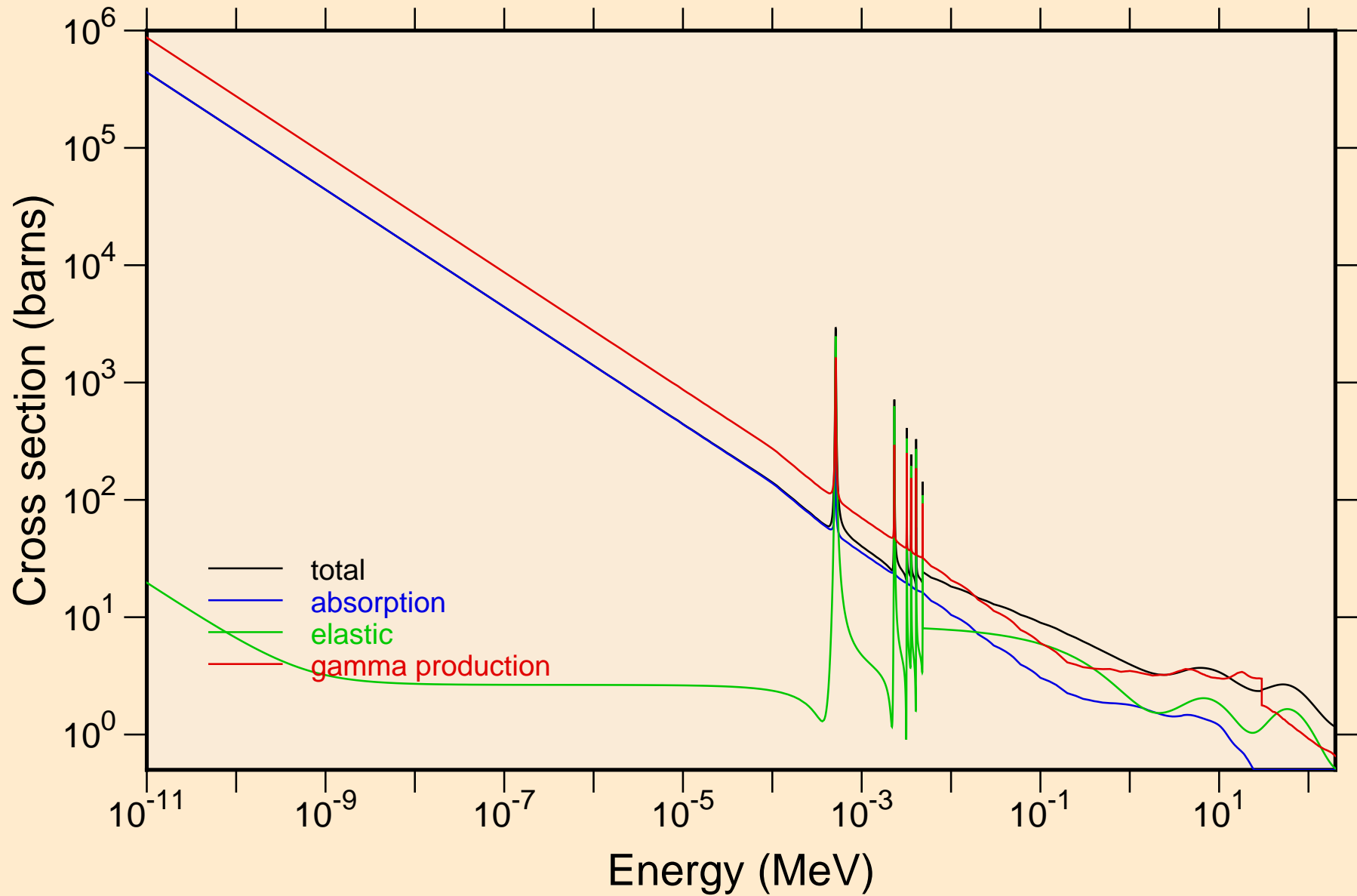


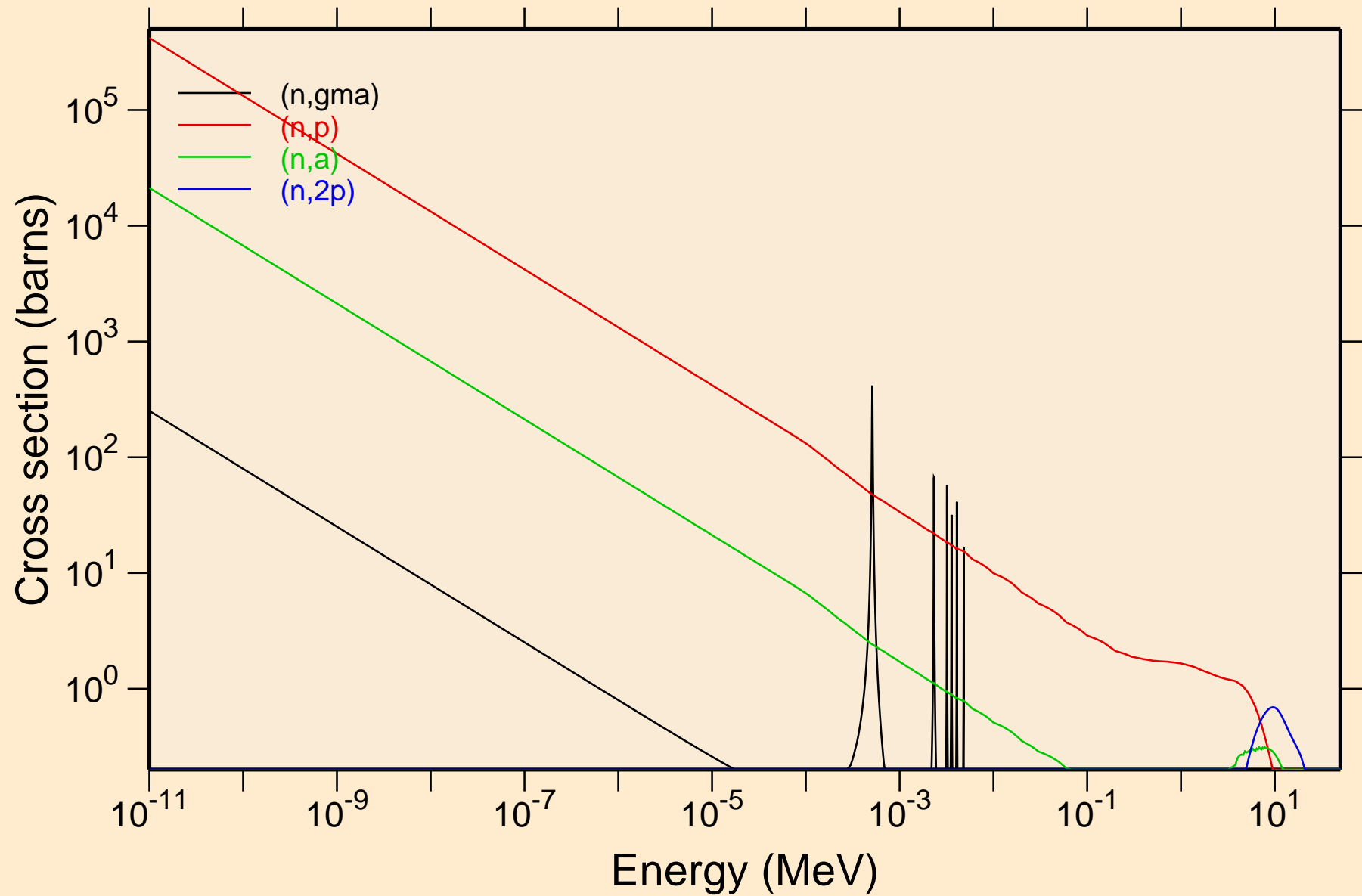
# ZN061 NRG TENDL-2015, AKONING

## Principal cross sections



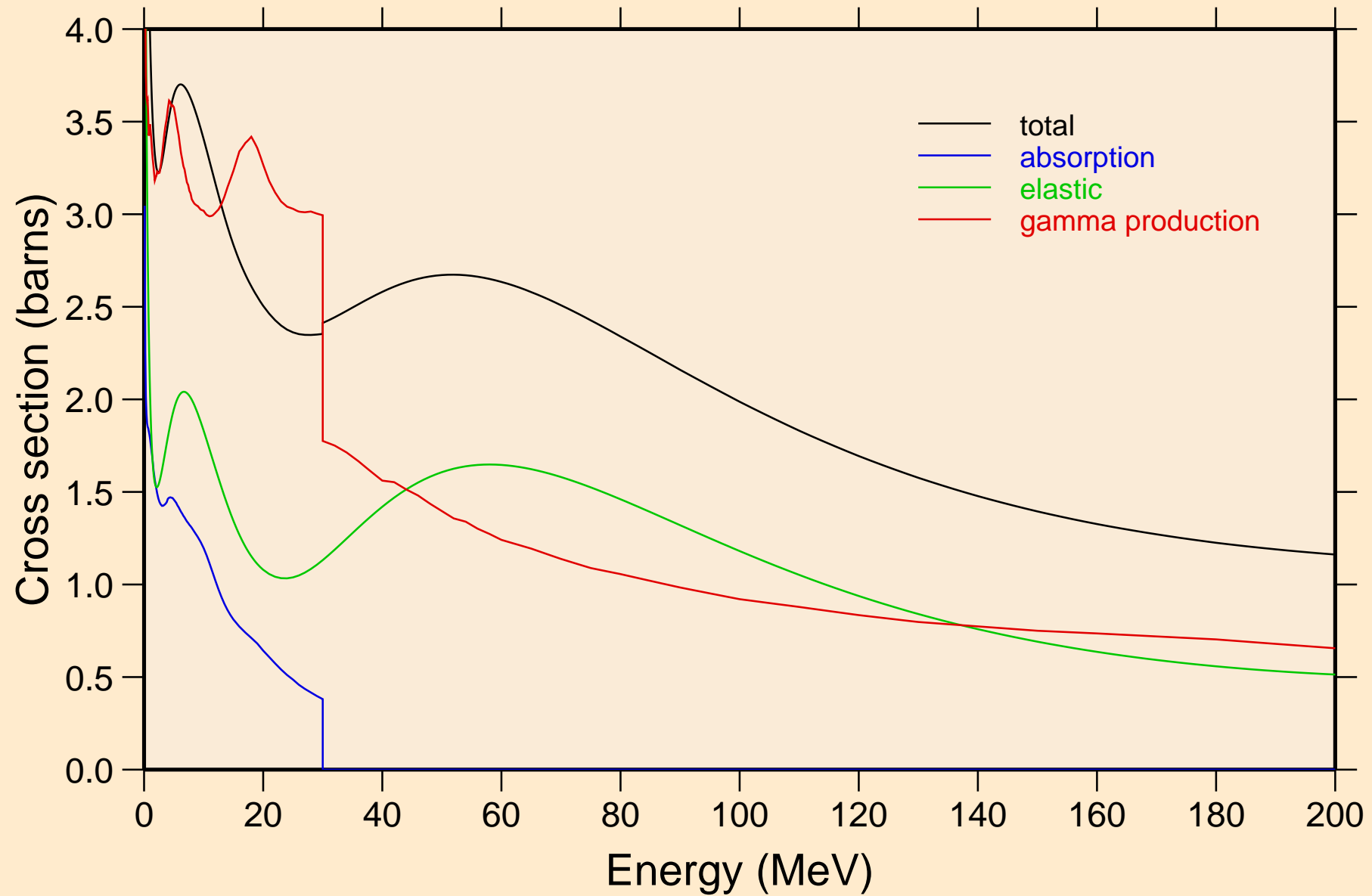
# ZN061 NRG TENDL-2015, AKONING

## Non-threshold reactions



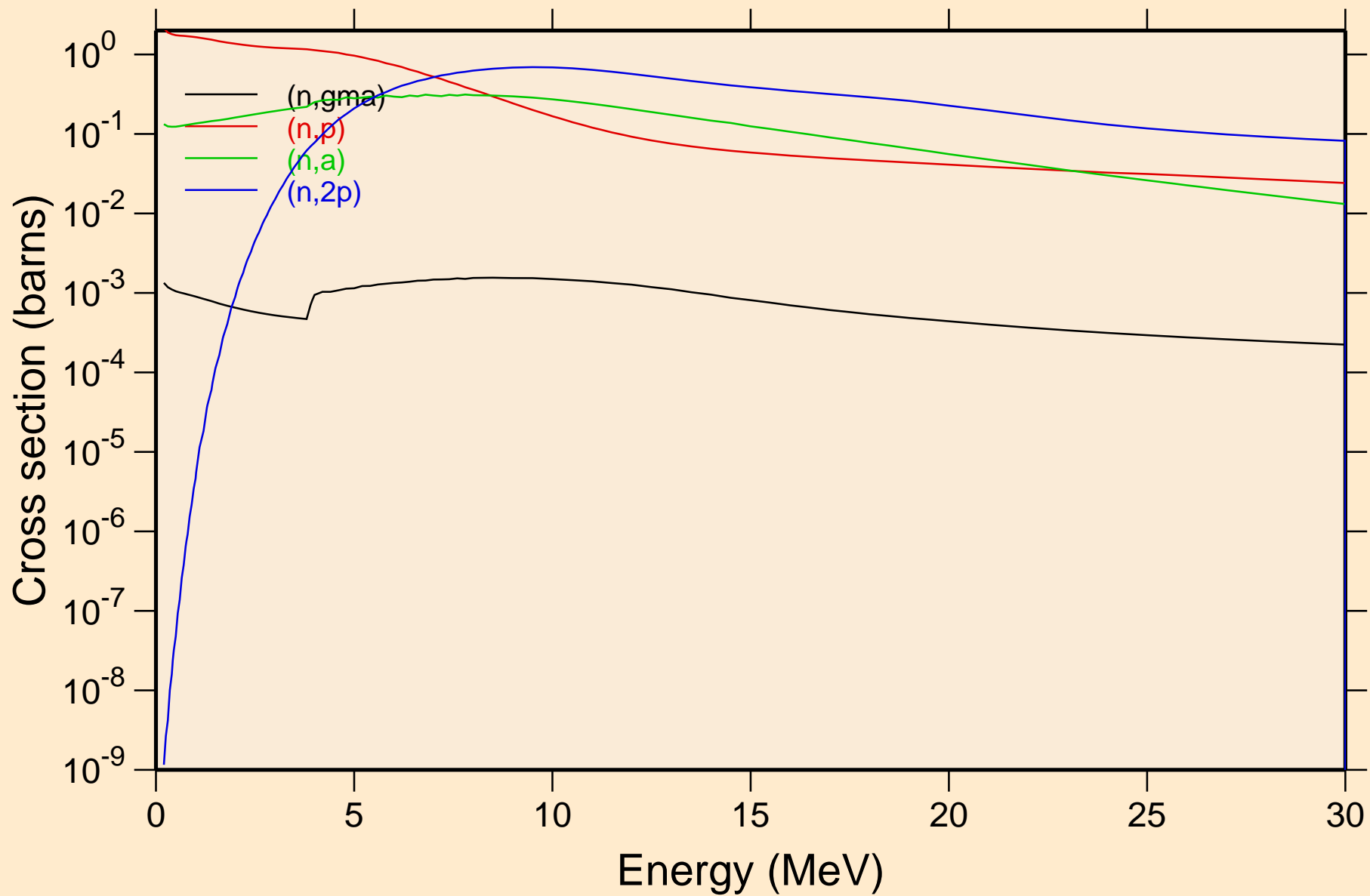
# ZN061 NRG TENDL-2015, AKONING

## Principal cross sections



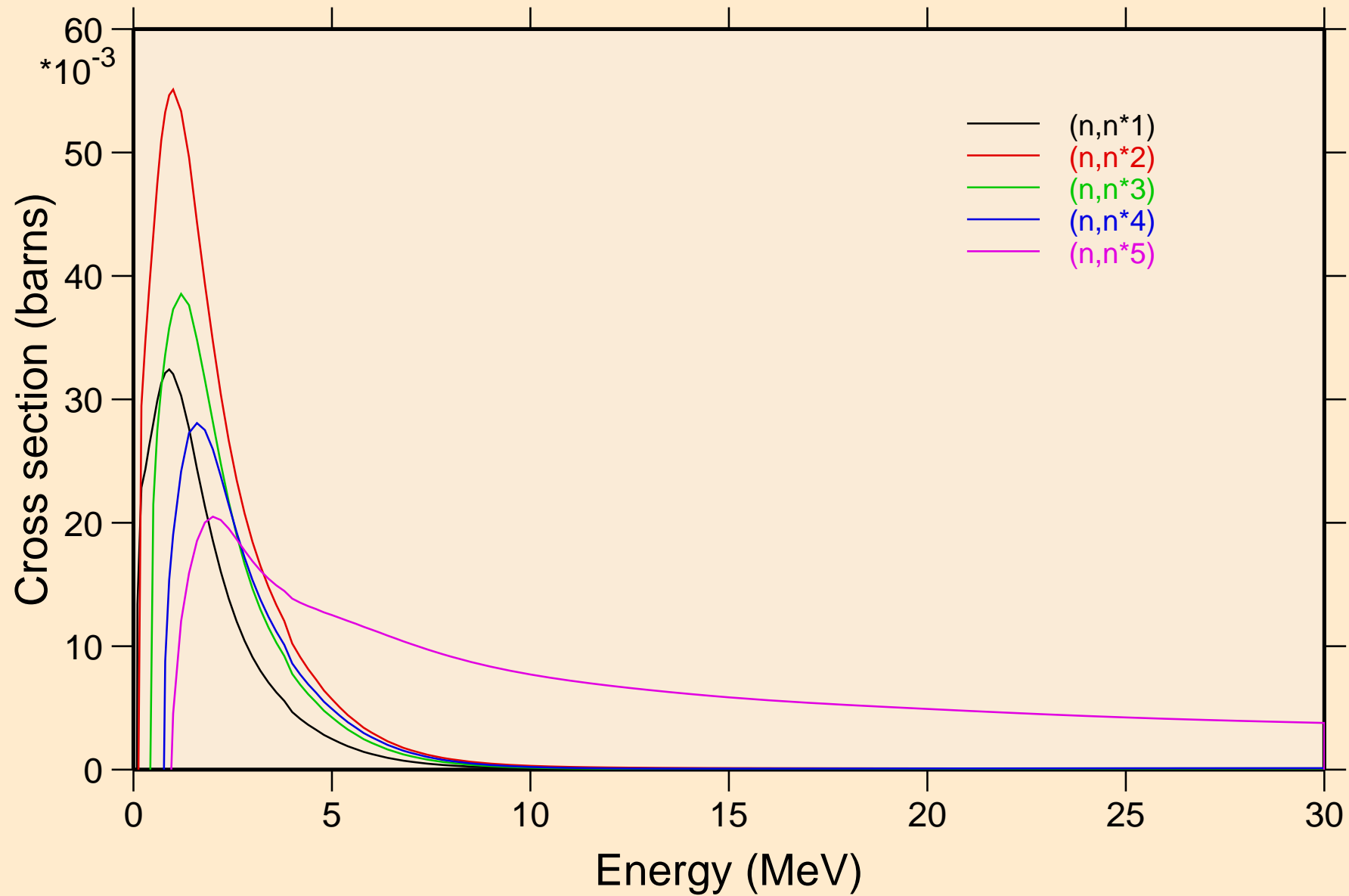
# ZN061 NRG TENDL-2015, AKONING

## Non-threshold reactions



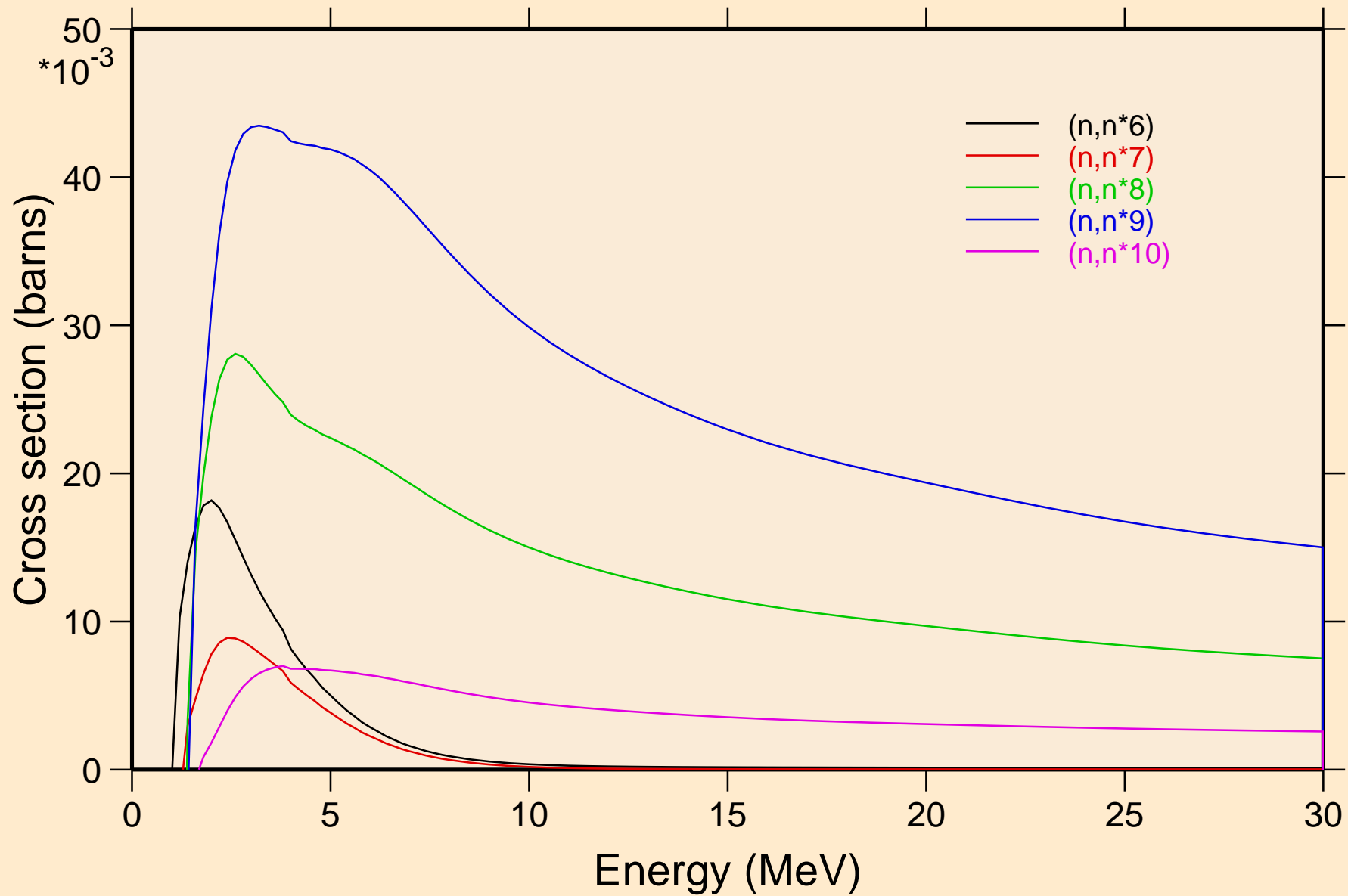
# ZN061 NRG TENDL-2015, AKONING

## Inelastic levels

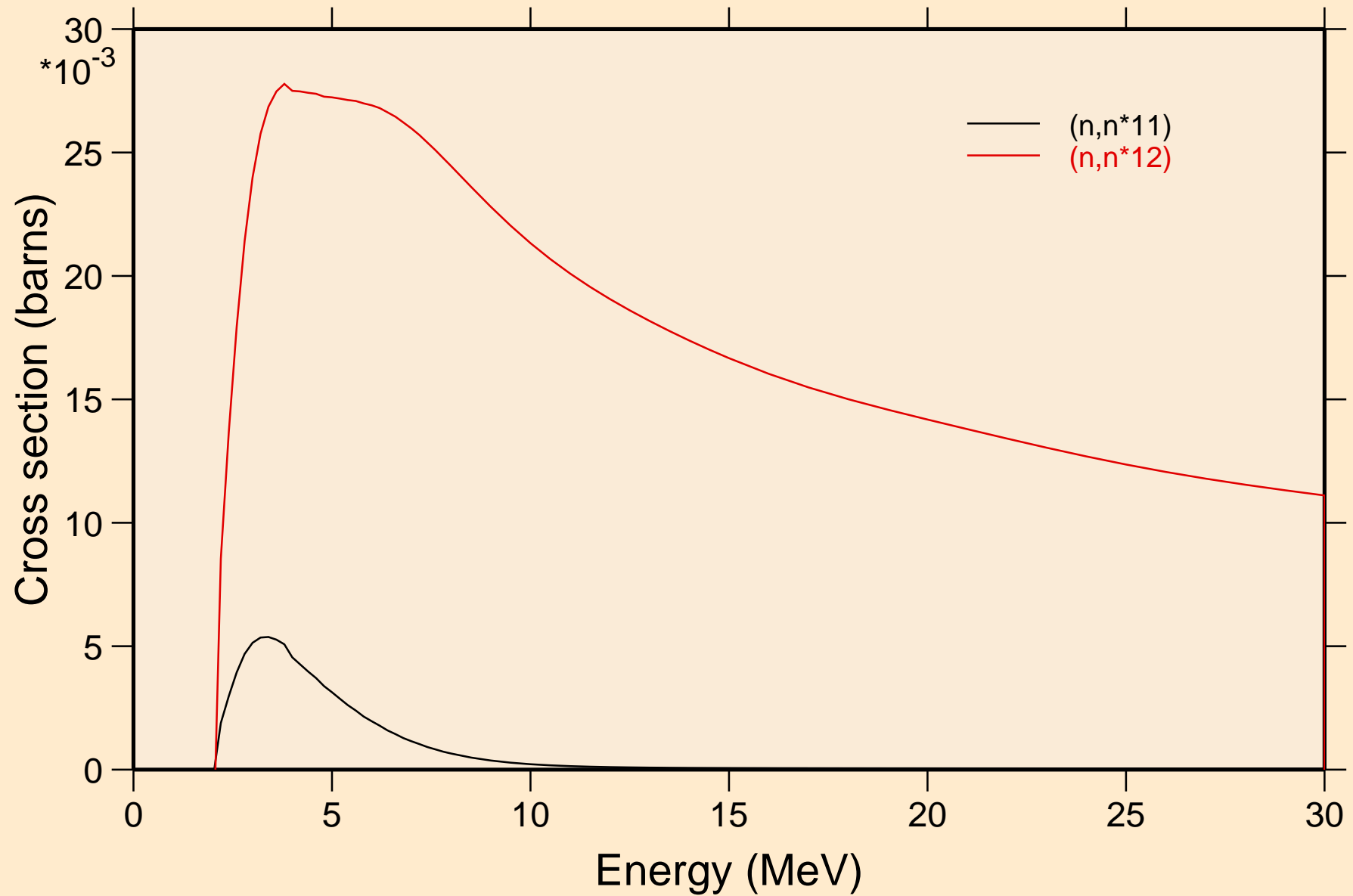


# ZN061 NRG TENDL-2015, AKONING

## Inelastic levels

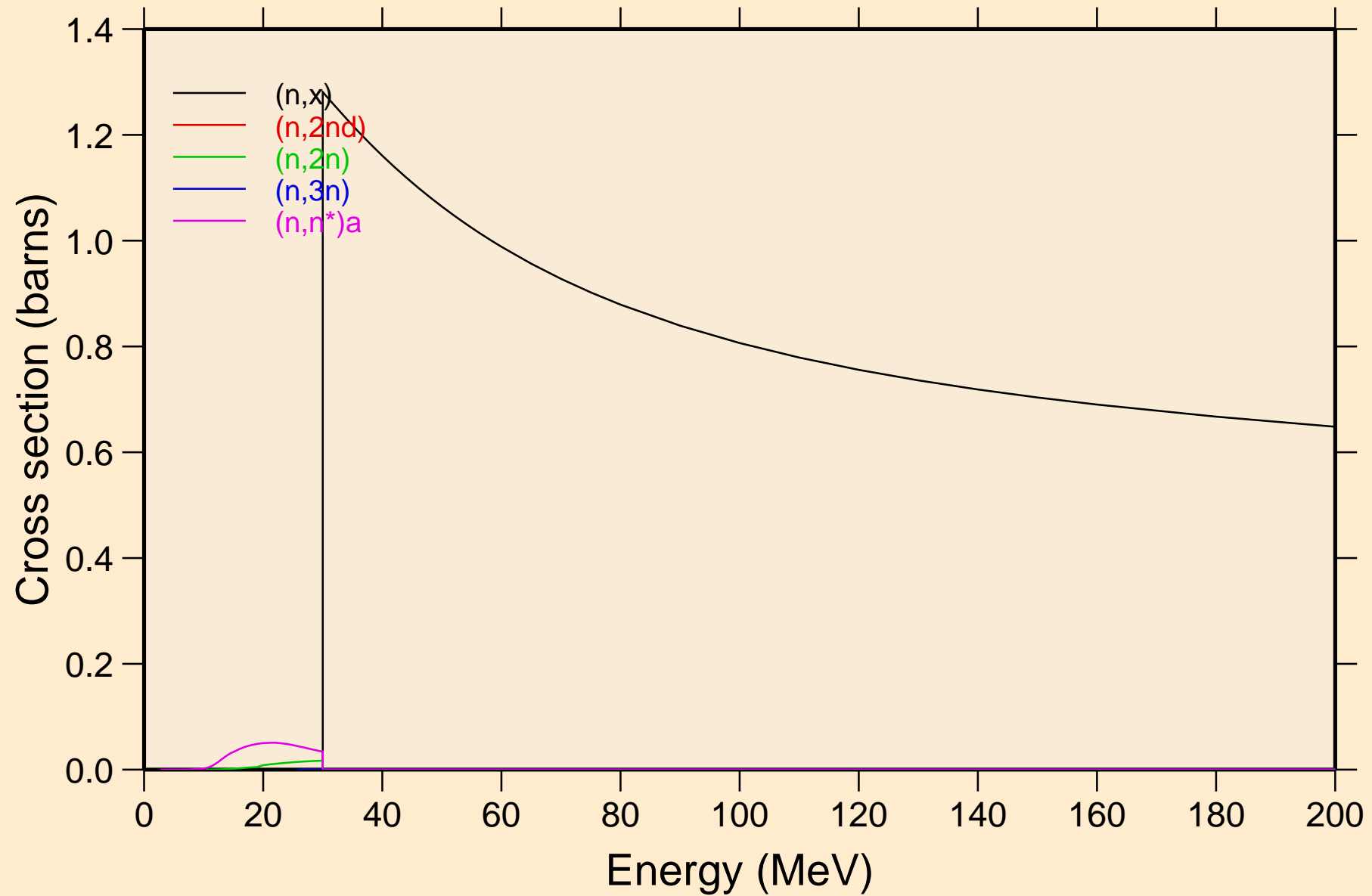


ZN061 NRG TENDL-2015, AKONING  
Inelastic levels



# ZN061 NRG TENDL-2015, AKONING

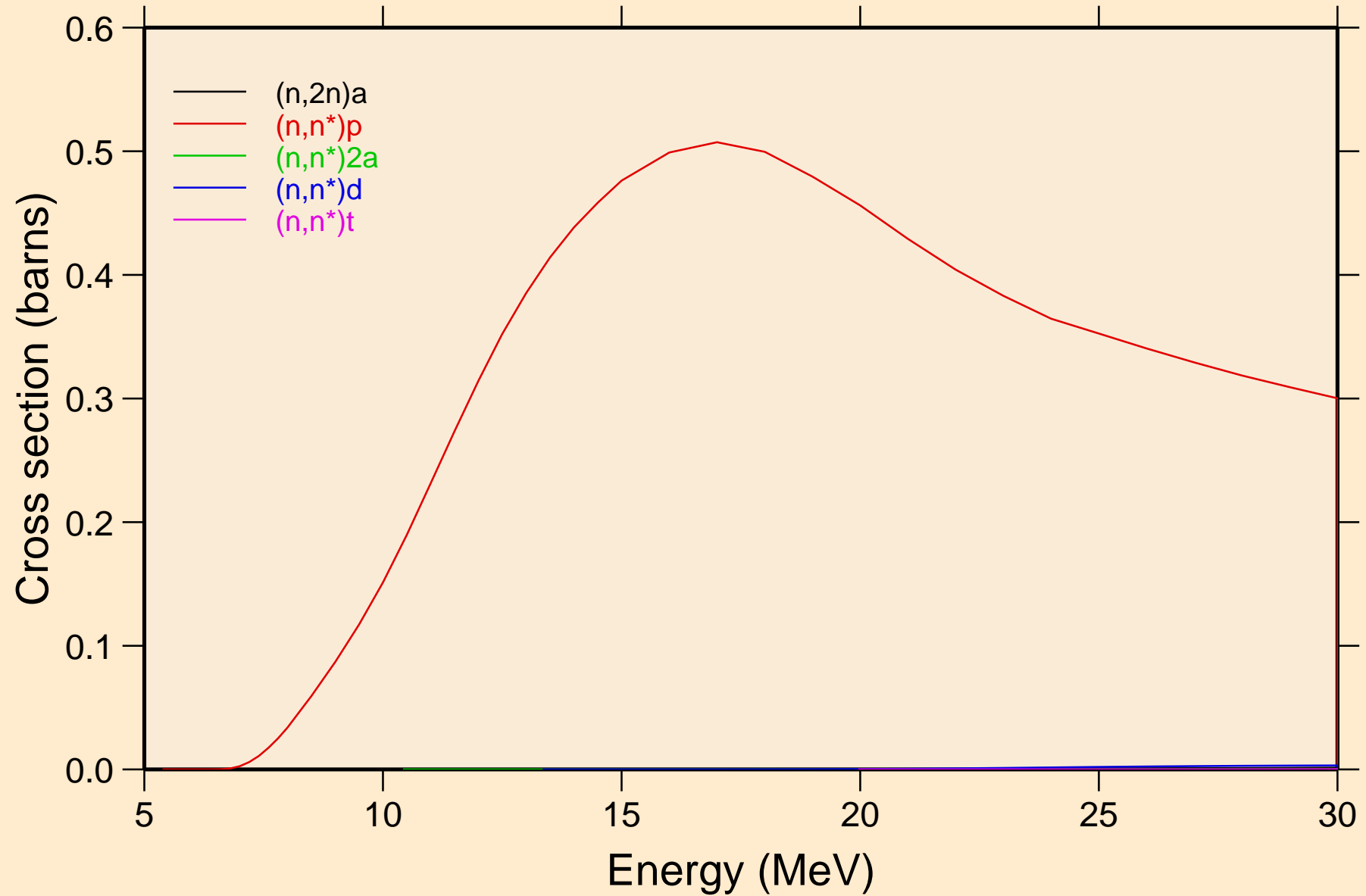
## Threshold reactions





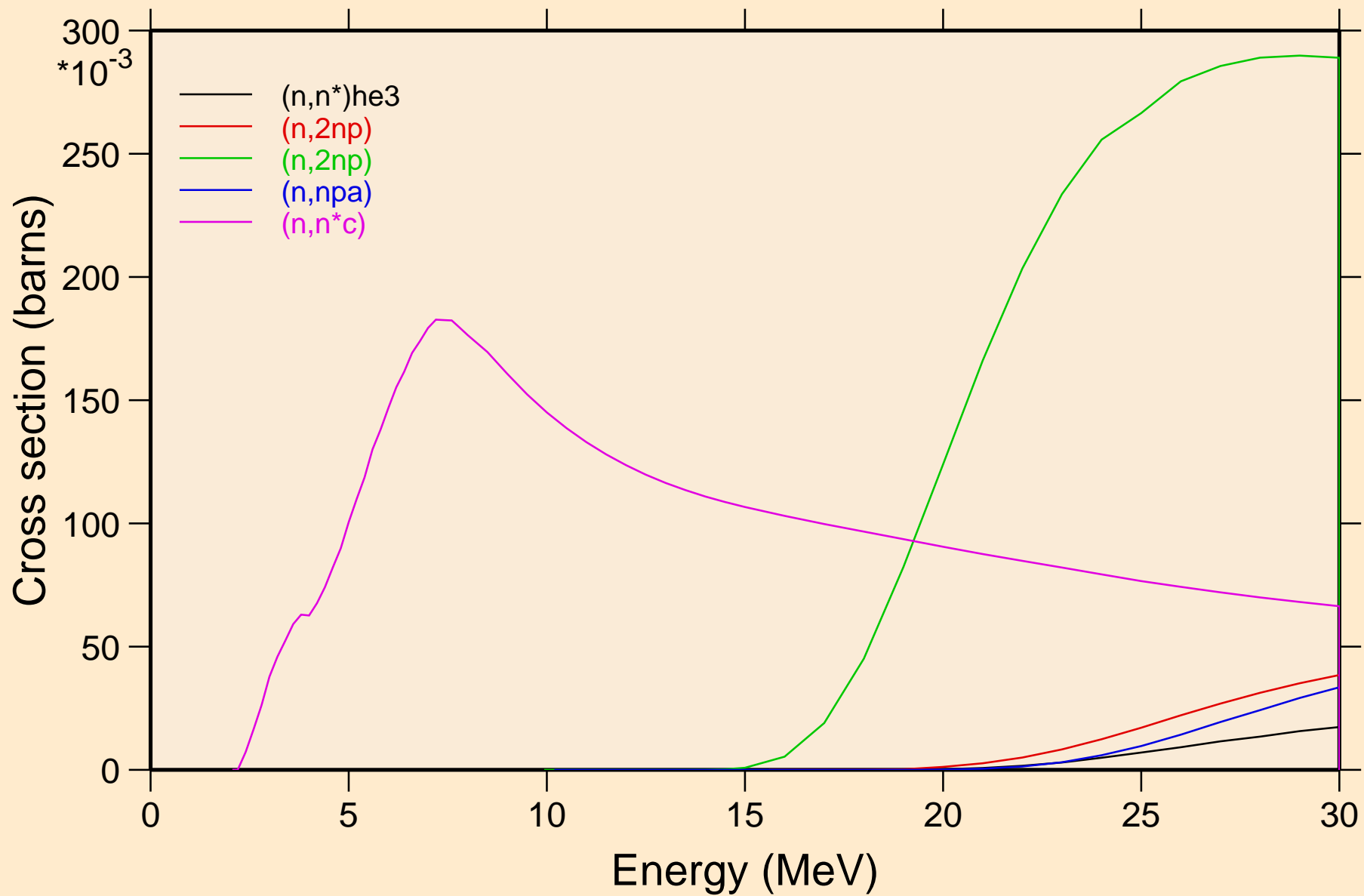
# ZN061 NRG TENDL-2015, AKONING

## Threshold reactions



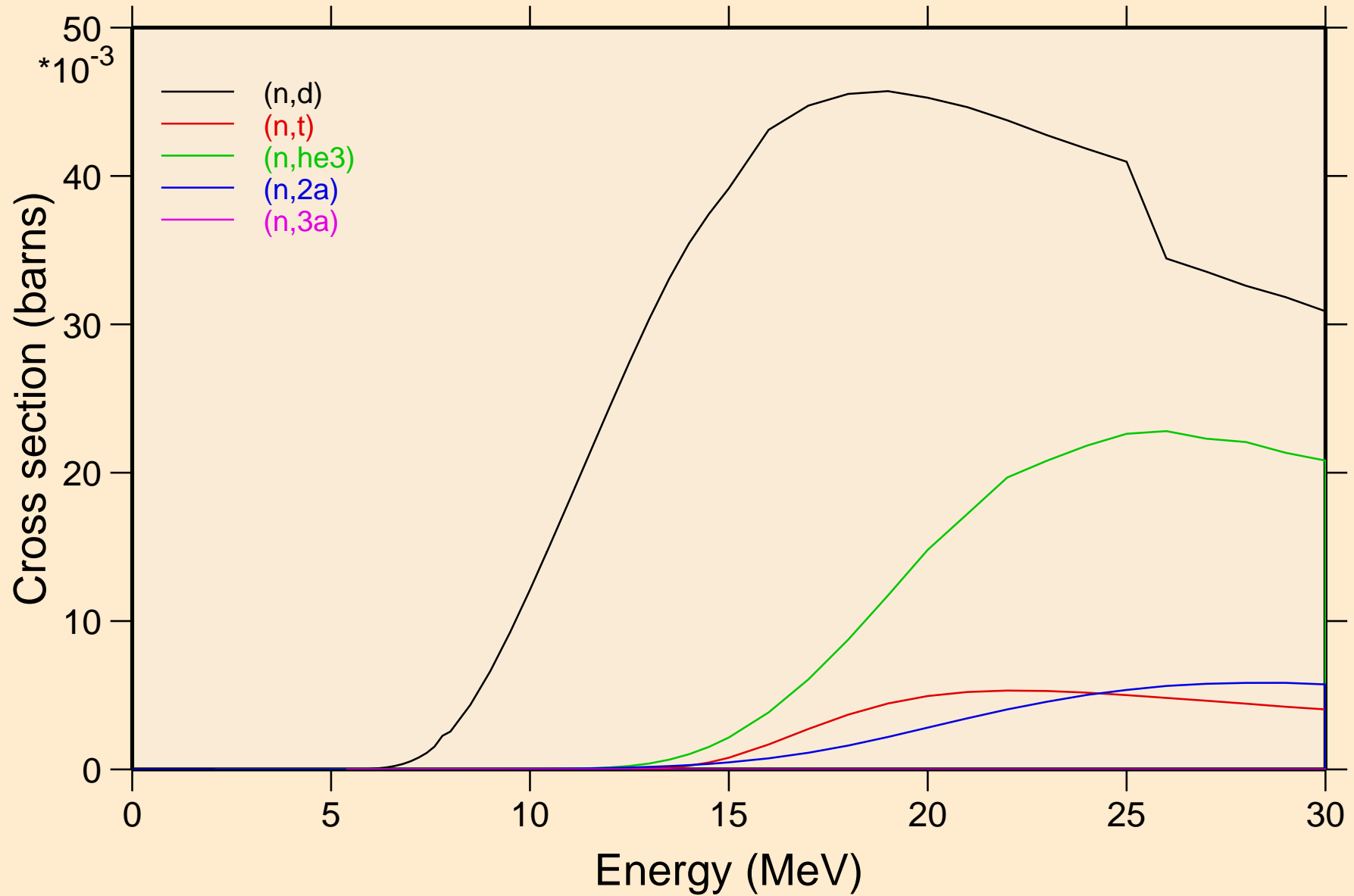
# ZN061 NRG TENDL-2015, AKONING

## Threshold reactions



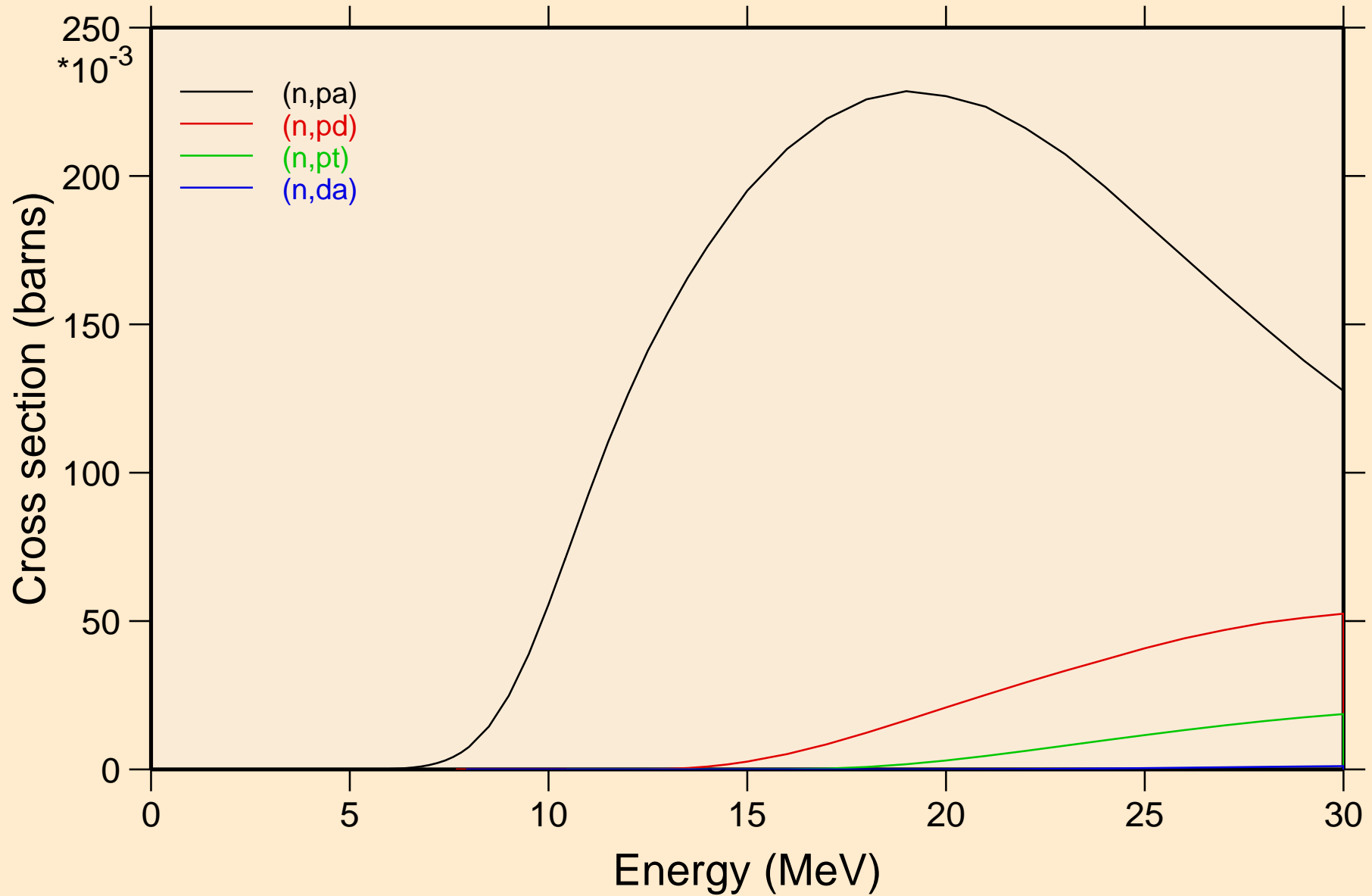
# ZN061 NRG TENDL-2015, AKONING

## Threshold reactions

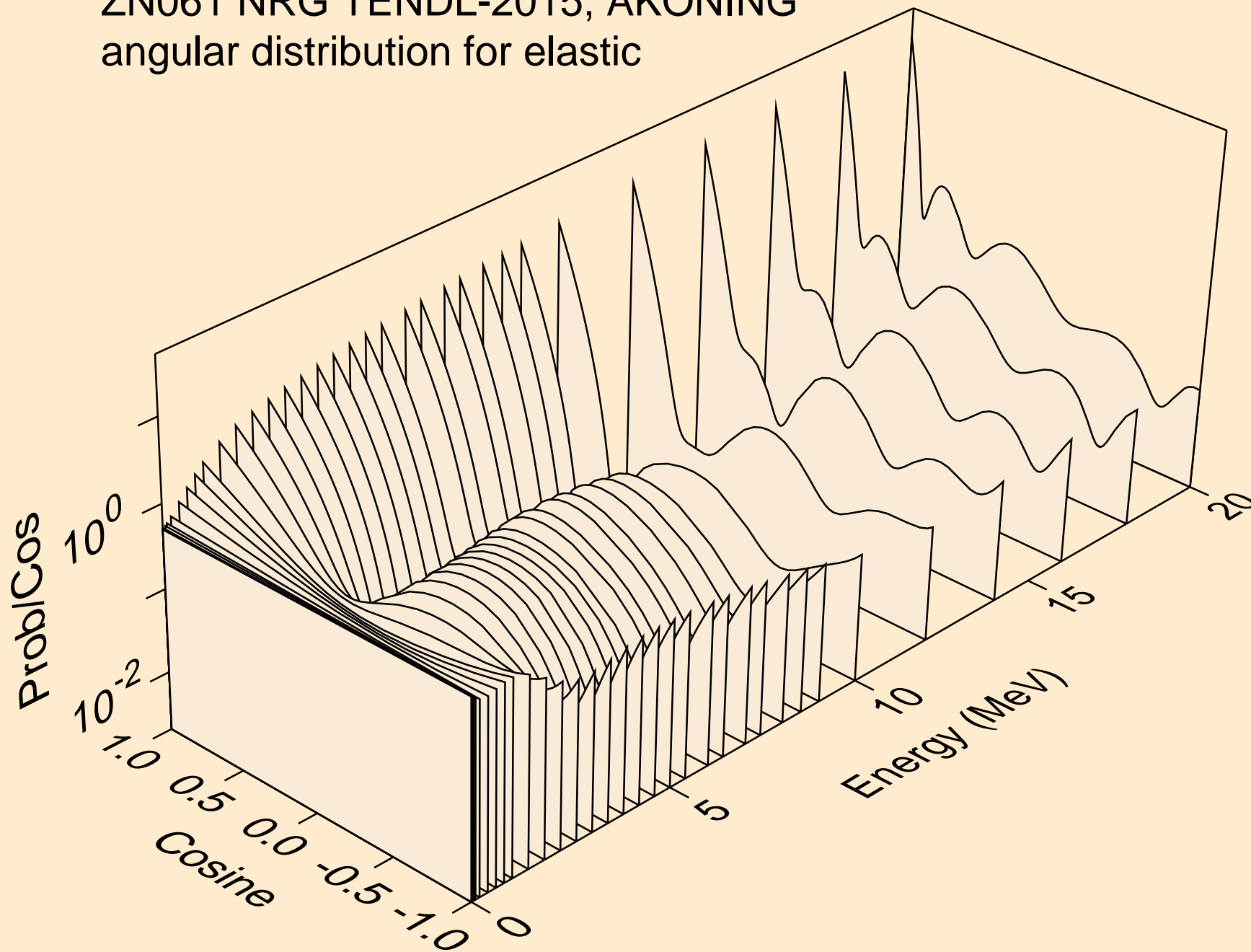


# ZN061 NRG TENDL-2015, AKONING

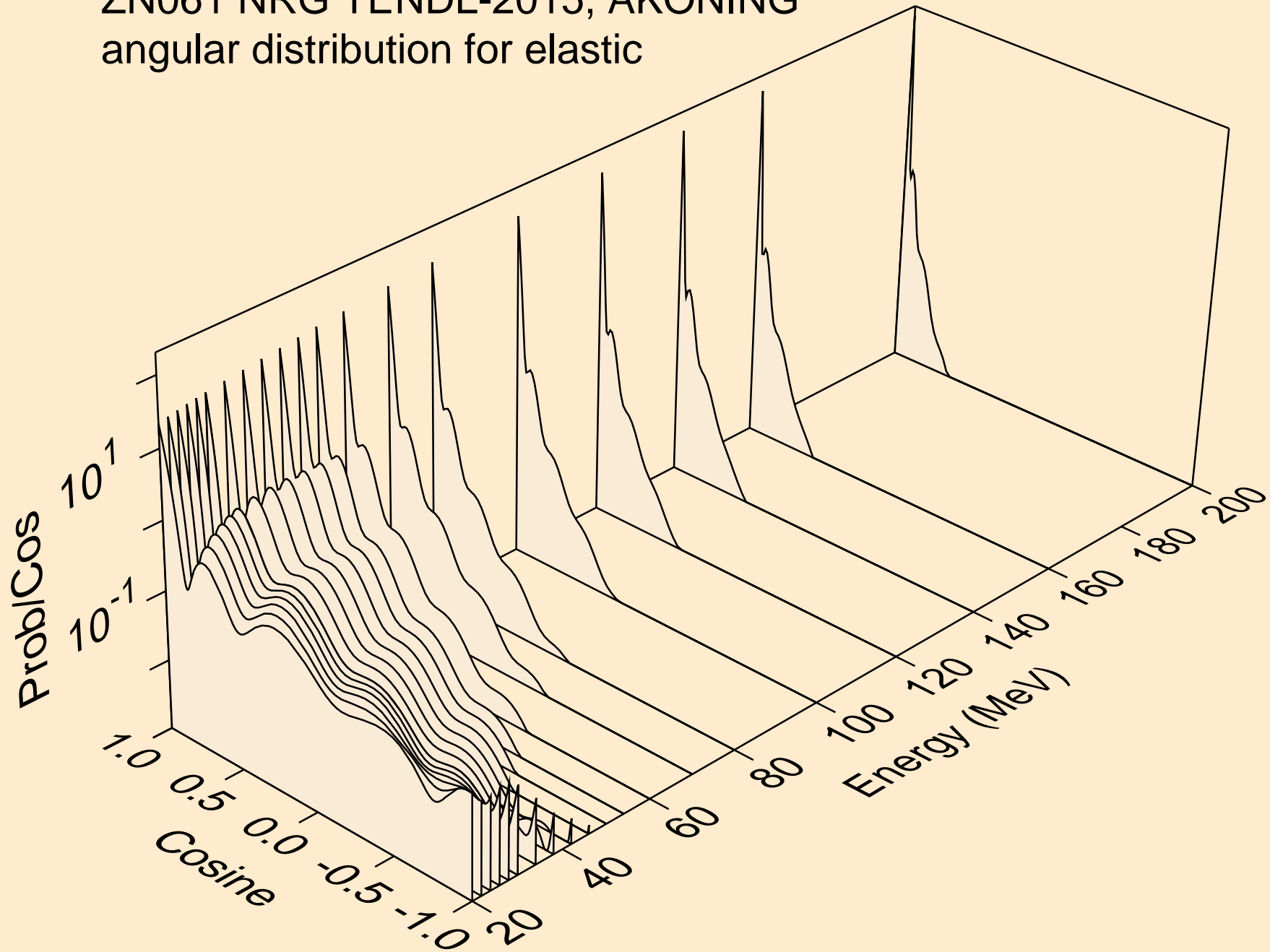
## Threshold reactions



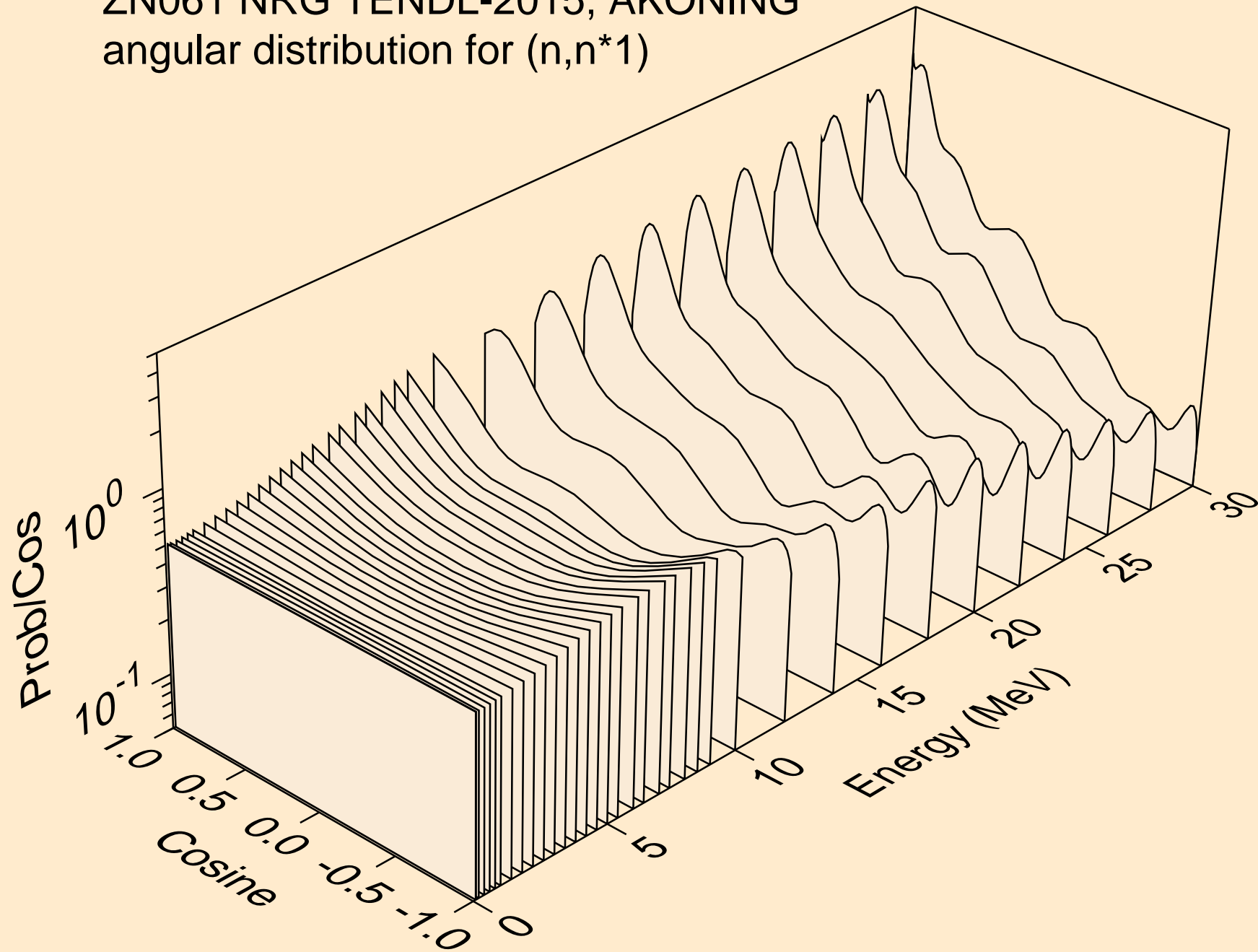
ZN061 NRG TENDL-2015, AKONING  
angular distribution for elastic



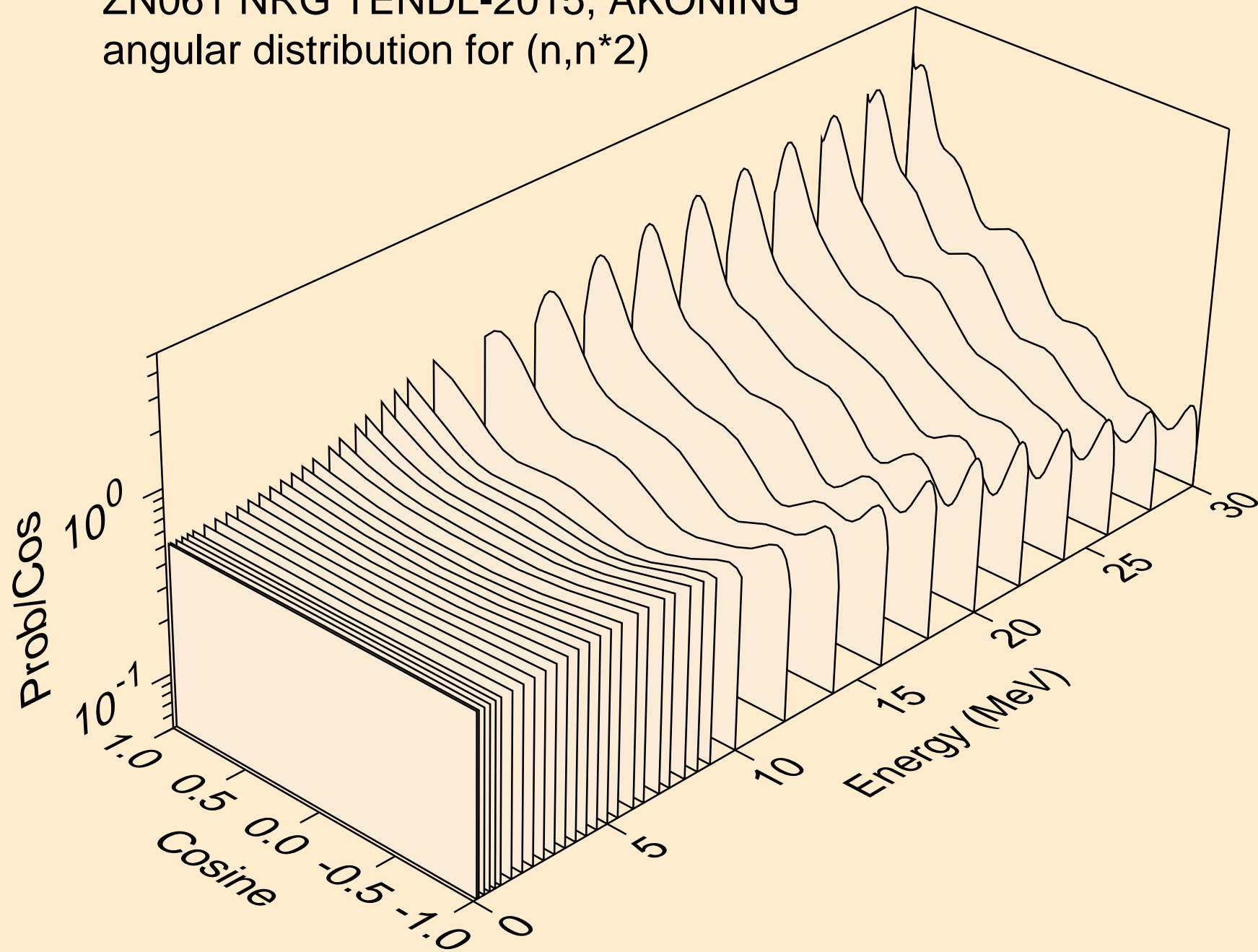
ZN061 NRG TENDL-2015, AKONING  
angular distribution for elastic



ZN061 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

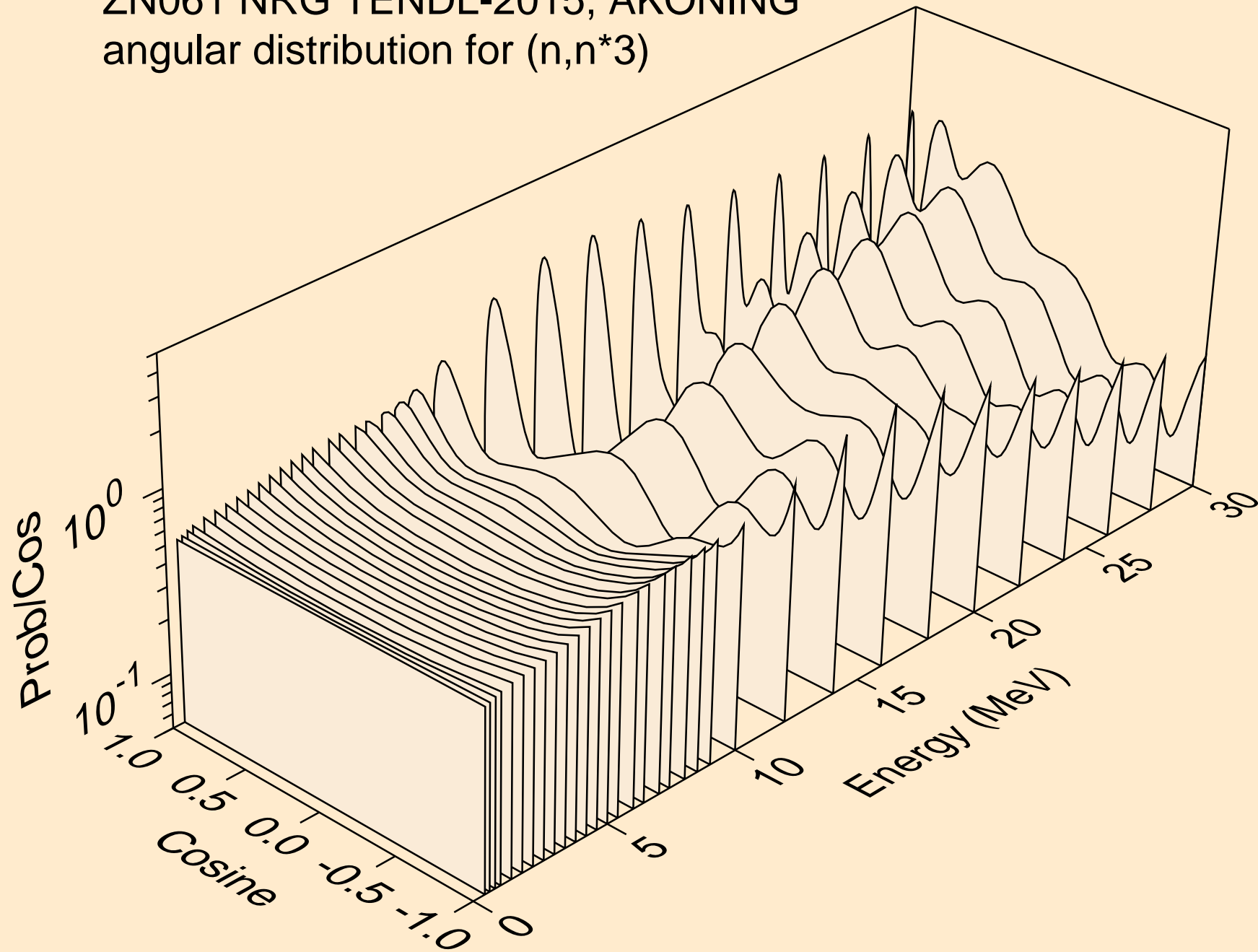


ZN061 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

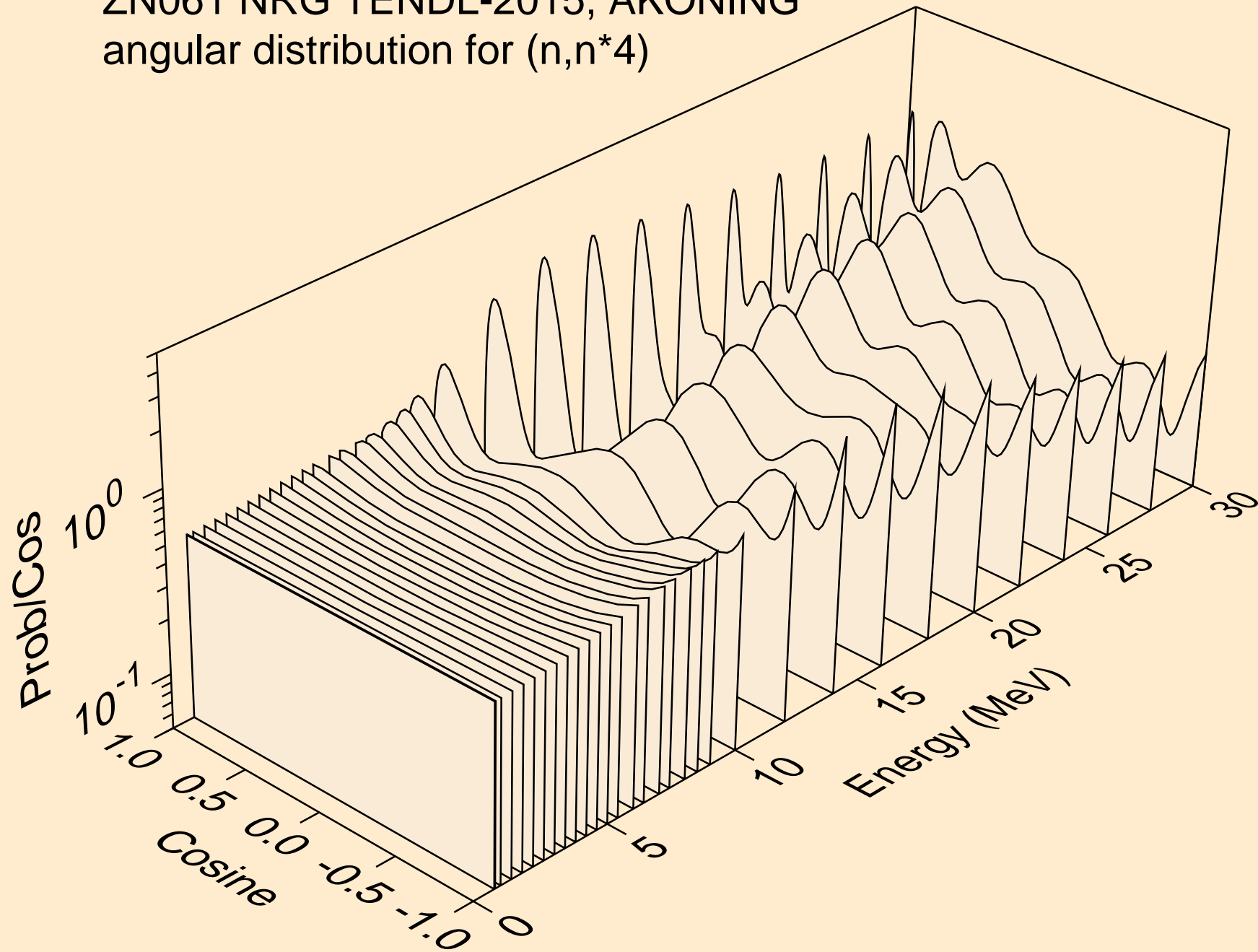




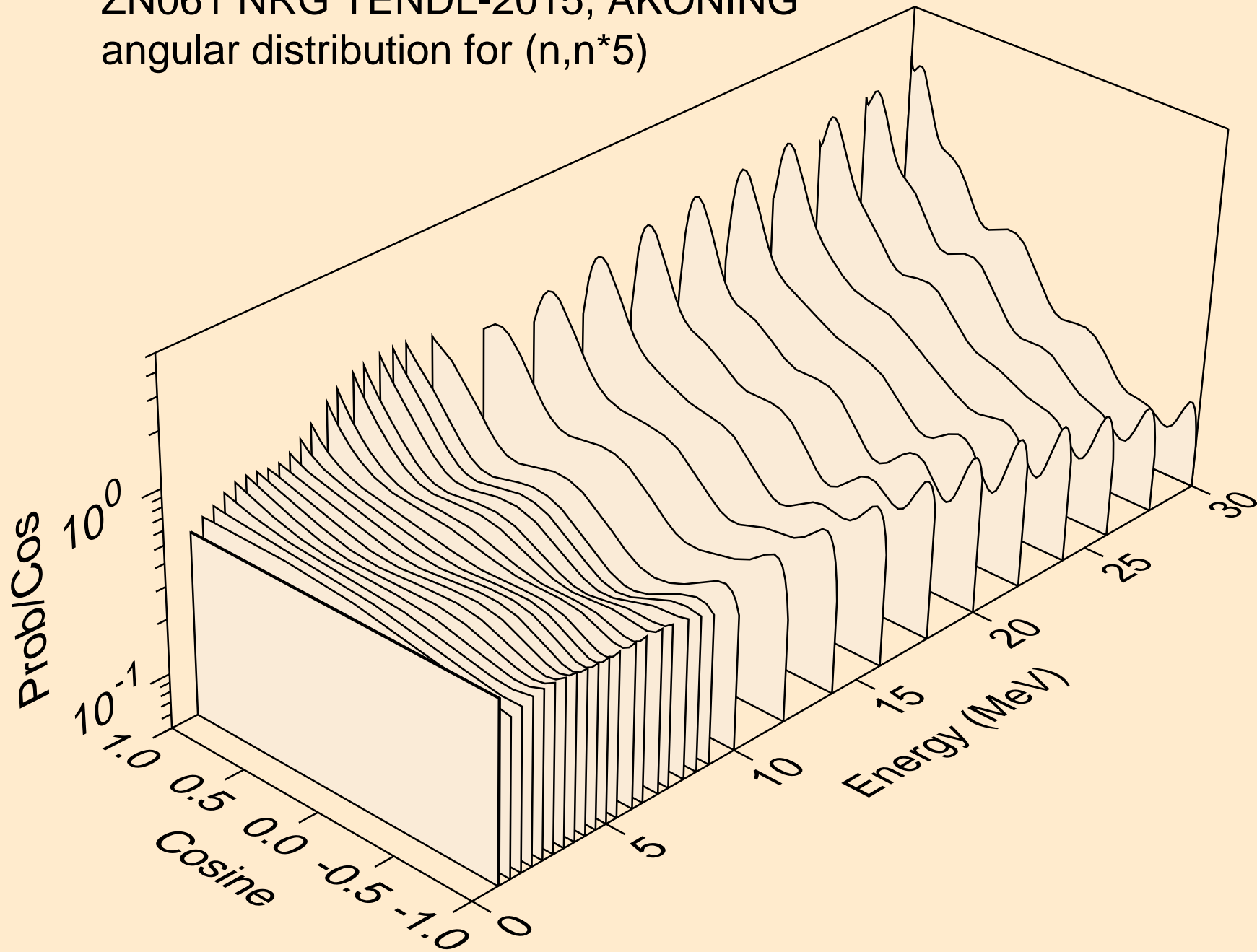
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angular distribution for (n,n\*3)



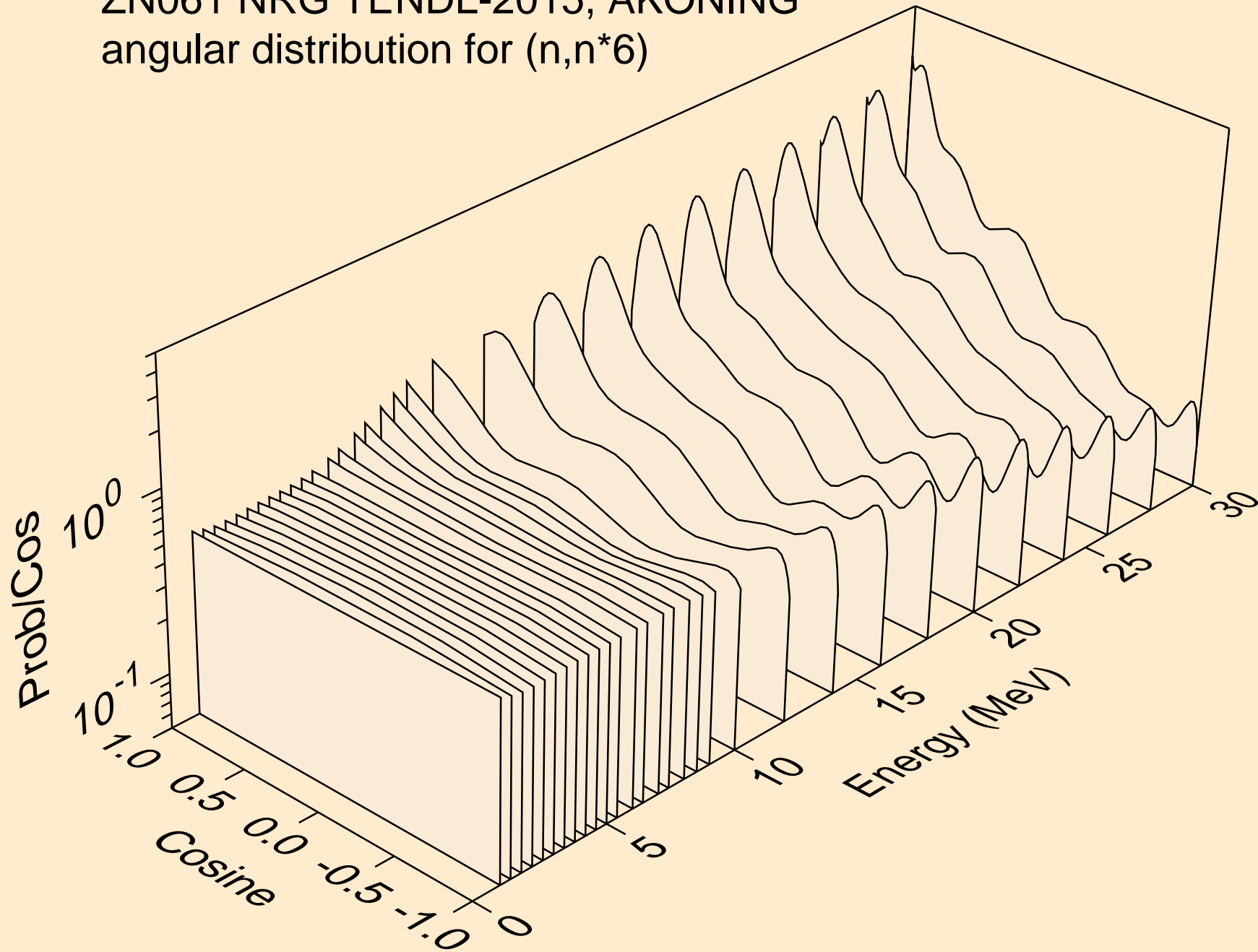
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angular distribution for (n,n\*4)



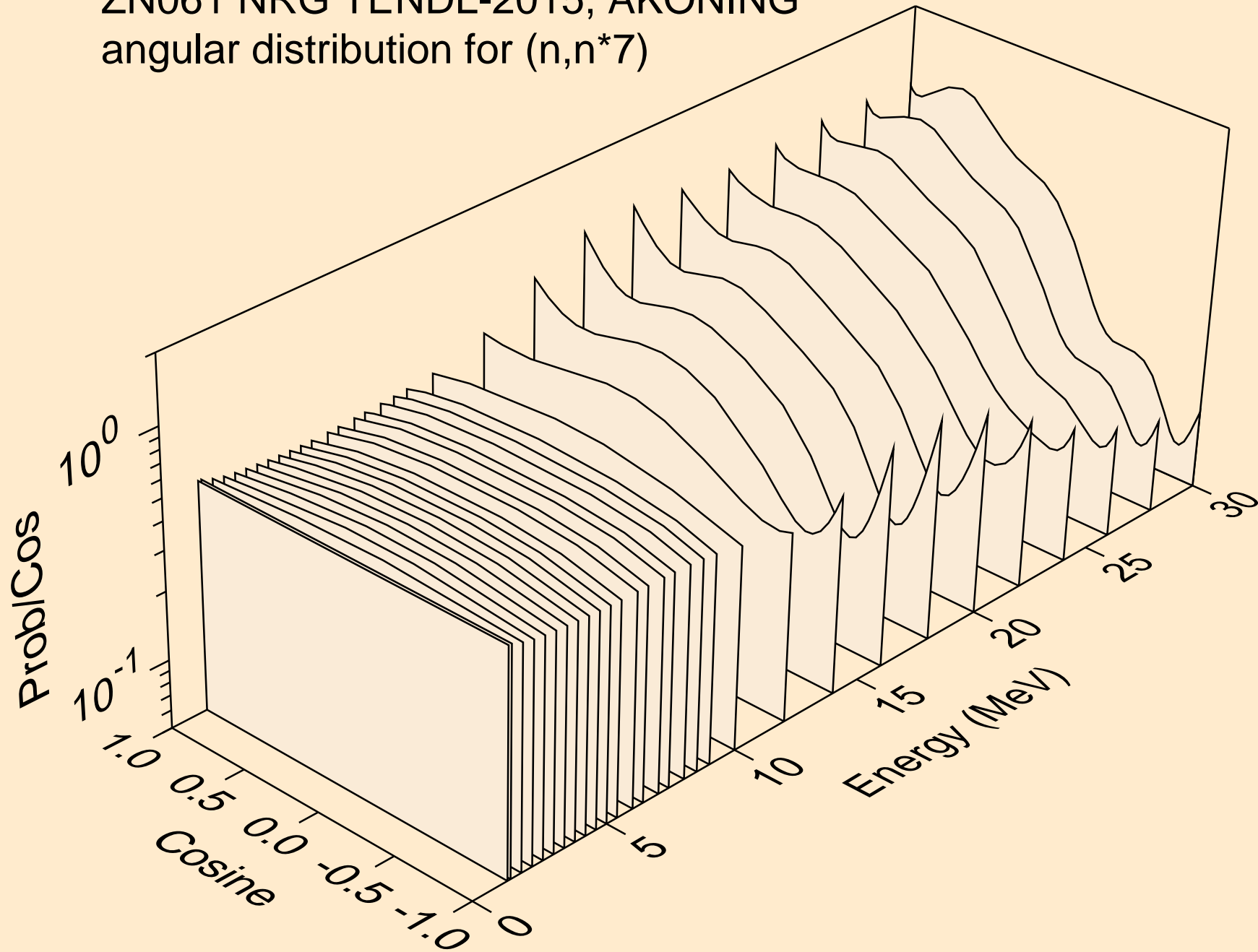
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angular distribution for (n,n\*5)



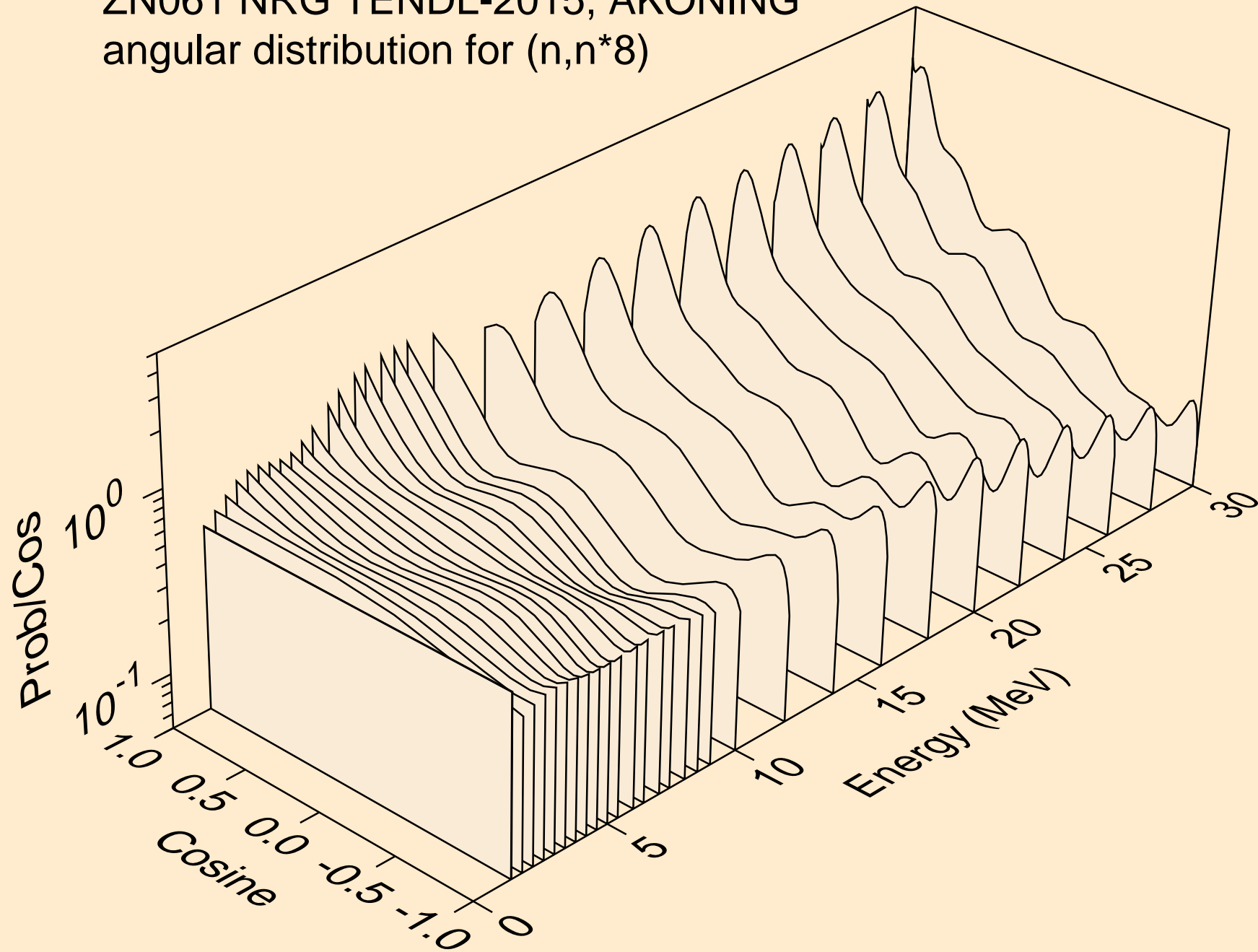
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angular distribution for (n,n\*6)



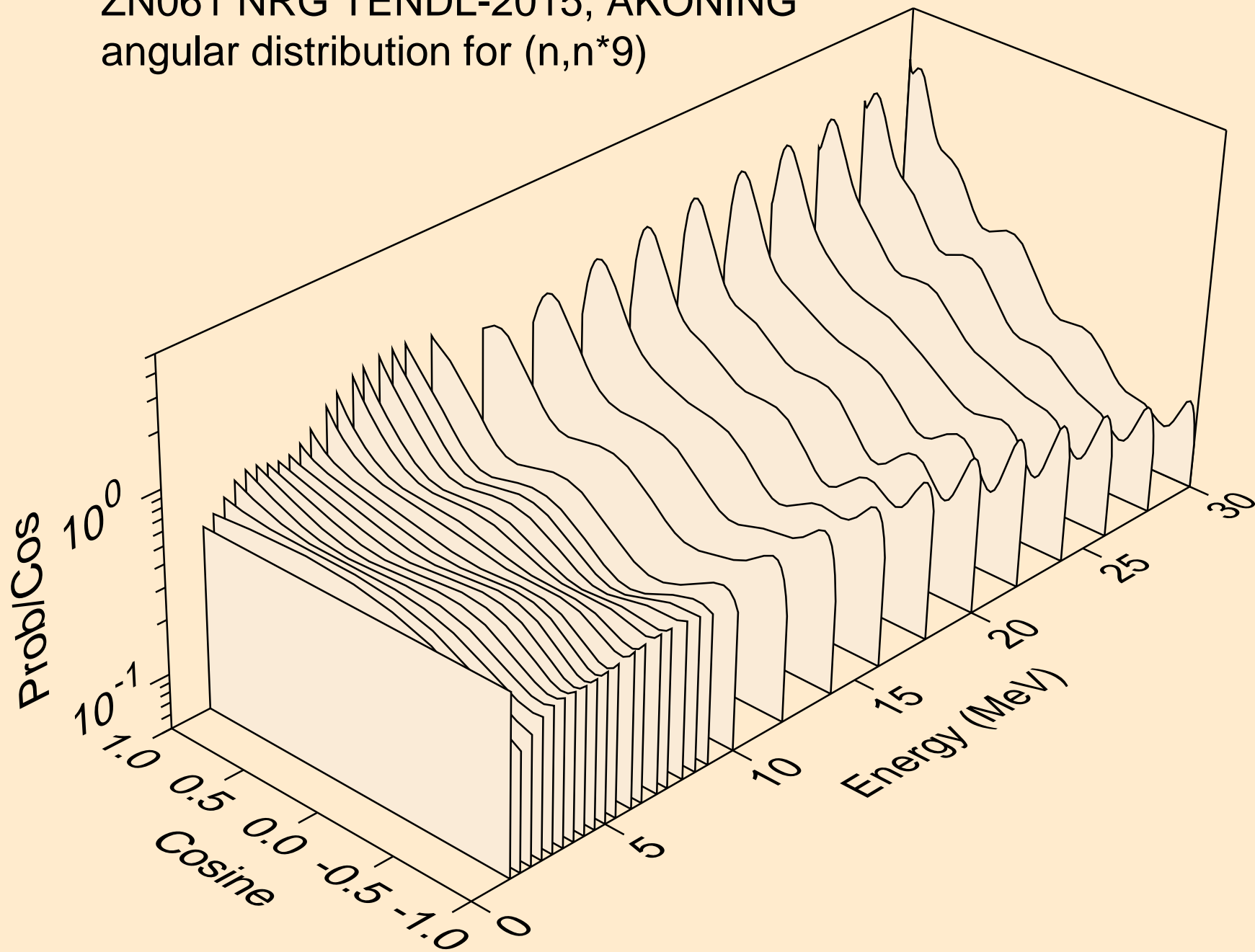
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angular distribution for (n,n\*7)



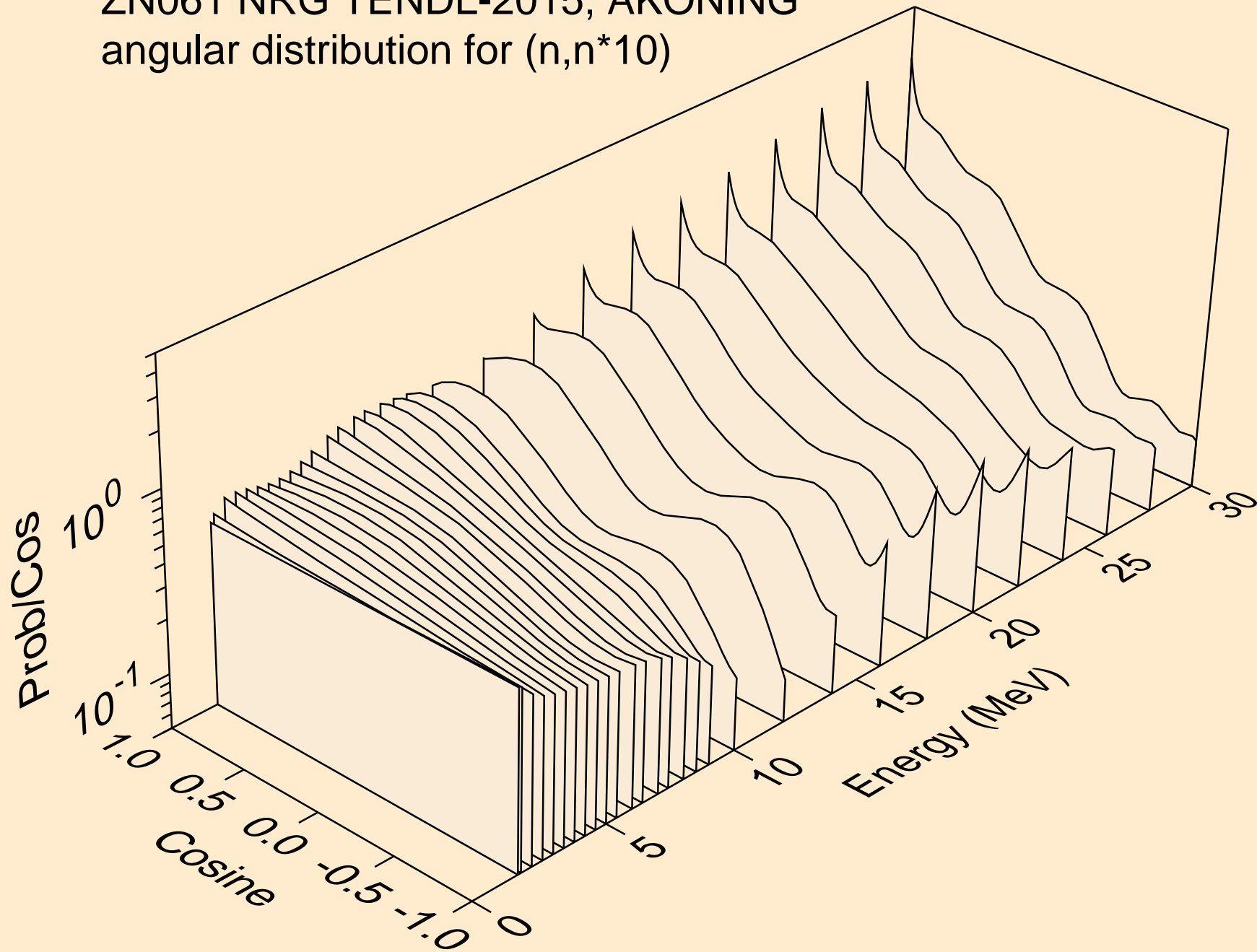
ZN061 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



ZN061 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

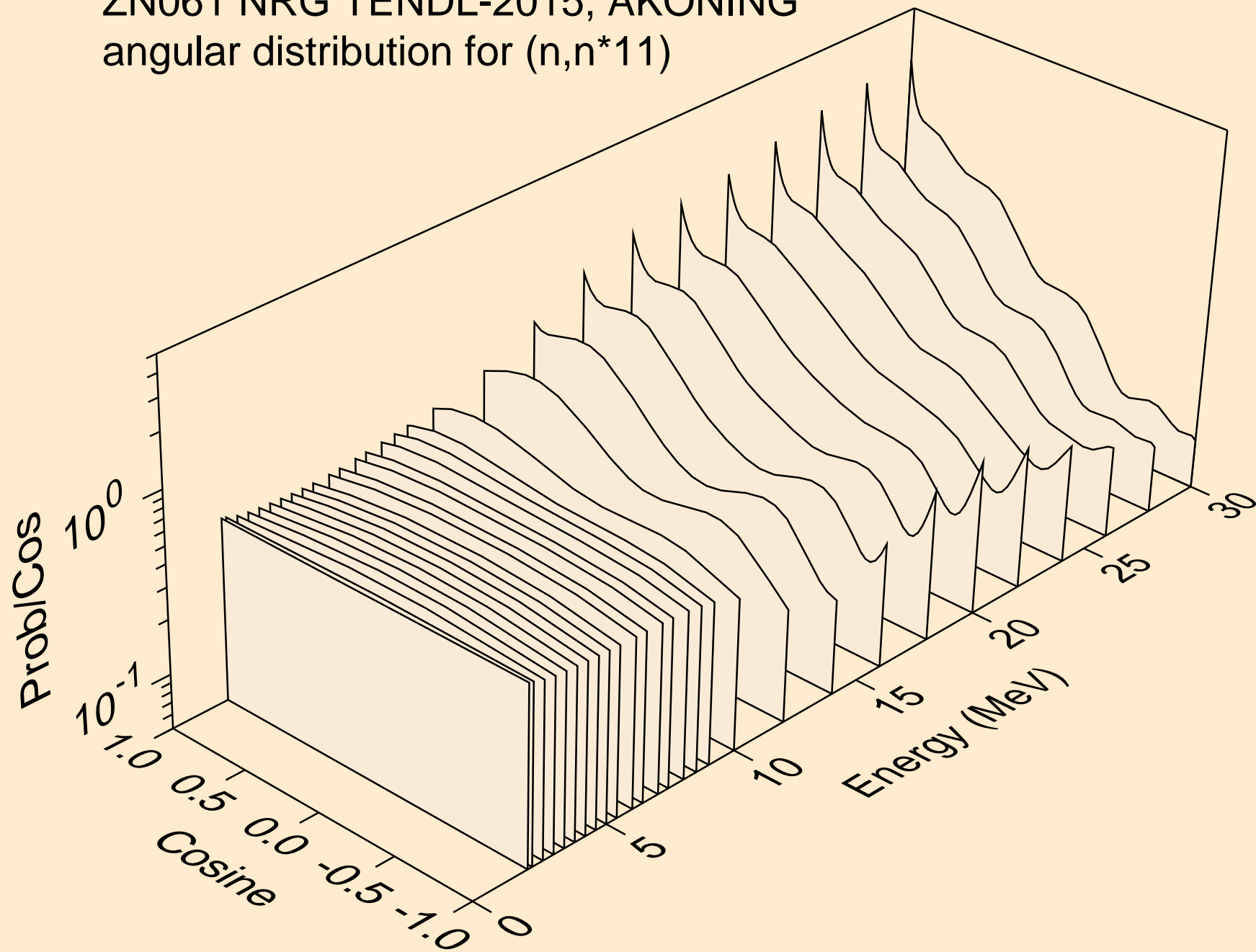


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angular distribution for (n,n\*10)

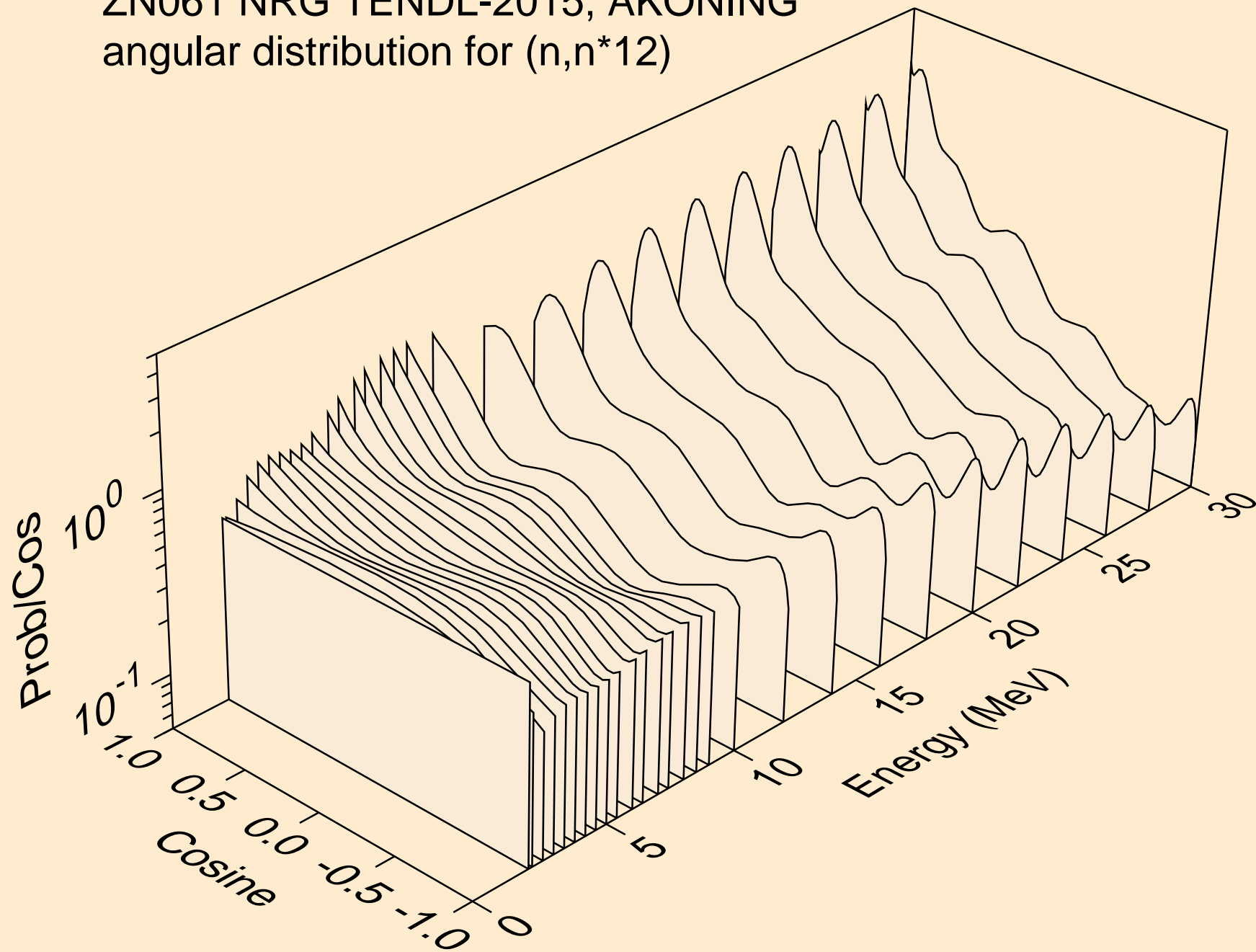




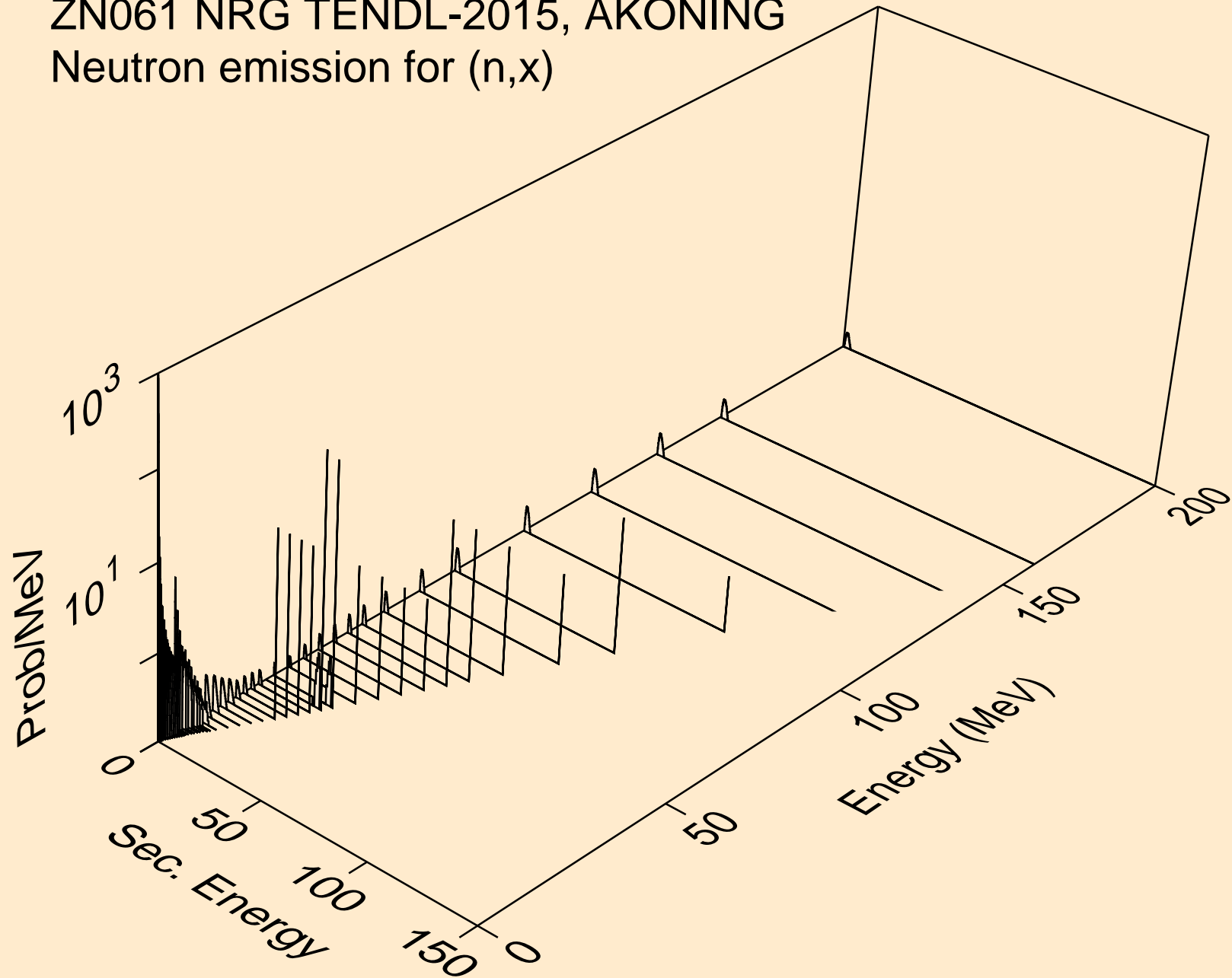
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angular distribution for (n,n\*11)



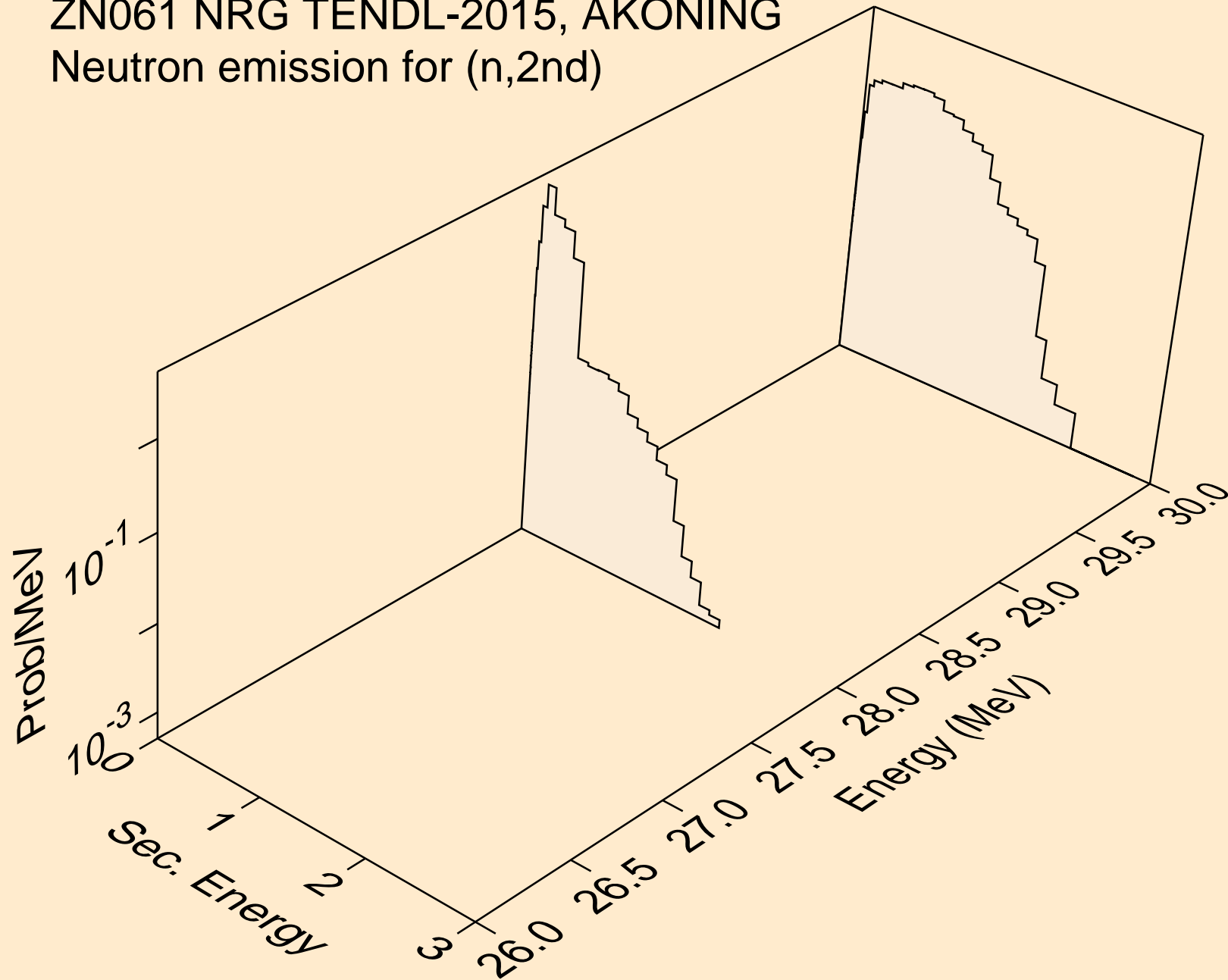
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angular distribution for (n,n\*12)



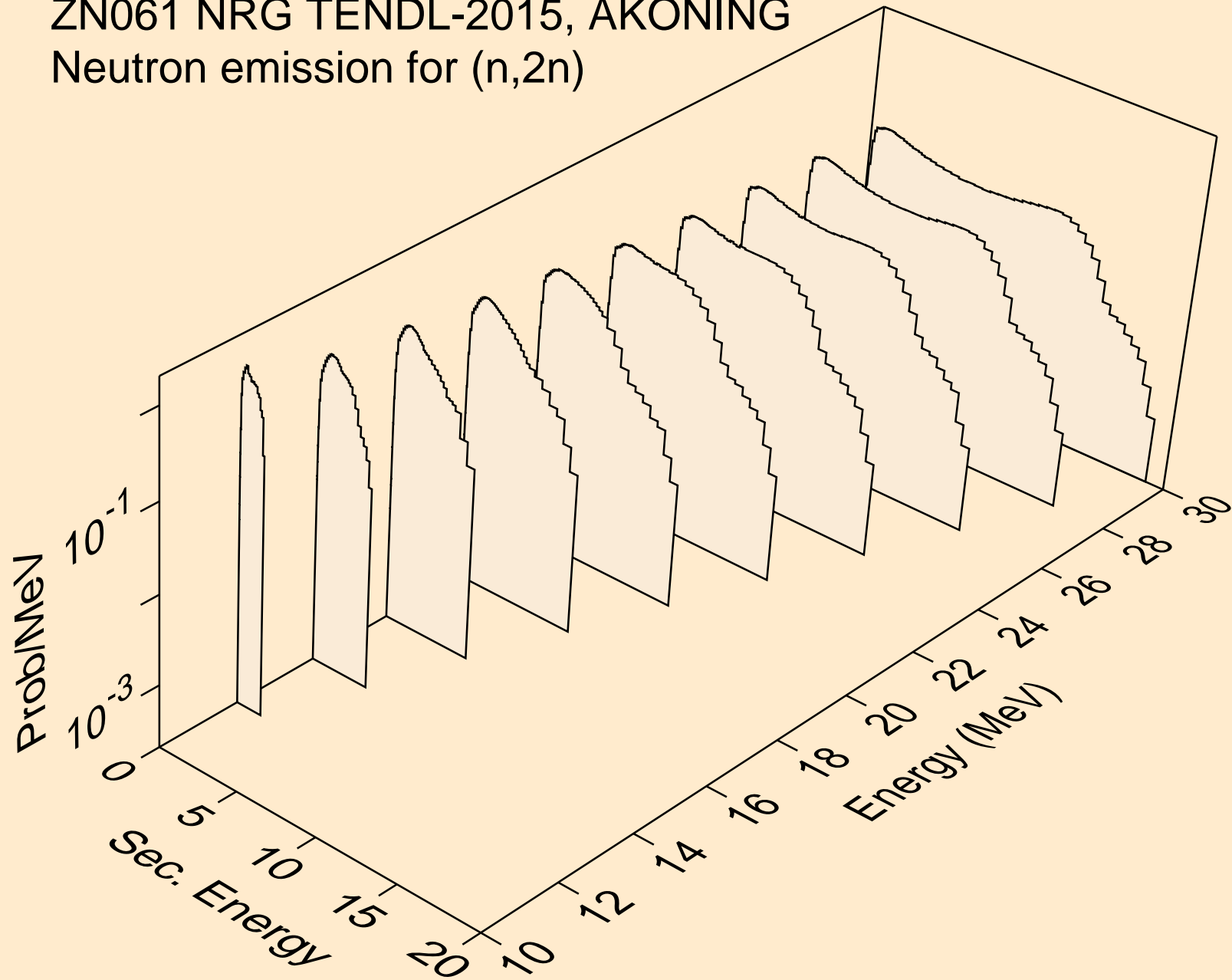
ZN061 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



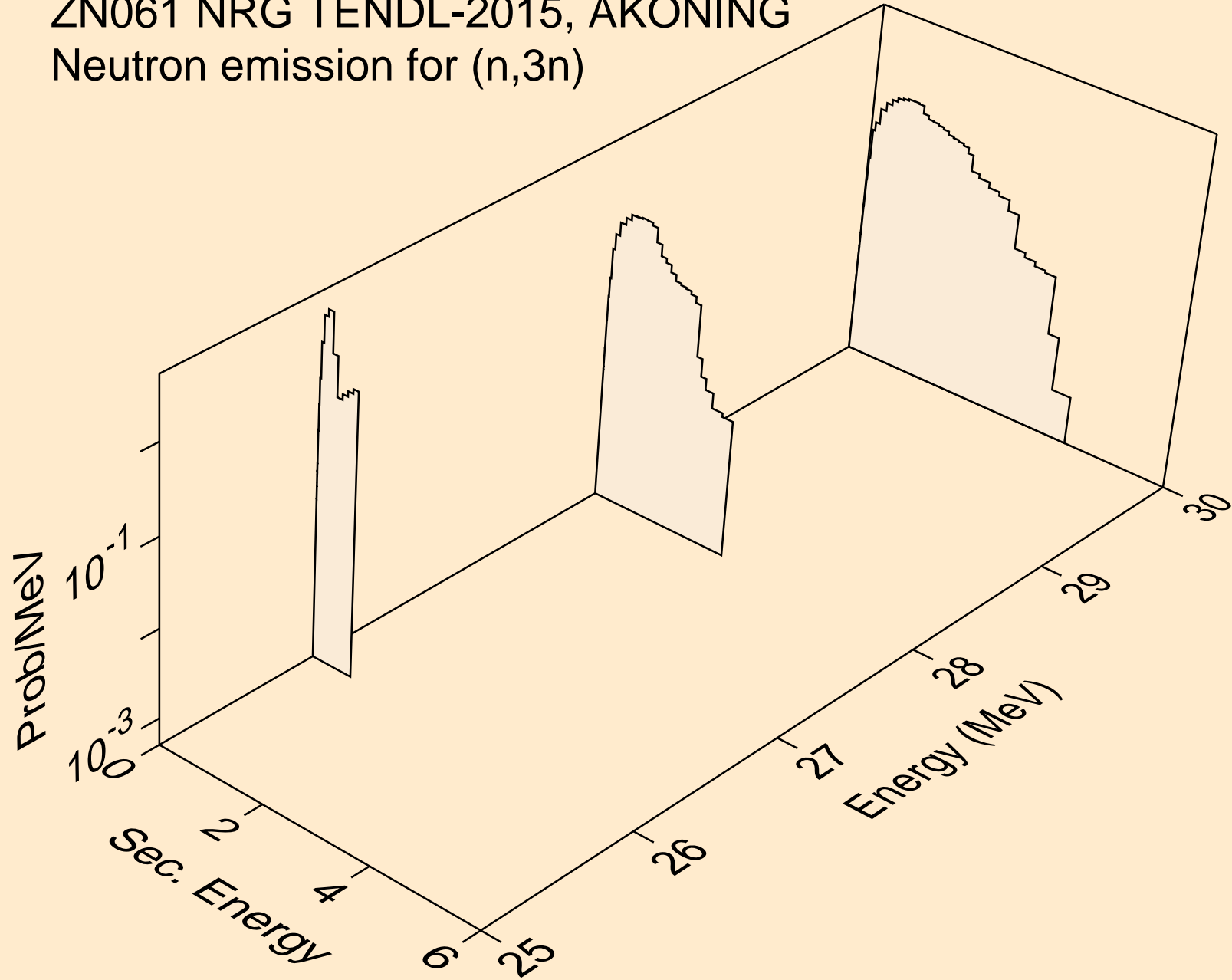
ZN061 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



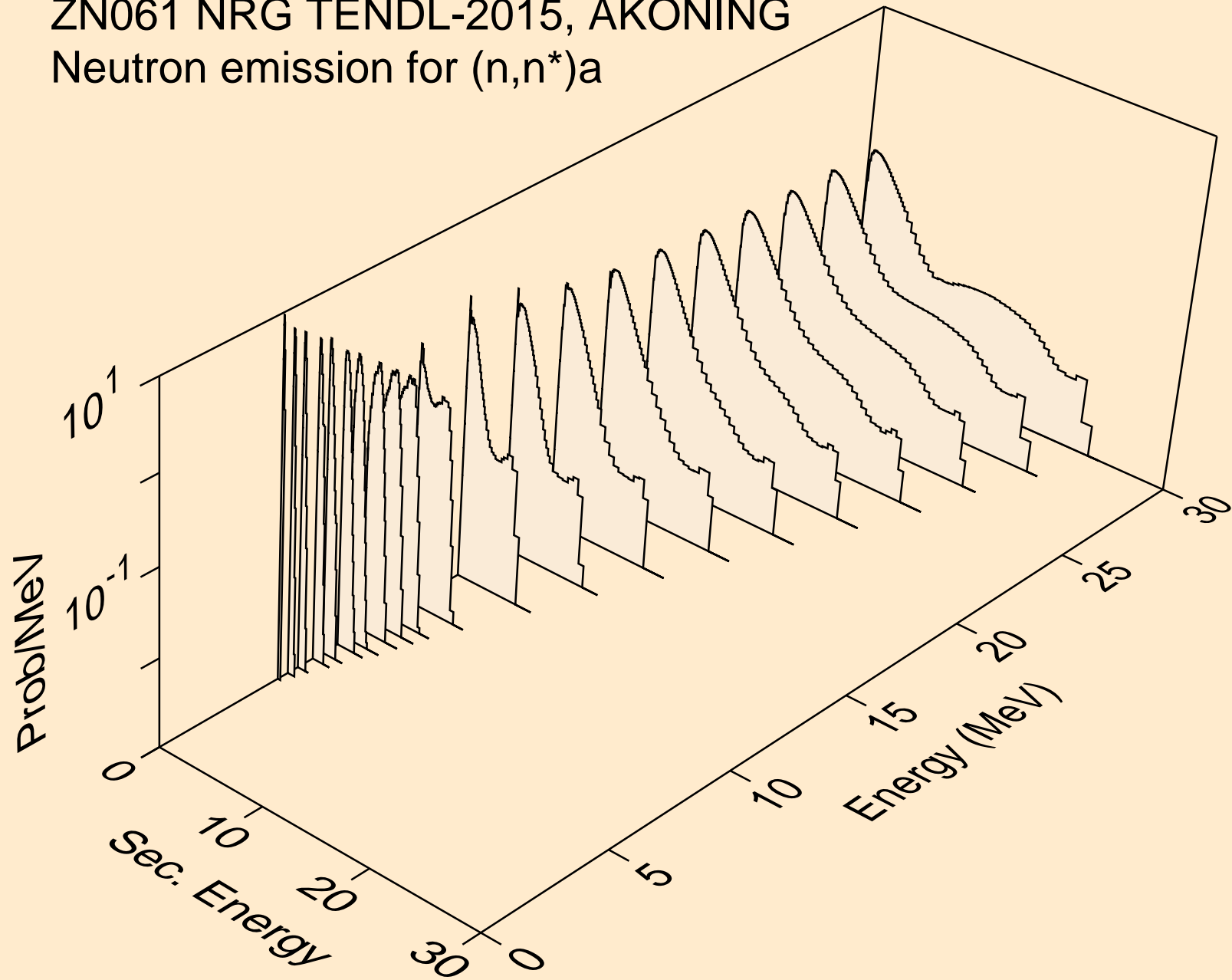
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Neutron emission for (n,2n)



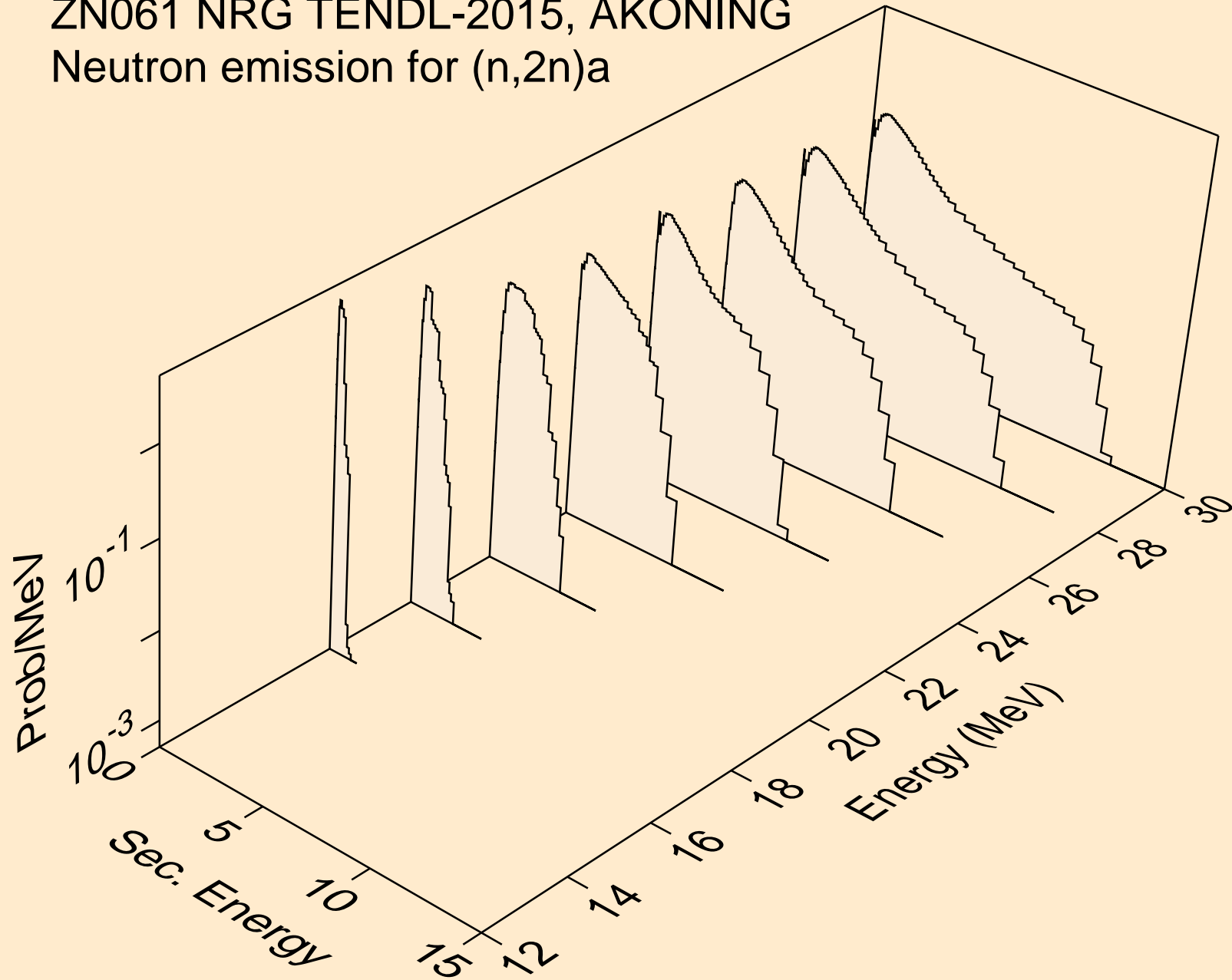
ZN061 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



ZN061 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

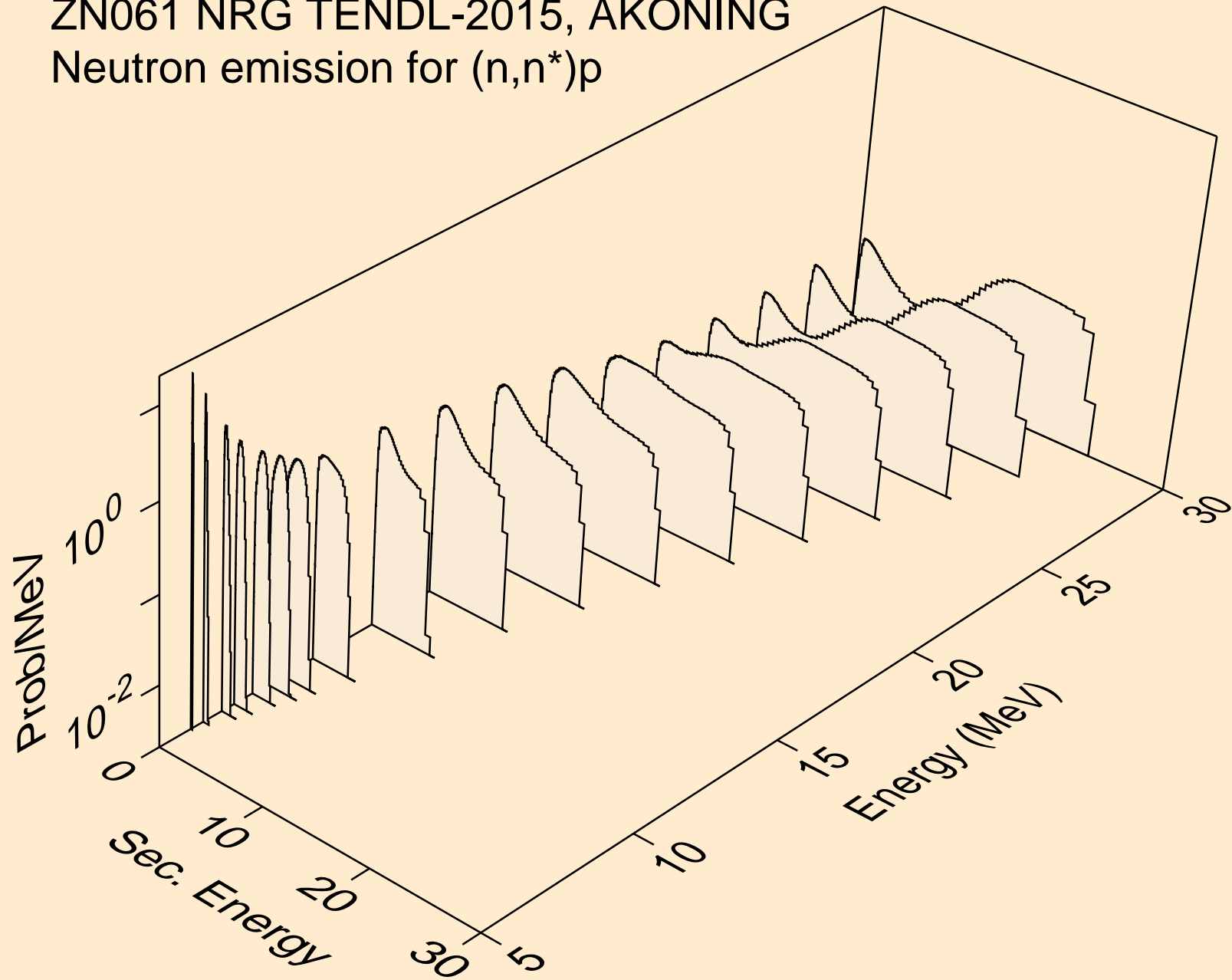


ZN061 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

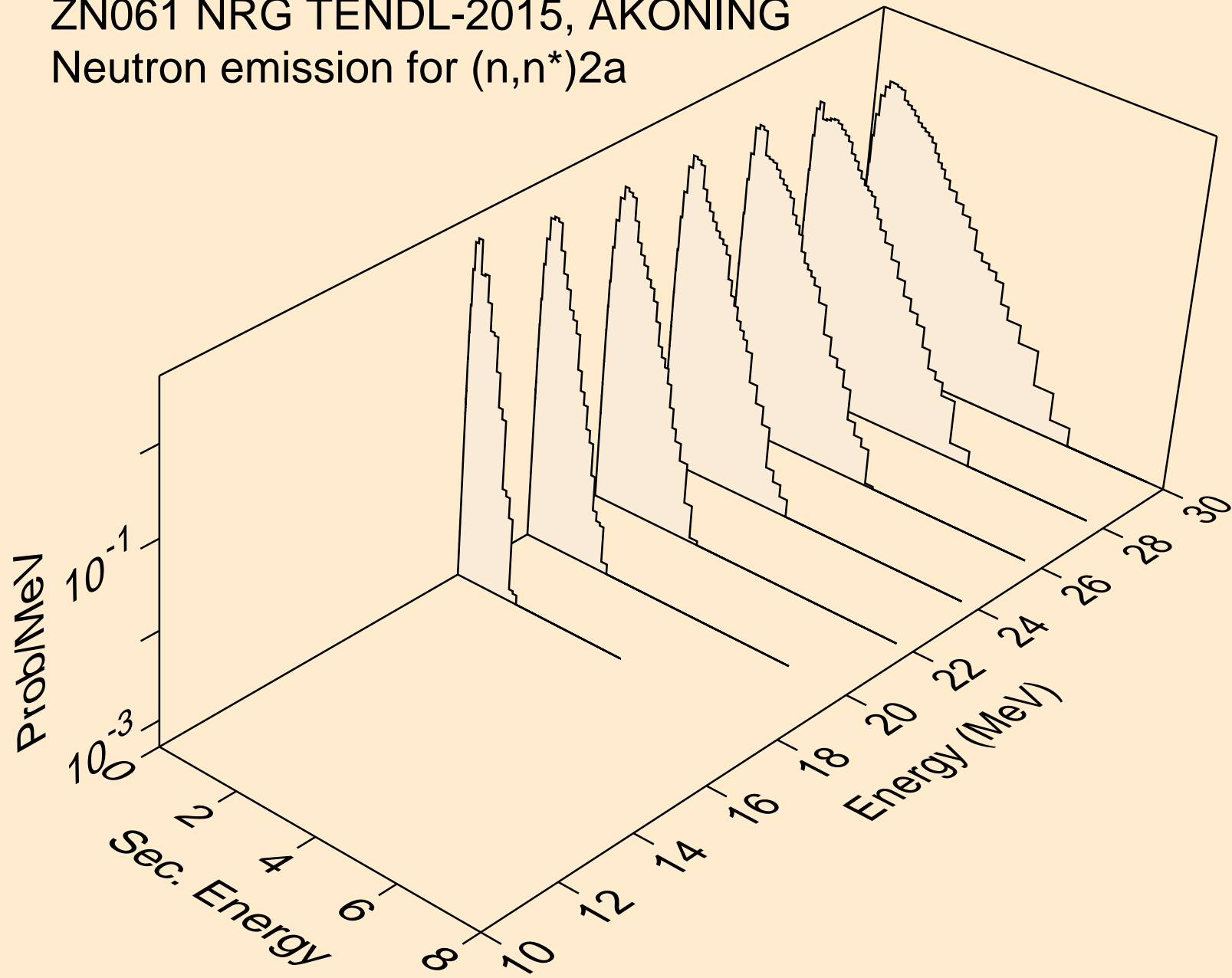




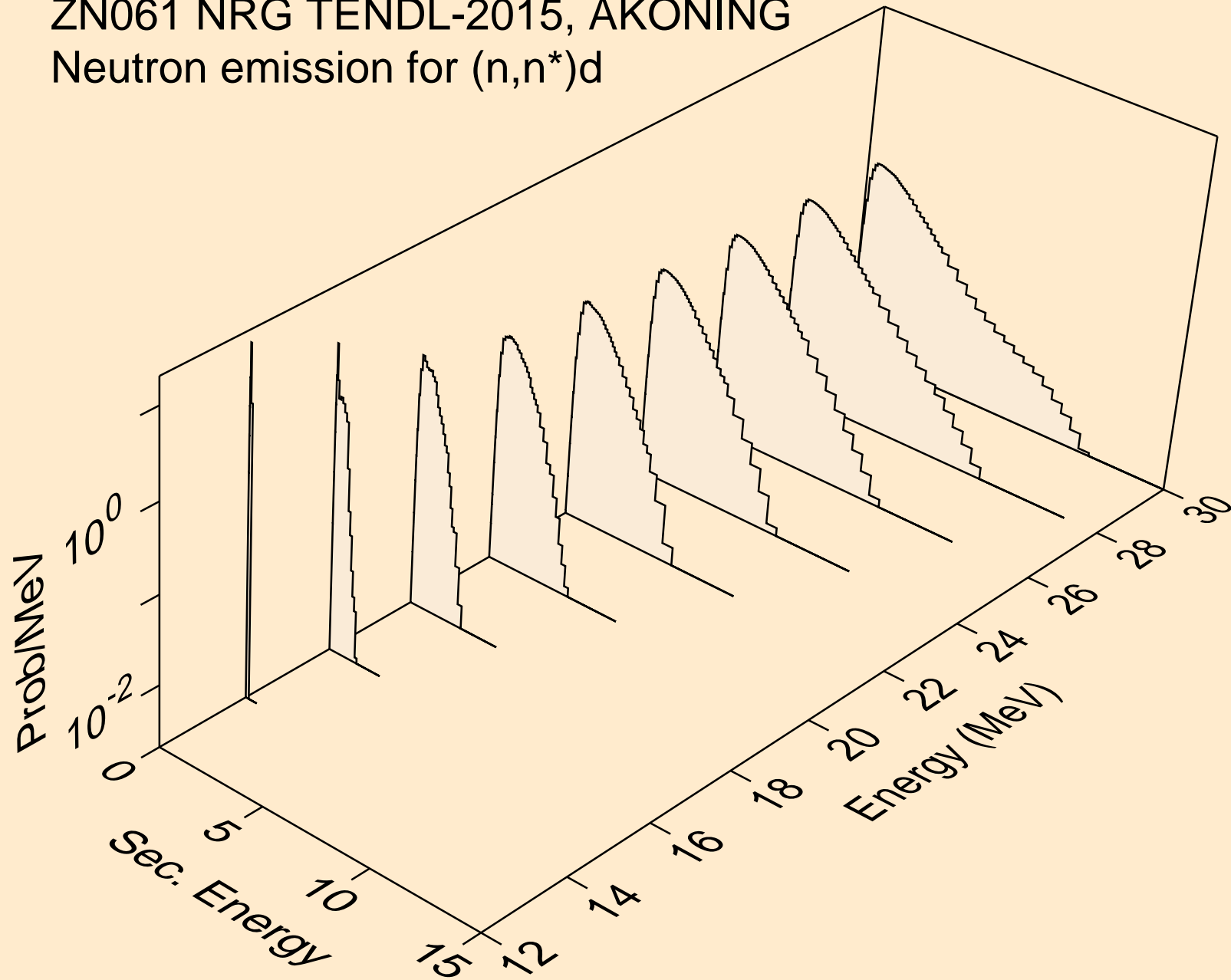
ZN061 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



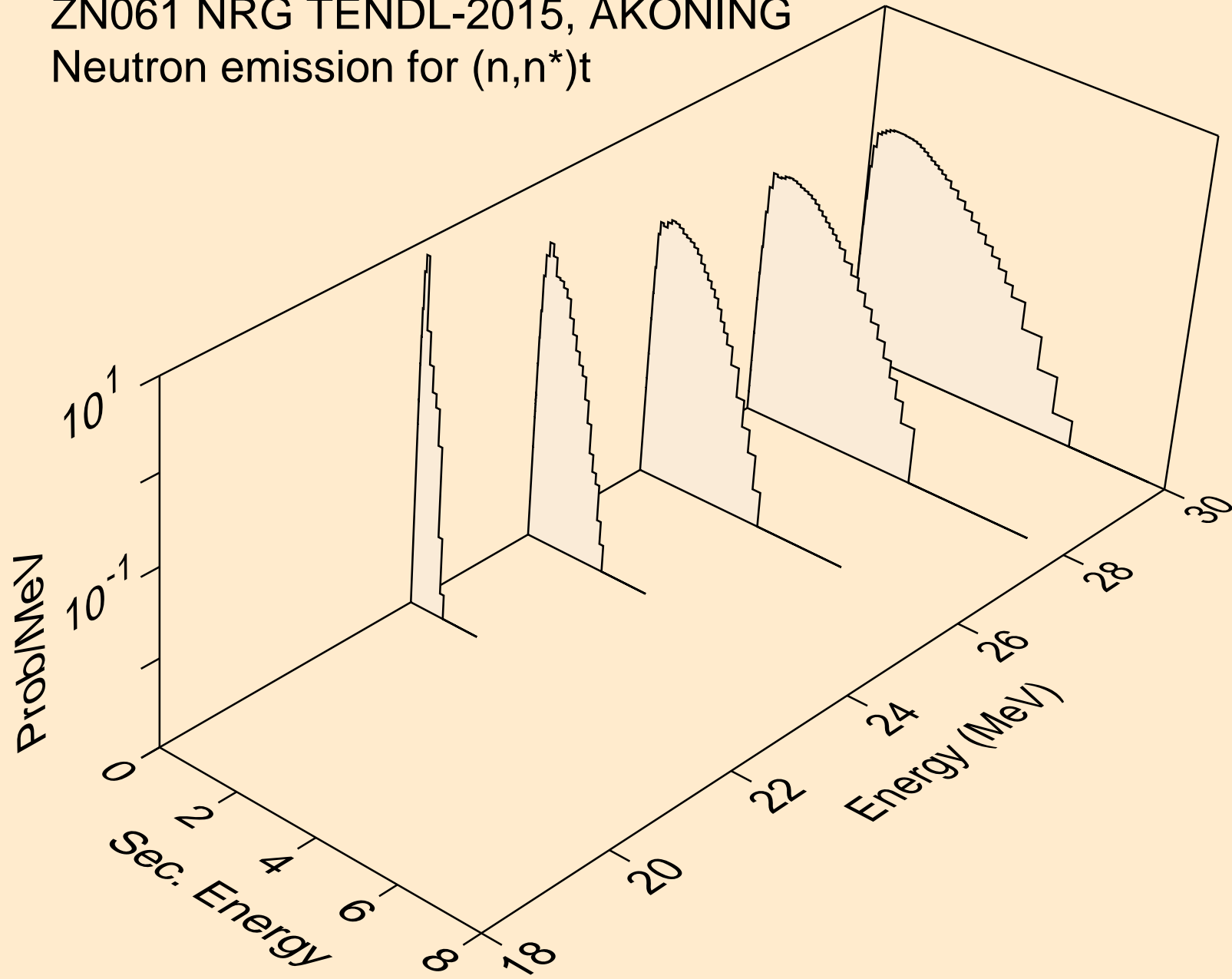
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Neutron emission for (n,n\*)2a



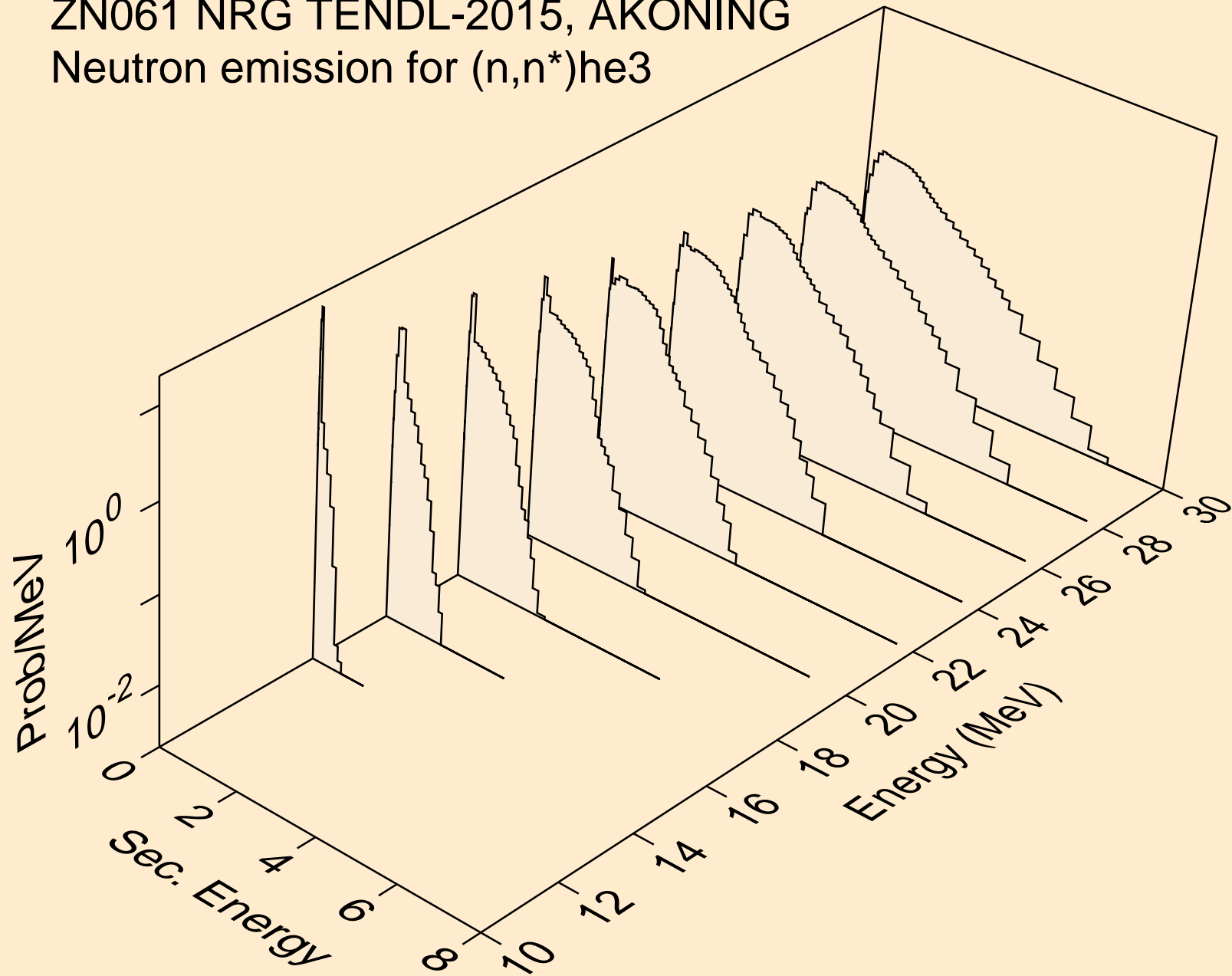
ZN061 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



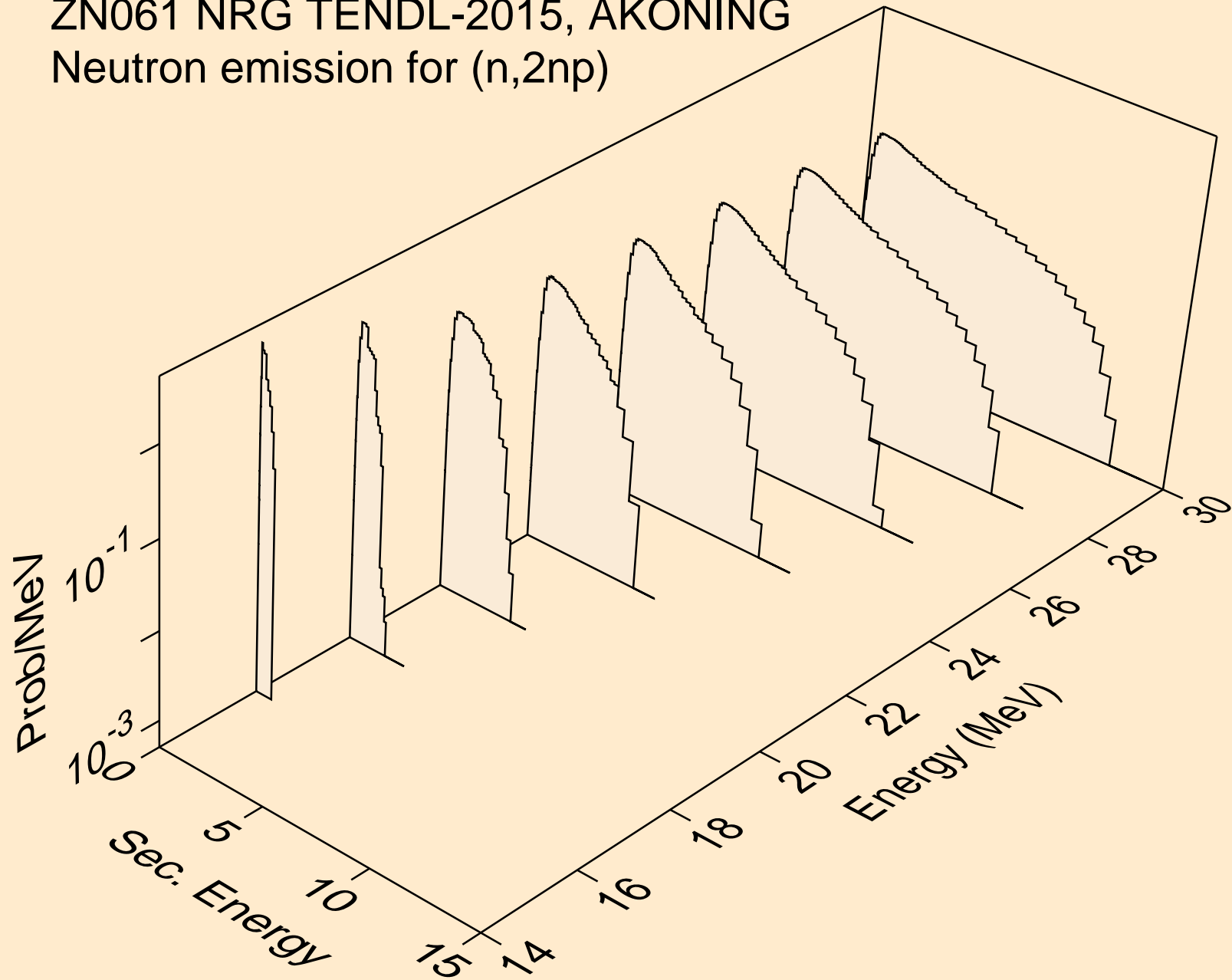
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Neutron emission for (n,n\*)t



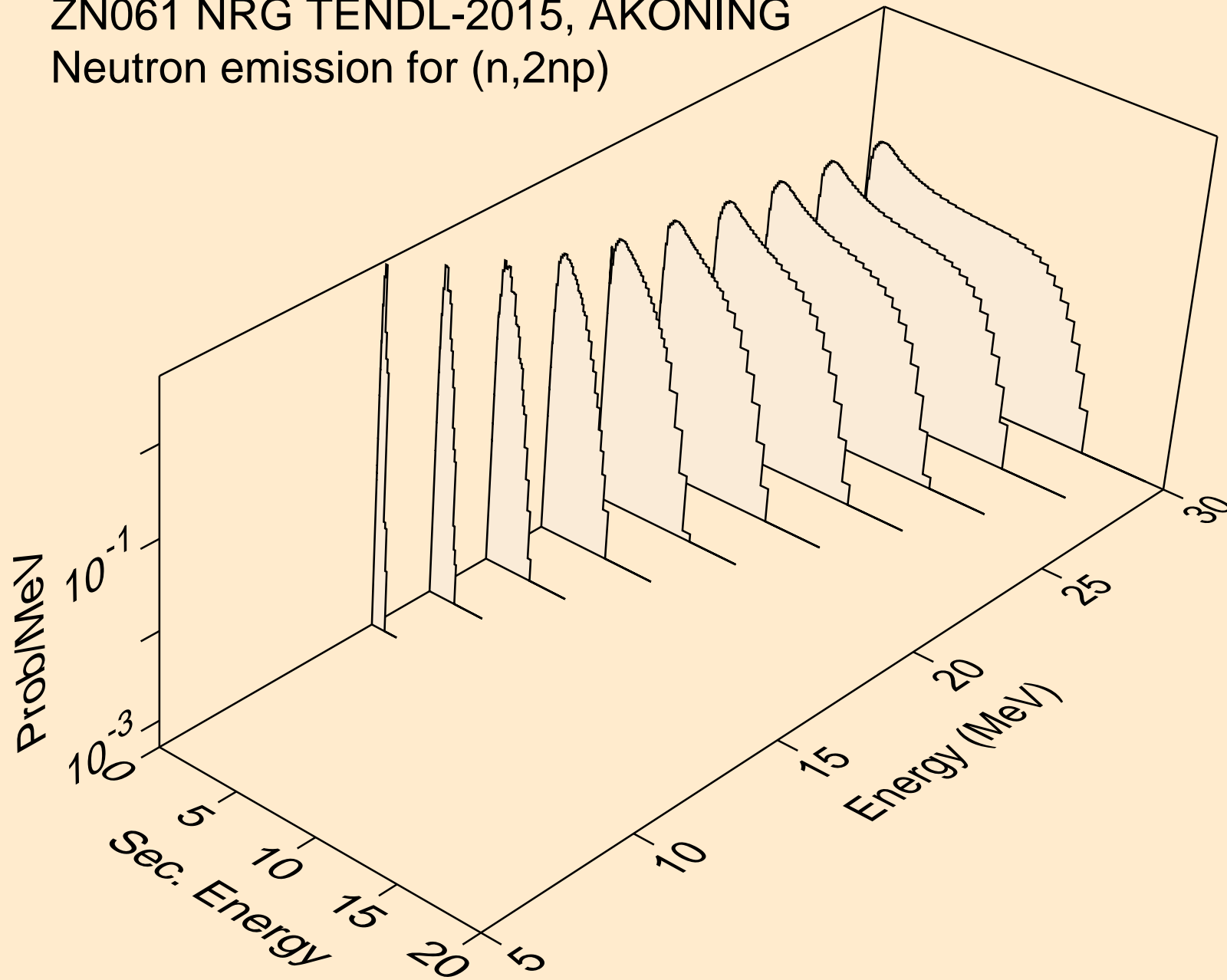
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Neutron emission for (n,n\*)he3



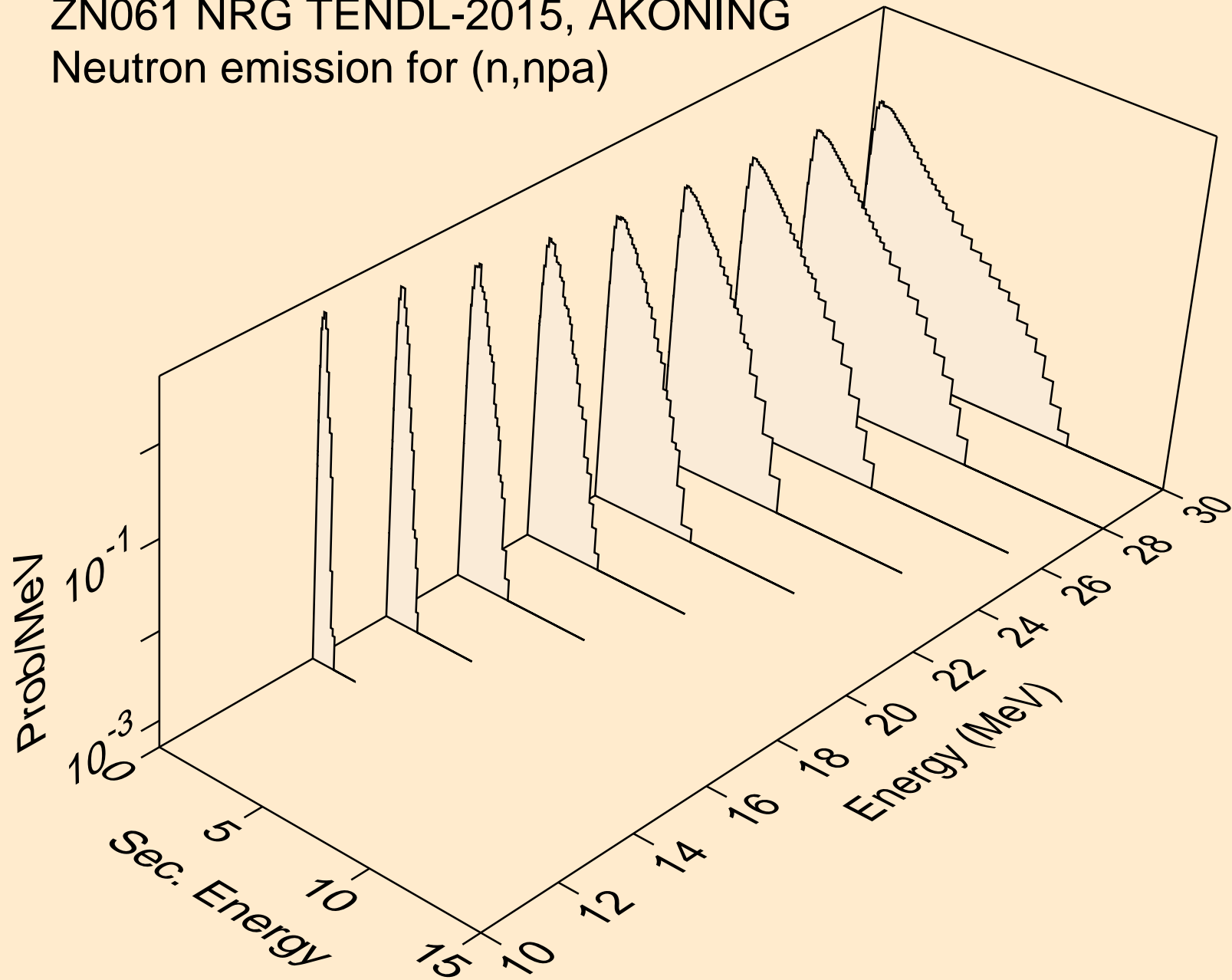
ZN061 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



ZN061 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

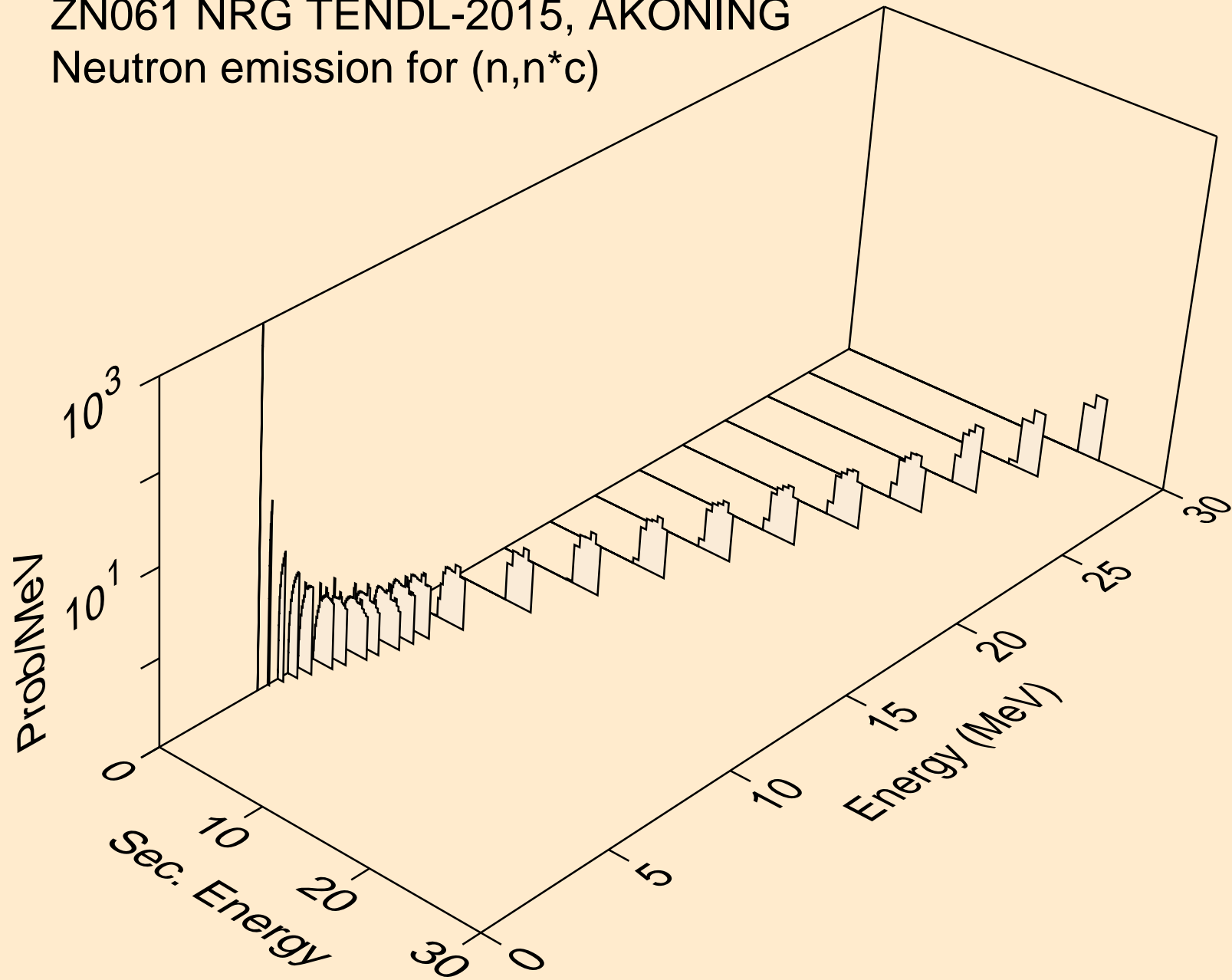


ZN061 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

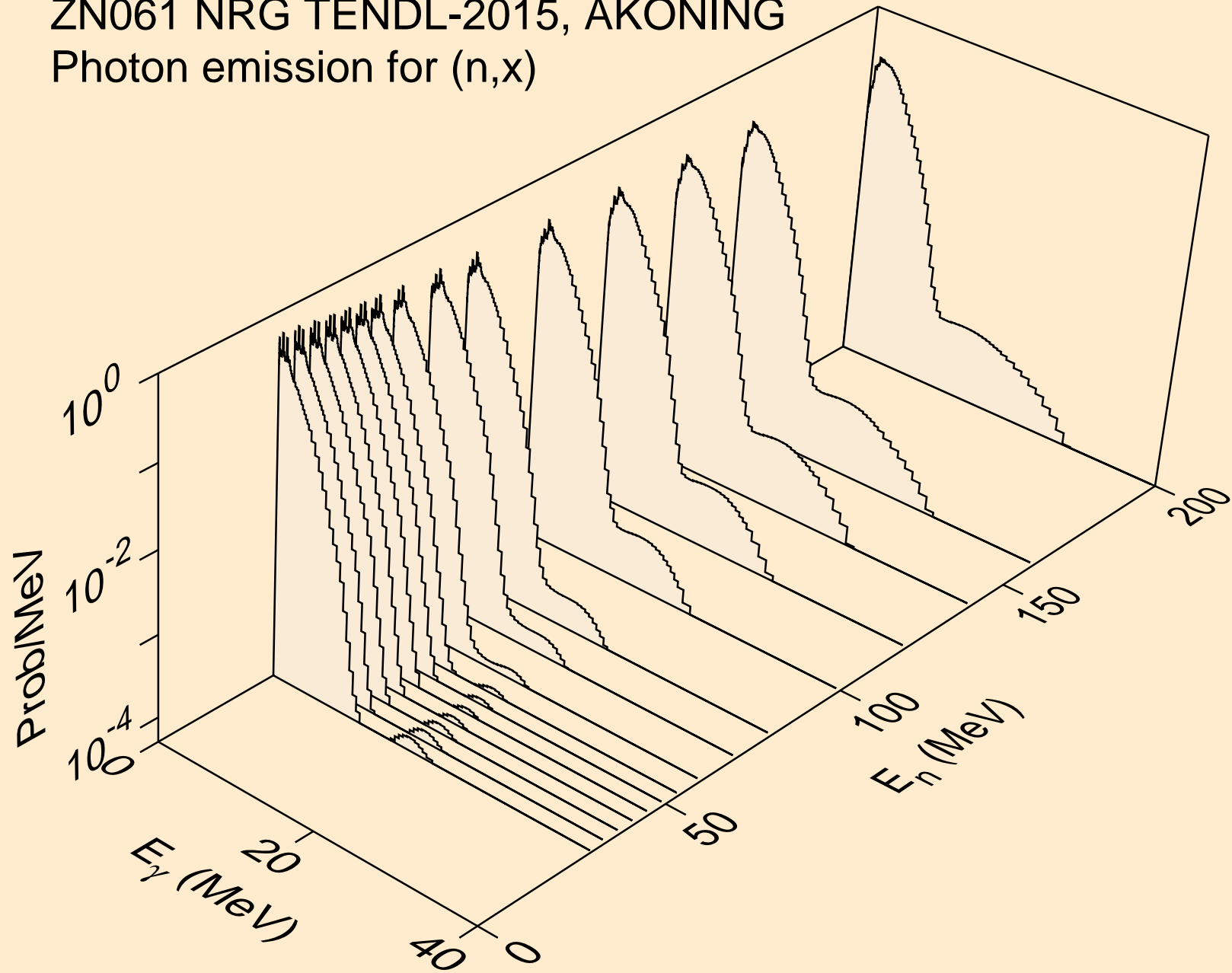




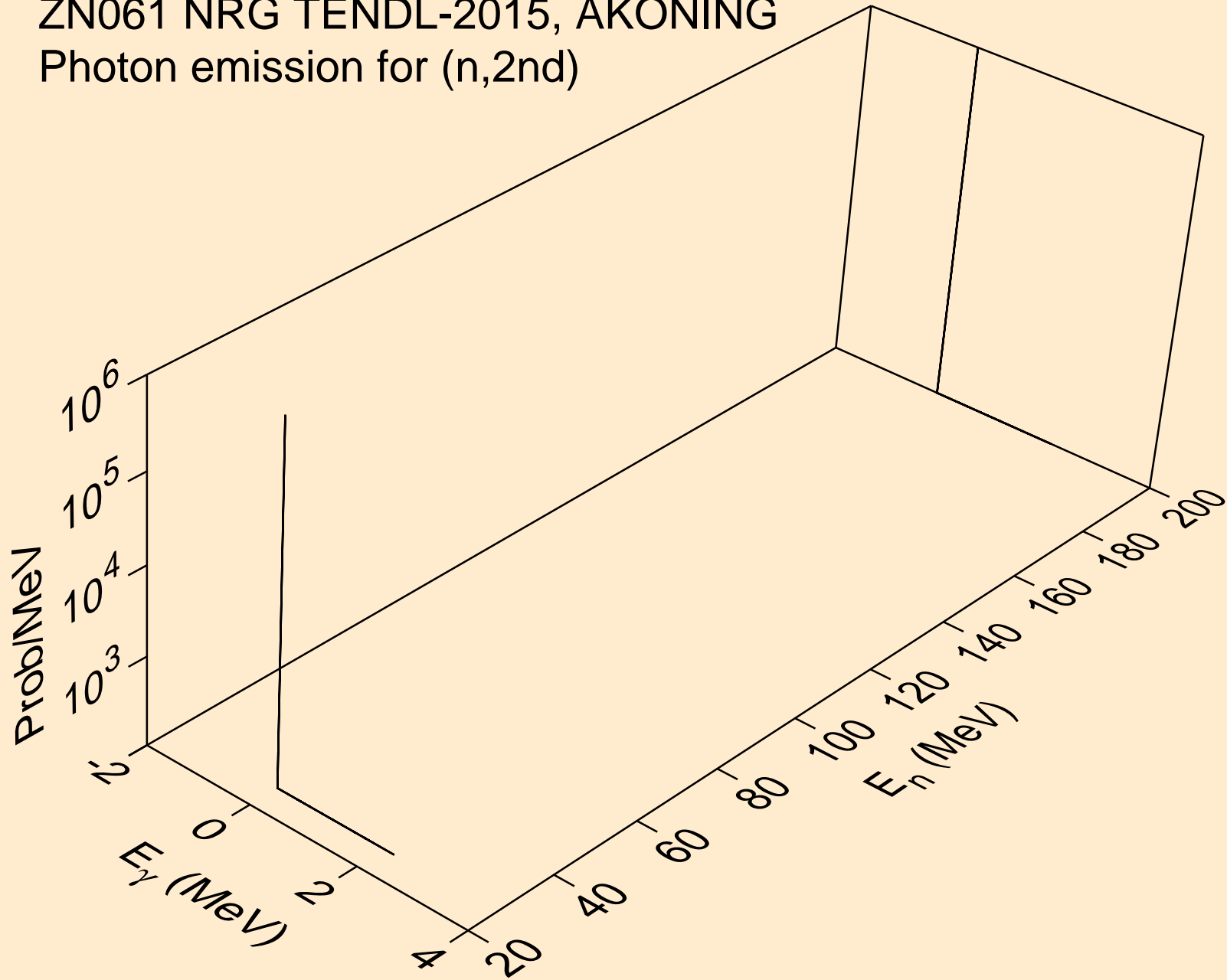
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Neutron emission for (n,n\*c)



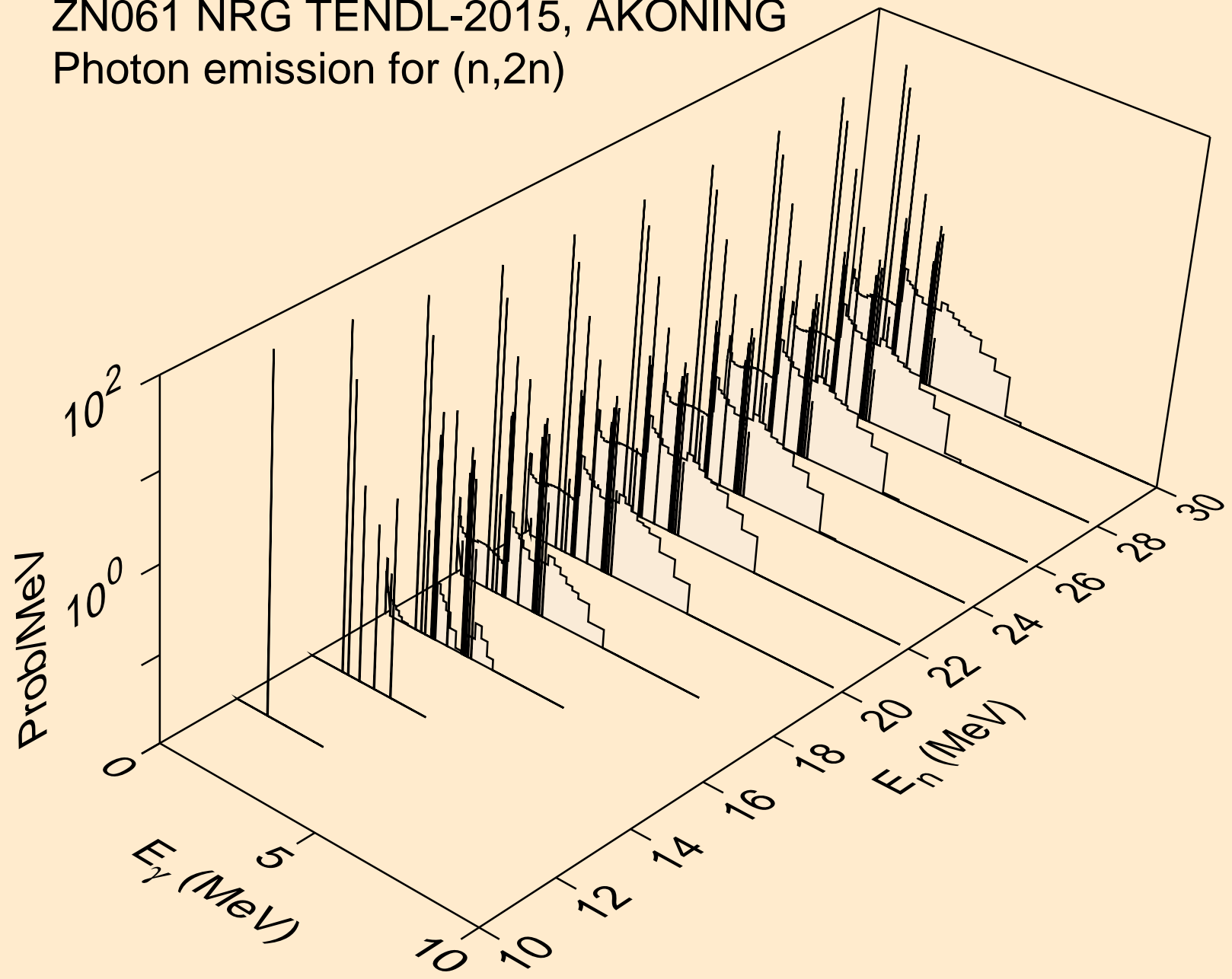
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Photon emission for (n,x)



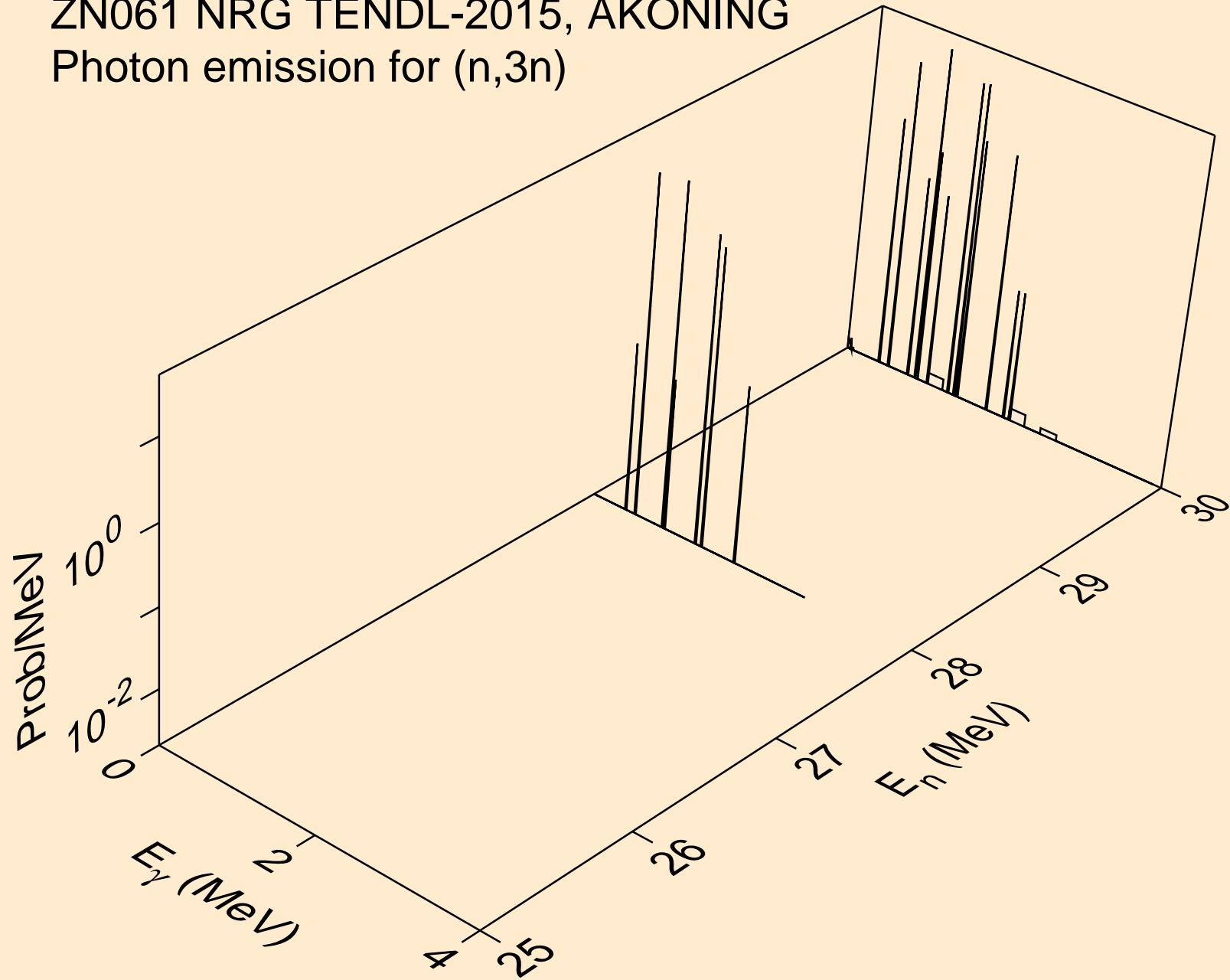
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Photon emission for (n,2nd)



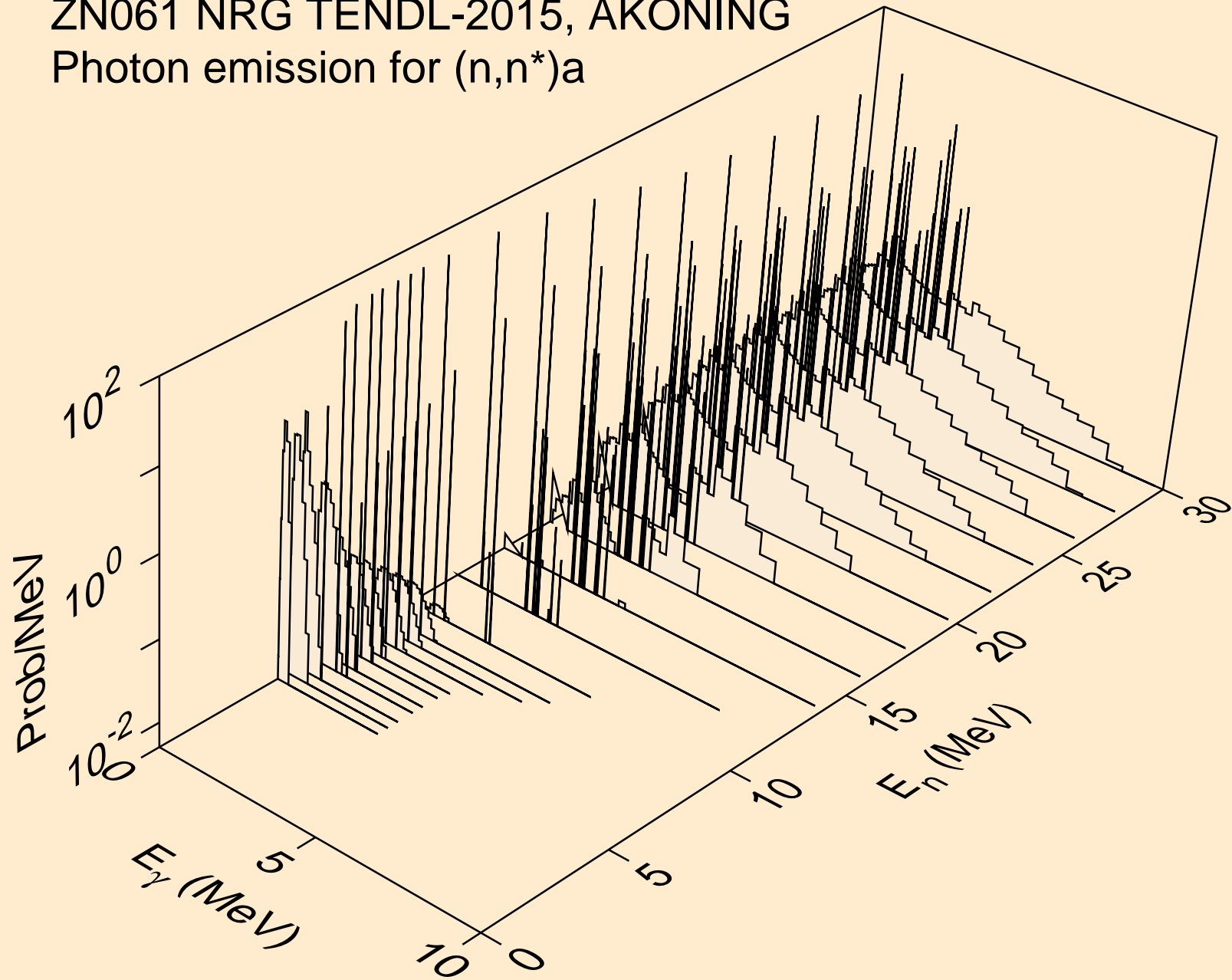
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Photon emission for (n,2n)



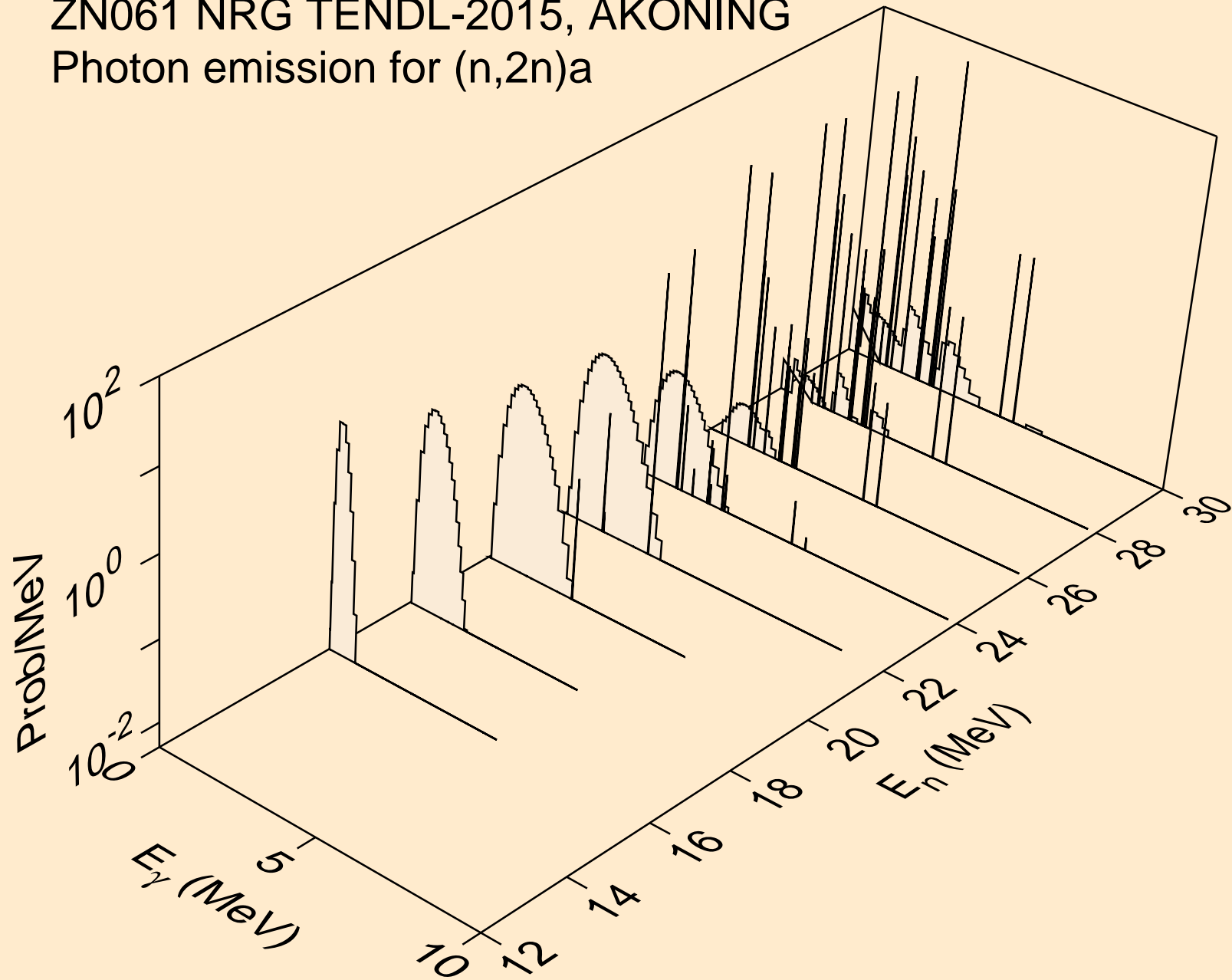
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Photon emission for (n,3n)



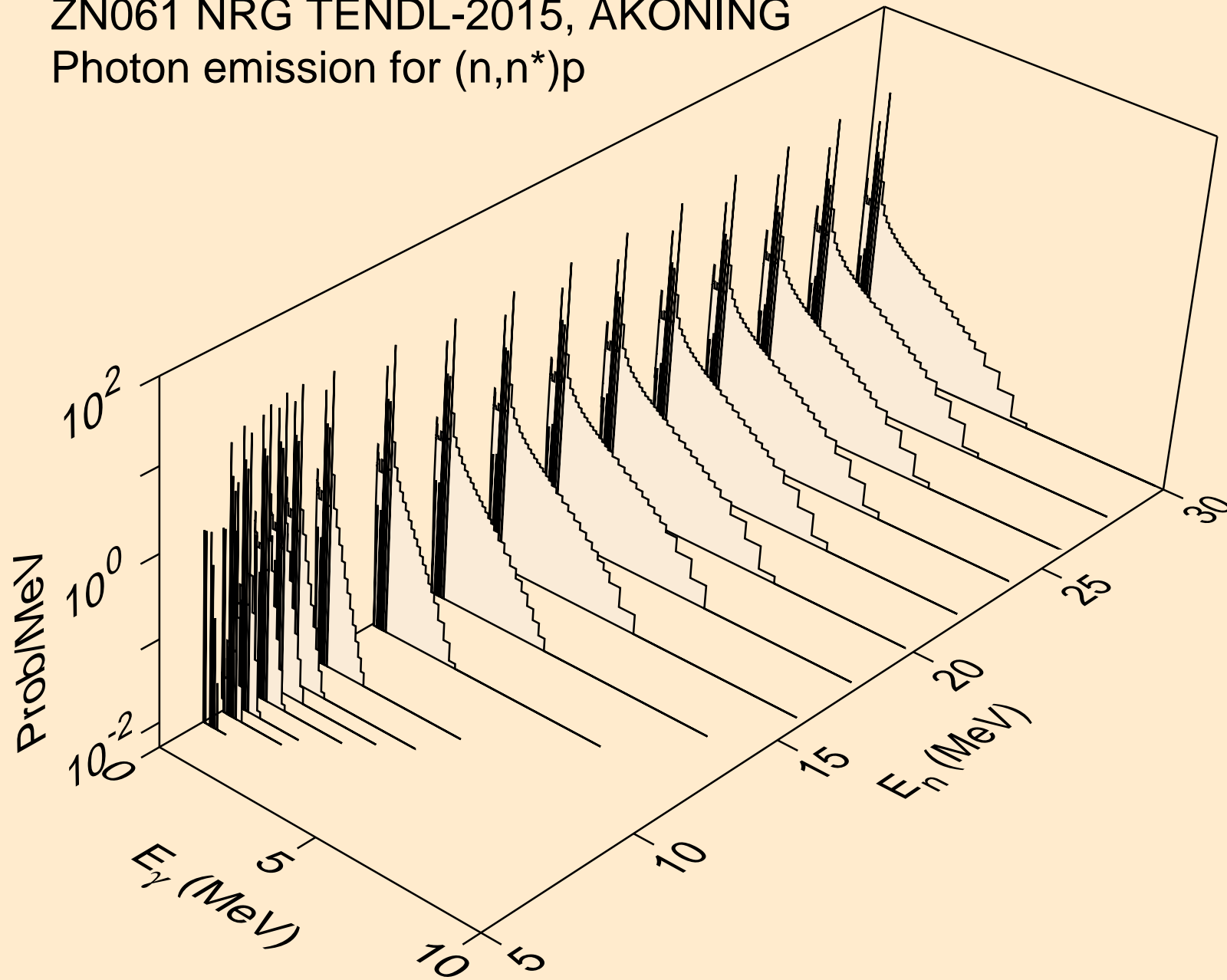
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Photon emission for (n,n\*)a



ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

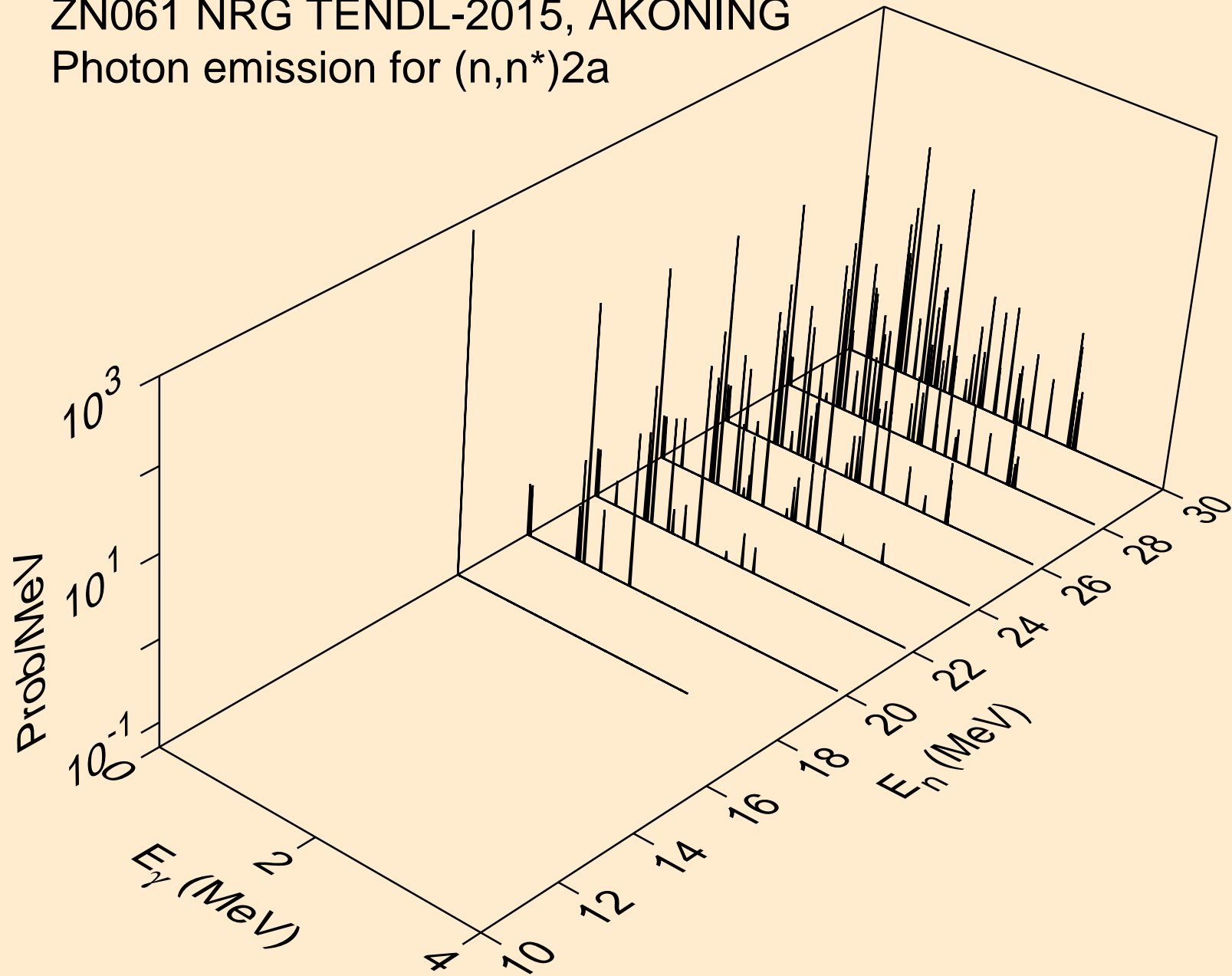


ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

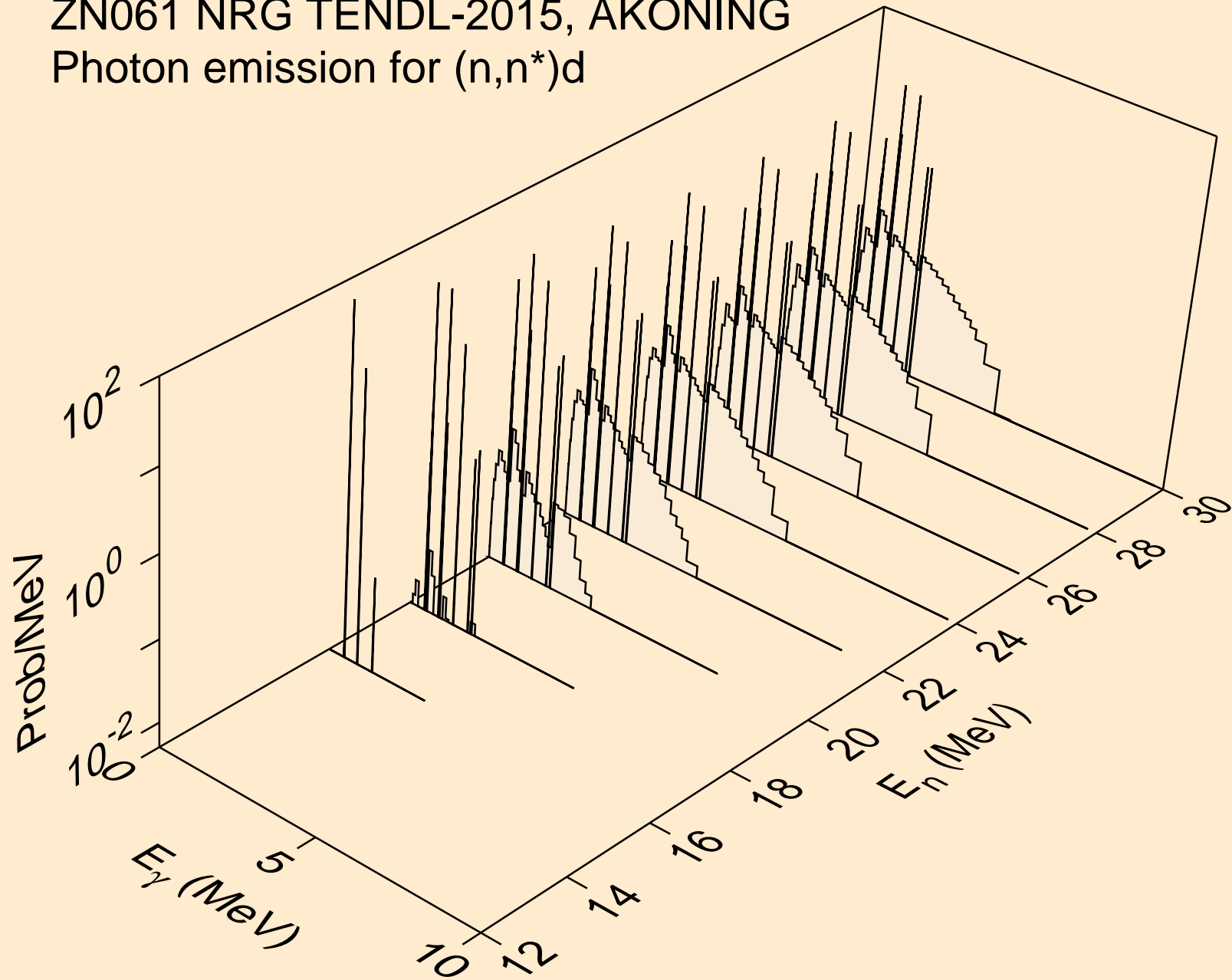




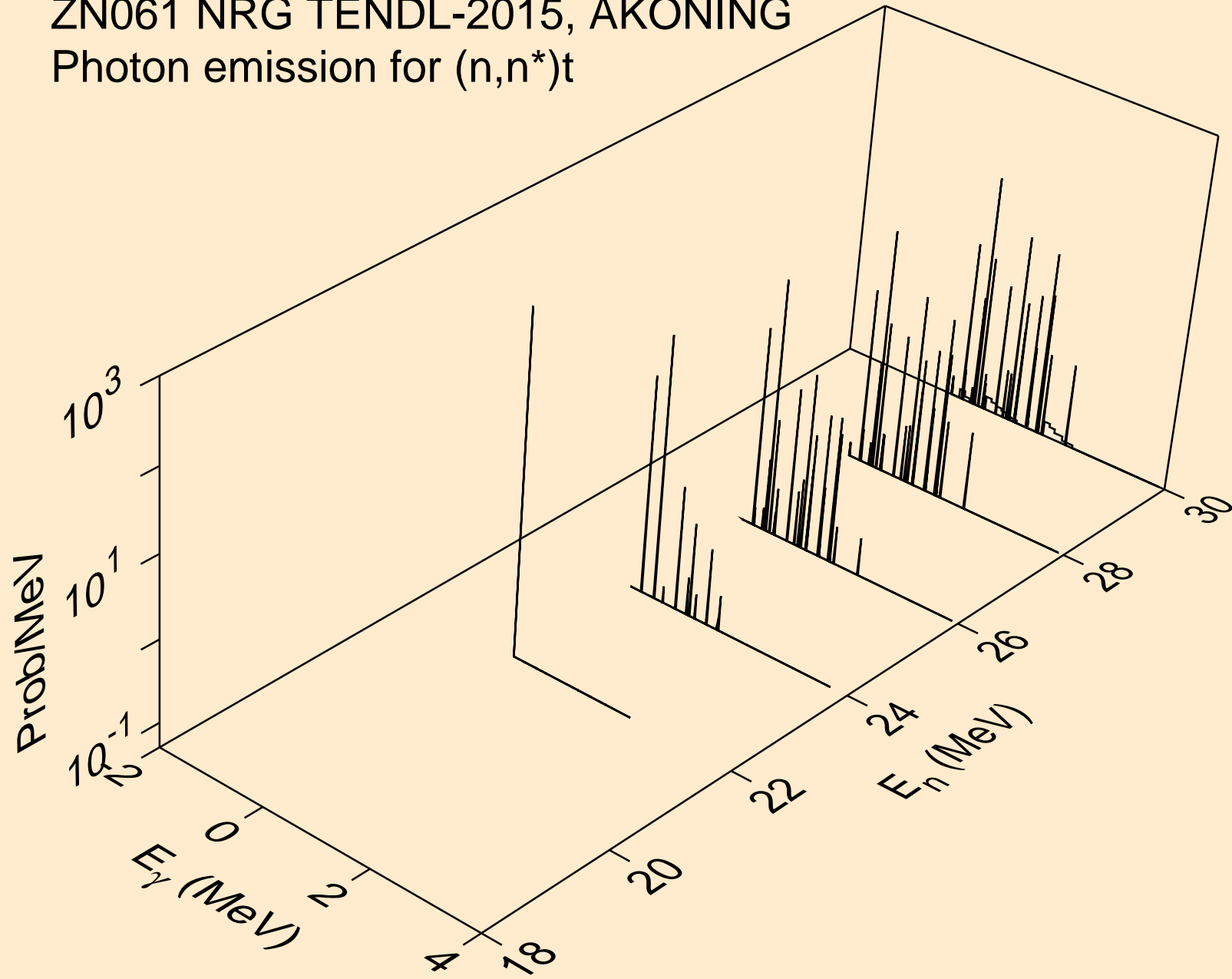
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Photon emission for (n,n\*)2a



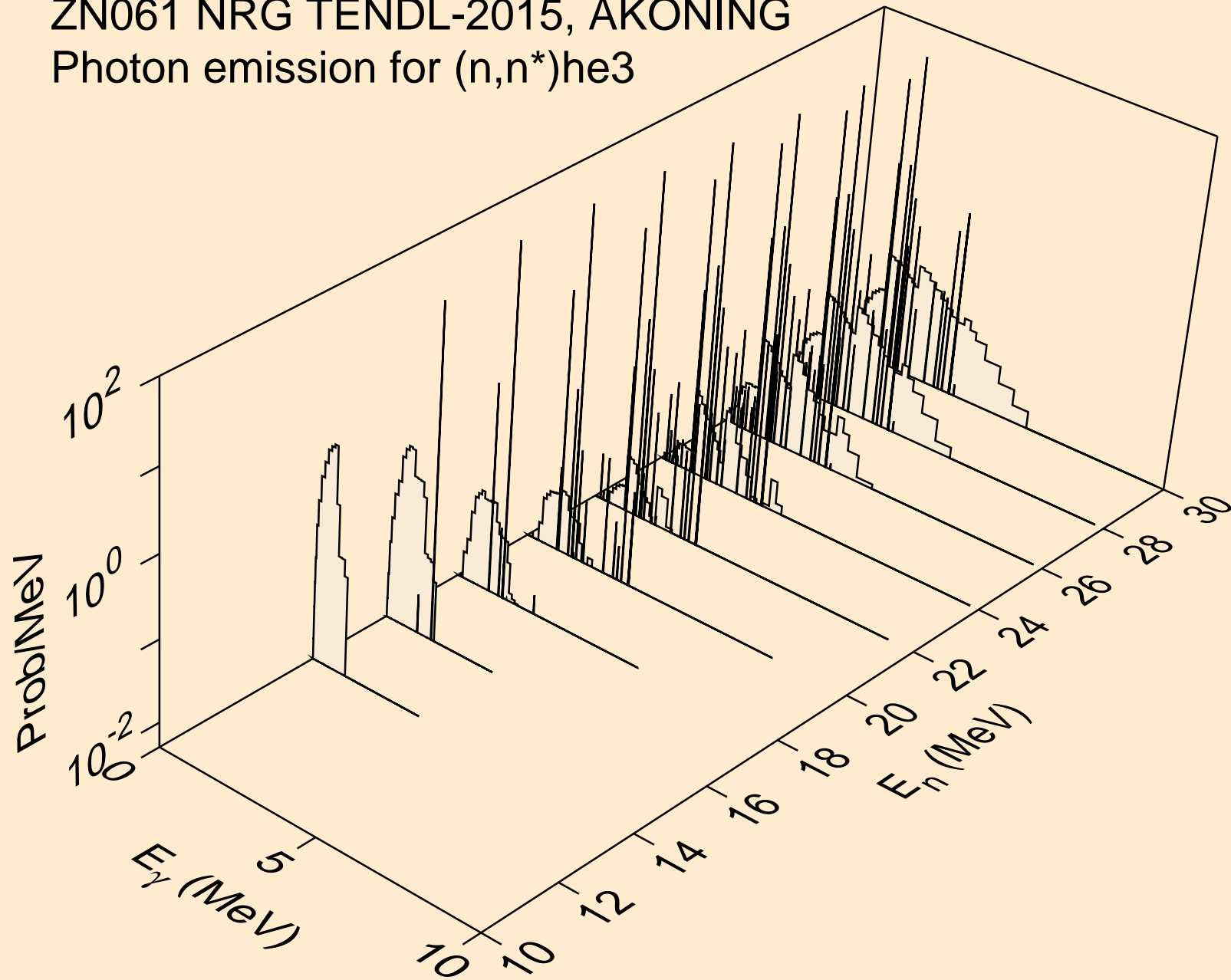
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Photon emission for (n,n\*)d



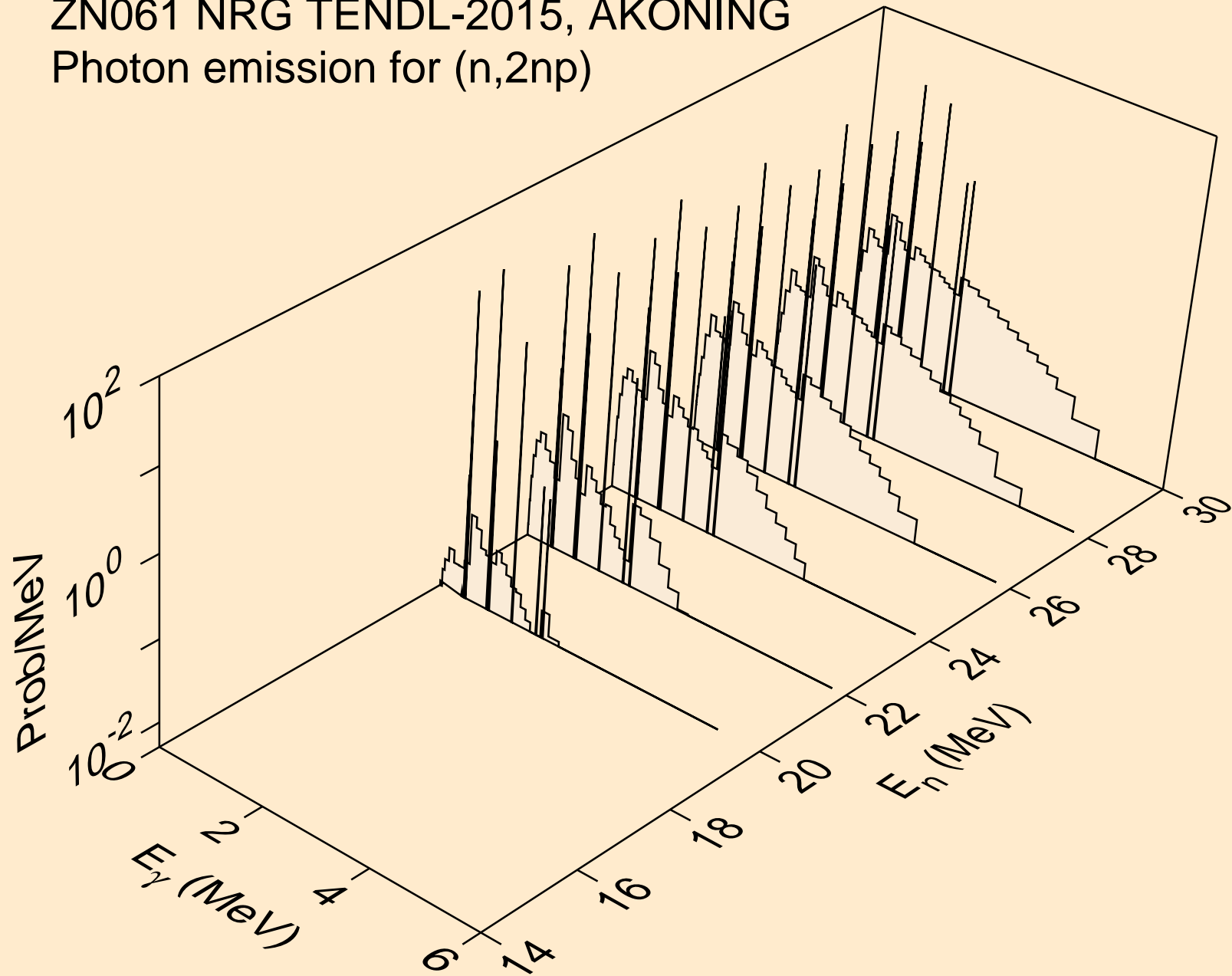
ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



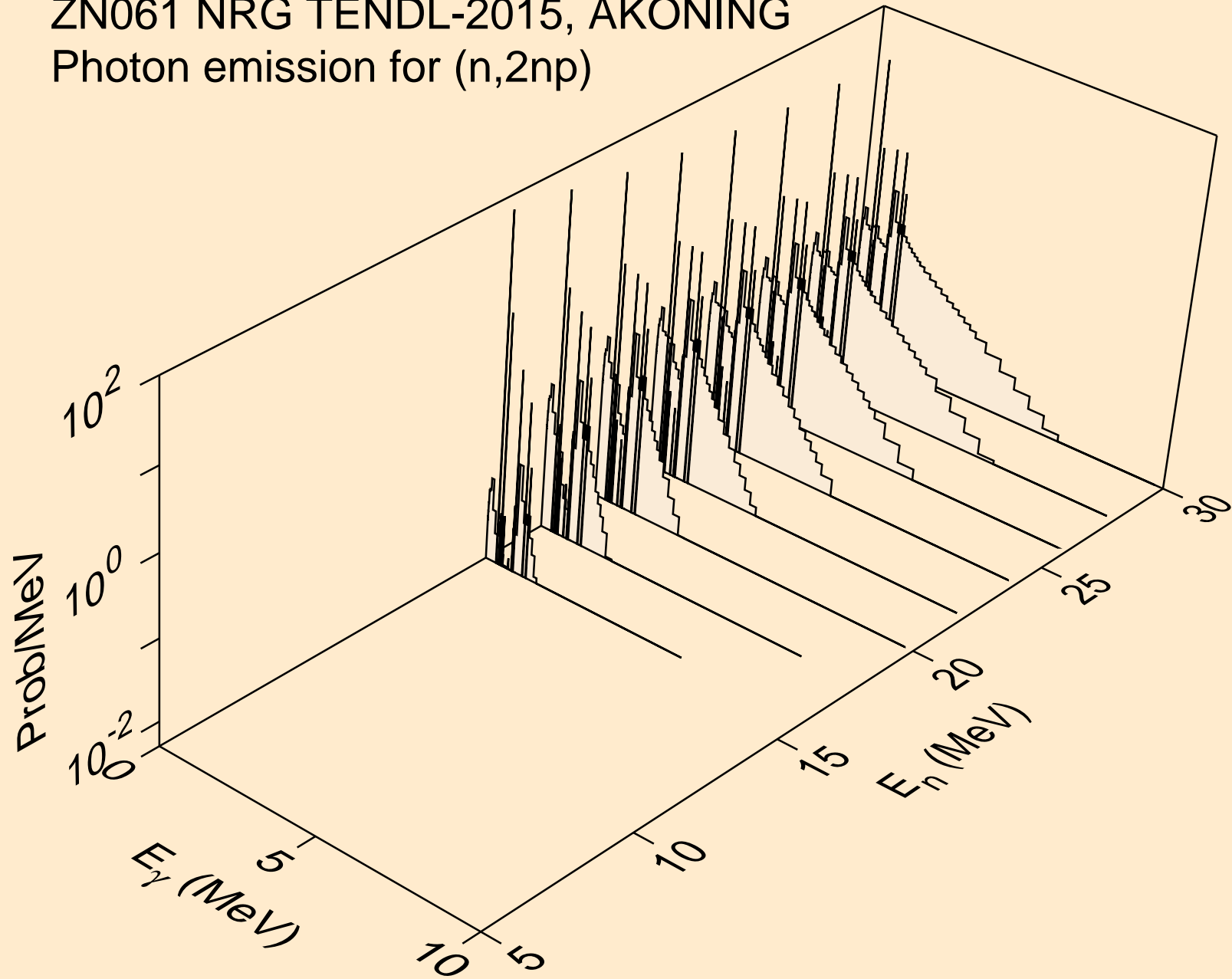
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Photon emission for (n,n\*)he3



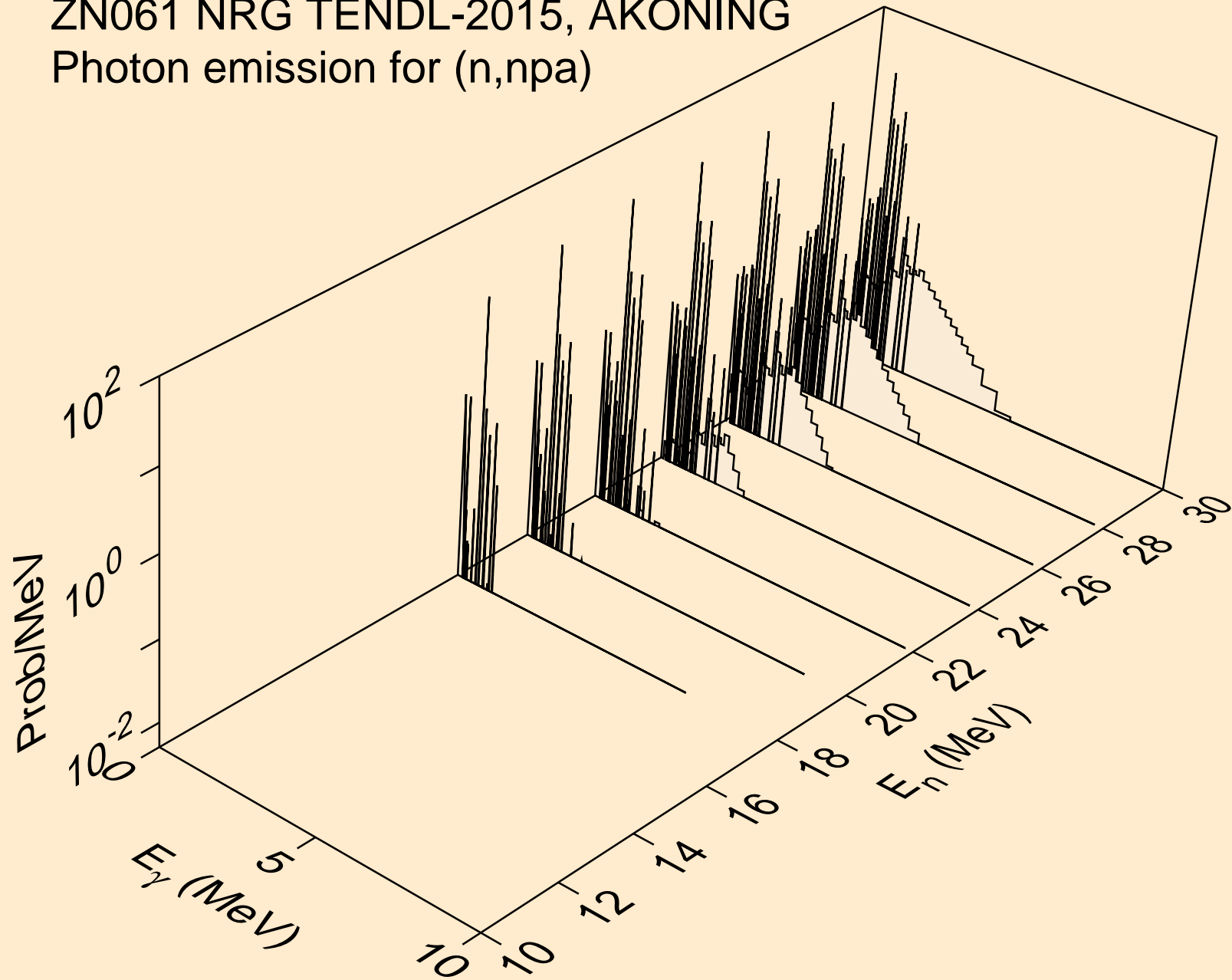
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Photon emission for (n,2np)



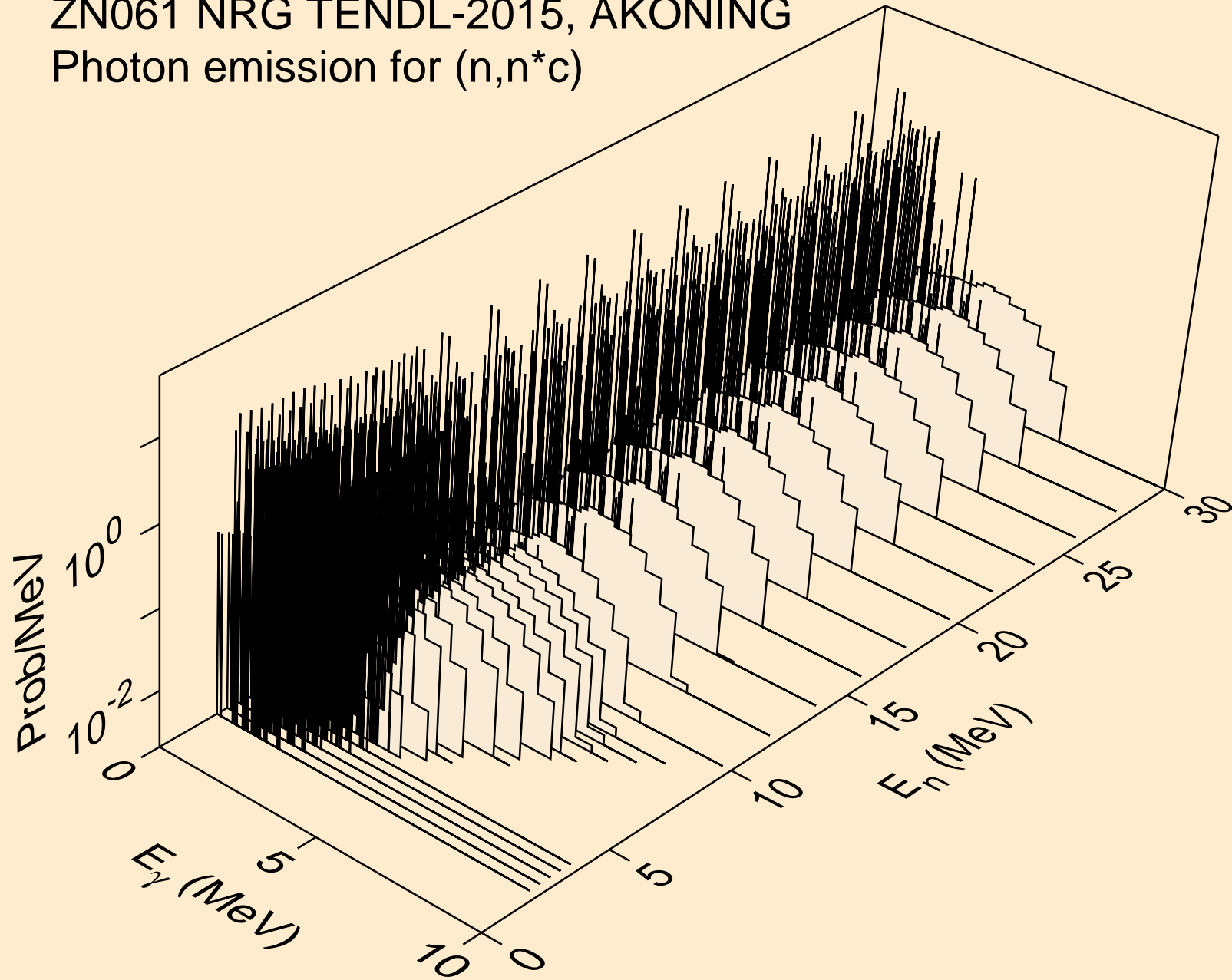
ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

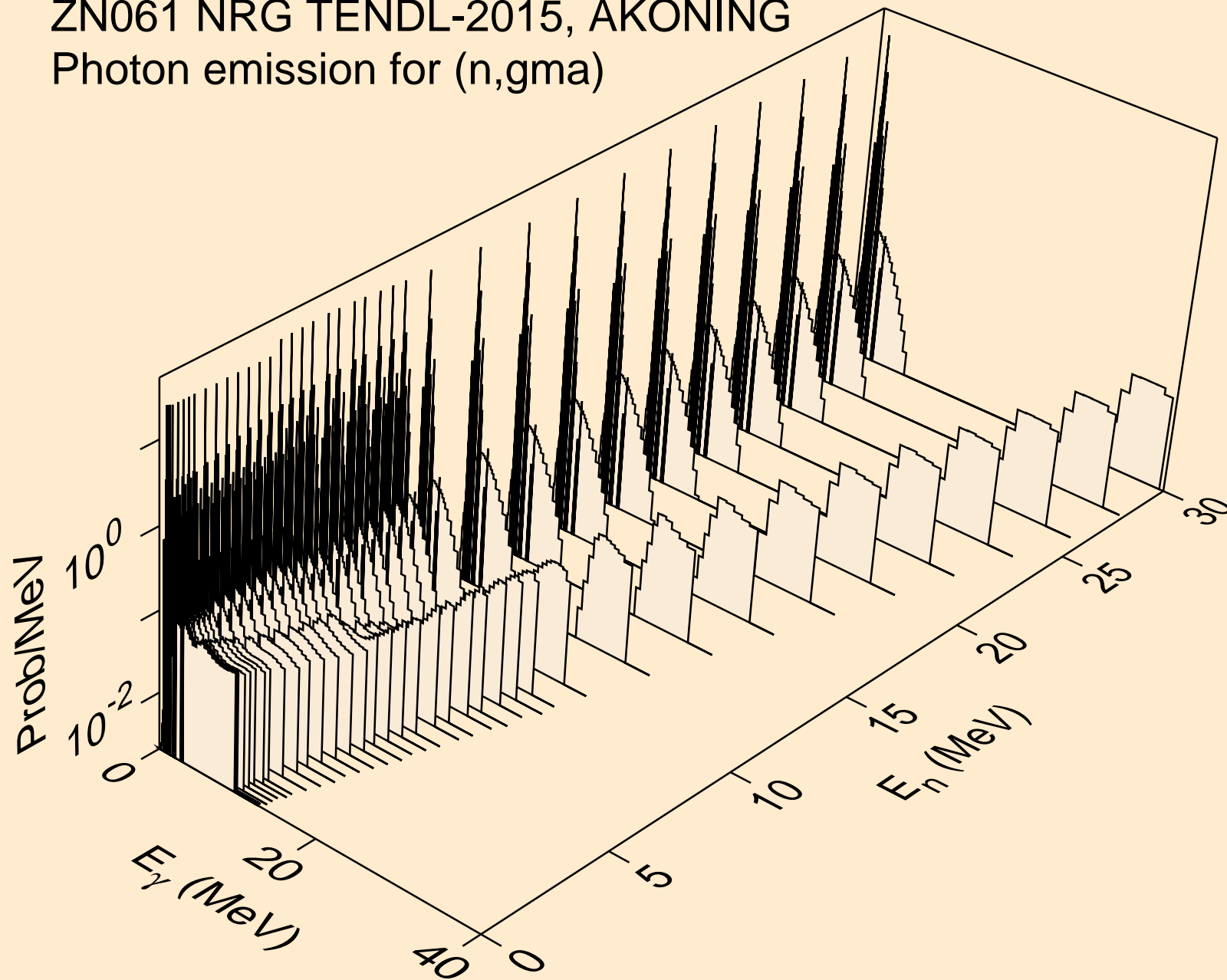


ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

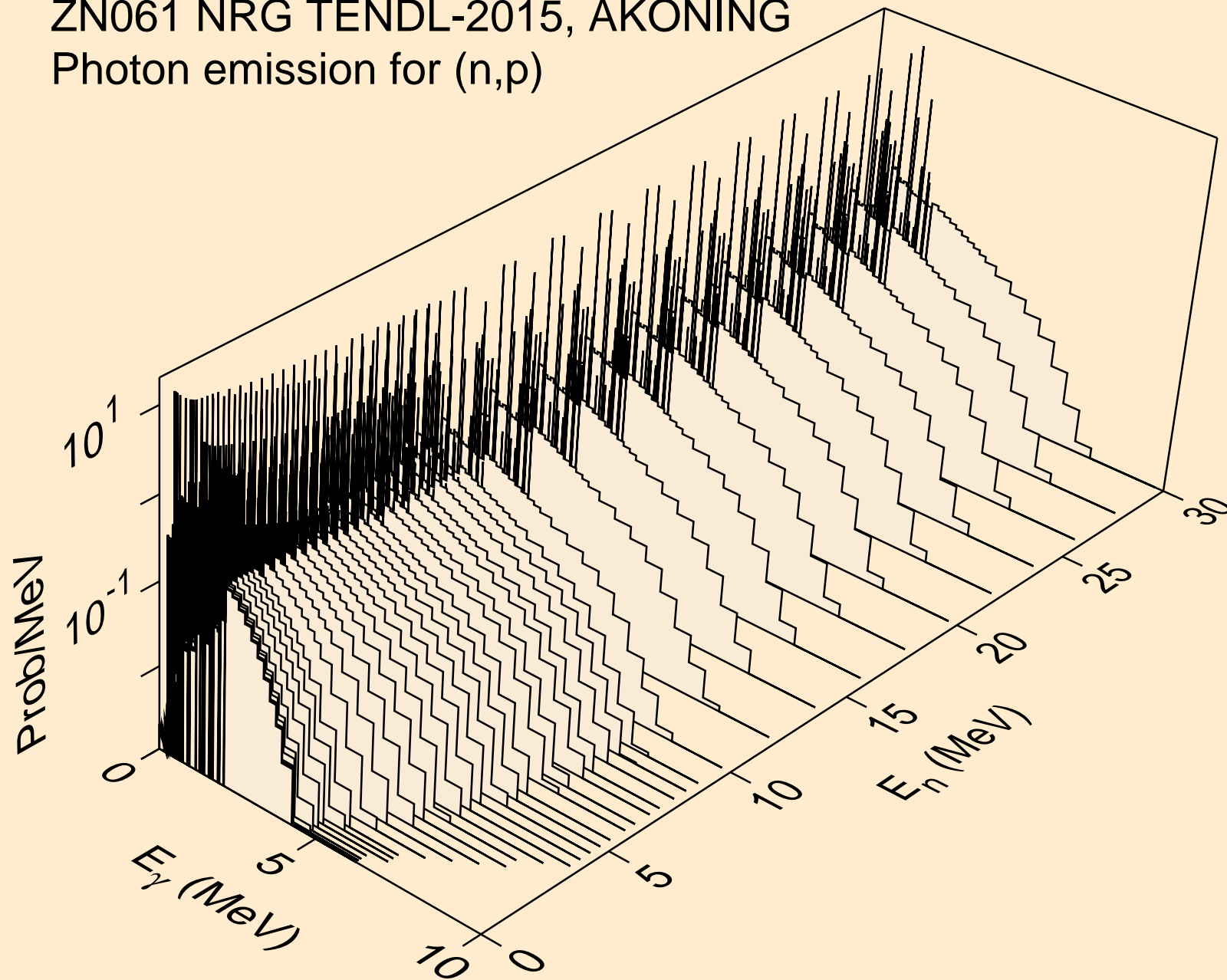




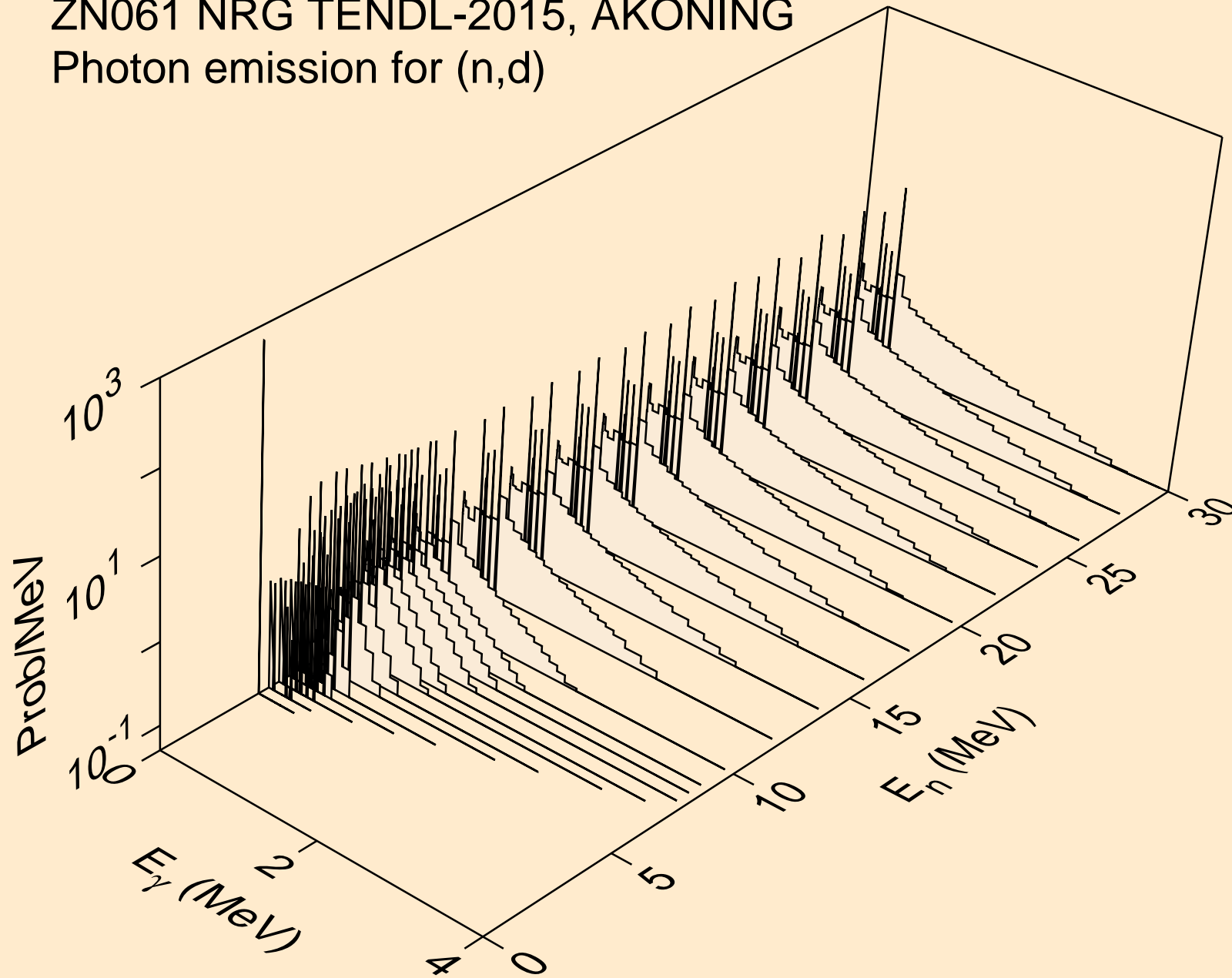
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Photon emission for (n,gma)



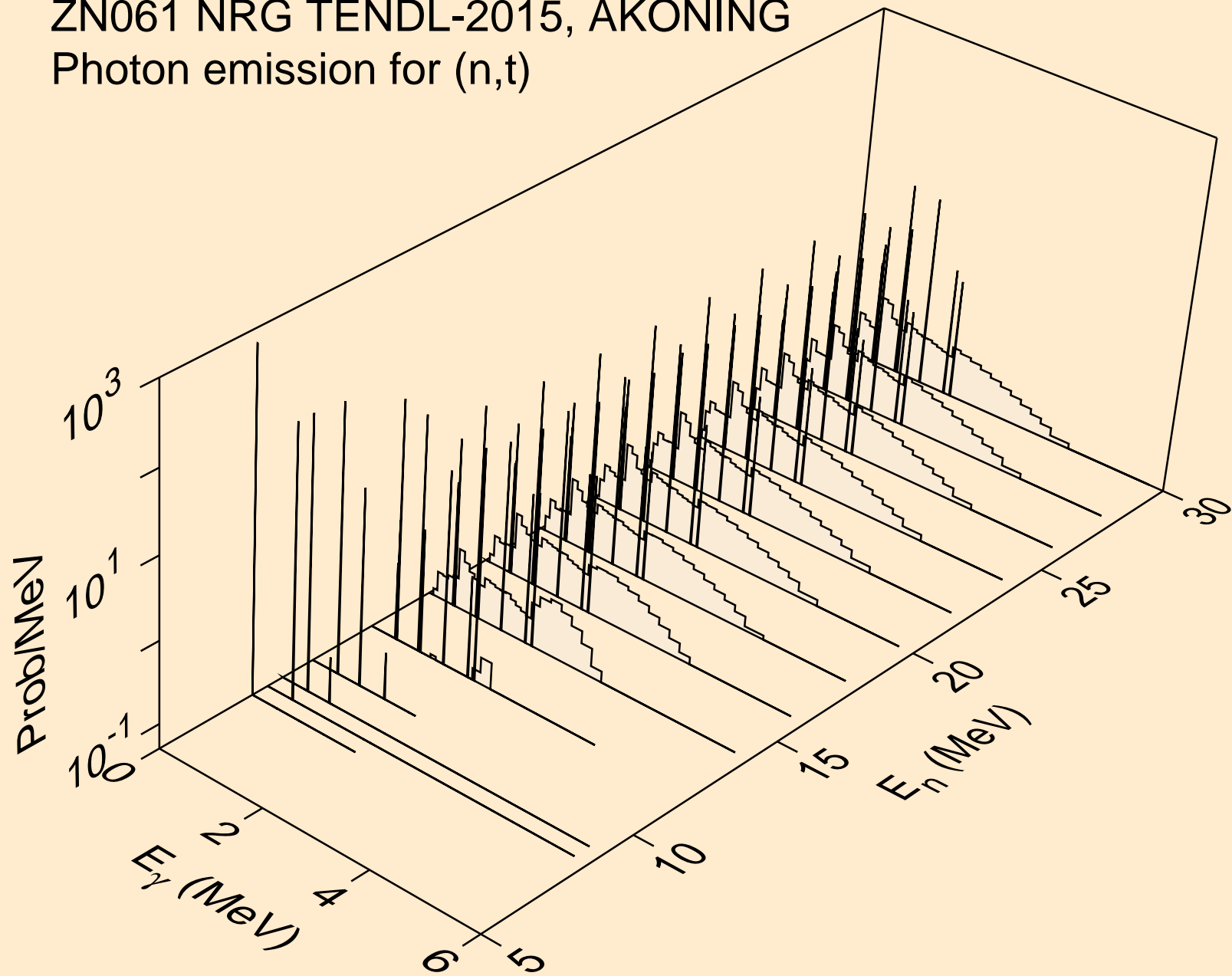
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Photon emission for (n,p)



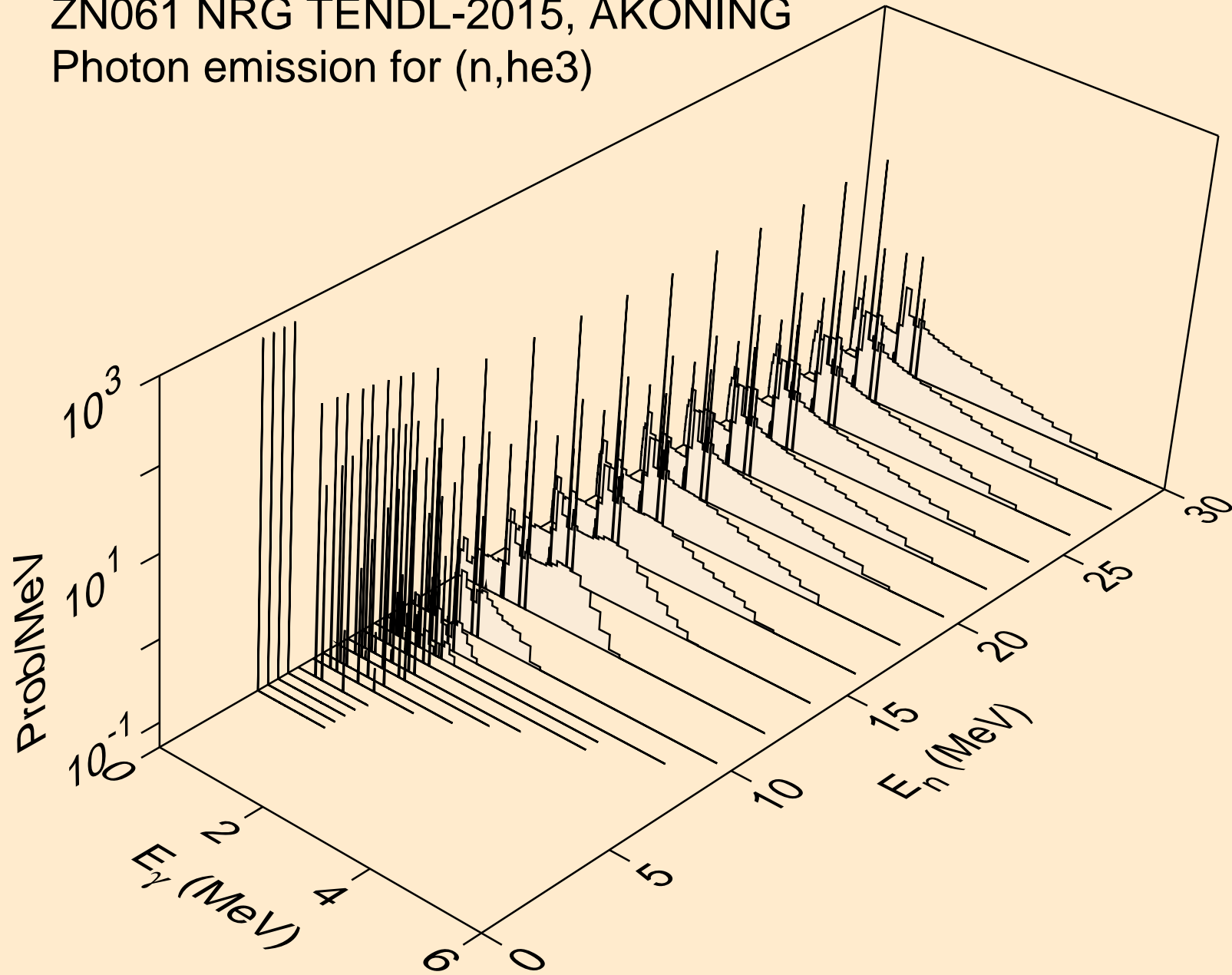
ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



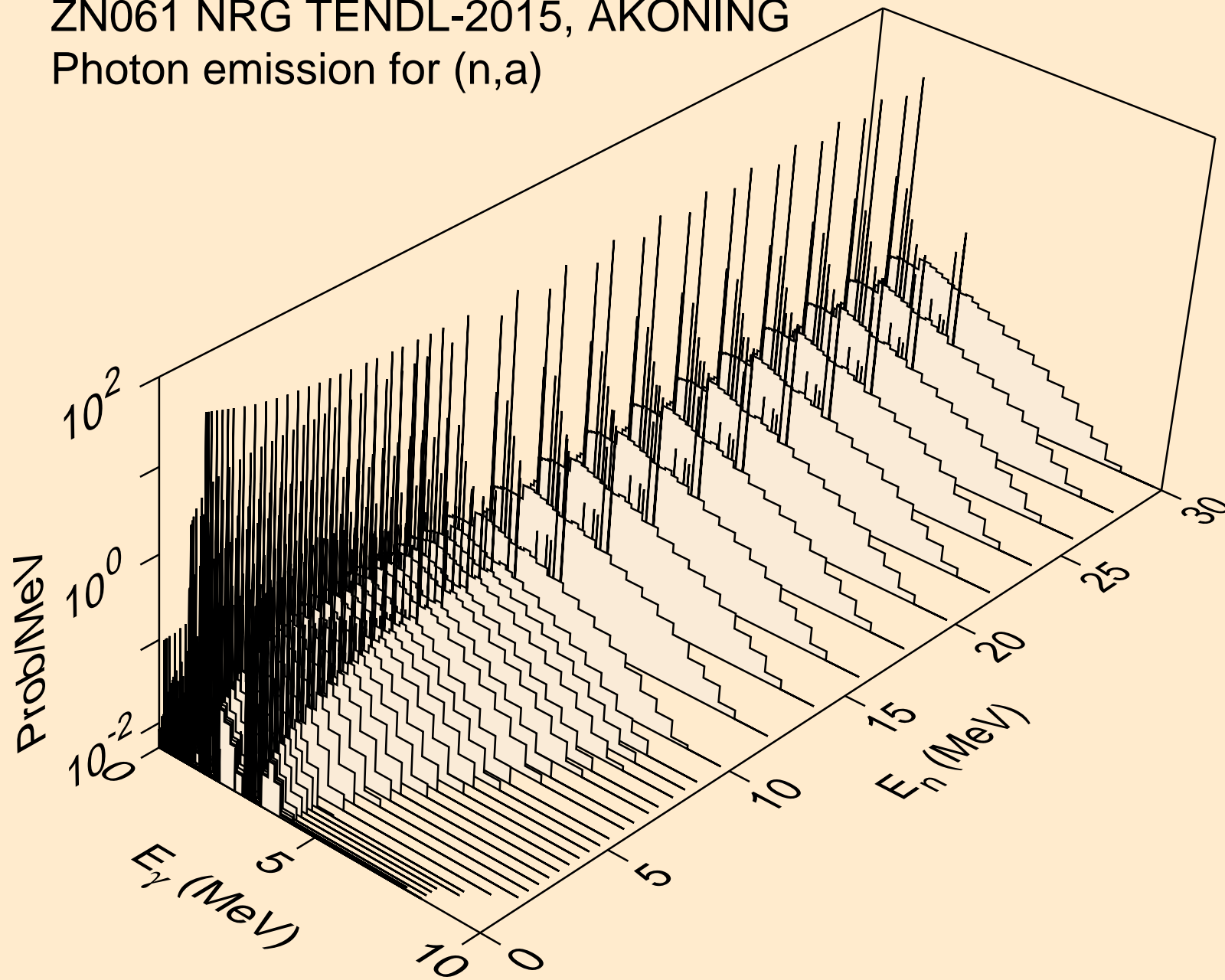
ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



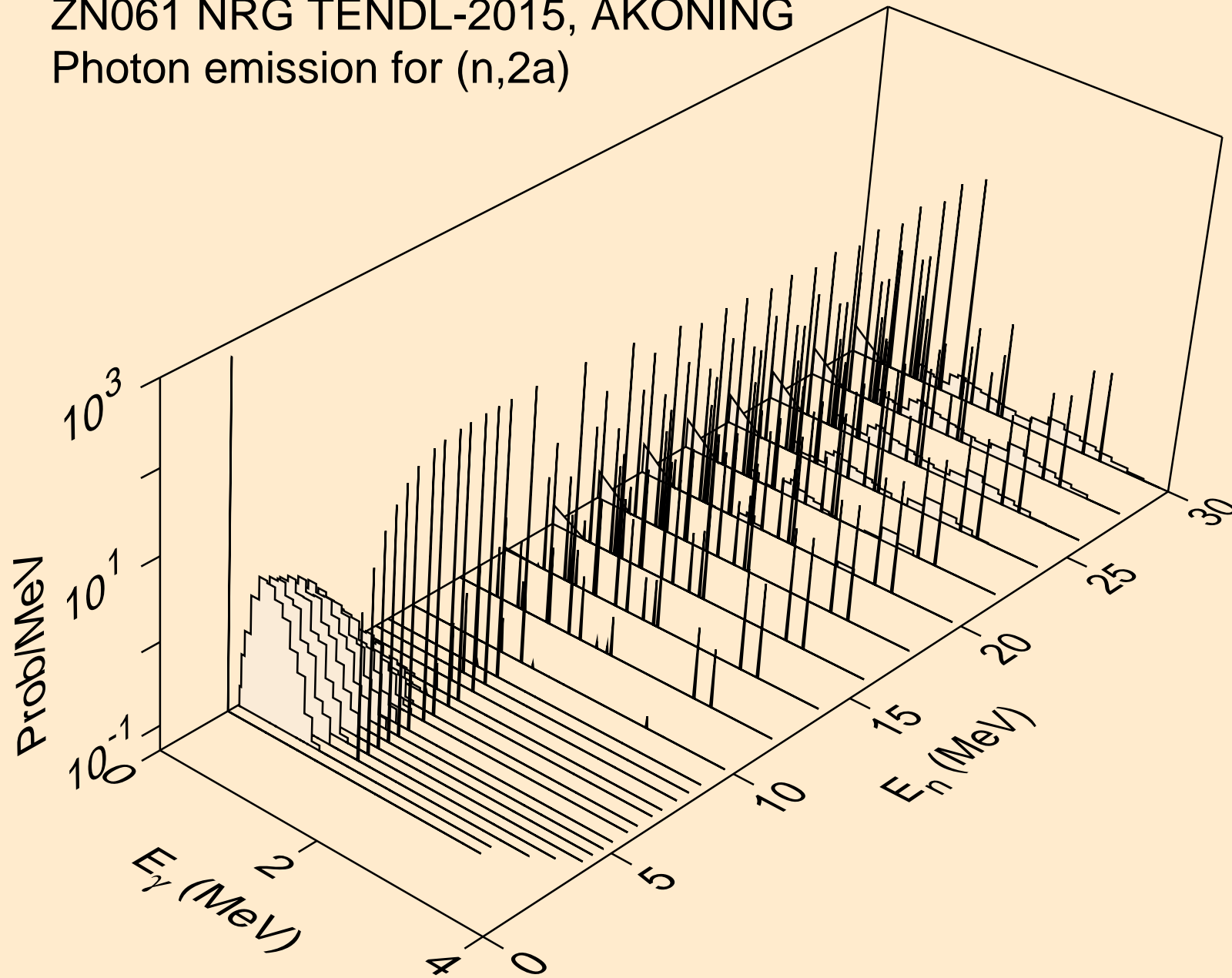
ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



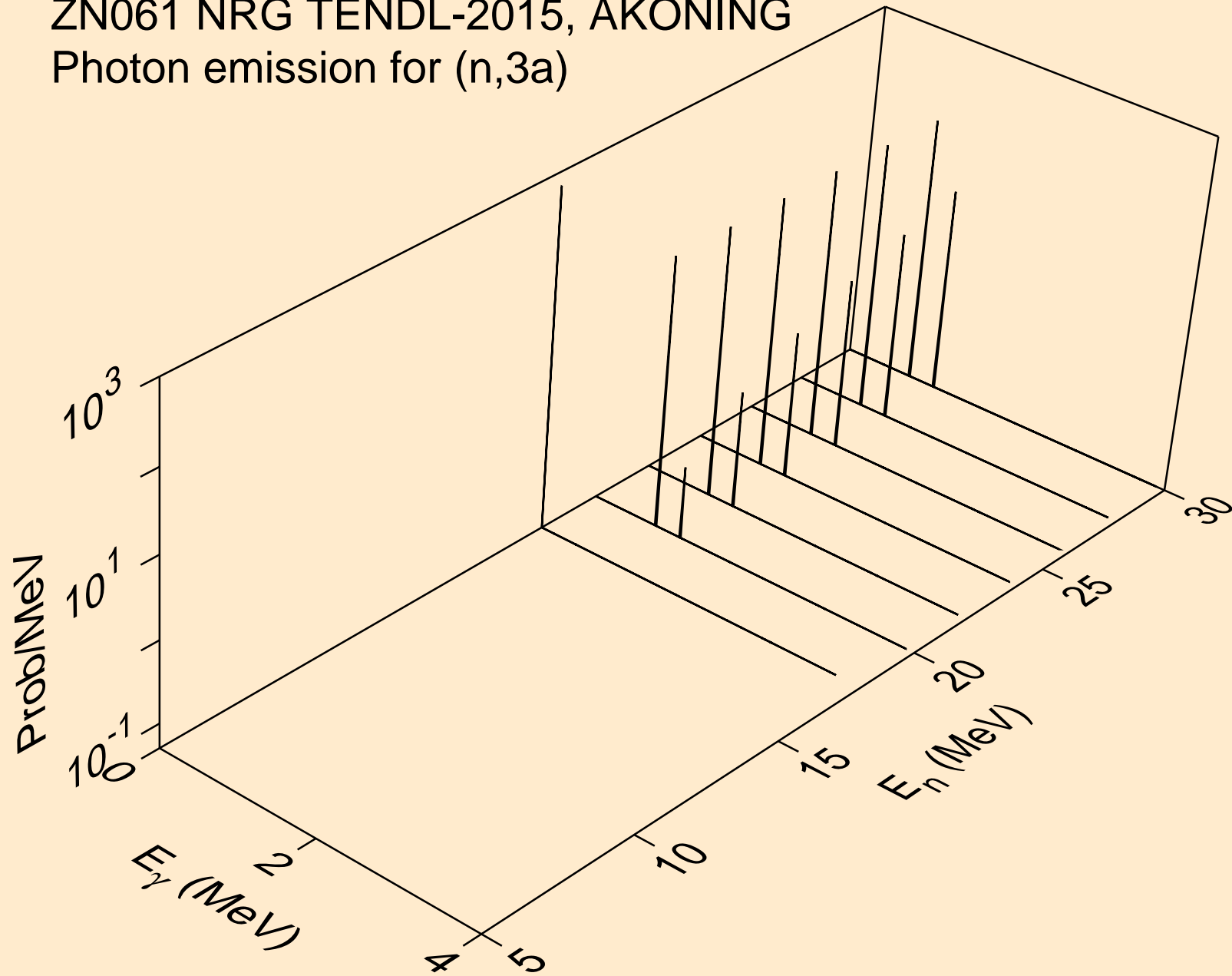
ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

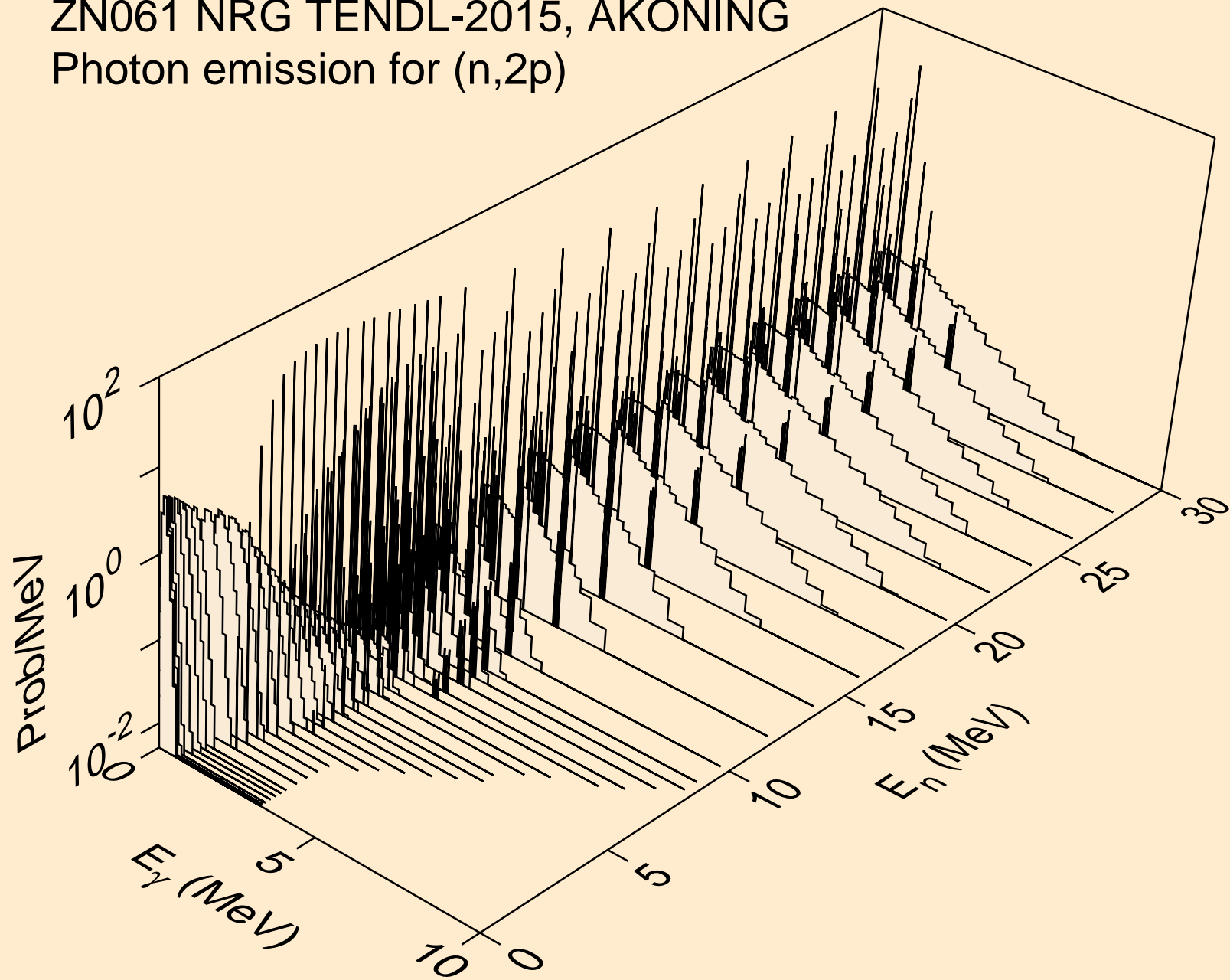


ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

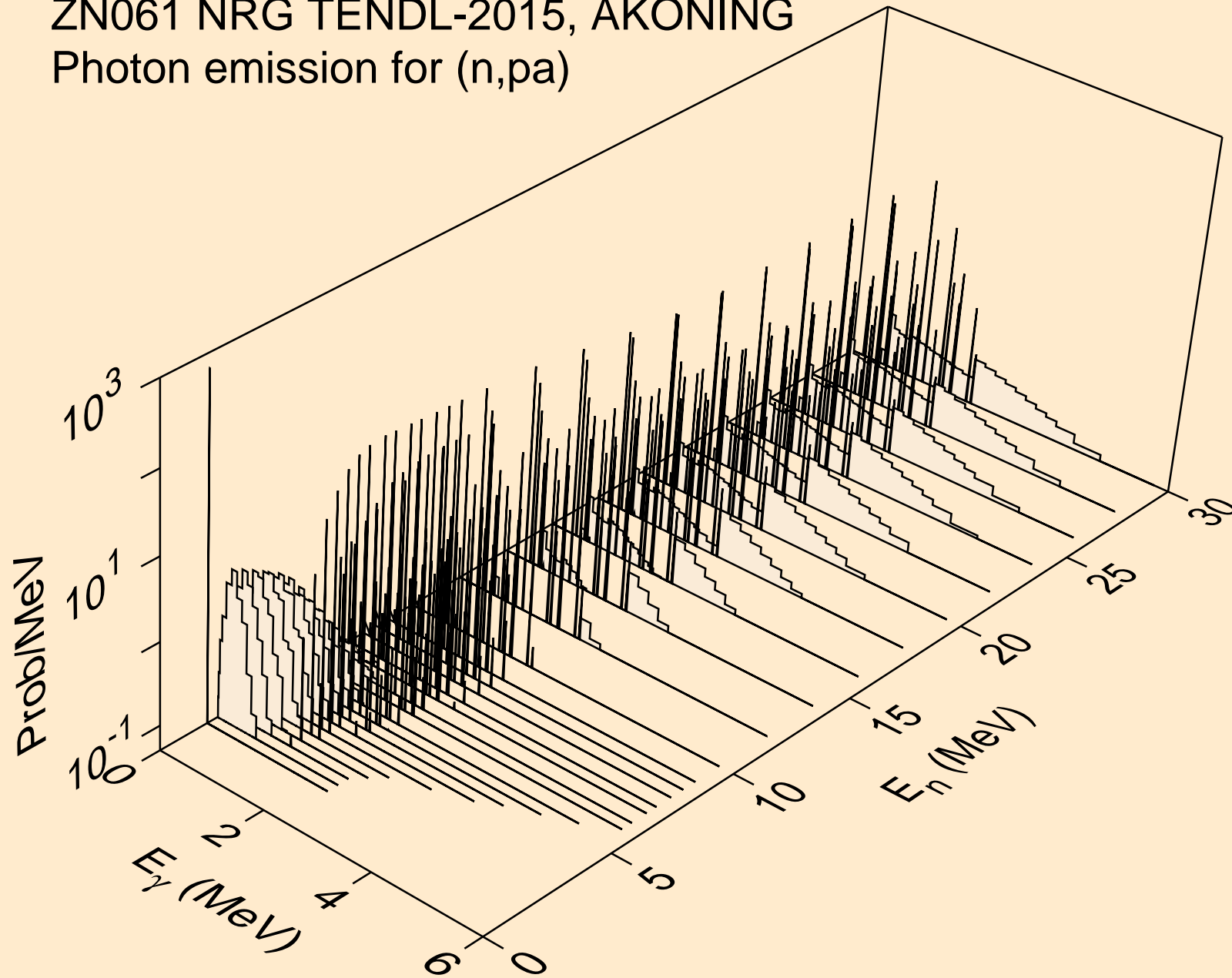




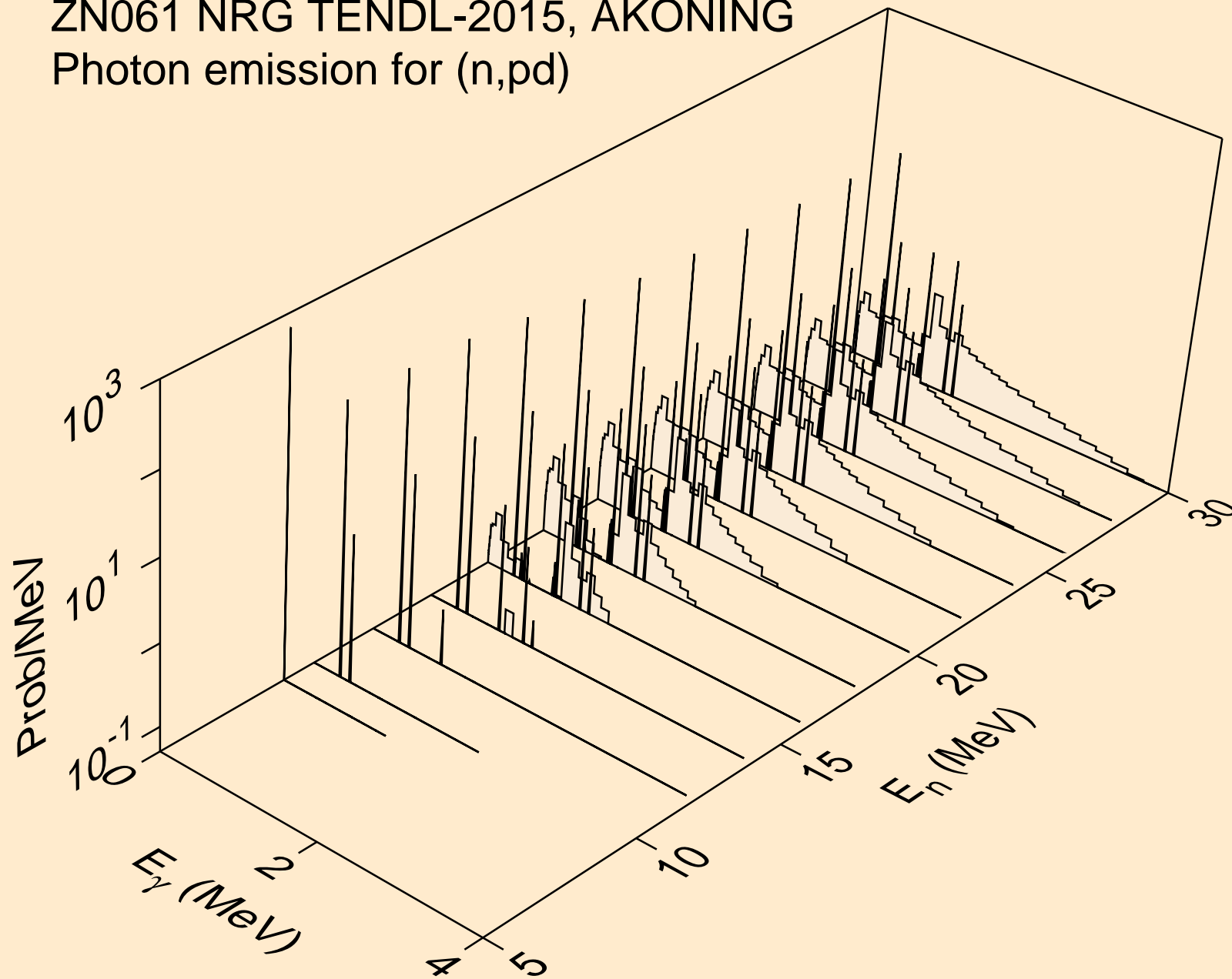
ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



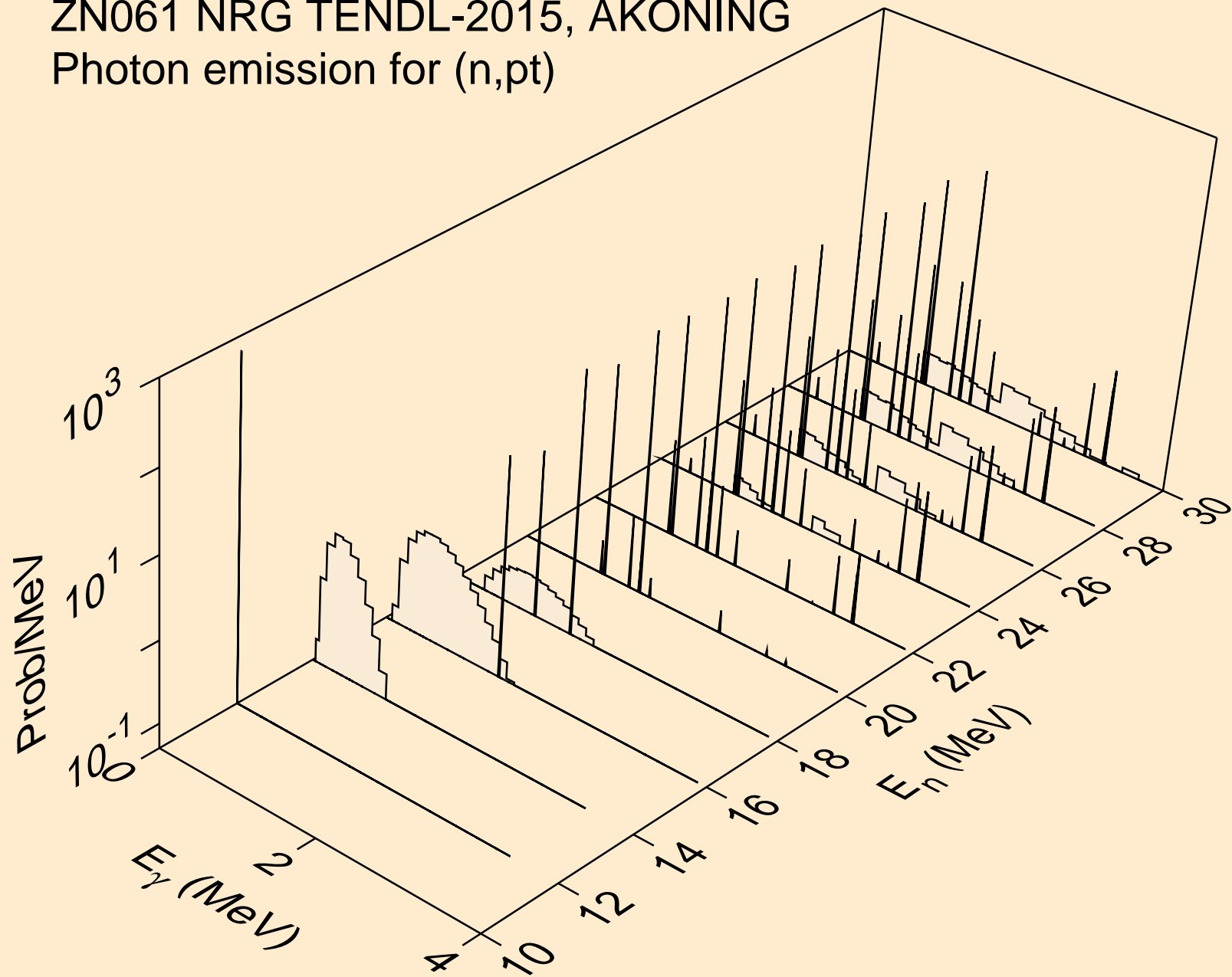
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Photon emission for (n,p $\alpha$ )



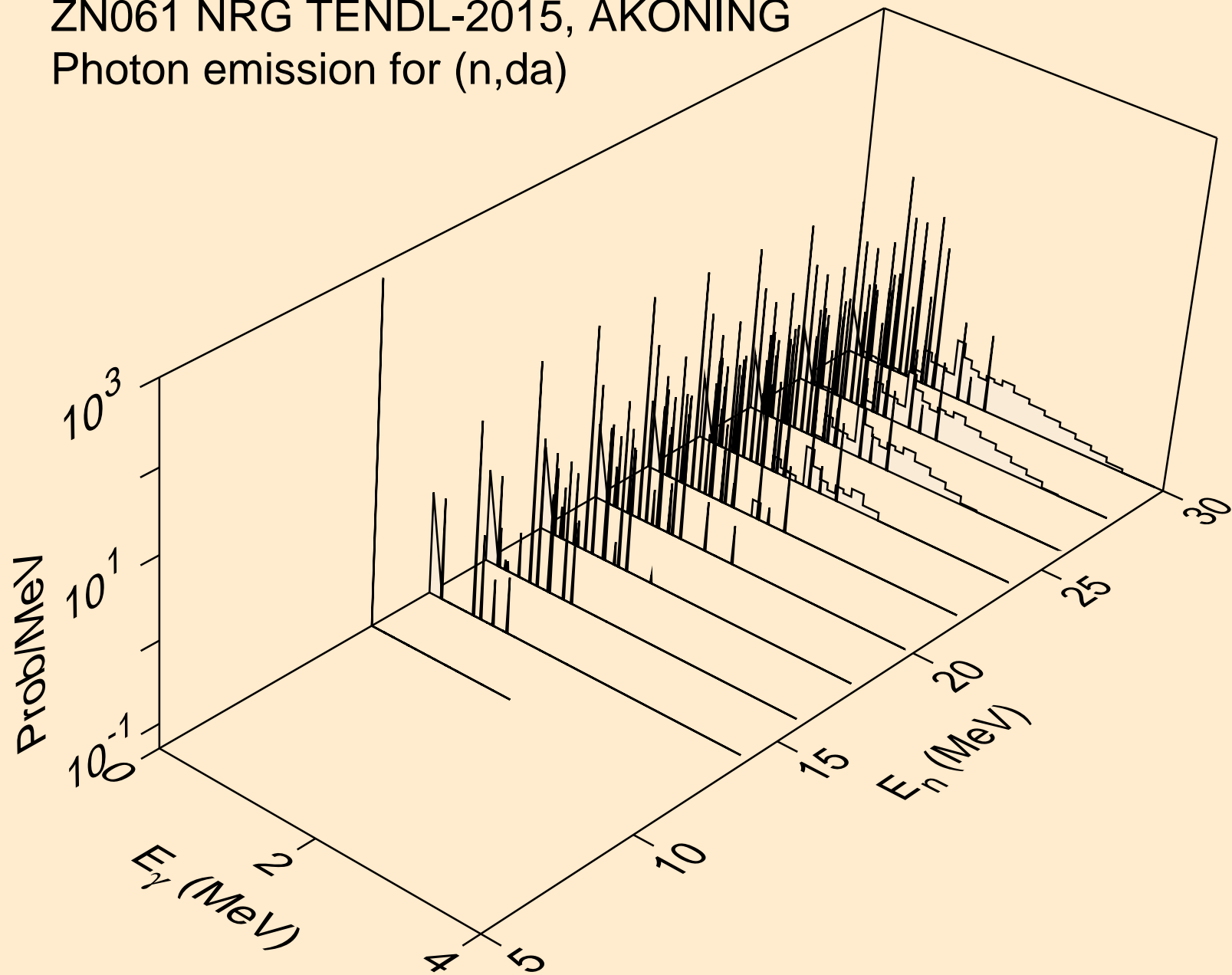
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Photon emission for (n,pd)



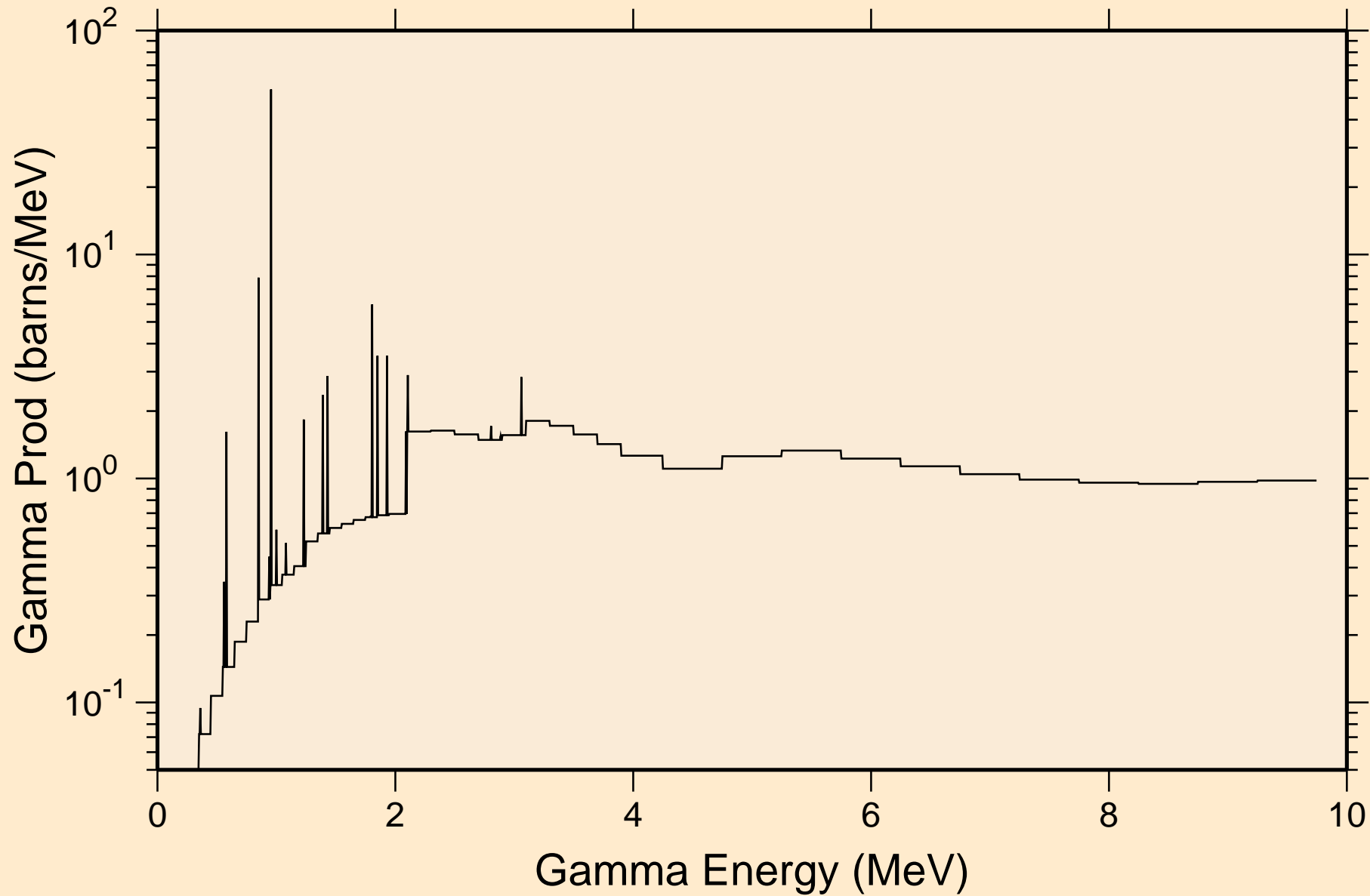
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Photon emission for (n,pt)



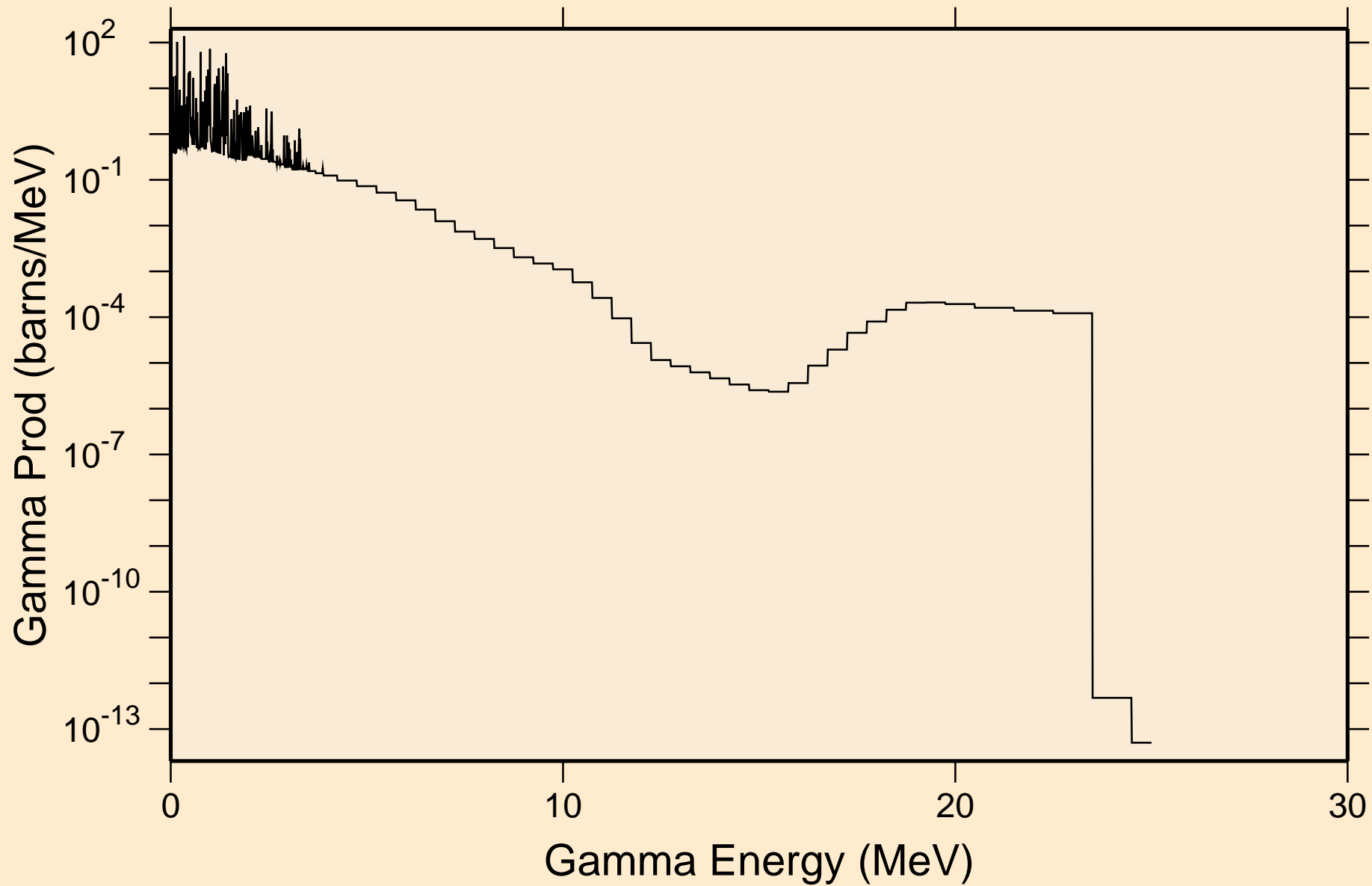
ZN061 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



ZN061 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

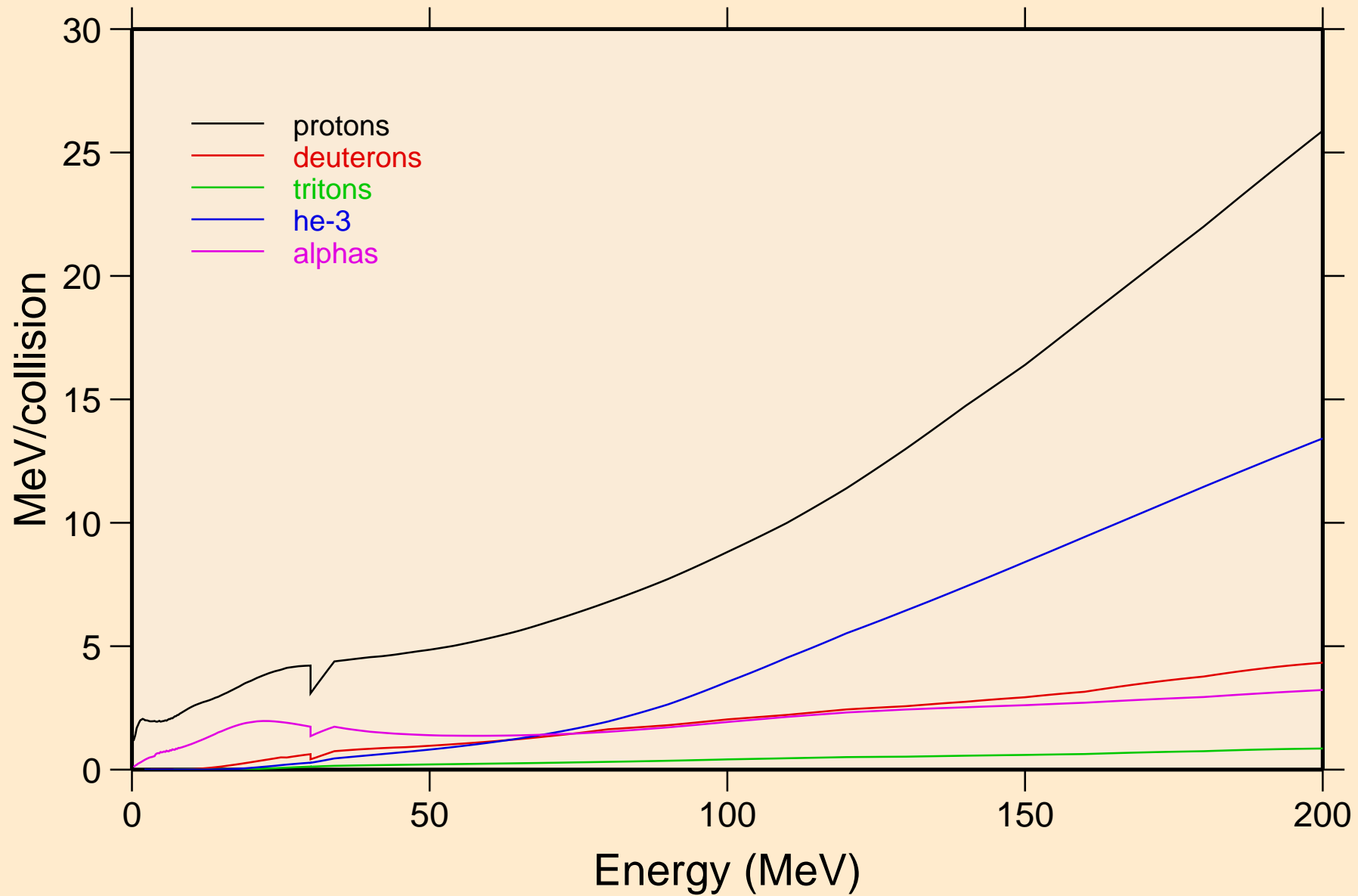


ZN061 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# ZN061 NRG TENDL-2015, AKONING

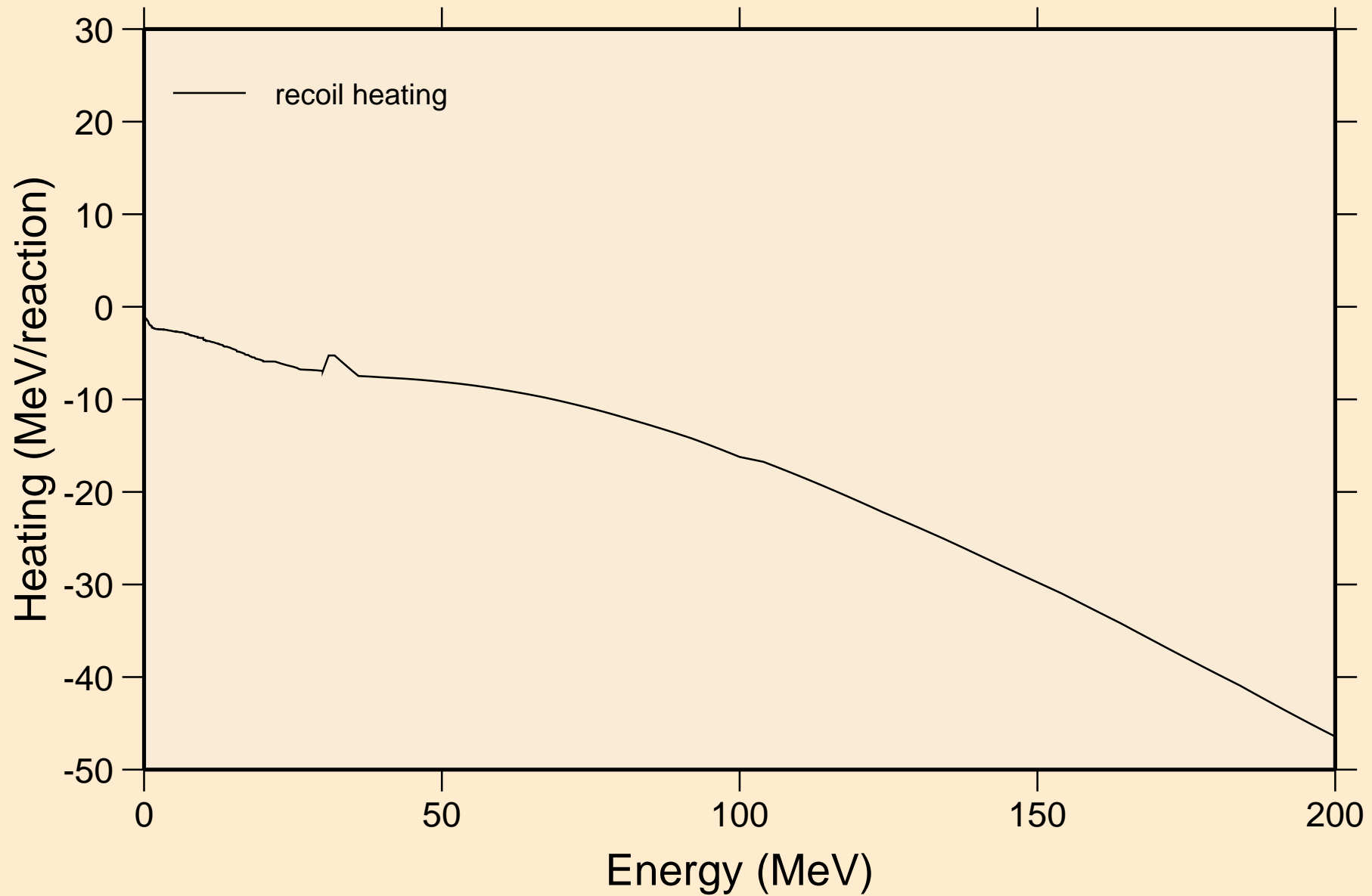
## Particle heating contributions





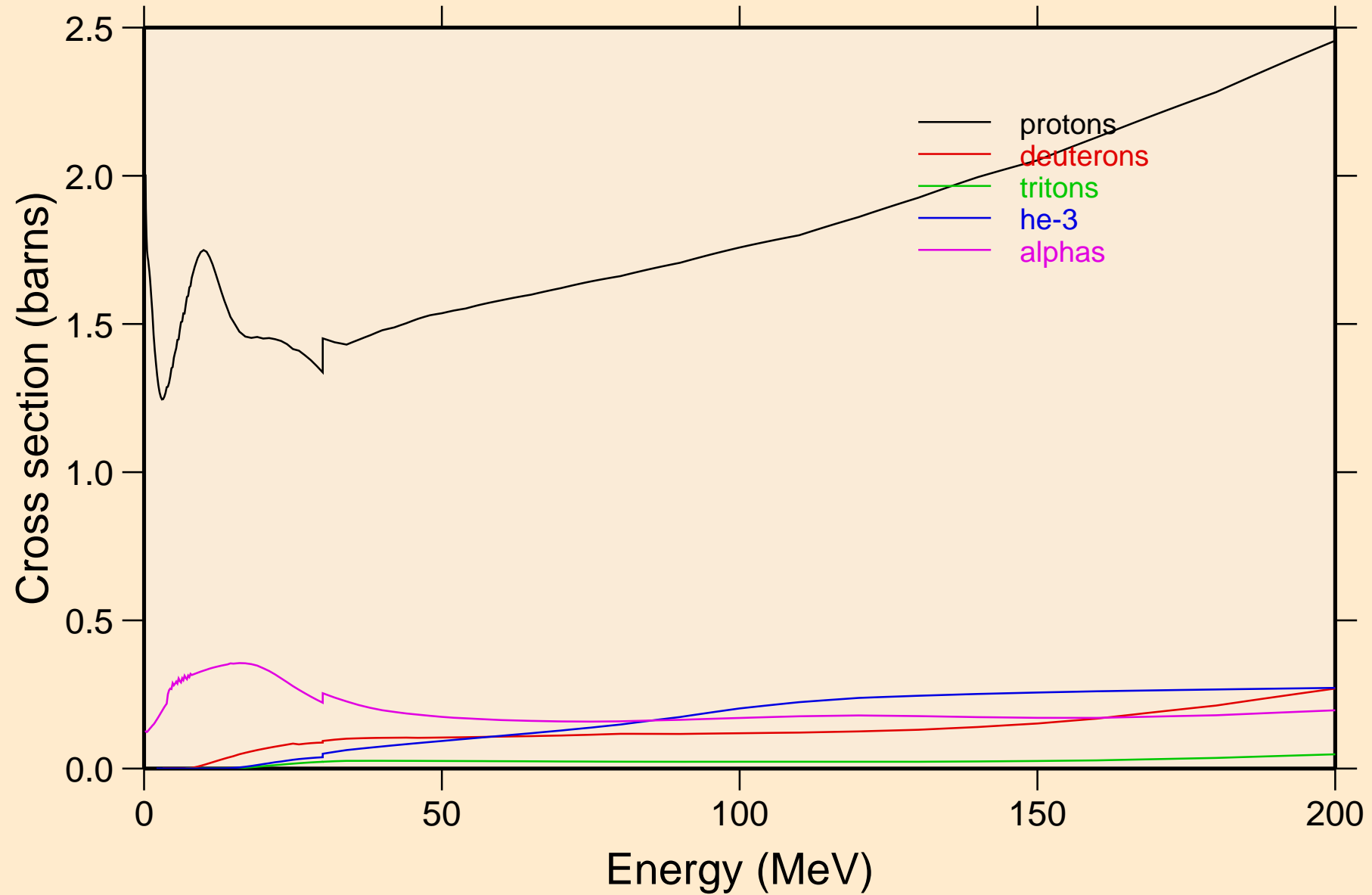
# ZN061 NRG TENDL-2015, AKONING

## Recoil Heating

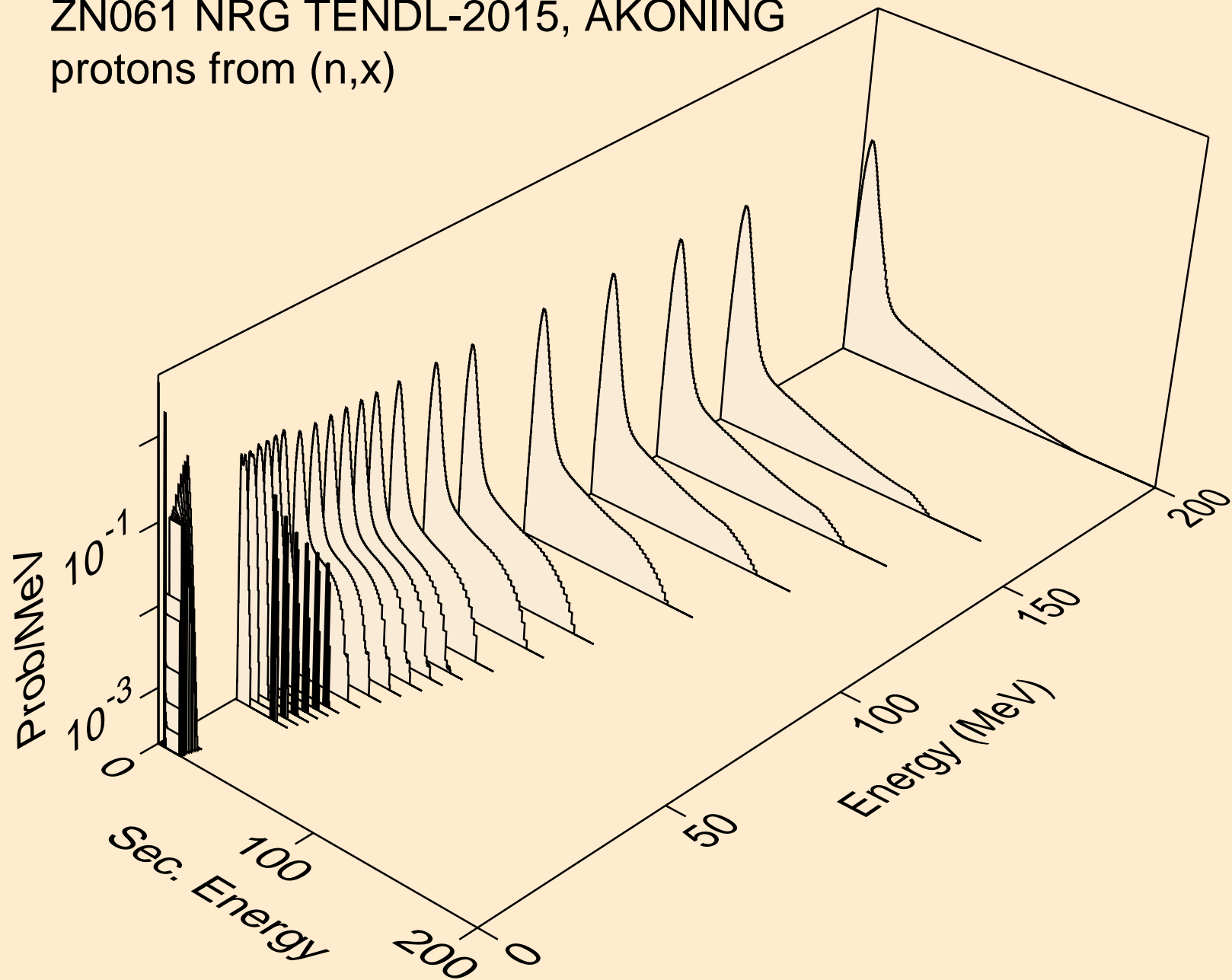


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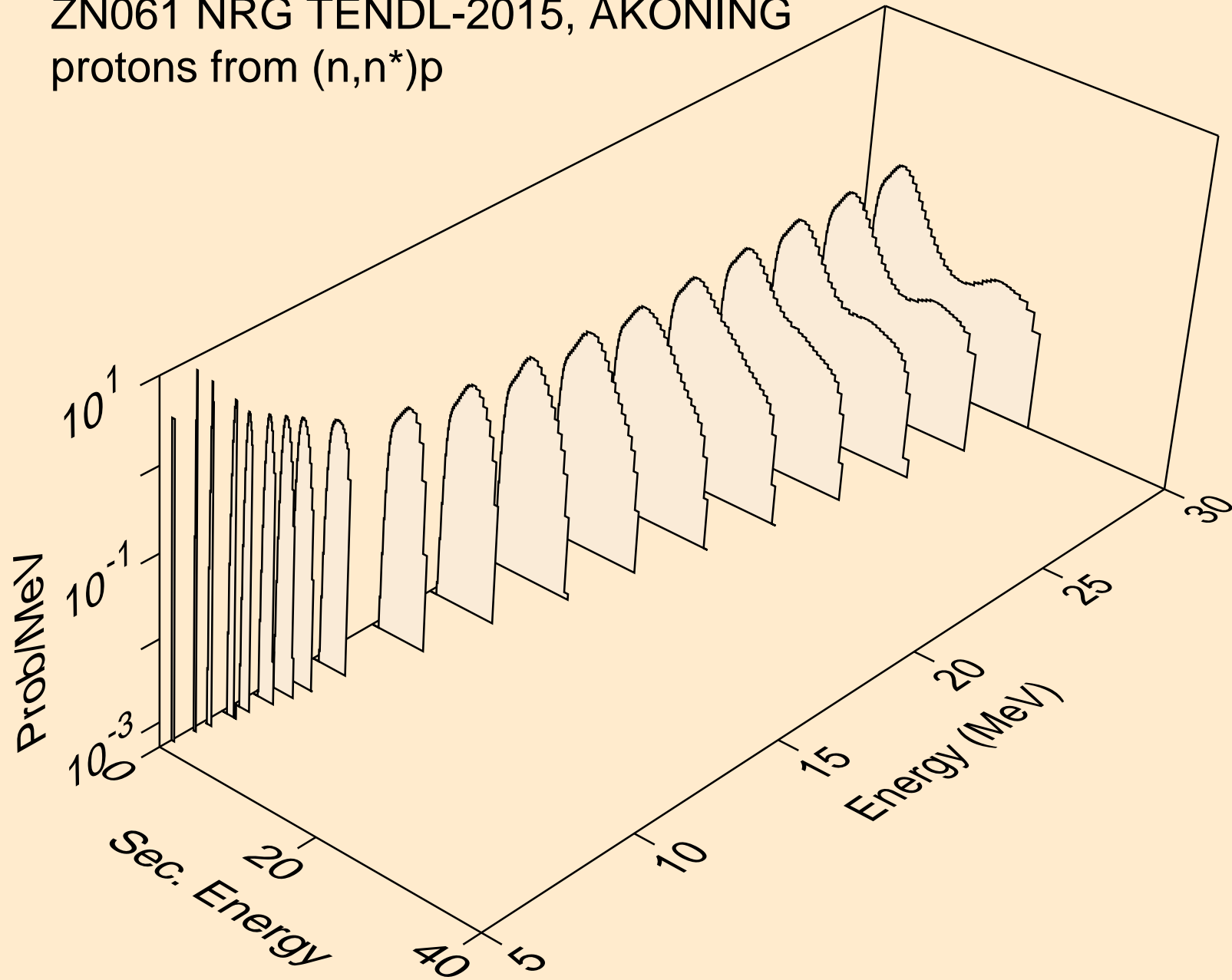
## Particle production cross sections



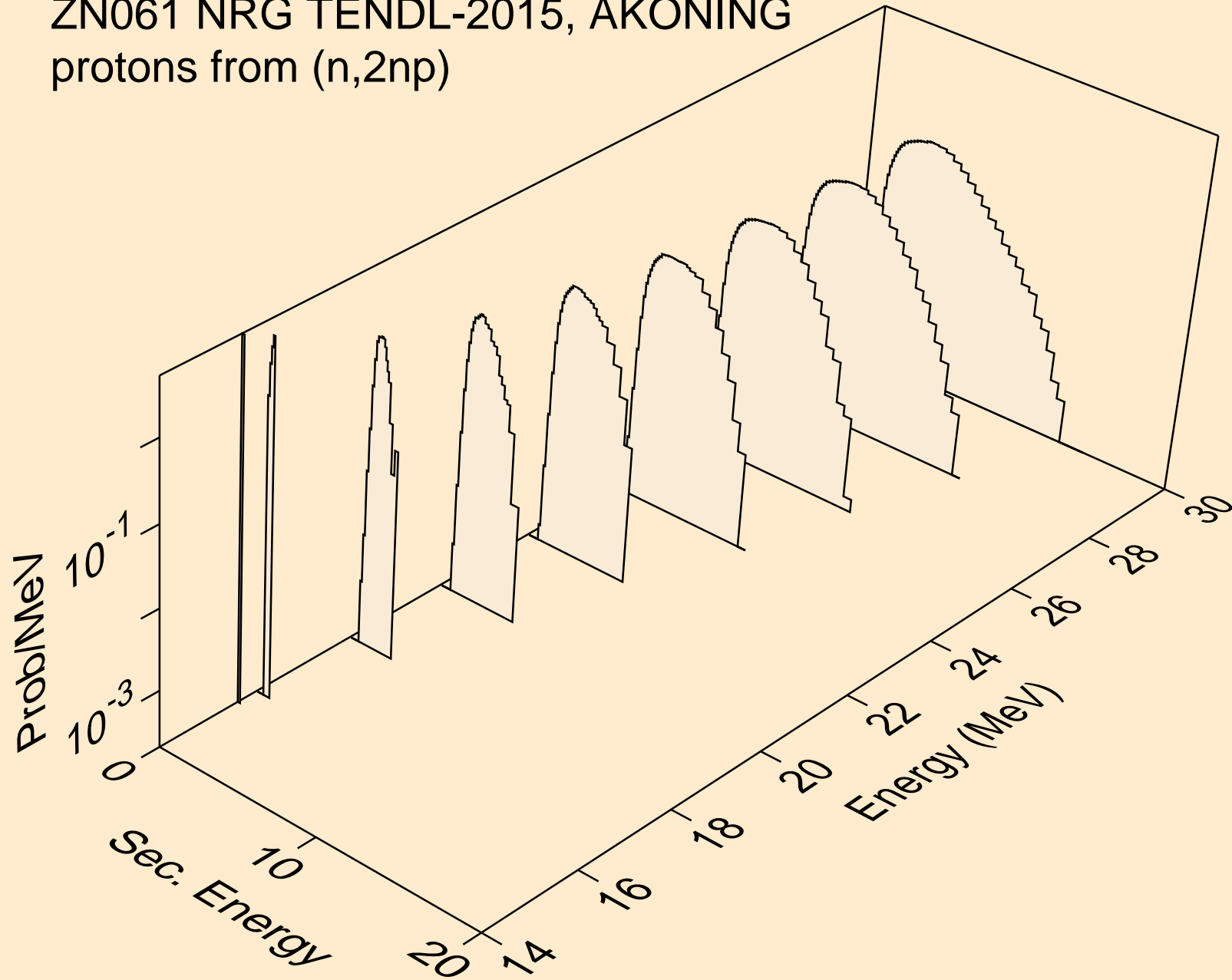
ZN061 NRG TENDL-2015, AKONING  
protons from (n,x)



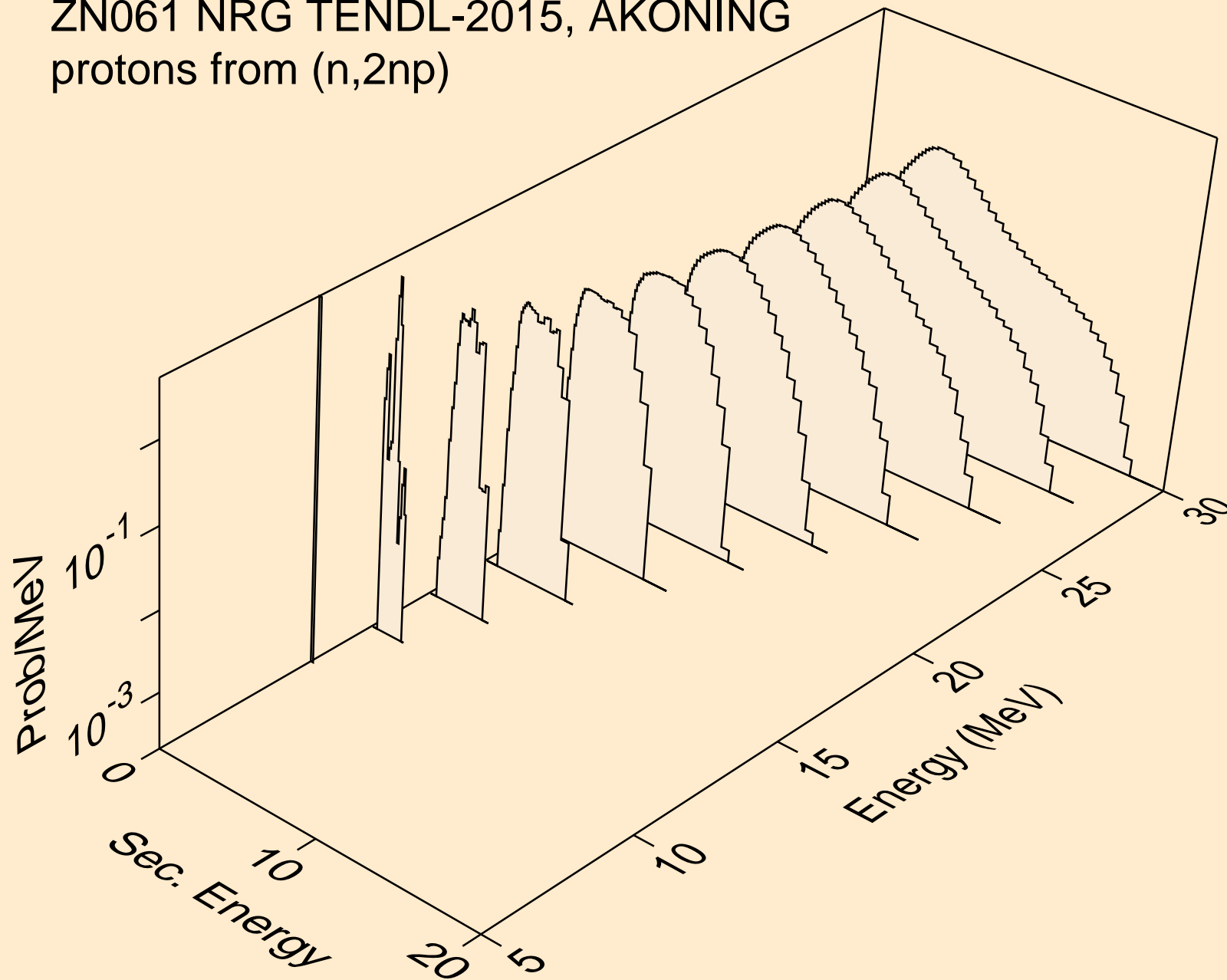
ZN061 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



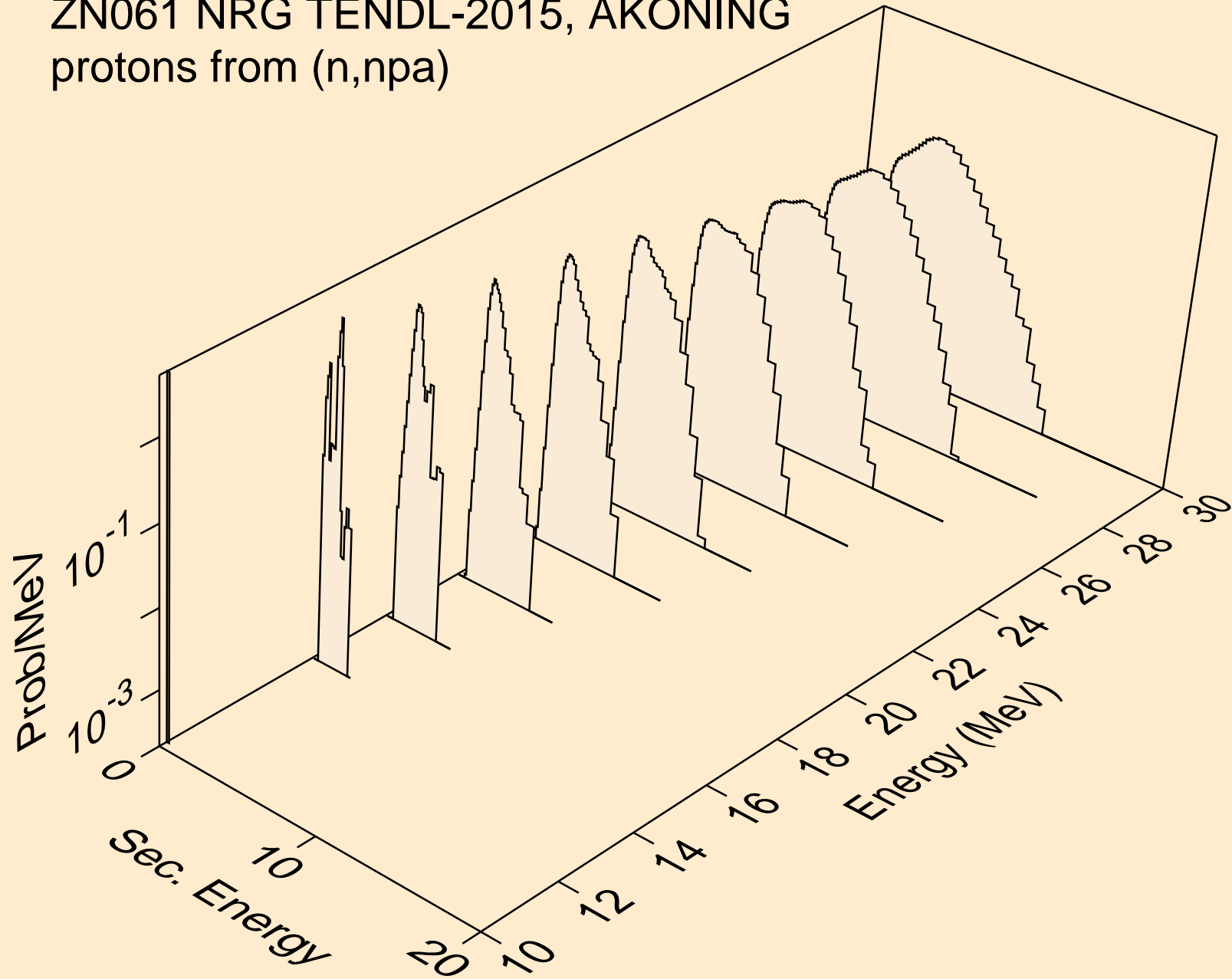
ZN061 NRG TENDL-2015, AKONING  
protons from (n,2np)



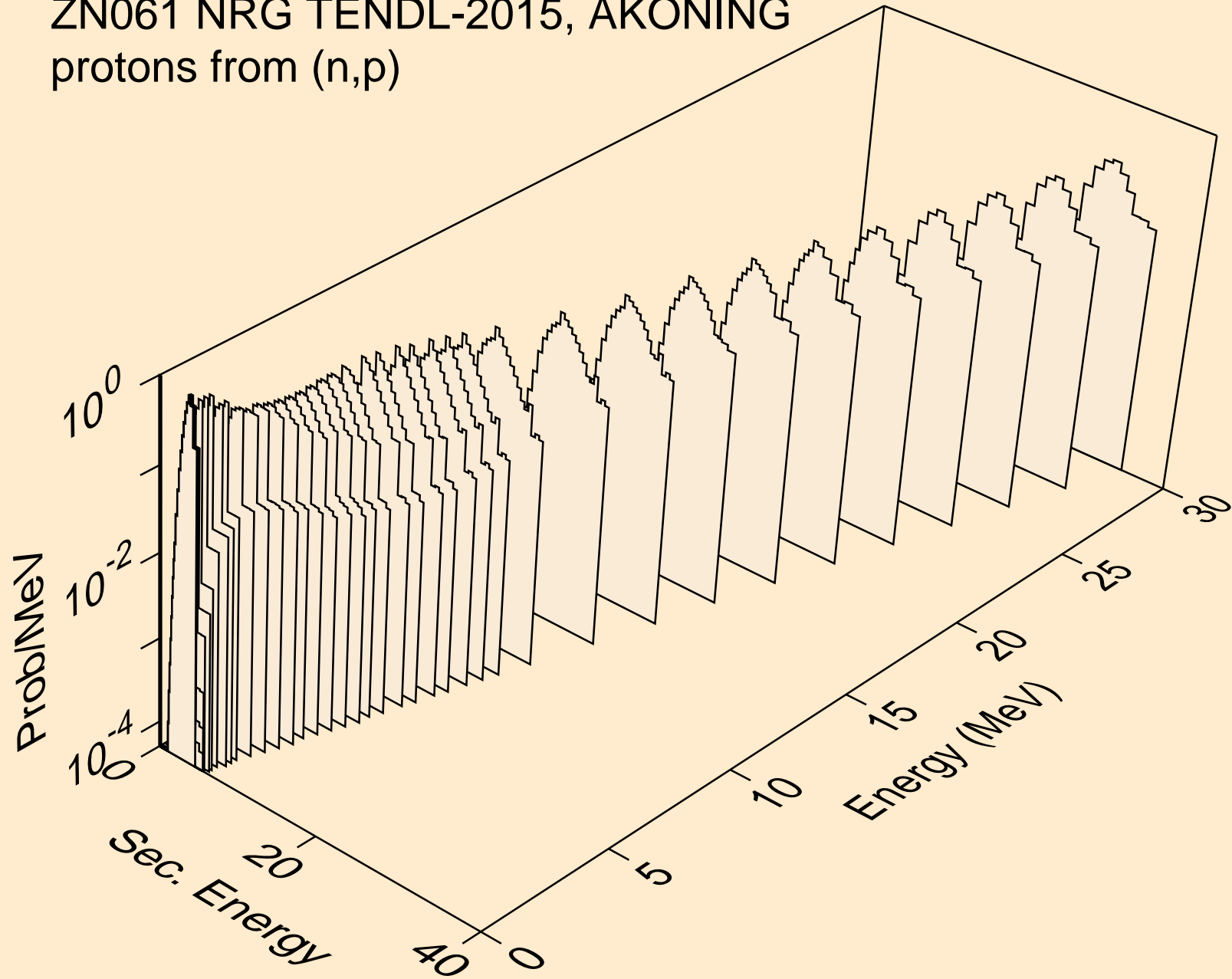
ZN061 NRG TENDL-2015, AKONING  
protons from (n,2np)



ZN061 NRG TENDL-2015, AKONING  
protons from (n,npa)

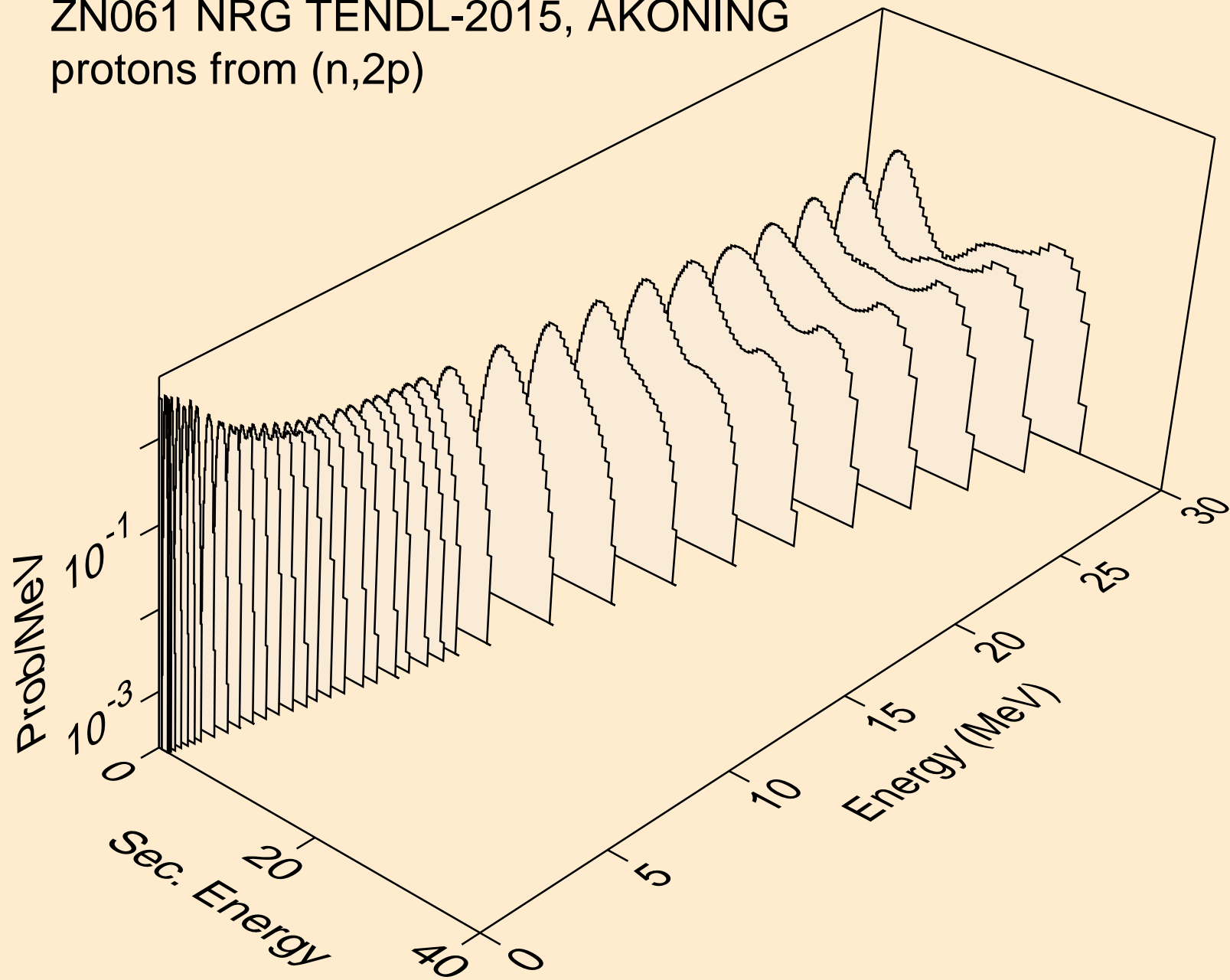


ZN061 NRG TENDL-2015, AKONING  
protons from (n,p)

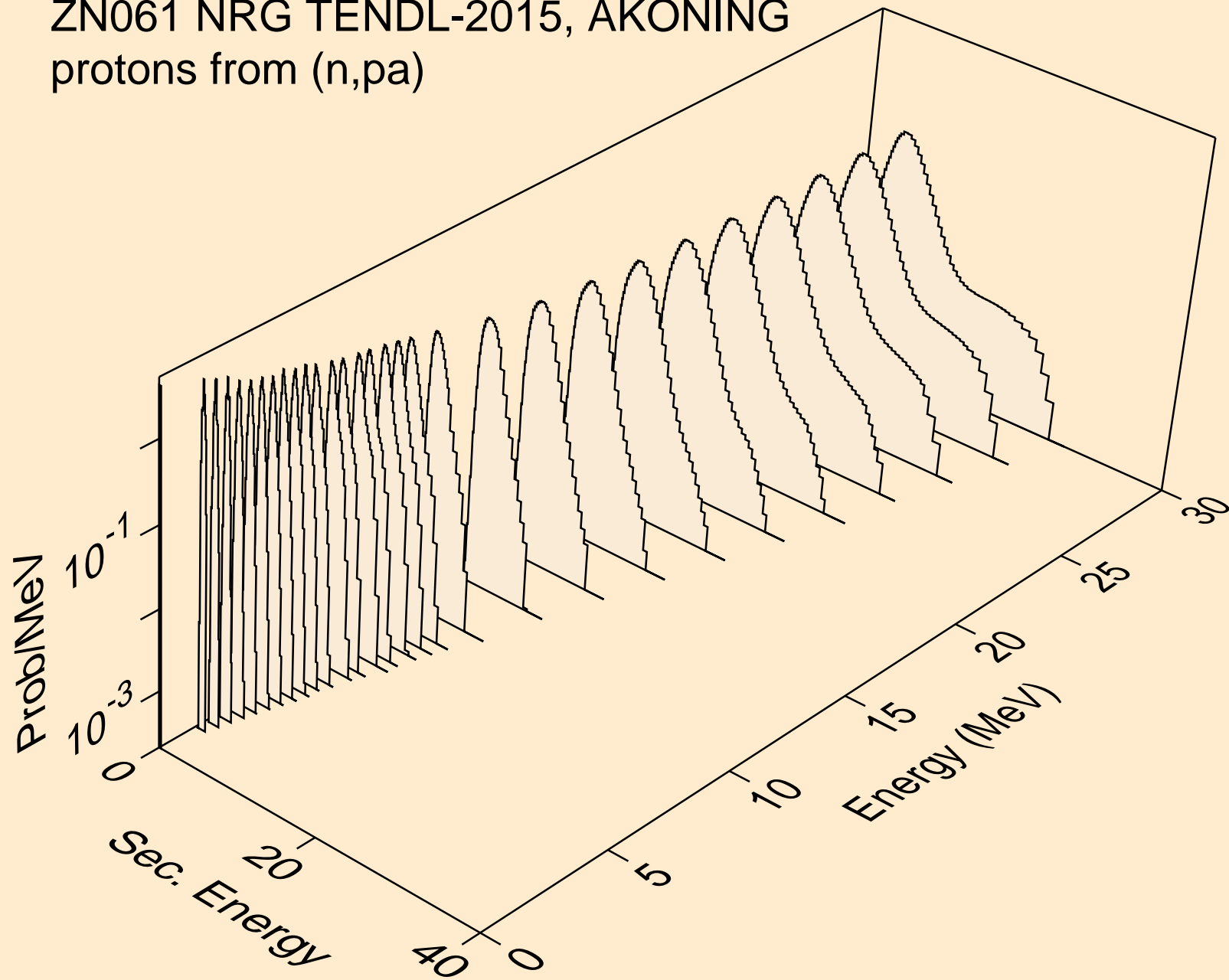




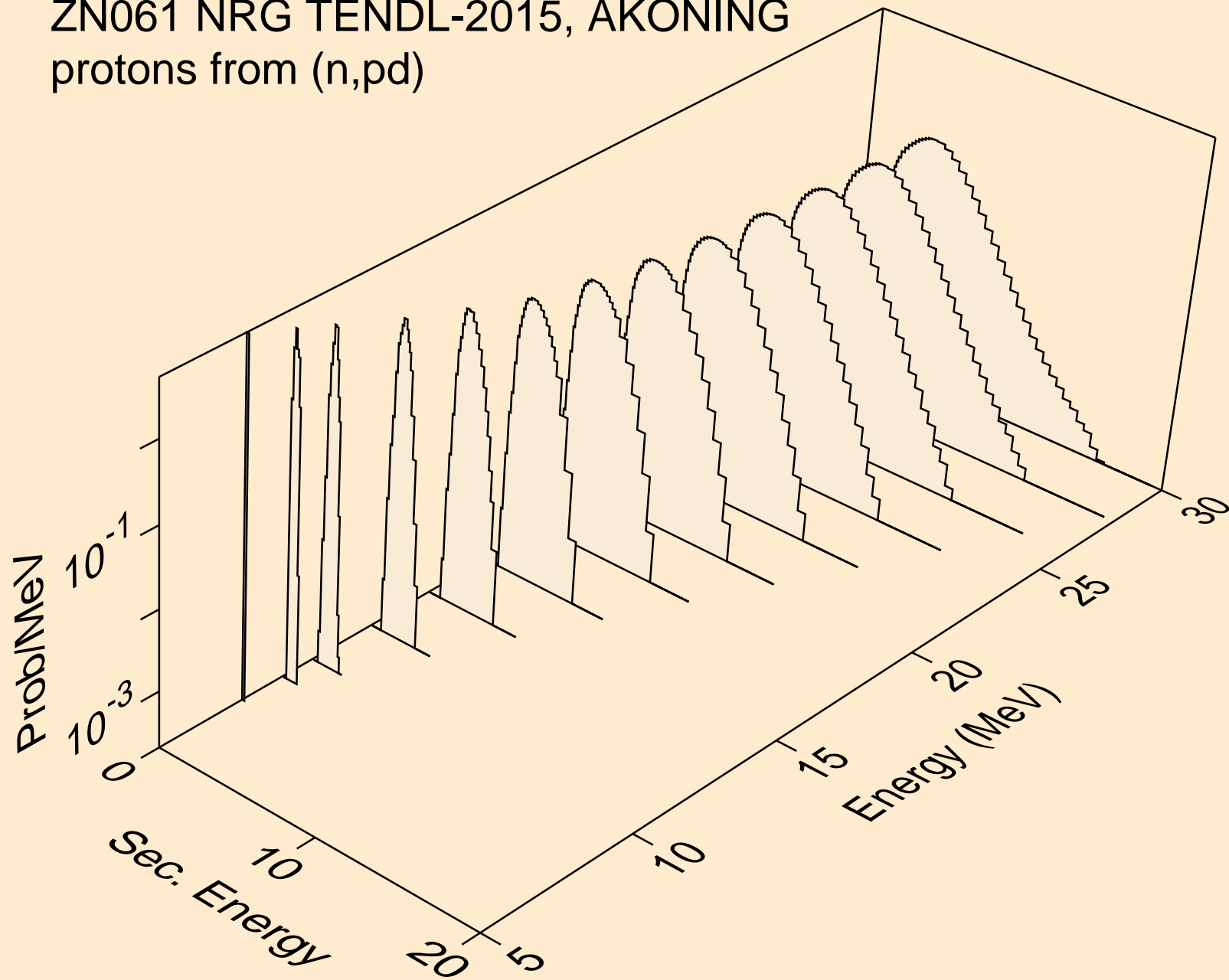
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protons from (n,2p)



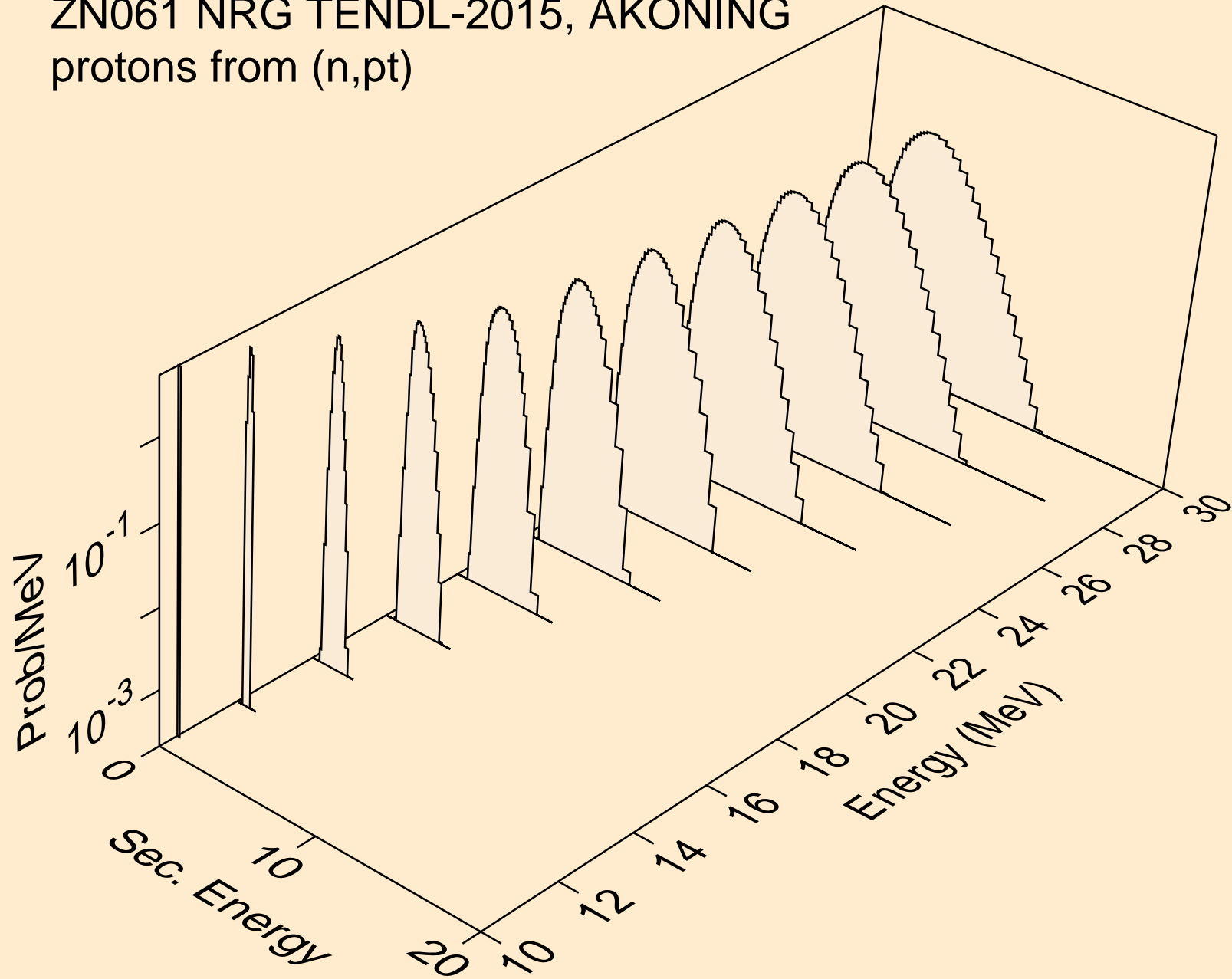
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protons from (n,pa)



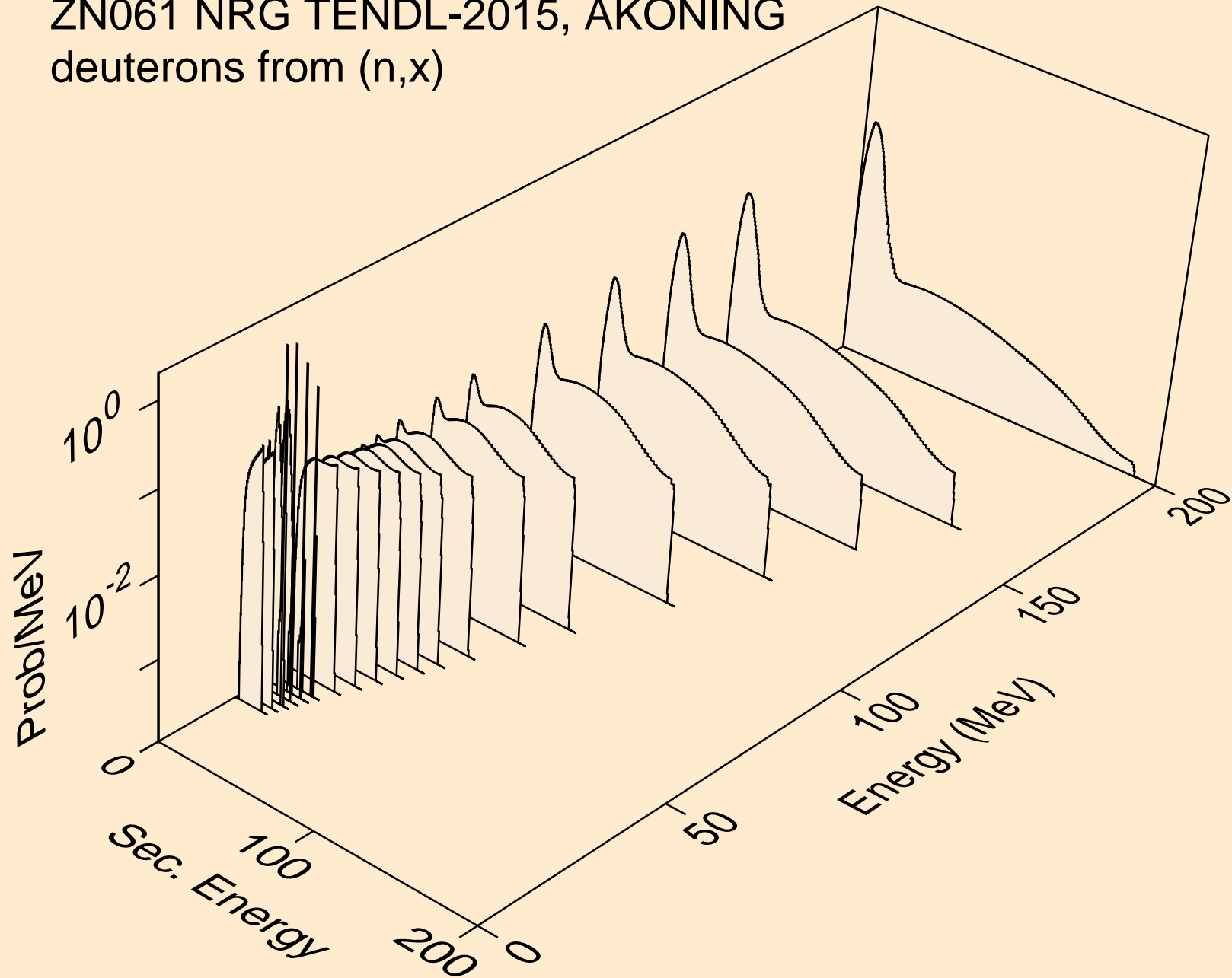
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protons from (n,pd)



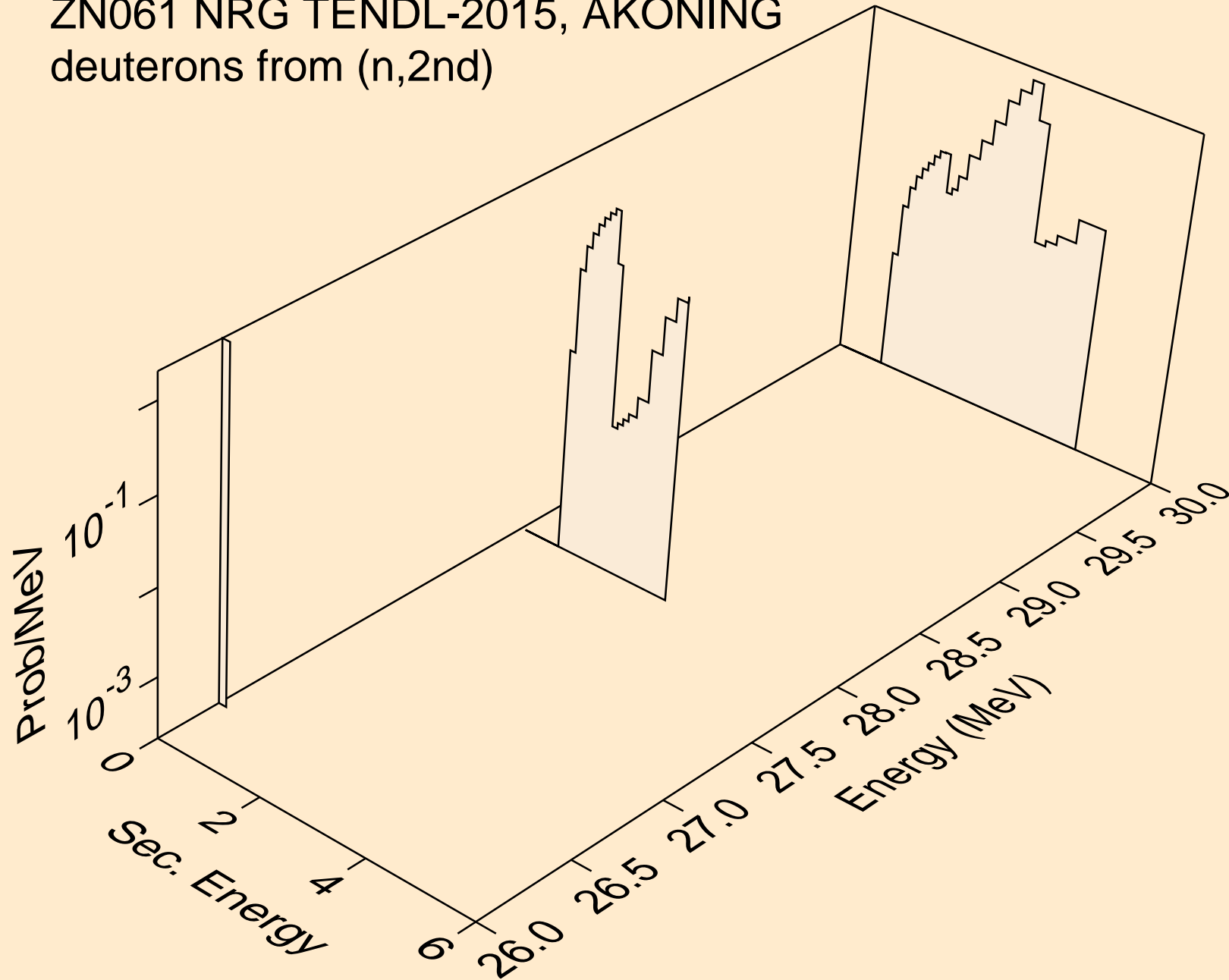
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protons from (n,pt)



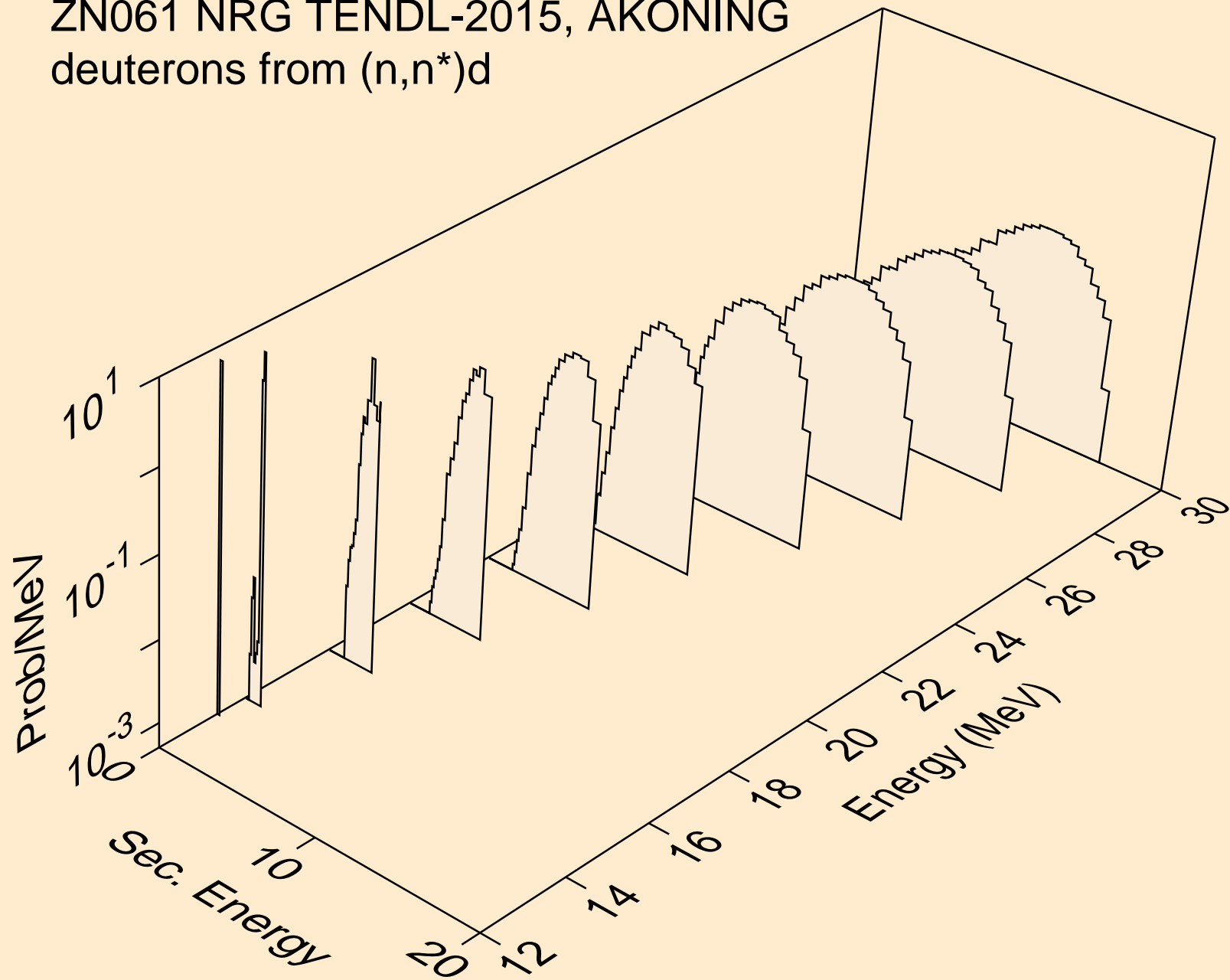
ZN061 NRG TENDL-2015, AKONING  
deuterons from (n,x)



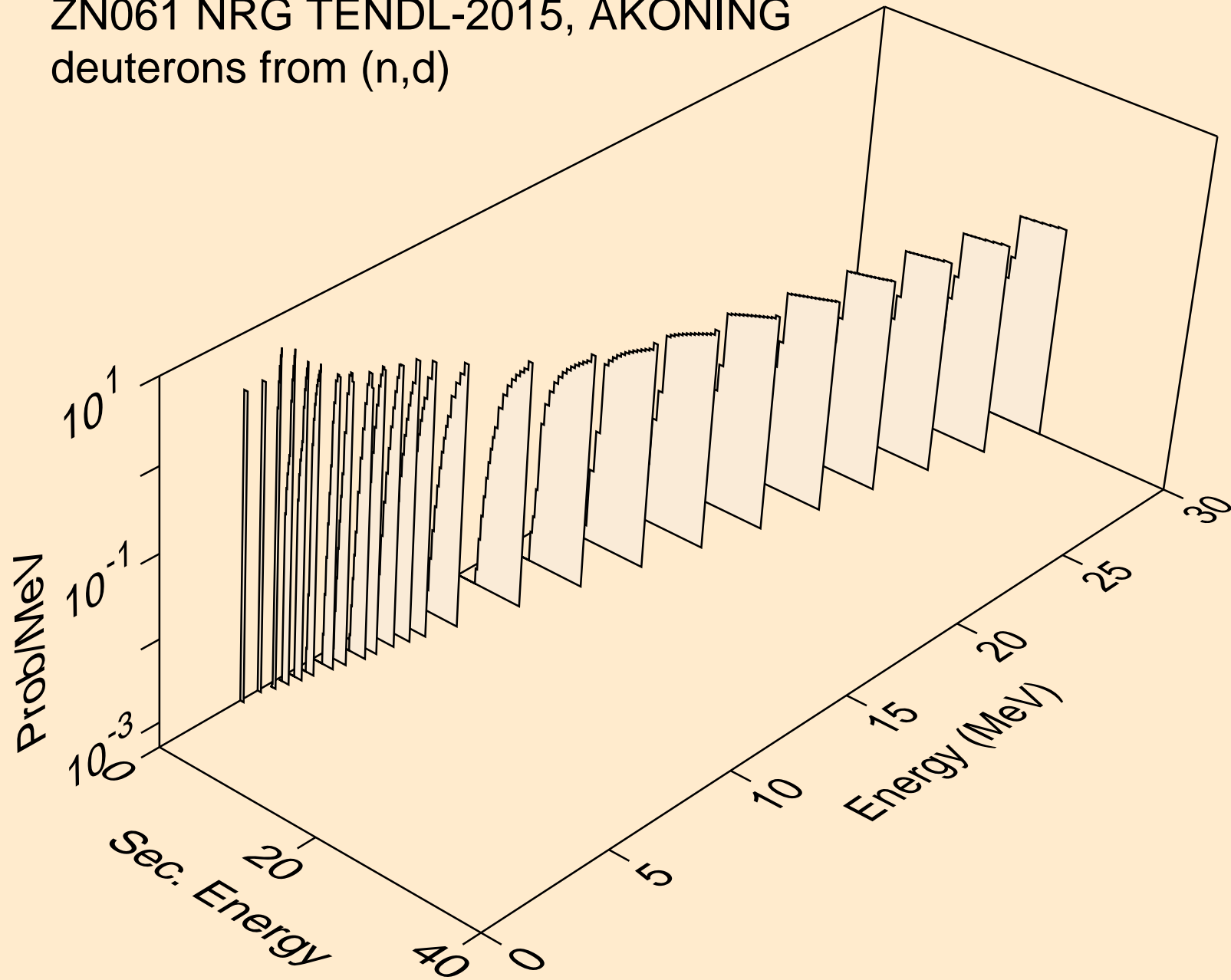
ZN061 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



ZN061 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

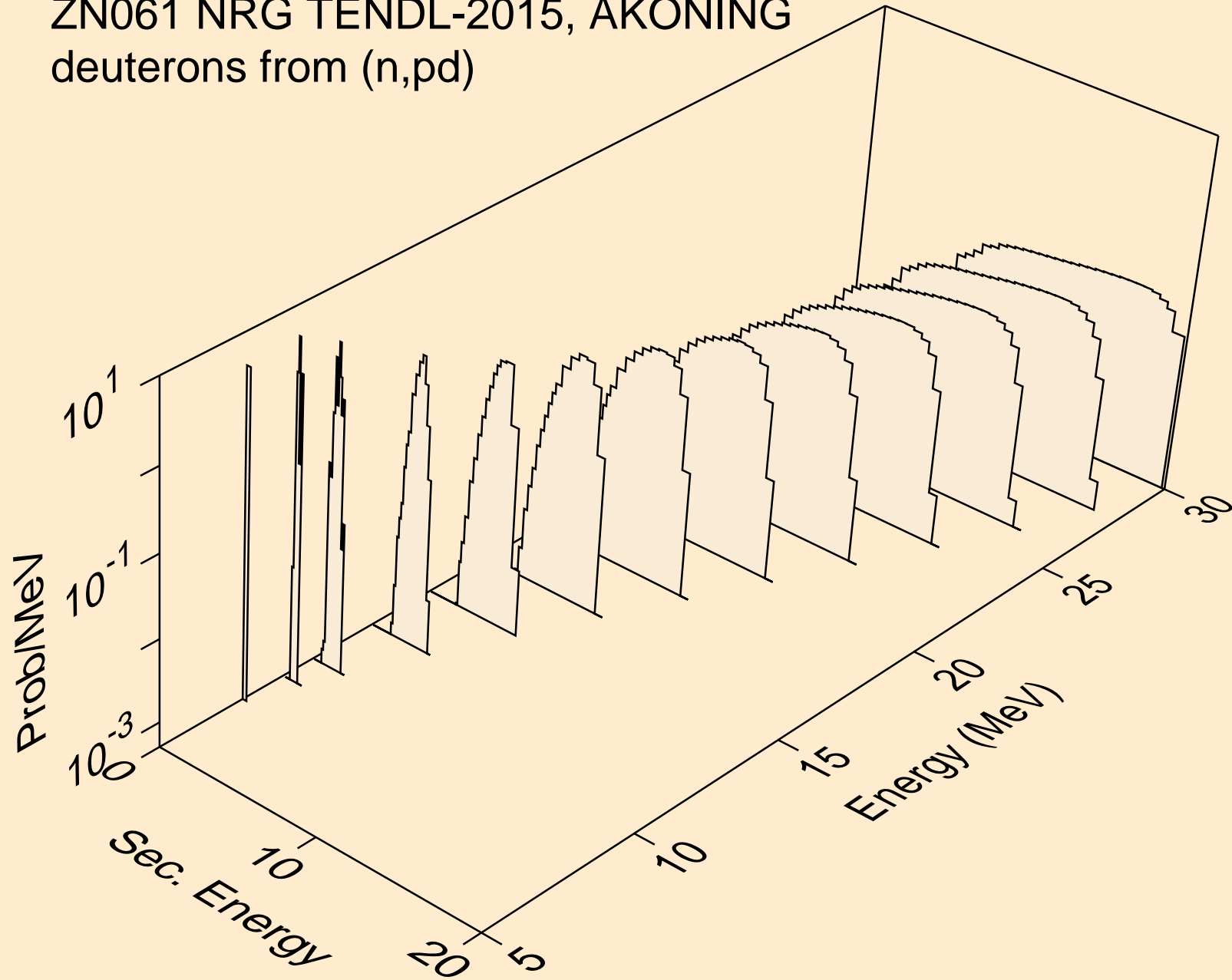


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deuterons from (n,d)

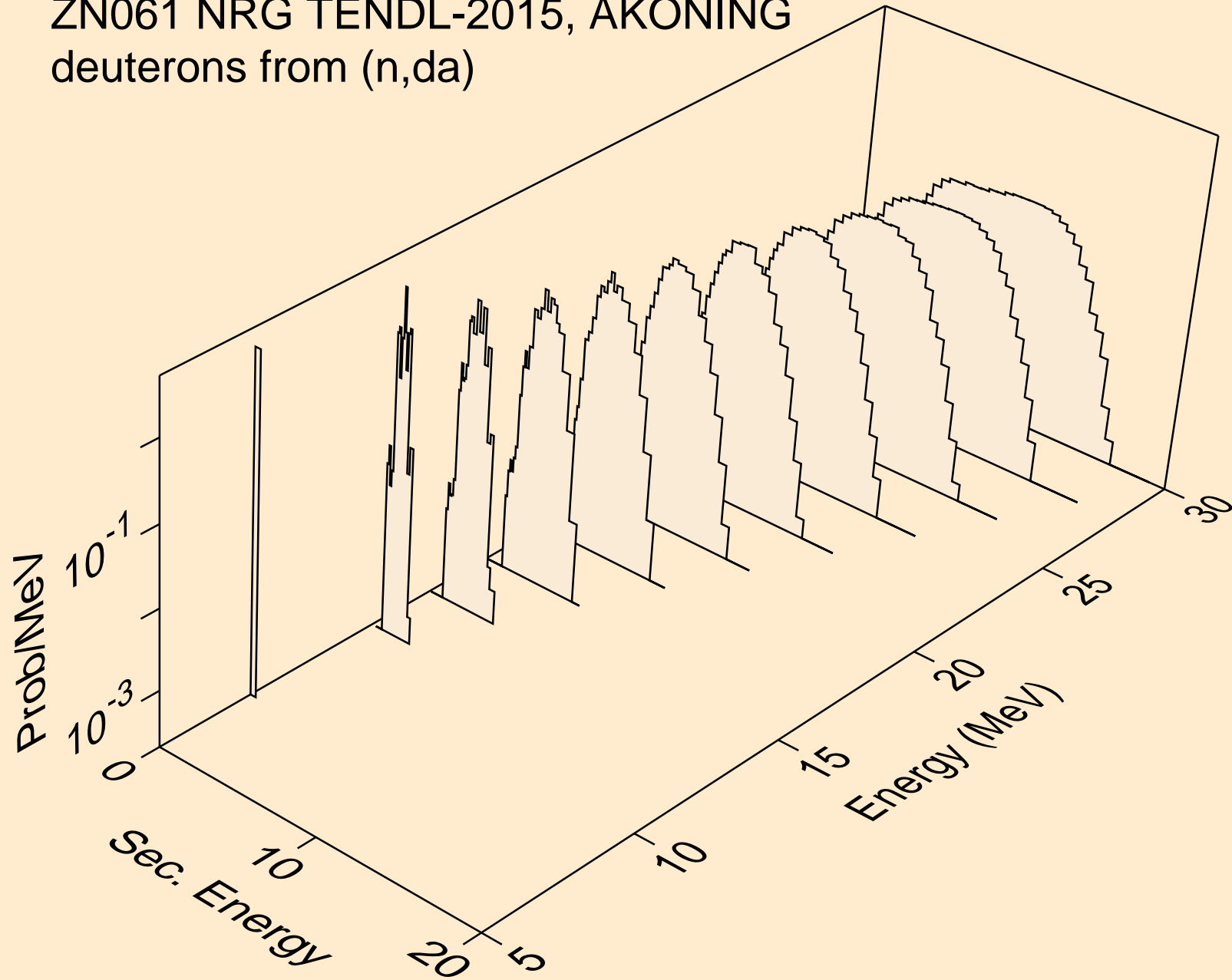




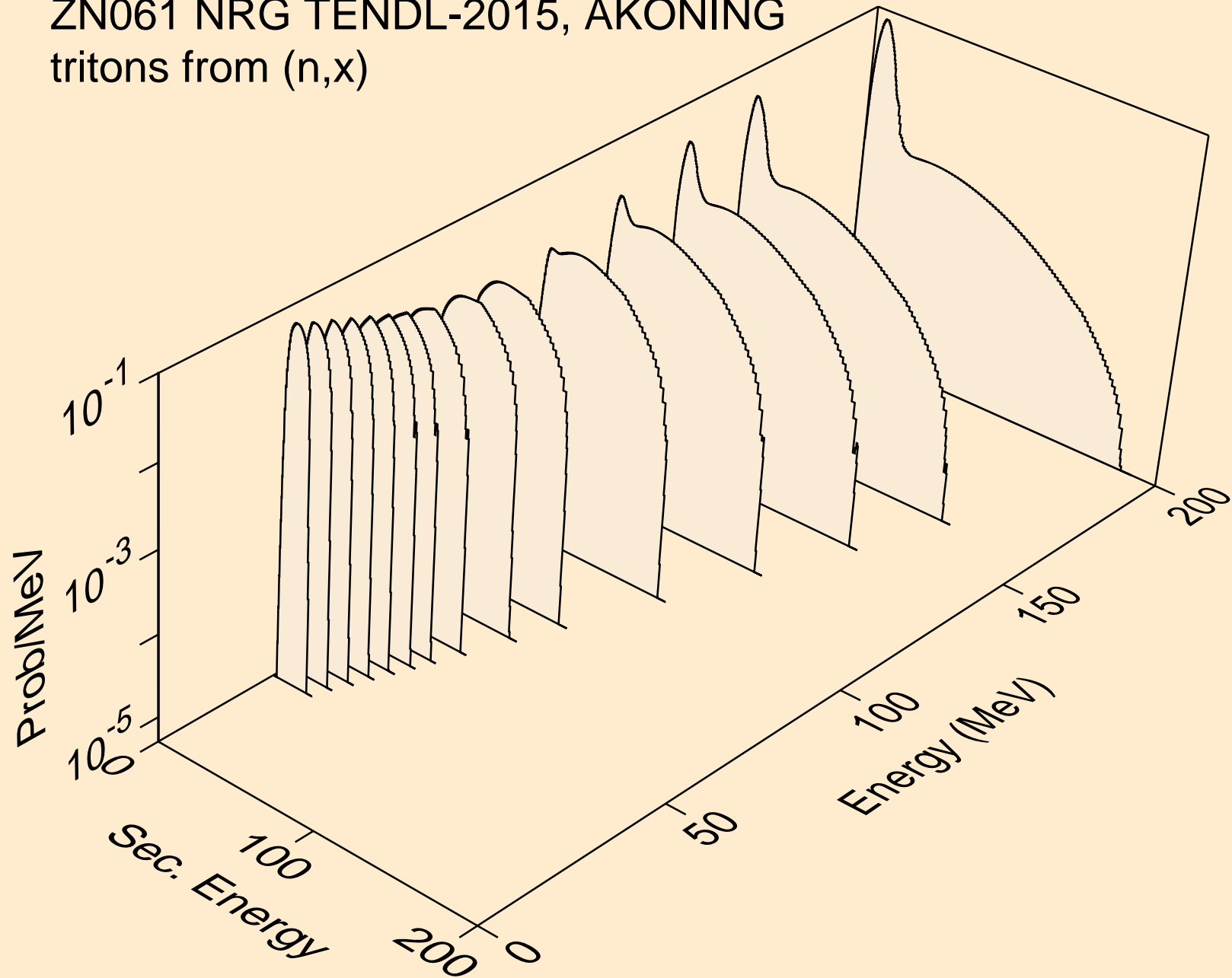
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deuterons from (n,pd)



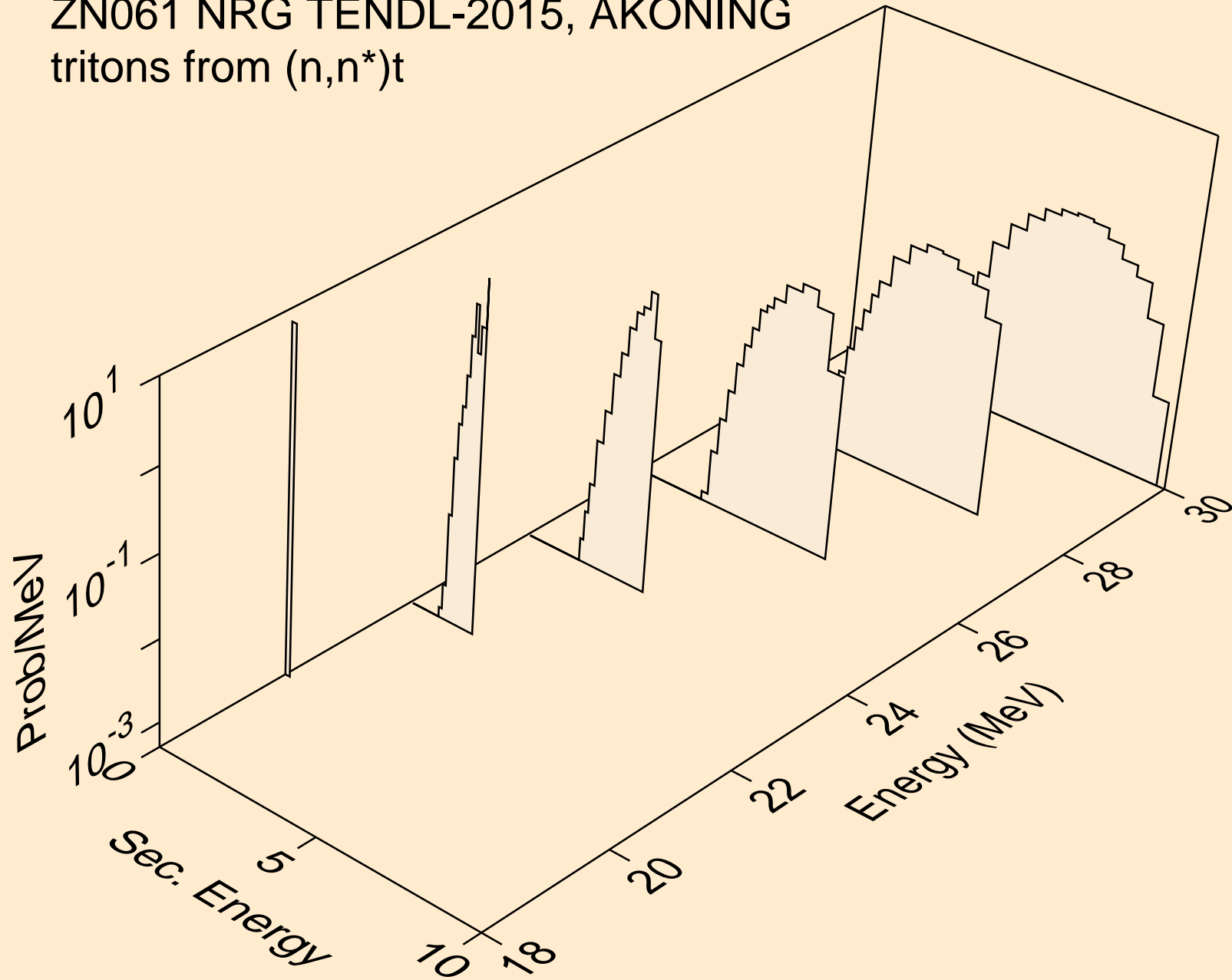
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deuterons from (n,da)



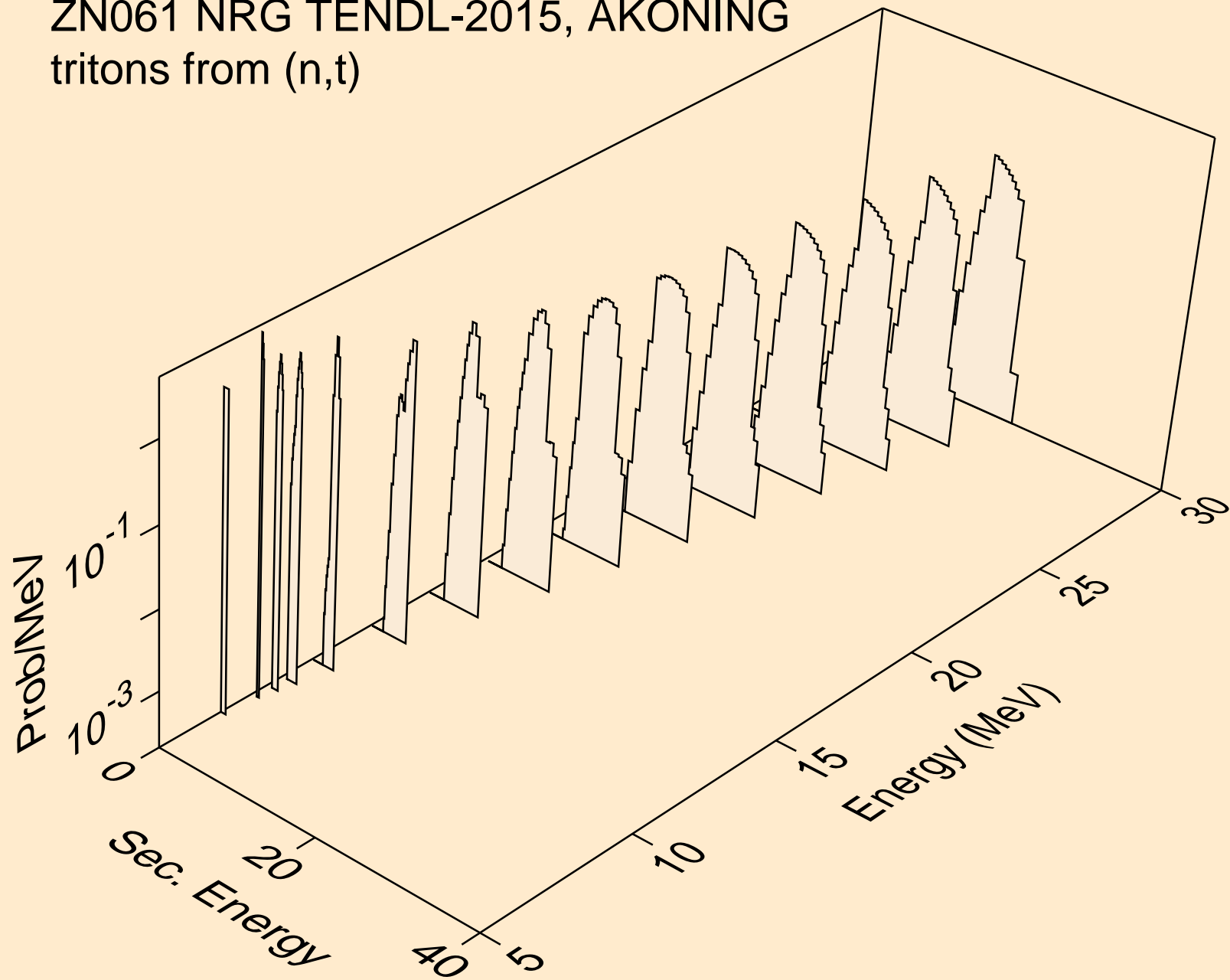
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tritons from (n,x)



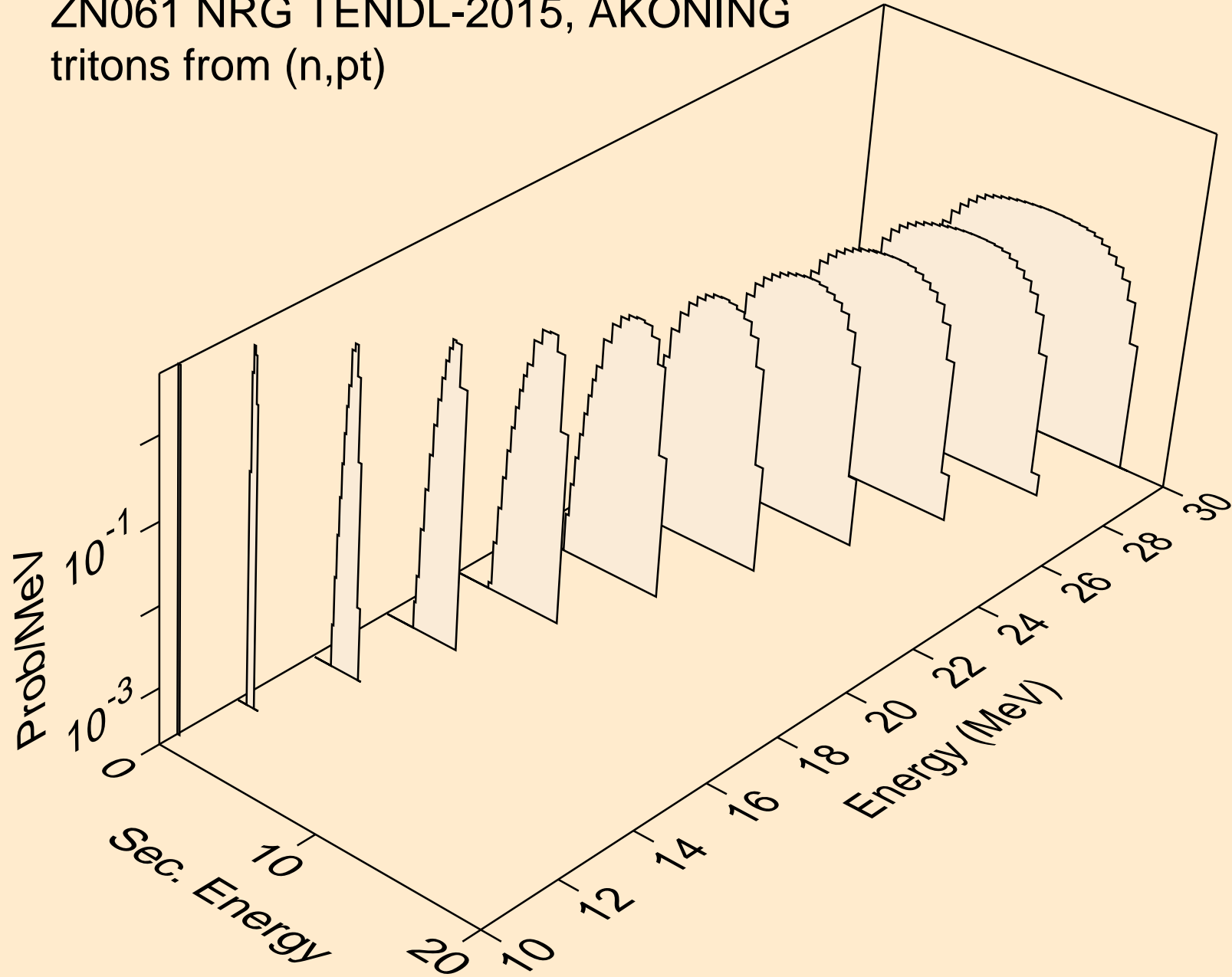
ZN061 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



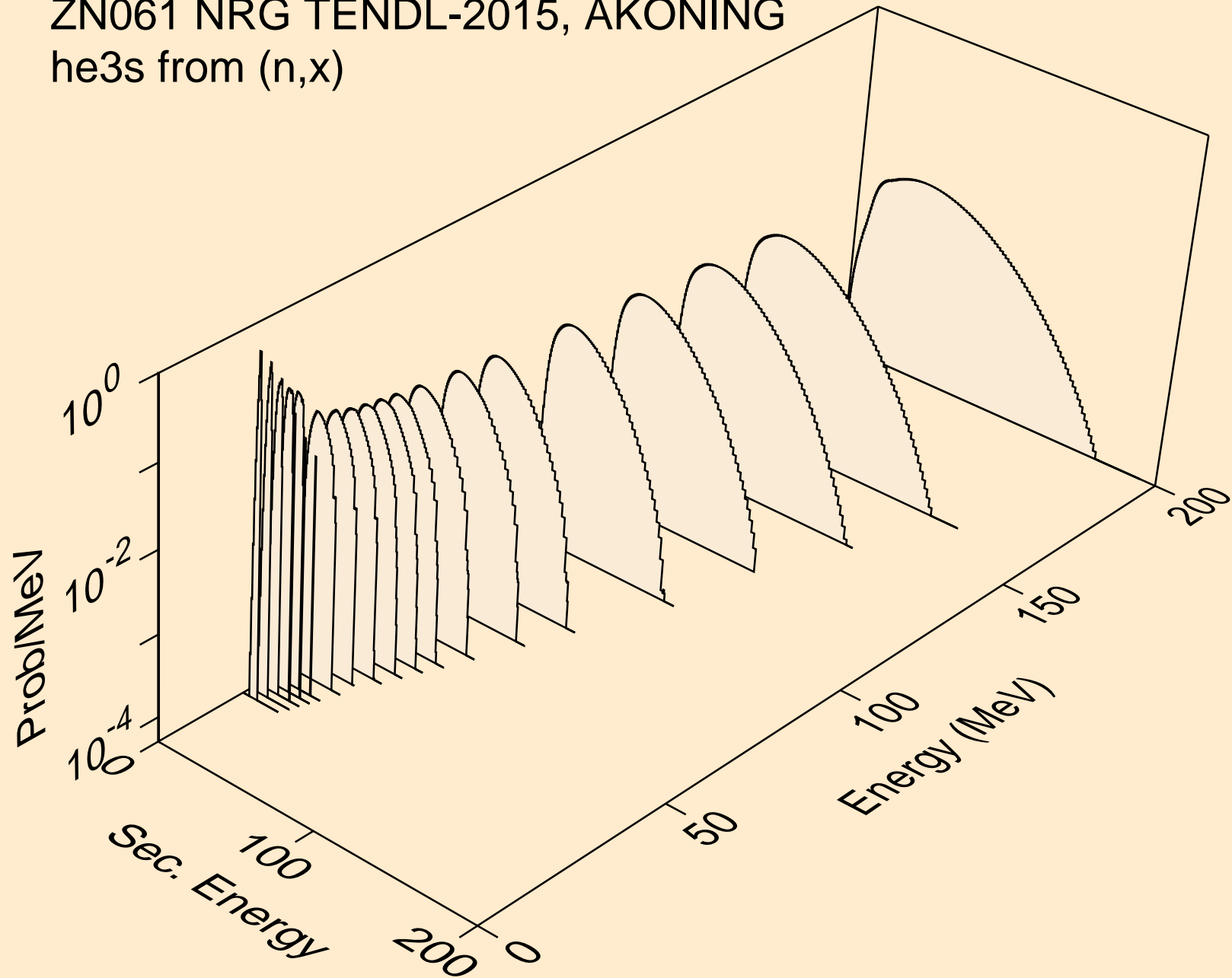
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tritons from (n,t)



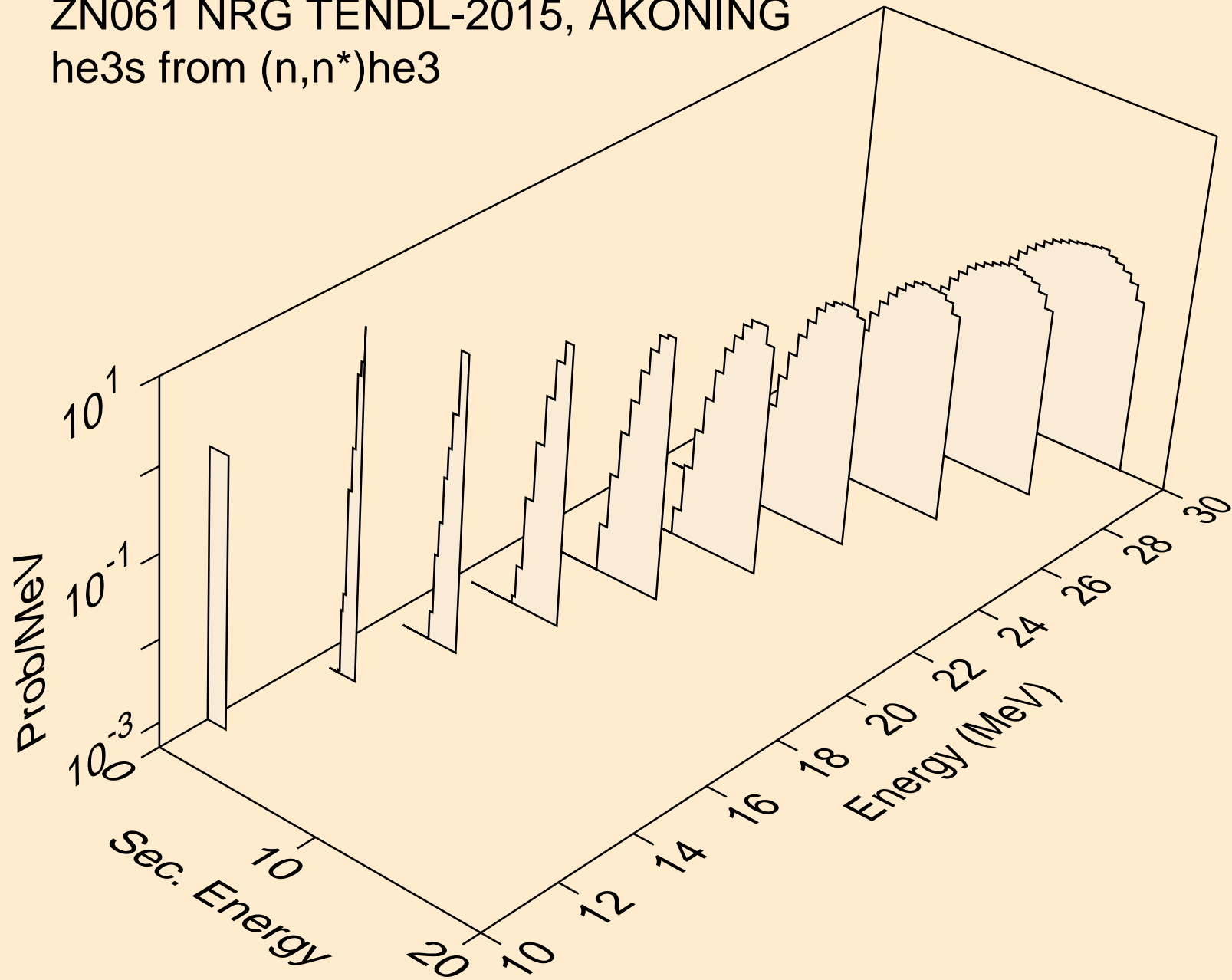
ZN061 NRG TENDL-2015, AKONING  
tritons from (n,pt)



ZN061 NRG TENDL-2015, AKONING  
he3s from (n,x)

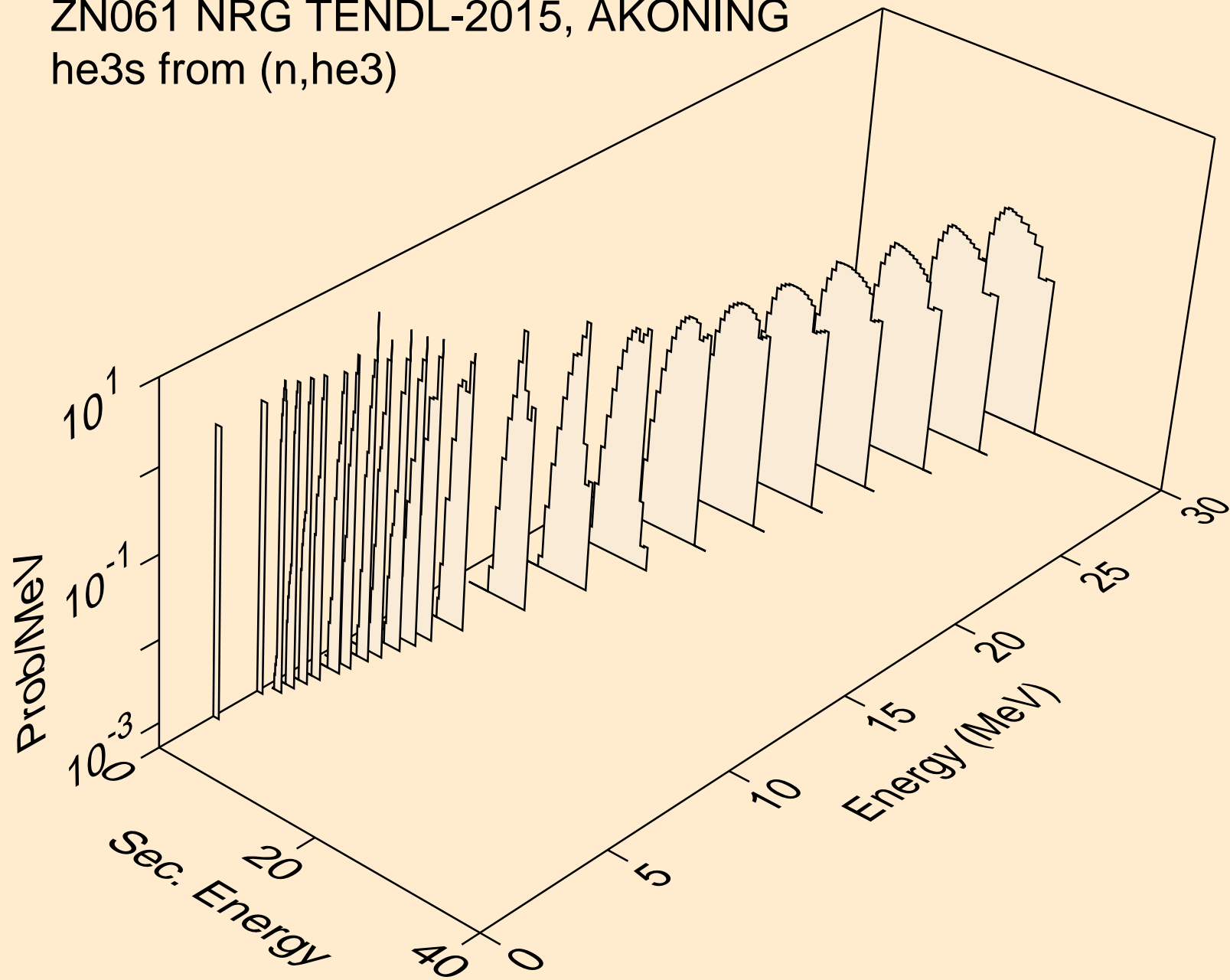


ZN061 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

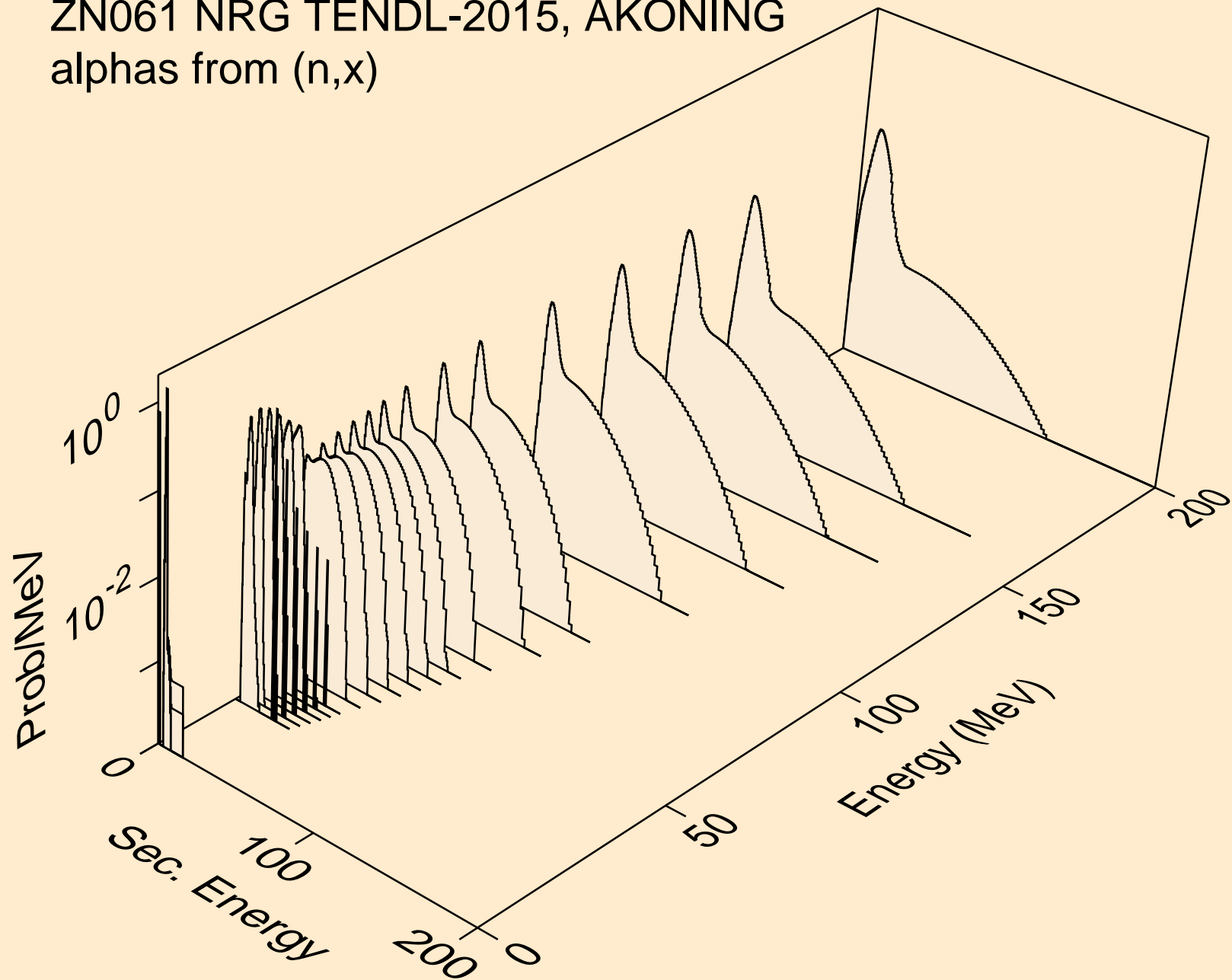




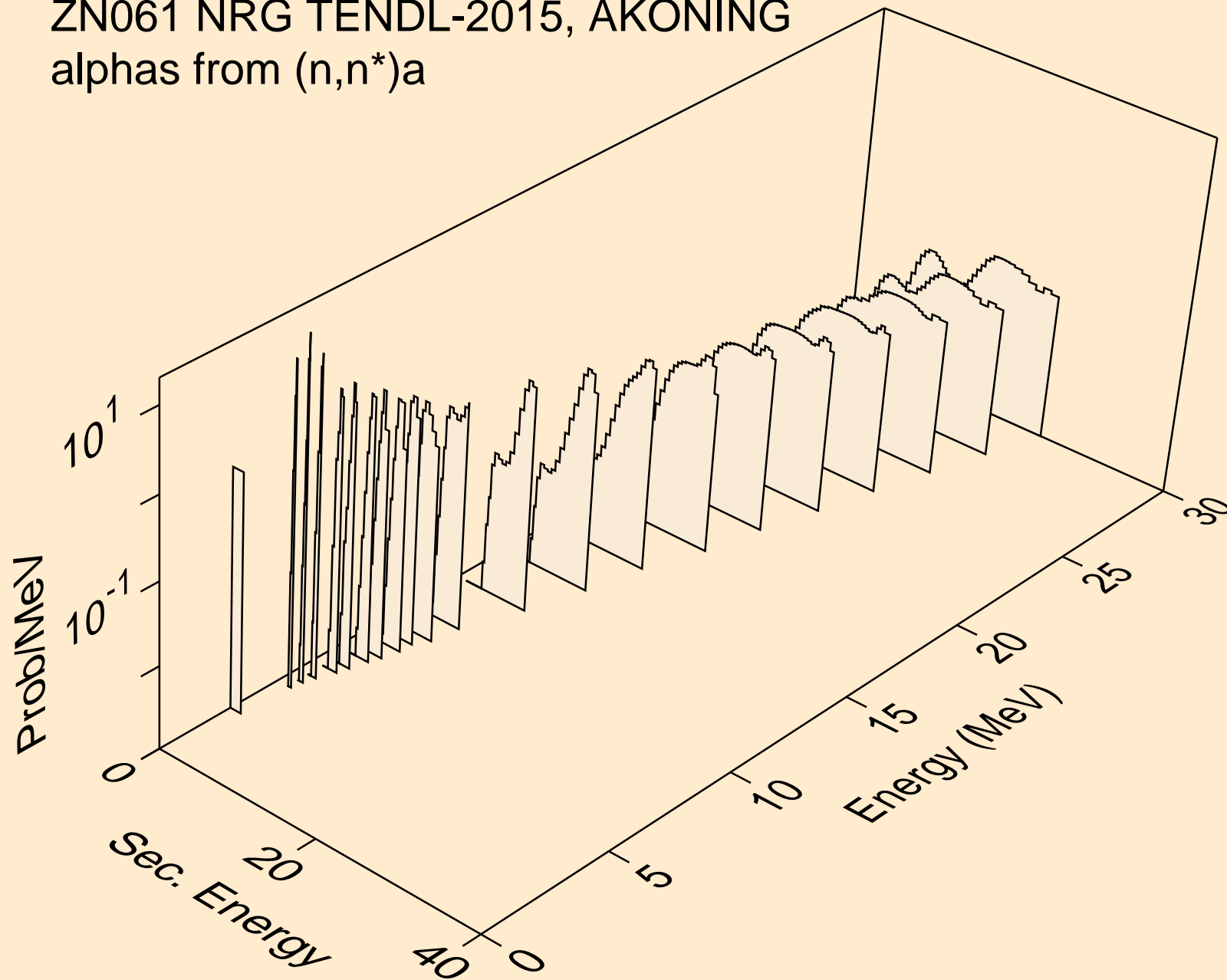
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he3s from (n,he3)



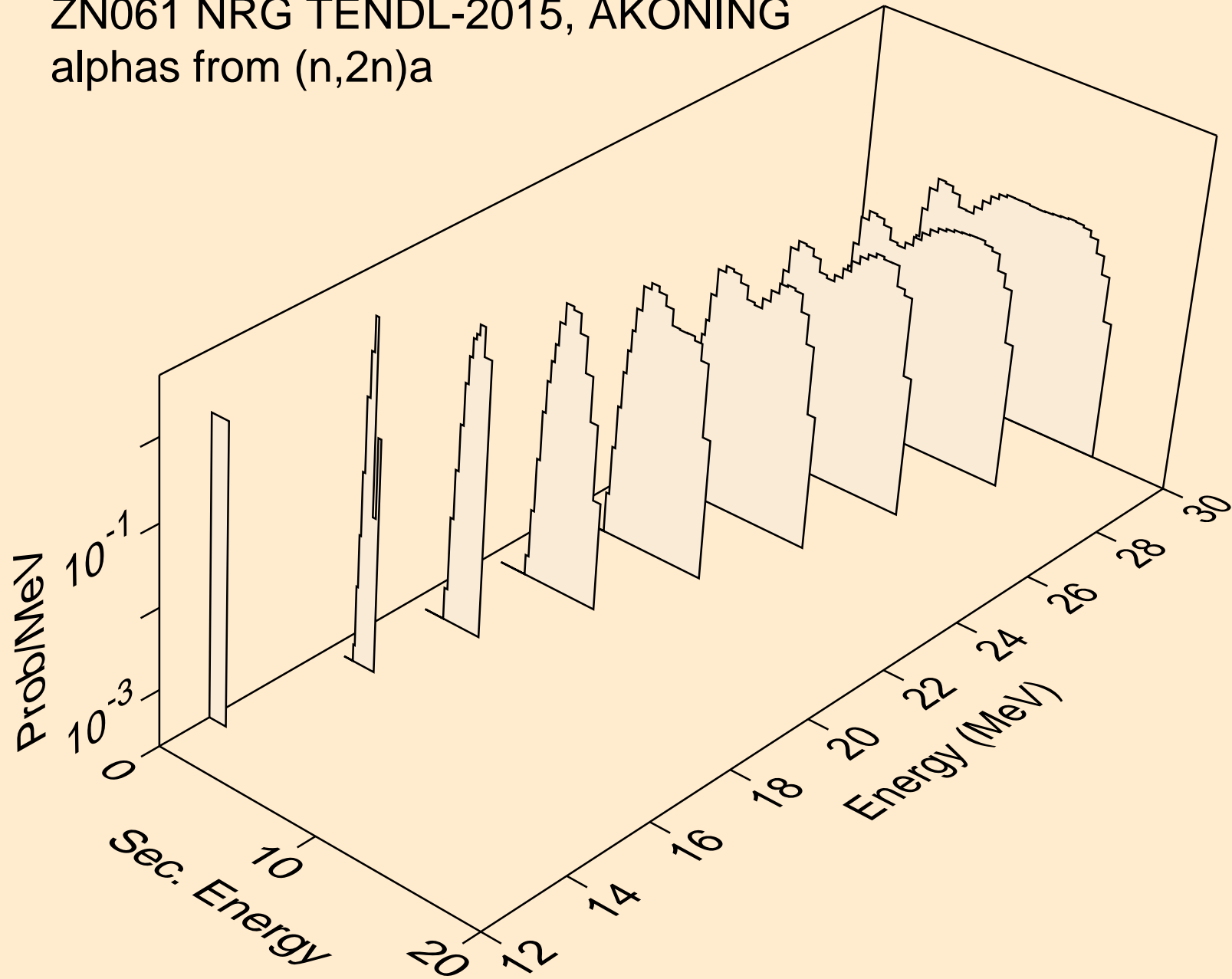
ZN061 NRG TENDL-2015, AKONING  
alphas from (n,x)



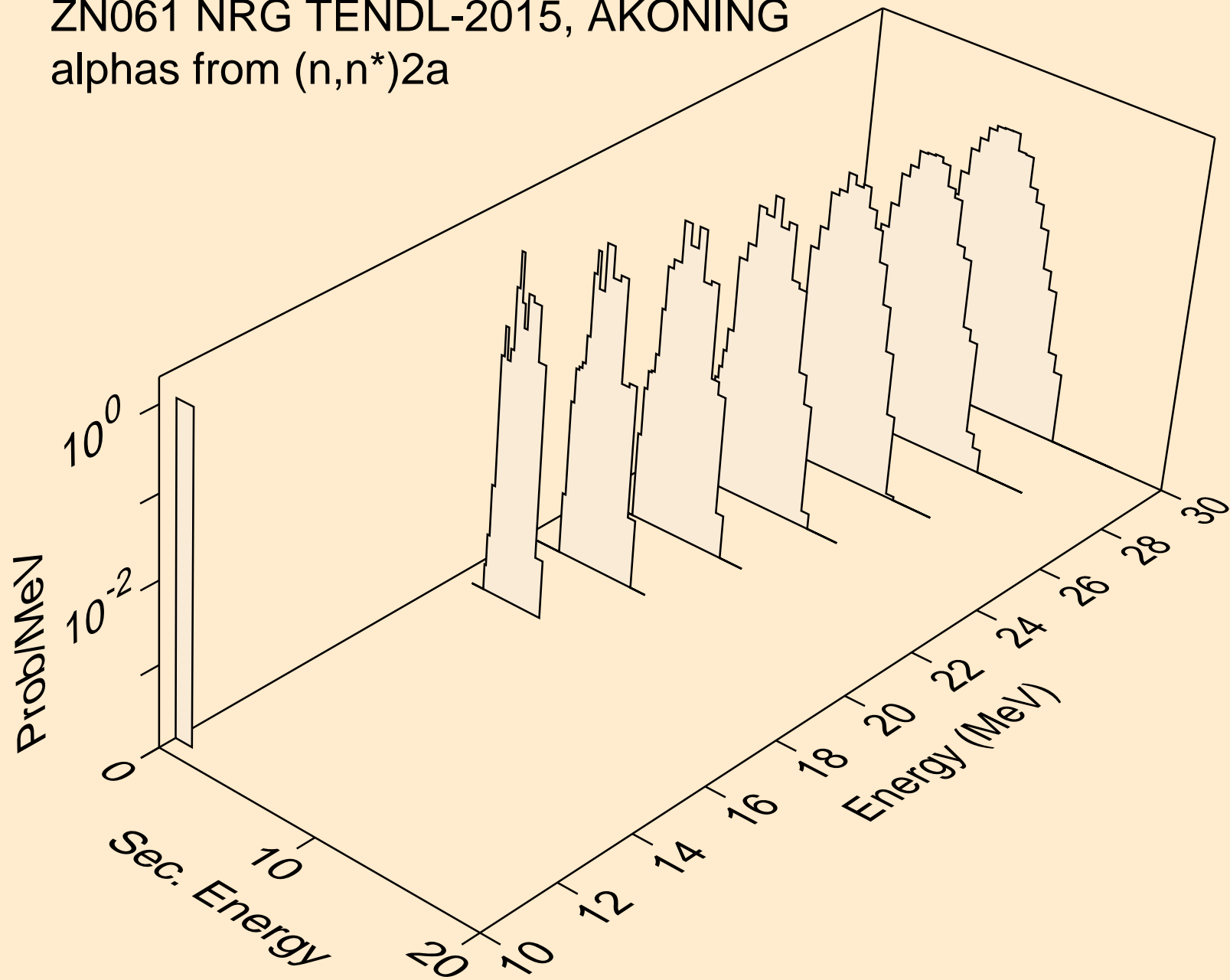
ZN061 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



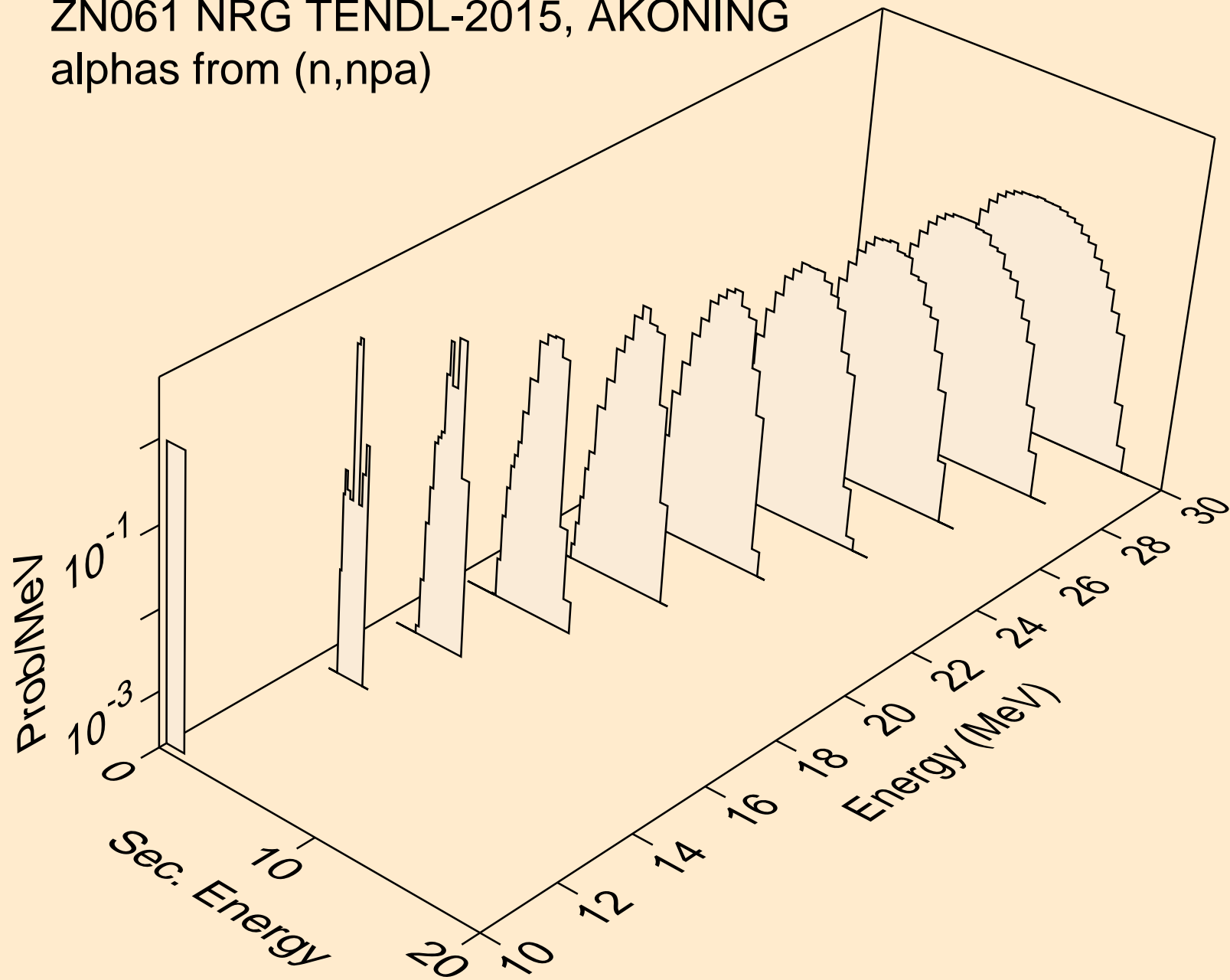
ZN061 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



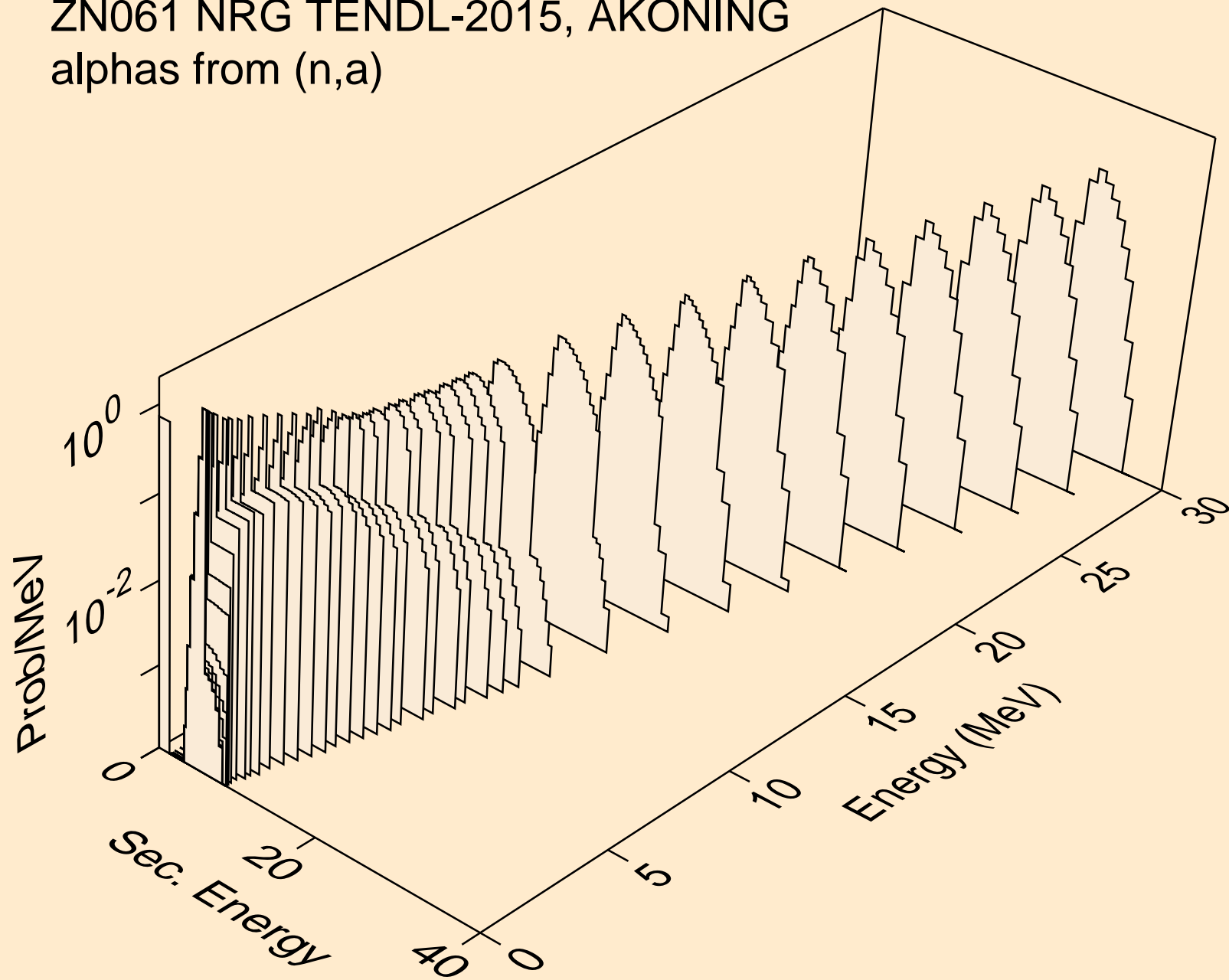
ZN061 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



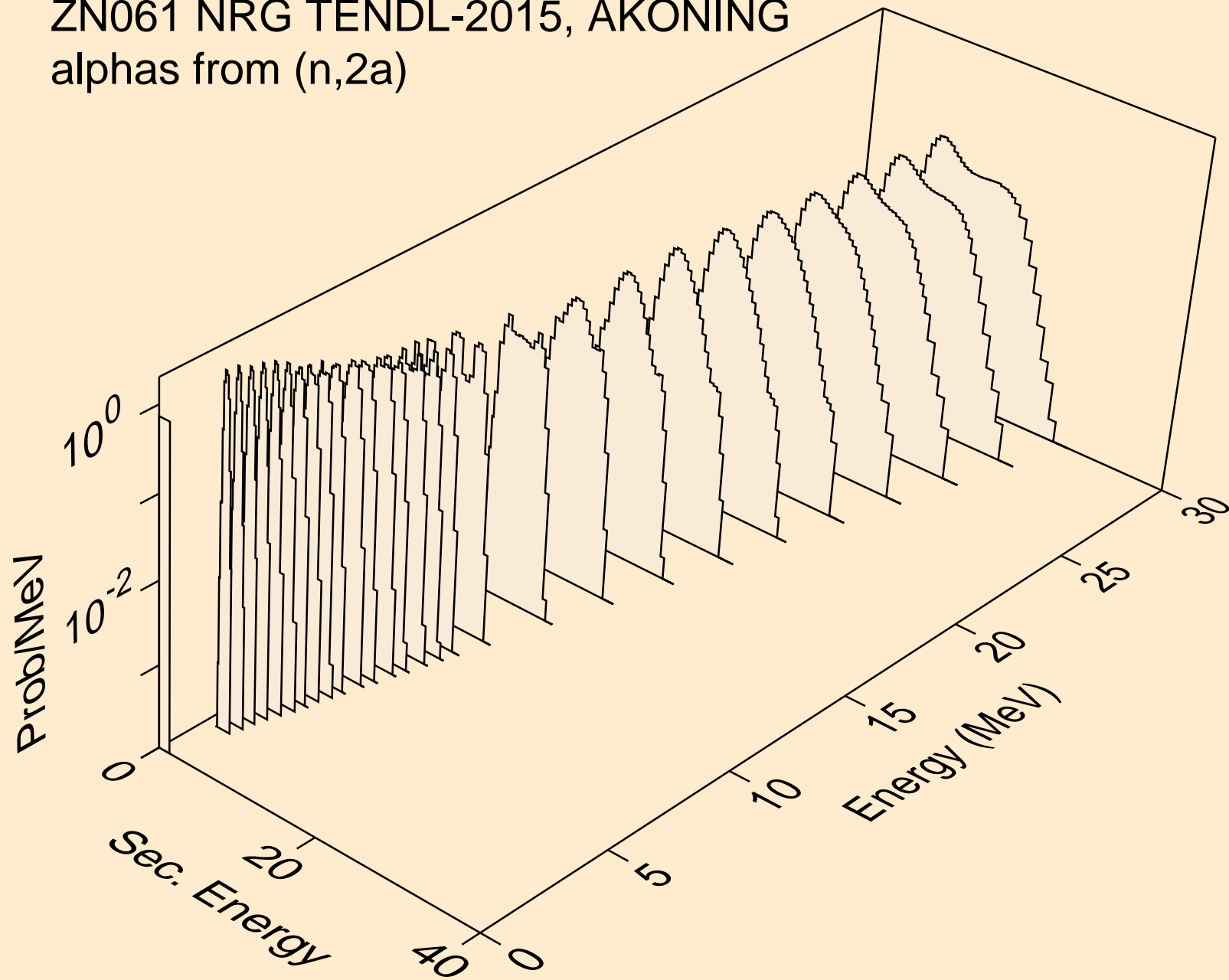
ZN061 NRG TENDL-2015, AKONING  
alphas from (n,npa)



ZN061 NRG TENDL-2015, AKONING  
alphas from (n,a)

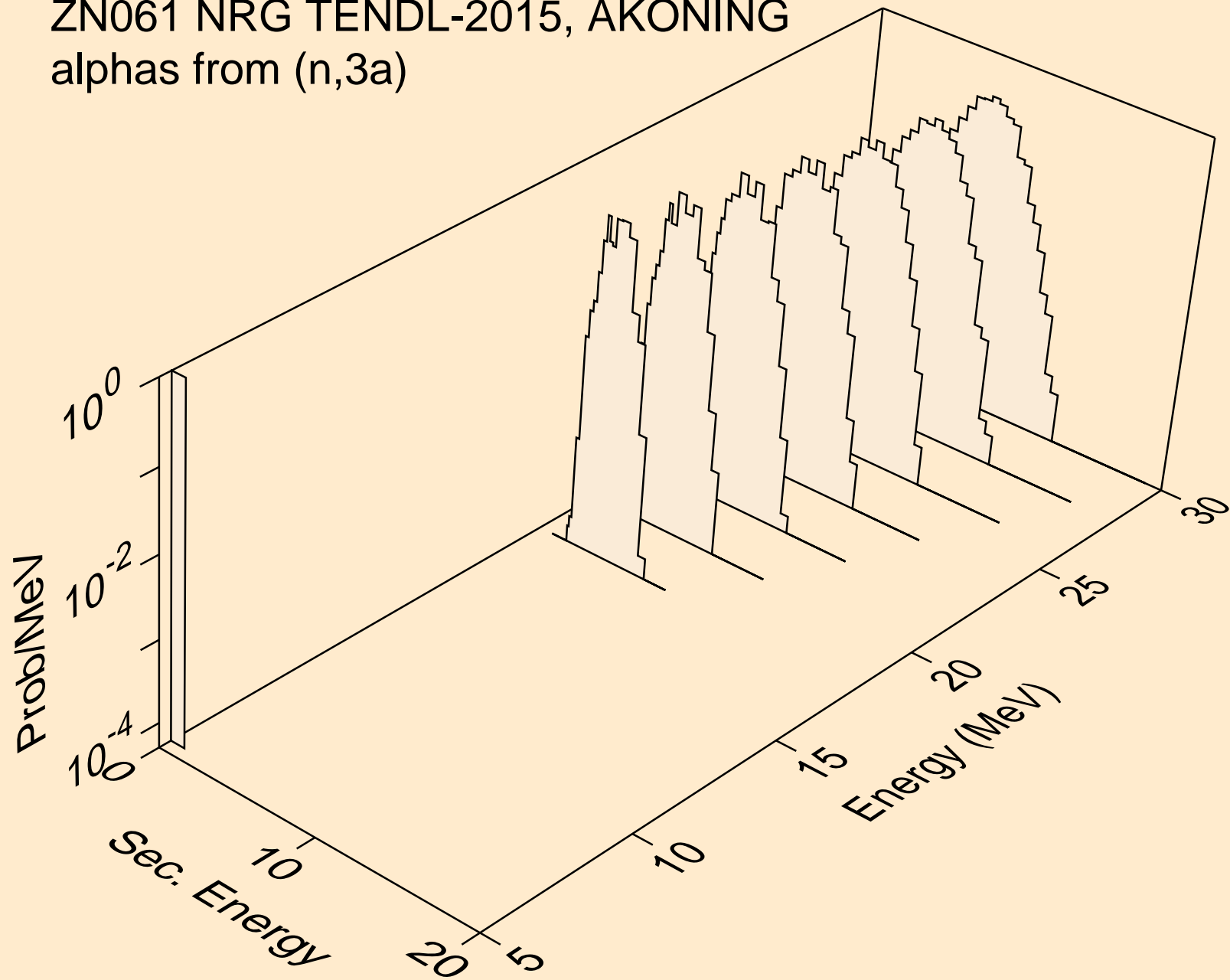


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alphas from (n,2a)

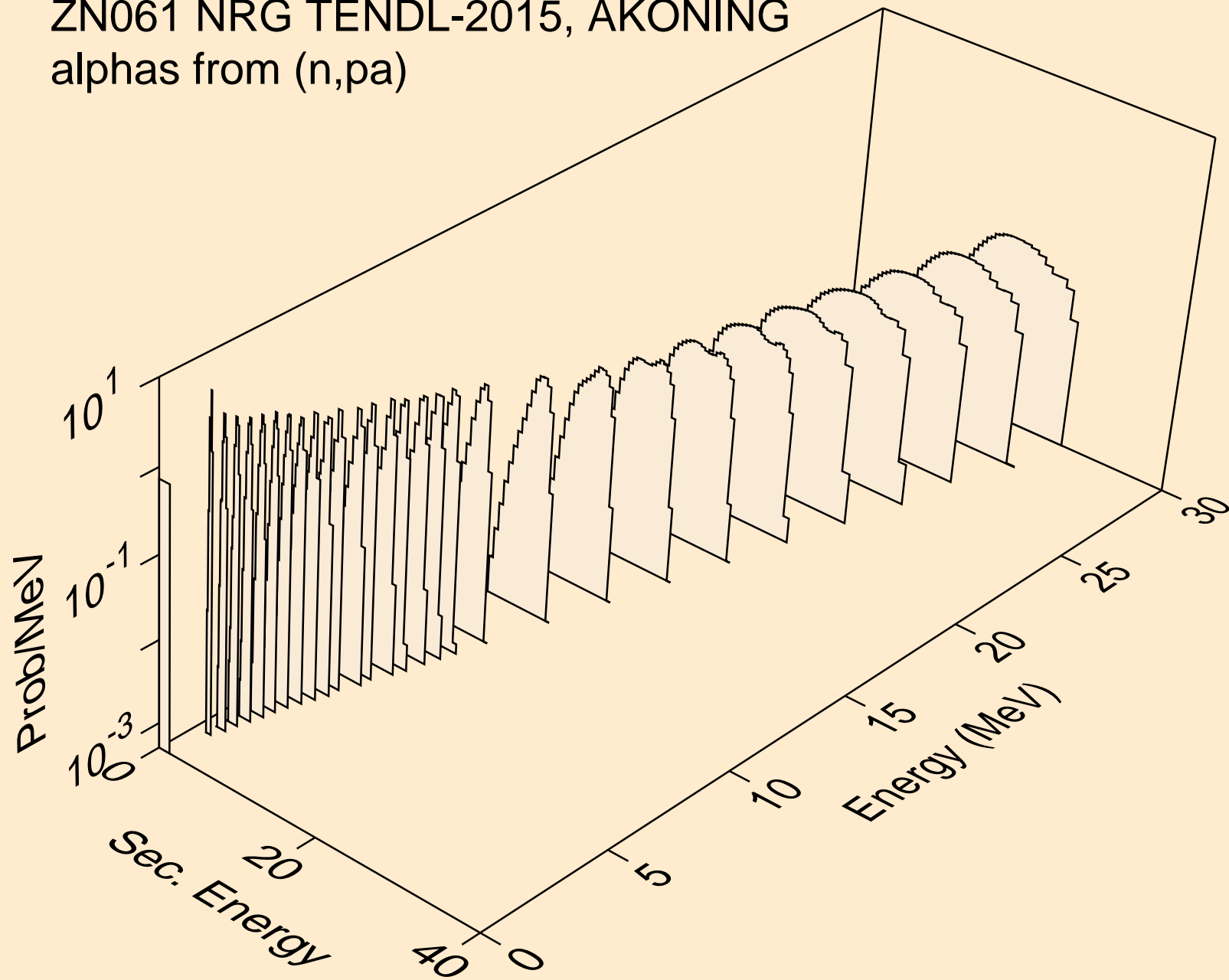




ZN061 NRG TENDL-2015, AKONING  
alphas from (n,3a)



ZN061 NRG TENDL-2015, AKONING  
alphas from (n,pa)



ZN061 NRG TENDL-2015, AKONING  
alphas from (n,da)

