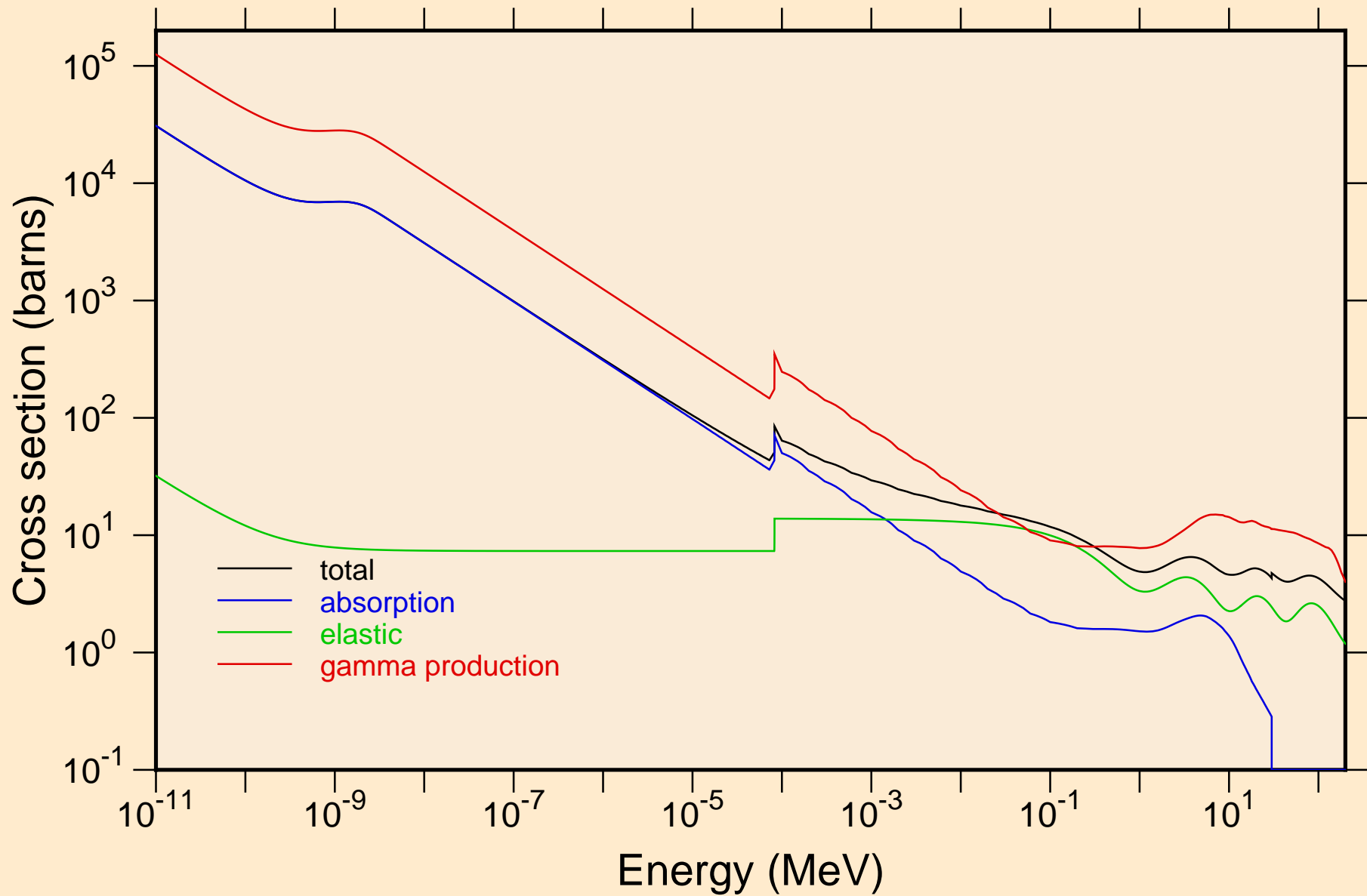


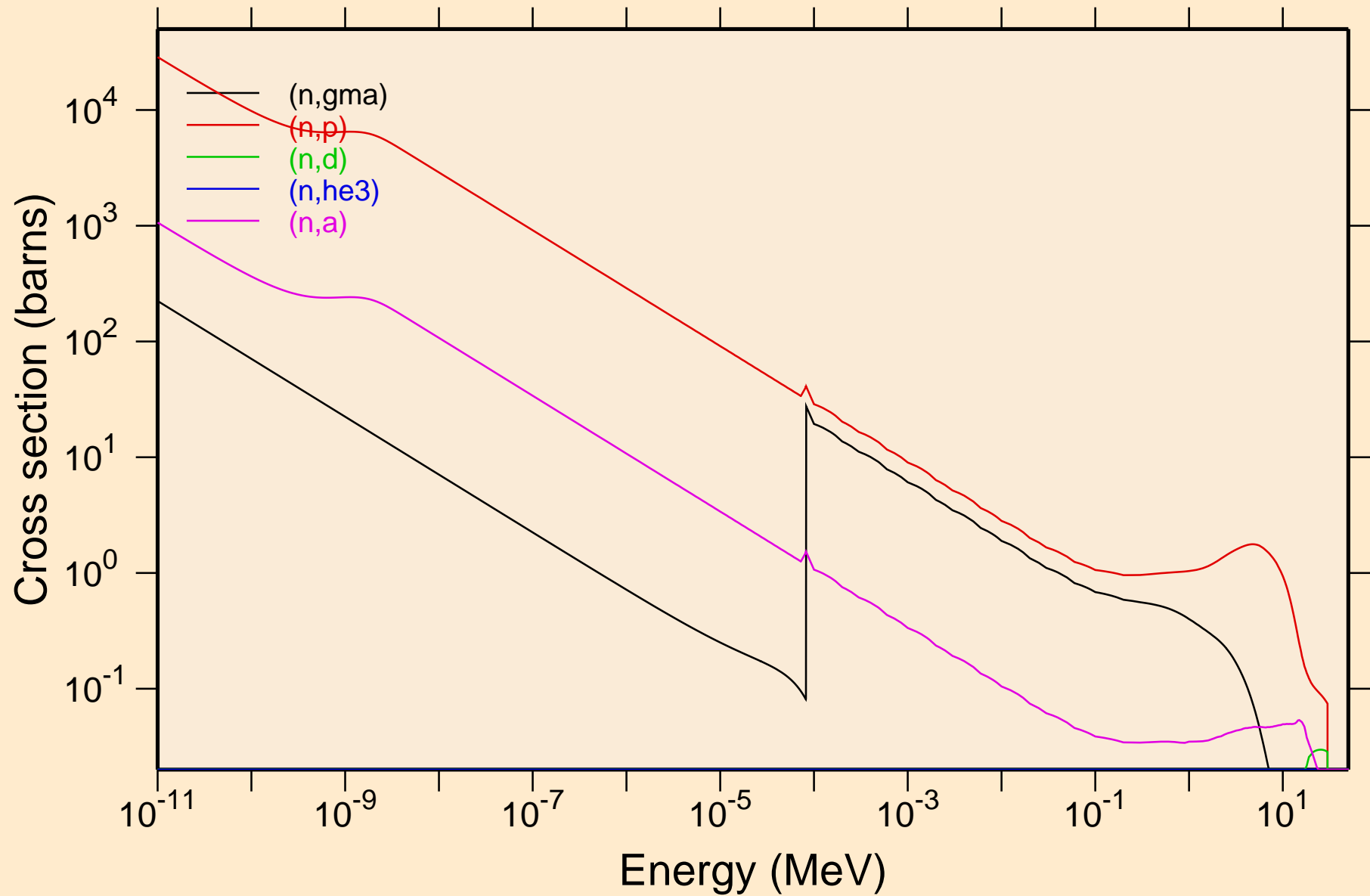
# TL182 NRG TENDL-2015, AKONING

## Principal cross sections



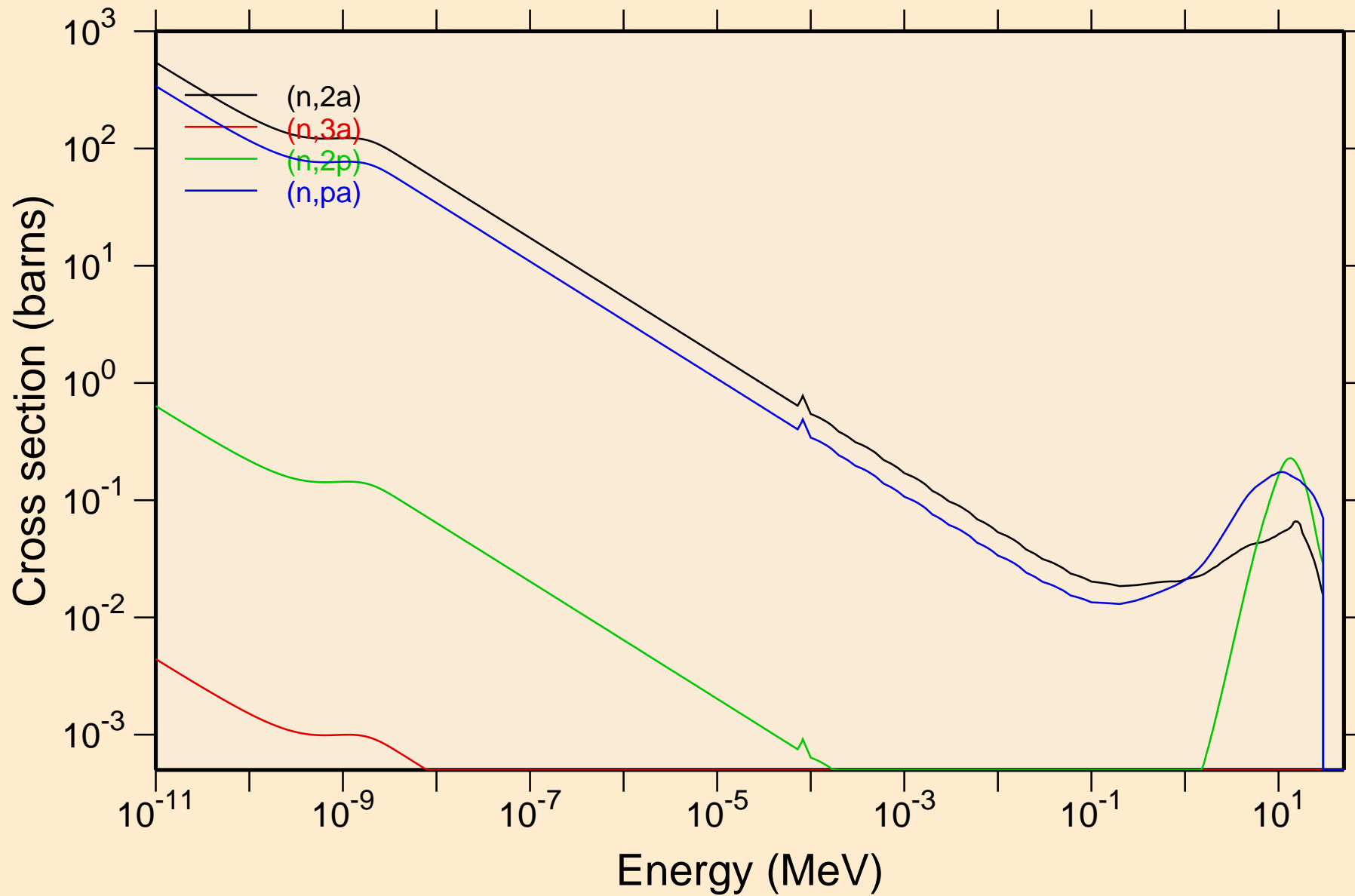
# TL182 NRG TENDL-2015, AKONING

## Non-threshold reactions



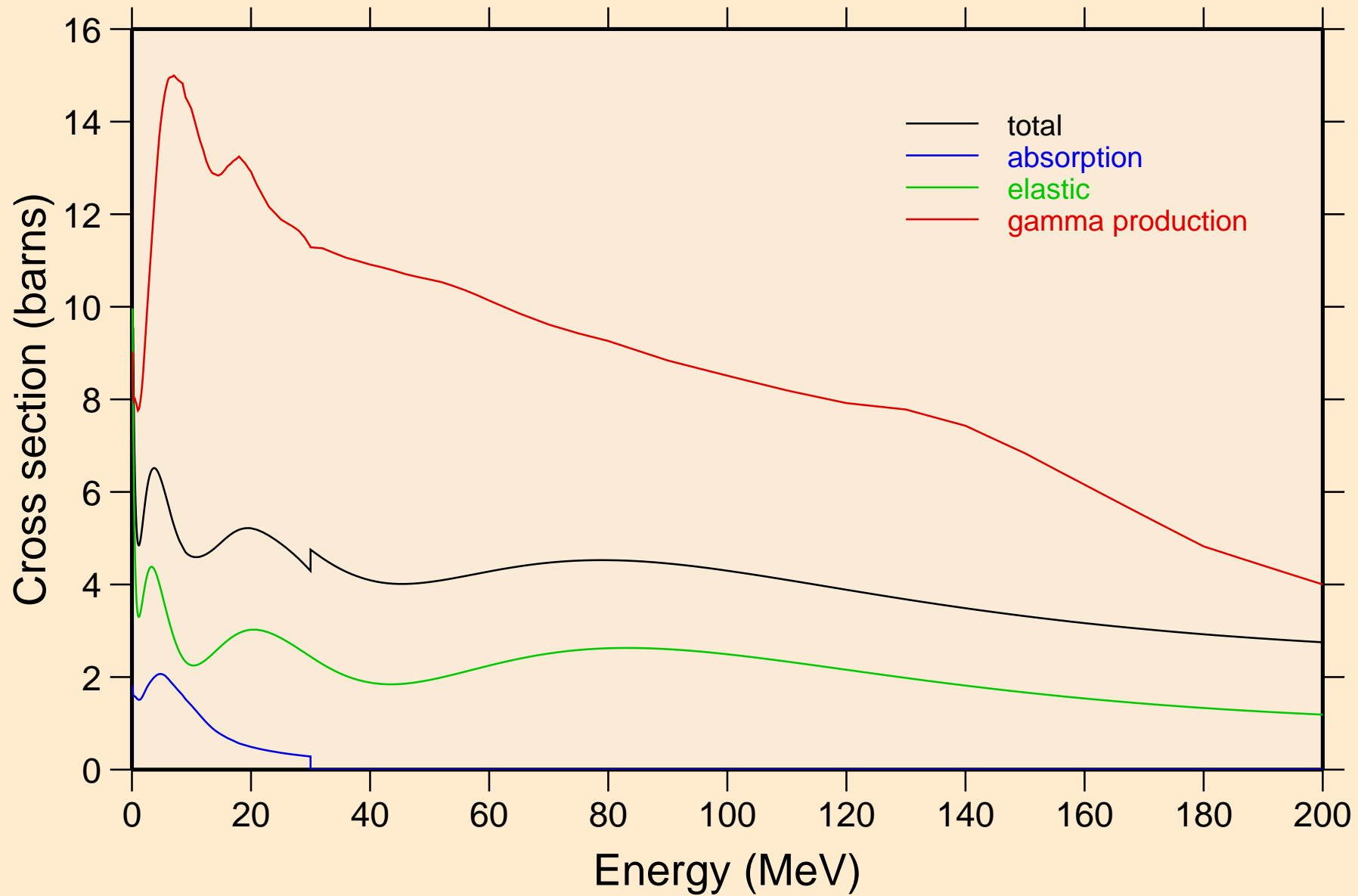
# TL182 NRG TENDL-2015, AKONING

## Non-threshold reactions



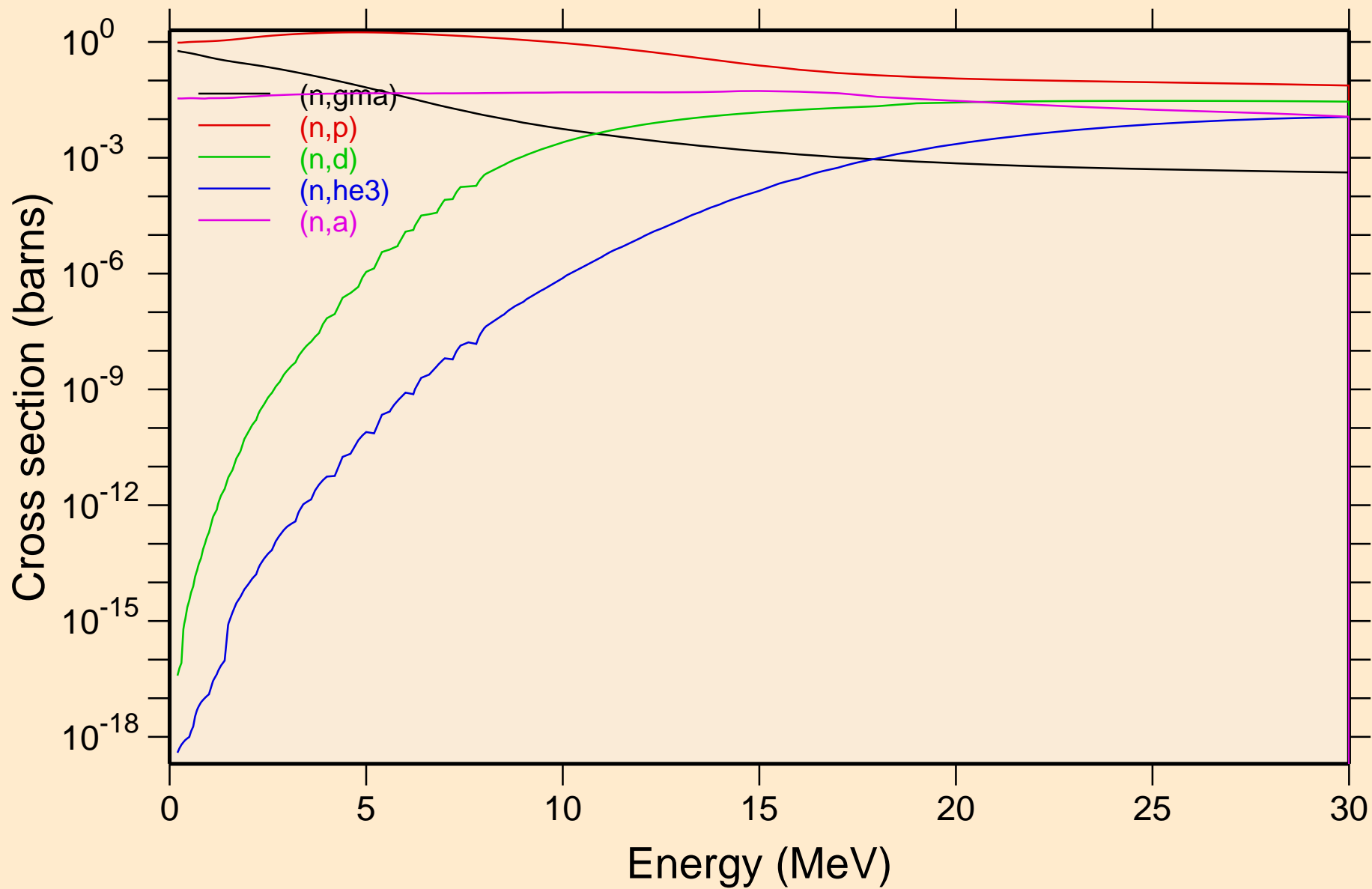
# TL182 NRG TENDL-2015, AKONING

## Principal cross sections



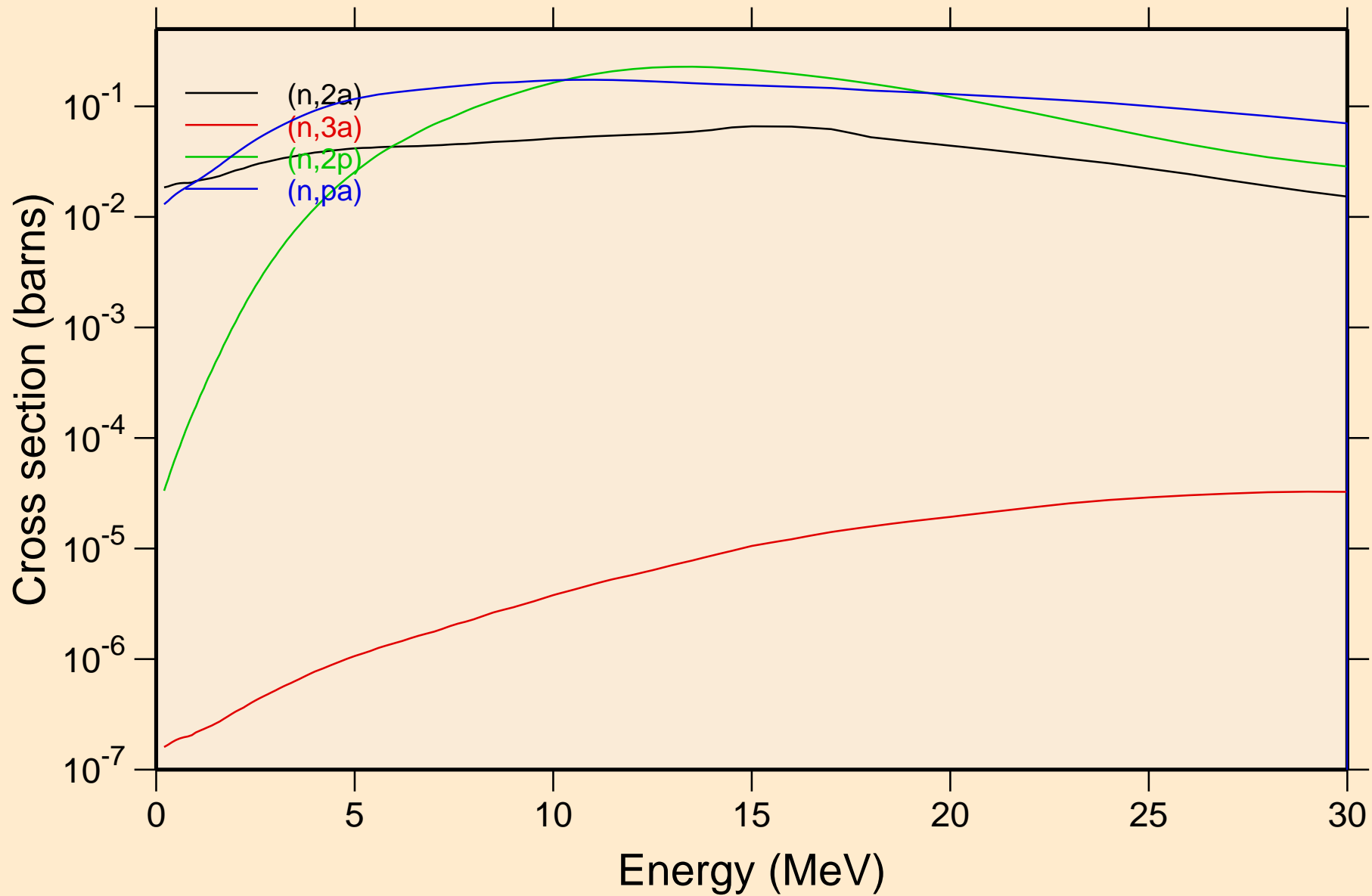
# TL182 NRG TENDL-2015, AKONING

## Non-threshold reactions

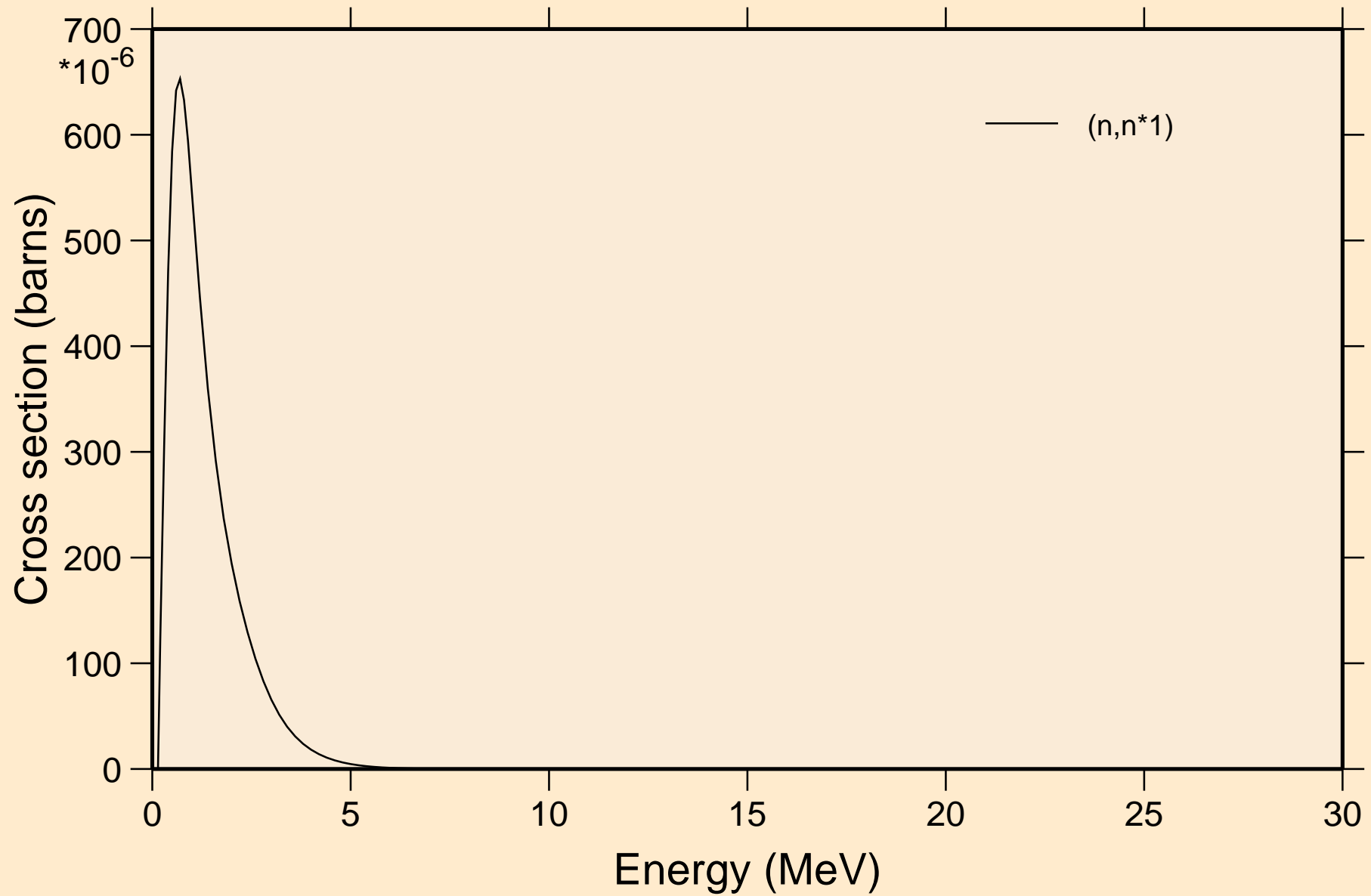


# TL182 NRG TENDL-2015, AKONING

## Non-threshold reactions

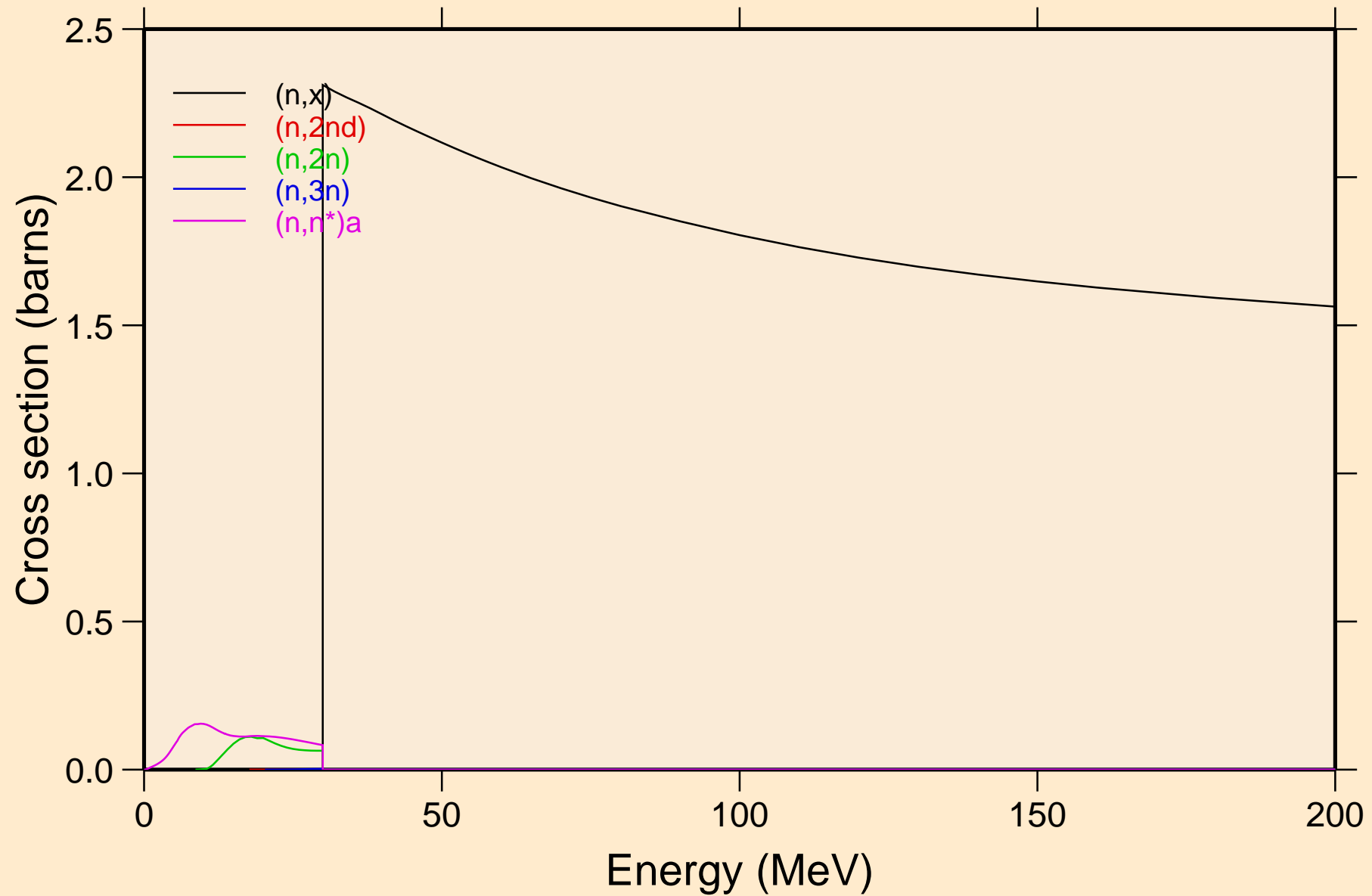


TL182 NRG TENDL-2015, AKONING  
Inelastic levels



# TL182 NRG TENDL-2015, AKONING

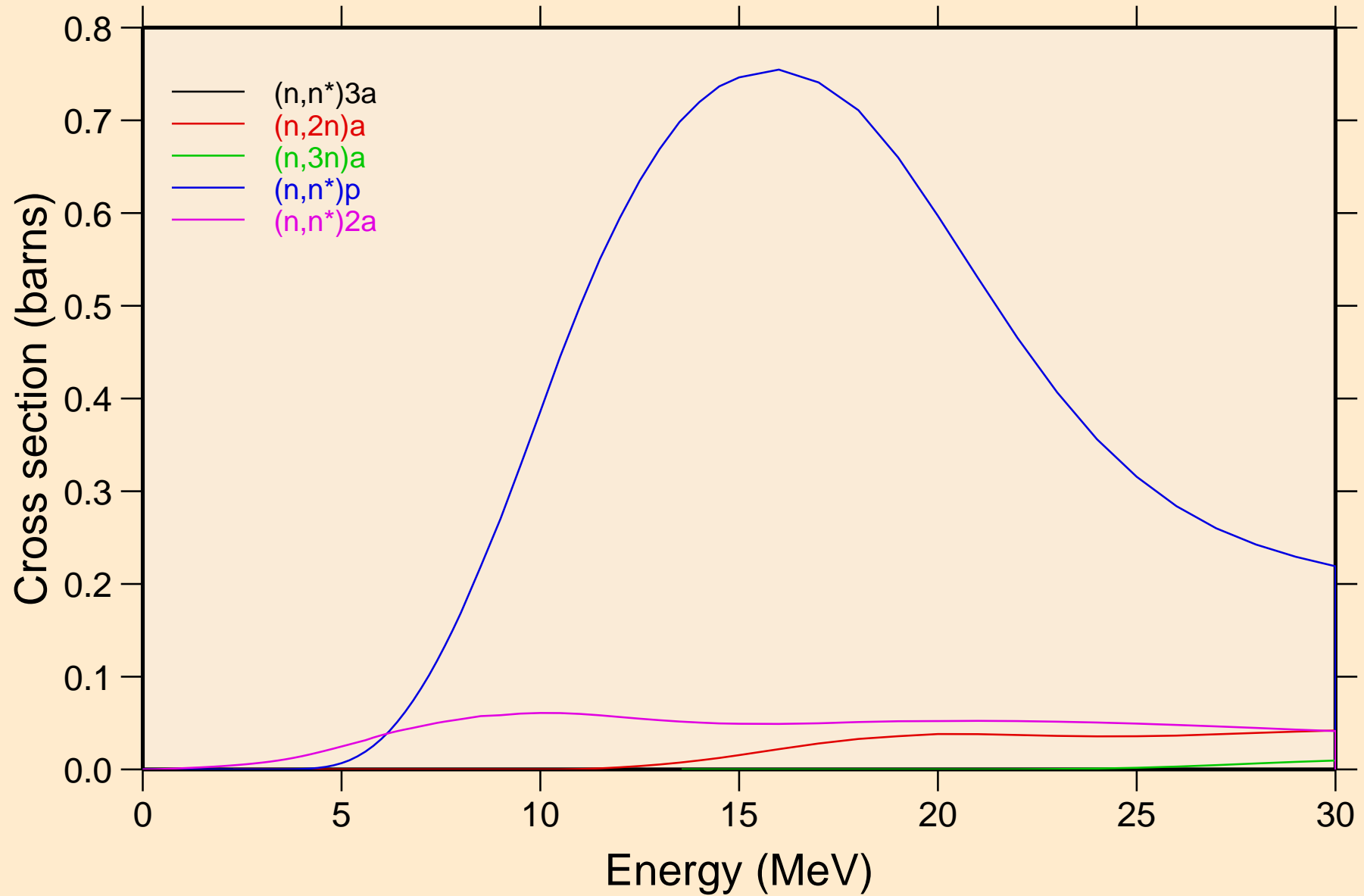
## Threshold reactions





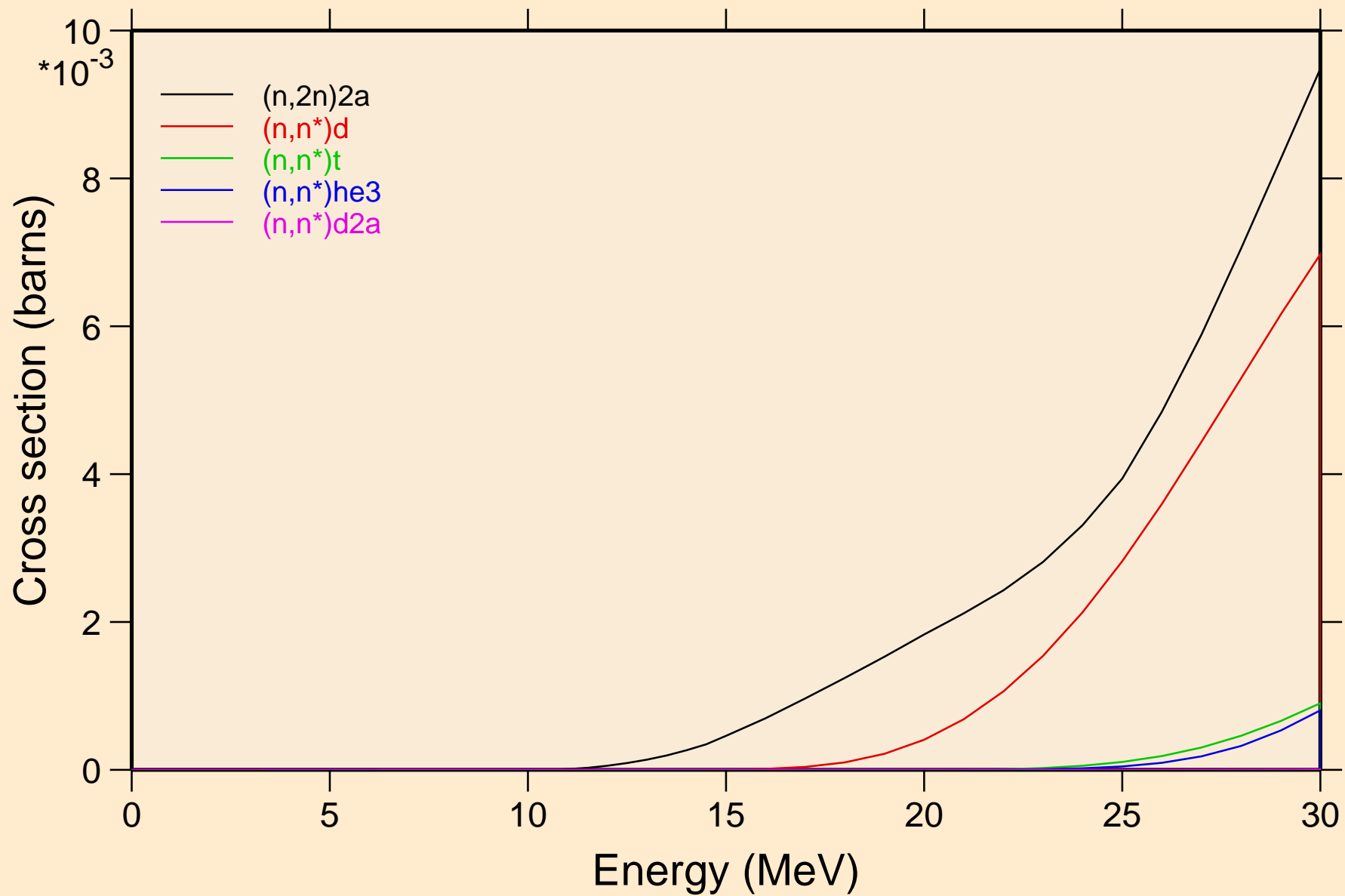
# TL182 NRG TENDL-2015, AKONING

## Threshold reactions



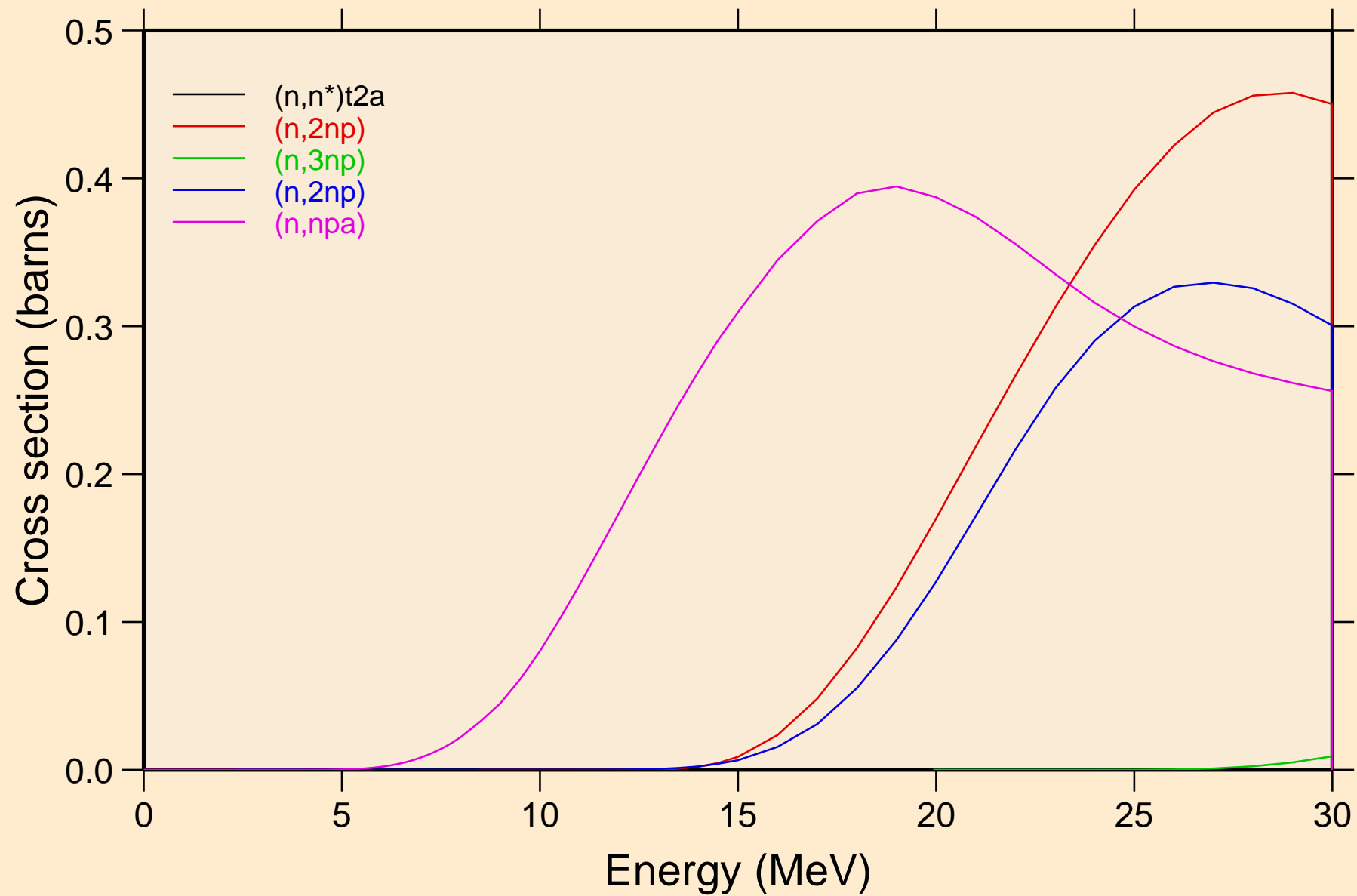
# TL182 NRG TENDL-2015, AKONING

## Threshold reactions



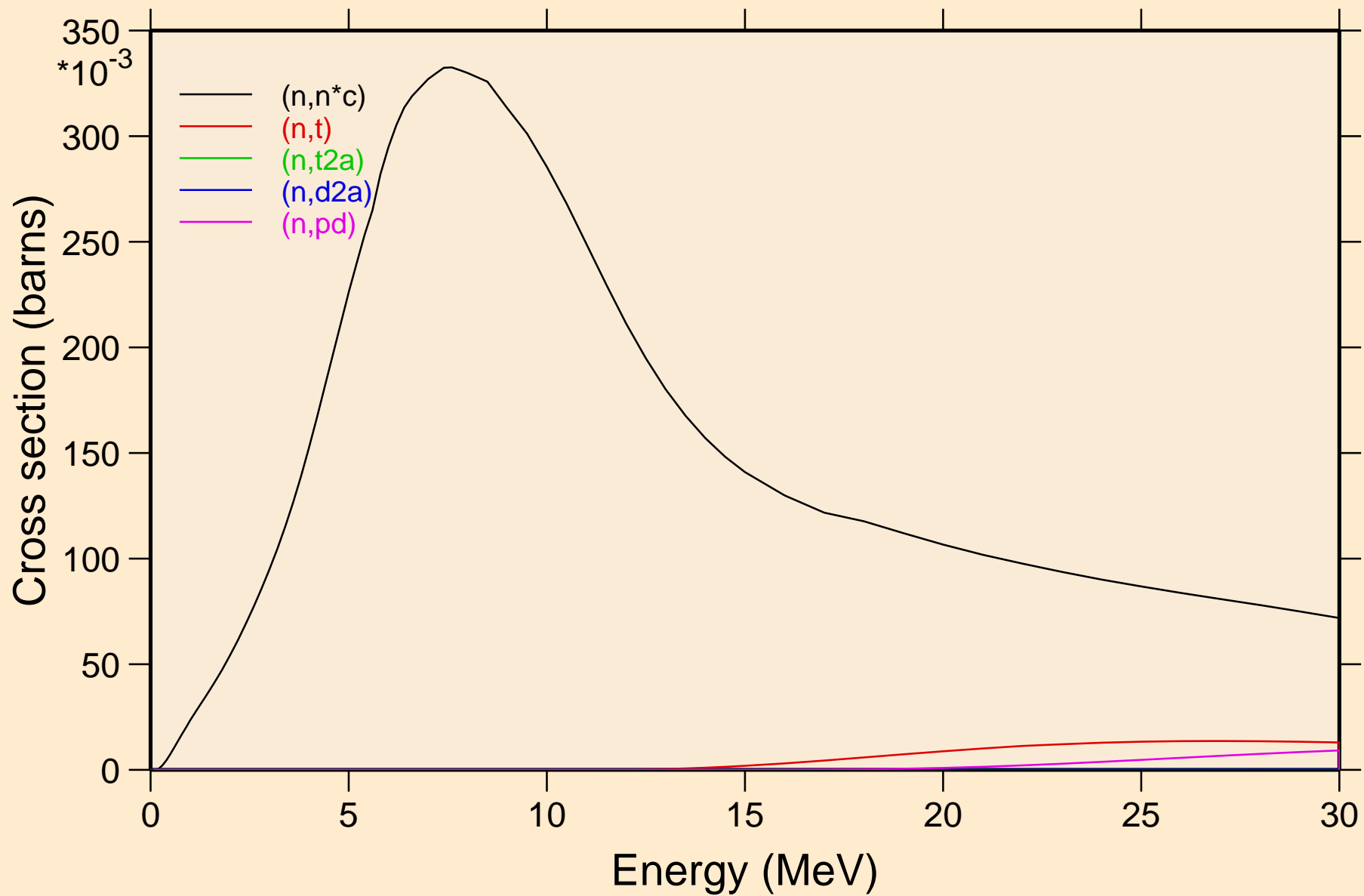
# TL182 NRG TENDL-2015, AKONING

## Threshold reactions



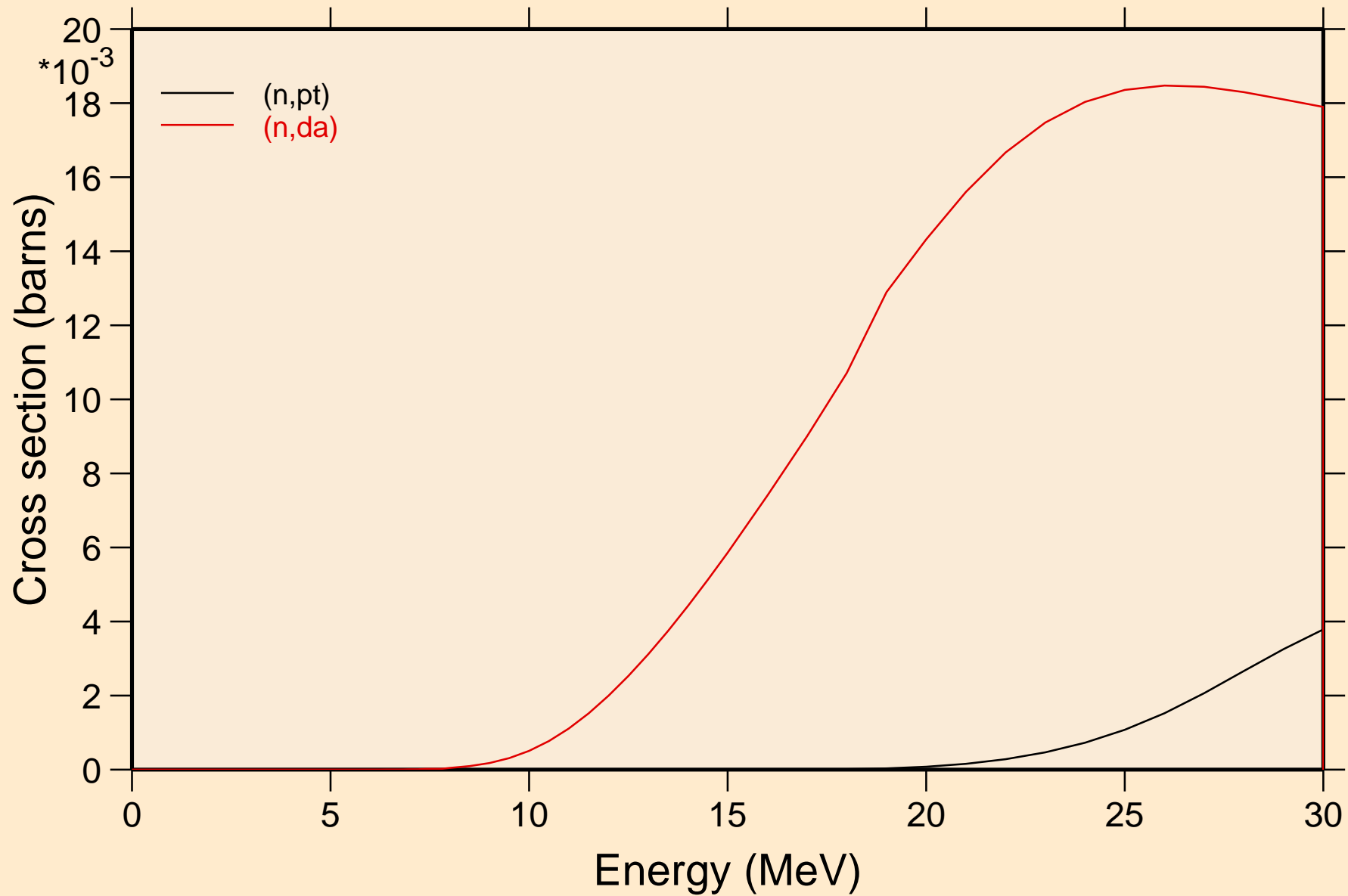
# TL182 NRG TENDL-2015, AKONING

## Threshold reactions

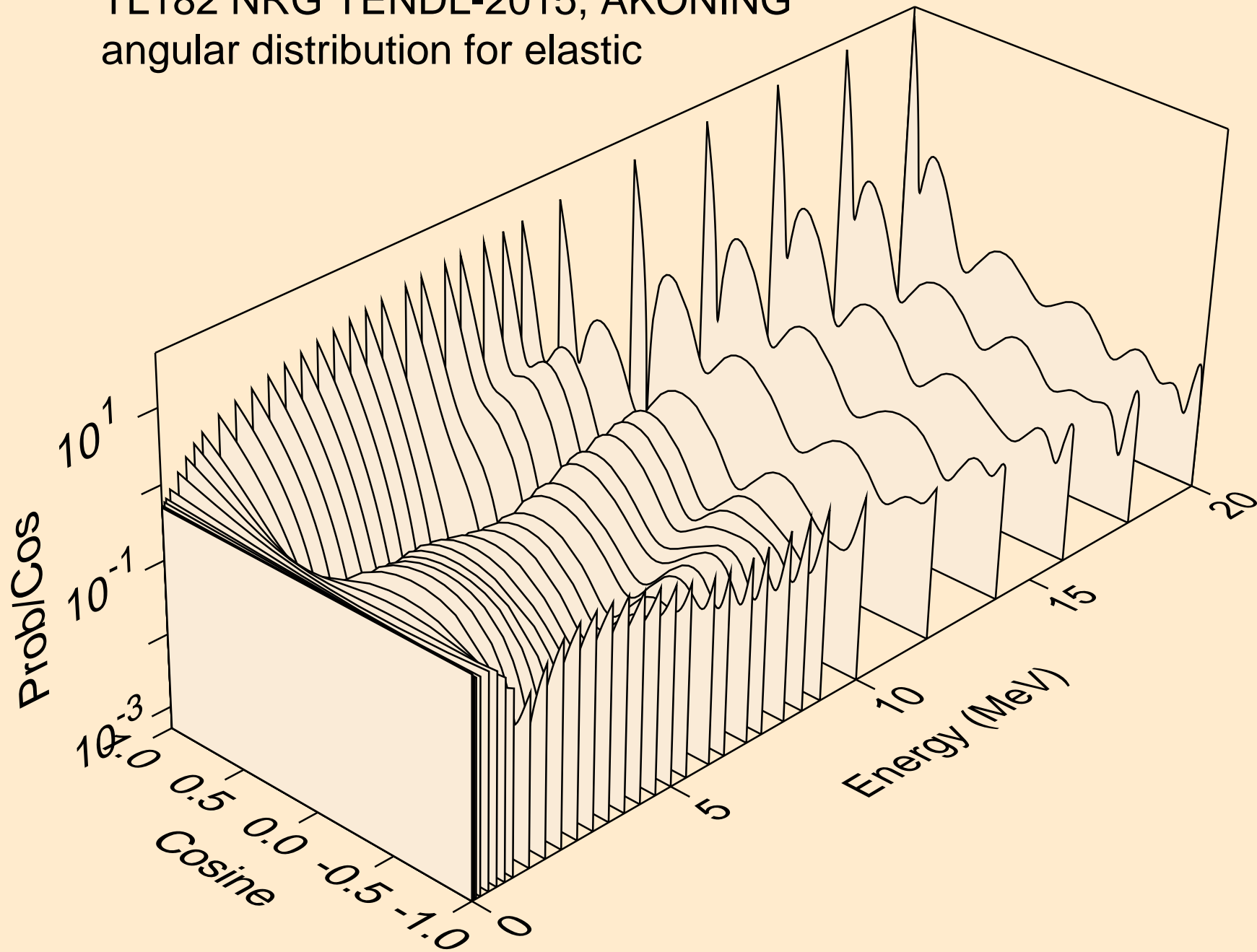


# TL182 NRG TENDL-2015, AKONING

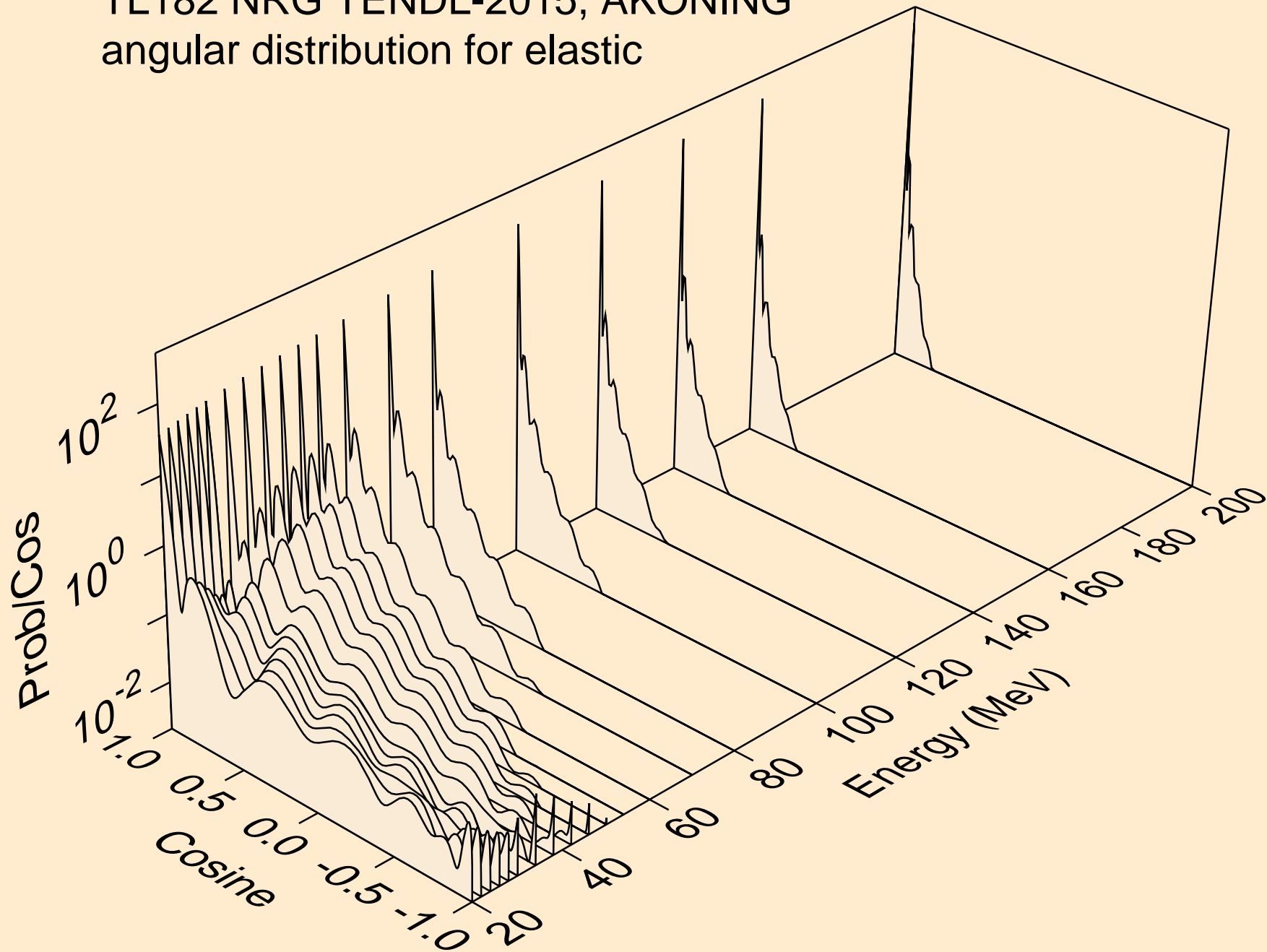
## Threshold reactions



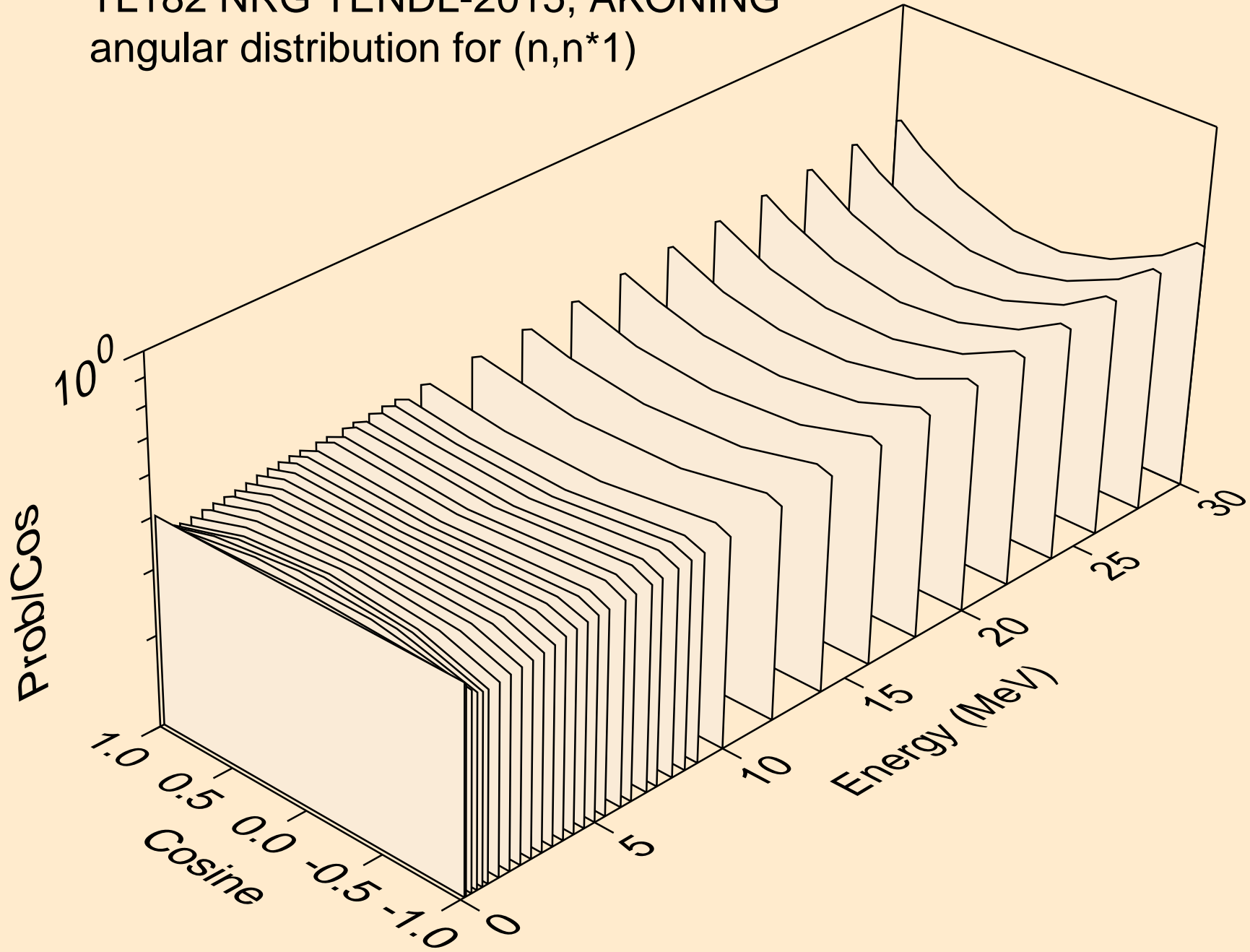
TL182 NRG TENDL-2015, AKONING  
angular distribution for elastic



TL182 NRG TENDL-2015, AKONING  
angular distribution for elastic

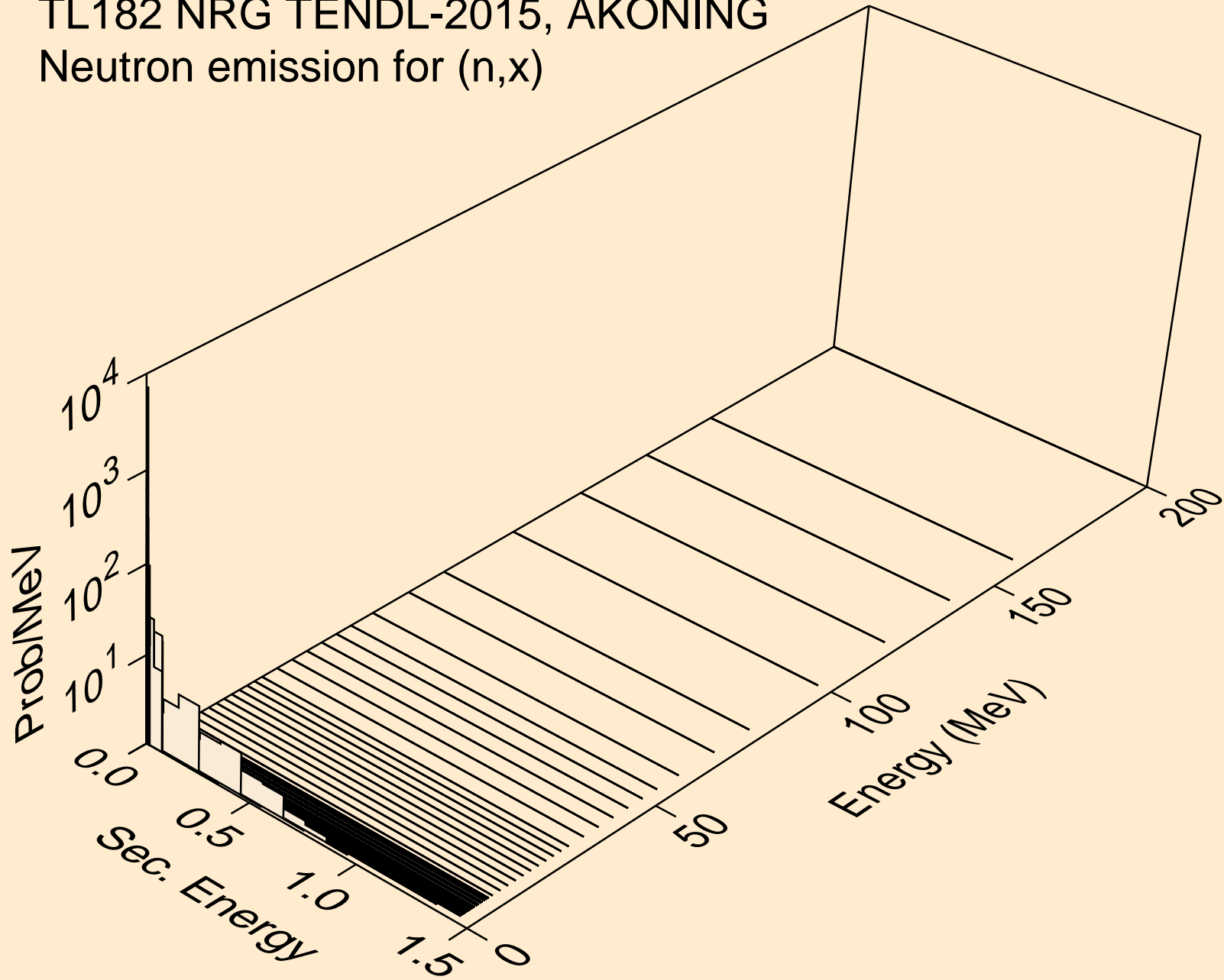


TL182 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

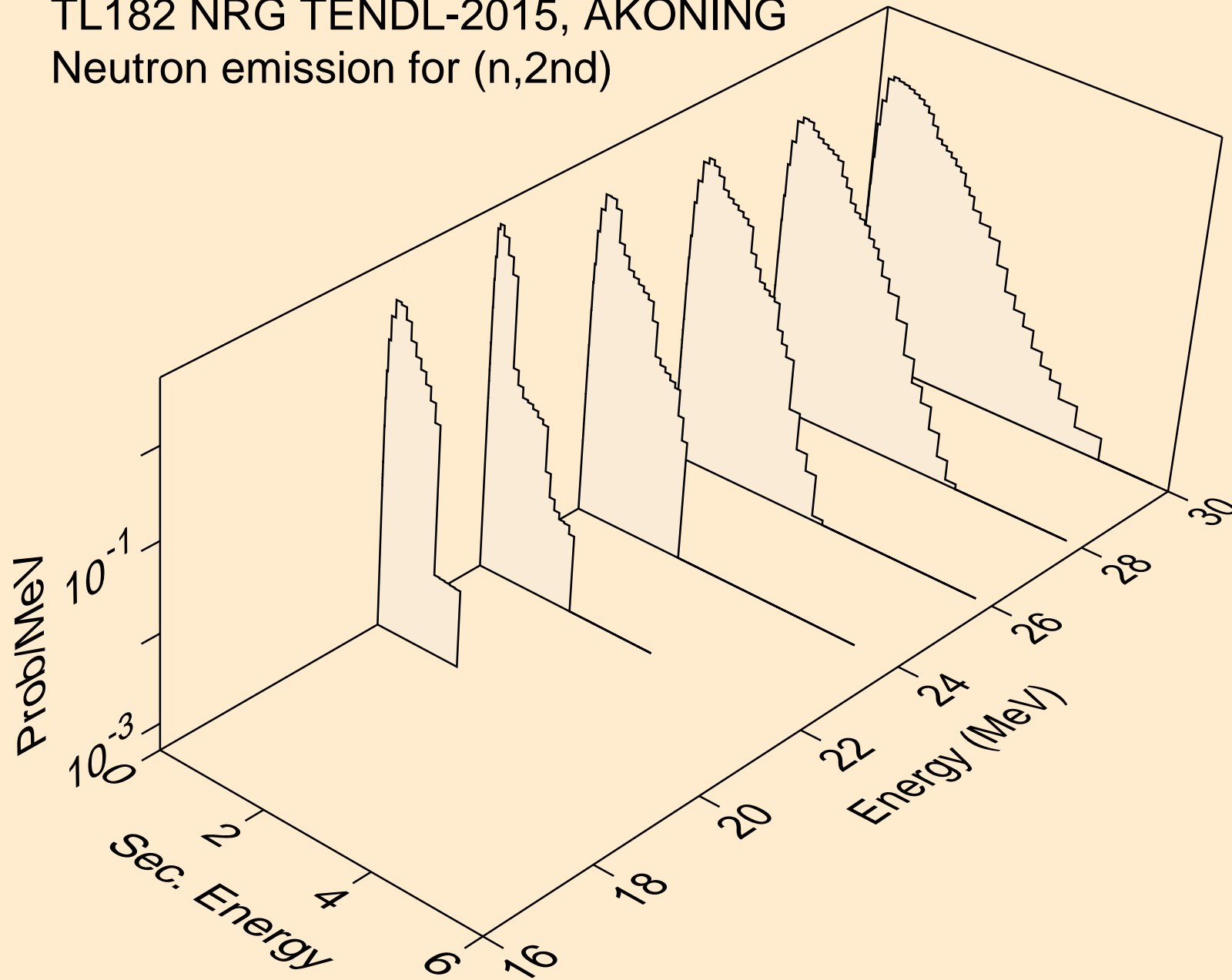




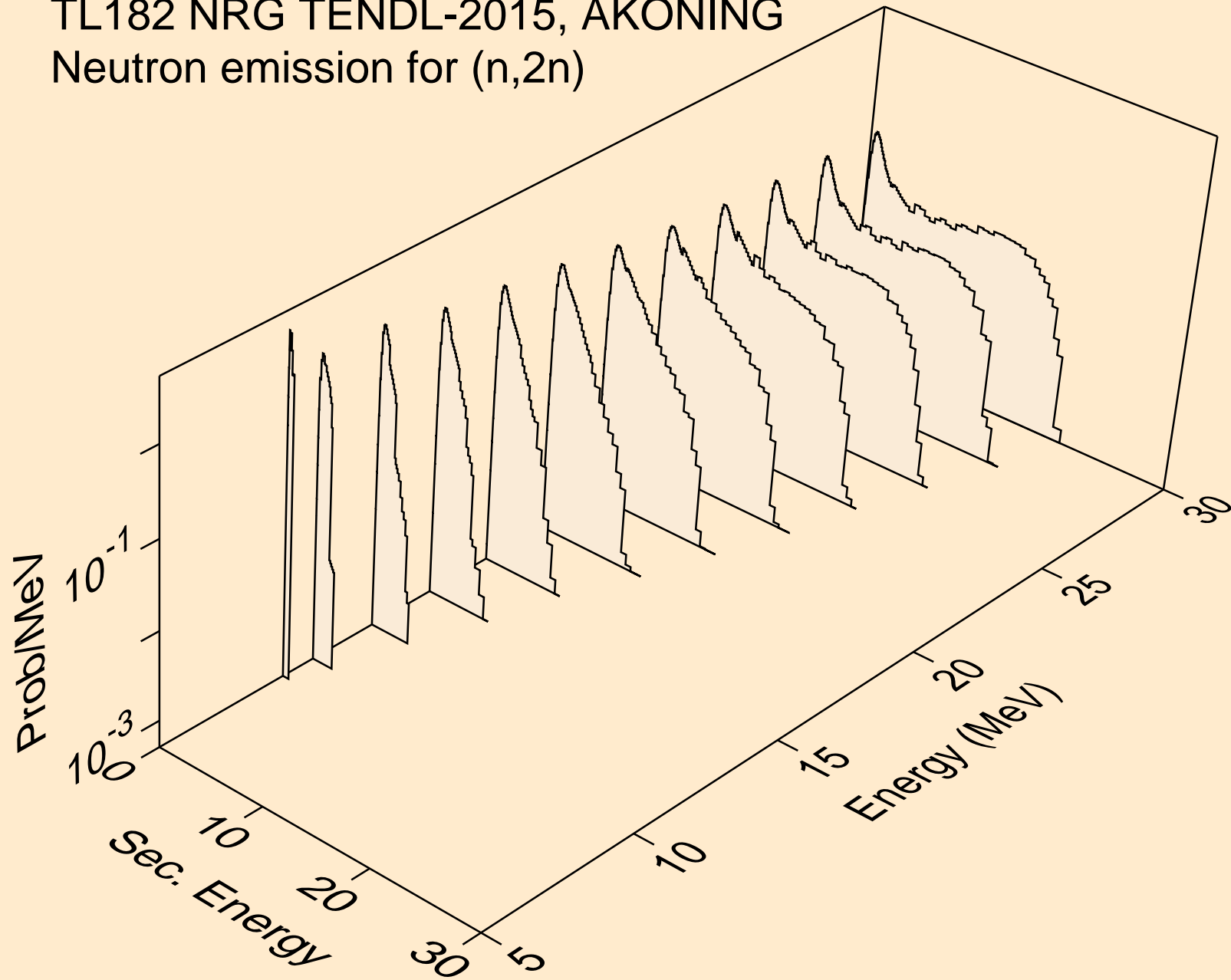
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



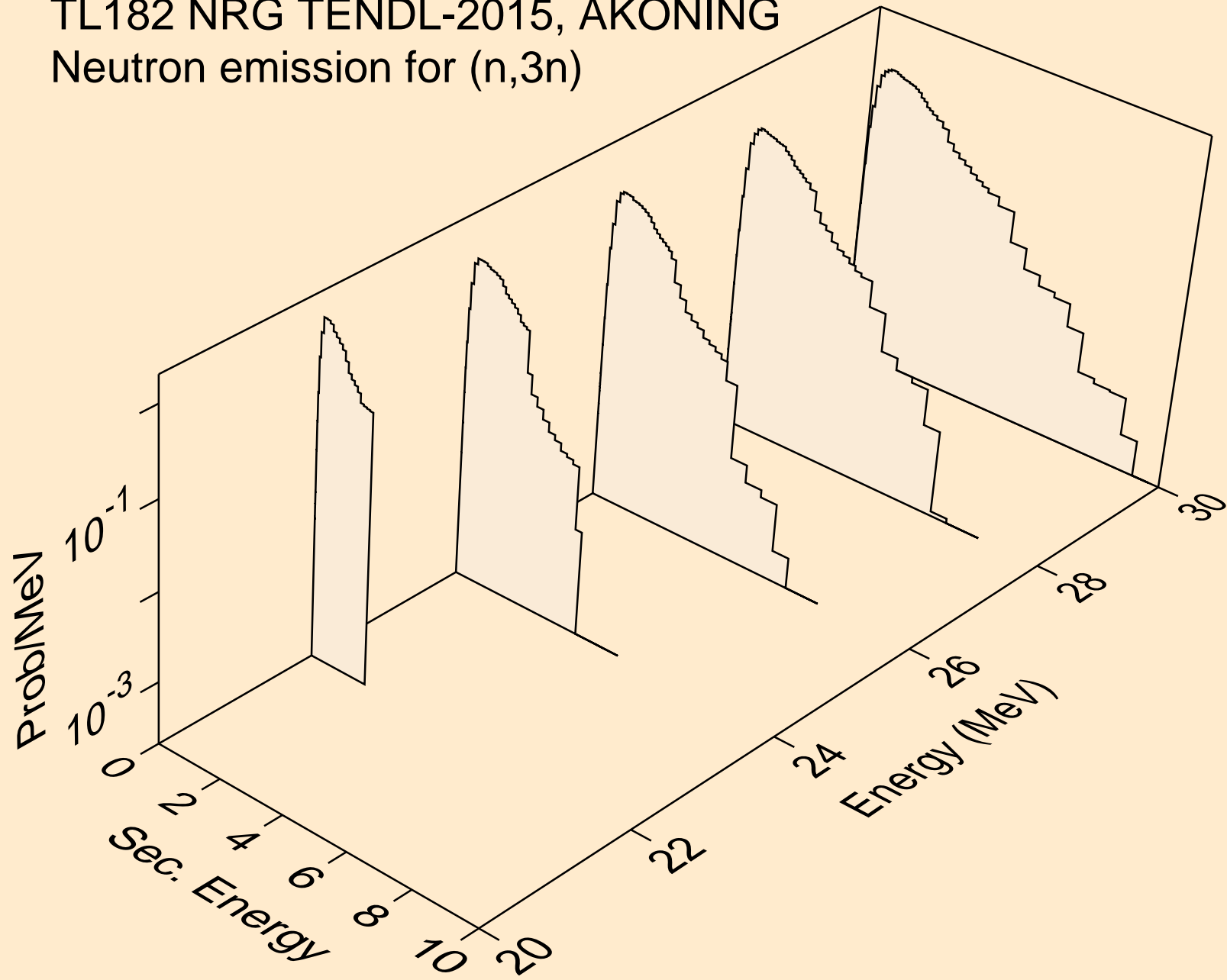
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



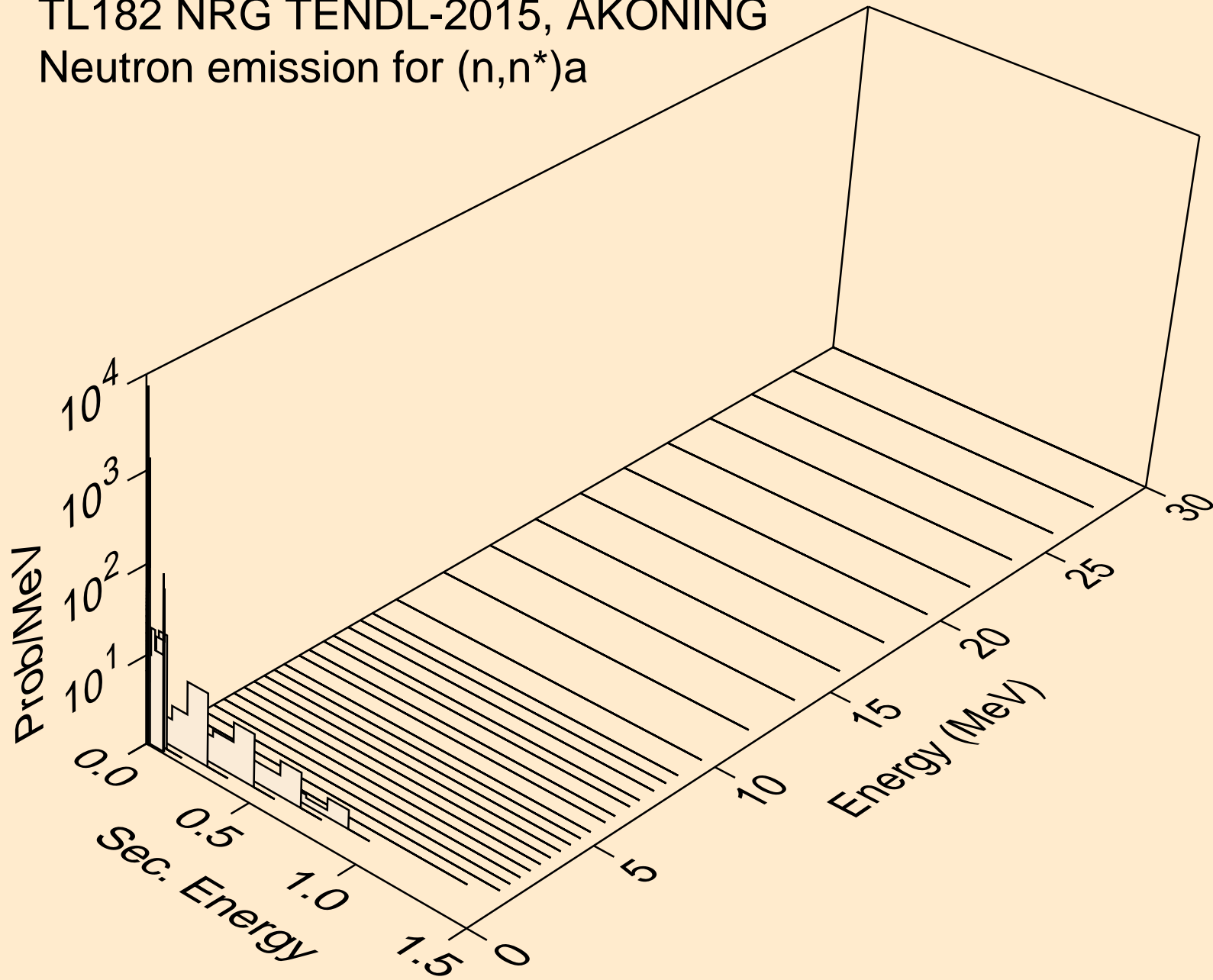
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



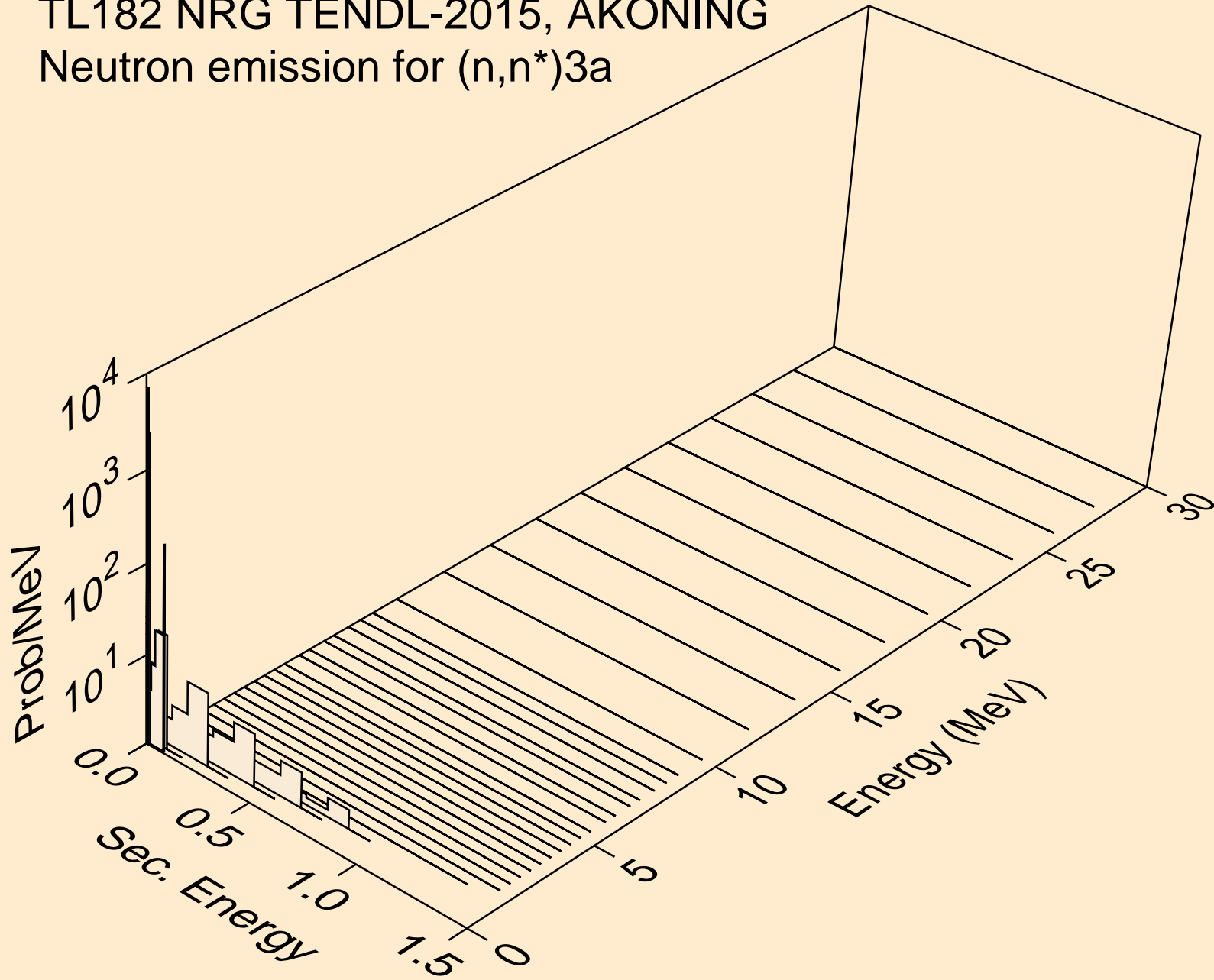
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



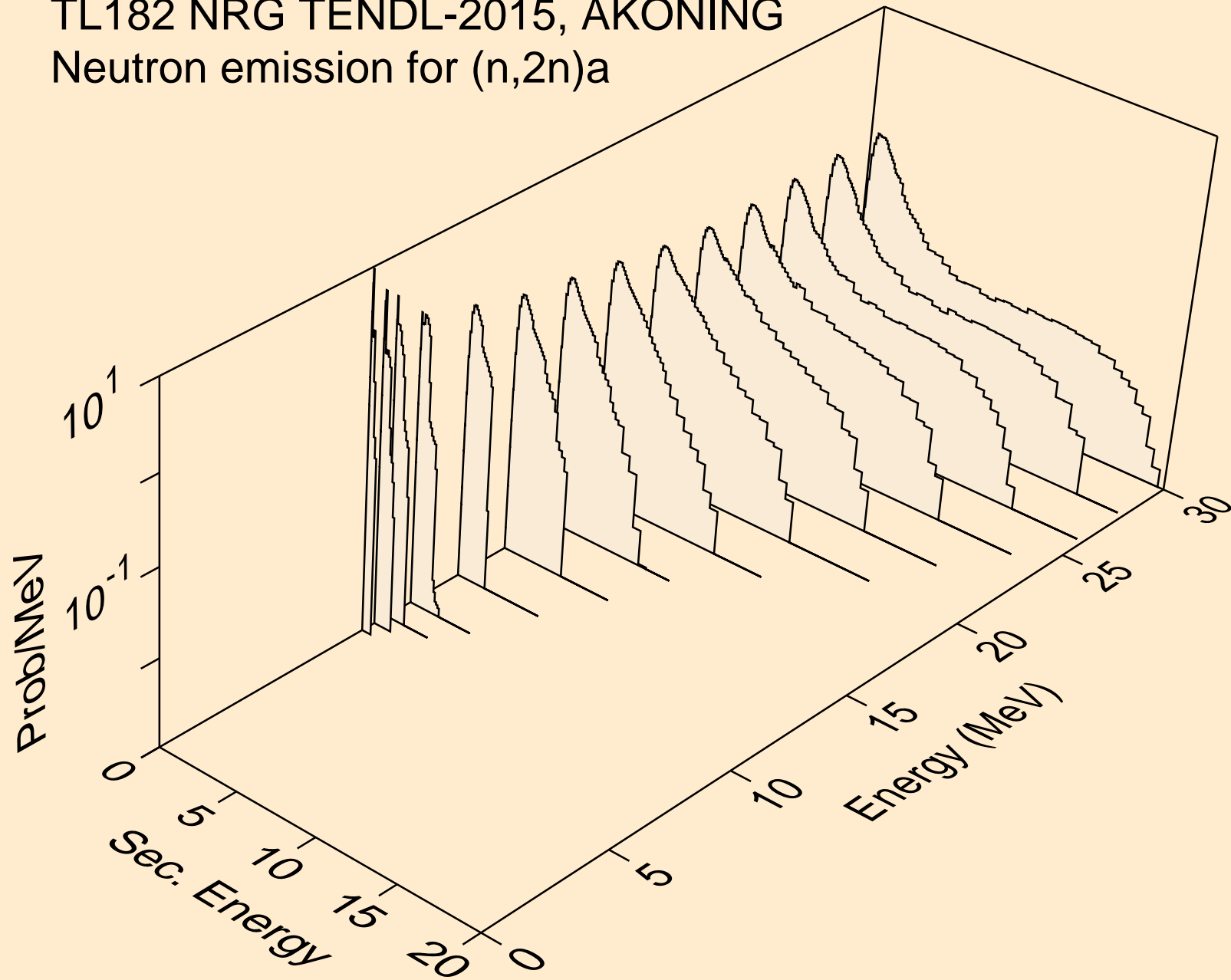
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



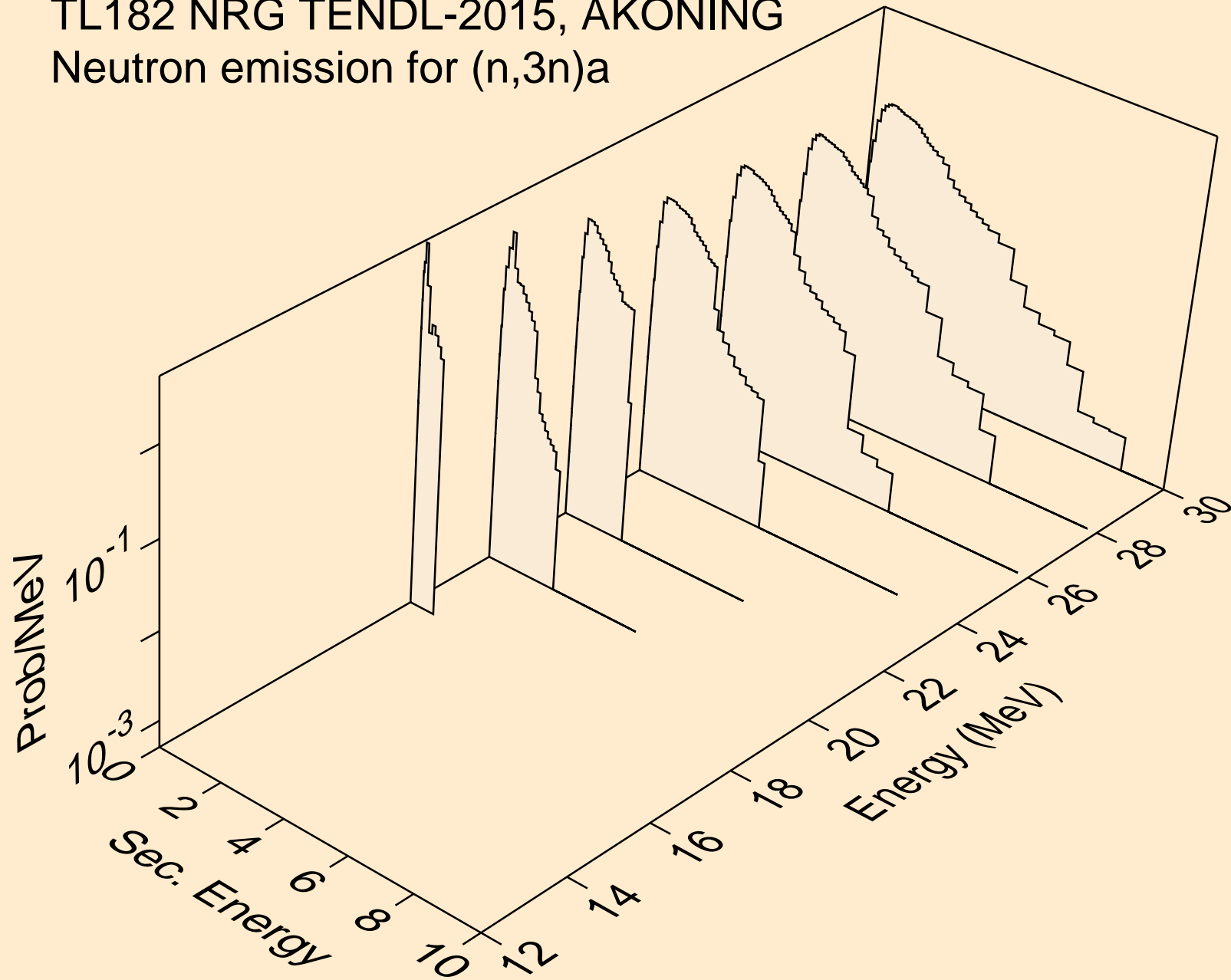
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

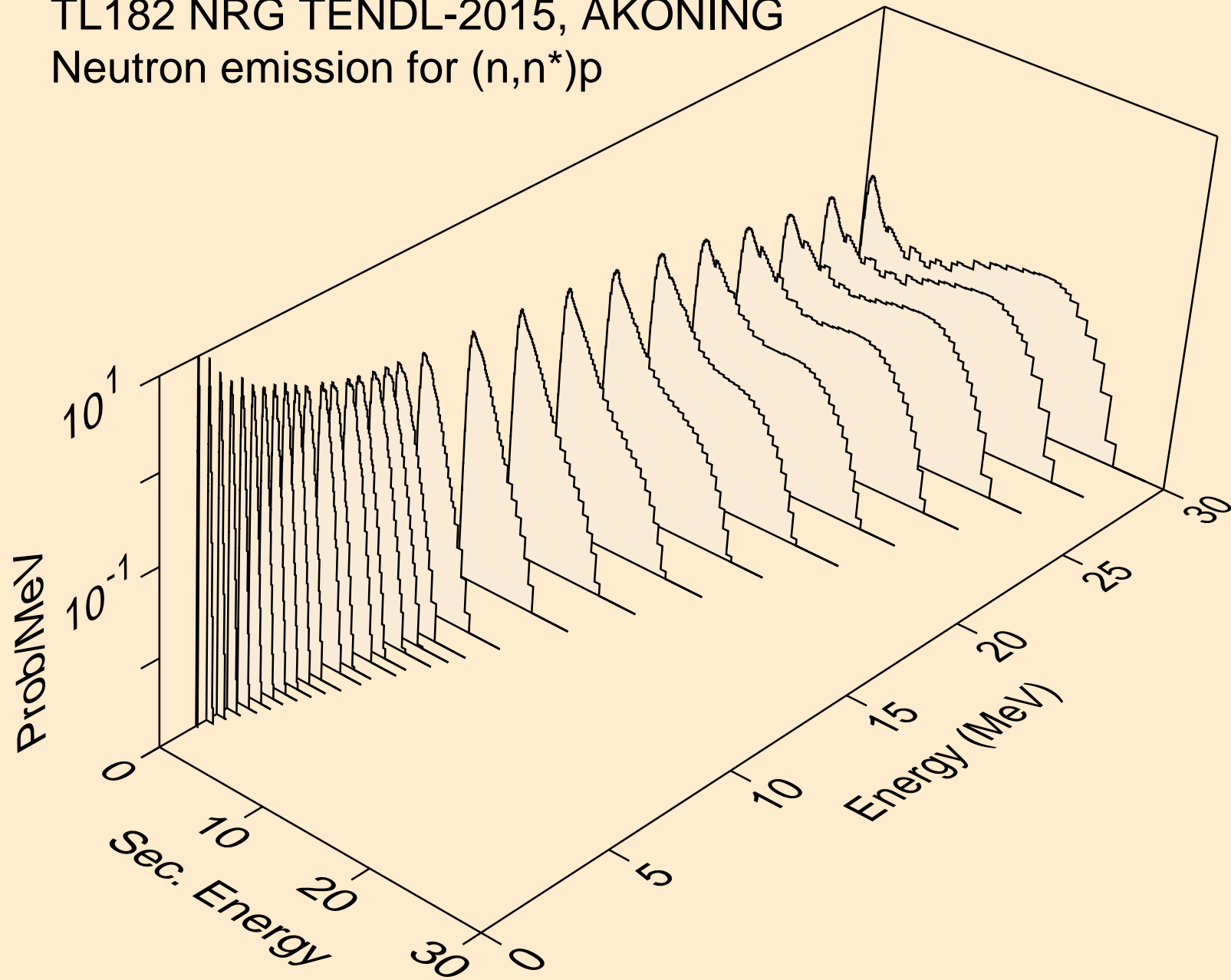


TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

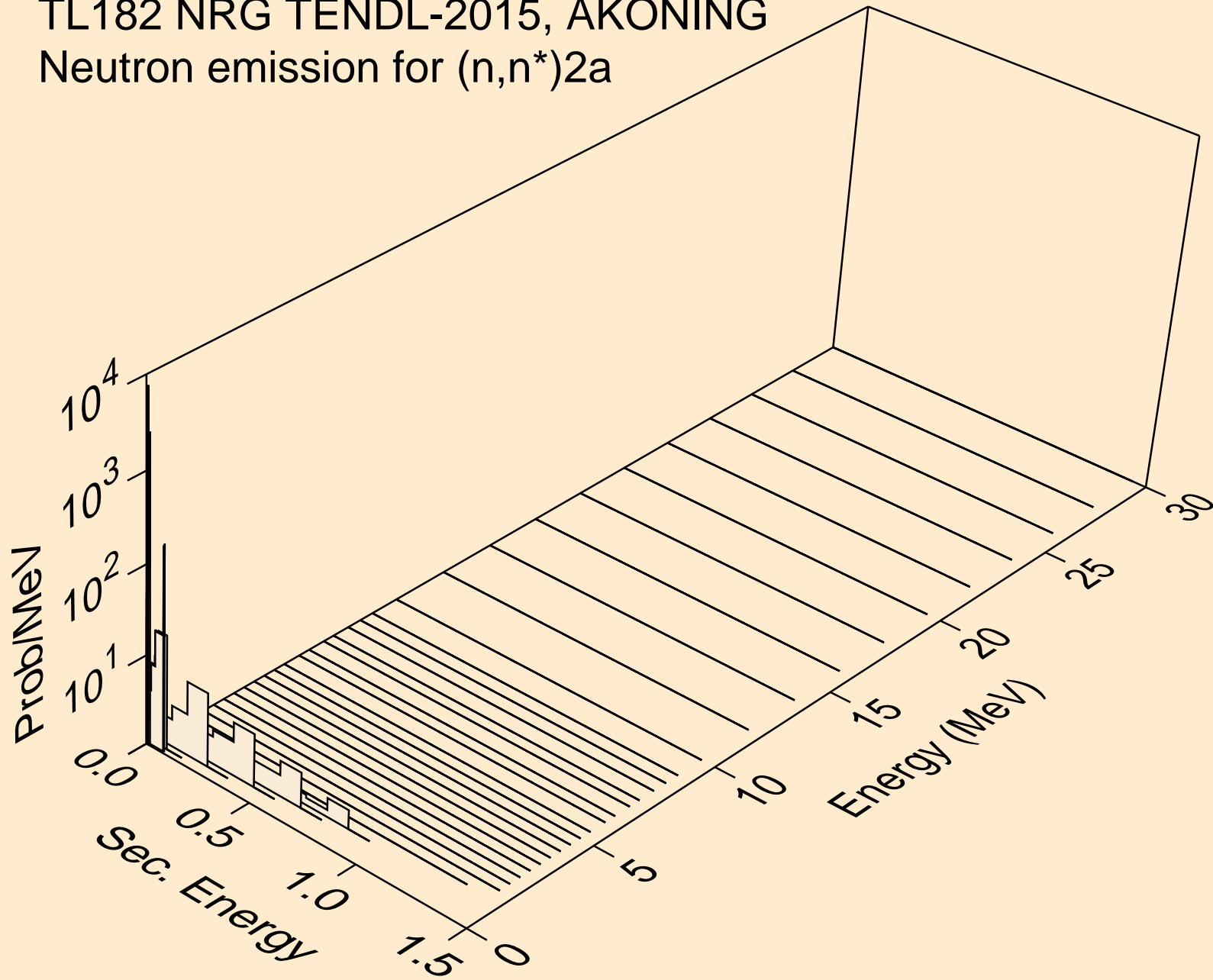




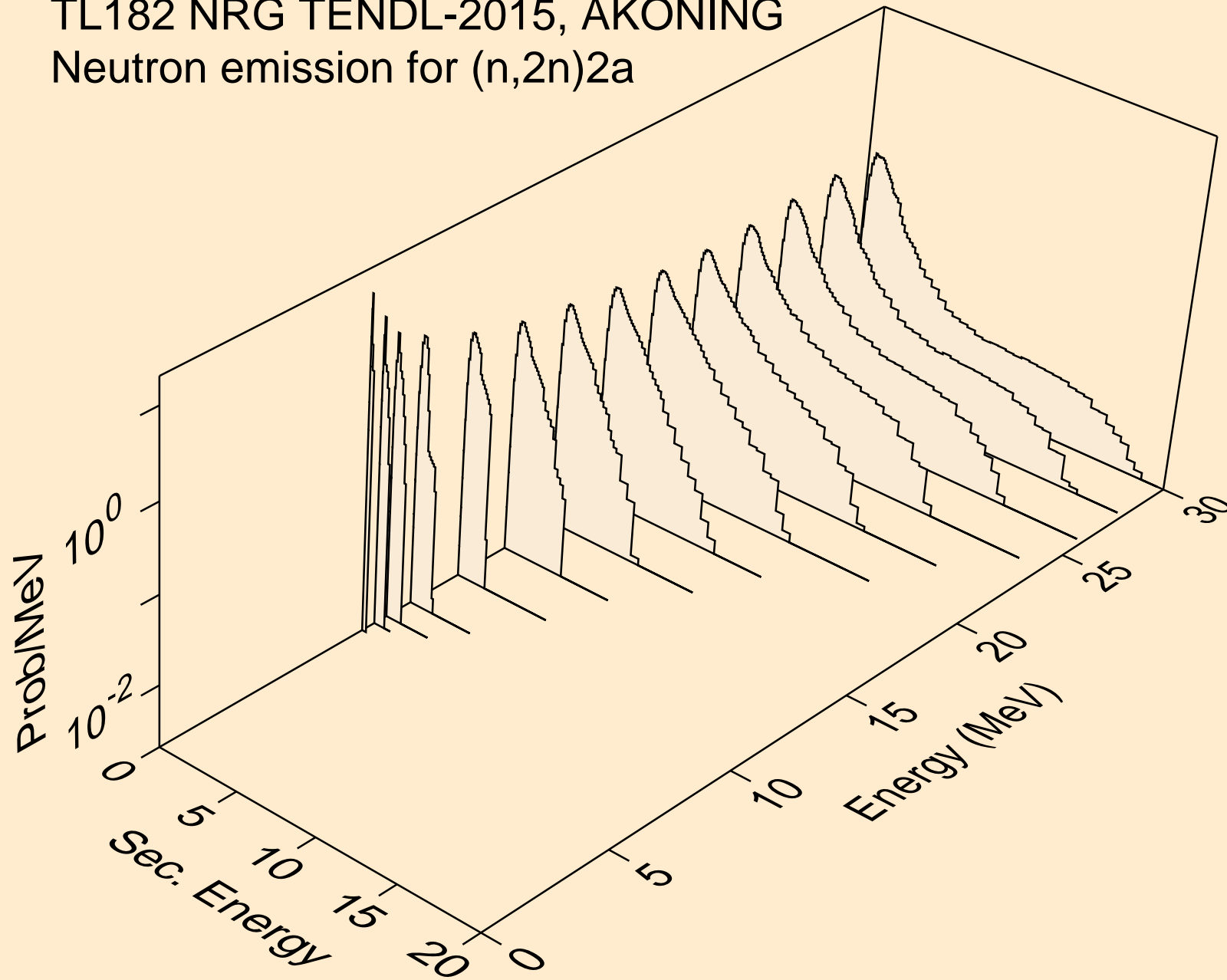
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



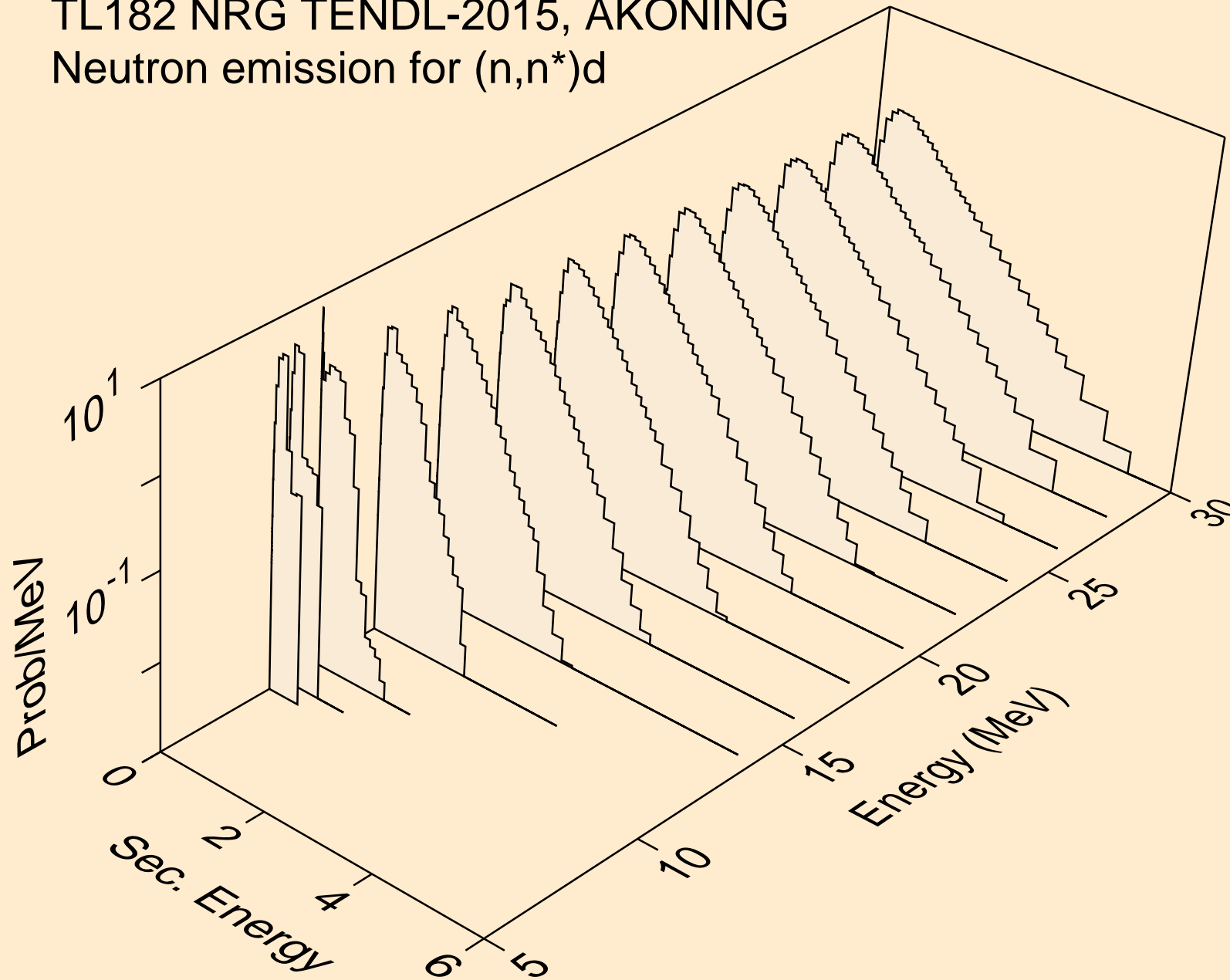
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



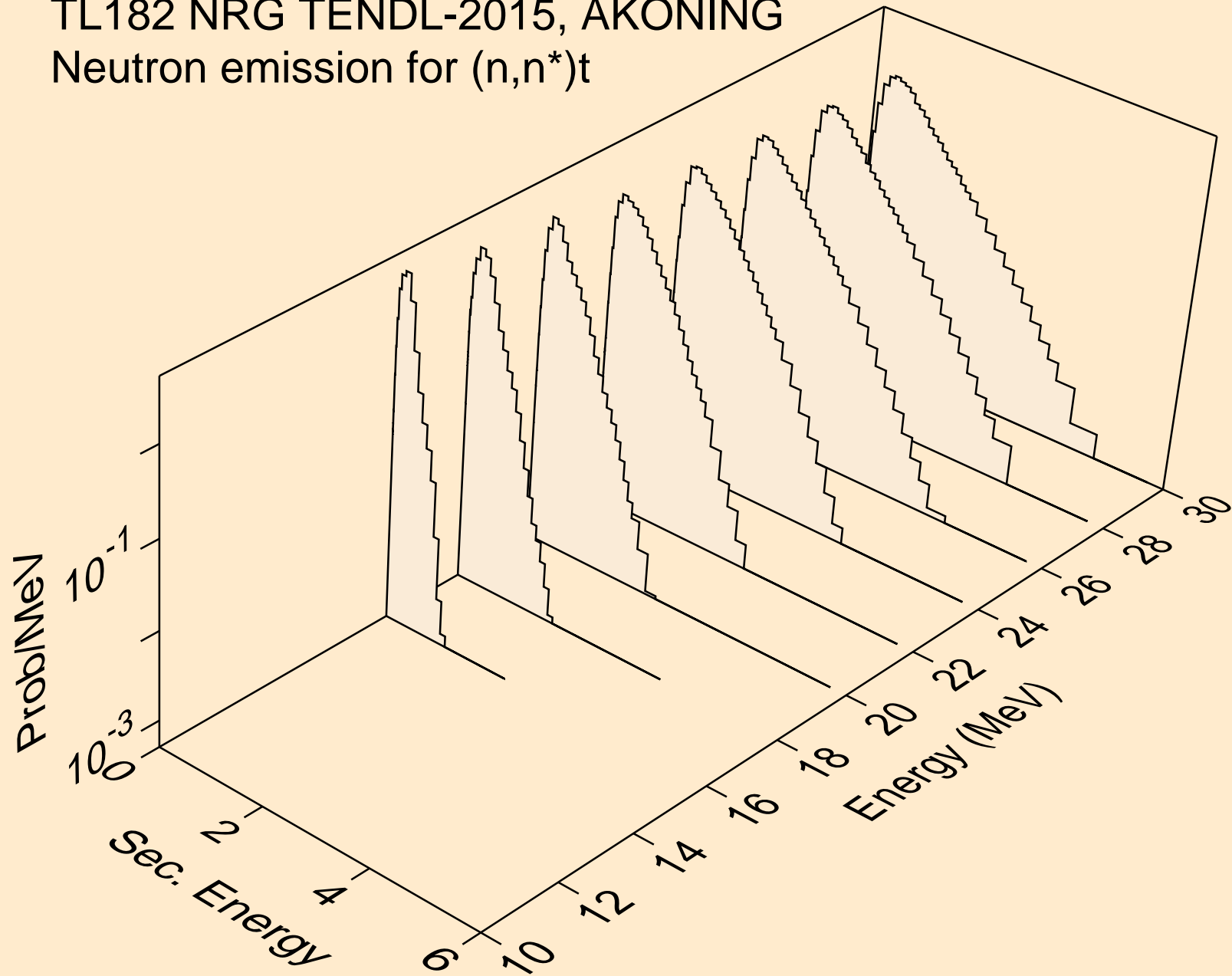
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



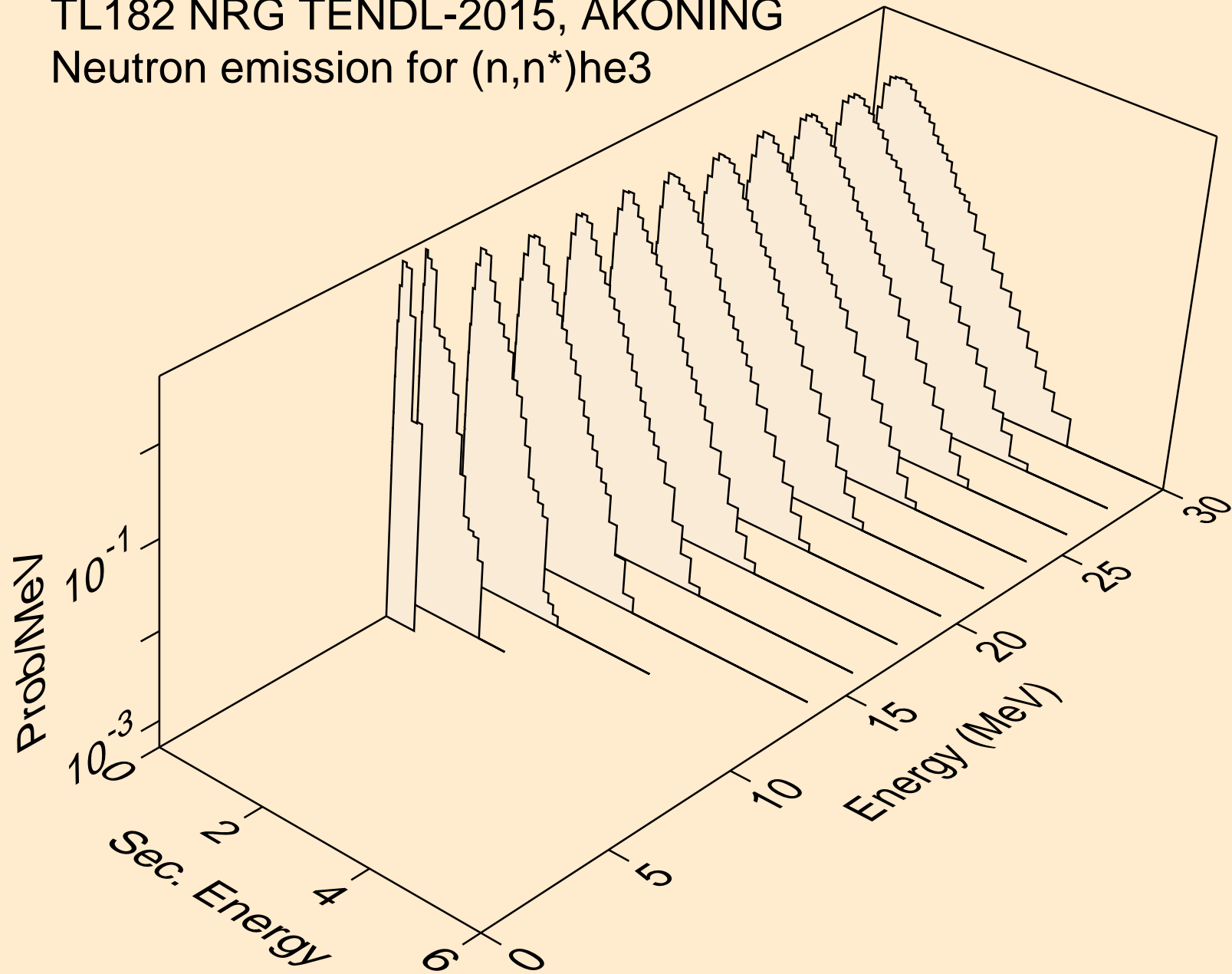
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



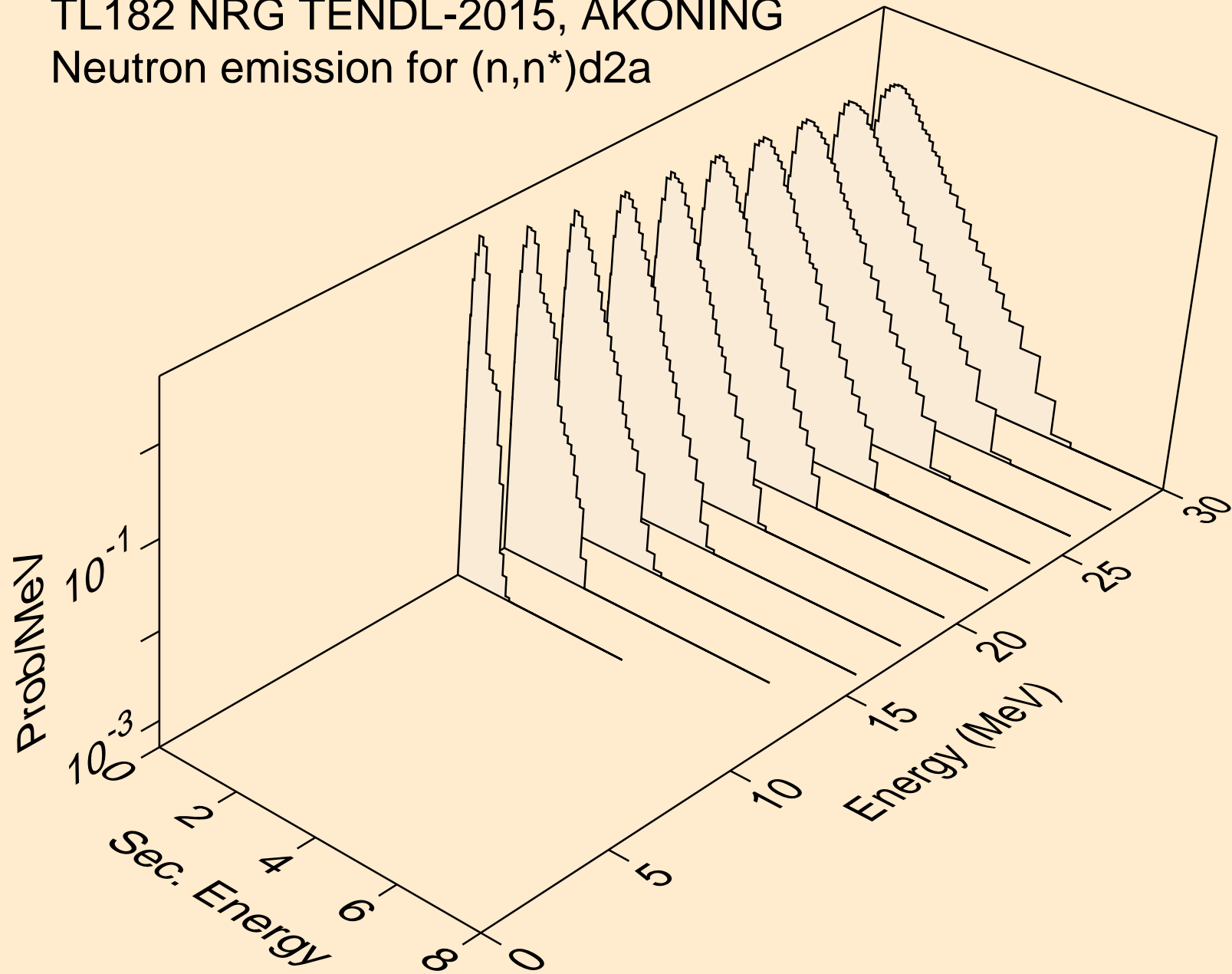
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



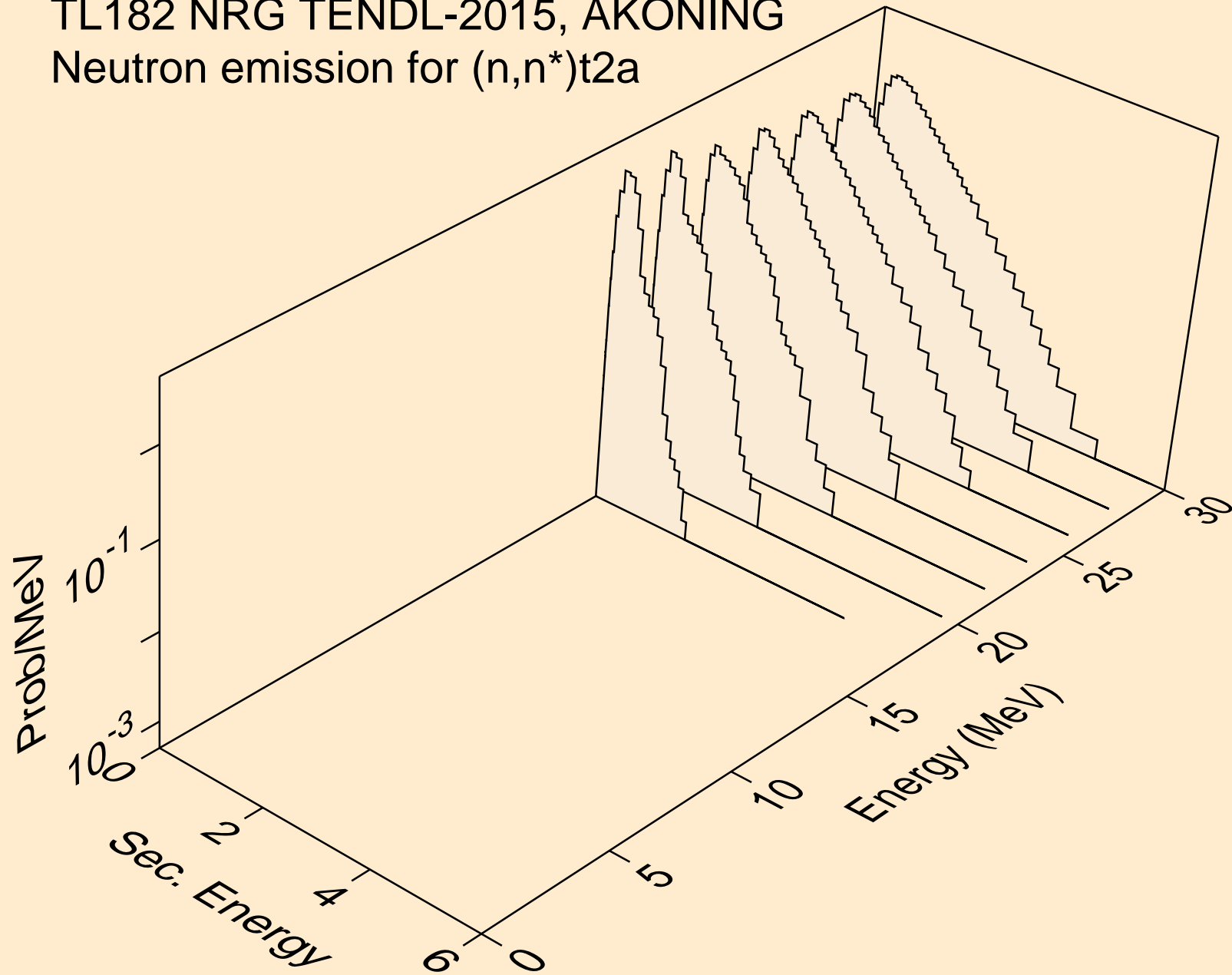
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a

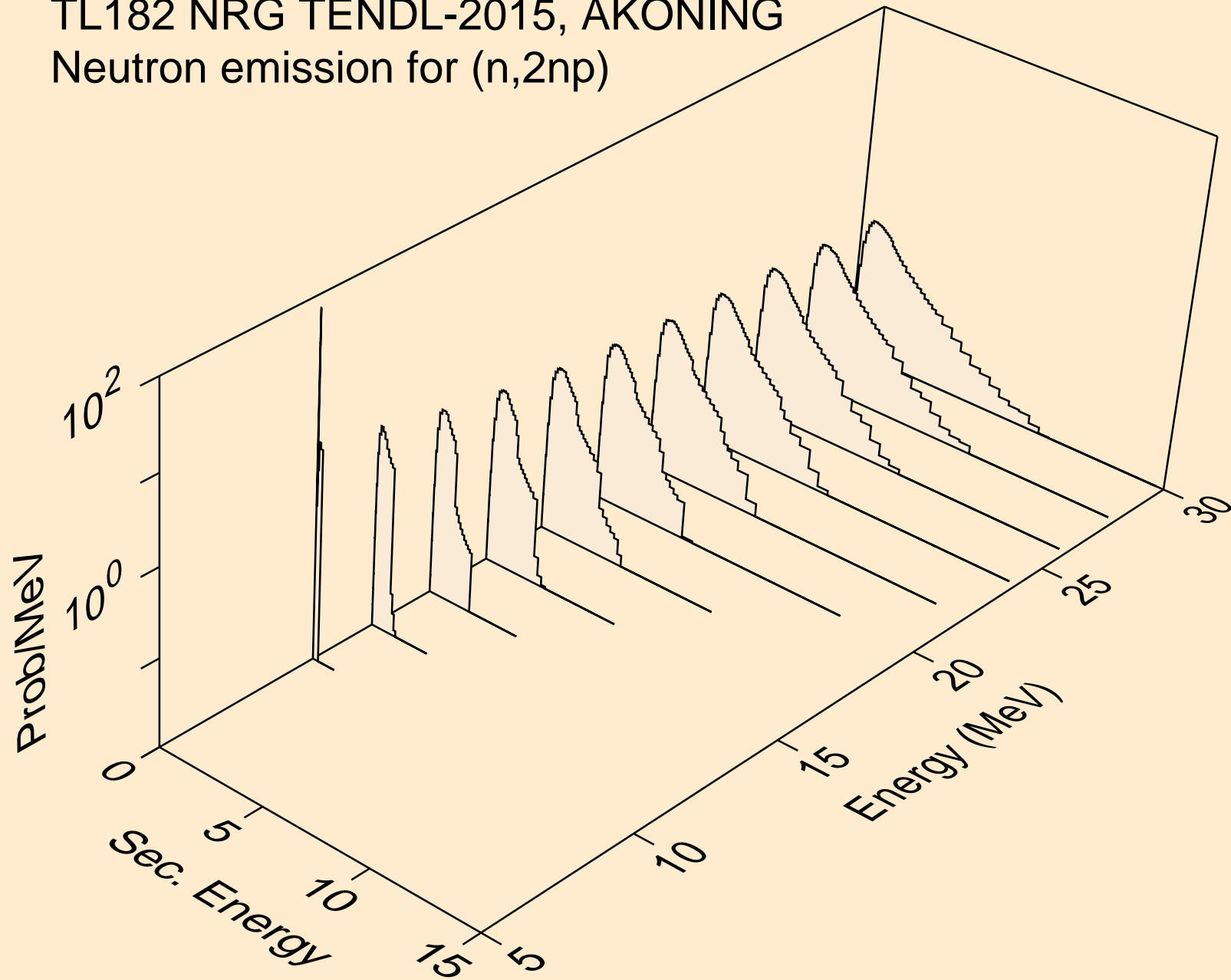


TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a

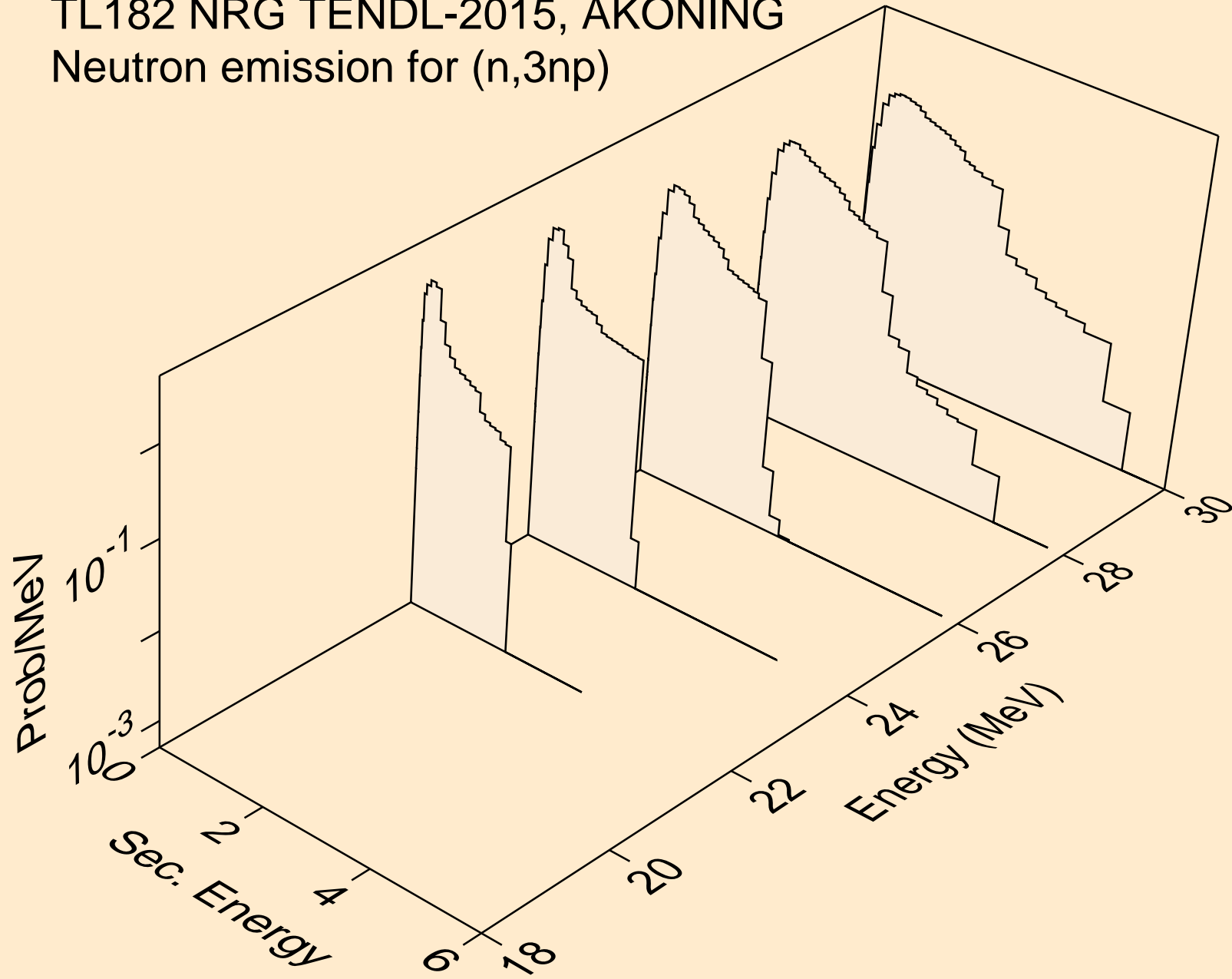




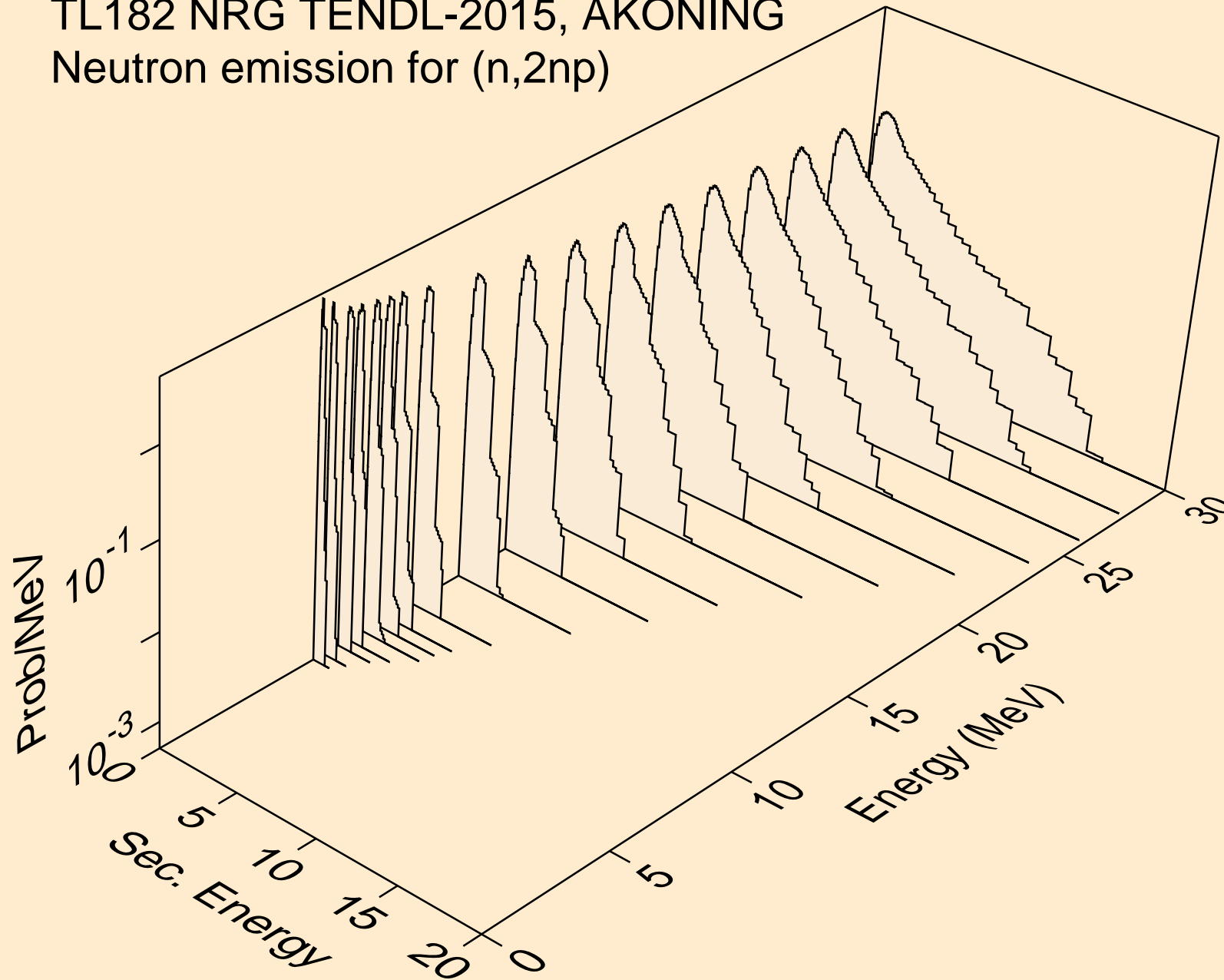
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



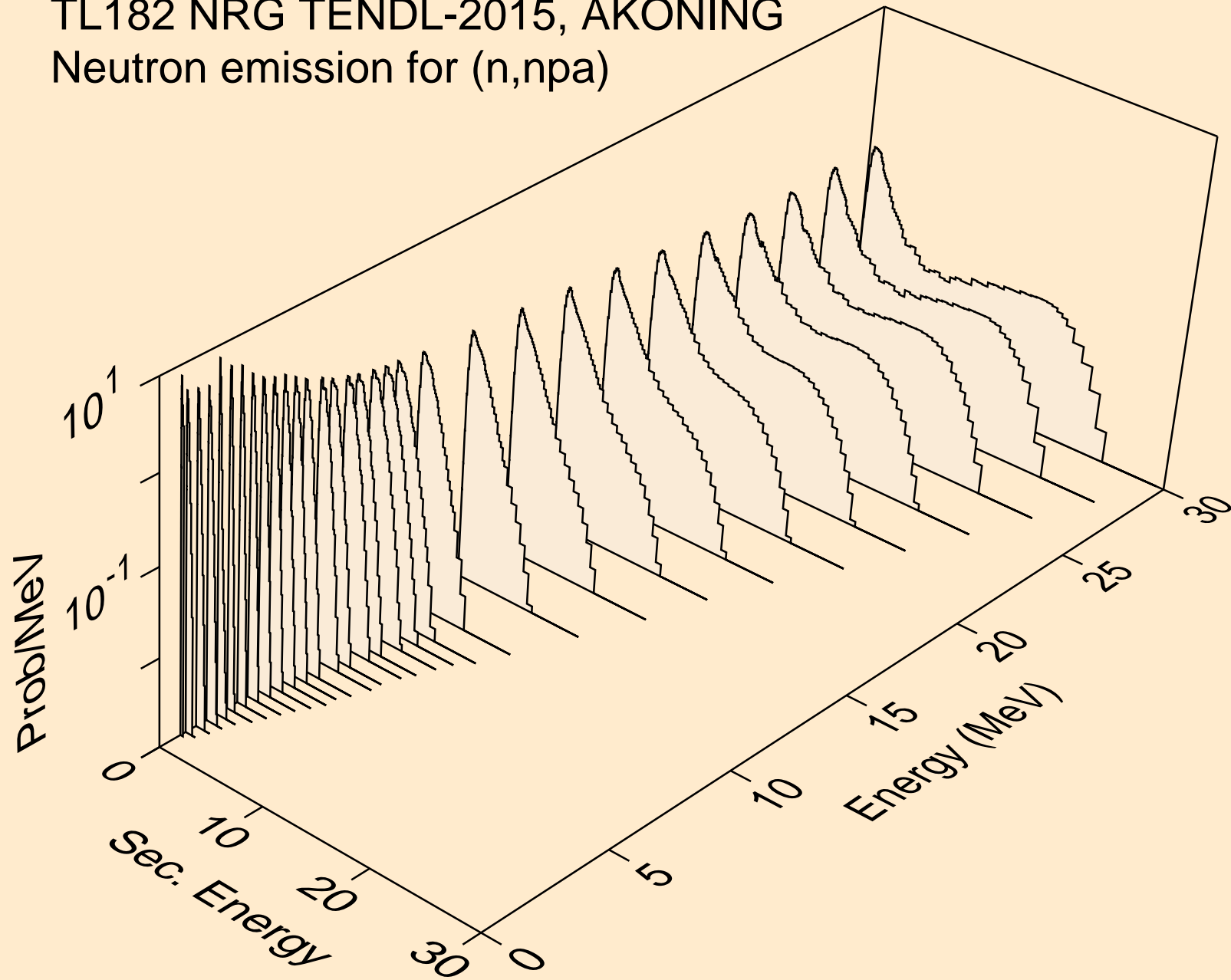
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



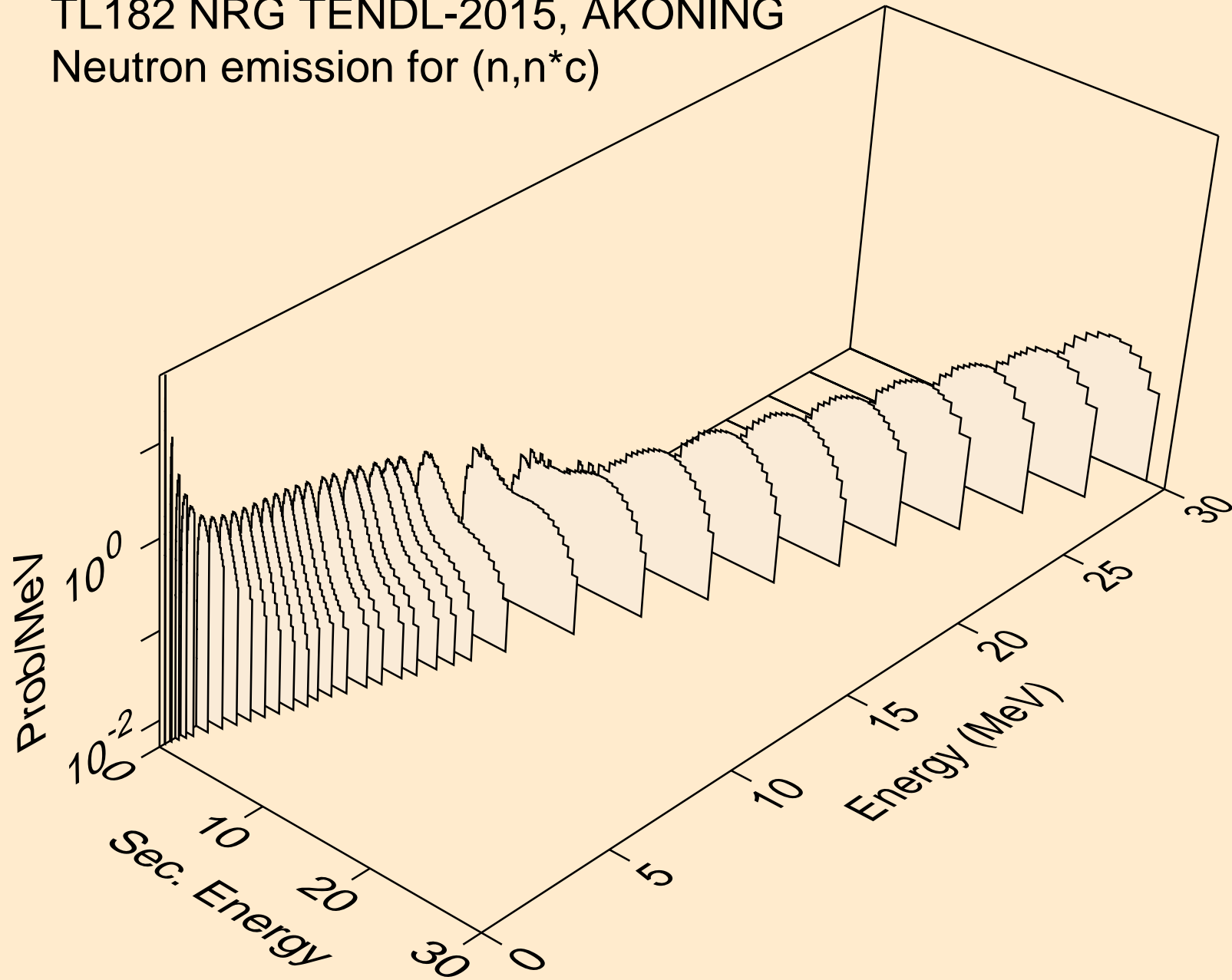
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



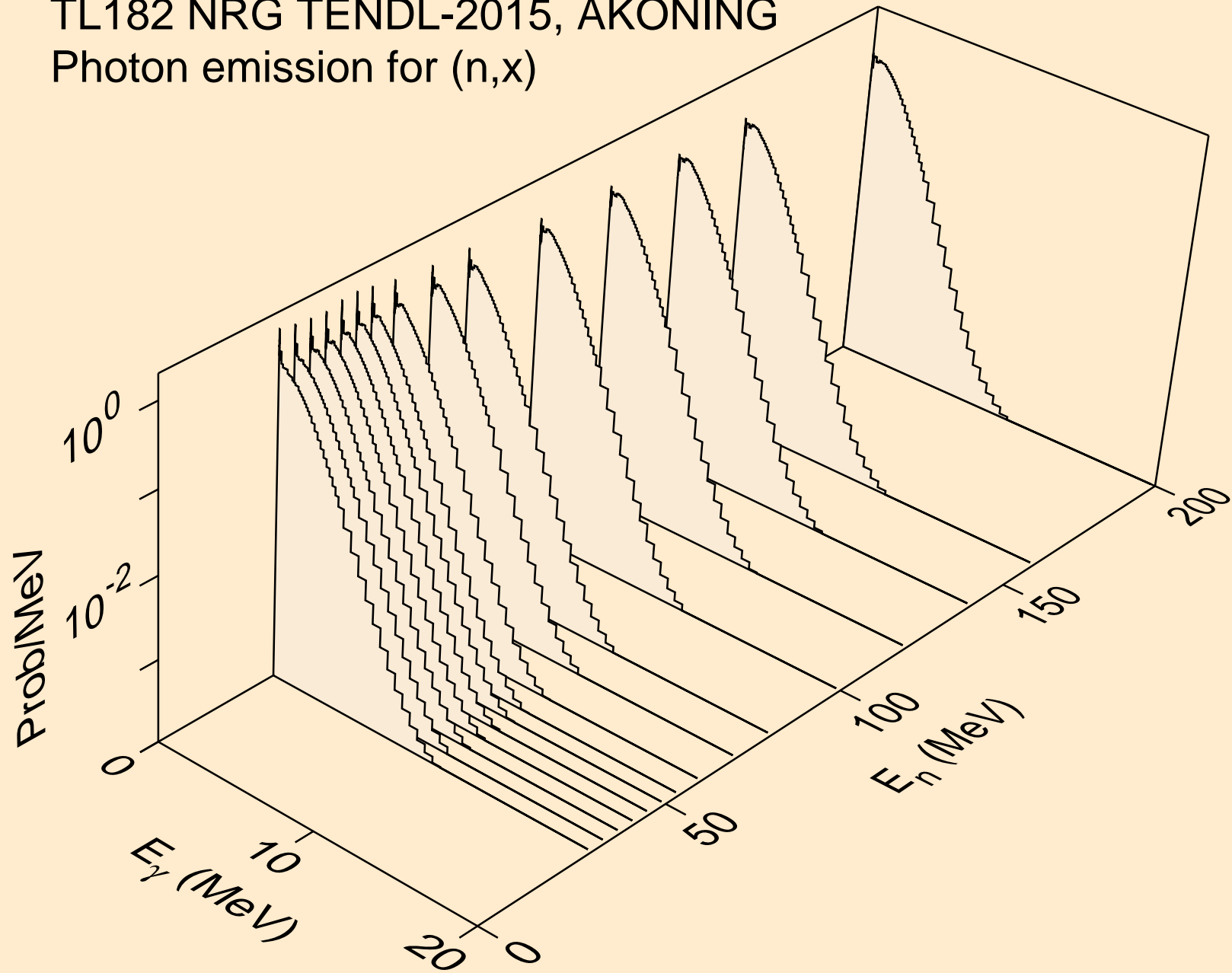
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



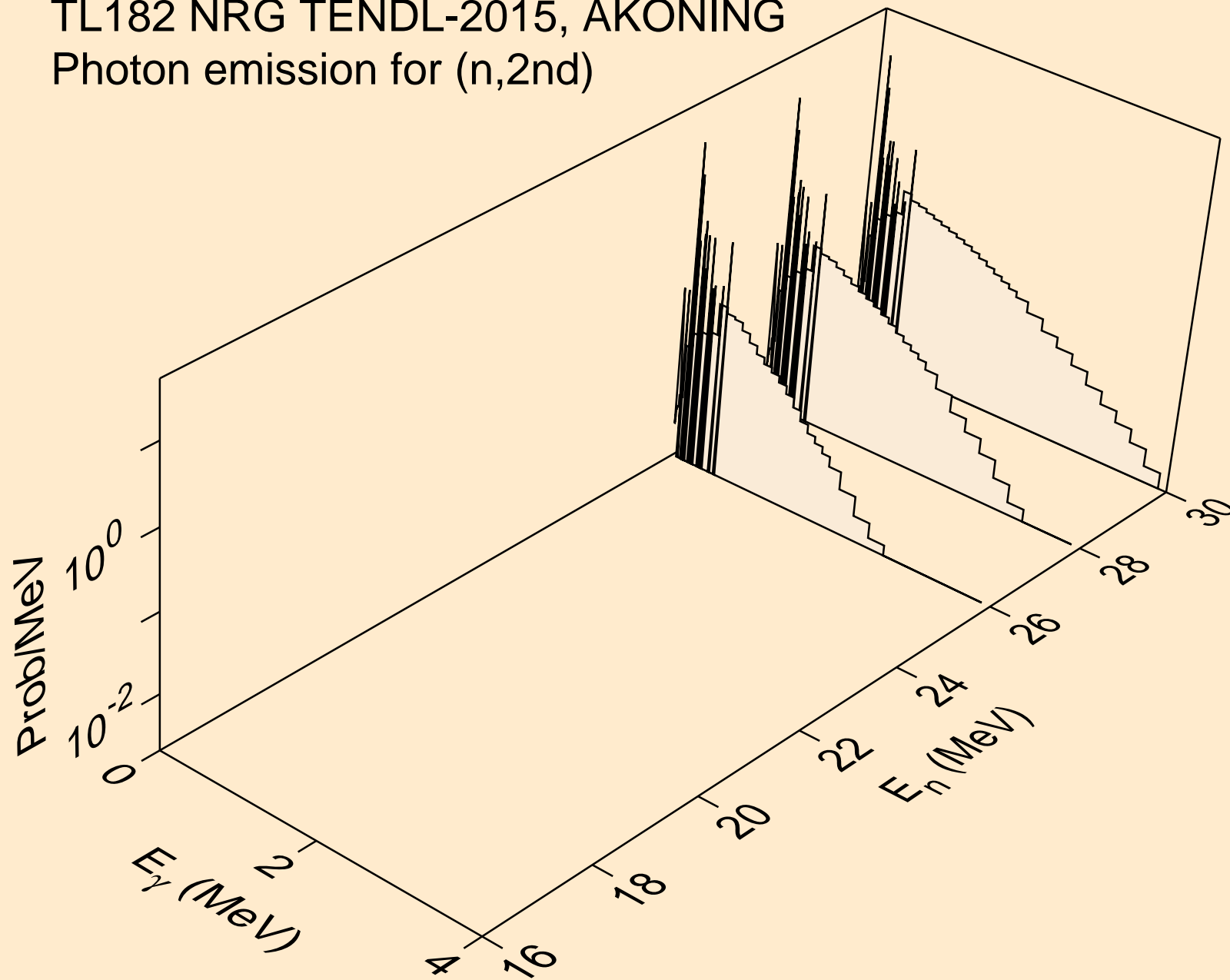
TL182 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



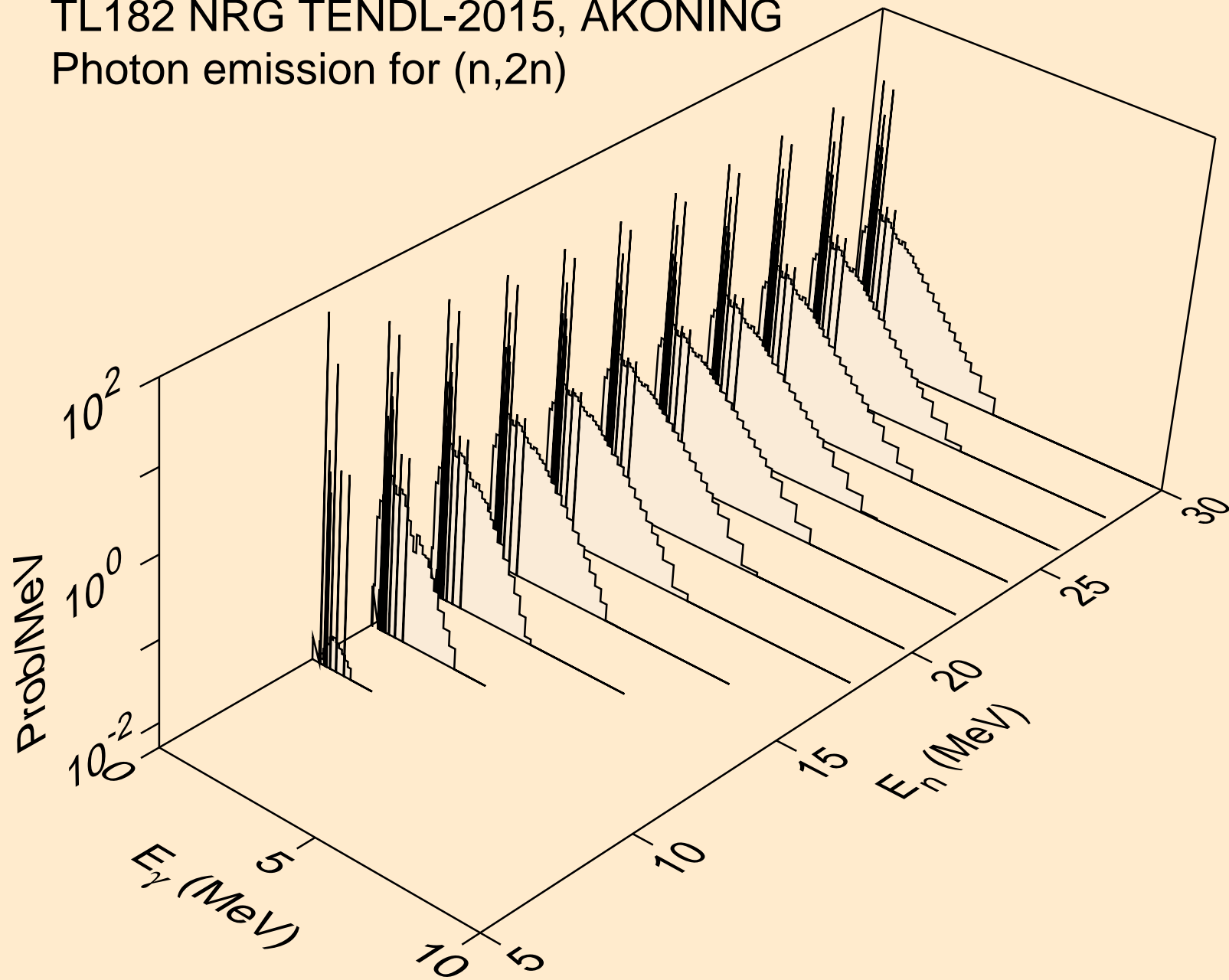
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

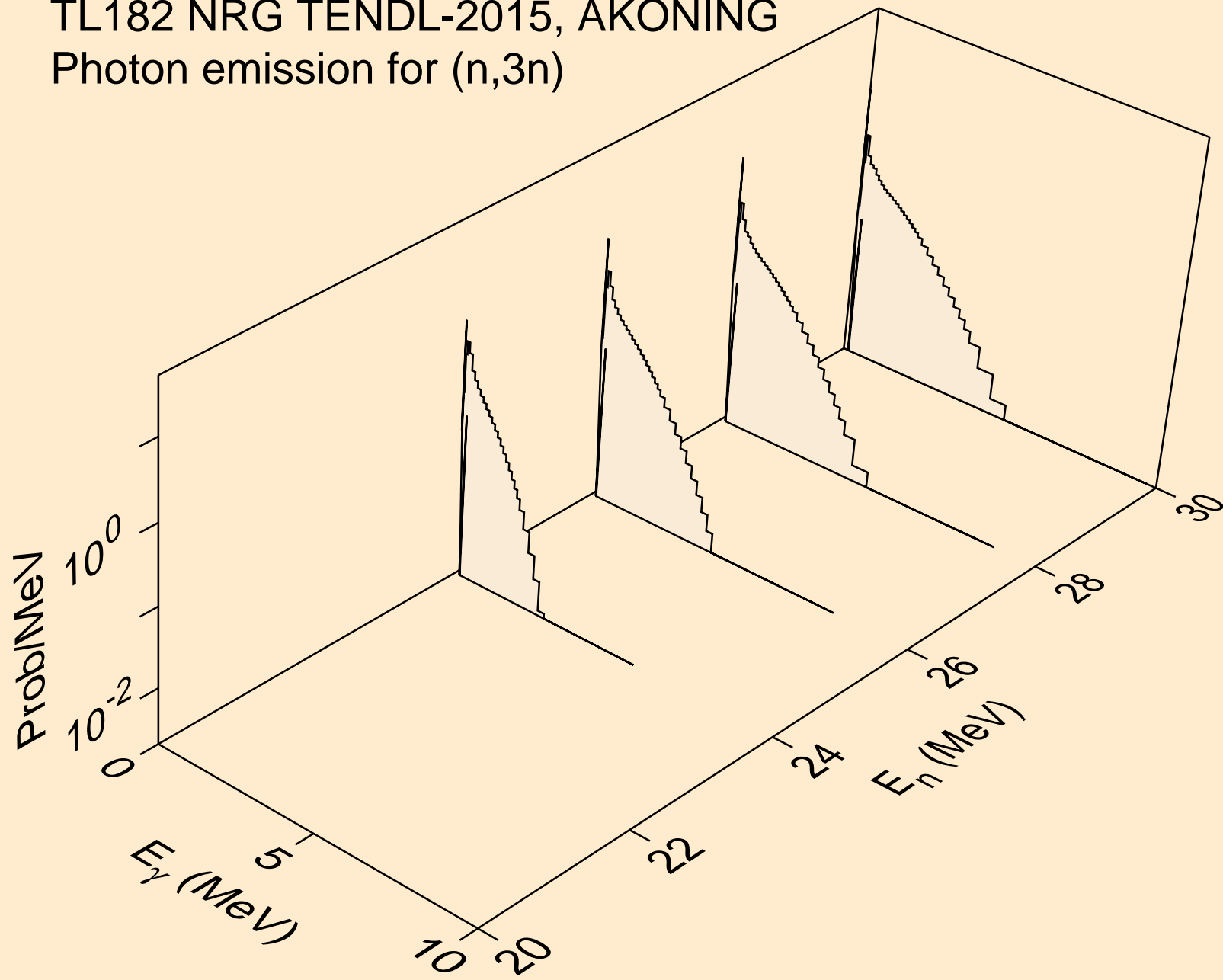


TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

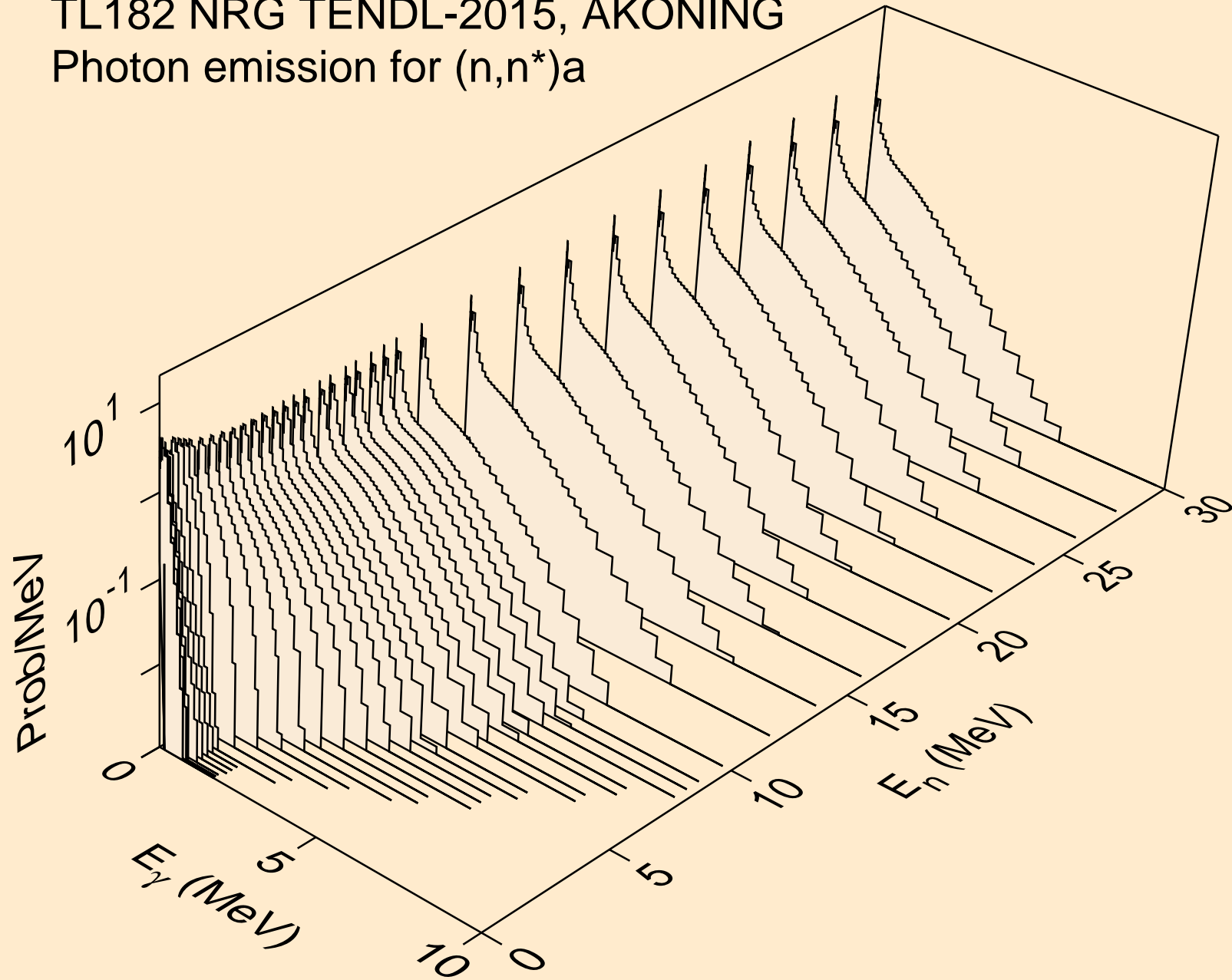




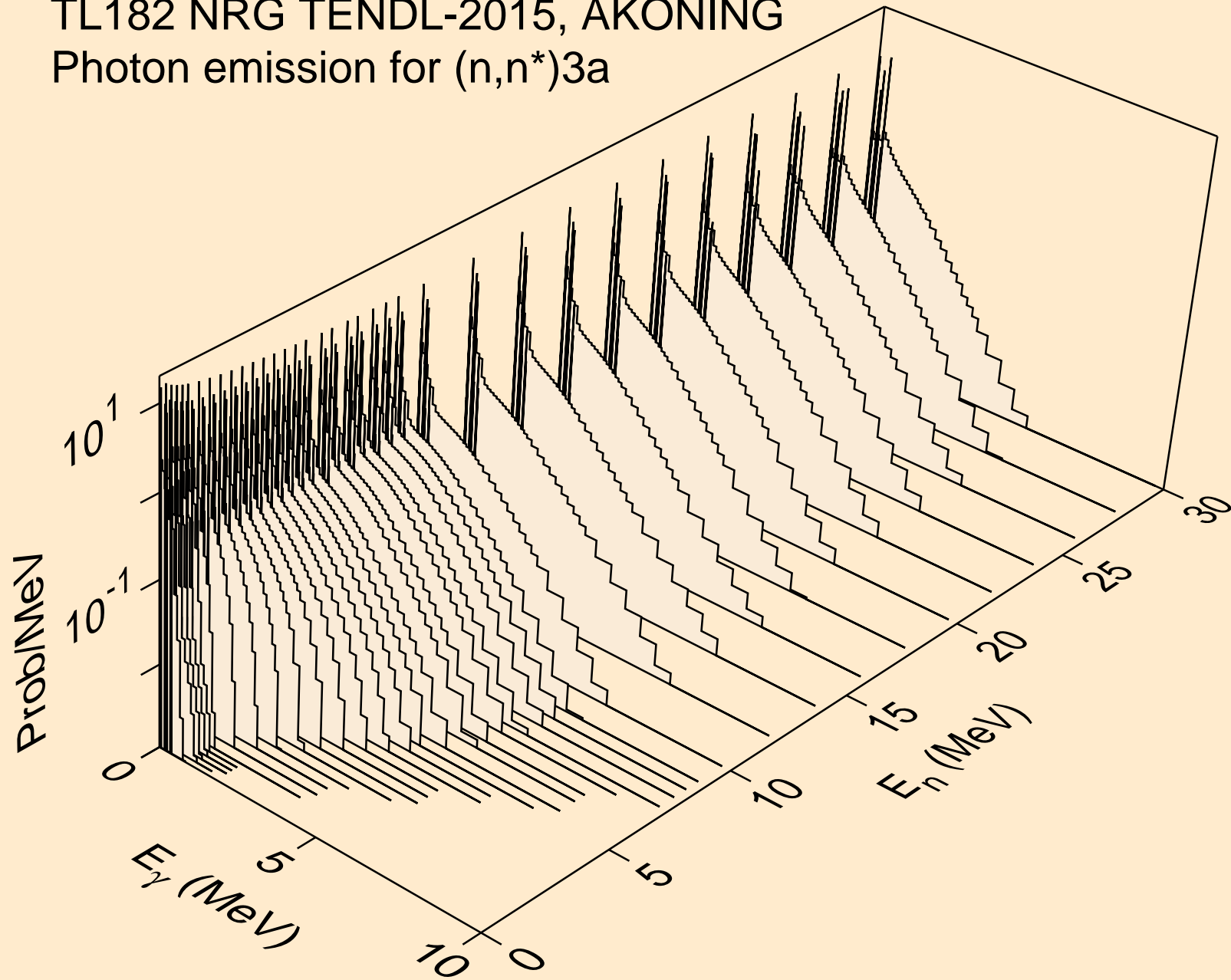
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



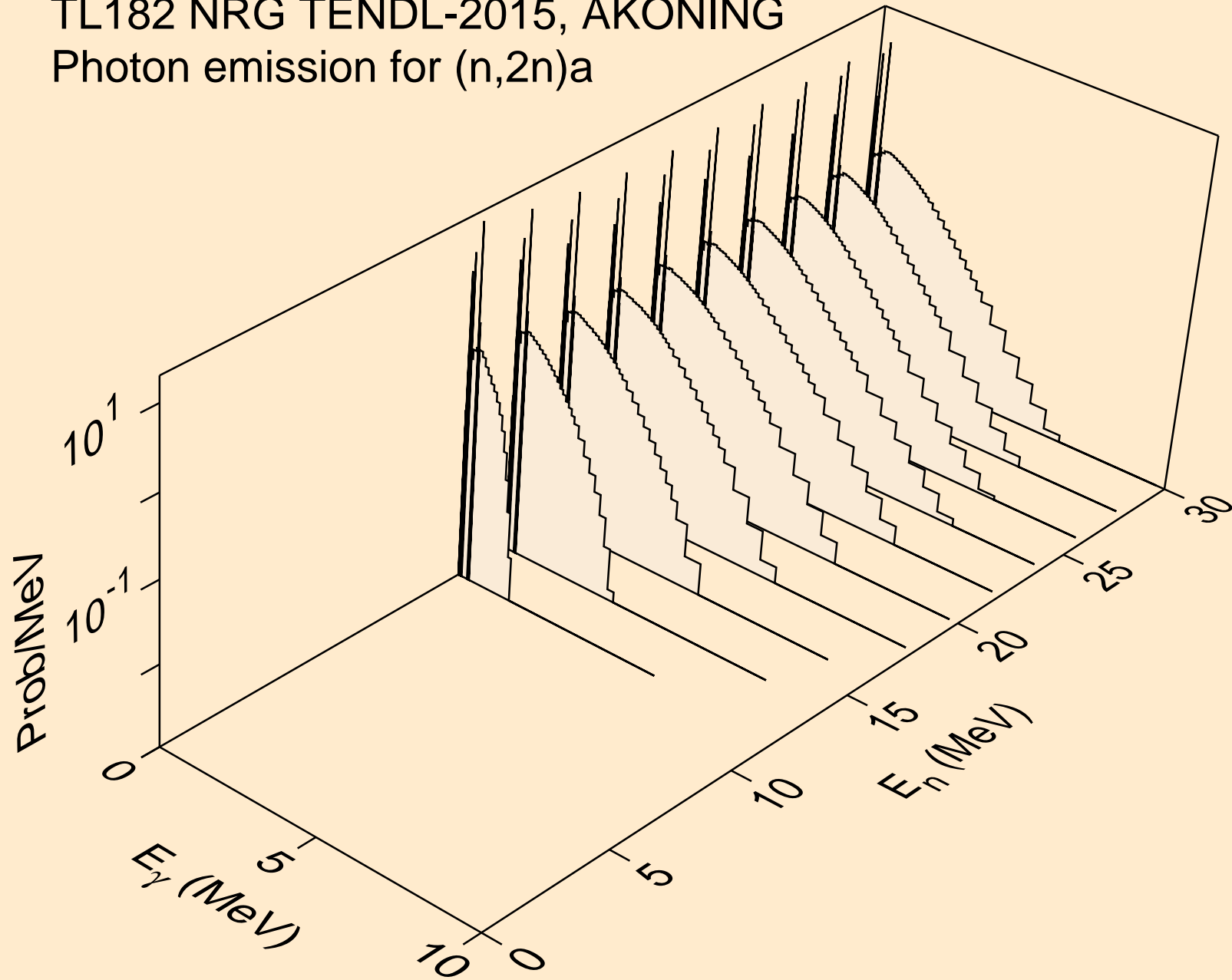
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



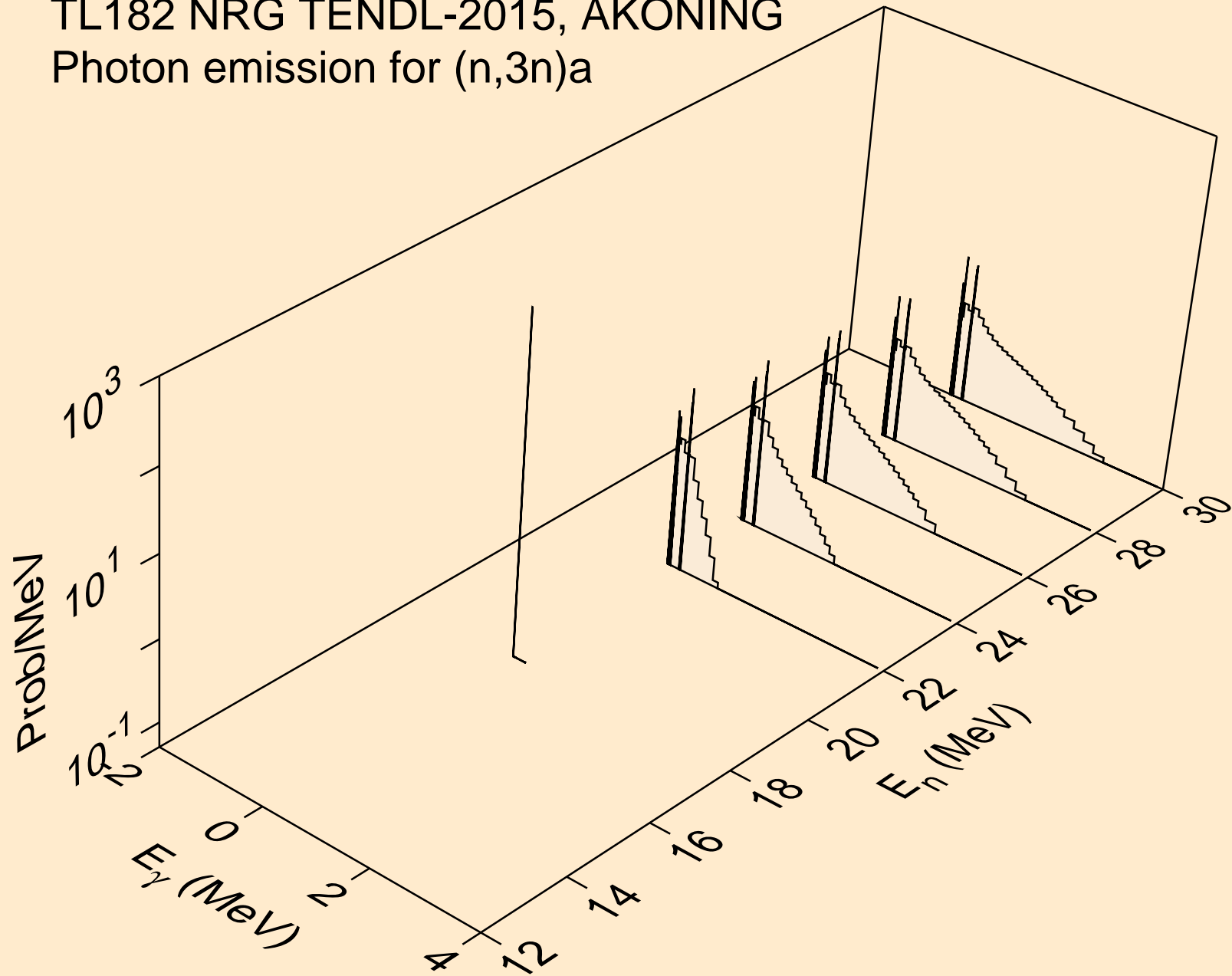
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



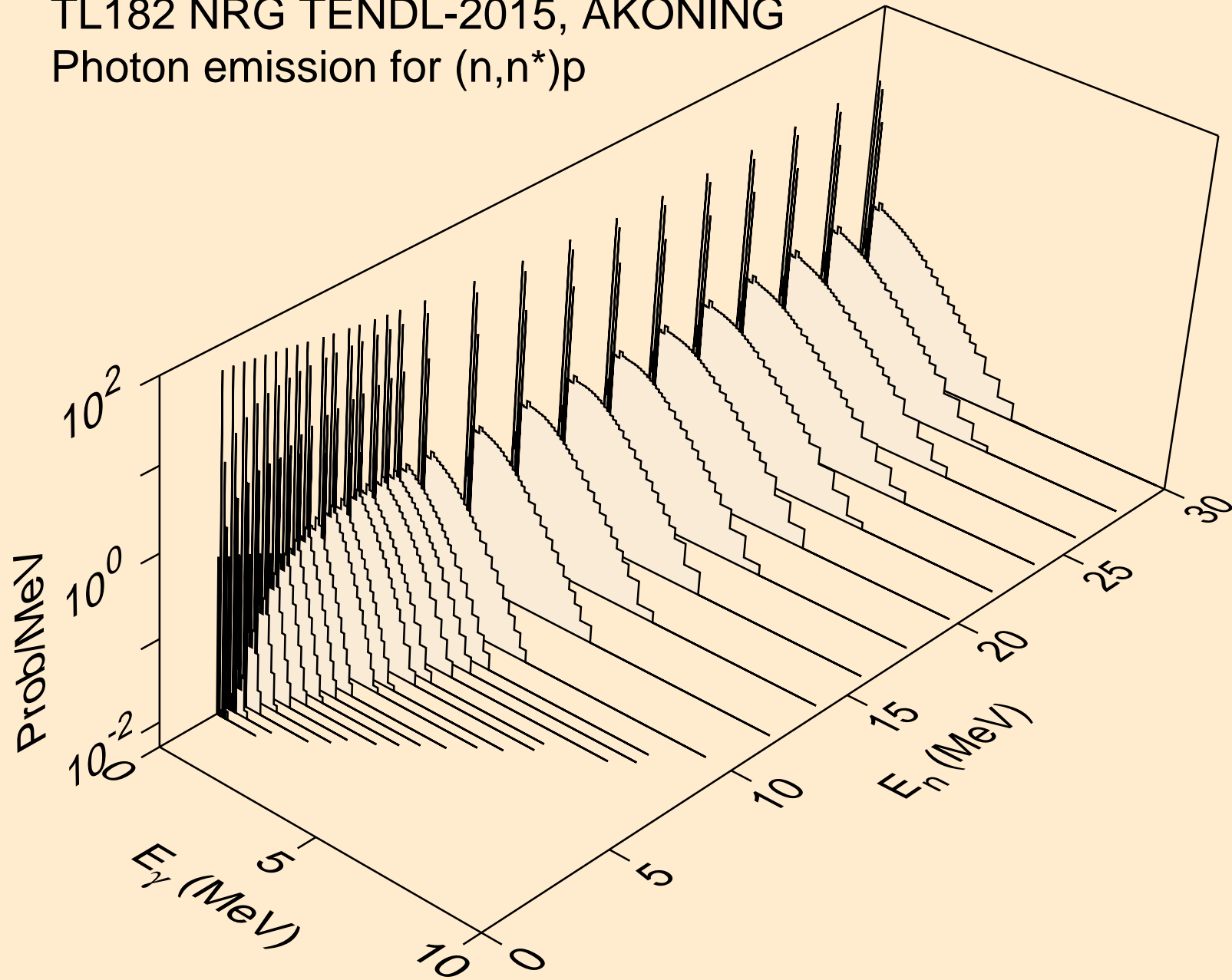
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



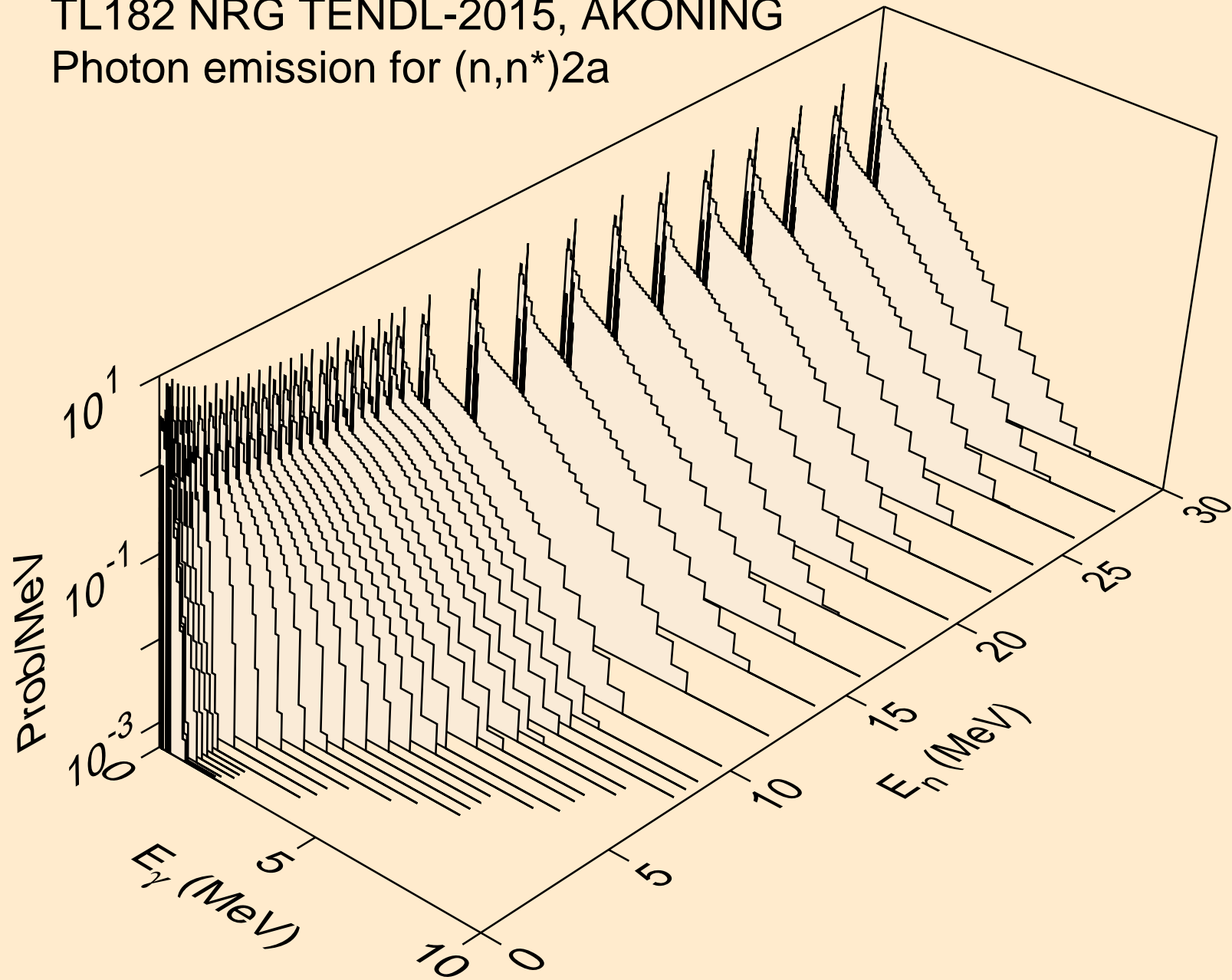
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



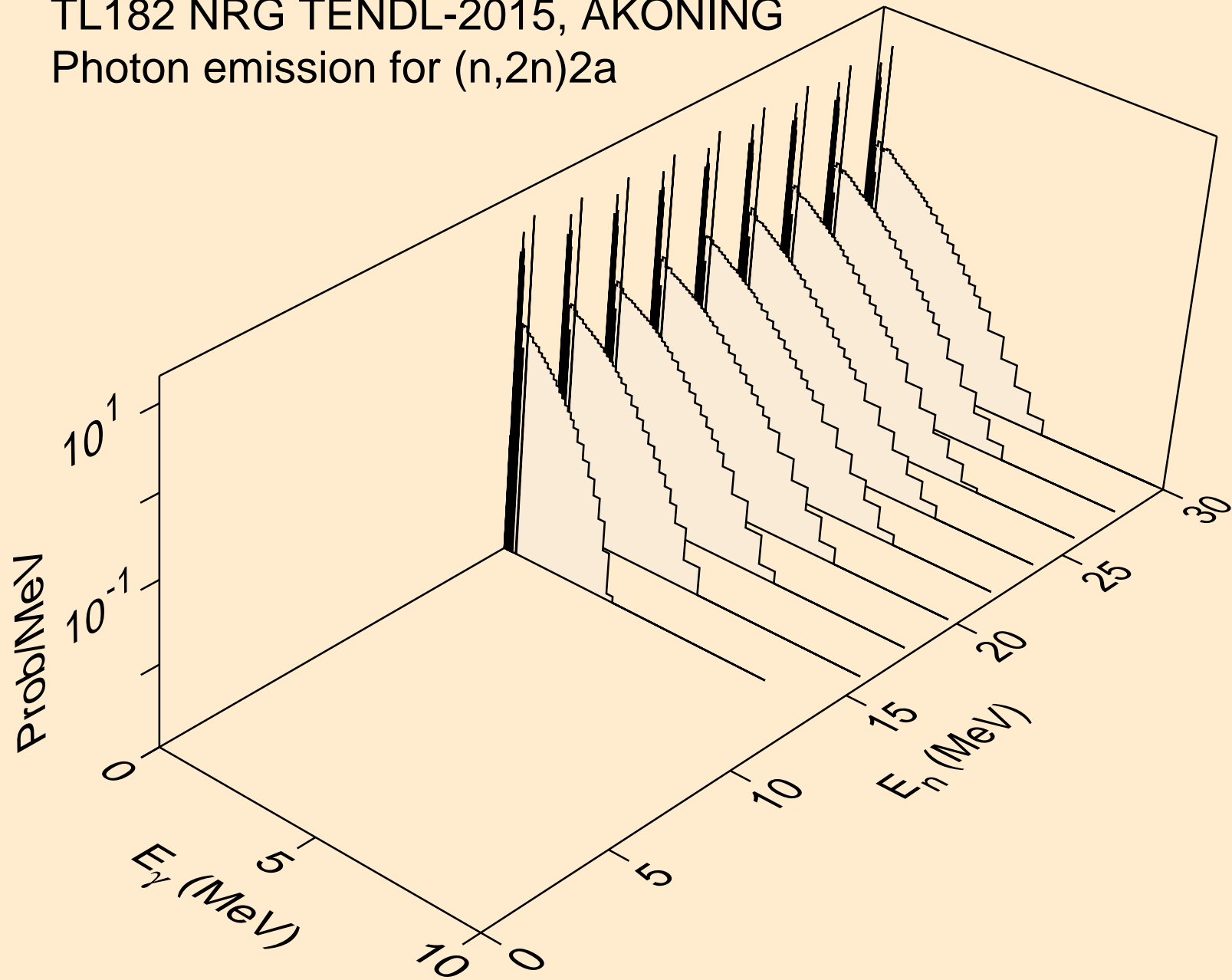
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

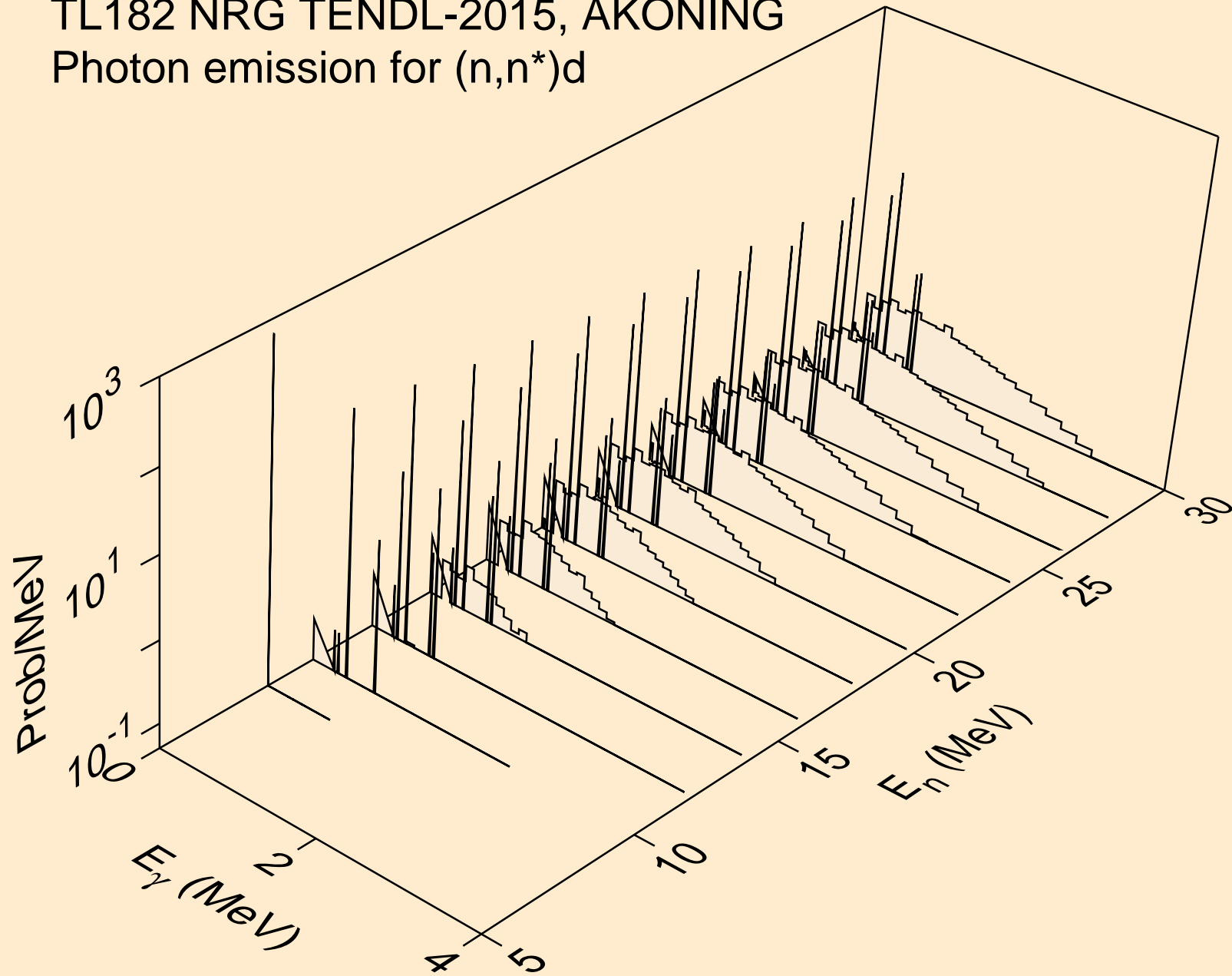


TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

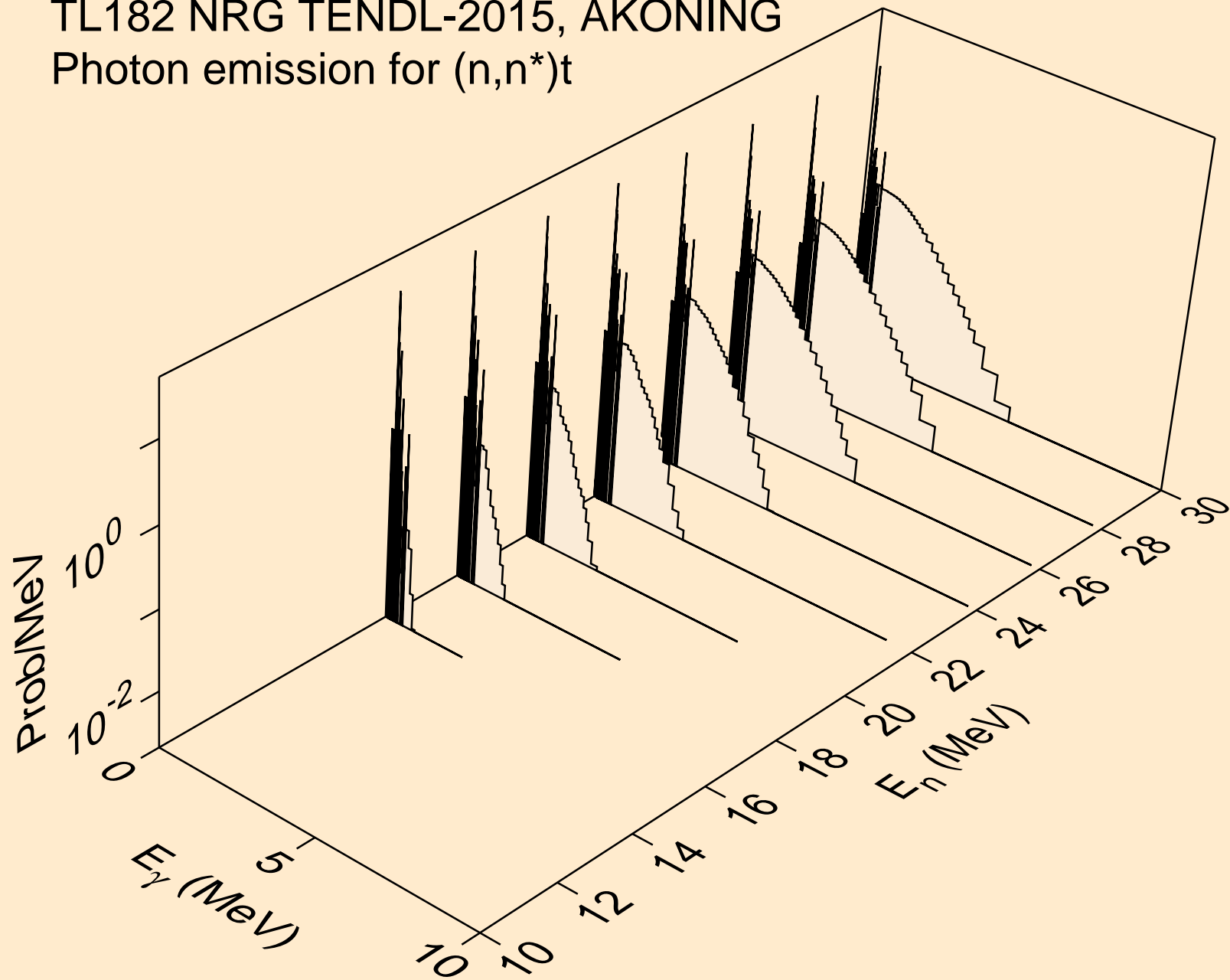




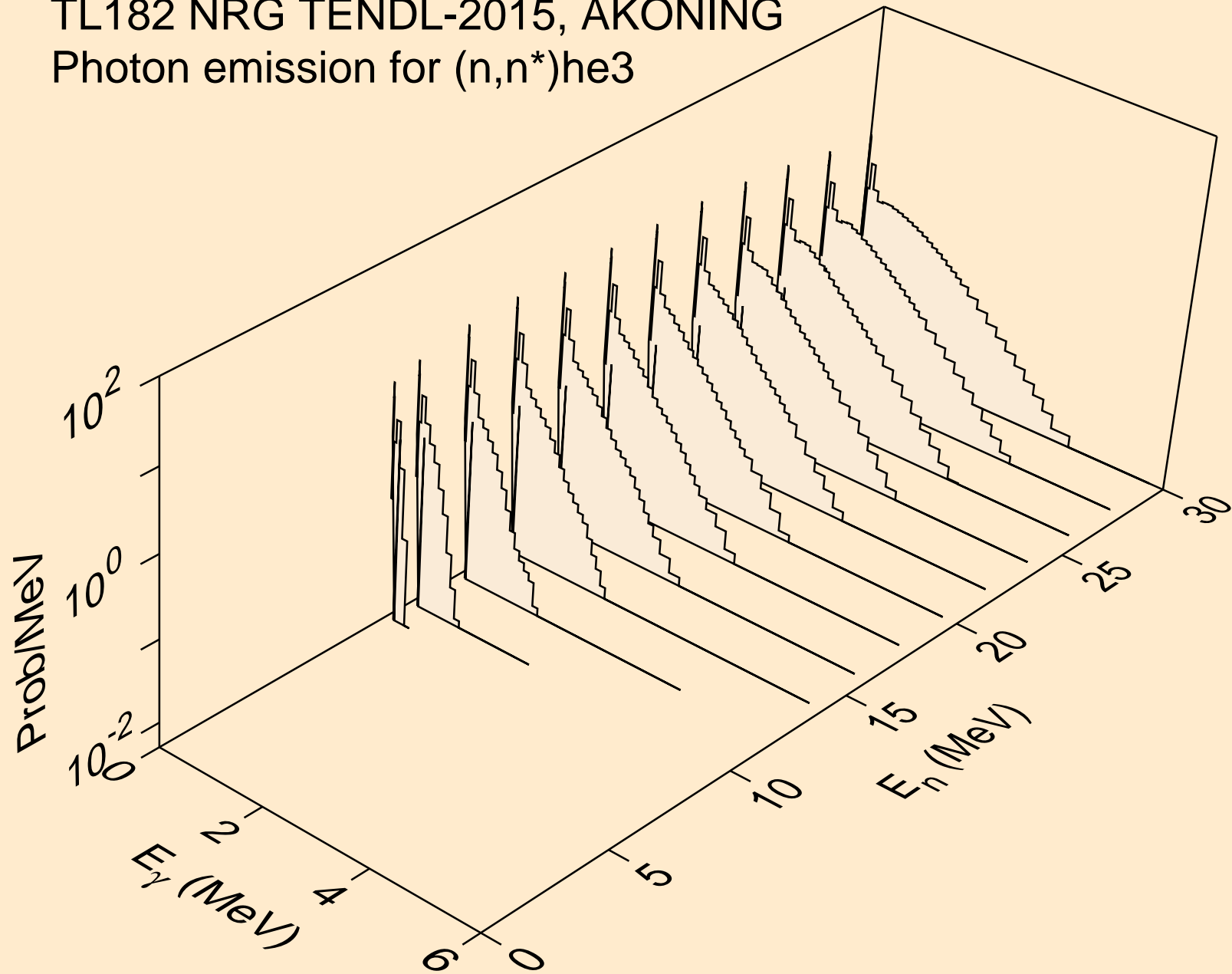
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



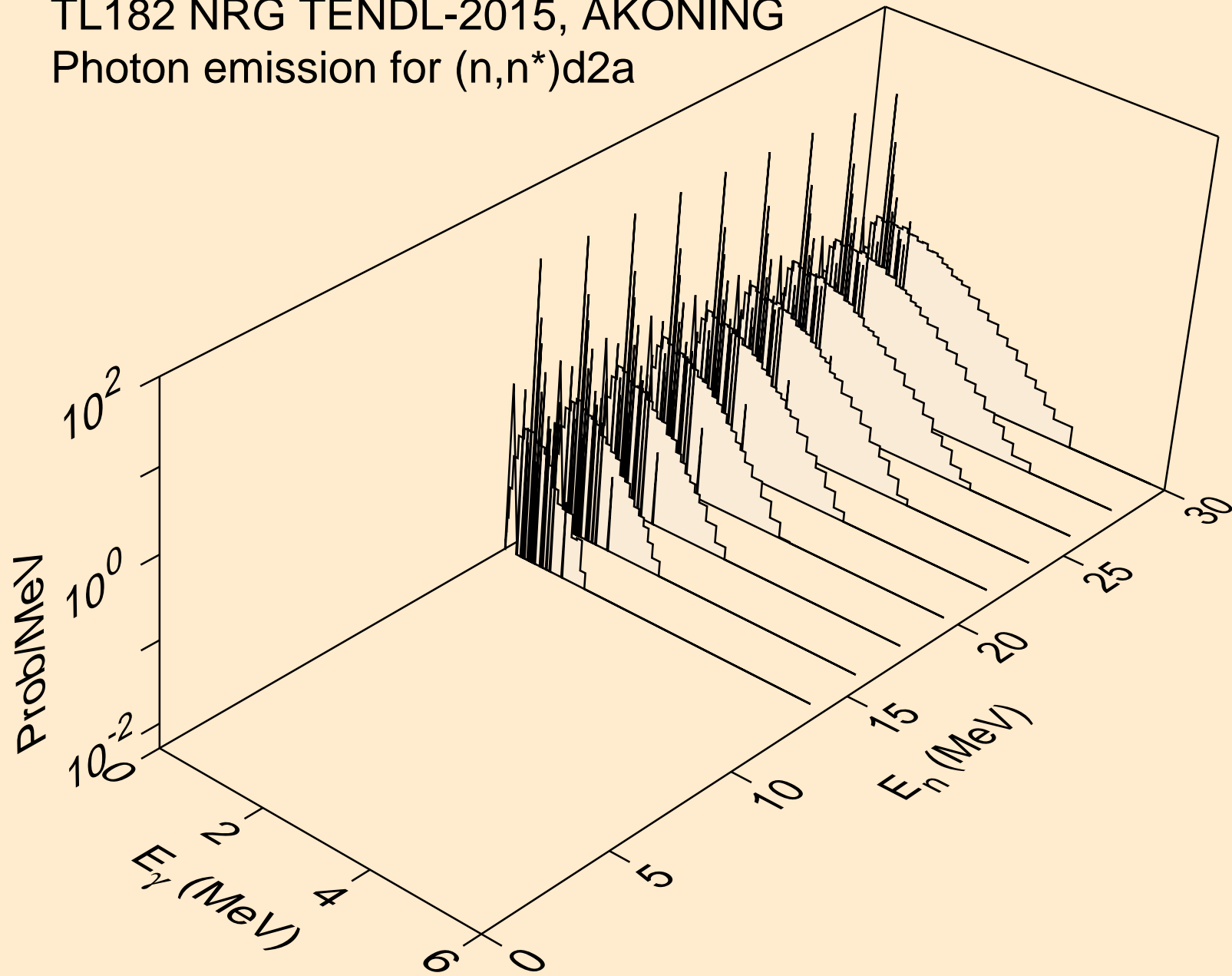
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



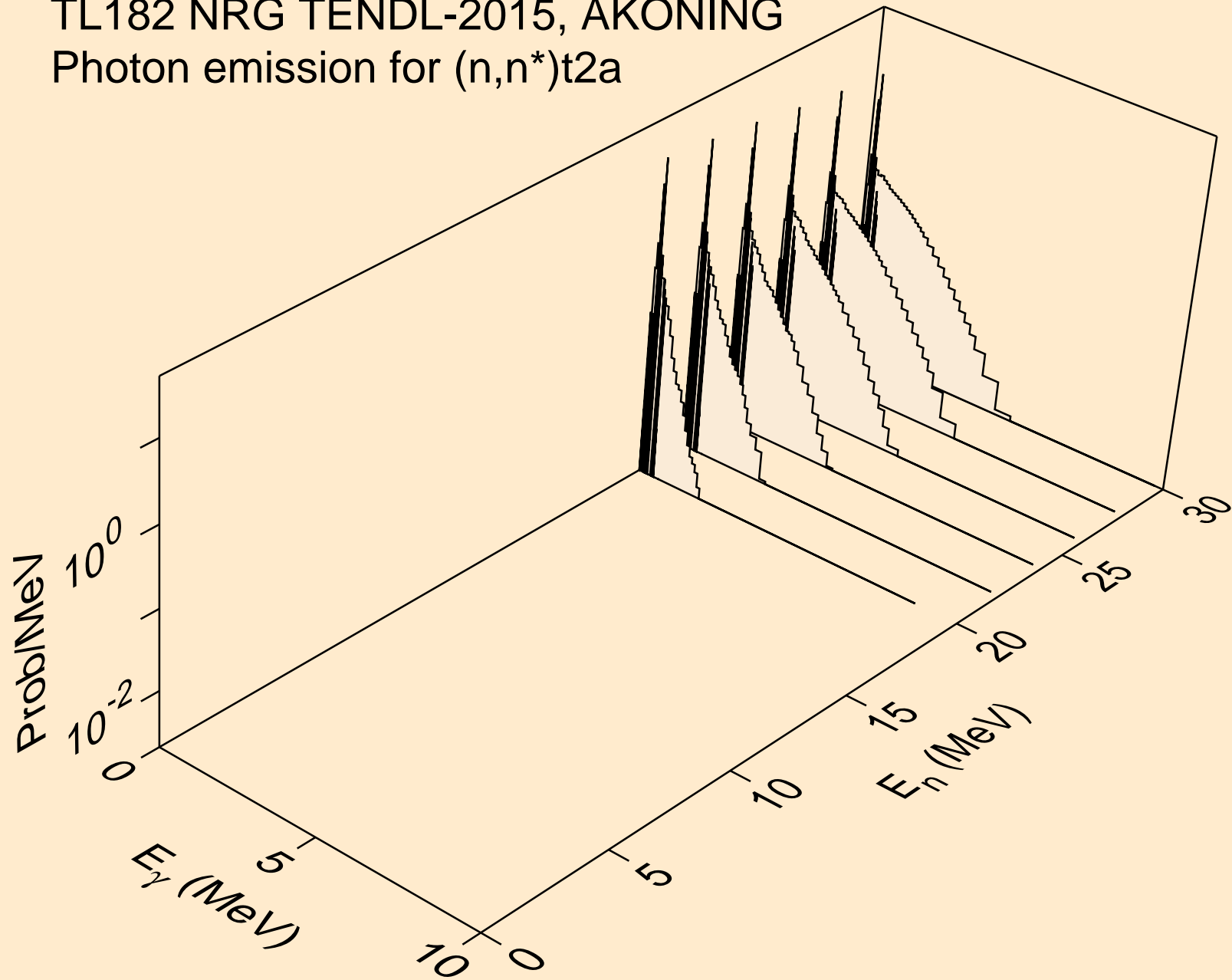
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



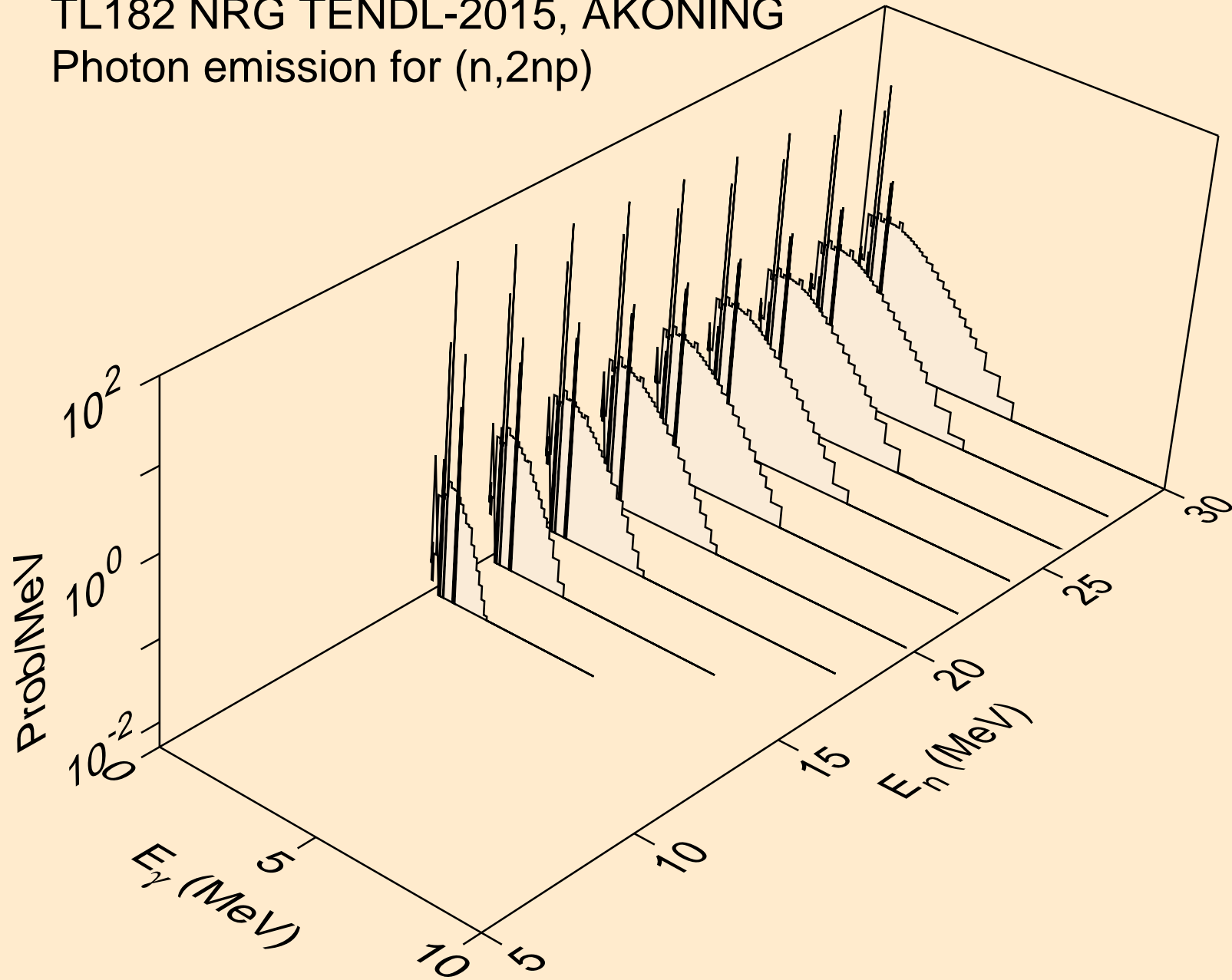
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



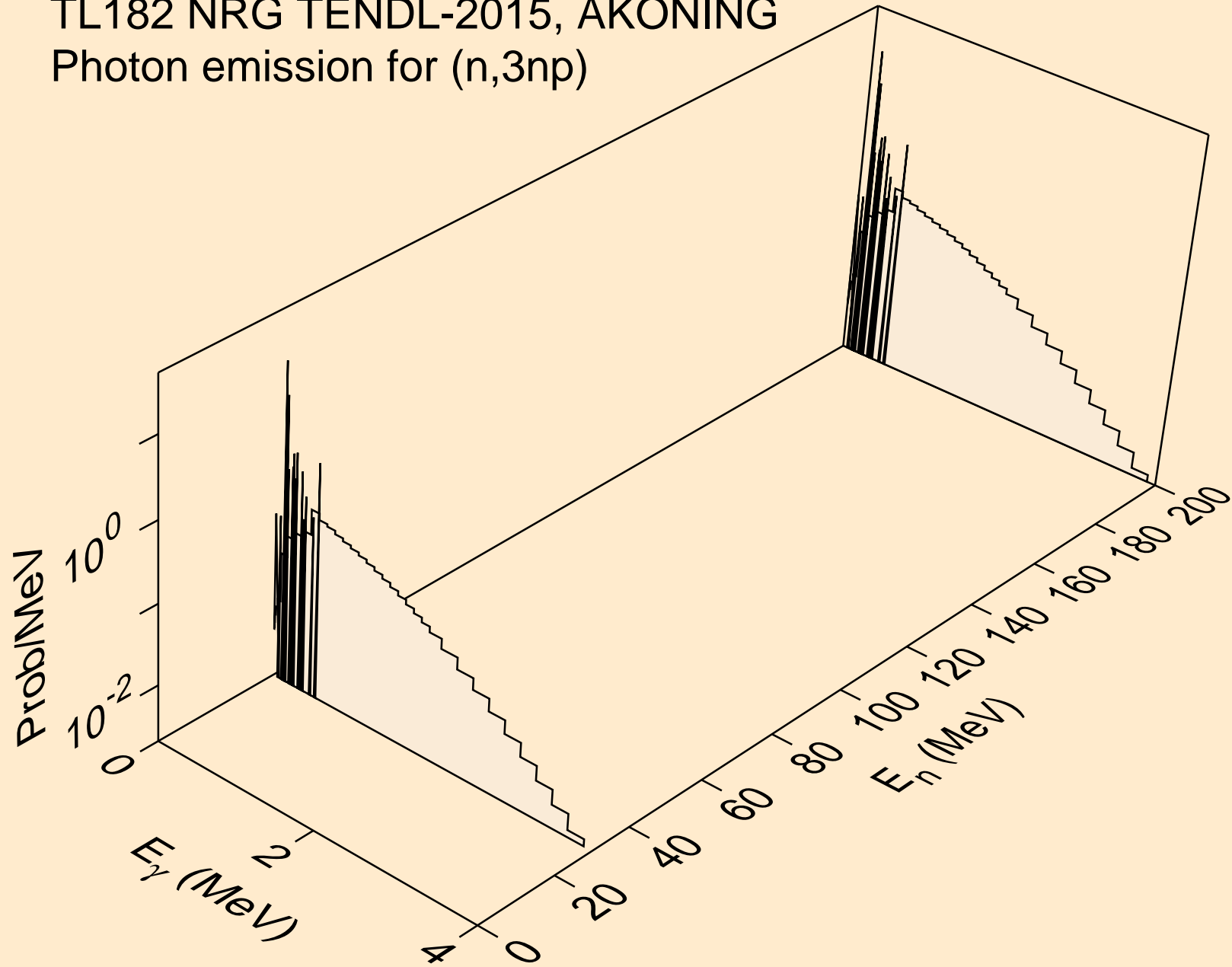
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



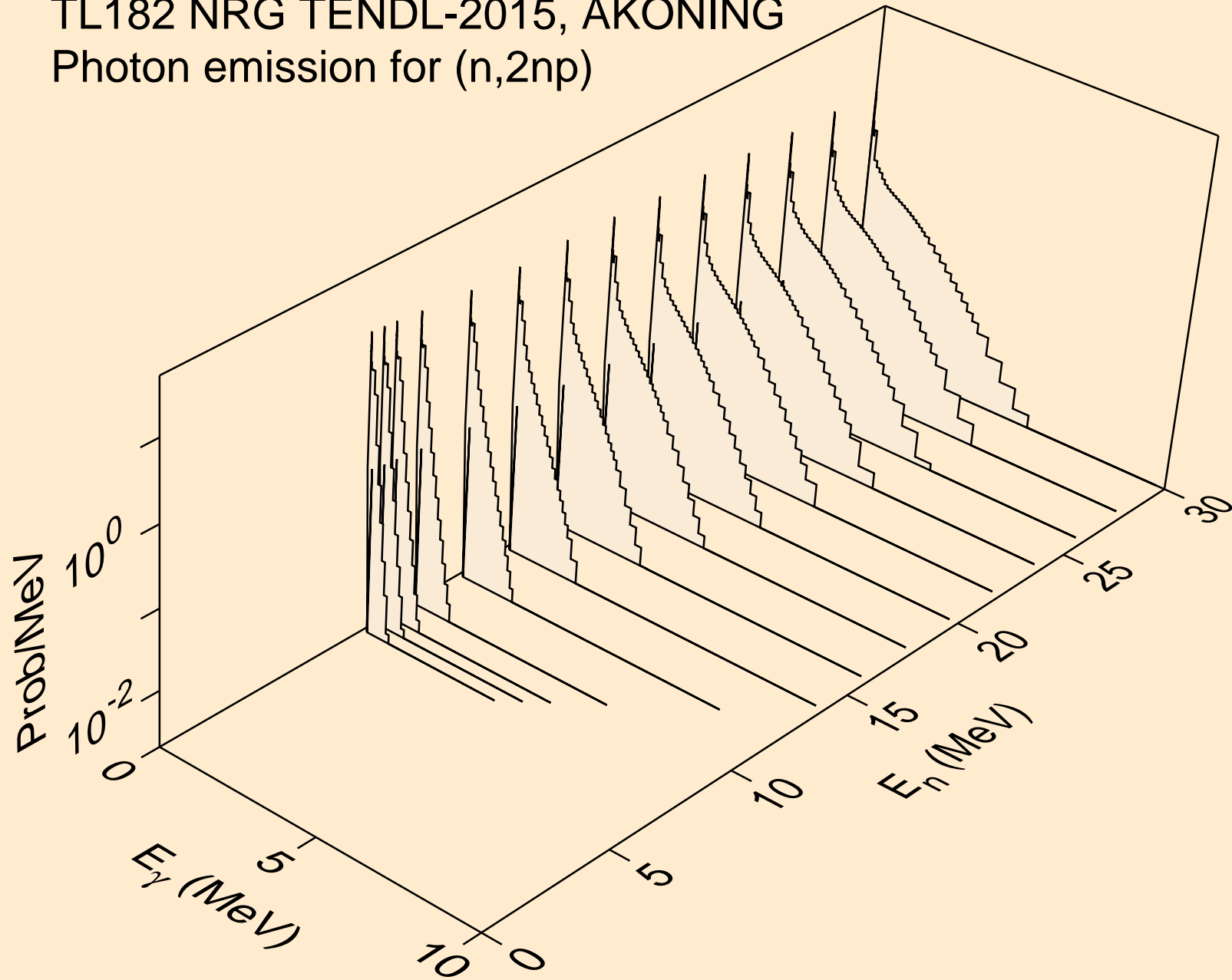
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

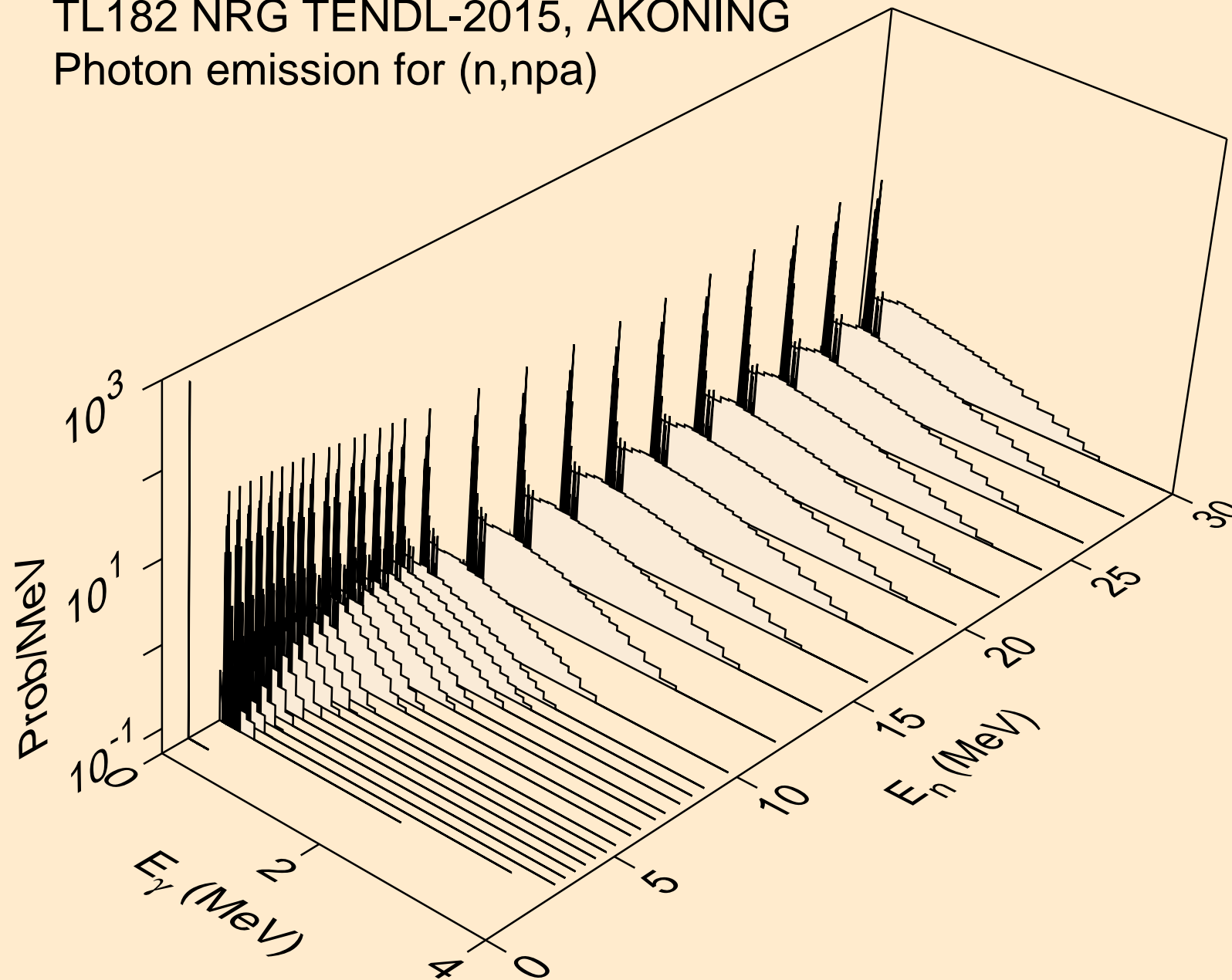


TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

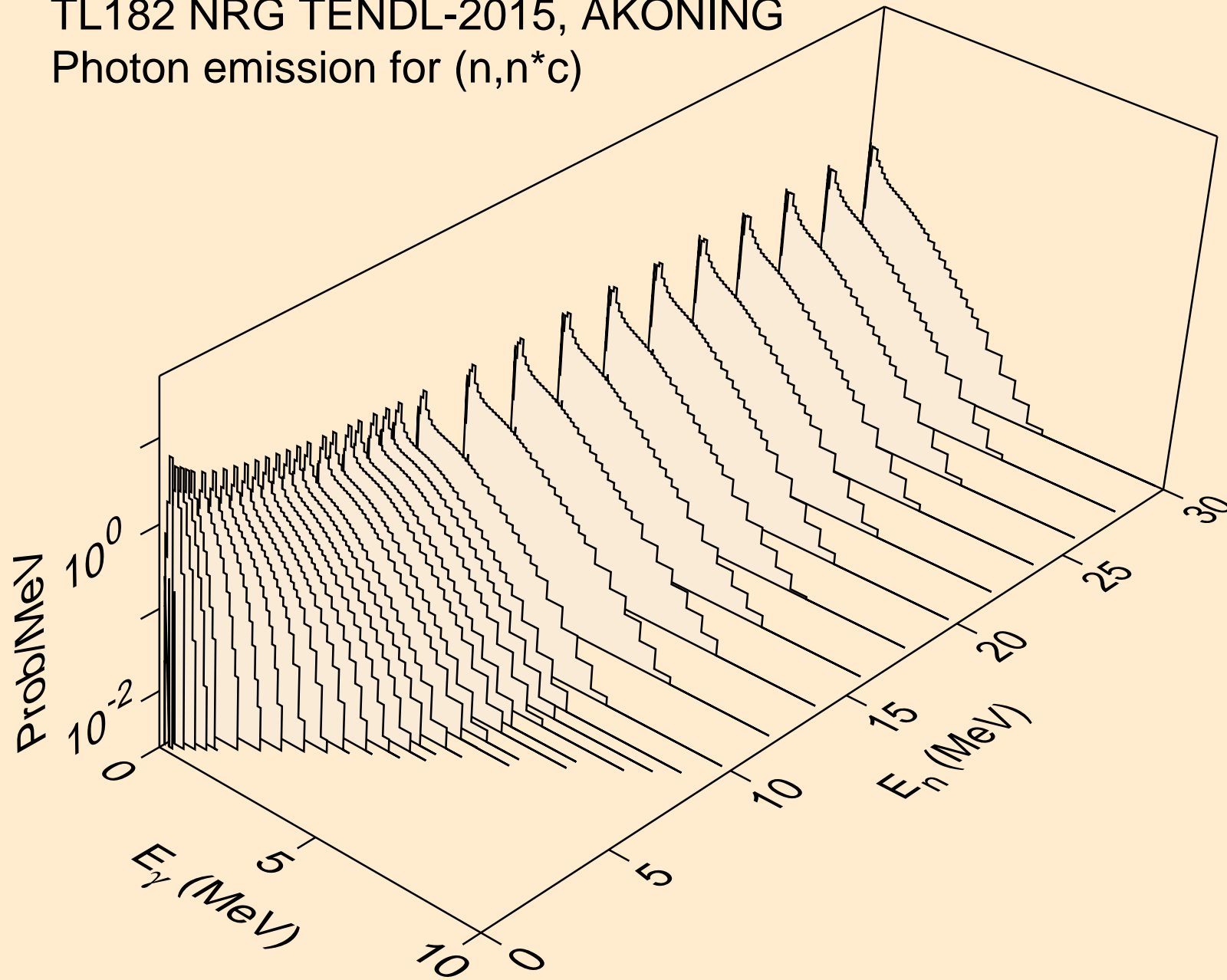




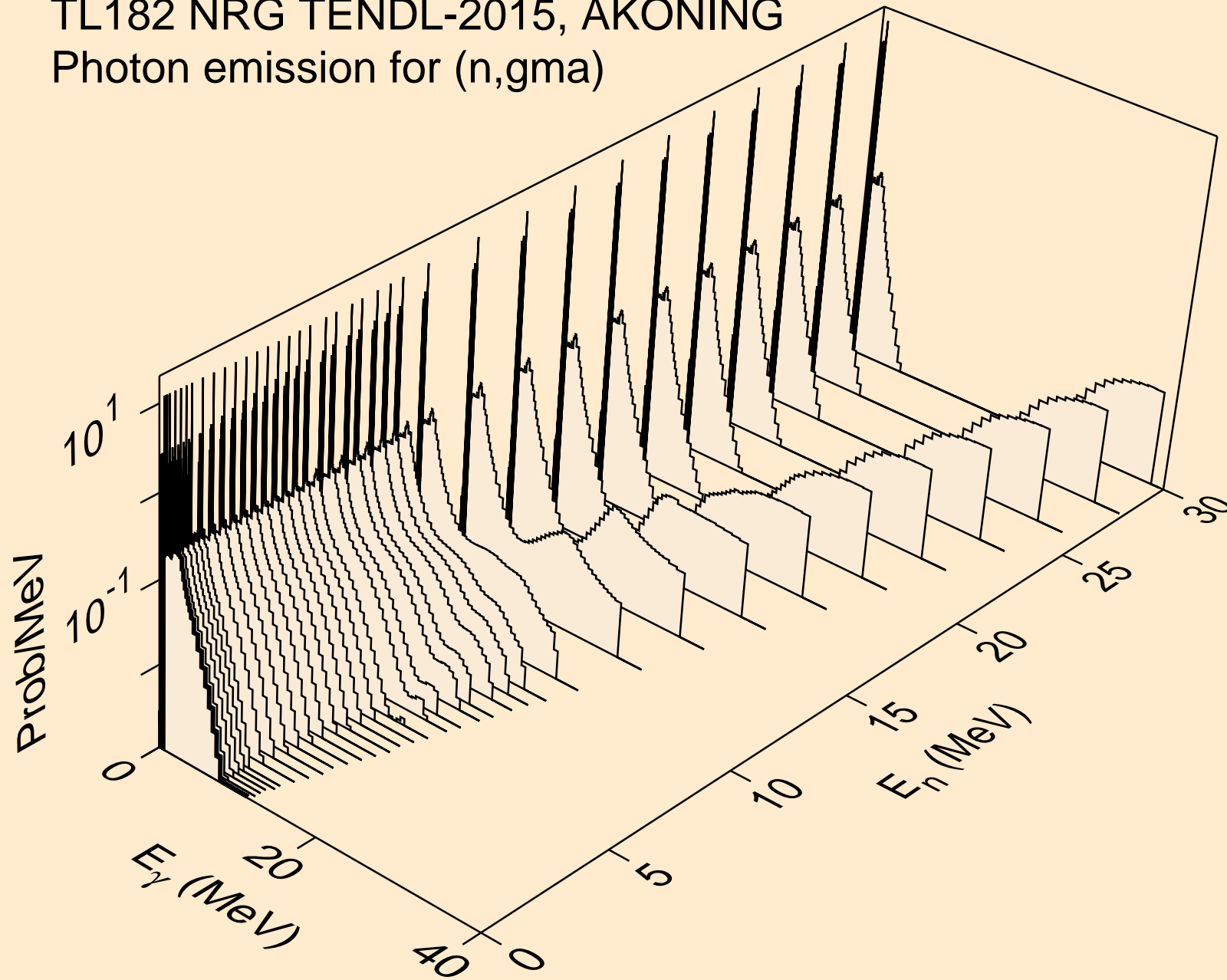
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



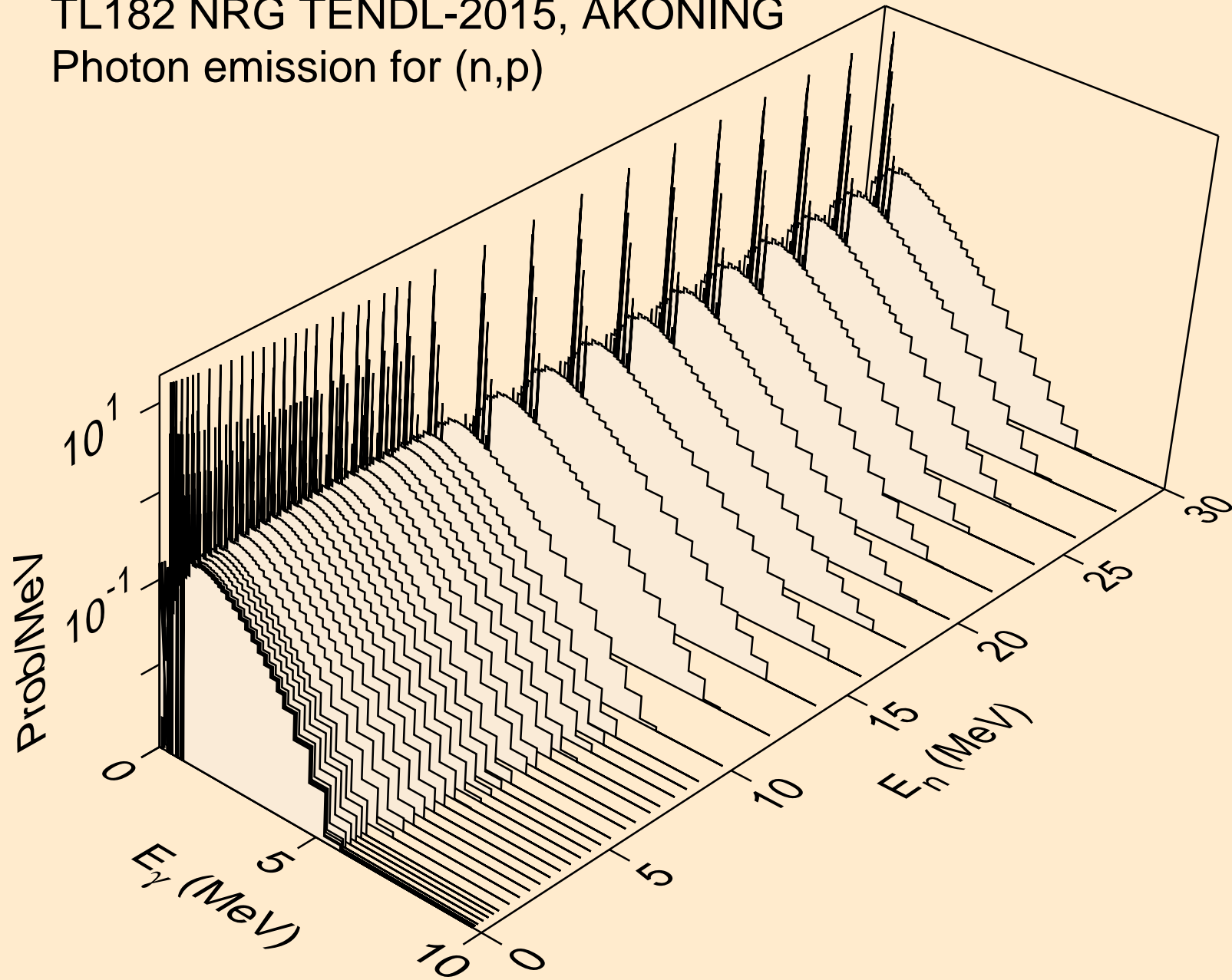
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



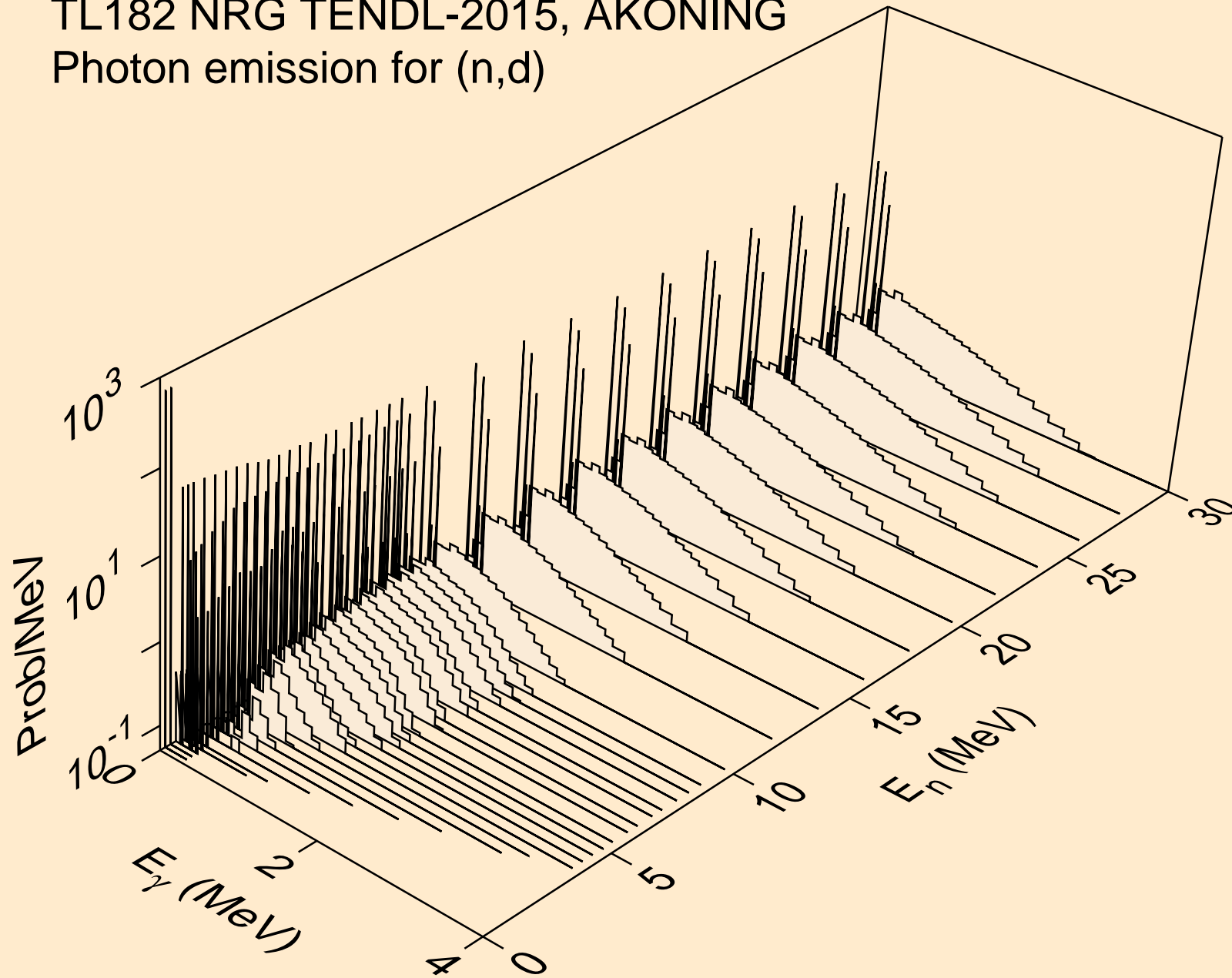
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



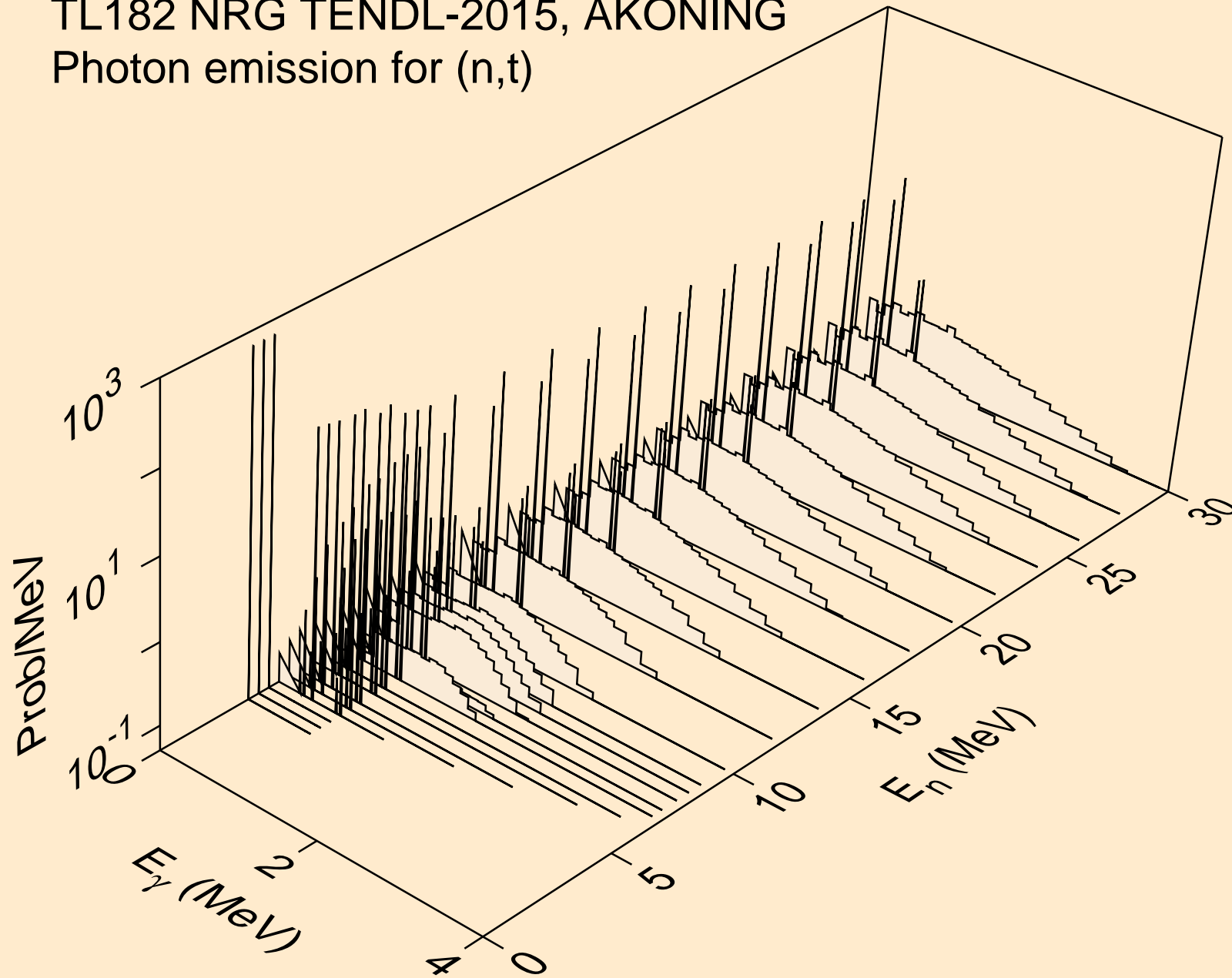
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



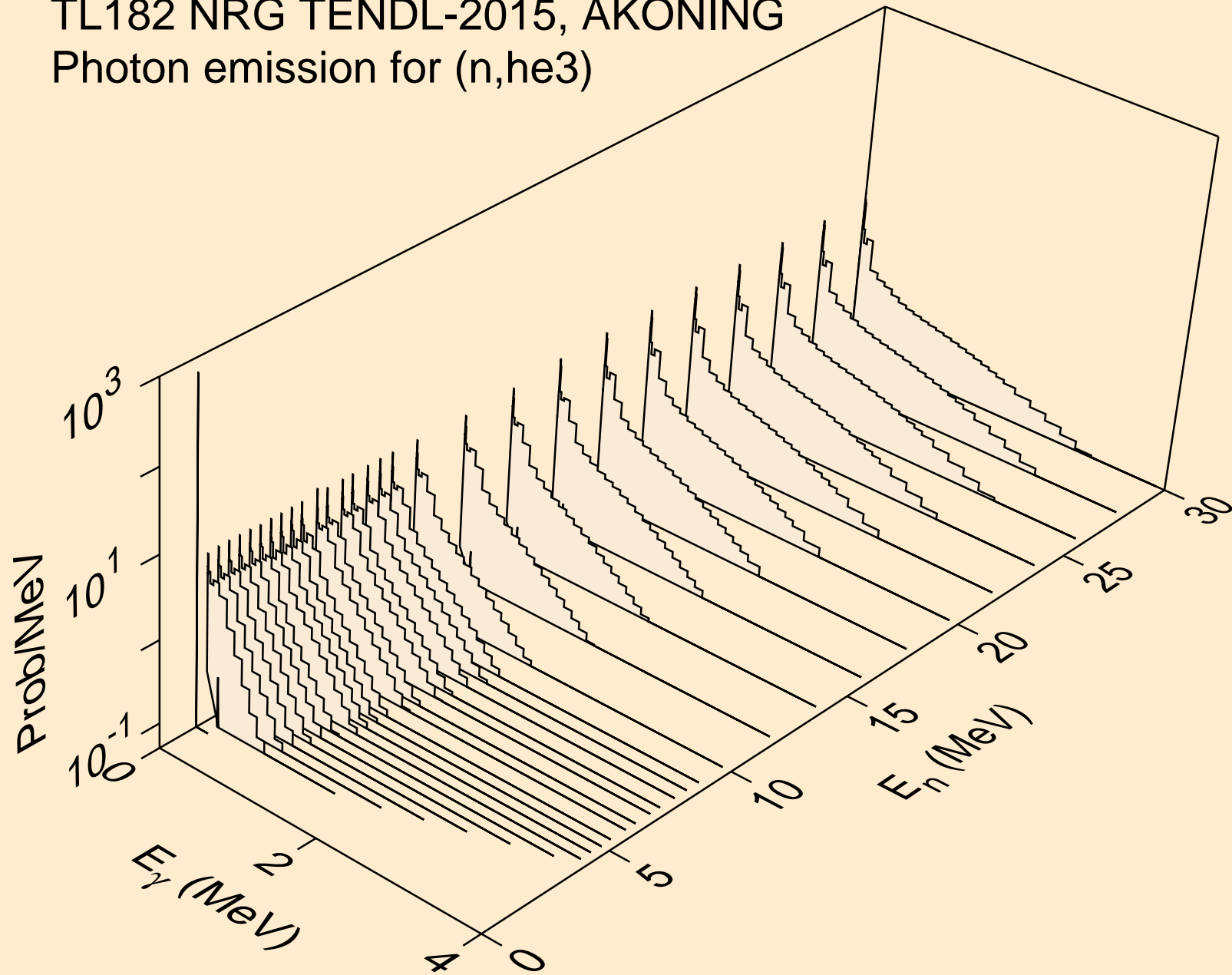
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



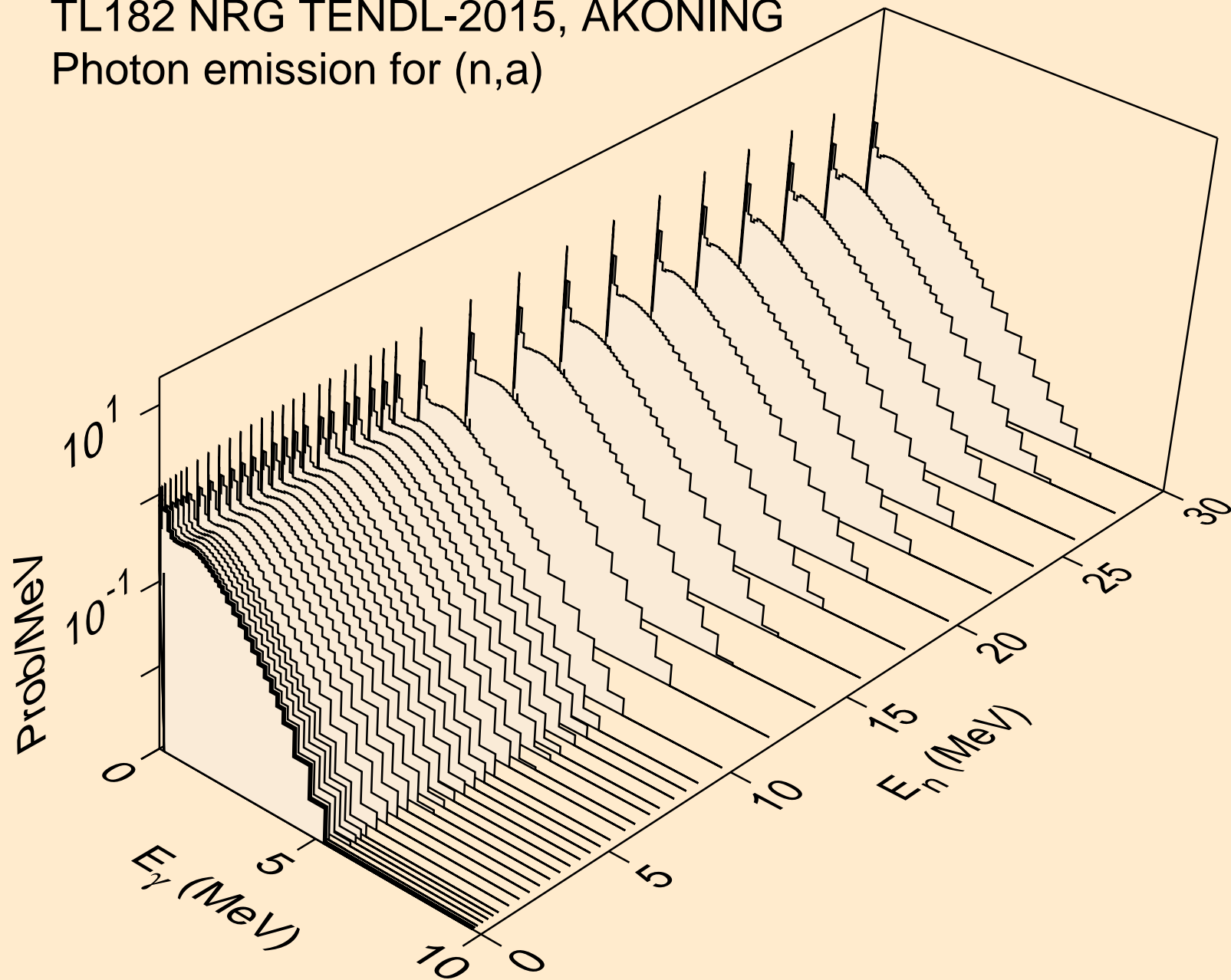
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

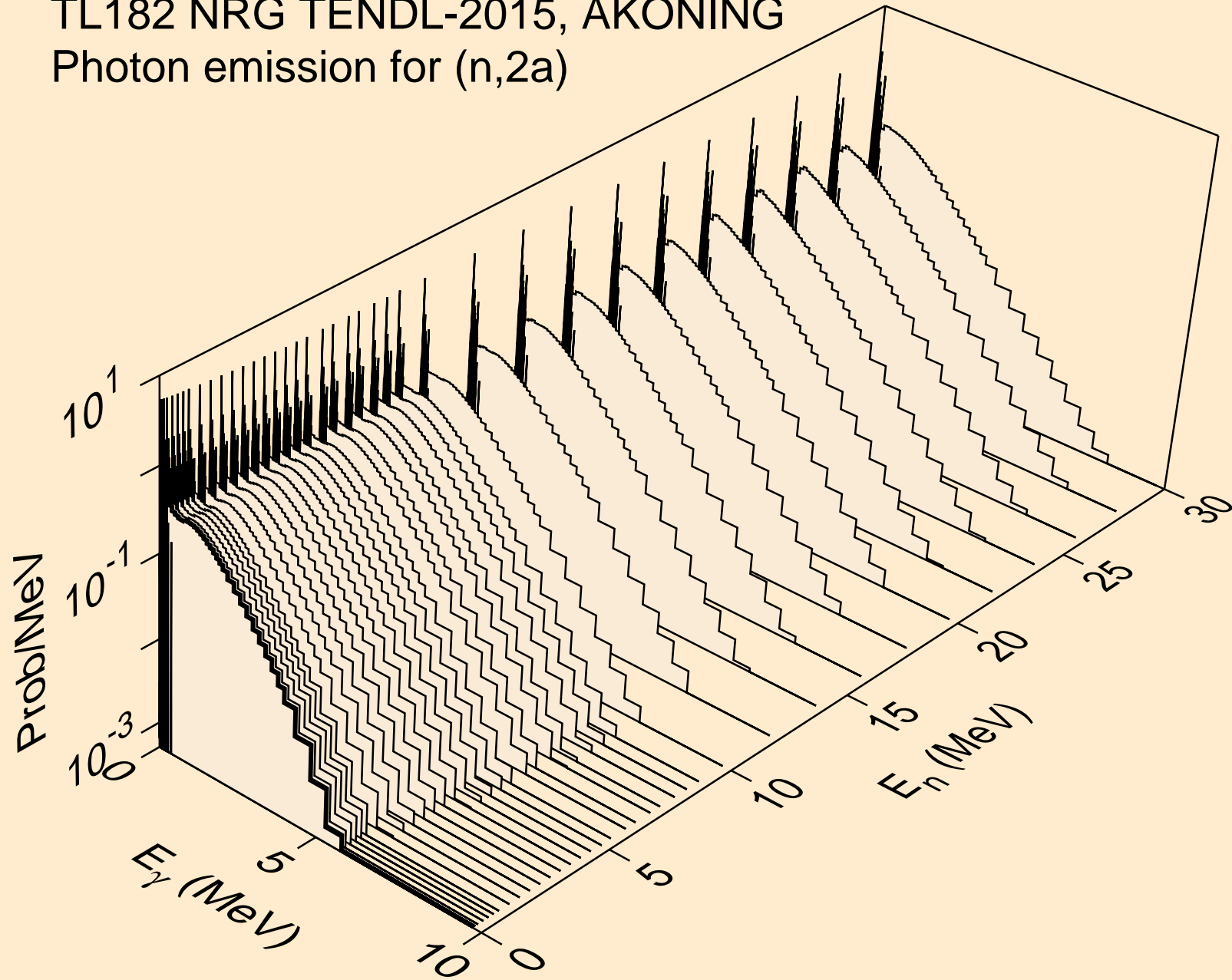


TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

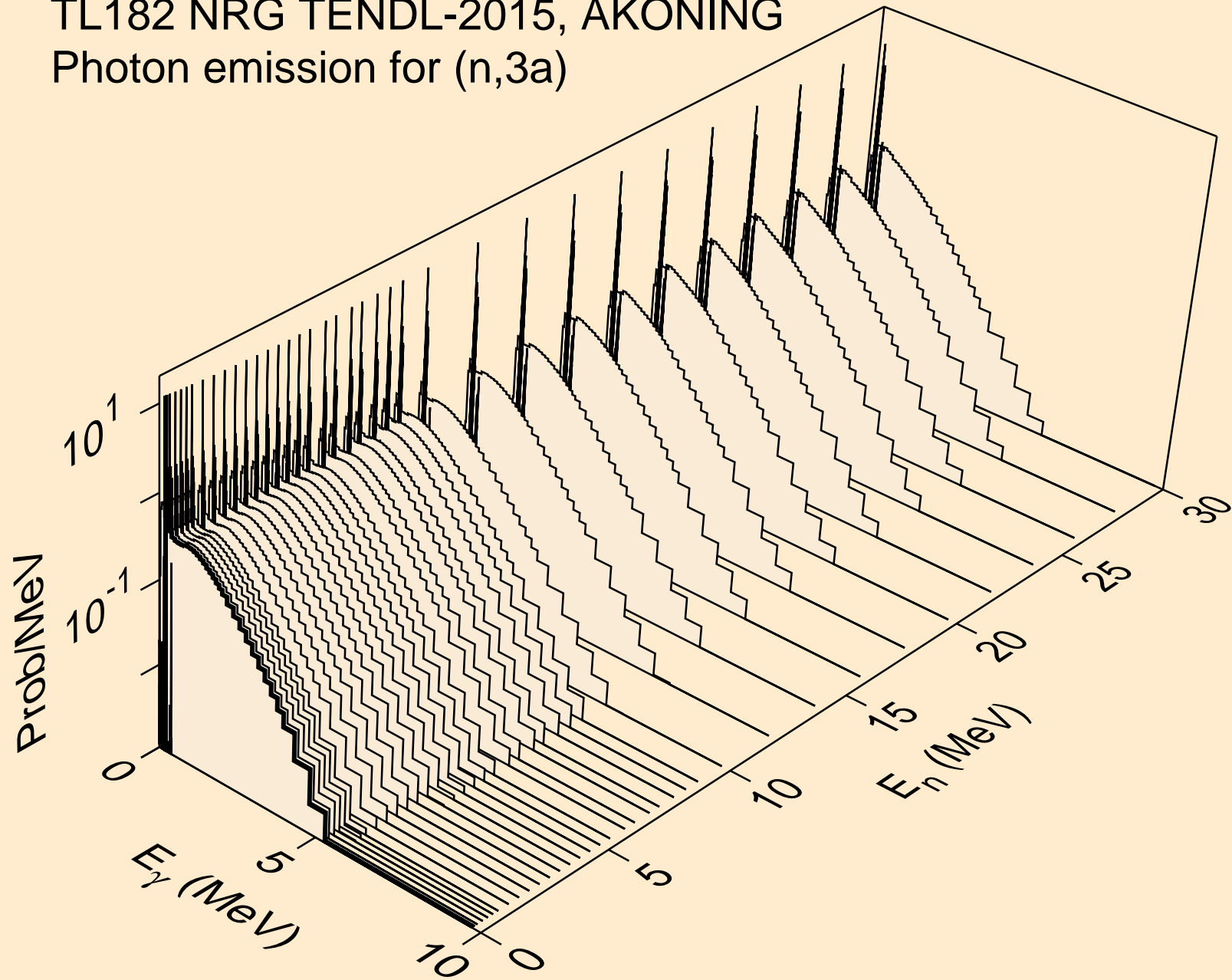




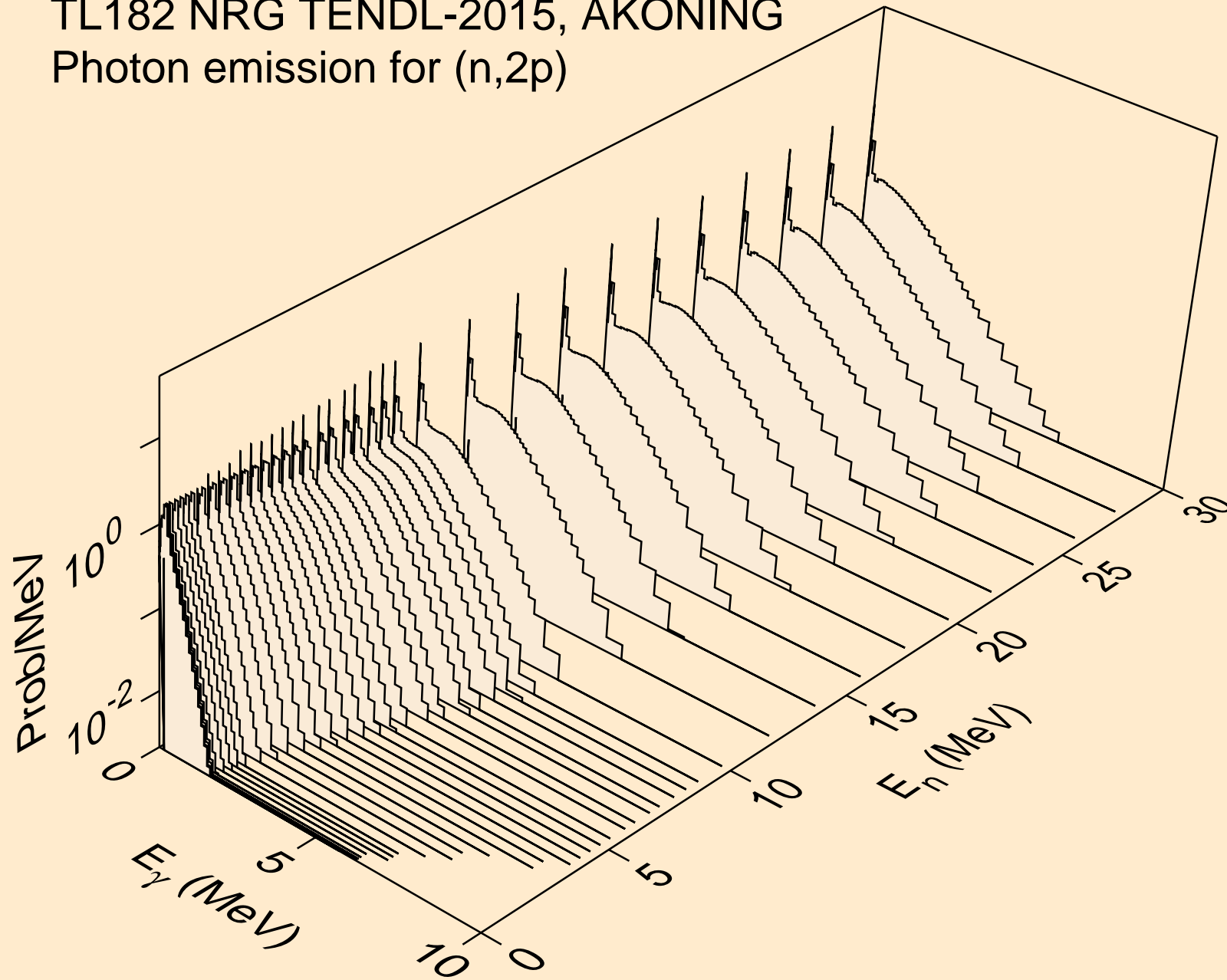
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



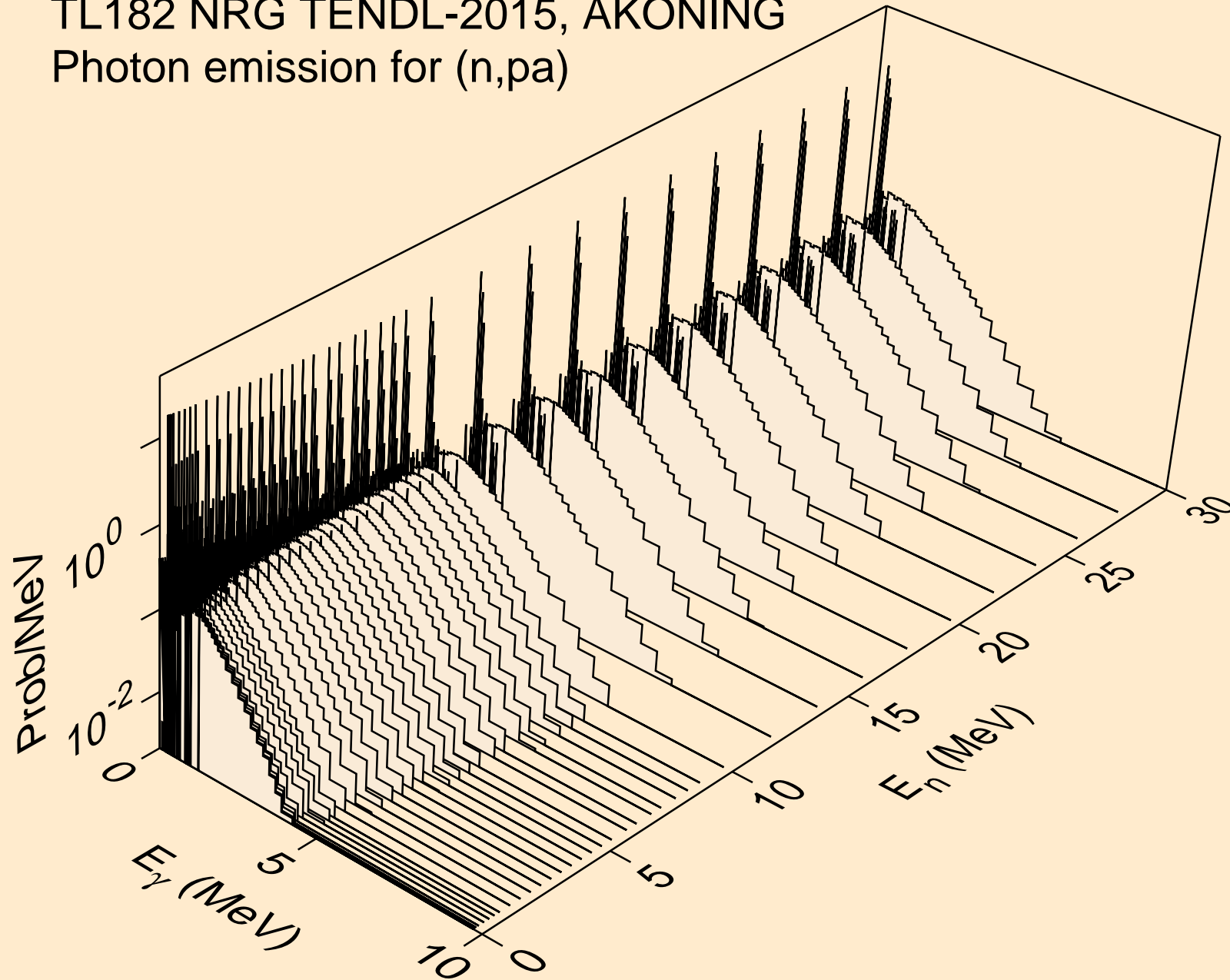
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



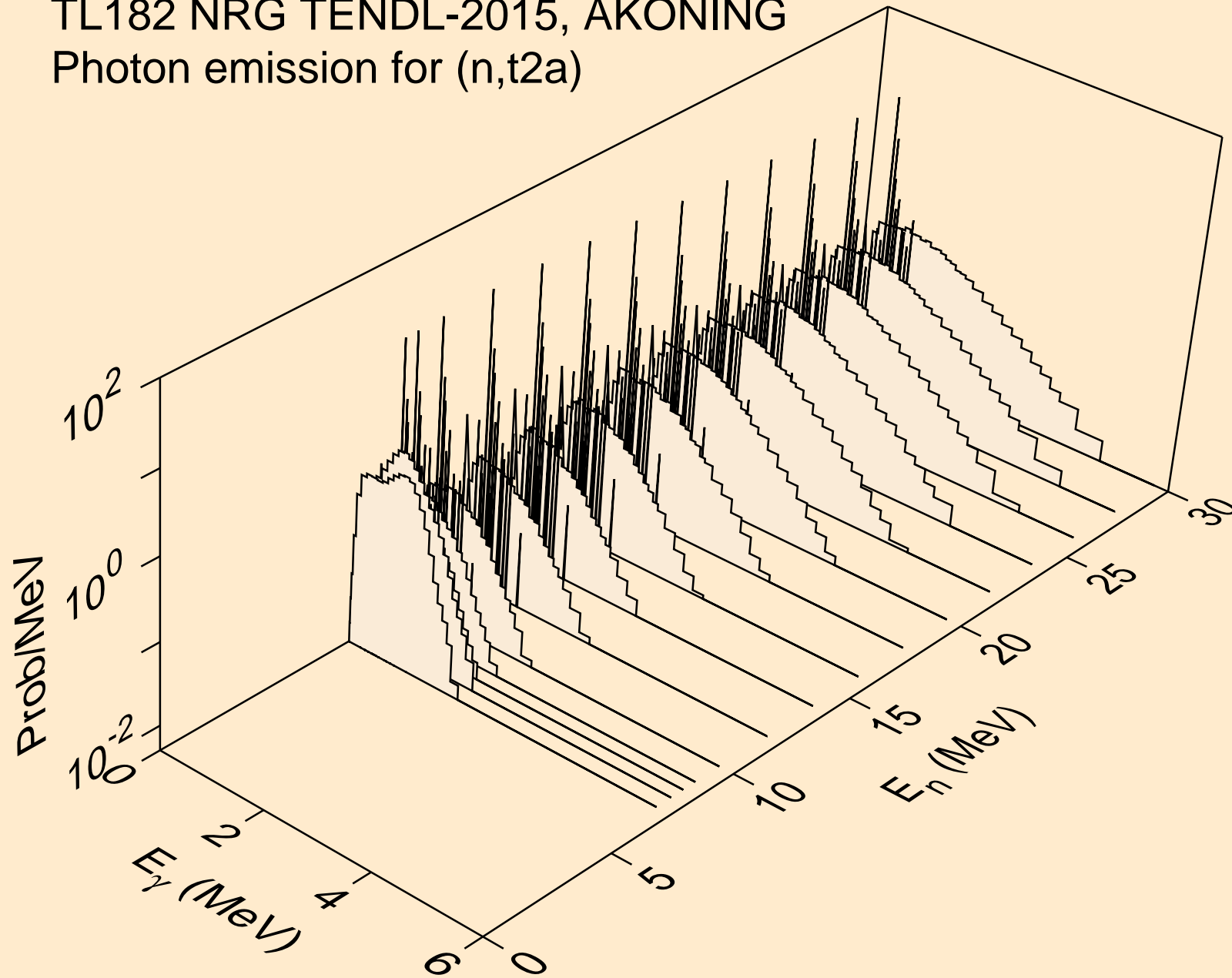
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



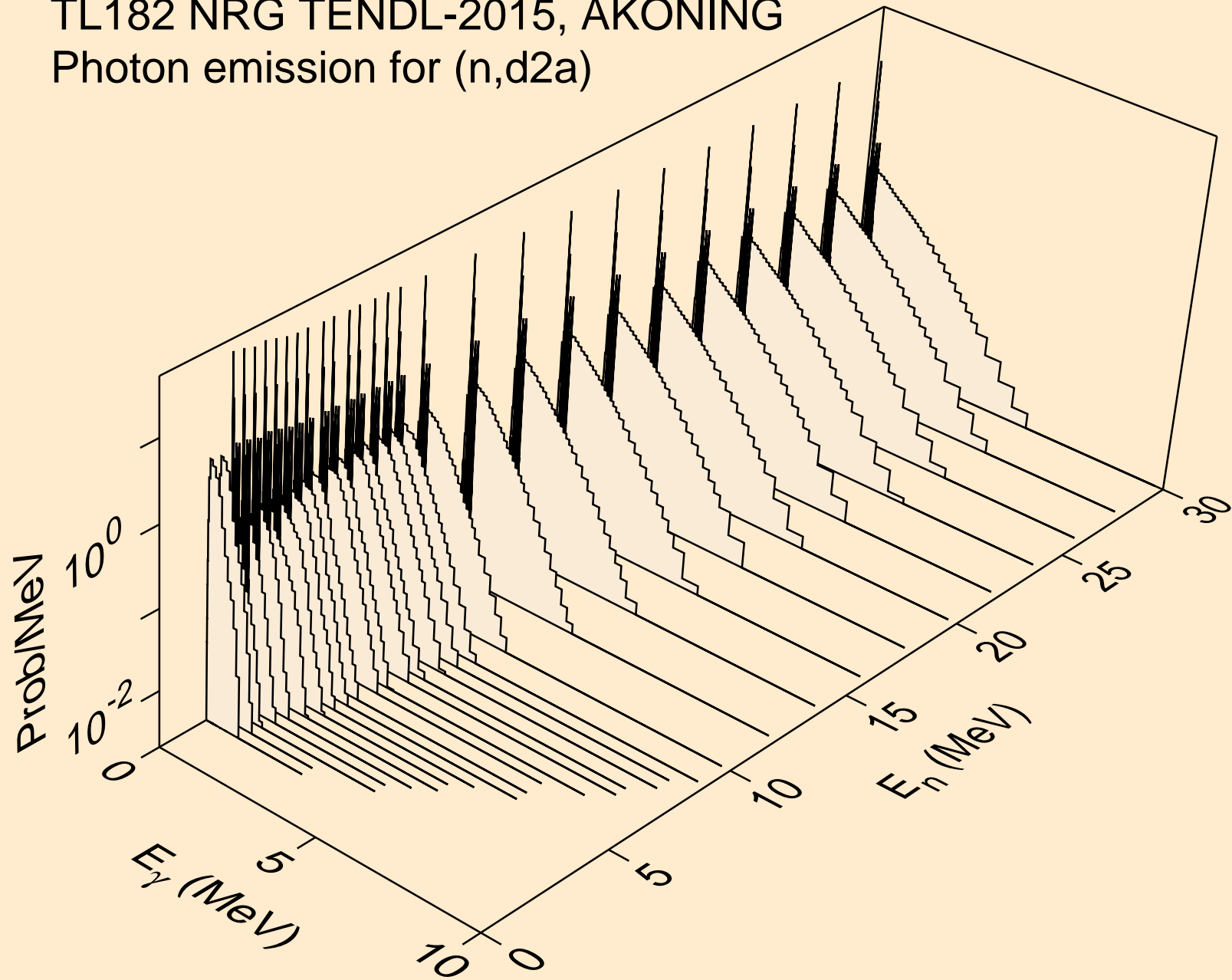
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



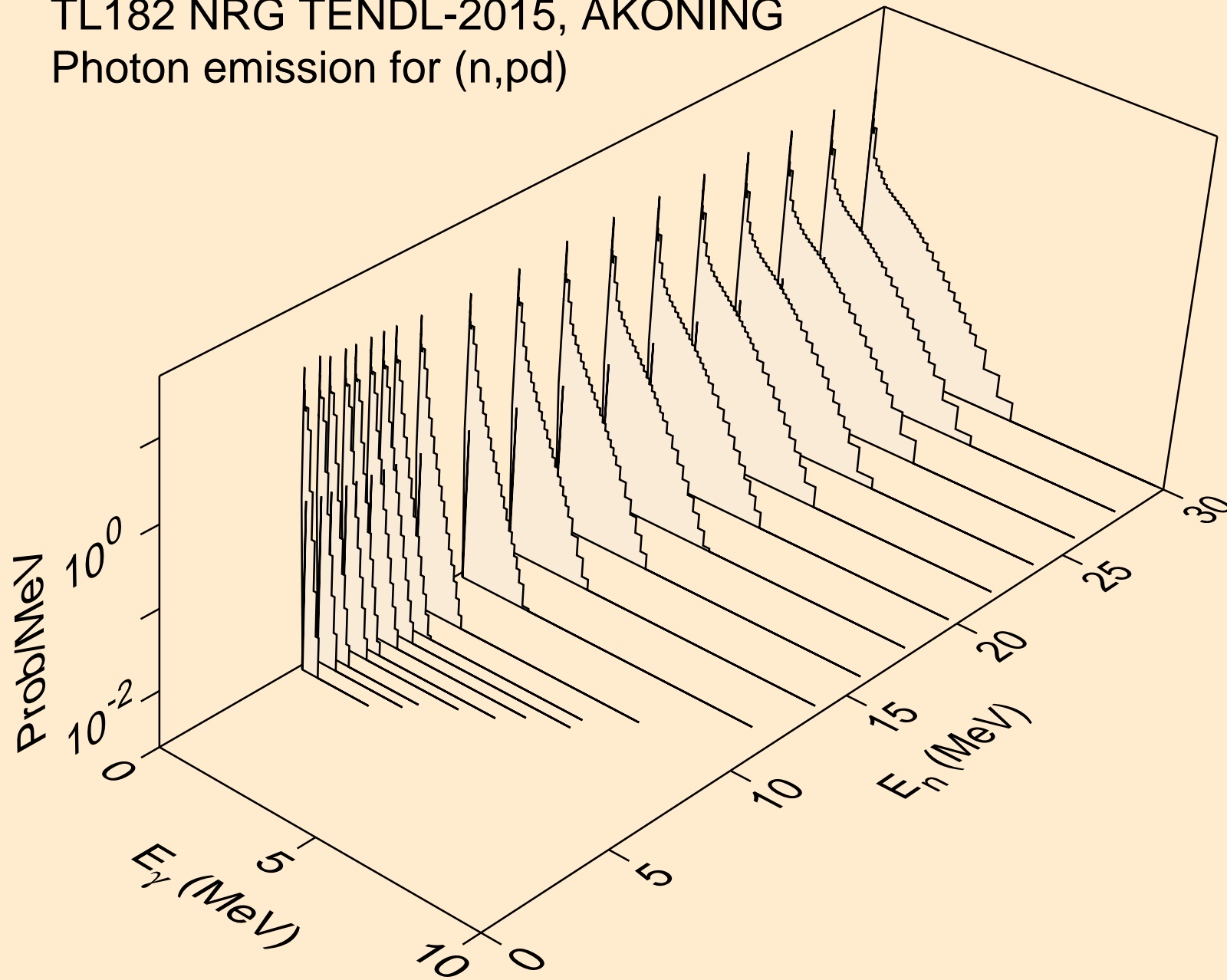
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



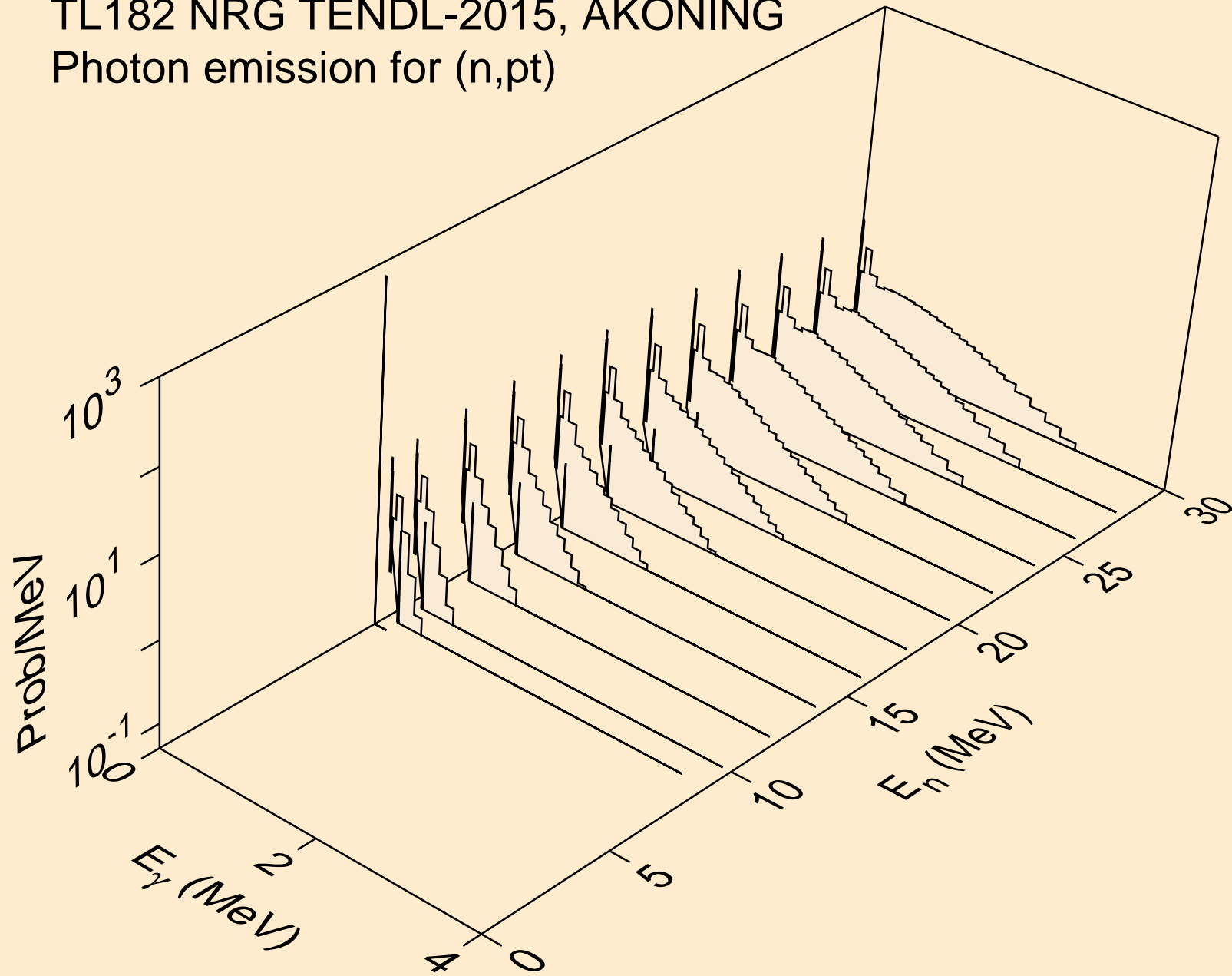
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

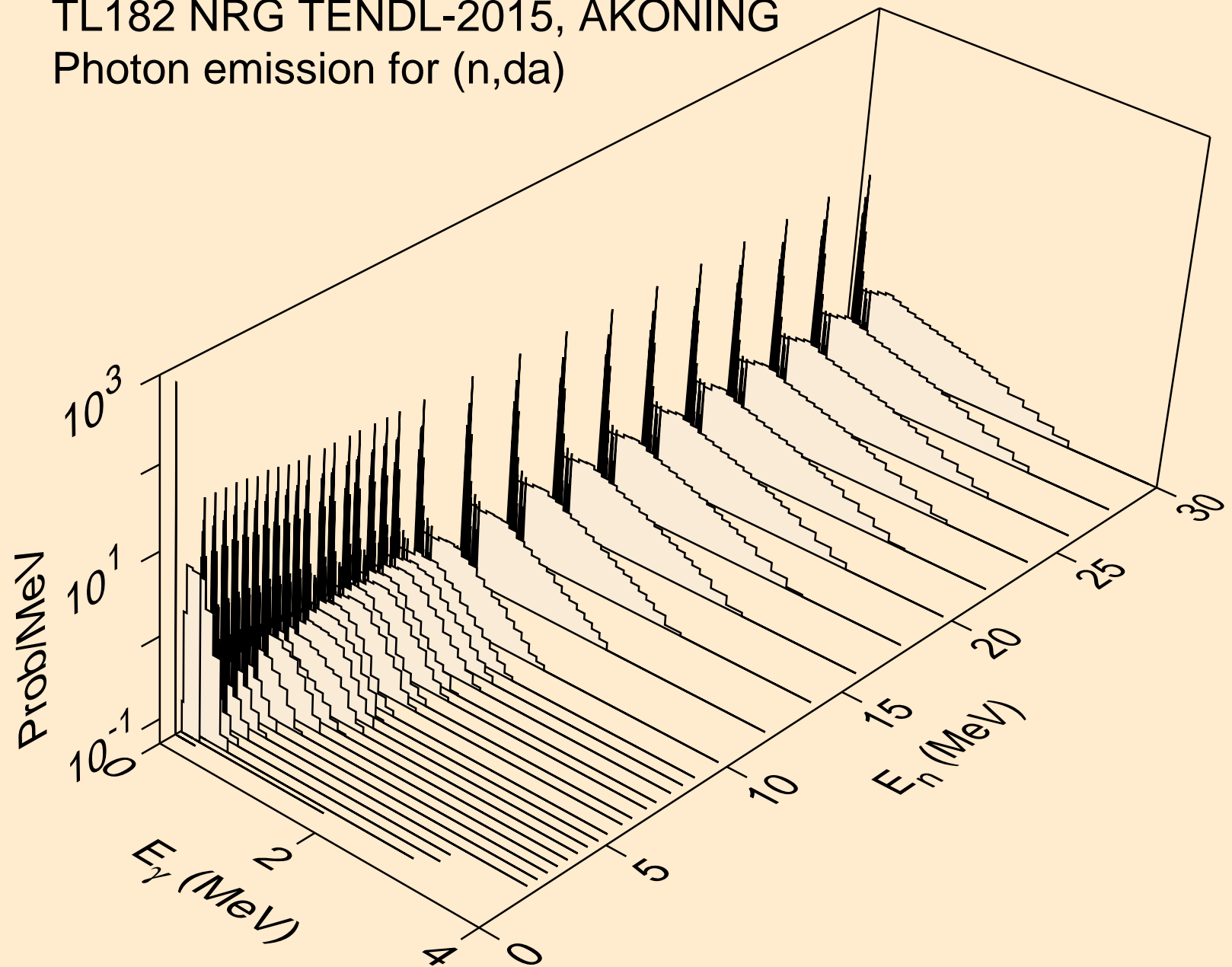


TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

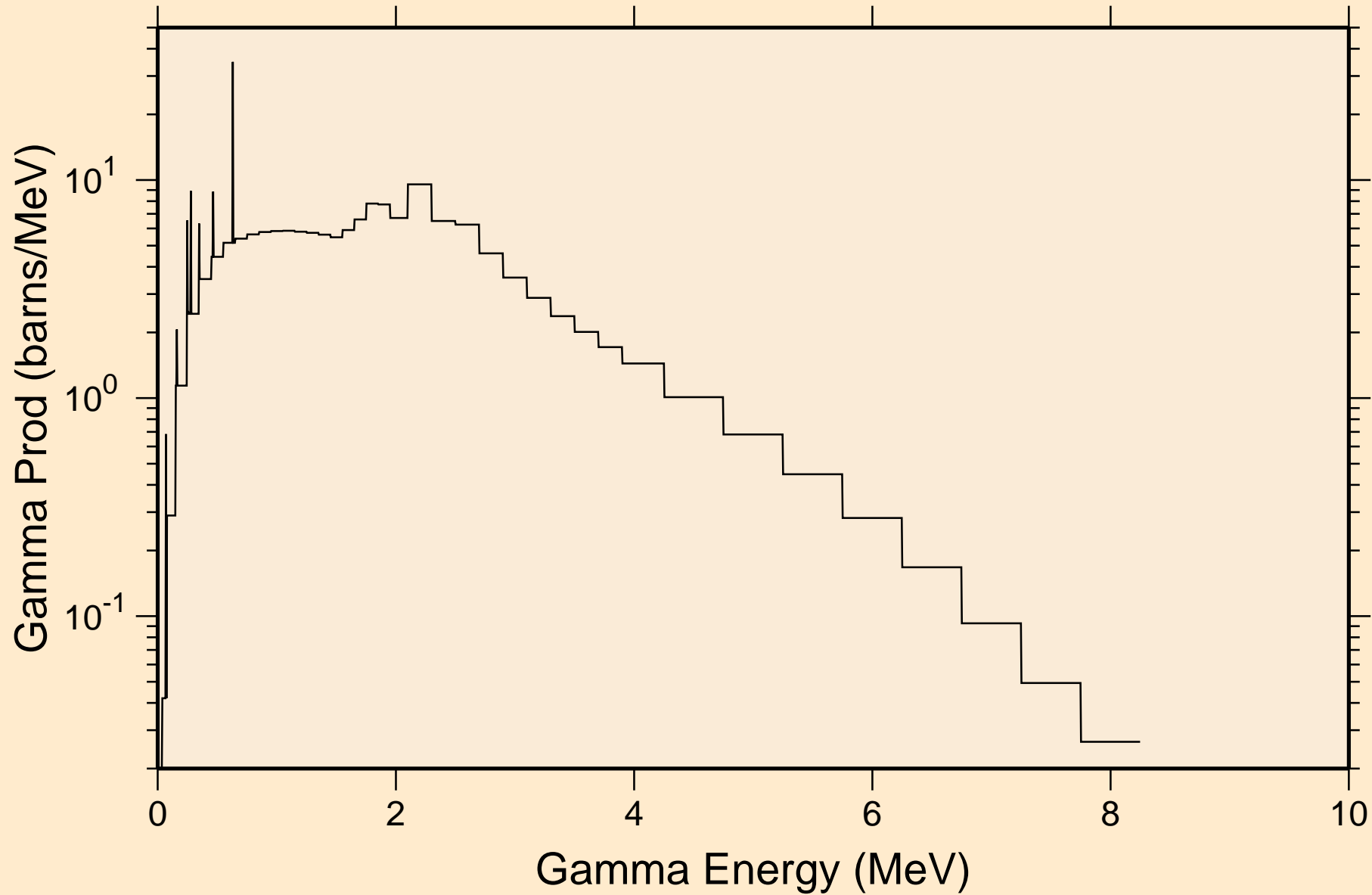




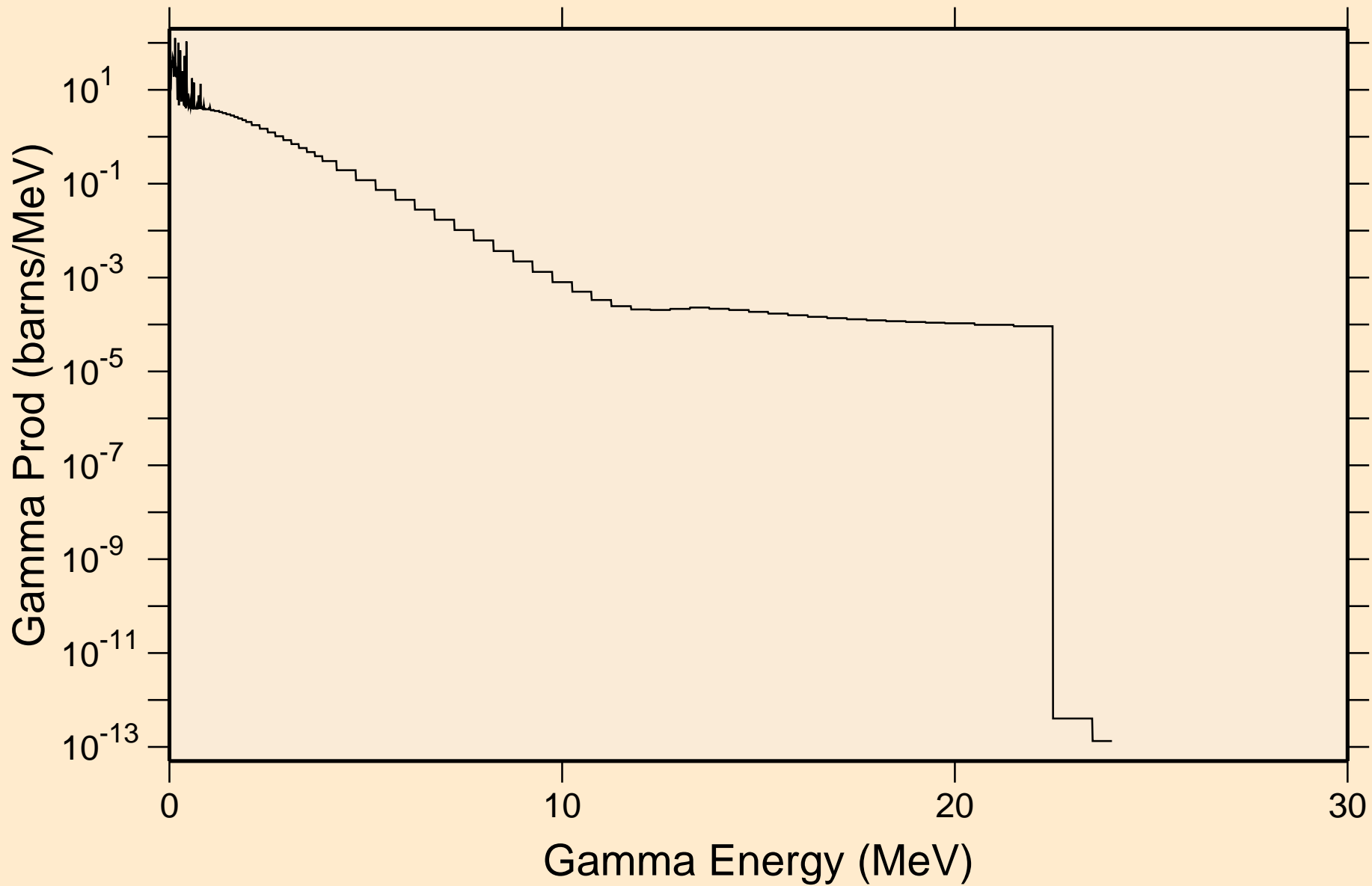
TL182 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



TL182 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

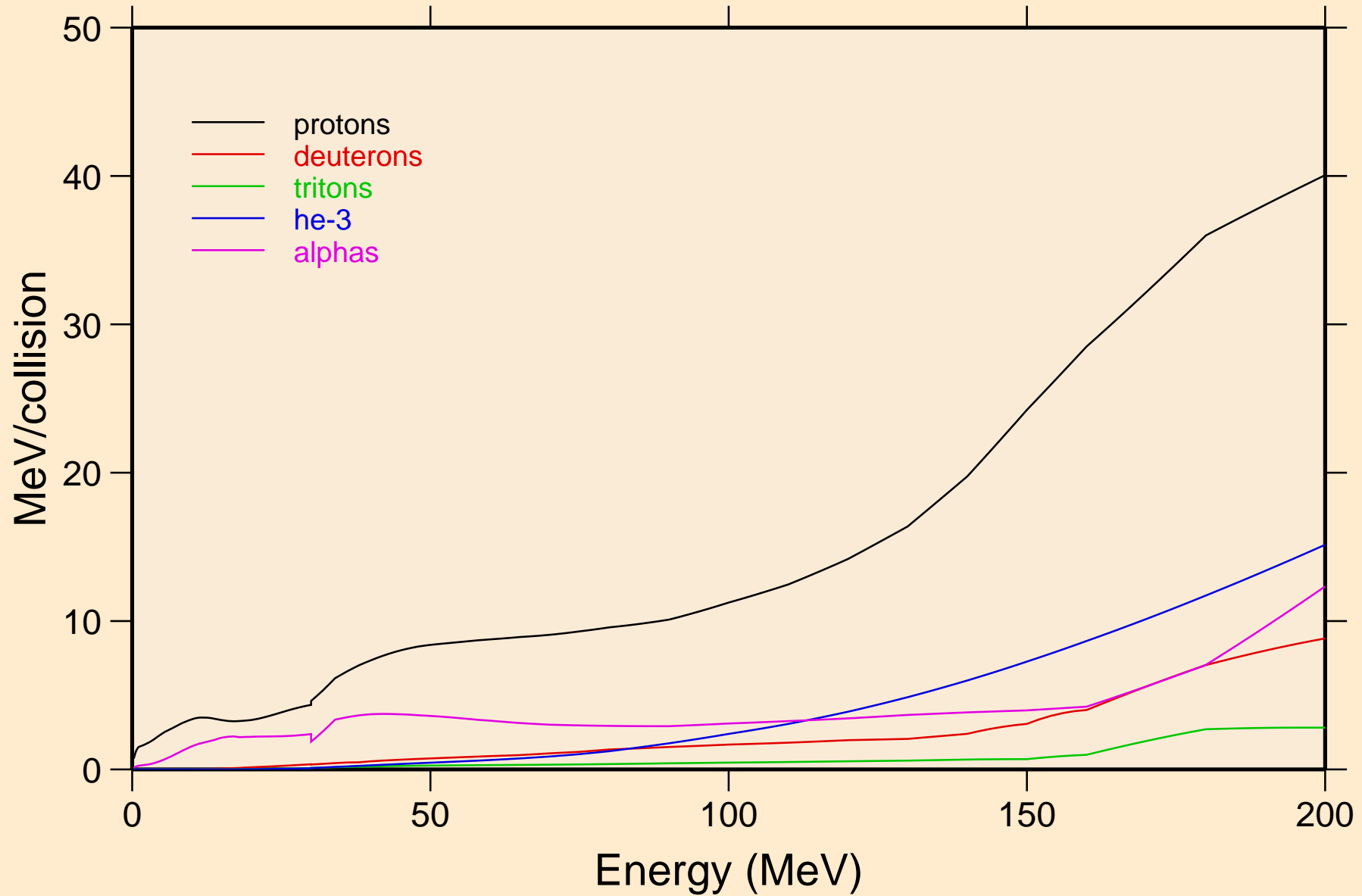


TL182 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



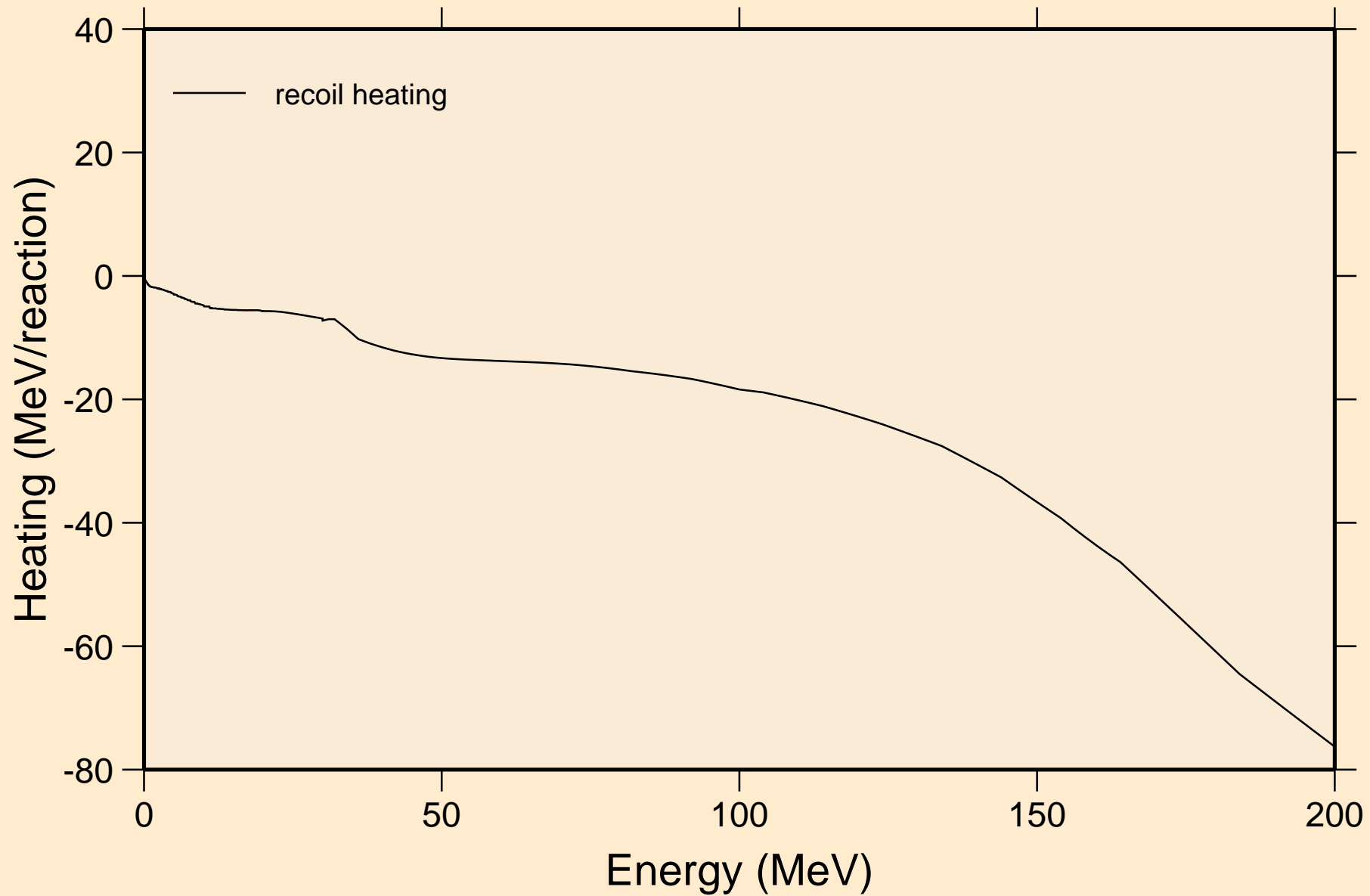
# TL182 NRG TENDL-2015, AKONING

## Particle heating contributions

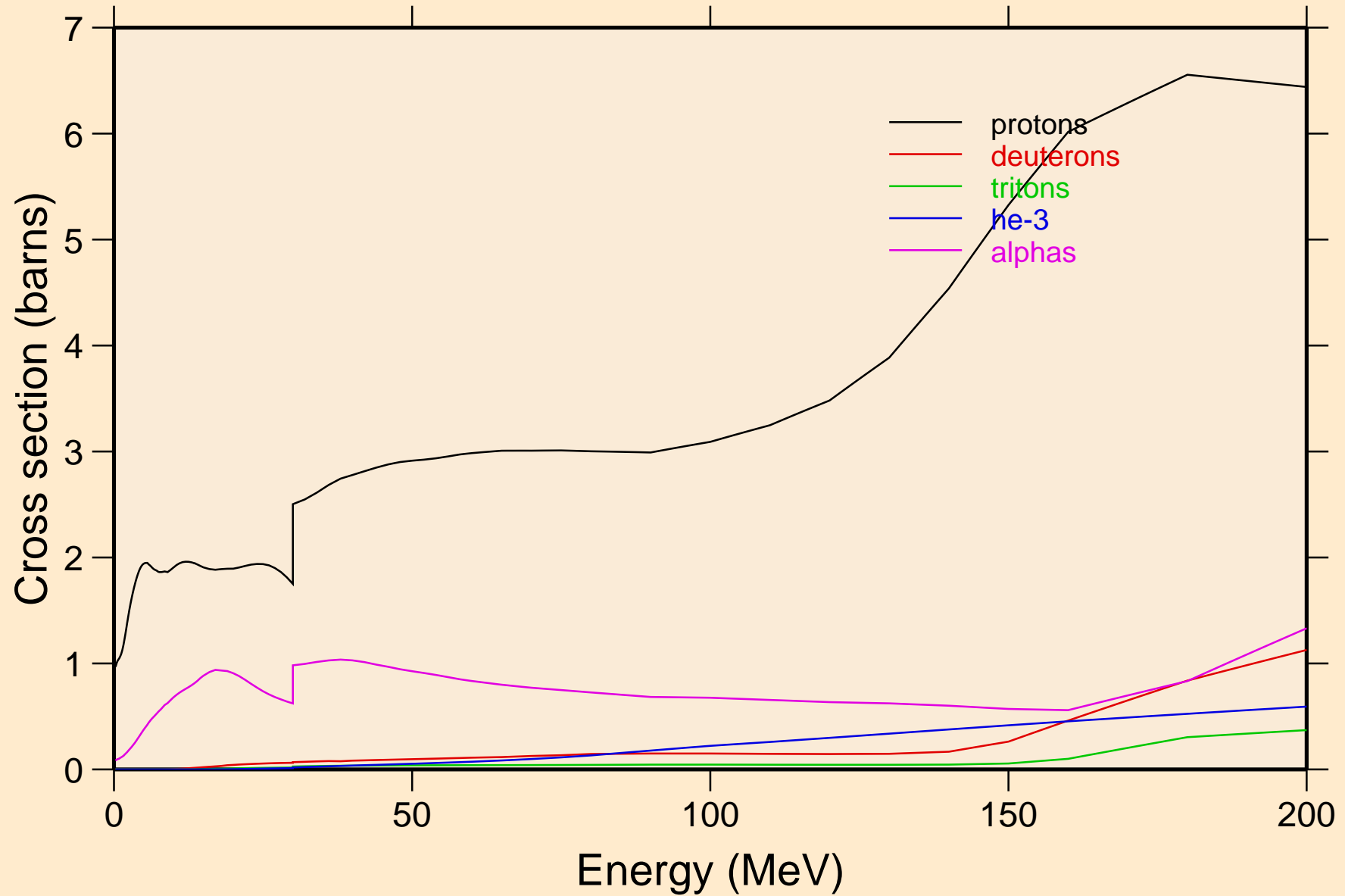


# TL182 NRG TENDL-2015, AKONING

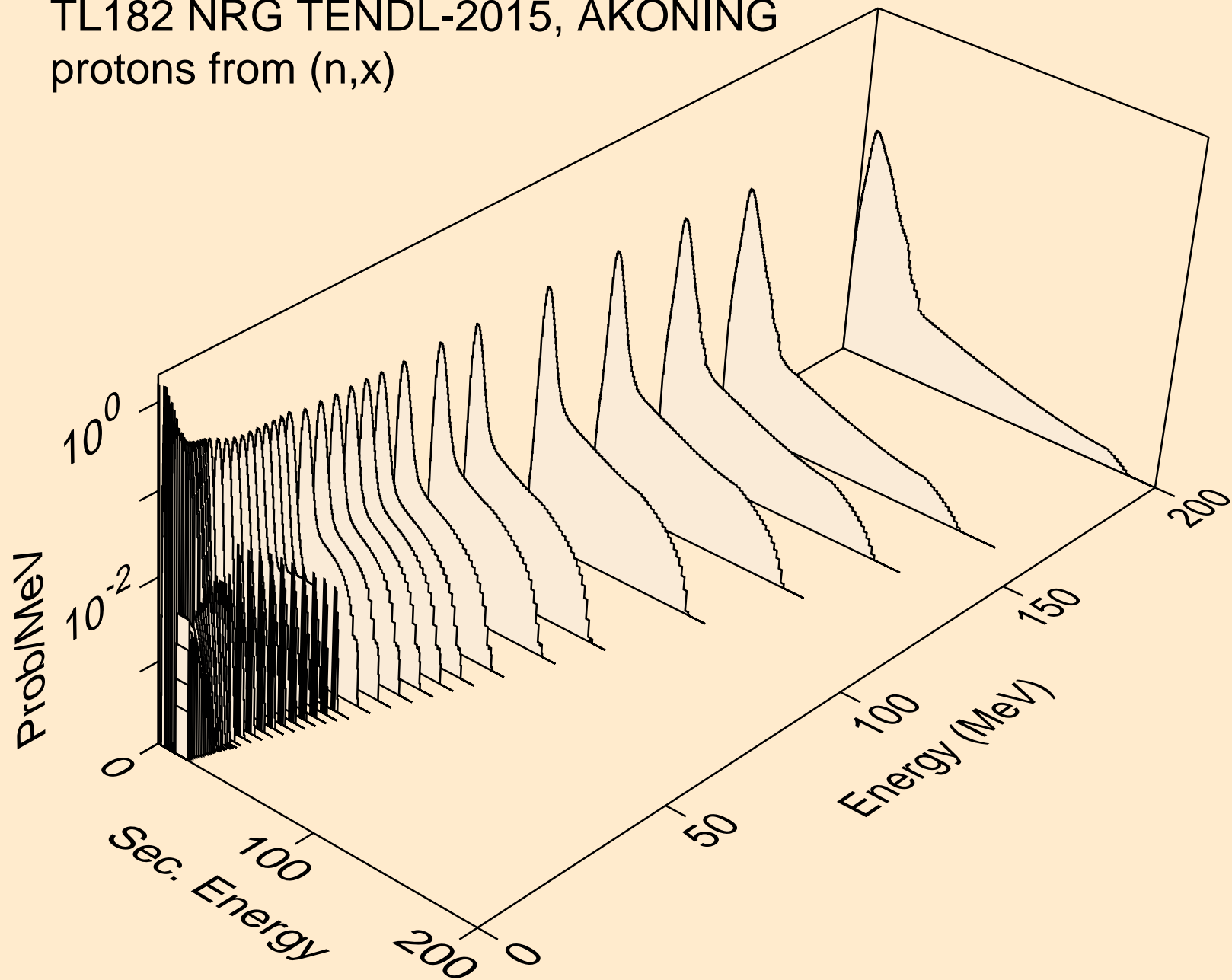
## Recoil Heating



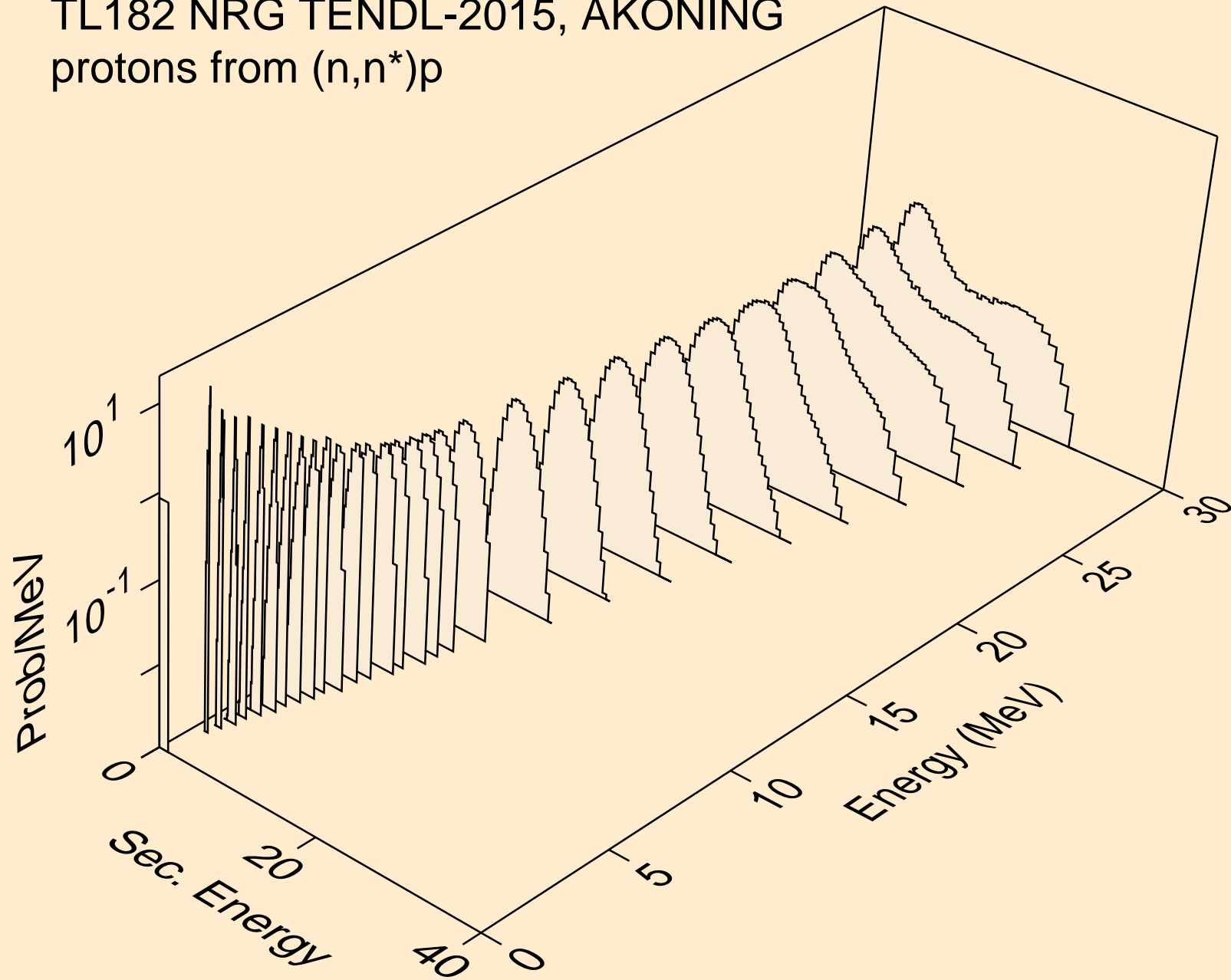
TL182 NRG TENDL-2015, AKONING  
Particle production cross sections



TL182 NRG TENDL-2015, AKONING  
protons from (n,x)

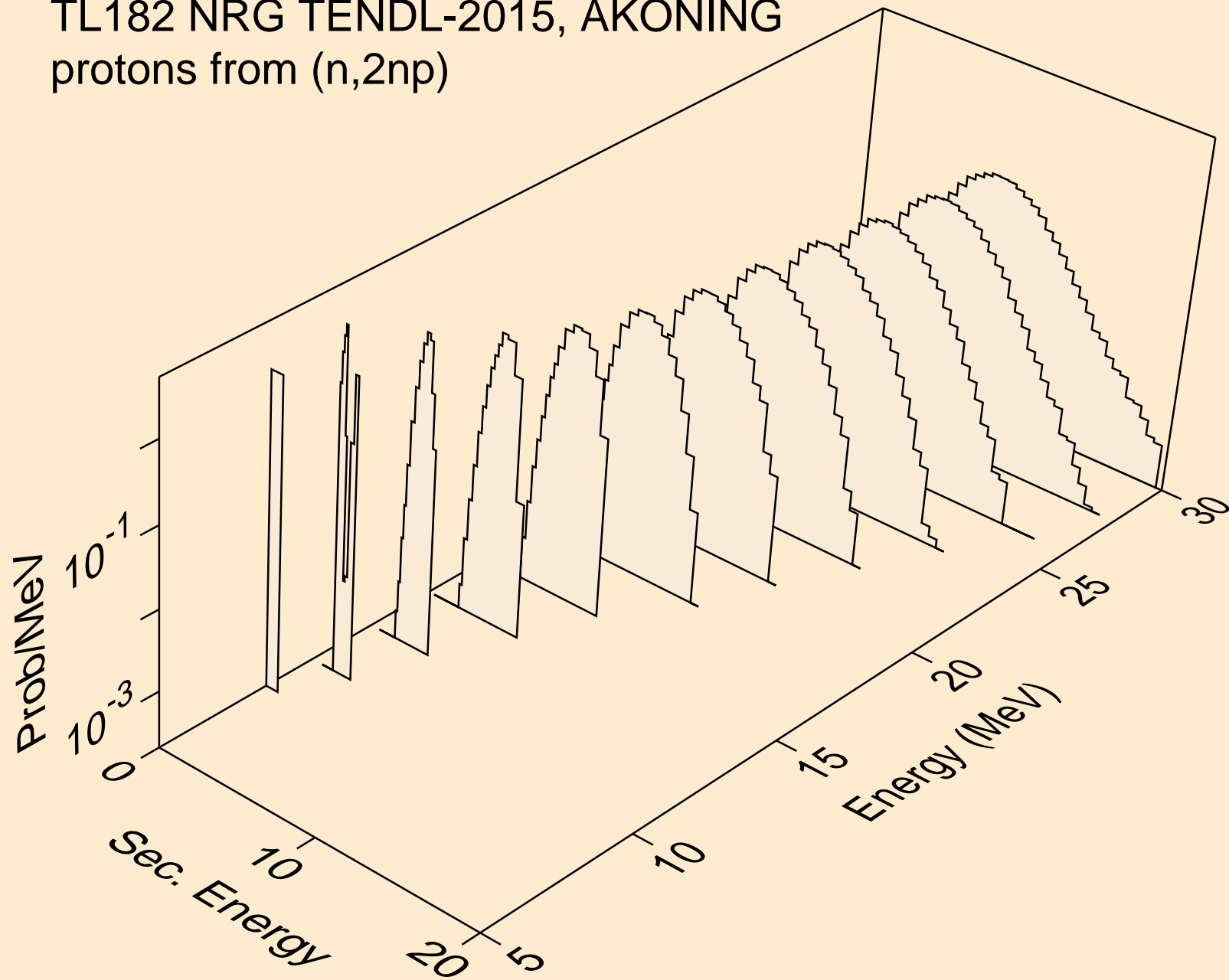


TL182 NRG TENDL-2015, AKONING  
protons from (n,n\*)p

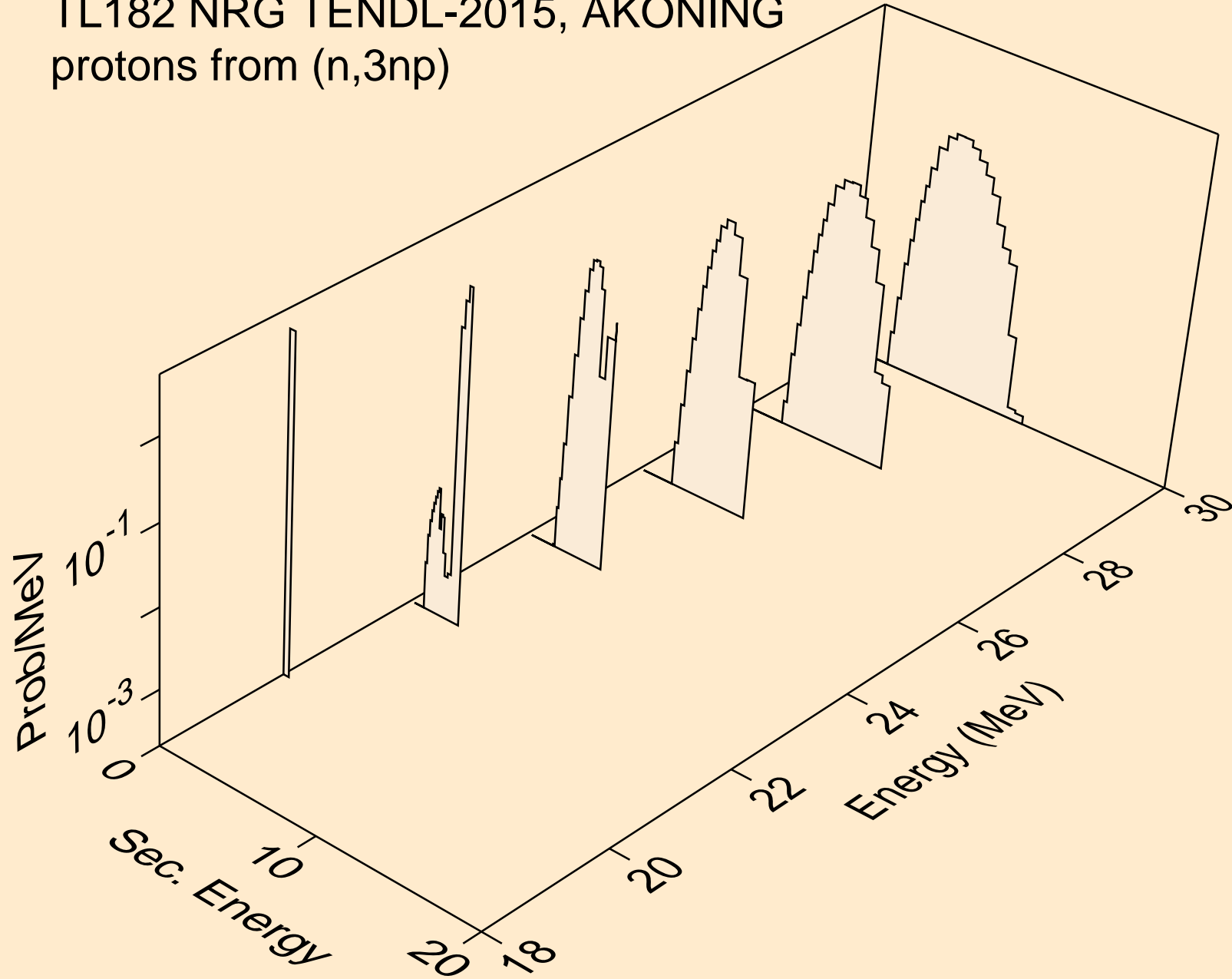




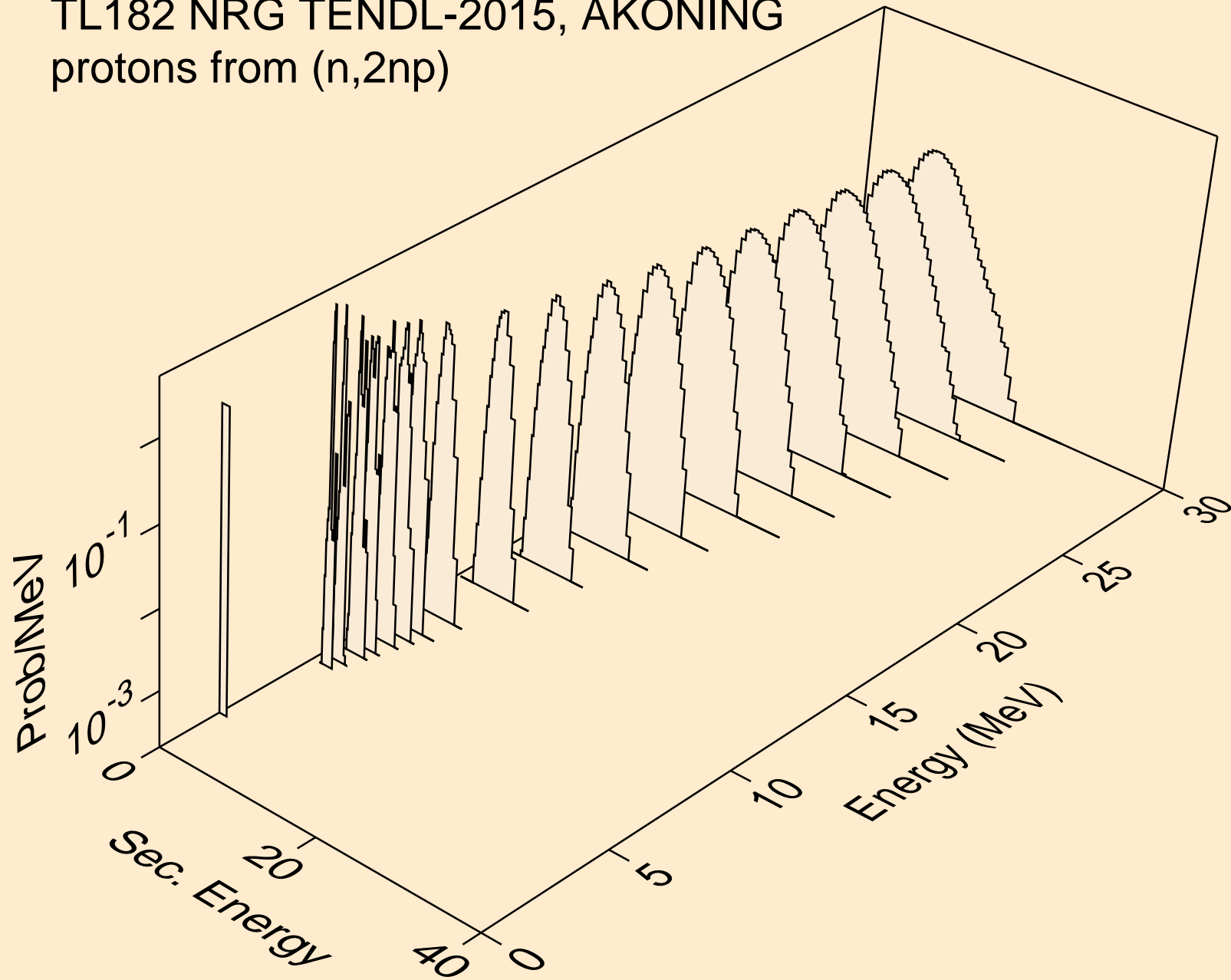
TL182 NRG TENDL-2015, AKONING  
protons from (n,2np)



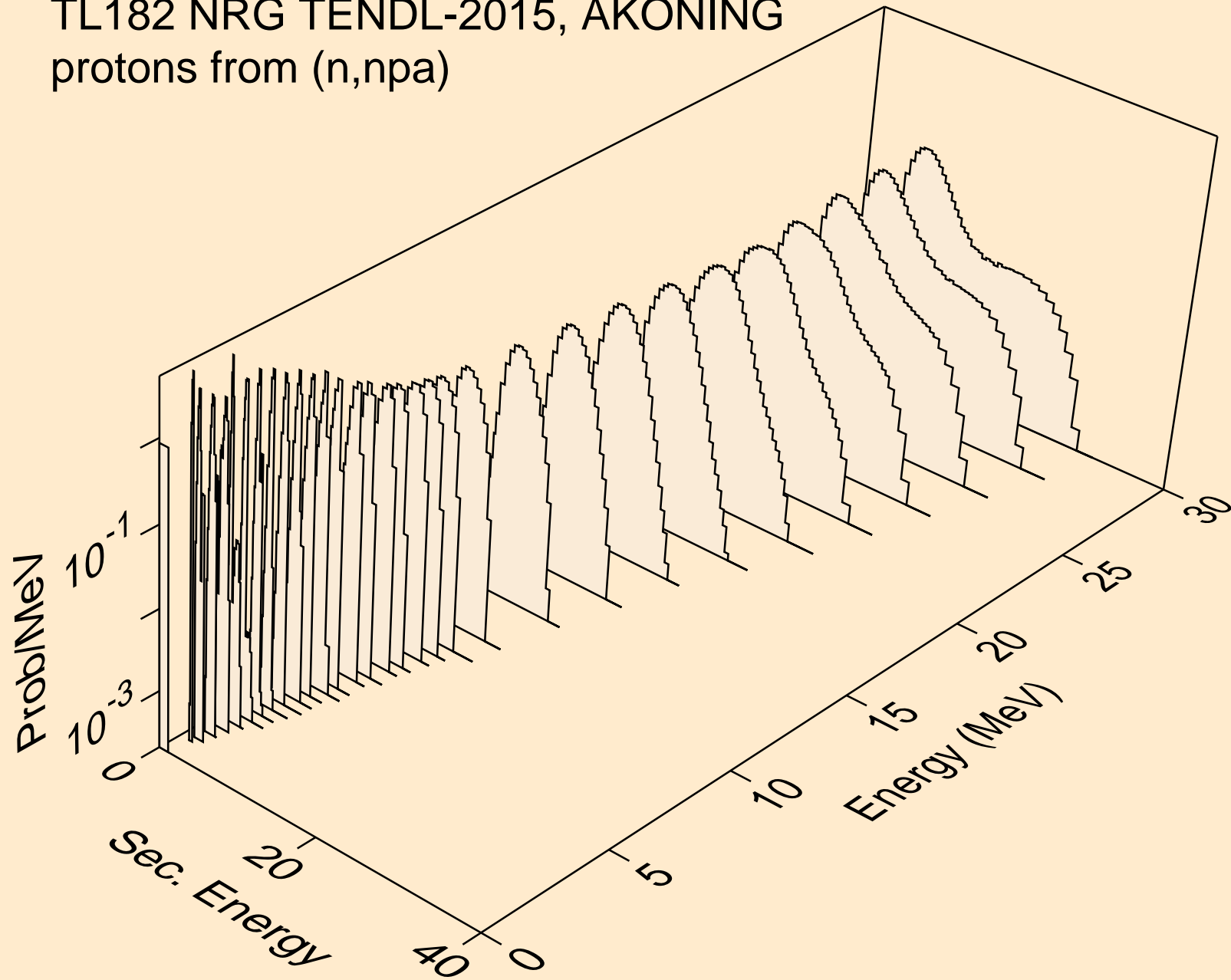
TL182 NRG TENDL-2015, AKONING  
protons from (n,3np)



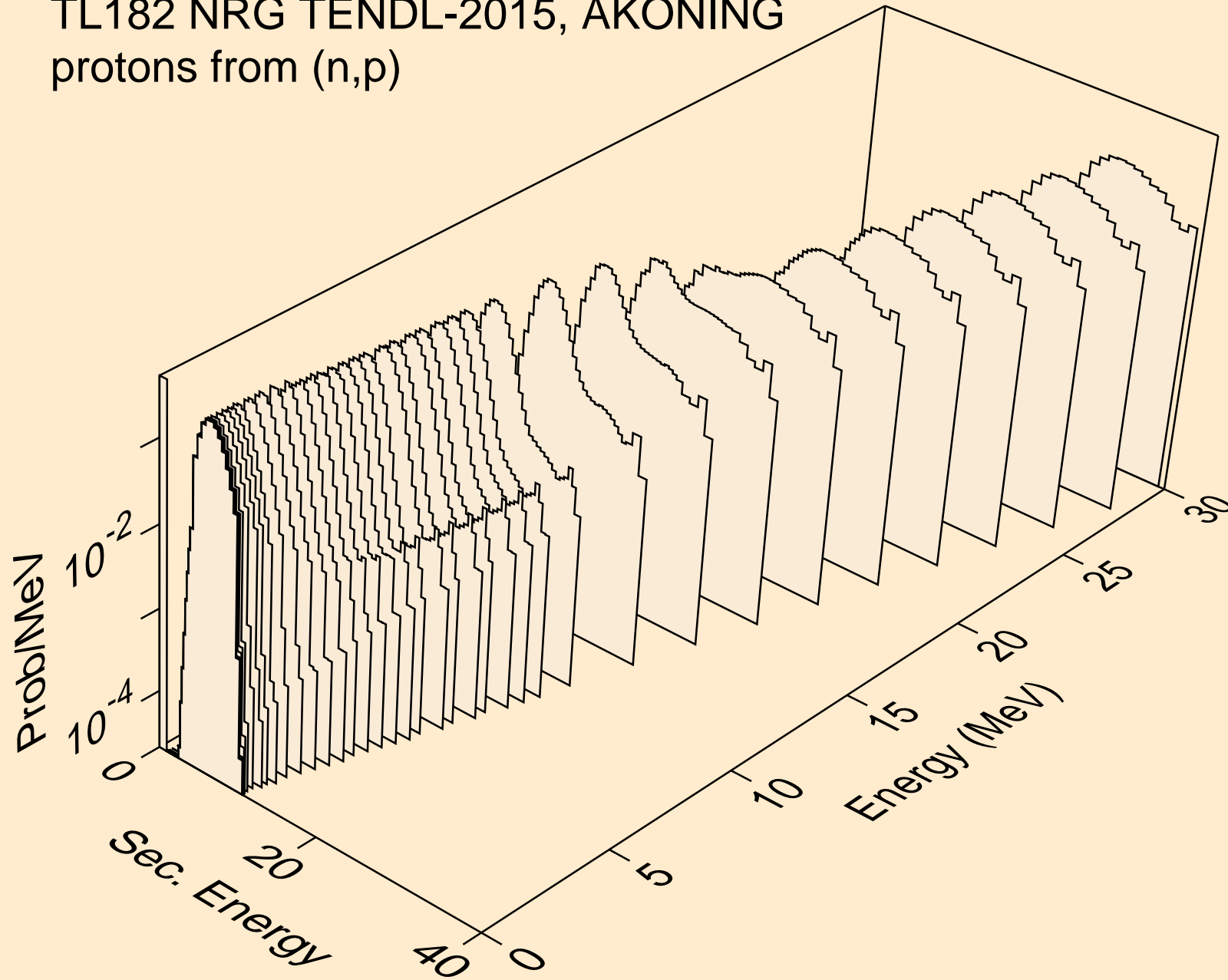
TL182 NRG TENDL-2015, AKONING  
protons from (n,2np)



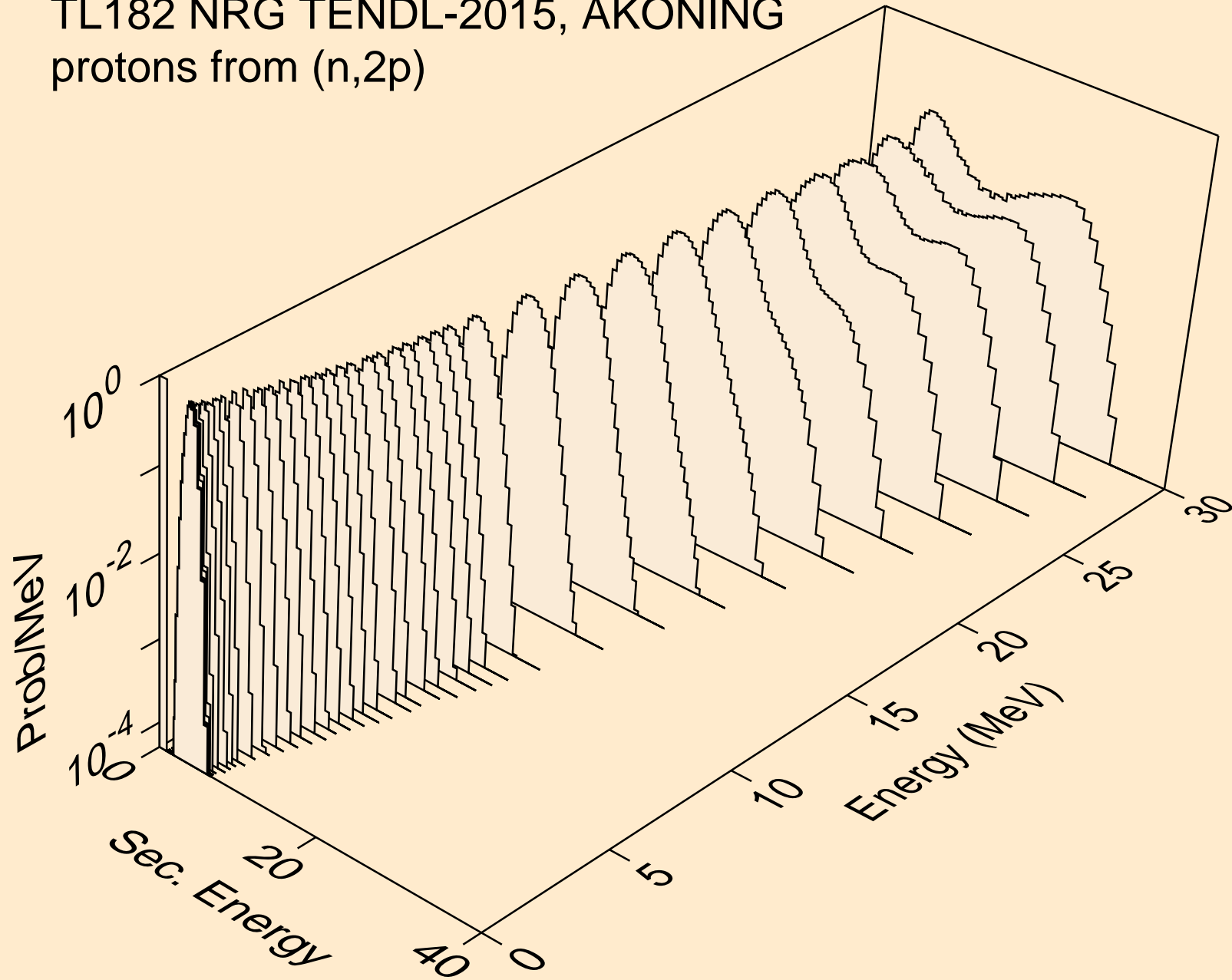
TL182 NRG TENDL-2015, AKONING  
protons from (n,npa)



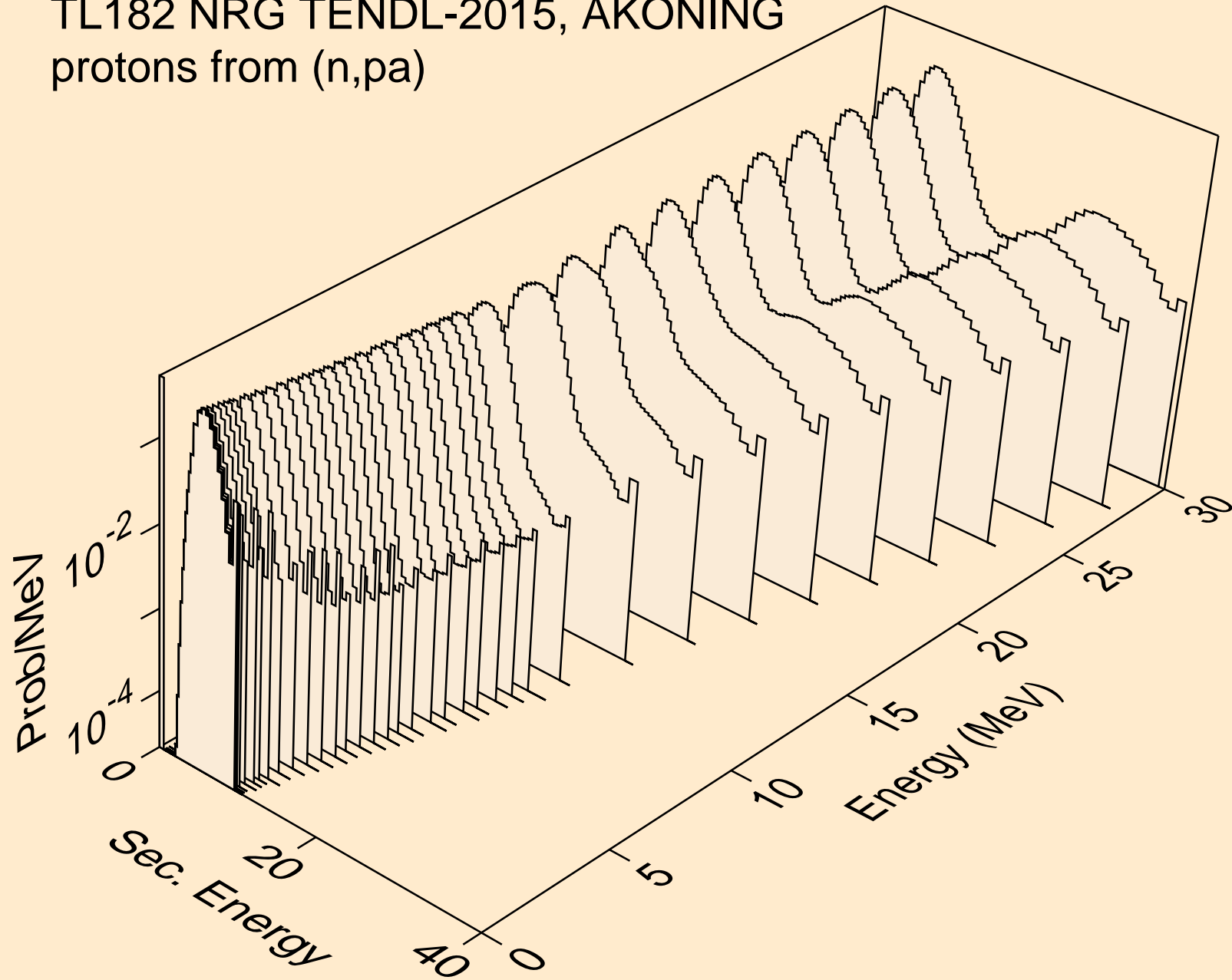
TL182 NRG TENDL-2015, AKONING  
protons from (n,p)



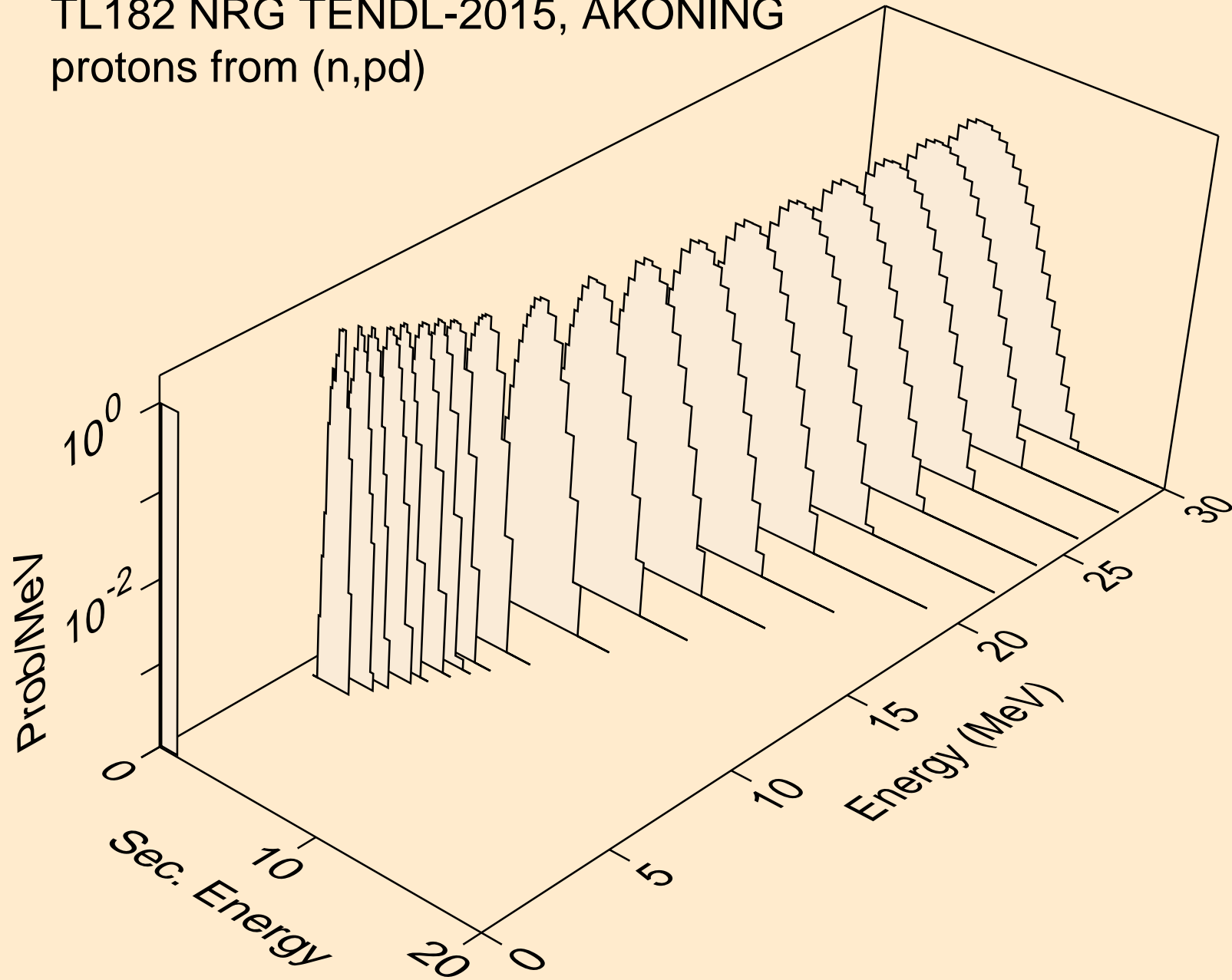
TL182 NRG TENDL-2015, AKONING  
protons from (n,2p)



TL182 NRG TENDL-2015, AKONING  
protons from (n,pa)

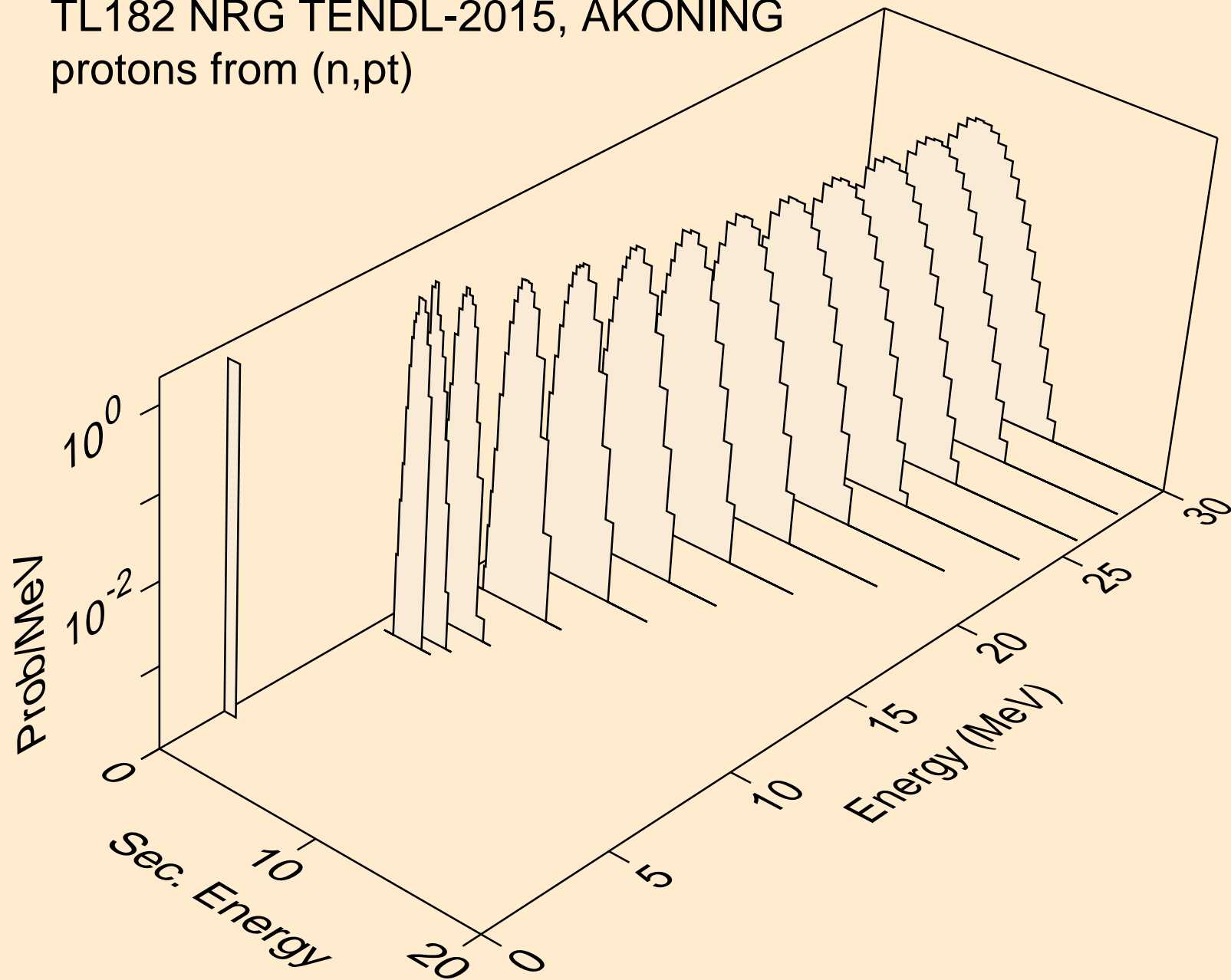


TL182 NRG TENDL-2015, AKONING  
protons from (n,pd)

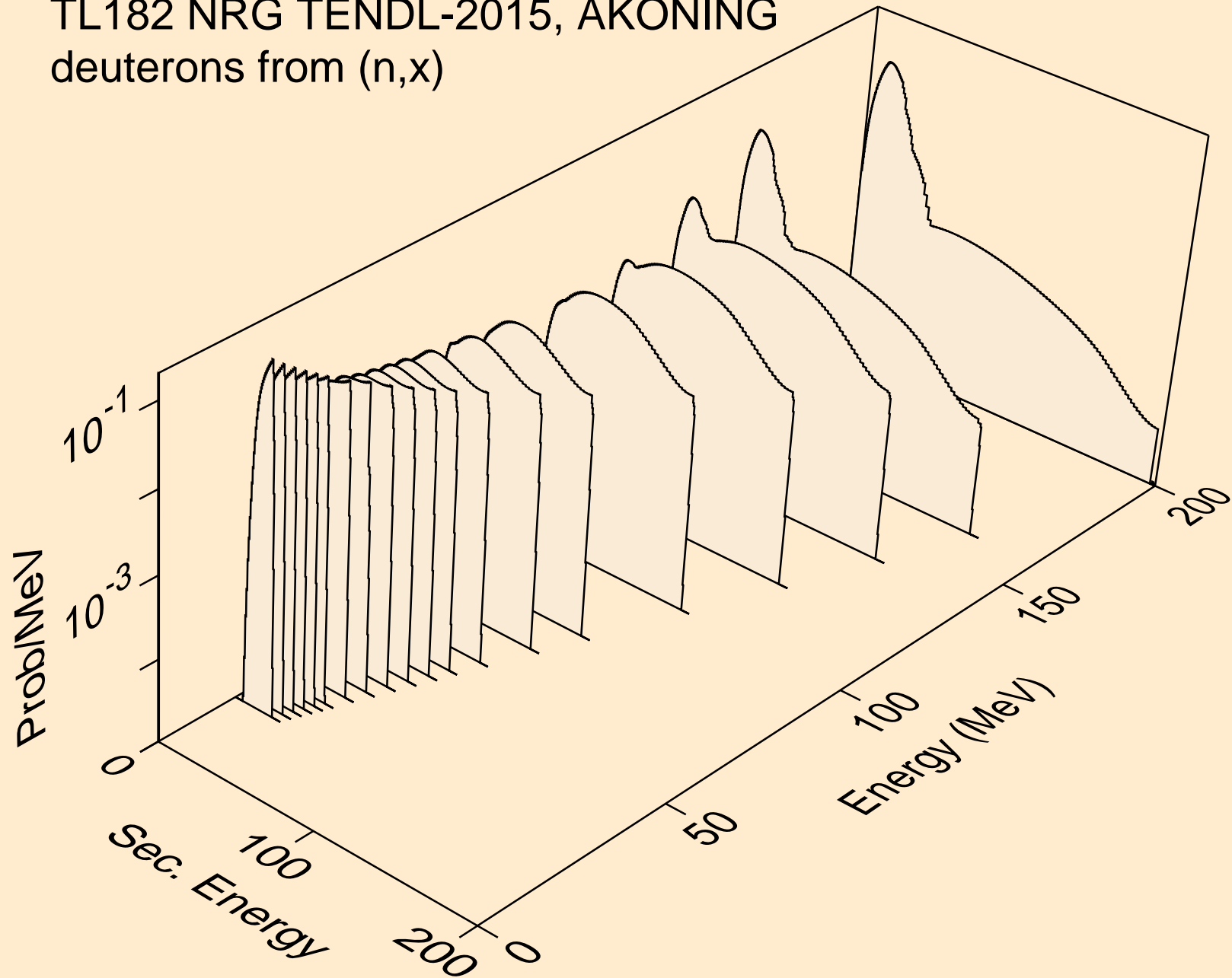




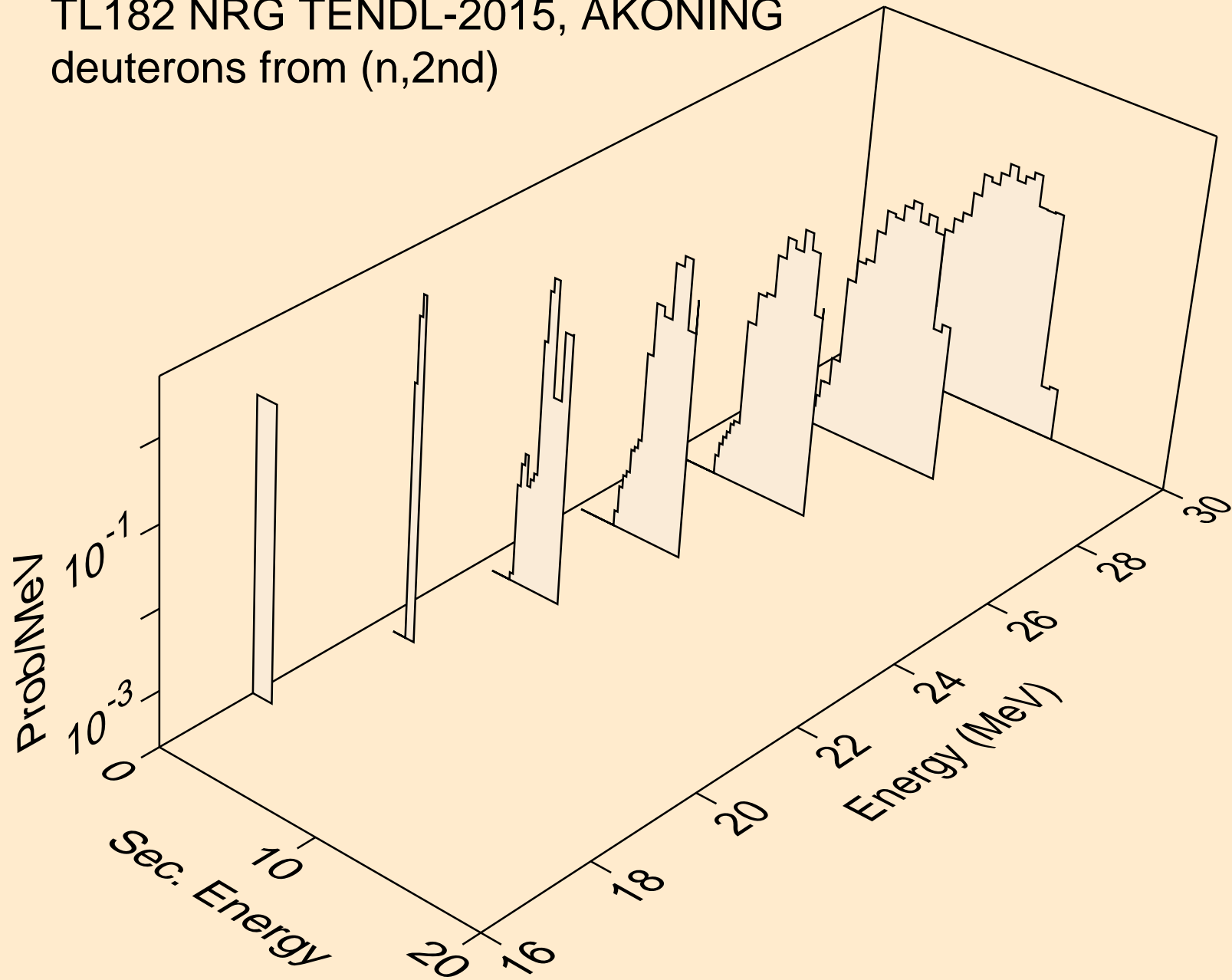
TL182 NRG TENDL-2015, AKONING  
protons from (n,pt)



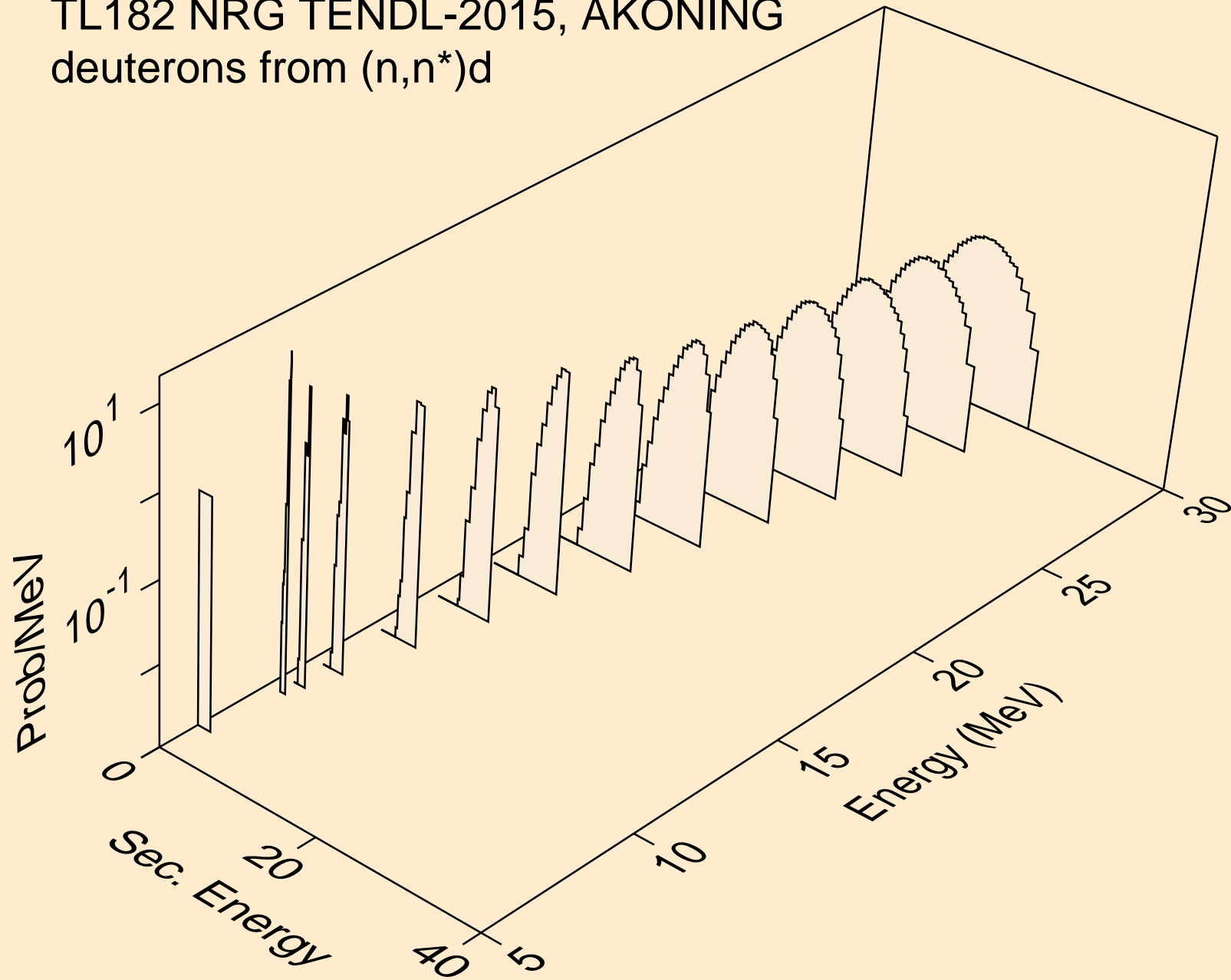
TL182 NRG TENDL-2015, AKONING  
deuterons from (n,x)



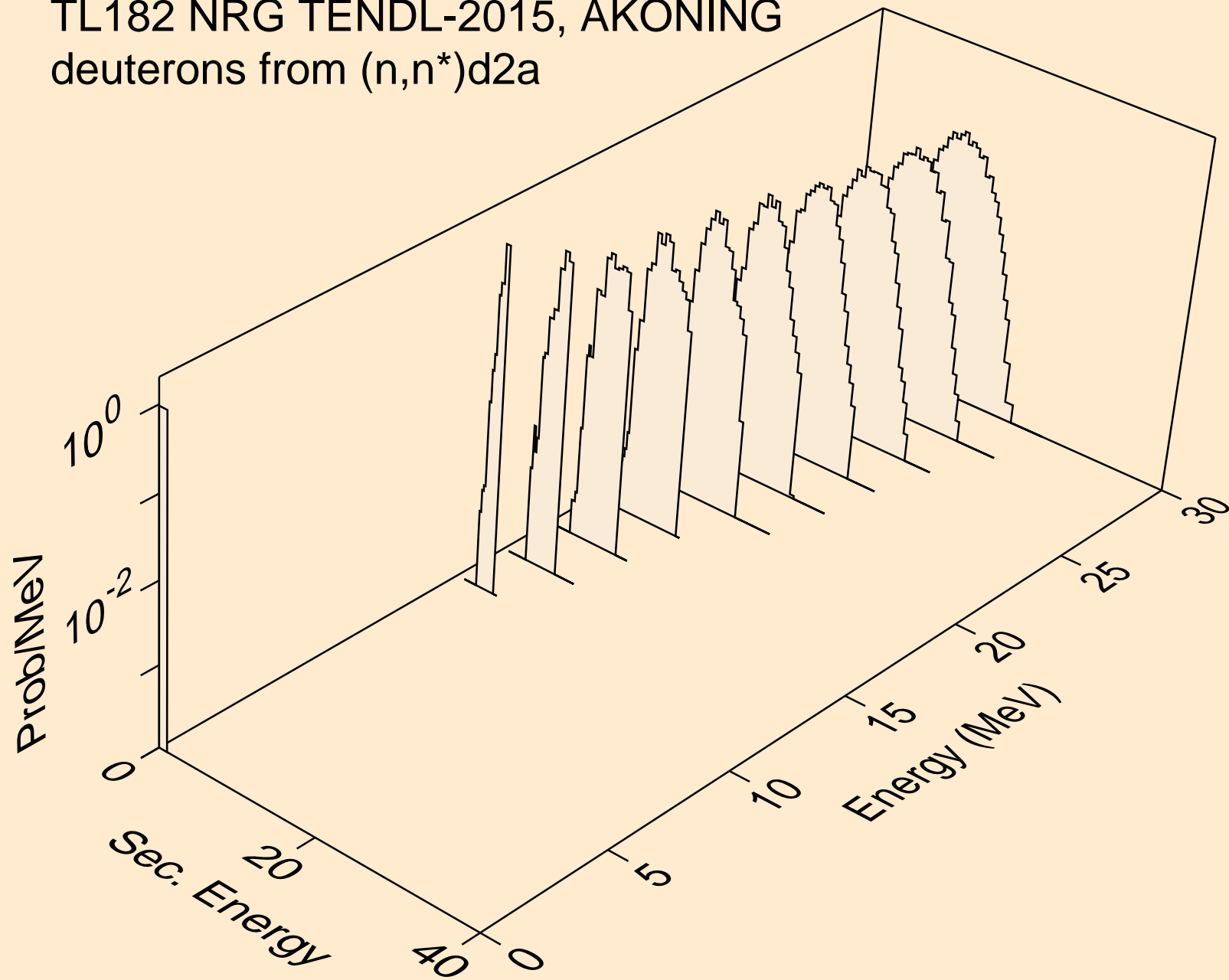
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deuterons from (n,2nd)



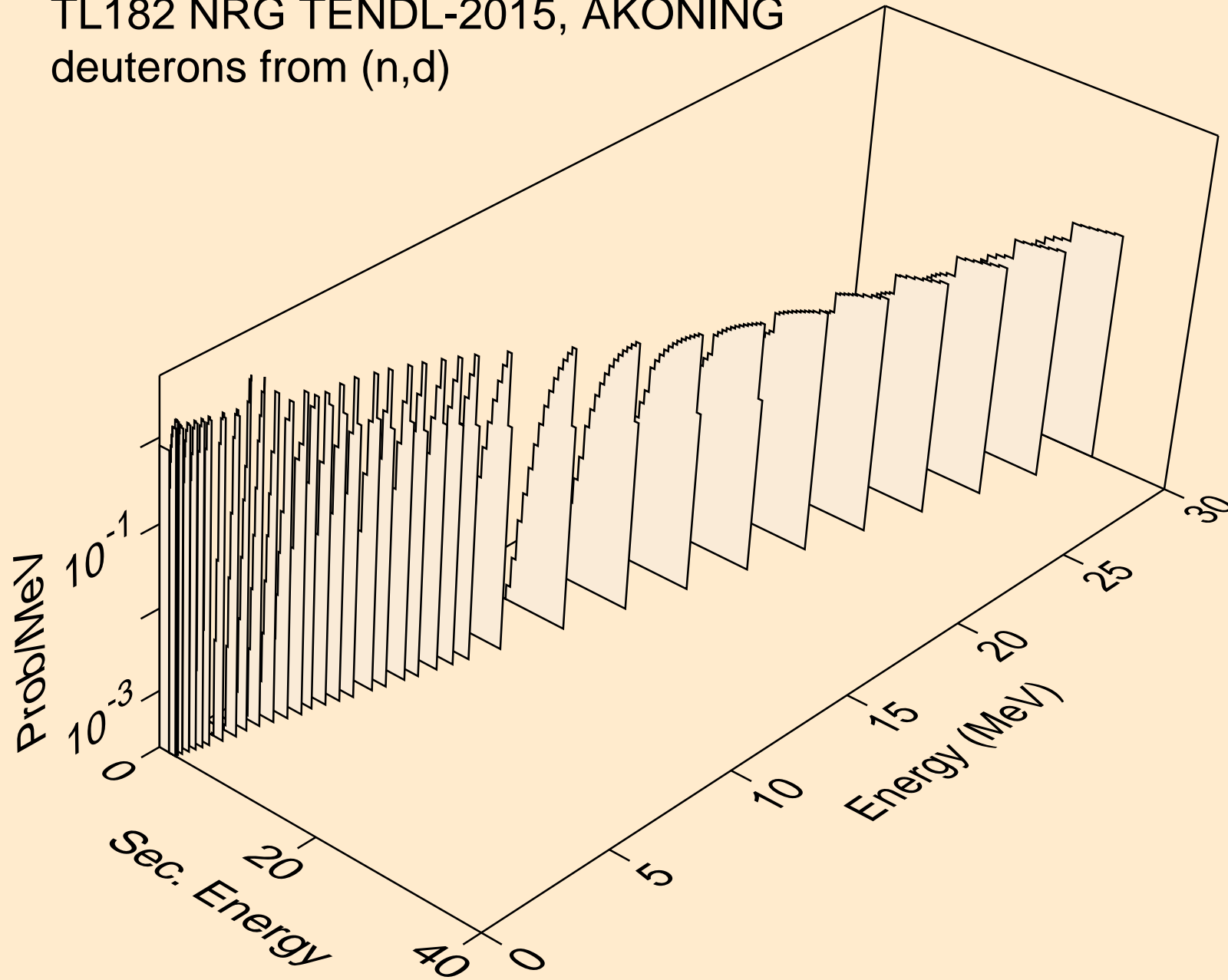
TL182 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



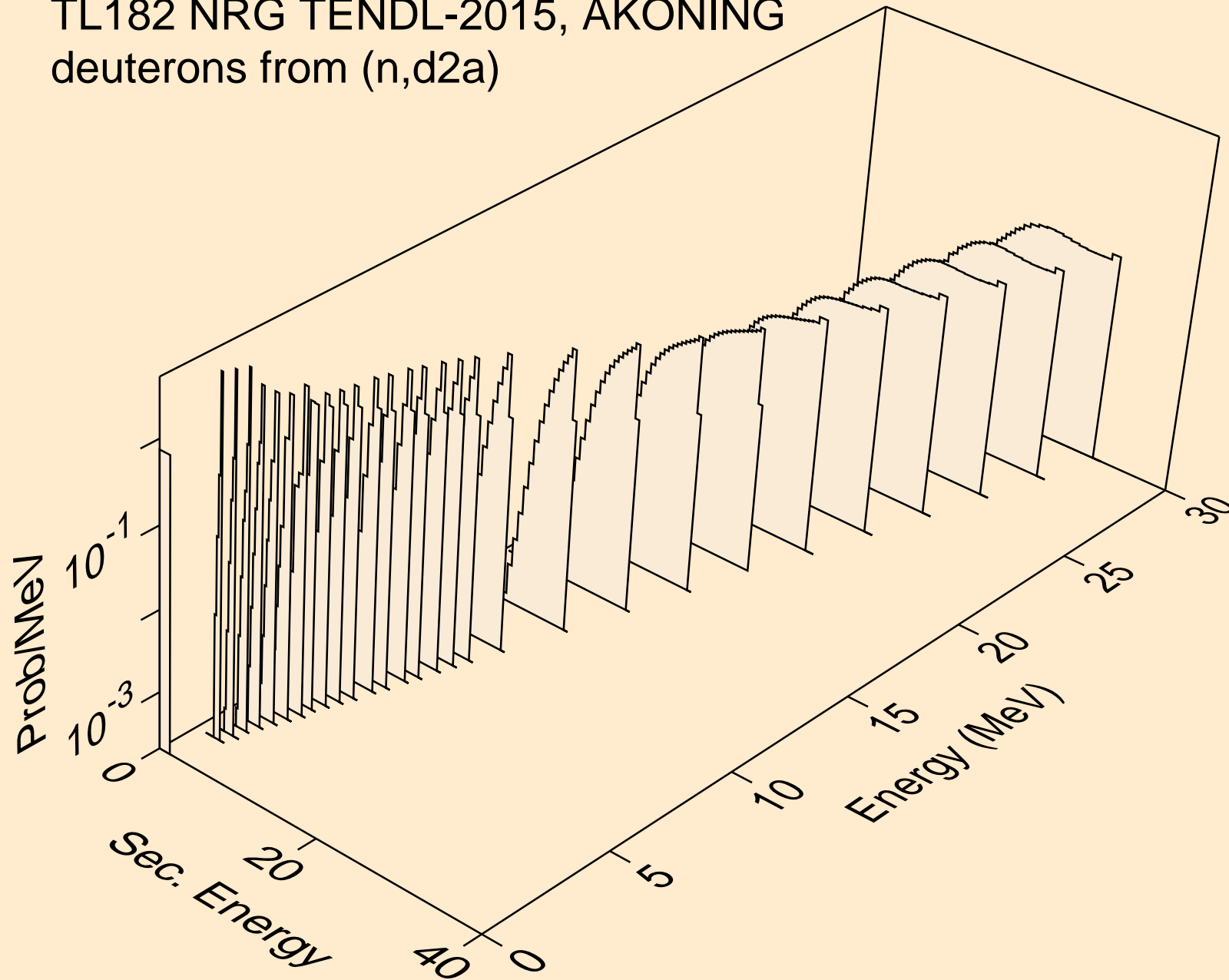
TL182 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



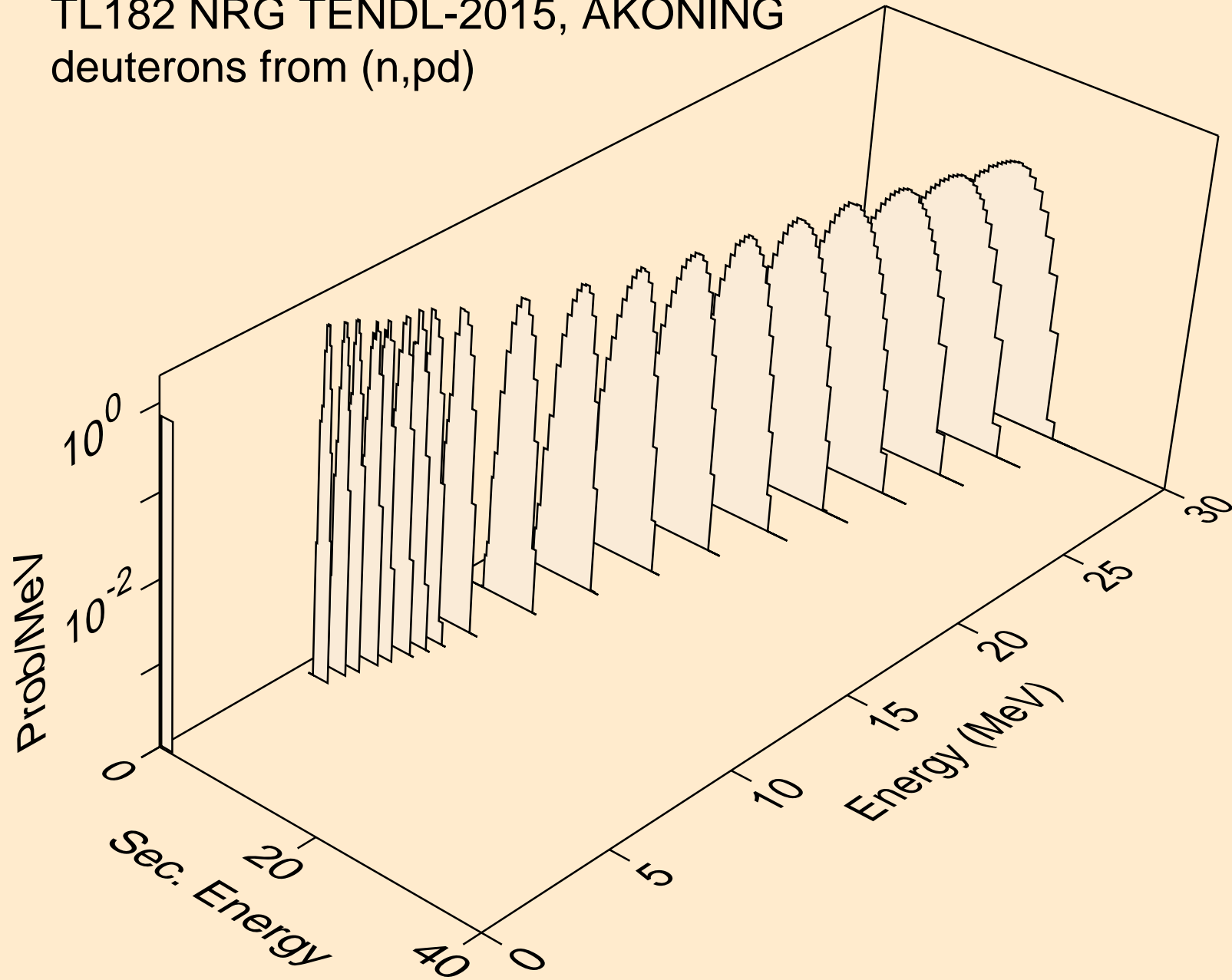
TL182 NRG TENDL-2015, AKONING  
deuterons from (n,d)



TL182 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

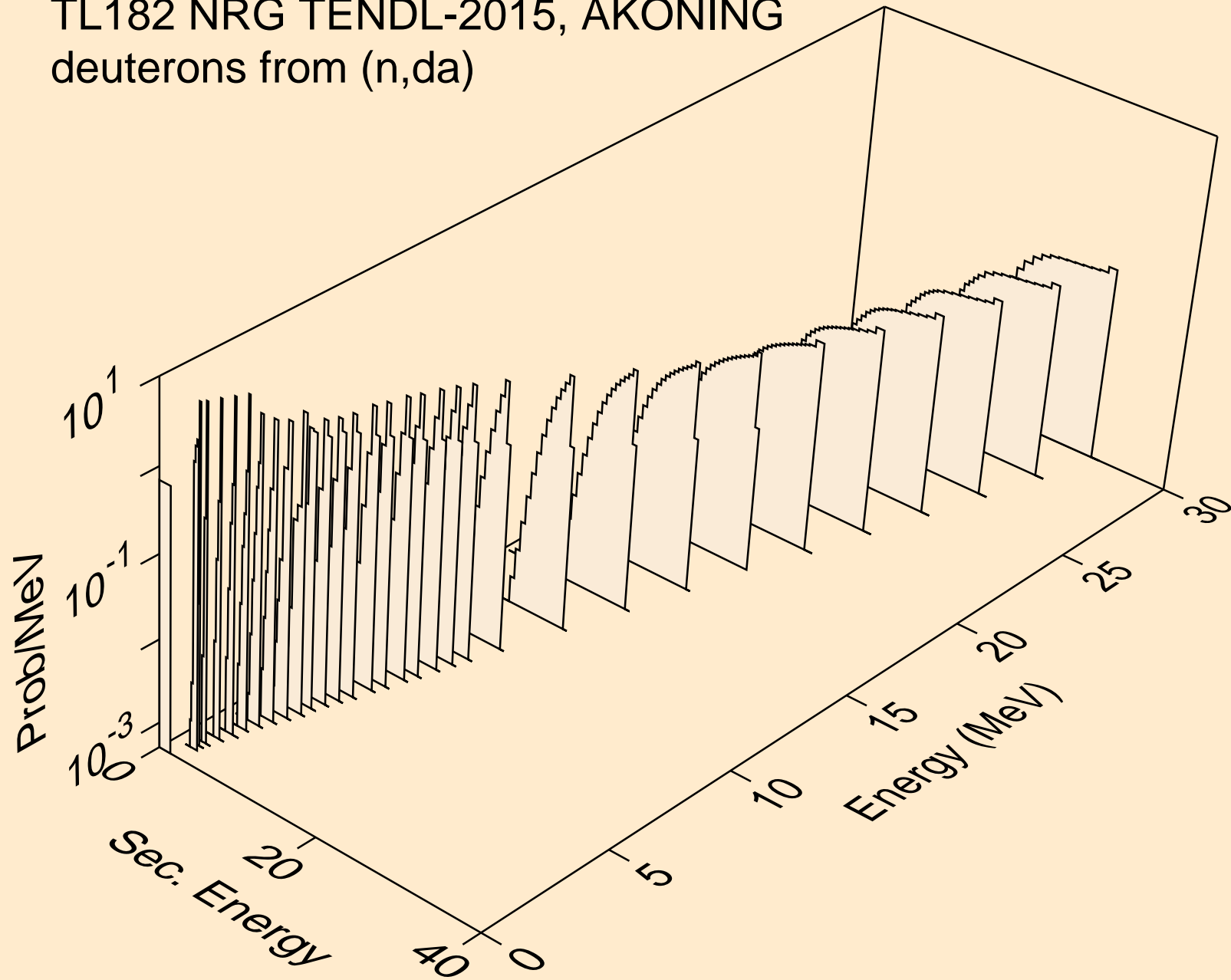


TL182 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

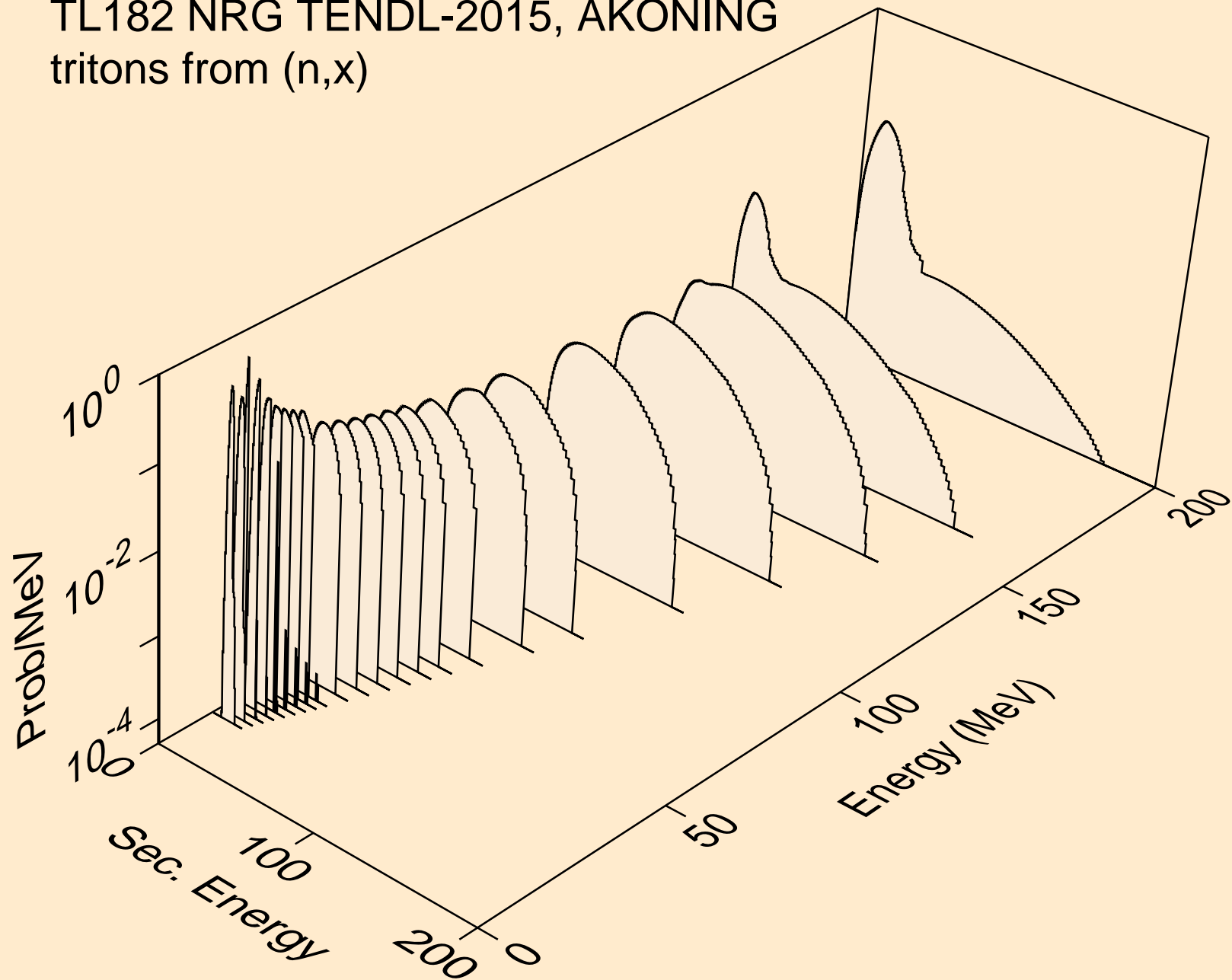




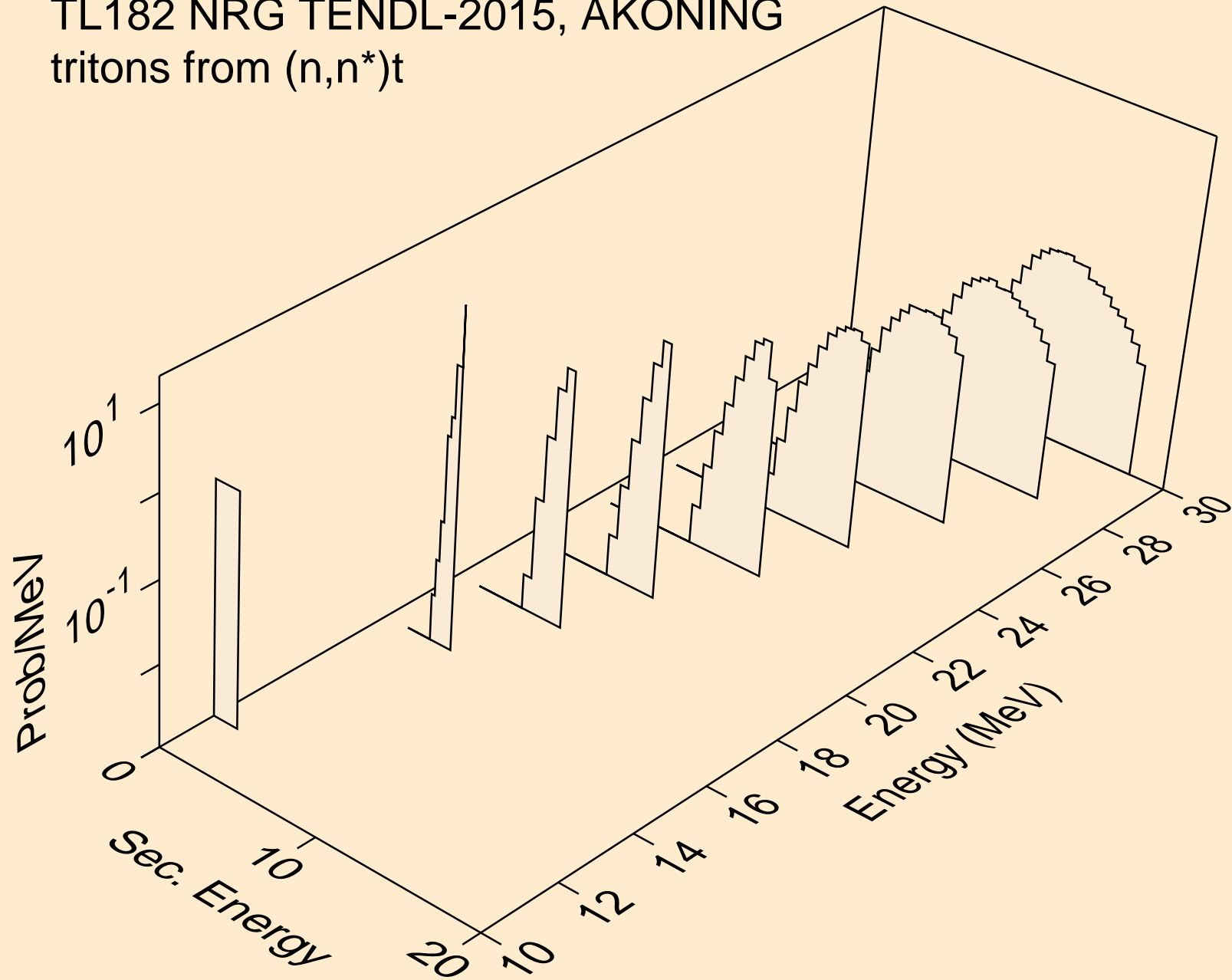
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deuterons from (n,da)



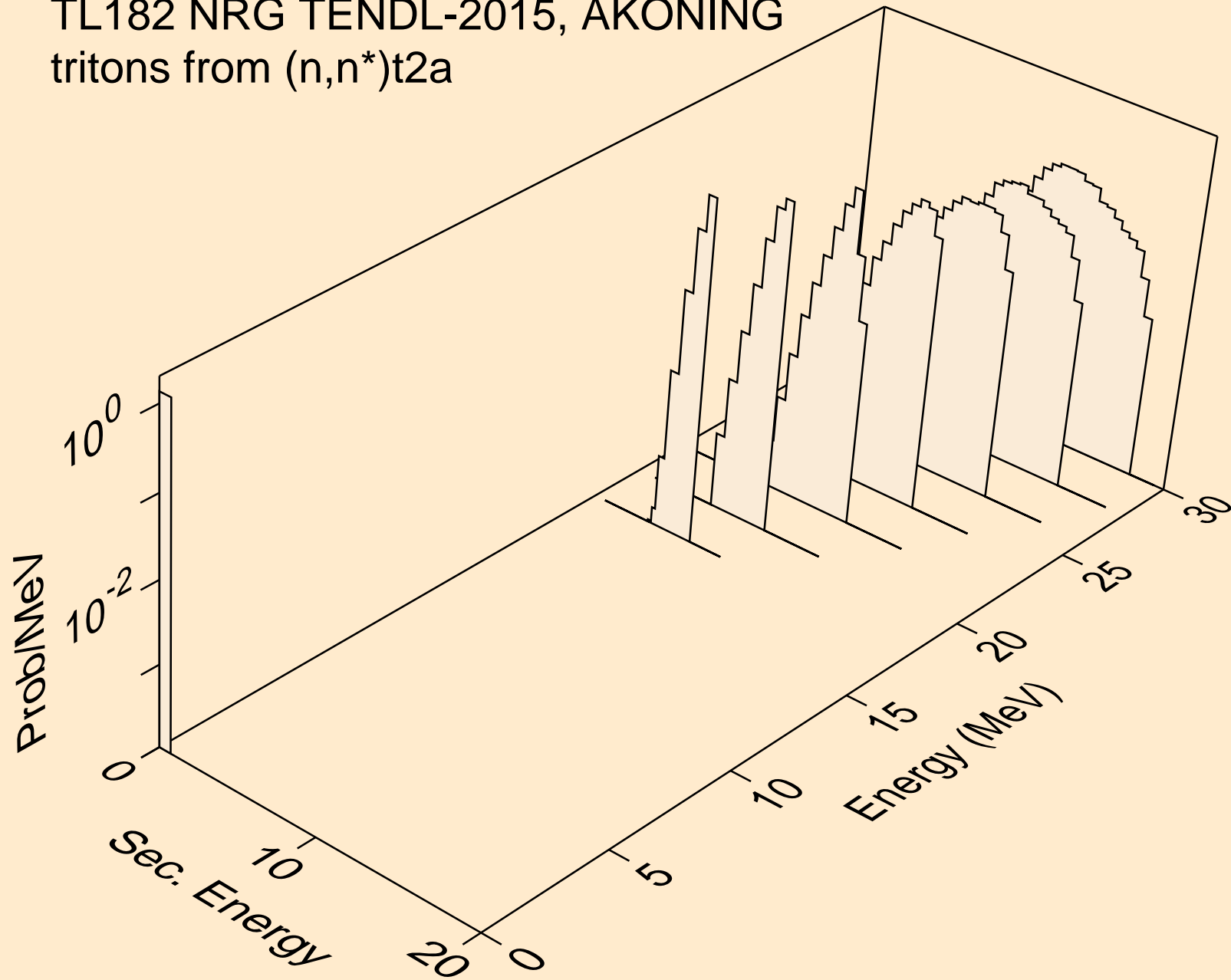
TL182 NRG TENDL-2015, AKONING  
tritons from (n,x)



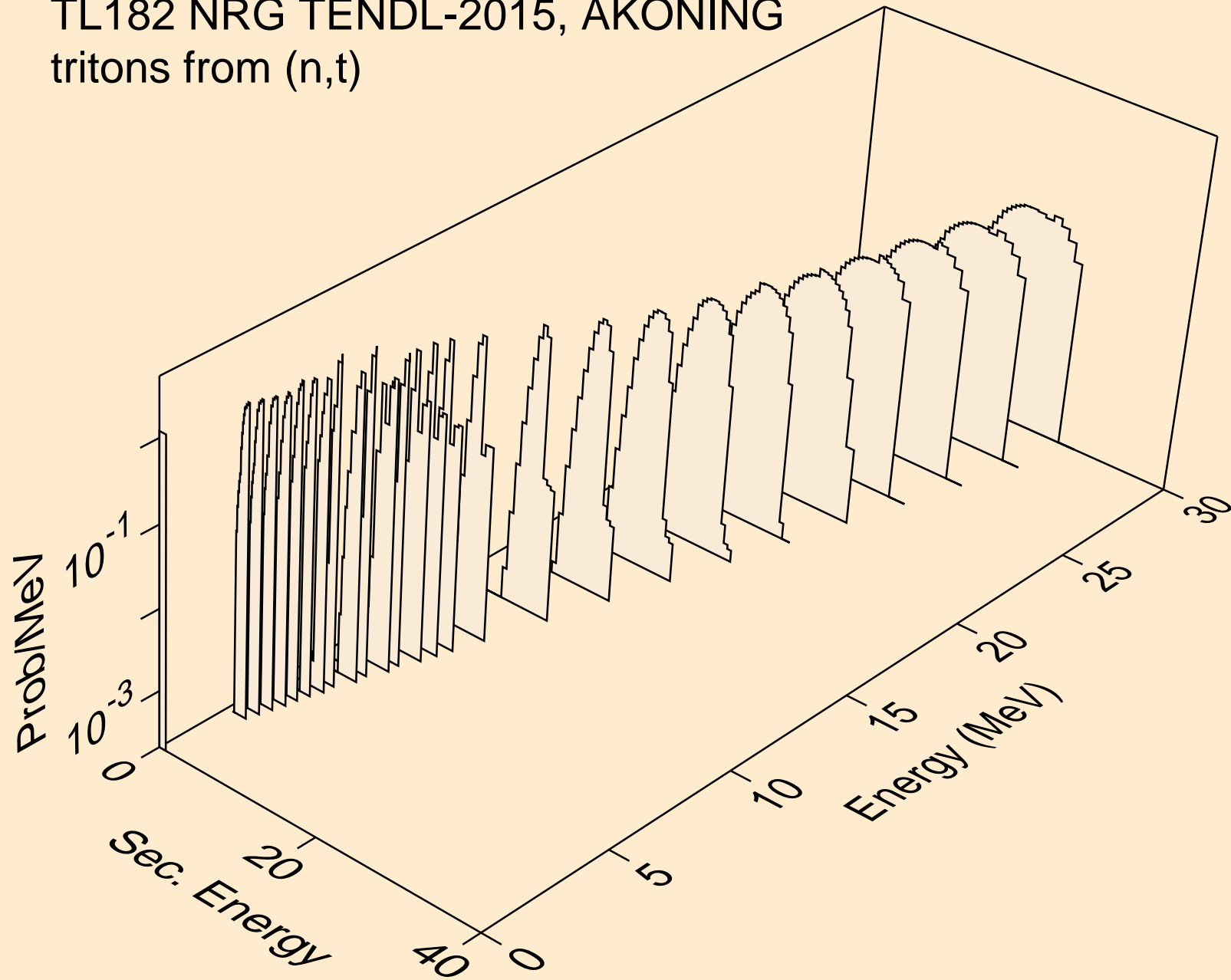
TL182 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



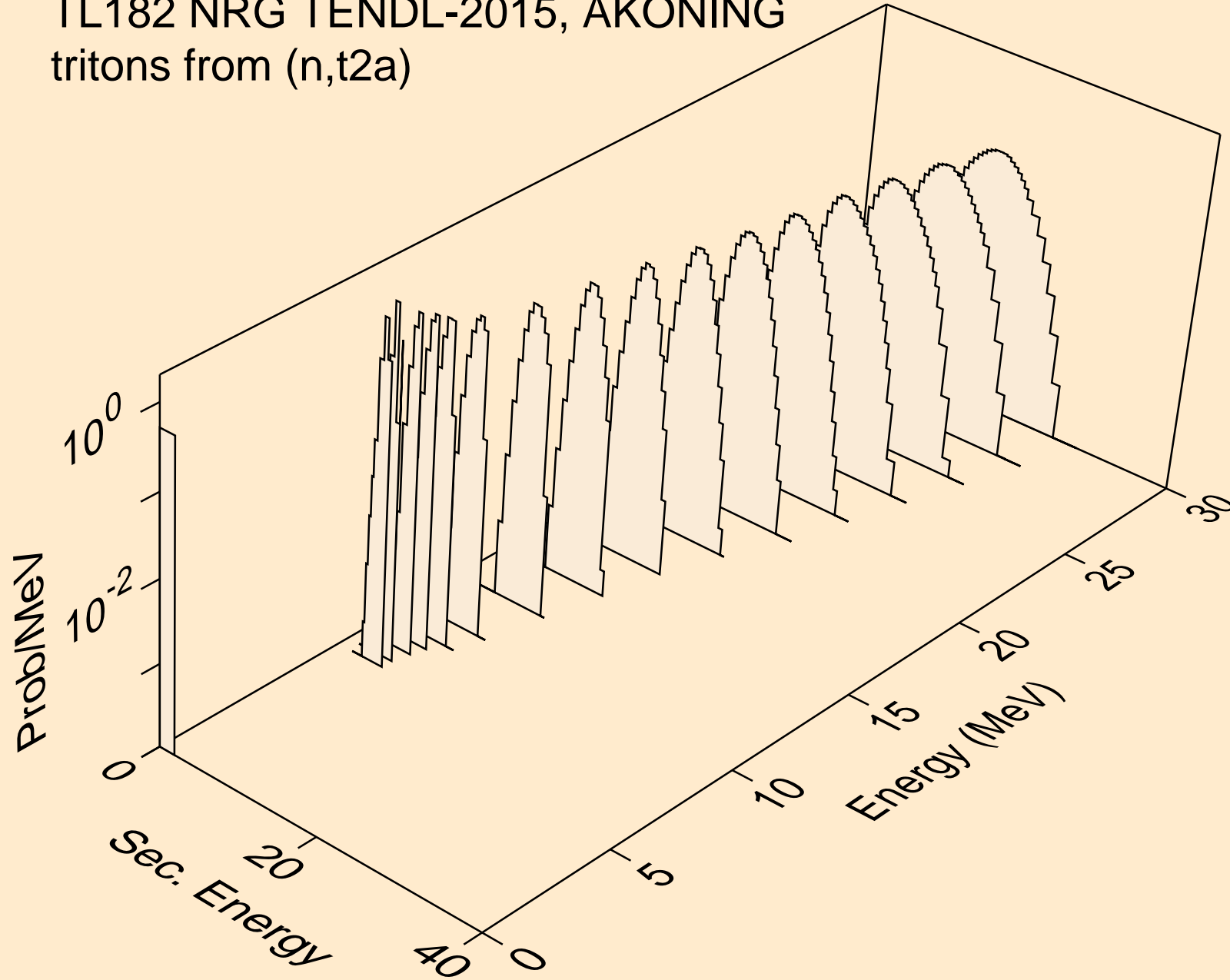
TL182 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



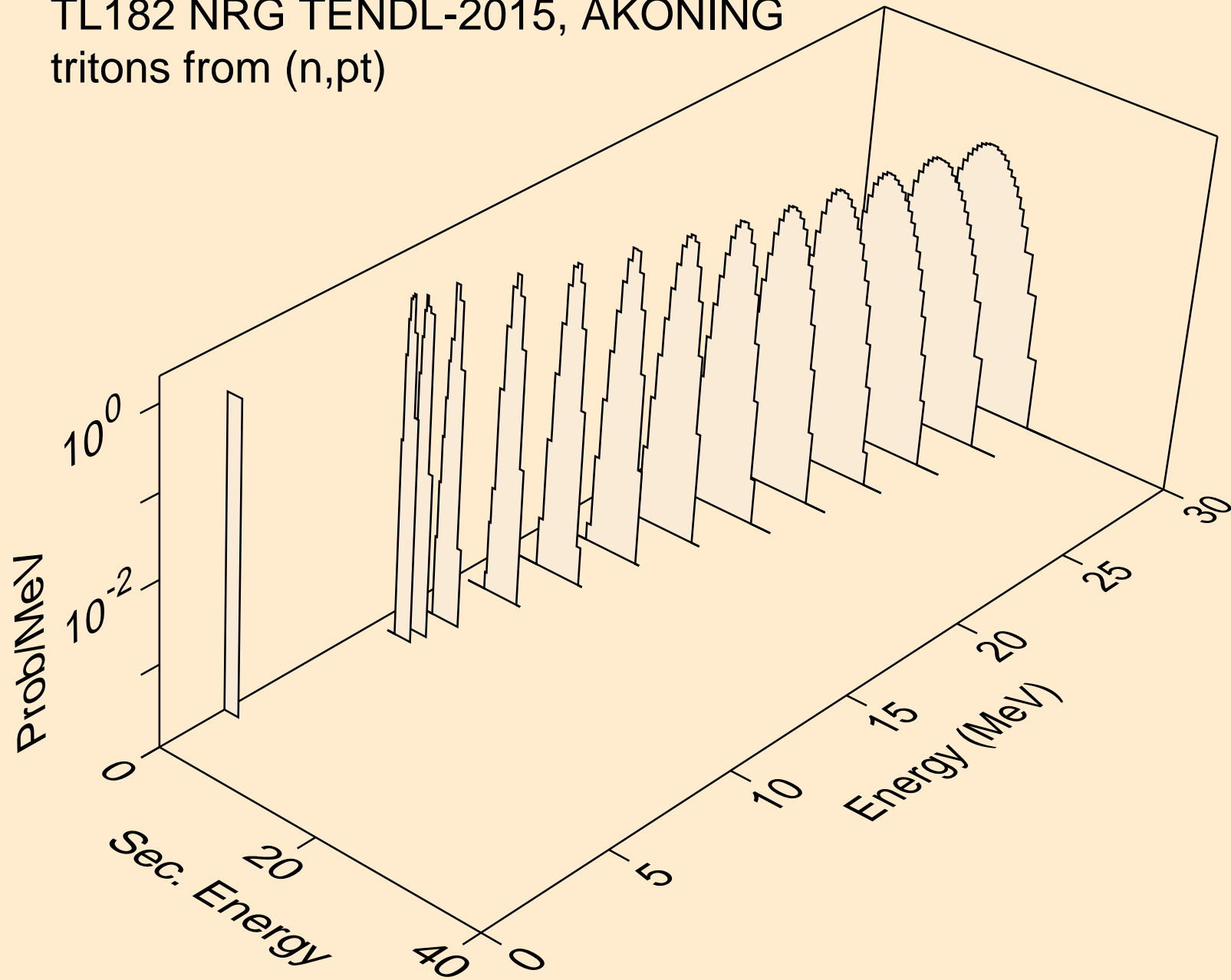
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tritons from (n,t)



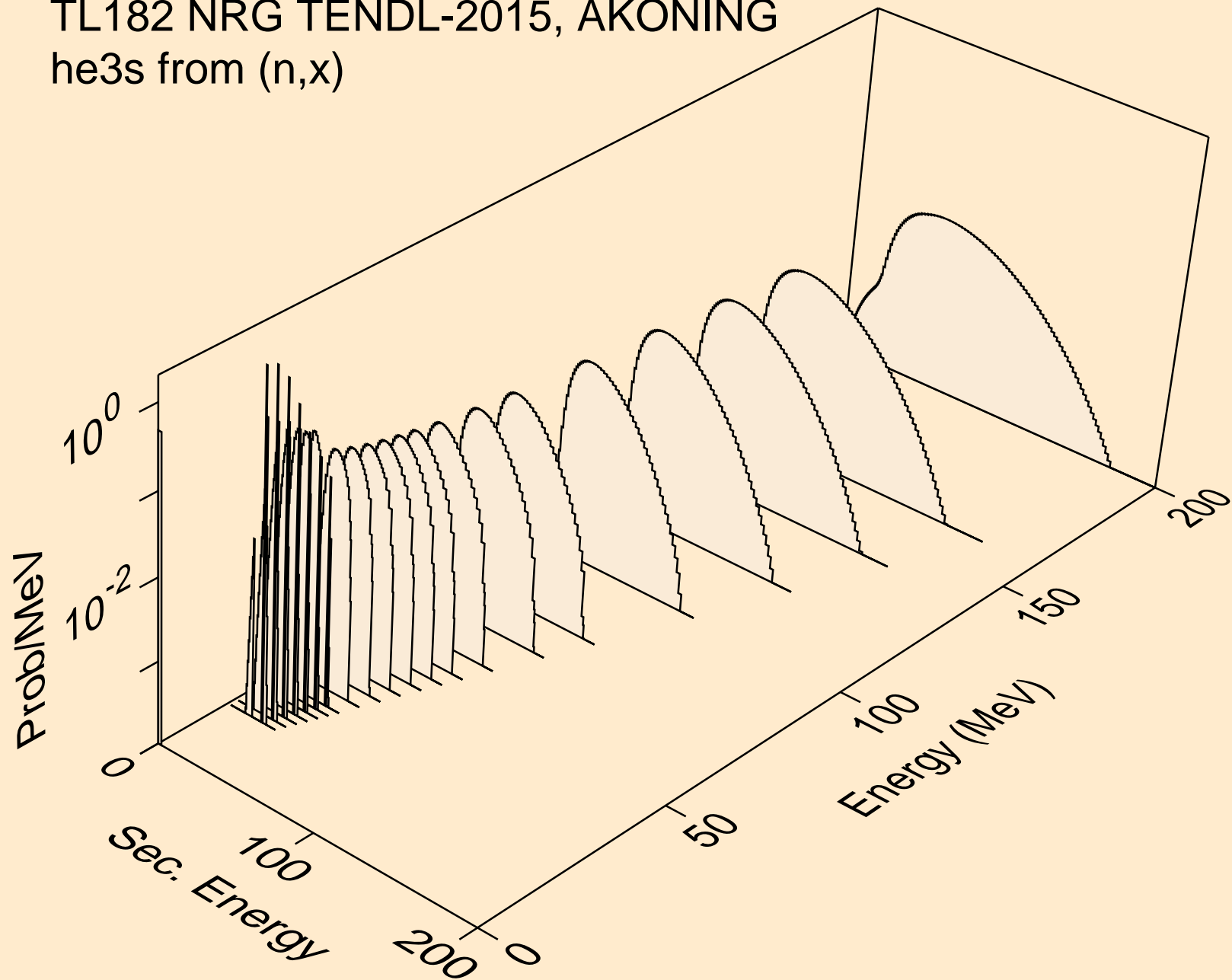
TL182 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



TL182 NRG TENDL-2015, AKONING  
tritons from (n,pt)

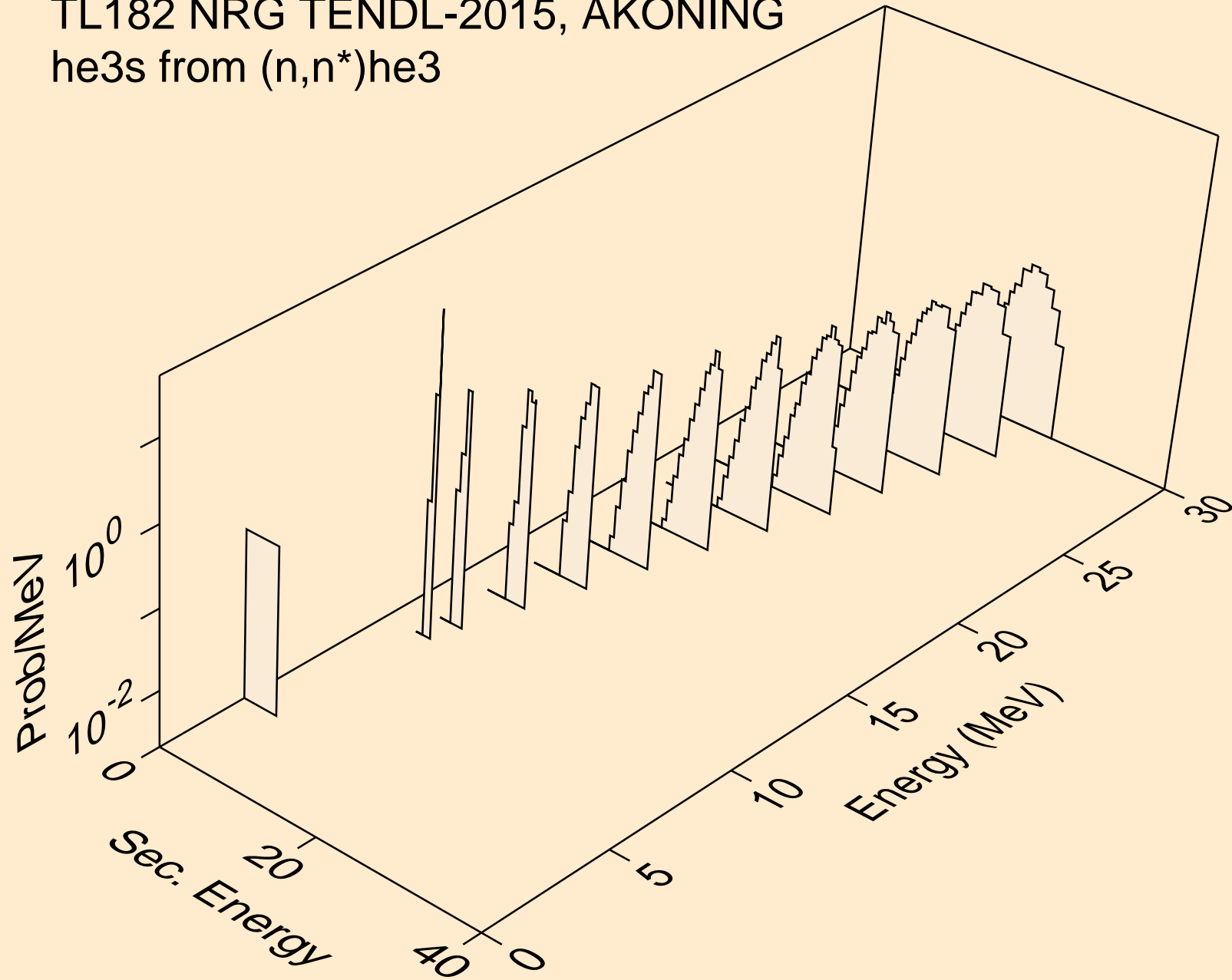


TL182 NRG TENDL-2015, AKONING  
he3s from (n,x)

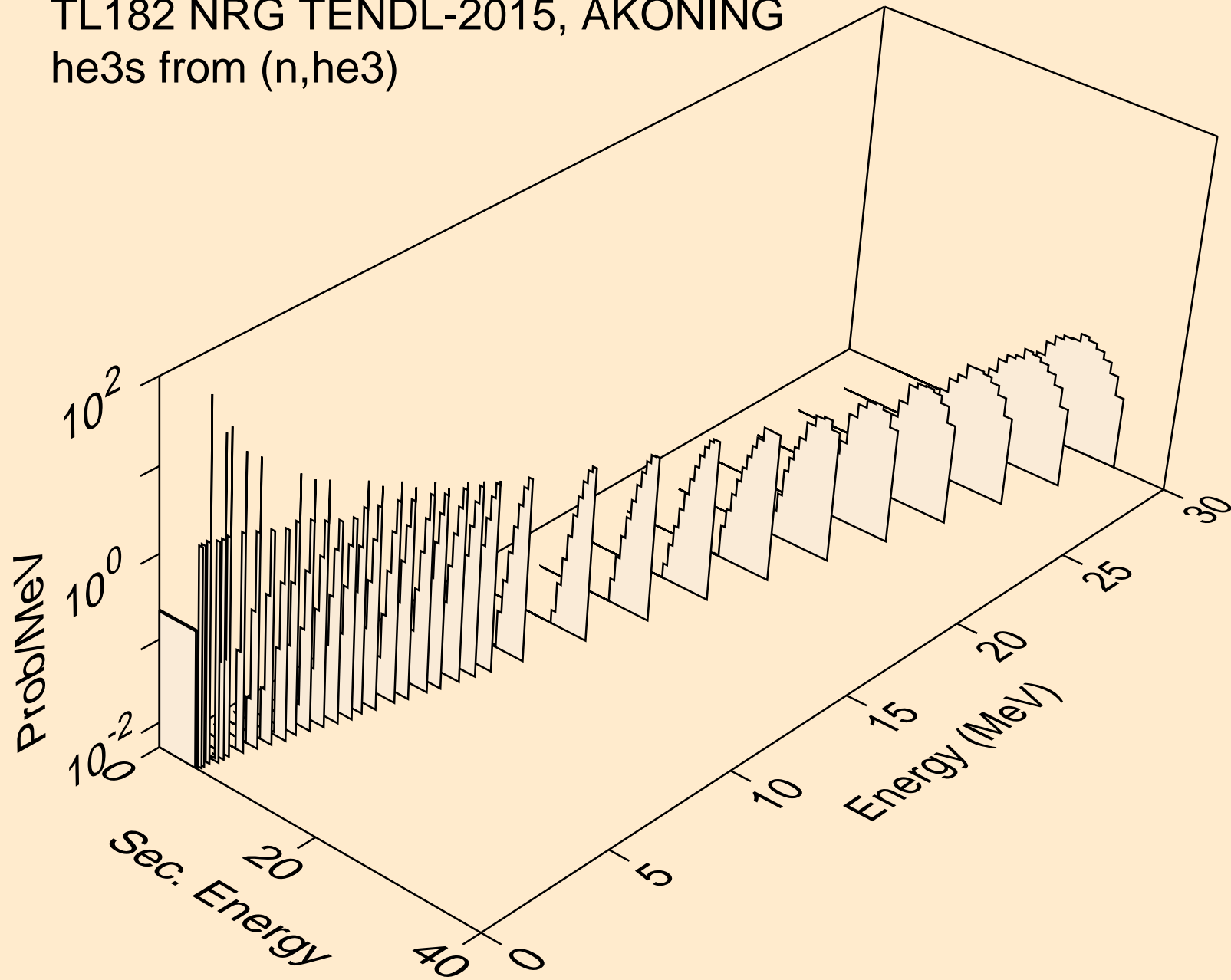




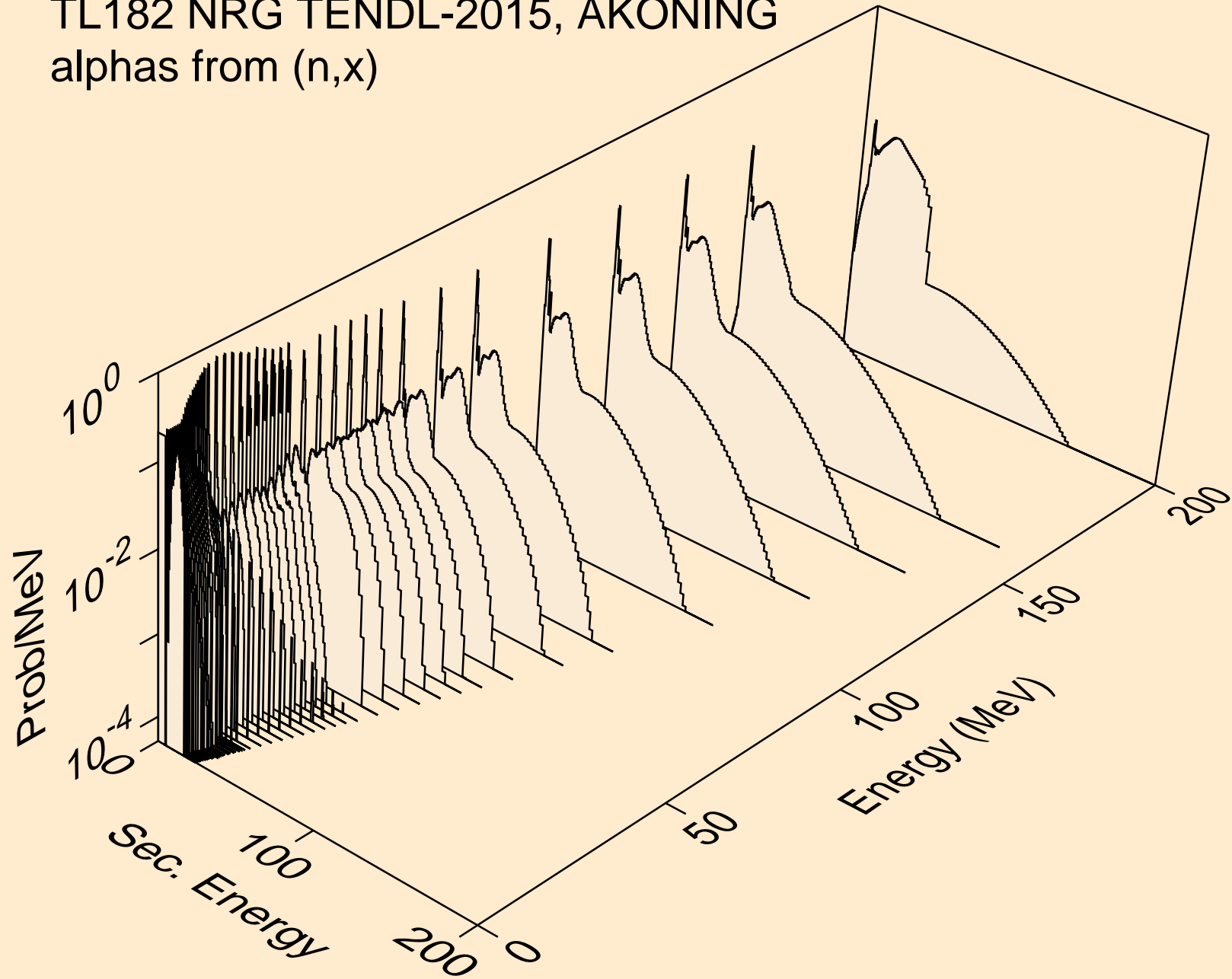
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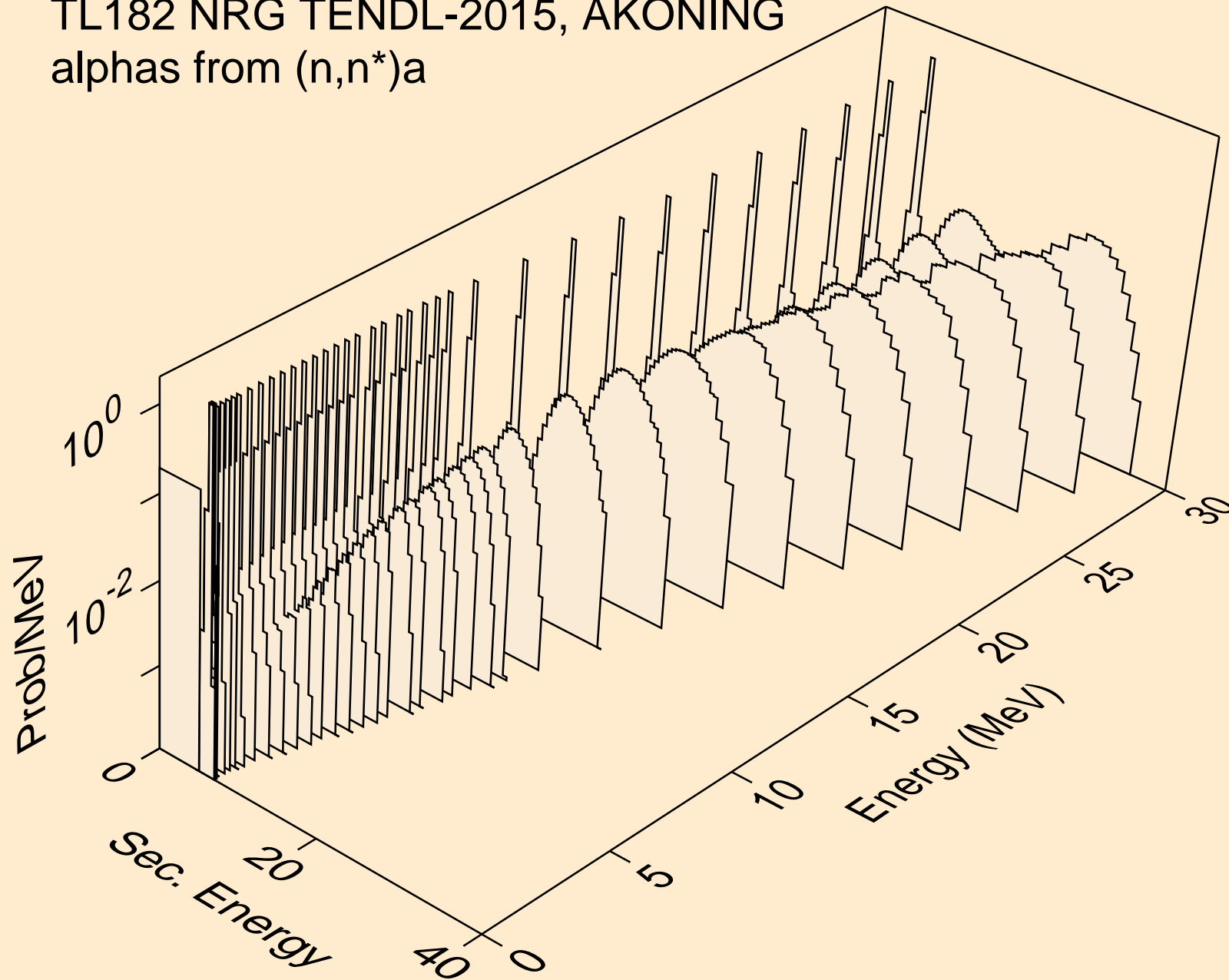
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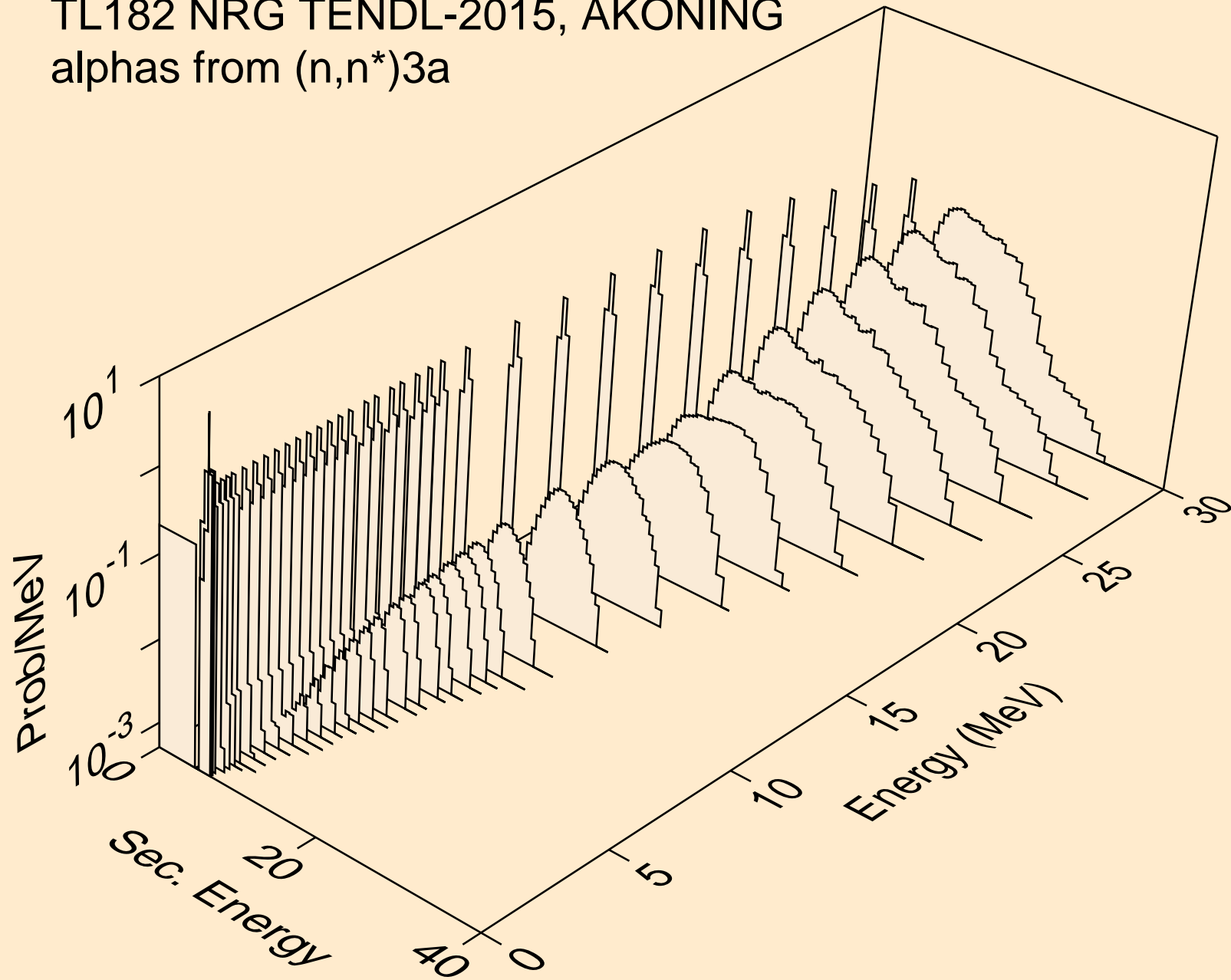
TL182 NRG TENDL-2015, AKONING  
alphas from (n,x)



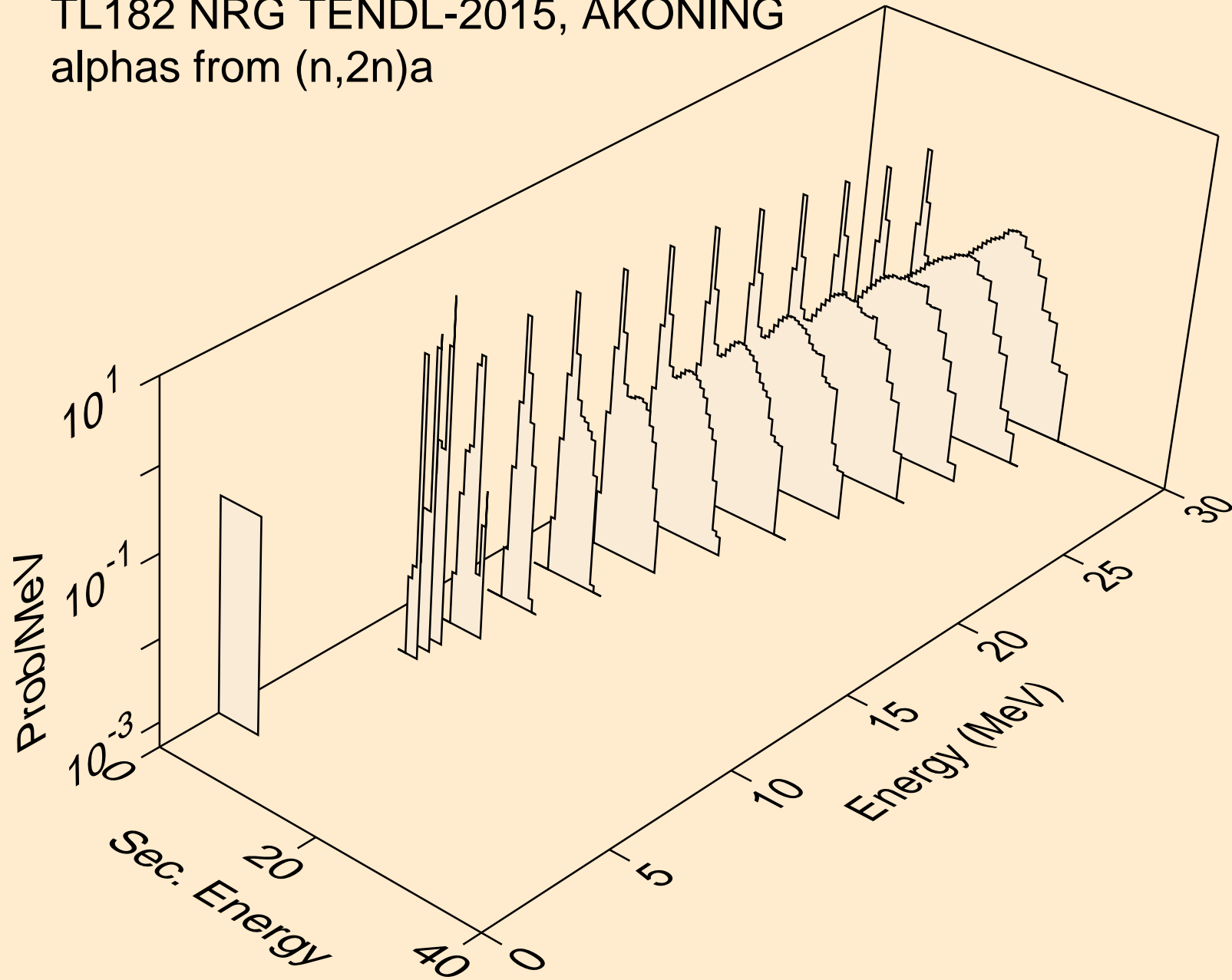
TL182 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



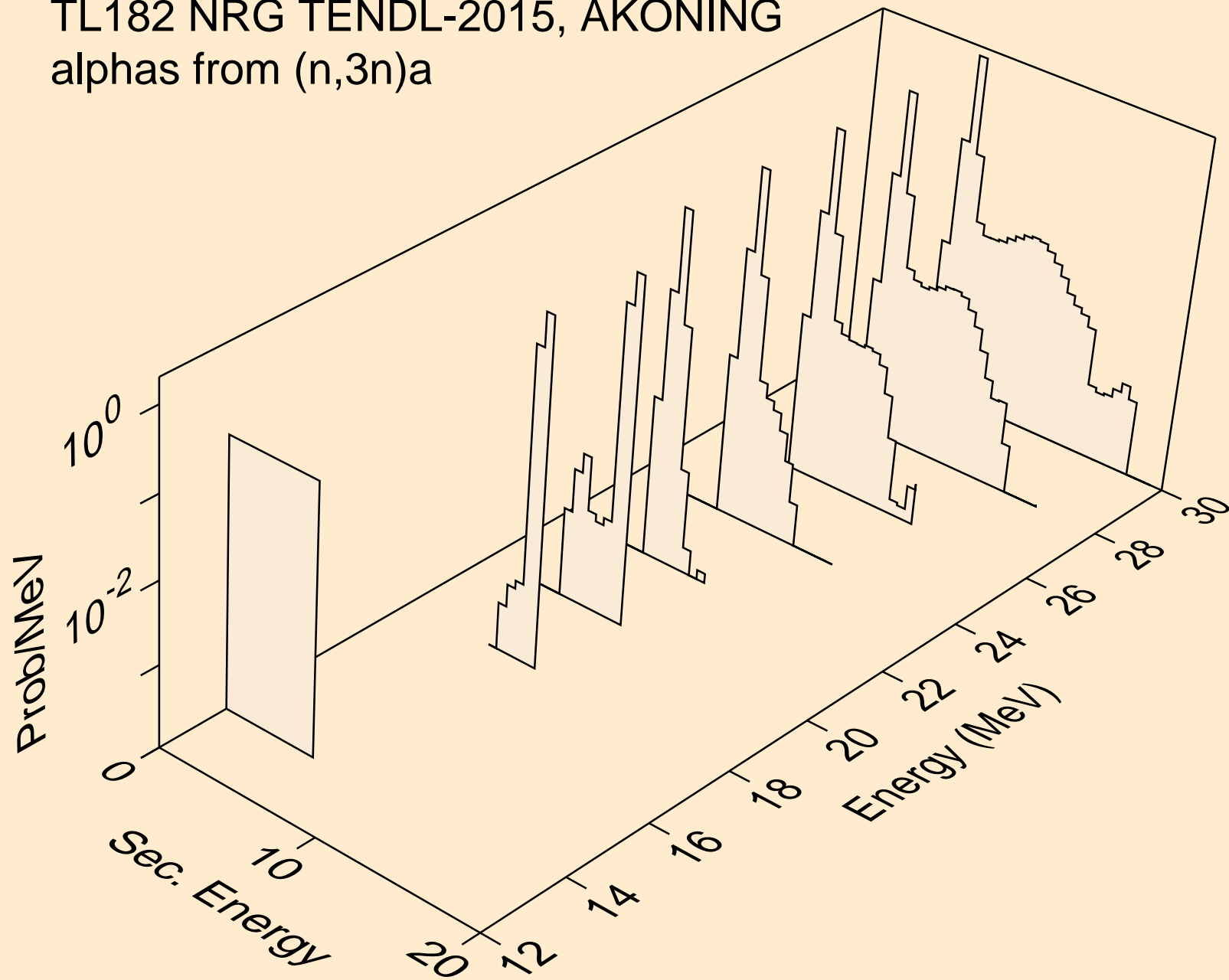
TL182 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



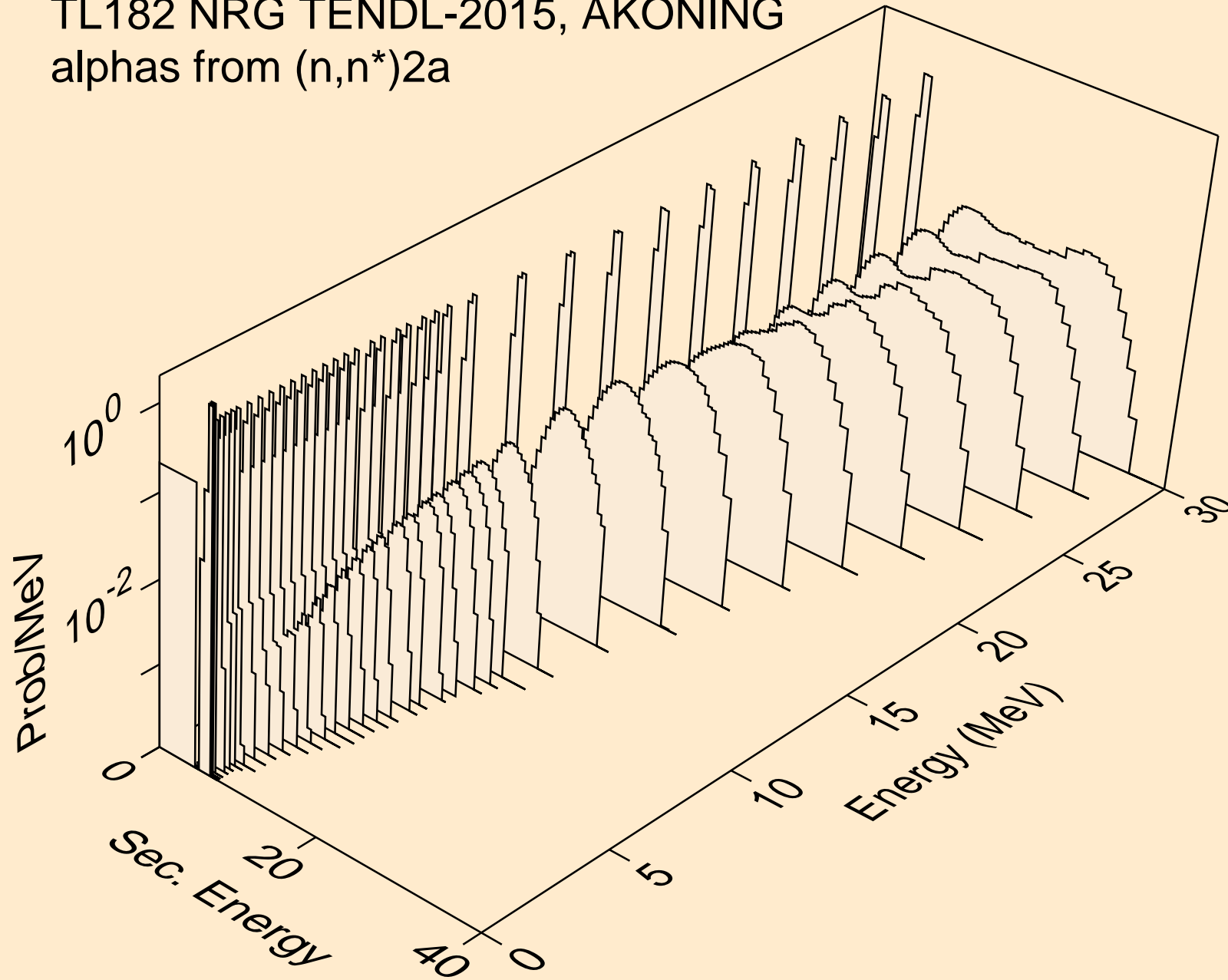
TL182 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



TL182 NRG TENDL-2015, AKONING  
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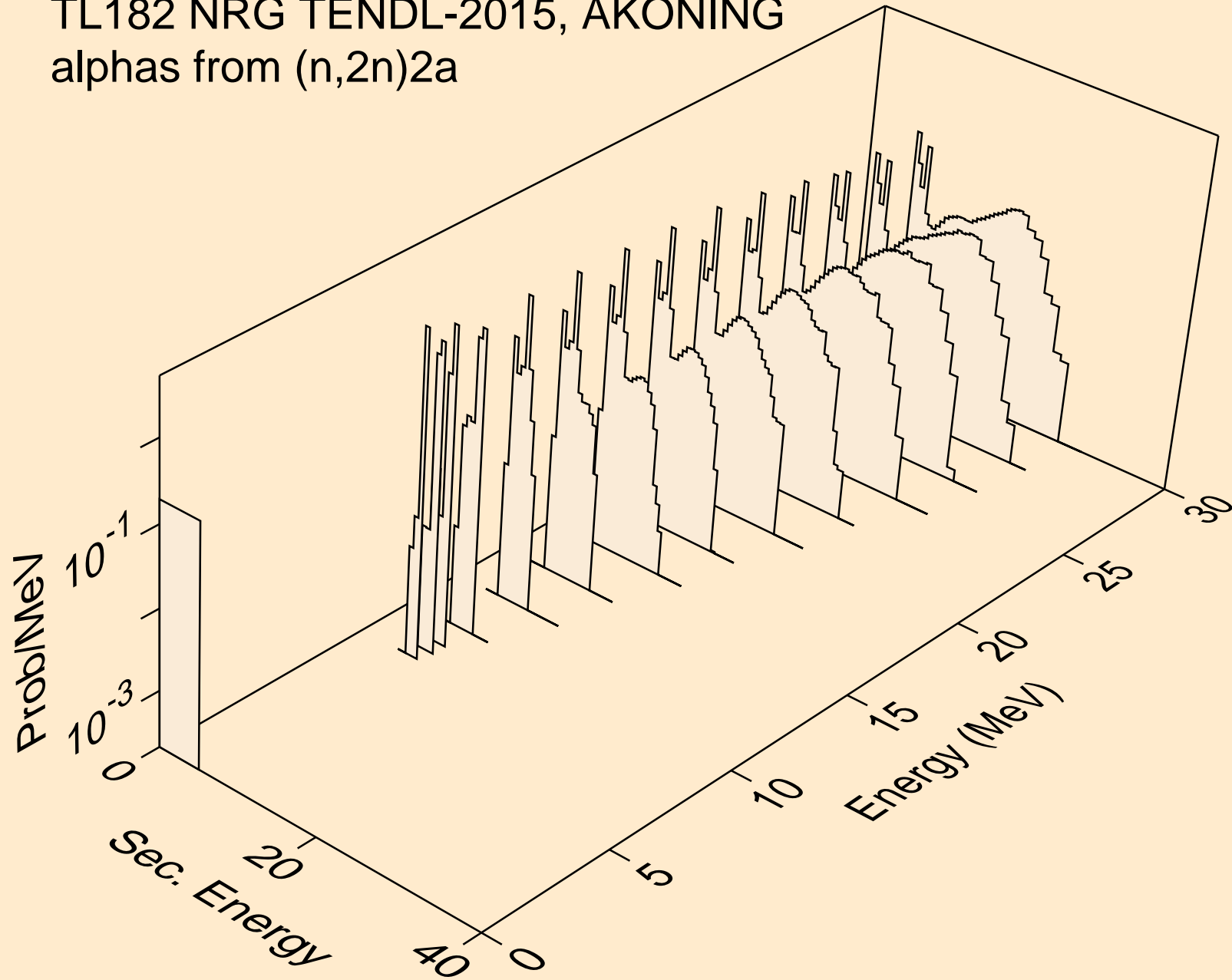


TL182 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

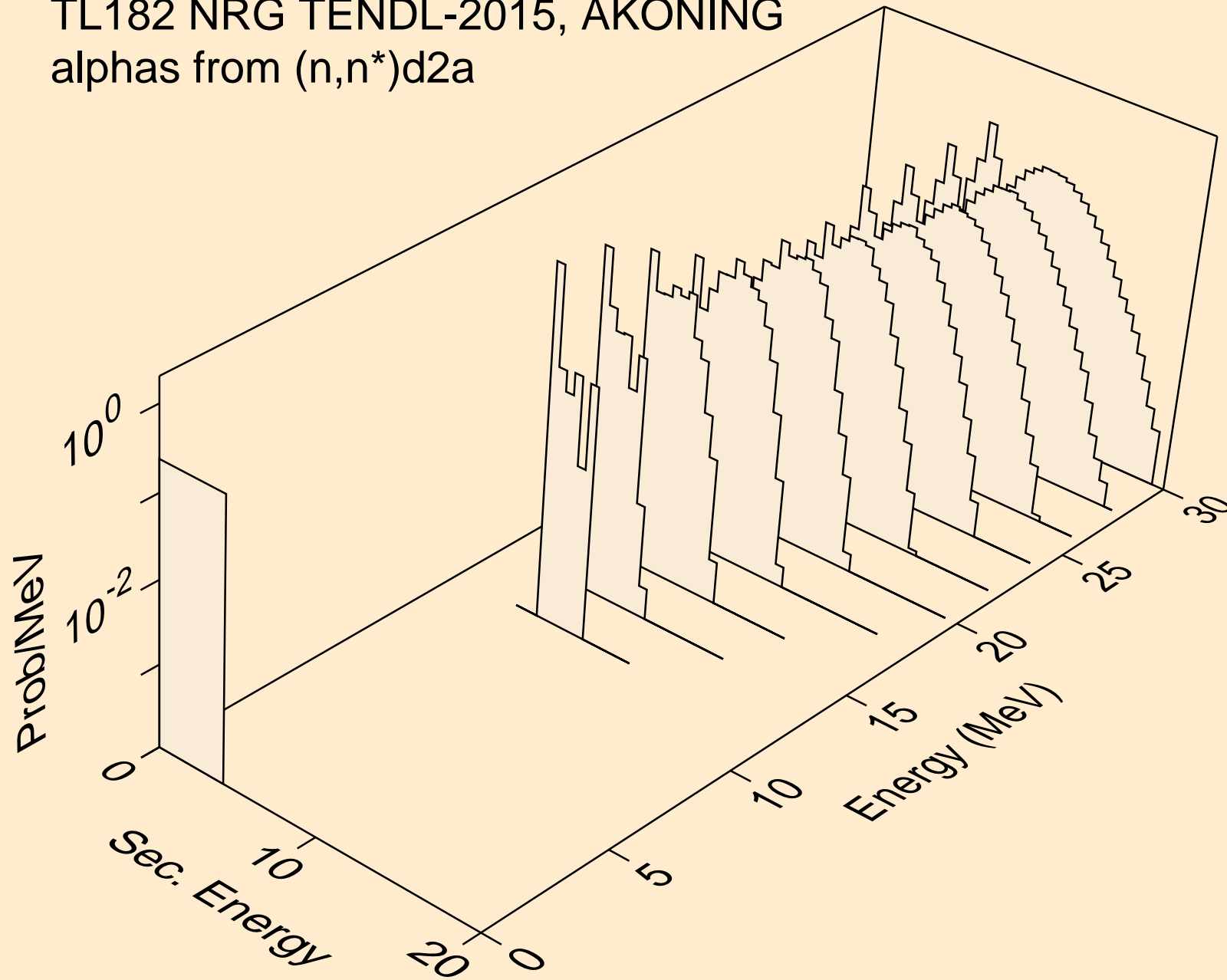




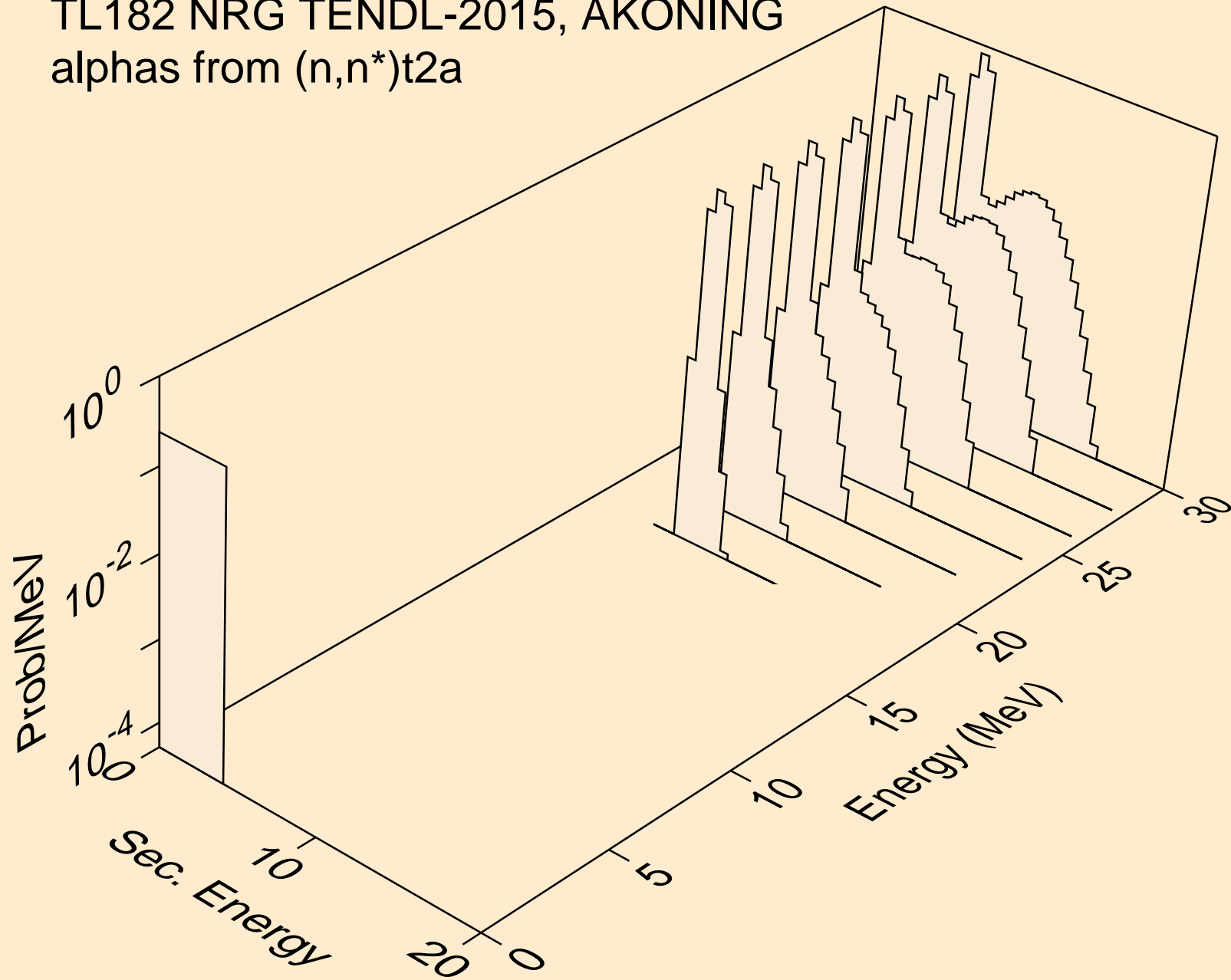
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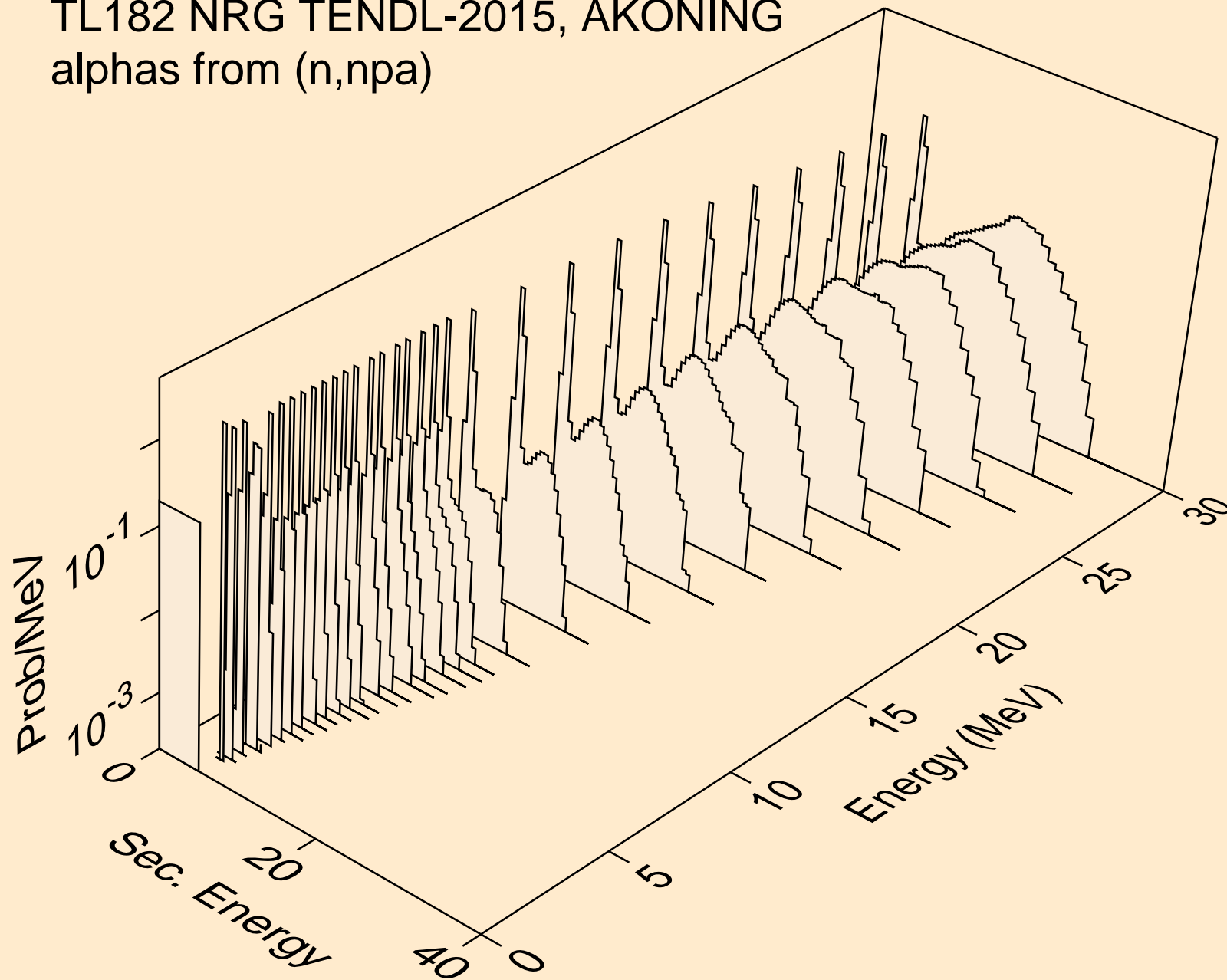
TL182 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a



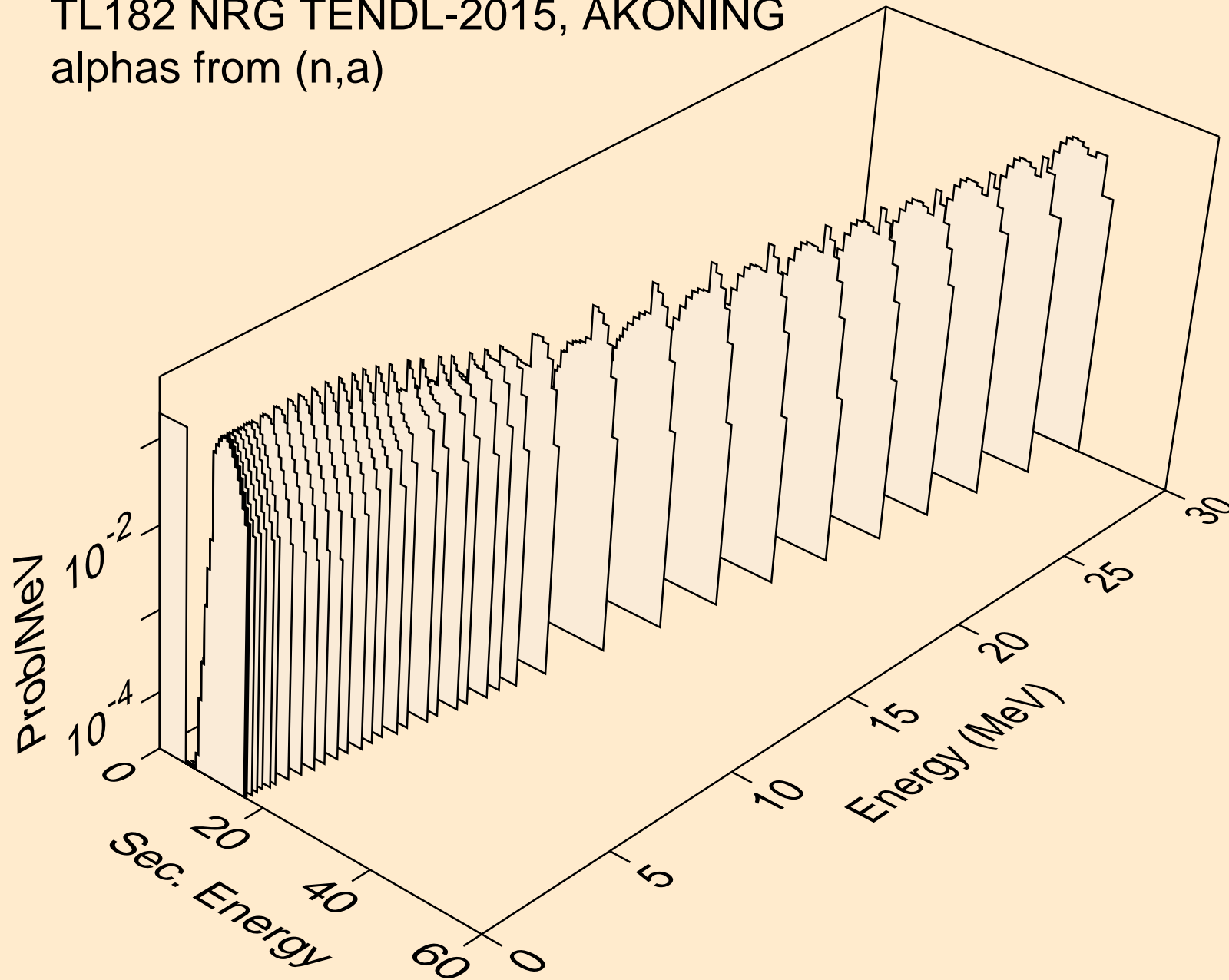
TL182 NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



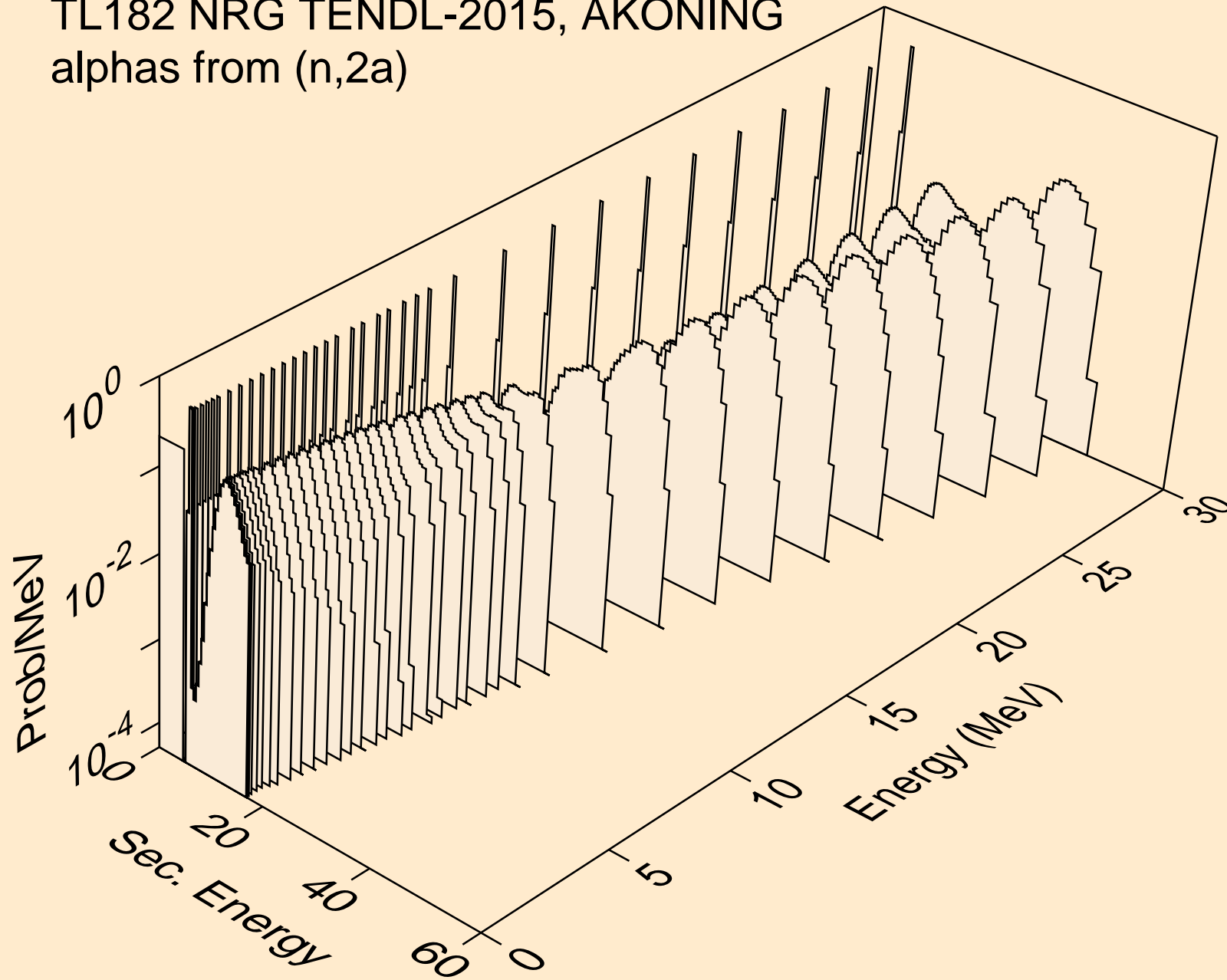
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alphas from (n,npa)



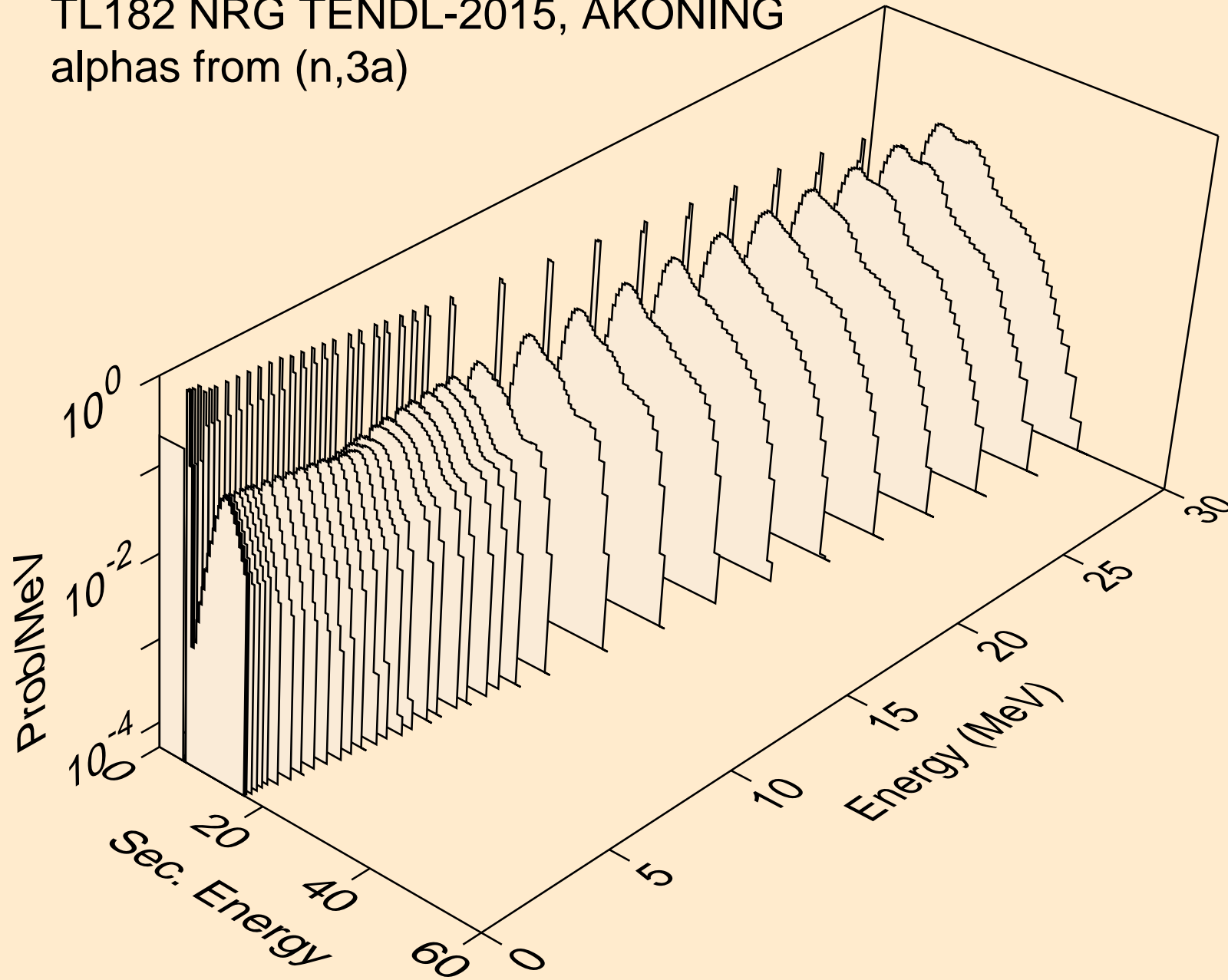
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alphas from (n,a)



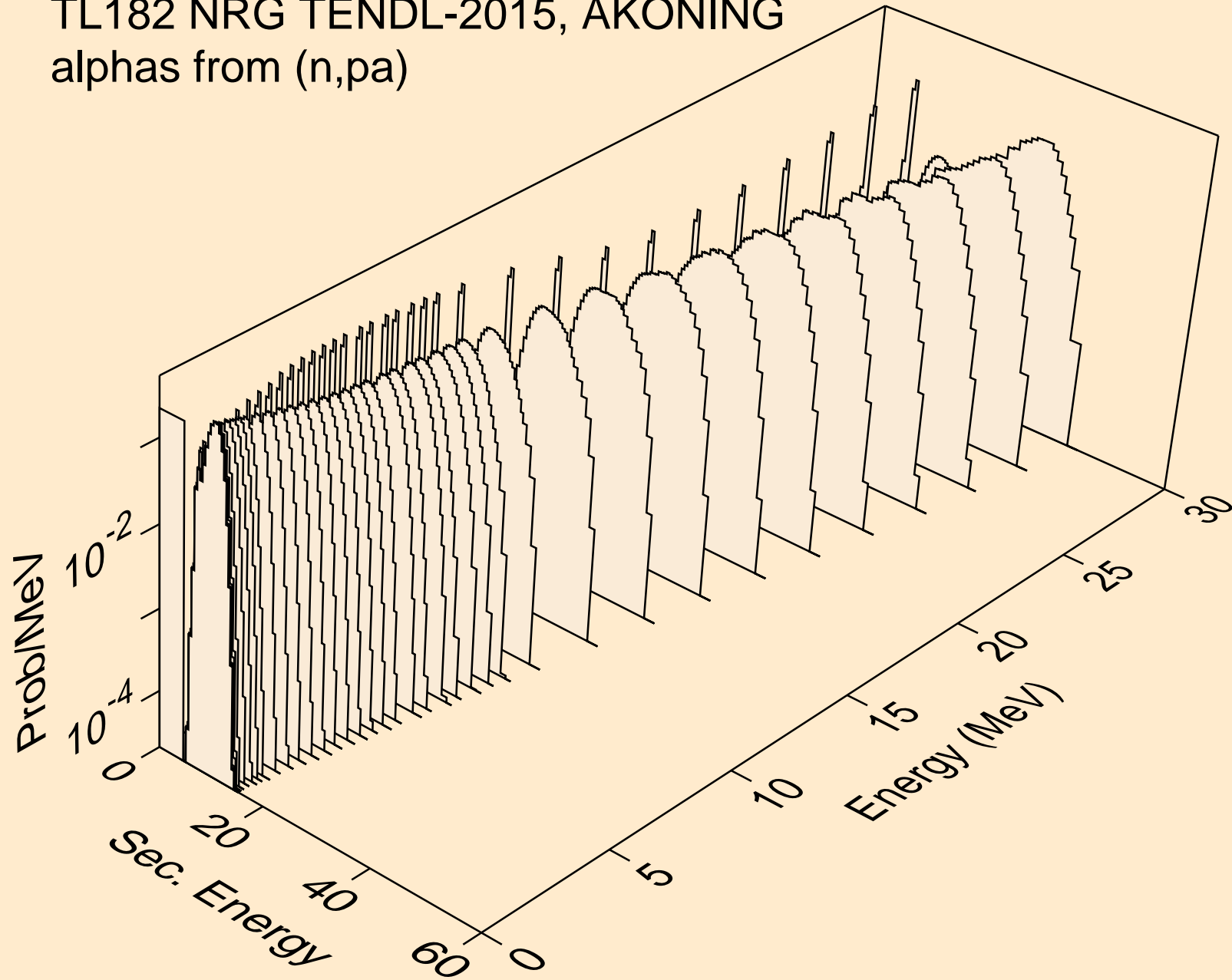
TL182 NRG TENDL-2015, AKONING  
alphas from (n,2a)



TL182 NRG TENDL-2015, AKONING  
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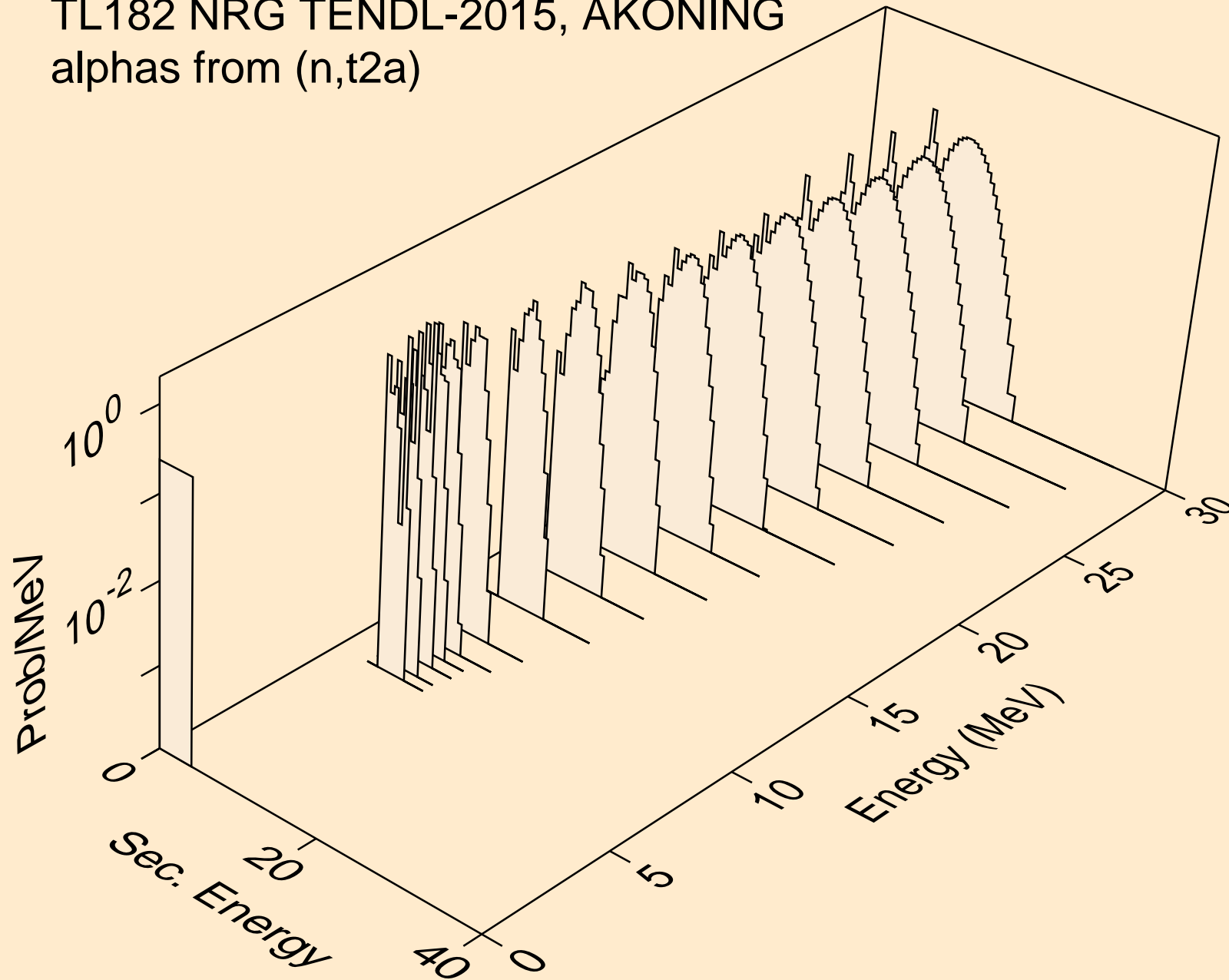


TL182 NRG TENDL-2015, AKONING  
alphas from (n,pa)

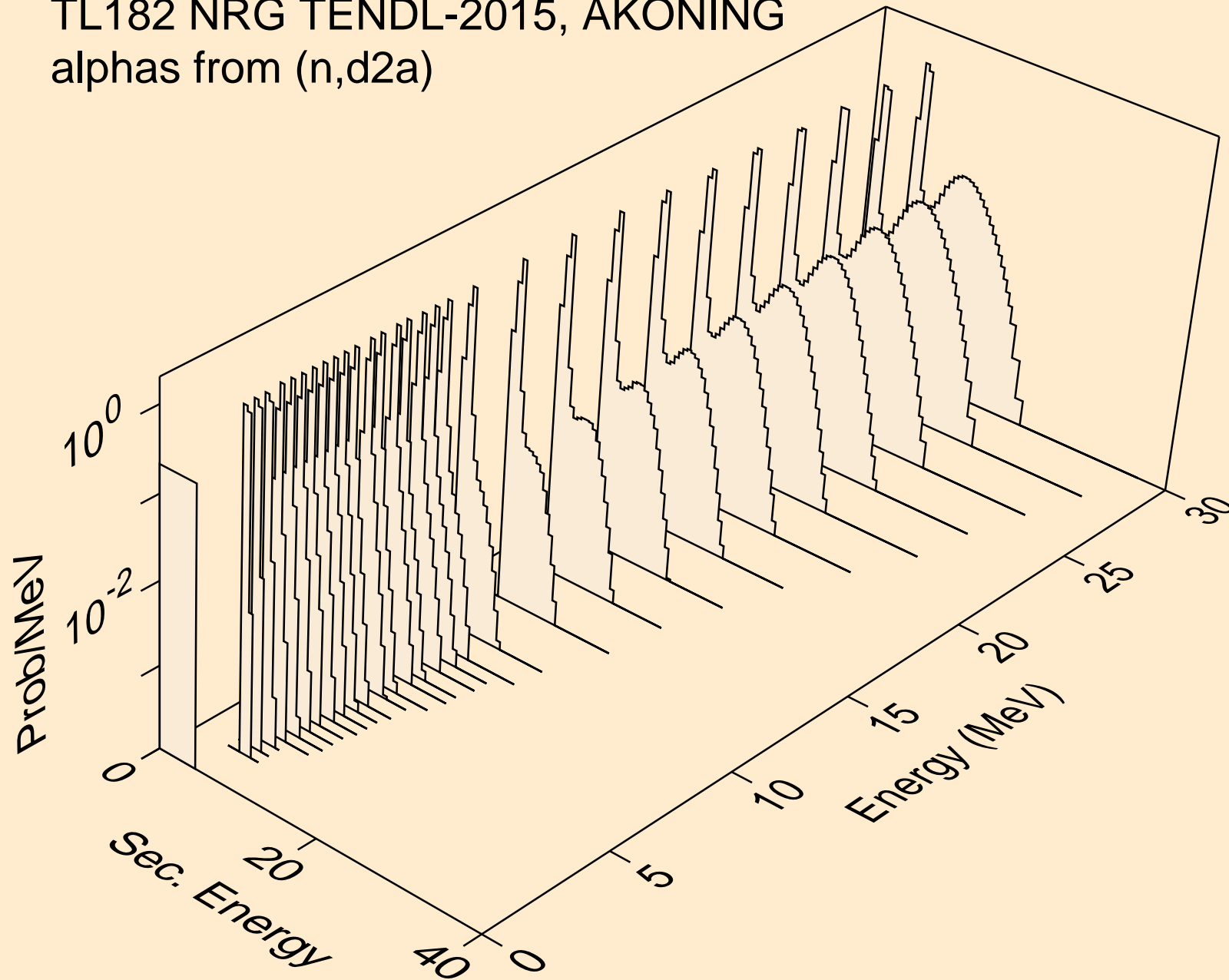




TL182 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



TL182 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



TL182 NRG TENDL-2015, AKONING  
alphas from (n,da)

