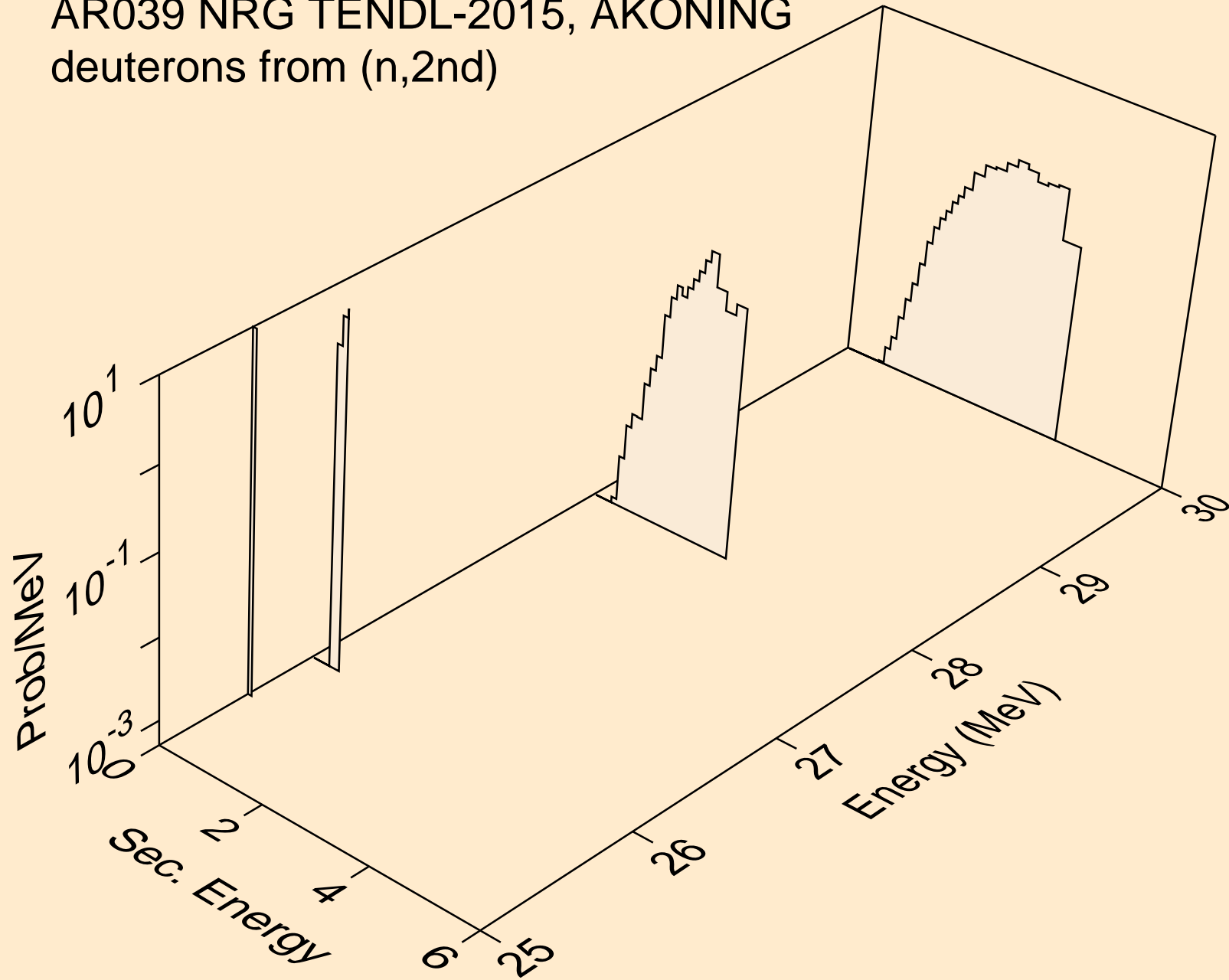
AR039 NRG TENDL-2015, AKONING  
protons from (n,pt)



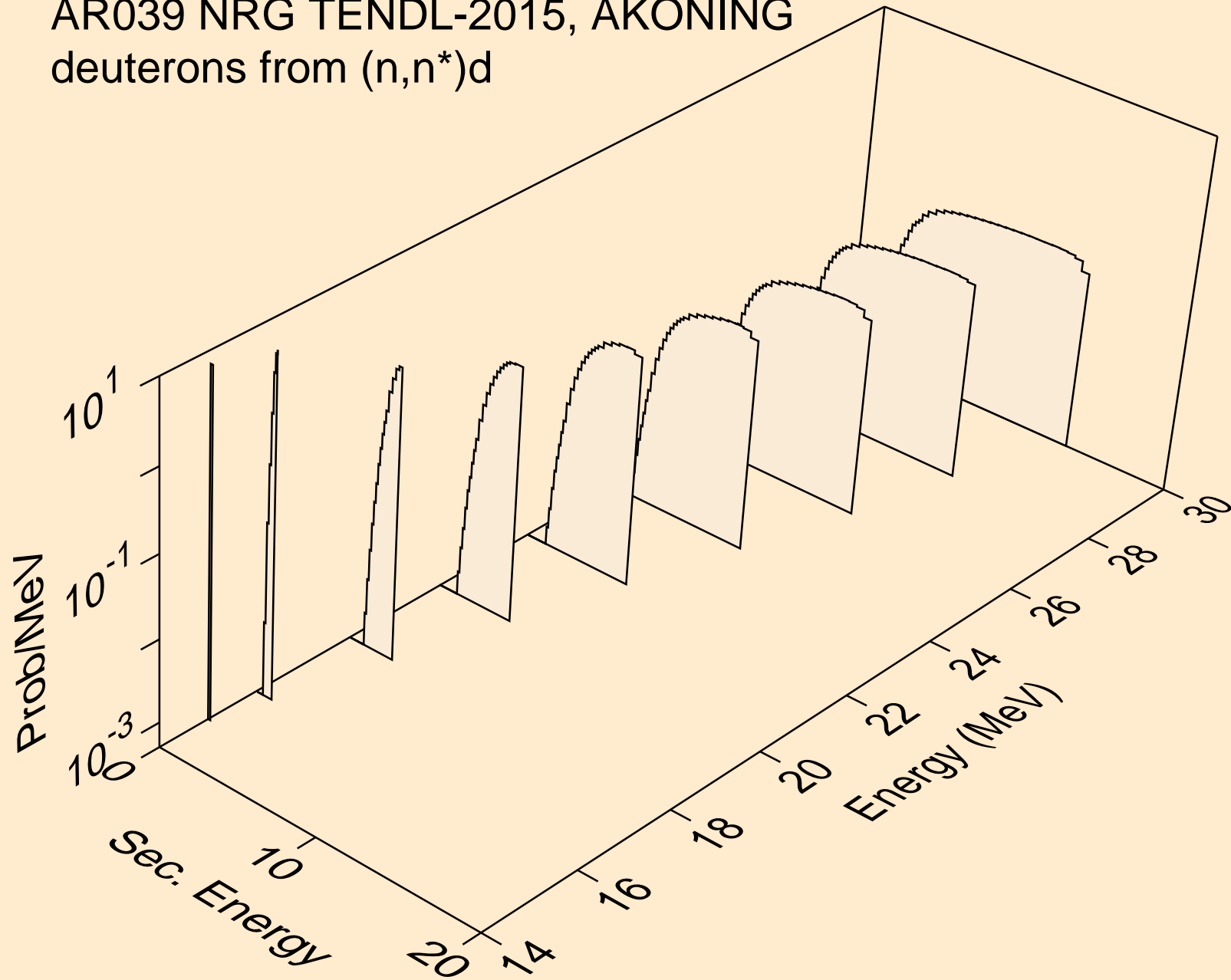
AR039 NRG TENDL-2015, AKONING  
deuterons from (n,x)



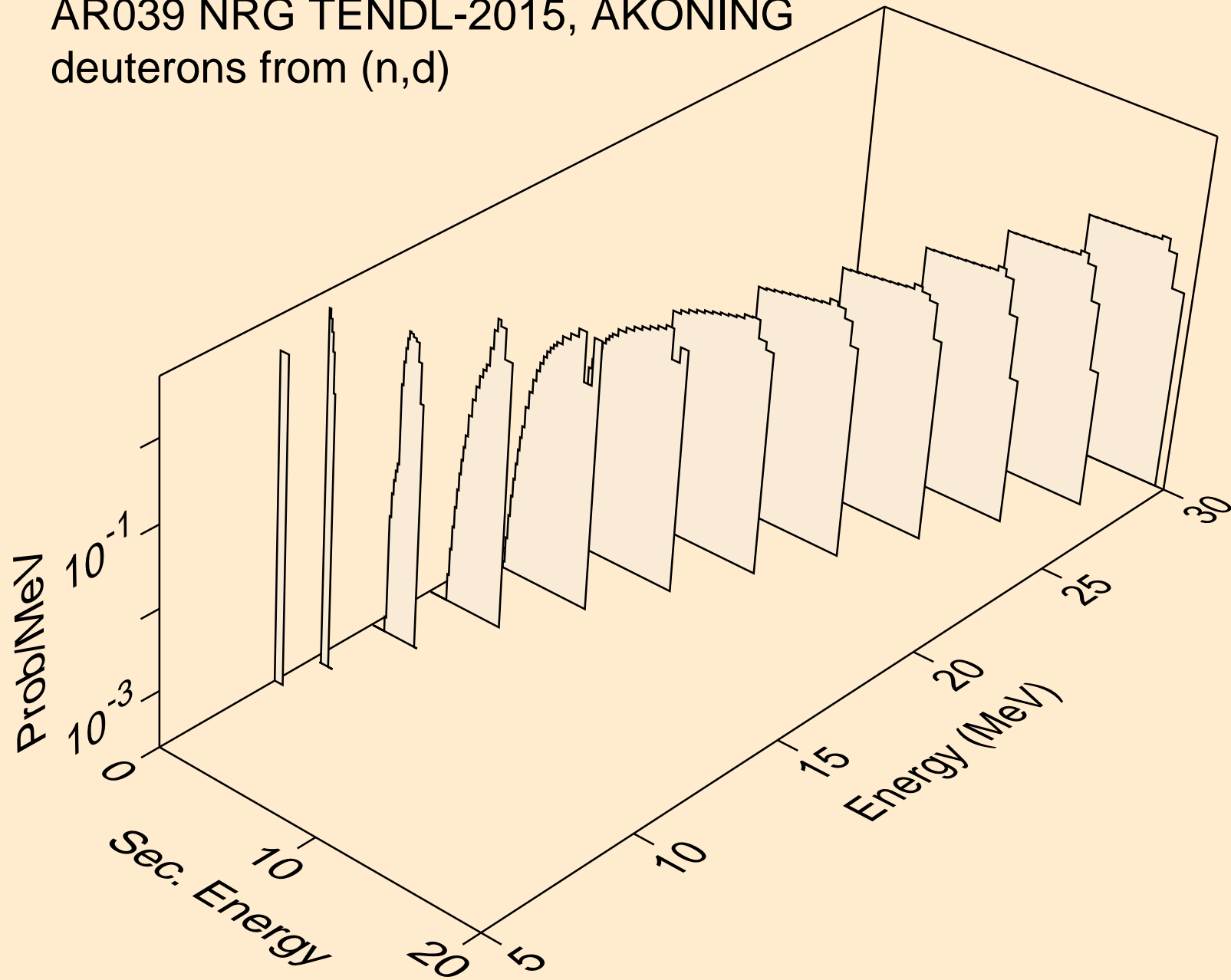
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deuterons from (n,2nd)



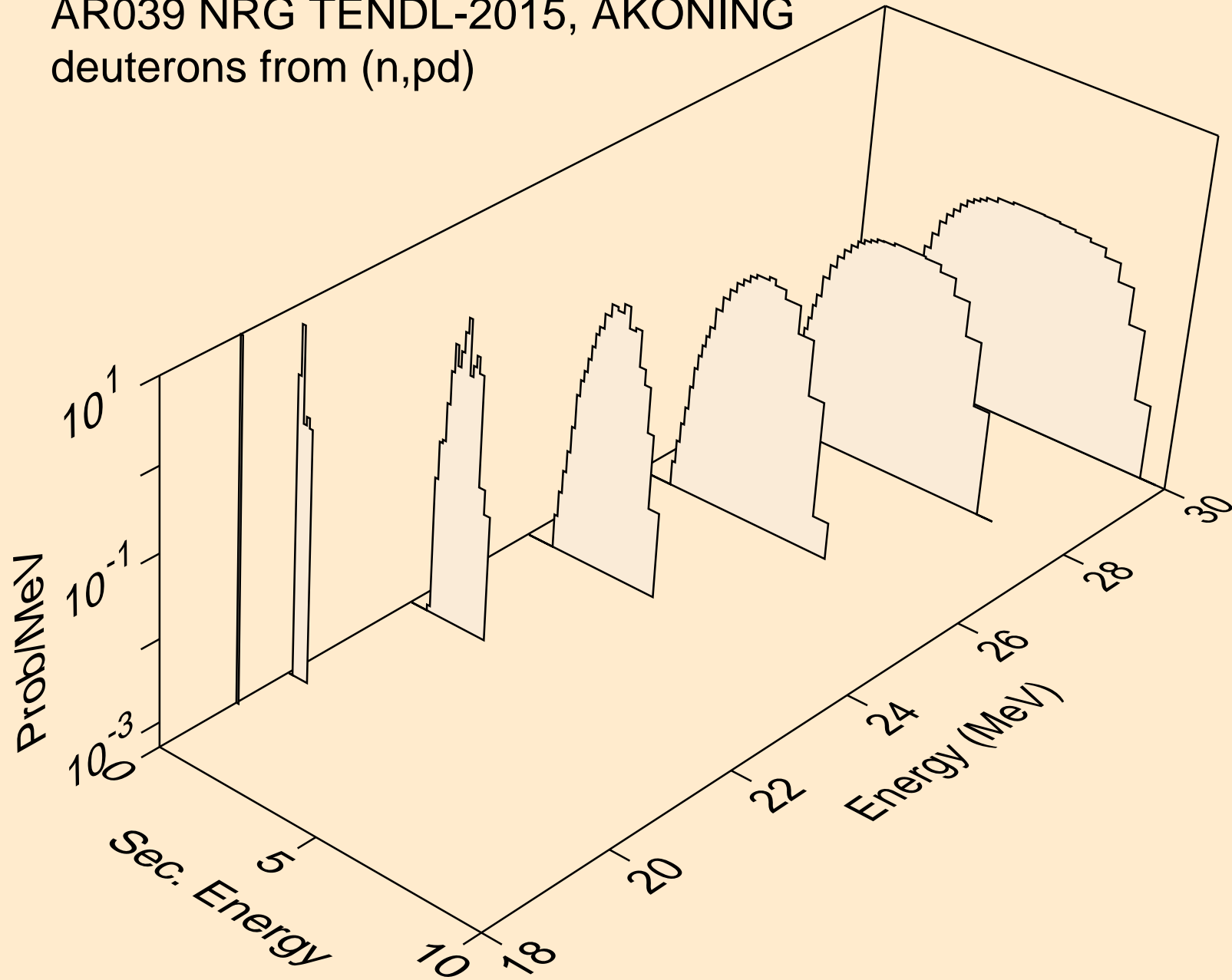
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deuterons from (n,n\*)d



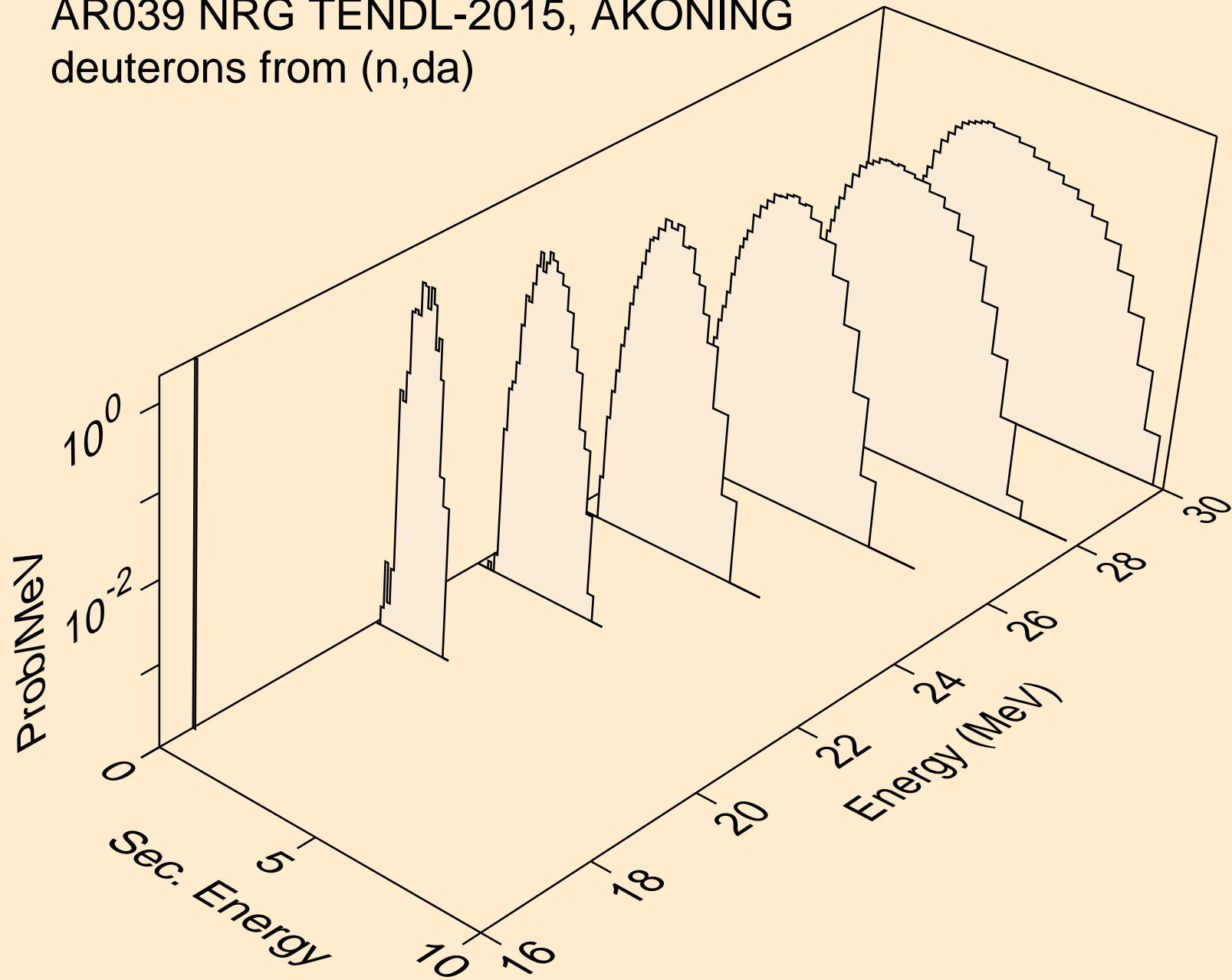
AR039 NRG TENDL-2015, AKONING  
deuterons from (n,d)



AR039 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

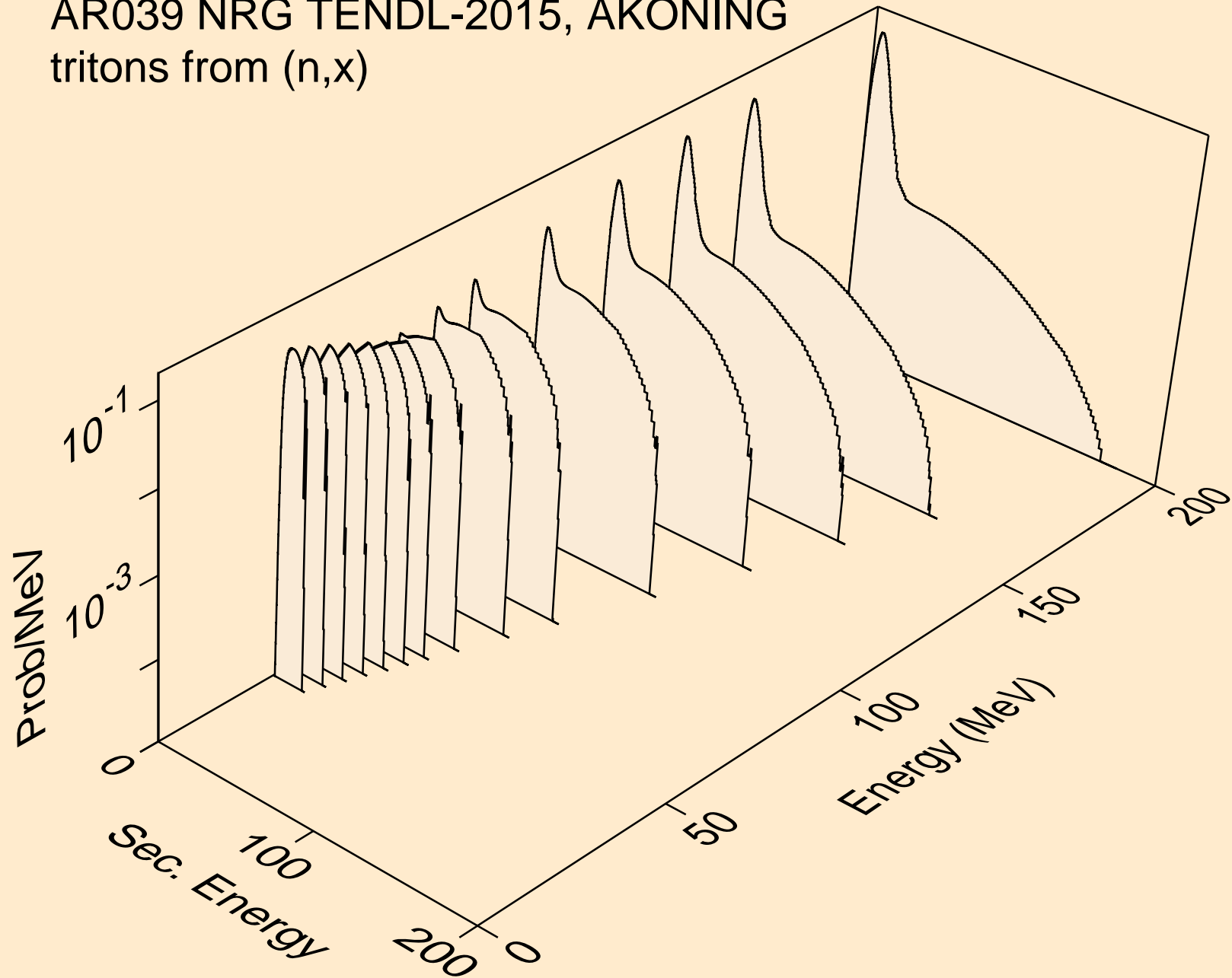


AR039 NRG TENDL-2015, AKONING  
deuterons from (n,da)

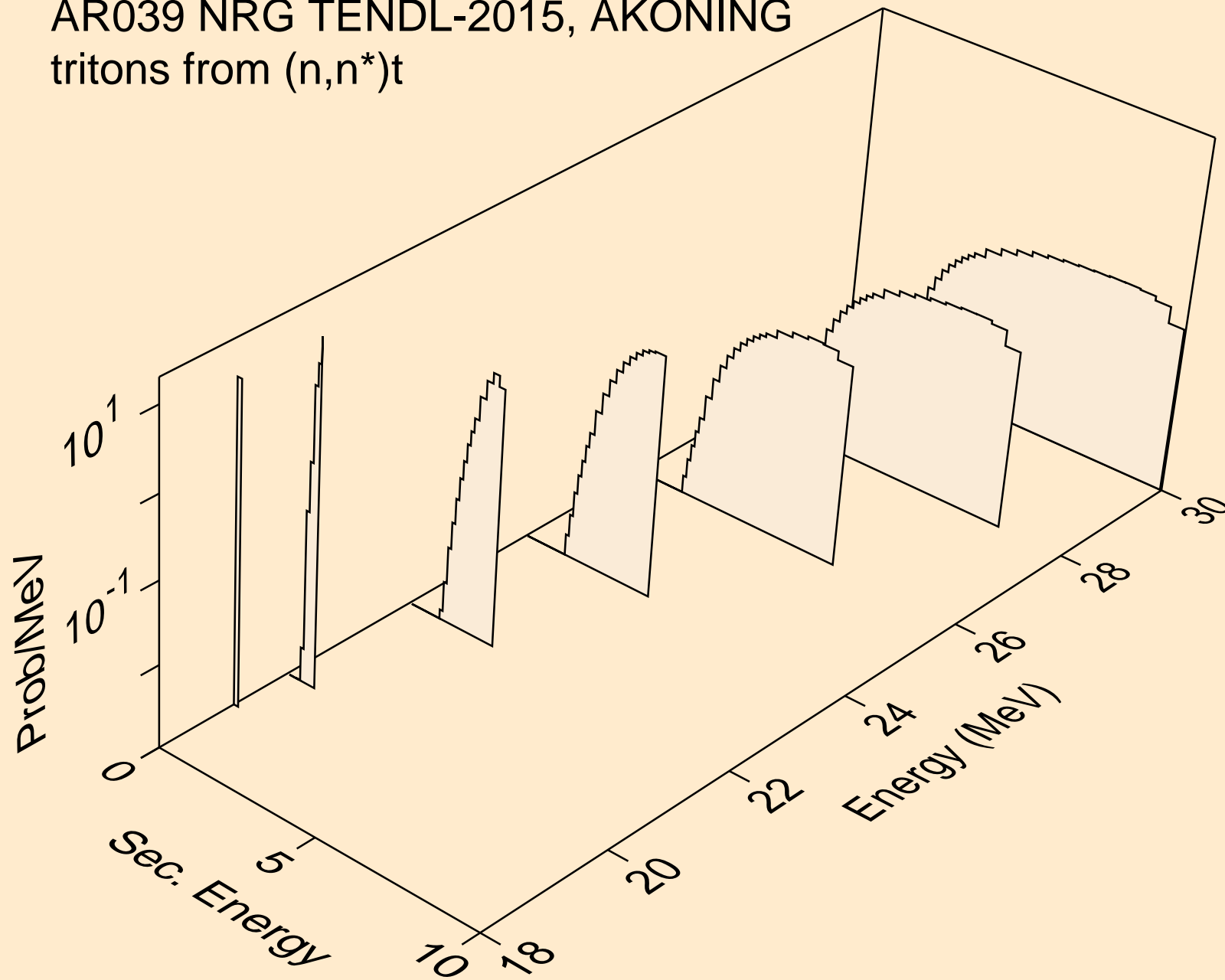




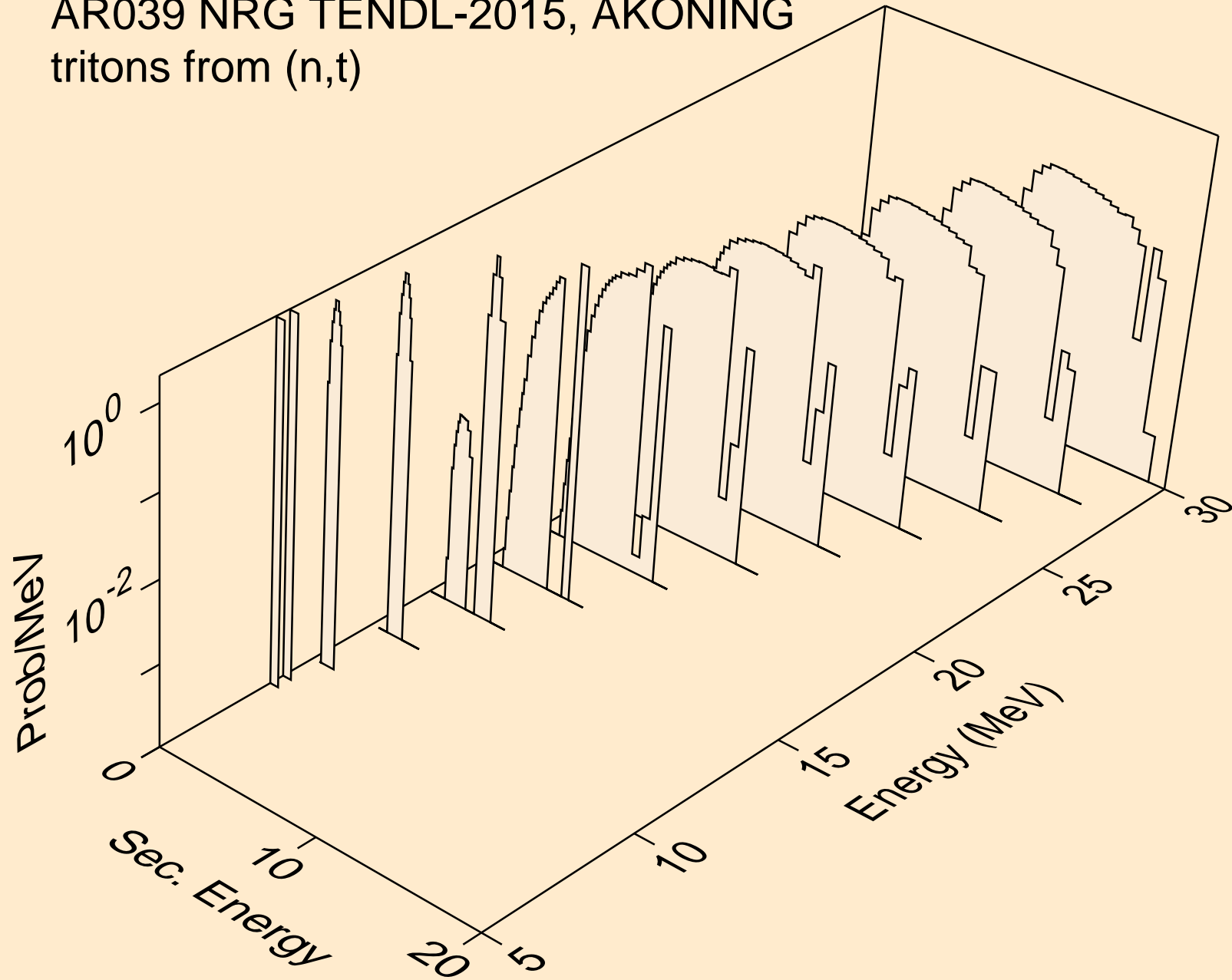
AR039 NRG TENDL-2015, AKONING  
tritons from (n,x)



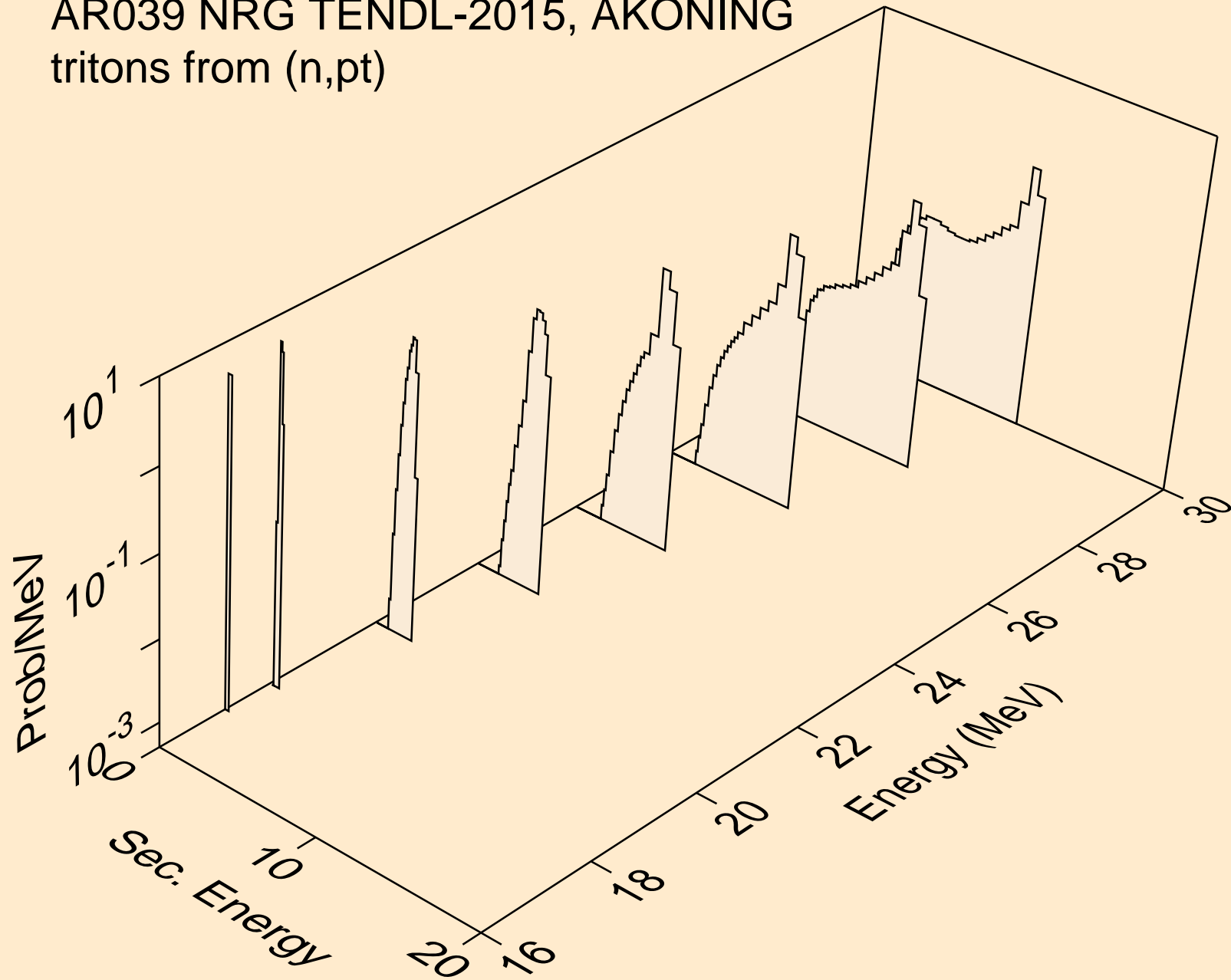
AR039 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



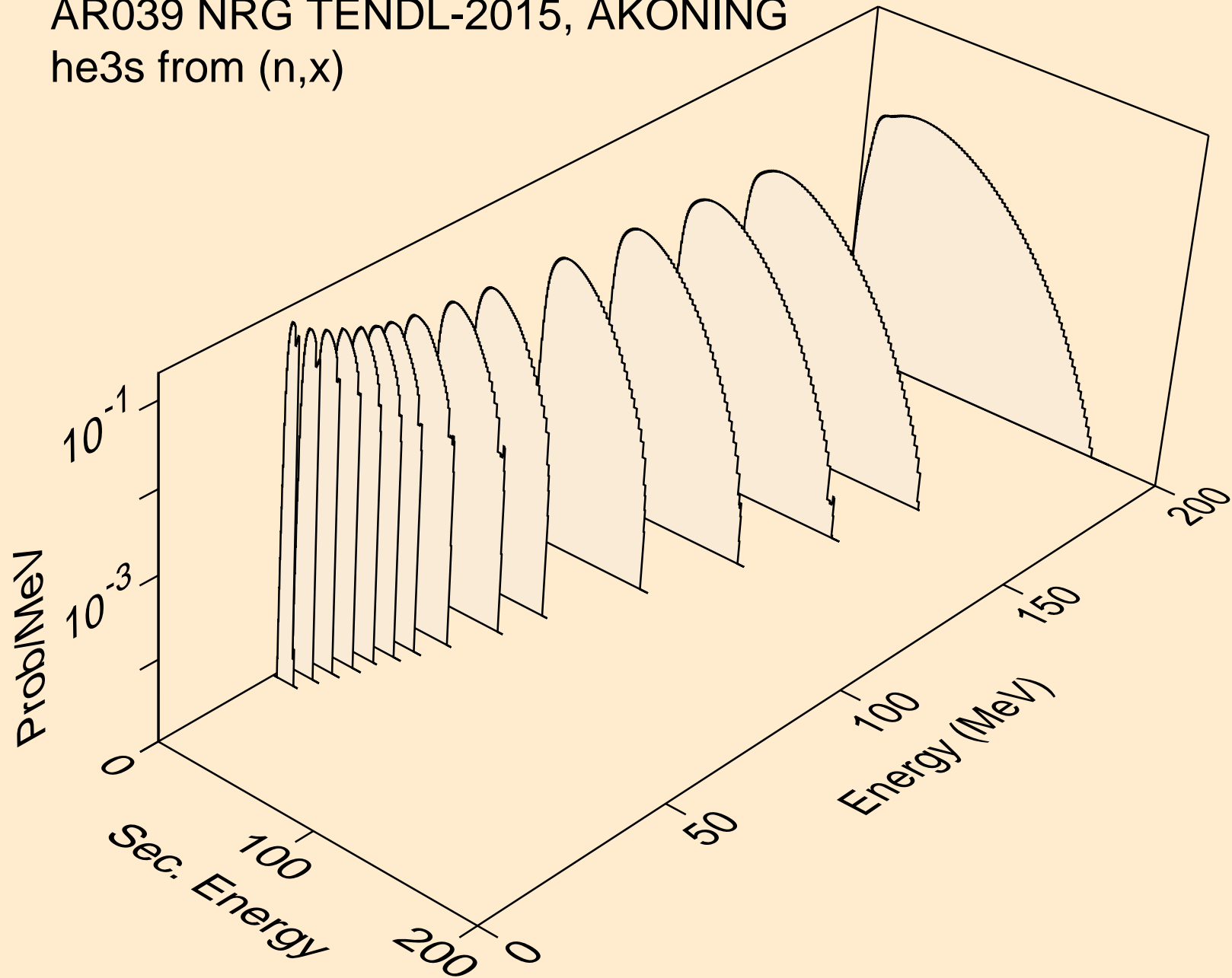
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tritons from (n,t)



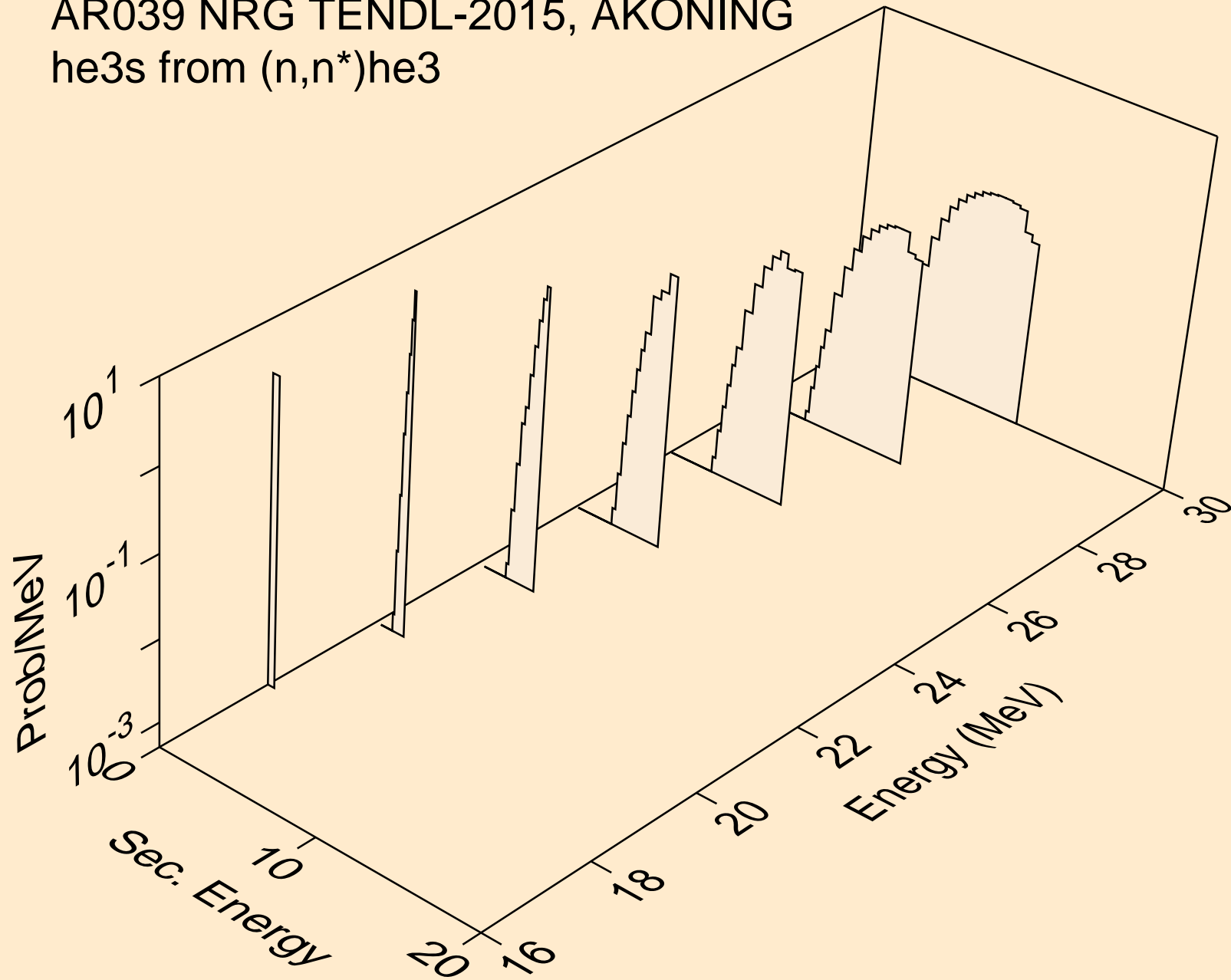
AR039 NRG TENDL-2015, AKONING  
tritons from (n,pt)



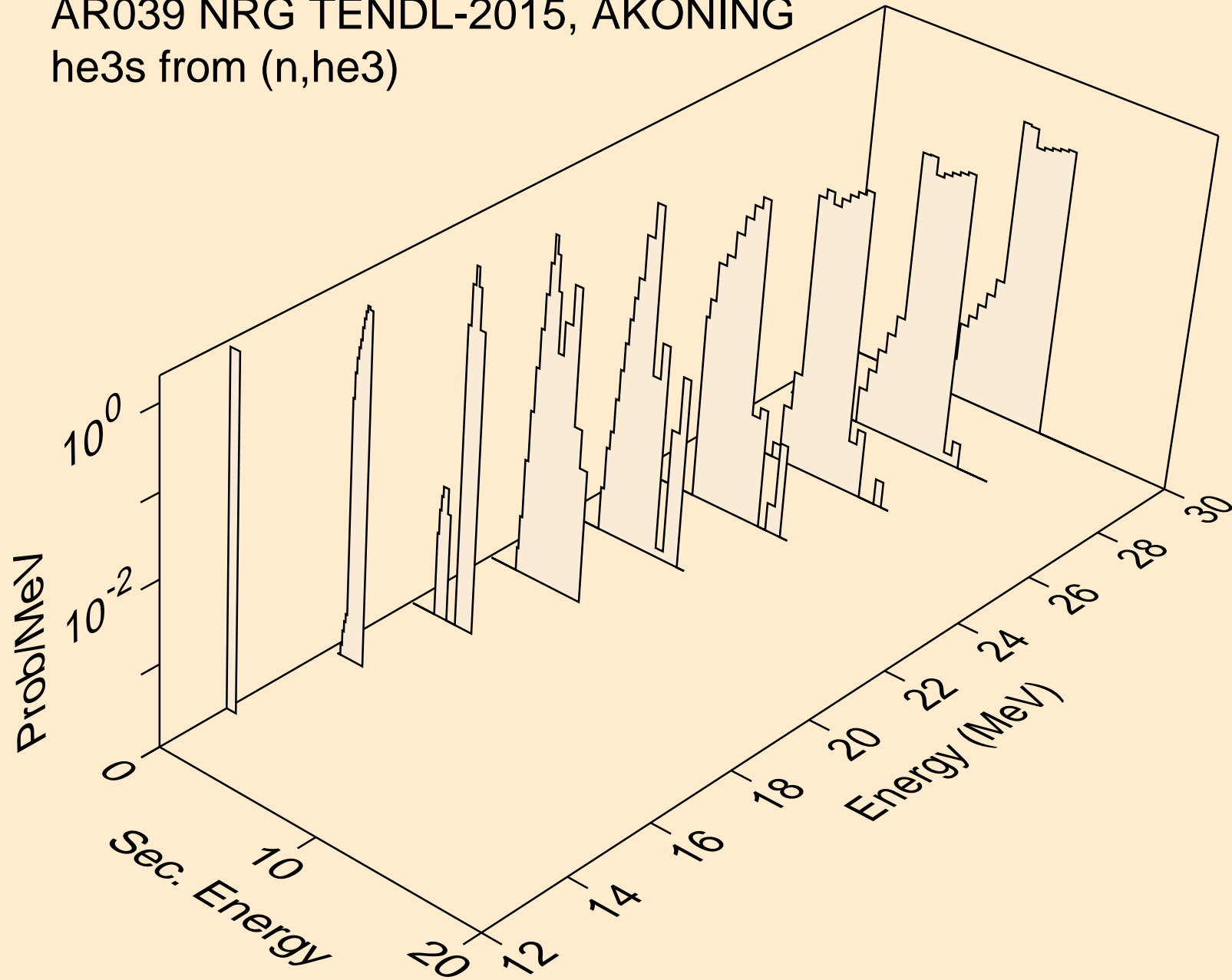
AR039 NRG TENDL-2015, AKONING  
he3s from (n,x)



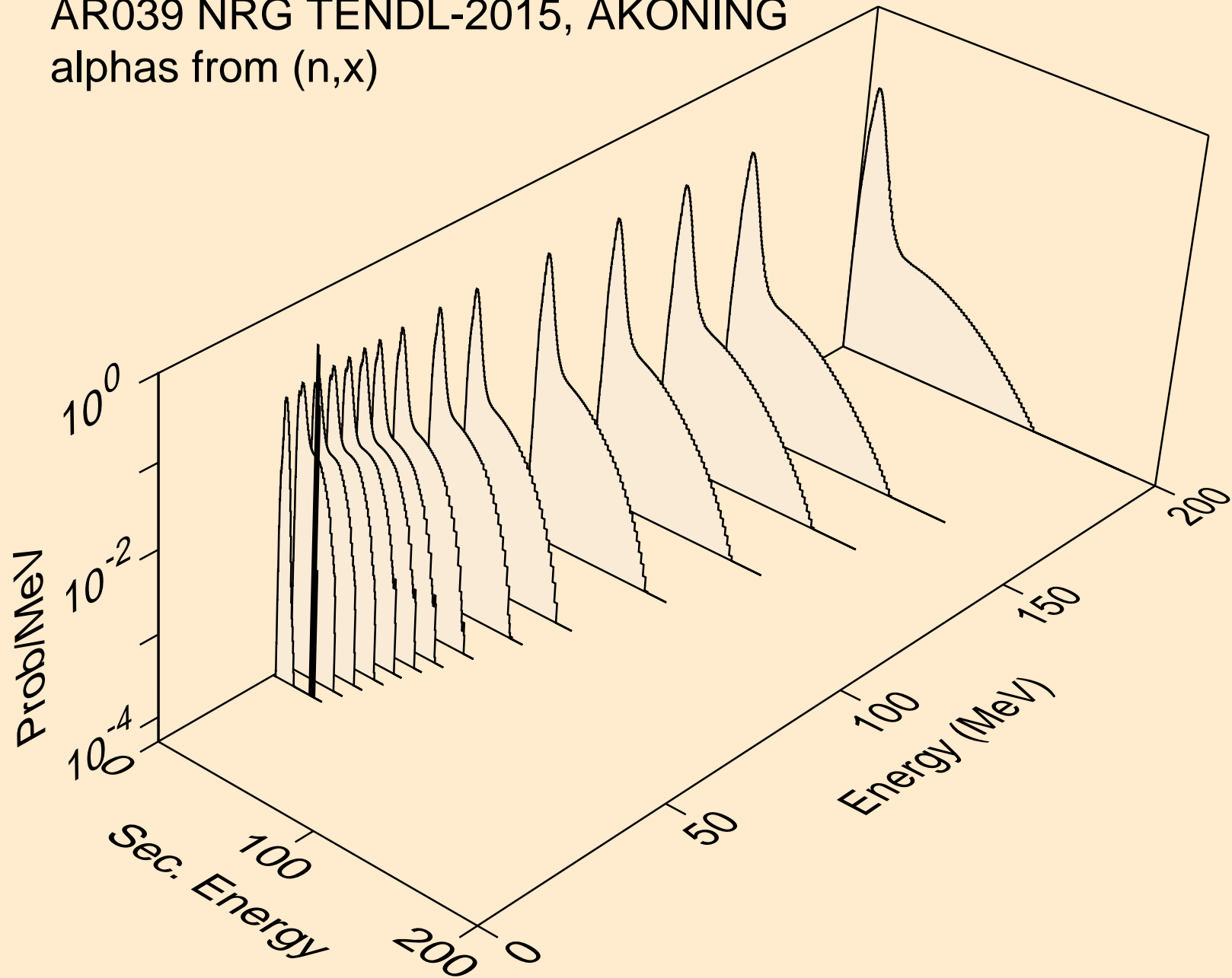
AR039 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



AR039 NRG TENDL-2015, AKONING  
he3s from (n,he3)

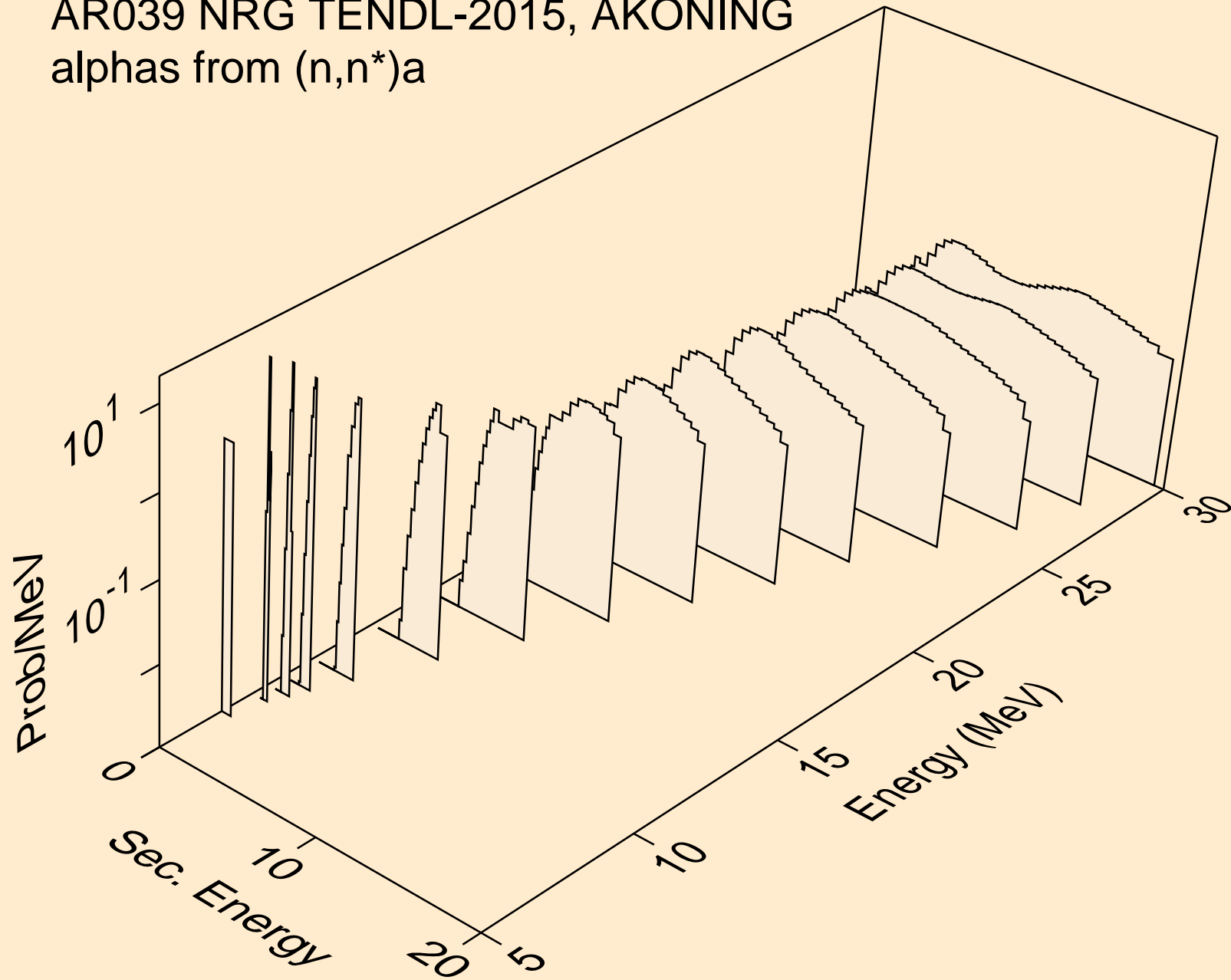


AR039 NRG TENDL-2015, AKONING  
alphas from (n,x)

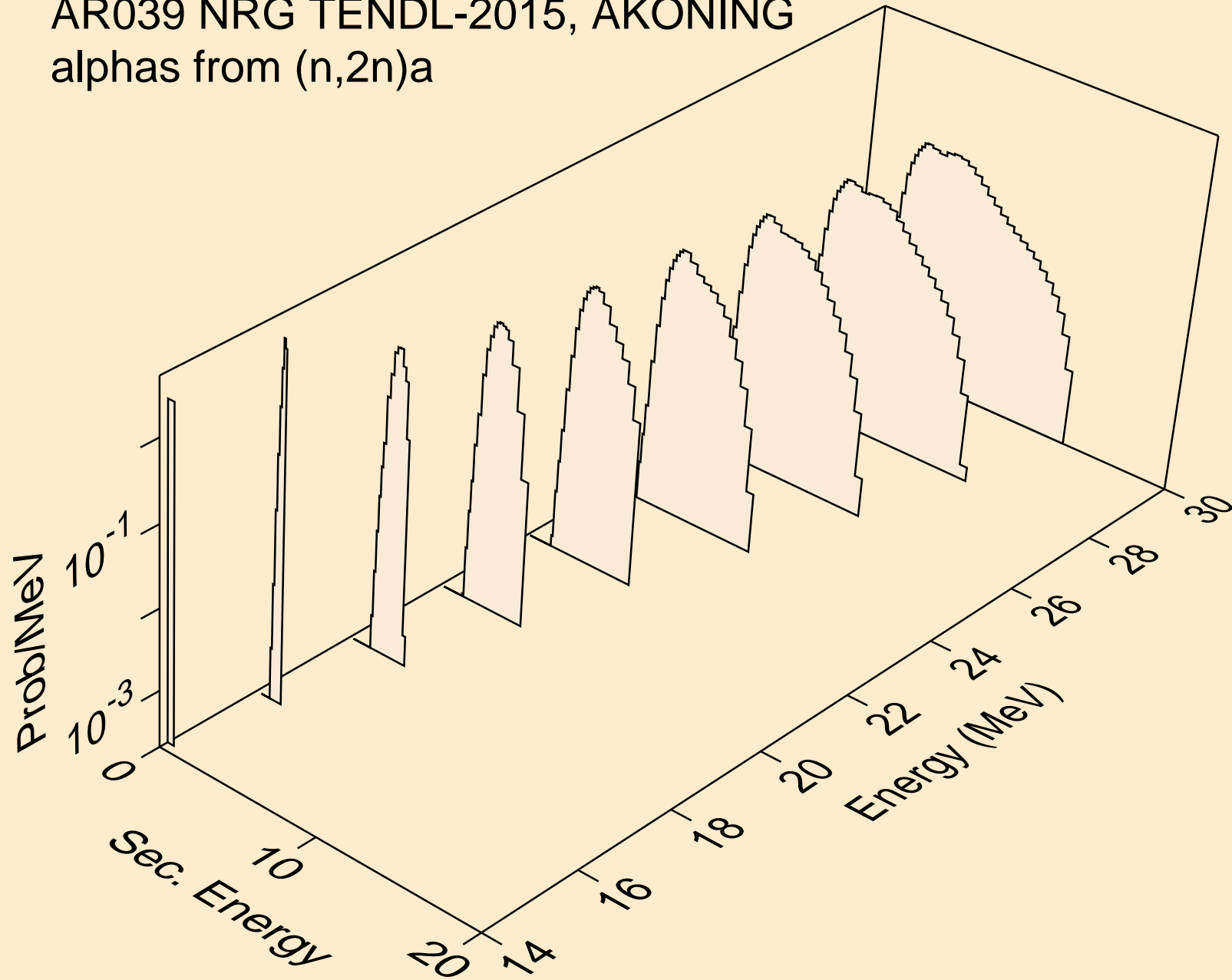




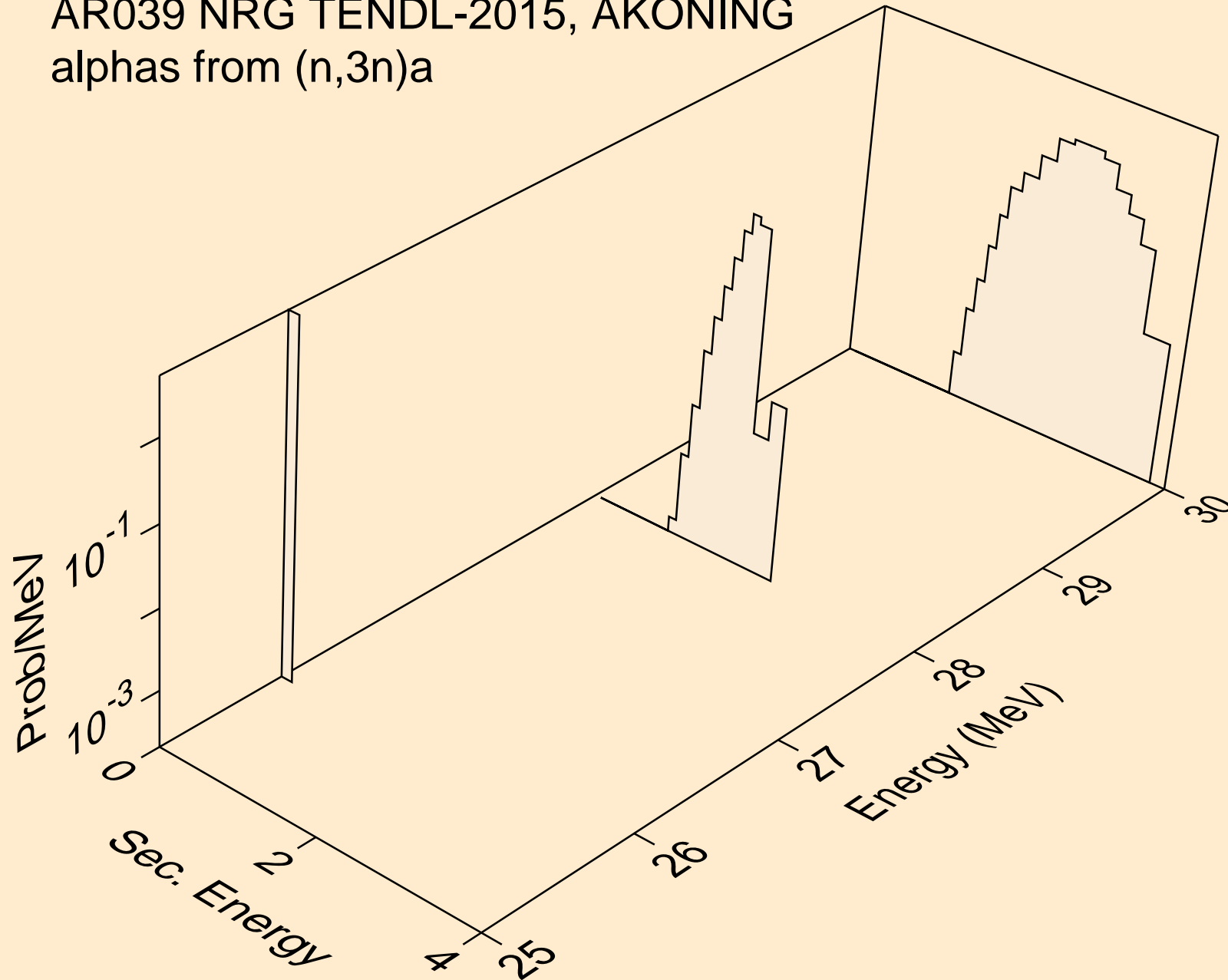
AR039 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



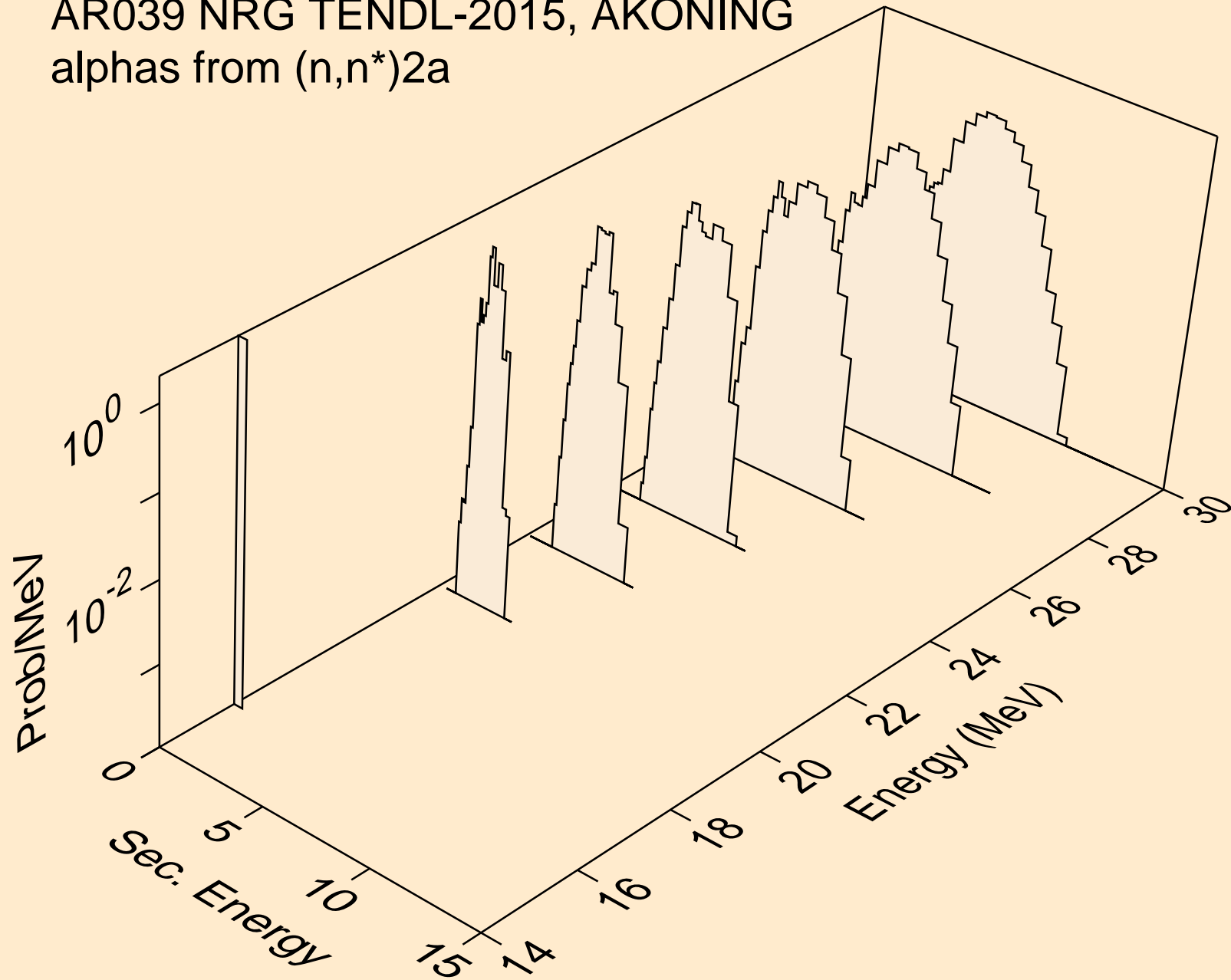
AR039 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



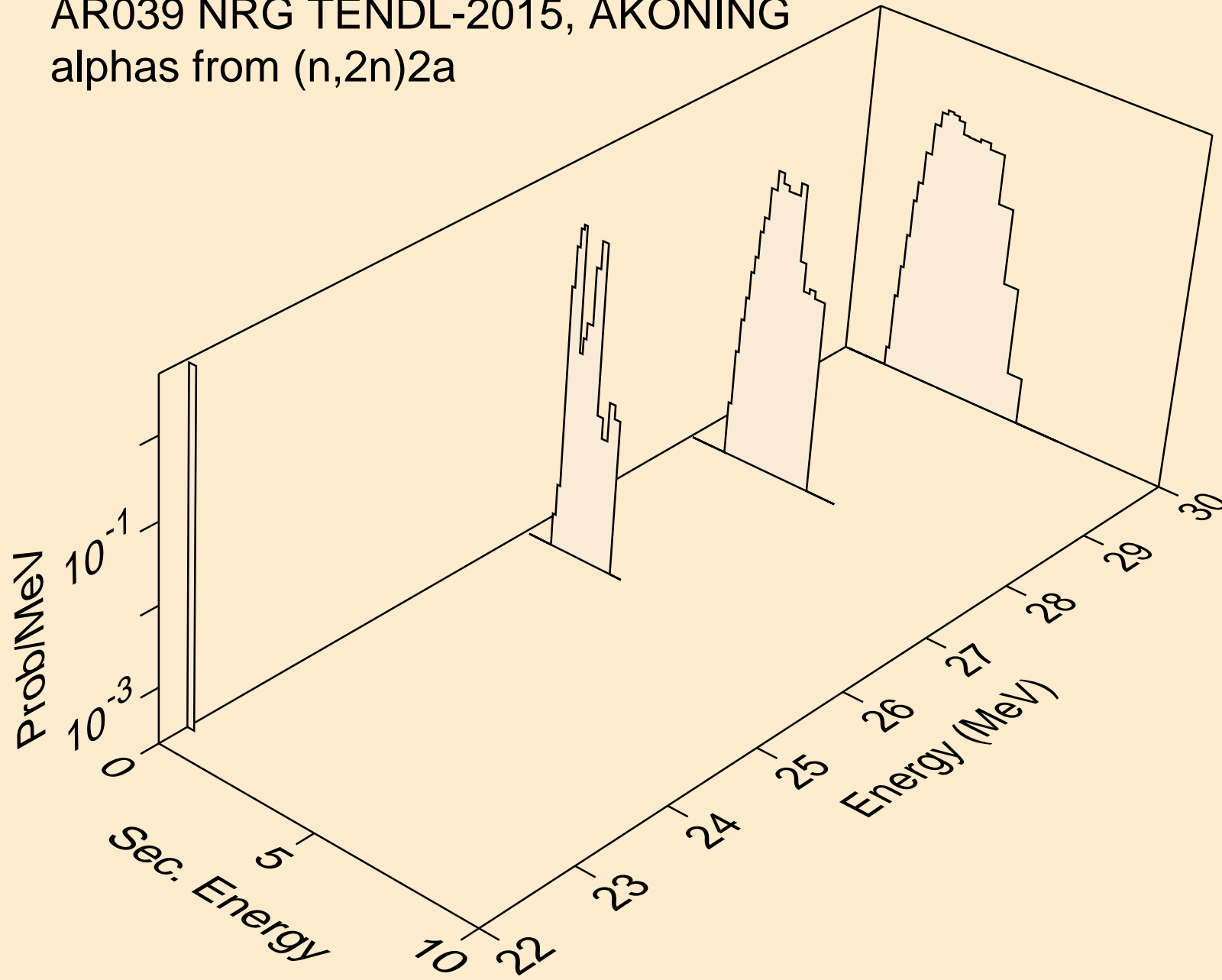
AR039 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



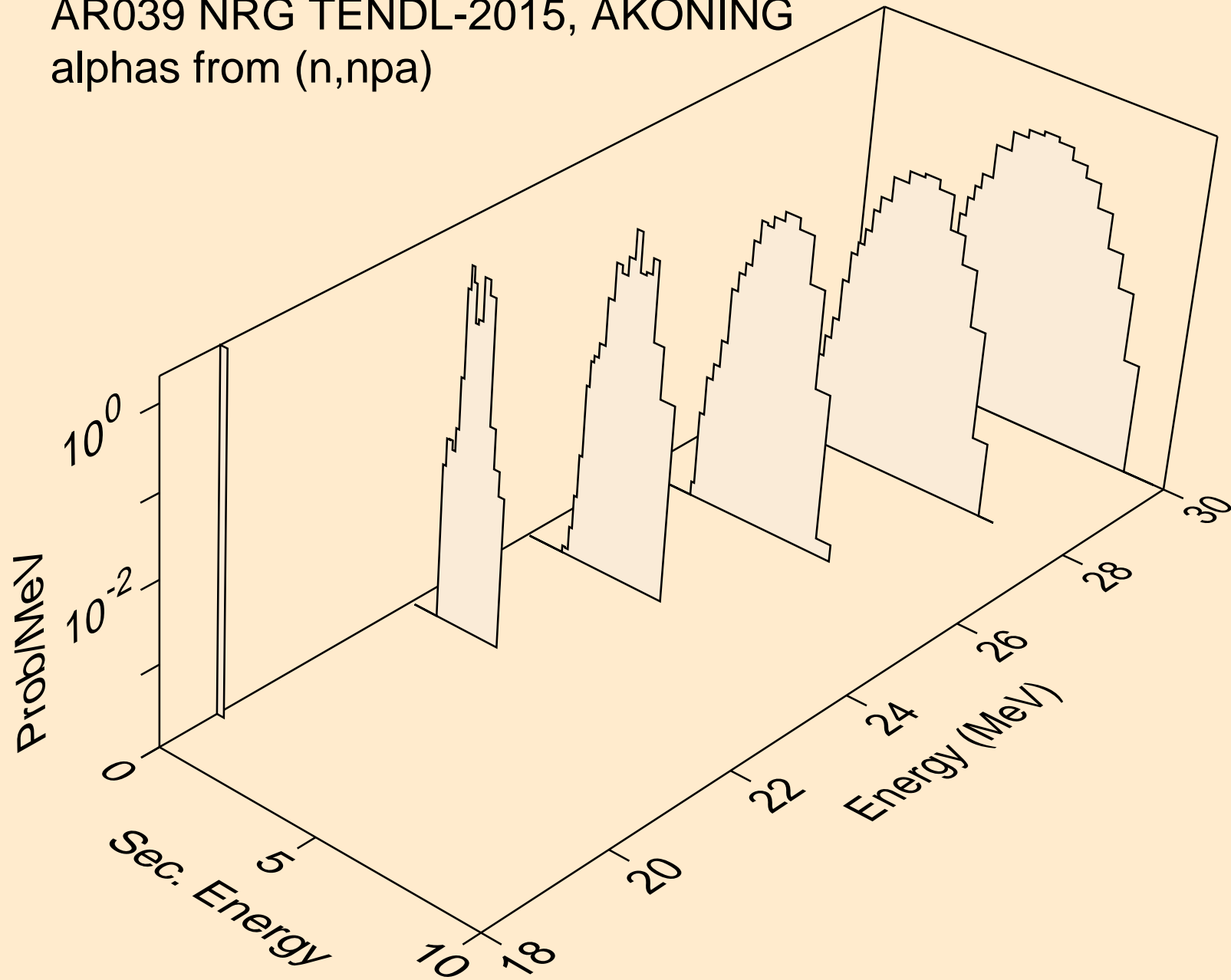
AR039 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



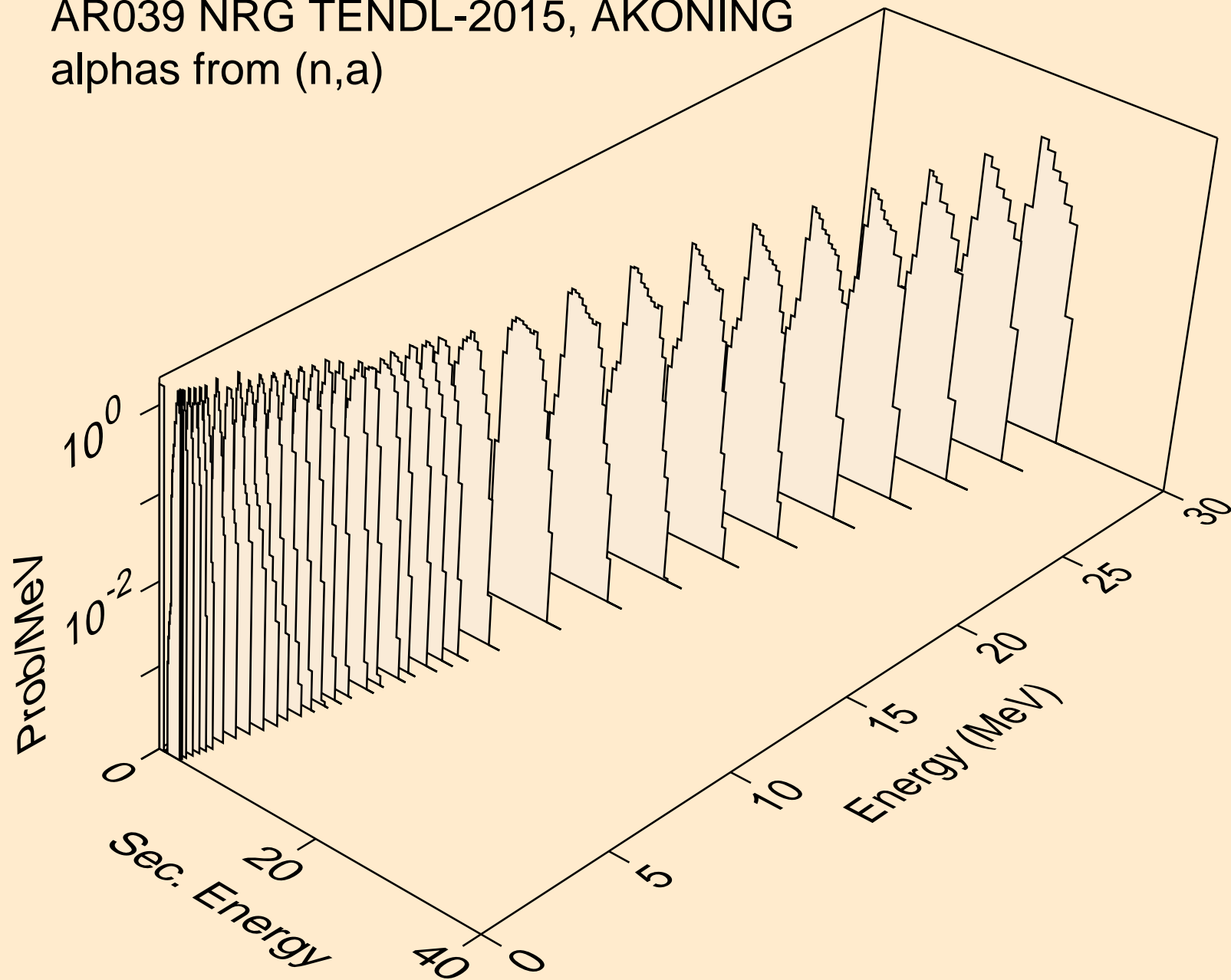
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alphas from (n,2n)2a



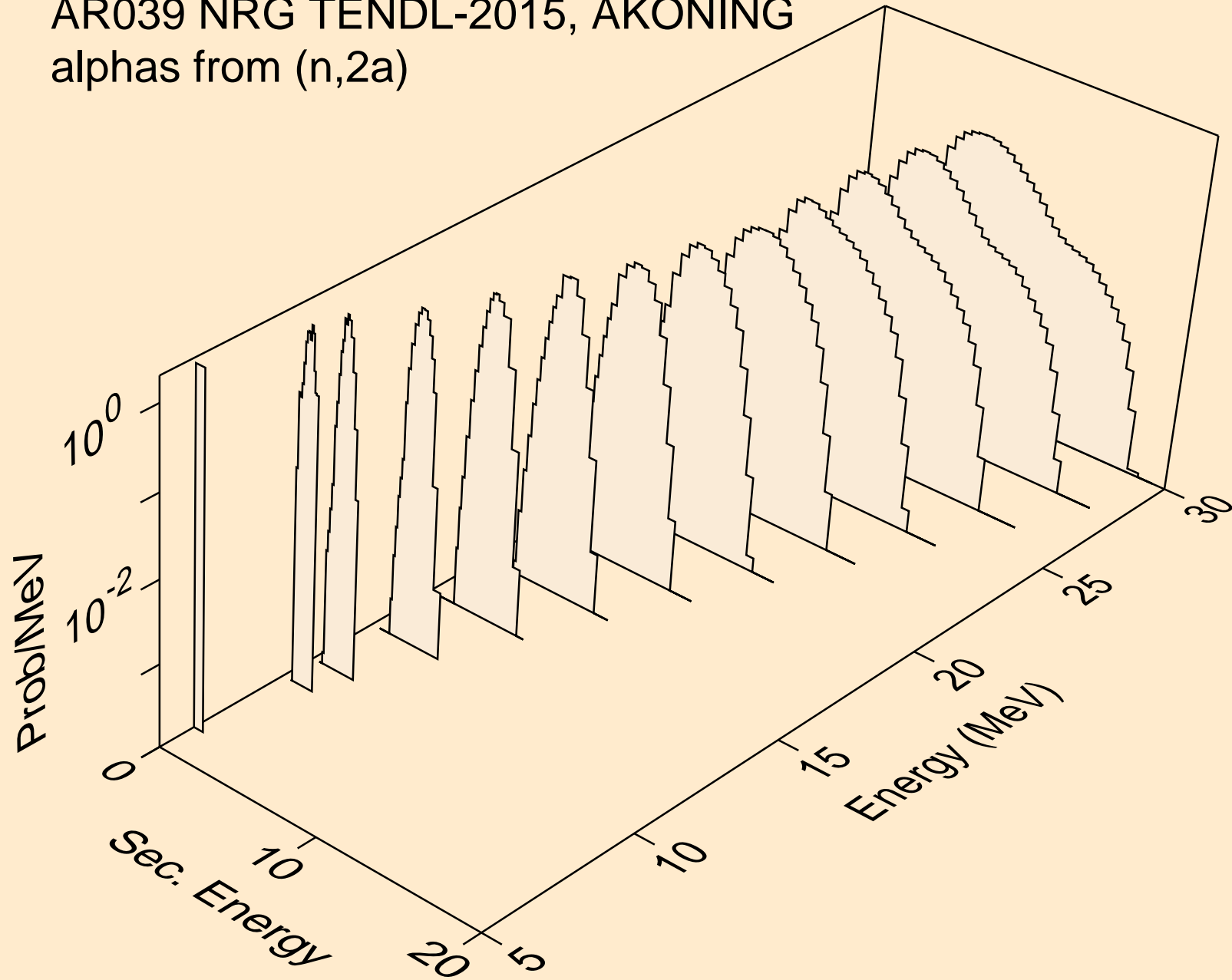
AR039 NRG TENDL-2015, AKONING  
alphas from (n,npa)



AR039 NRG TENDL-2015, AKONING  
alphas from (n,a)

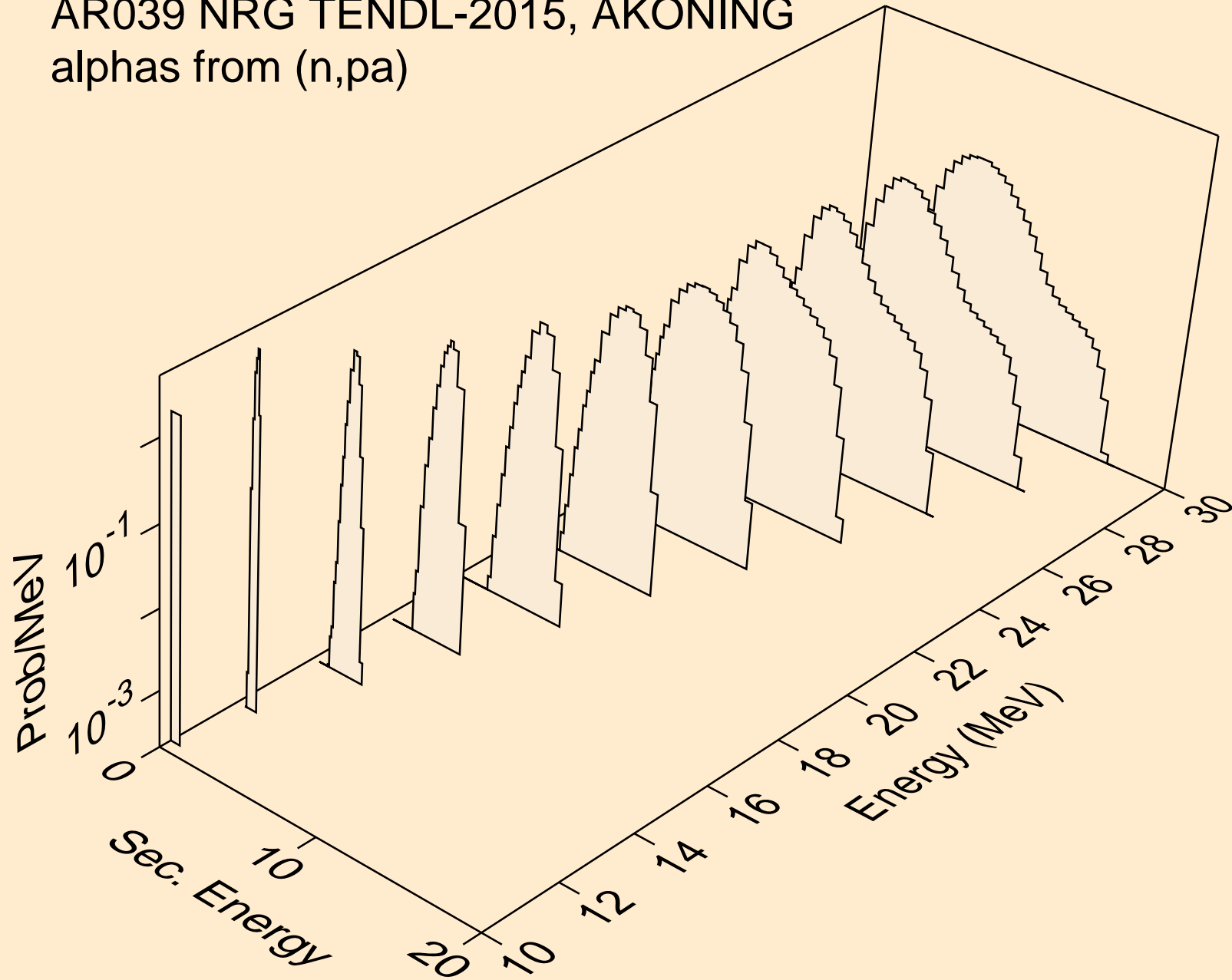


AR039 NRG TENDL-2015, AKONING  
alphas from (n,2a)





AR039 NRG TENDL-2015, AKONING  
alphas from (n,pa)



AR039 NRG TENDL-2015, AKONING  
alphas from (n,da)

