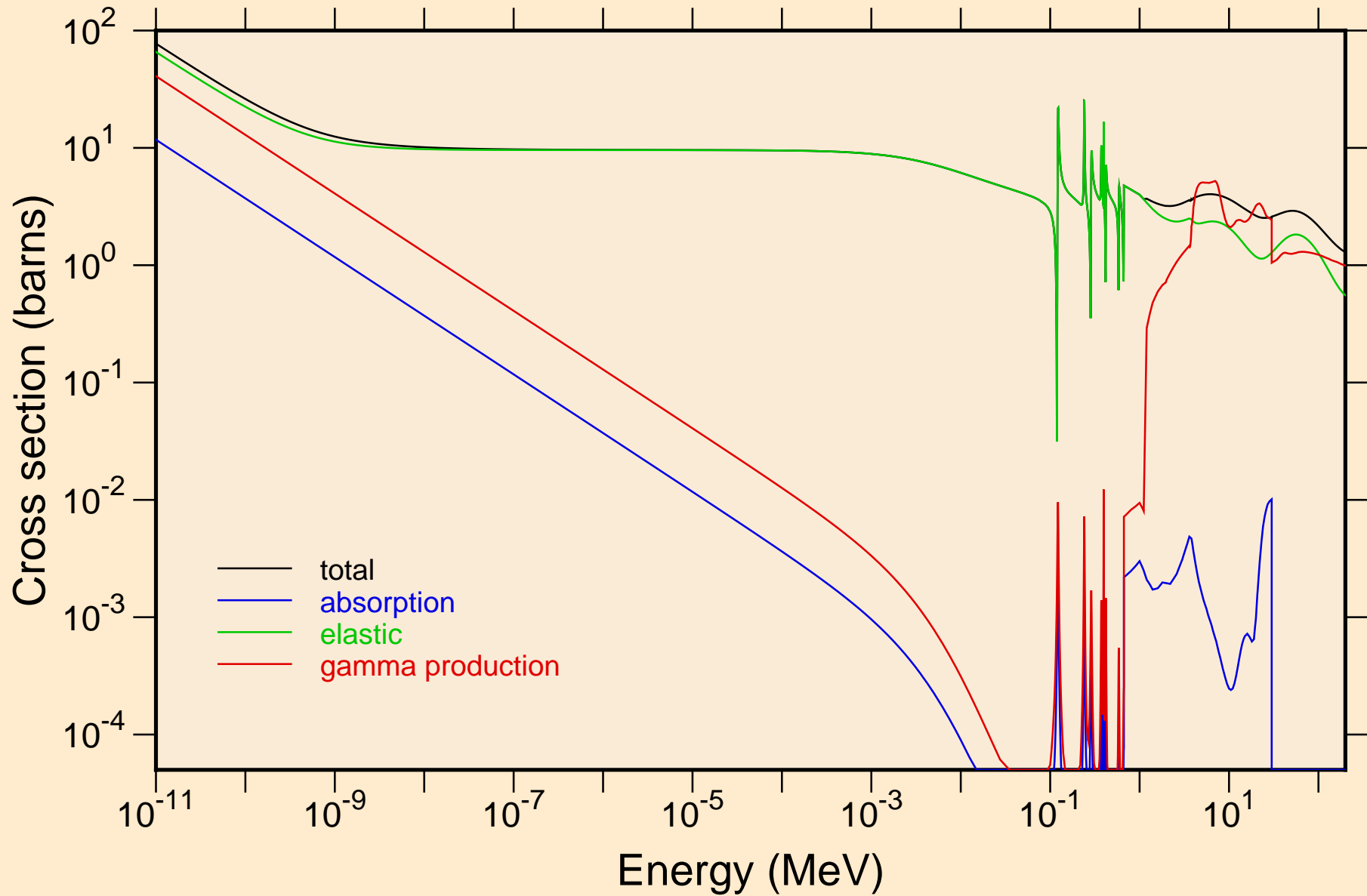
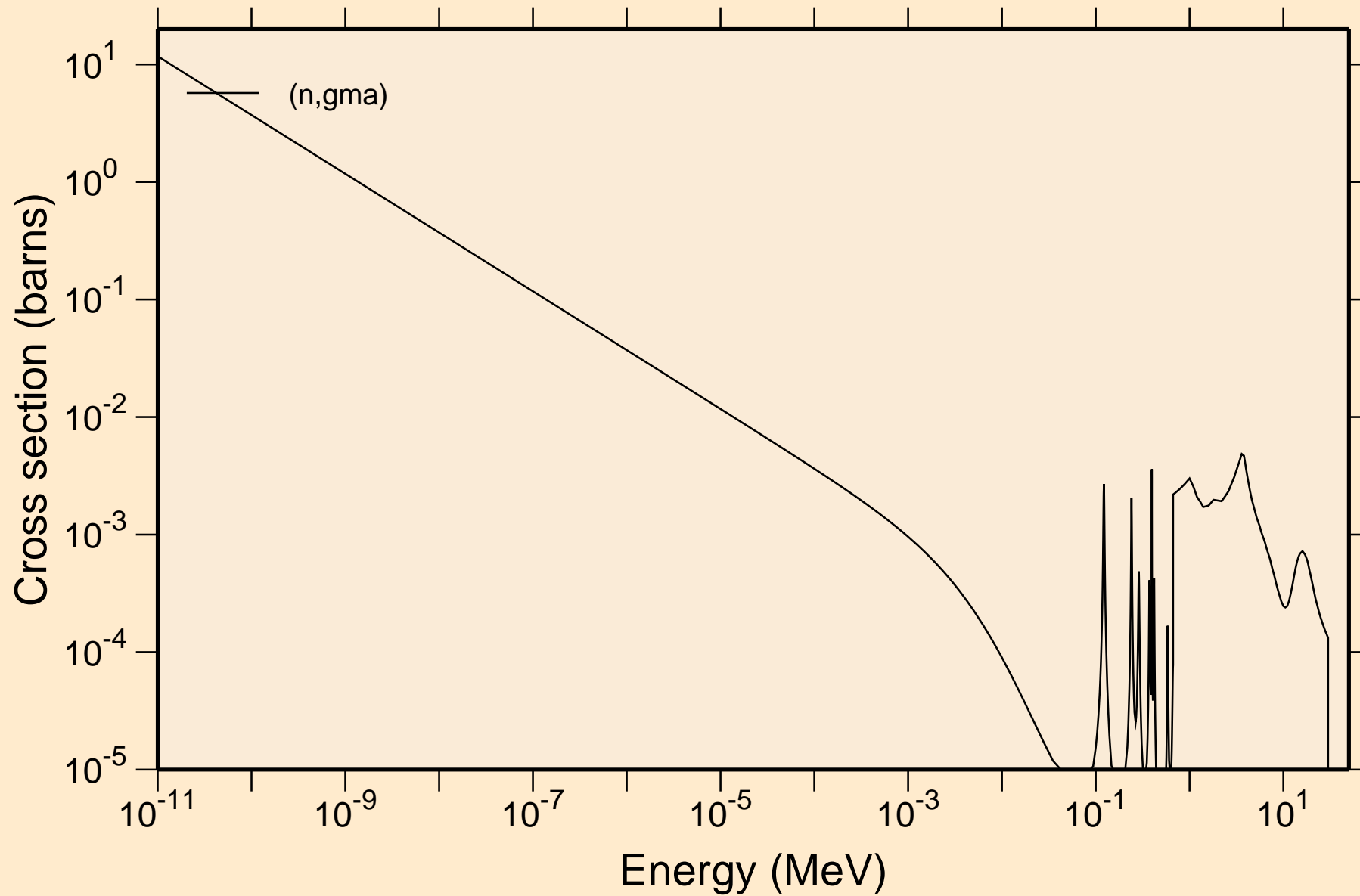


# NI072 NRG TENDL-2015, AKONING

## Principal cross sections

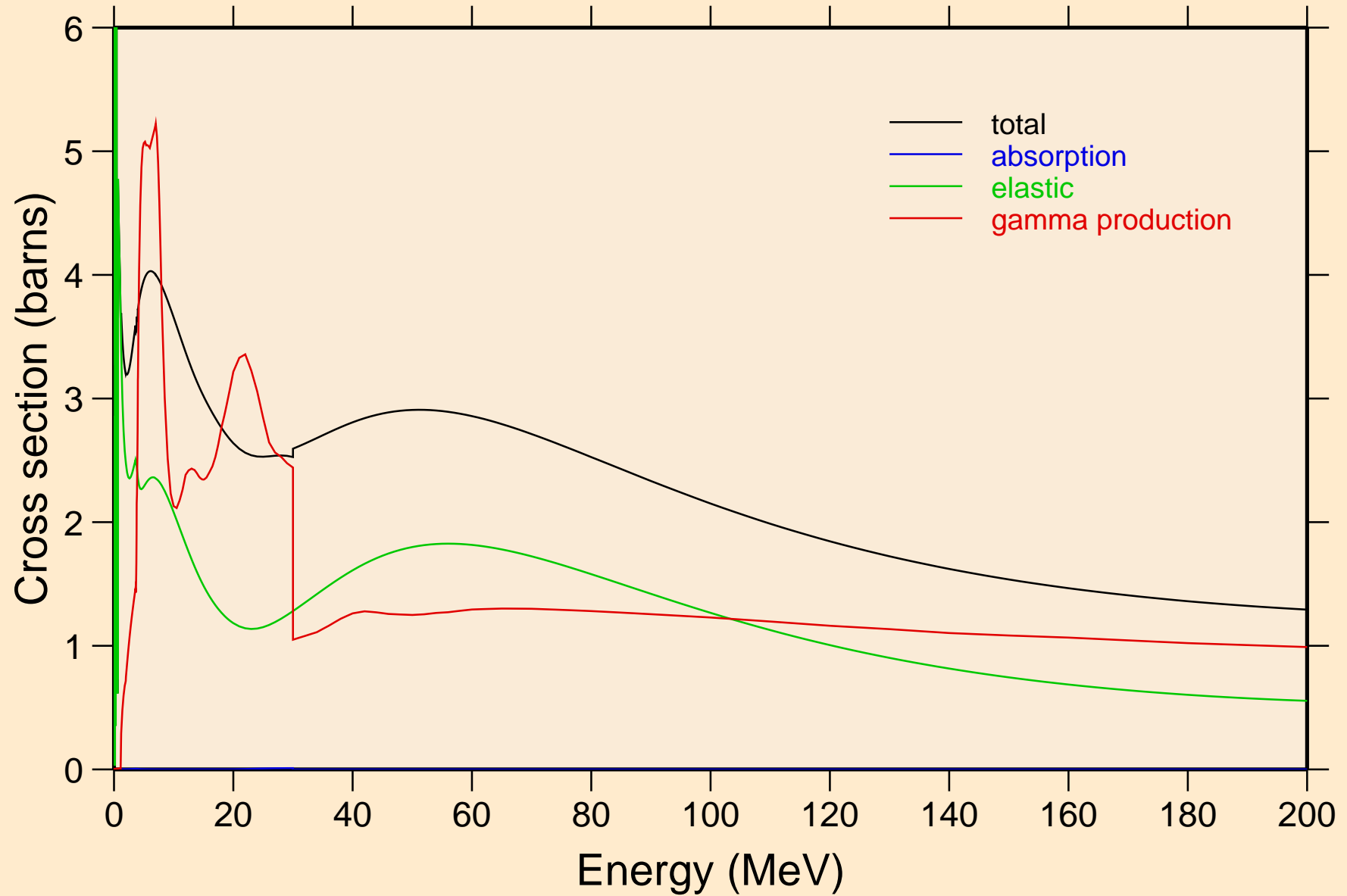


NI072 NRG TENDL-2015, AKONING  
Non-threshold reactions



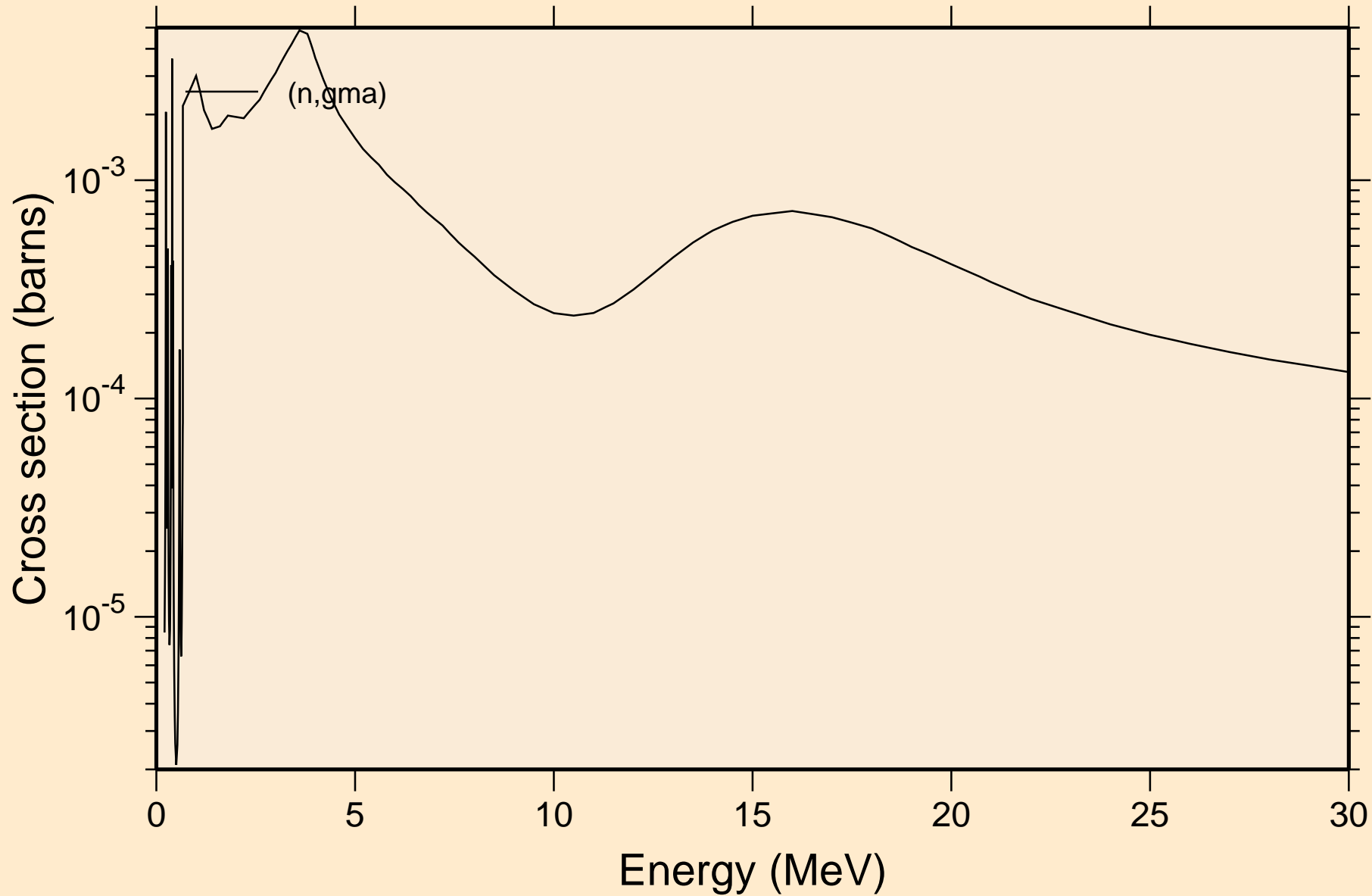
# NI072 NRG TENDL-2015, AKONING

## Principal cross sections



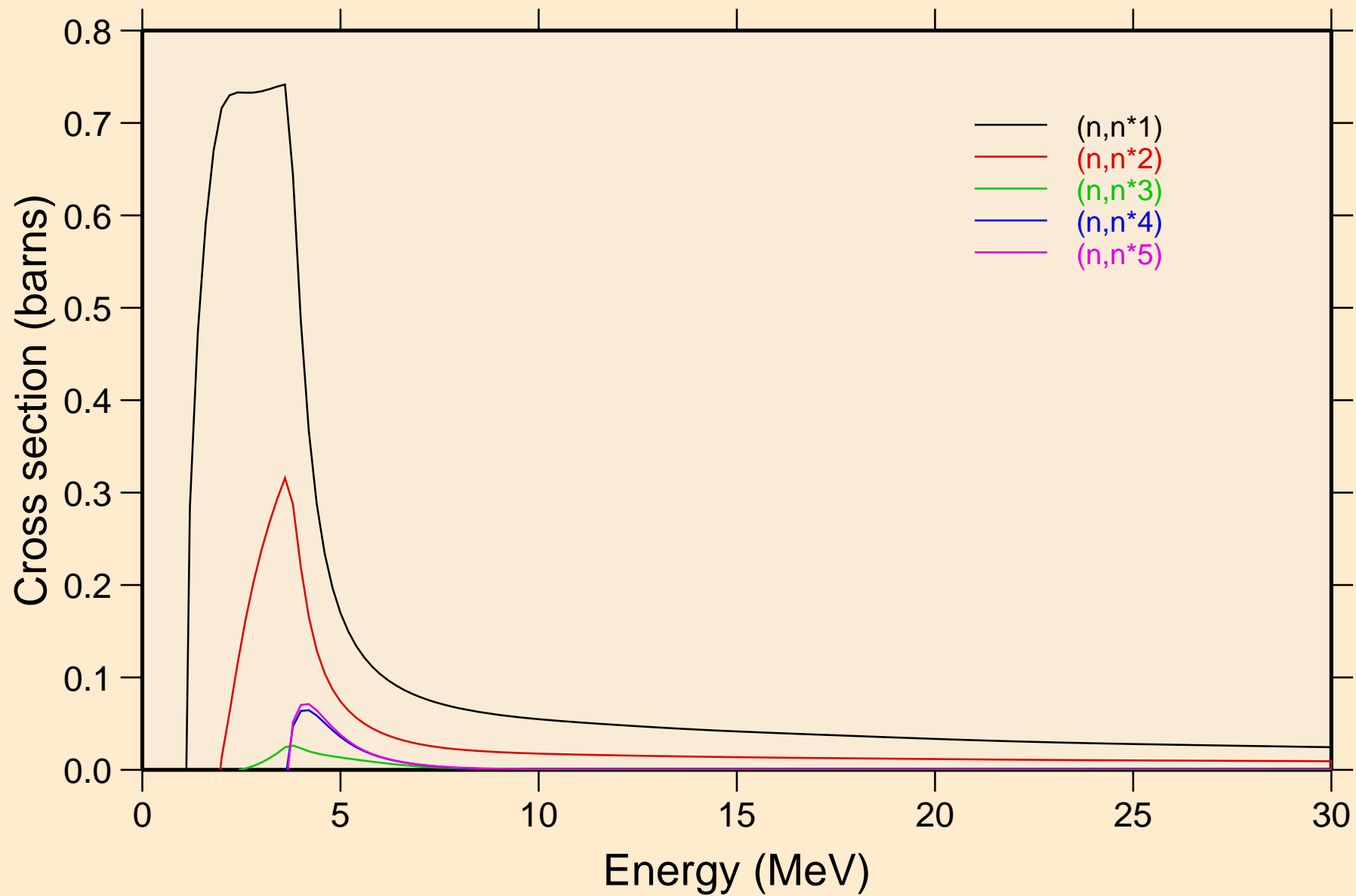
# NI072 NRG TENDL-2015, AKONING

## Non-threshold reactions

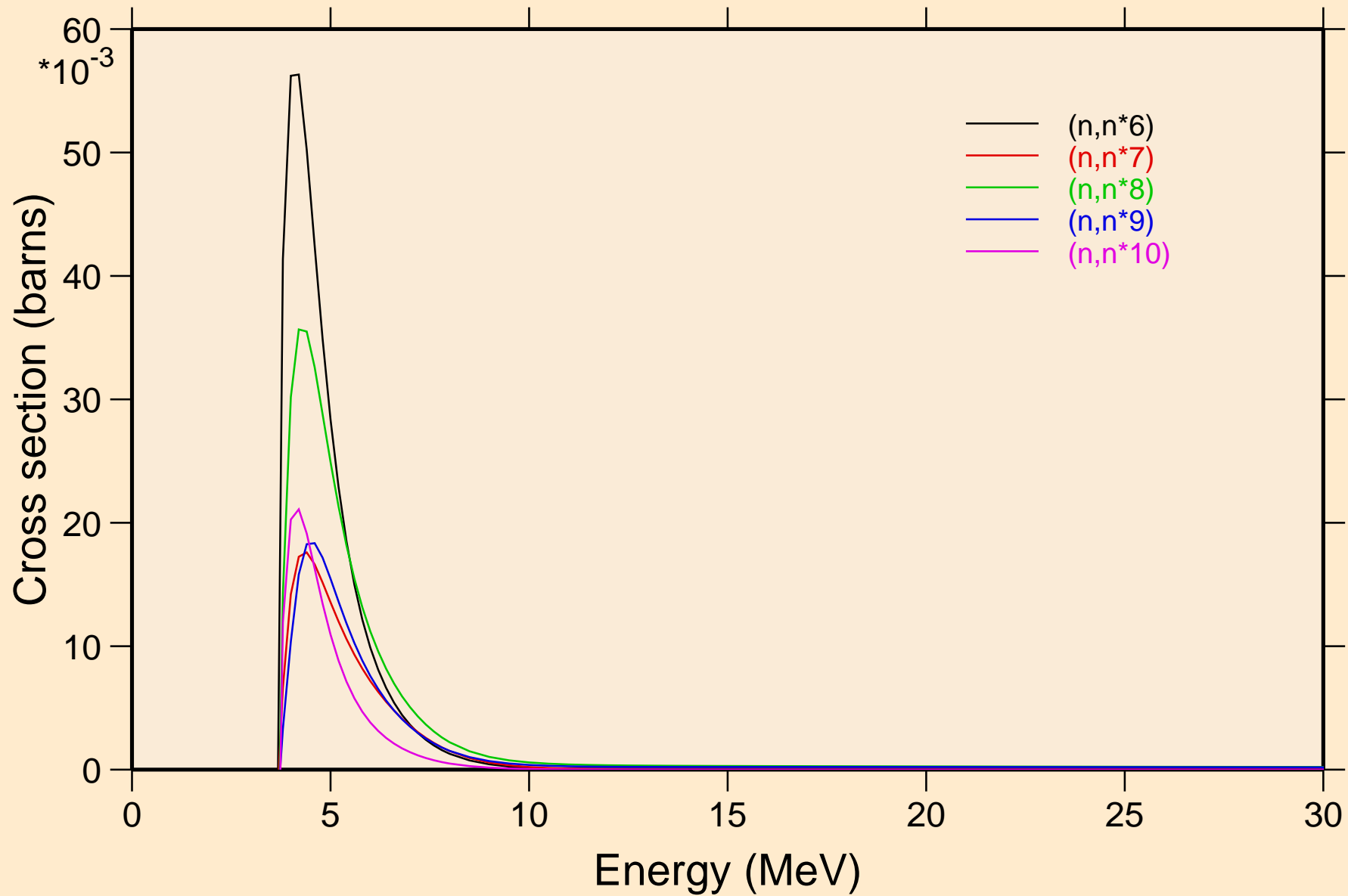


# NI072 NRG TENDL-2015, AKONING

## Inelastic levels

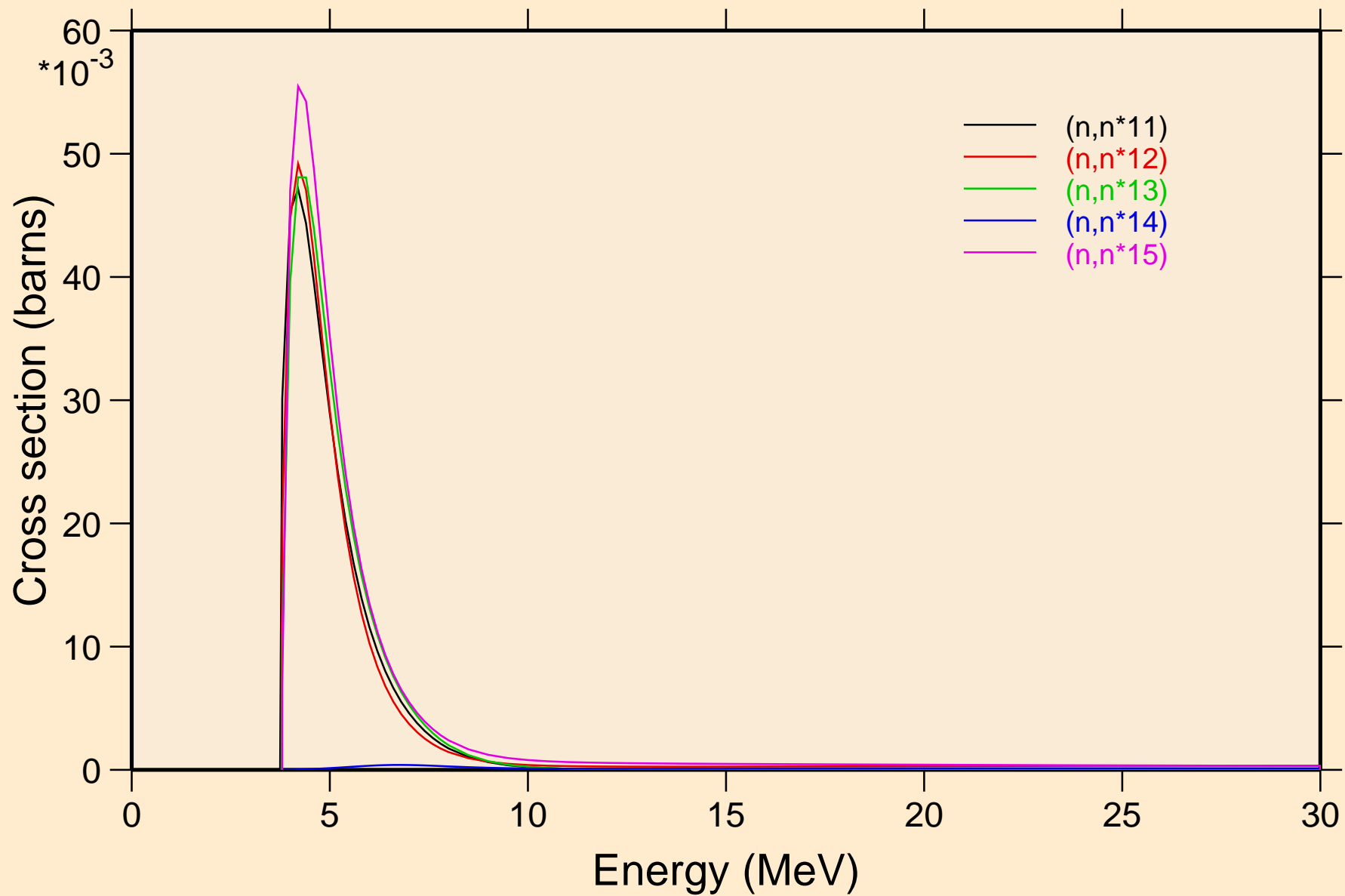


NI072 NRG TENDL-2015, AKONING  
Inelastic levels



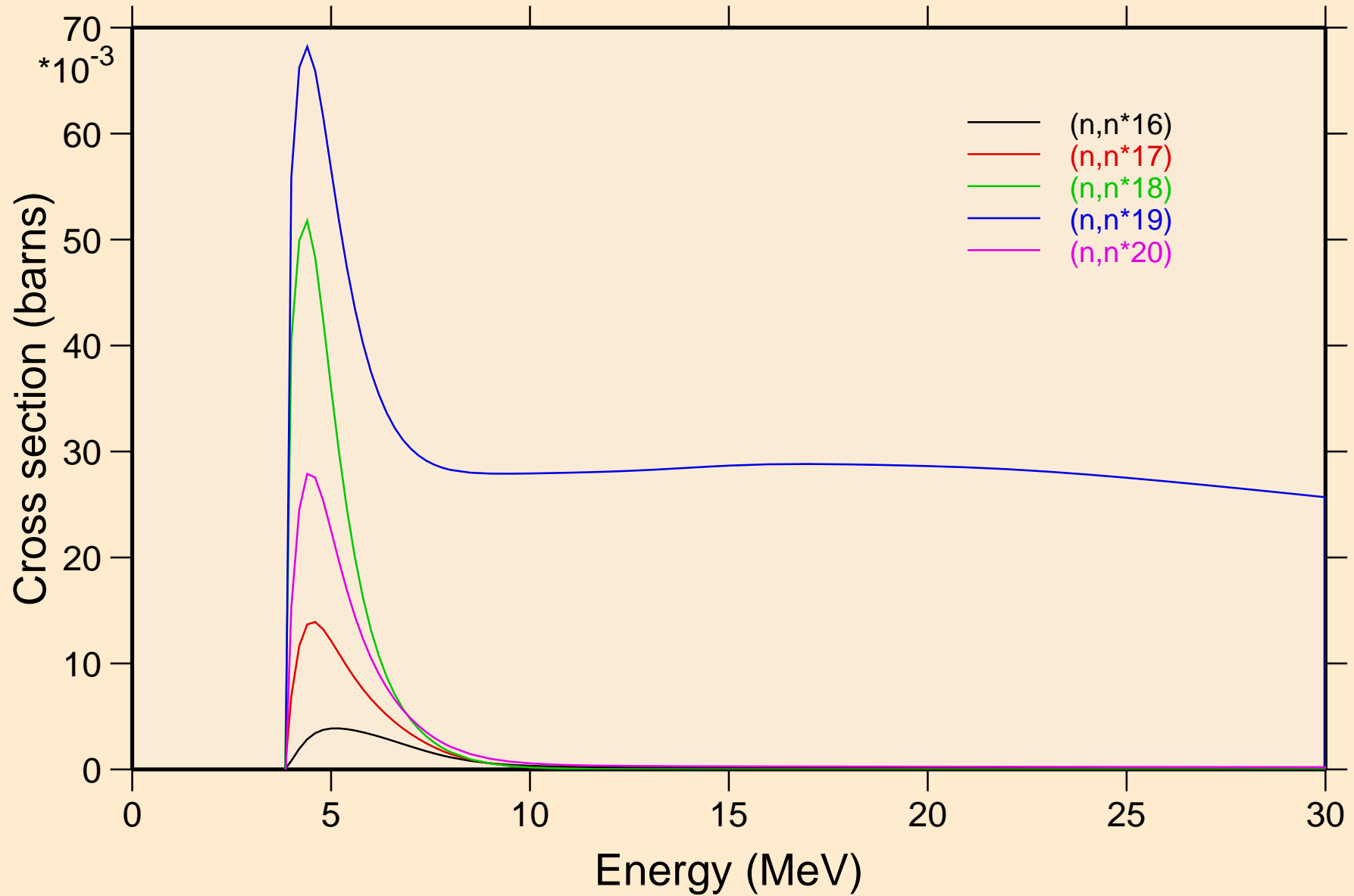
# NI072 NRG TENDL-2015, AKONING

## Inelastic levels



# NI072 NRG TENDL-2015, AKONING

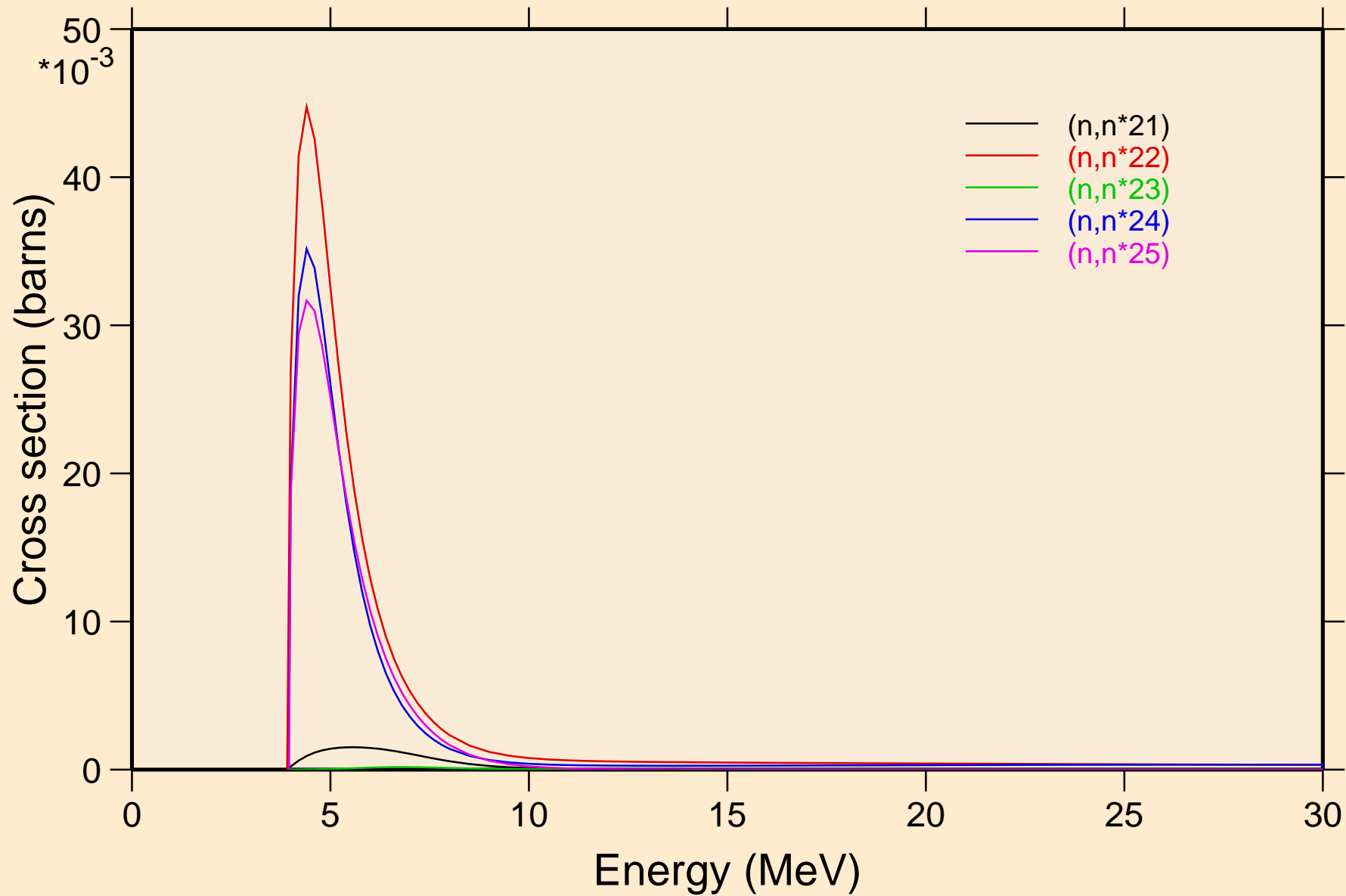
## Inelastic levels





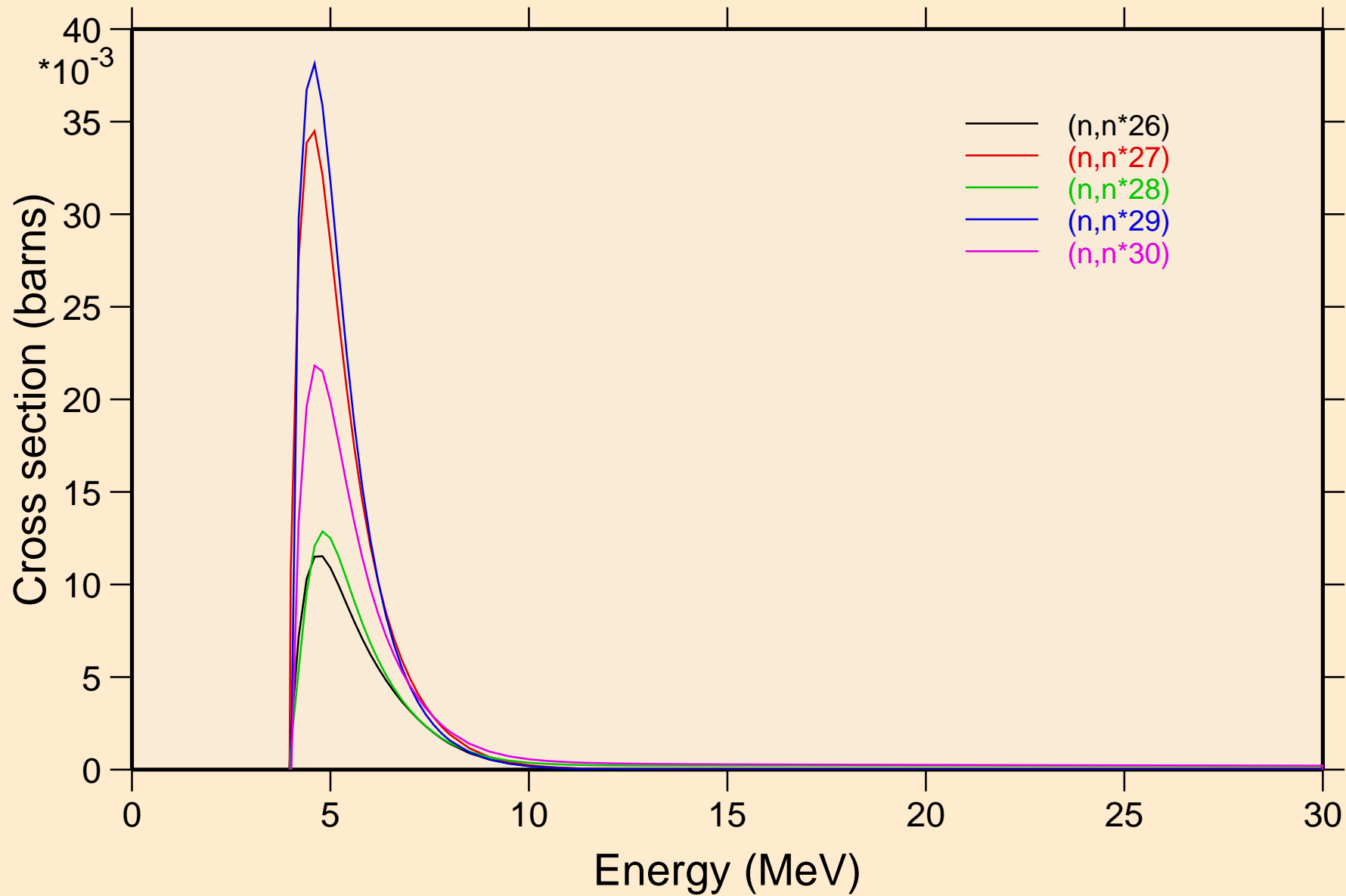
# NI072 NRG TENDL-2015, AKONING

## Inelastic levels



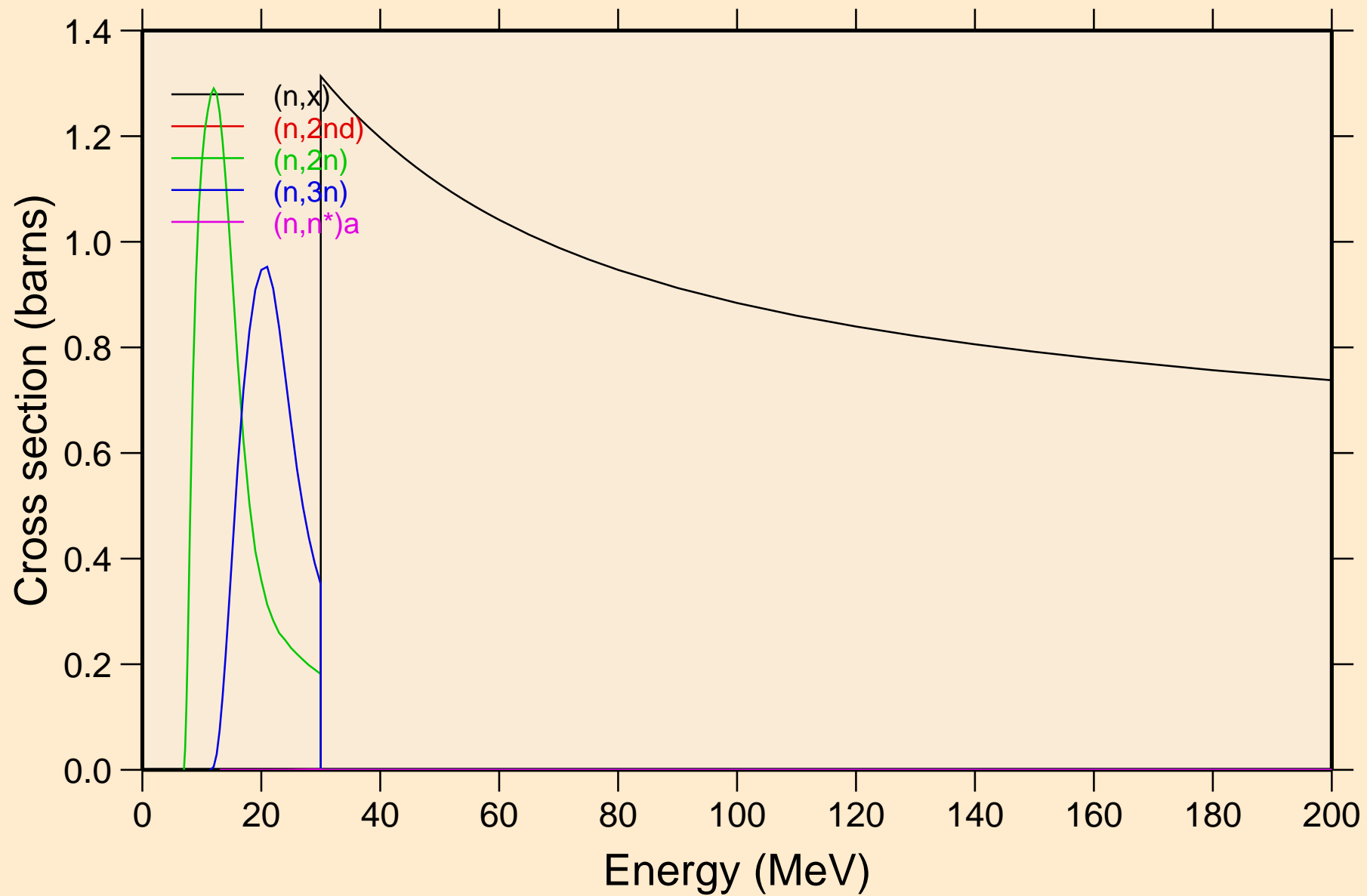
# NI072 NRG TENDL-2015, AKONING

## Inelastic levels



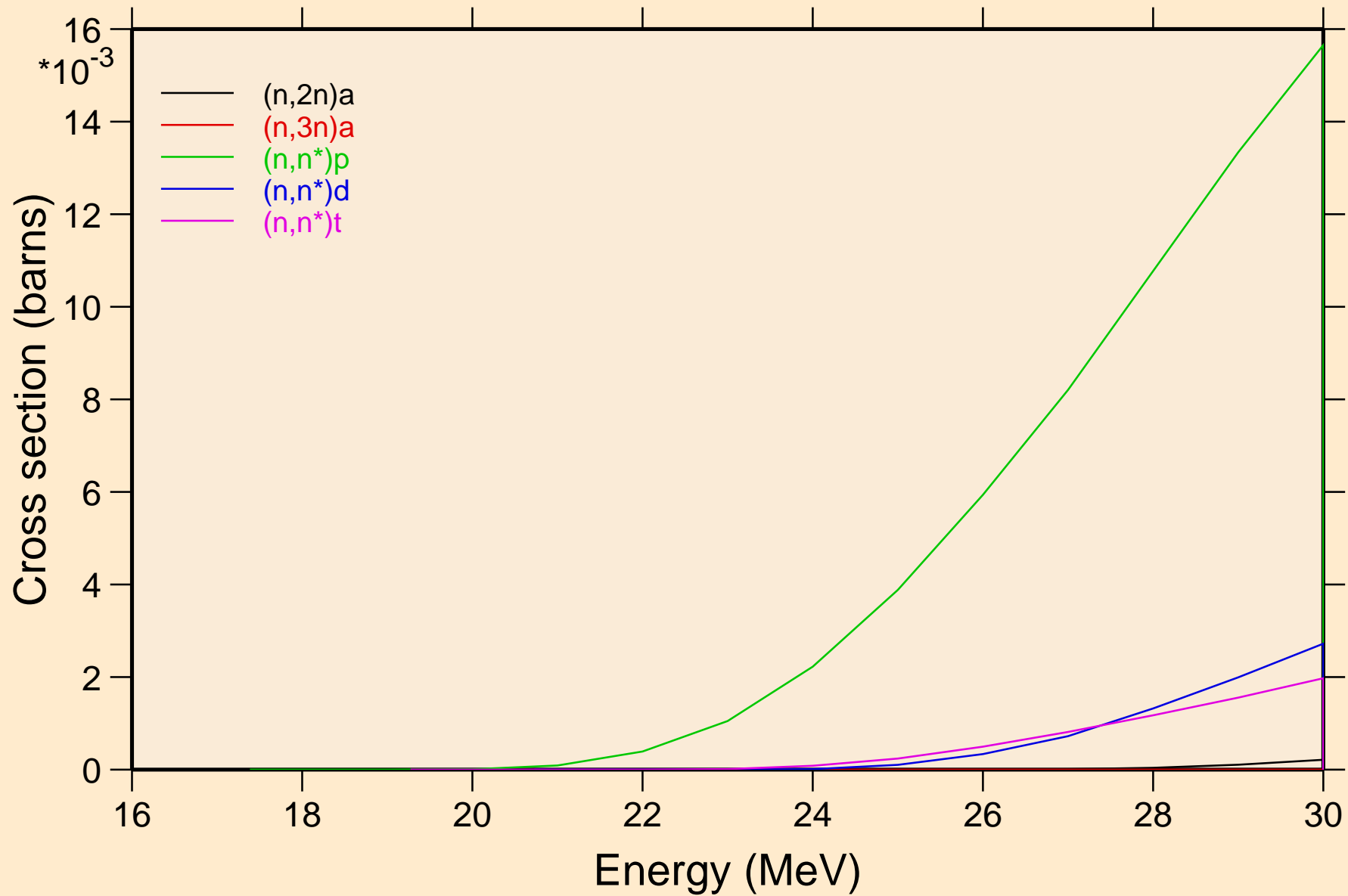
# NI072 NRG TENDL-2015, AKONING

## Threshold reactions



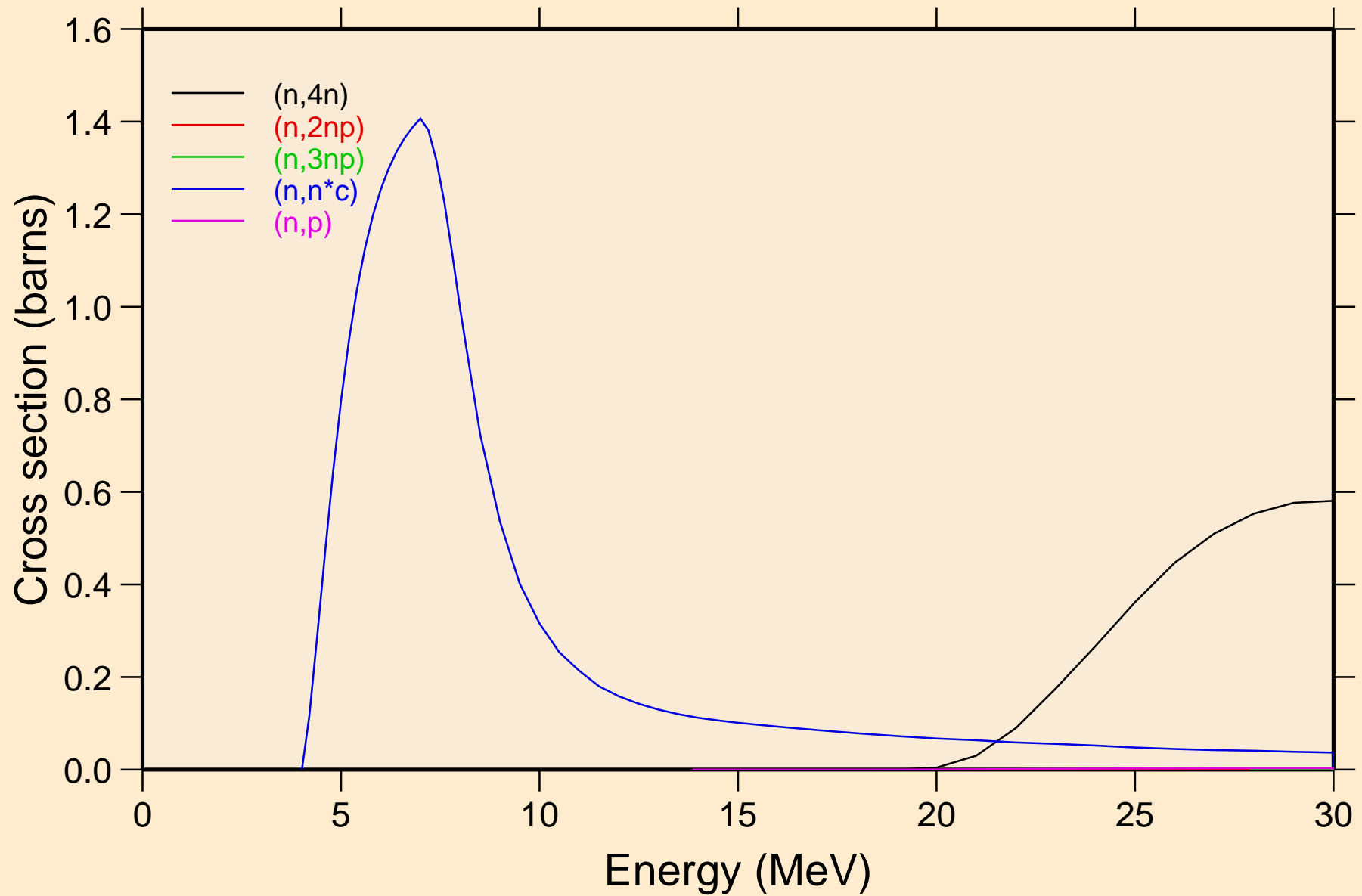
# NI072 NRG TENDL-2015, AKONING

## Threshold reactions



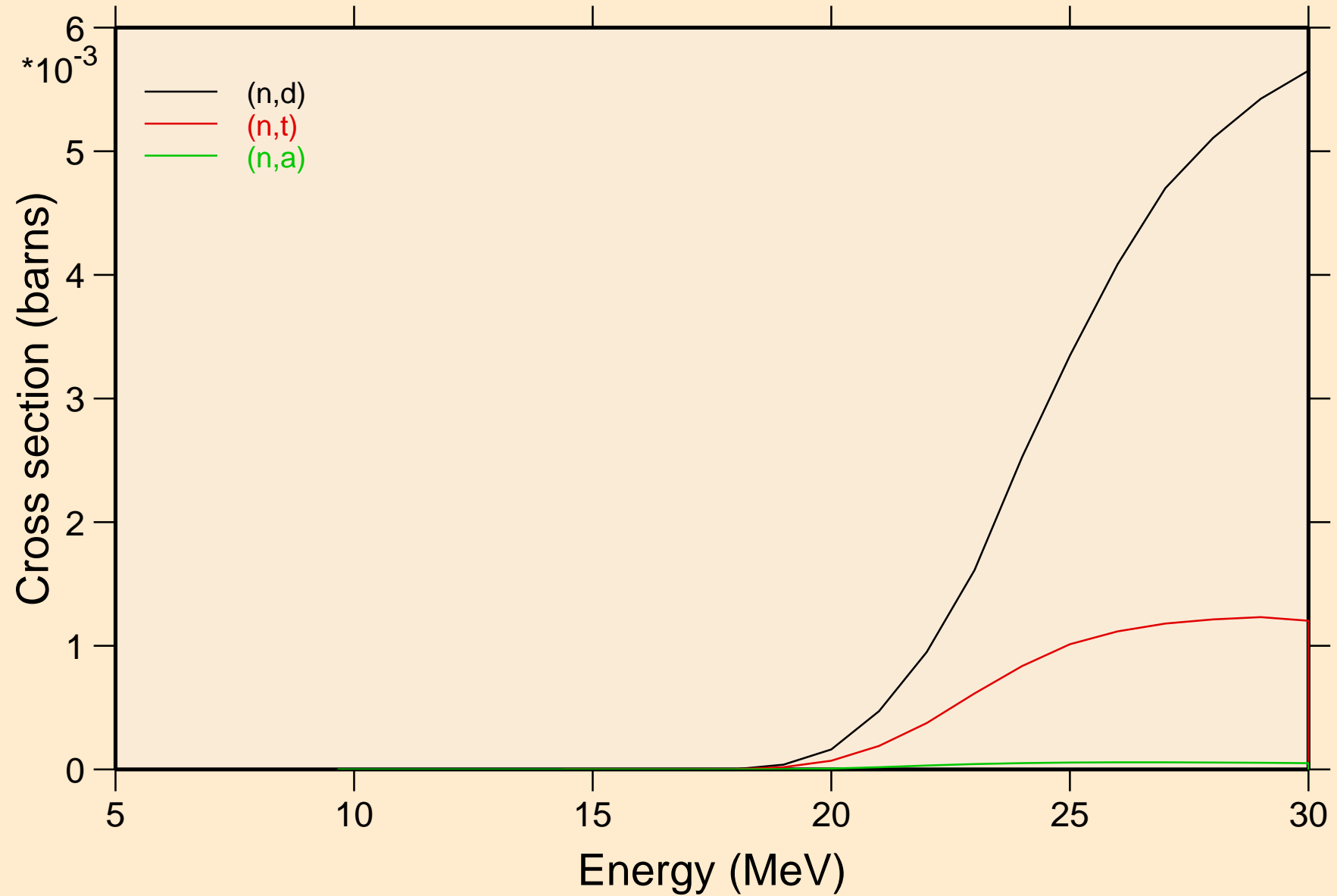
# NI072 NRG TENDL-2015, AKONING

## Threshold reactions

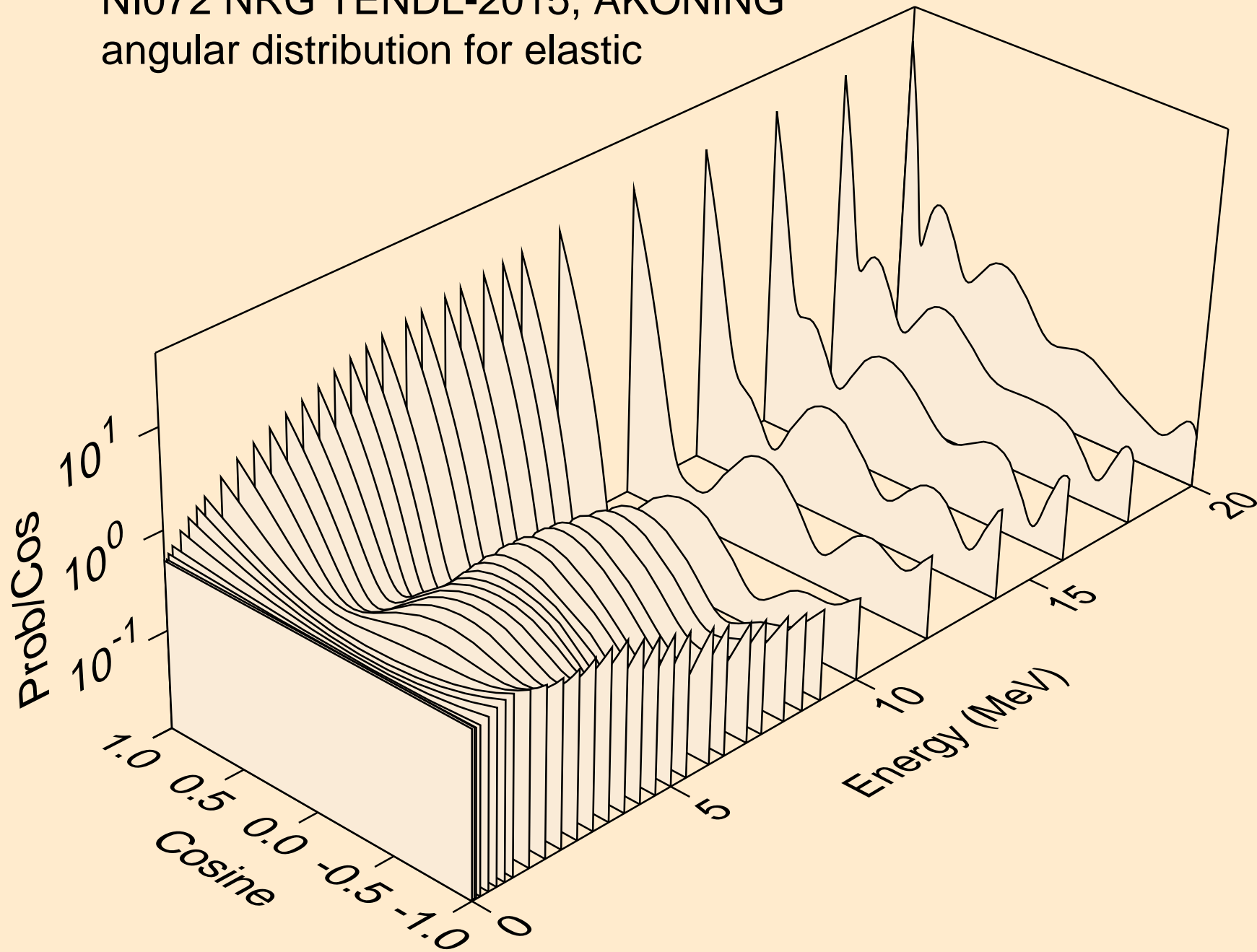


# NI072 NRG TENDL-2015, AKONING

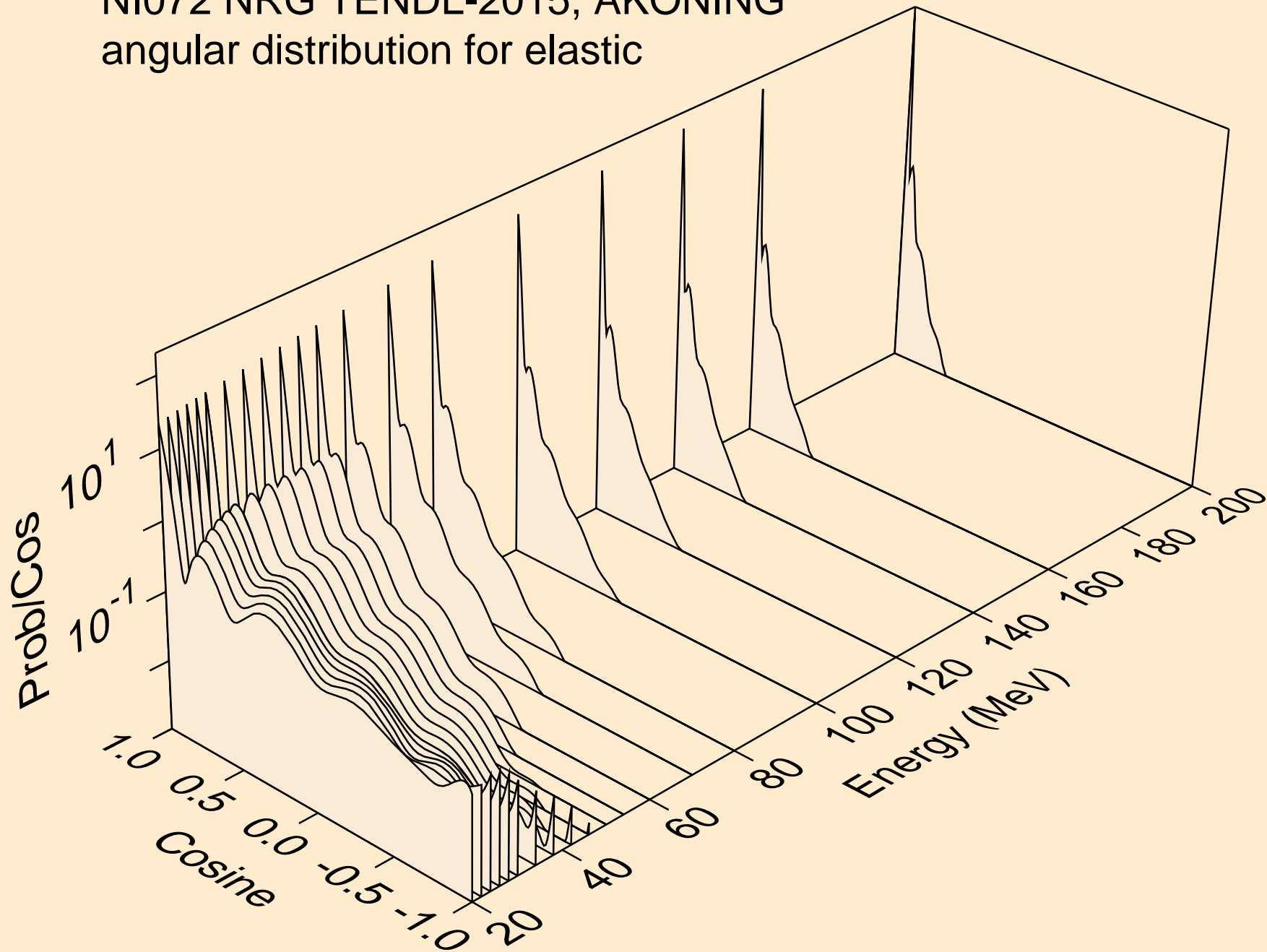
## Threshold reactions



NI072 NRG TENDL-2015, AKONING  
angular distribution for elastic

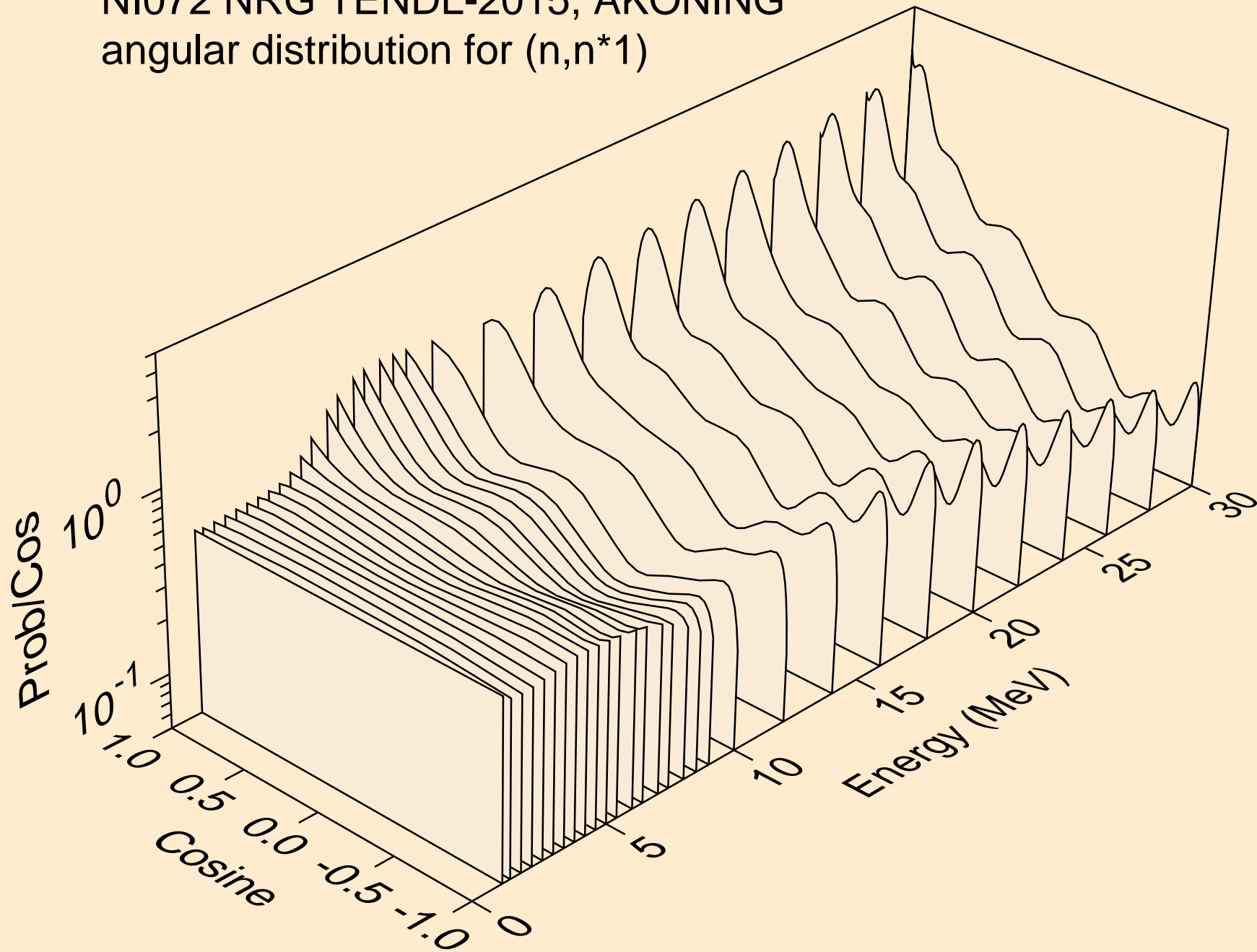


NI072 NRG TENDL-2015, AKONING  
angular distribution for elastic

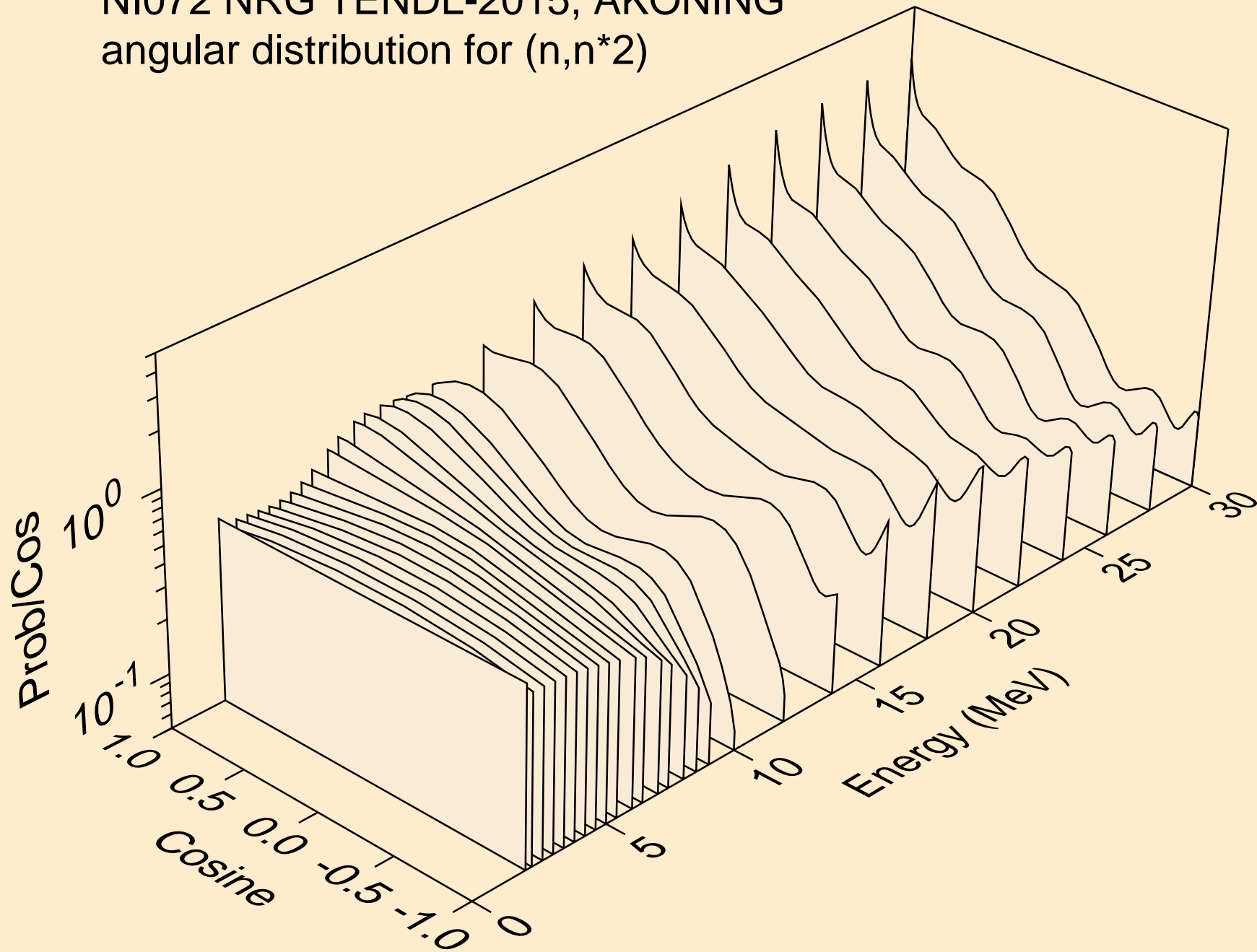




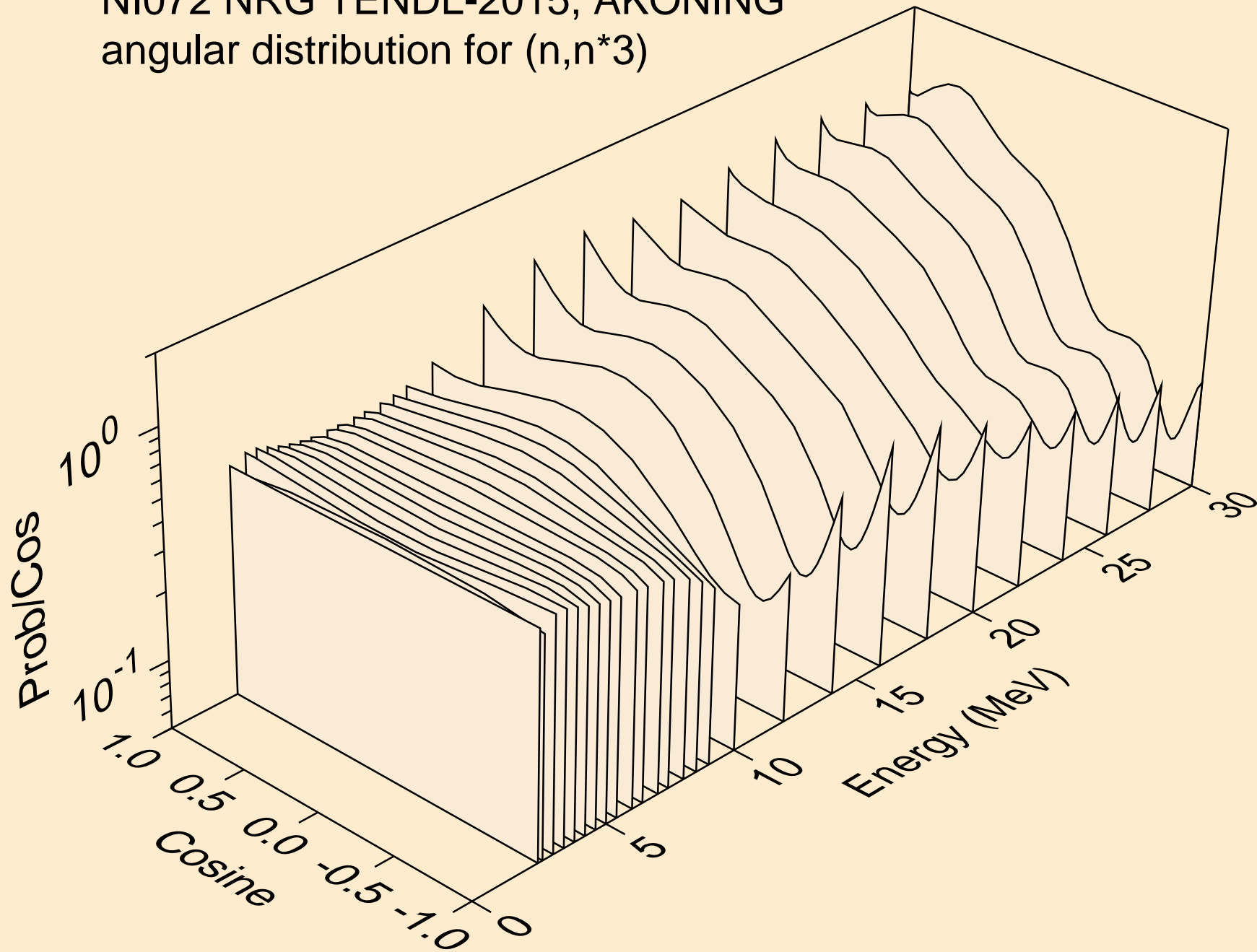
NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



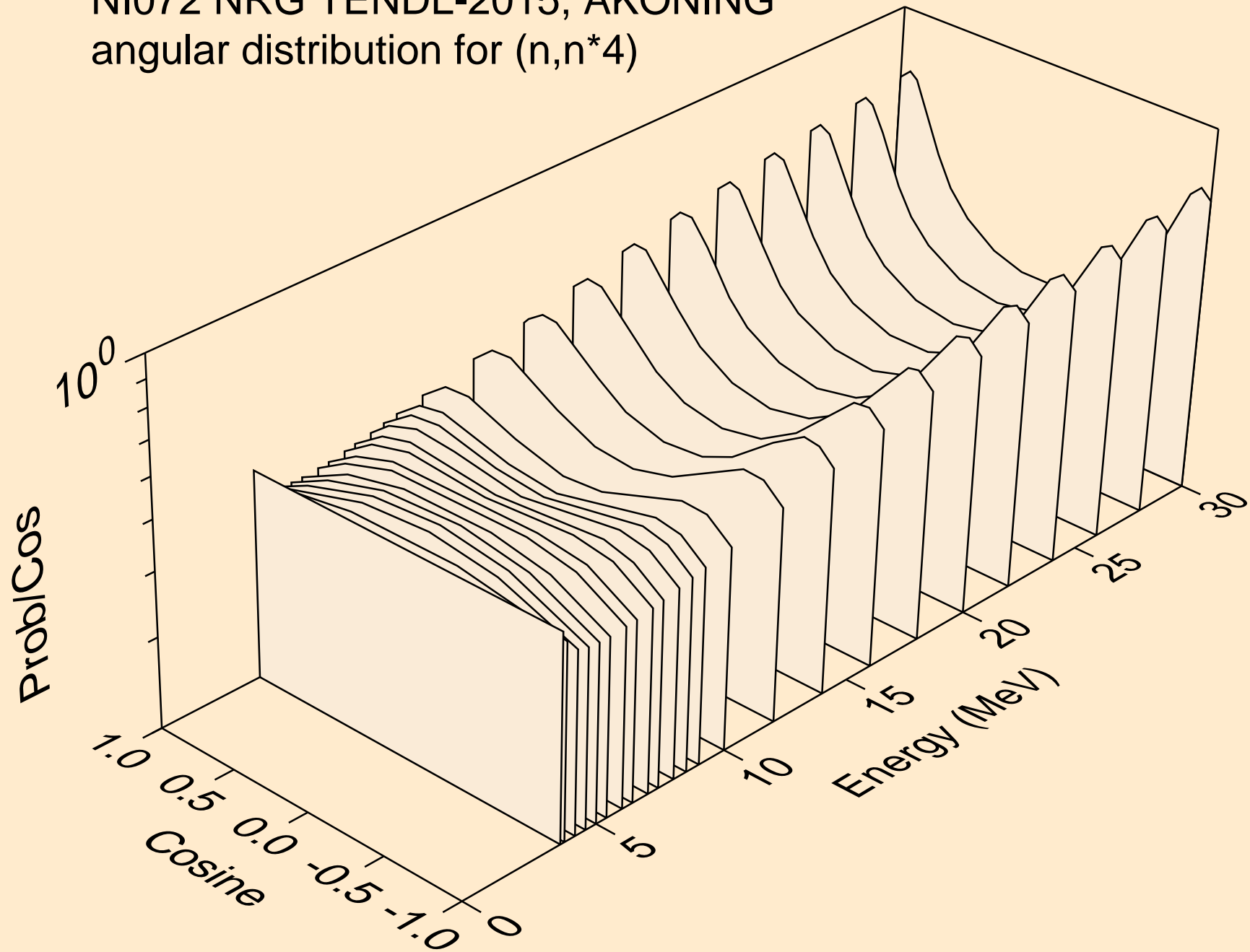
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angular distribution for (n,n\*2)



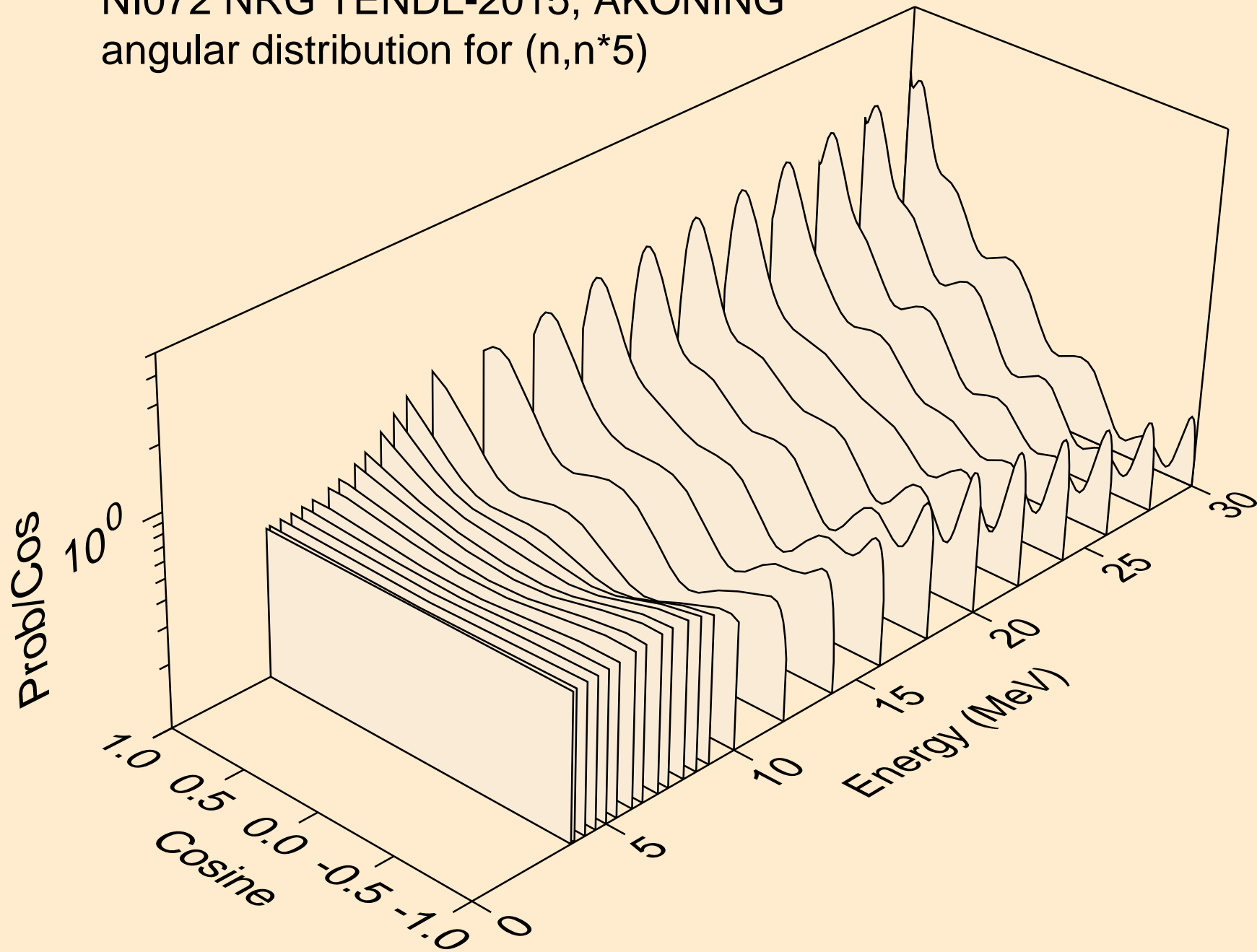
NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



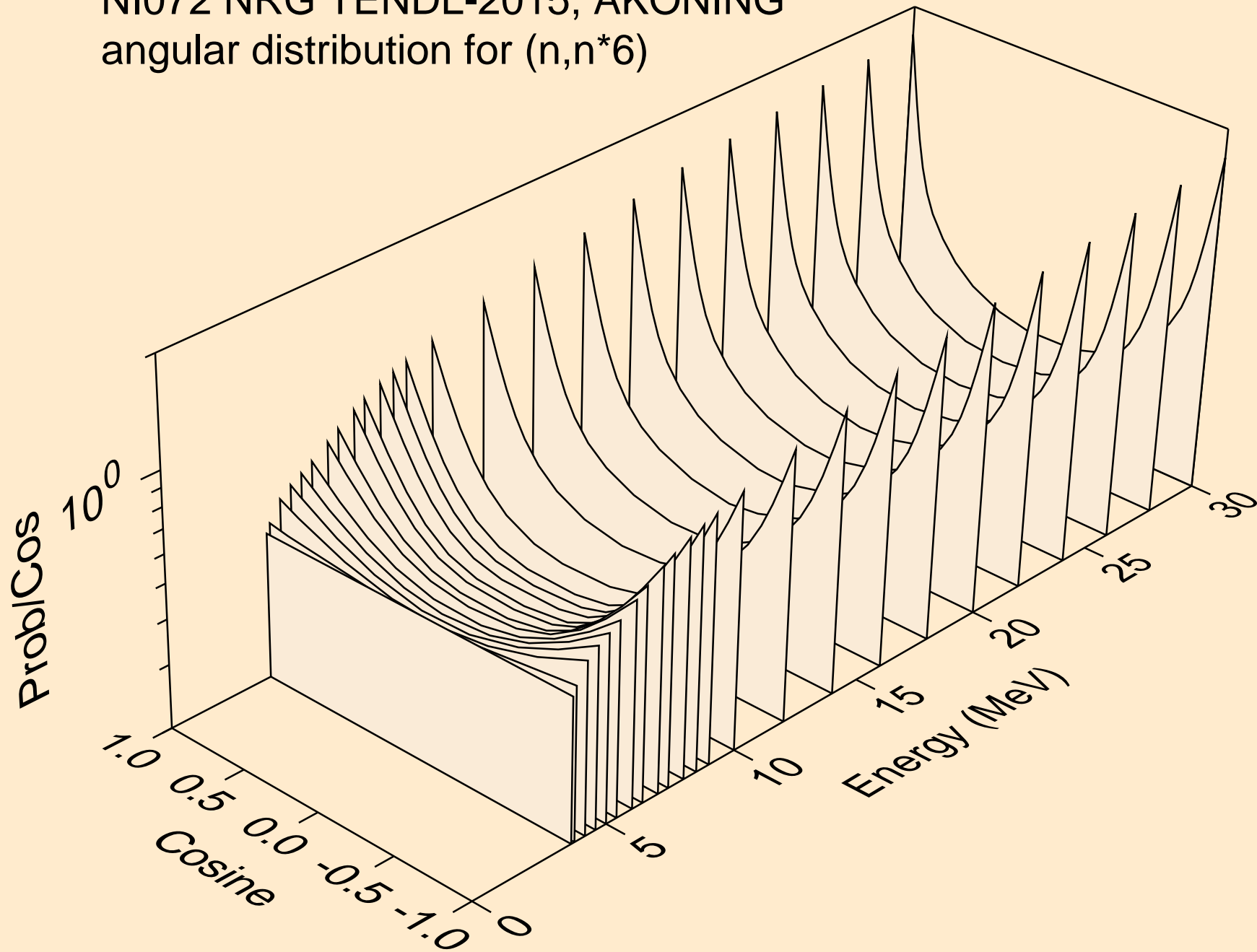
NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



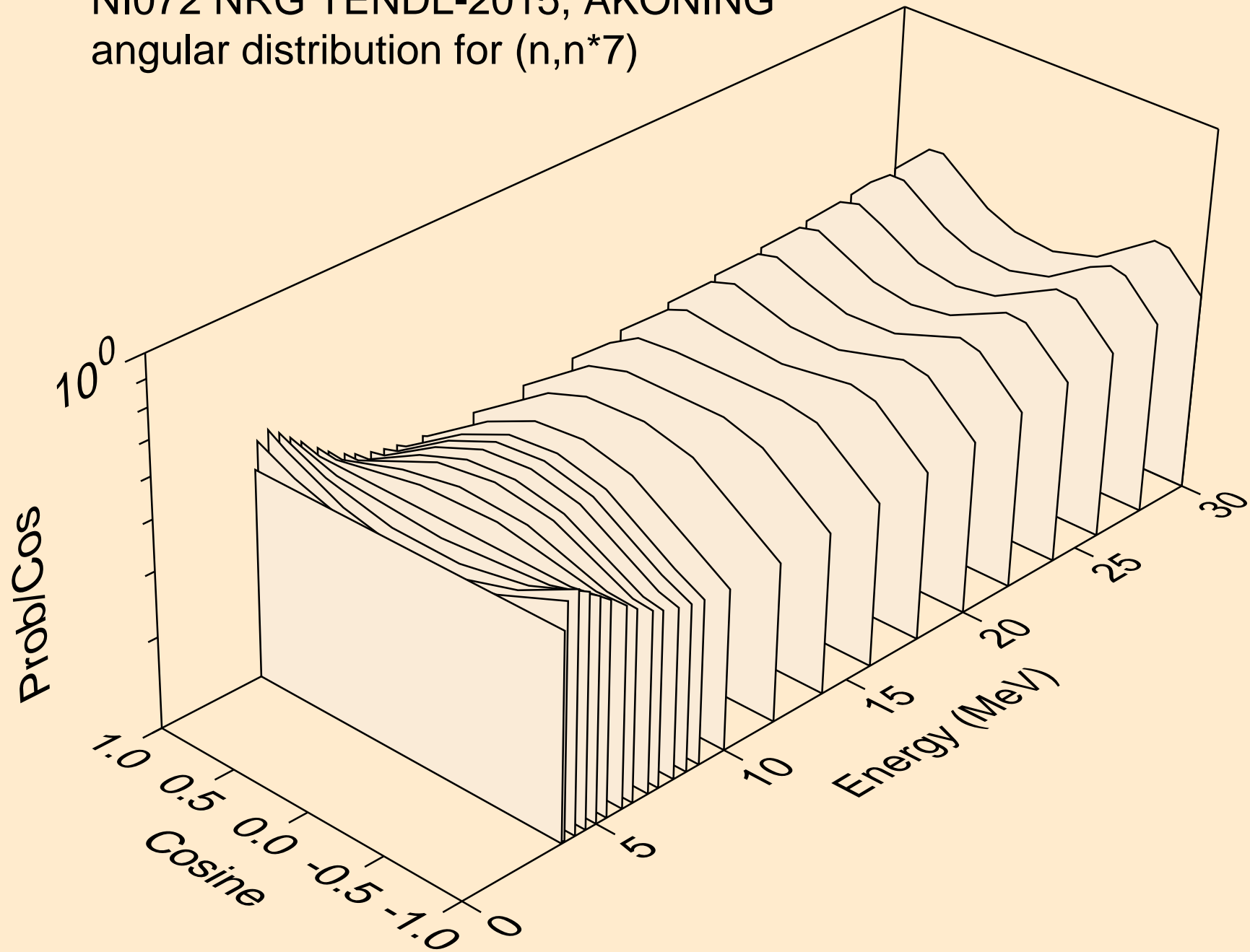
NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



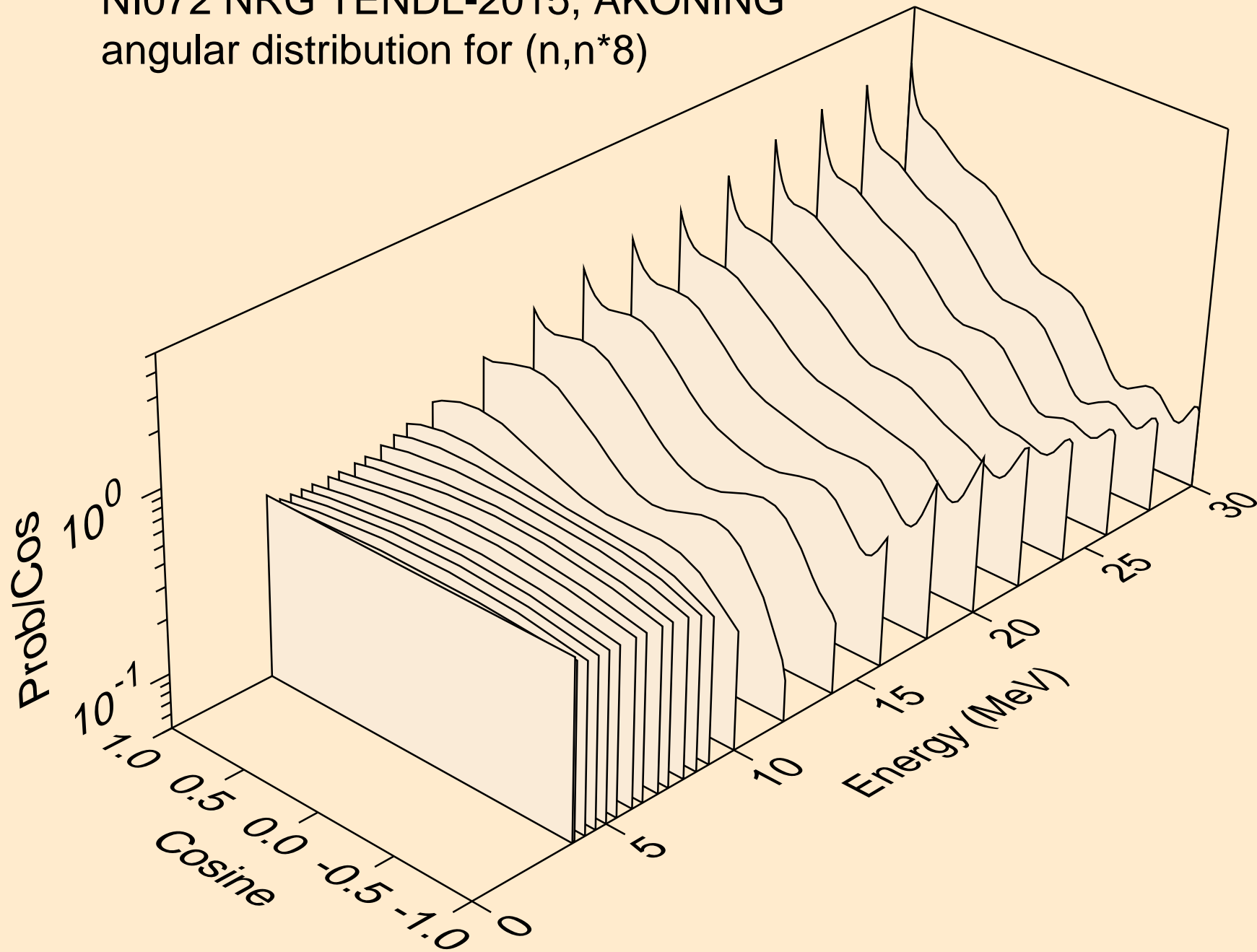
NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

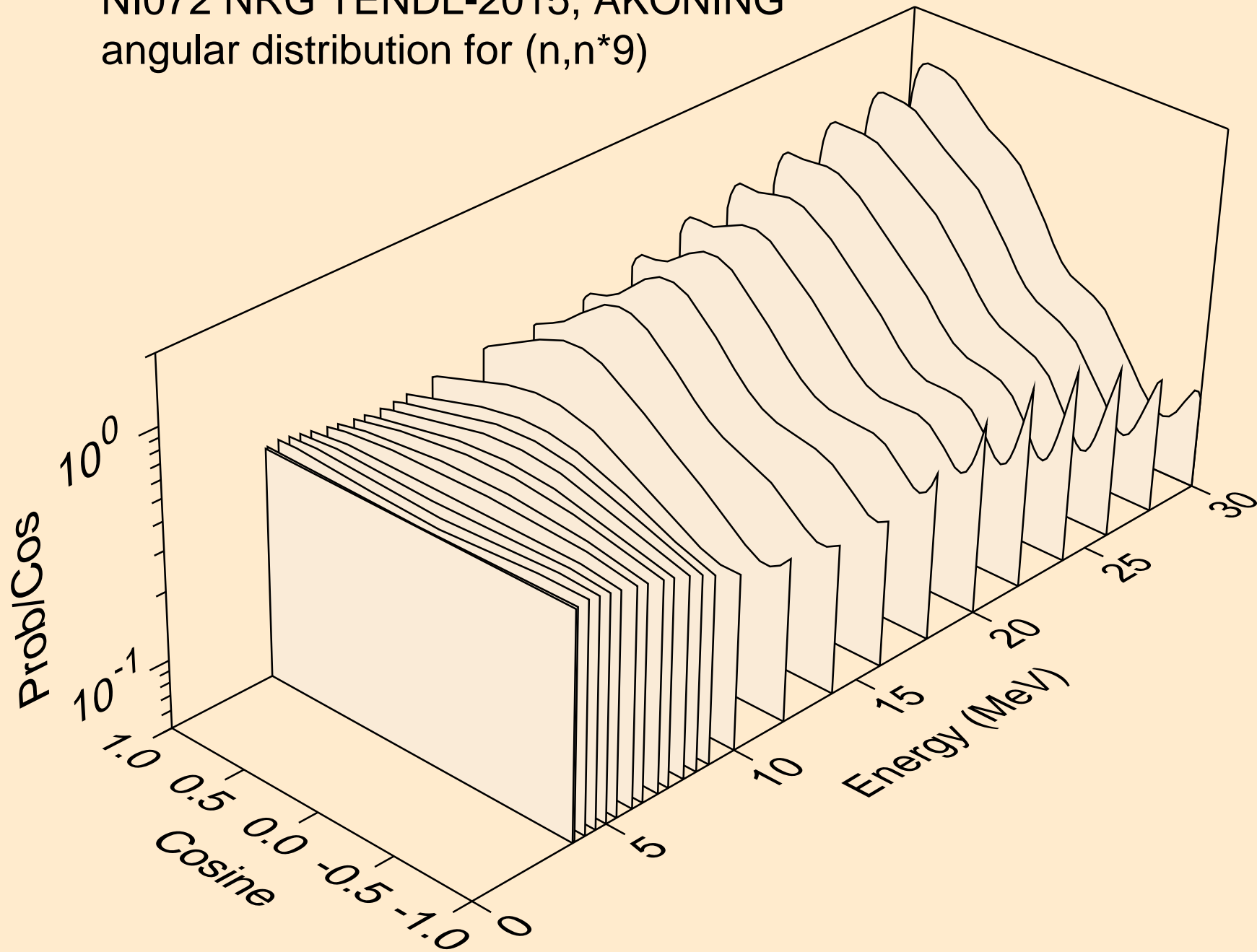


NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

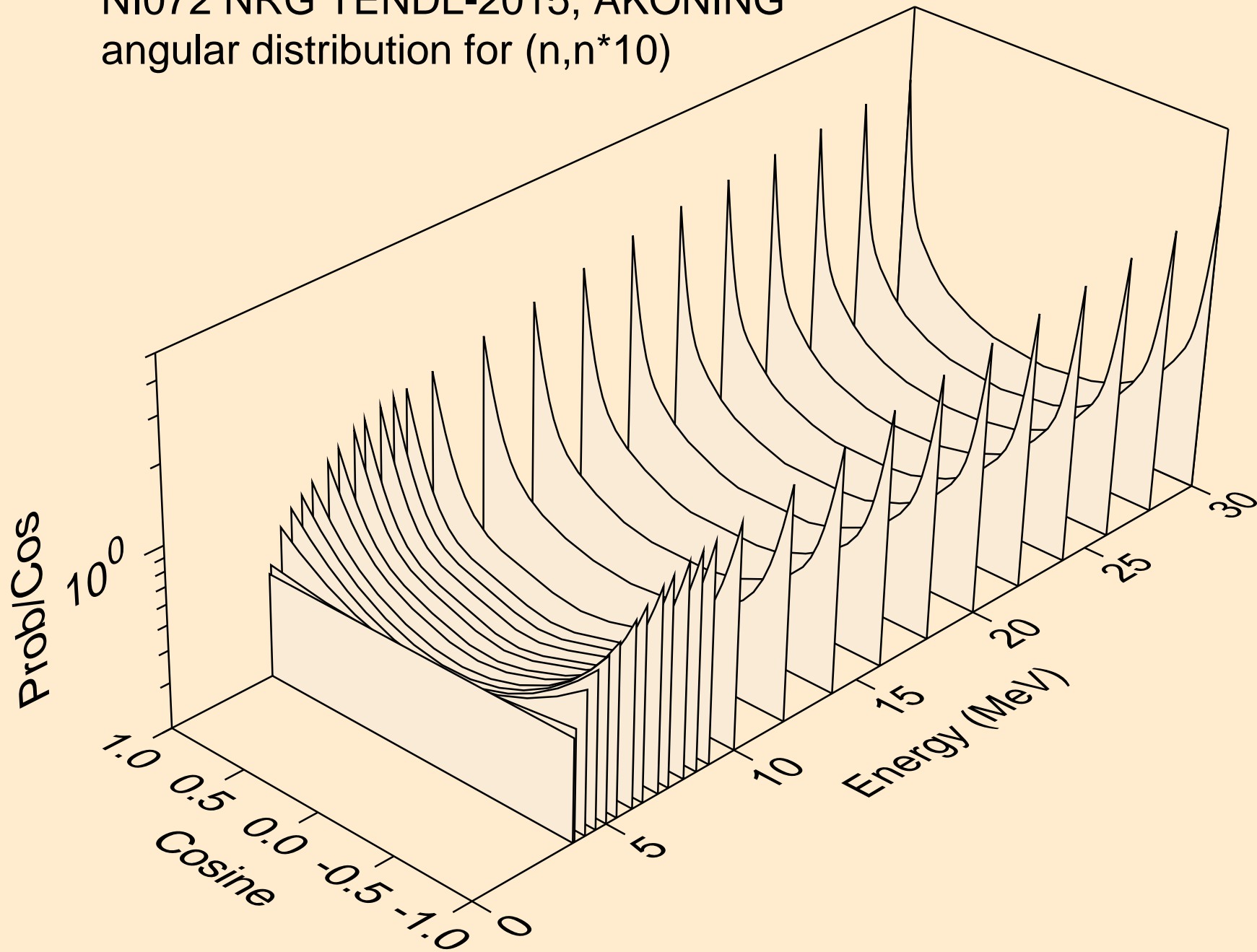




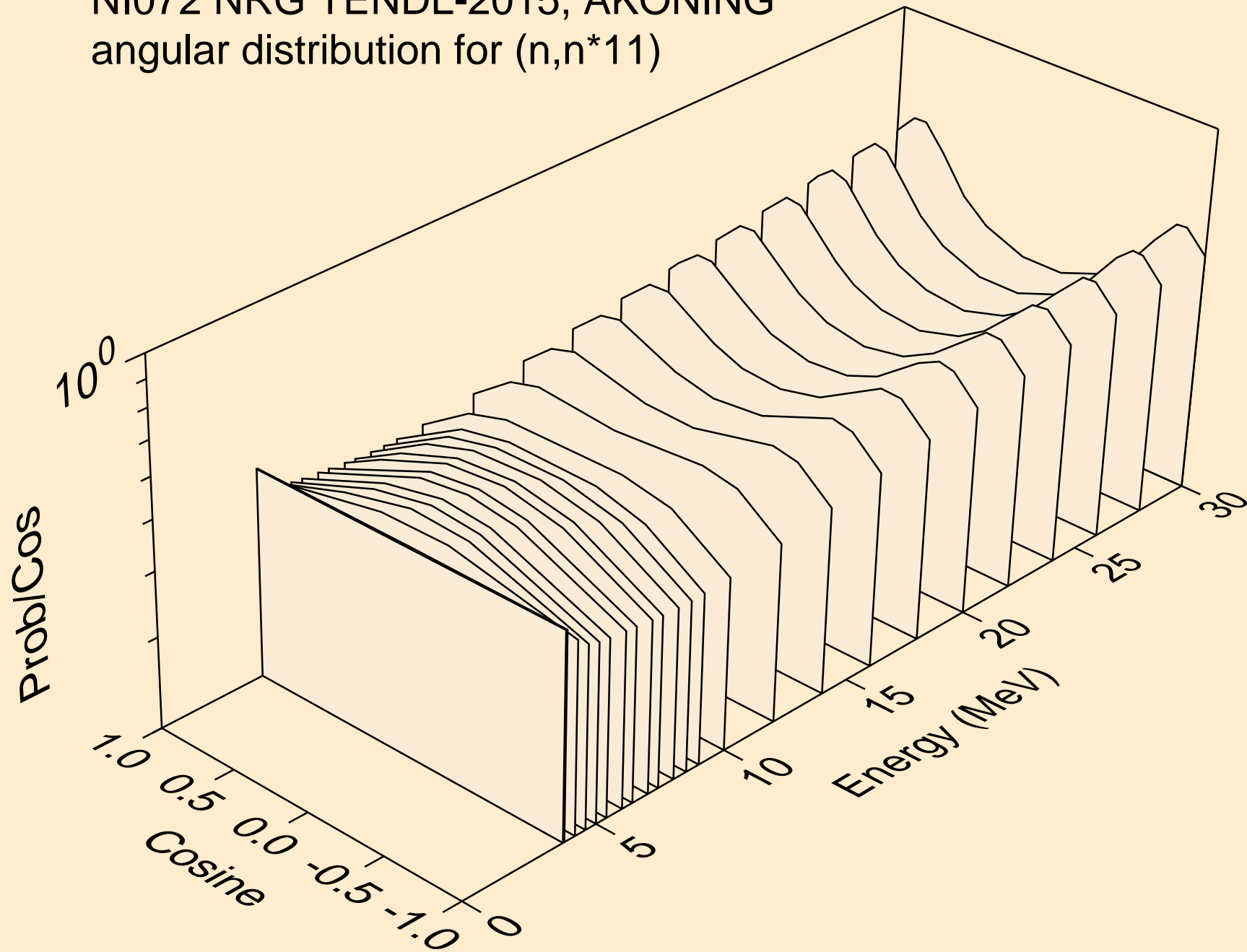
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angular distribution for (n,n\*9)



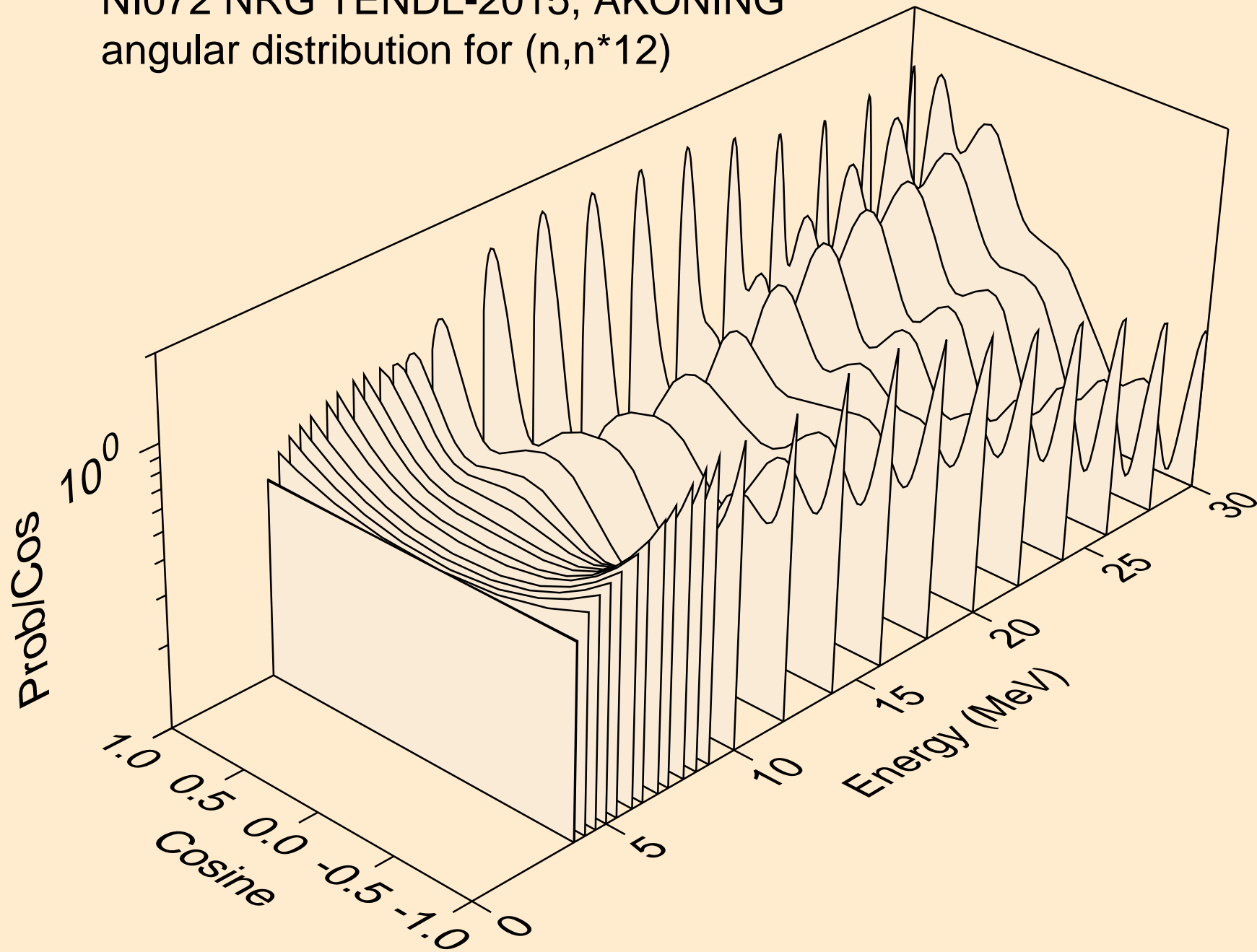
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angular distribution for (n,n\*10)



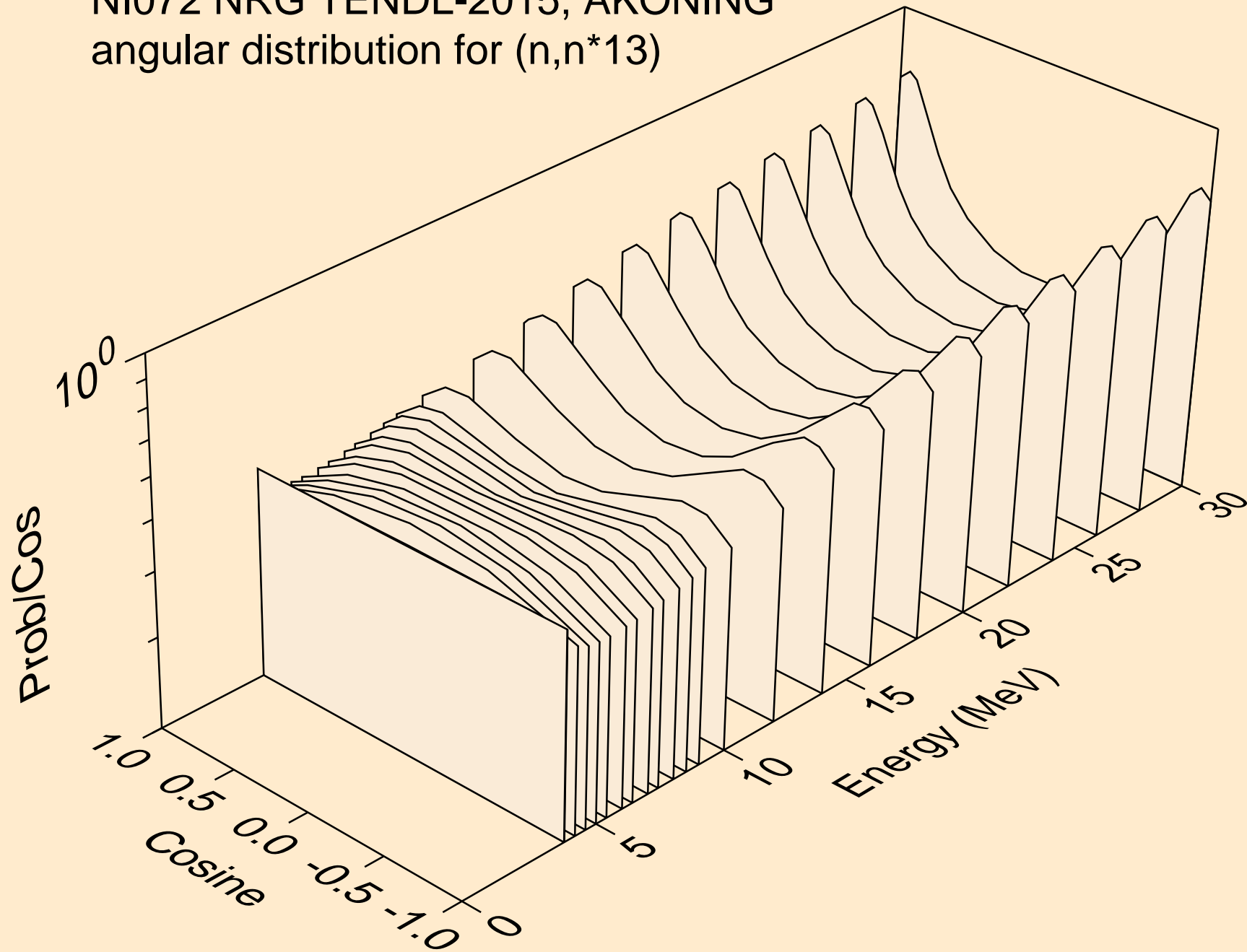
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angular distribution for (n,n\*11)



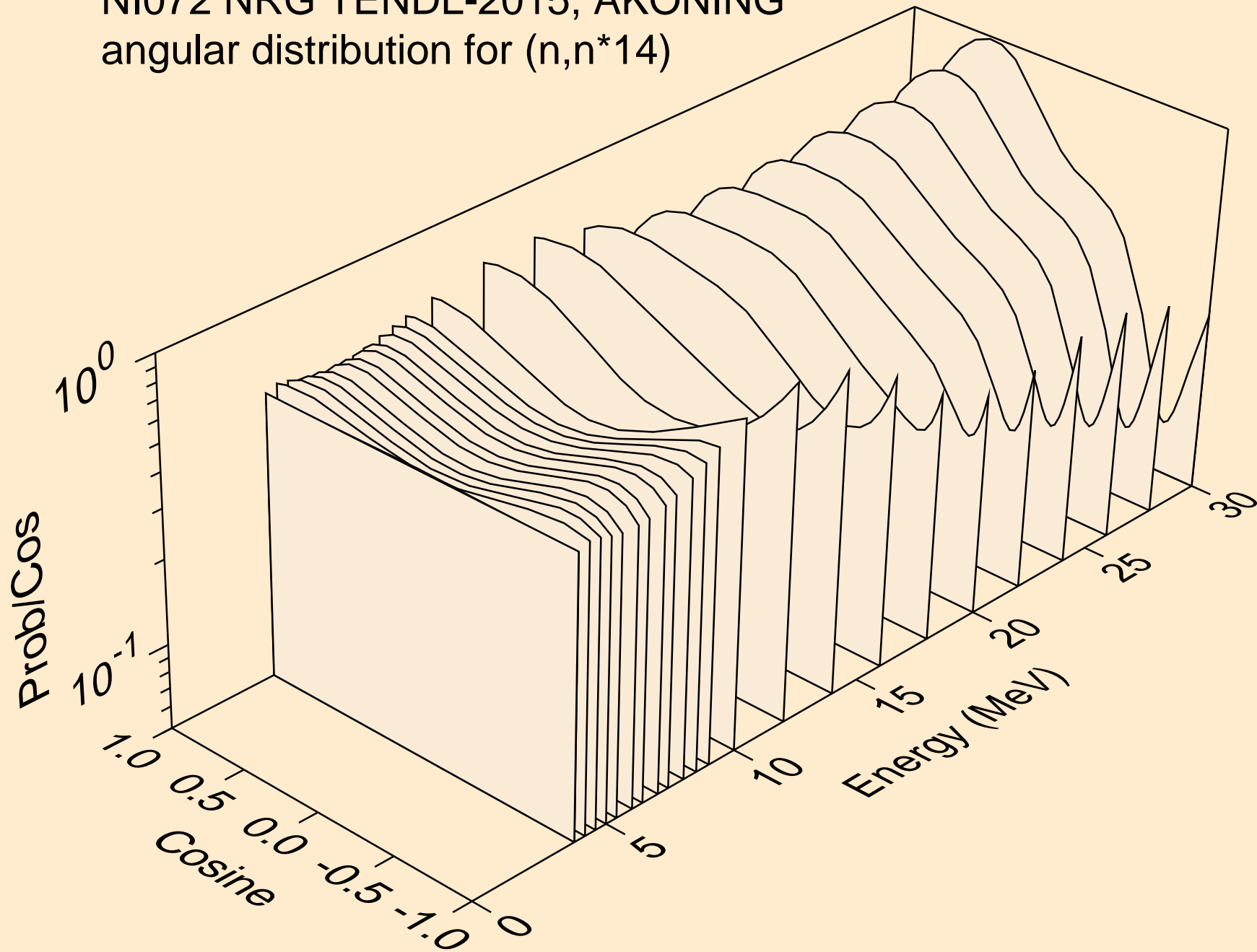
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angular distribution for (n,n\*12)



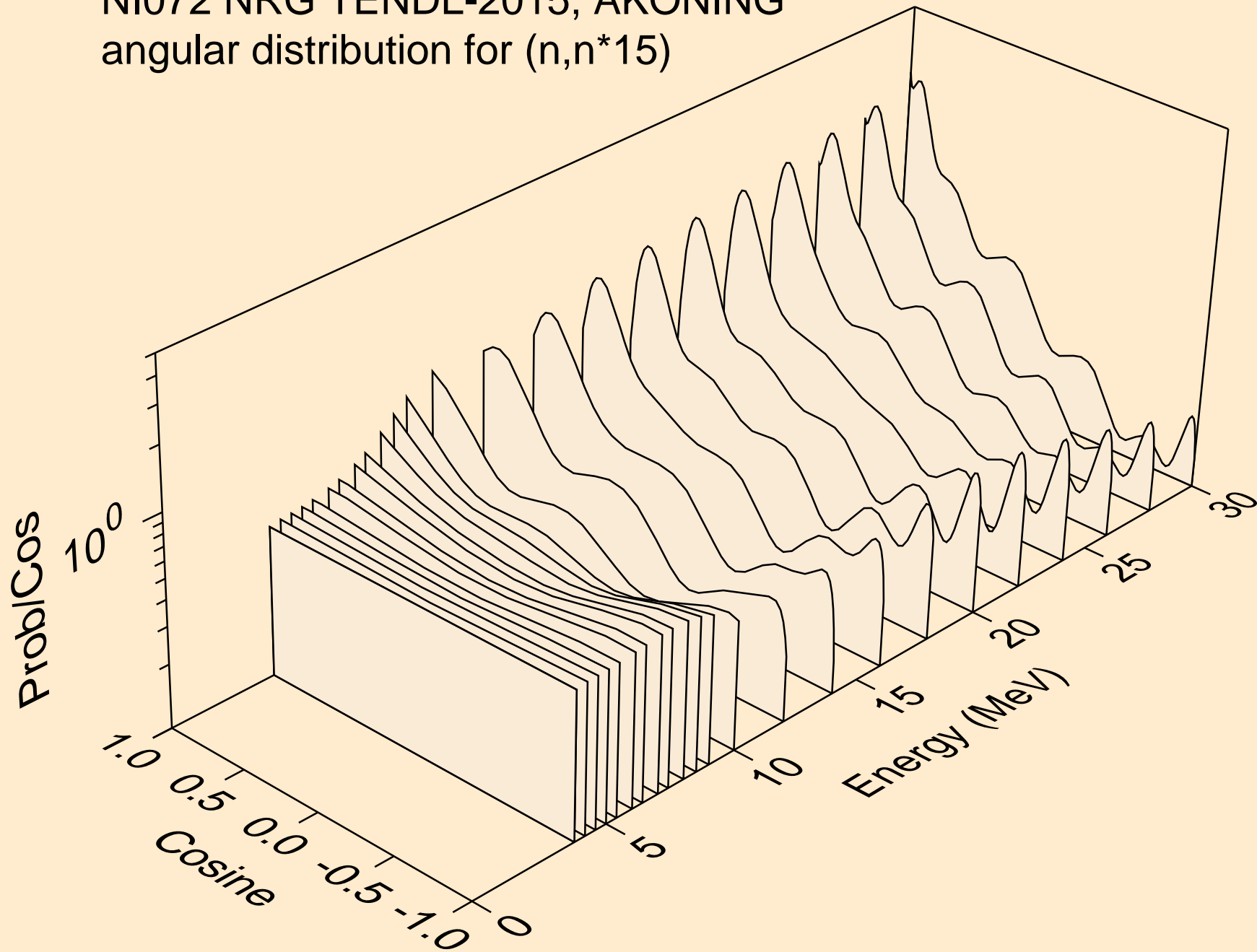
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angular distribution for (n,n\*13)



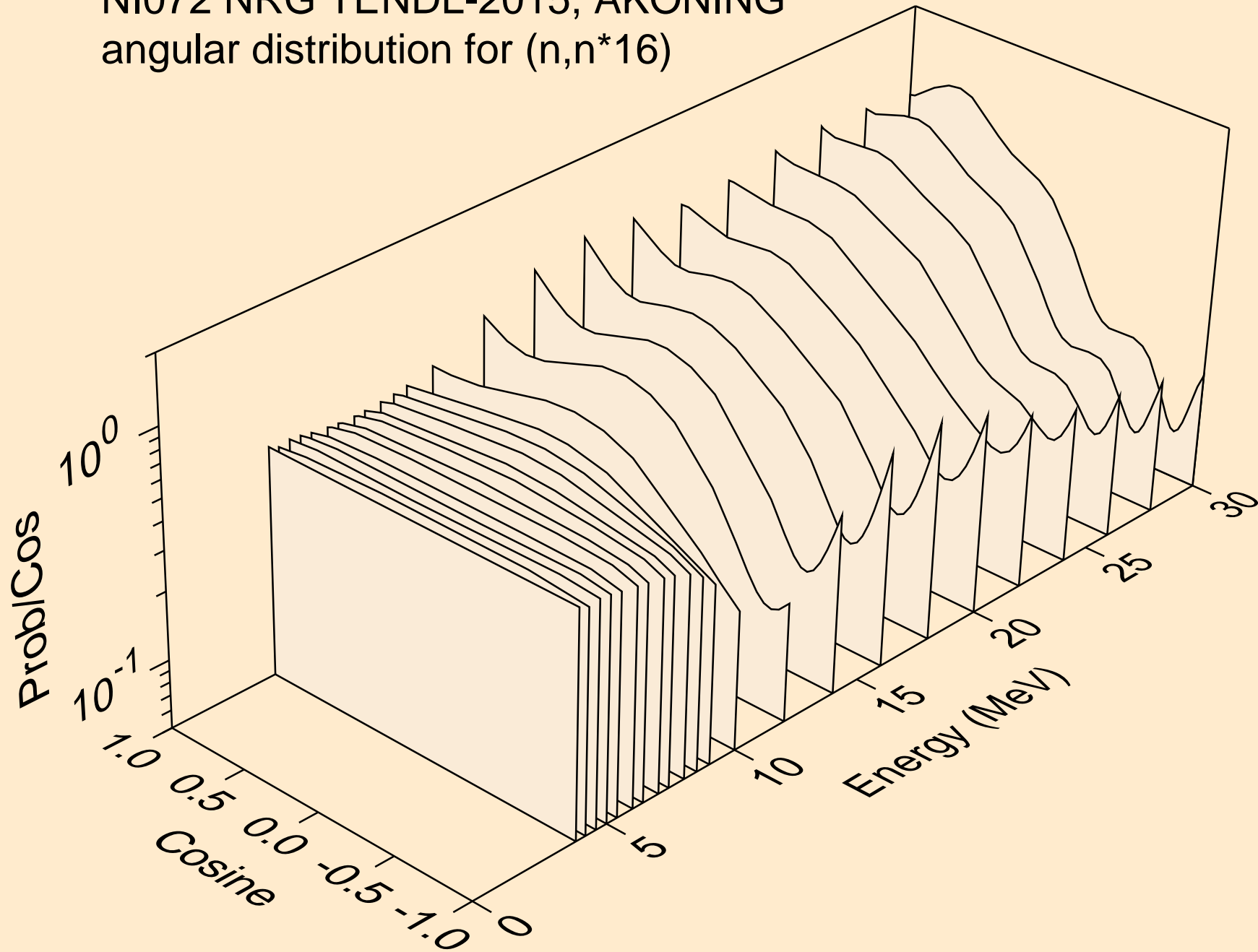
NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

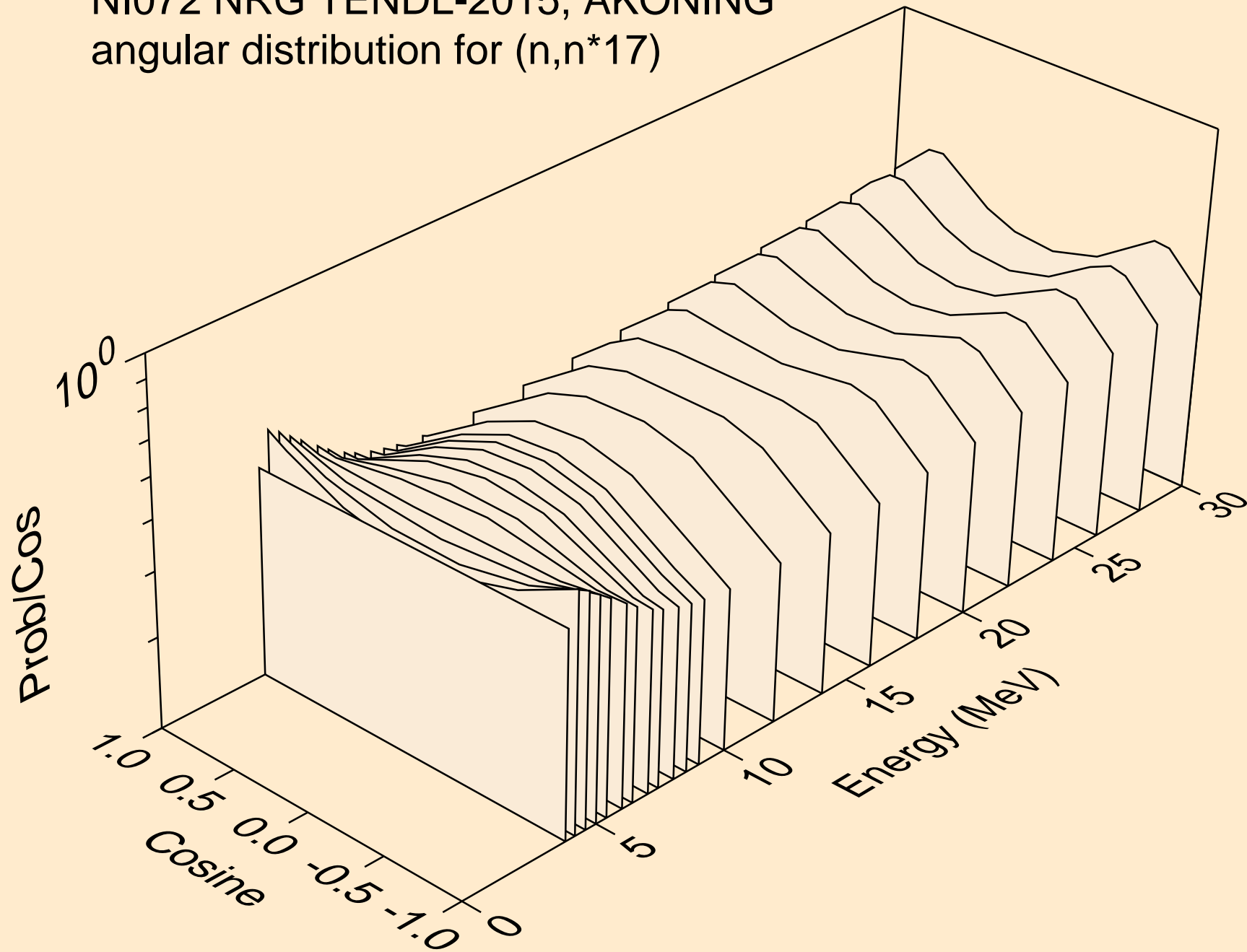


NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

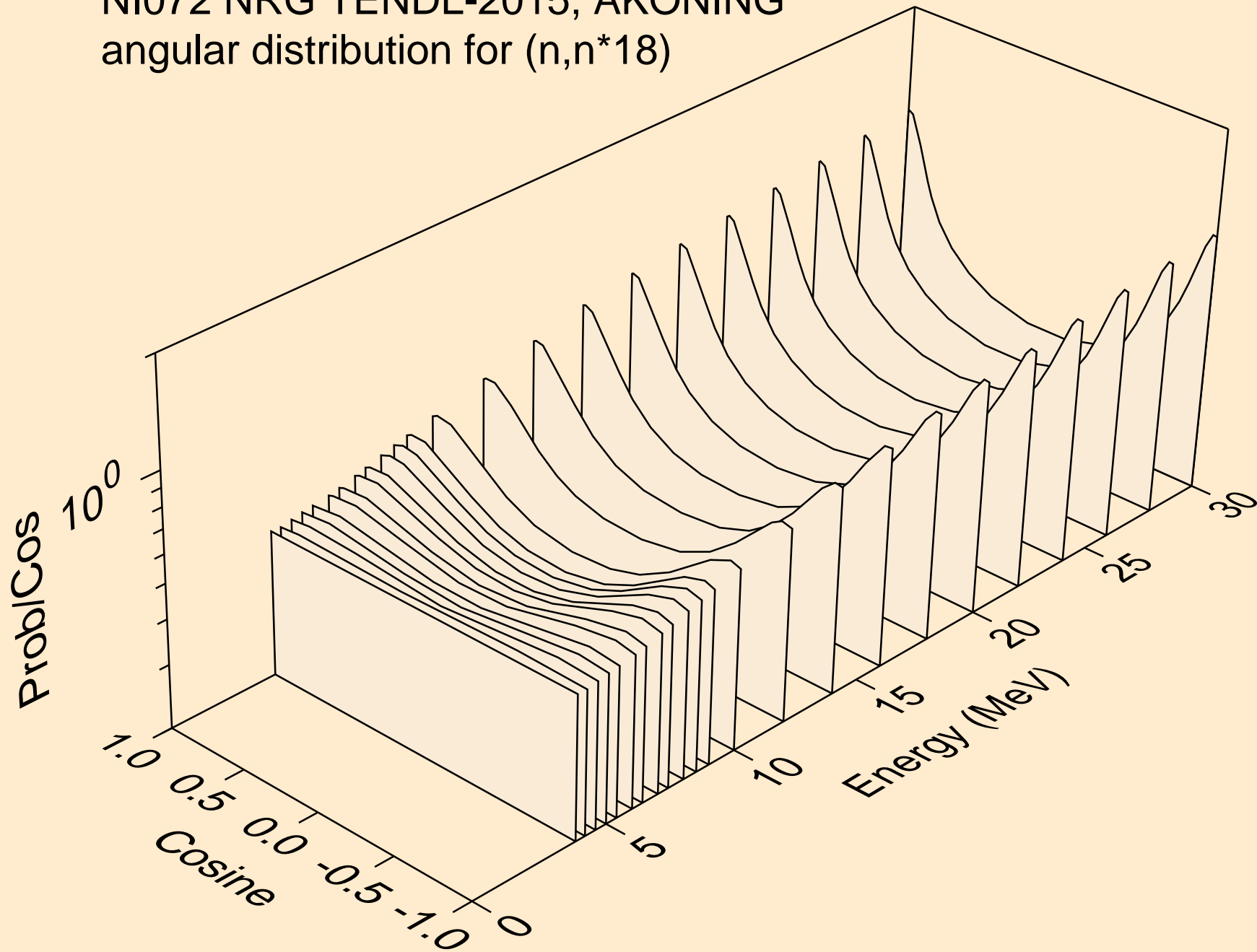




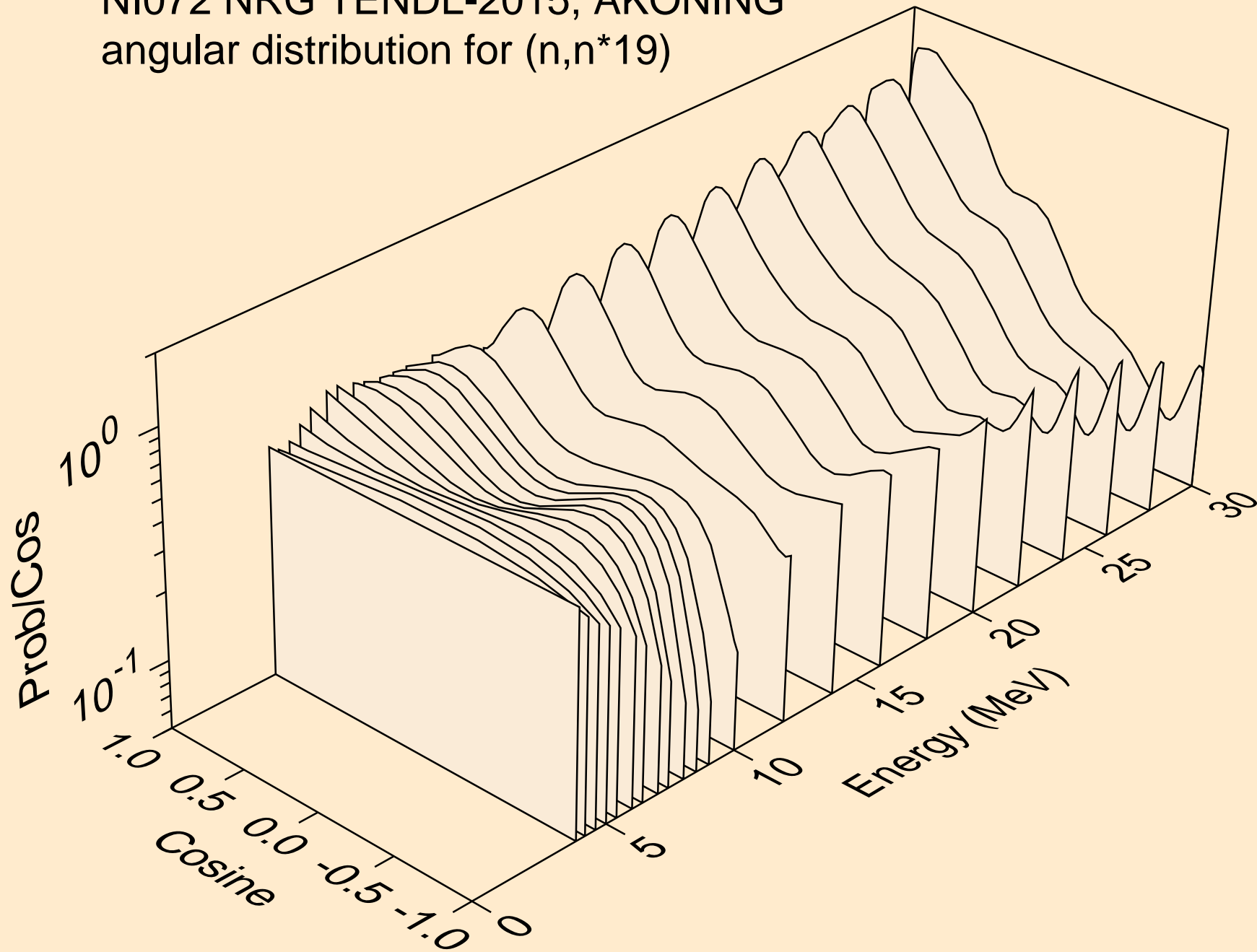
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angular distribution for (n,n\*17)



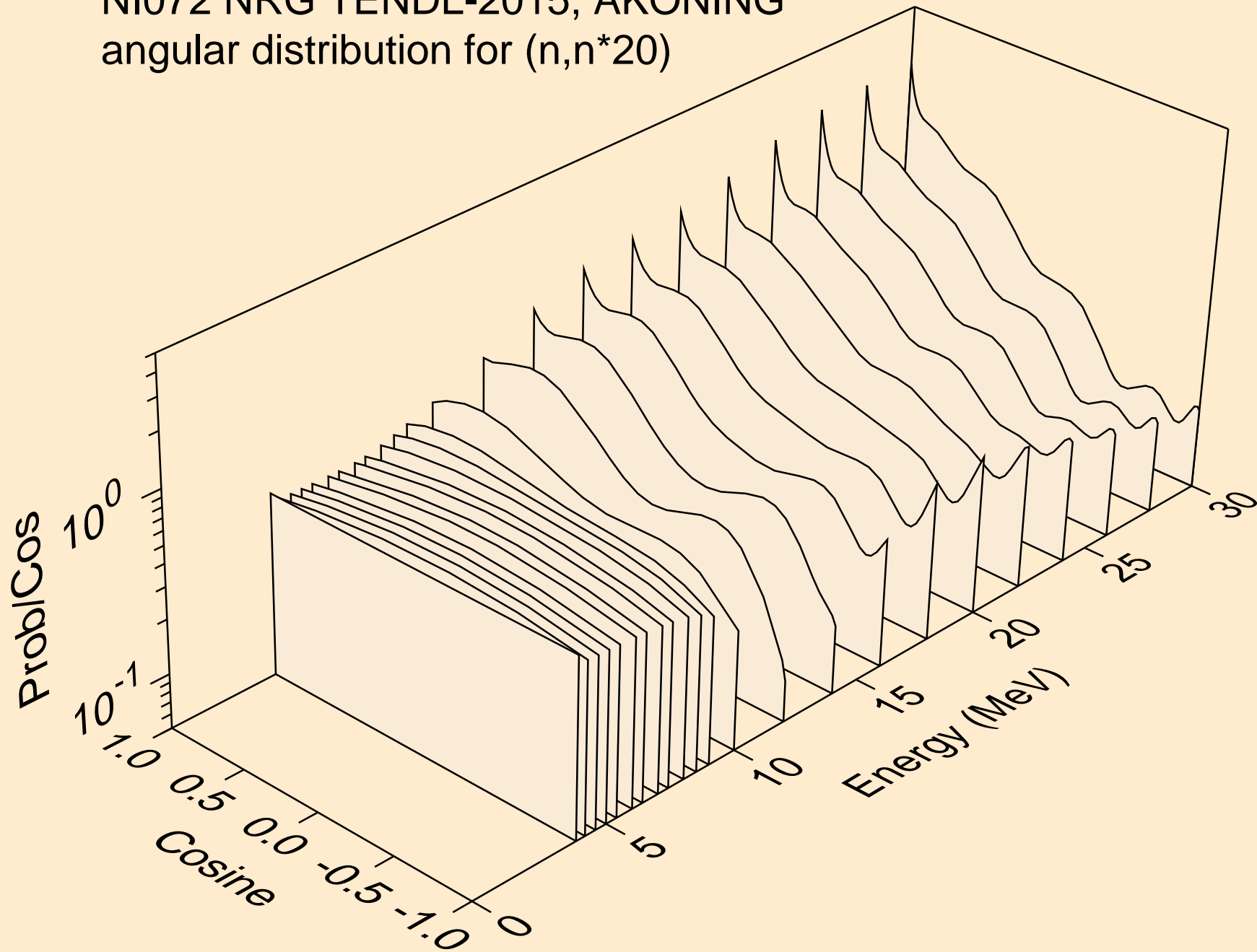
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angular distribution for (n,n\*18)



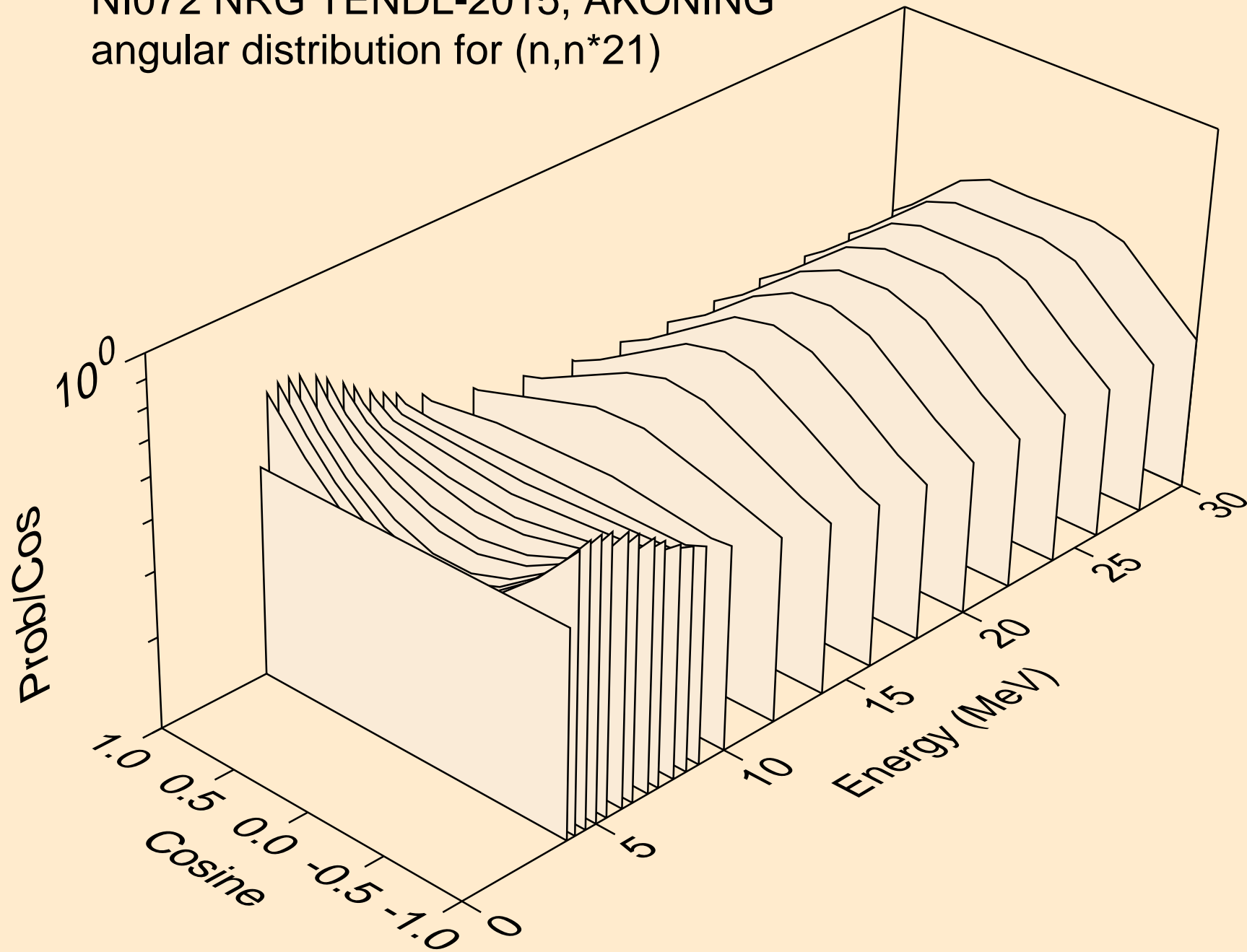
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angular distribution for (n,n\*19)



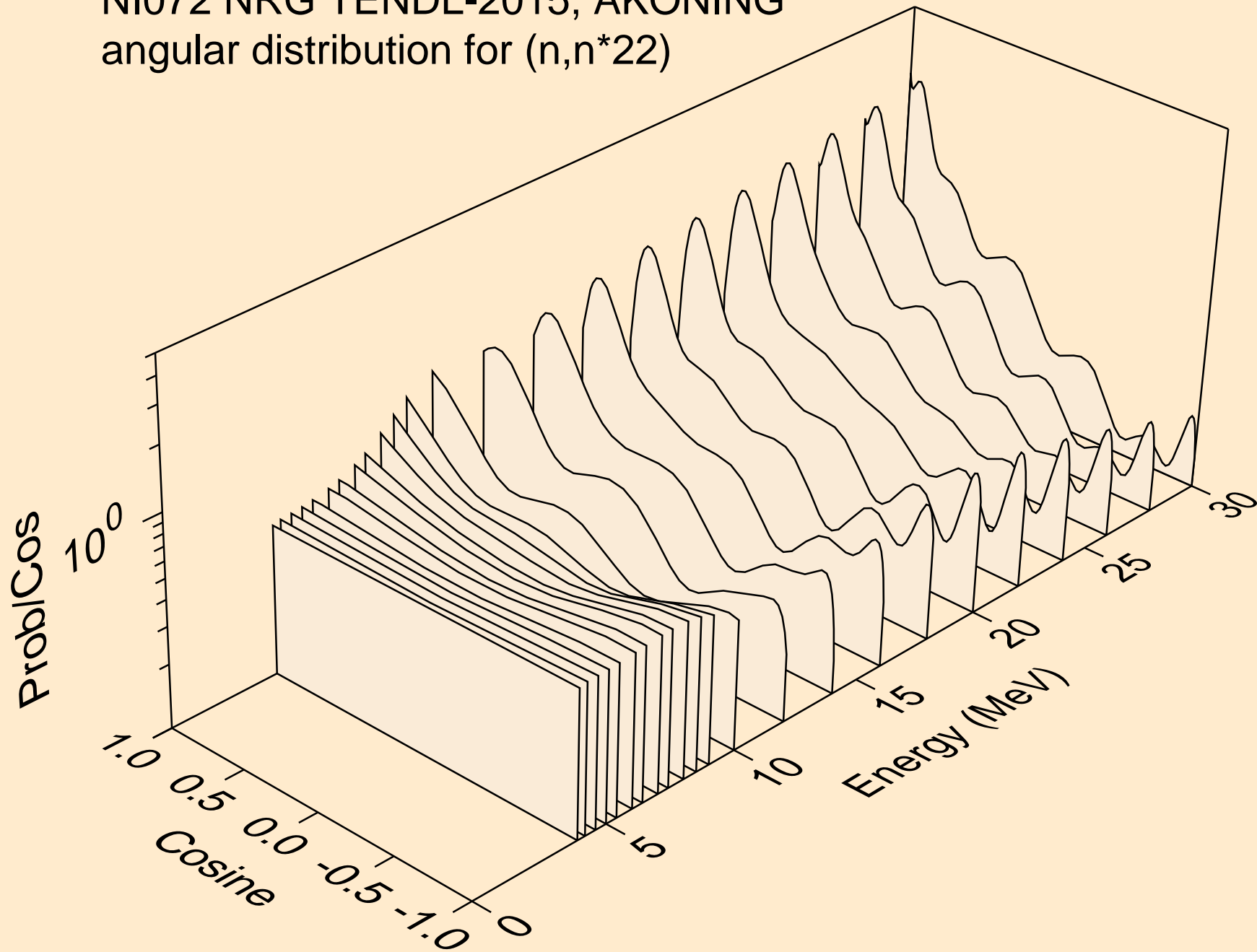
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angular distribution for (n,n\*20)



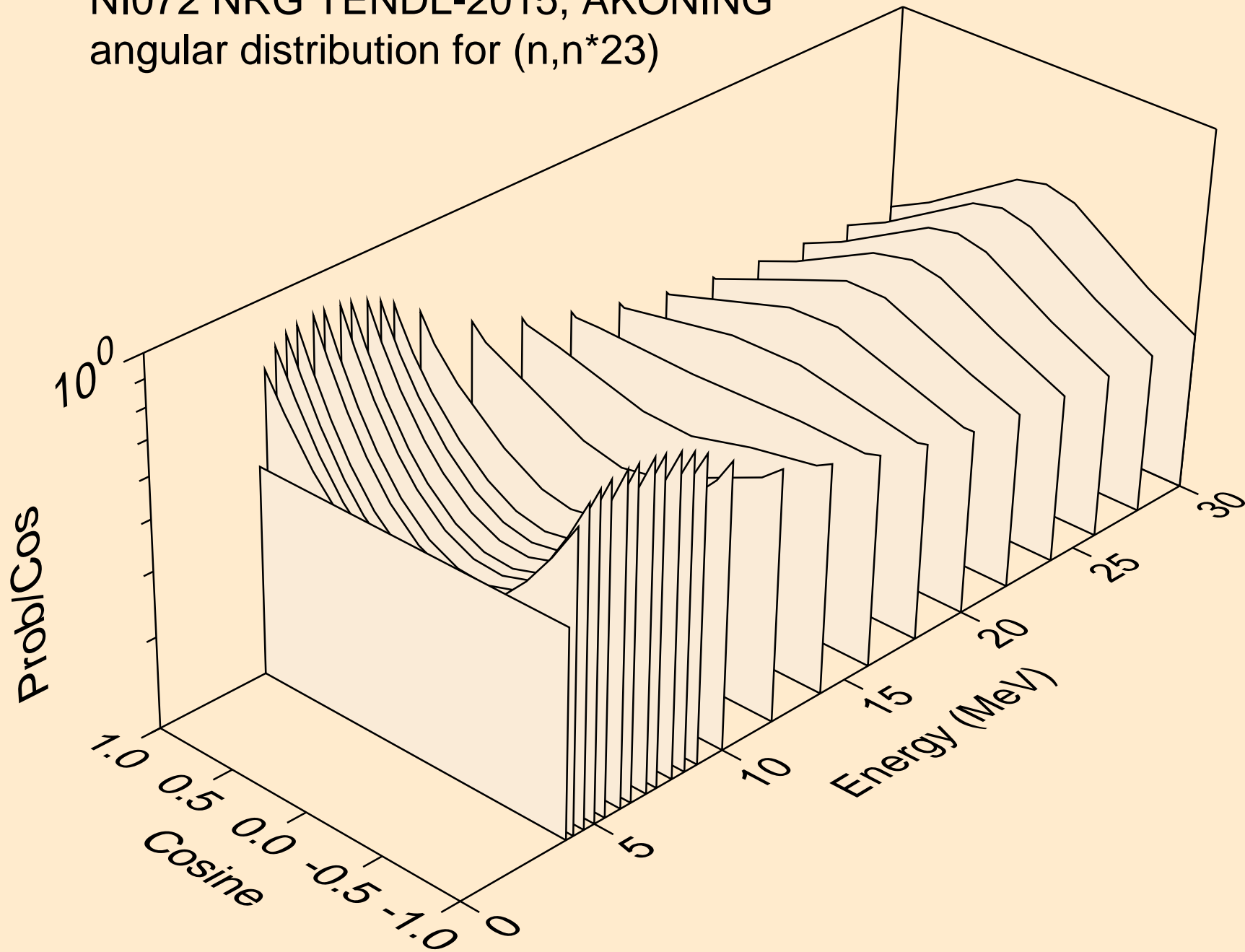
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angular distribution for (n,n\*21)



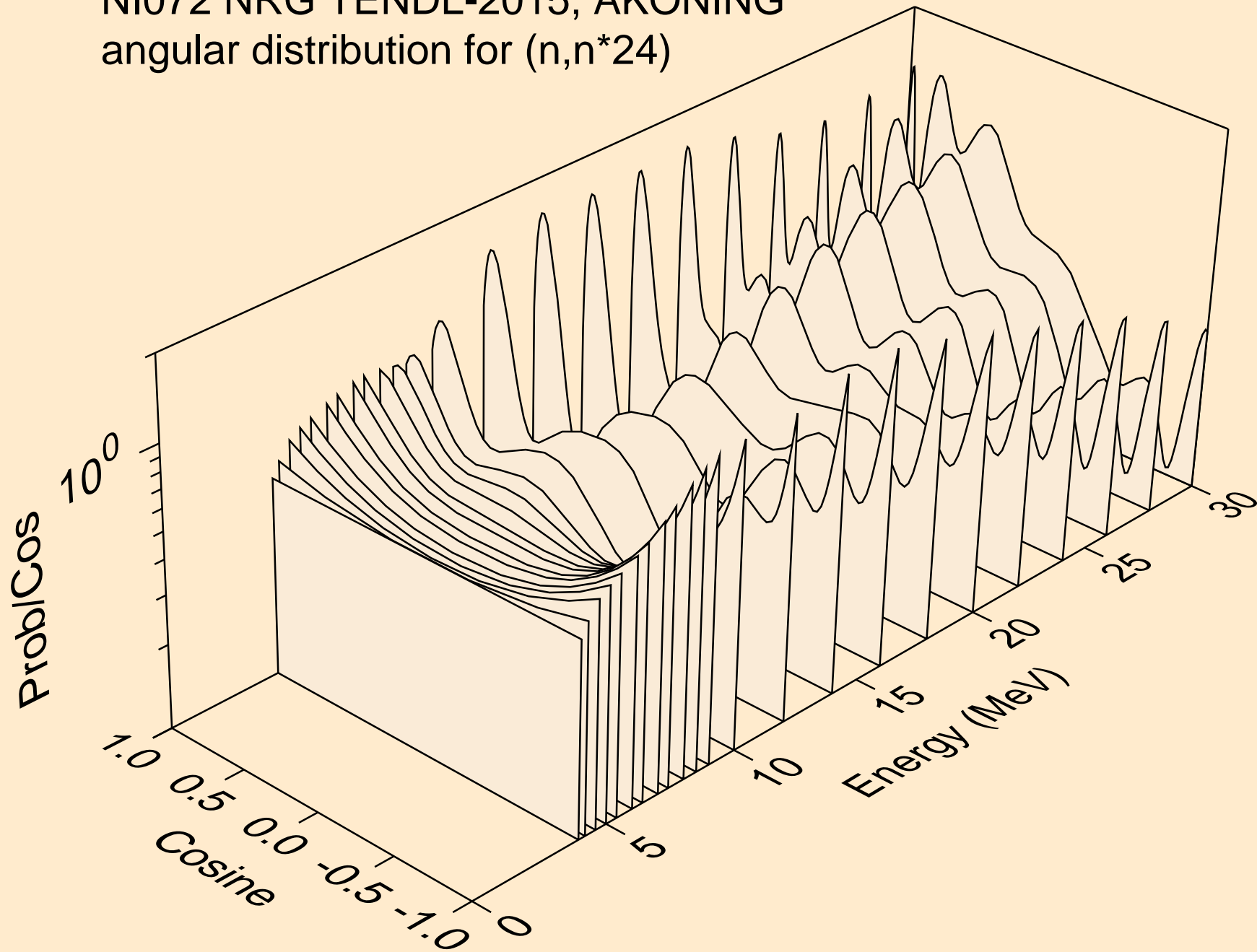
NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

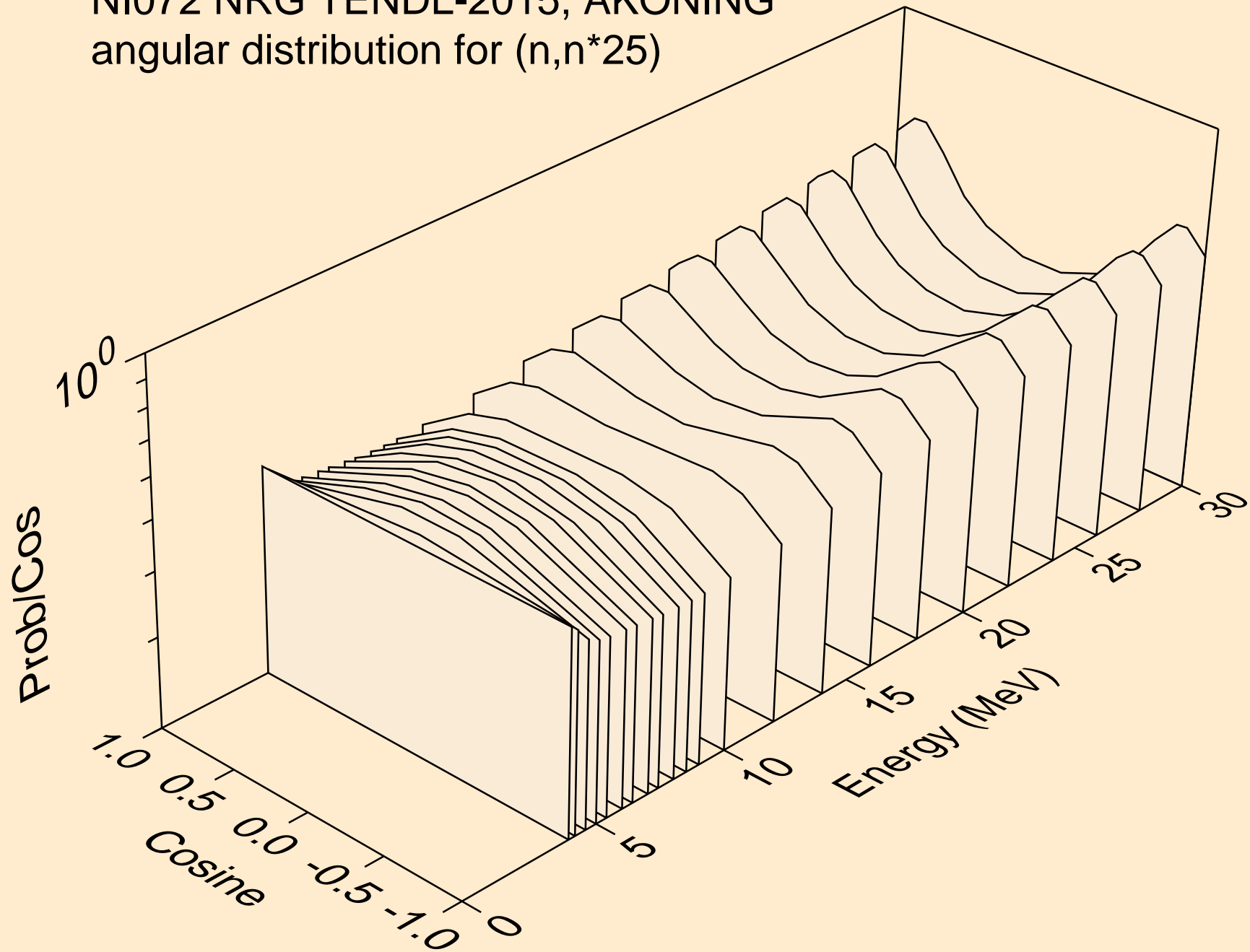


NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

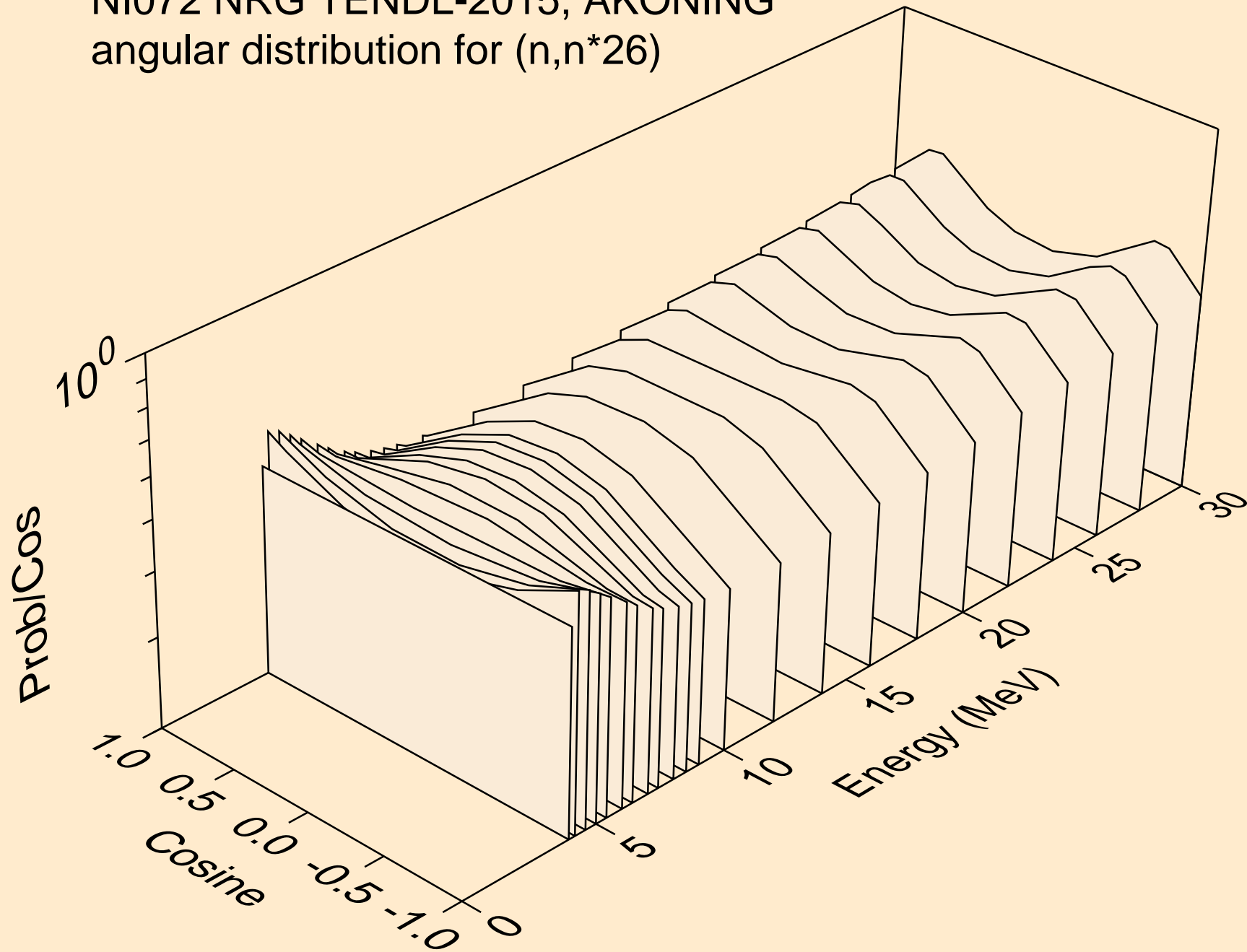




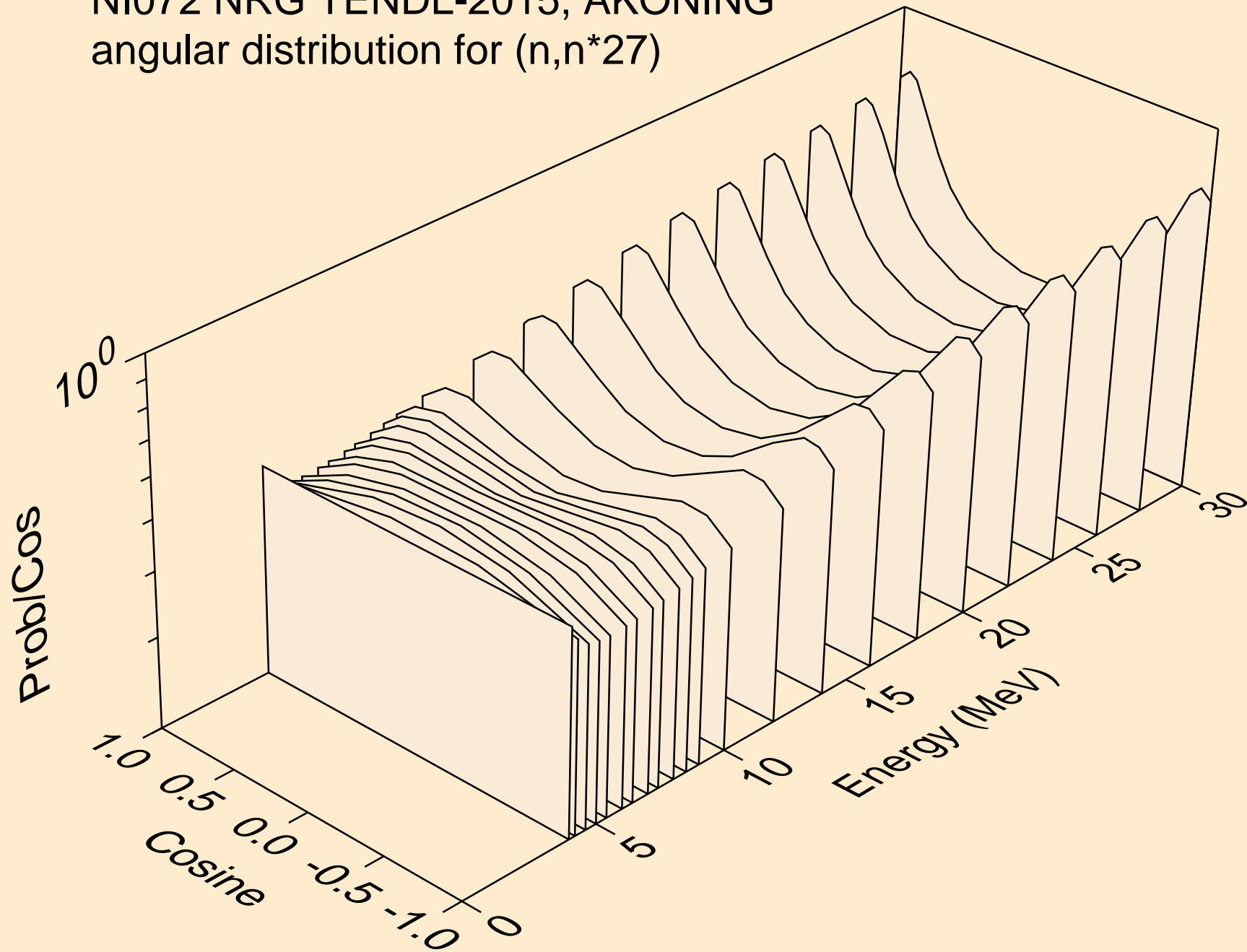
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angular distribution for (n,n\*25)



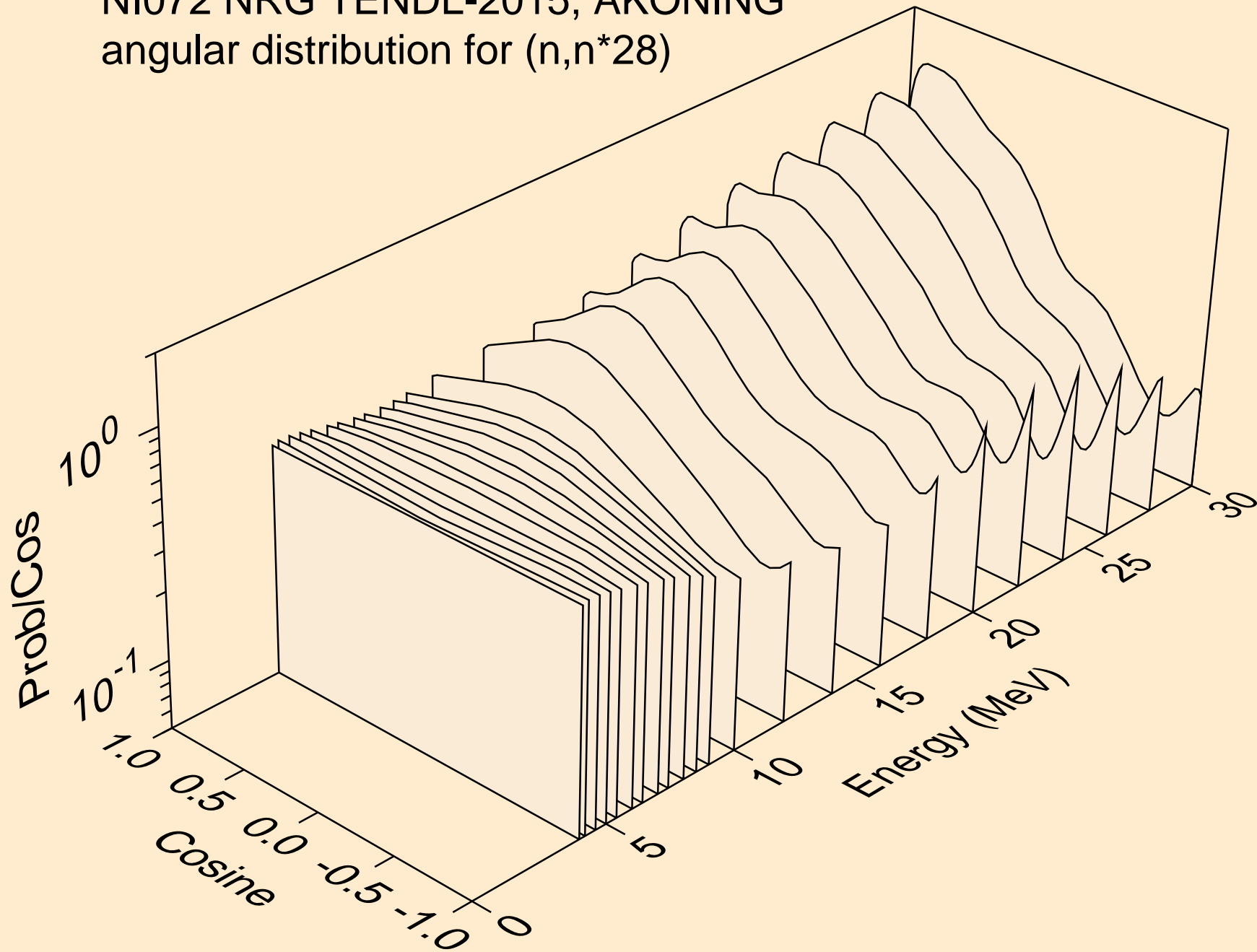
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angular distribution for (n,n\*26)



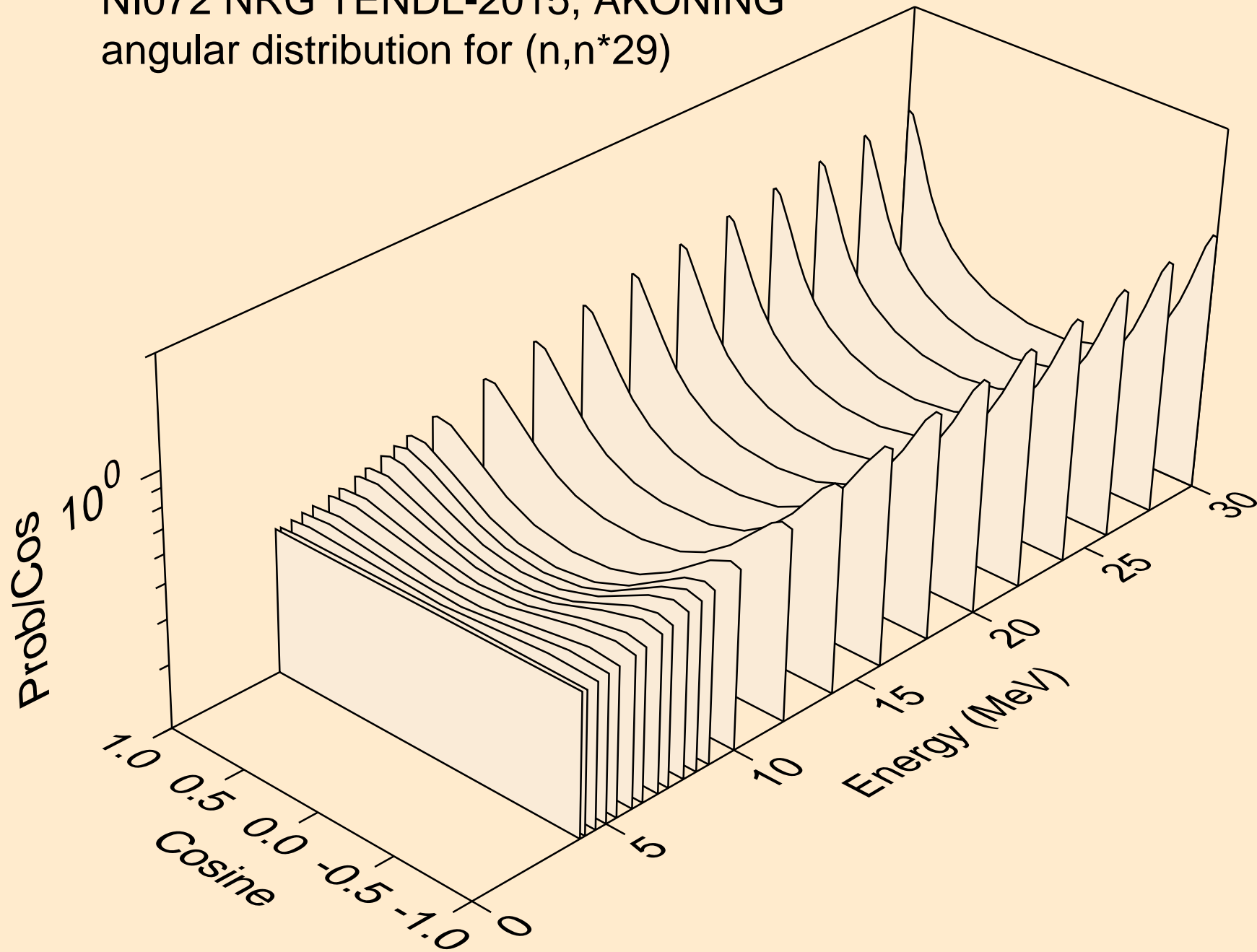
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angular distribution for (n,n\*27)



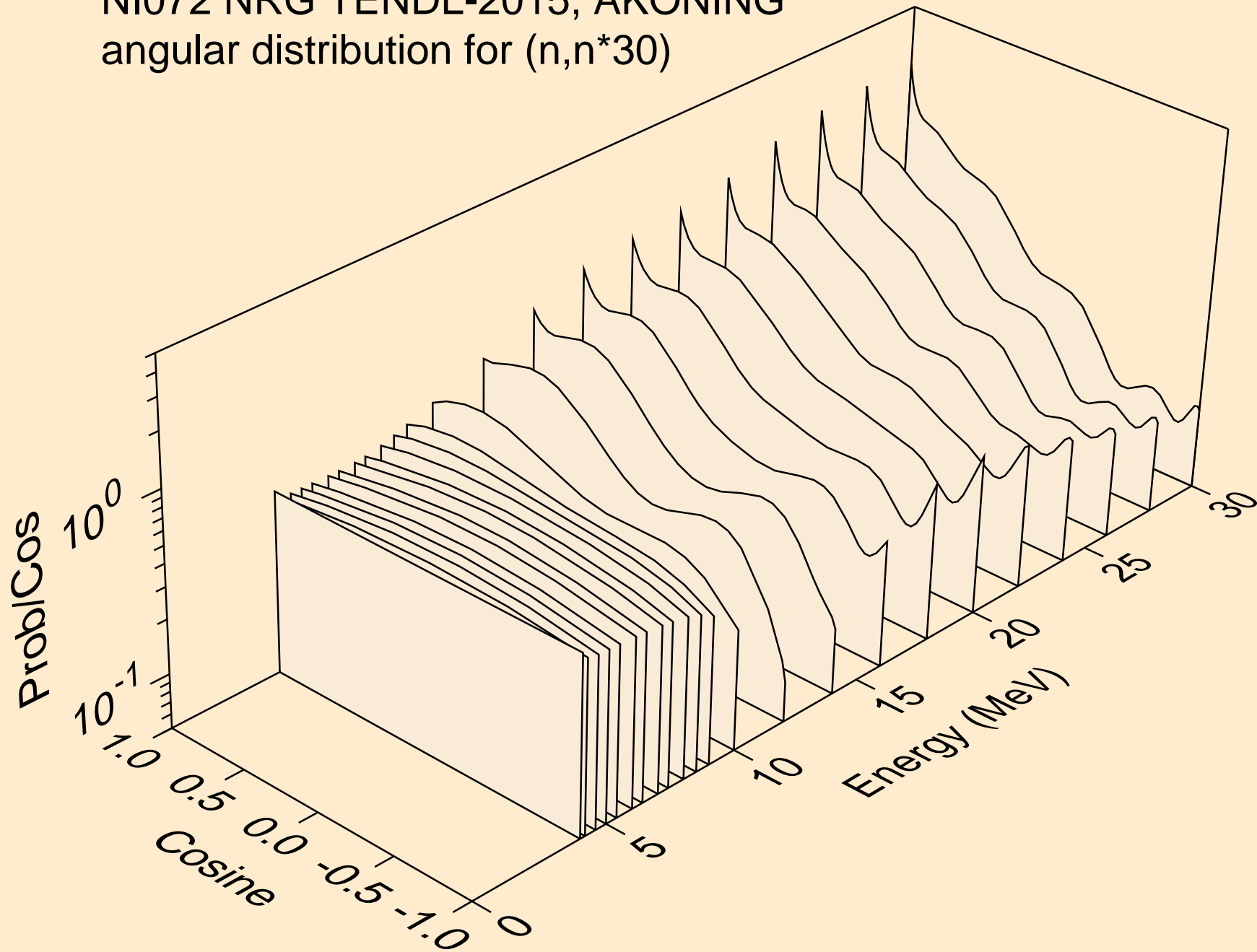
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angular distribution for (n,n\*28)



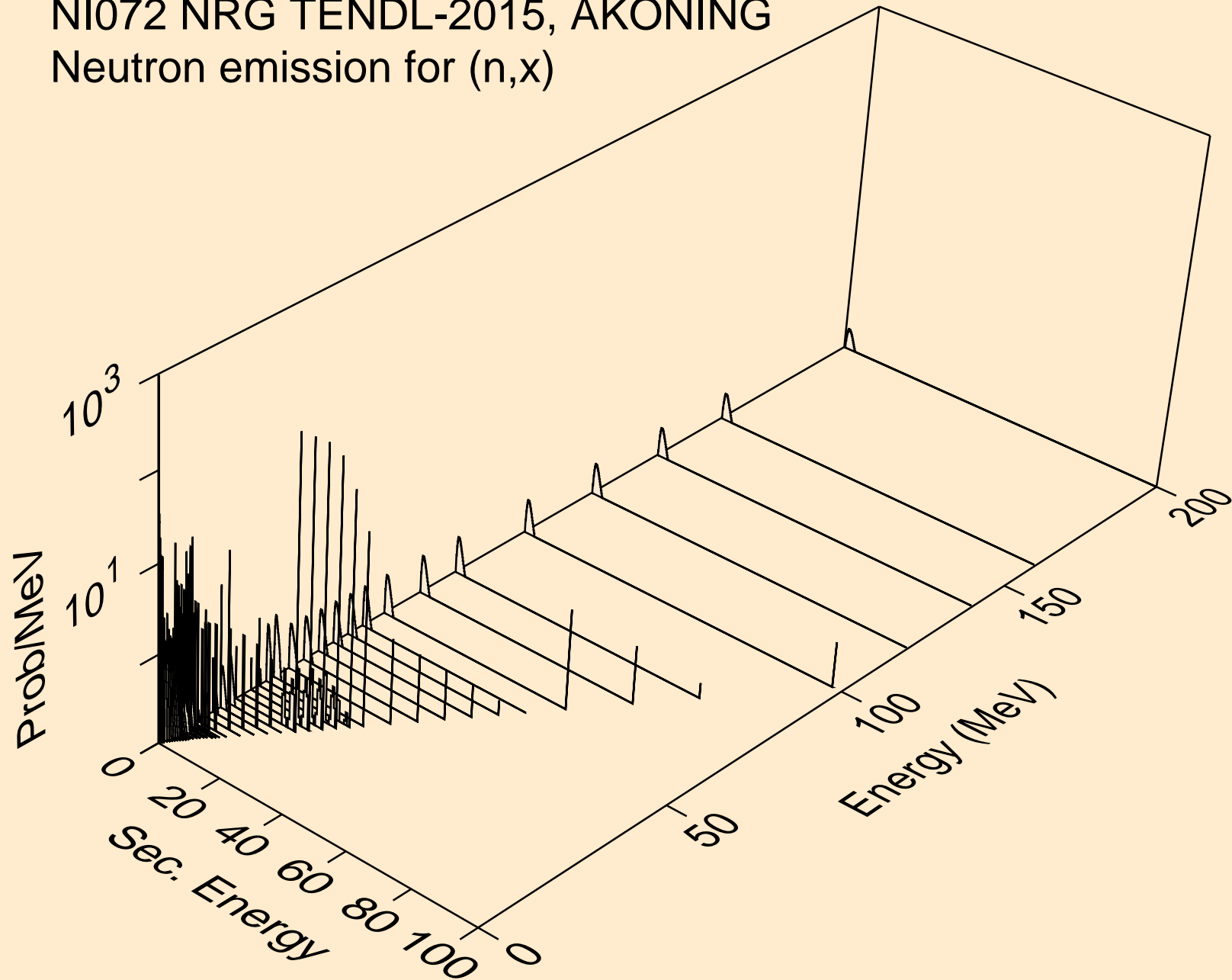
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angular distribution for (n,n\*29)



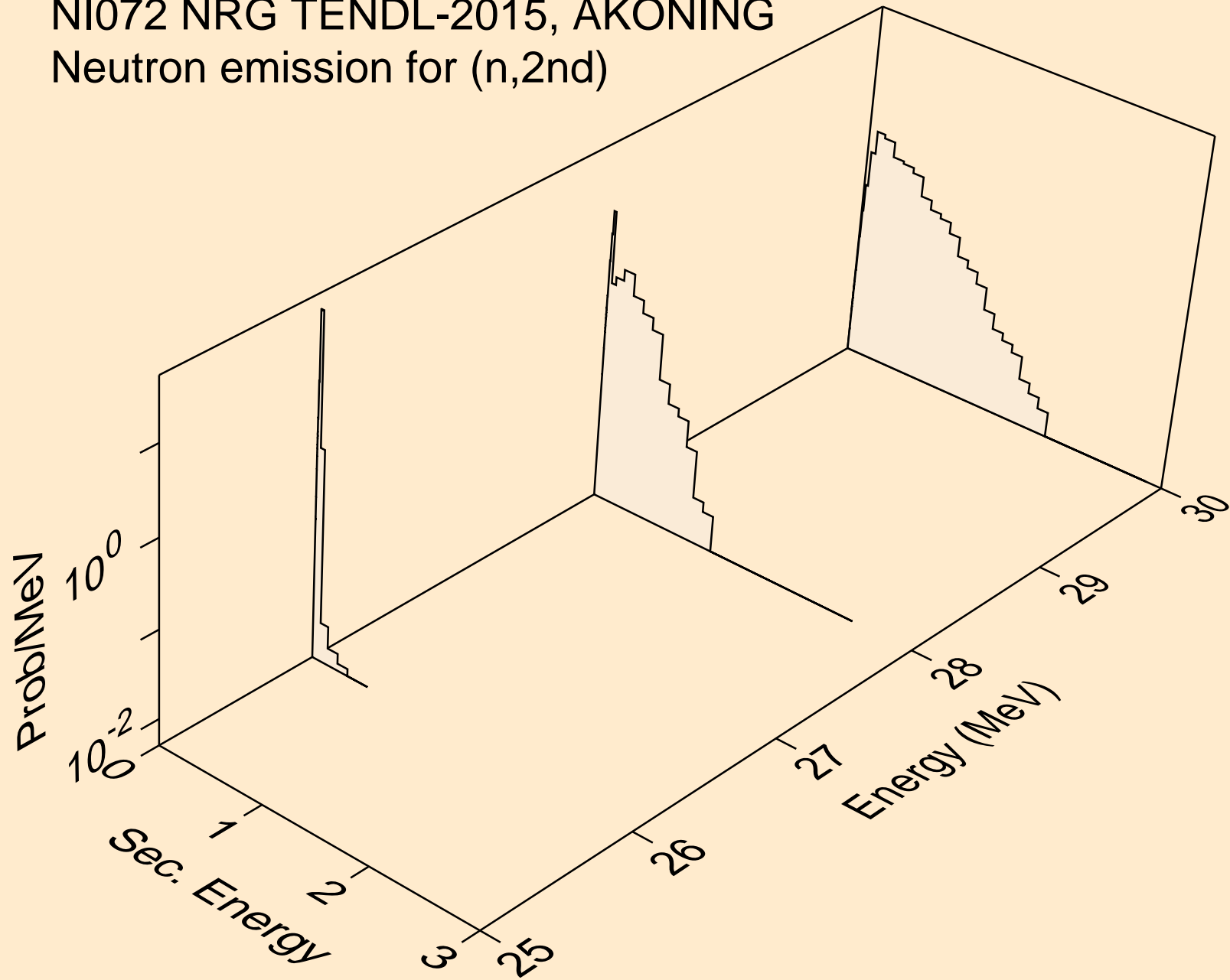
NI072 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

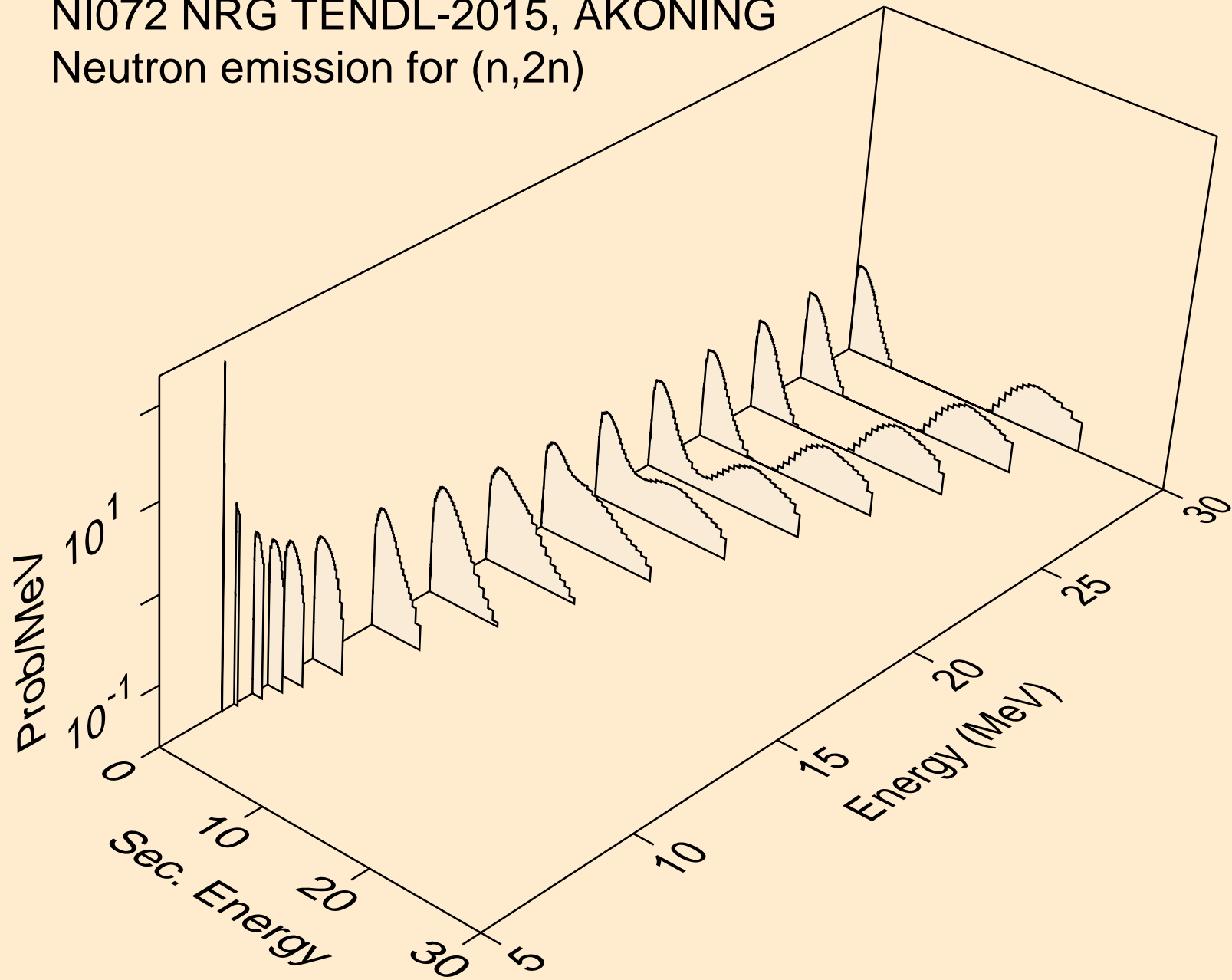


NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

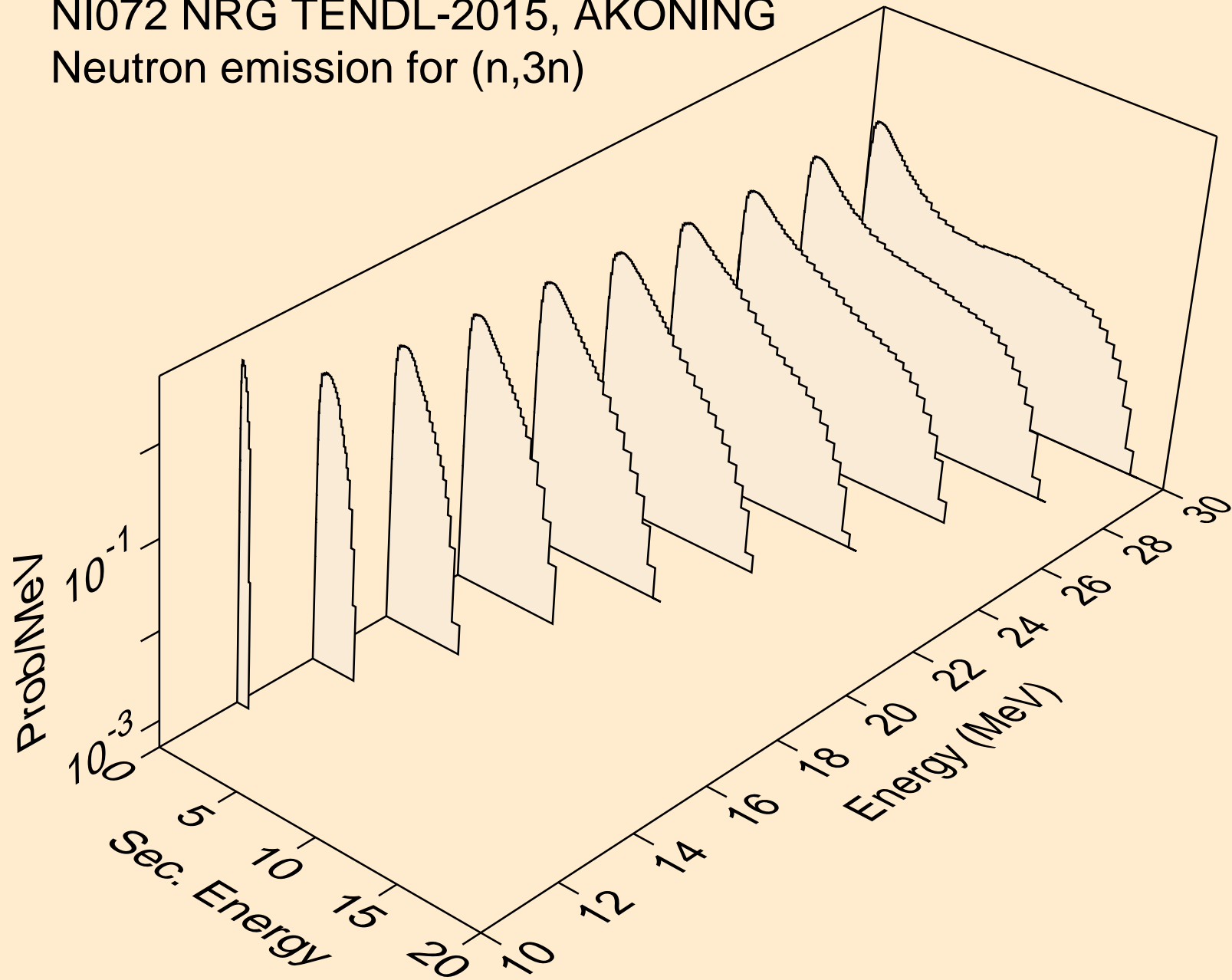




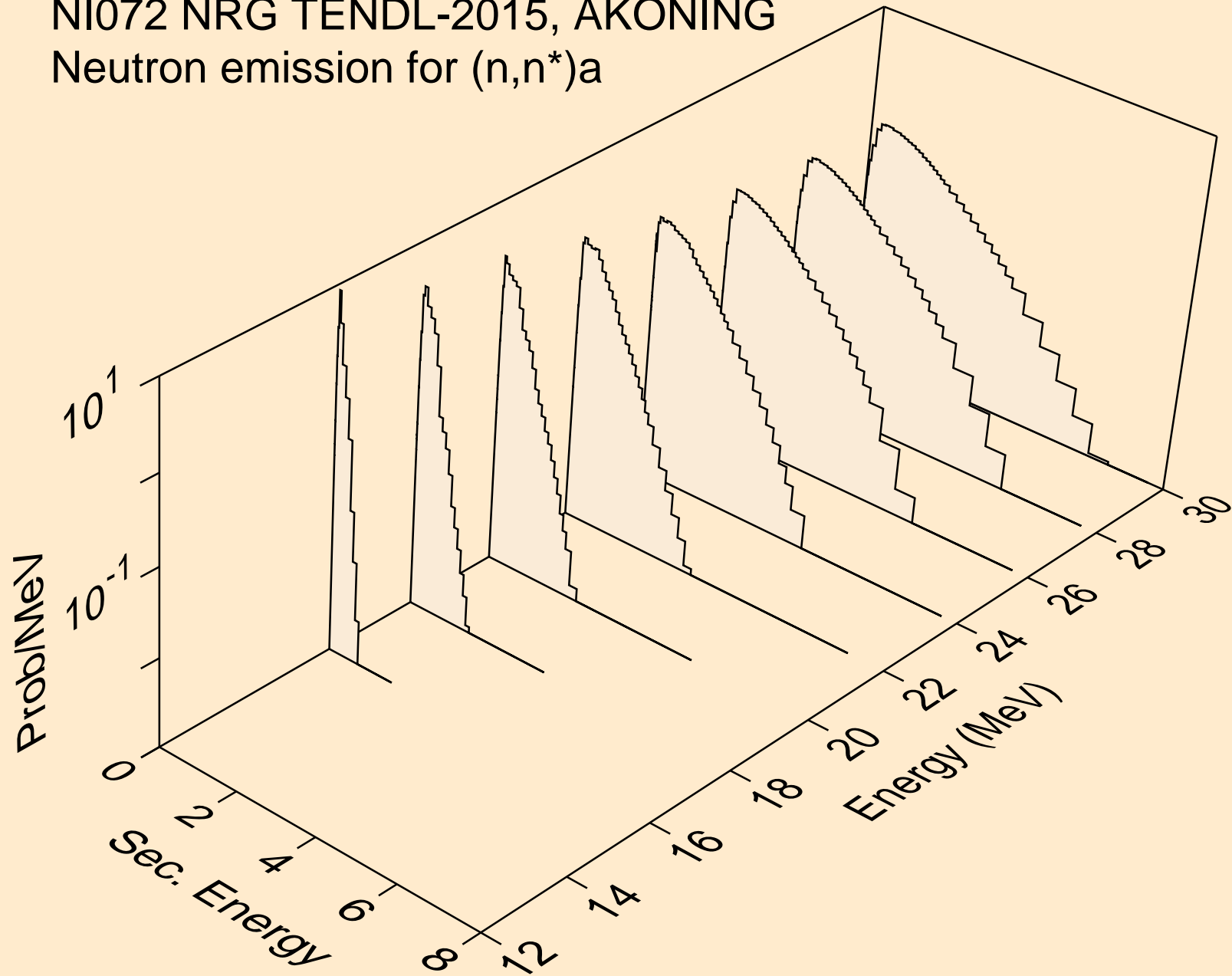
NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



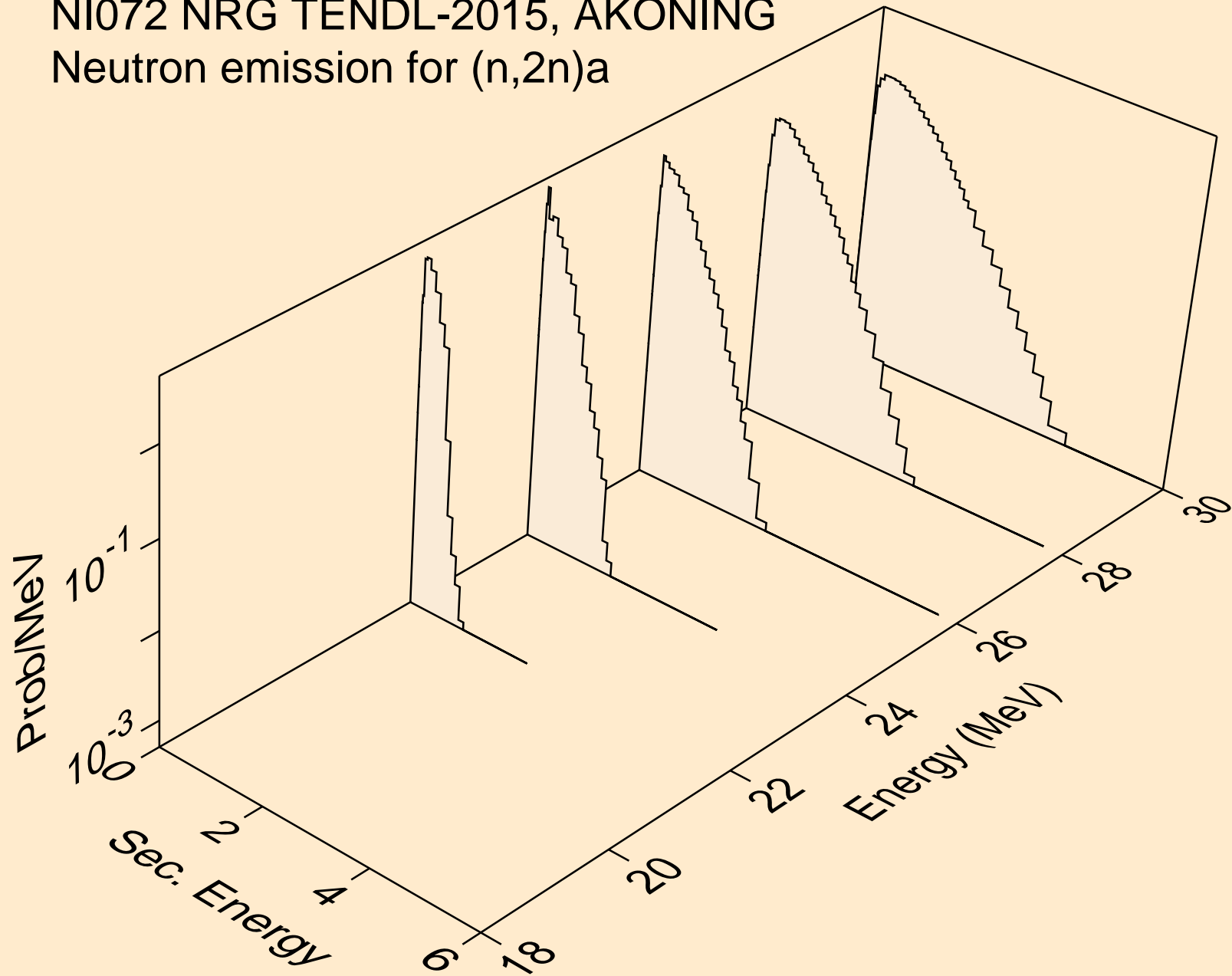
NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



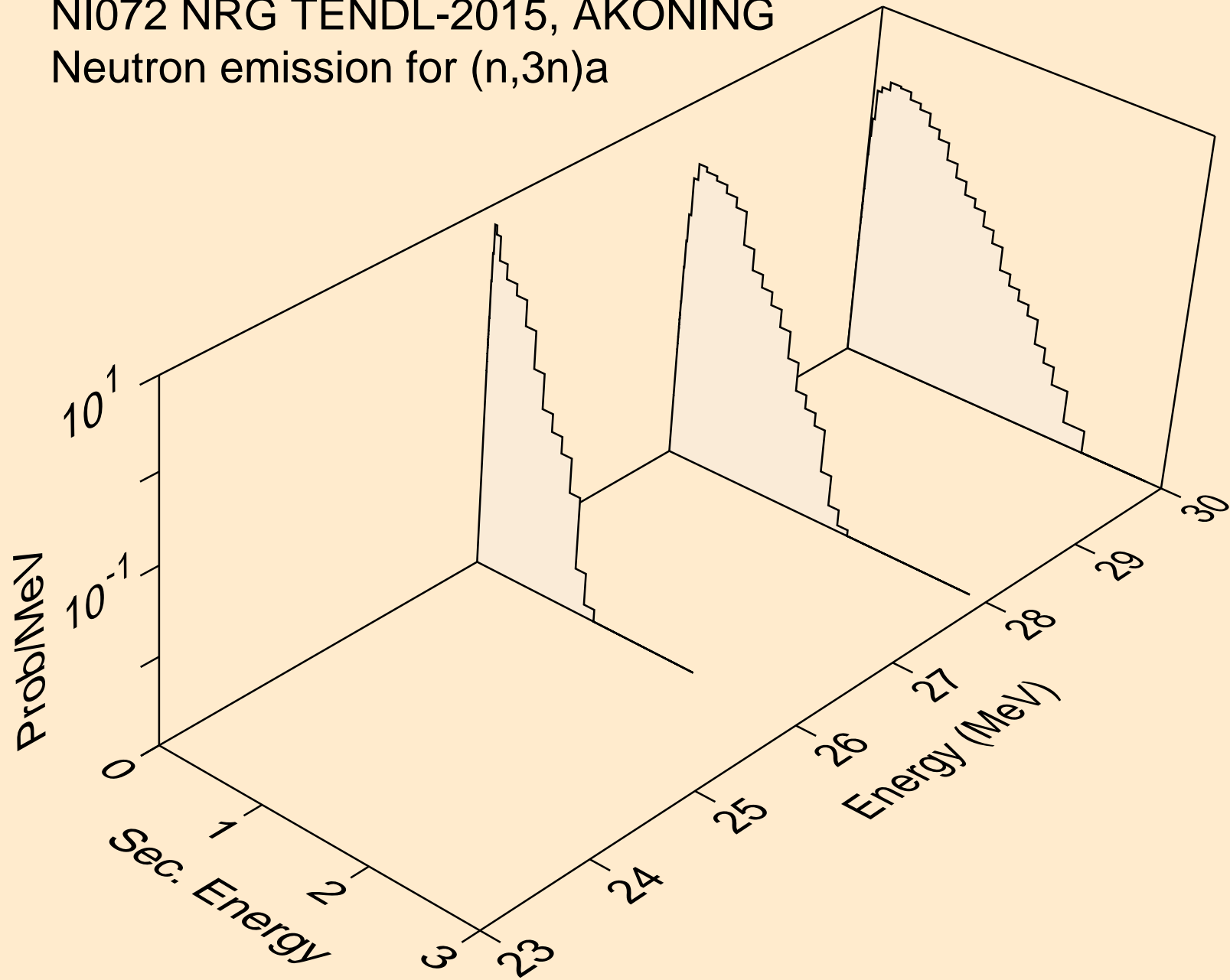
NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



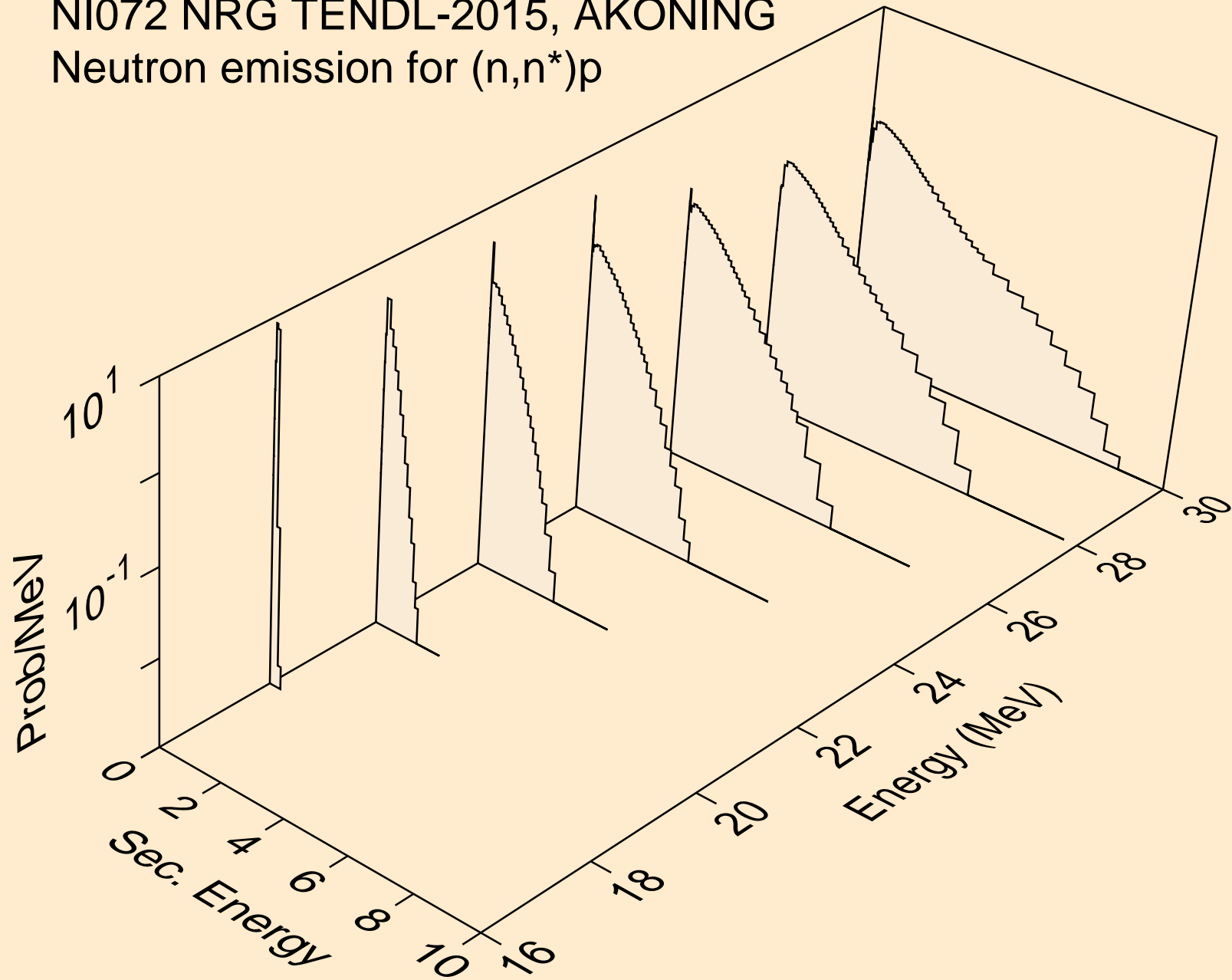
NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



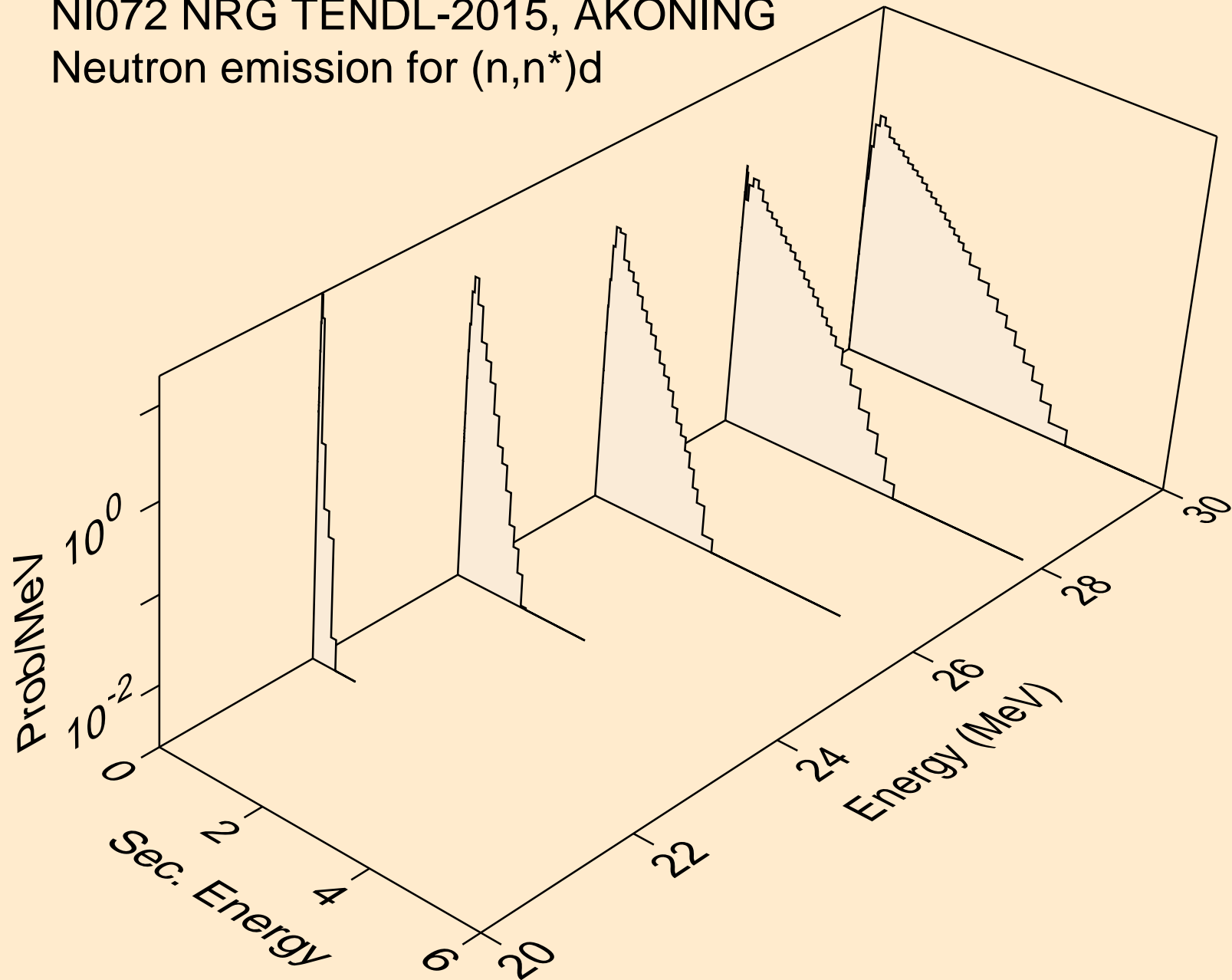
NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



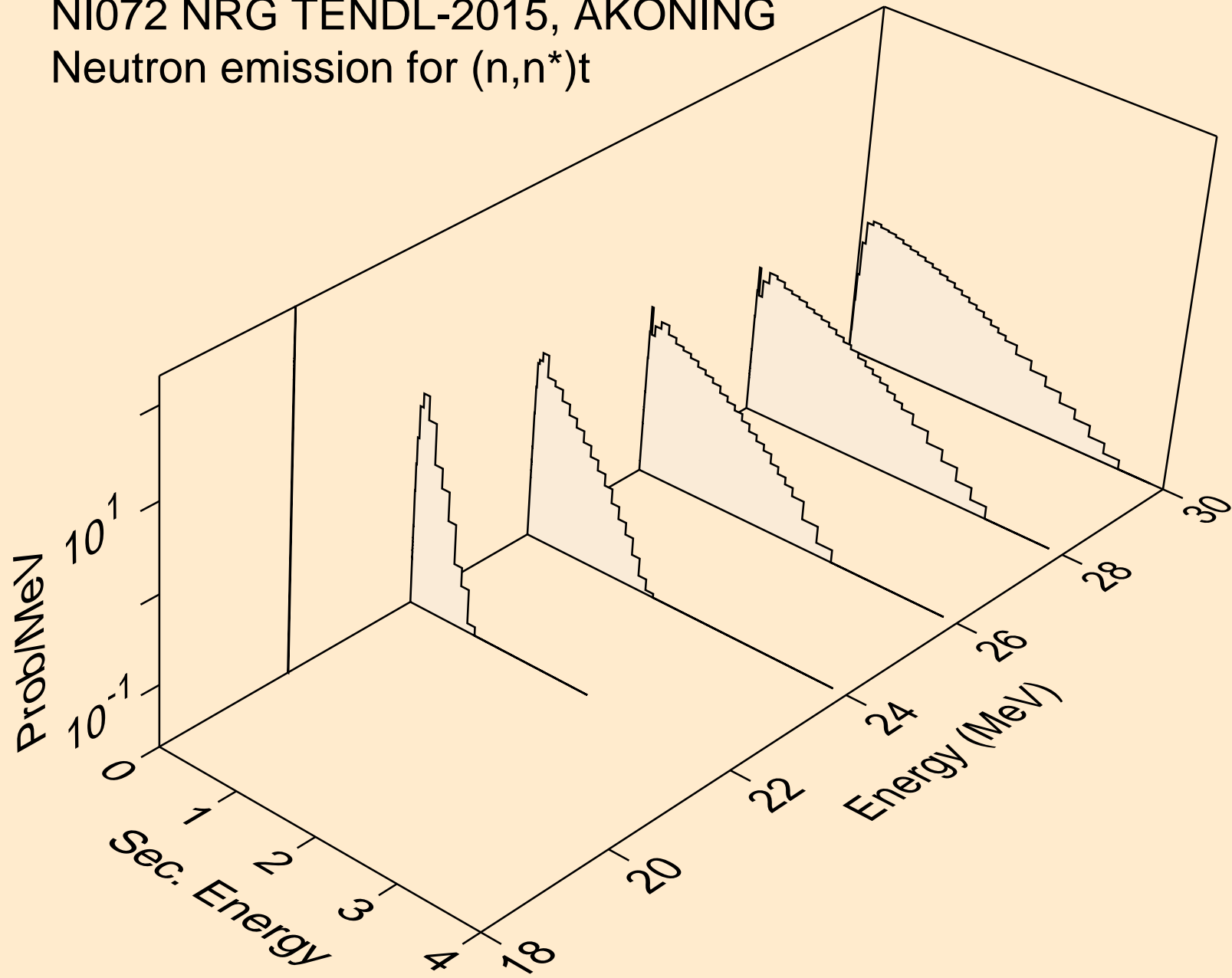
NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

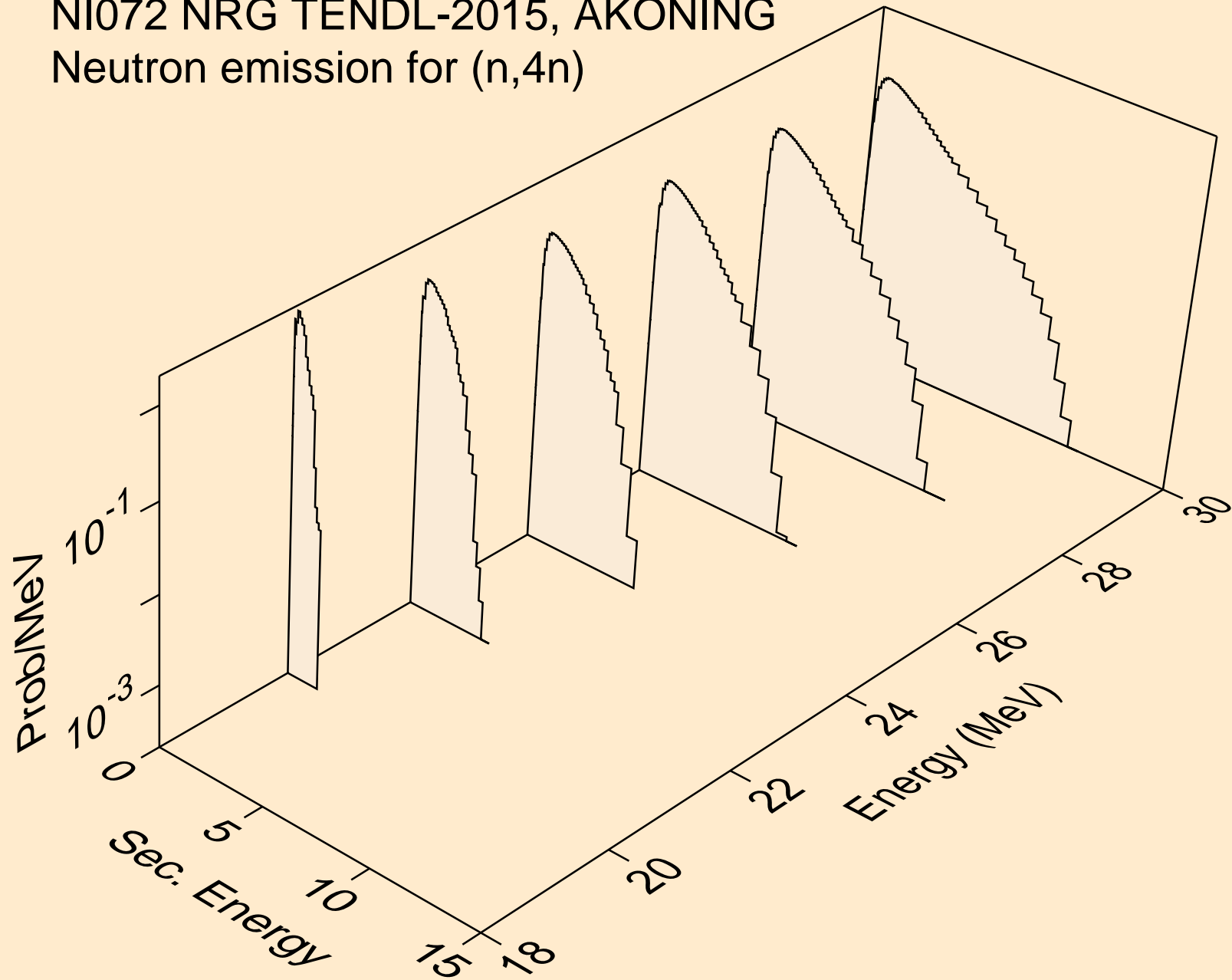


NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

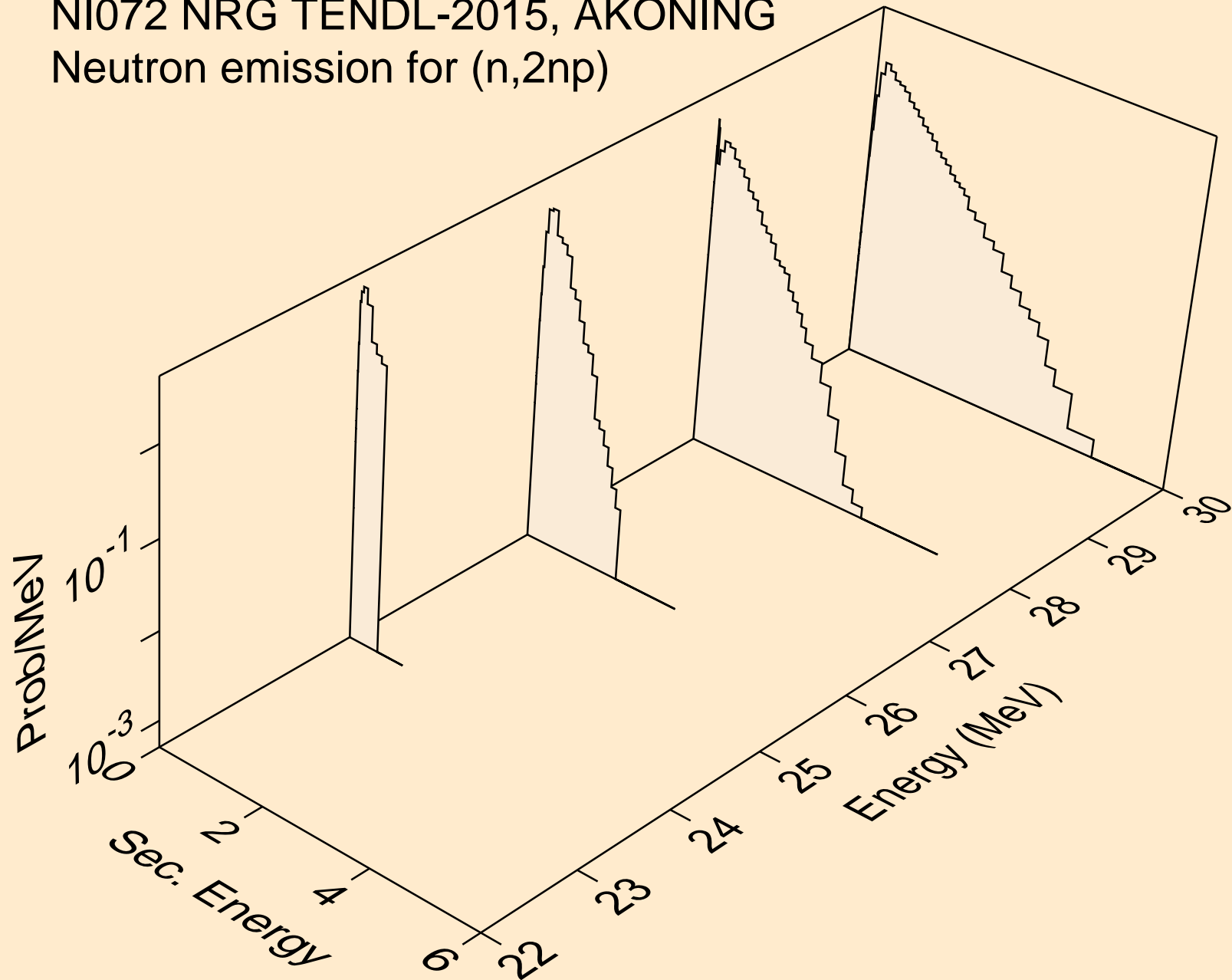




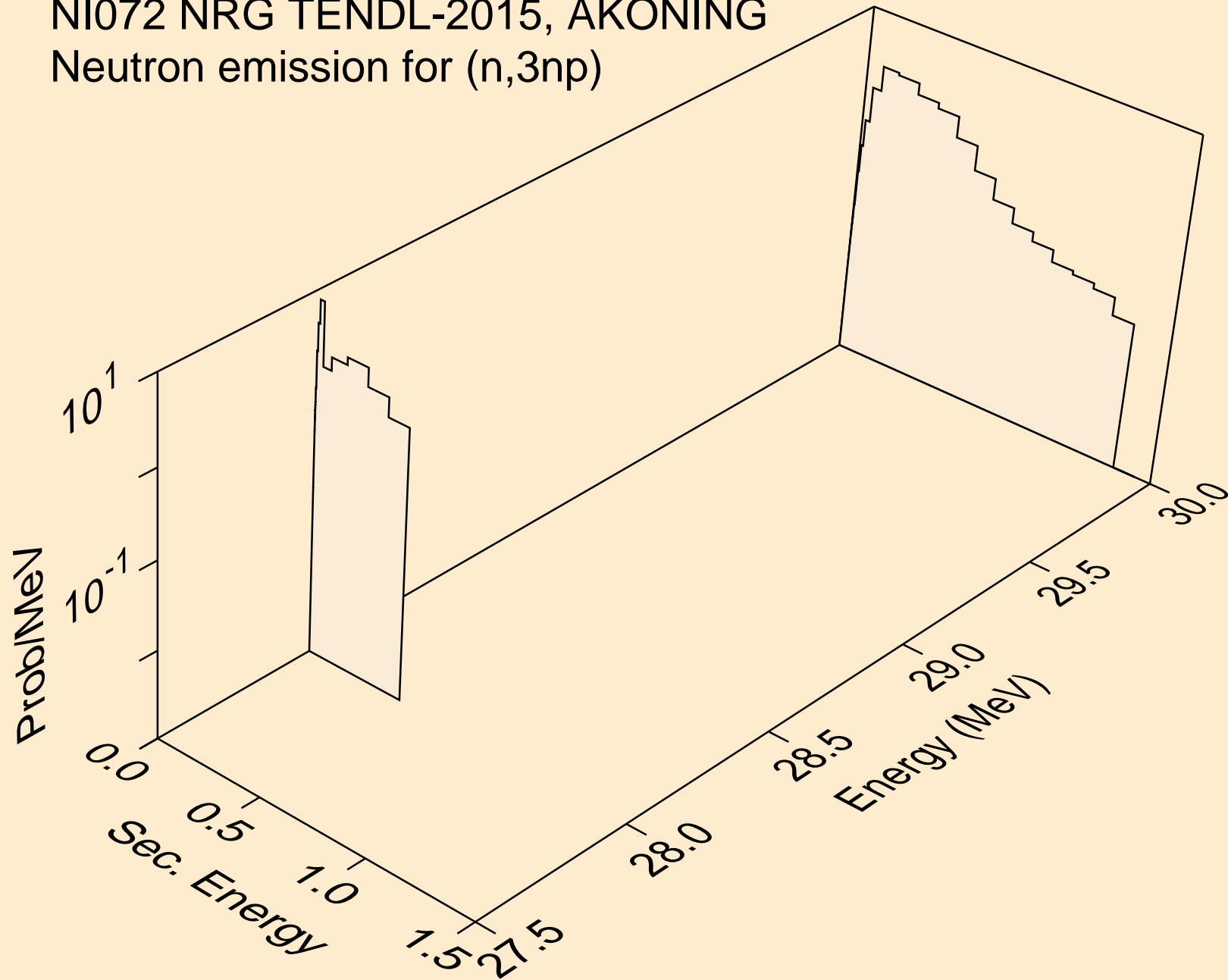
NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



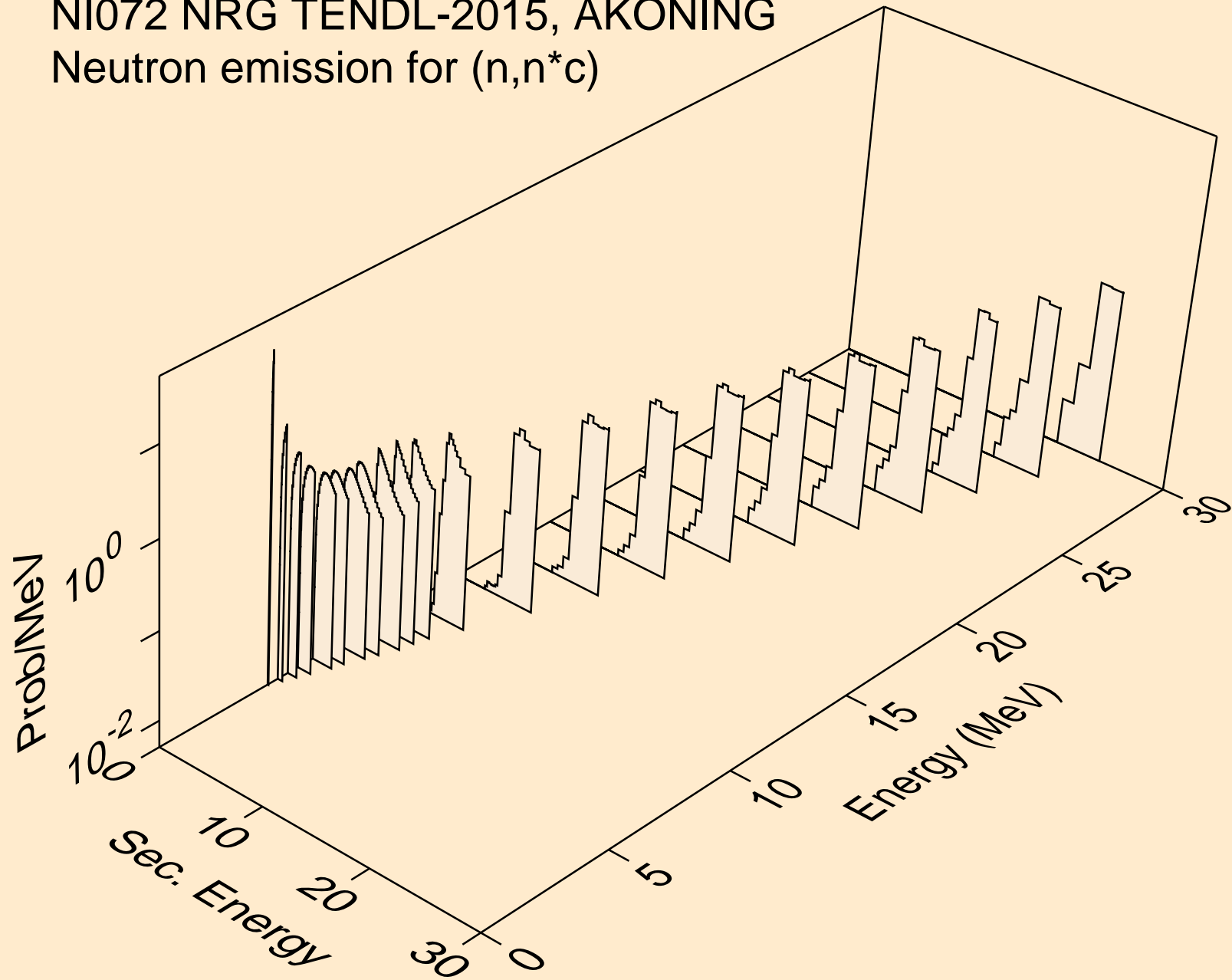
NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



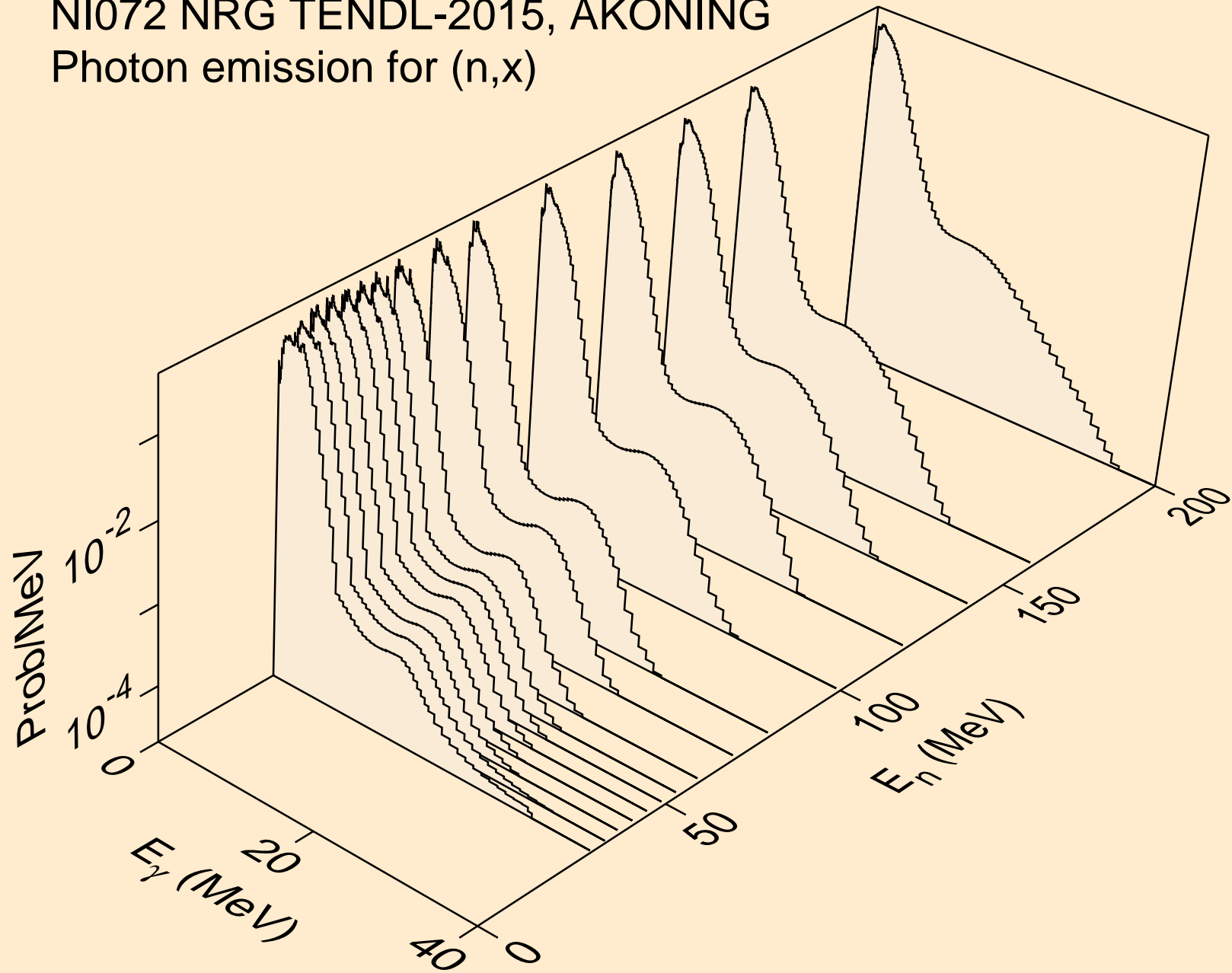
NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



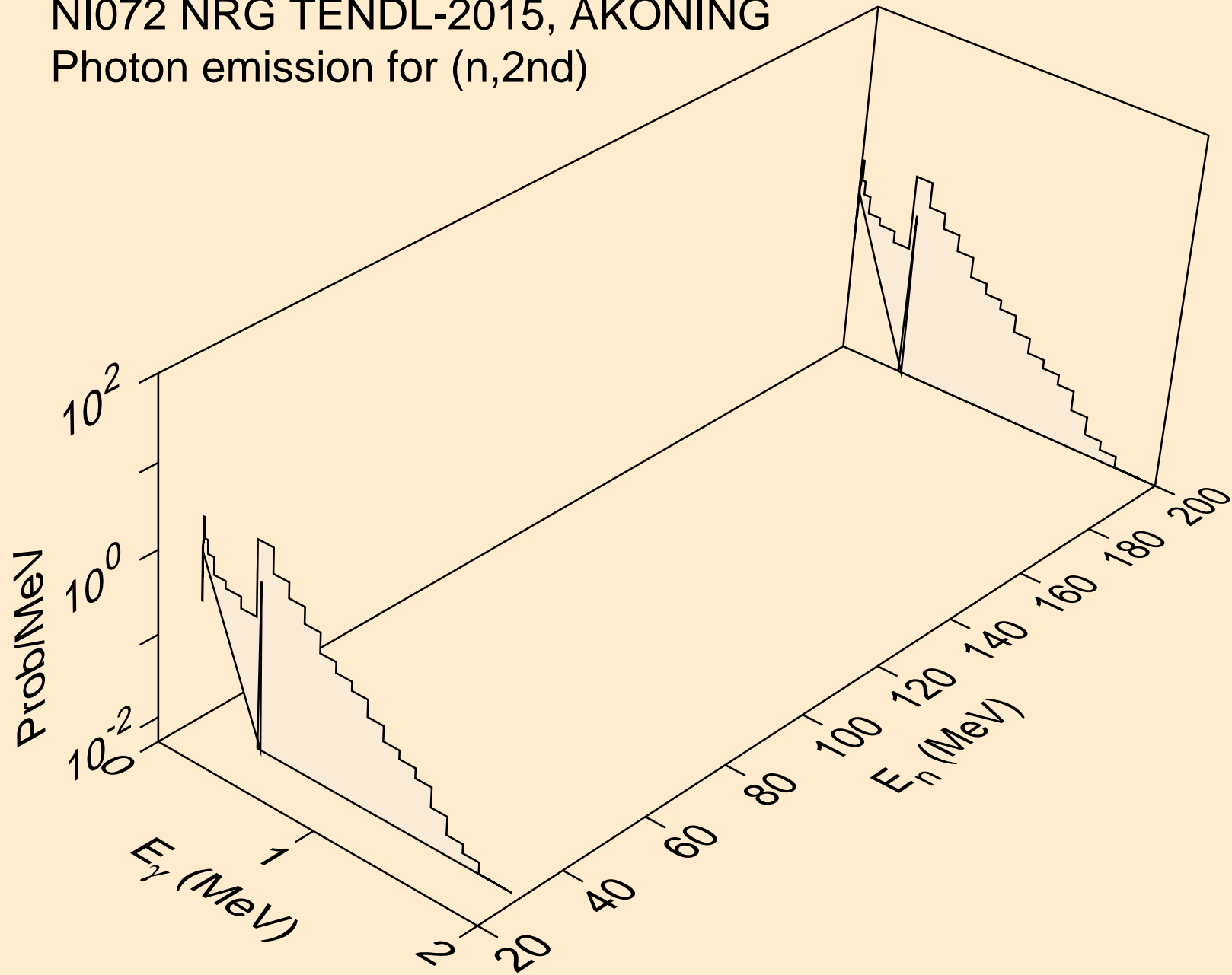
NI072 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



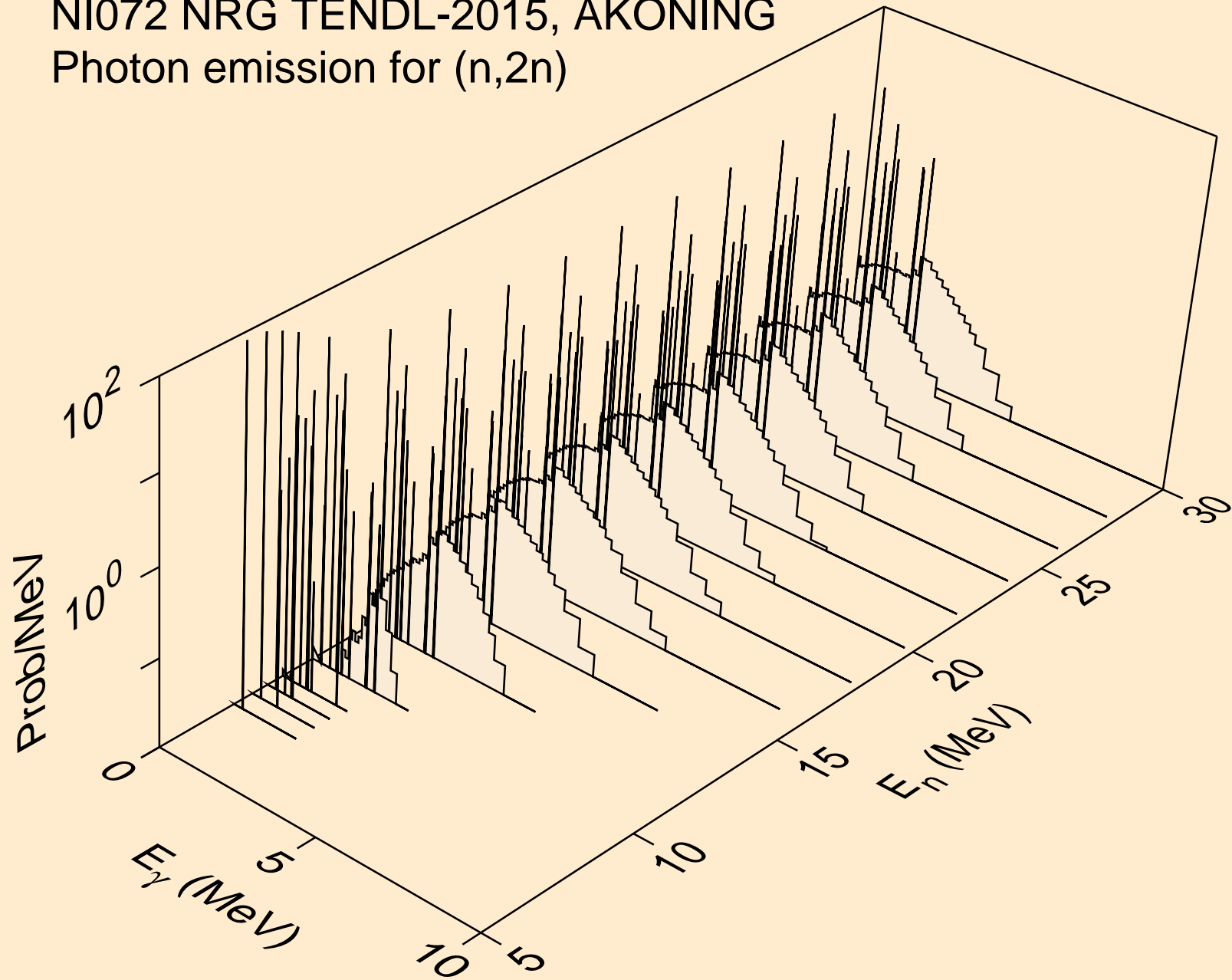
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



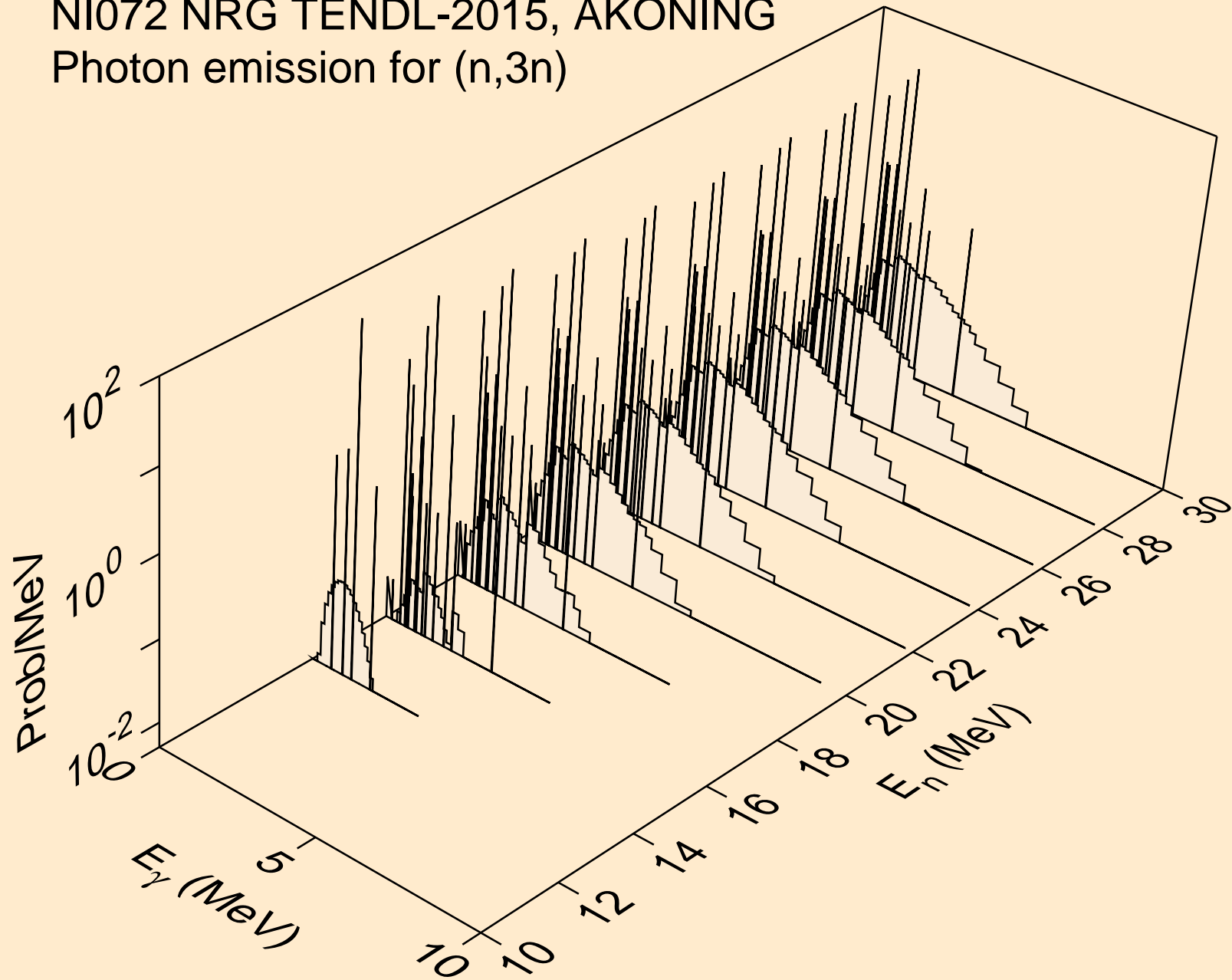
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

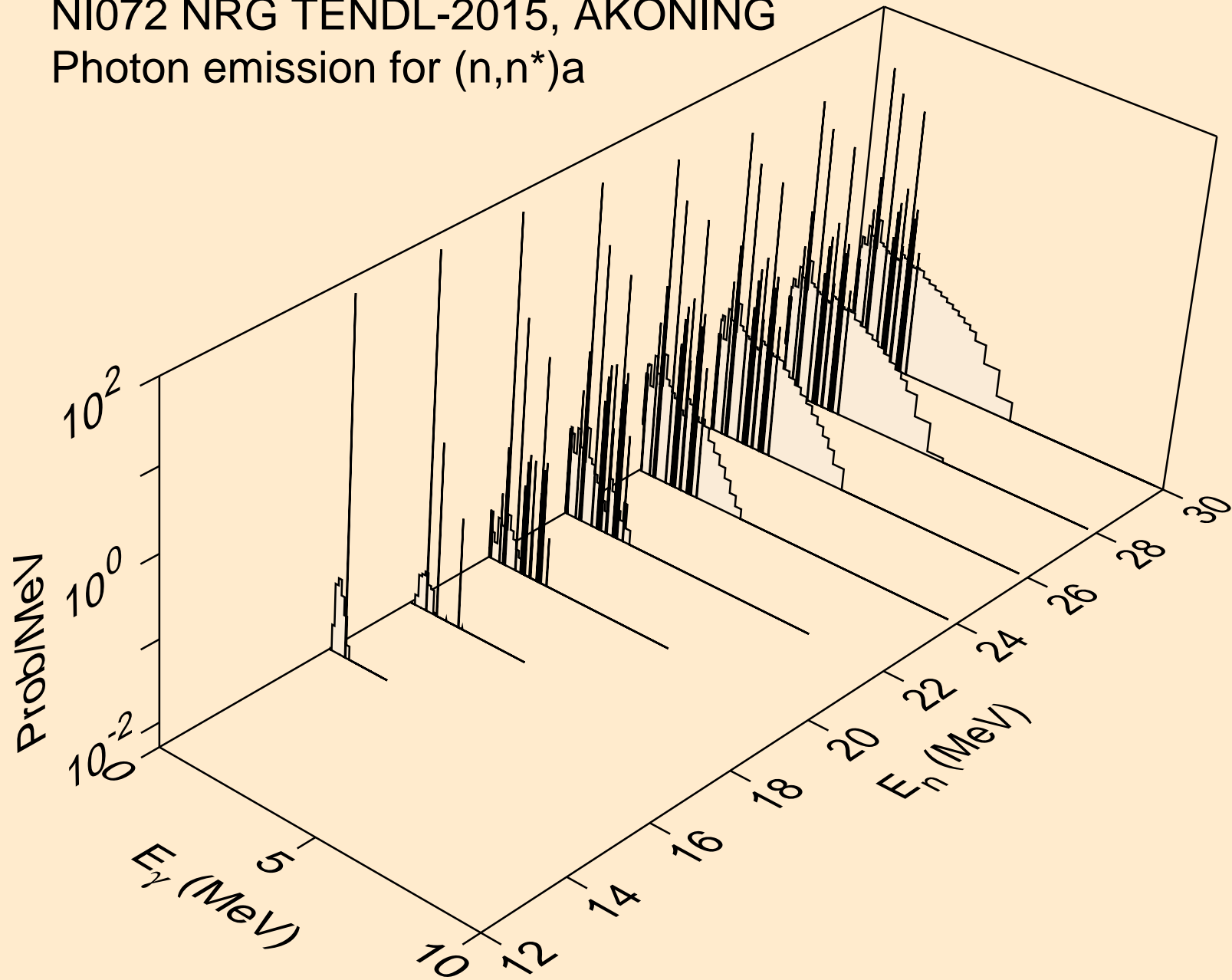


NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

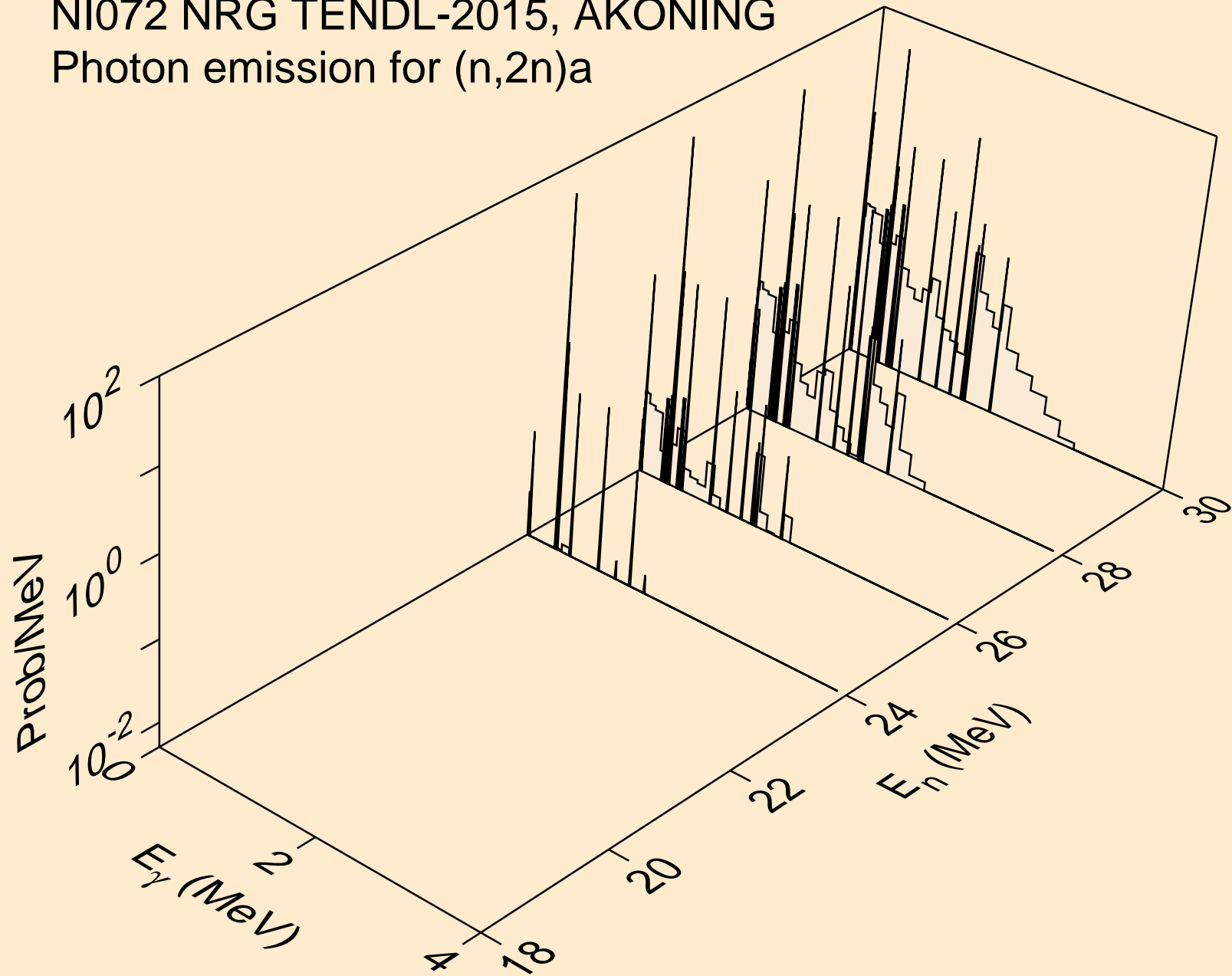




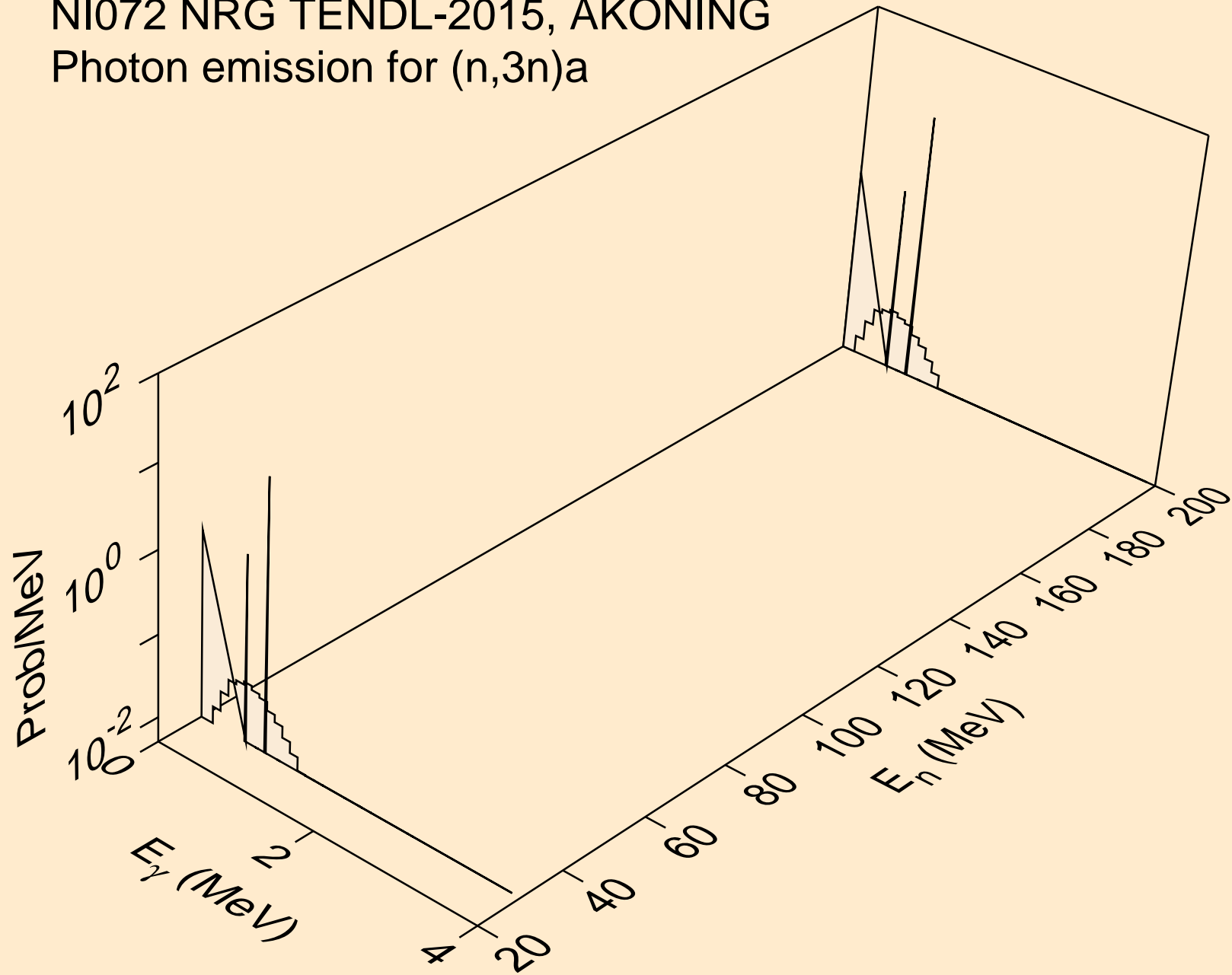
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



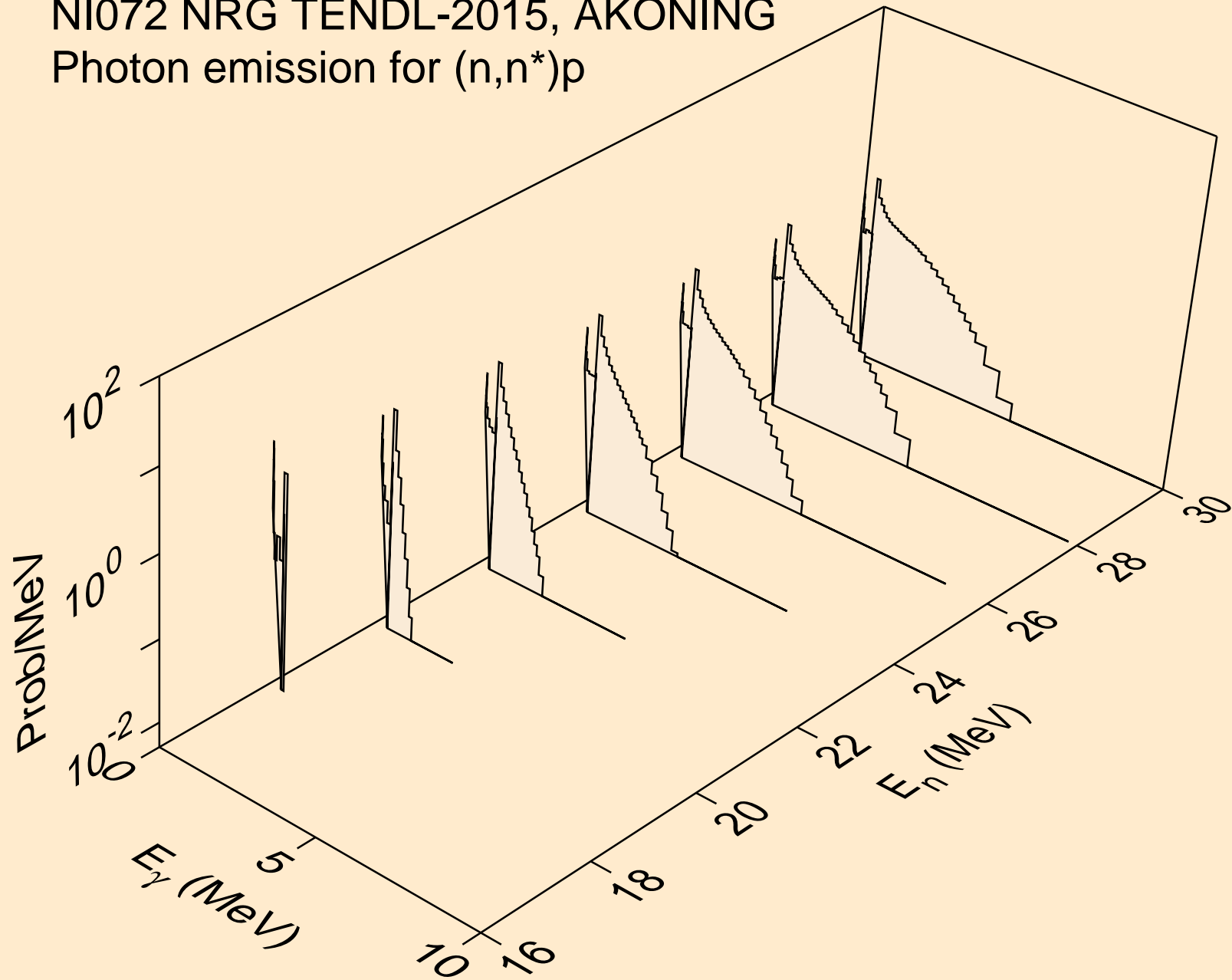
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



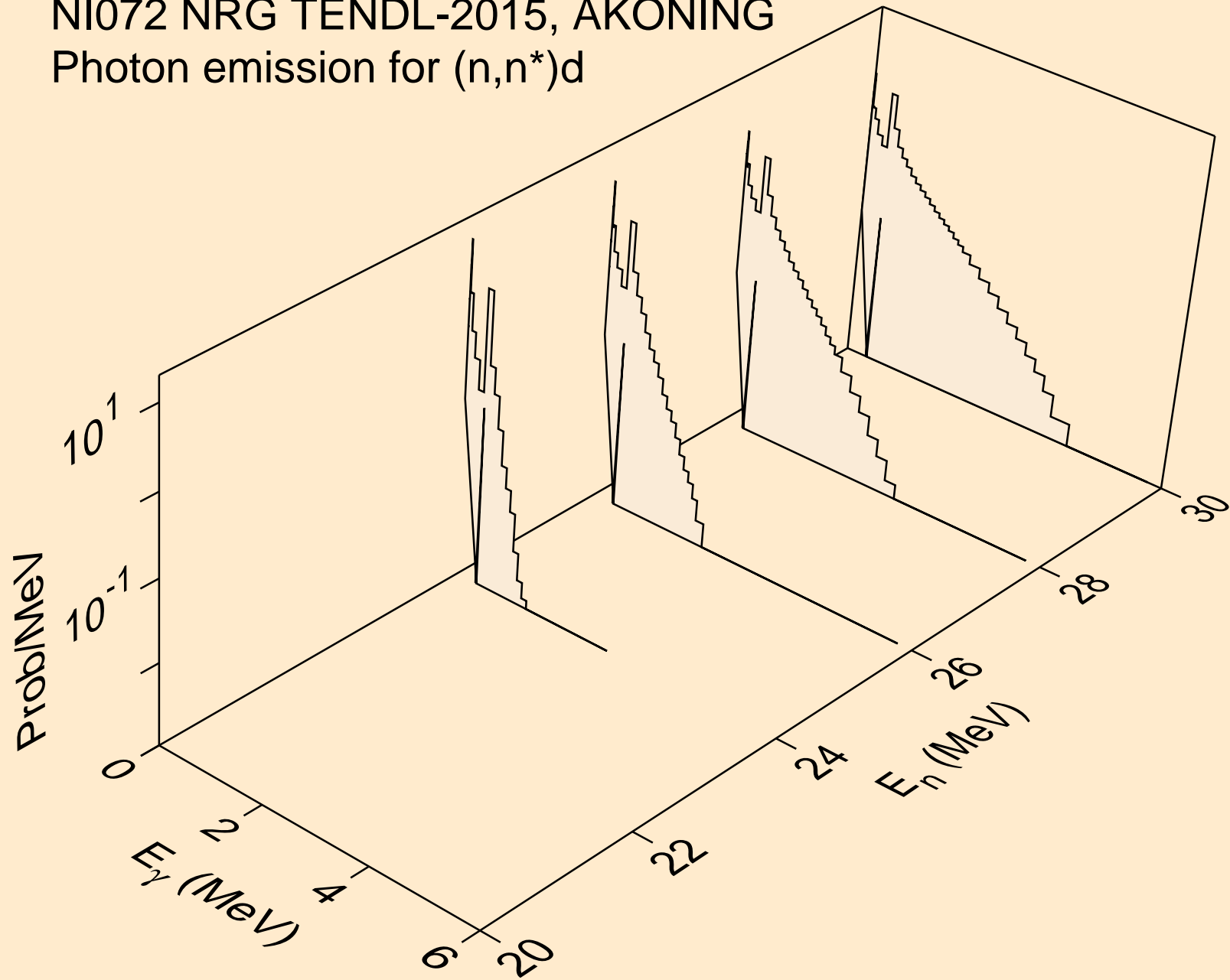
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



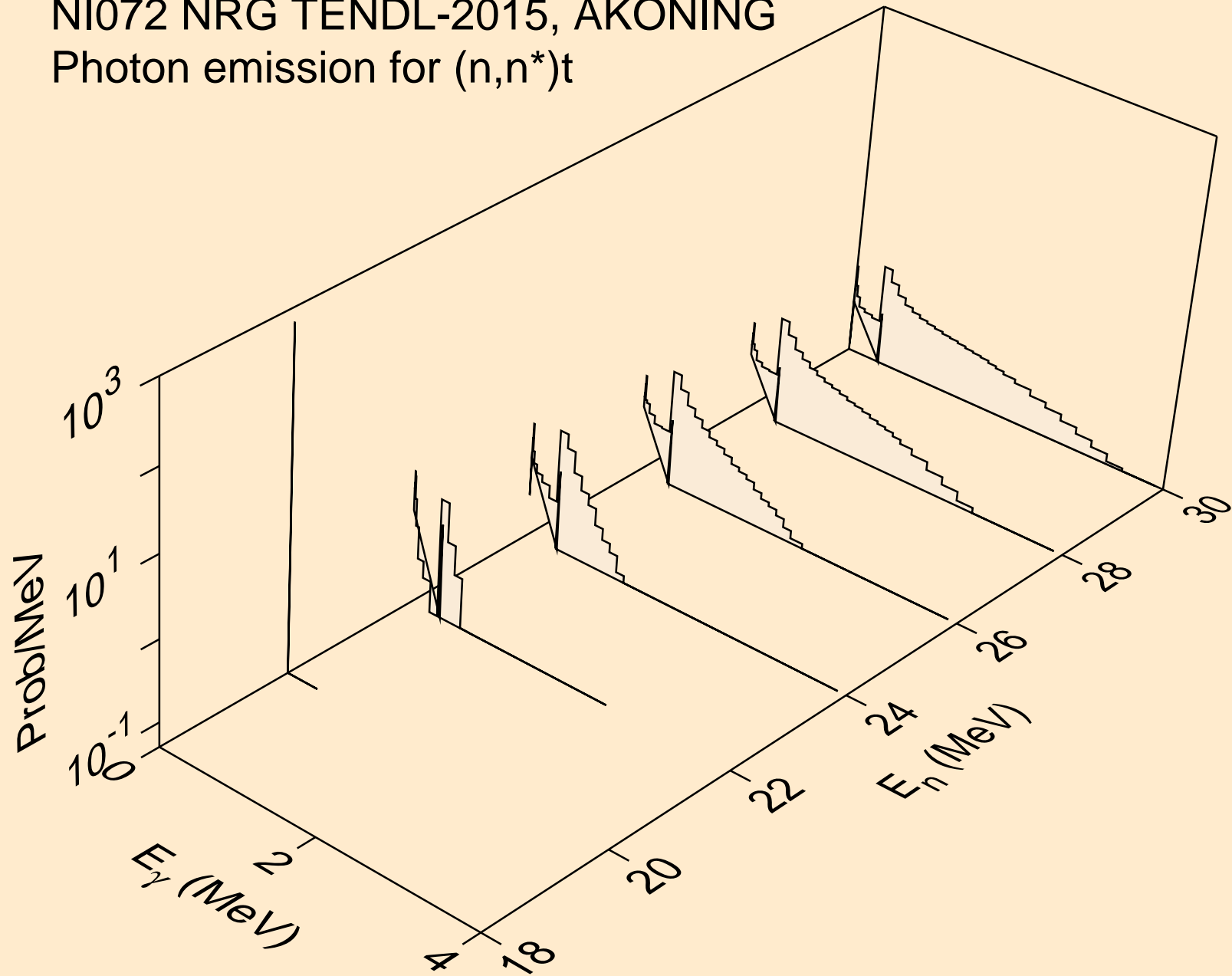
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



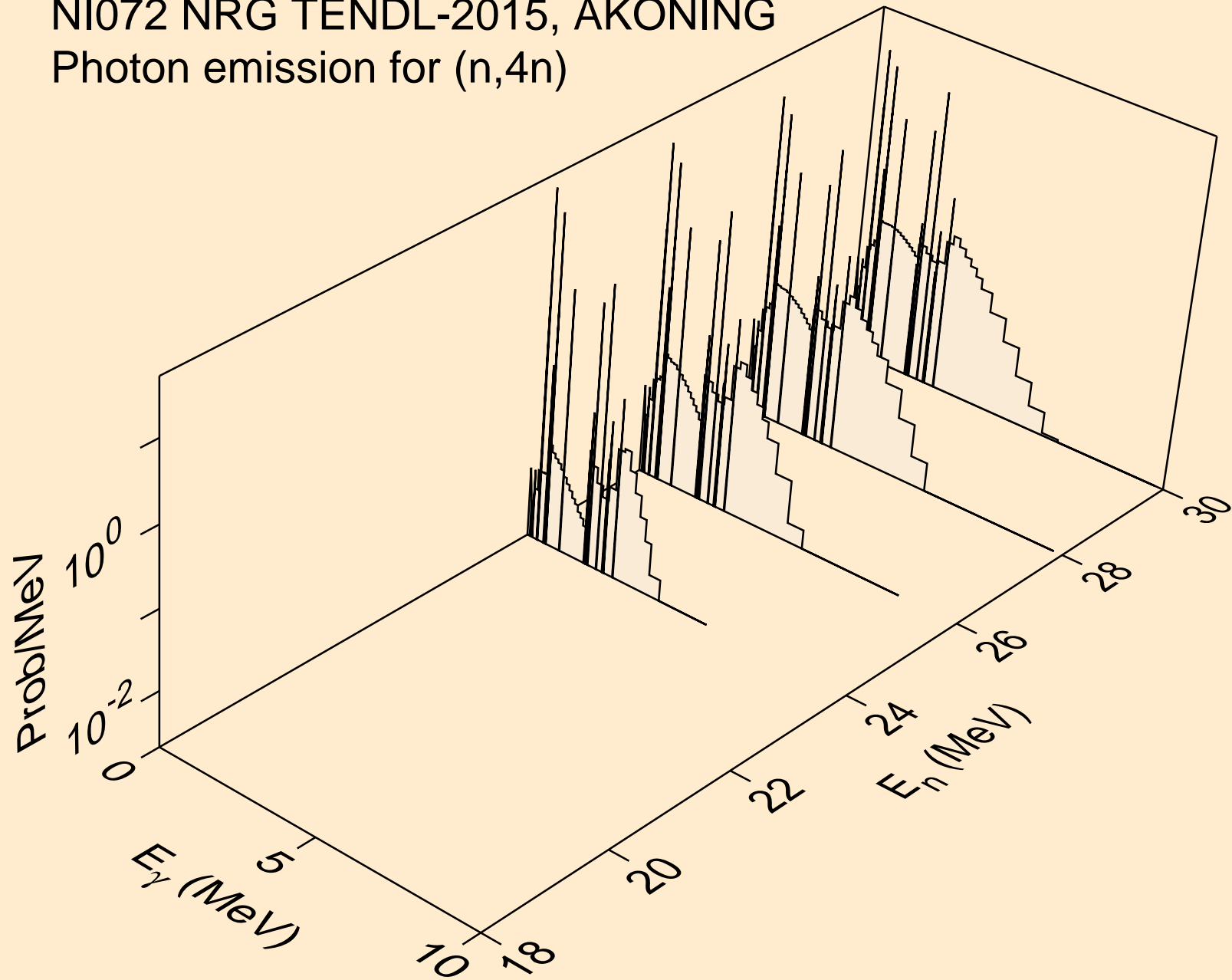
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



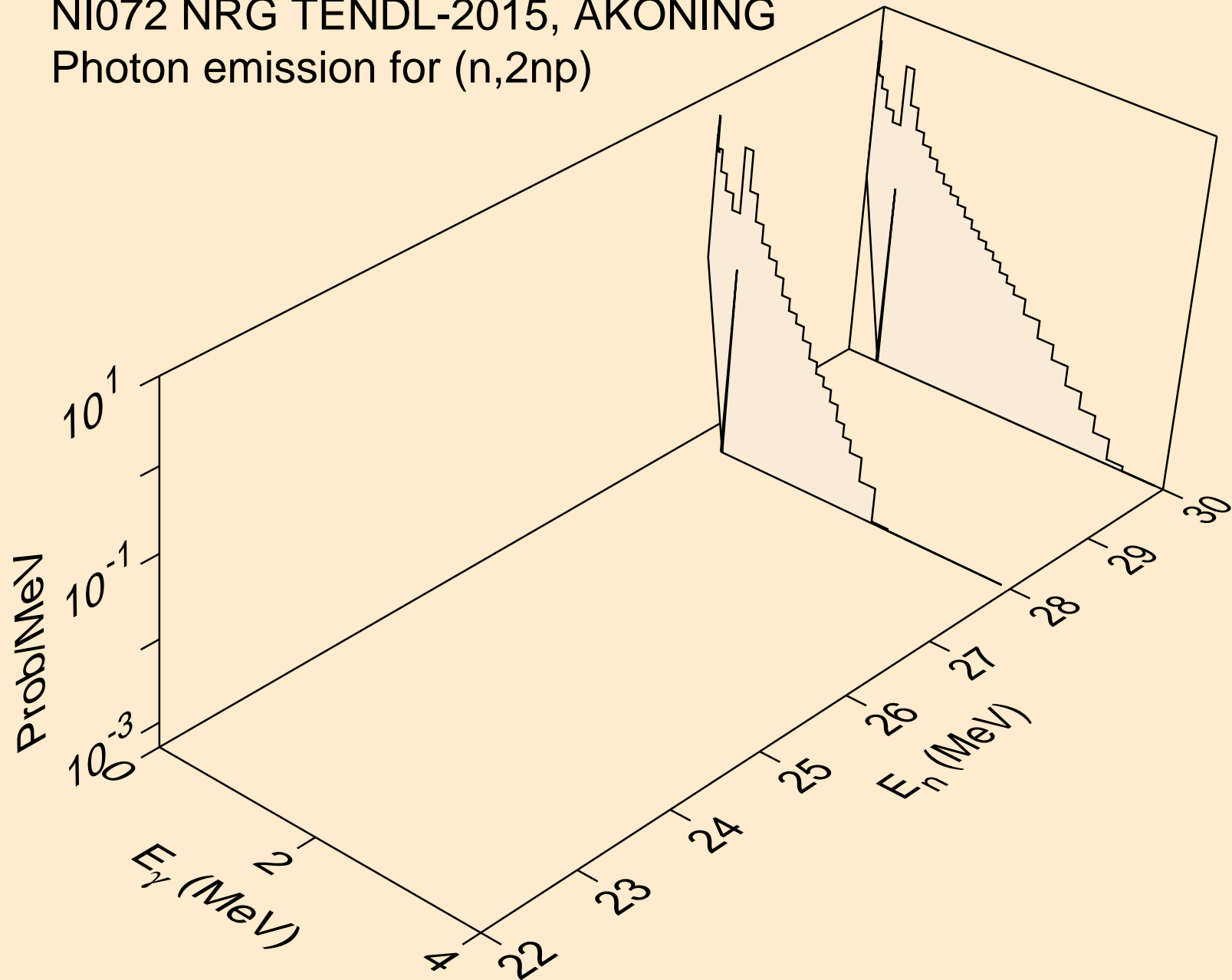
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

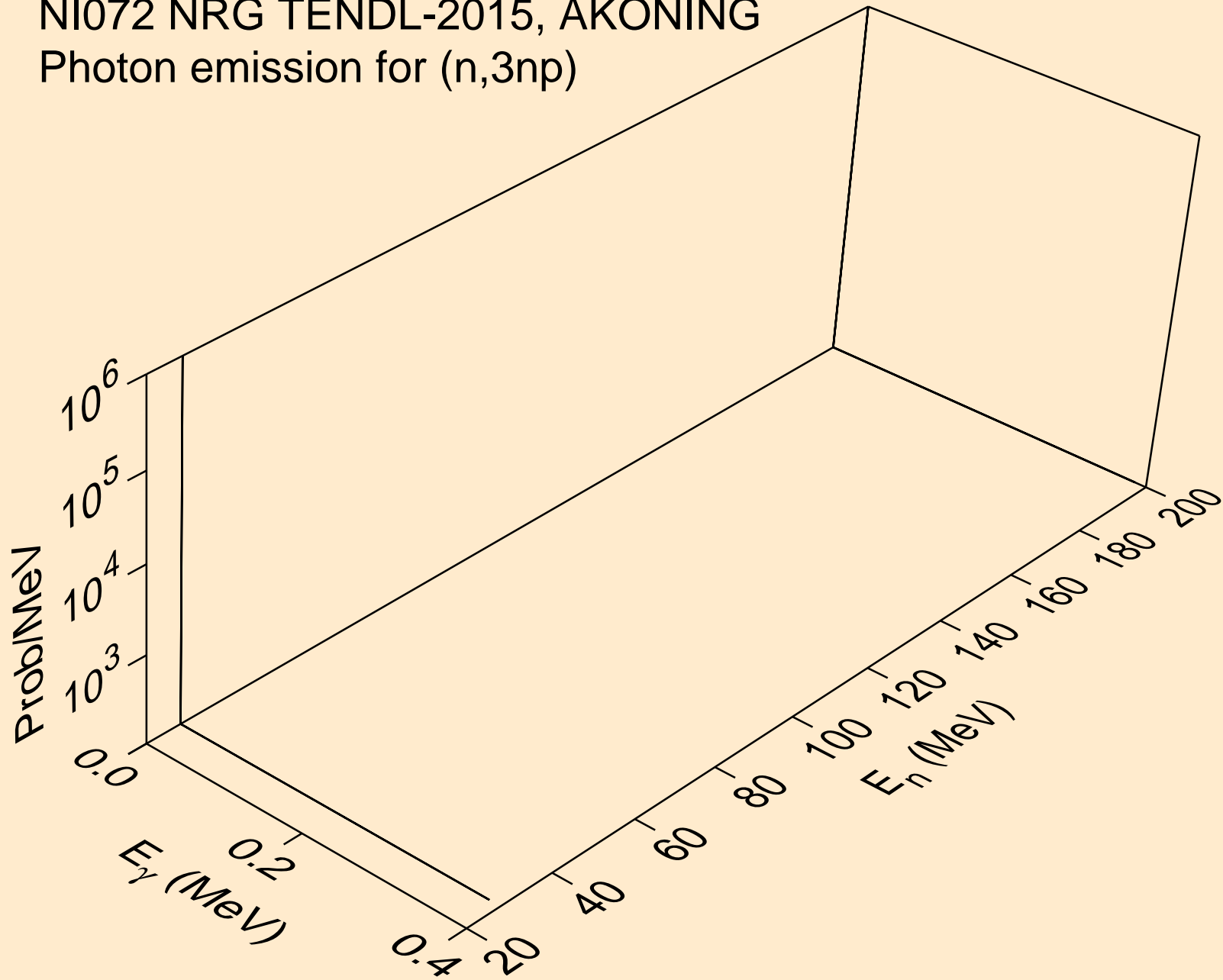


NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

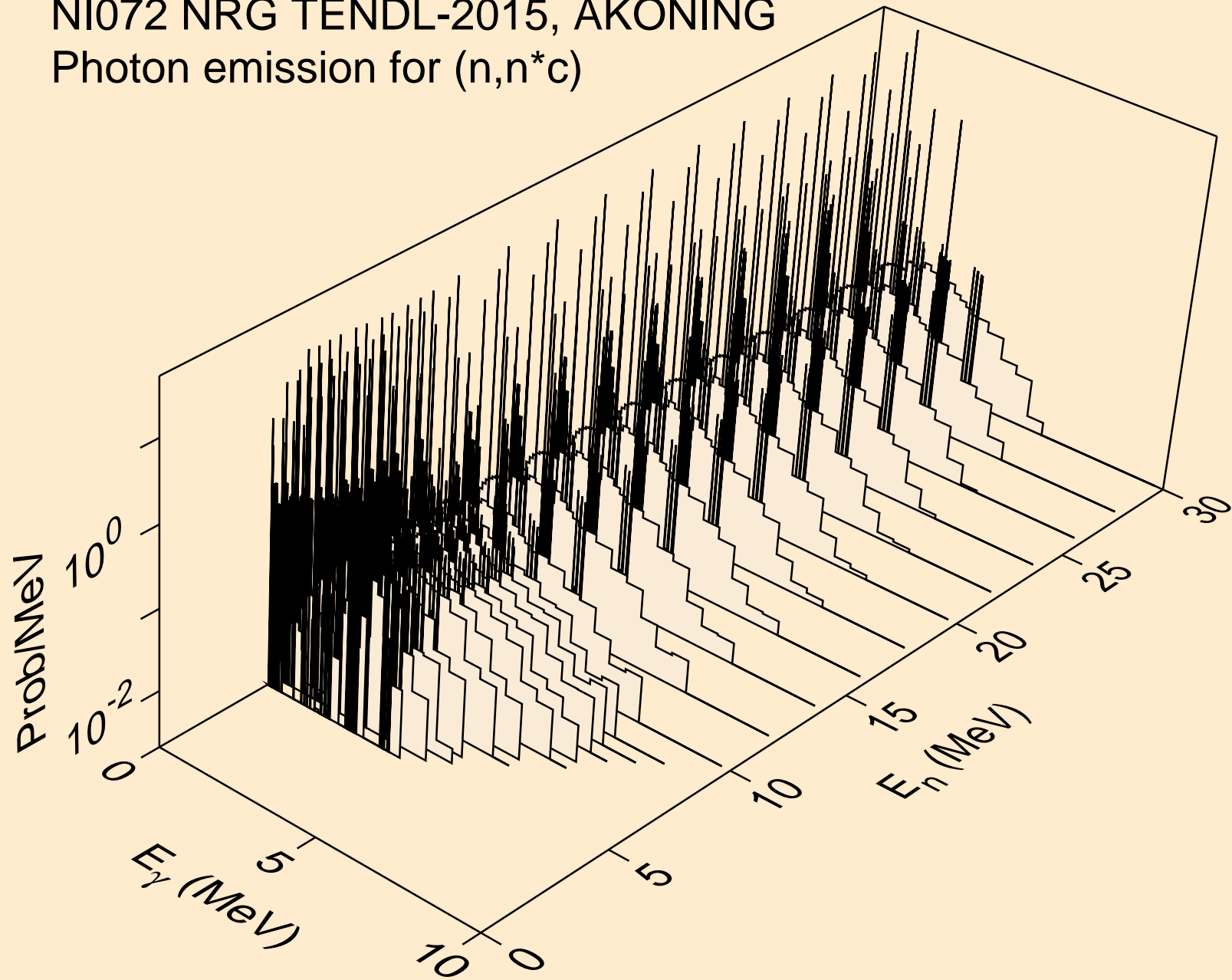




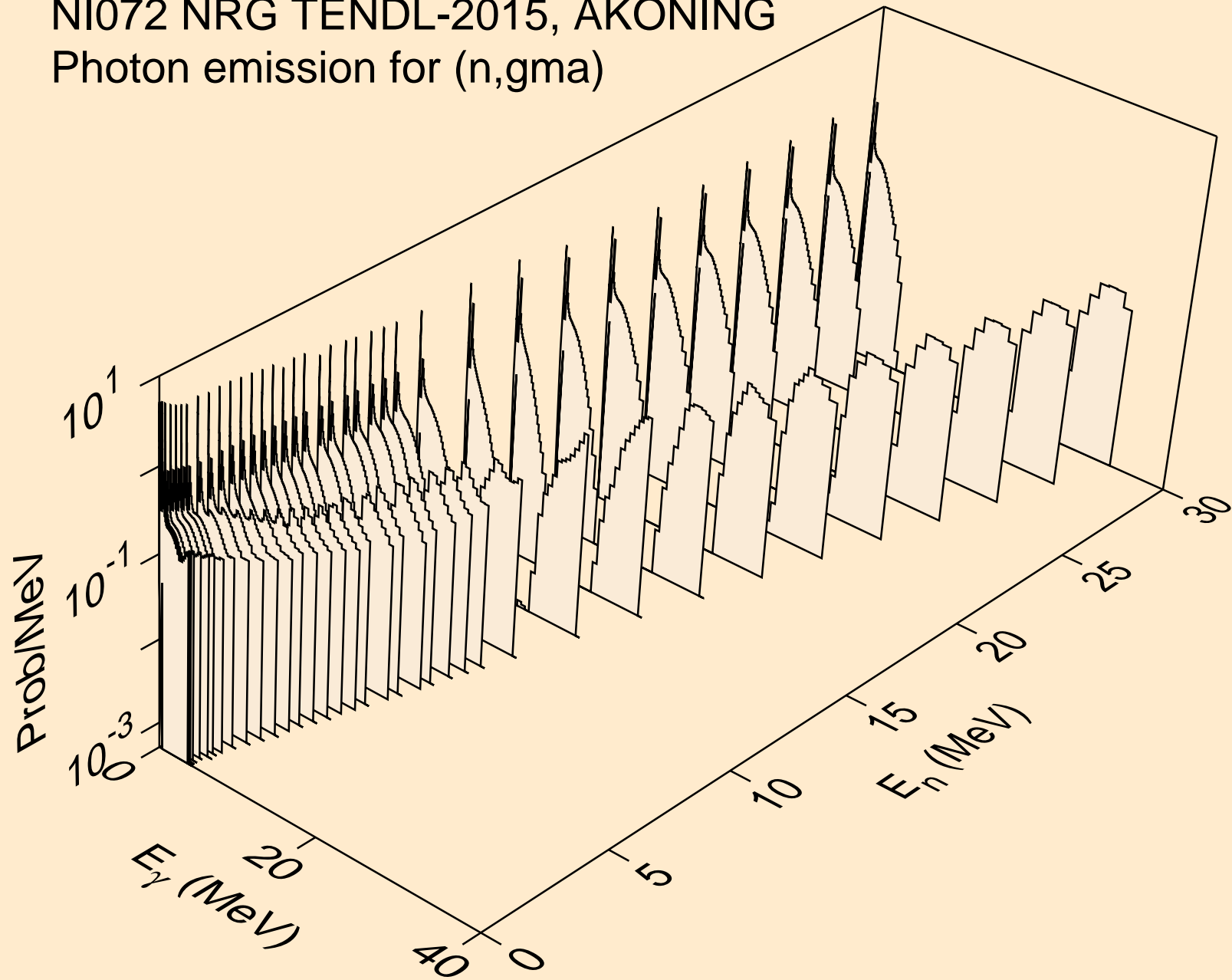
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



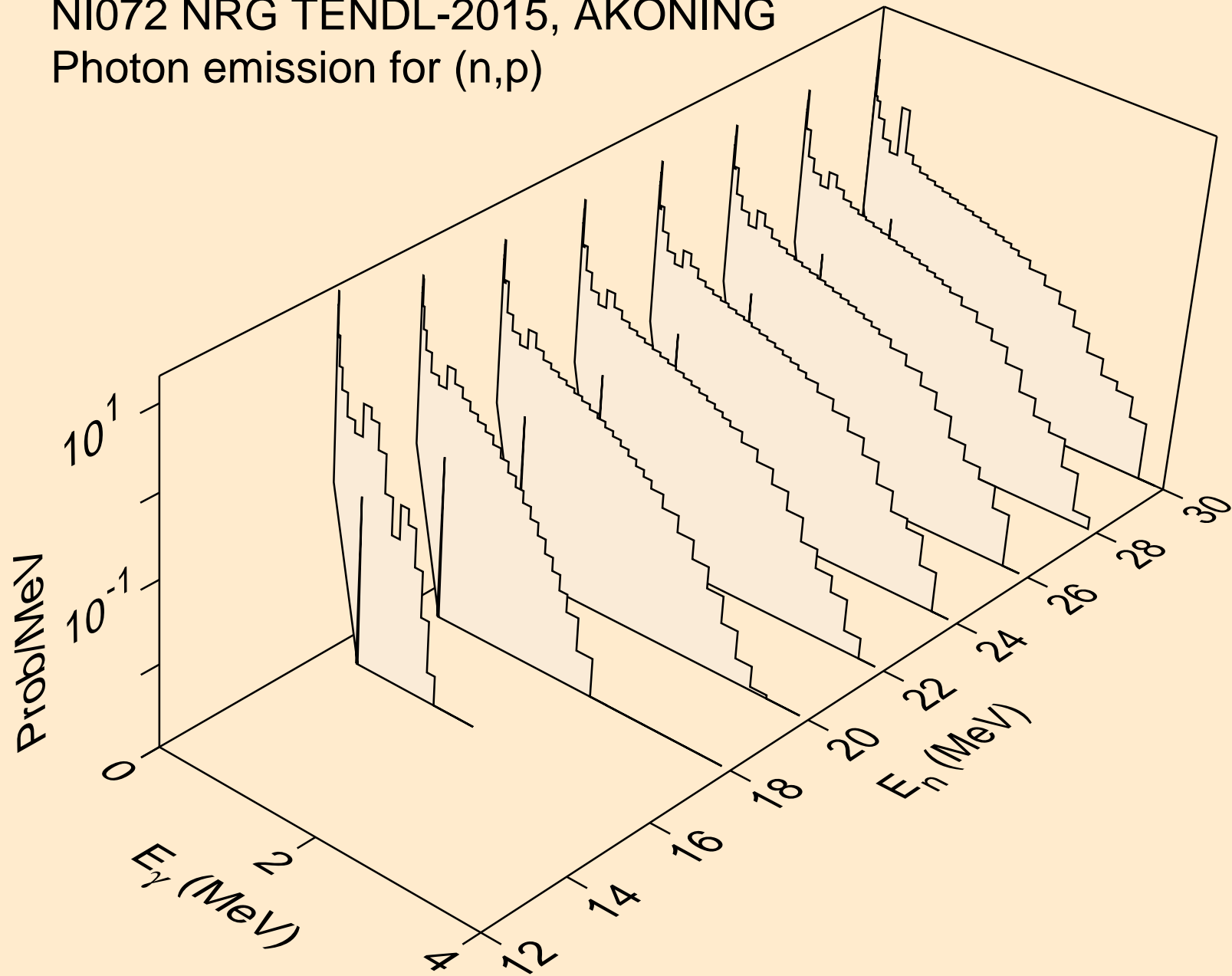
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



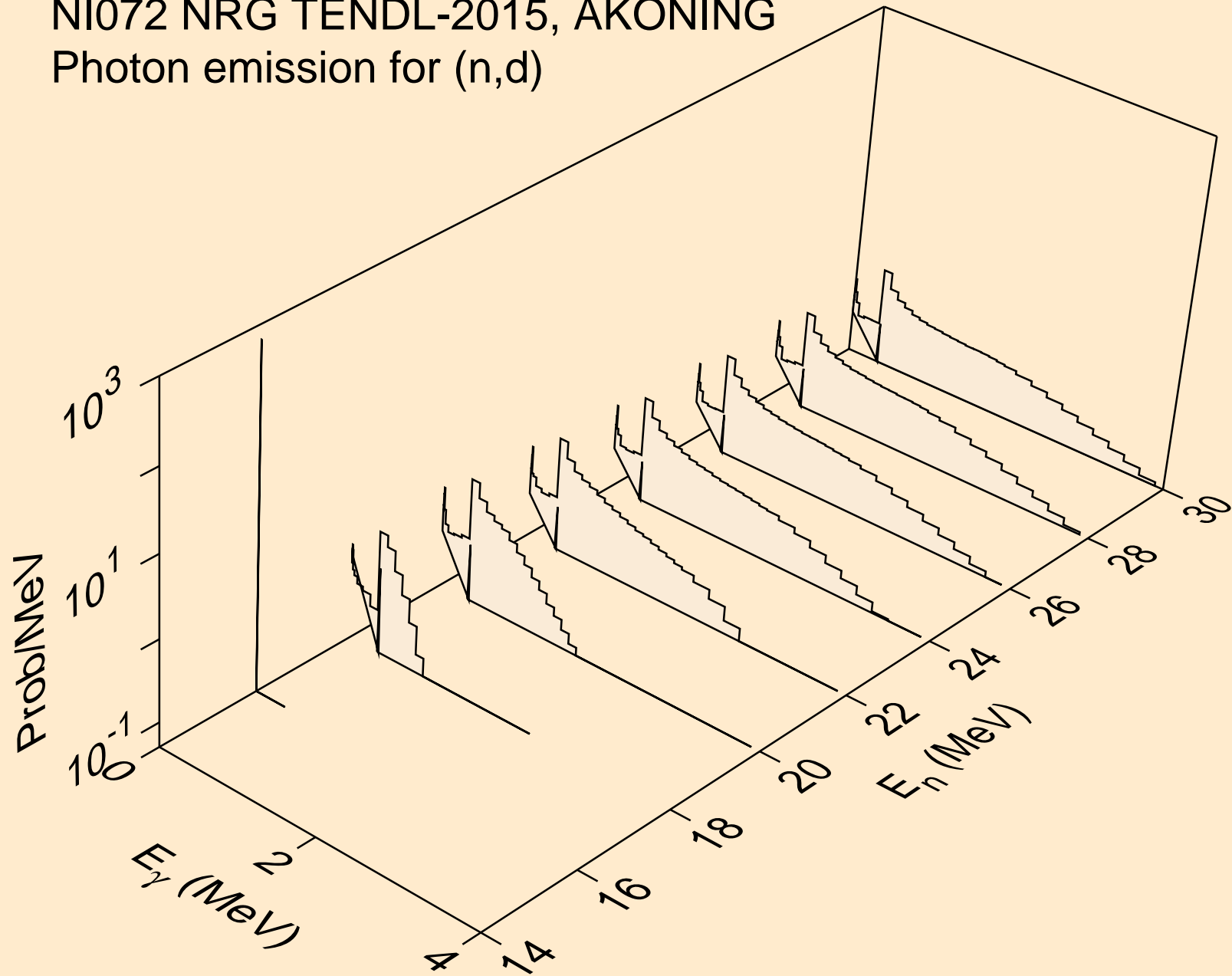
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



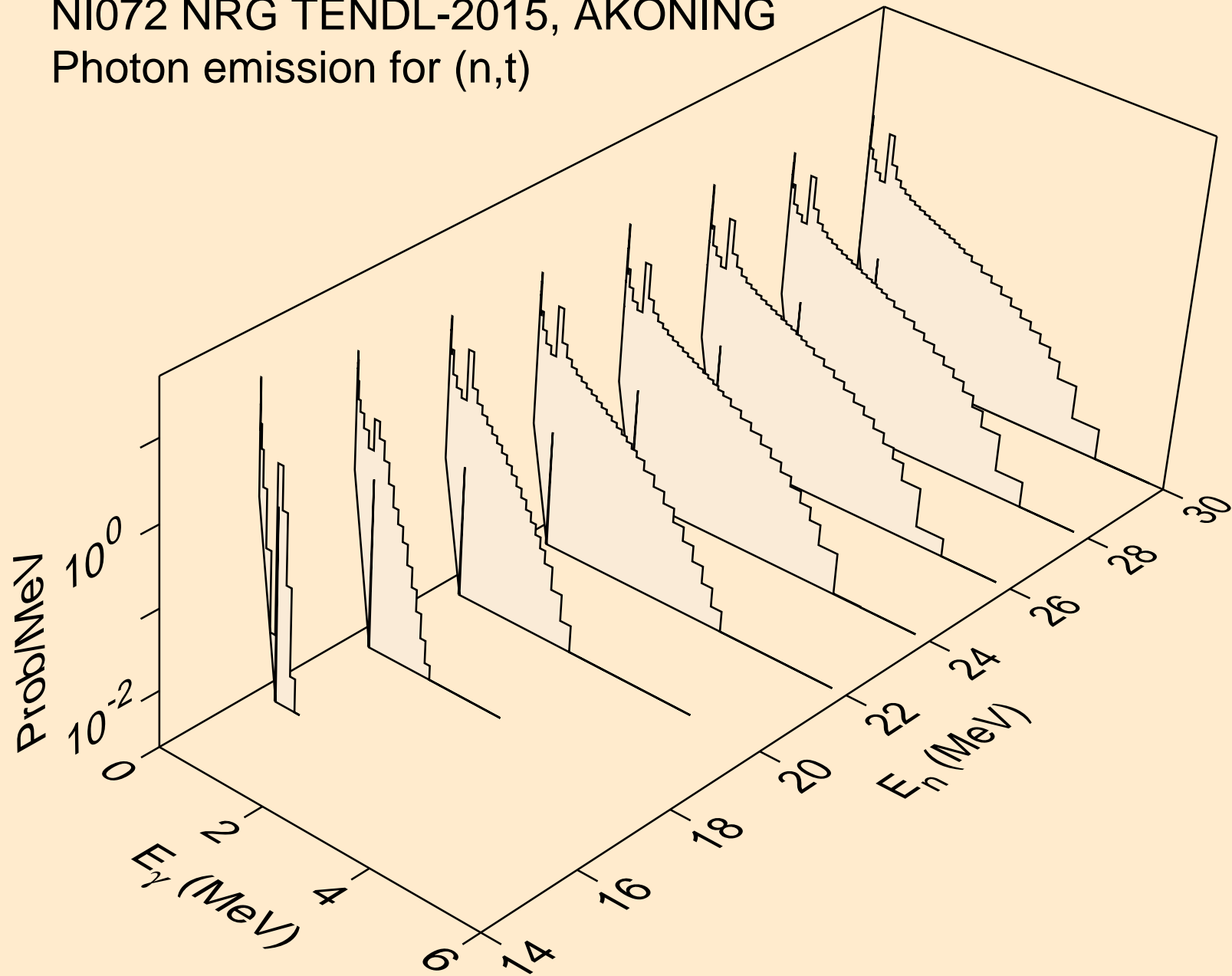
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



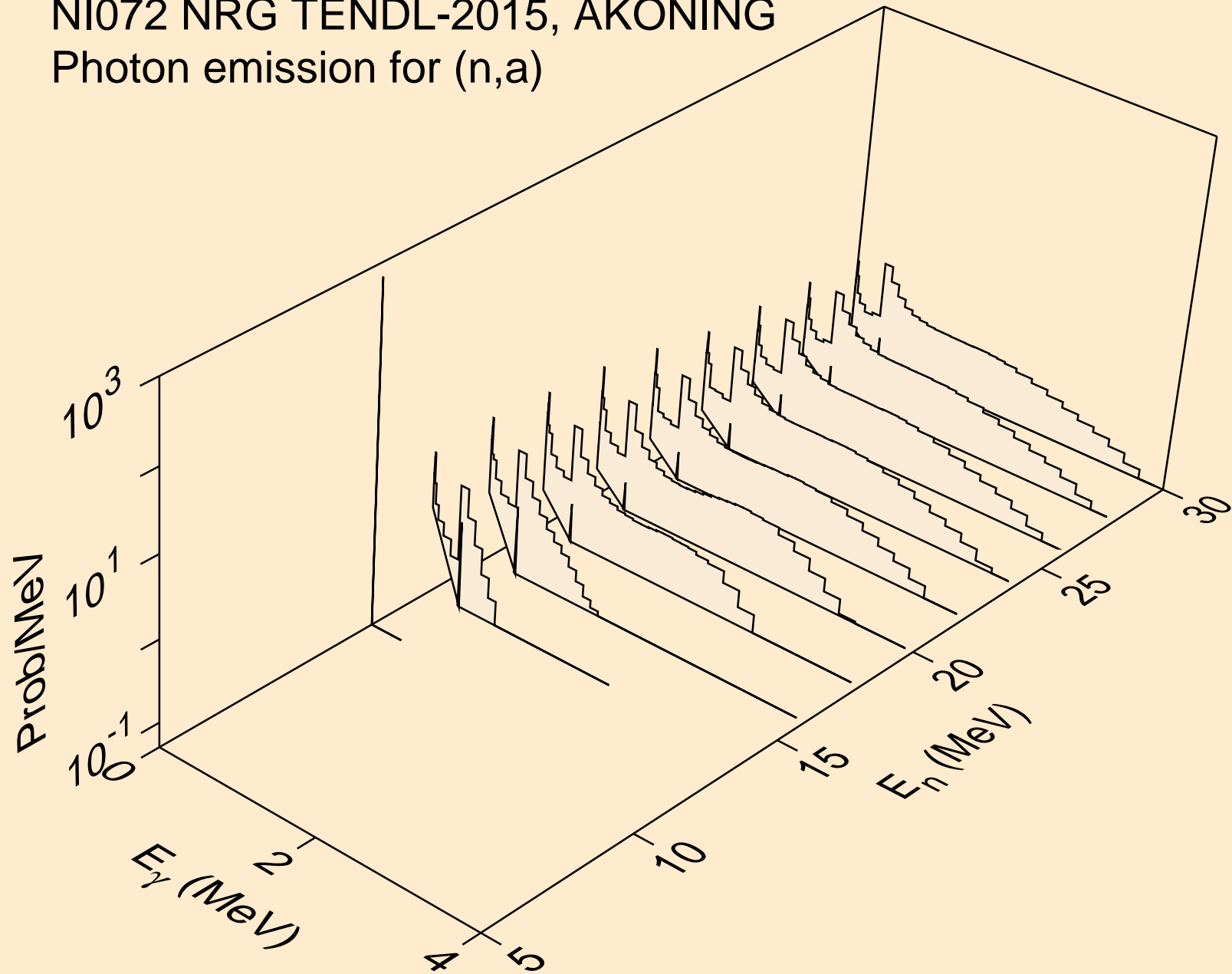
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



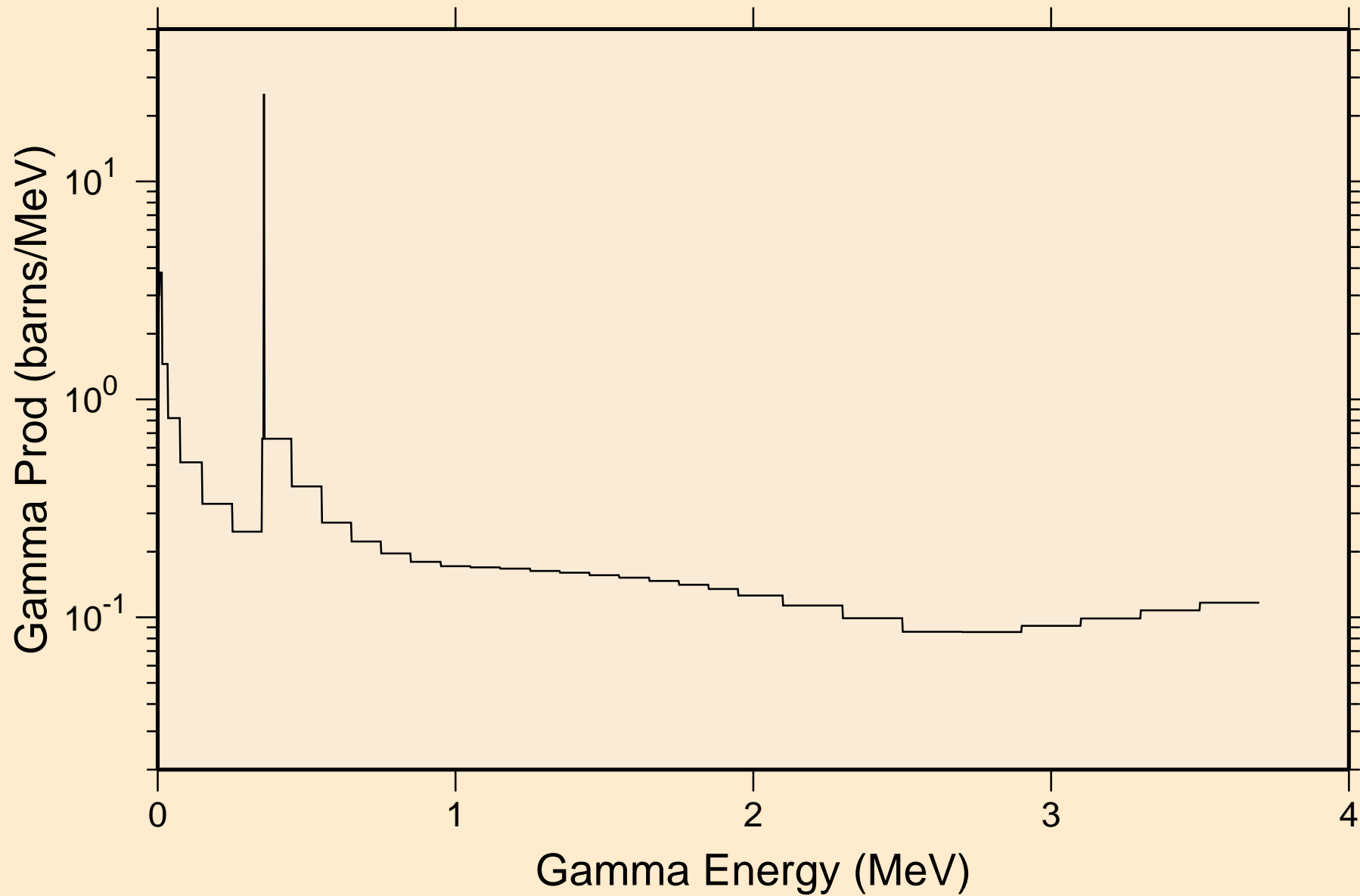
NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



NI072 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

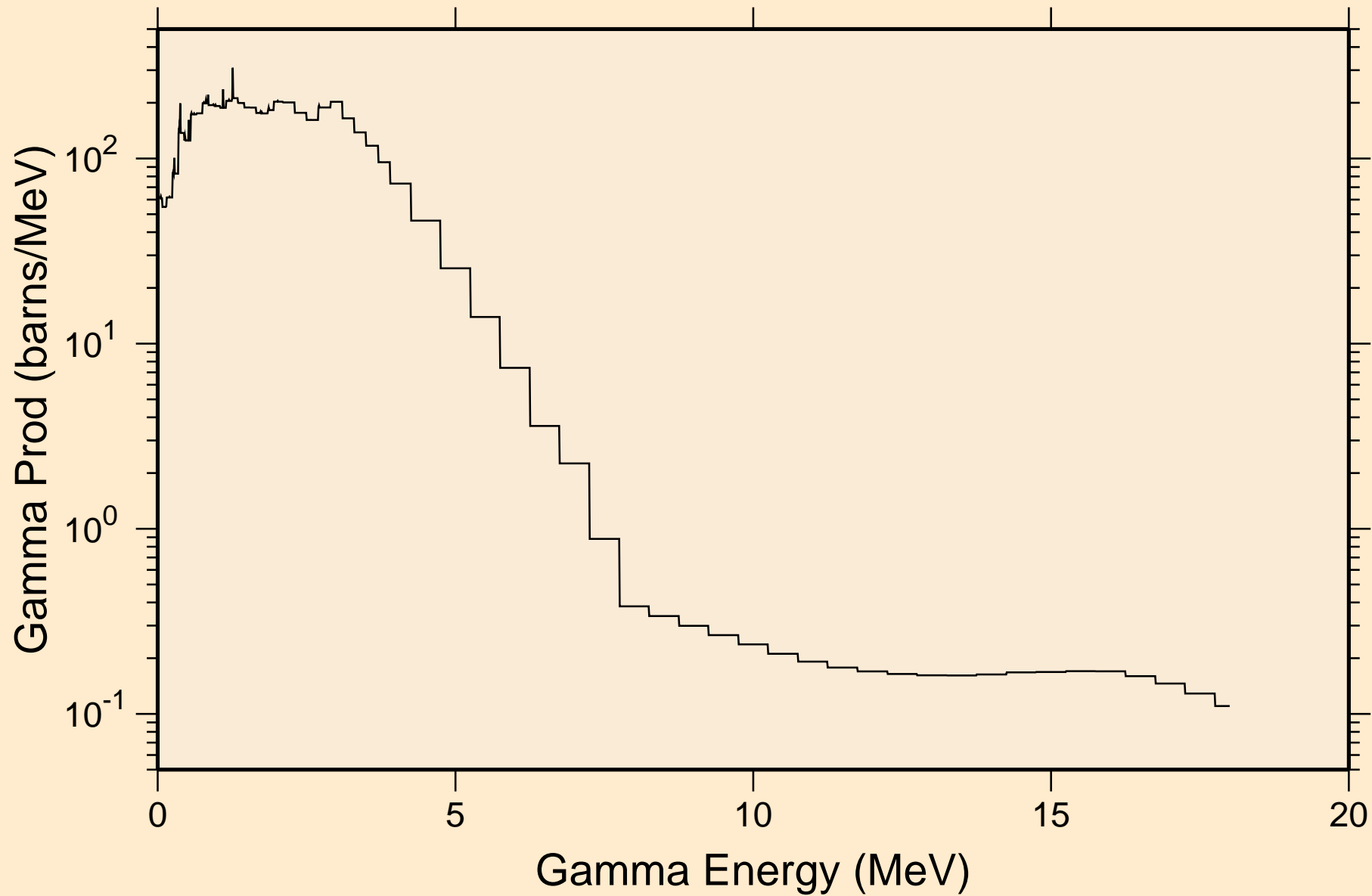


NI072 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



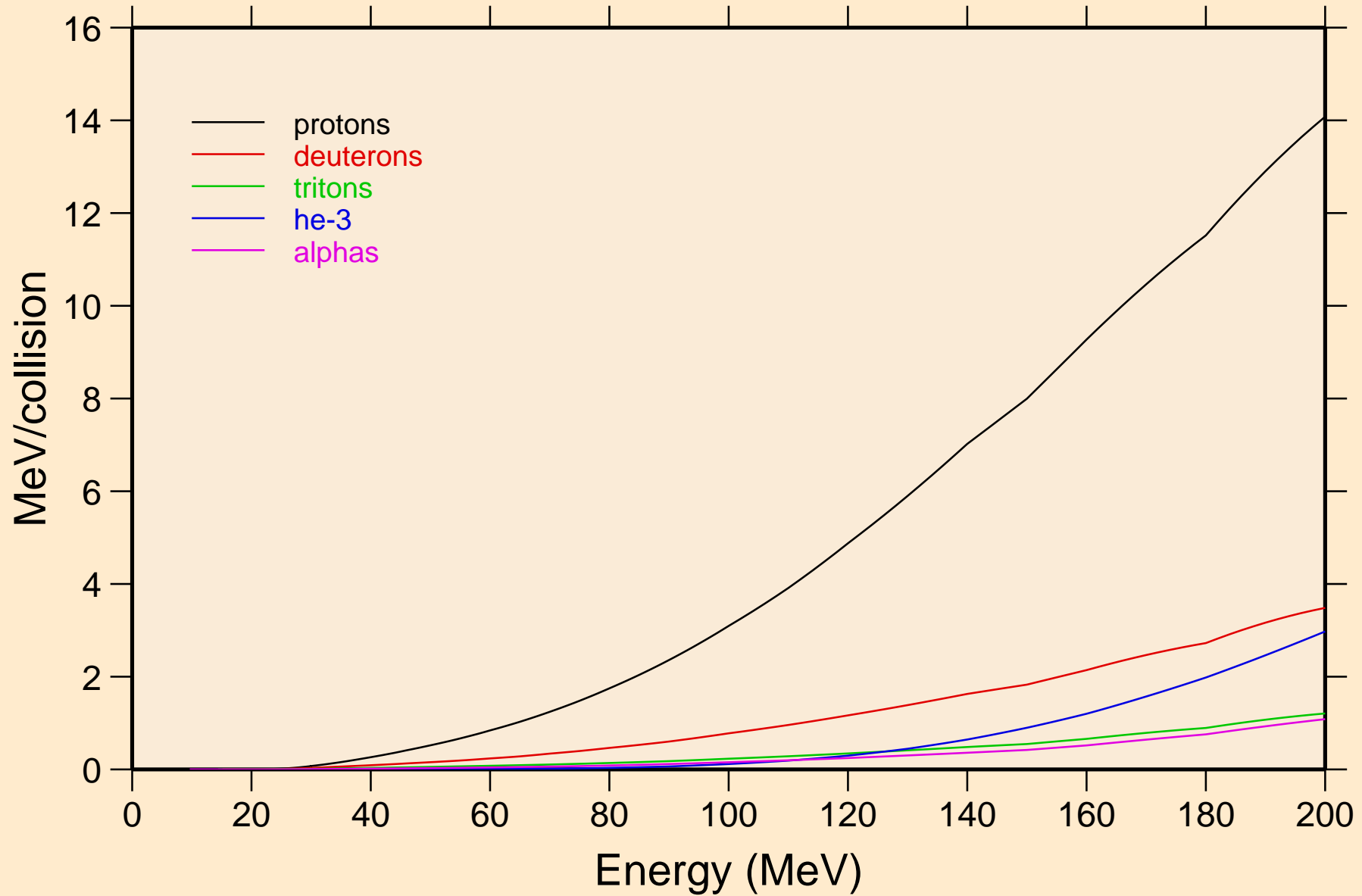


NI072 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



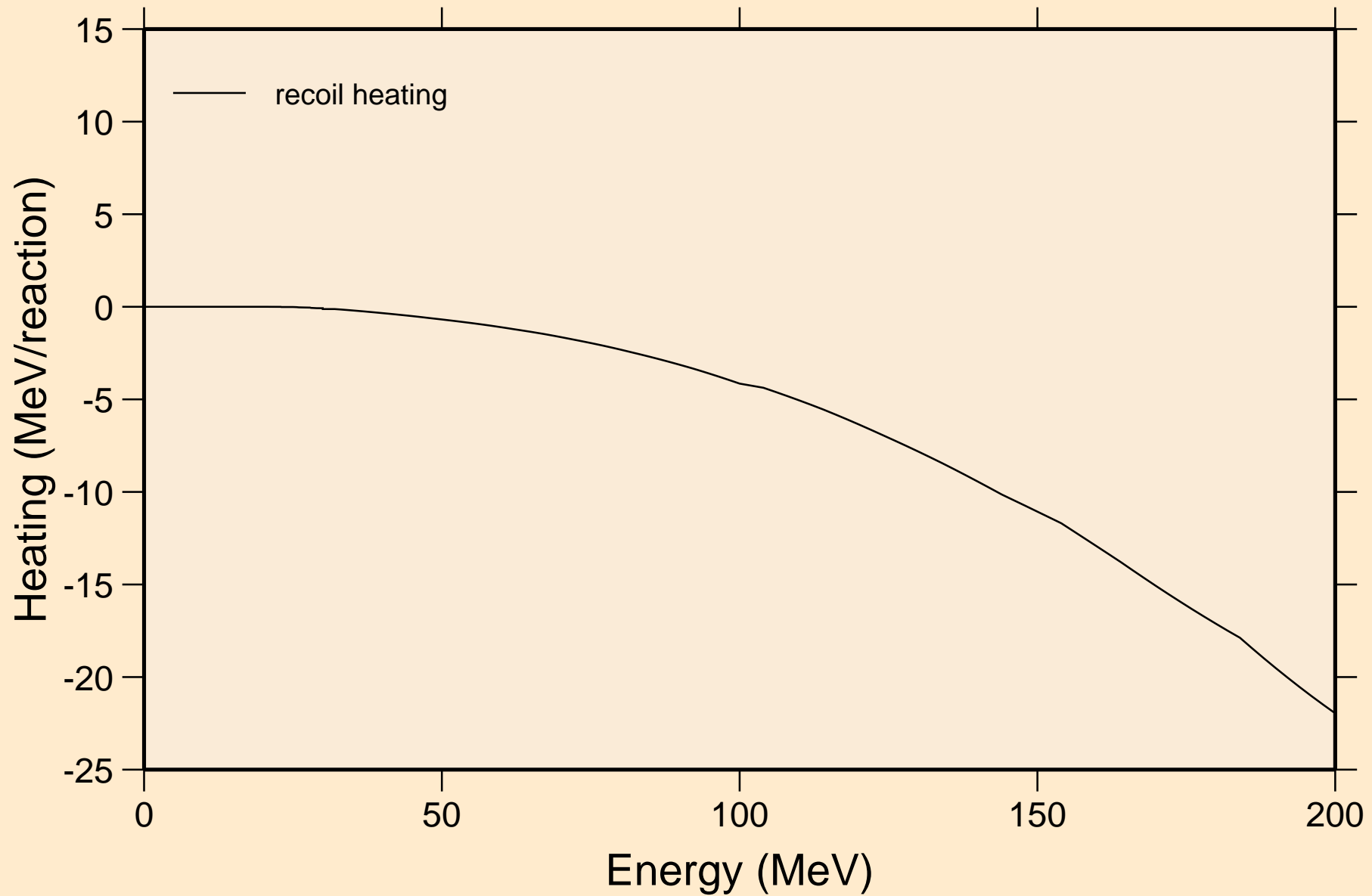
# NI072 NRG TENDL-2015, AKONING

## Particle heating contributions



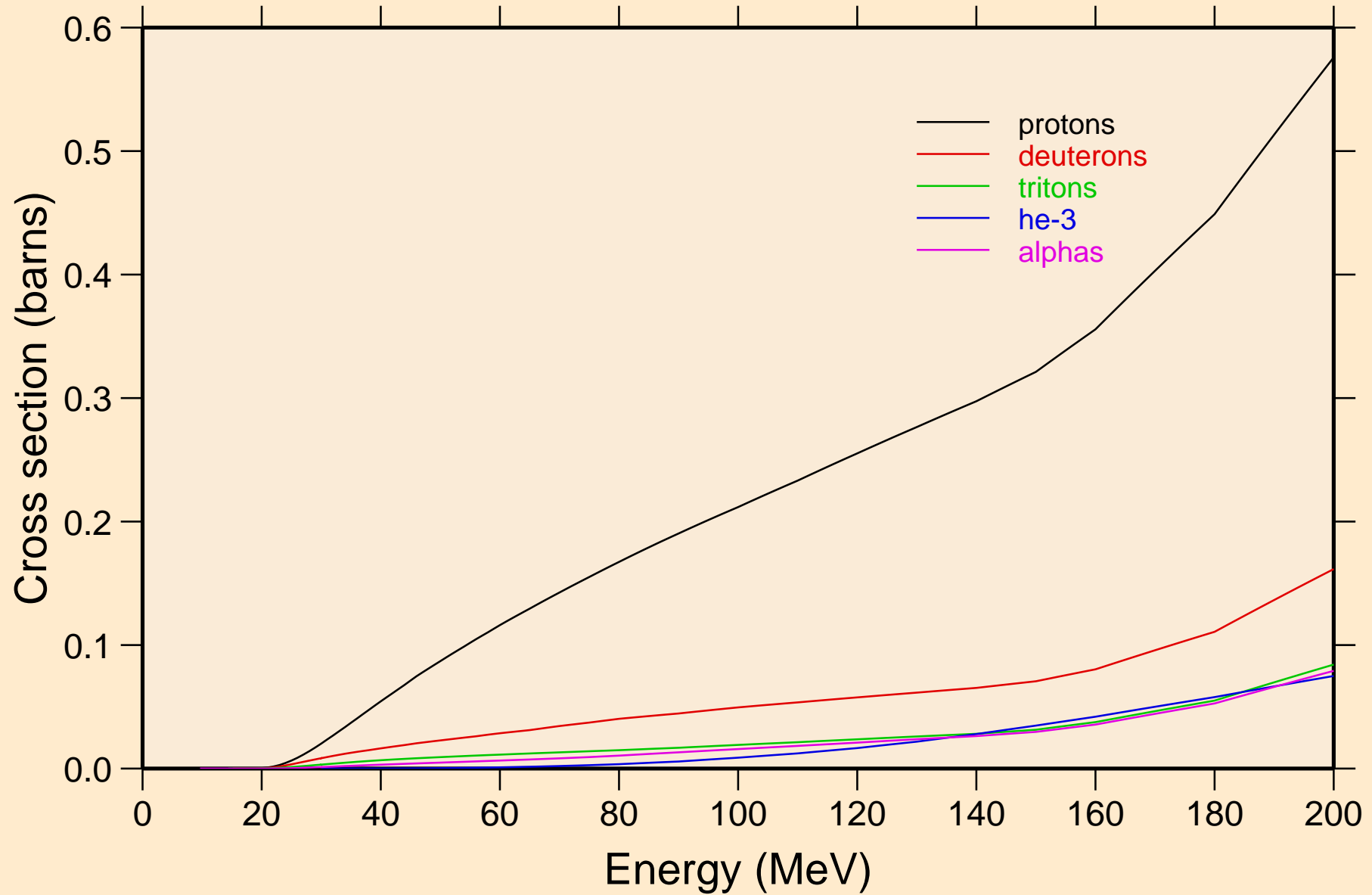
# NI072 NRG TENDL-2015, AKONING

## Recoil Heating

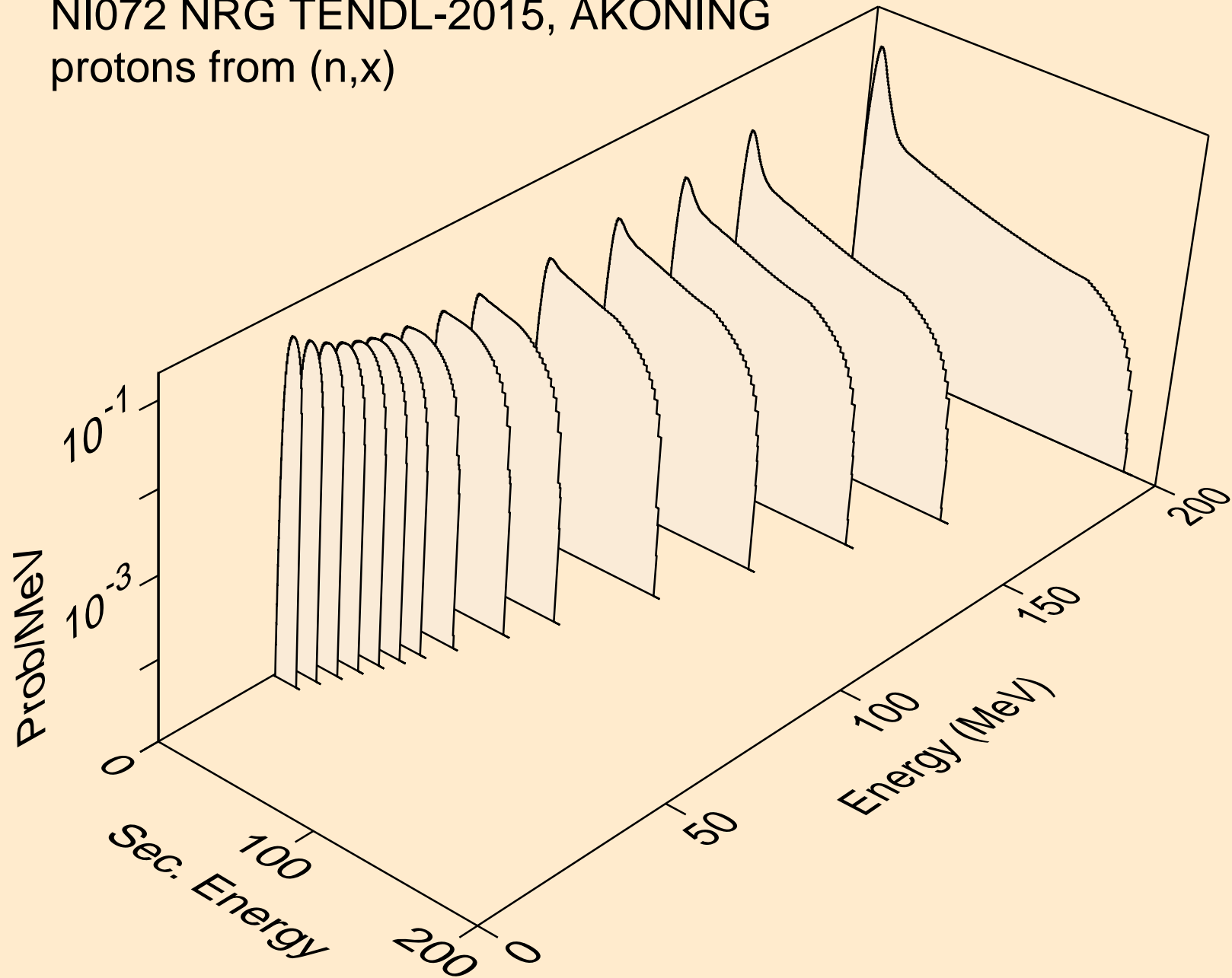


# NI072 NRG TENDL-2015, AKONING

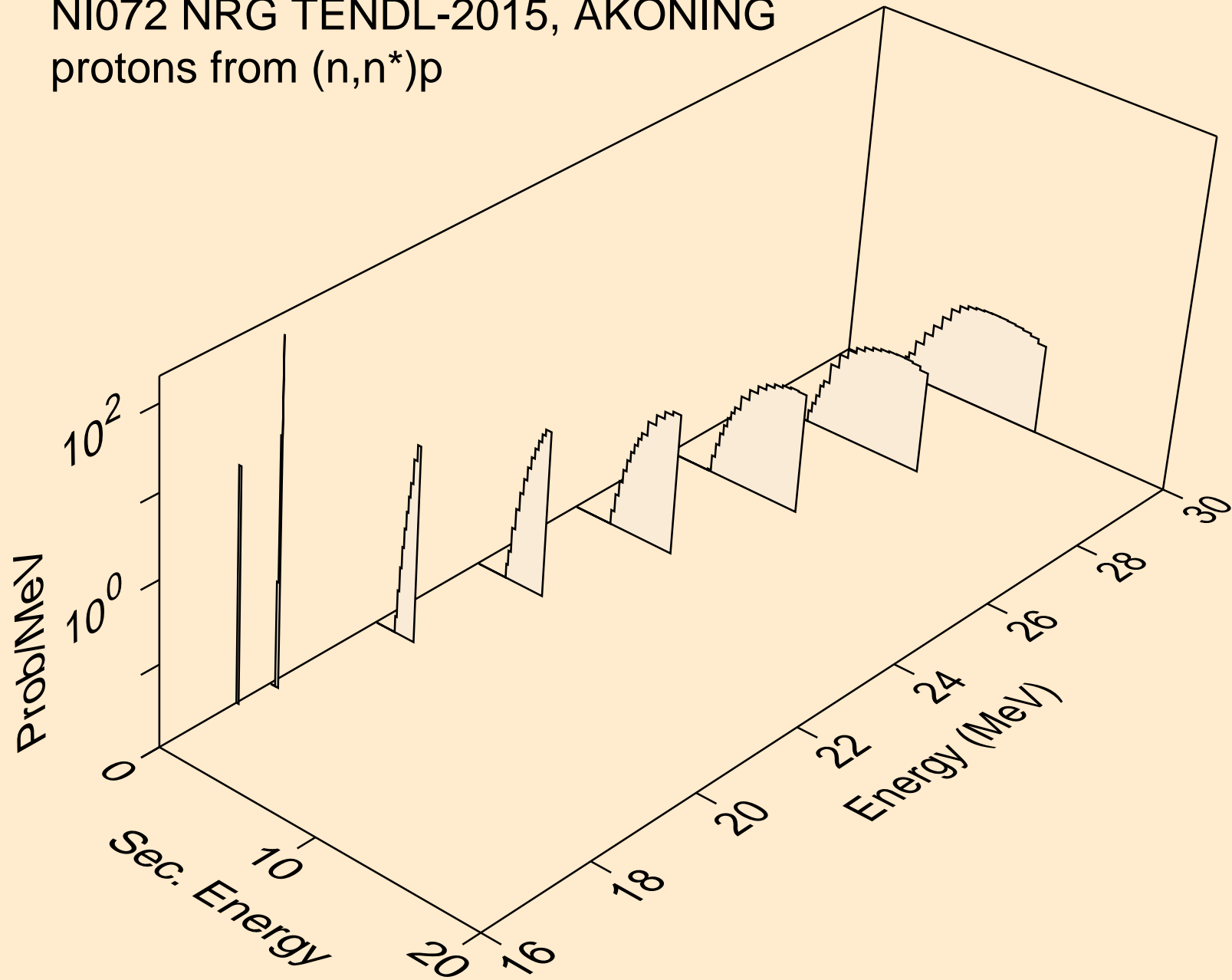
## Particle production cross sections



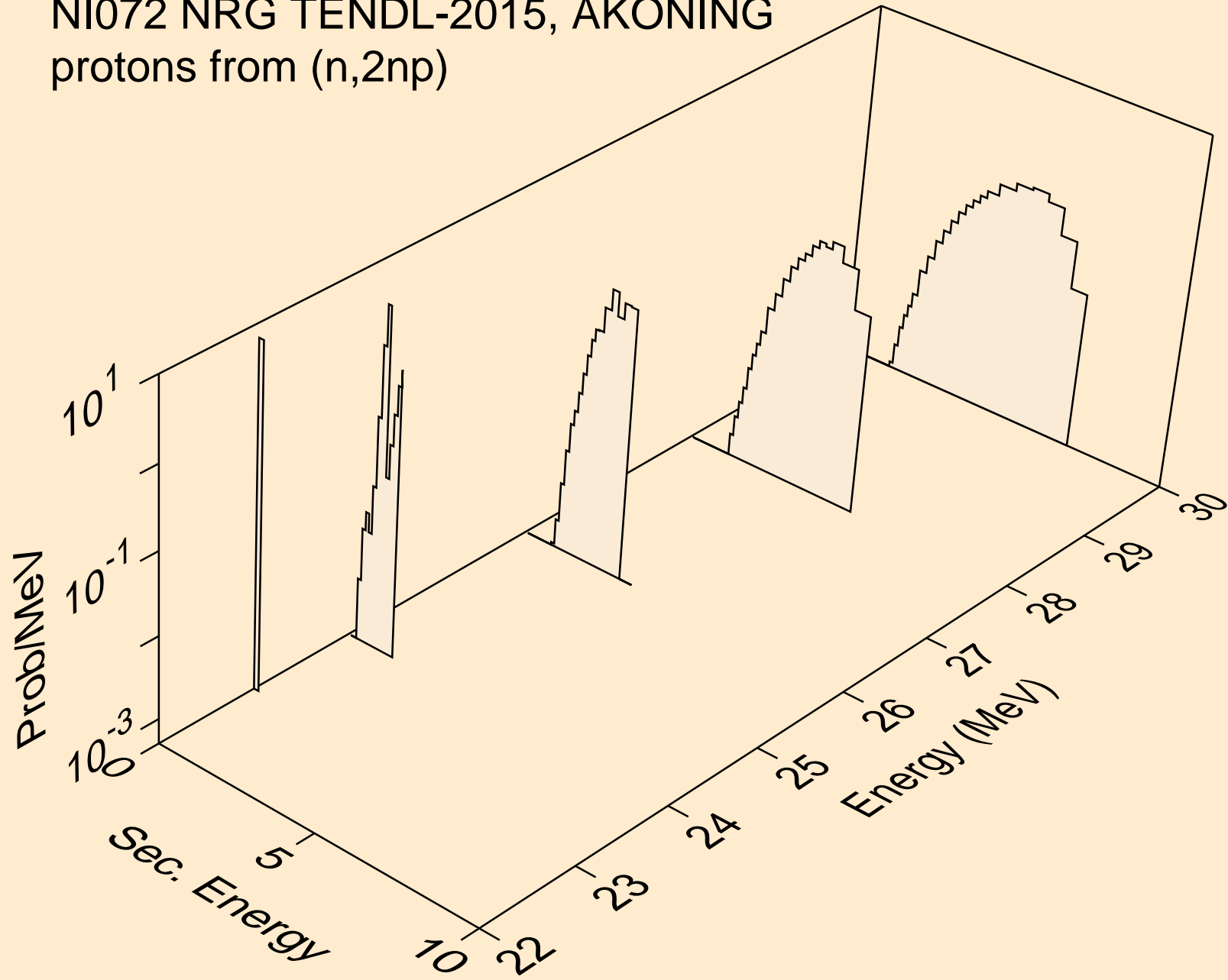
NI072 NRG TENDL-2015, AKONING  
protons from (n,x)



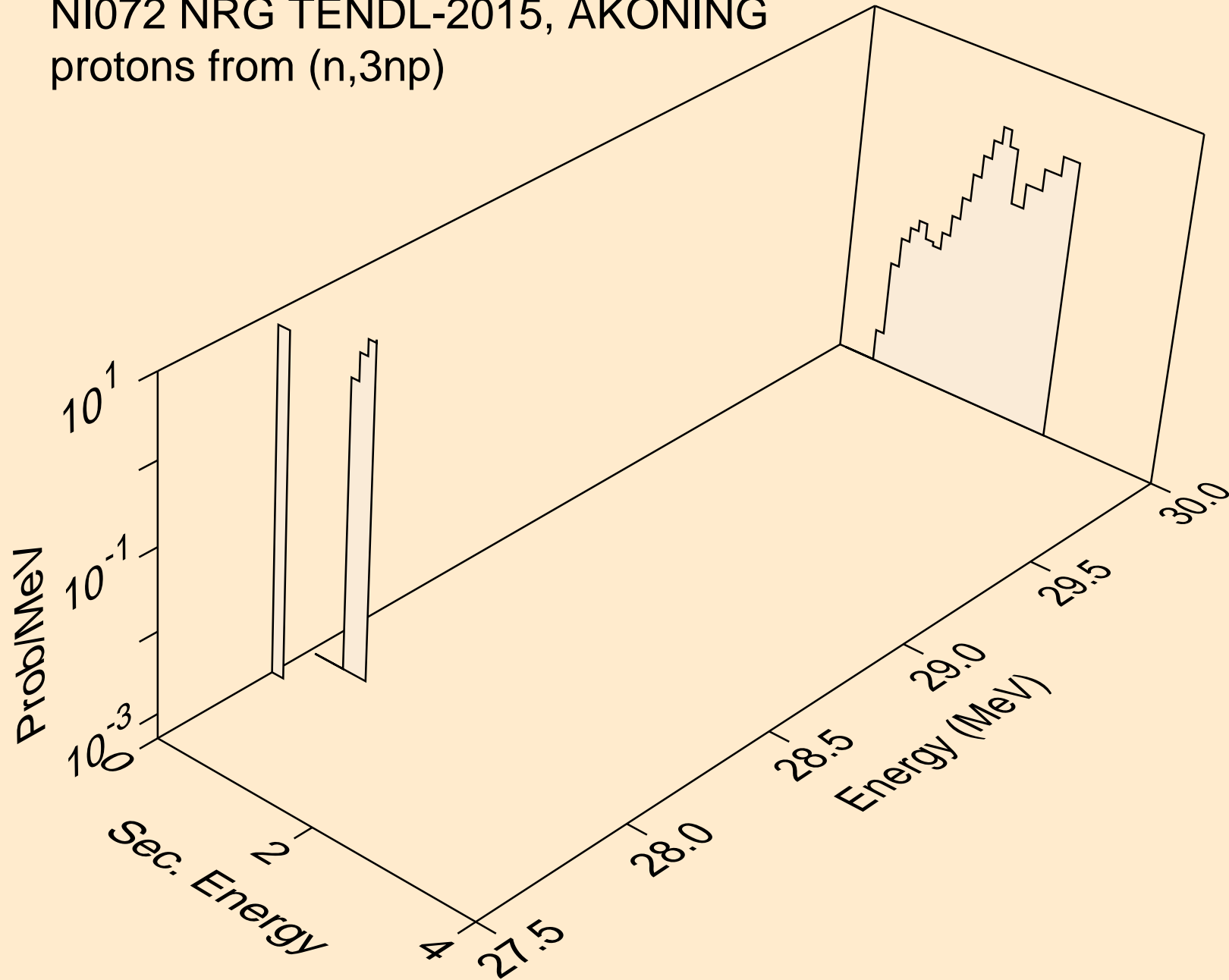
NI072 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



NI072 NRG TENDL-2015, AKONING  
protons from (n,2np)

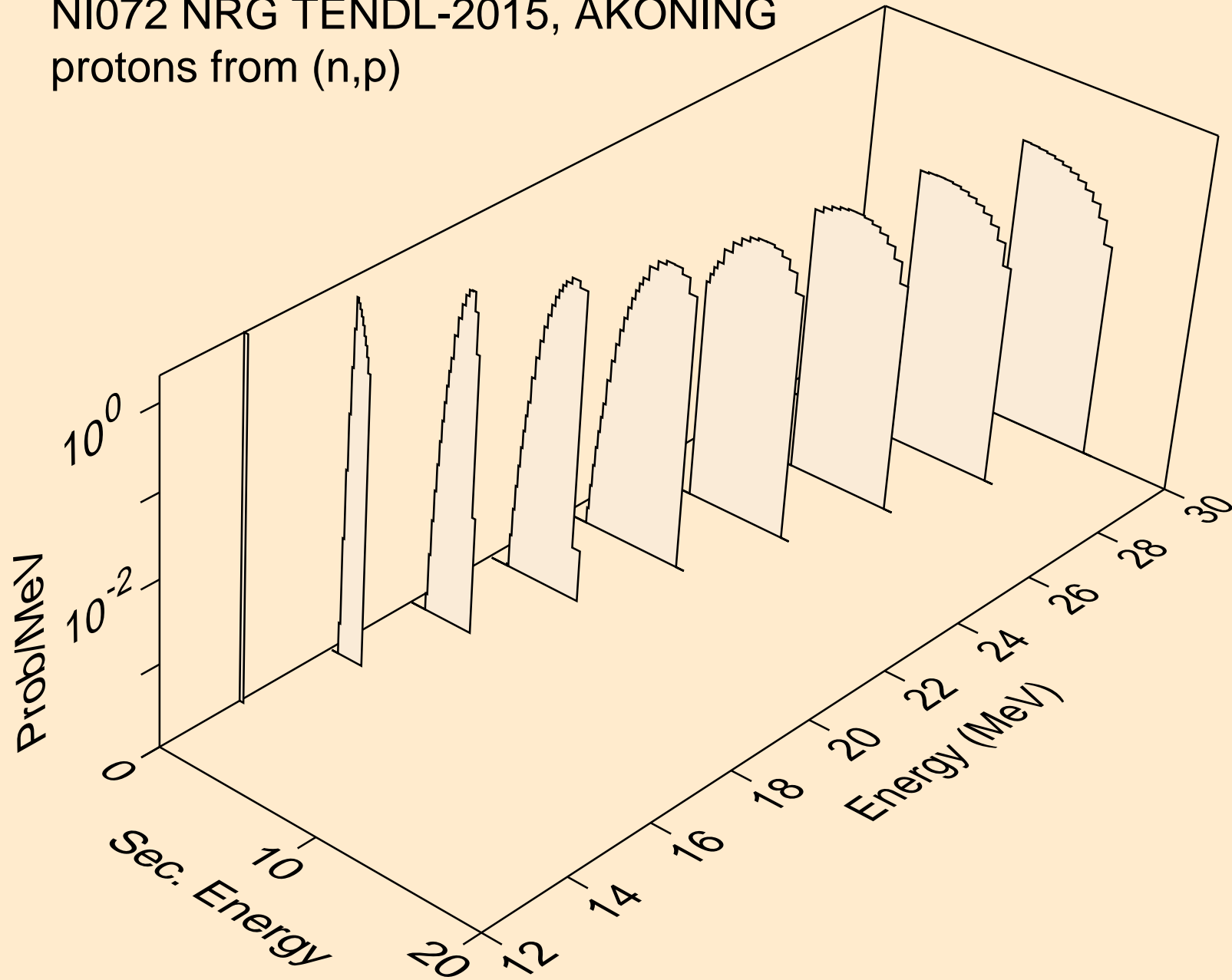


NI072 NRG TENDL-2015, AKONING  
protons from (n,3np)

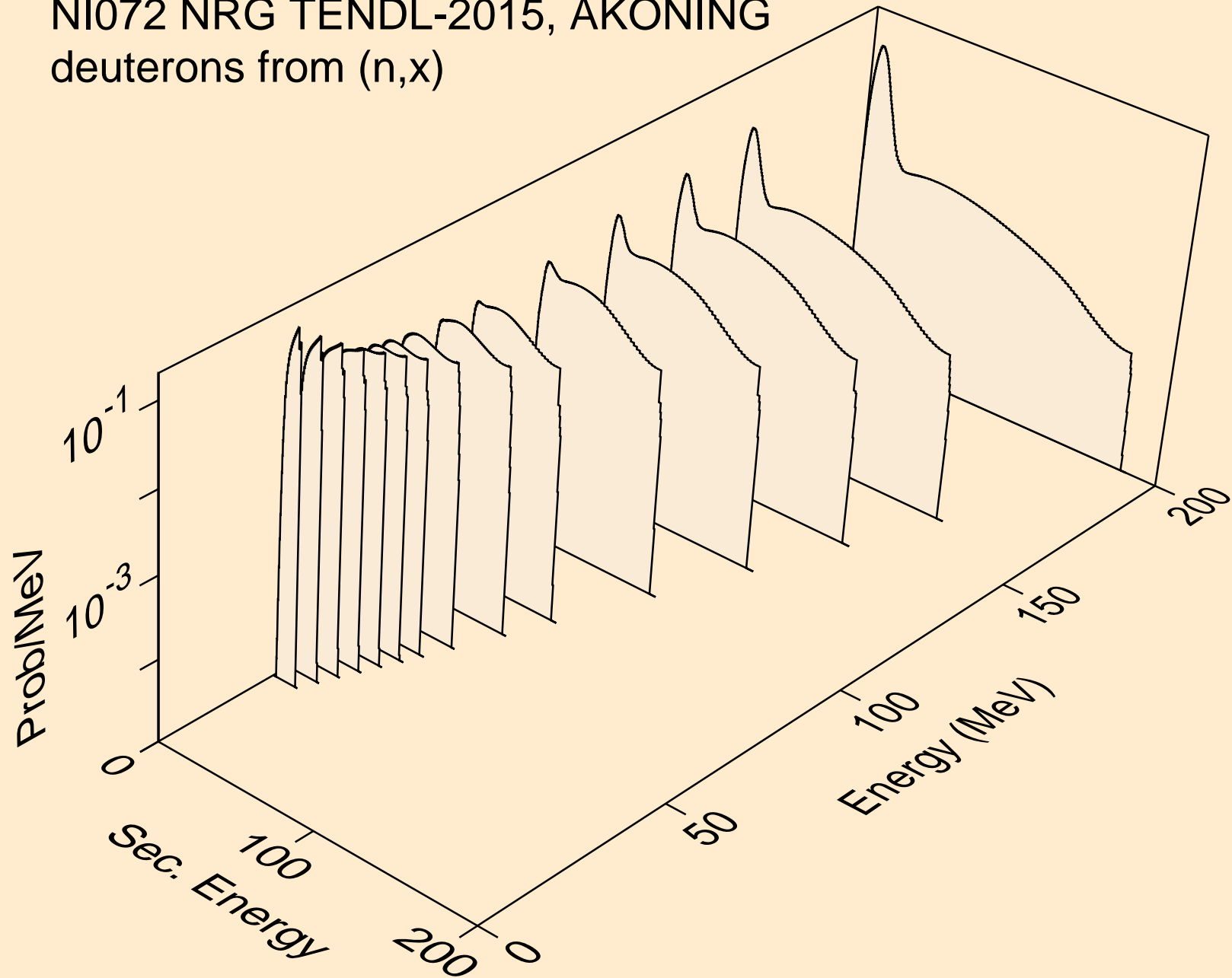




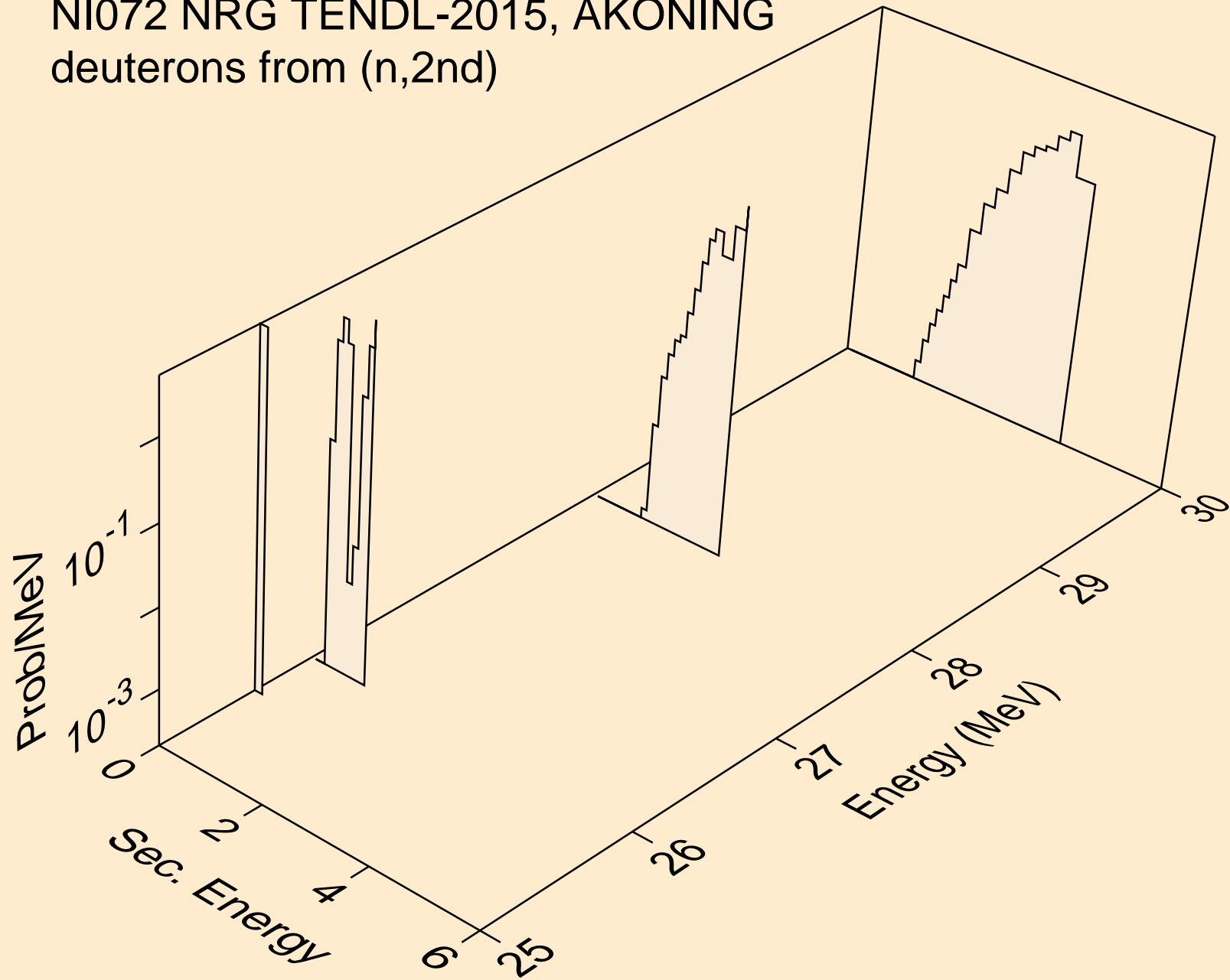
NI072 NRG TENDL-2015, AKONING  
protons from (n,p)



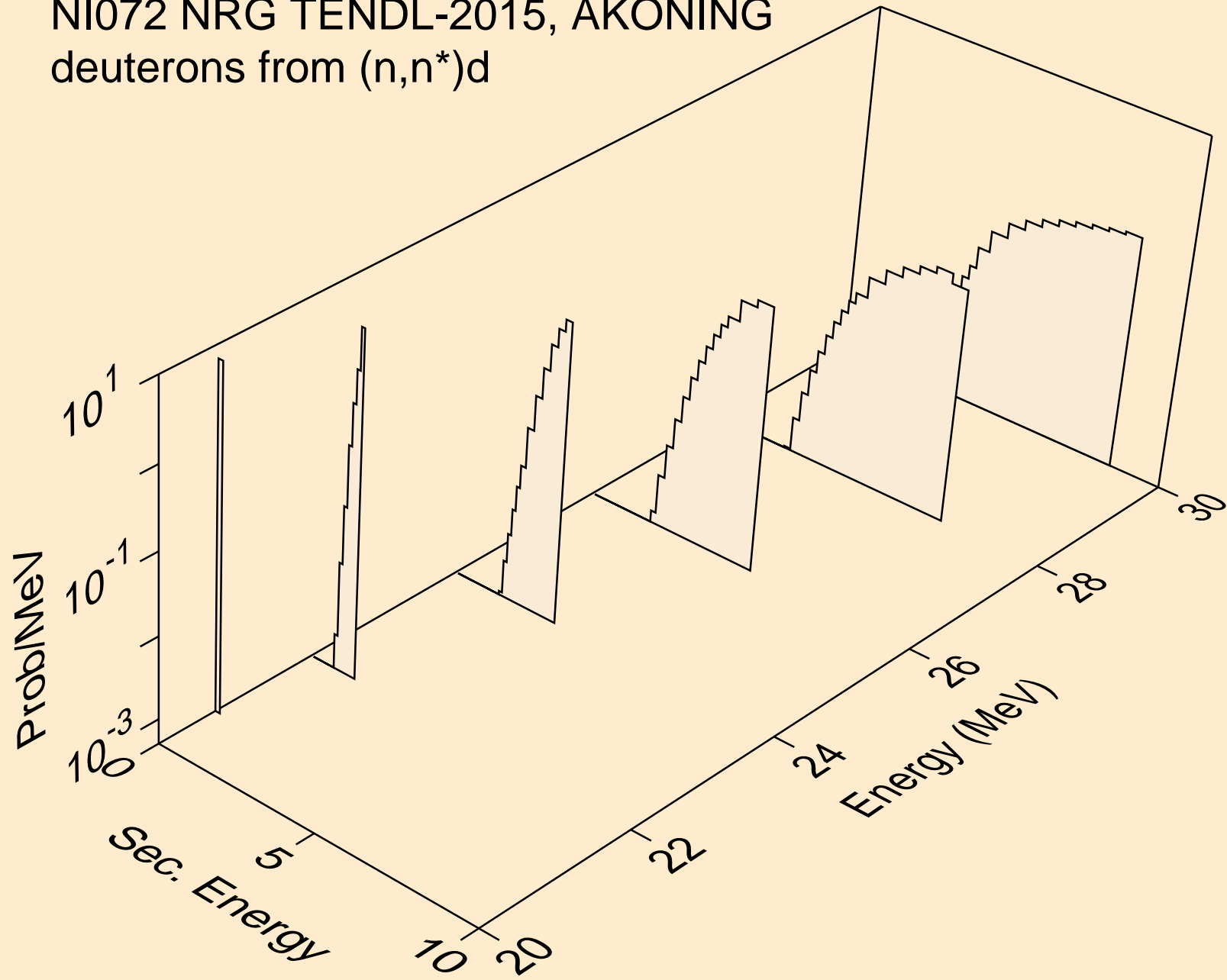
NI072 NRG TENDL-2015, AKONING  
deuterons from (n,x)



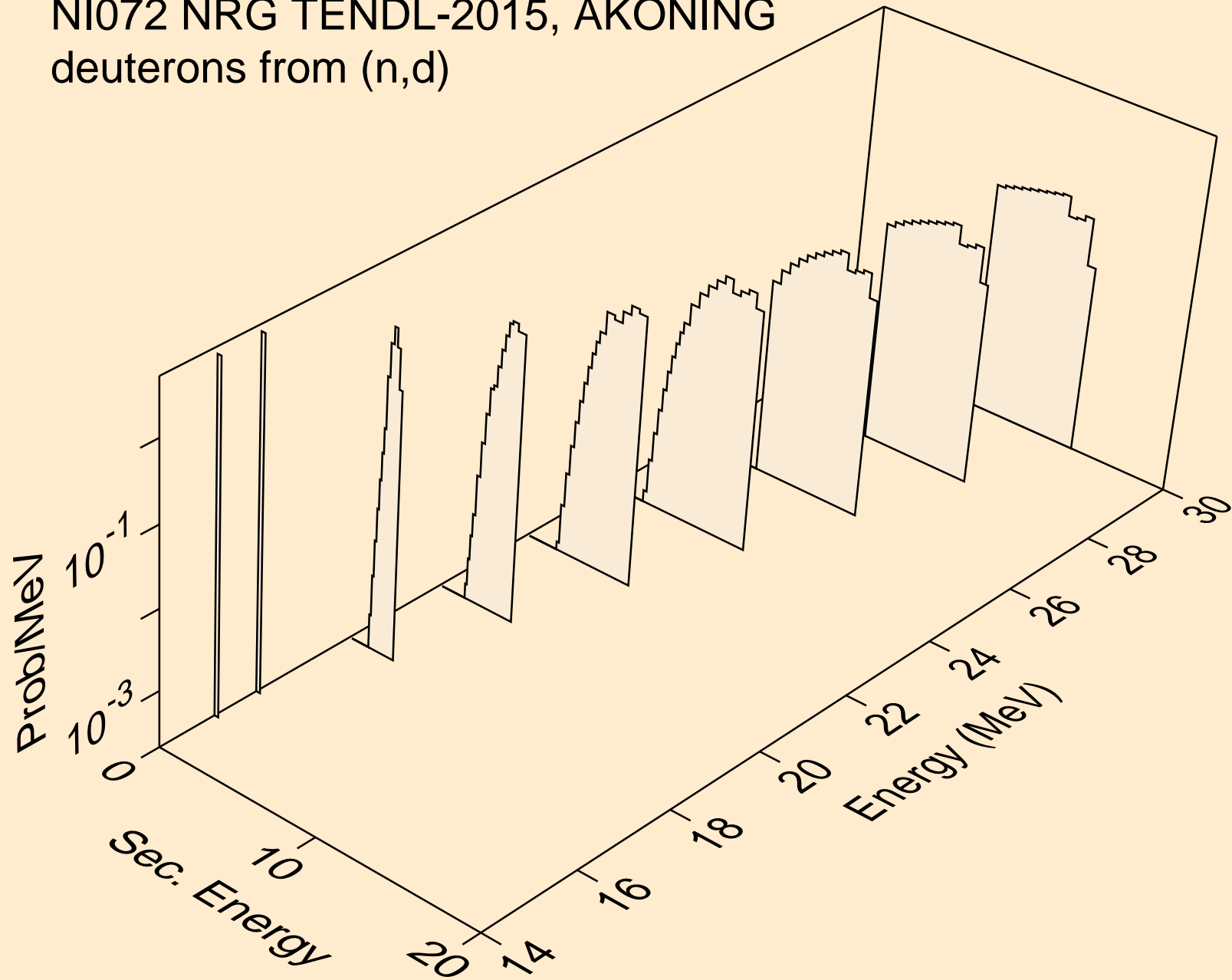
NI072 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



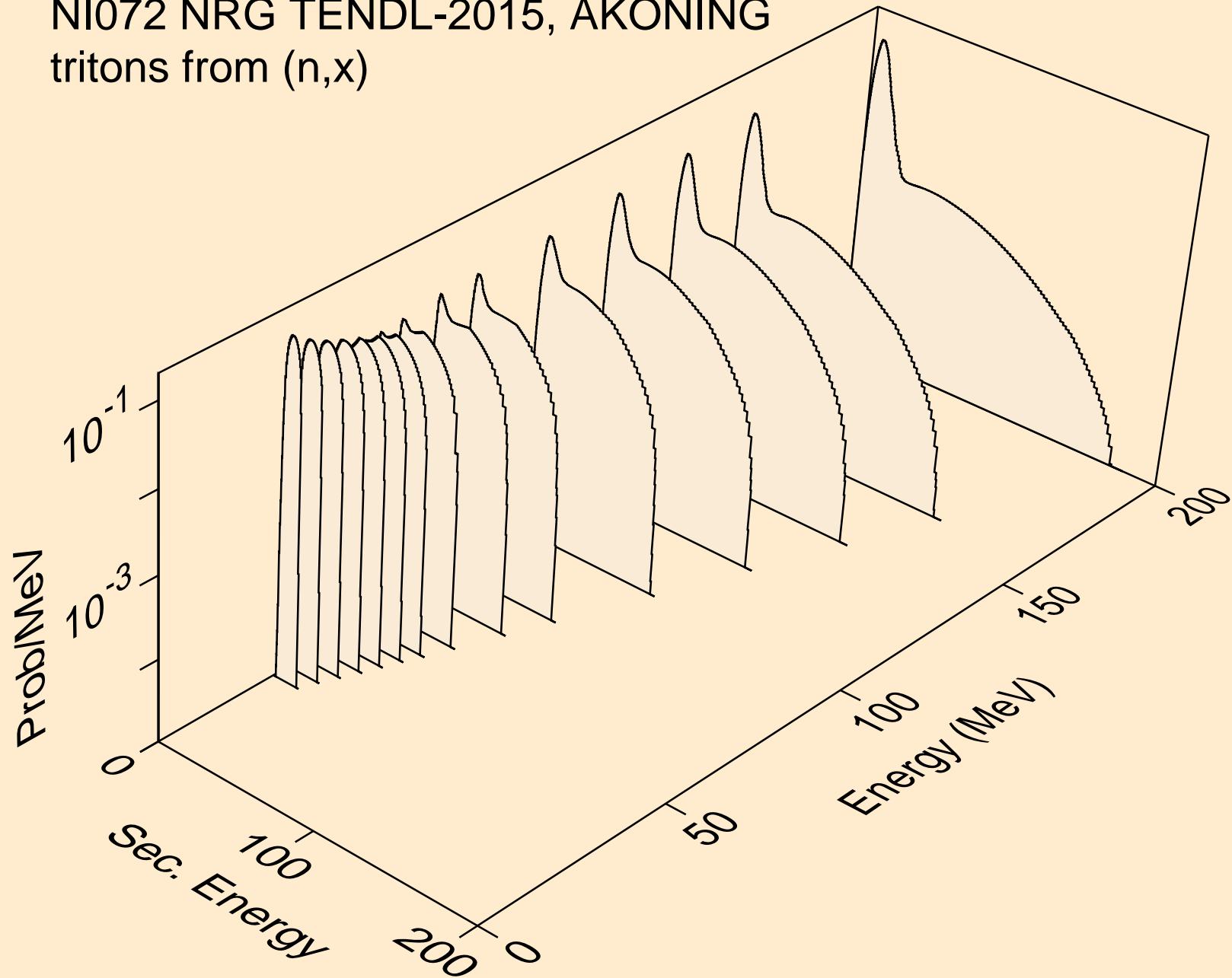
NI072 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



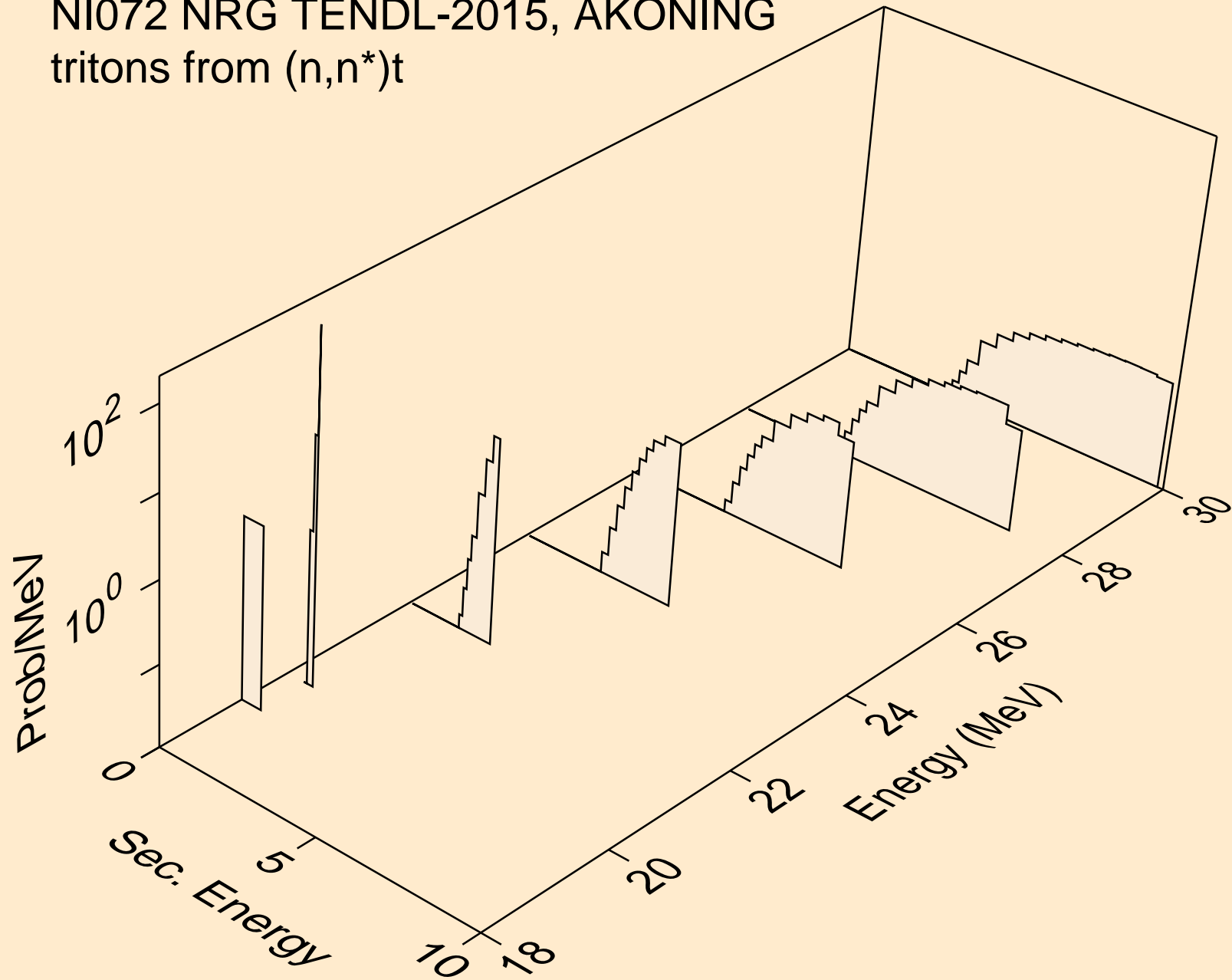
NI072 NRG TENDL-2015, AKONING  
deuterons from (n,d)



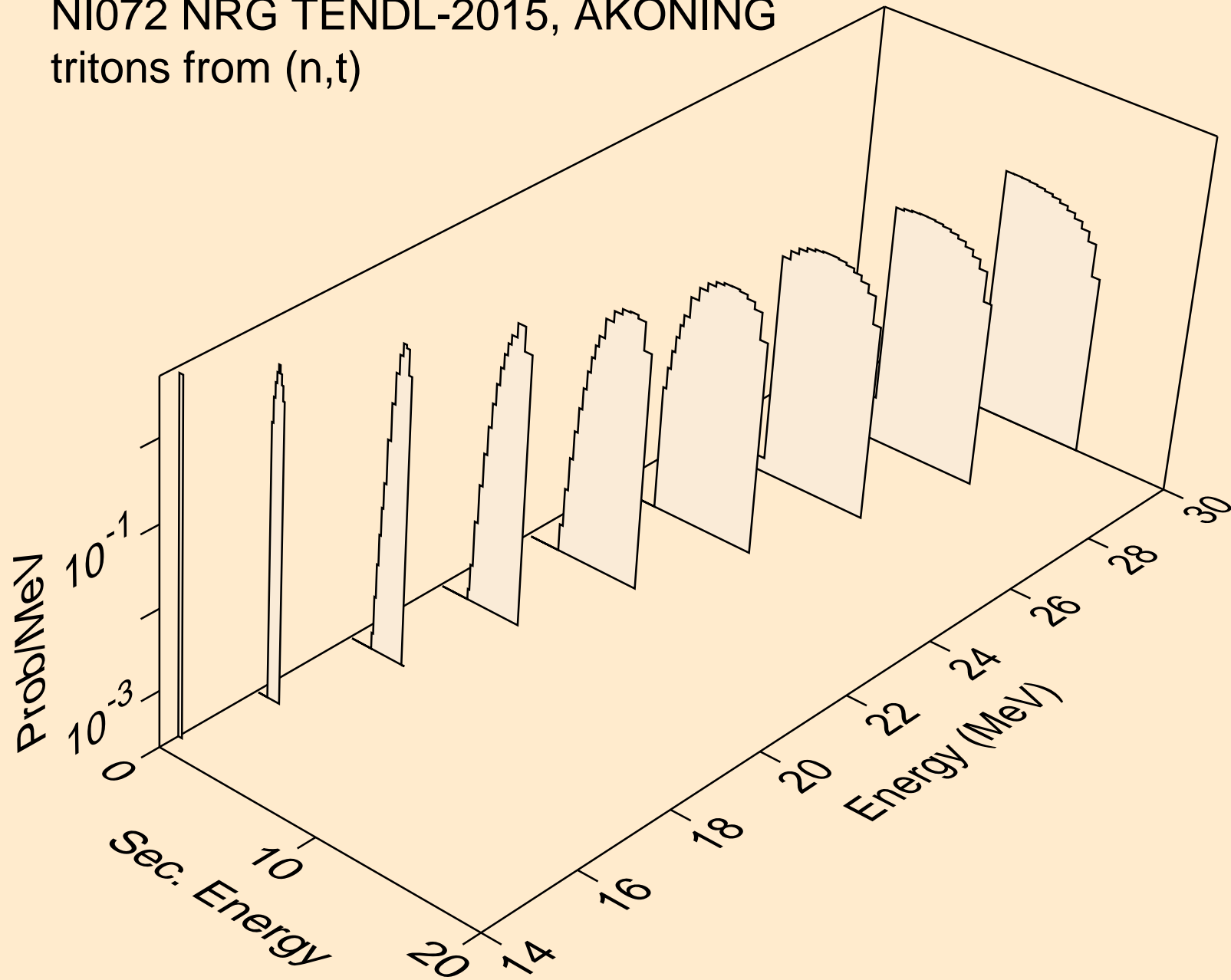
NI072 NRG TENDL-2015, AKONING  
tritons from (n,x)



NI072 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

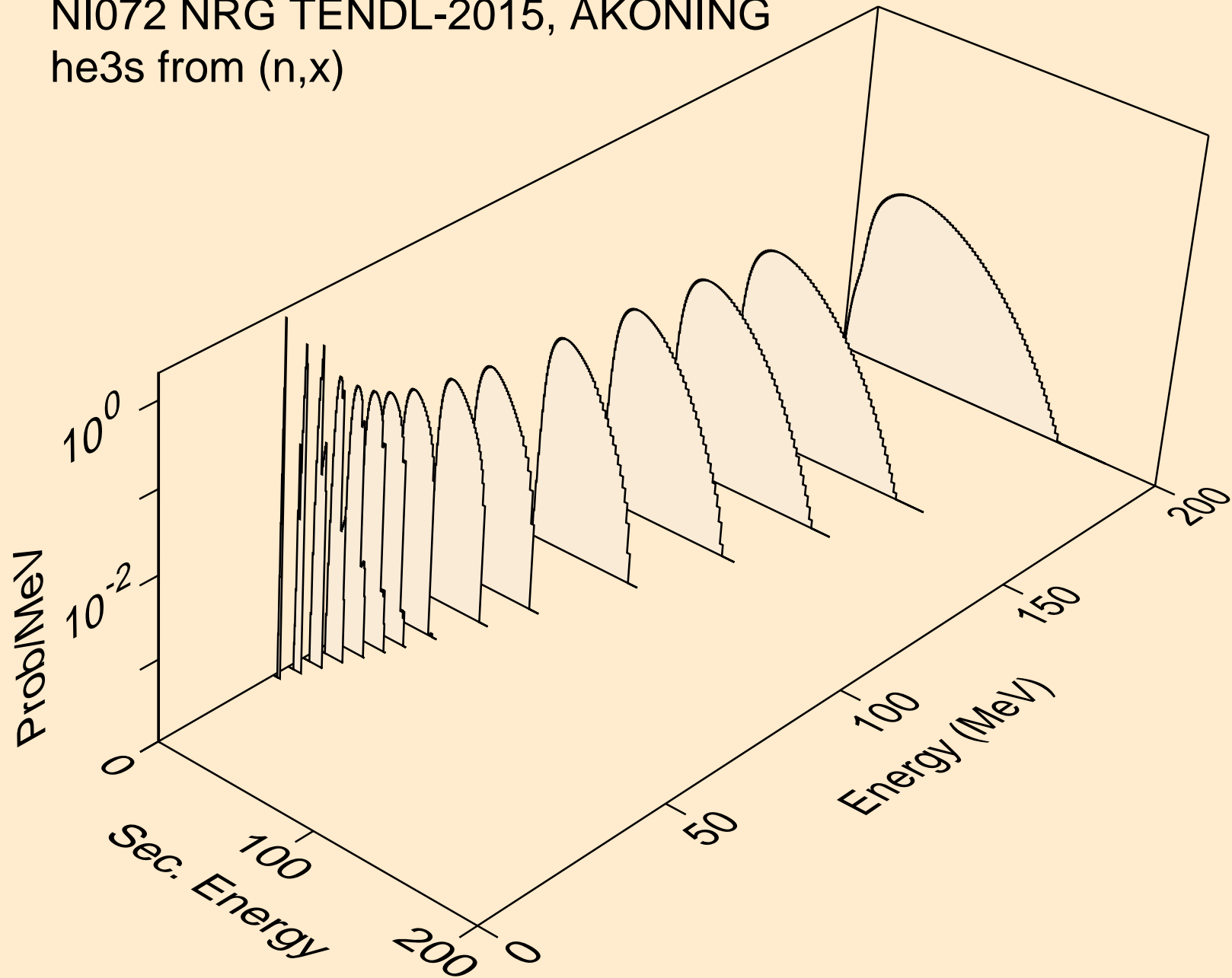


NI072 NRG TENDL-2015, AKONING  
tritons from (n,t)

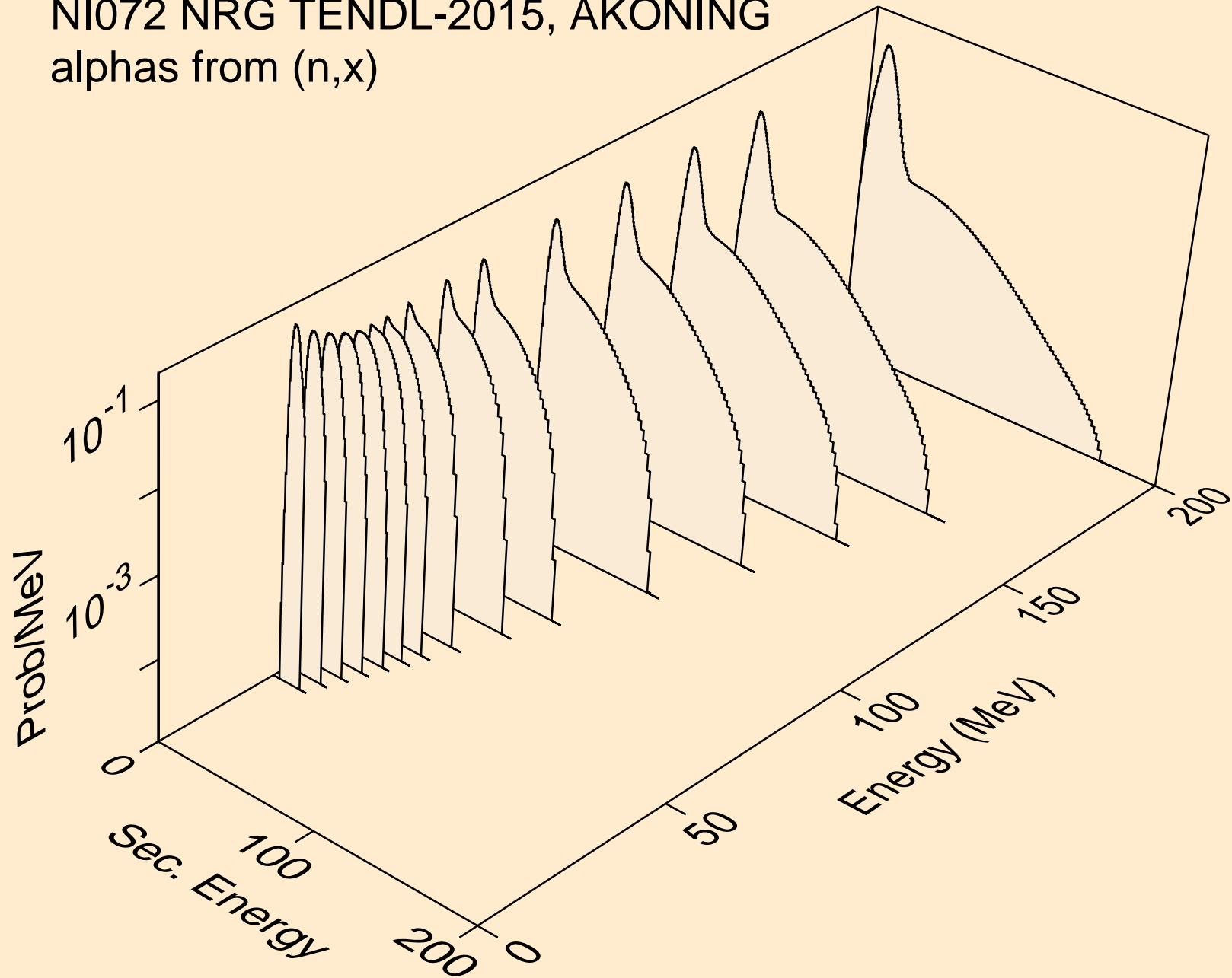




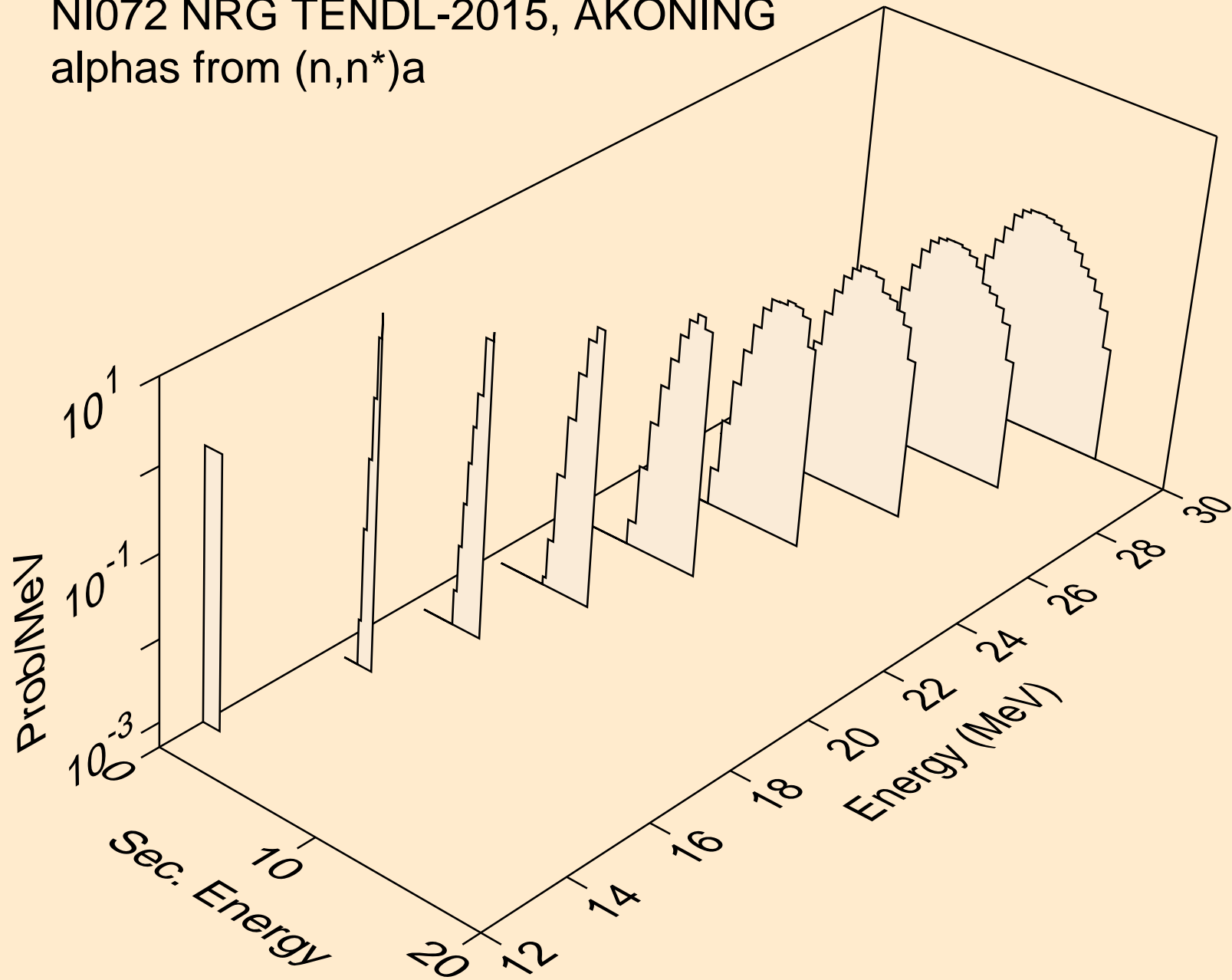
NI072 NRG TENDL-2015, AKONING  
he3s from (n,x)



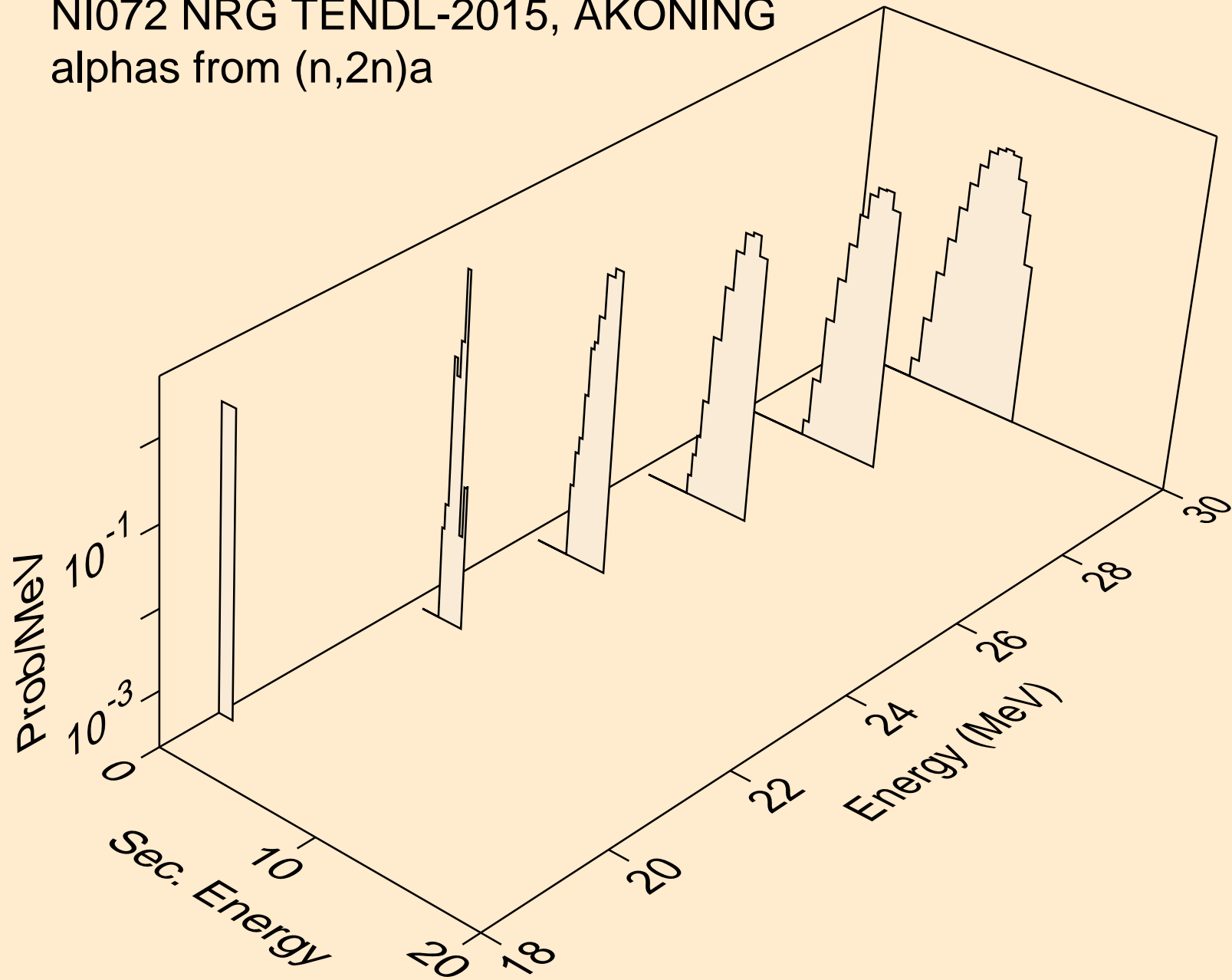
NI072 NRG TENDL-2015, AKONING  
alphas from (n,x)



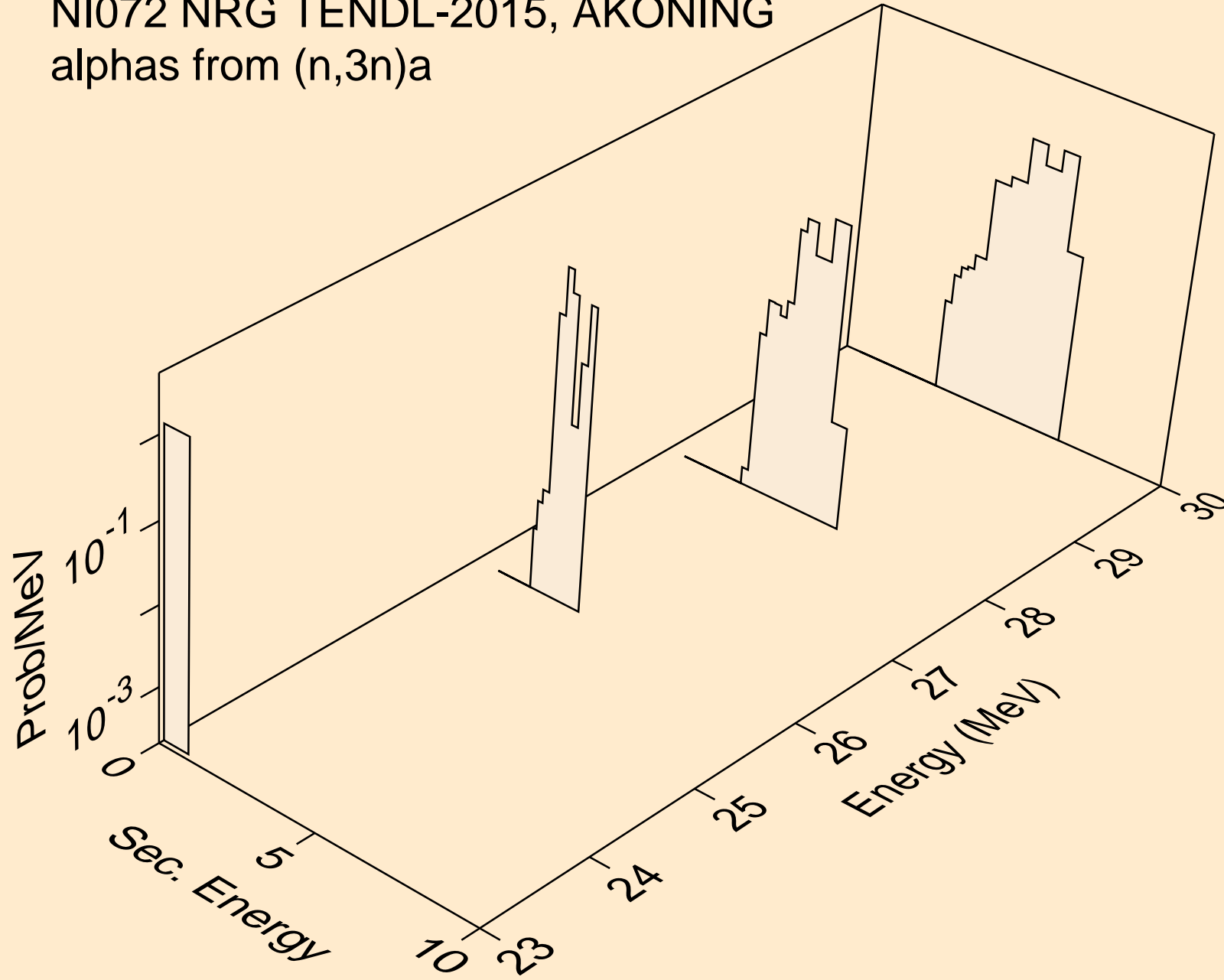
NI072 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



NI072 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



NI072 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



NI072 NRG TENDL-2015, AKONING  
alphas from (n,a)

