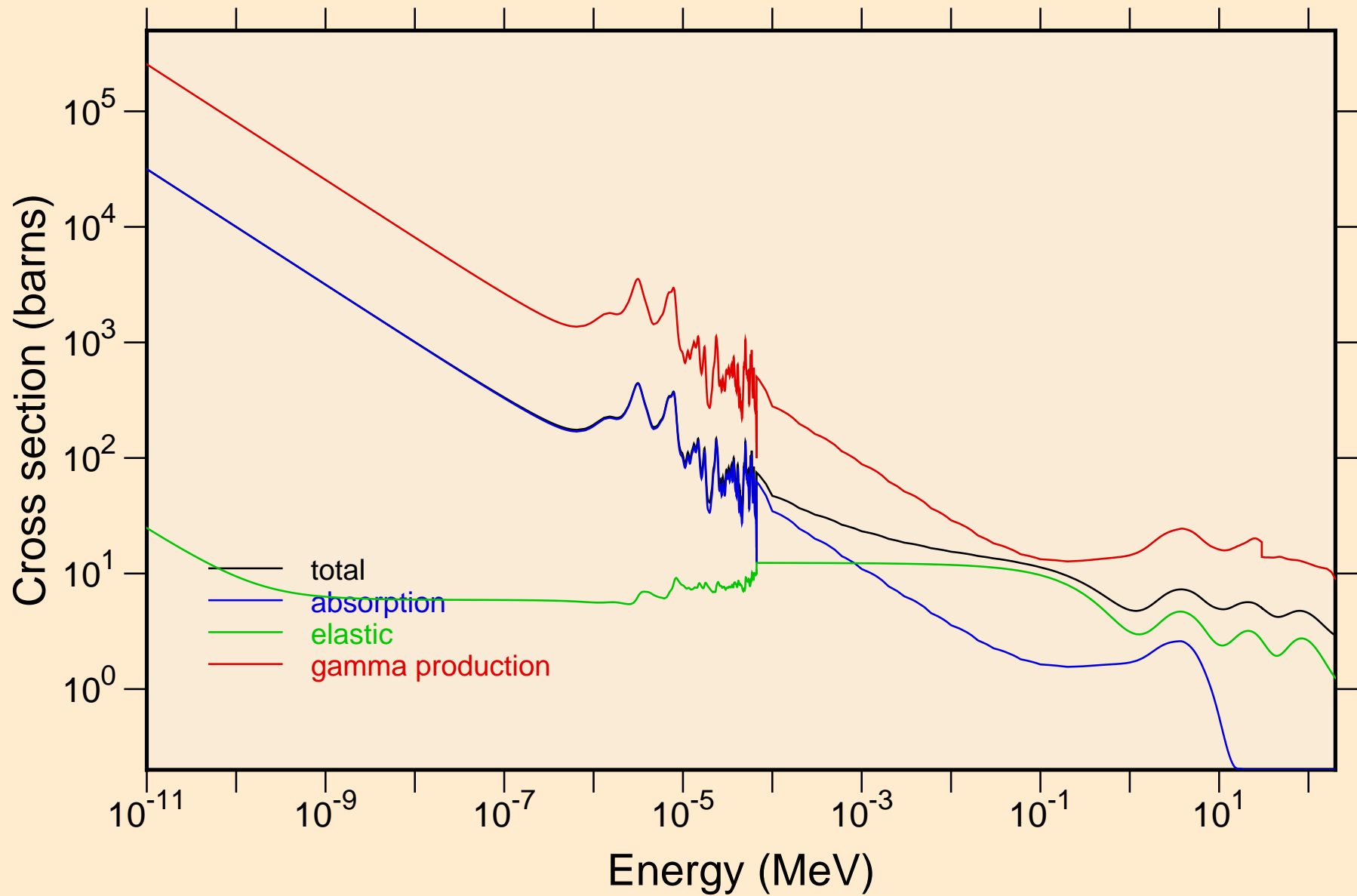


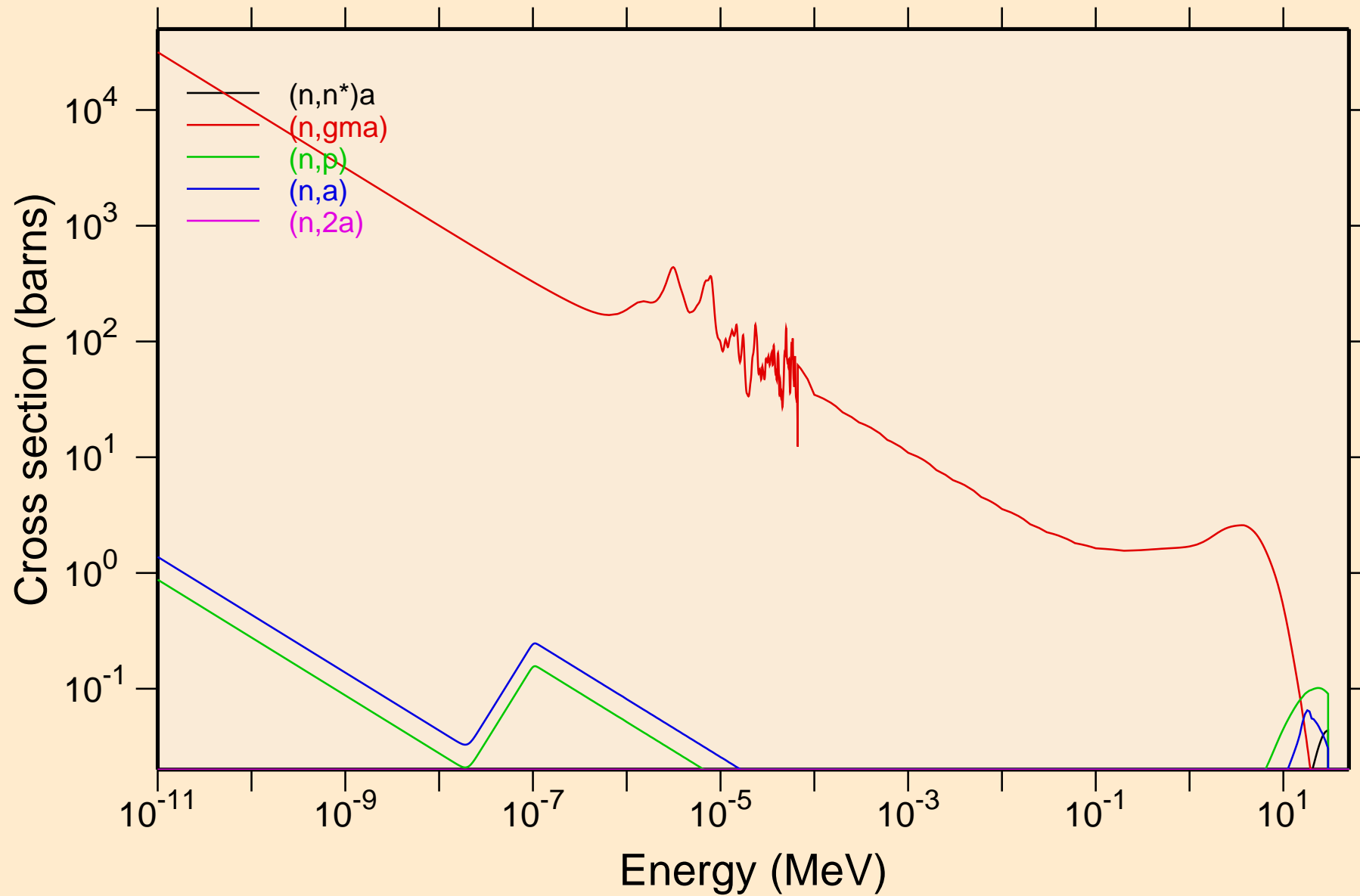
# PO199M NRG TENDL-2015, AKONING

## Principal cross sections

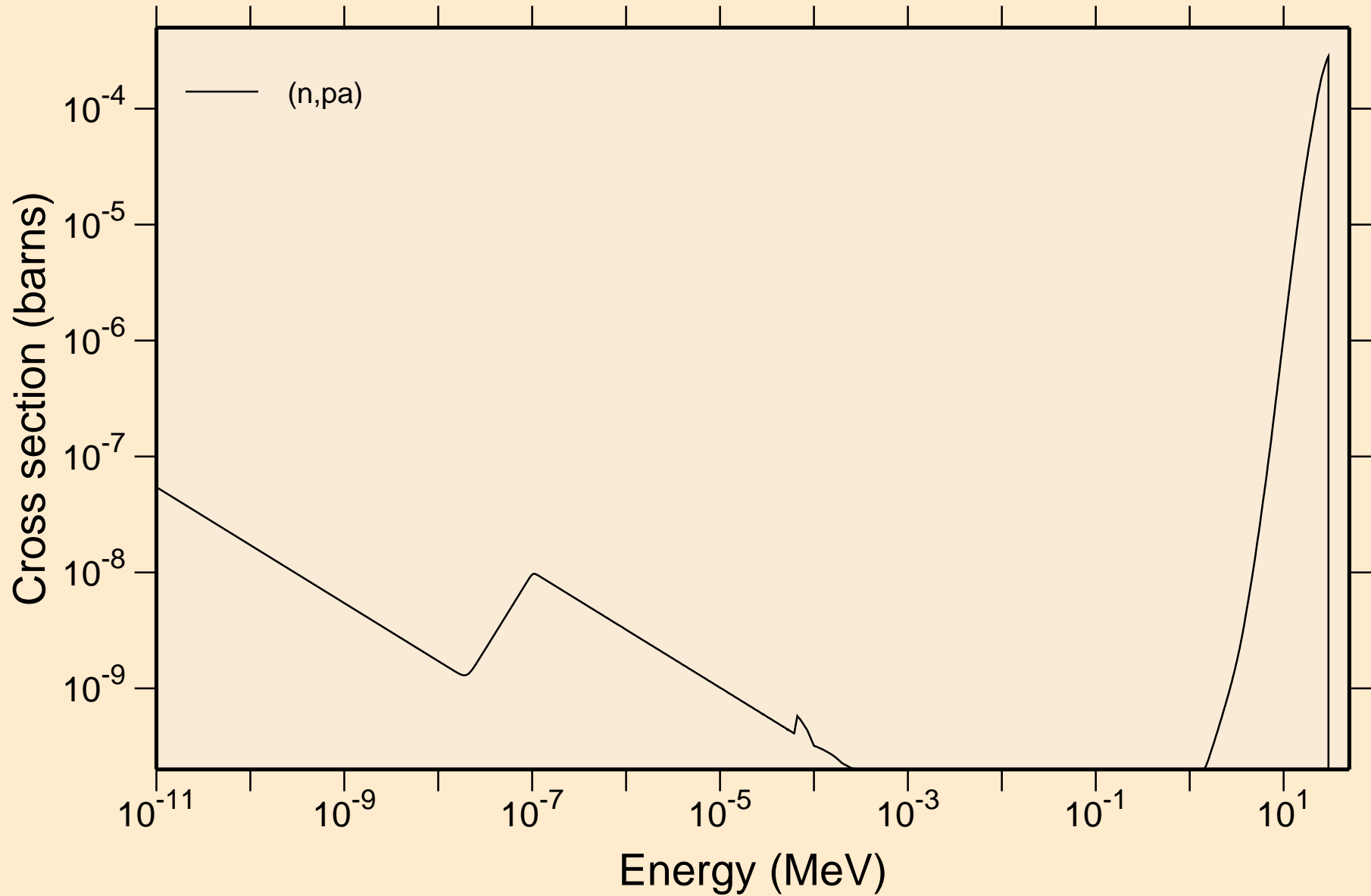


# PO199M NRG TENDL-2015, AKONING

## Non-threshold reactions

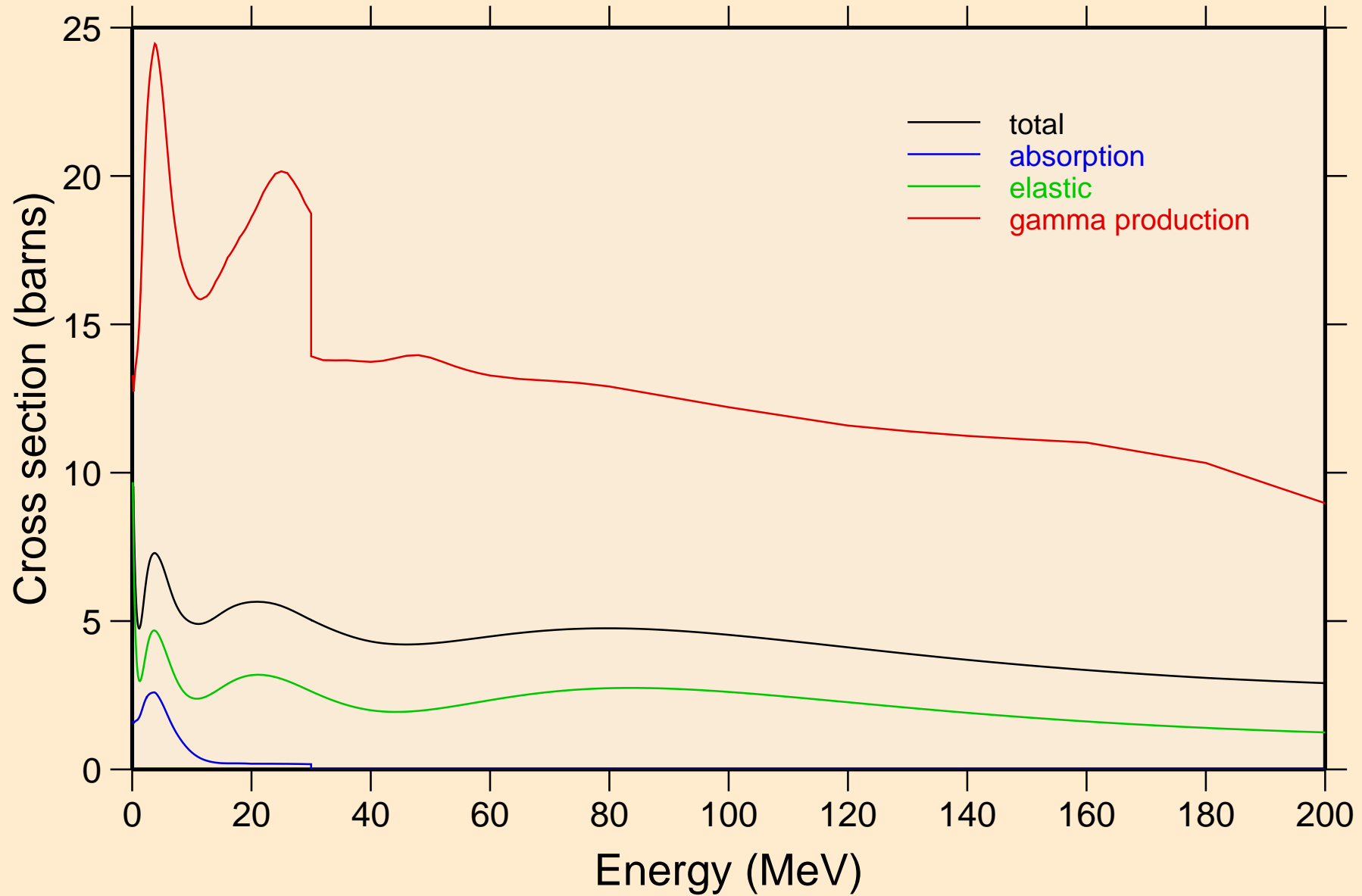


PO199M NRG TENDL-2015, AKONING  
Non-threshold reactions

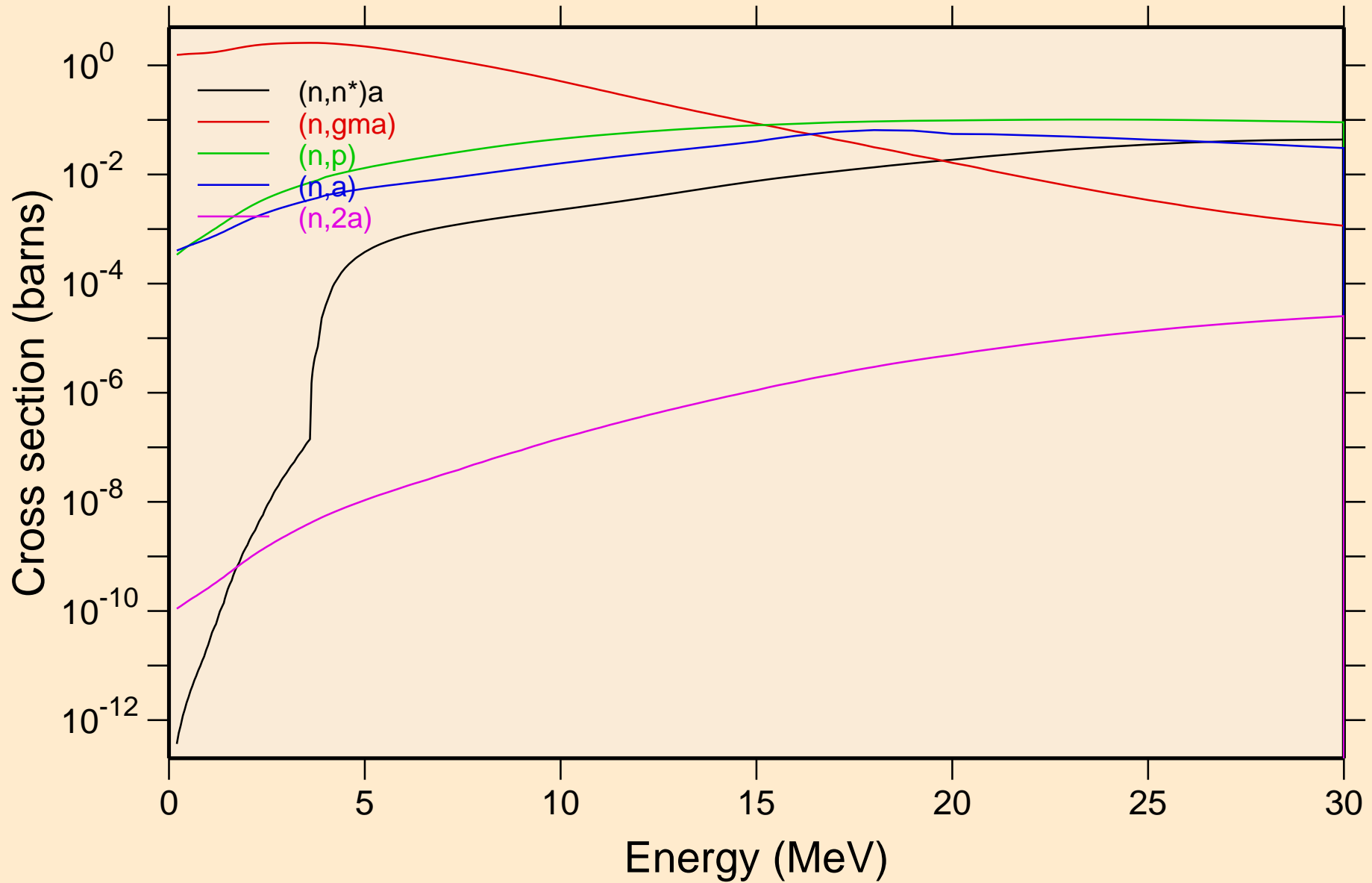


# PO199M NRG TENDL-2015, AKONING

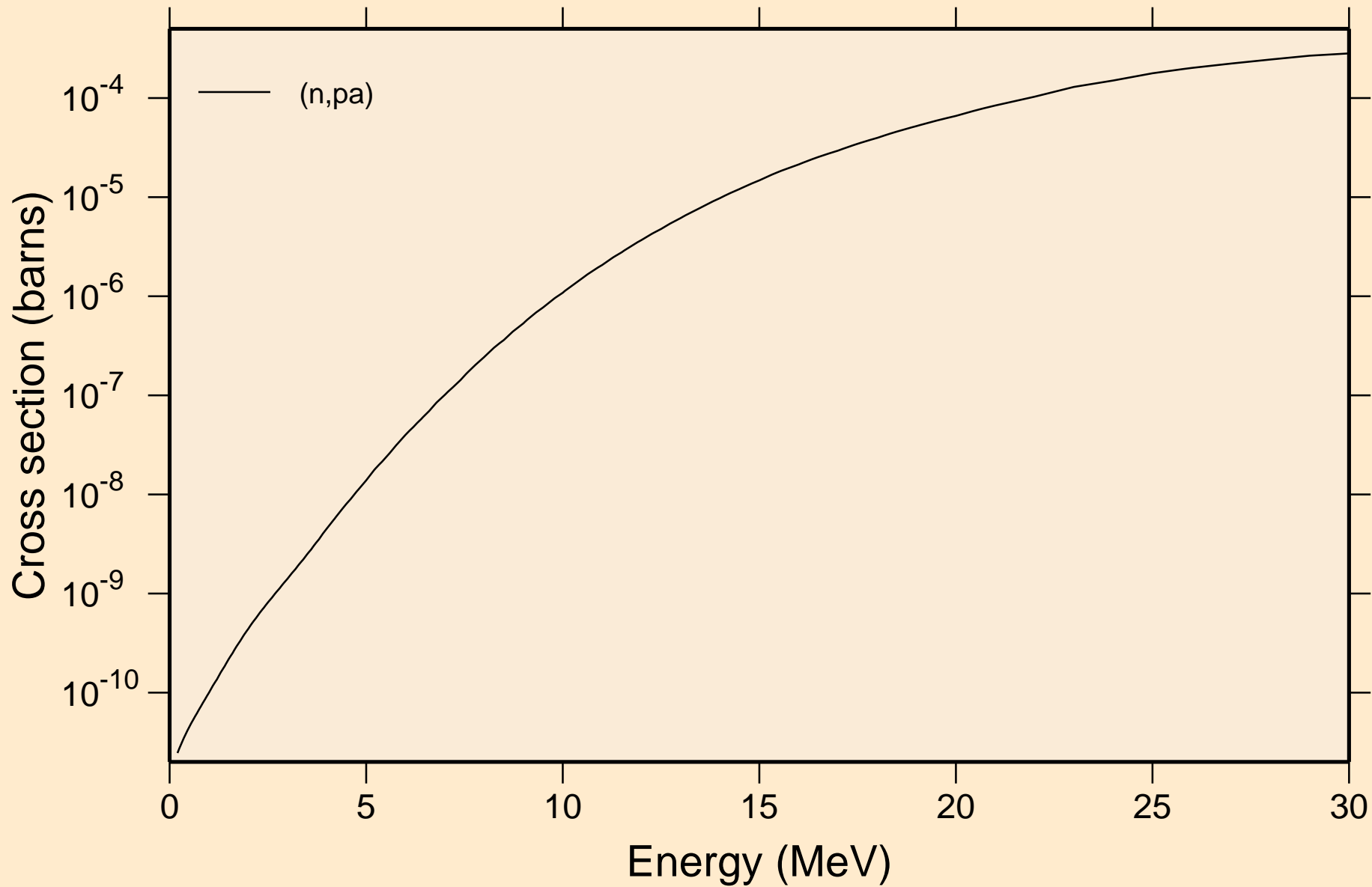
## Principal cross sections



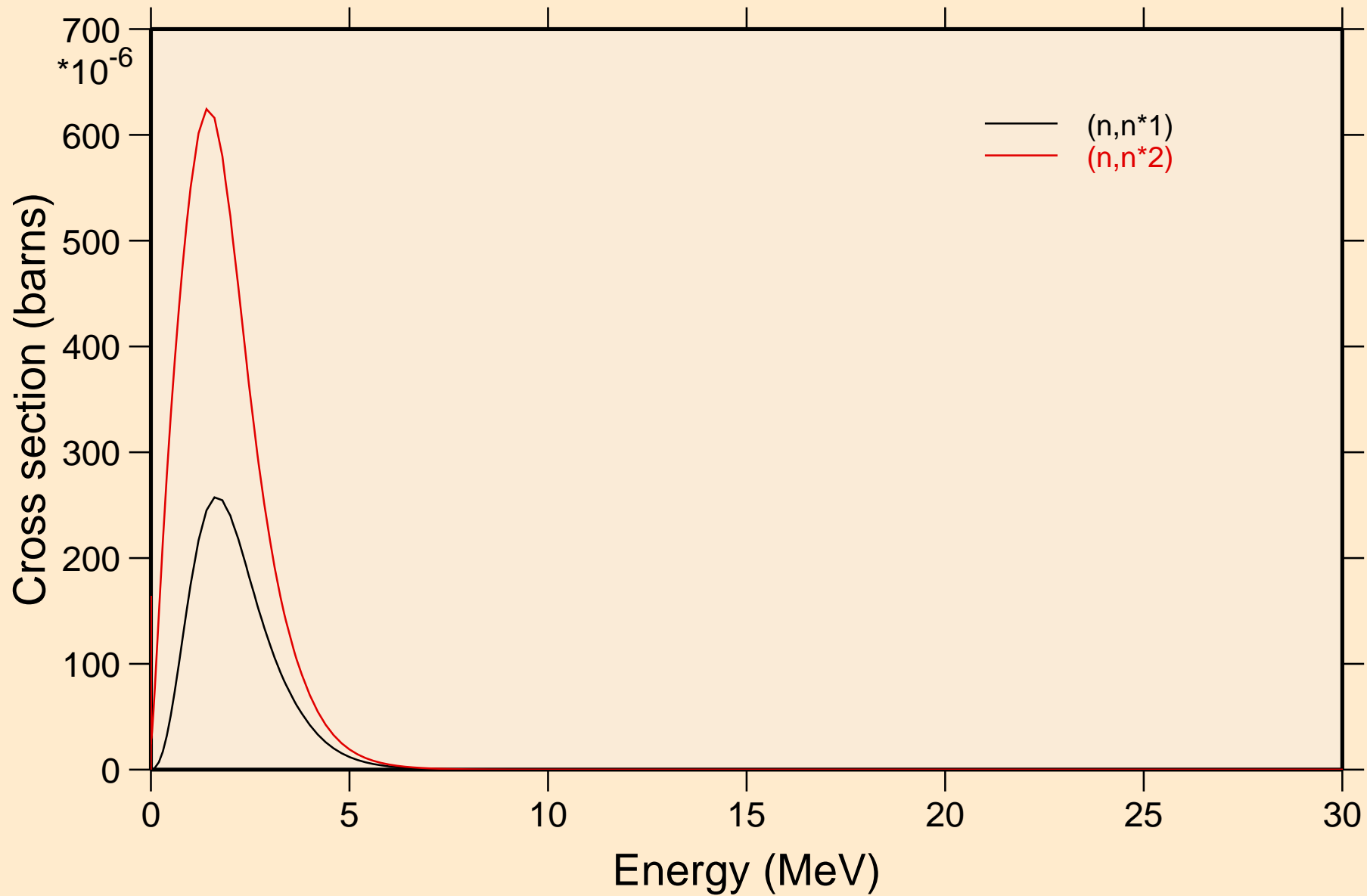
PO199M NRG TENDL-2015, AKONING  
Non-threshold reactions



PO199M NRG TENDL-2015, AKONING  
Non-threshold reactions

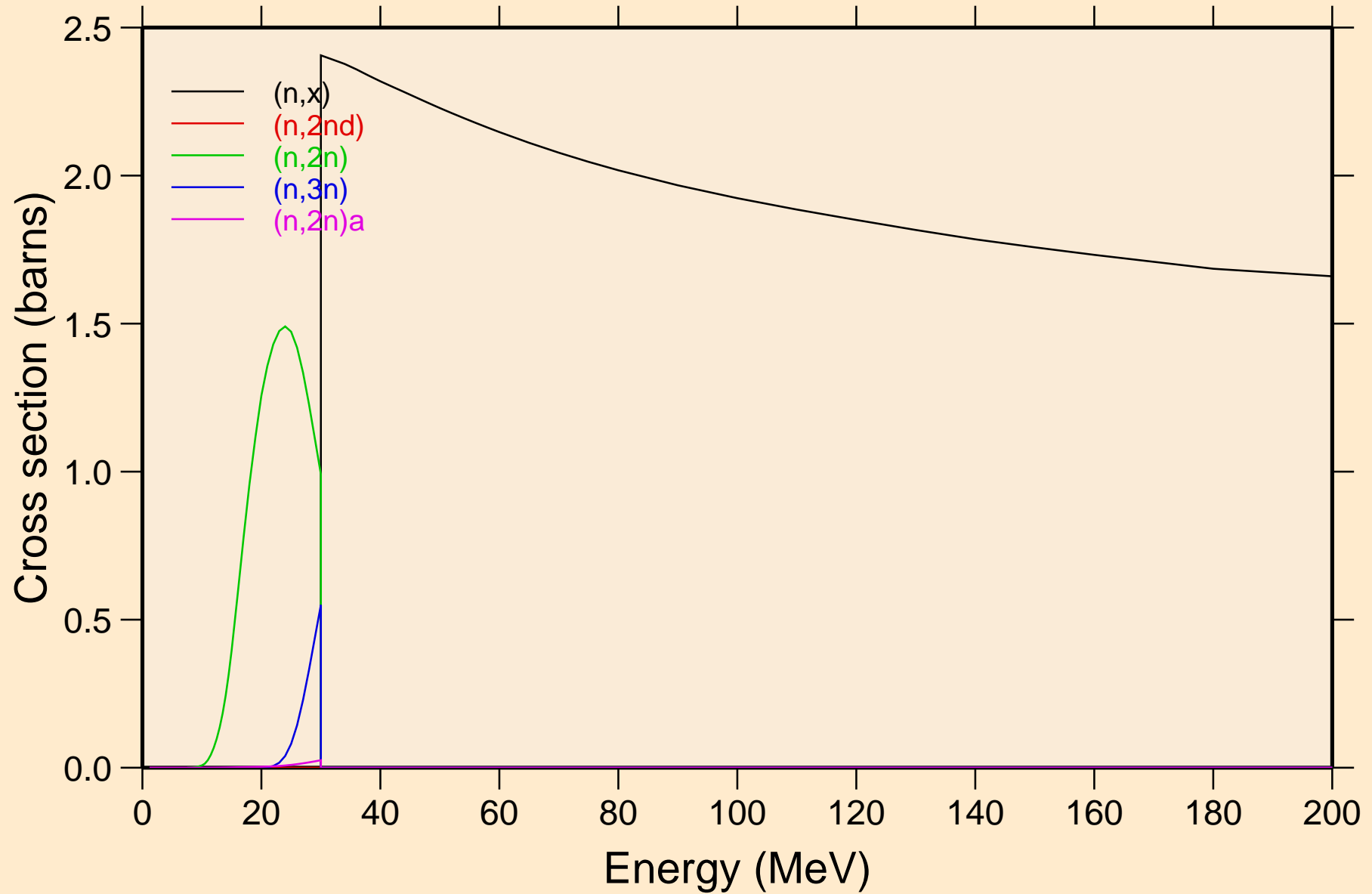


PO199M NRG TENDL-2015, AKONING  
Inelastic levels



# PO199M NRG TENDL-2015, AKONING

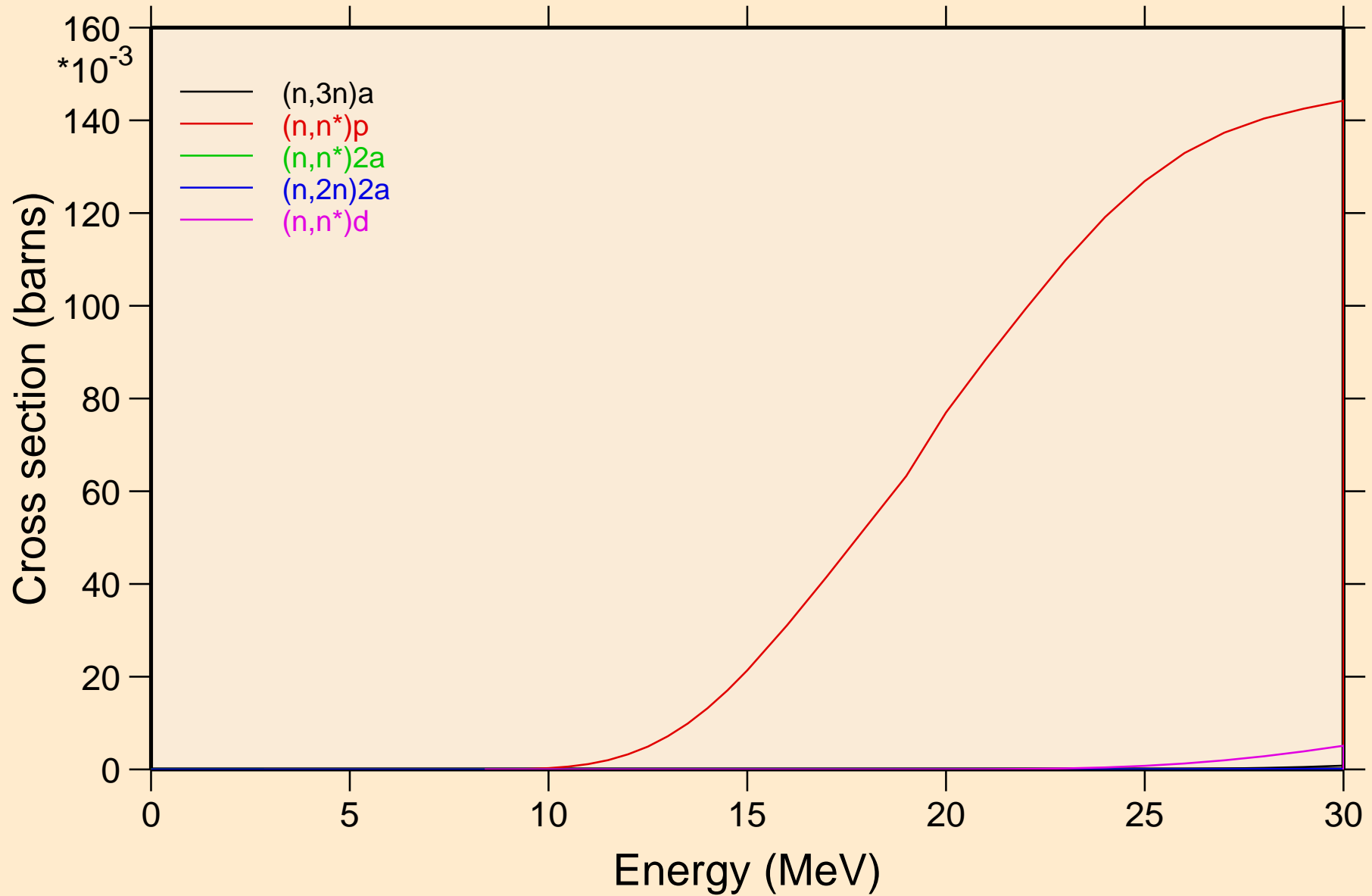
## Threshold reactions





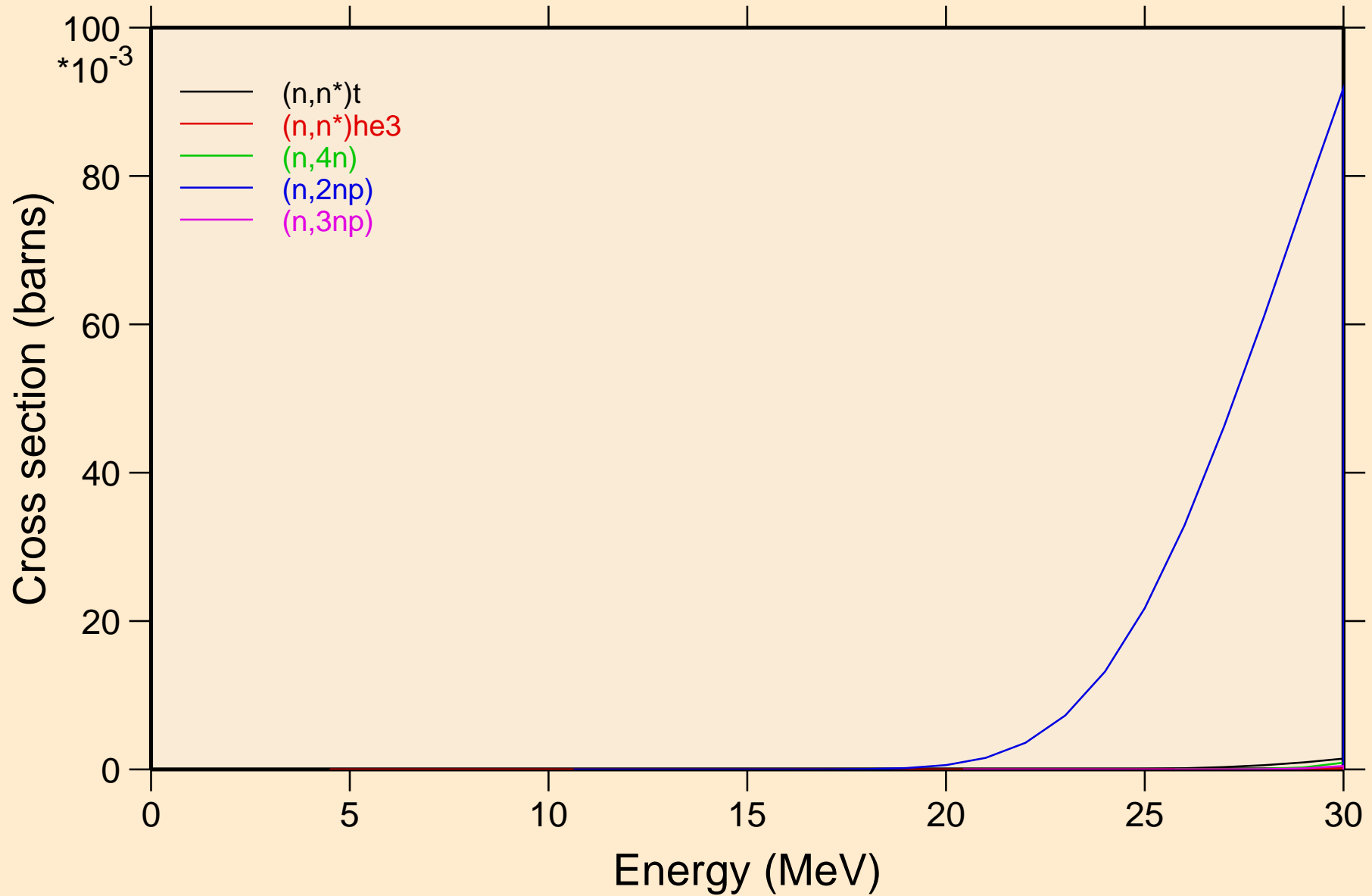
# PO199M NRG TENDL-2015, AKONING

## Threshold reactions



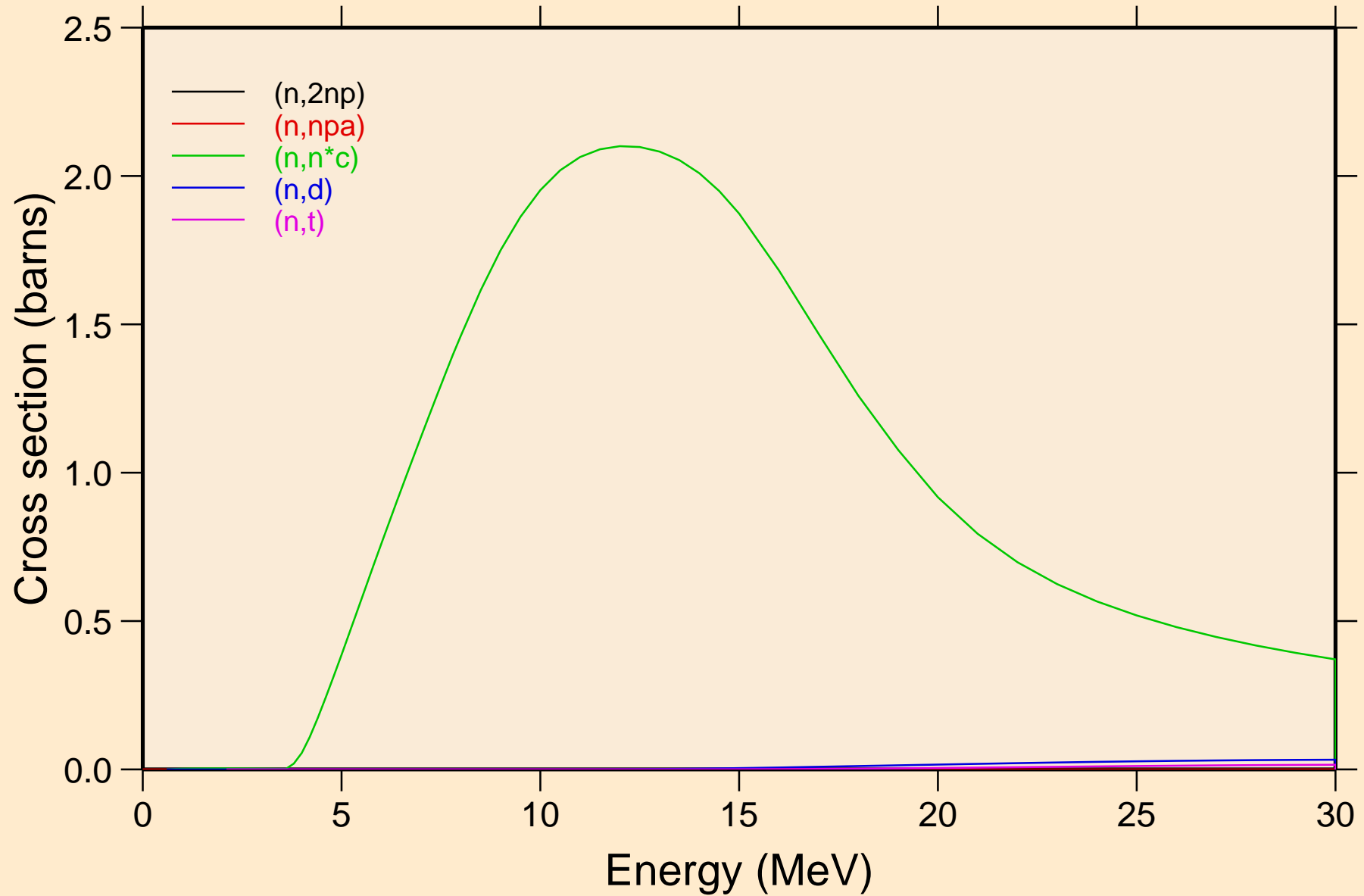
# PO199M NRG TENDL-2015, AKONING

## Threshold reactions



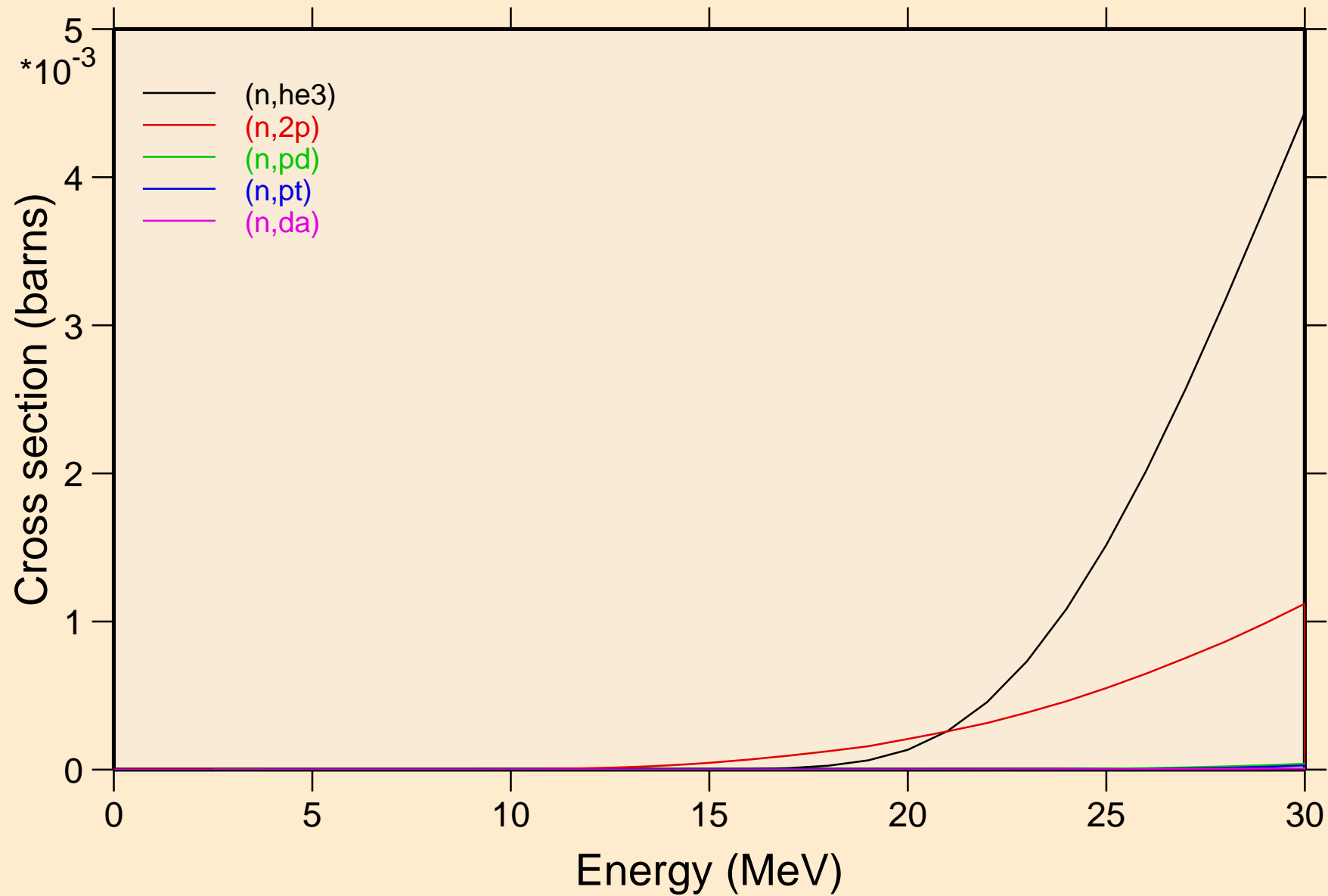
# PO199M NRG TENDL-2015, AKONING

## Threshold reactions

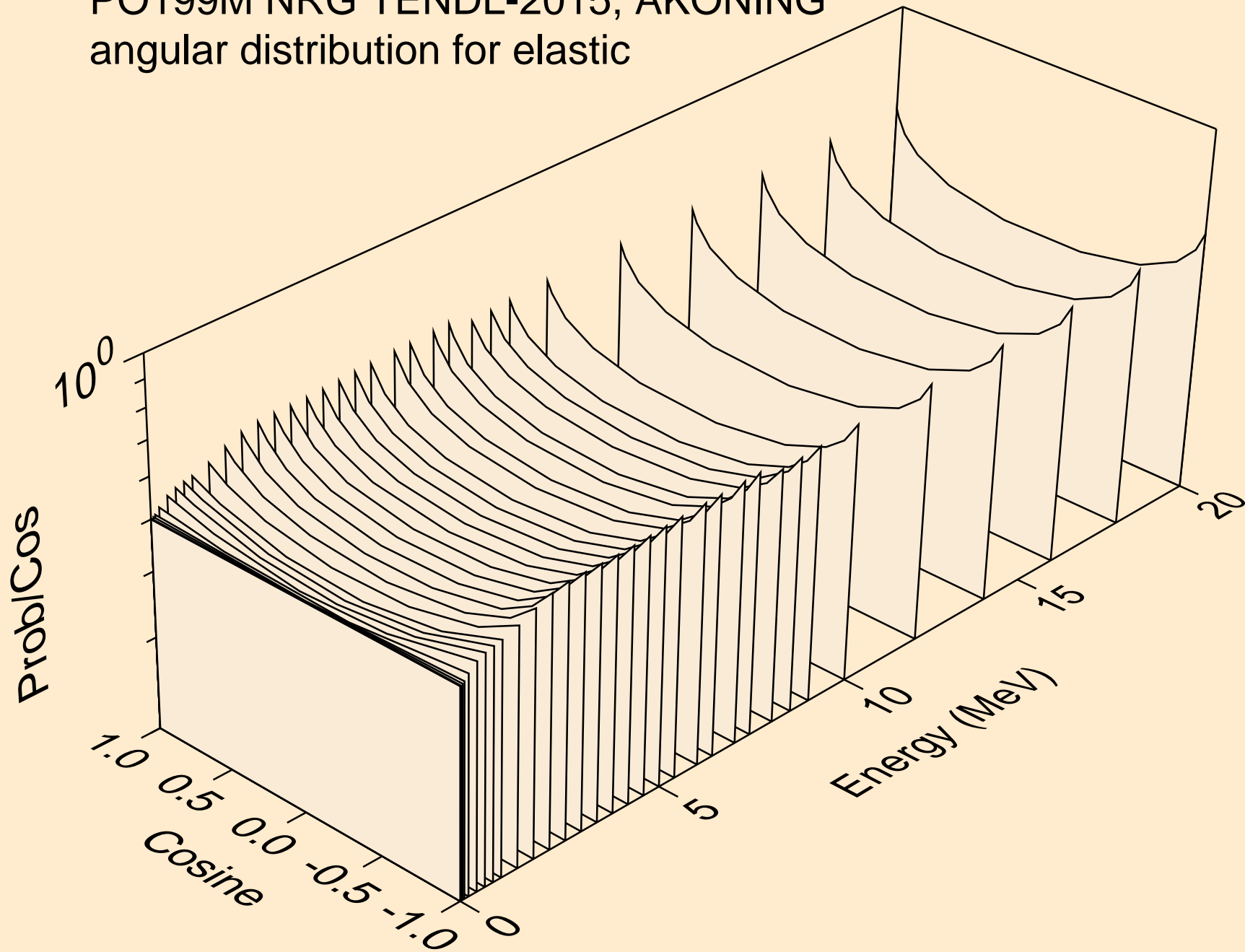


# PO199M NRG TENDL-2015, AKONING

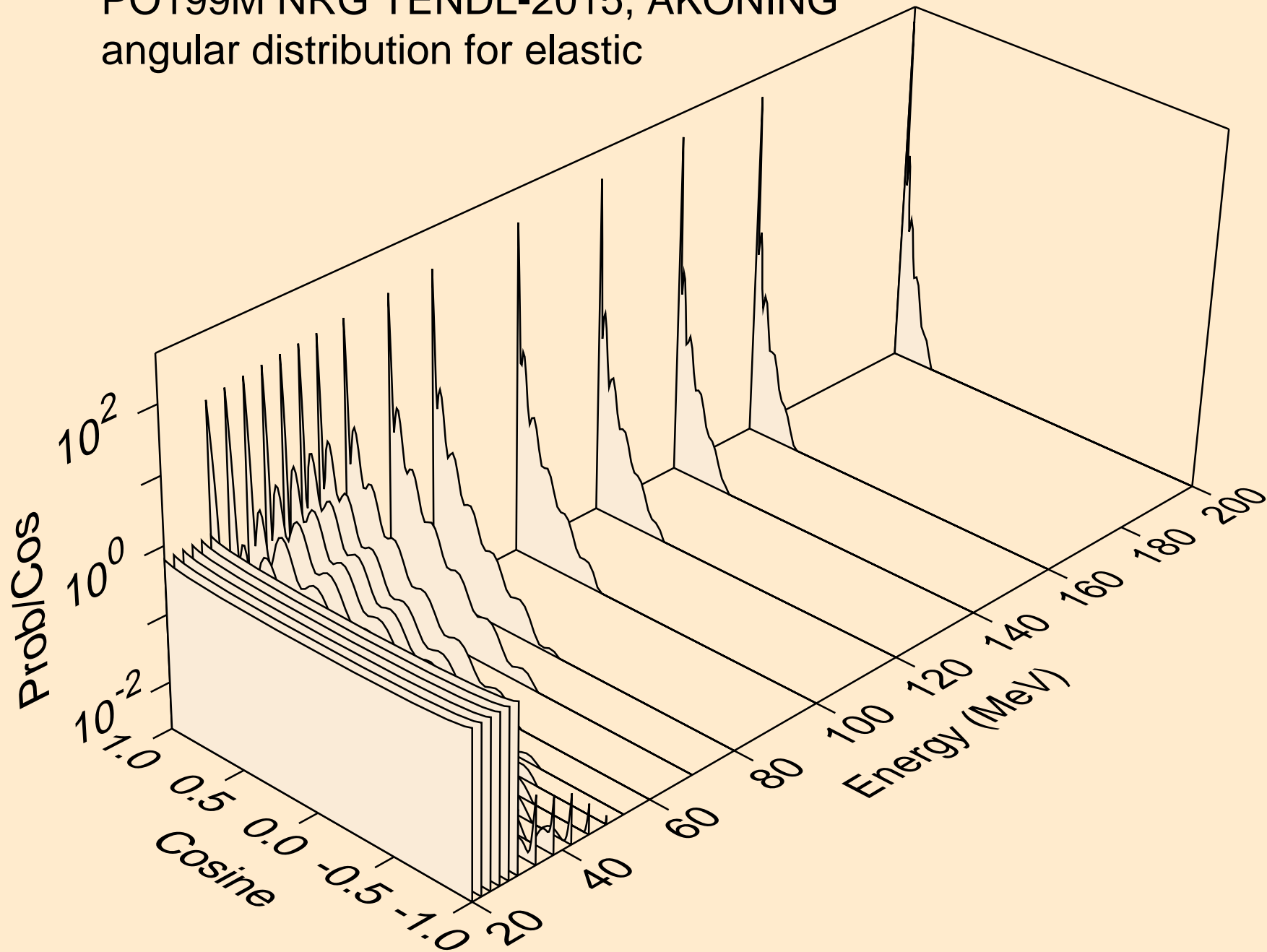
## Threshold reactions



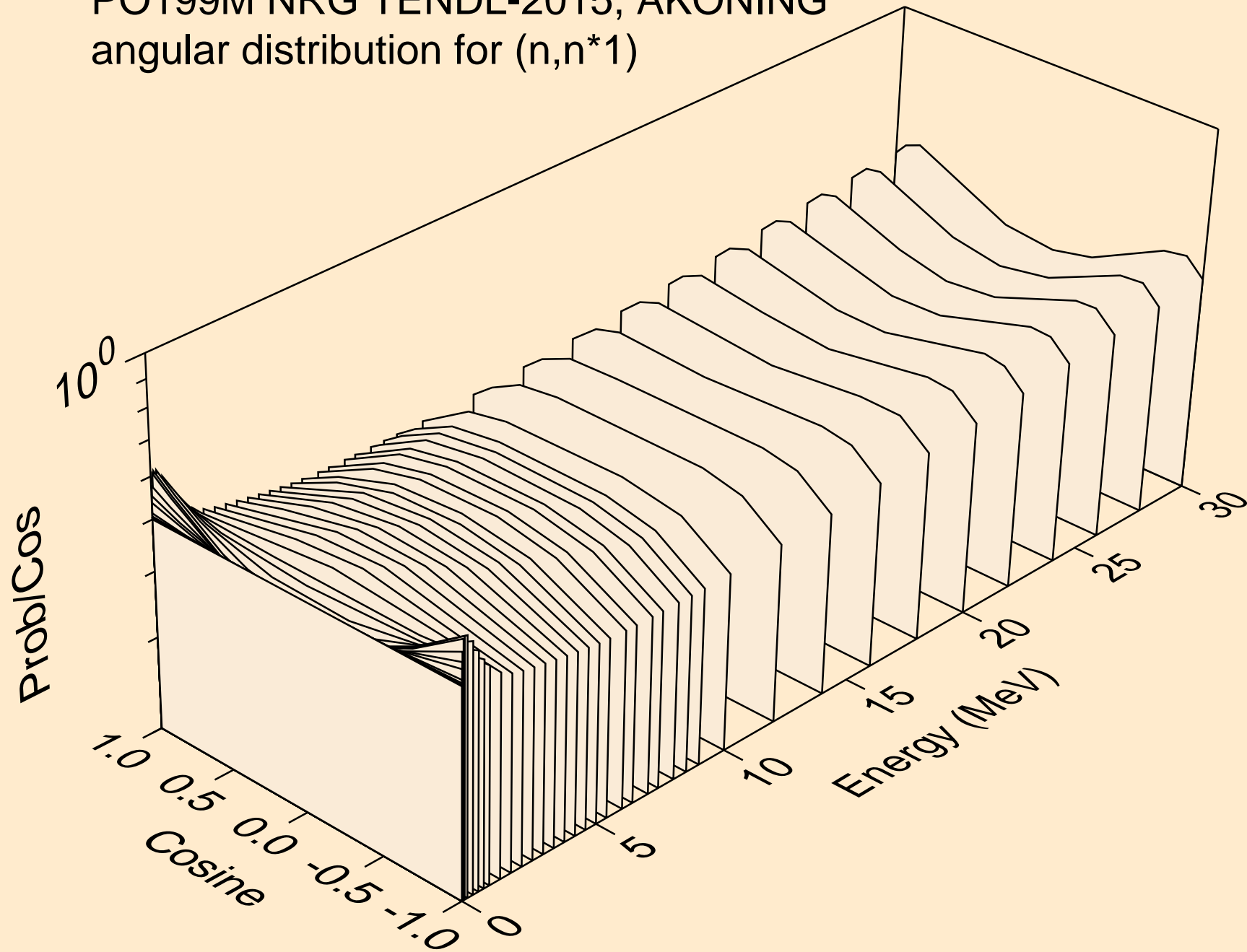
PO199M NRG TENDL-2015, AKONING  
angular distribution for elastic



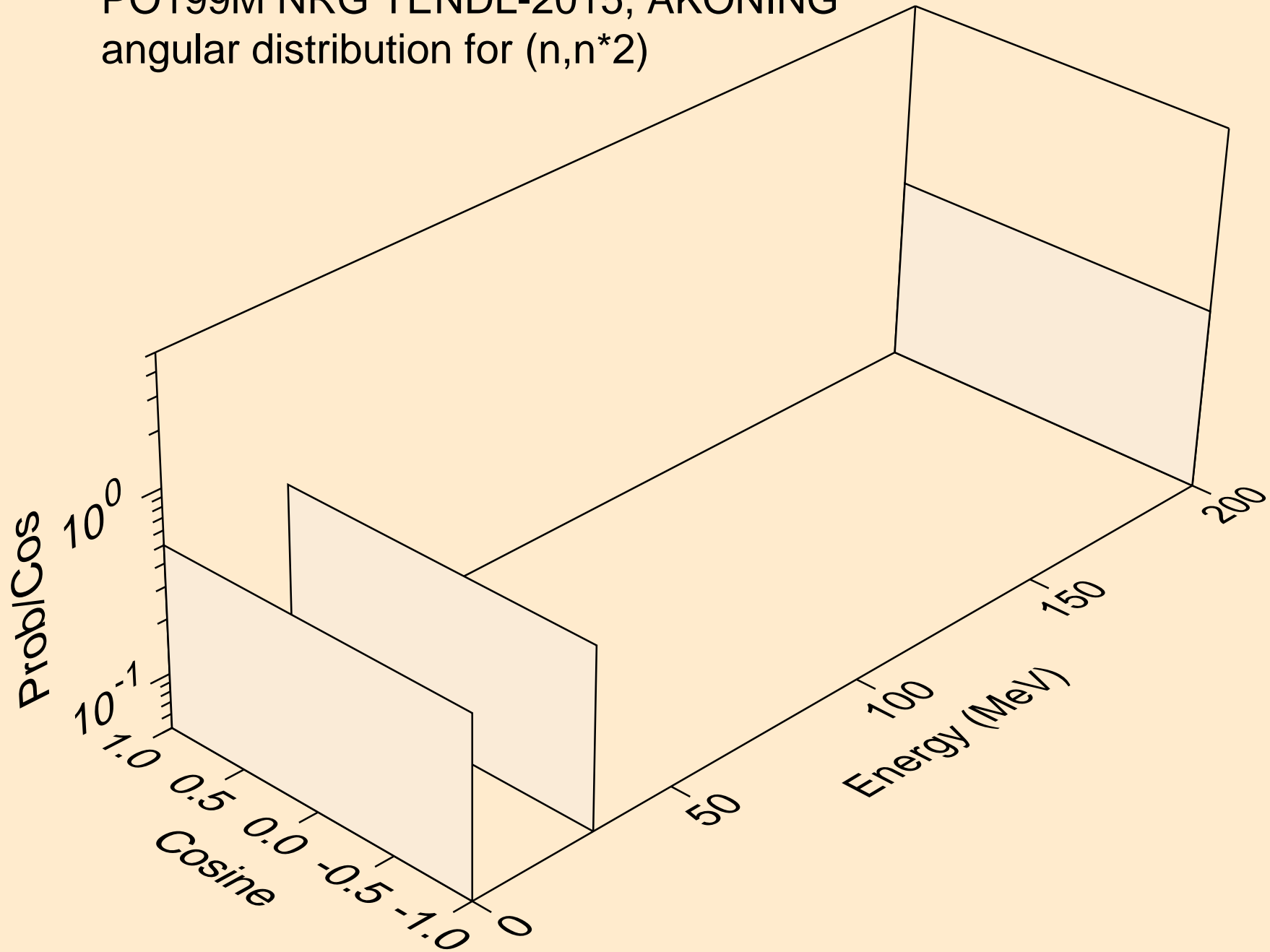
PO199M NRG TENDL-2015, AKONING  
angular distribution for elastic



PO199M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

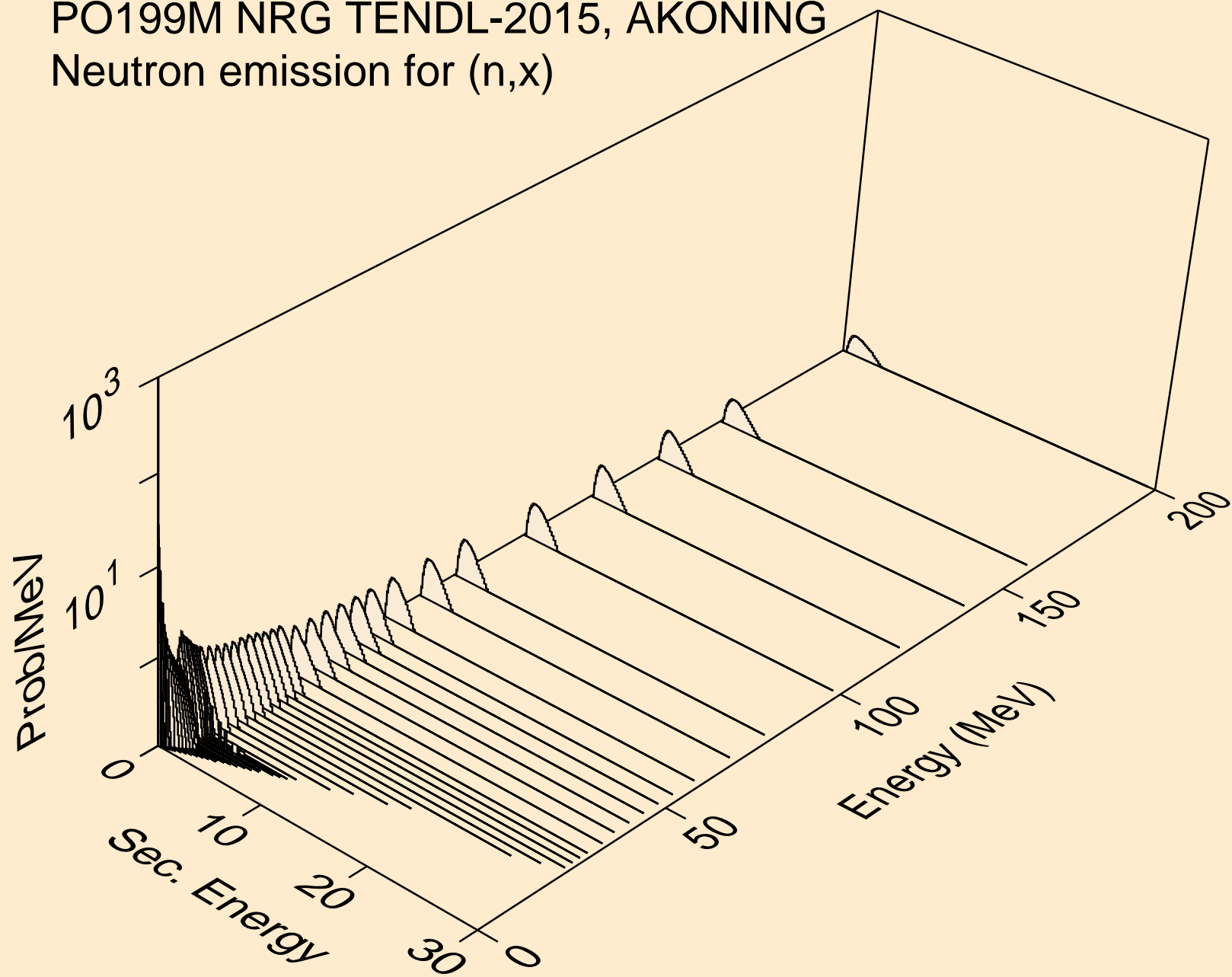


PO199M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

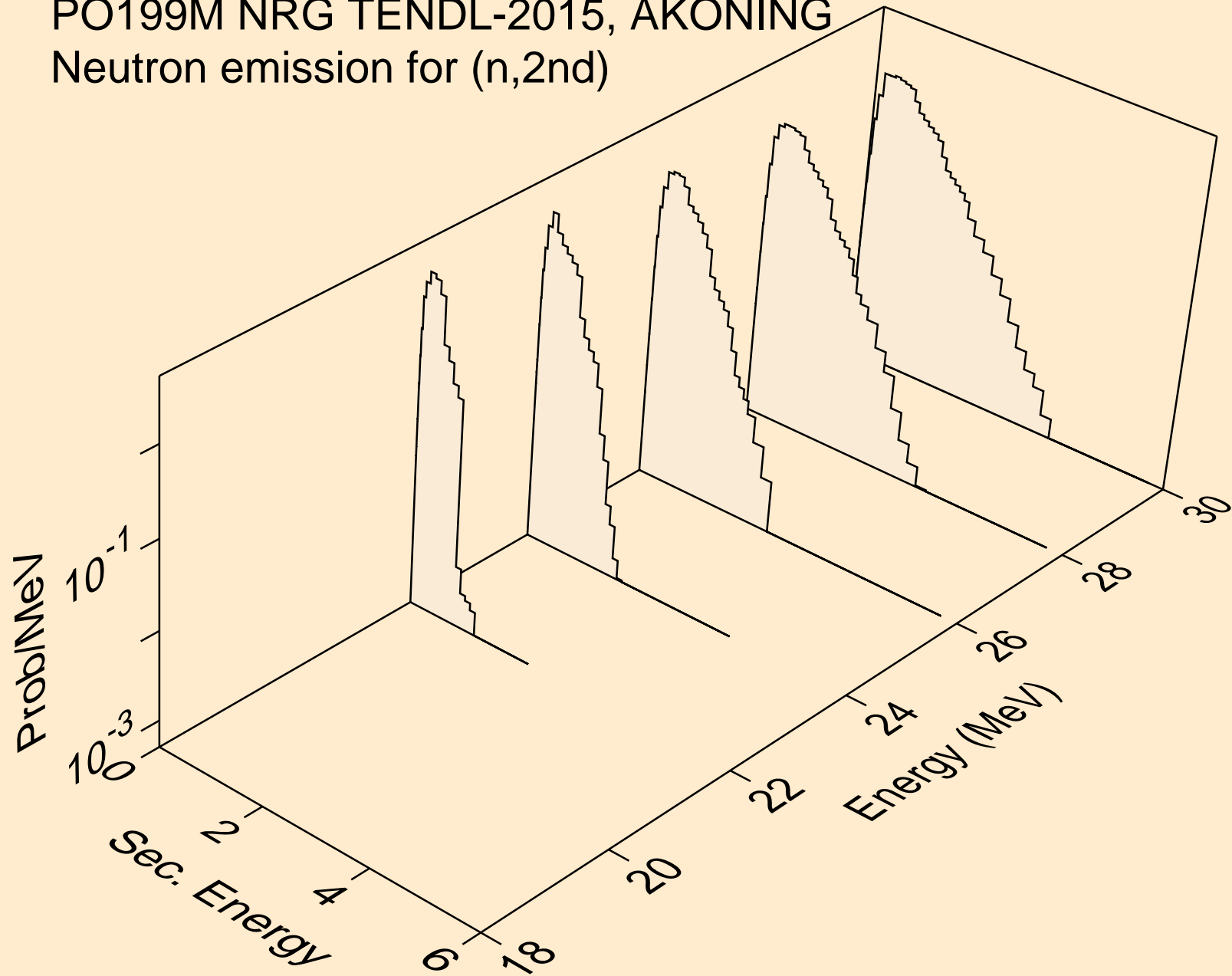




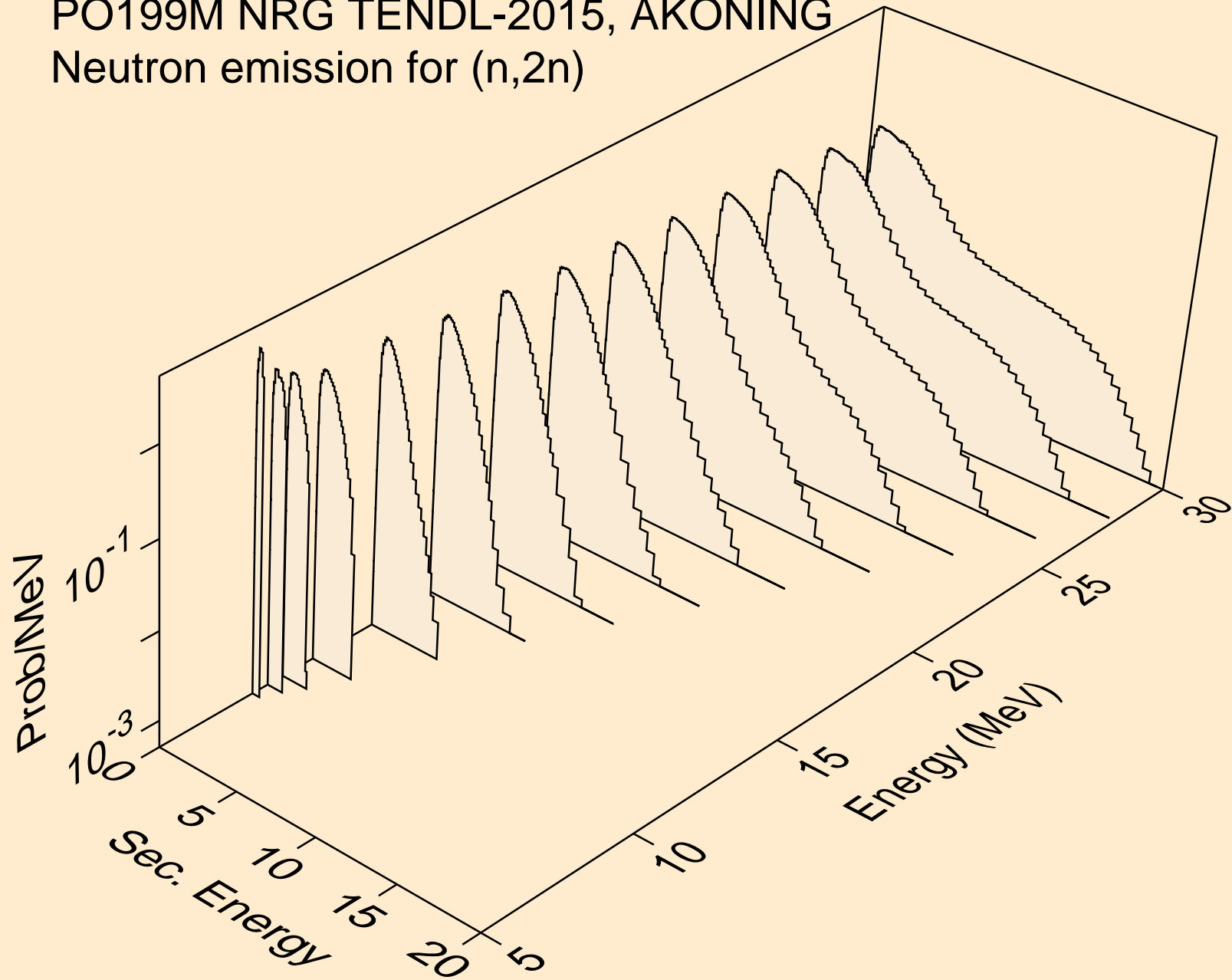
PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



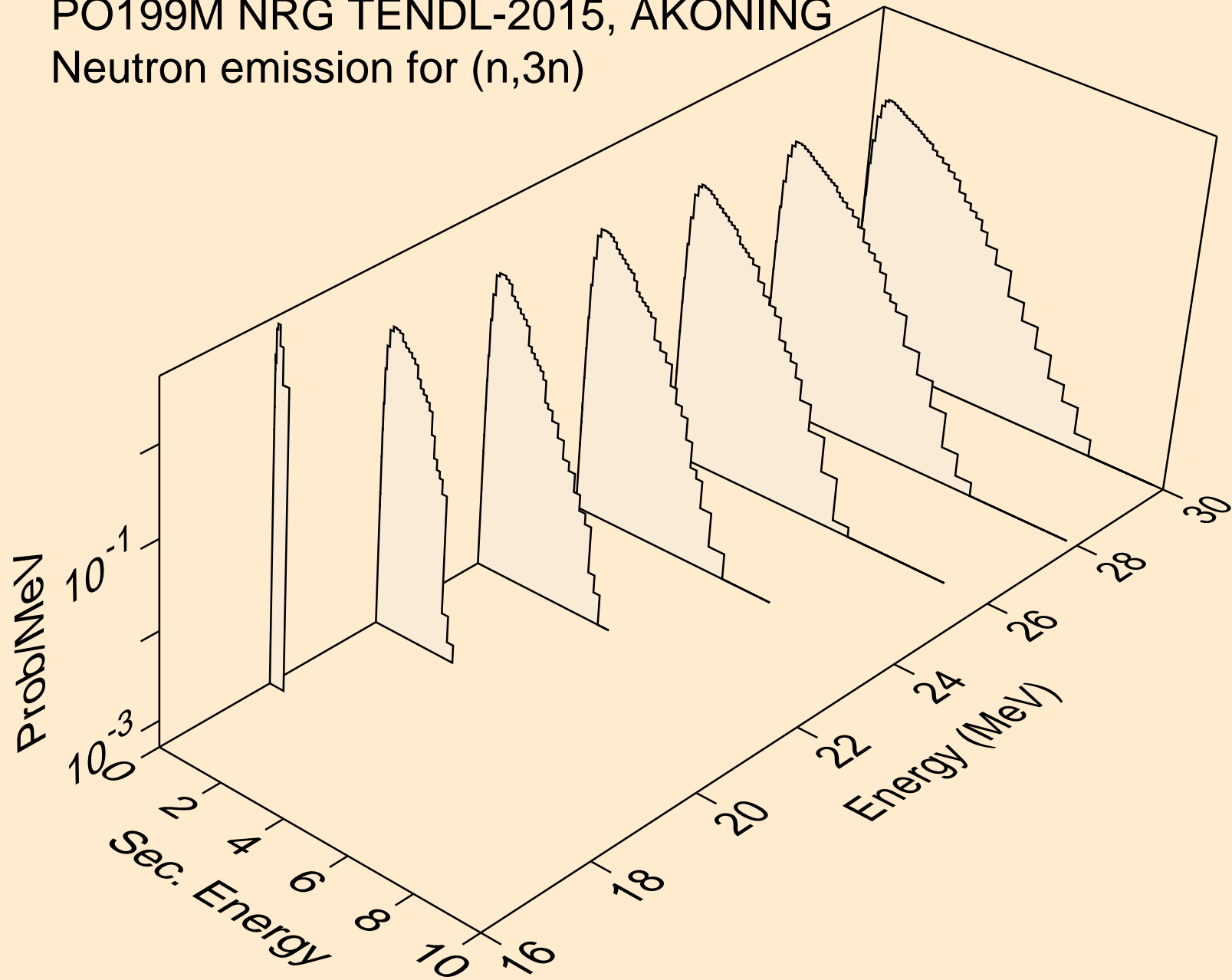
PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



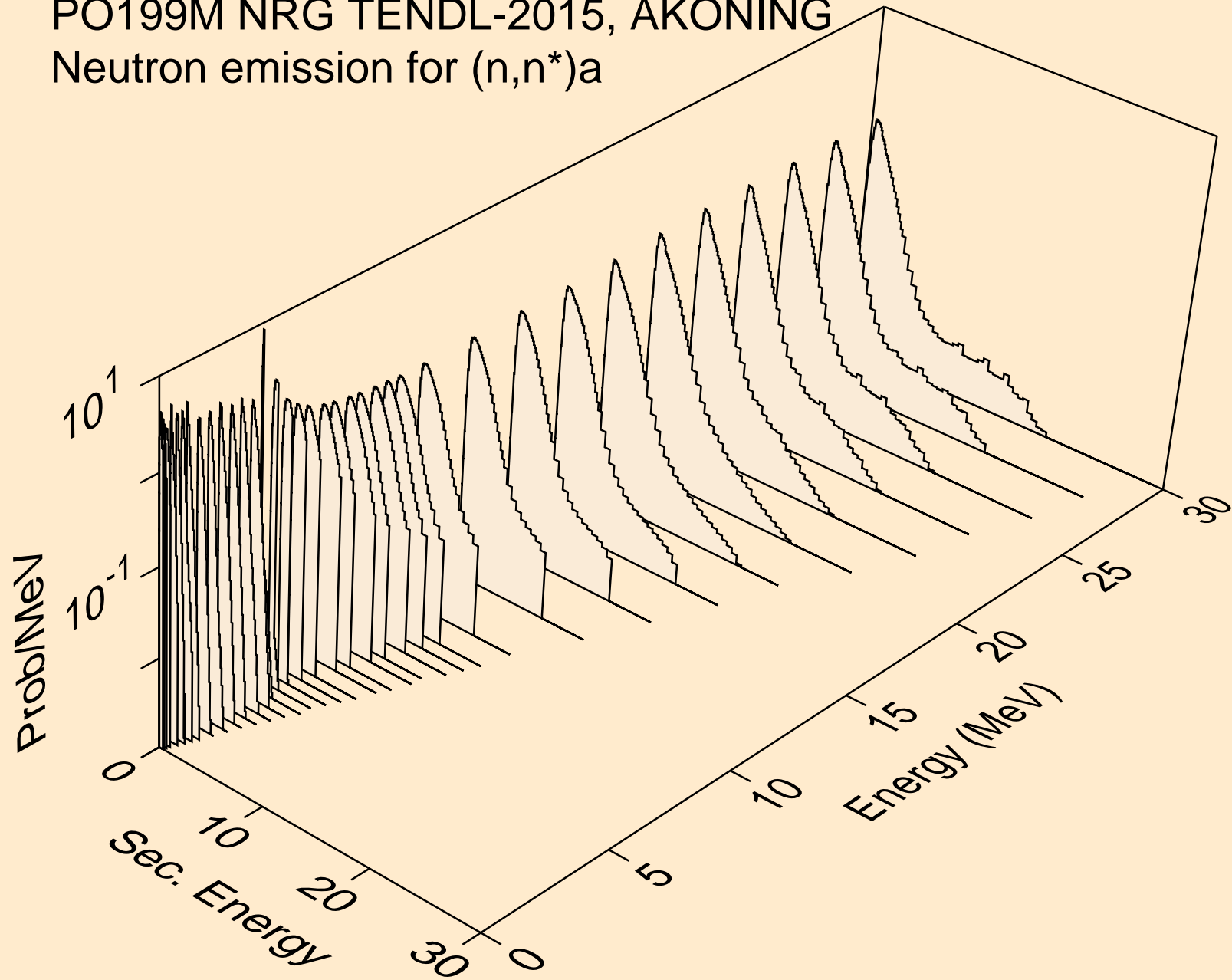
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Neutron emission for (n,2n)



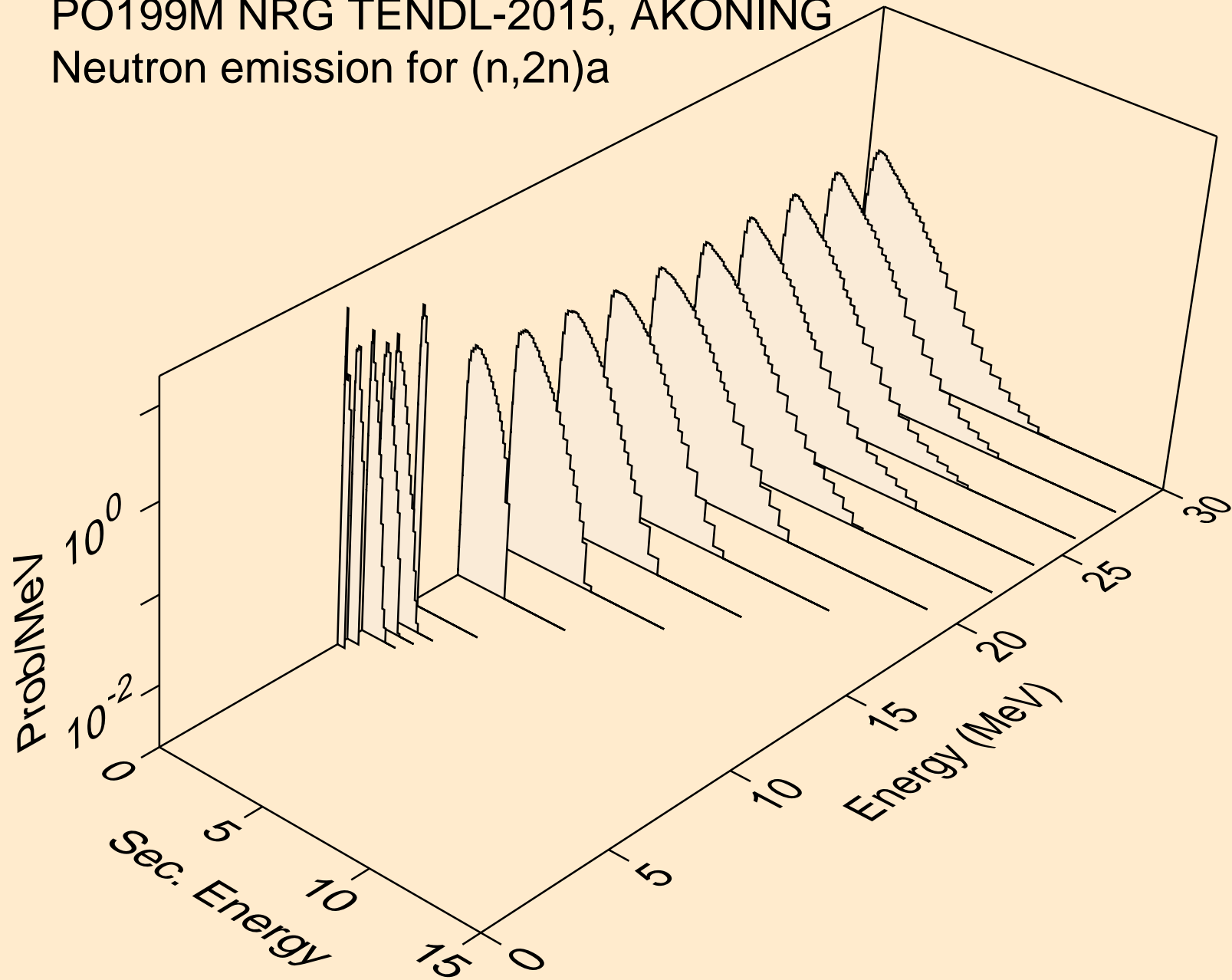
PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



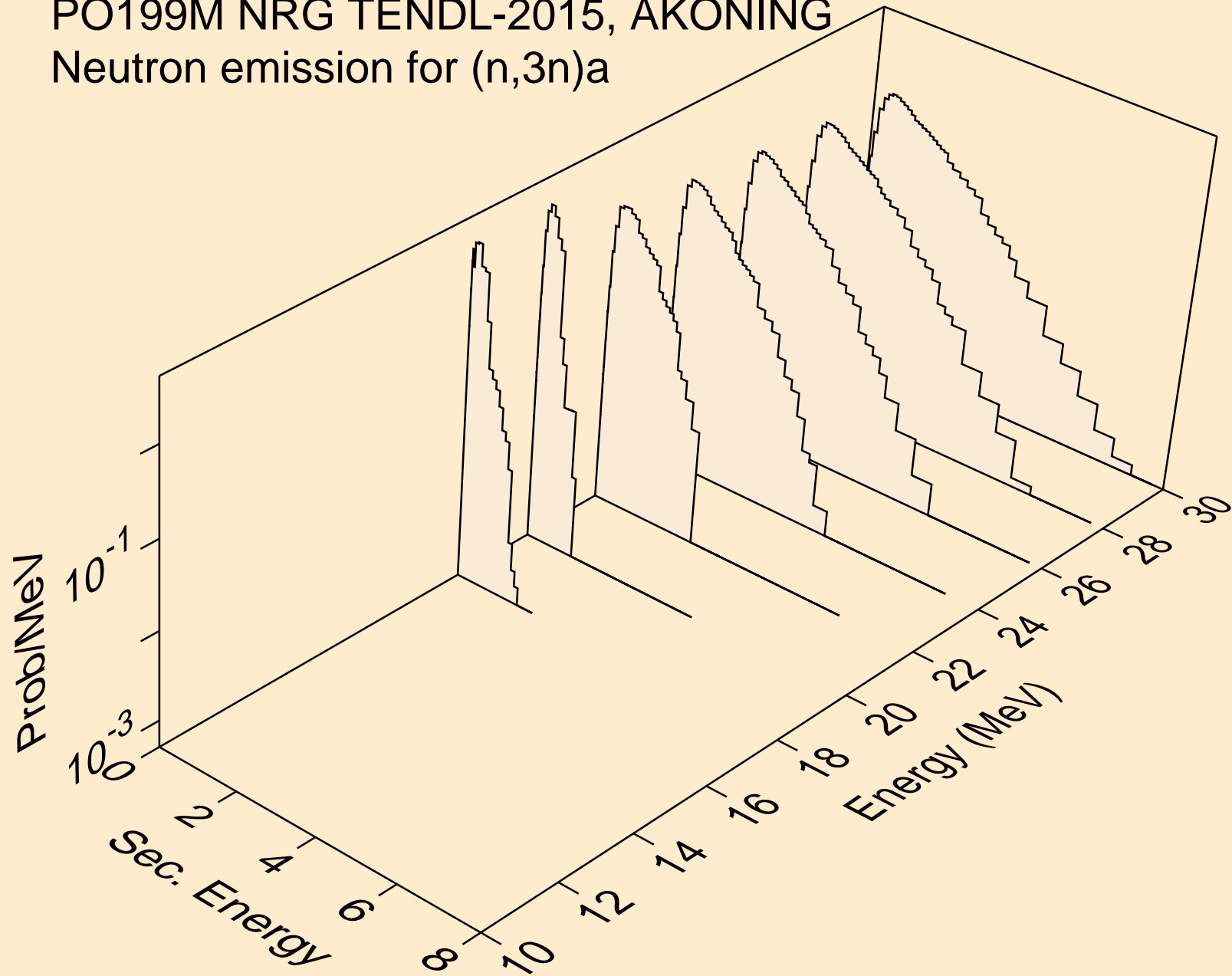
PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



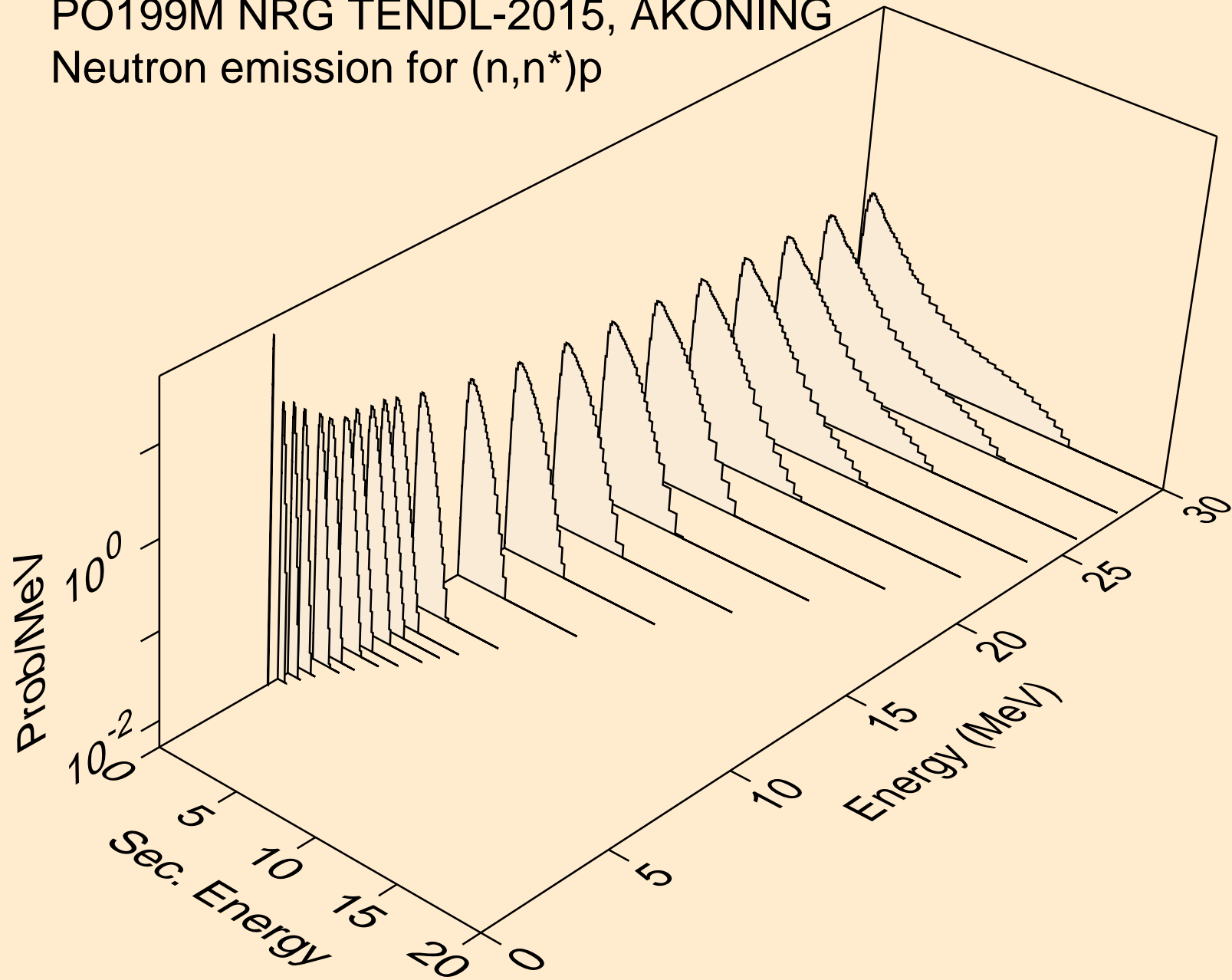
PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

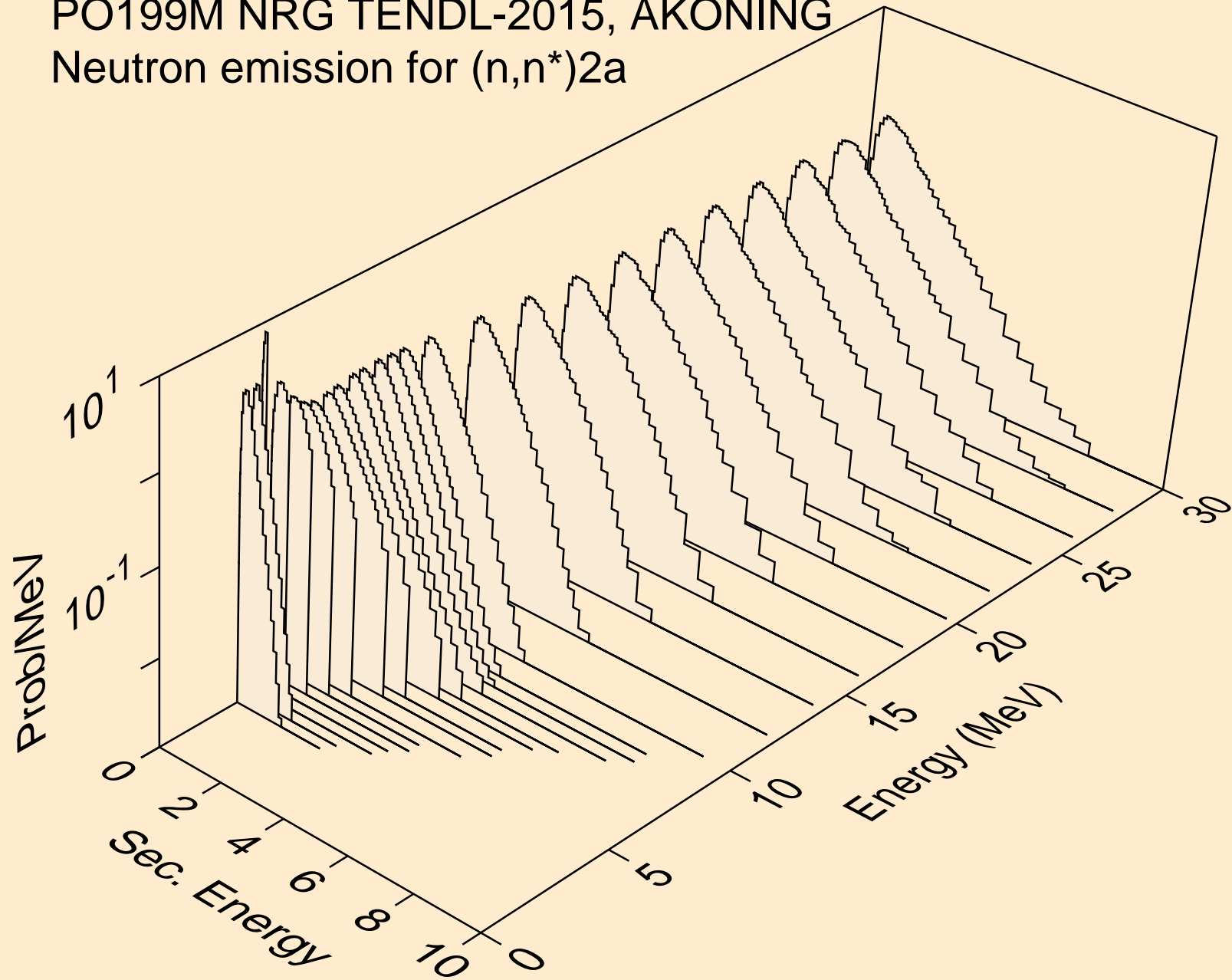


PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

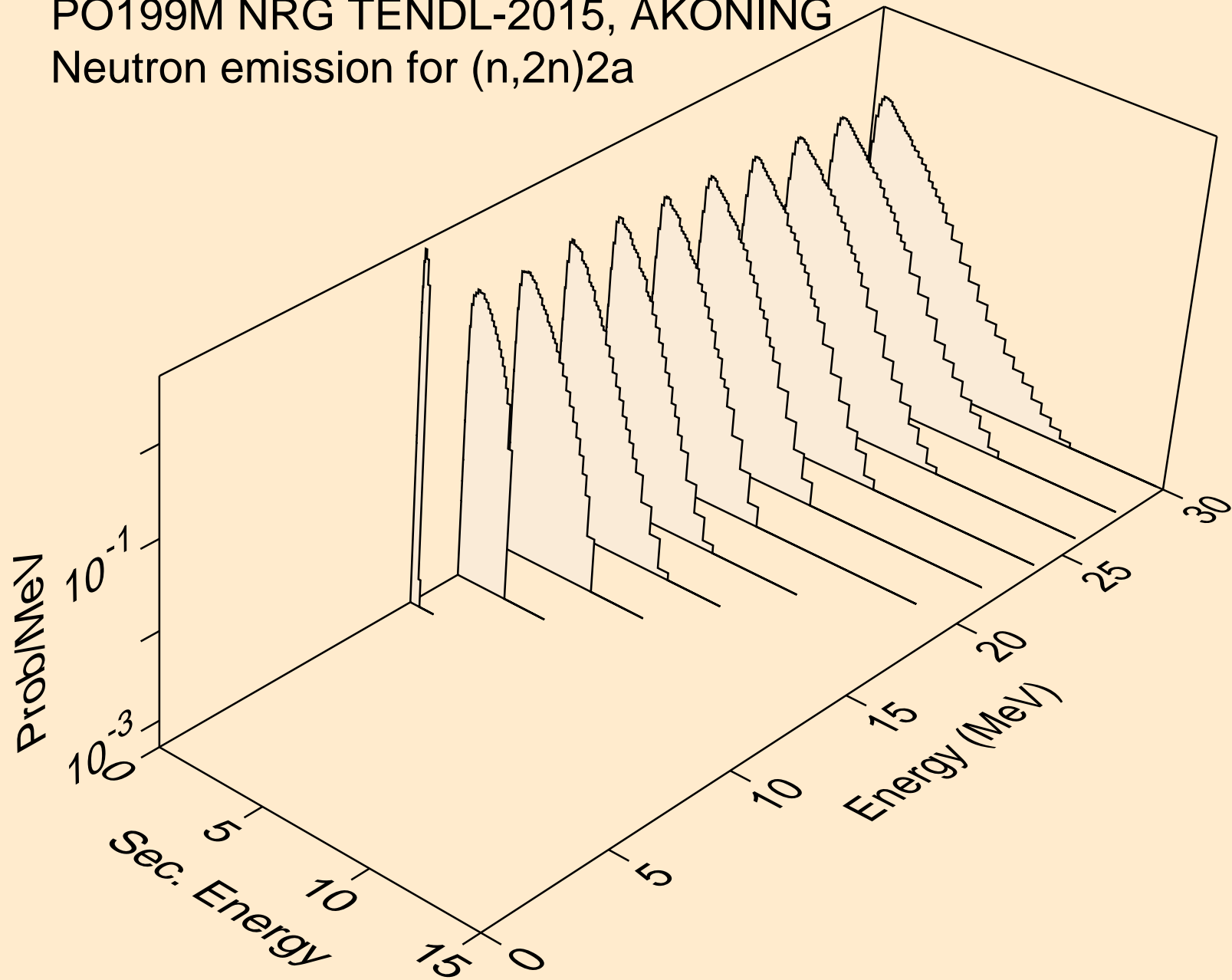




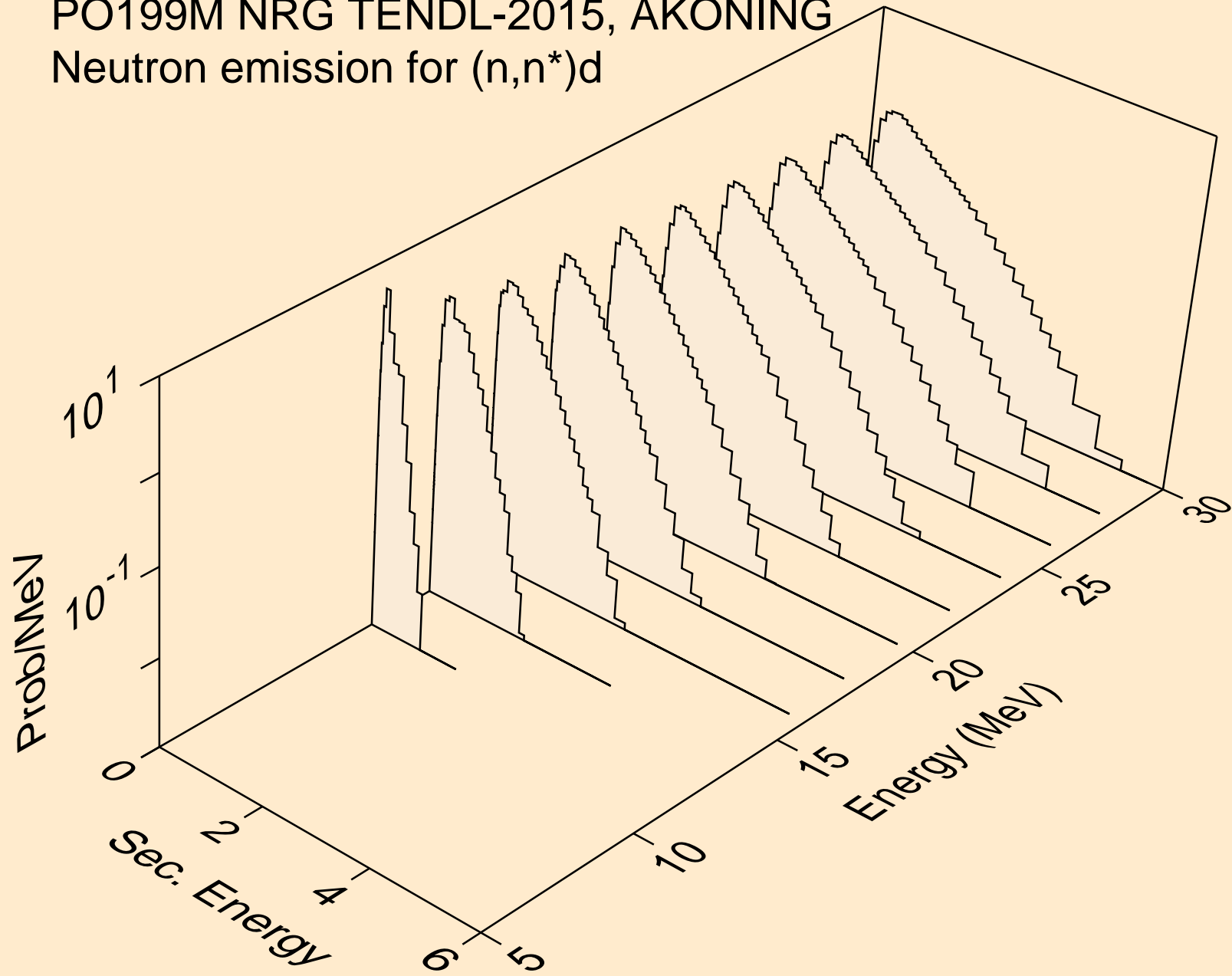
PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



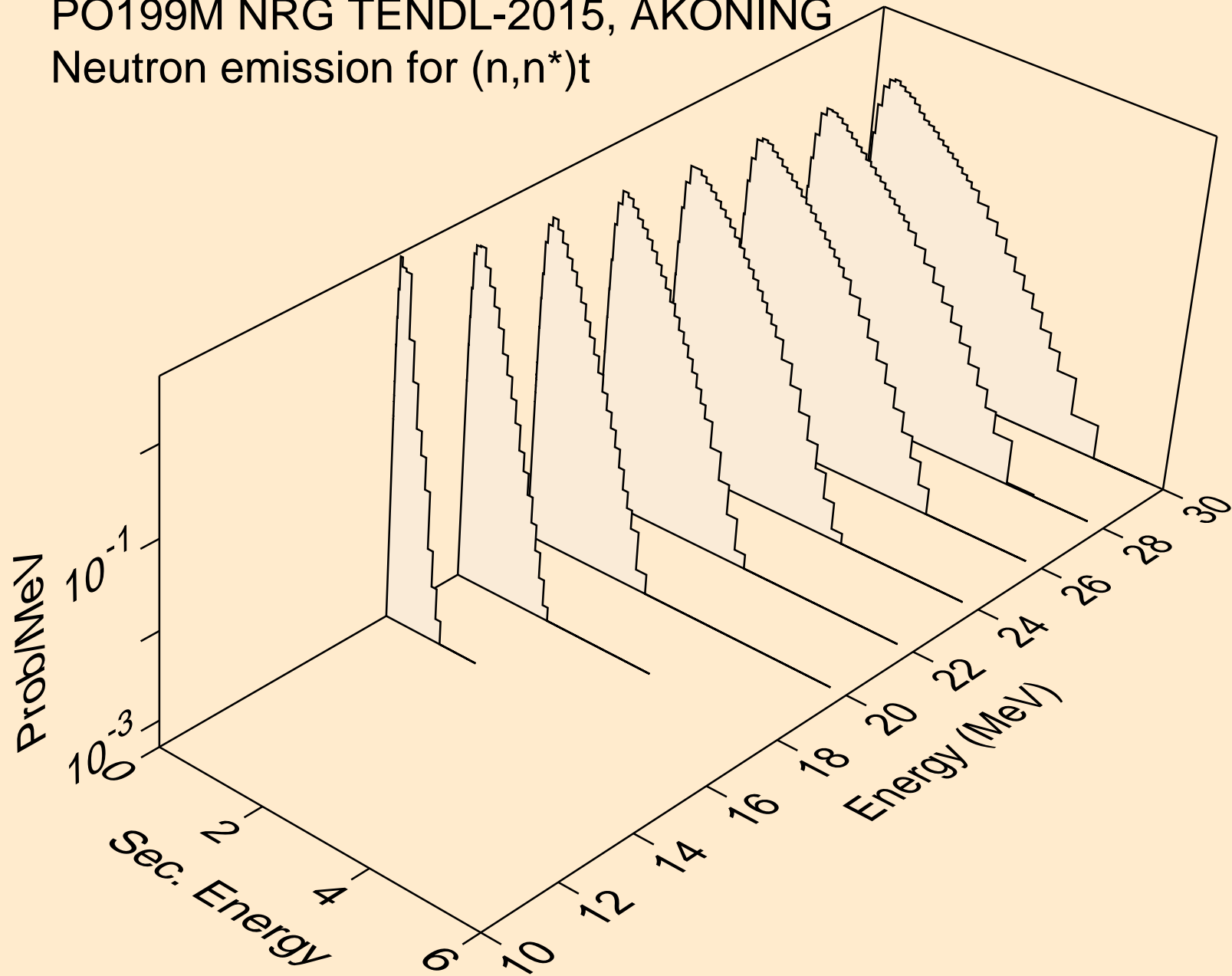
PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>2a</sub>



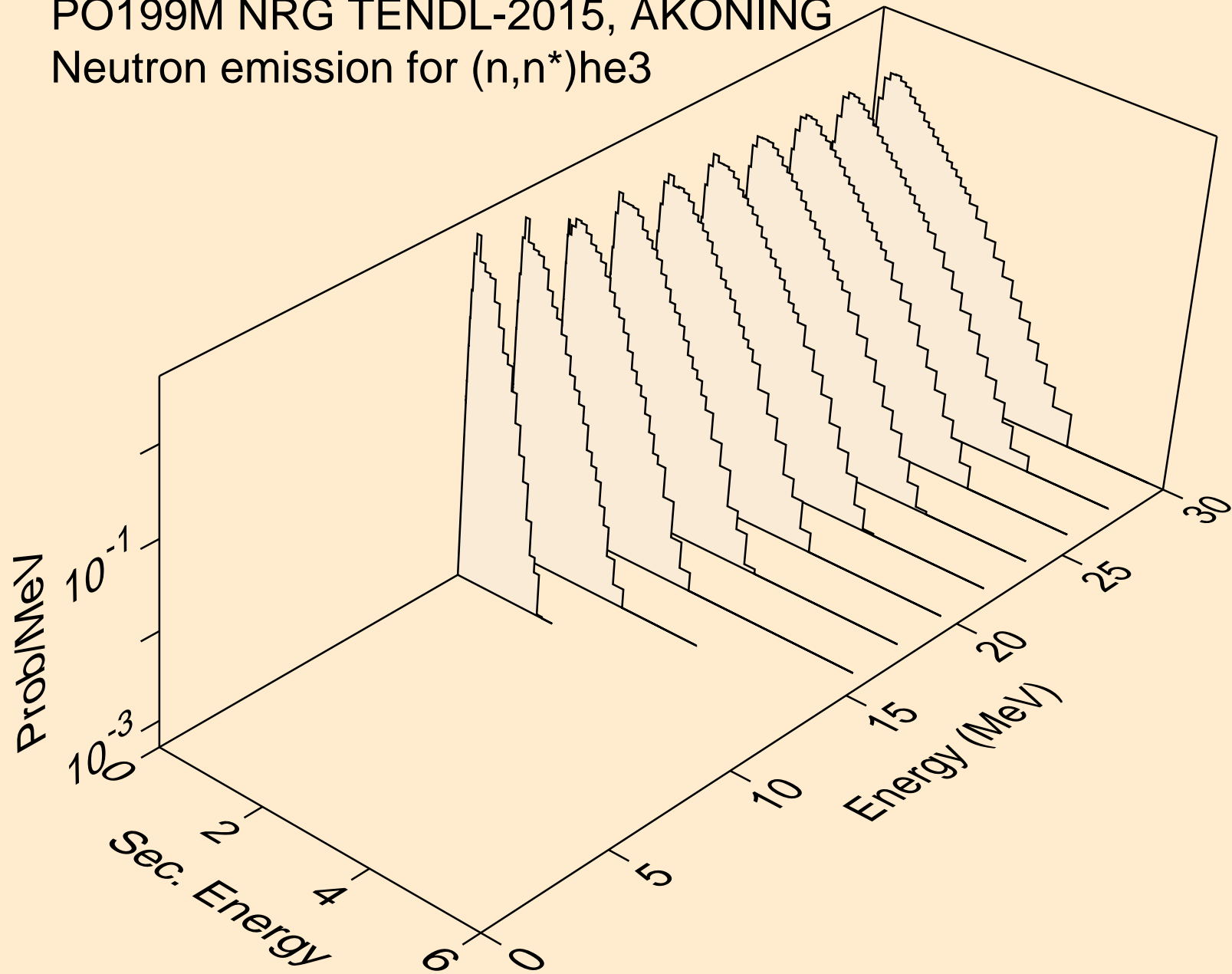
PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



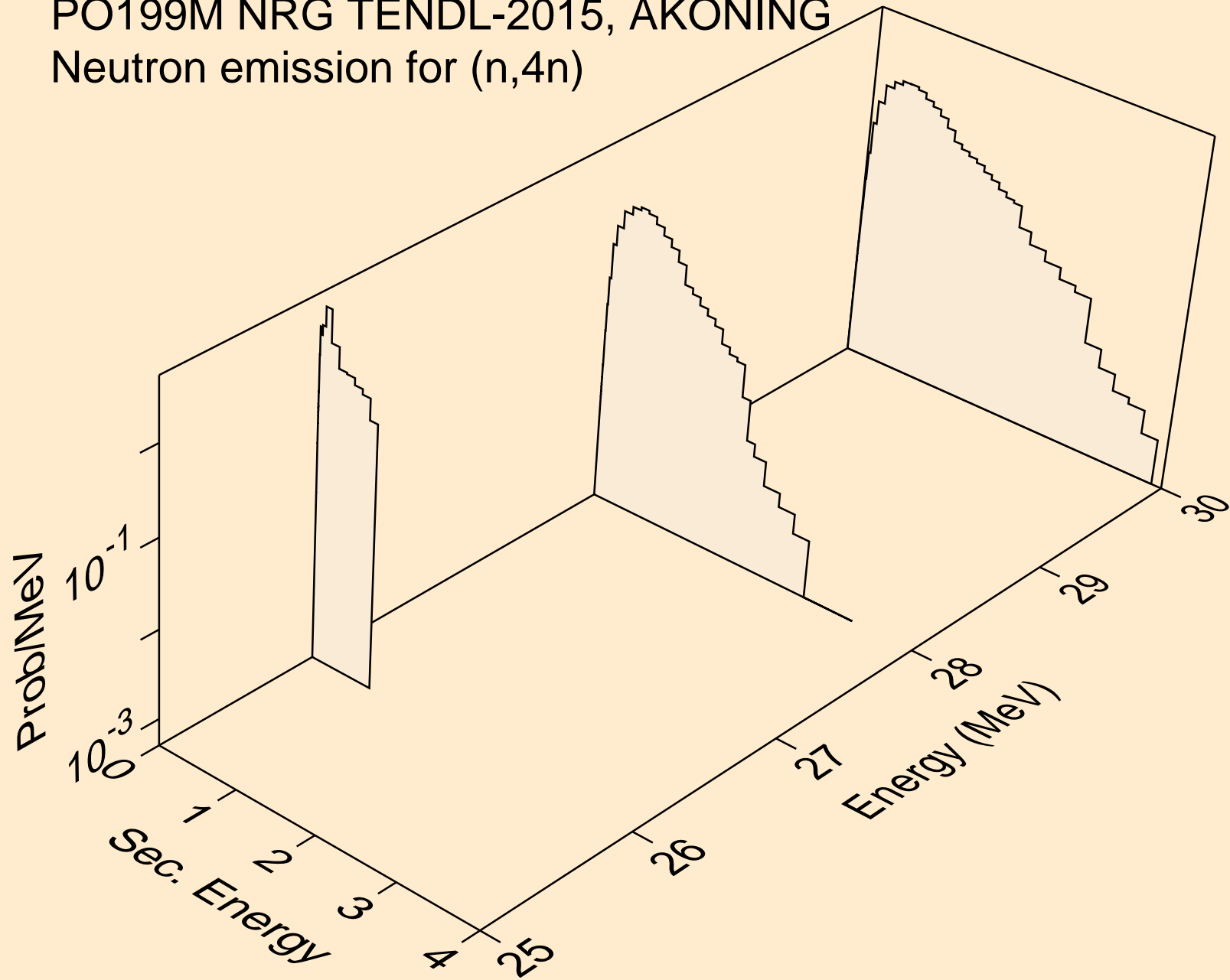
PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



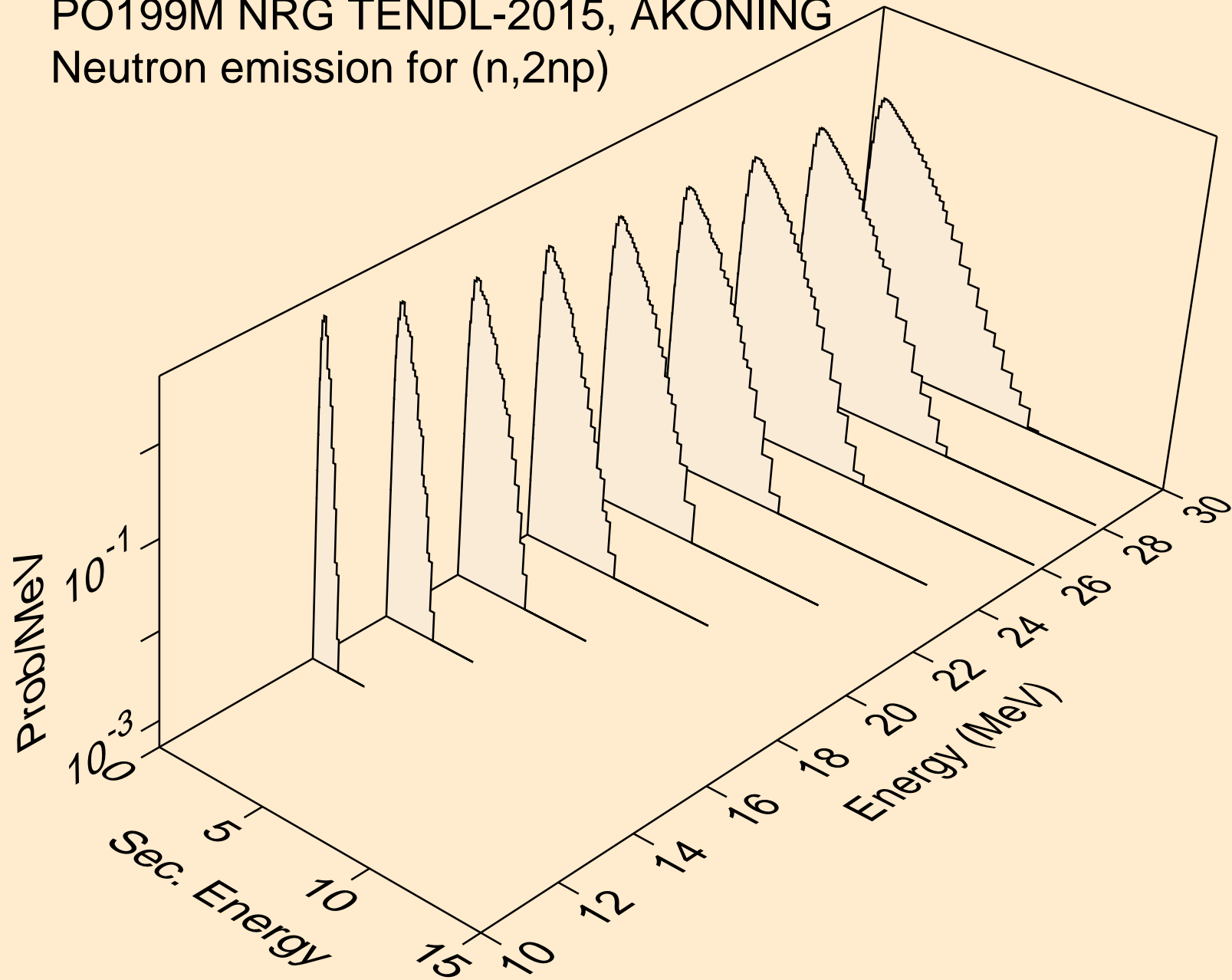
PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



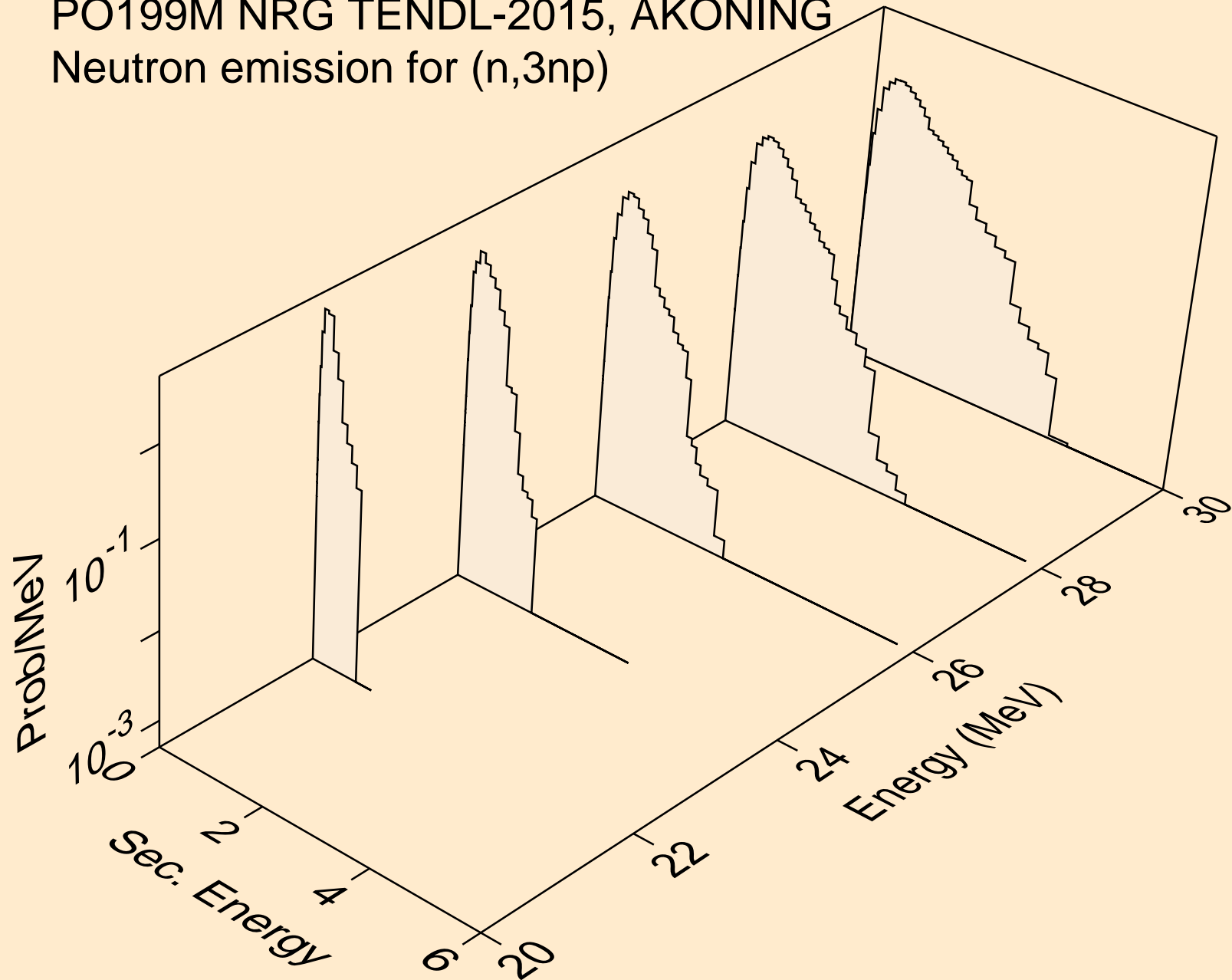
PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

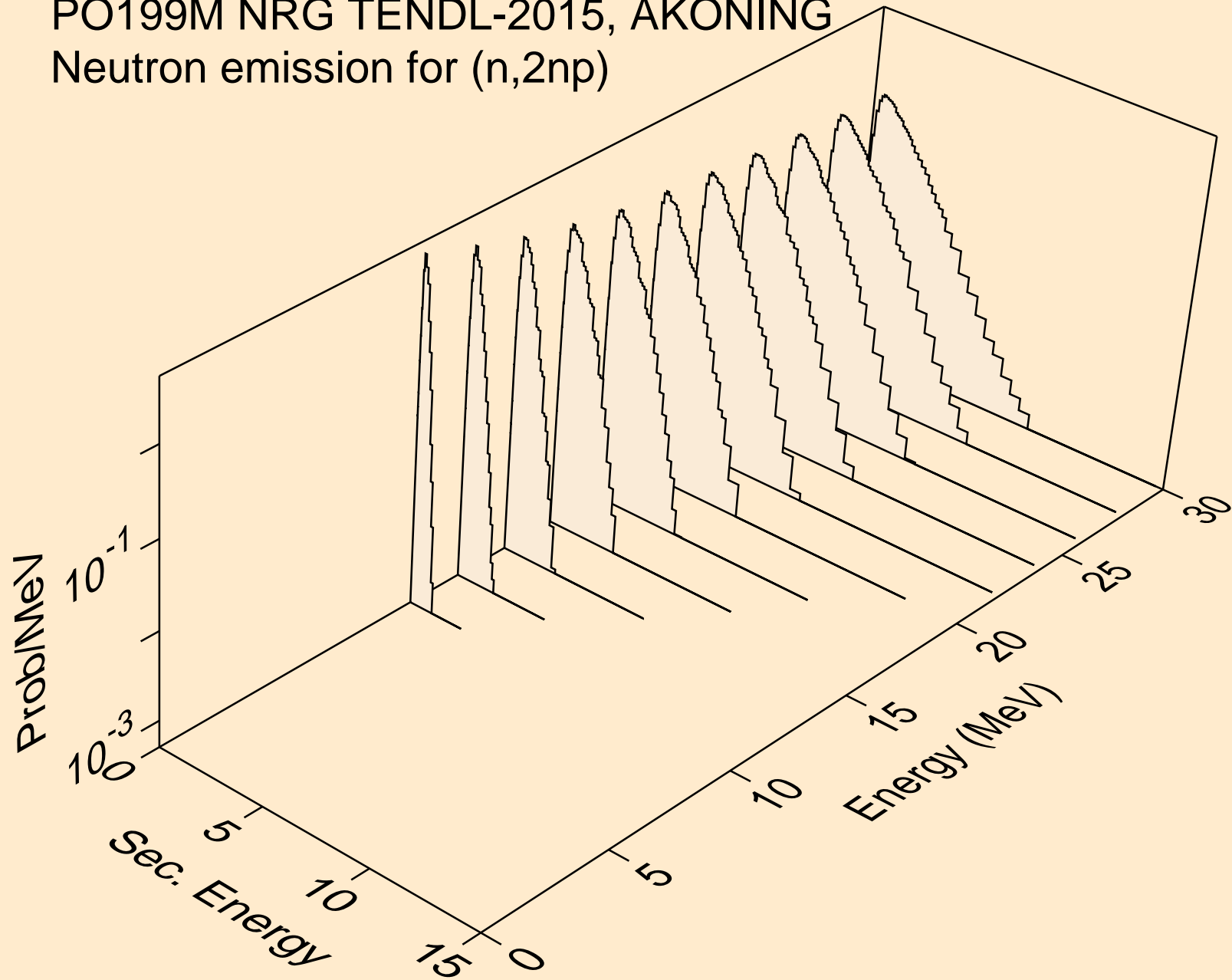


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Neutron emission for (n,3np)

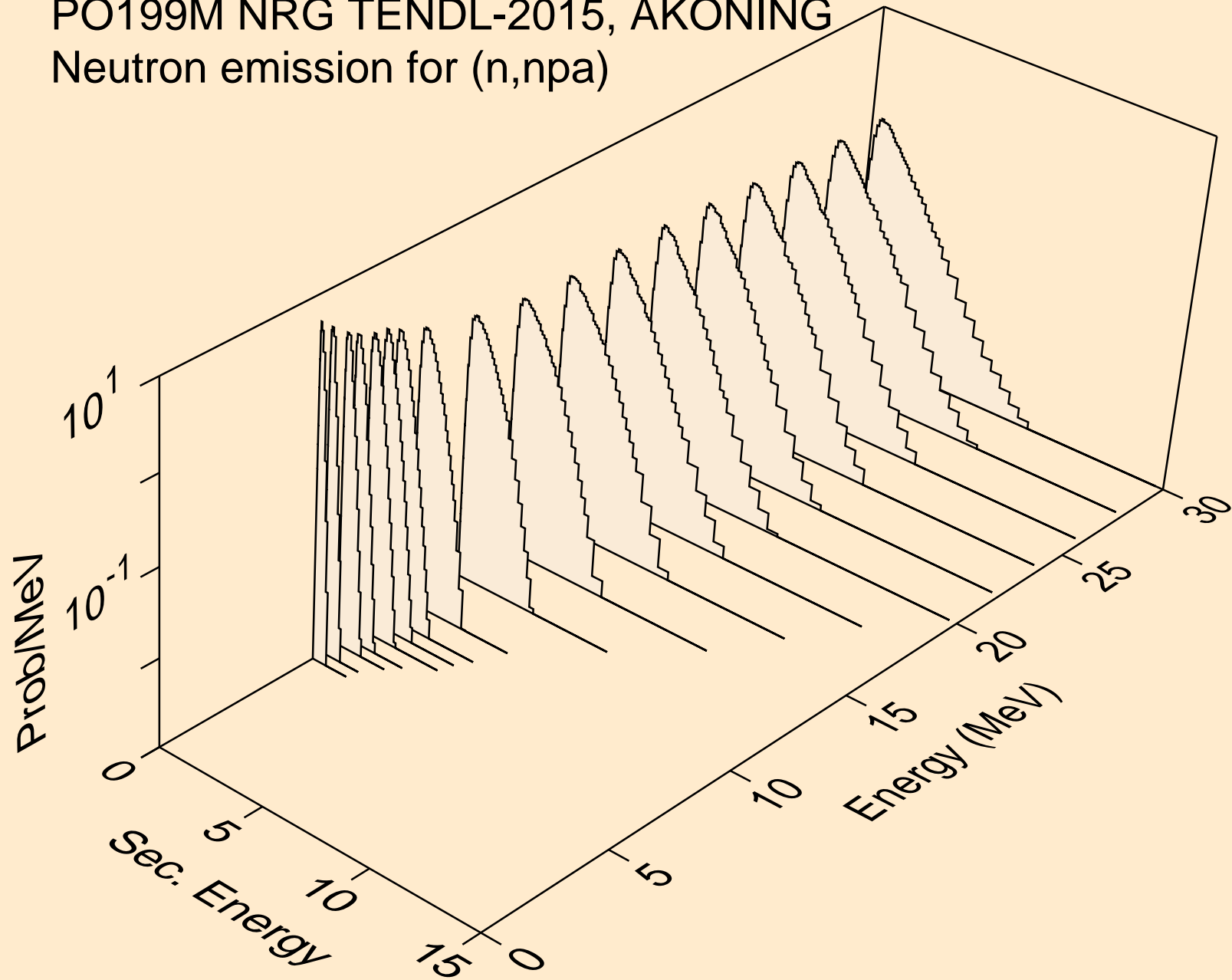




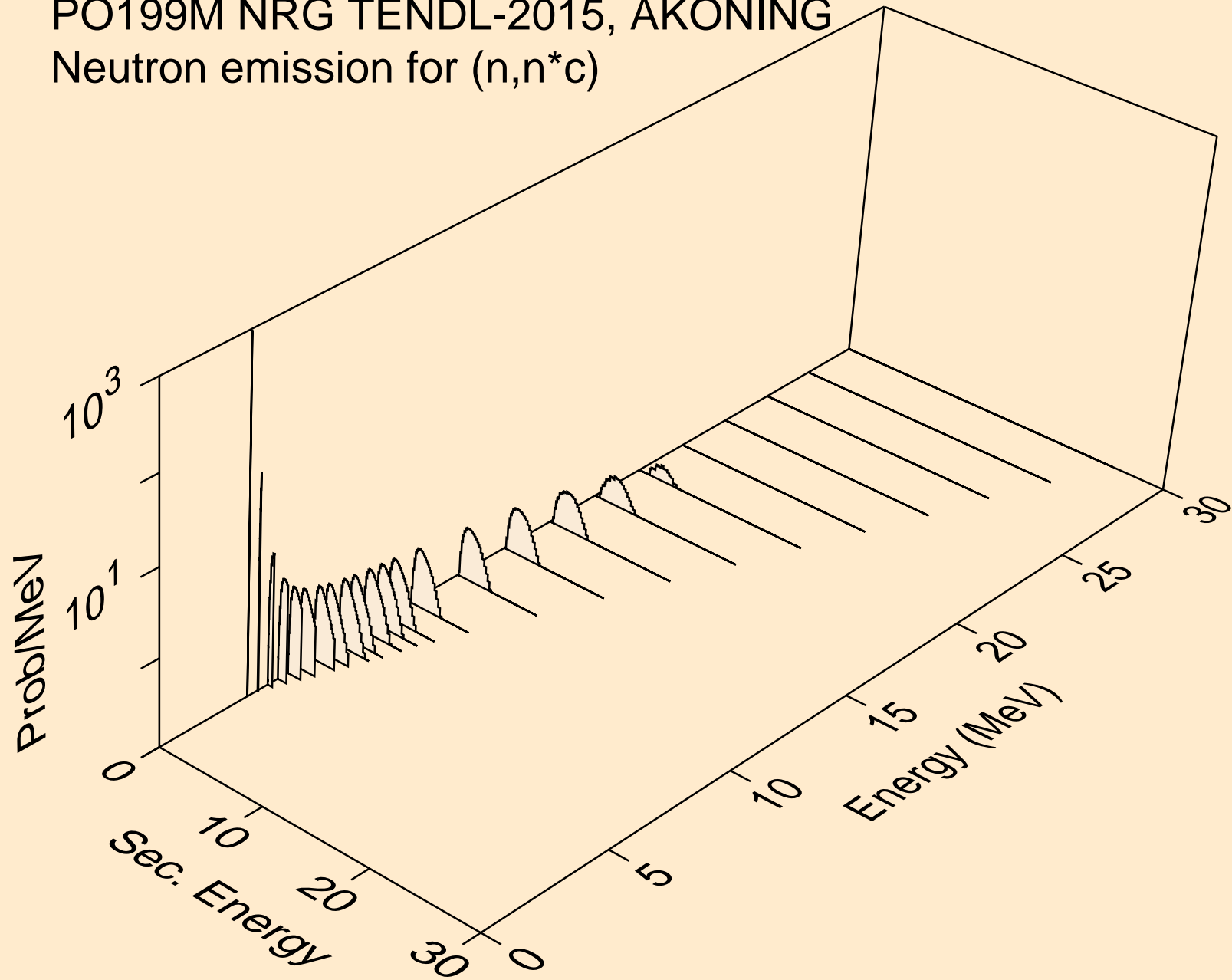
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Neutron emission for (n,2np)



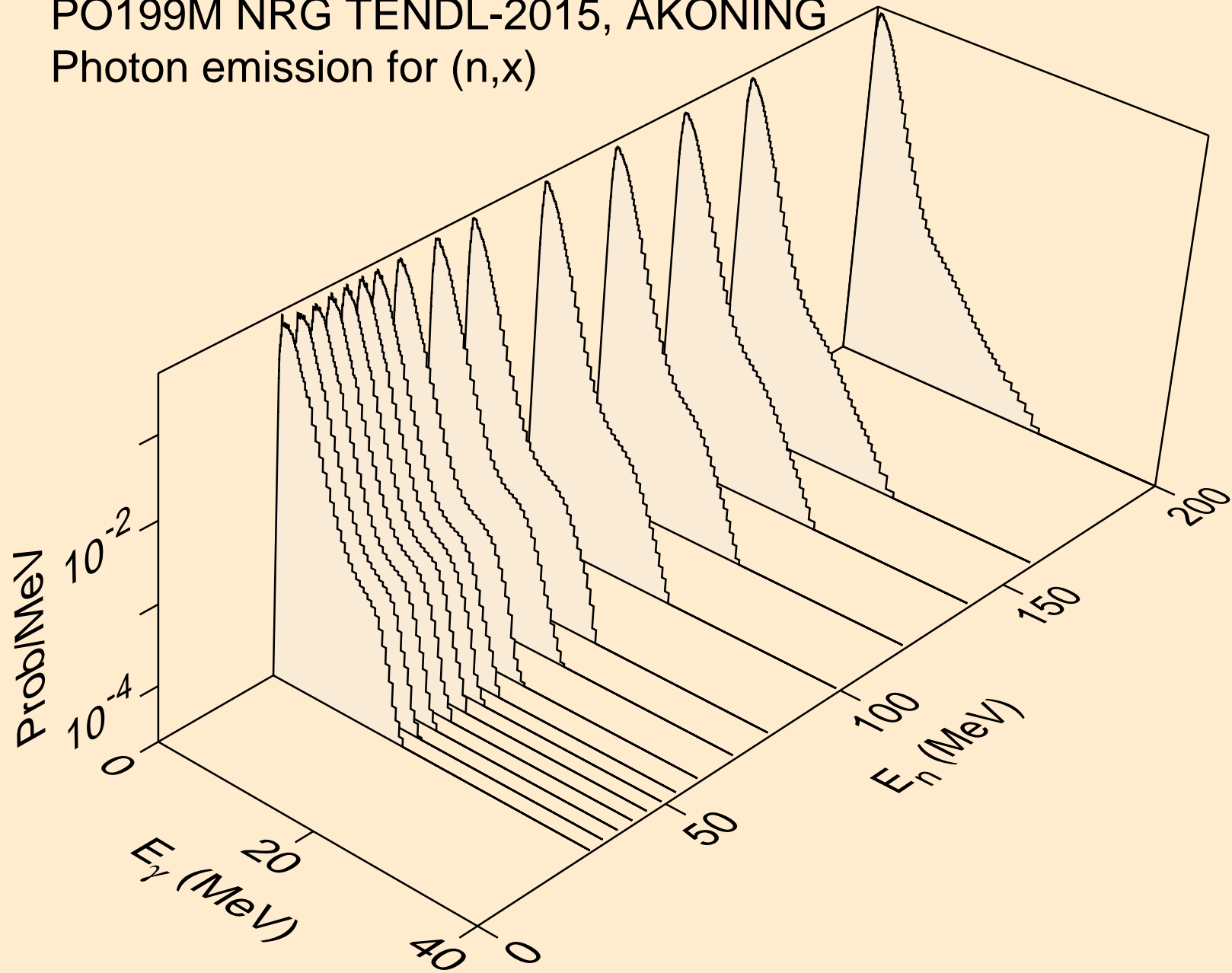
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Neutron emission for (n,npa)



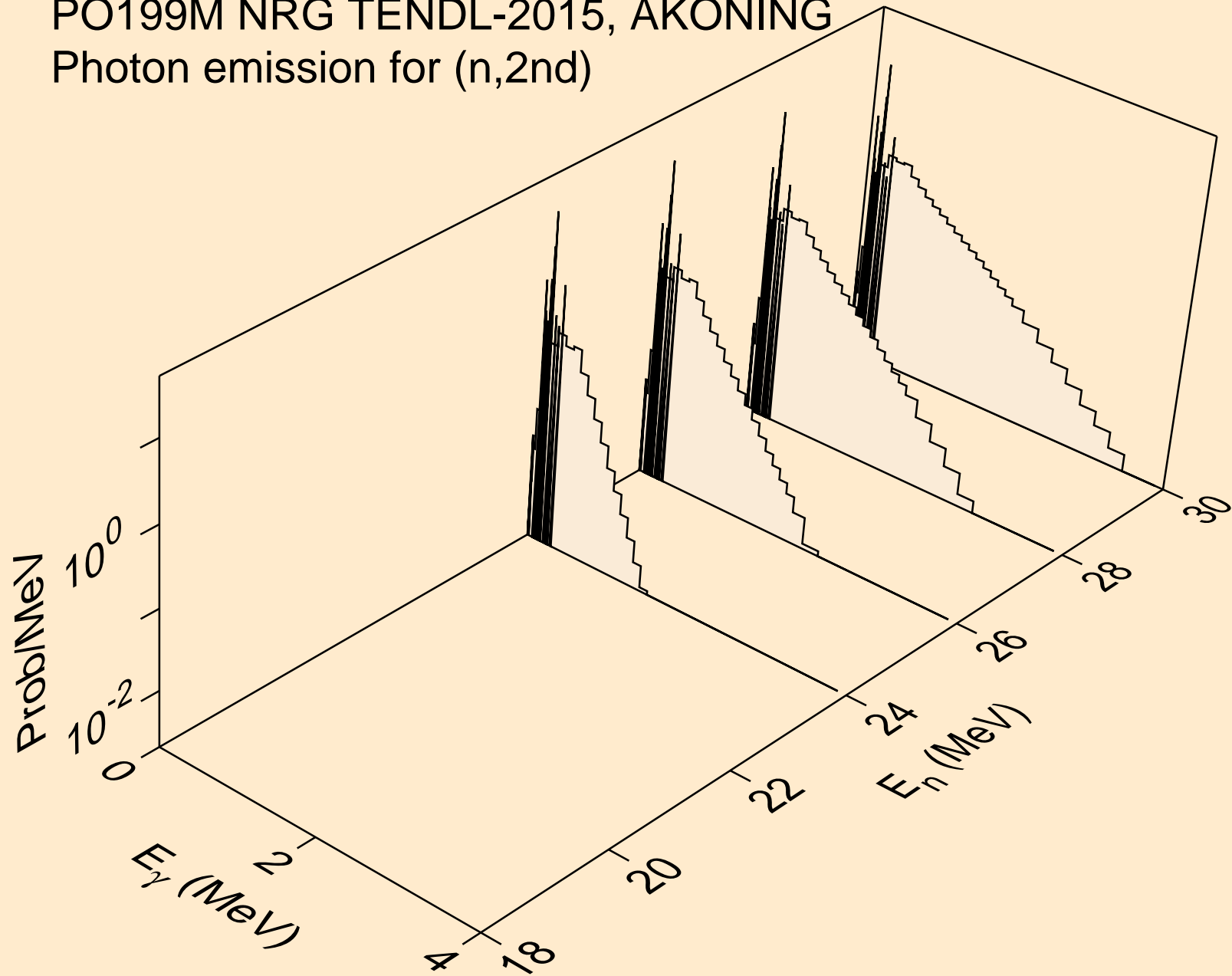
PO199M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



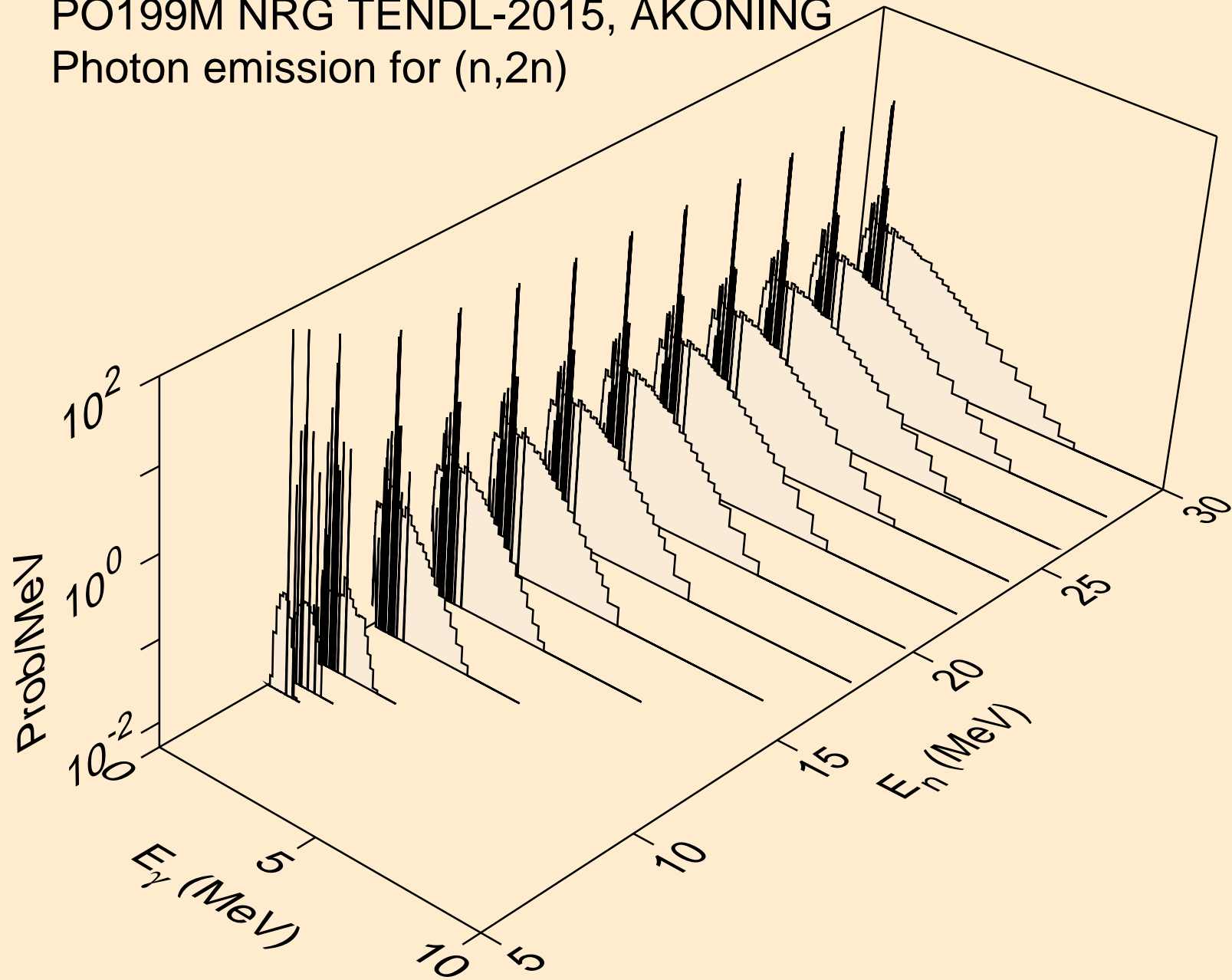
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



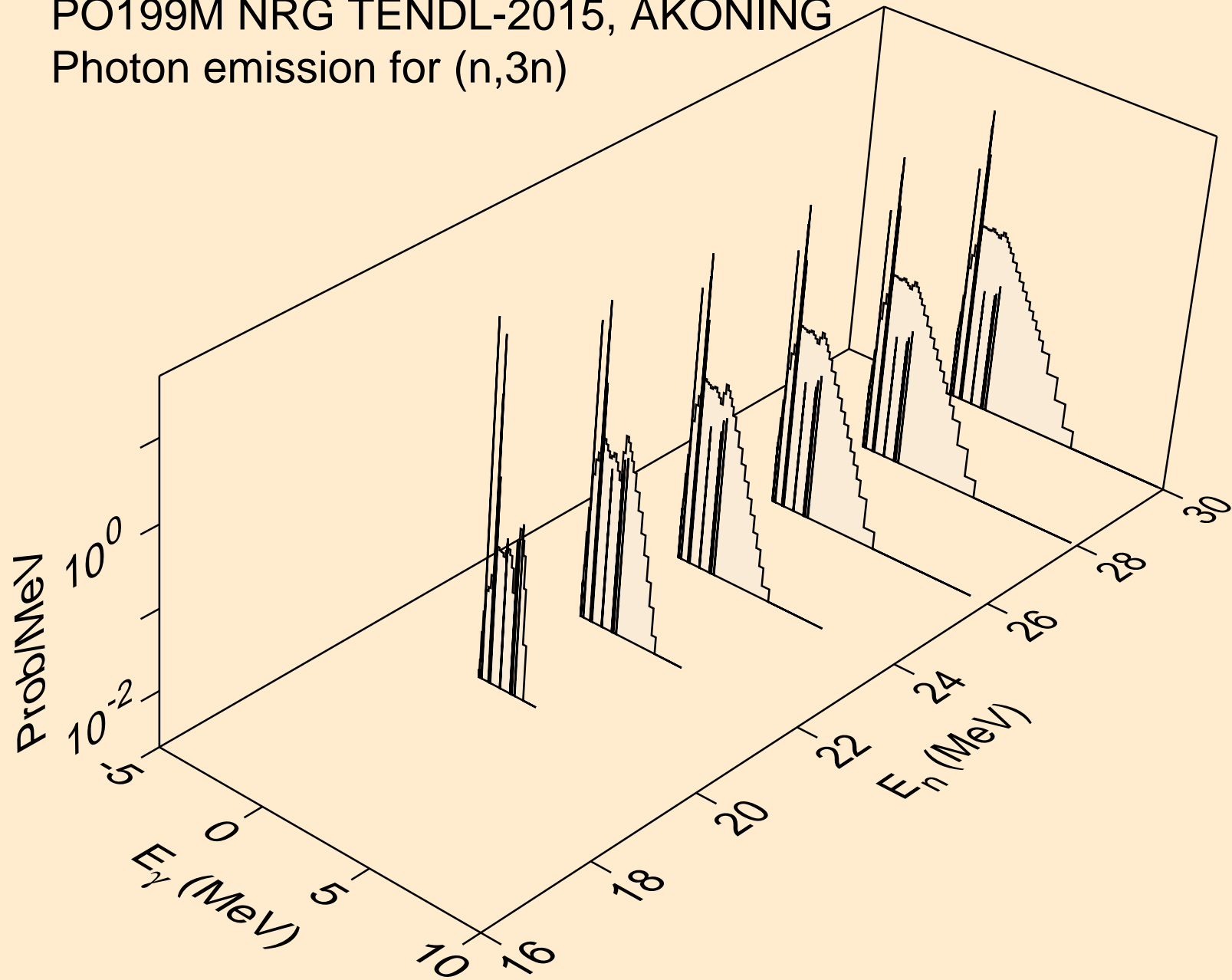
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



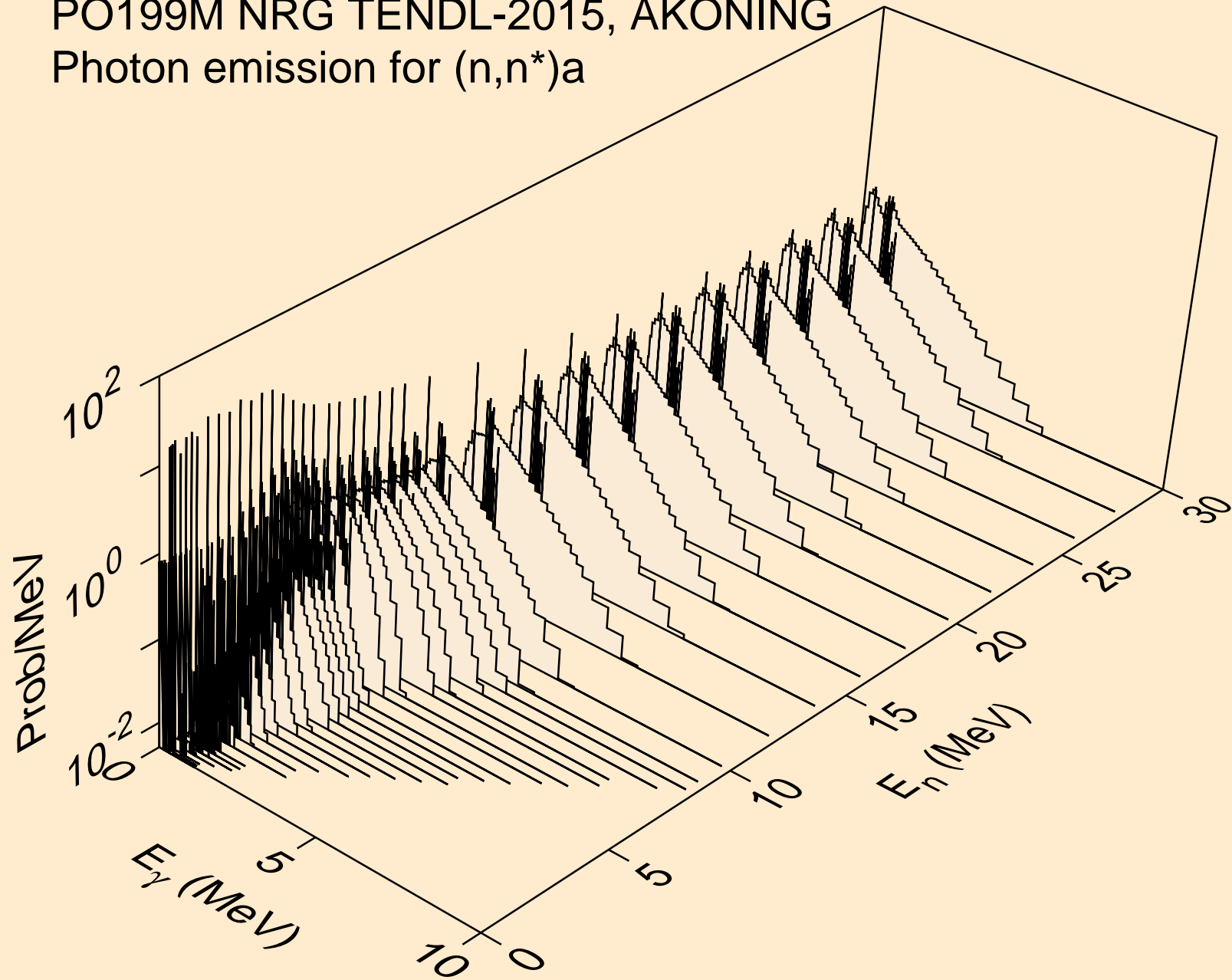
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Photon emission for (n,2n)



PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

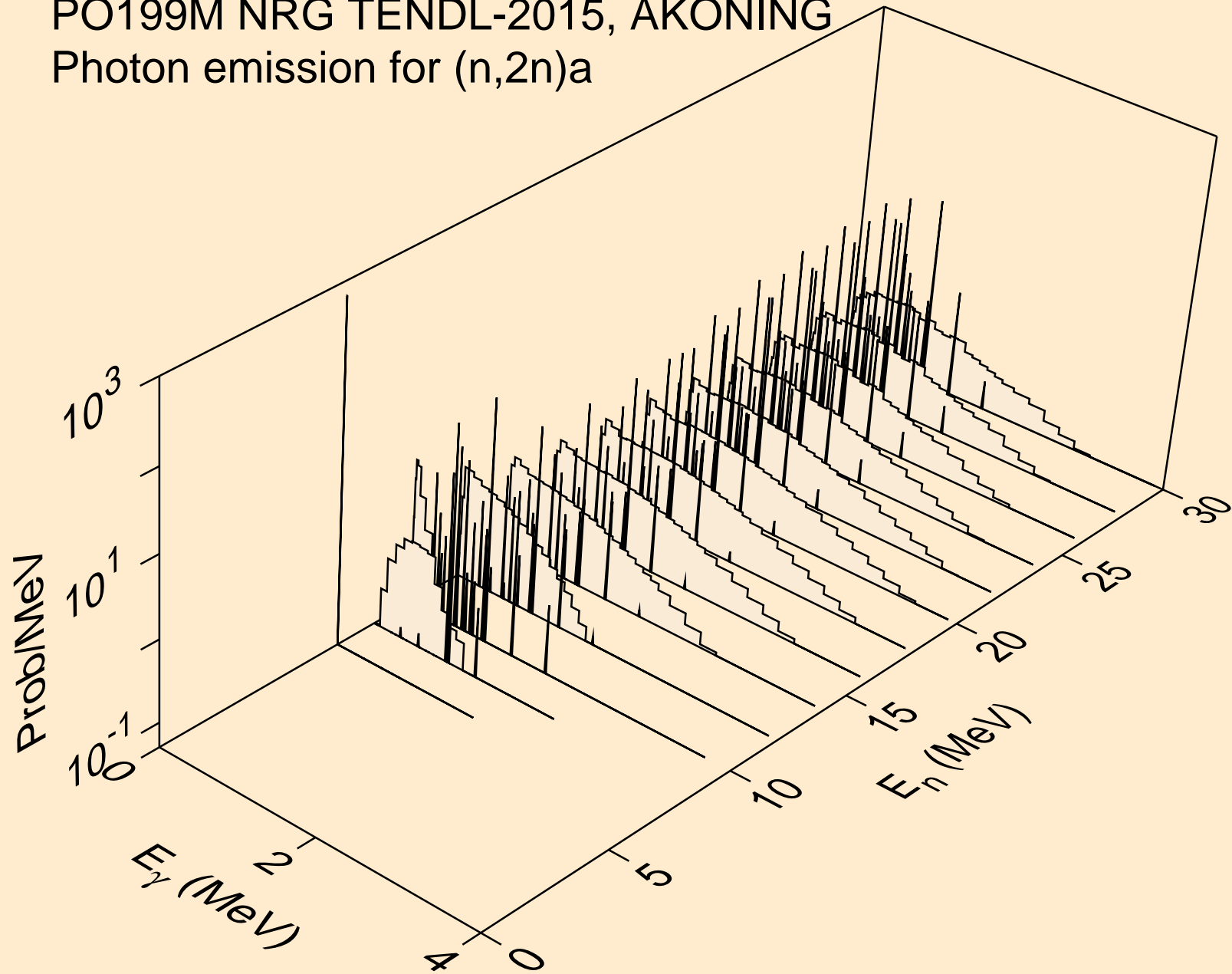


PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

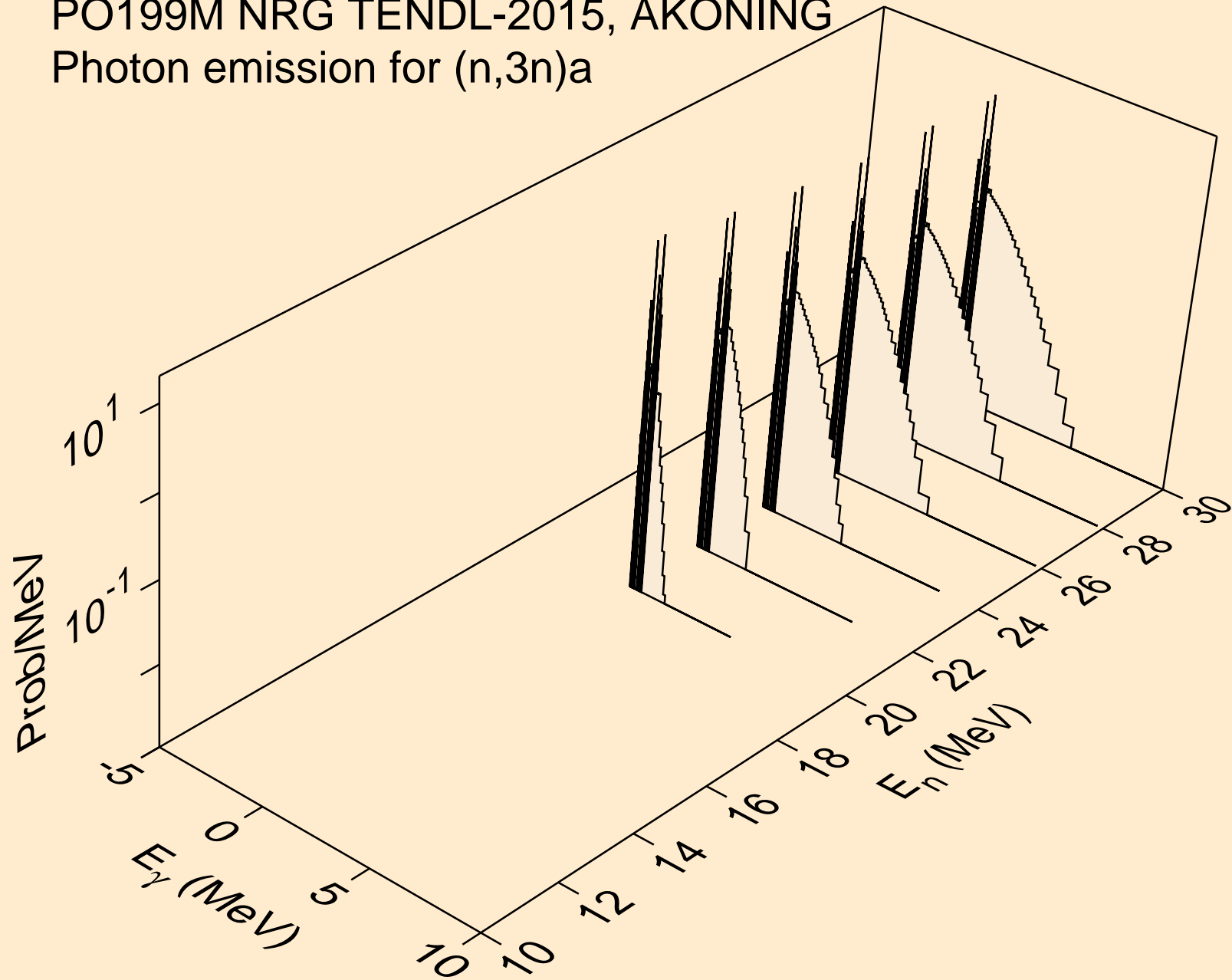




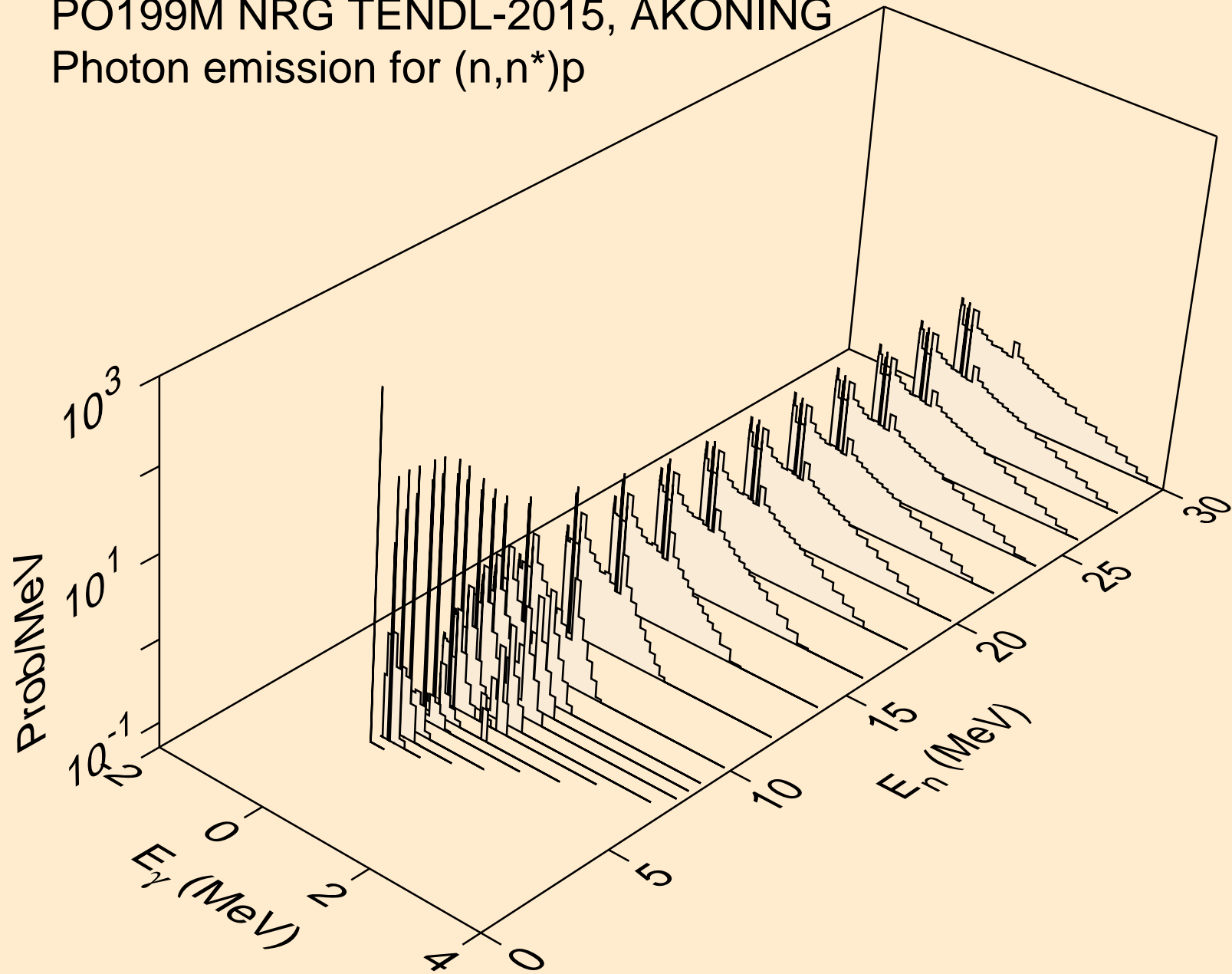
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



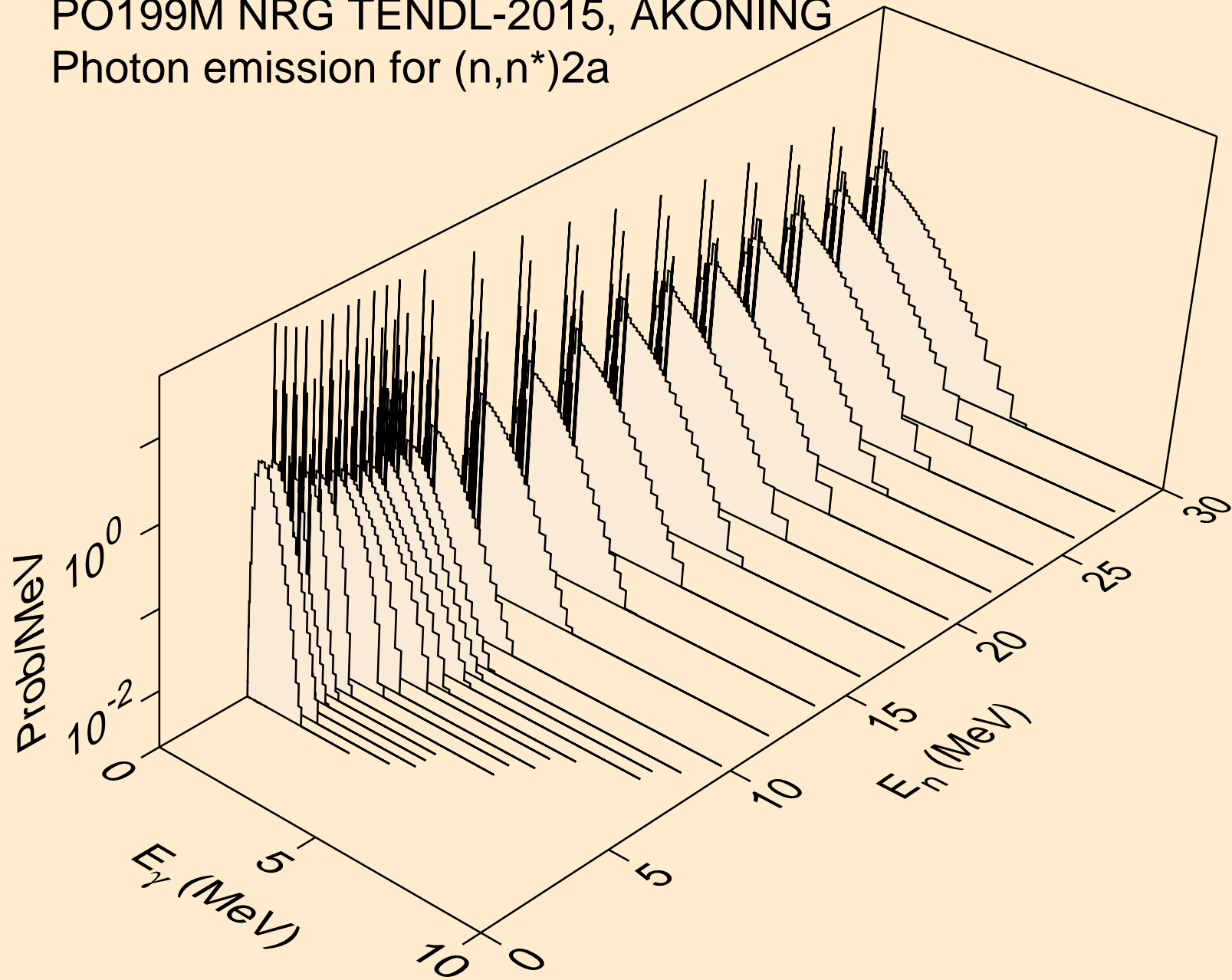
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Photon emission for (n,3n)a



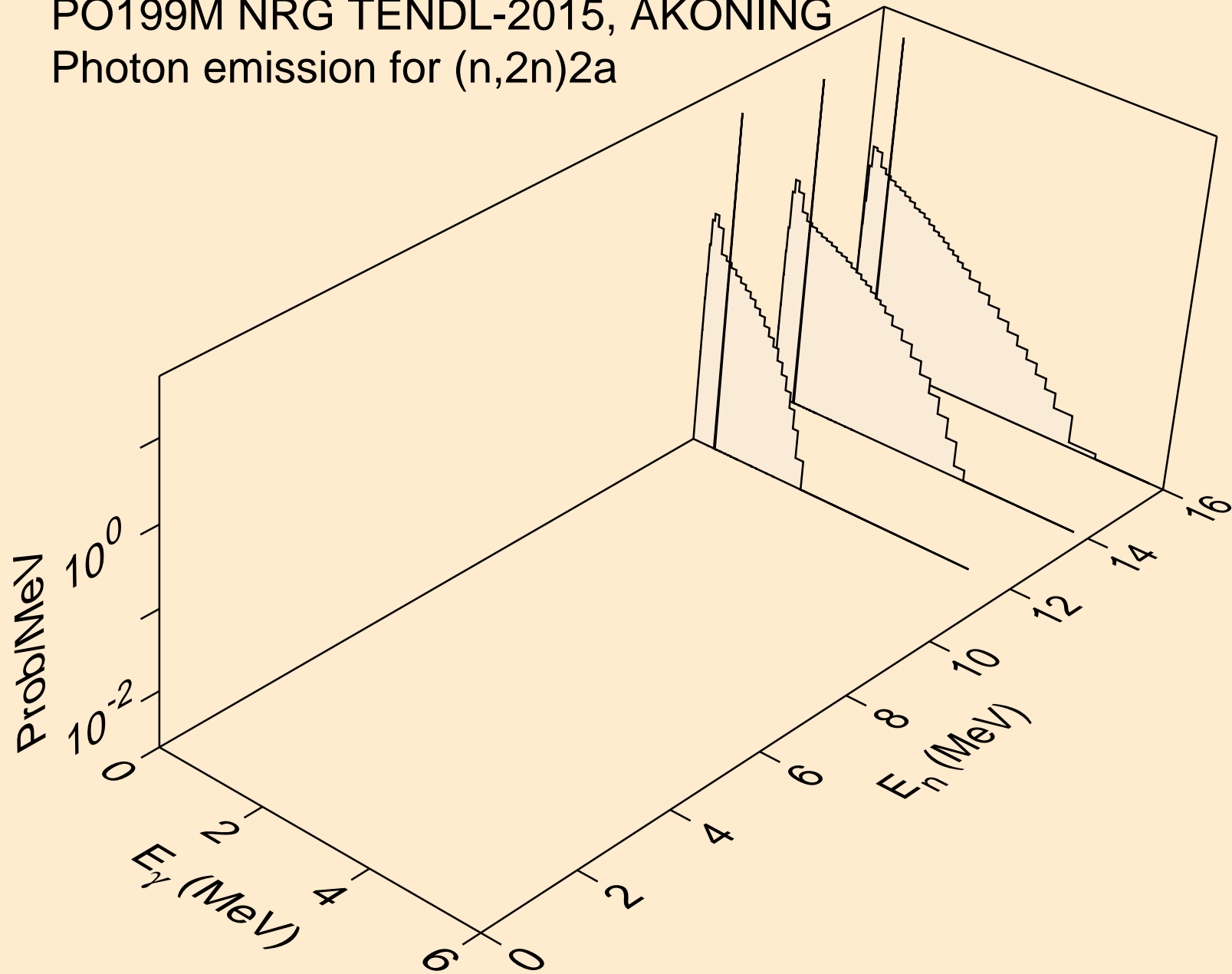
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



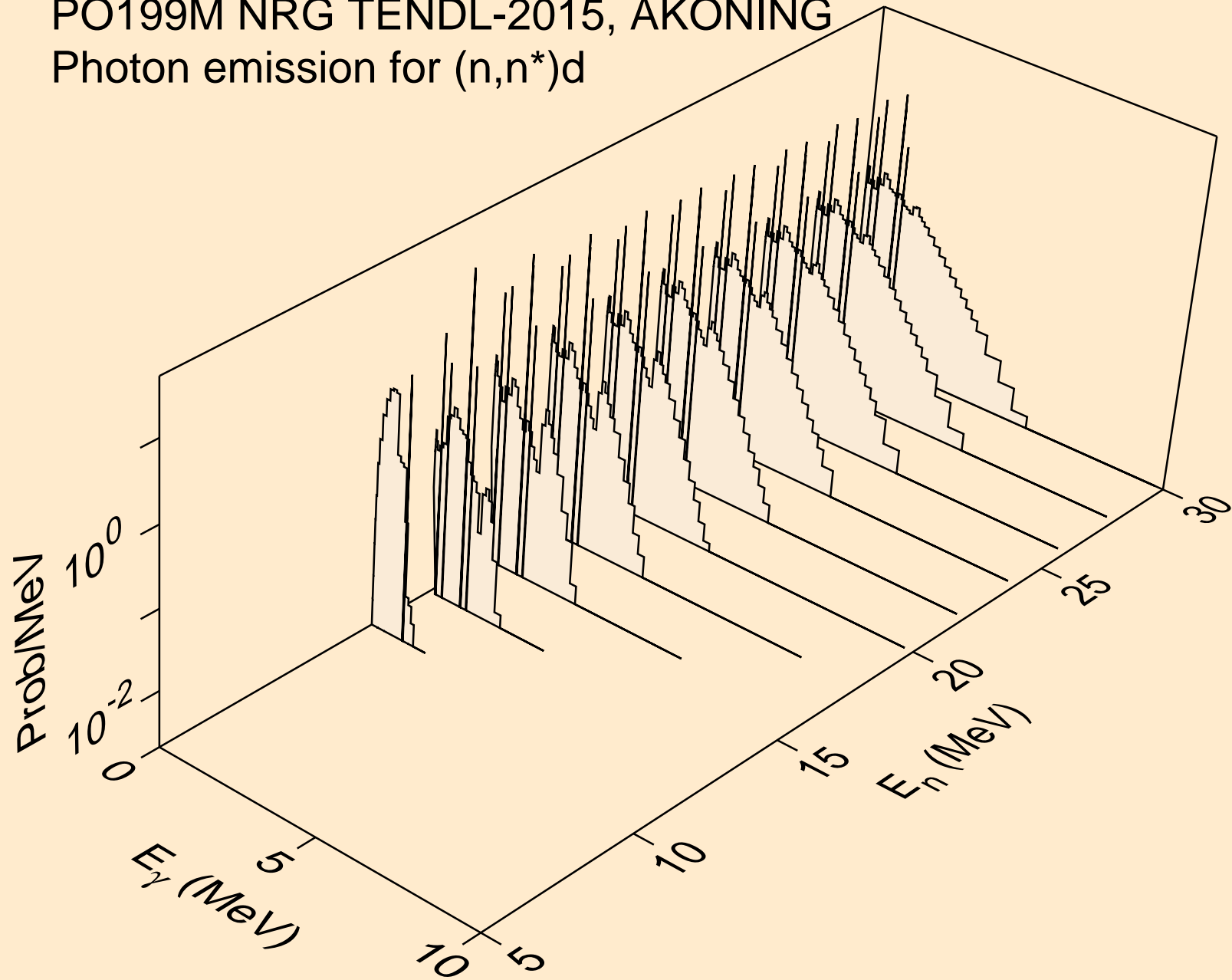
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Photon emission for (n,n\*)2a



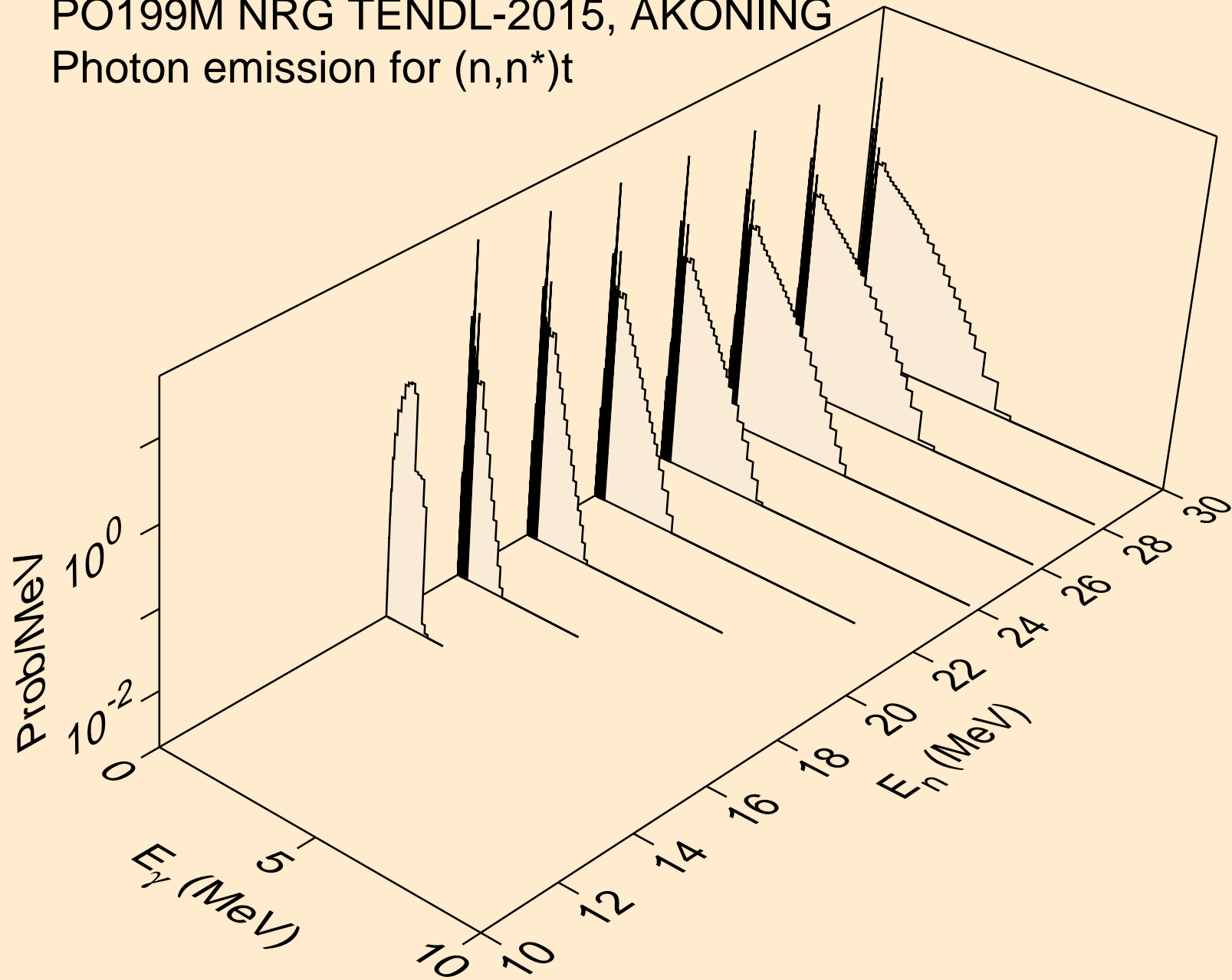
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Photon emission for (n,2n)2a



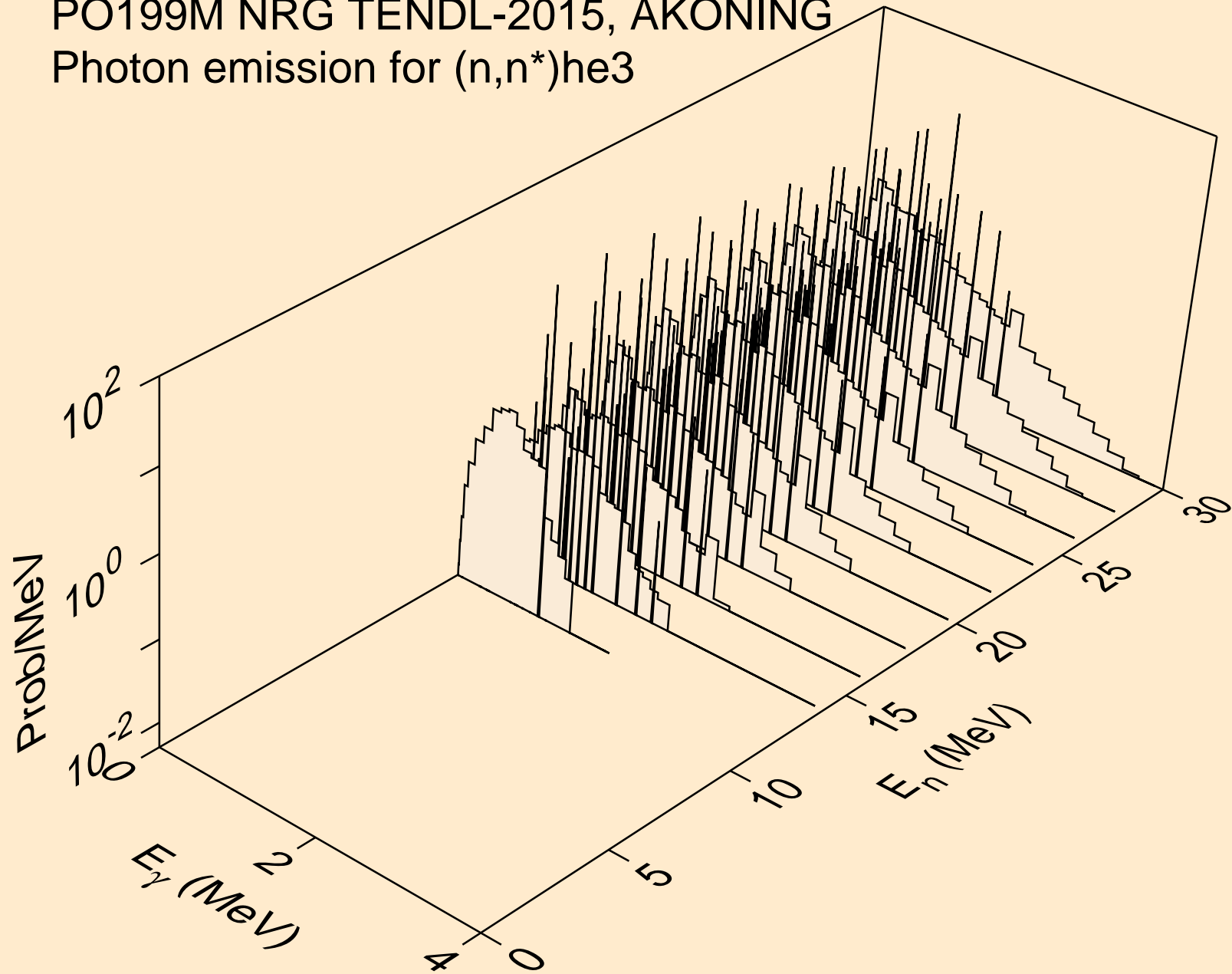
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

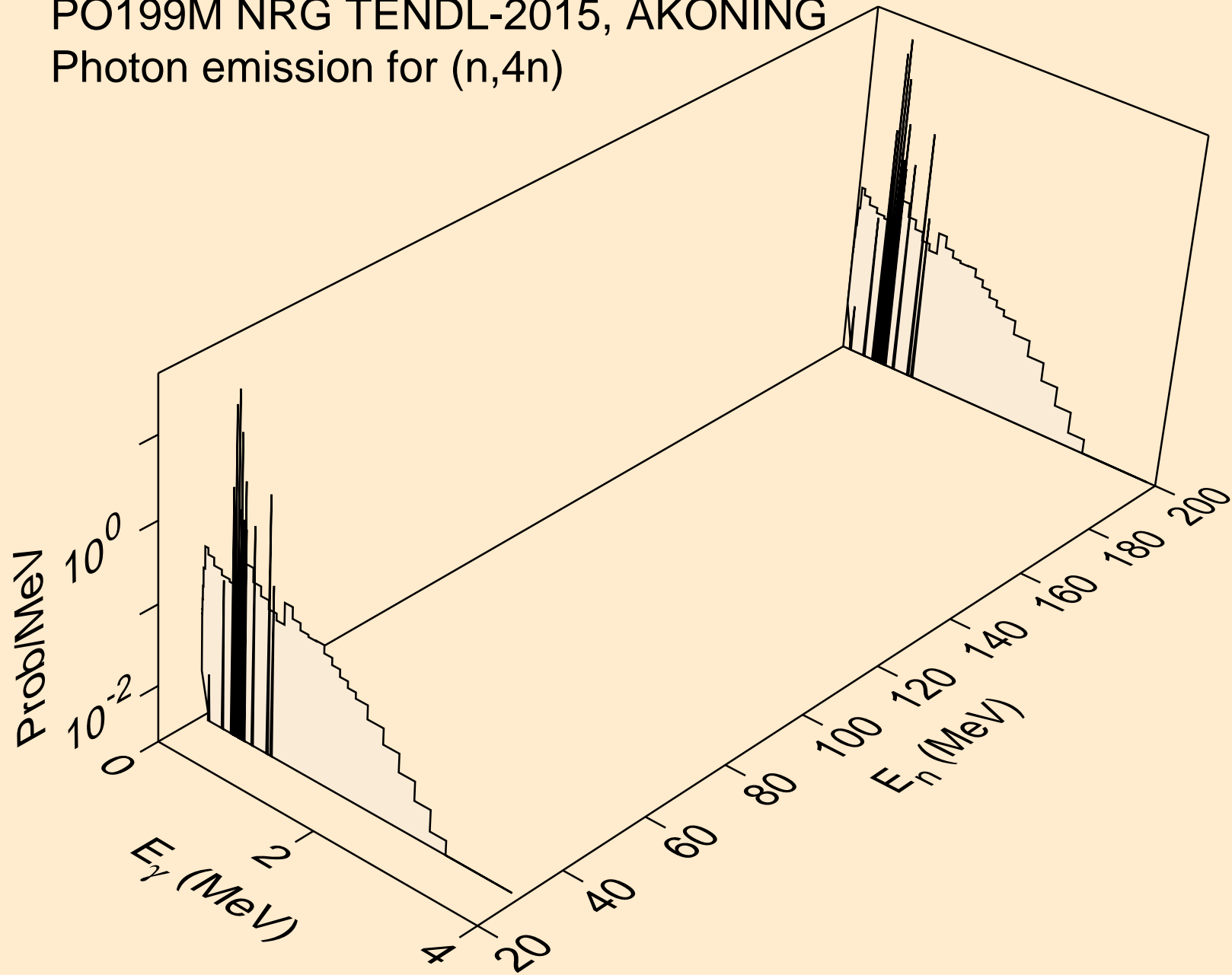


PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

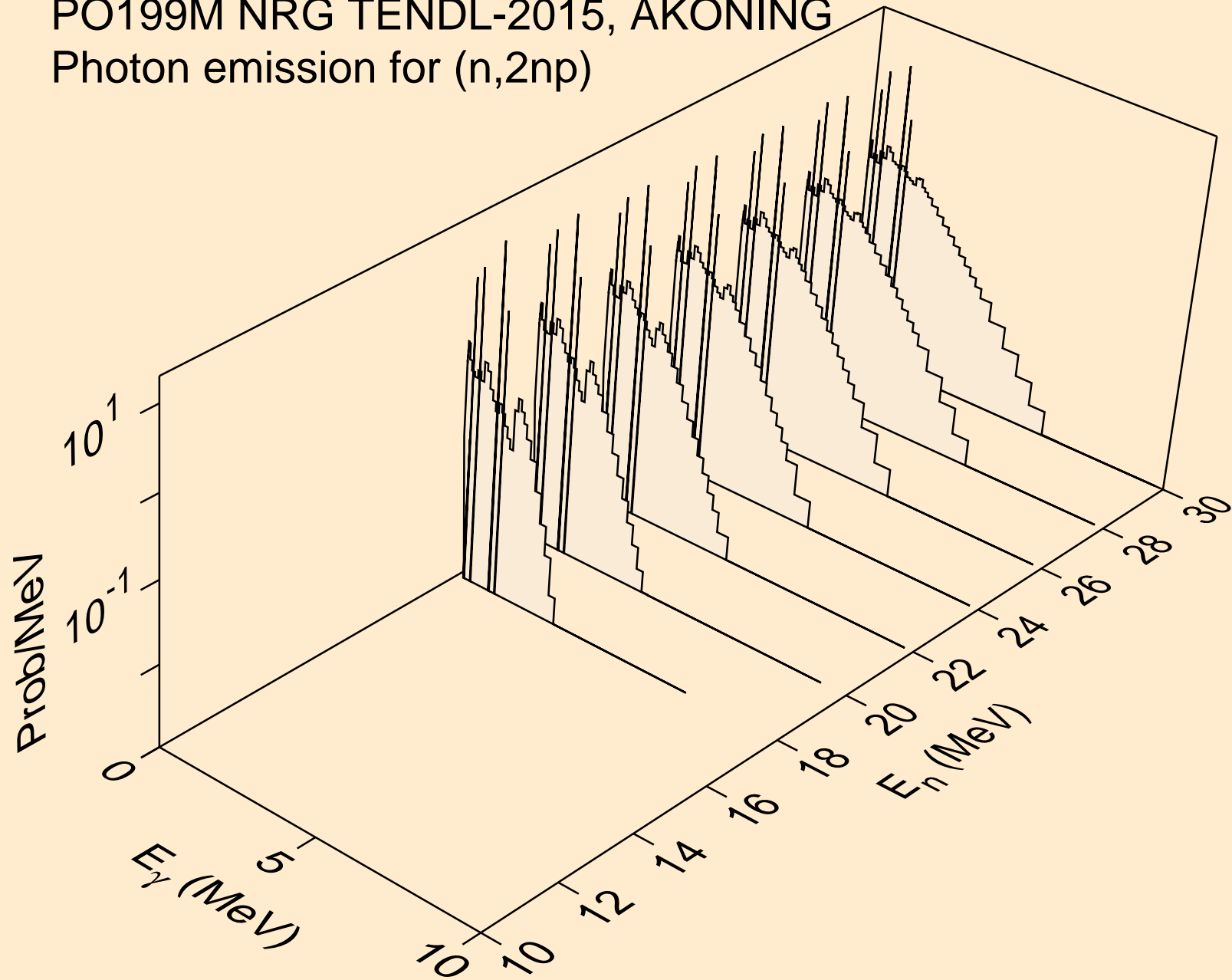




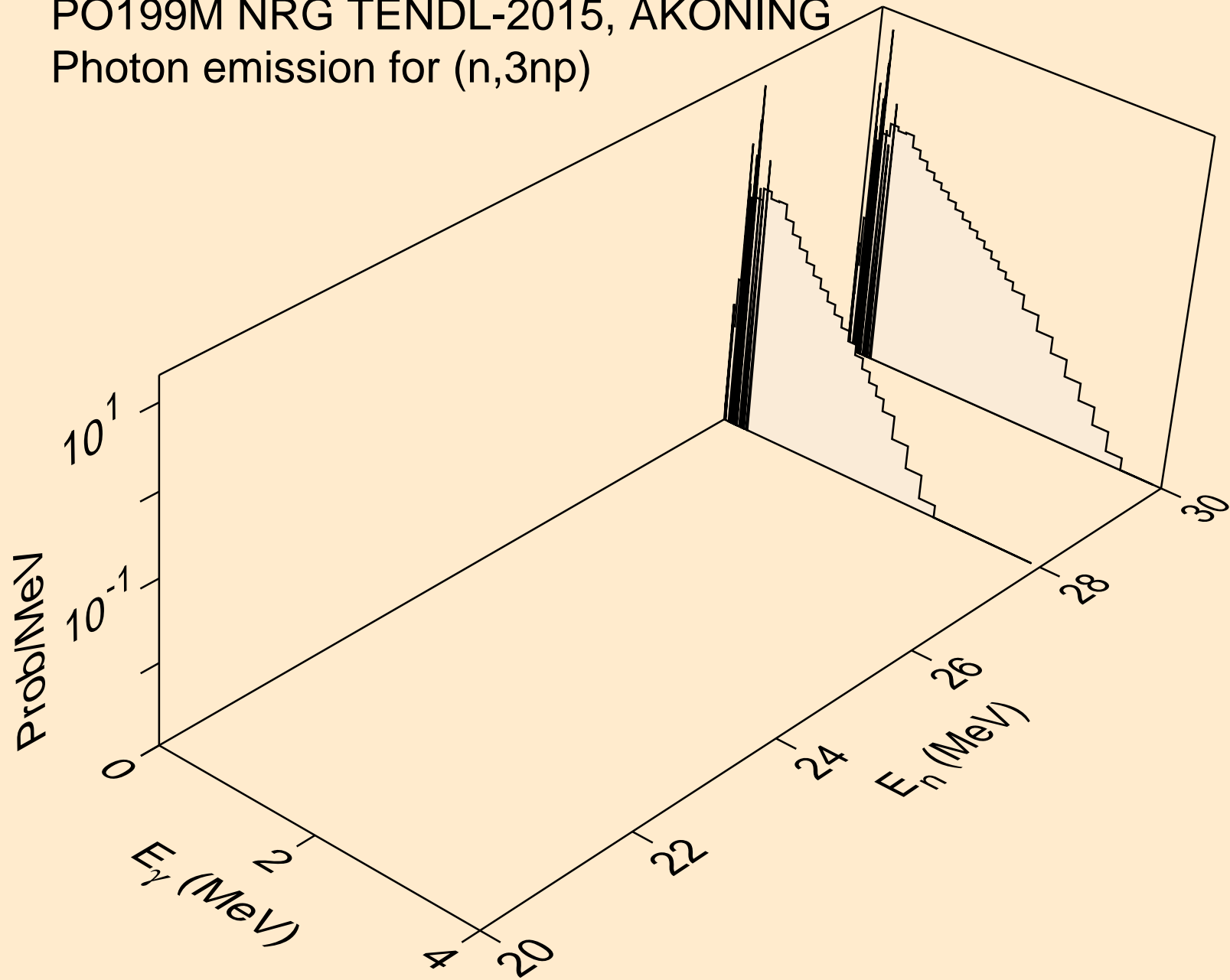
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Photon emission for (n,4n)



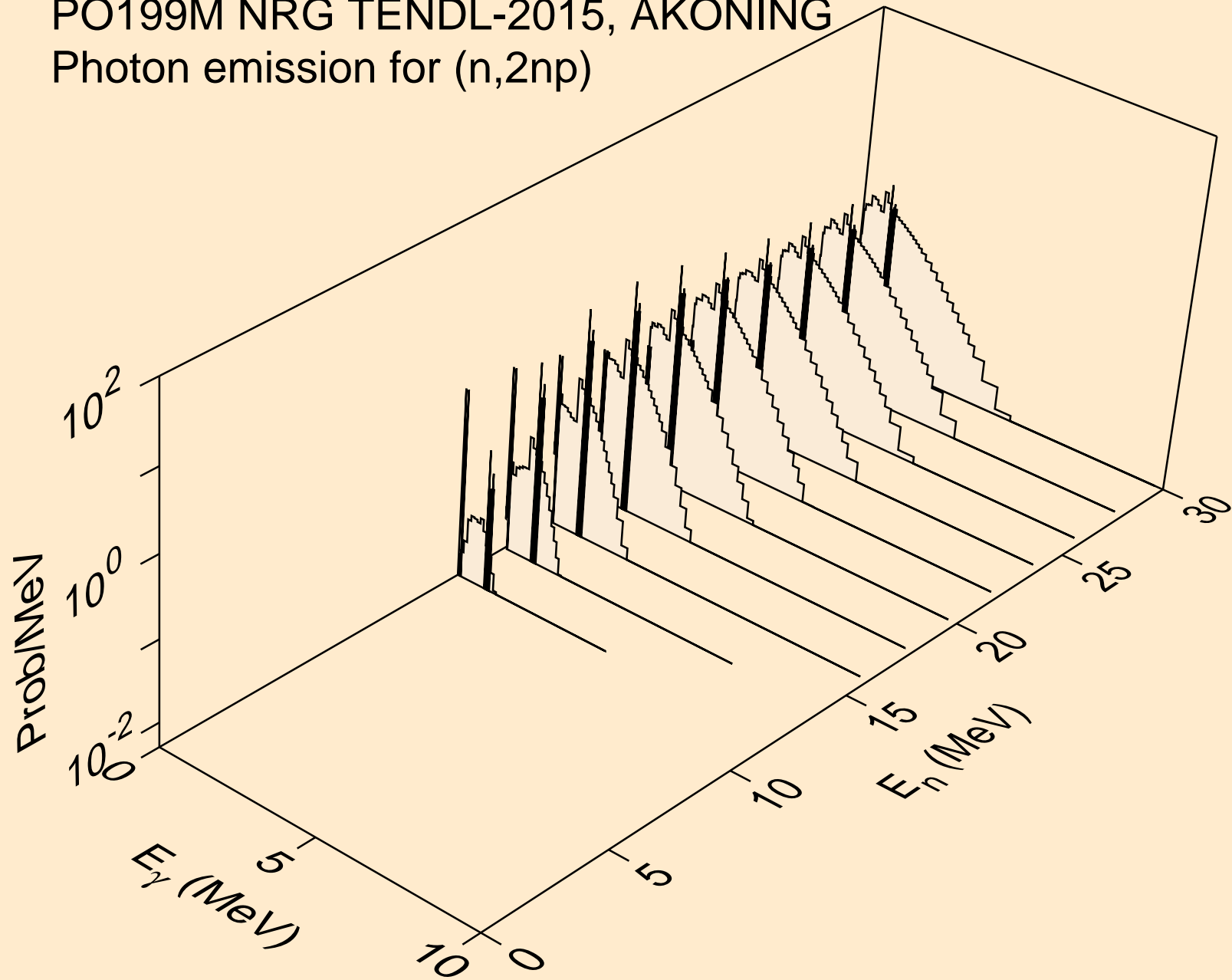
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Photon emission for (n,2np)



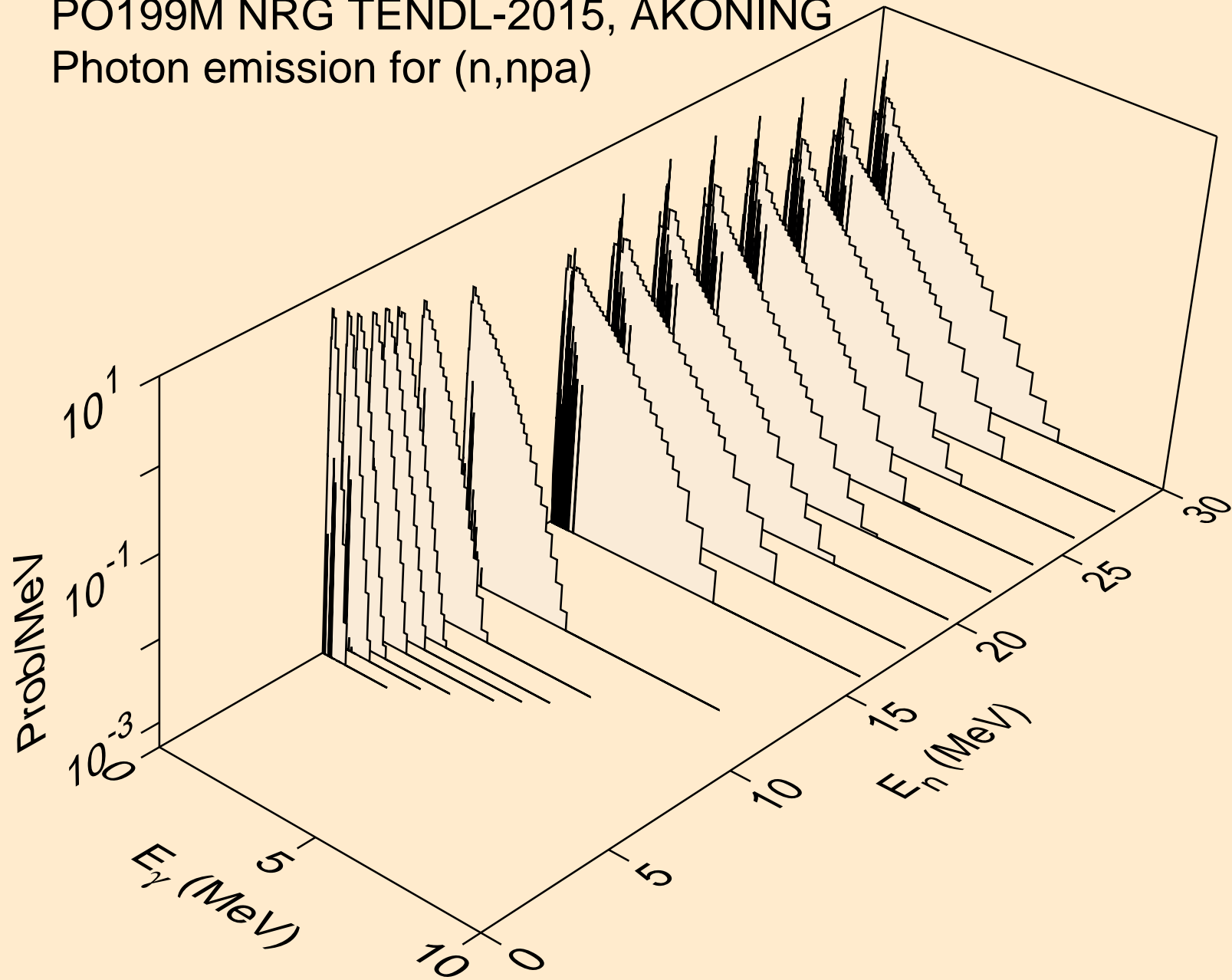
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



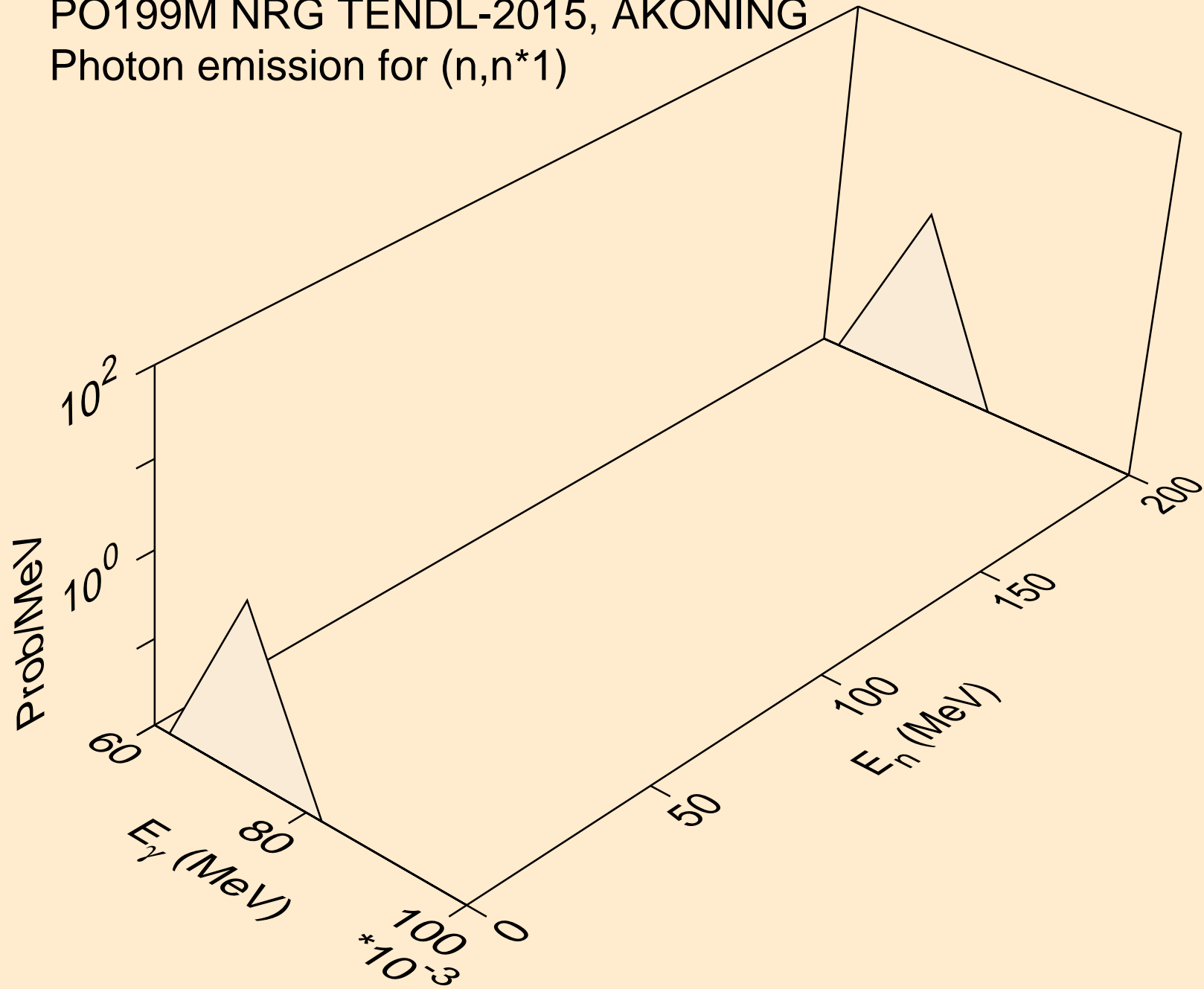
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Photon emission for (n,2np)



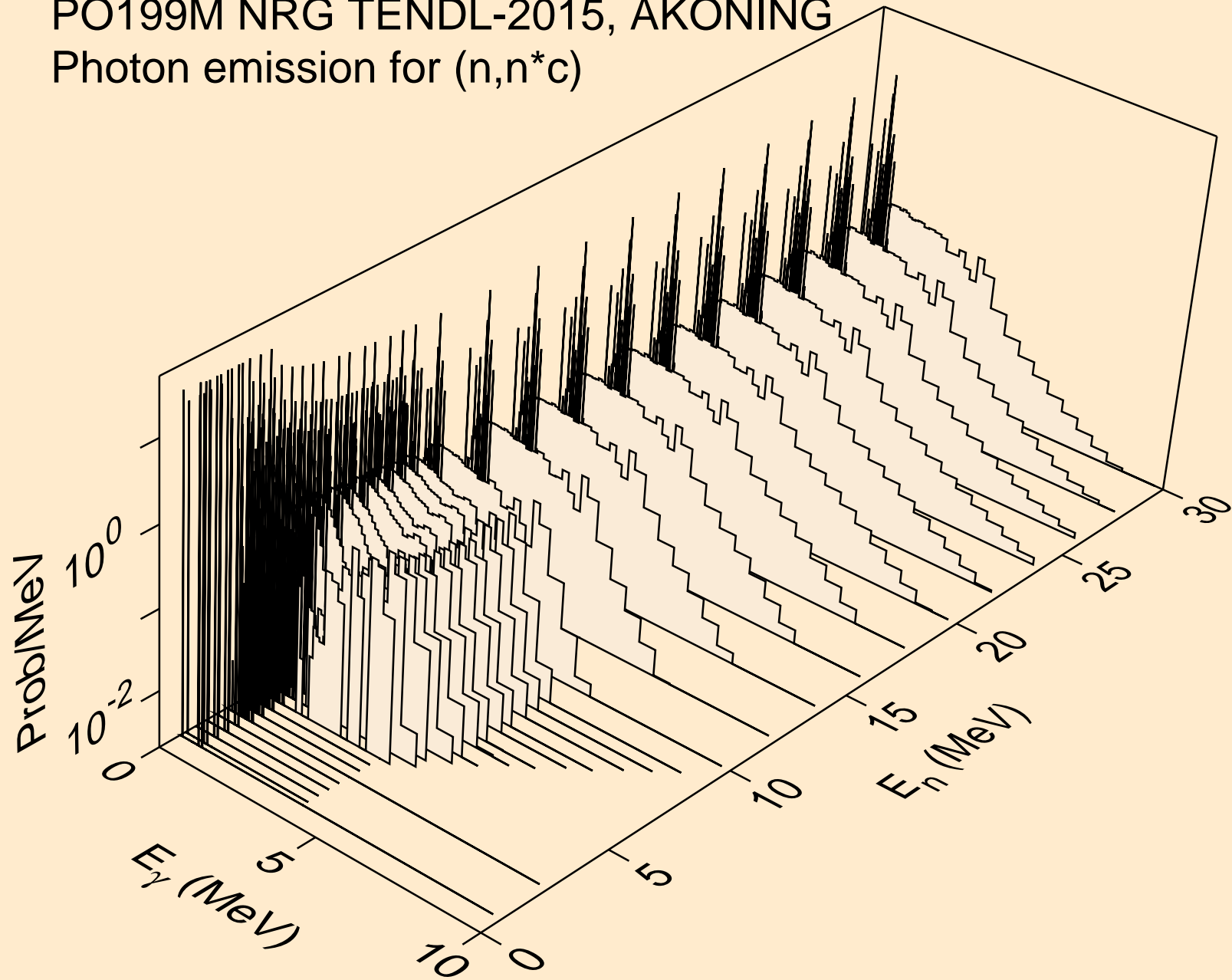
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Photon emission for (n,npa)



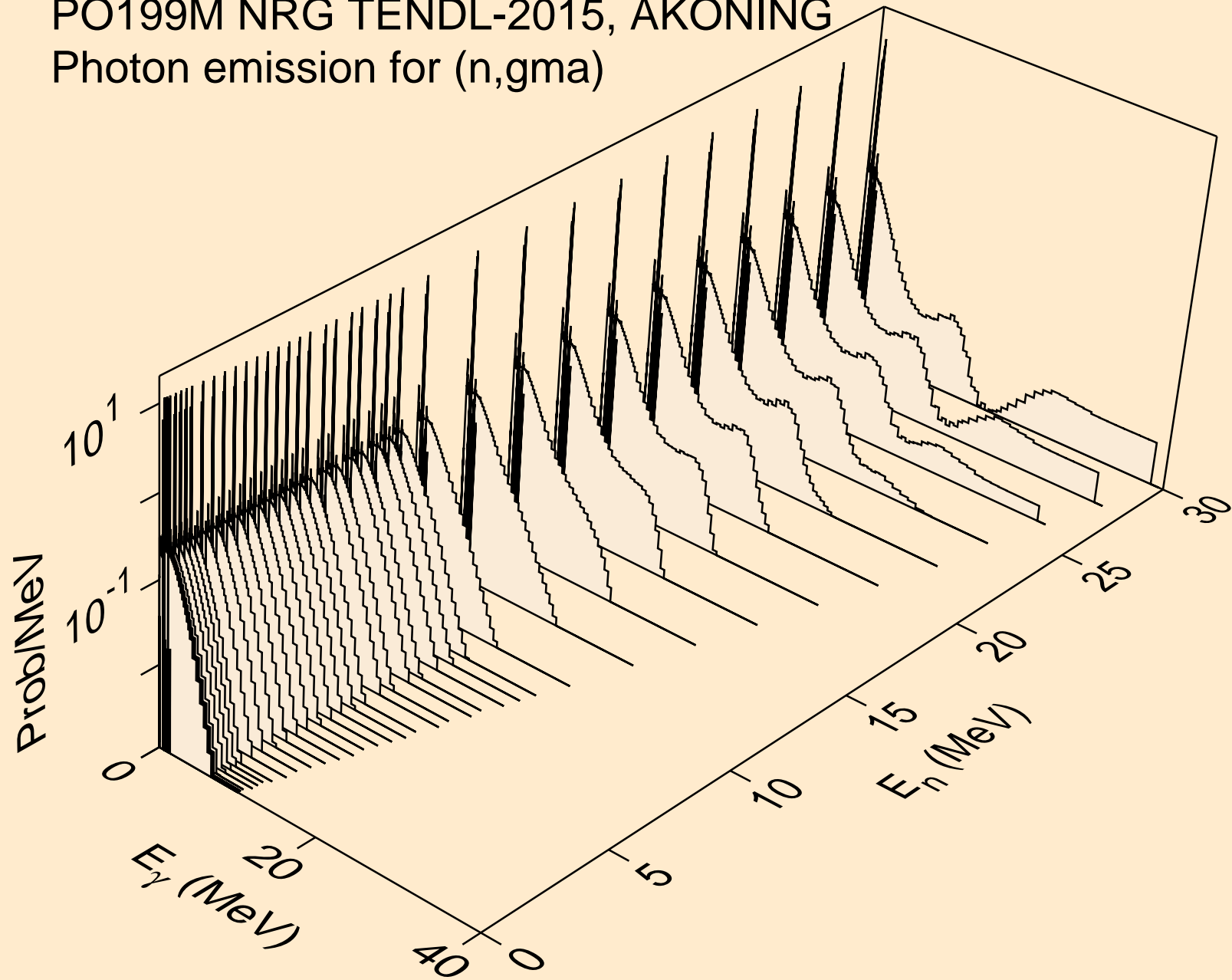
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)



PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

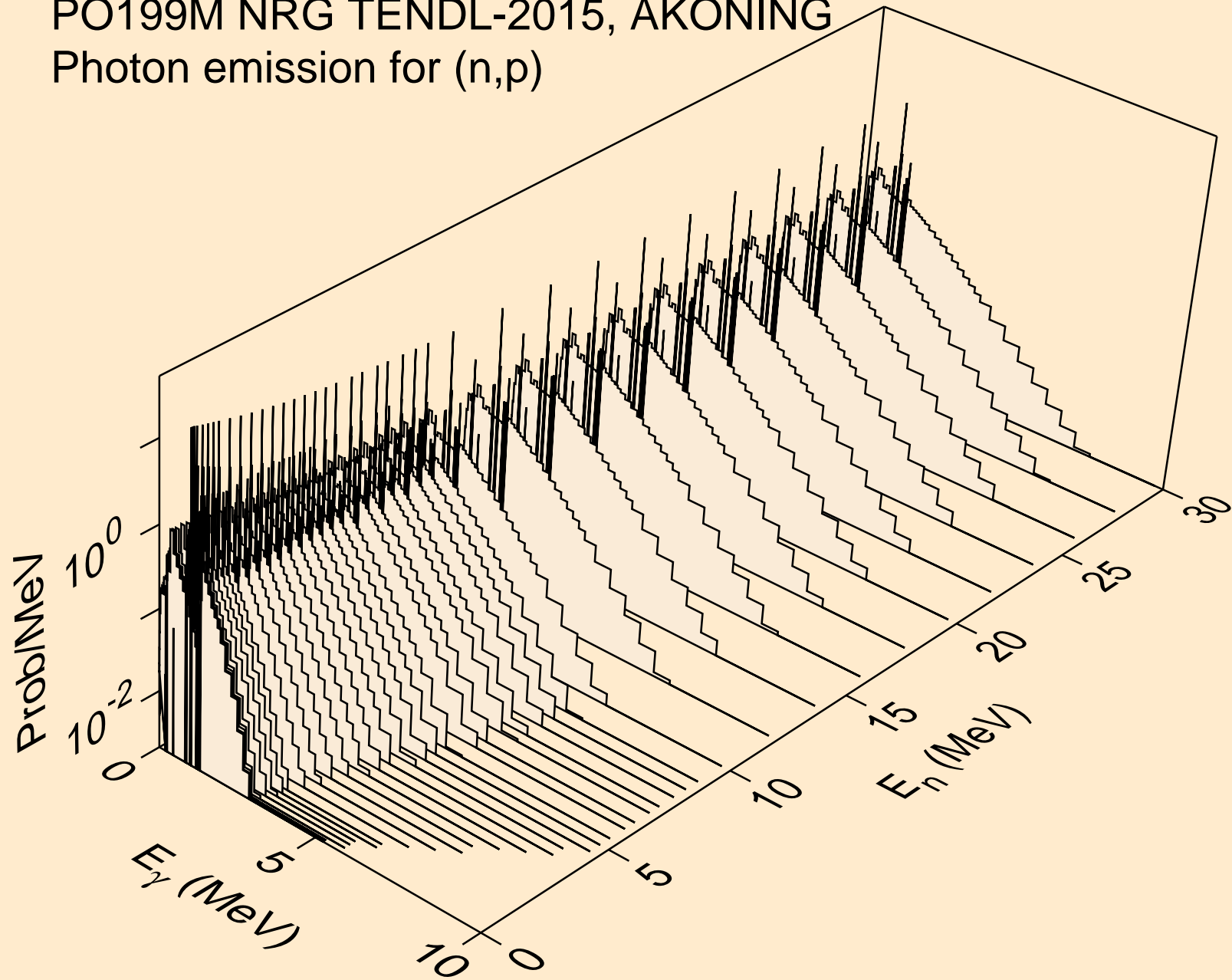


PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

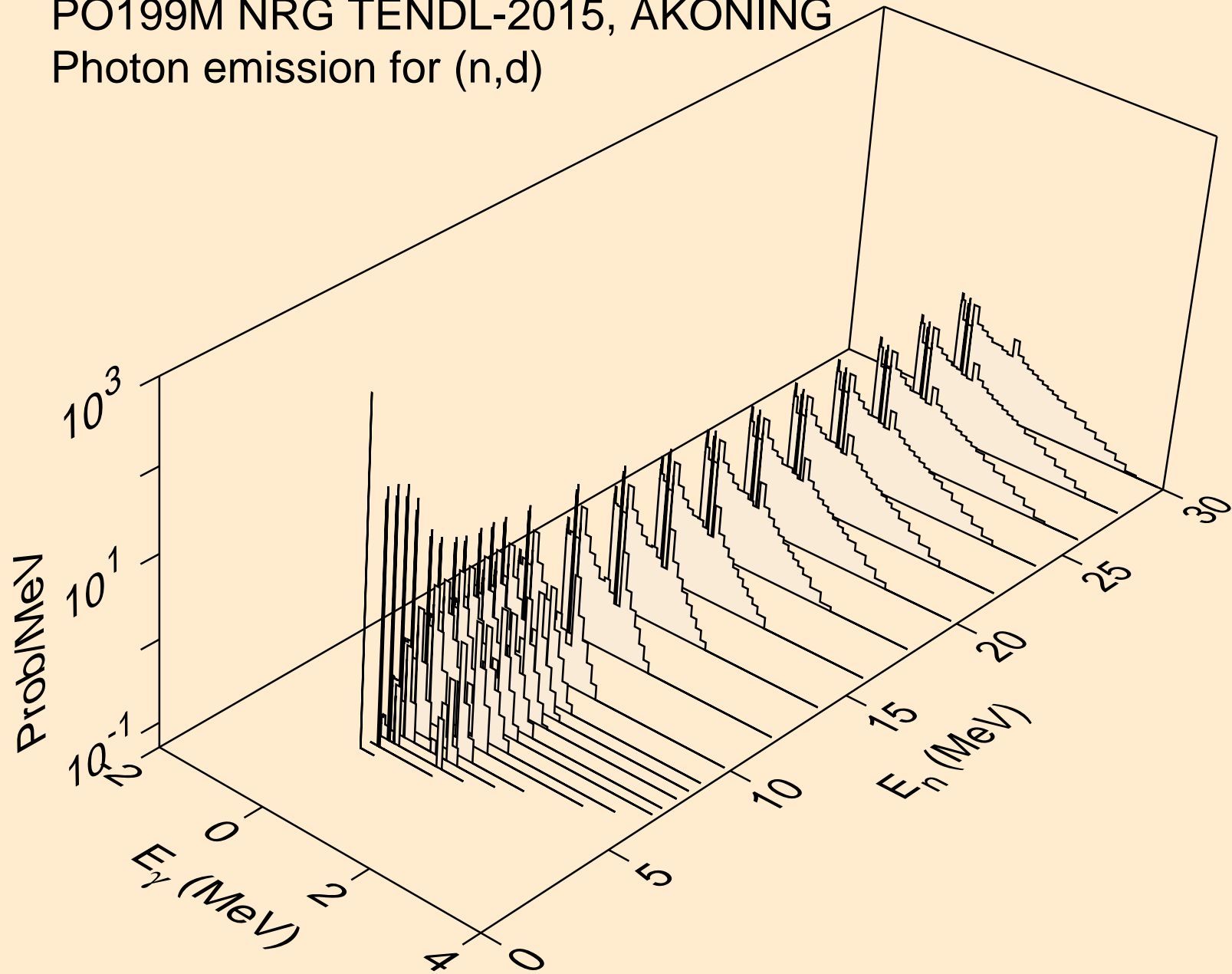




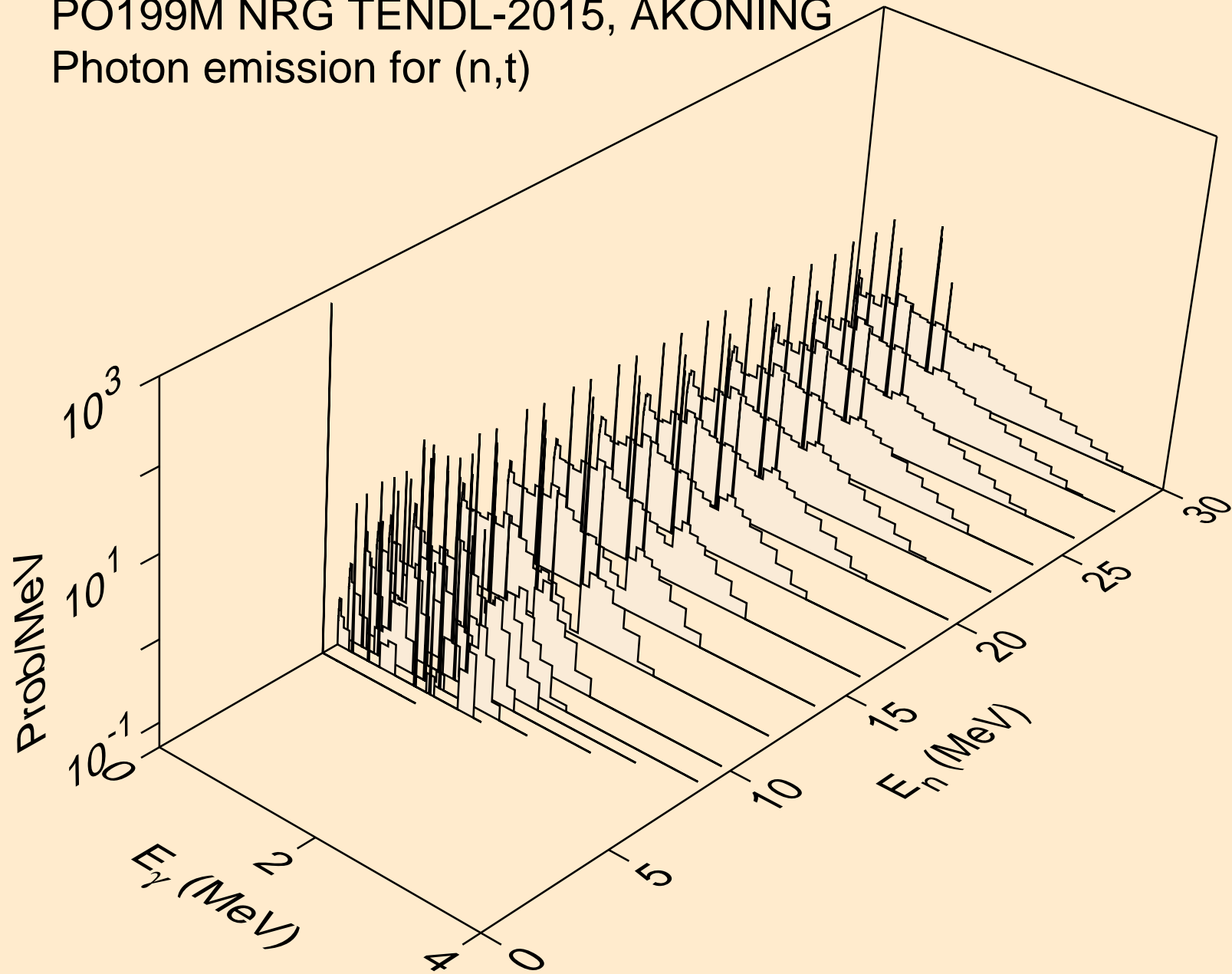
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



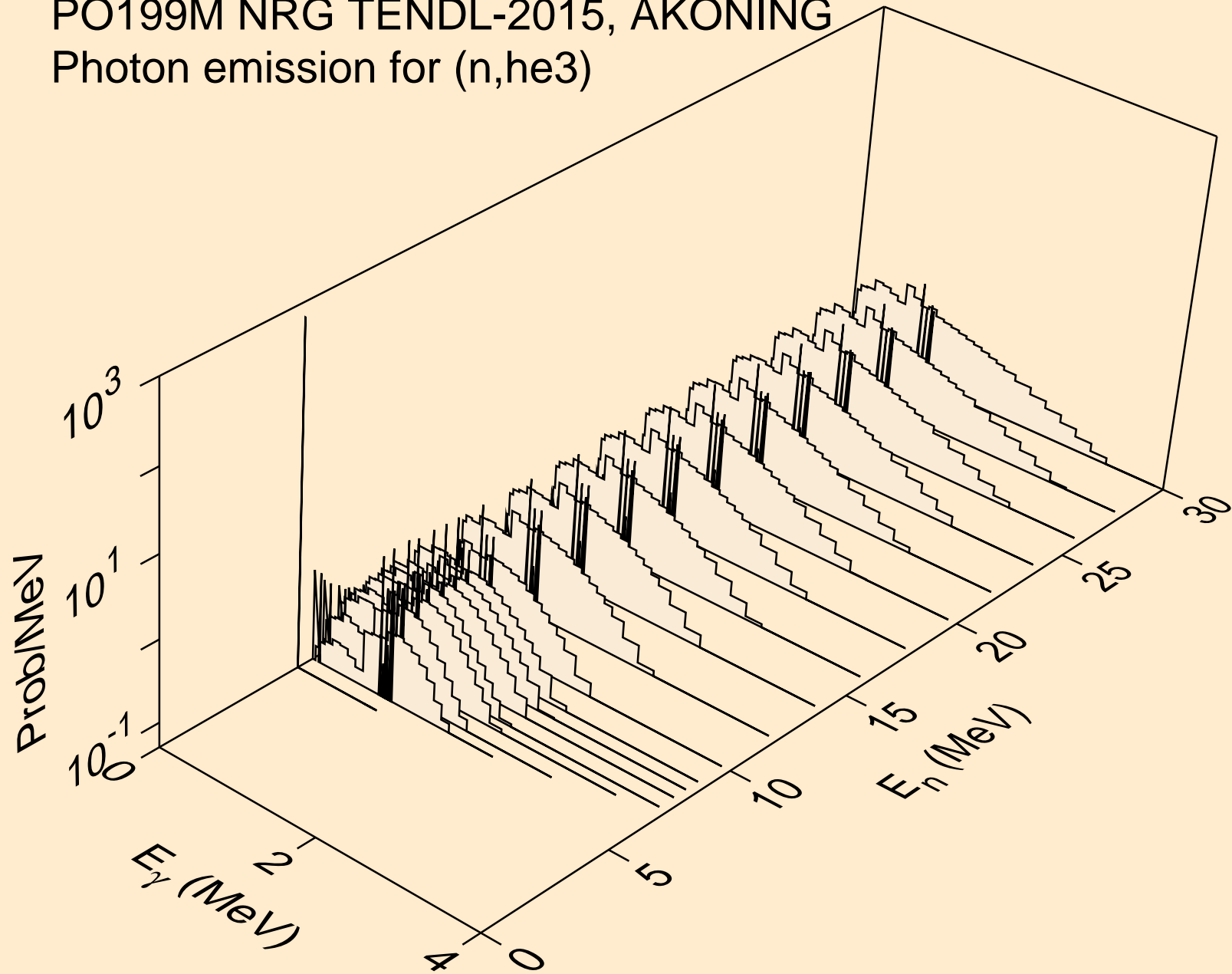
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



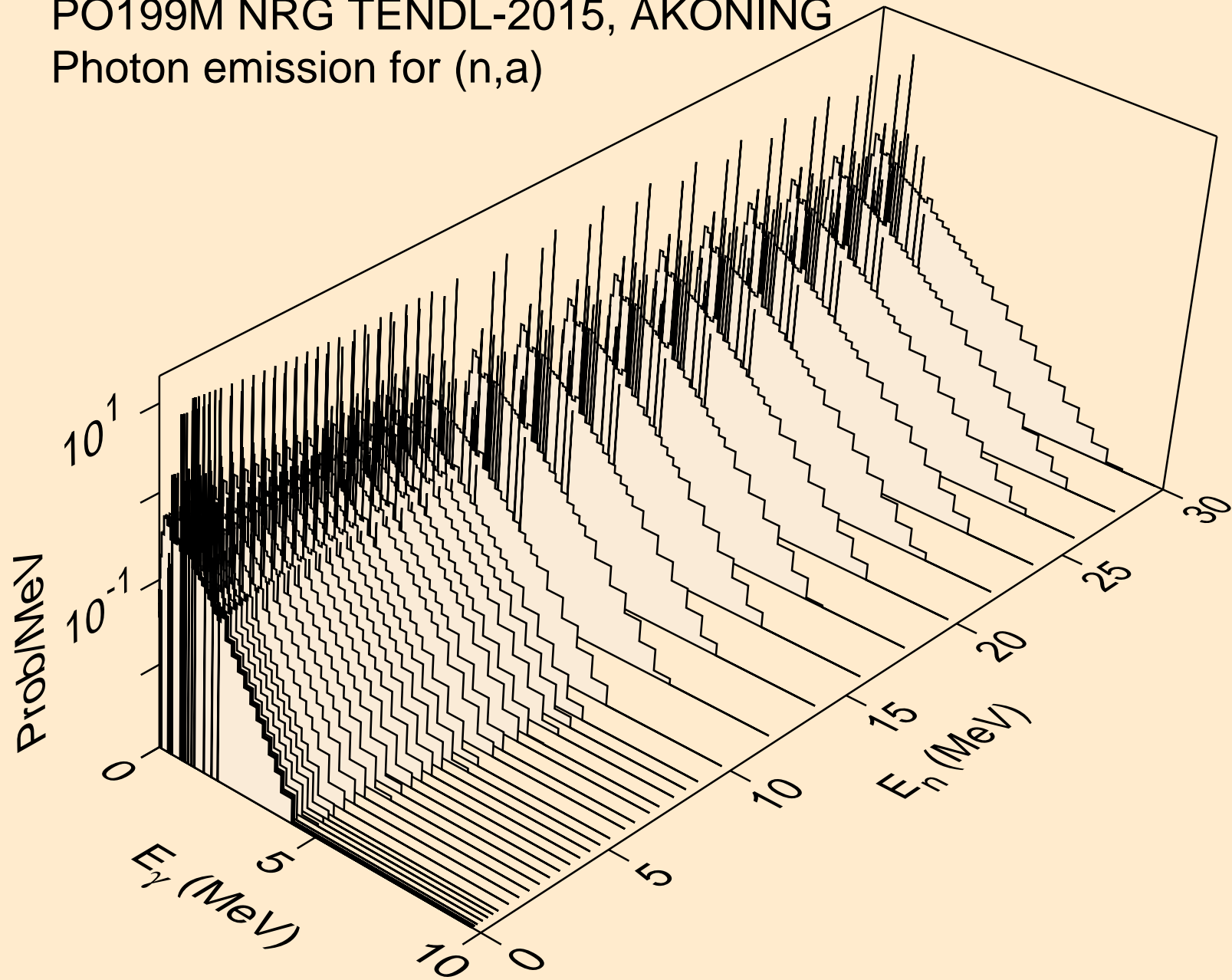
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,t)



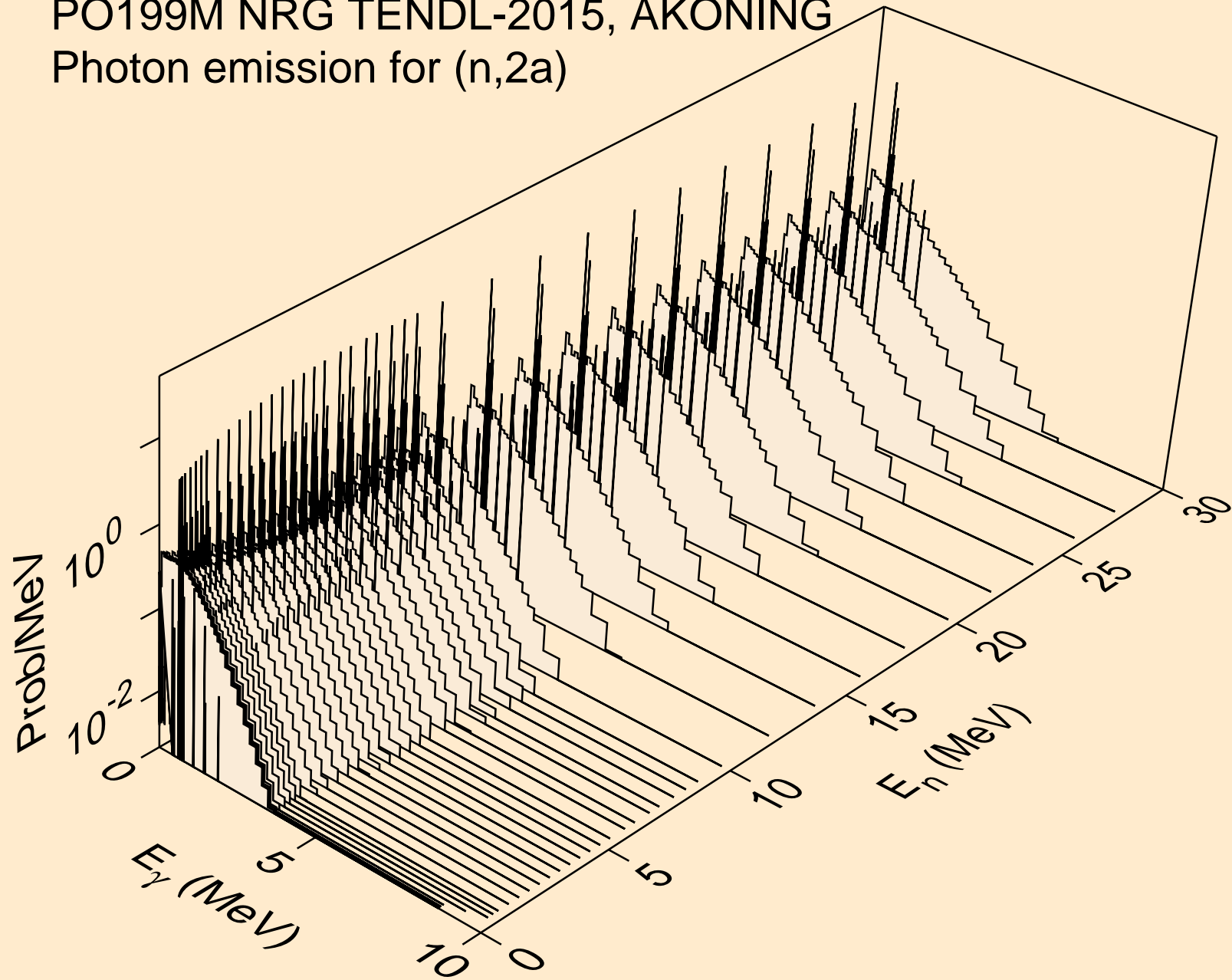
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



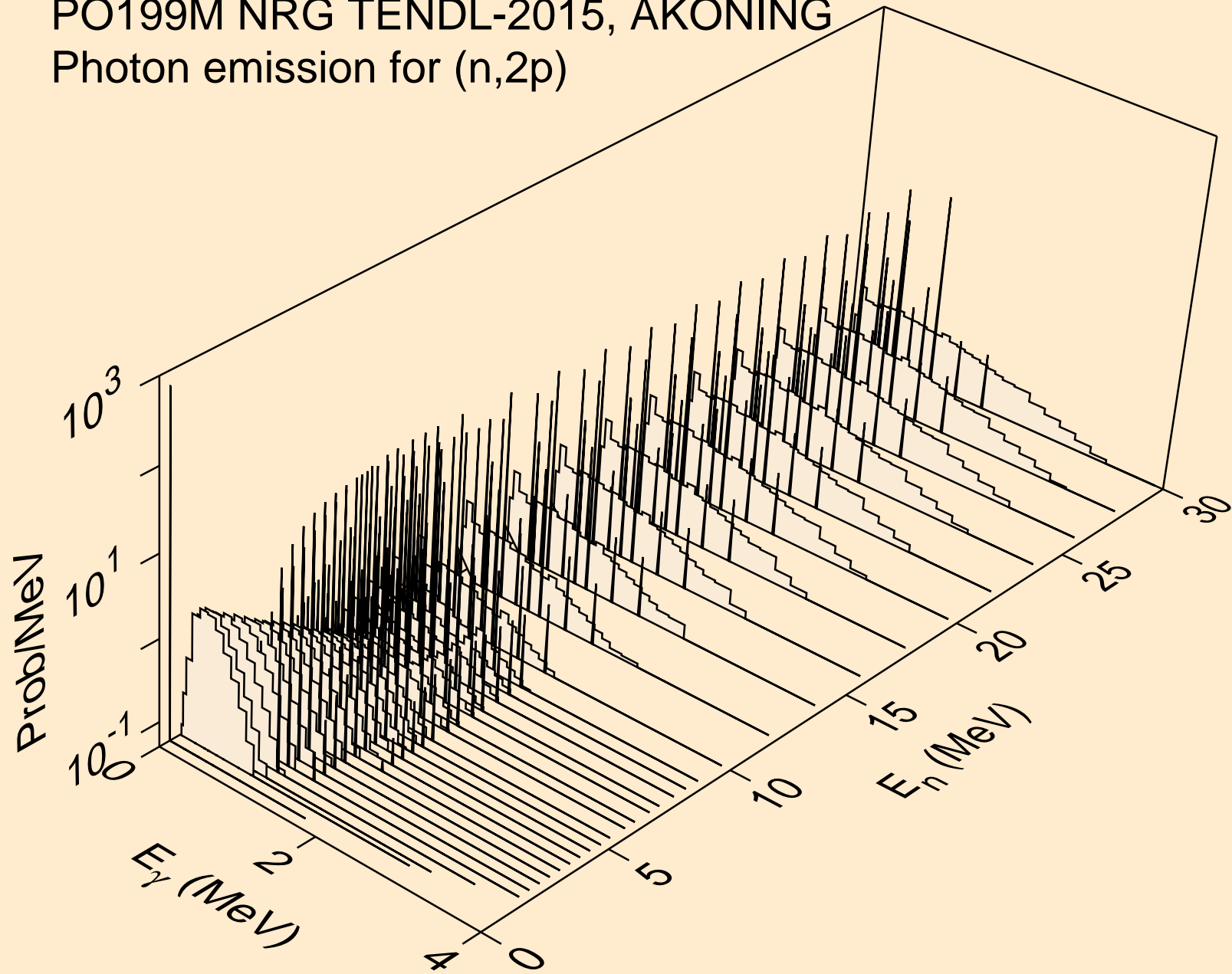
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,a)



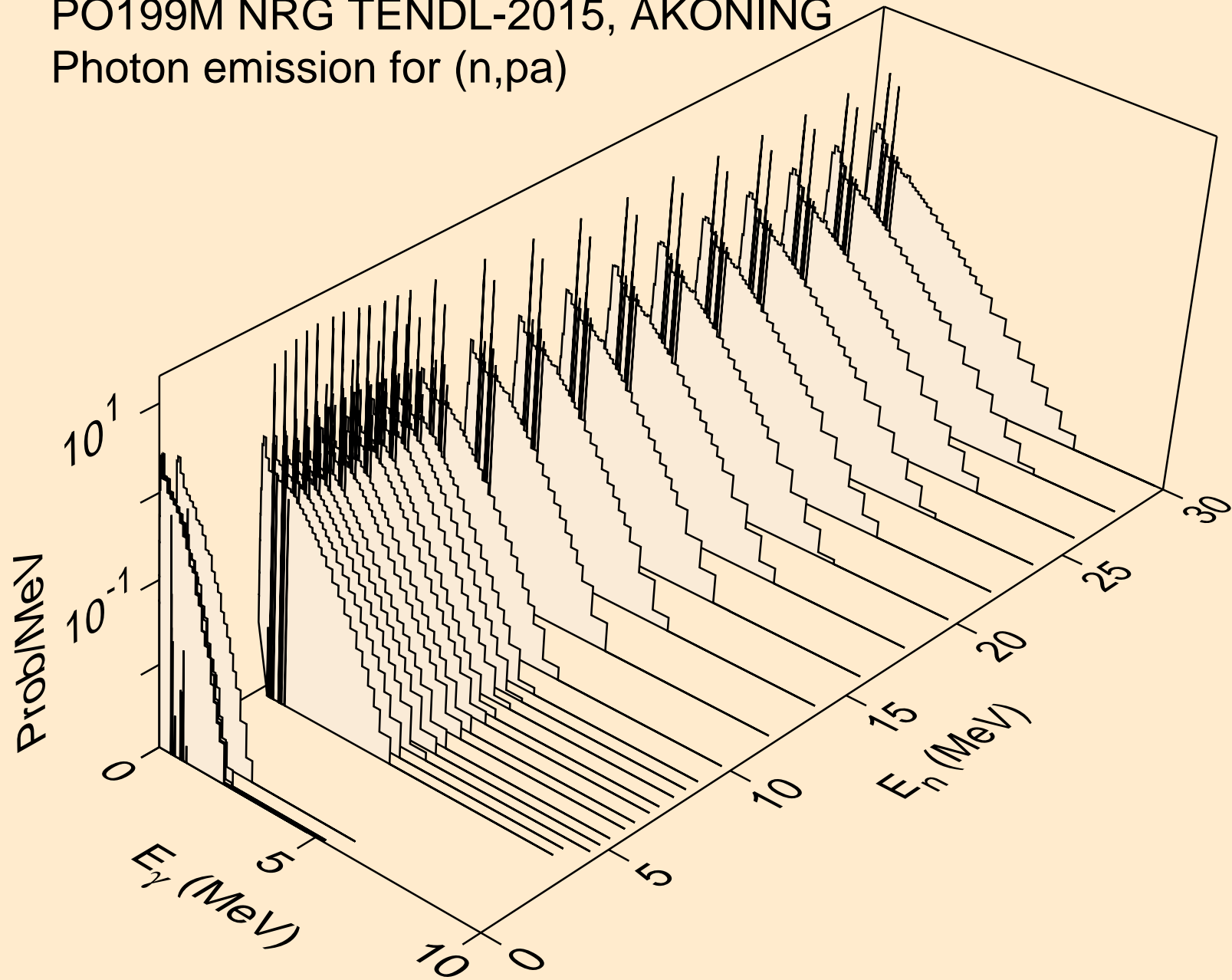
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

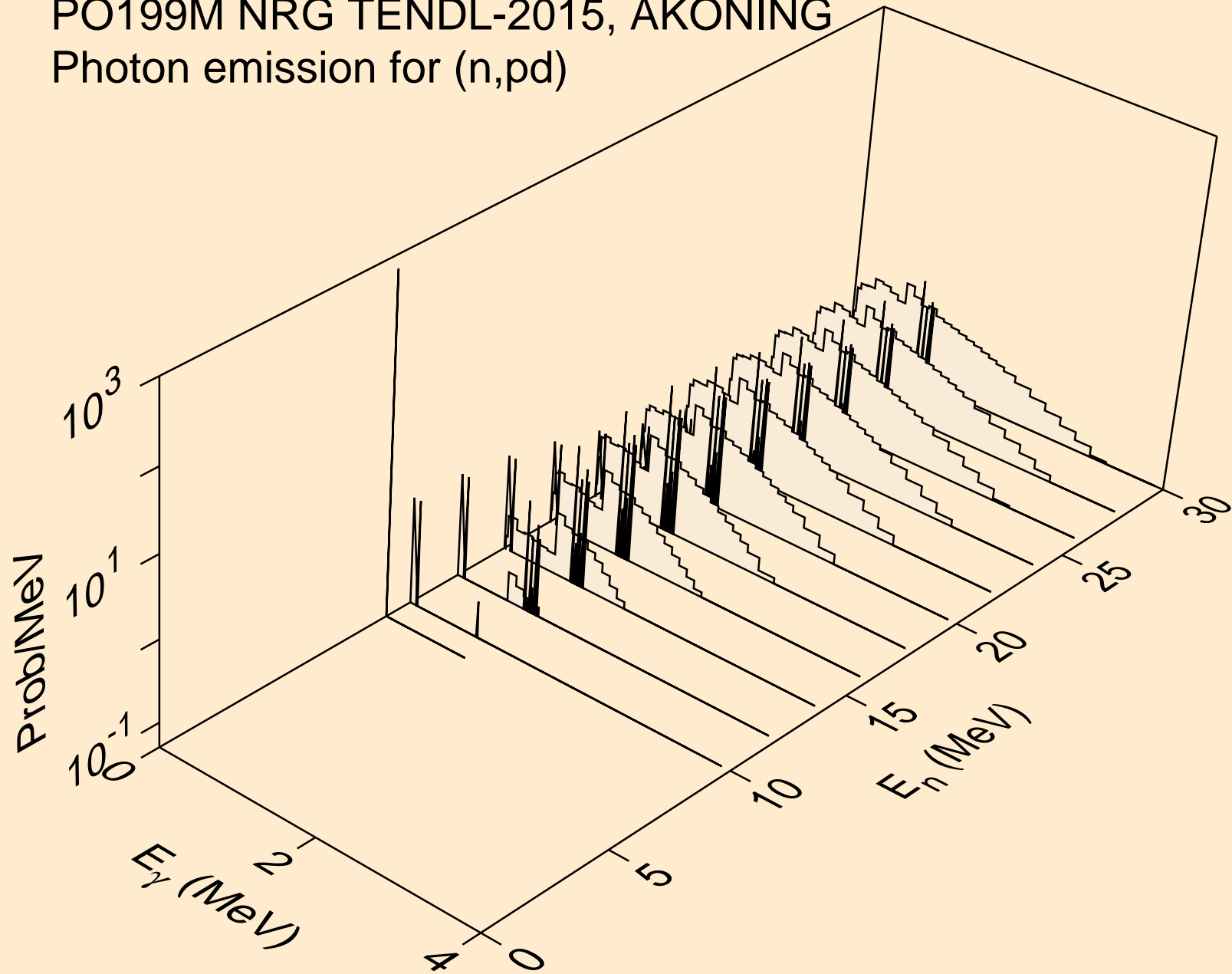


PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

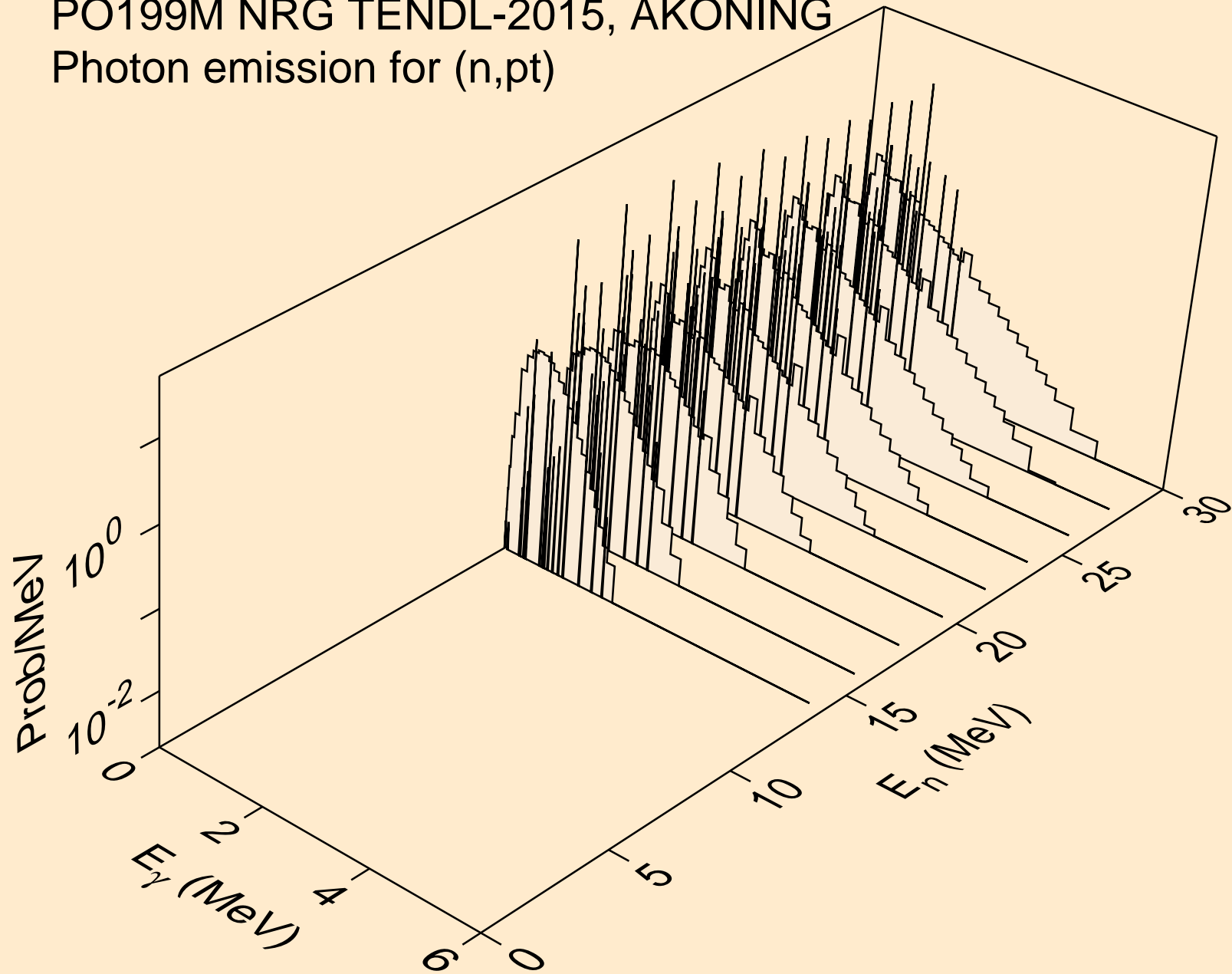




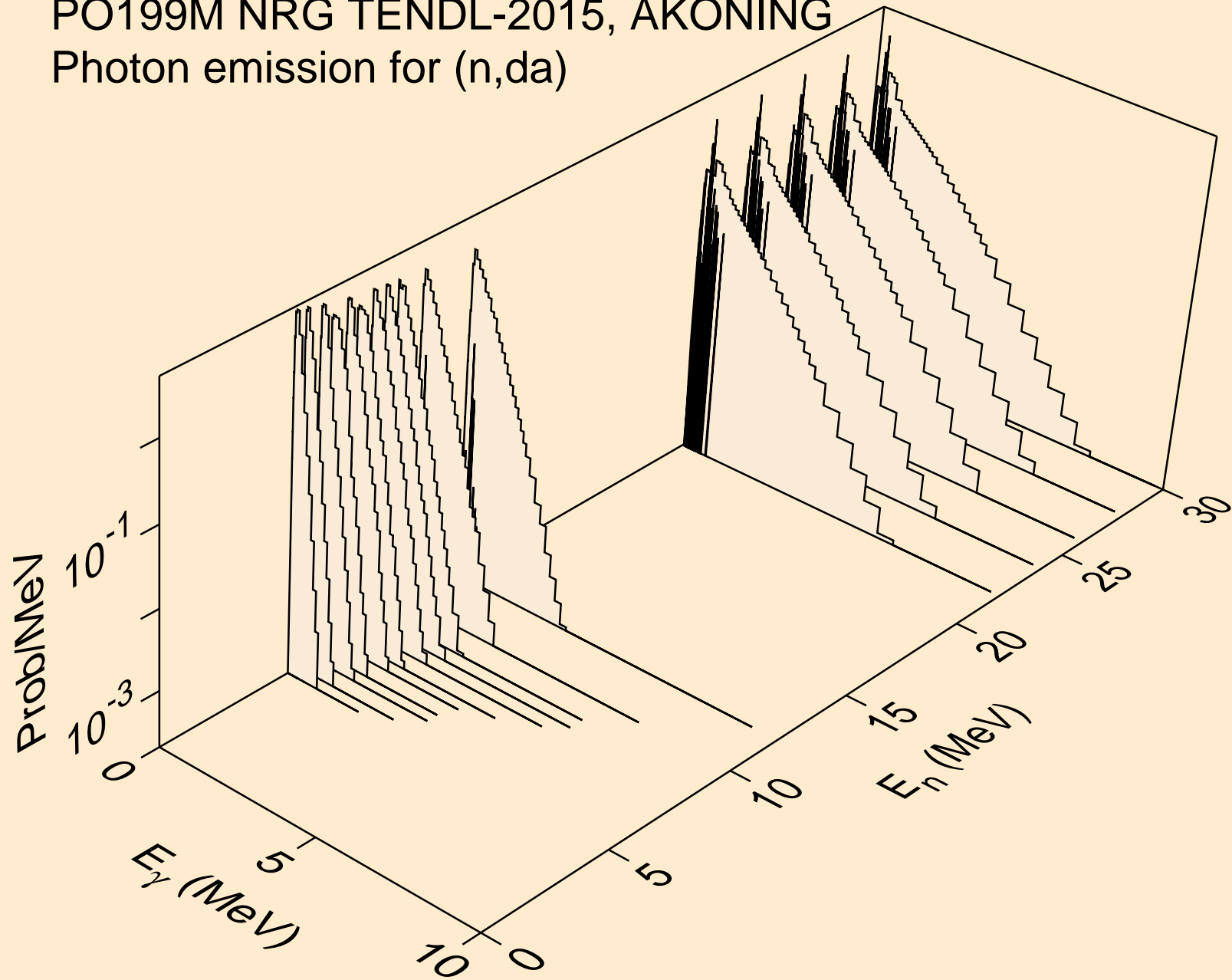
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



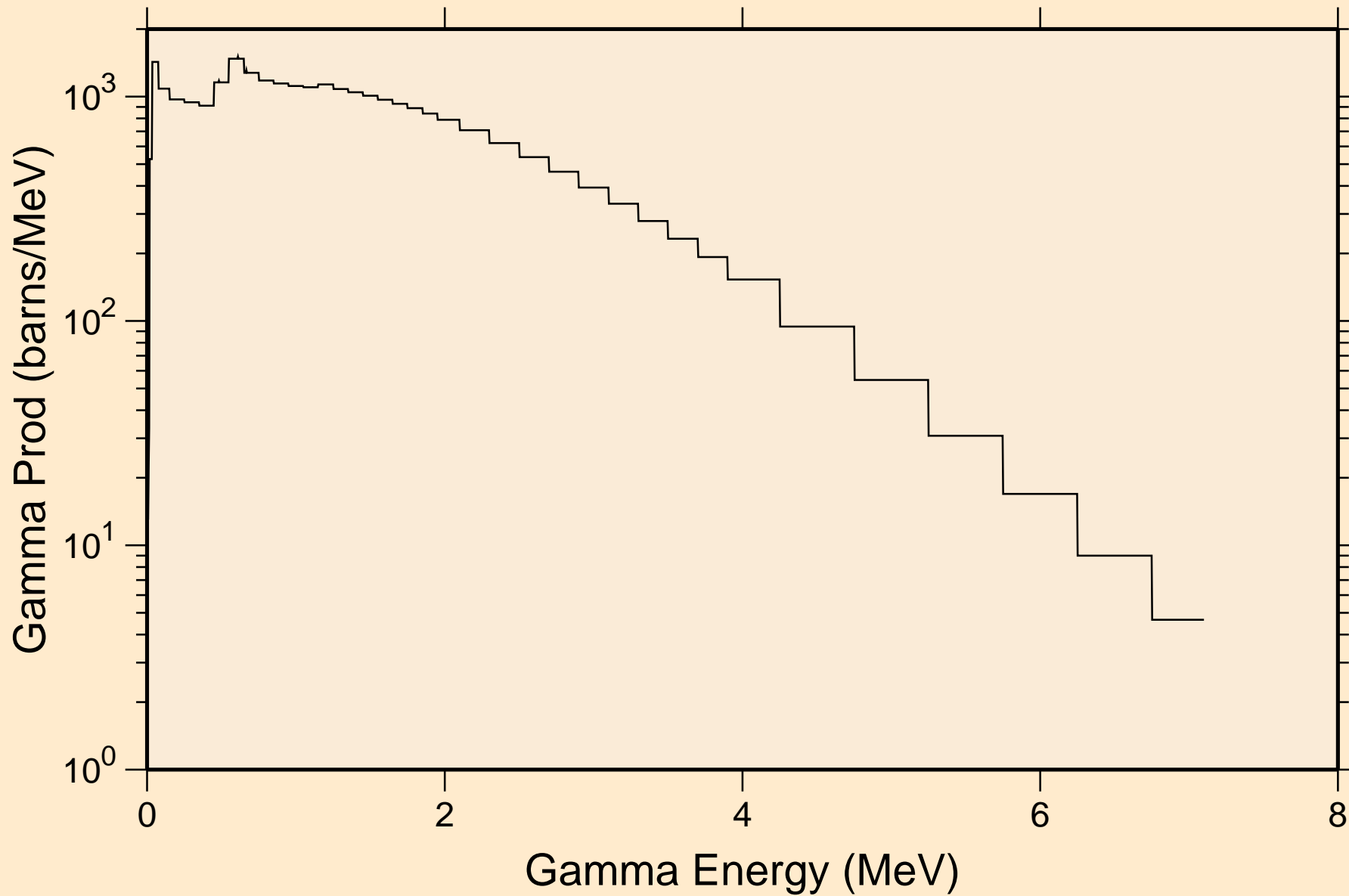
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



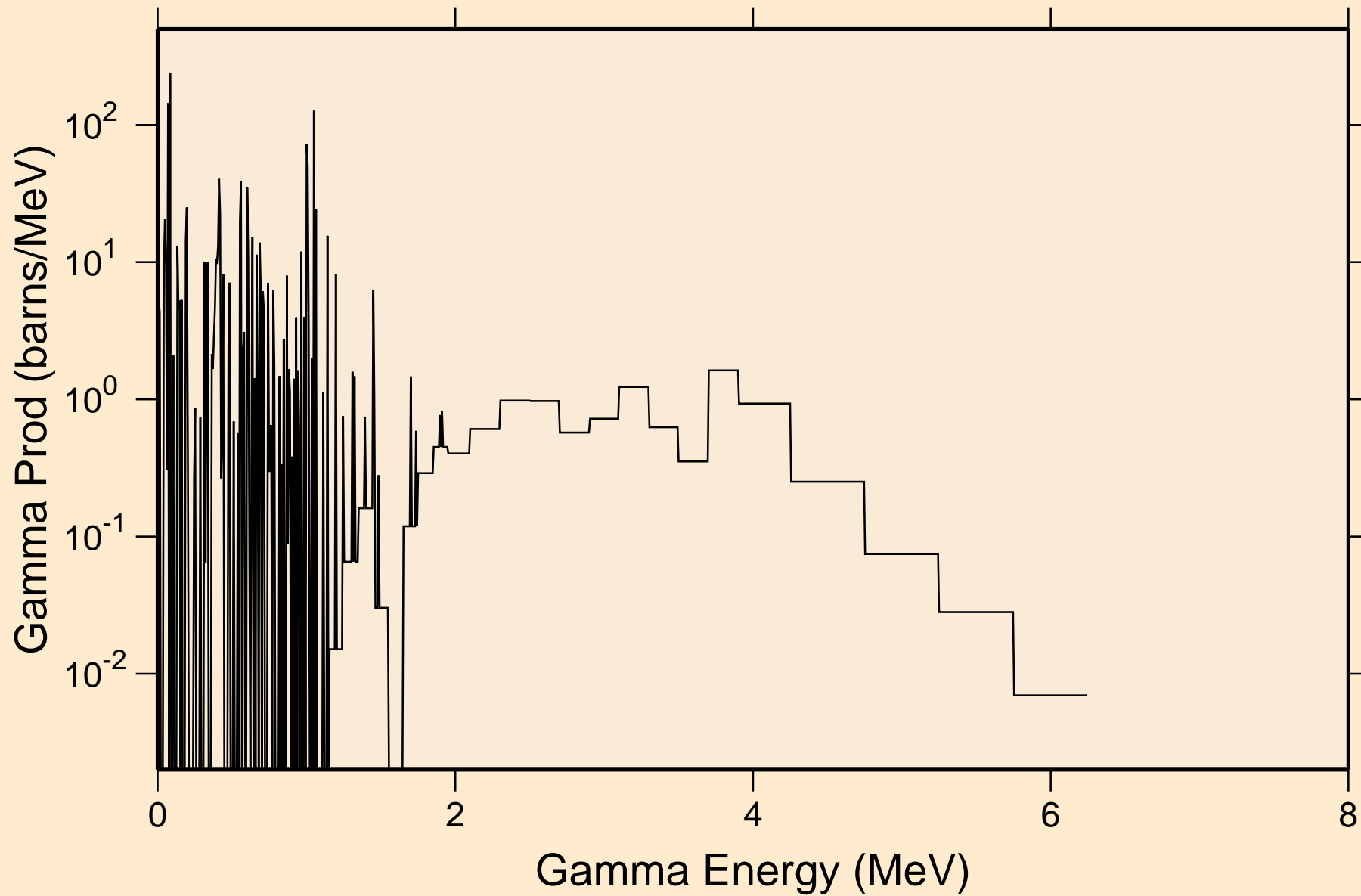
PO199M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PO199M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

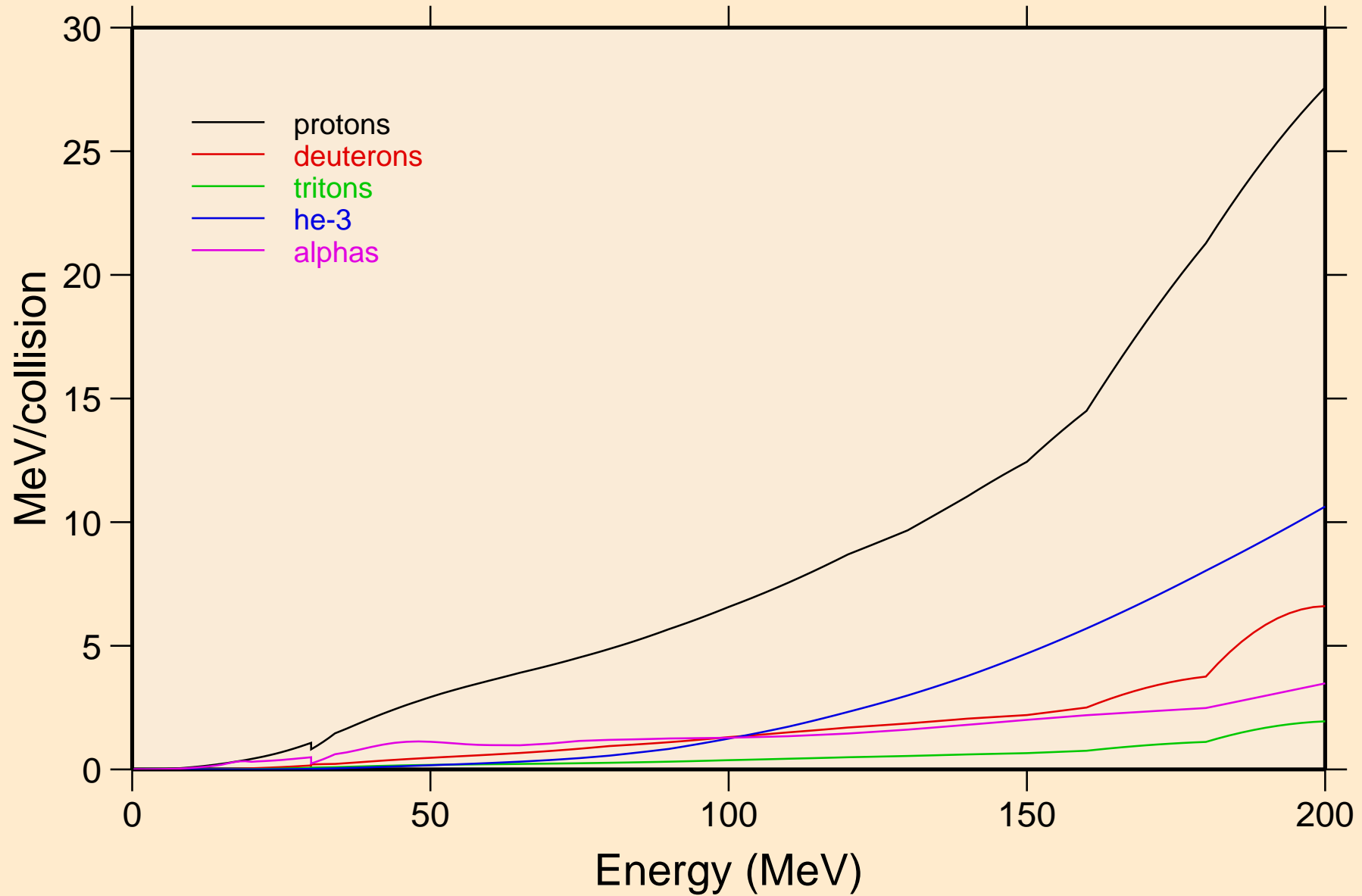


PO199M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



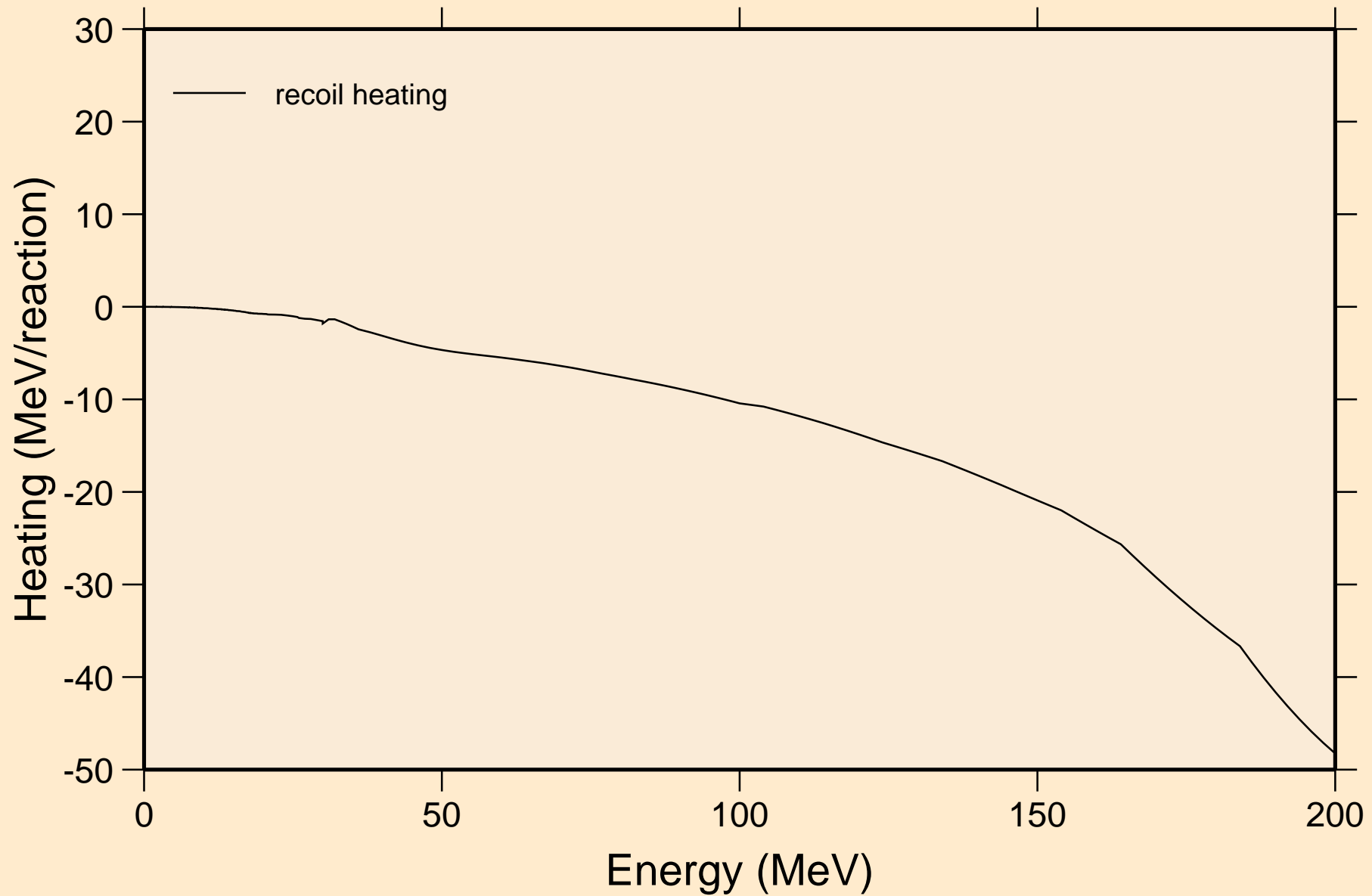
# PO199M NRG TENDL-2015, AKONING

## Particle heating contributions



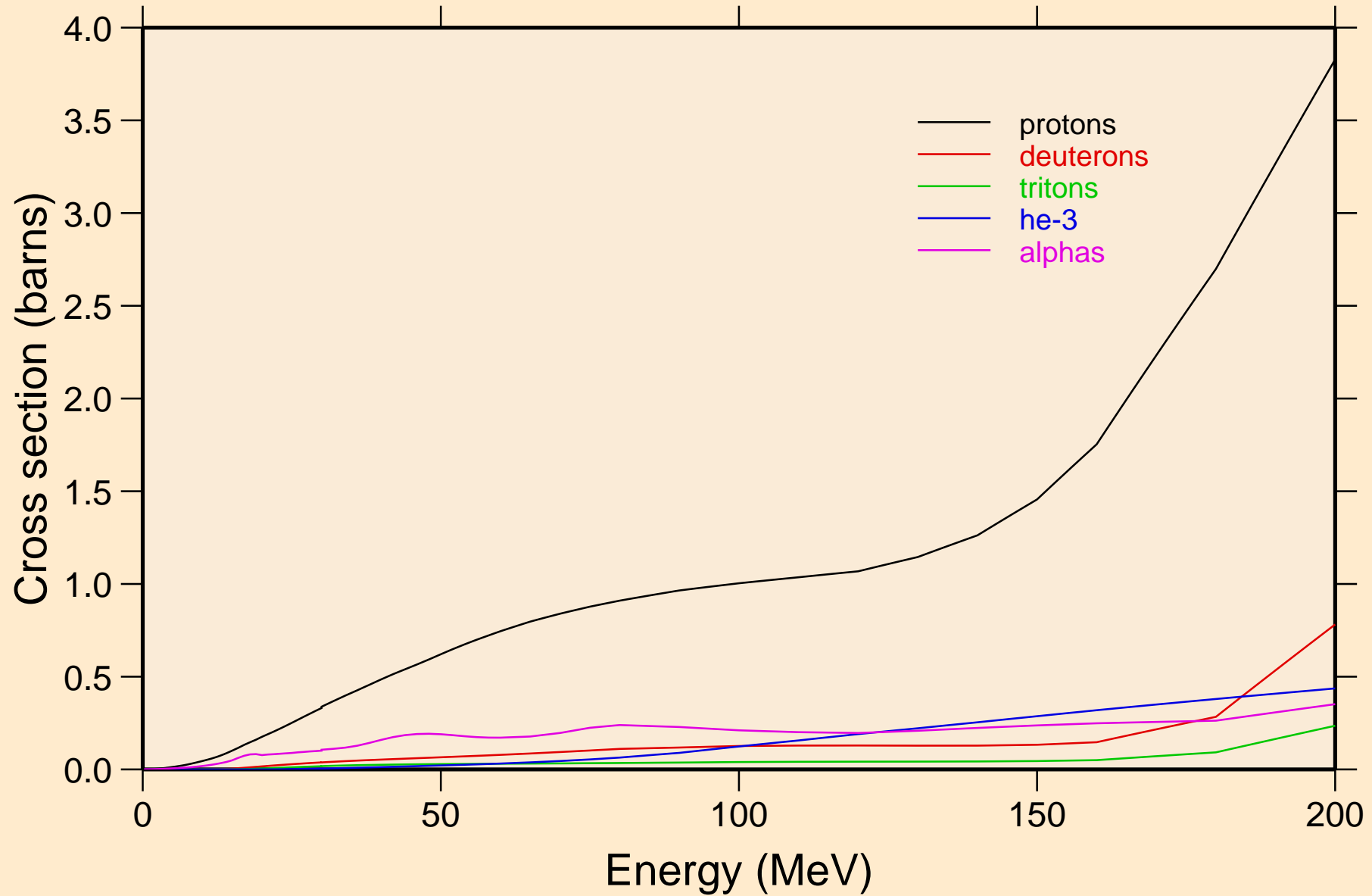
# PO199M NRG TENDL-2015, AKONING

## Recoil Heating



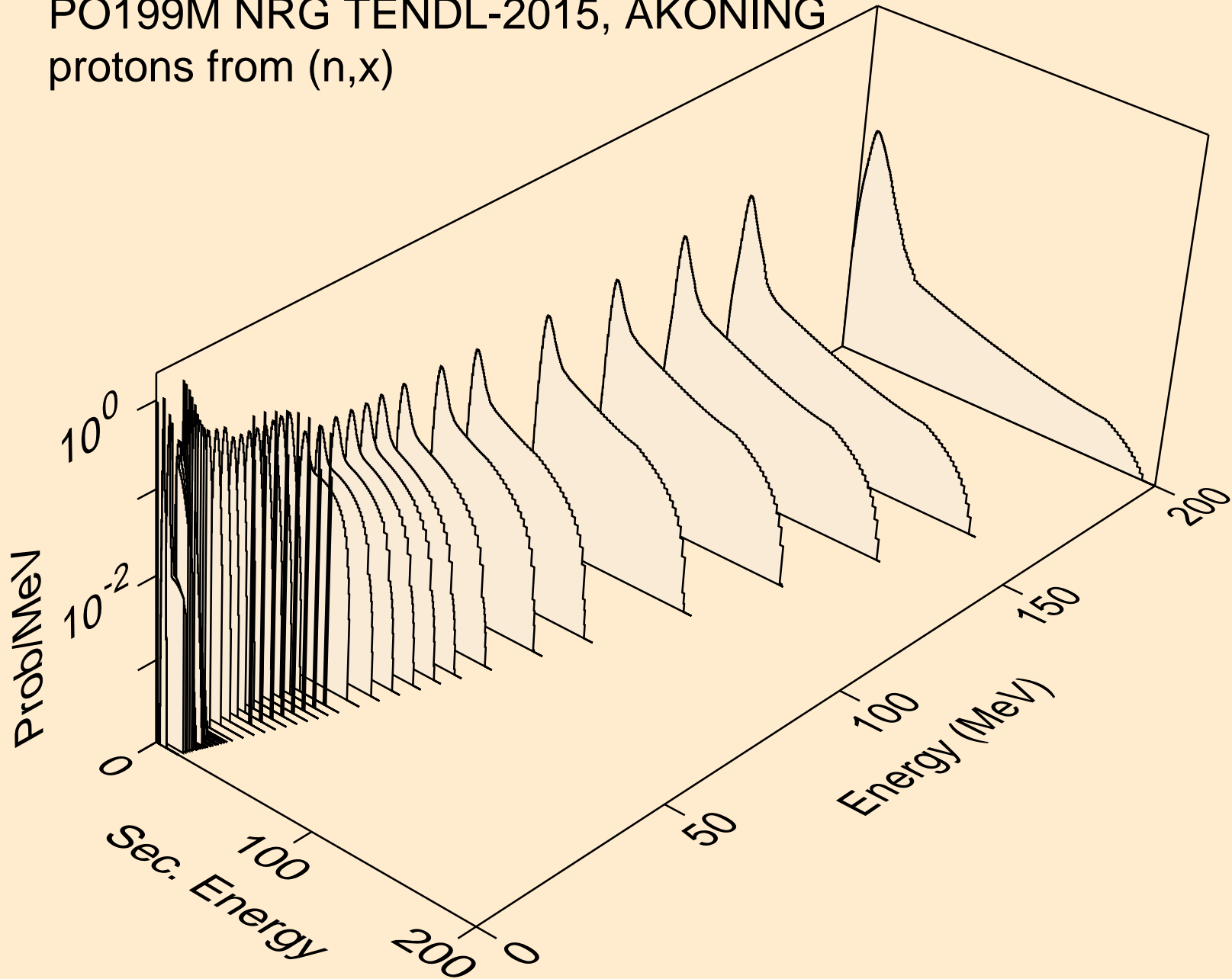
# PO199M NRG TENDL-2015, AKONING

## Particle production cross sections

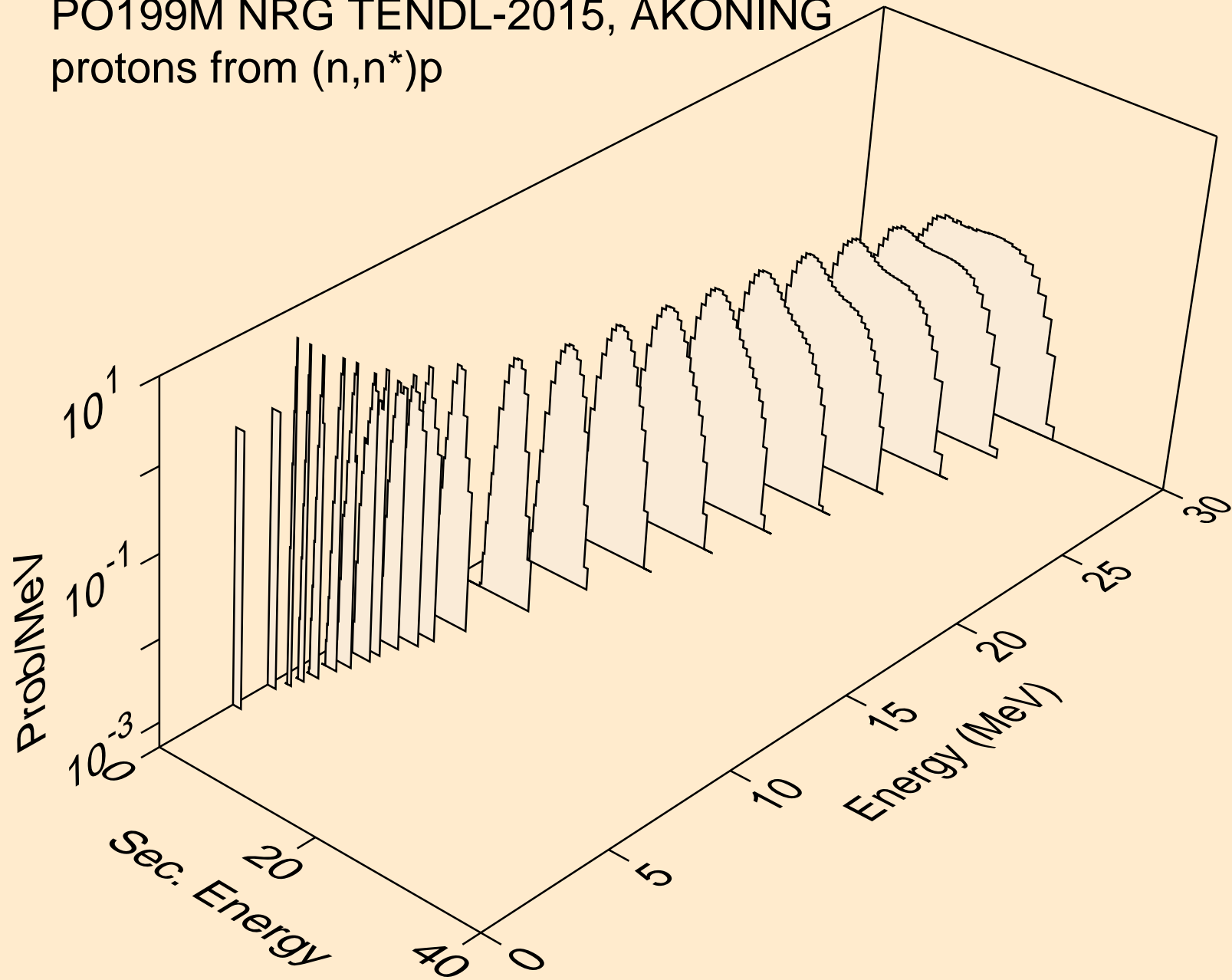




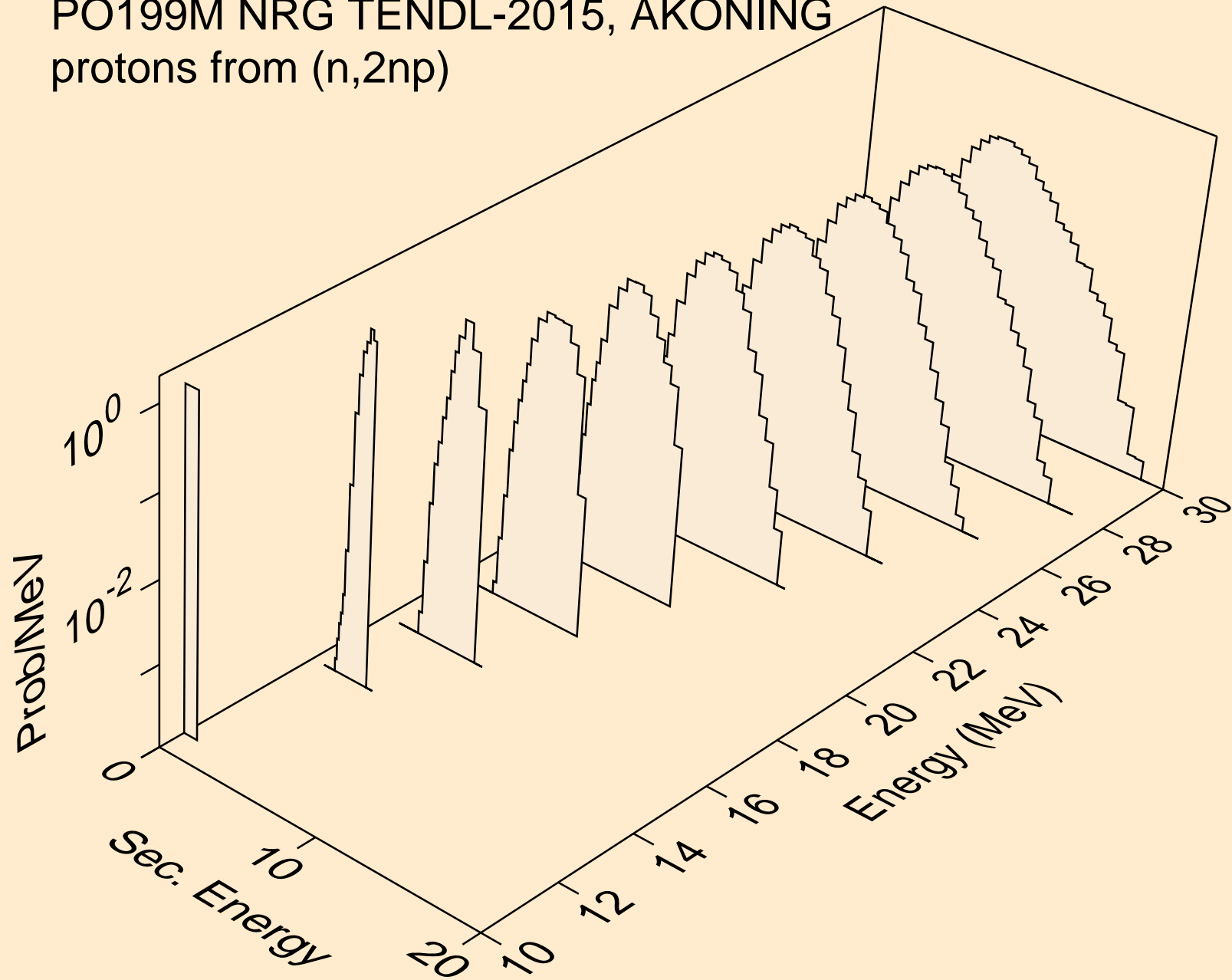
PO199M NRG TENDL-2015, AKONING  
protons from (n,x)



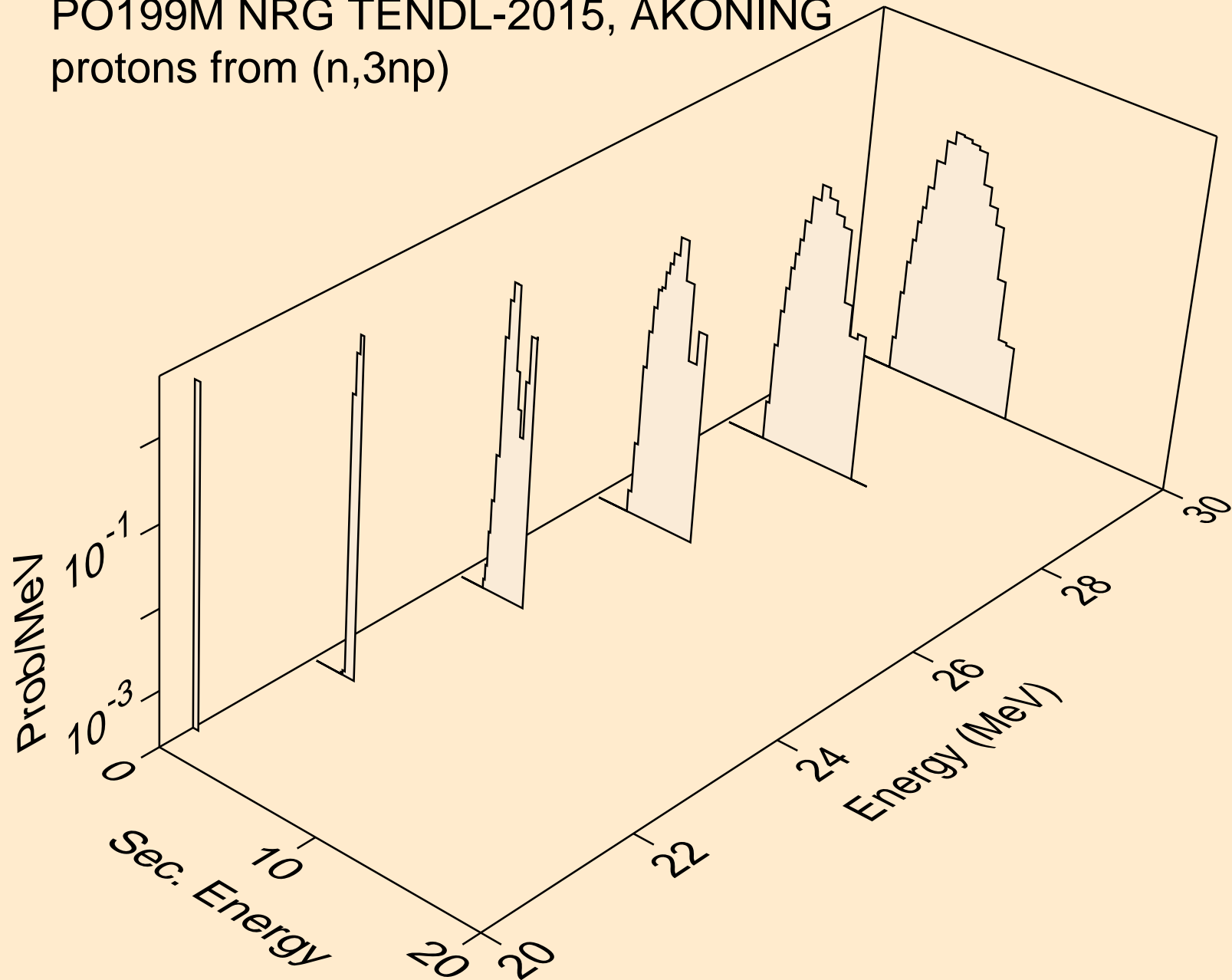
PO199M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



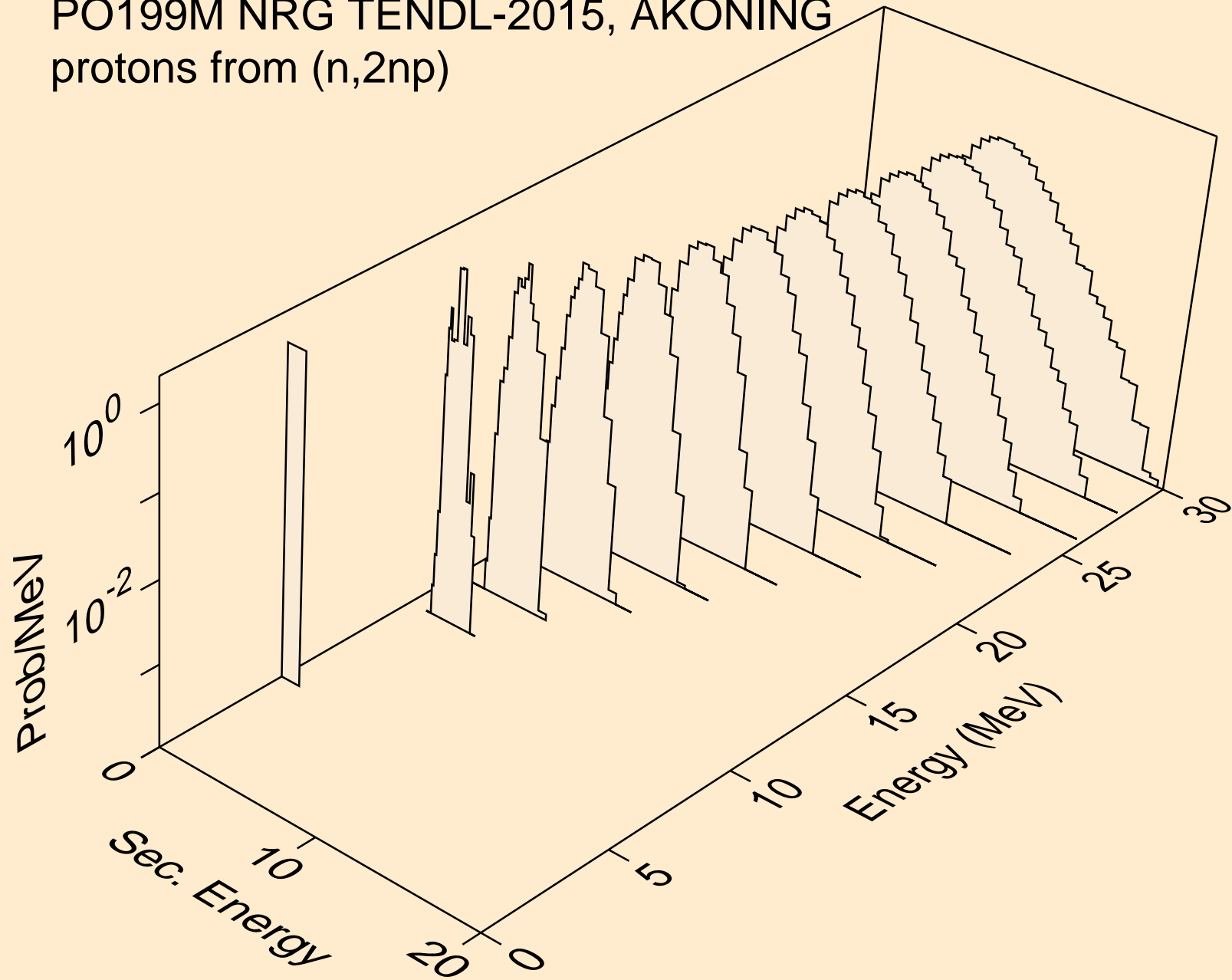
PO199M NRG TENDL-2015, AKONING  
protons from (n,2np)



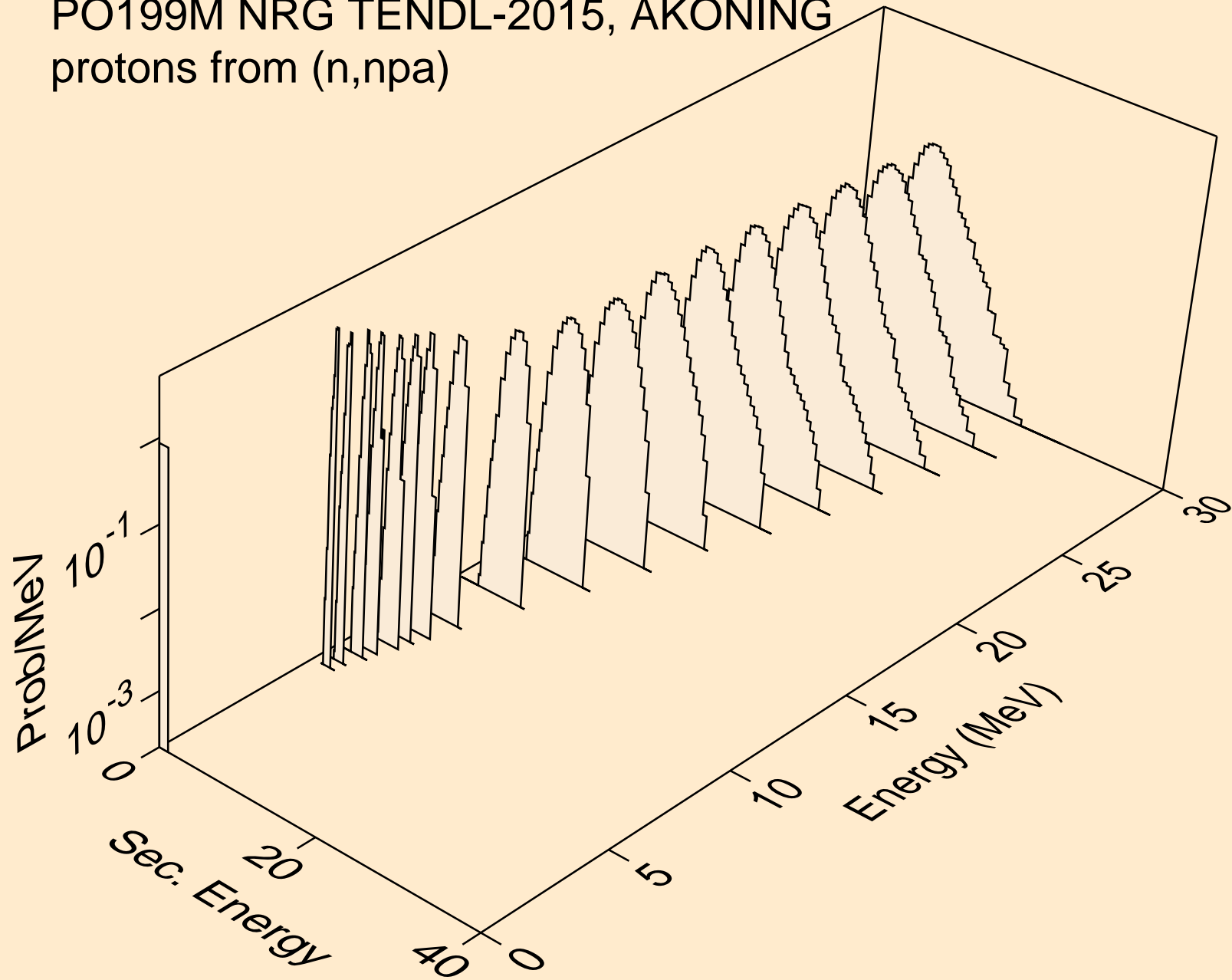
PO199M NRG TENDL-2015, AKONING  
protons from (n,3np)



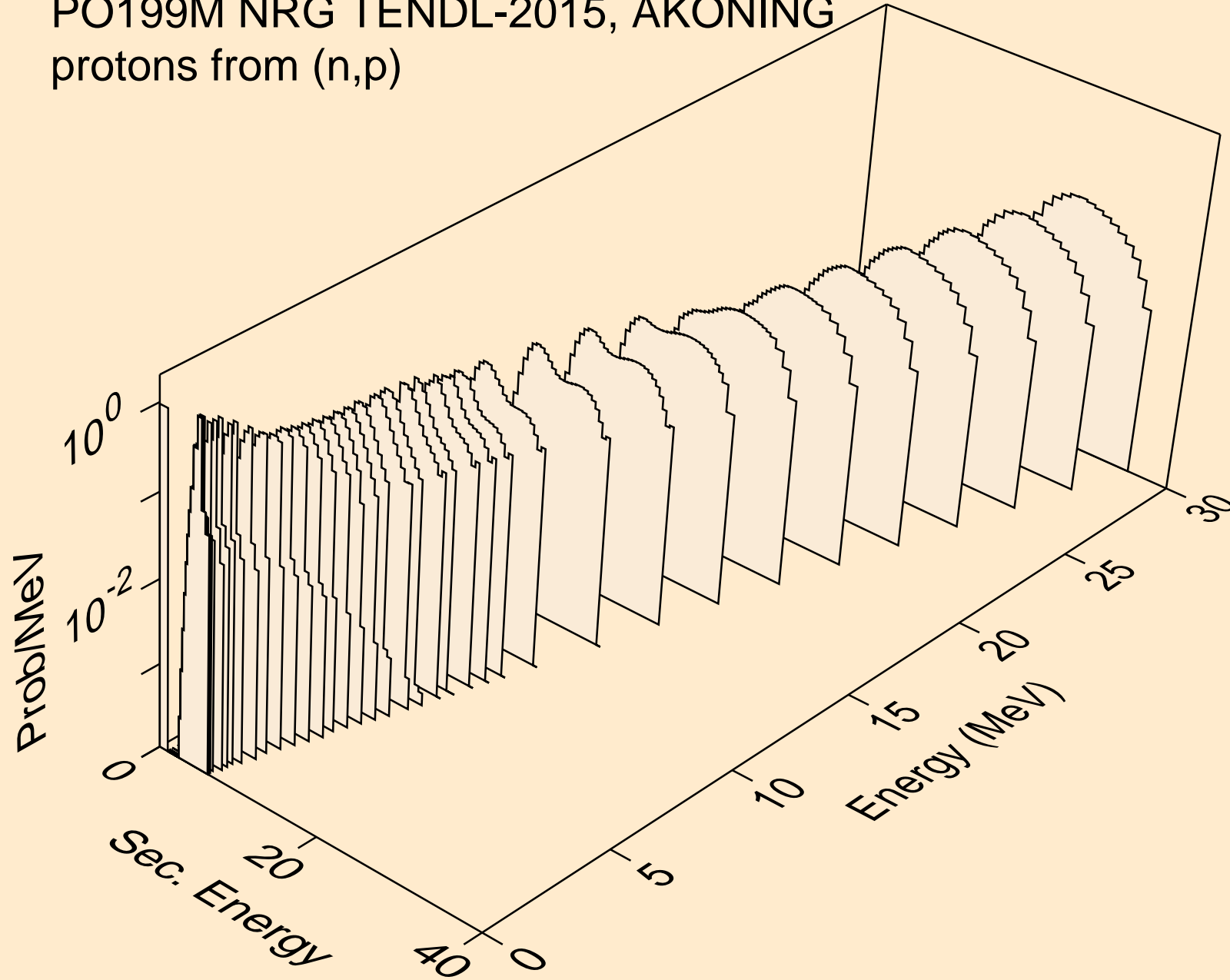
PO199M NRG TENDL-2015, AKONING  
protons from (n,2np)



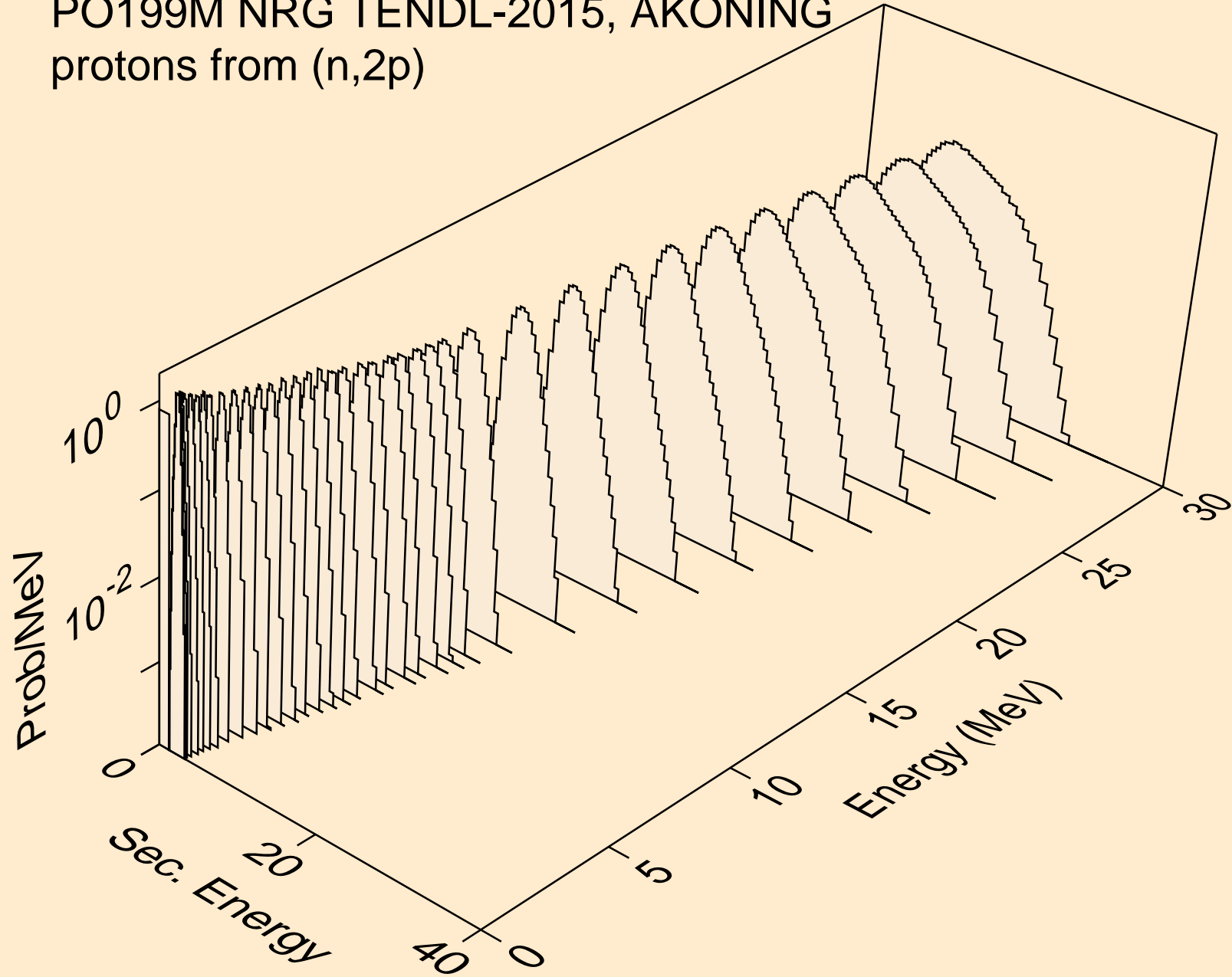
PO199M NRG TENDL-2015, AKONING  
protons from (n,npa)



PO199M NRG TENDL-2015, AKONING  
protons from (n,p)

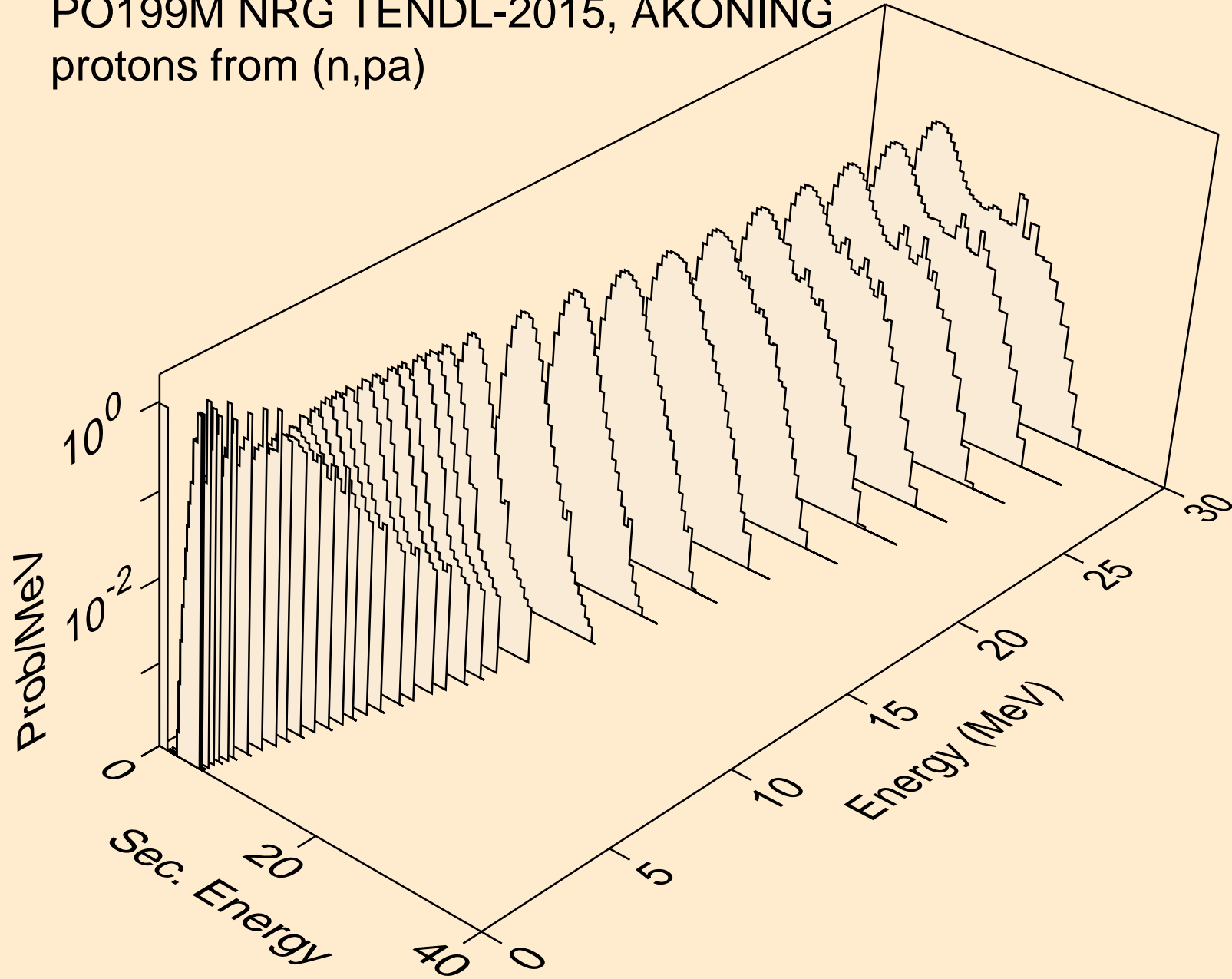


PO199M NRG TENDL-2015, AKONING  
protons from (n,2p)

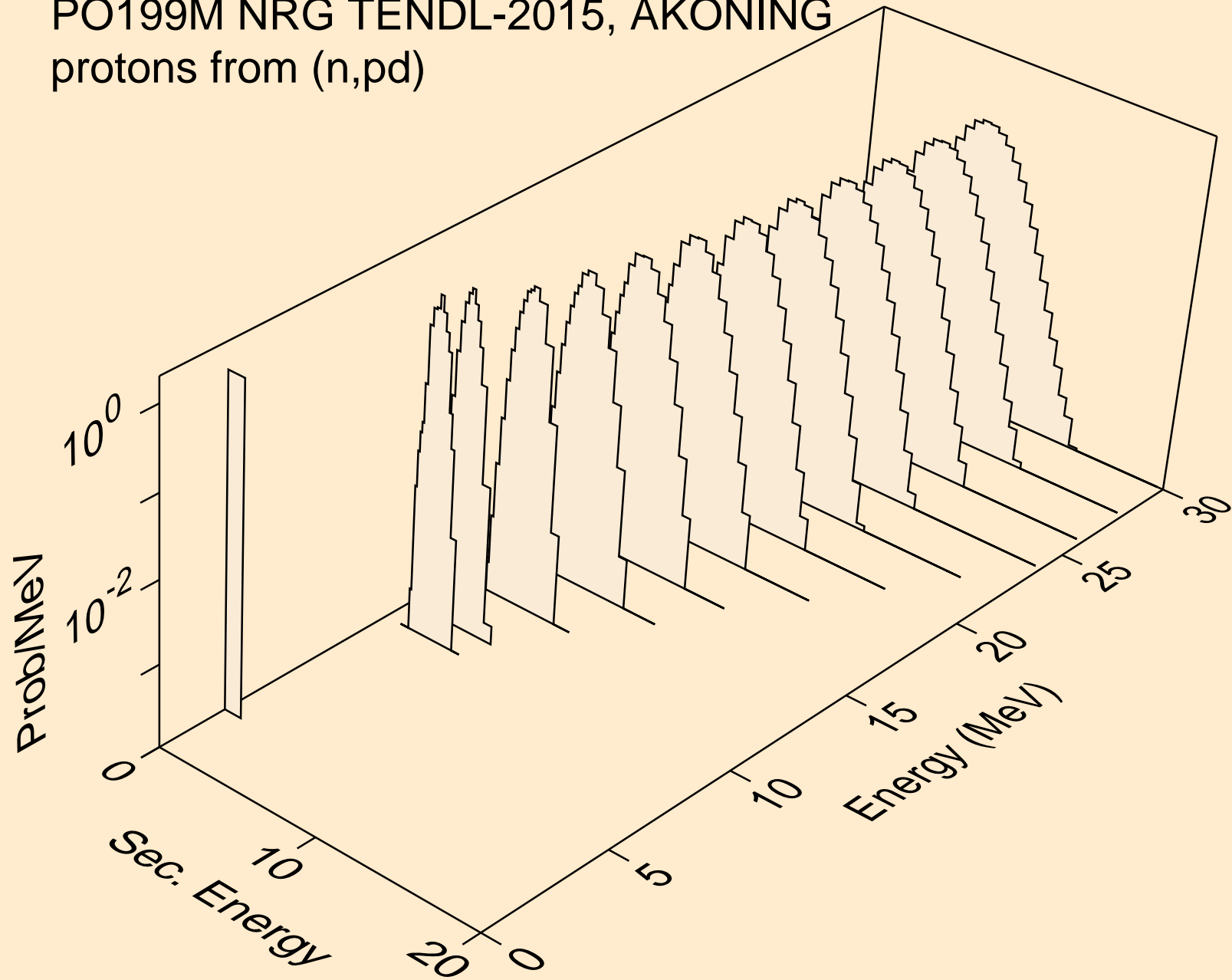




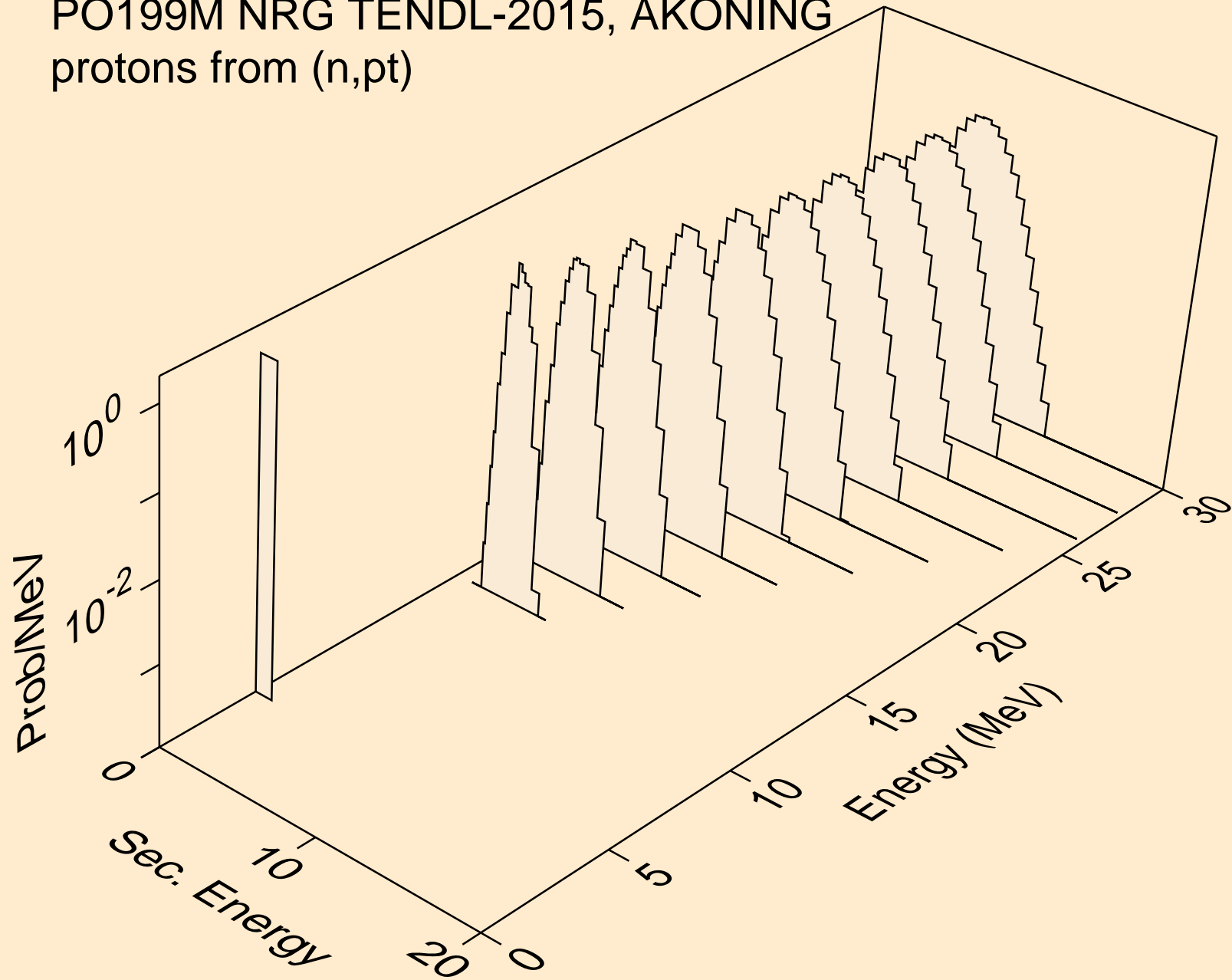
PO199M NRG TENDL-2015, AKONING  
protons from (n,pa)



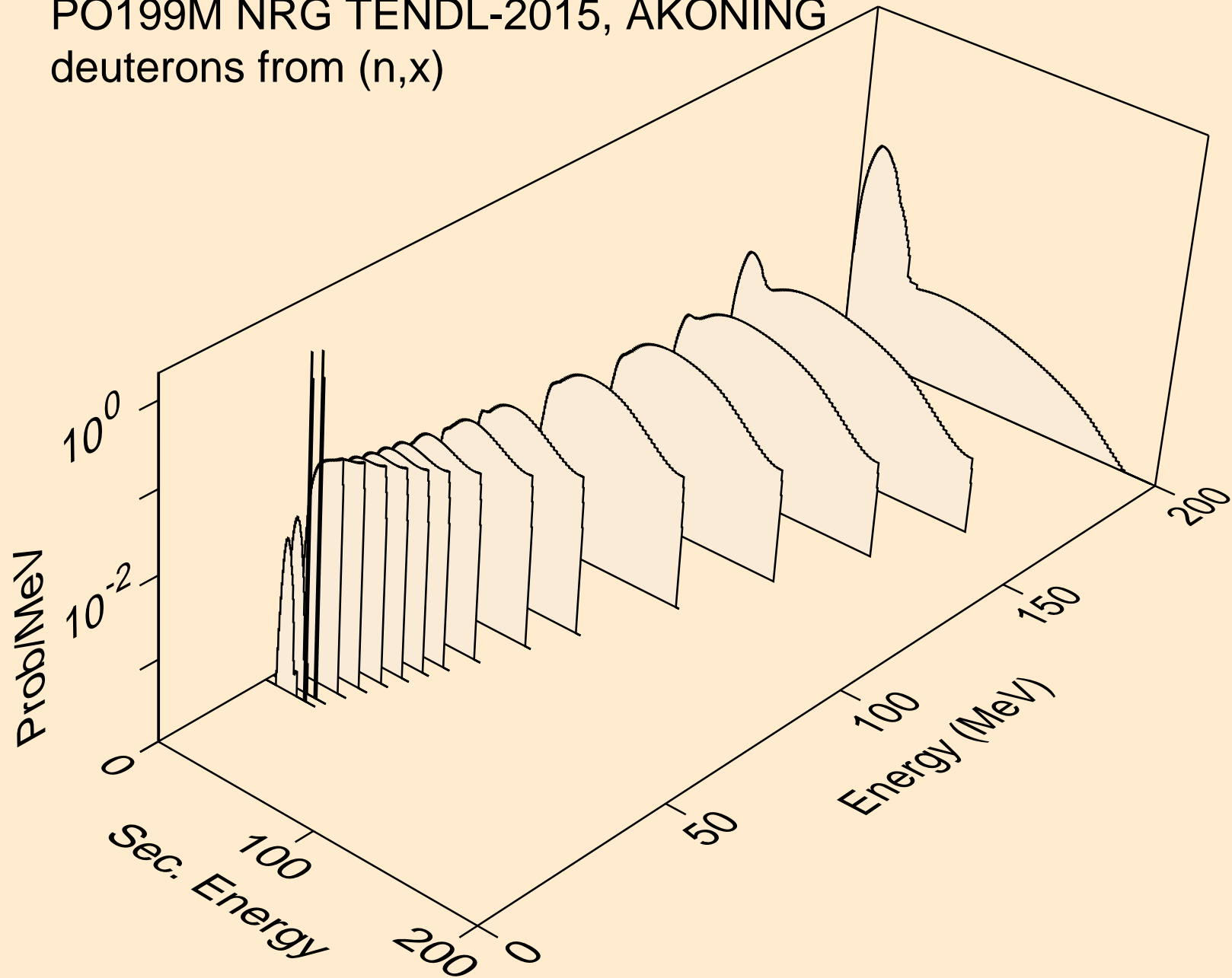
PO199M NRG TENDL-2015, AKONING  
protons from (n,pd)



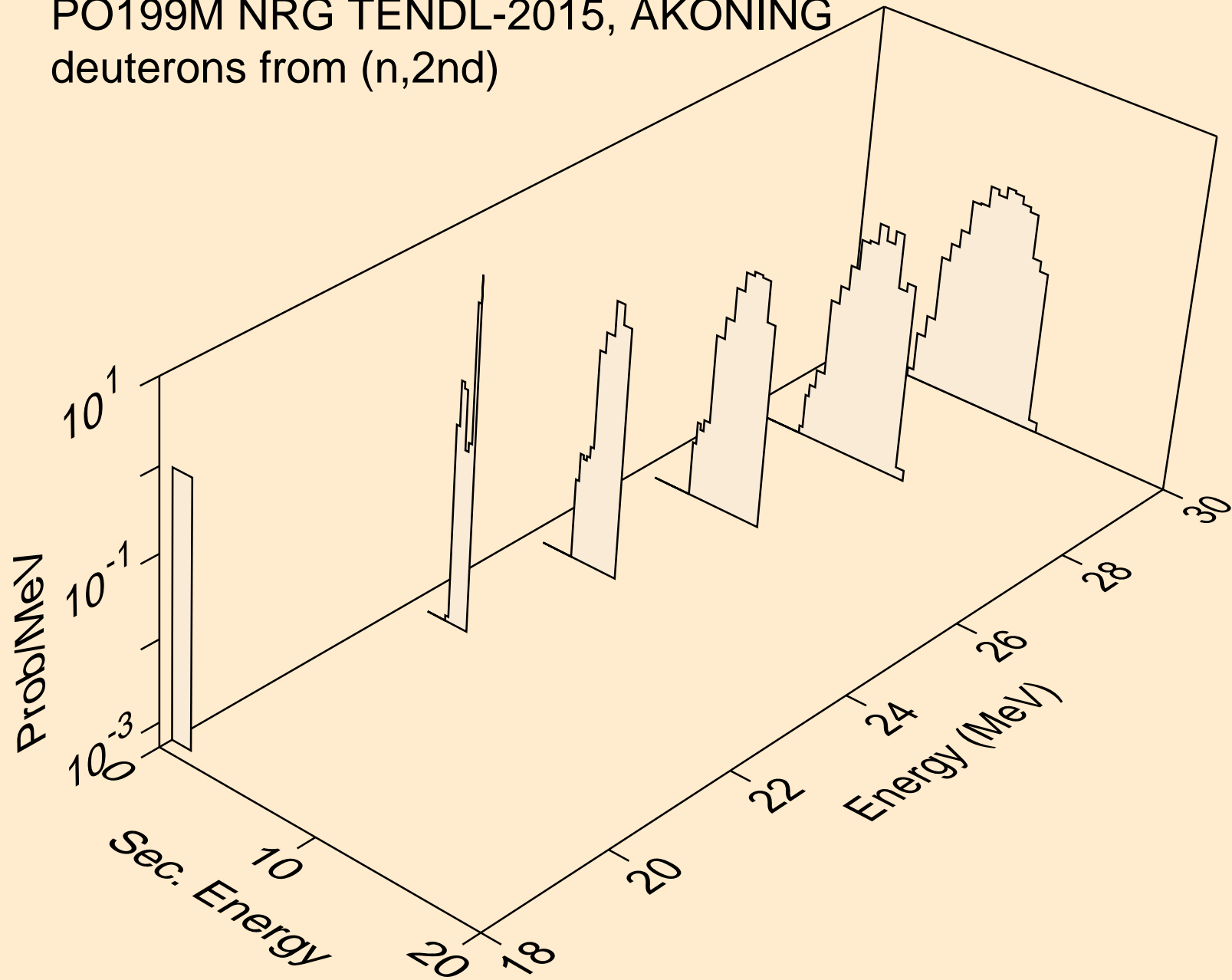
PO199M NRG TENDL-2015, AKONING  
protons from (n,pt)



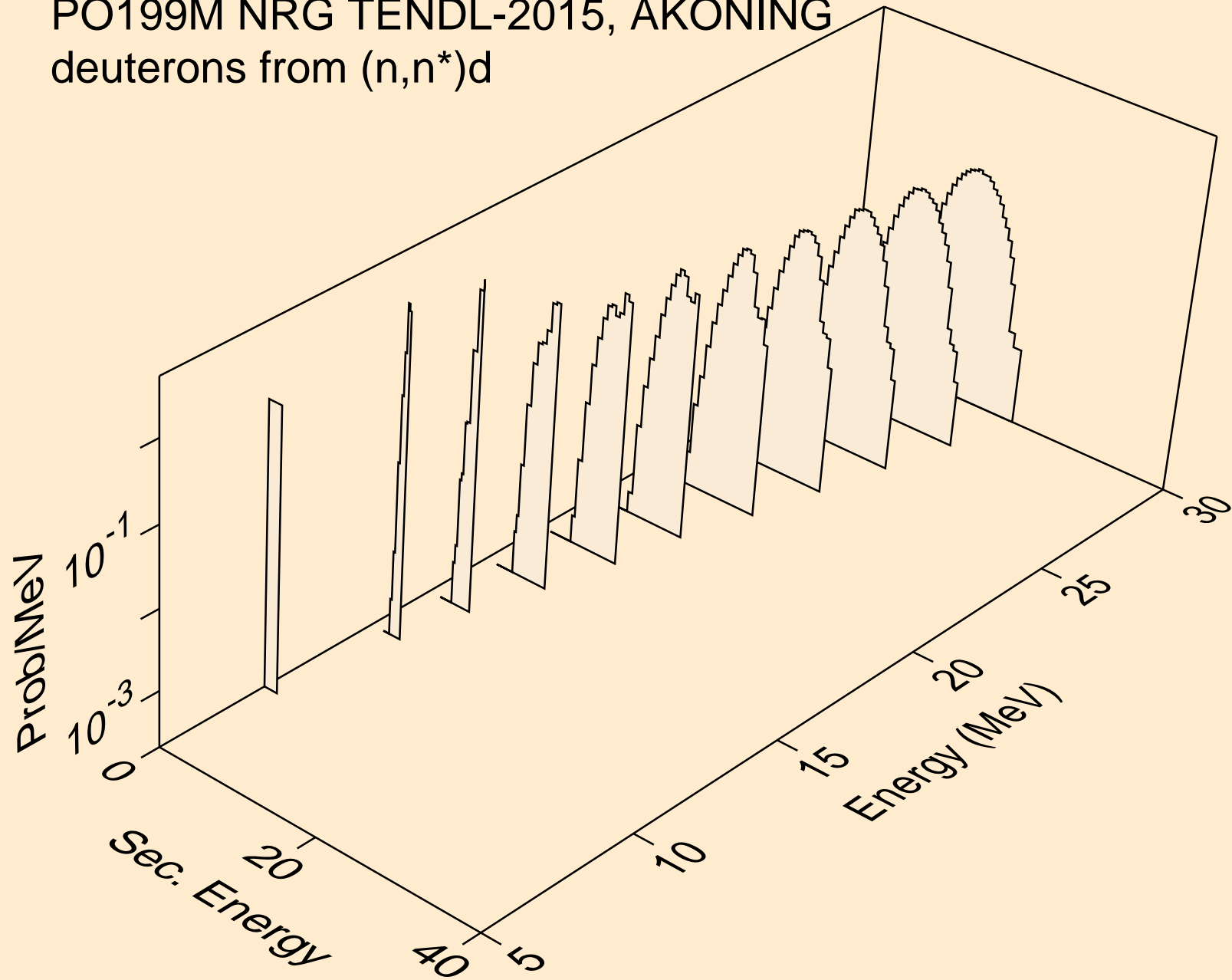
PO199M NRG TENDL-2015, AKONING  
deuterons from (n,x)



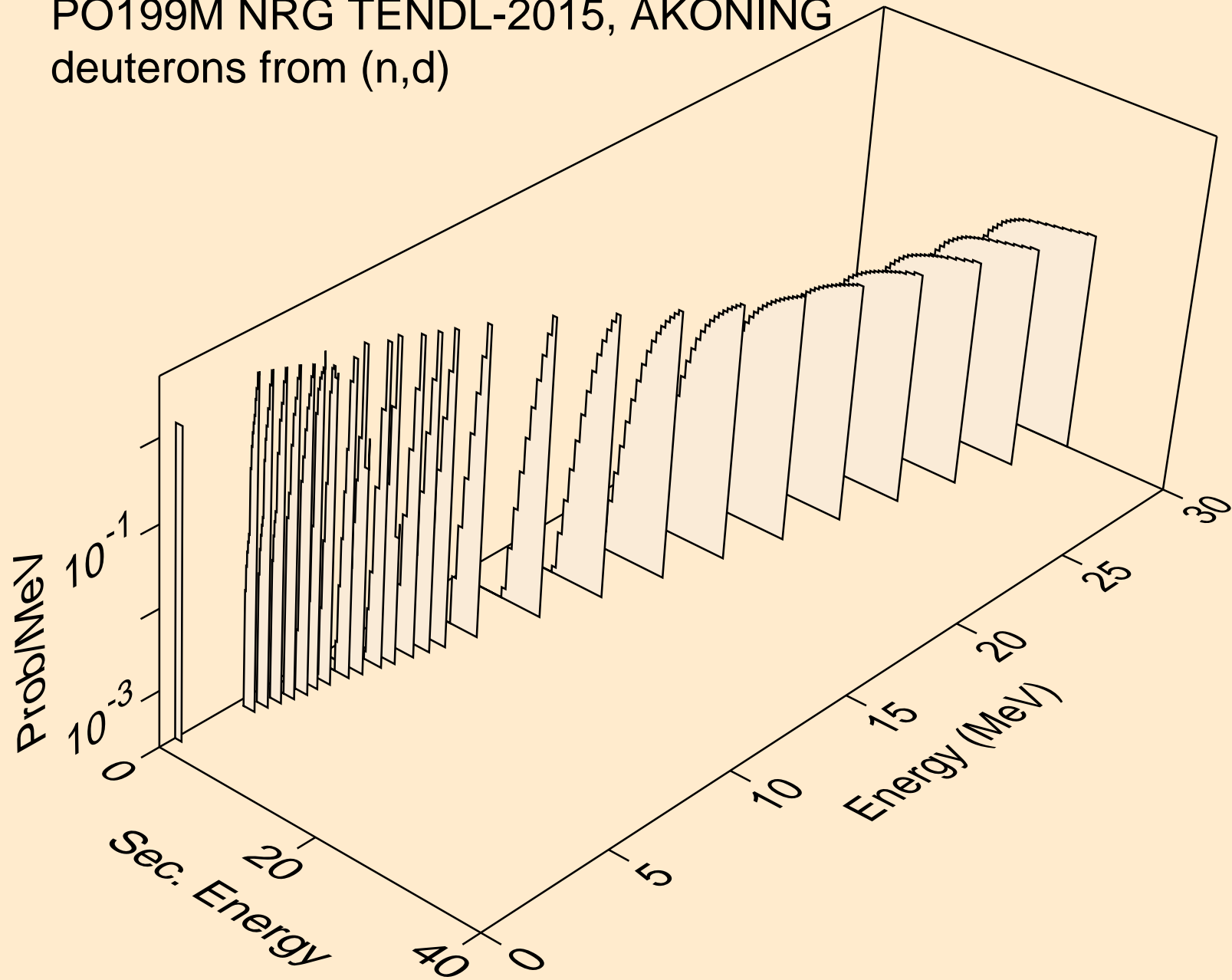
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deuterons from (n,2nd)



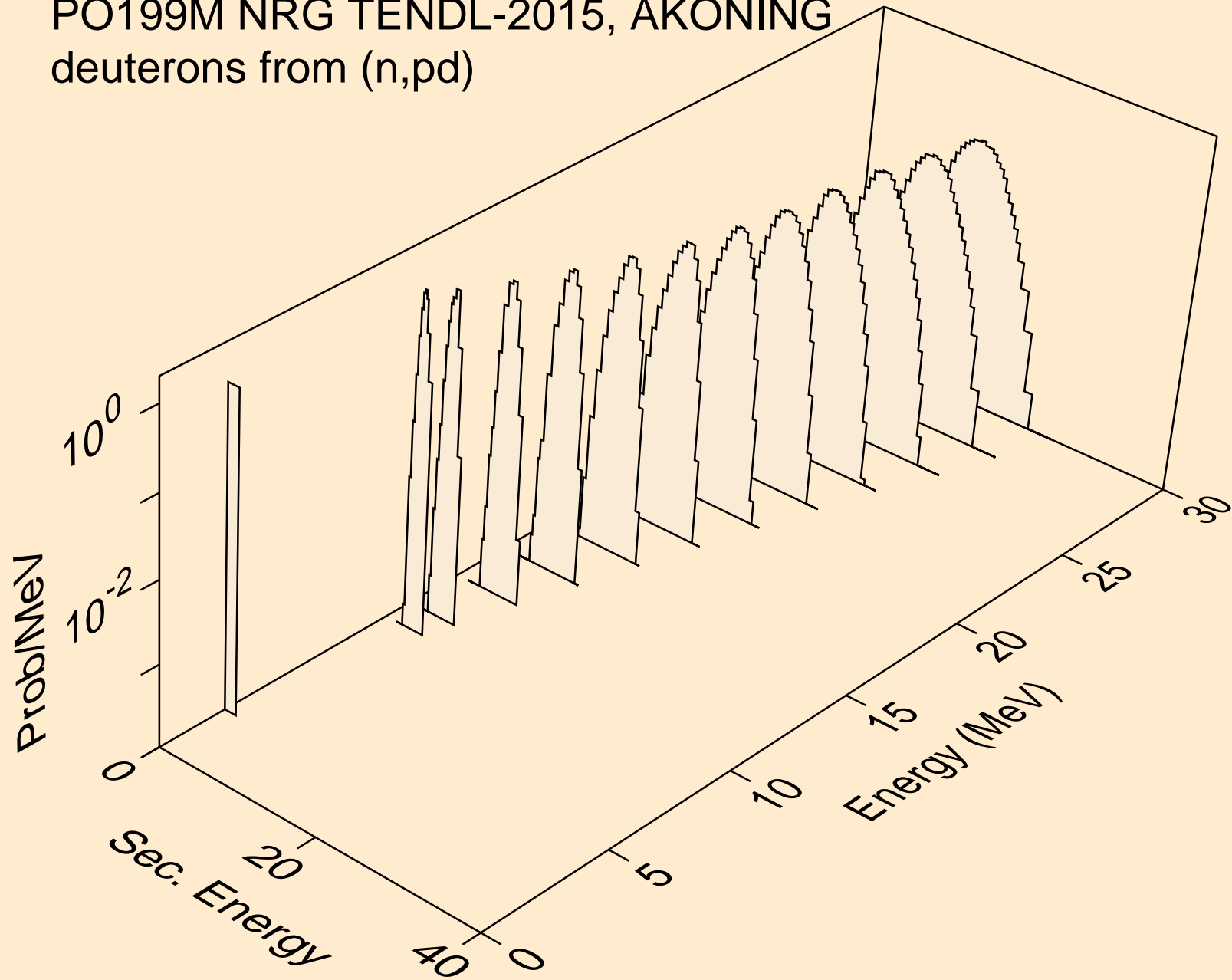
PO199M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



PO199M NRG TENDL-2015, AKONING  
deuterons from (n,d)

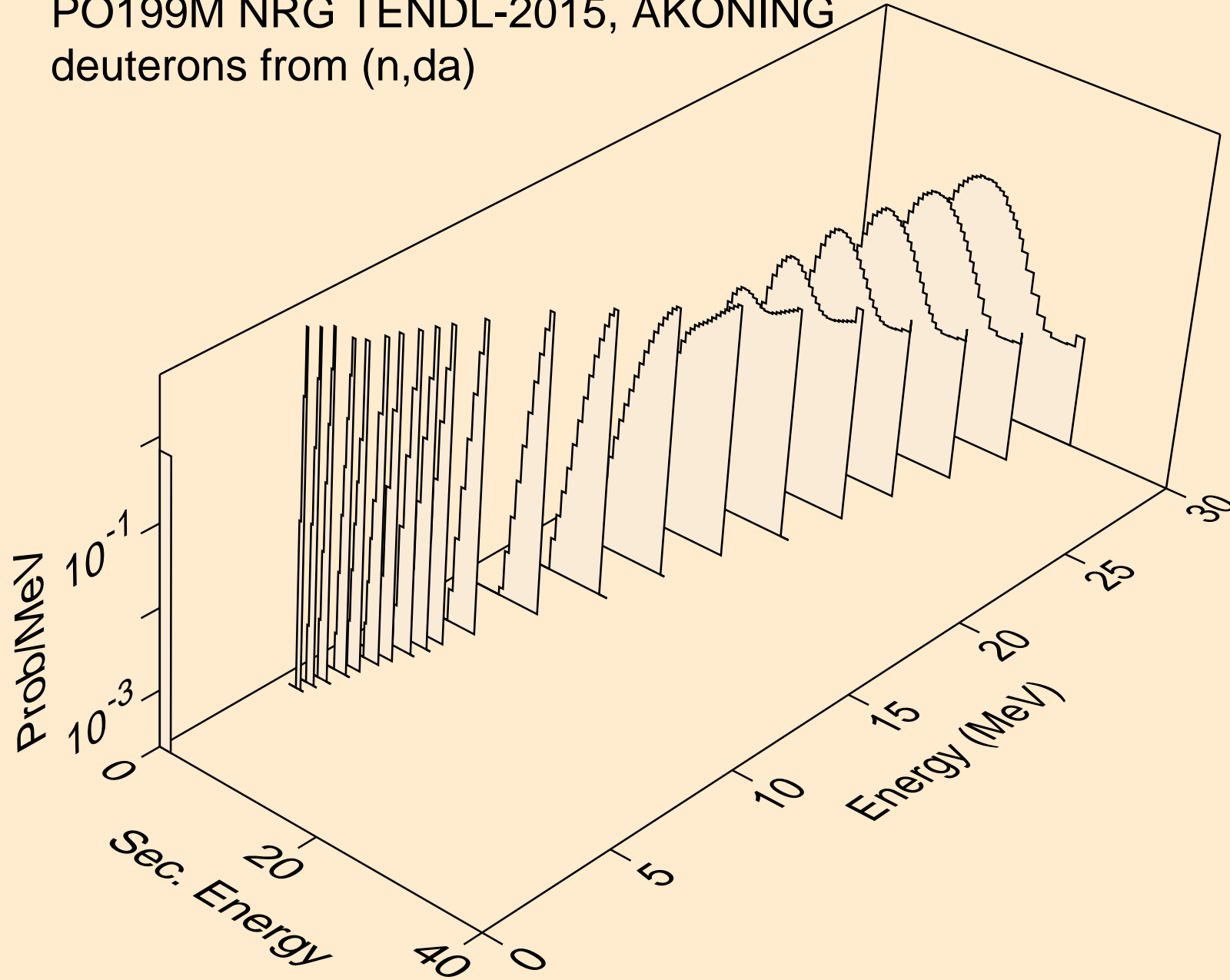


PO199M NRG TENDL-2015, AKONING  
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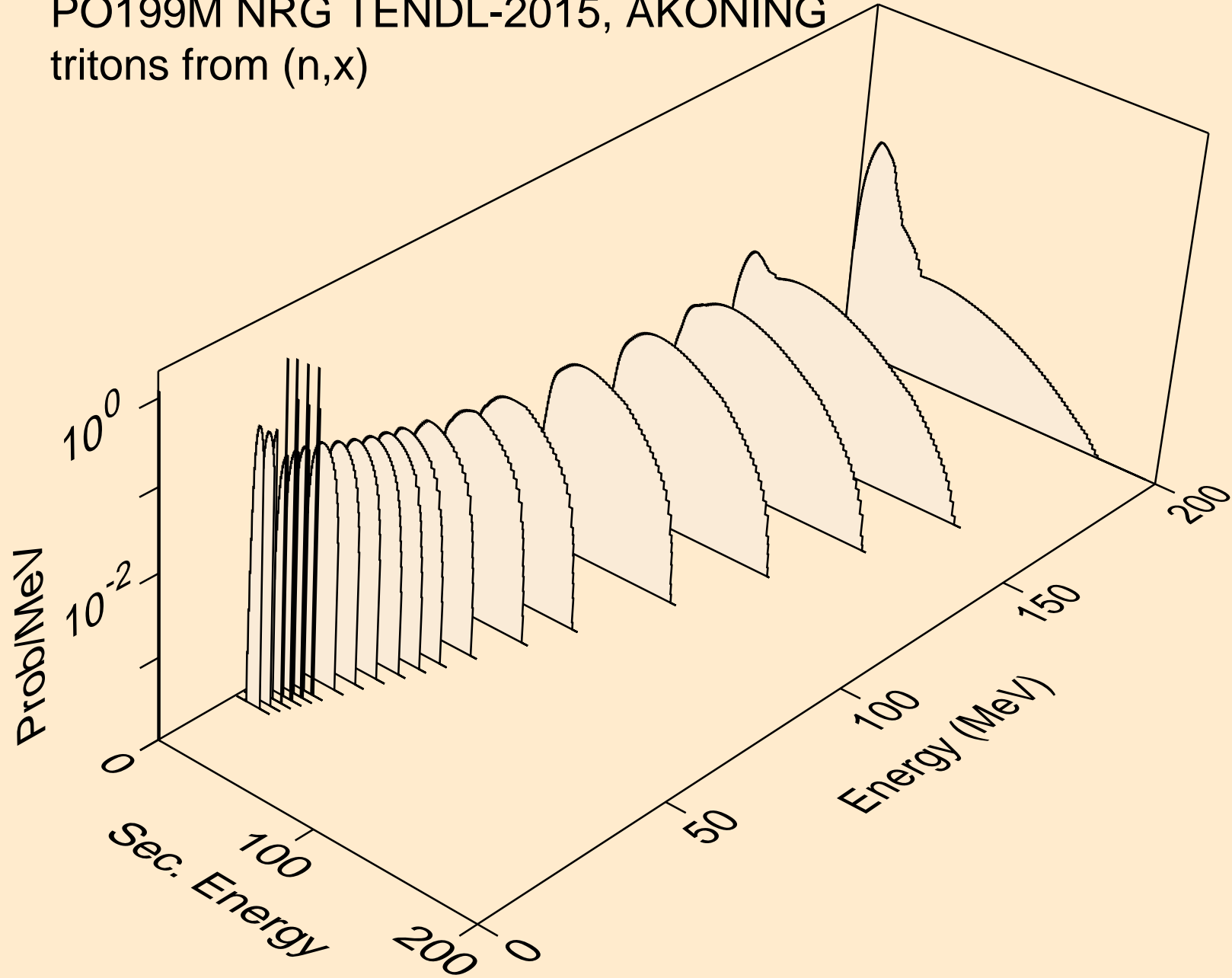




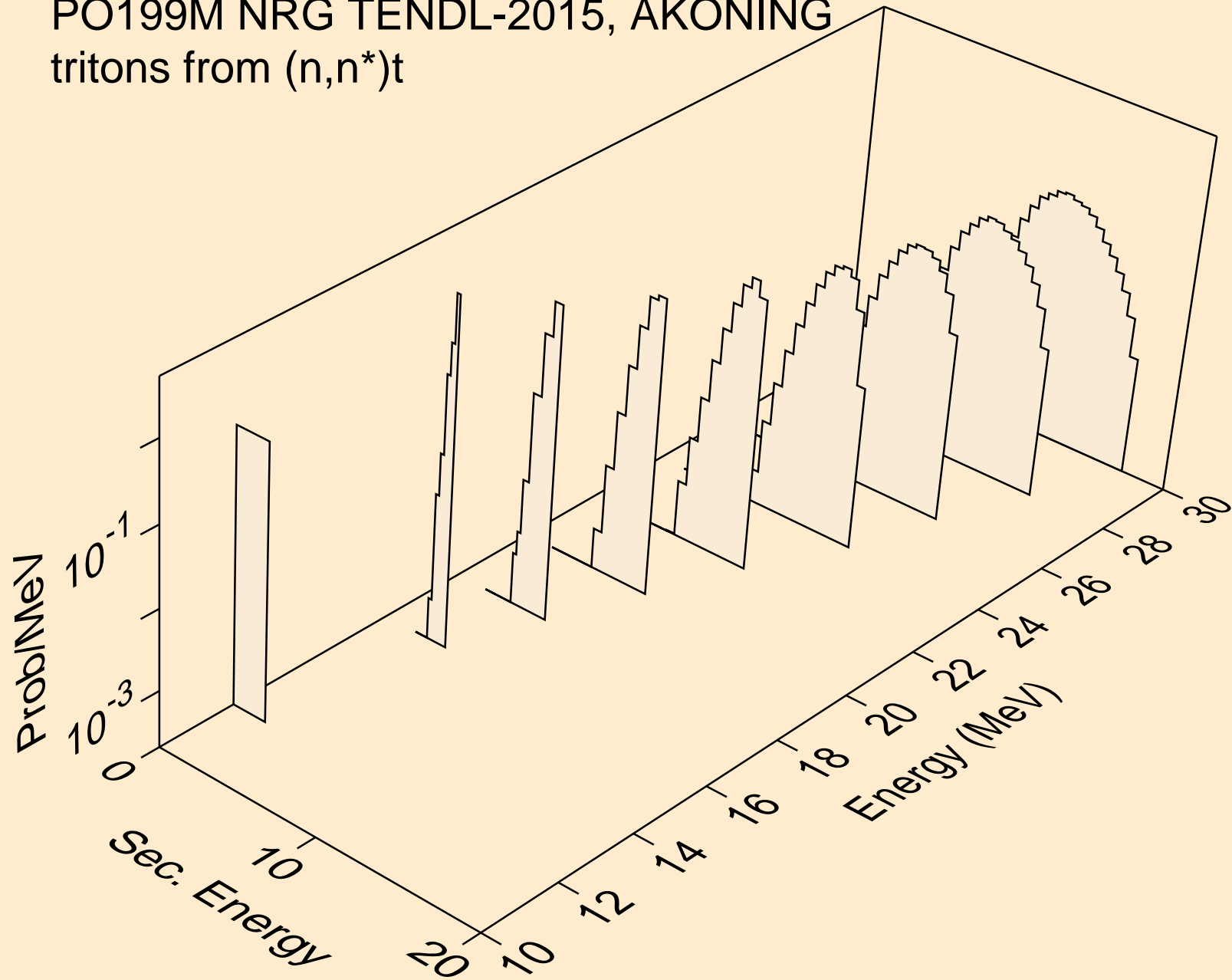
PO199M NRG TENDL-2015, AKONING  
deuterons from (n,da)



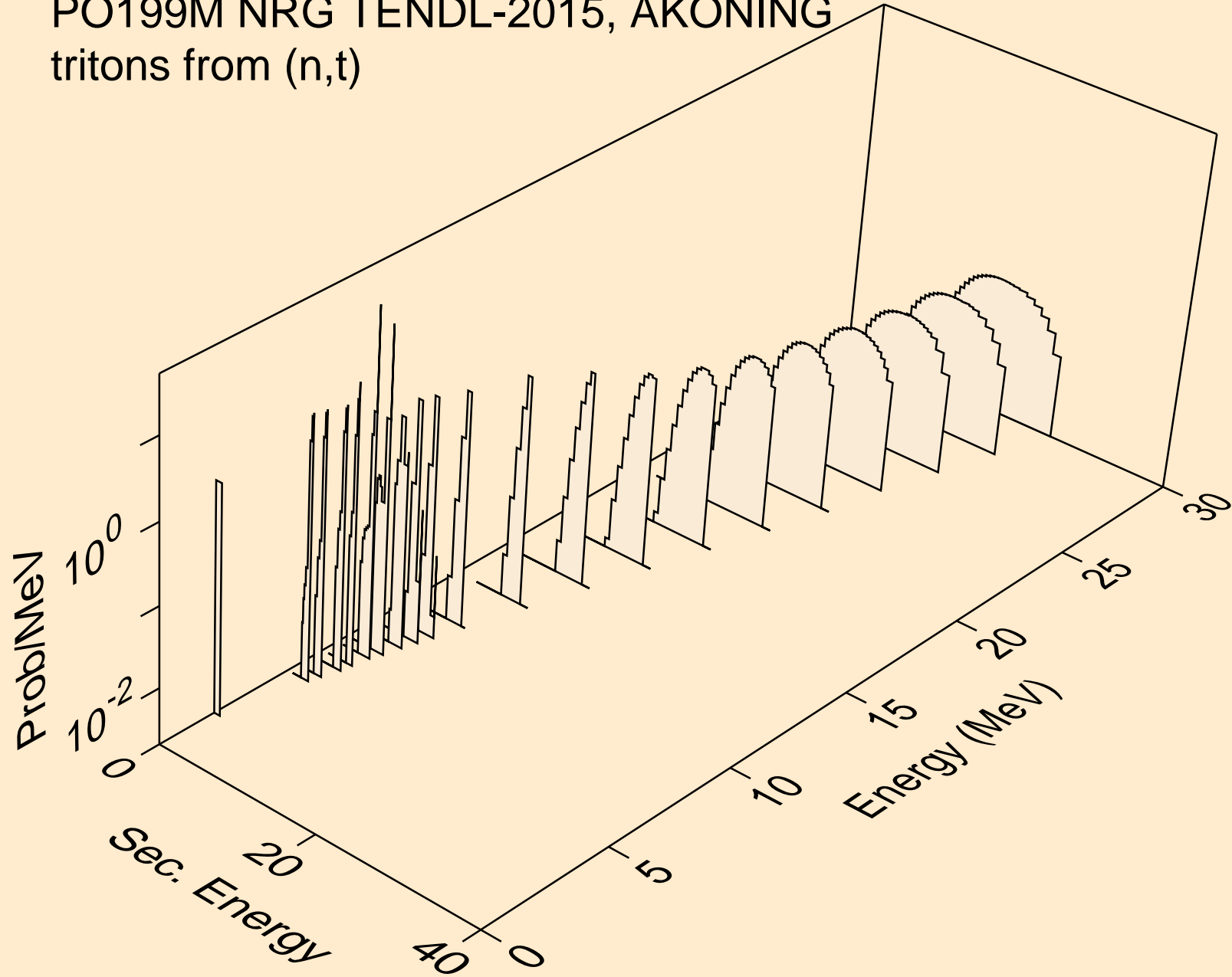
PO199M NRG TENDL-2015, AKONING  
tritons from (n,x)



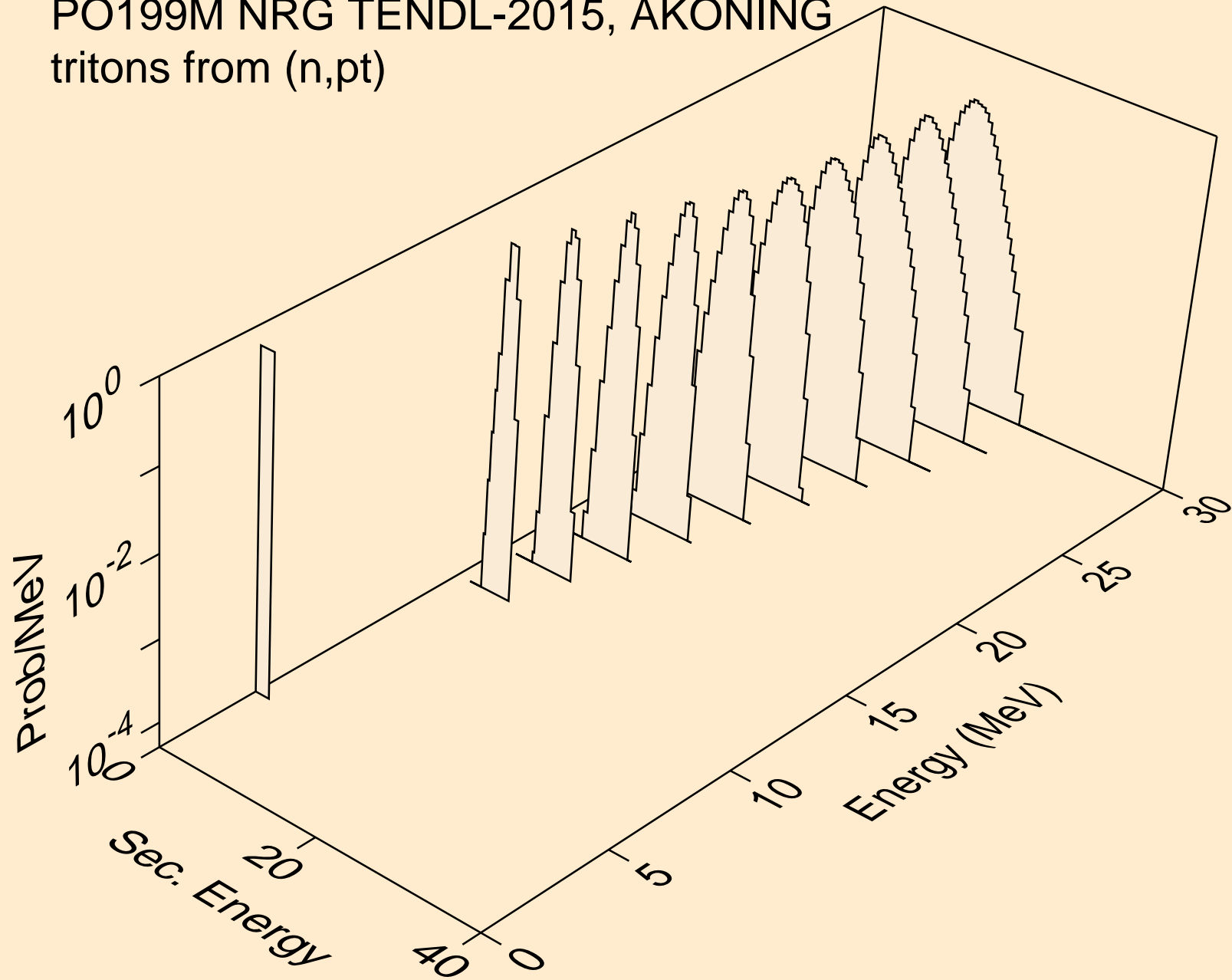
PO199M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



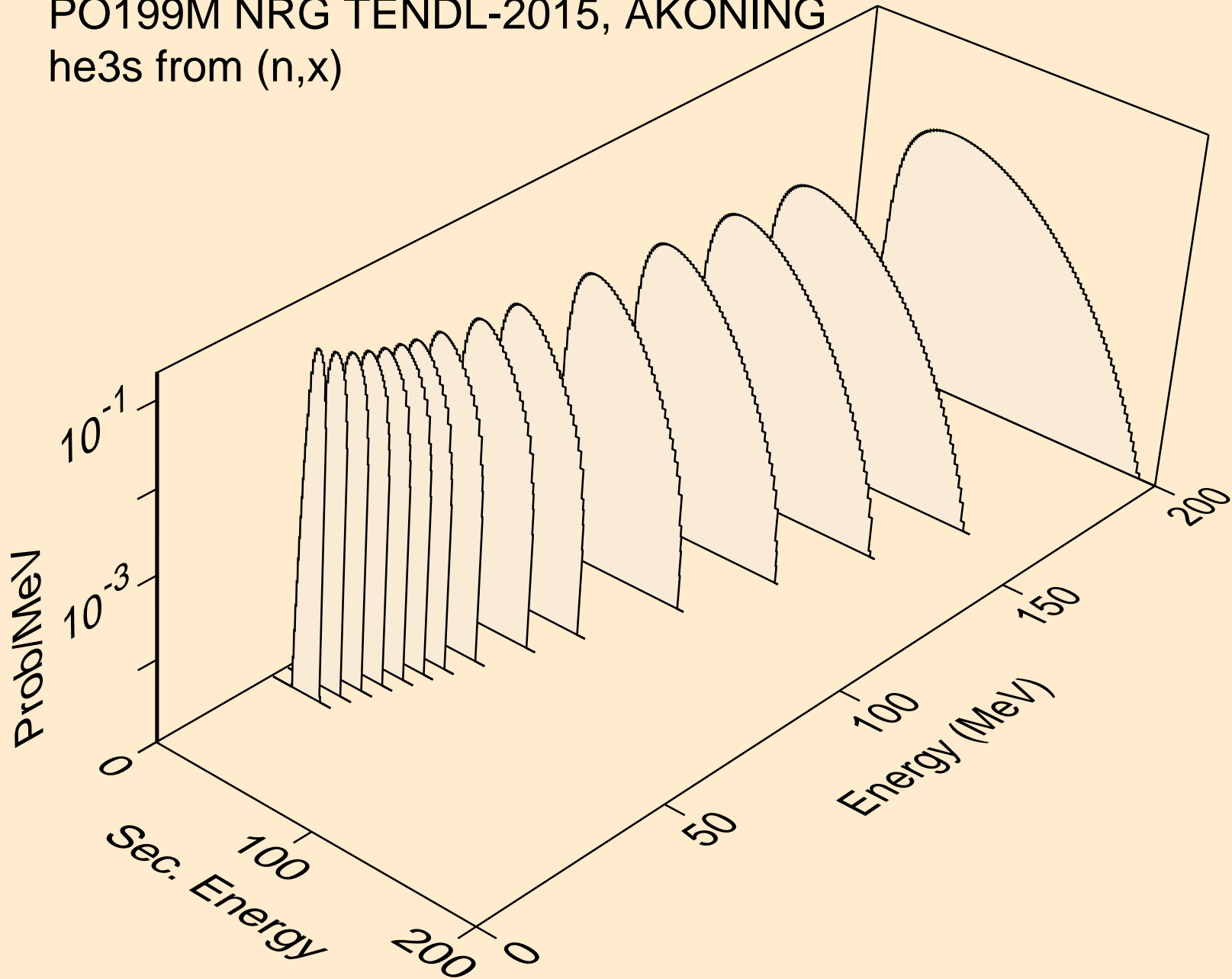
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tritons from (n,t)



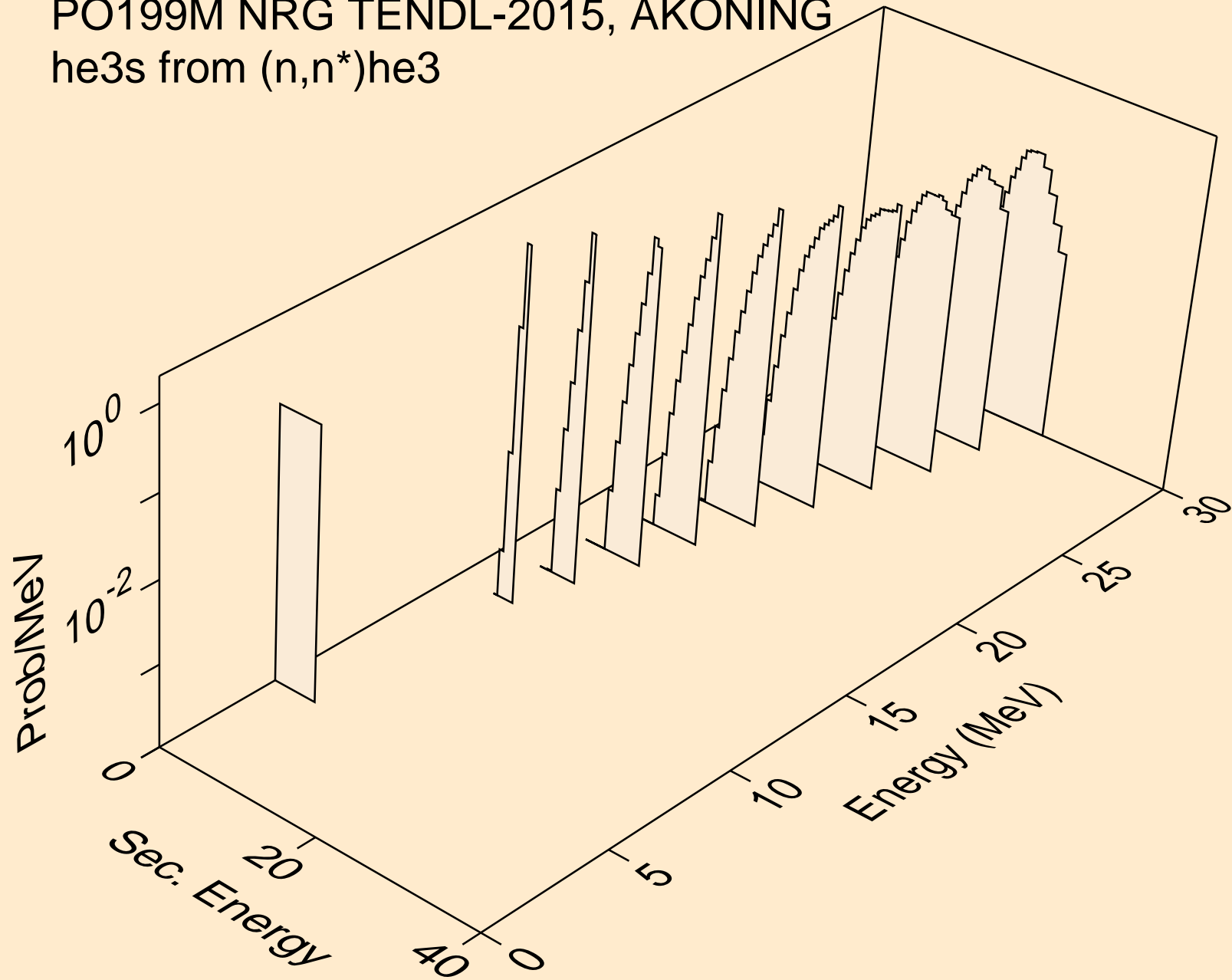
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tritons from (n,pt)



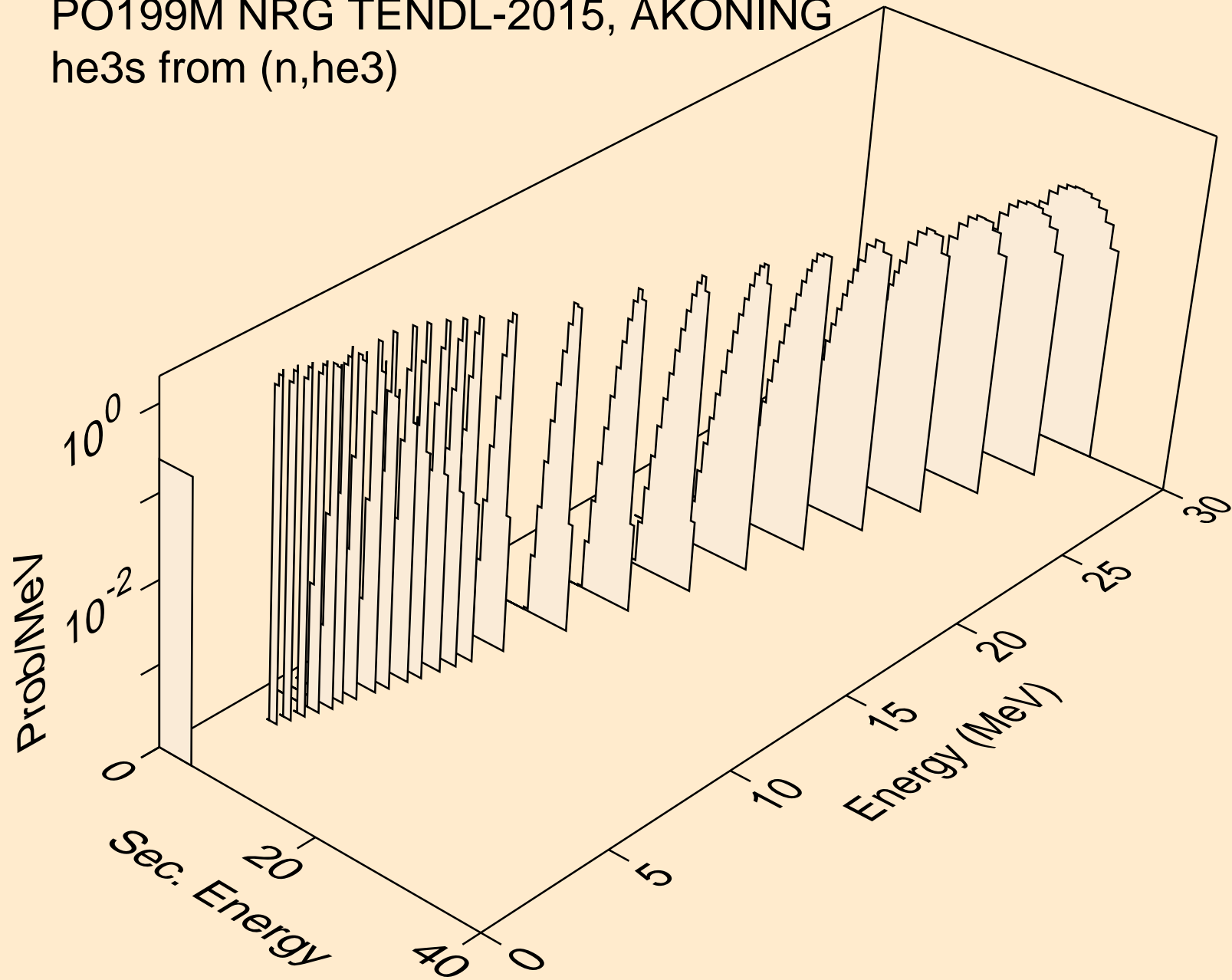
PO199M NRG TENDL-2015, AKONING  
he3s from (n,x)



PO199M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

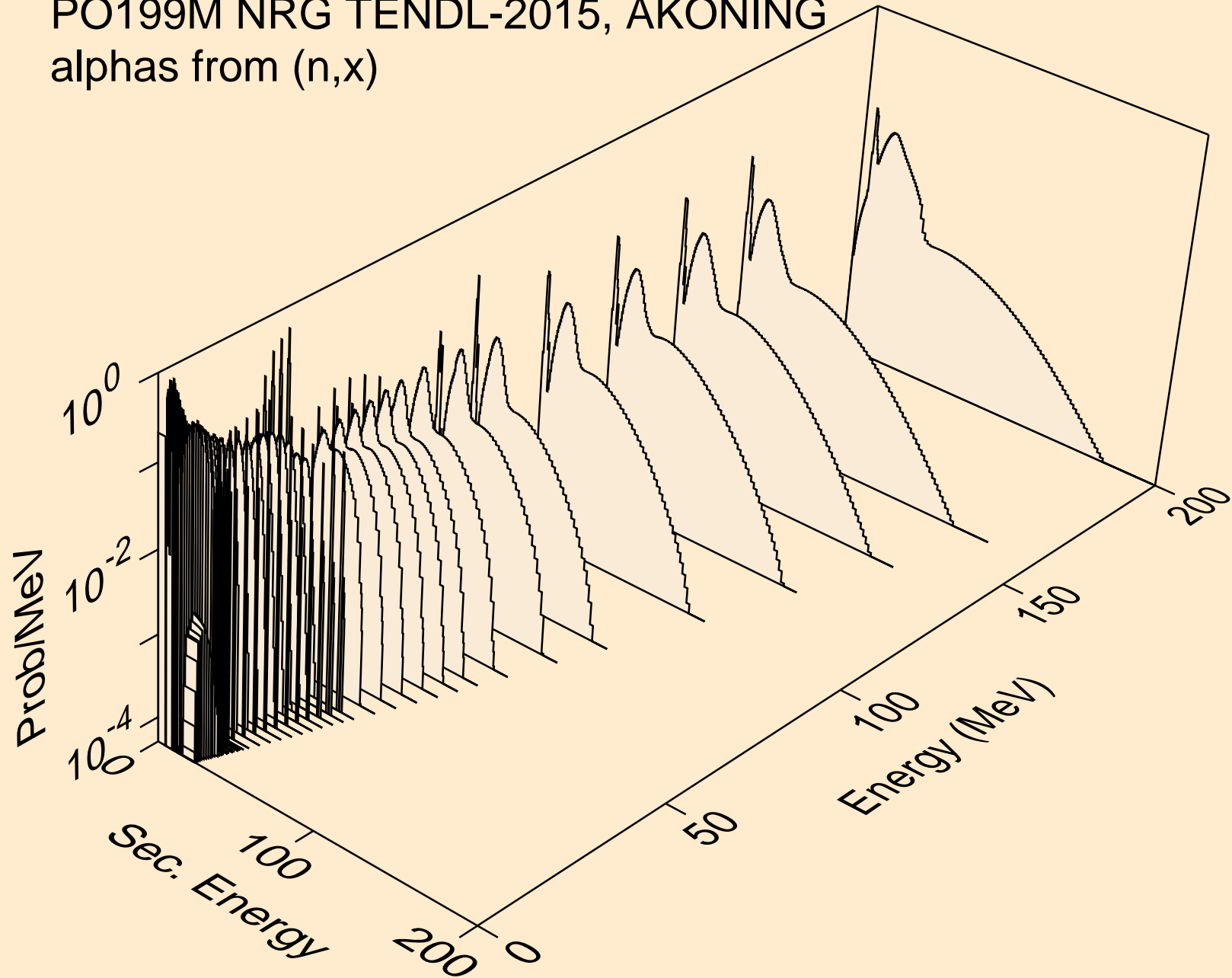


PO199M NRG TENDL-2015, AKONING  
he3s from (n,he3)

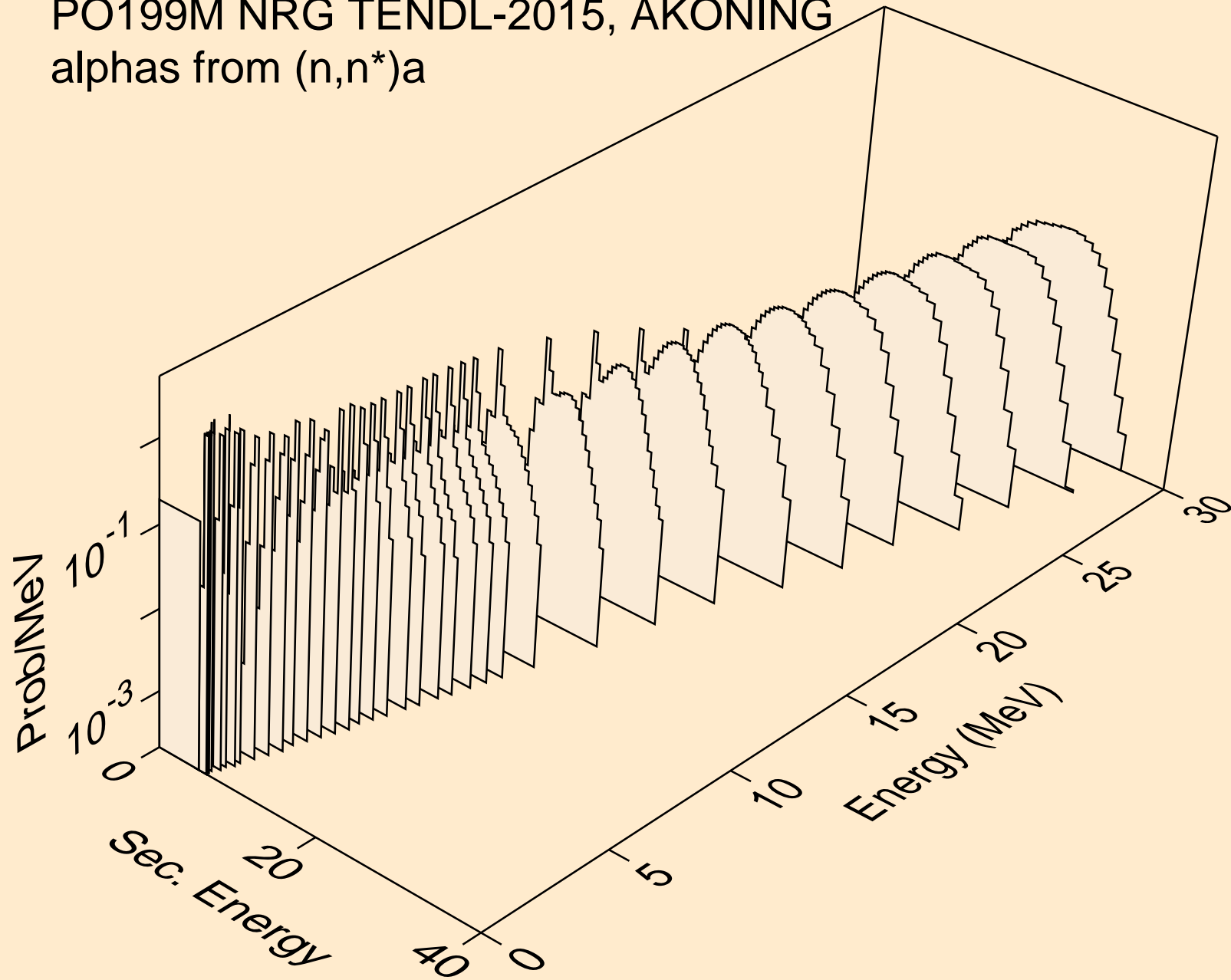




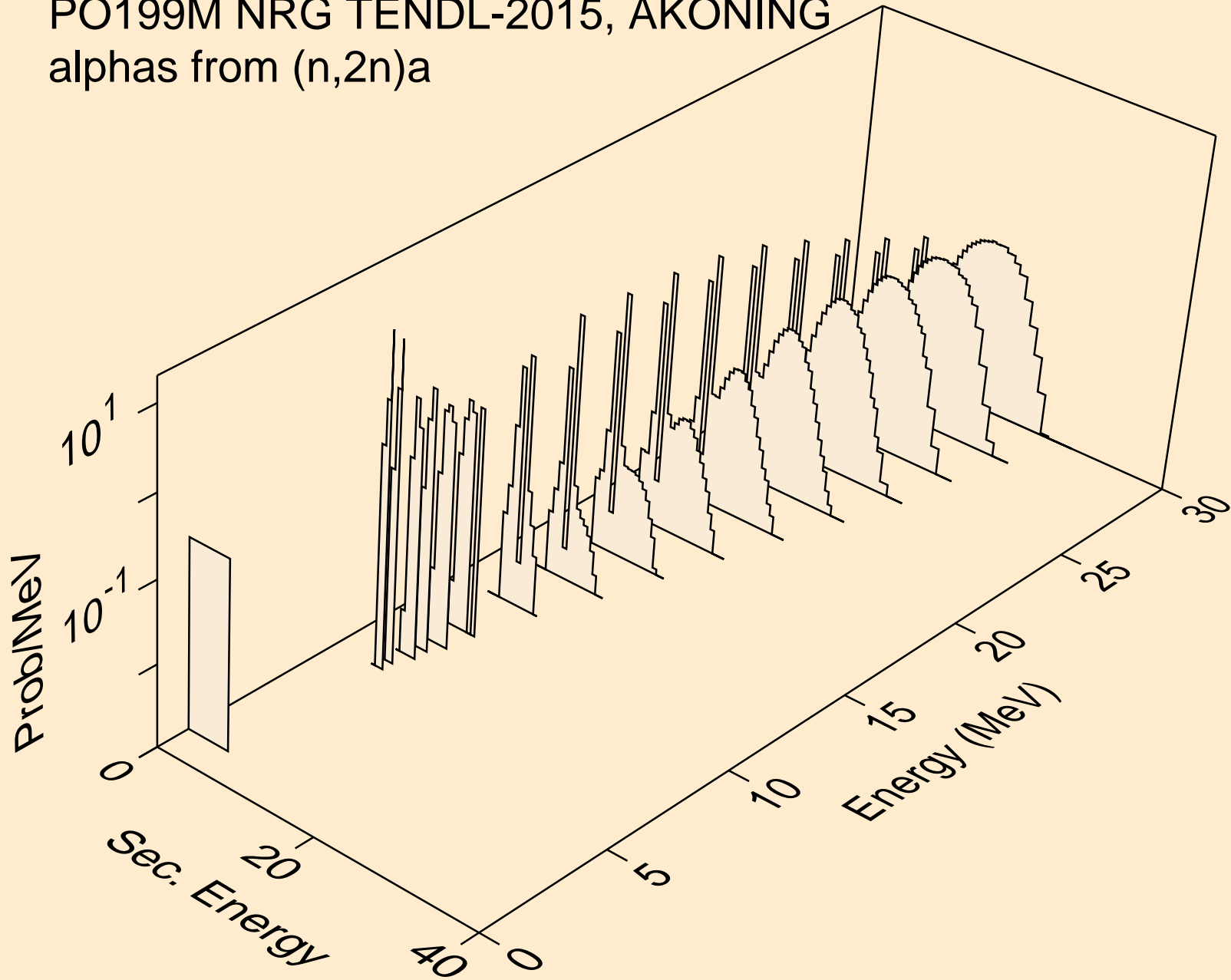
PO199M NRG TENDL-2015, AKONING  
alphas from (n,x)



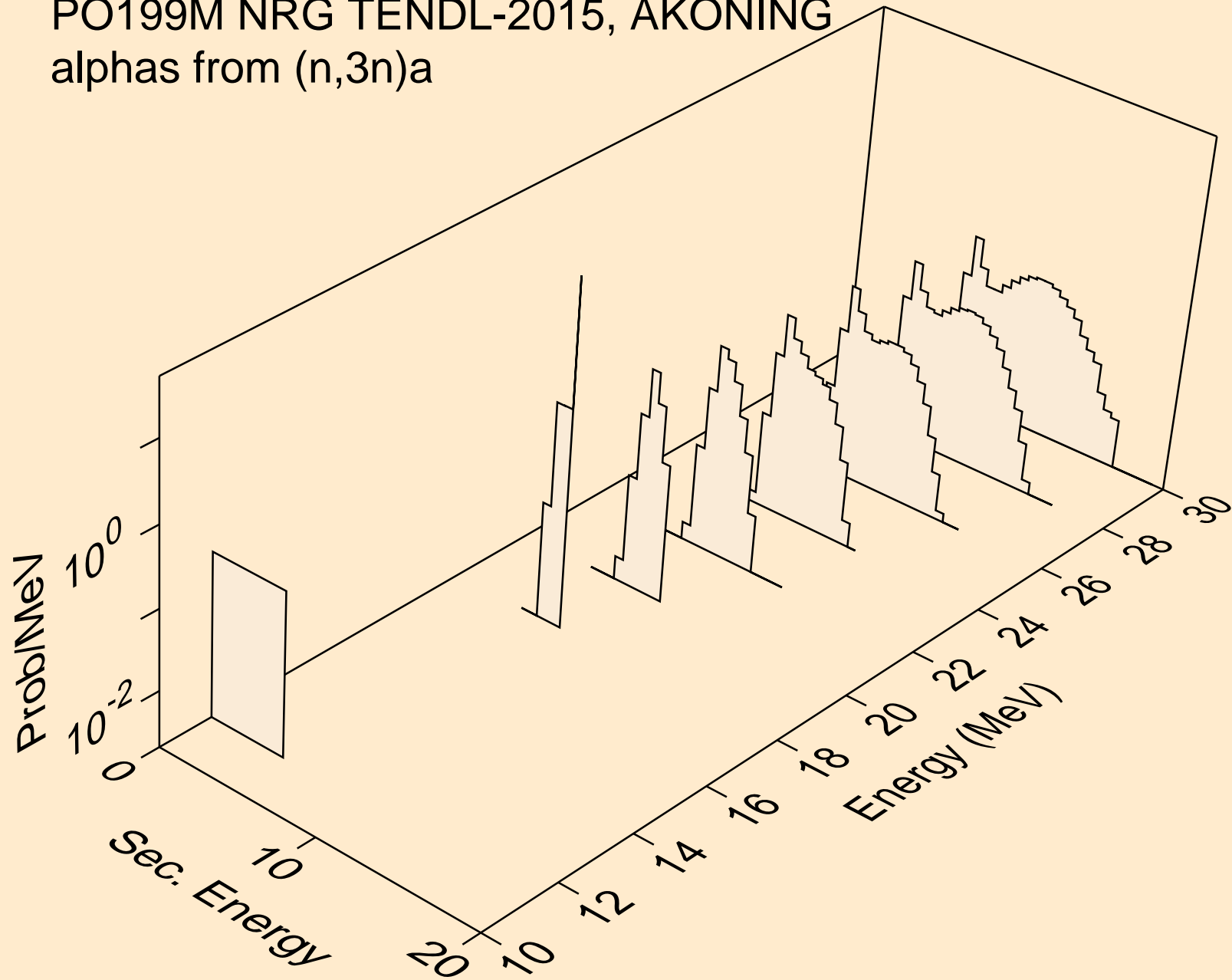
PO199M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



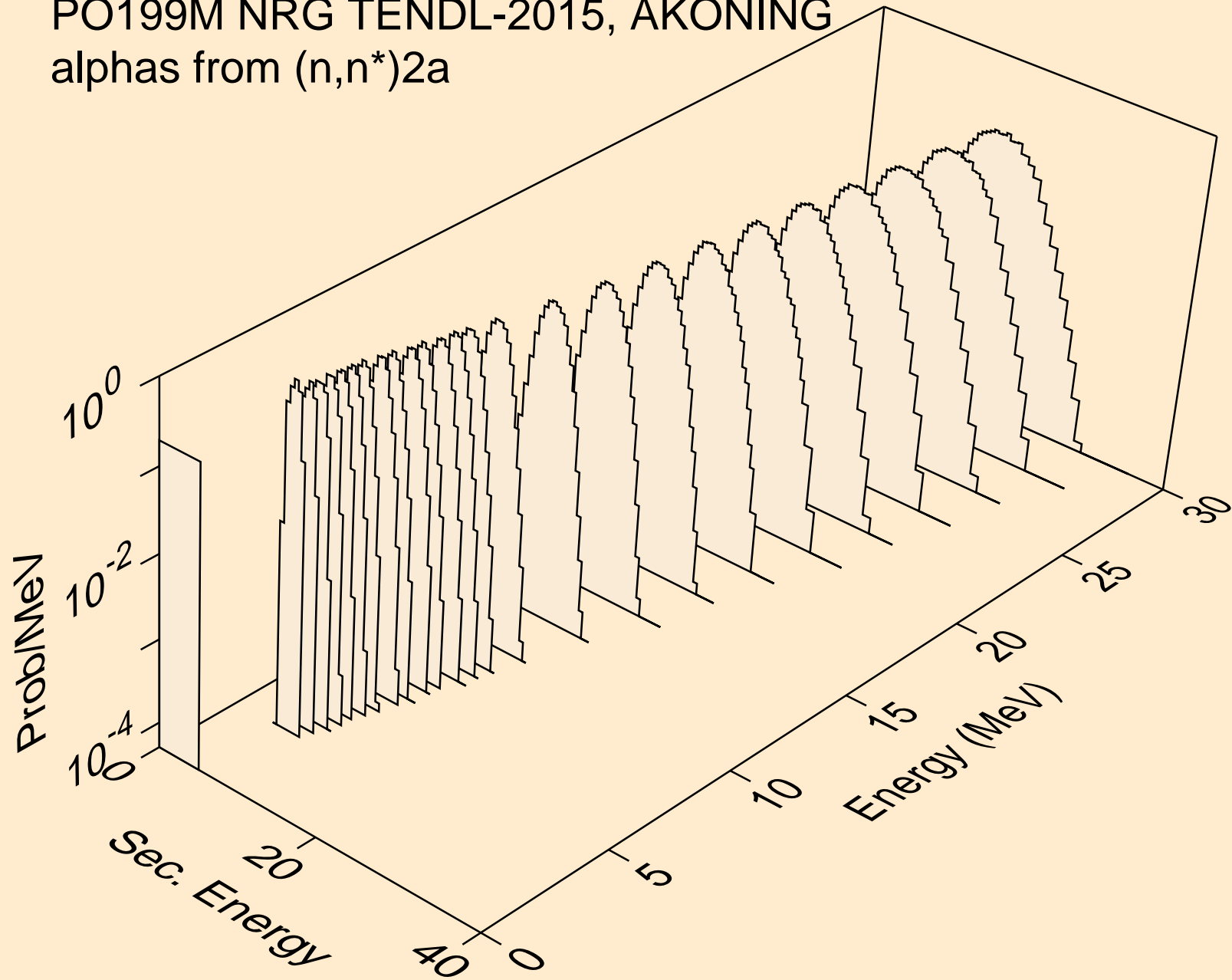
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alphas from (n,2n)a



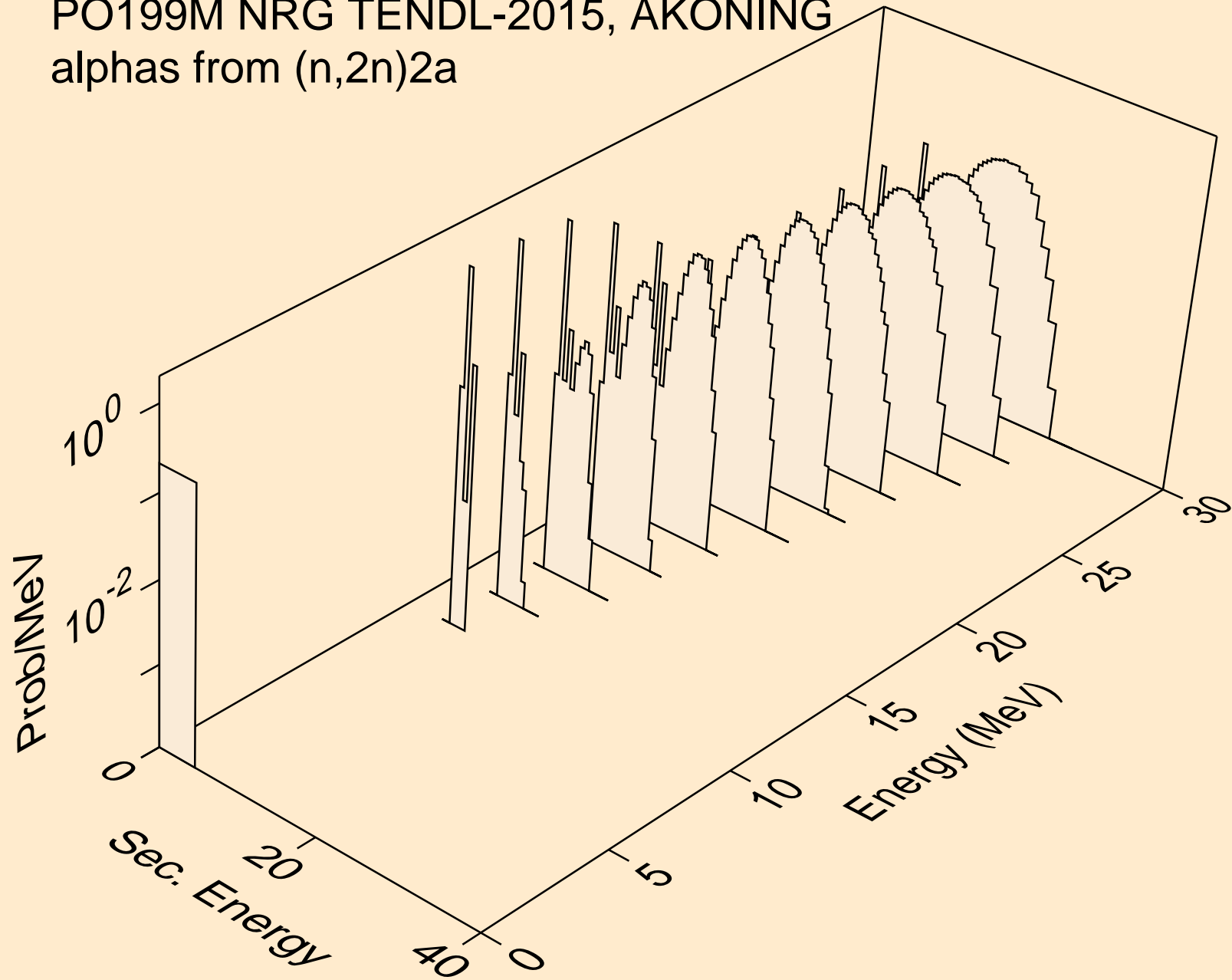
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alphas from (n,3n)a



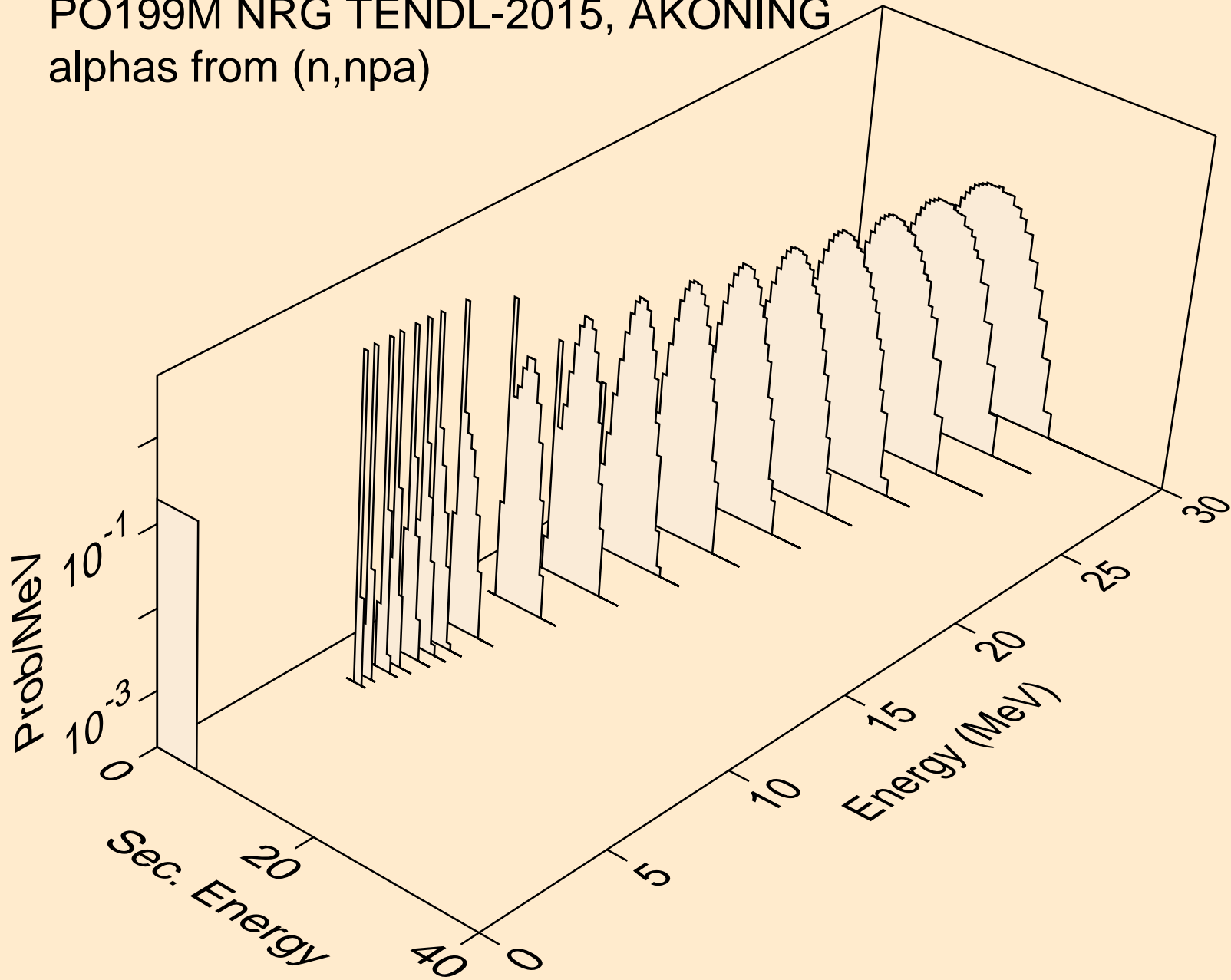
PO199M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



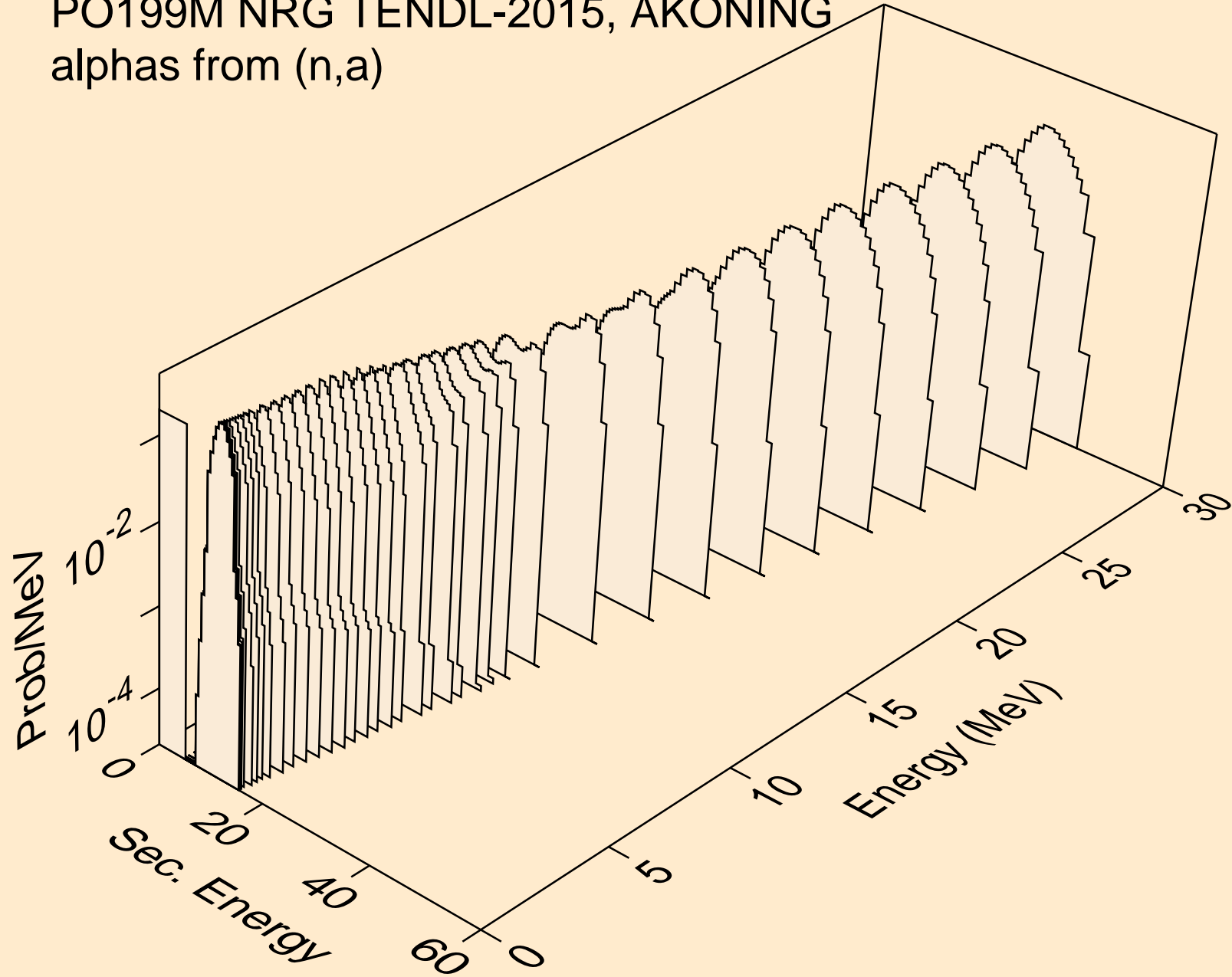
PO199M NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



PO199M NRG TENDL-2015, AKONING  
alphas from (n,npa)

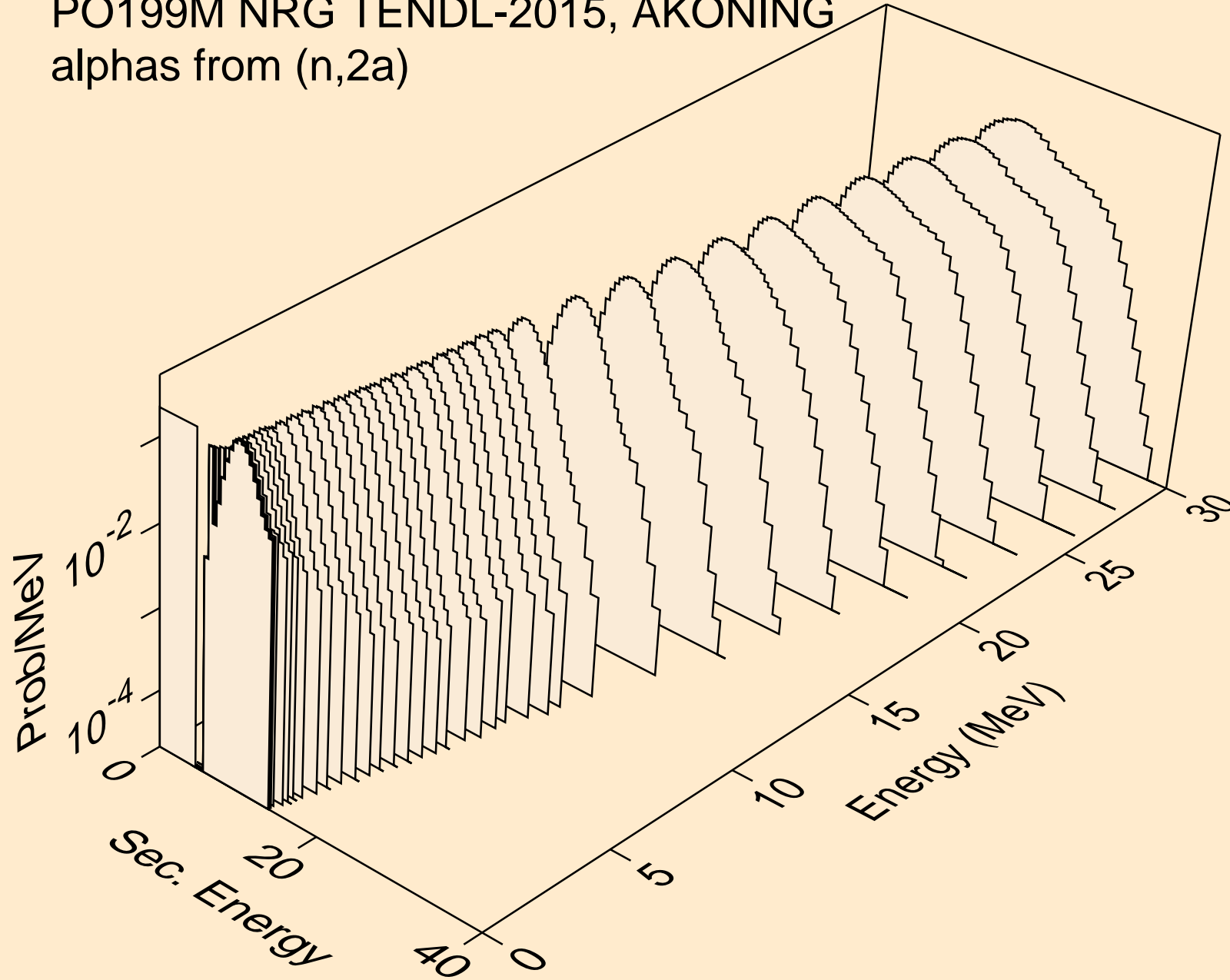


PO199M NRG TENDL-2015, AKONING  
alphas from (n,a)

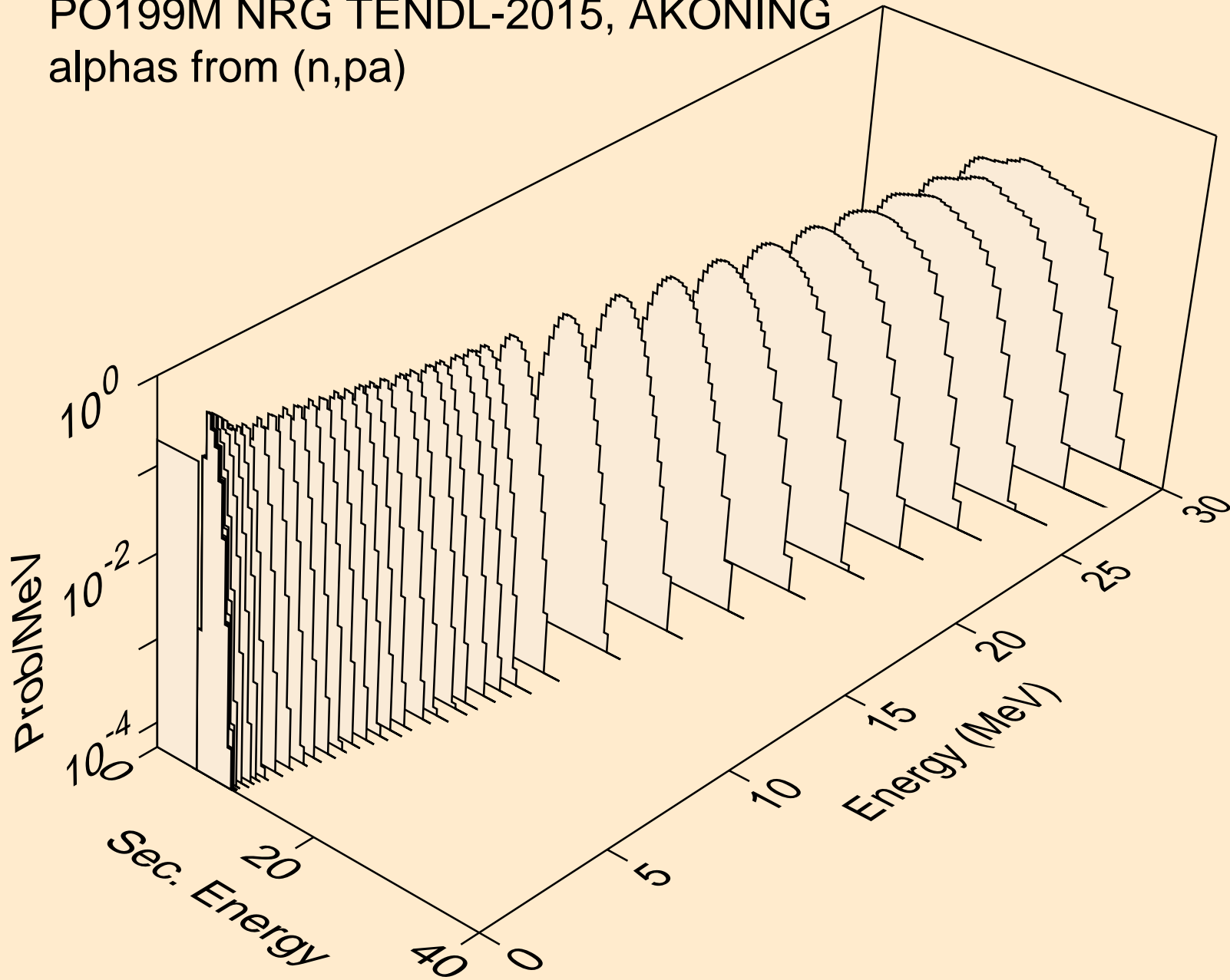




PO199M NRG TENDL-2015, AKONING  
alphas from (n,2a)



PO199M NRG TENDL-2015, AKONING  
alphas from (n,pa)



PO199M NRG TENDL-2015, AKONING  
alphas from (n,da)

