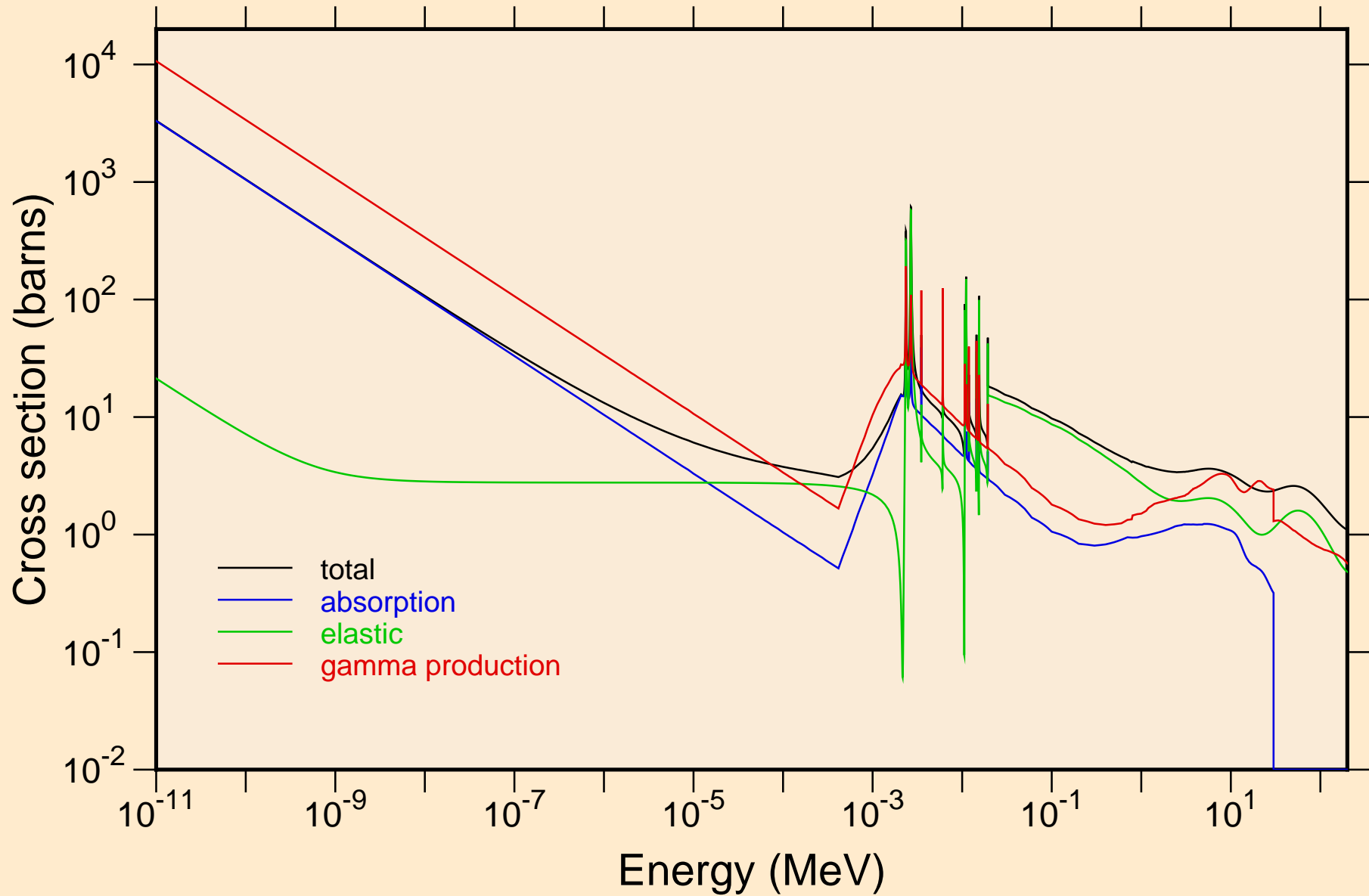


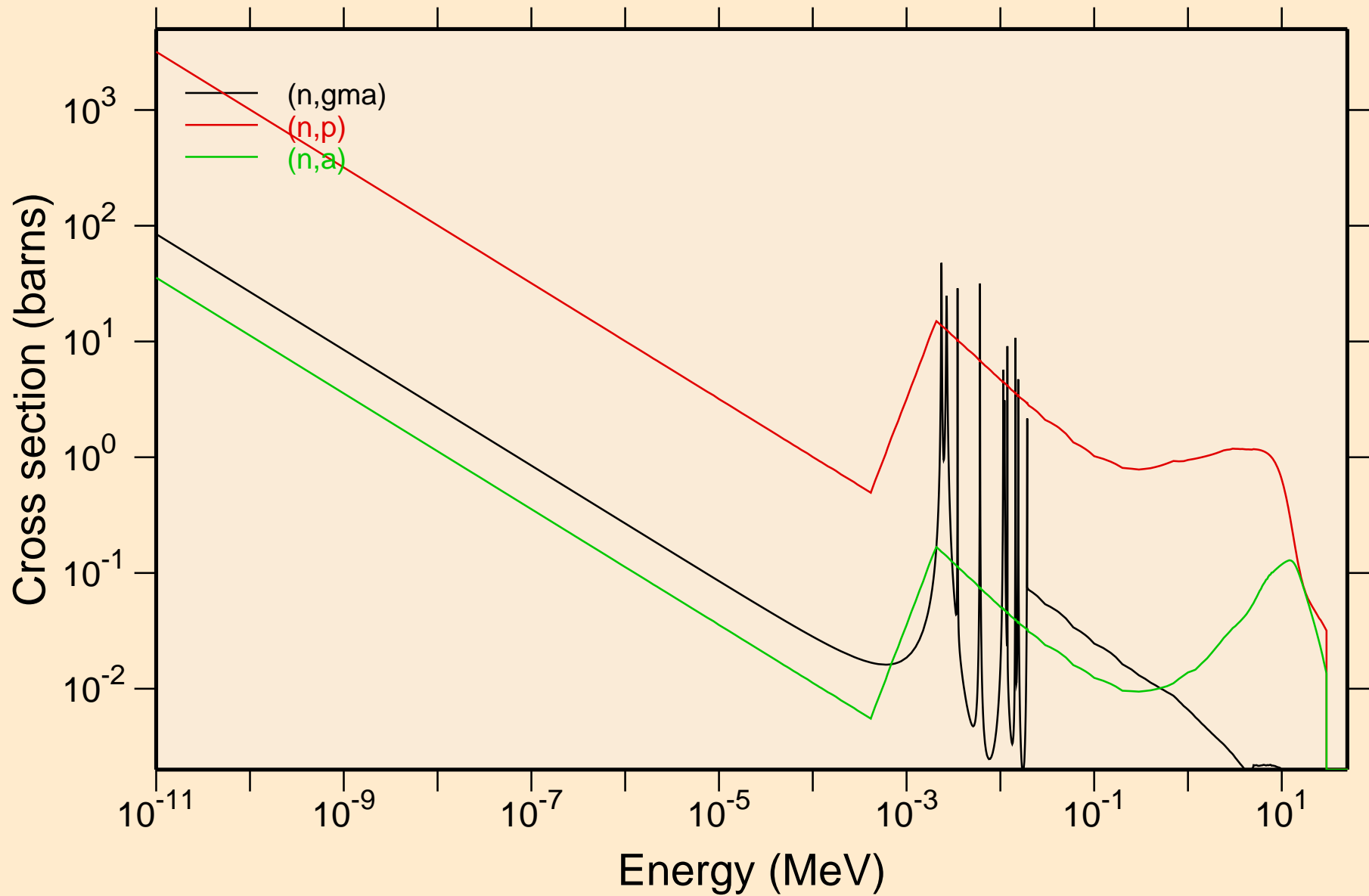
# NI057 NRG TENDL-2015, AKONING

## Principal cross sections



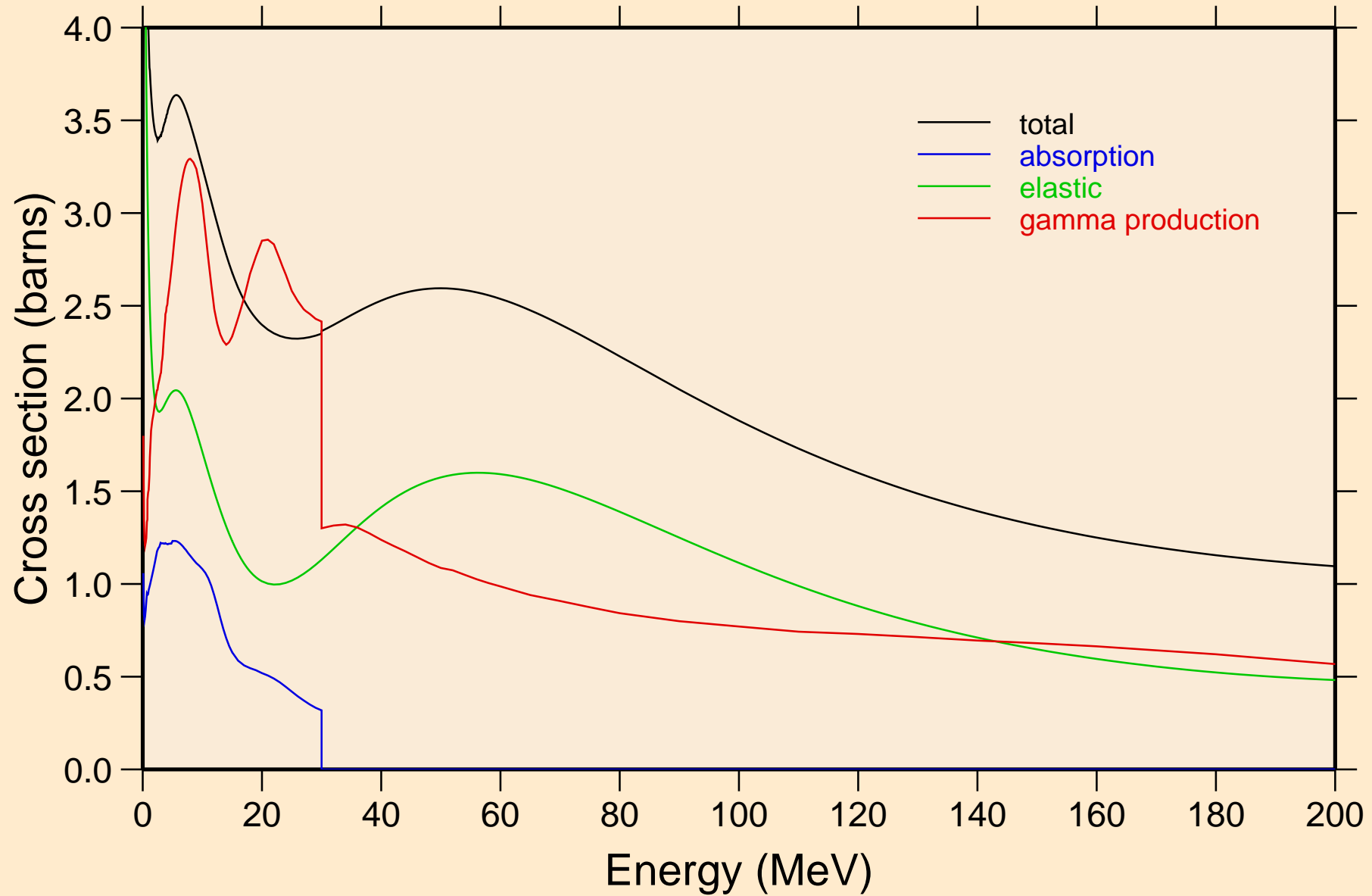
# NI057 NRG TENDL-2015, AKONING

## Non-threshold reactions



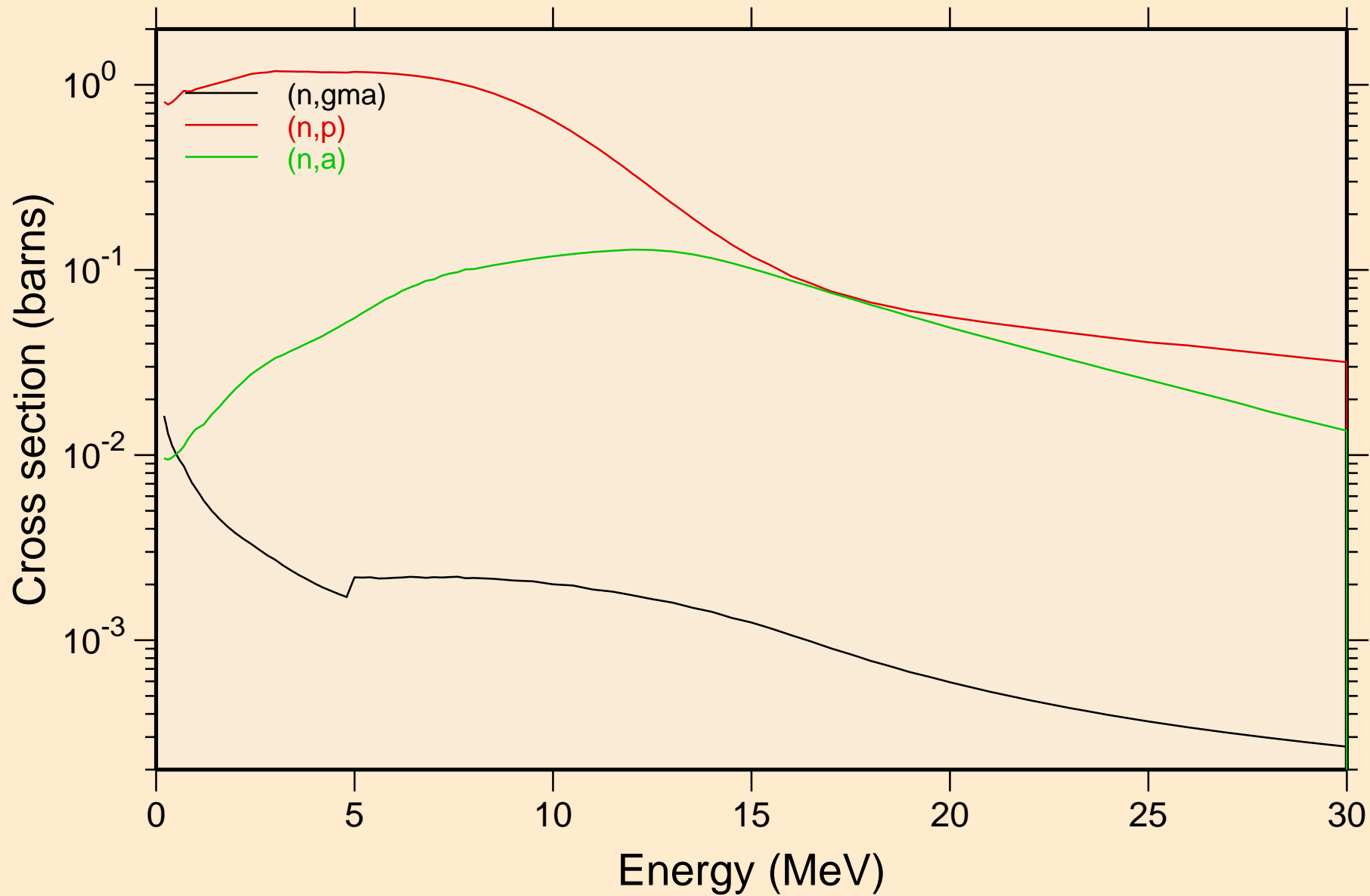
# NI057 NRG TENDL-2015, AKONING

## Principal cross sections



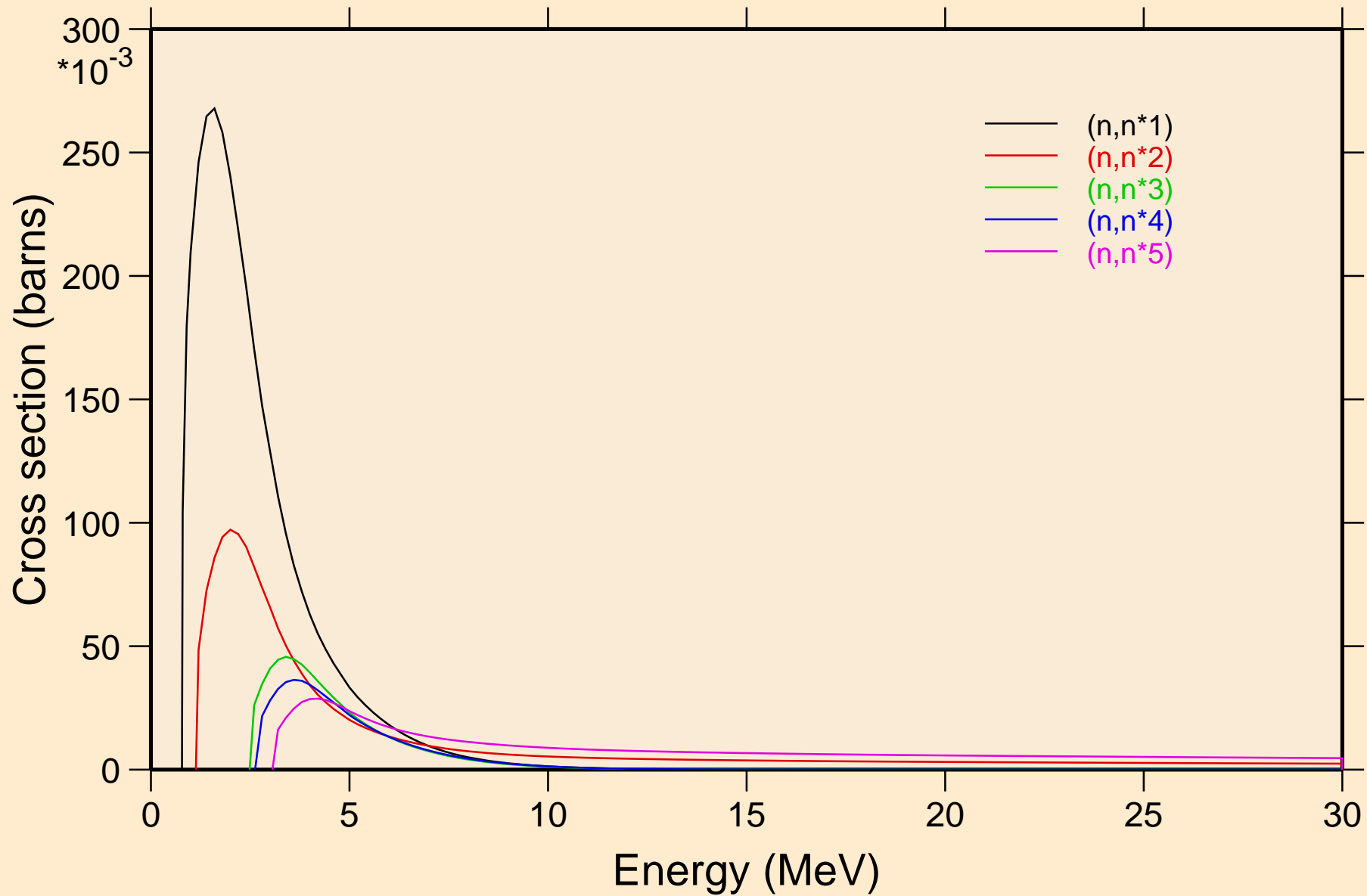
# NI057 NRG TENDL-2015, AKONING

## Non-threshold reactions



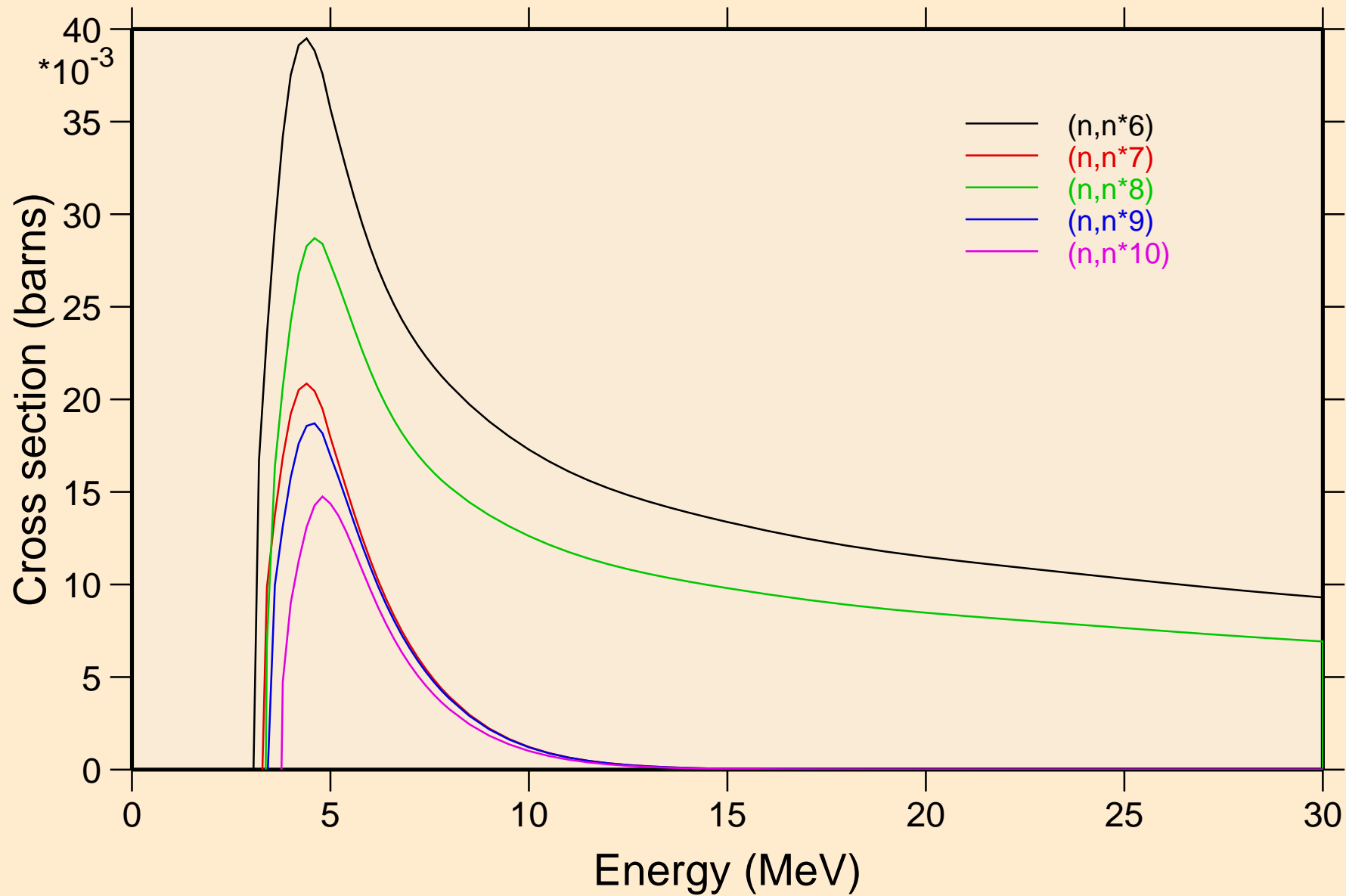
# NI057 NRG TENDL-2015, AKONING

## Inelastic levels



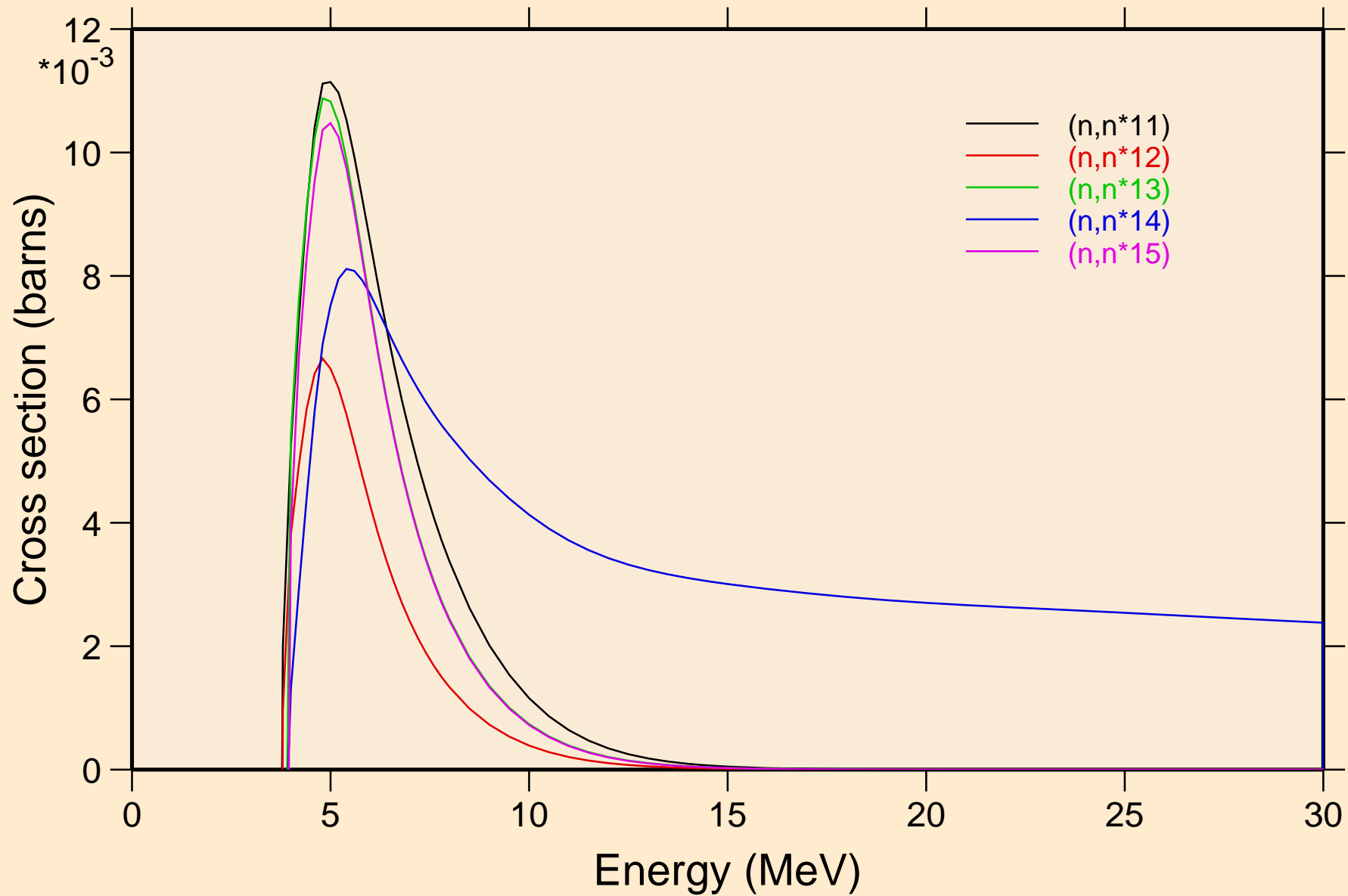
# NI057 NRG TENDL-2015, AKONING

## Inelastic levels

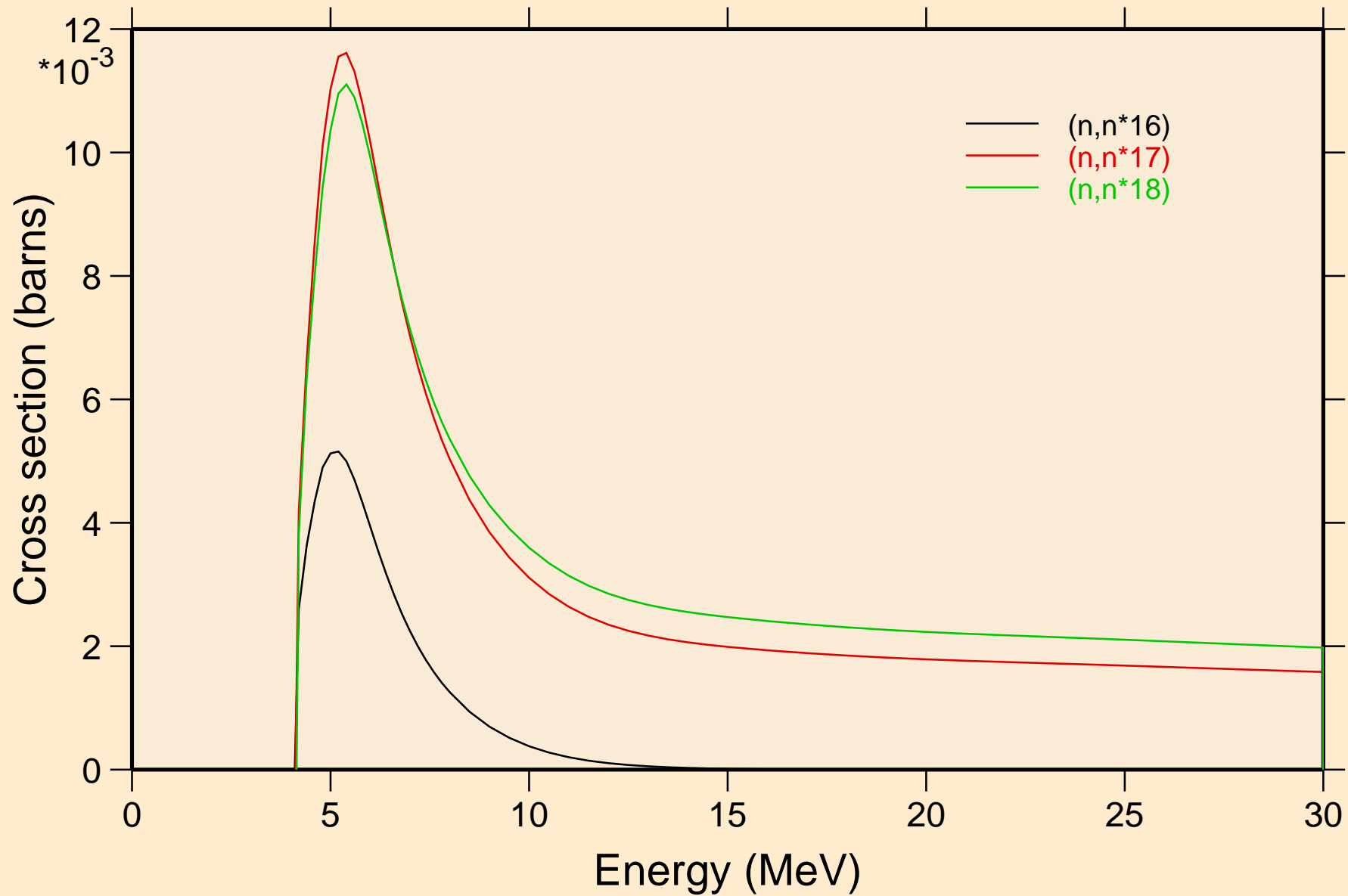


# NI057 NRG TENDL-2015, AKONING

## Inelastic levels



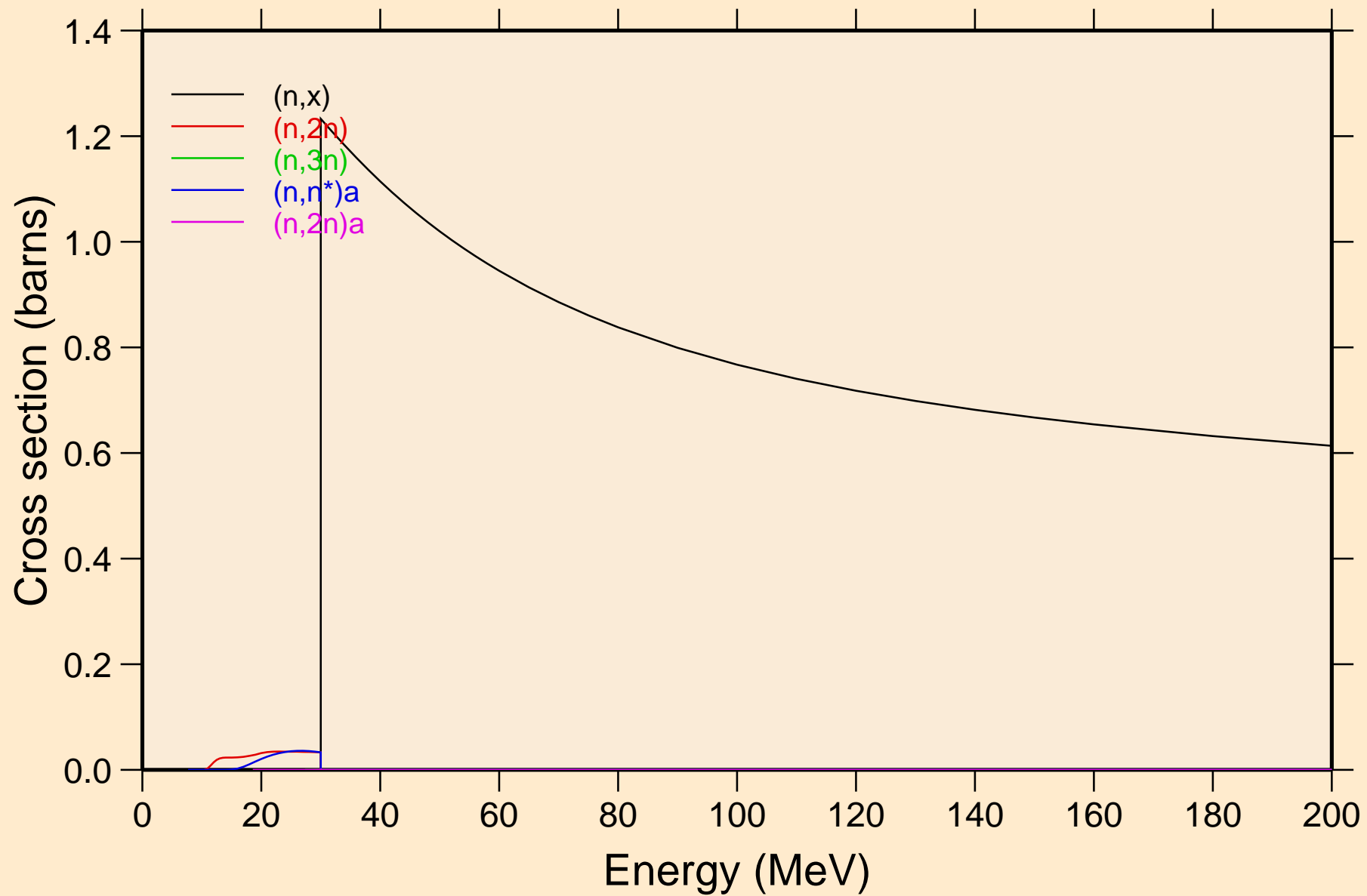
NI057 NRG TENDL-2015, AKONING  
Inelastic levels





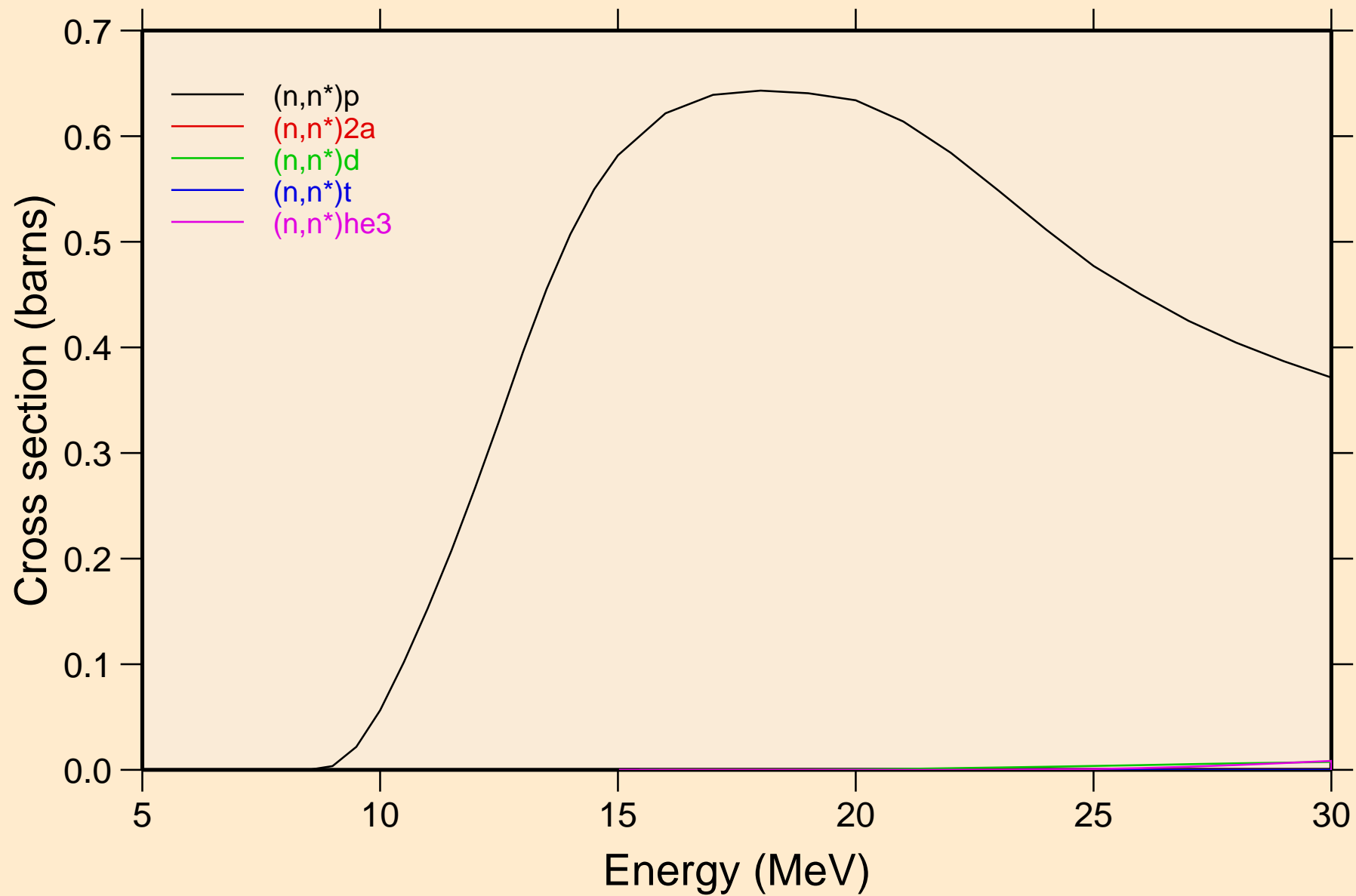
# NI057 NRG TENDL-2015, AKONING

## Threshold reactions



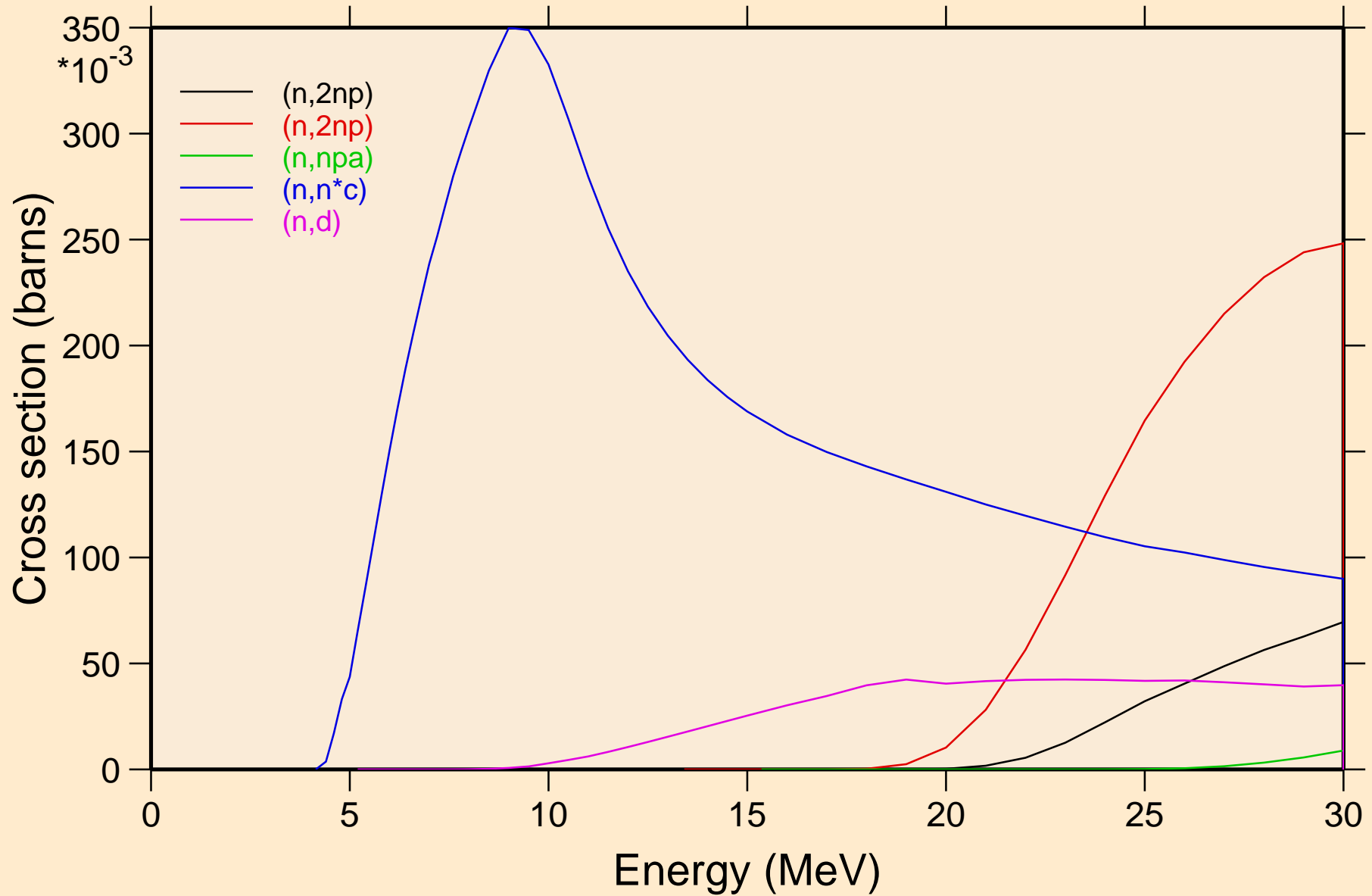
# NI057 NRG TENDL-2015, AKONING

## Threshold reactions



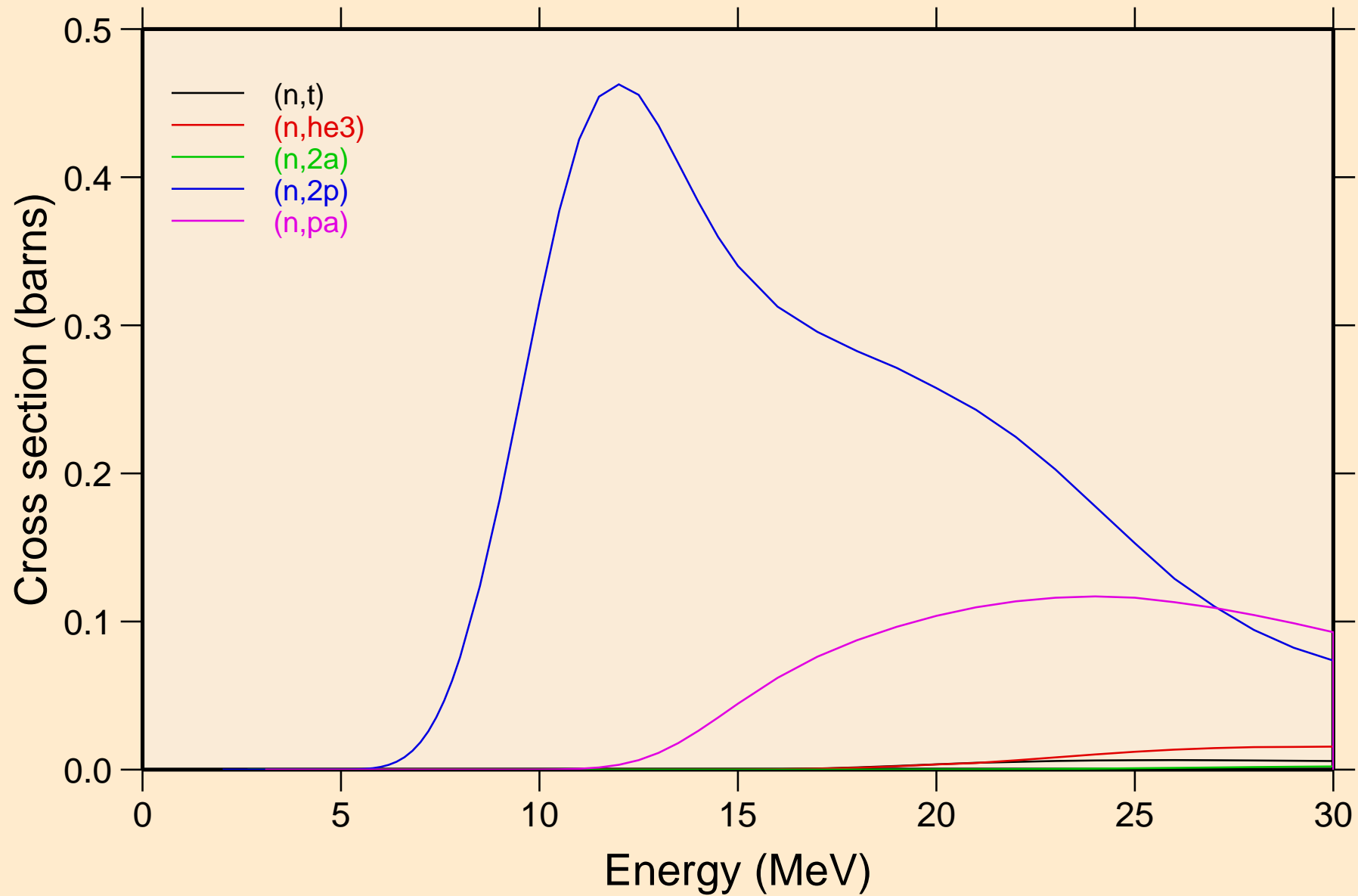
# NI057 NRG TENDL-2015, AKONING

## Threshold reactions



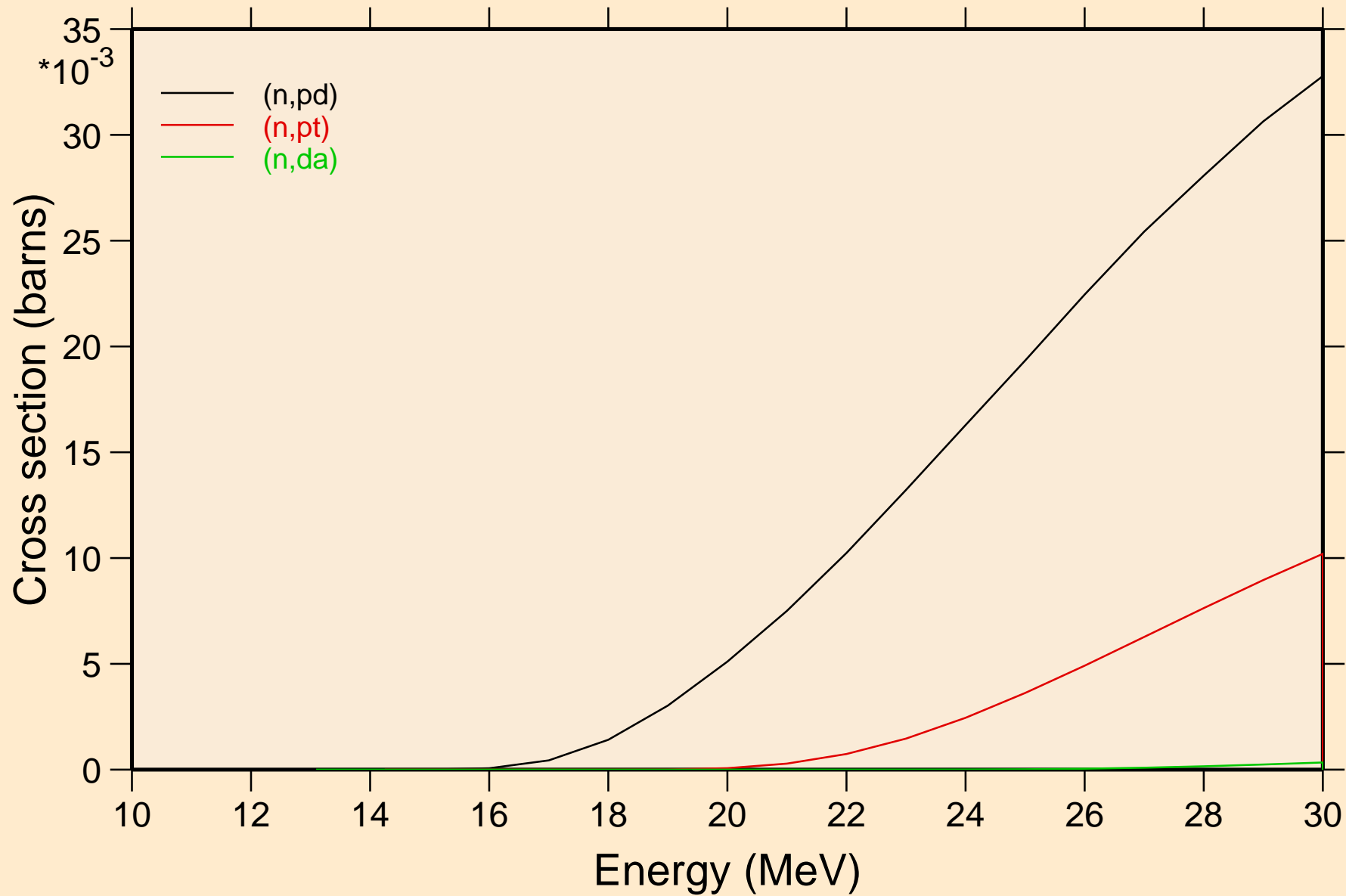
# NI057 NRG TENDL-2015, AKONING

## Threshold reactions

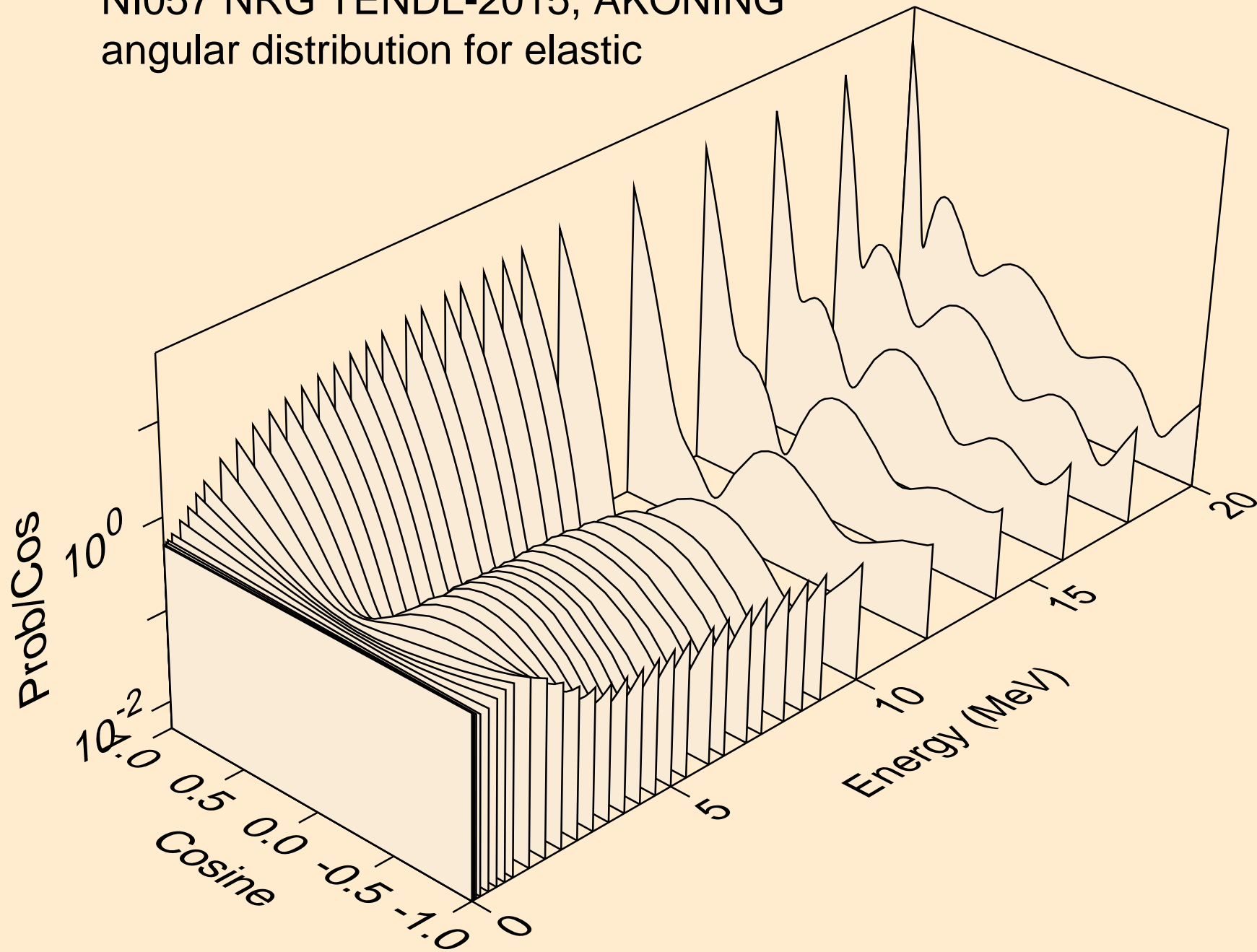


# NI057 NRG TENDL-2015, AKONING

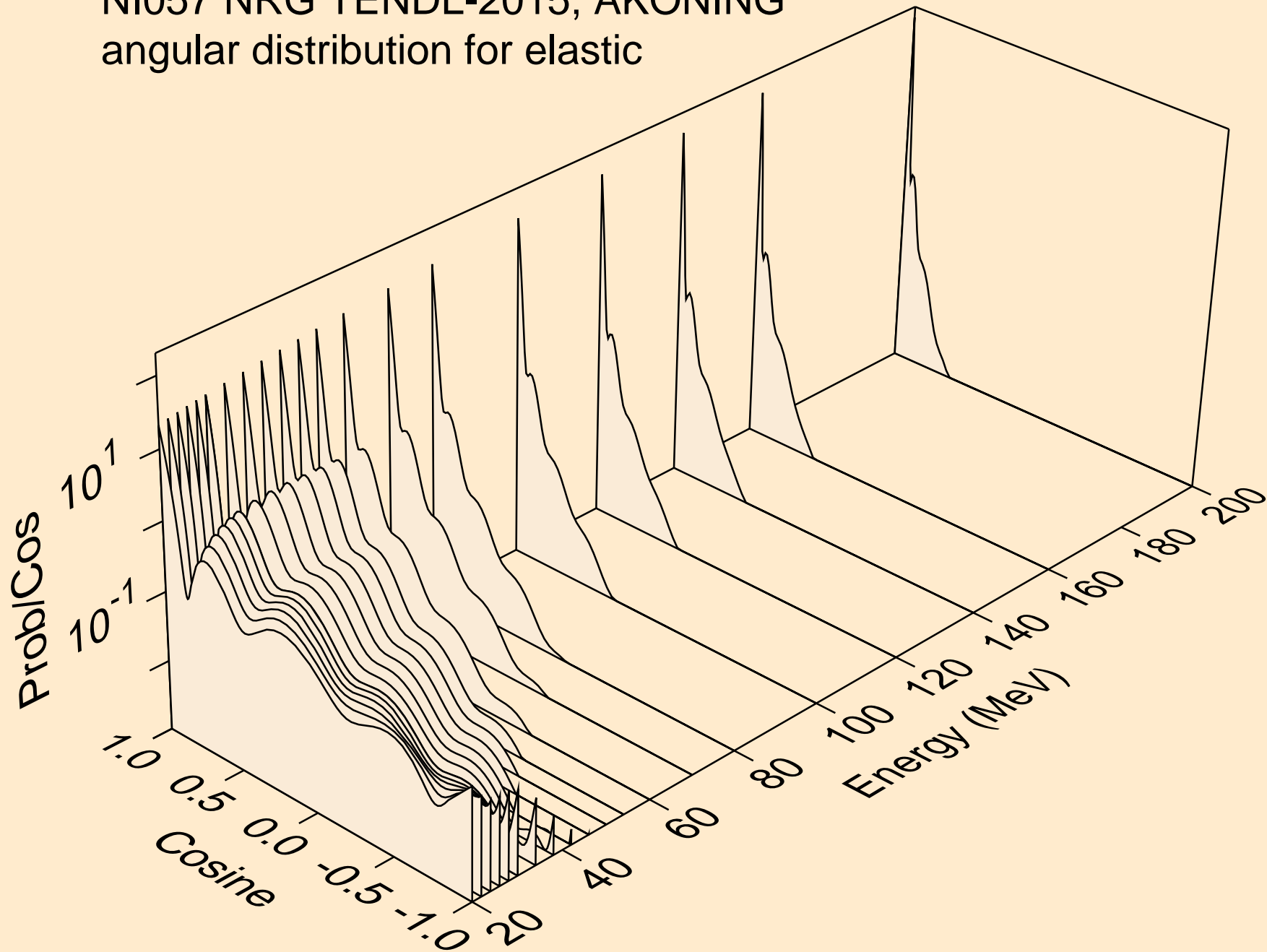
## Threshold reactions



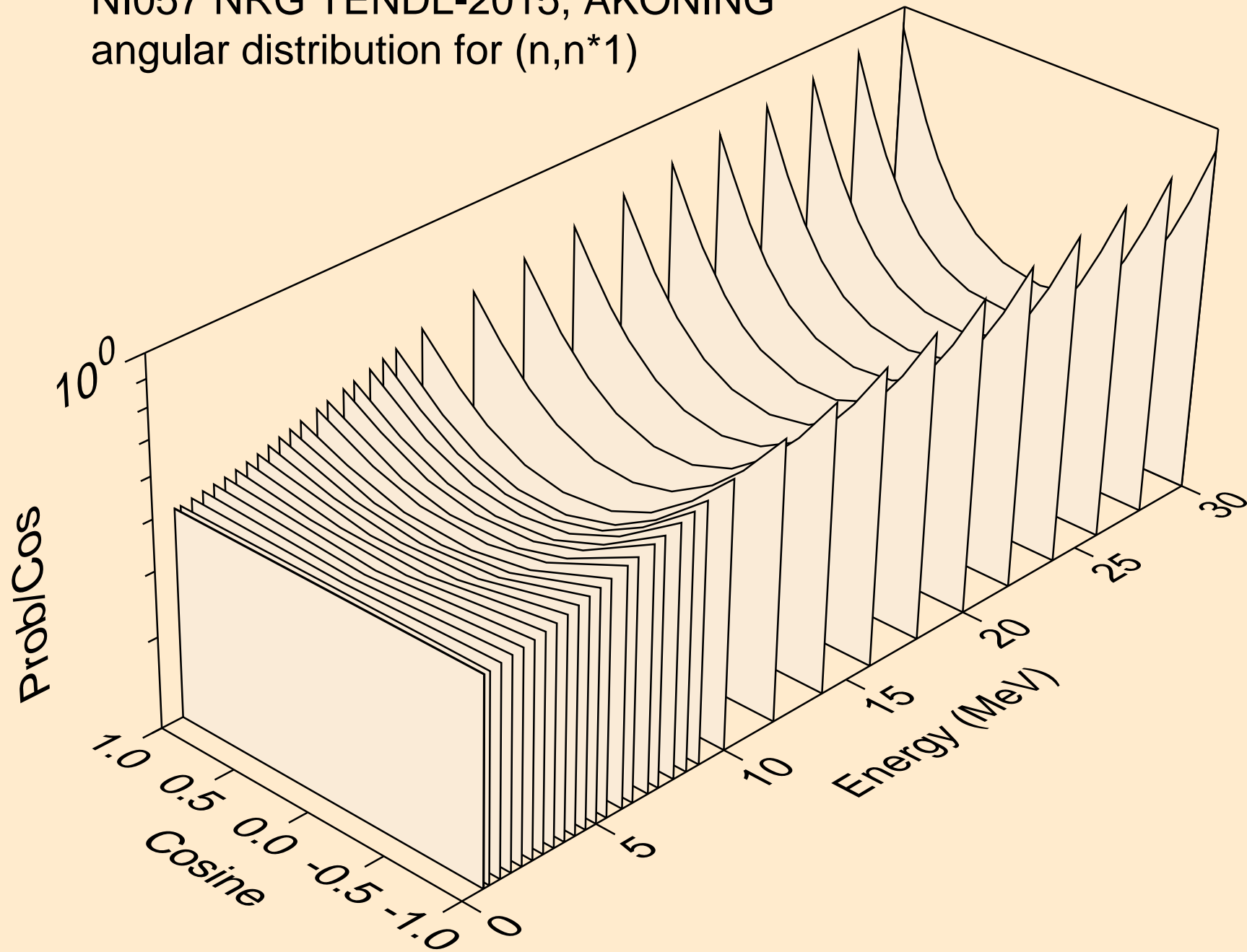
NI057 NRG TENDL-2015, AKONING  
angular distribution for elastic



NI057 NRG TENDL-2015, AKONING  
angular distribution for elastic

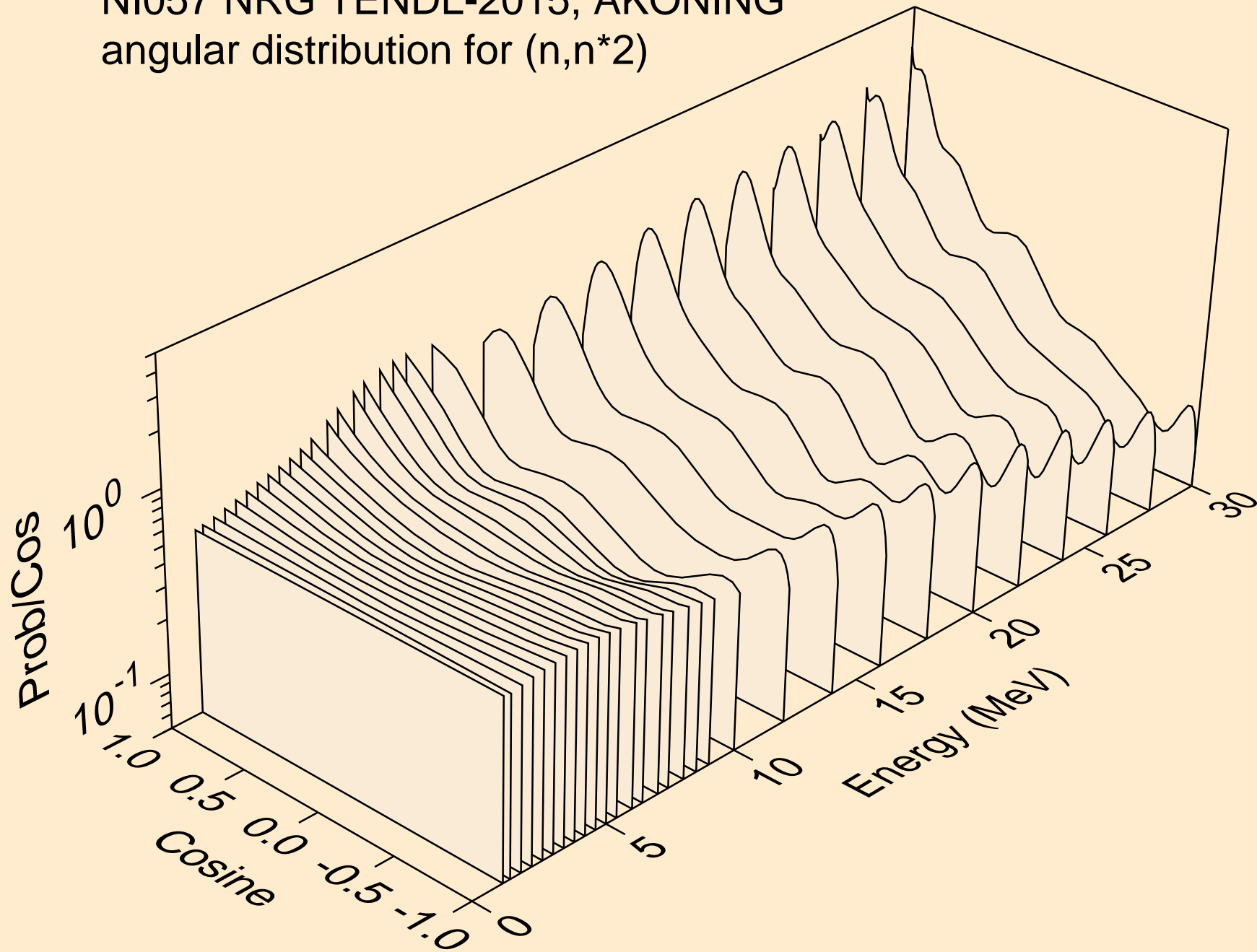


NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

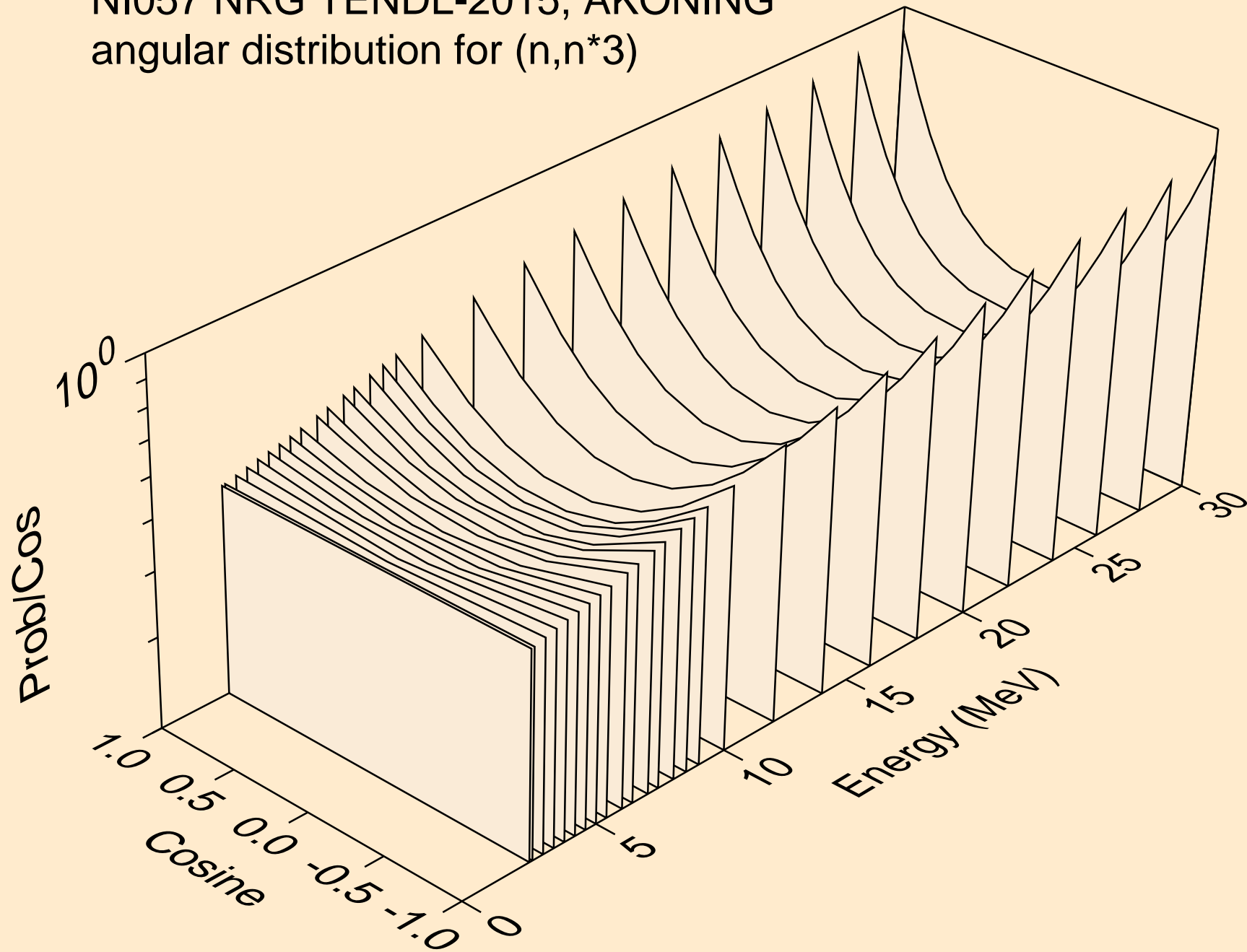




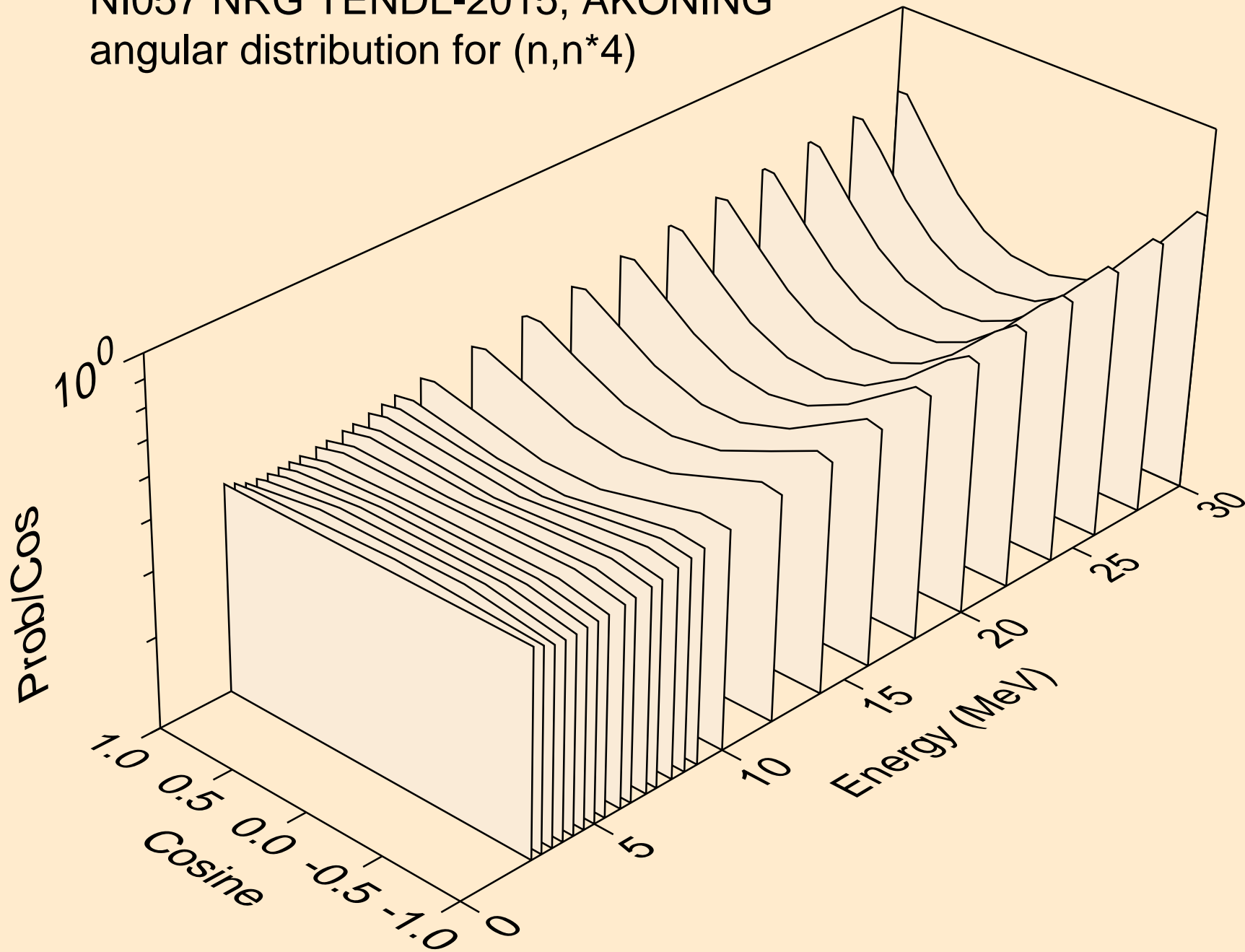
NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



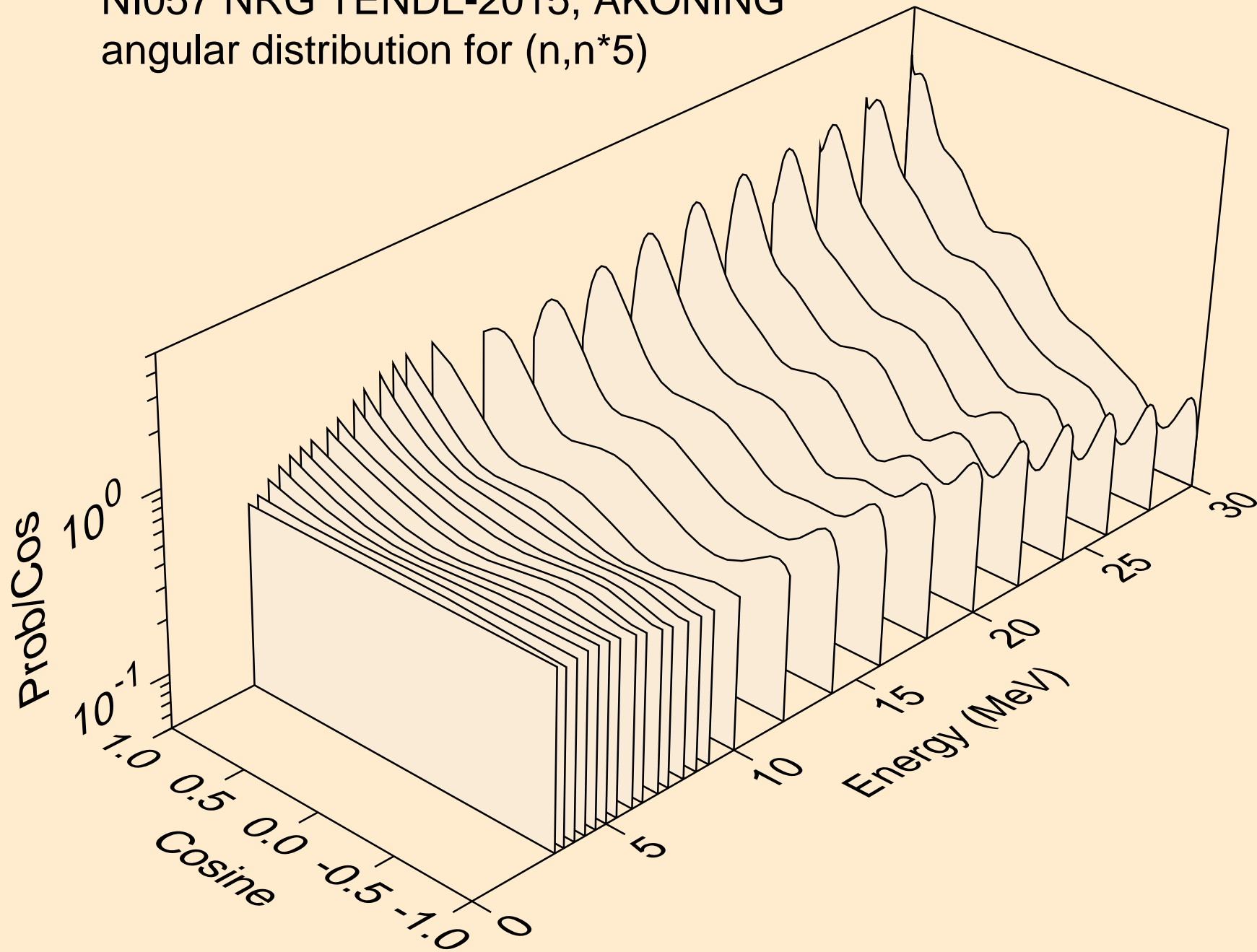
NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



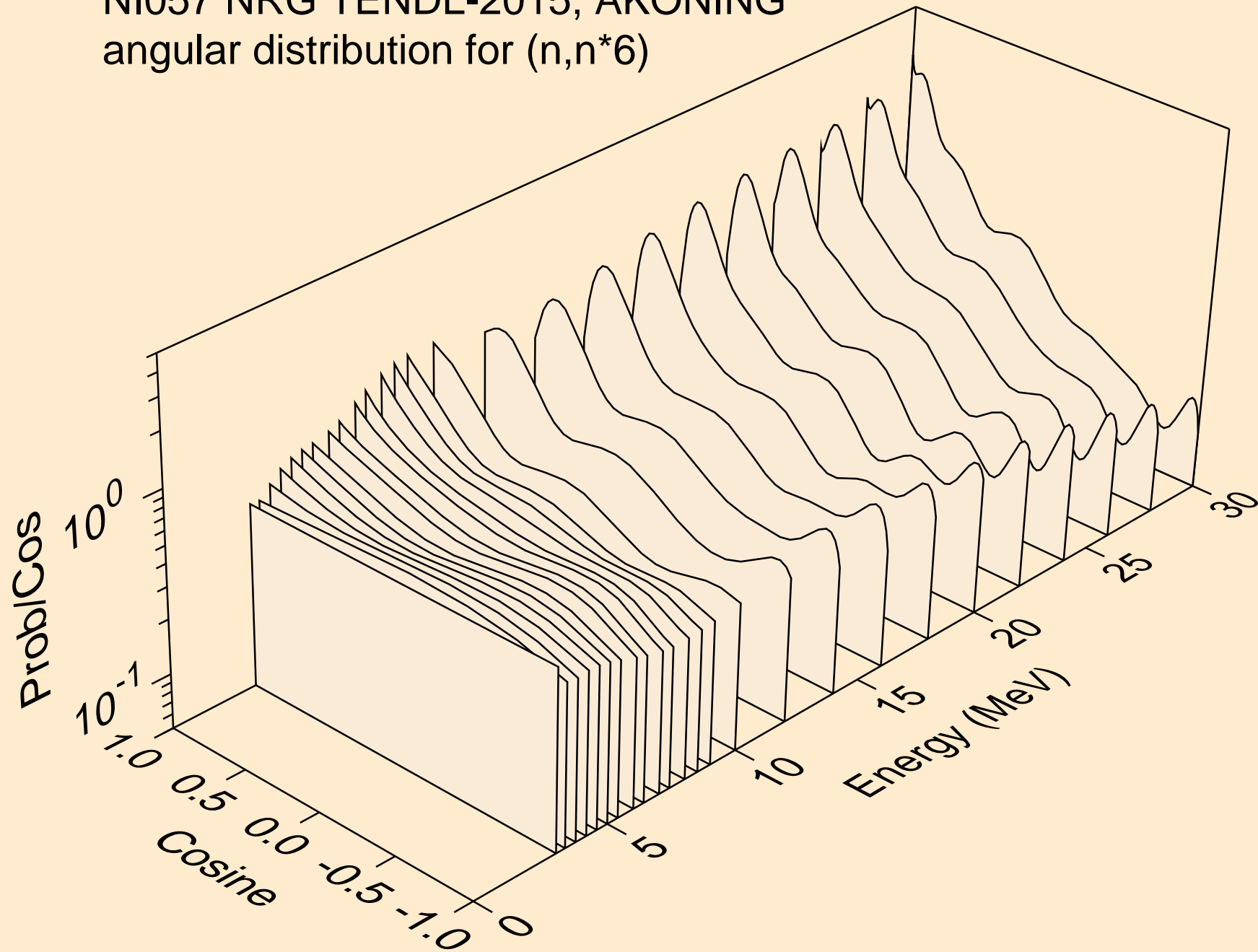
NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



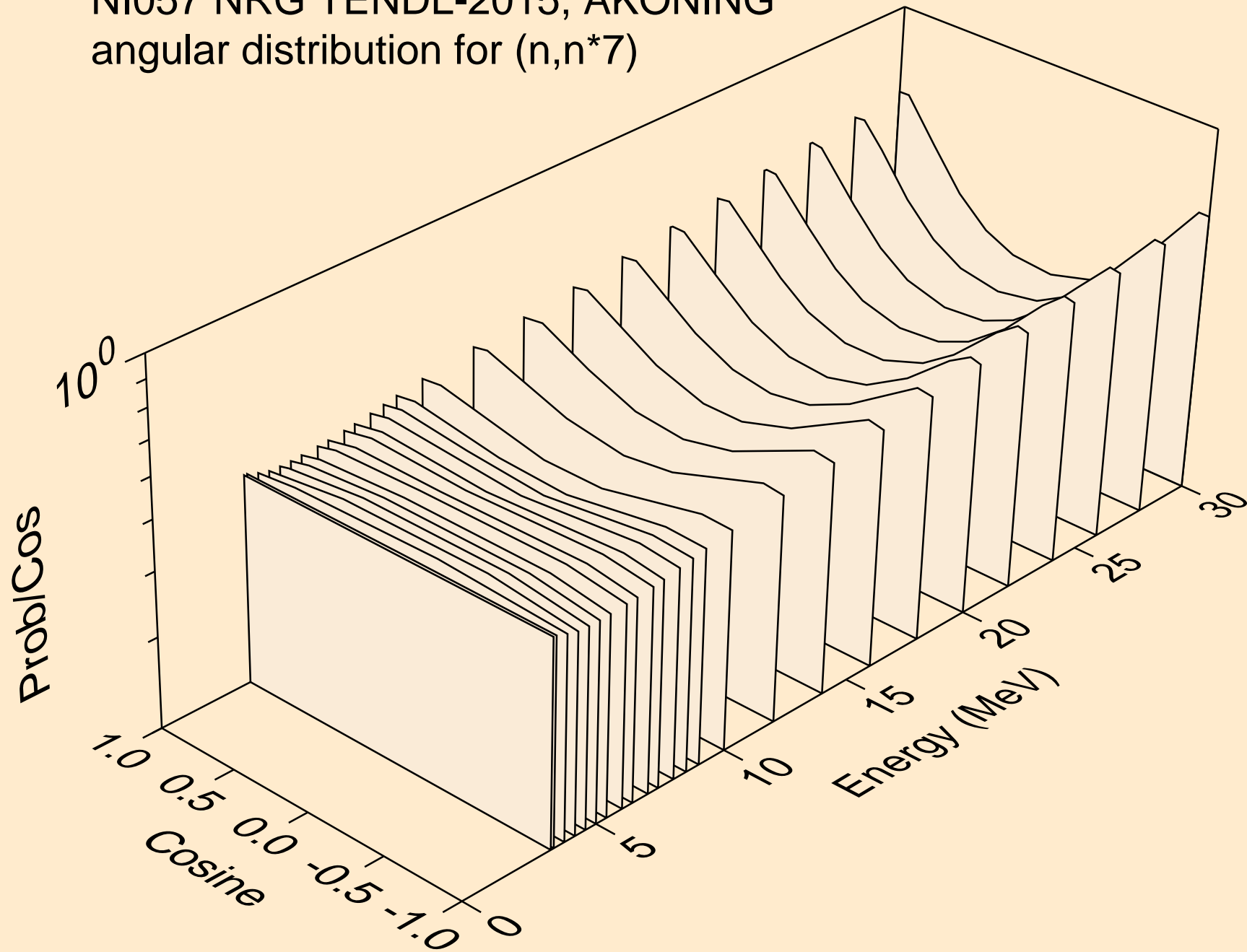
NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



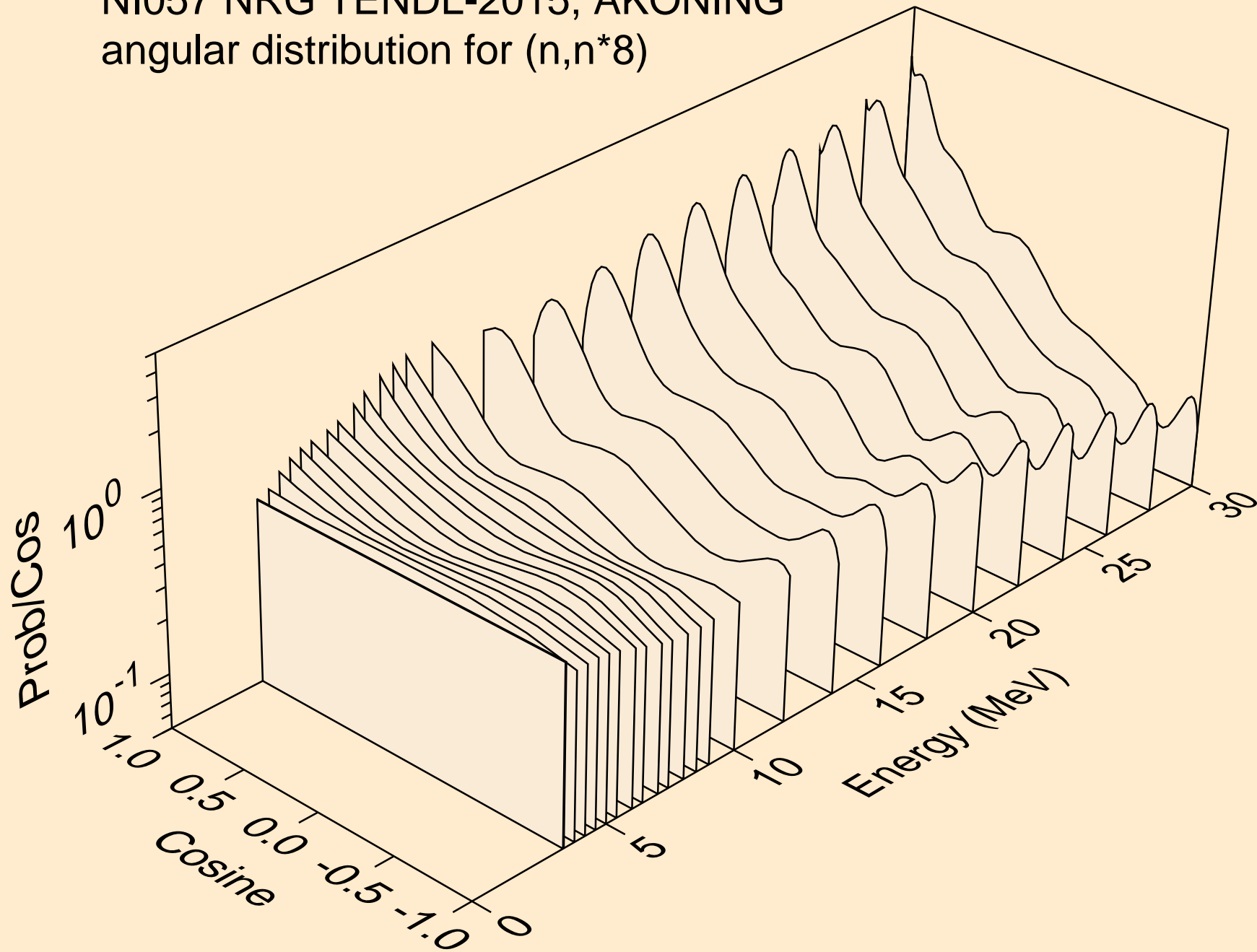
NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



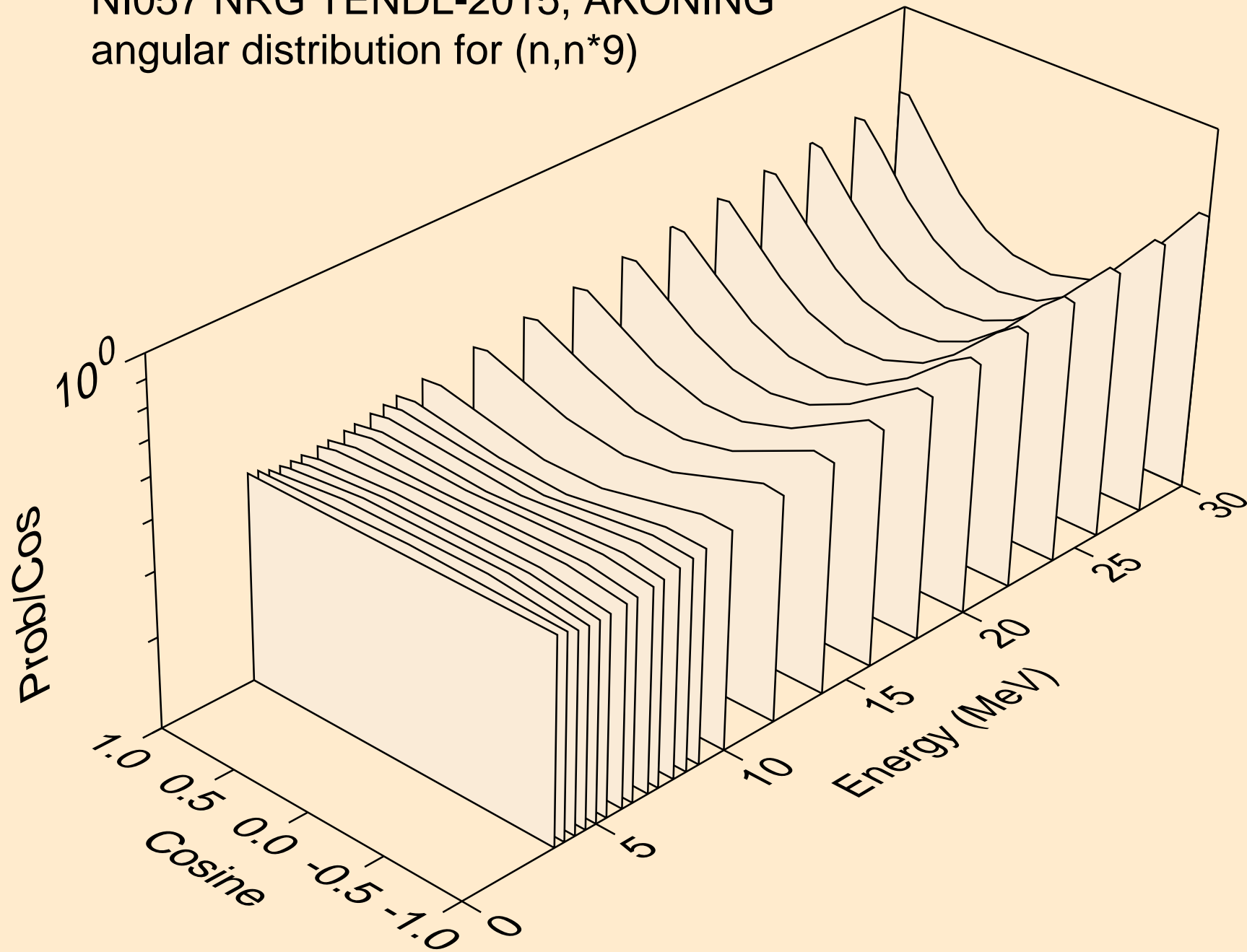
NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

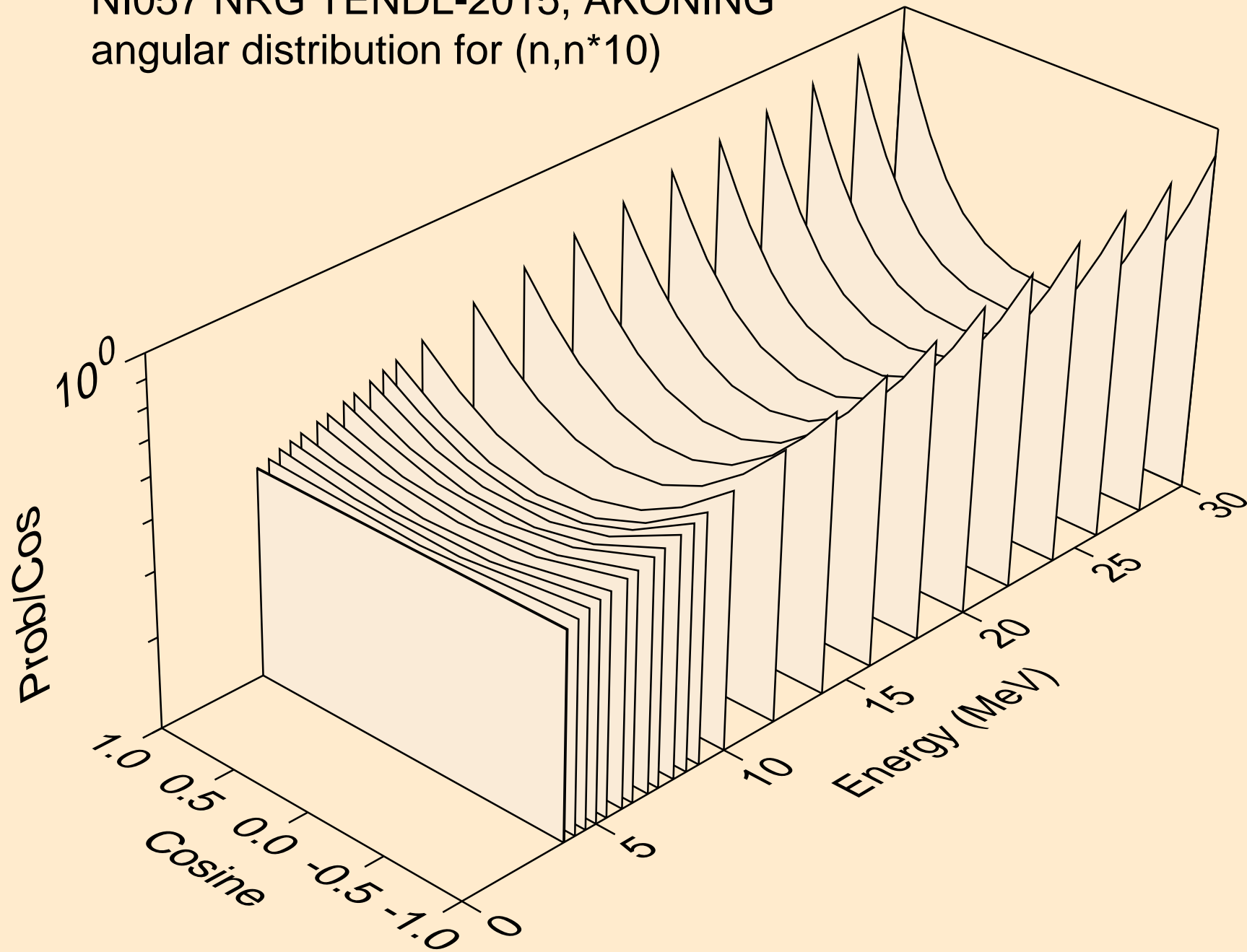


NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

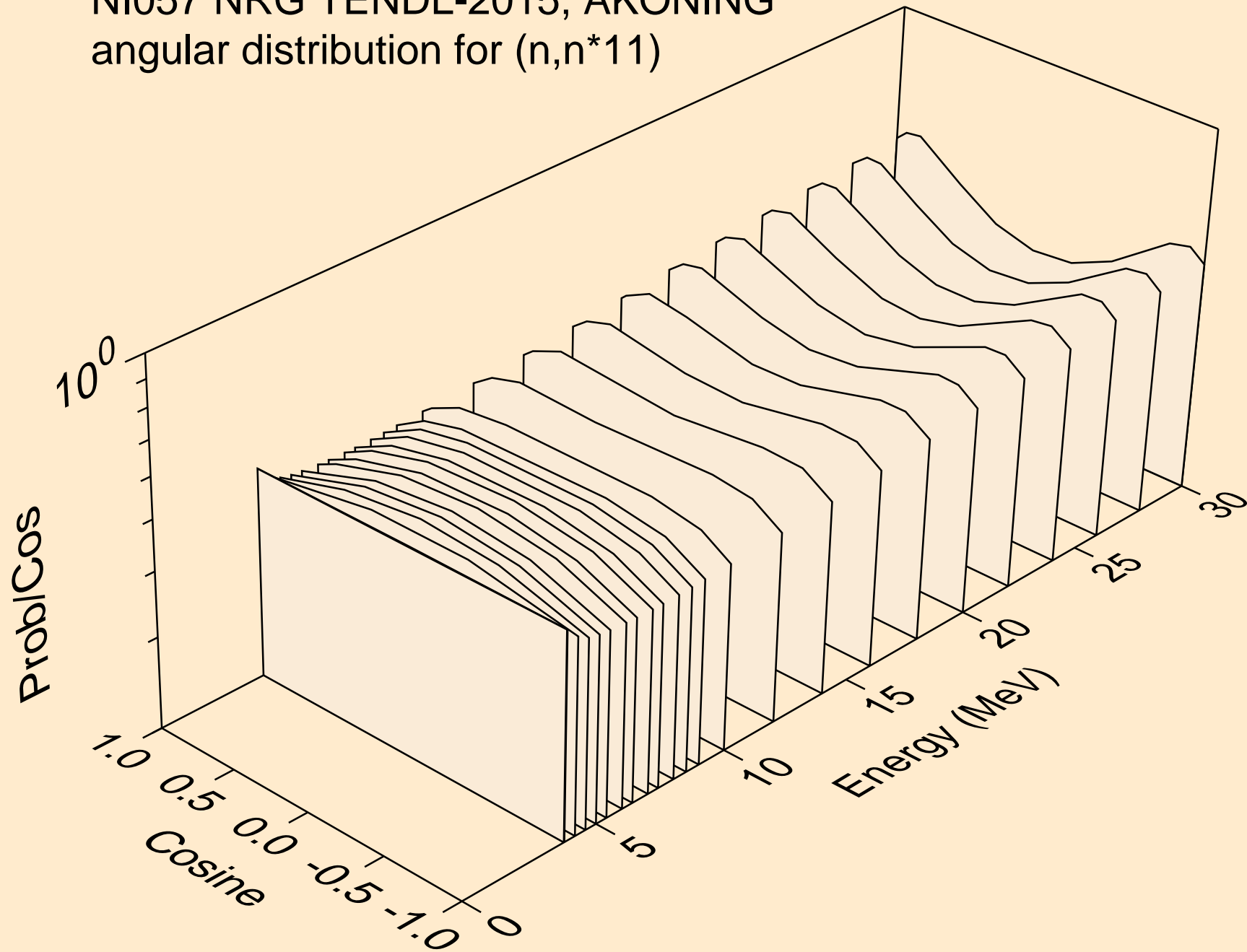




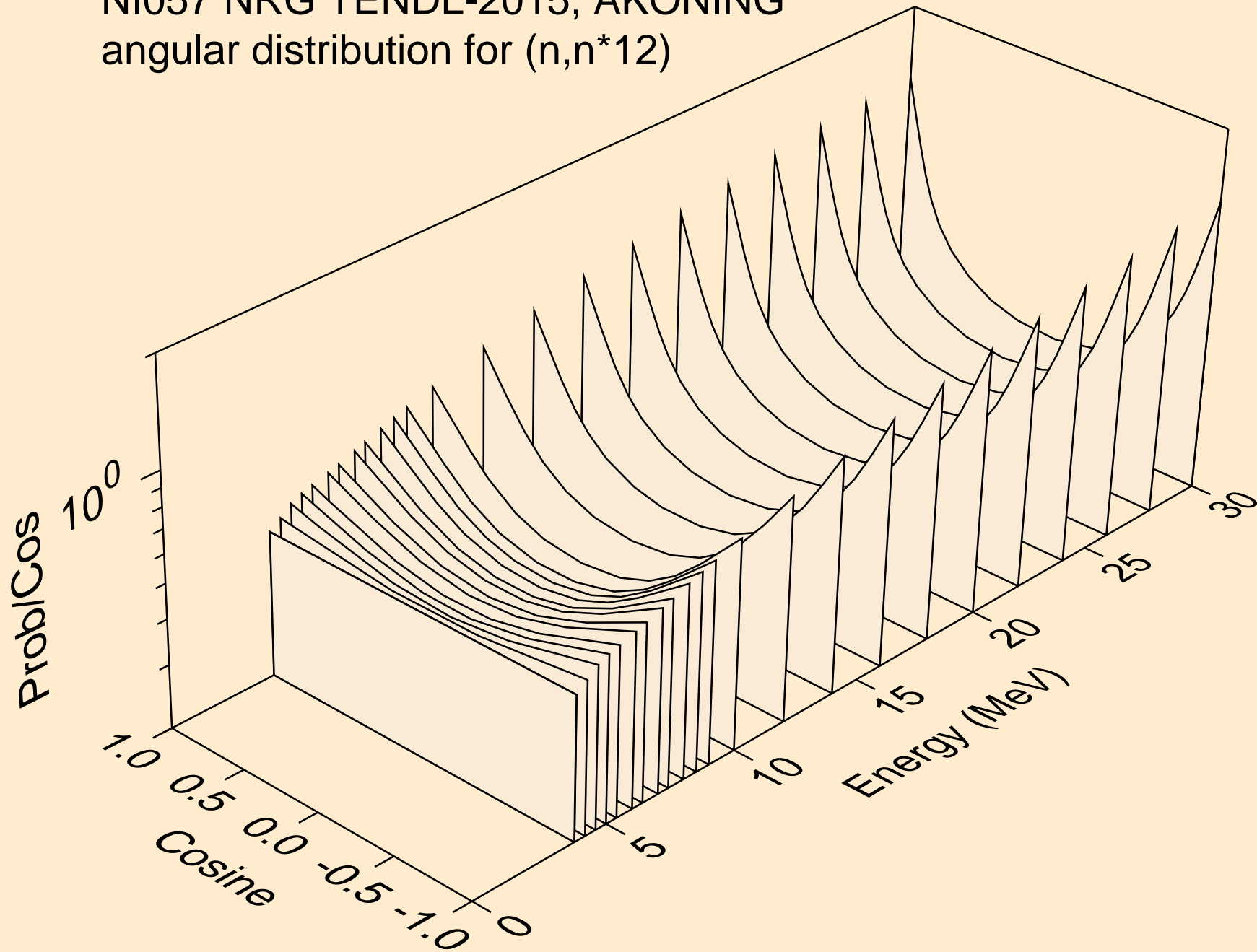
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angular distribution for (n,n\*10)



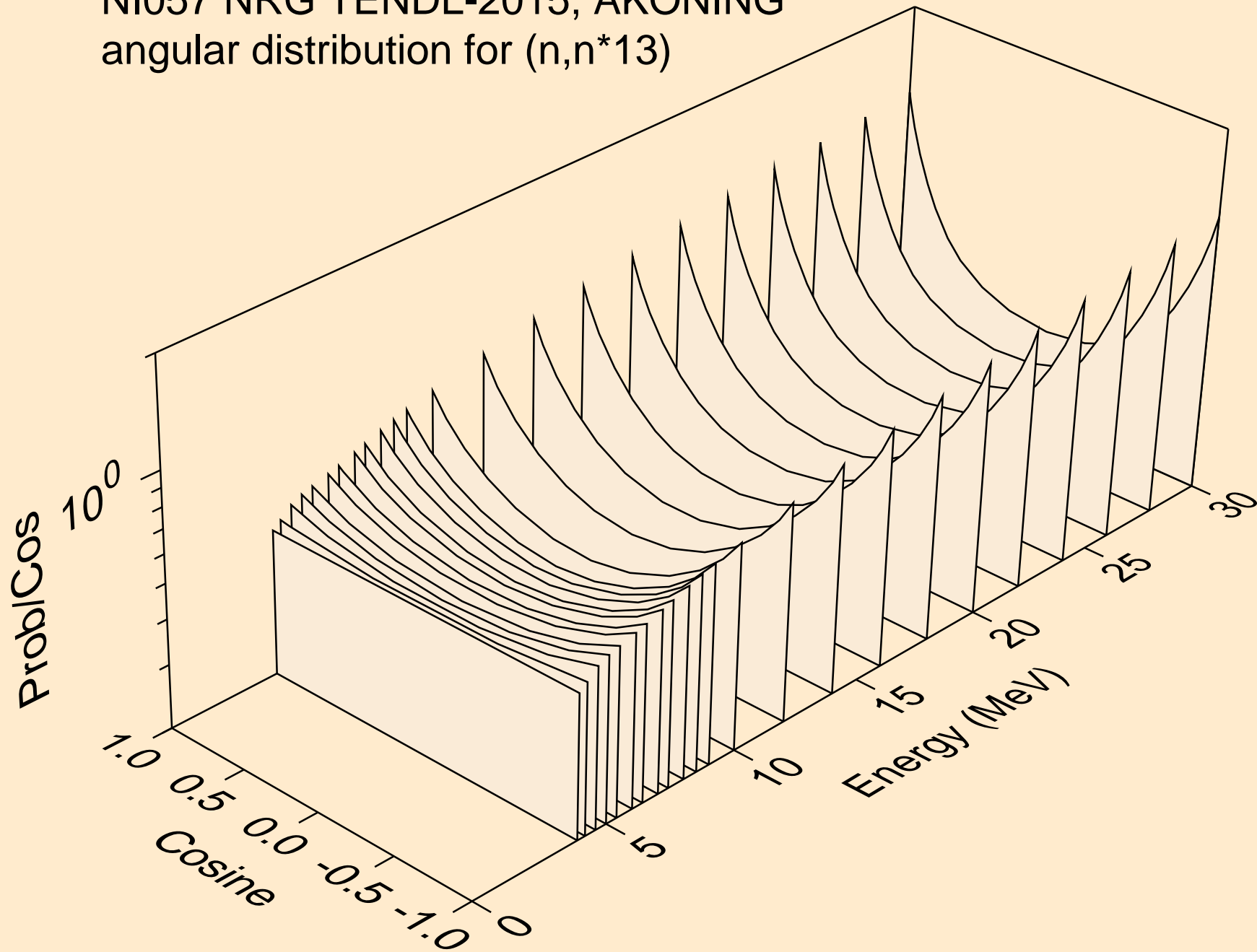
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angular distribution for (n,n\*11)



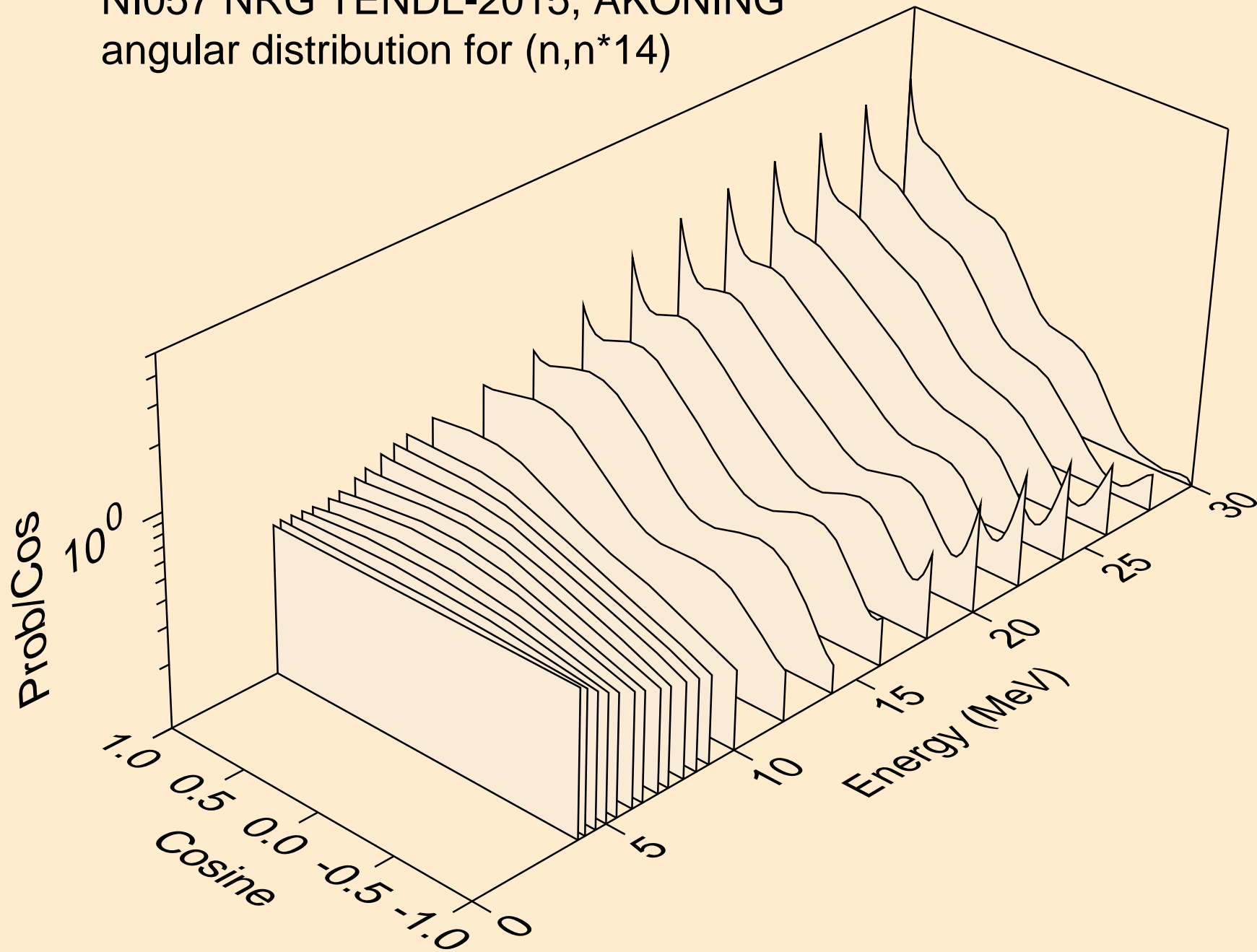
NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



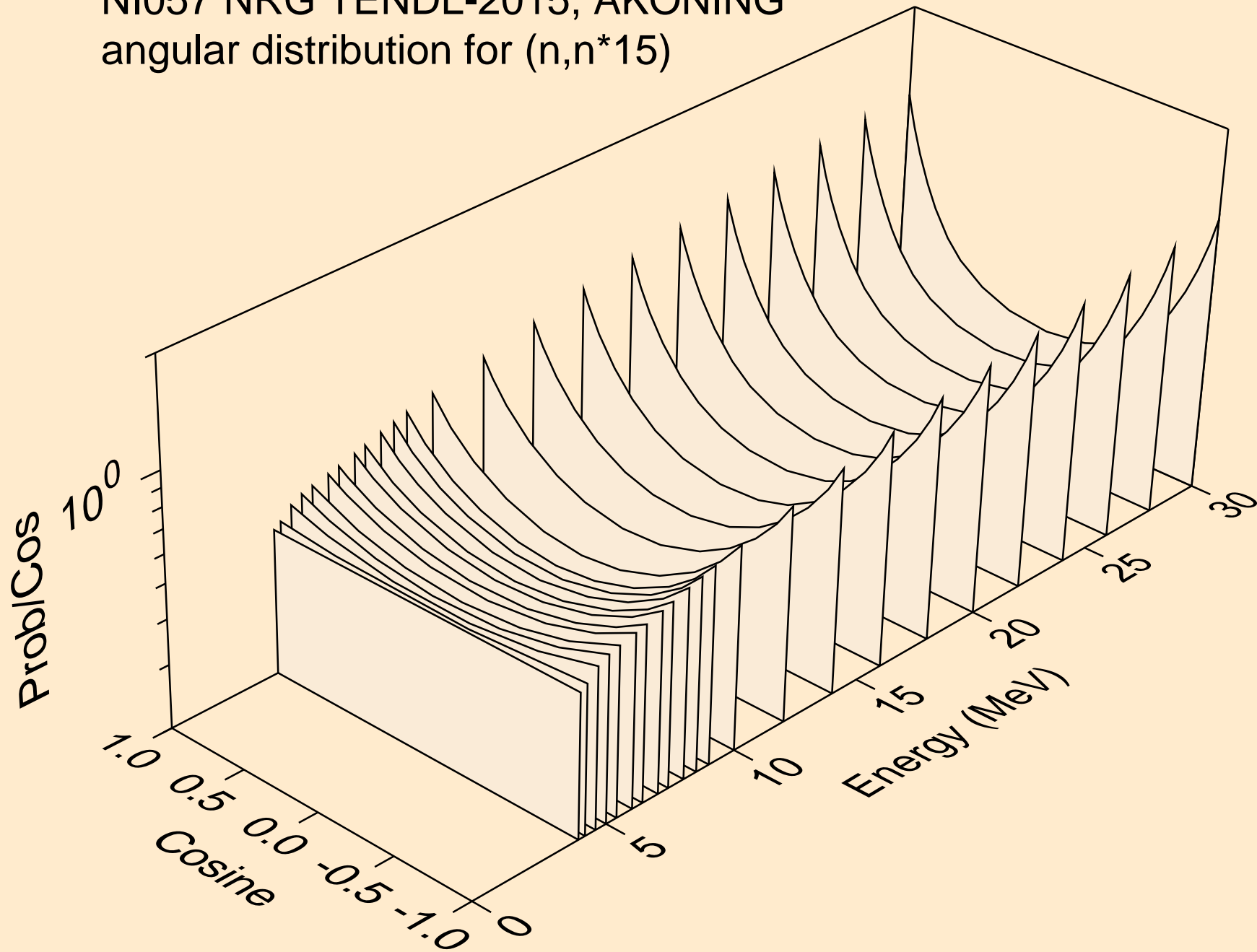
NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



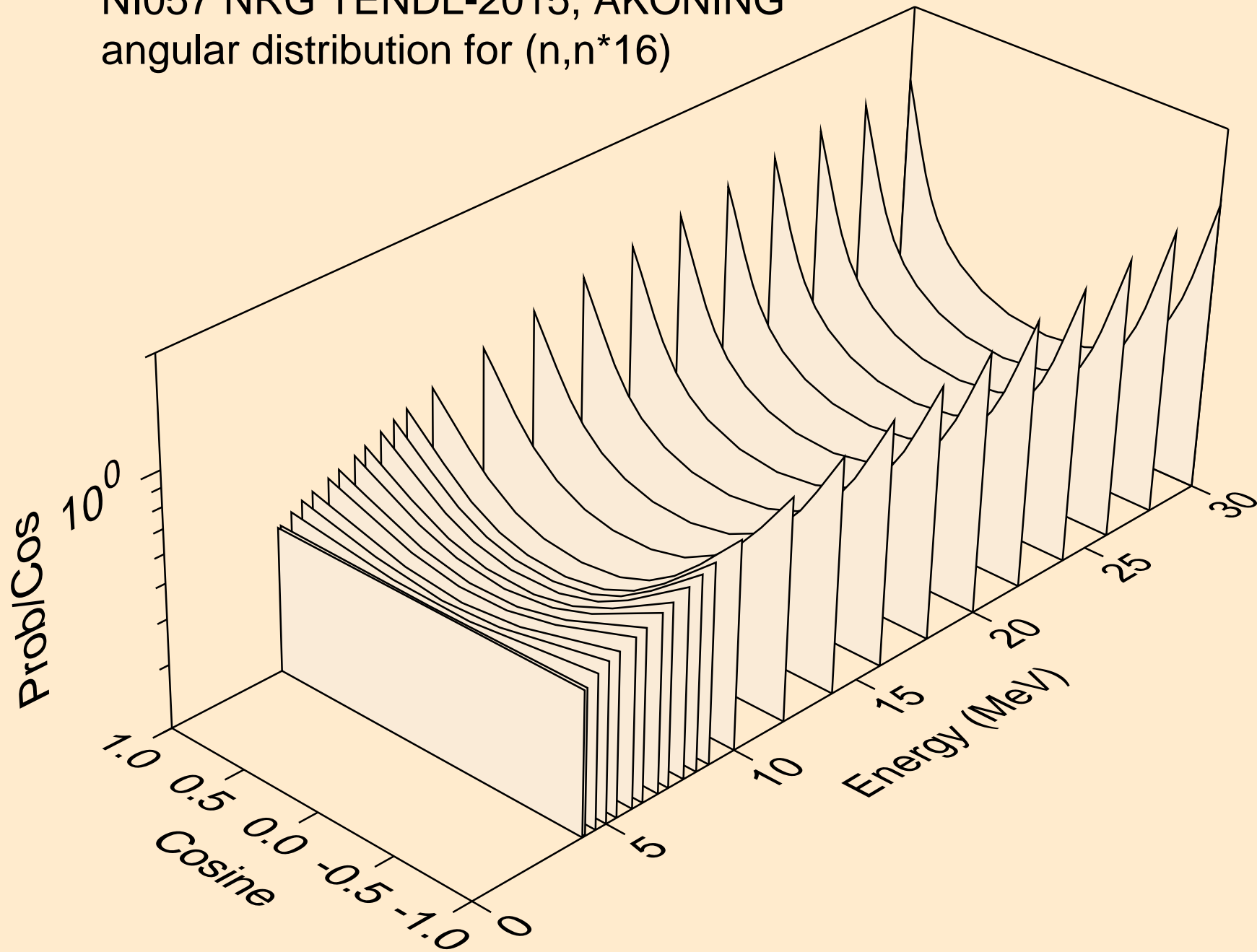
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angular distribution for (n,n\*14)



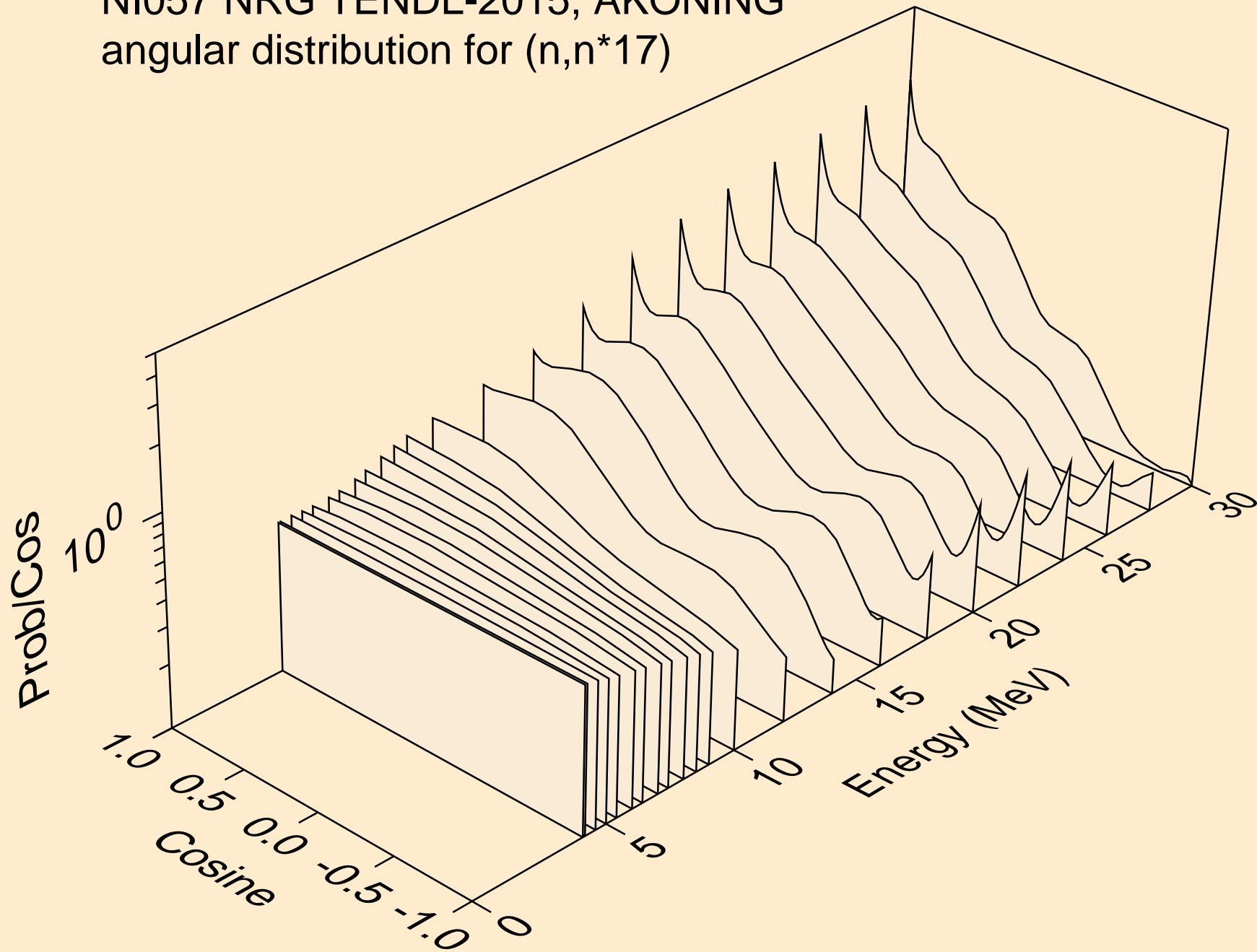
NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

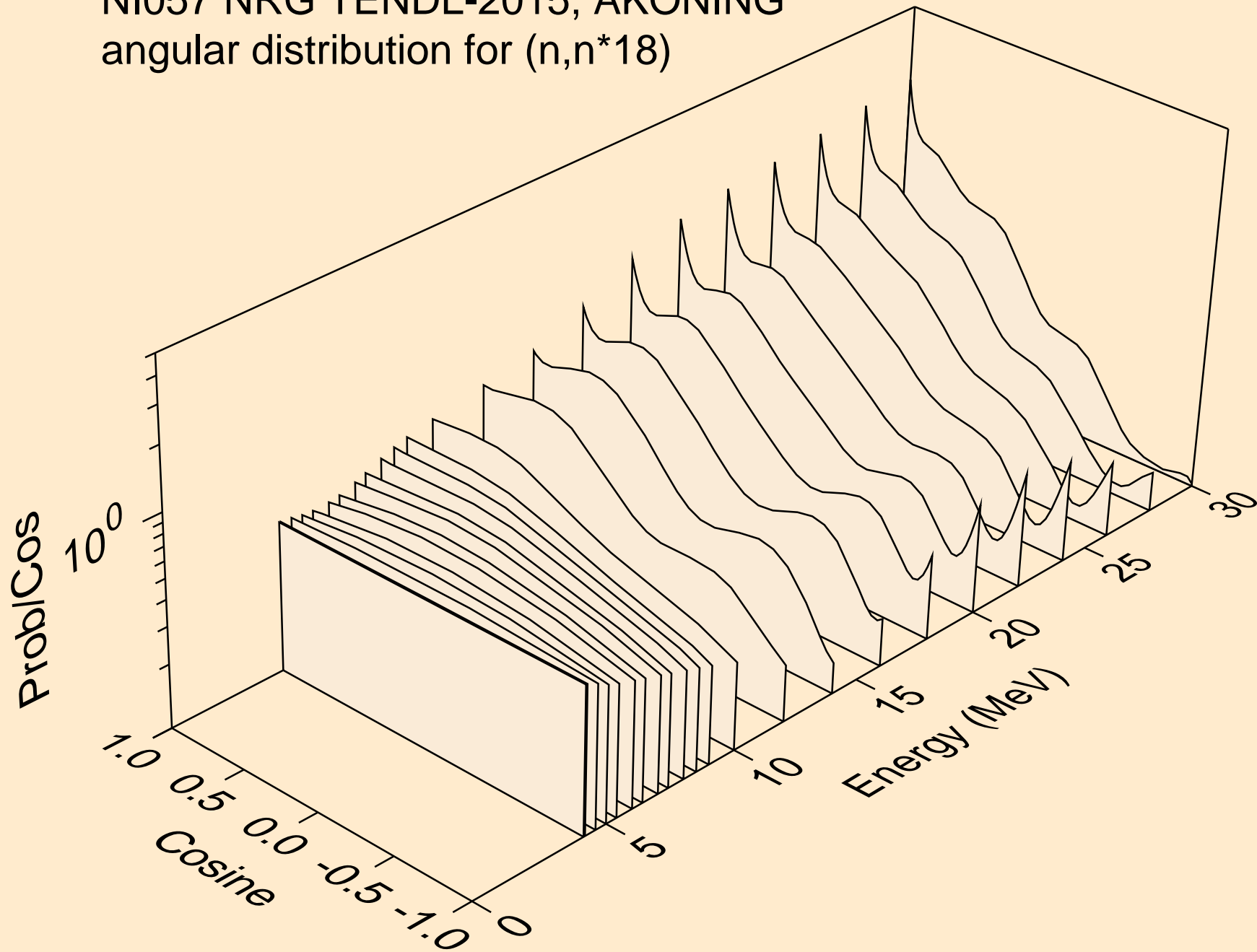


NI057 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)

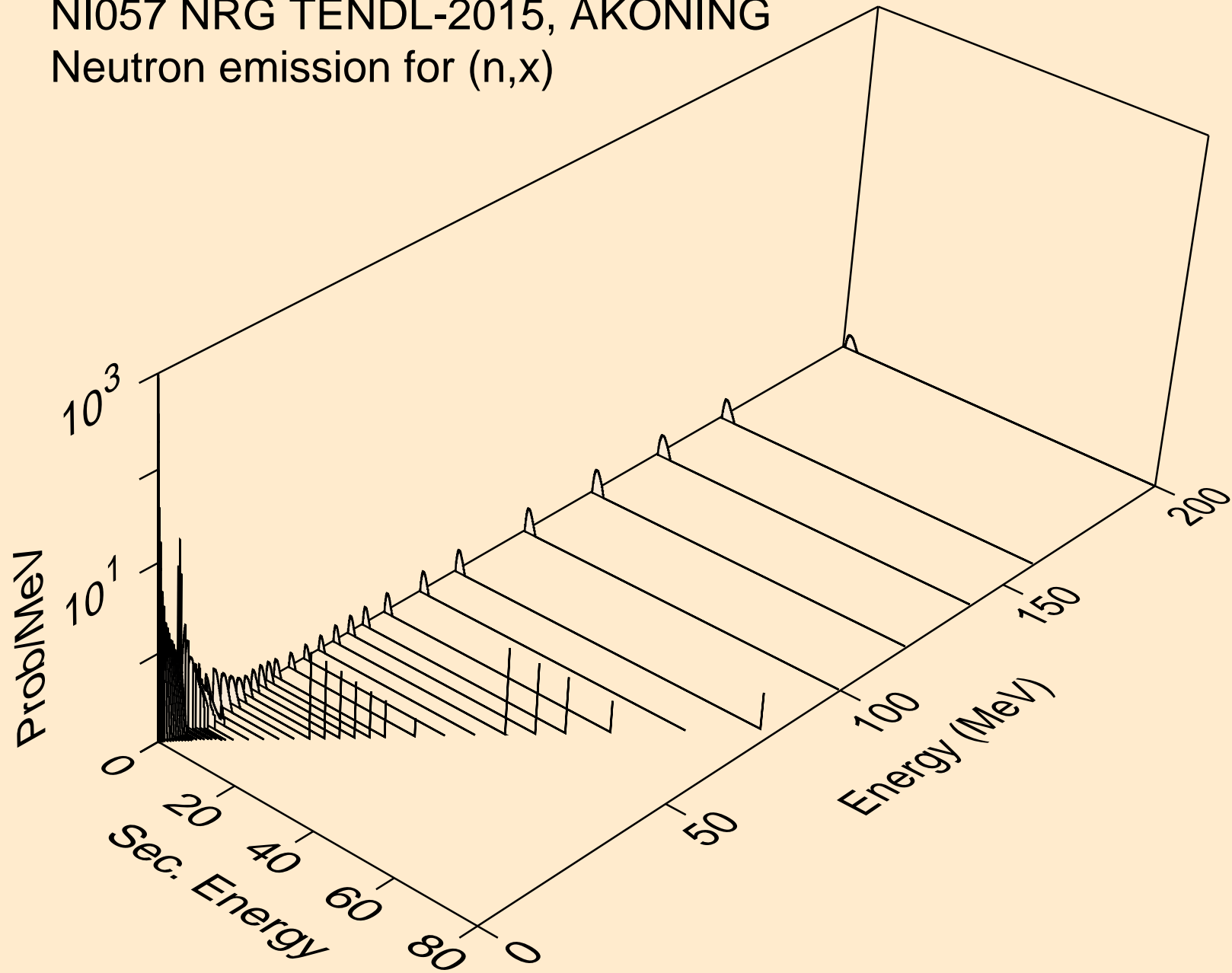




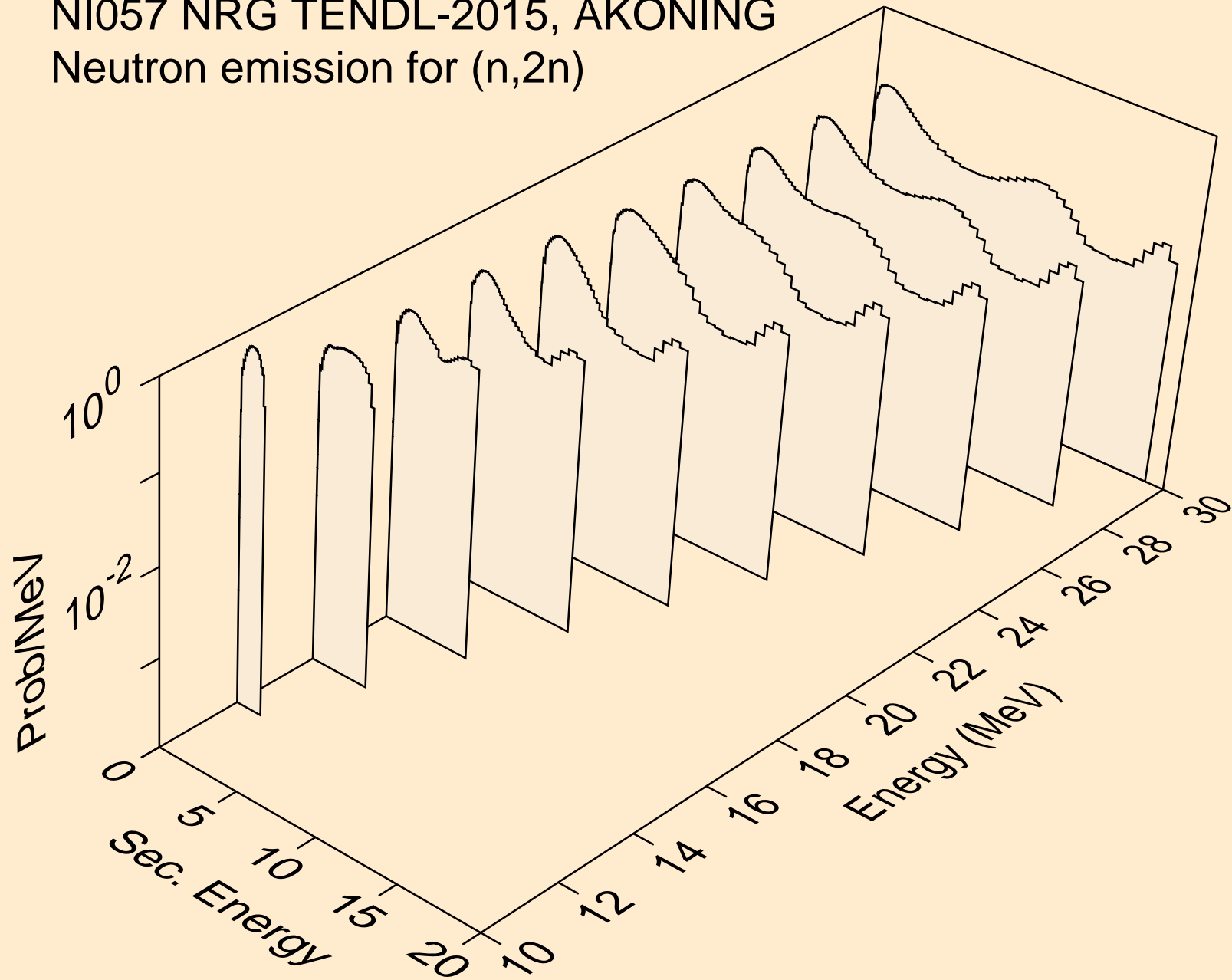
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angular distribution for (n,n\*18)



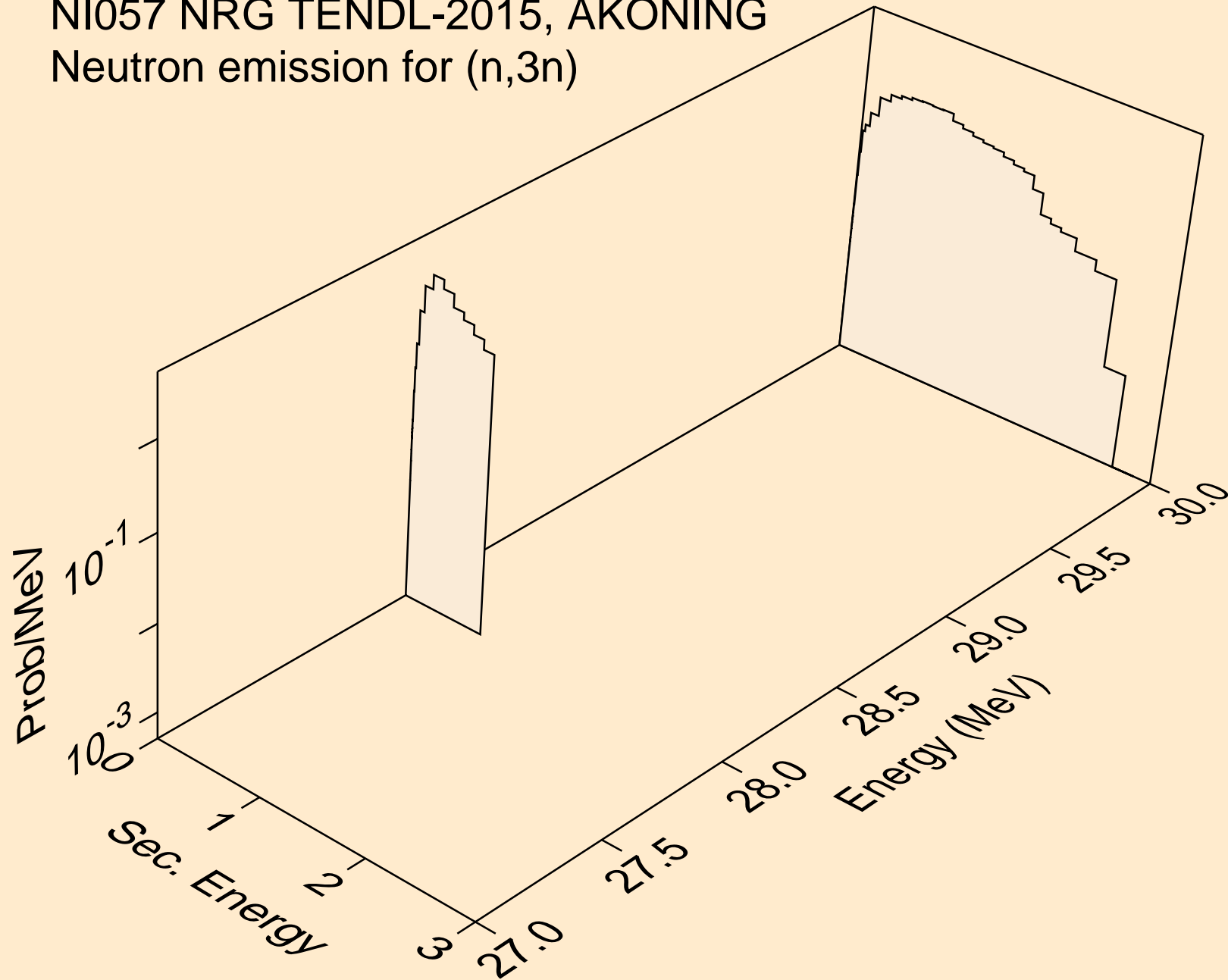
NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



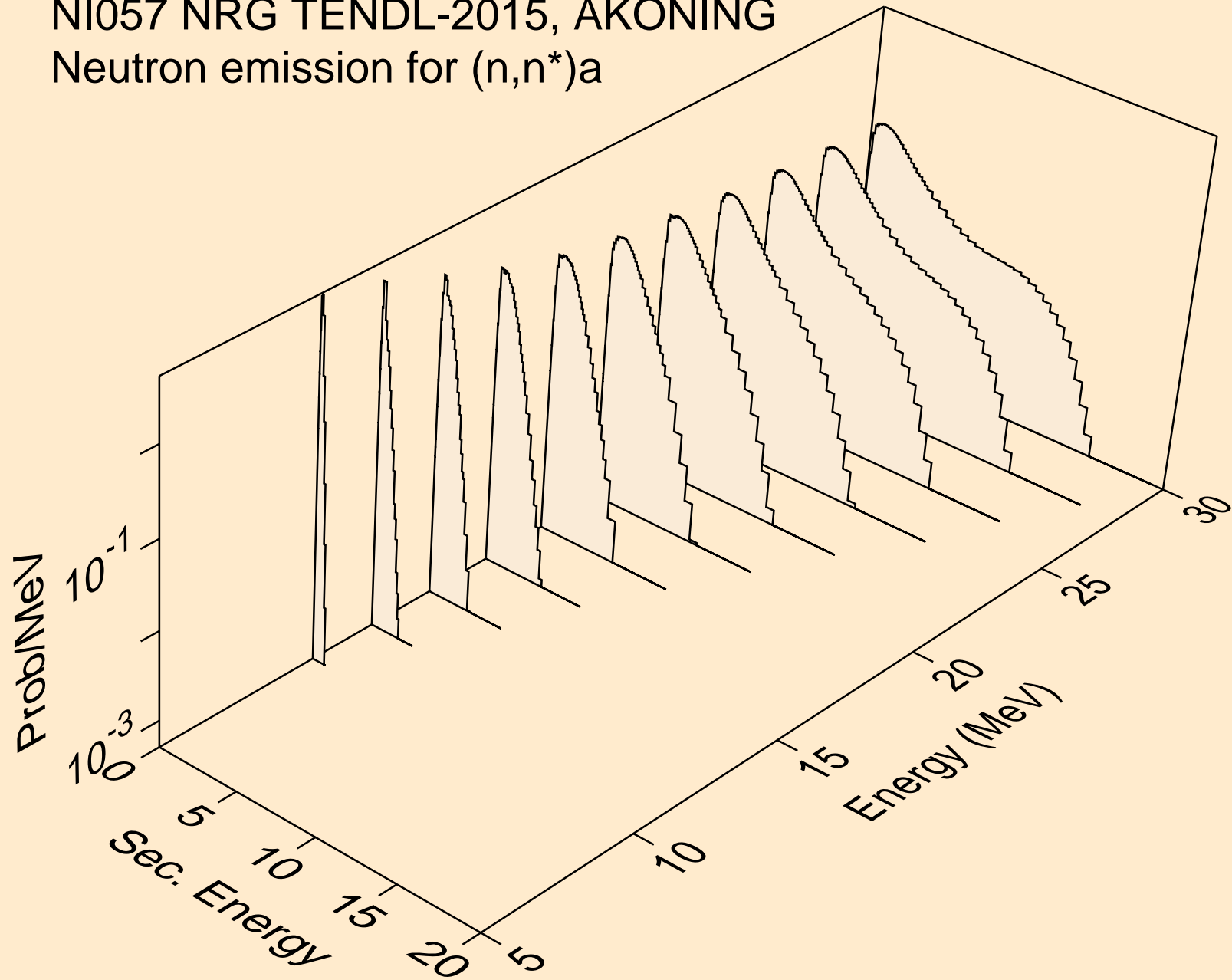
NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



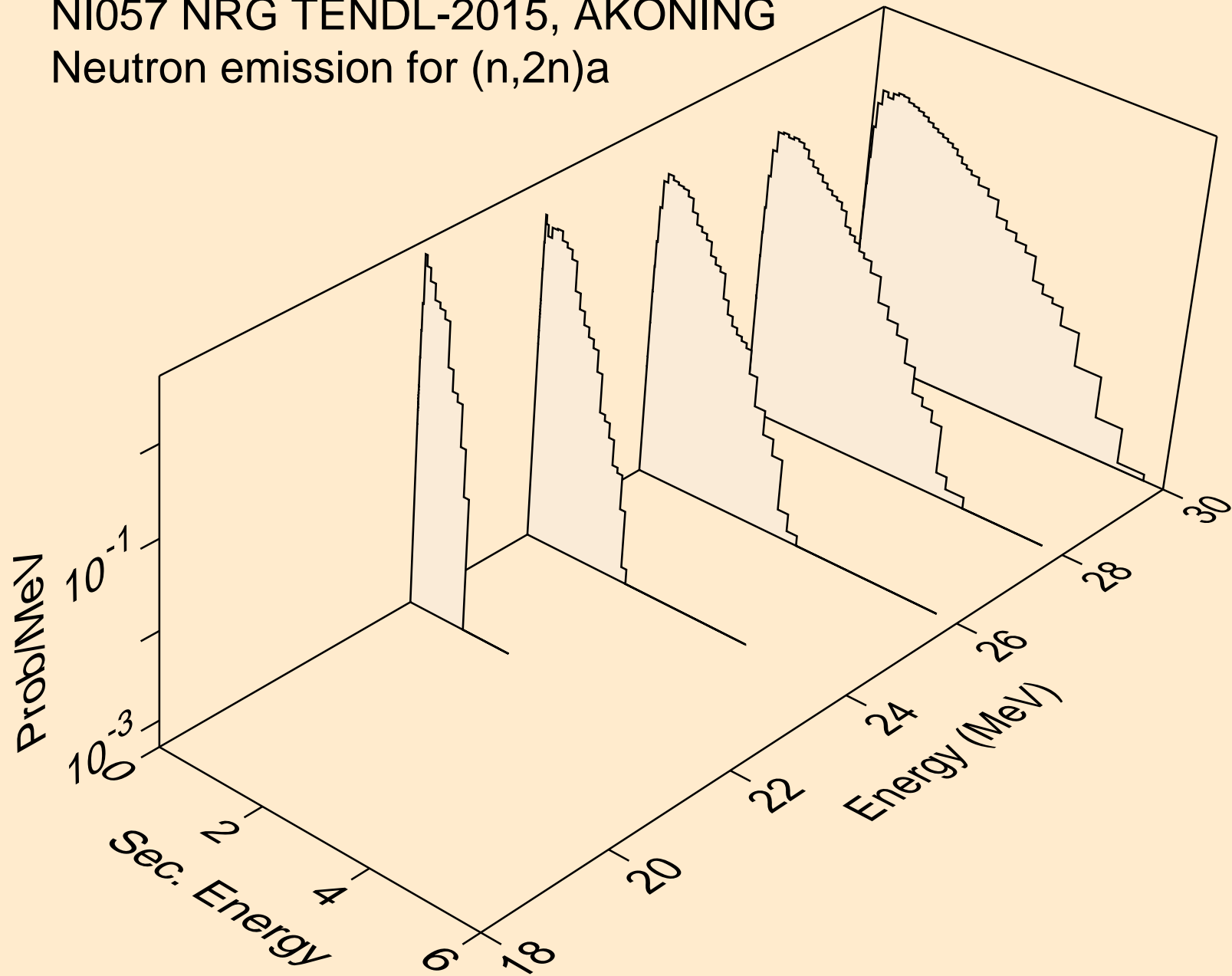
NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



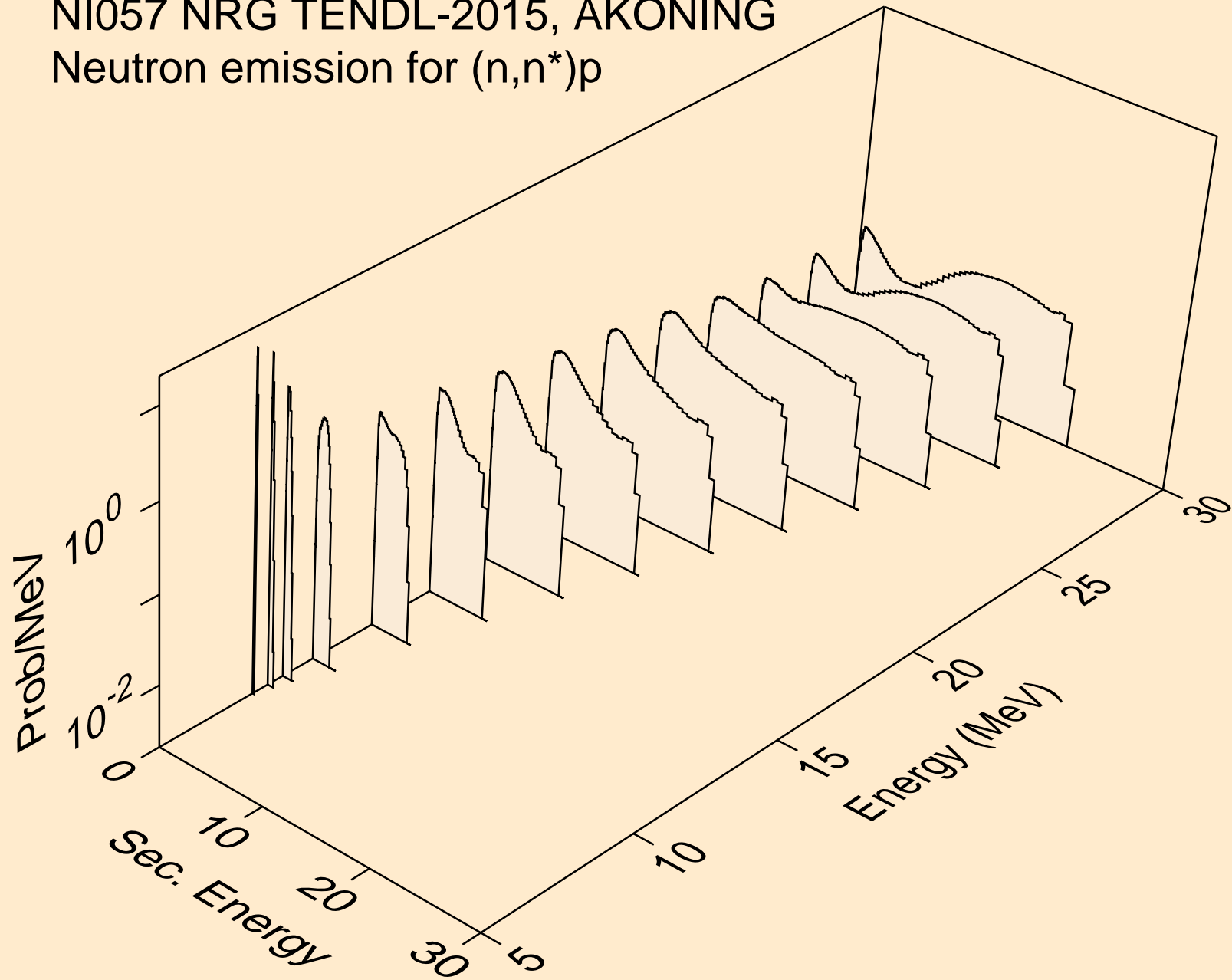
NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



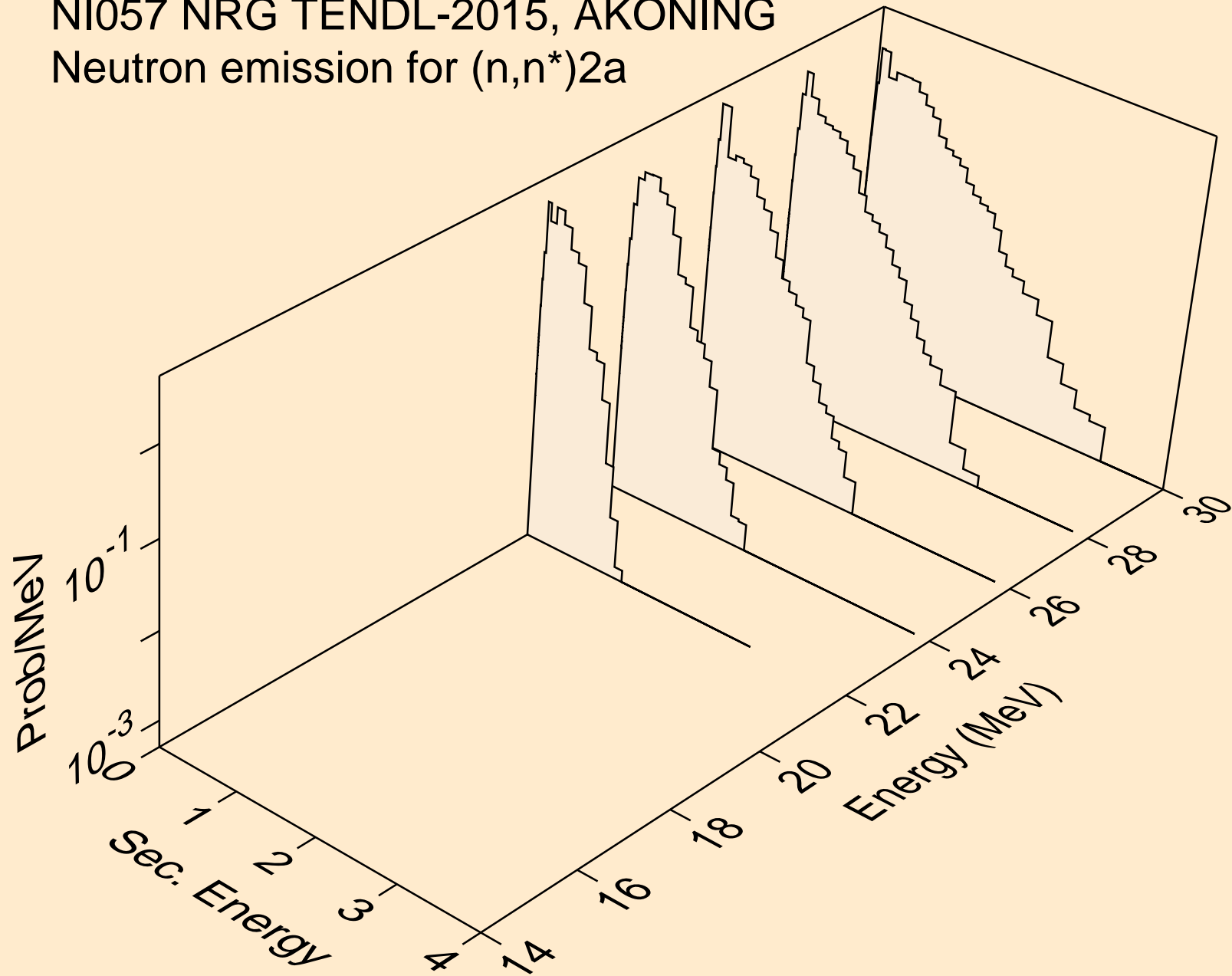
NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

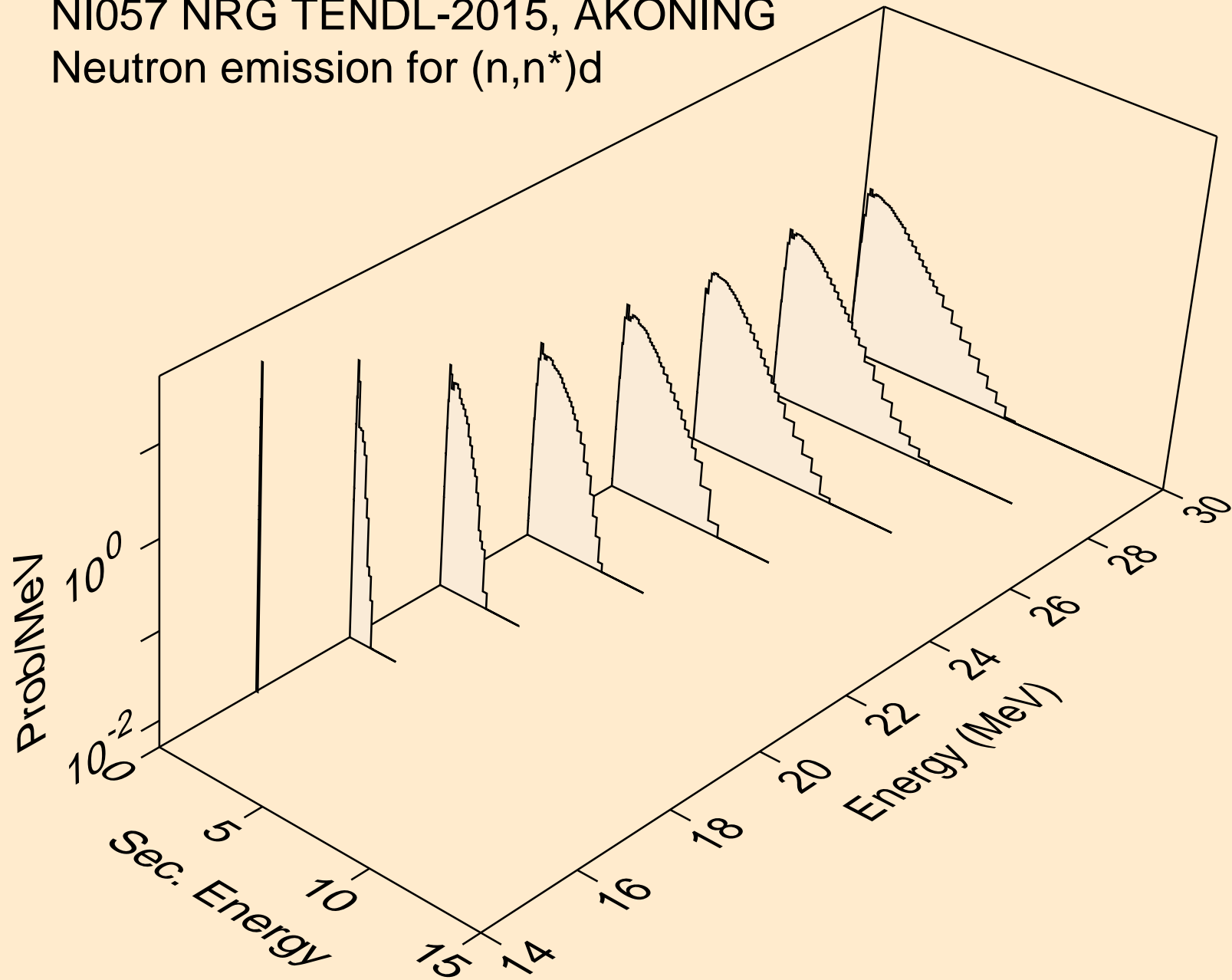


NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

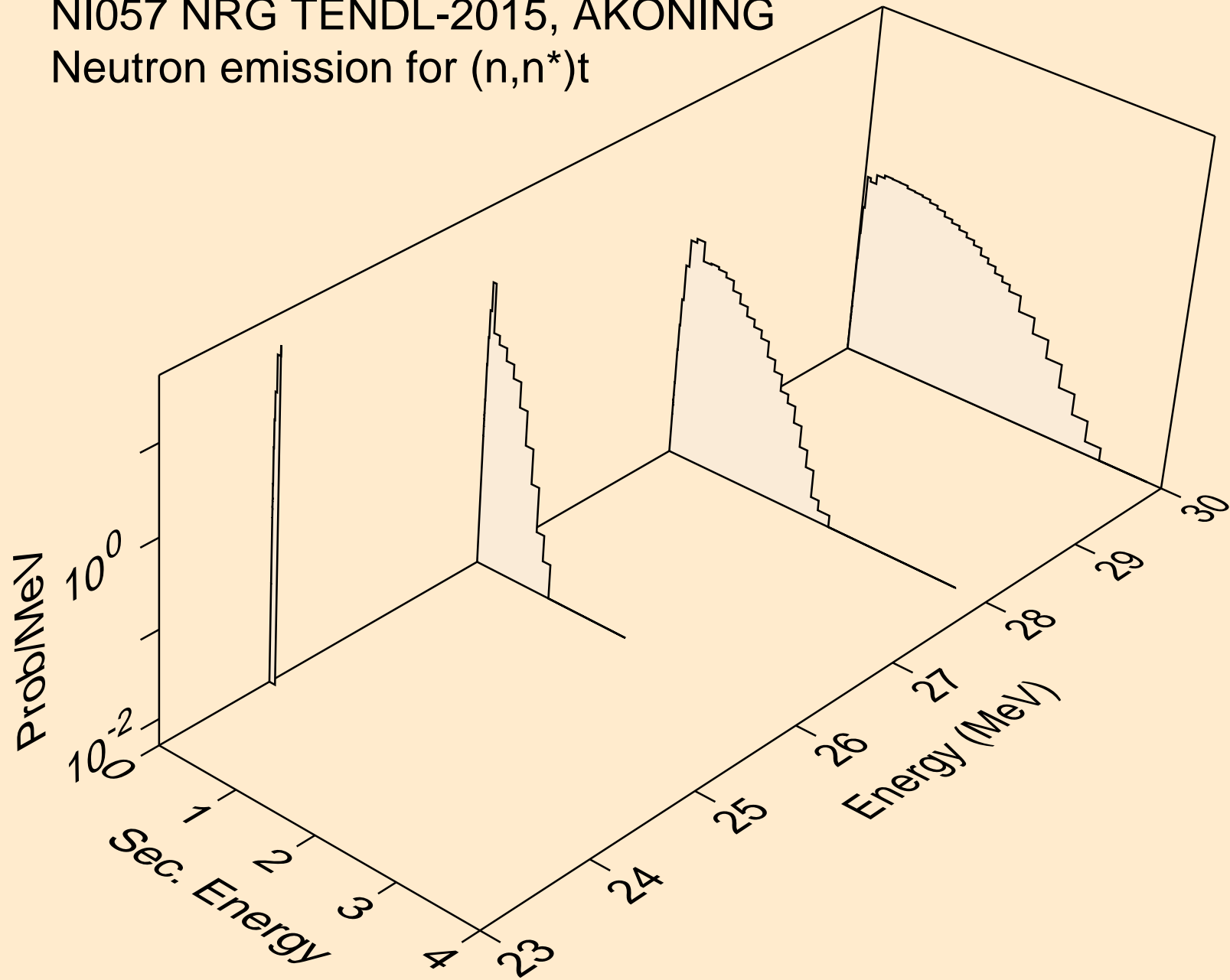




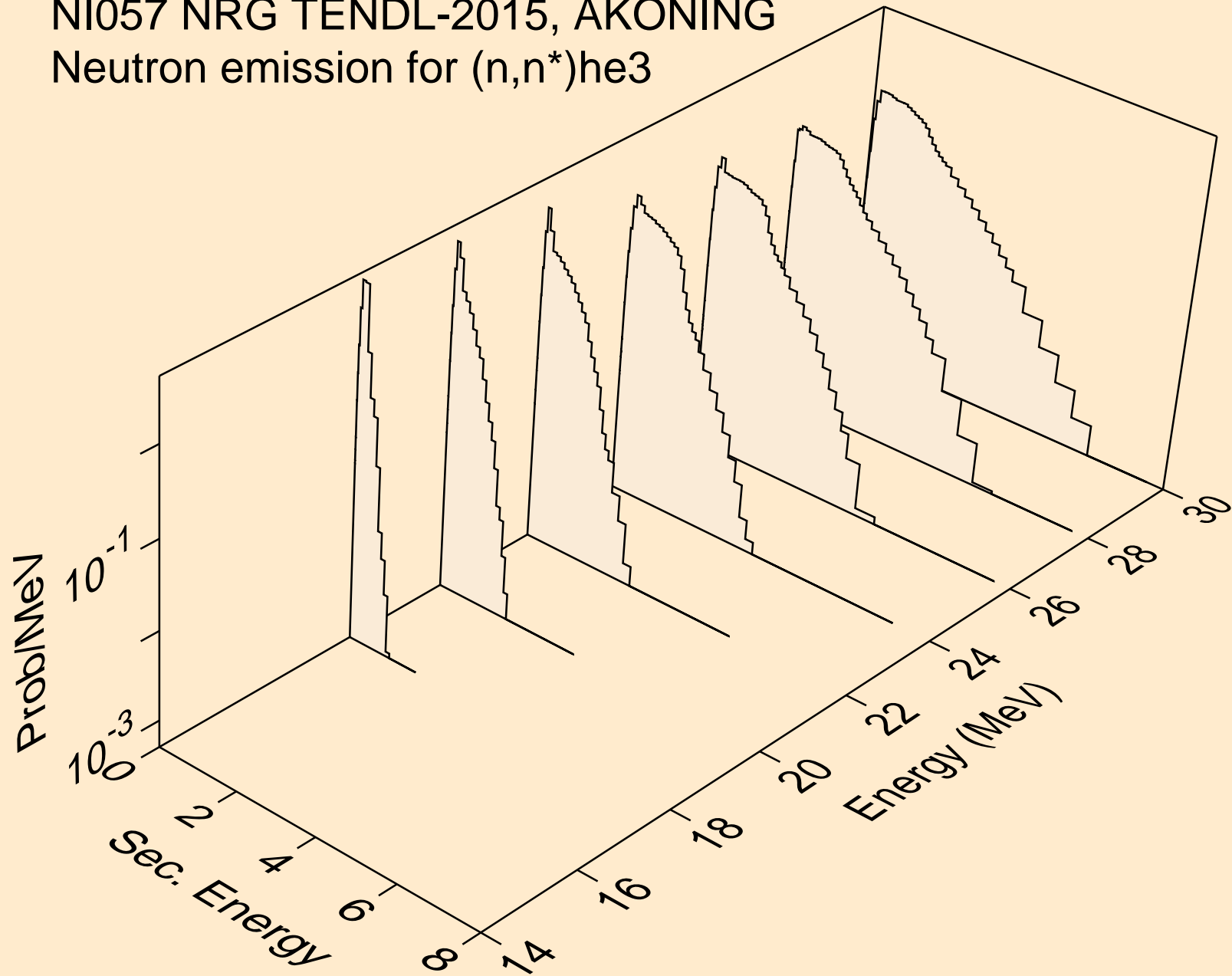
NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



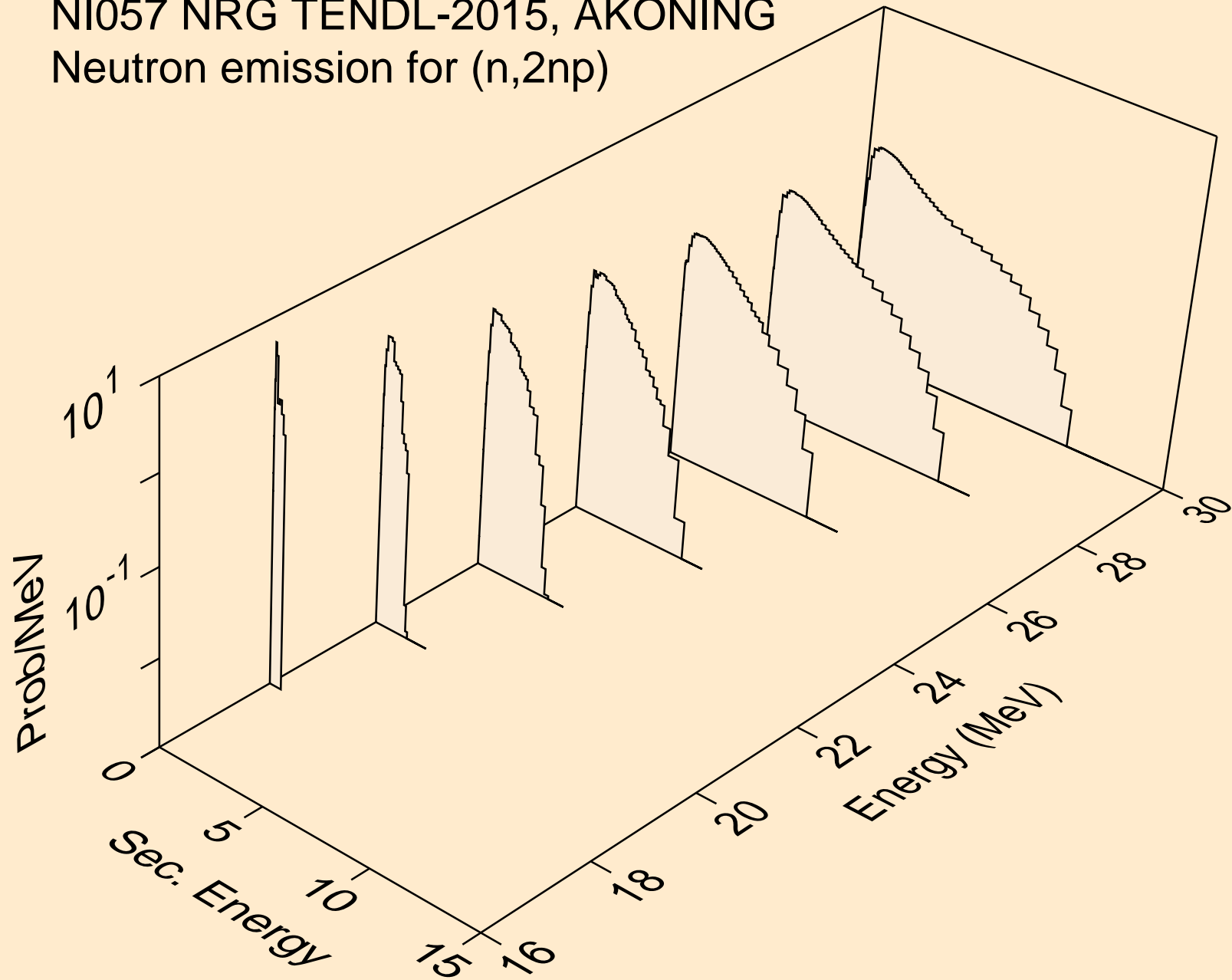
NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



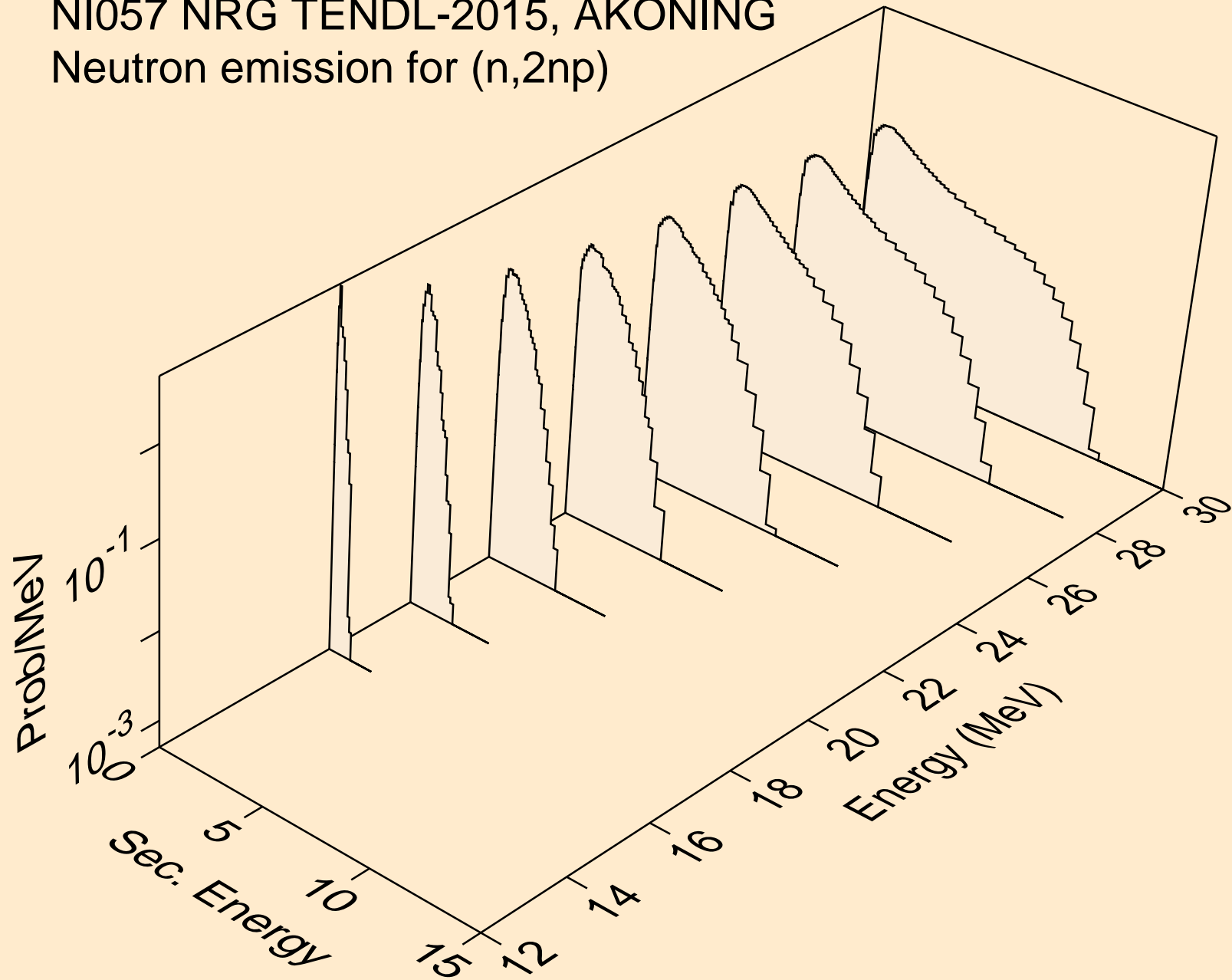
NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



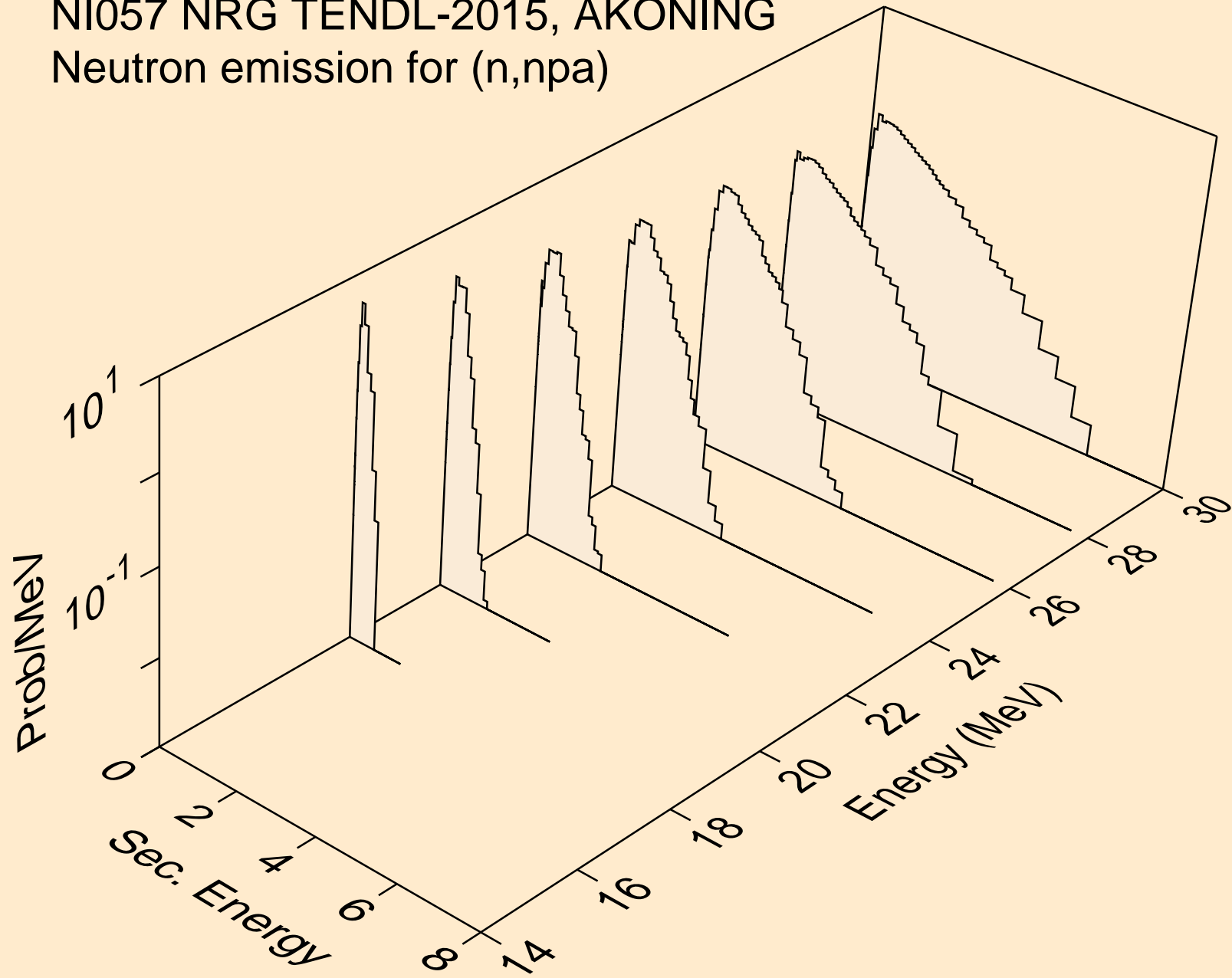
NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



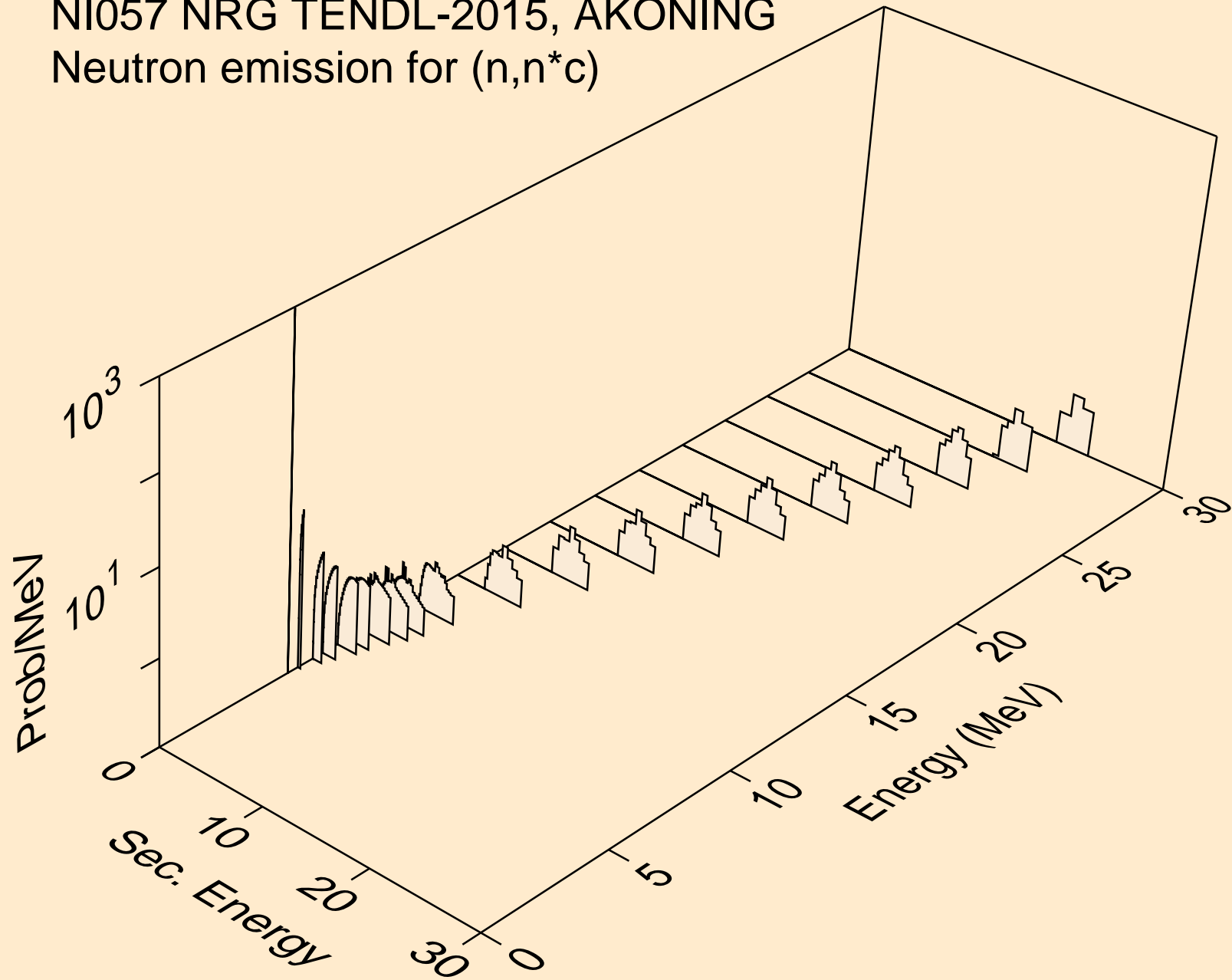
NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



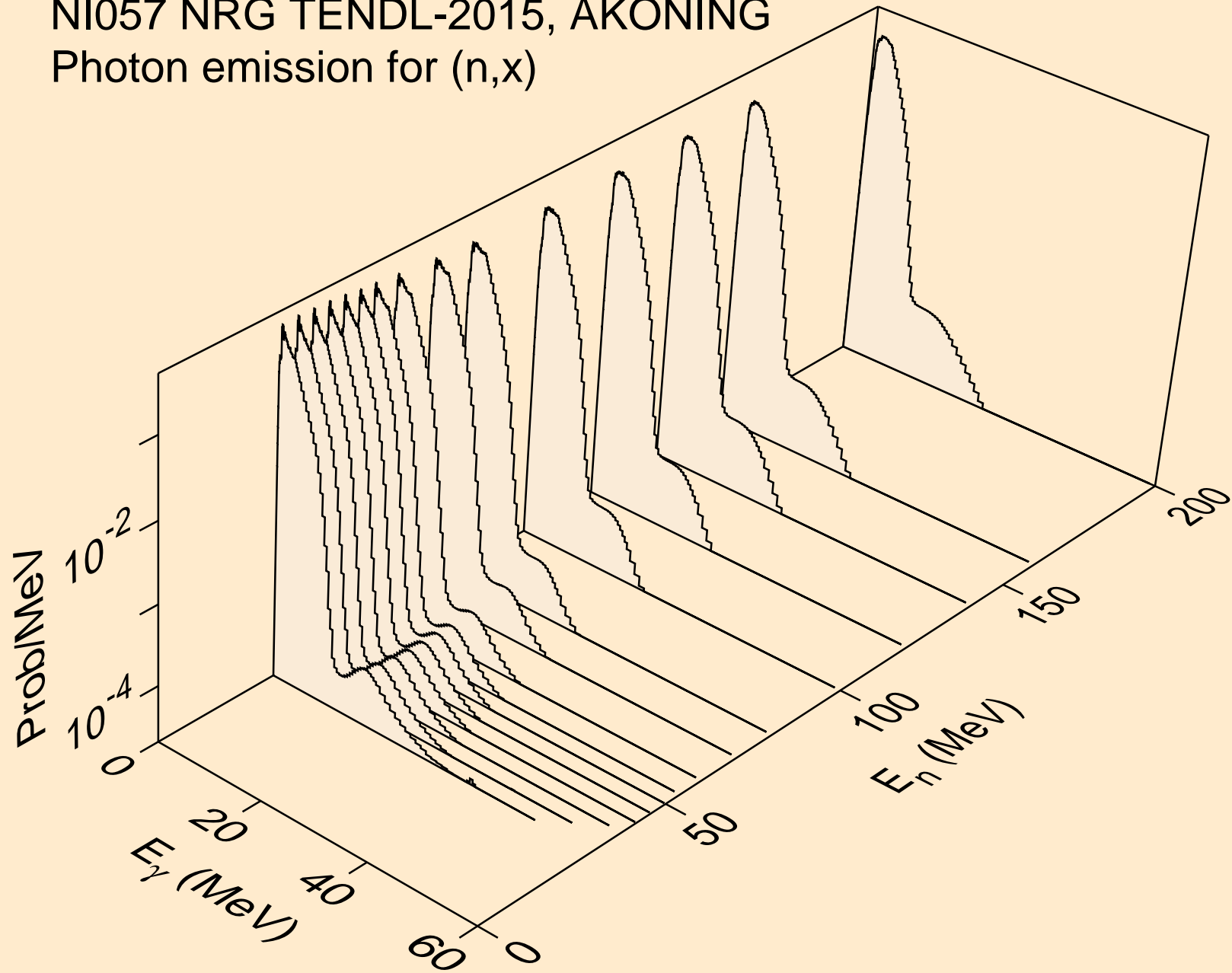
NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



NI057 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

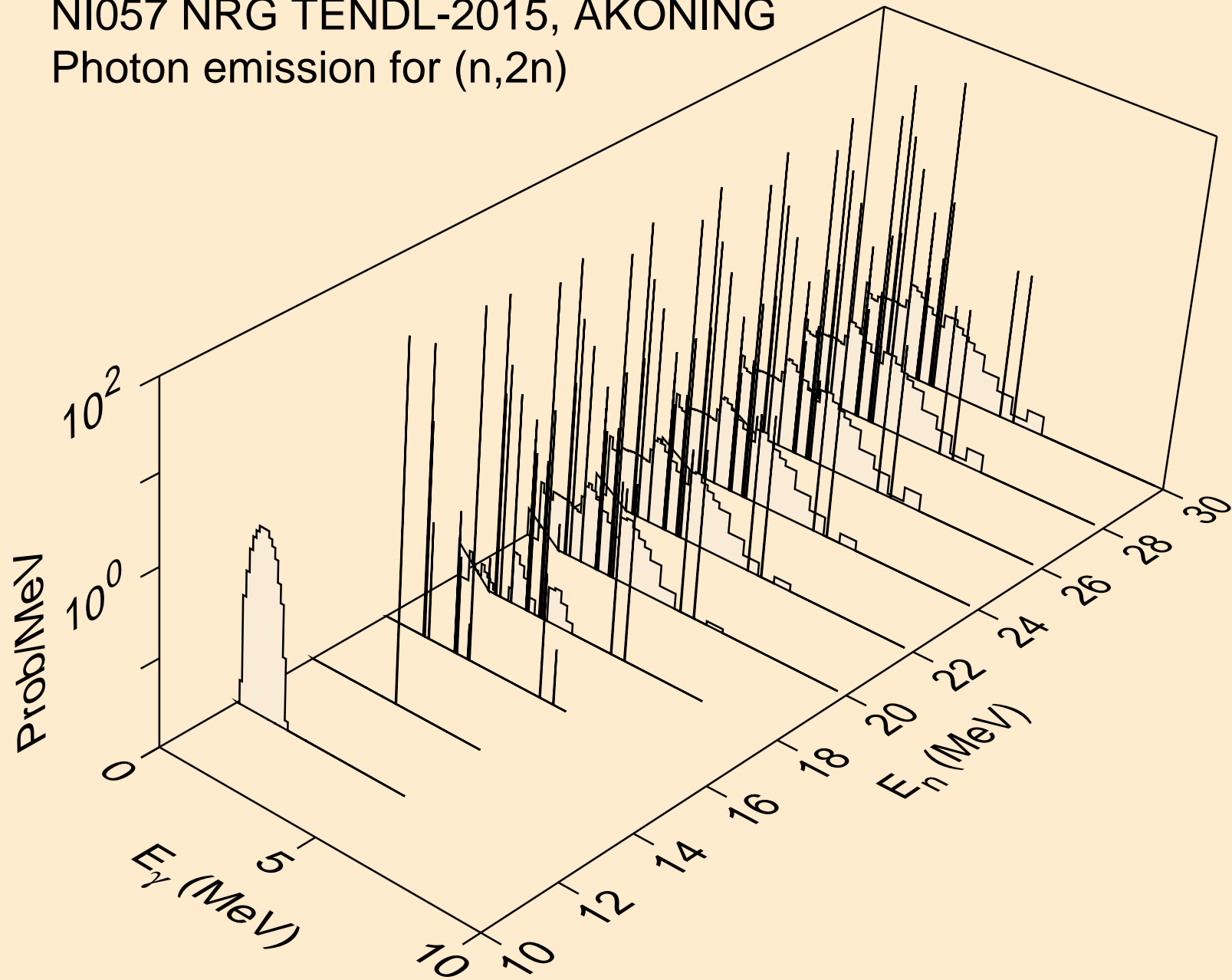


NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,x)

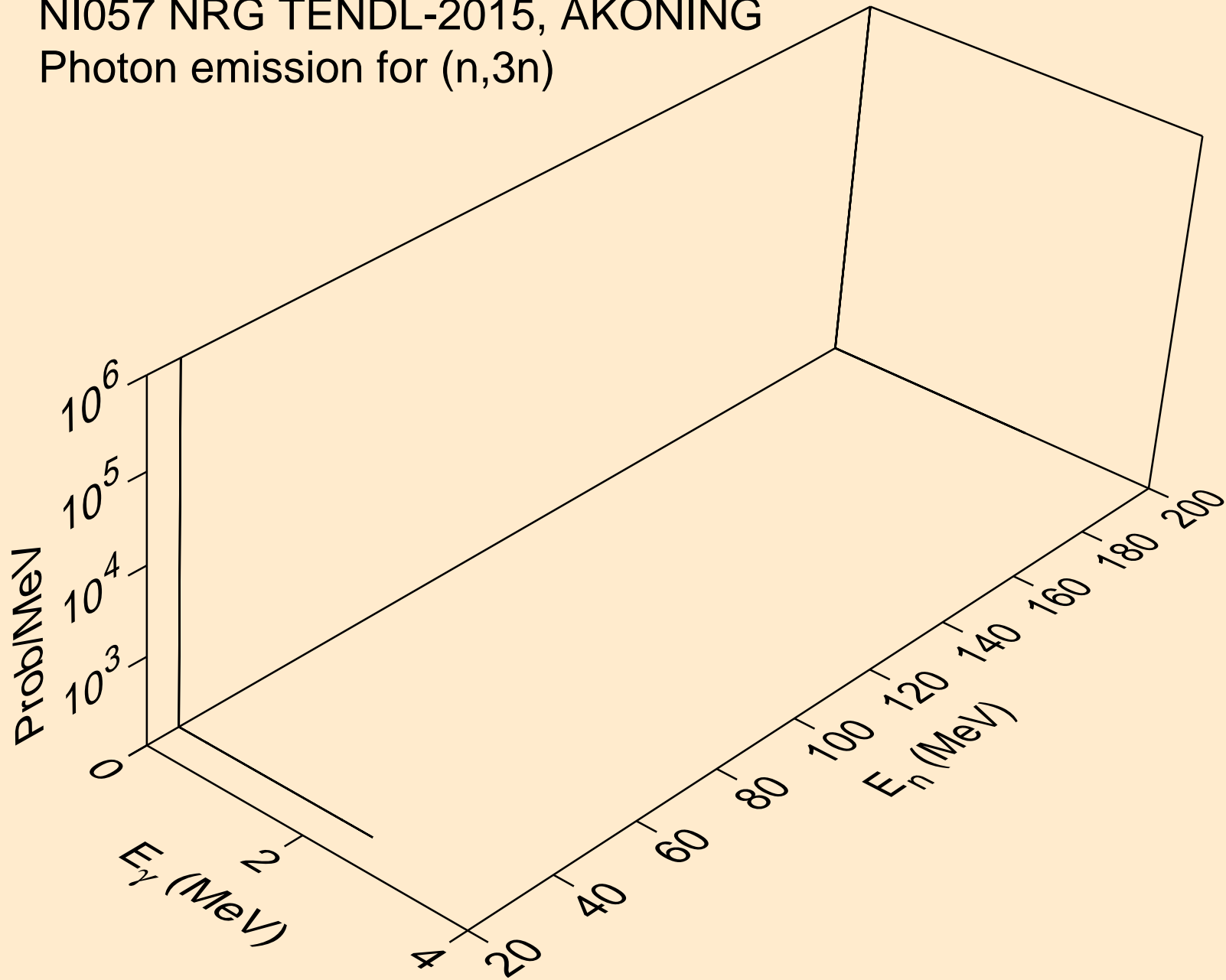




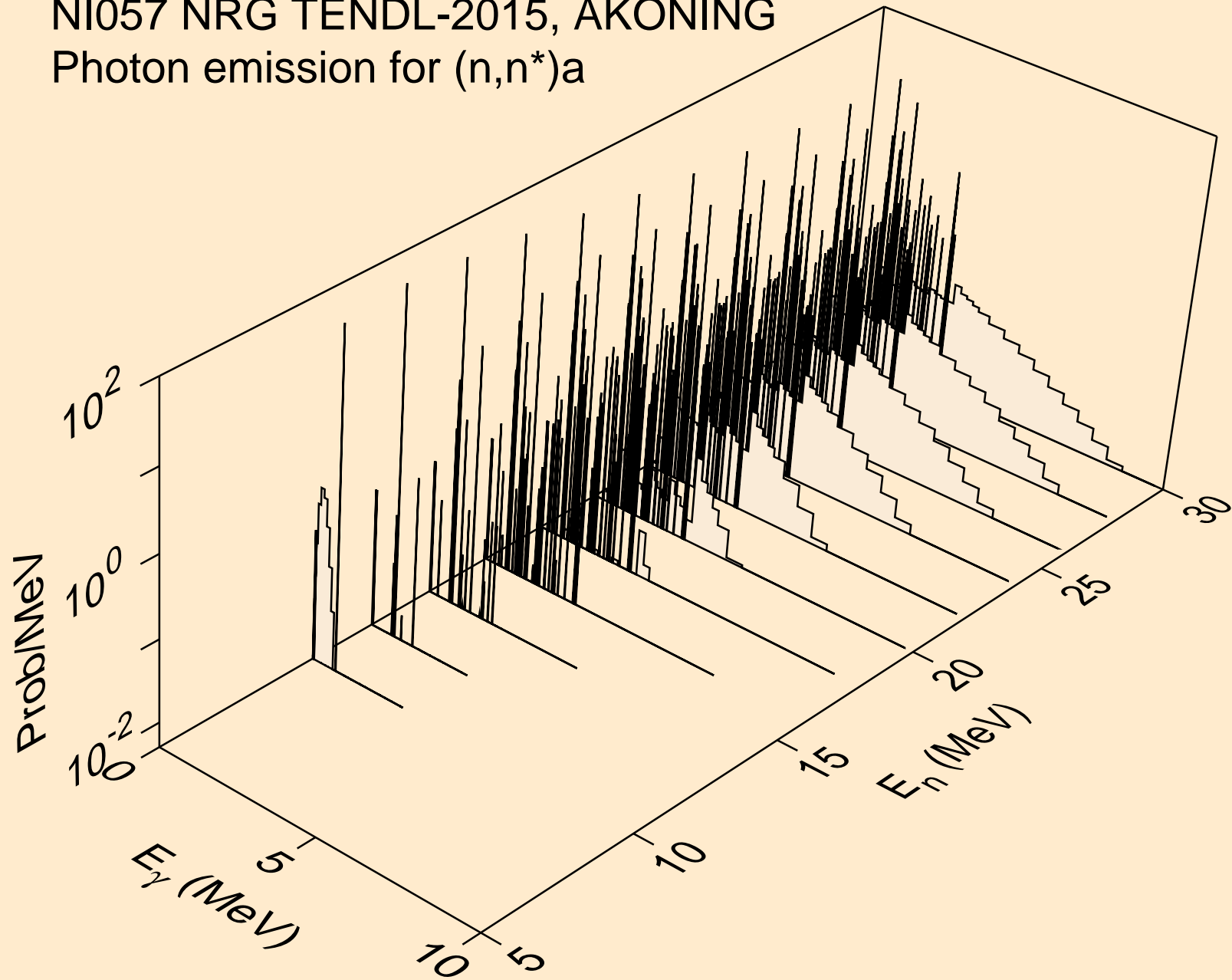
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



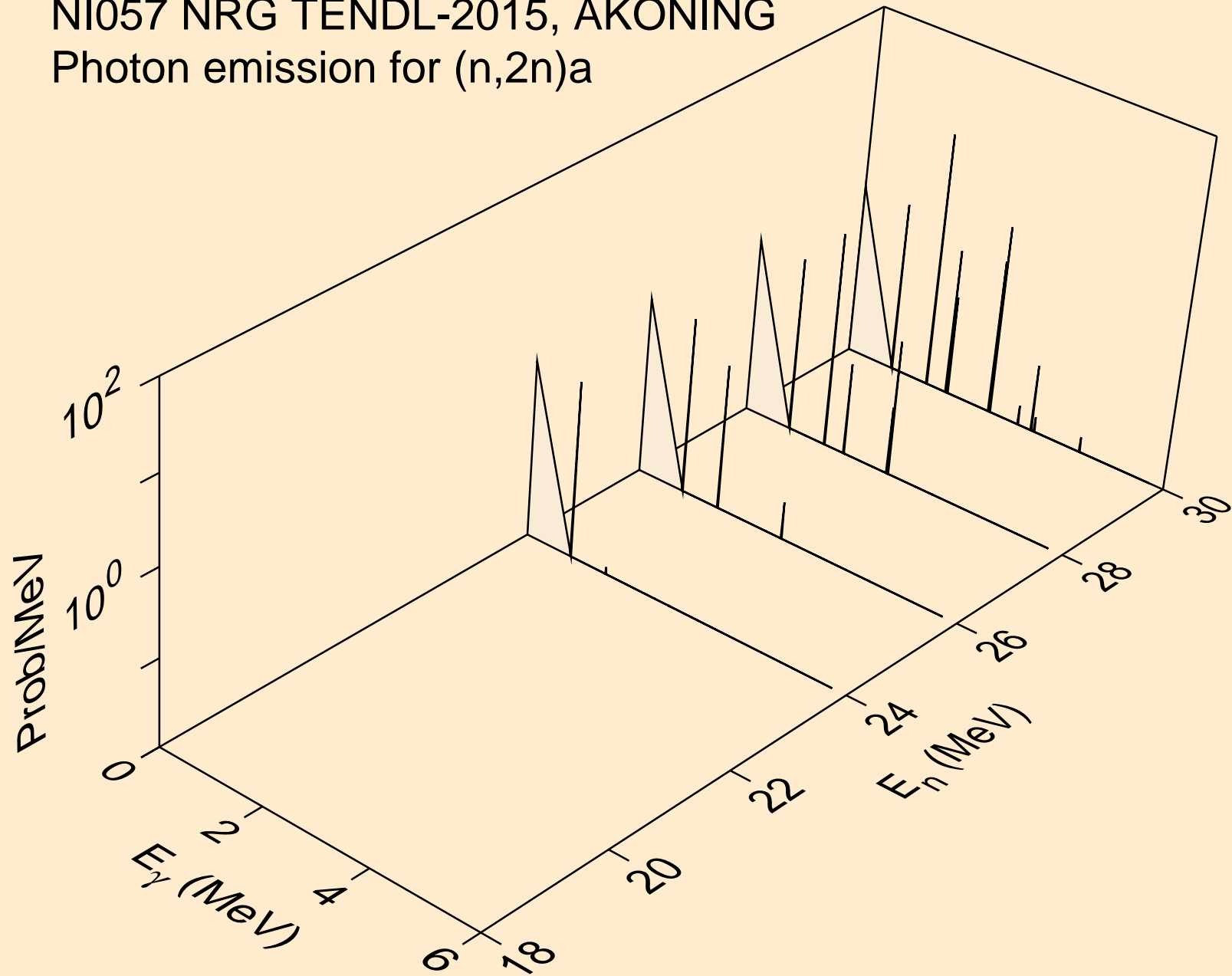
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



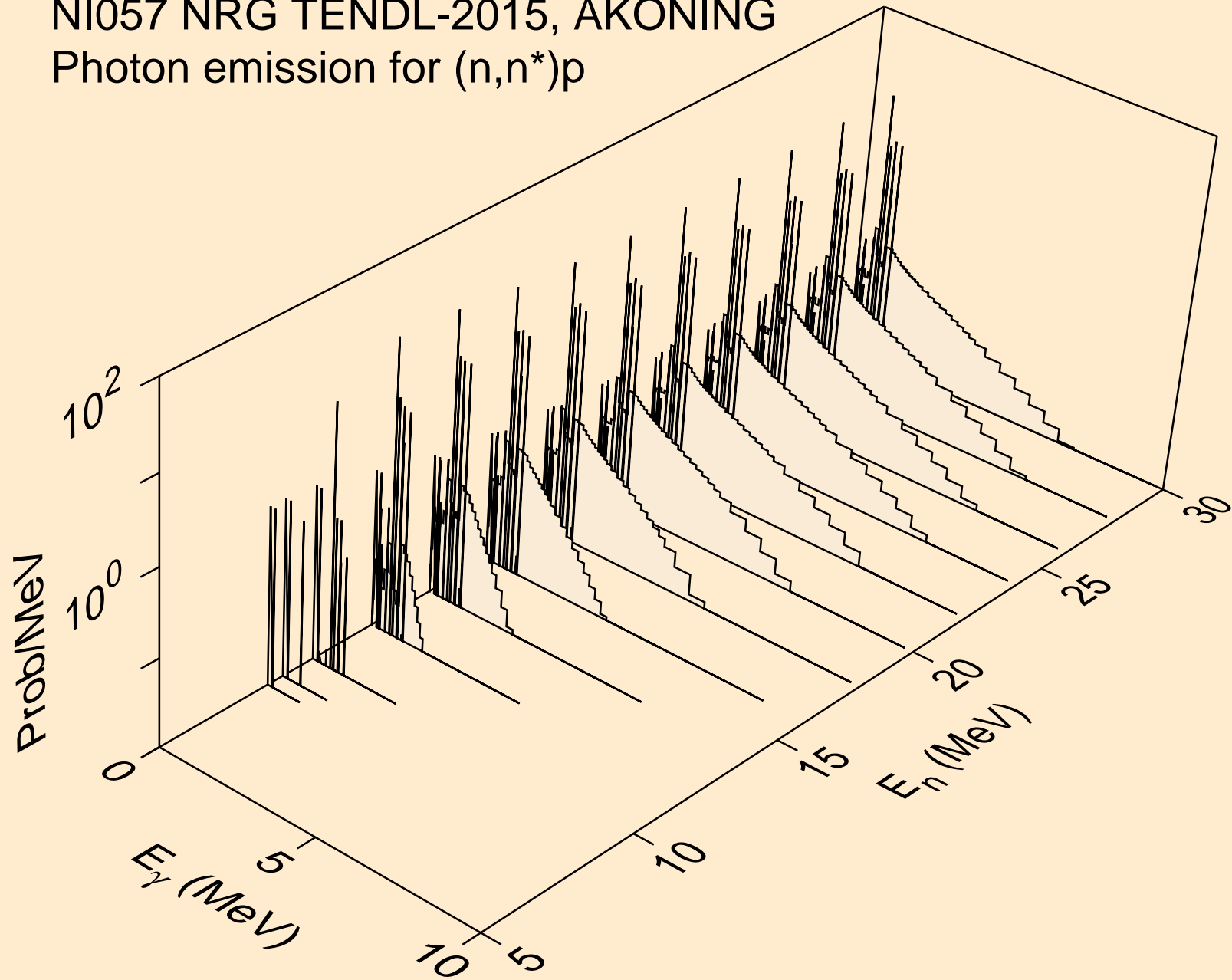
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



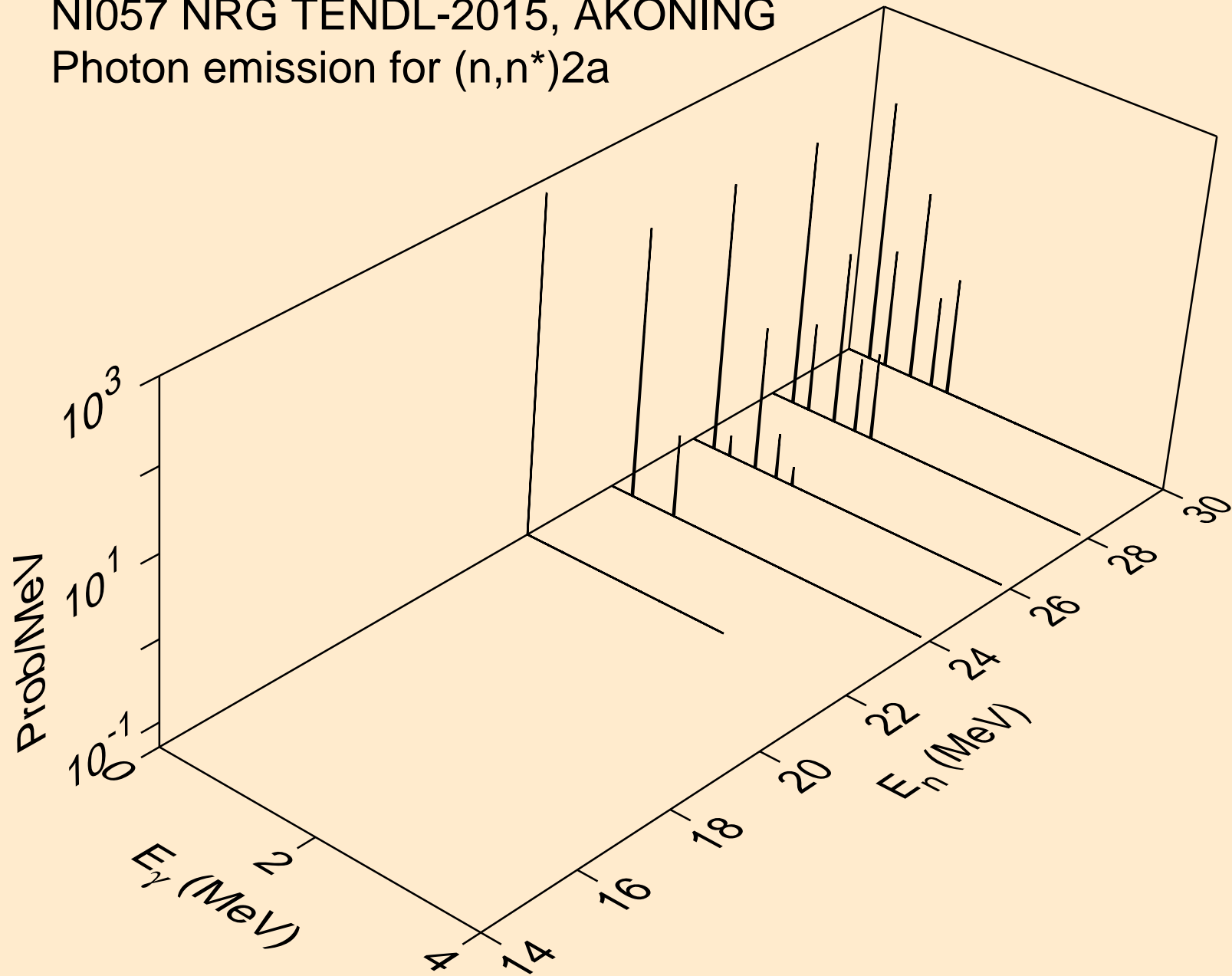
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



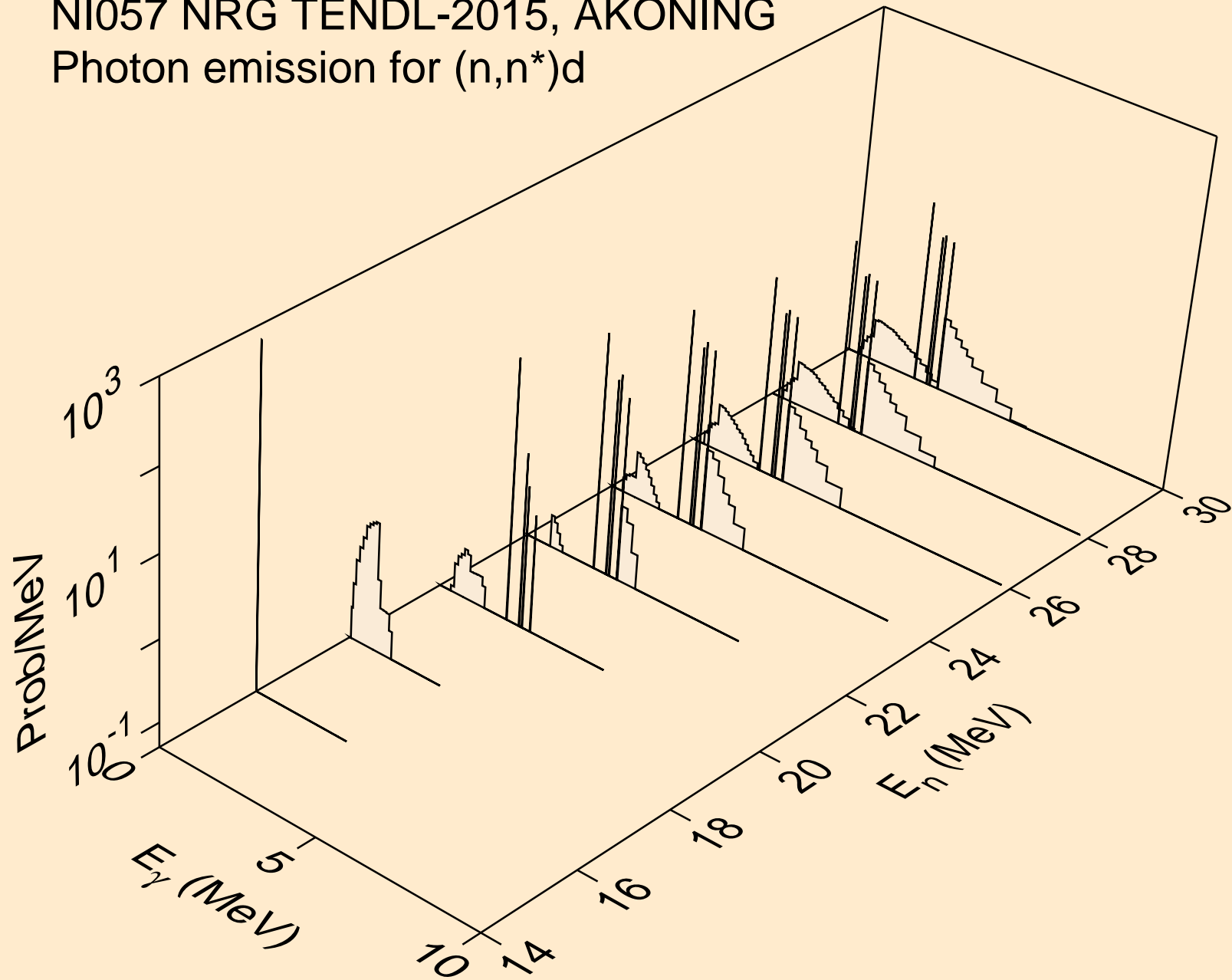
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



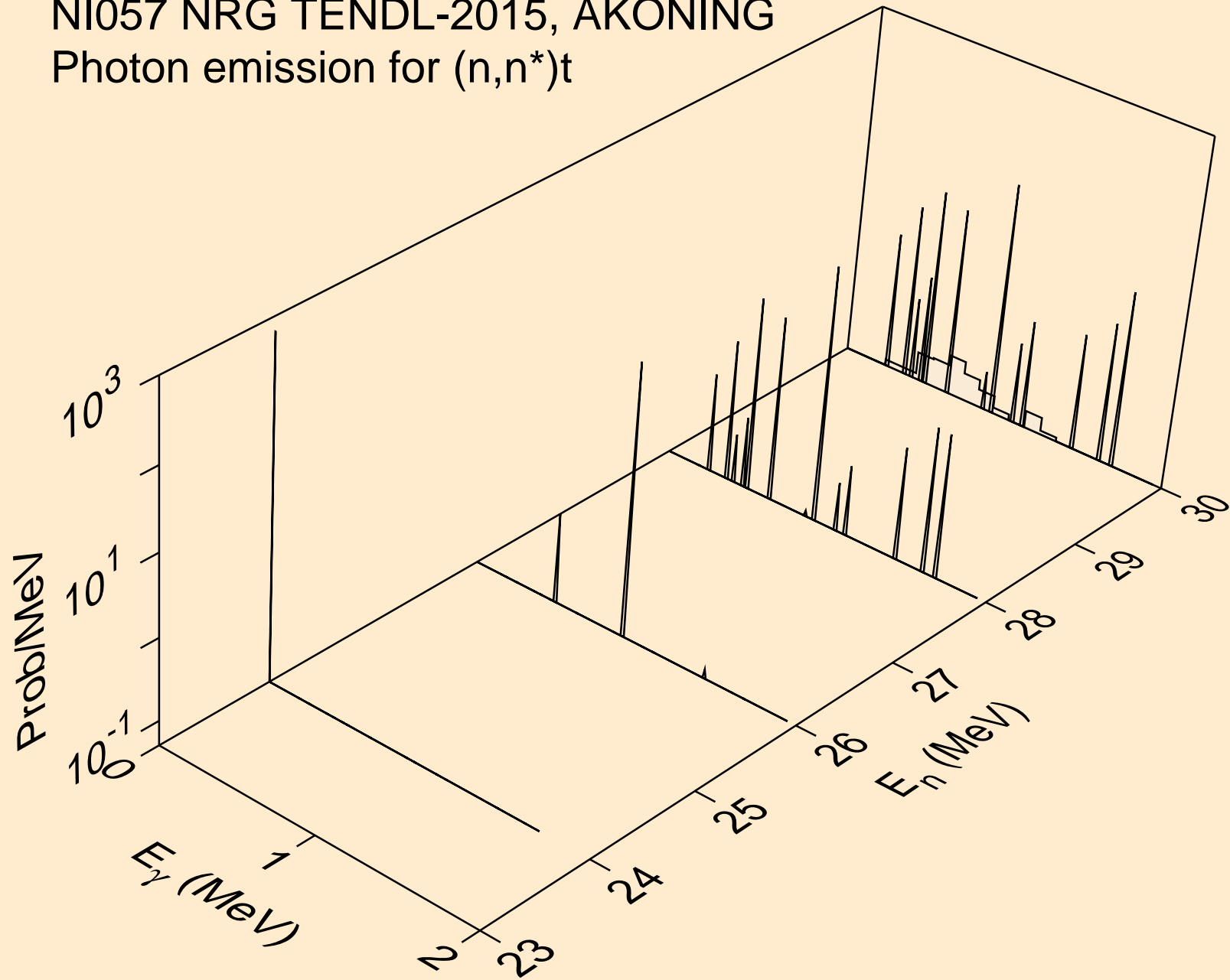
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

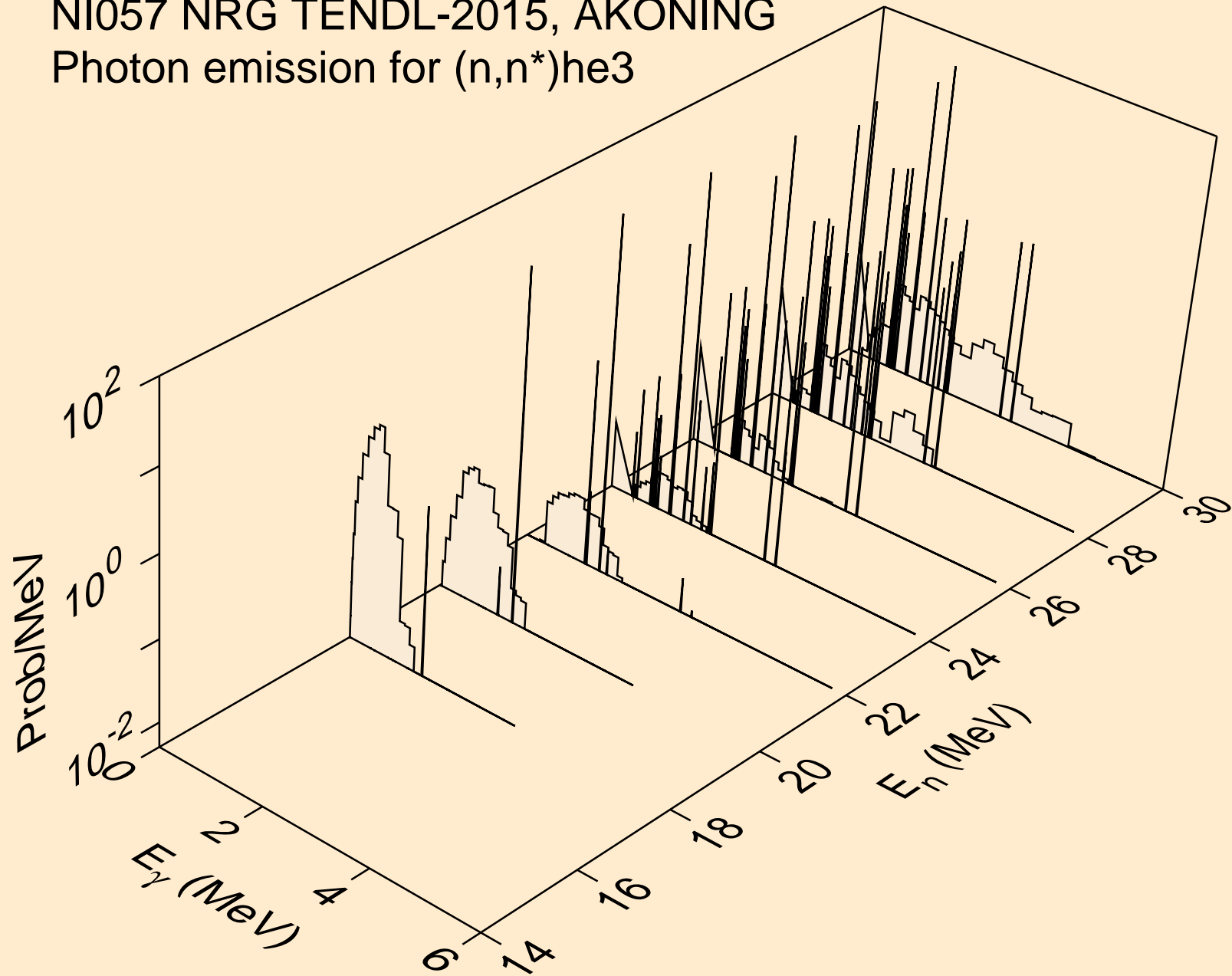


NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

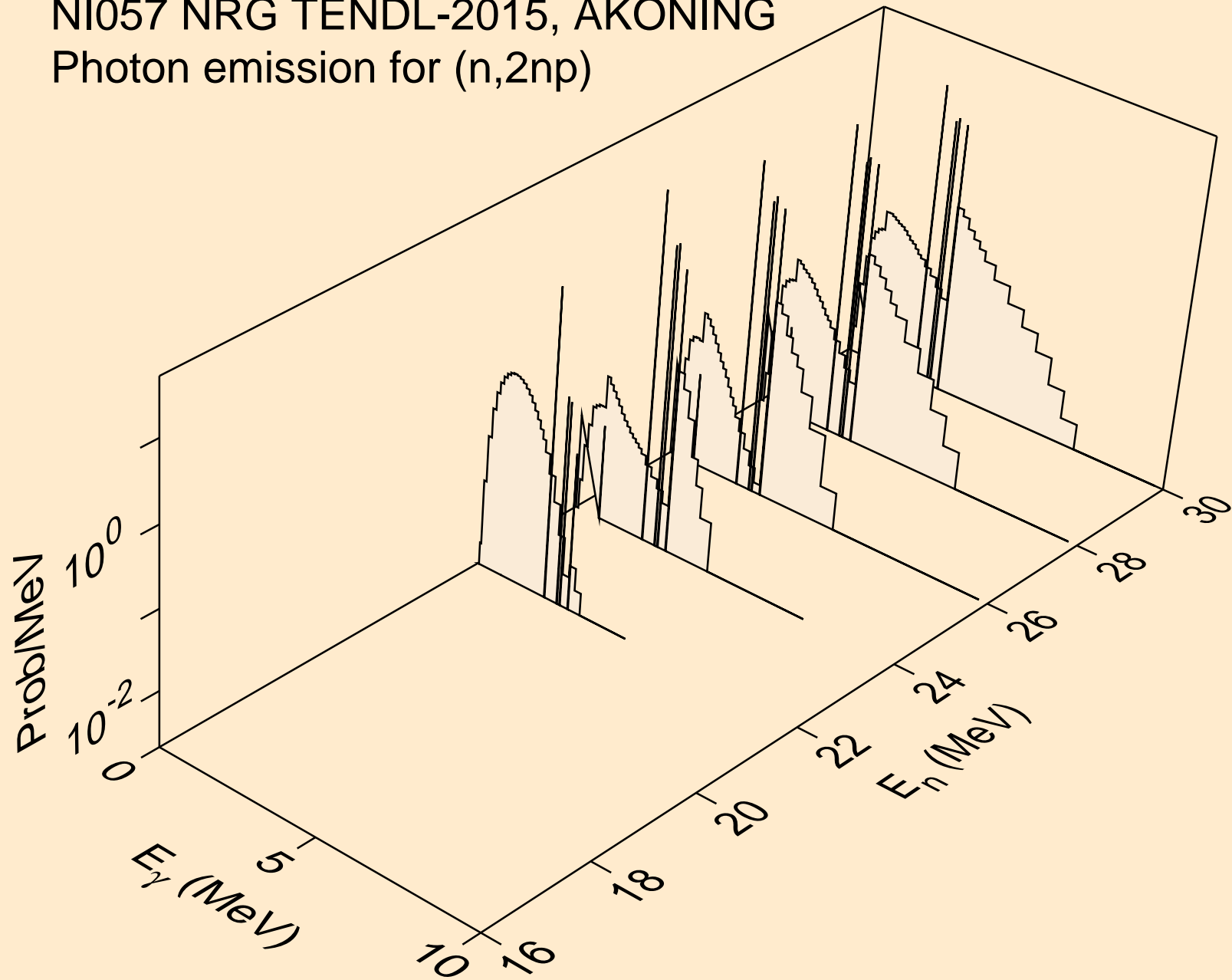




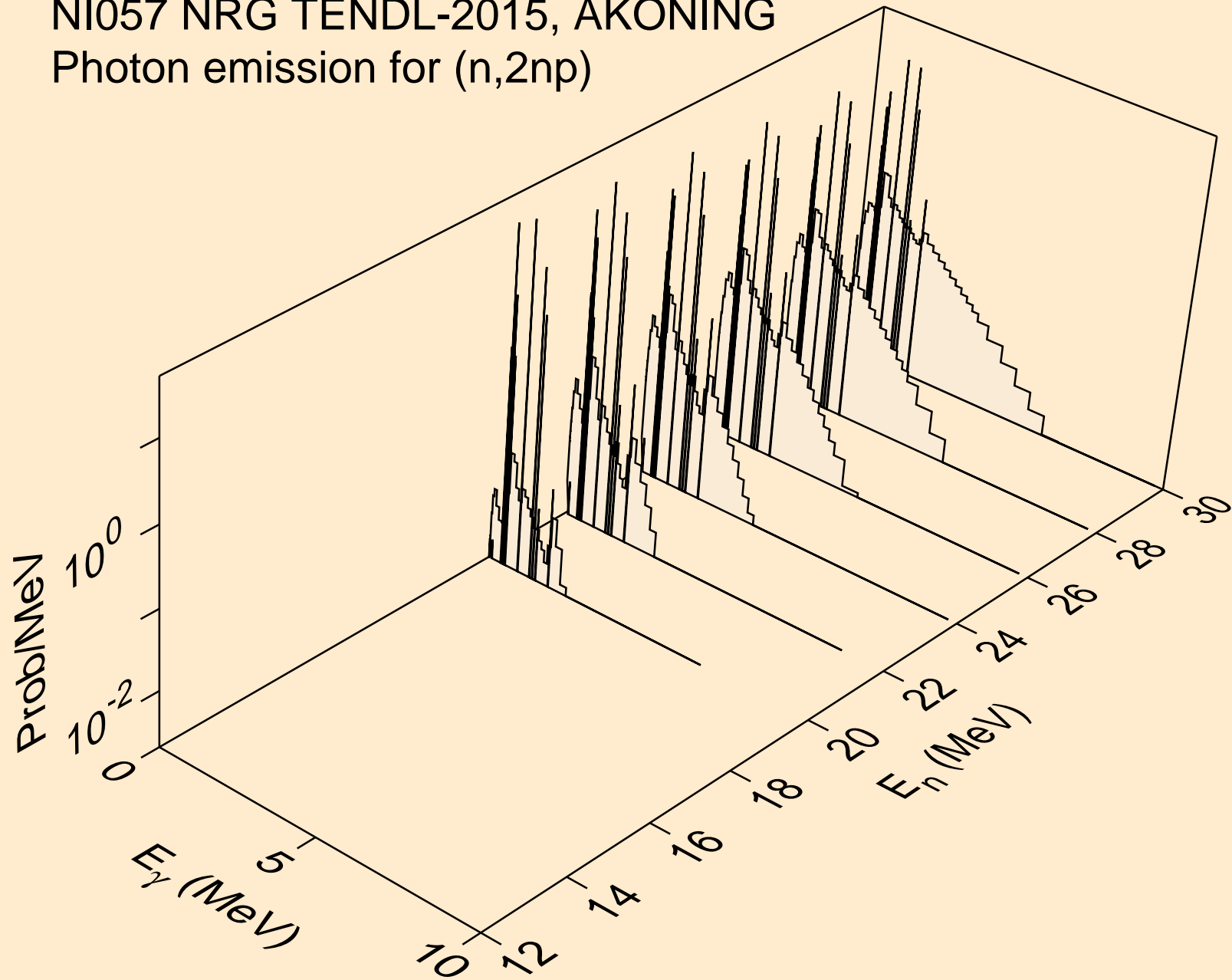
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



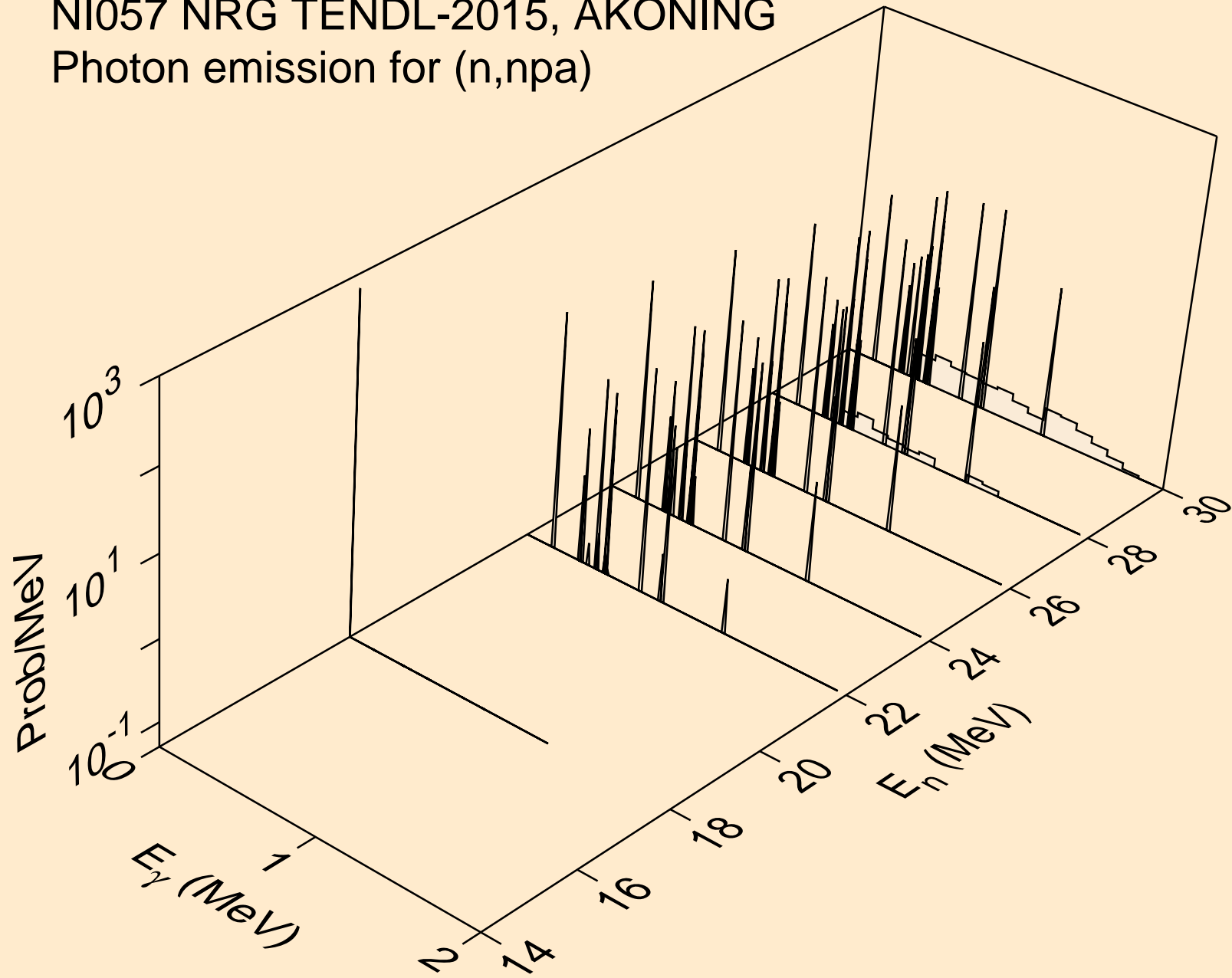
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



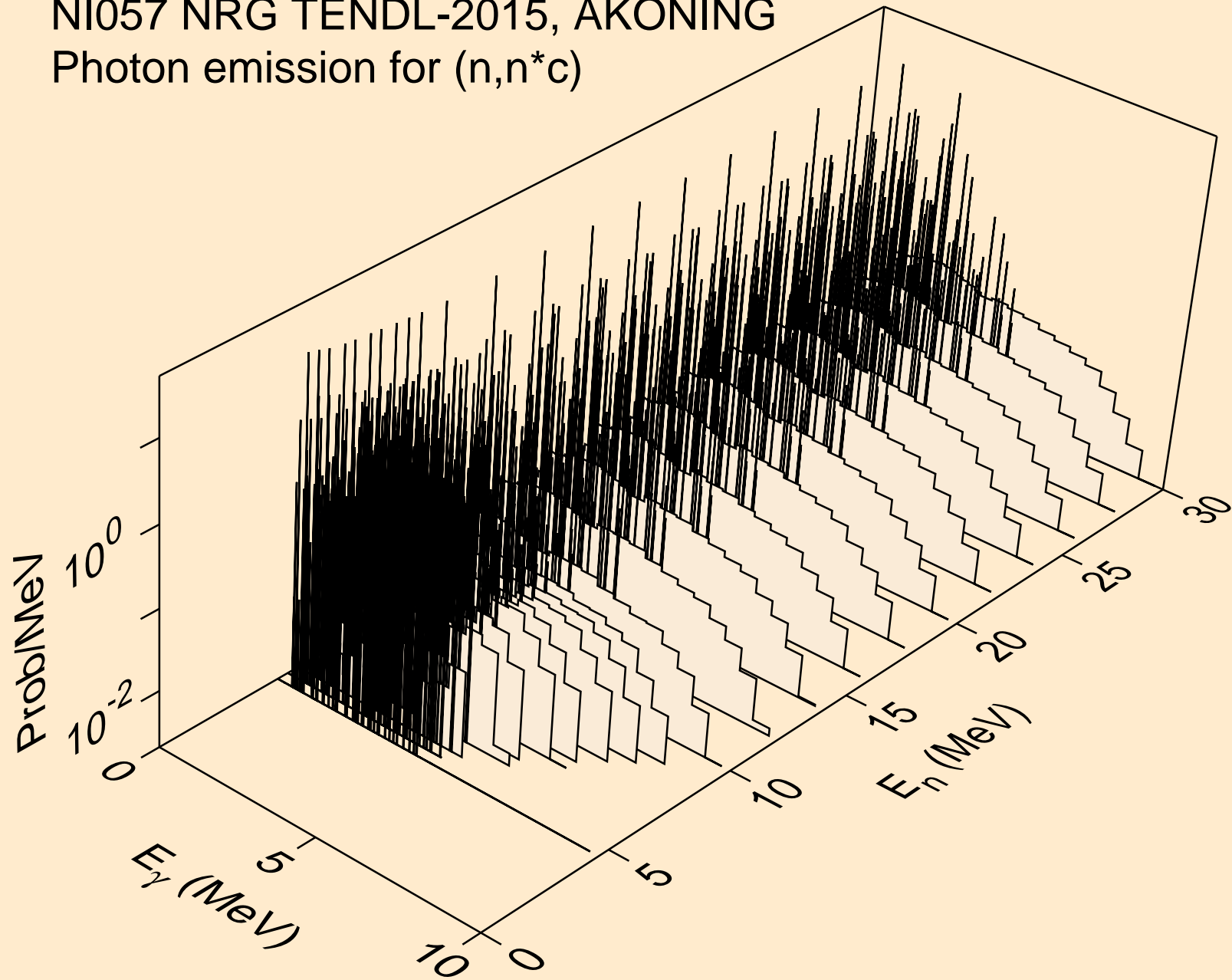
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



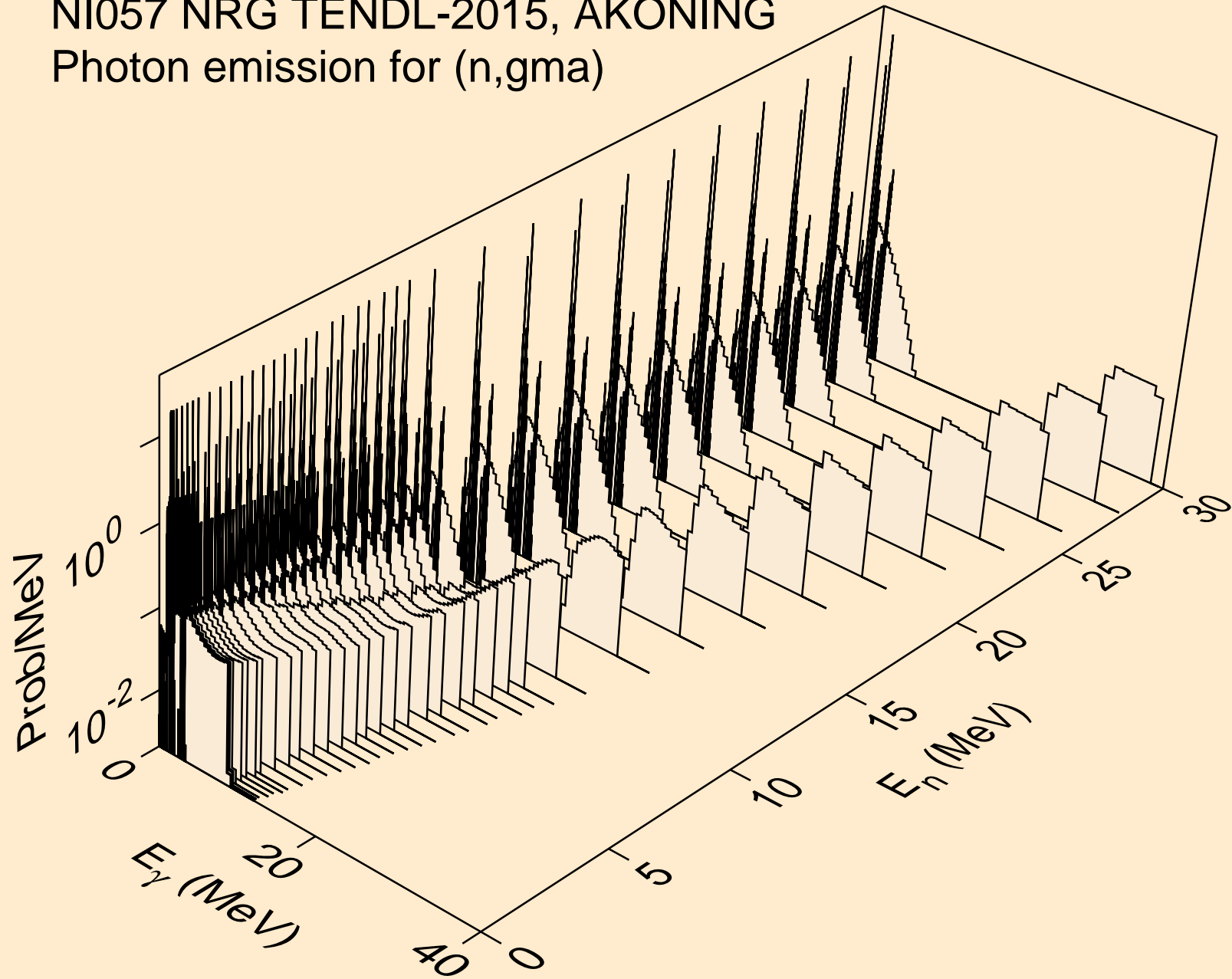
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



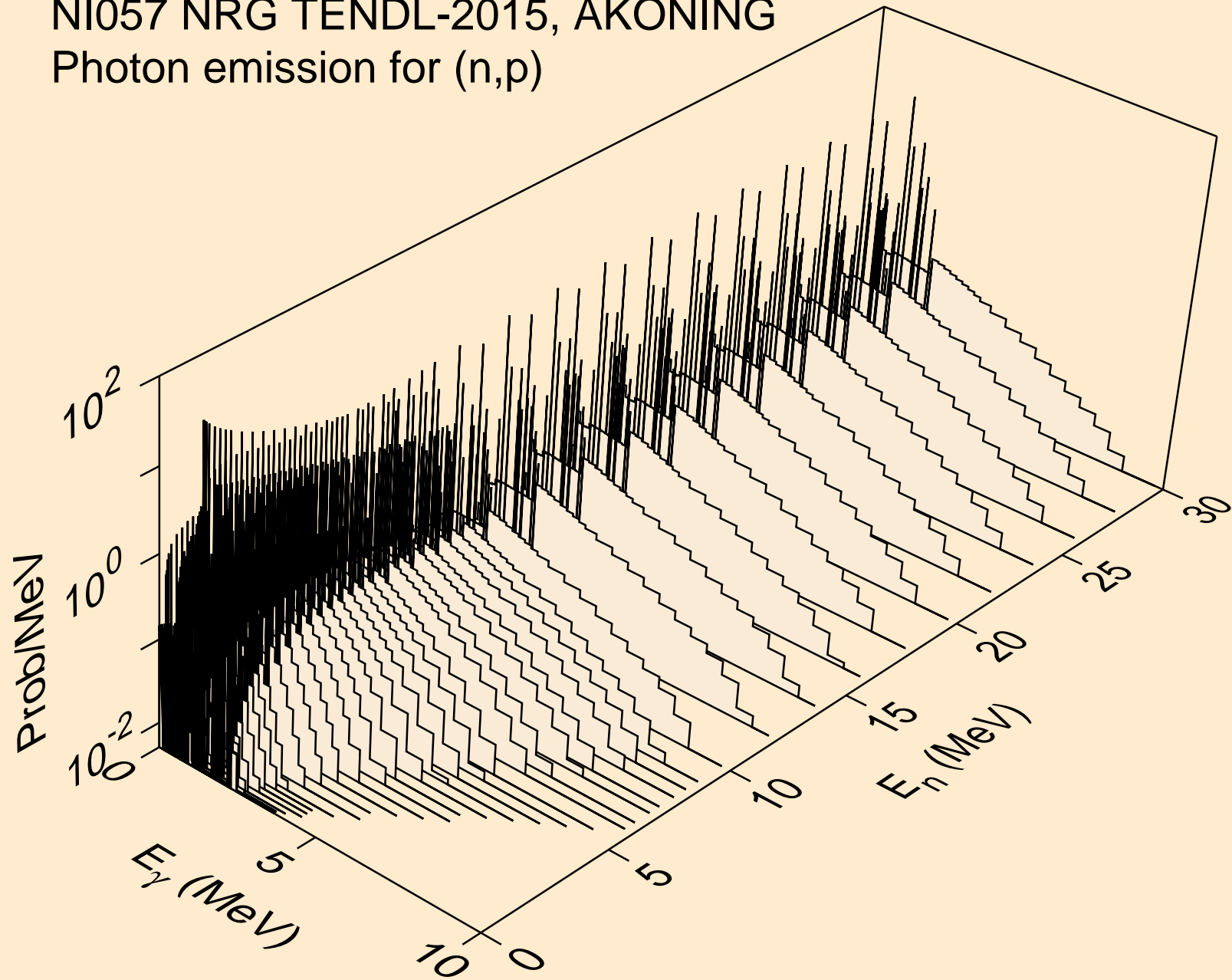
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



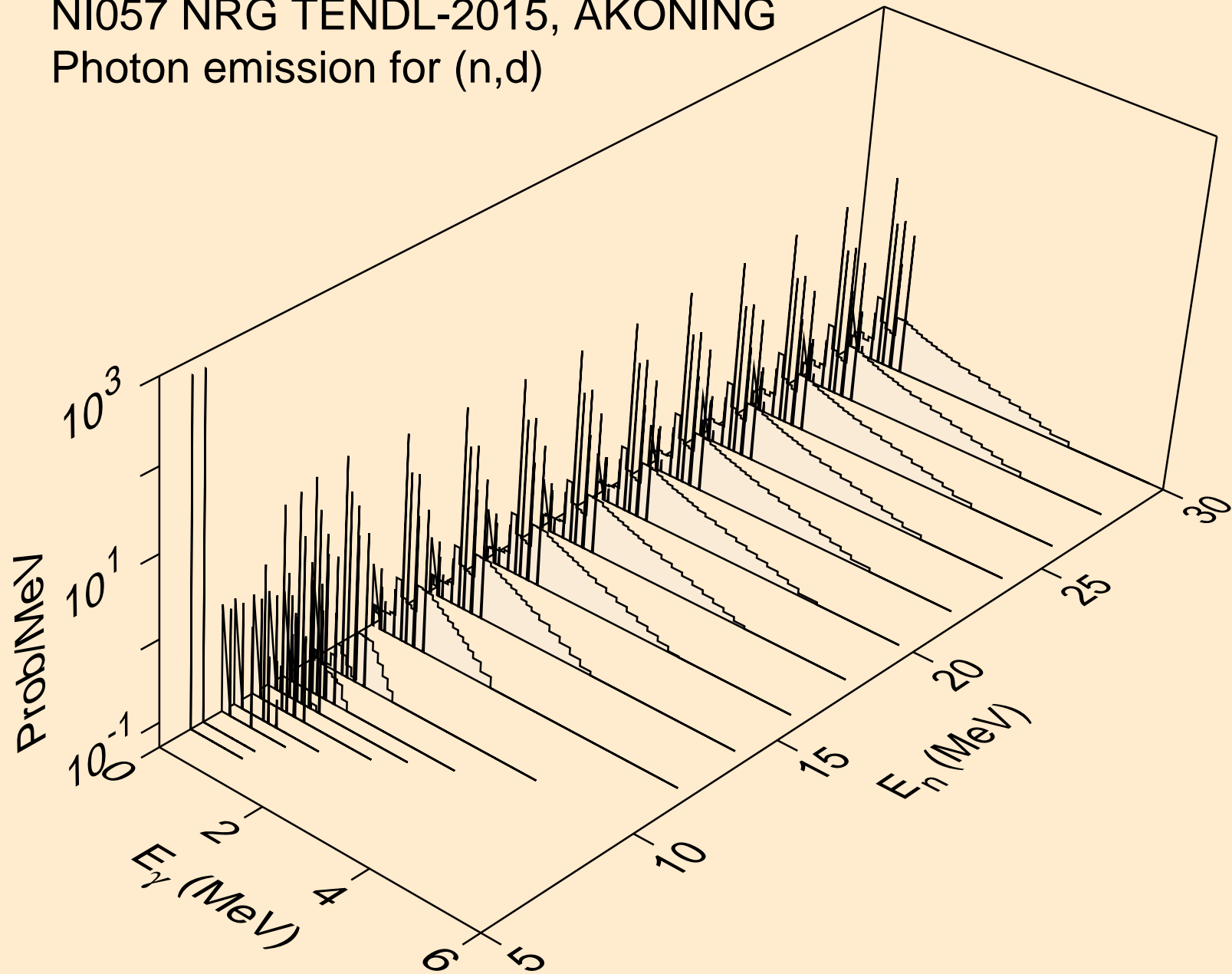
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

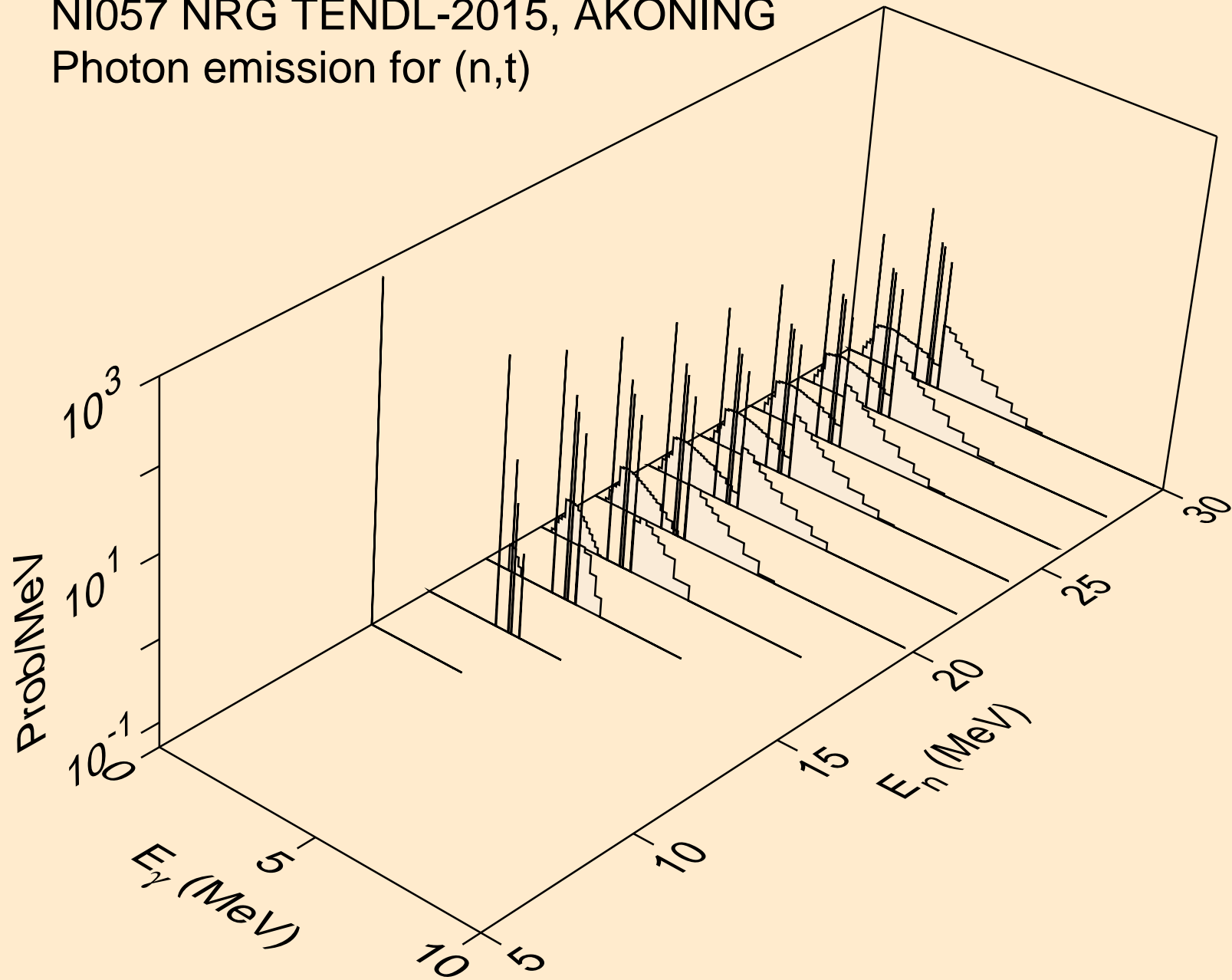


NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

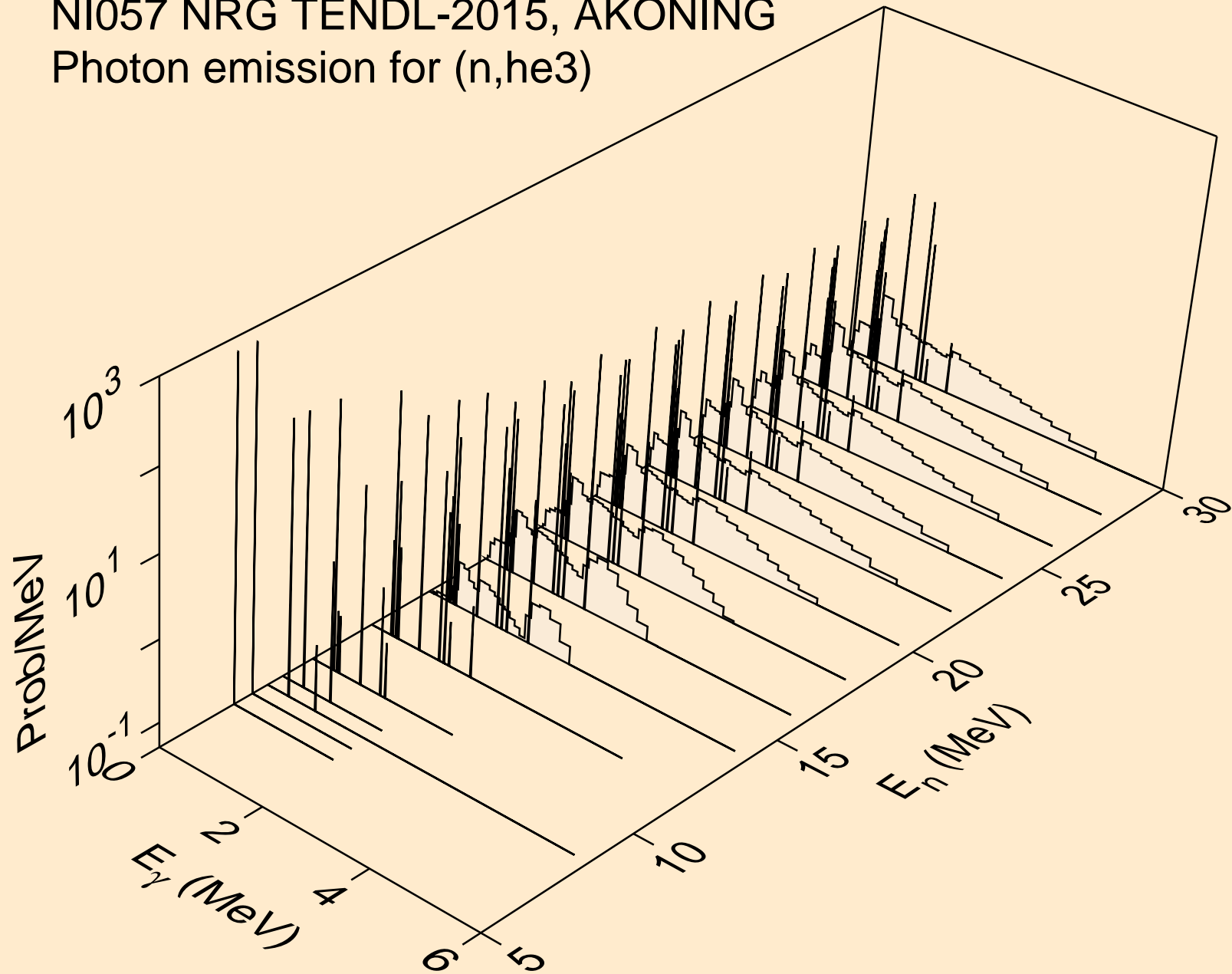




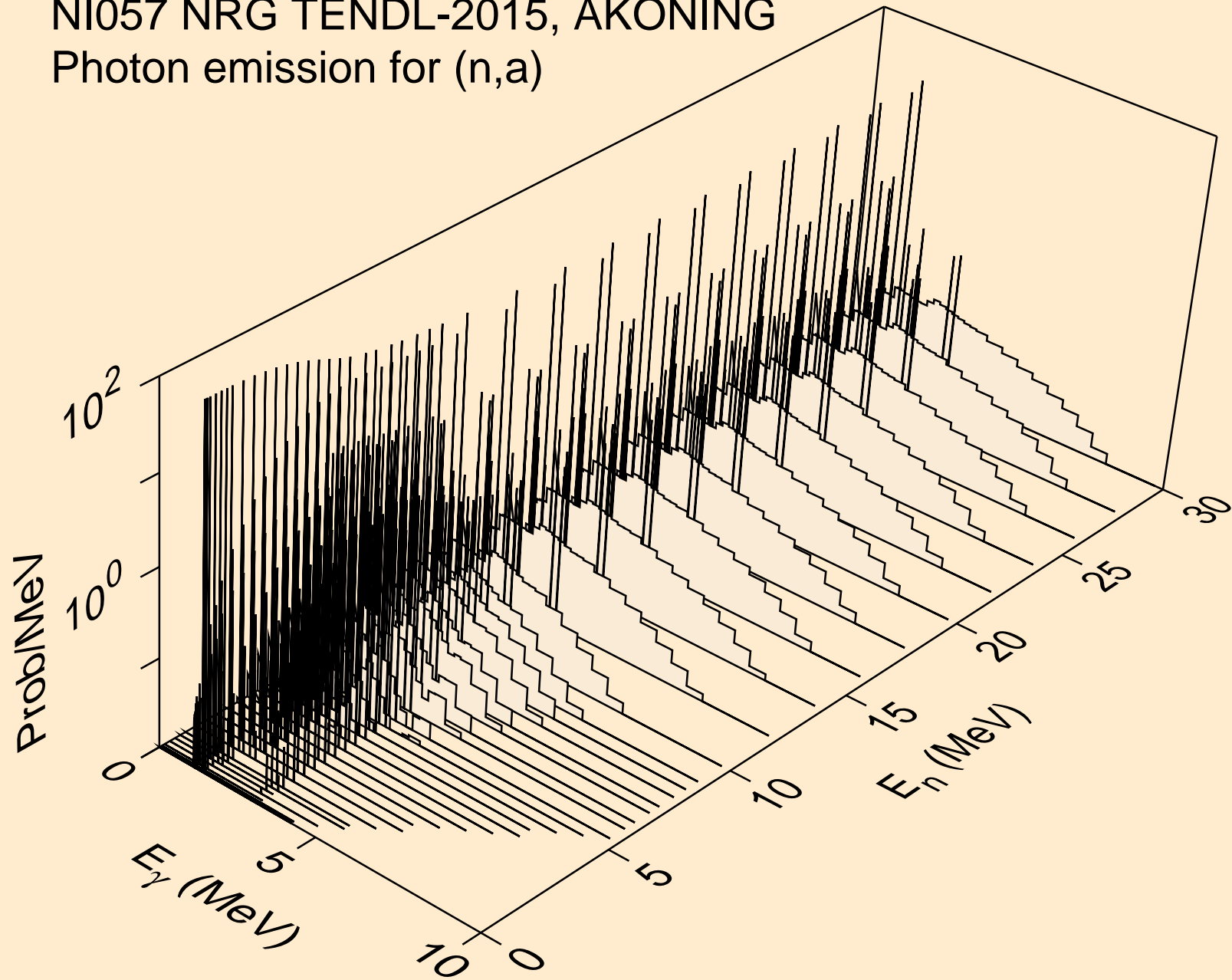
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



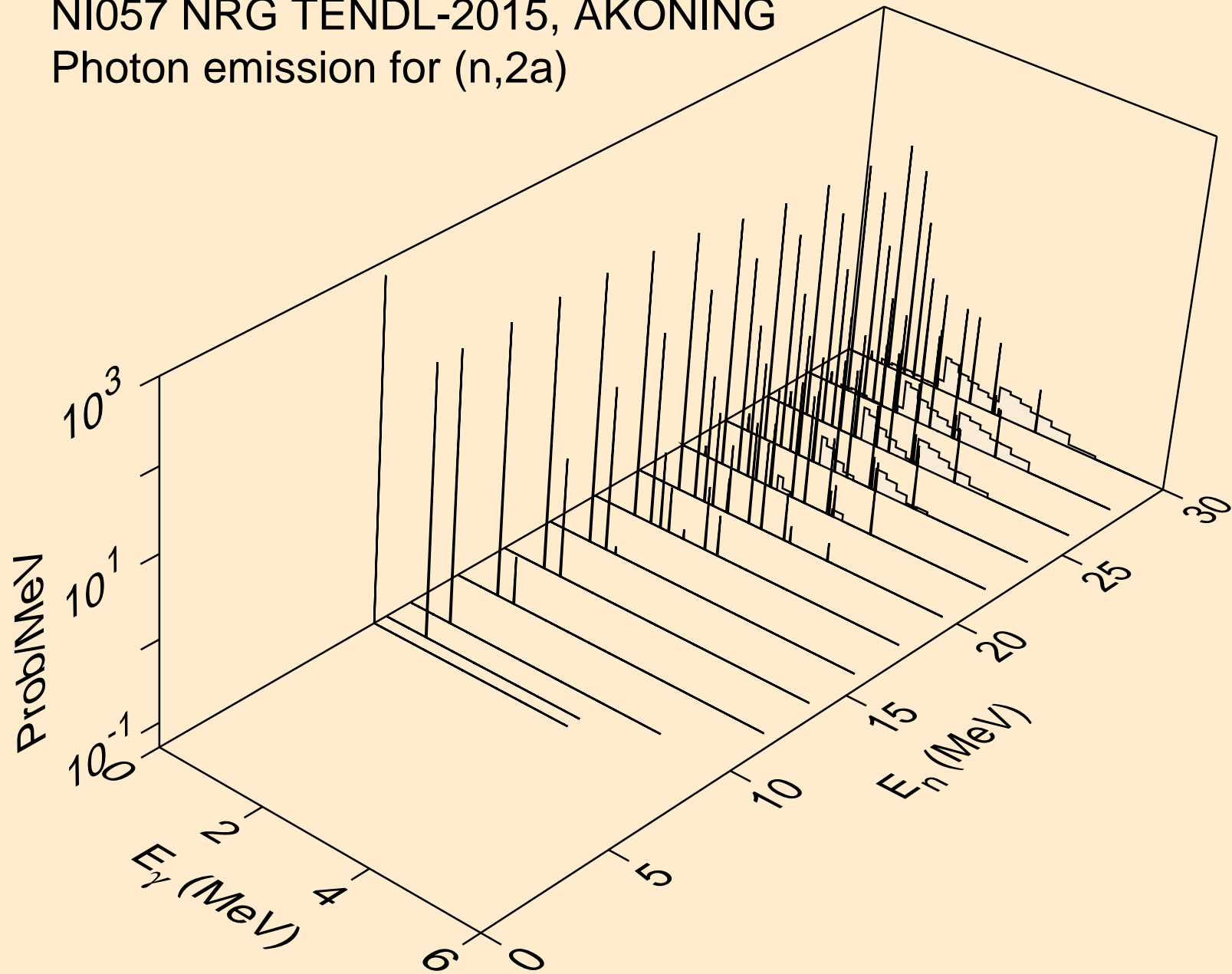
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



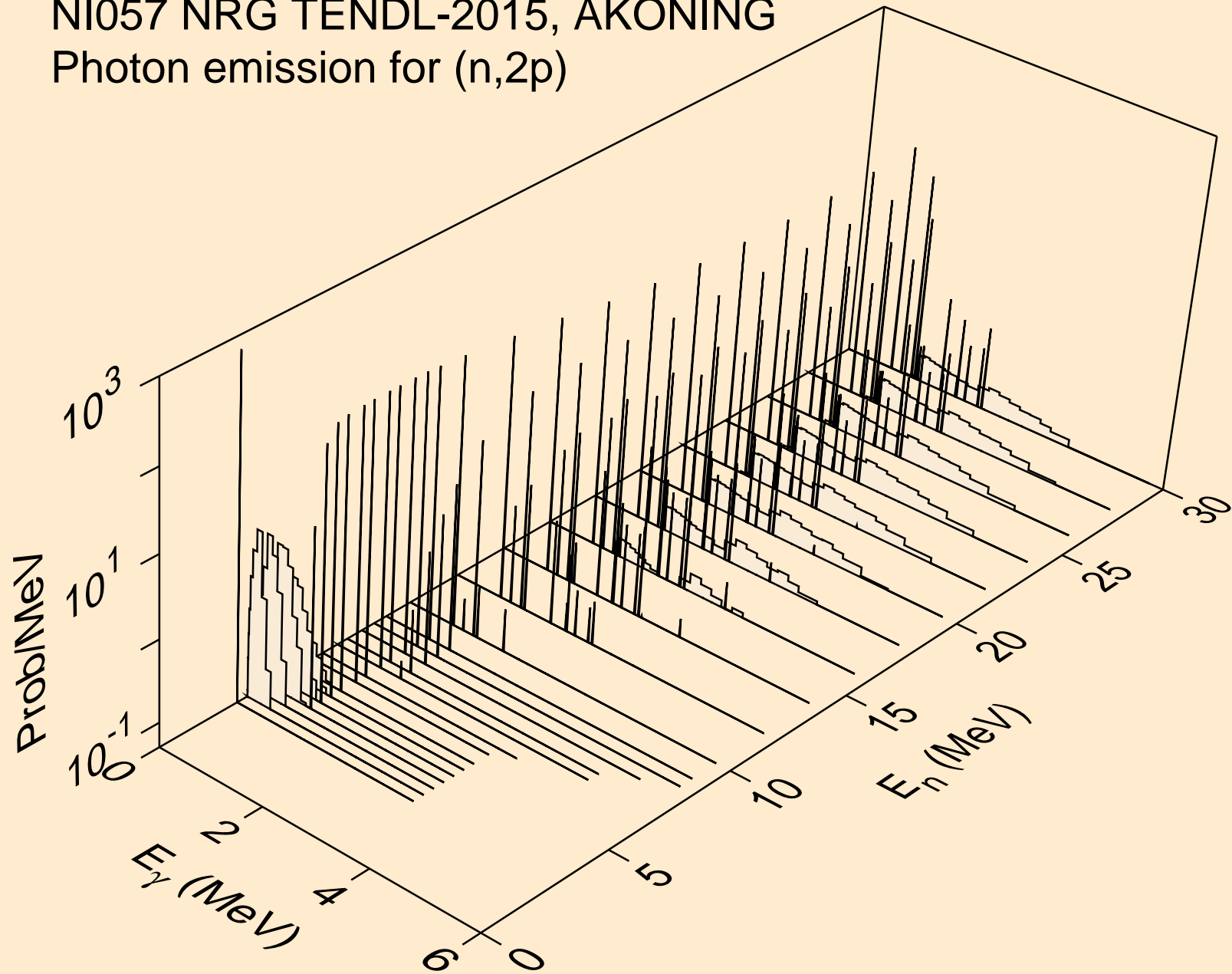
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



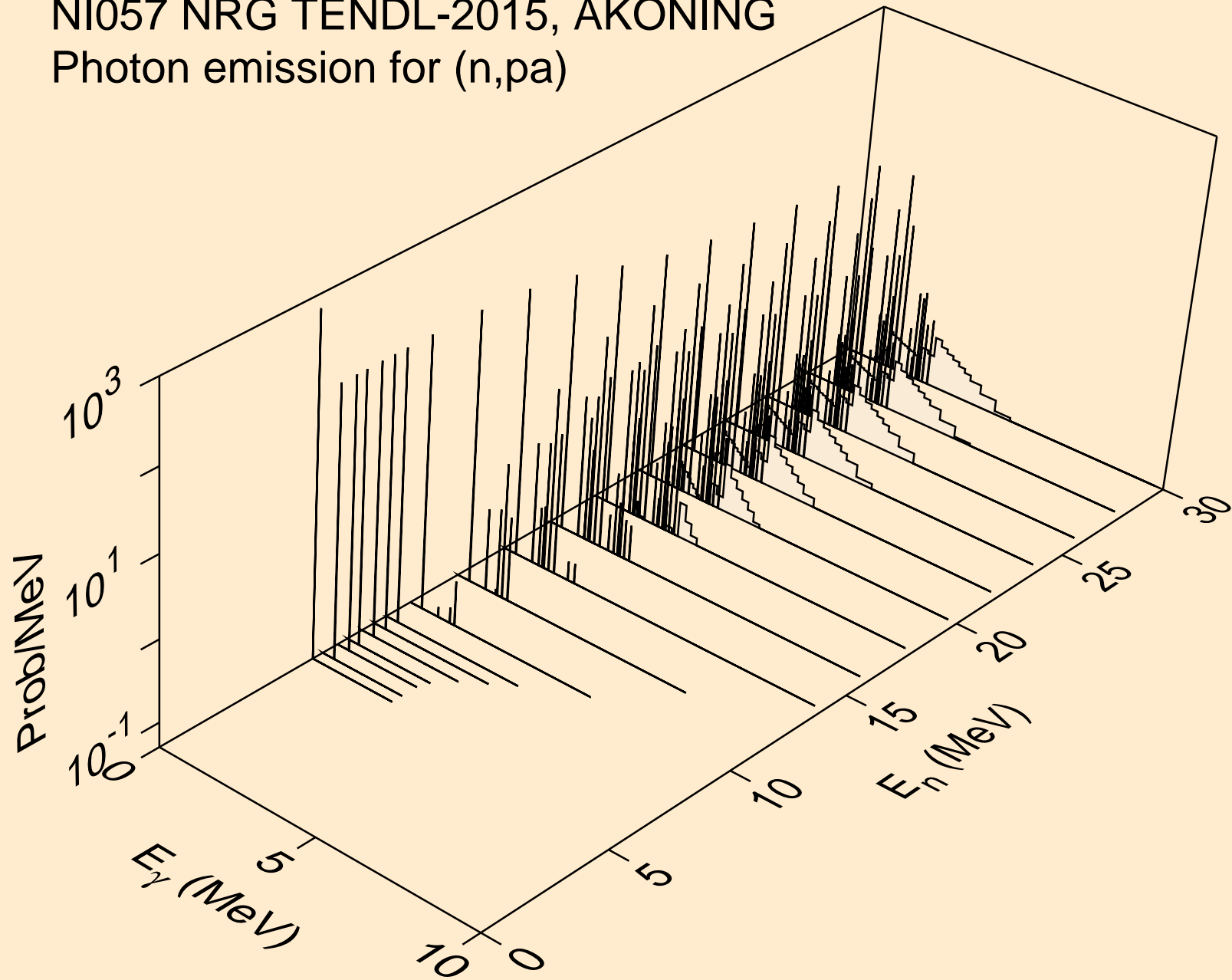
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



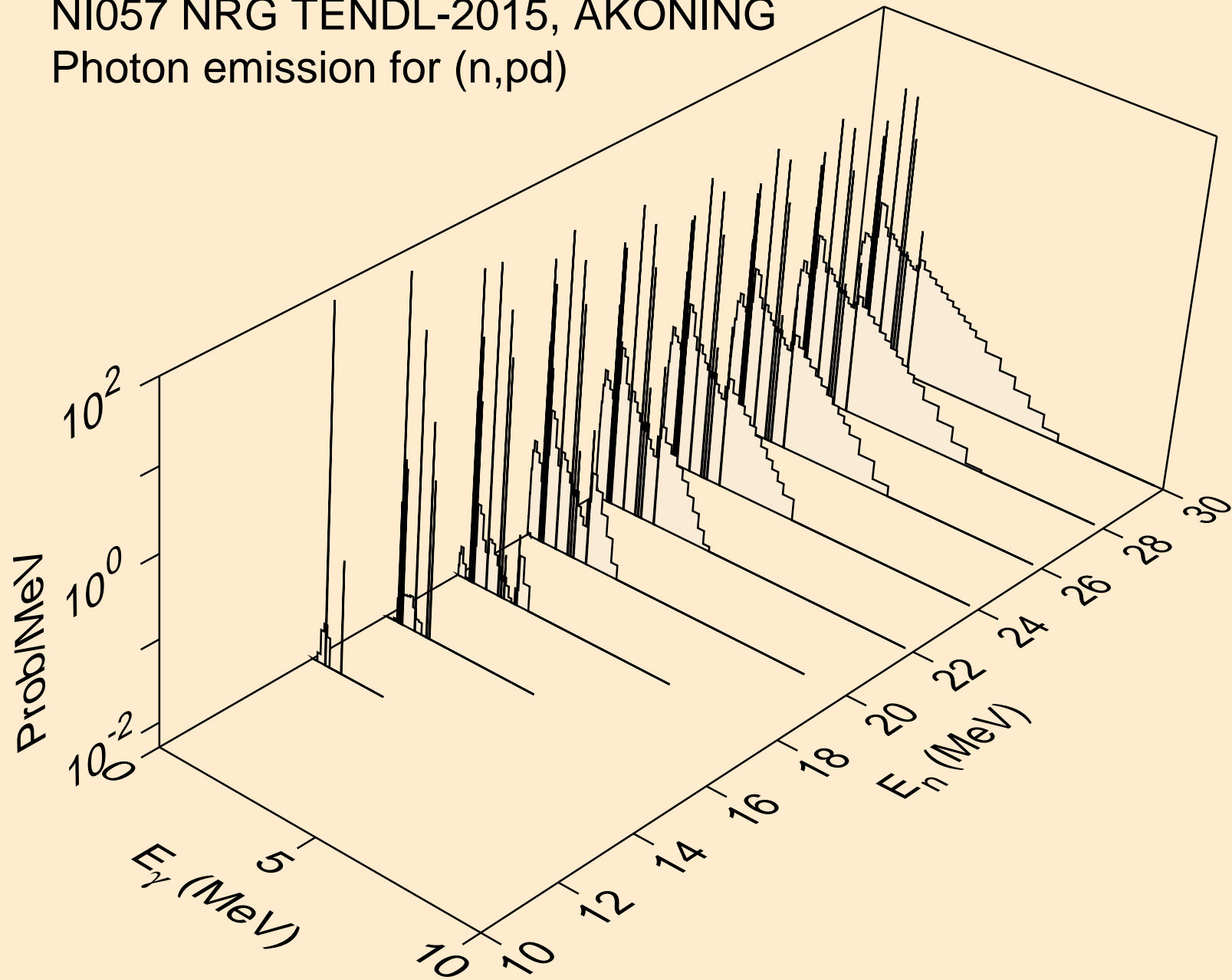
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



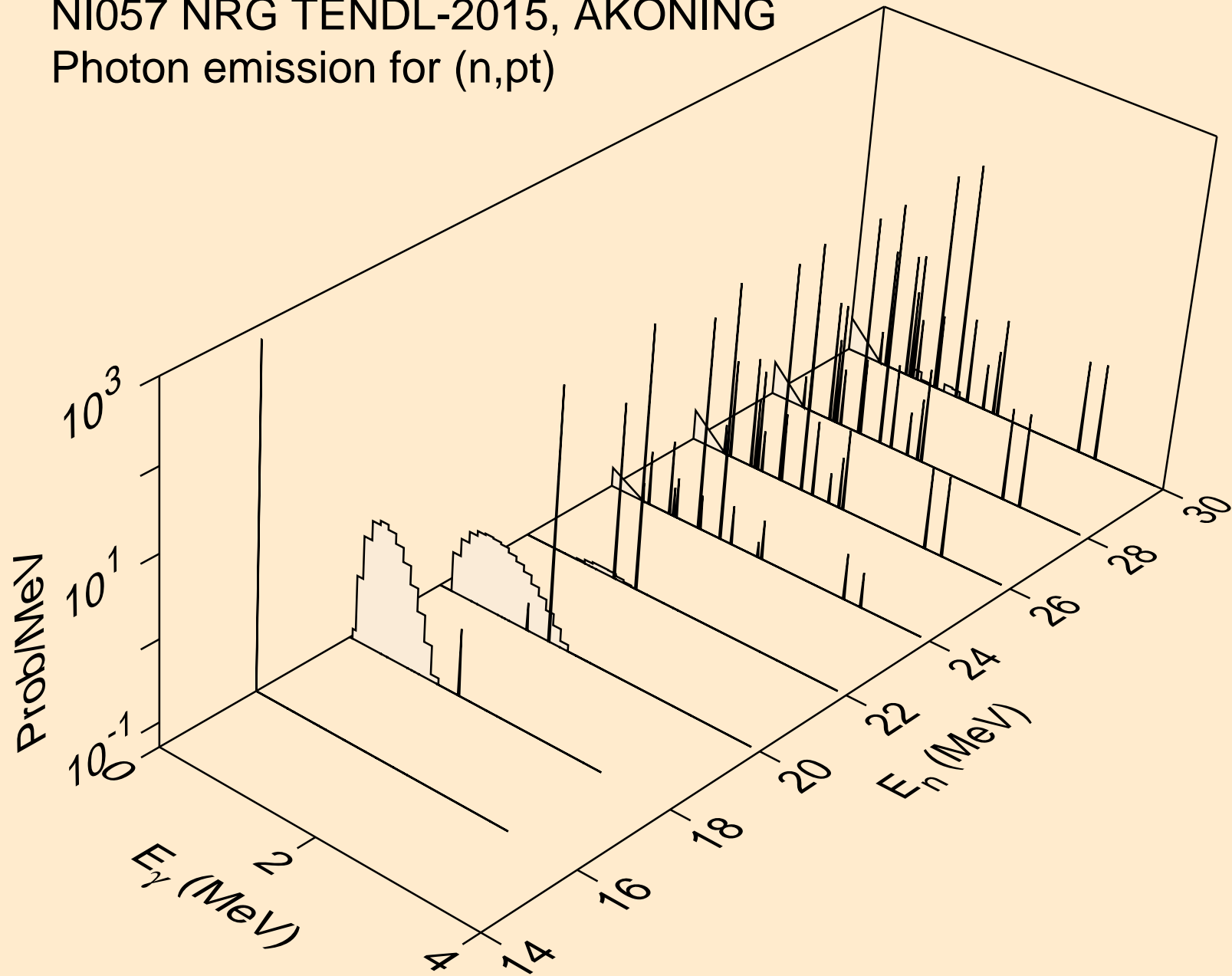
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

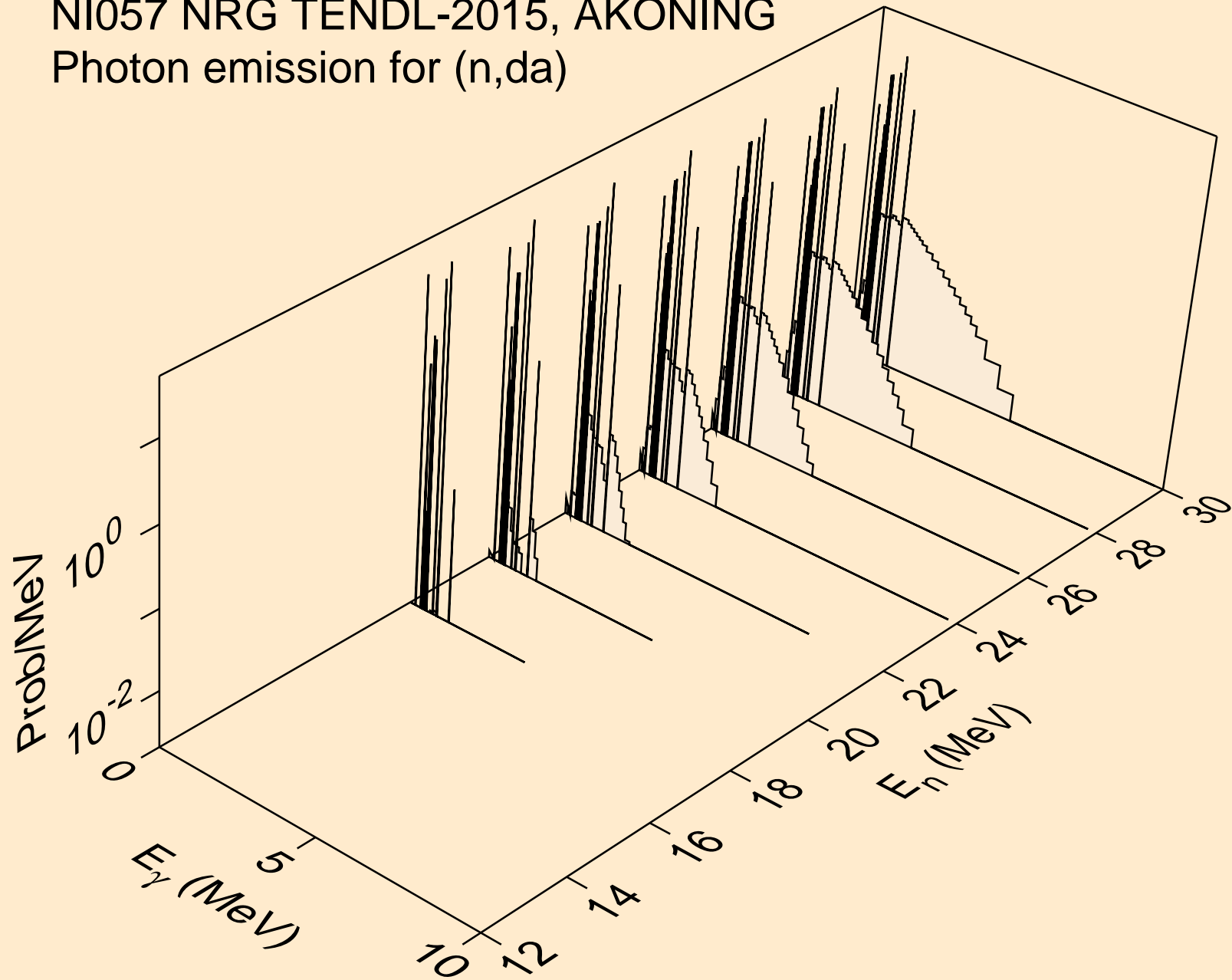


NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

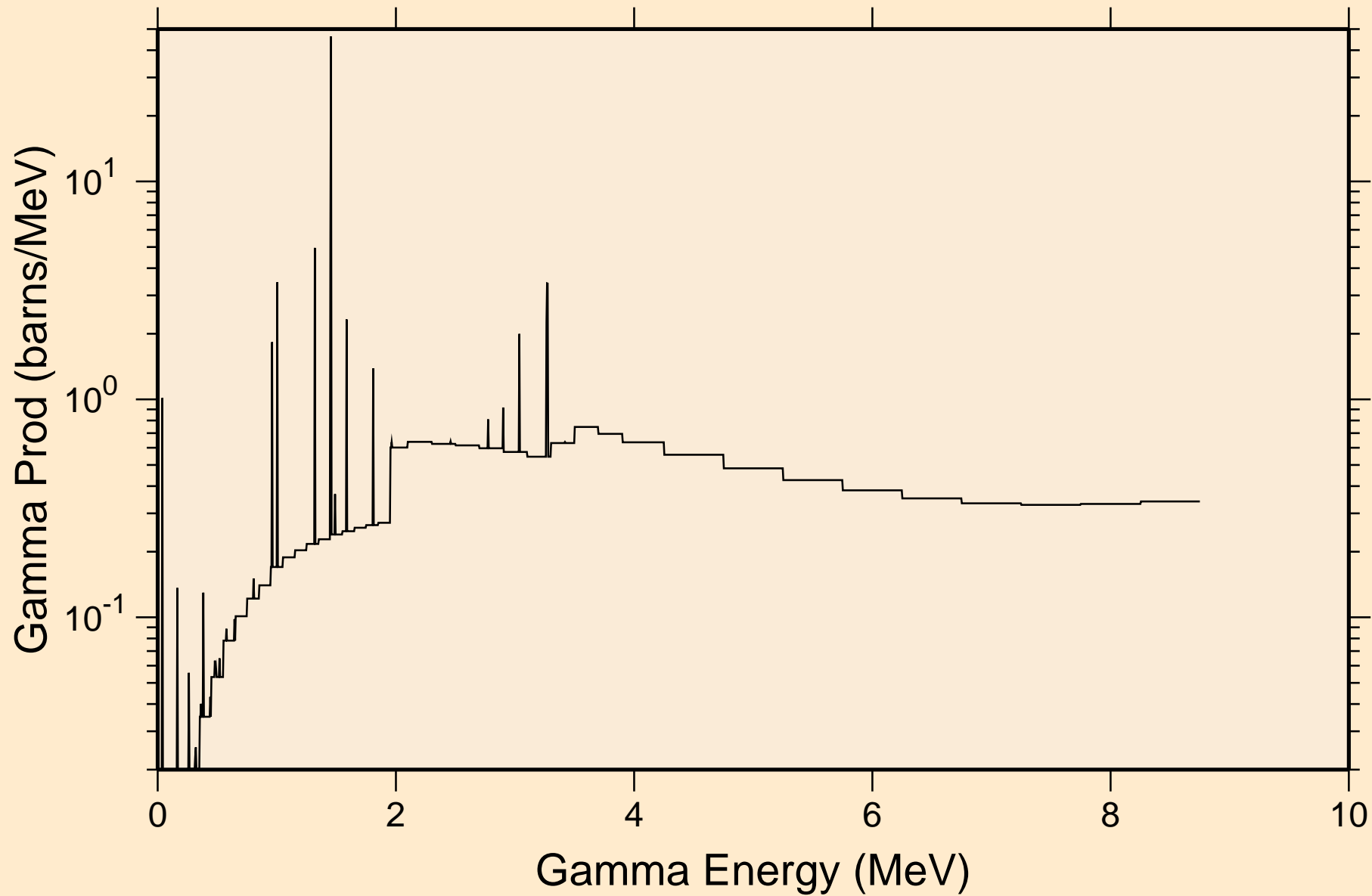




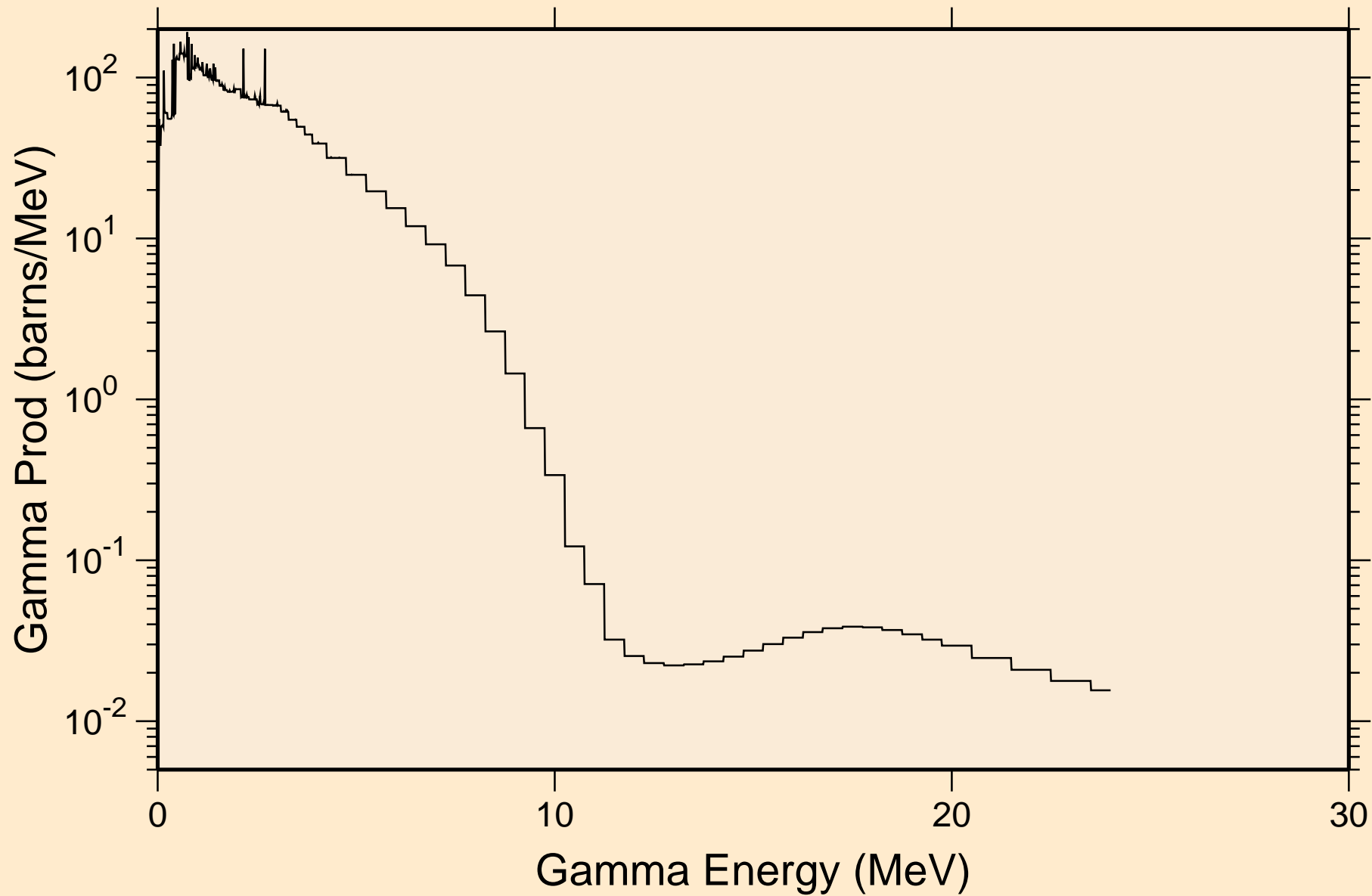
NI057 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



NI057 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

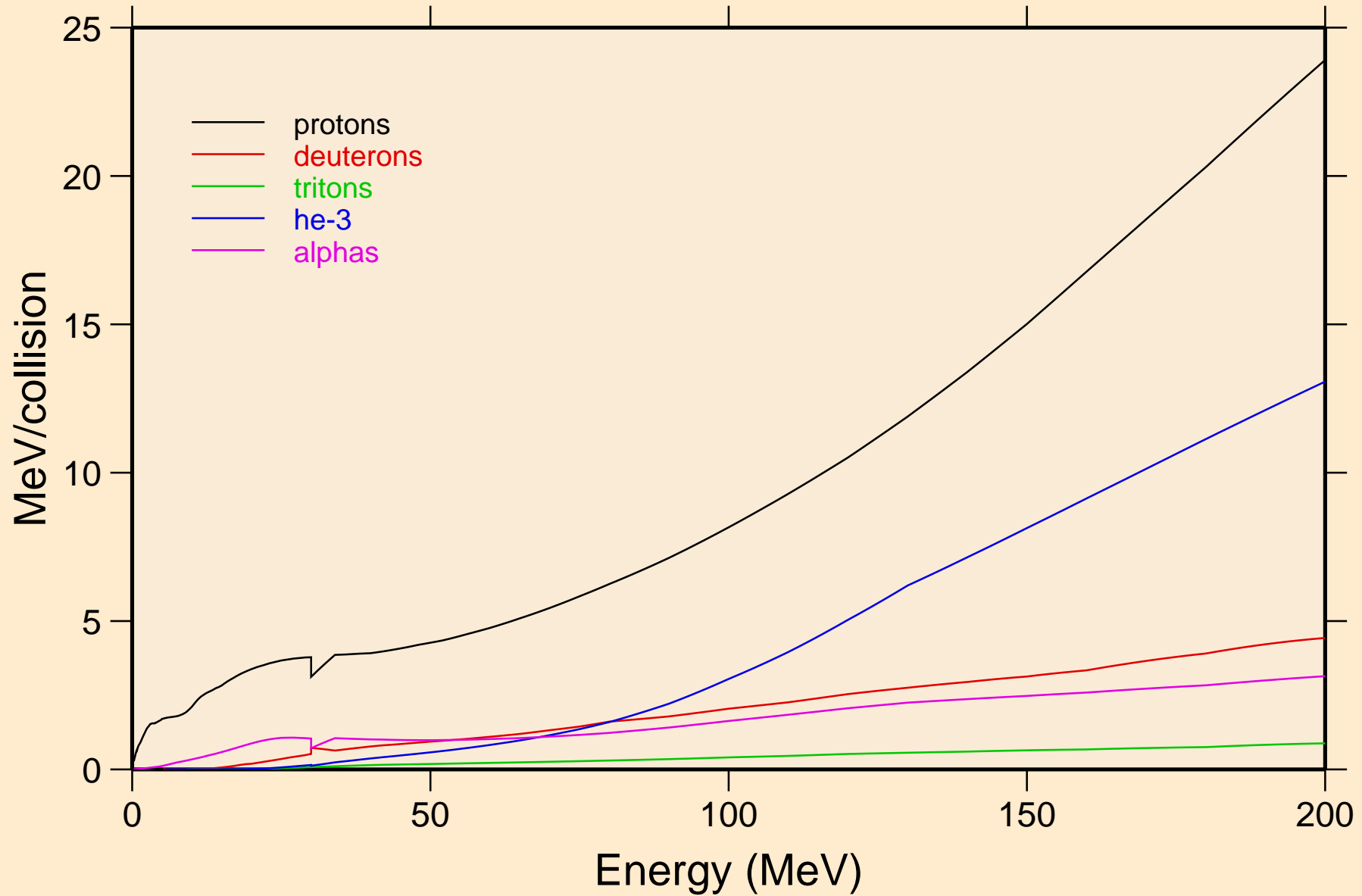


NI057 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



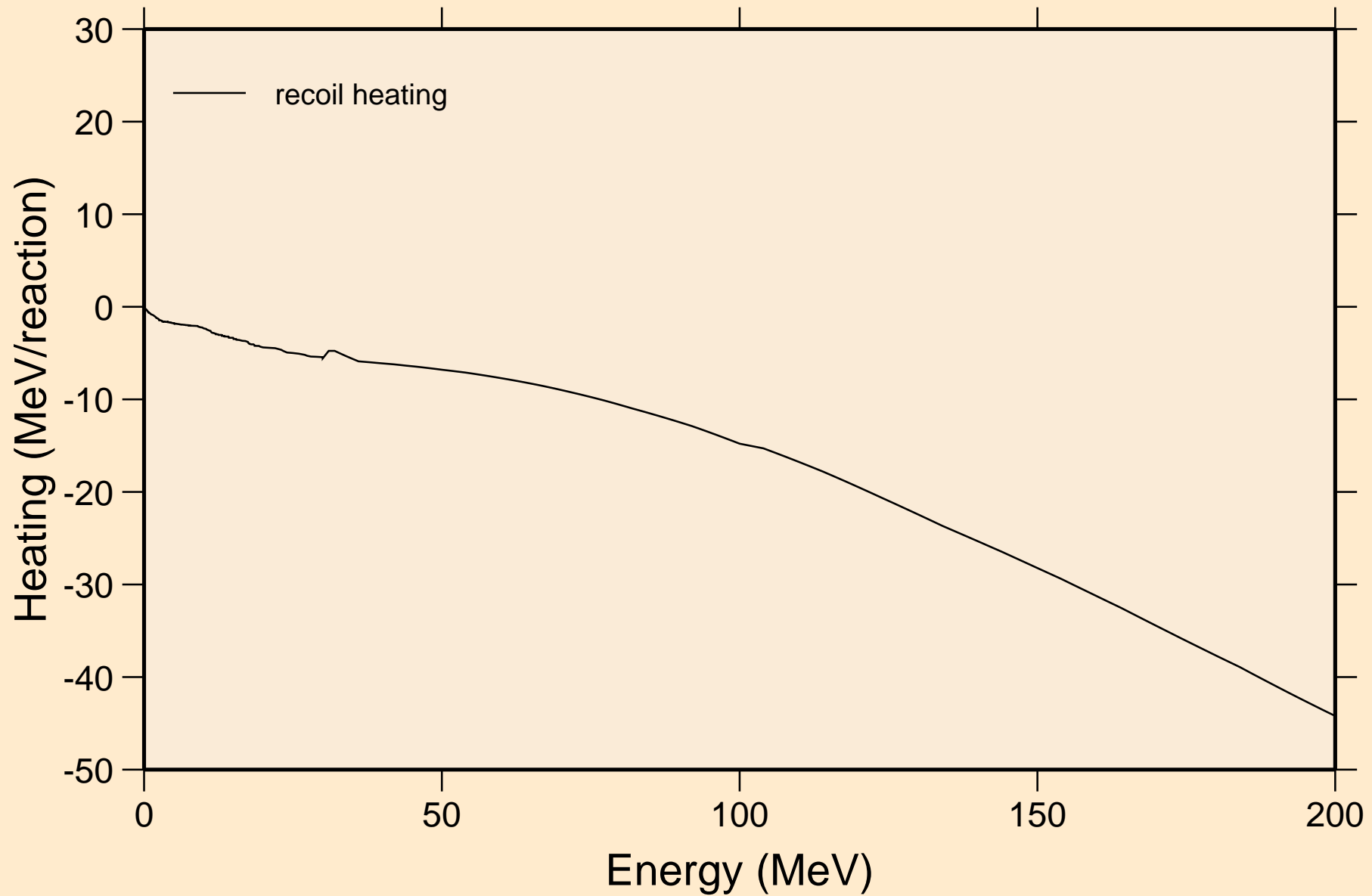
# NI057 NRG TENDL-2015, AKONING

## Particle heating contributions



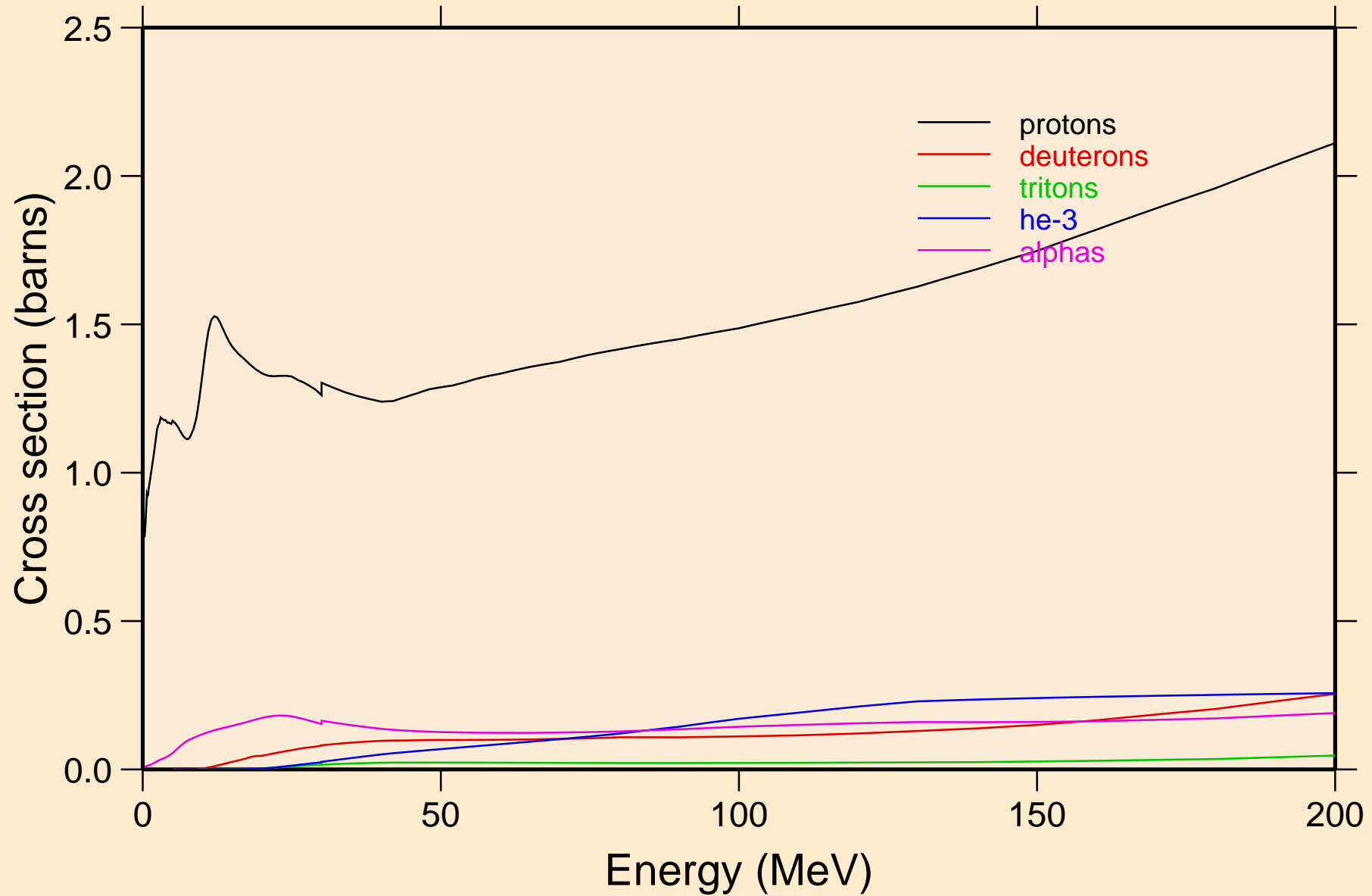
# NI057 NRG TENDL-2015, AKONING

## Recoil Heating

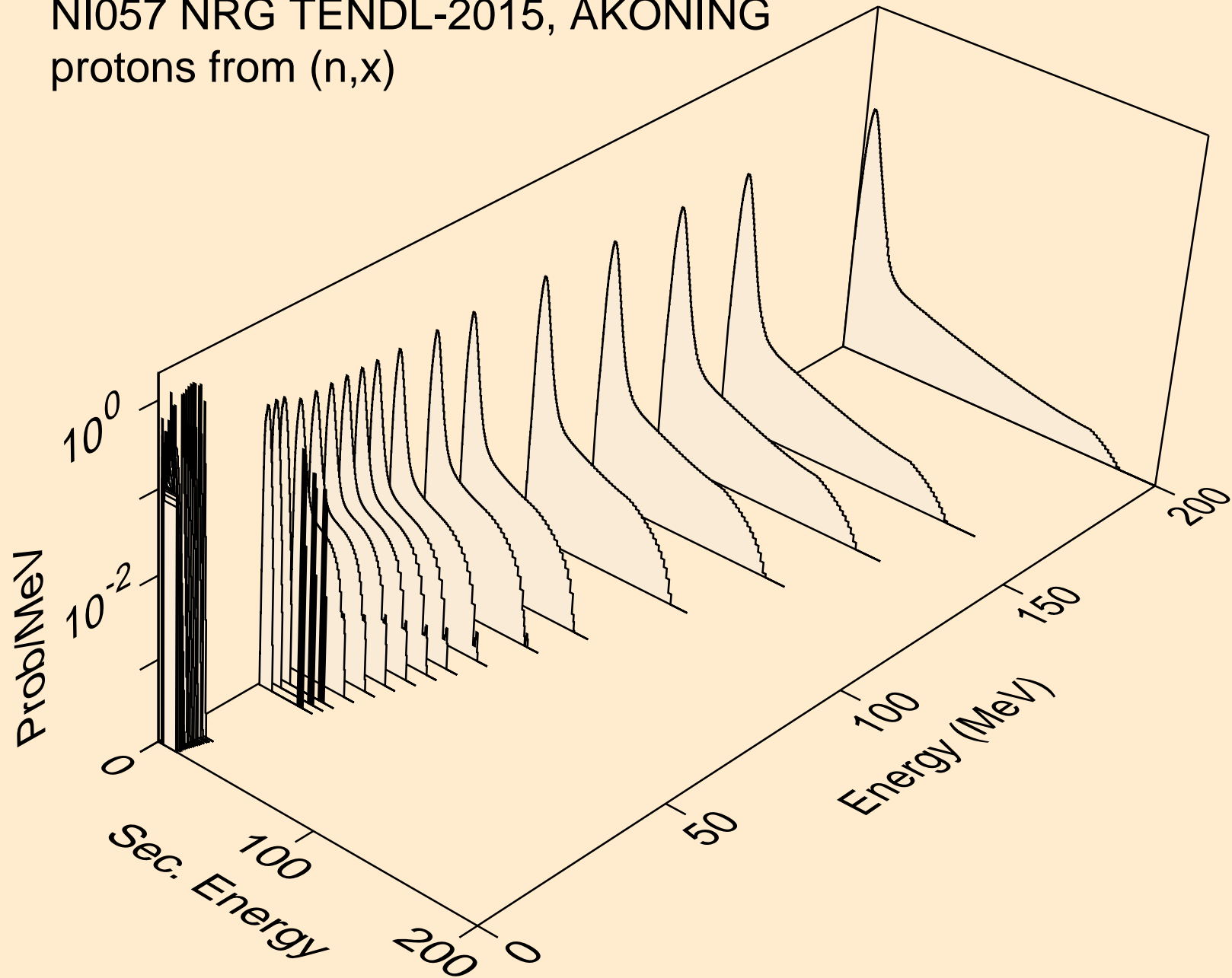


# NI057 NRG TENDL-2015, AKONING

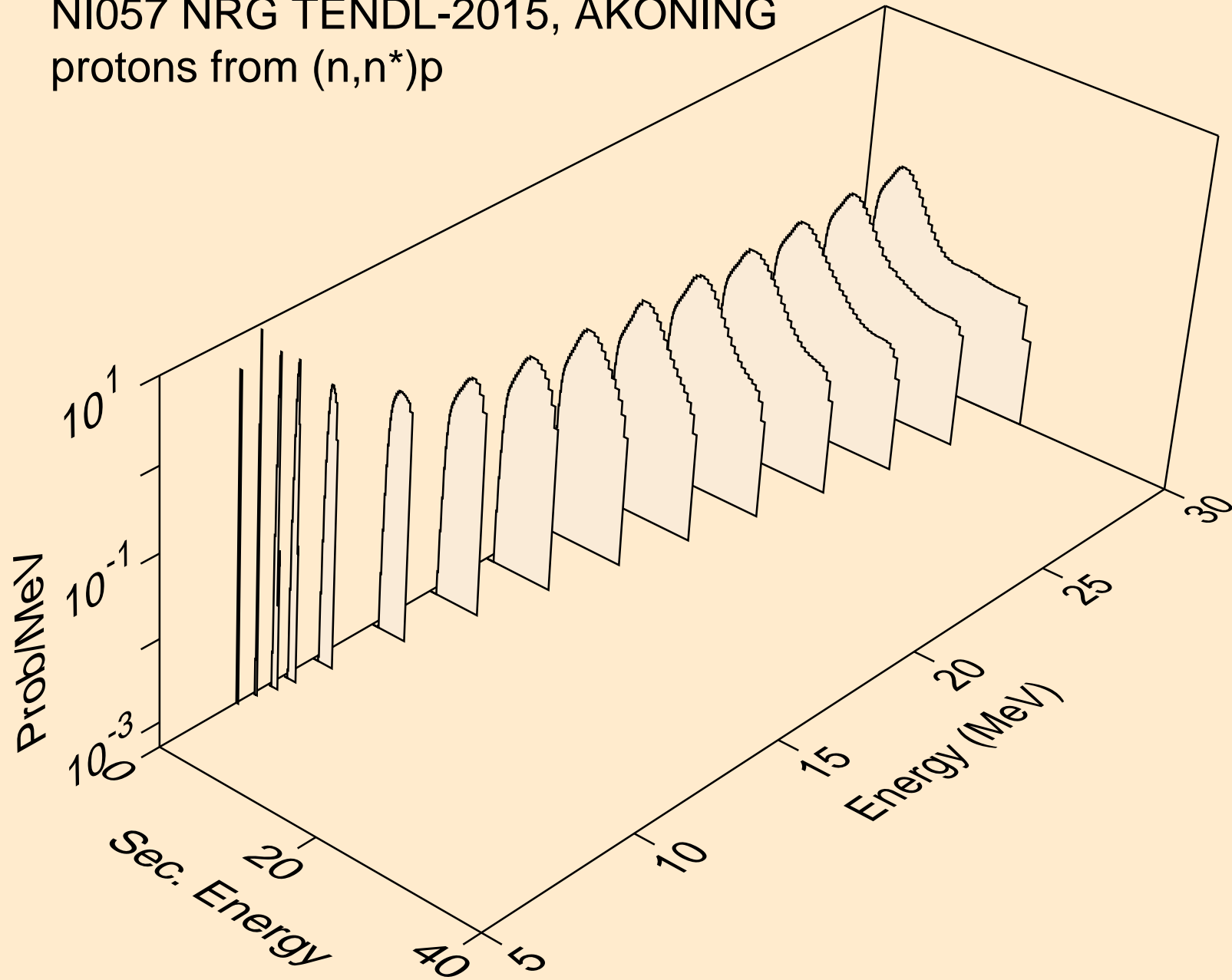
## Particle production cross sections



NI057 NRG TENDL-2015, AKONING  
protons from (n,x)

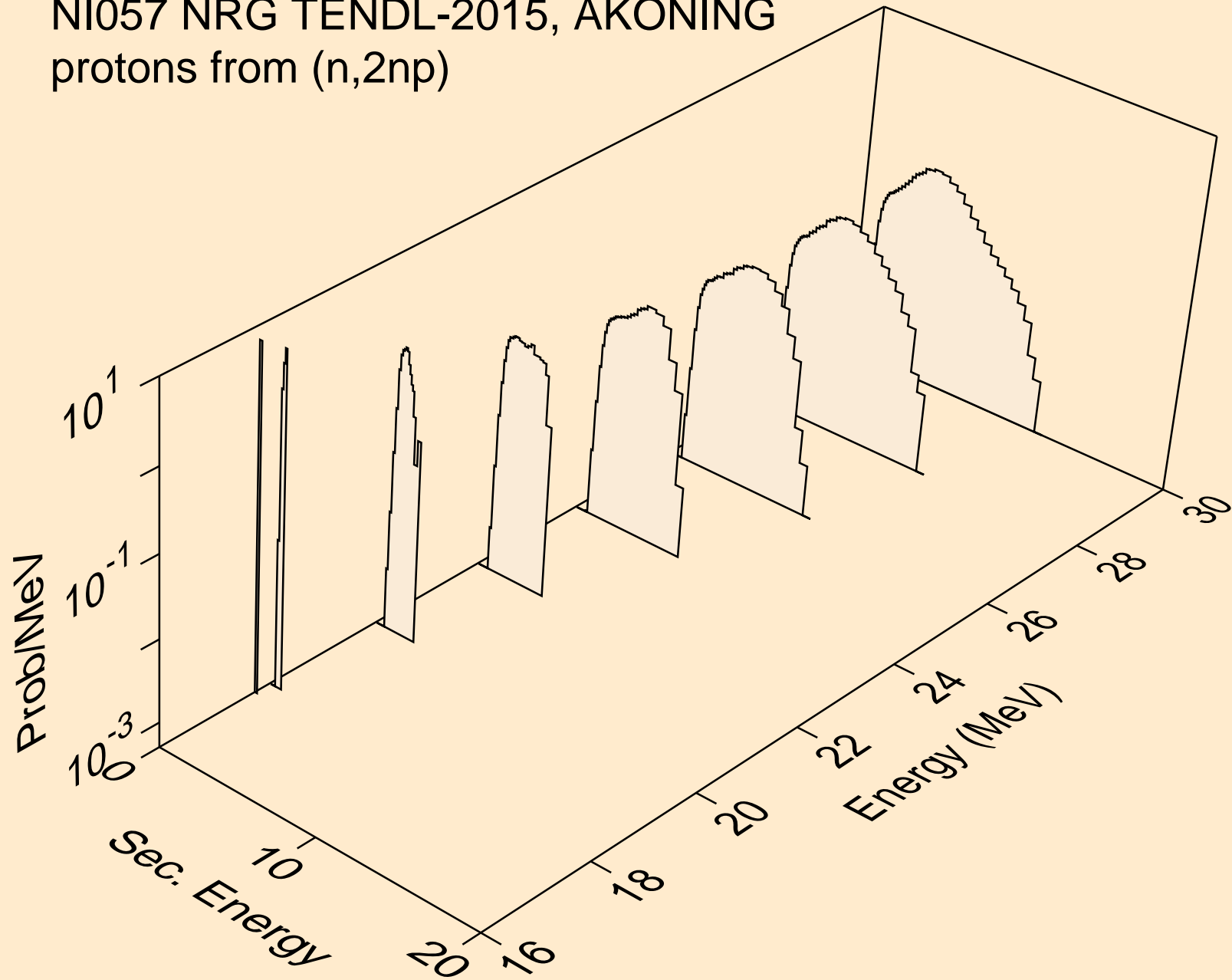


NI057 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

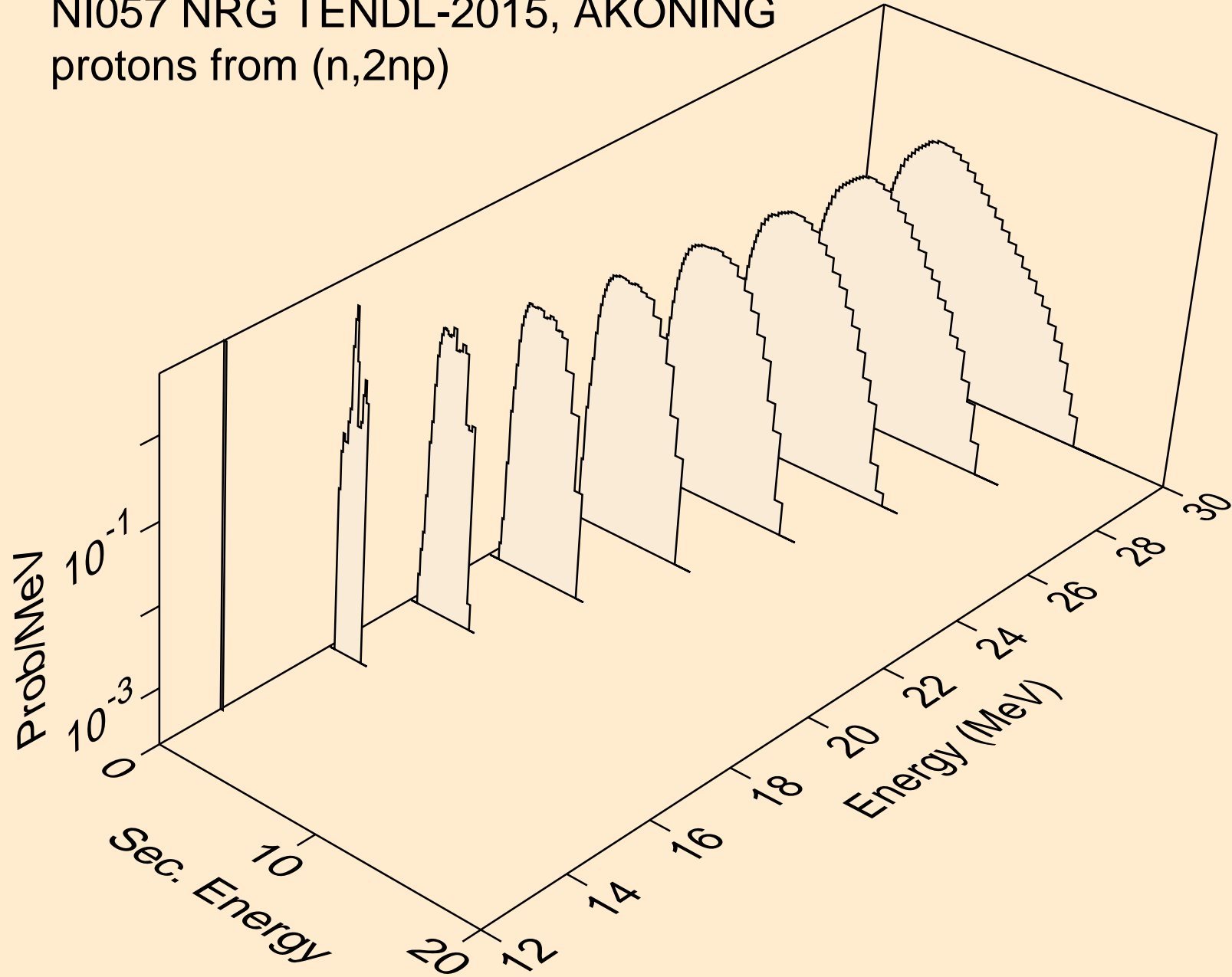




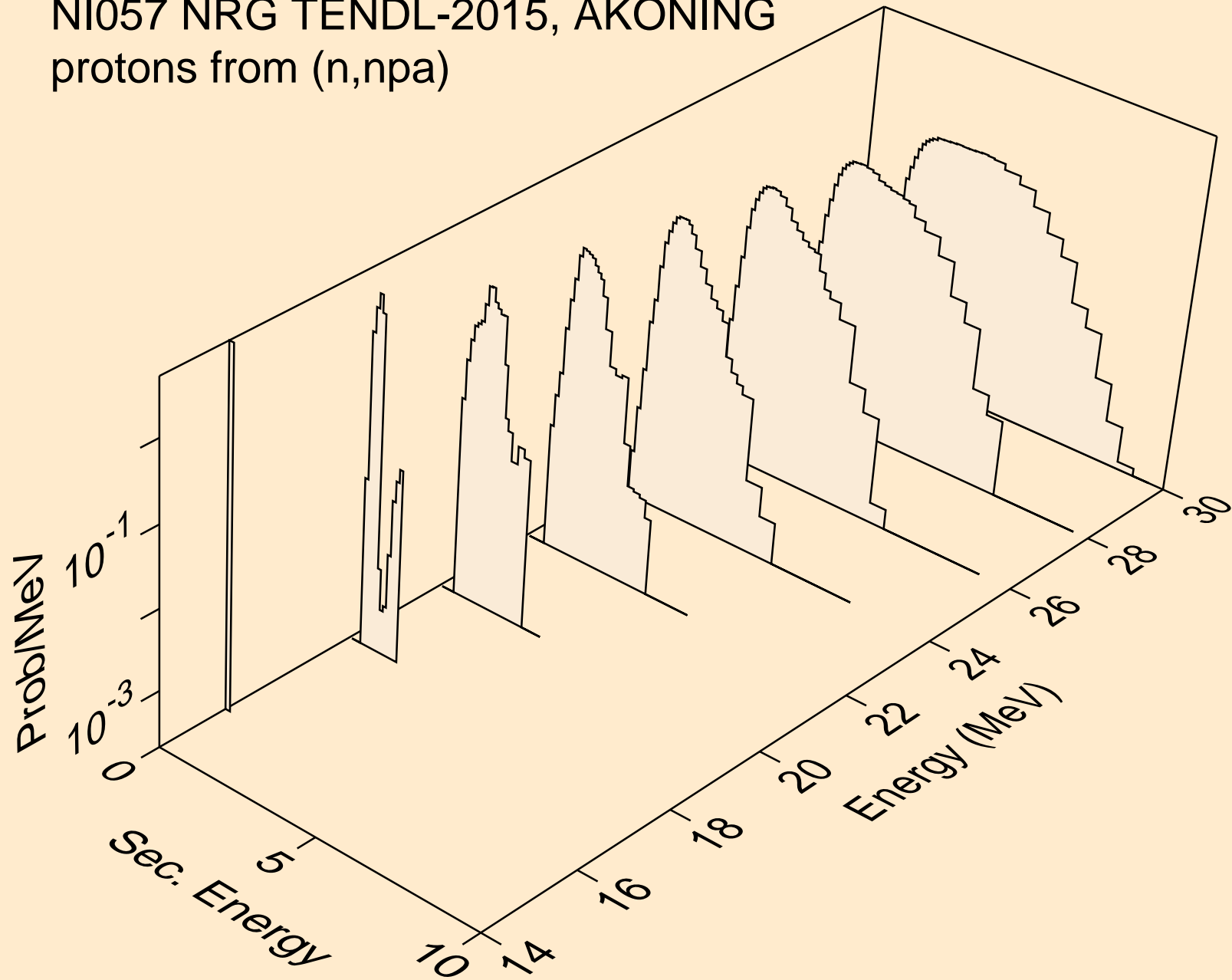
NI057 NRG TENDL-2015, AKONING  
protons from (n,2np)



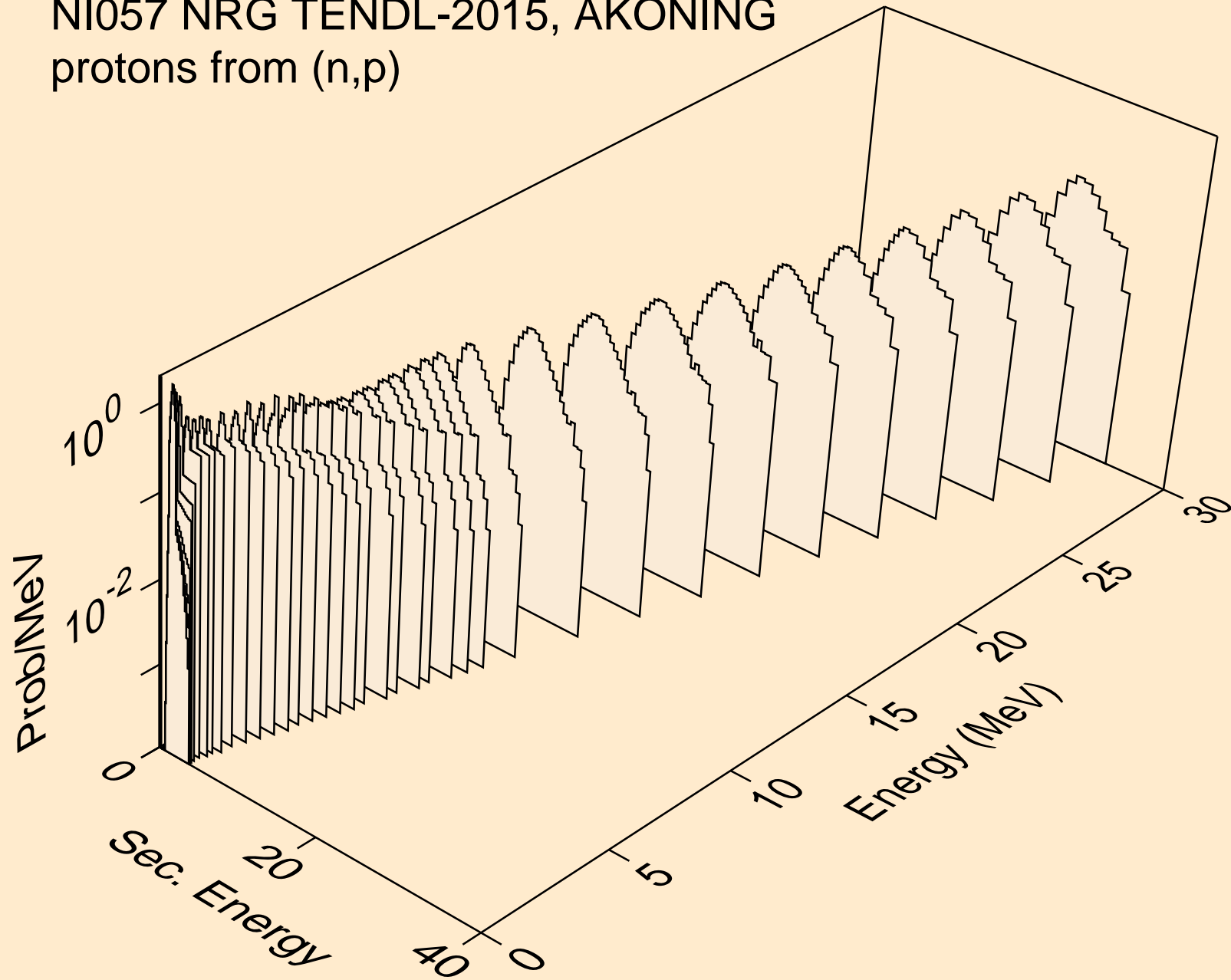
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protons from (n,2np)



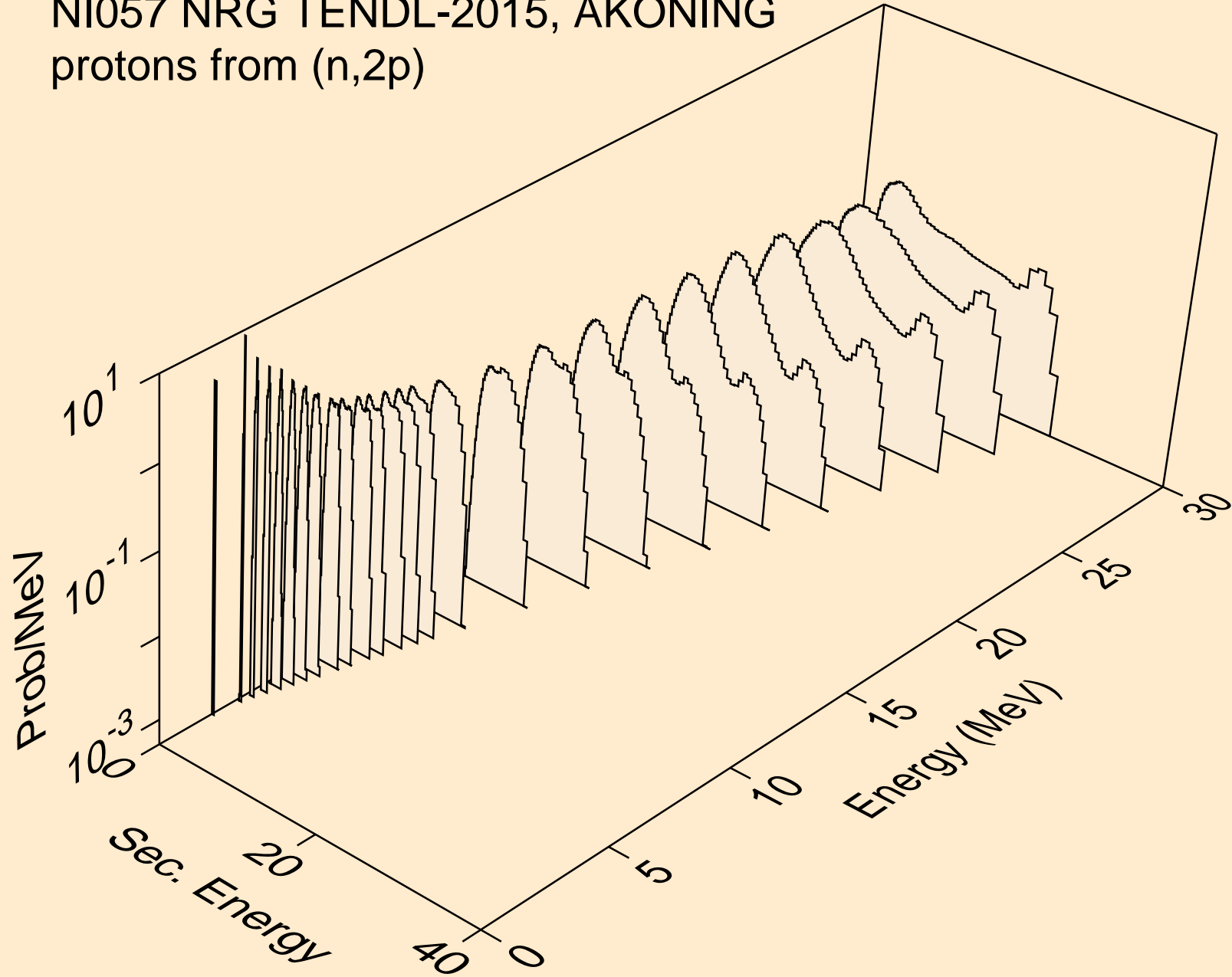
NI057 NRG TENDL-2015, AKONING  
protons from (n,npa)



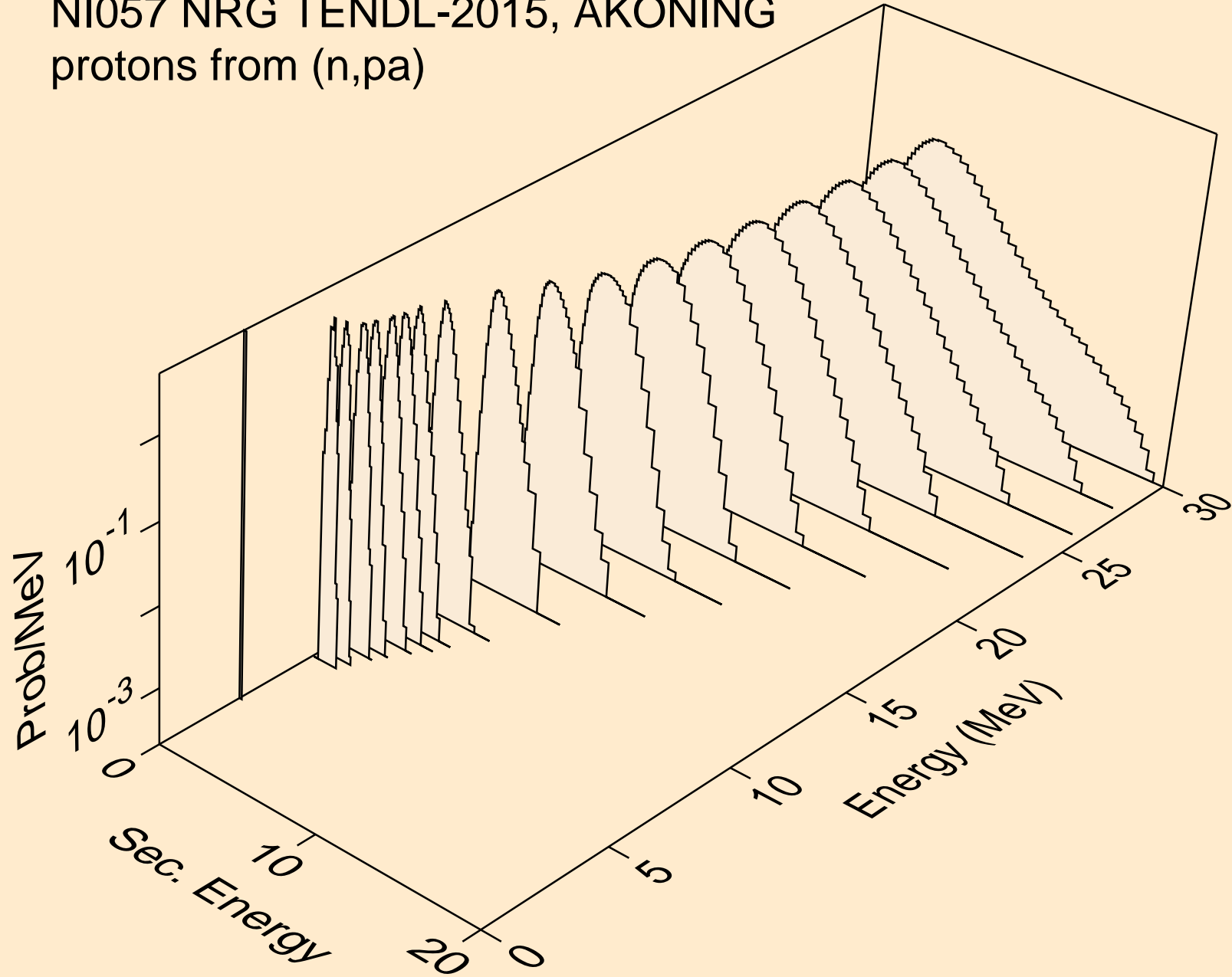
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protons from (n,p)



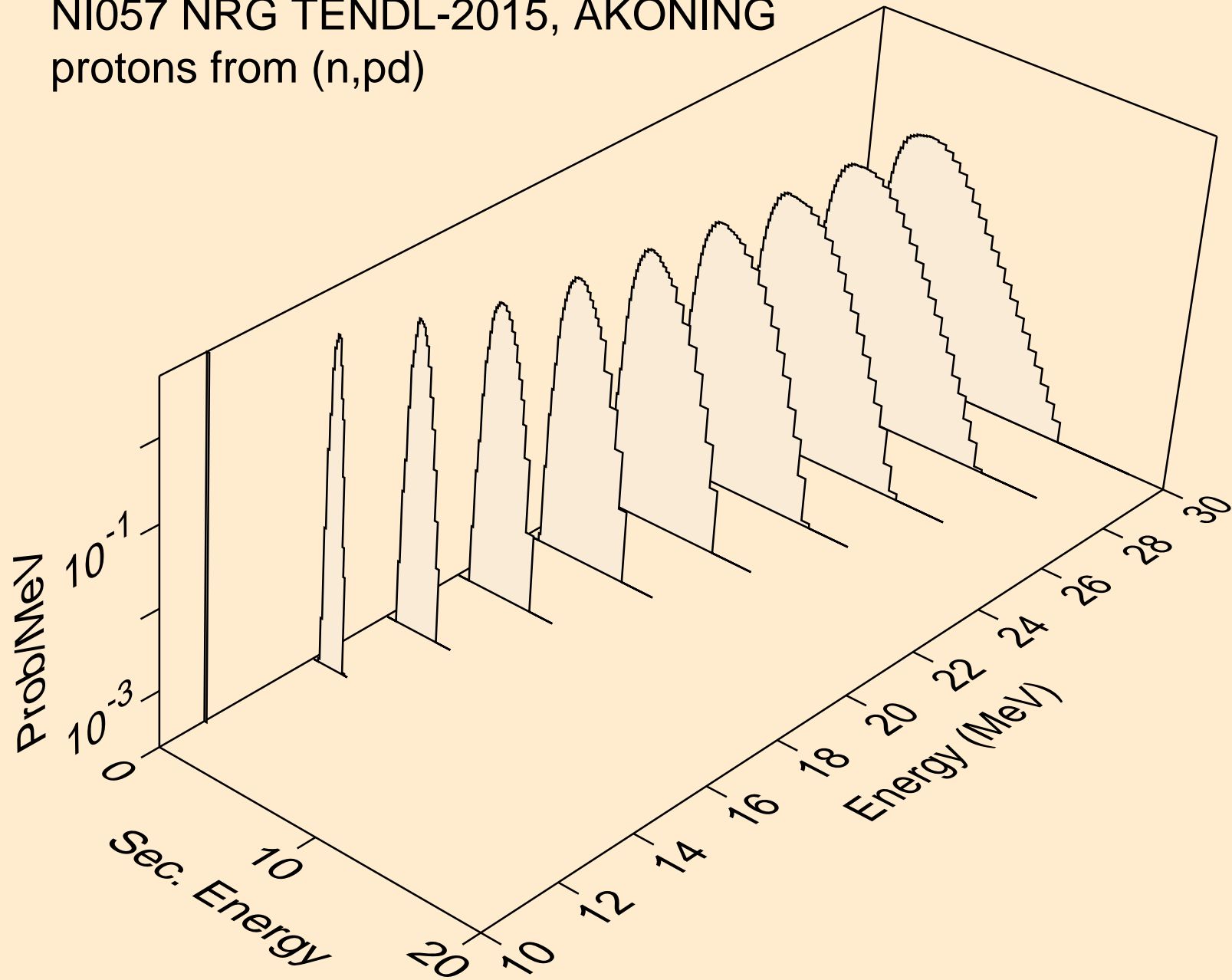
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protons from (n,2p)



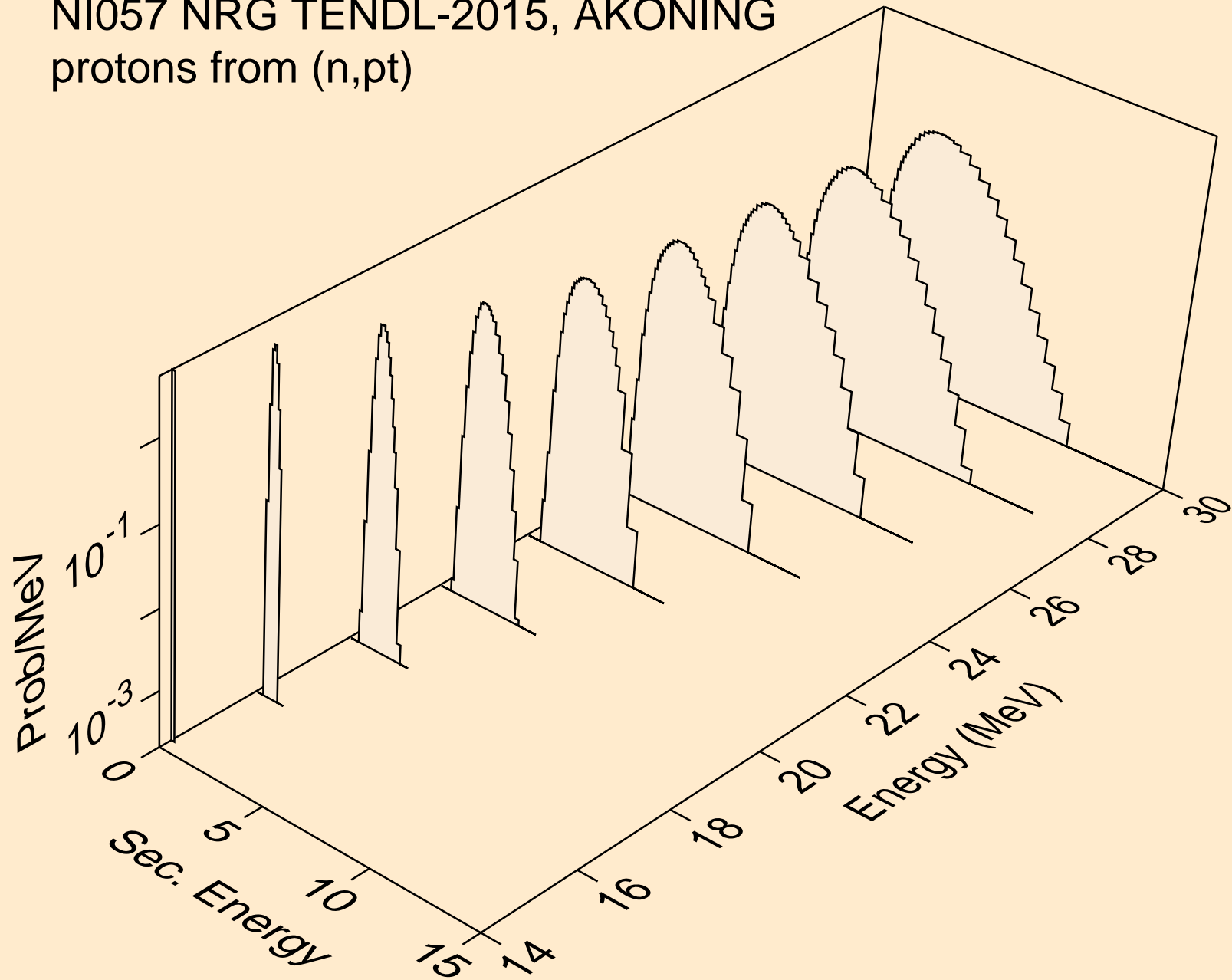
NI057 NRG TENDL-2015, AKONING  
protons from (n,pa)



NI057 NRG TENDL-2015, AKONING  
protons from (n,pd)

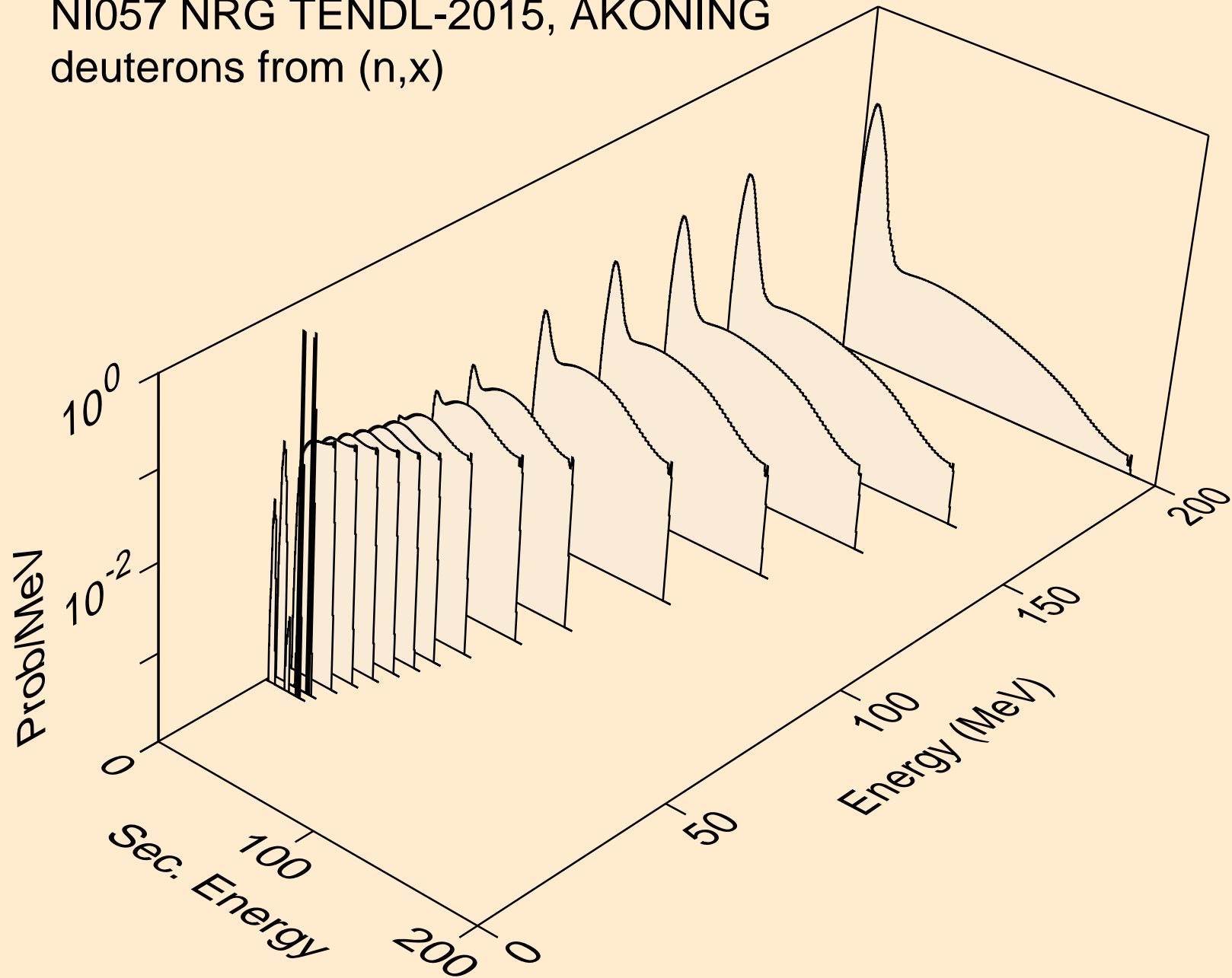


NI057 NRG TENDL-2015, AKONING  
protons from (n,pt)

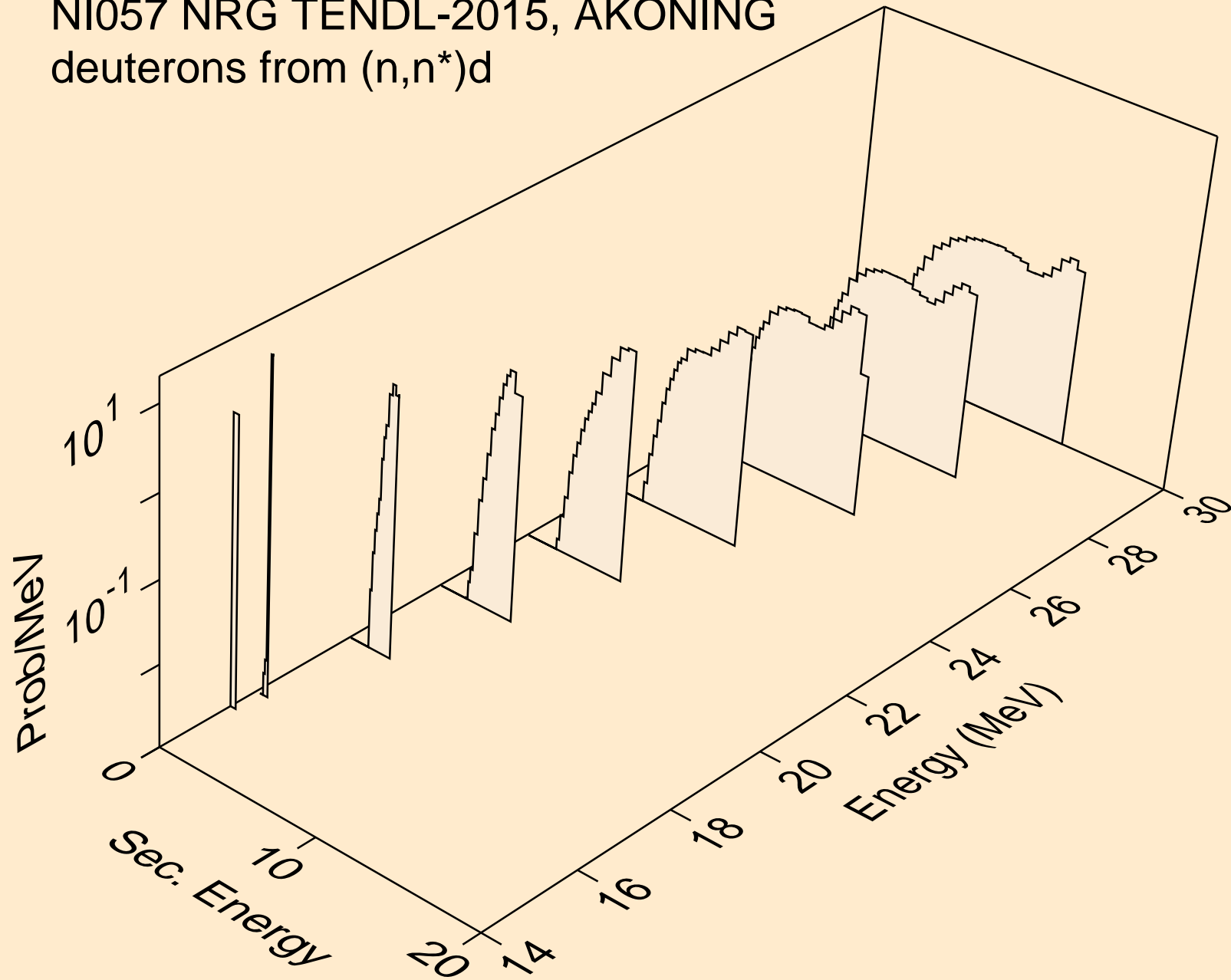




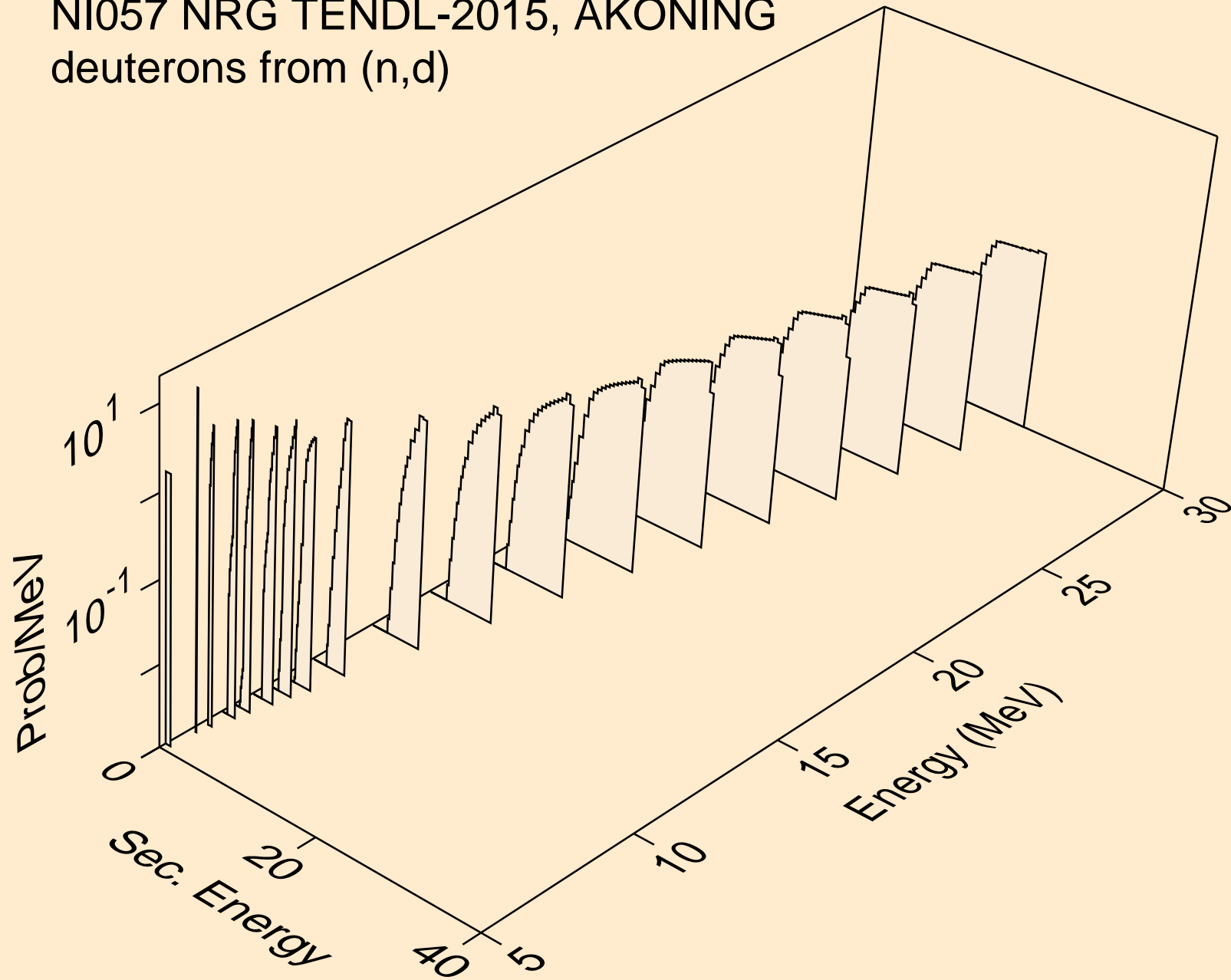
NI057 NRG TENDL-2015, AKONING  
deuterons from (n,x)



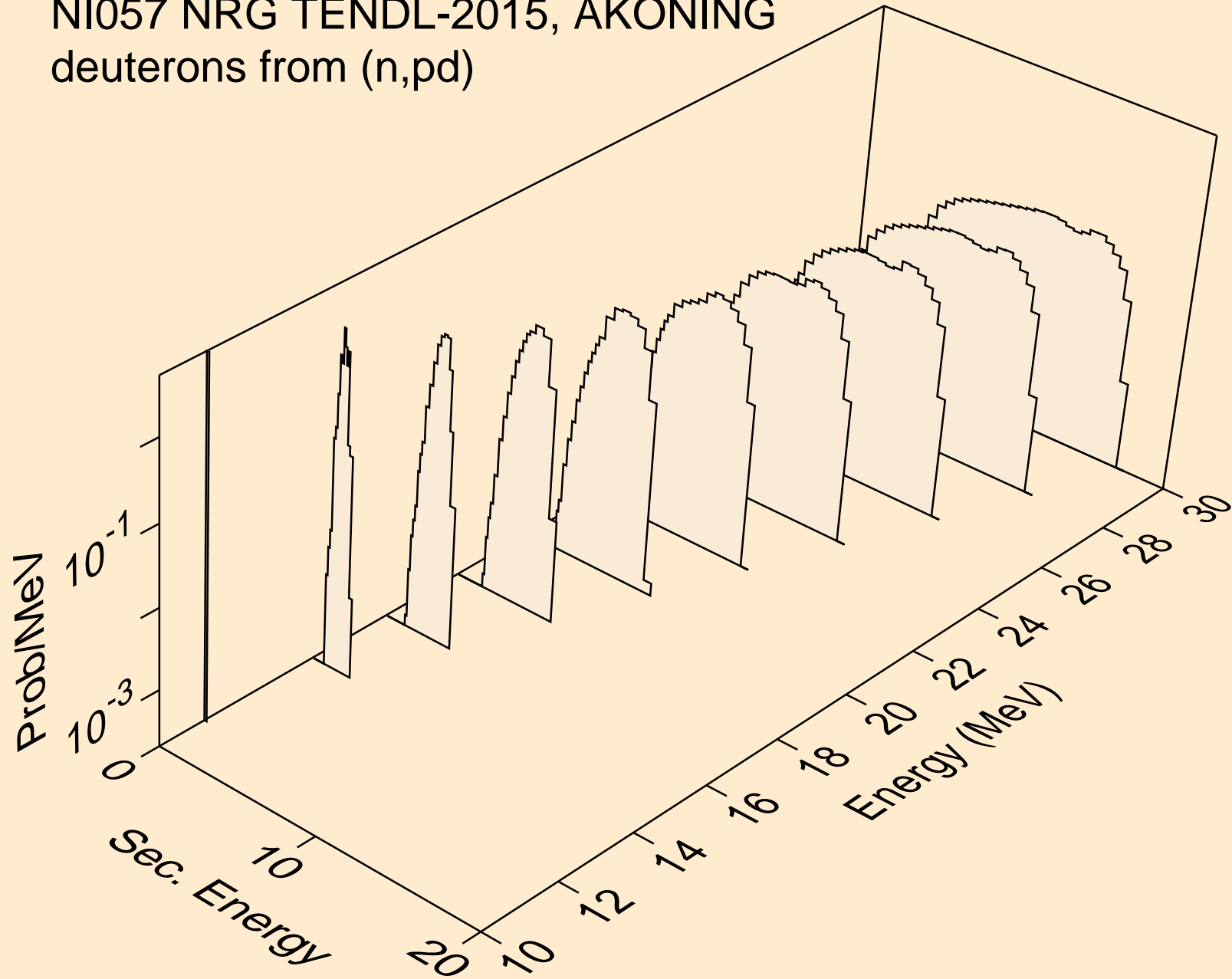
NI057 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



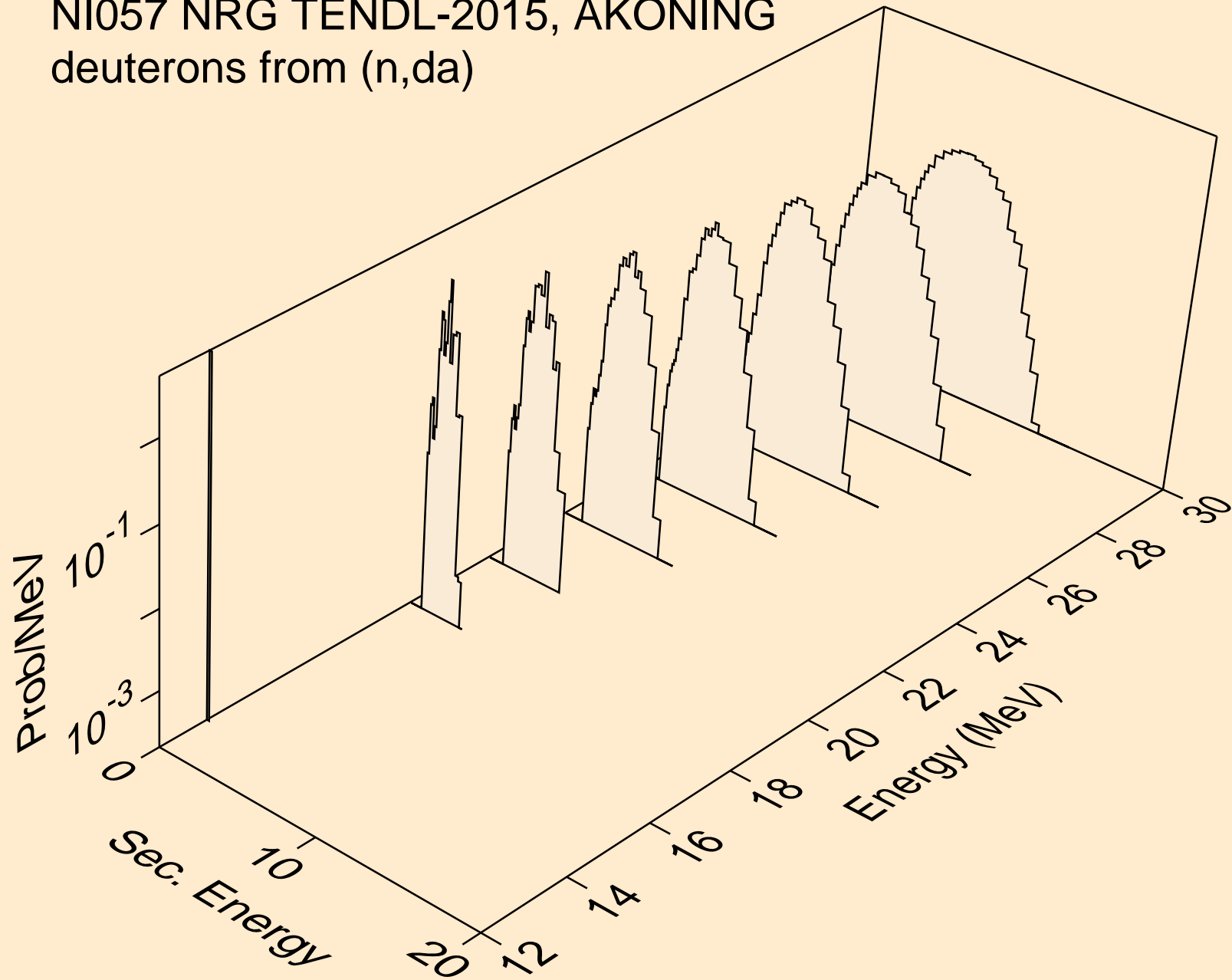
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deuterons from (n,d)



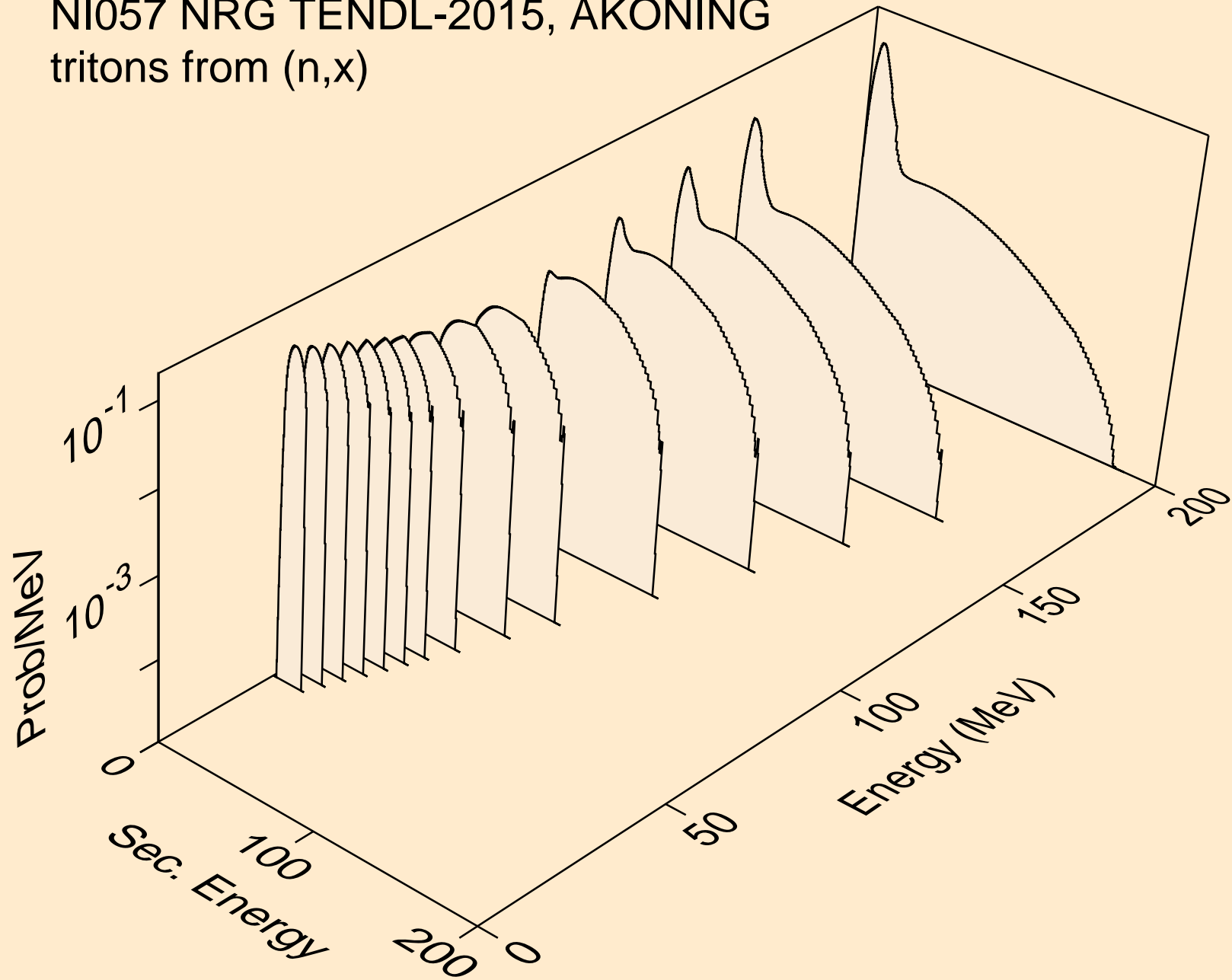
NI057 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



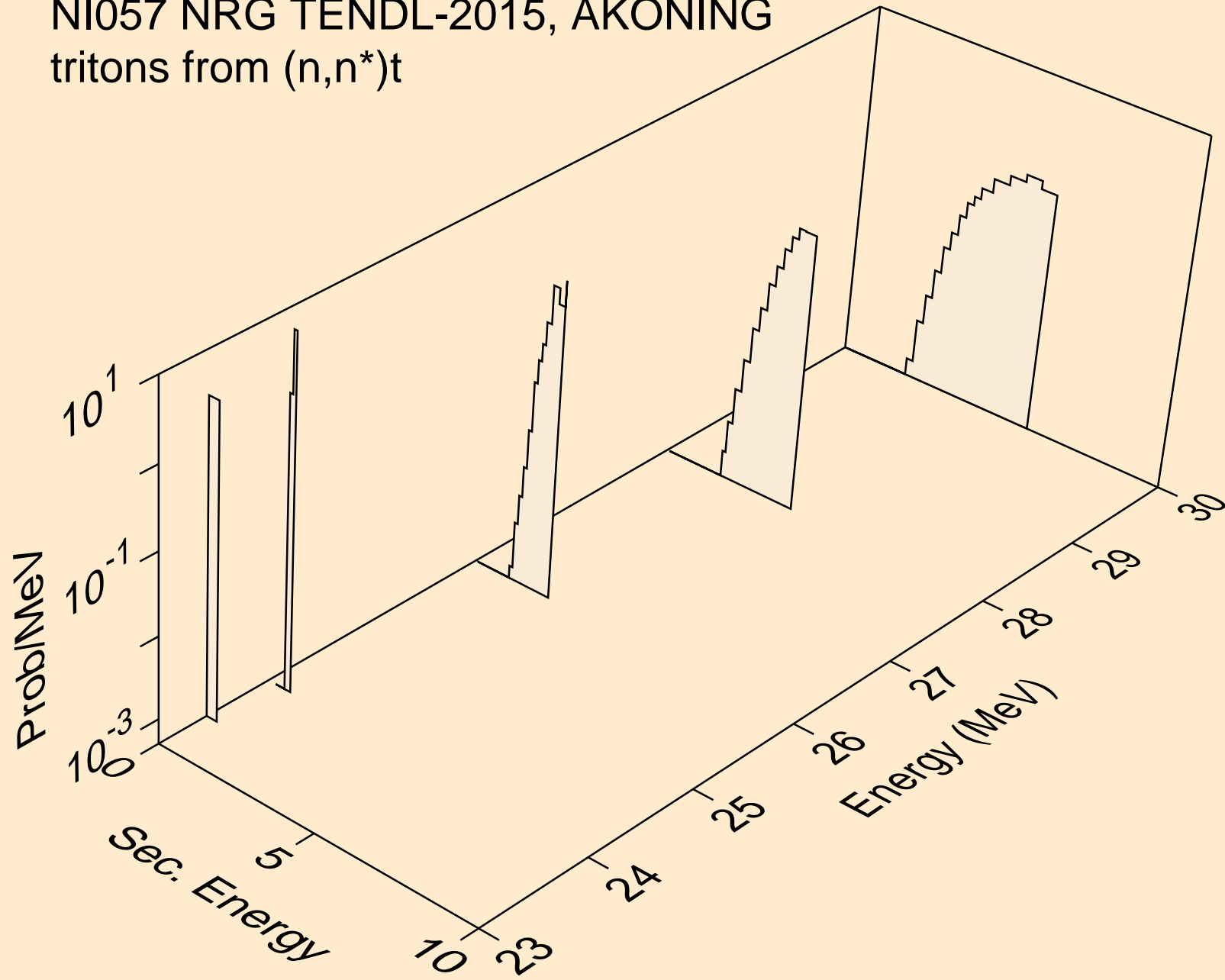
NI057 NRG TENDL-2015, AKONING  
deuterons from (n,da)



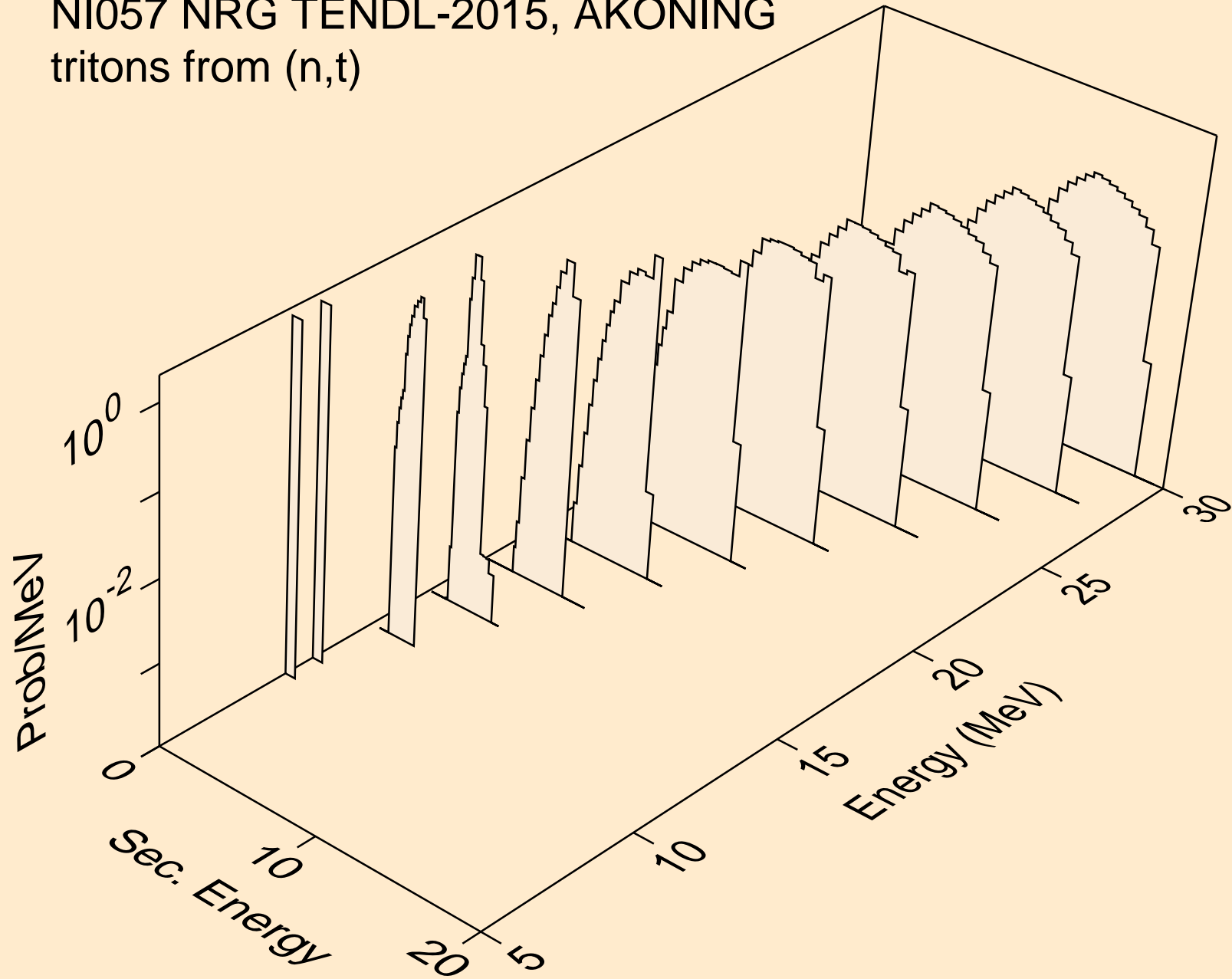
NI057 NRG TENDL-2015, AKONING  
tritons from (n,x)



NI057 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

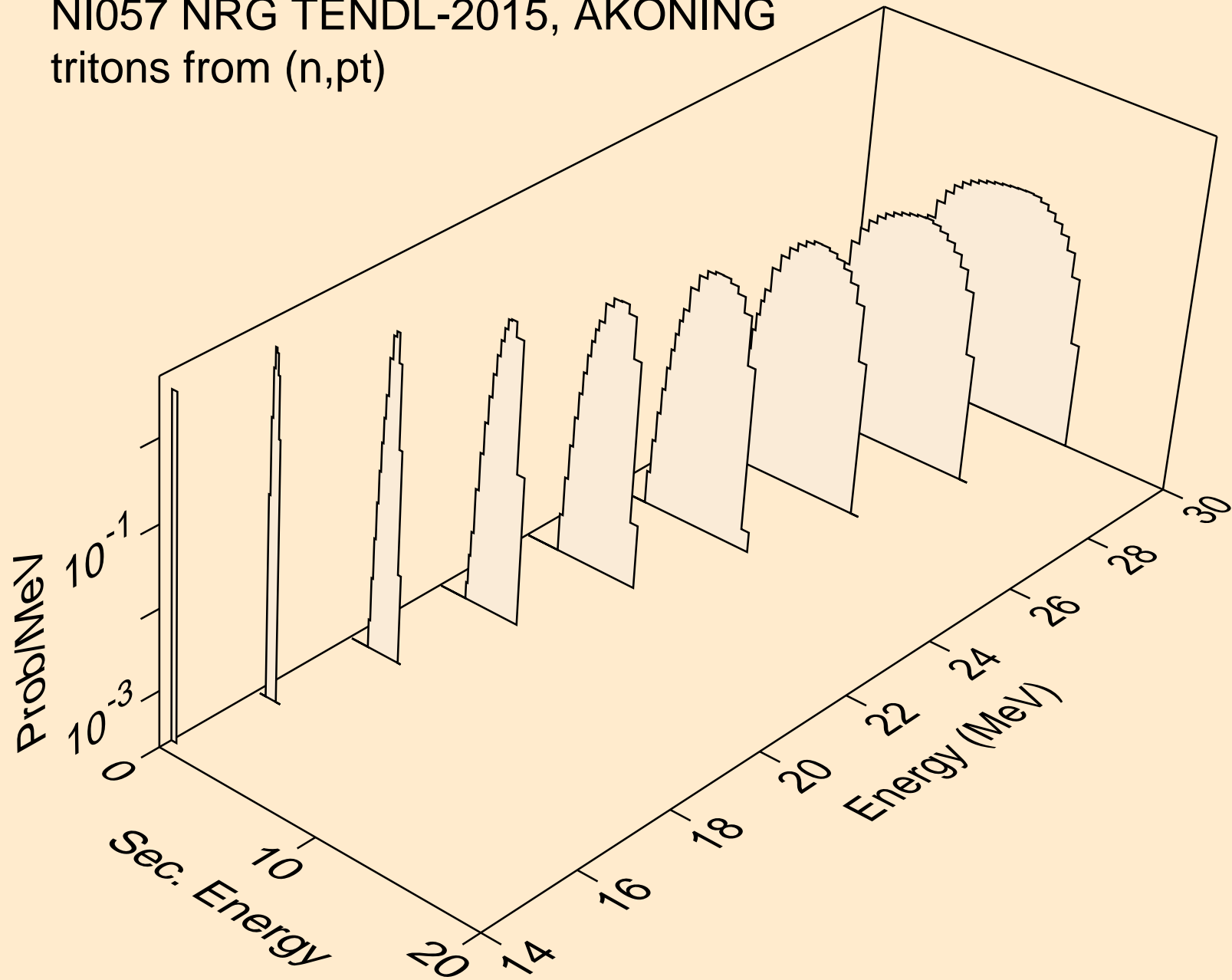


NI057 NRG TENDL-2015, AKONING  
tritons from (n,t)

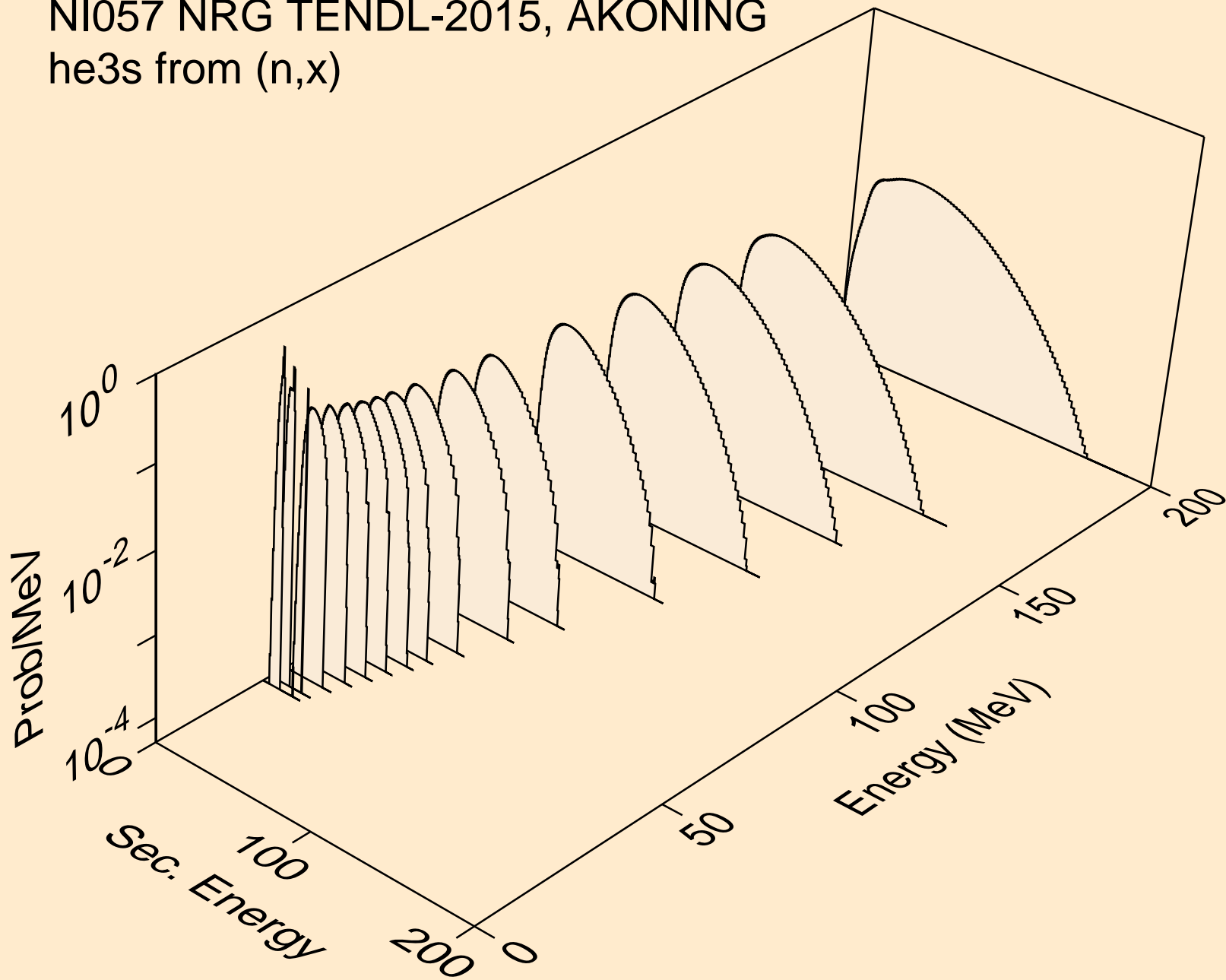




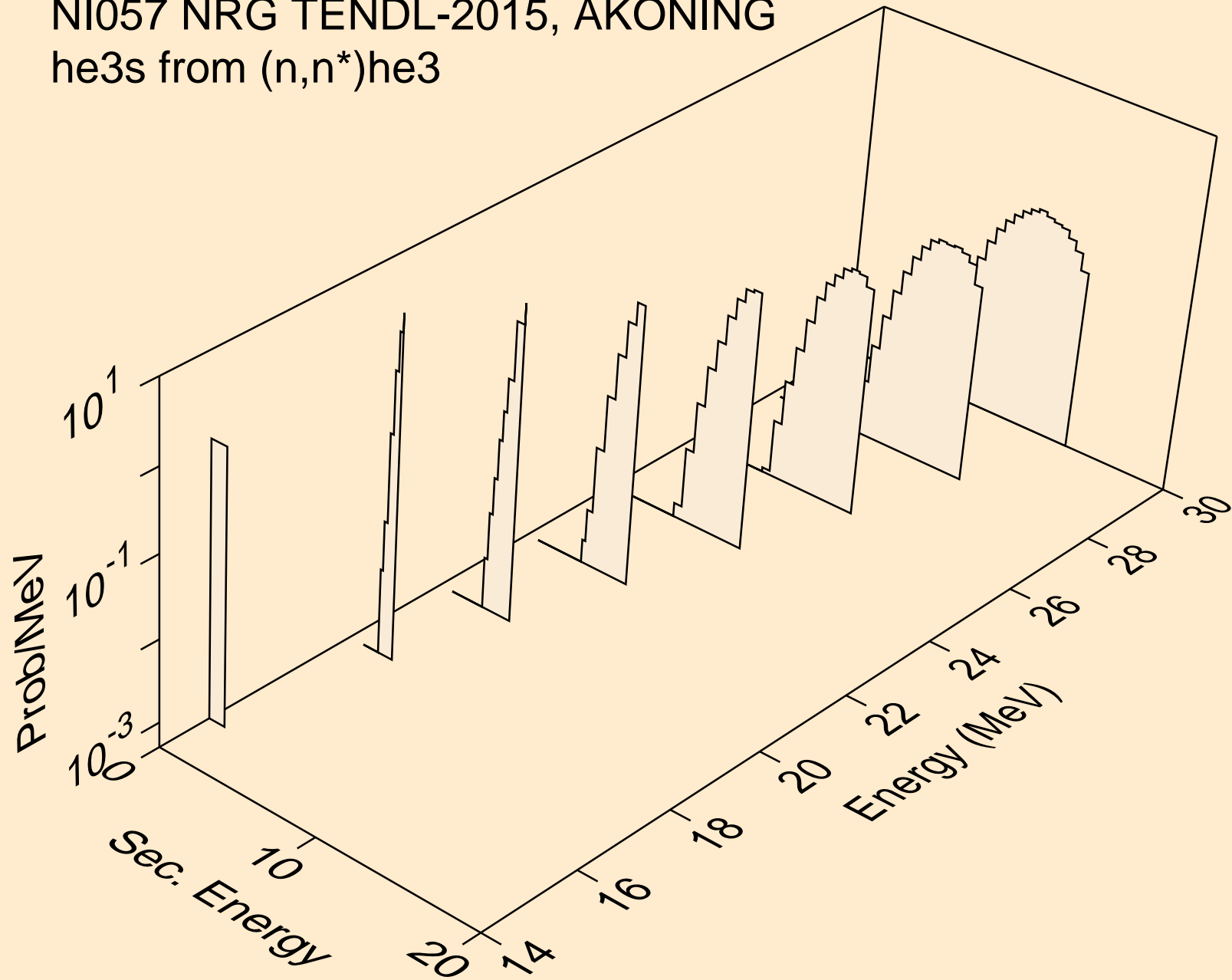
NI057 NRG TENDL-2015, AKONING  
tritons from (n,pt)



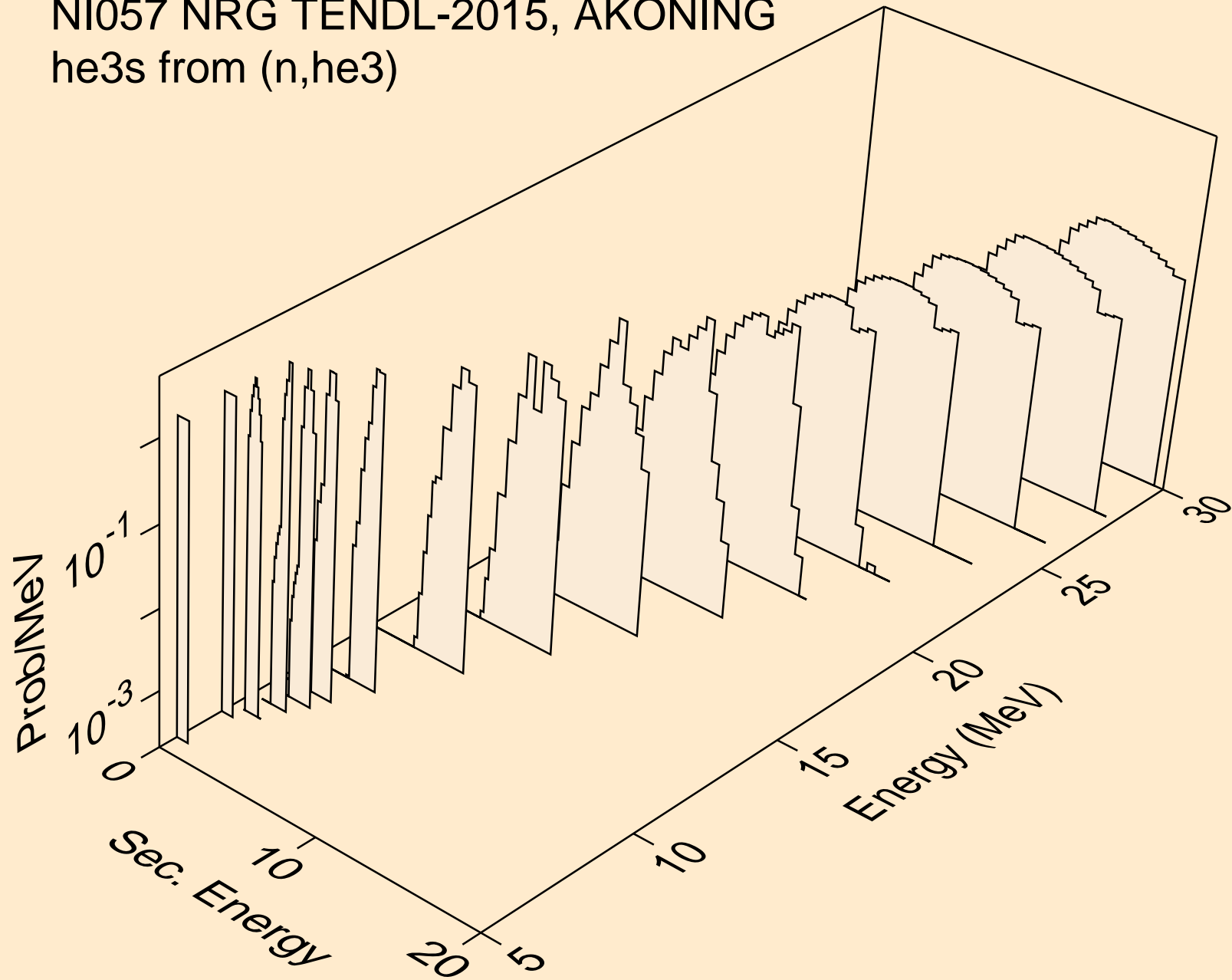
NI057 NRG TENDL-2015, AKONING  
he3s from (n,x)



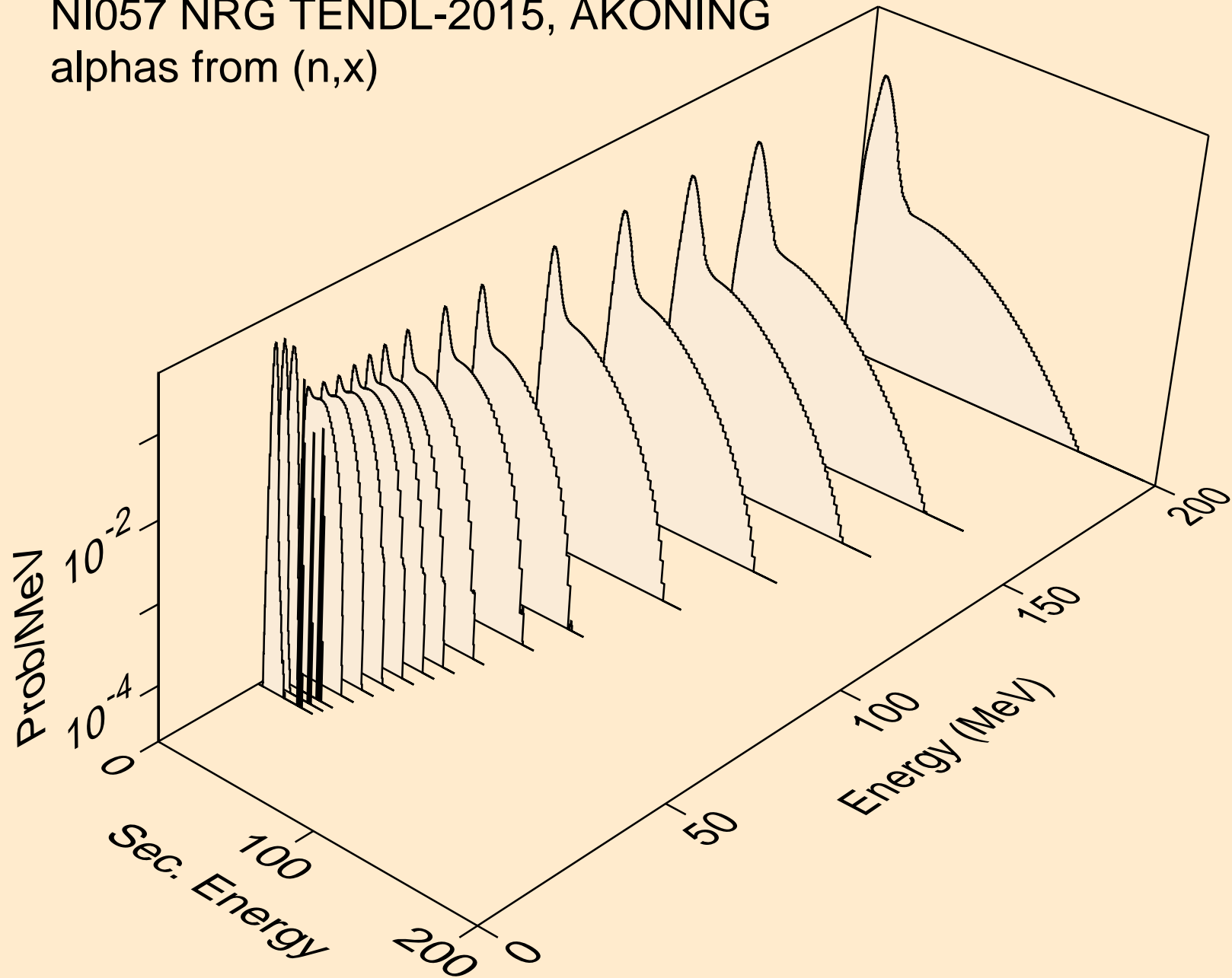
NI057 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



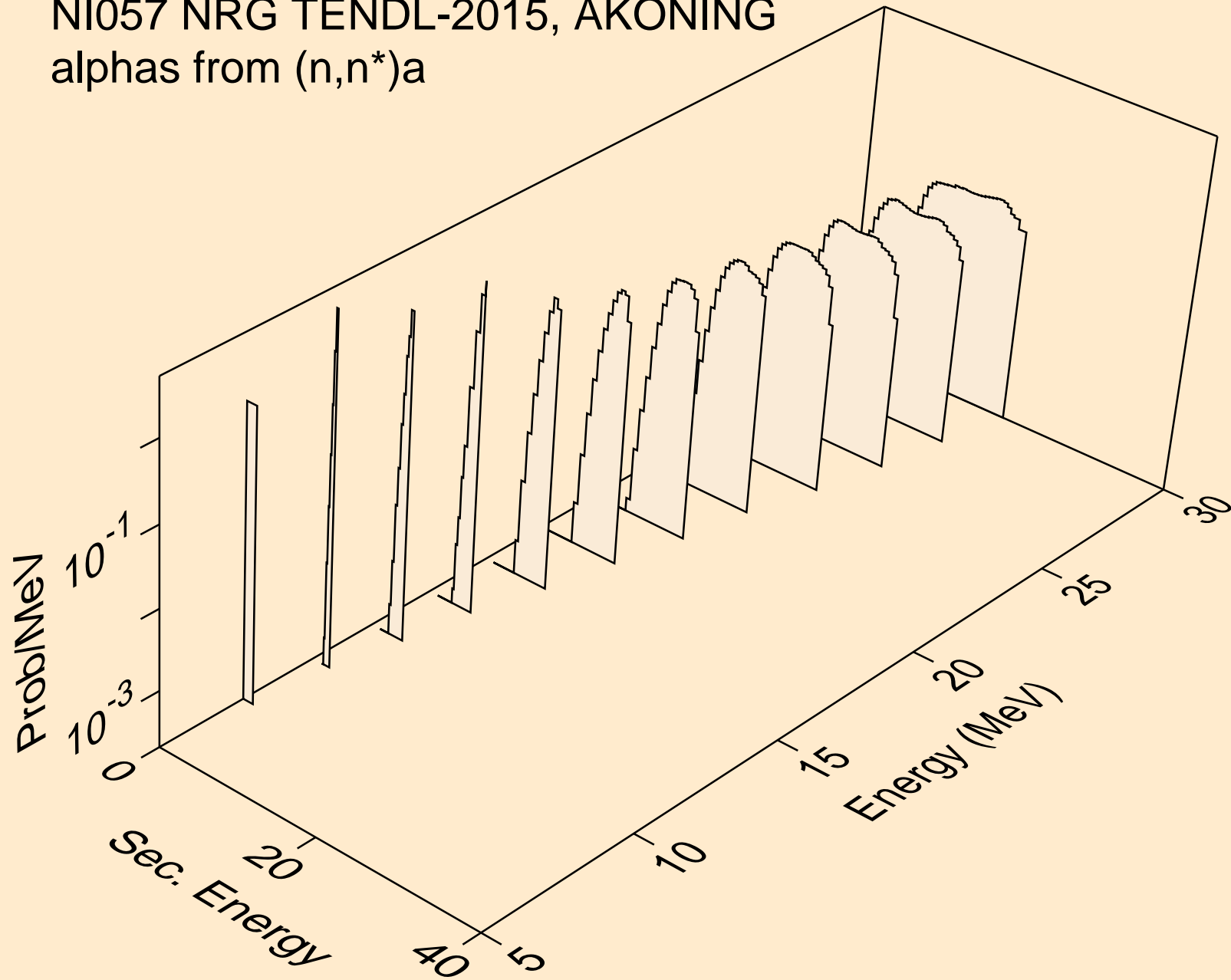
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he3s from (n,he3)



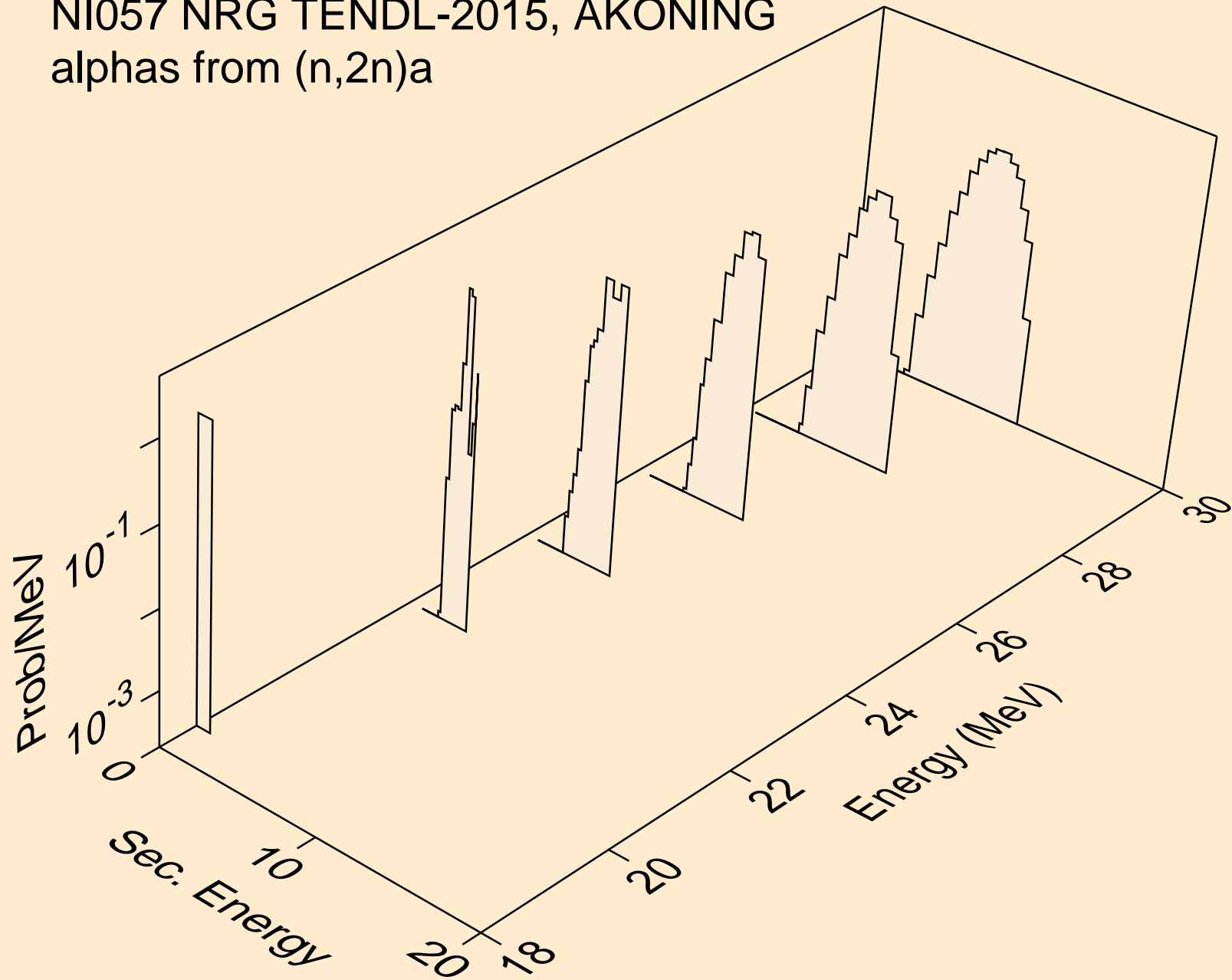
NI057 NRG TENDL-2015, AKONING  
alphas from (n,x)



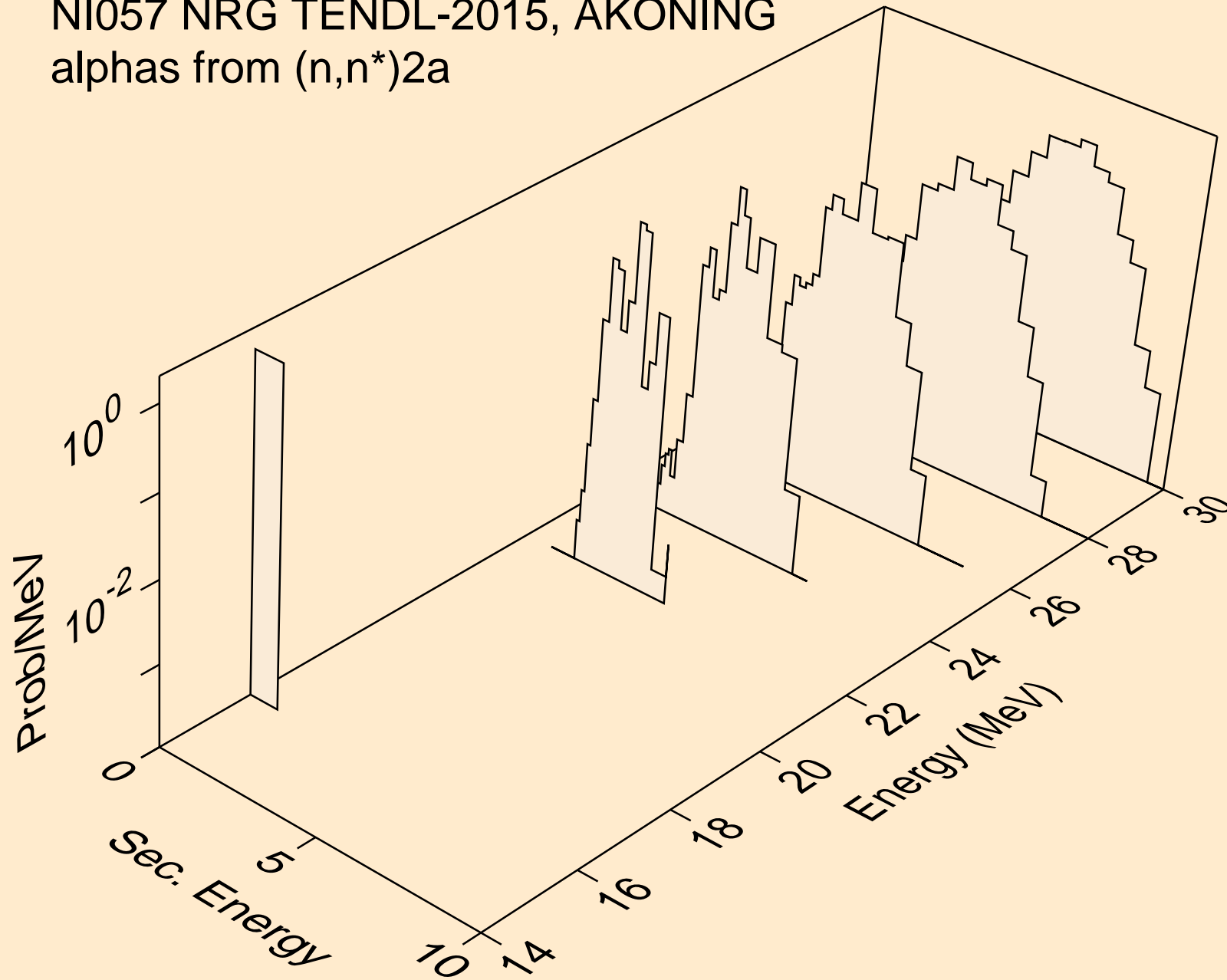
NI057 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



NI057 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

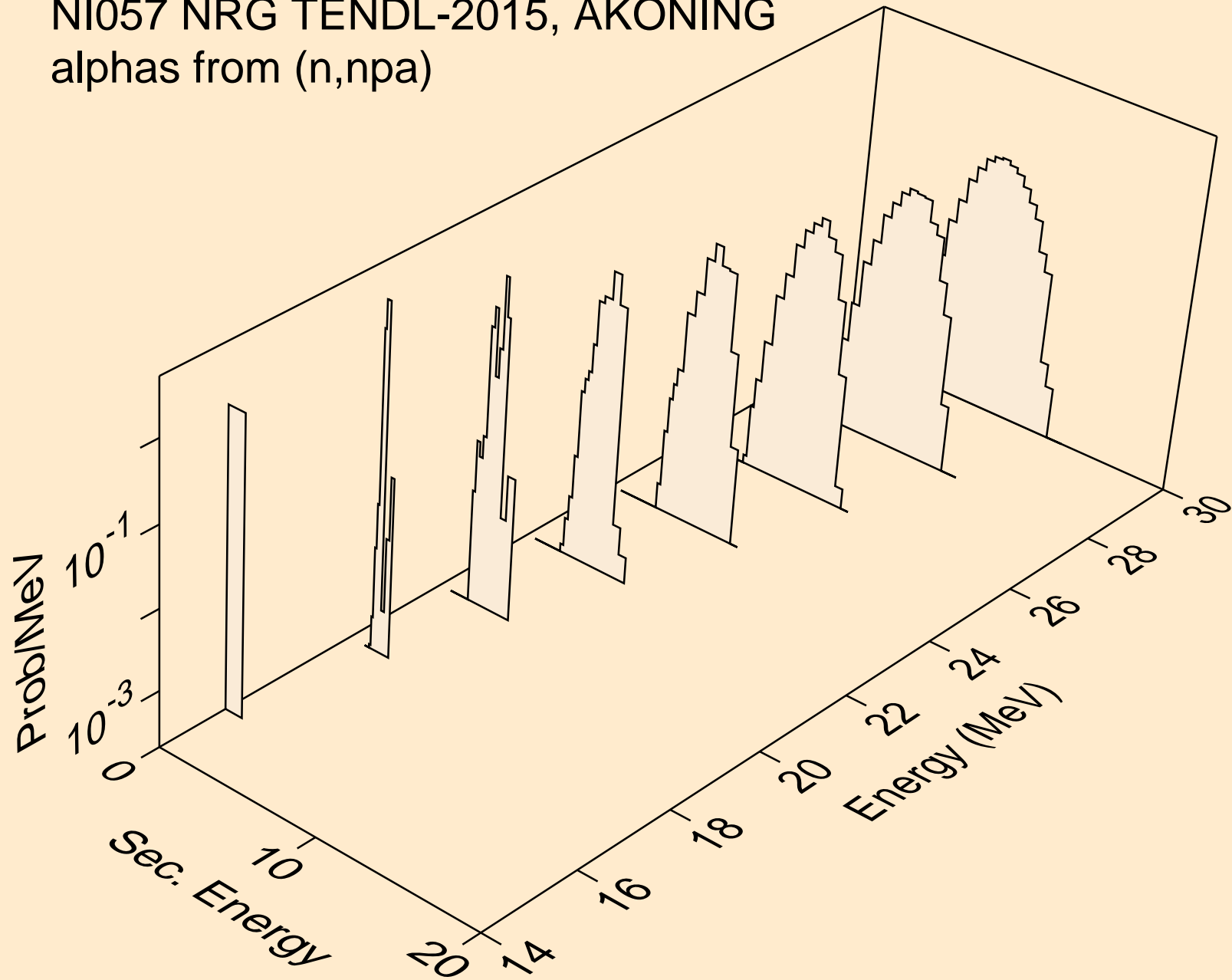


NI057 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

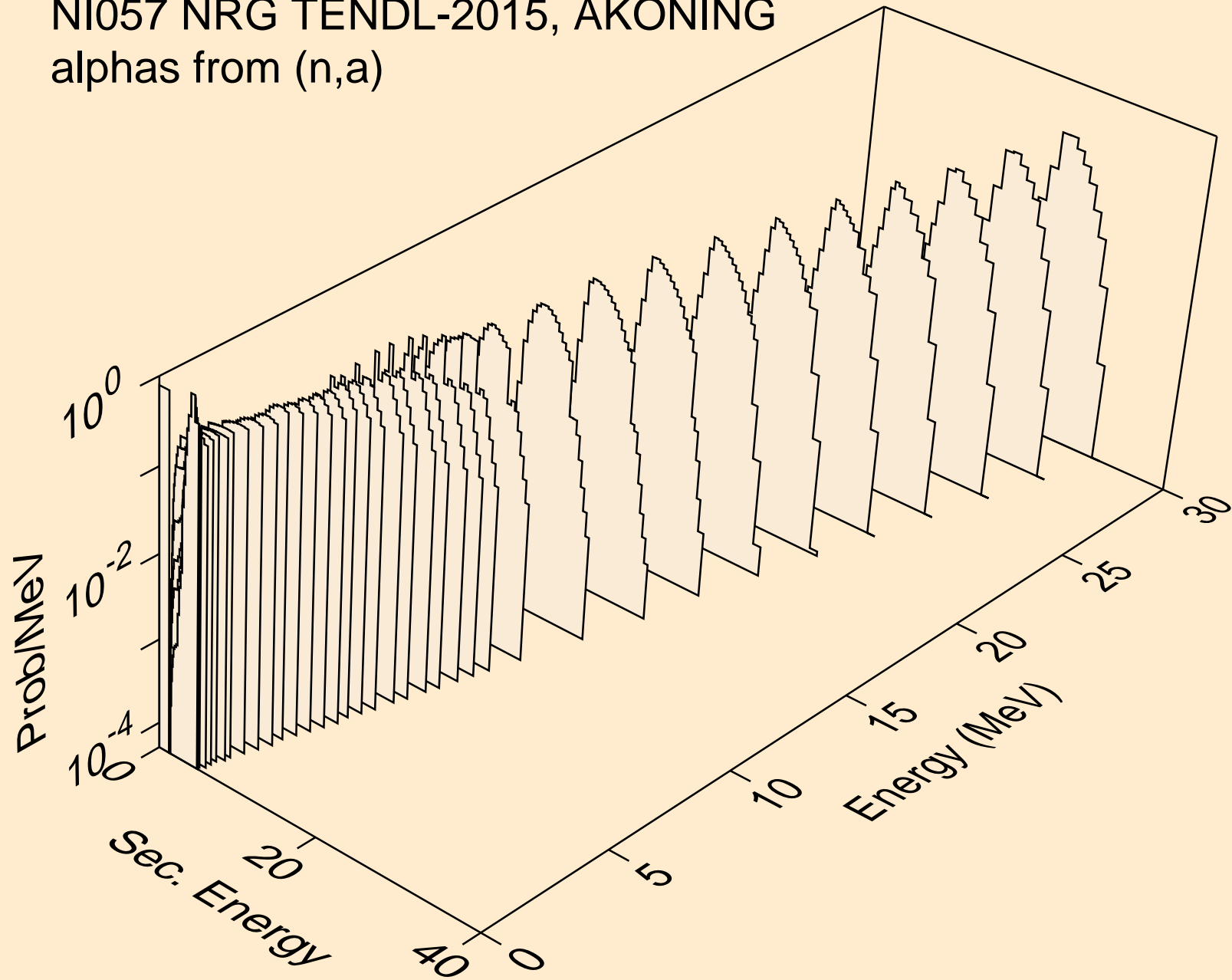




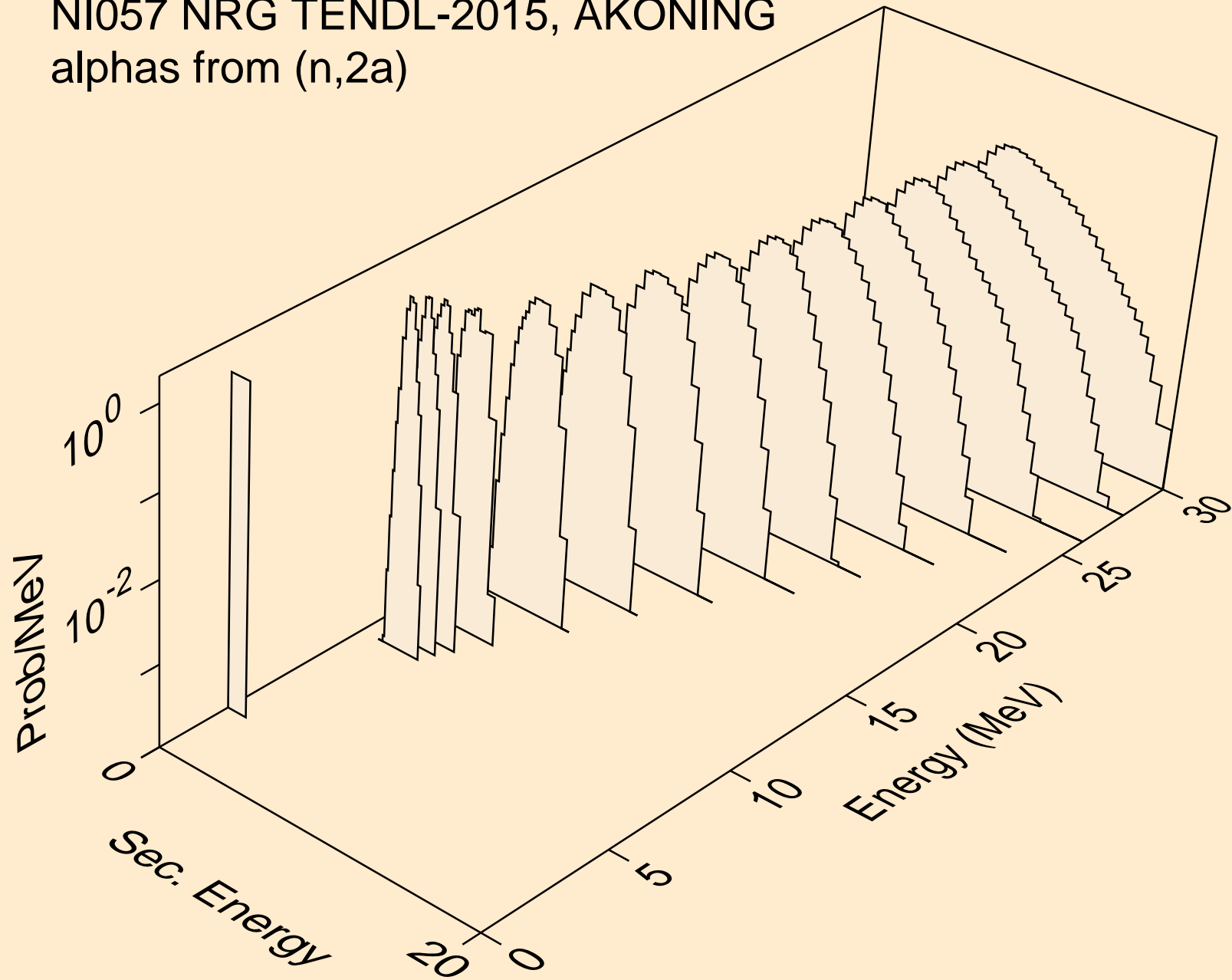
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alphas from (n,npa)



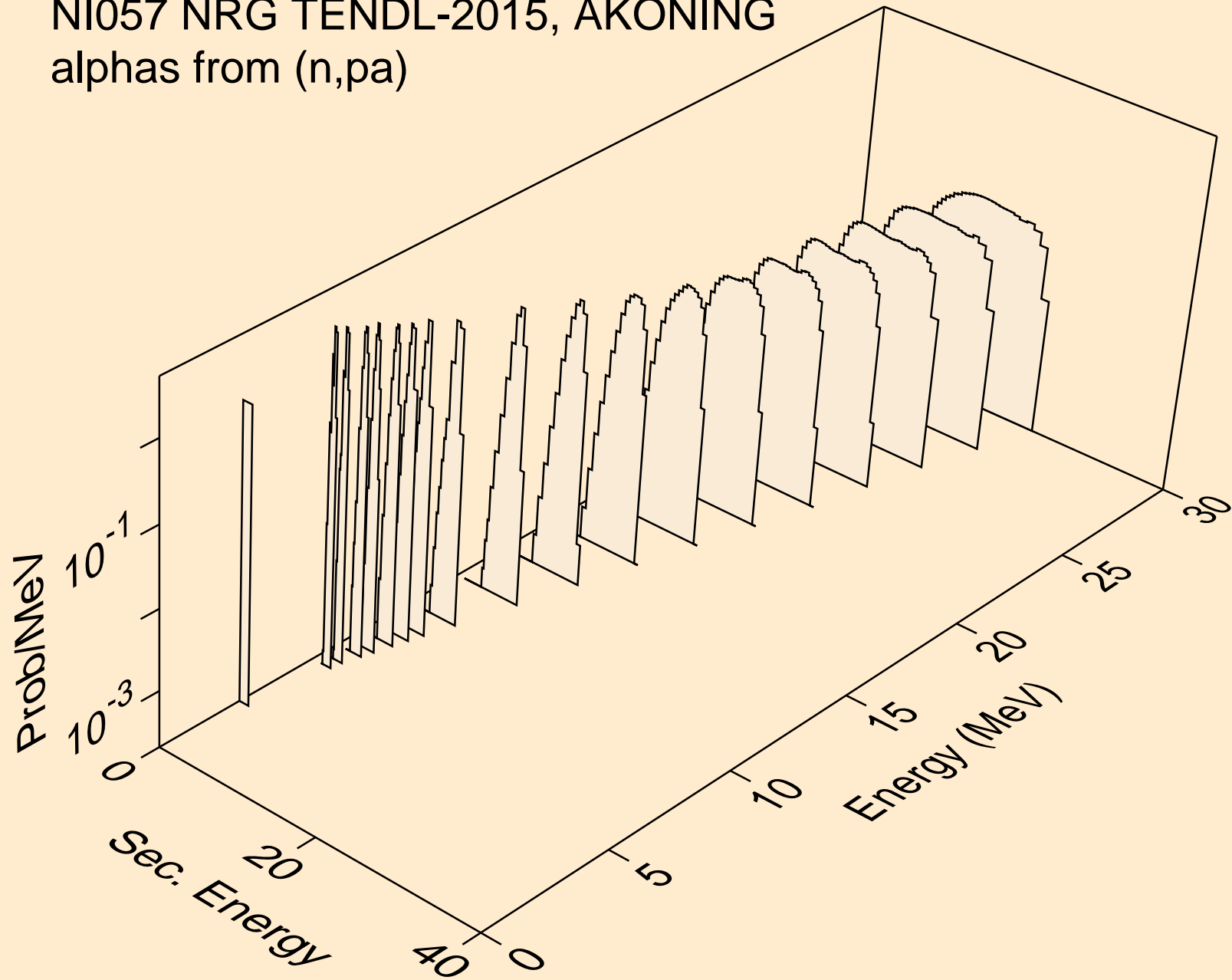
NI057 NRG TENDL-2015, AKONING  
alphas from (n,a)



NI057 NRG TENDL-2015, AKONING  
alphas from (n,2a)



NI057 NRG TENDL-2015, AKONING  
alphas from (n,pa)



NI057 NRG TENDL-2015, AKONING  
alphas from (n,da)

