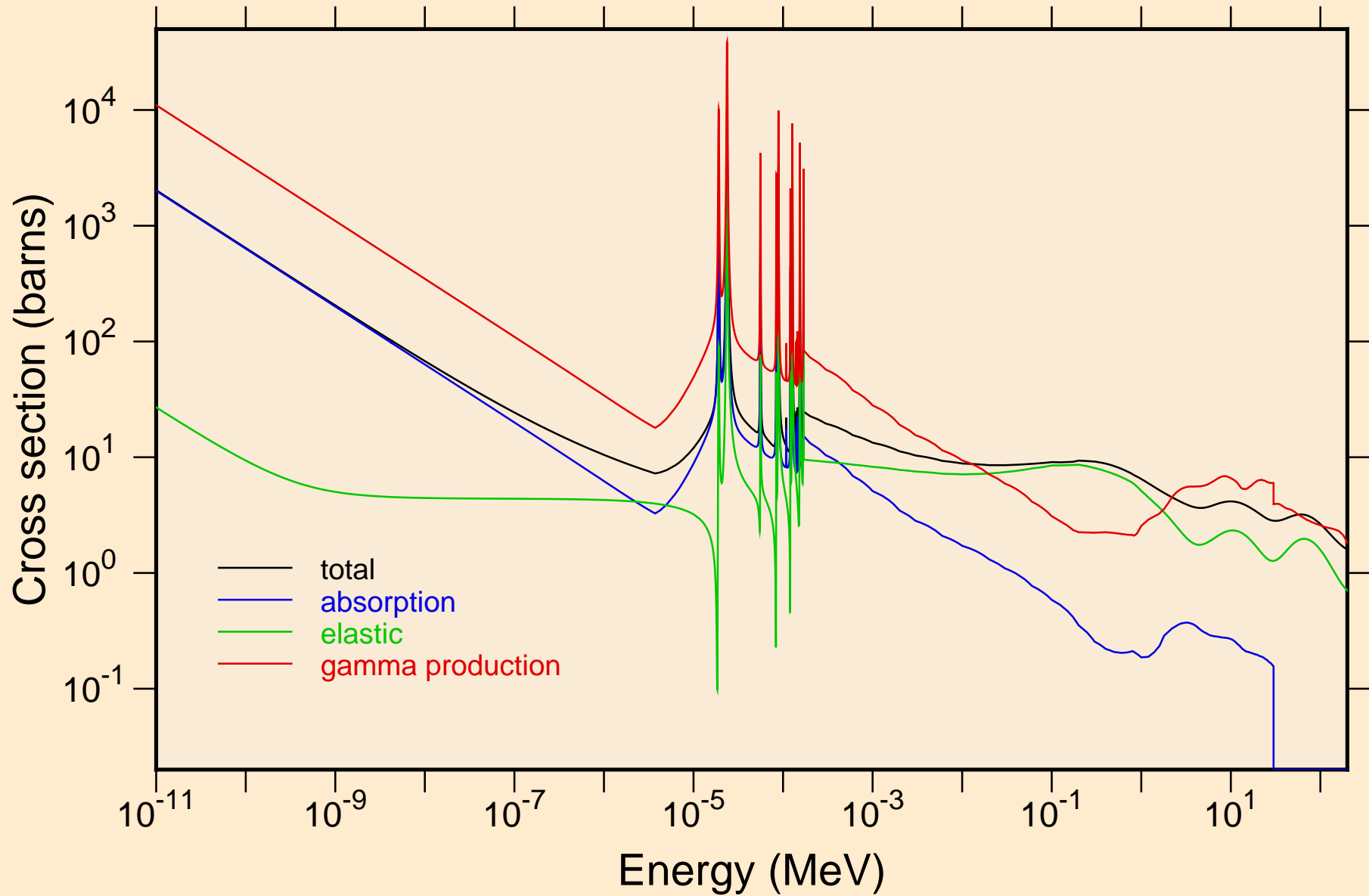


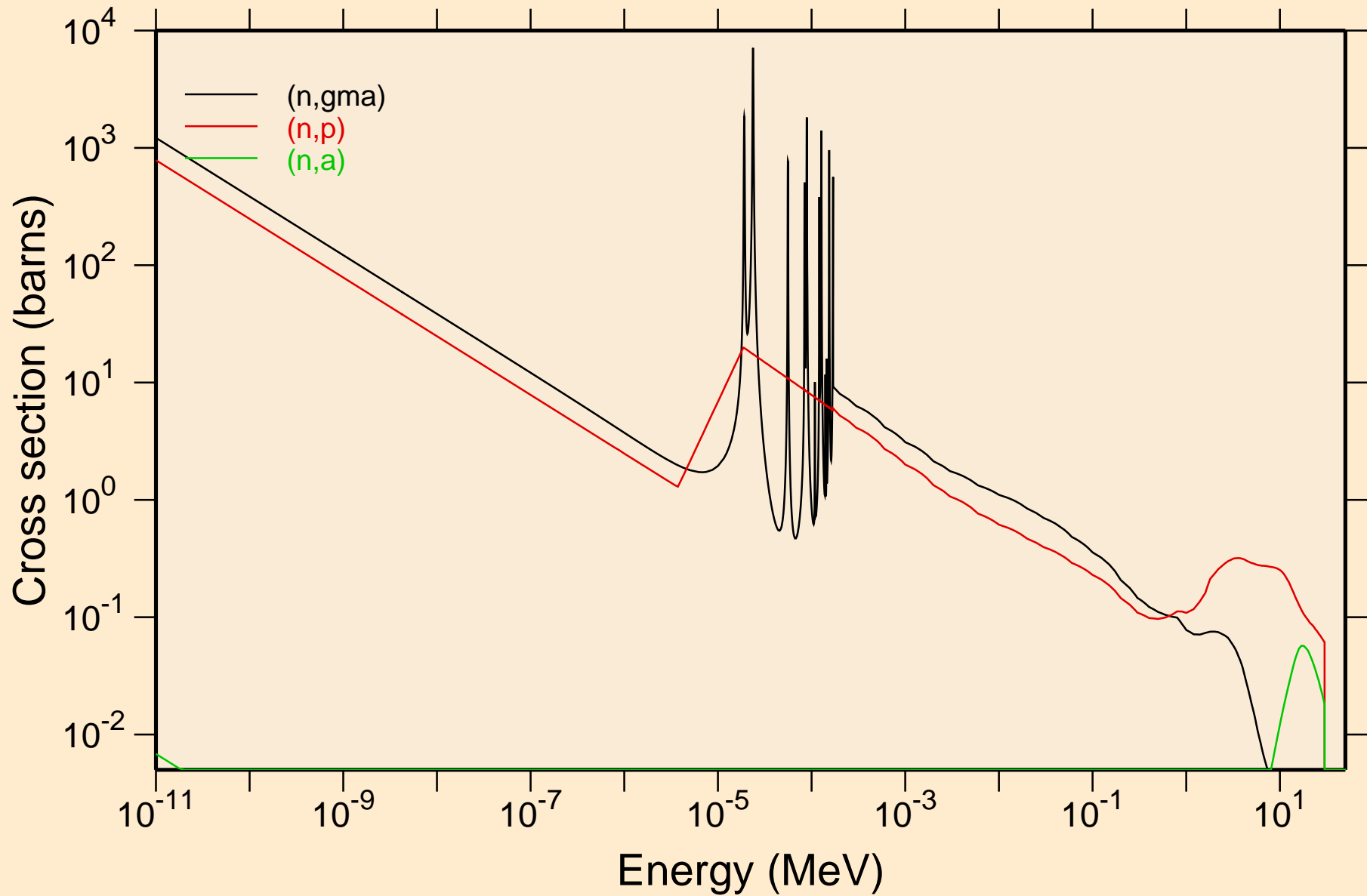
# NB090 NRG TENDL-2015, AKONING

## Principal cross sections



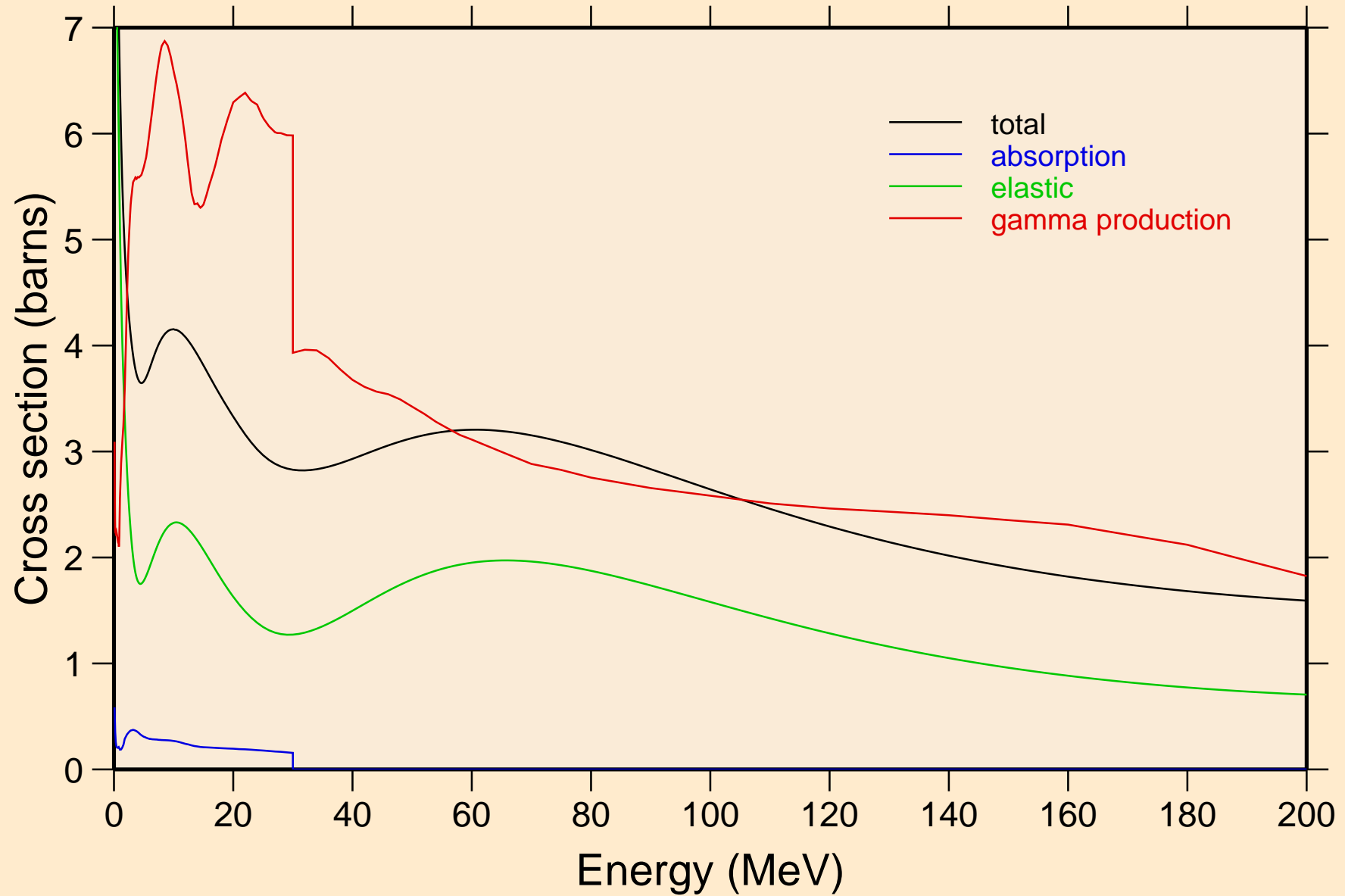
# NB090 NRG TENDL-2015, AKONING

## Non-threshold reactions



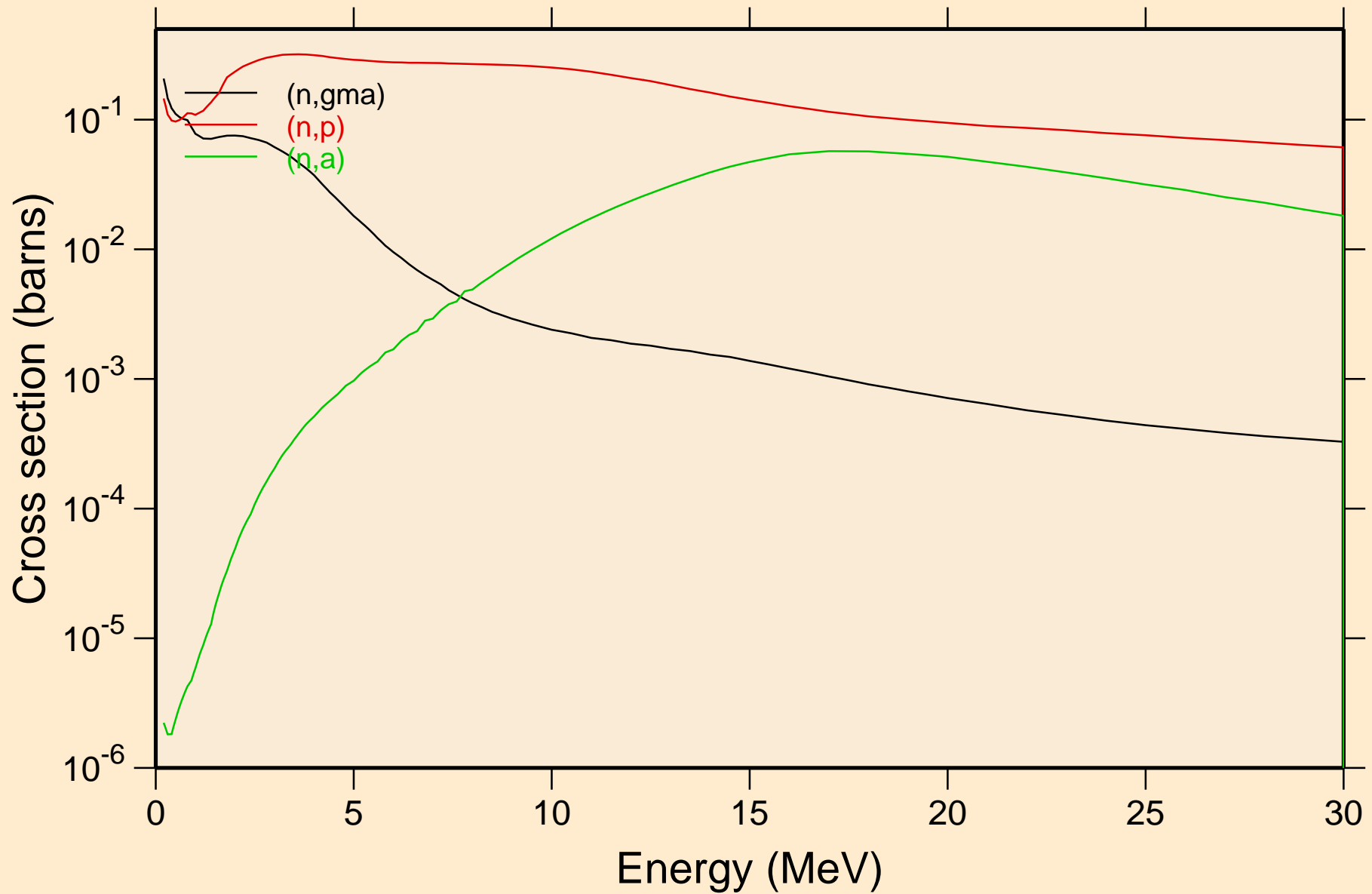
# NB090 NRG TENDL-2015, AKONING

## Principal cross sections



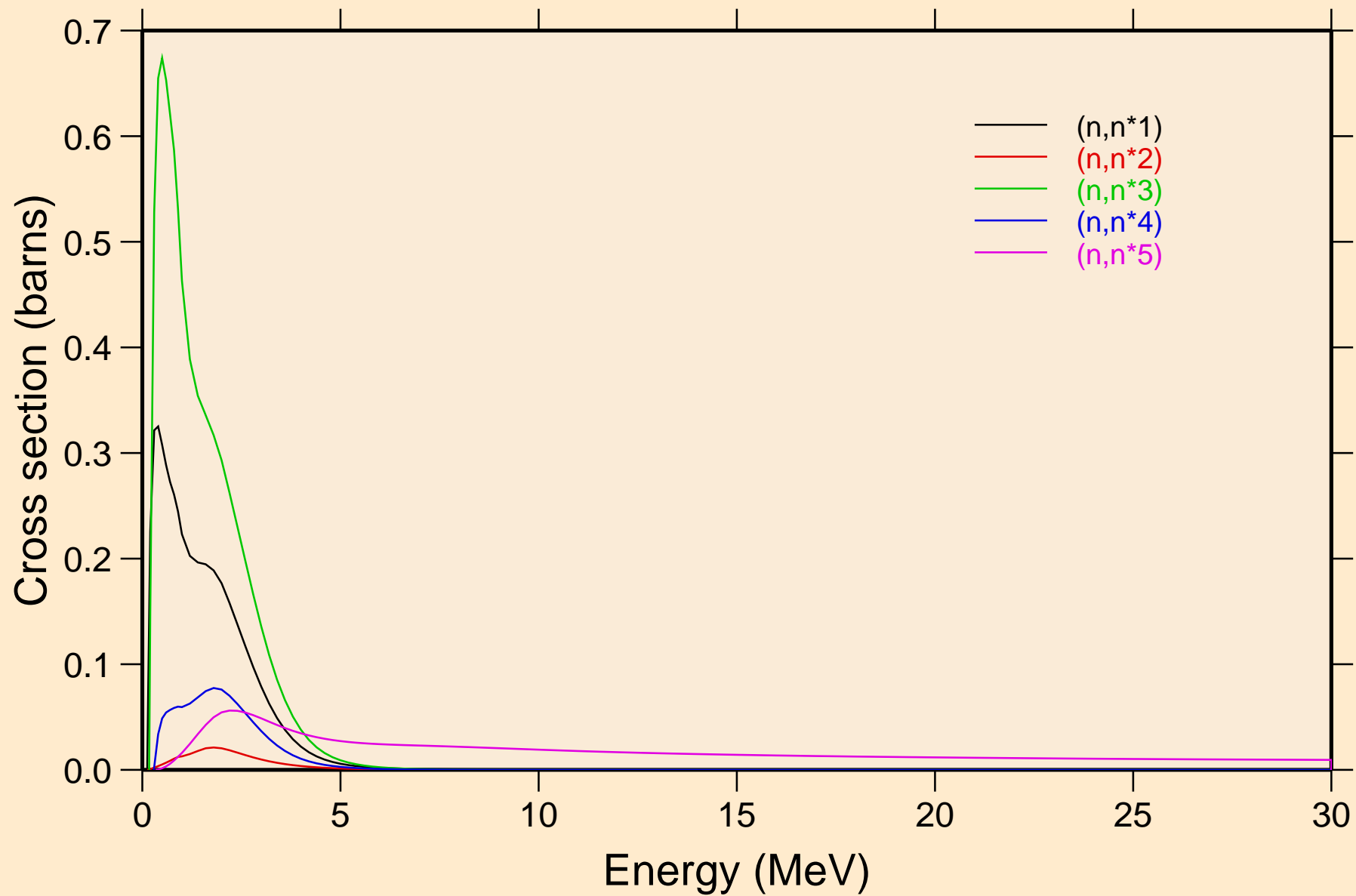
# NB090 NRG TENDL-2015, AKONING

## Non-threshold reactions



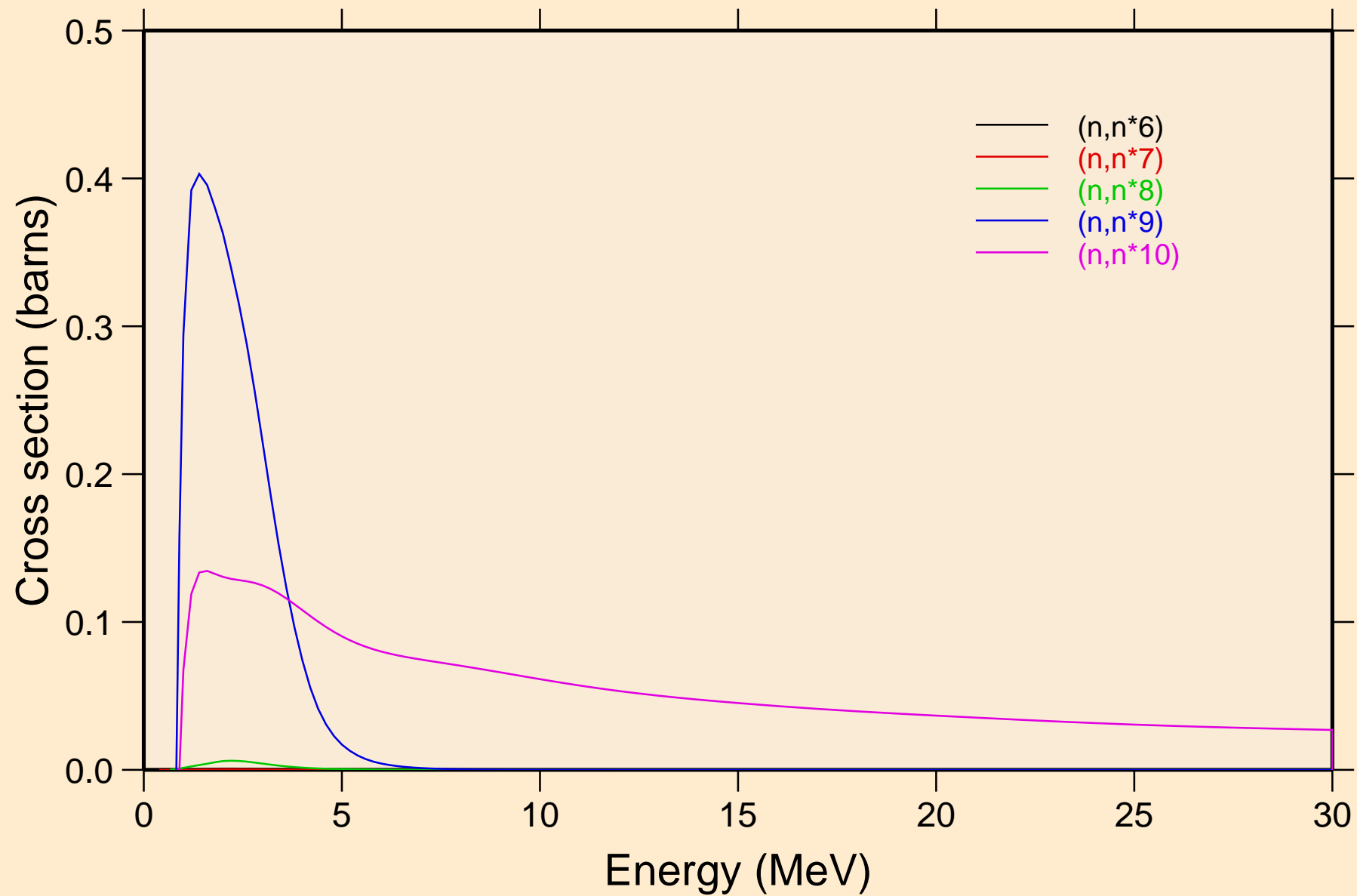
# NB090 NRG TENDL-2015, AKONING

## Inelastic levels



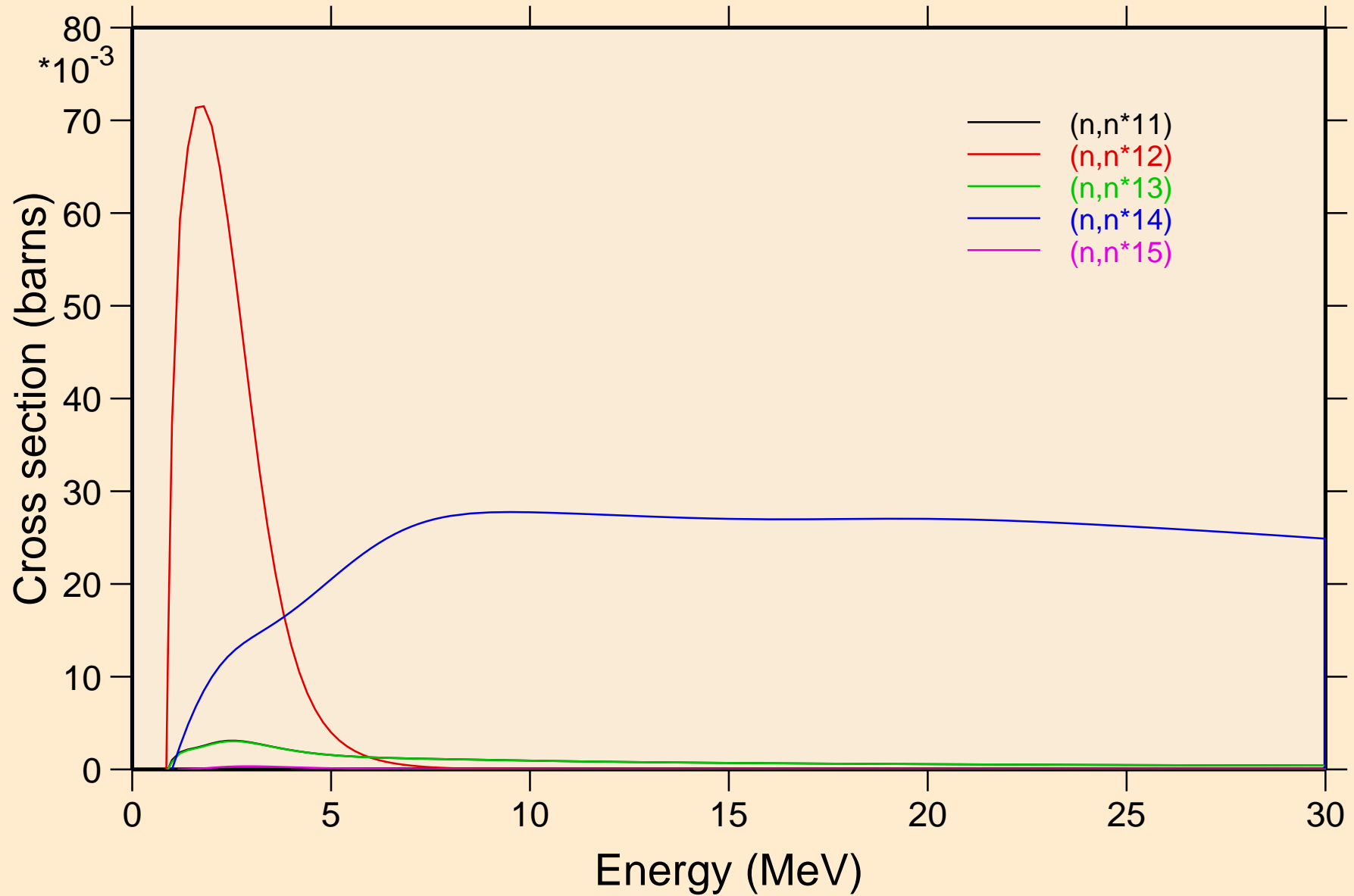
# NB090 NRG TENDL-2015, AKONING

## Inelastic levels



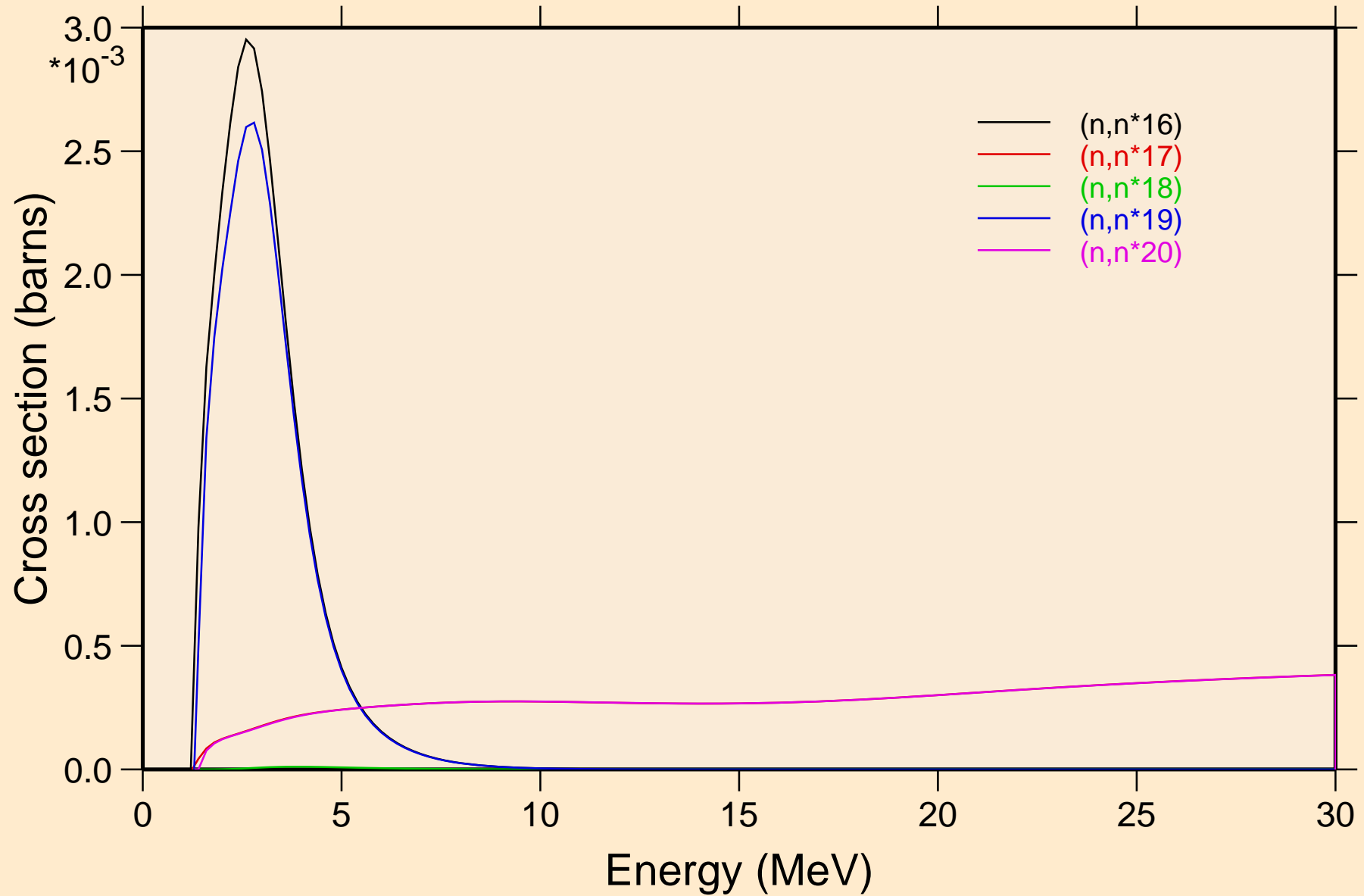
# NB090 NRG TENDL-2015, AKONING

## Inelastic levels



# NB090 NRG TENDL-2015, AKONING

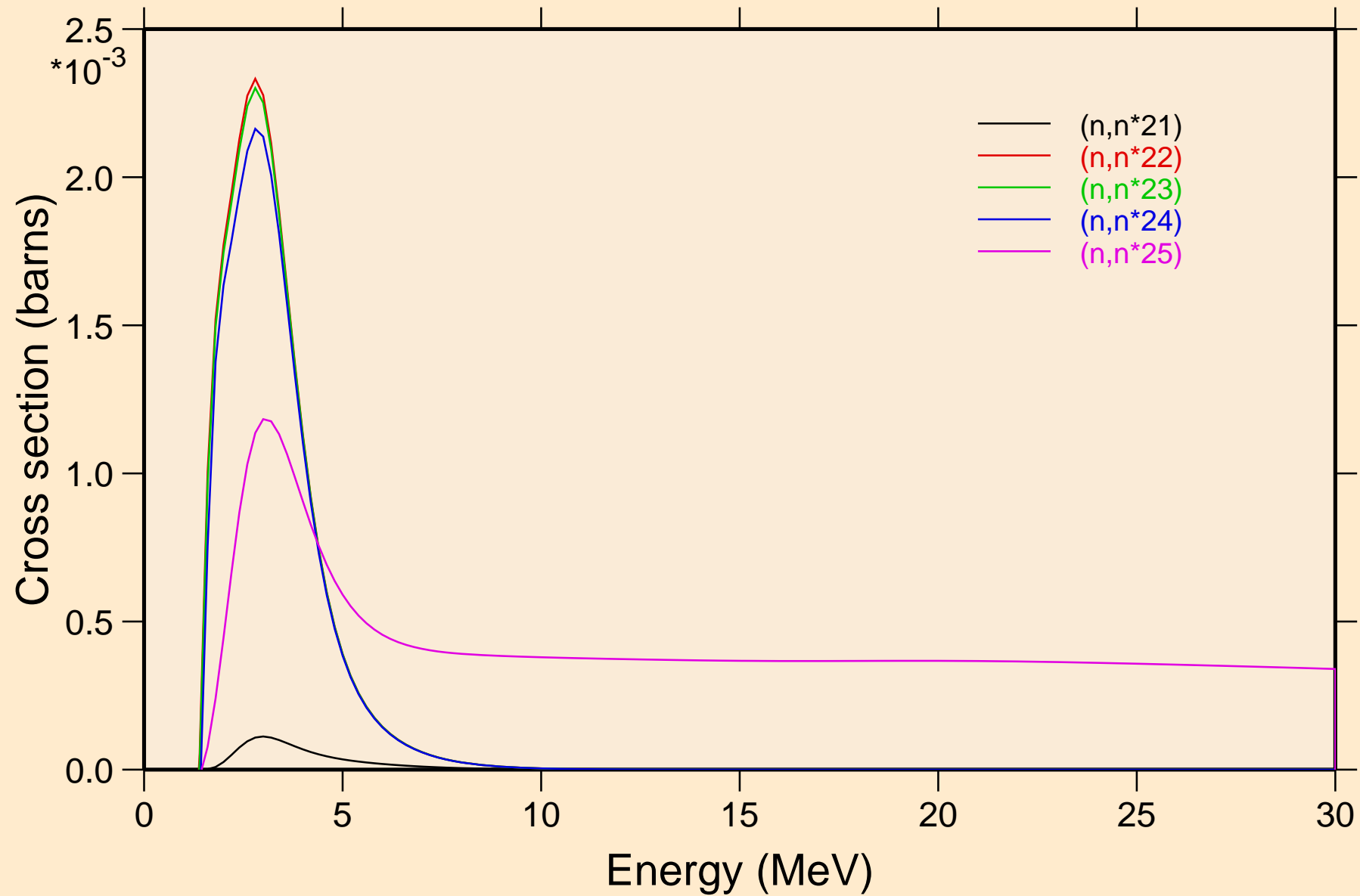
## Inelastic levels





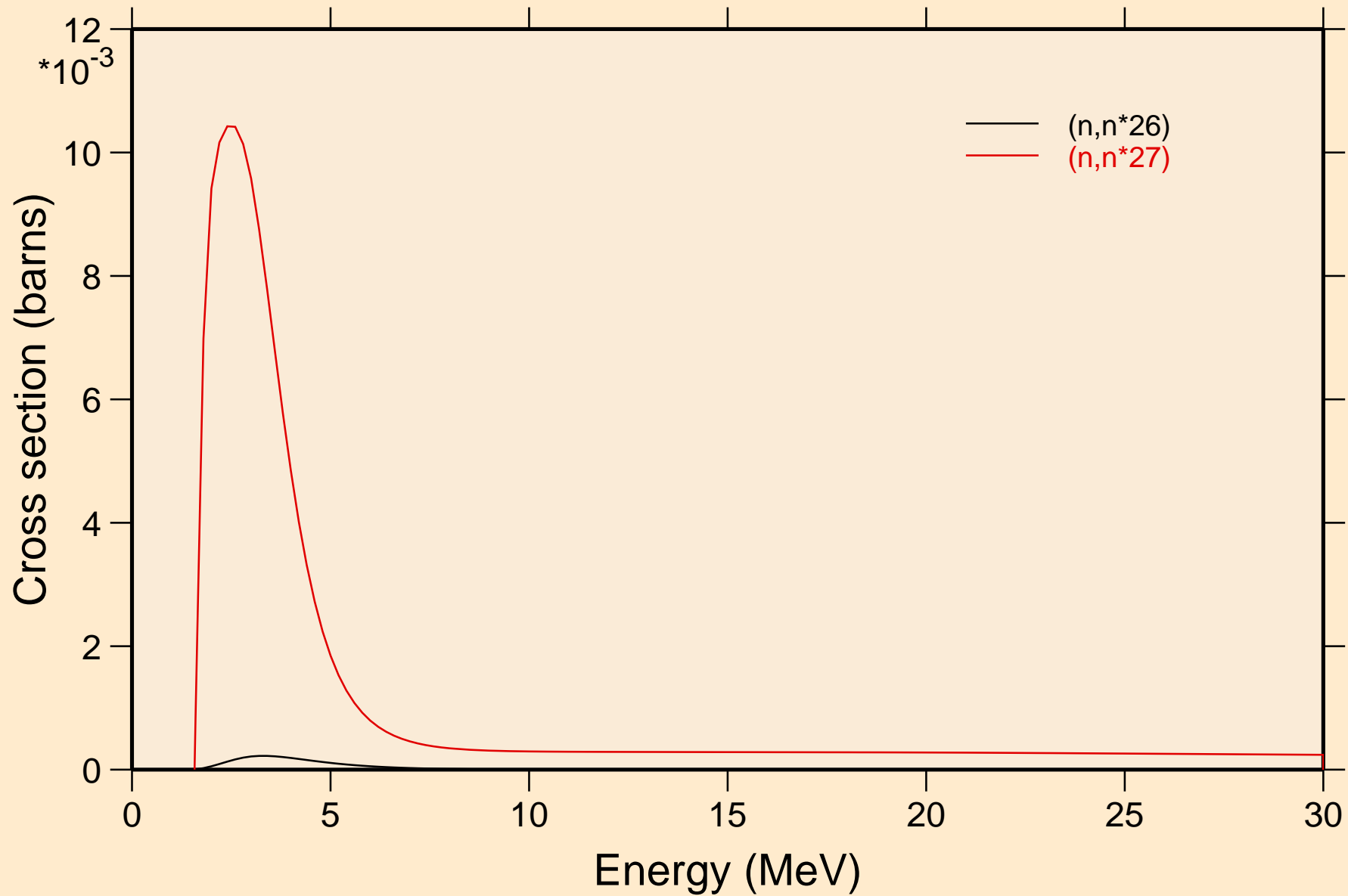
# NB090 NRG TENDL-2015, AKONING

## Inelastic levels



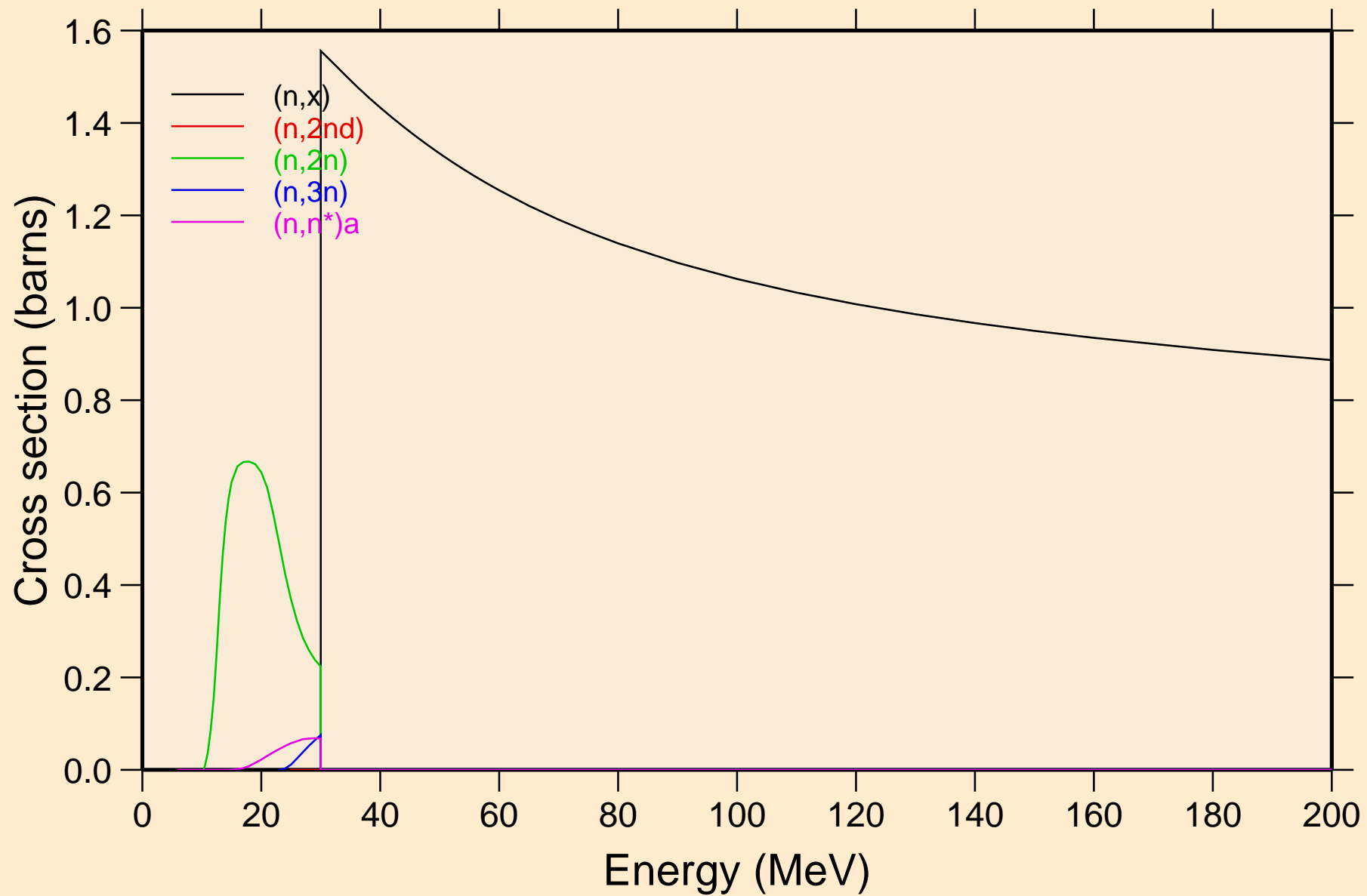
# NB090 NRG TENDL-2015, AKONING

## Inelastic levels



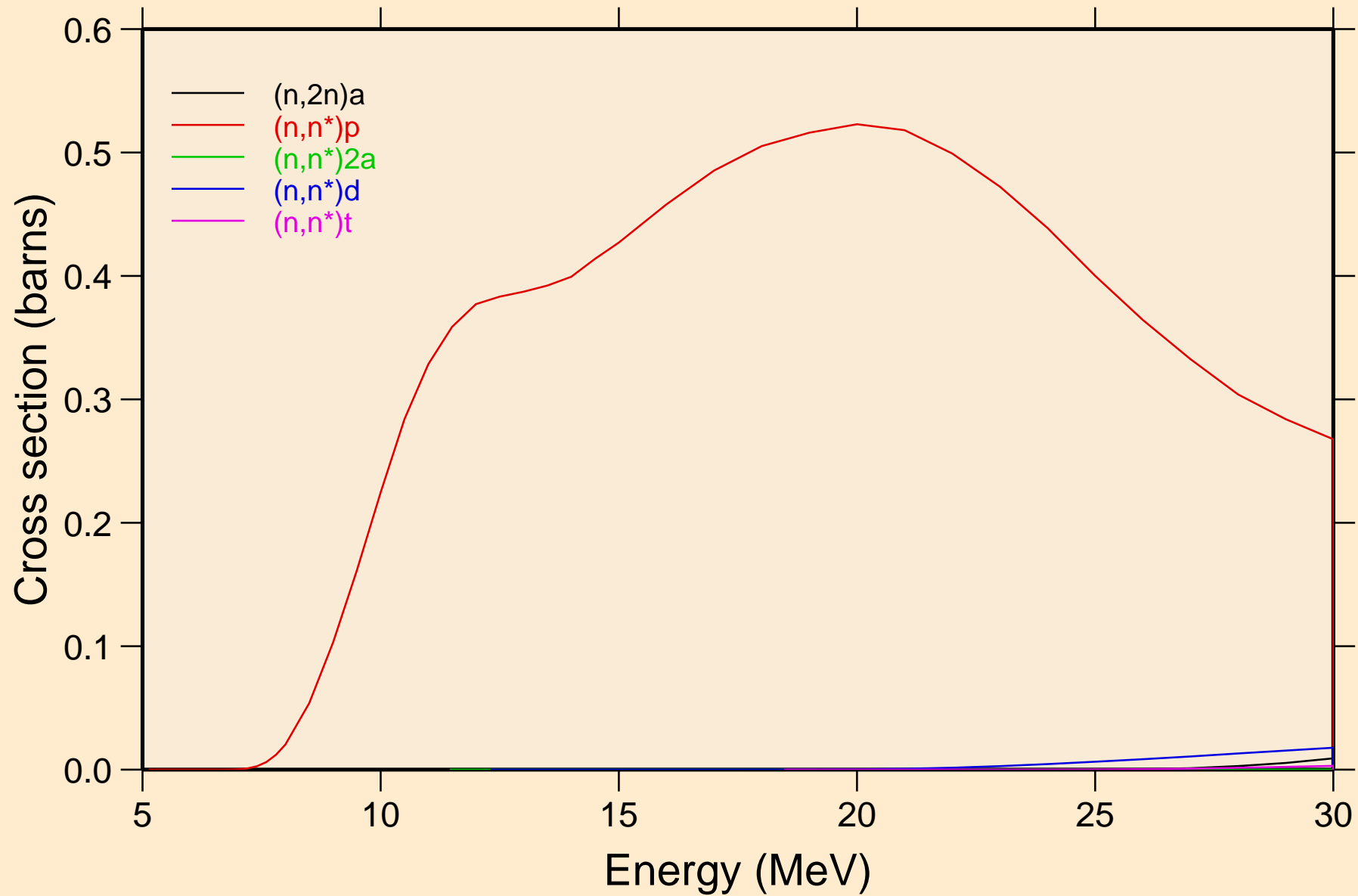
# NB090 NRG TENDL-2015, AKONING

## Threshold reactions



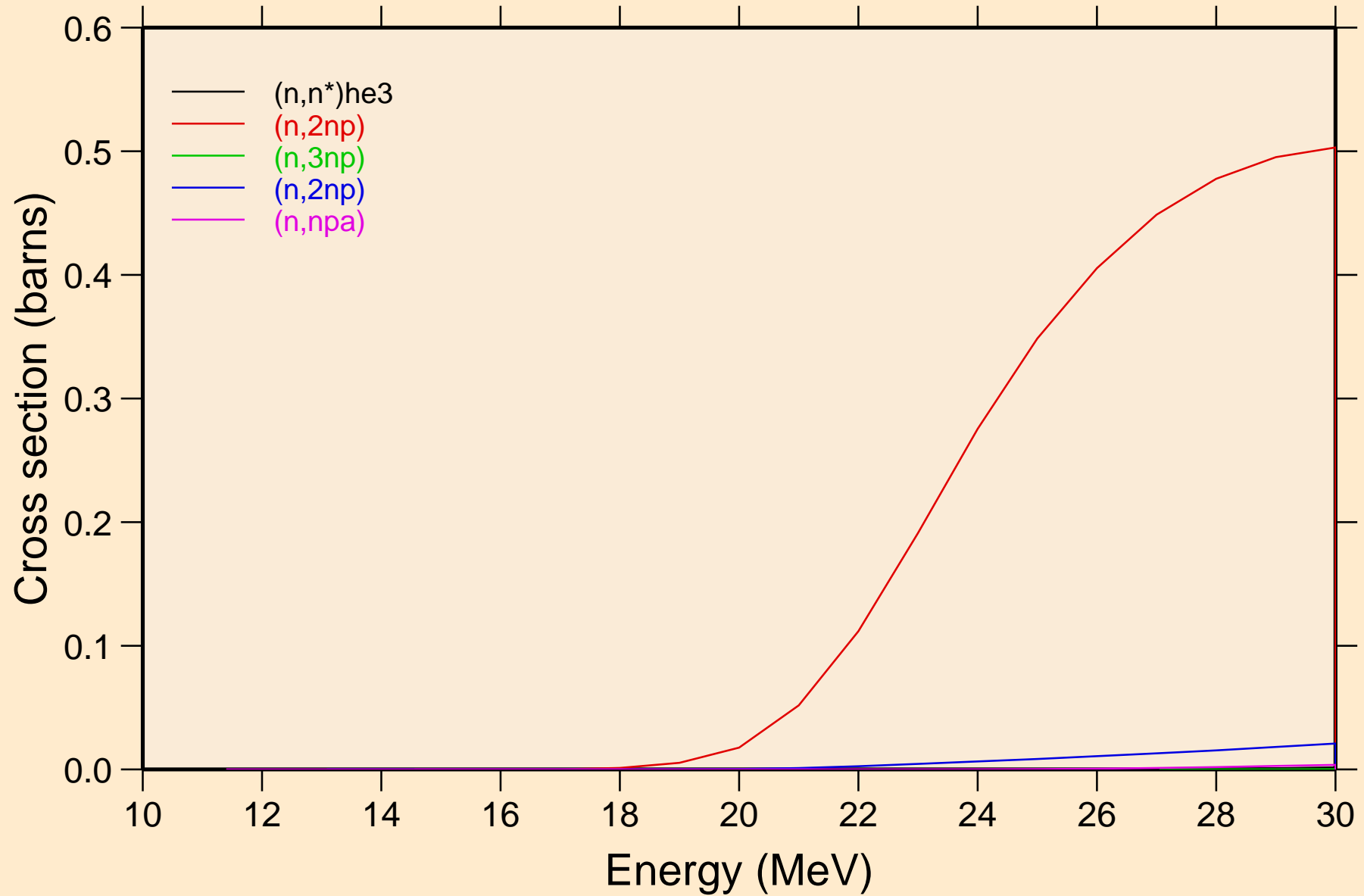
# NB090 NRG TENDL-2015, AKONING

## Threshold reactions



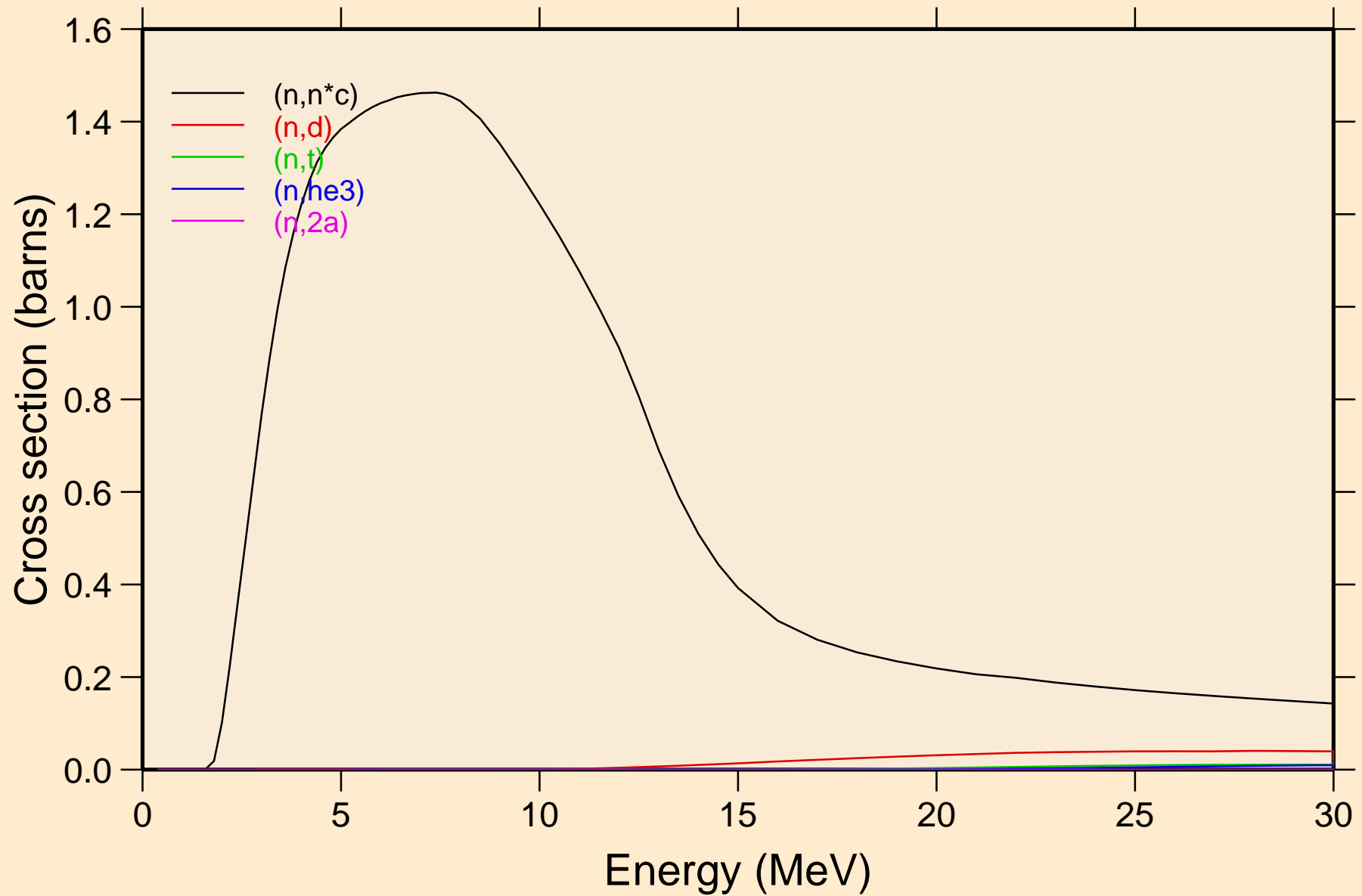
# NB090 NRG TENDL-2015, AKONING

## Threshold reactions



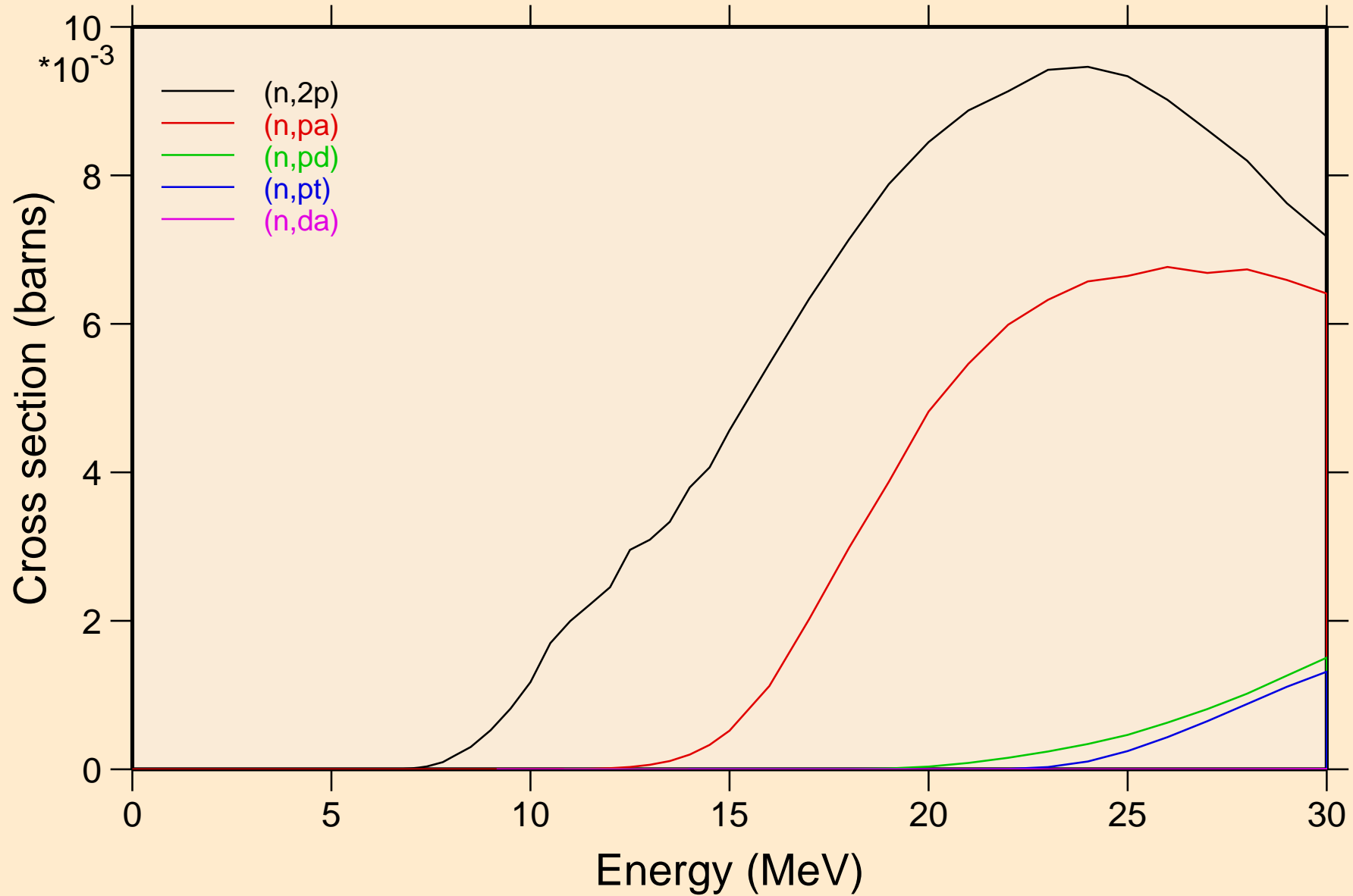
# NB090 NRG TENDL-2015, AKONING

## Threshold reactions

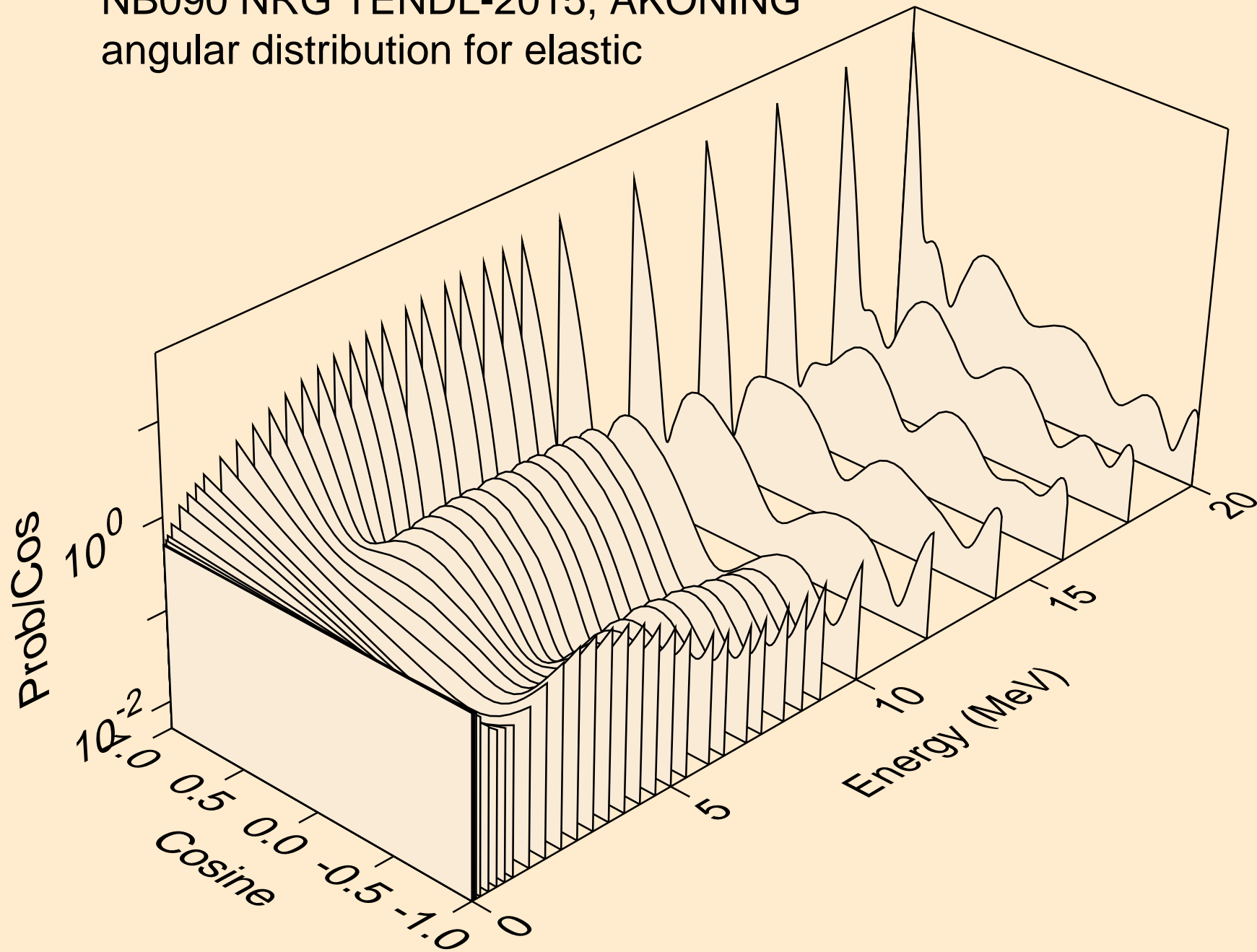


# NB090 NRG TENDL-2015, AKONING

## Threshold reactions

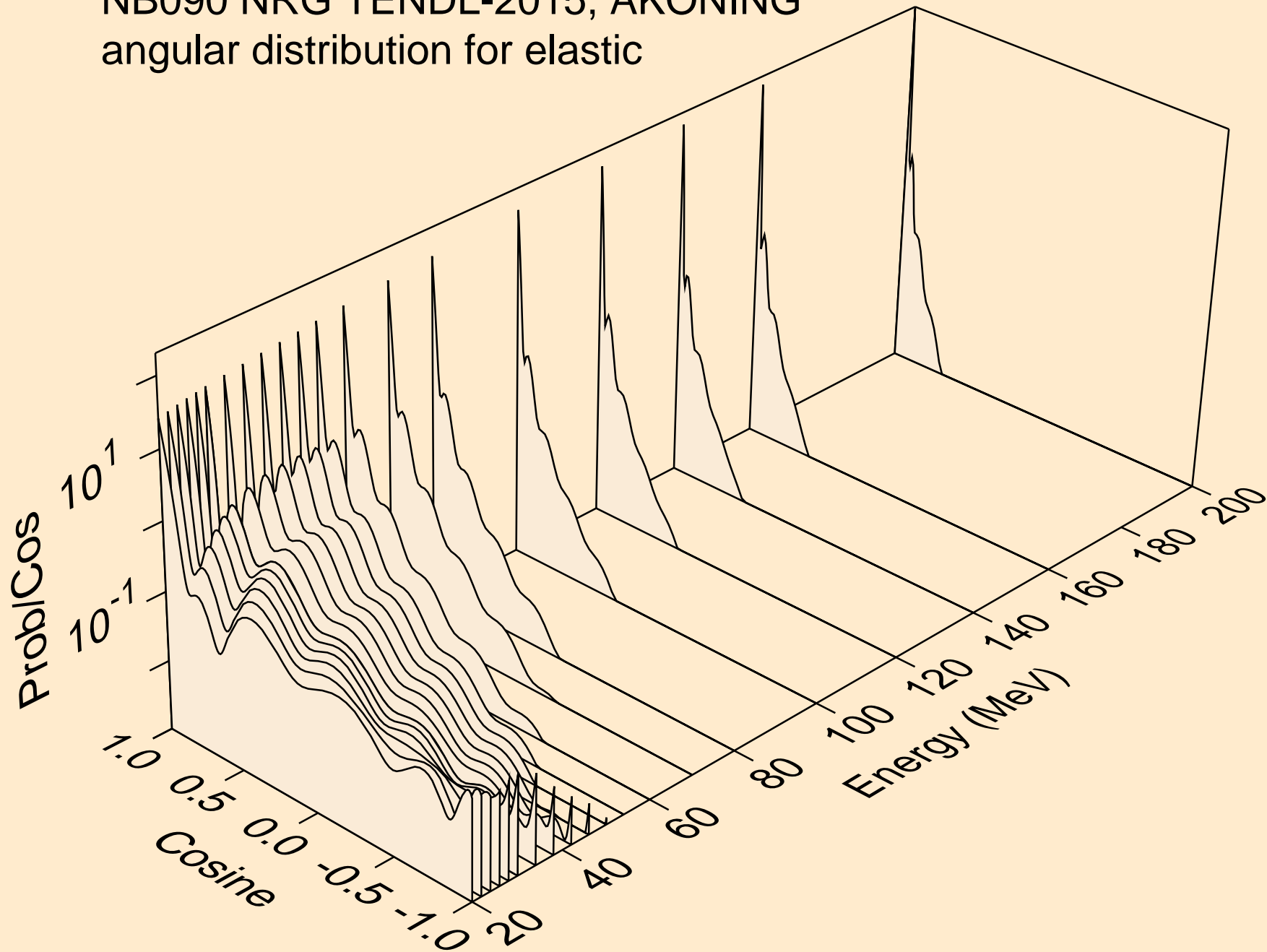


NB090 NRG TENDL-2015, AKONING  
angular distribution for elastic

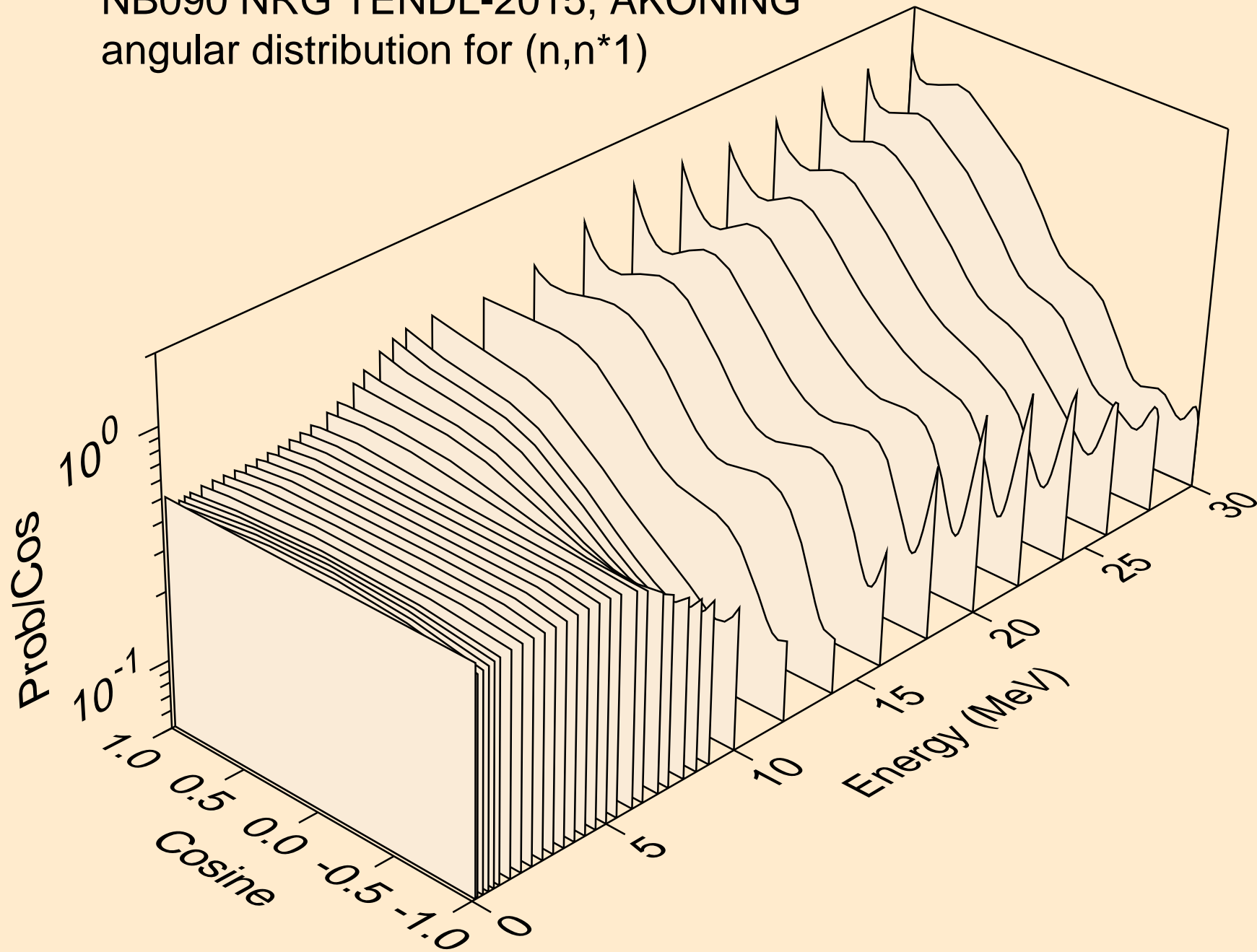




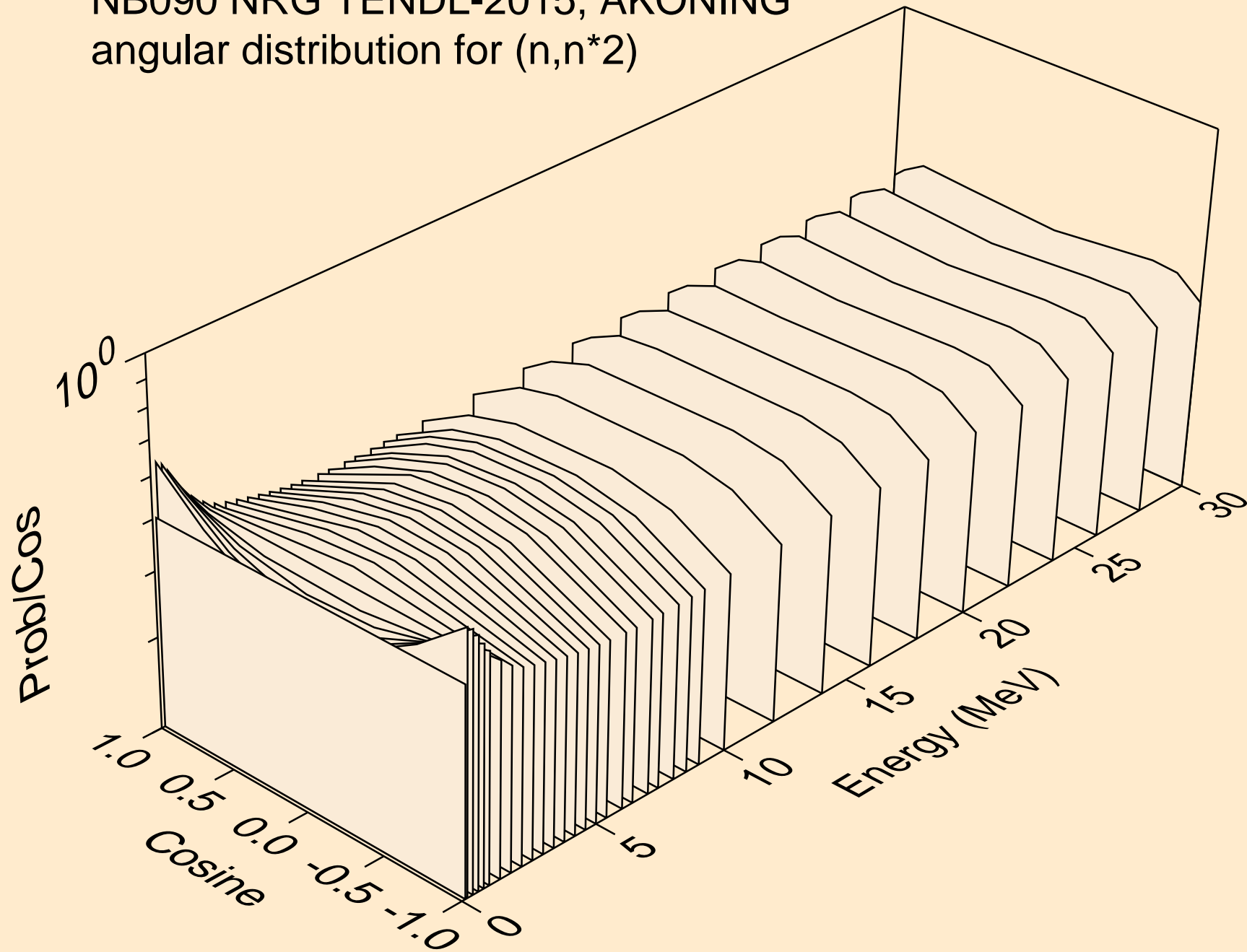
NB090 NRG TENDL-2015, AKONING  
angular distribution for elastic



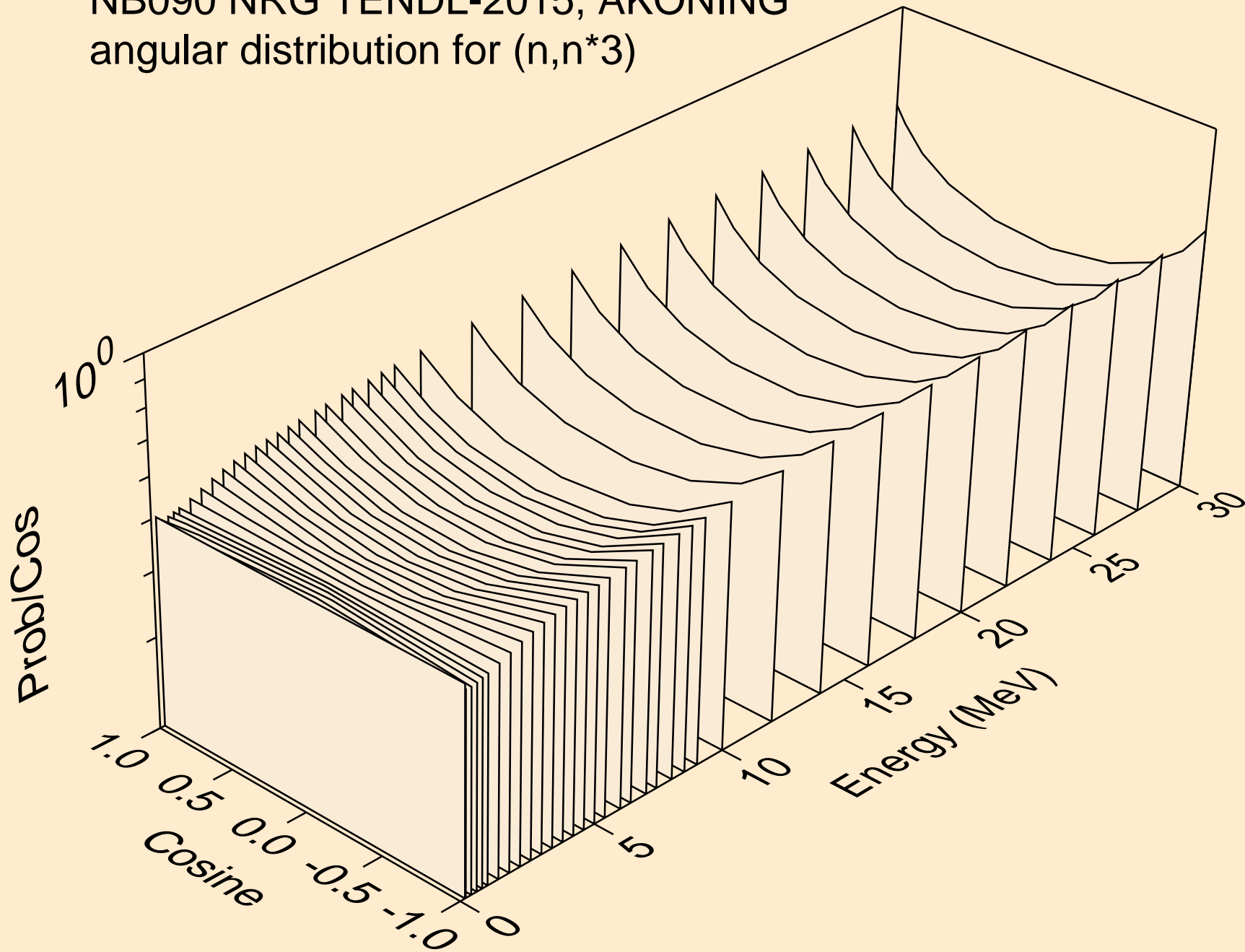
NB090 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



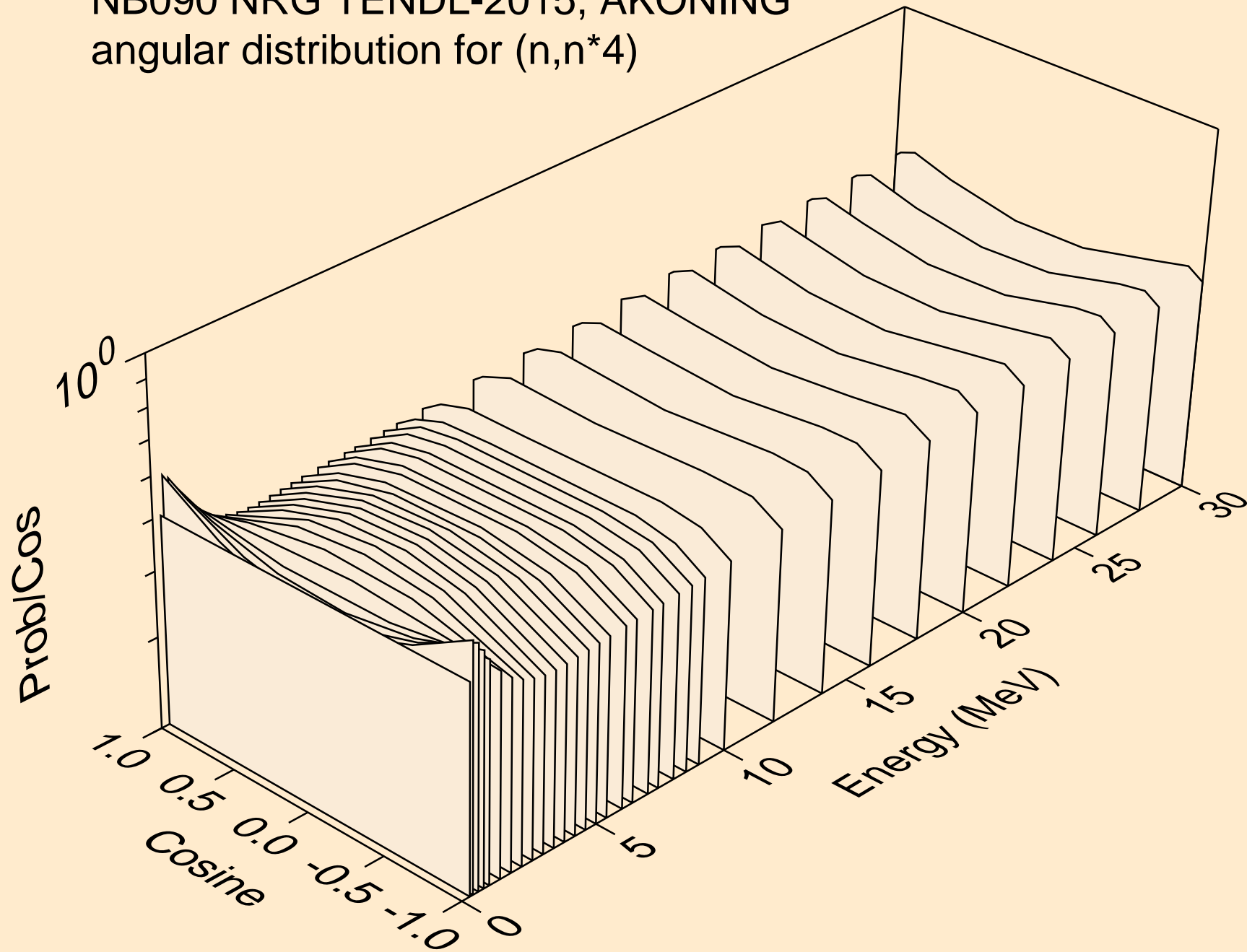
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angular distribution for (n,n\*2)



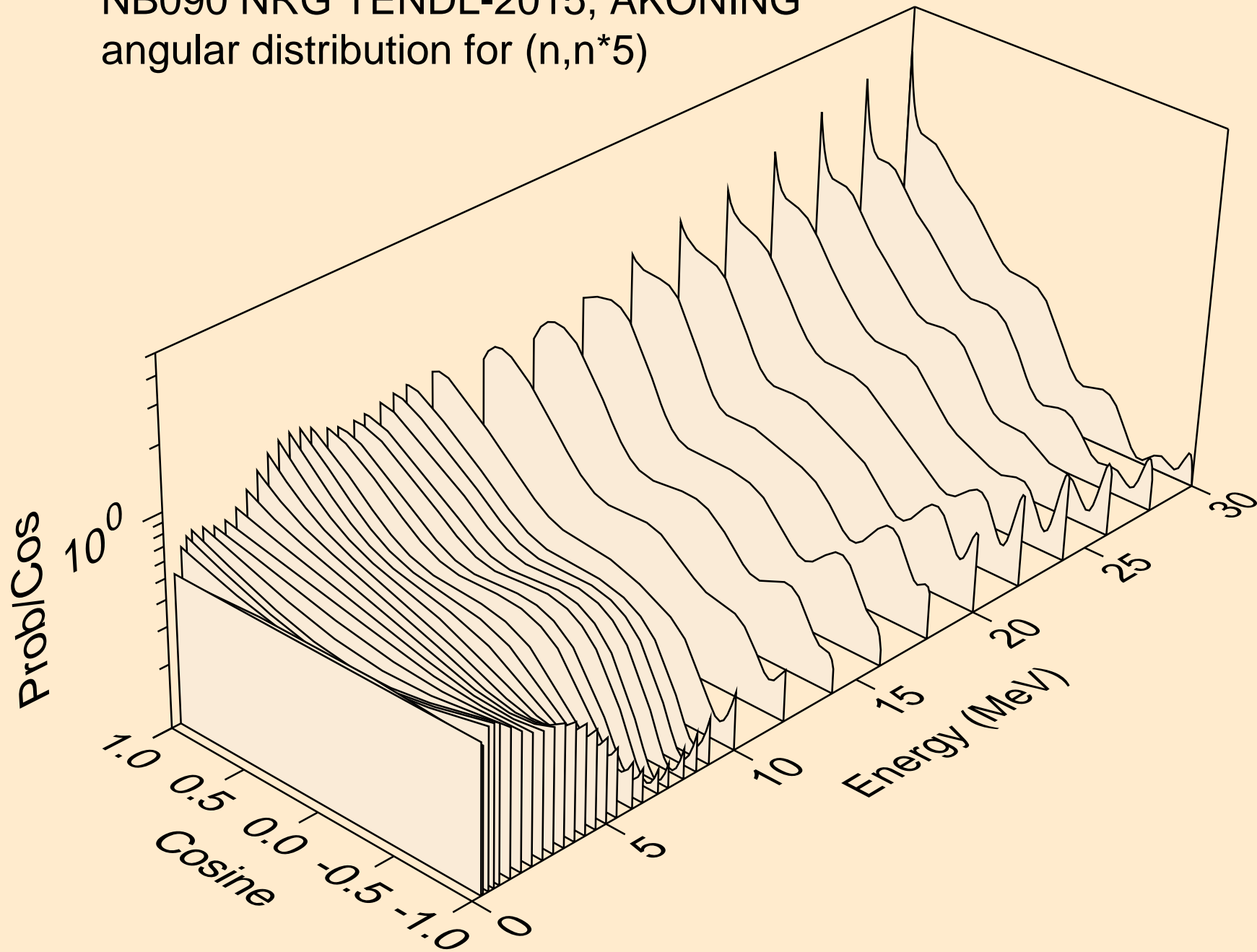
NB090 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



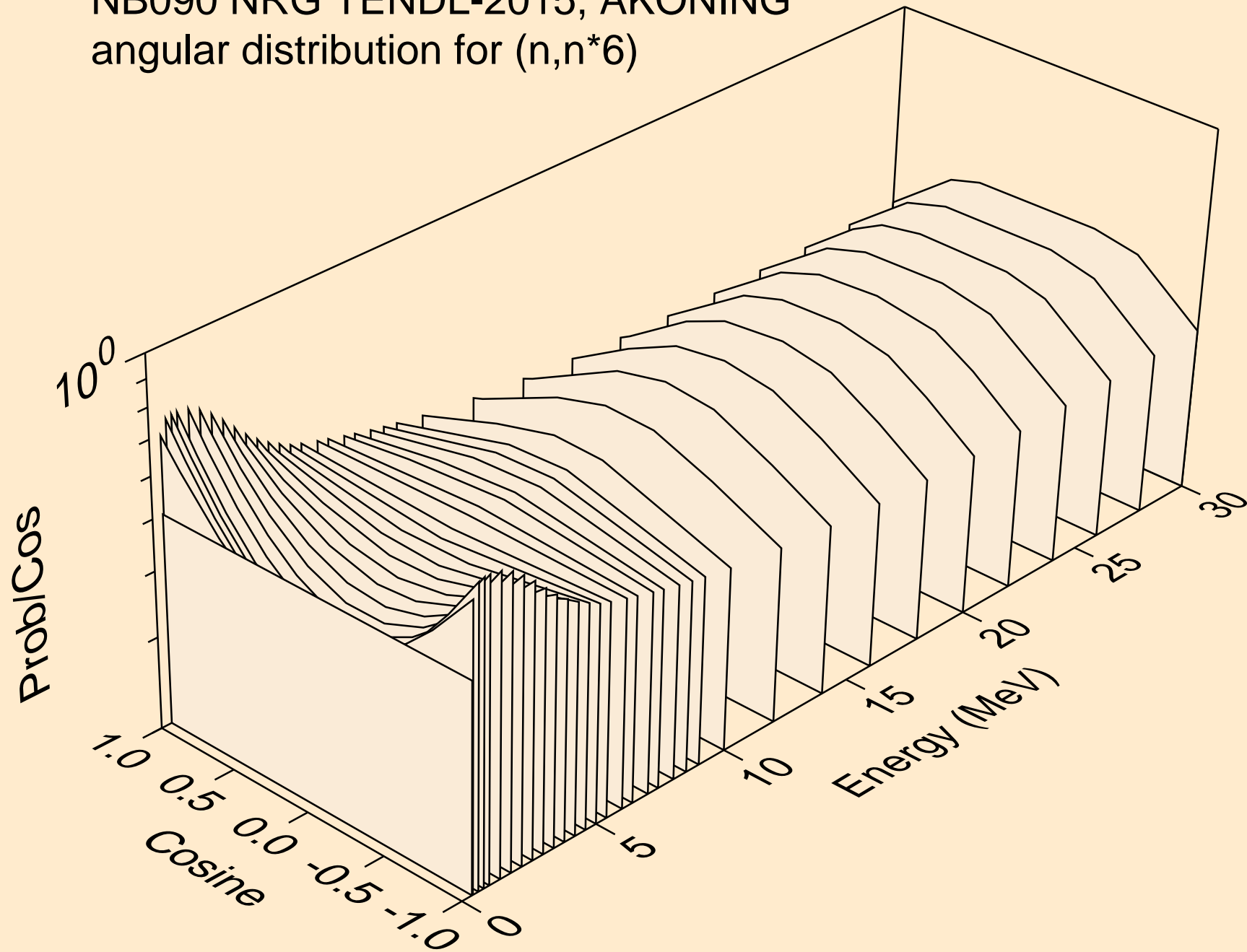
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angular distribution for (n,n\*4)



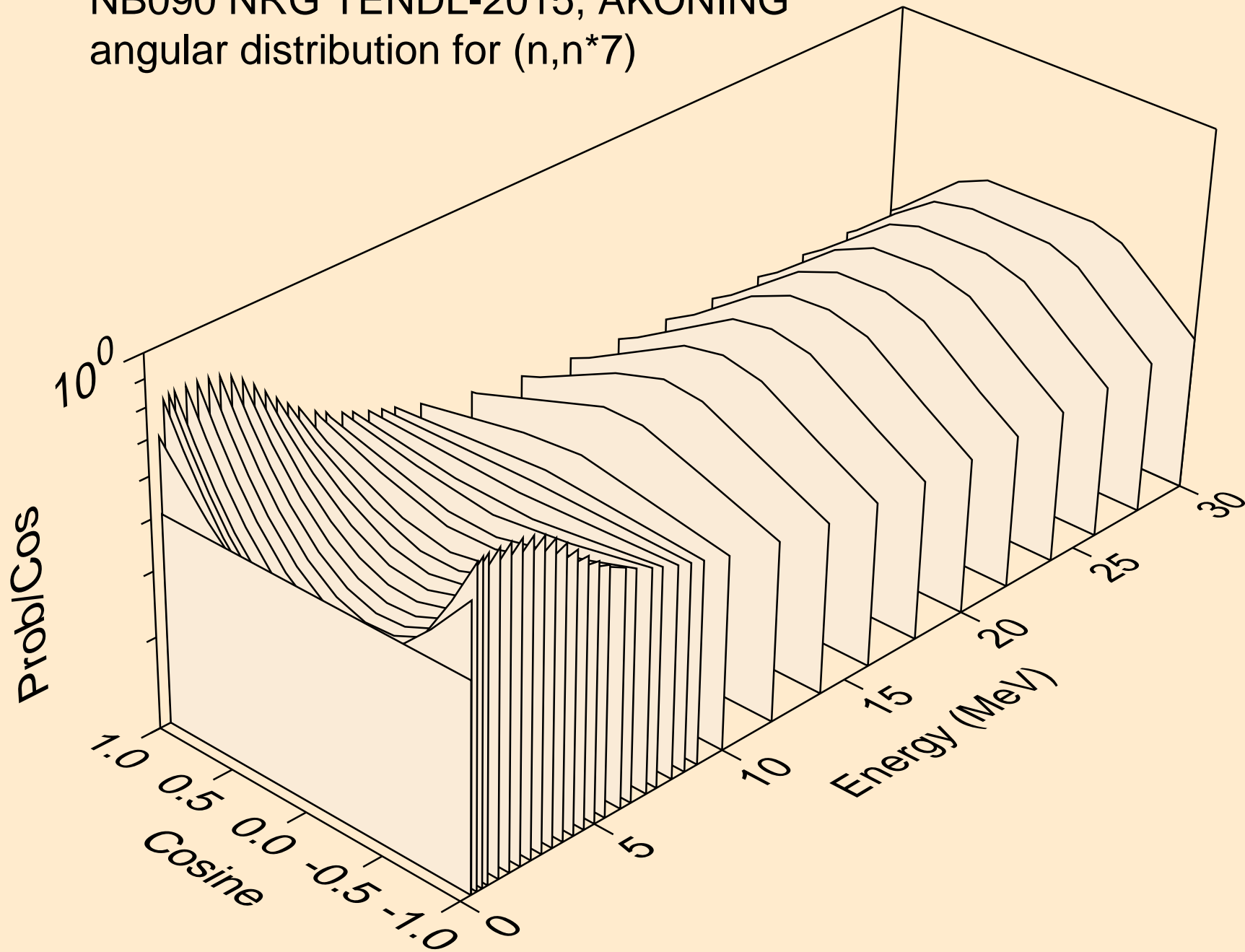
NB090 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



NB090 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

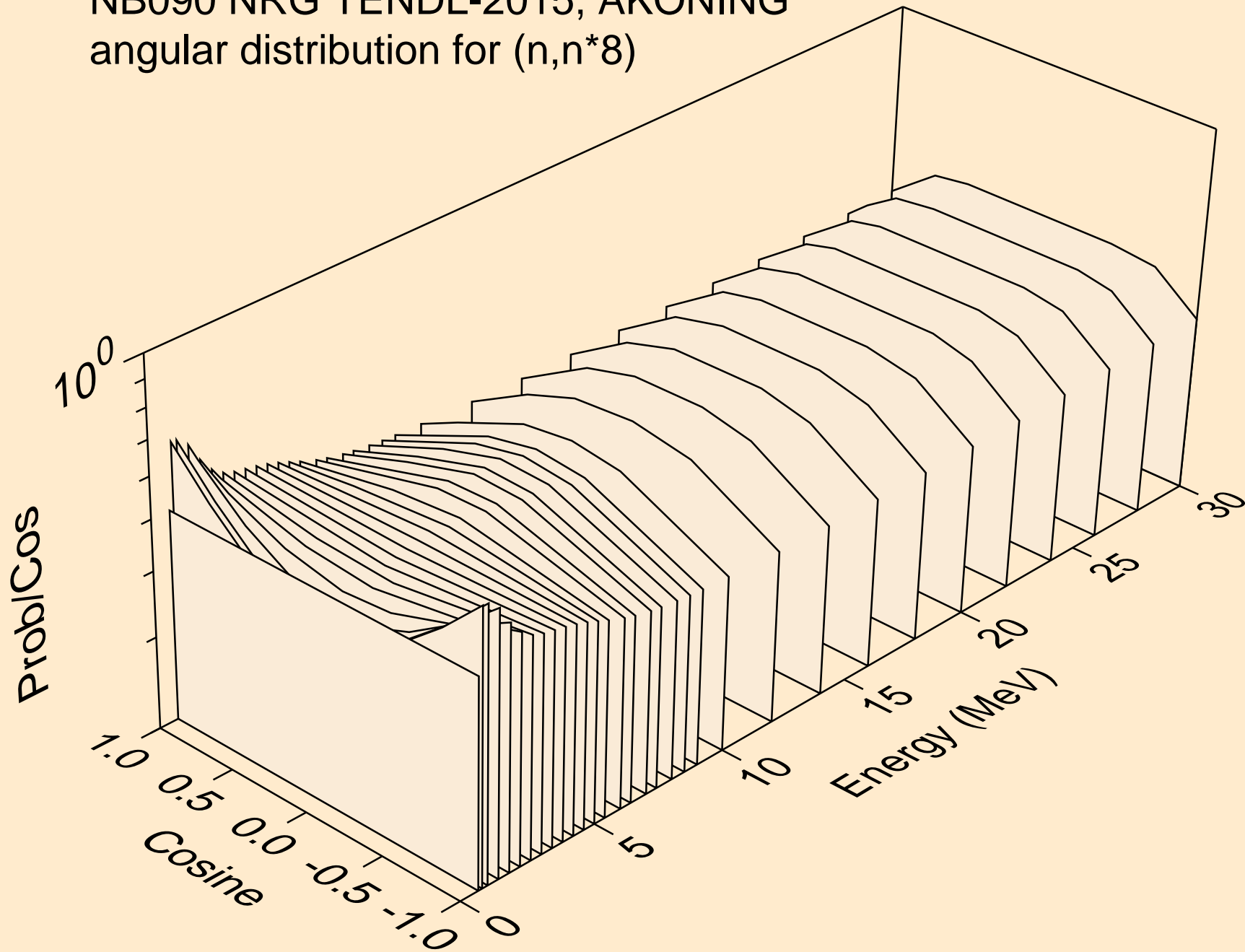


NB090 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

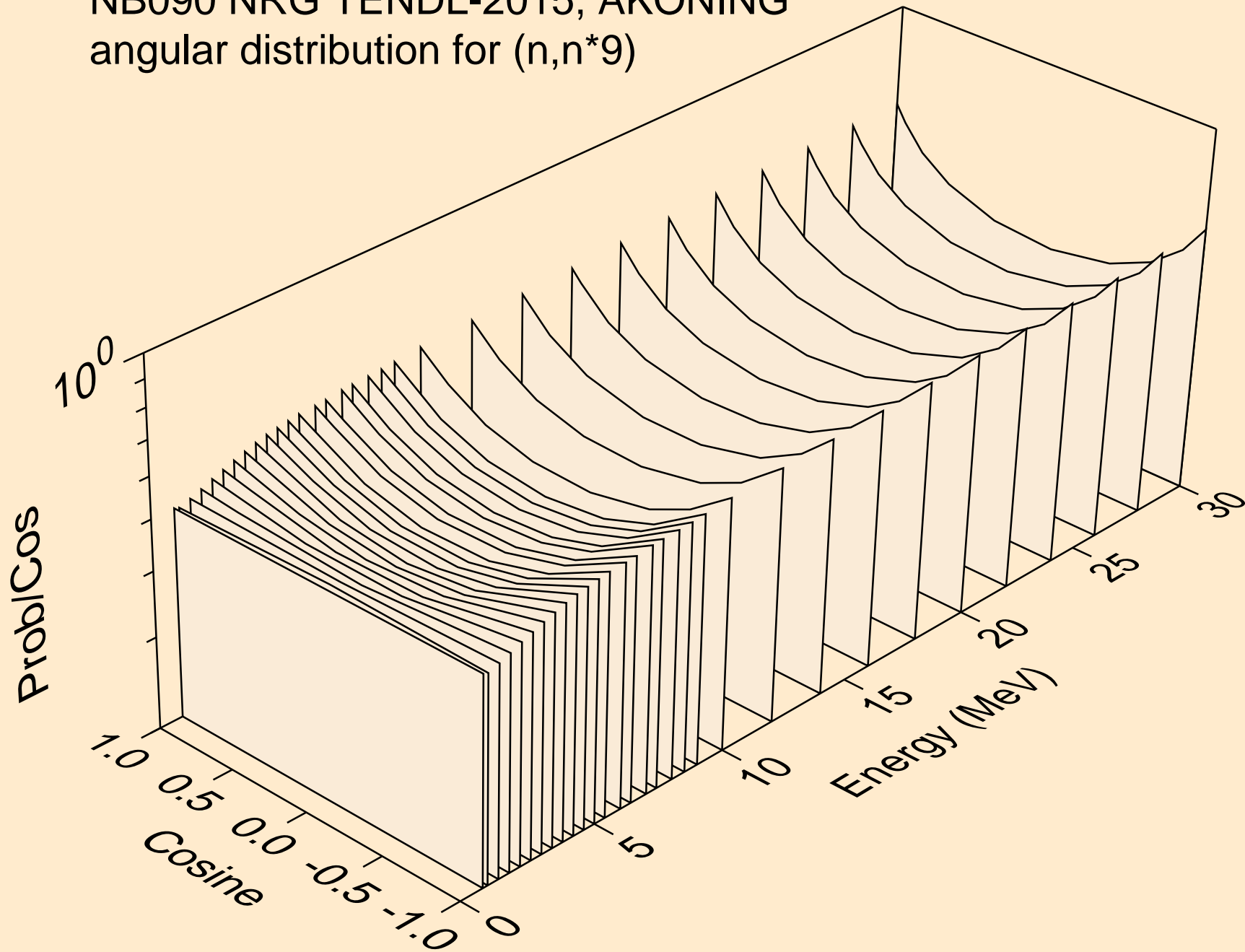




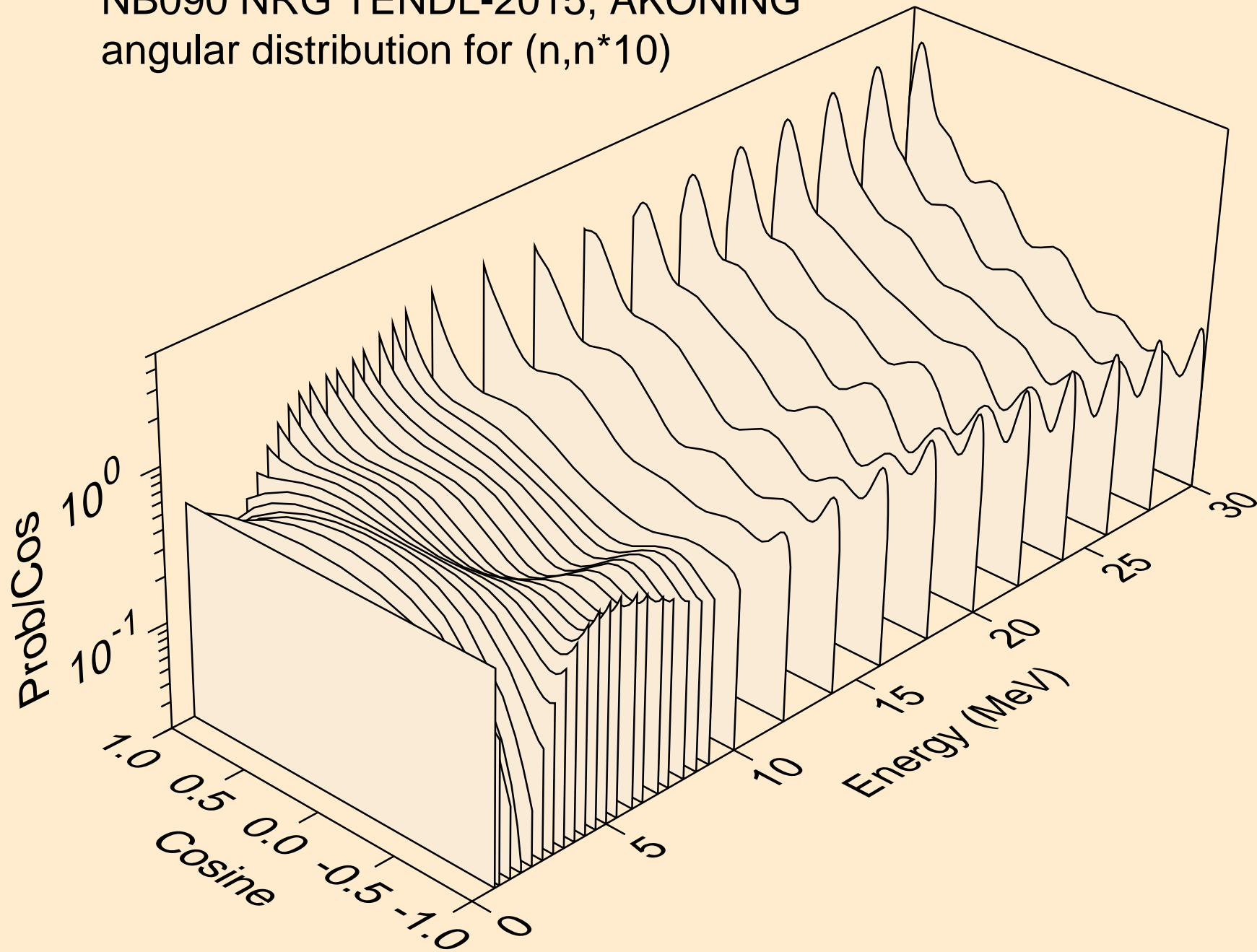
NB090 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



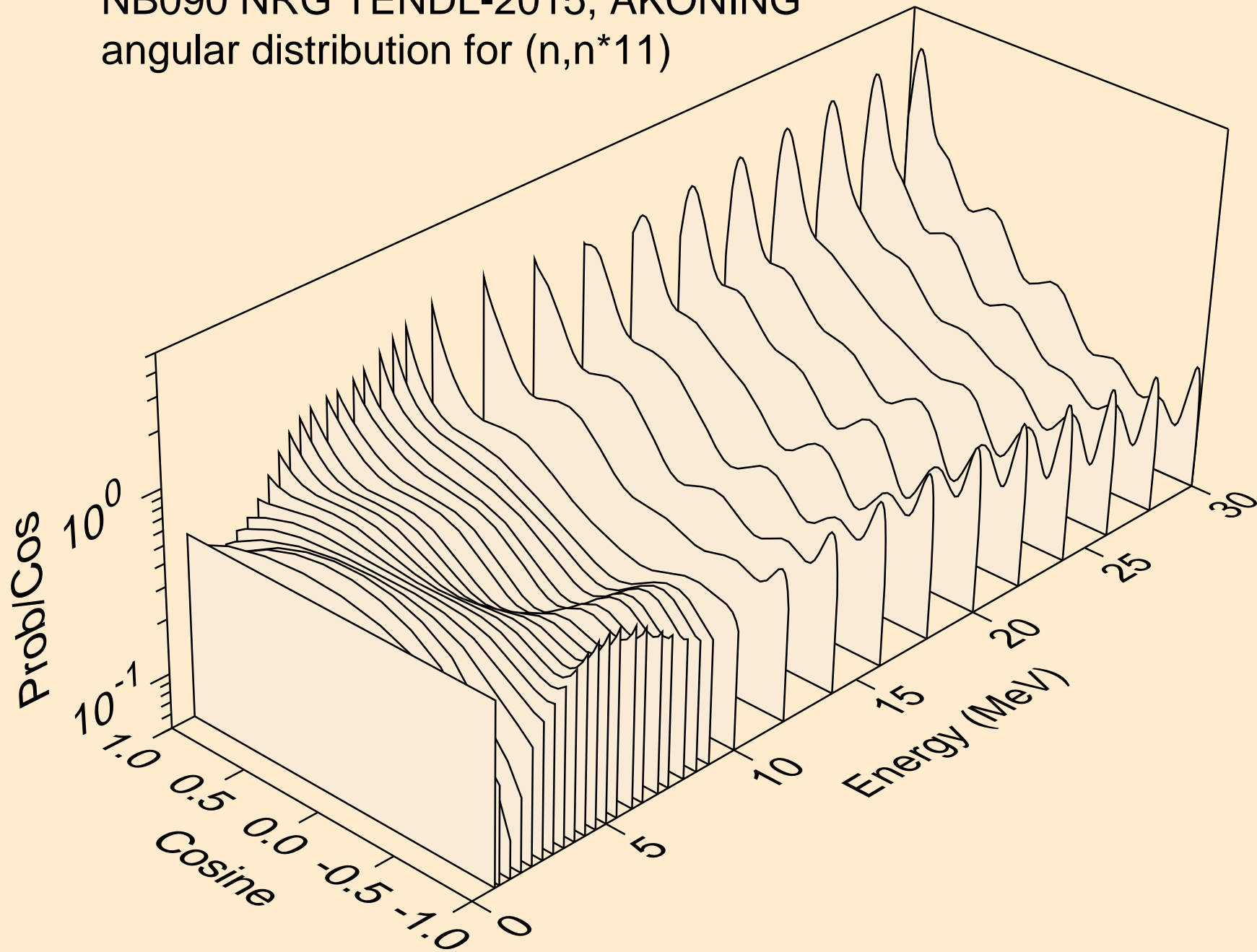
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angular distribution for (n,n\*9)



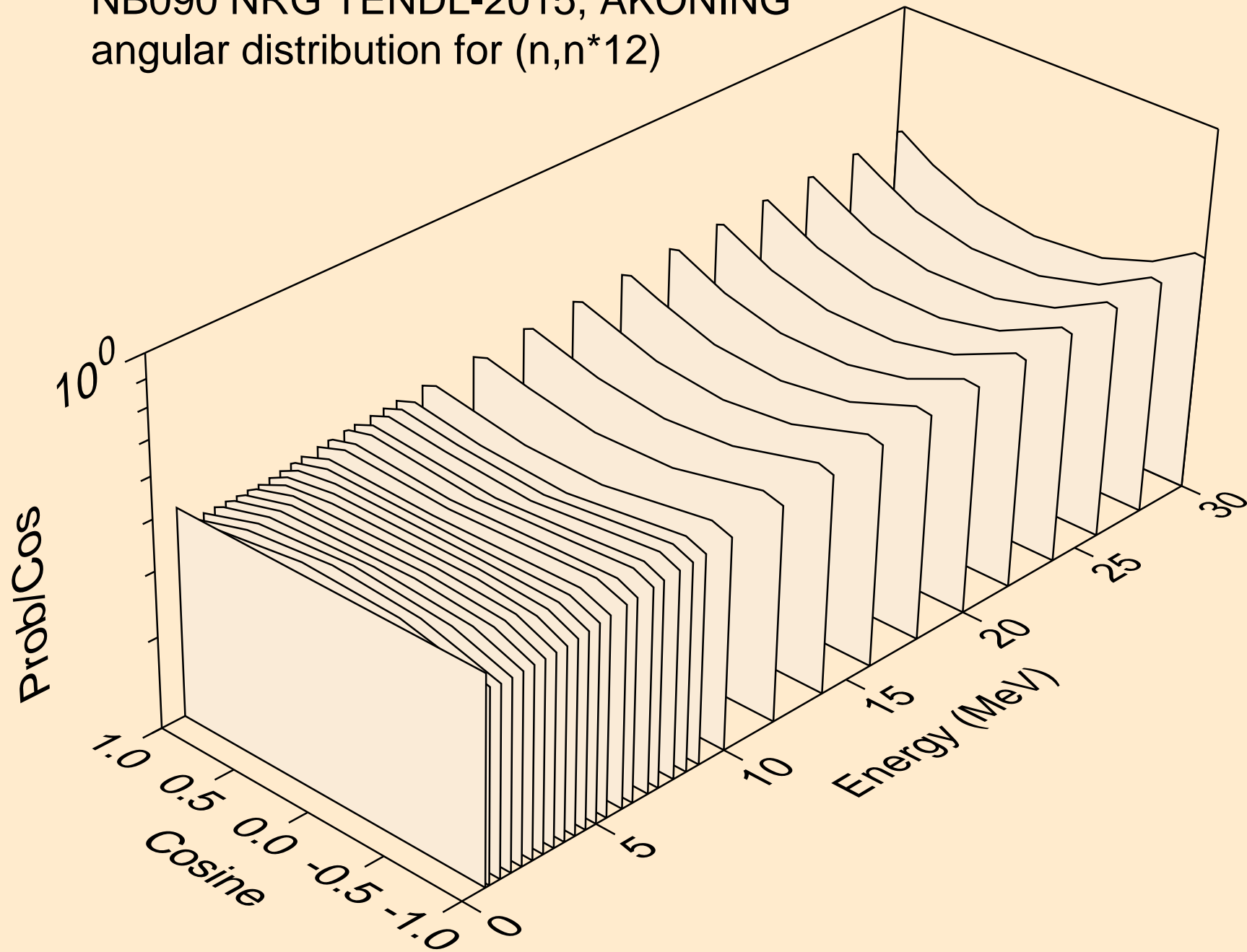
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angular distribution for (n,n\*10)



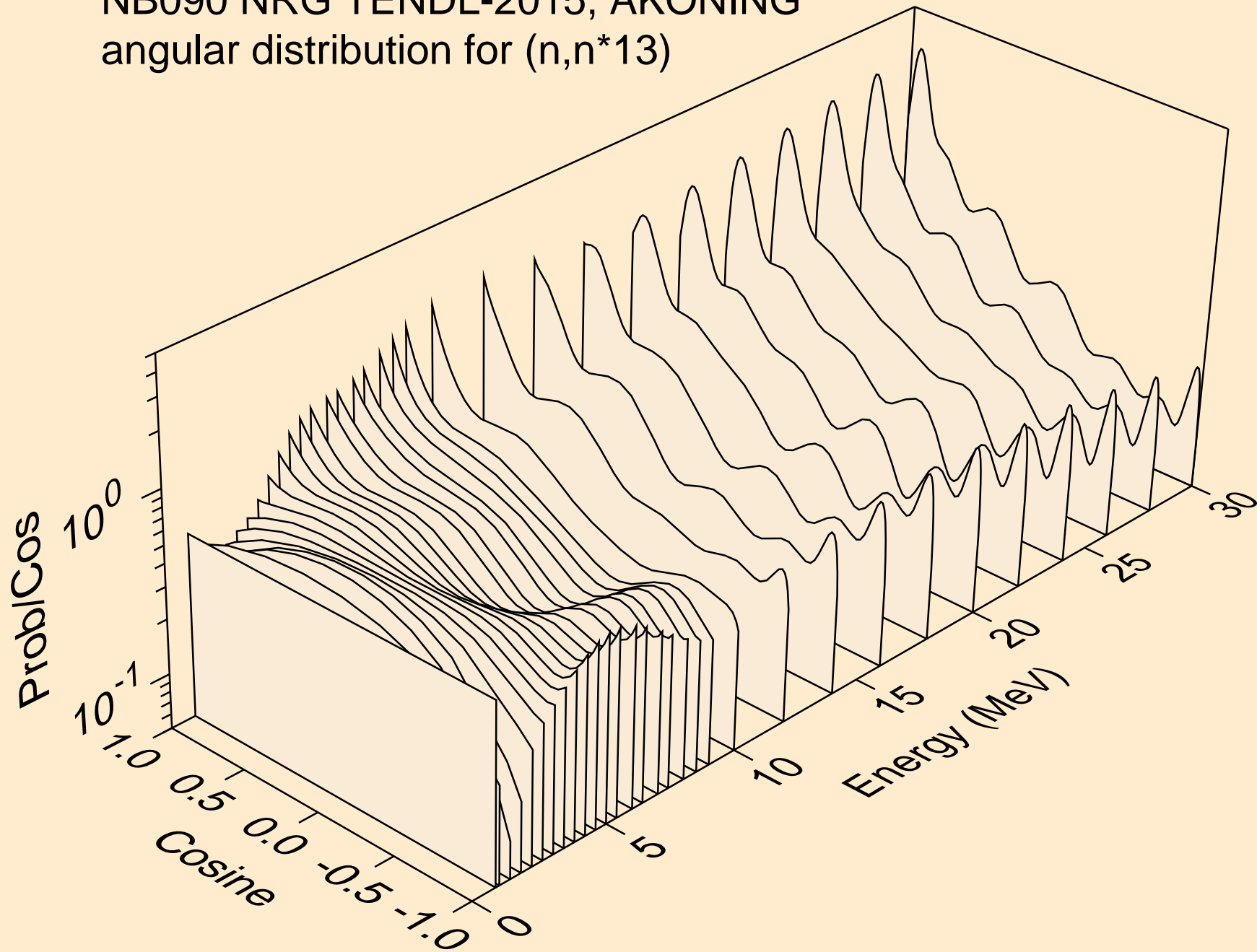
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angular distribution for (n,n\*11)



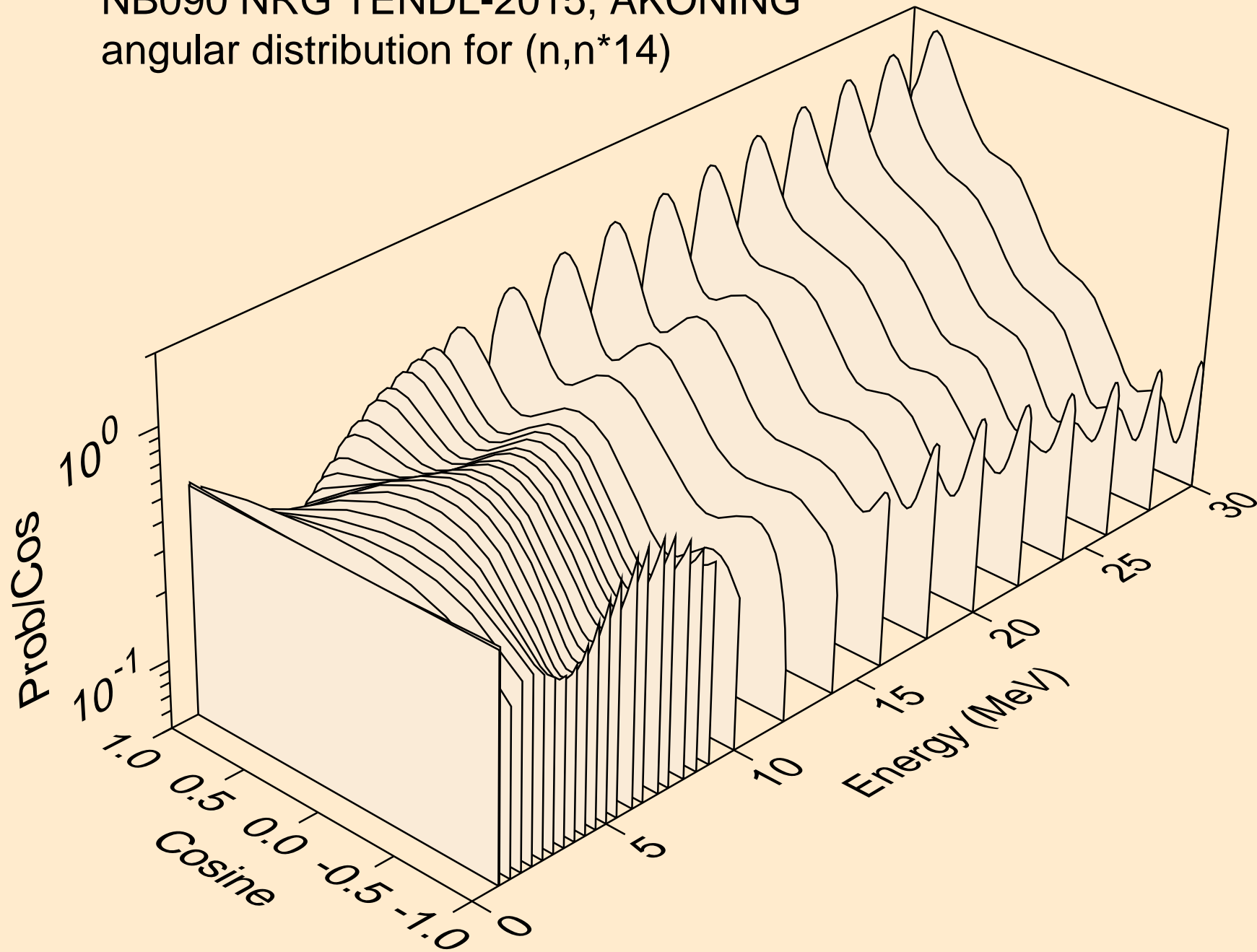
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angular distribution for (n,n\*12)



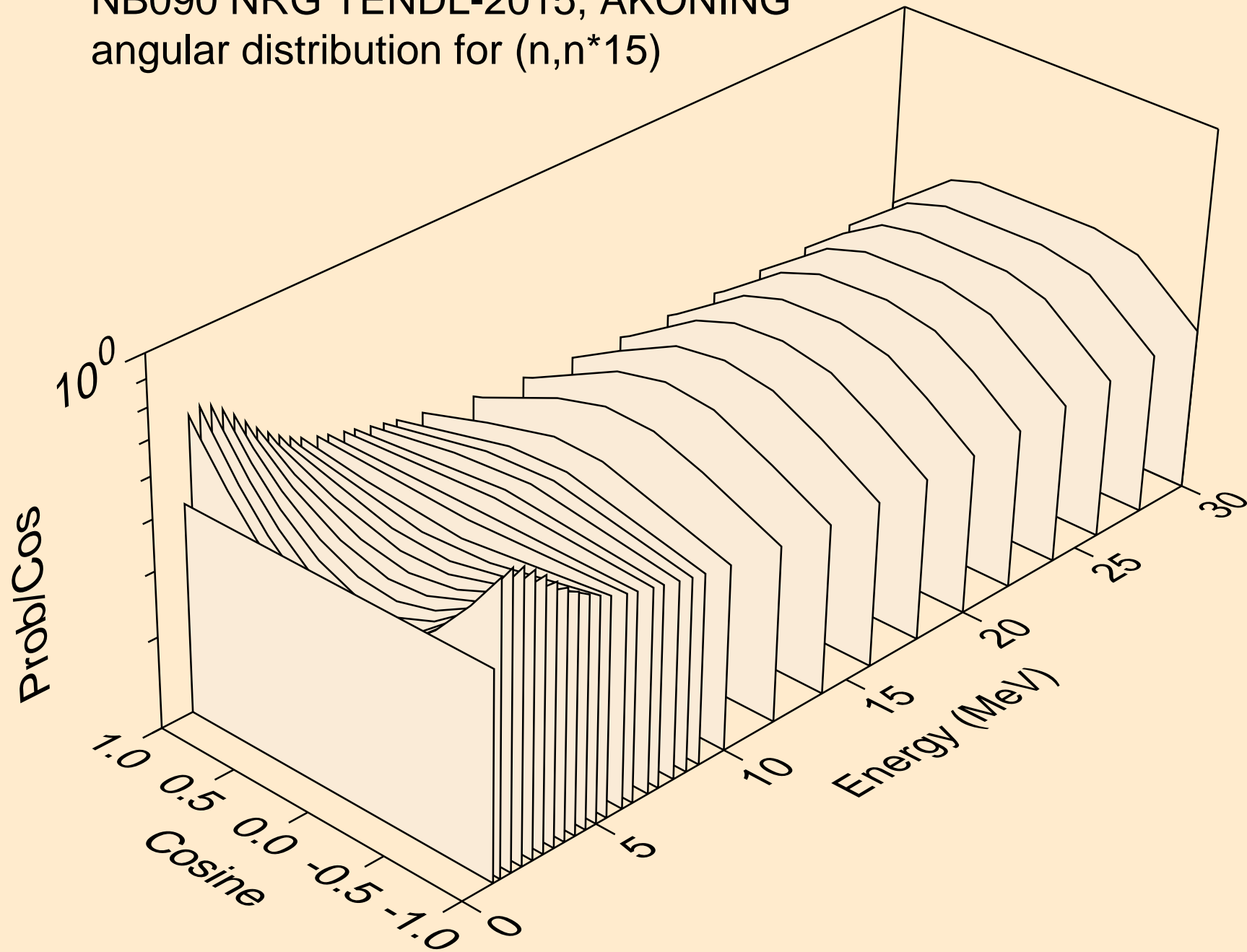
NB090 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



NB090 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)

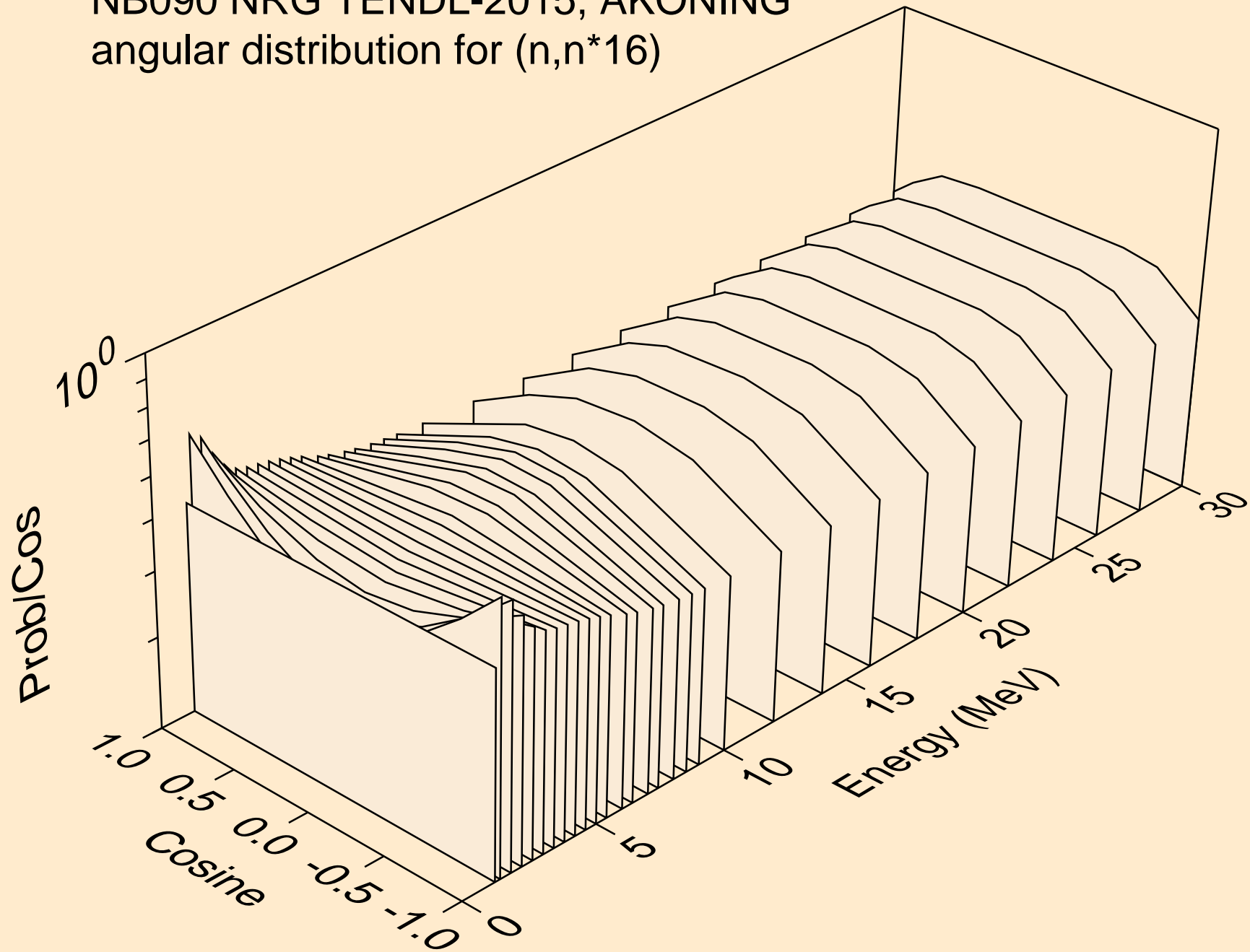


NB090 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

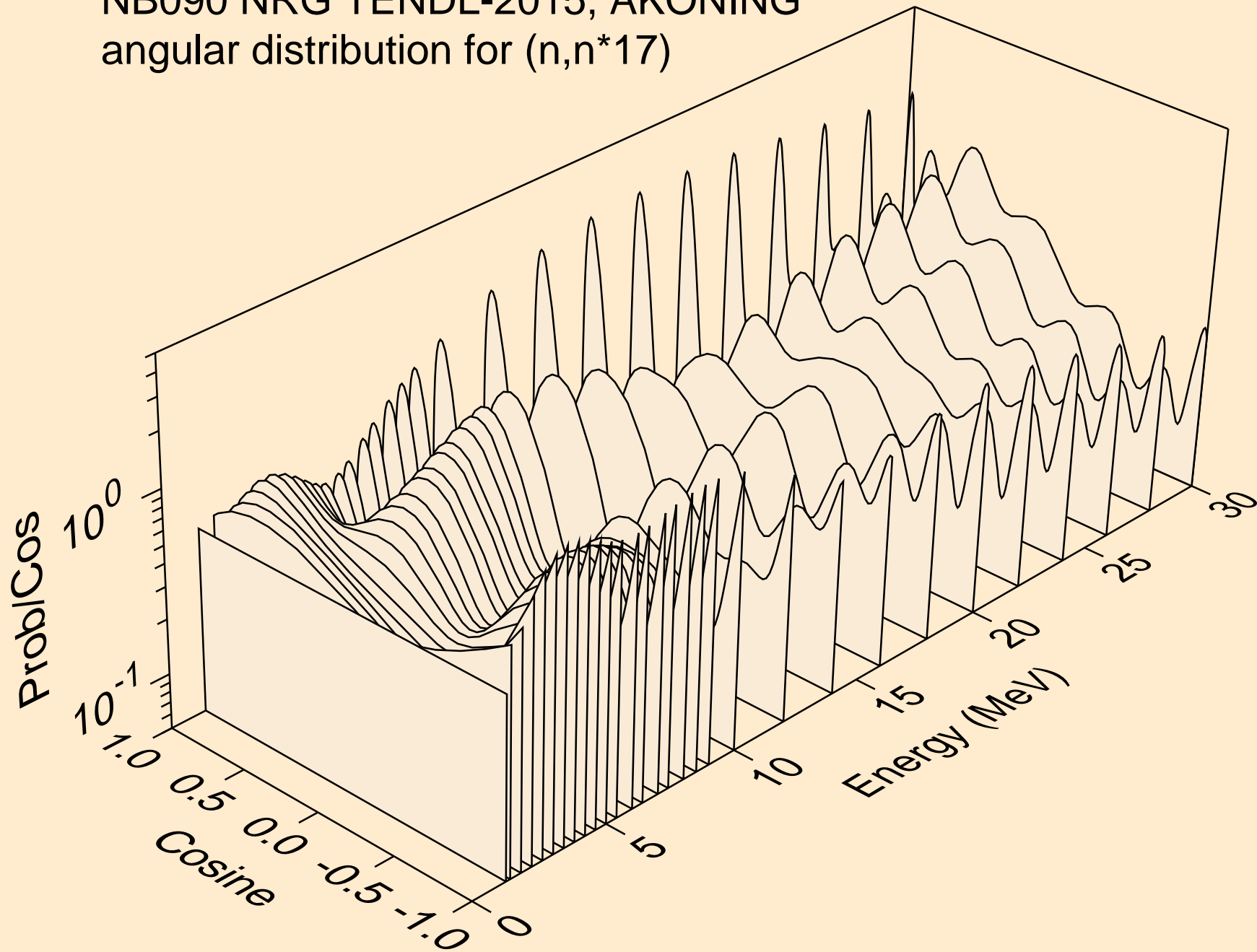




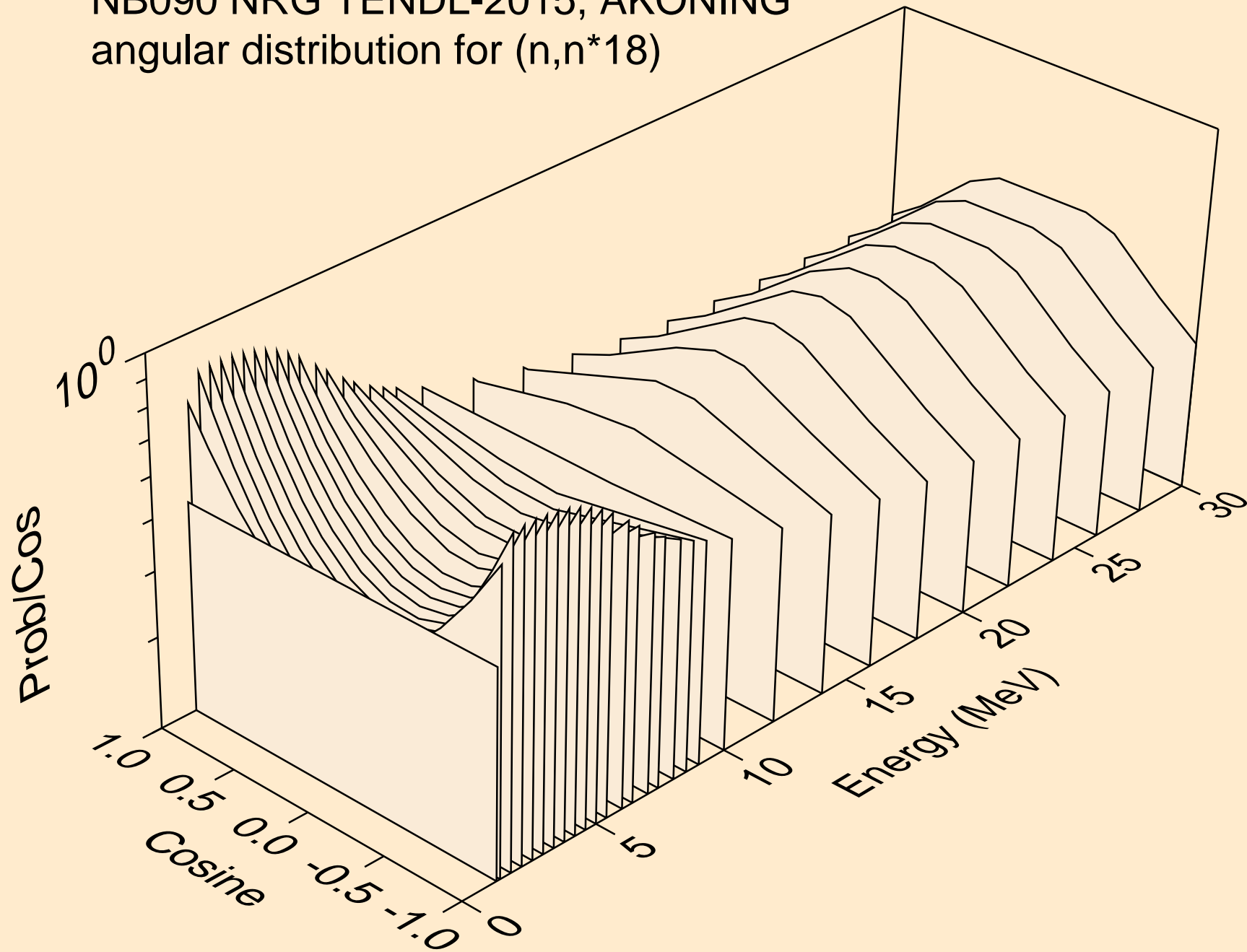
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angular distribution for (n,n\*16)



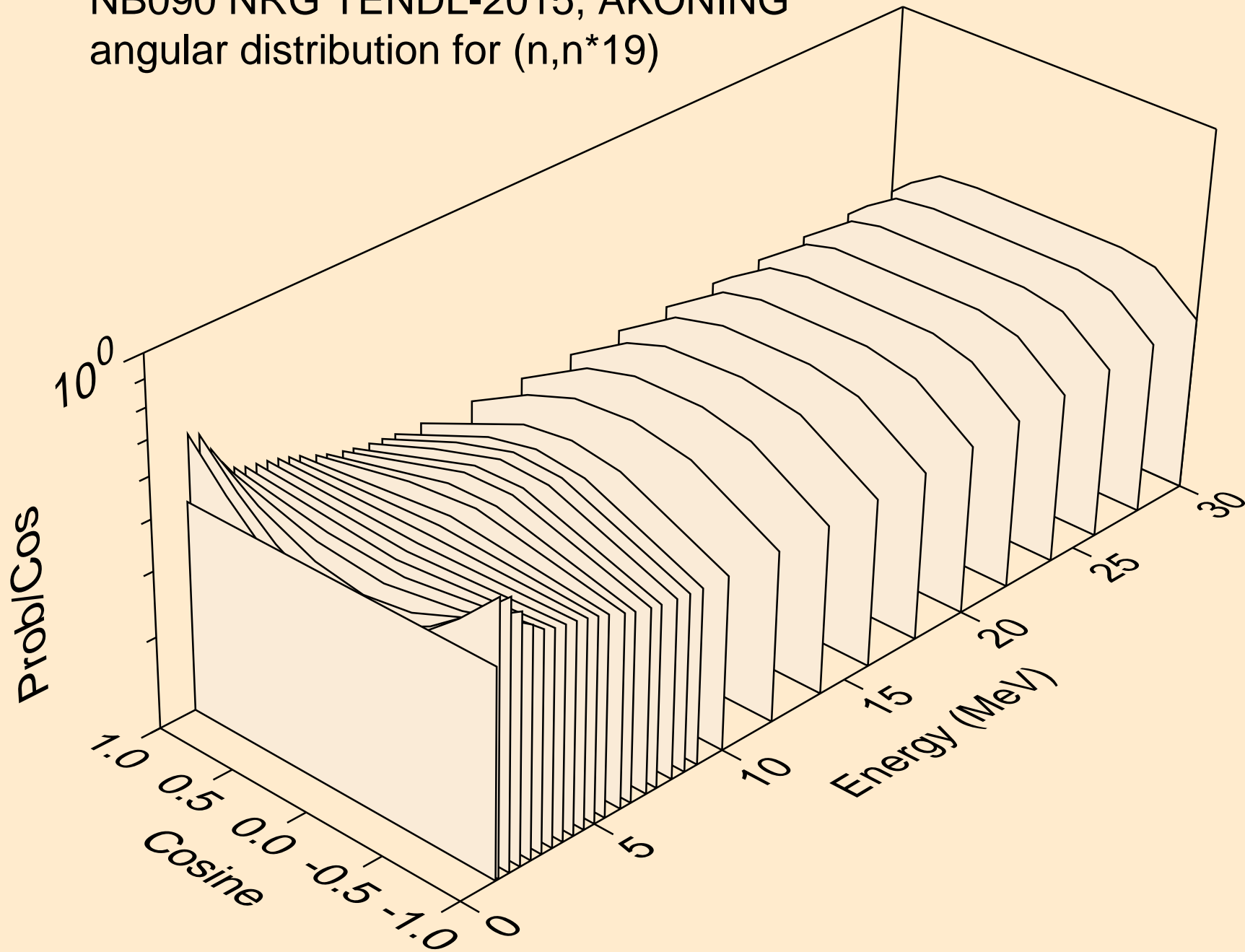
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angular distribution for (n,n\*17)



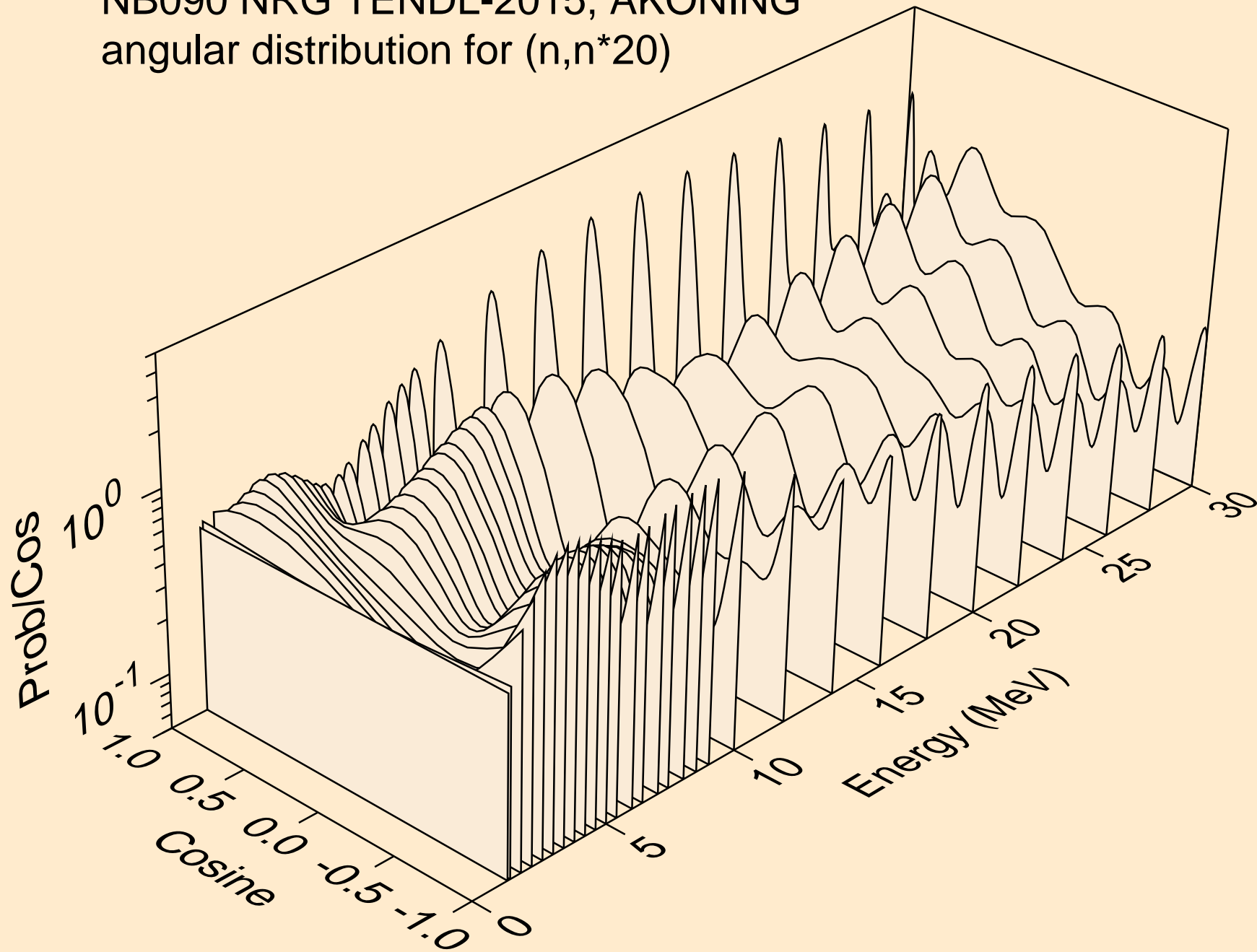
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angular distribution for (n,n\*18)



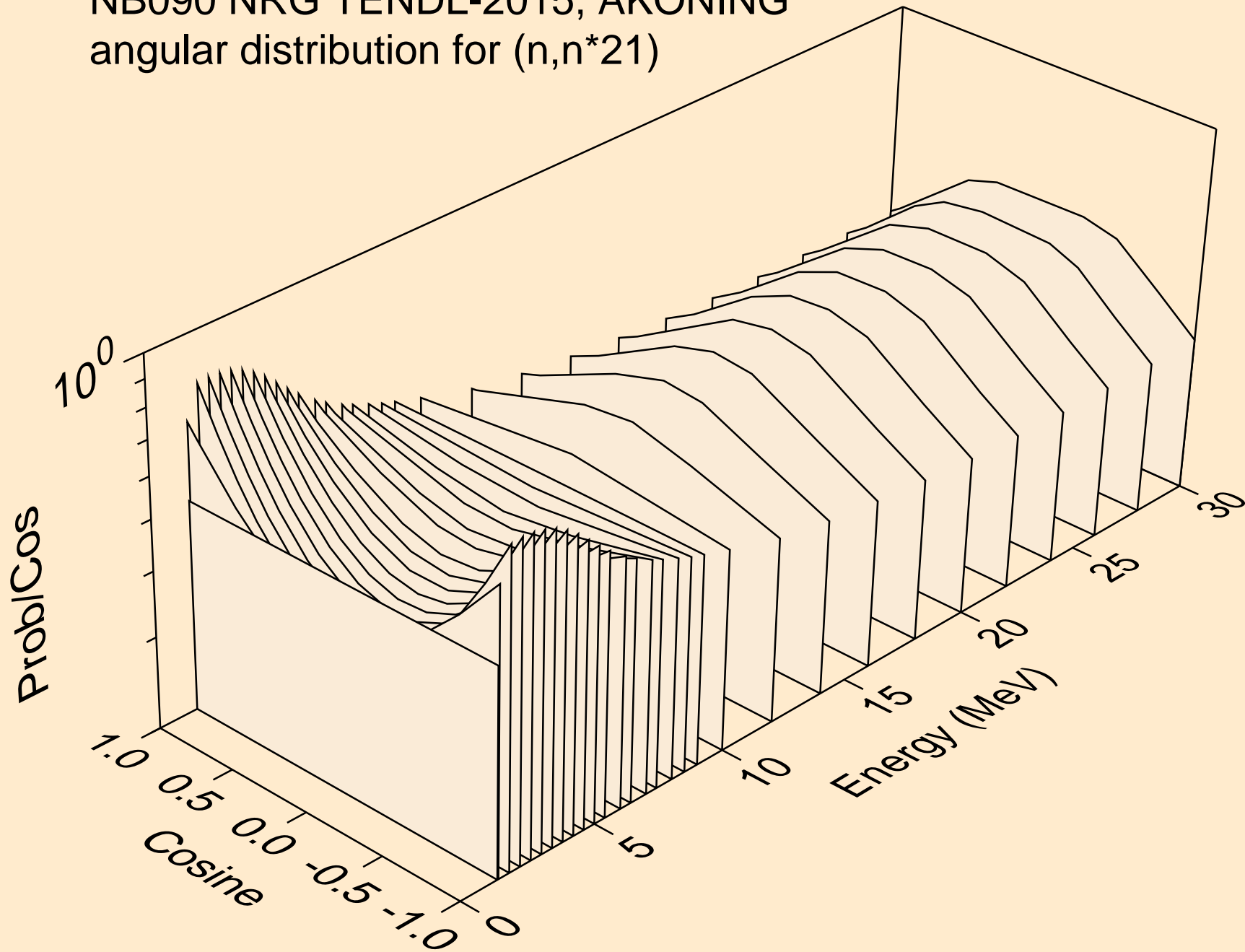
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angular distribution for (n,n\*19)



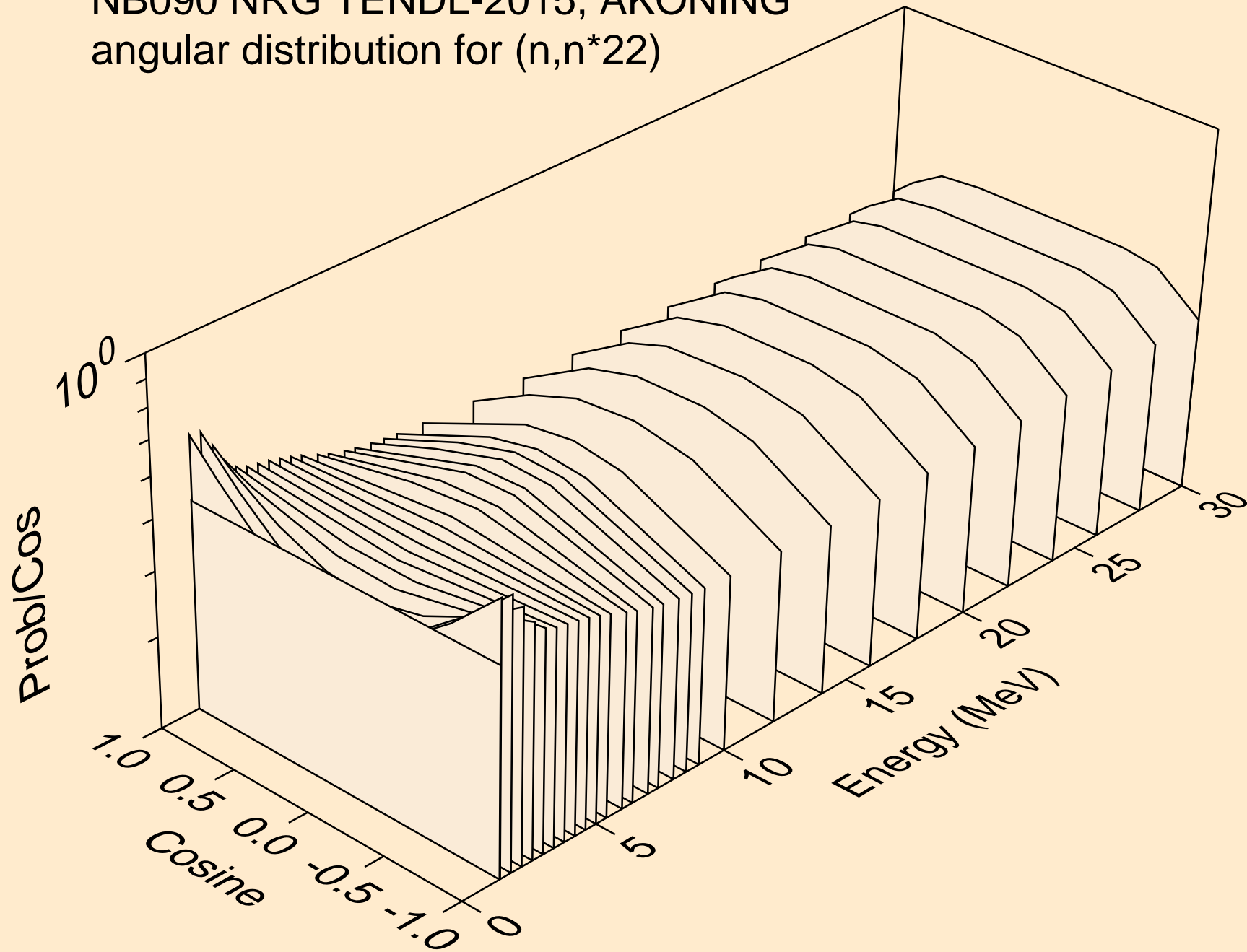
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angular distribution for (n,n\*20)



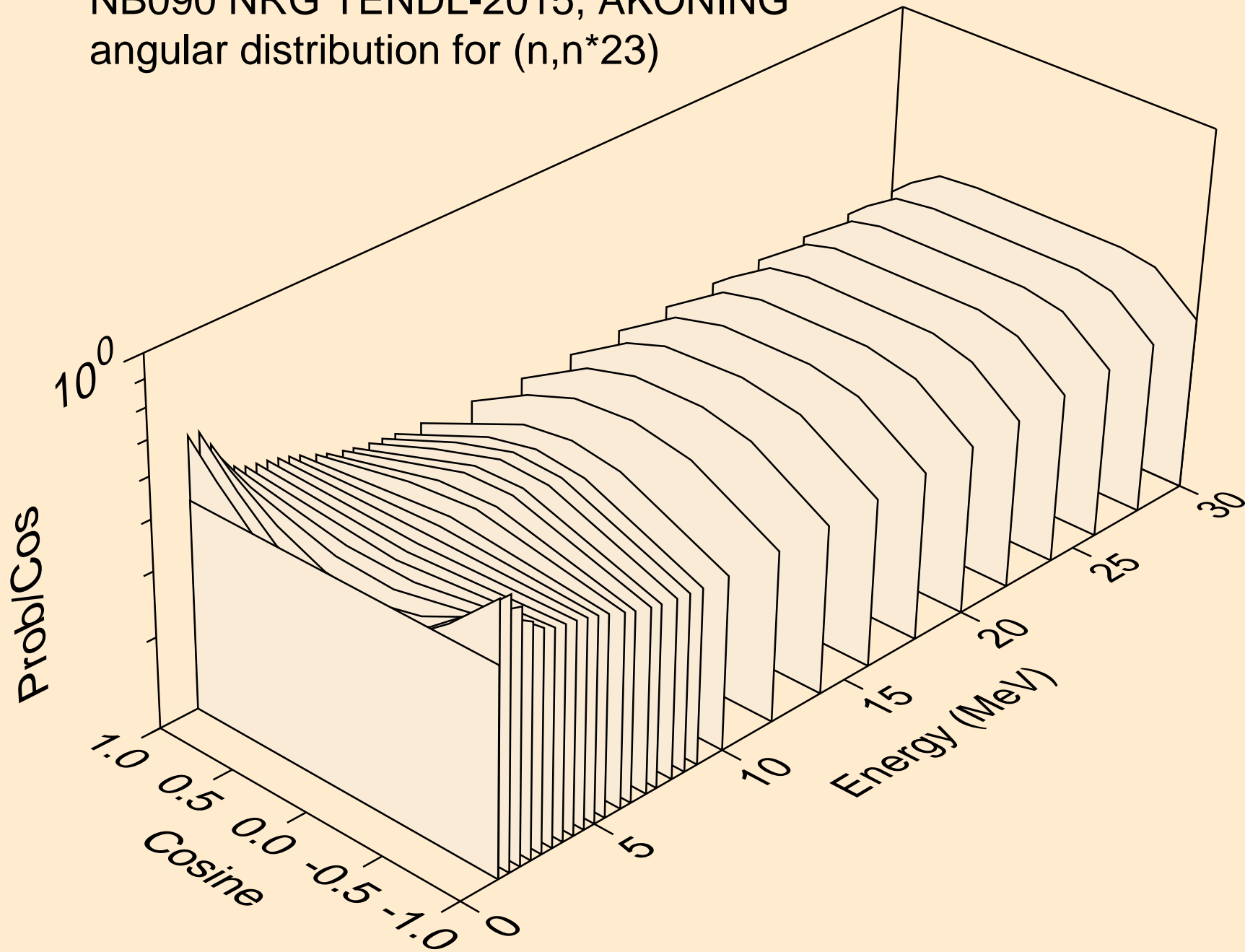
NB090 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



NB090 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)

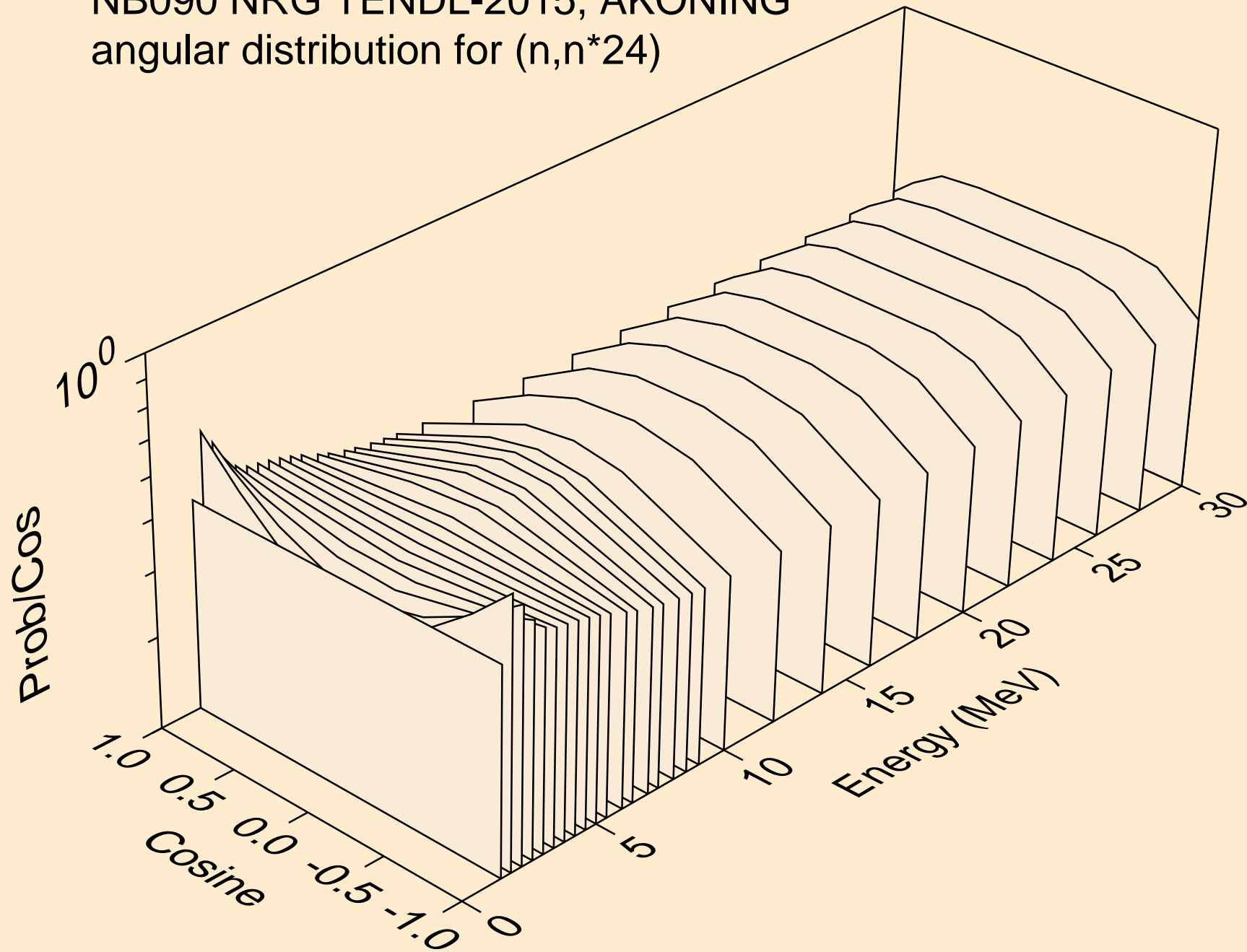


NB090 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

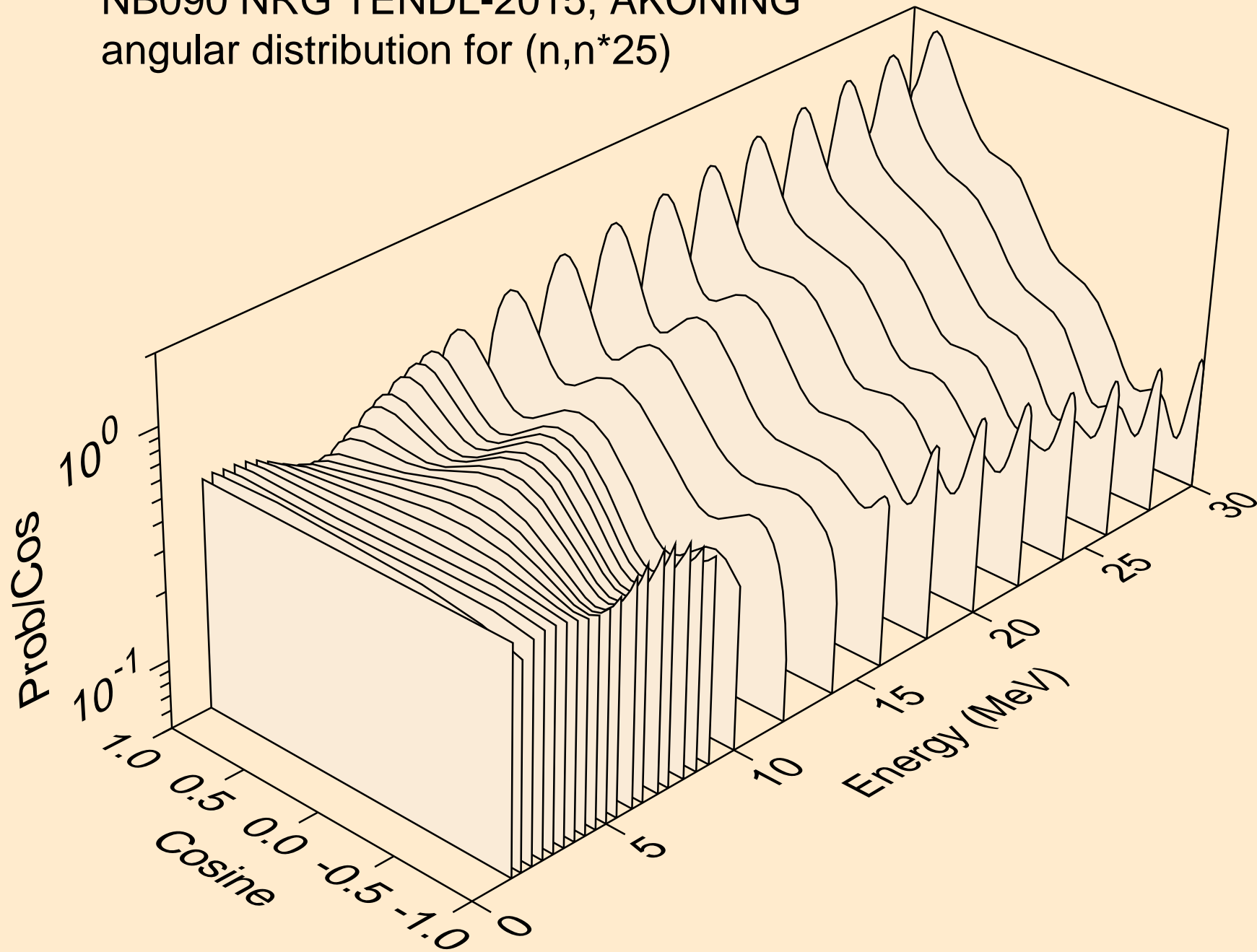




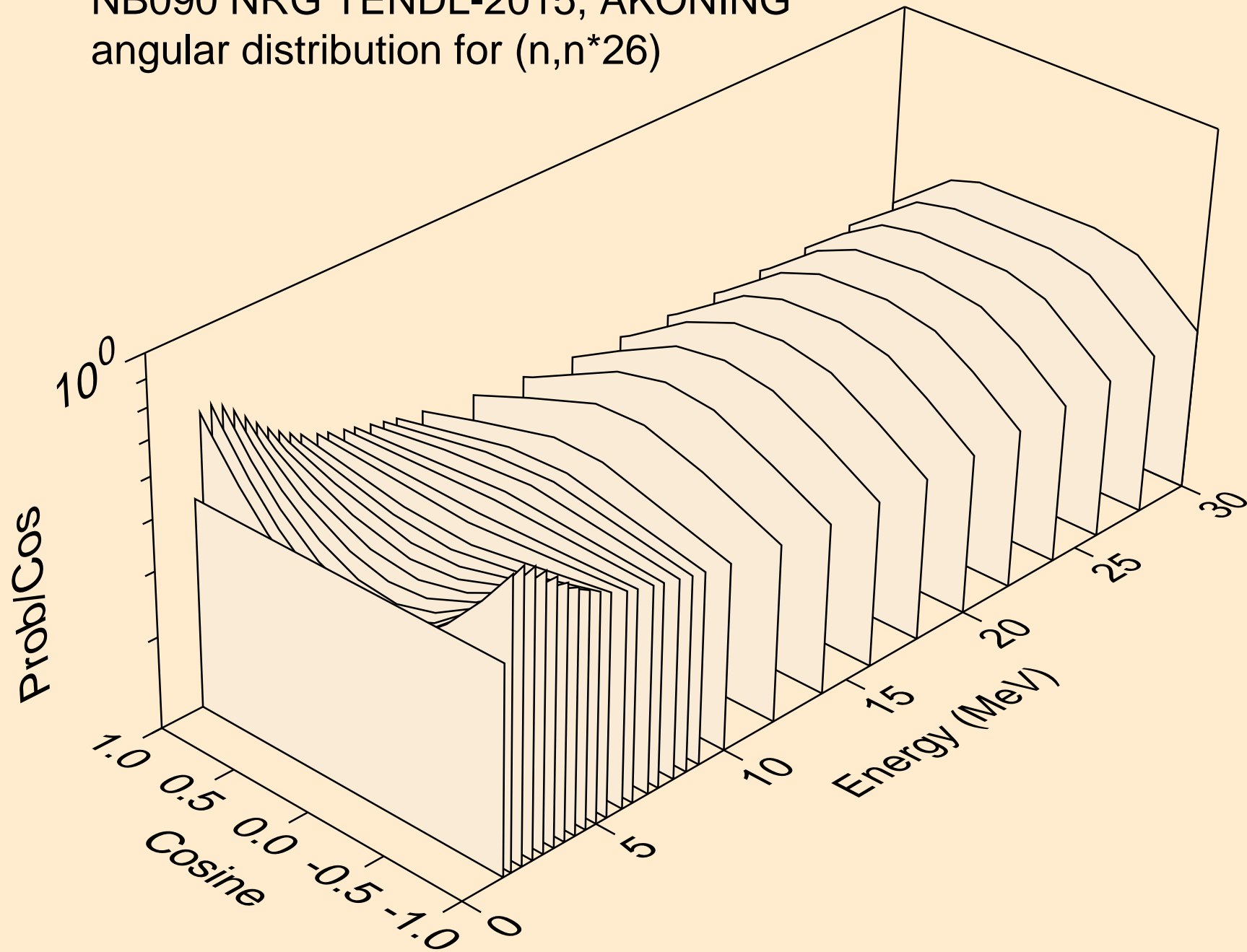
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angular distribution for (n,n\*24)



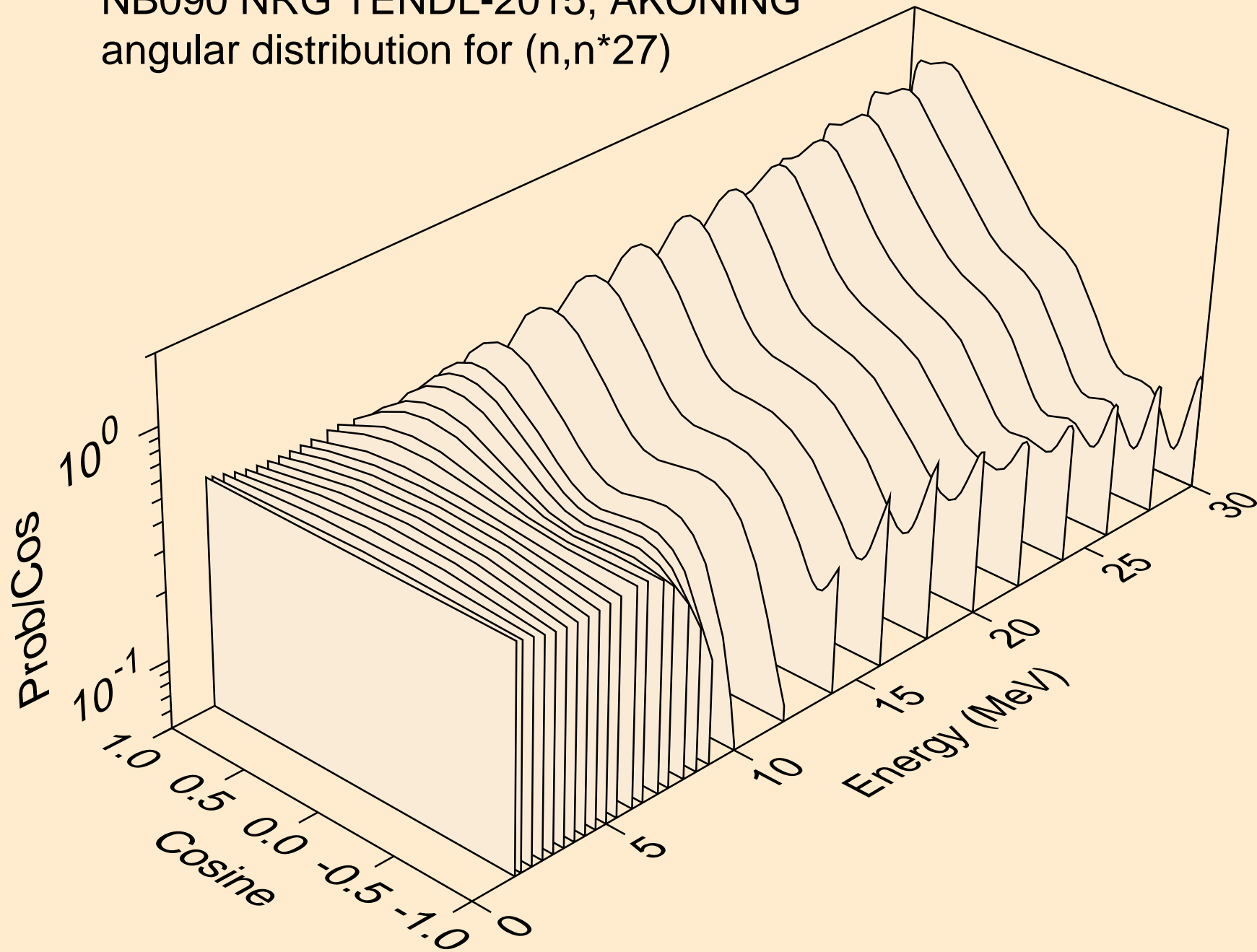
NB090 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



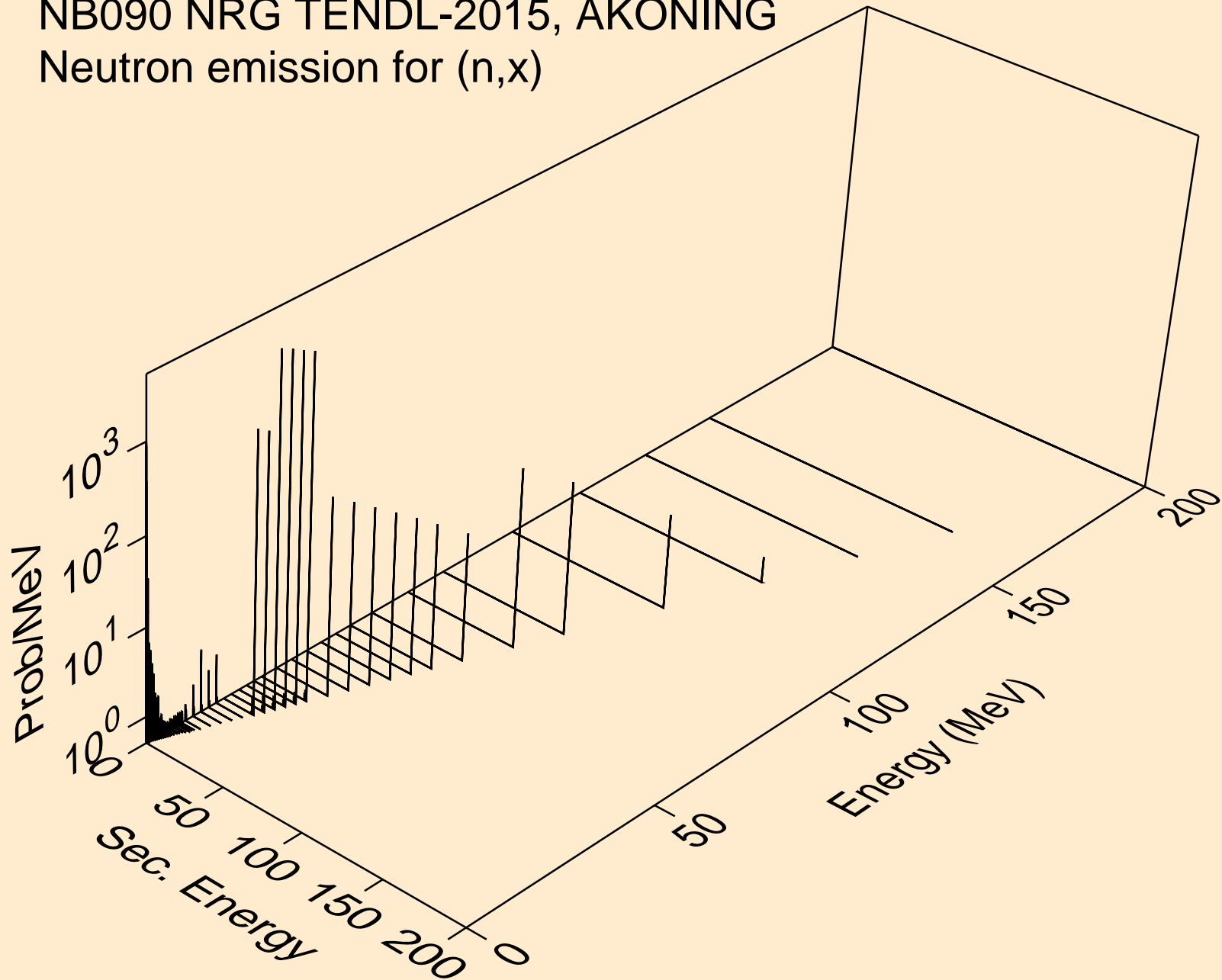
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angular distribution for (n,n\*26)



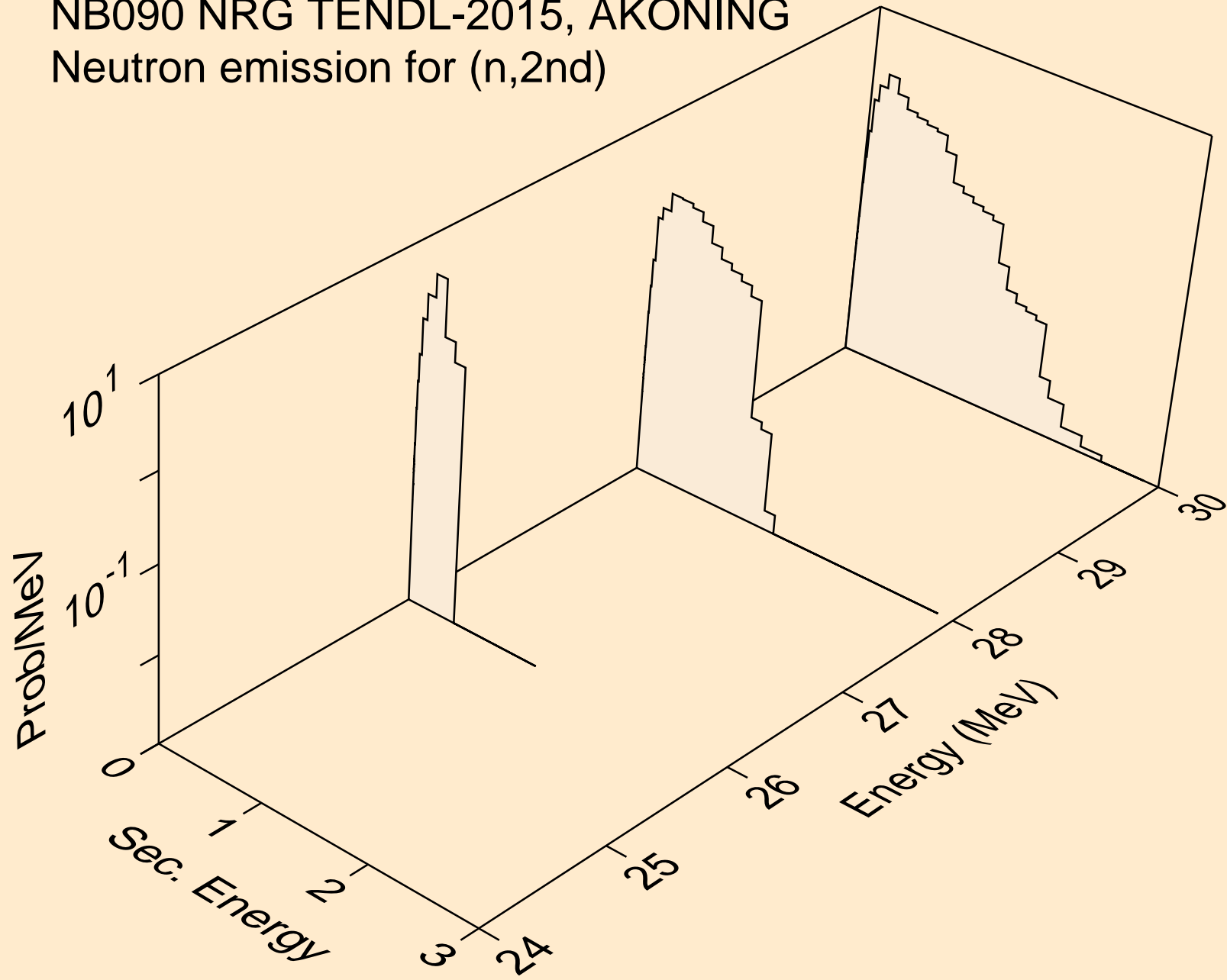
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angular distribution for (n,n\*27)



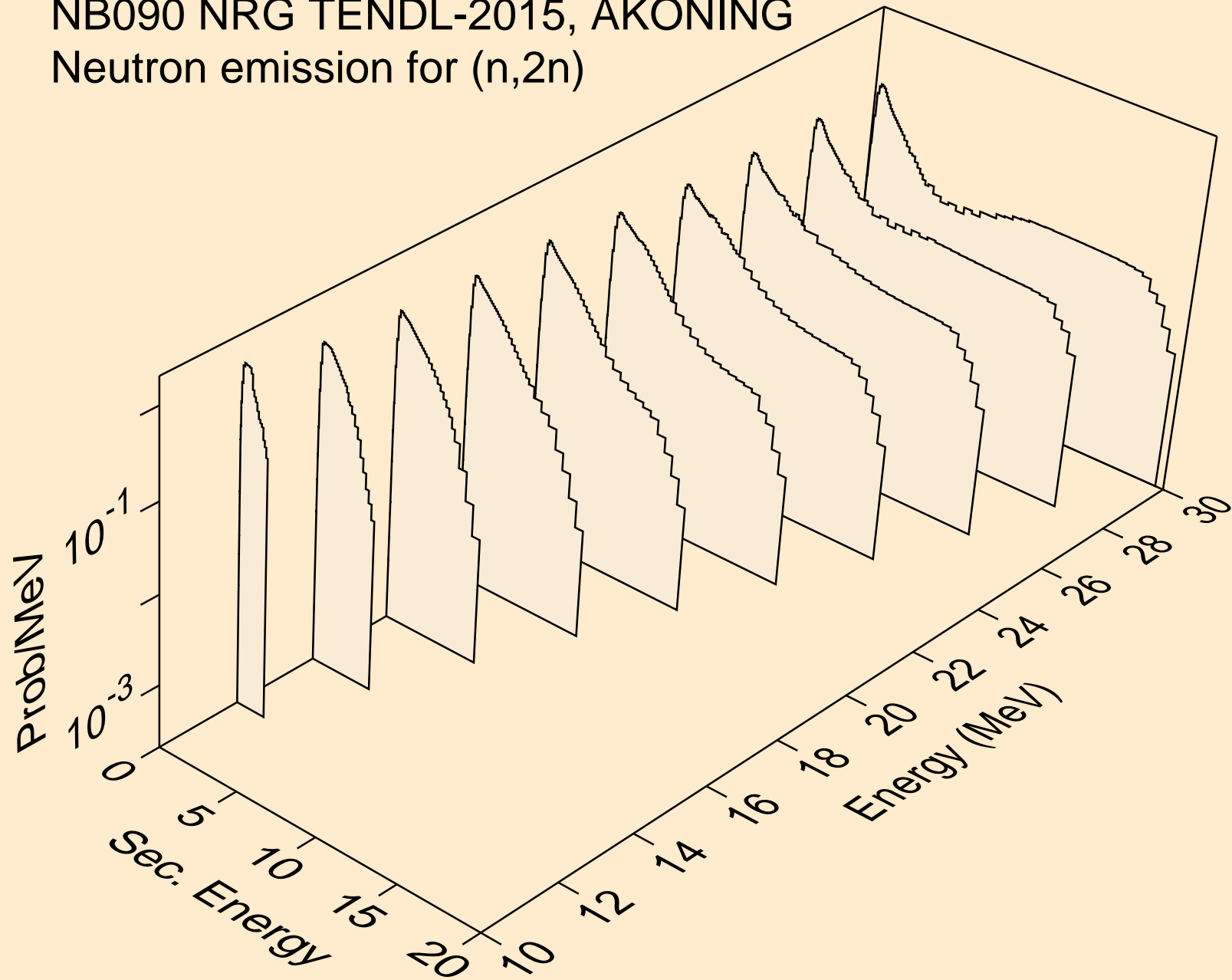
NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



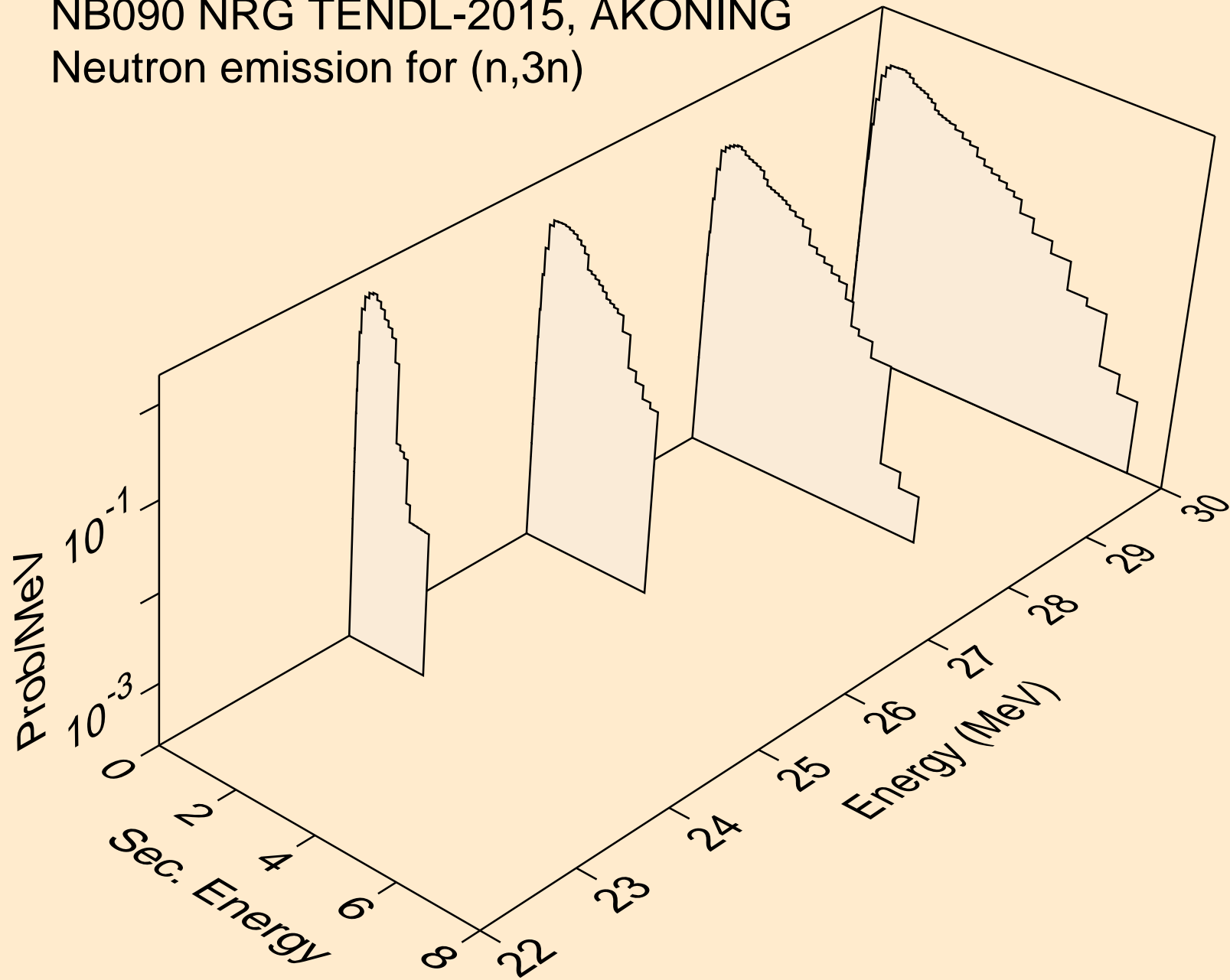
NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

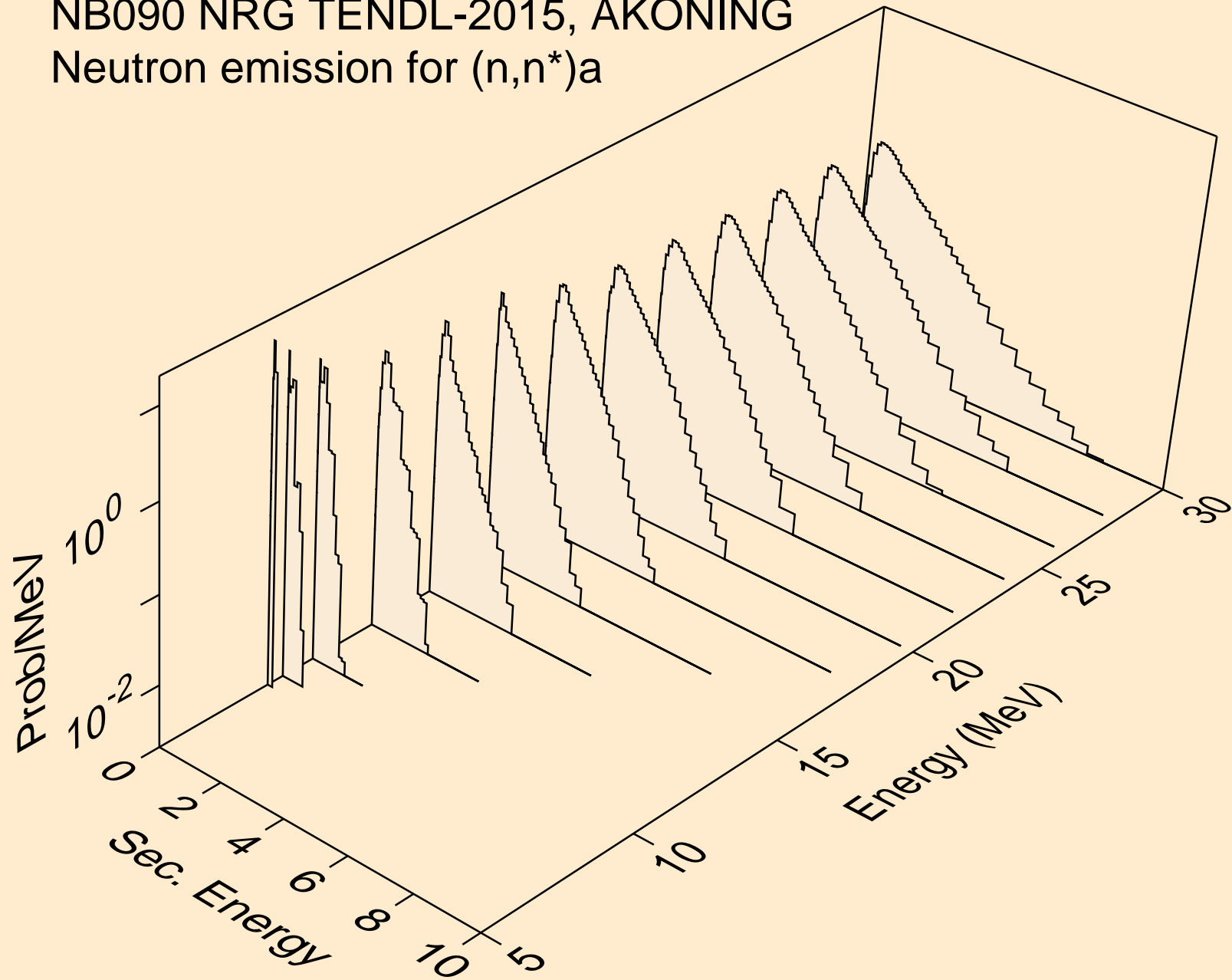


NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

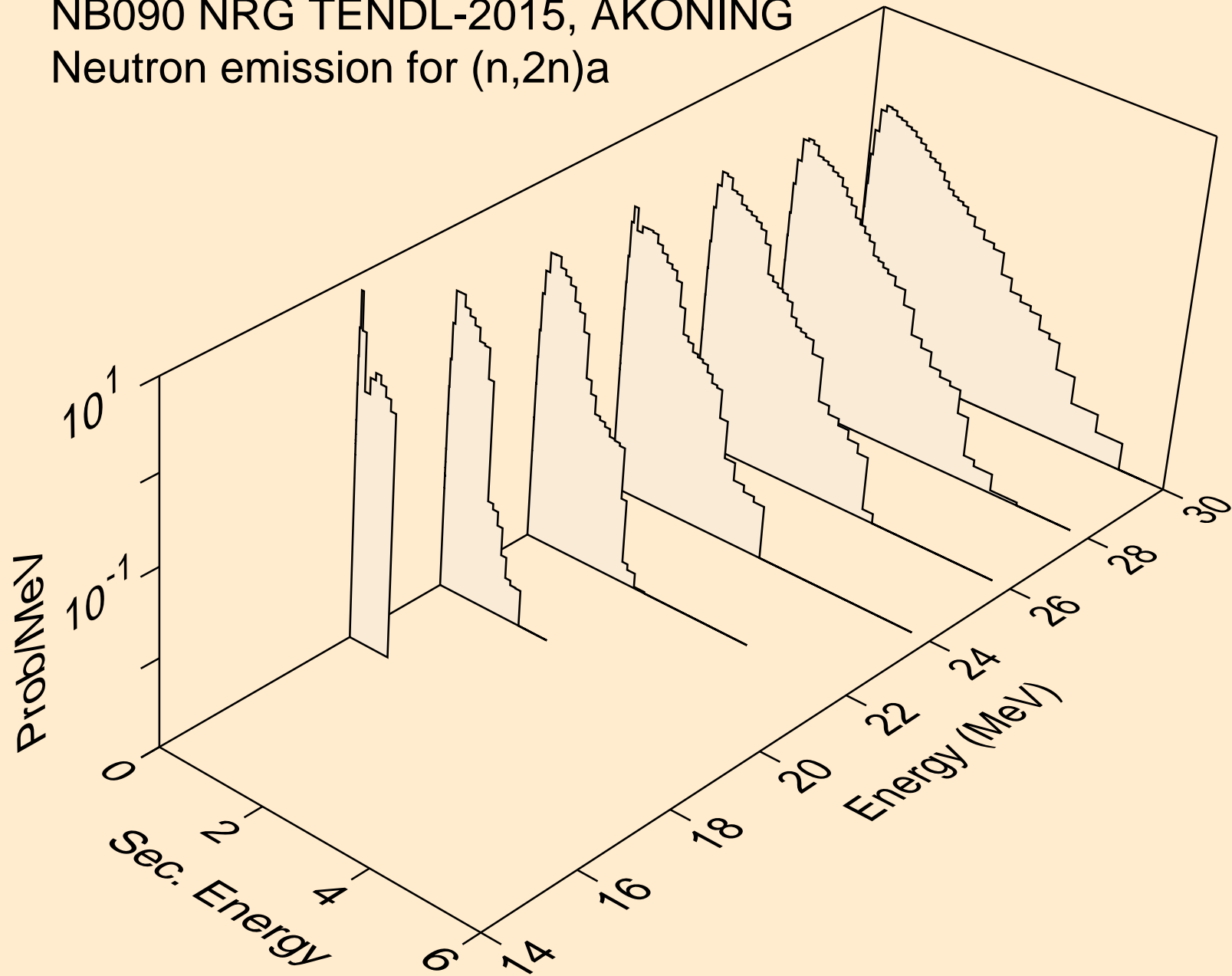




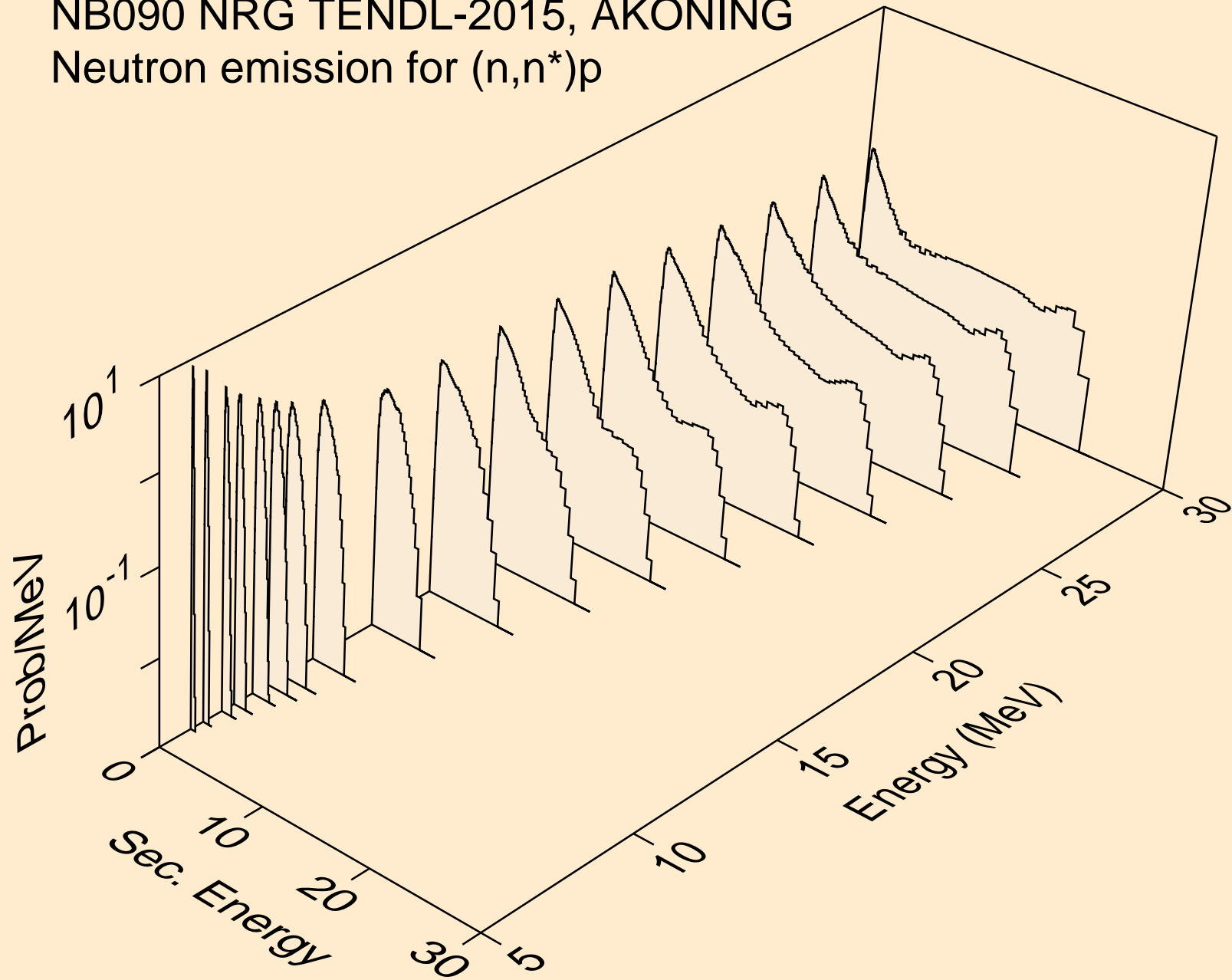
NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



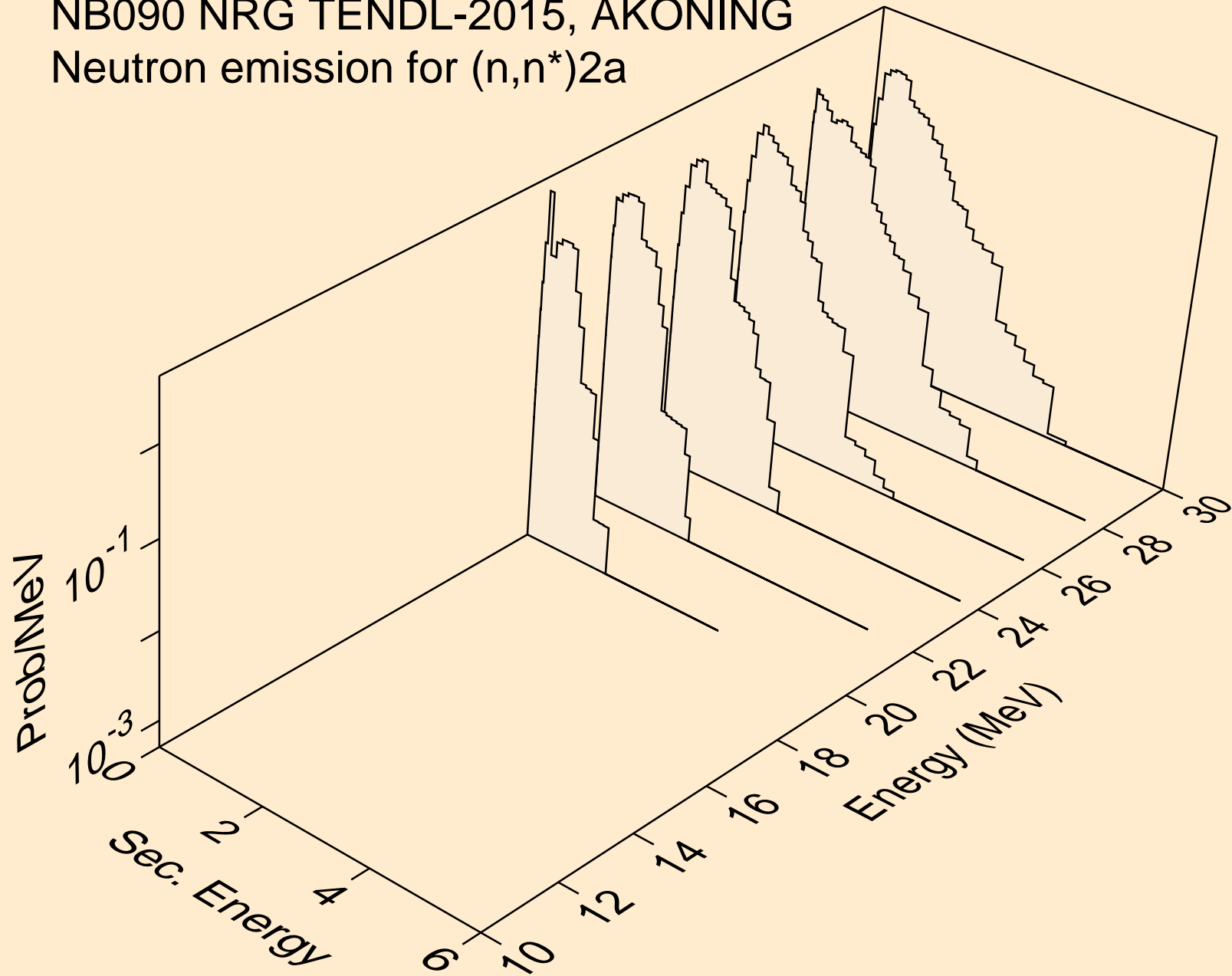
NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



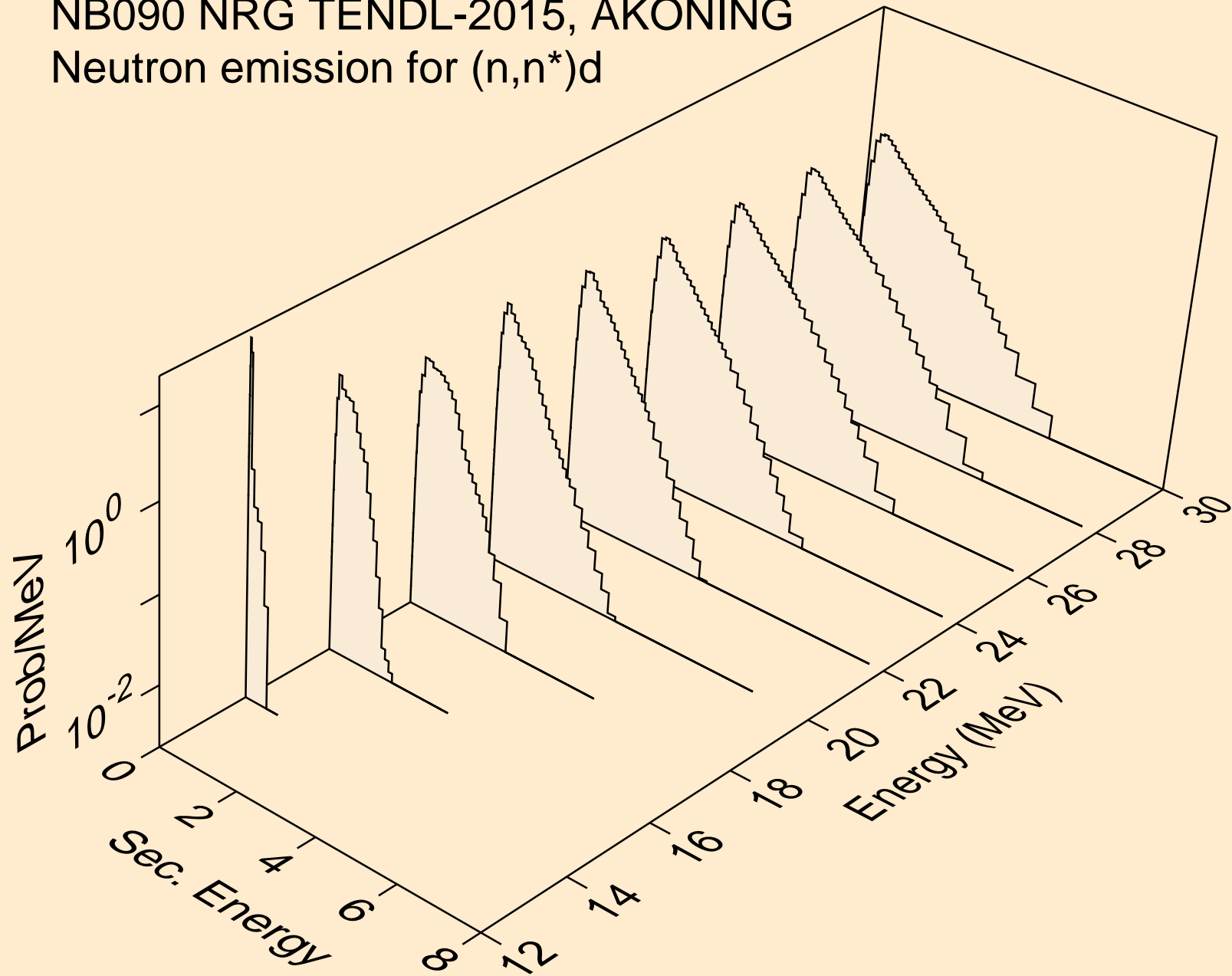
NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



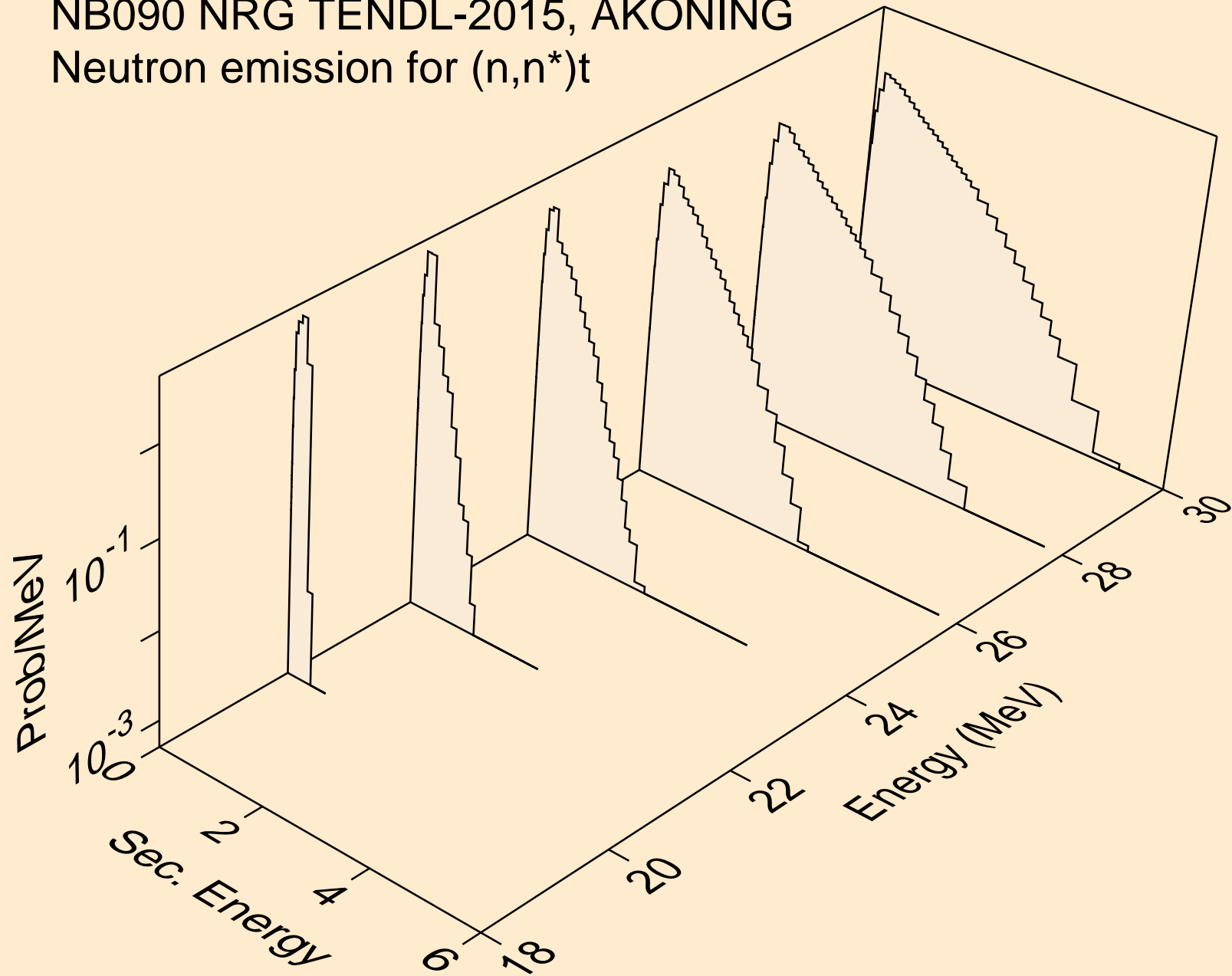
NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



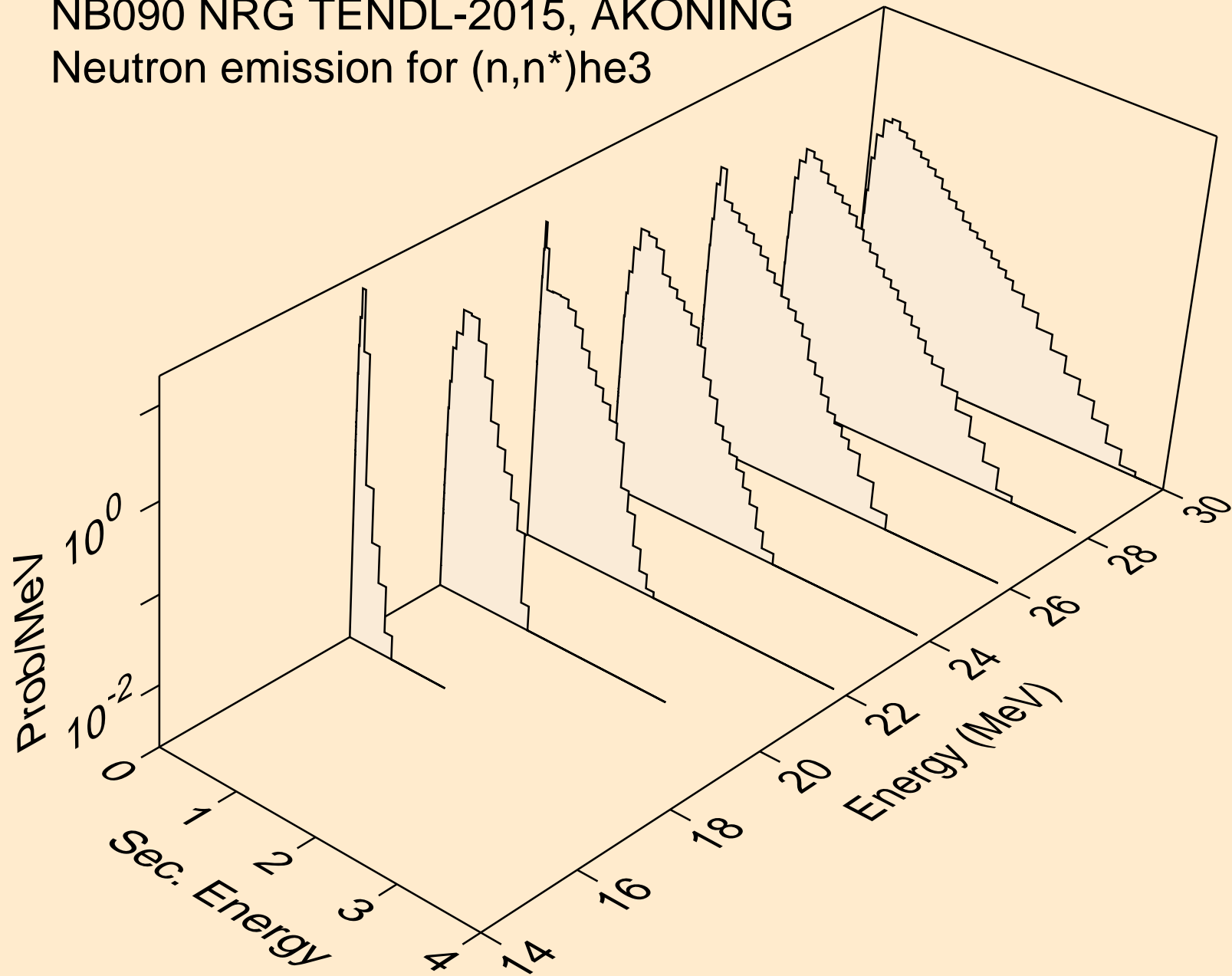
NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



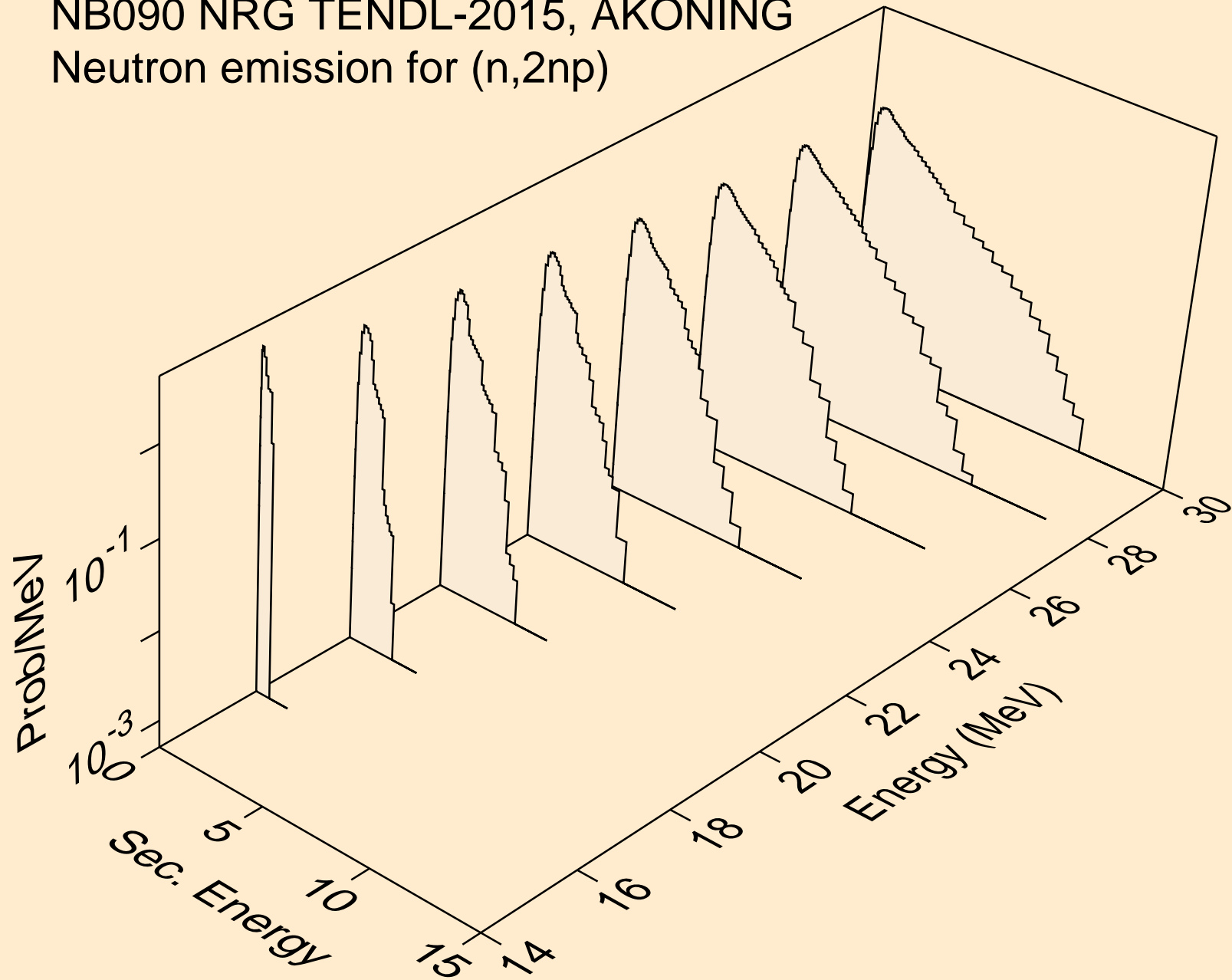
NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

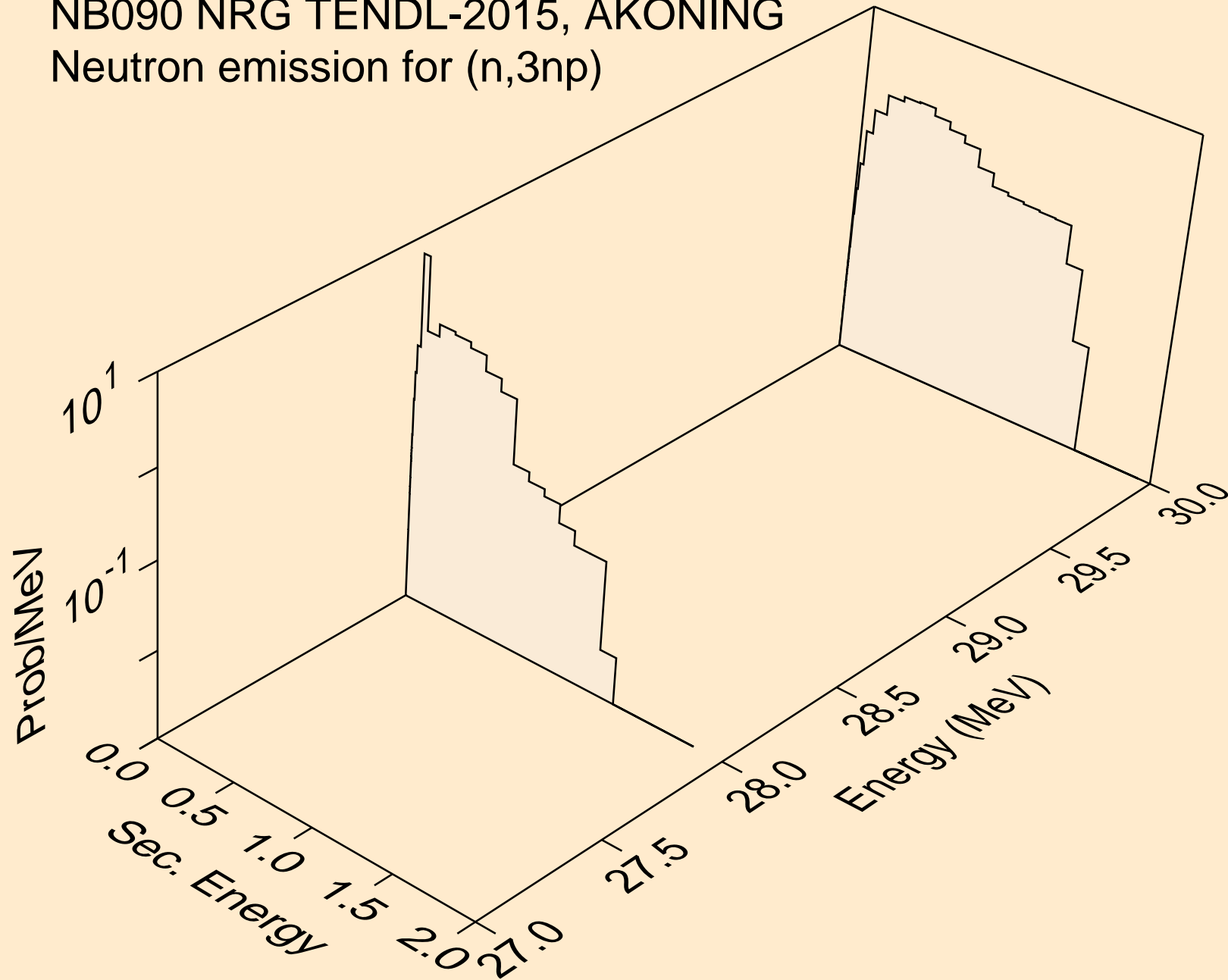


NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

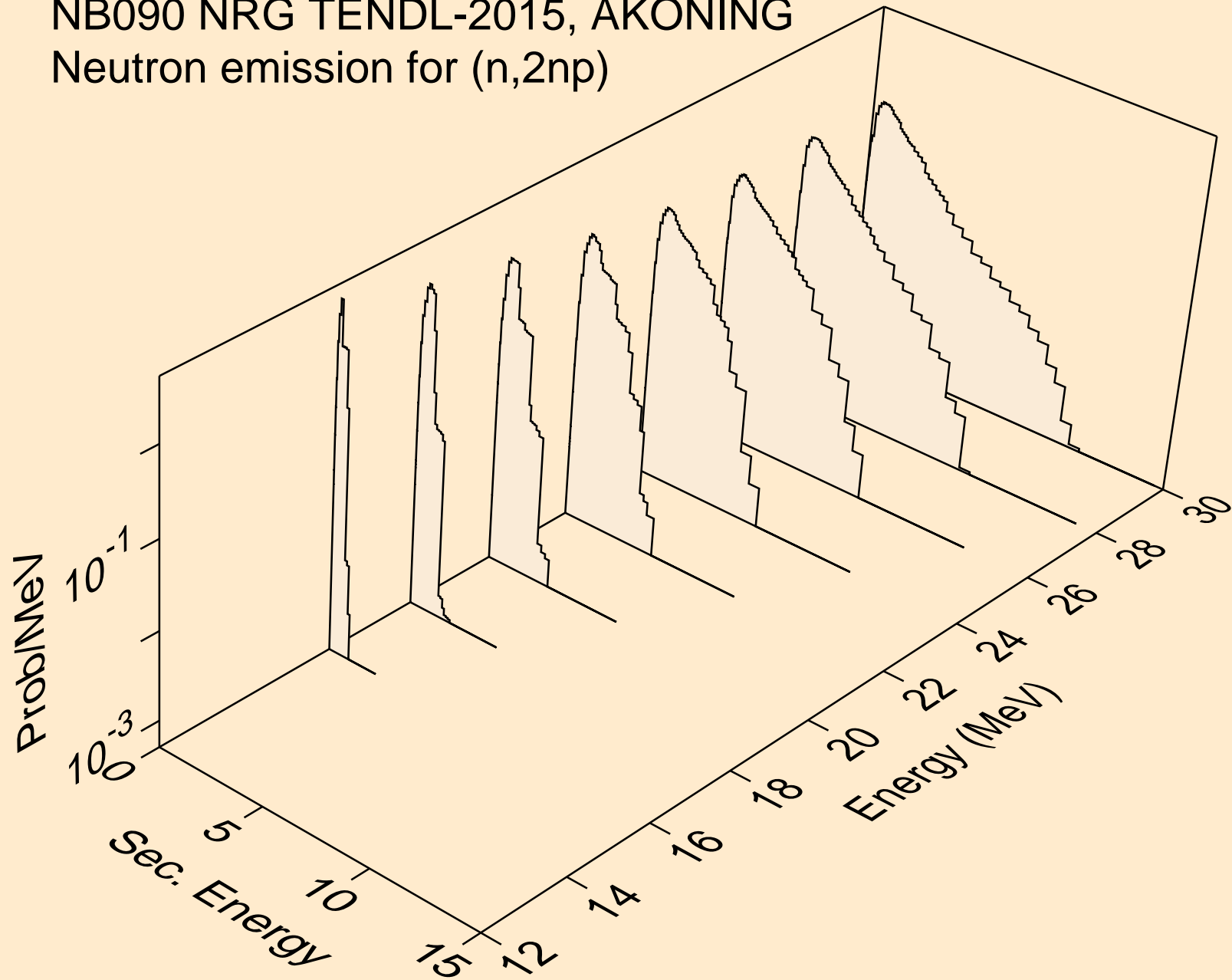




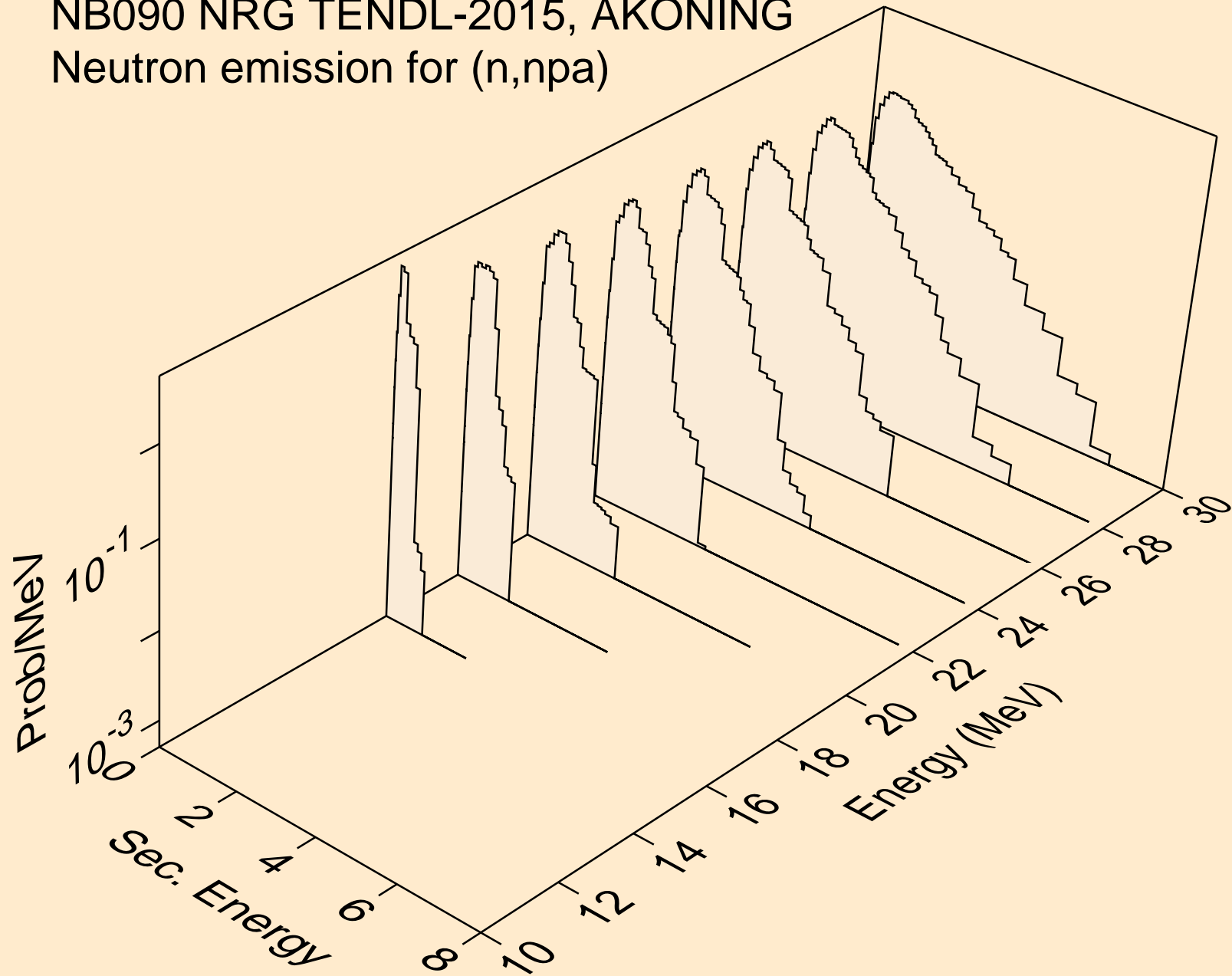
NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



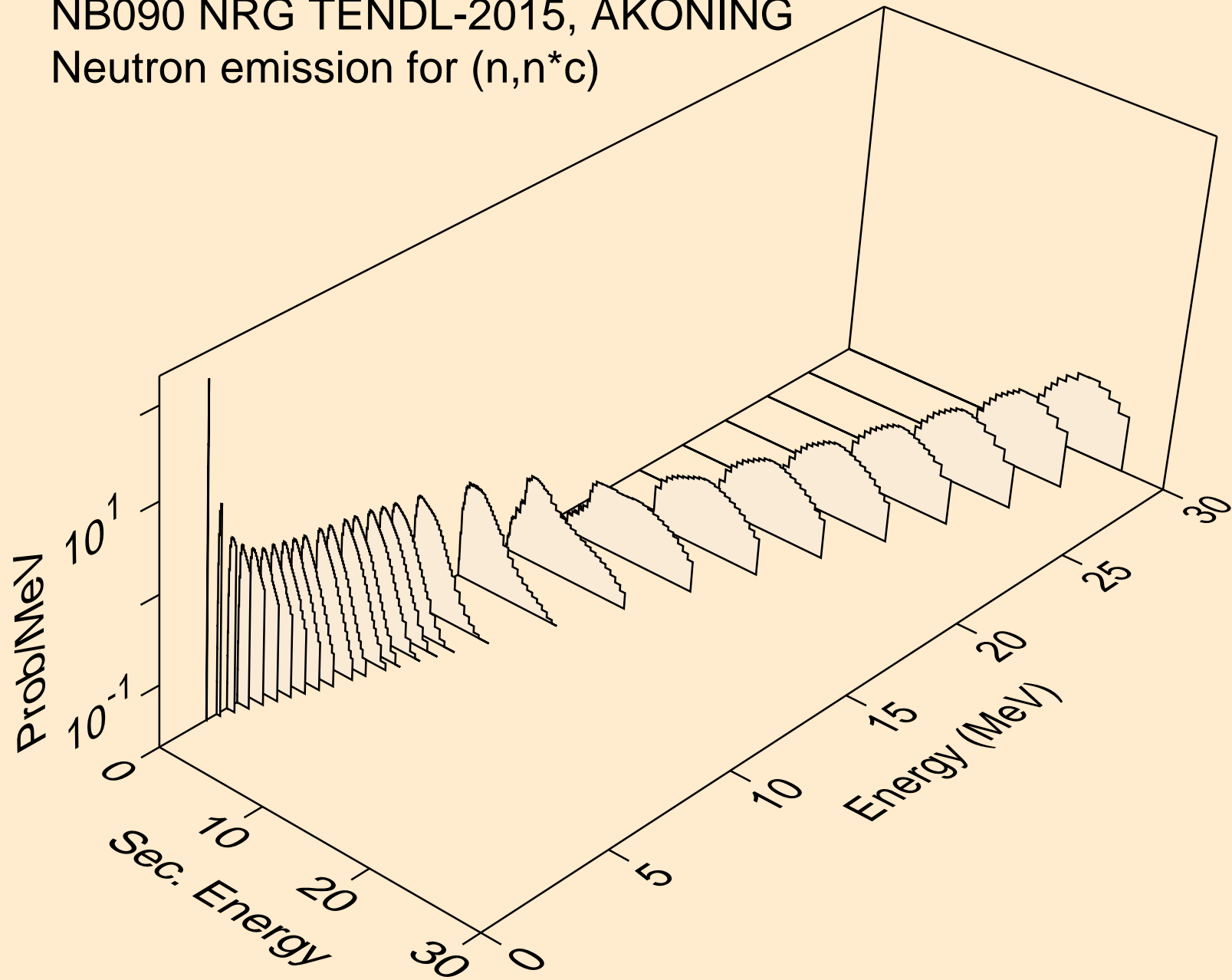
NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



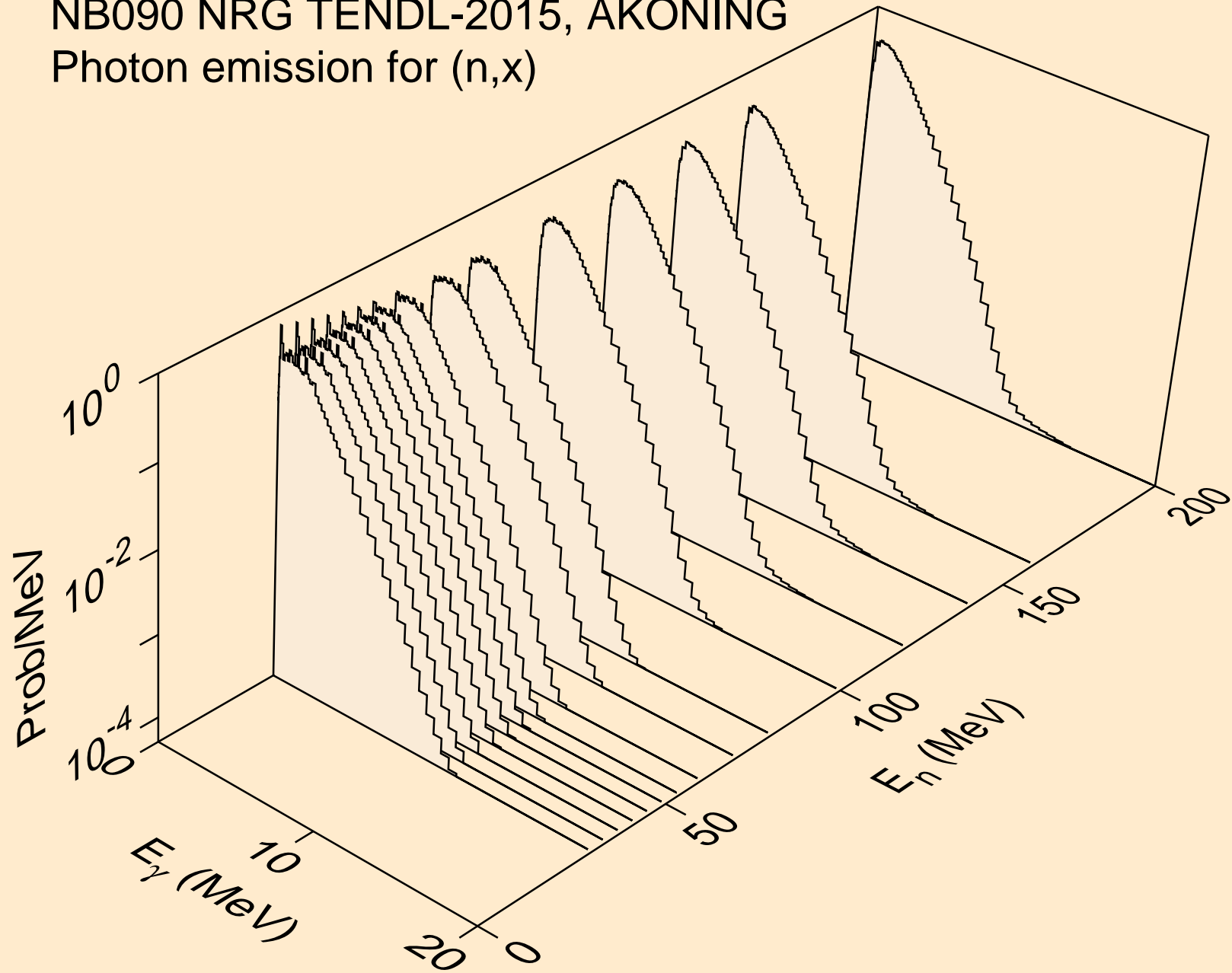
NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



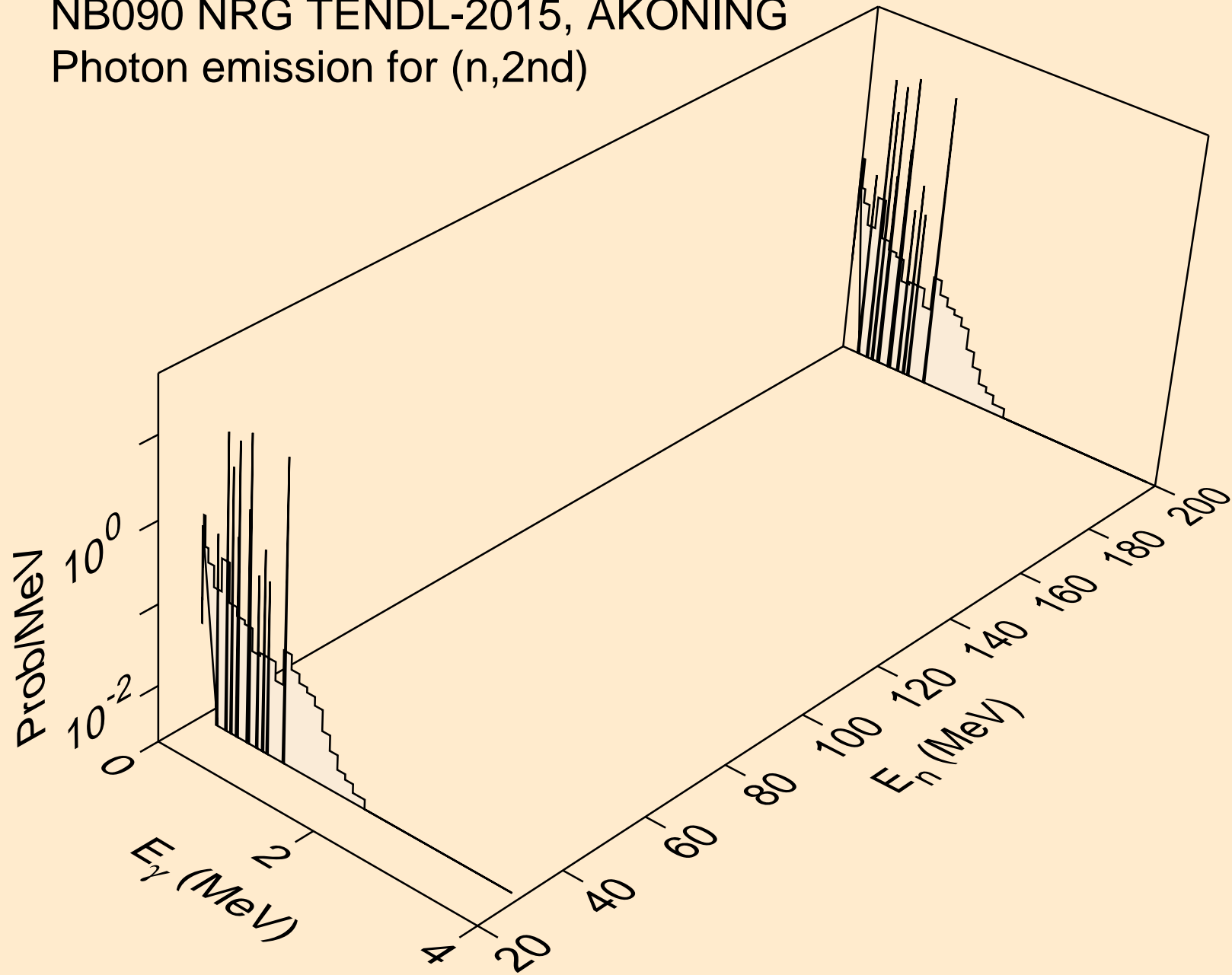
NB090 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



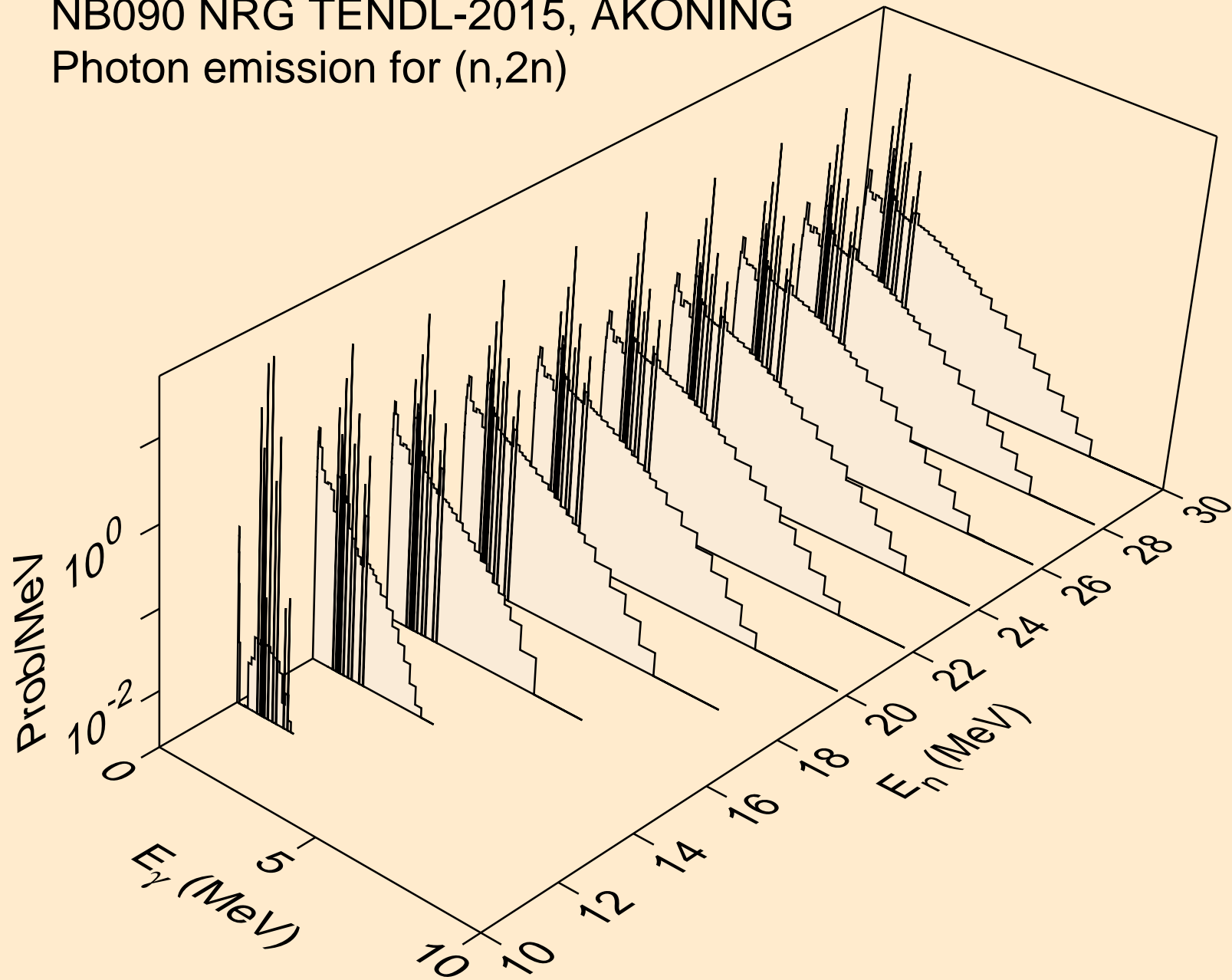
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



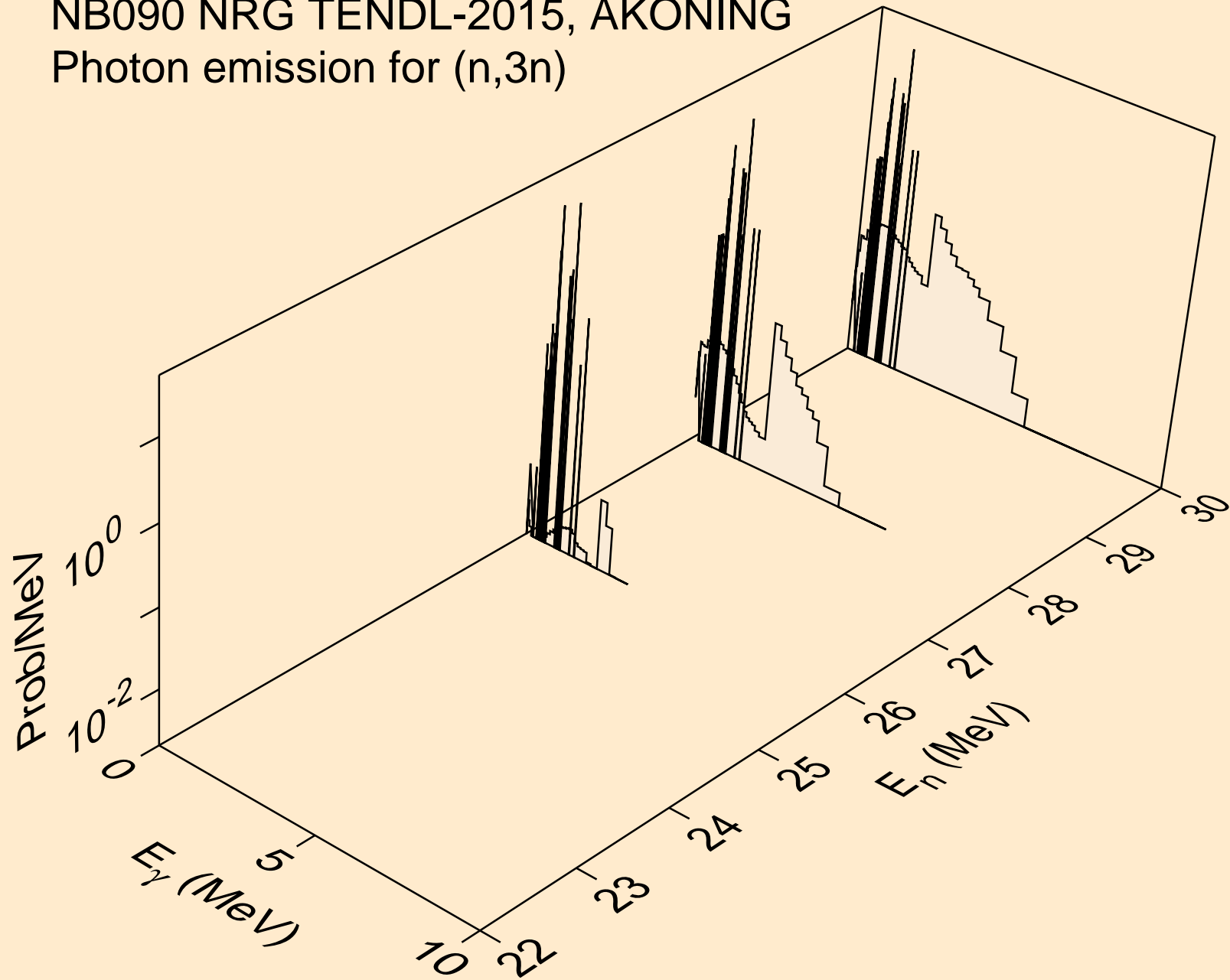
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

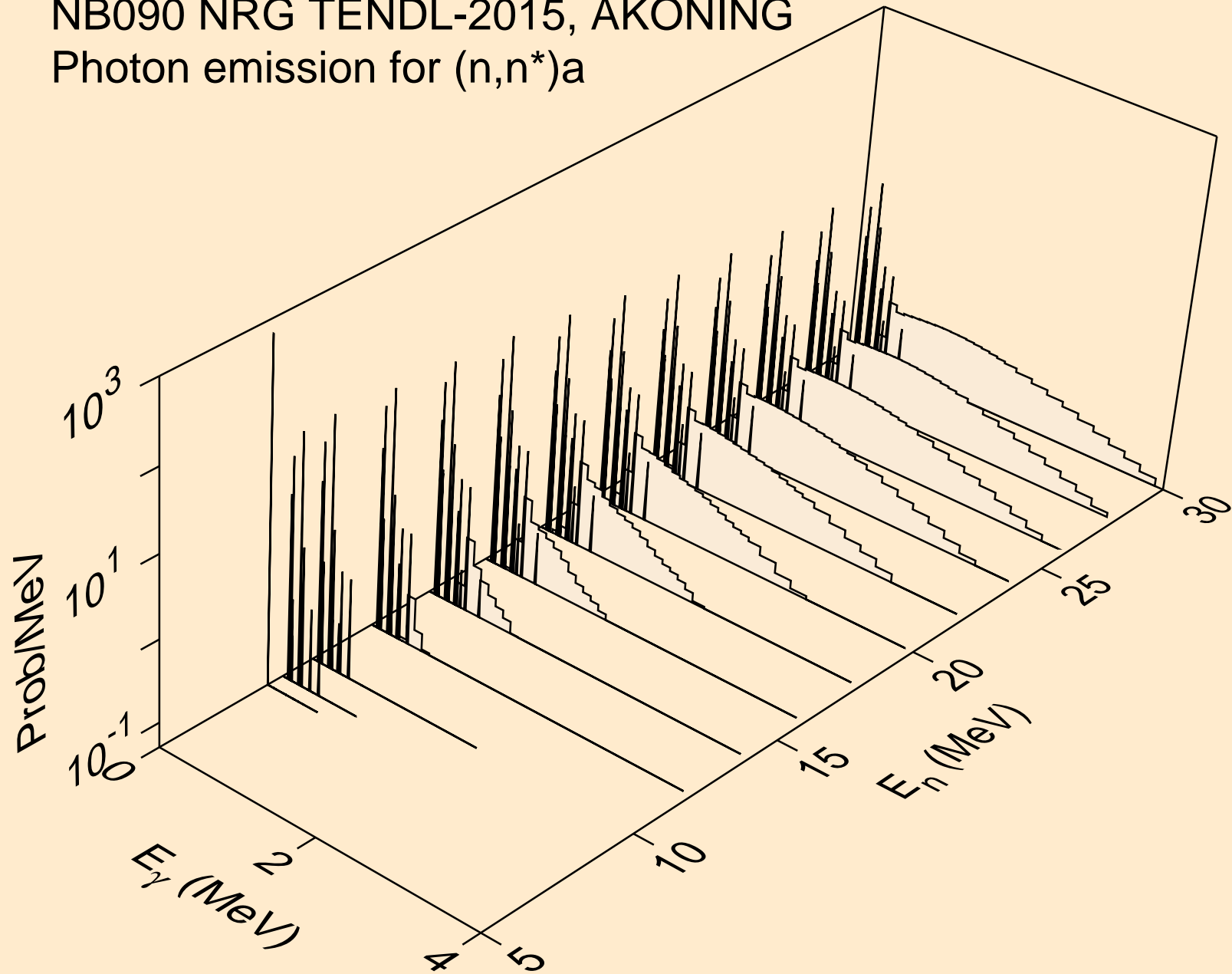


NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

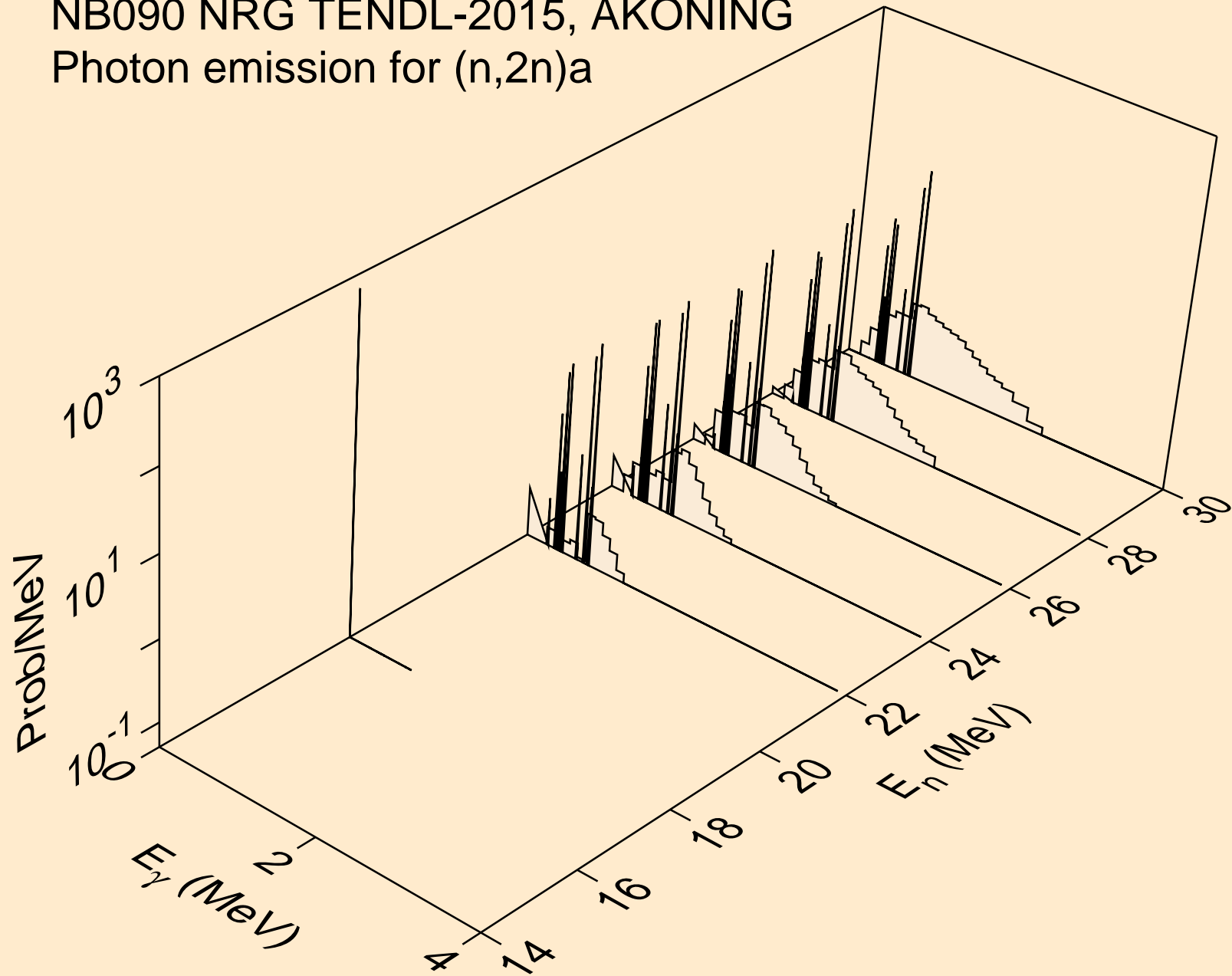




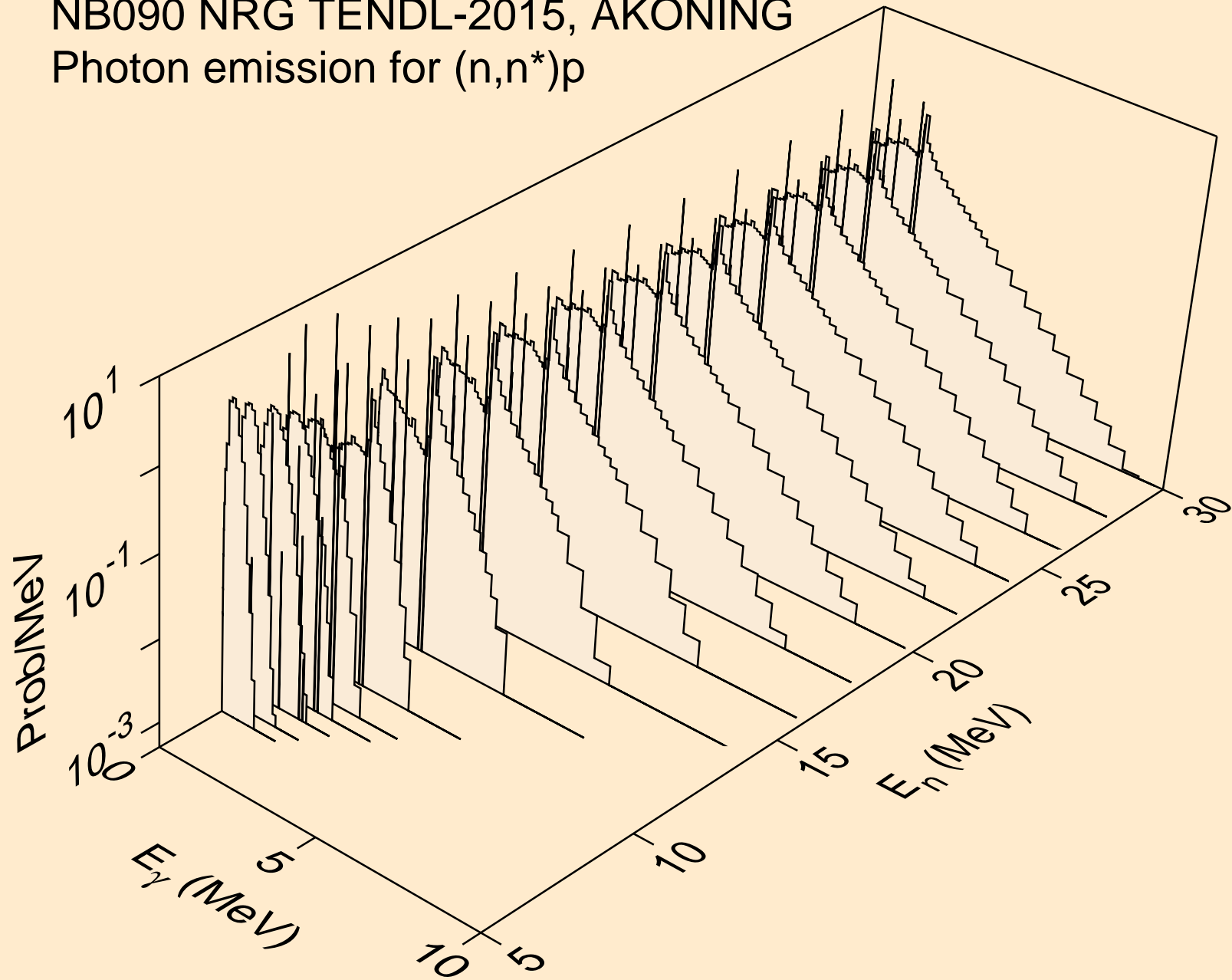
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



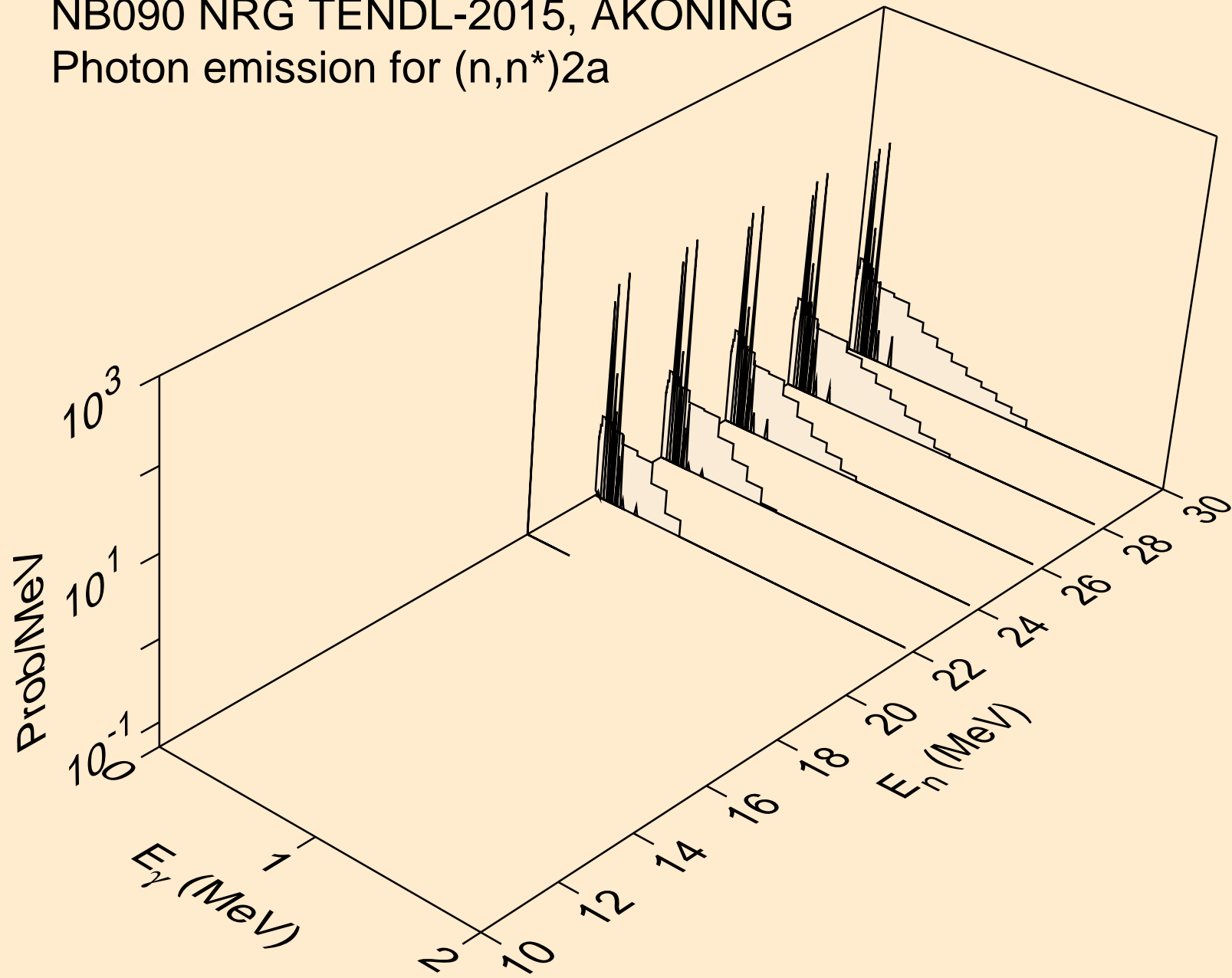
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



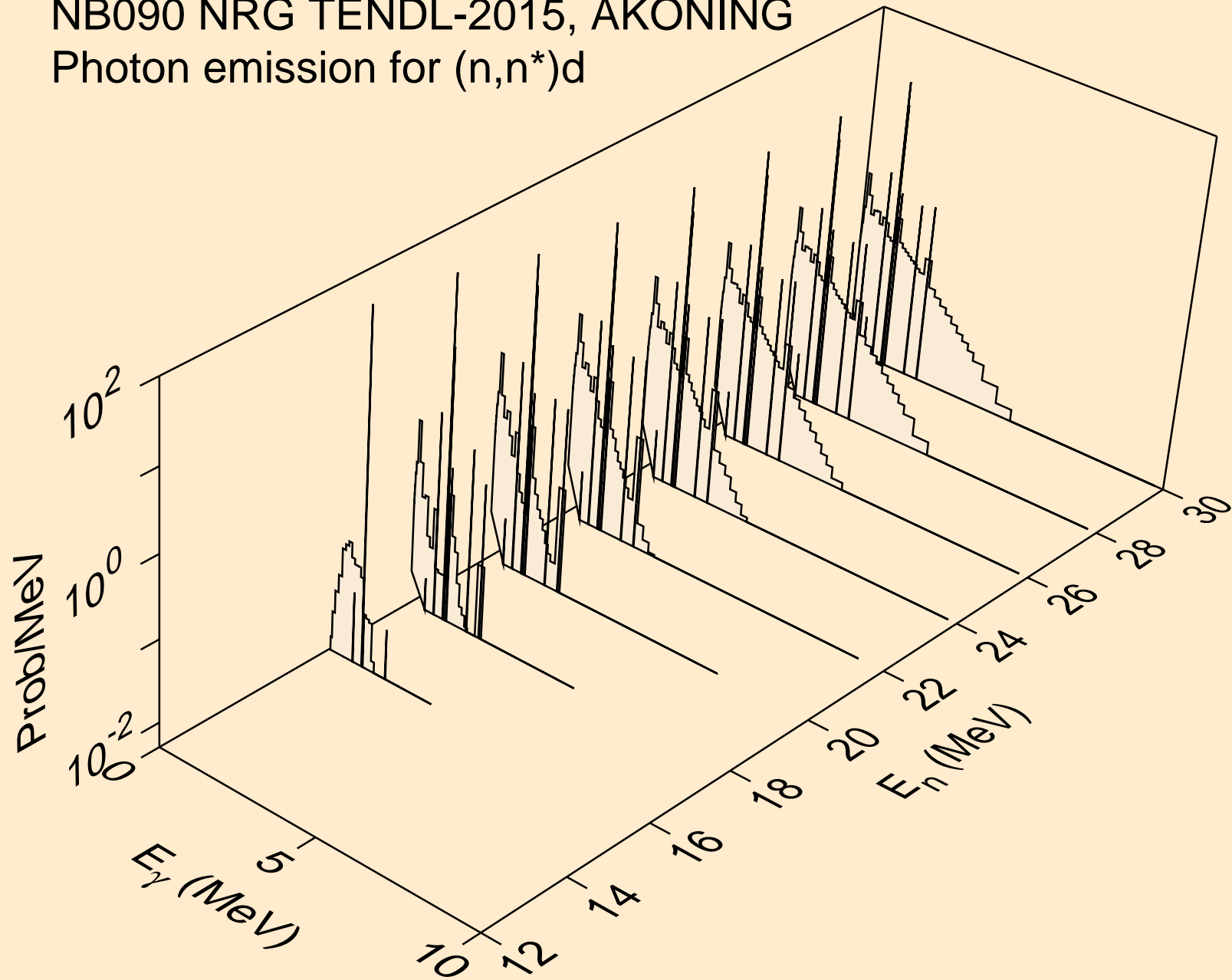
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



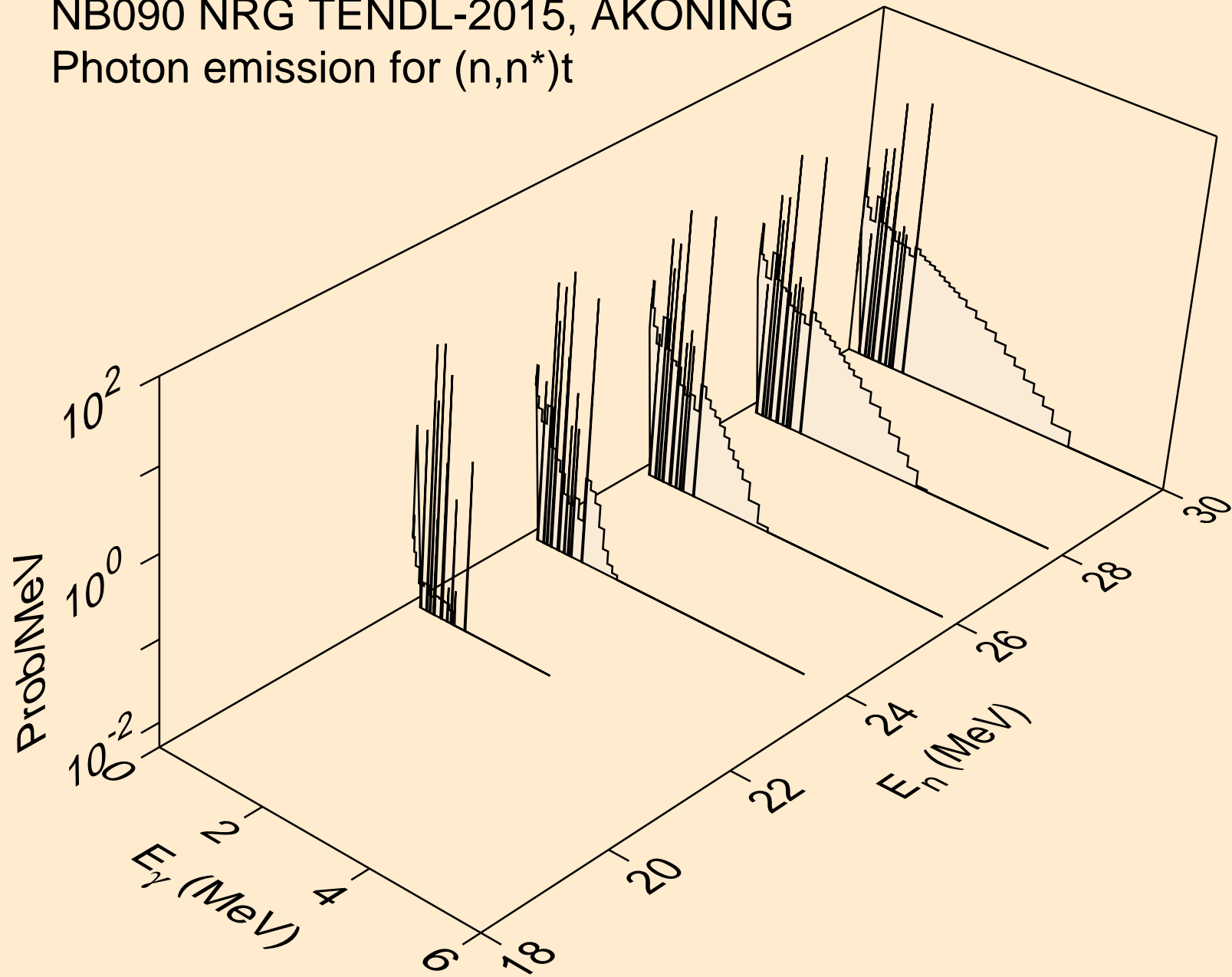
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



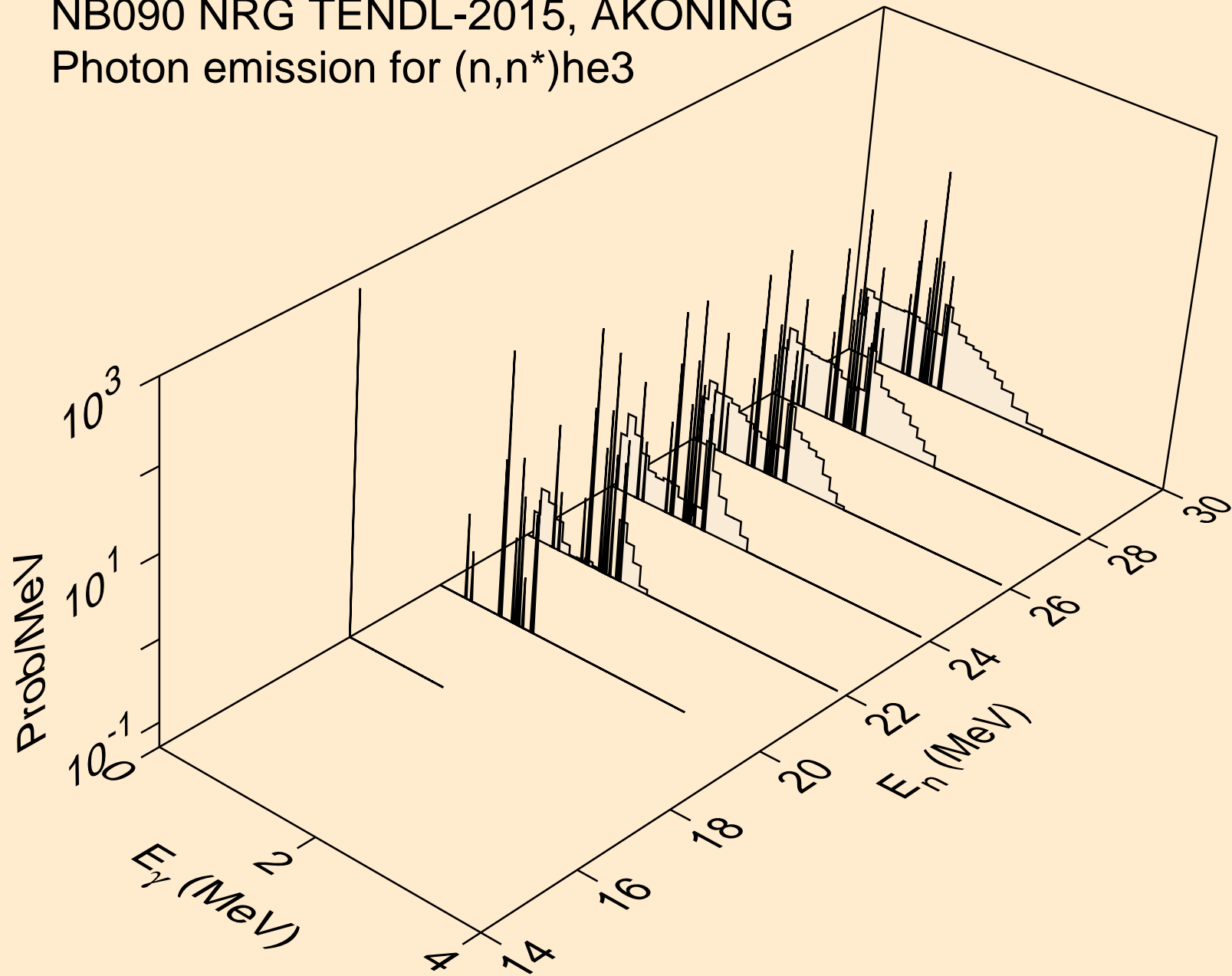
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



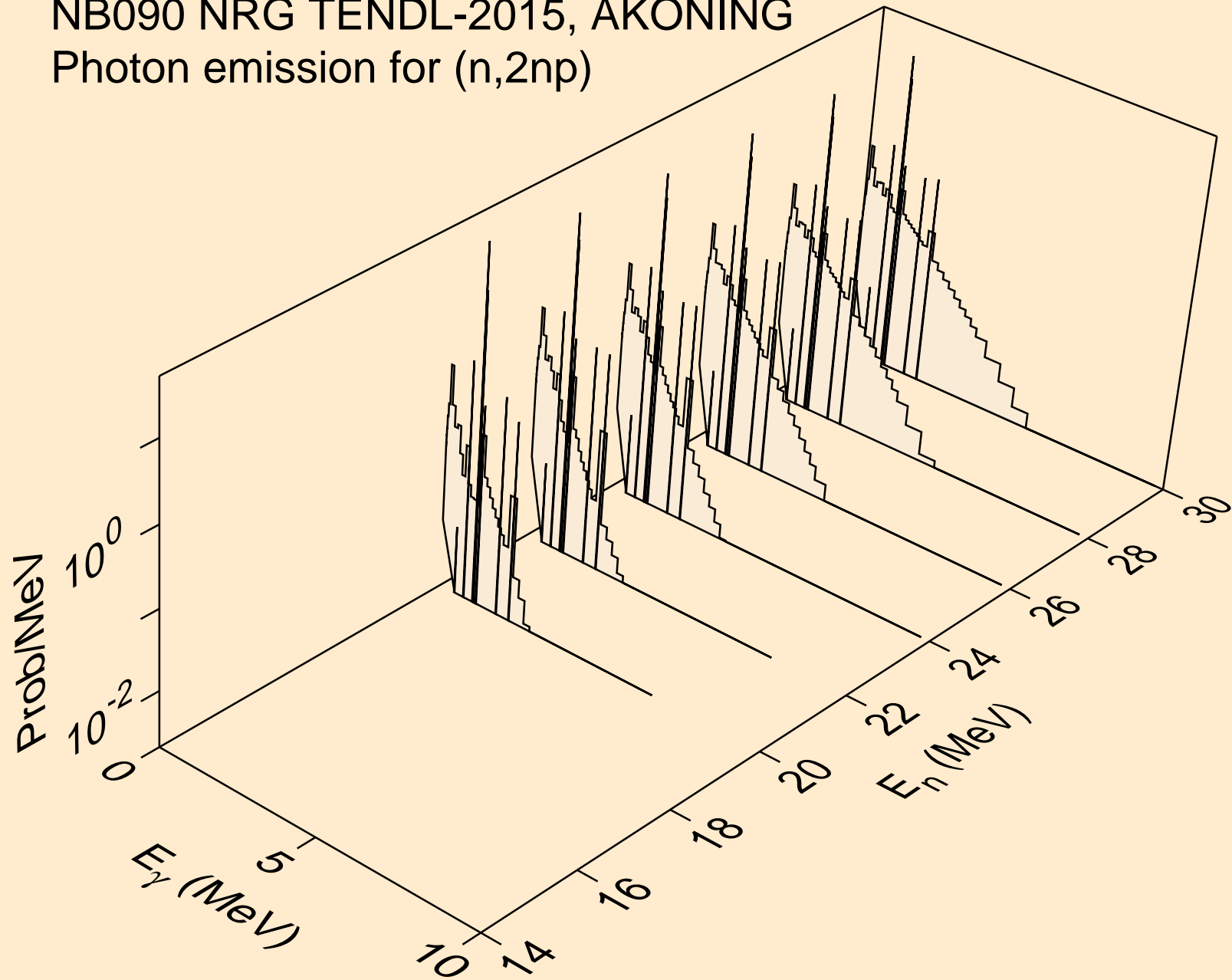
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

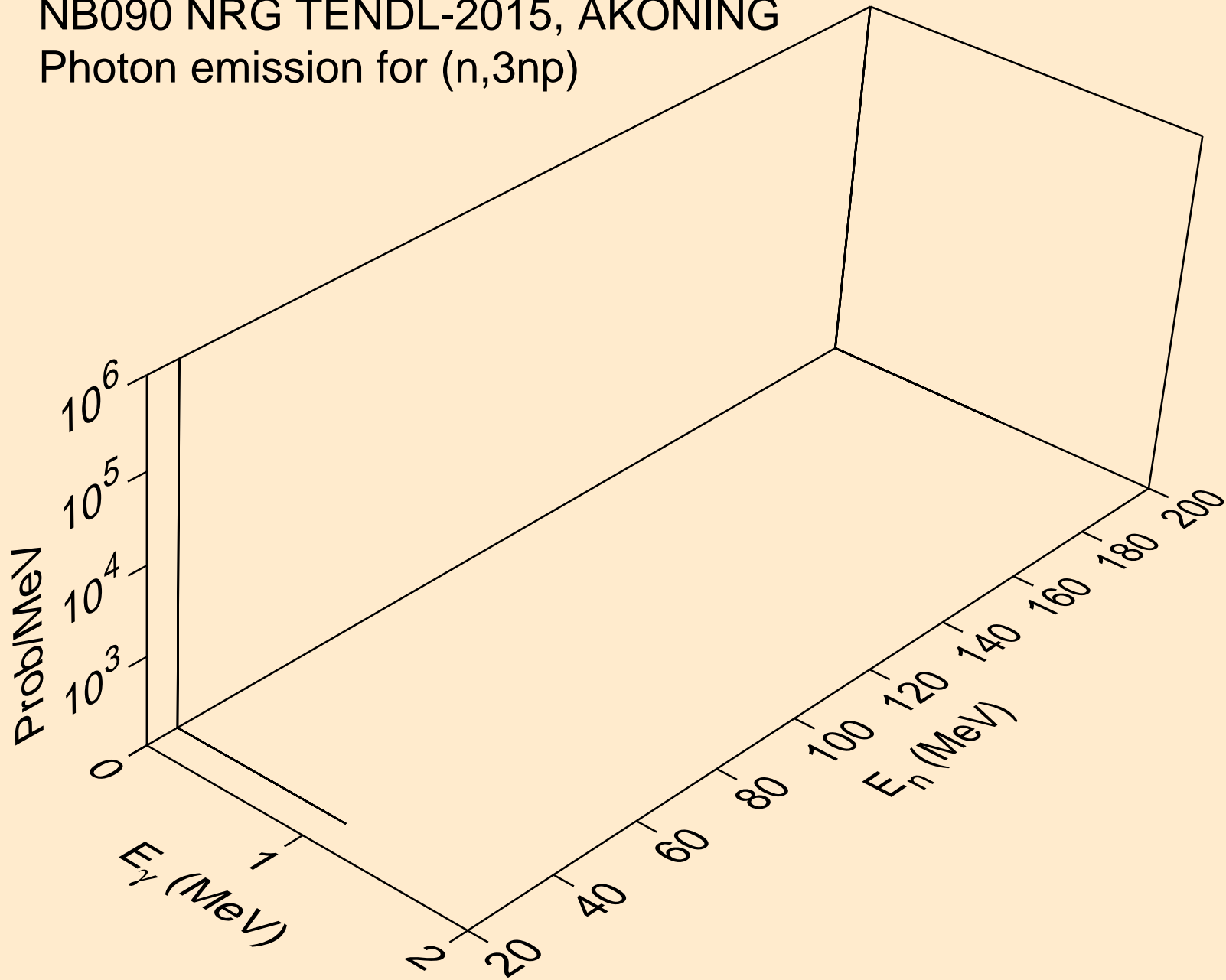


NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

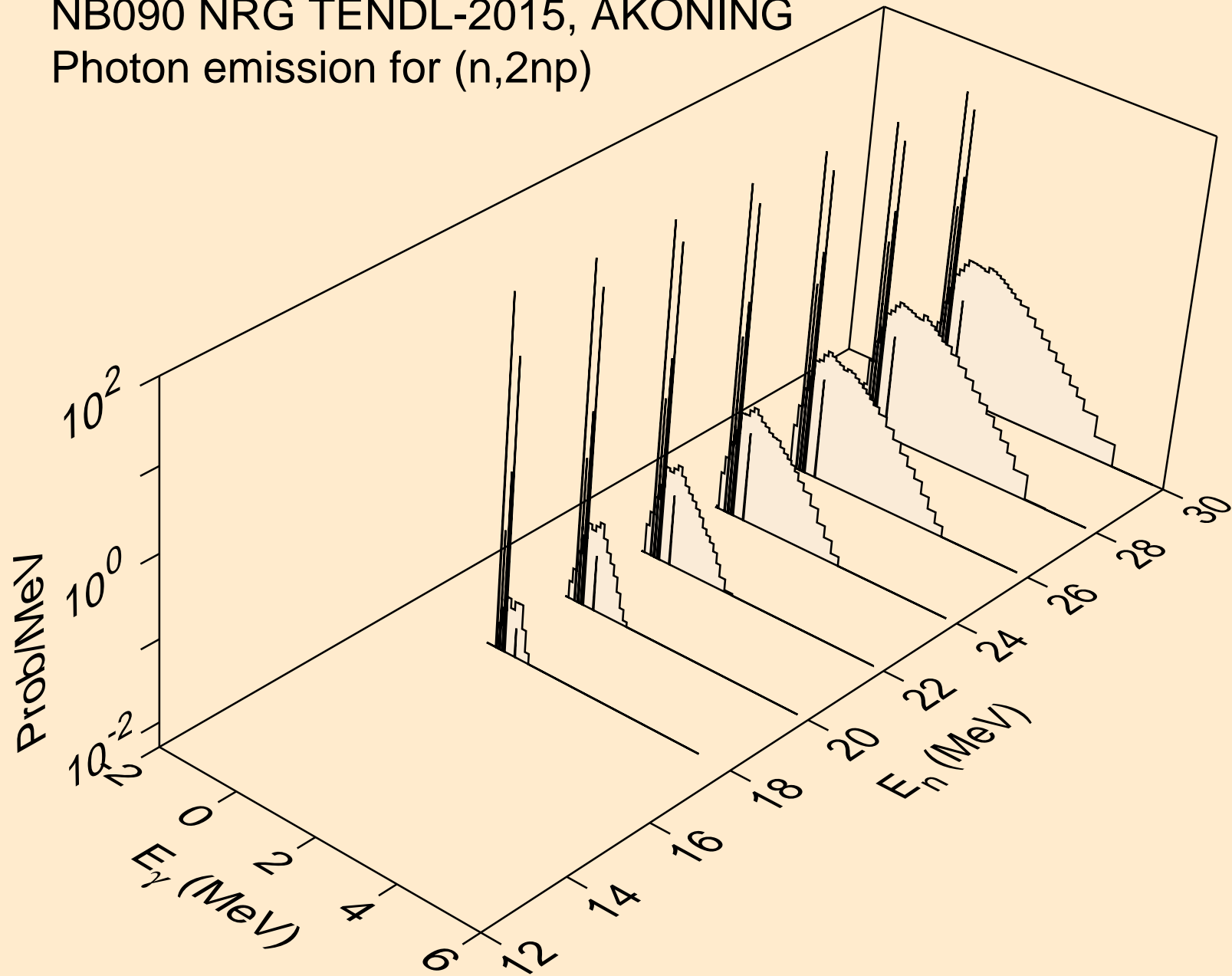




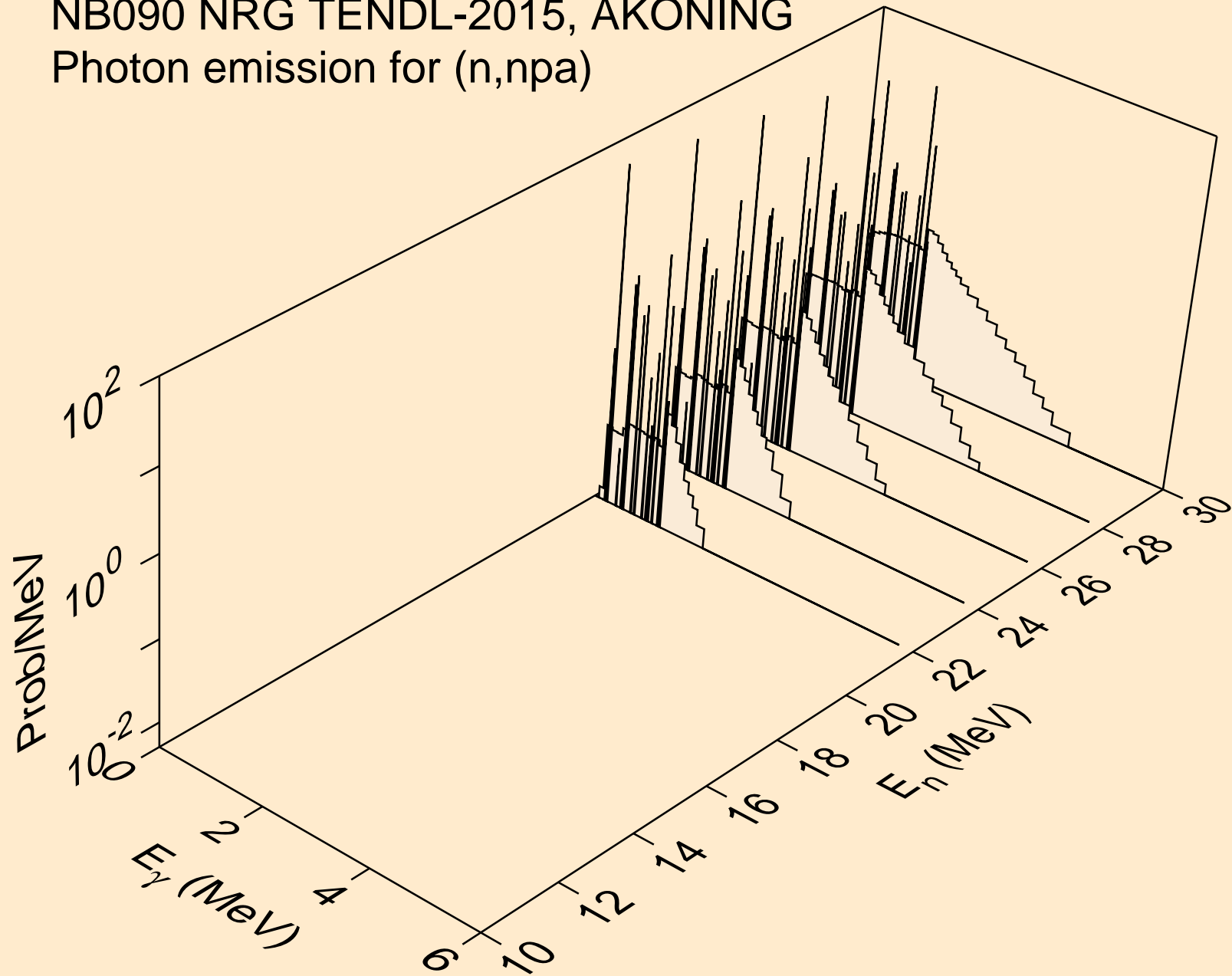
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



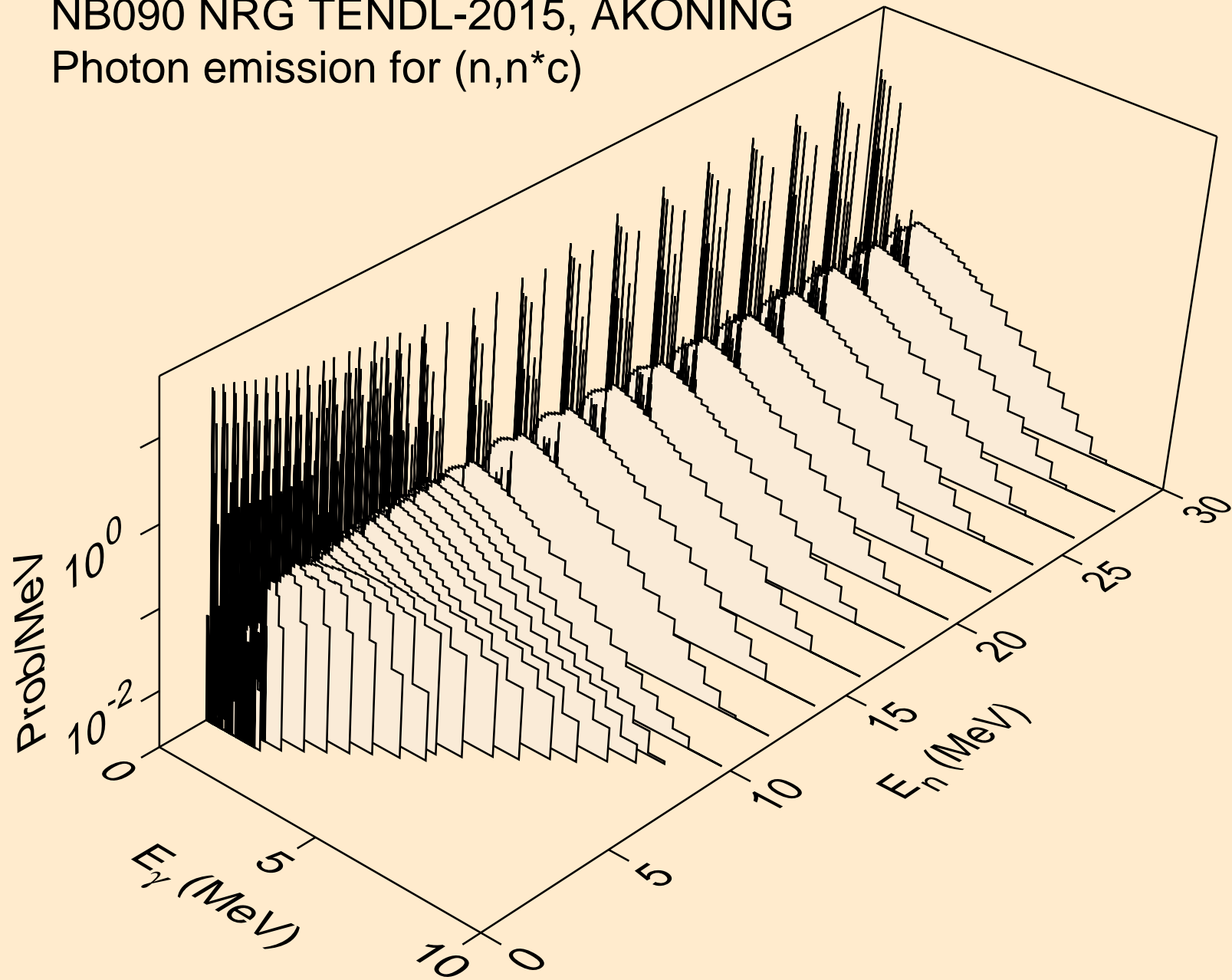
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



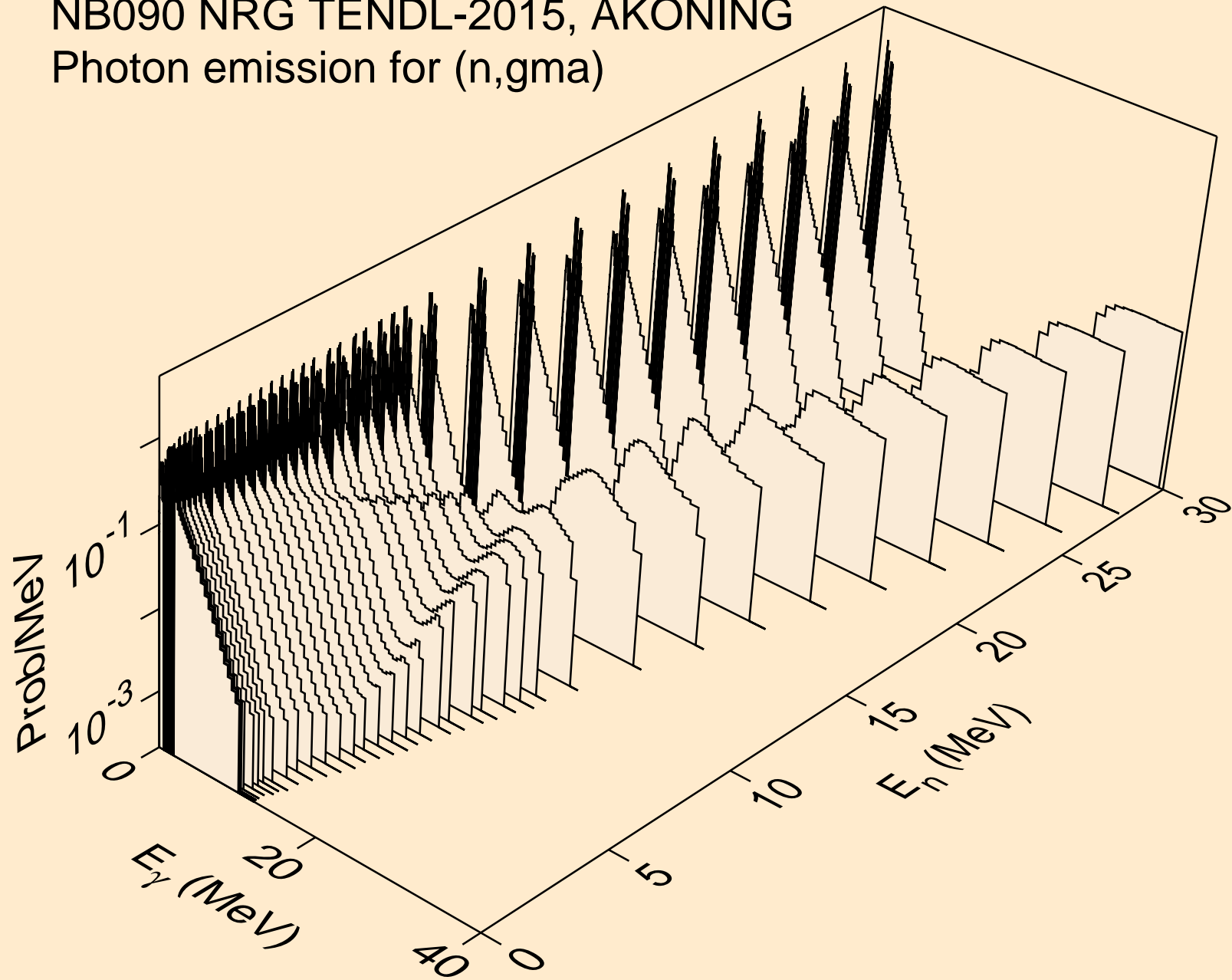
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



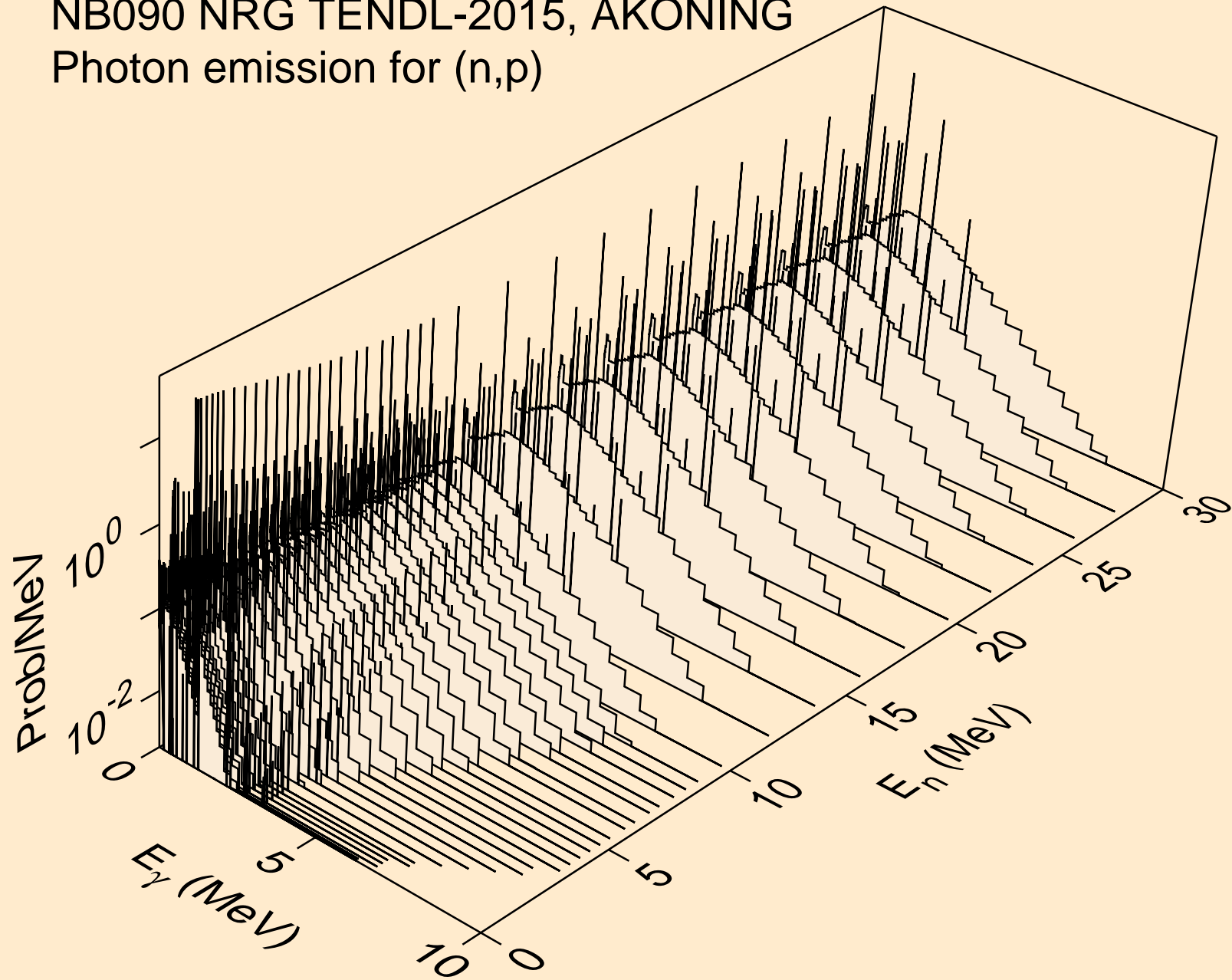
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



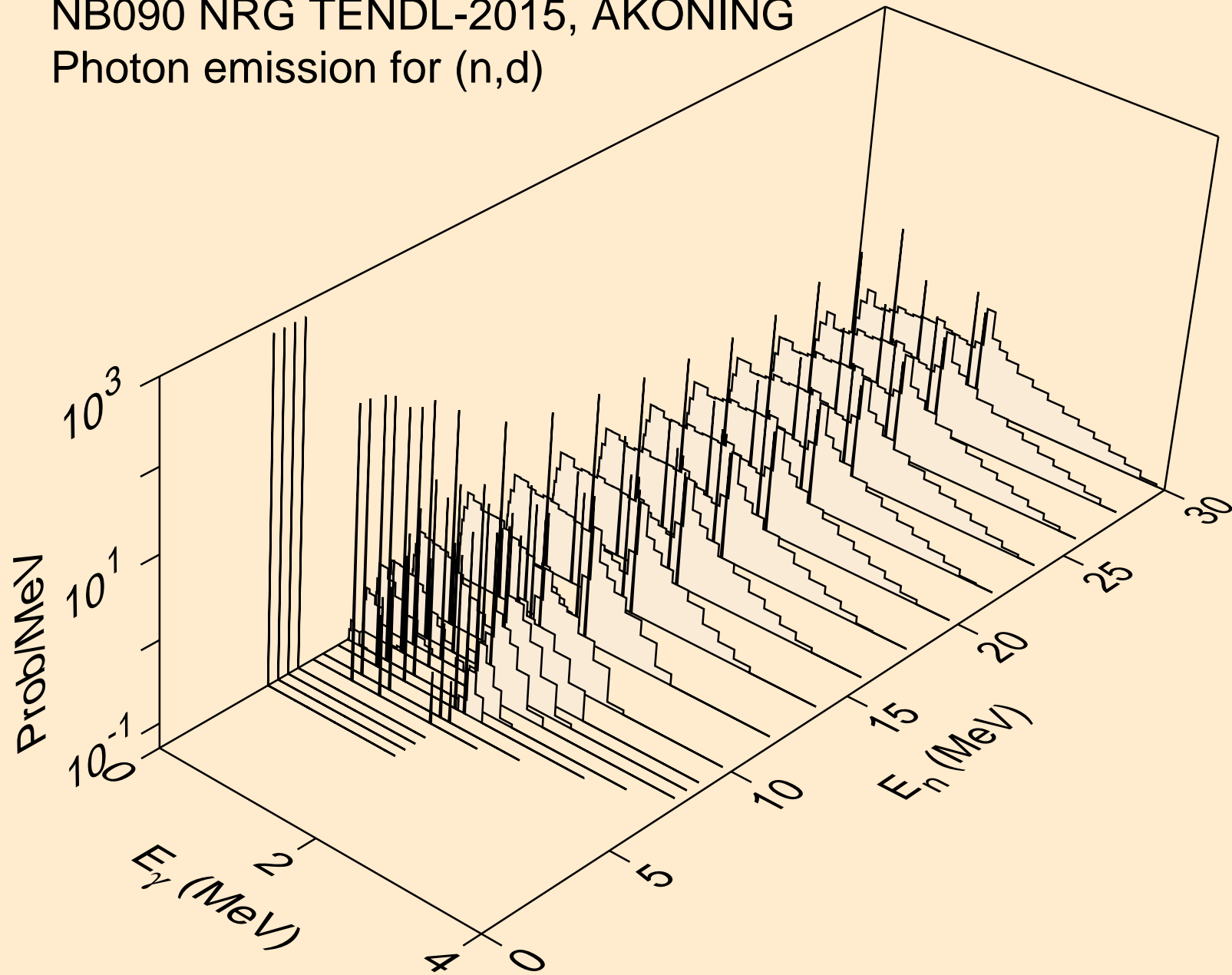
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



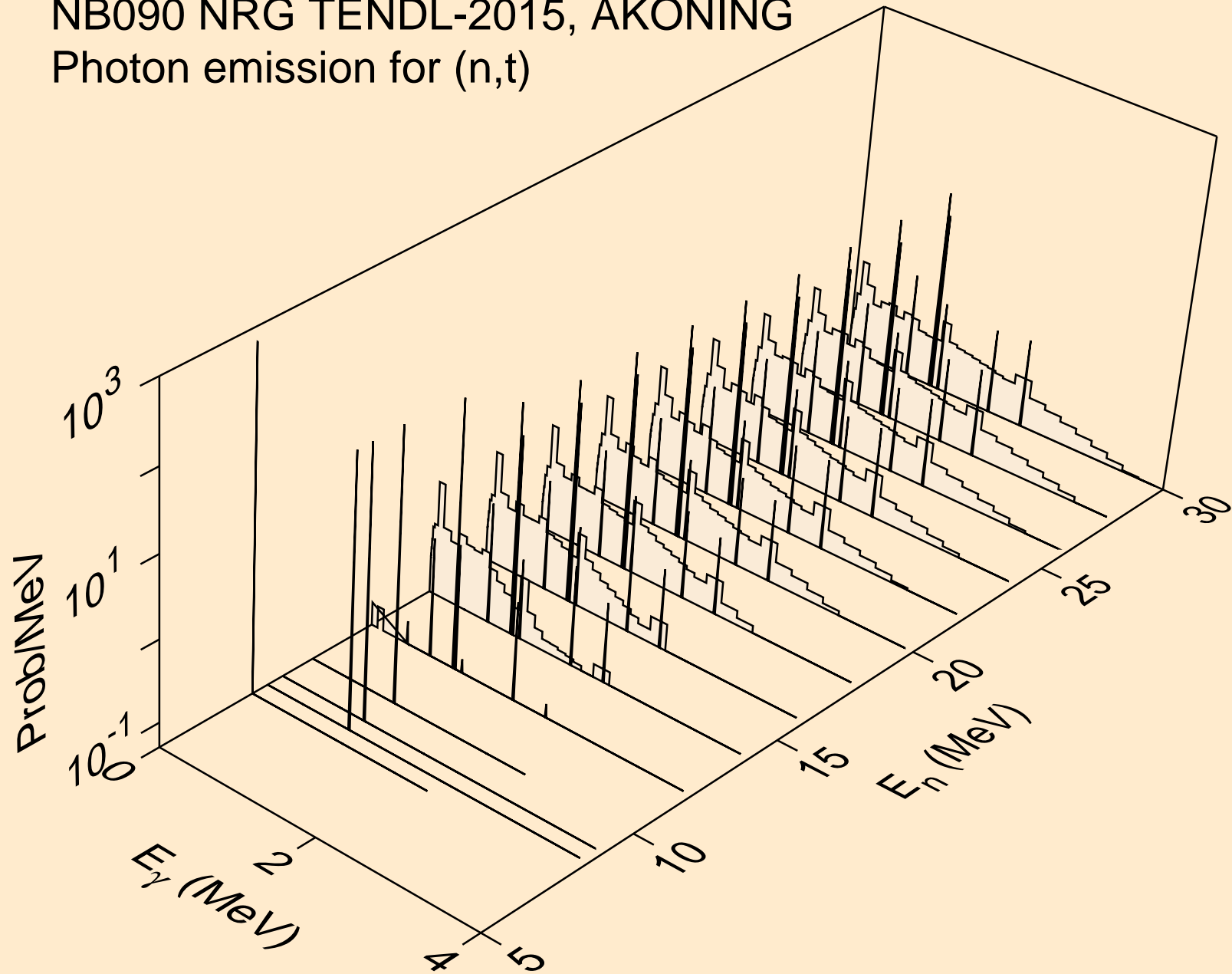
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

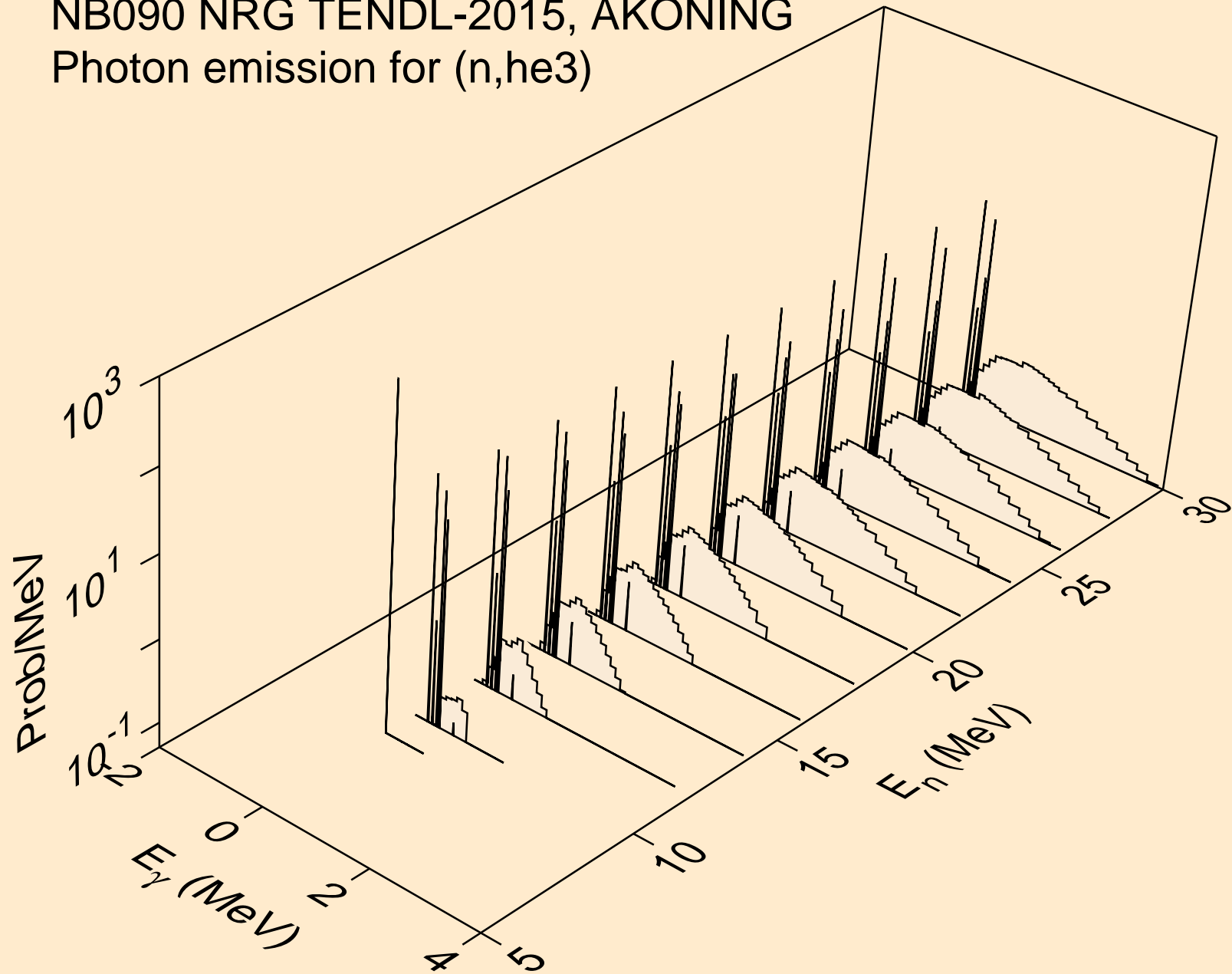


NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

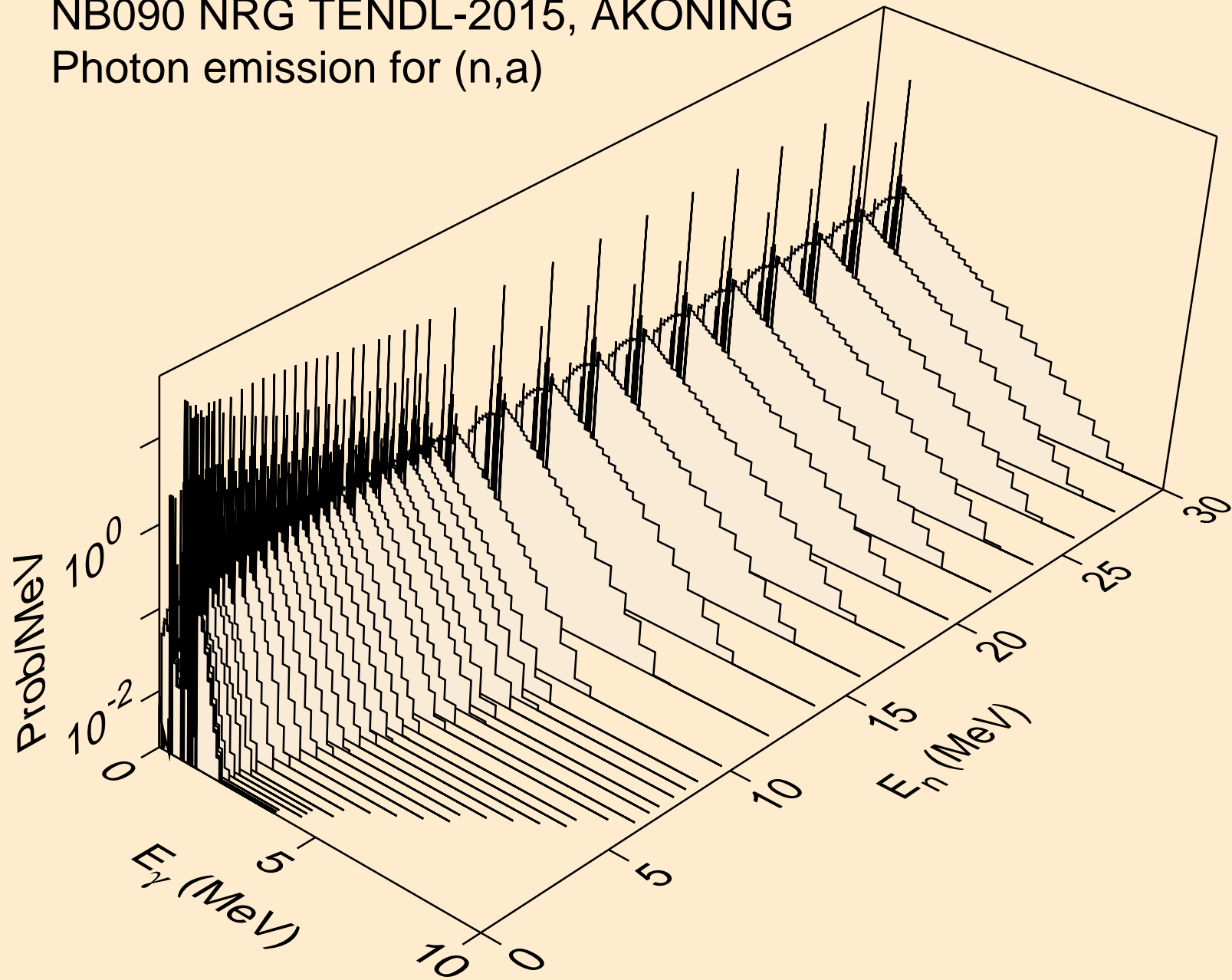




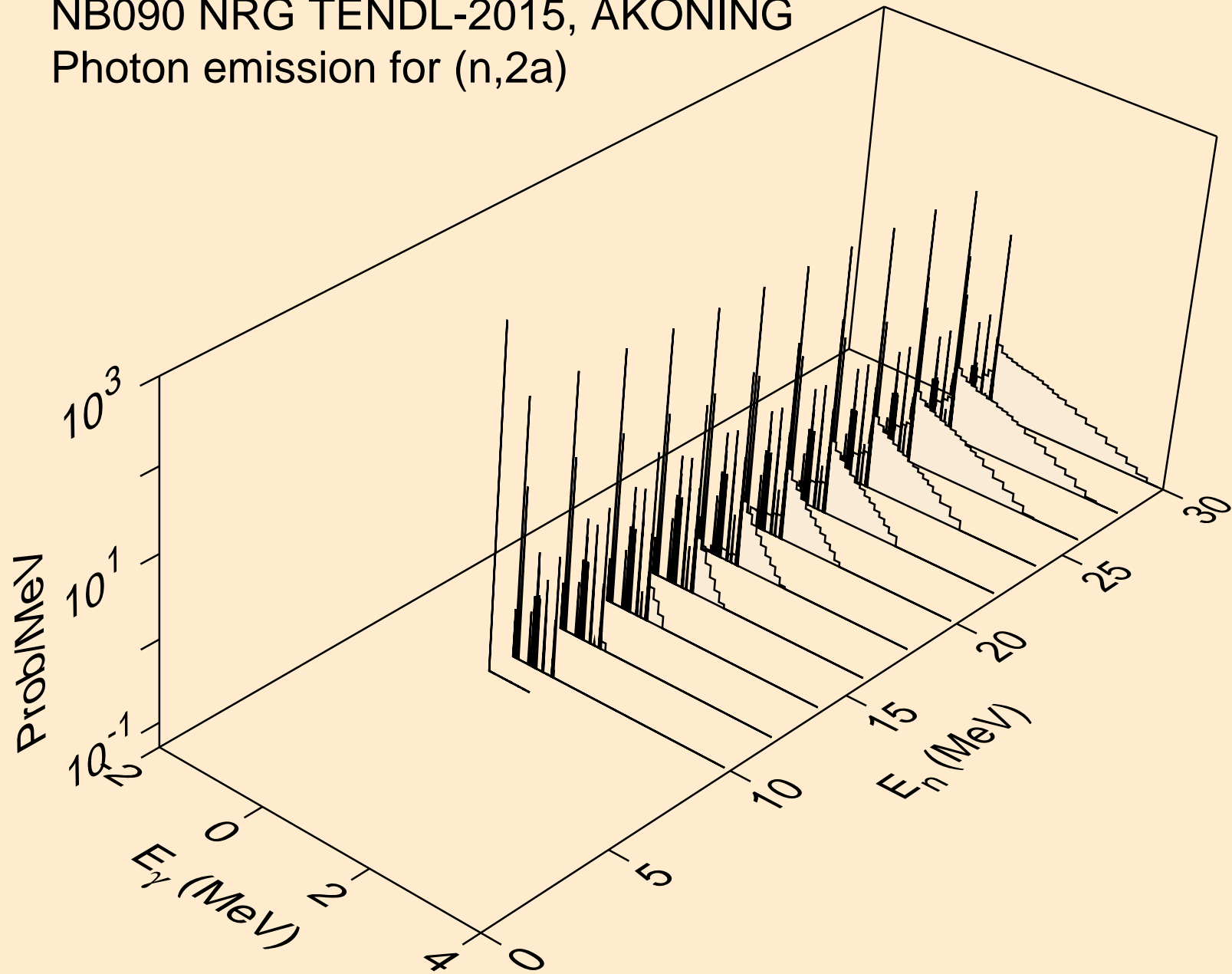
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Photon emission for (n,he3)



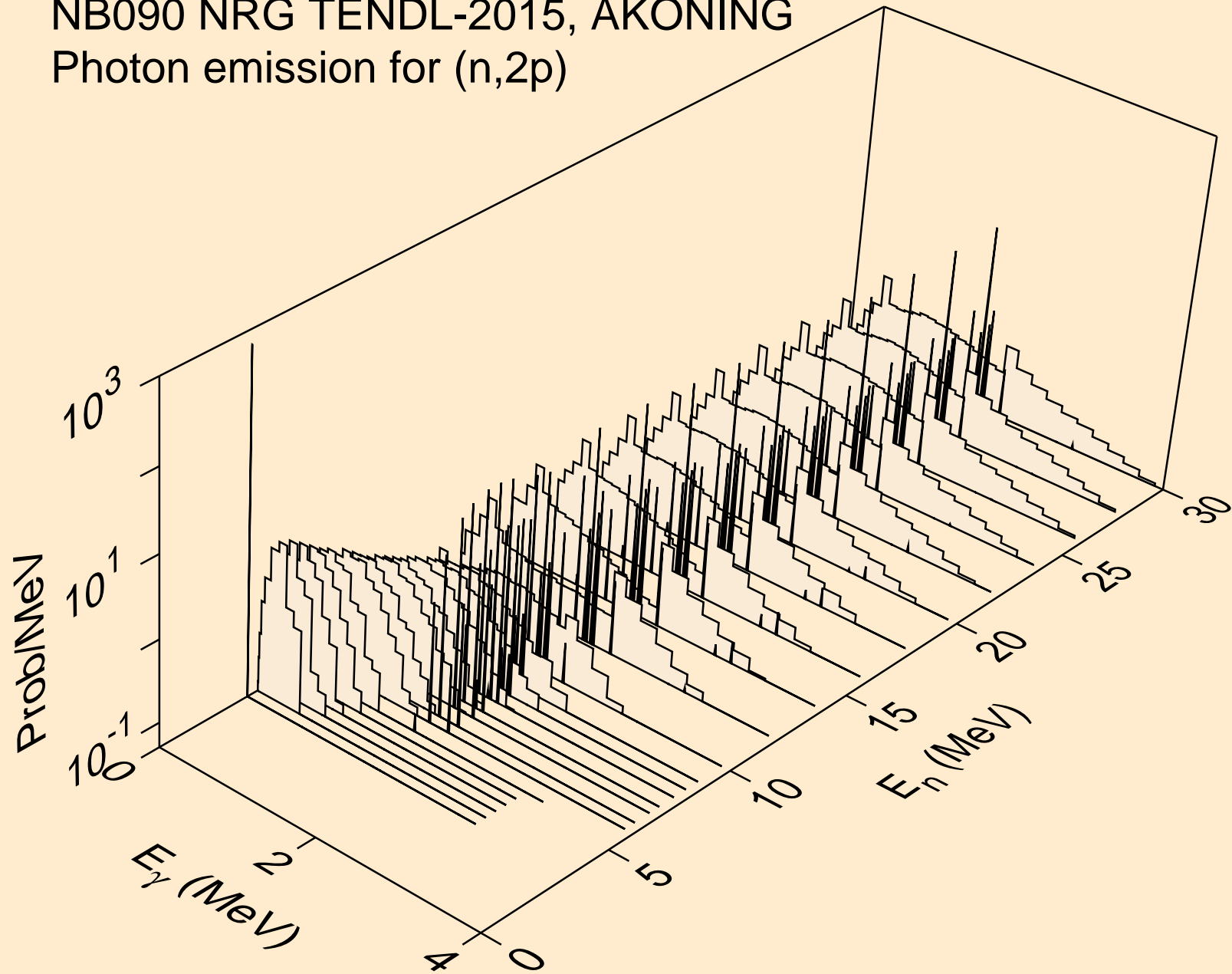
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



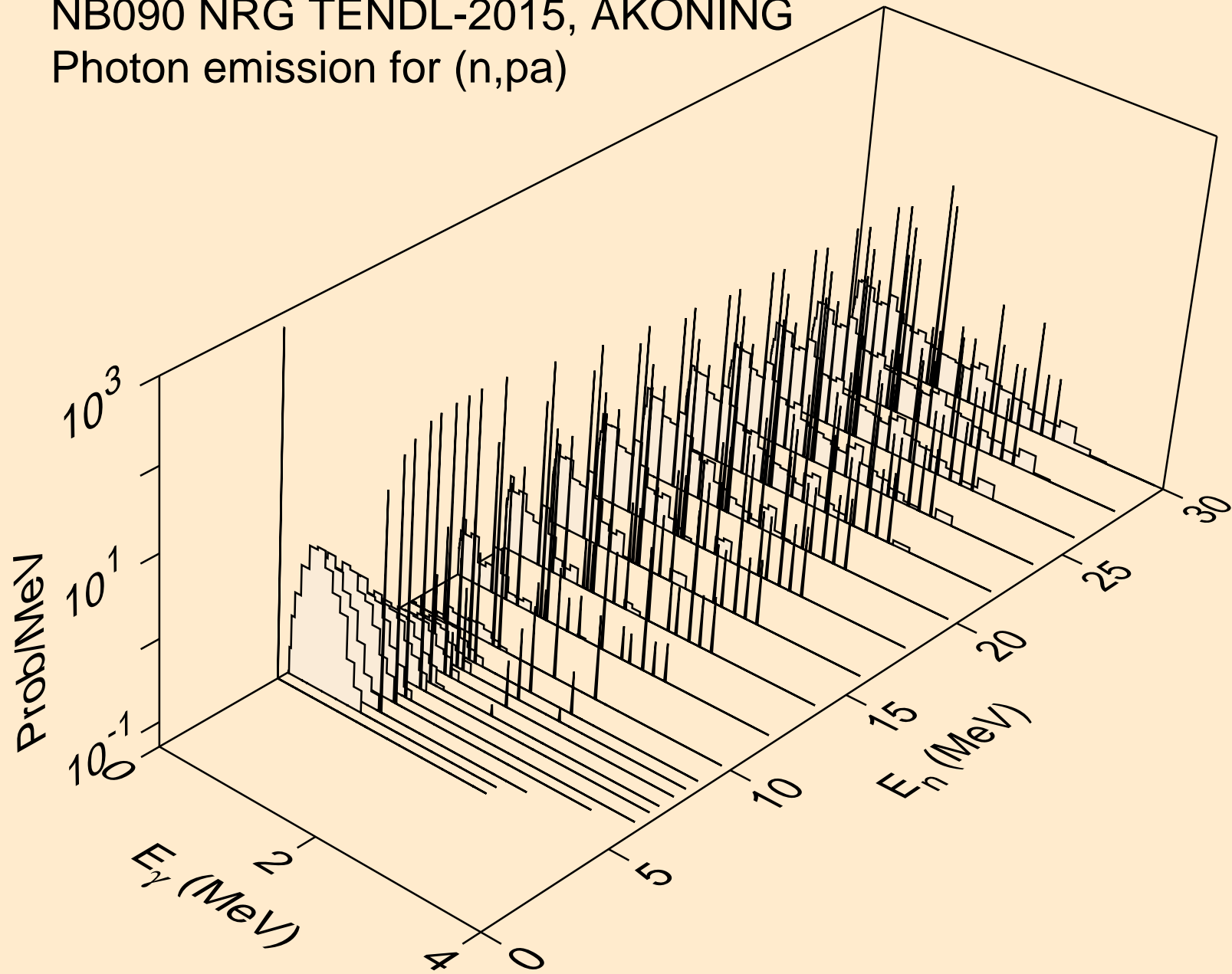
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Photon emission for (n,2a)



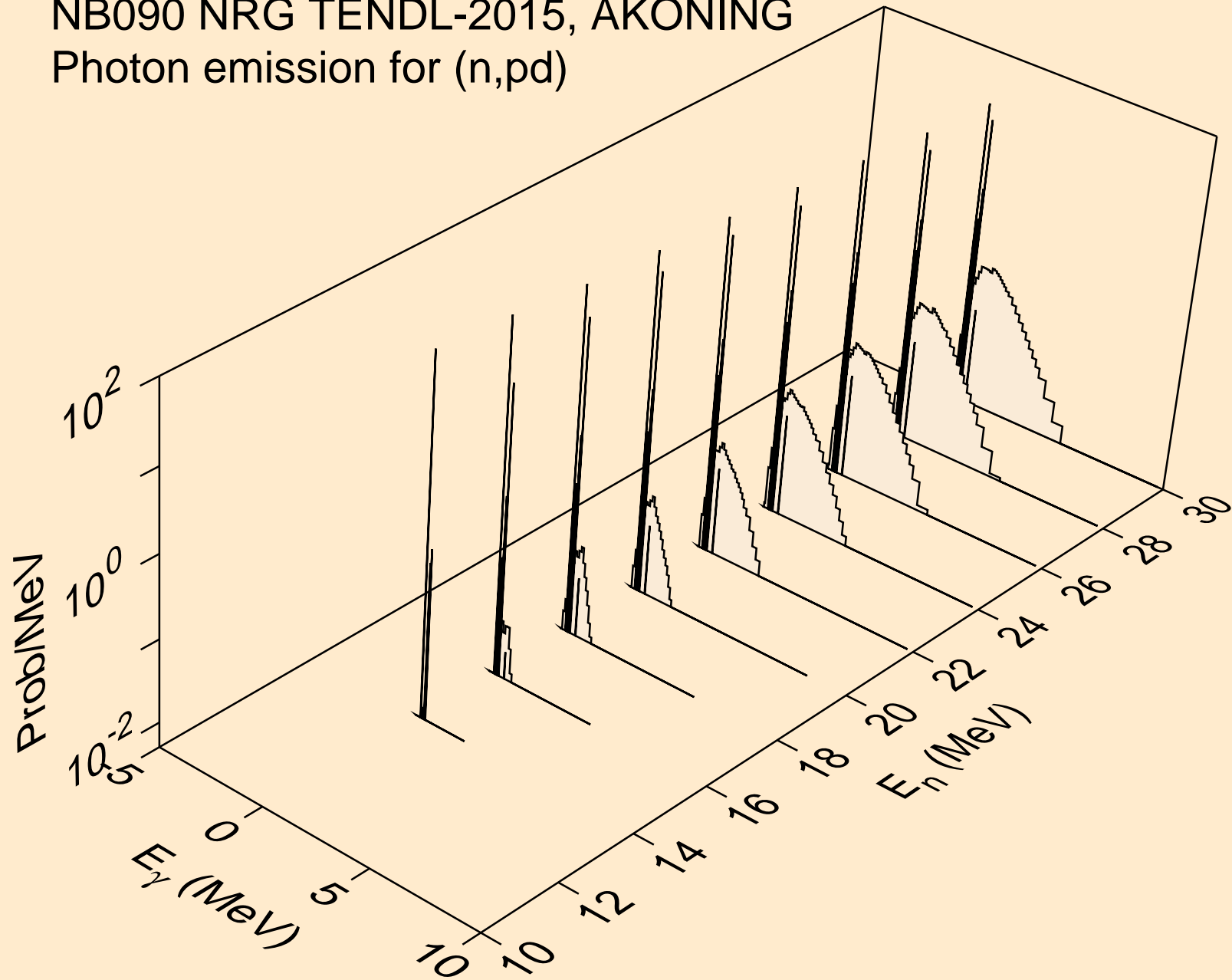
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Photon emission for (n,2p)



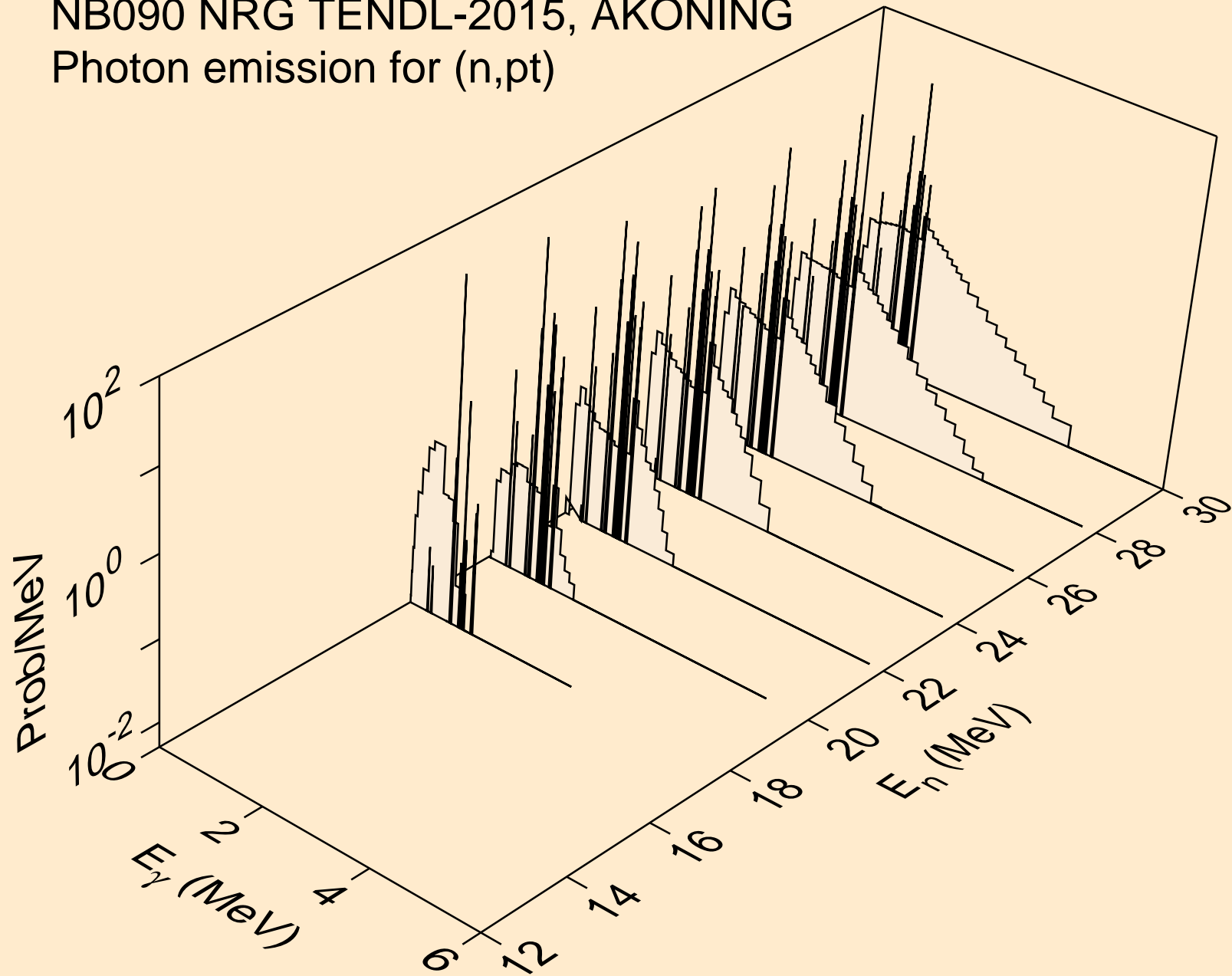
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



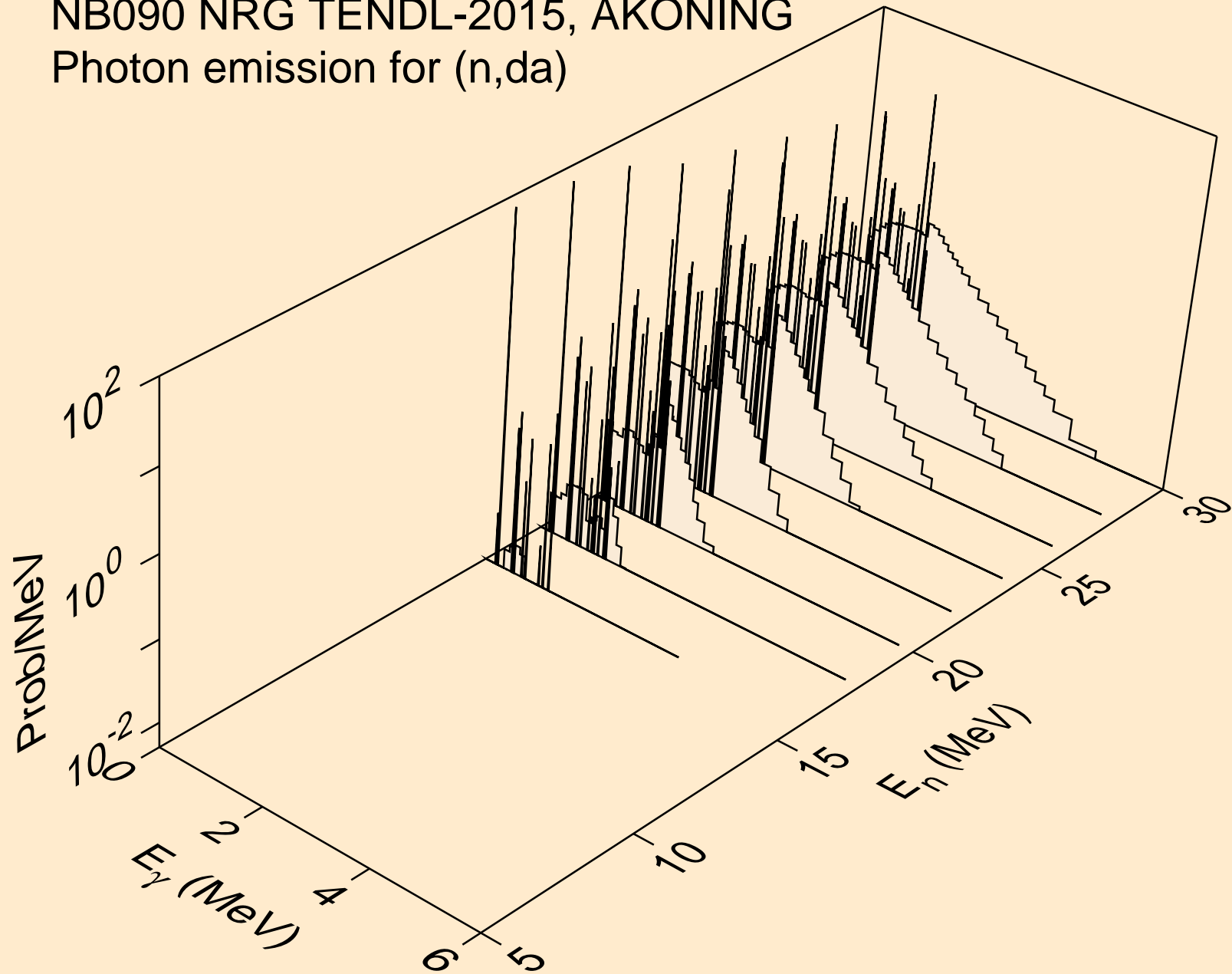
NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

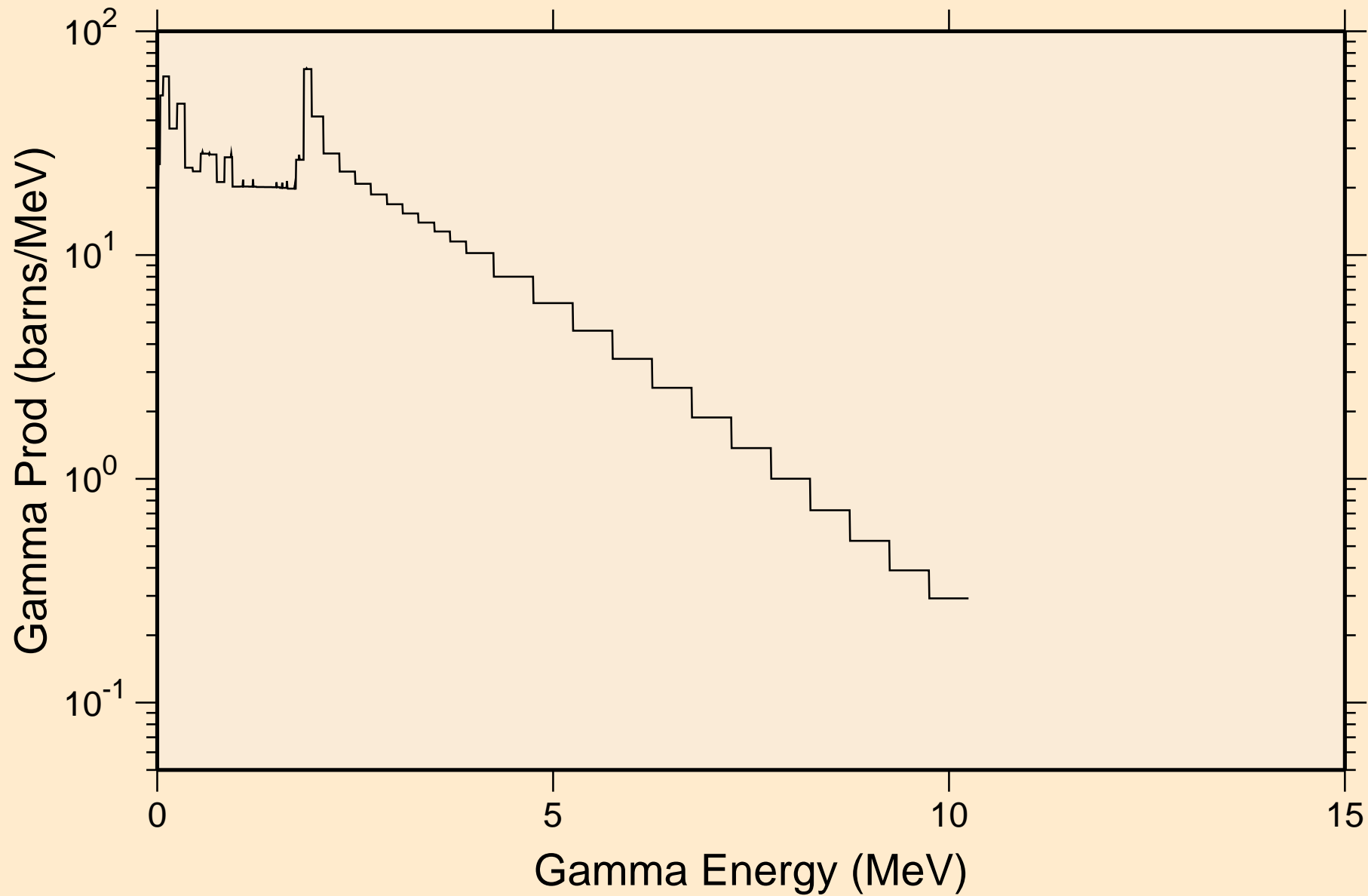


NB090 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

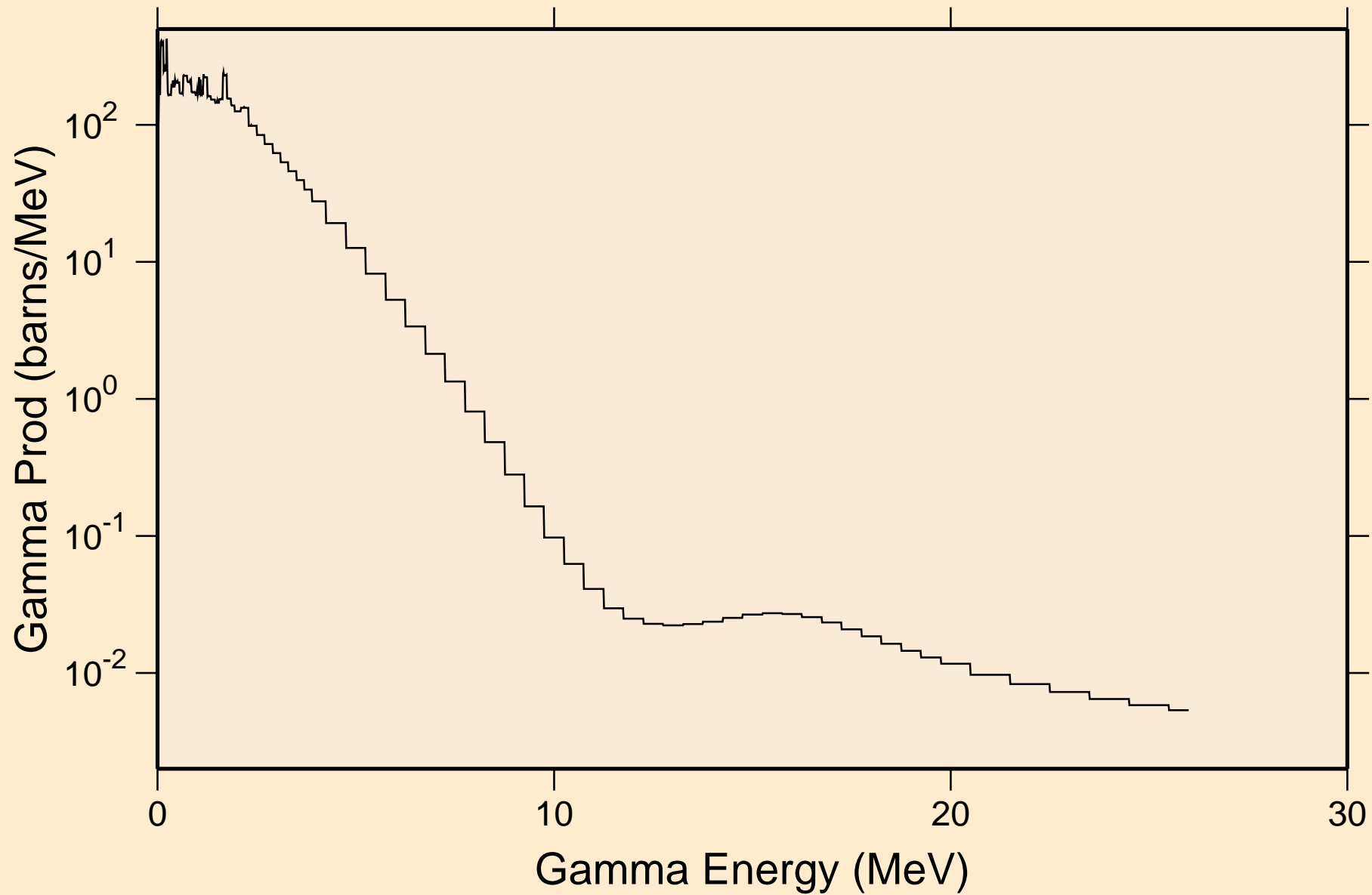




NB090 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

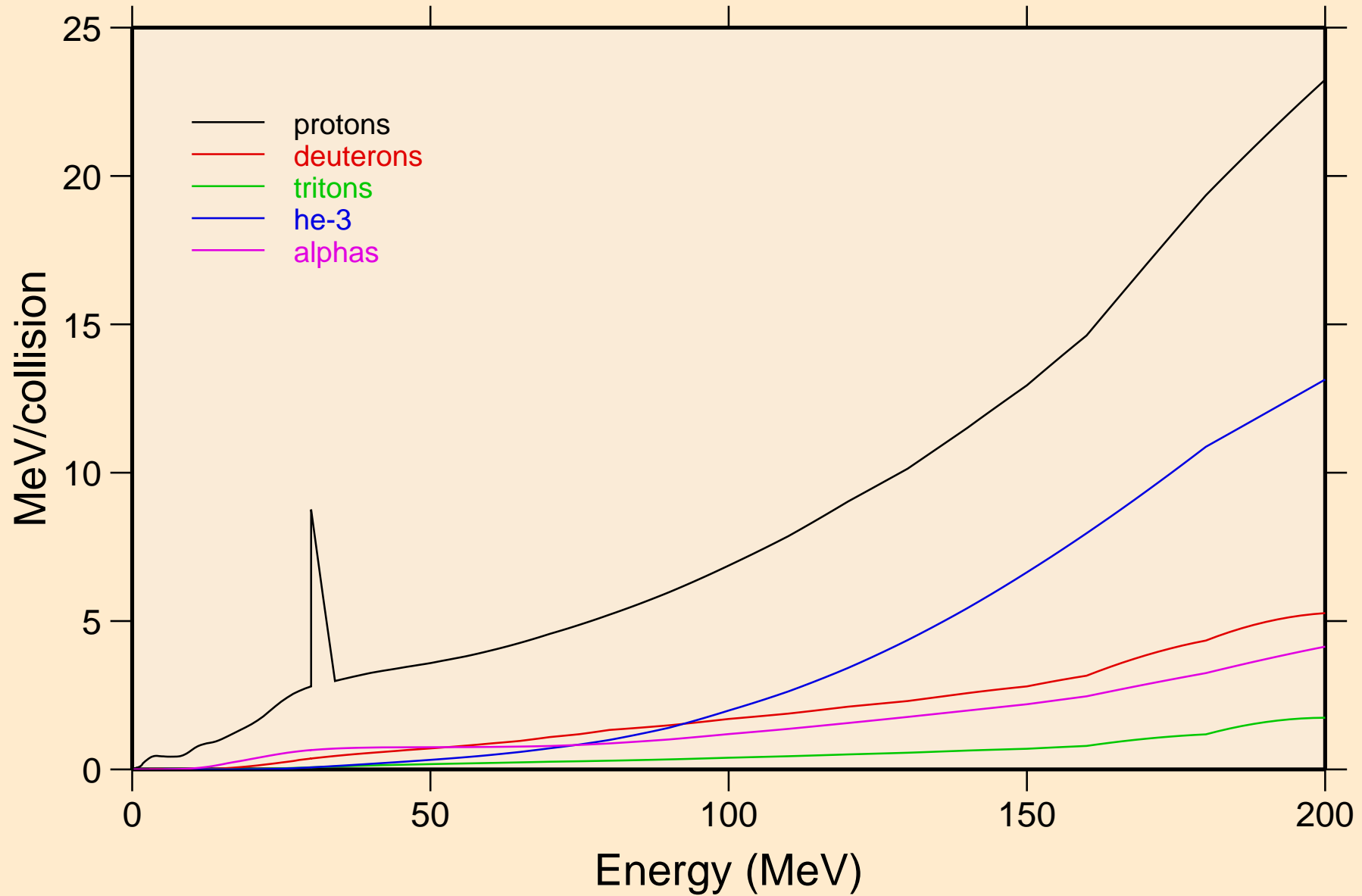


NB090 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



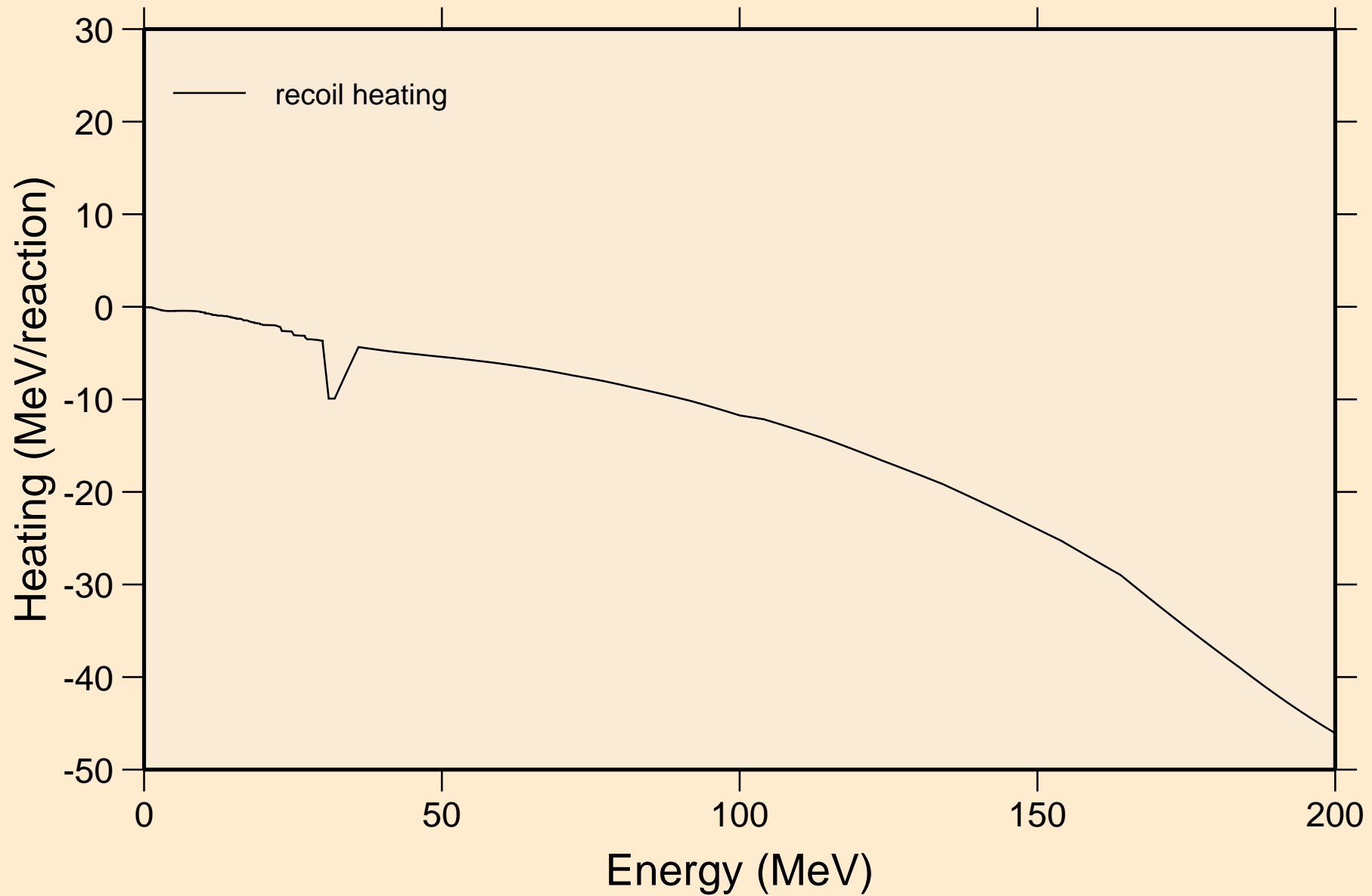
# NB090 NRG TENDL-2015, AKONING

## Particle heating contributions



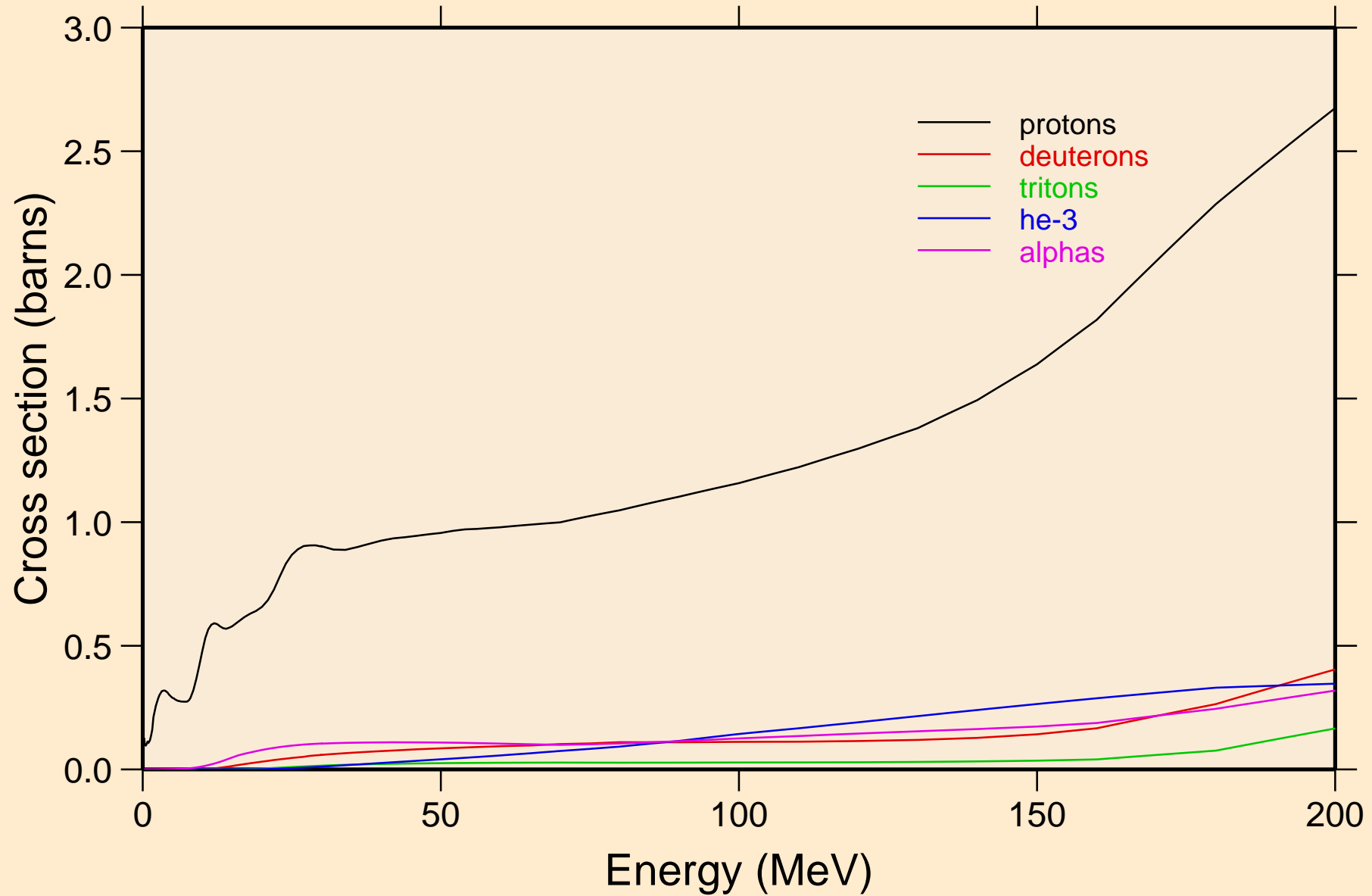
# NB090 NRG TENDL-2015, AKONING

## Recoil Heating

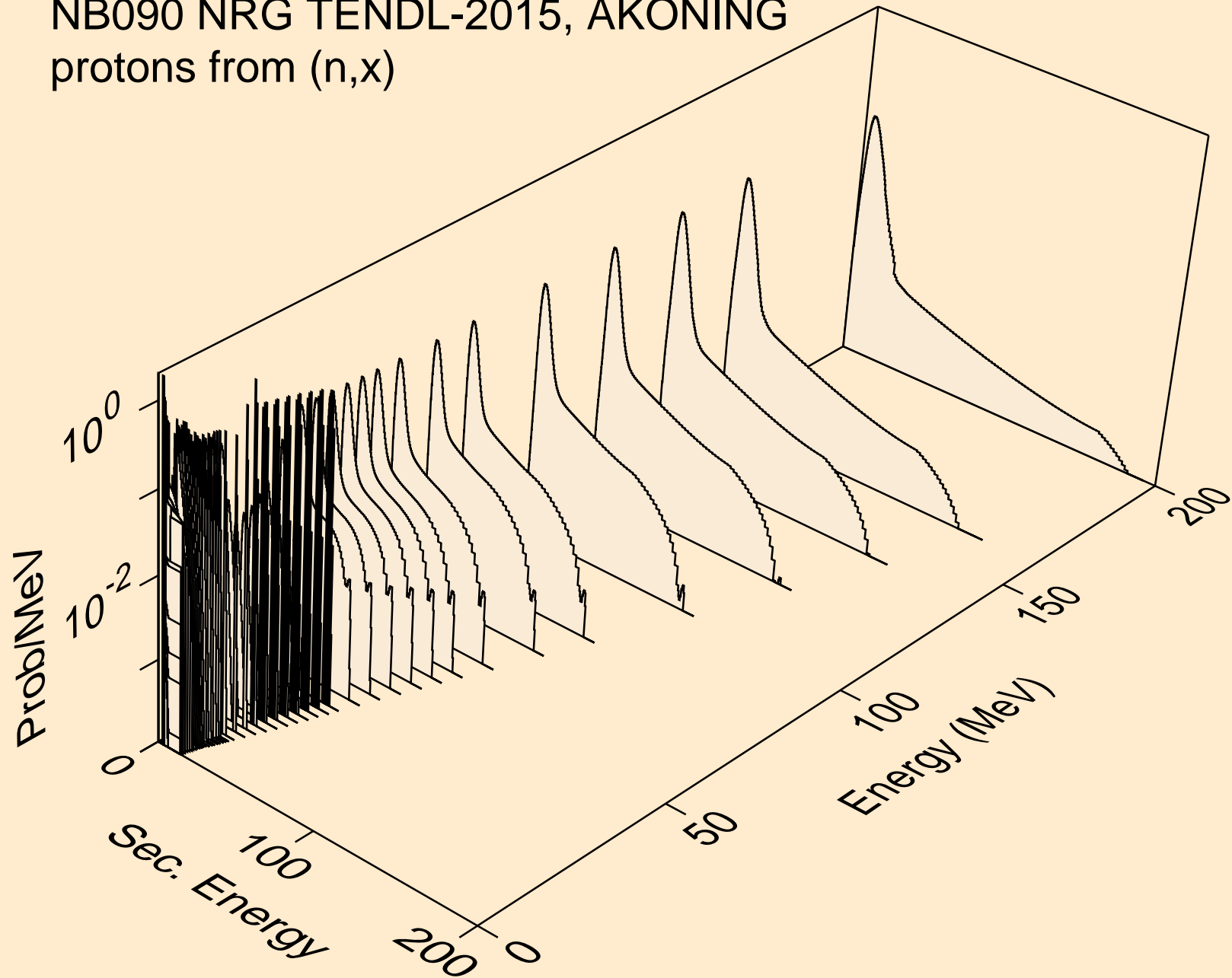


# NB090 NRG TENDL-2015, AKONING

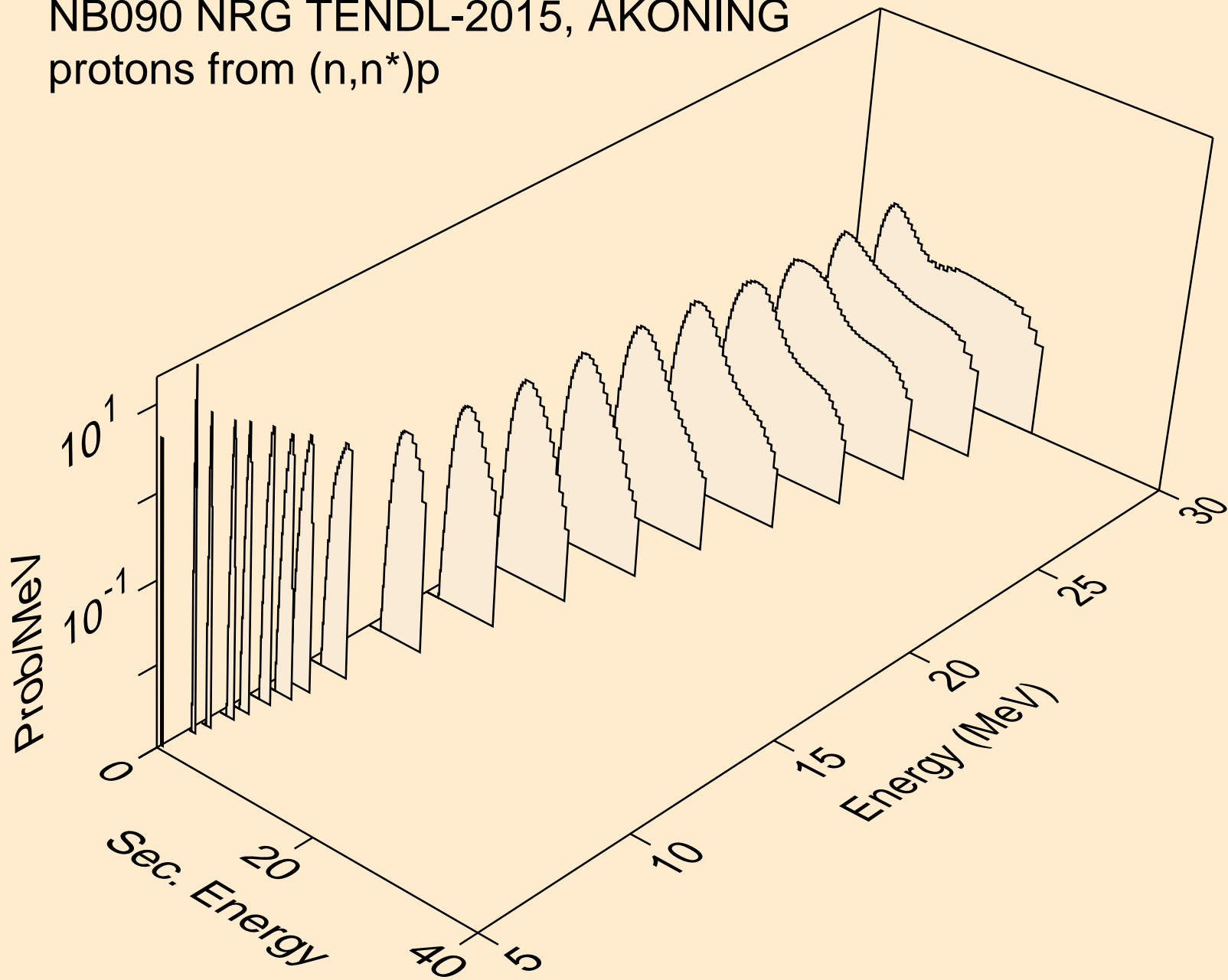
## Particle production cross sections



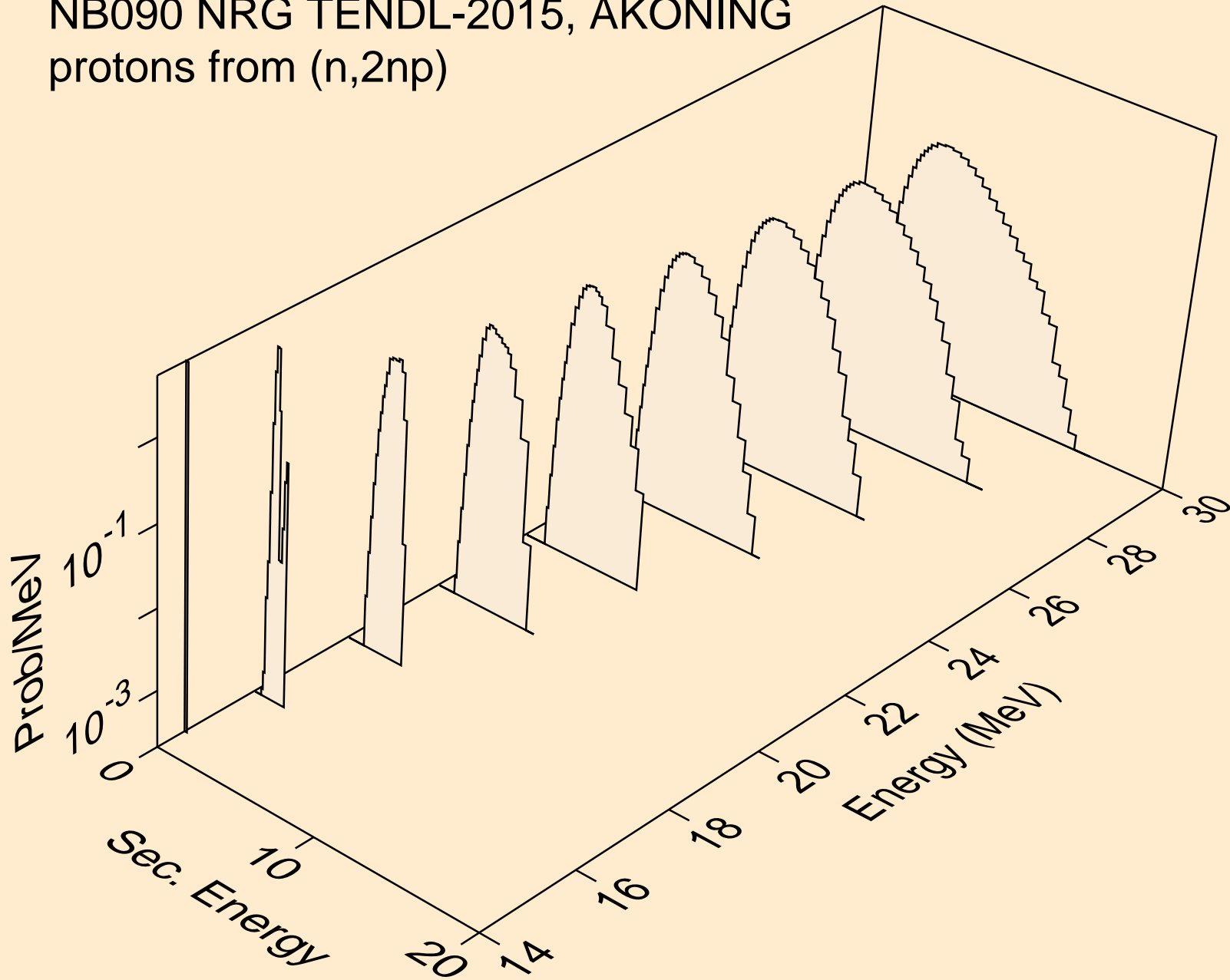
NB090 NRG TENDL-2015, AKONING  
protons from (n,x)



NB090 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

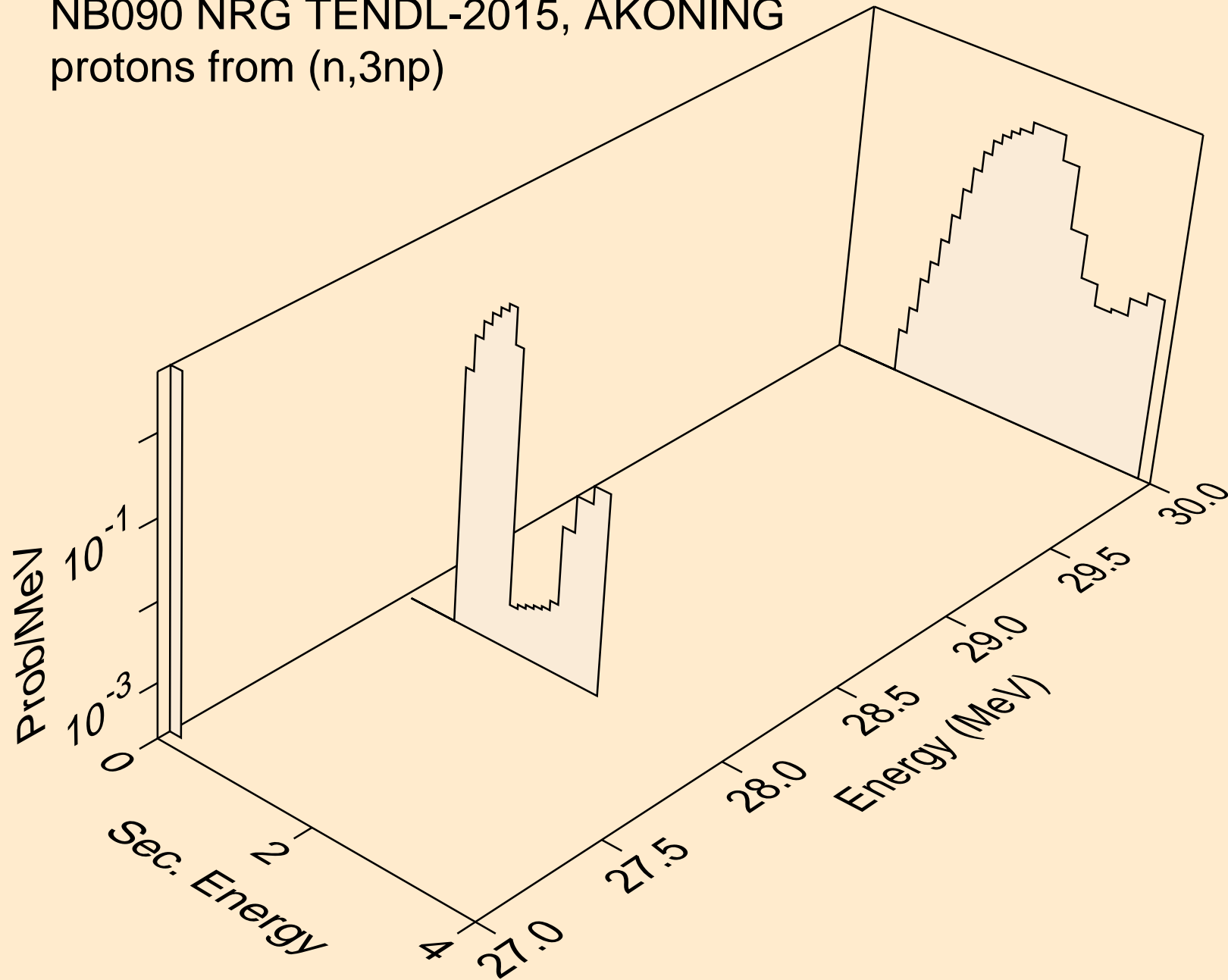


NB090 NRG TENDL-2015, AKONING  
protons from (n,2np)

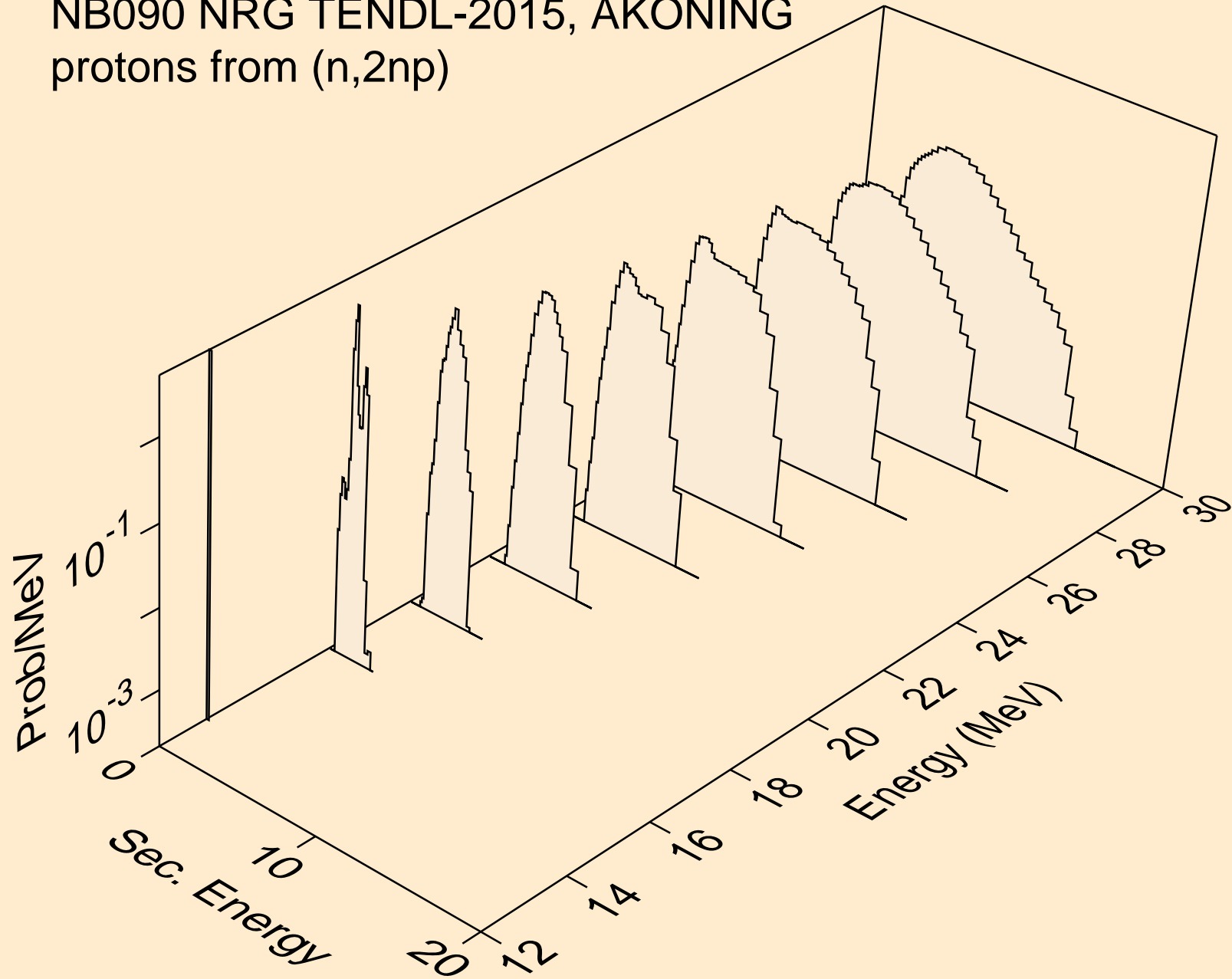




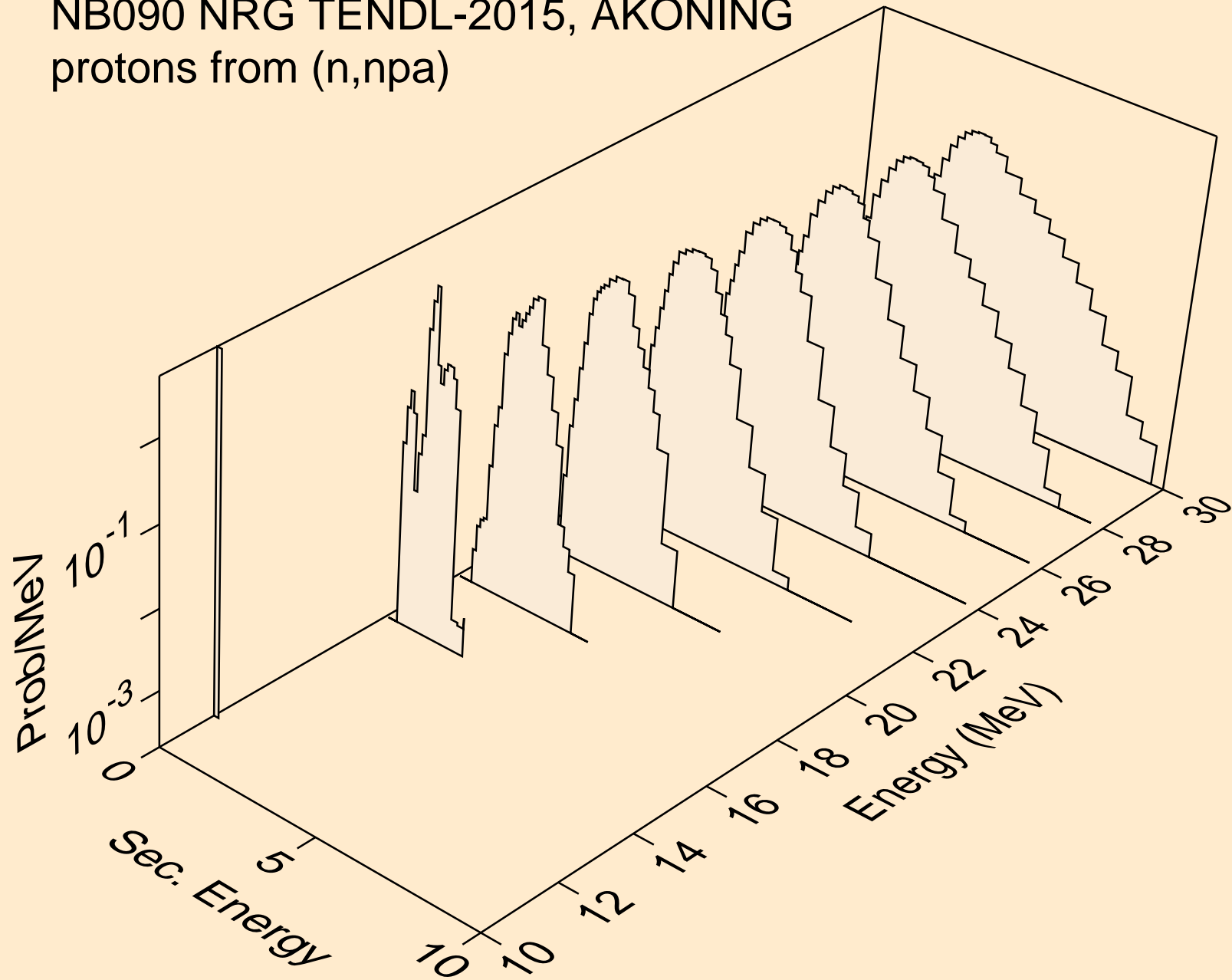
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protons from (n,3np)



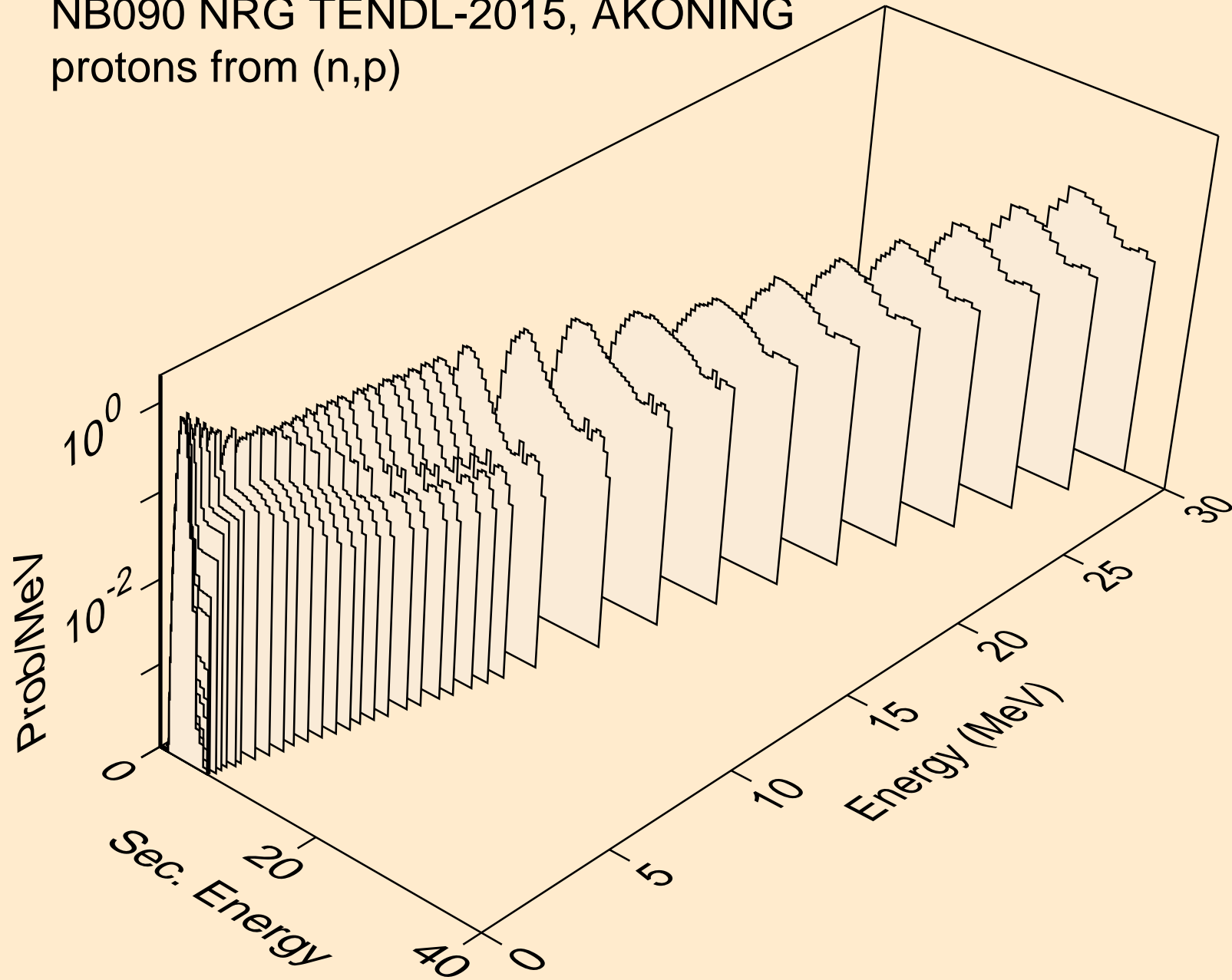
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protons from (n,2np)



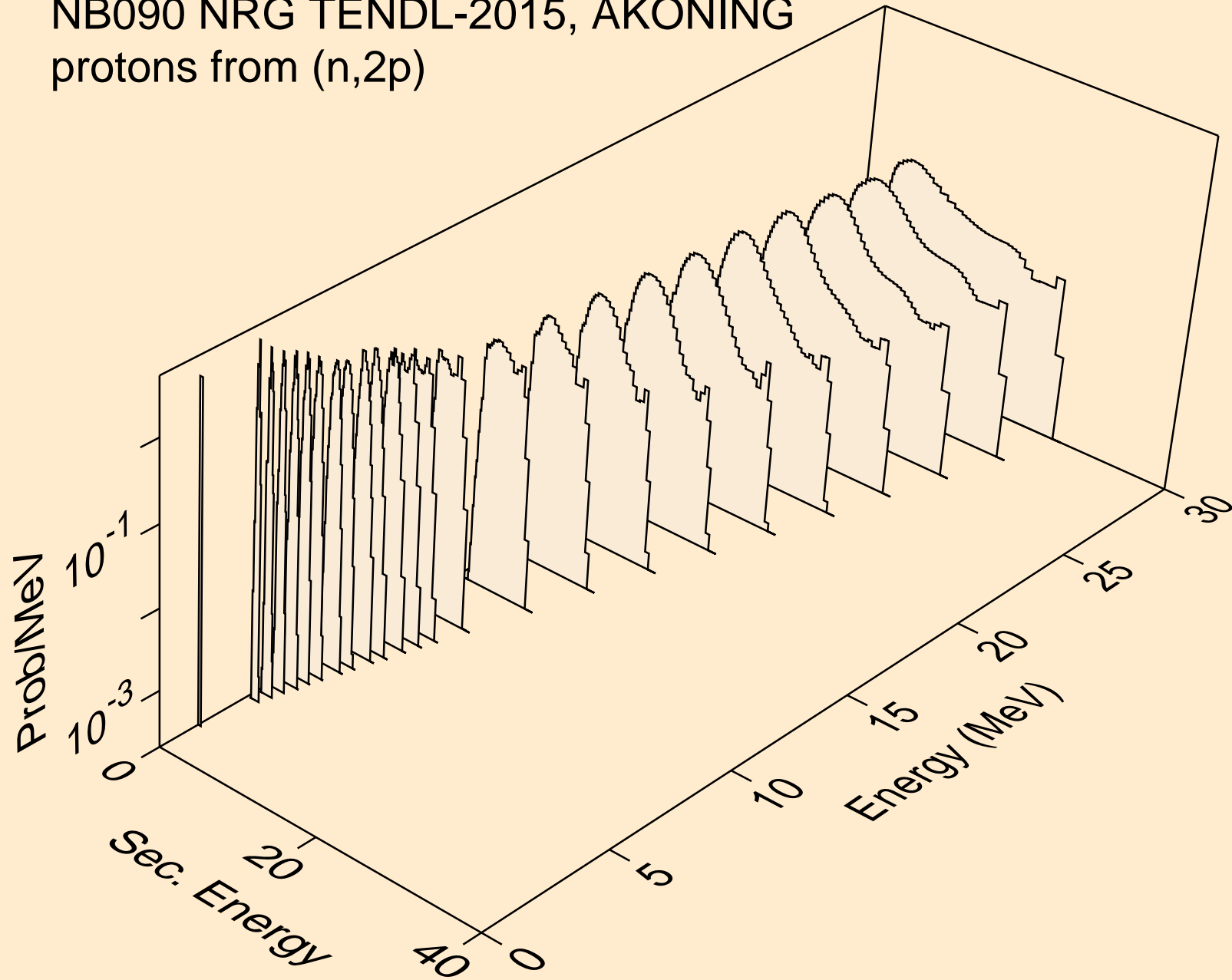
NB090 NRG TENDL-2015, AKONING  
protons from (n,npa)



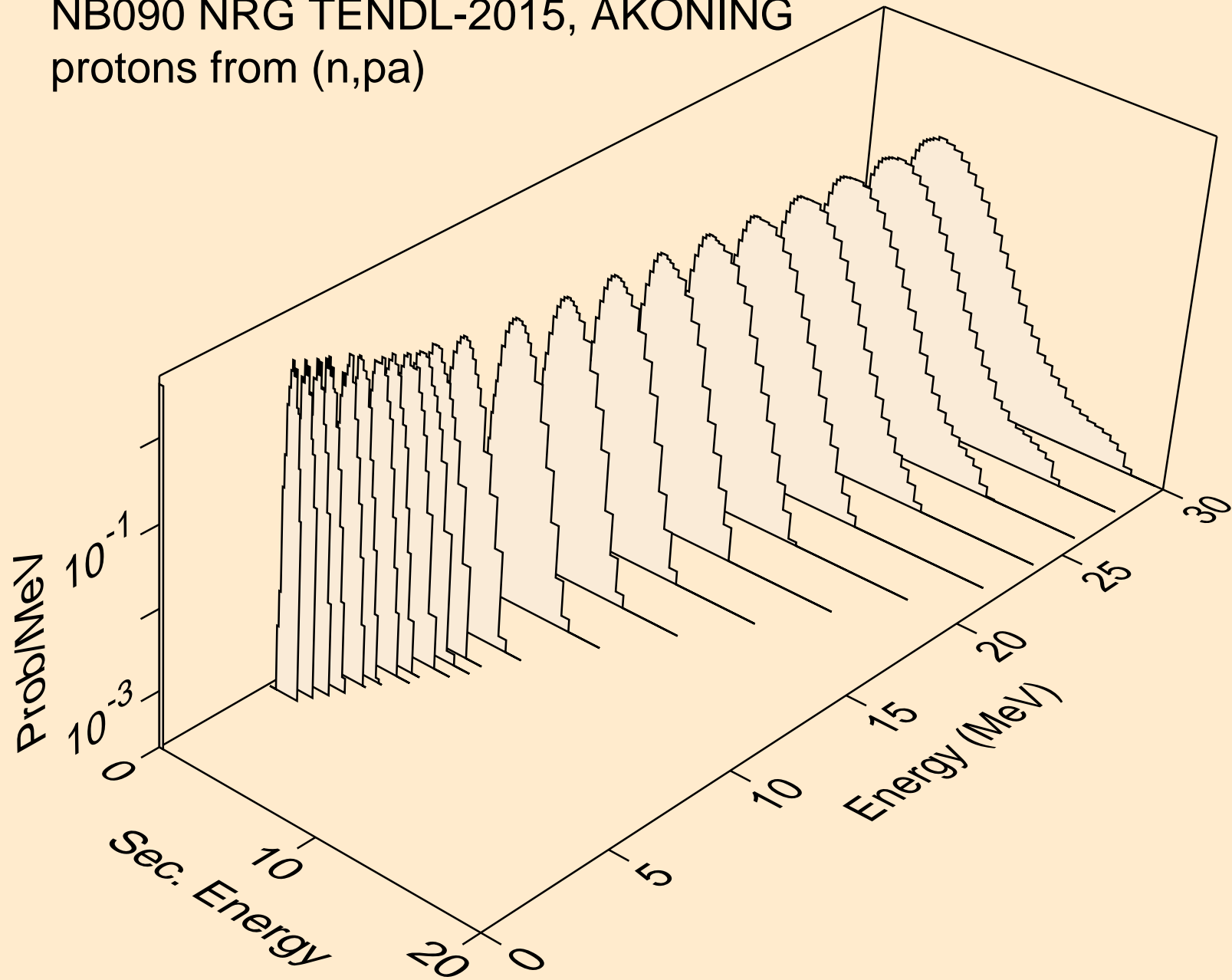
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protons from (n,p)



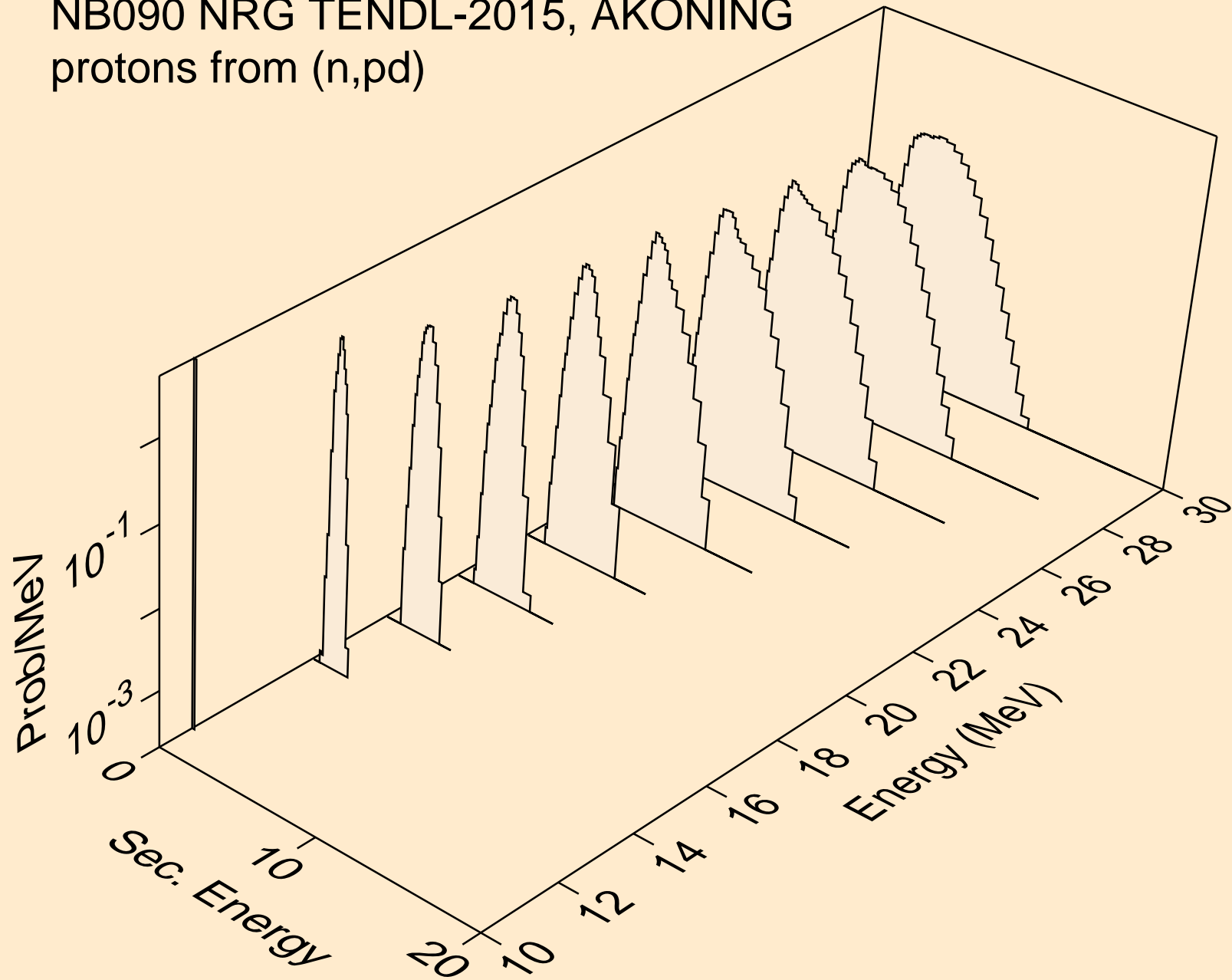
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protons from (n,2p)



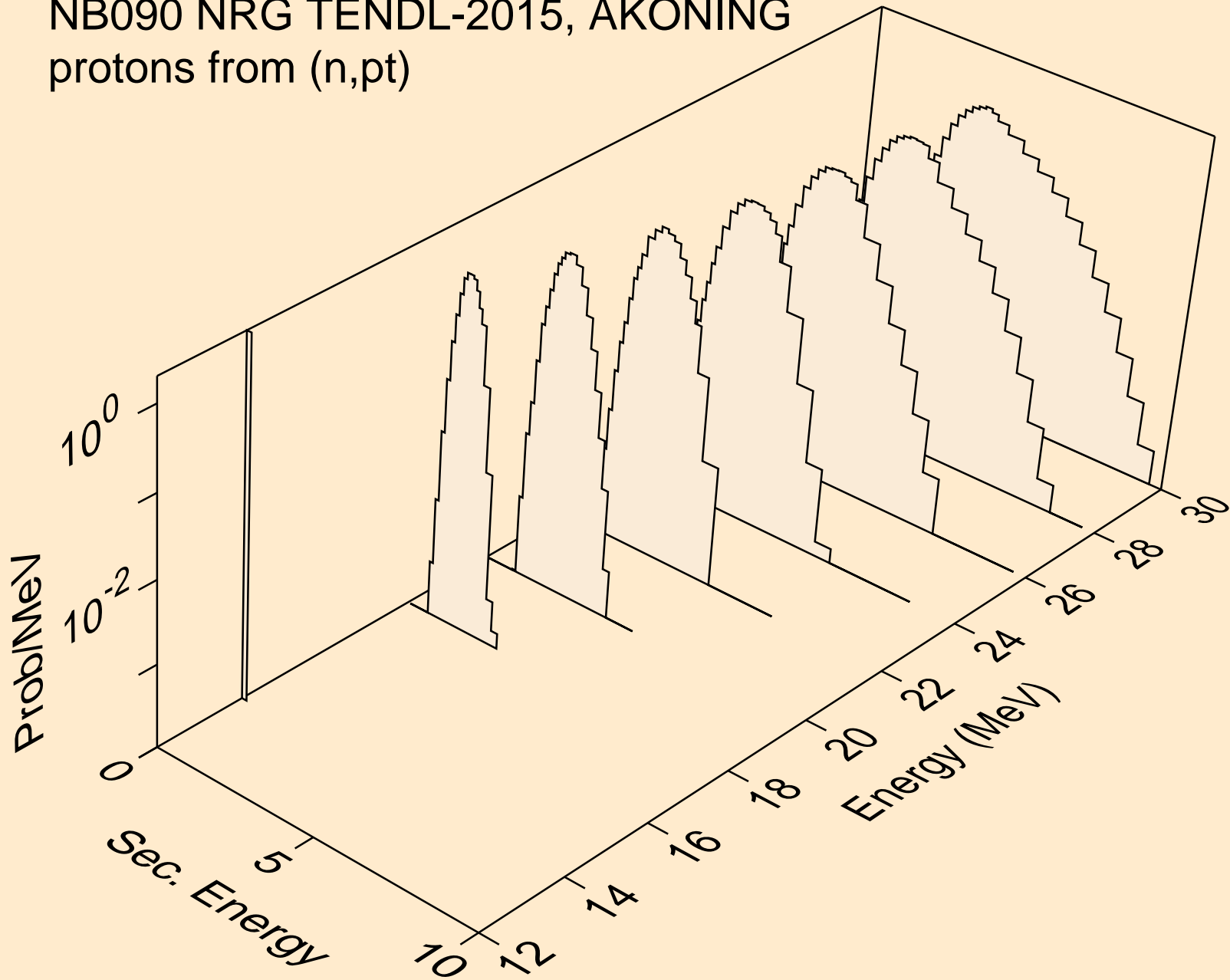
NB090 NRG TENDL-2015, AKONING  
protons from (n,pa)



NB090 NRG TENDL-2015, AKONING  
protons from (n,pd)

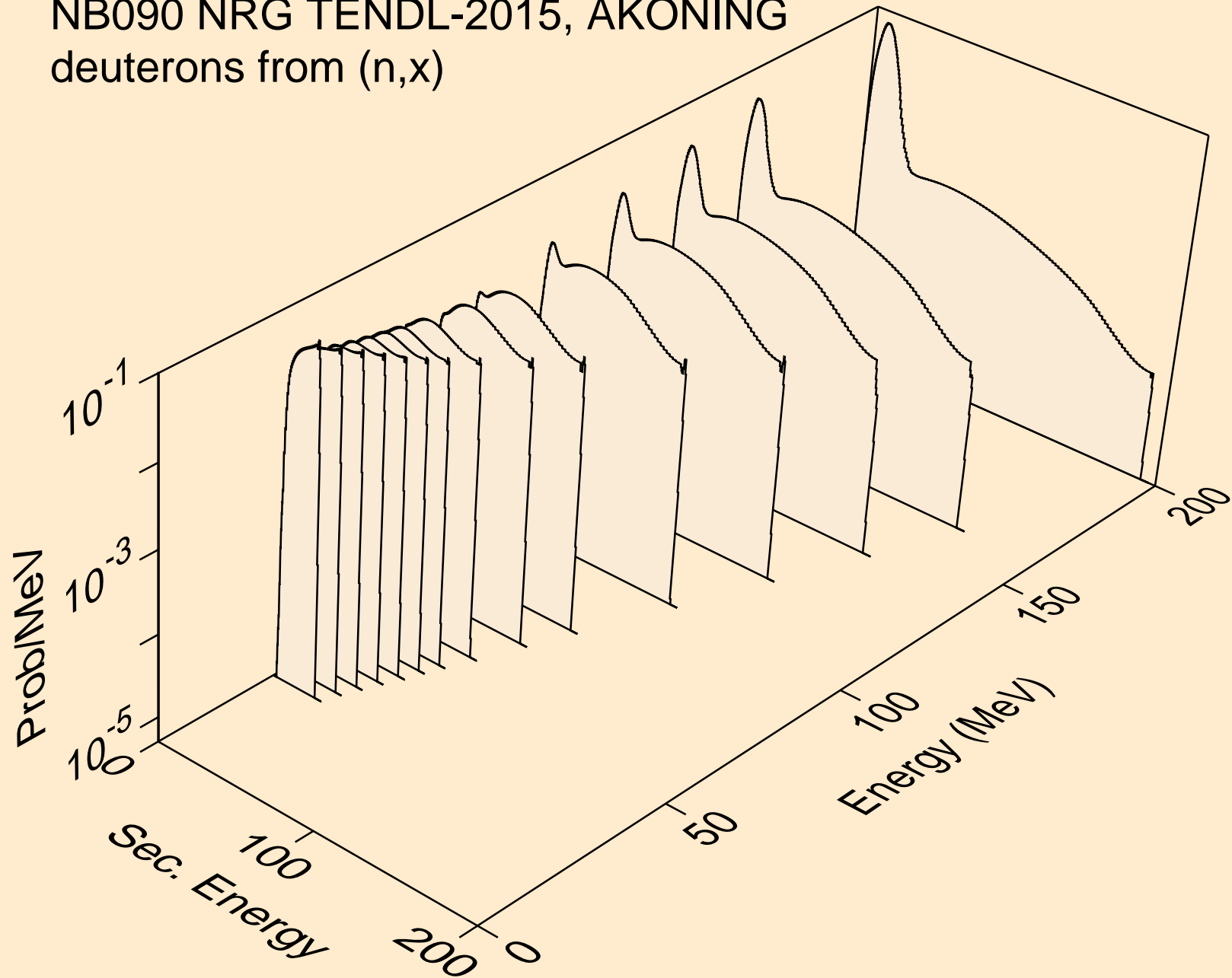


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protons from (n,pt)

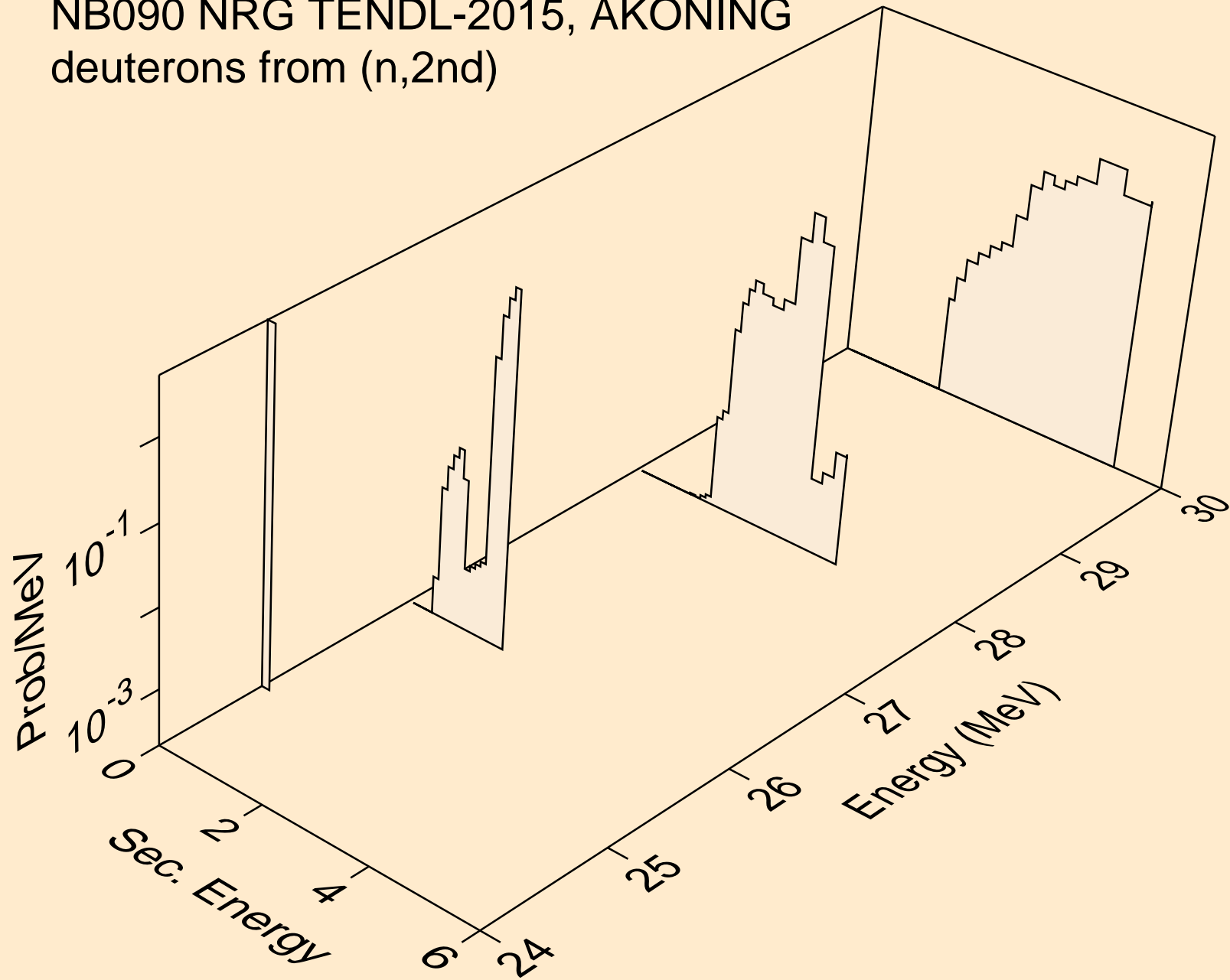




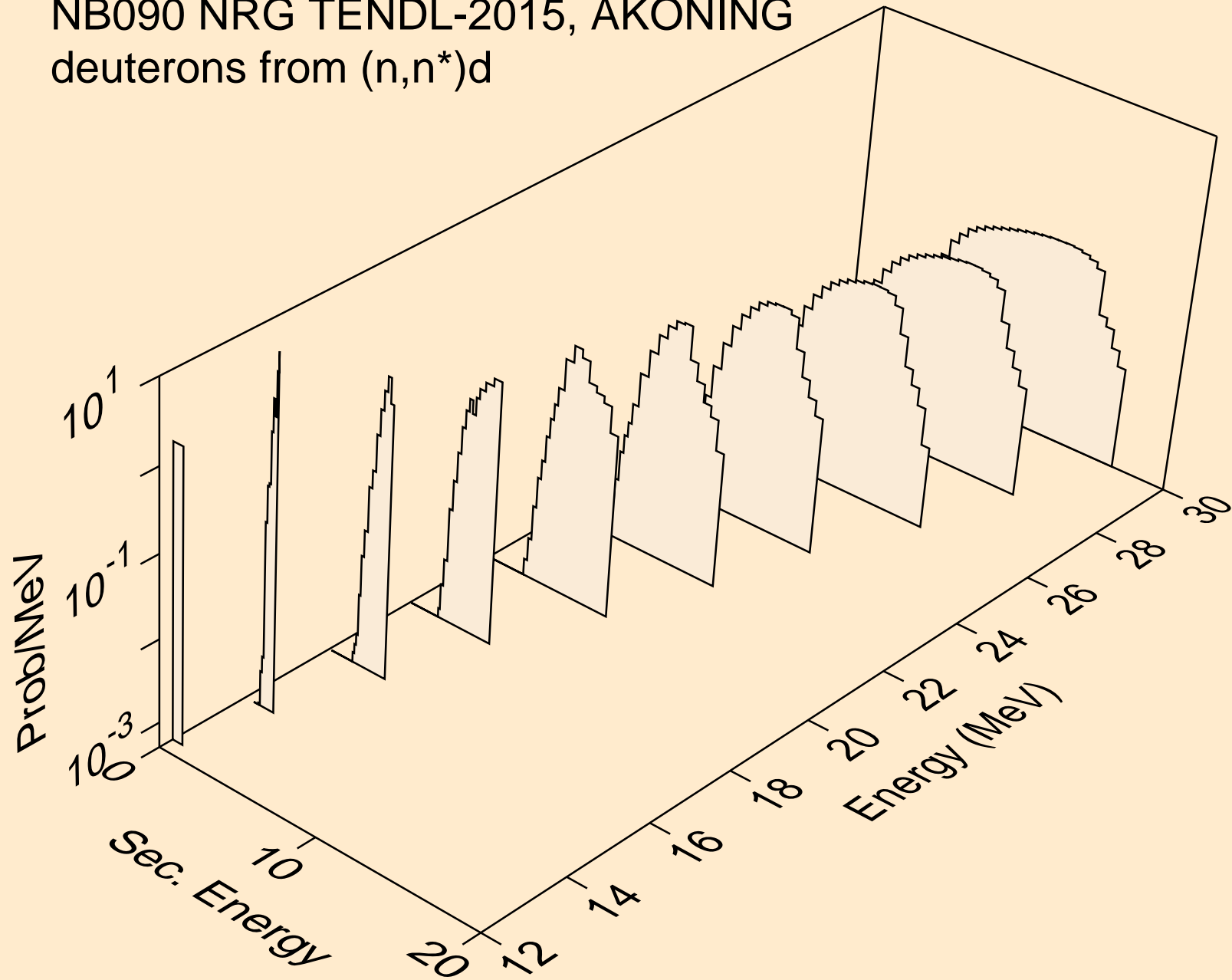
NB090 NRG TENDL-2015, AKONING  
deuterons from (n,x)



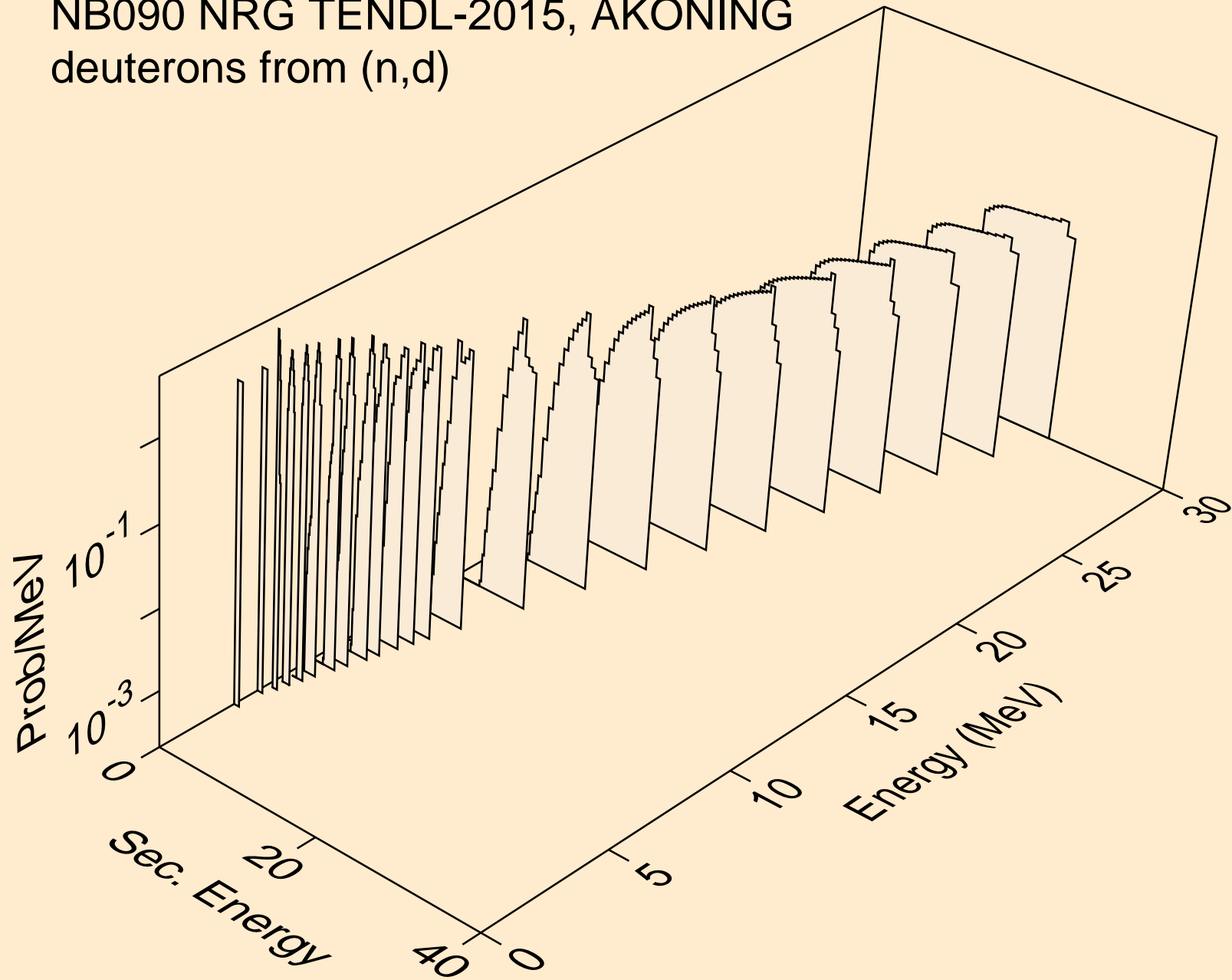
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deuterons from (n,2nd)



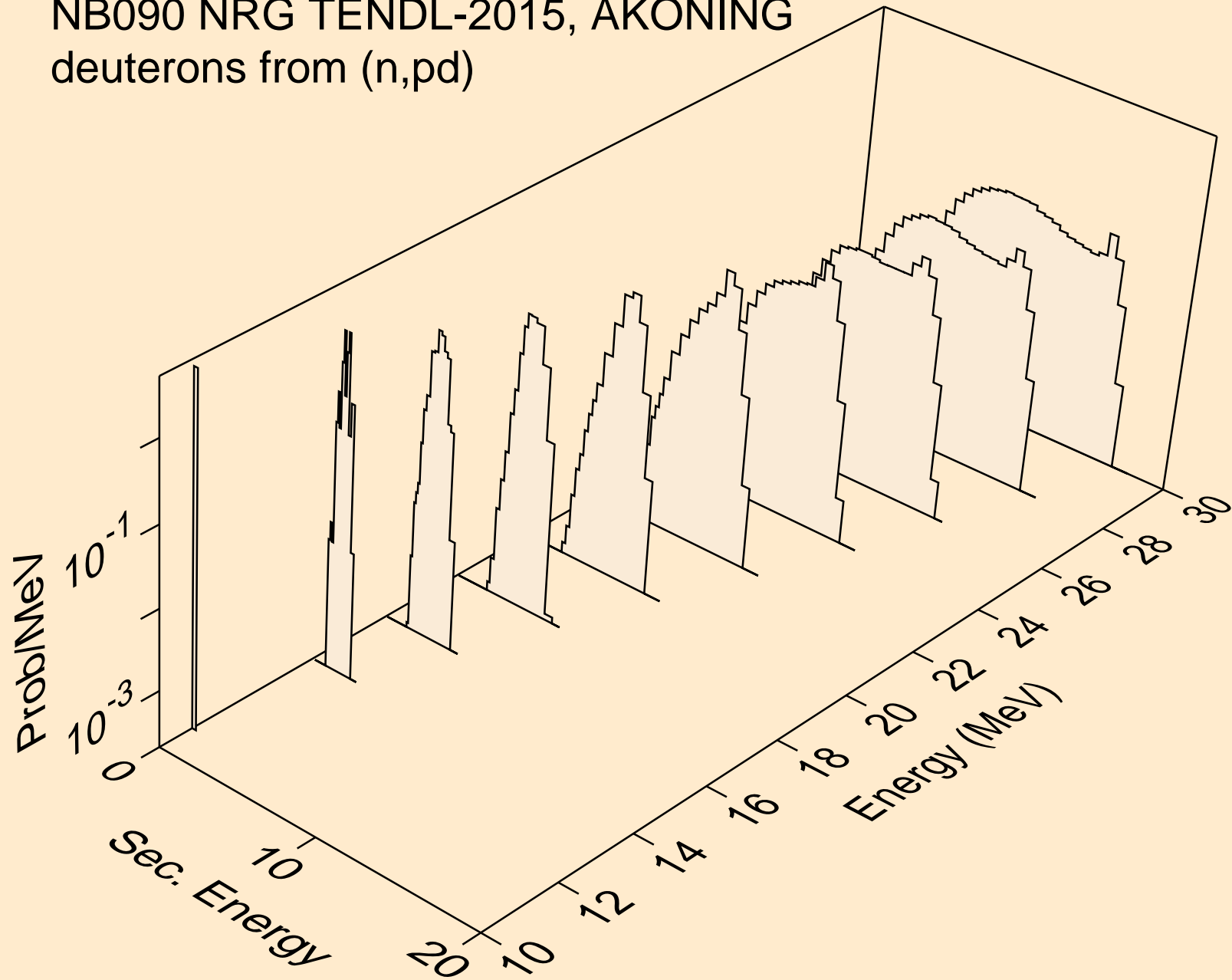
NB090 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



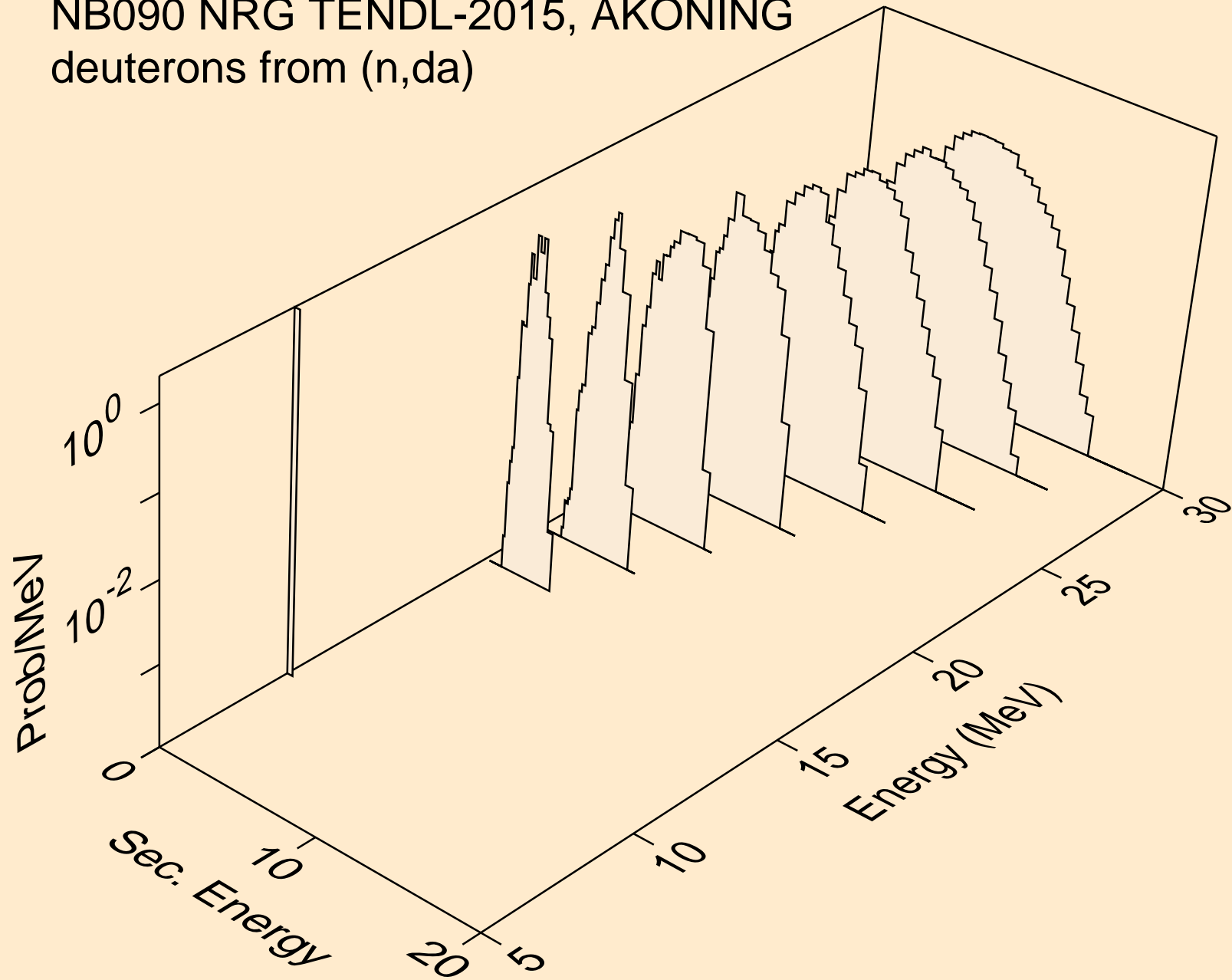
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deuterons from (n,d)



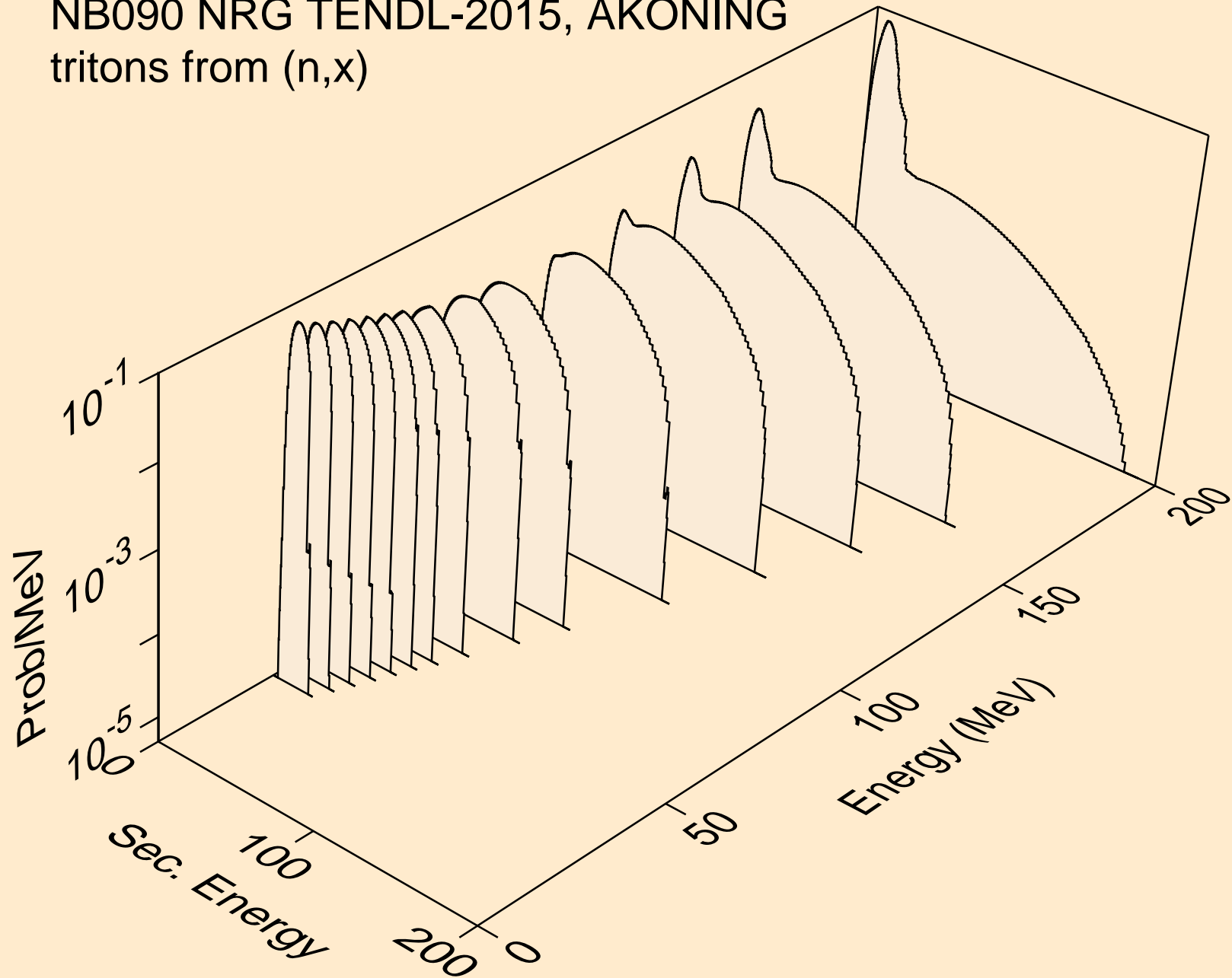
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deuterons from (n,pd)



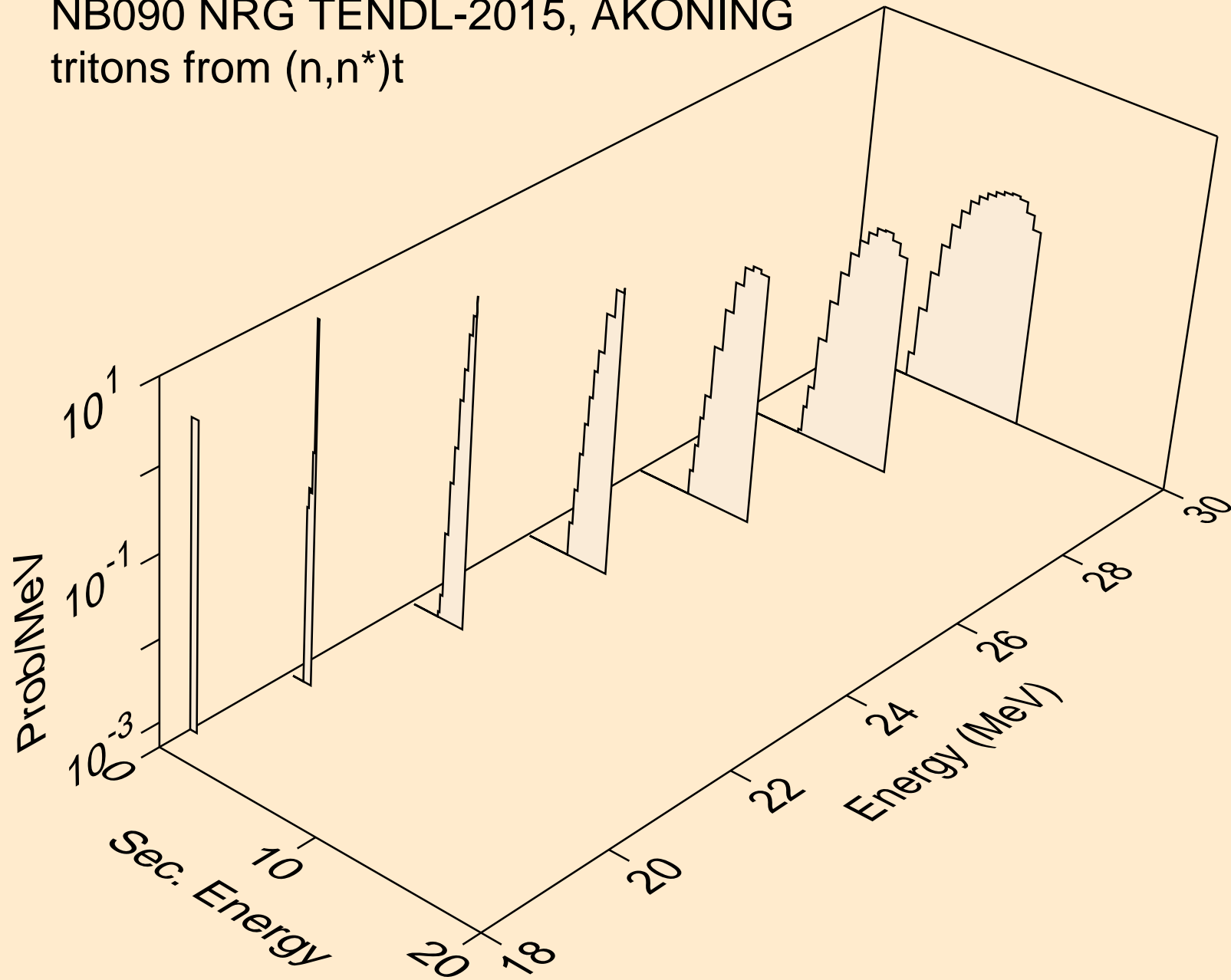
NB090 NRG TENDL-2015, AKONING  
deuterons from (n,da)



NB090 NRG TENDL-2015, AKONING  
tritons from (n,x)

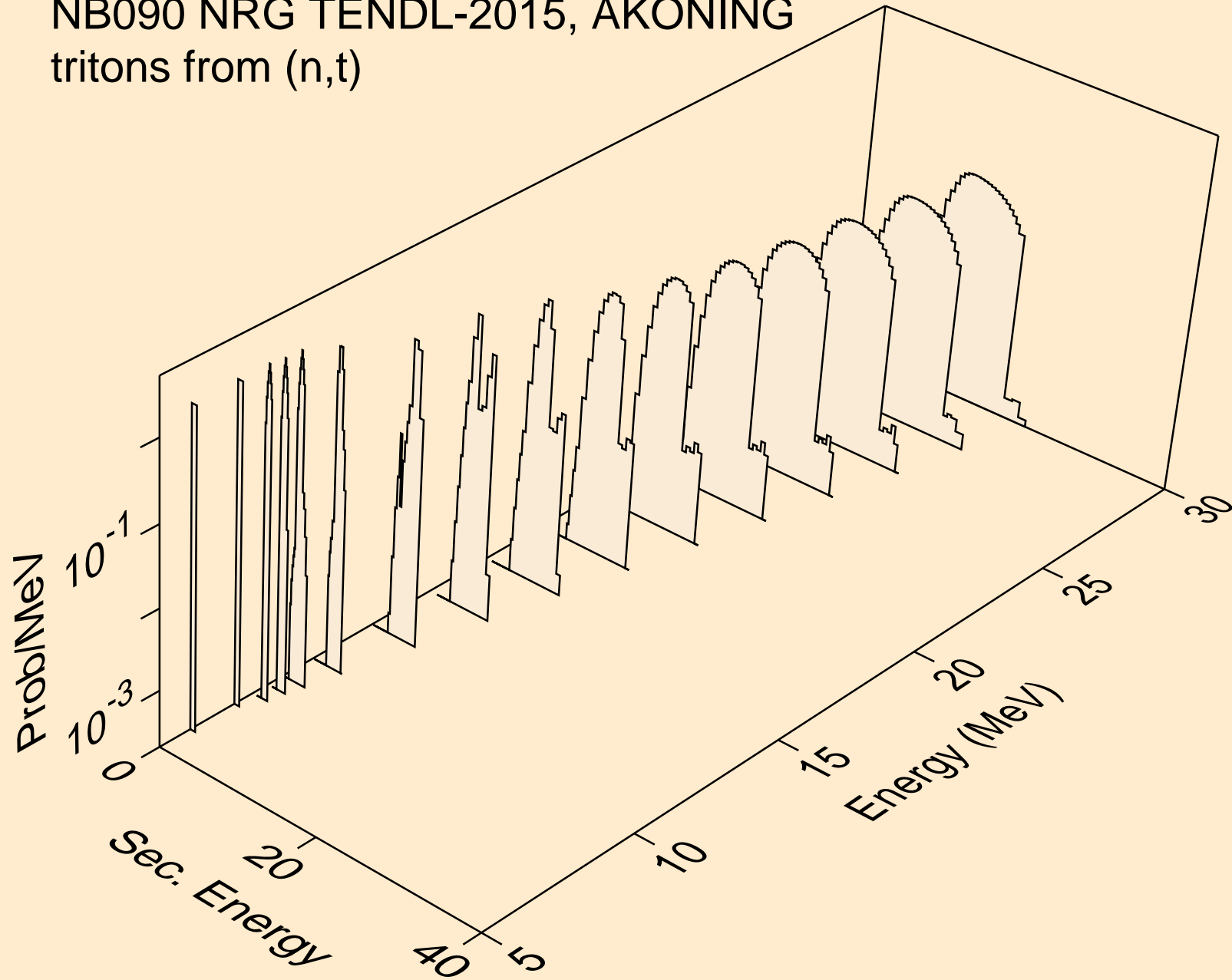


NB090 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

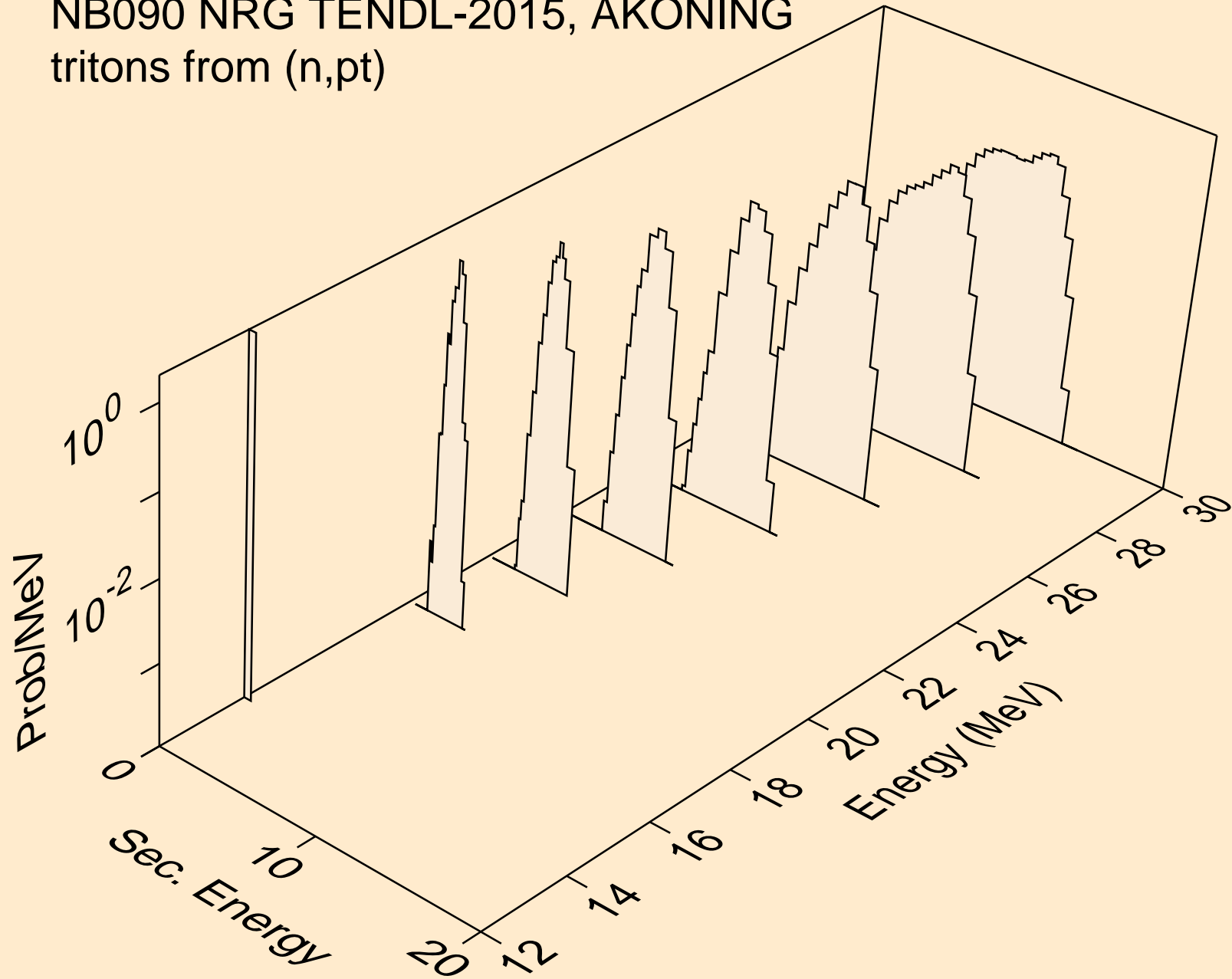




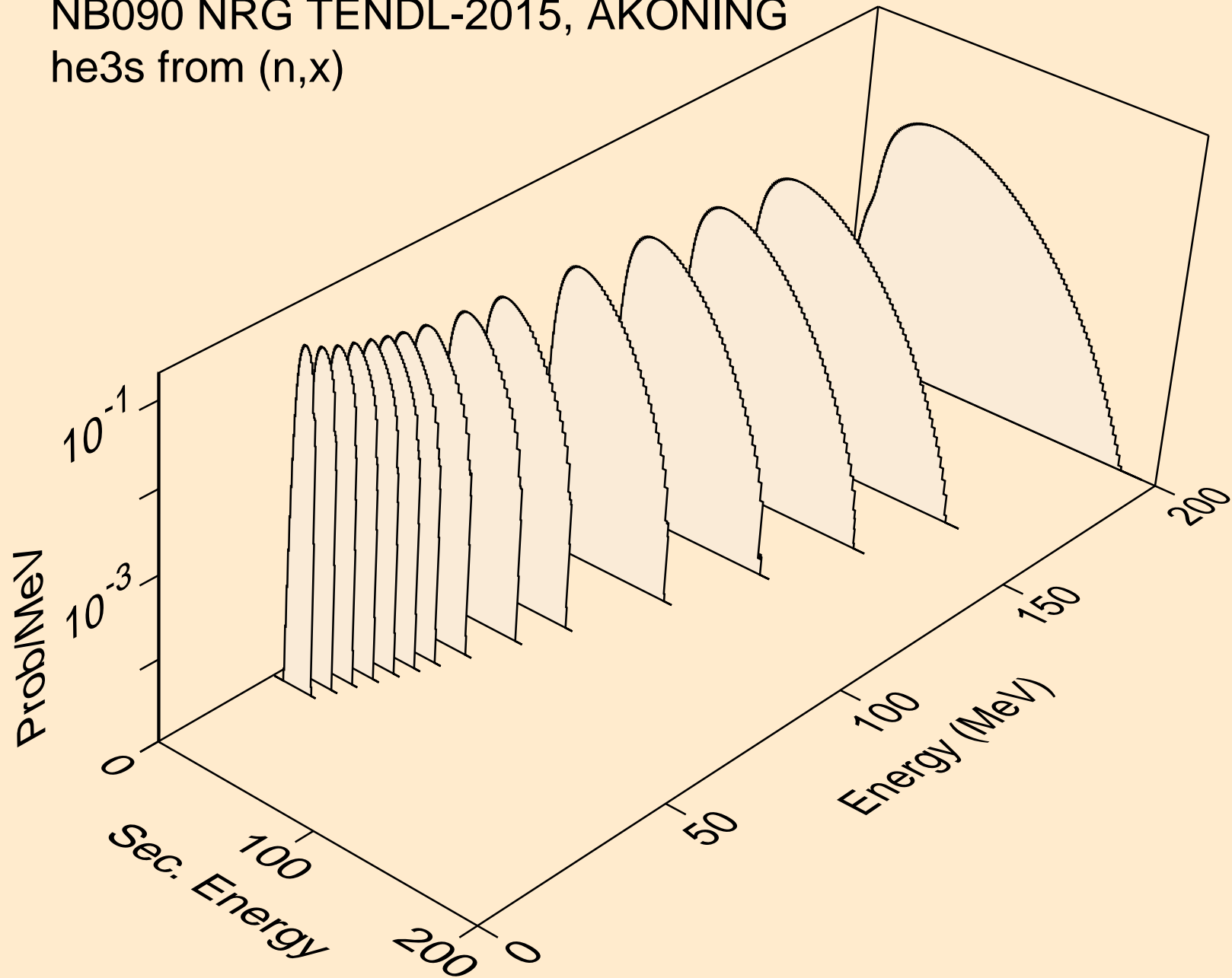
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tritons from (n,t)



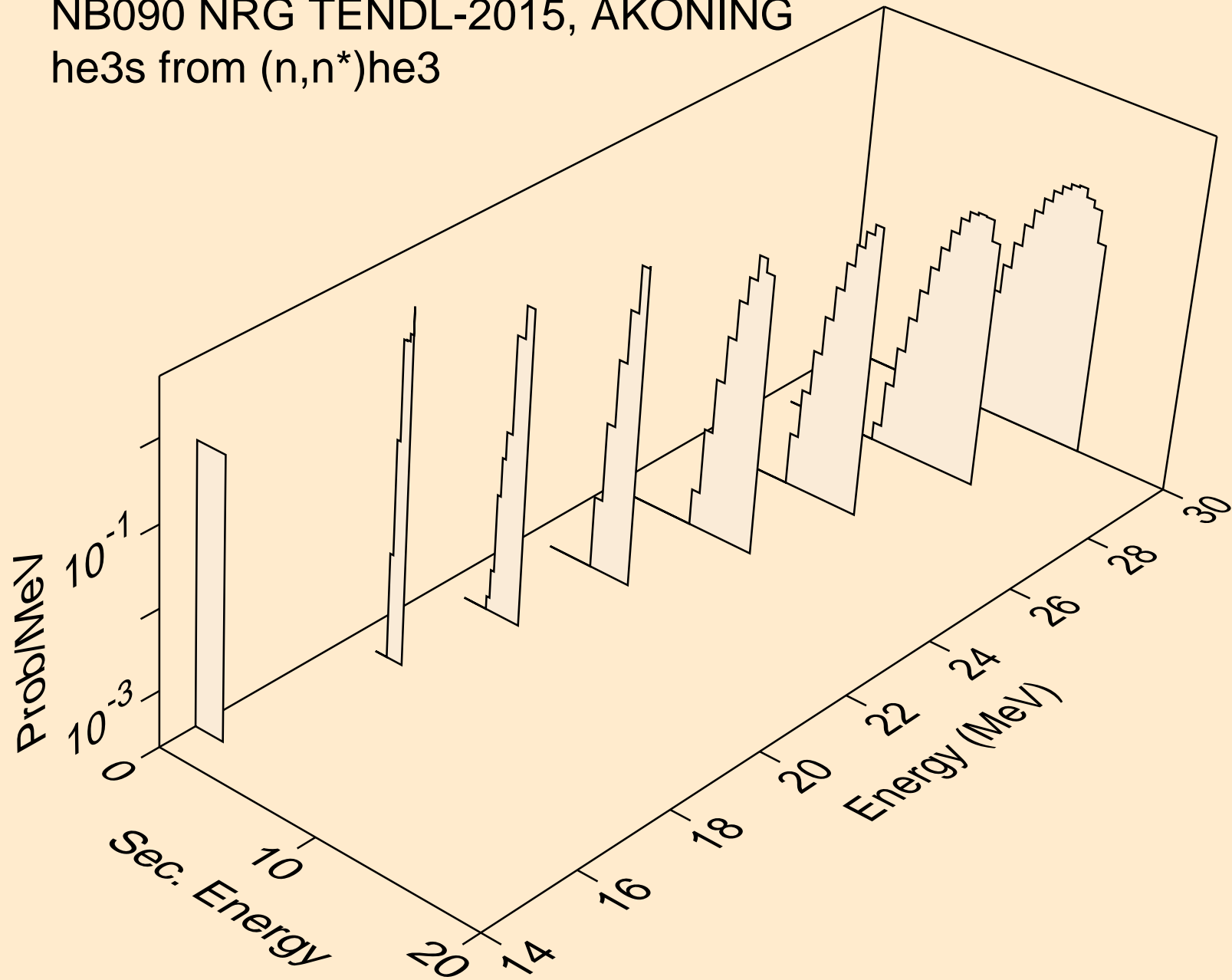
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tritons from (n,pt)



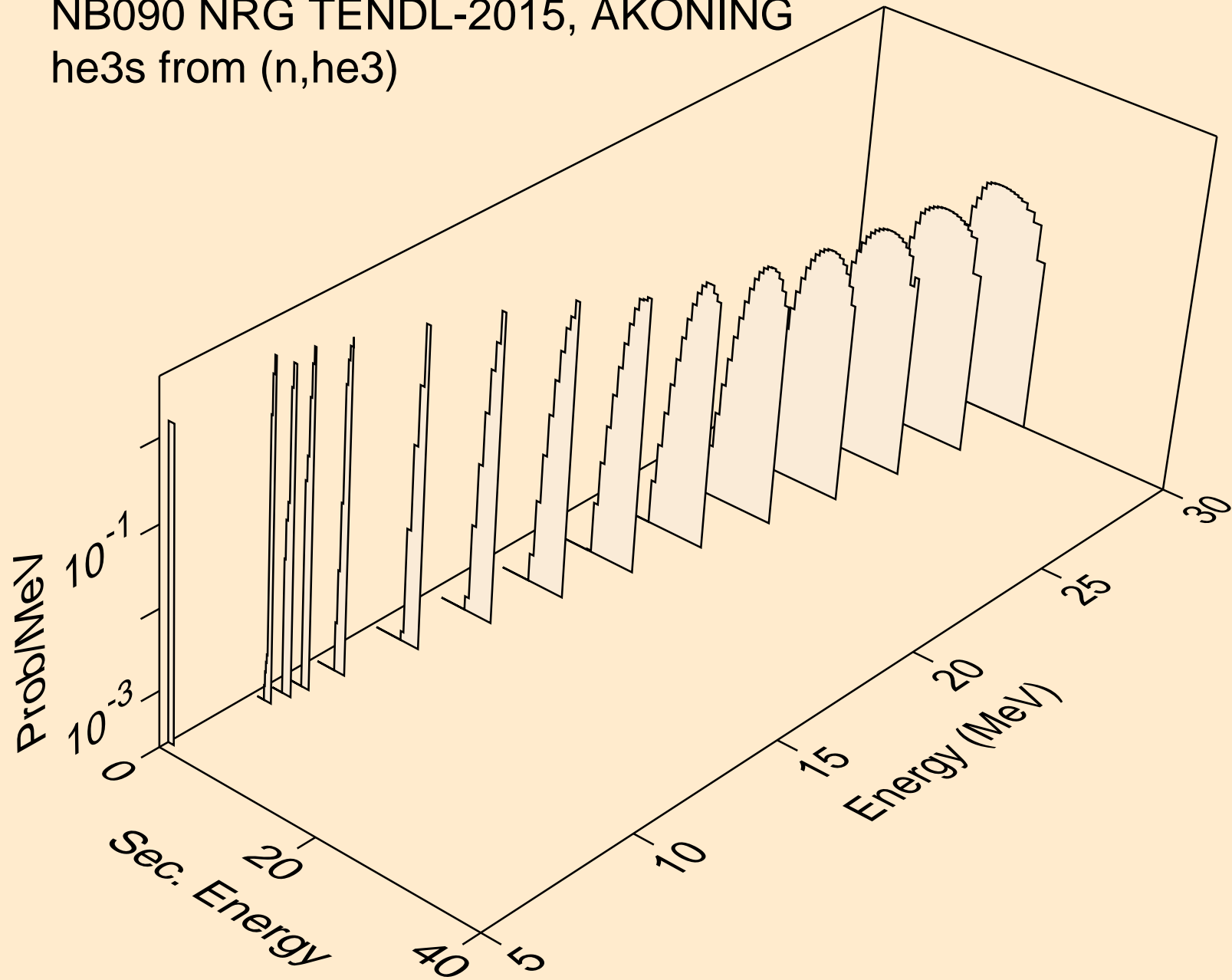
NB090 NRG TENDL-2015, AKONING  
he3s from (n,x)



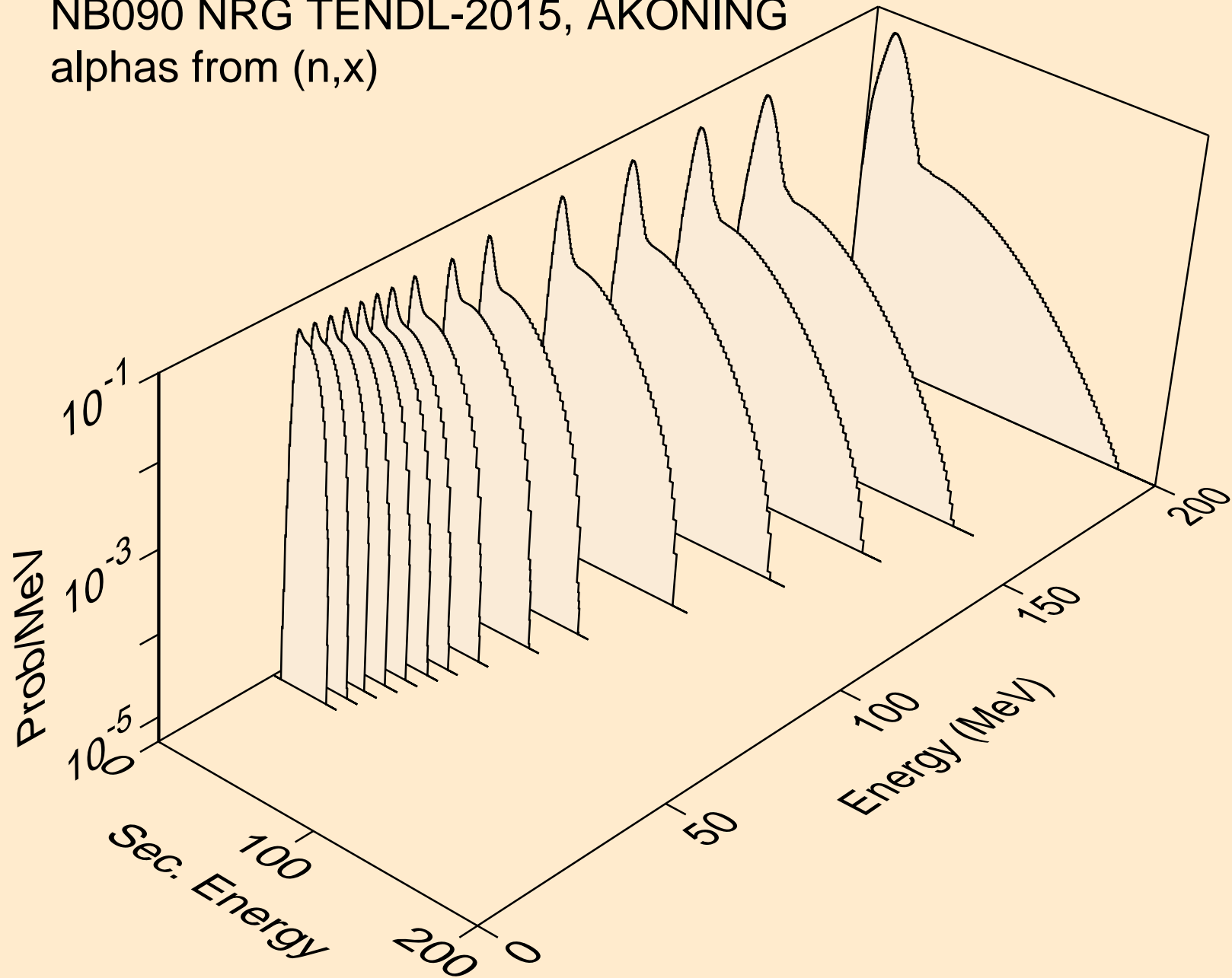
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he3s from (n,n\*)he3



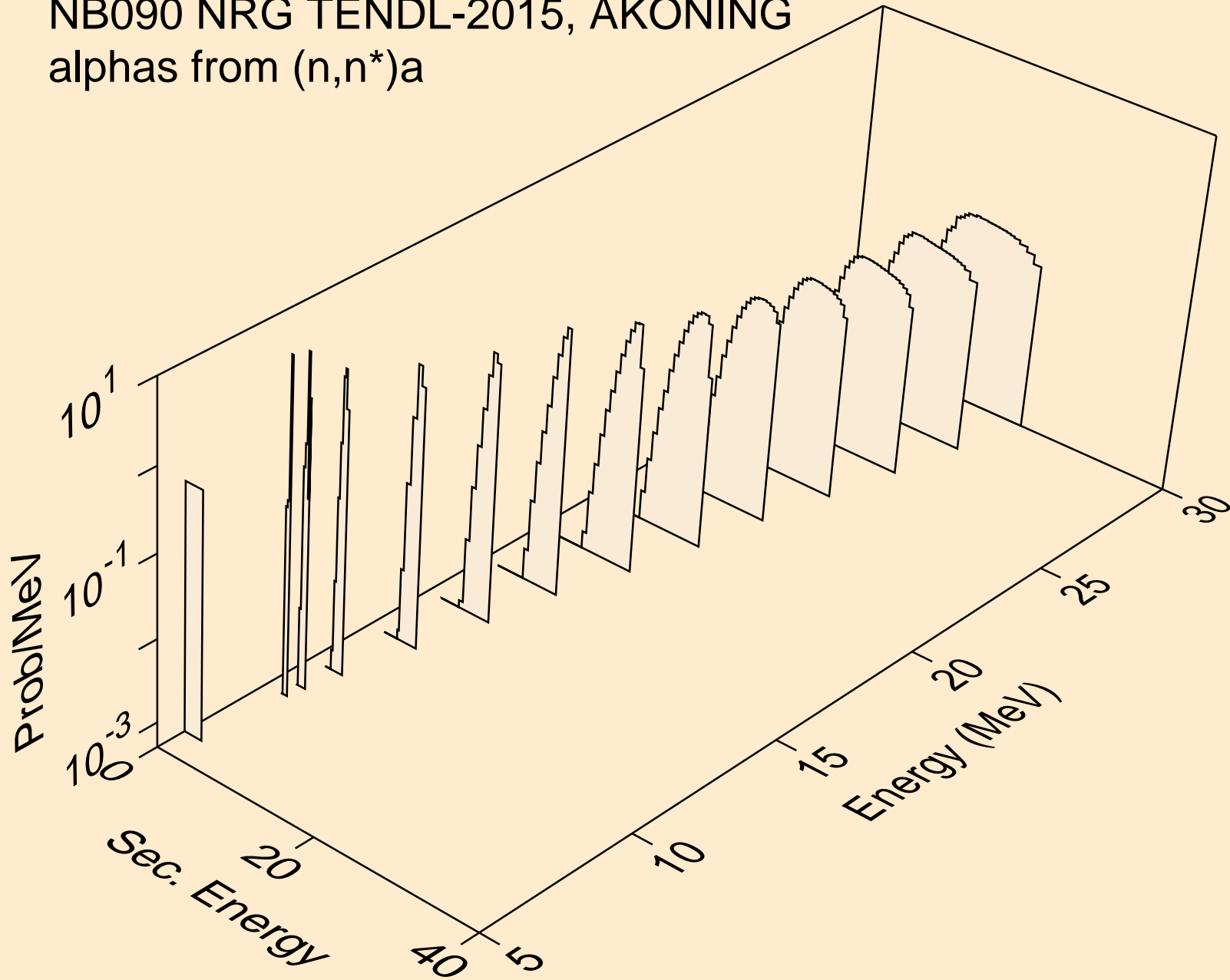
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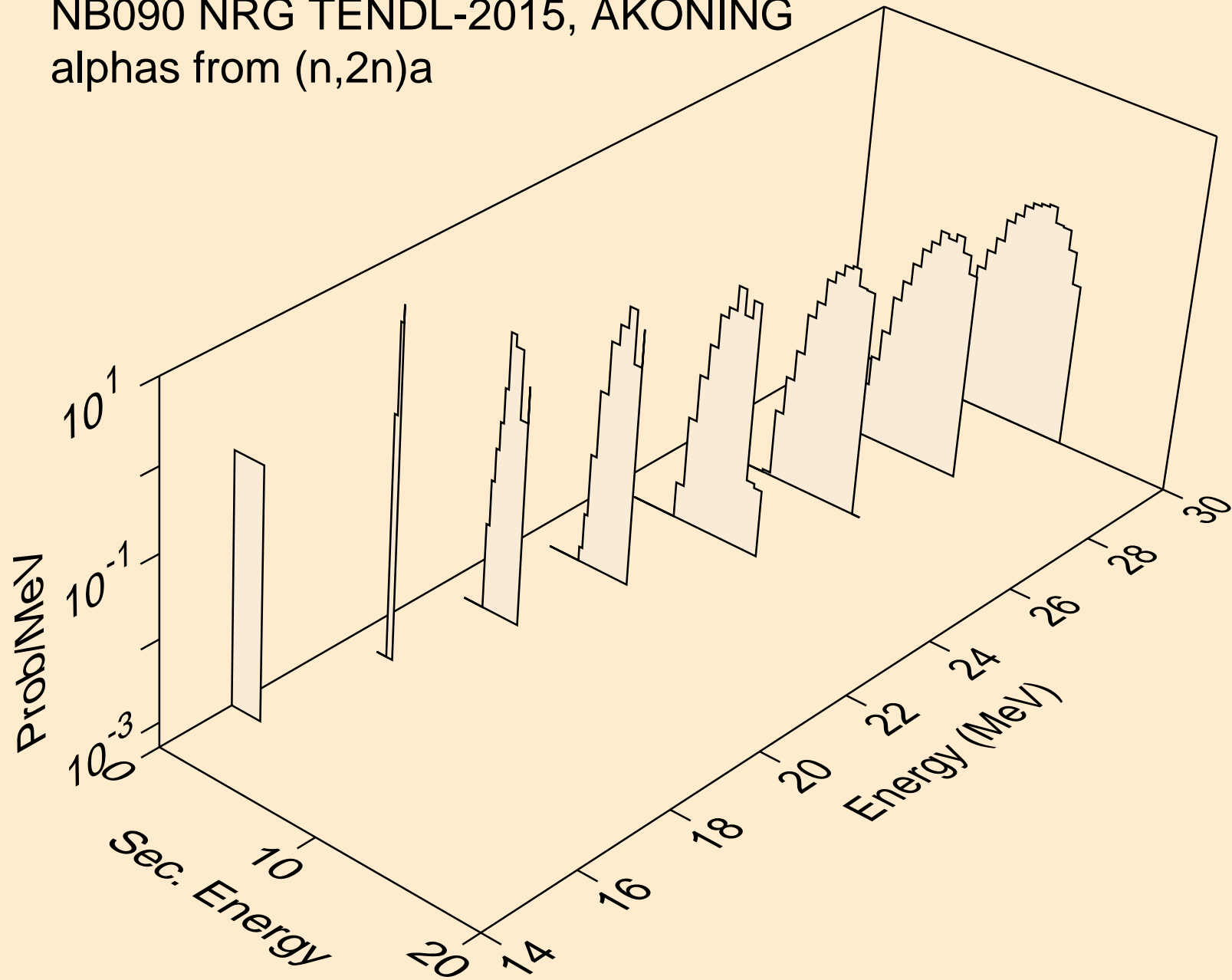
NB090 NRG TENDL-2015, AKONING  
alphas from (n,x)



NB090 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

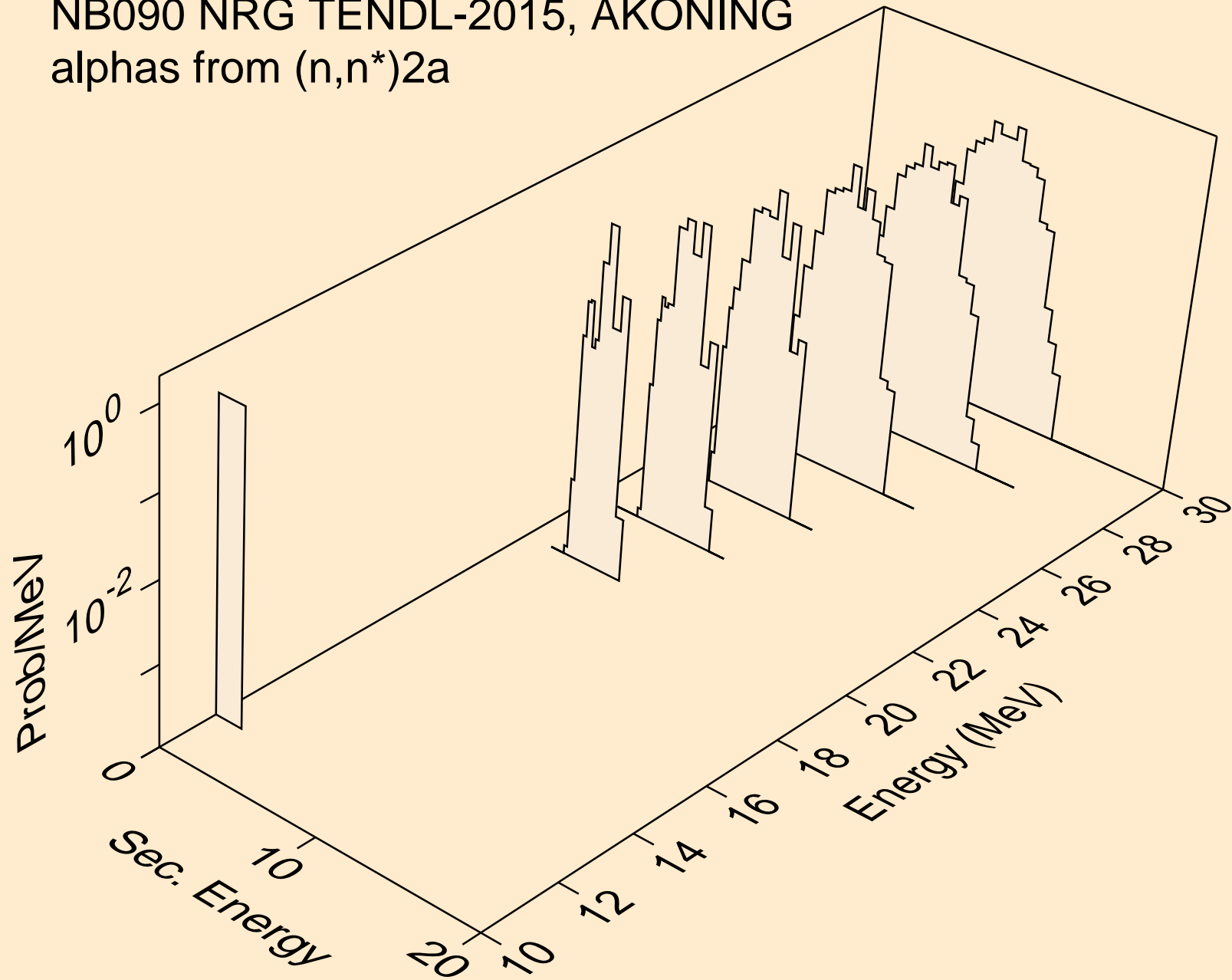


NB090 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

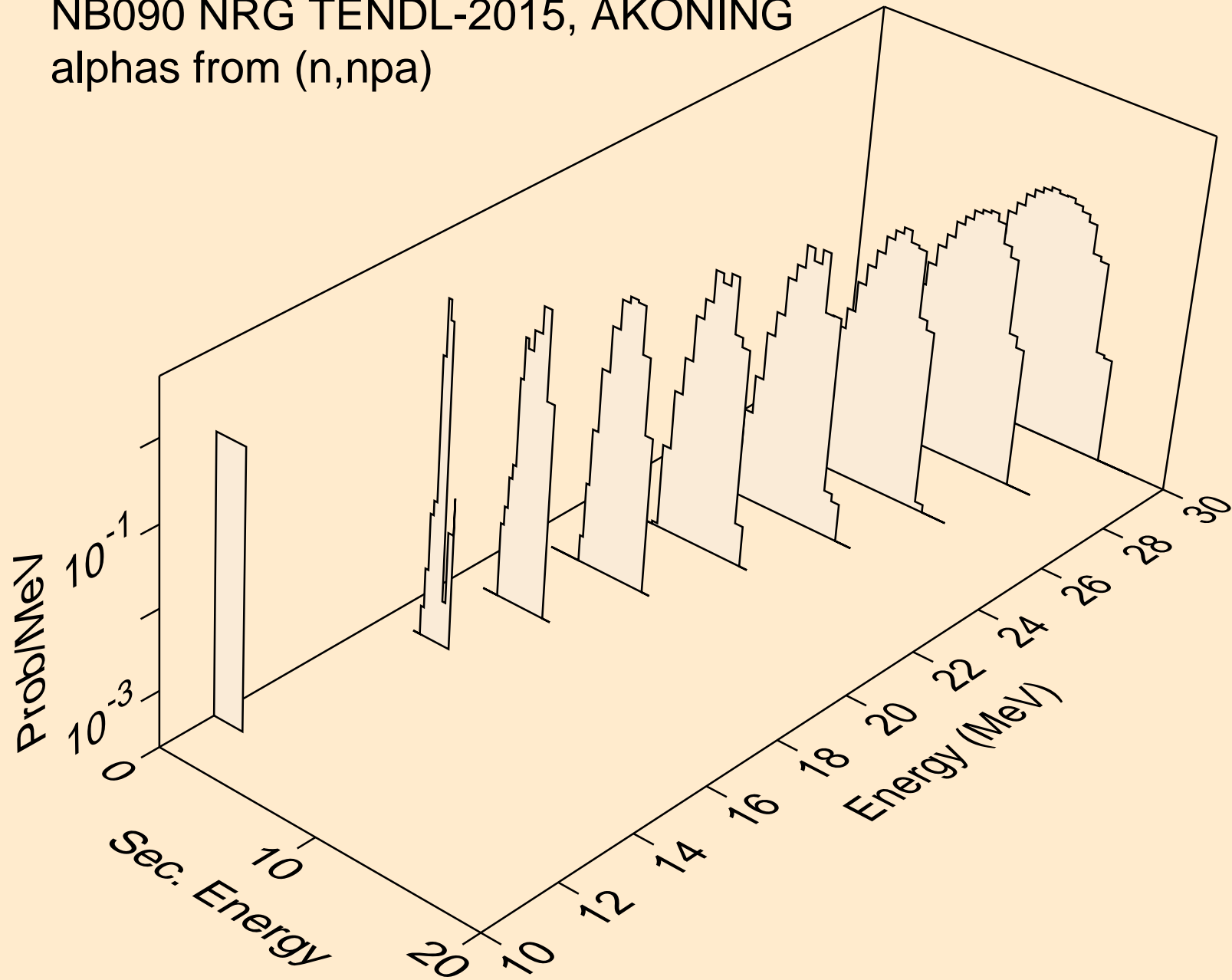




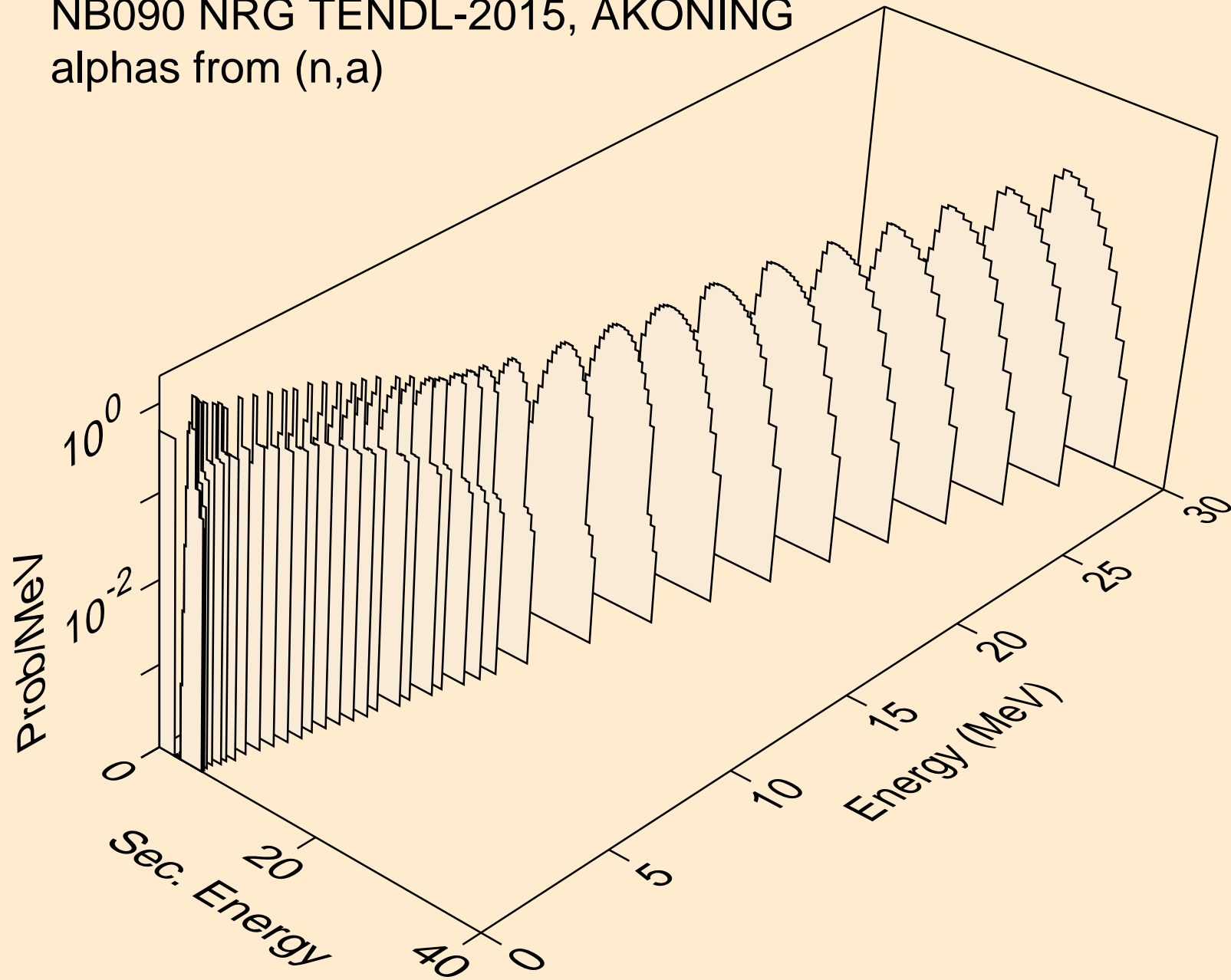
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alphas from (n,n\*)2a



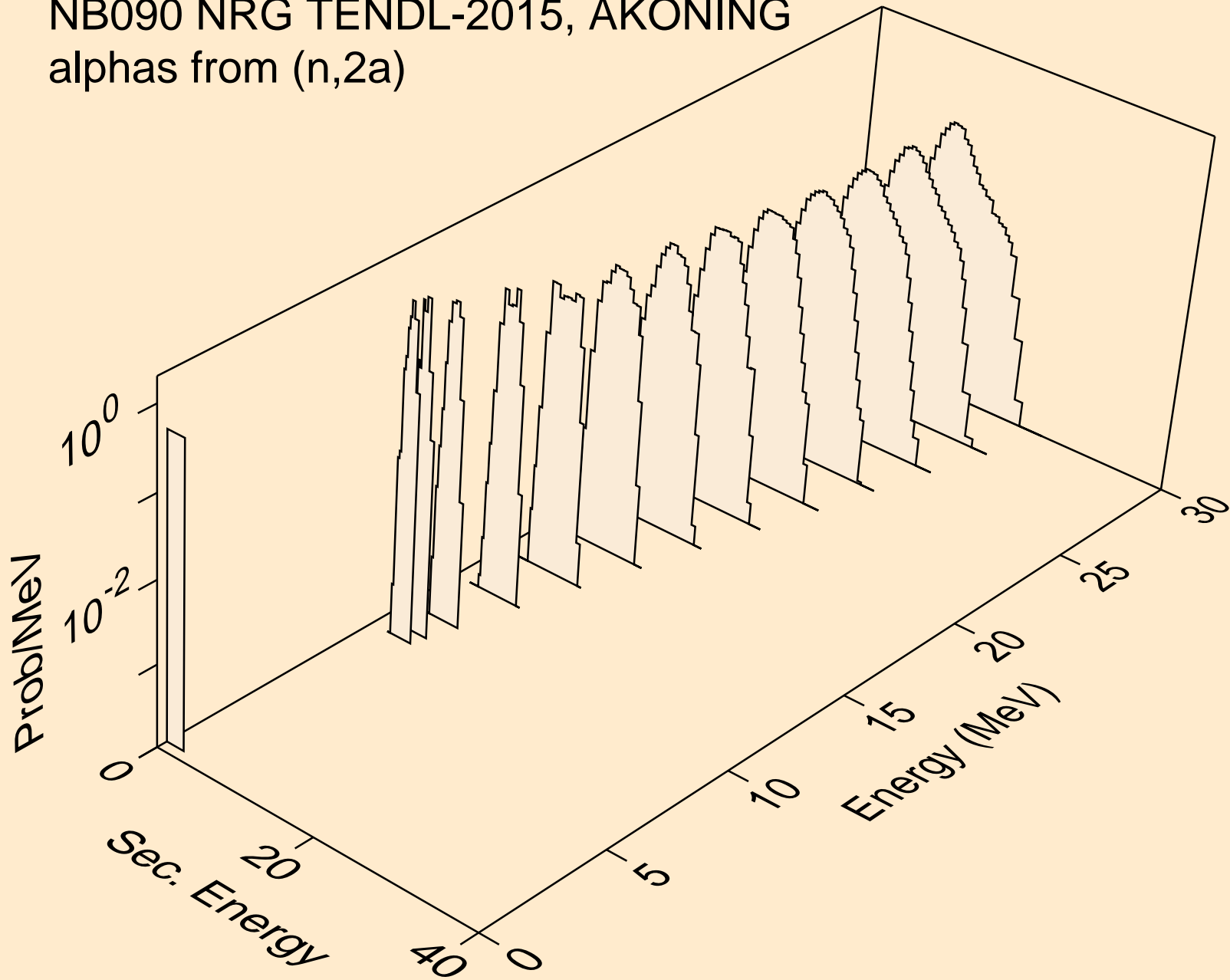
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alphas from (n,npa)



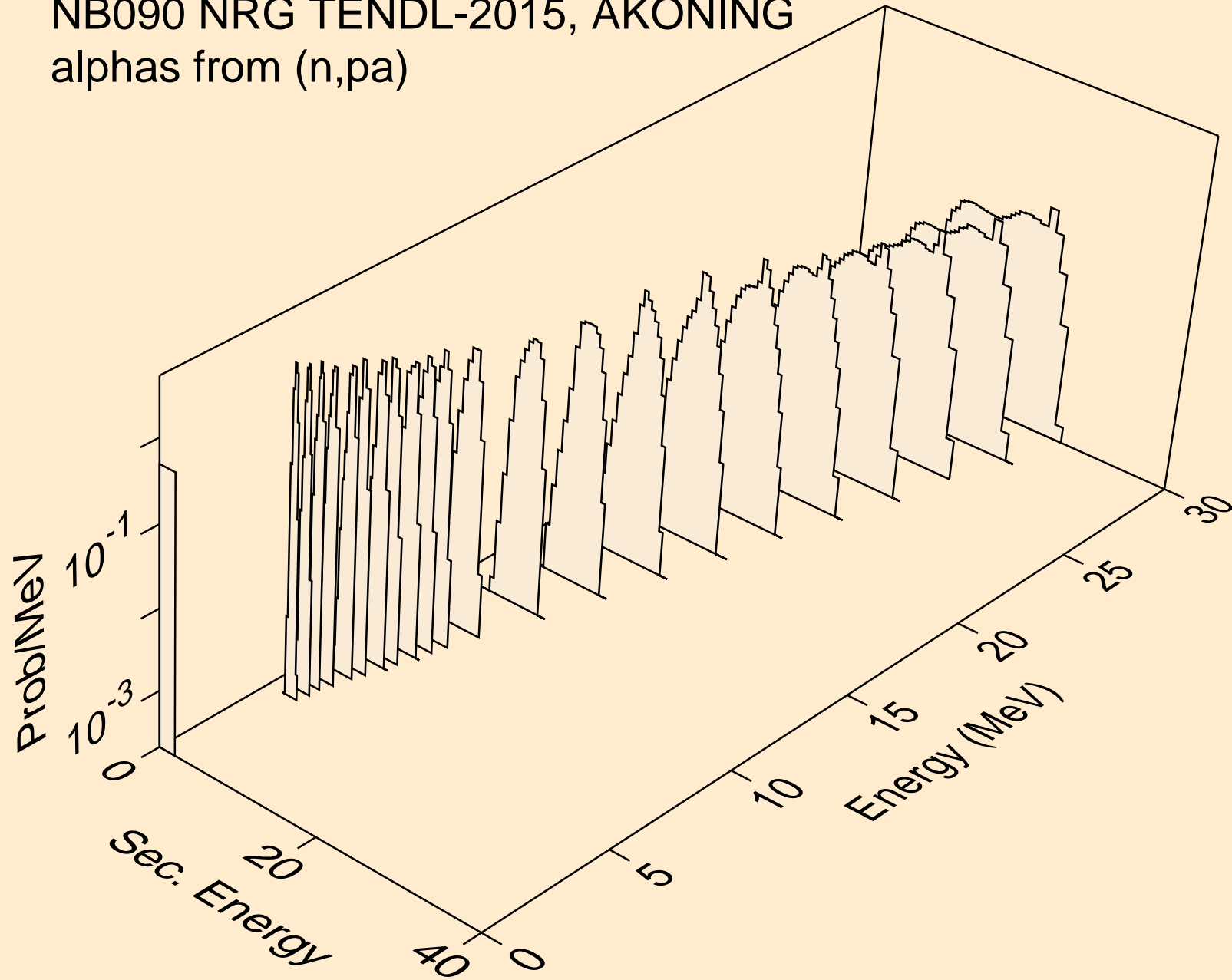
NB090 NRG TENDL-2015, AKONING  
alphas from (n,a)



NB090 NRG TENDL-2015, AKONING  
alphas from (n,2a)



NB090 NRG TENDL-2015, AKONING  
alphas from (n,pa)



NB090 NRG TENDL-2015, AKONING  
alphas from (n,da)

