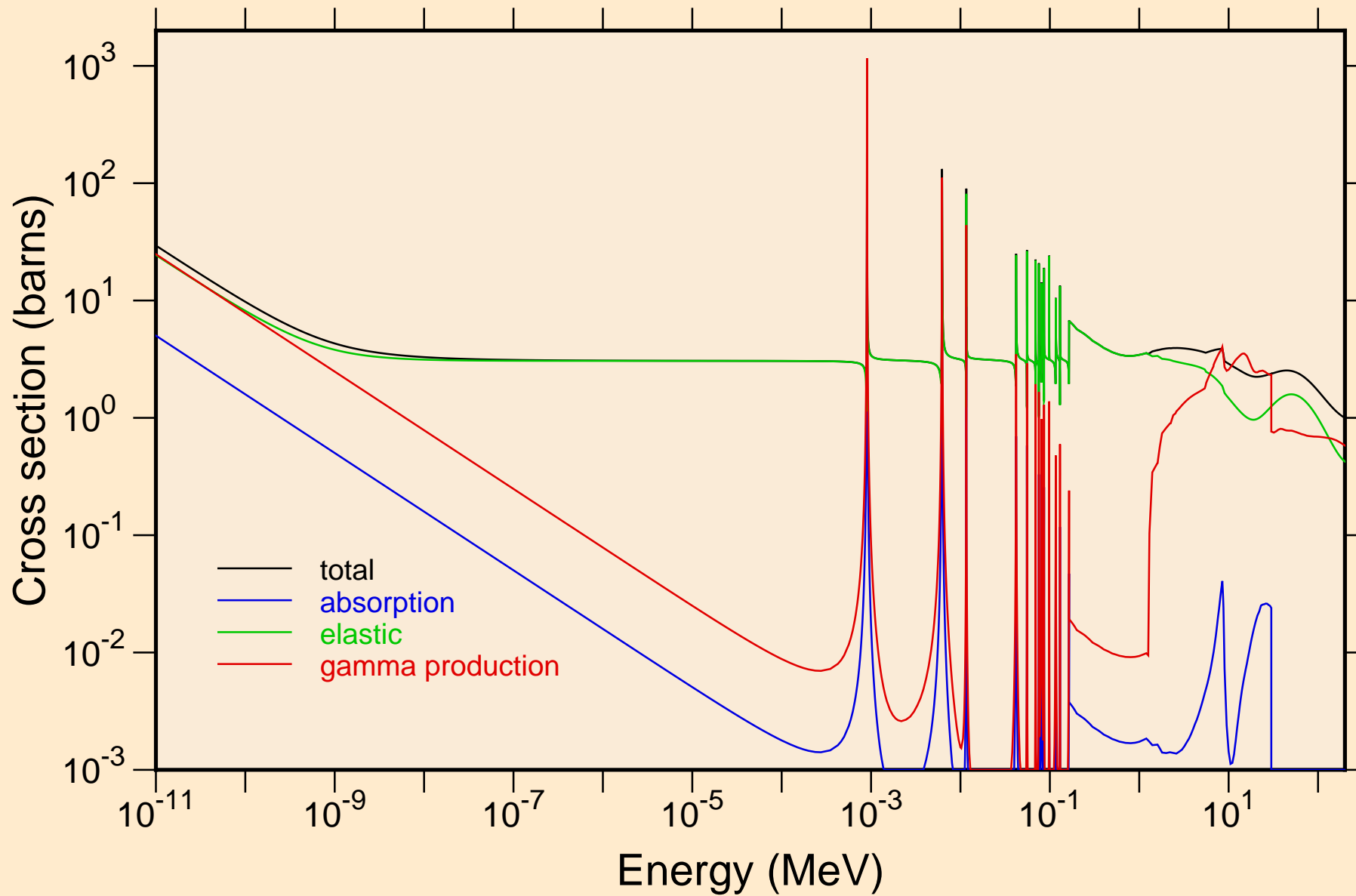
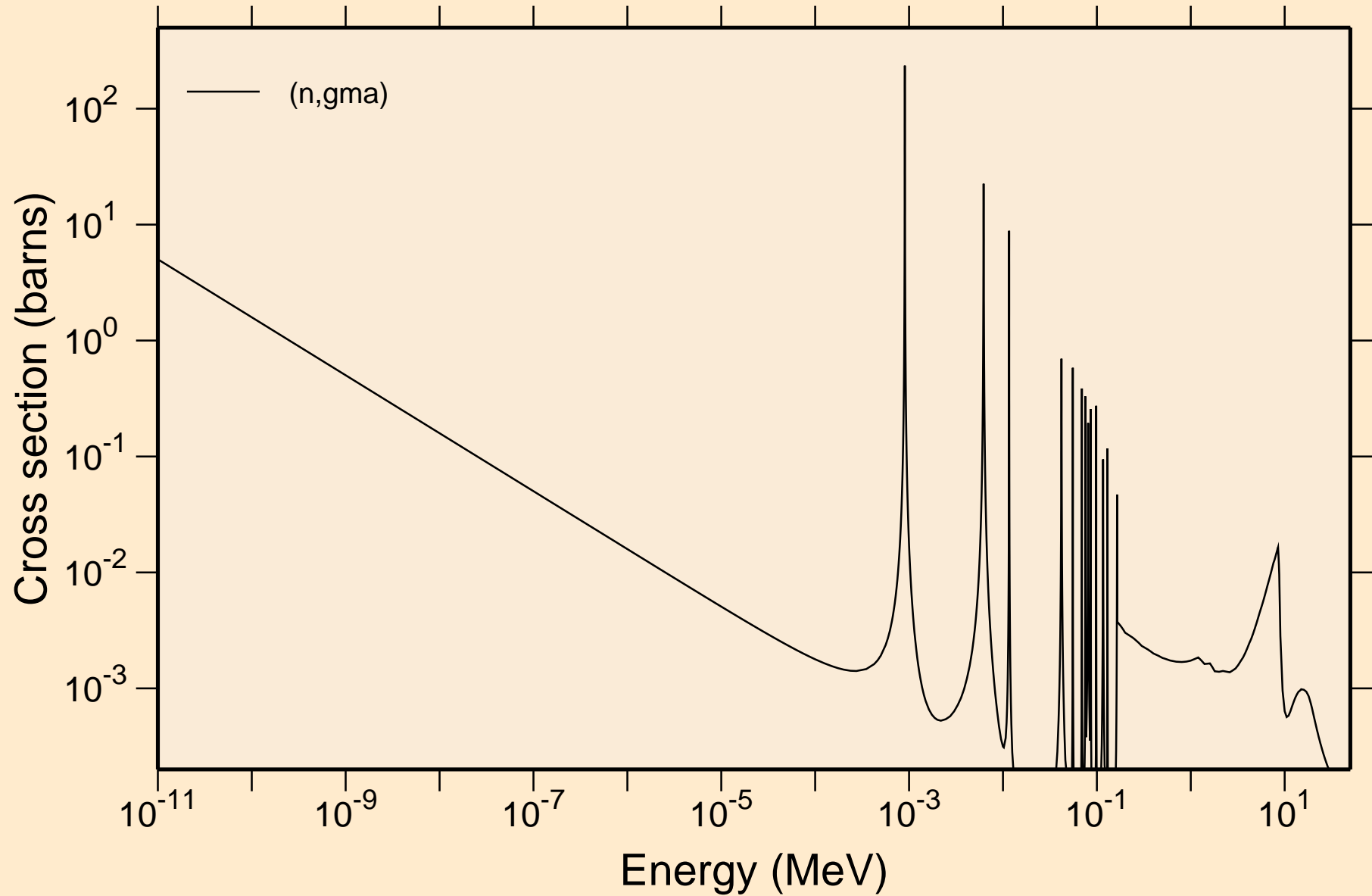


# TI053 NRG TENDL-2015, AKONING

## Principal cross sections

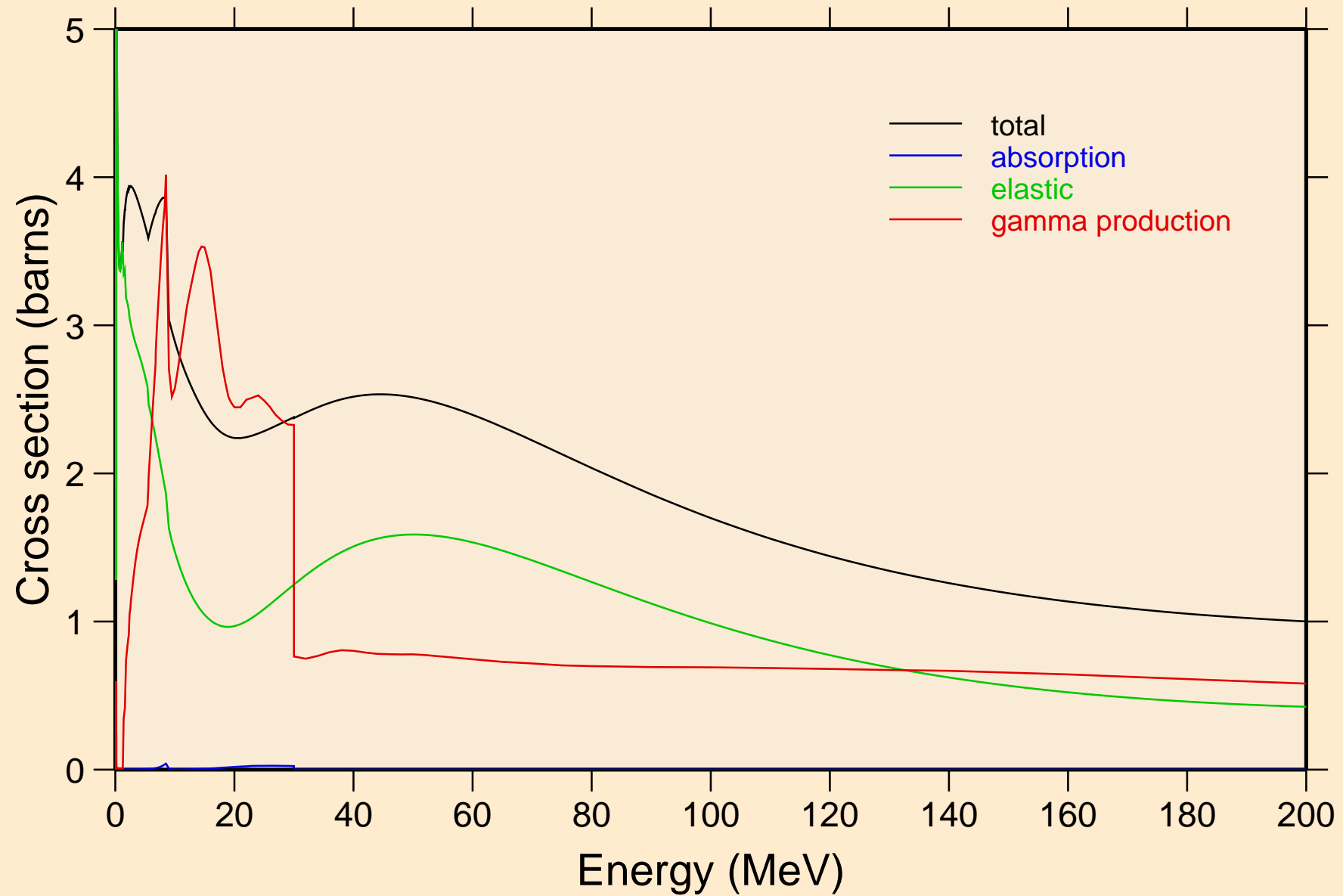


TI053 NRG TENDL-2015, AKONING  
Non-threshold reactions

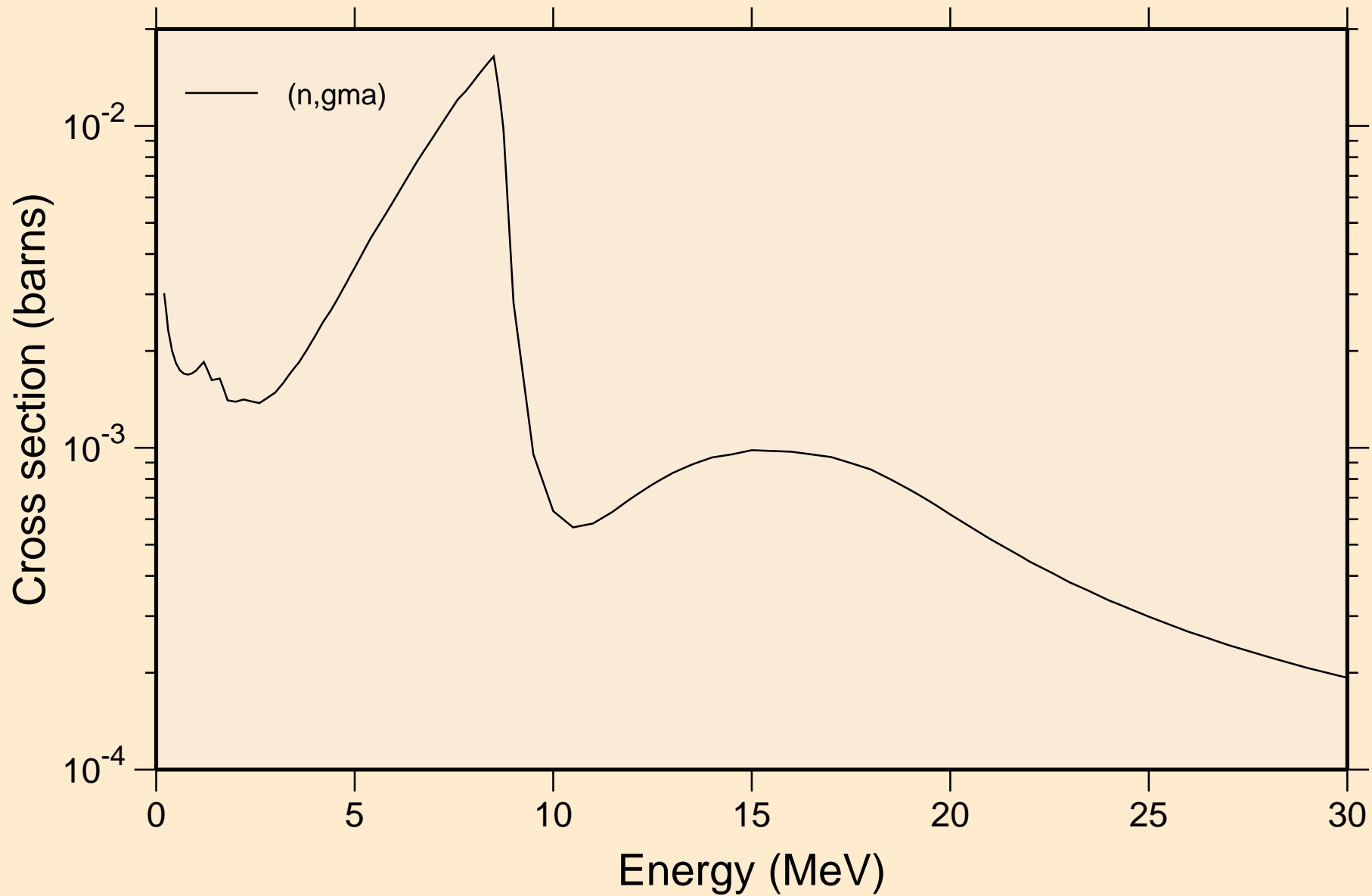


# TI053 NRG TENDL-2015, AKONING

## Principal cross sections

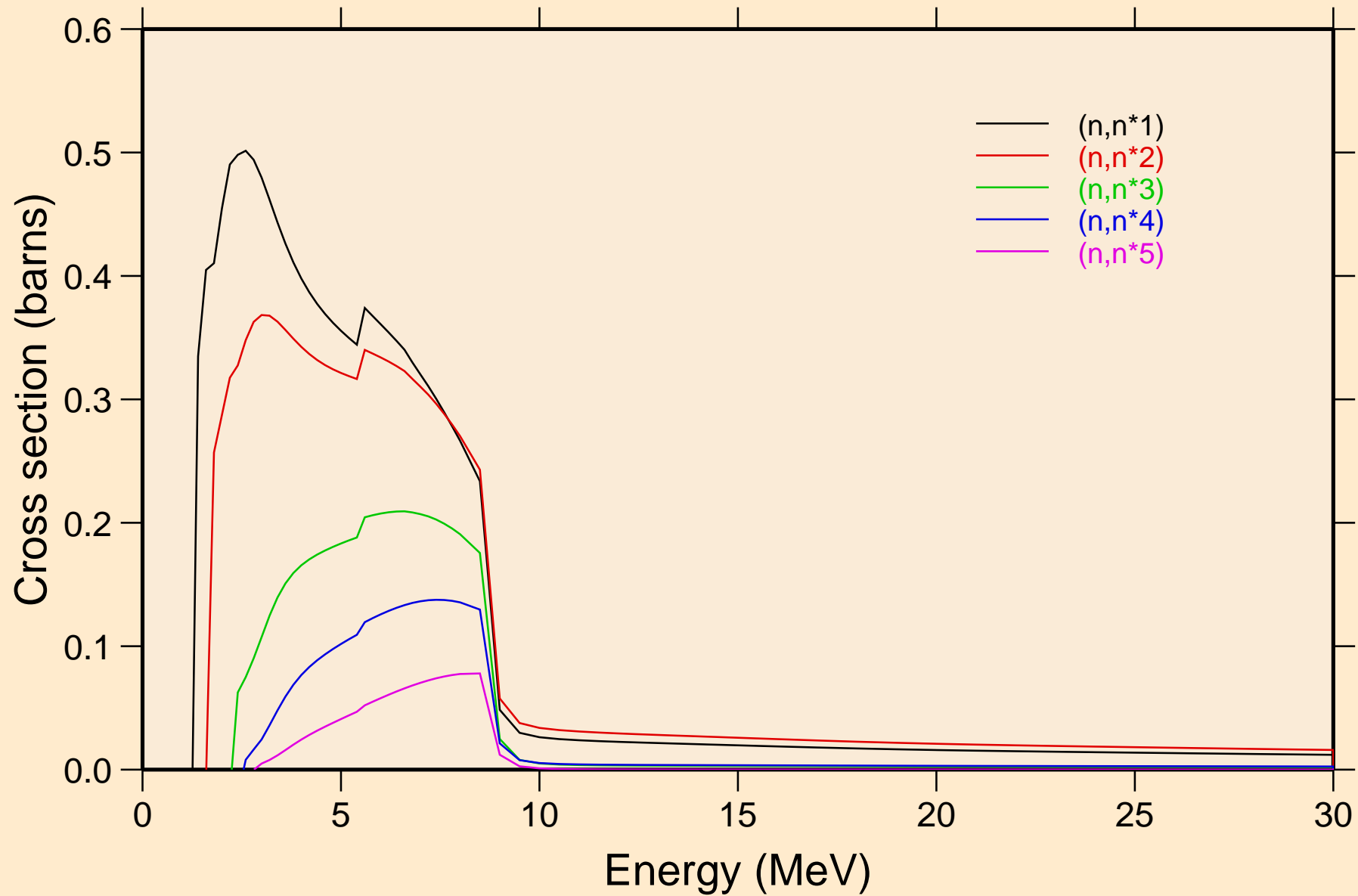


TI053 NRG TENDL-2015, AKONING  
Non-threshold reactions



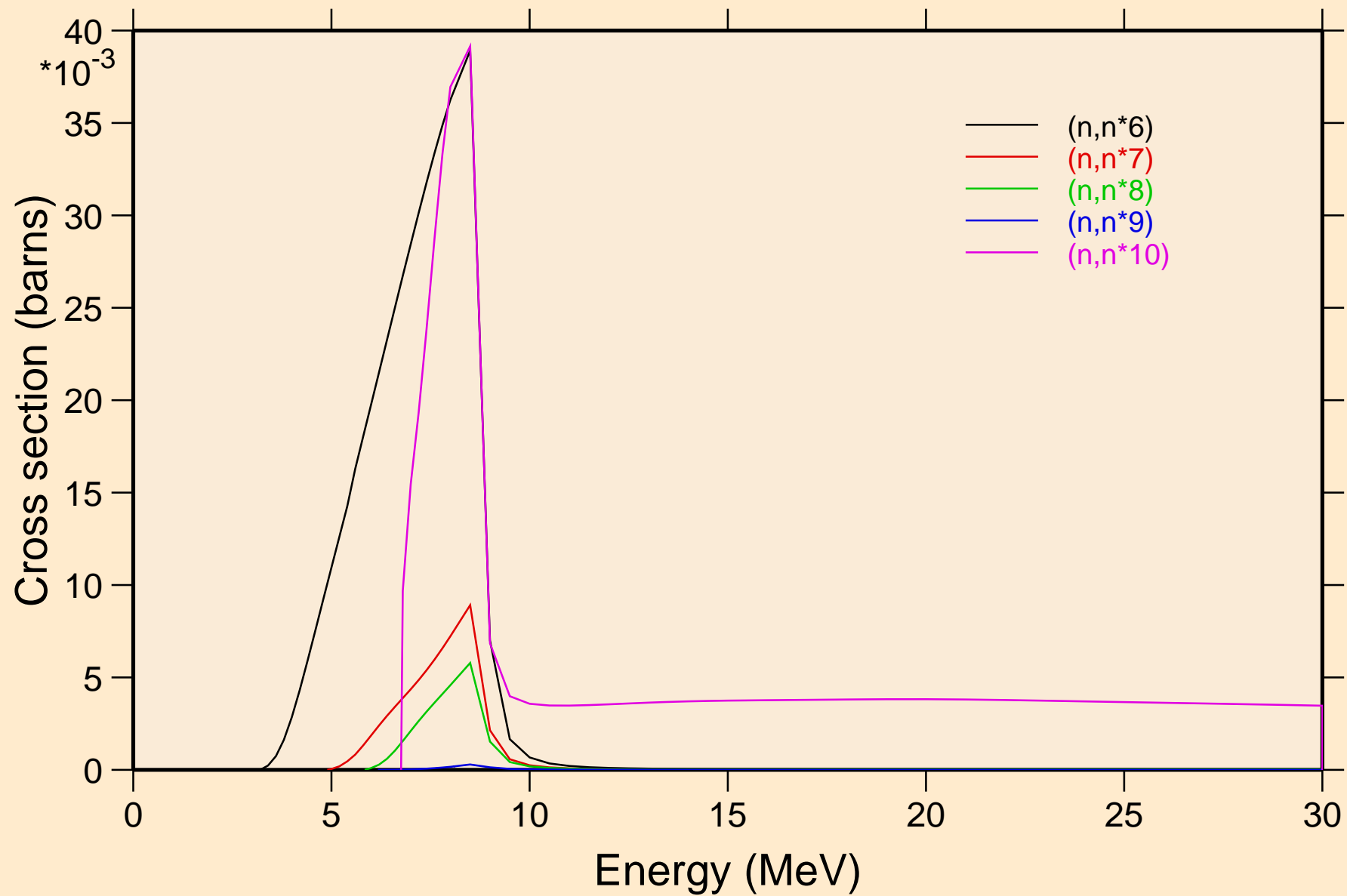
# TI053 NRG TENDL-2015, AKONING

## Inelastic levels

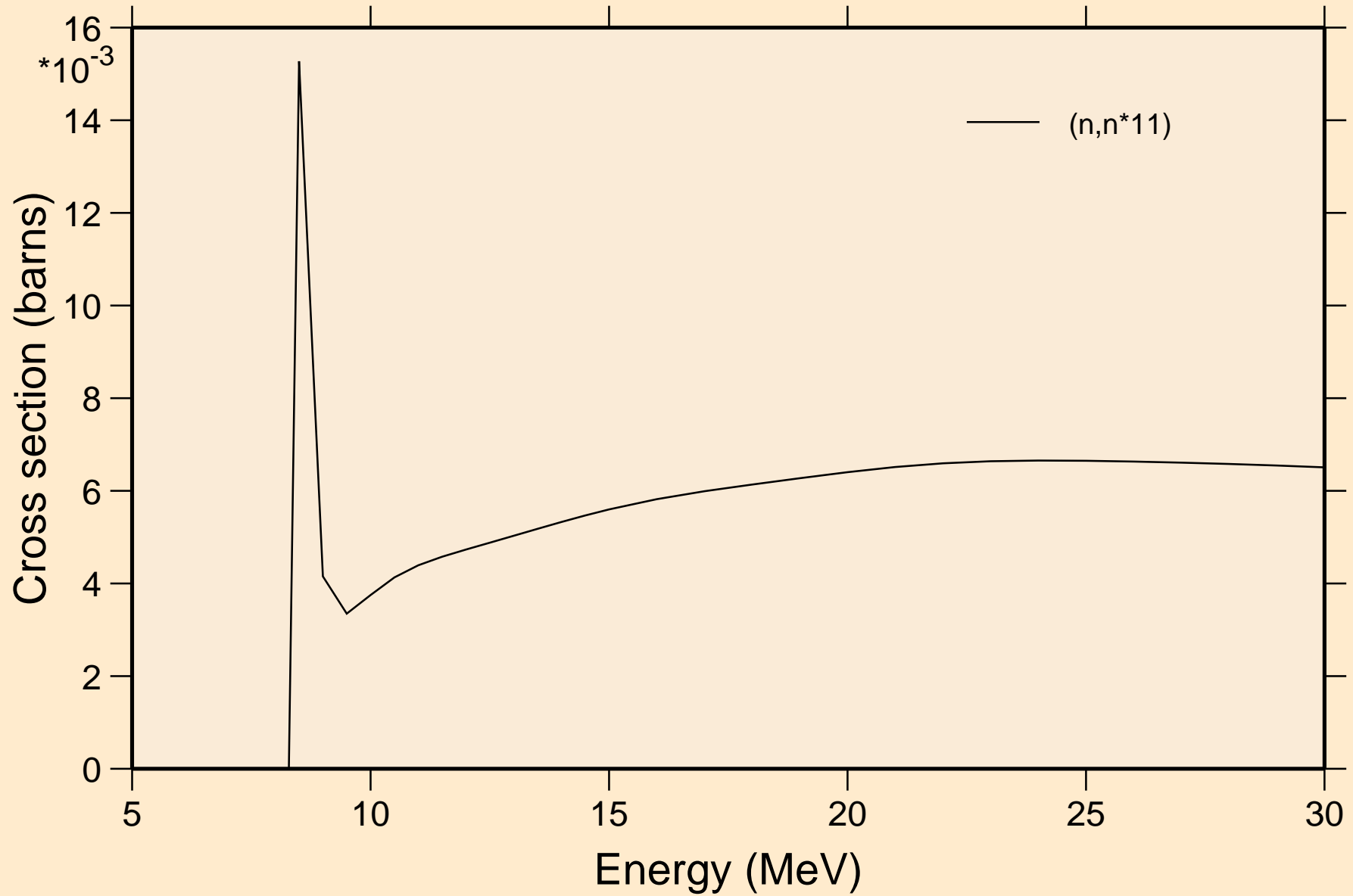


# TI053 NRG TENDL-2015, AKONING

## Inelastic levels

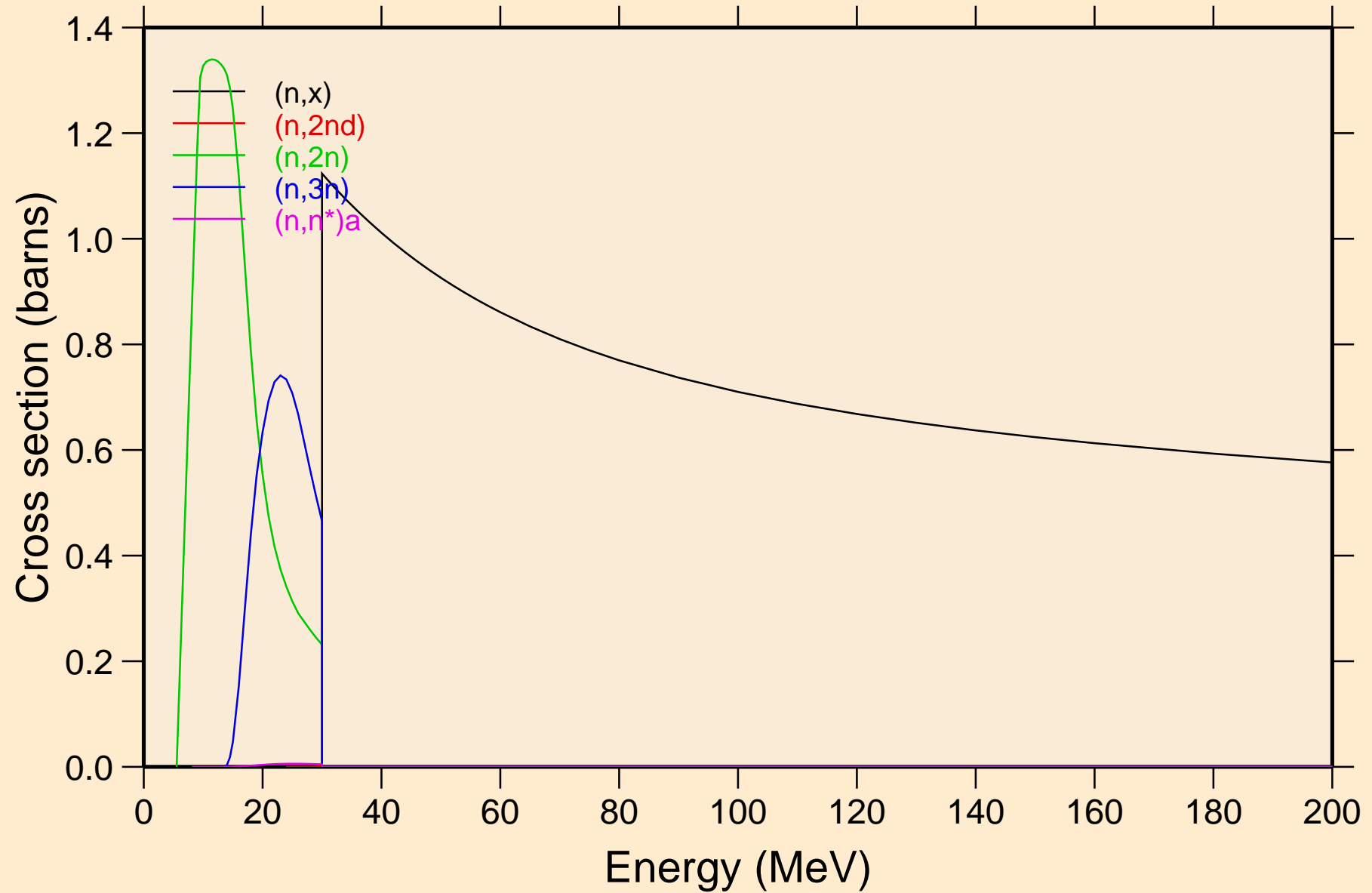


TI053 NRG TENDL-2015, AKONING  
Inelastic levels



# TI053 NRG TENDL-2015, AKONING

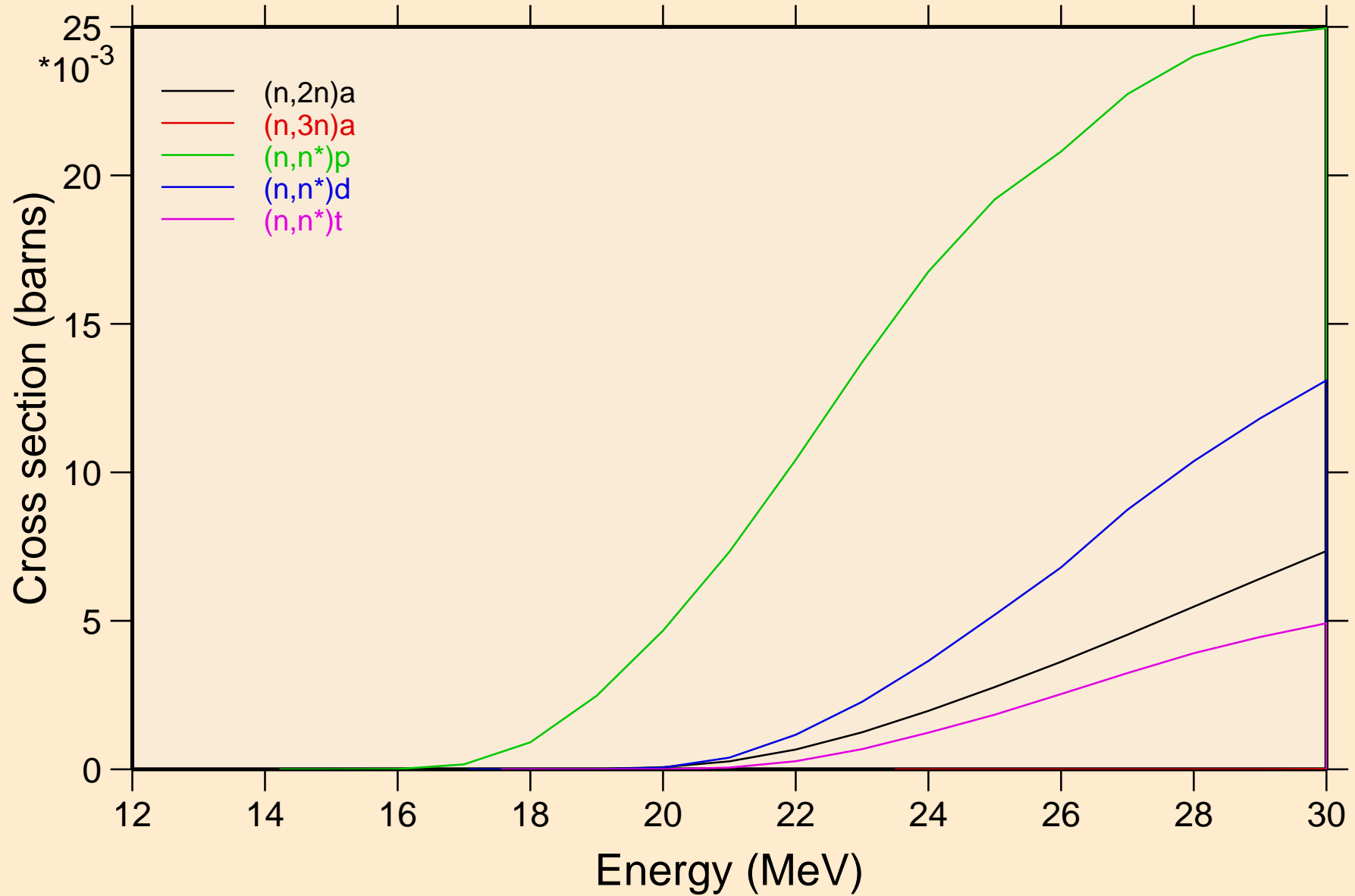
## Threshold reactions





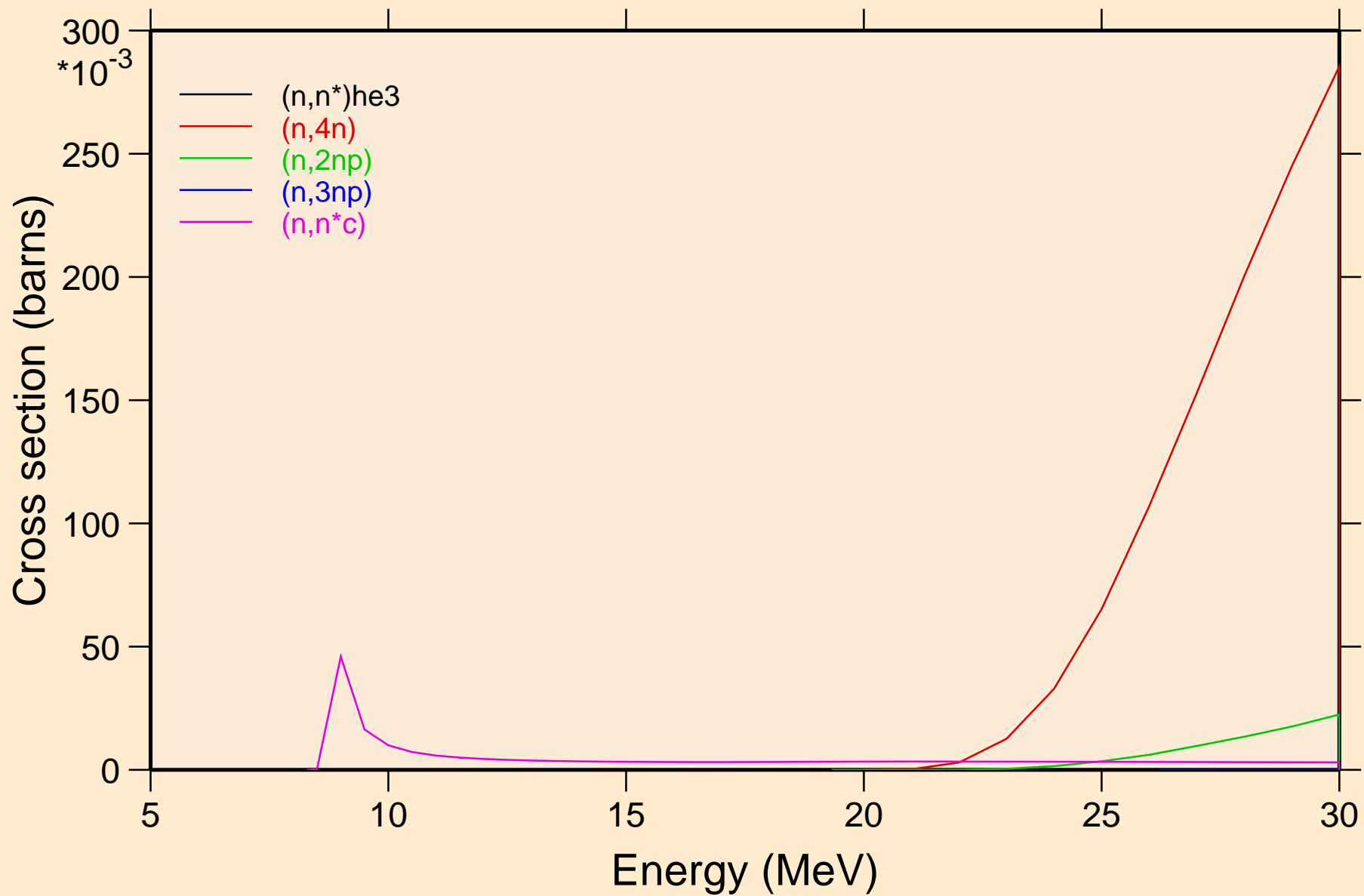
# TI053 NRG TENDL-2015, AKONING

## Threshold reactions



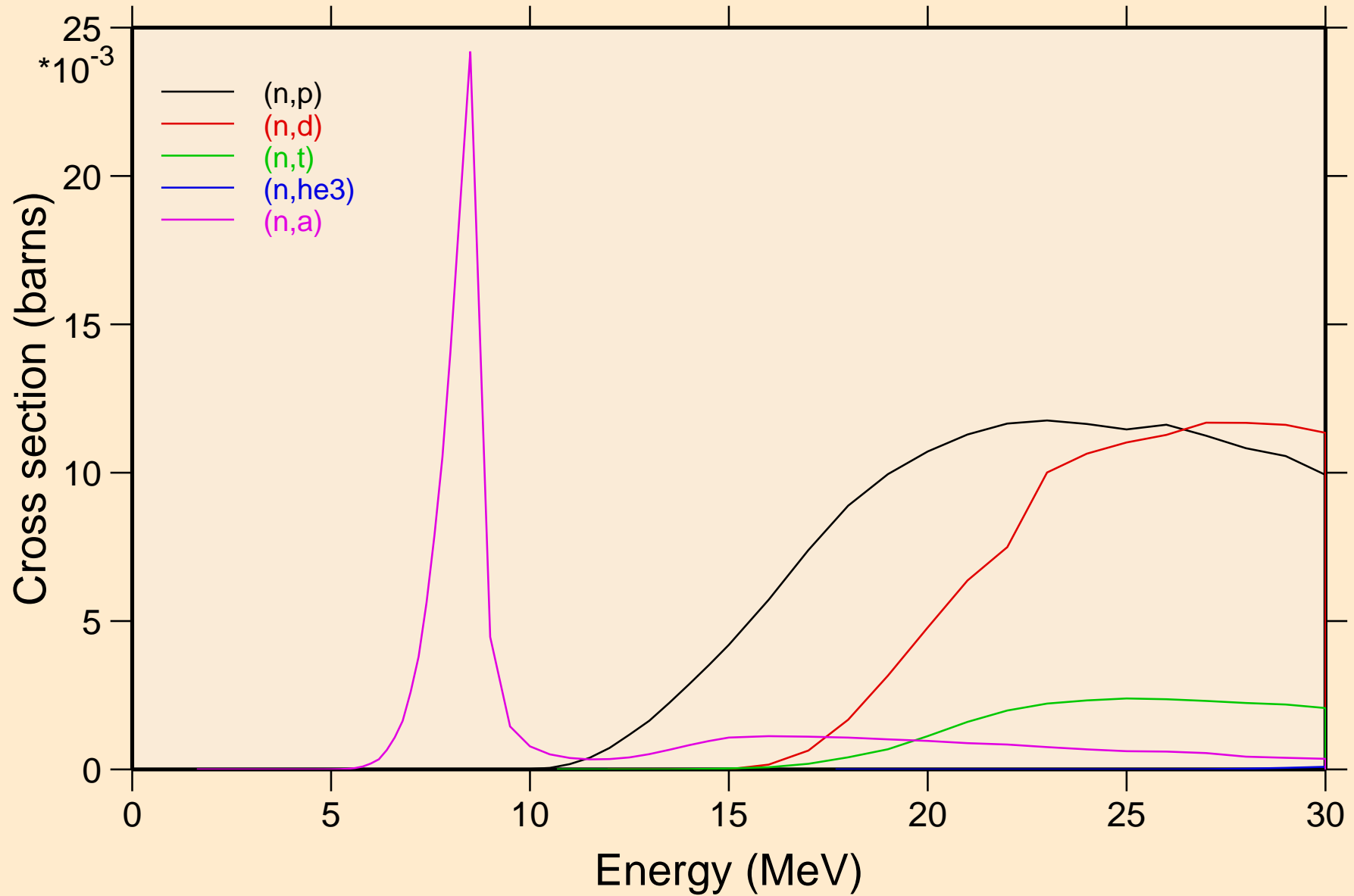
# TI053 NRG TENDL-2015, AKONING

## Threshold reactions



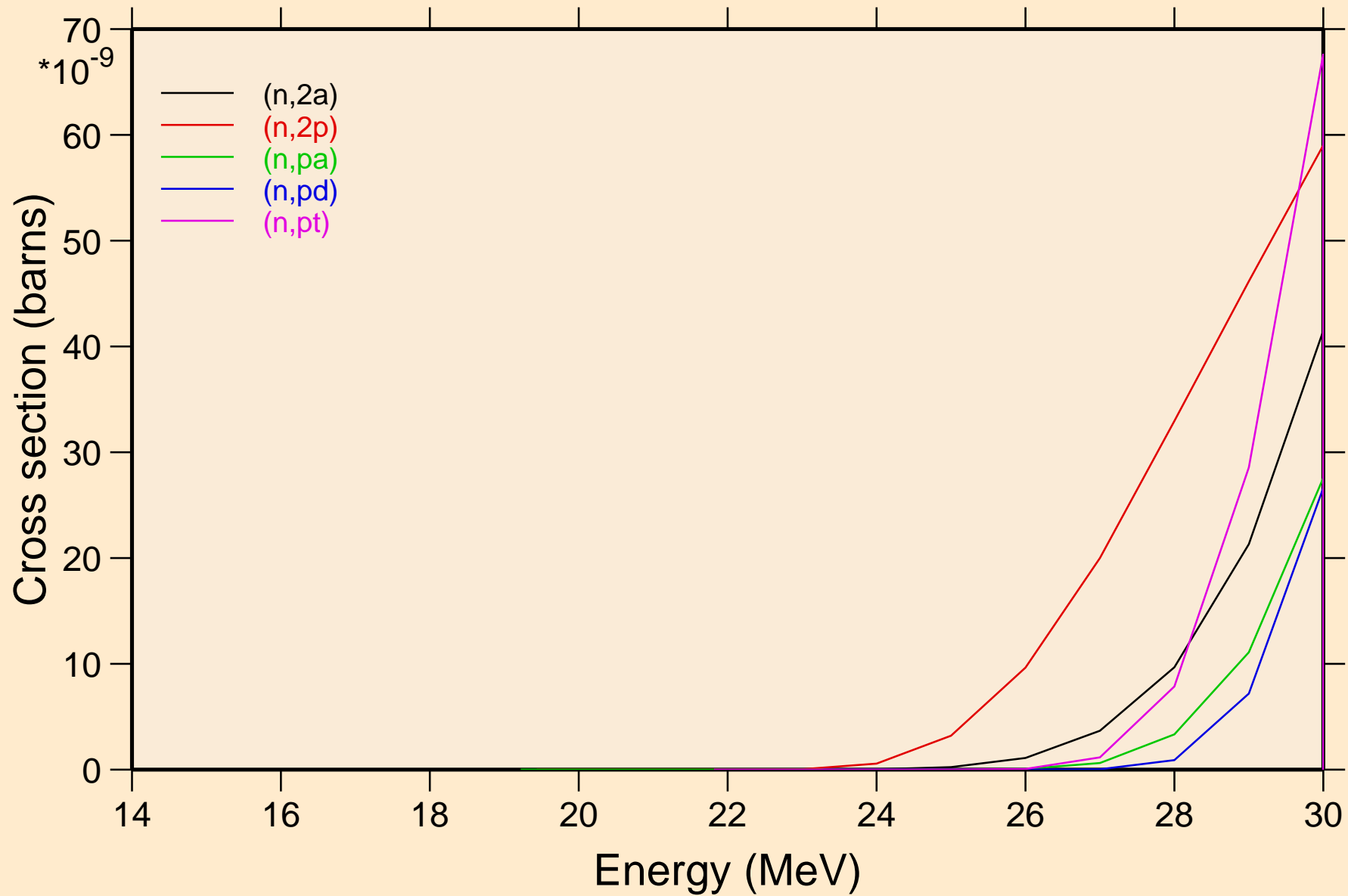
# TI053 NRG TENDL-2015, AKONING

## Threshold reactions

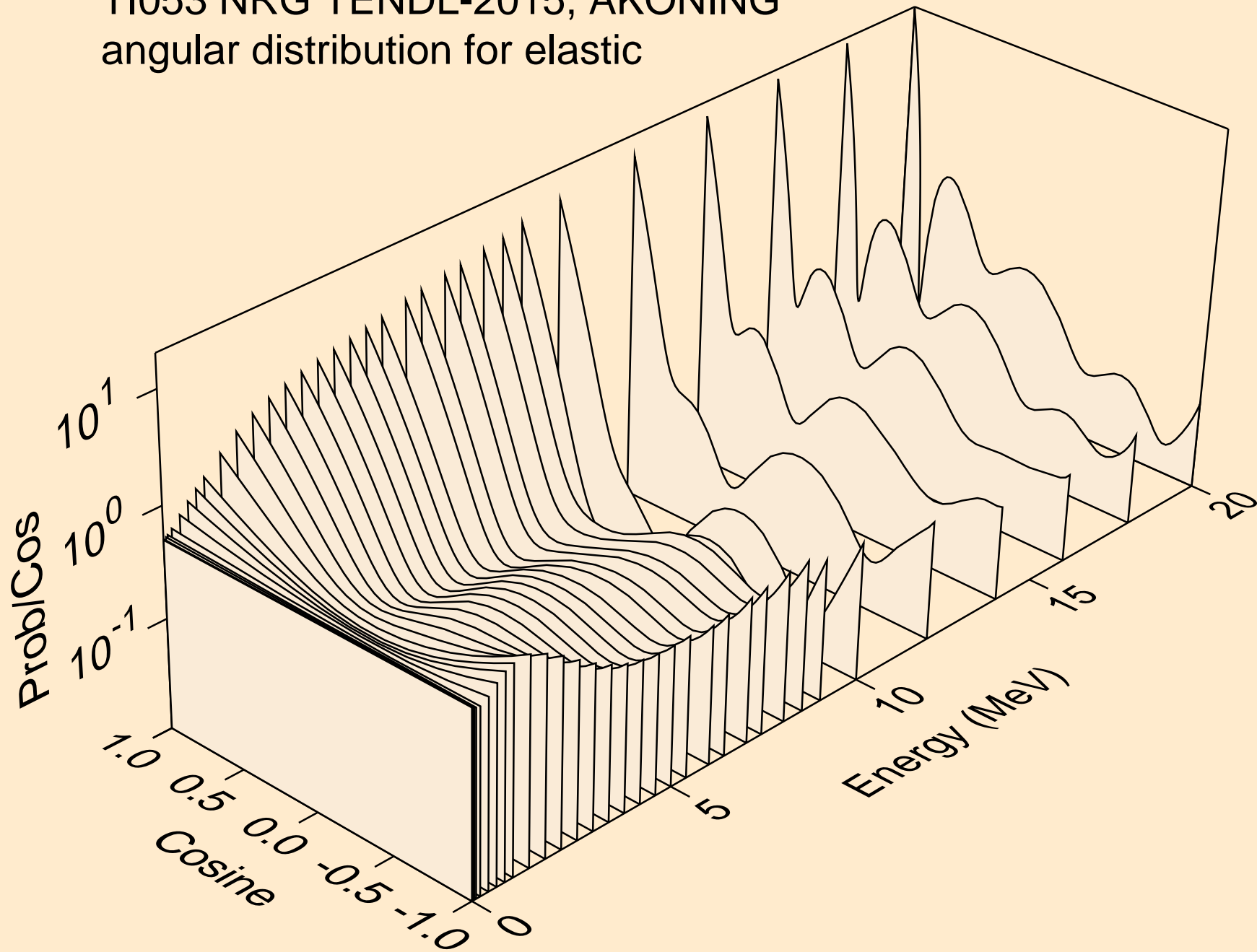


# TI053 NRG TENDL-2015, AKONING

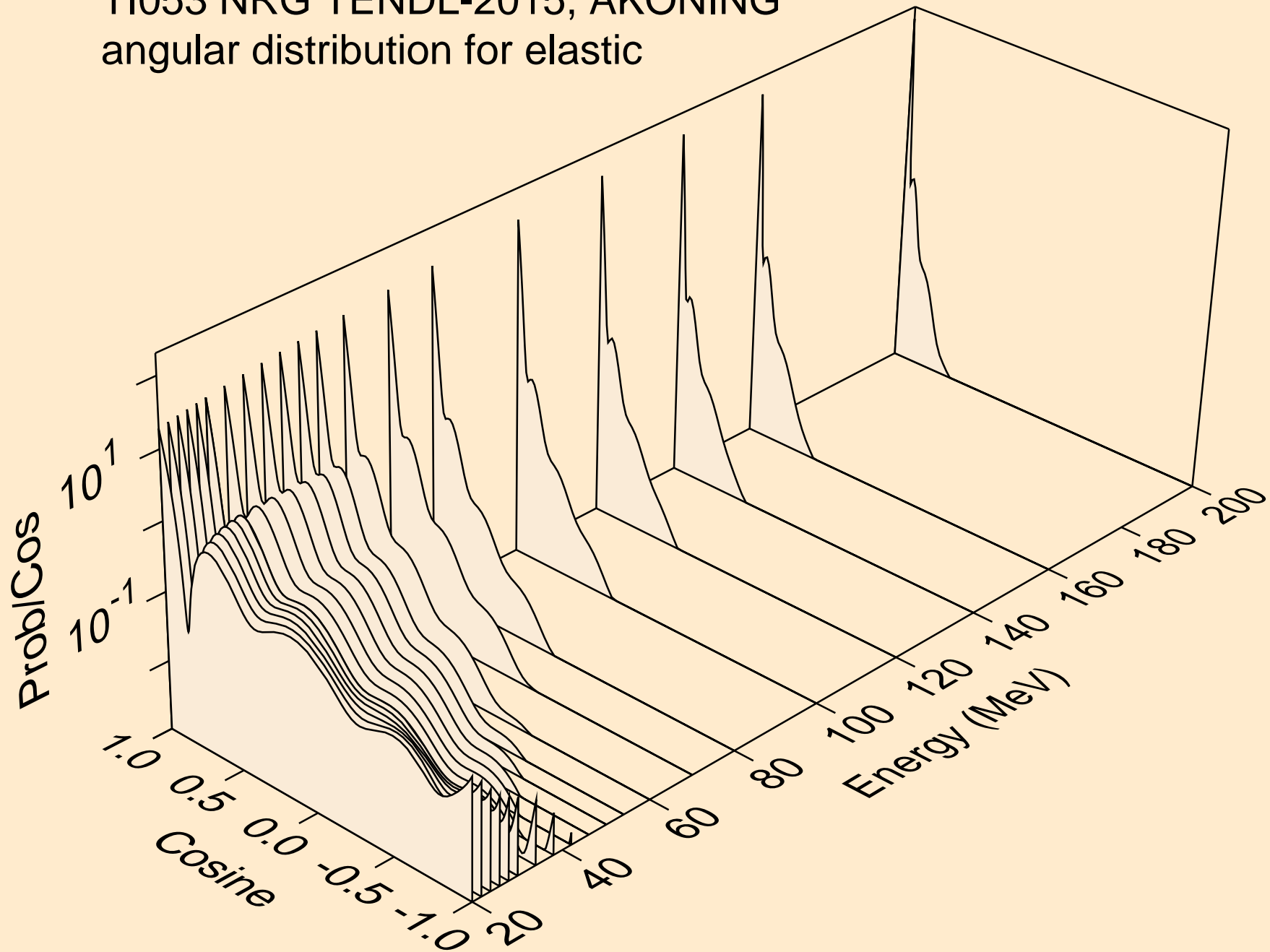
## Threshold reactions



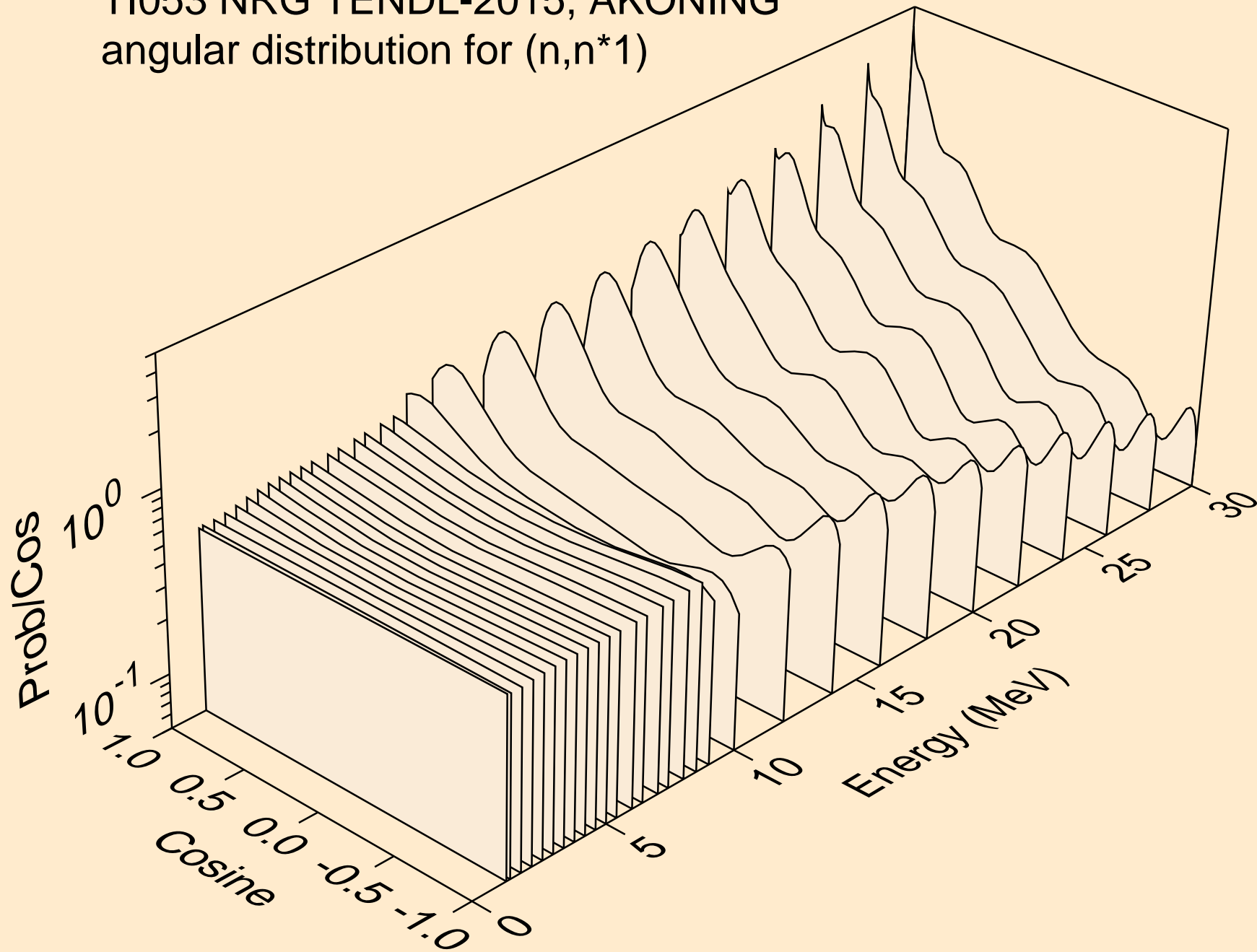
TI053 NRG TENDL-2015, AKONING  
angular distribution for elastic



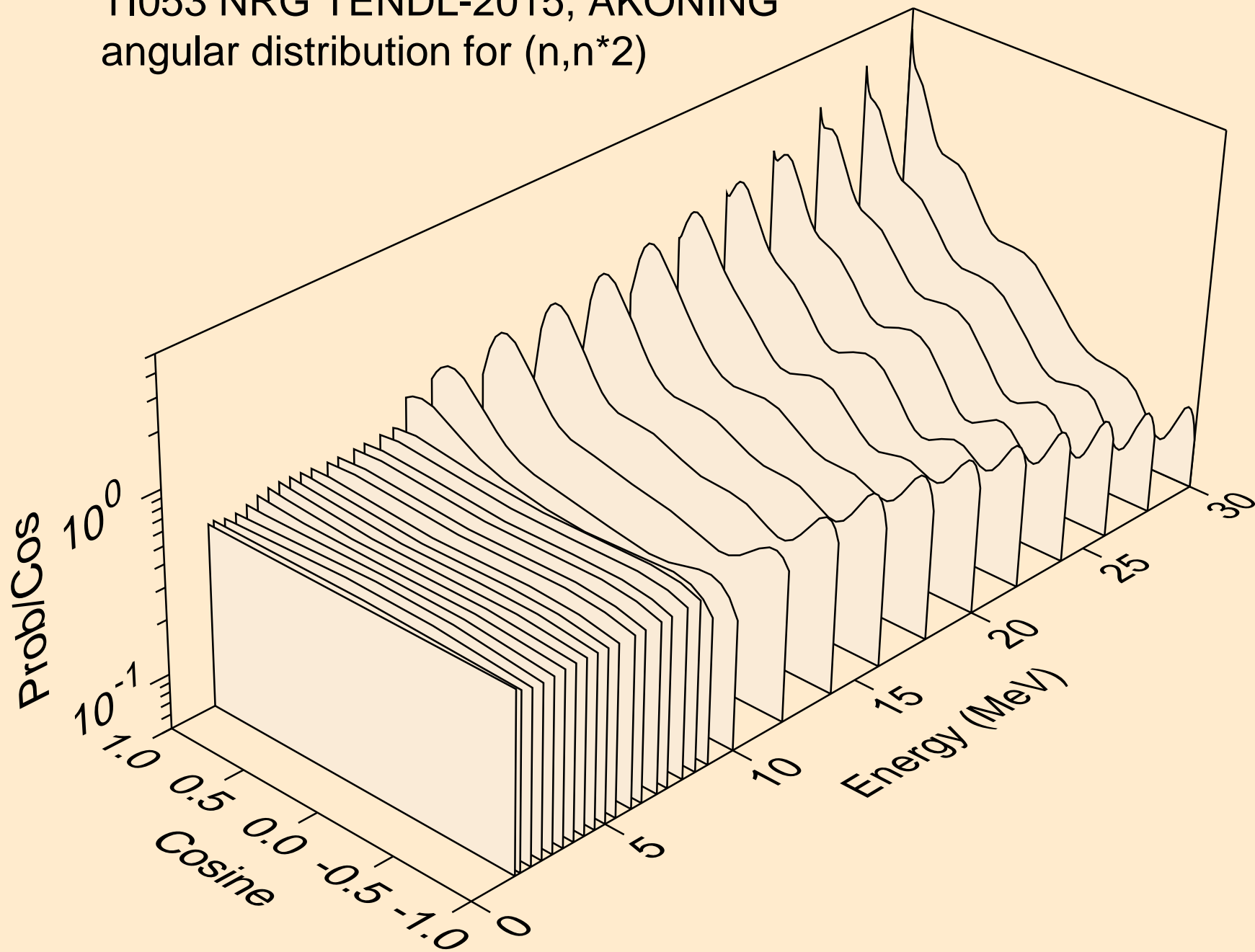
TI053 NRG TENDL-2015, AKONING  
angular distribution for elastic



TI053 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

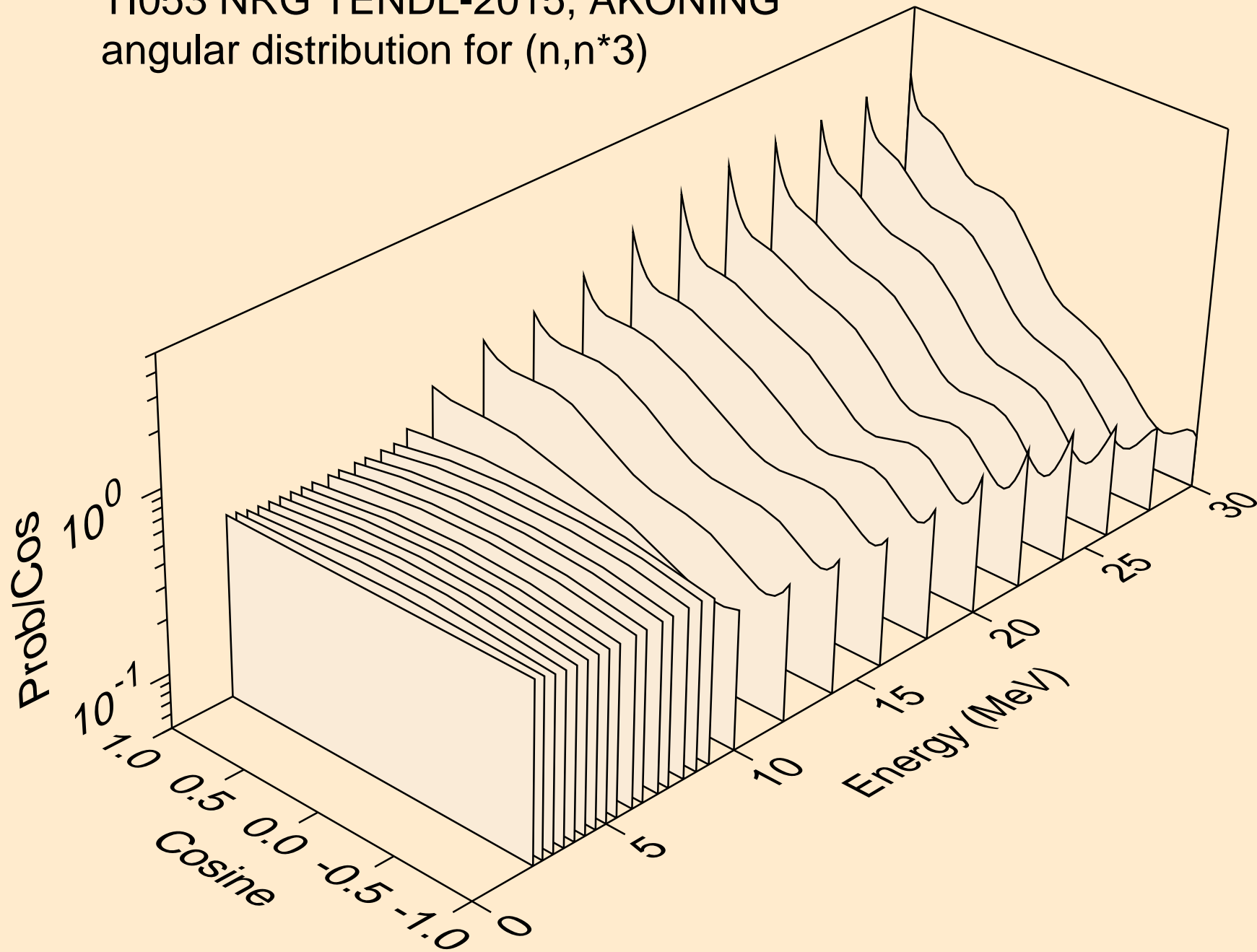


TI053 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

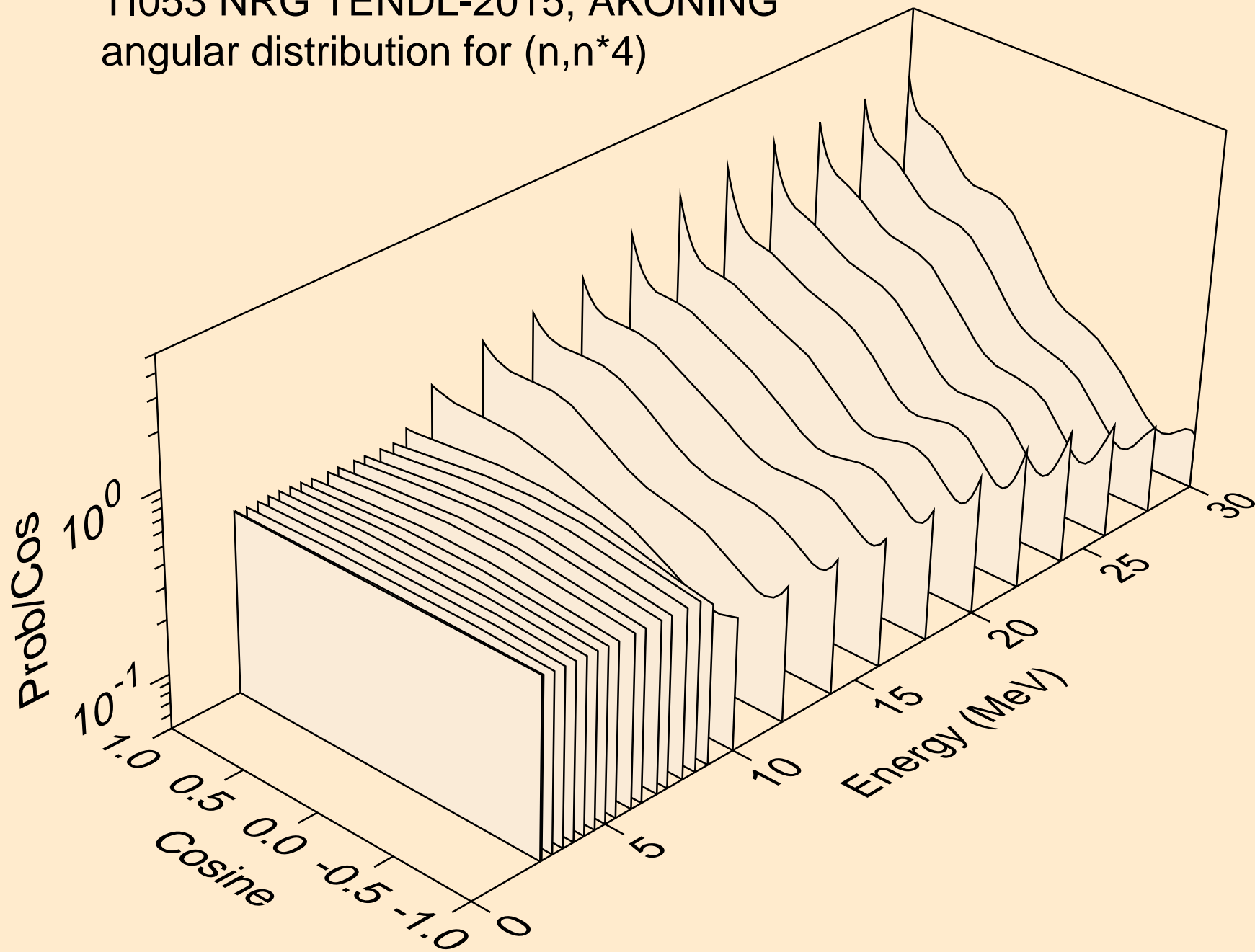




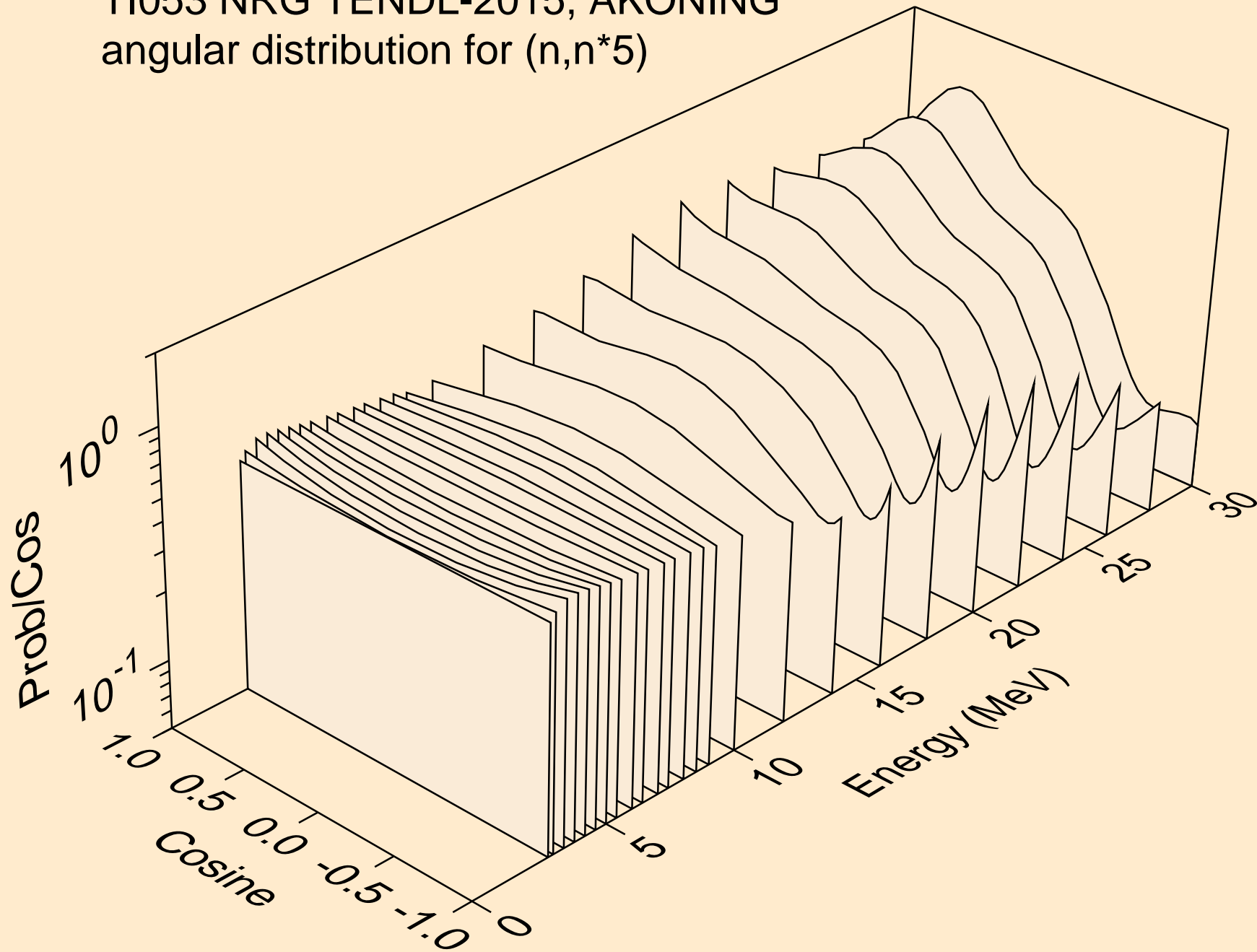
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angular distribution for (n,n\*3)



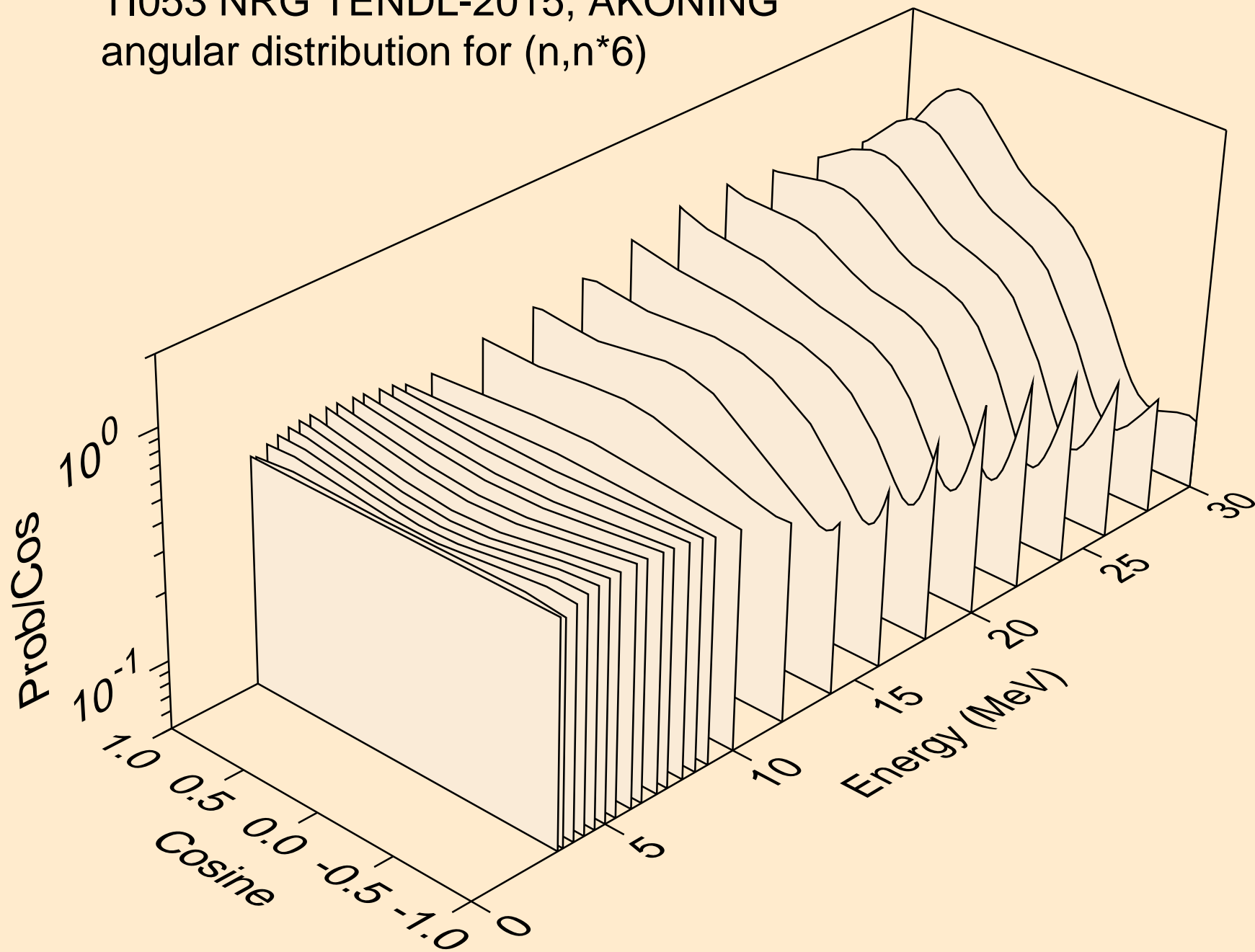
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angular distribution for (n,n\*4)



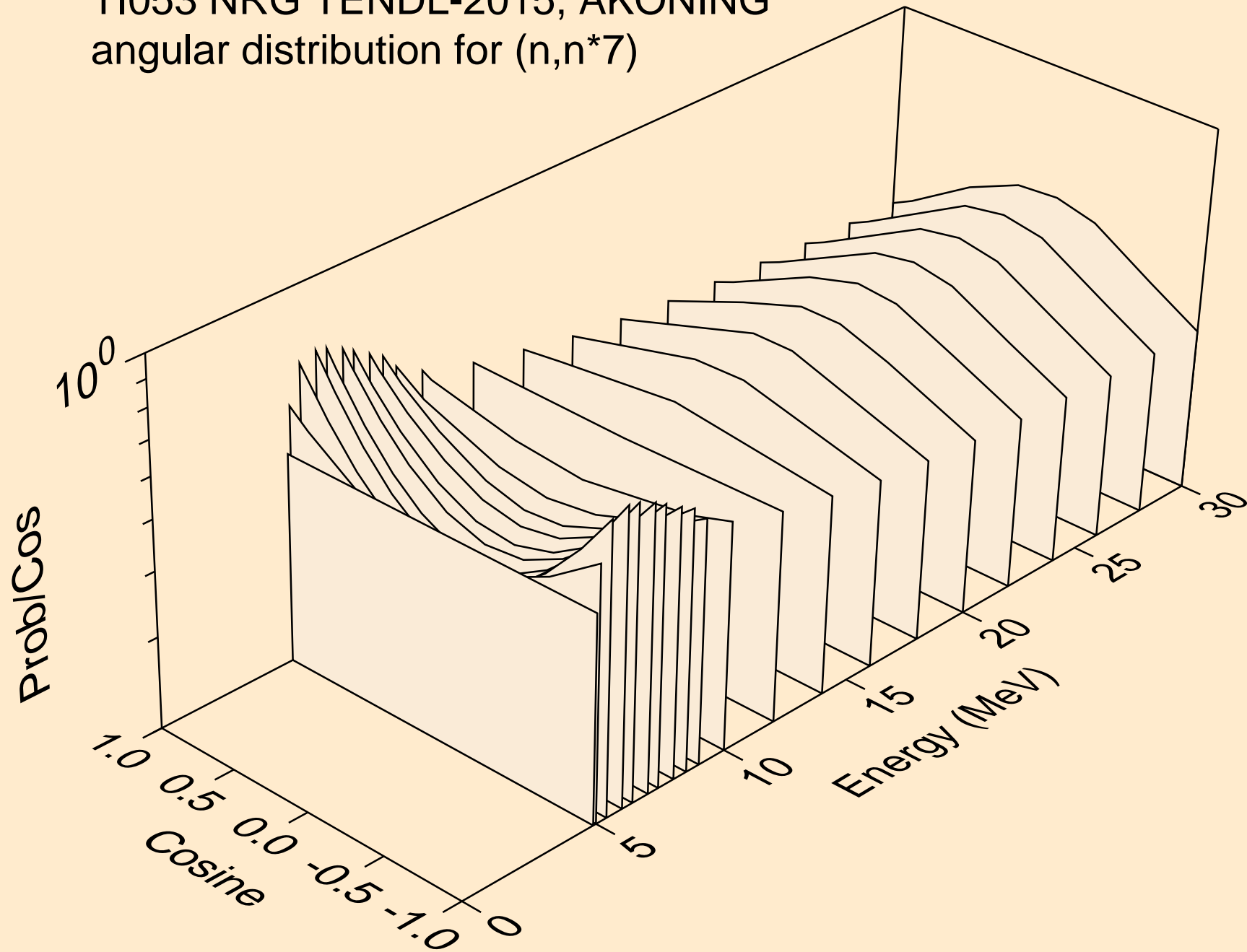
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angular distribution for (n,n\*5)



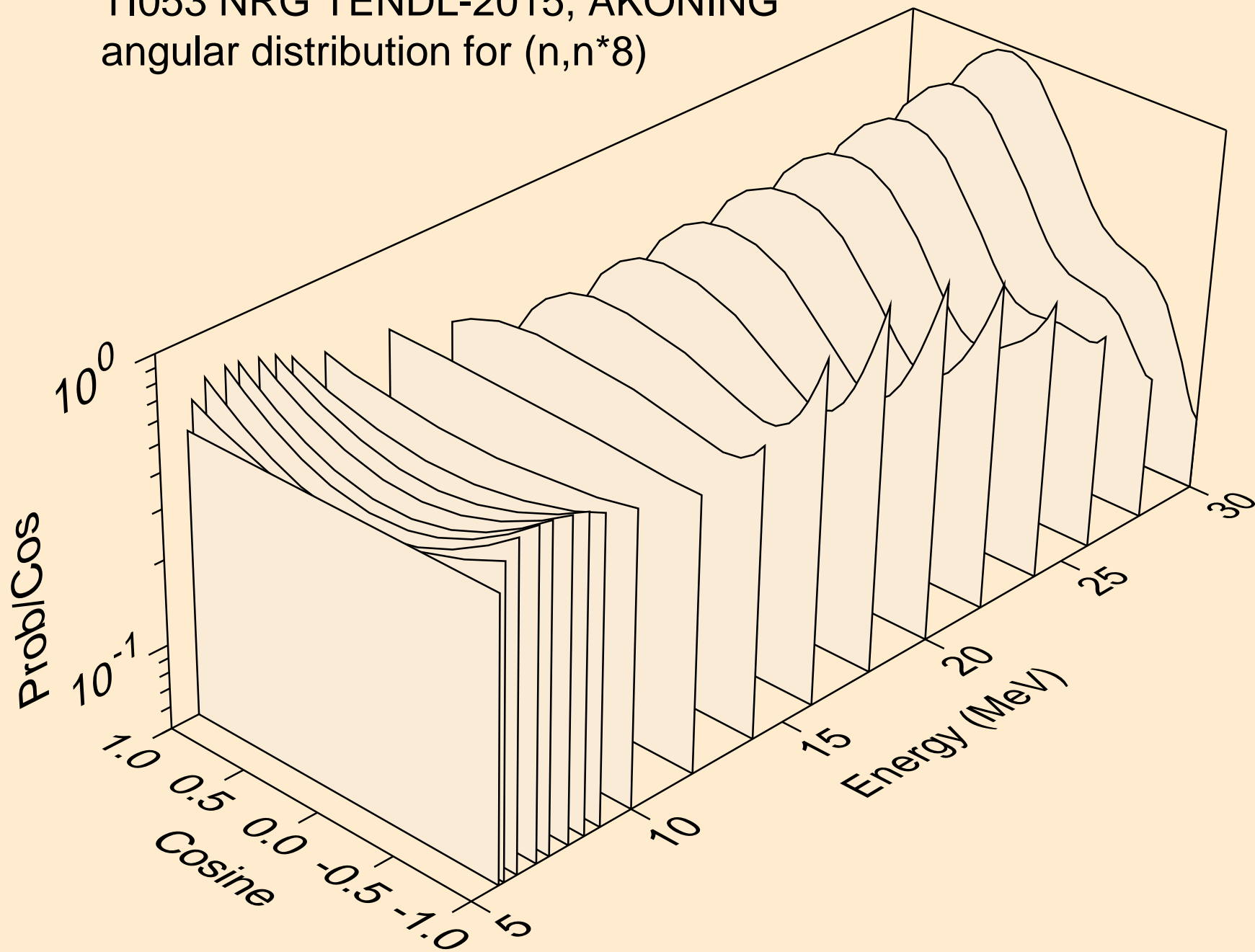
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angular distribution for (n,n\*6)



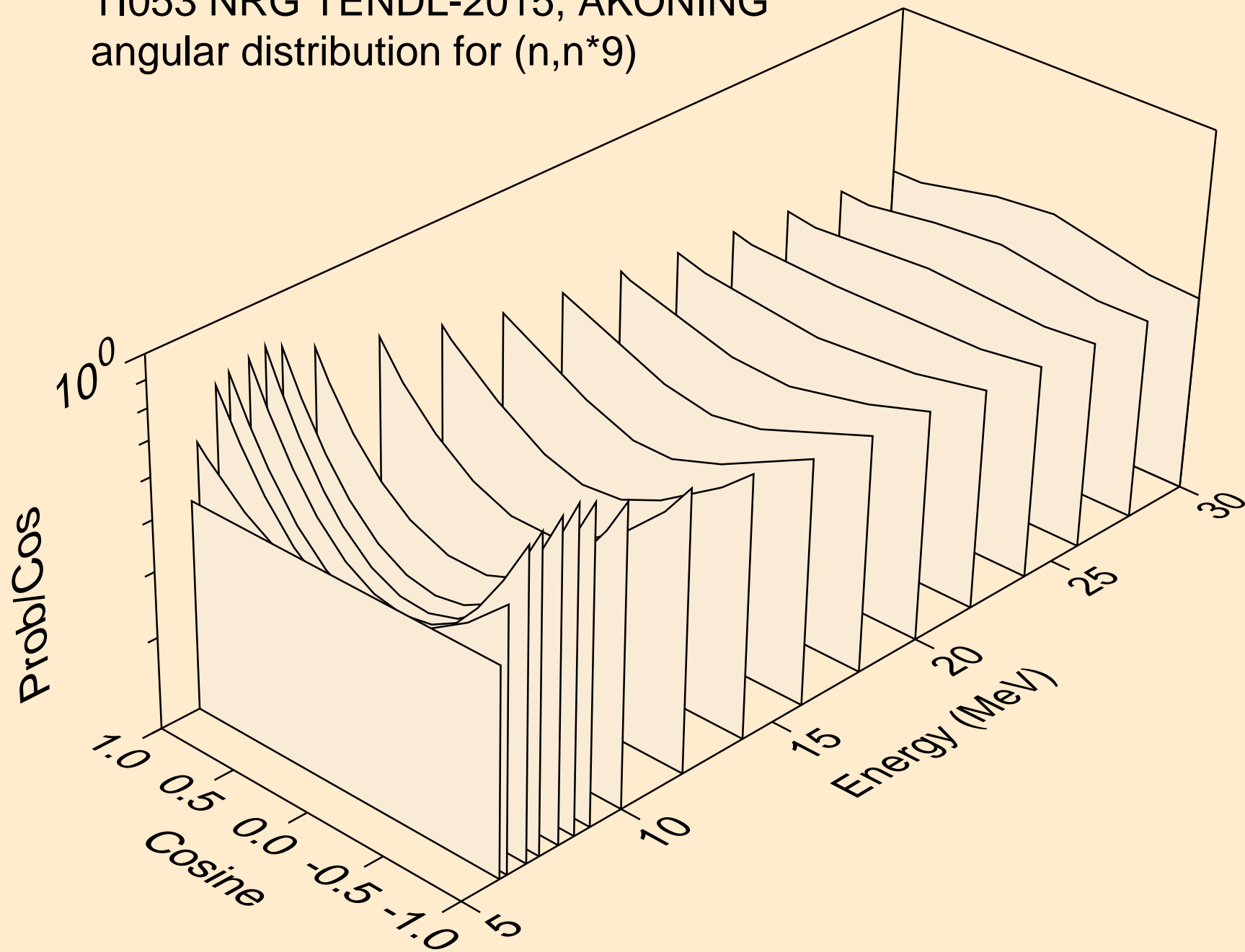
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angular distribution for (n,n\*7)



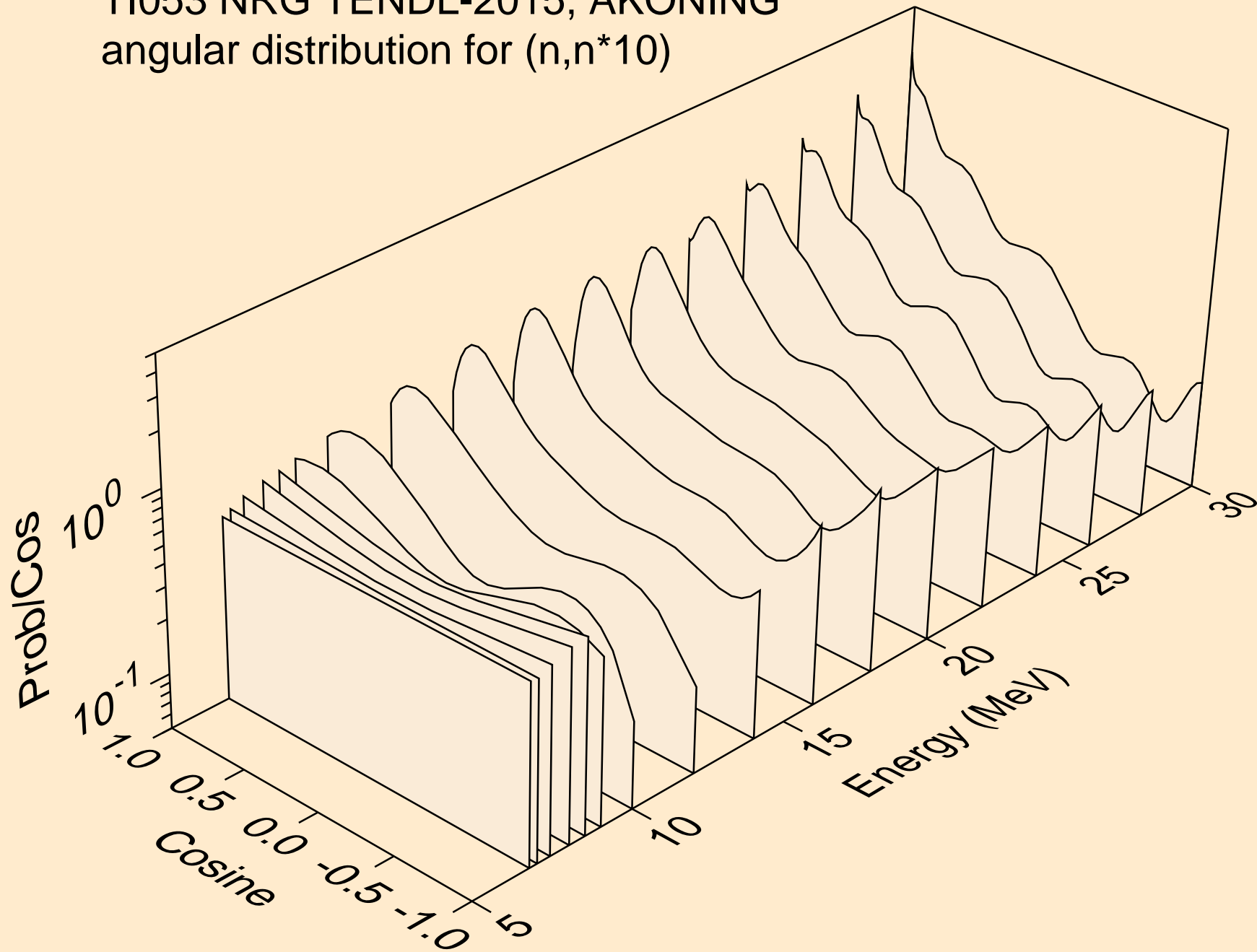
TI053 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



TI053 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

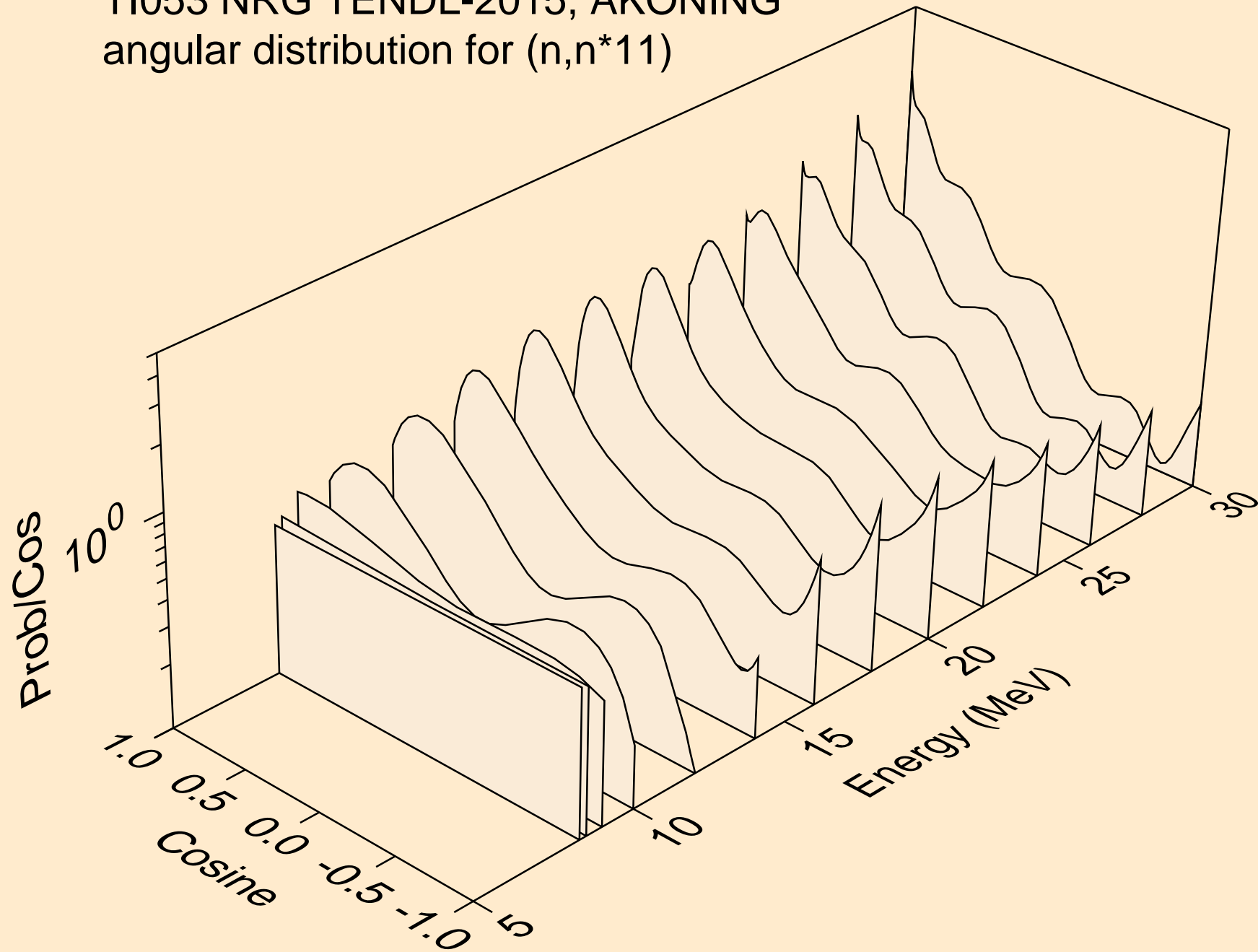


TI053 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)

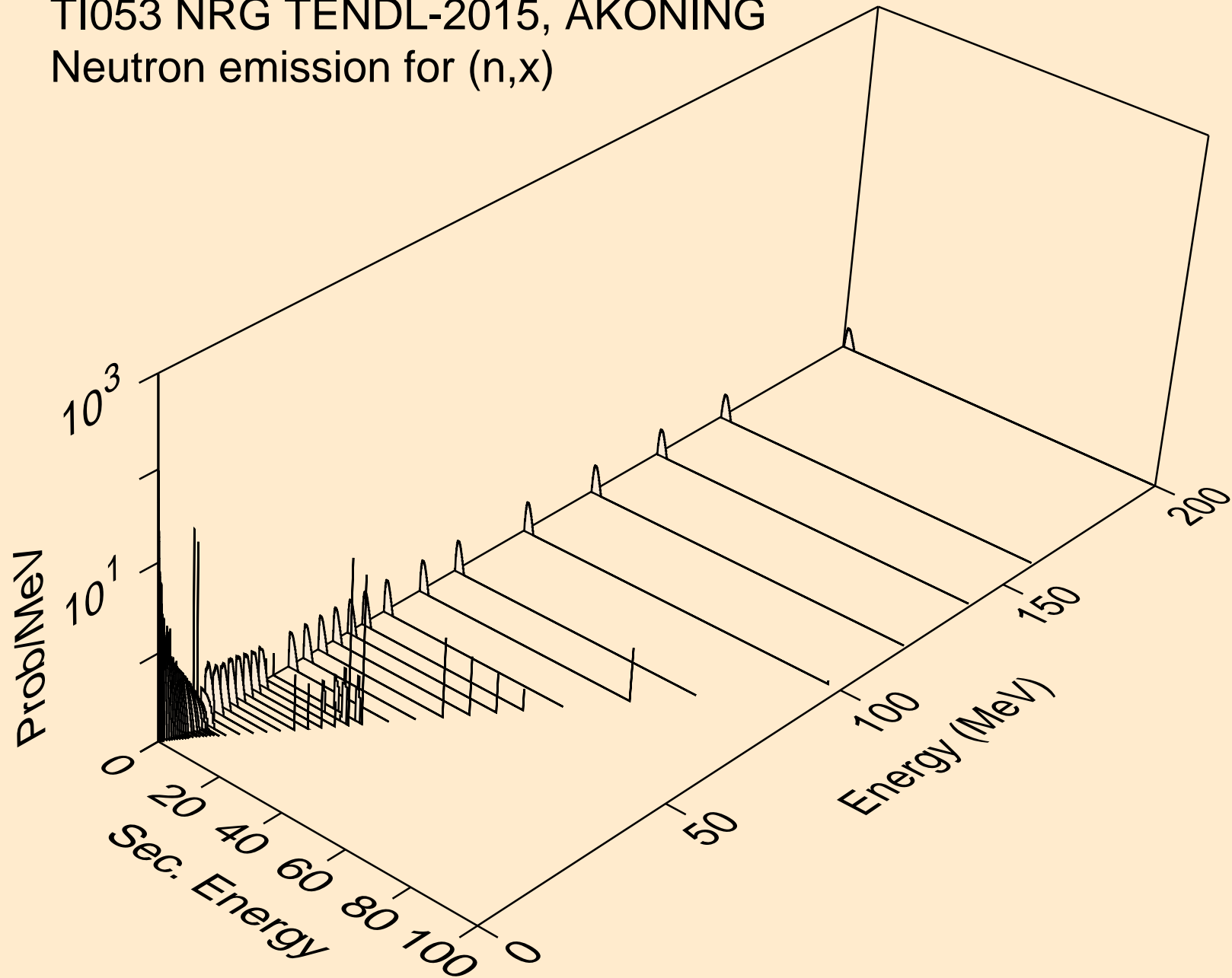




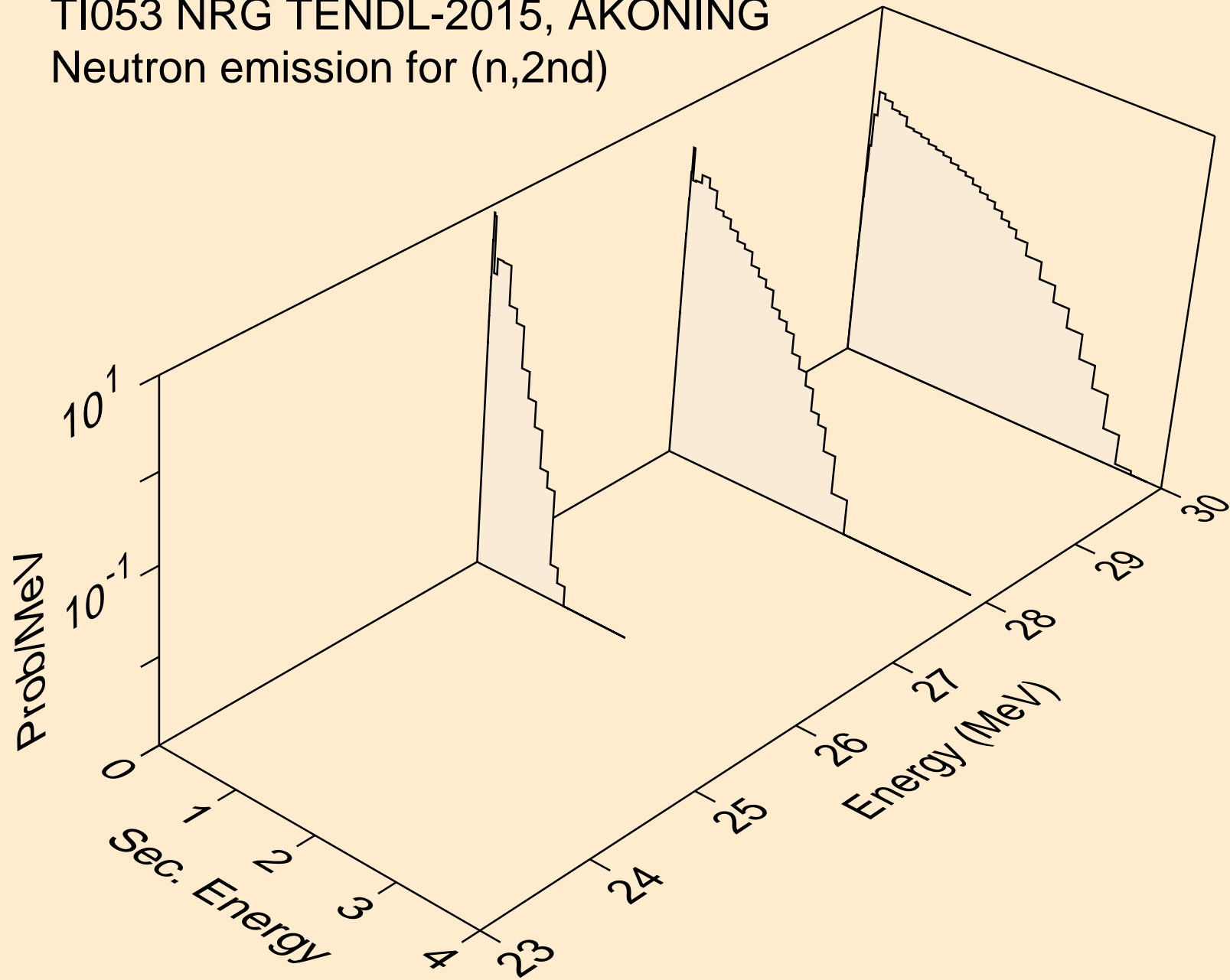
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angular distribution for (n,n\*11)



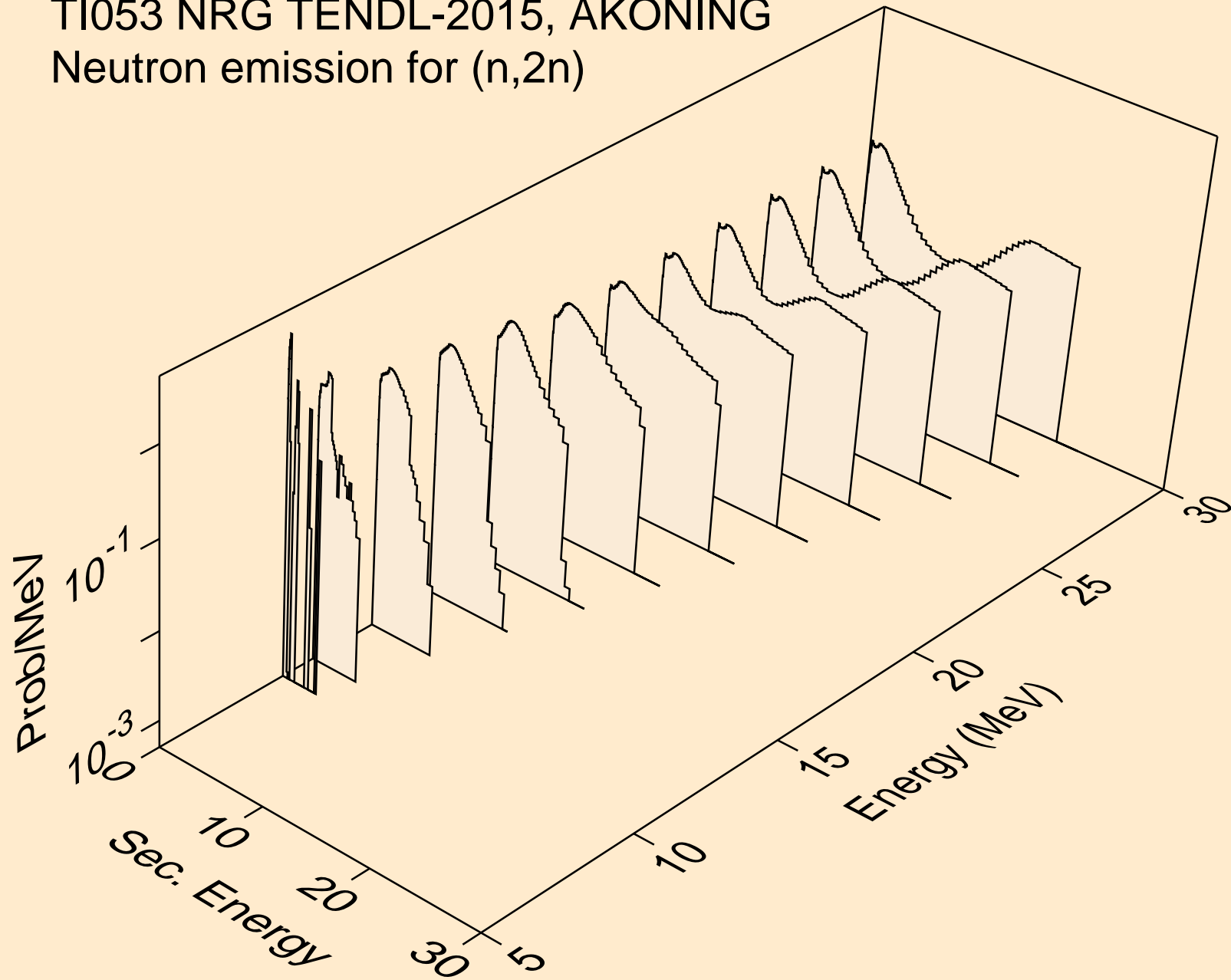
TI053 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



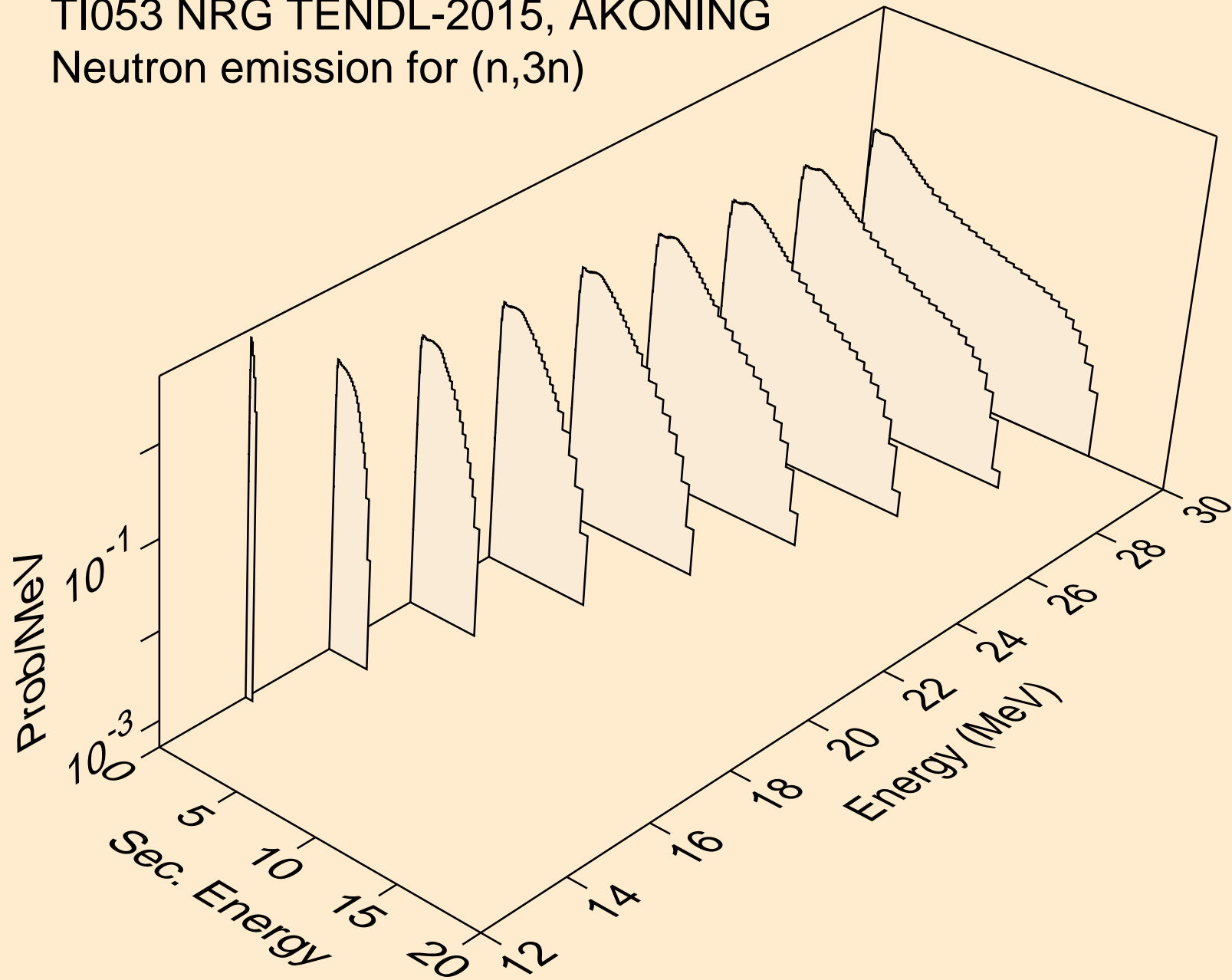
TI053 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



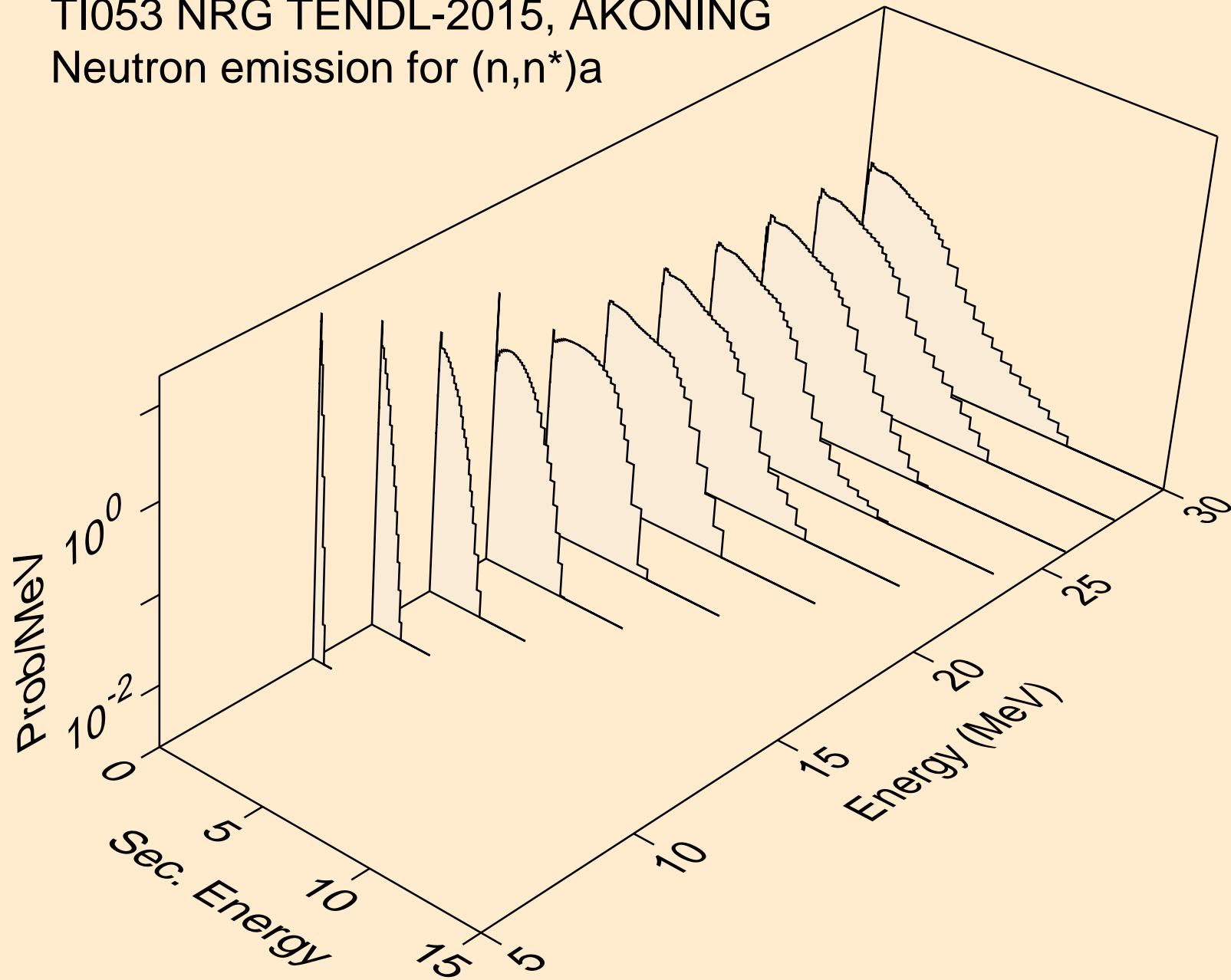
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Neutron emission for (n,2n)



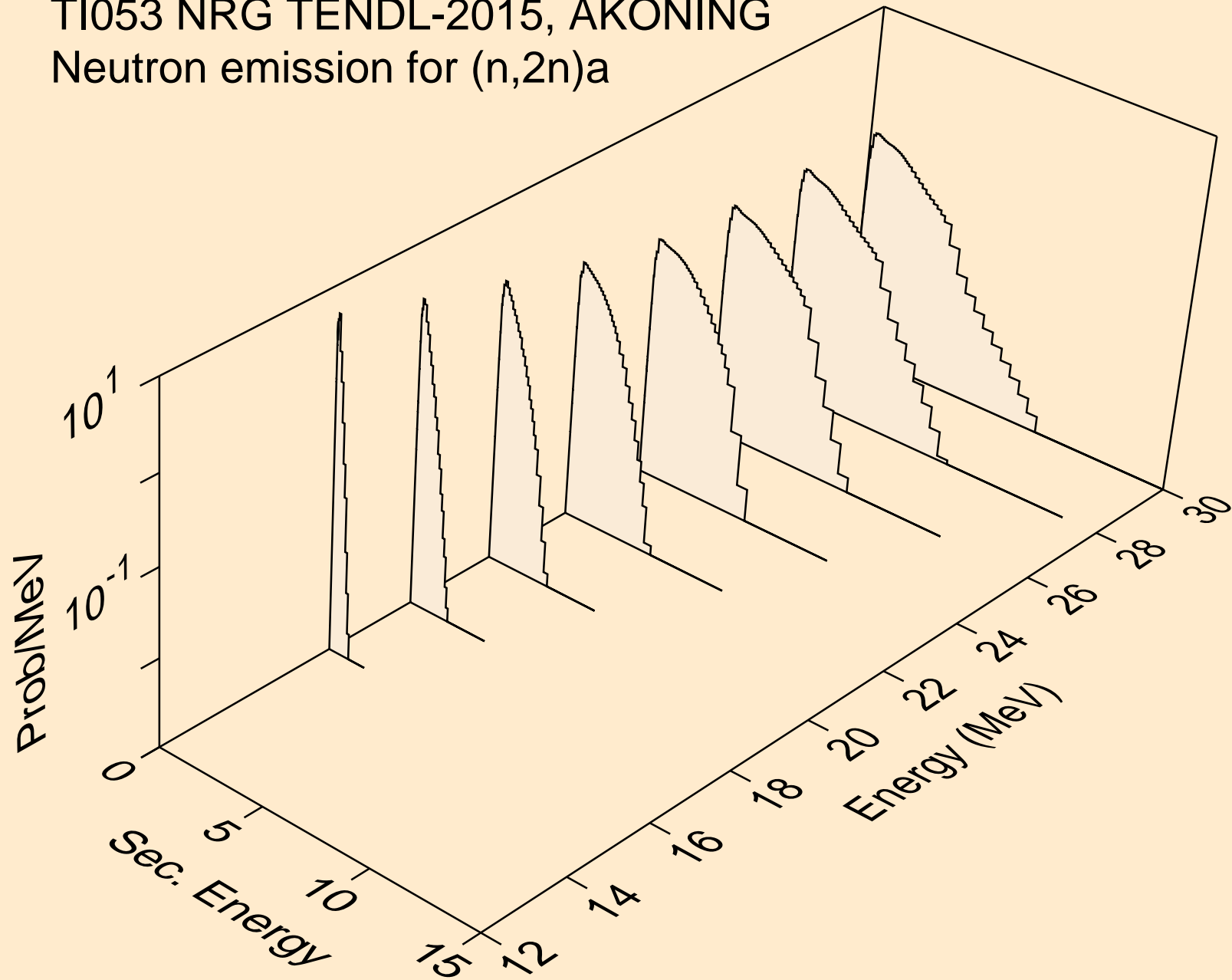
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Neutron emission for (n,3n)



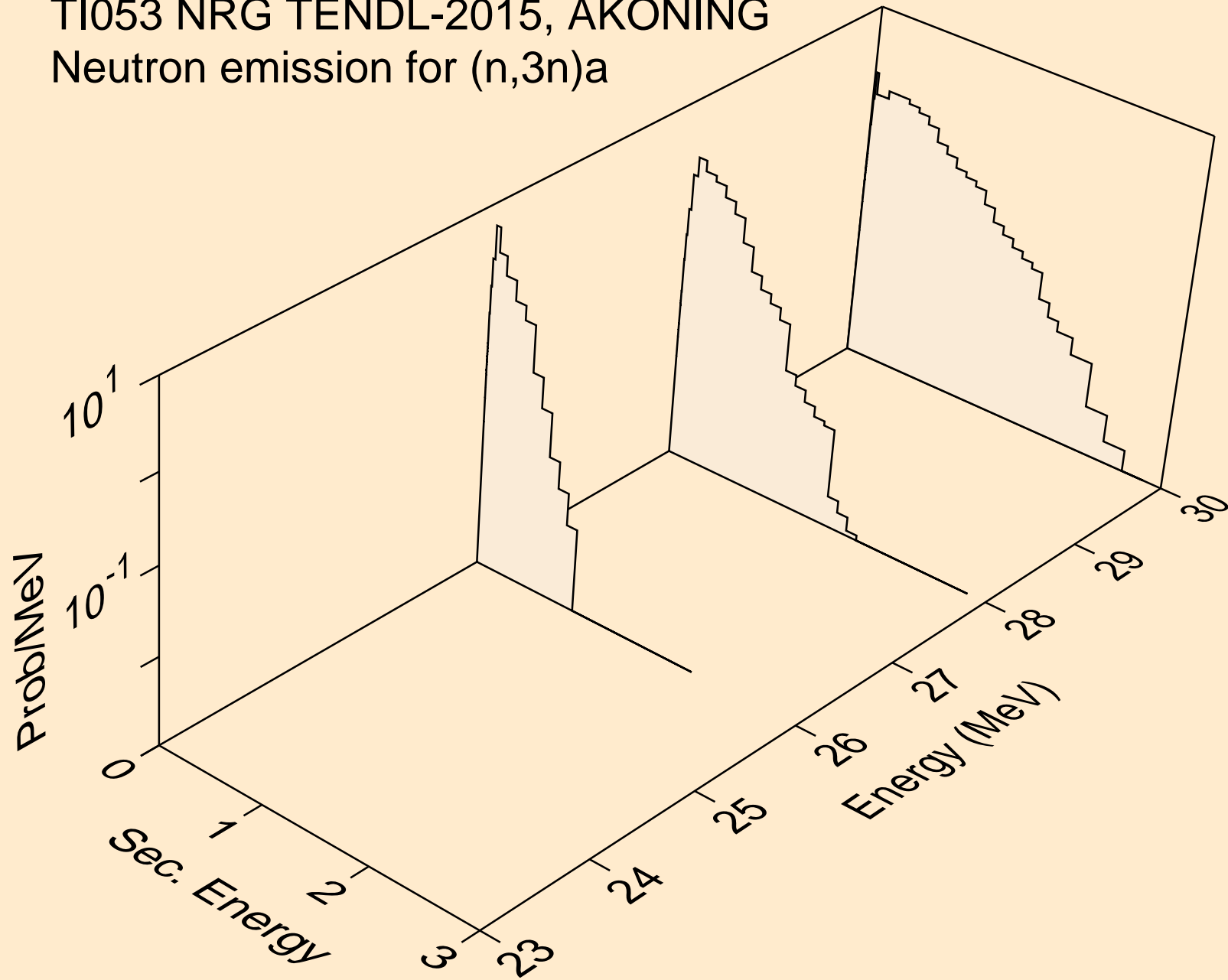
TI053 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



TI053 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

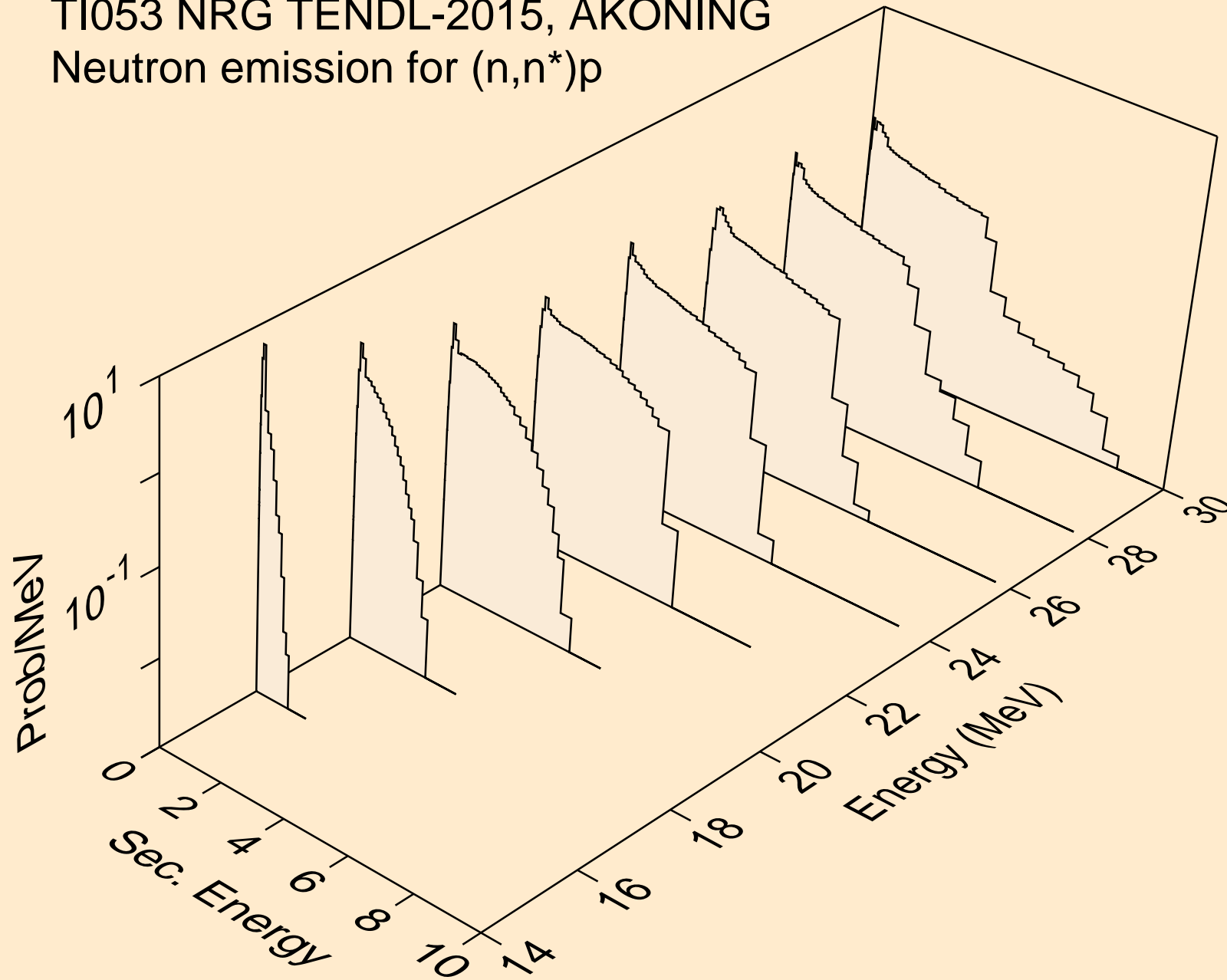


TI053 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

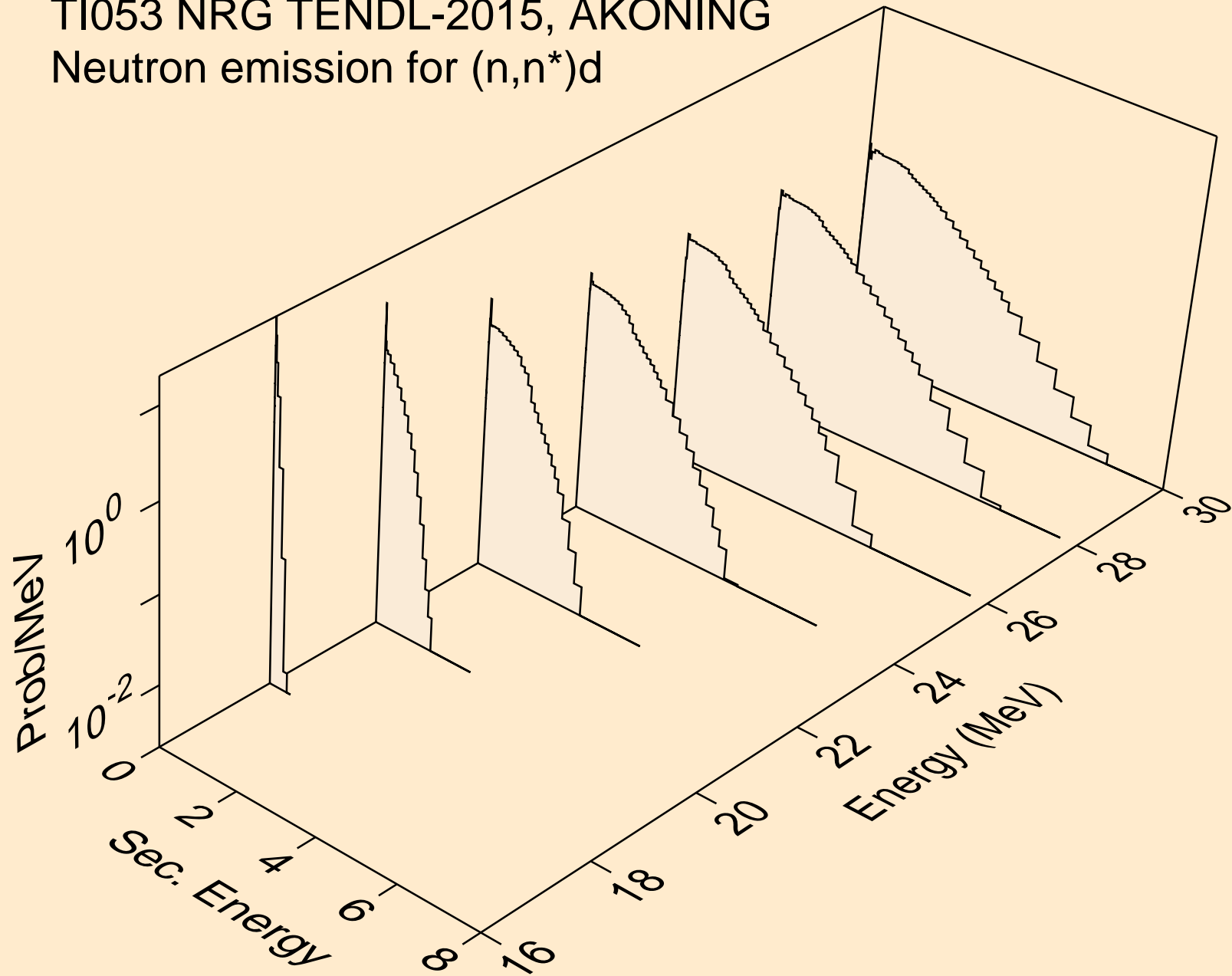




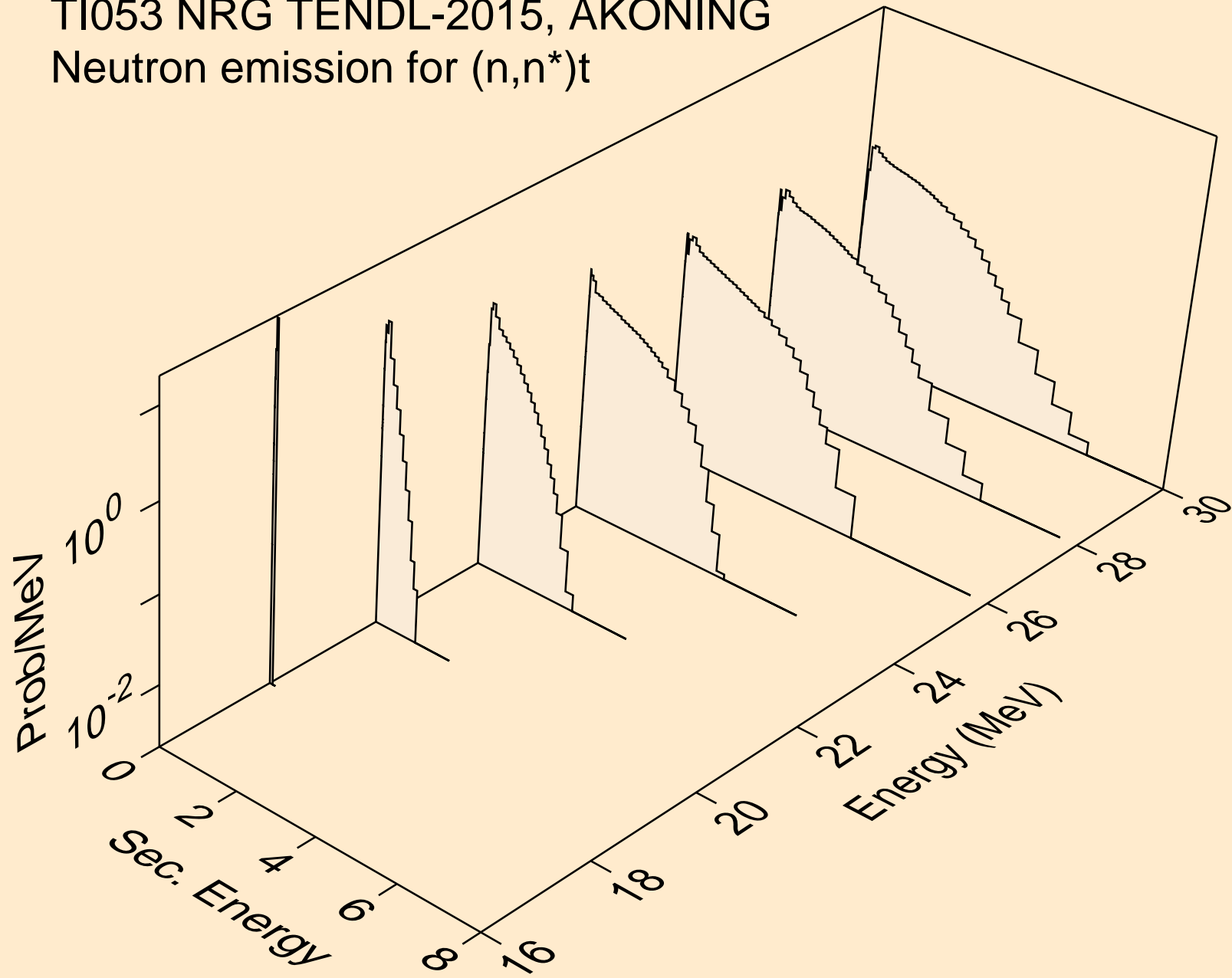
TI053 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



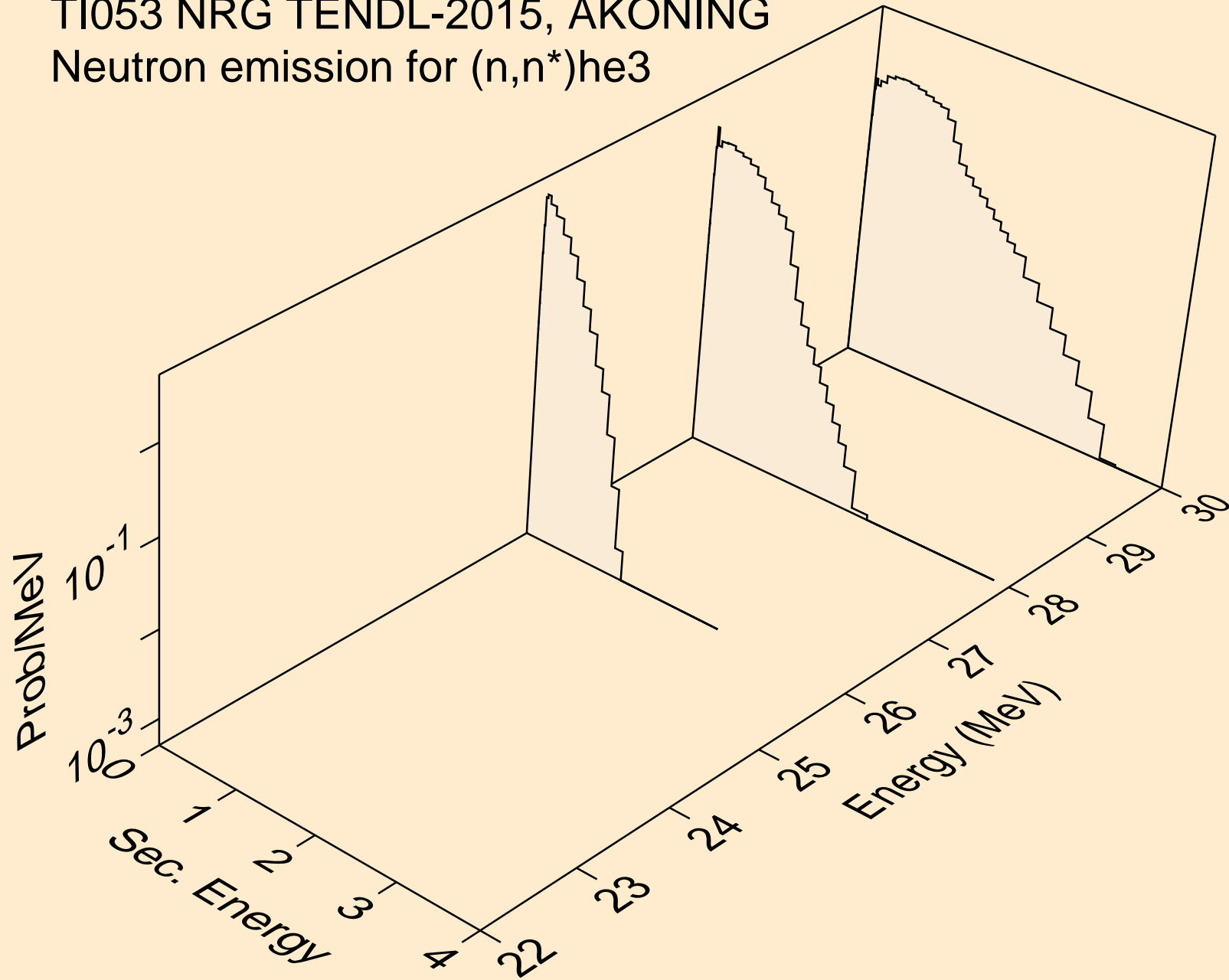
TI053 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



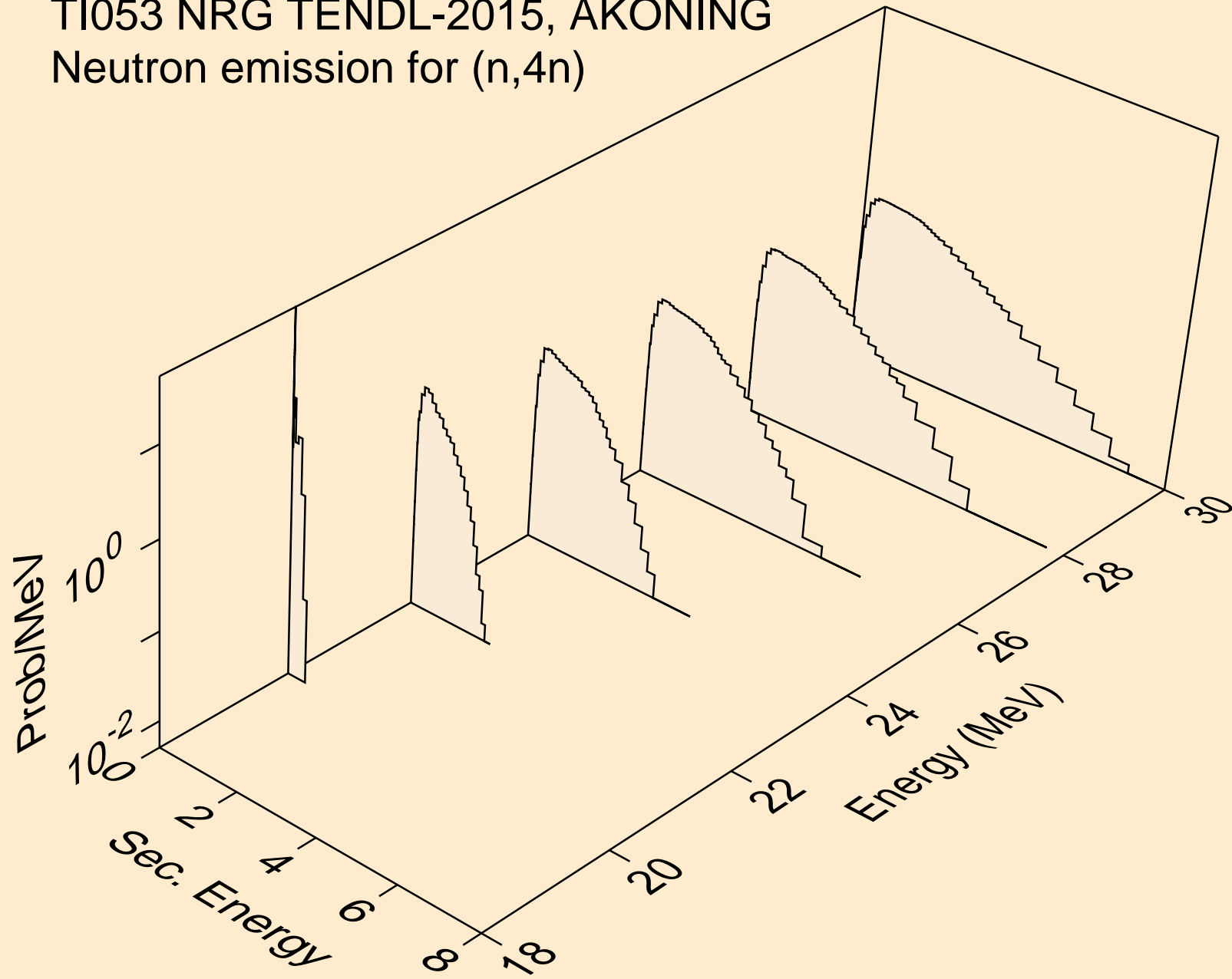
TI053 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



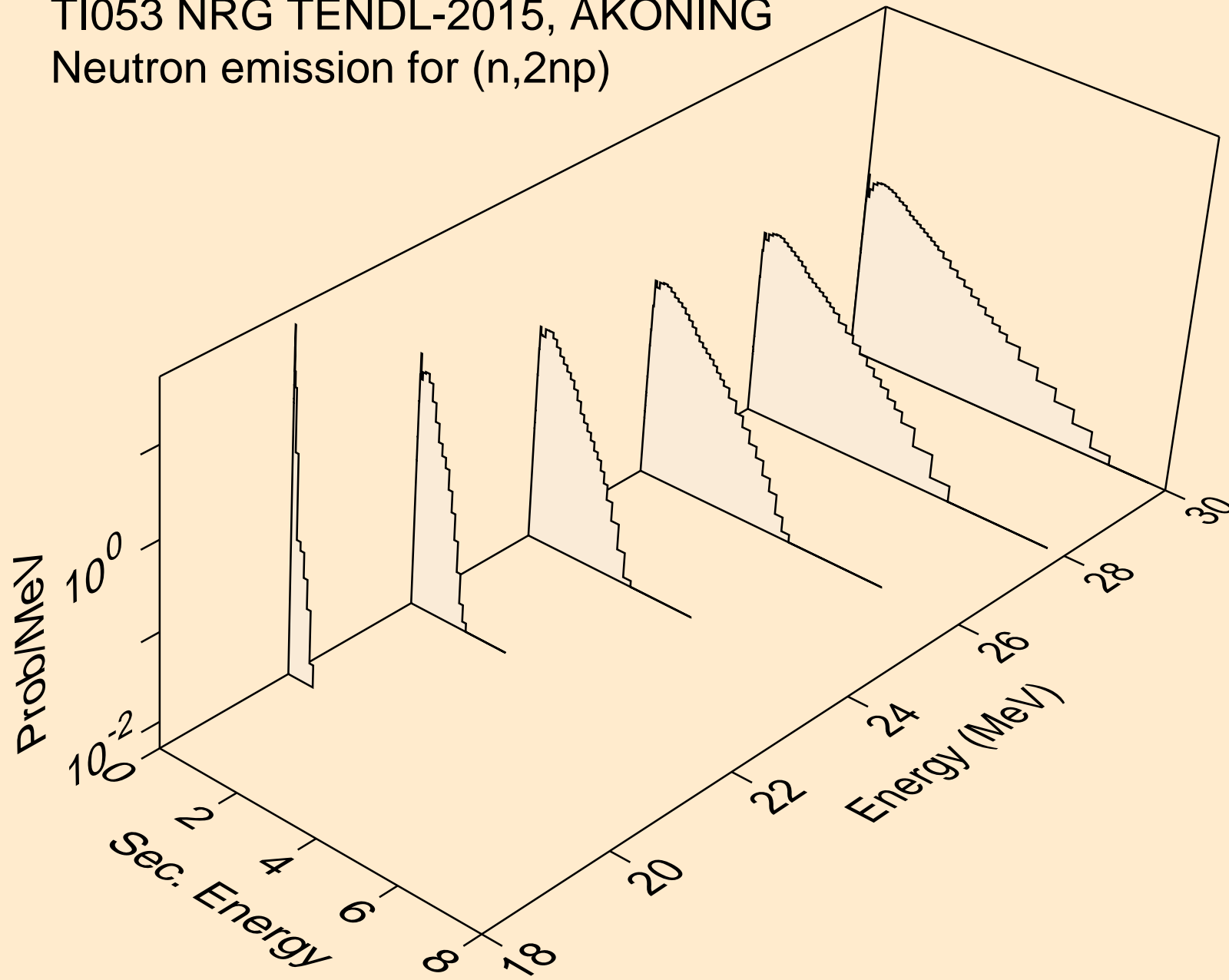
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Neutron emission for (n,n\*)he3



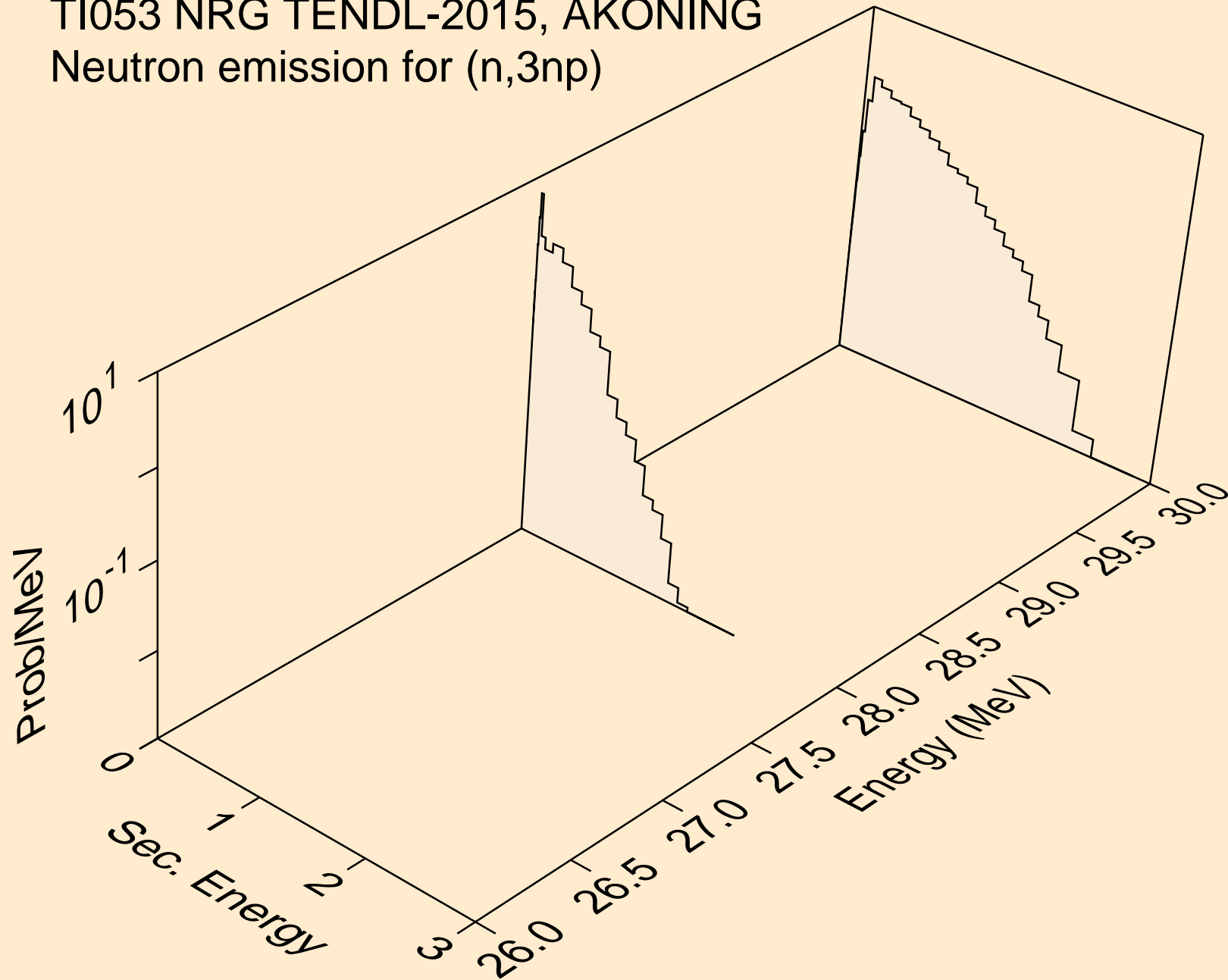
TI053 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



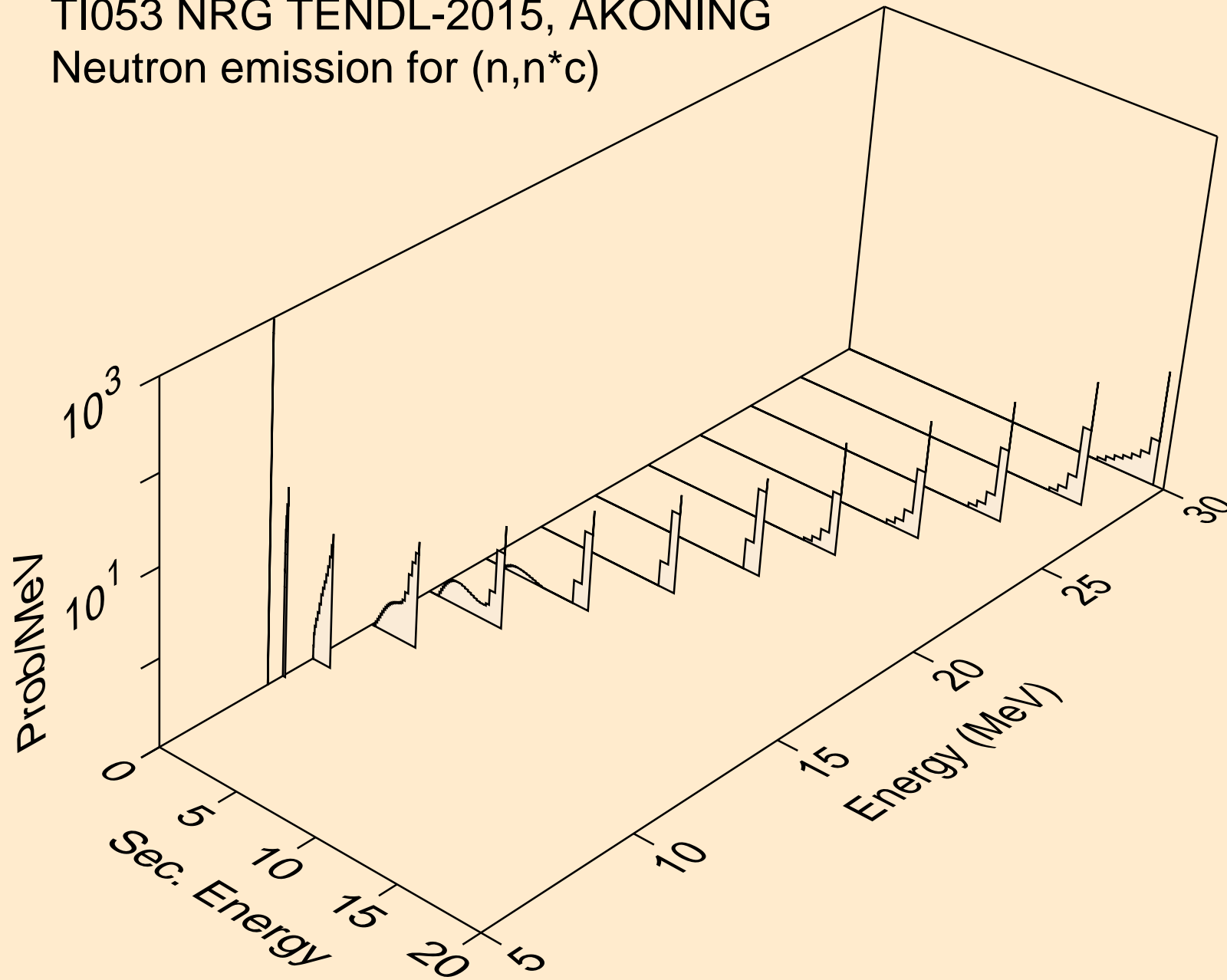
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Neutron emission for (n,2np)



TI053 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

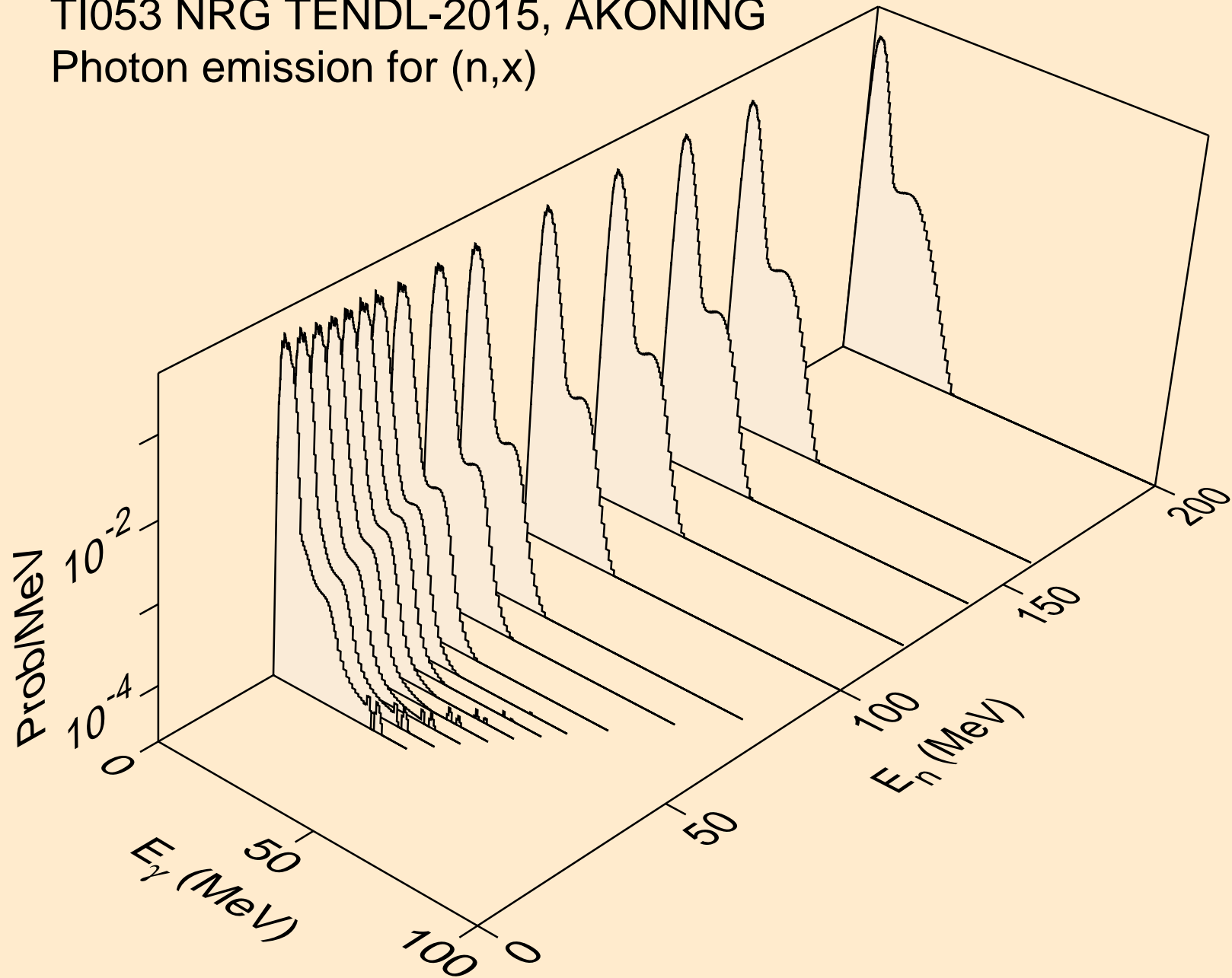


TI053 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

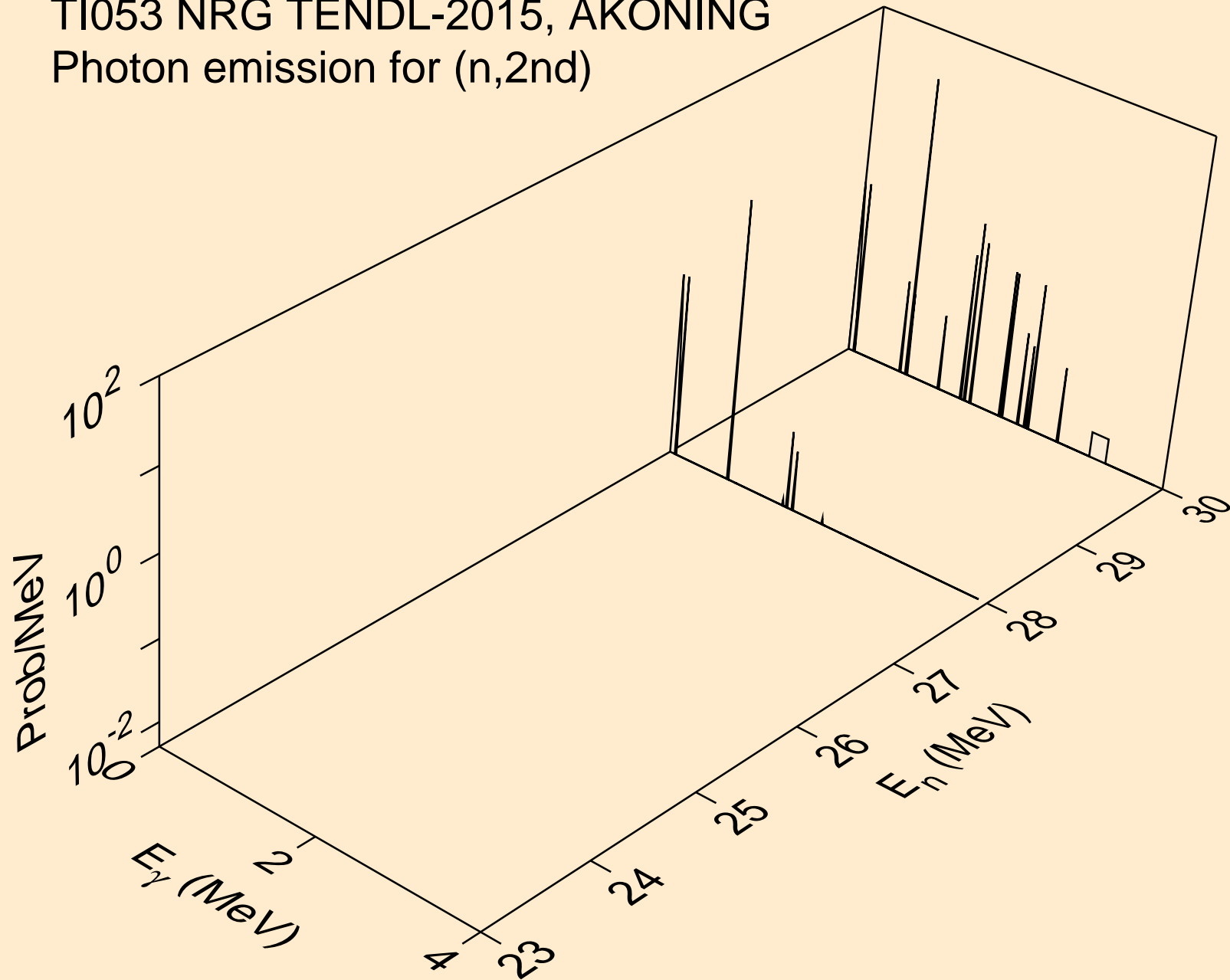




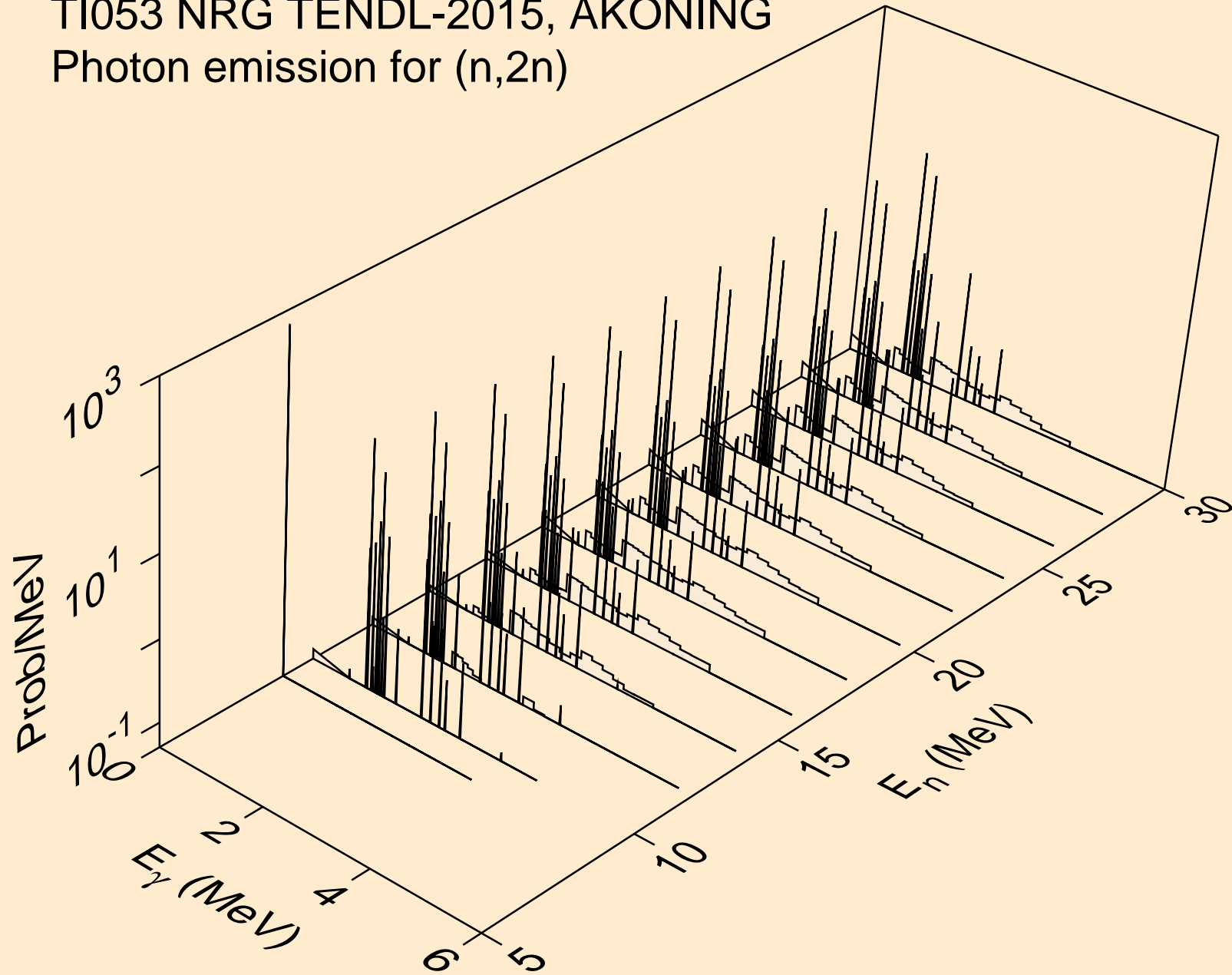
TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



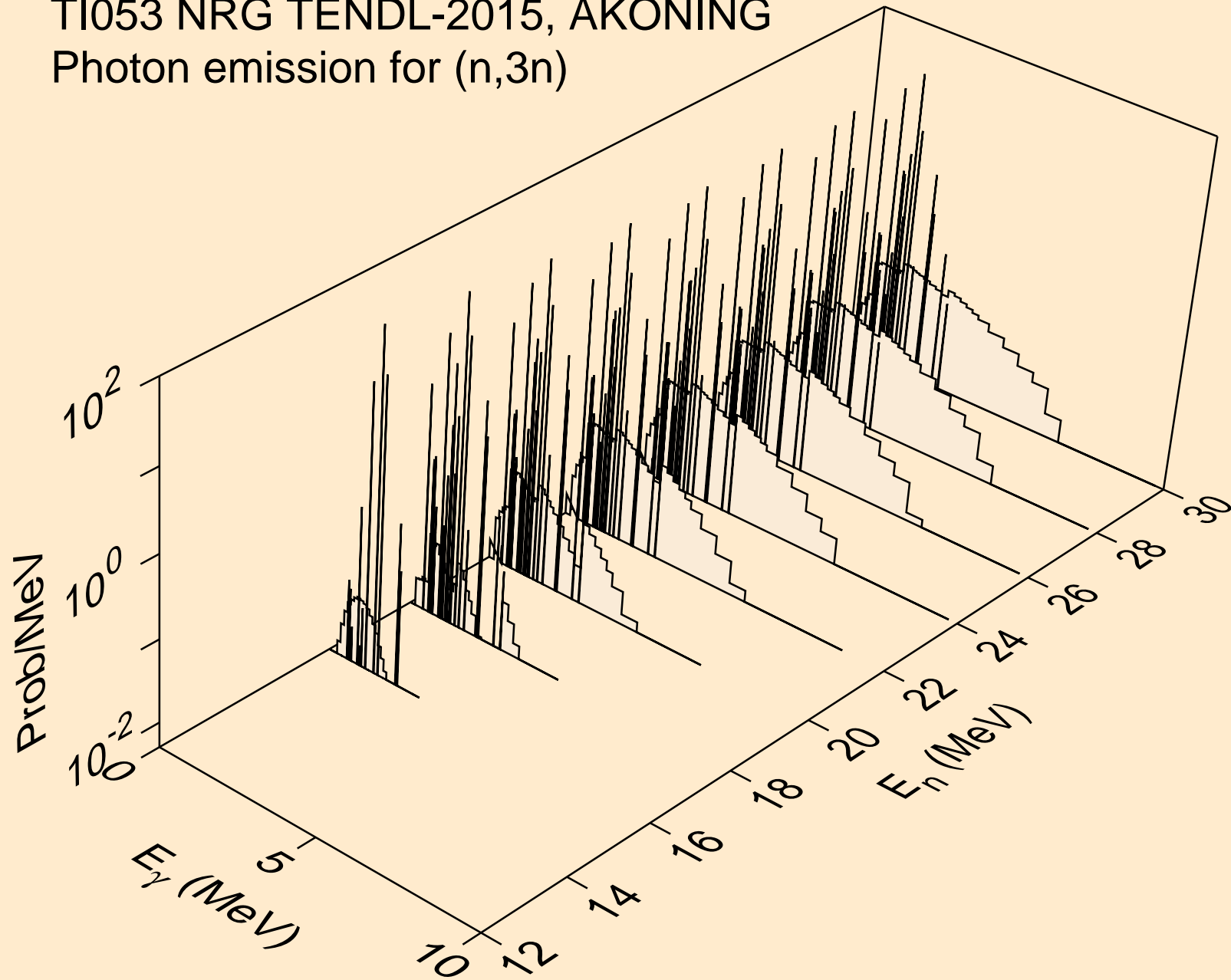
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Photon emission for (n,2nd)



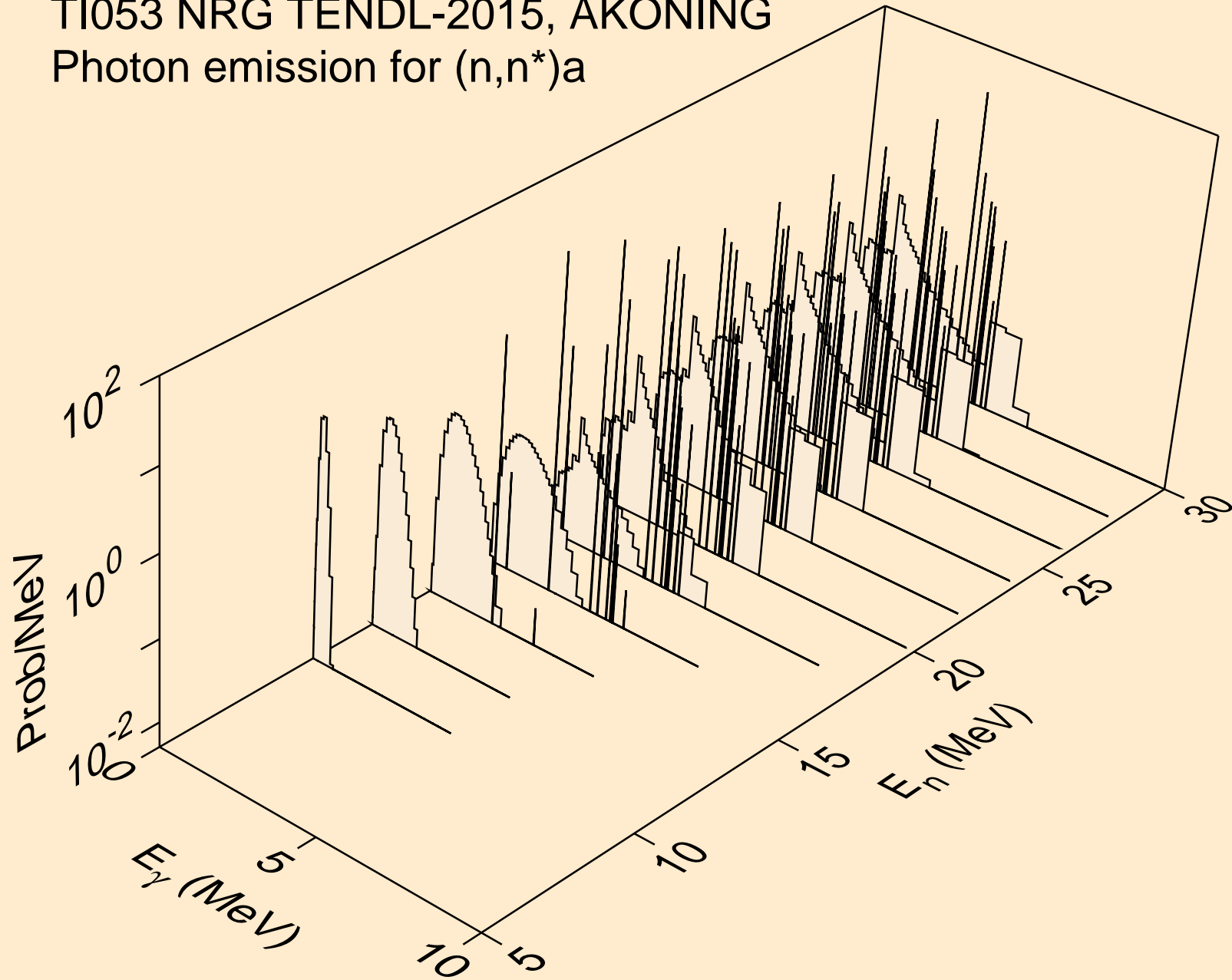
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Photon emission for (n,2n)



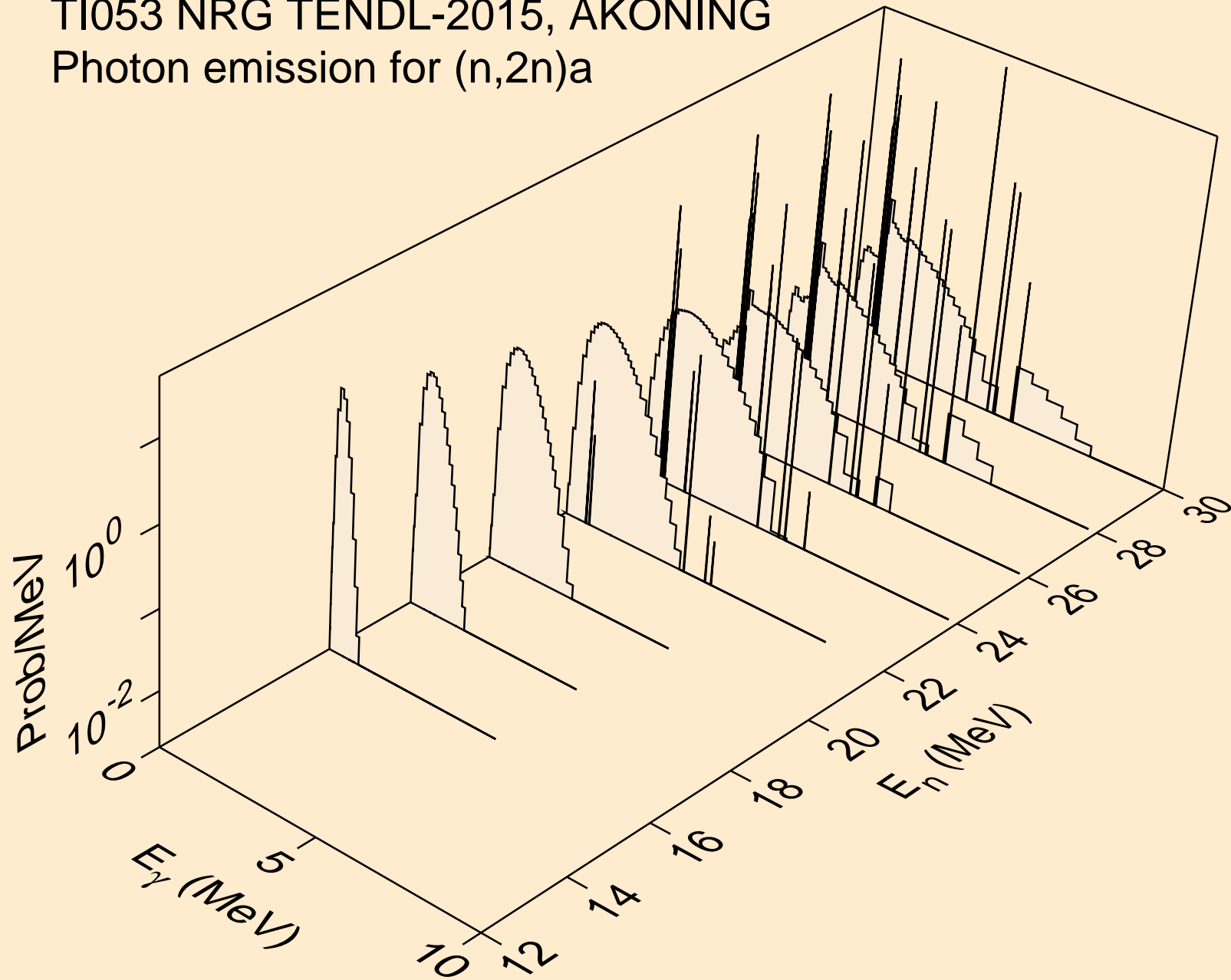
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Photon emission for (n,3n)



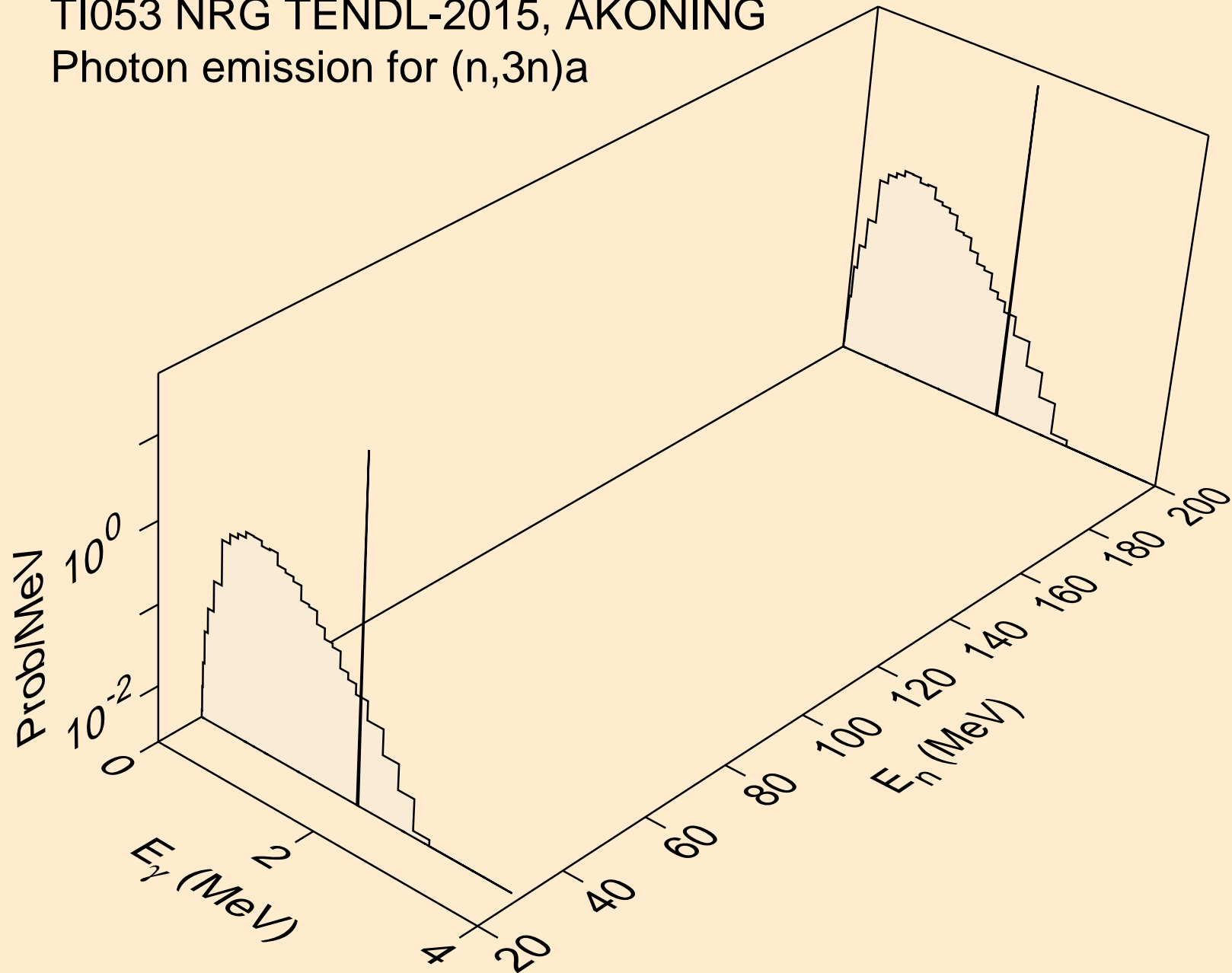
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Photon emission for (n,n\*)a



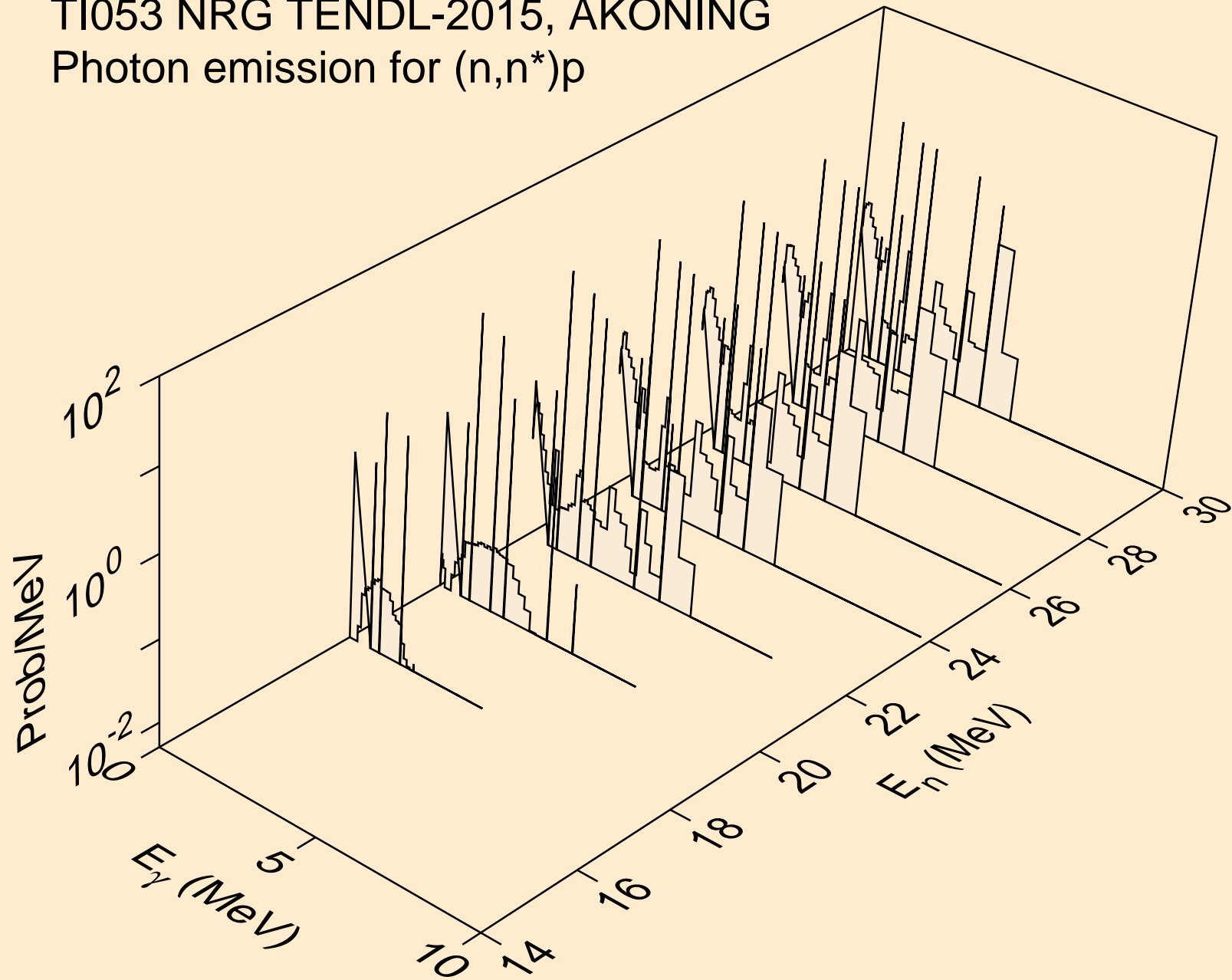
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Photon emission for (n,2n)a



TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

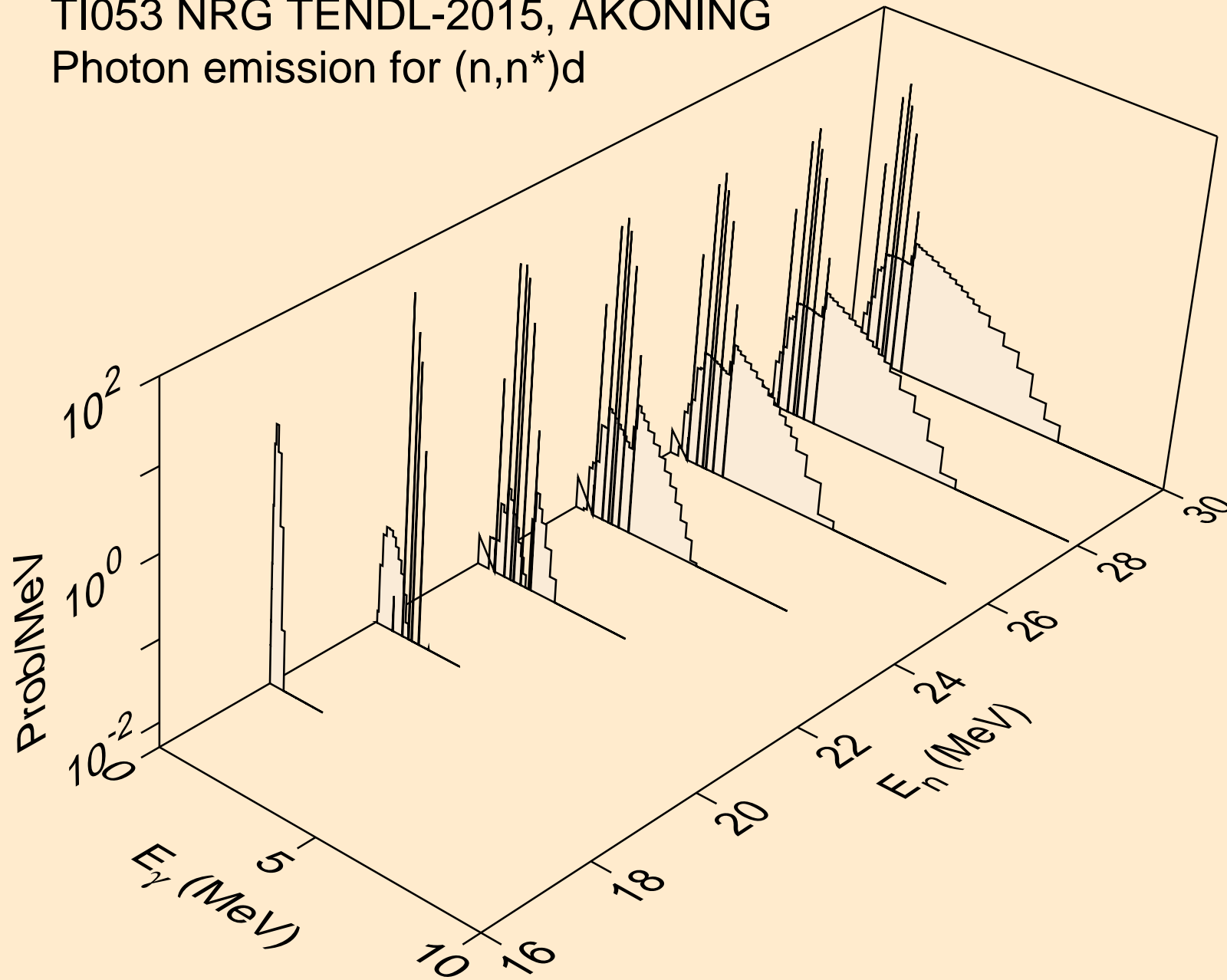


TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

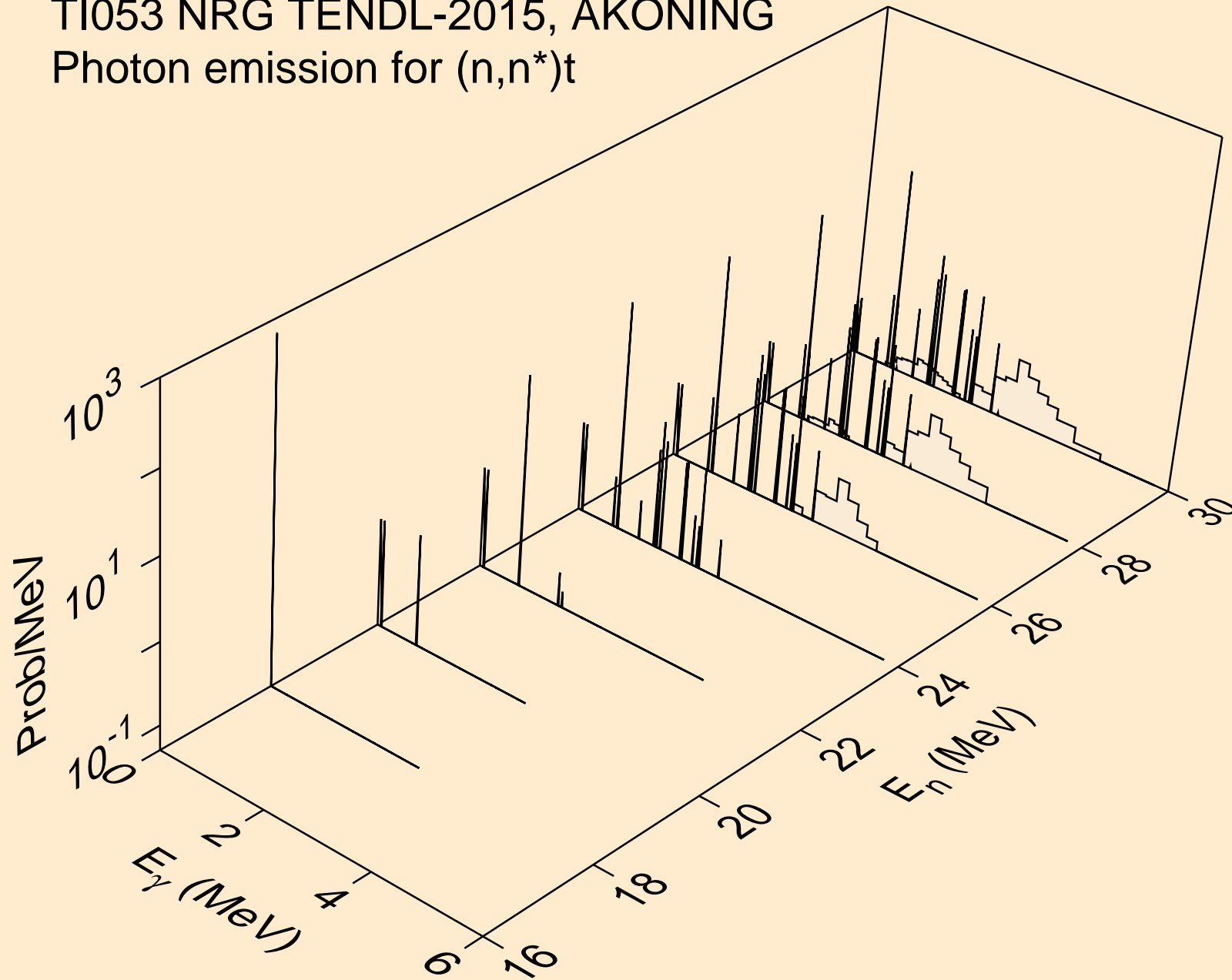




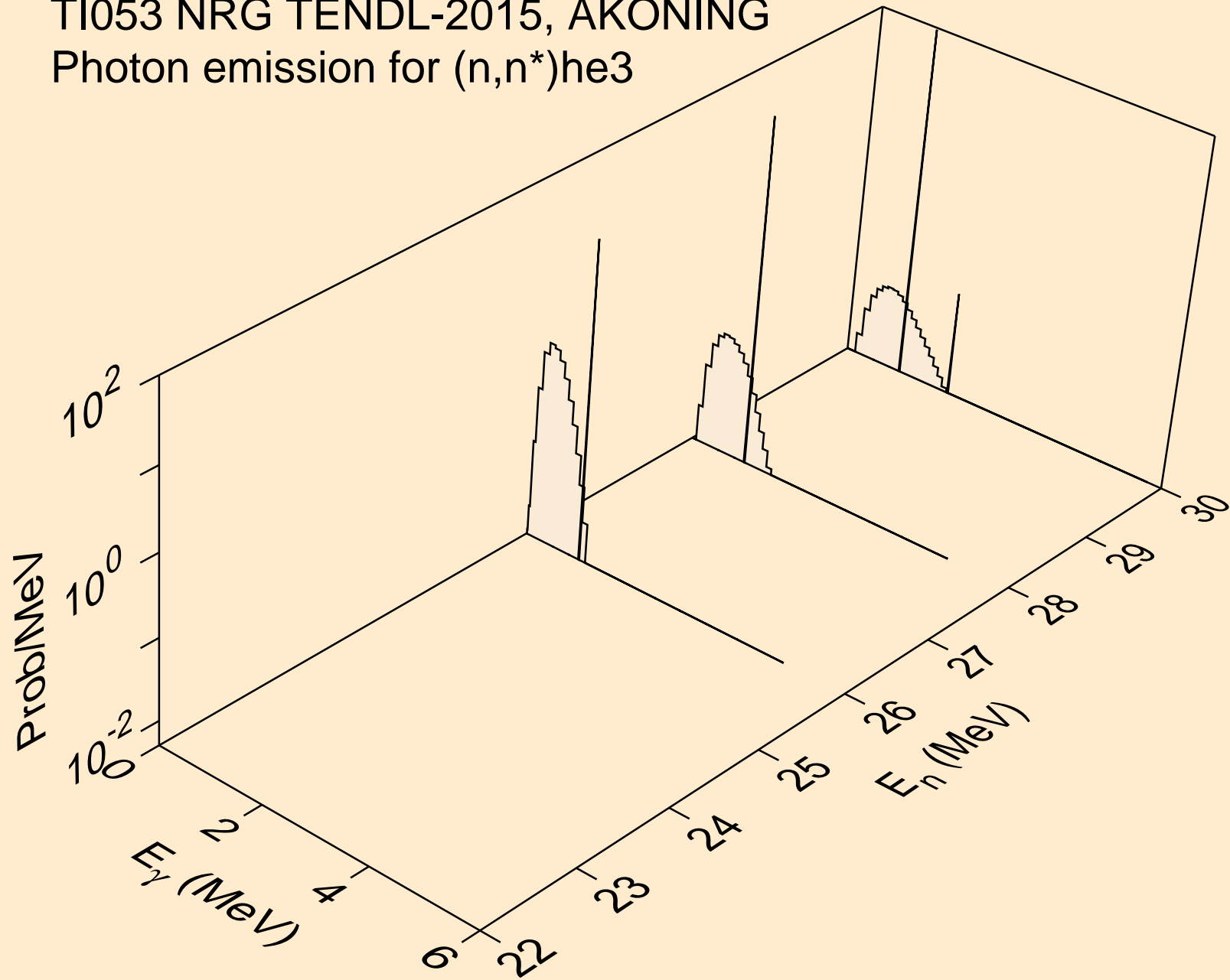
TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



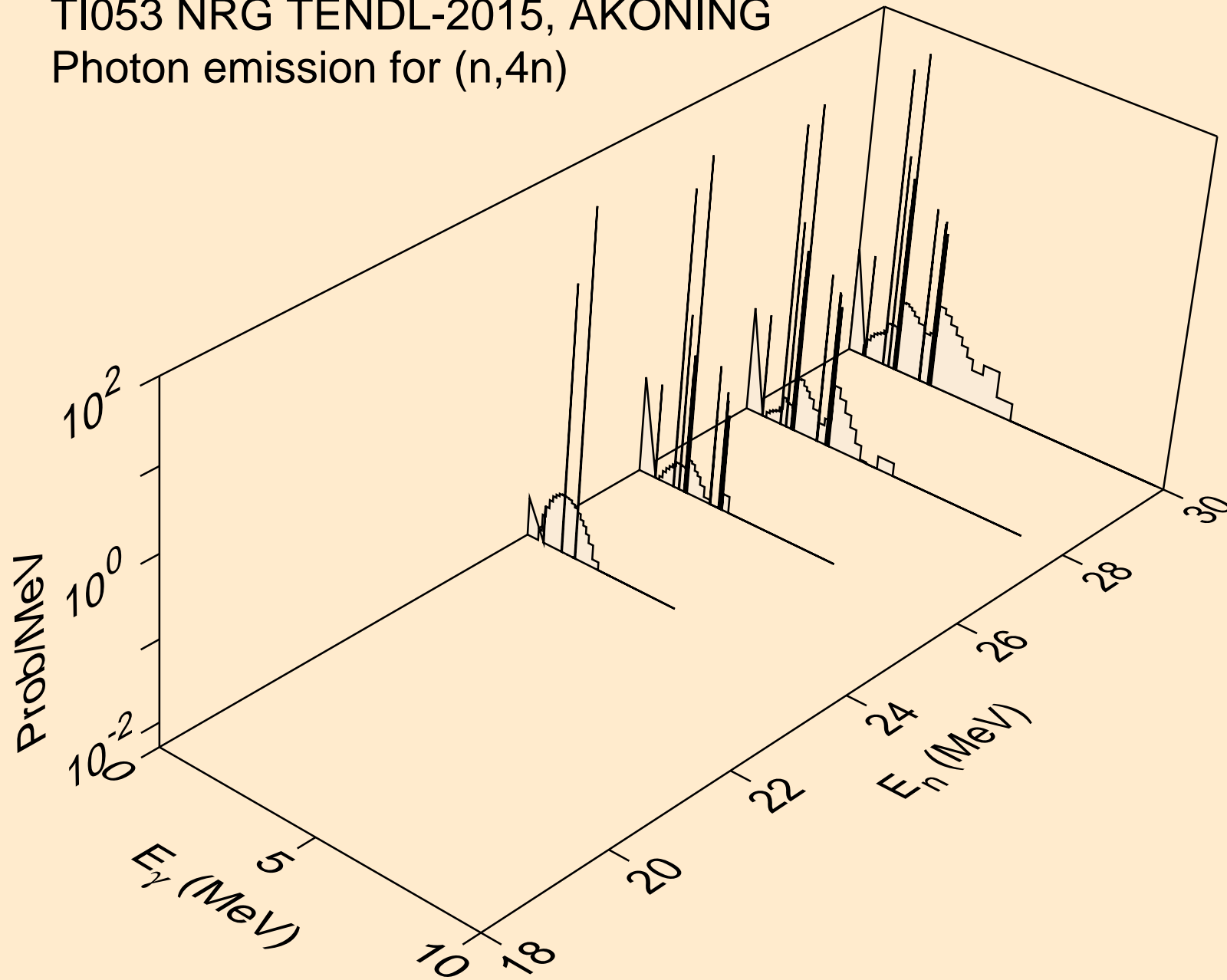
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Photon emission for (n,n\*)t



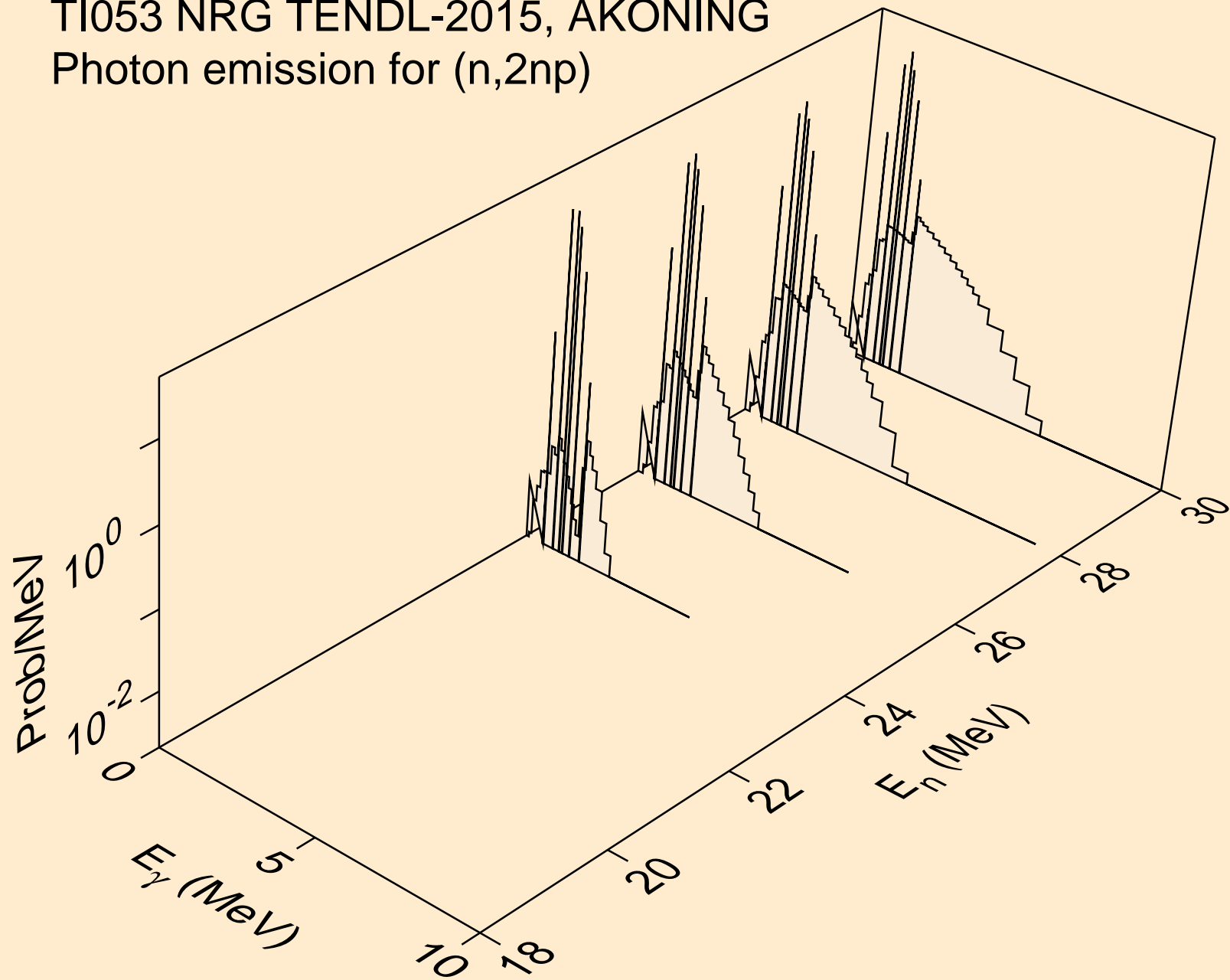
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Photon emission for (n,n\*)he3



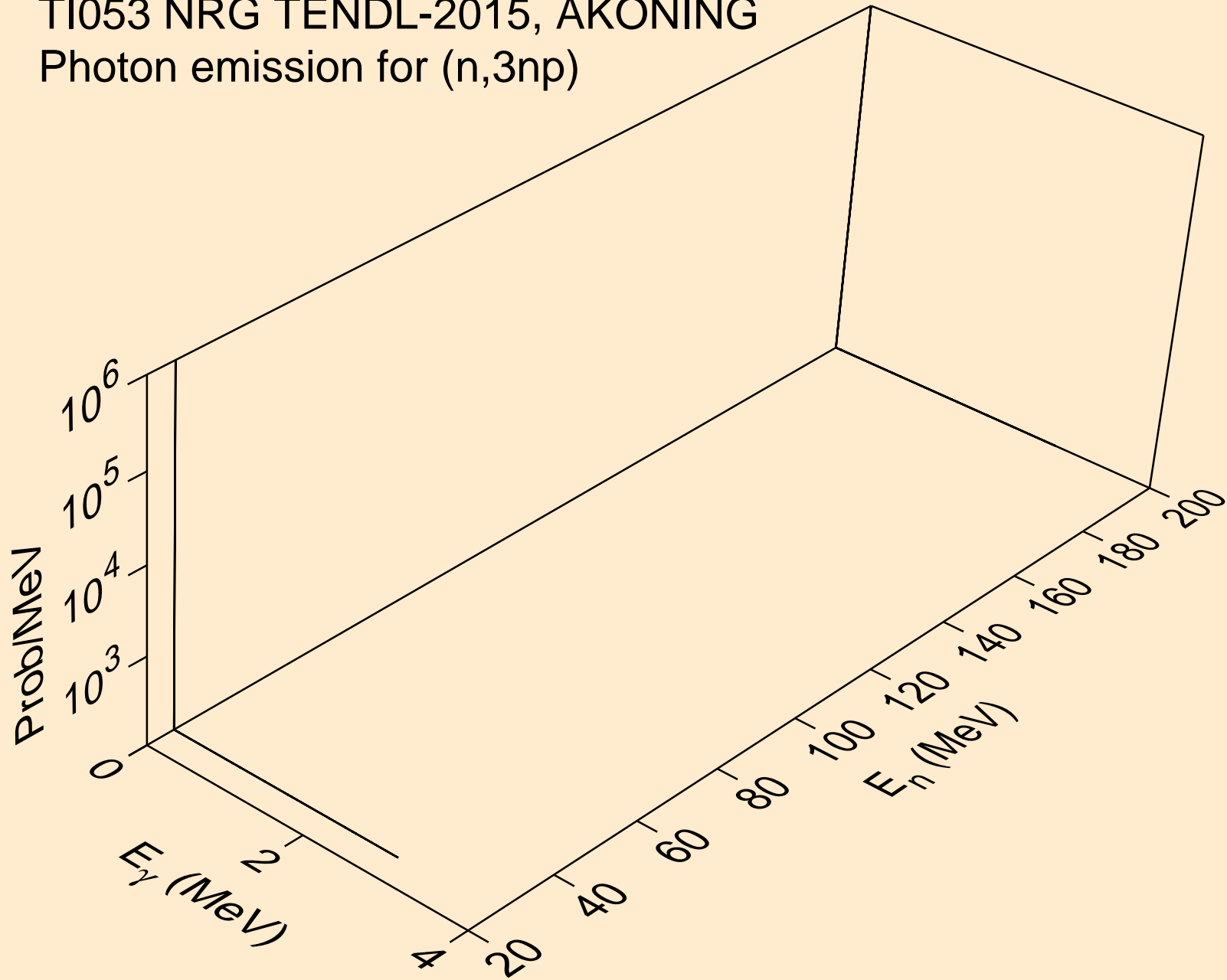
TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



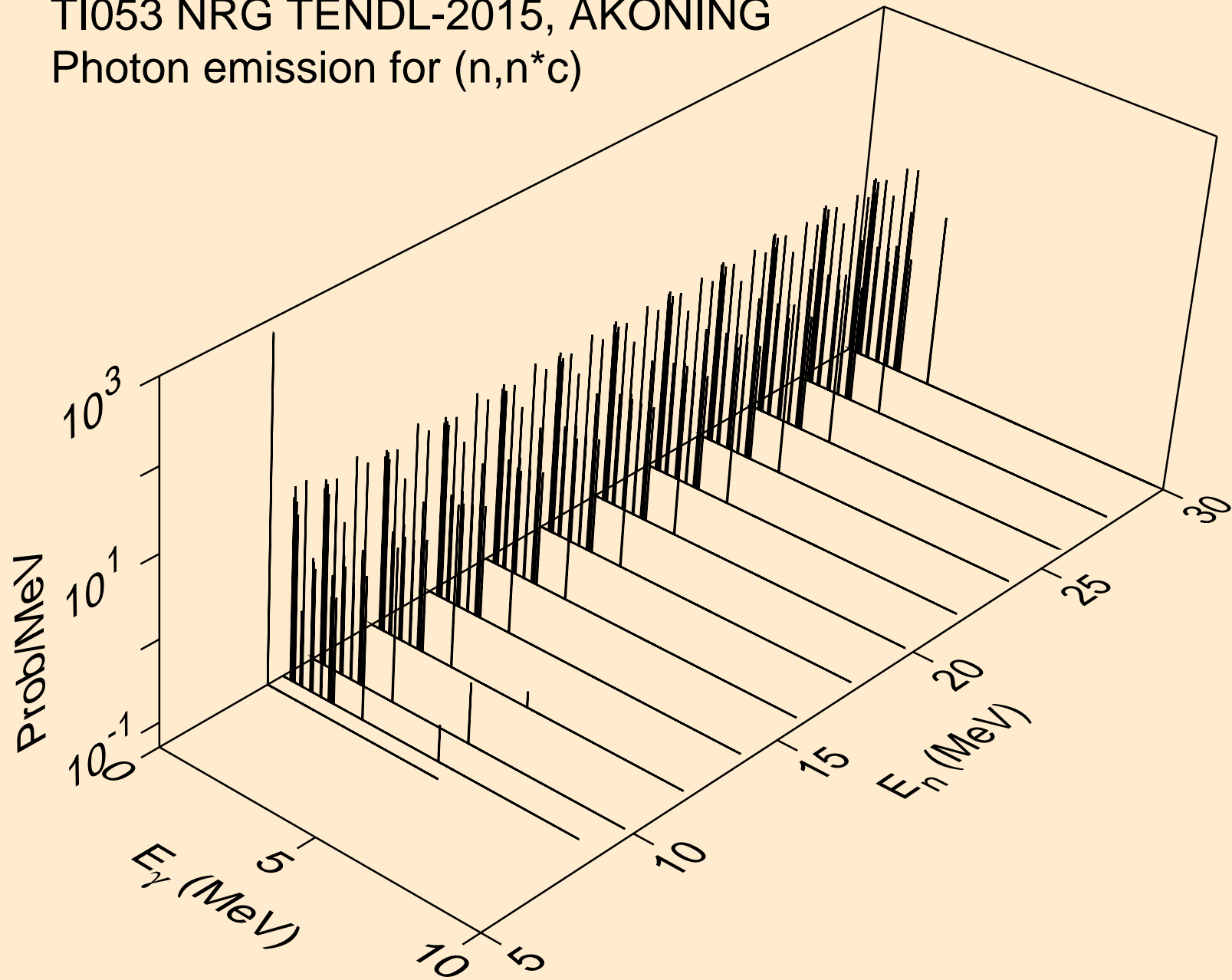
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Photon emission for (n,2np)



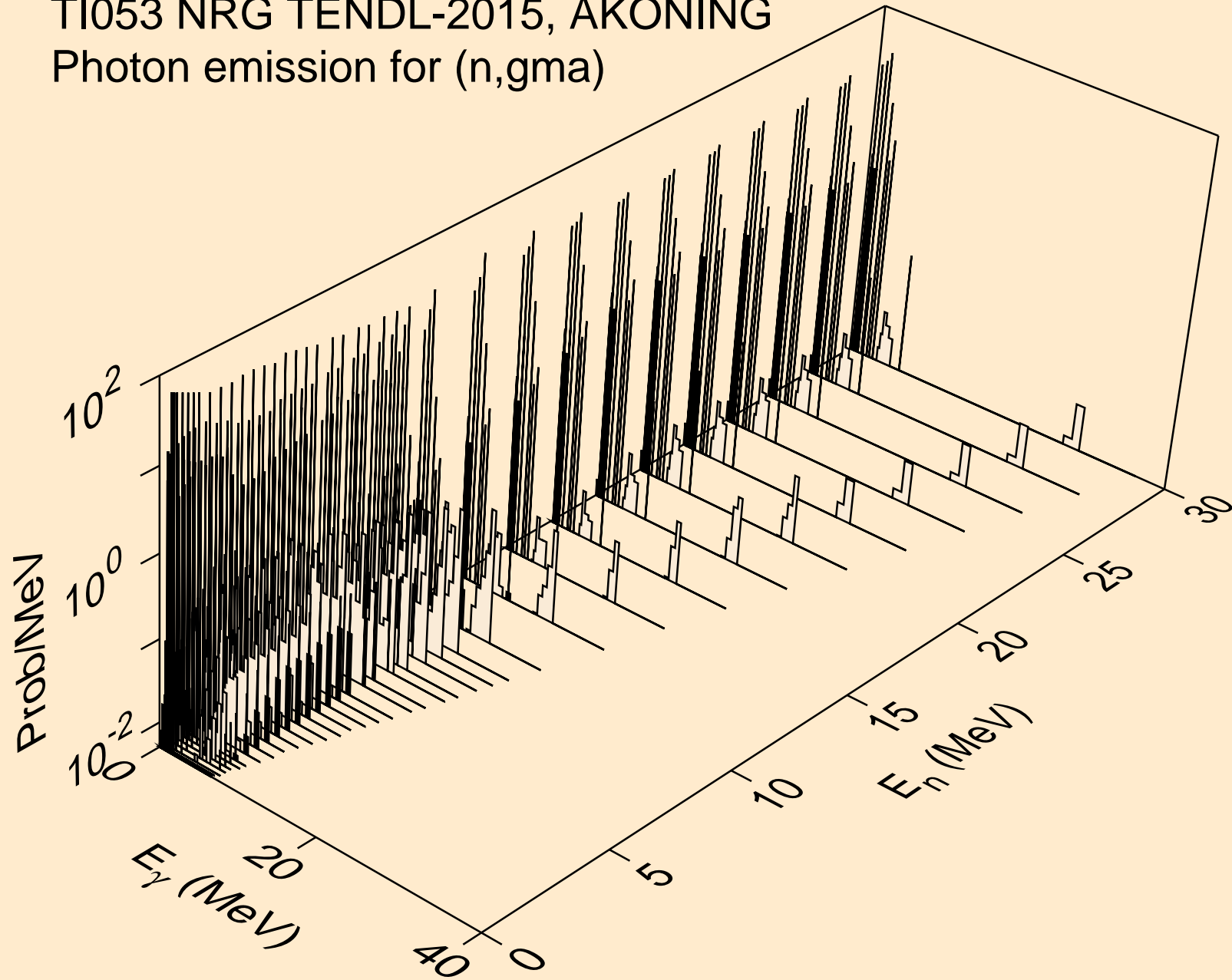
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Photon emission for (n,3np)



TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

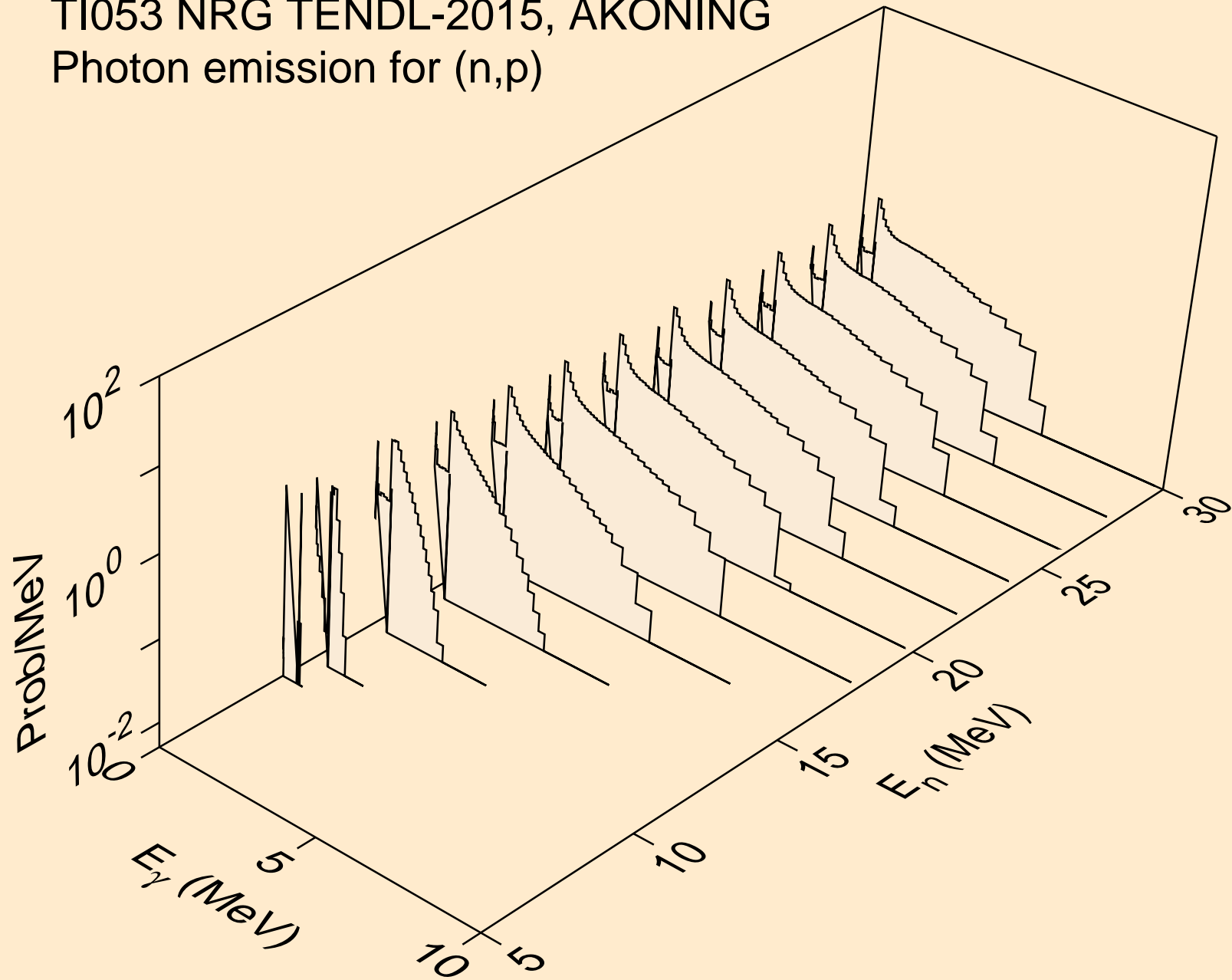


TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

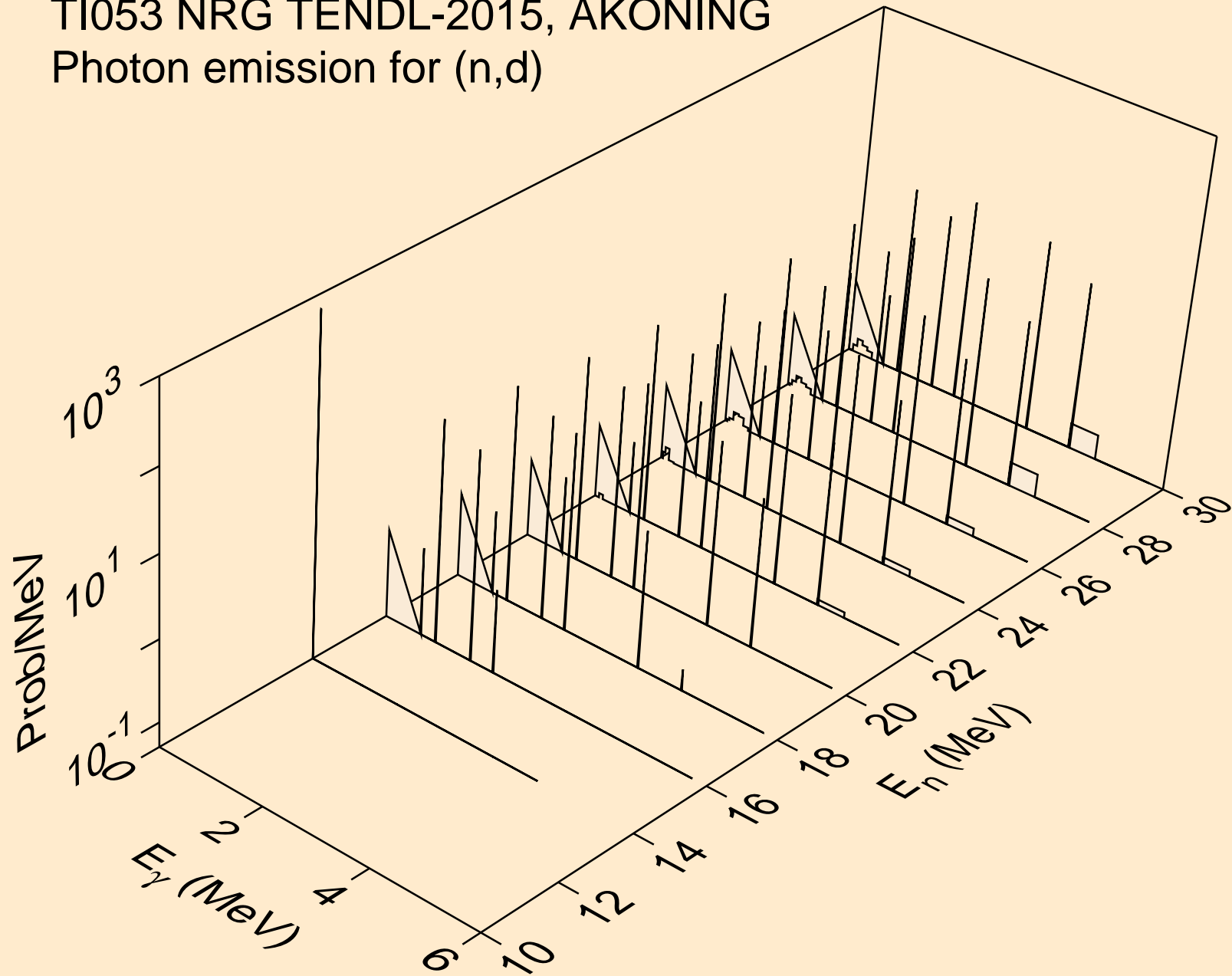




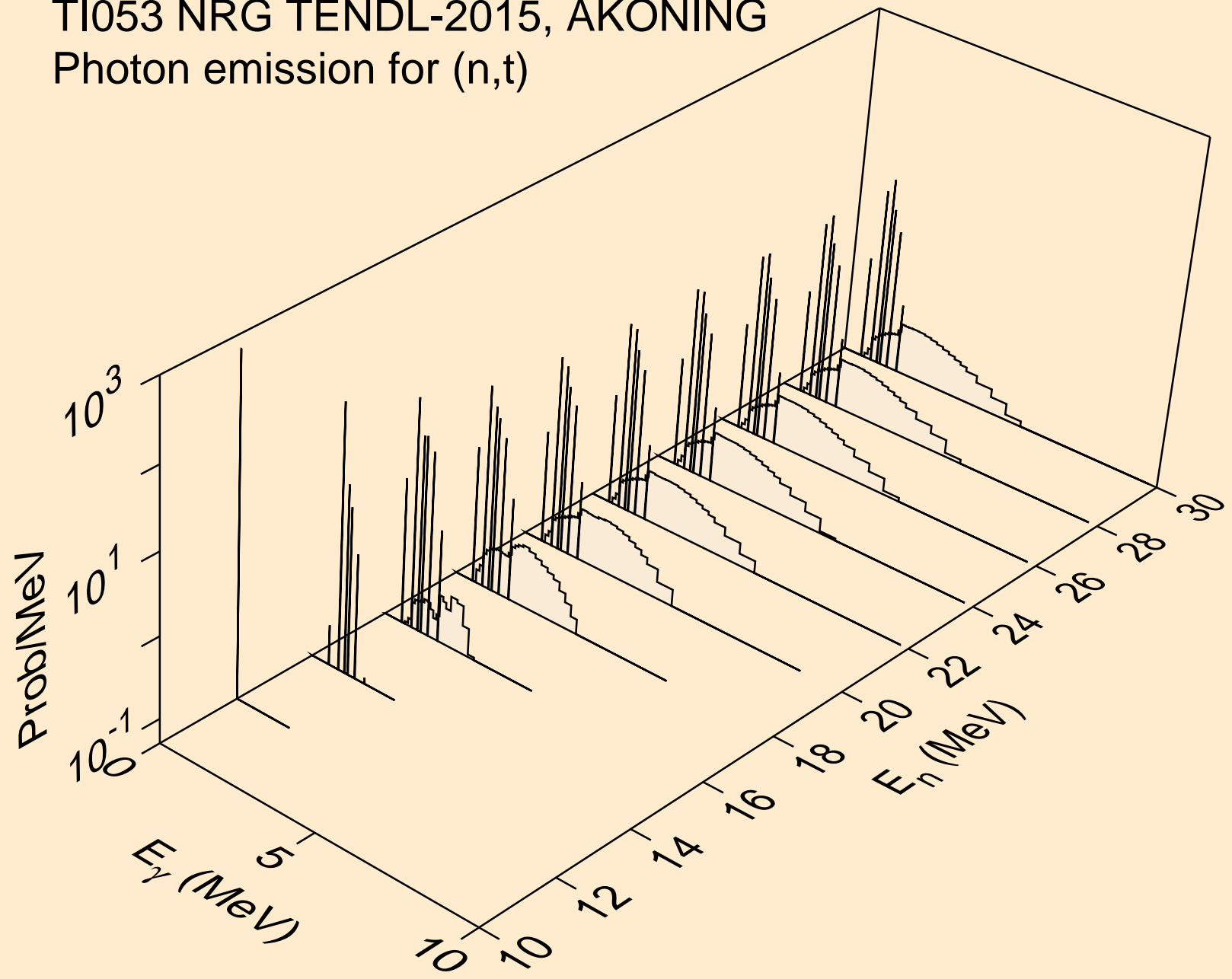
TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



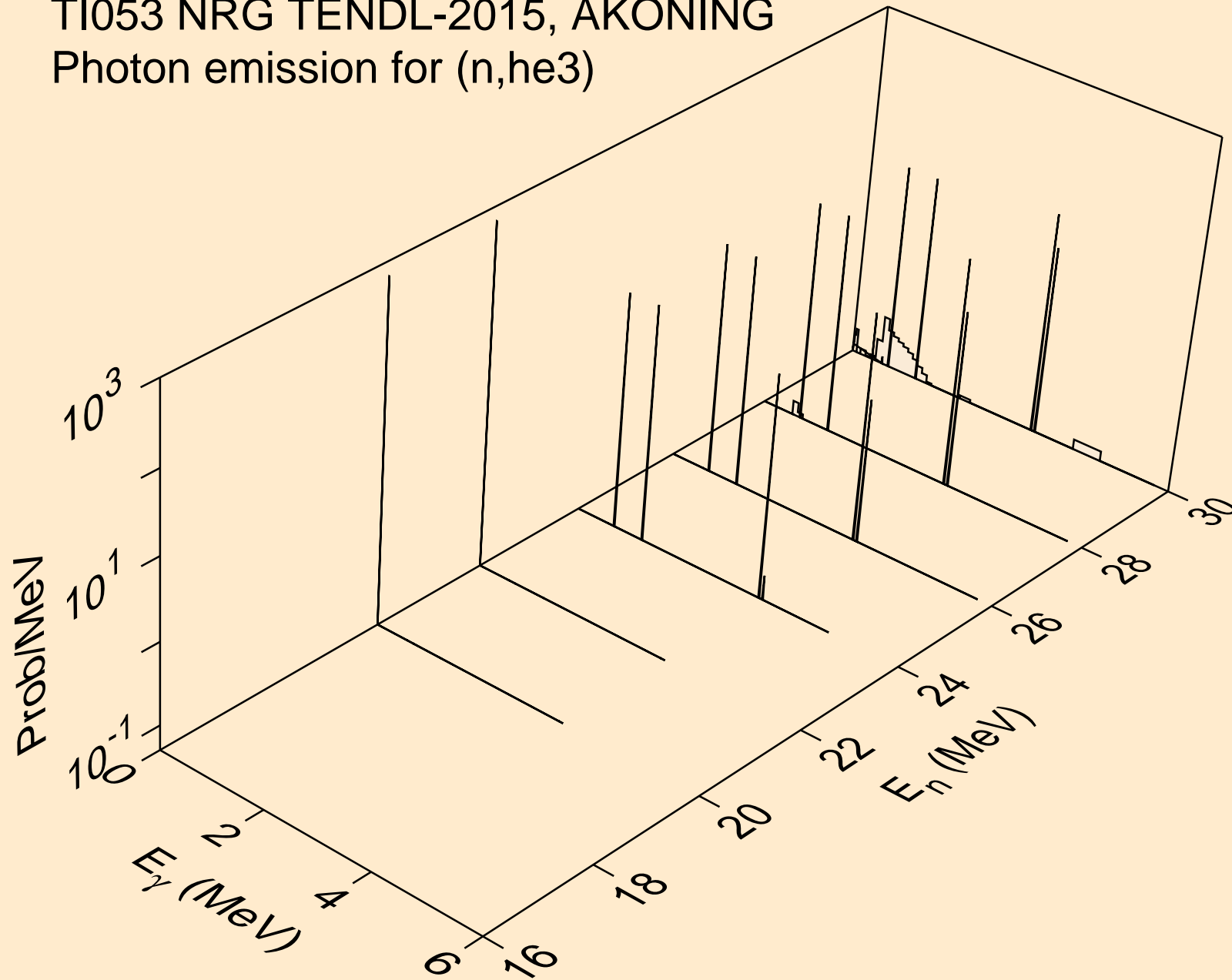
TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



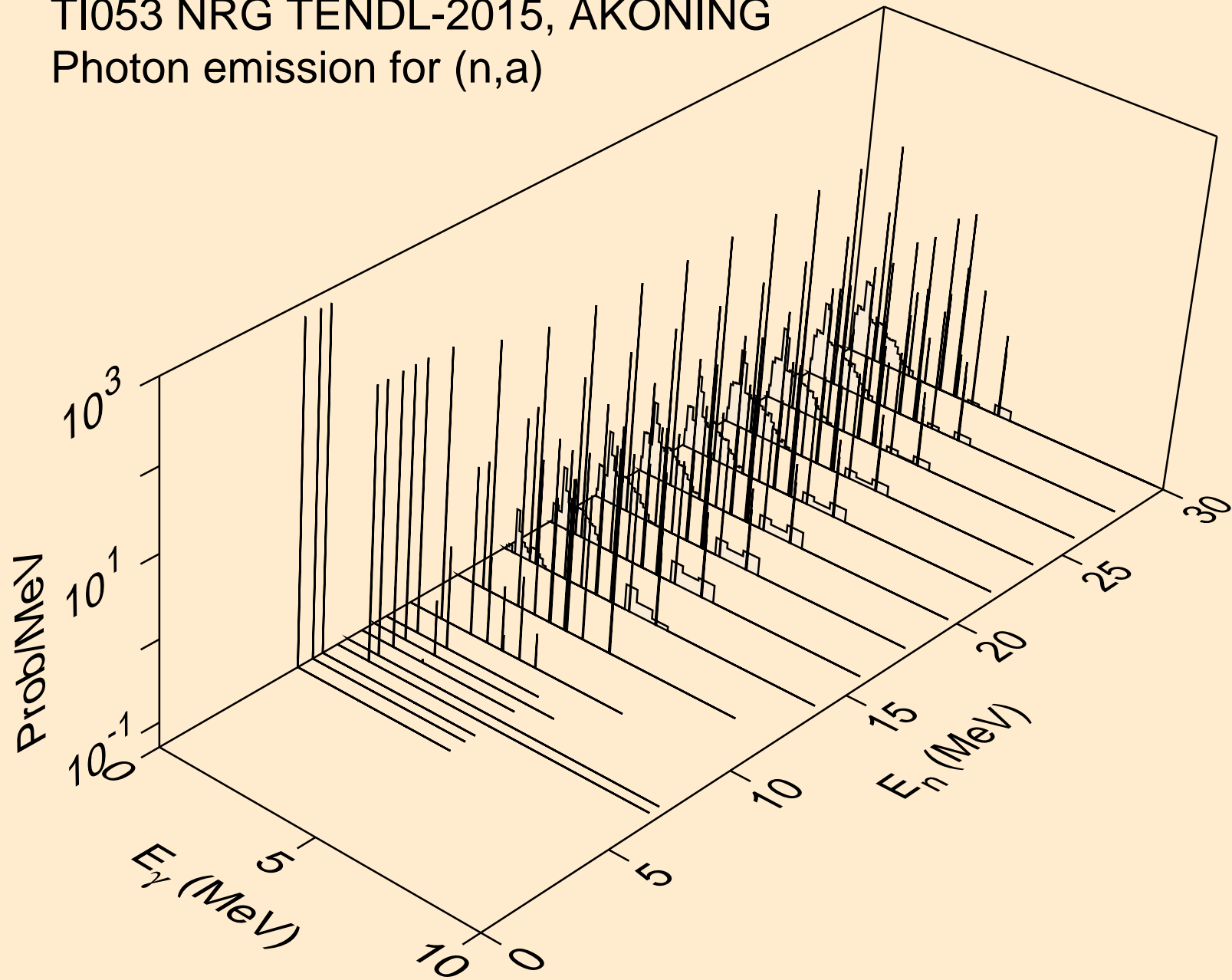
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Photon emission for (n,t)



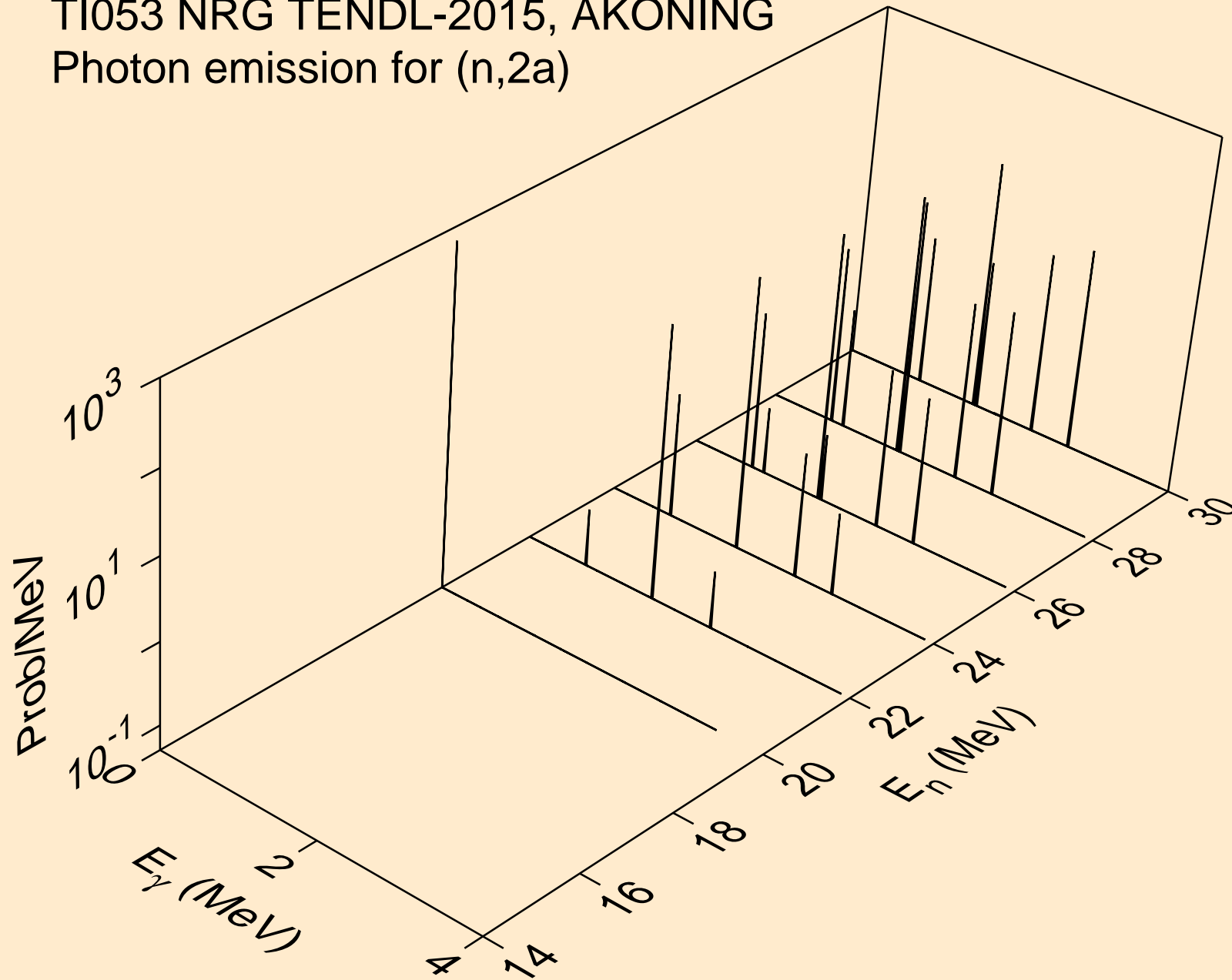
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Photon emission for (n,he3)



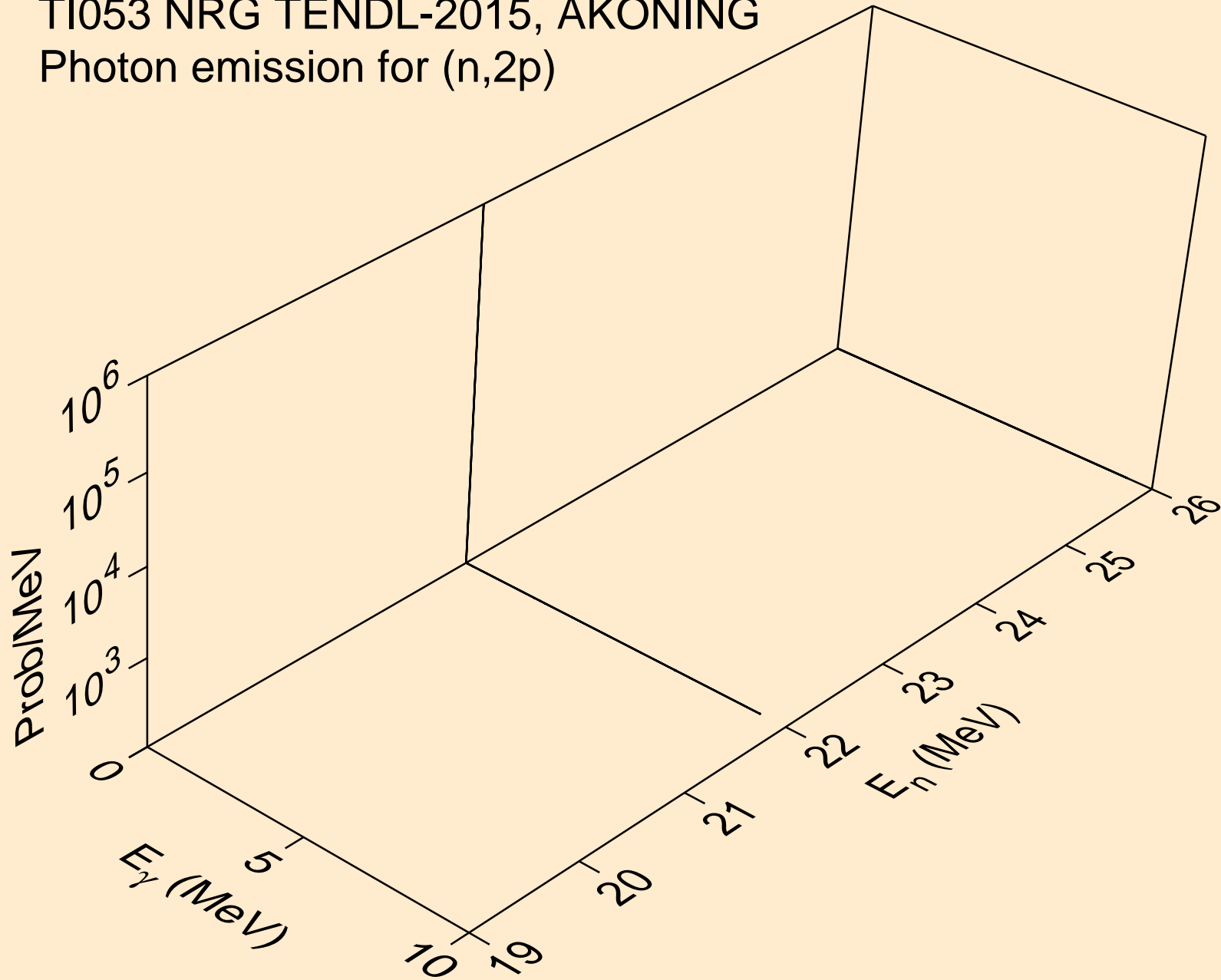
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Photon emission for (n,a)



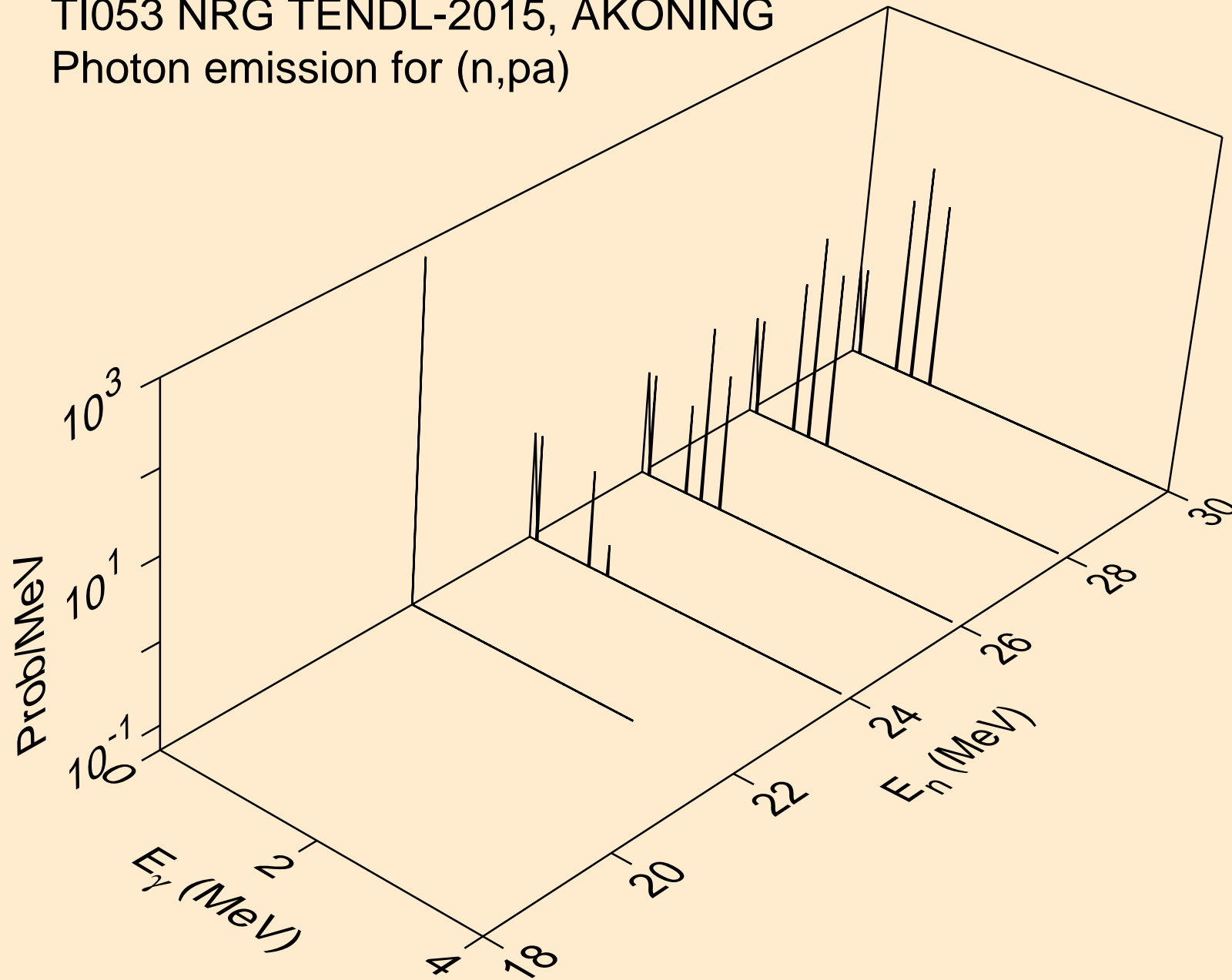
TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

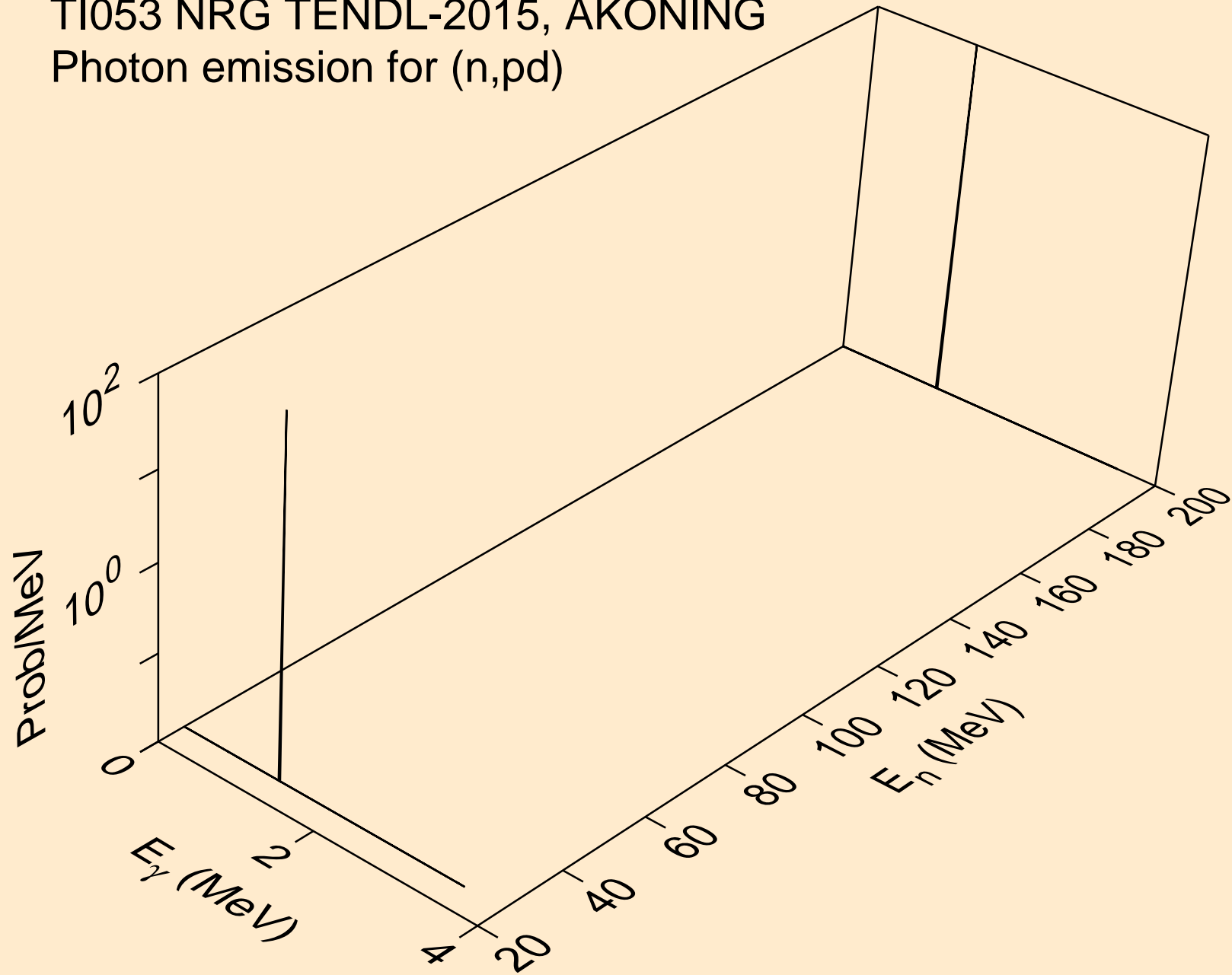


TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

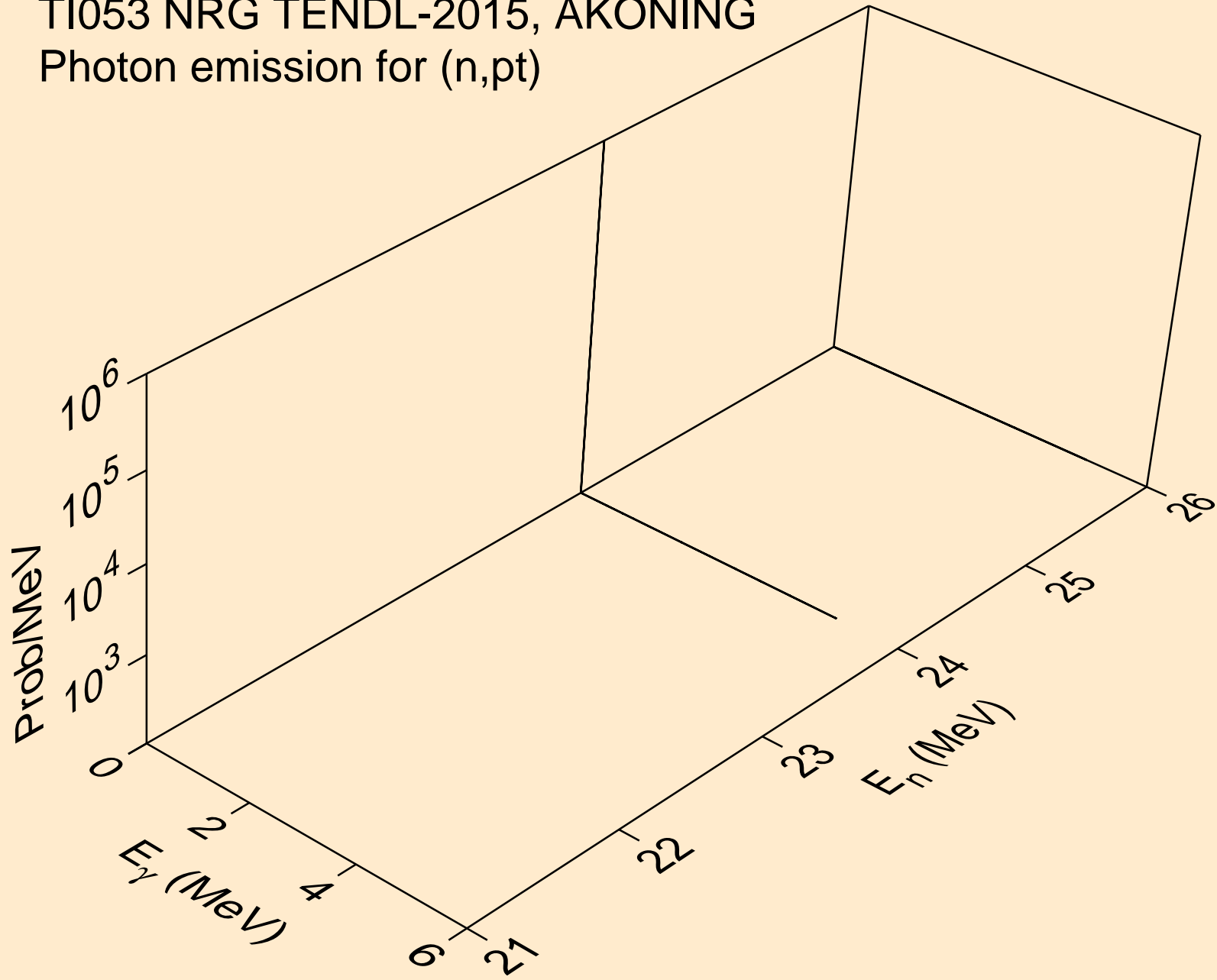




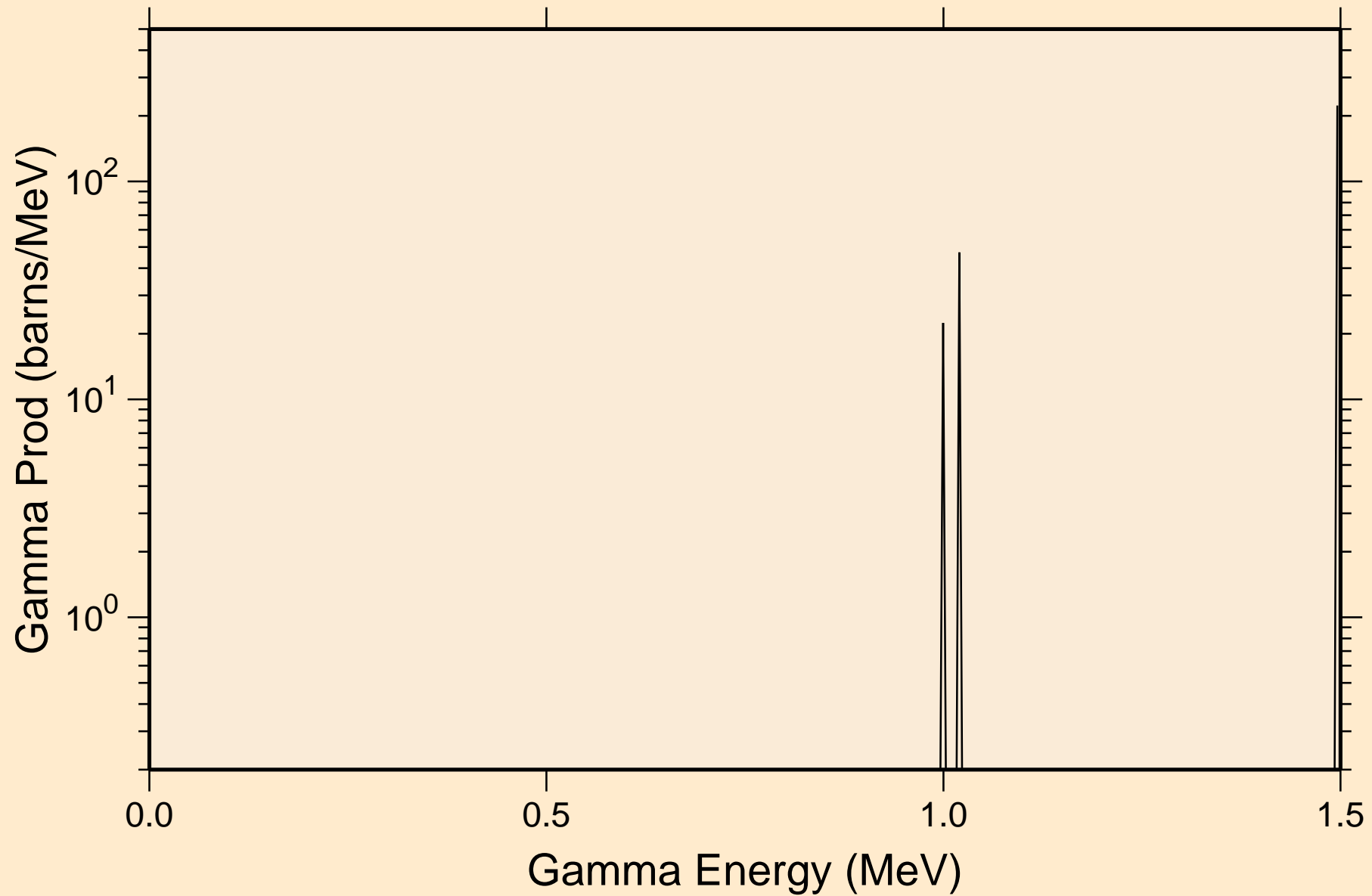
TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



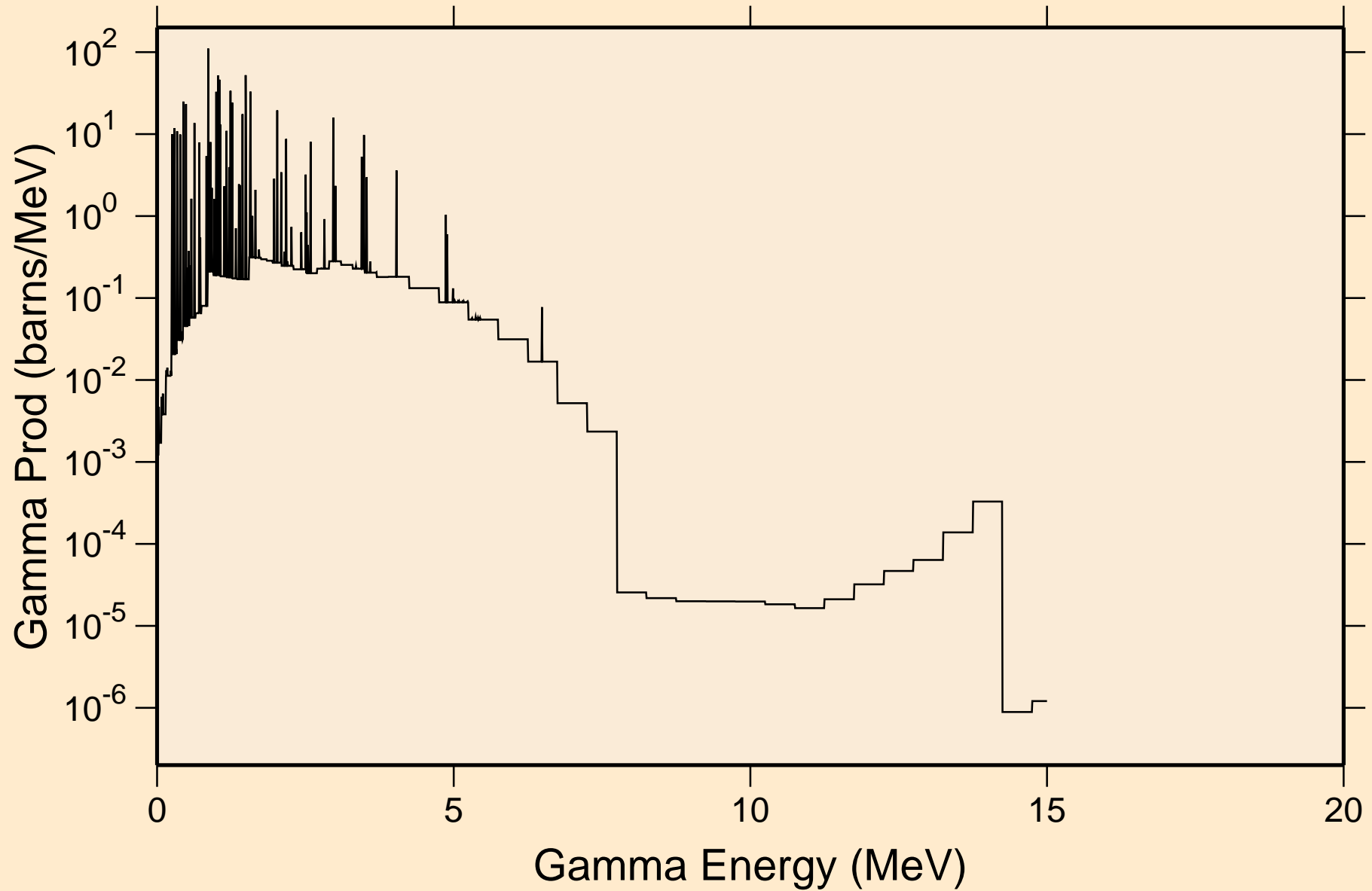
TI053 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



TI053 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

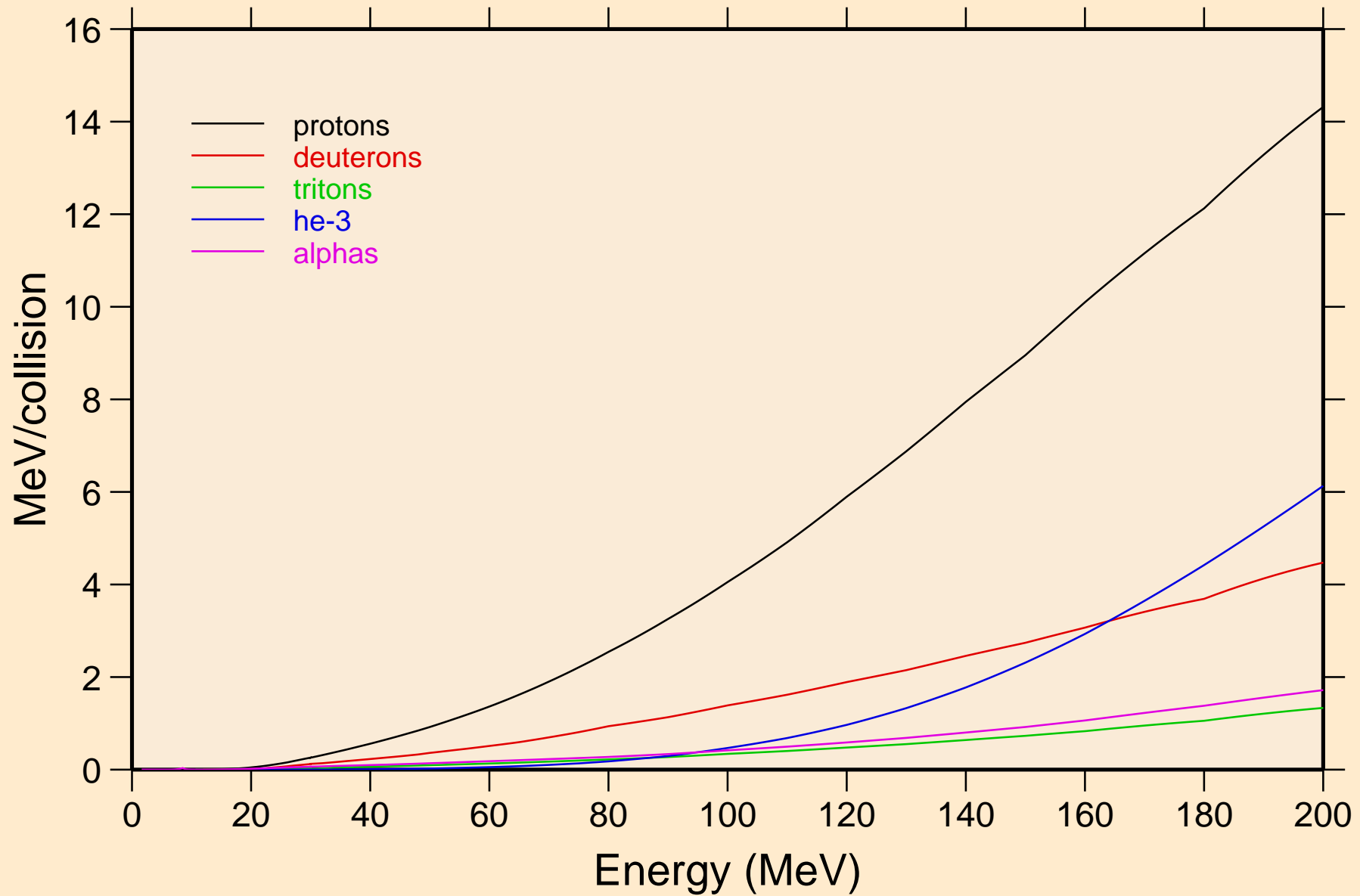


TI053 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



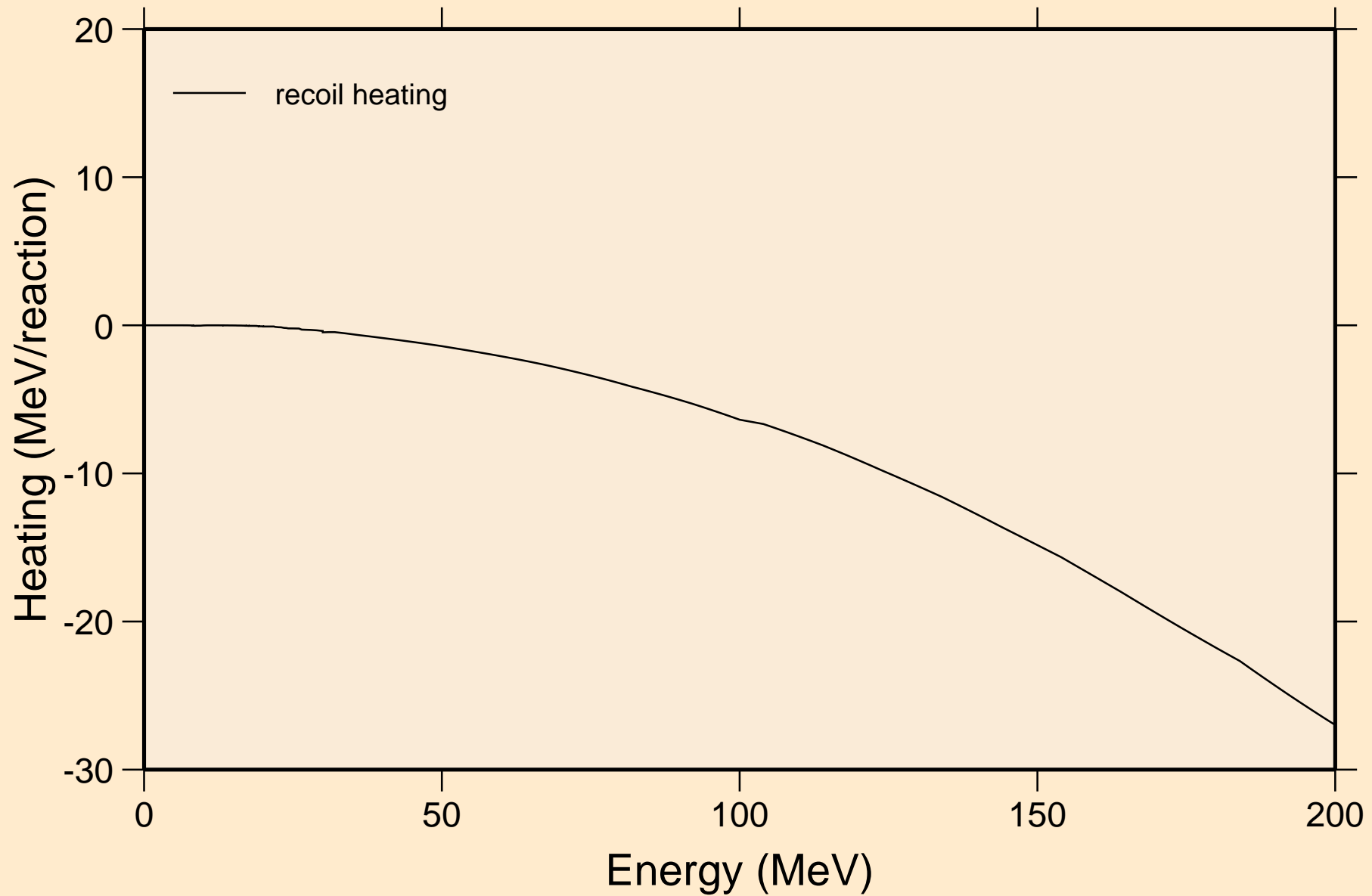
# TI053 NRG TENDL-2015, AKONING

## Particle heating contributions



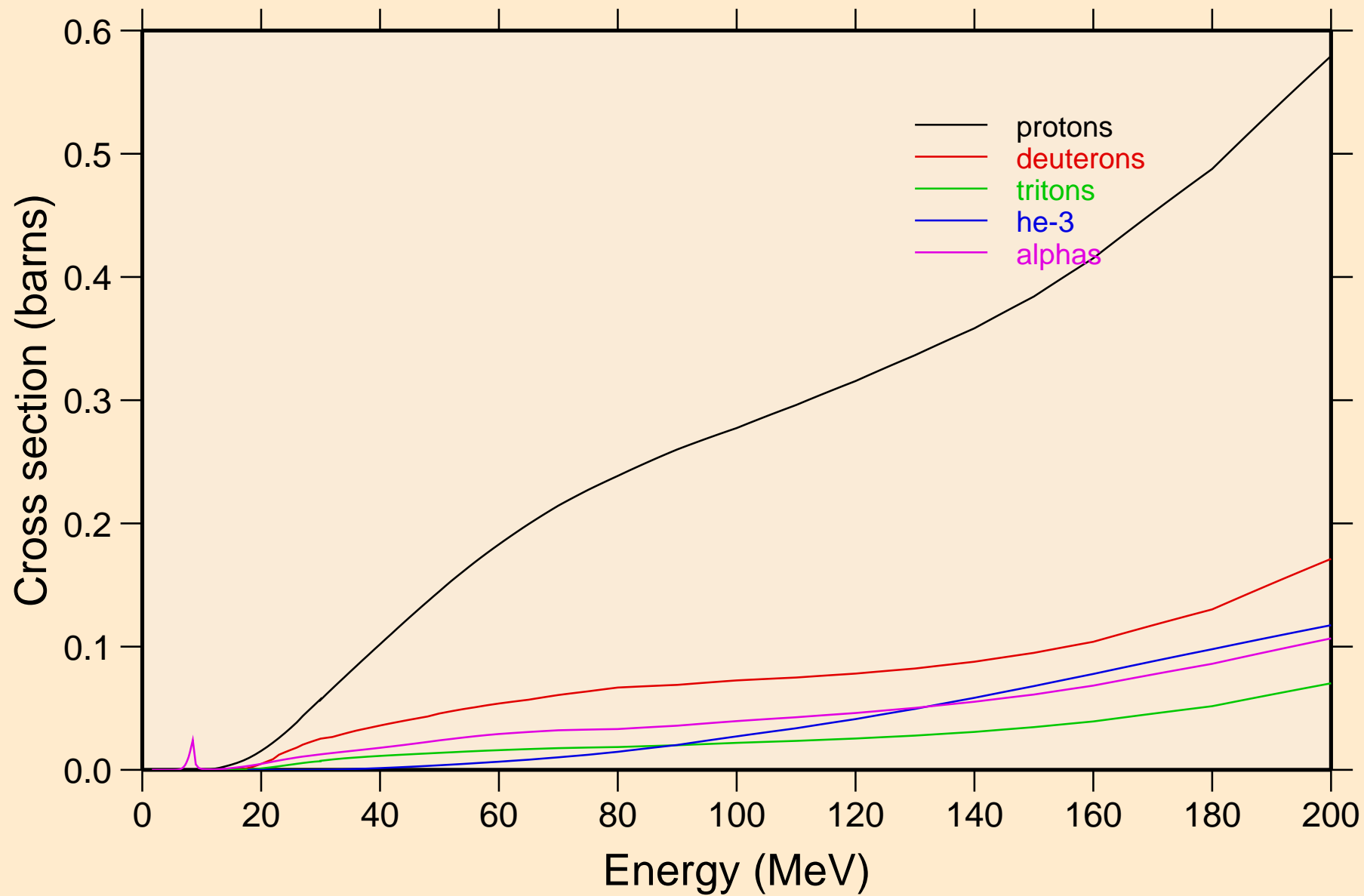
# TI053 NRG TENDL-2015, AKONING

## Recoil Heating

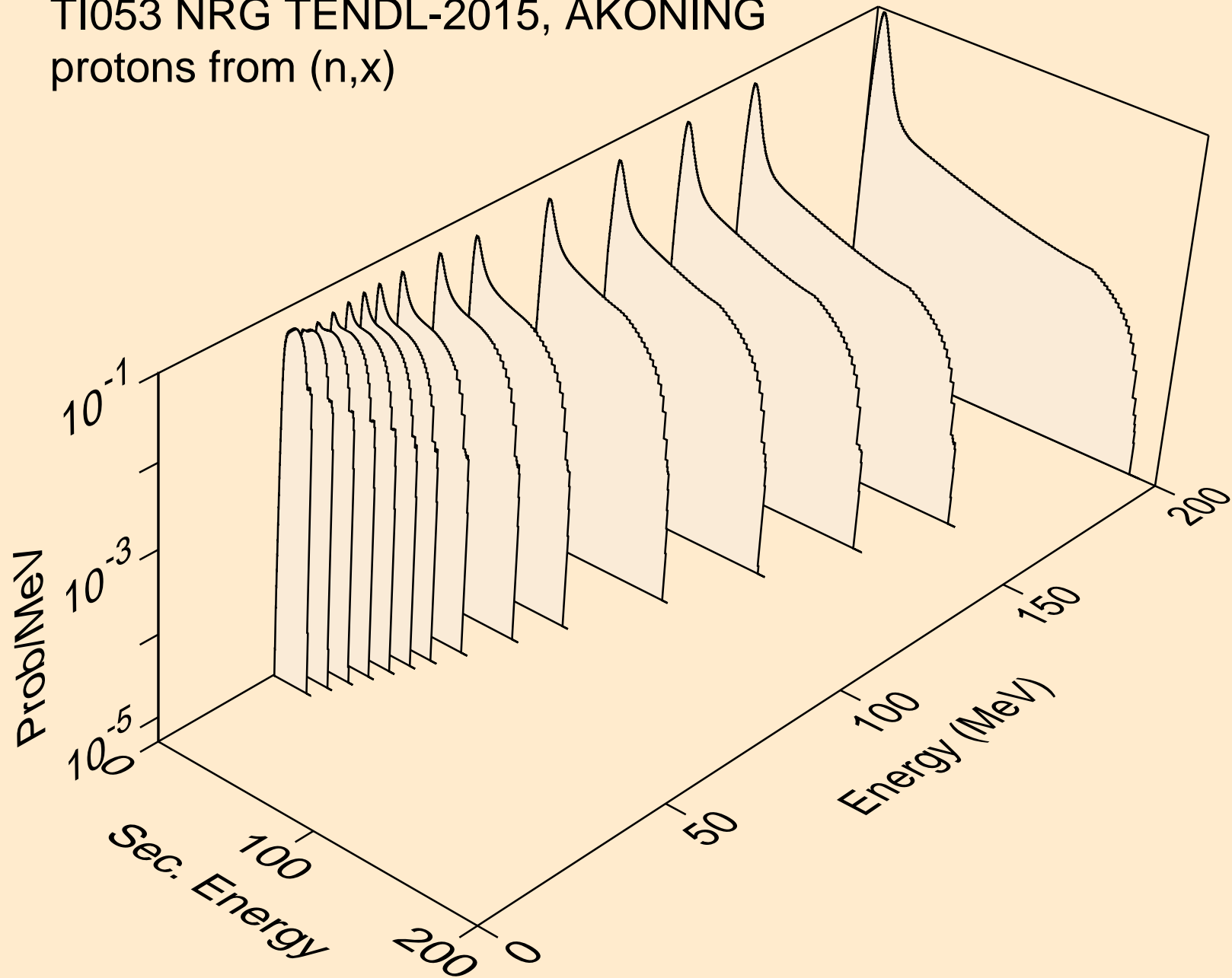


# TI053 NRG TENDL-2015, AKONING

## Particle production cross sections

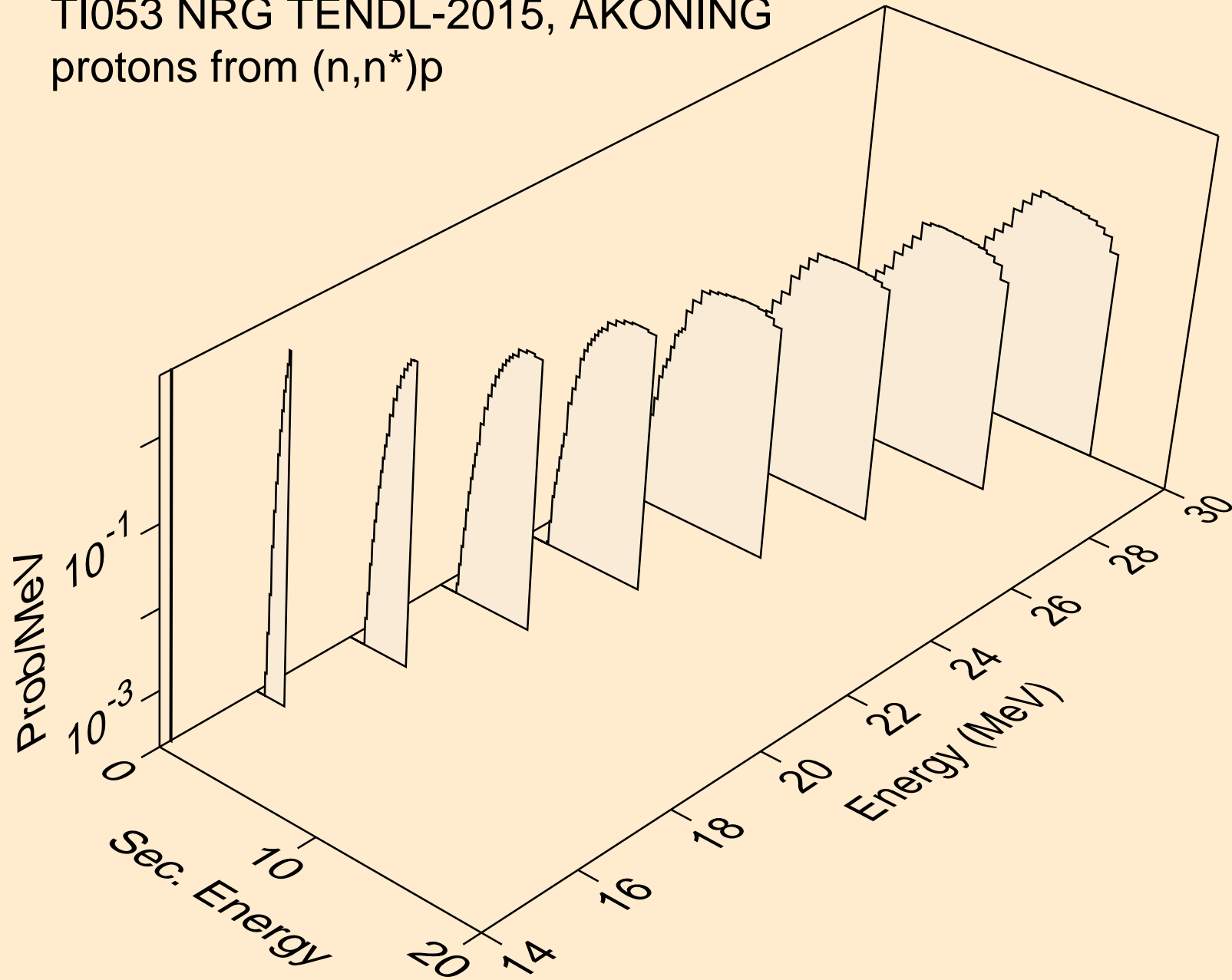


TI053 NRG TENDL-2015, AKONING  
protons from (n,x)

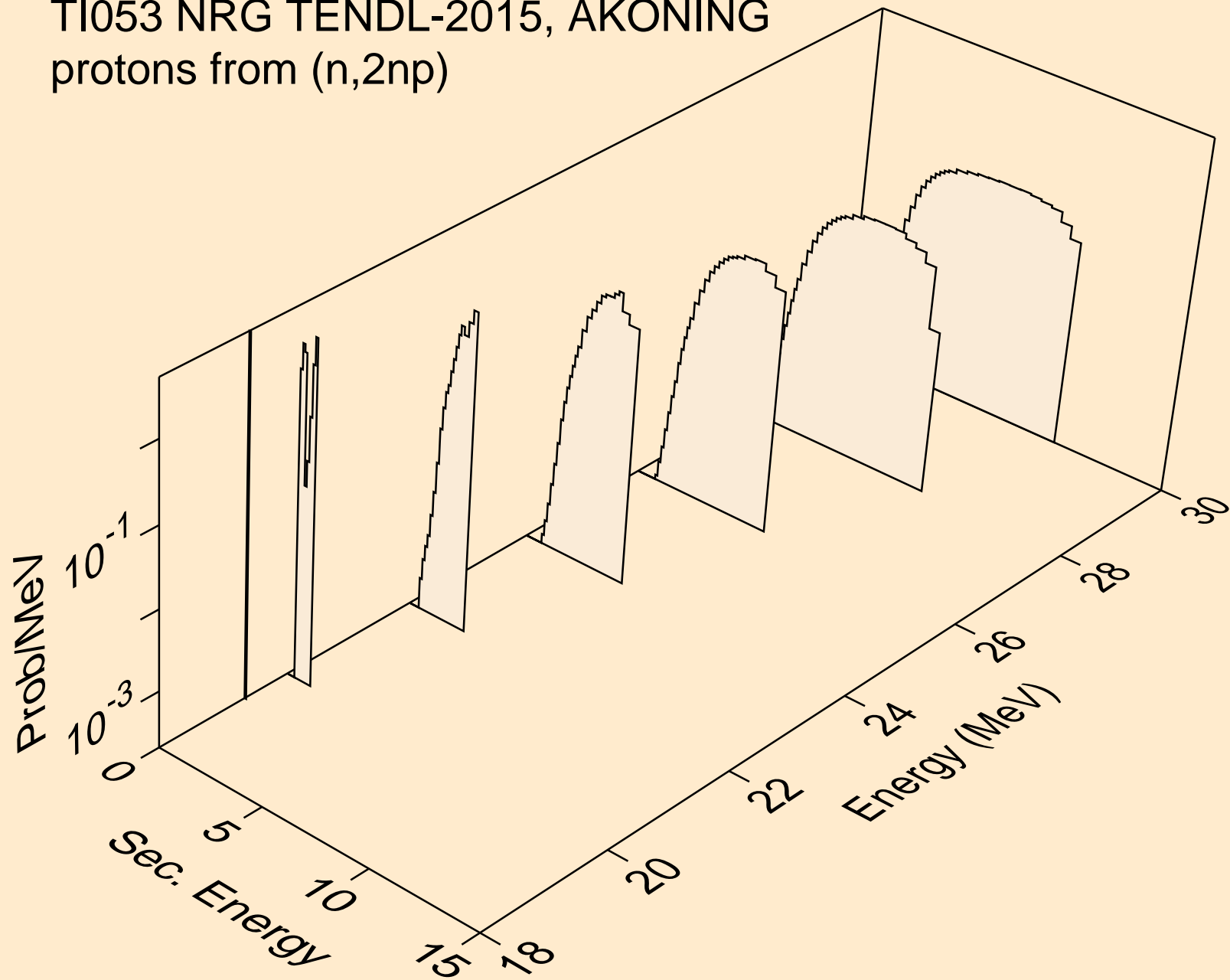




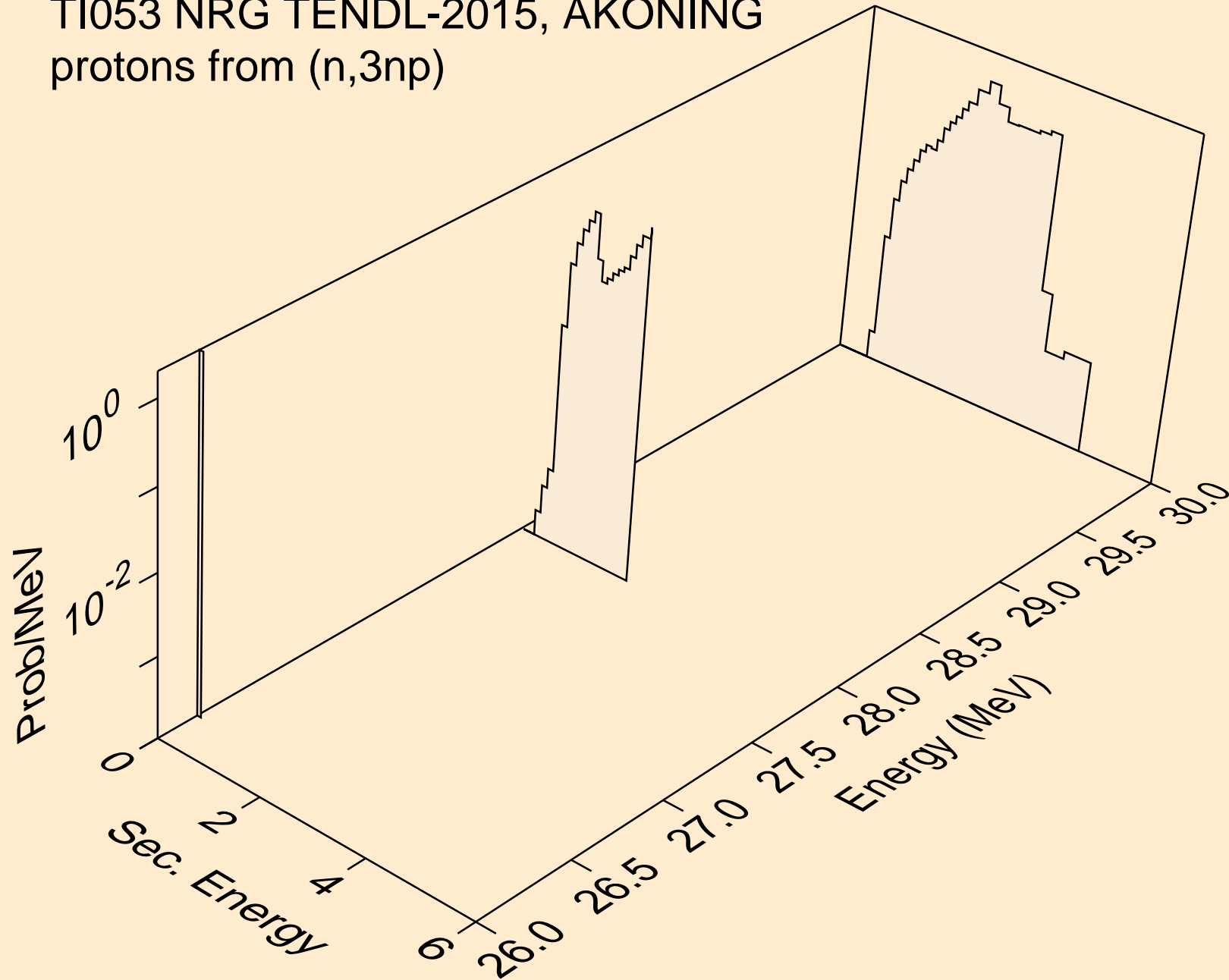
TI053 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



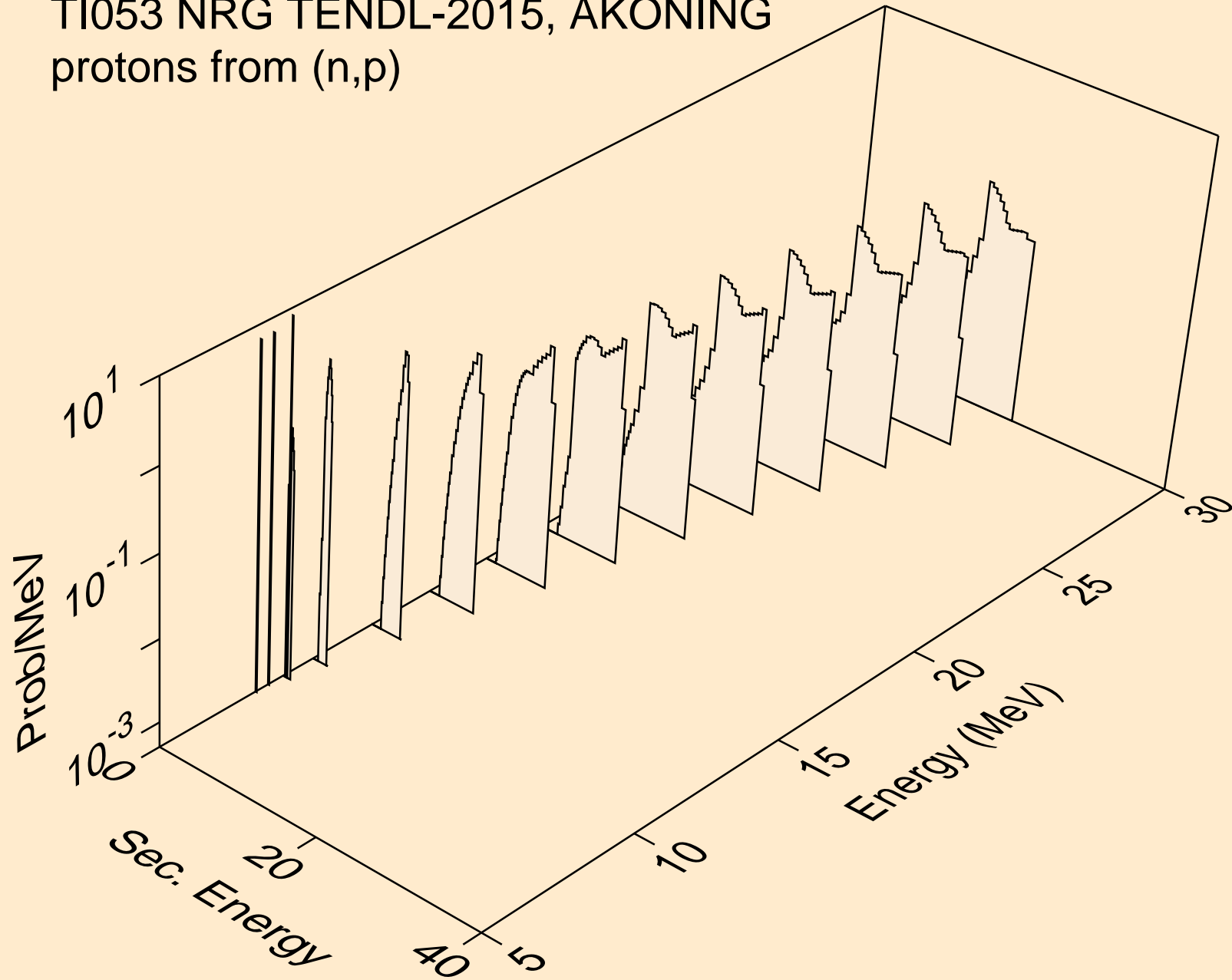
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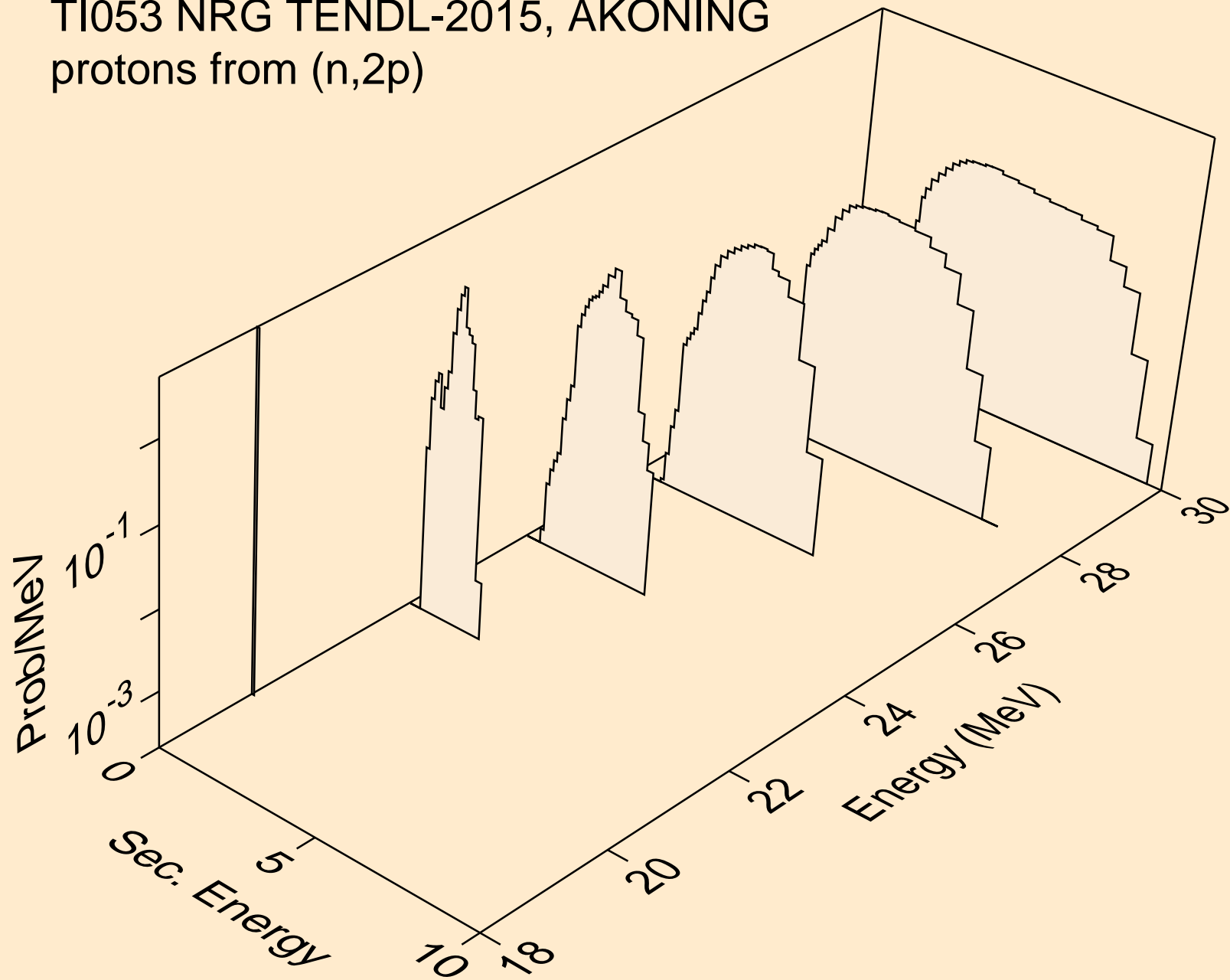
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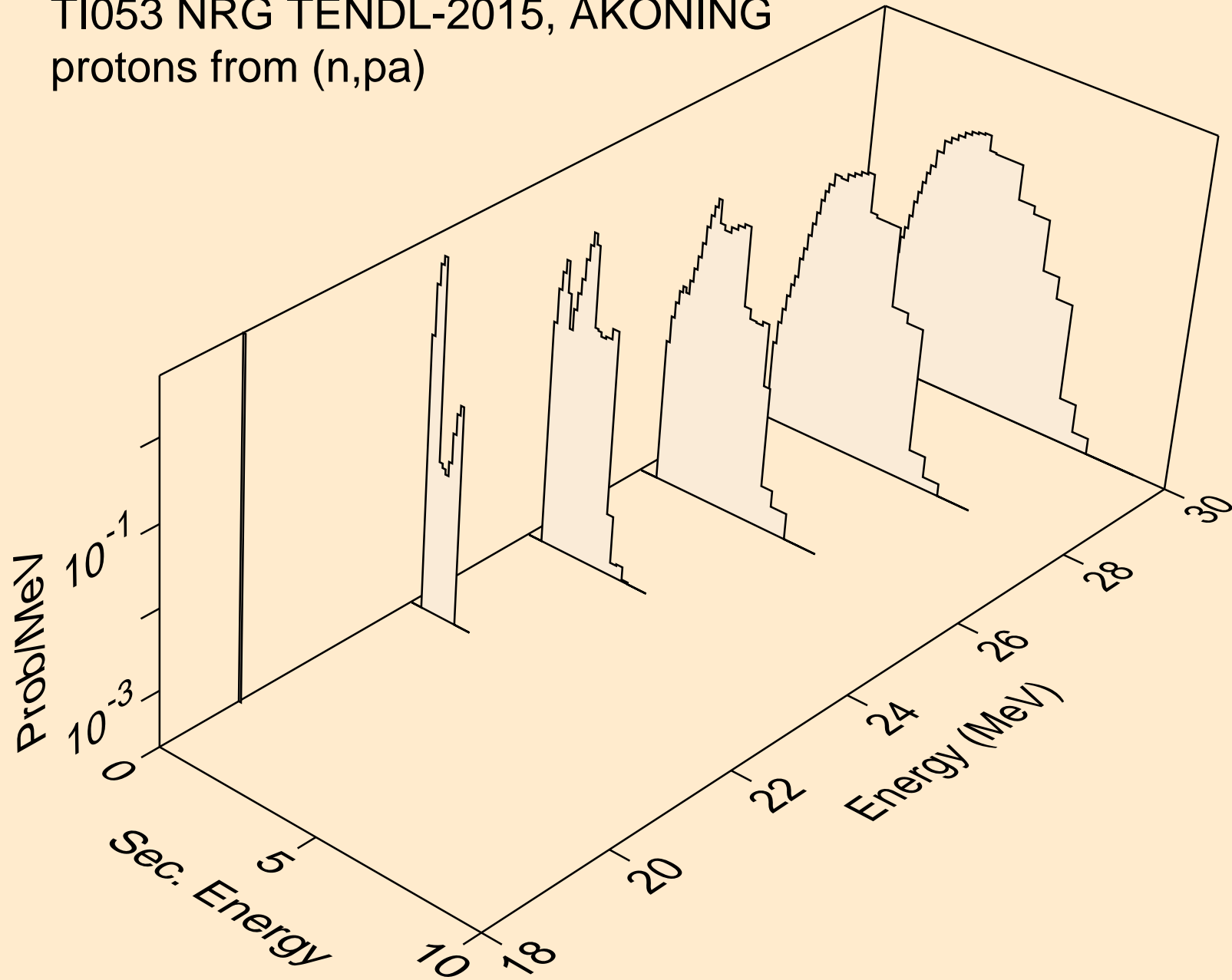
TI053 NRG TENDL-2015, AKONING  
protons from (n,p)



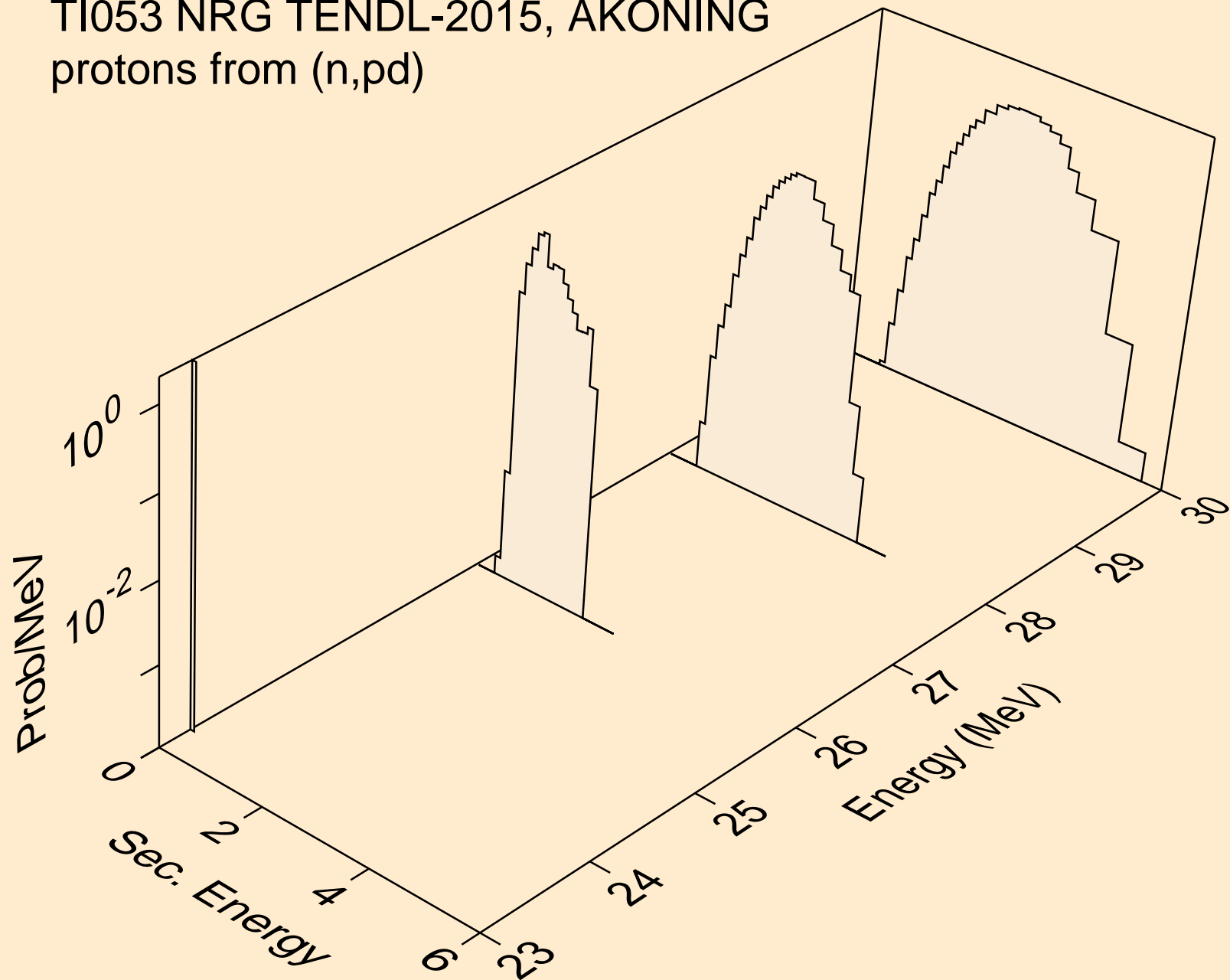
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protons from (n,2p)



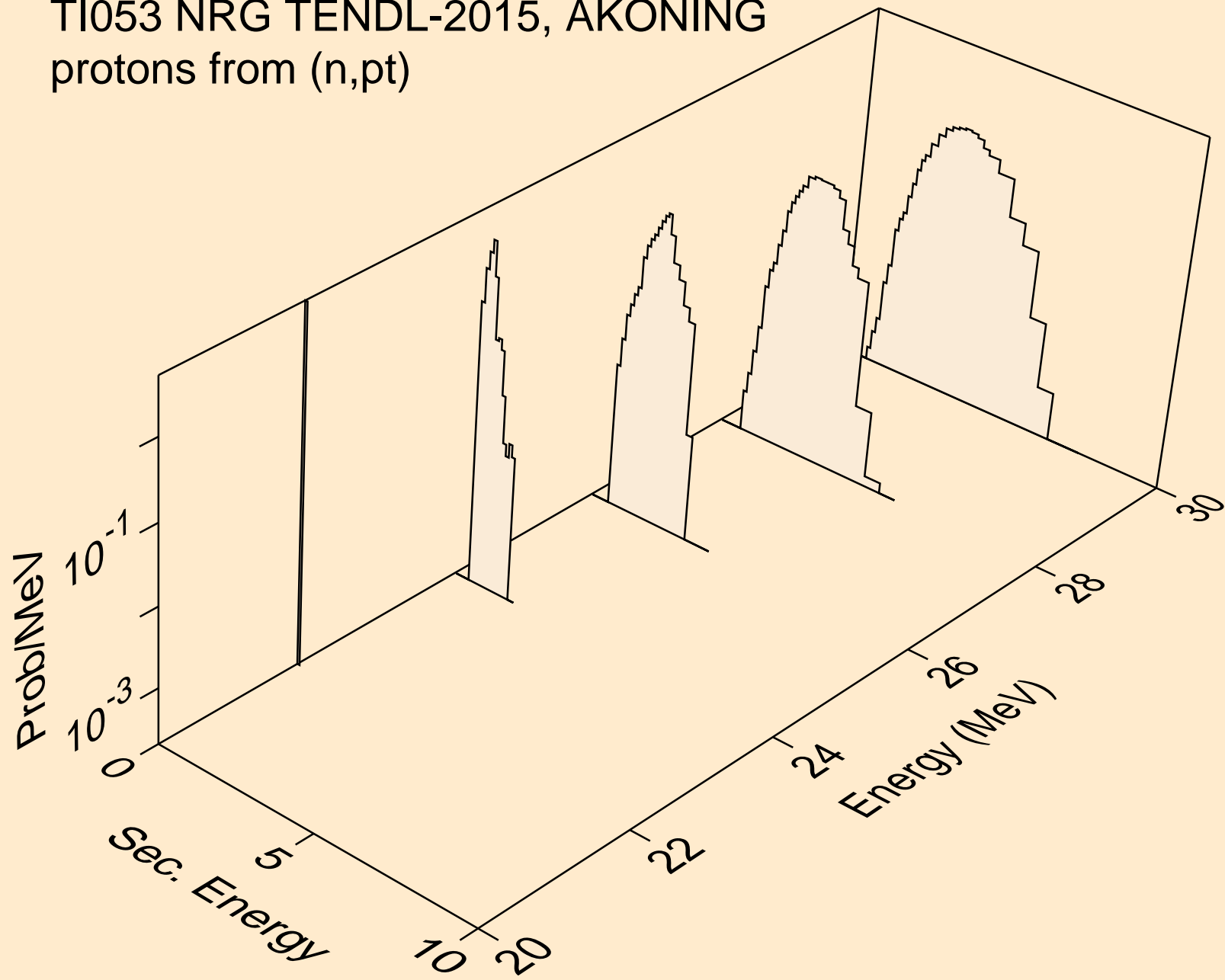
TI053 NRG TENDL-2015, AKONING  
protons from (n,pa)



TI053 NRG TENDL-2015, AKONING  
protons from (n,pd)

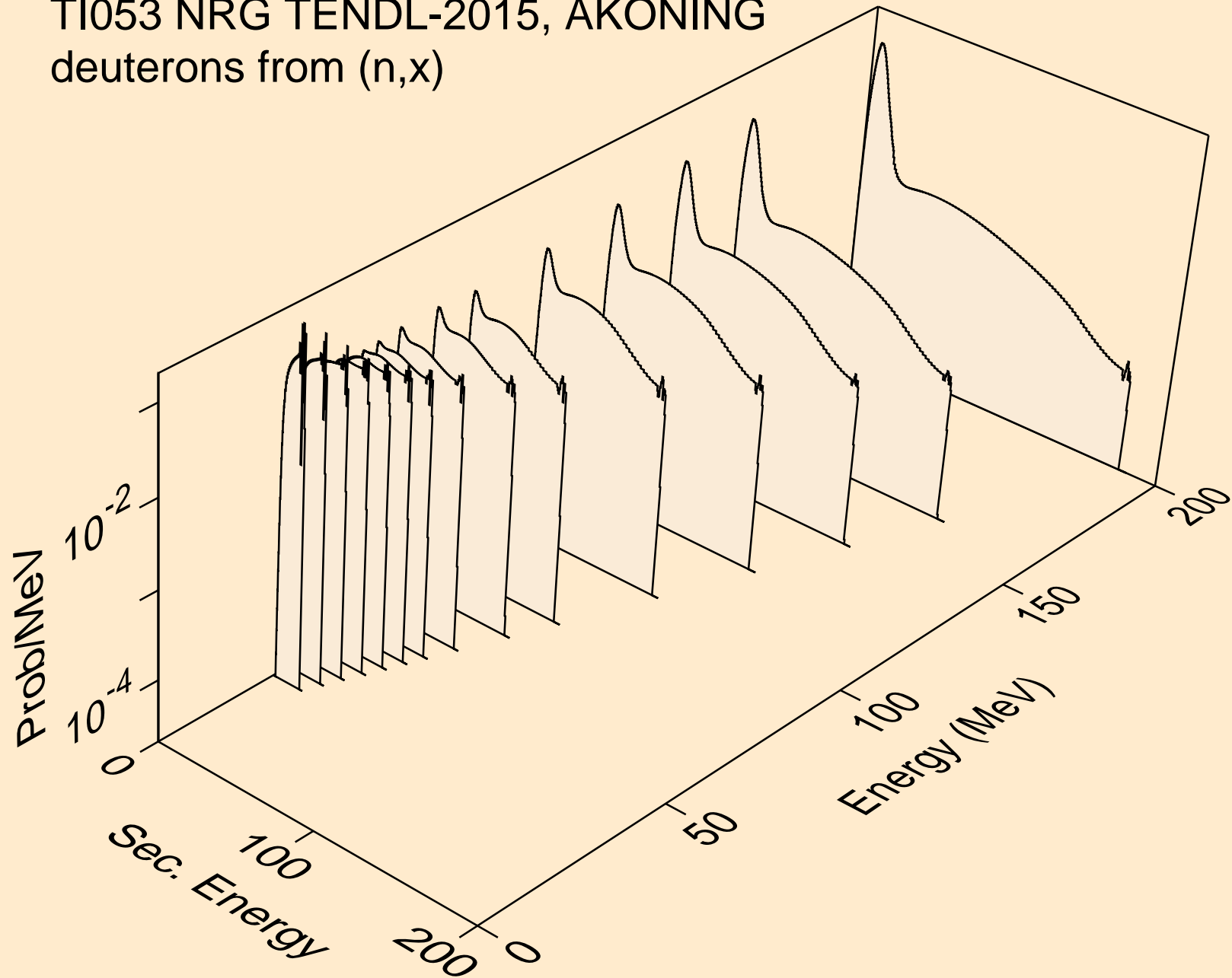


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protons from (n,pt)

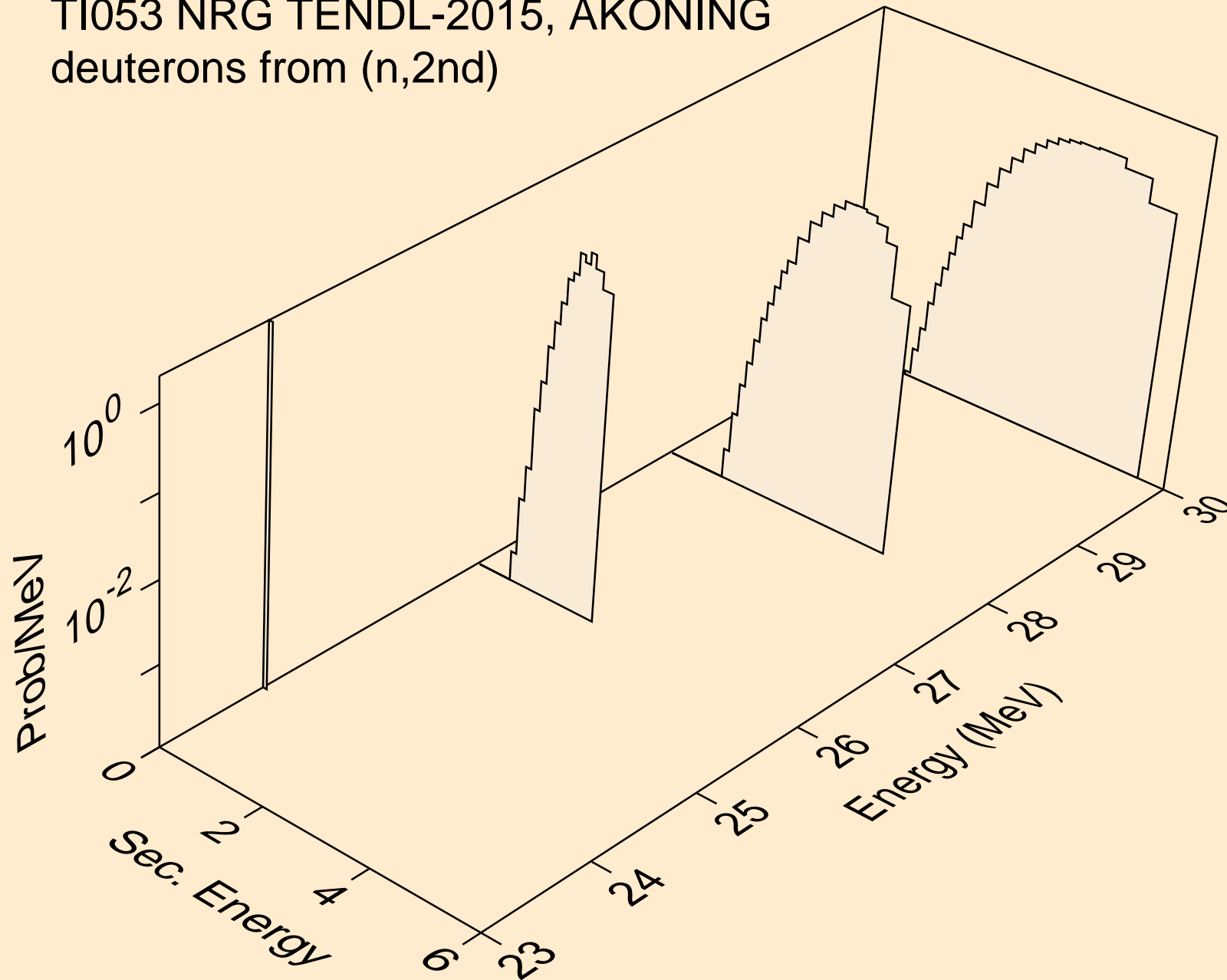




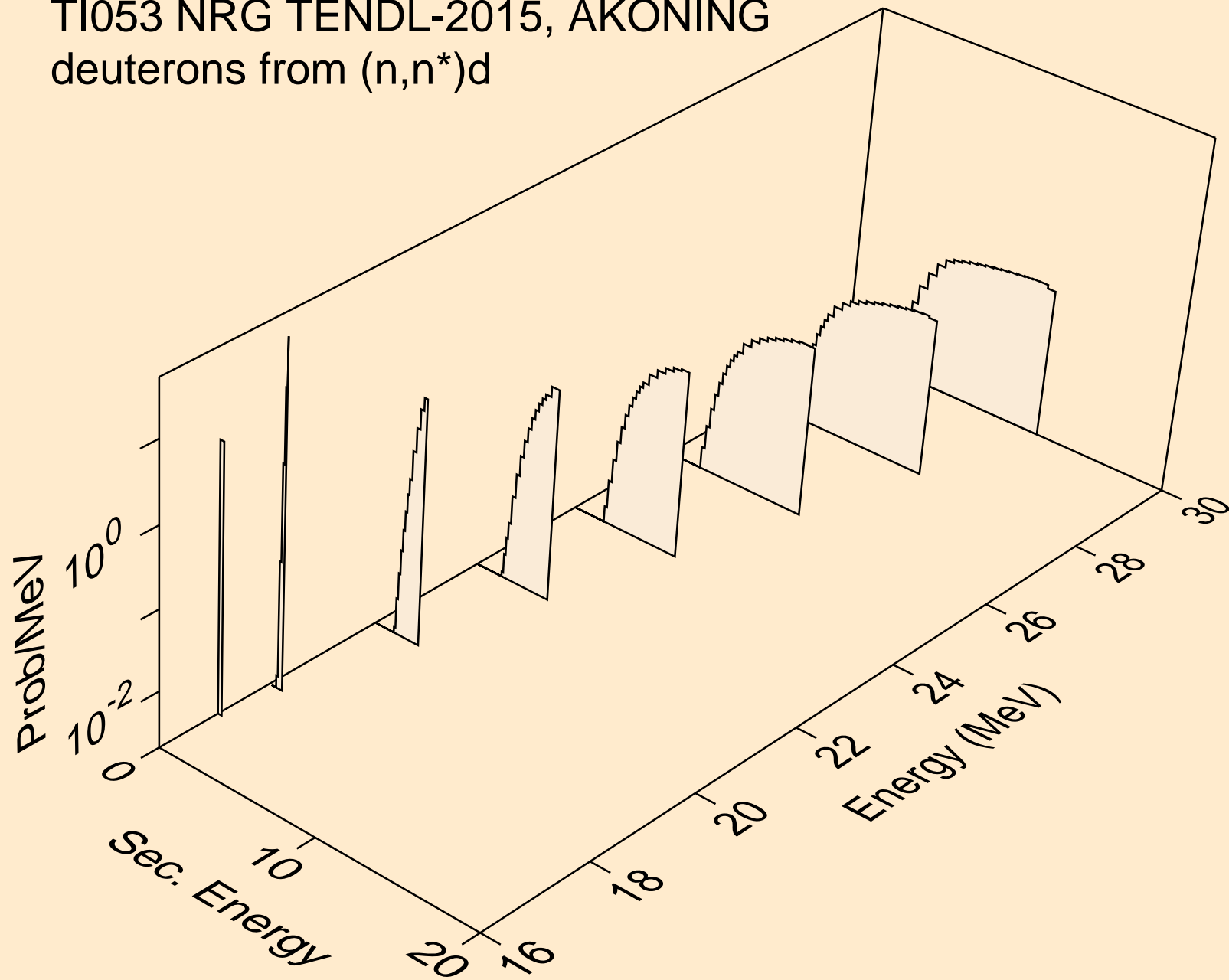
TI053 NRG TENDL-2015, AKONING  
deuterons from (n,x)



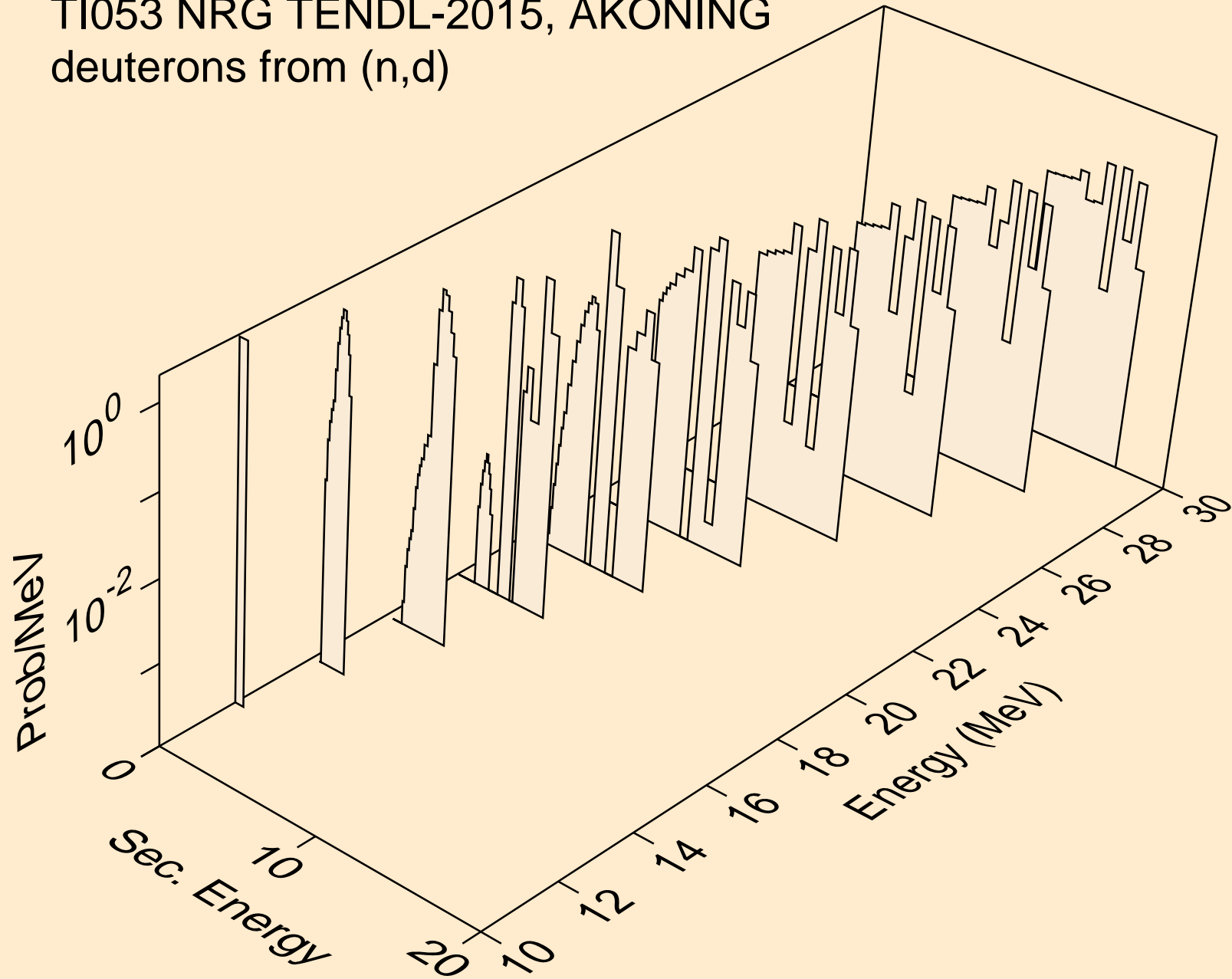
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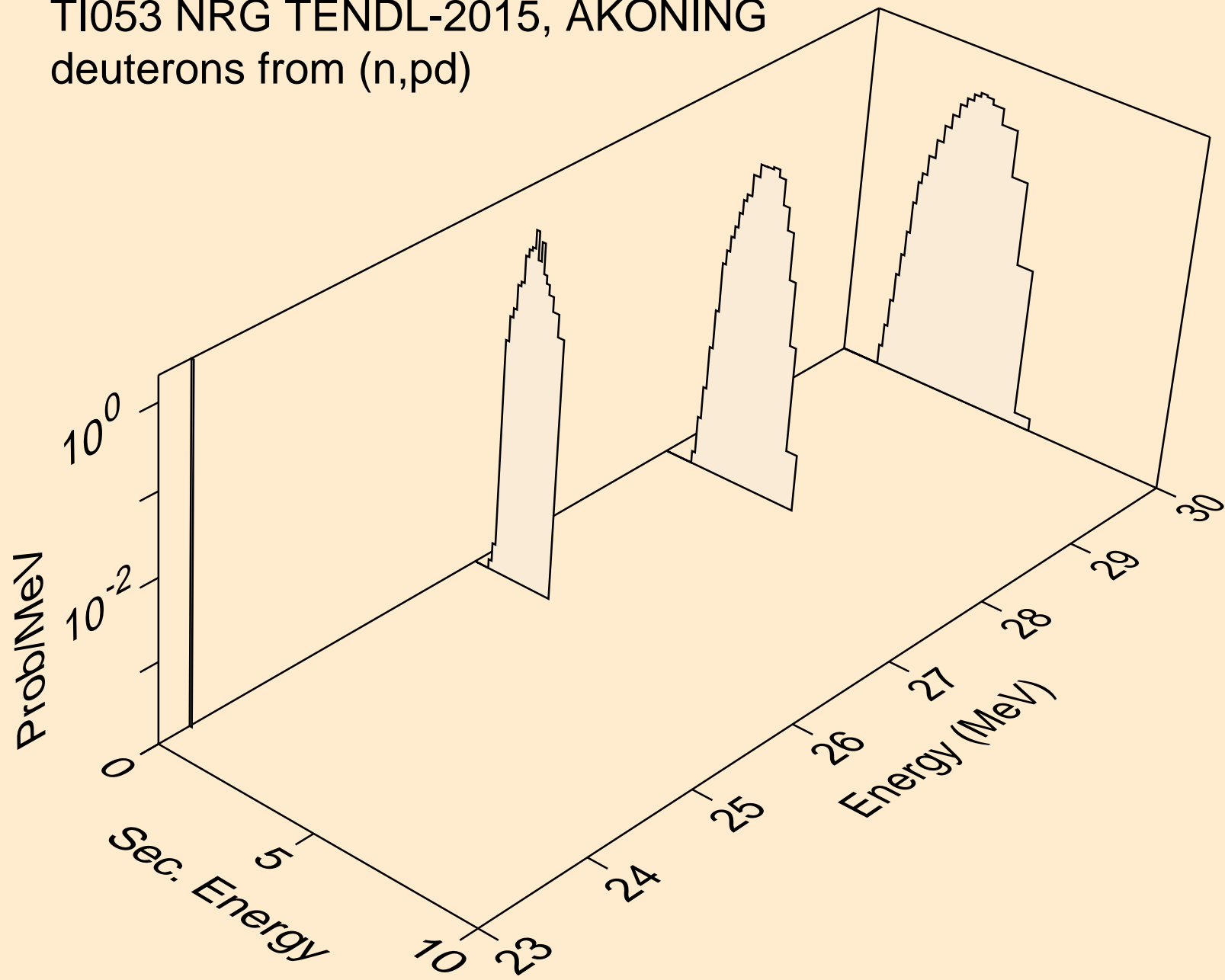
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deuterons from (n,n\*)d



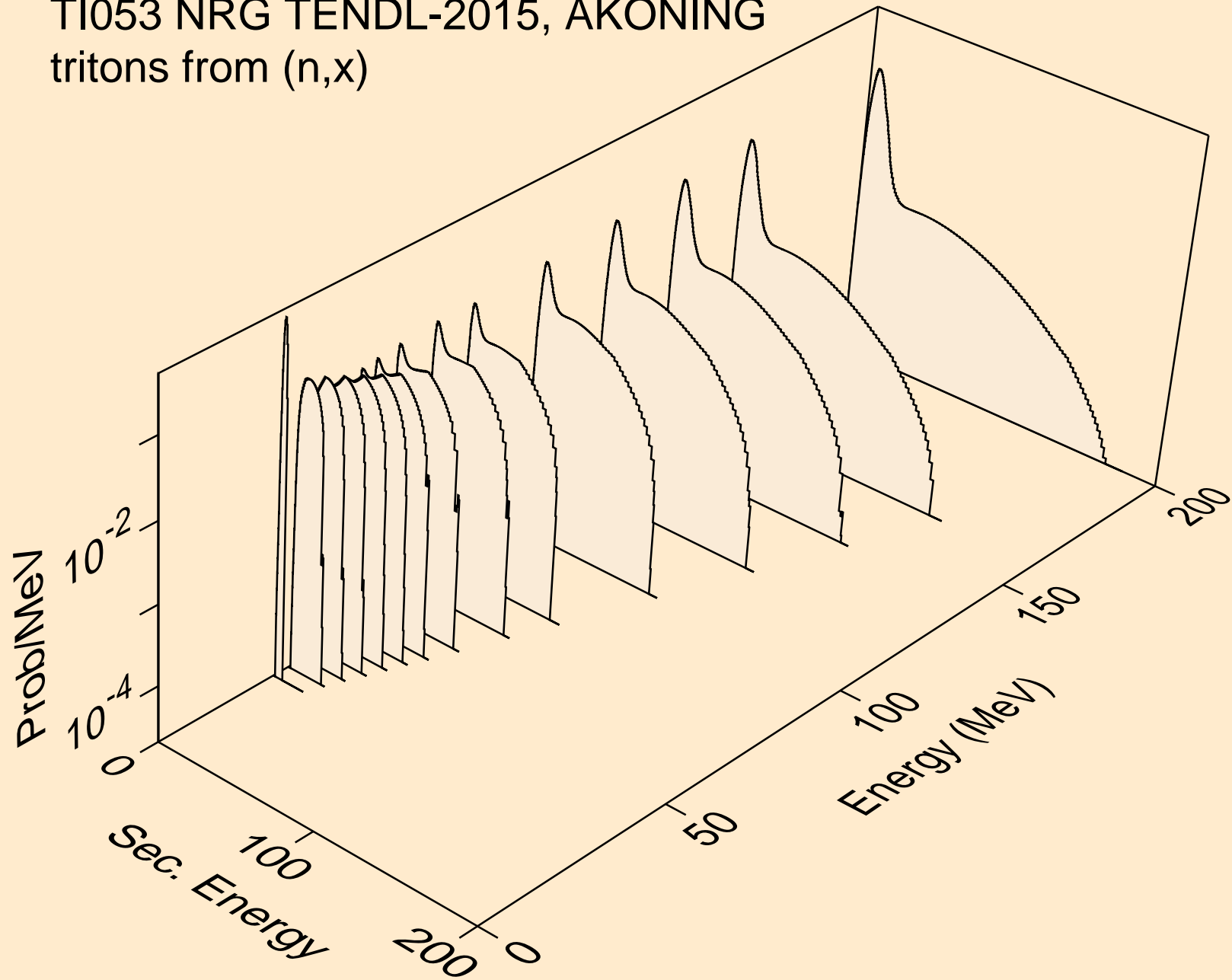
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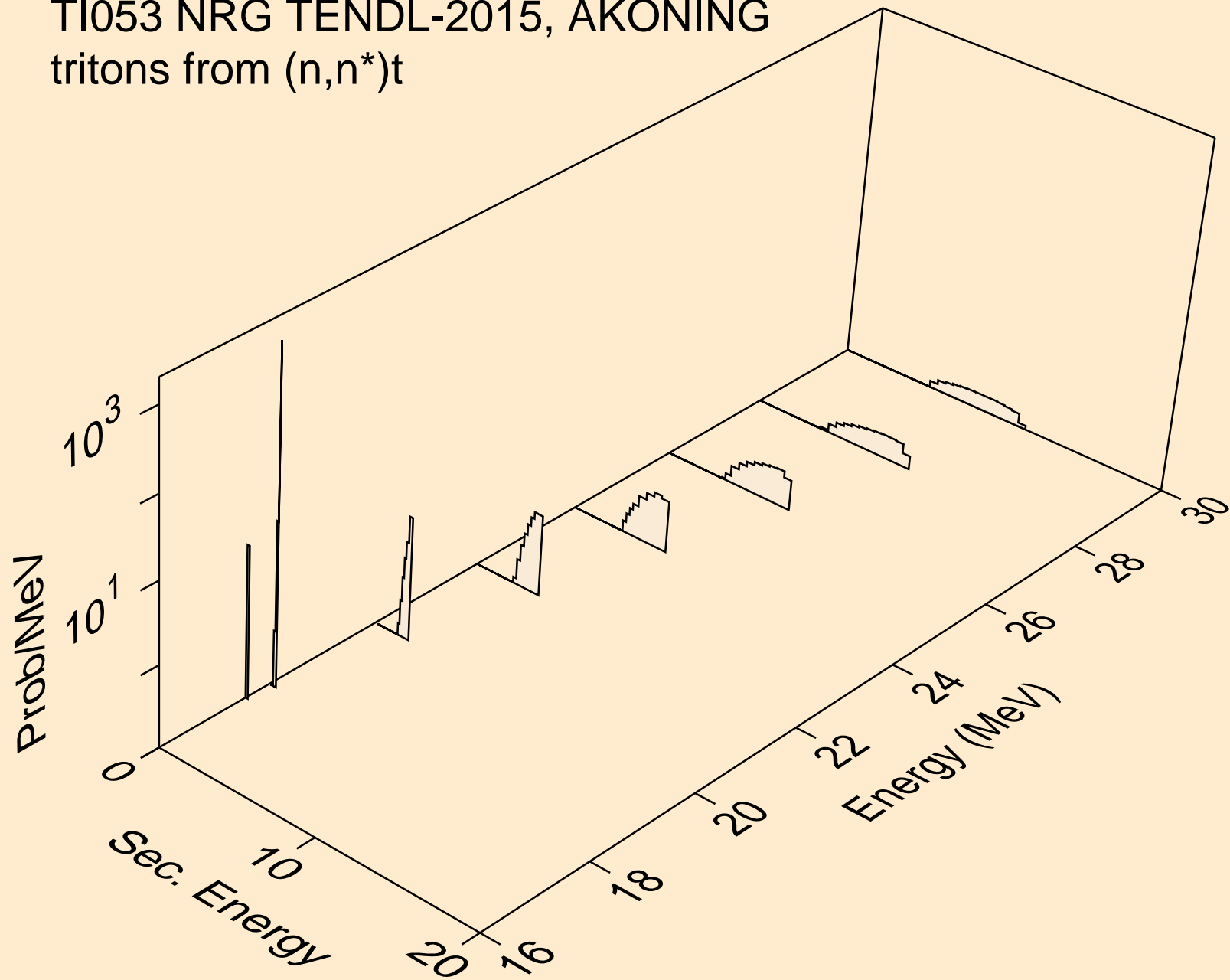
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deuterons from (n,pd)



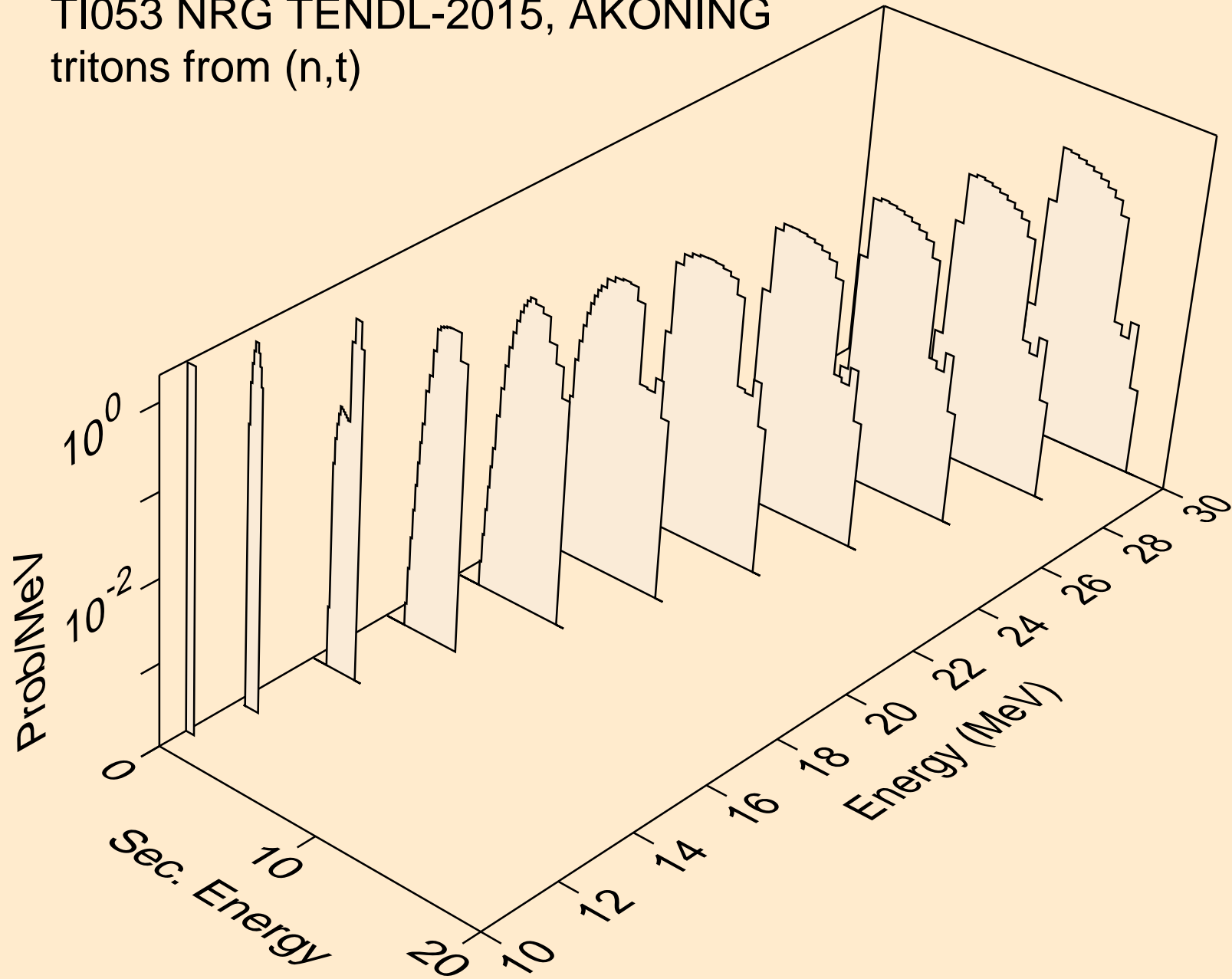
TI053 NRG TENDL-2015, AKONING  
tritons from (n,x)



TI053 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

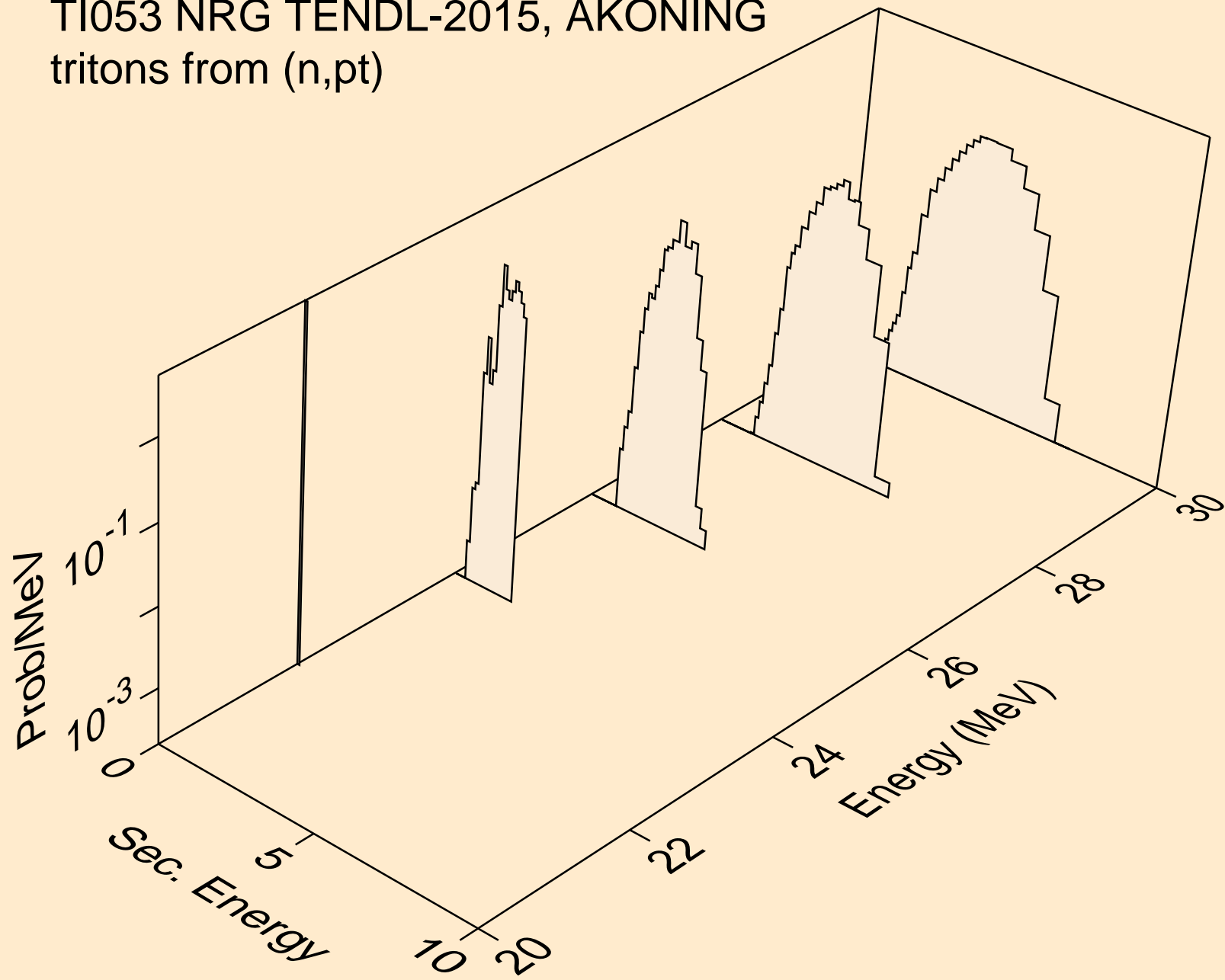


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tritons from (n,t)

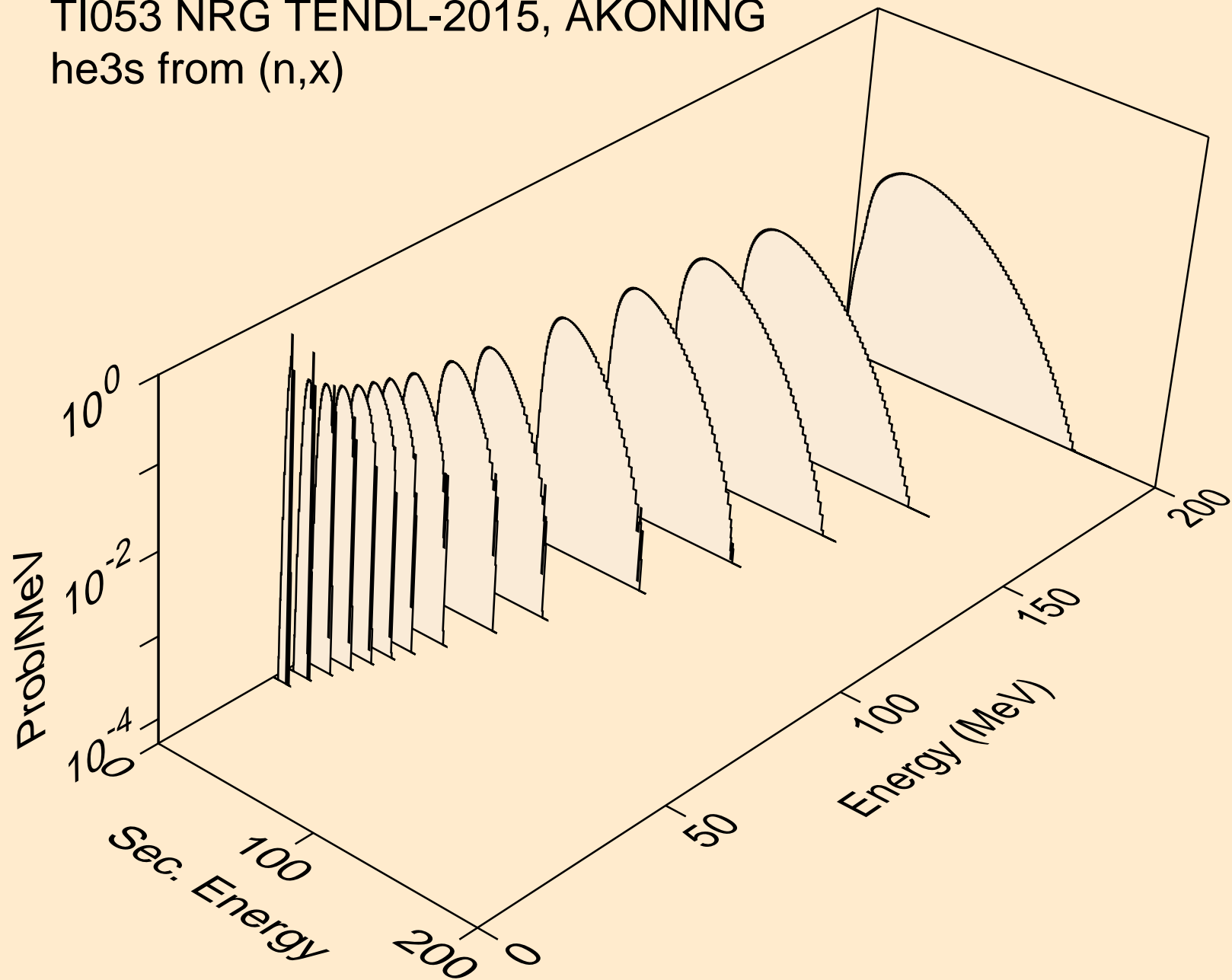




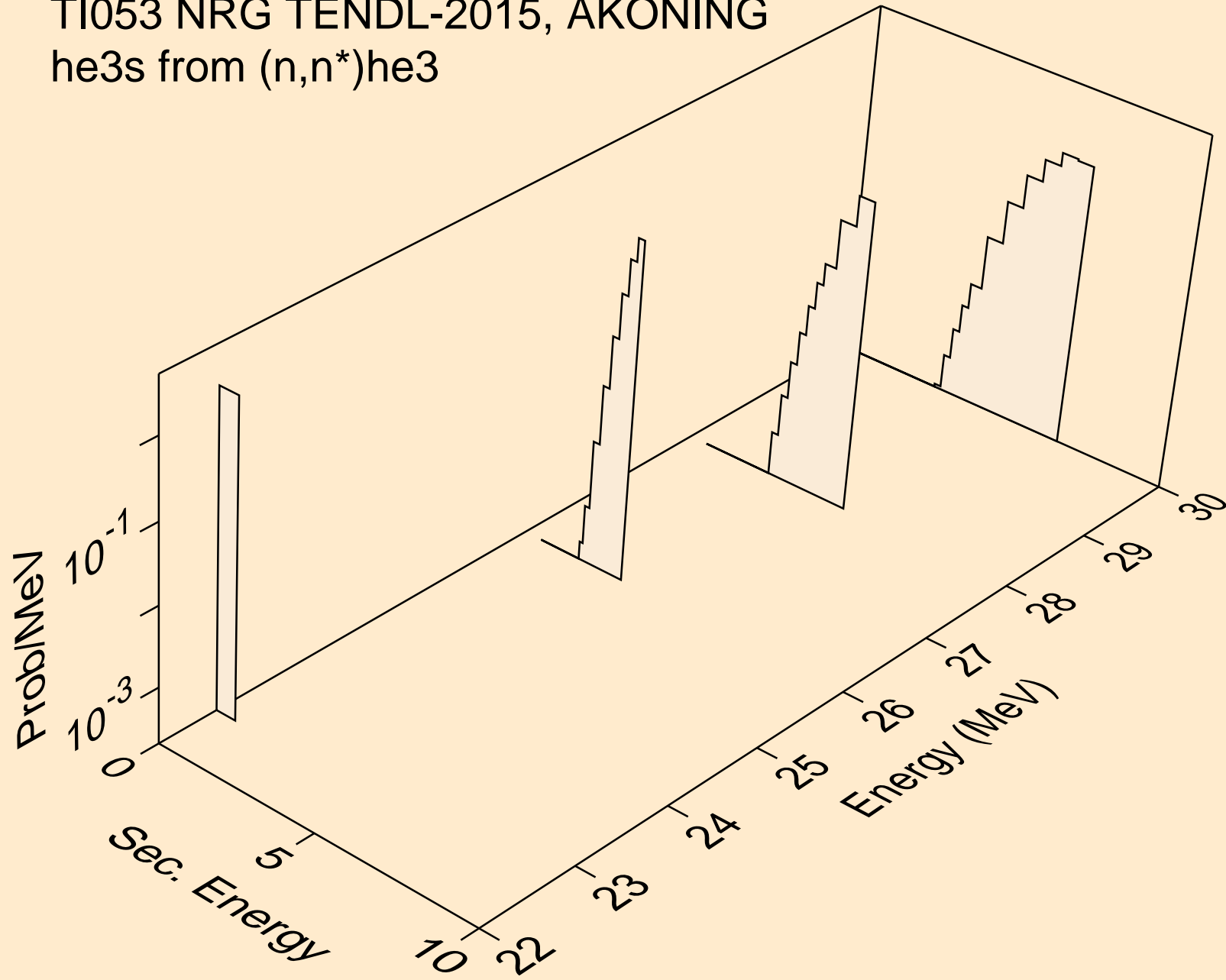
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tritons from (n,pt)



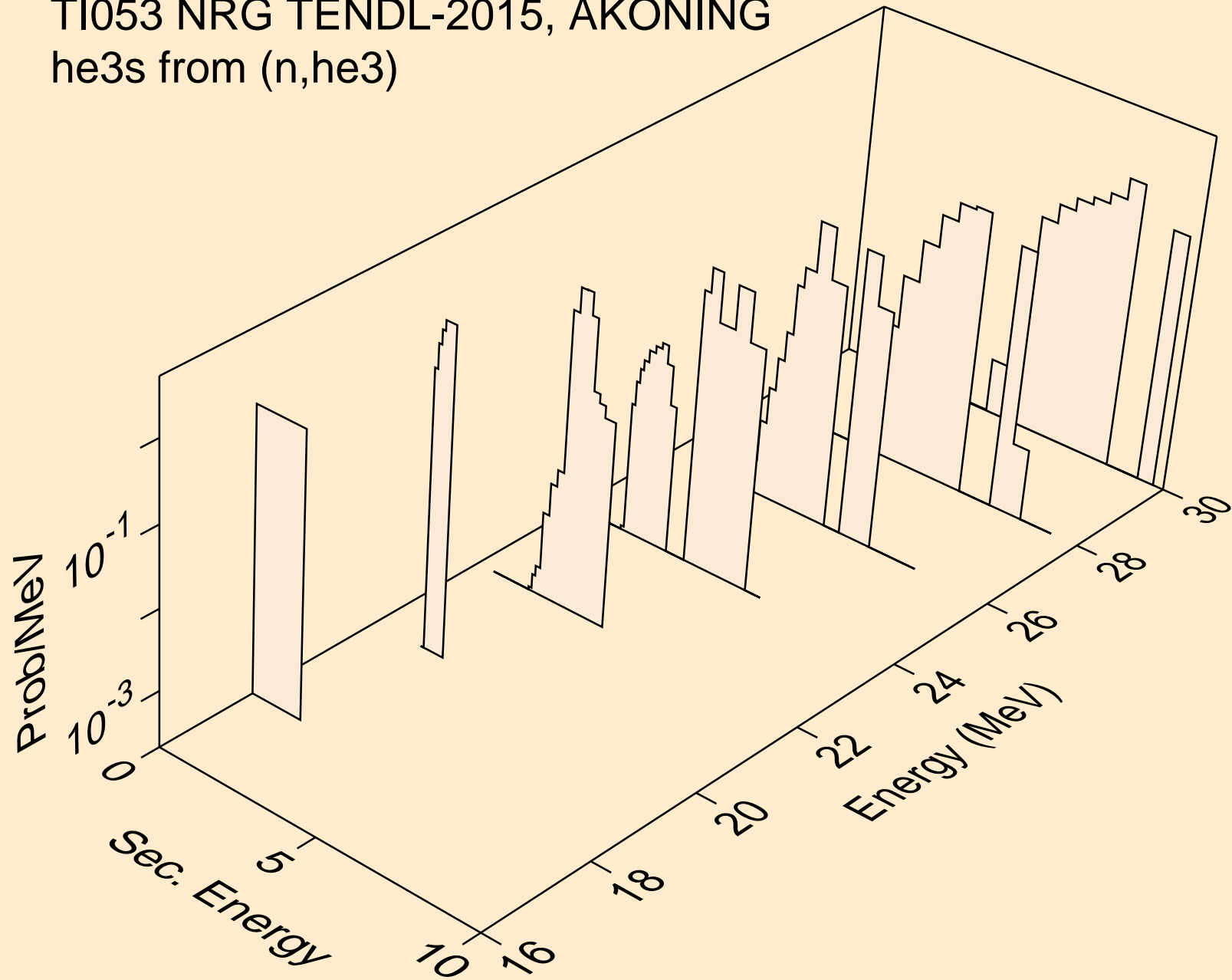
TI053 NRG TENDL-2015, AKONING  
he3s from (n,x)



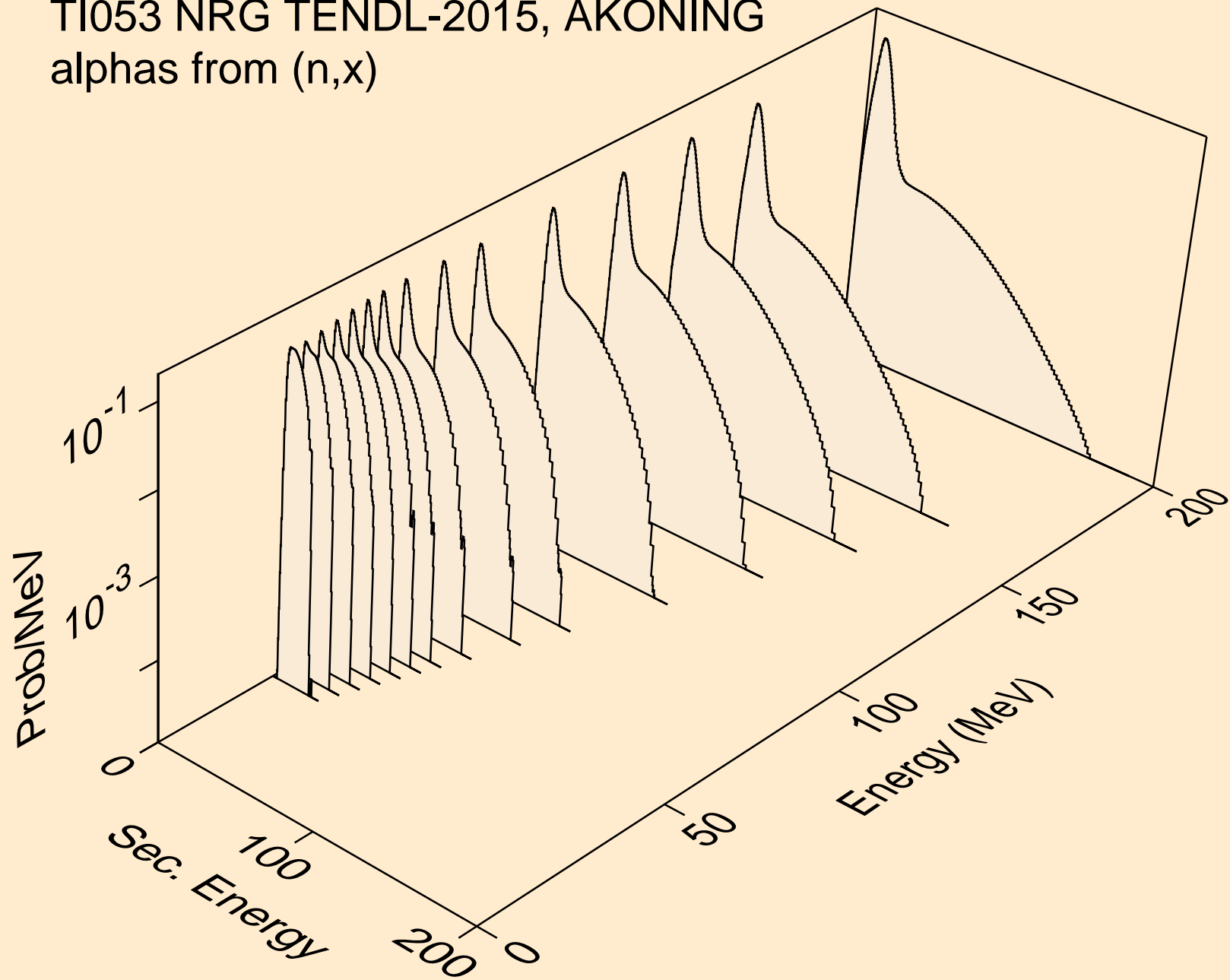
TI053 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



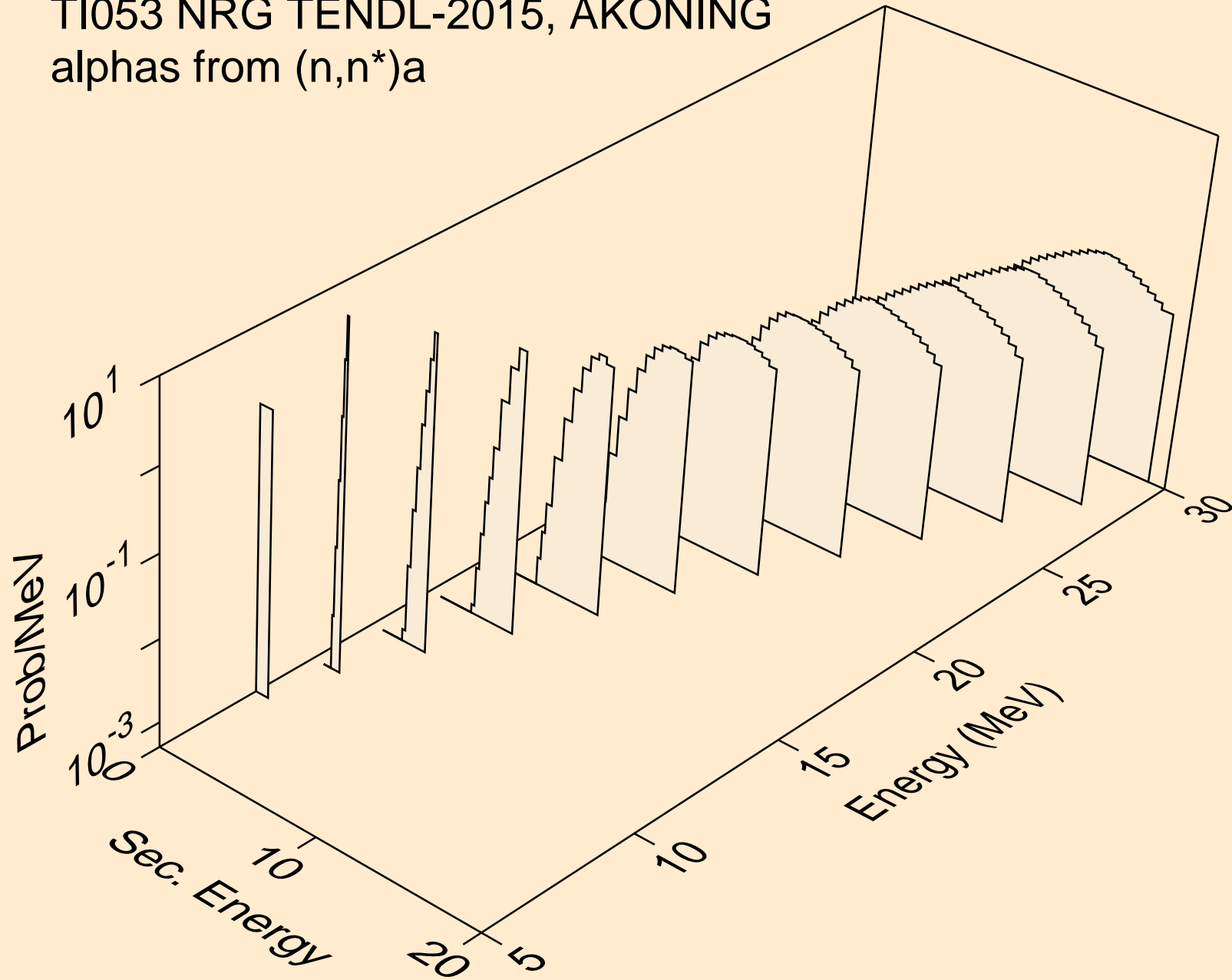
TI053 NRG TENDL-2015, AKONING  
he3s from (n,he3)



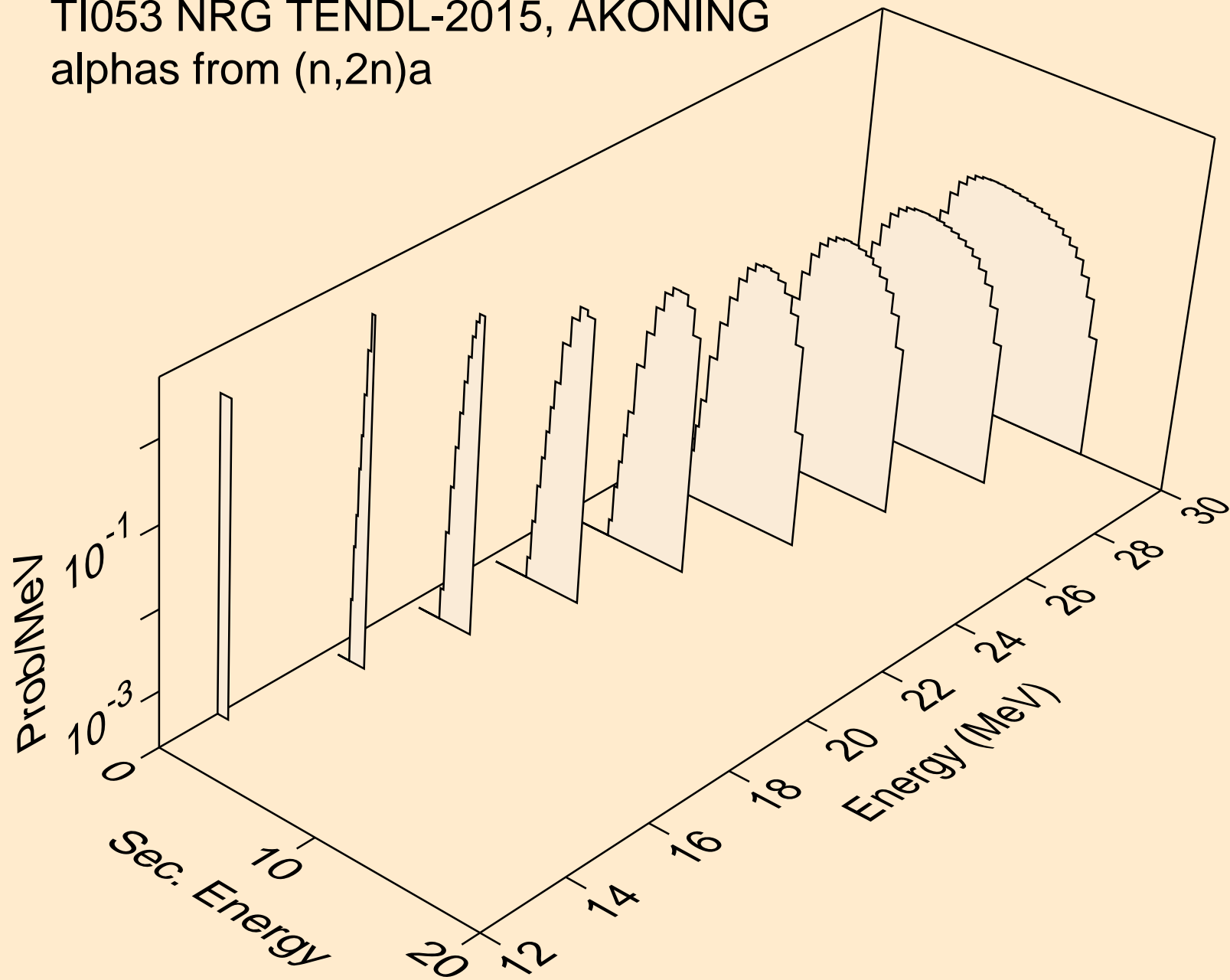
TI053 NRG TENDL-2015, AKONING  
alphas from (n,x)



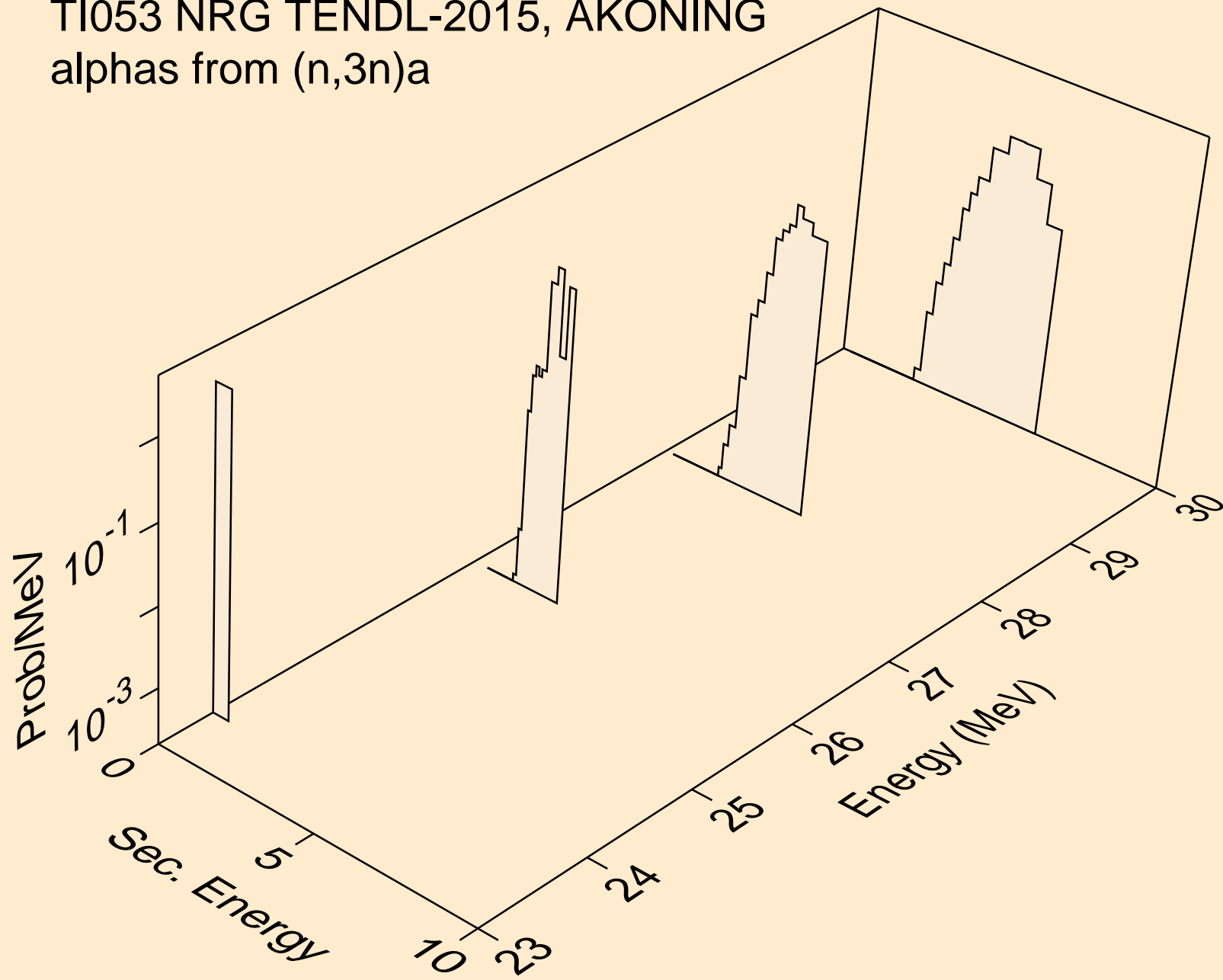
TI053 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



TI053 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

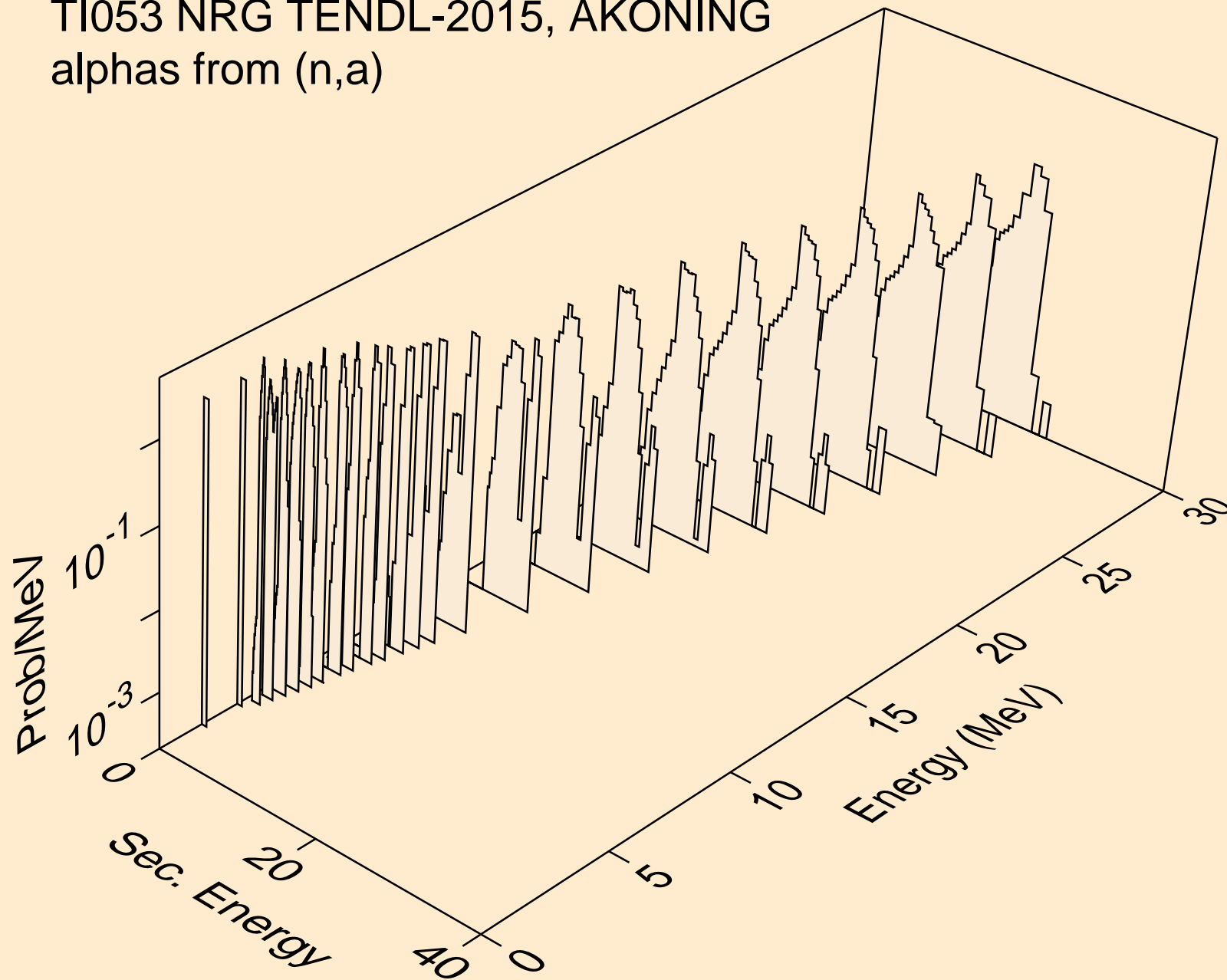


TI053 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

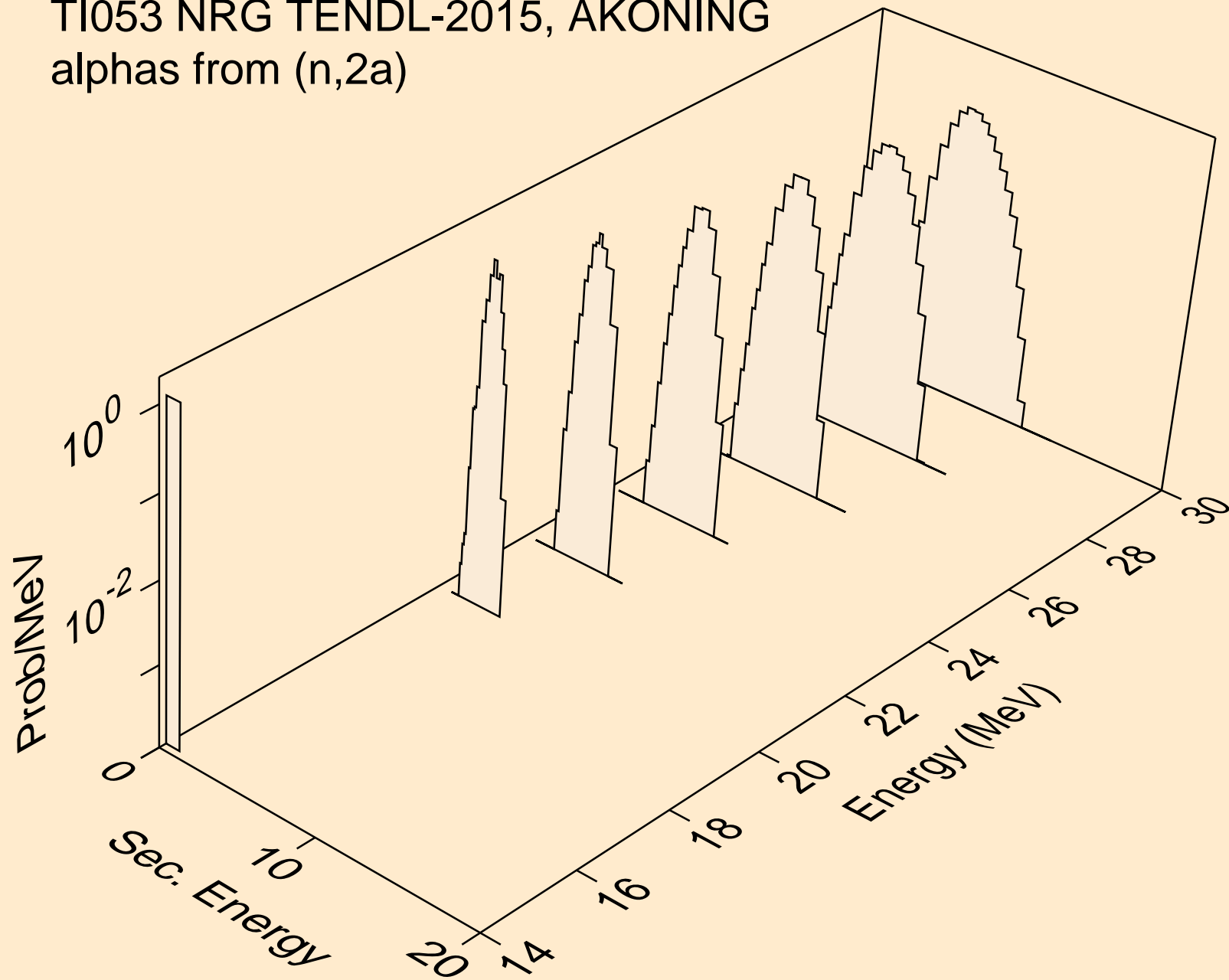




TI053 NRG TENDL-2015, AKONING  
alphas from (n,a)



TI053 NRG TENDL-2015, AKONING  
alphas from (n,2a)



TI053 NRG TENDL-2015, AKONING  
alphas from (n,pa)

