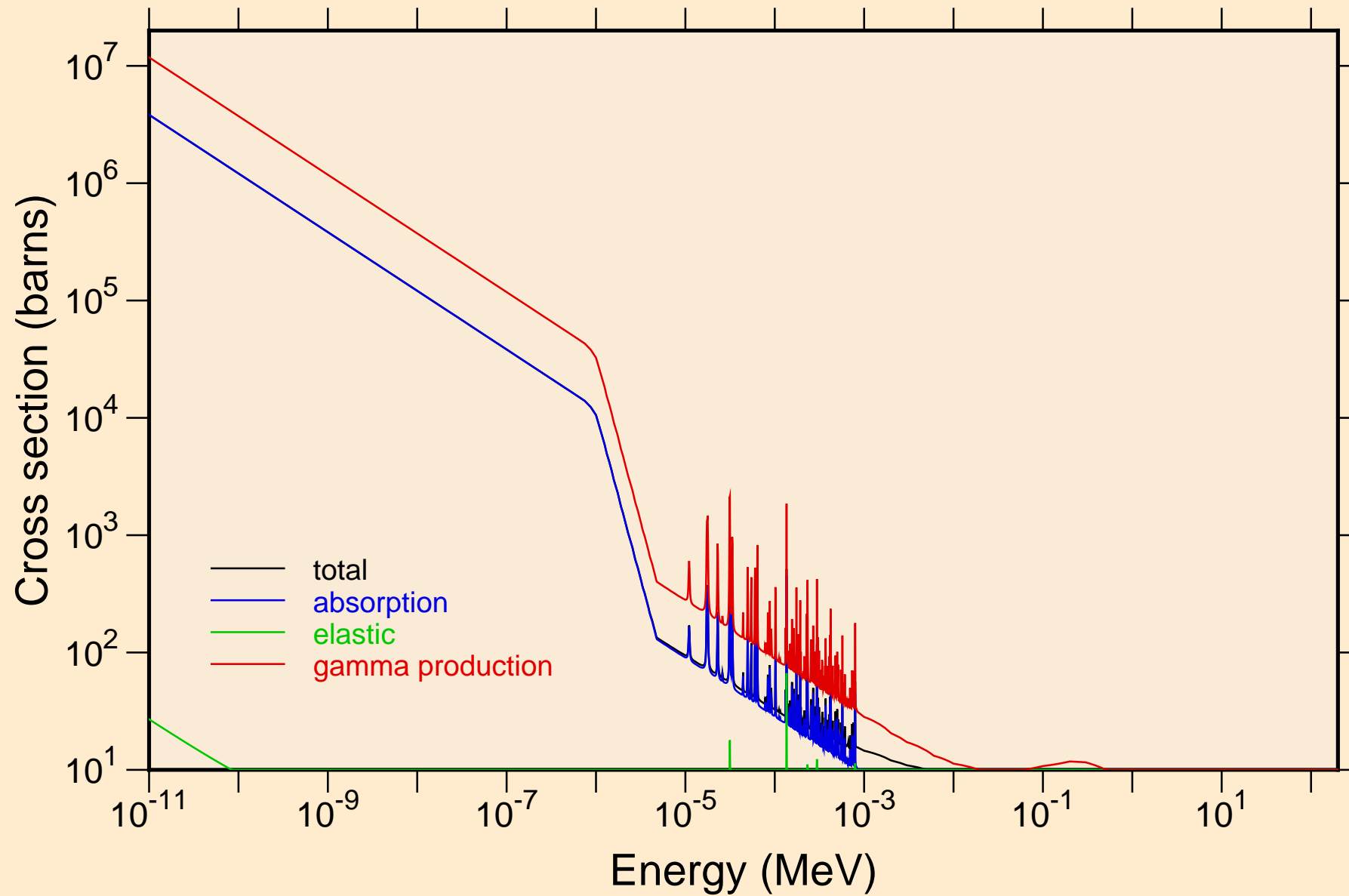
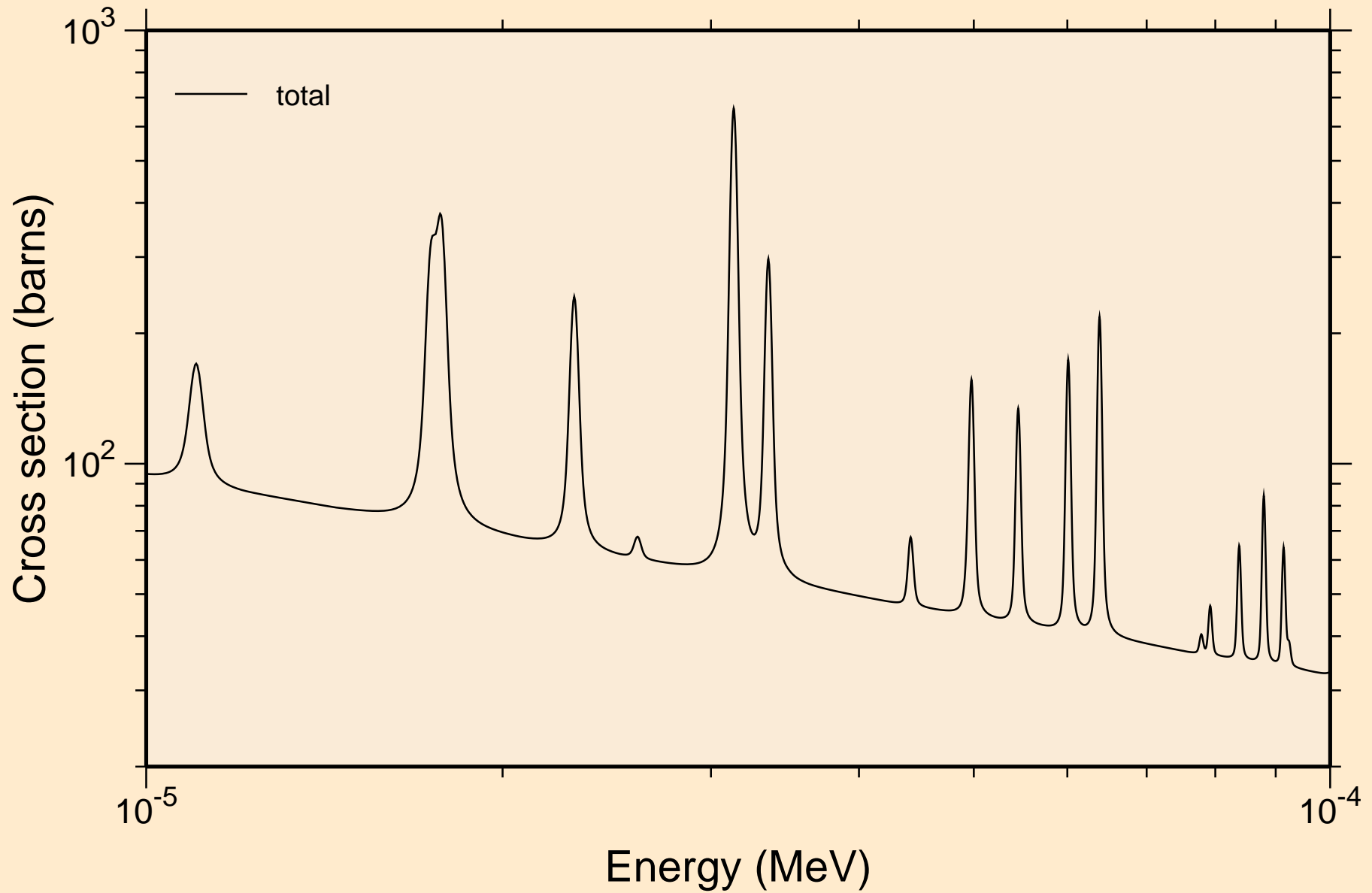


# NB083 NRG TENDL-2015, AKONING

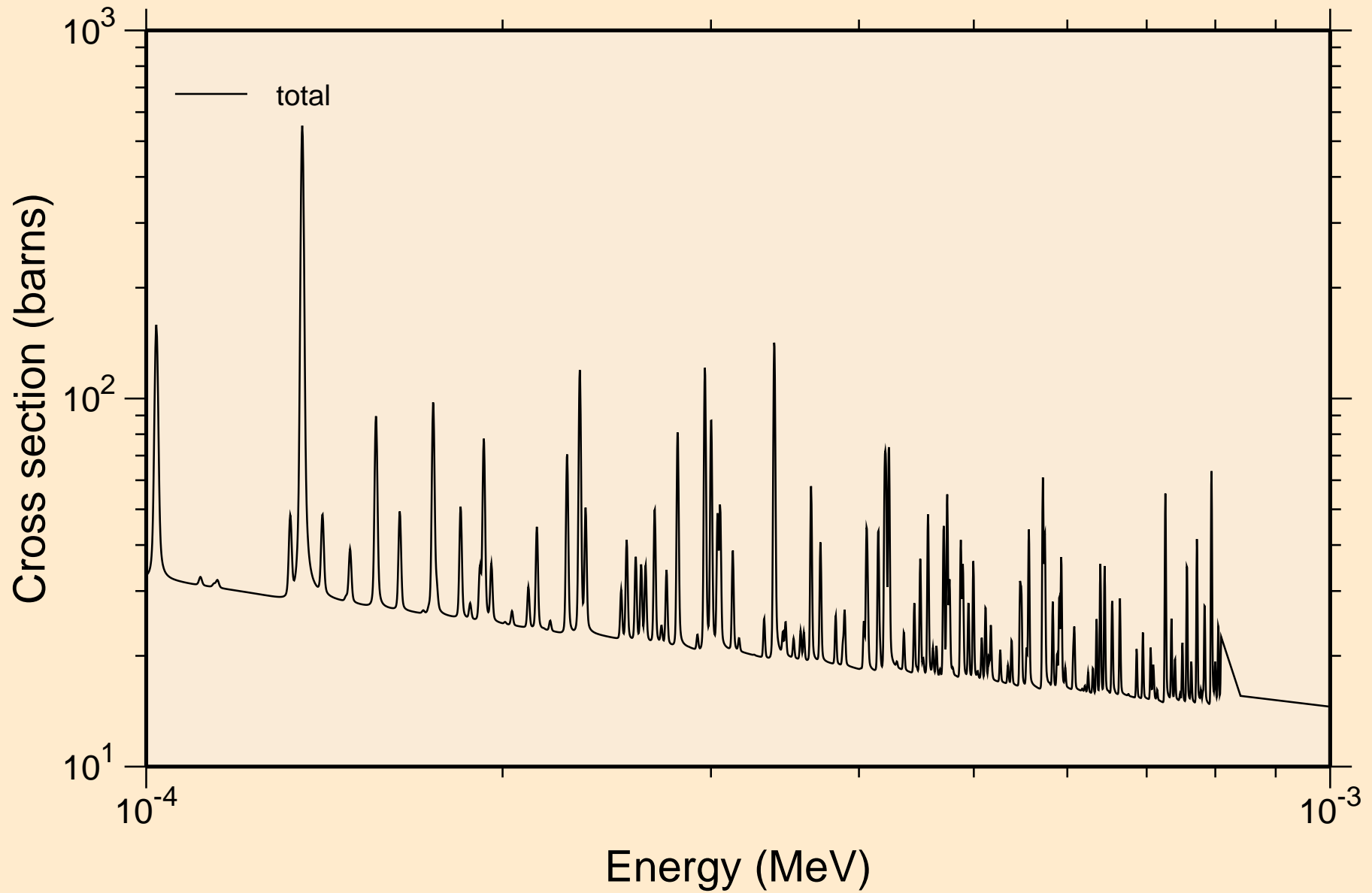
## Principal cross sections



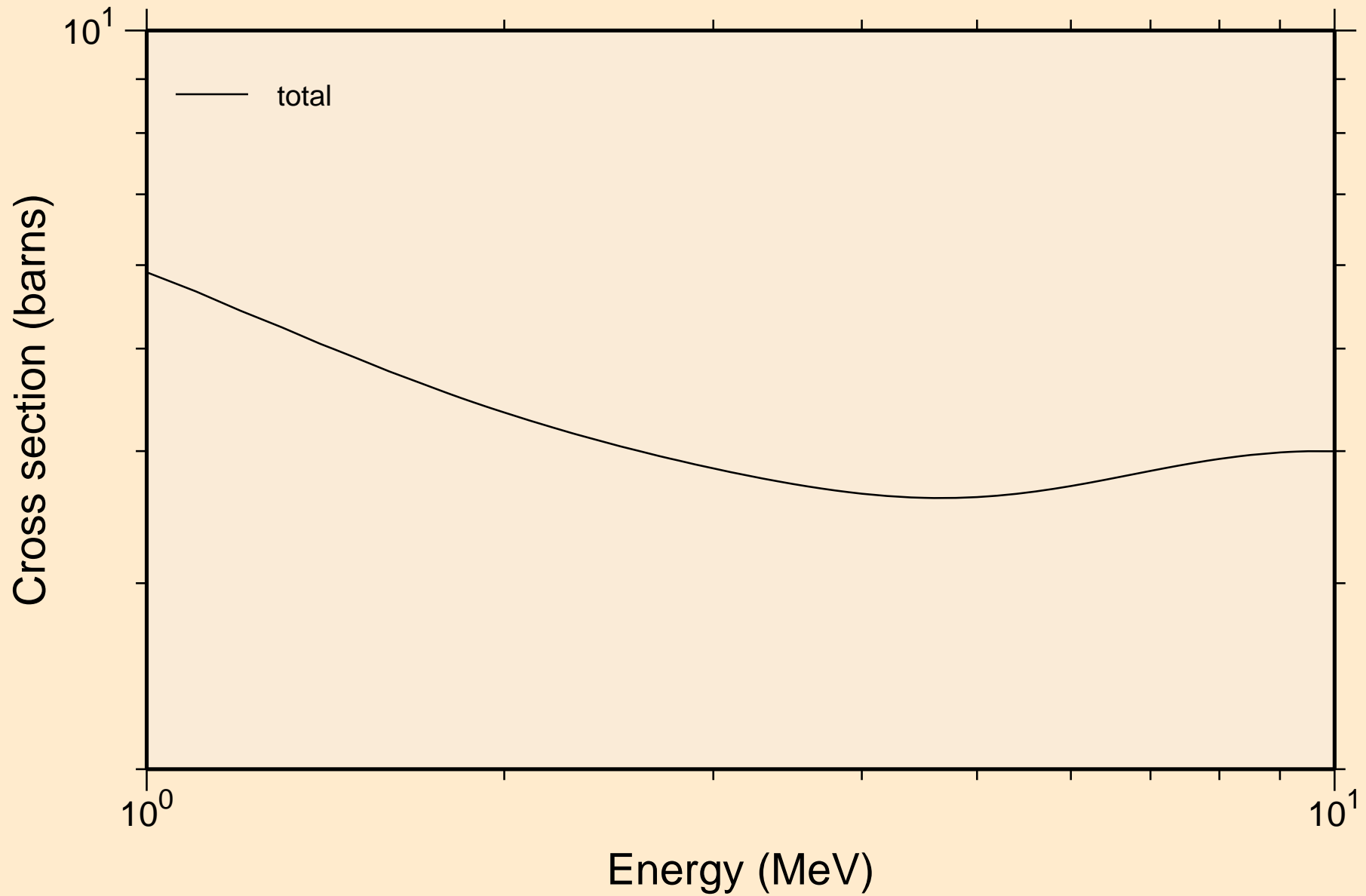
NB083 NRG TENDL-2015, AKONING  
resonance total cross section



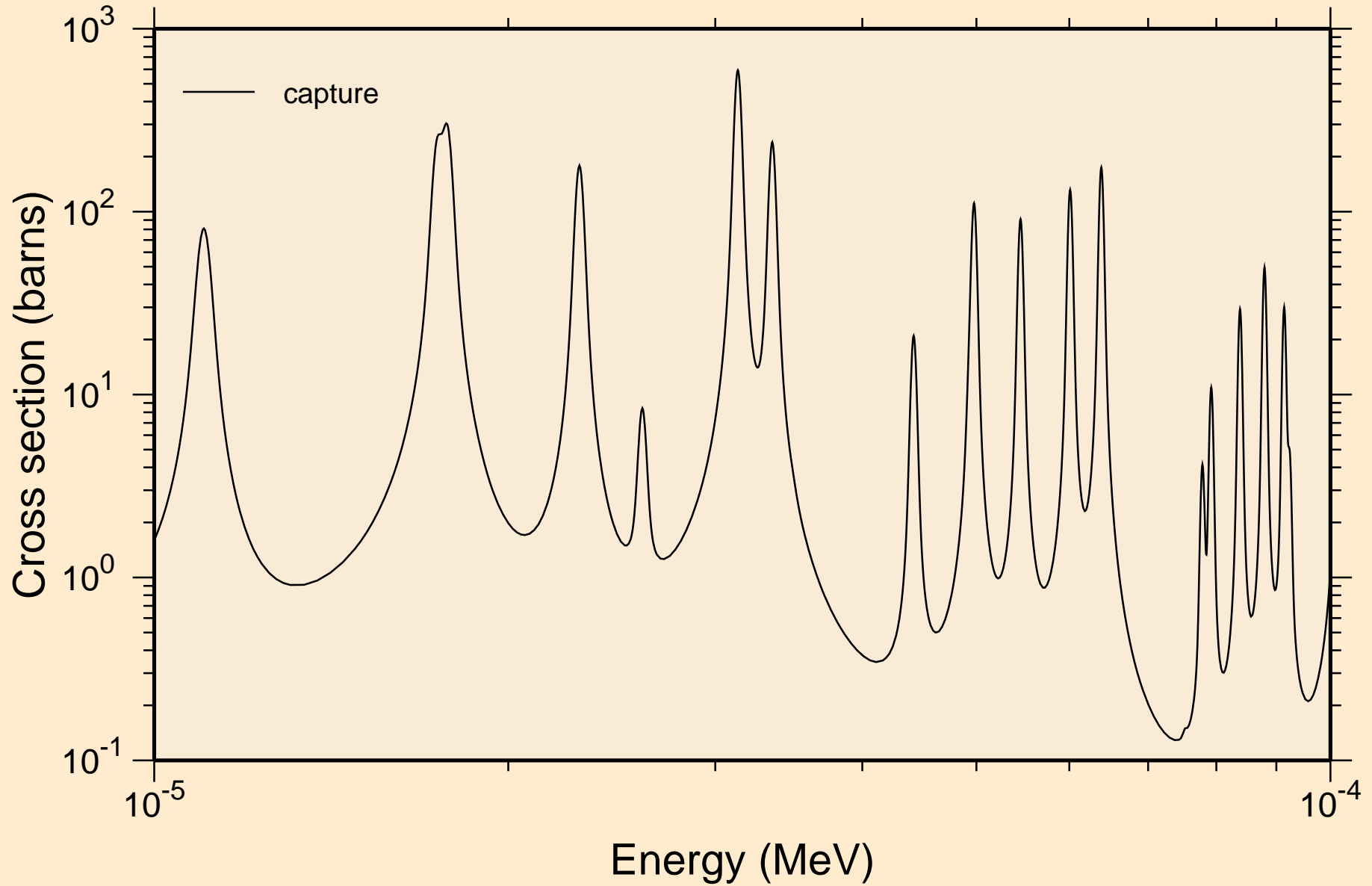
NB083 NRG TENDL-2015, AKONING  
resonance total cross section



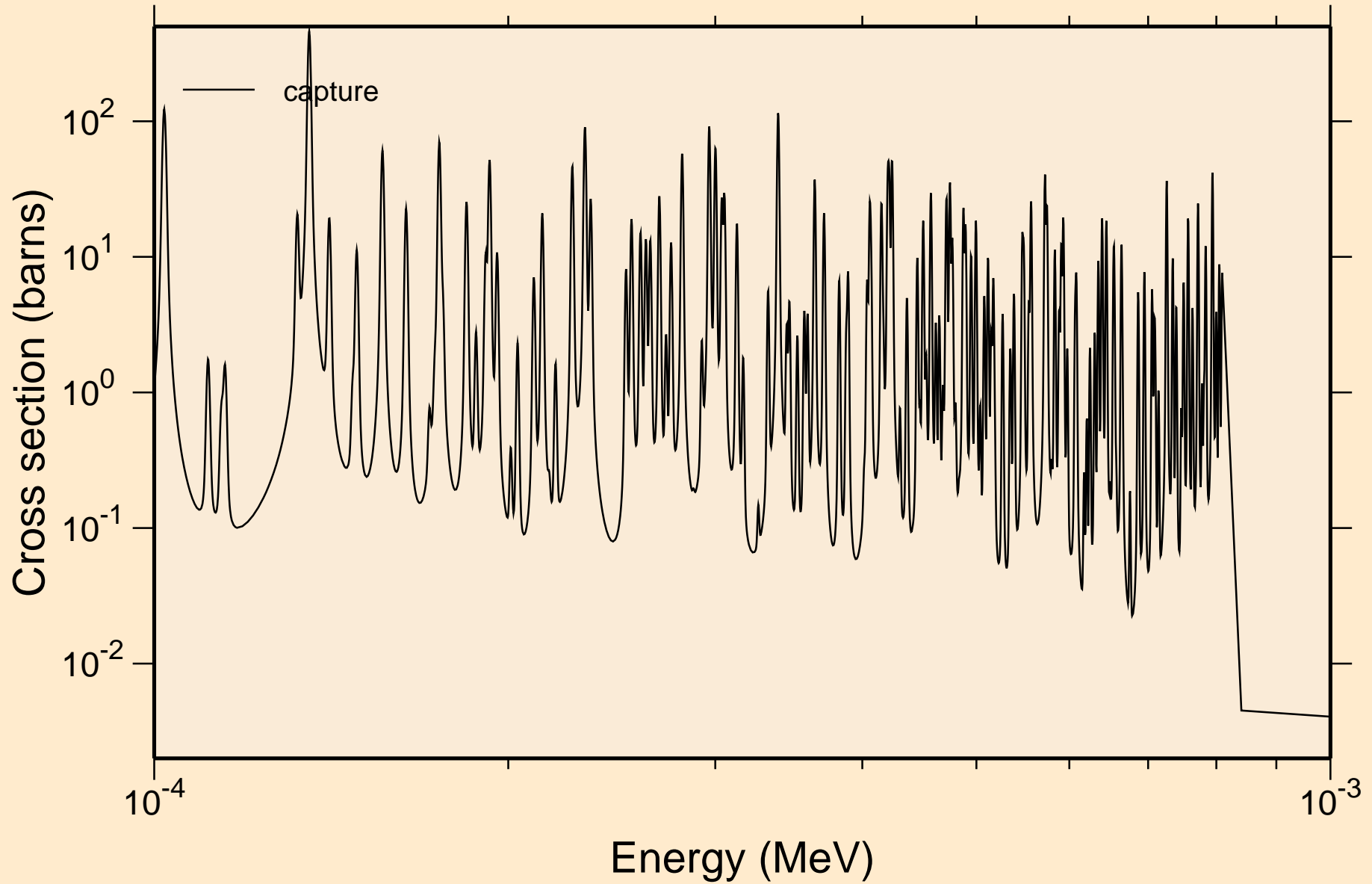
NB083 NRG TENDL-2015, AKONING  
resonance total cross section



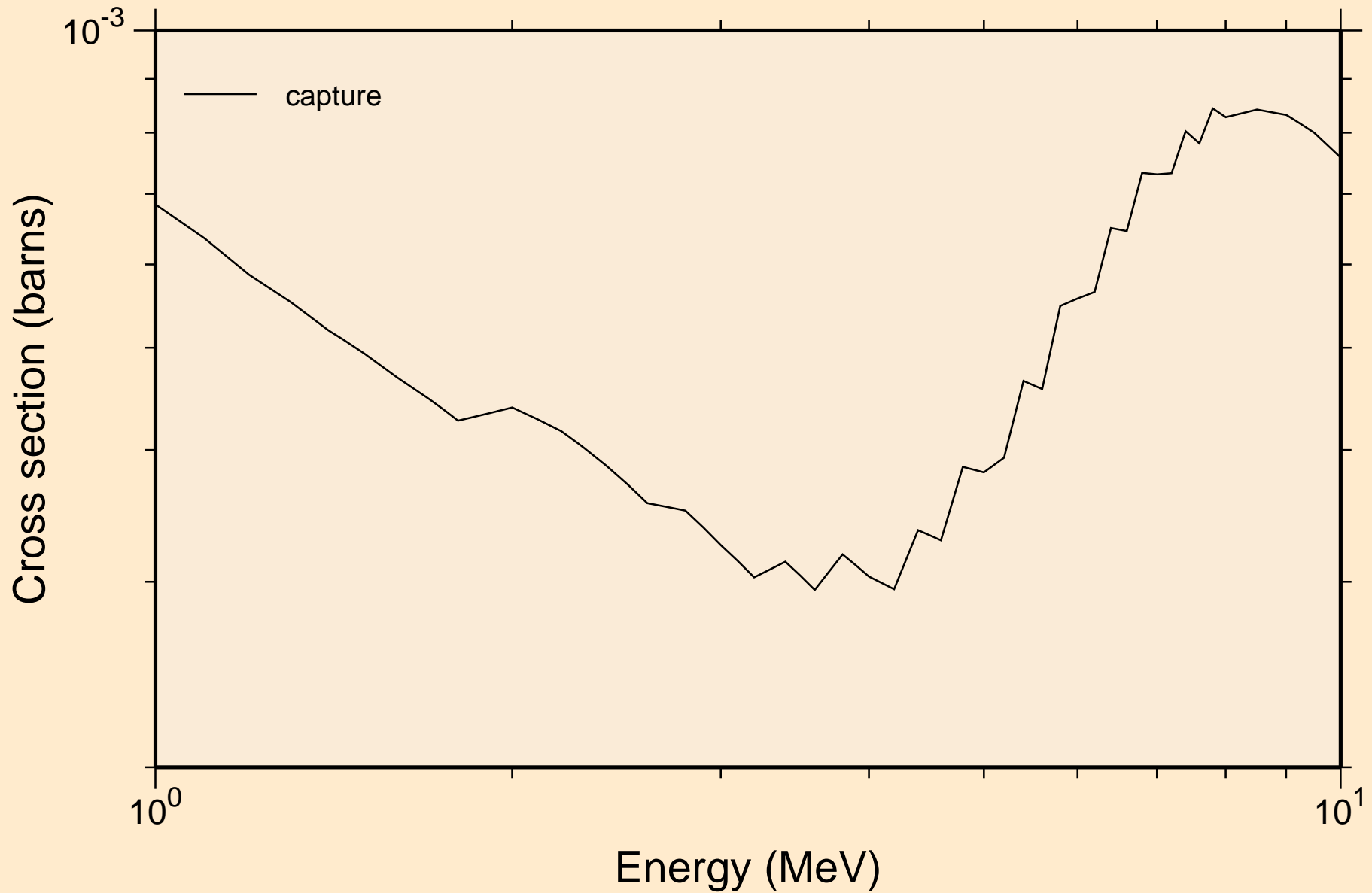
NB083 NRG TENDL-2015, AKONING  
resonance absorption cross sections



NB083 NRG TENDL-2015, AKONING  
resonance absorption cross sections

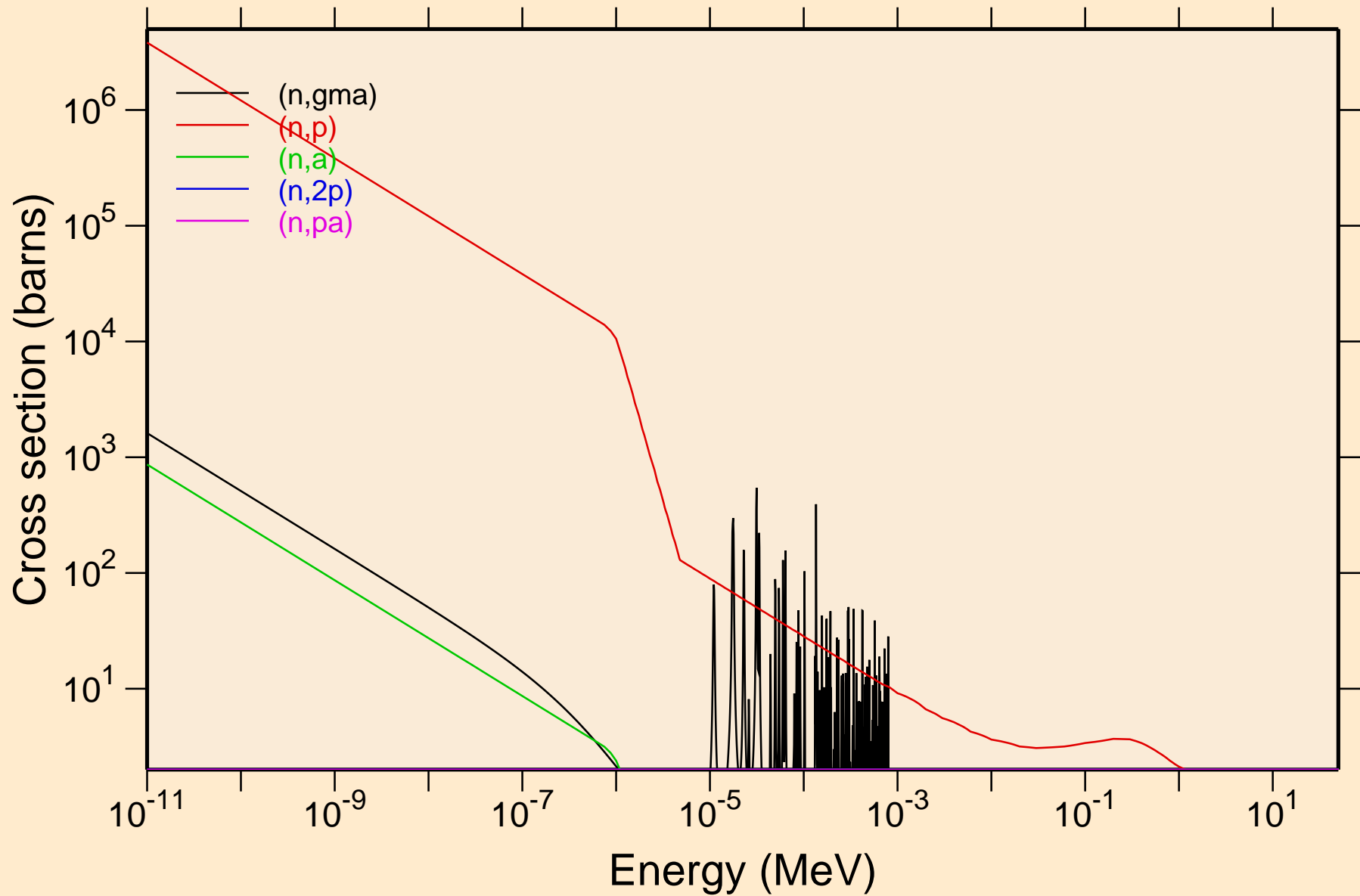


NB083 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# NB083 NRG TENDL-2015, AKONING

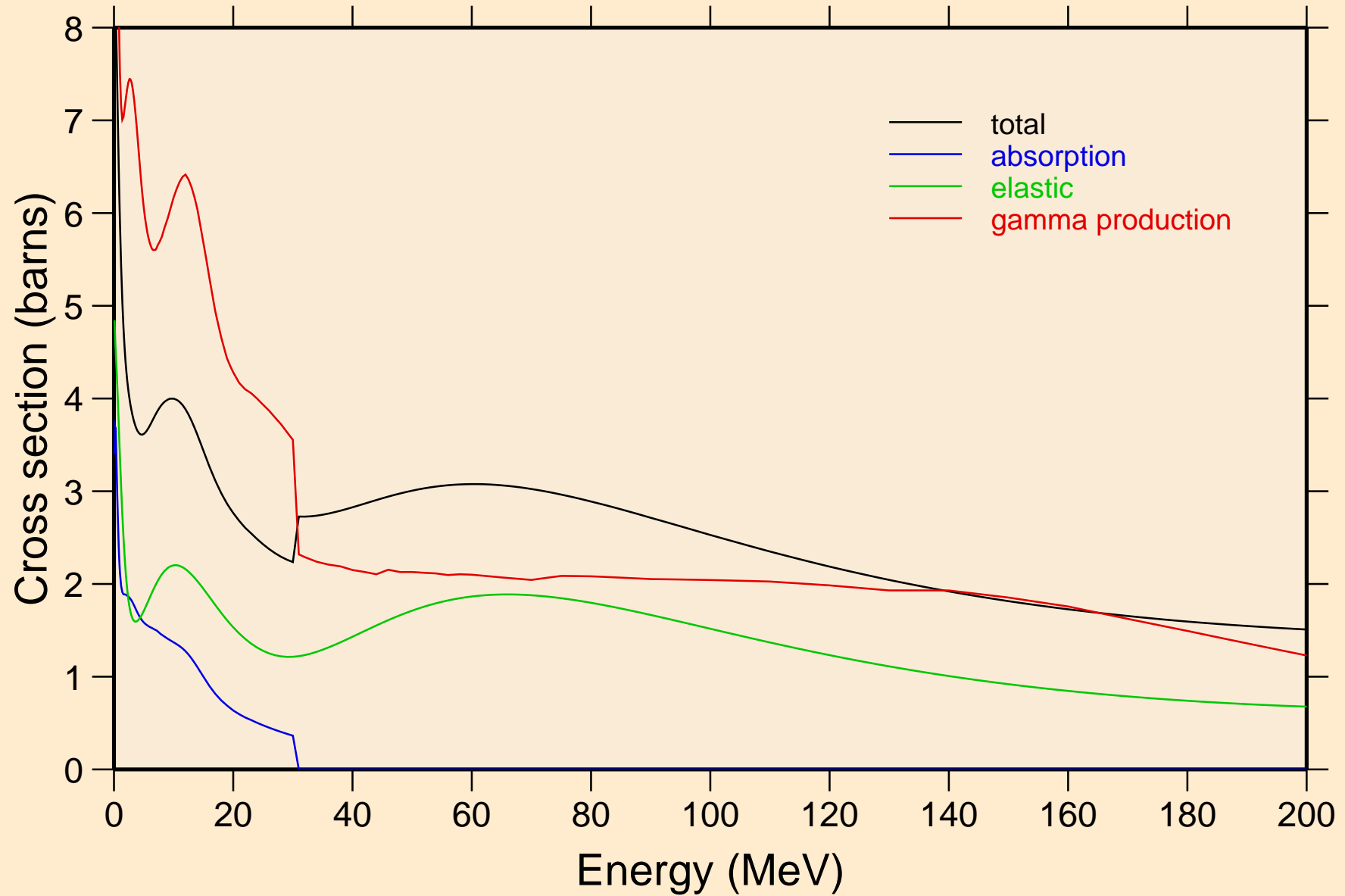
## Non-threshold reactions





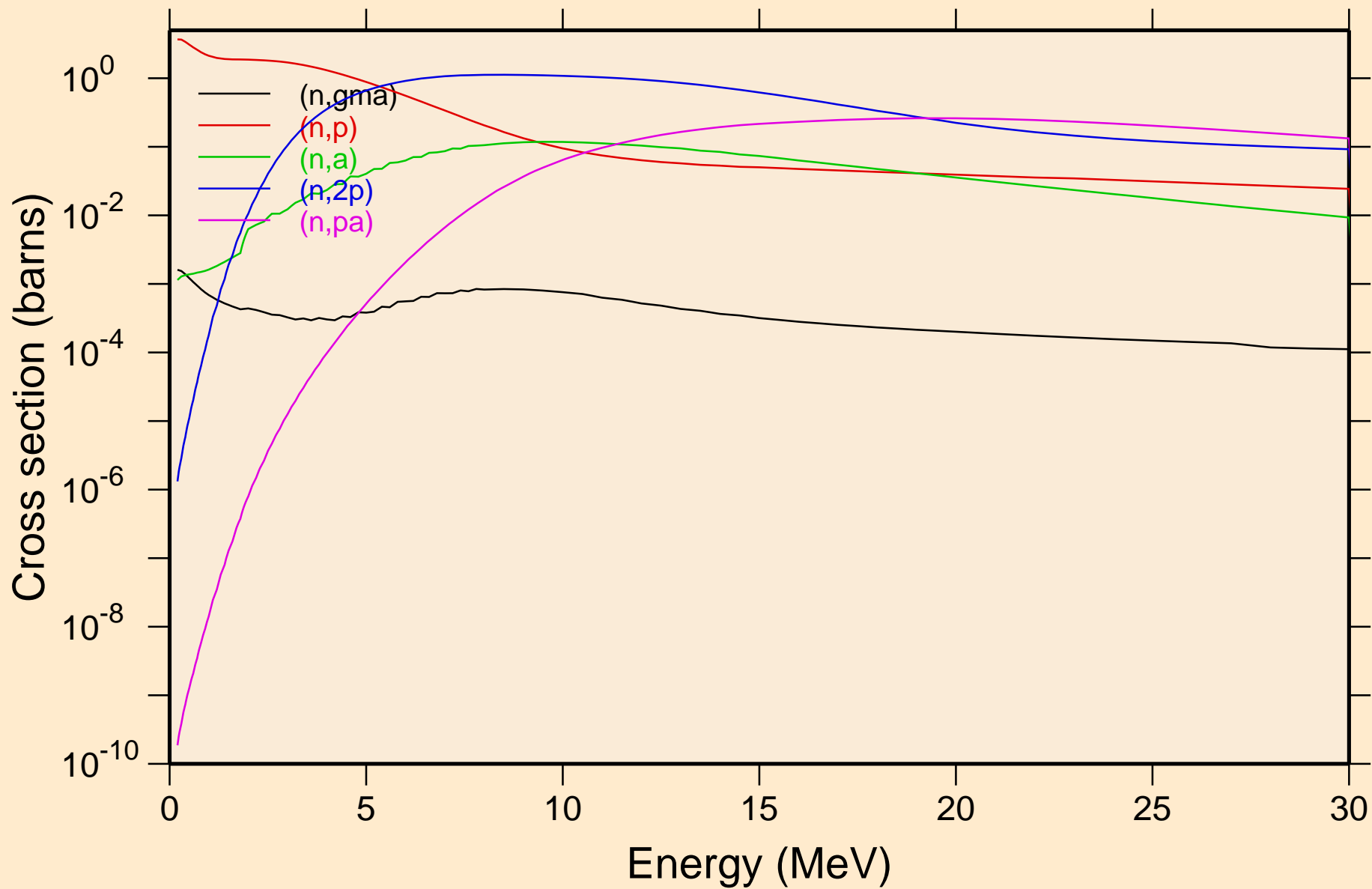
# NB083 NRG TENDL-2015, AKONING

## Principal cross sections



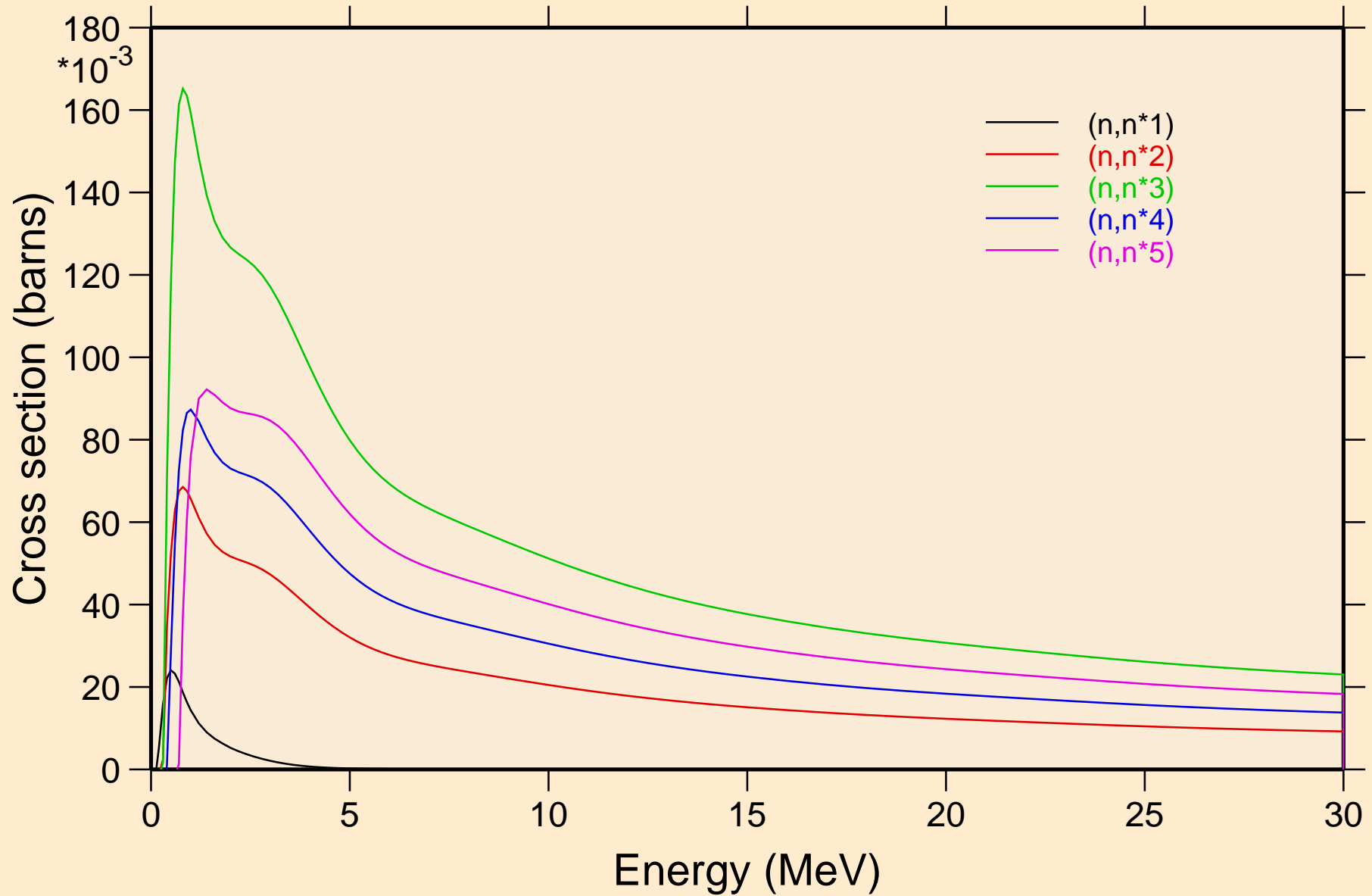
# NB083 NRG TENDL-2015, AKONING

## Non-threshold reactions



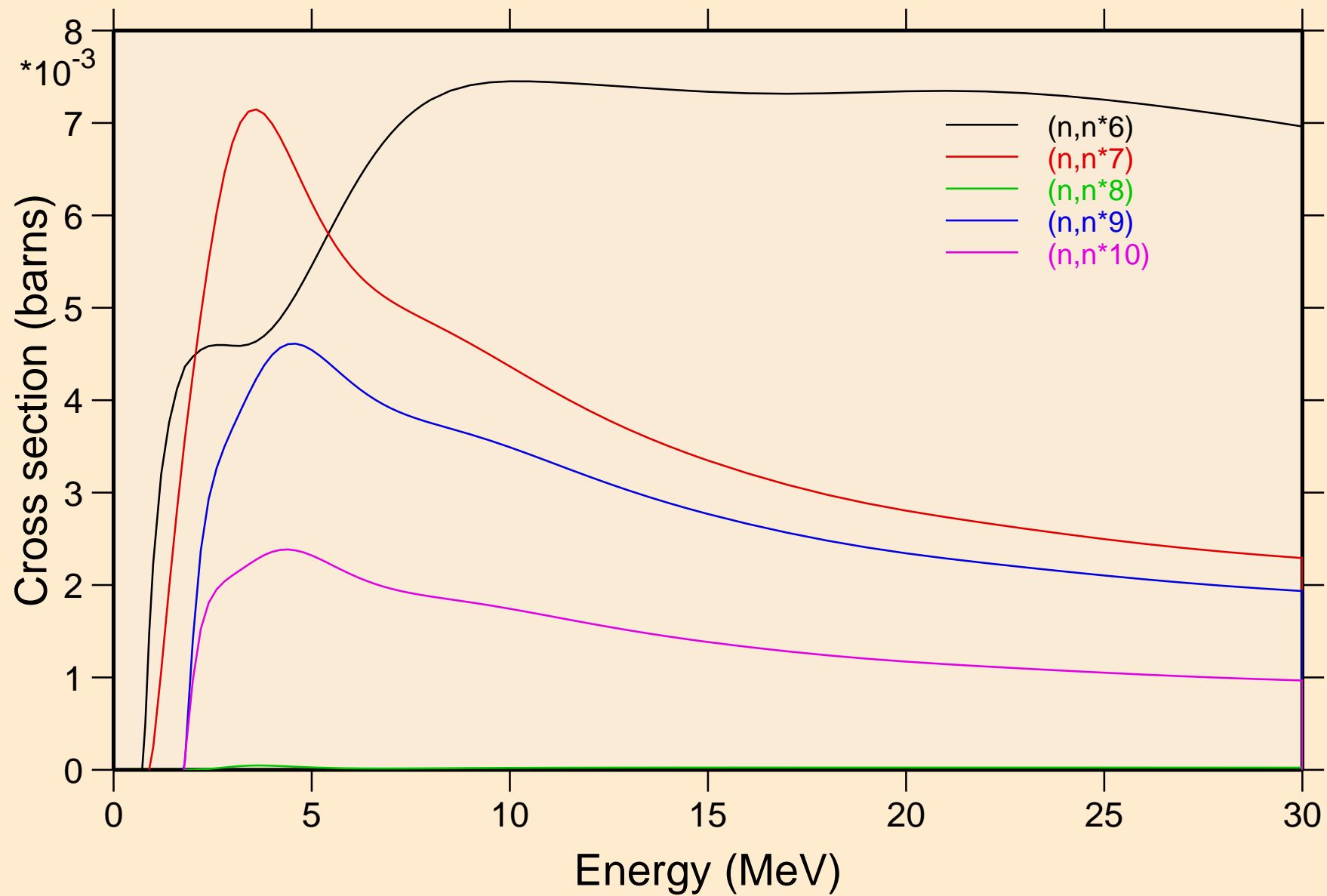
# NB083 NRG TENDL-2015, AKONING

## Inelastic levels



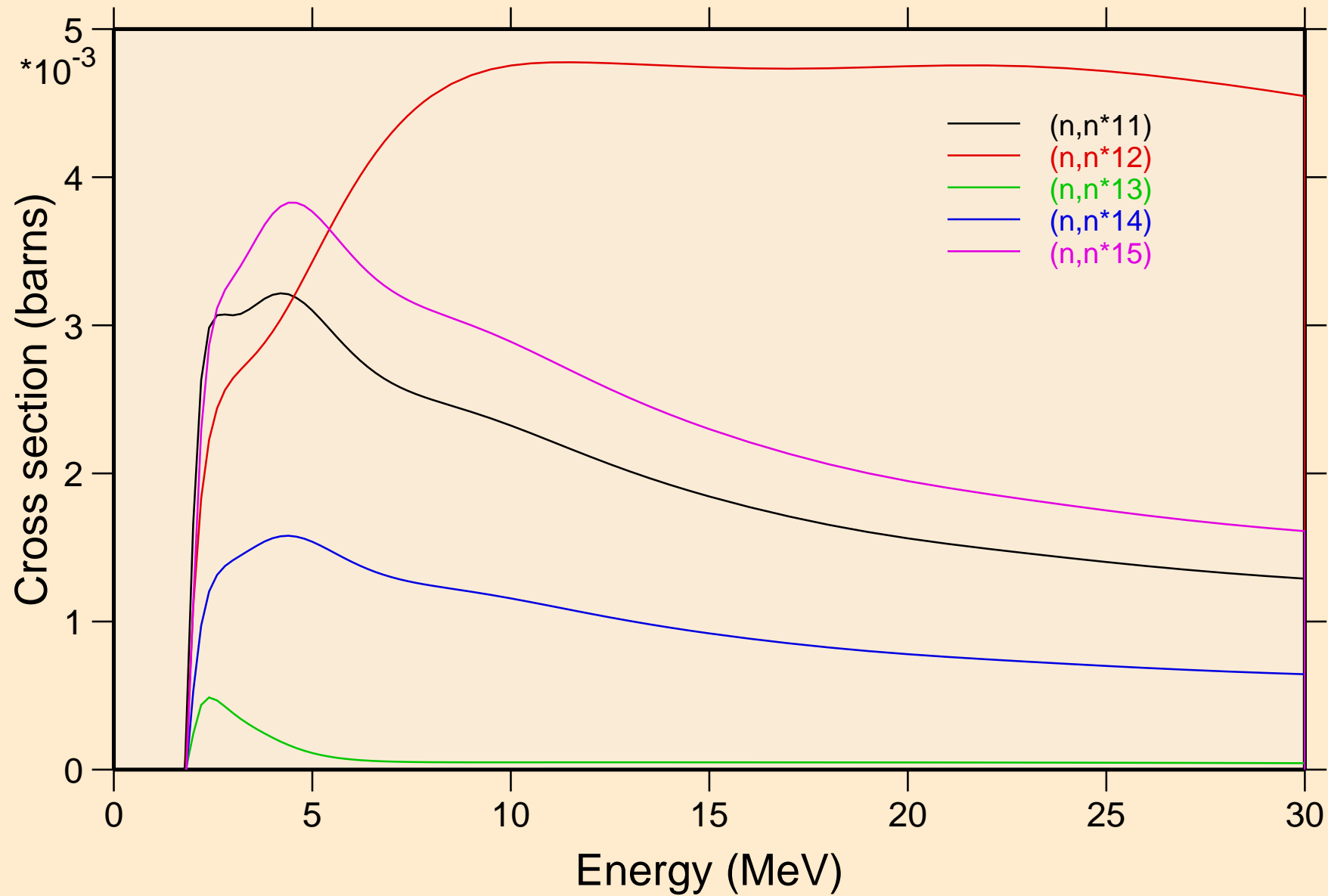
# NB083 NRG TENDL-2015, AKONING

## Inelastic levels



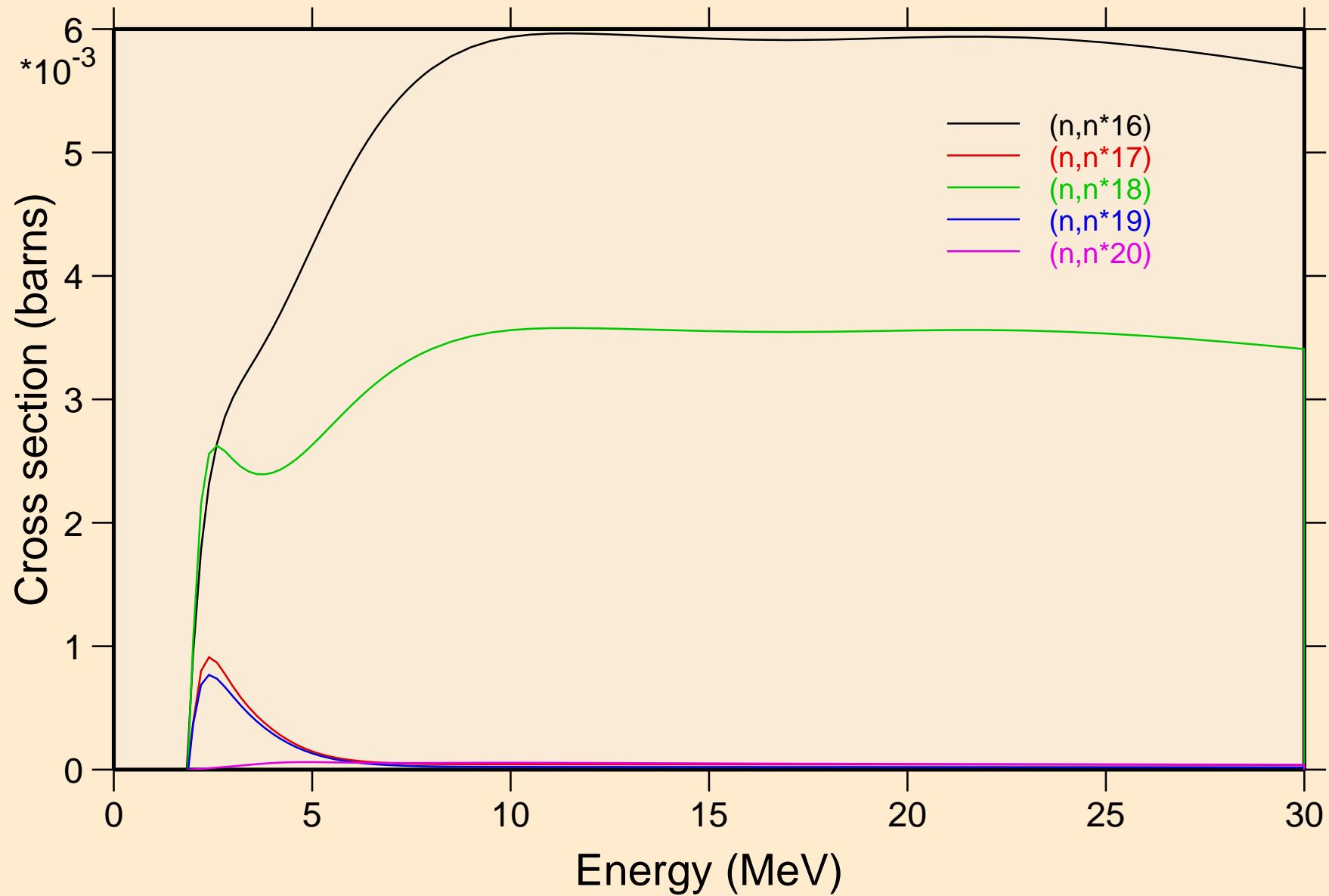
# NB083 NRG TENDL-2015, AKONING

## Inelastic levels



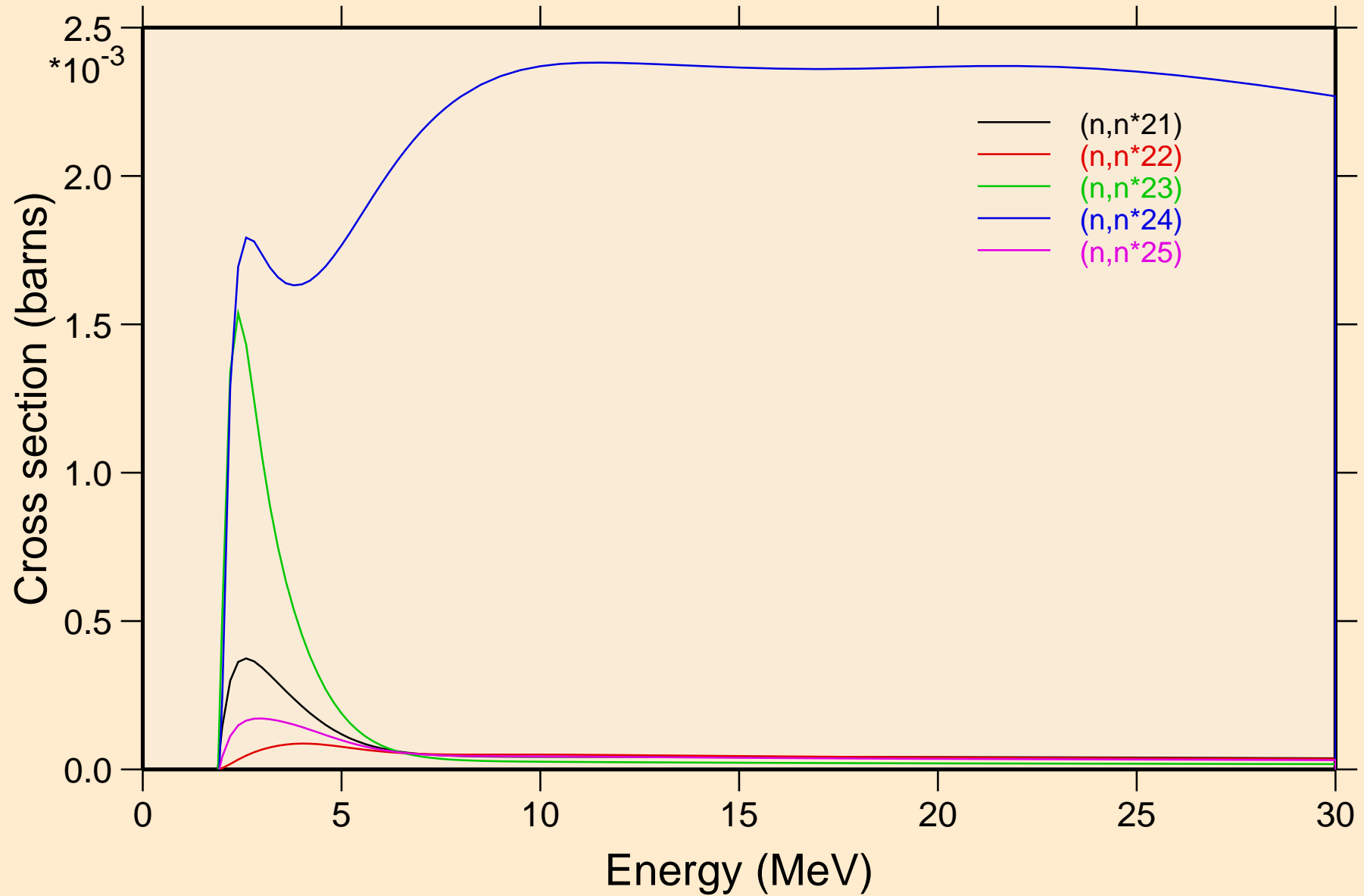
# NB083 NRG TENDL-2015, AKONING

## Inelastic levels



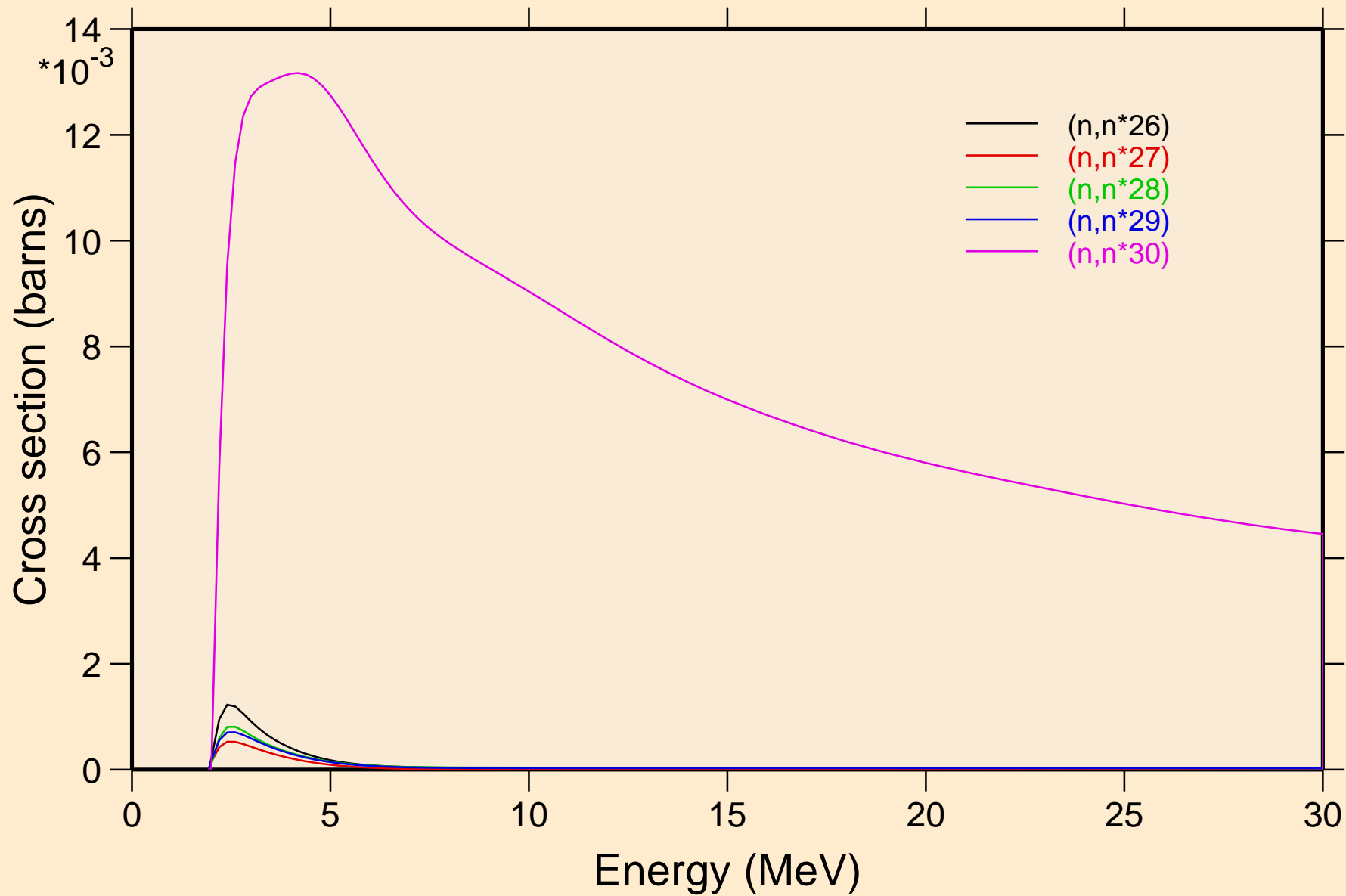
# NB083 NRG TENDL-2015, AKONING

## Inelastic levels



# NB083 NRG TENDL-2015, AKONING

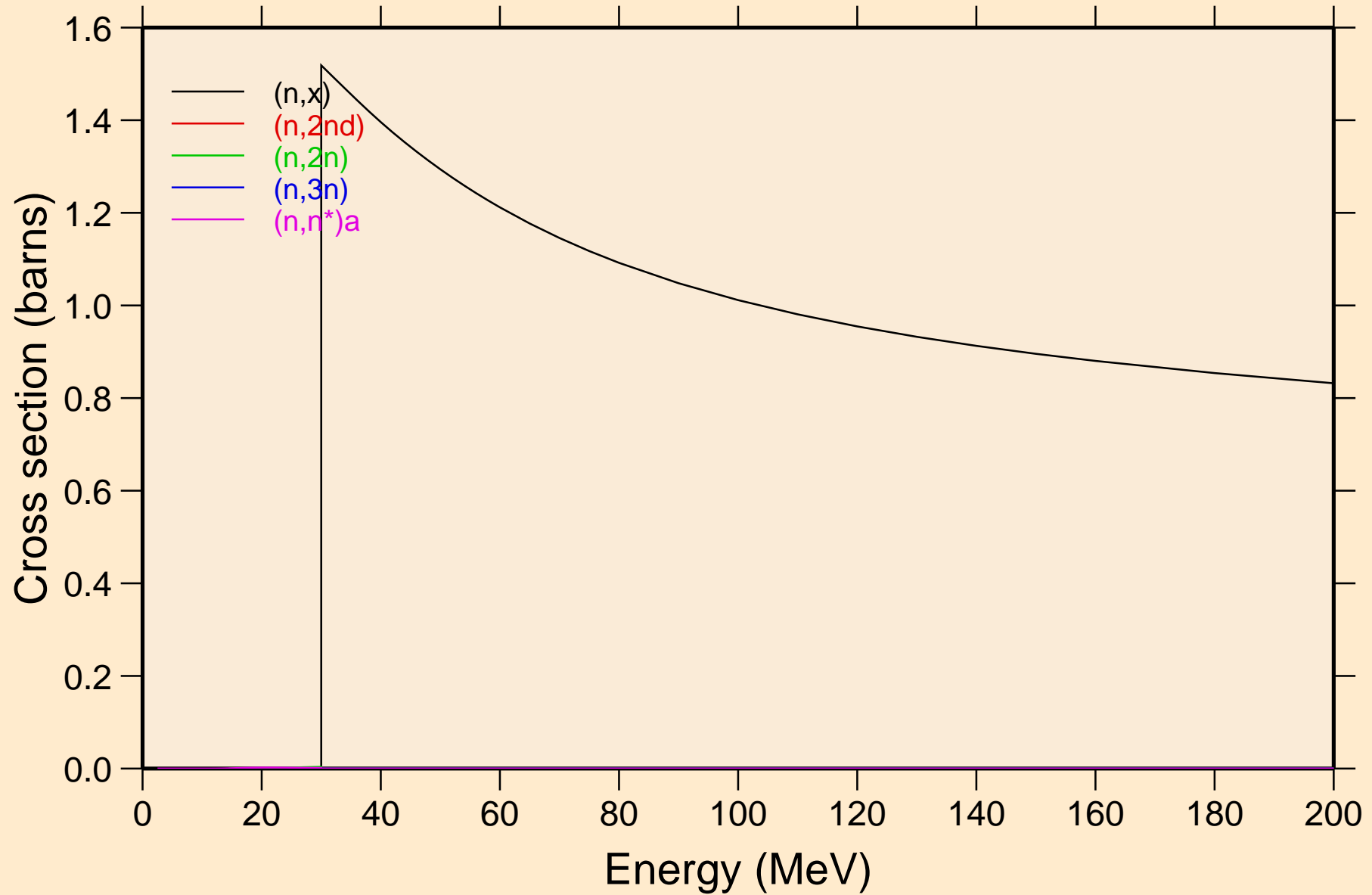
## Inelastic levels





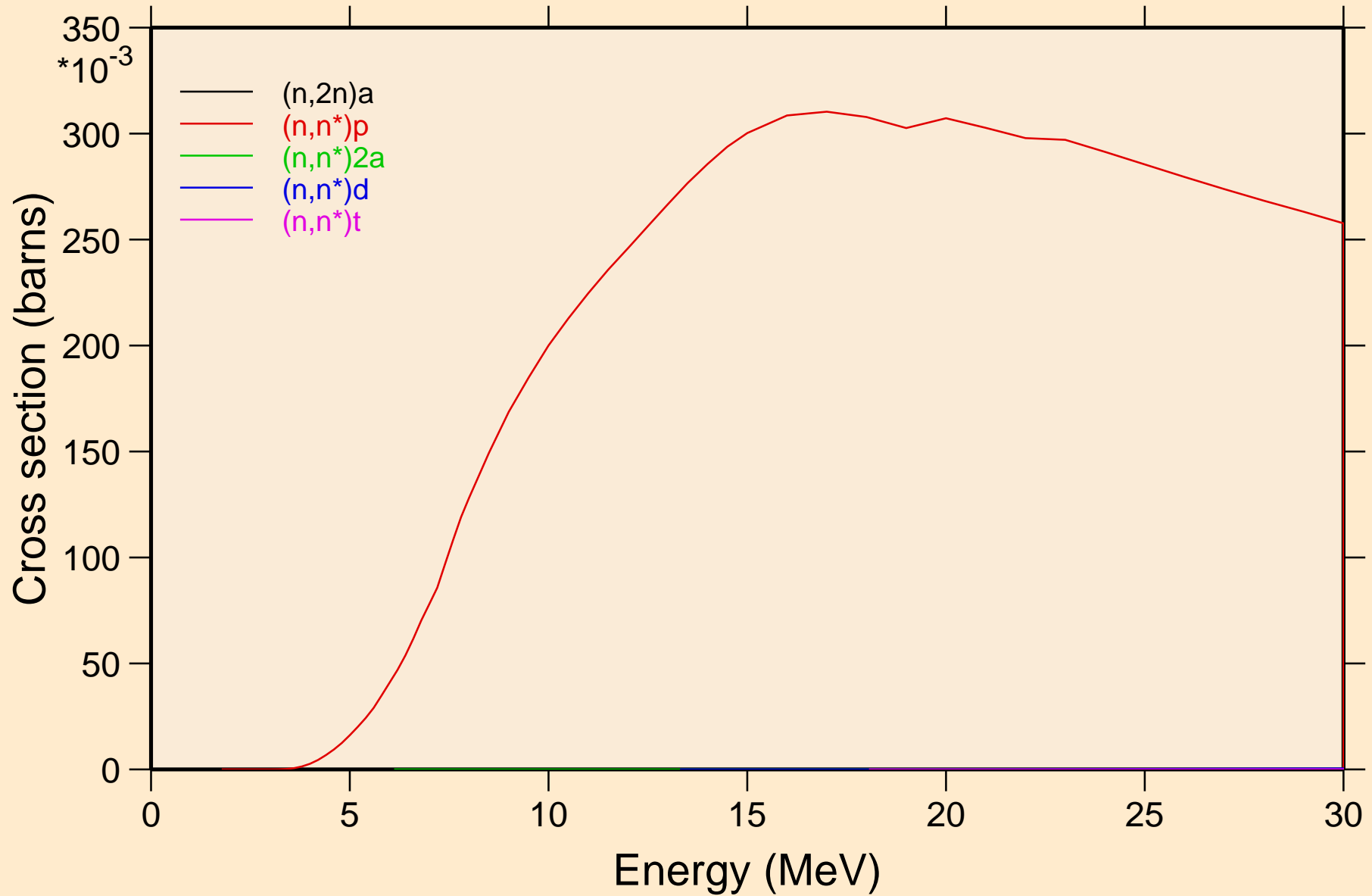
# NB083 NRG TENDL-2015, AKONING

## Threshold reactions



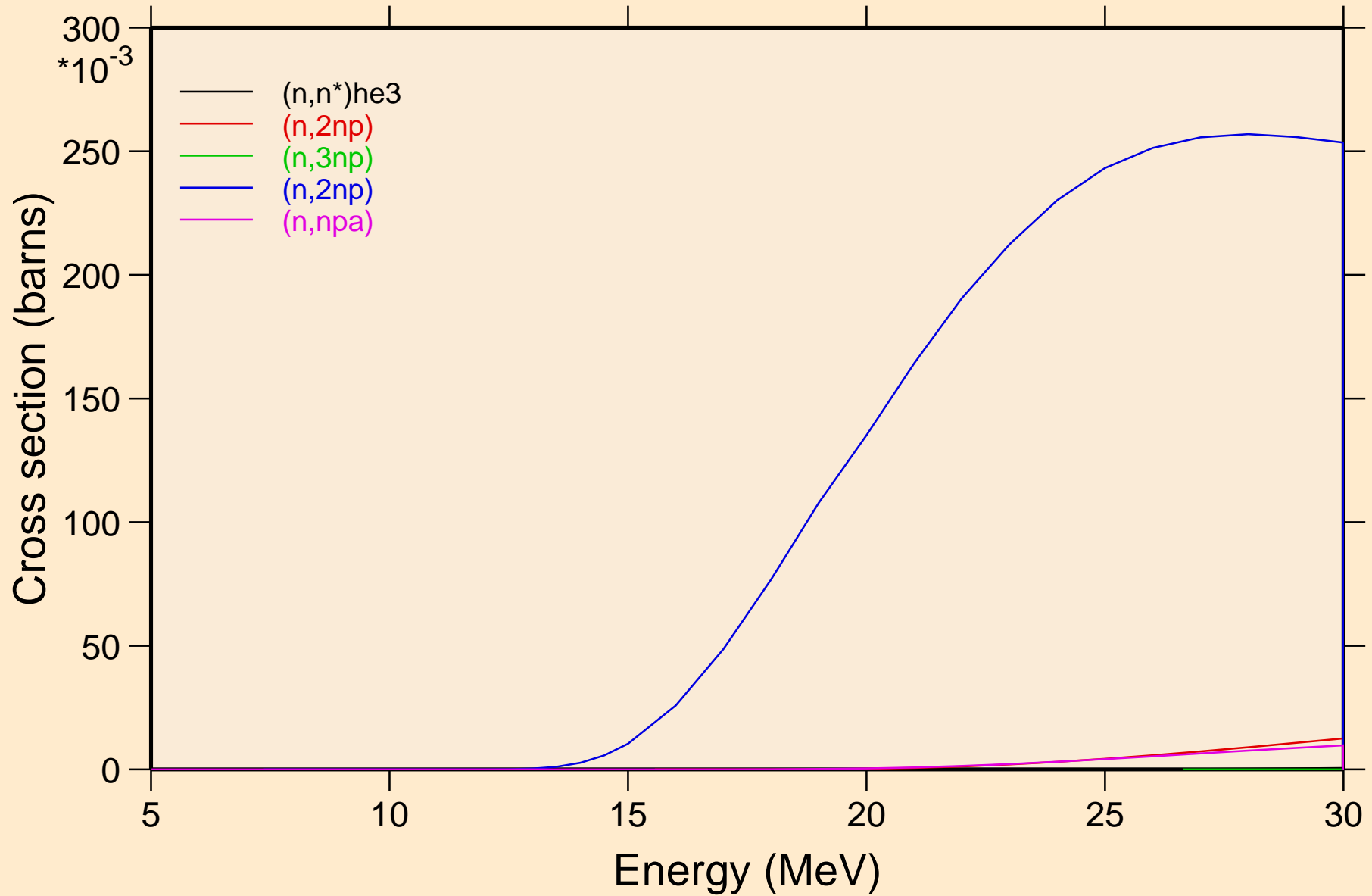
# NB083 NRG TENDL-2015, AKONING

## Threshold reactions



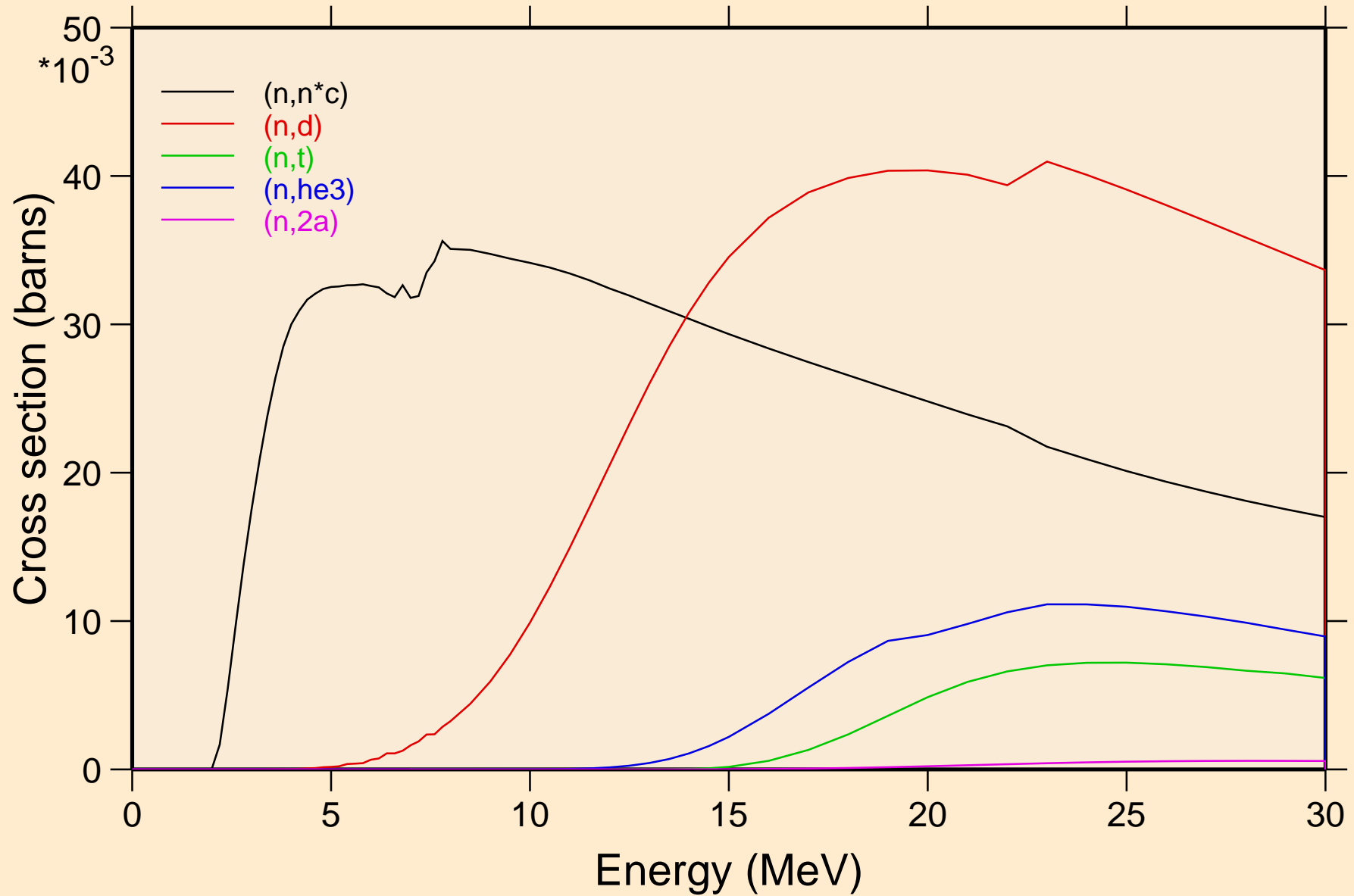
# NB083 NRG TENDL-2015, AKONING

## Threshold reactions



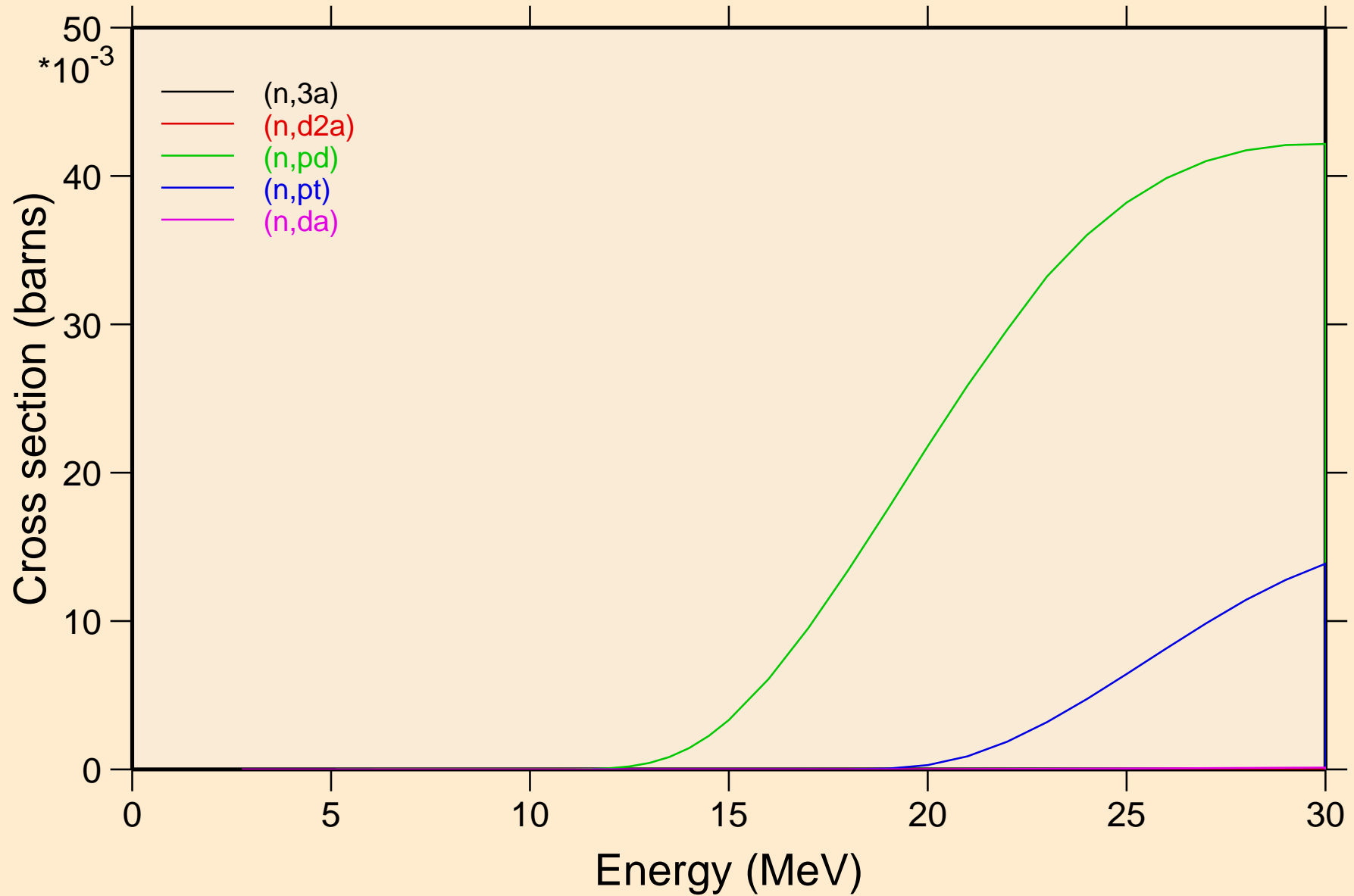
# NB083 NRG TENDL-2015, AKONING

## Threshold reactions

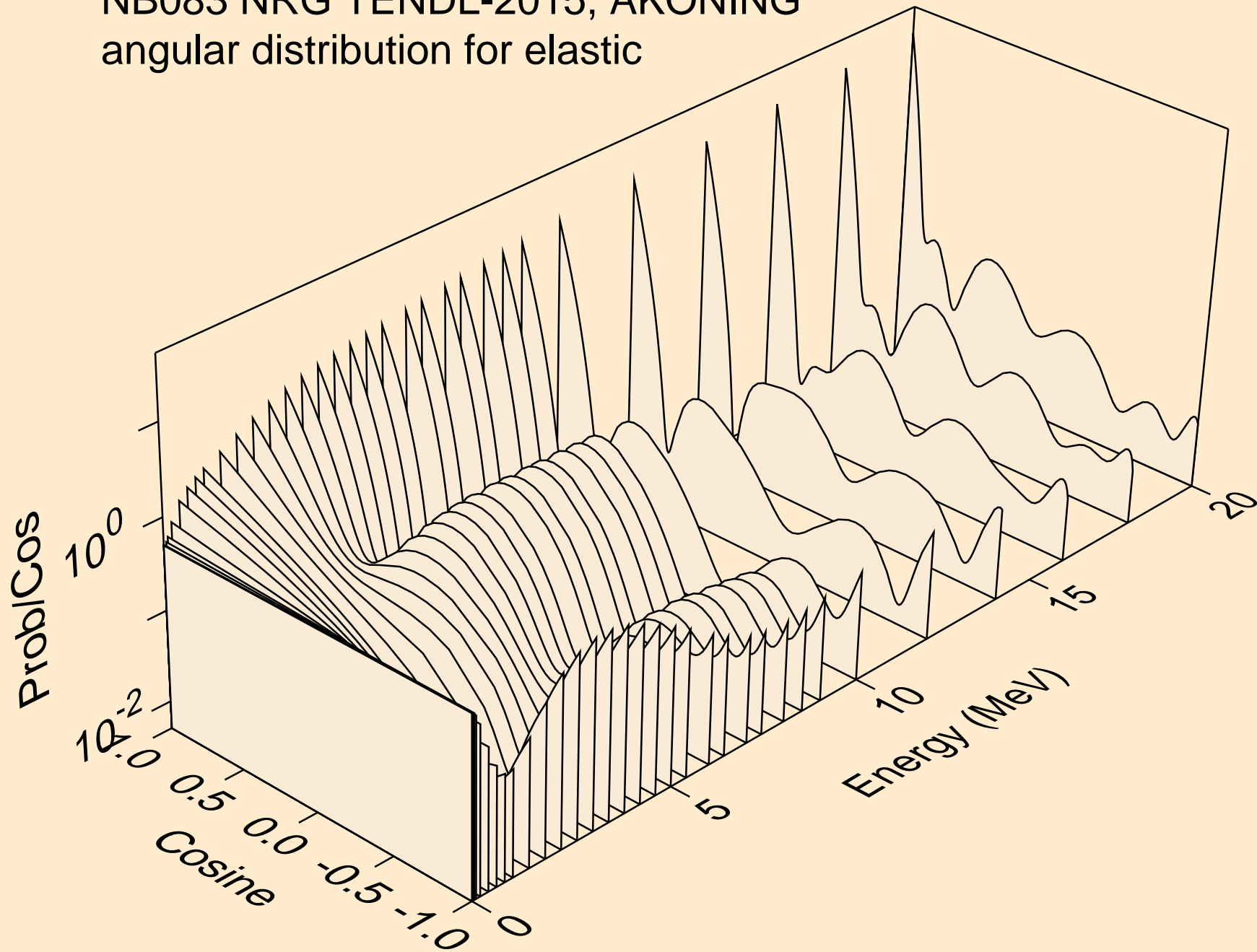


# NB083 NRG TENDL-2015, AKONING

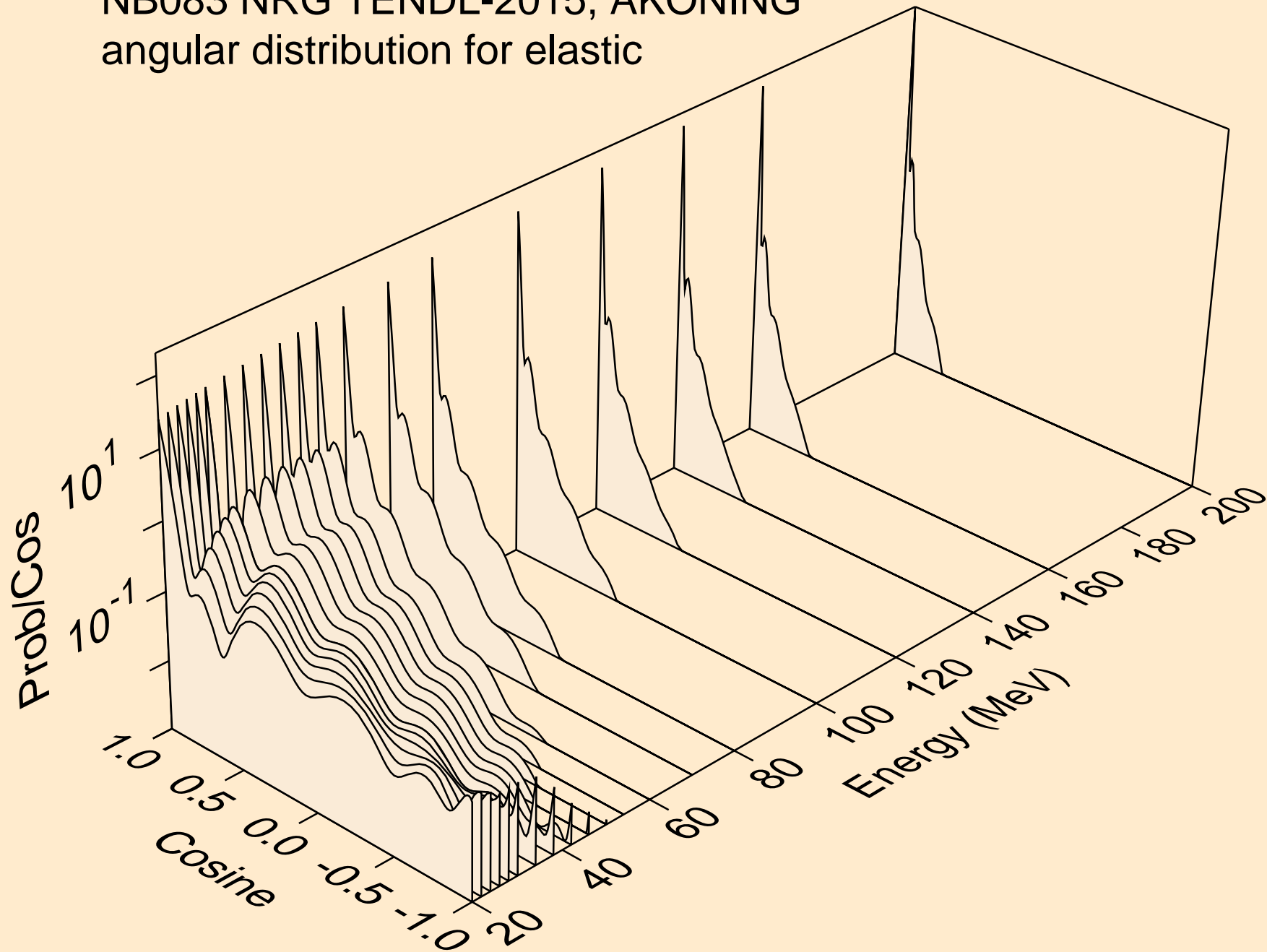
## Threshold reactions



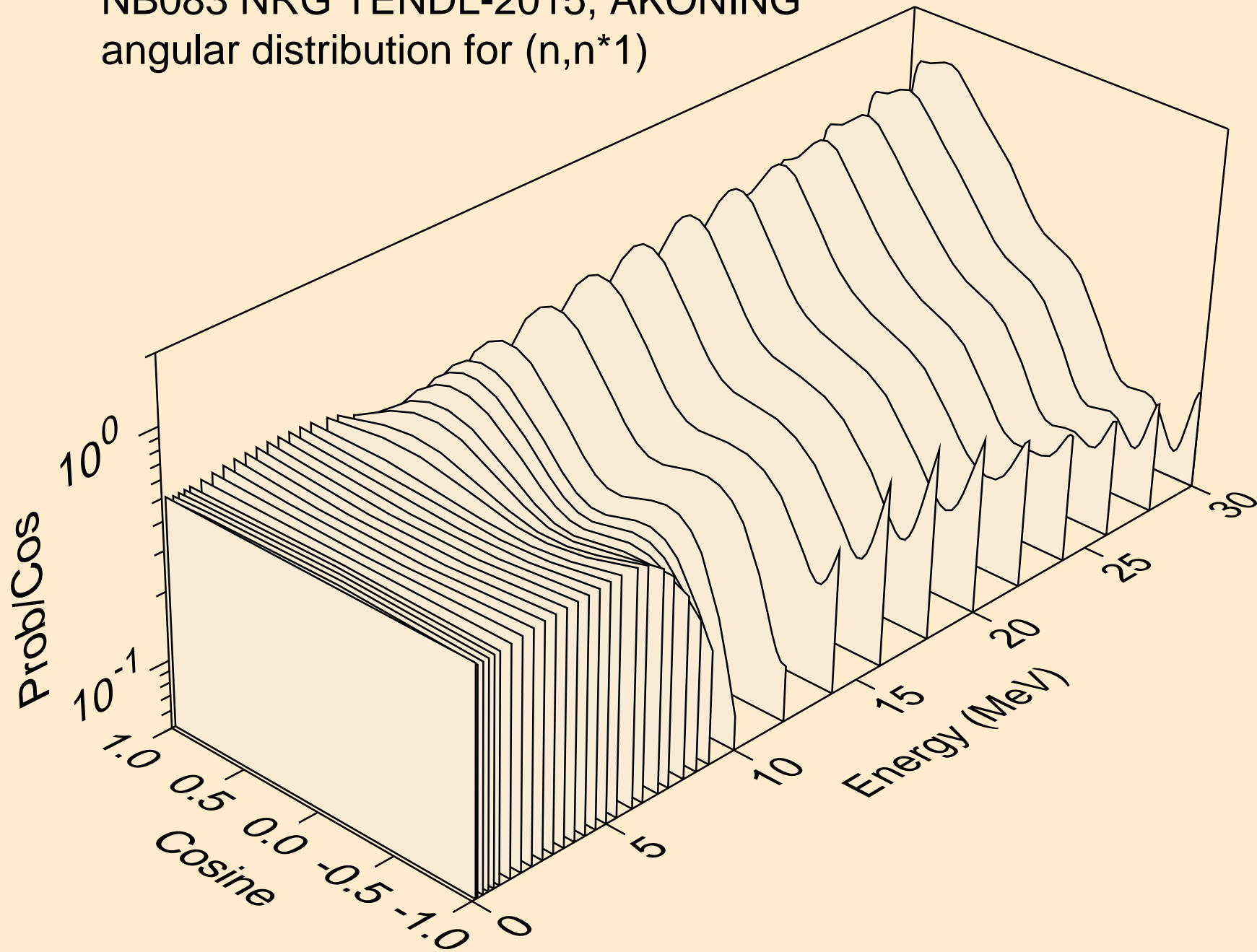
NB083 NRG TENDL-2015, AKONING  
angular distribution for elastic



NB083 NRG TENDL-2015, AKONING  
angular distribution for elastic

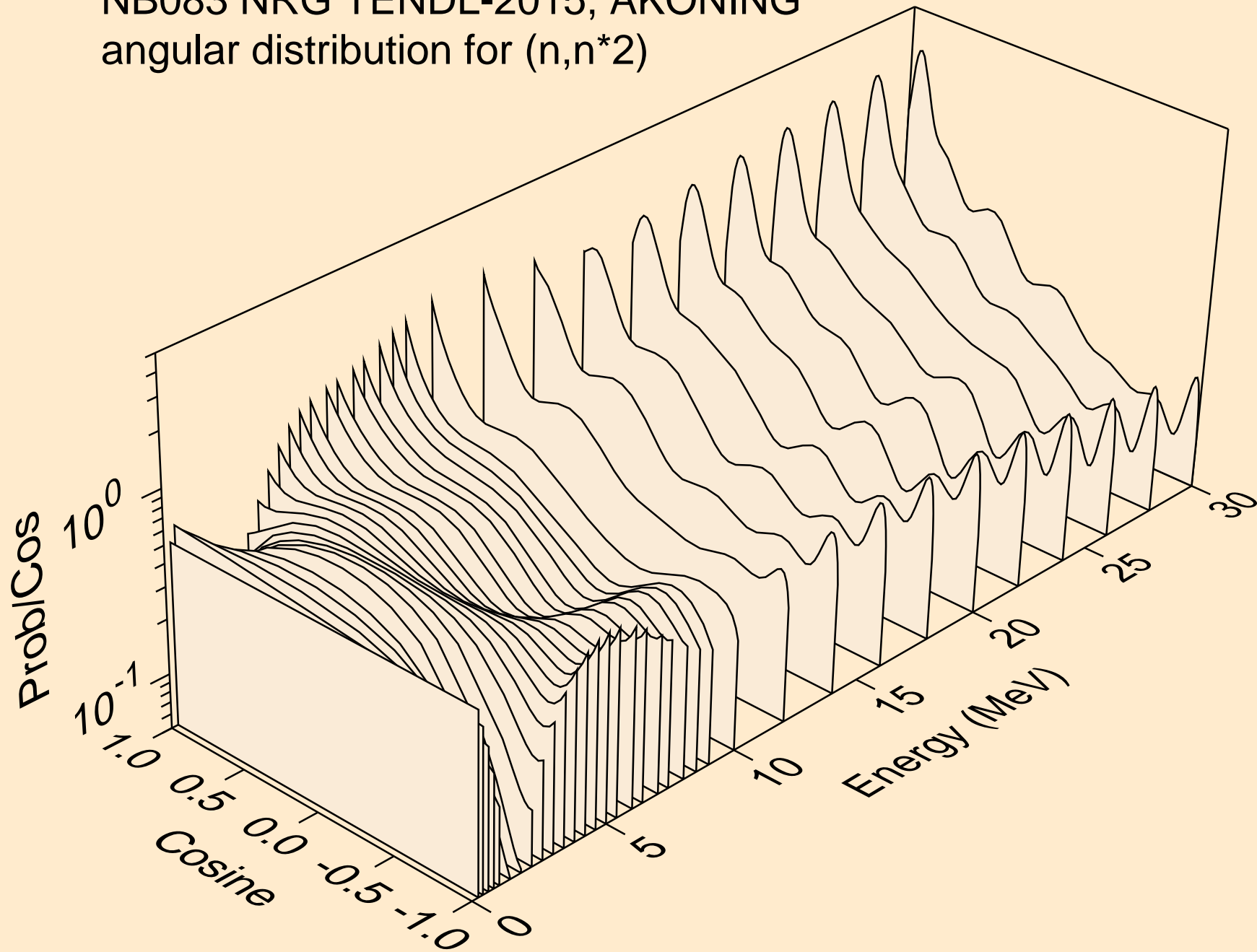


NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

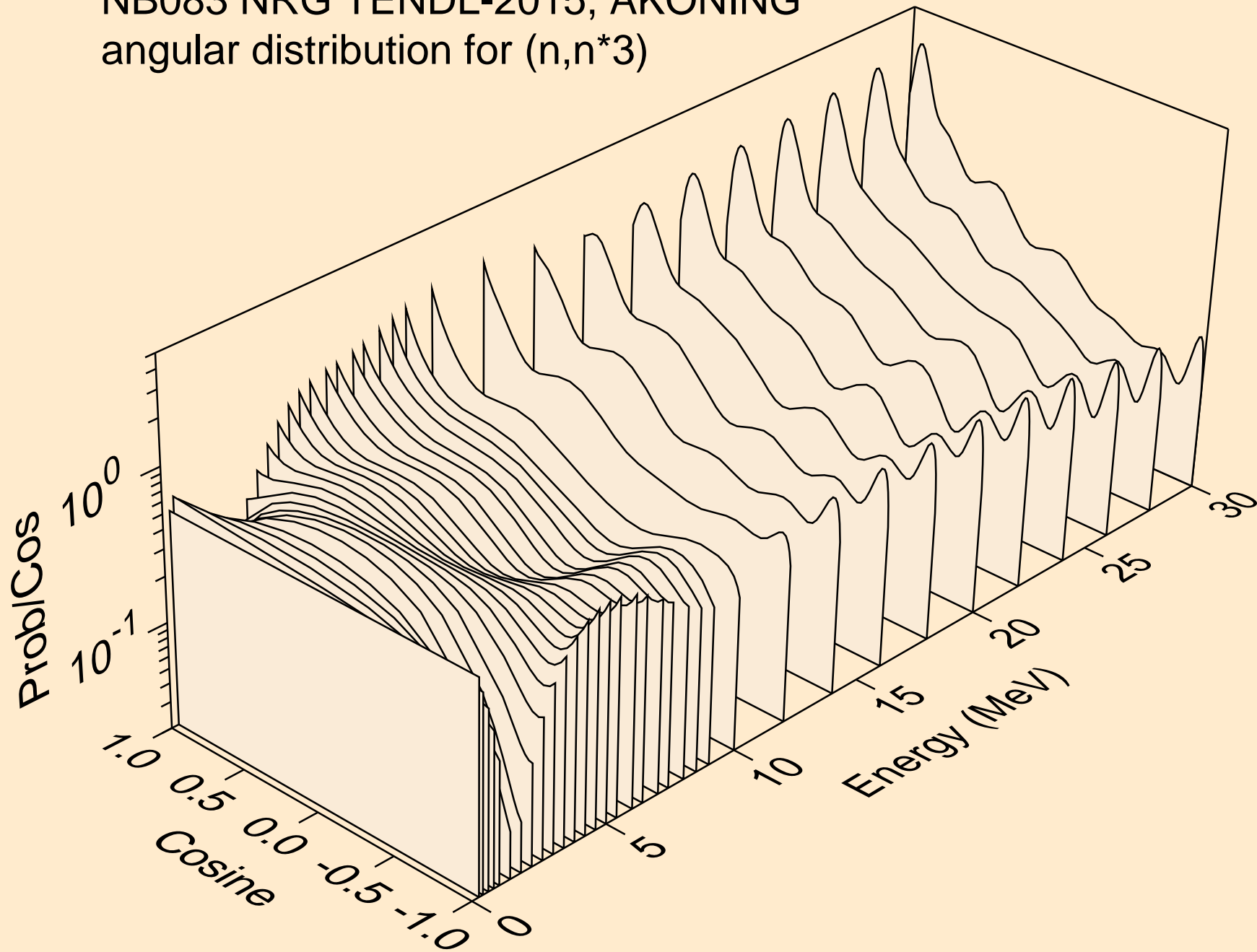




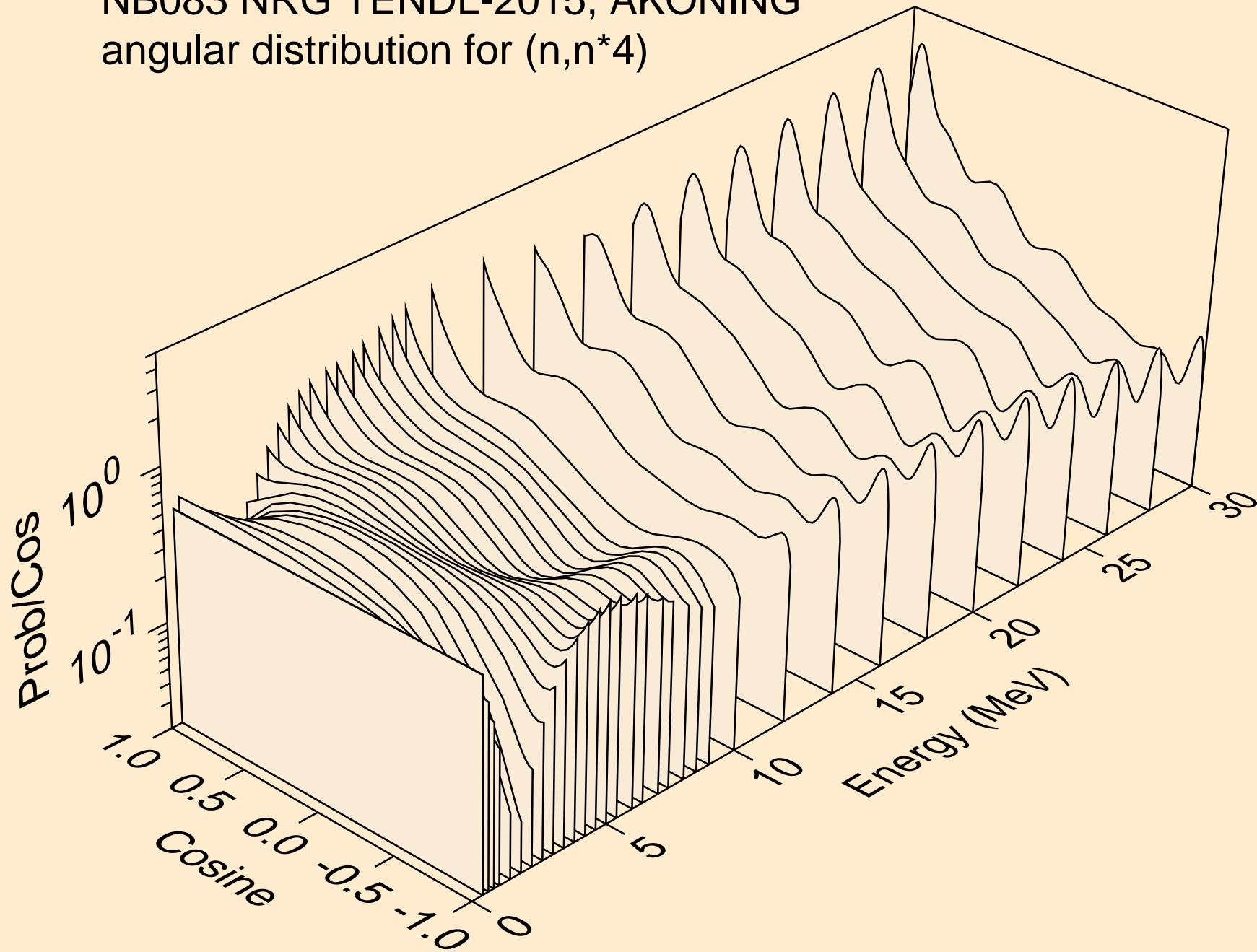
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



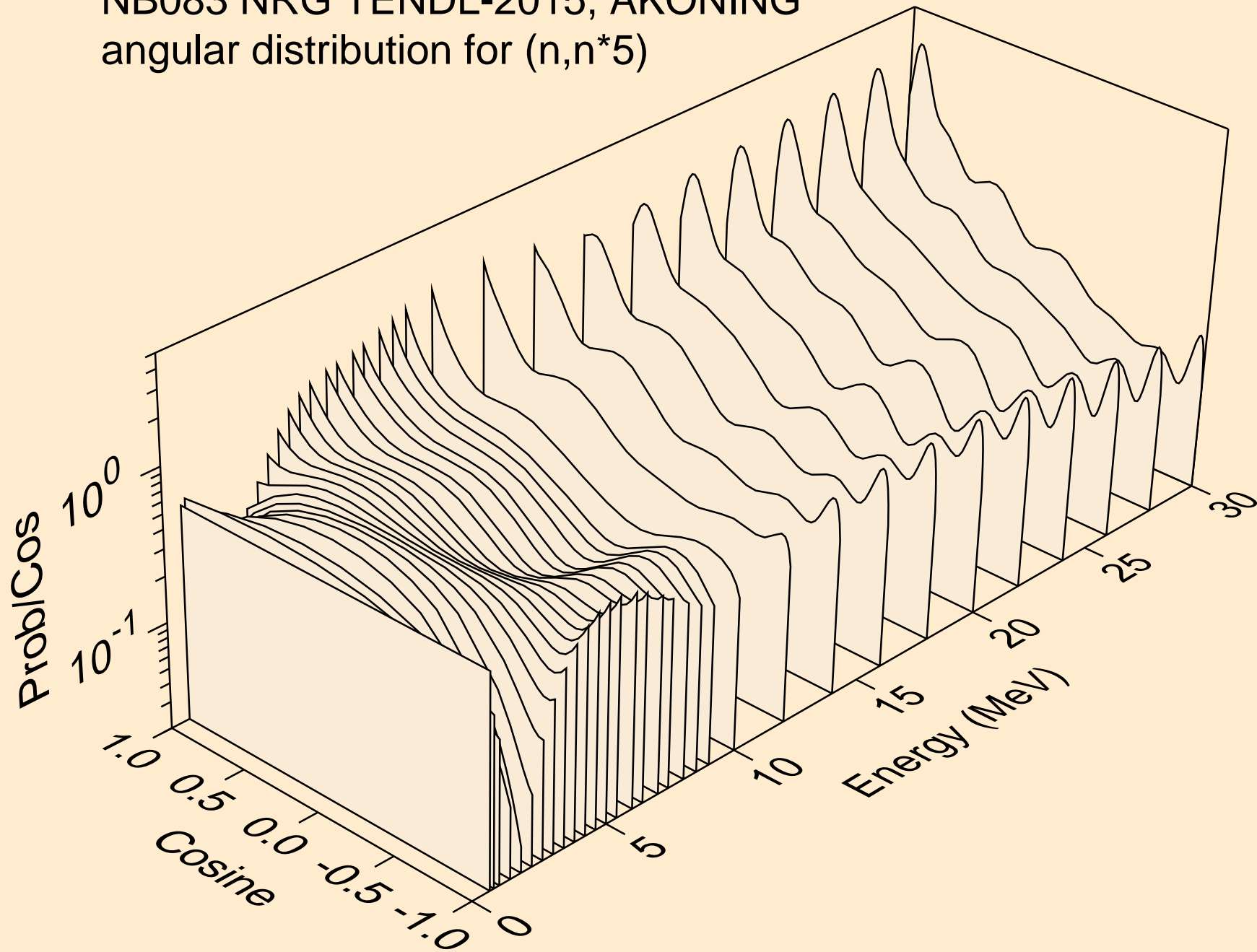
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



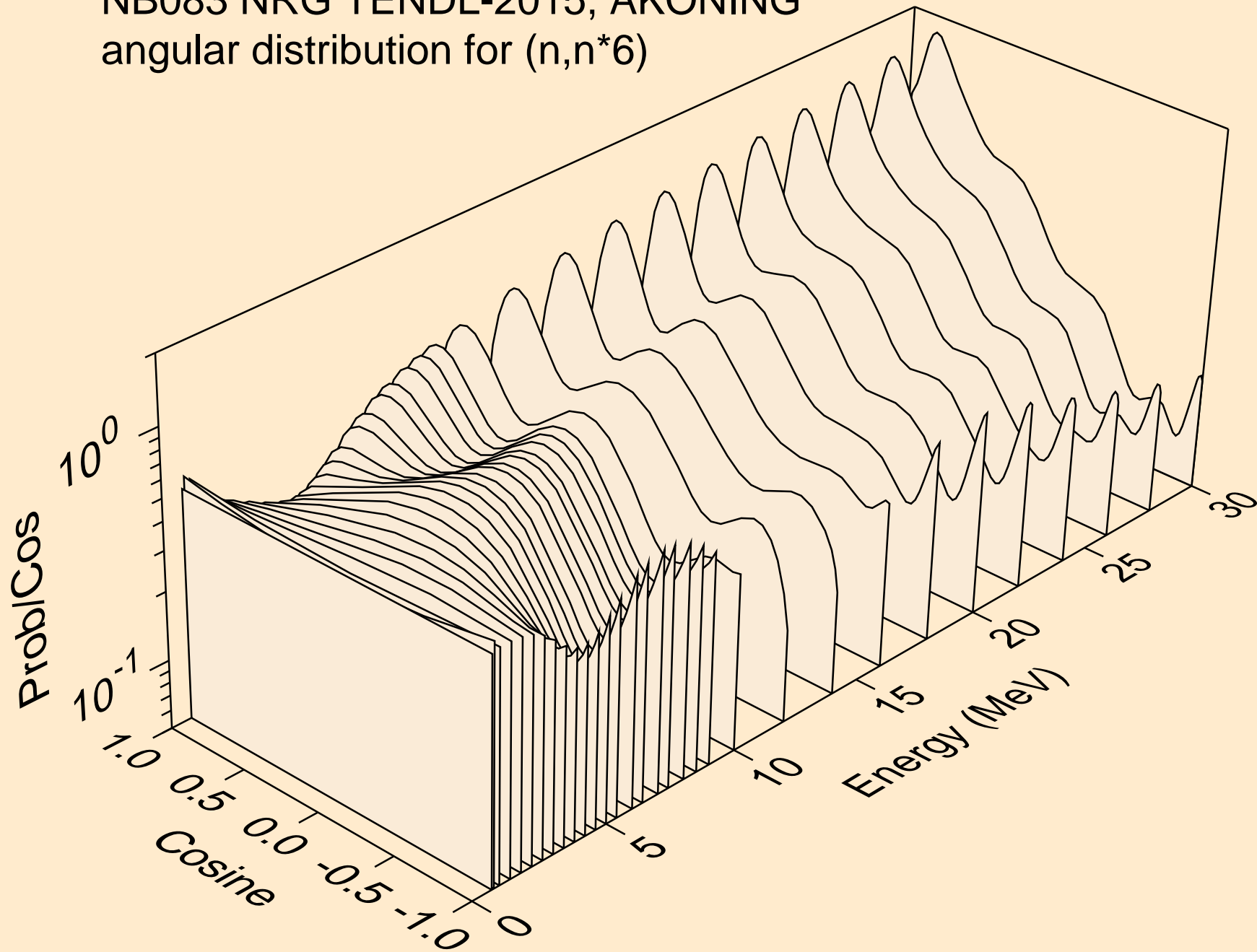
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



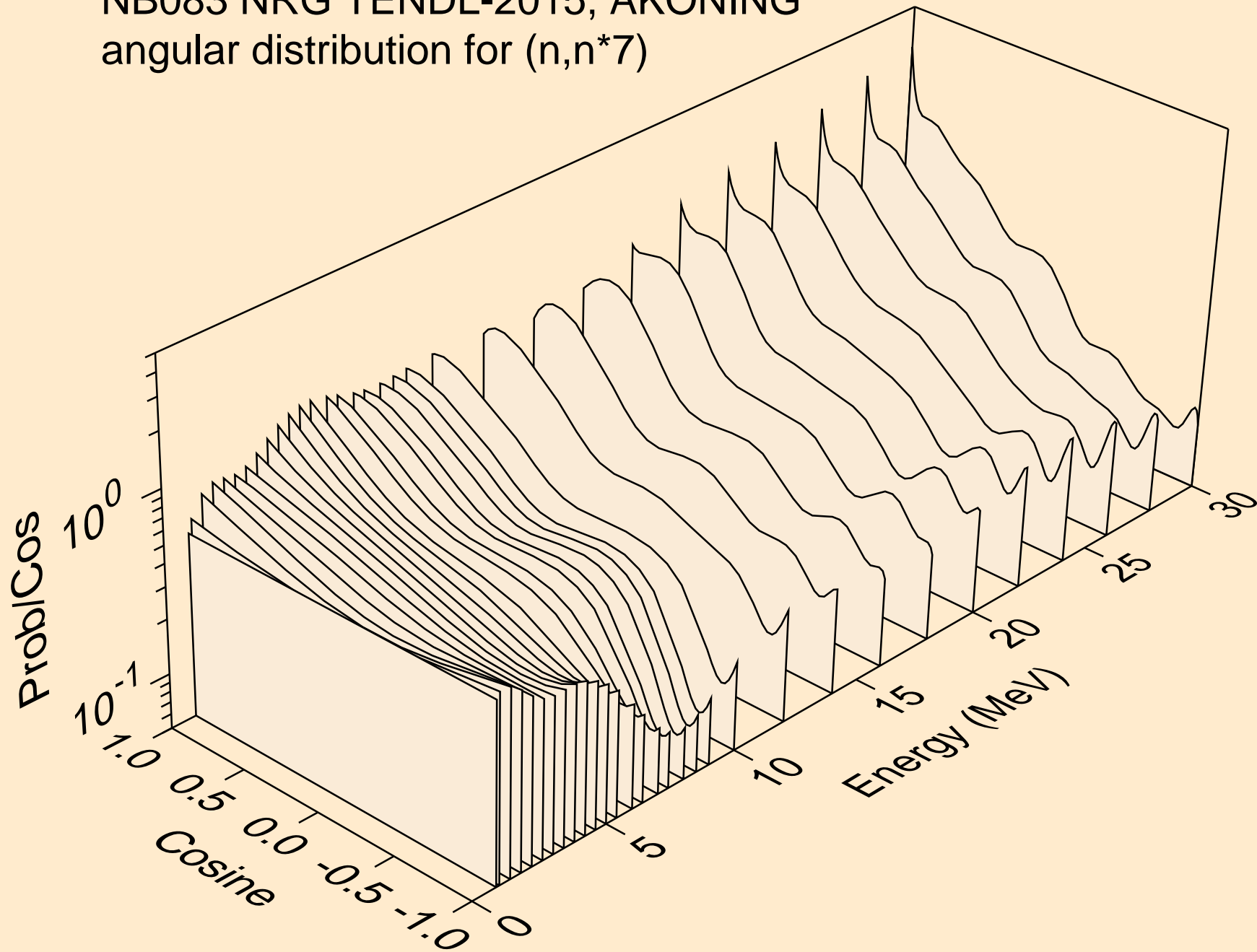
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



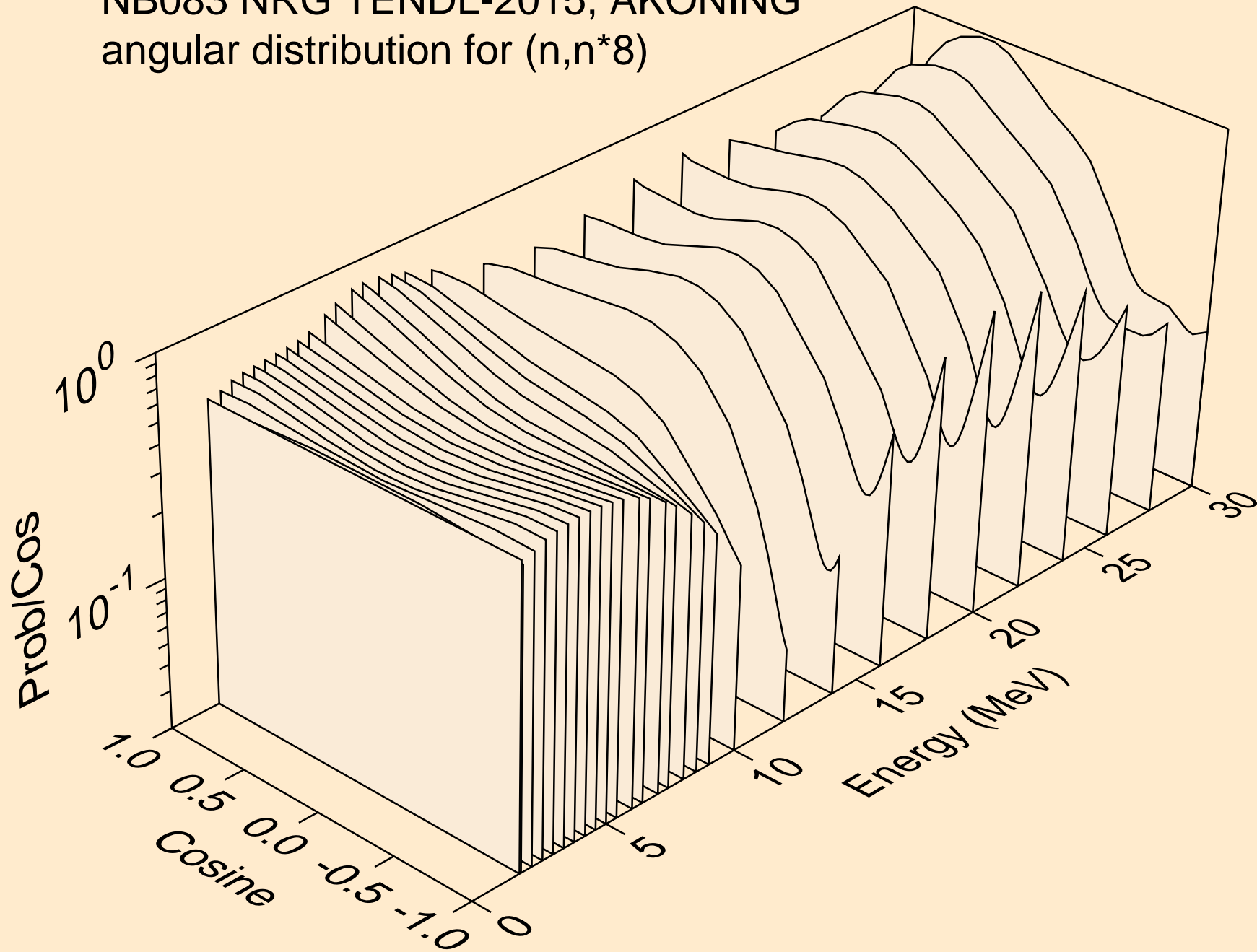
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



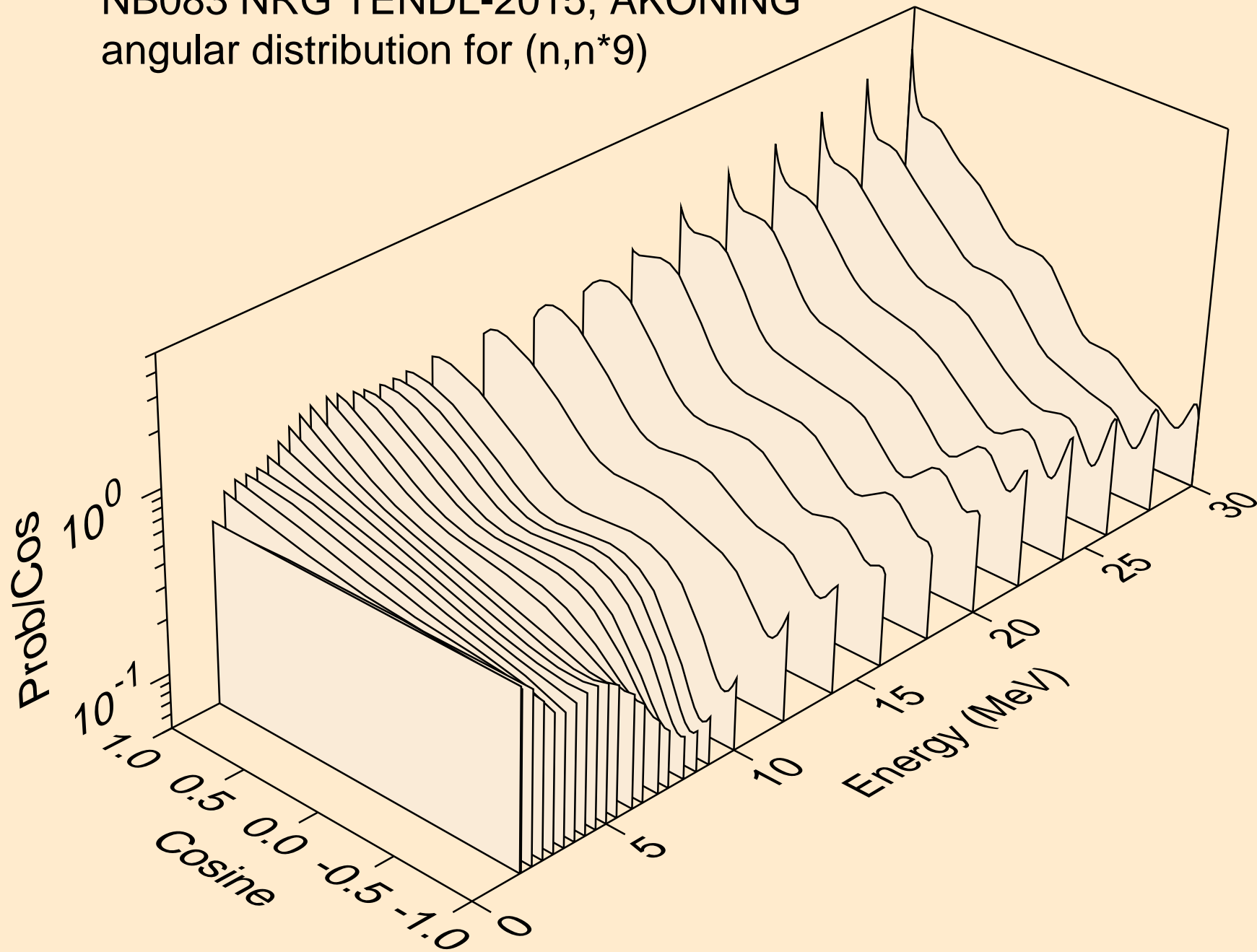
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

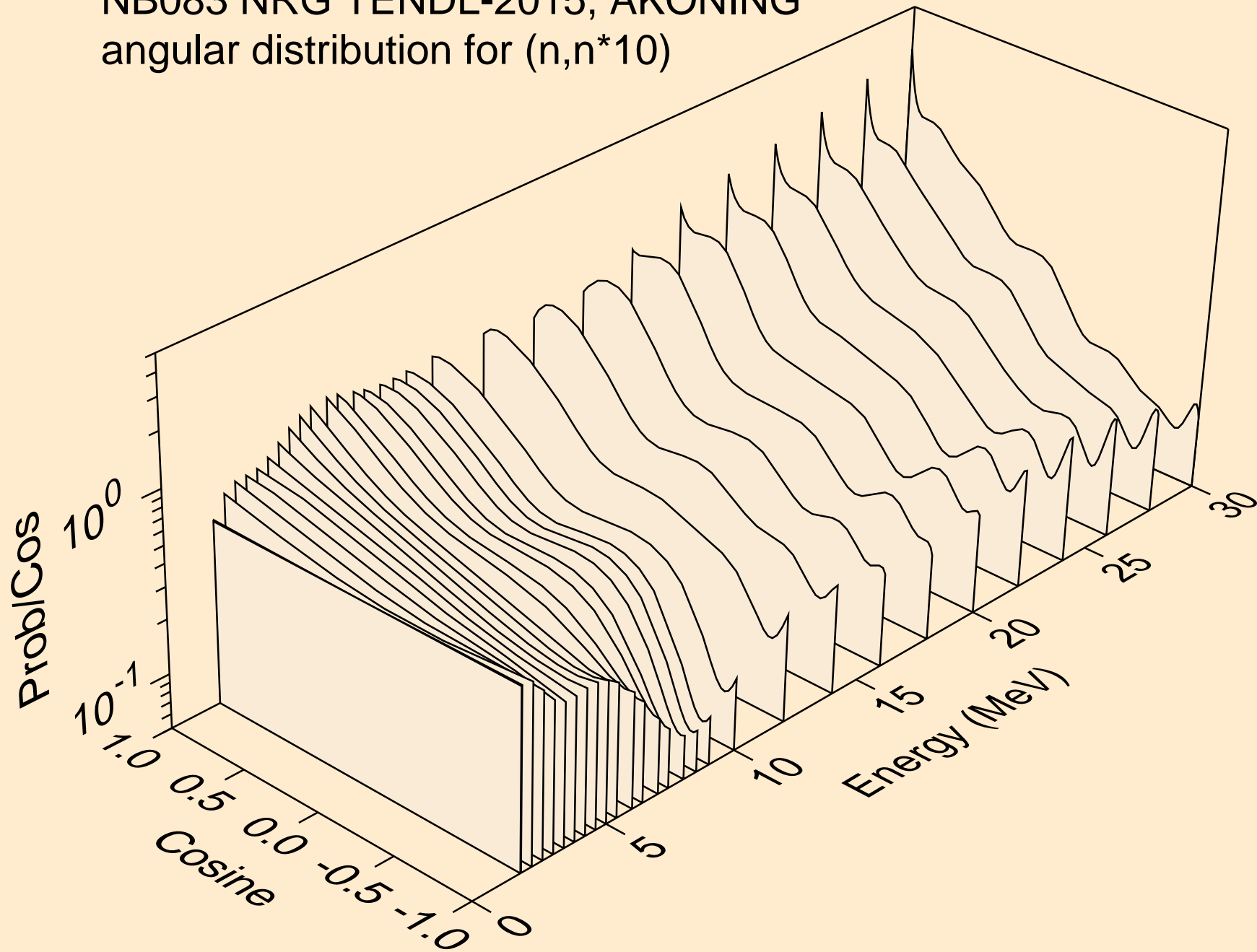


NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

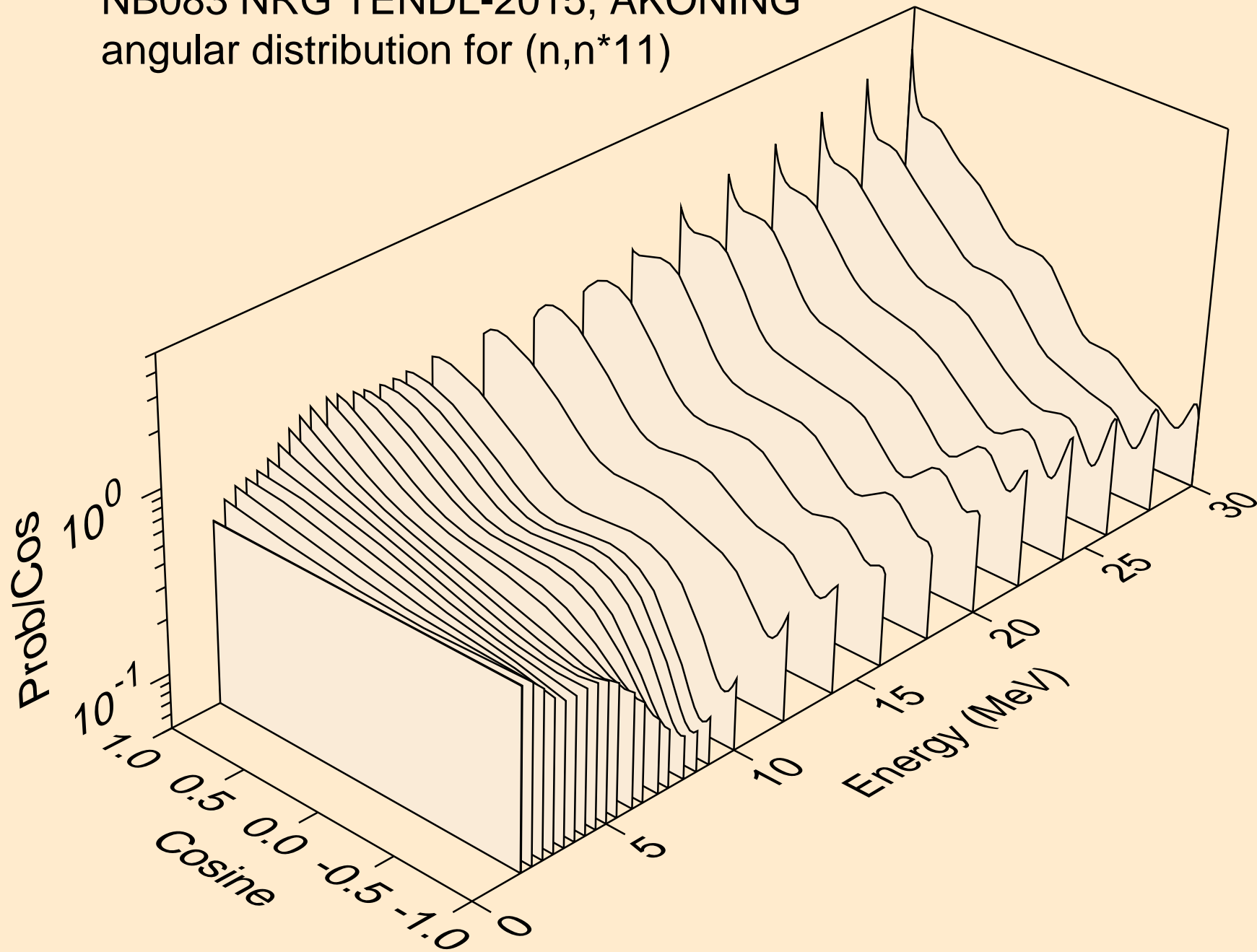




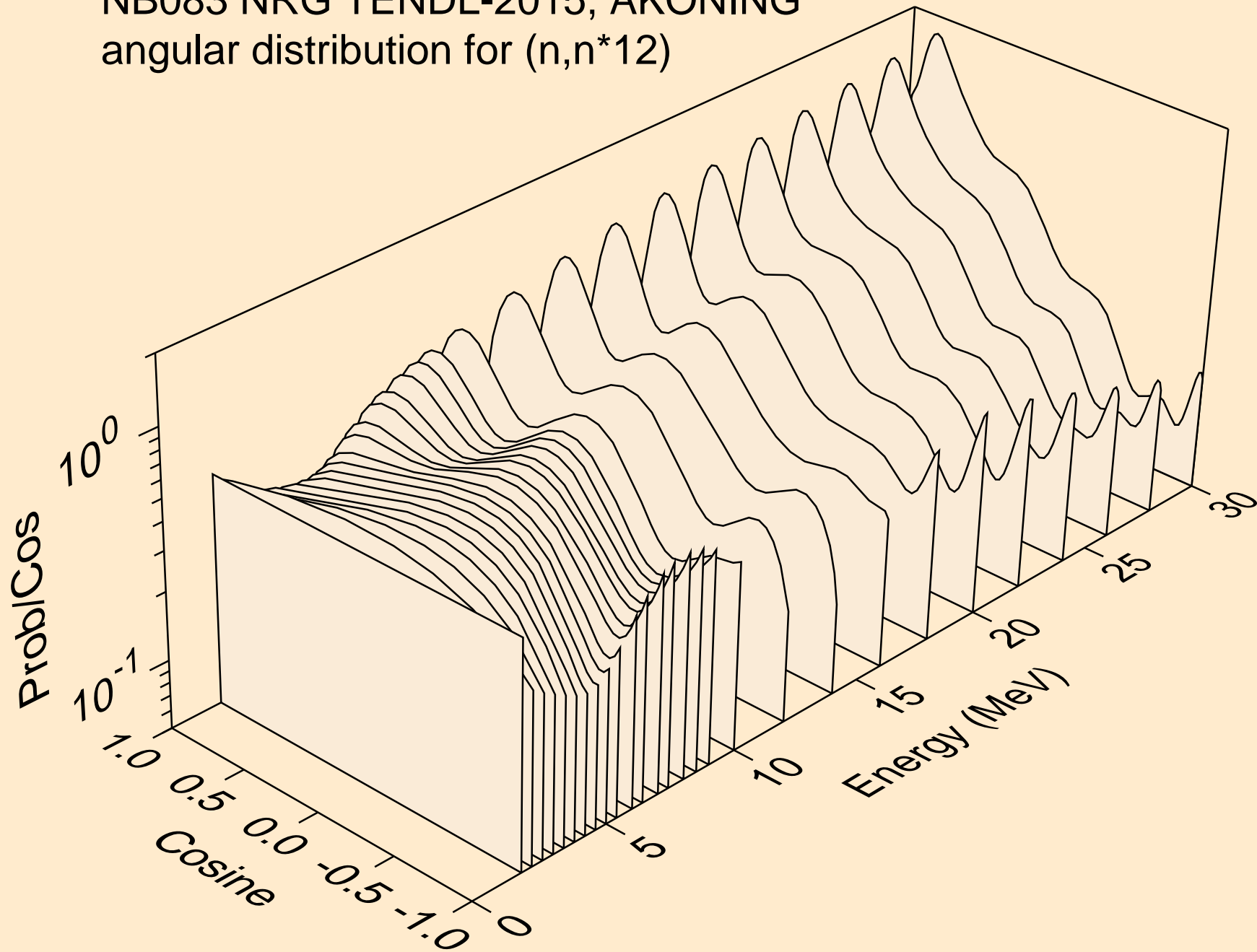
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



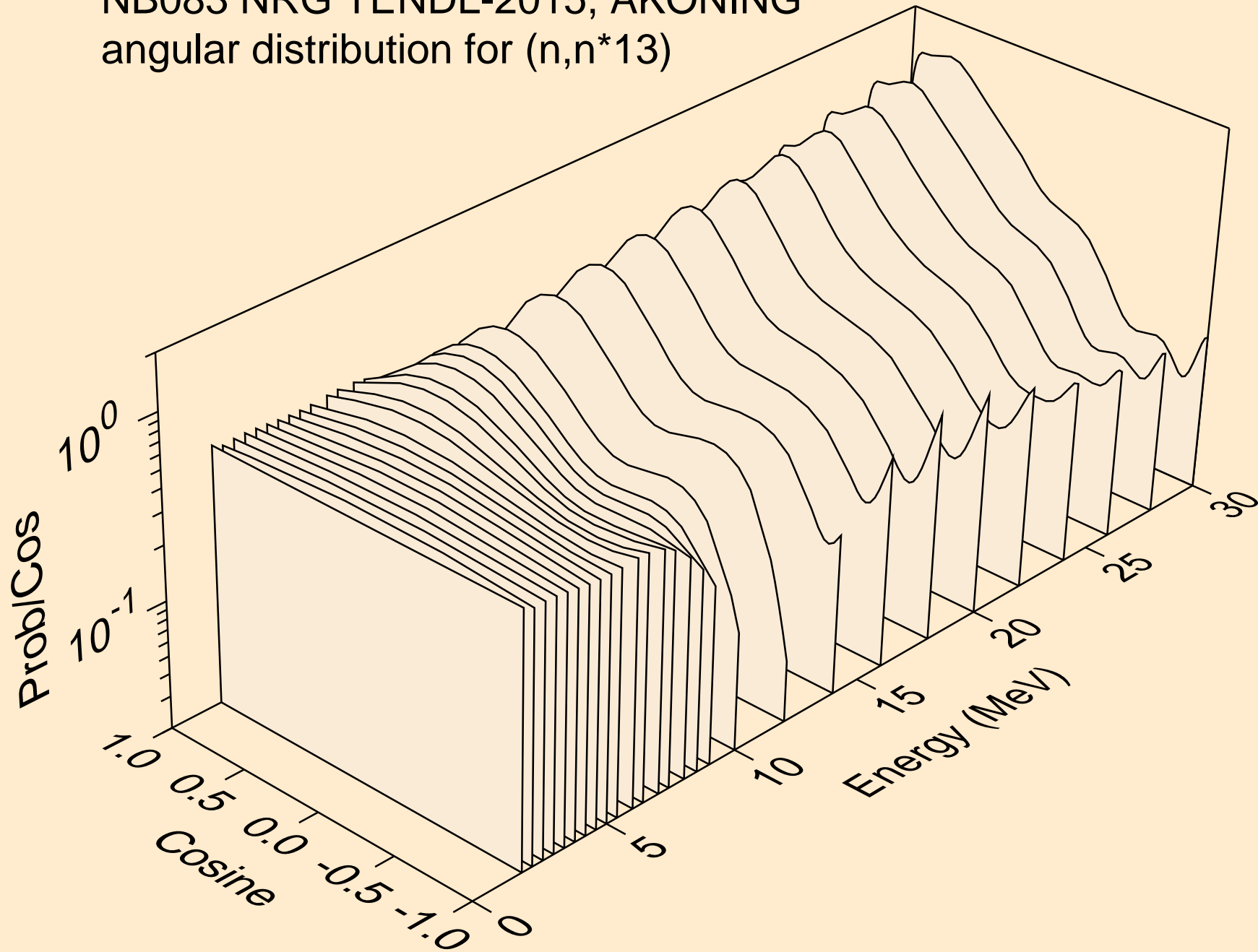
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



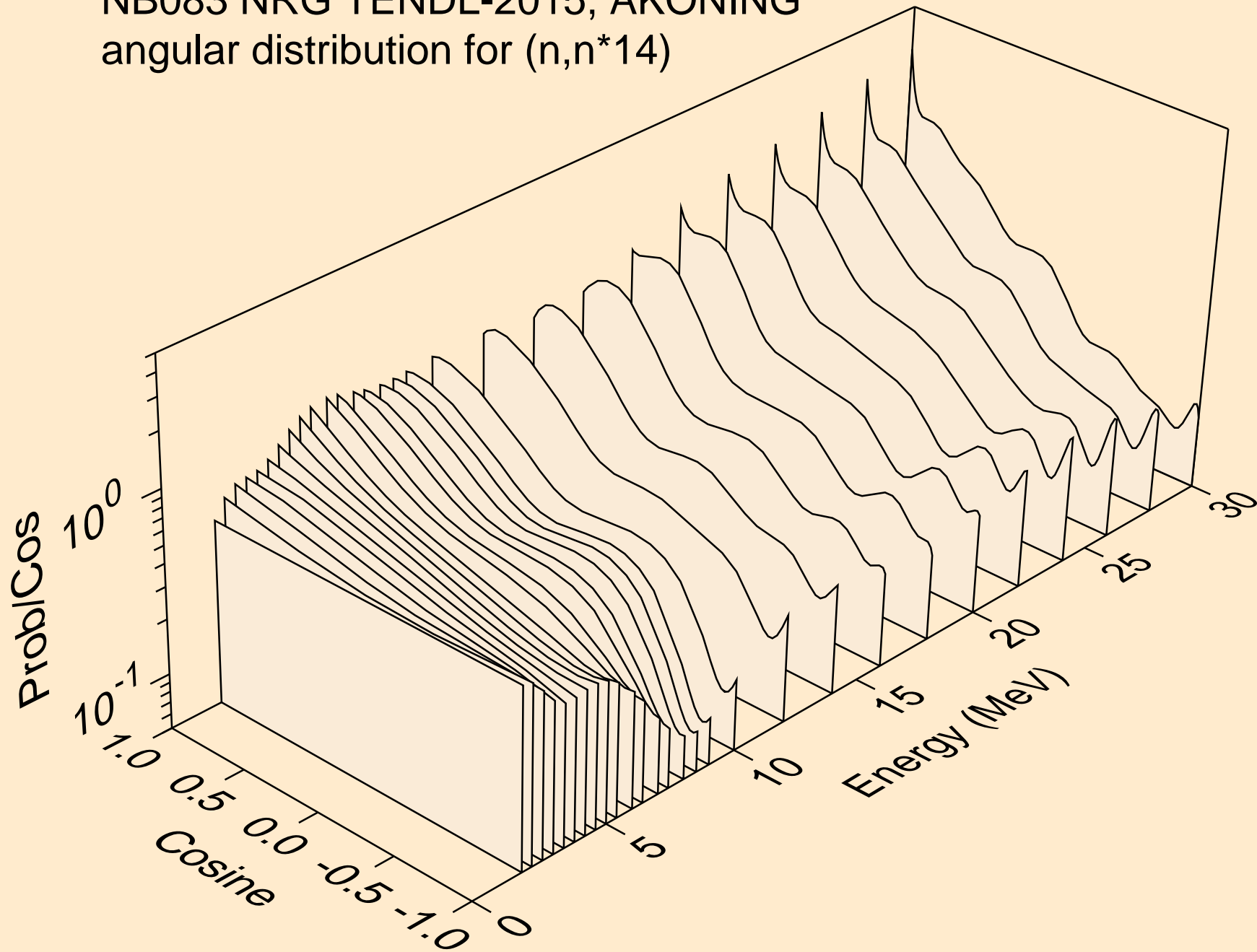
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



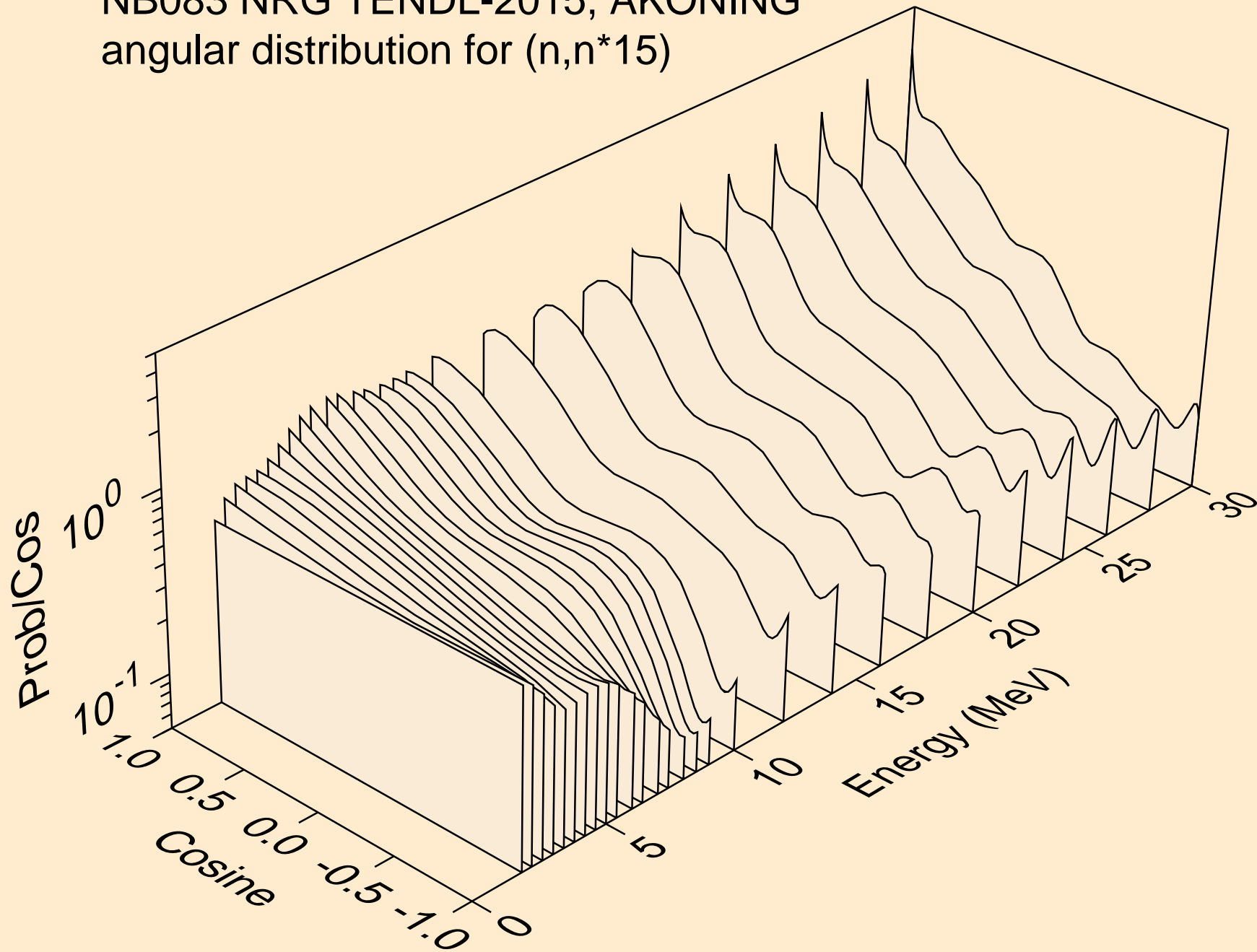
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



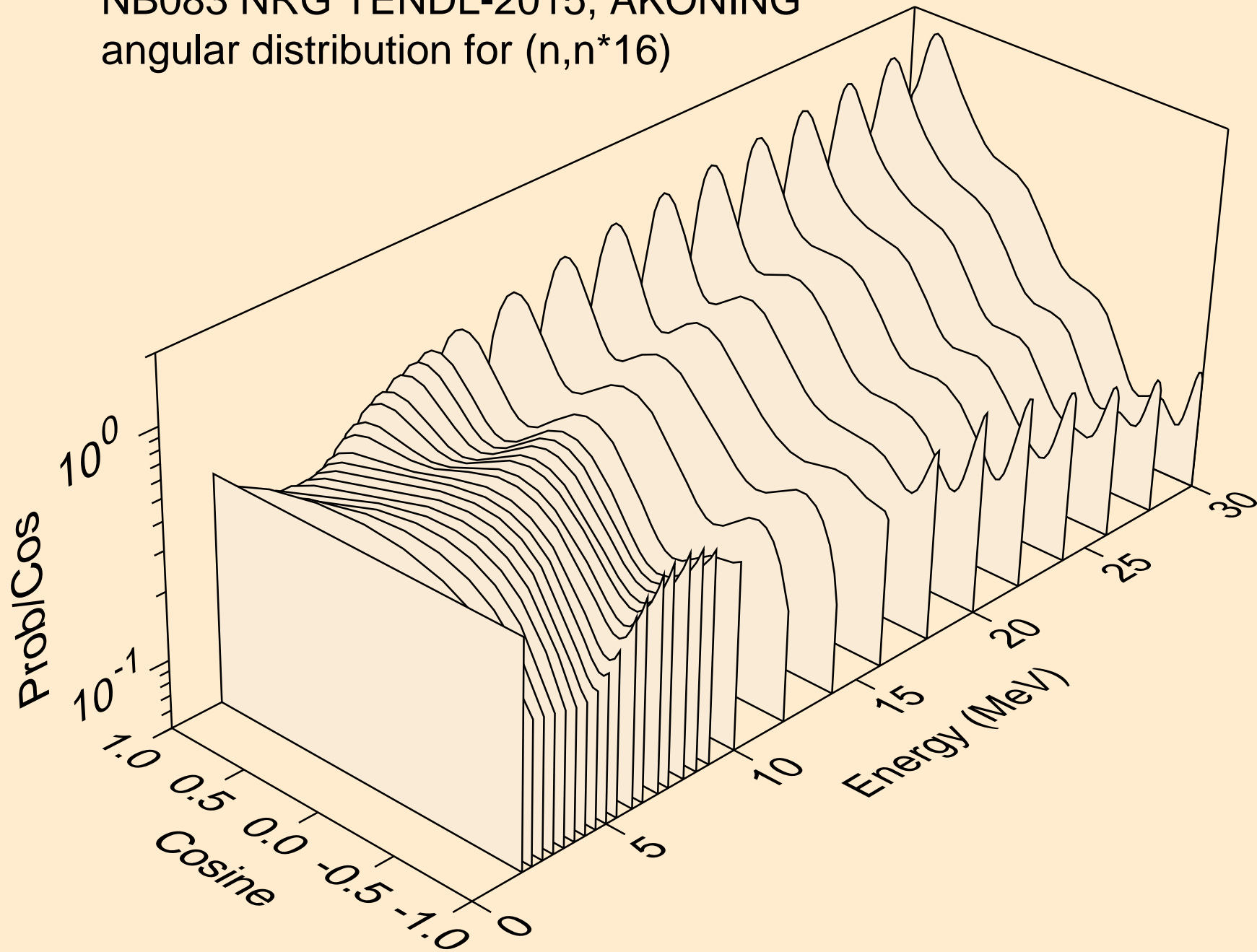
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



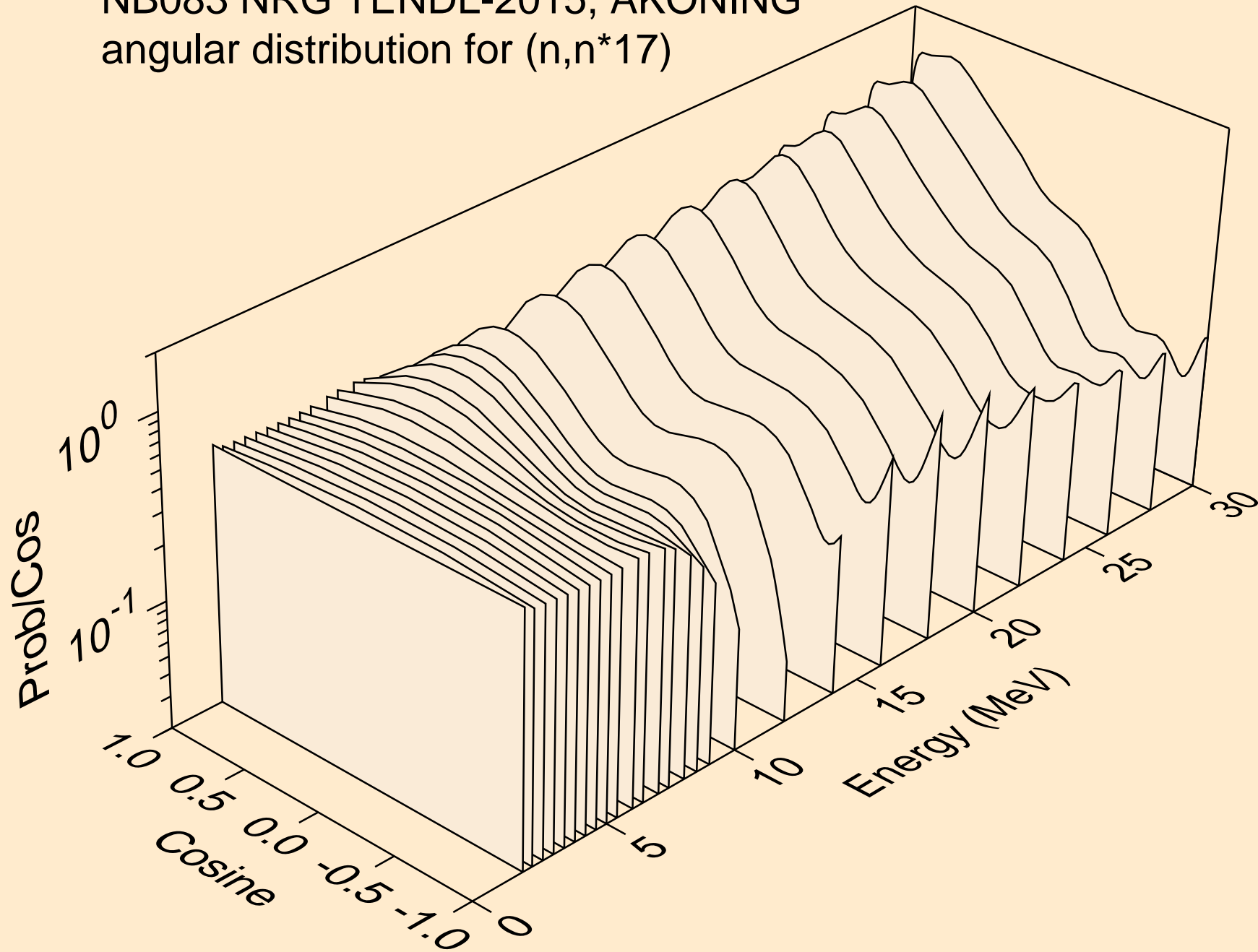
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

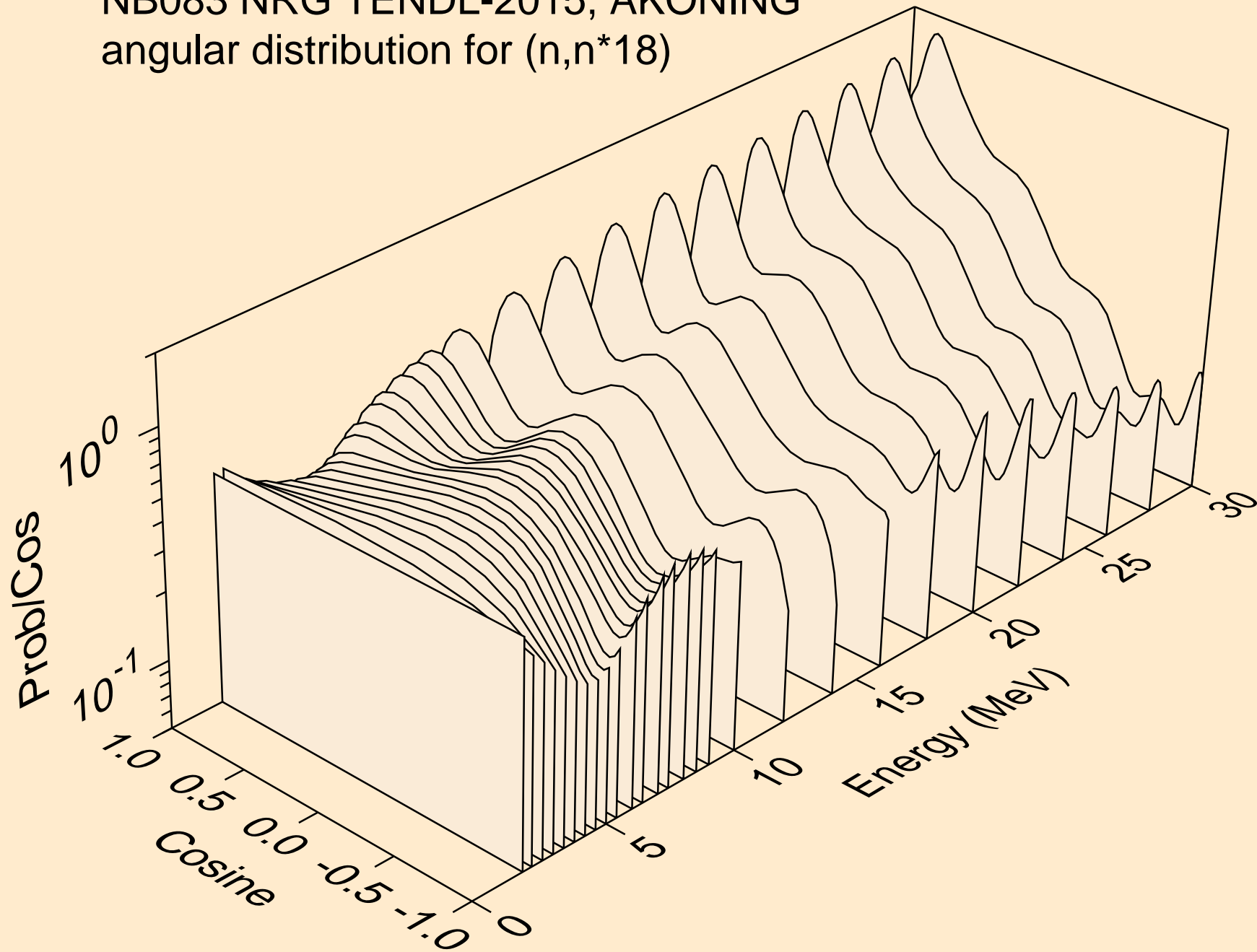


NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

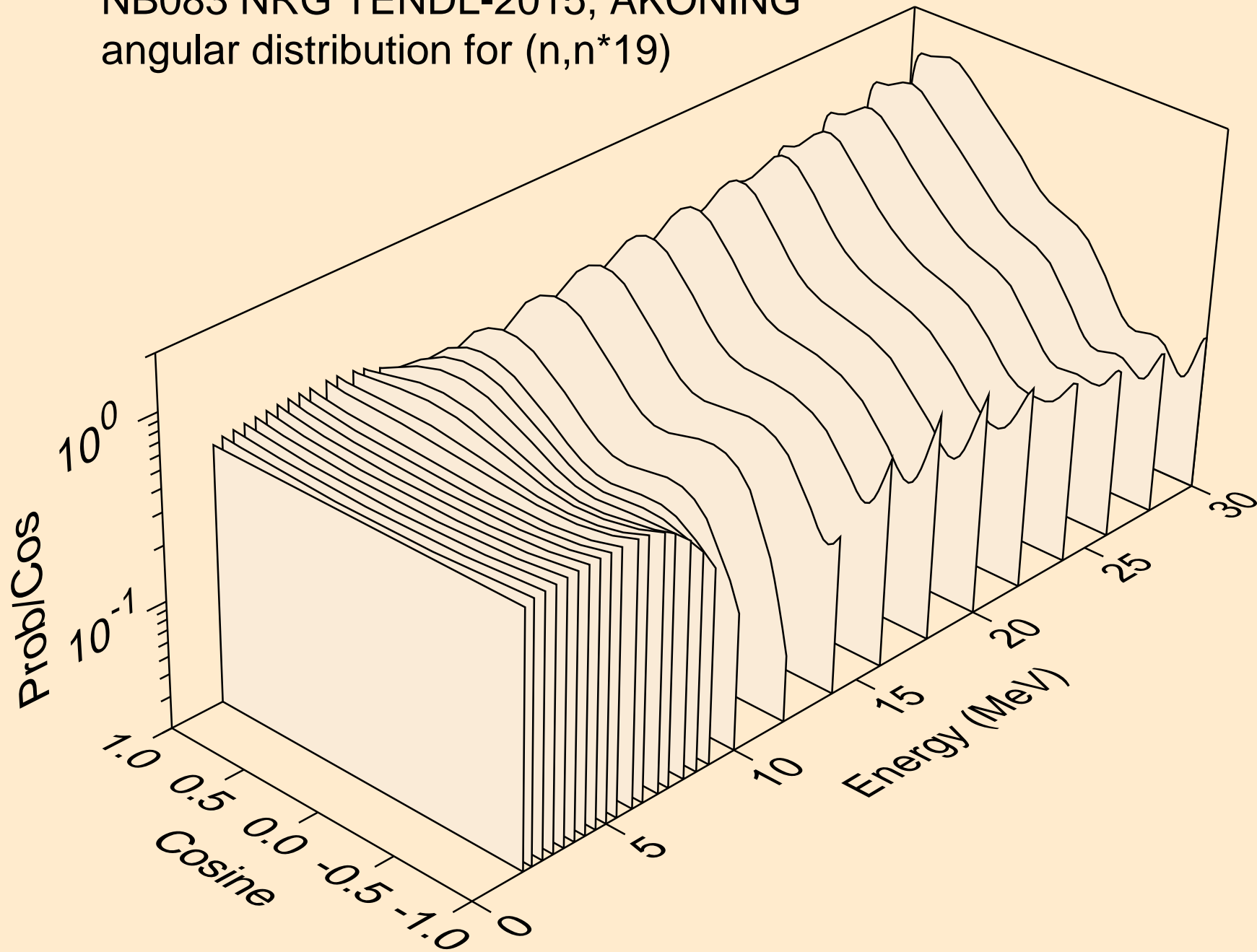




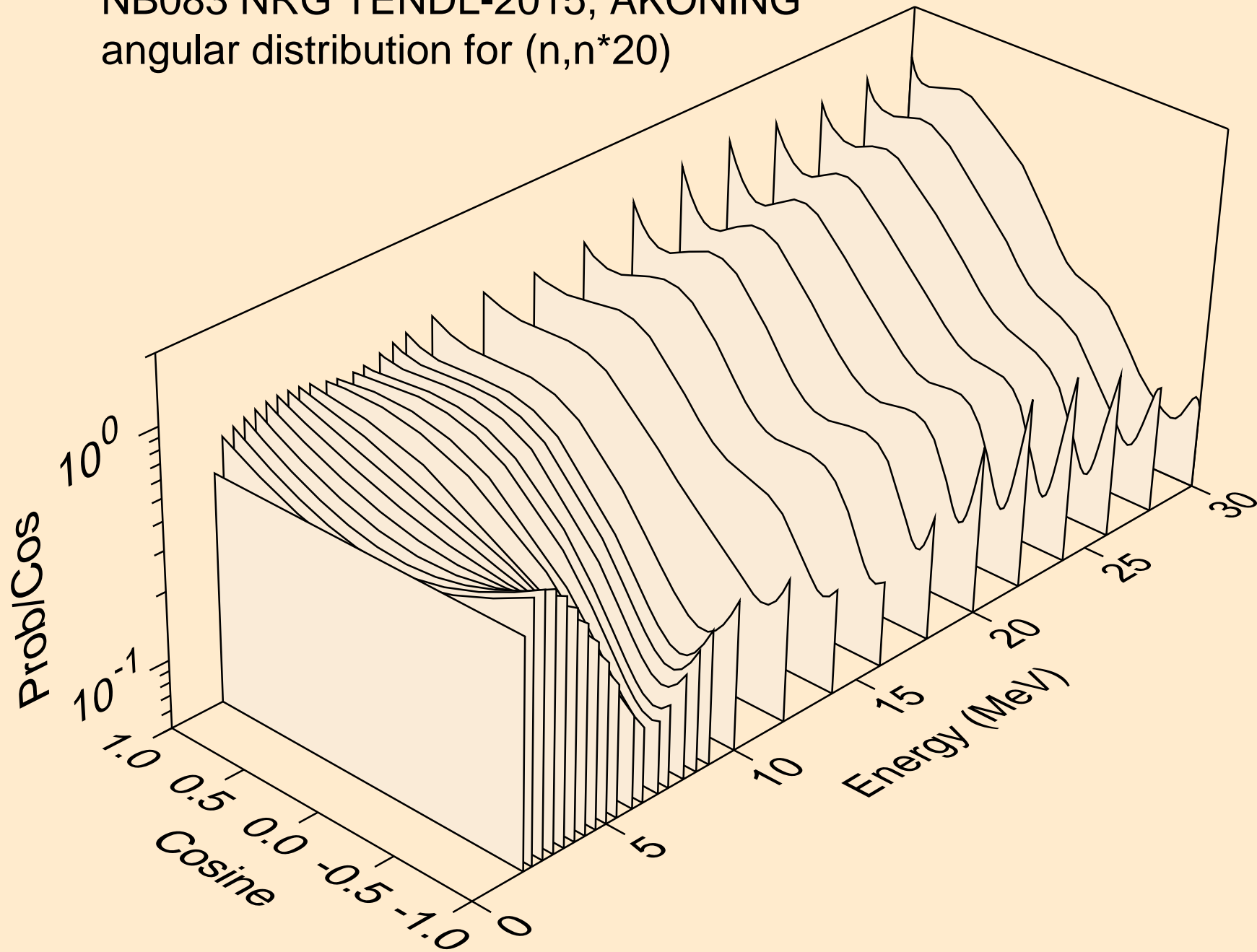
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



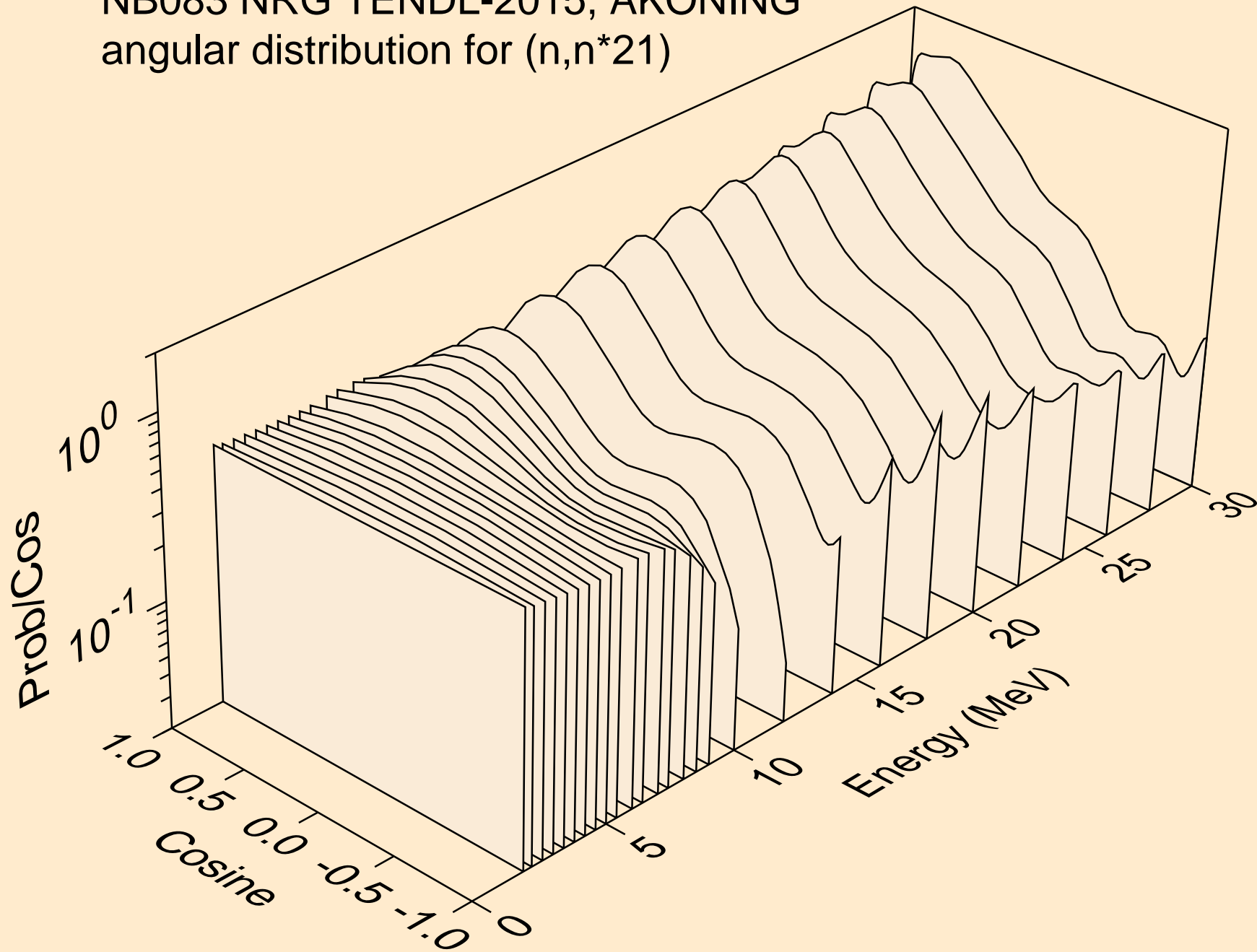
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



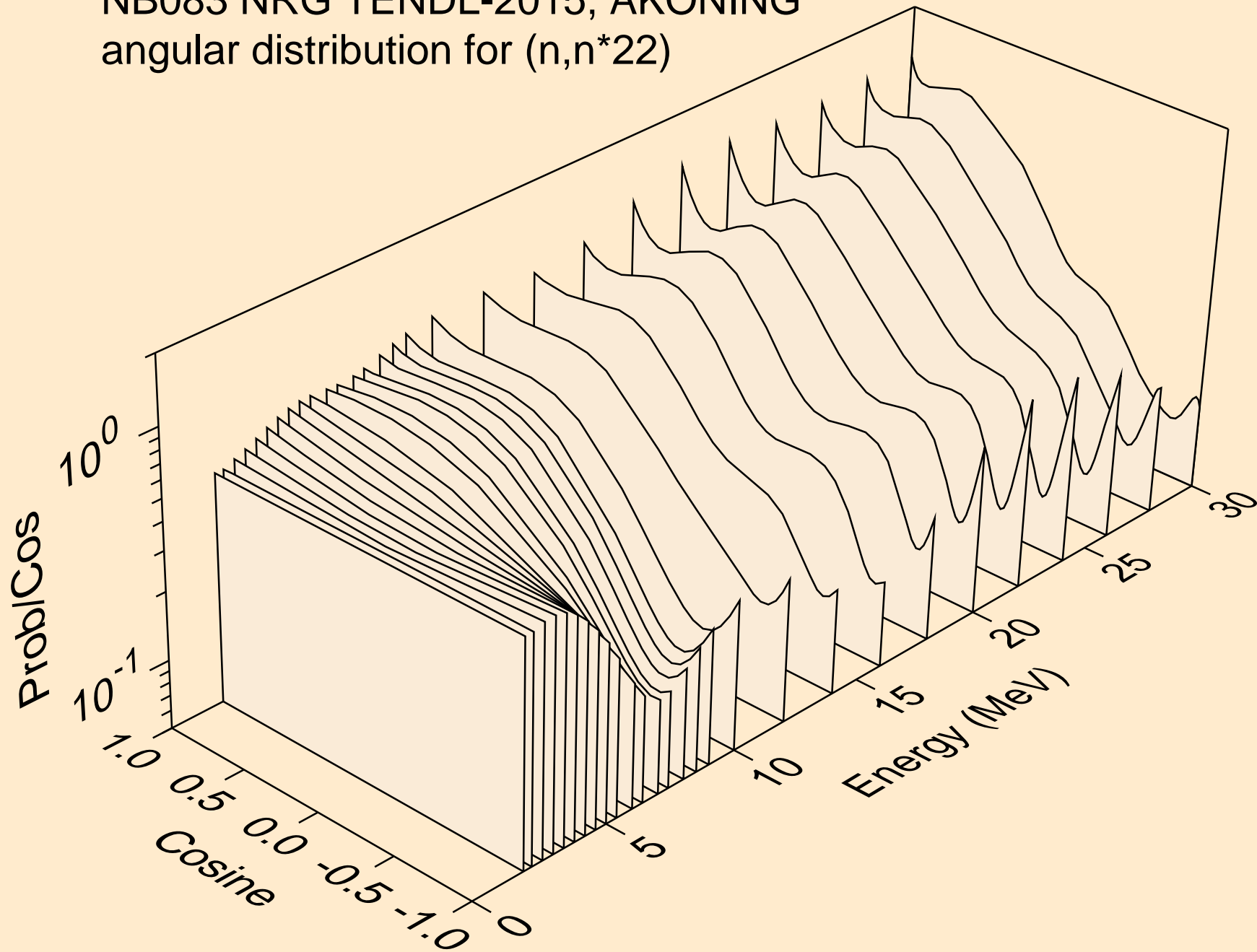
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



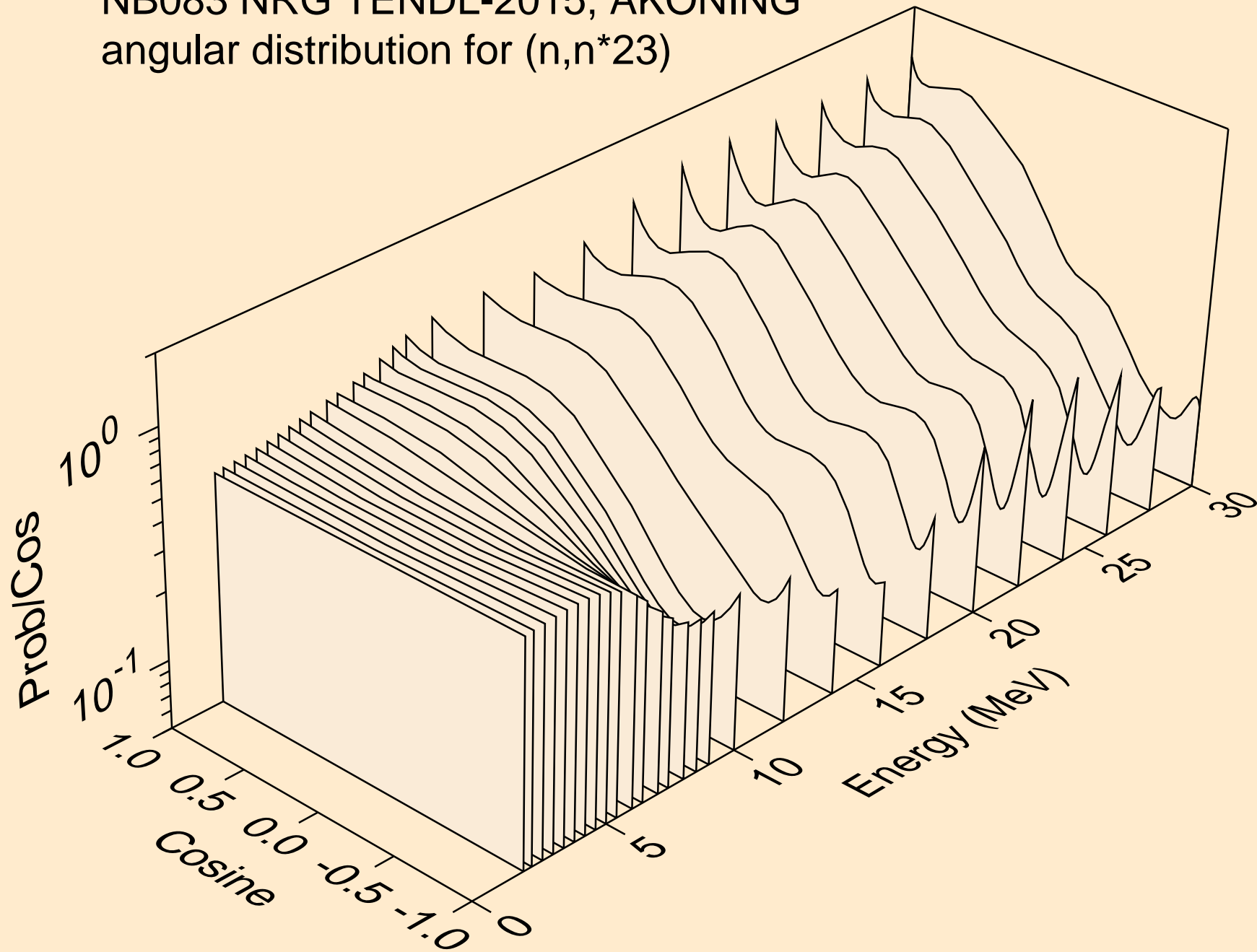
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



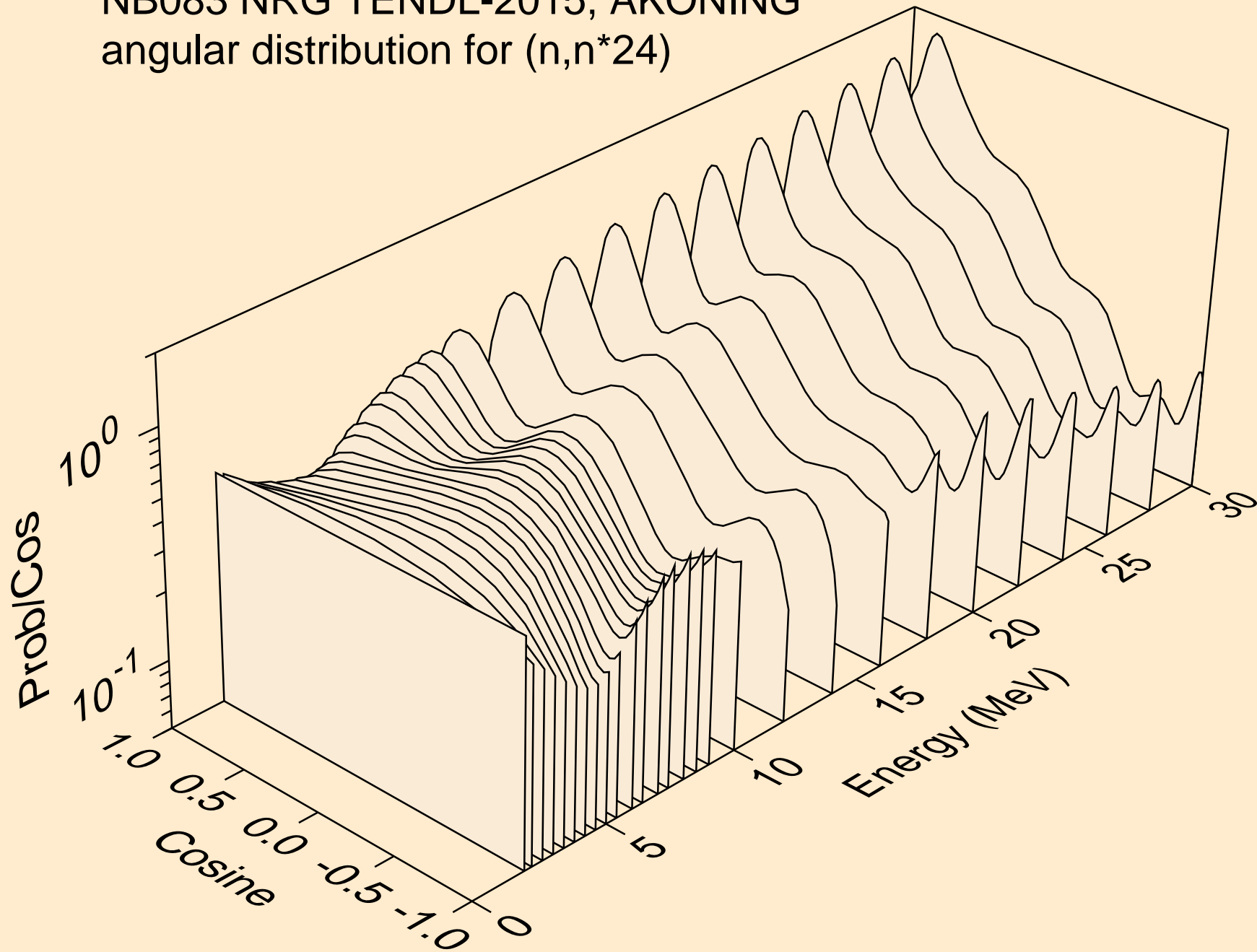
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



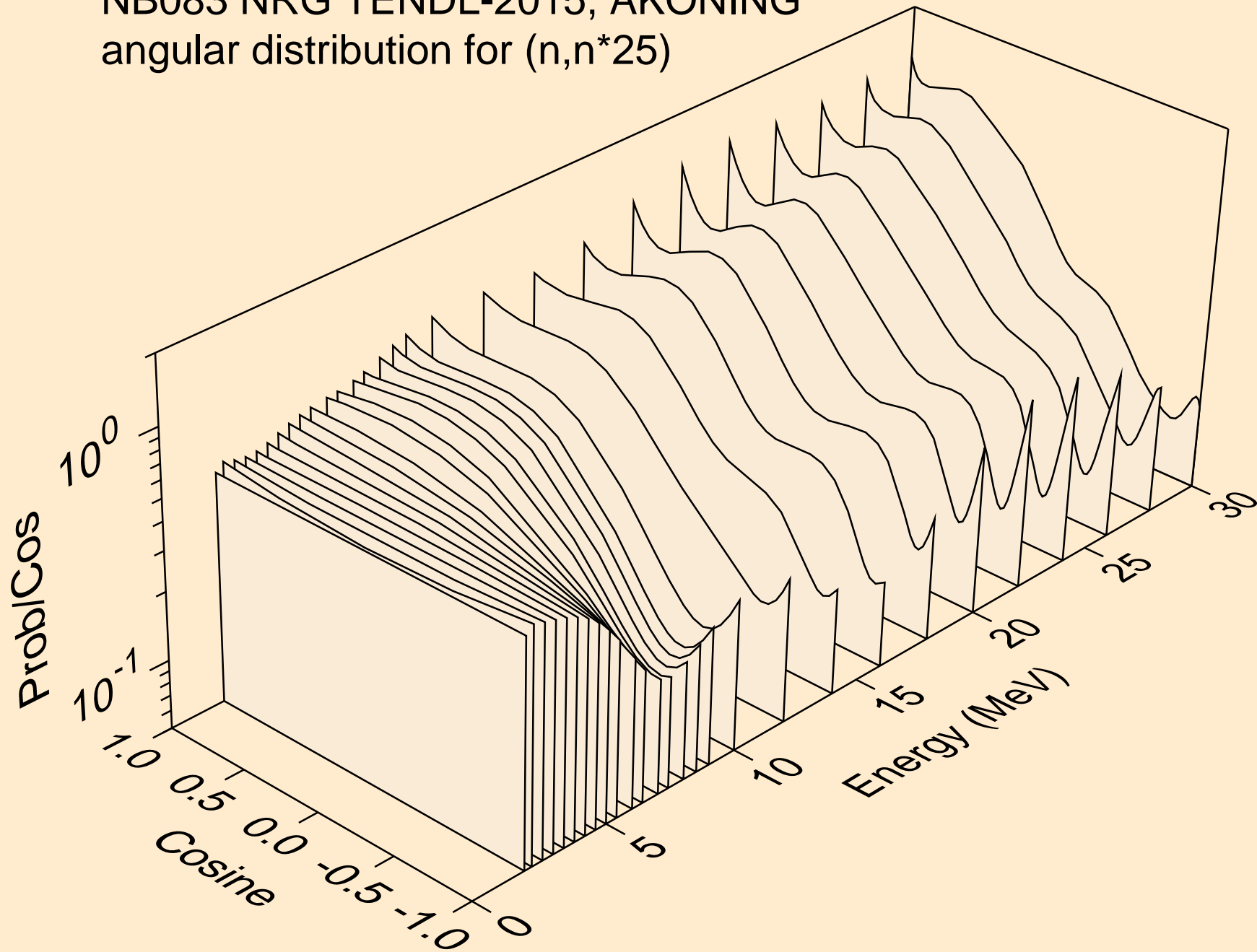
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

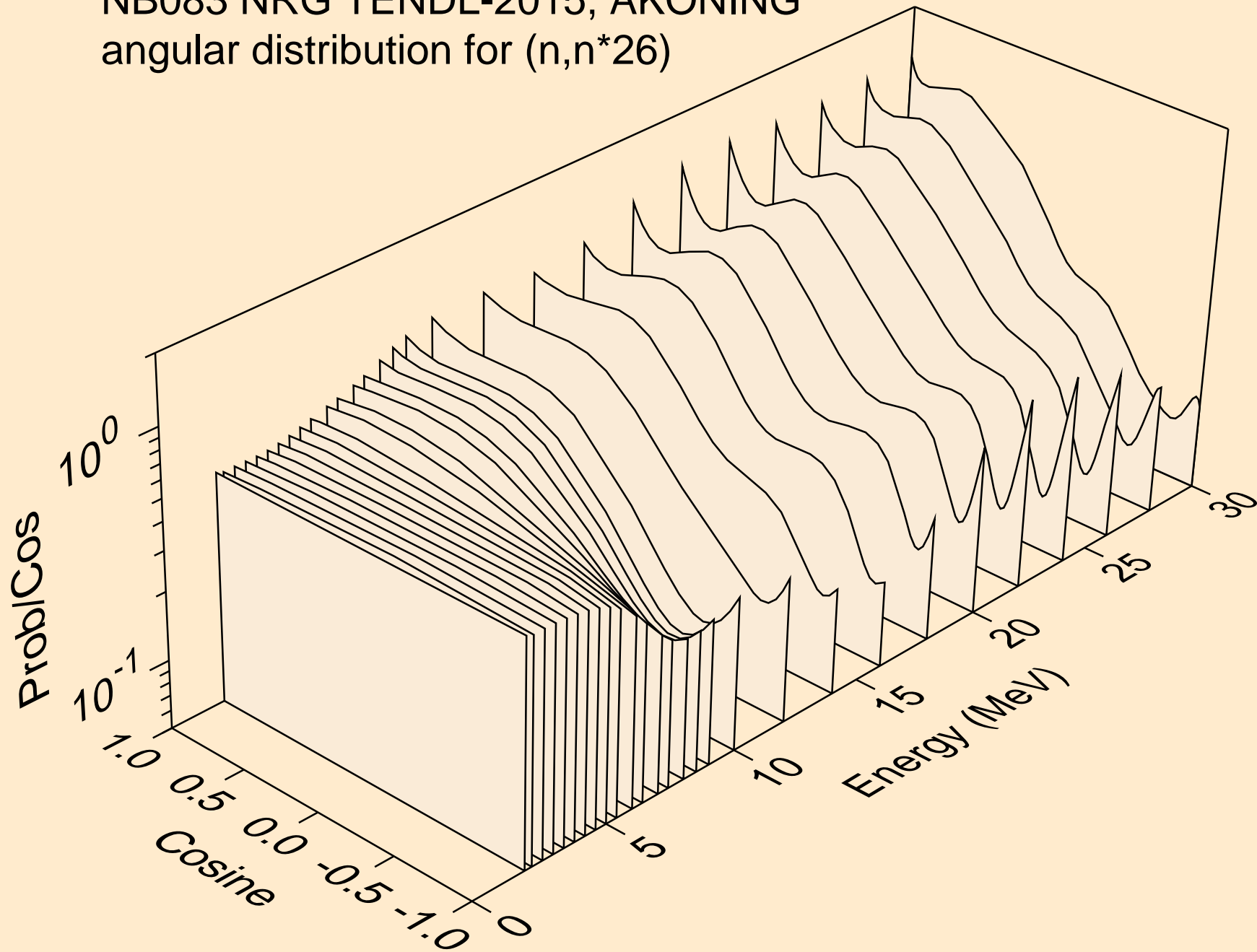


NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)

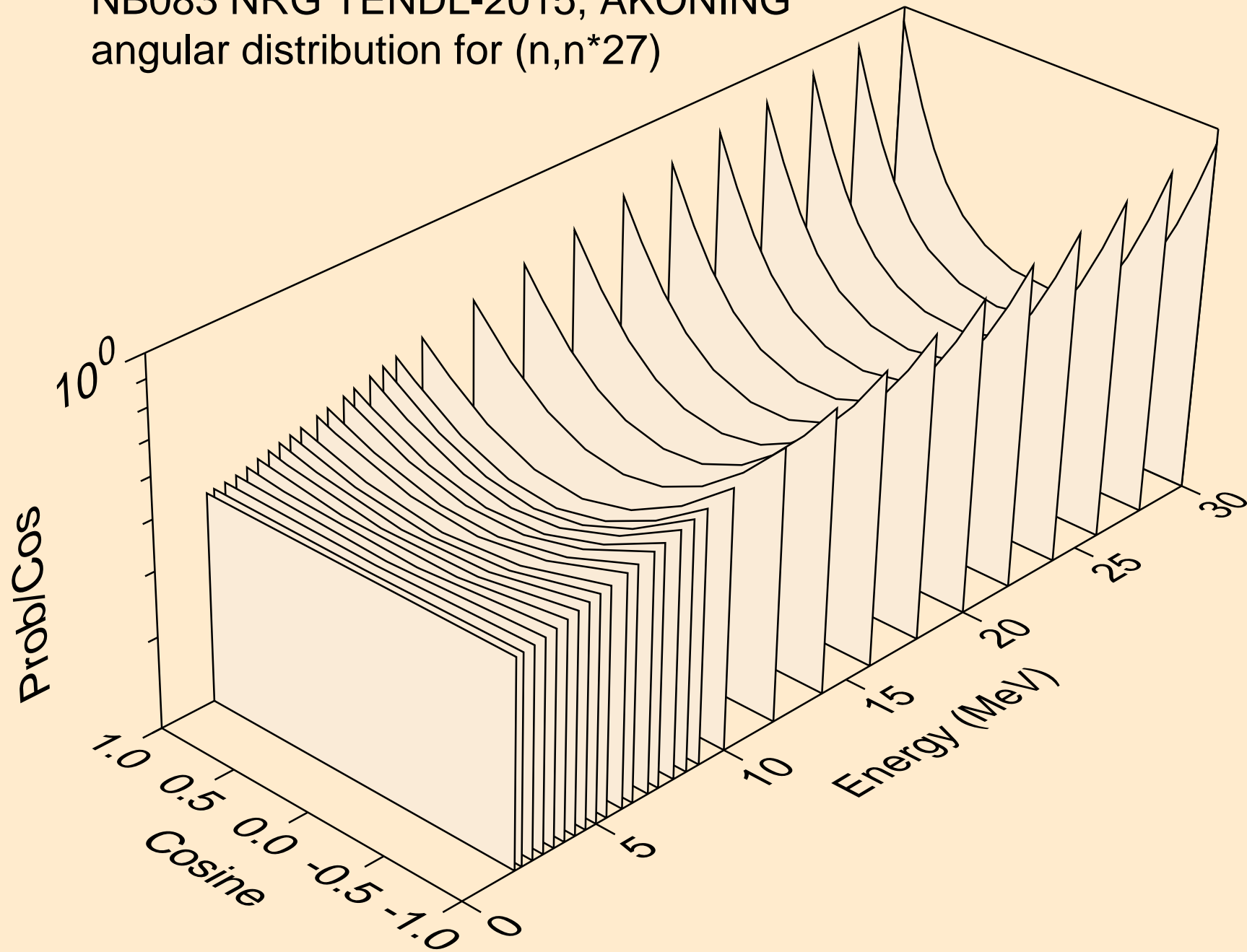




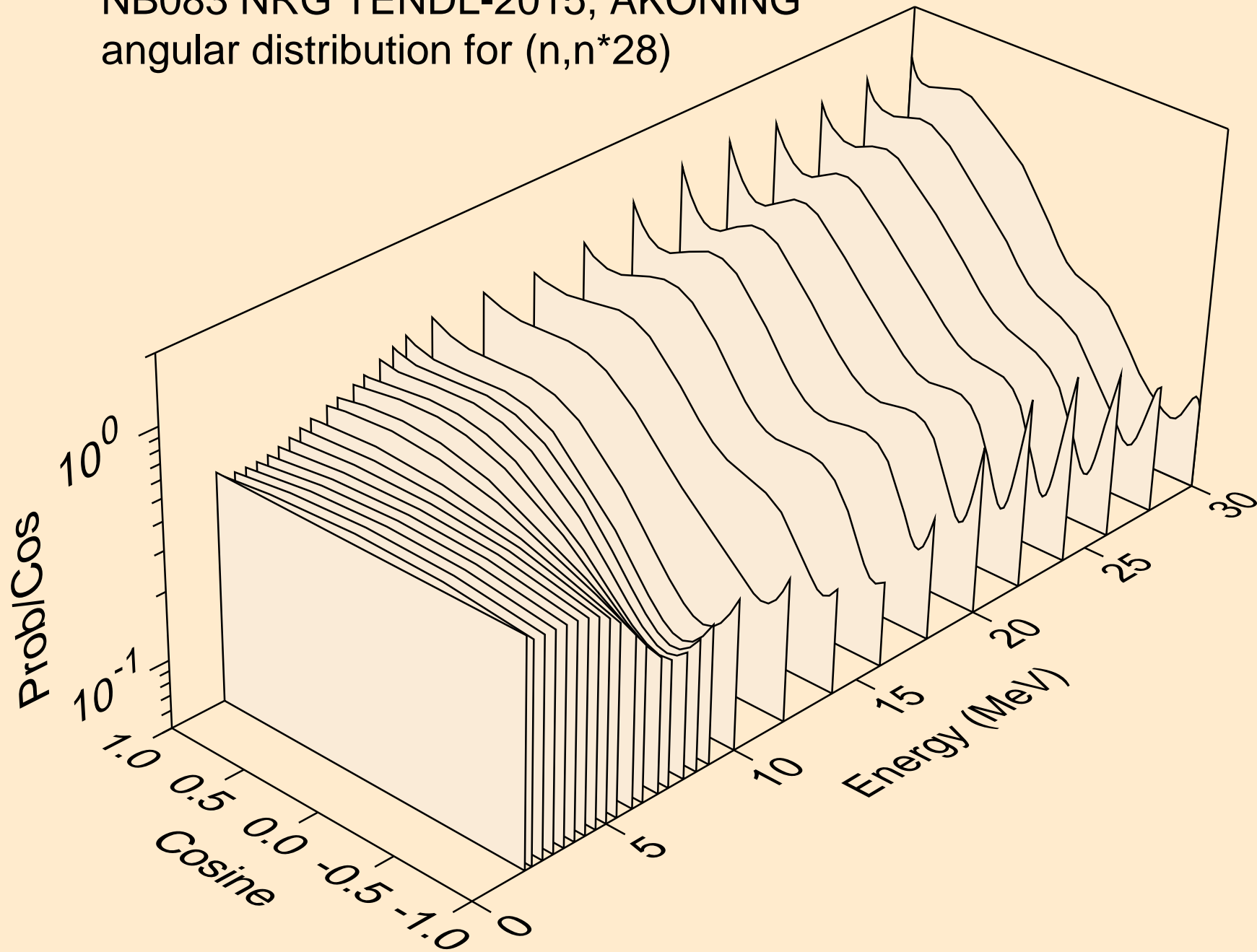
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



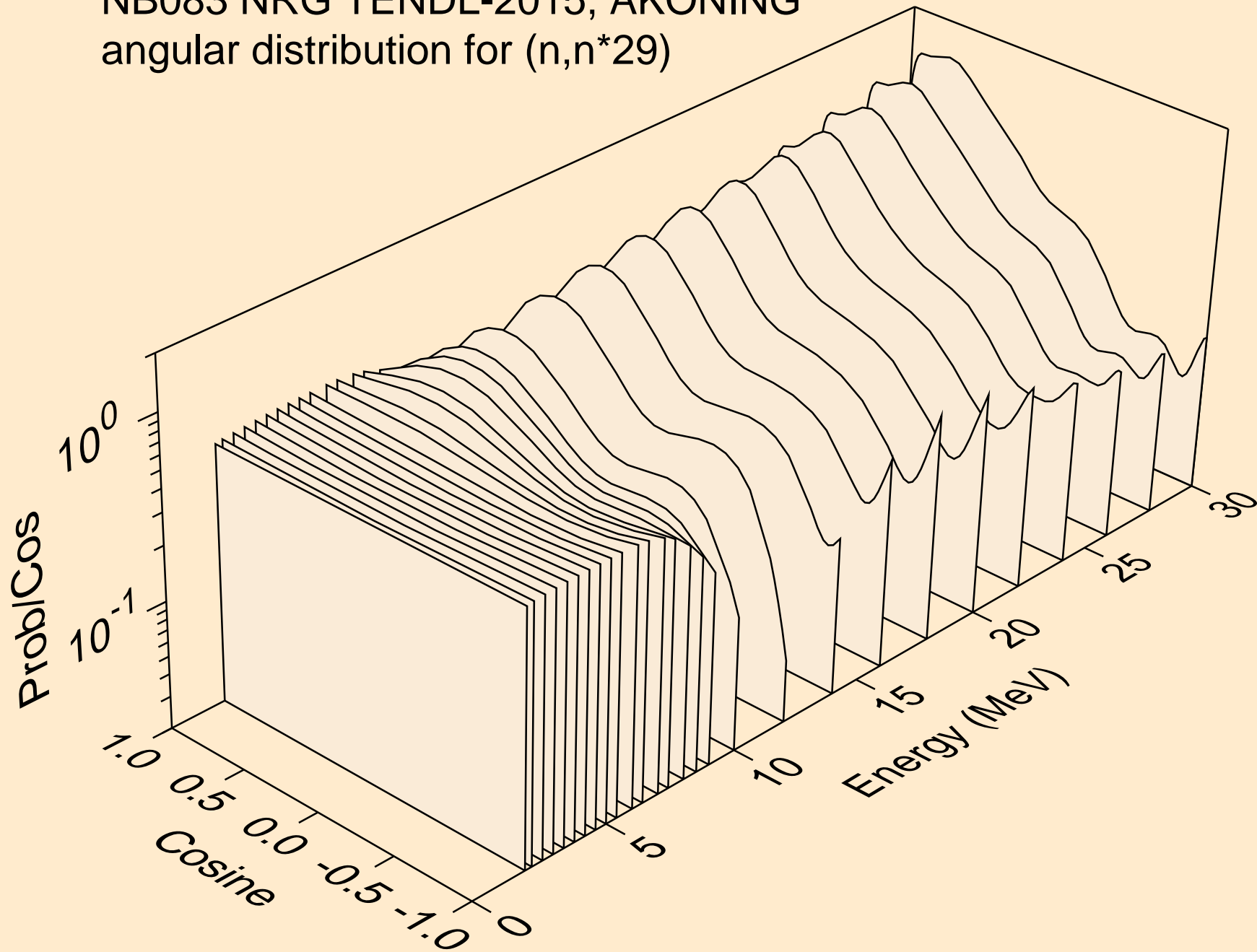
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



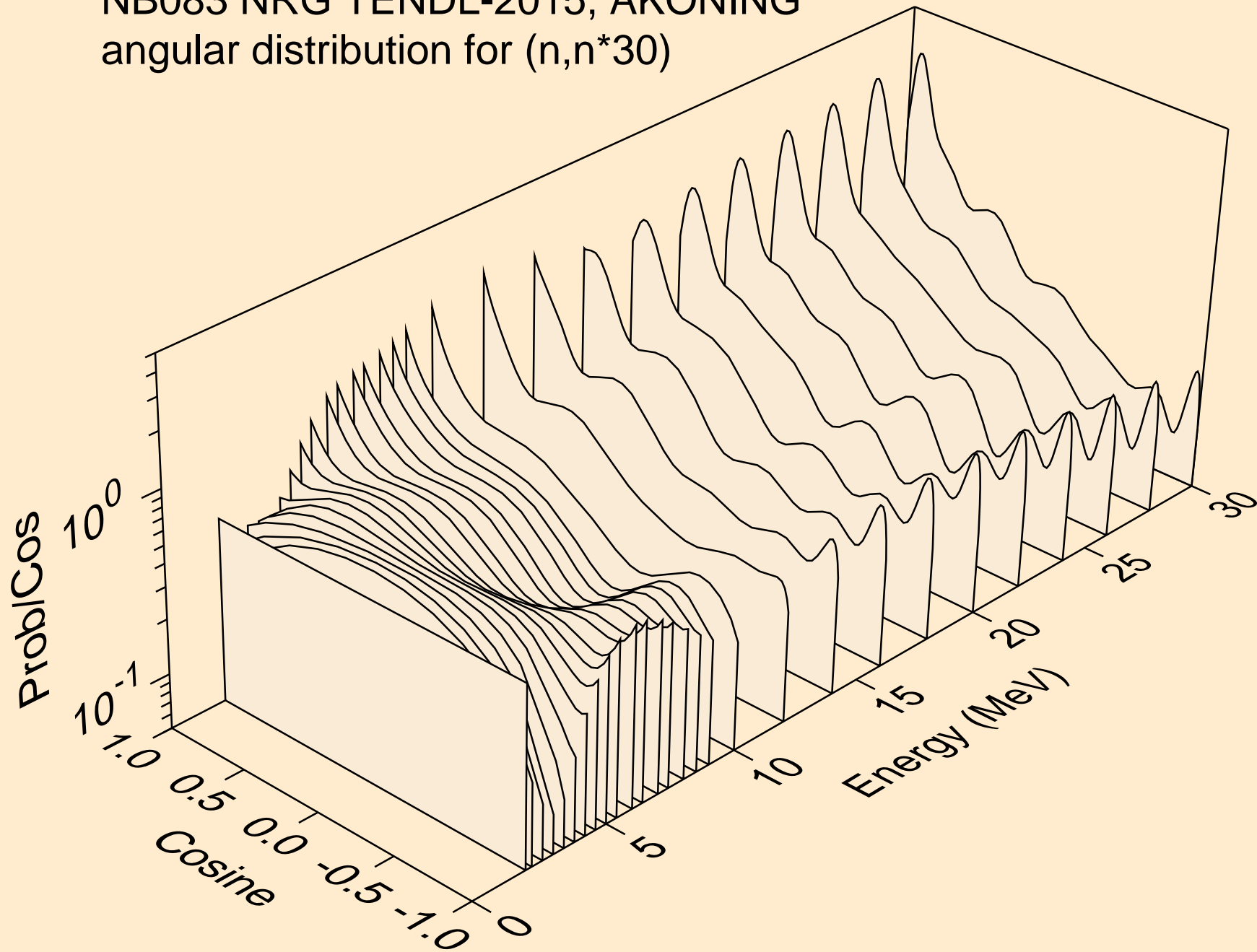
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



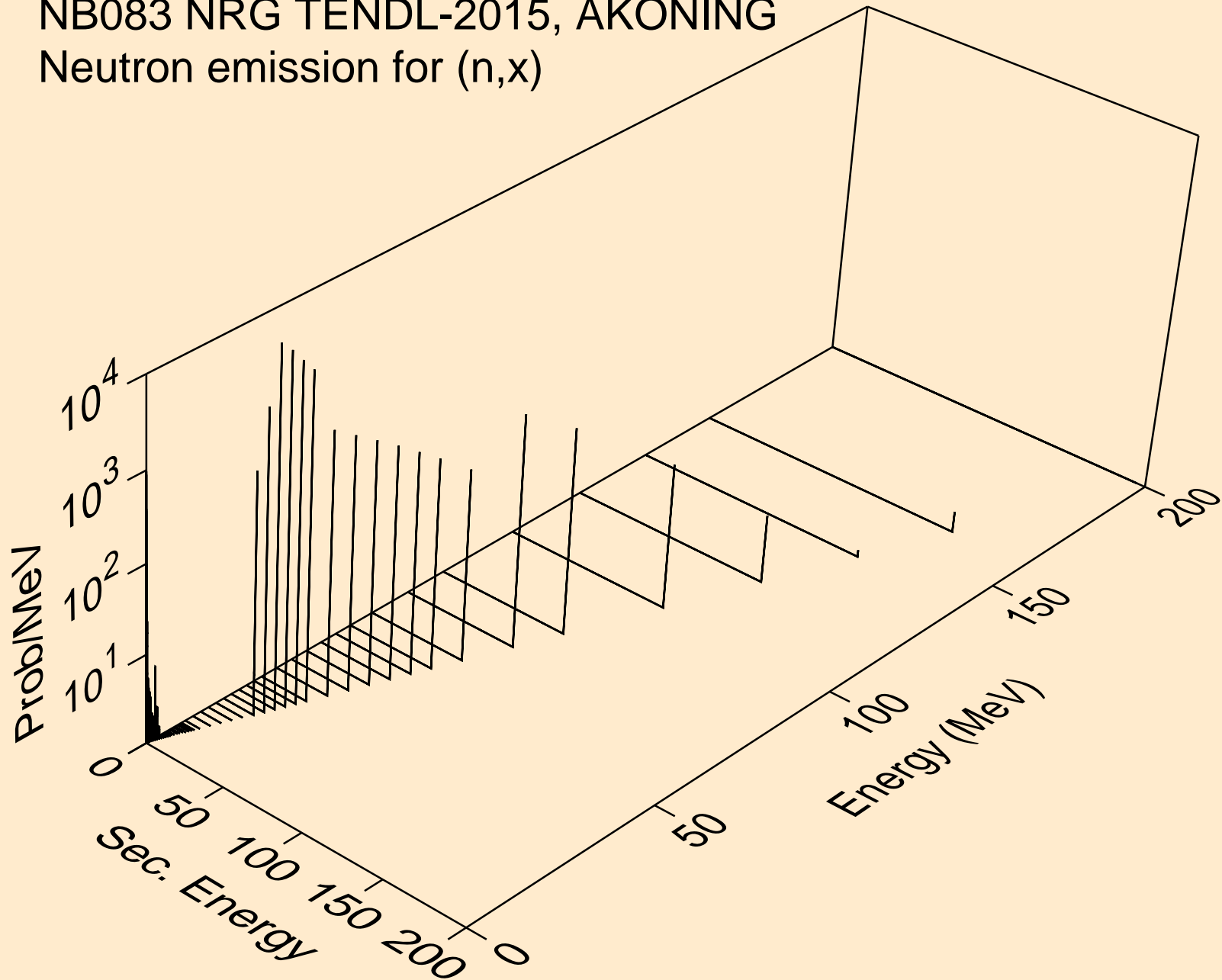
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



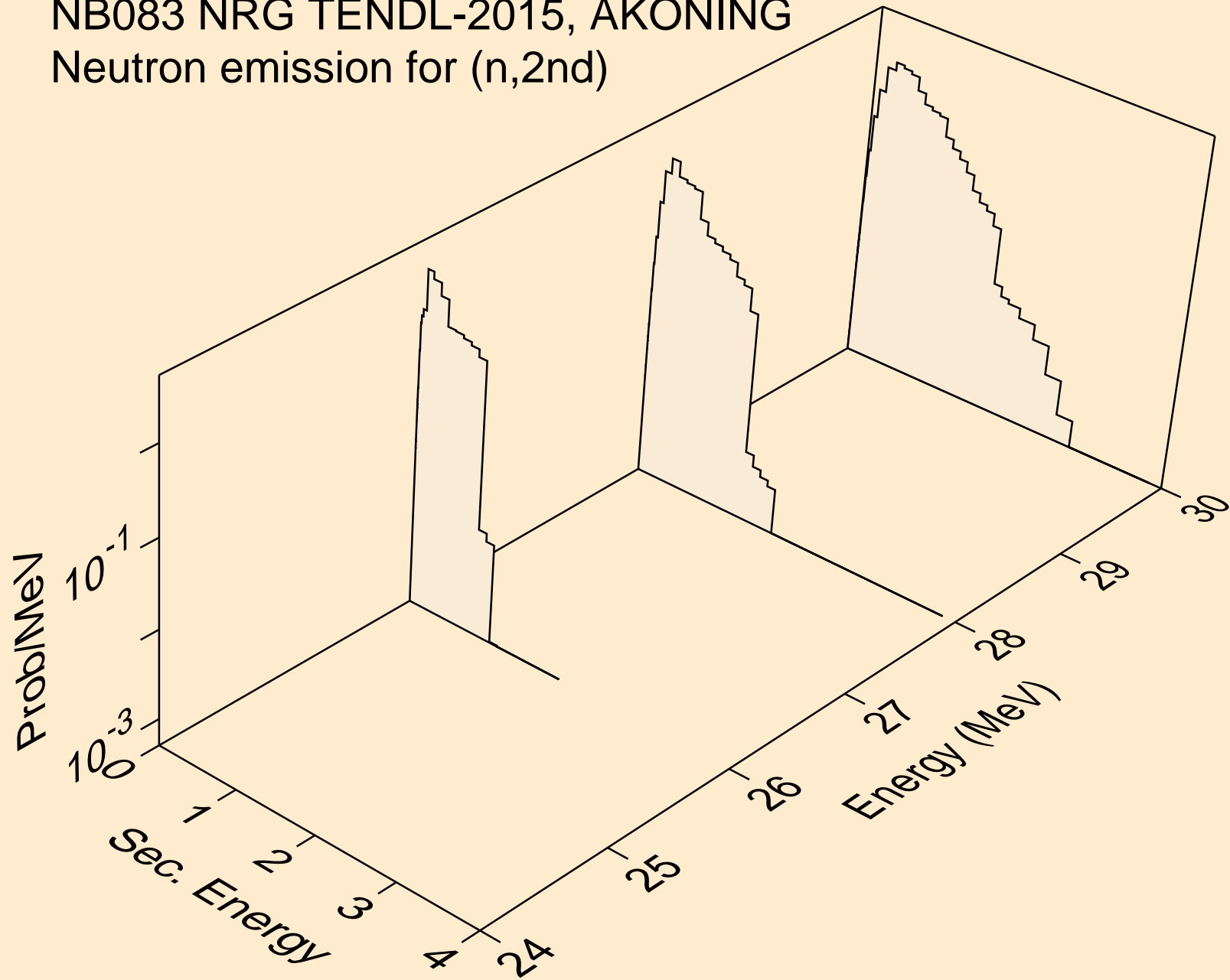
NB083 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



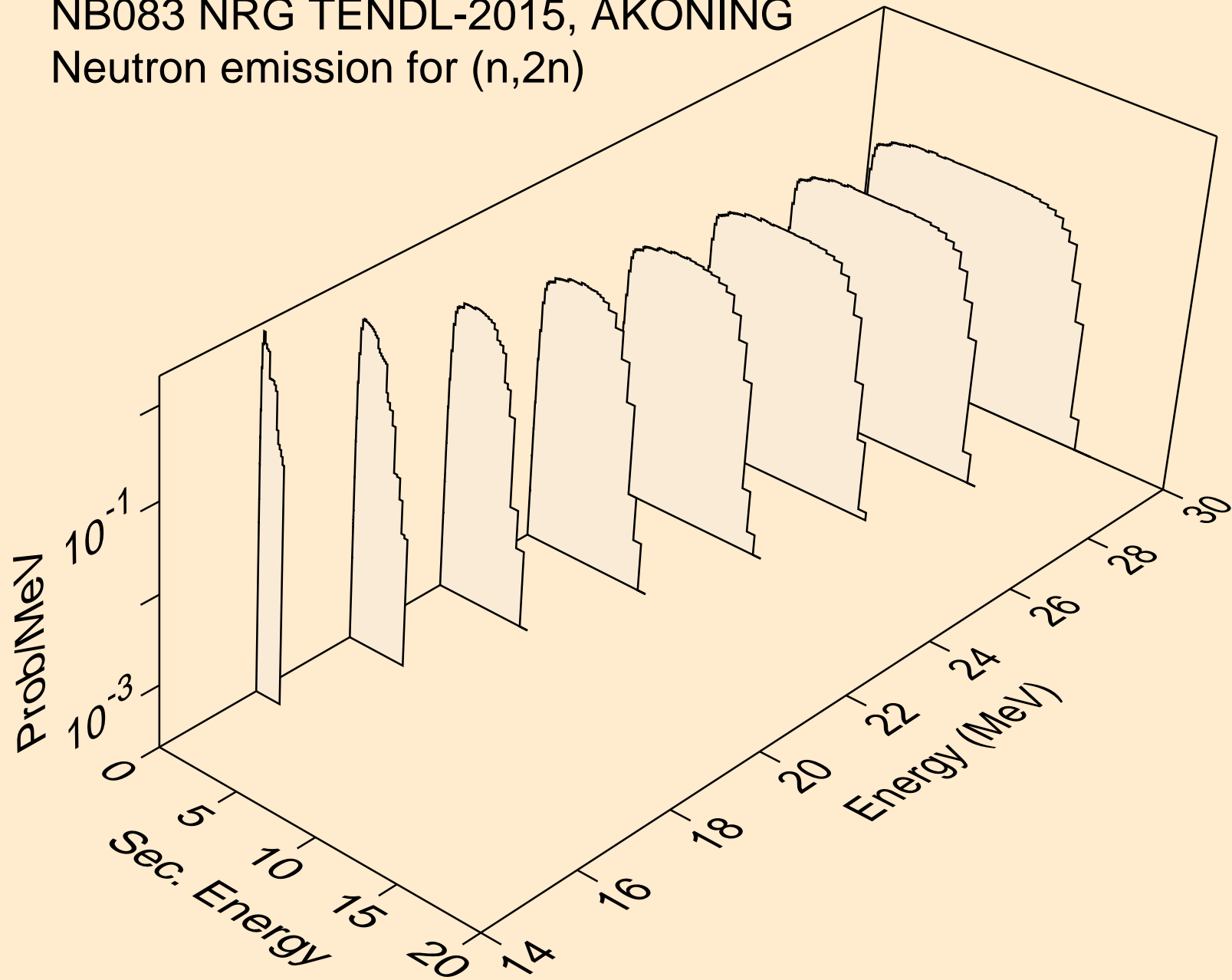
NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

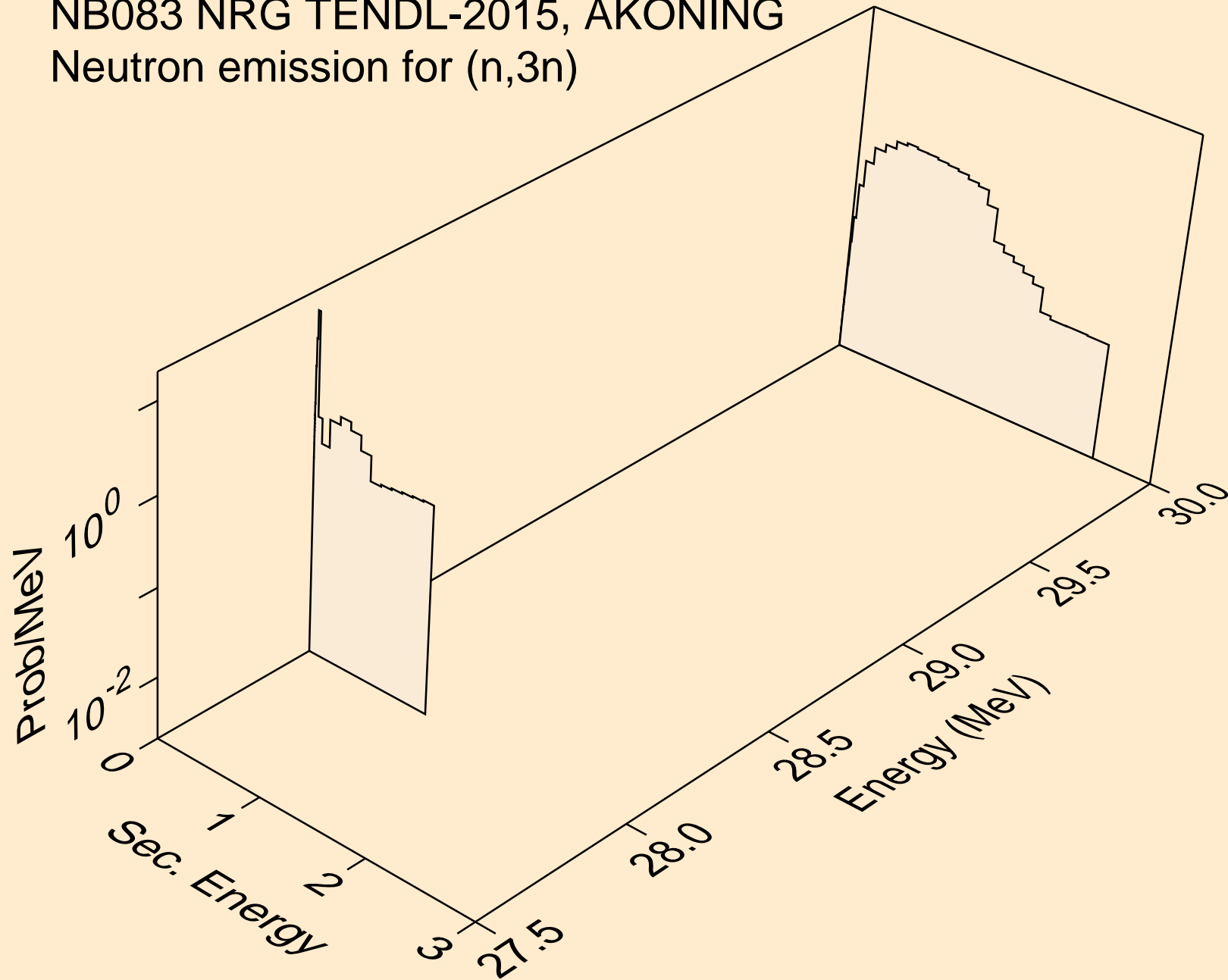


NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

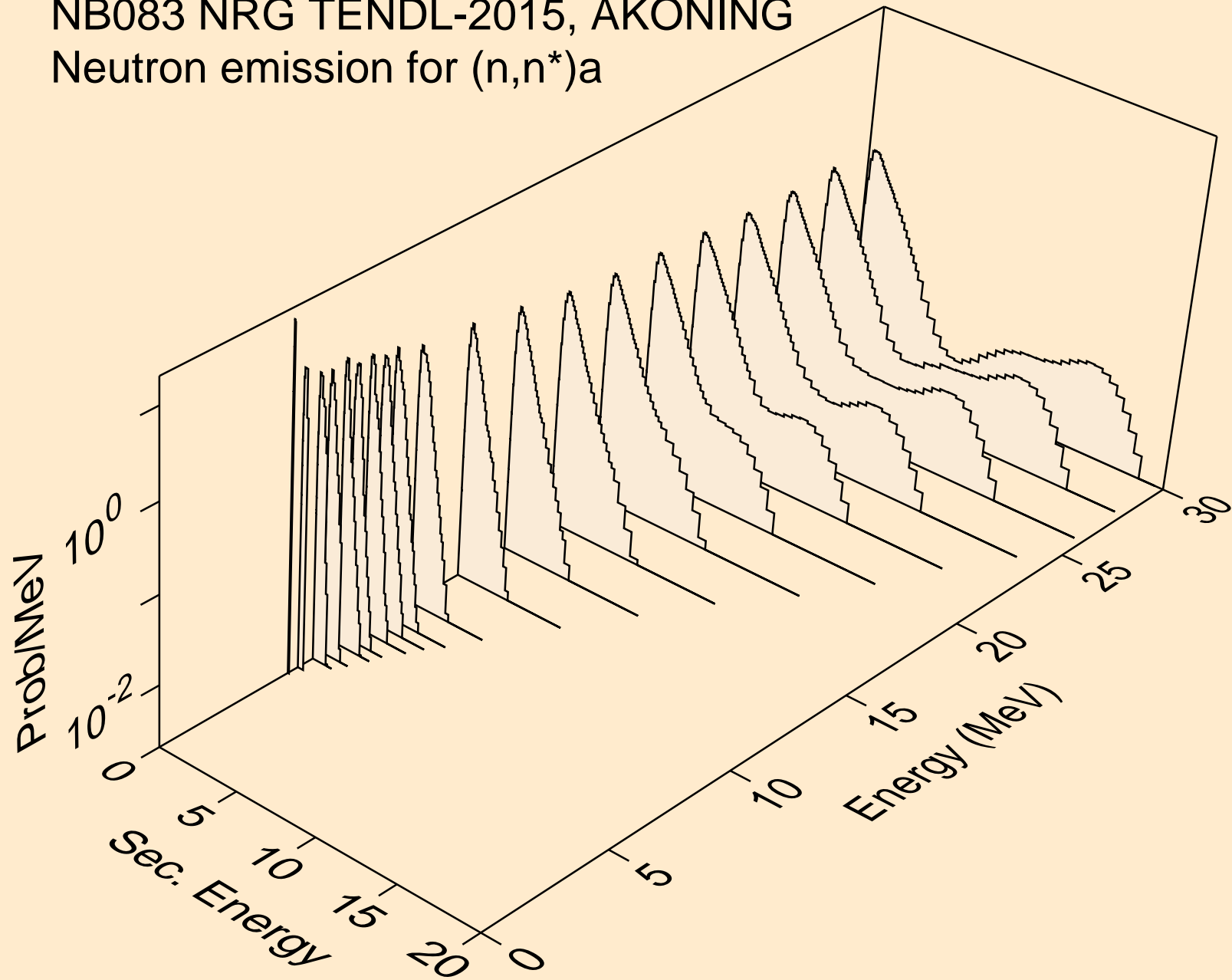




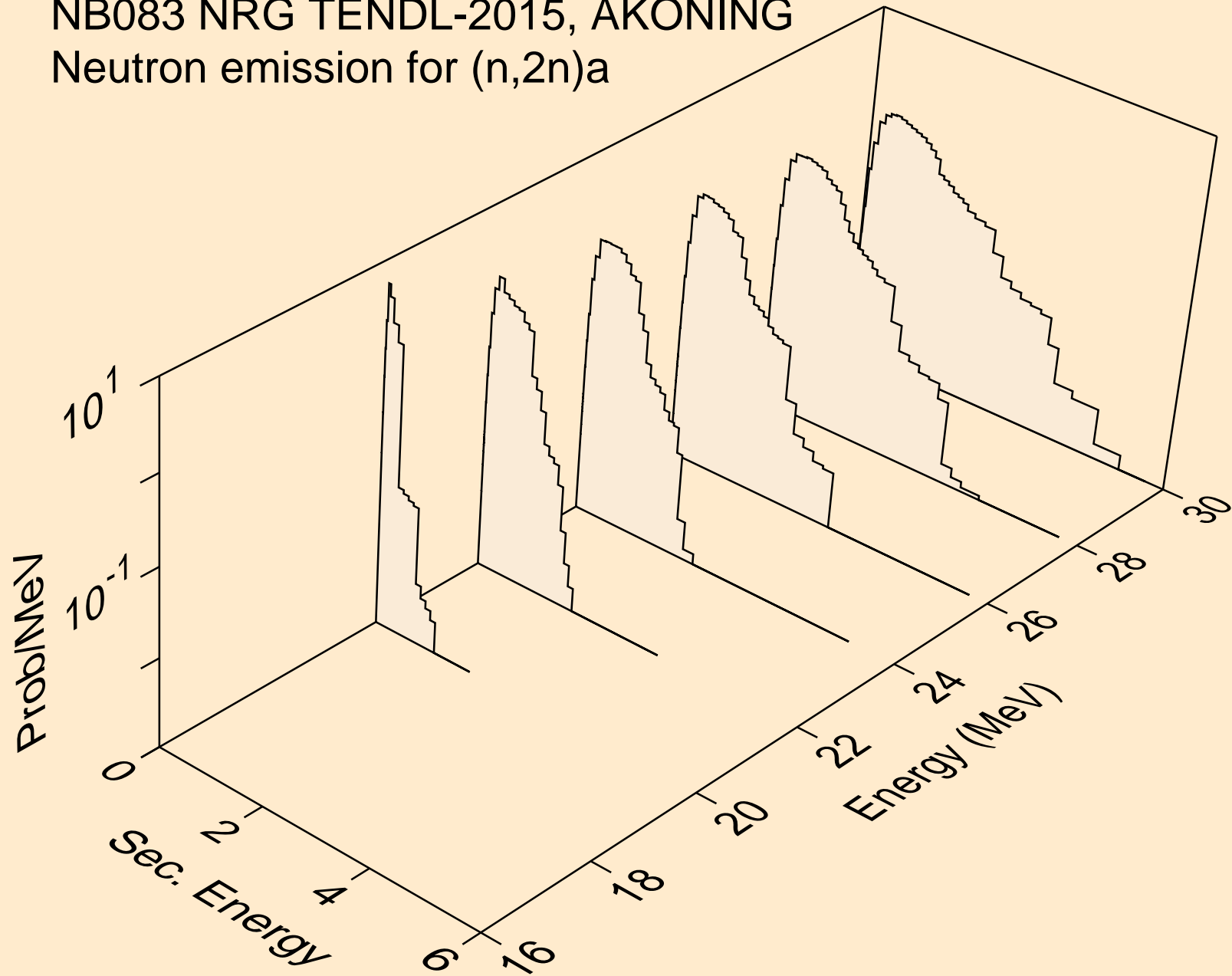
NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



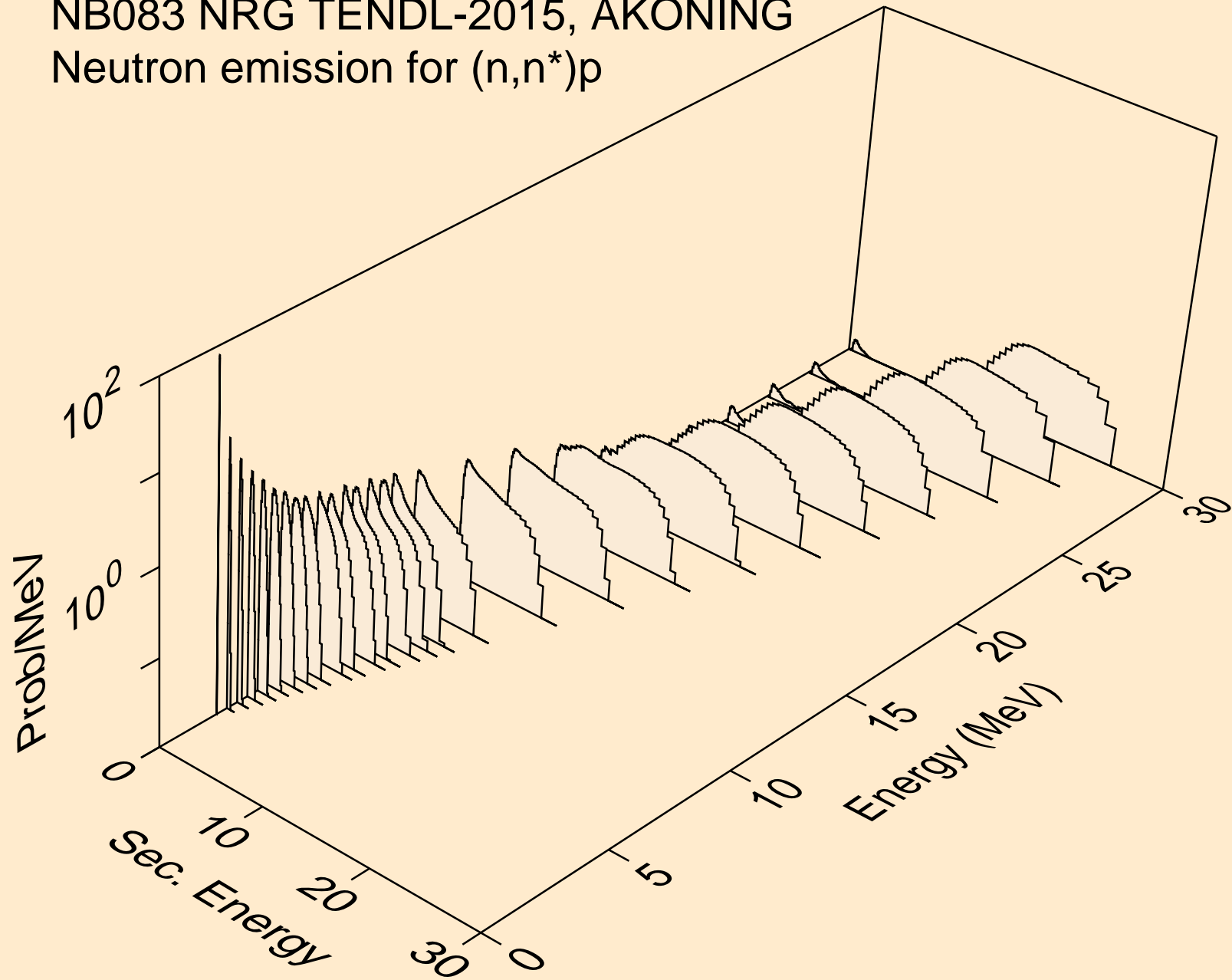
NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



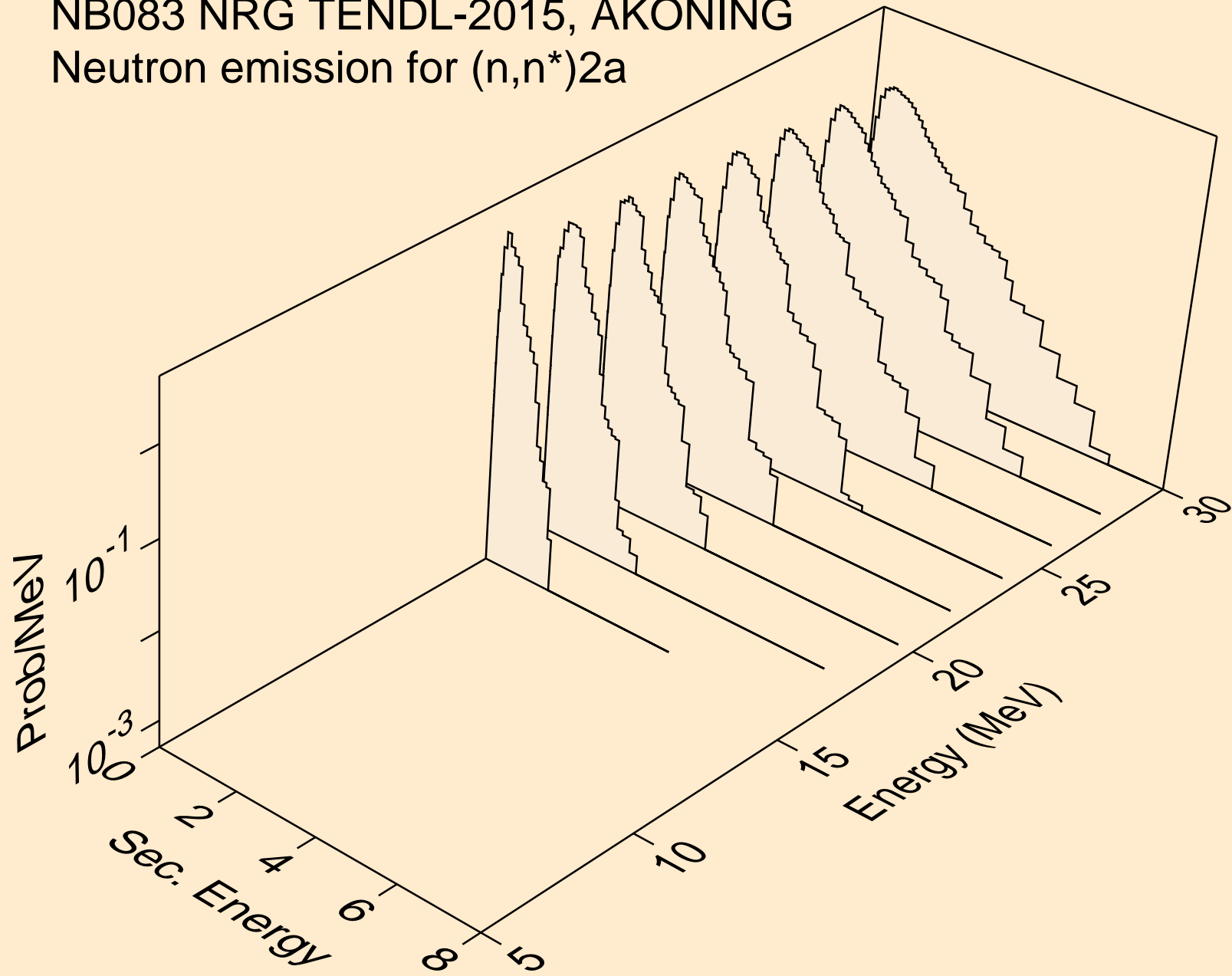
NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



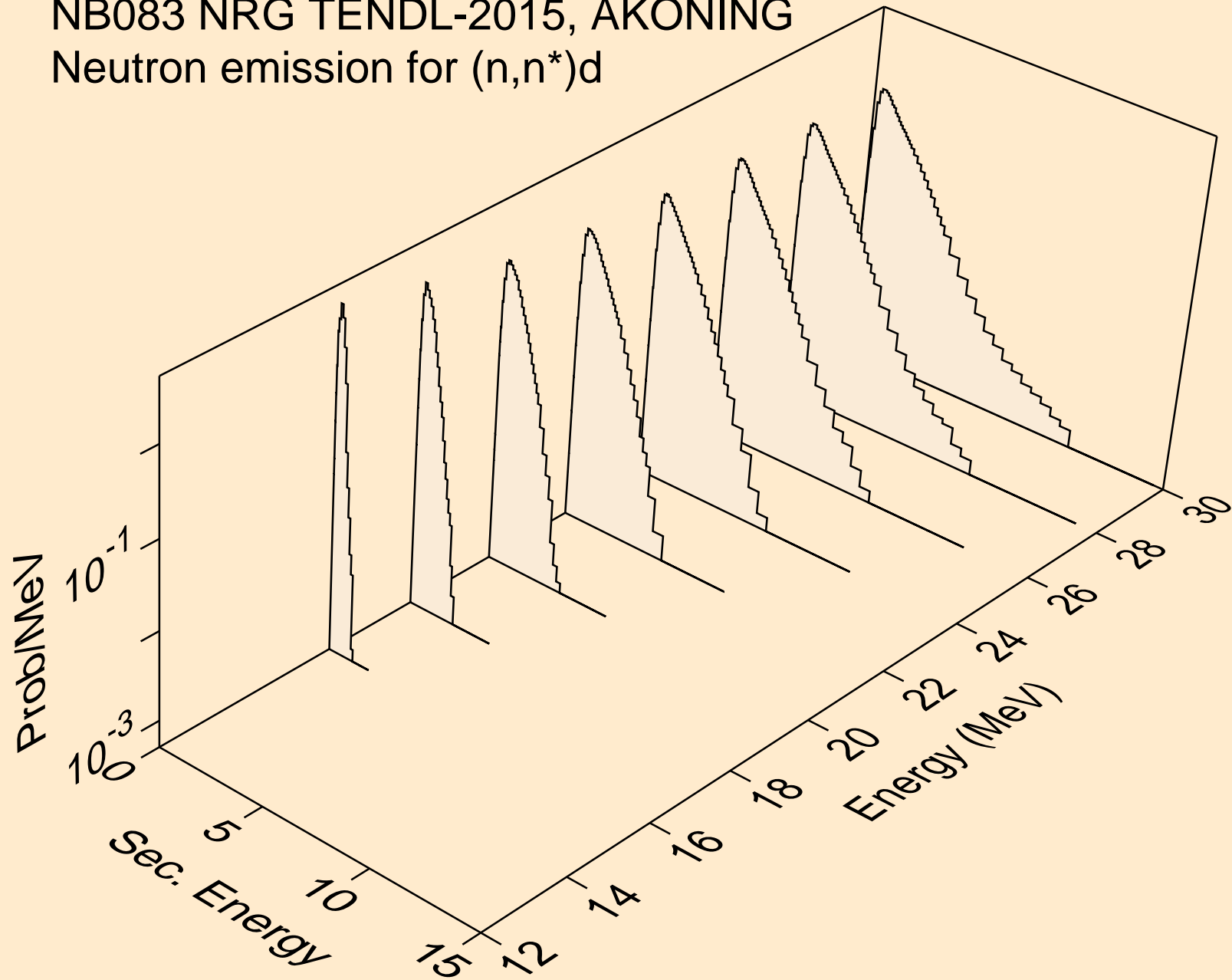
NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



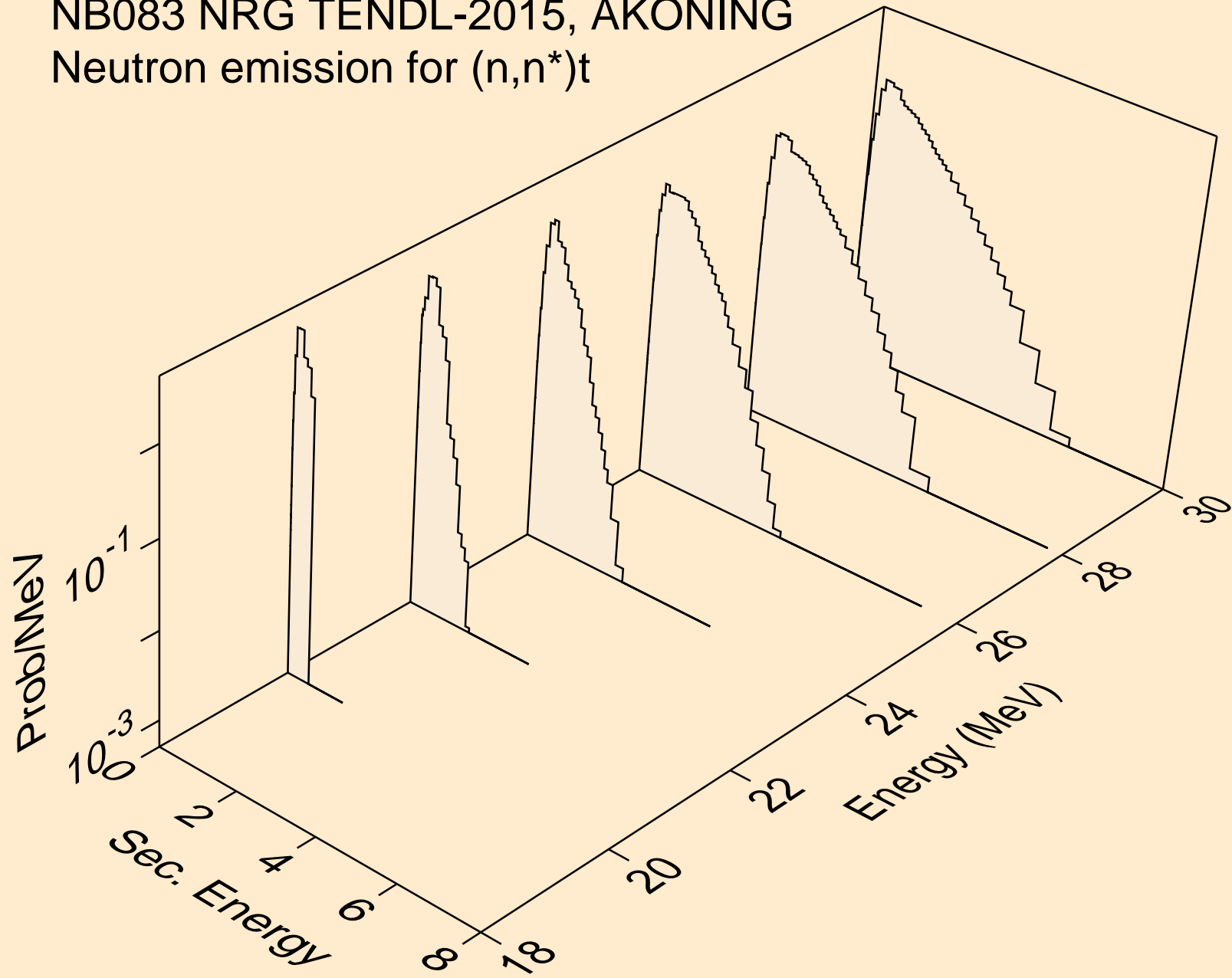
NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



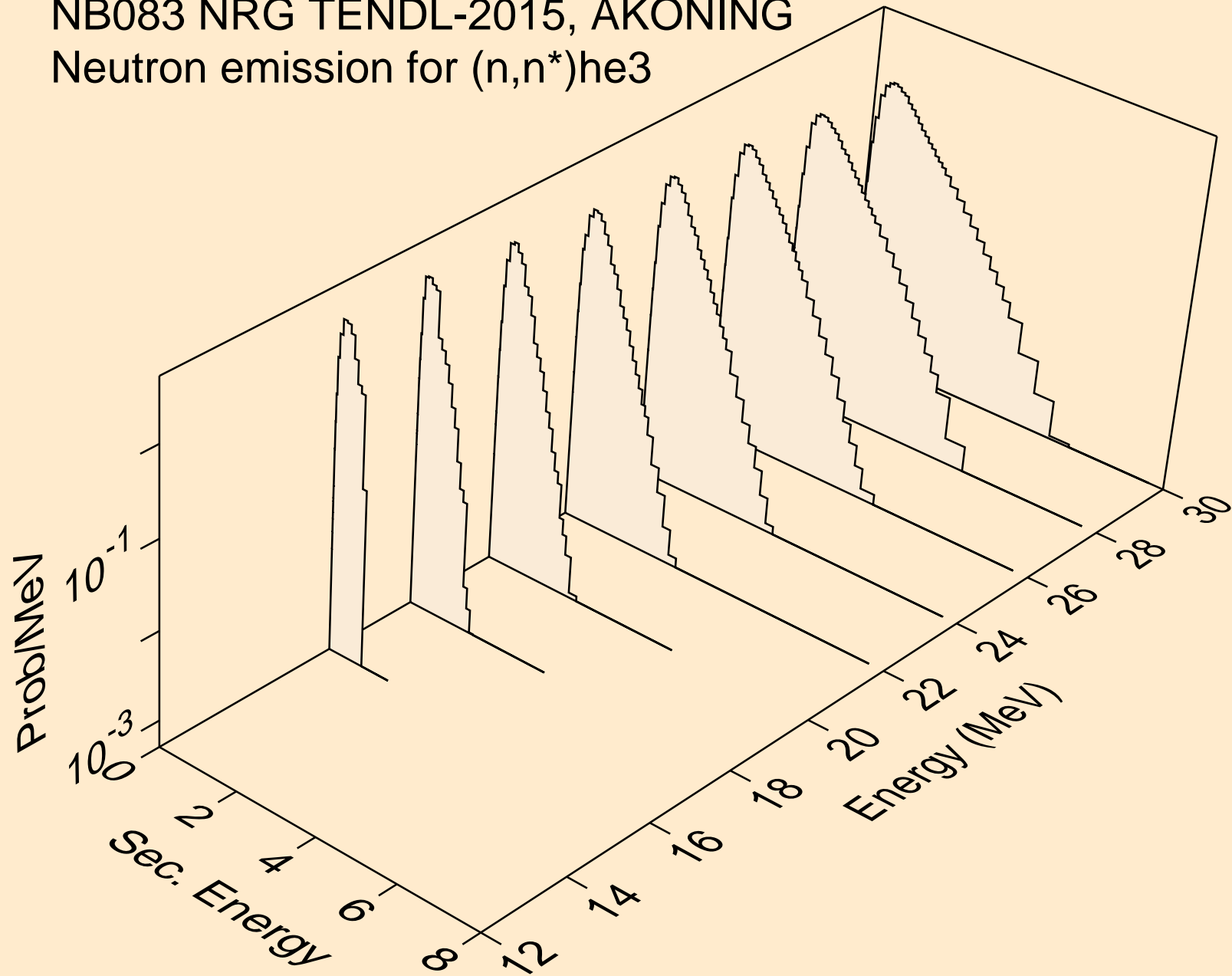
NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

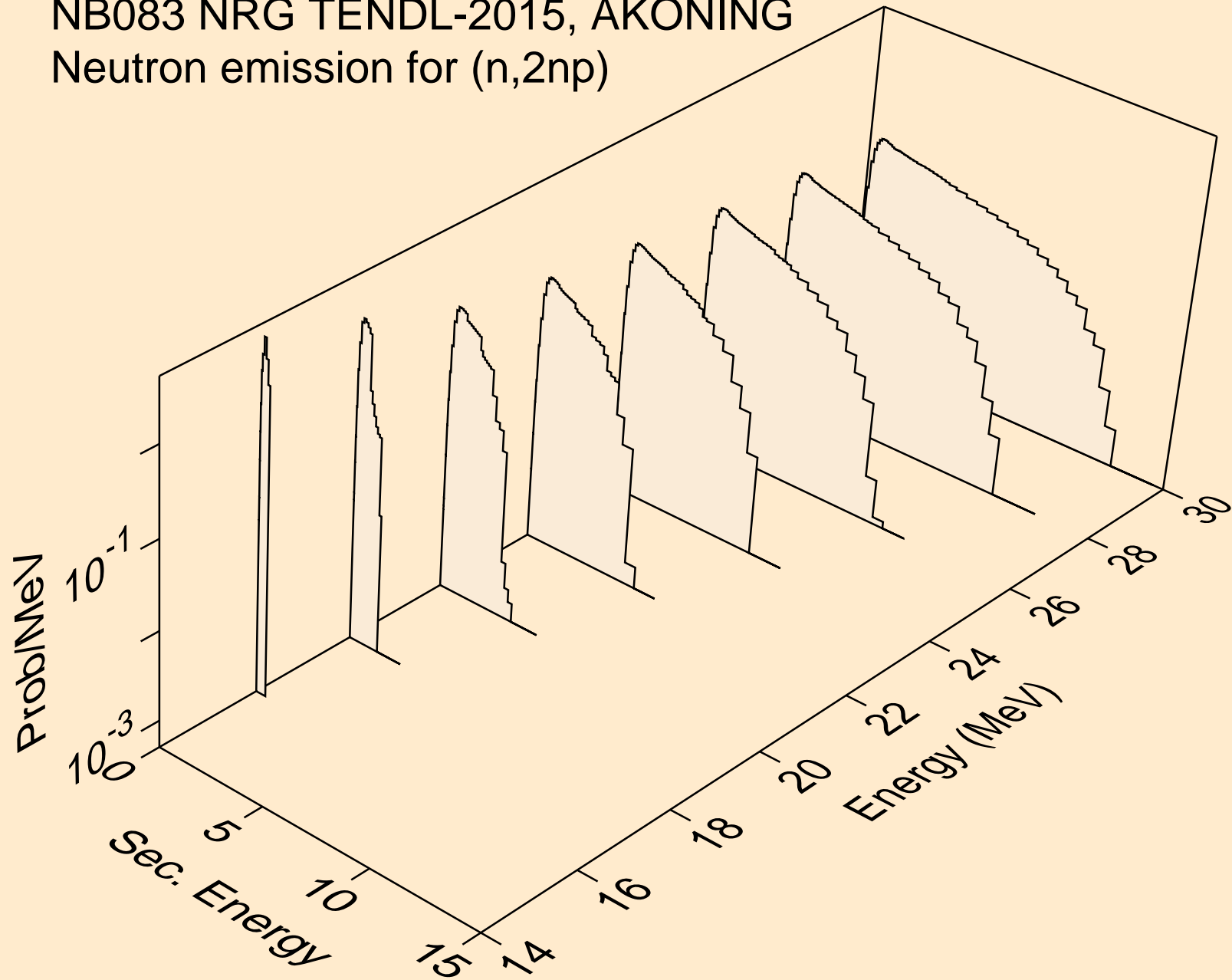


NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

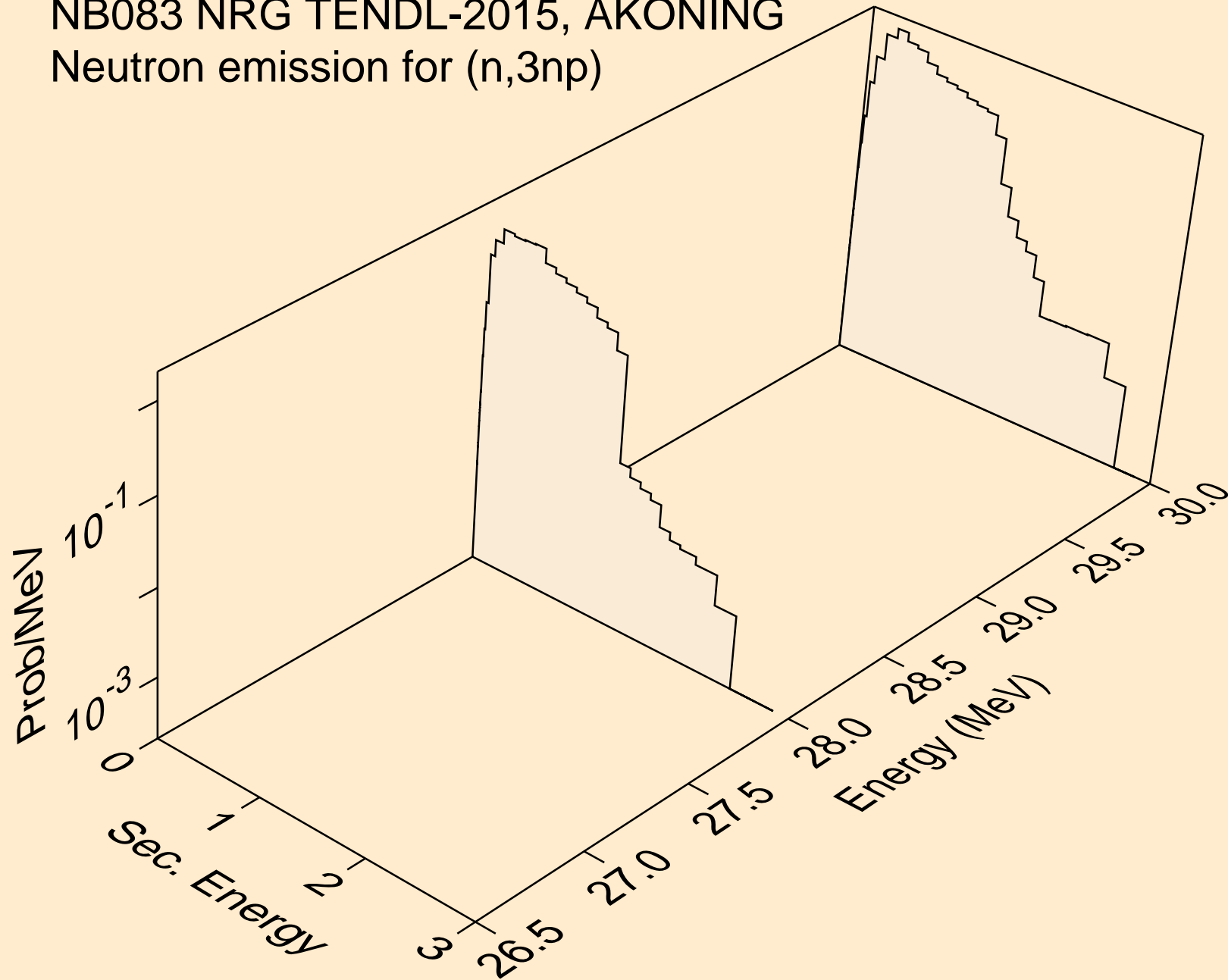




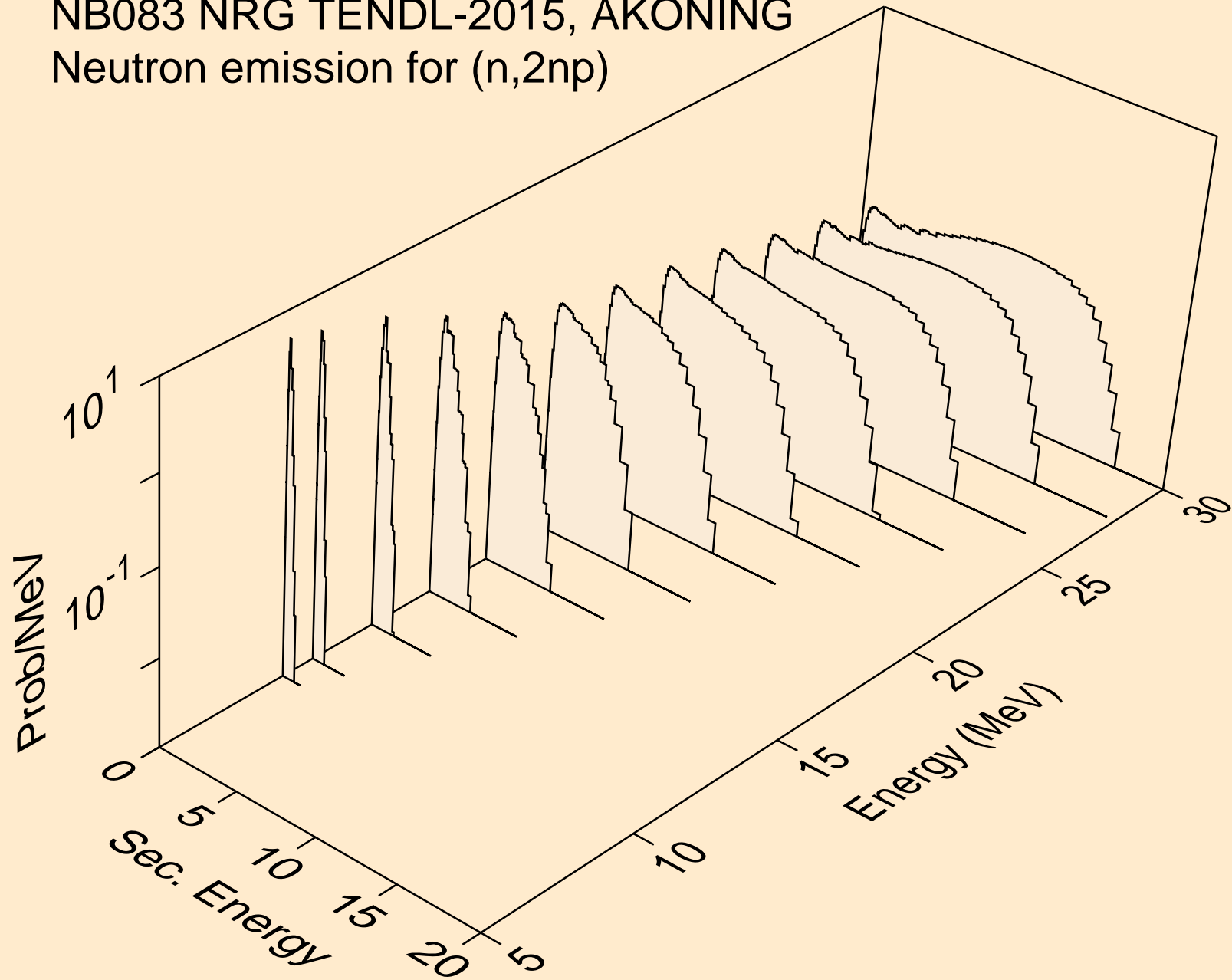
NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



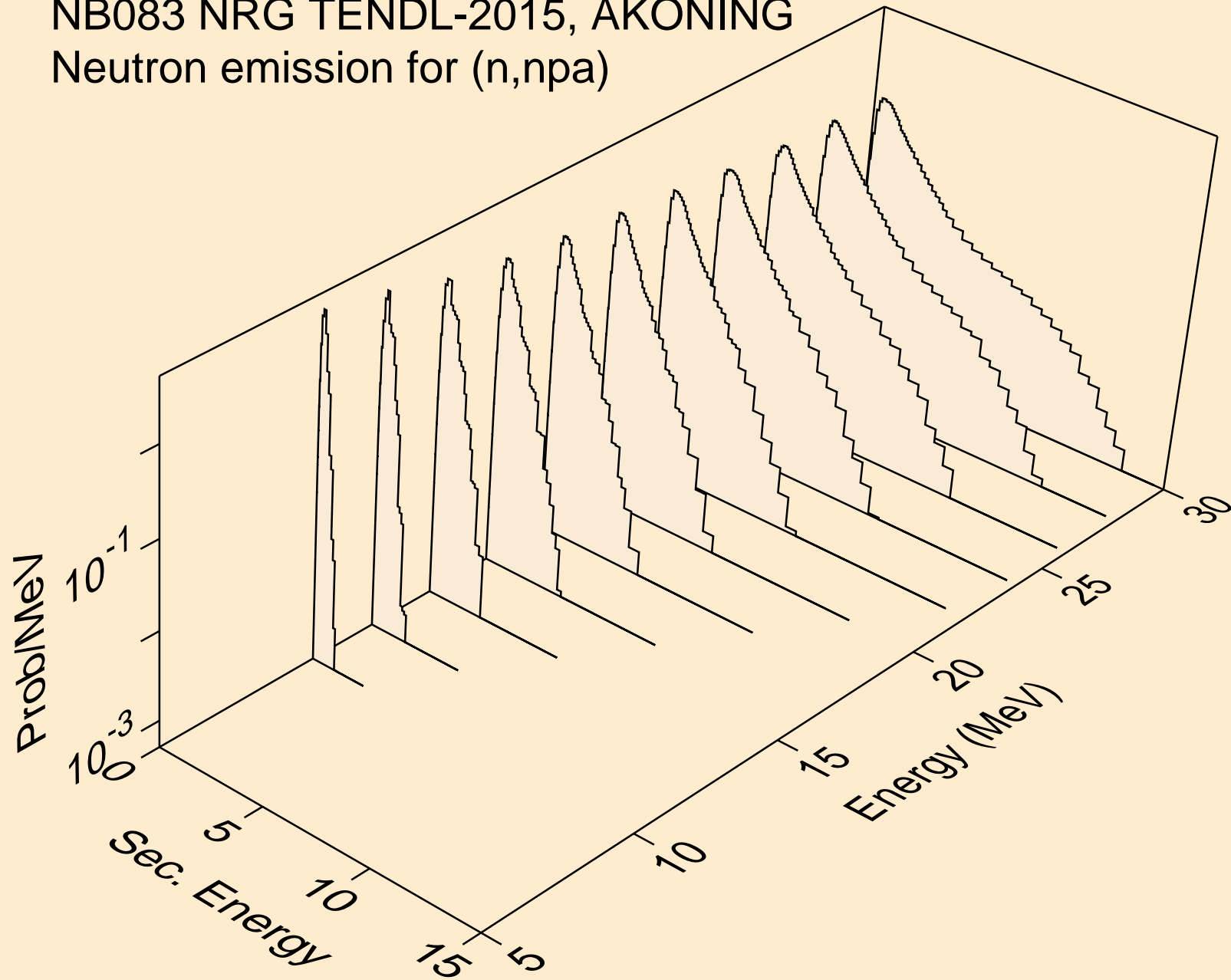
NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



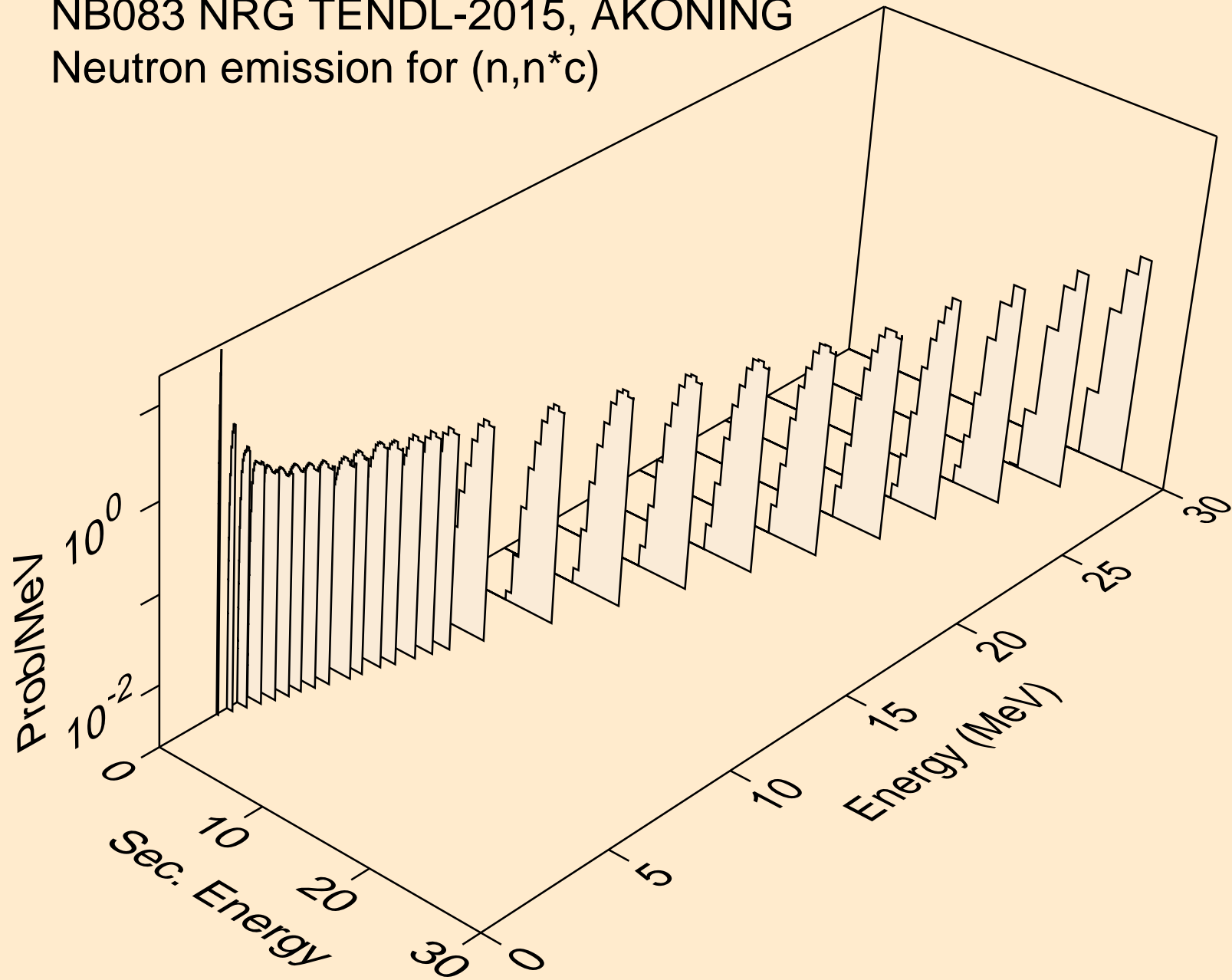
NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



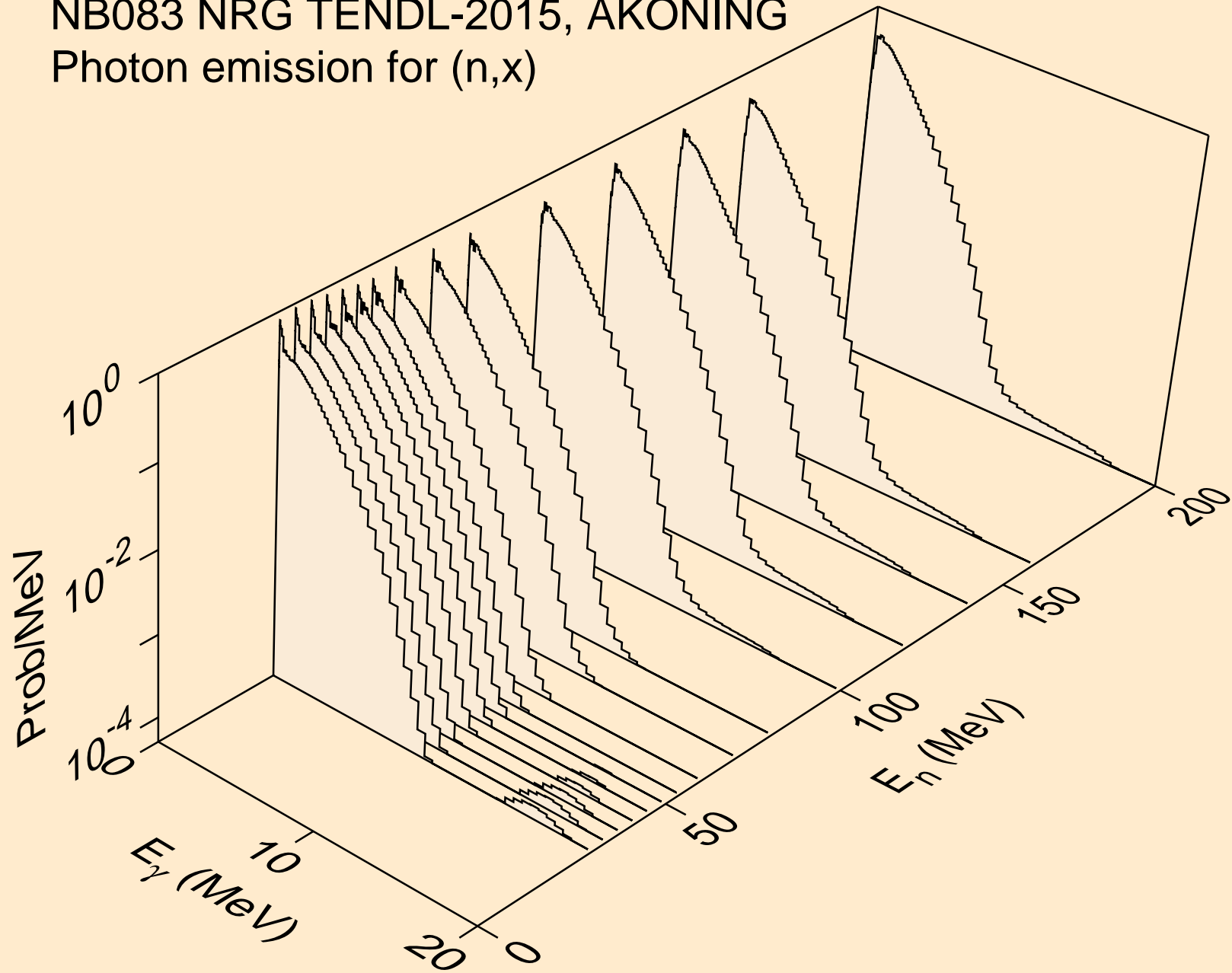
NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



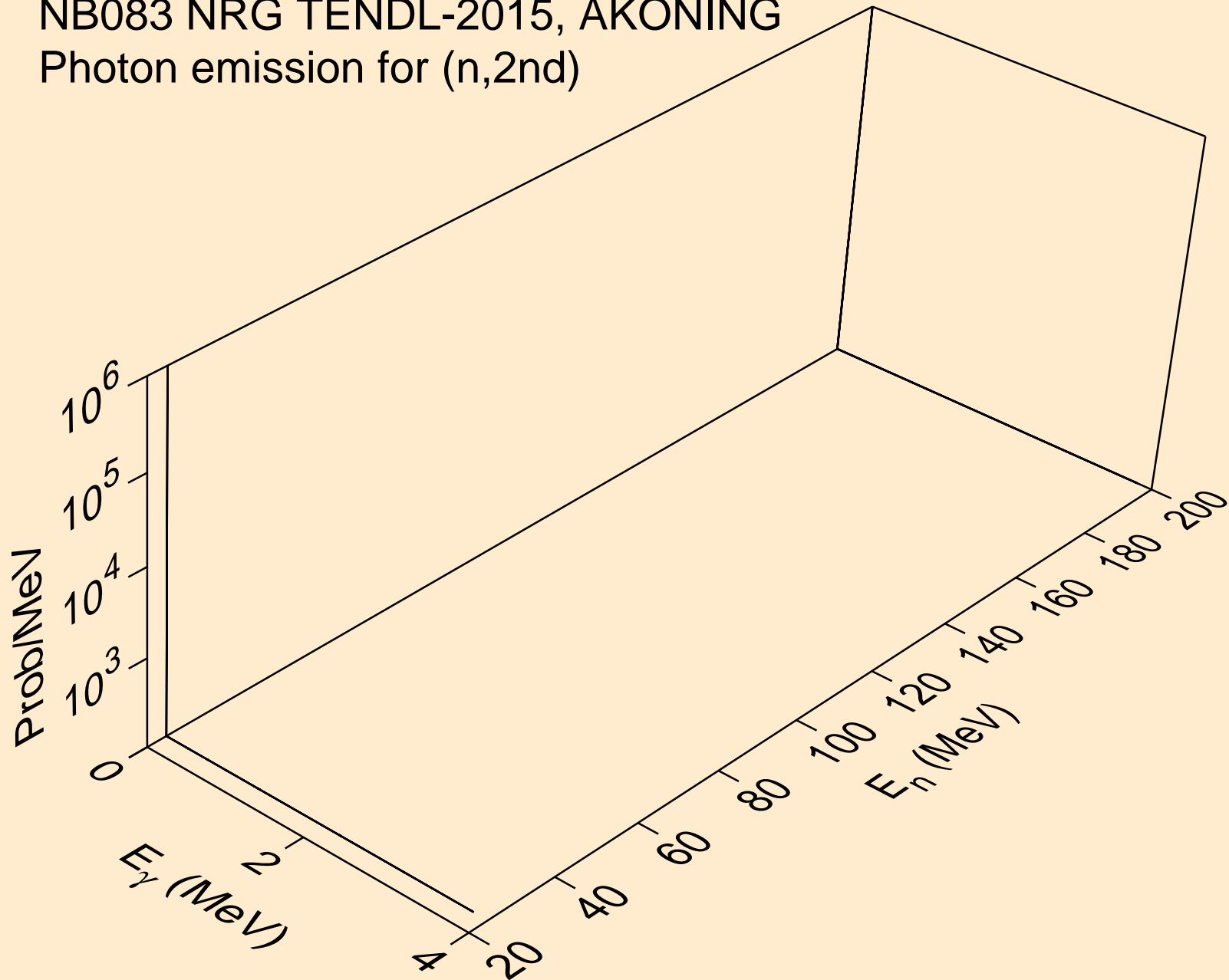
NB083 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



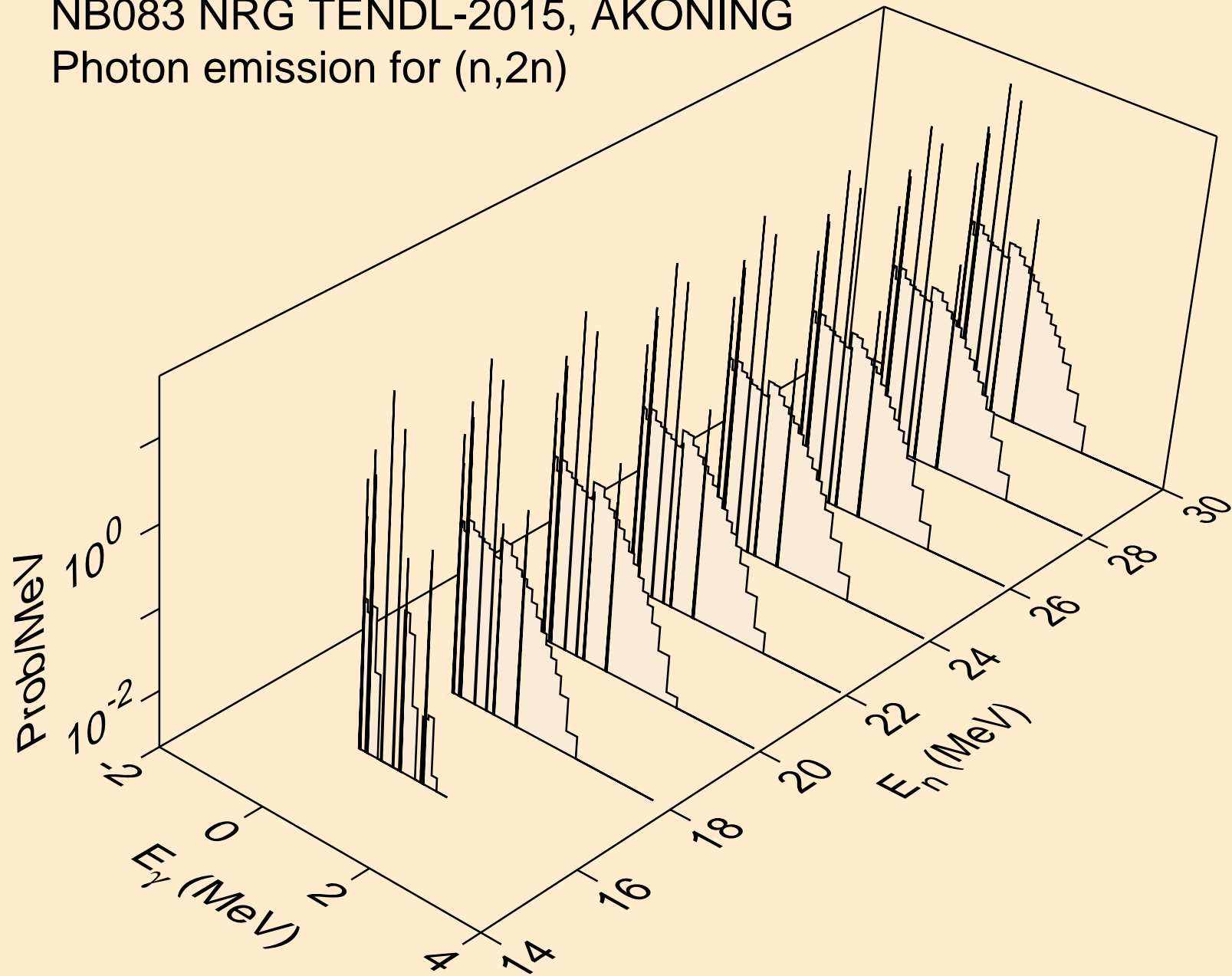
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

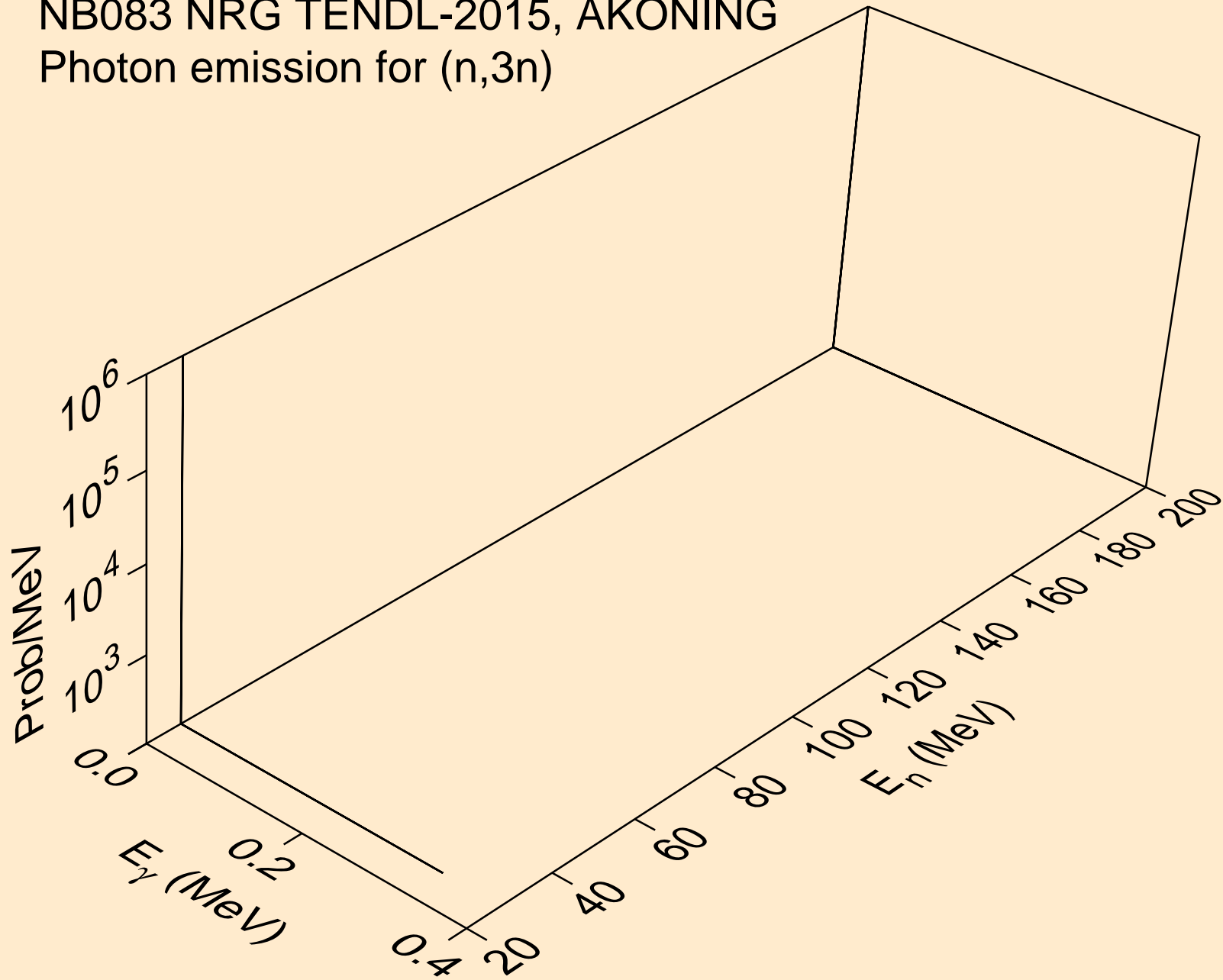


NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

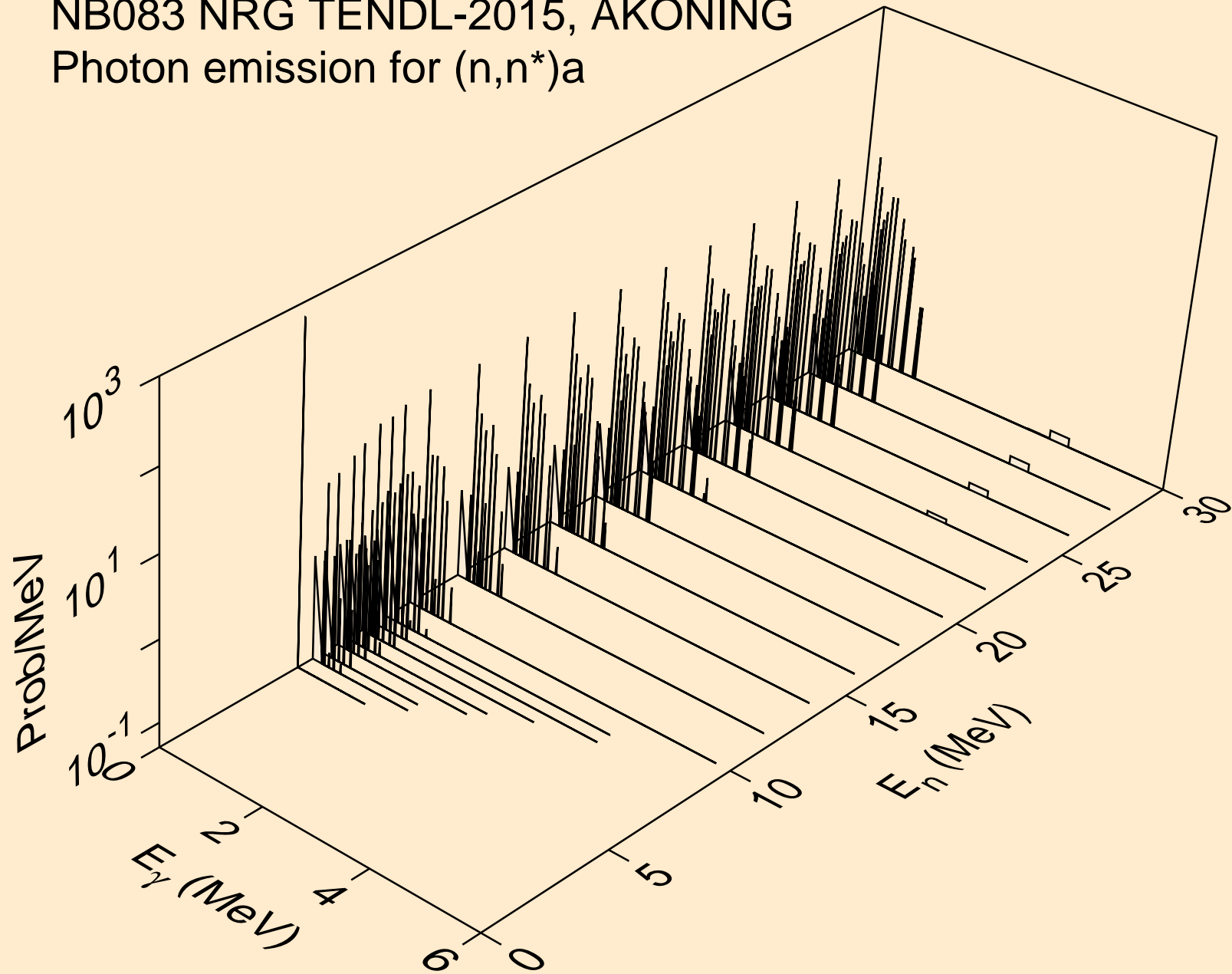




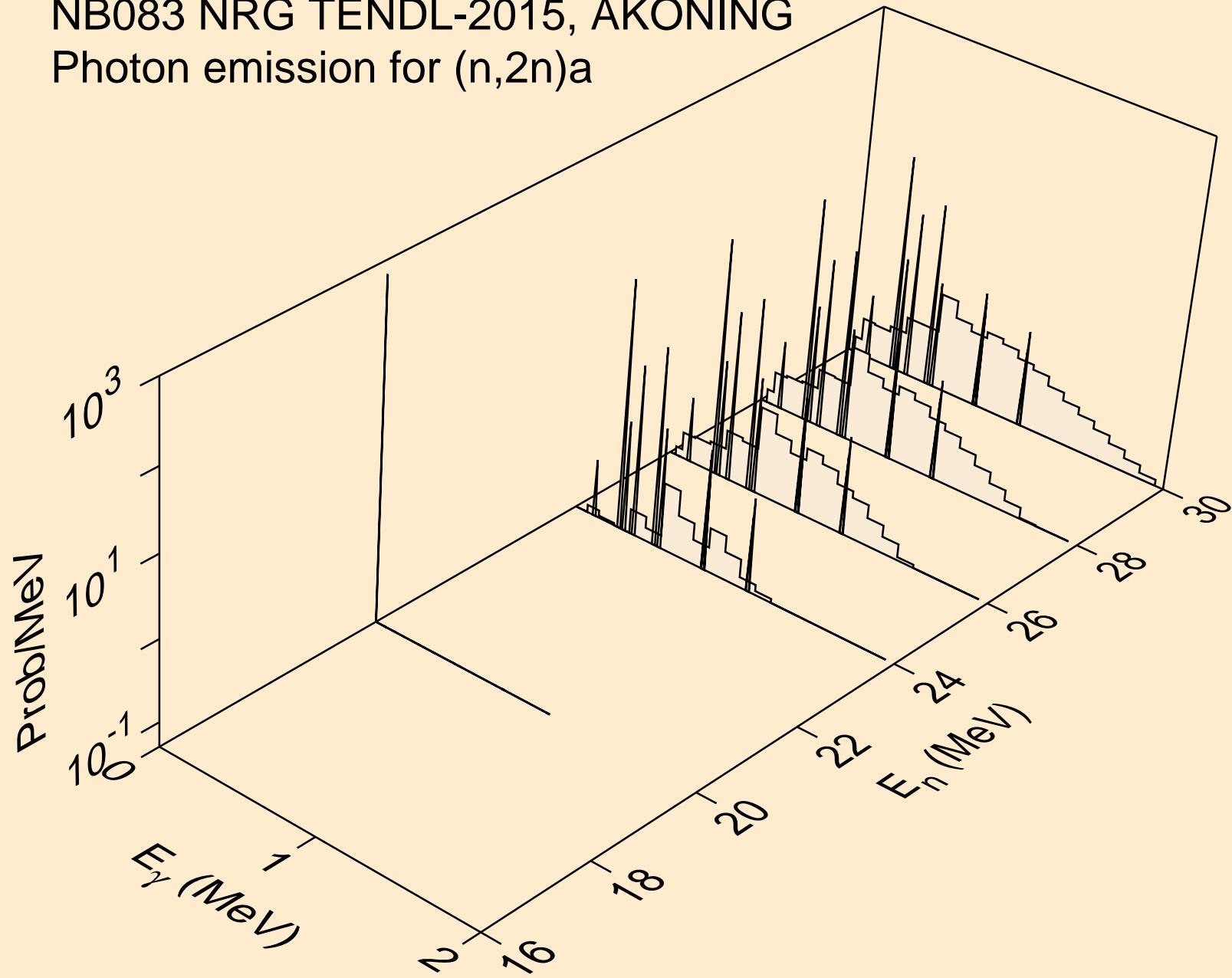
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



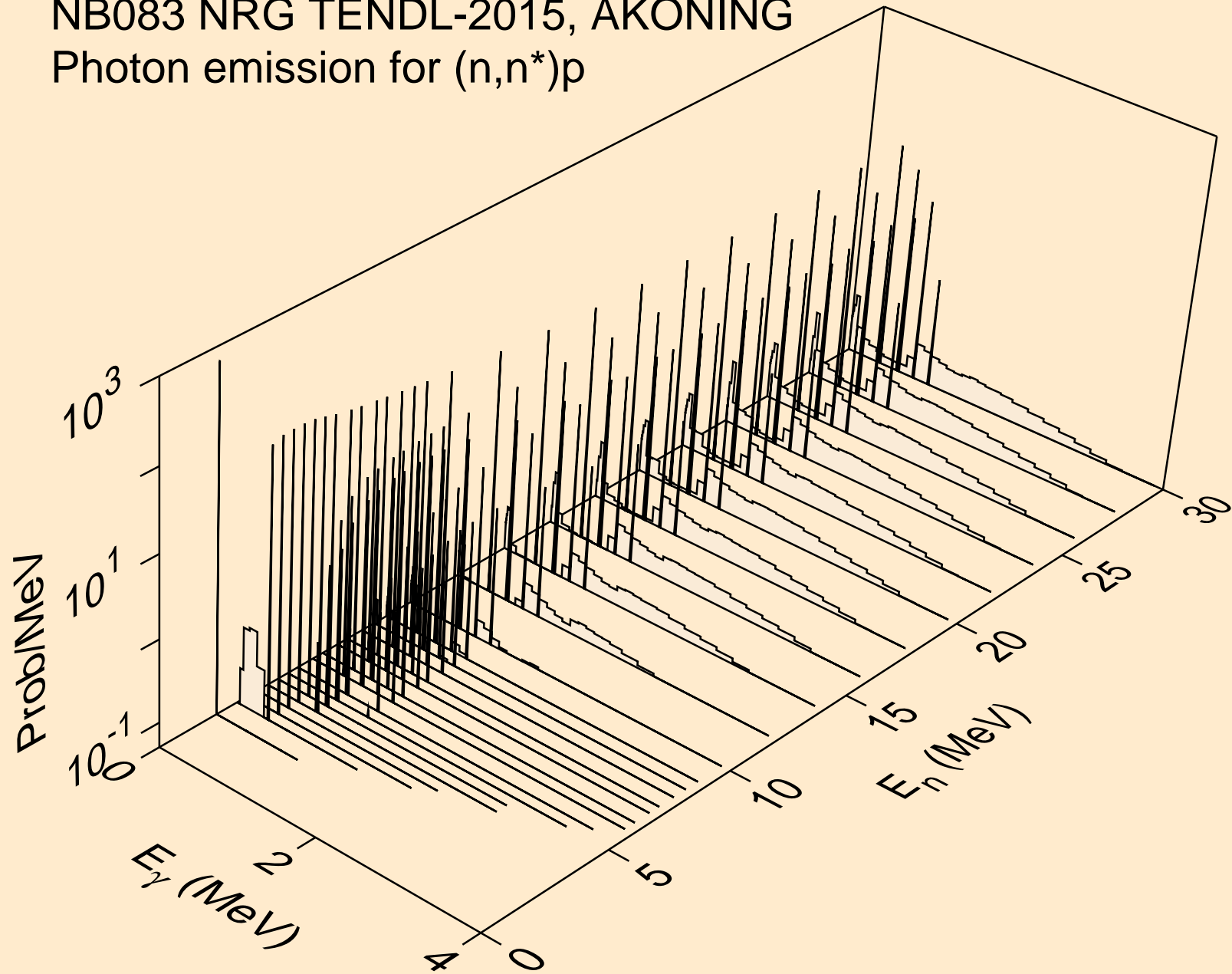
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



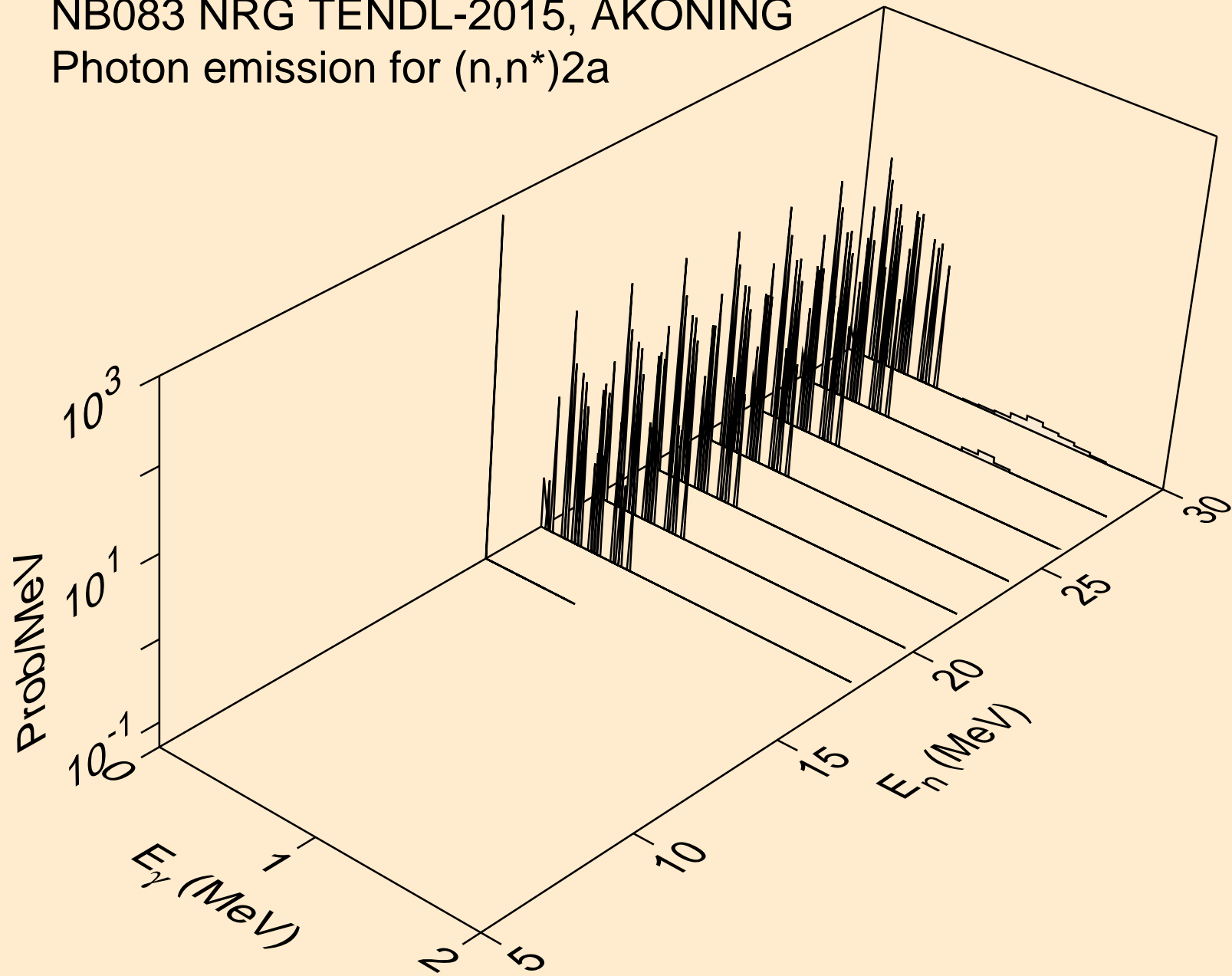
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



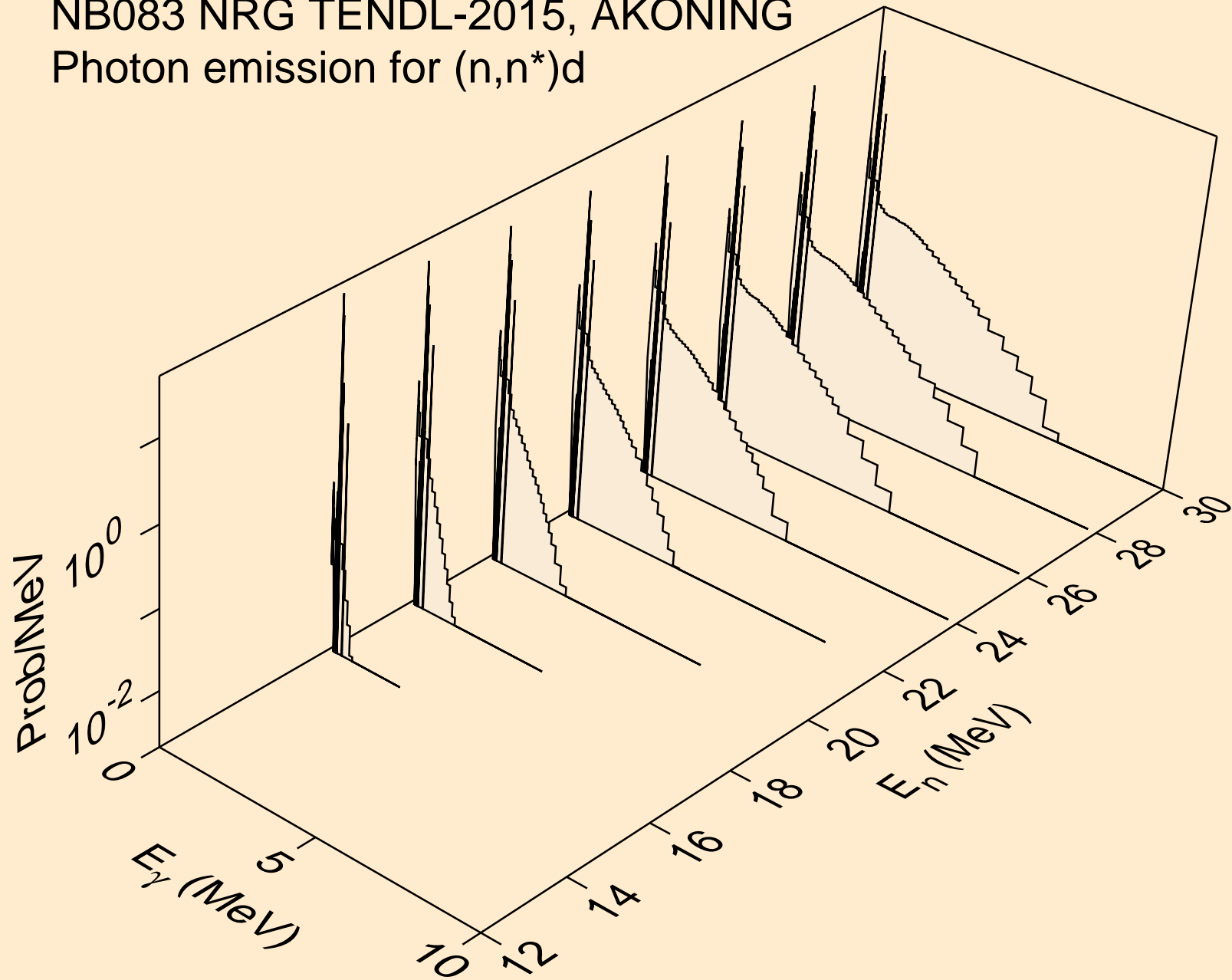
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



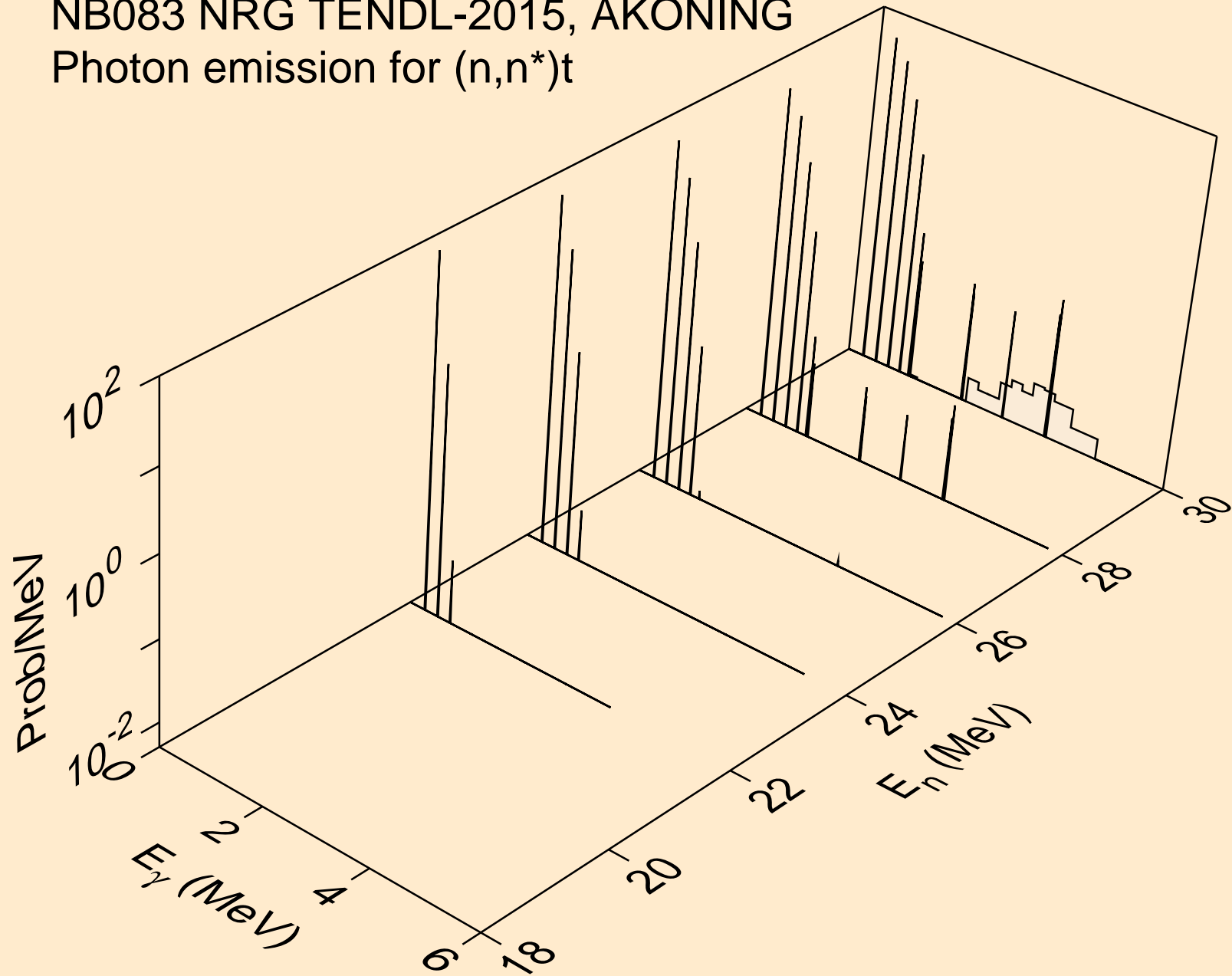
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



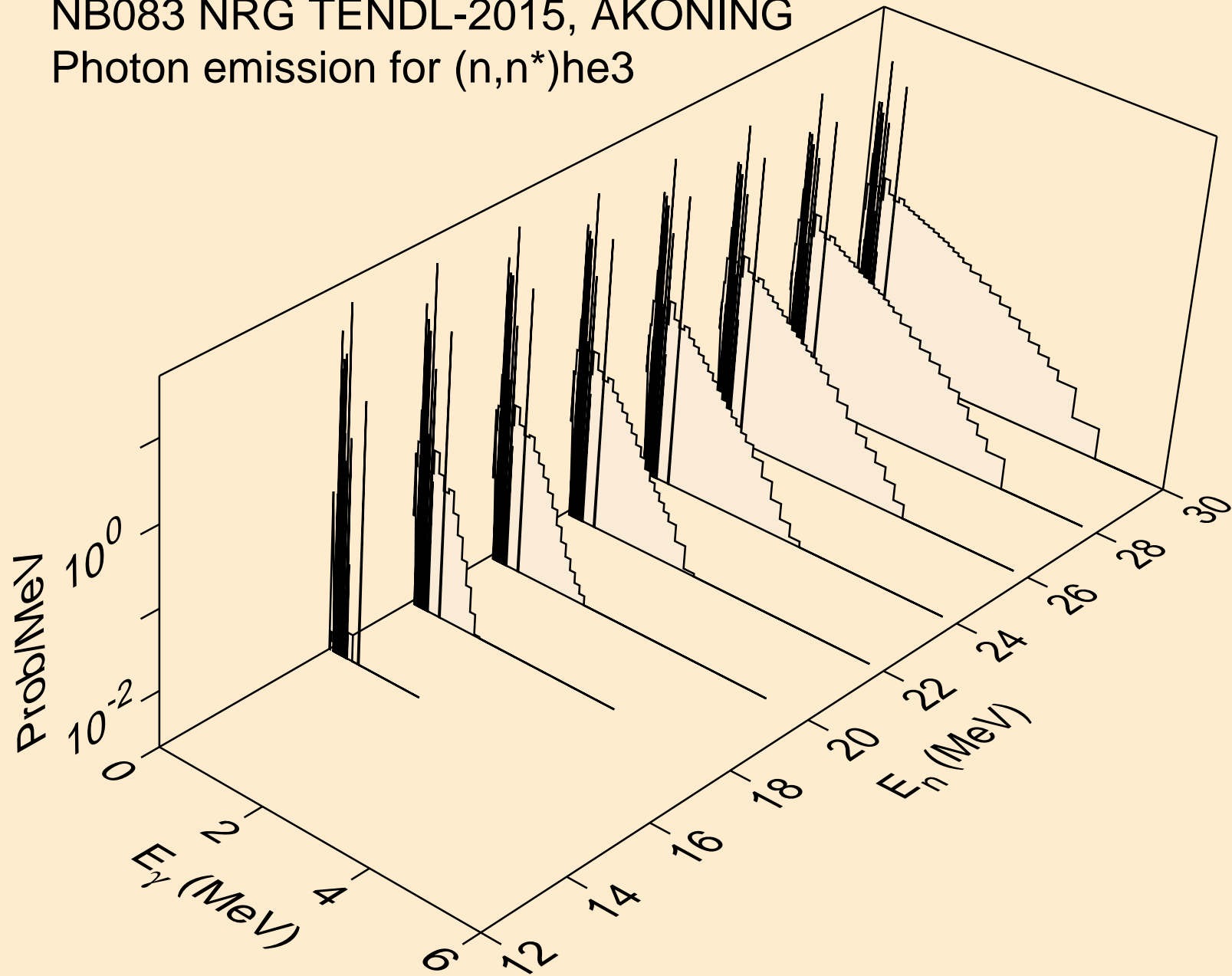
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

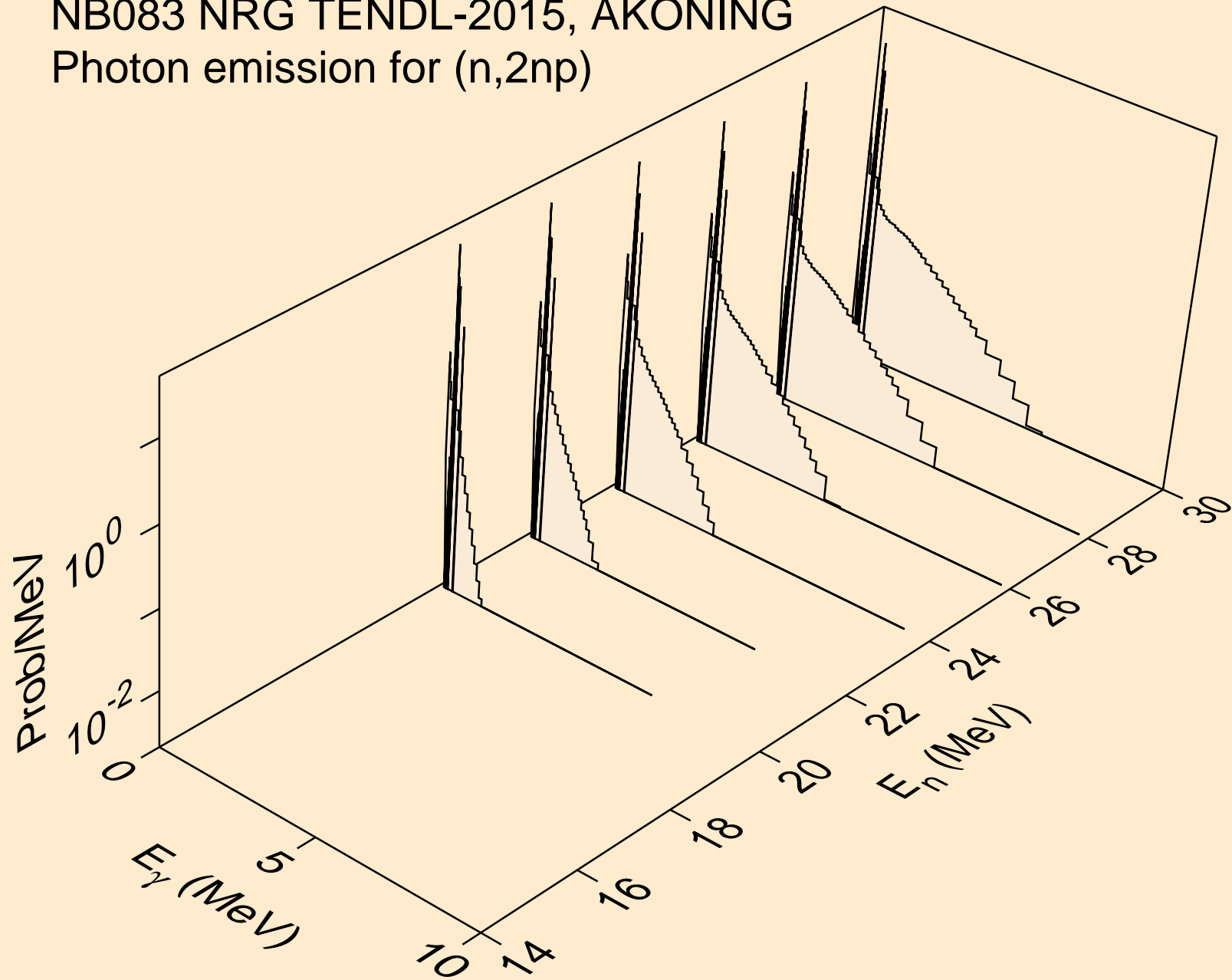


NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

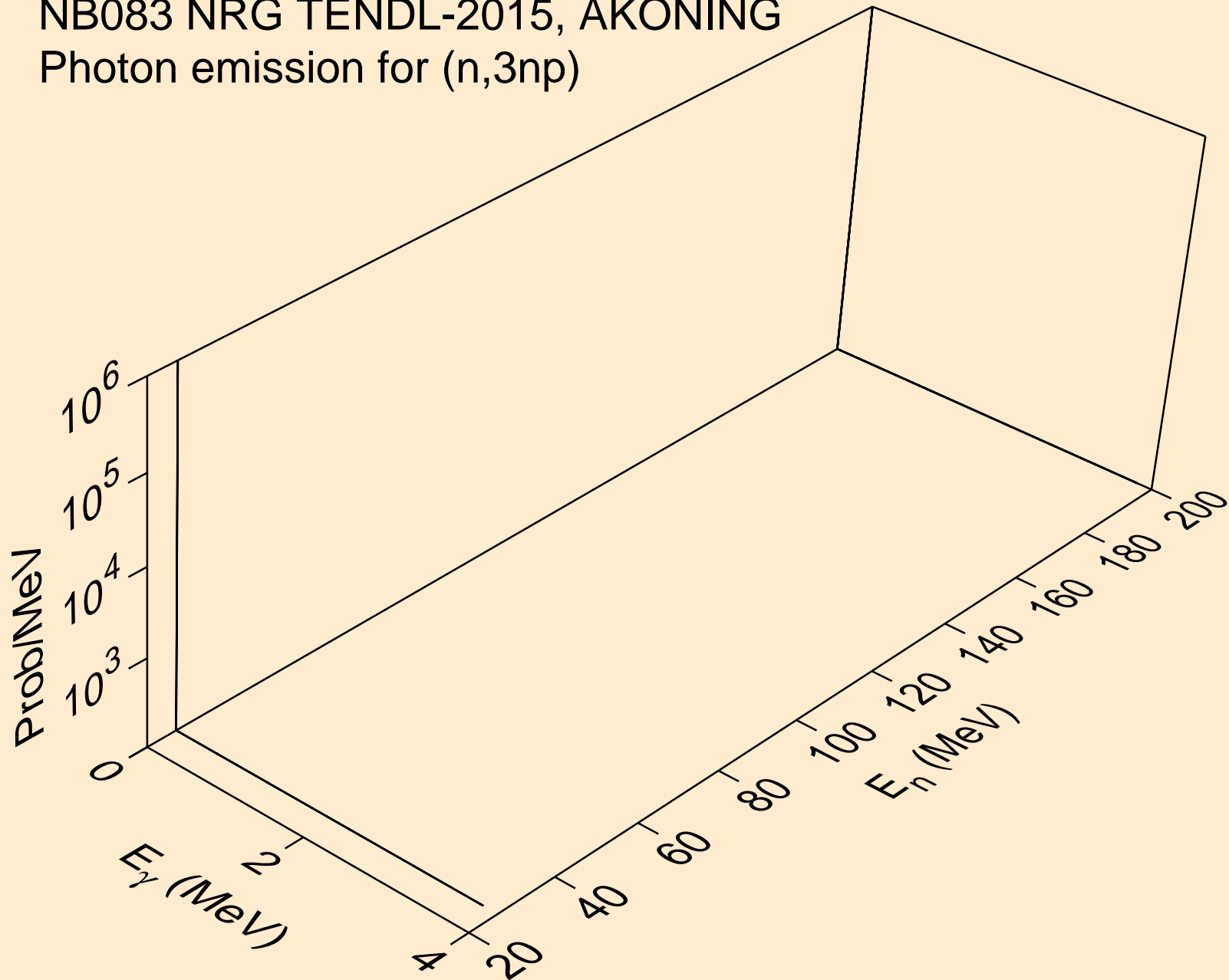




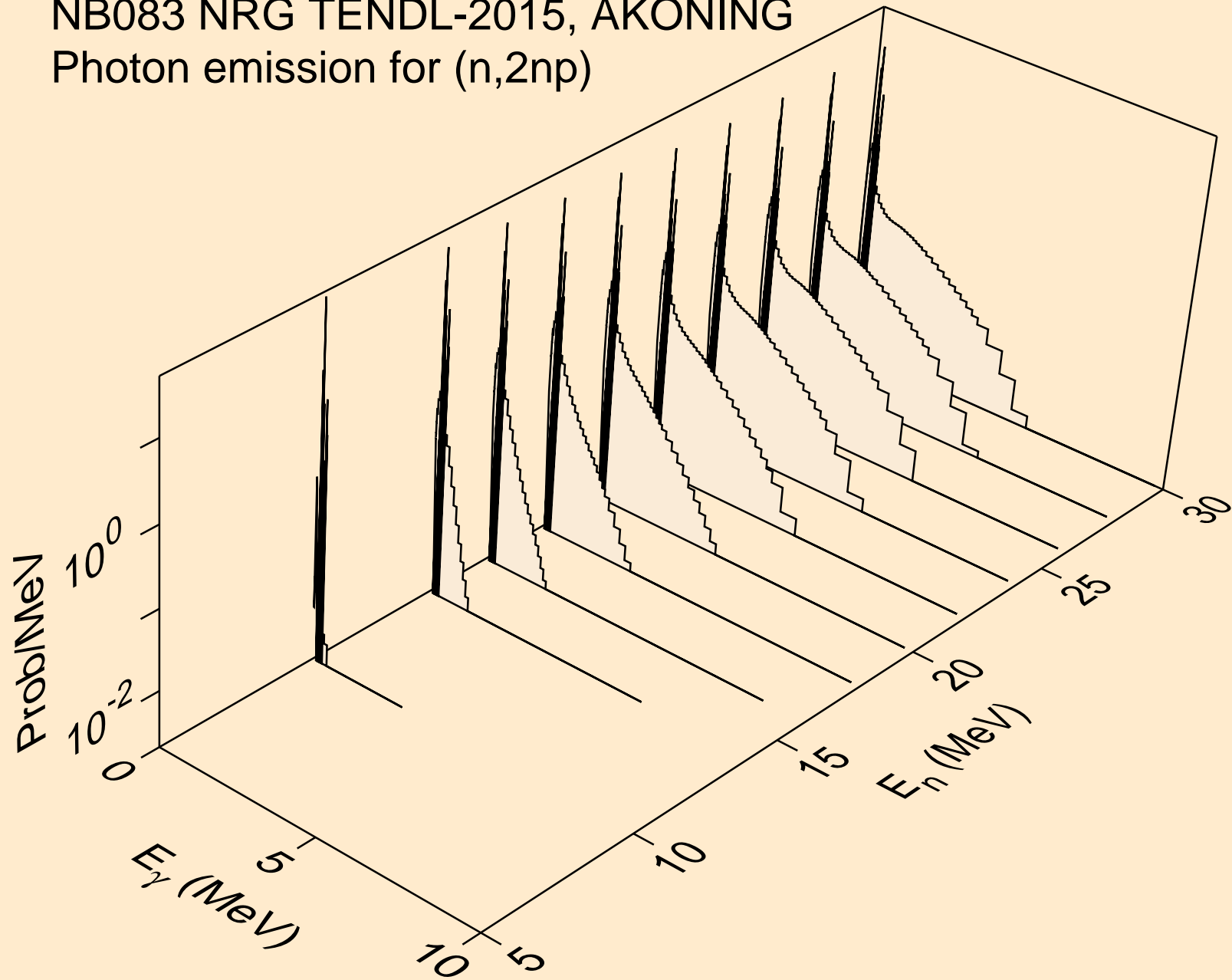
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



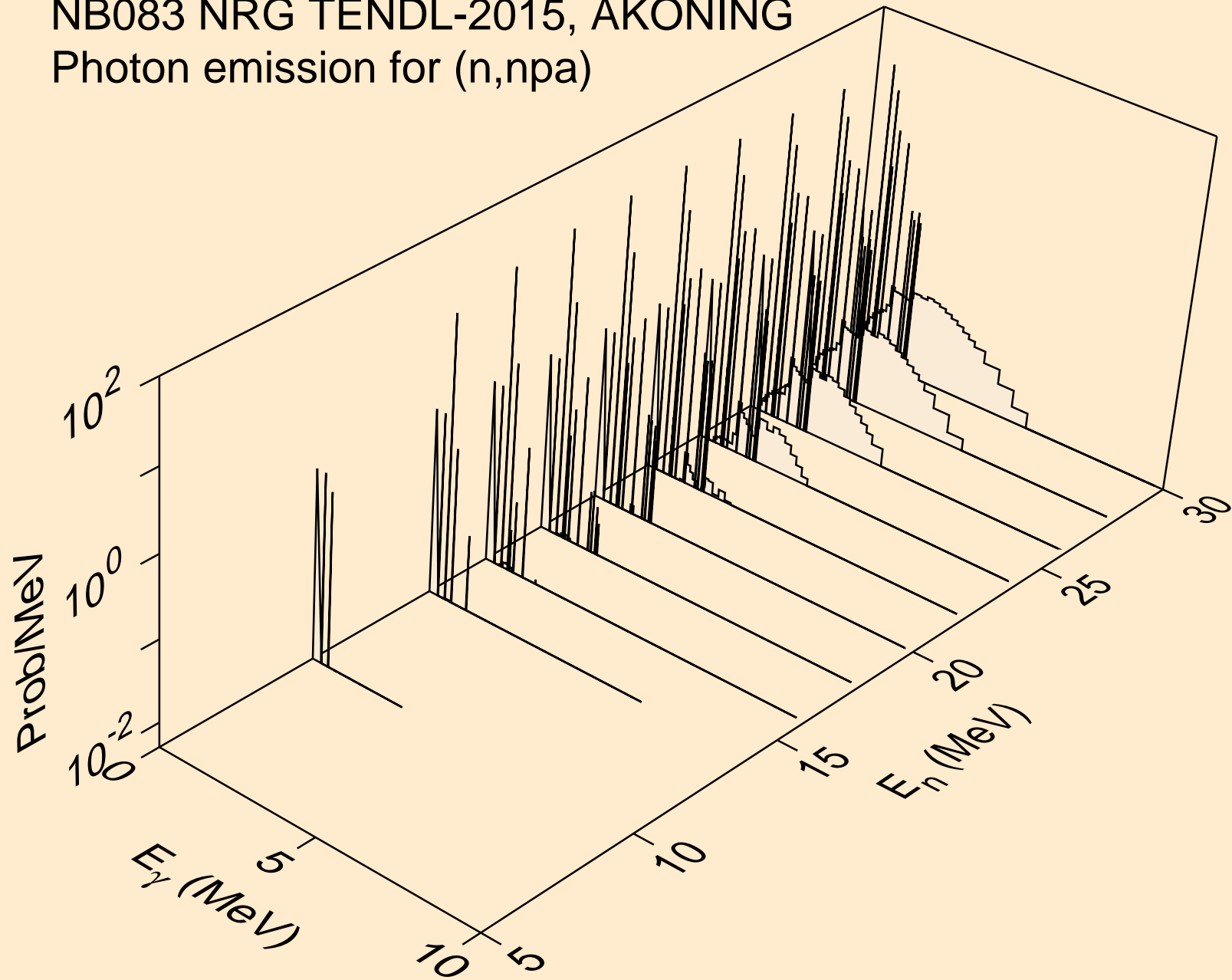
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



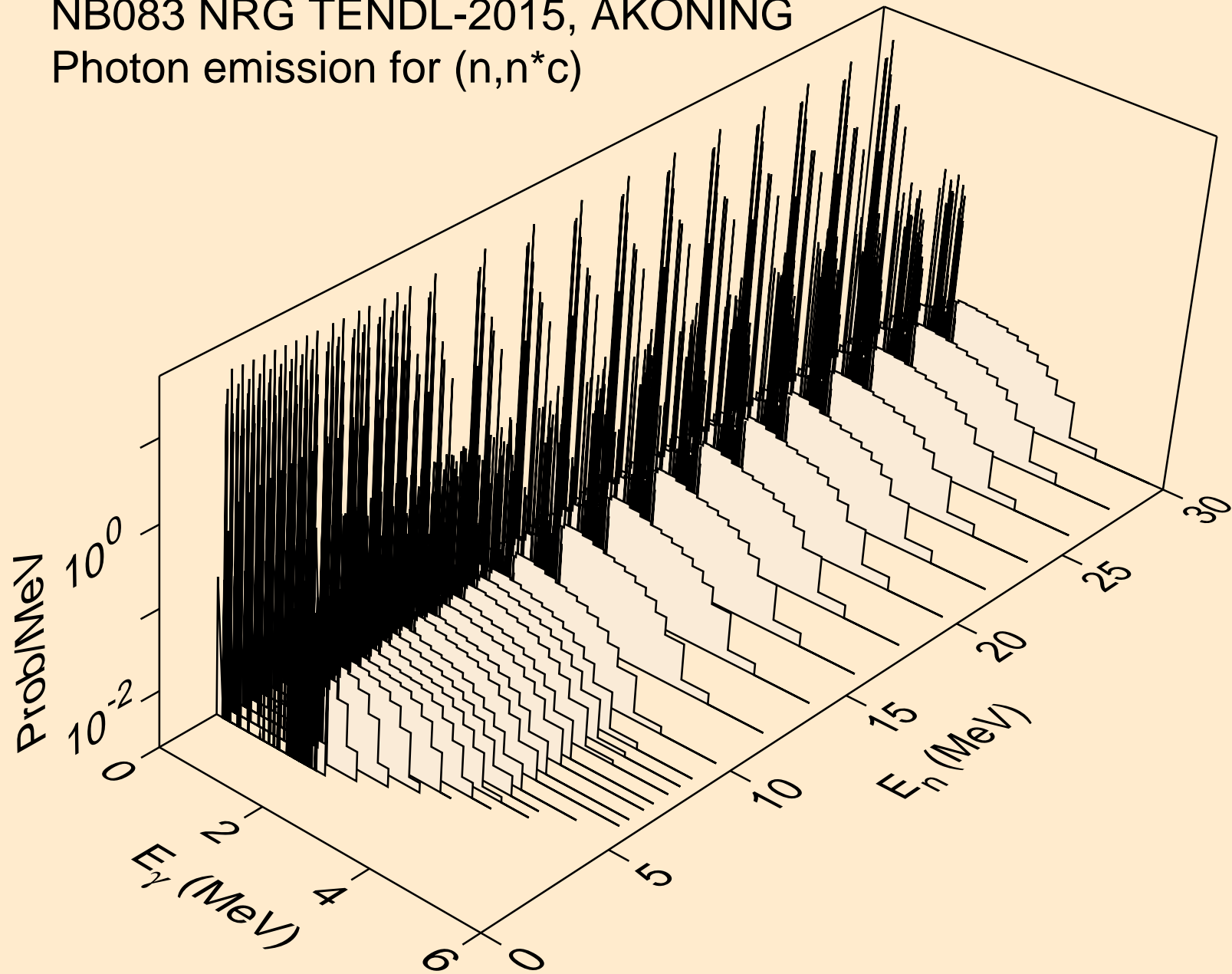
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



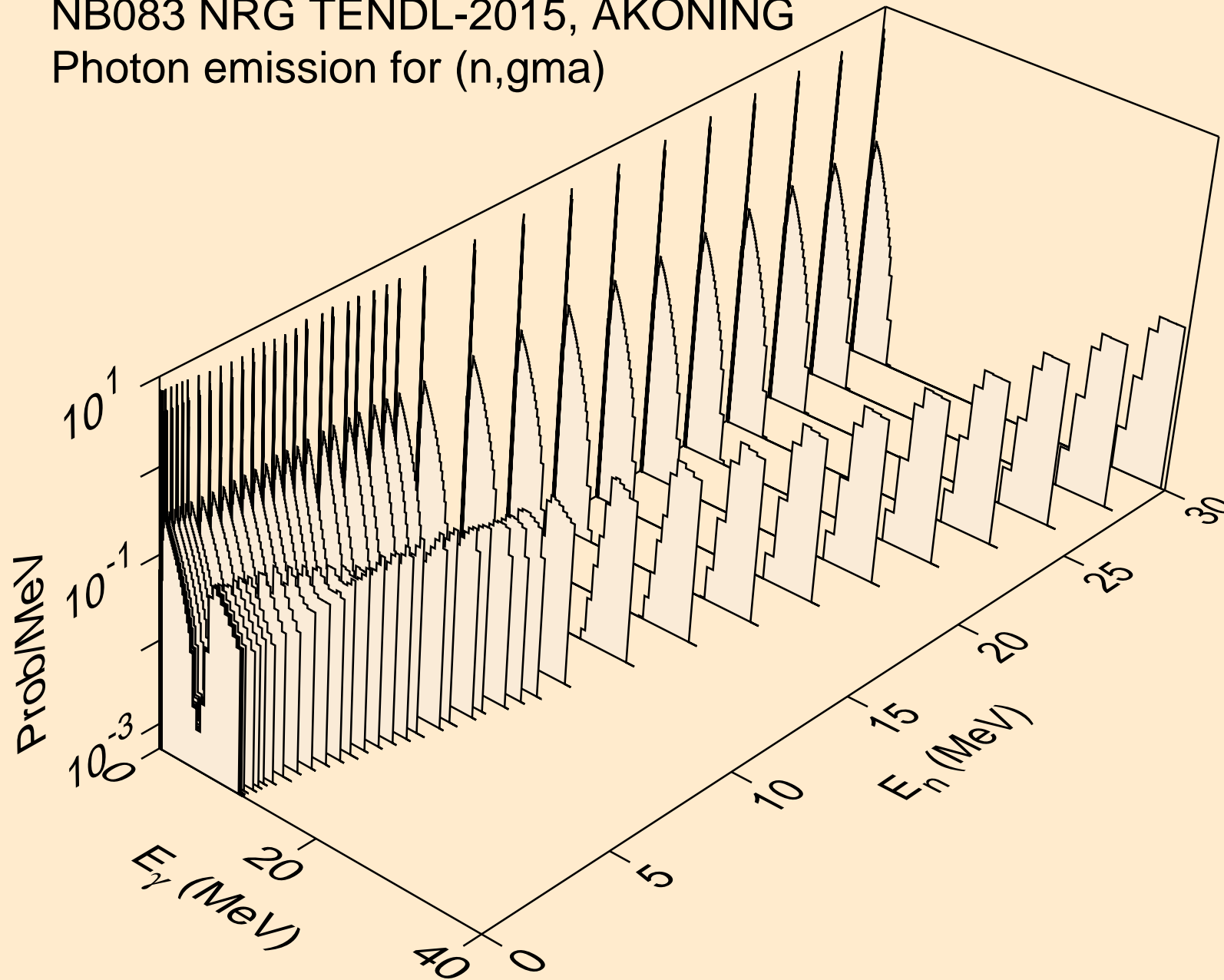
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



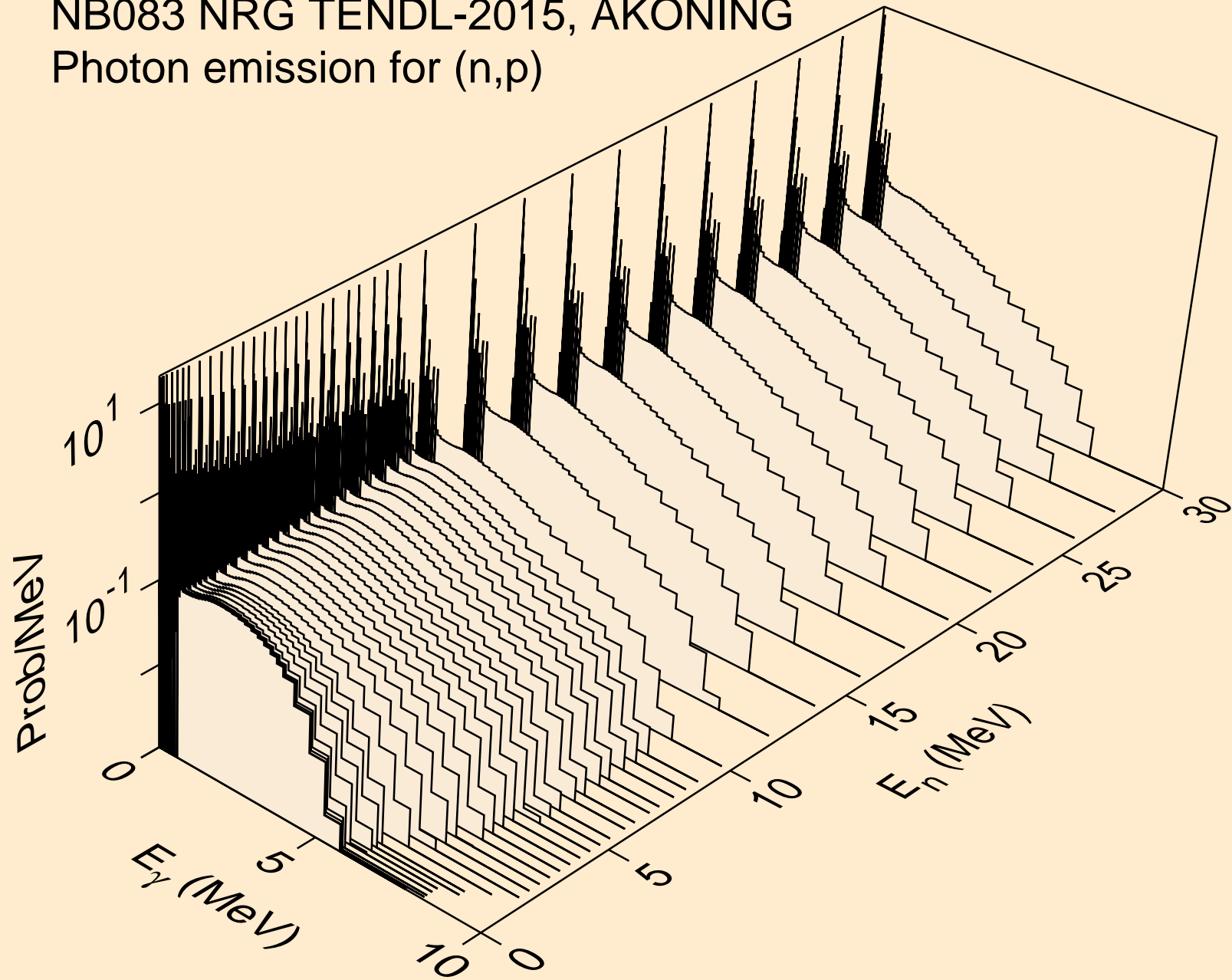
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



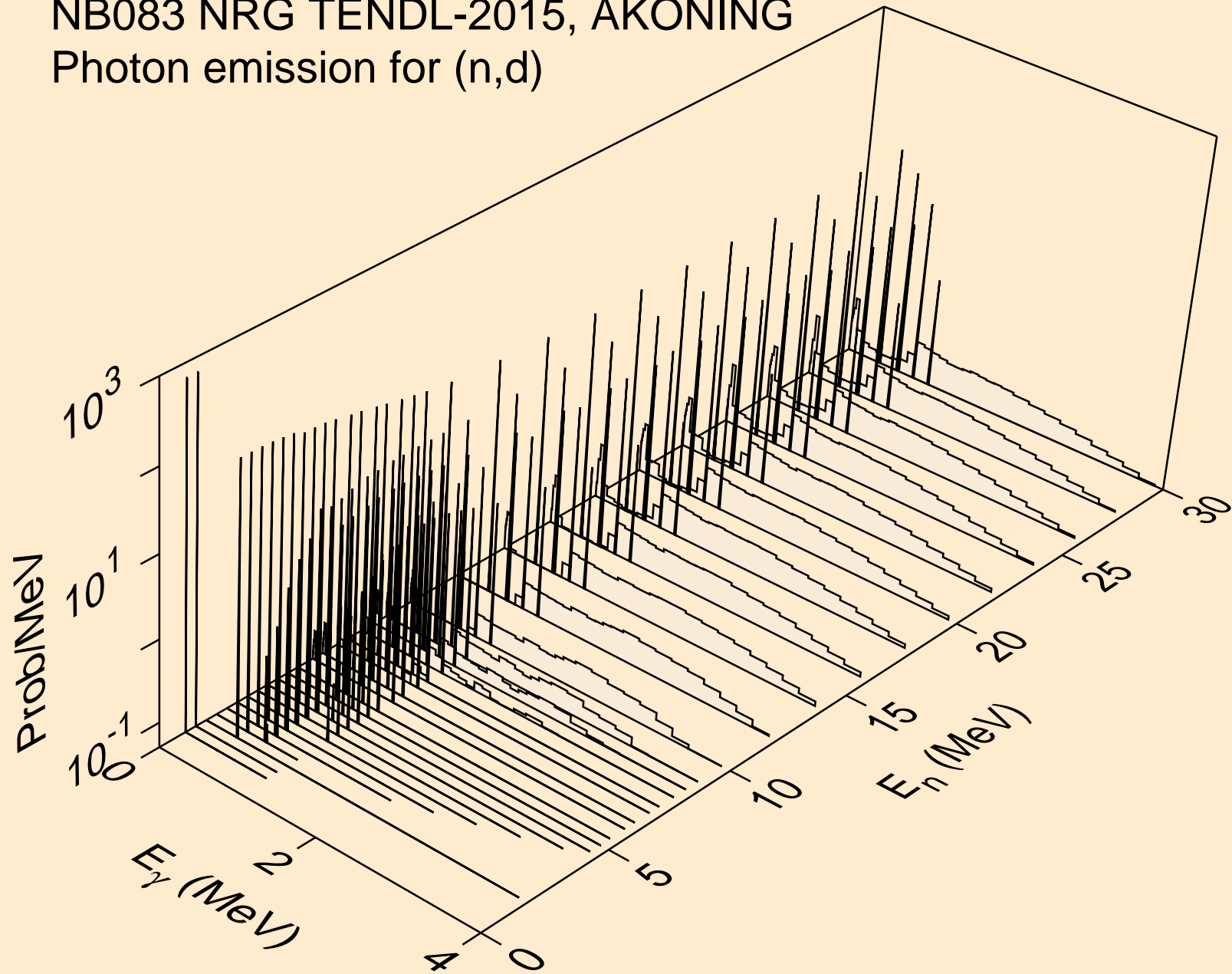
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

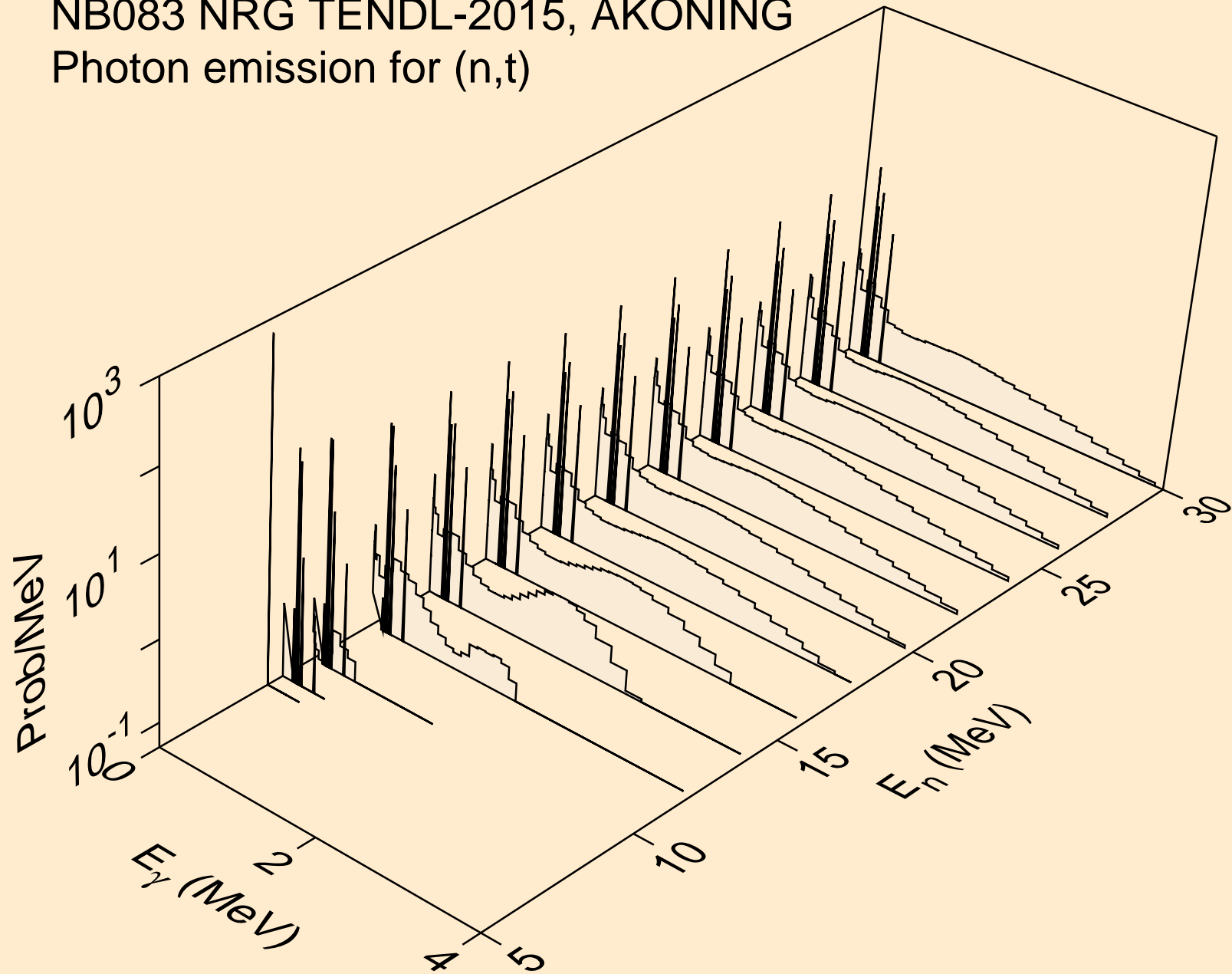


NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

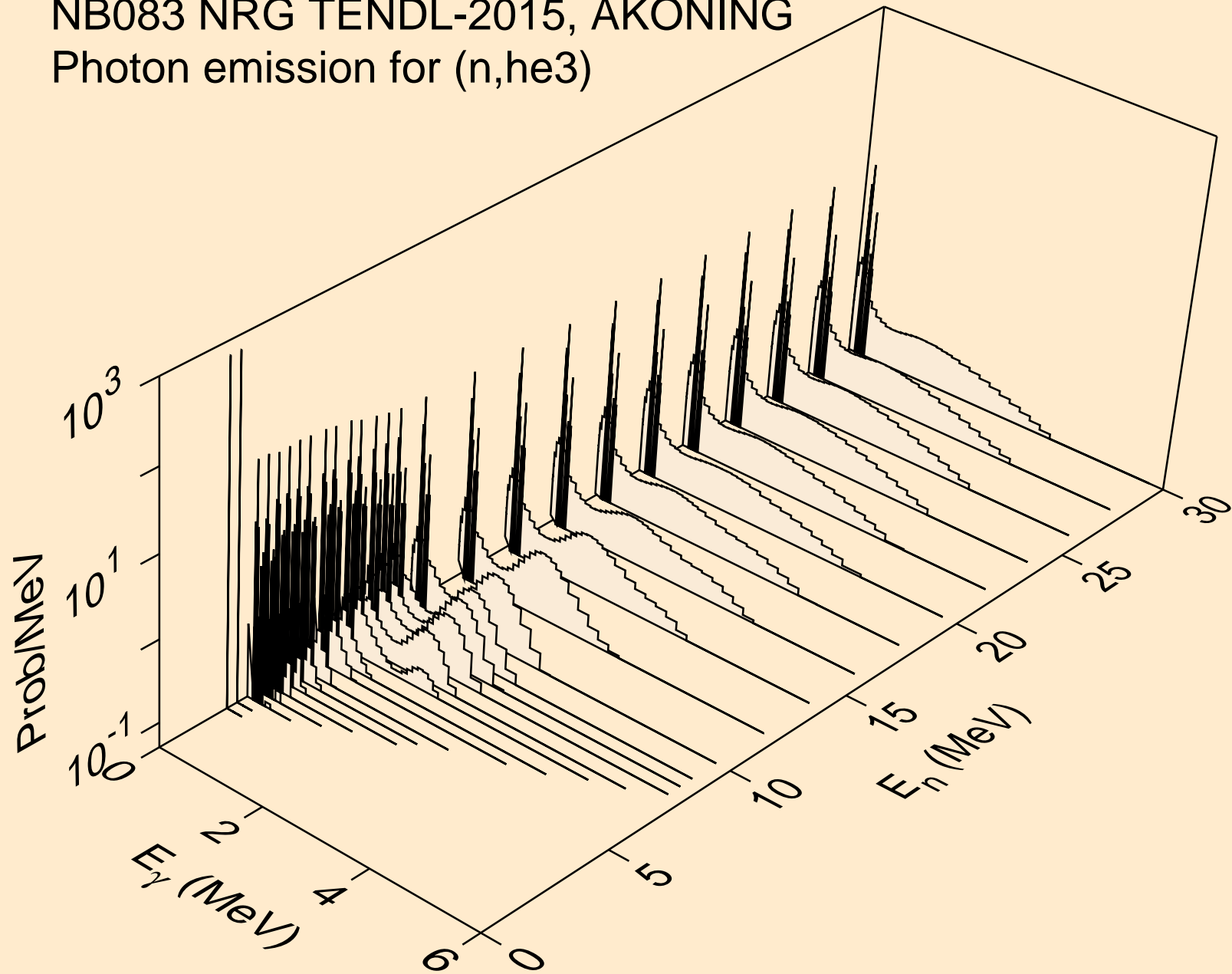




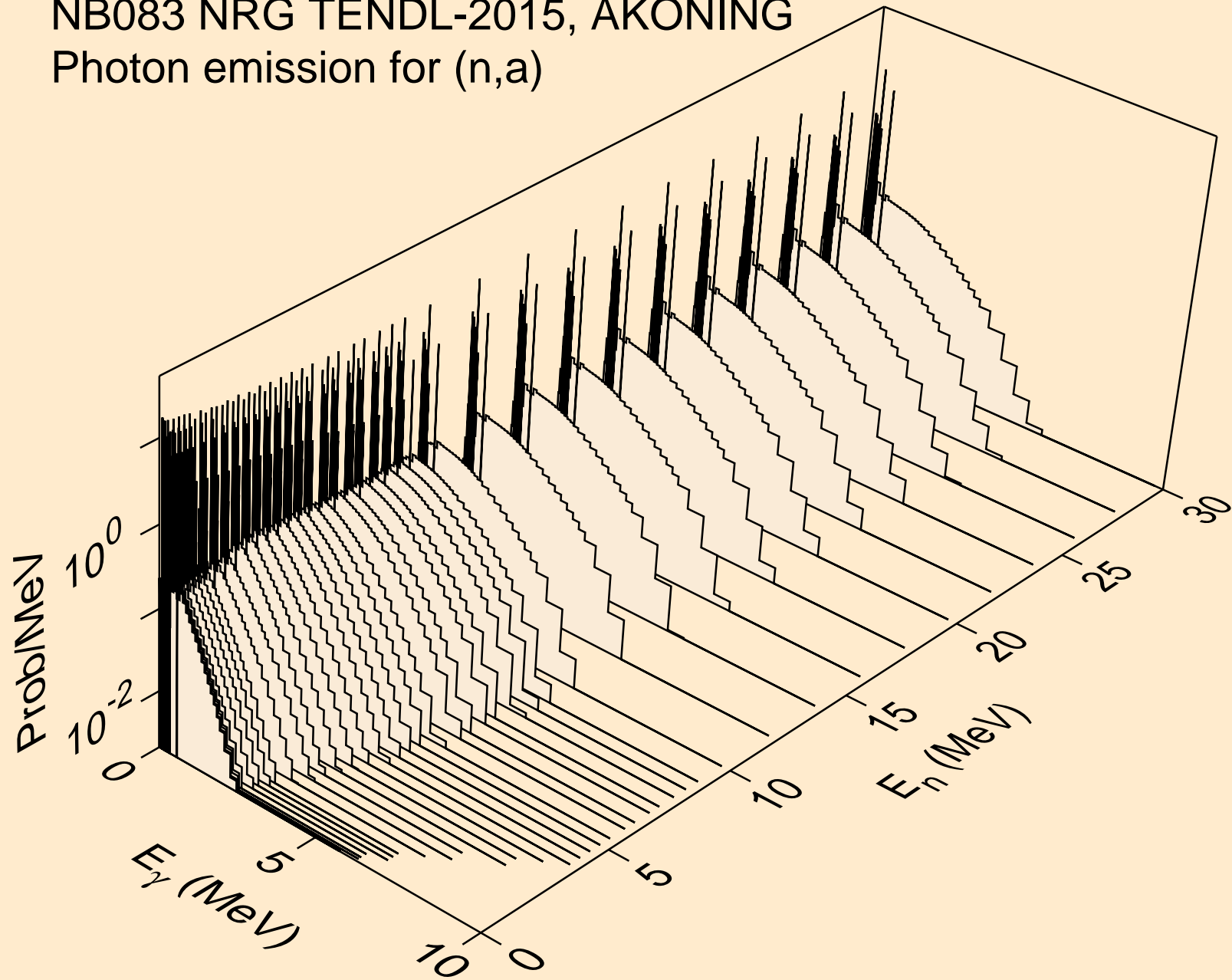
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



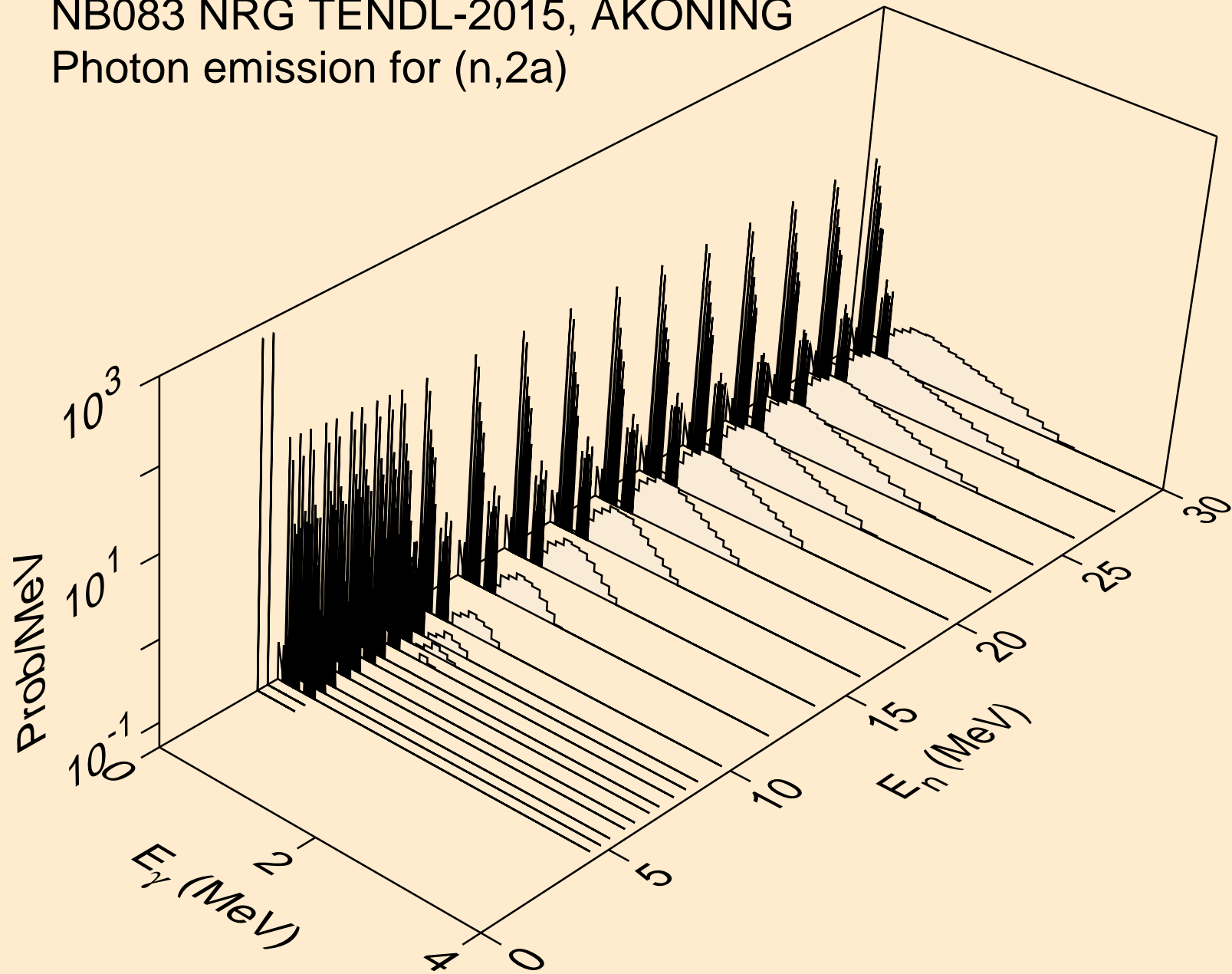
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



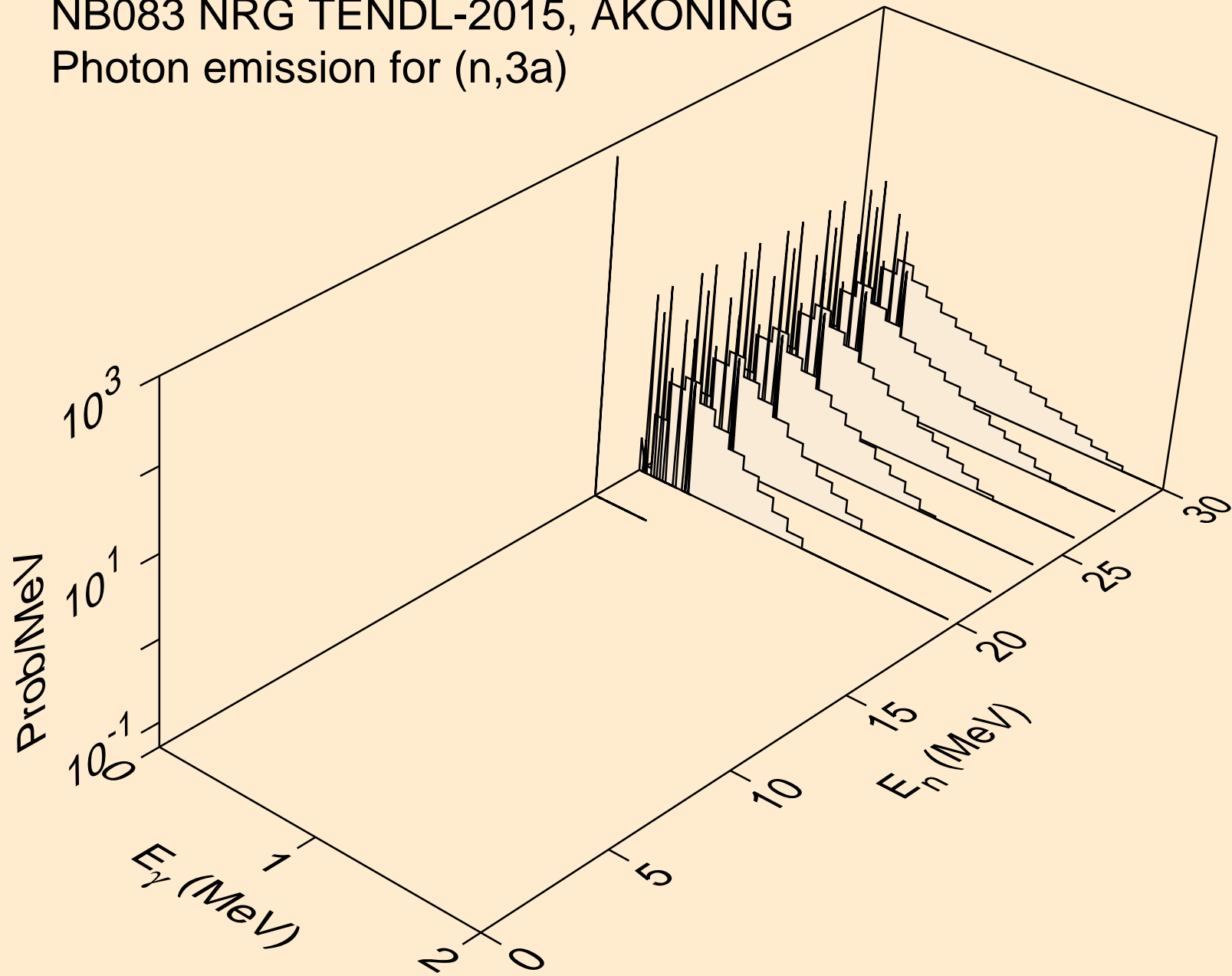
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



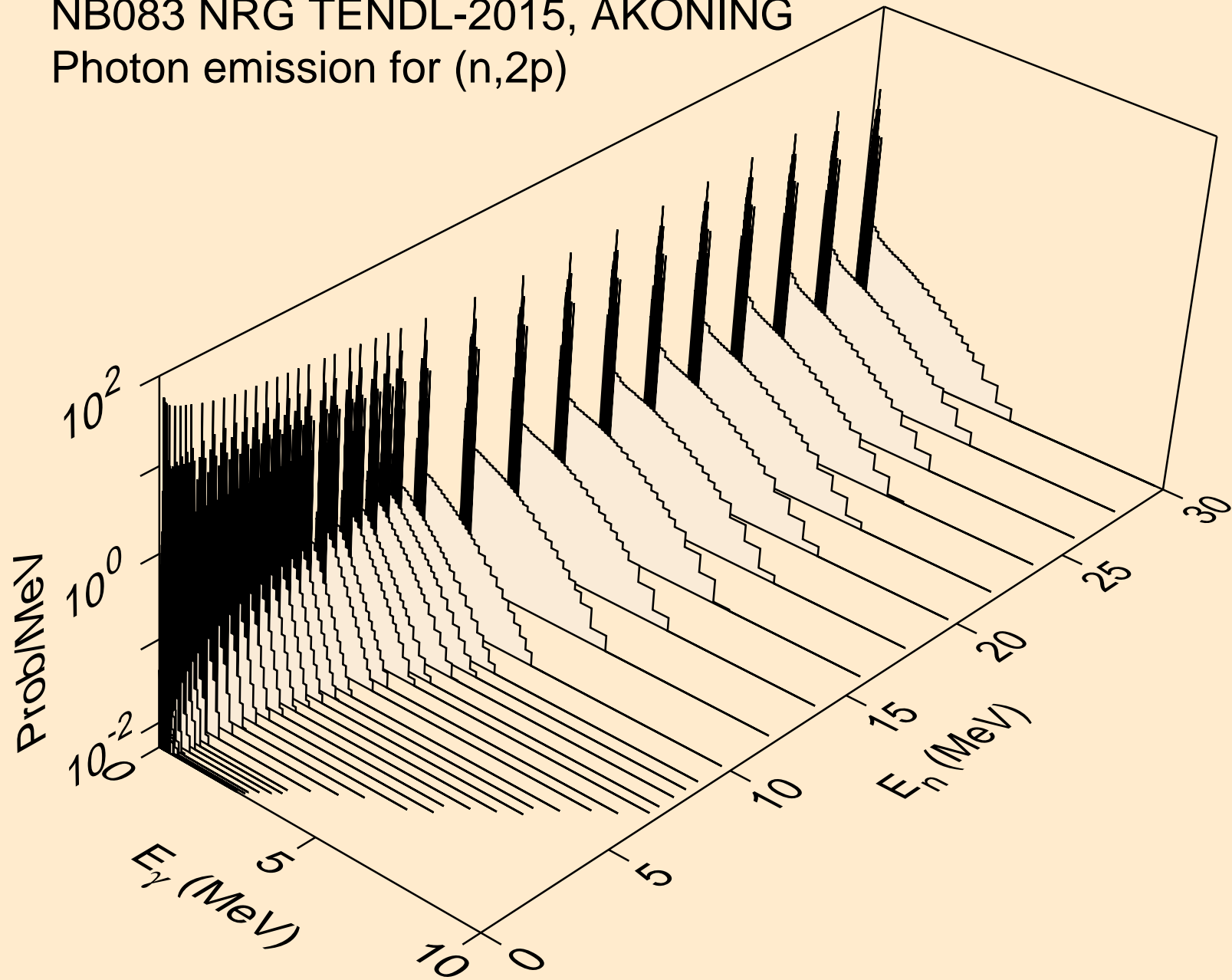
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



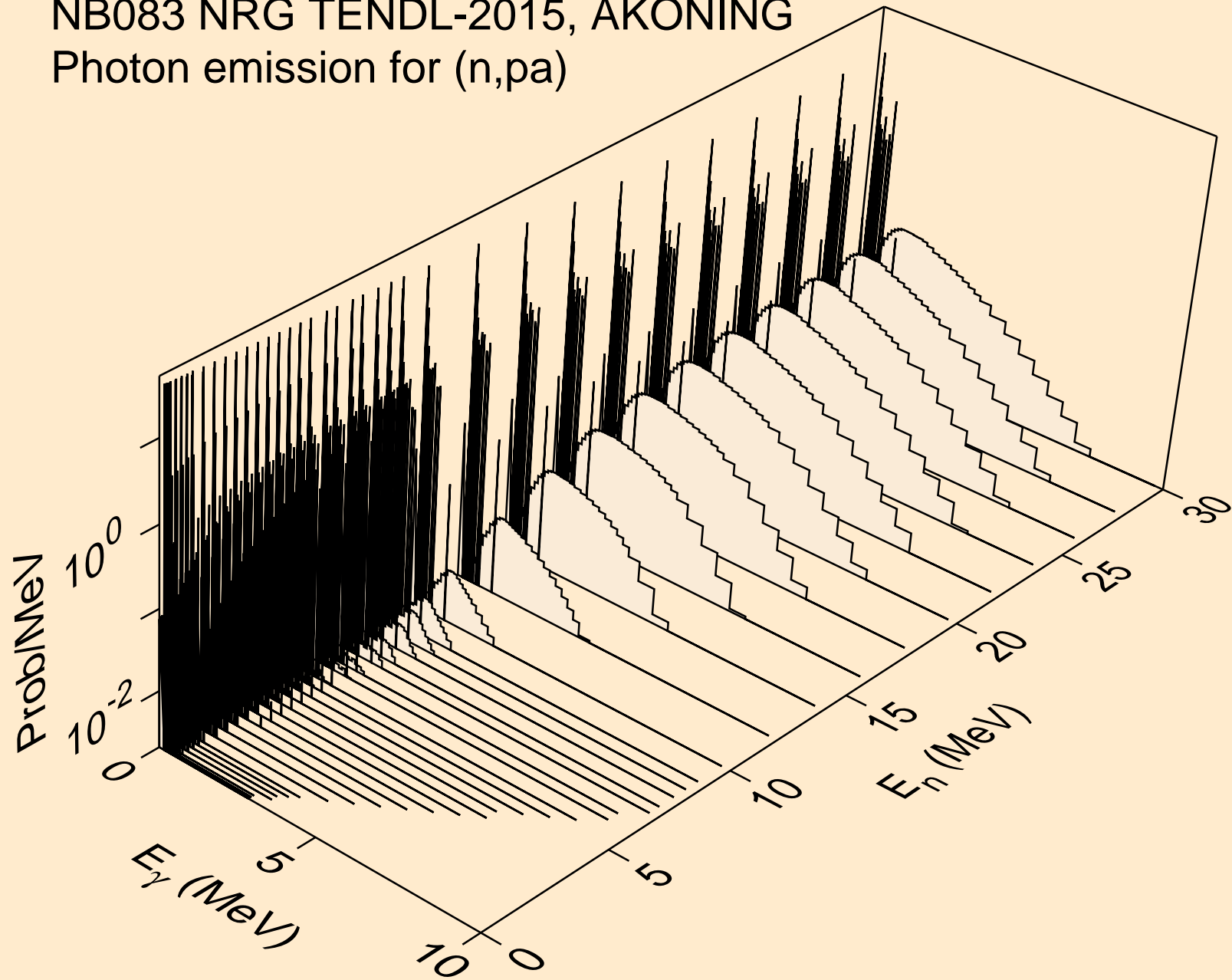
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Photon emission for (n,3a)



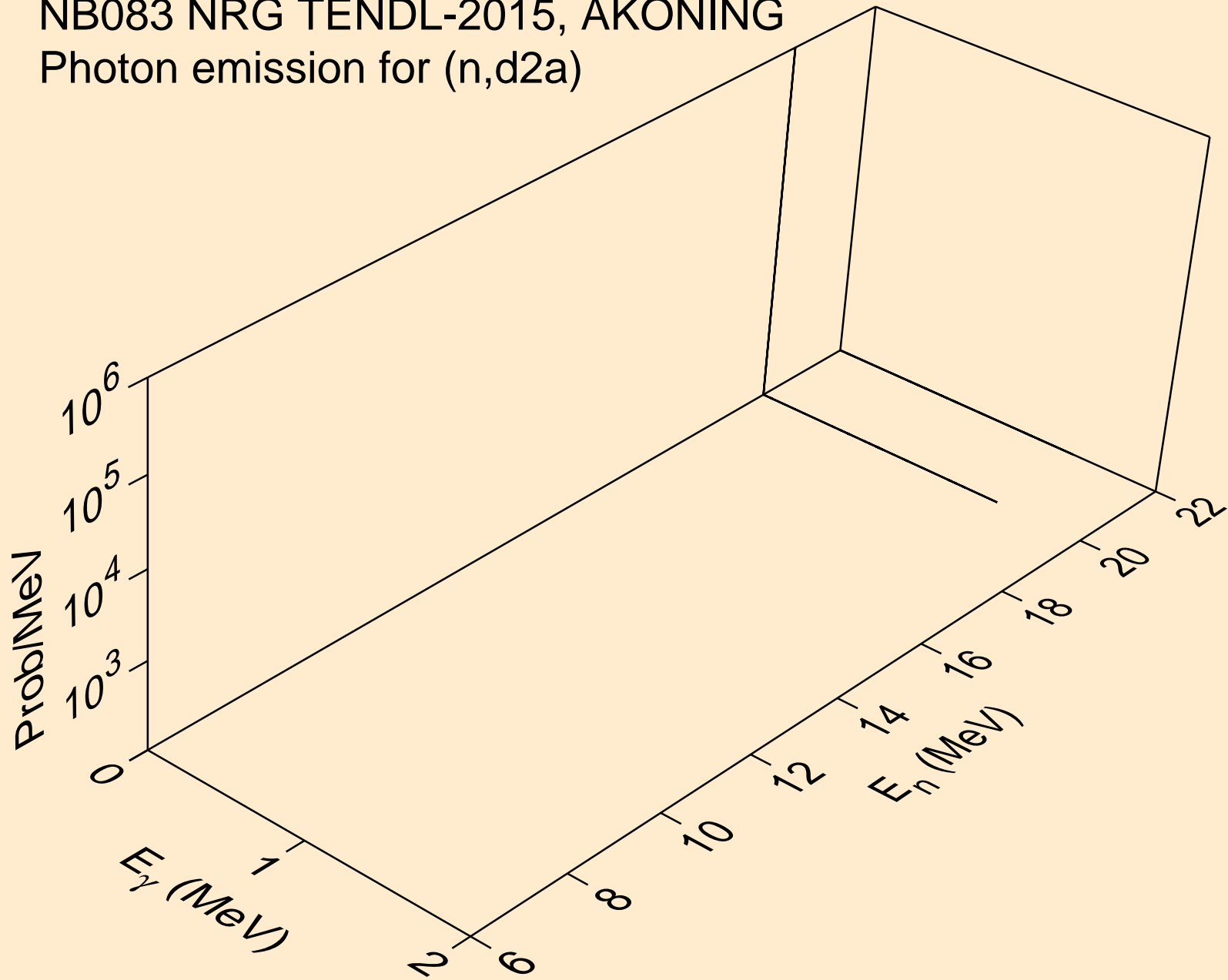
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

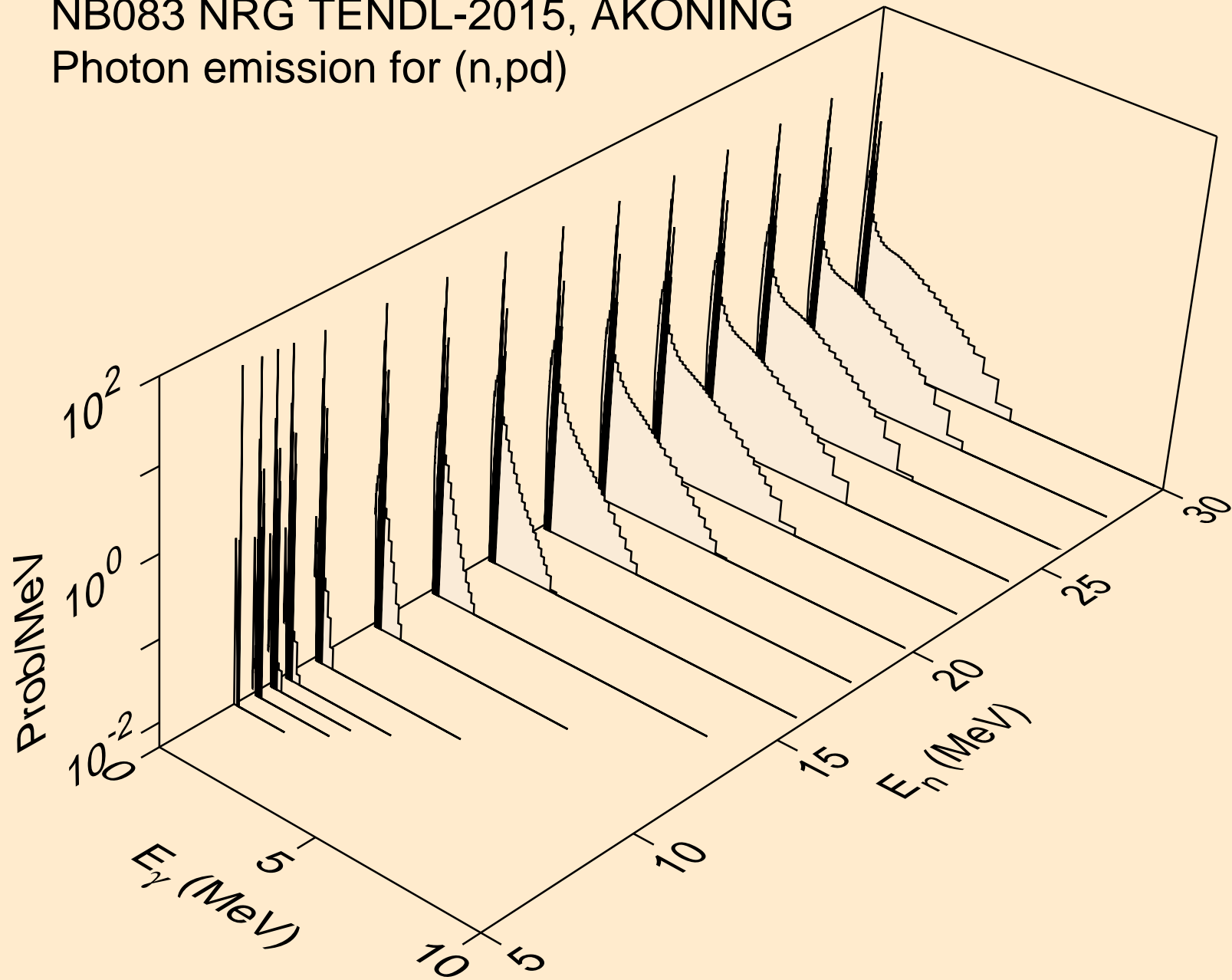


NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

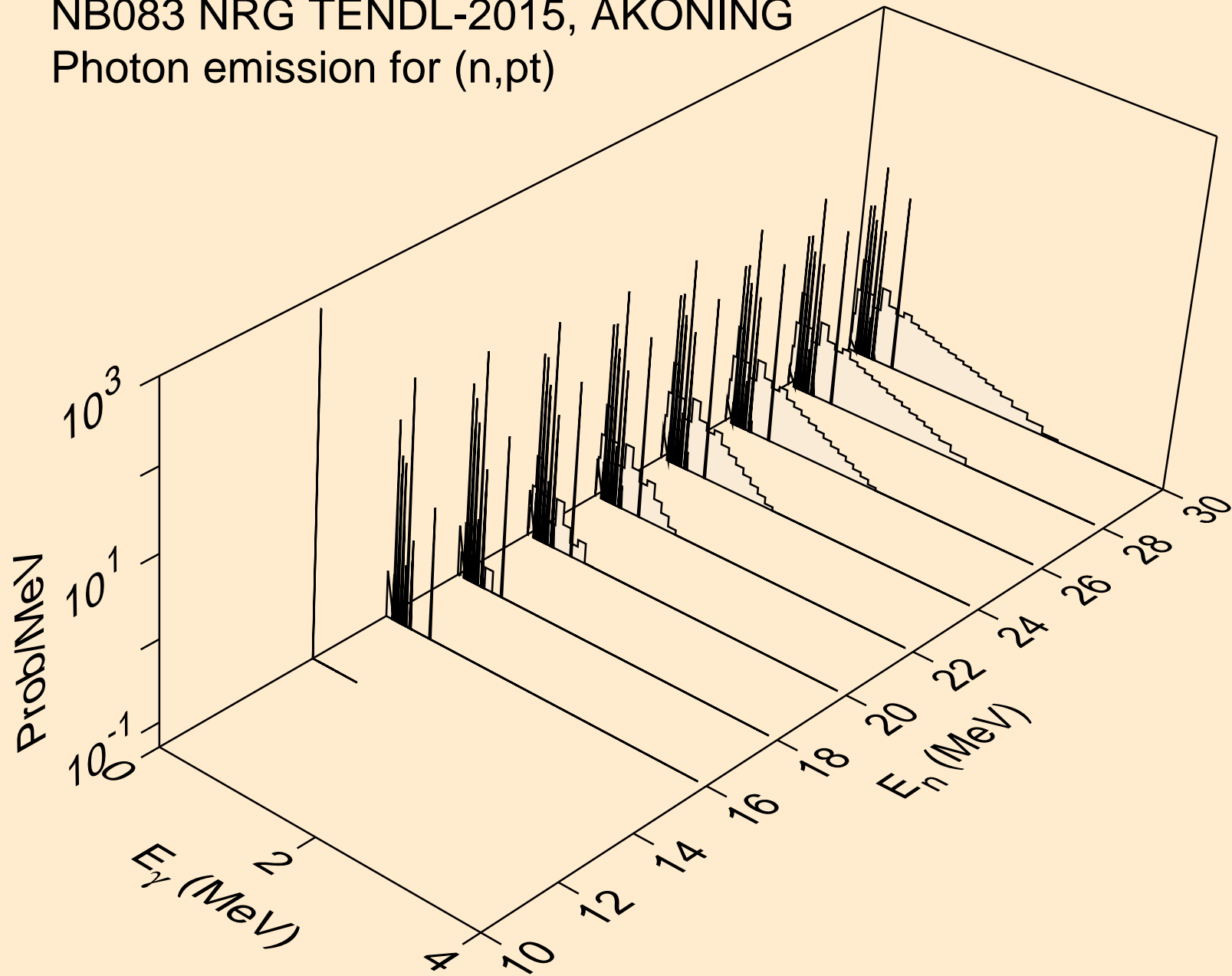




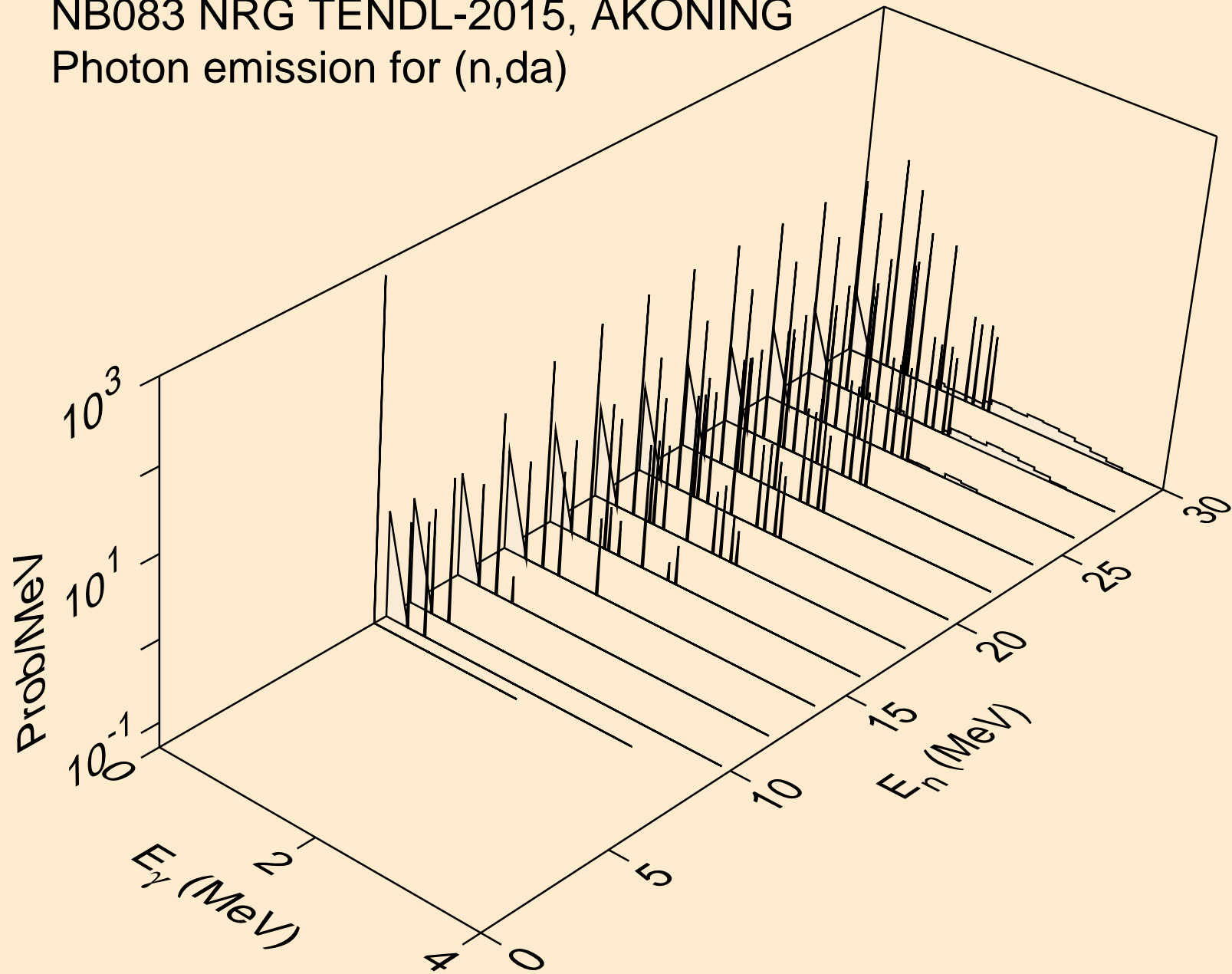
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



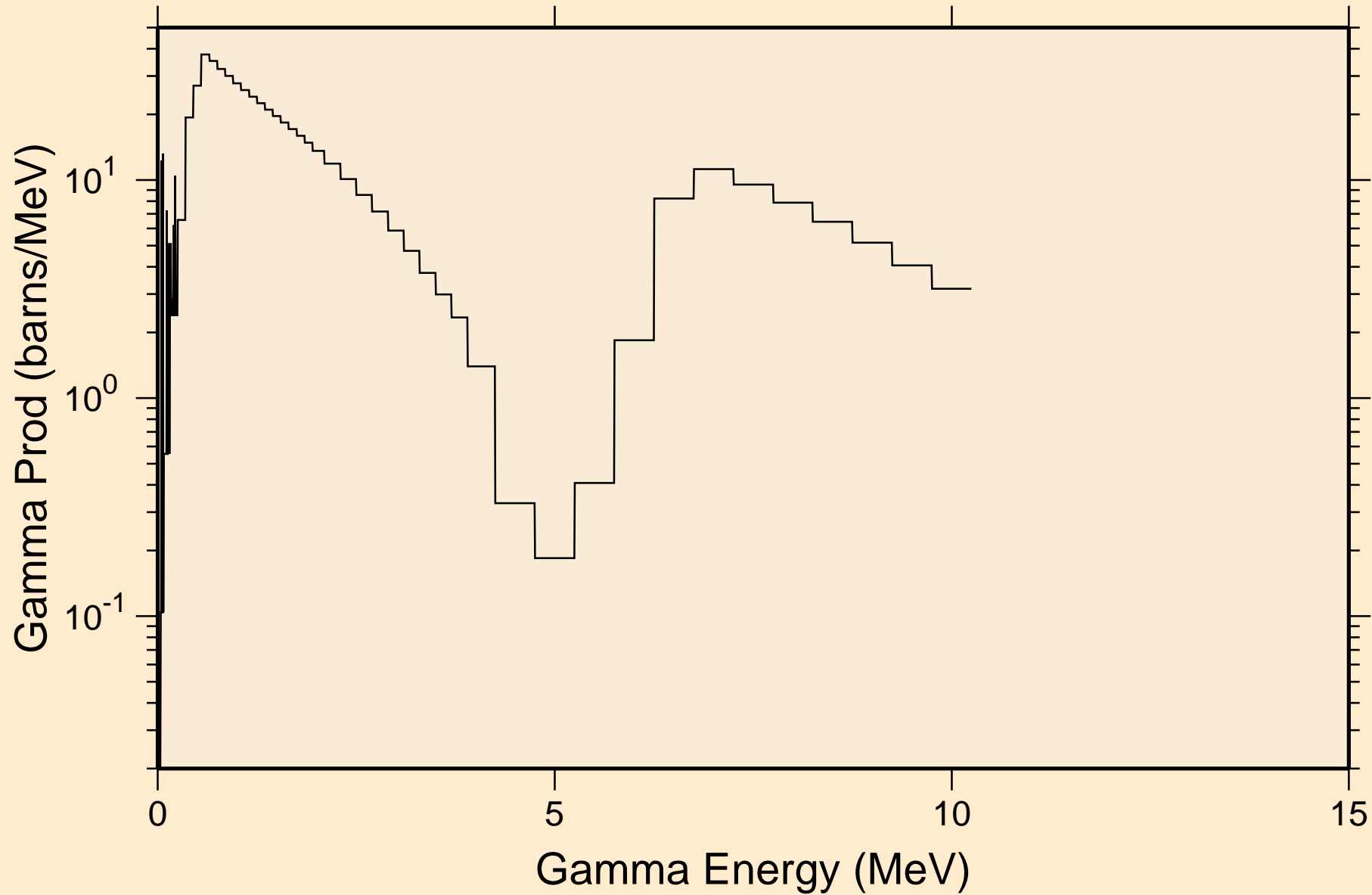
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



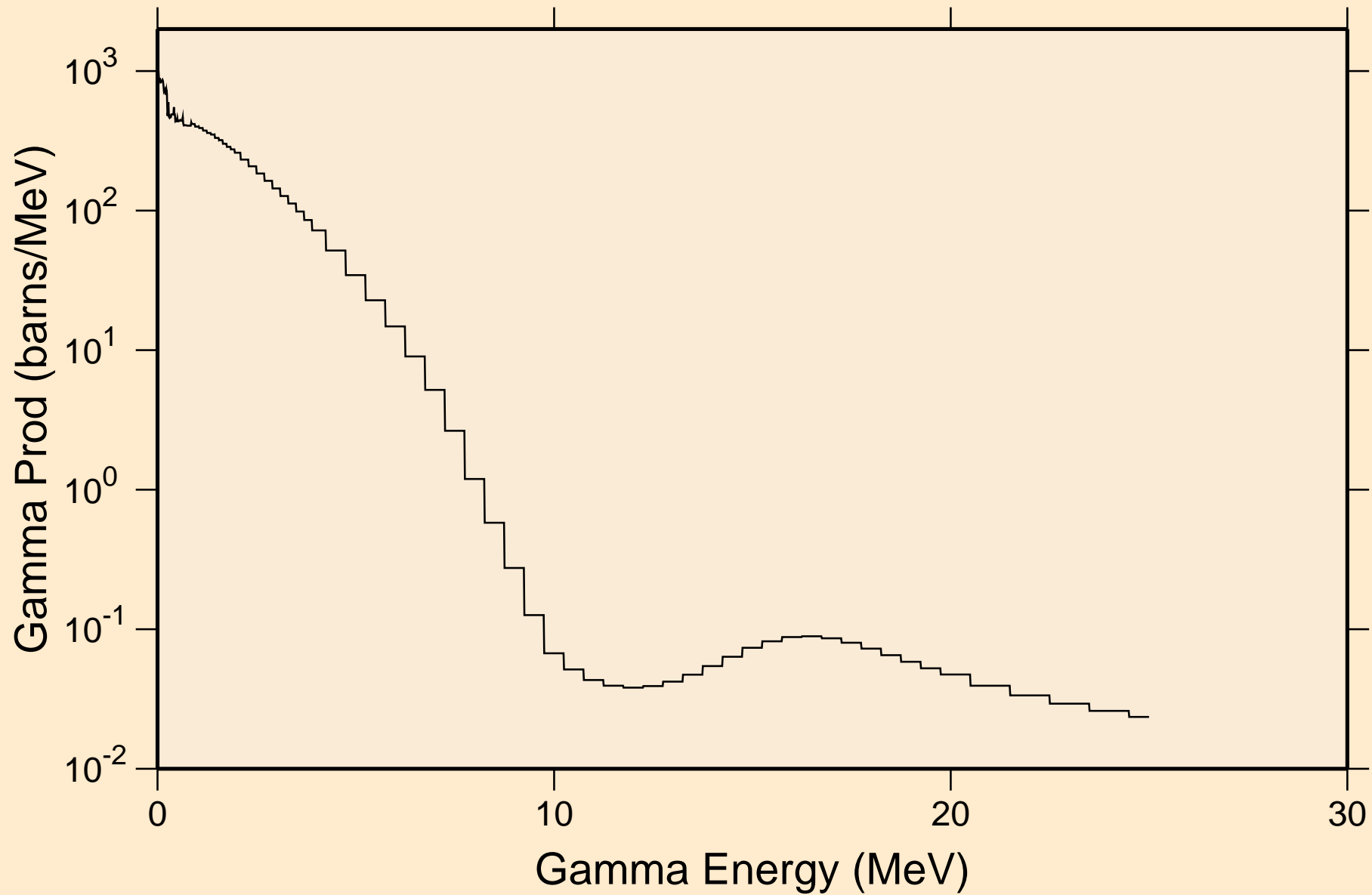
NB083 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



NB083 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

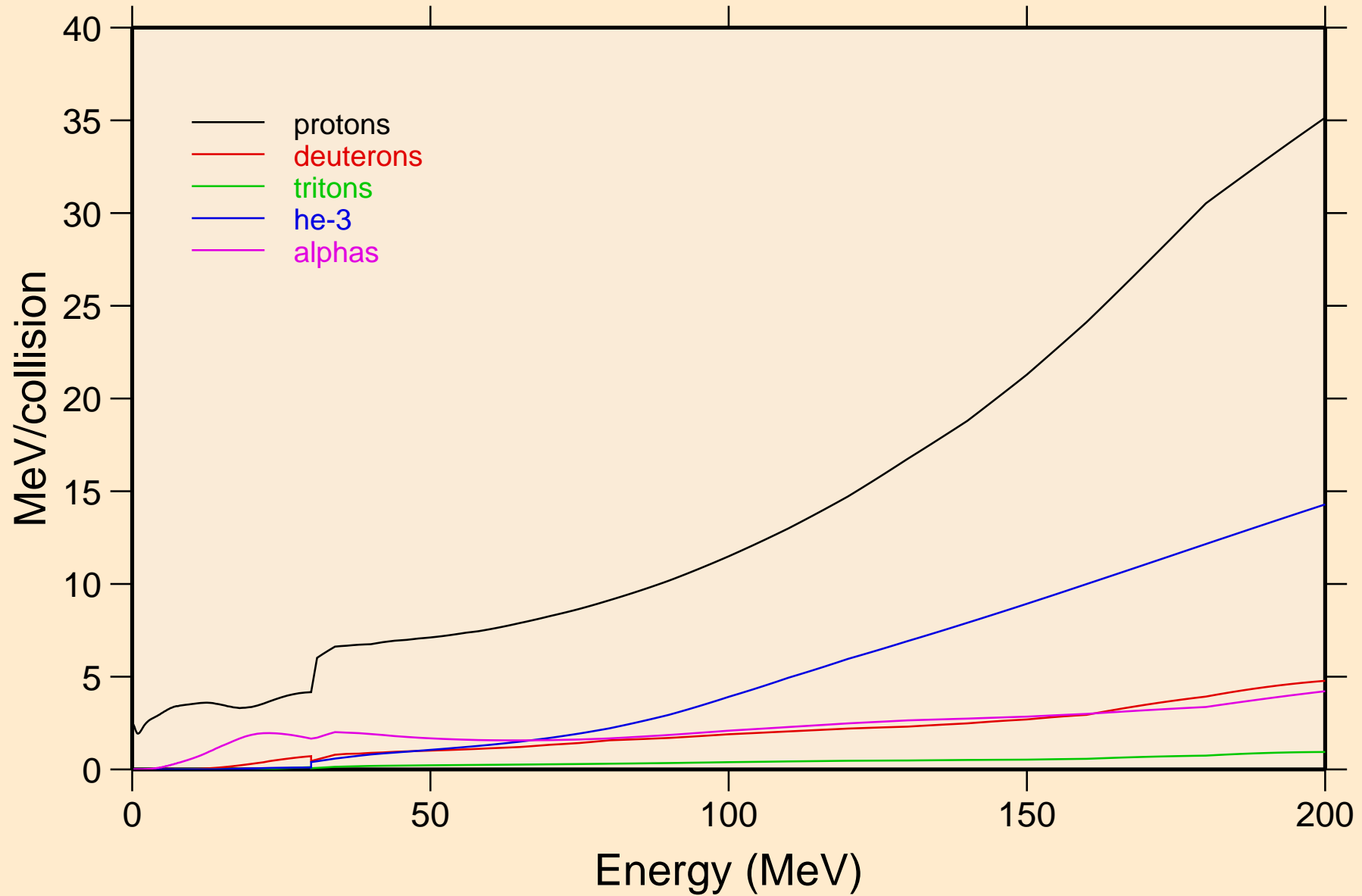


NB083 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



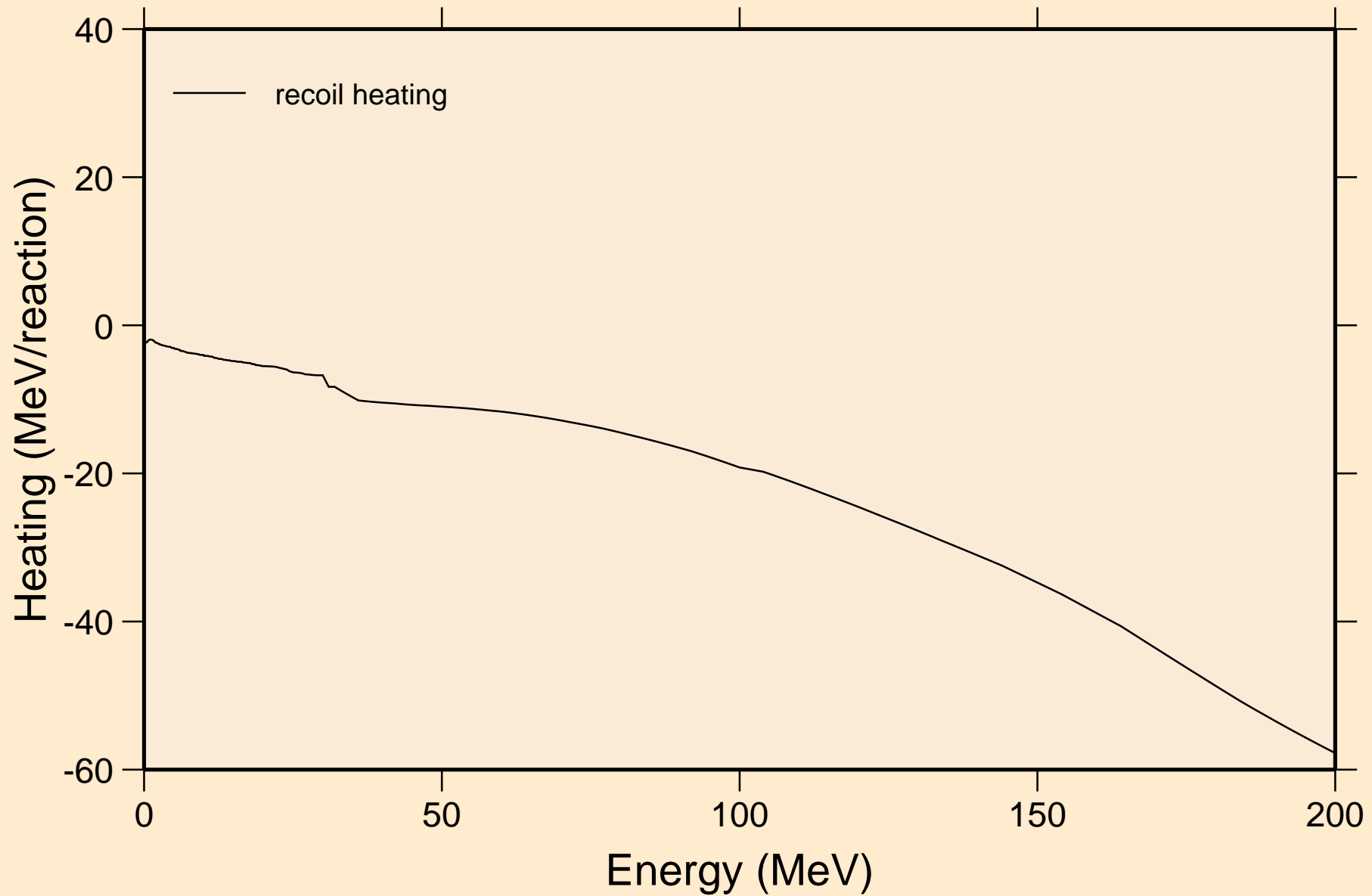
# NB083 NRG TENDL-2015, AKONING

## Particle heating contributions



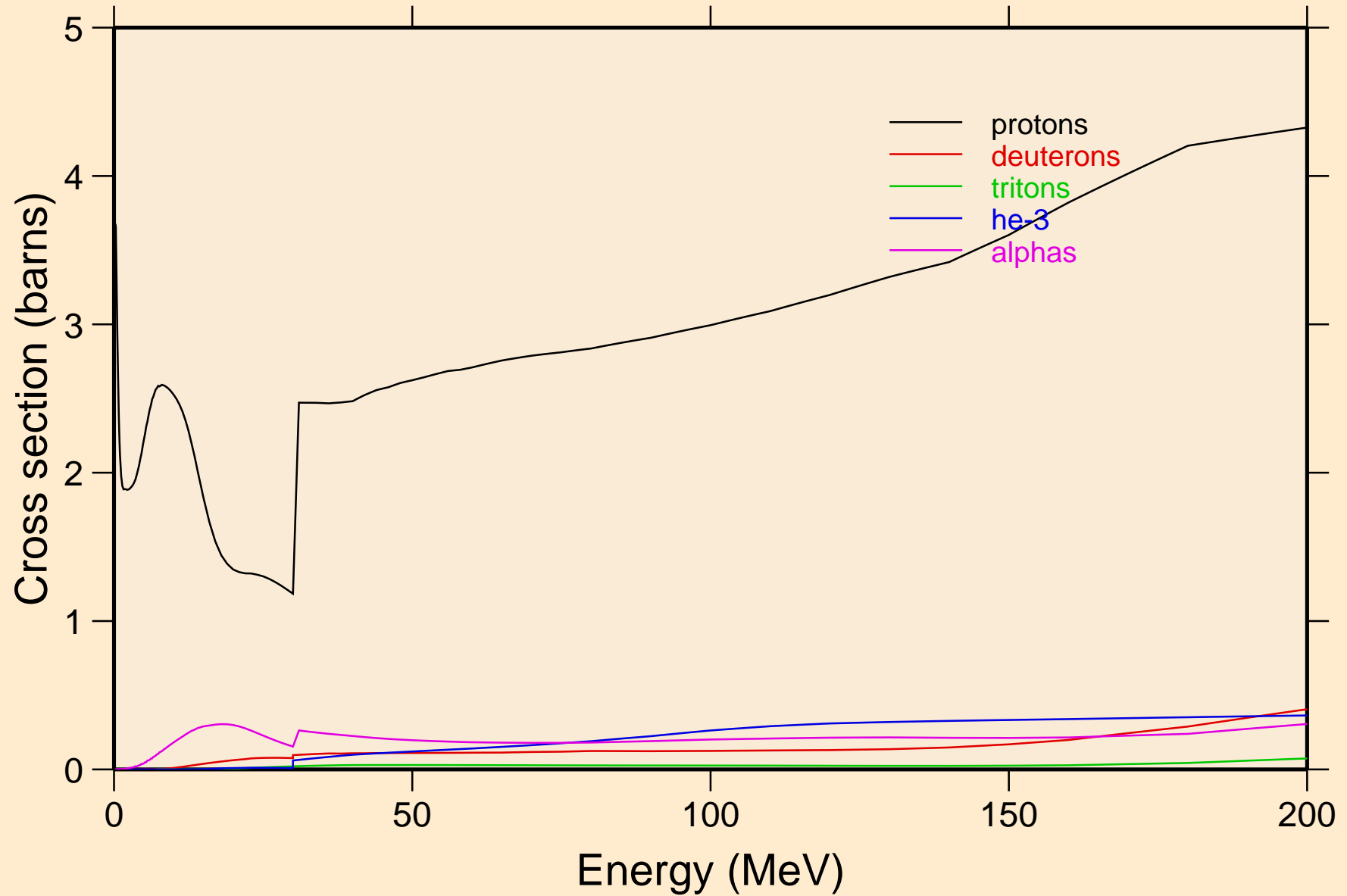
# NB083 NRG TENDL-2015, AKONING

## Recoil Heating



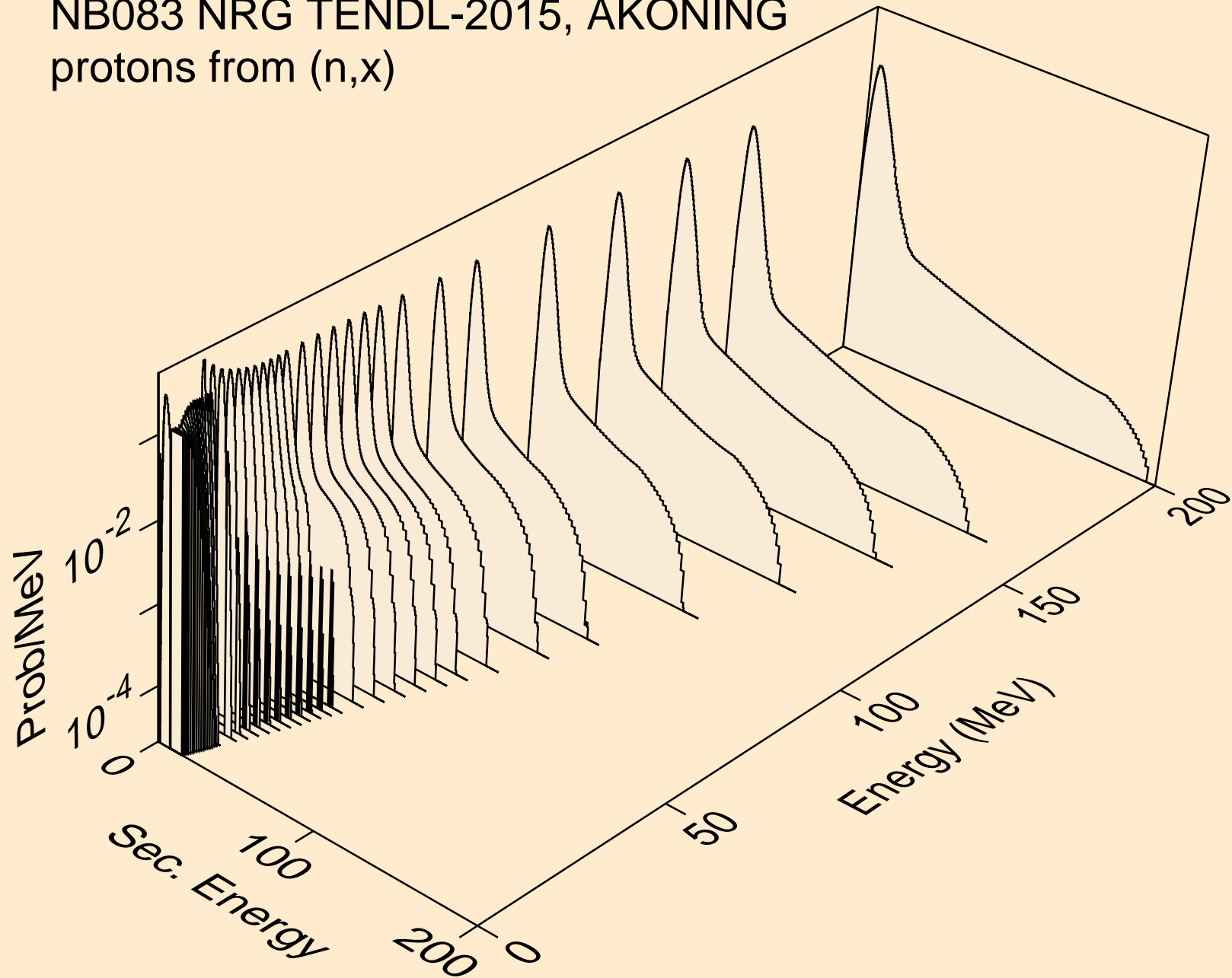
# NB083 NRG TENDL-2015, AKONING

## Particle production cross sections

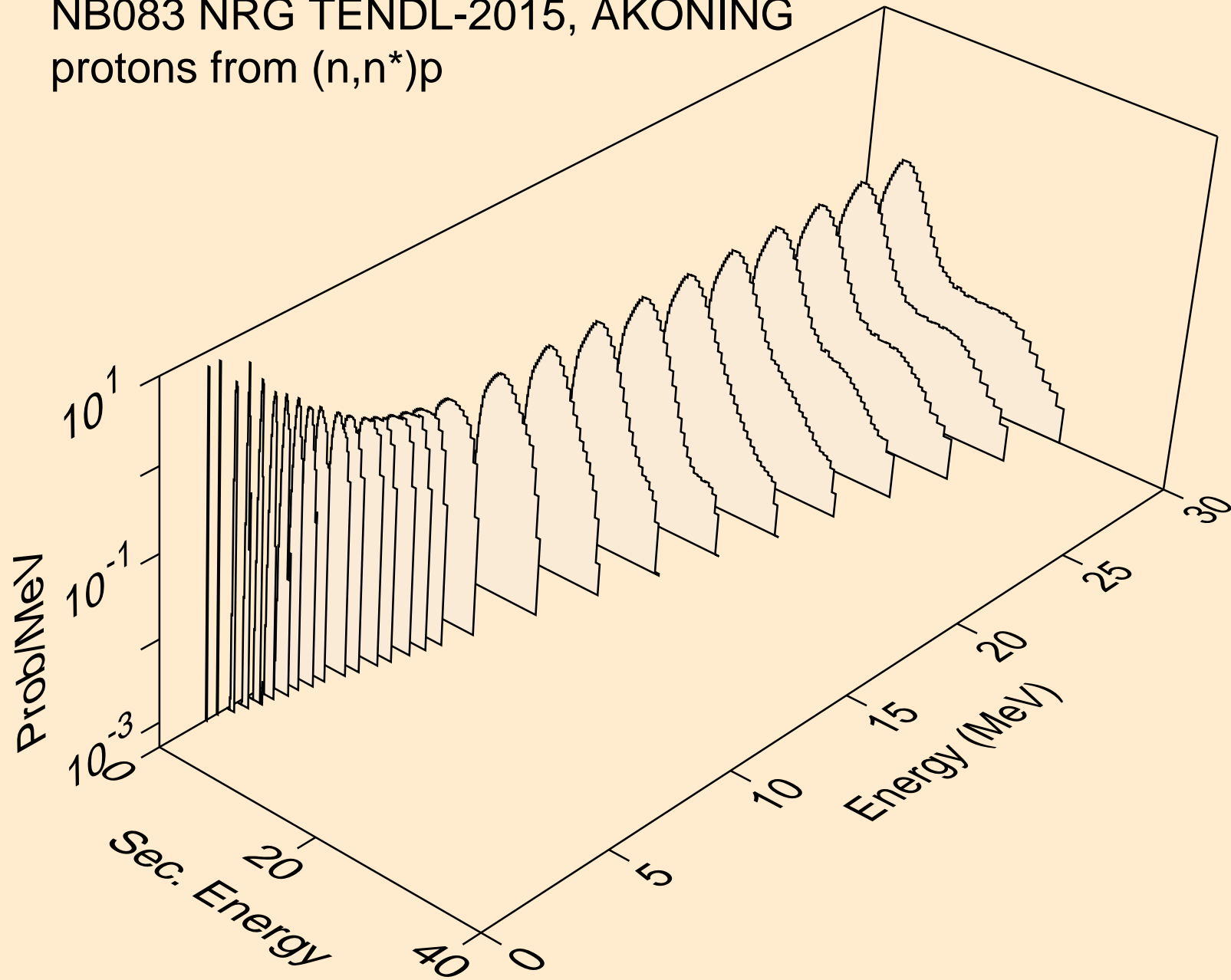




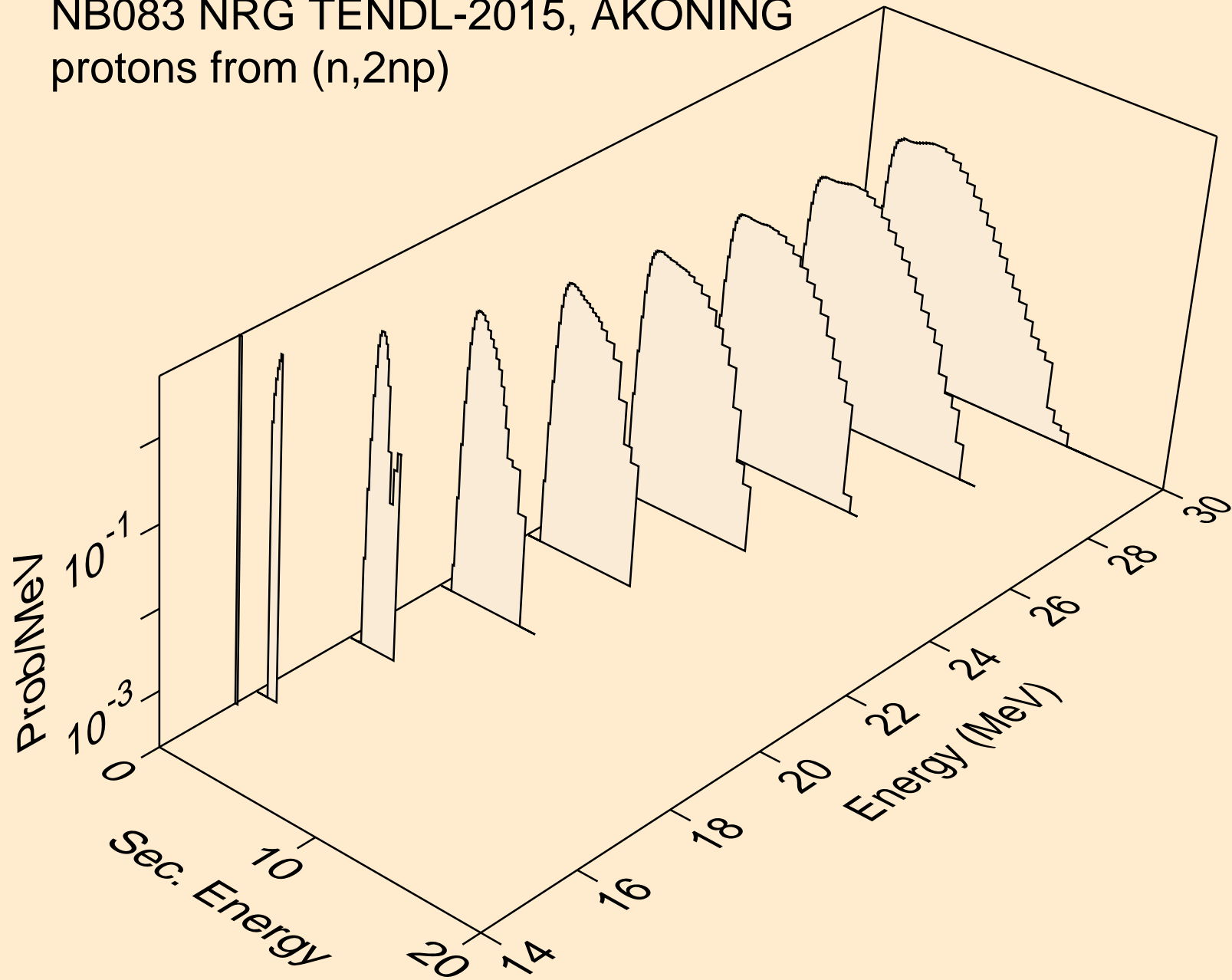
NB083 NRG TENDL-2015, AKONING  
protons from (n,x)



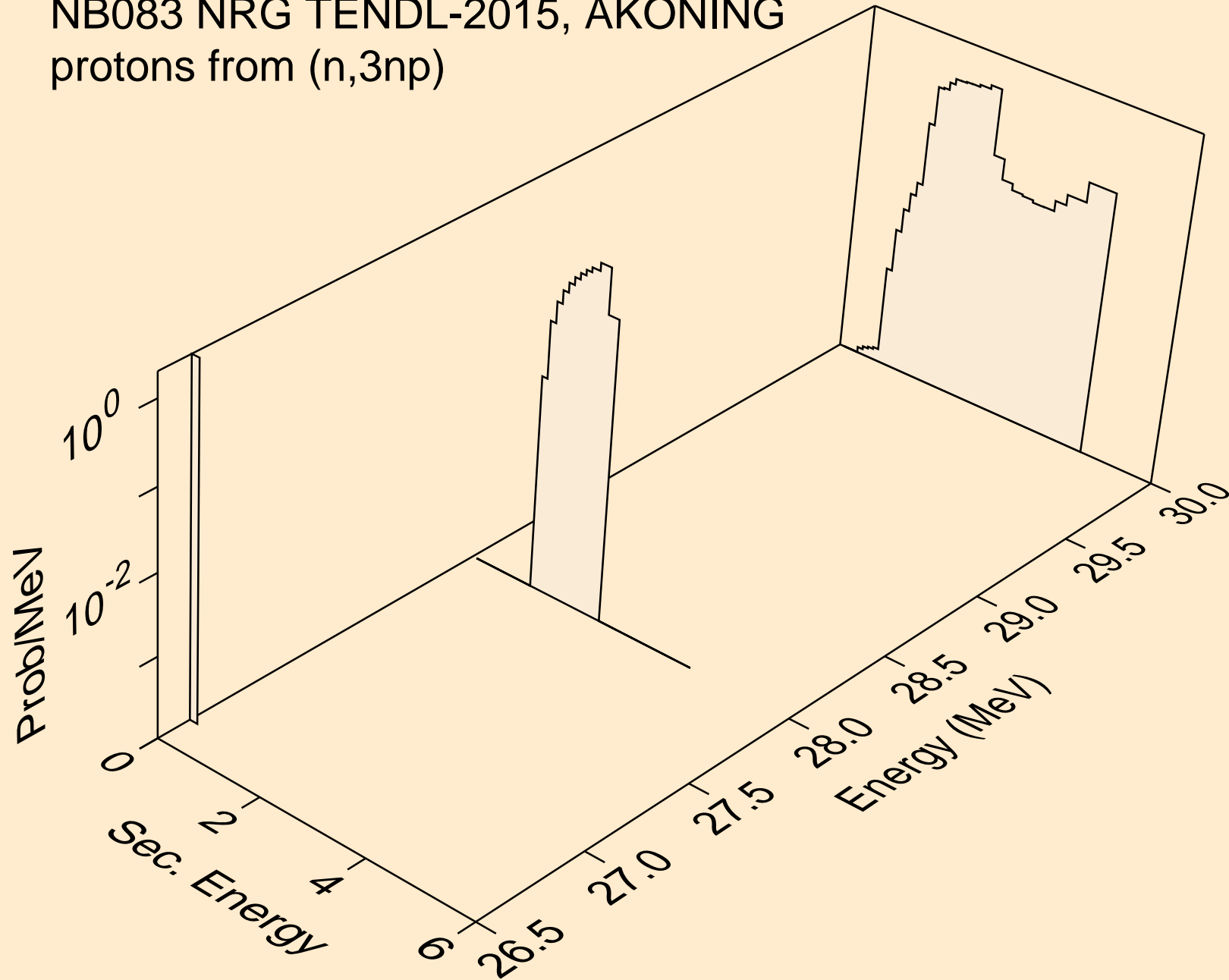
NB083 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



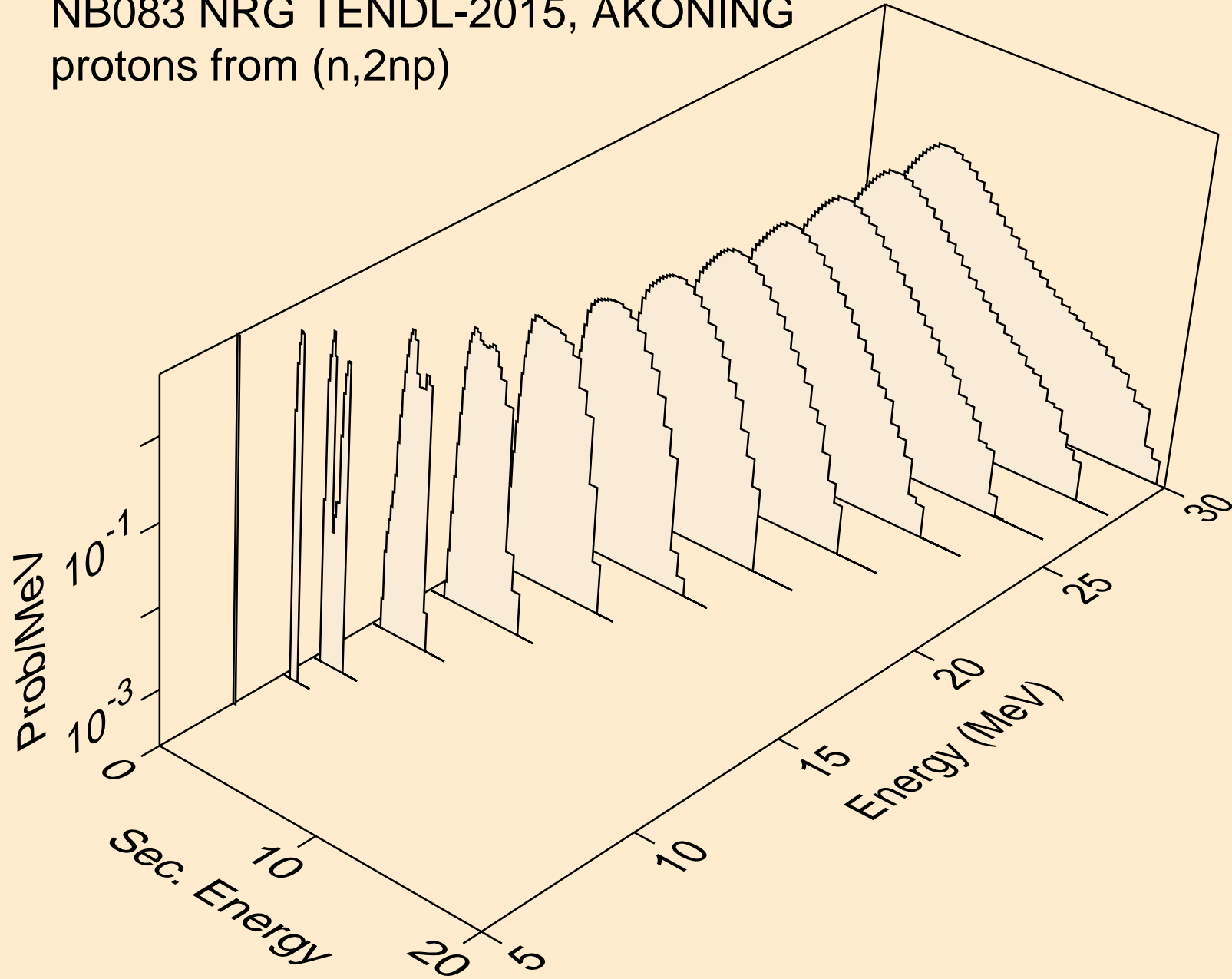
NB083 NRG TENDL-2015, AKONING  
protons from (n,2np)



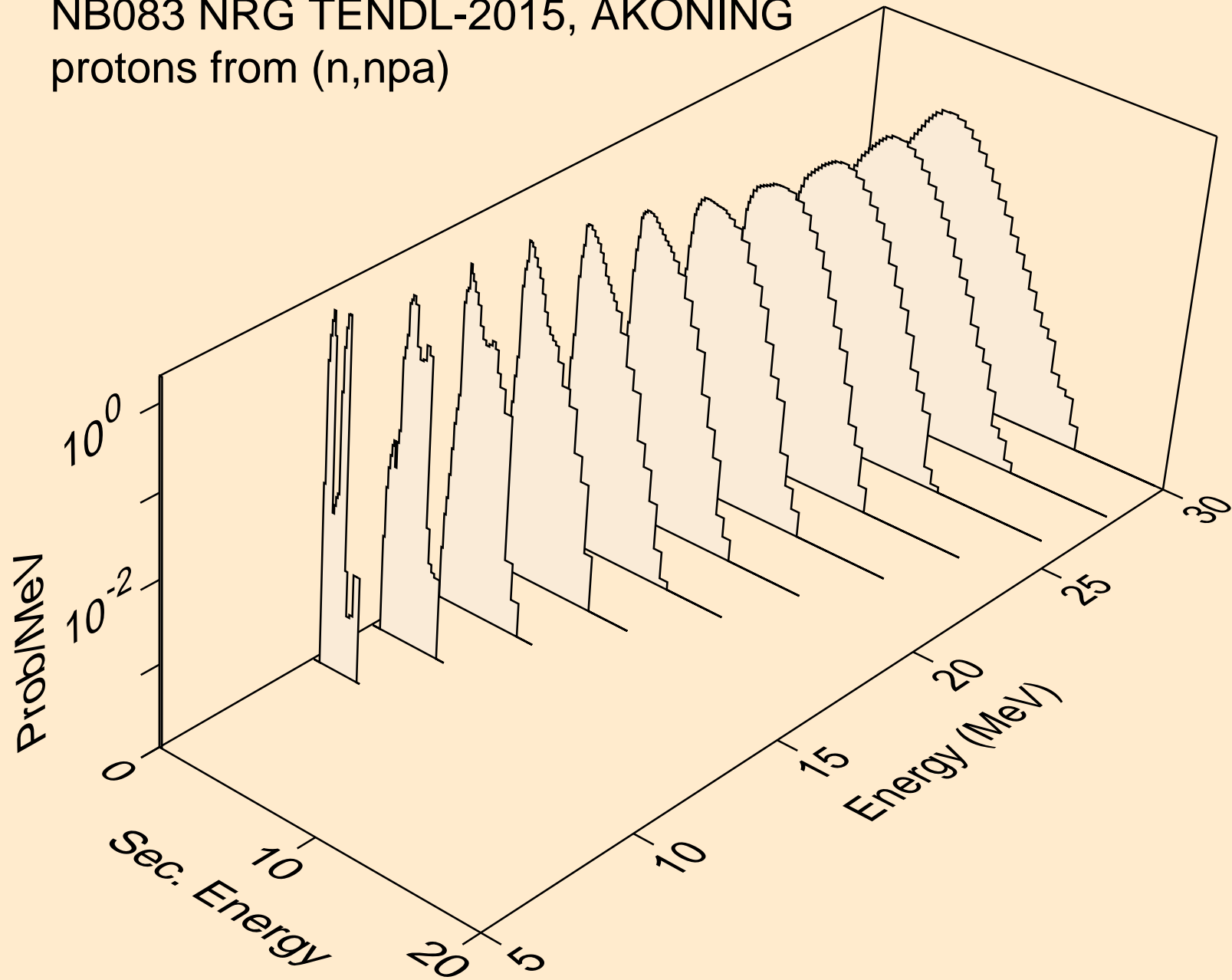
NB083 NRG TENDL-2015, AKONING  
protons from (n,3np)



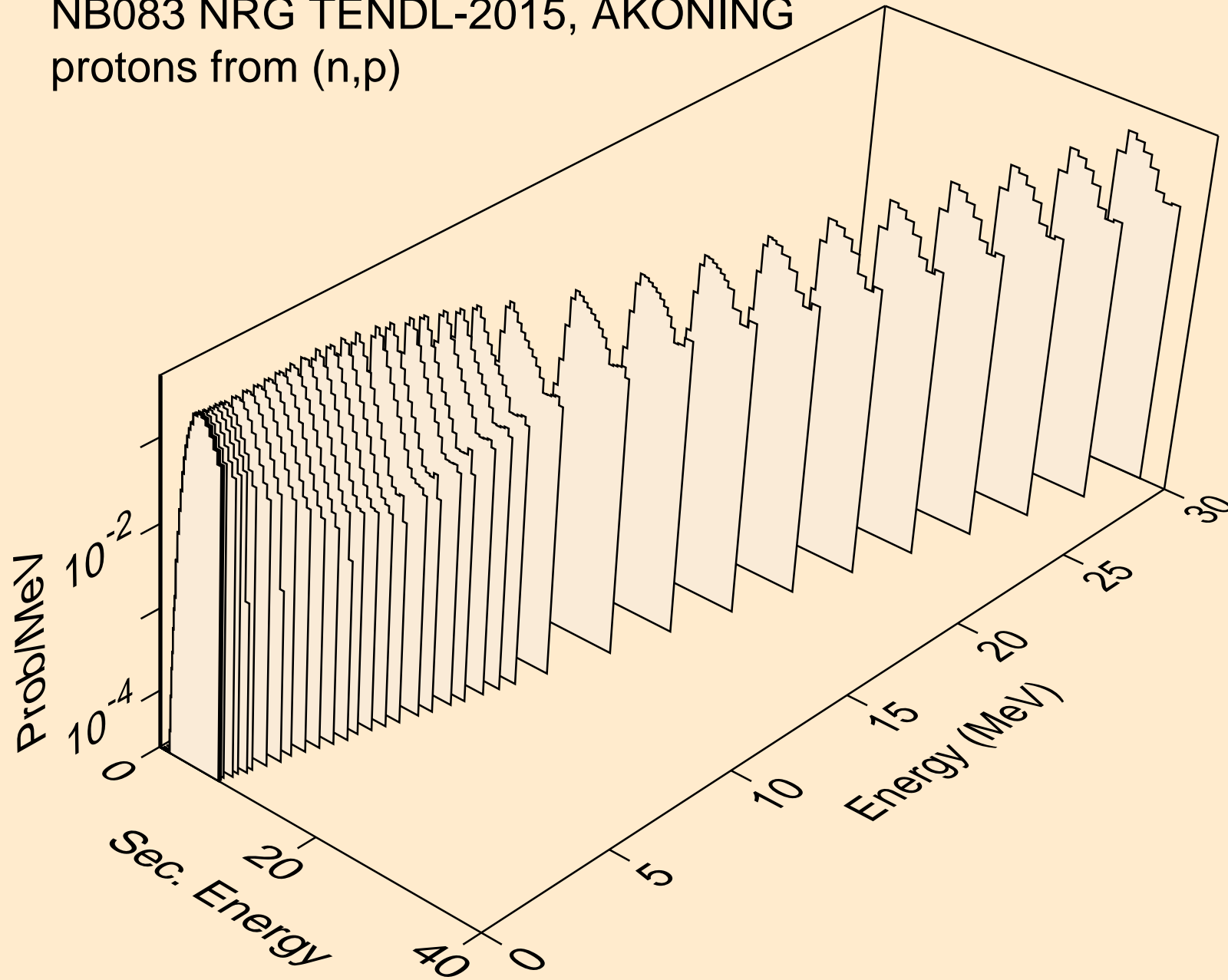
NB083 NRG TENDL-2015, AKONING  
protons from (n,2np)



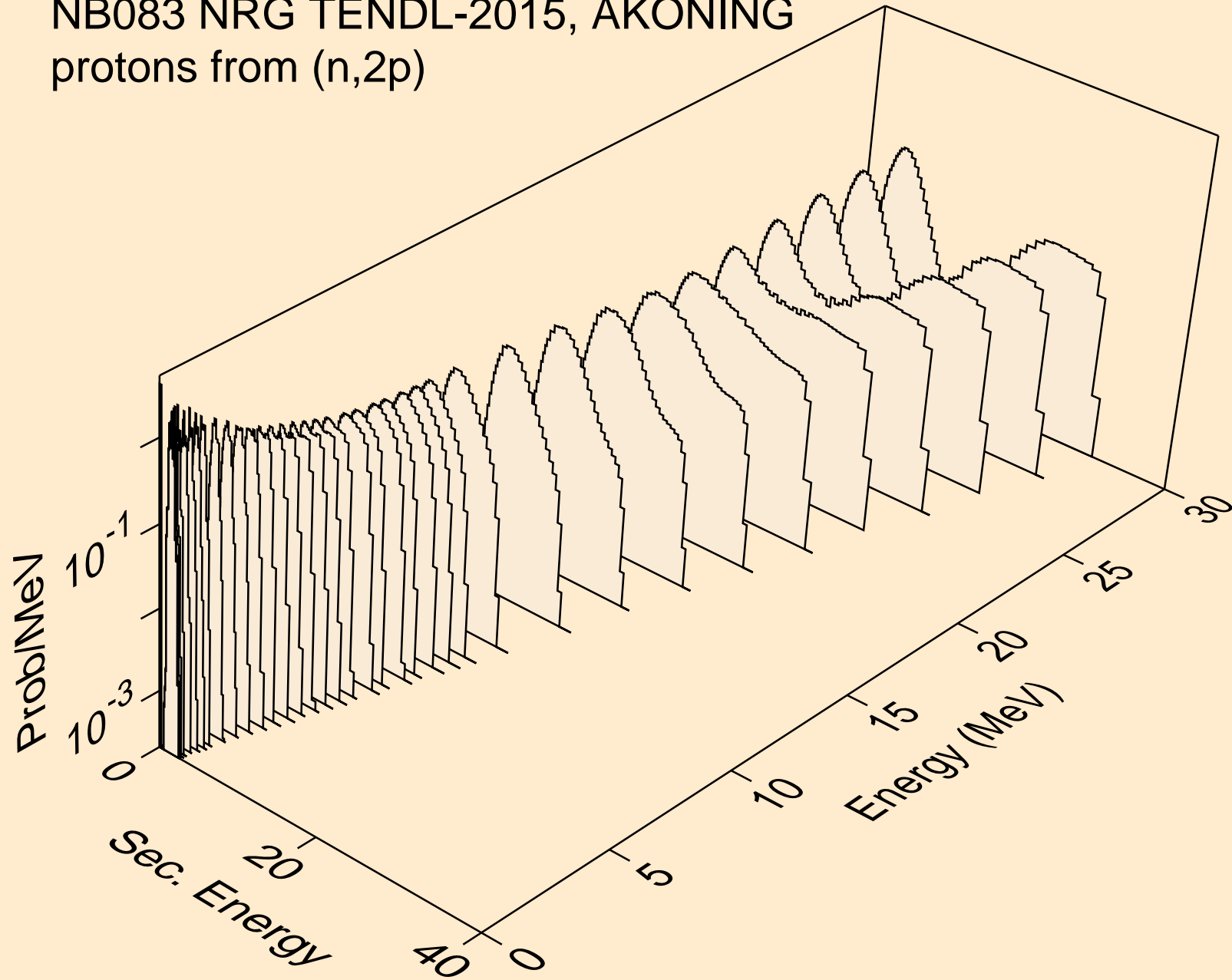
NB083 NRG TENDL-2015, AKONING  
protons from (n,npa)



NB083 NRG TENDL-2015, AKONING  
protons from (n,p)

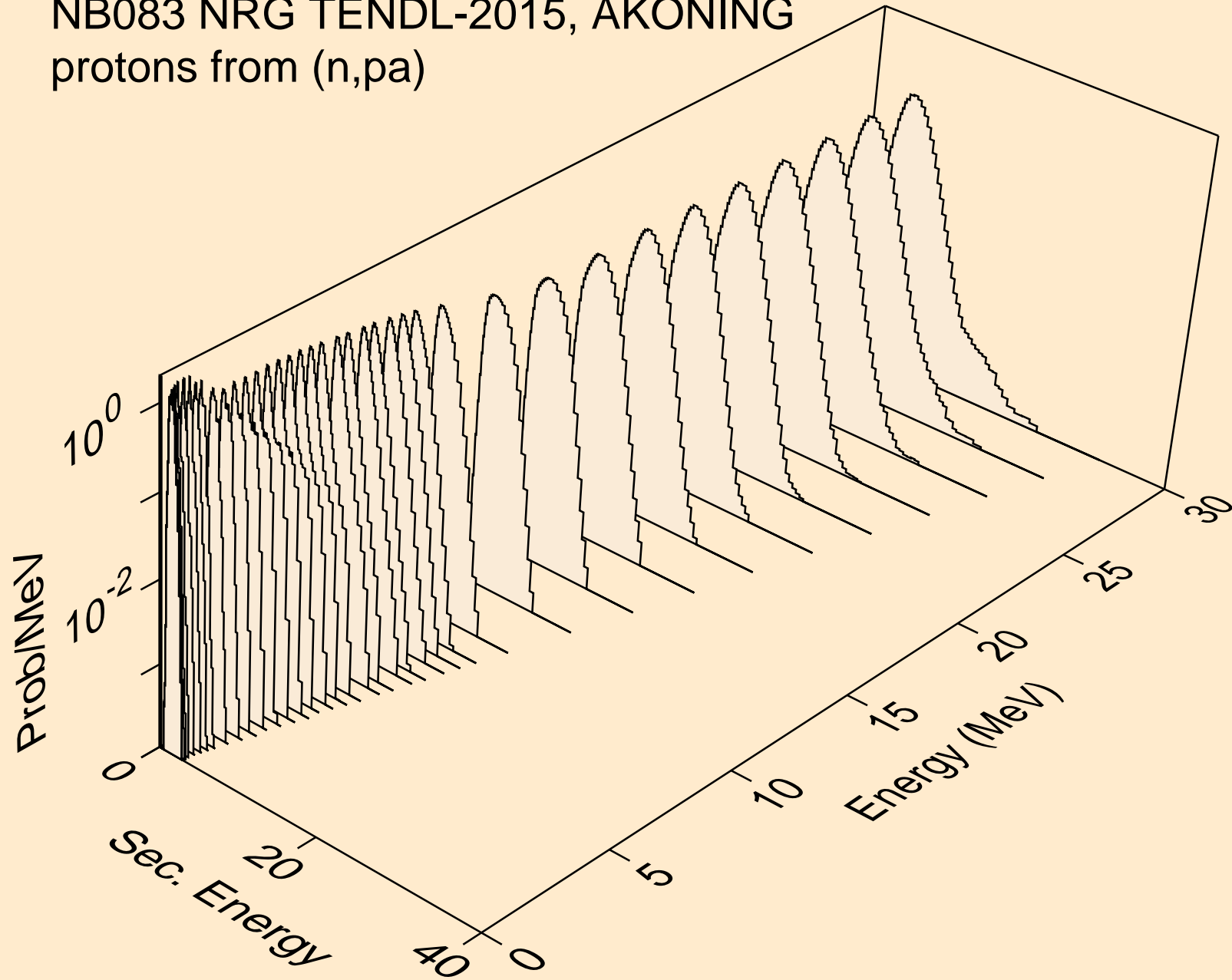


NB083 NRG TENDL-2015, AKONING  
protons from (n,2p)

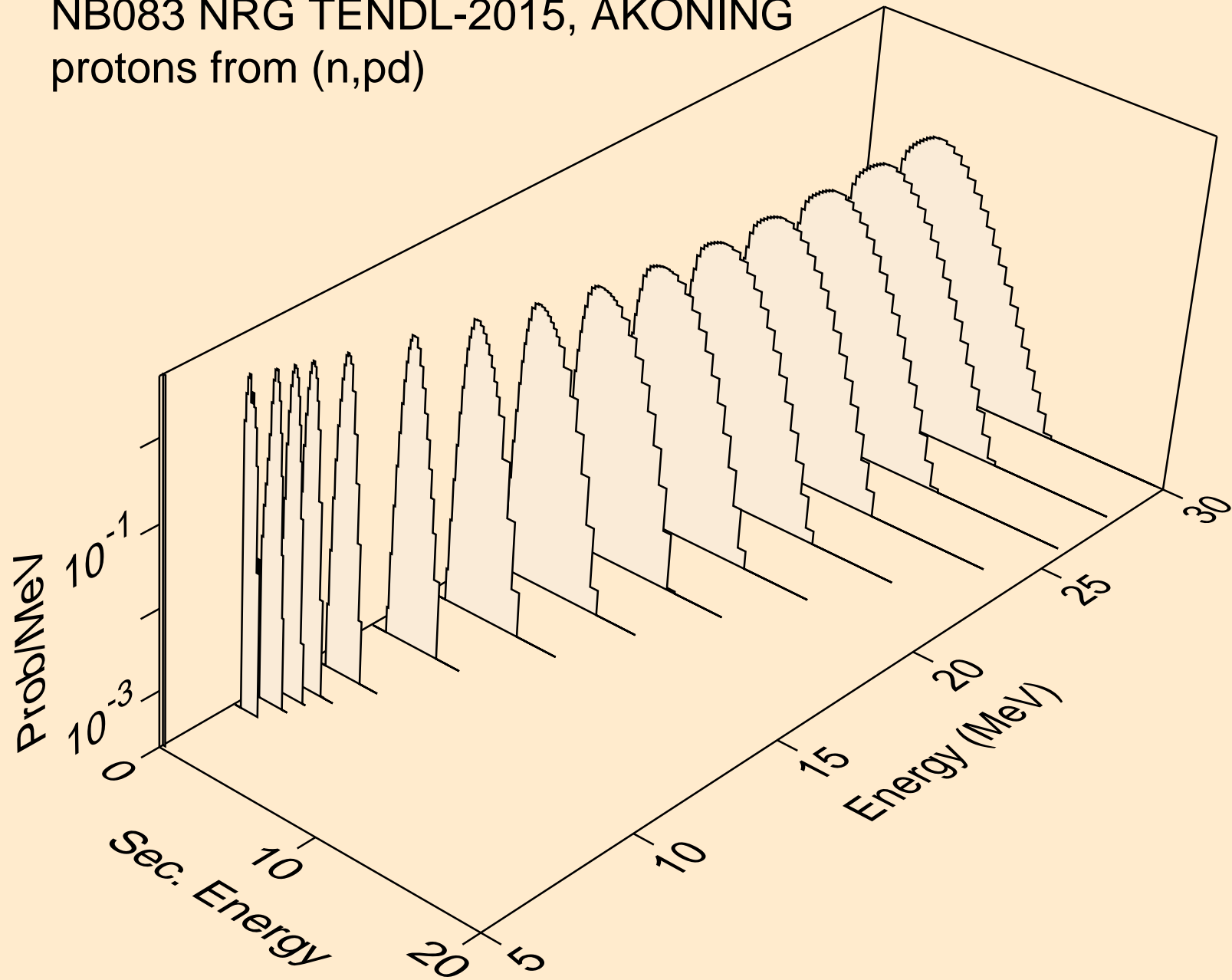




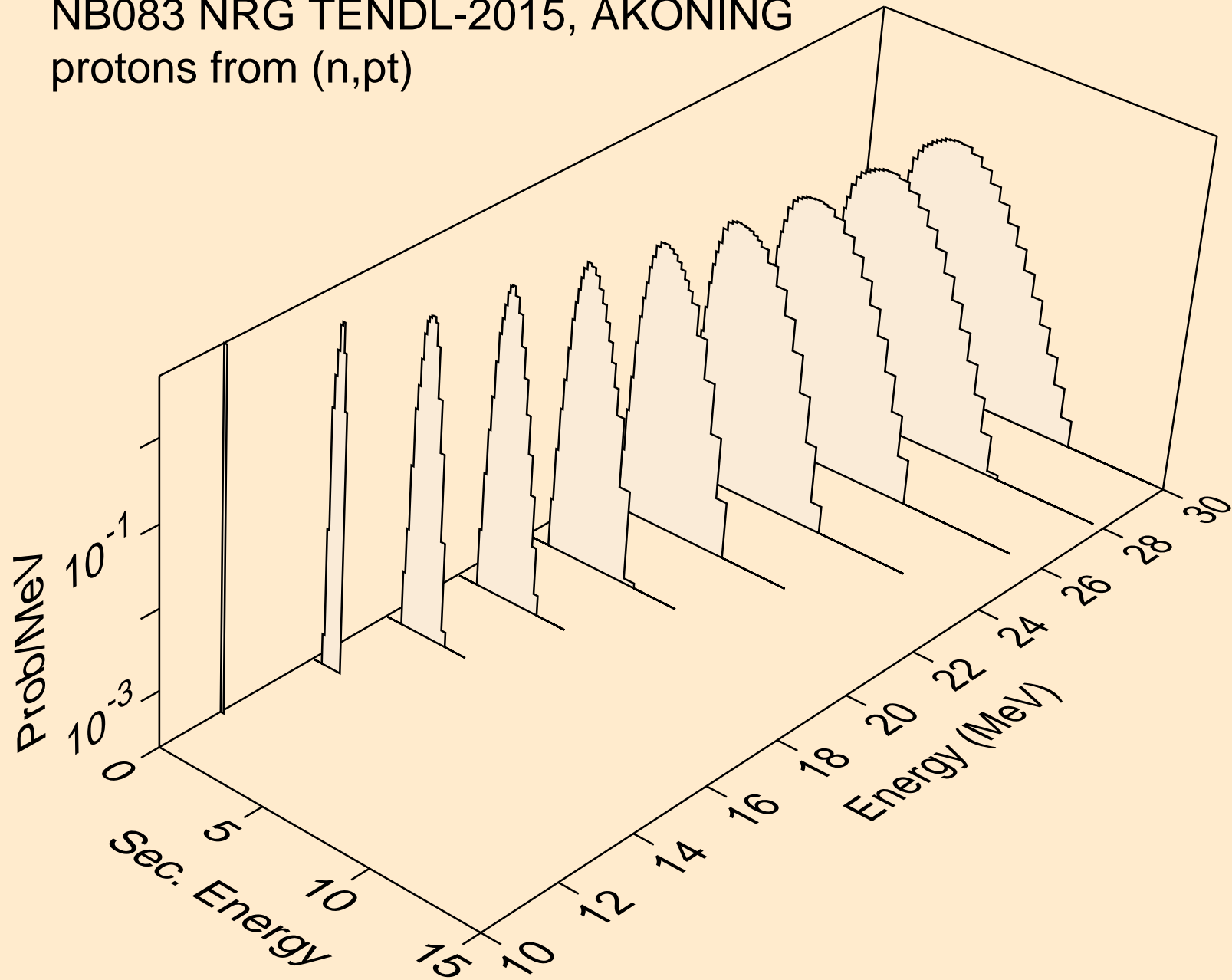
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protons from (n,pa)



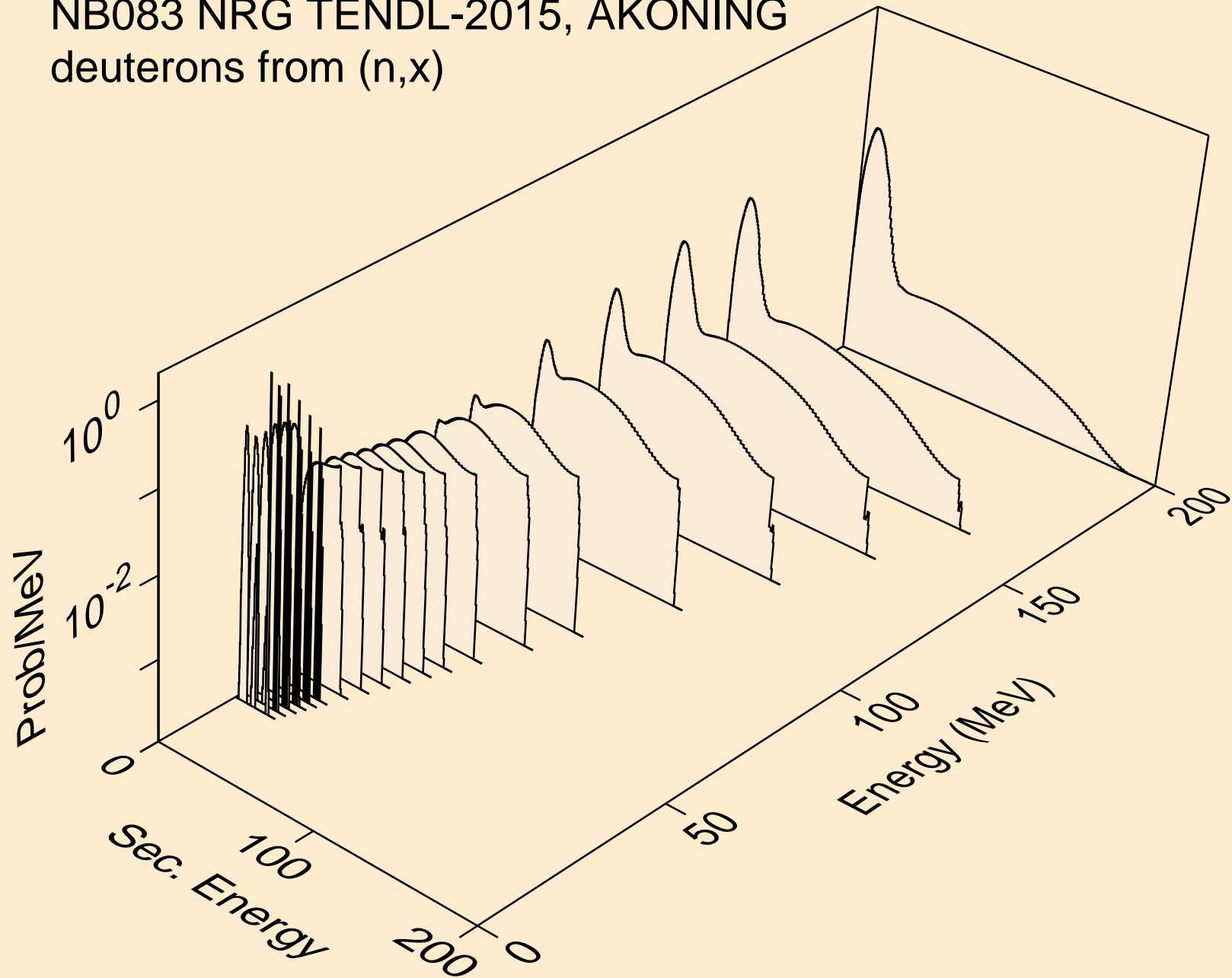
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protons from (n,pd)



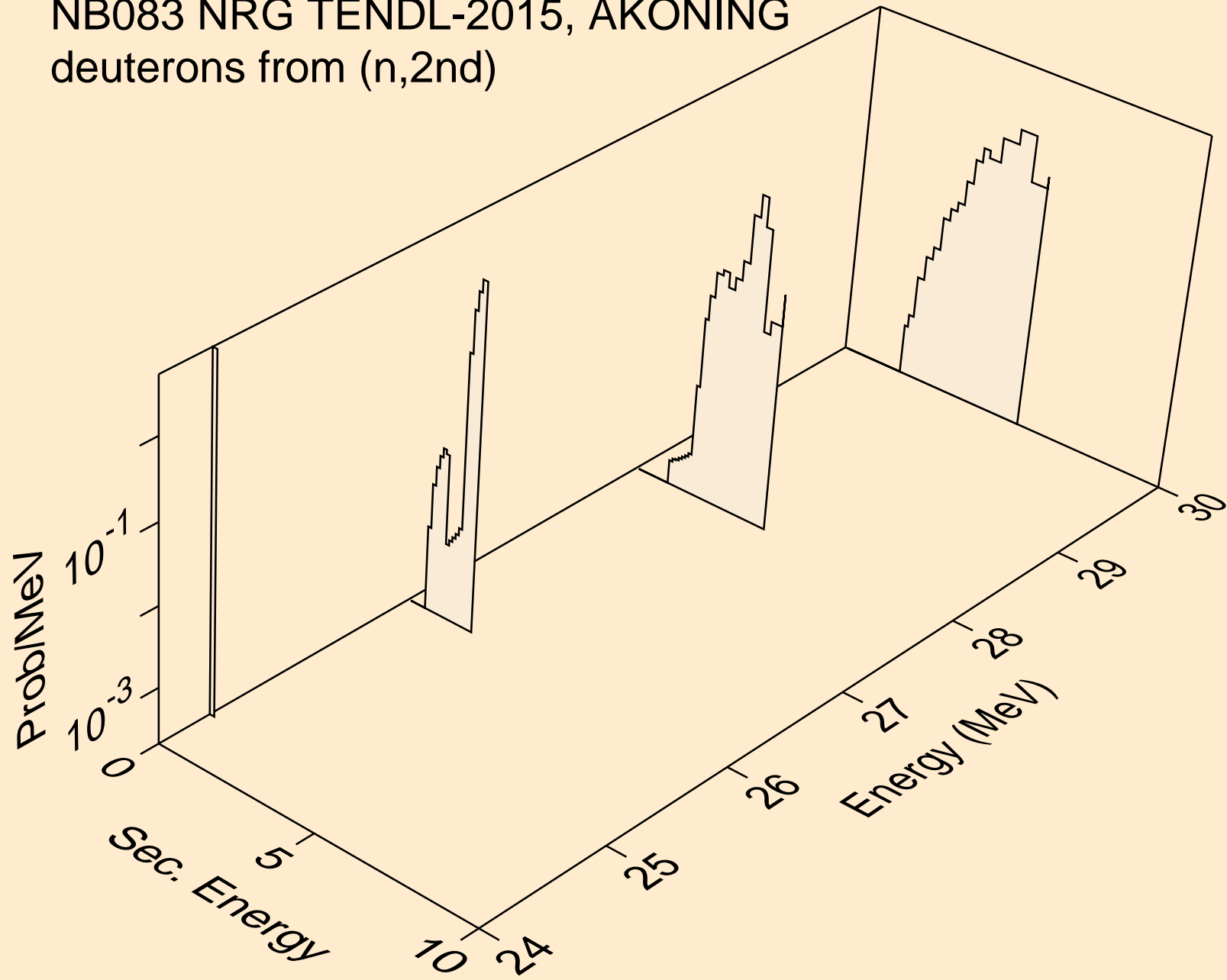
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protons from (n,pt)



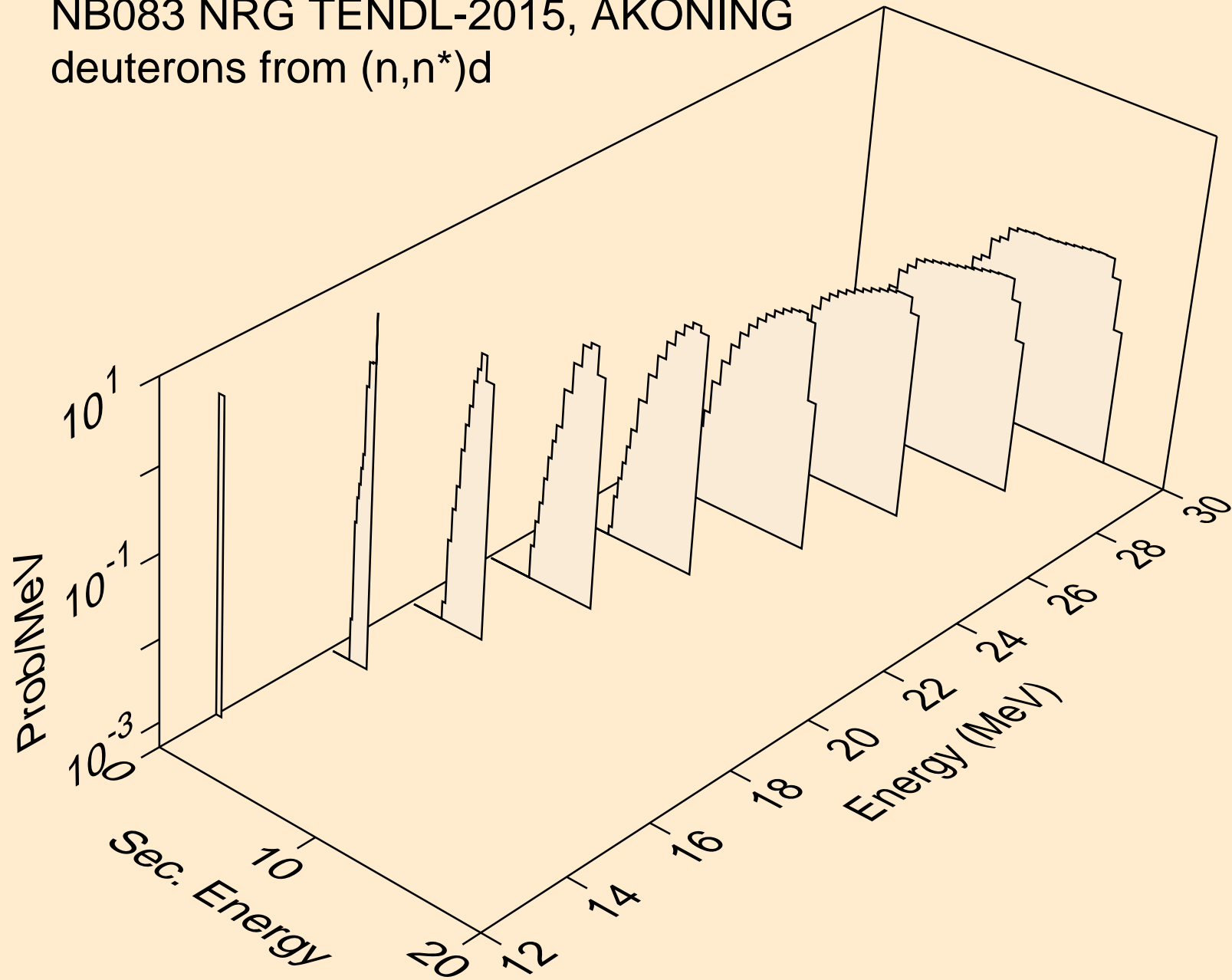
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deuterons from (n,x)



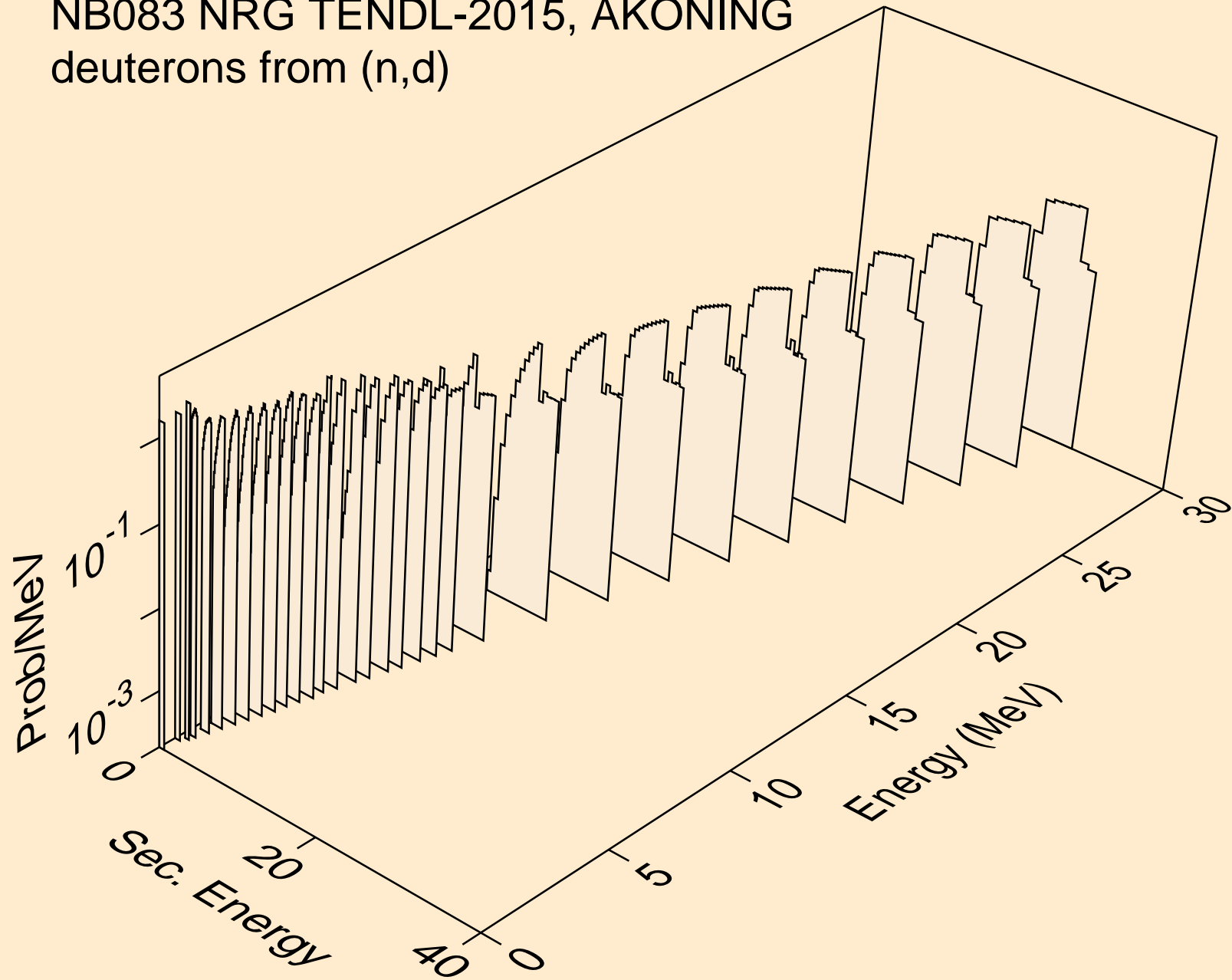
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deuterons from (n,2nd)



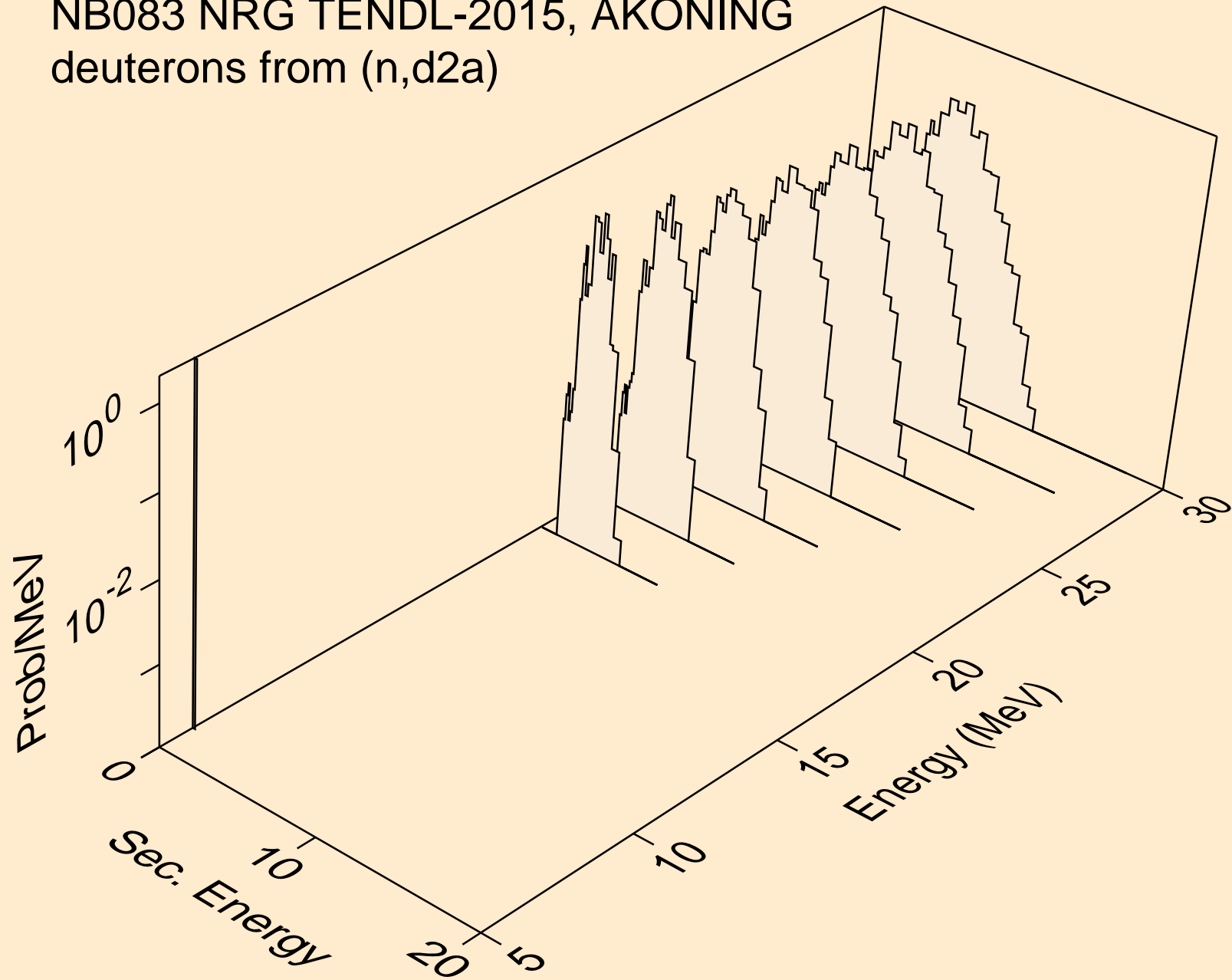
NB083 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



NB083 NRG TENDL-2015, AKONING  
deuterons from (n,d)

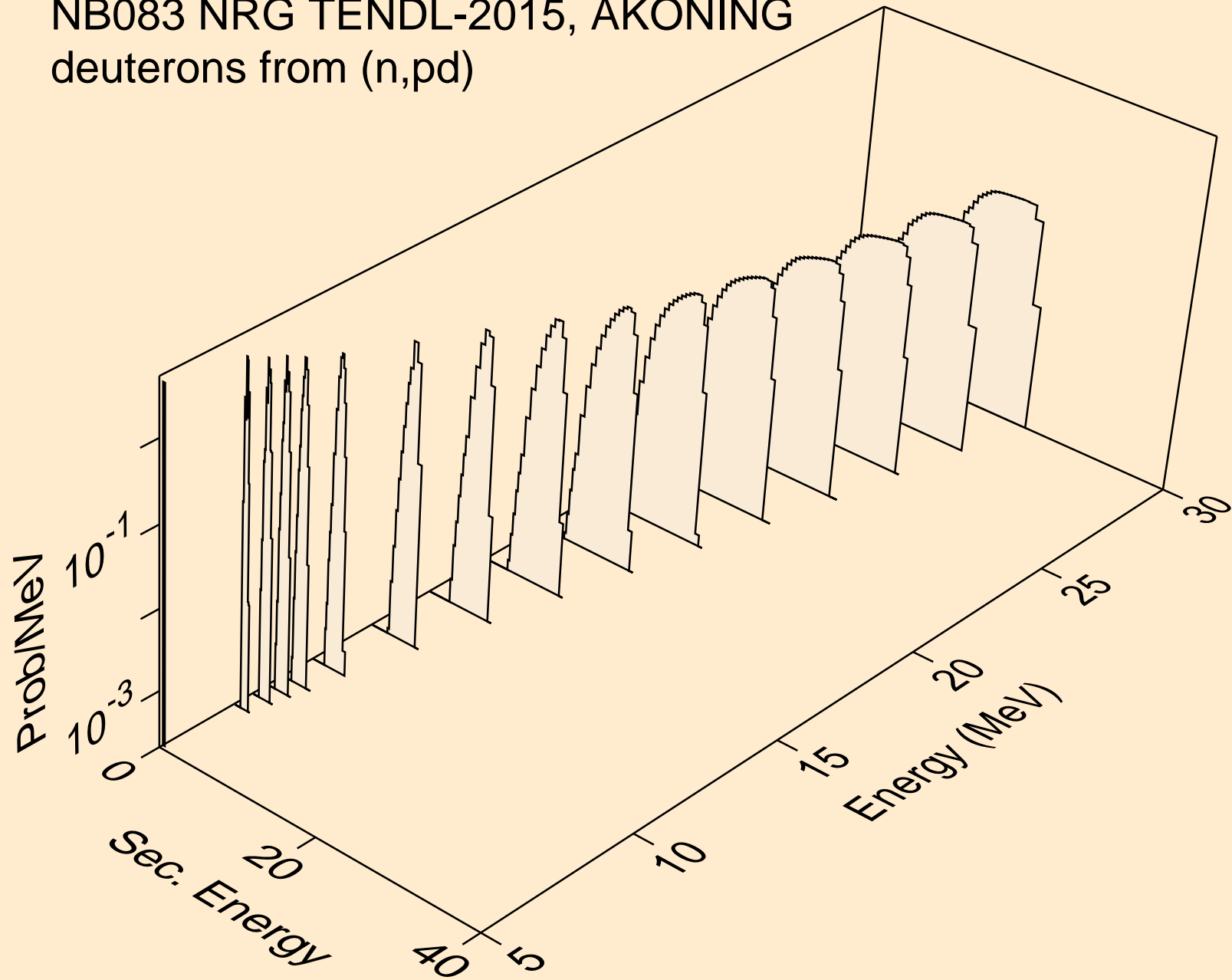


NB083 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

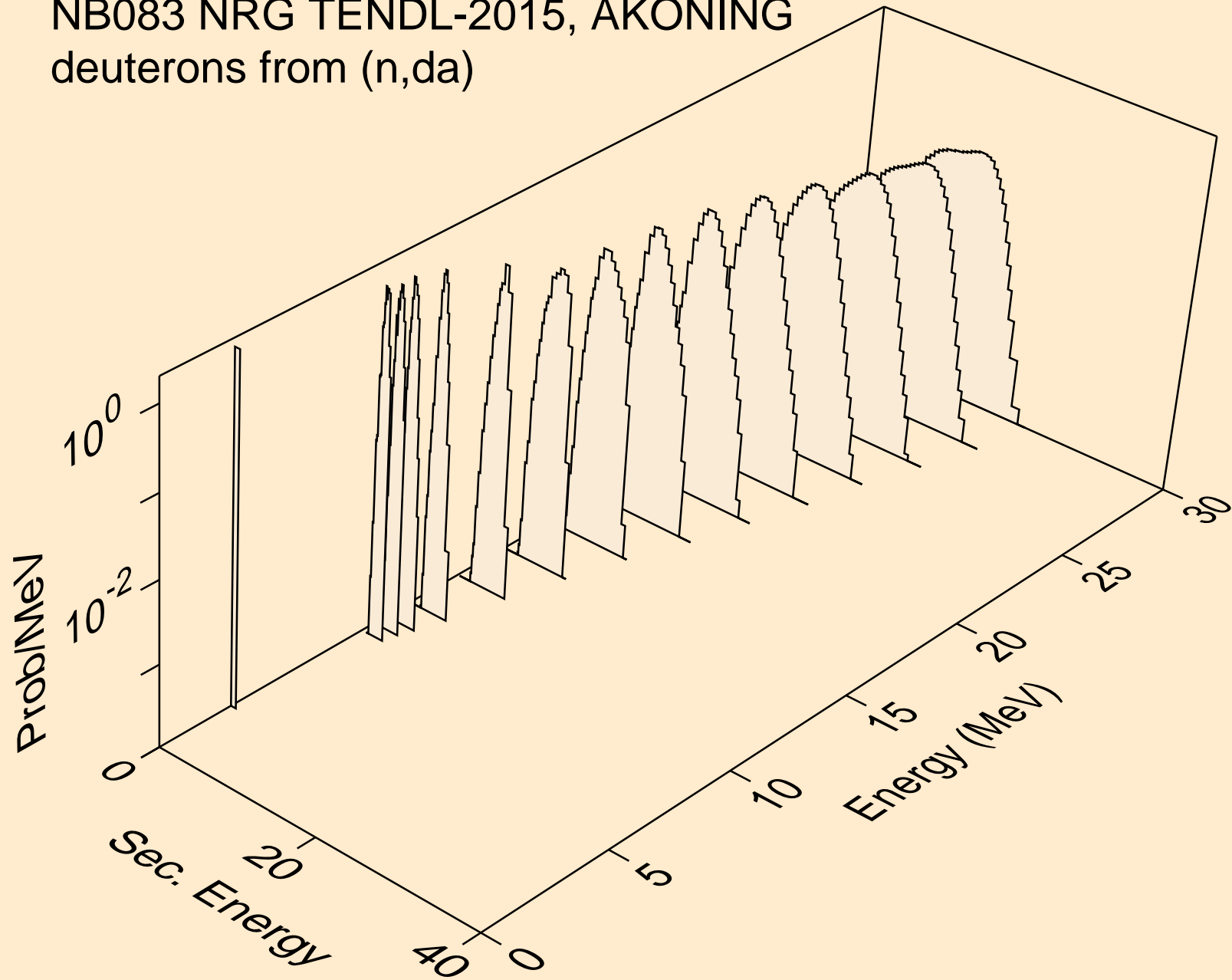




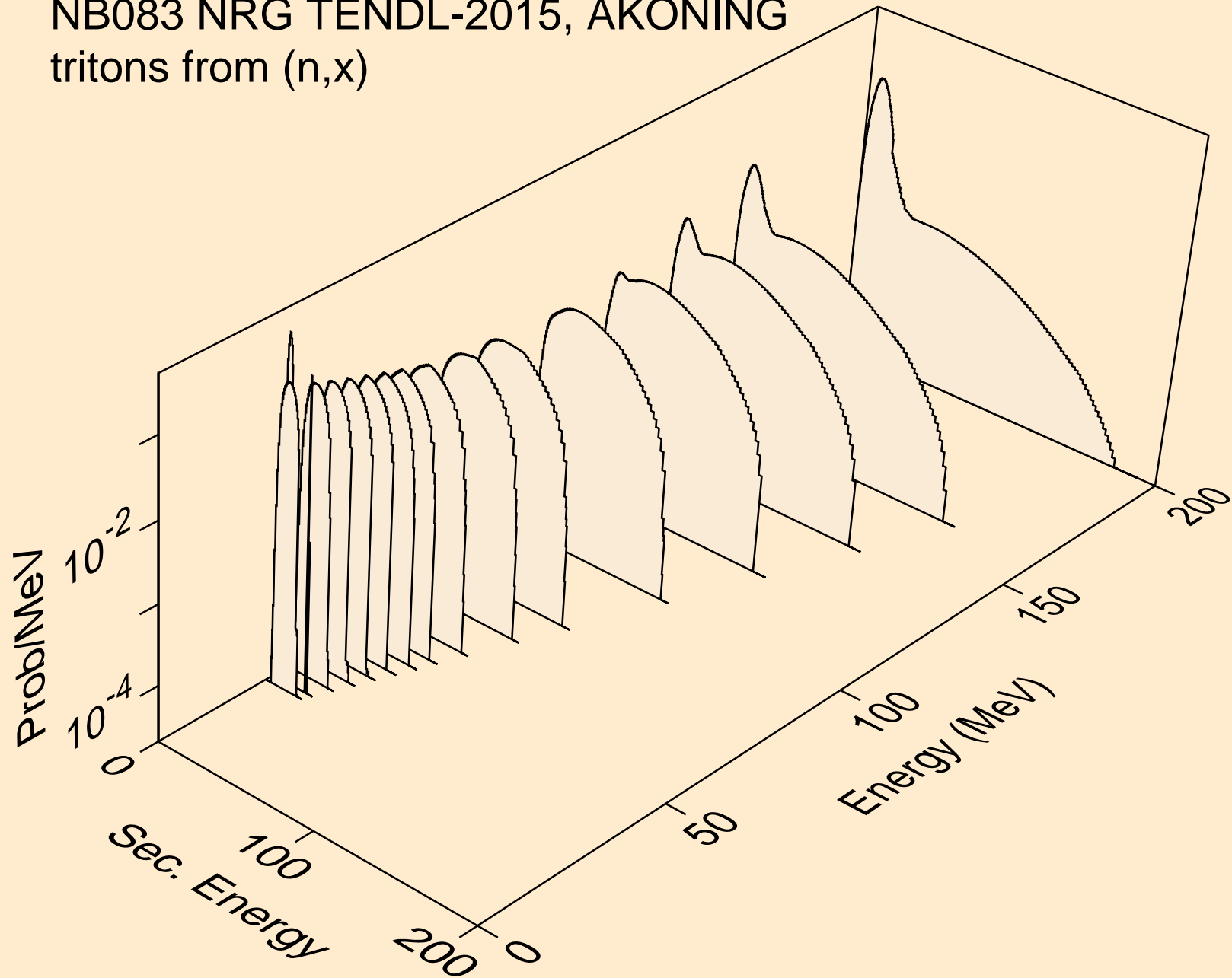
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deuterons from (n,pd)



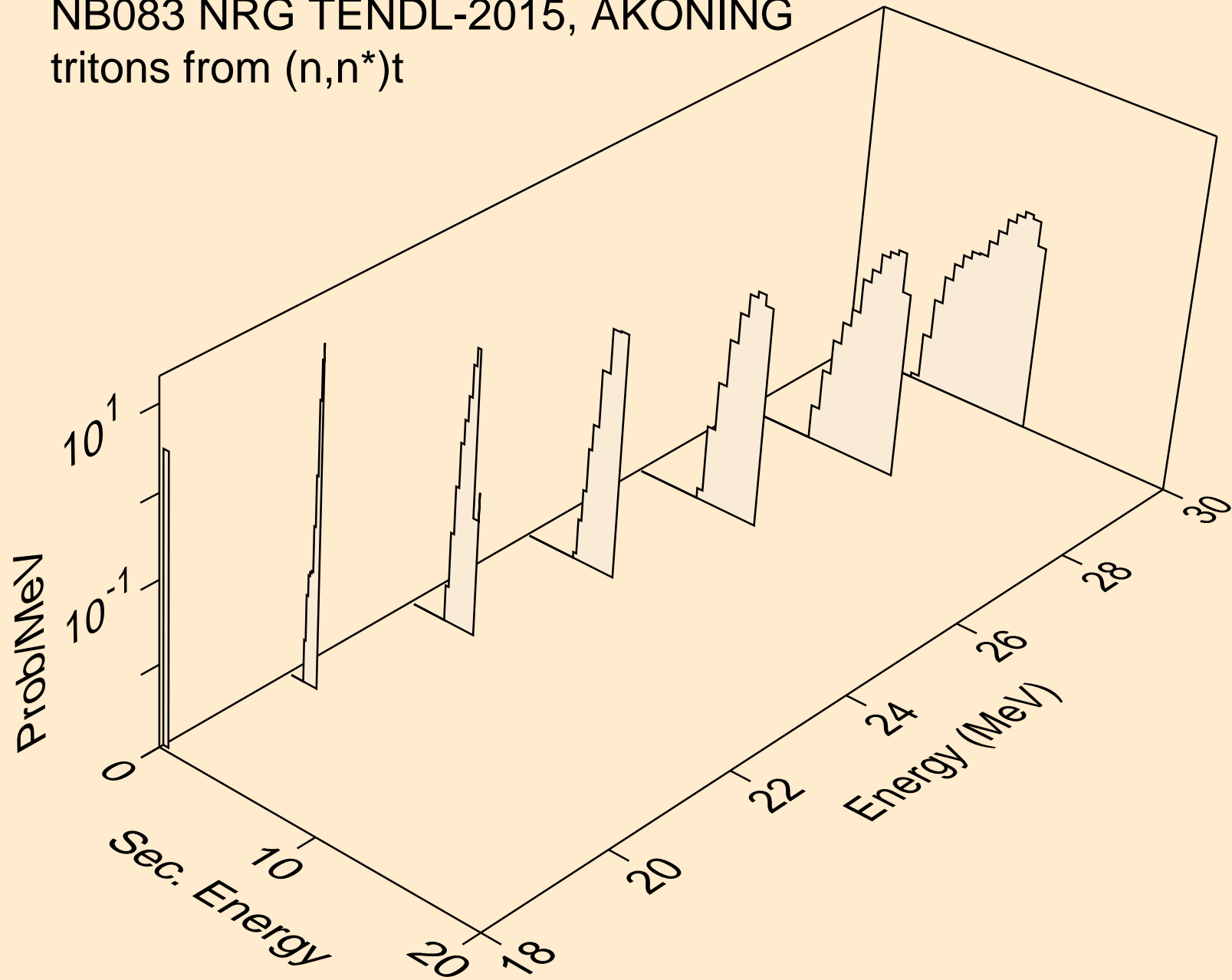
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deuterons from (n,da)



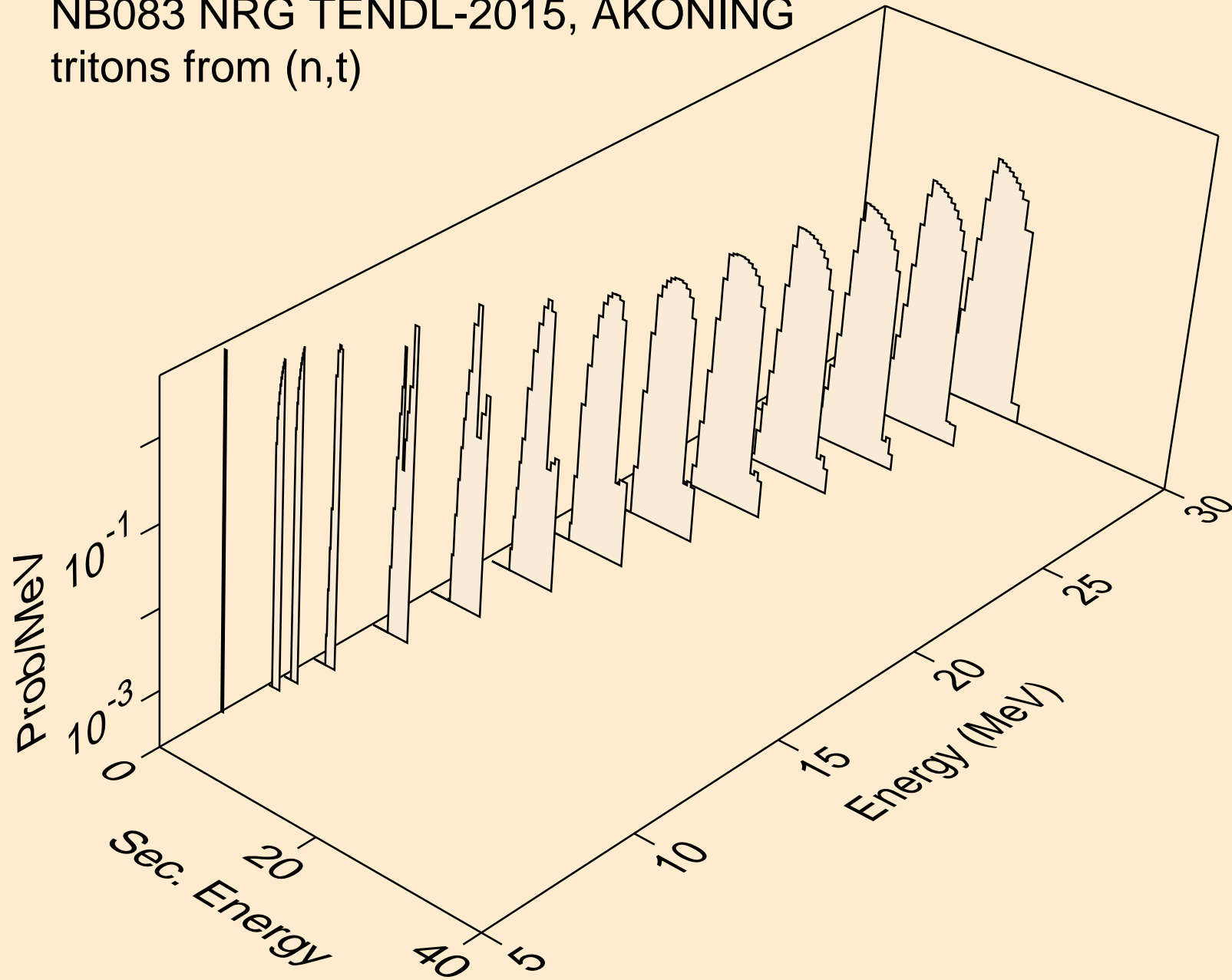
NB083 NRG TENDL-2015, AKONING  
tritons from (n,x)



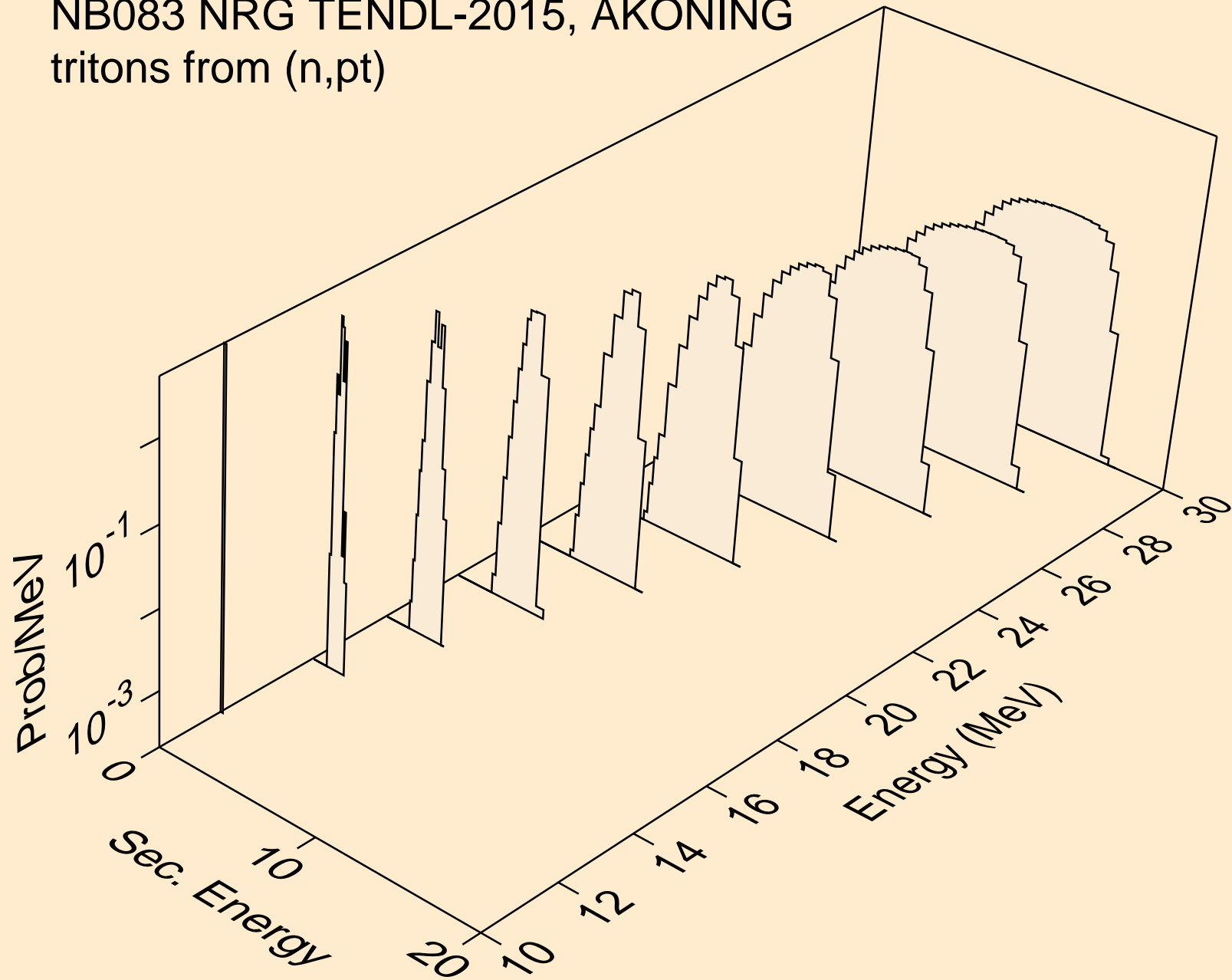
NB083 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



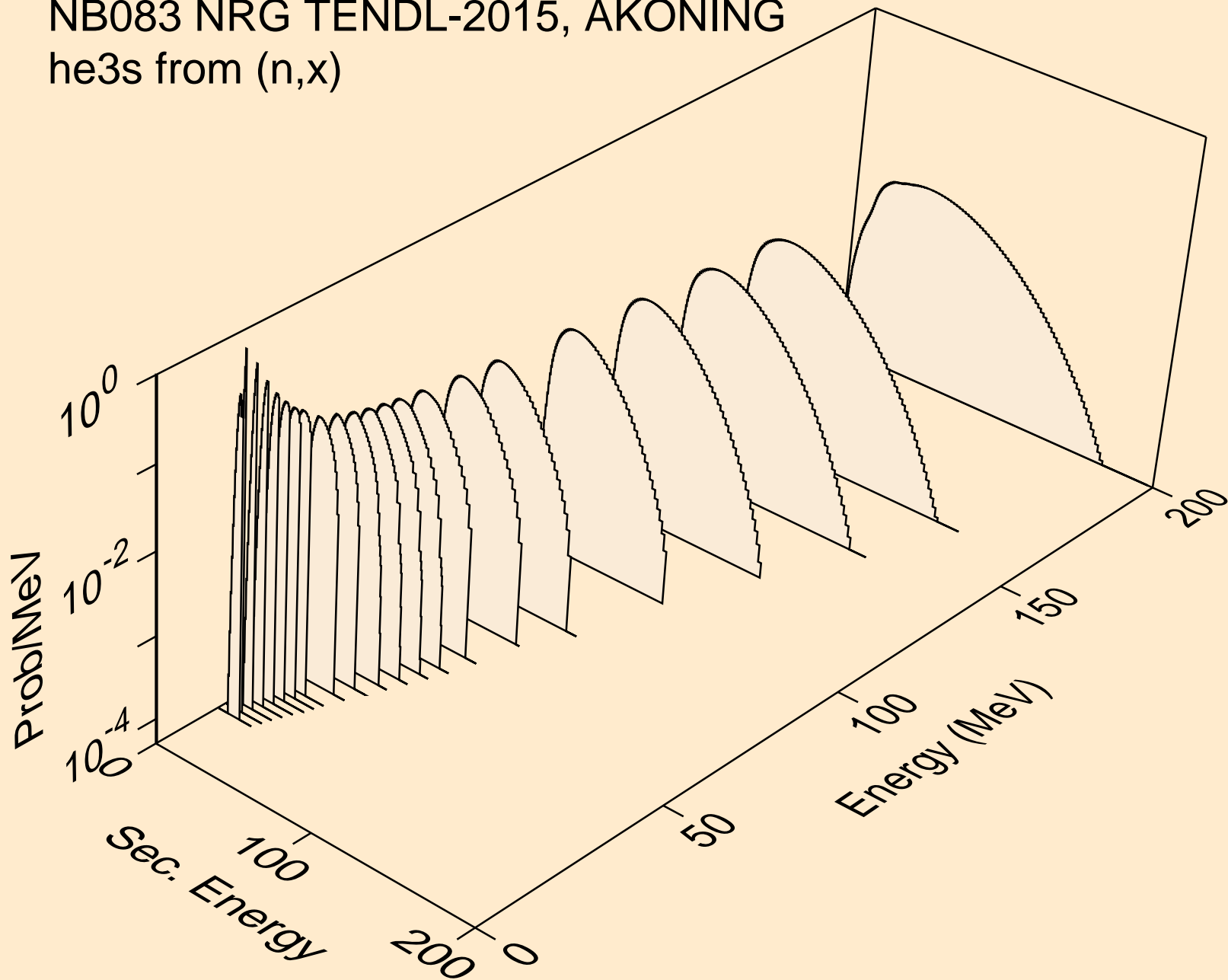
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tritons from (n,t)



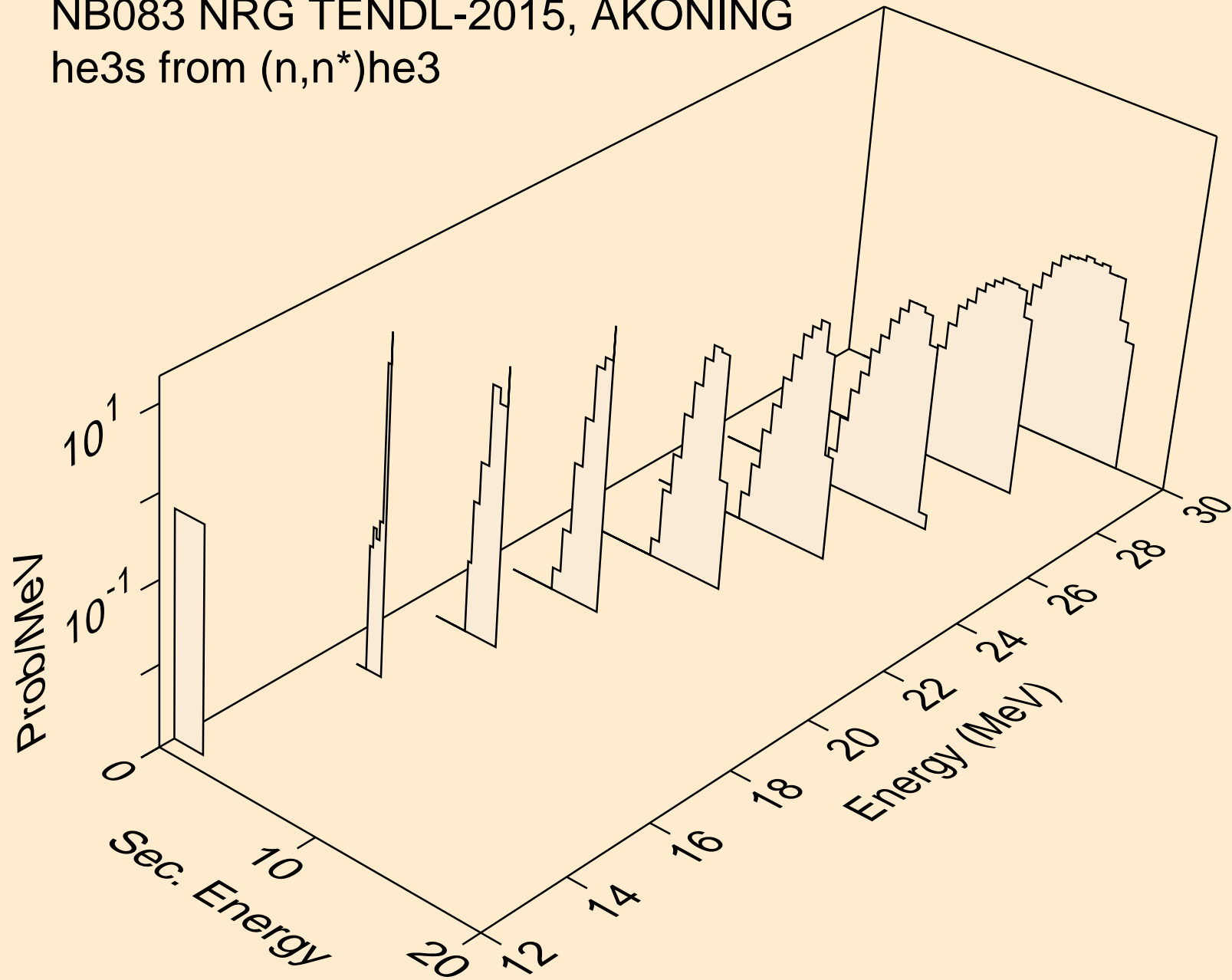
NB083 NRG TENDL-2015, AKONING  
tritons from (n,pt)



NB083 NRG TENDL-2015, AKONING  
he3s from (n,x)

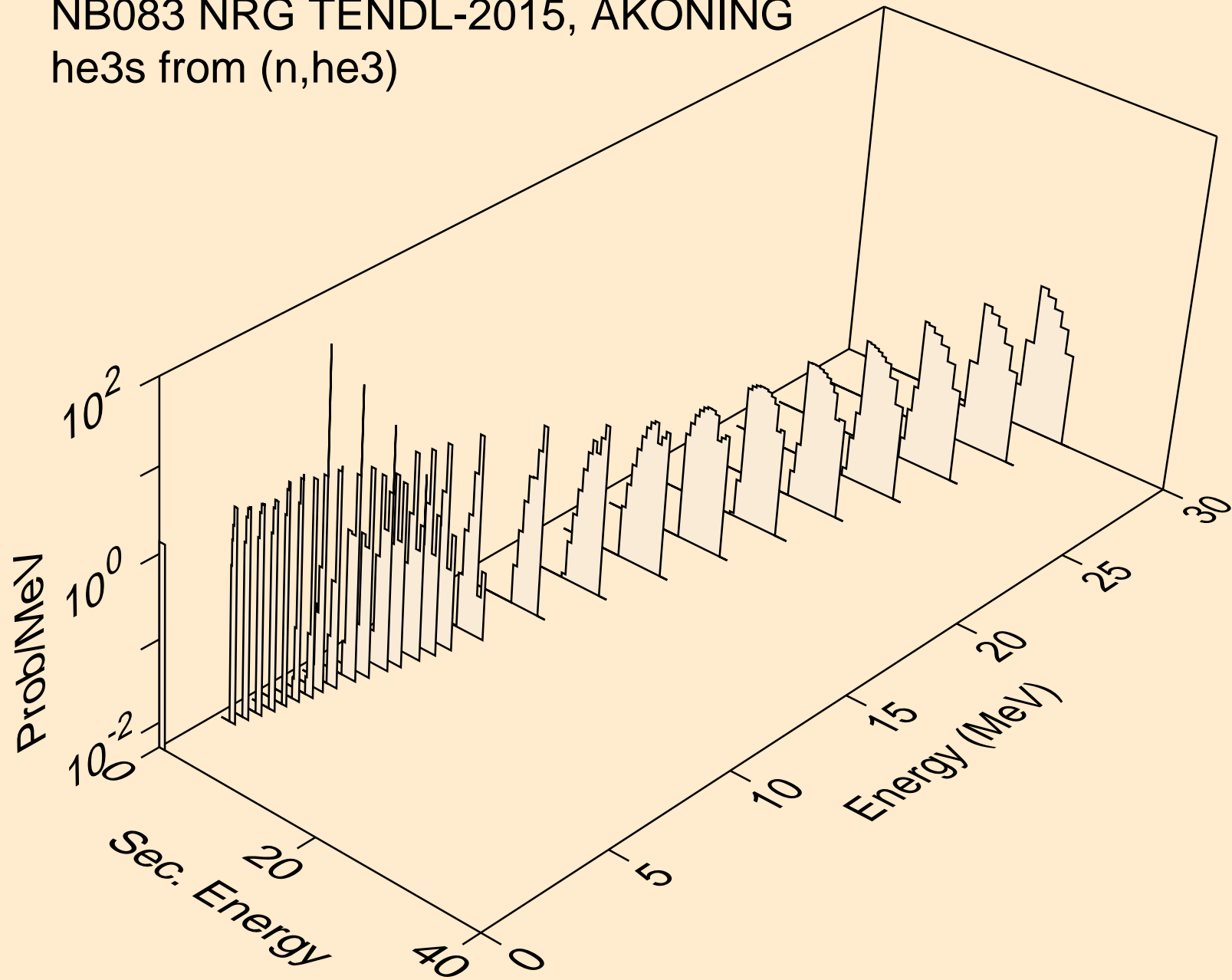


NB083 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

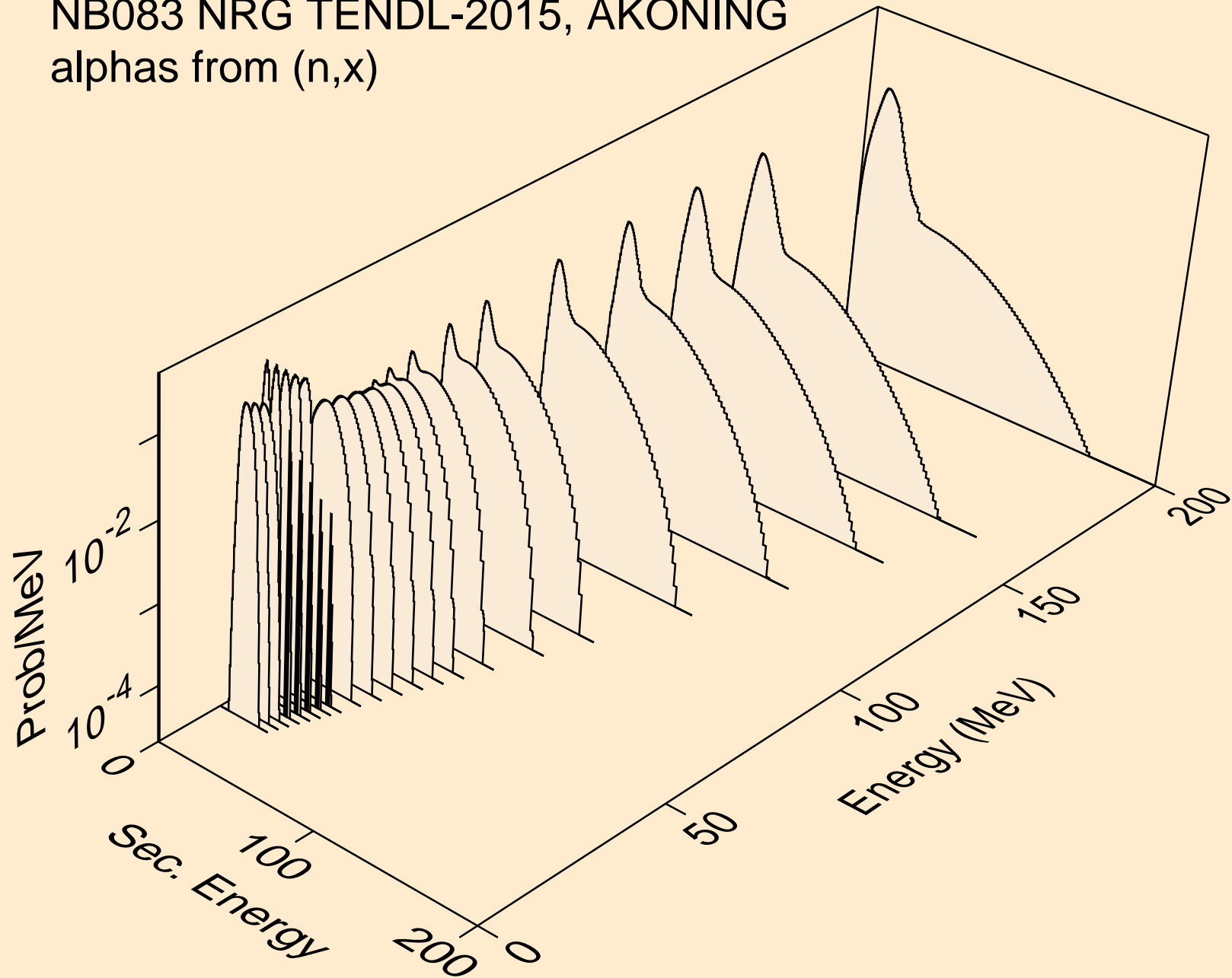




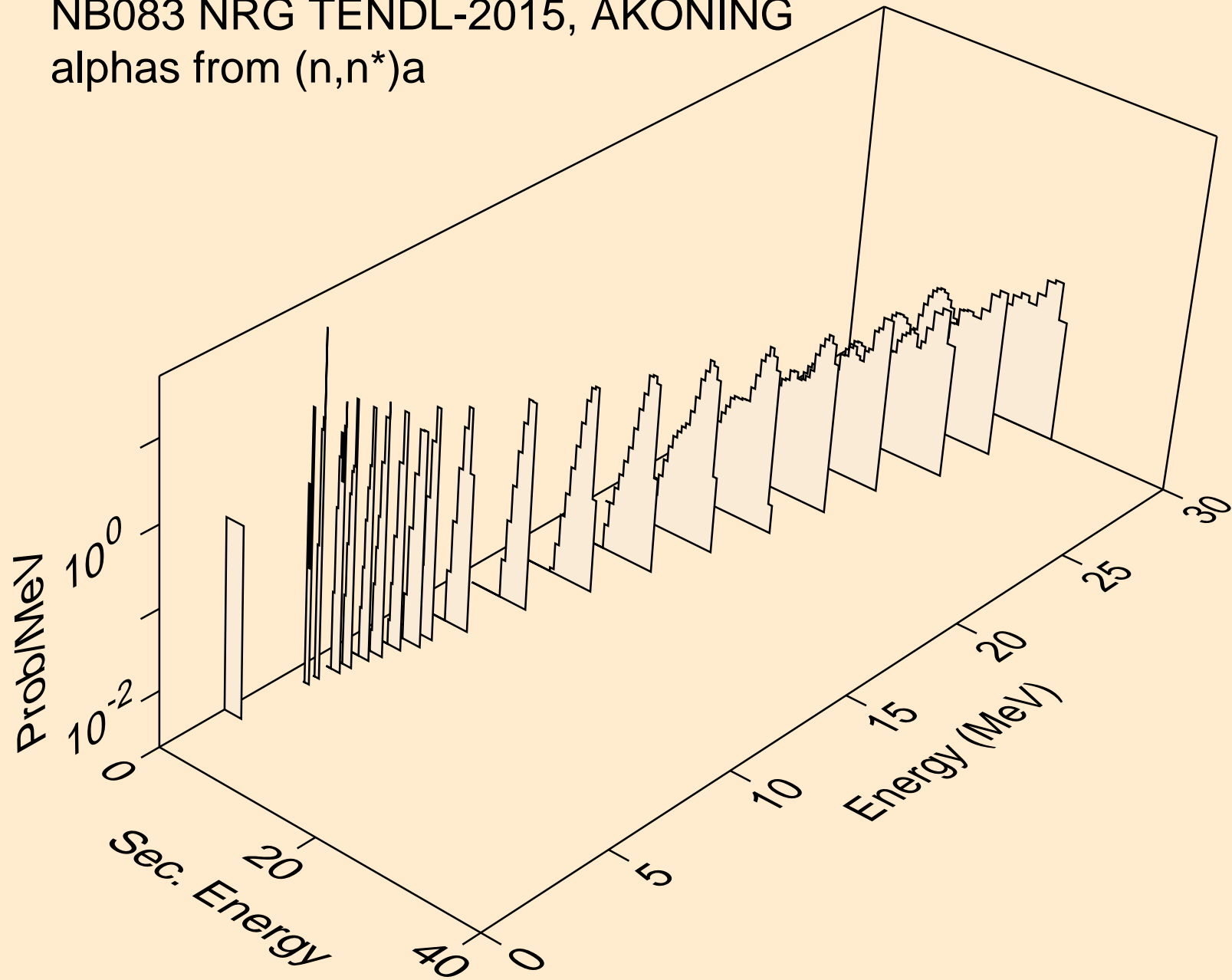
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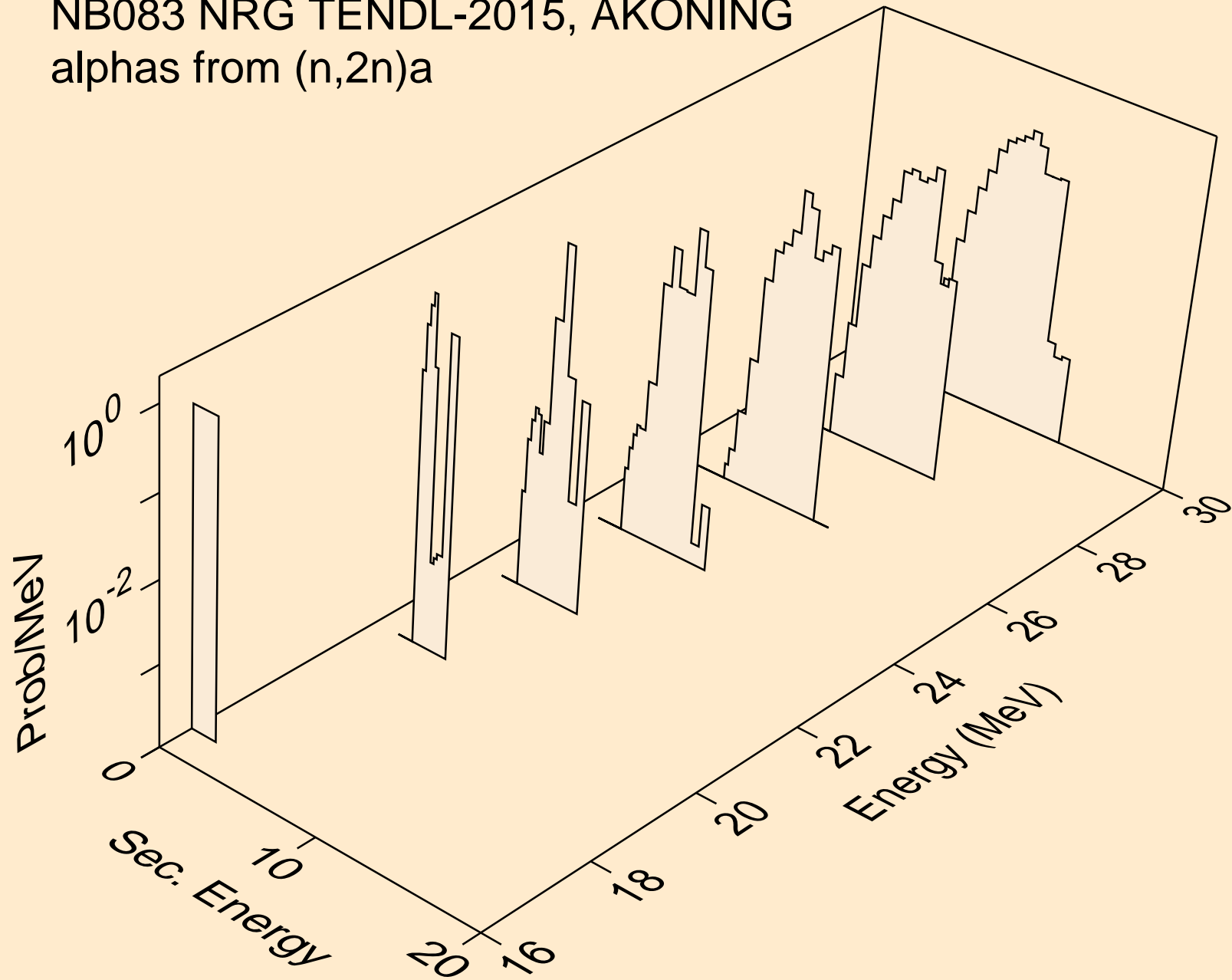
NB083 NRG TENDL-2015, AKONING  
alphas from (n,x)



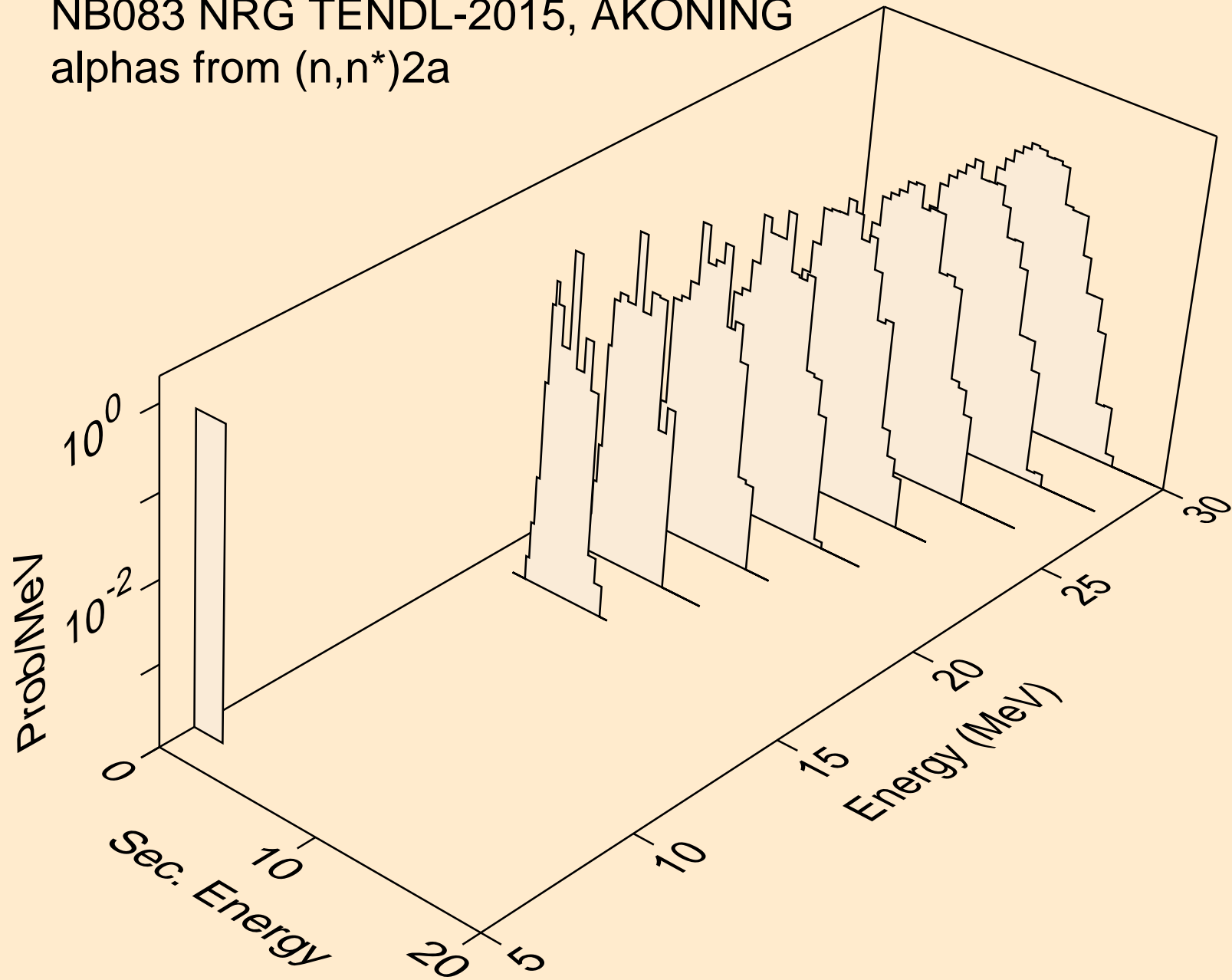
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alphas from (n,n\*)a



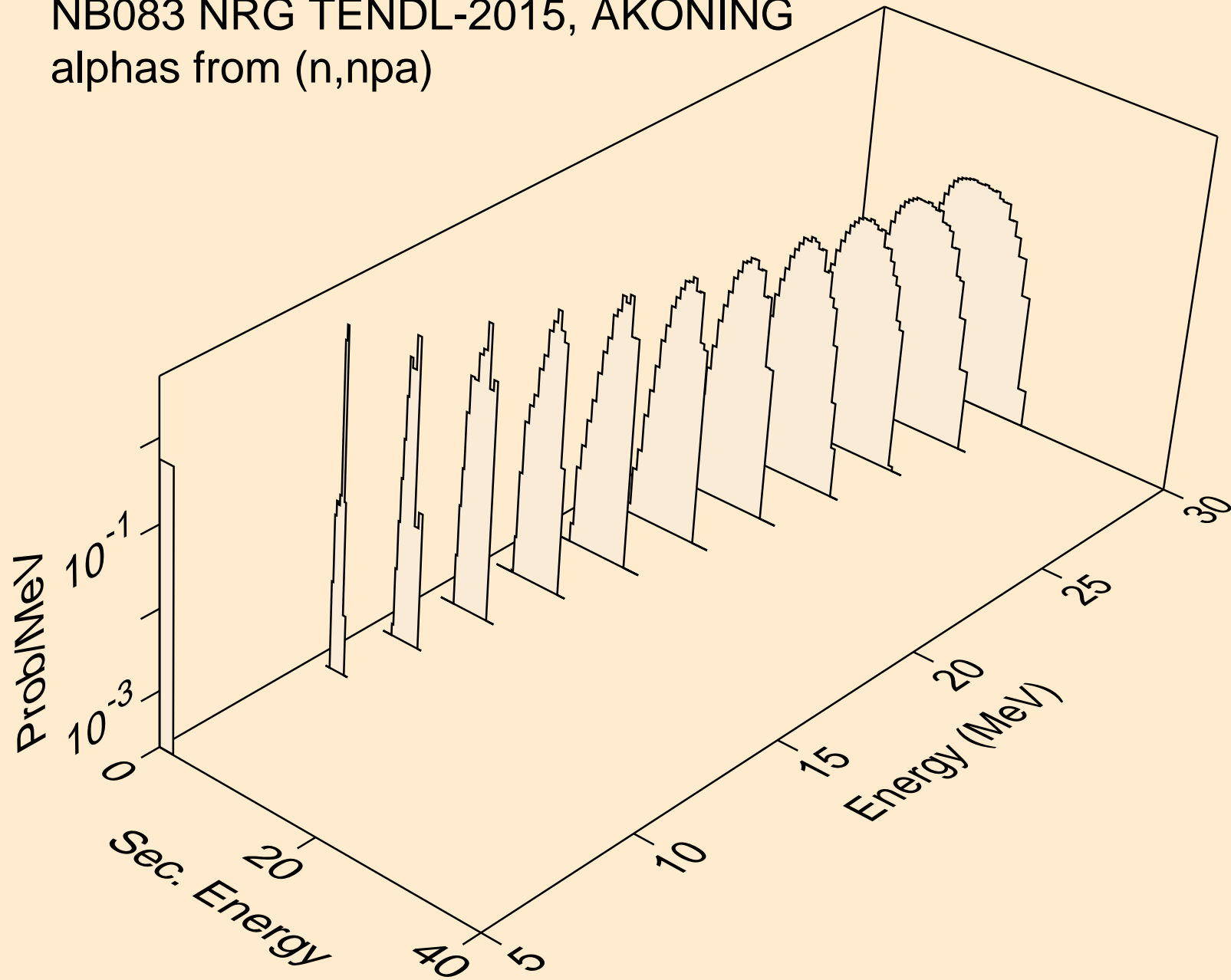
NB083 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



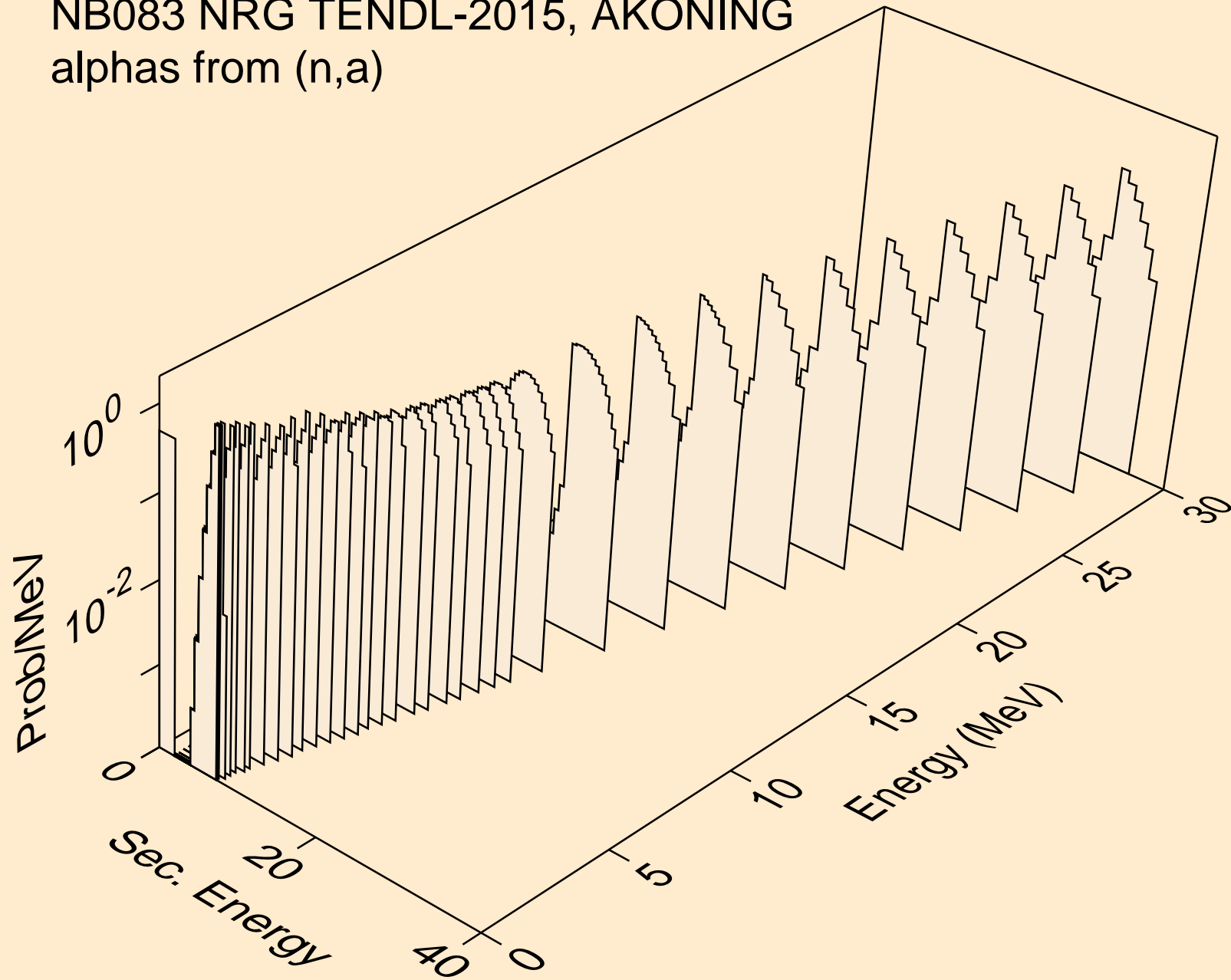
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alphas from (n,n\*)2a



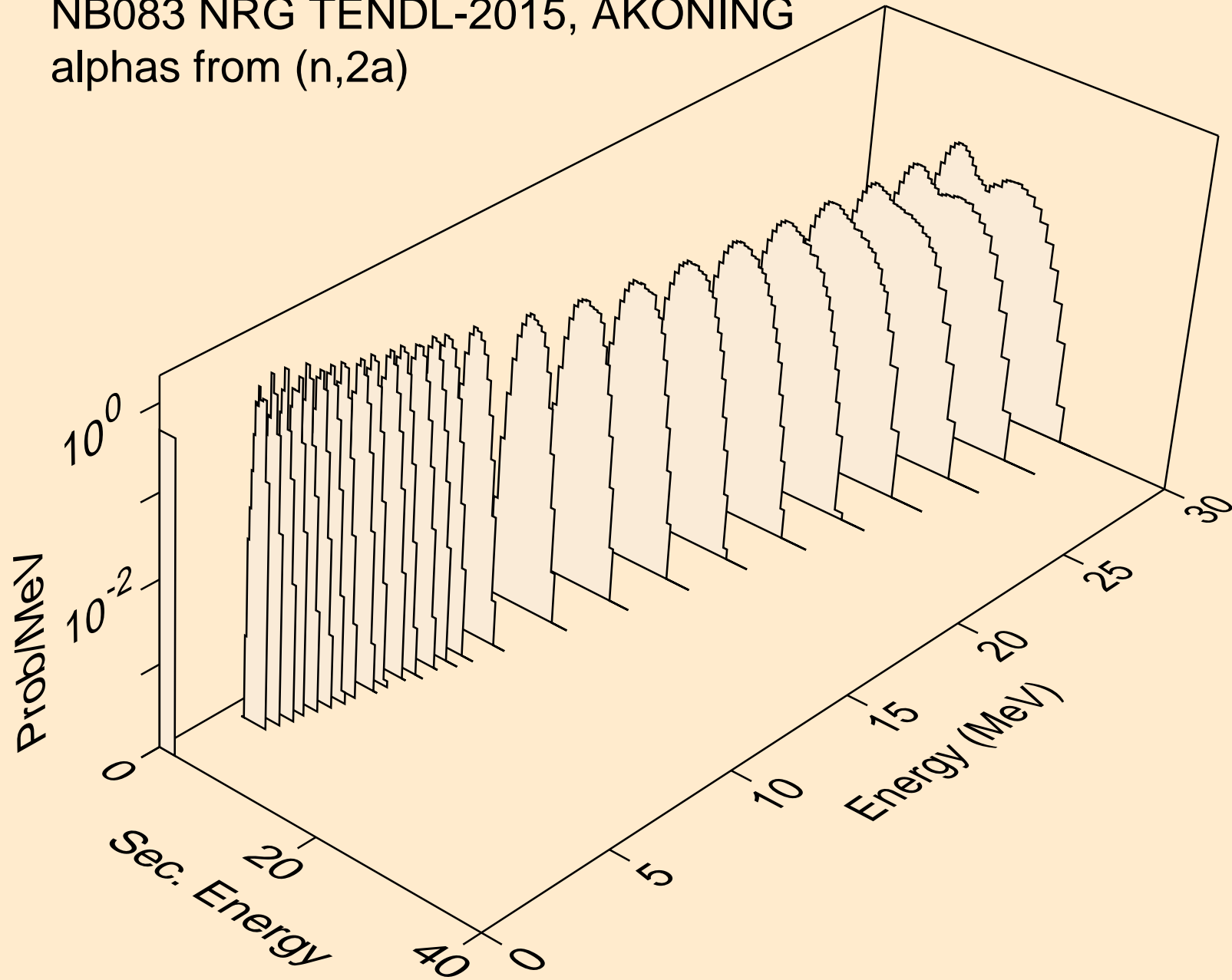
NB083 NRG TENDL-2015, AKONING  
alphas from (n,npa)



NB083 NRG TENDL-2015, AKONING  
alphas from (n,a)

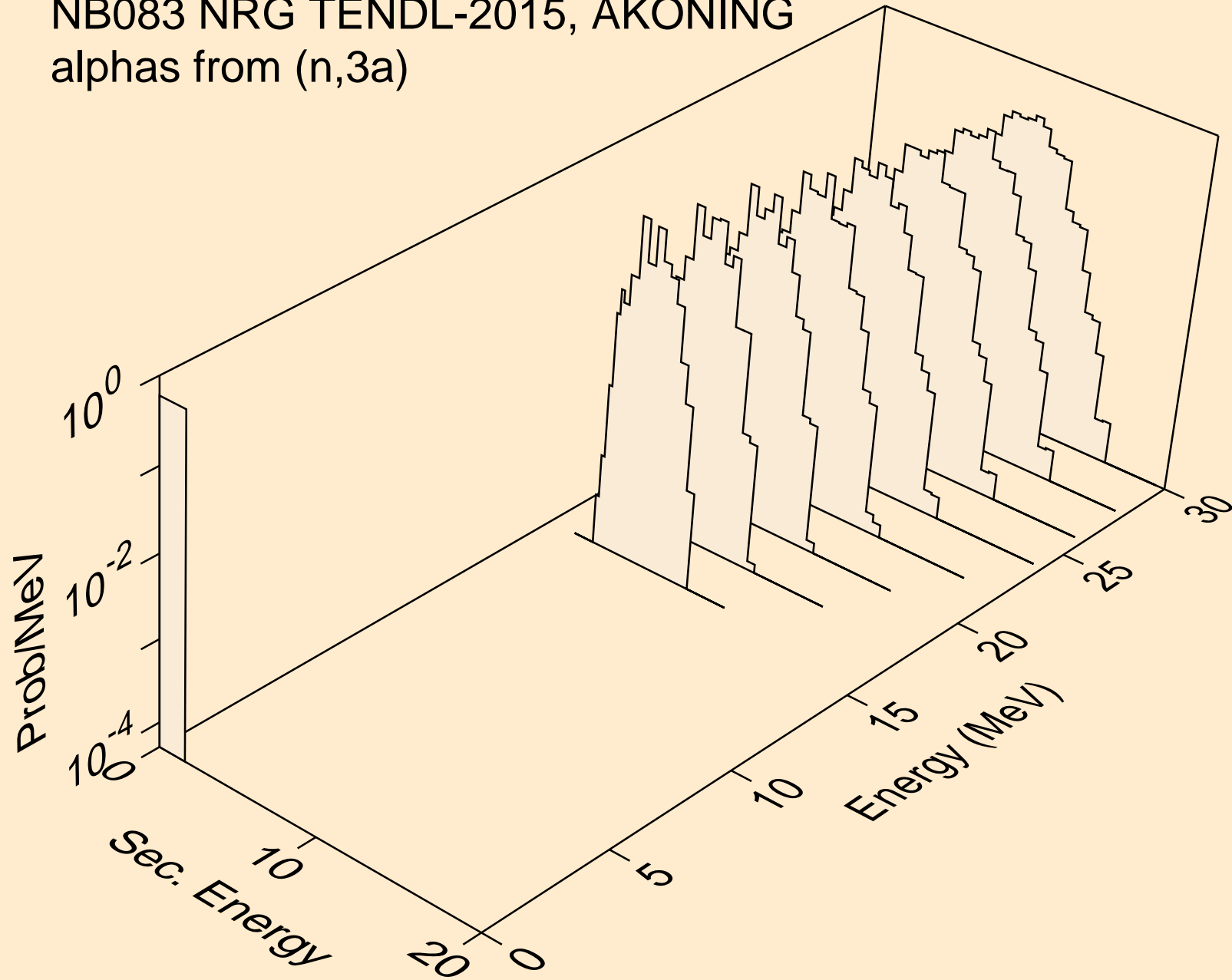


NB083 NRG TENDL-2015, AKONING  
alphas from (n,2a)

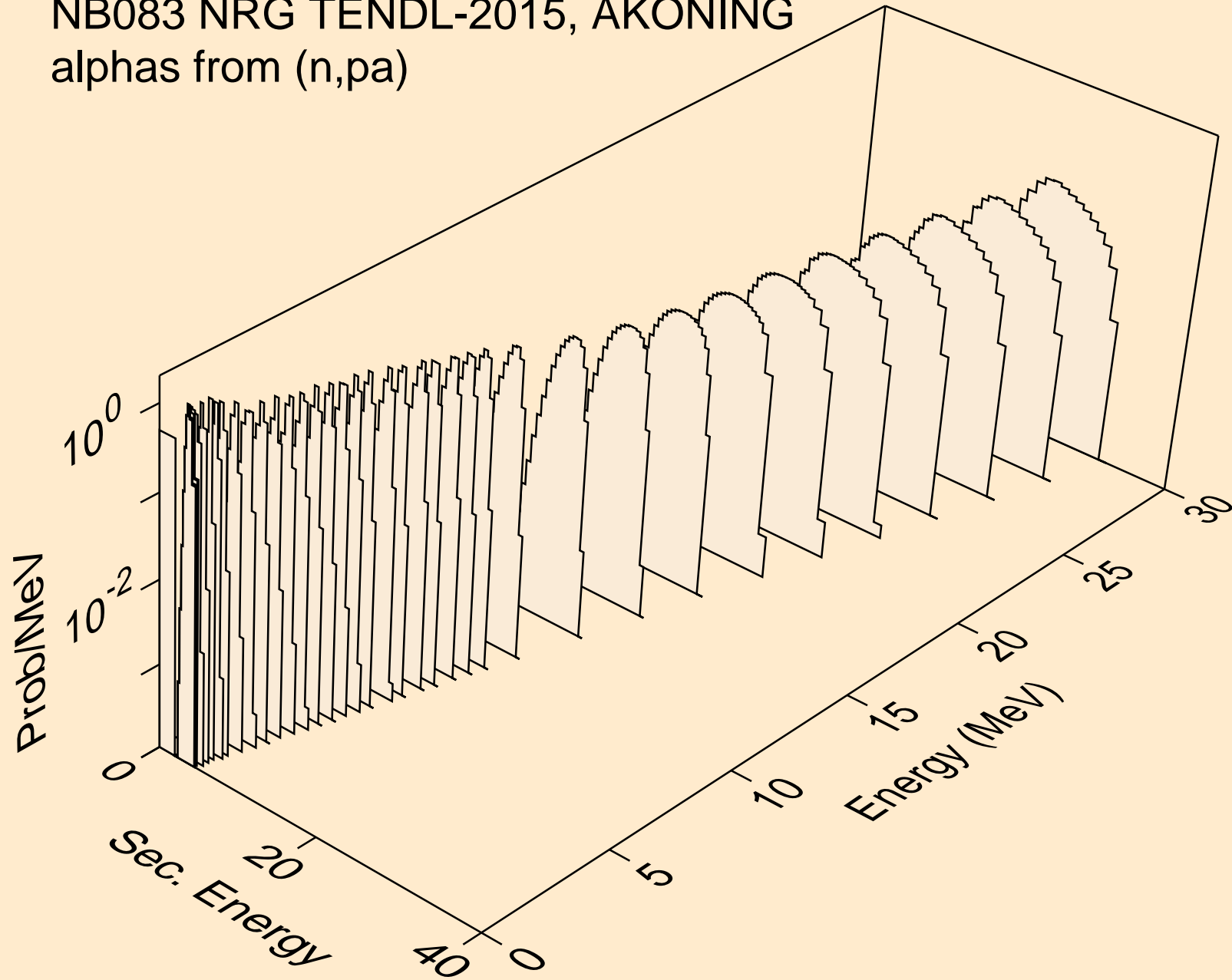




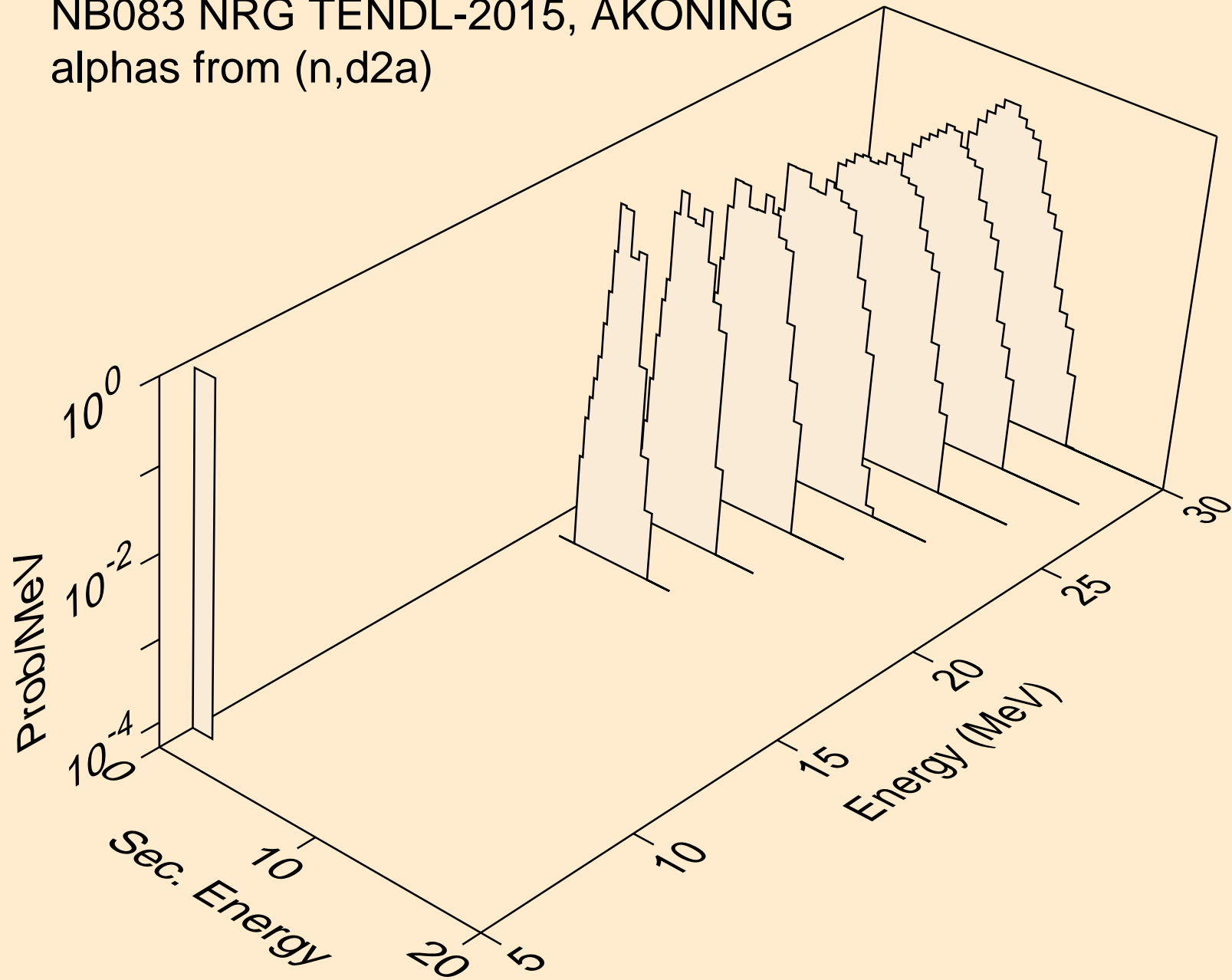
NB083 NRG TENDL-2015, AKONING  
alphas from (n,3a)



NB083 NRG TENDL-2015, AKONING  
alphas from (n,pa)



NB083 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



NB083 NRG TENDL-2015, AKONING  
alphas from (n,da)

