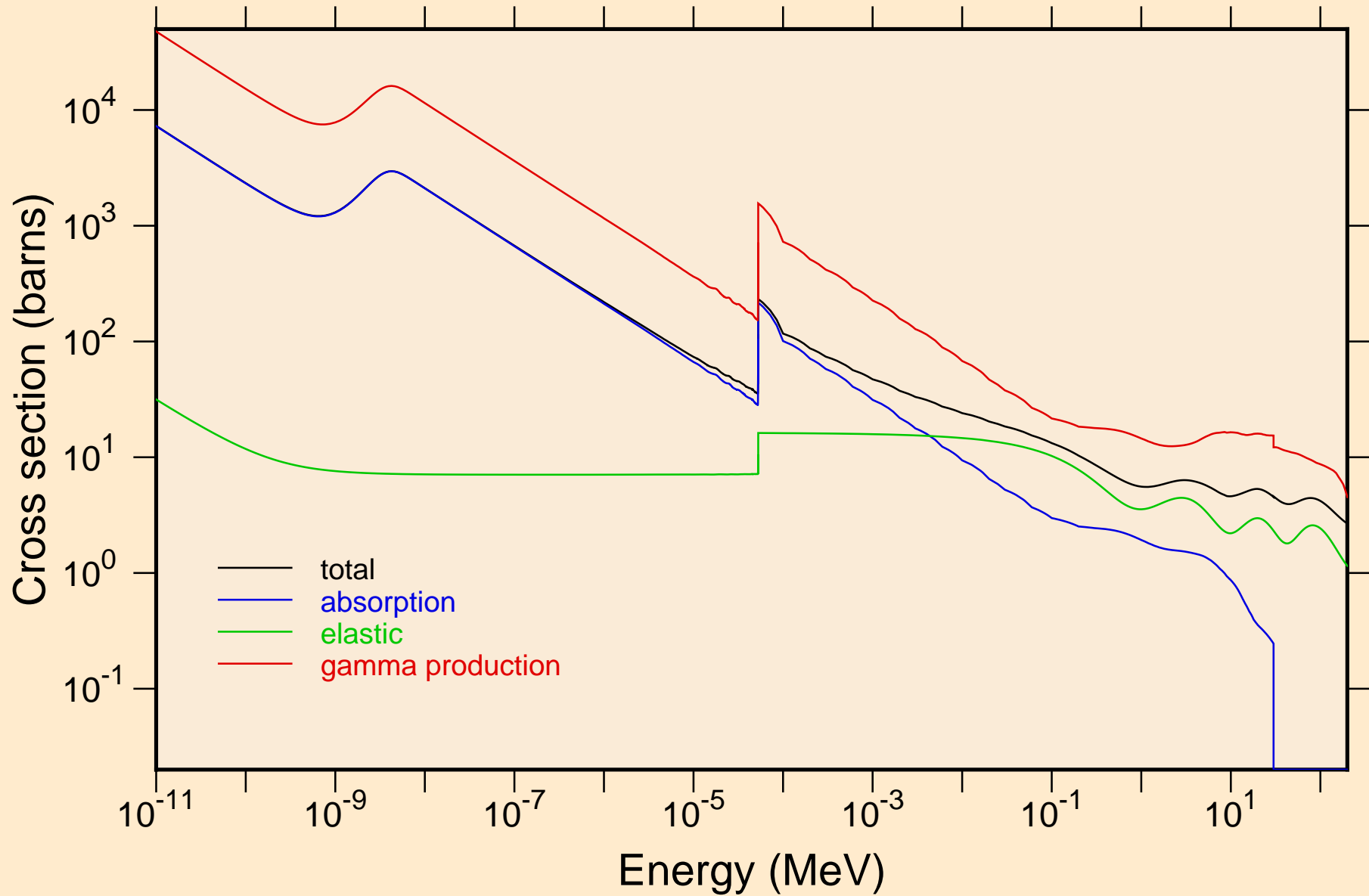


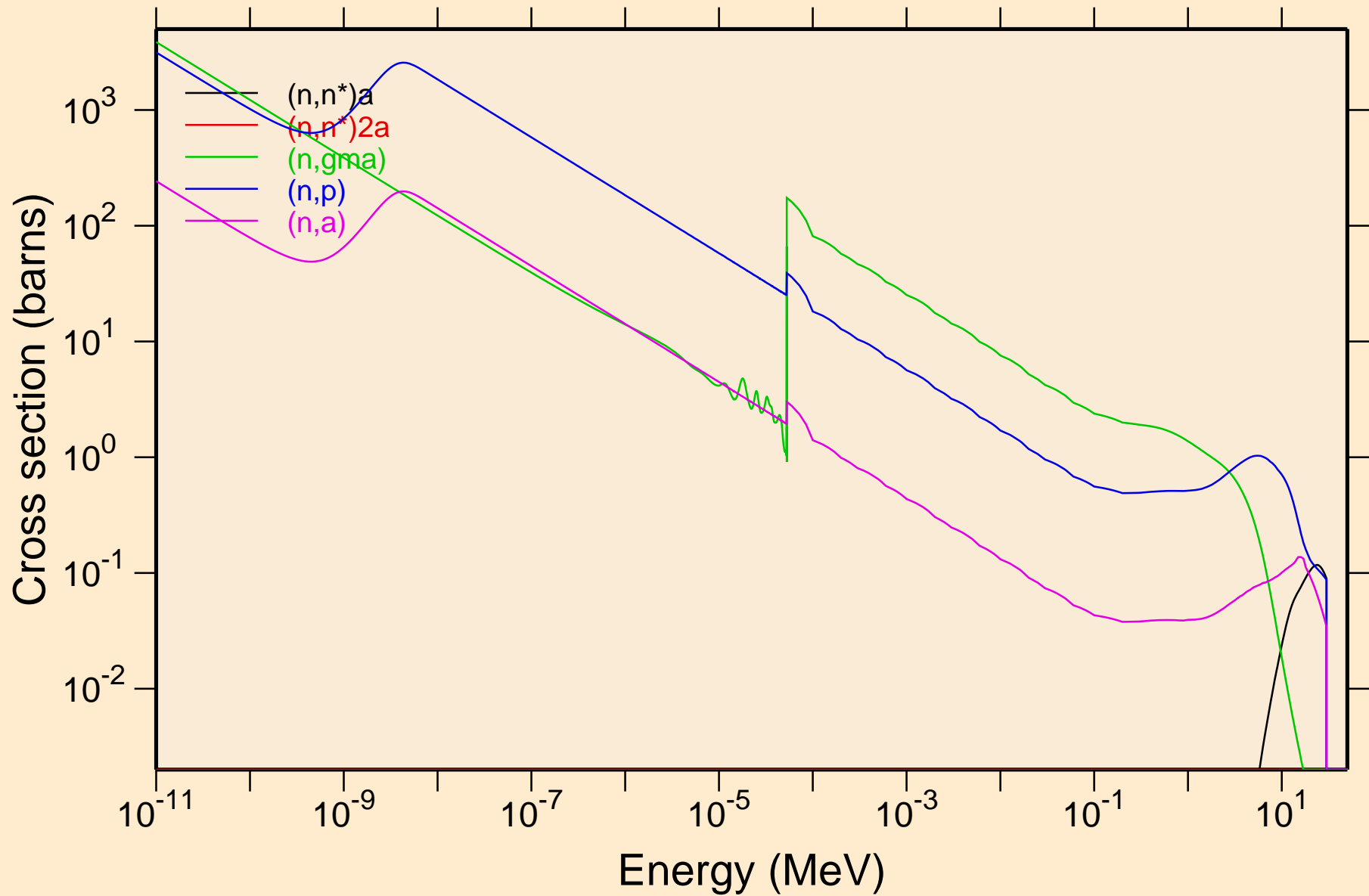
# IR174M NRG TENDL-2015, AKONING

## Principal cross sections

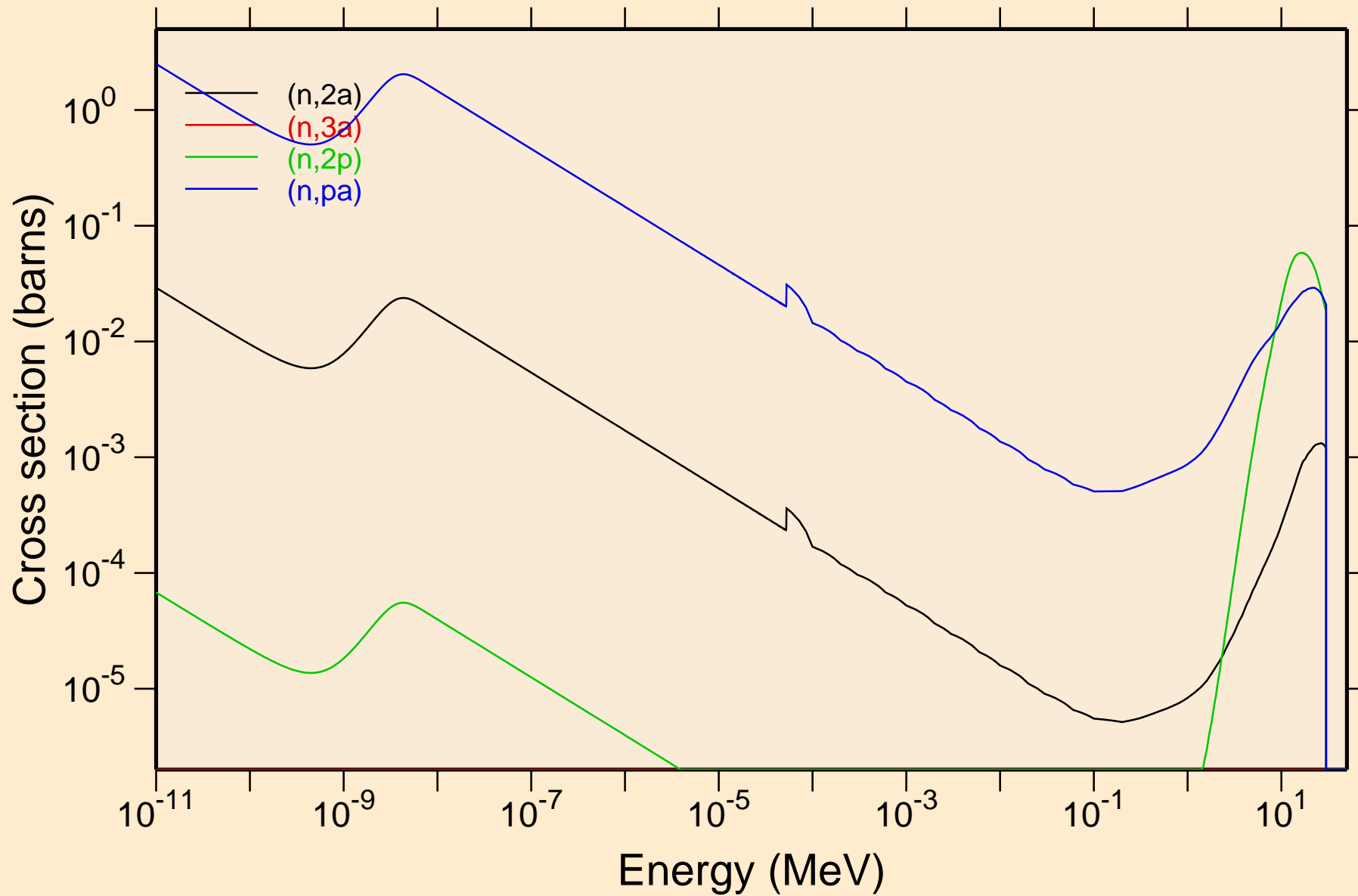


# IR174M NRG TENDL-2015, AKONING

## Non-threshold reactions

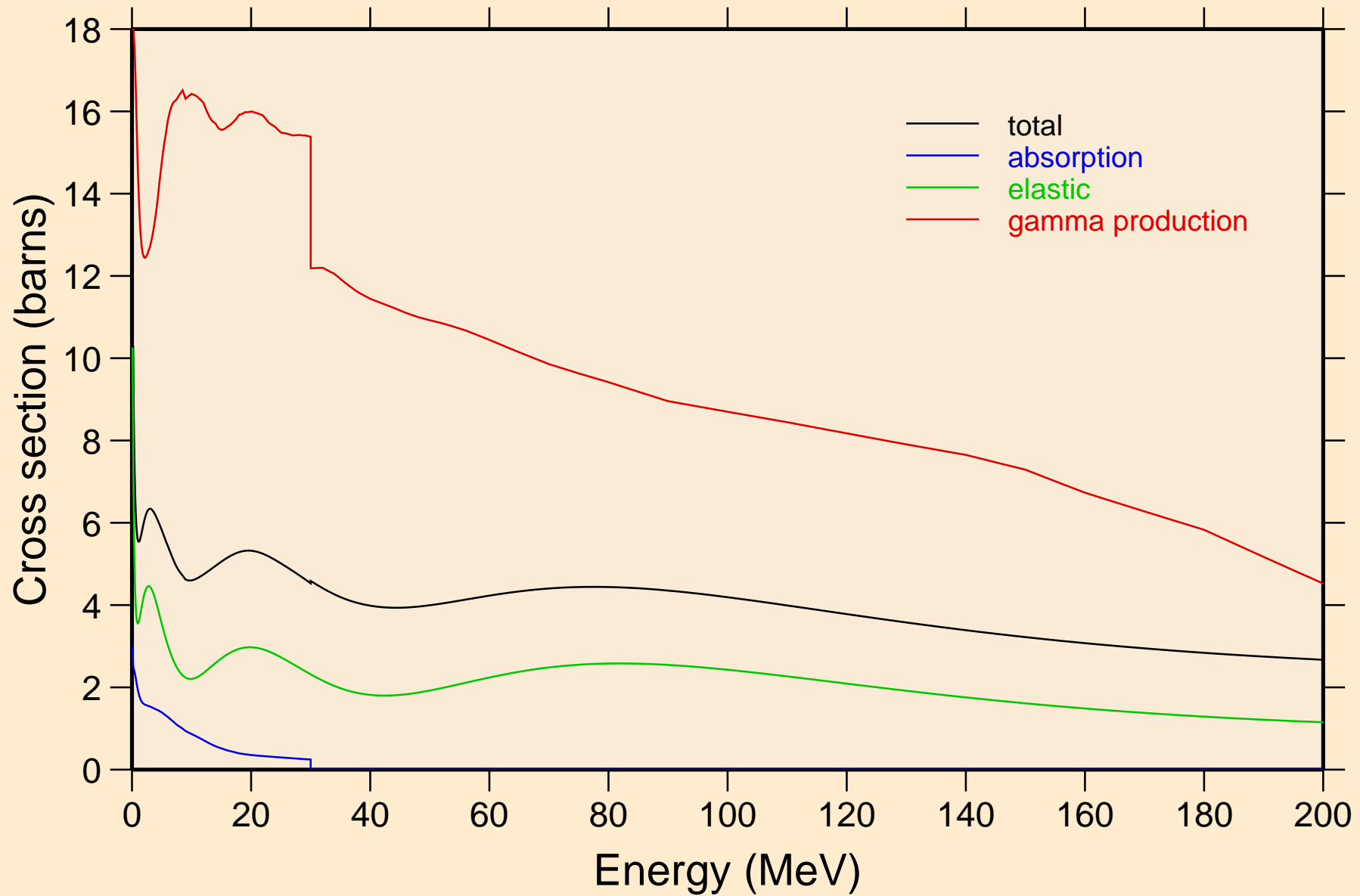


IR174M NRG TENDL-2015, AKONING  
Non-threshold reactions



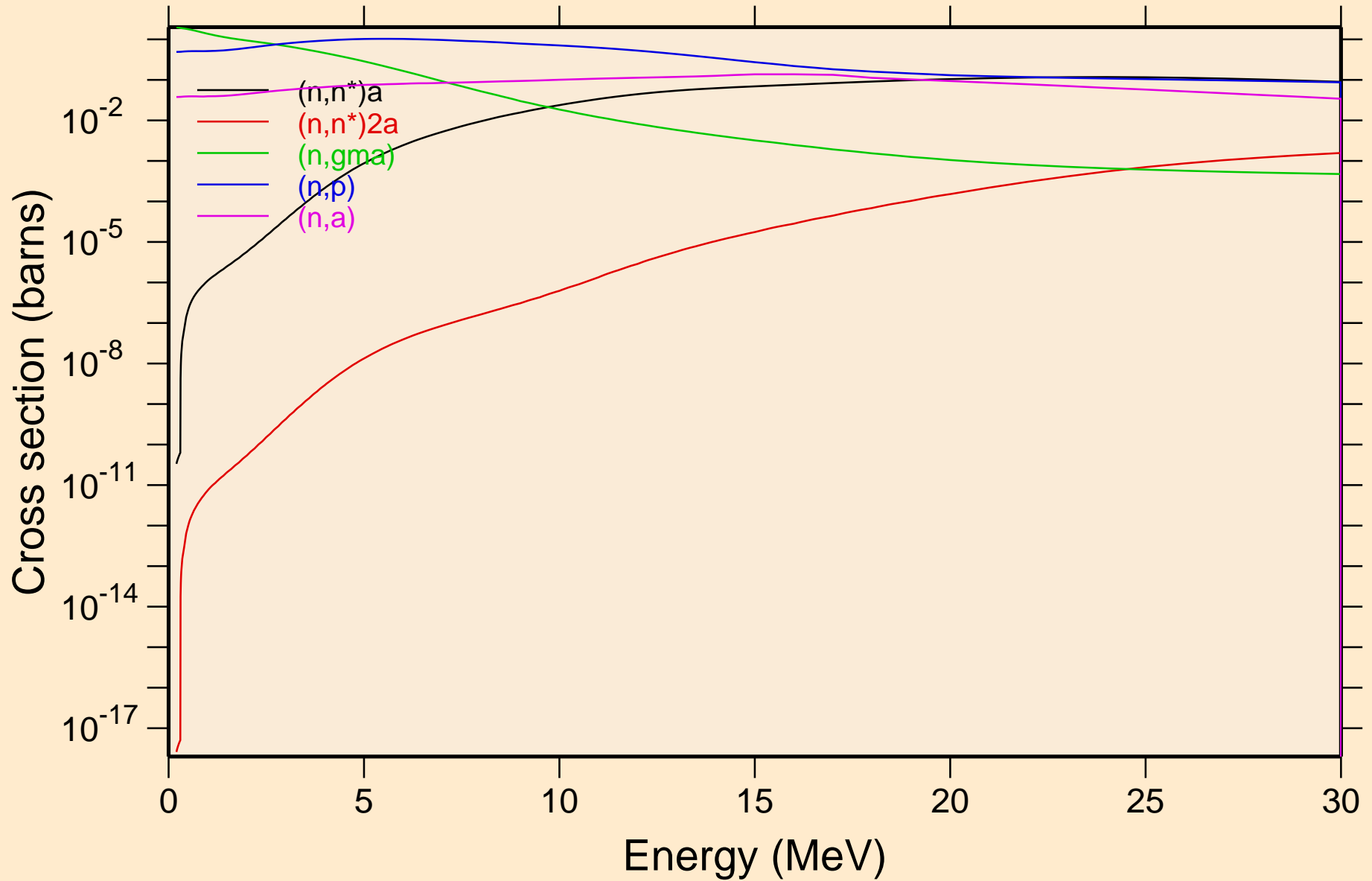
# IR174M NRG TENDL-2015, AKONING

## Principal cross sections



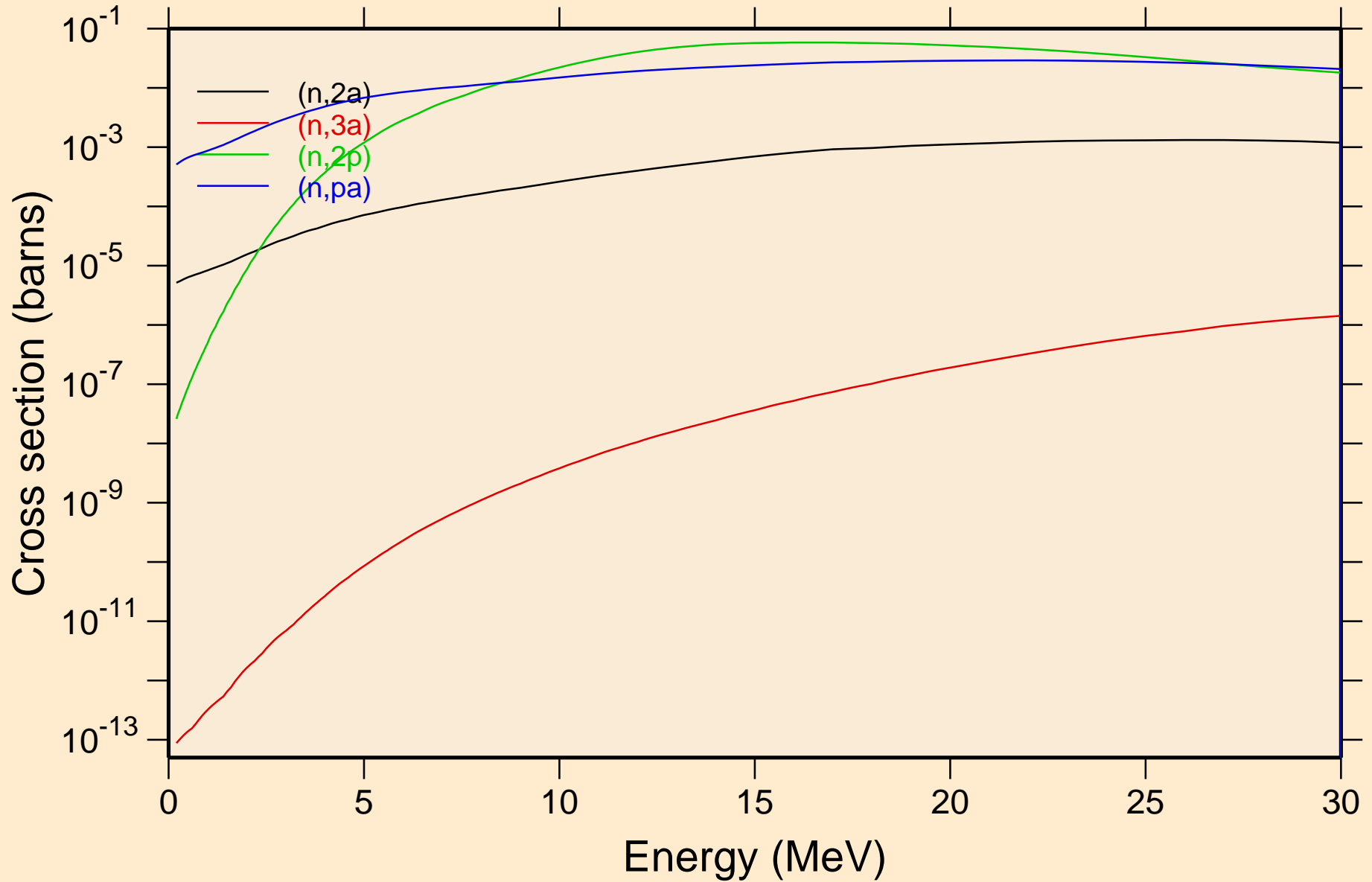
# IR174M NRG TENDL-2015, AKONING

## Non-threshold reactions



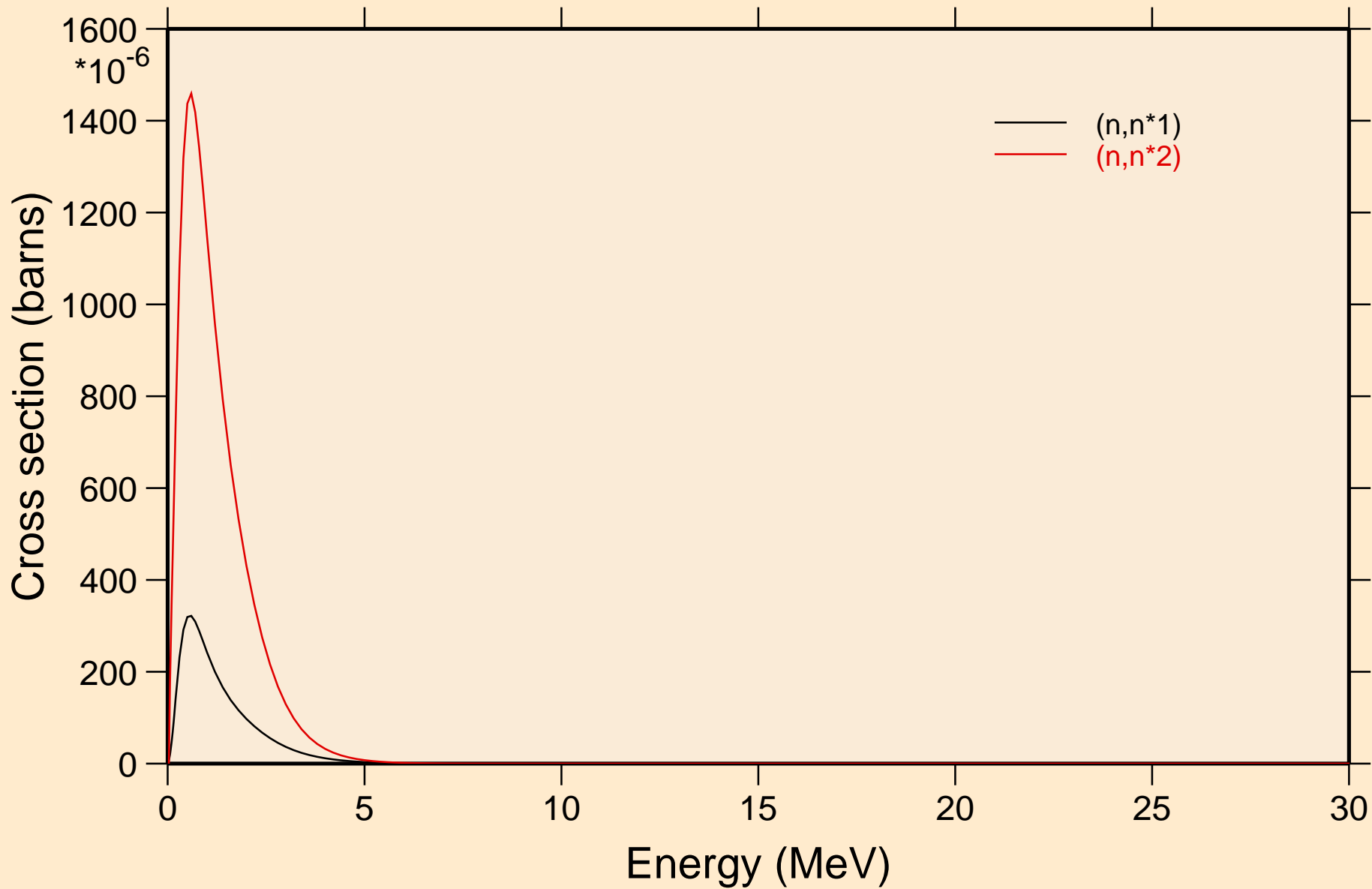
# IR174M NRG TENDL-2015, AKONING

## Non-threshold reactions



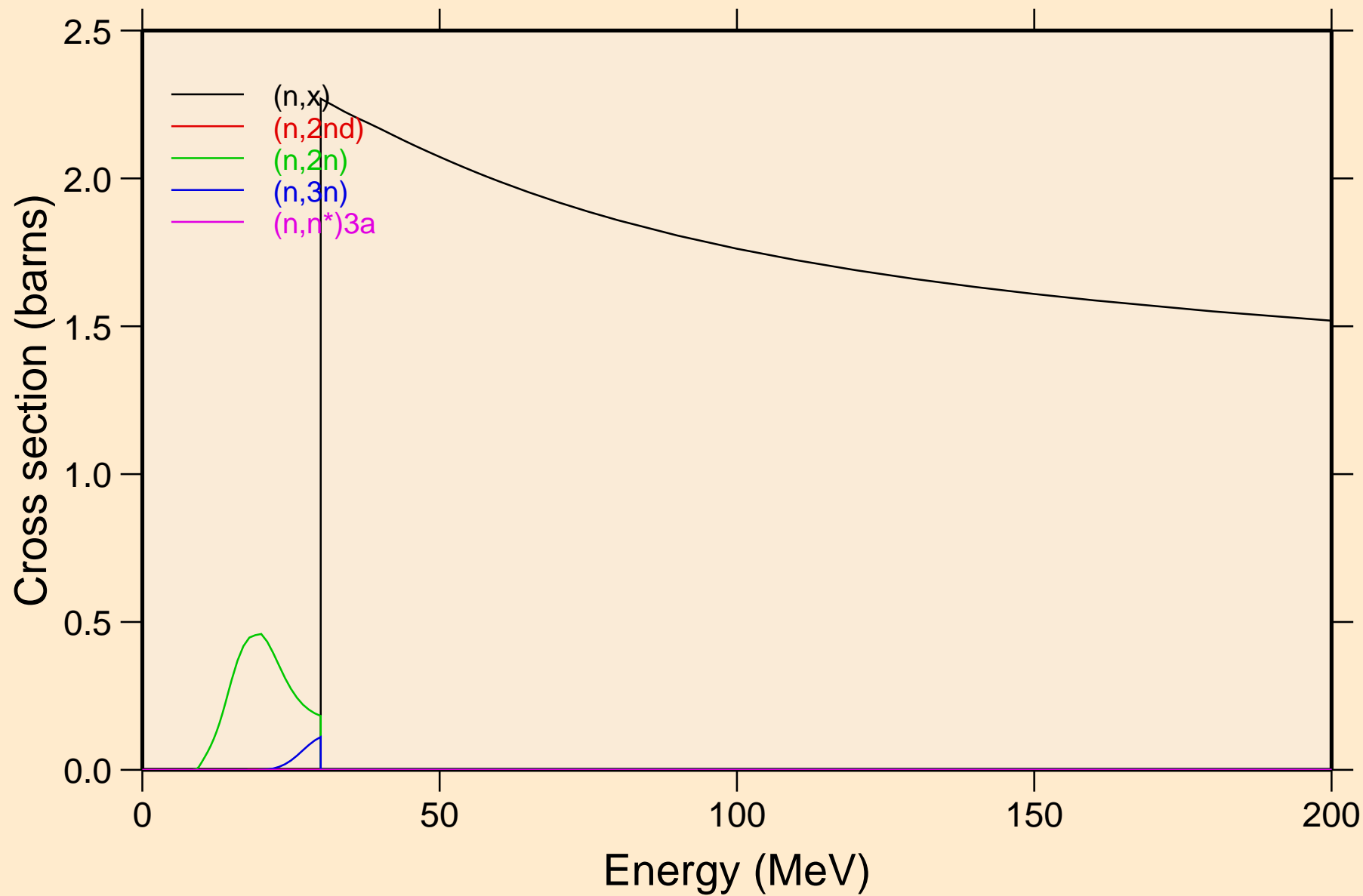
# IR174M NRG TENDL-2015, AKONING

## Inelastic levels



# IR174M NRG TENDL-2015, AKONING

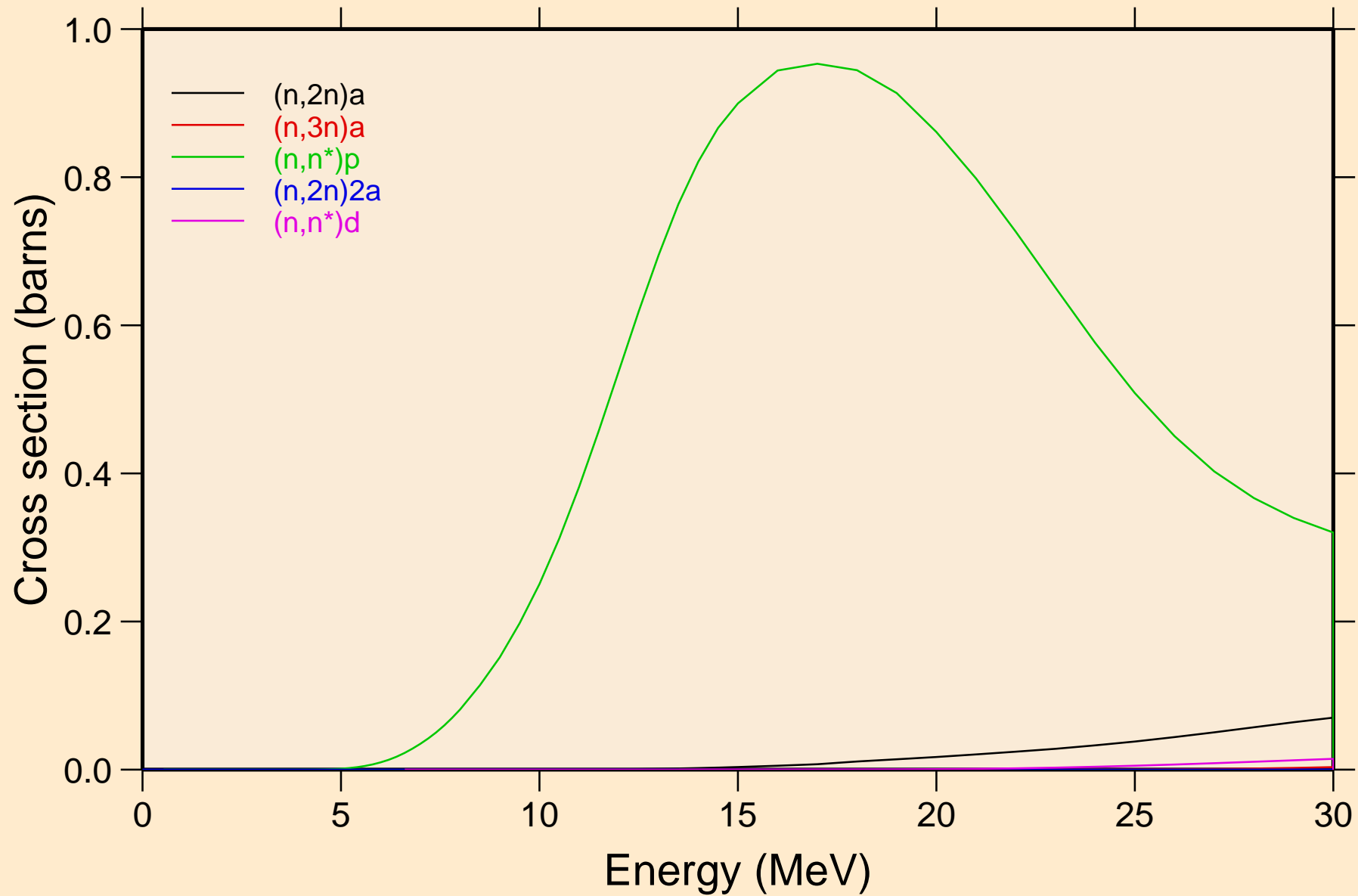
## Threshold reactions





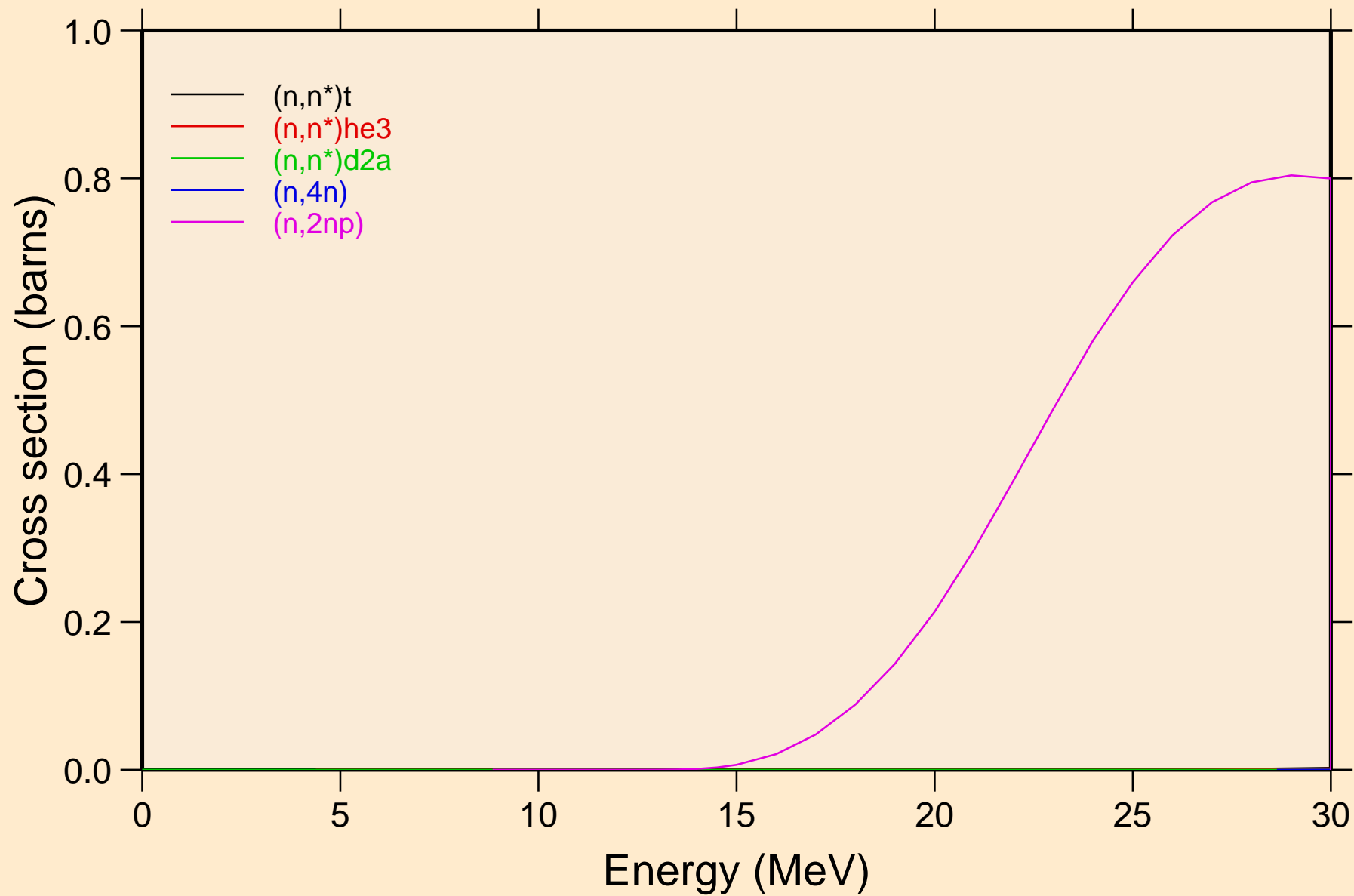
# IR174M NRG TENDL-2015, AKONING

## Threshold reactions



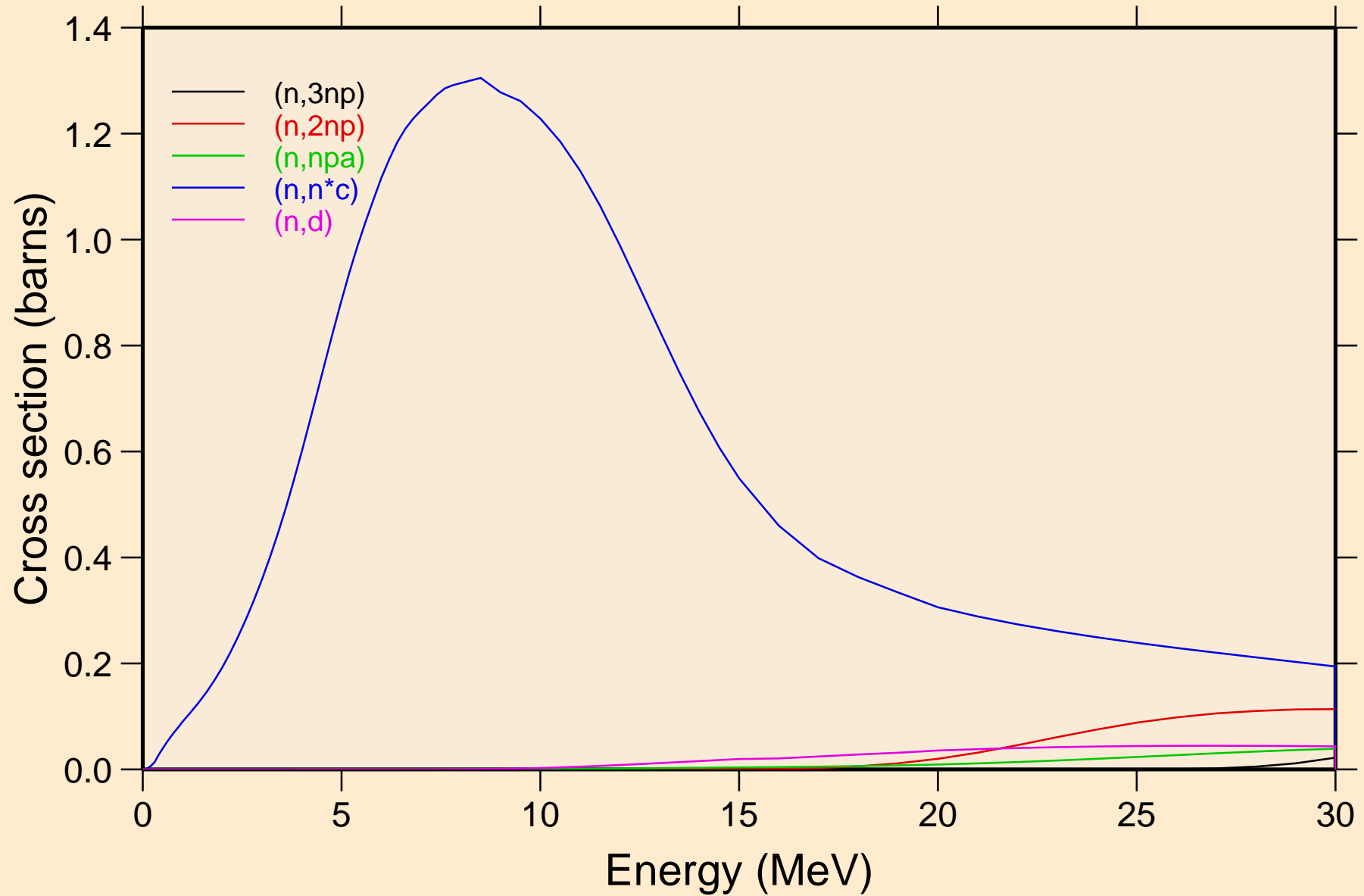
# IR174M NRG TENDL-2015, AKONING

## Threshold reactions



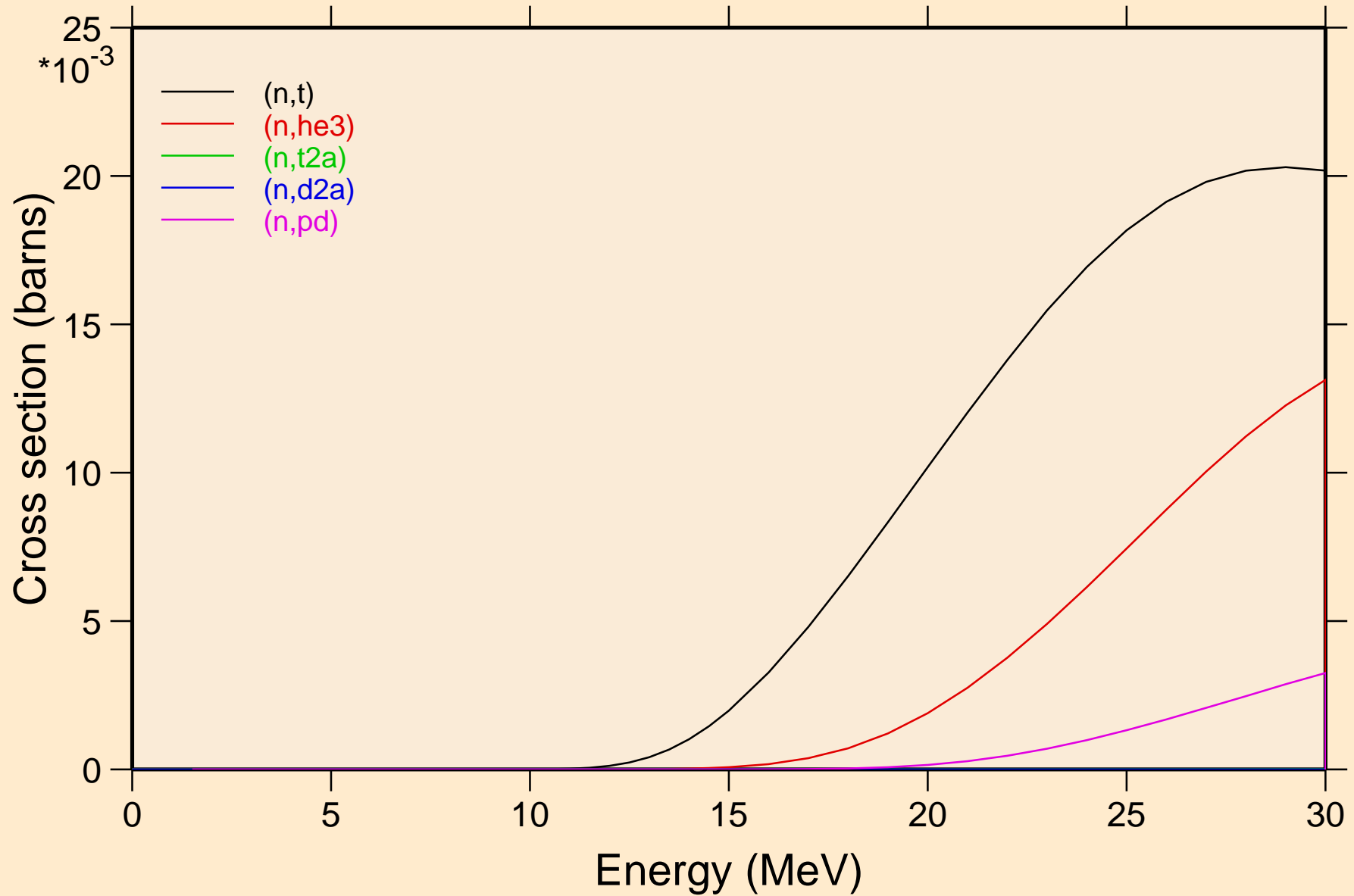
# IR174M NRG TENDL-2015, AKONING

## Threshold reactions



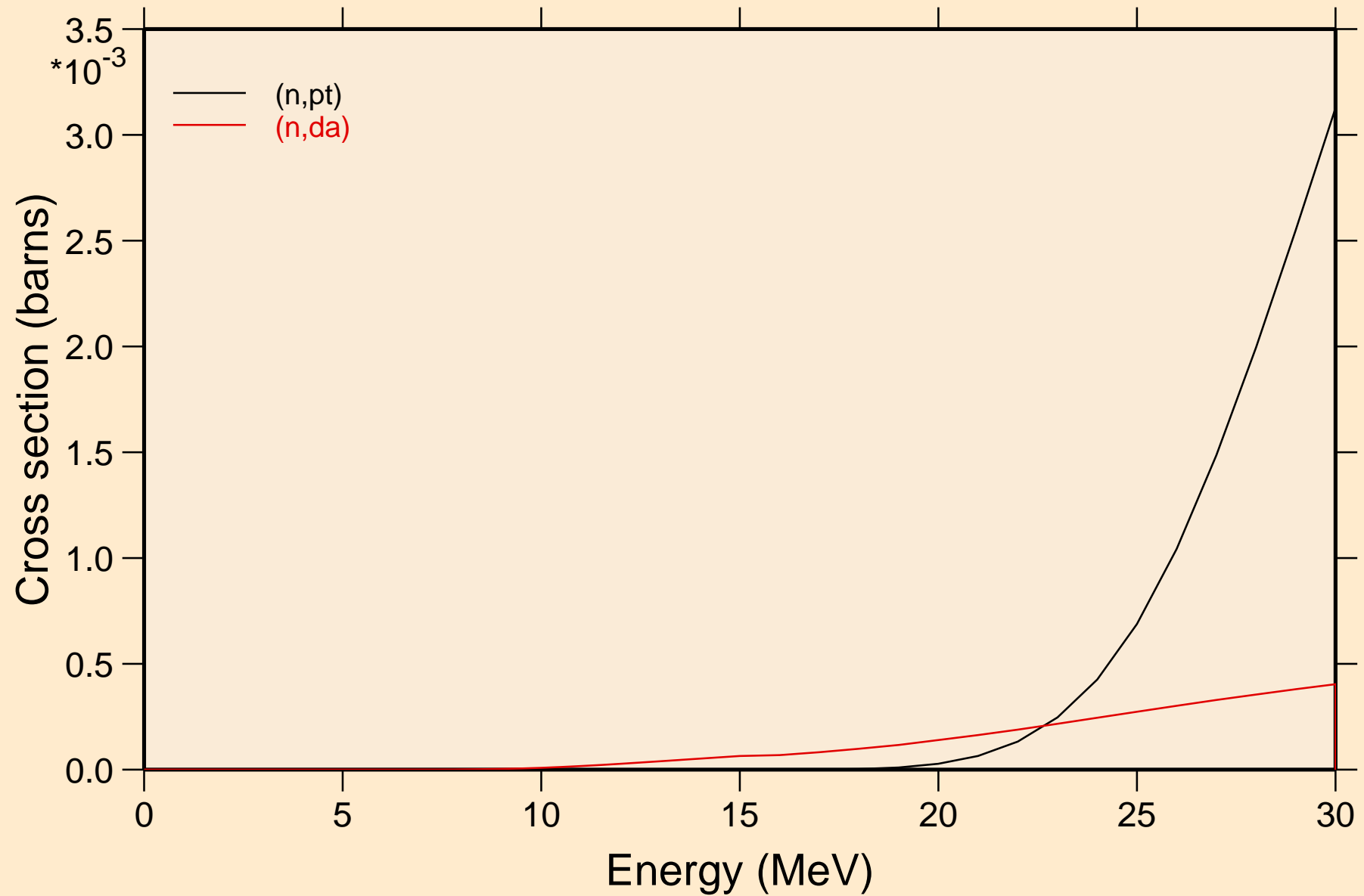
# IR174M NRG TENDL-2015, AKONING

## Threshold reactions

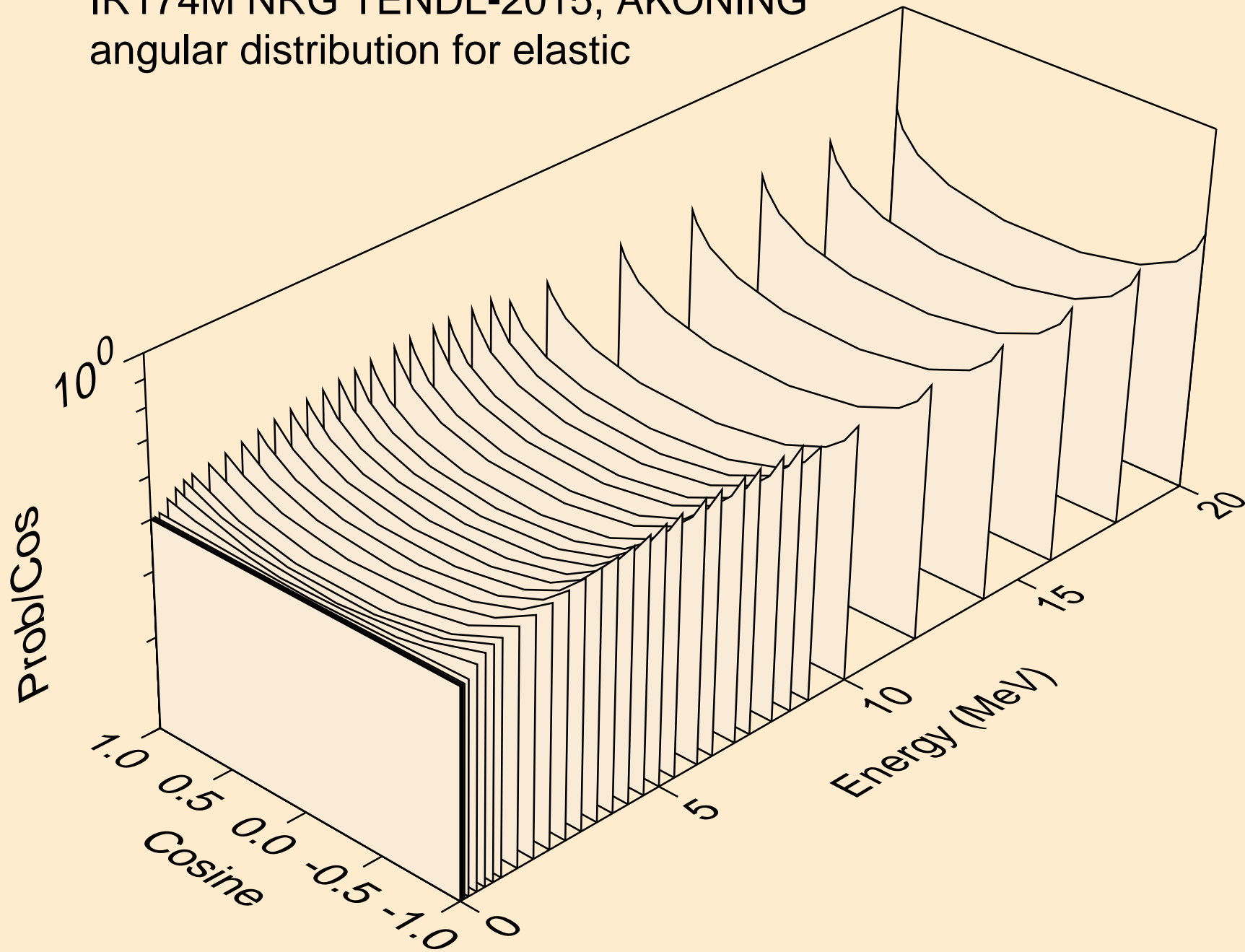


# IR174M NRG TENDL-2015, AKONING

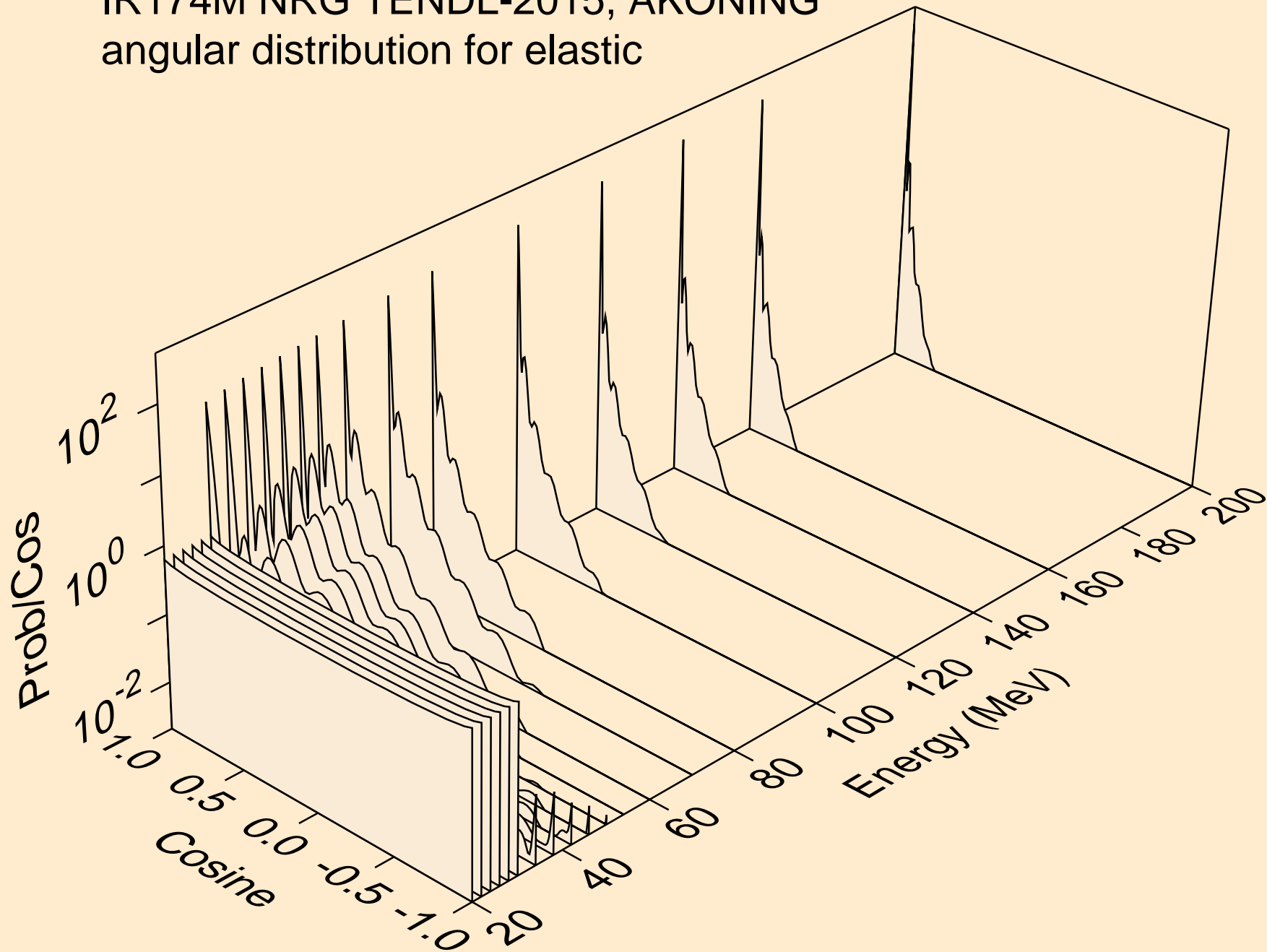
## Threshold reactions



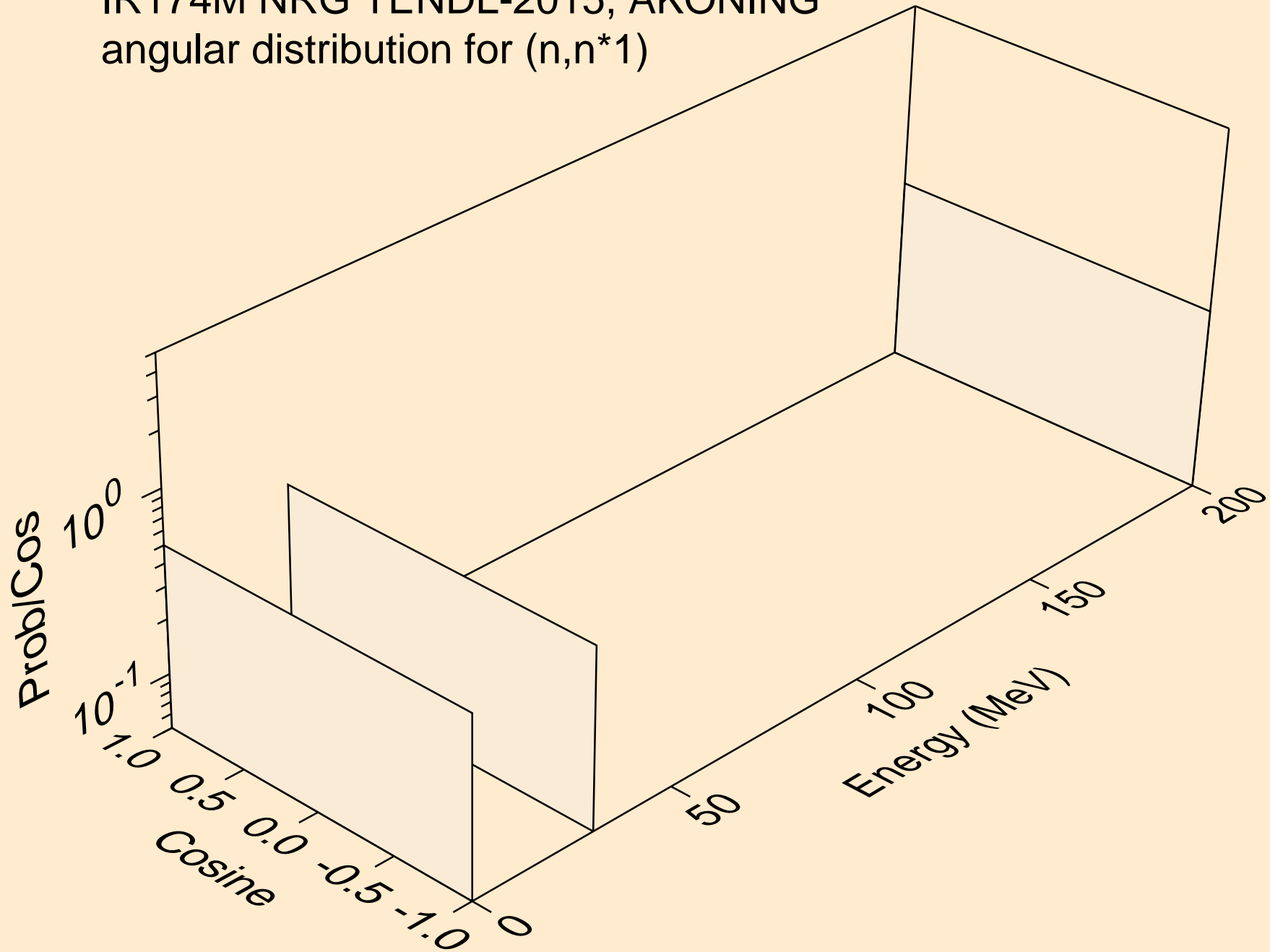
IR174M NRG TENDL-2015, AKONING  
angular distribution for elastic



IR174M NRG TENDL-2015, AKONING  
angular distribution for elastic

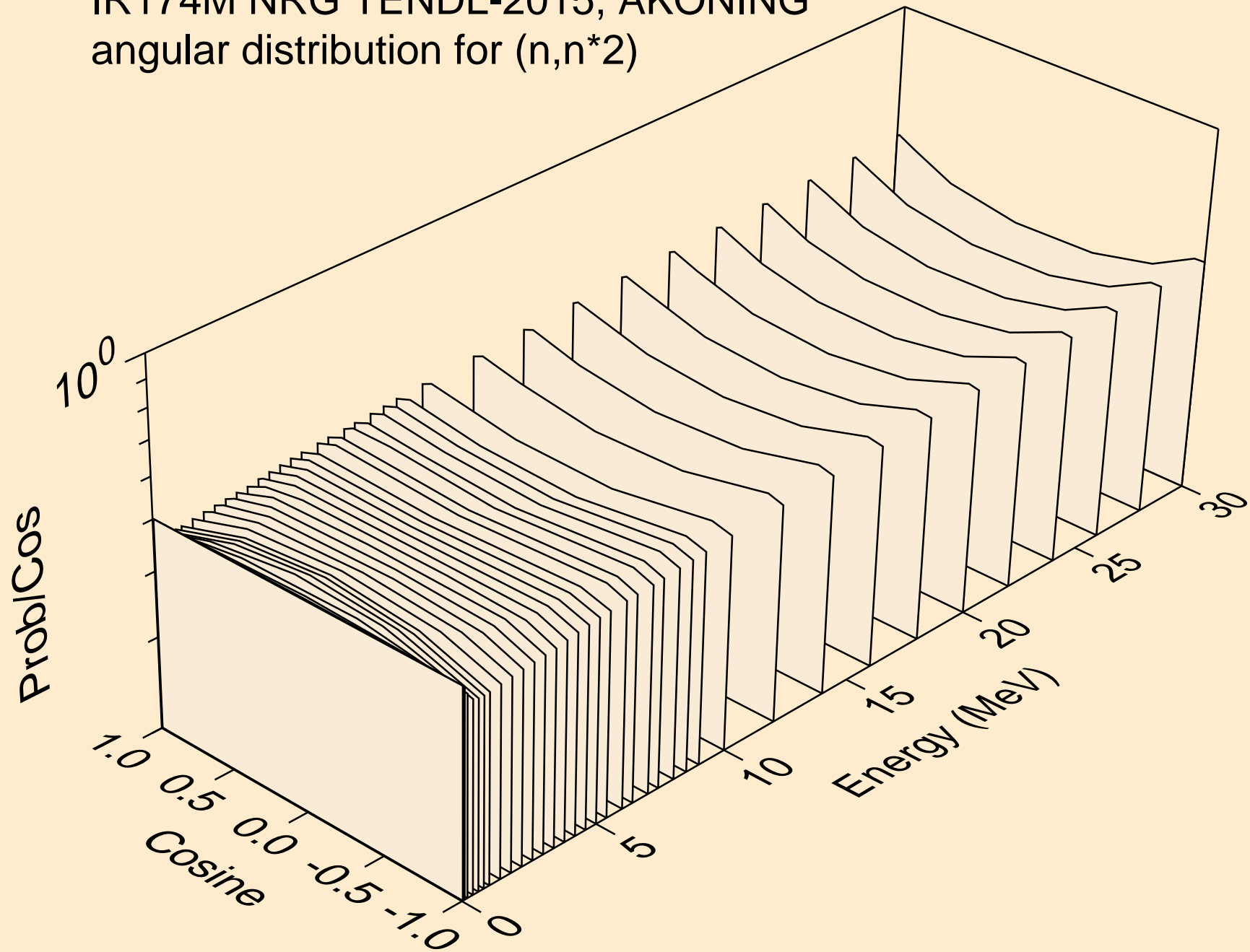


IR174M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

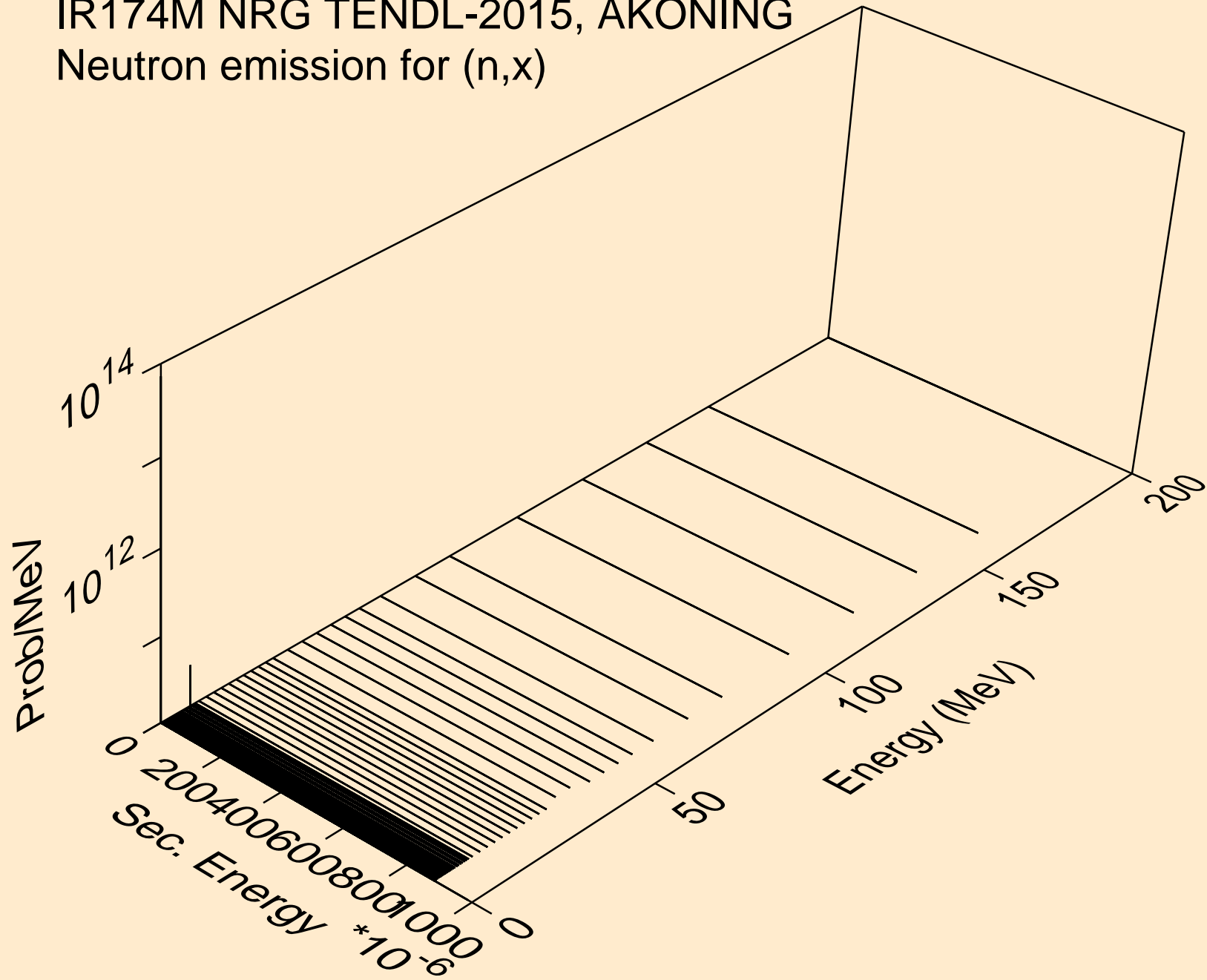




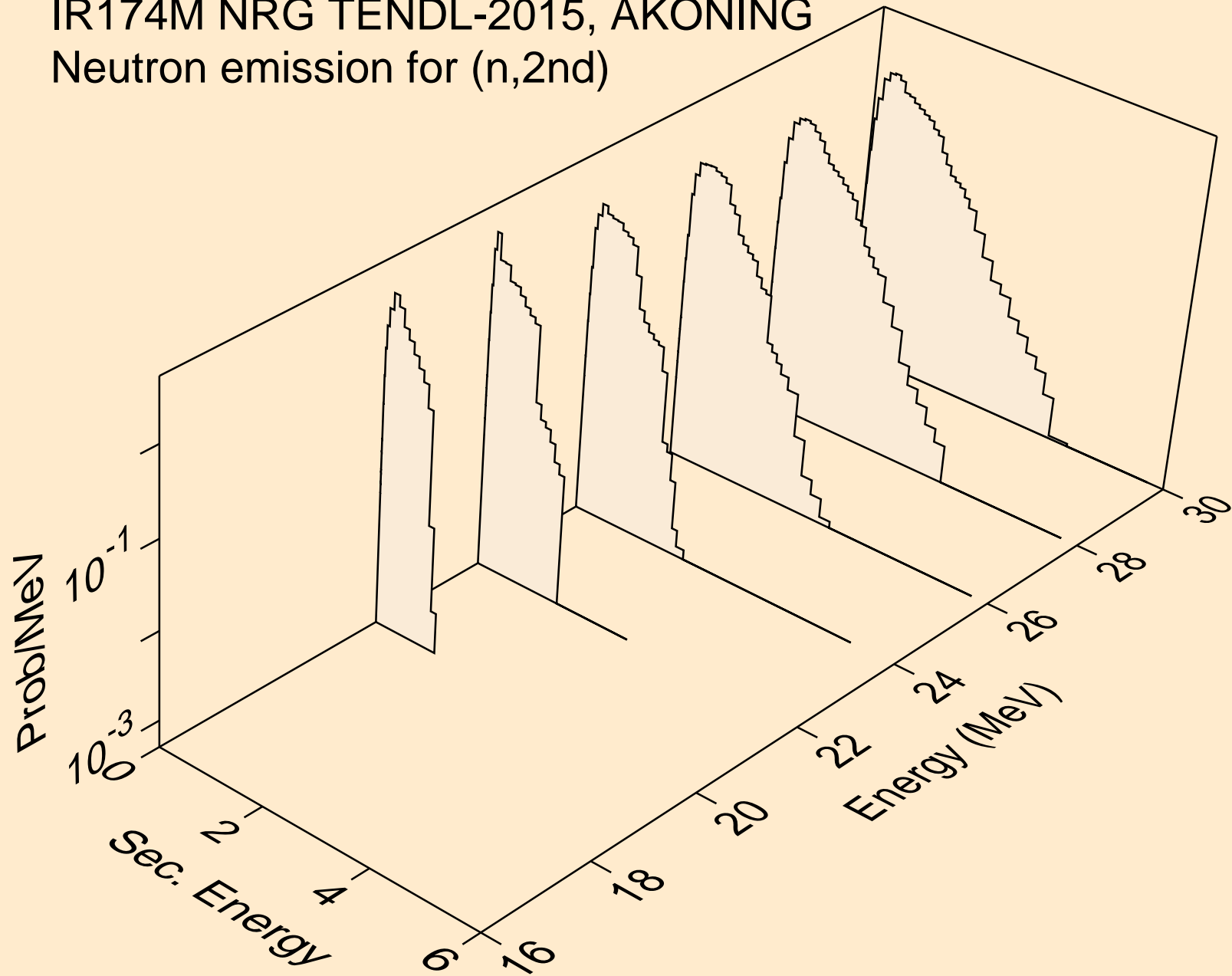
IR174M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



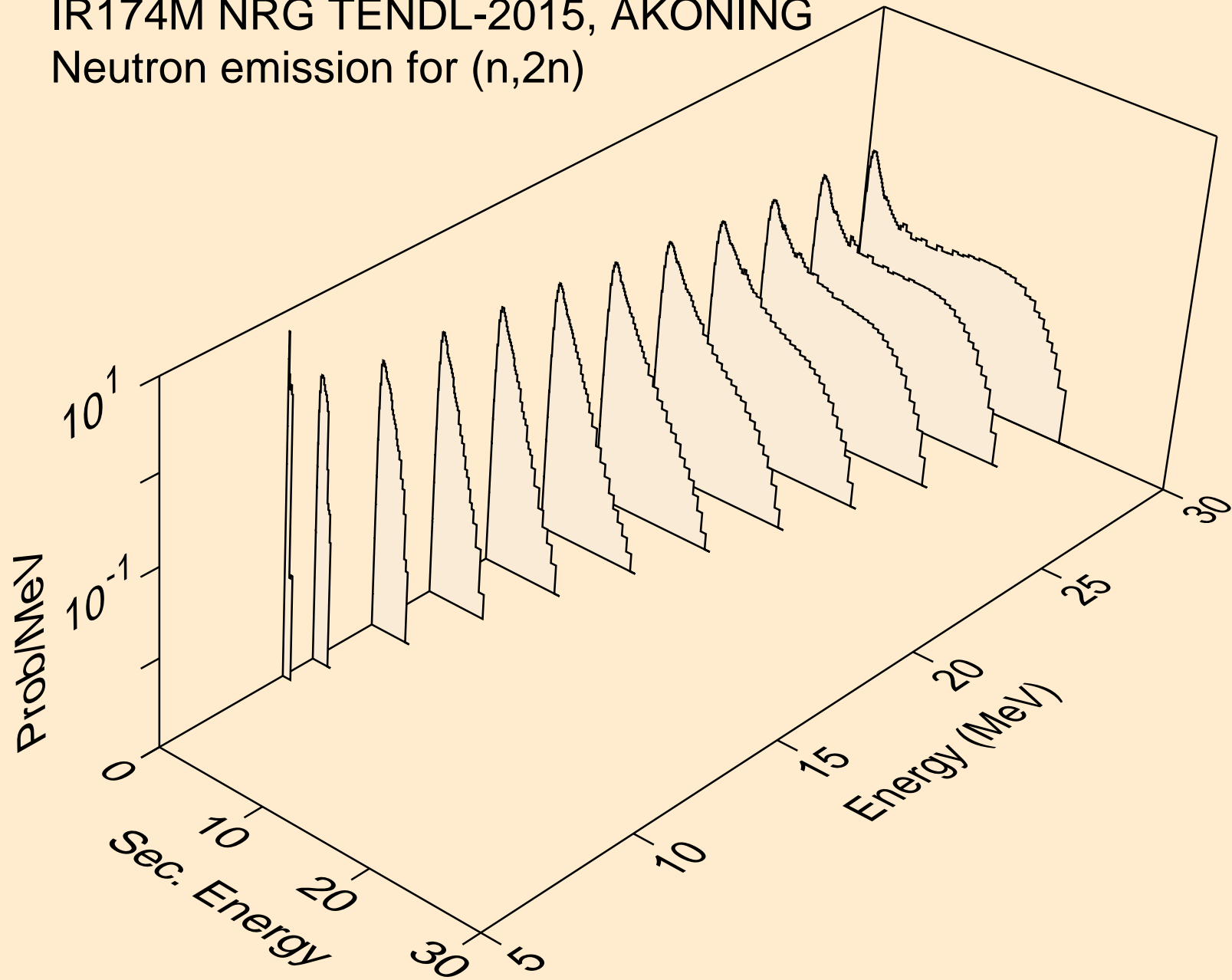
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



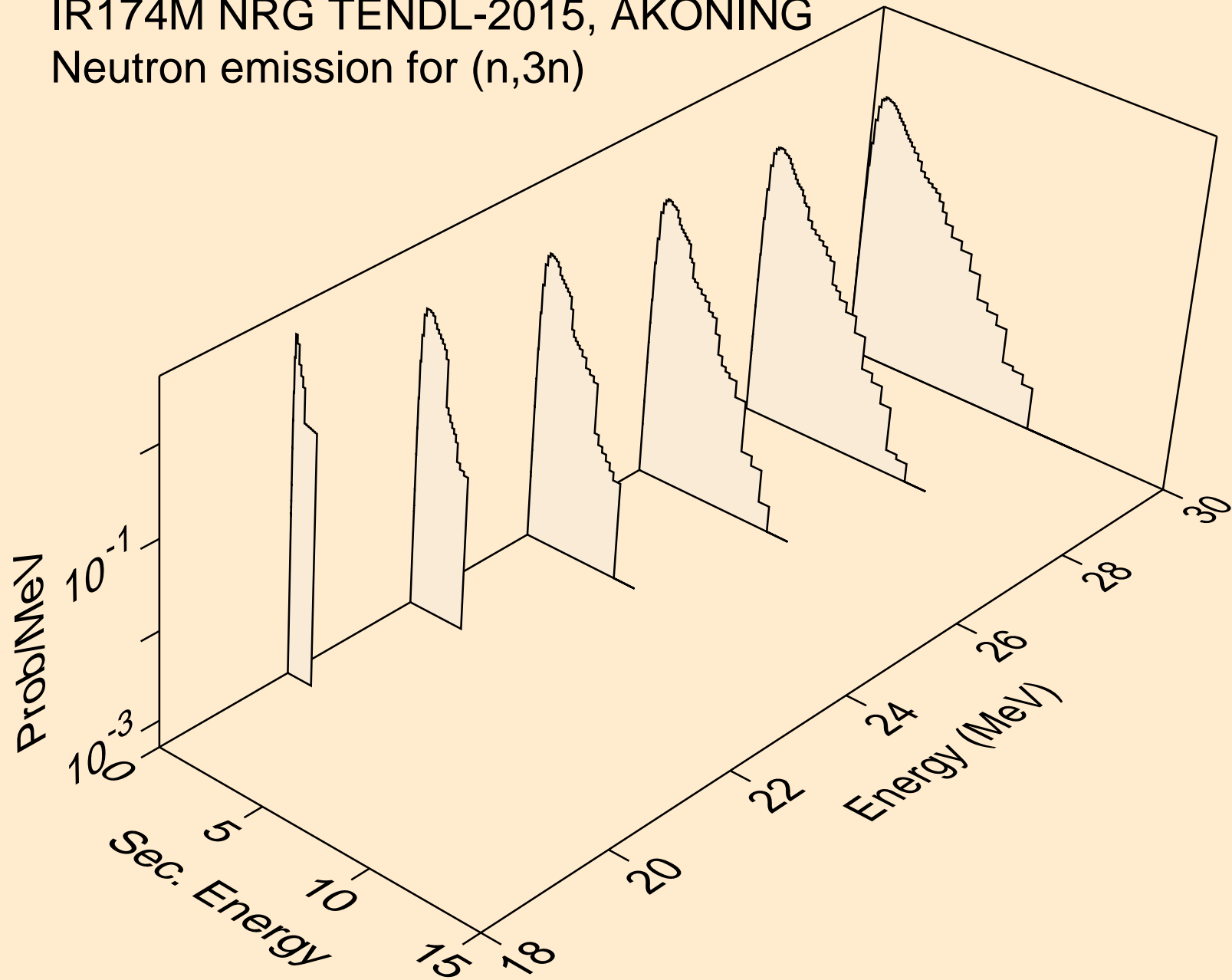
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



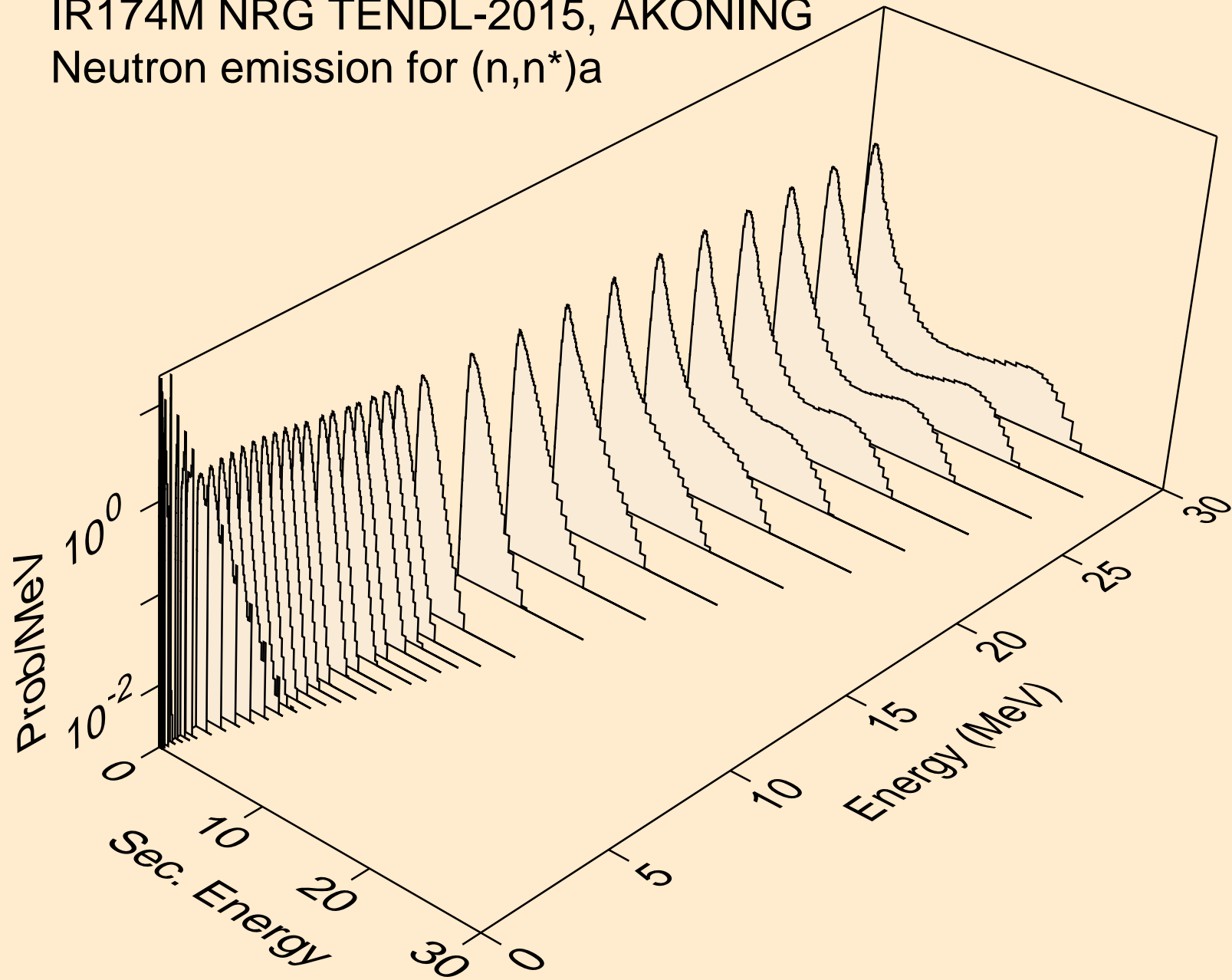
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



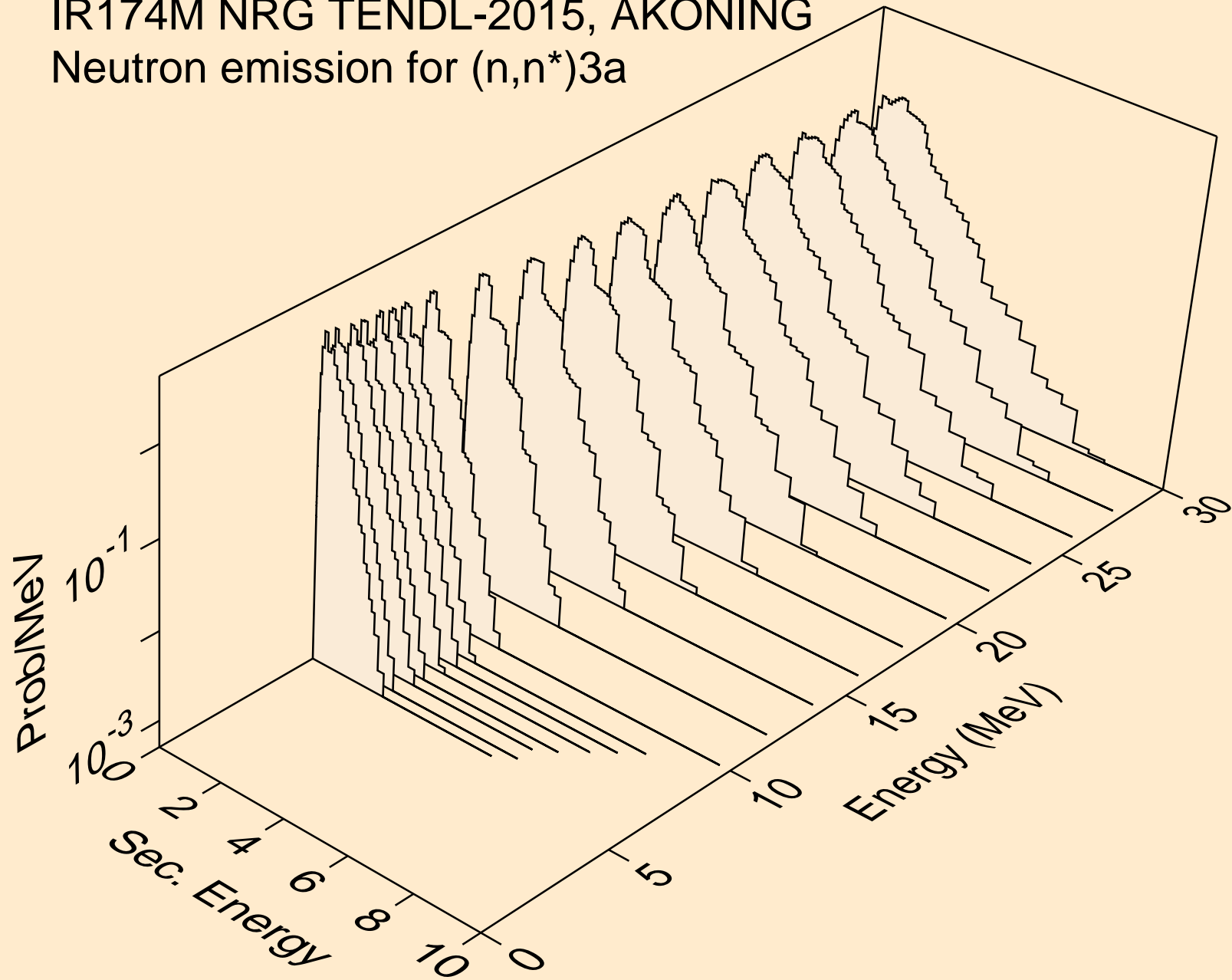
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



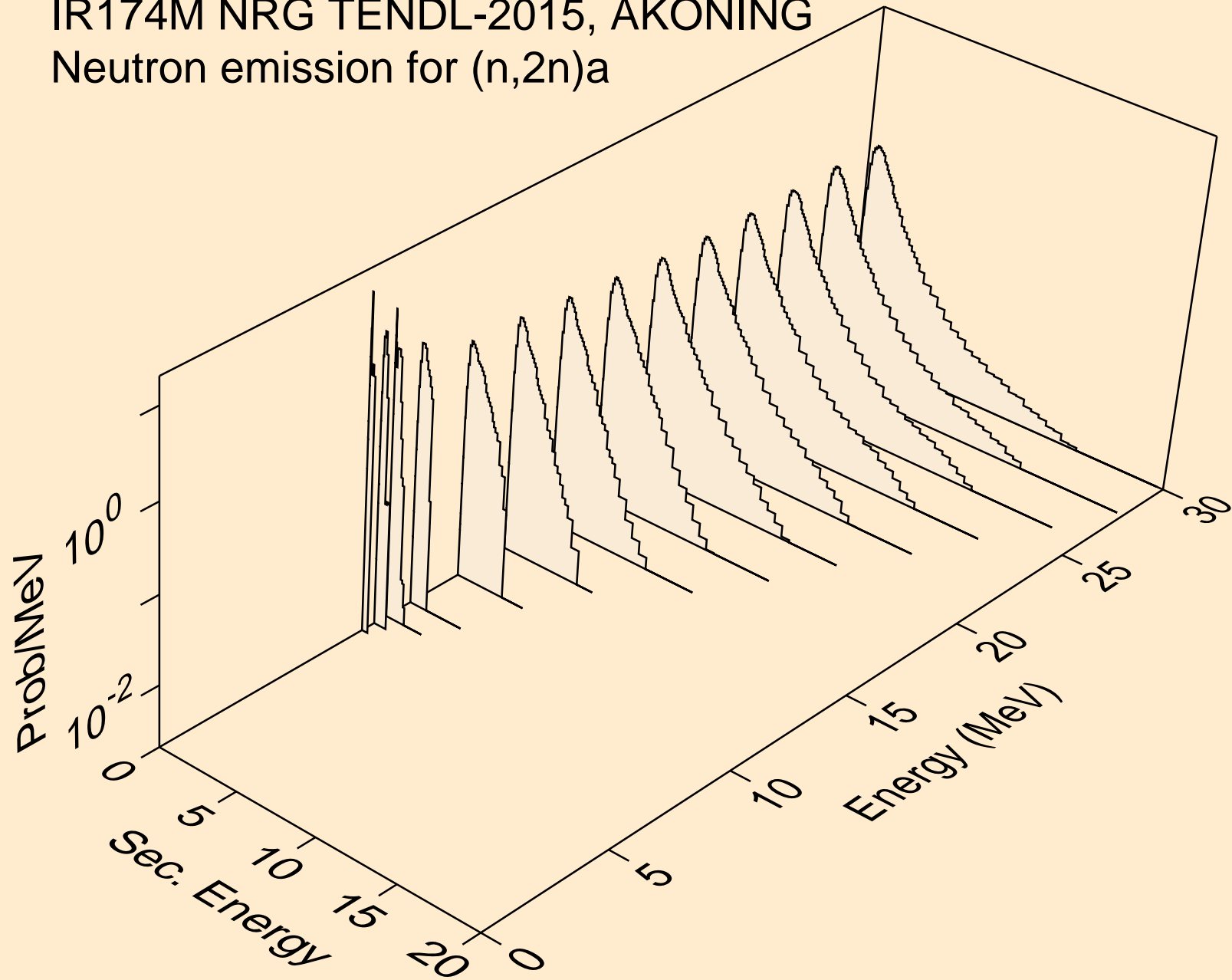
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a

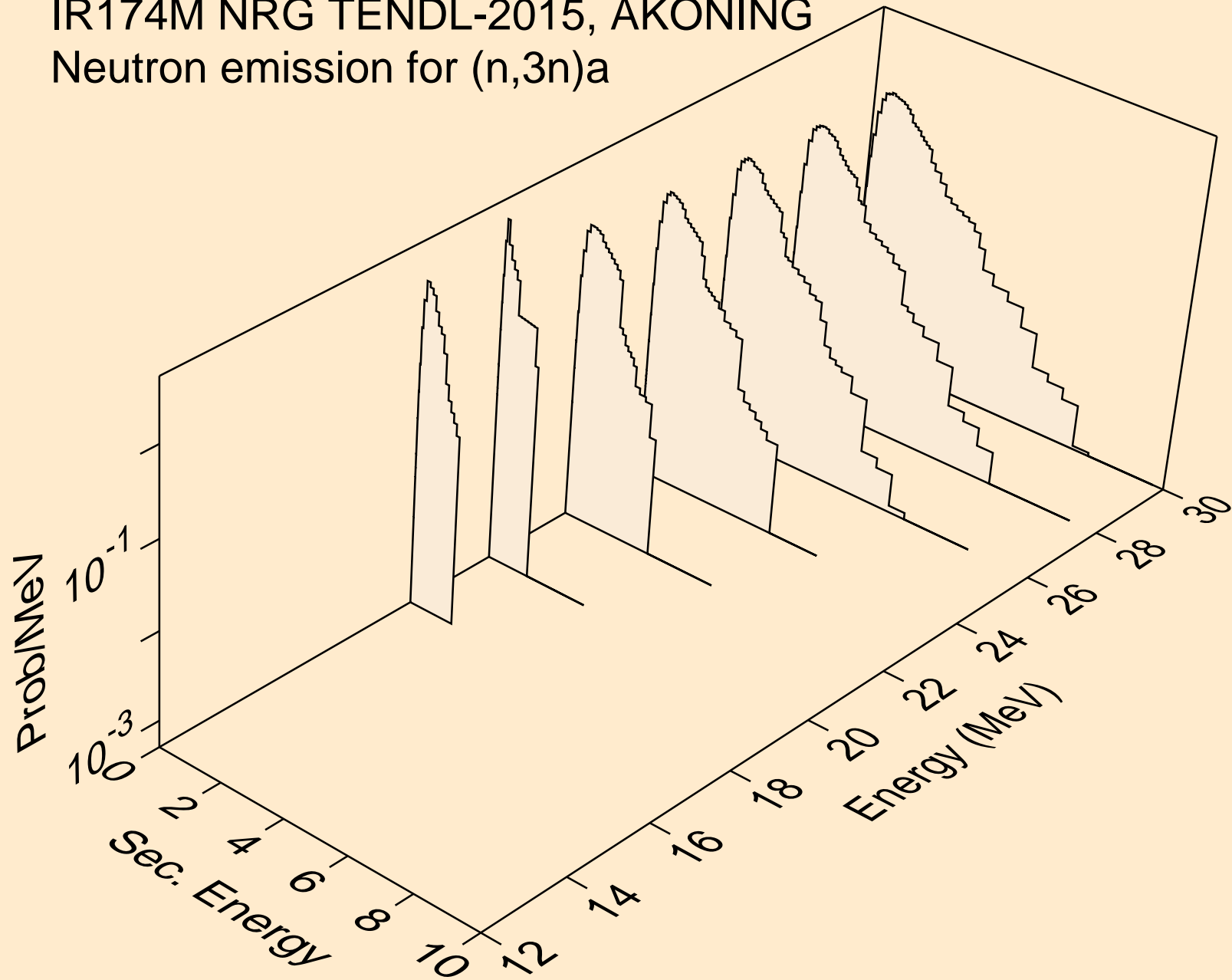


IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

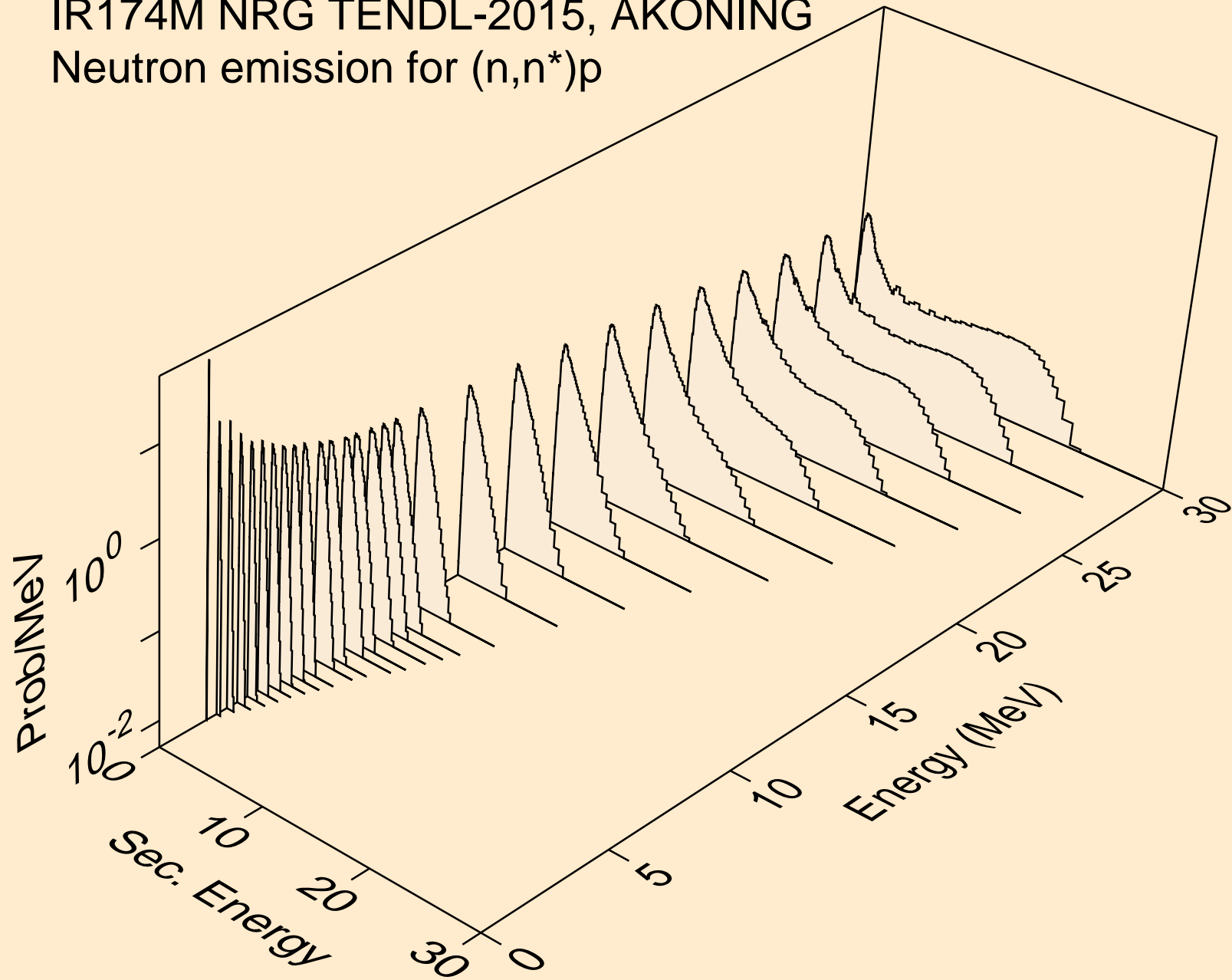




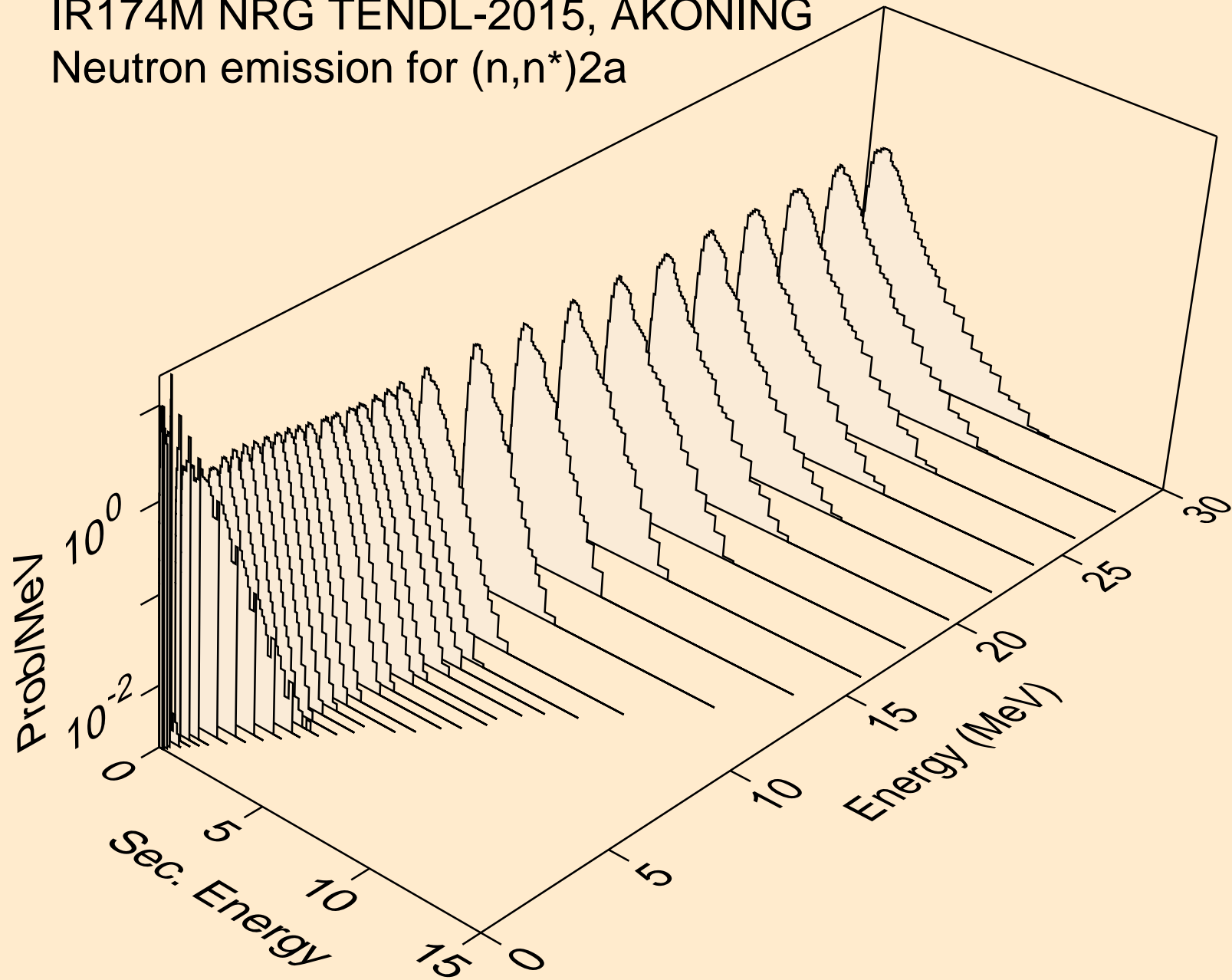
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



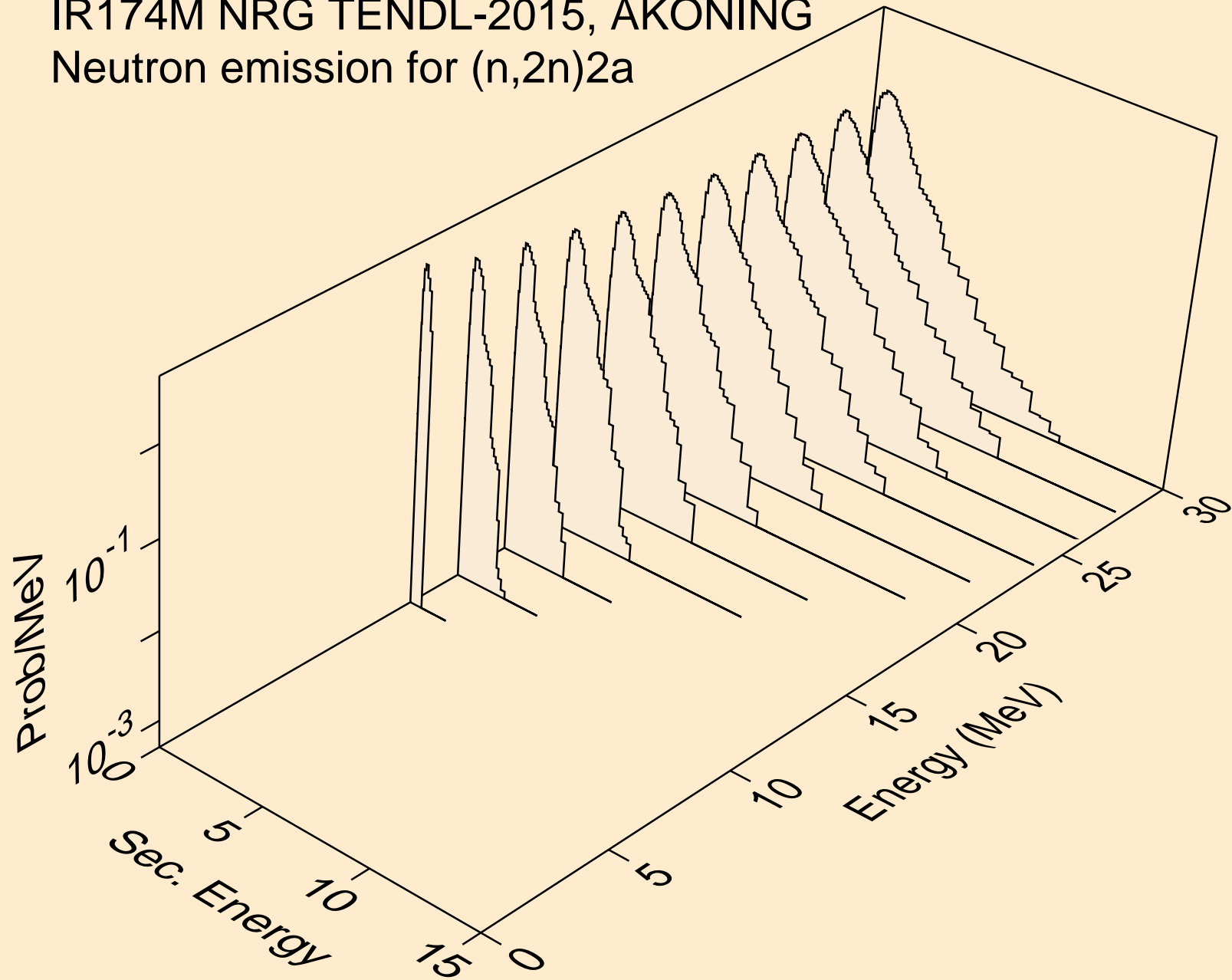
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



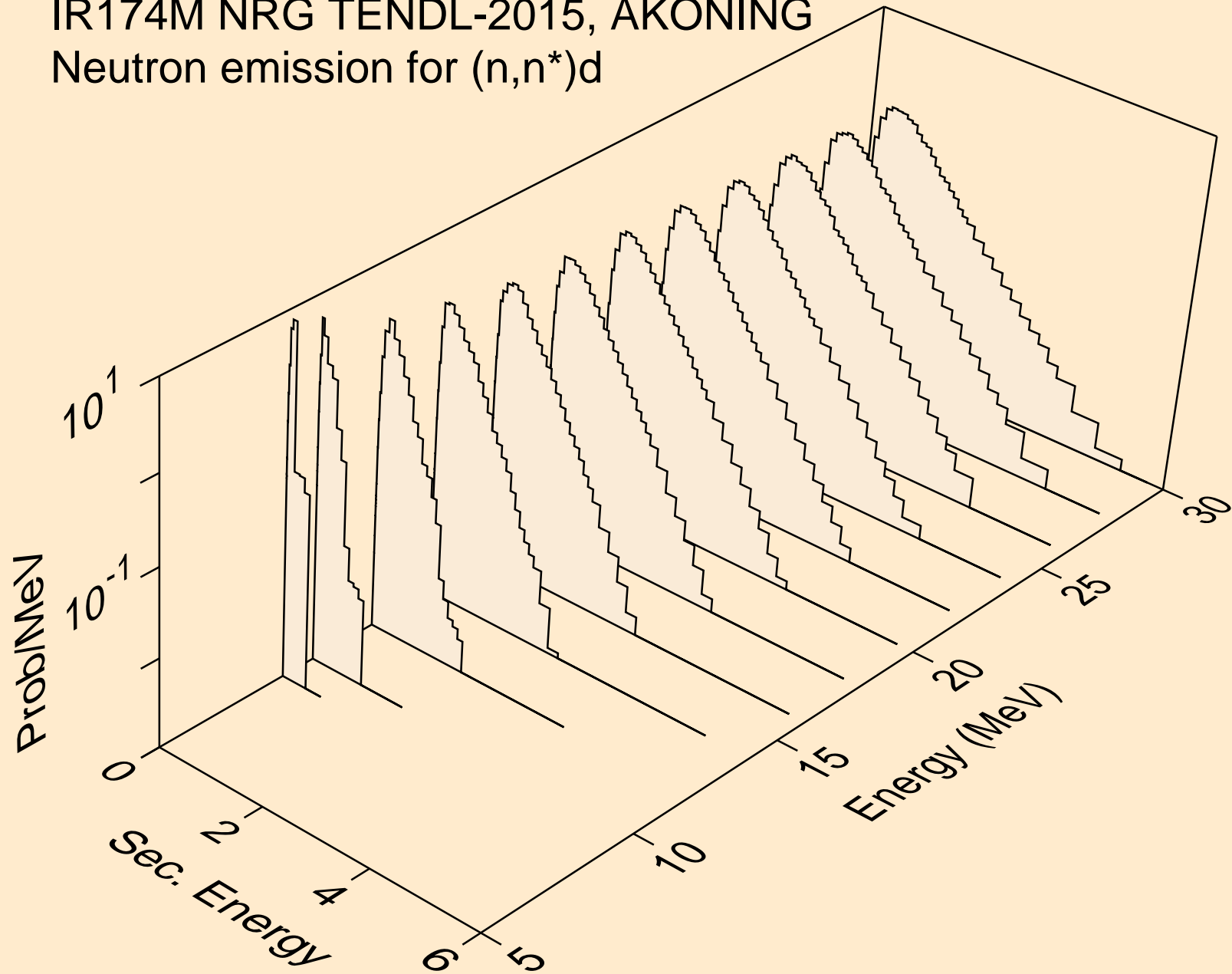
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



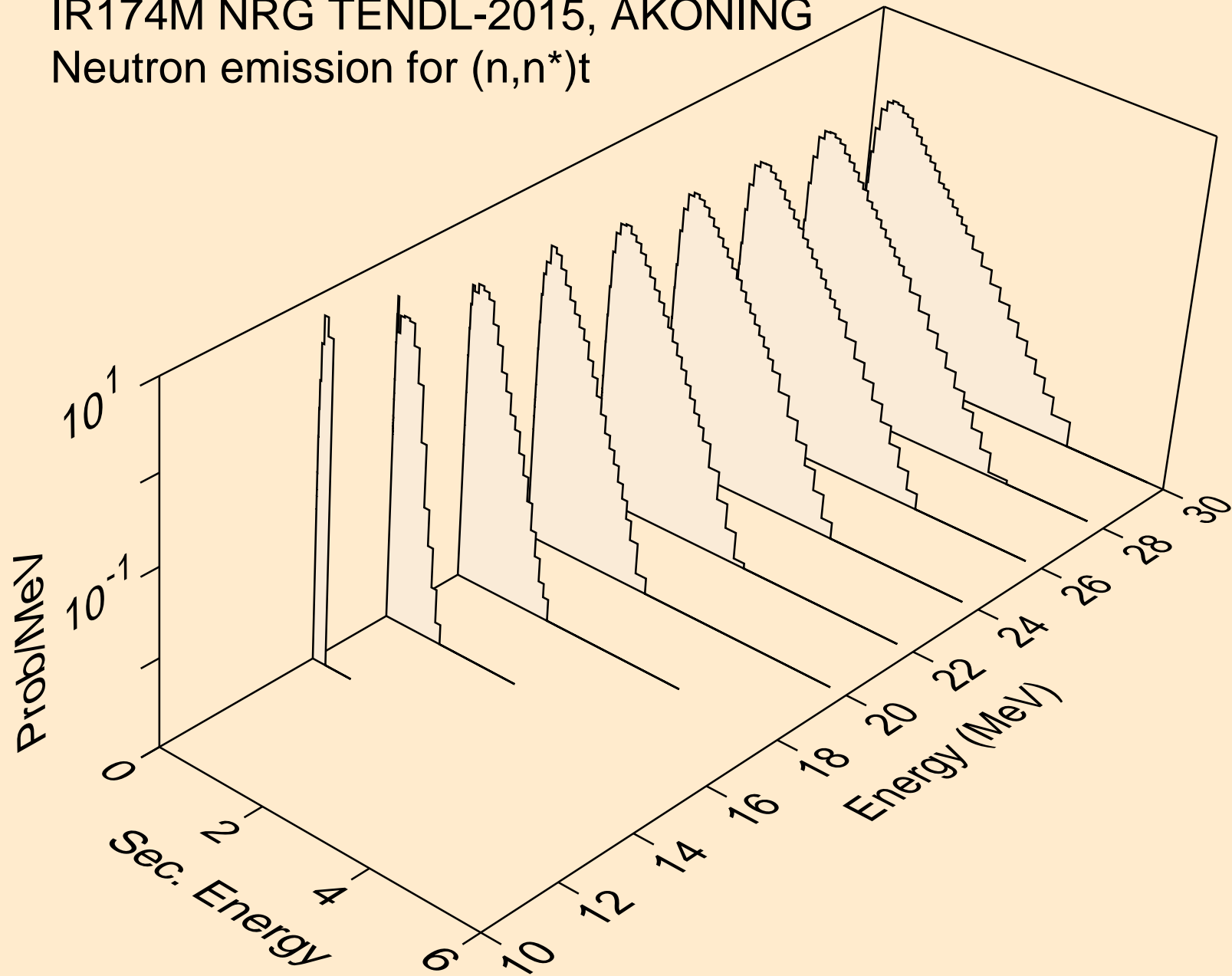
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



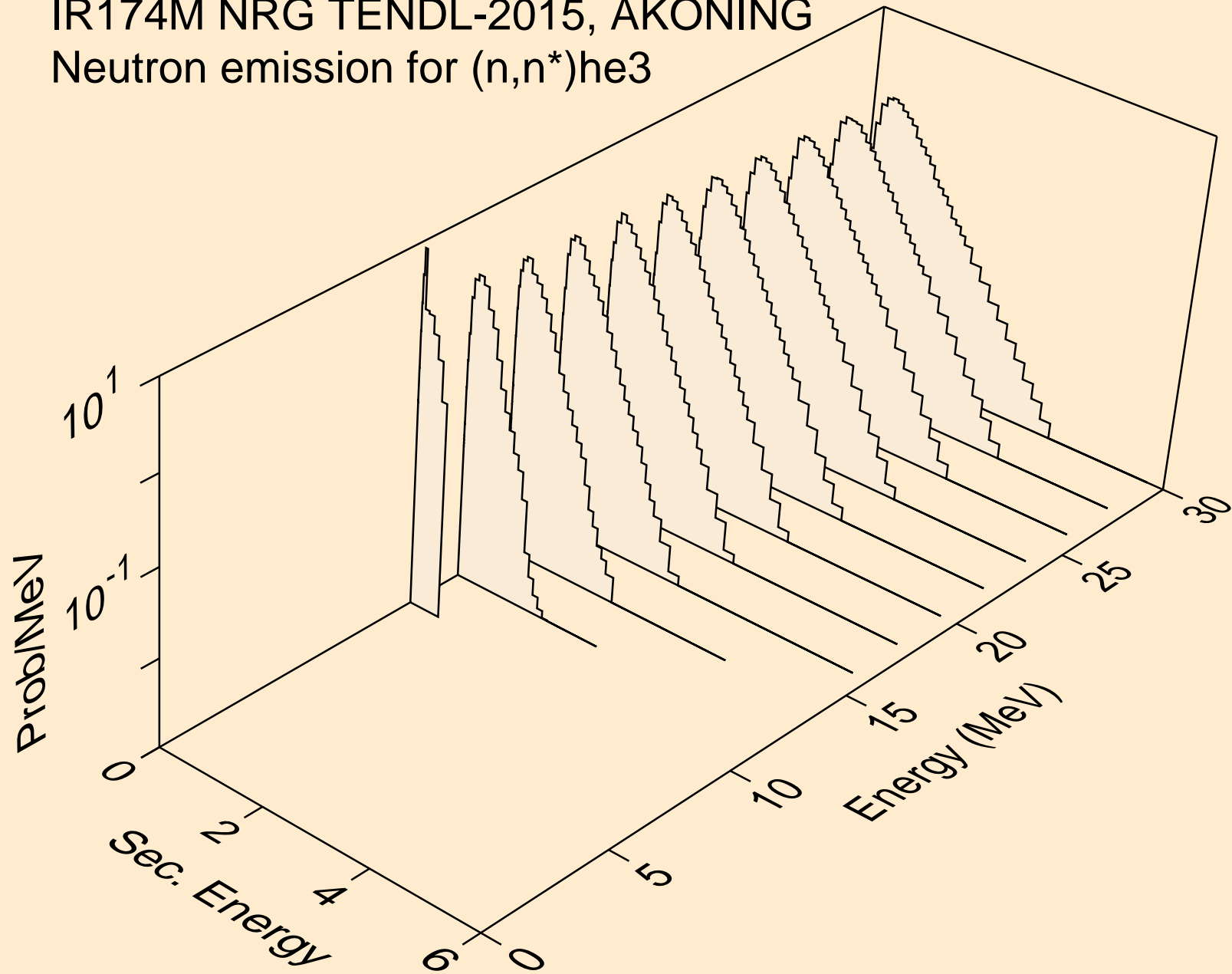
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



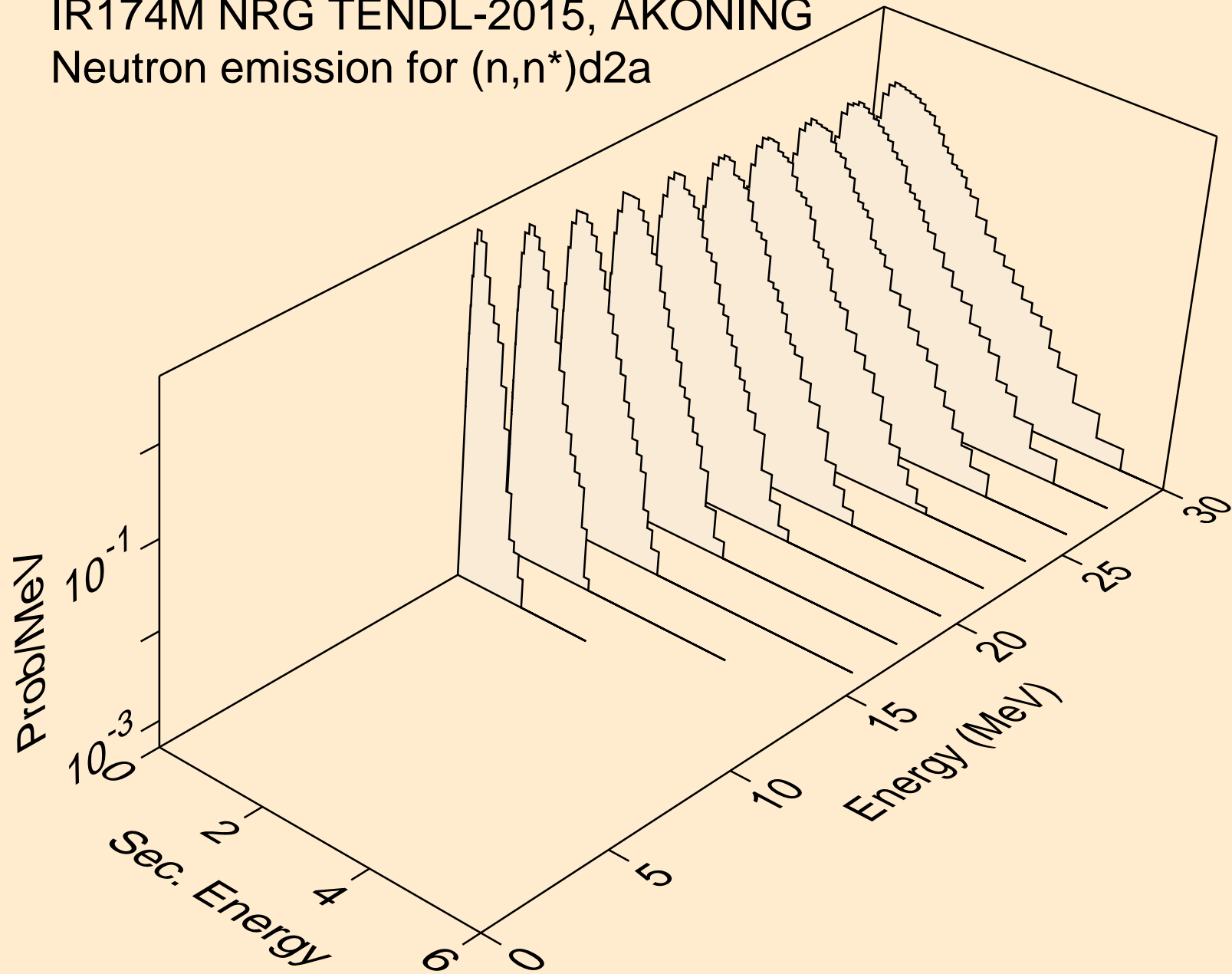
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

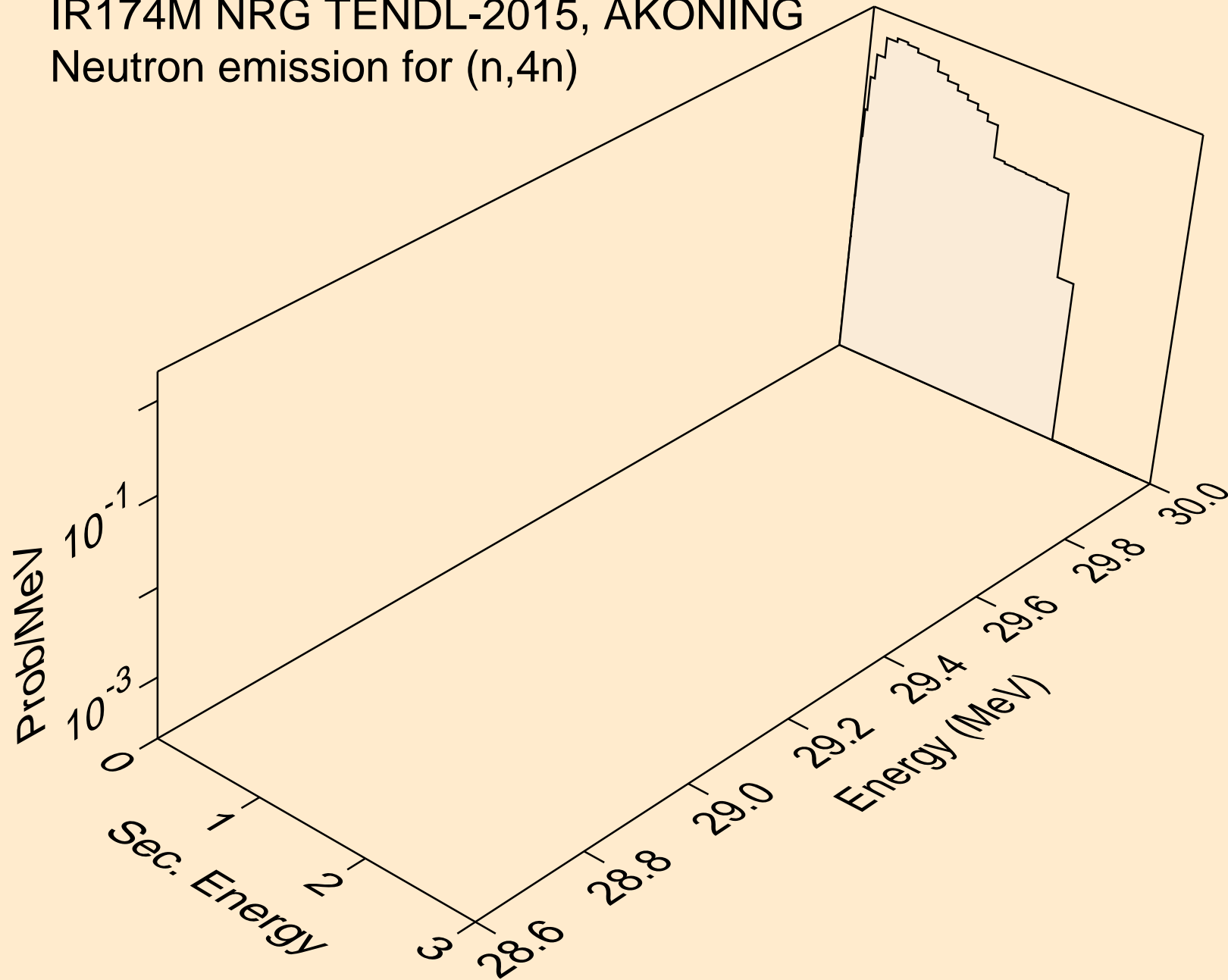


IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a

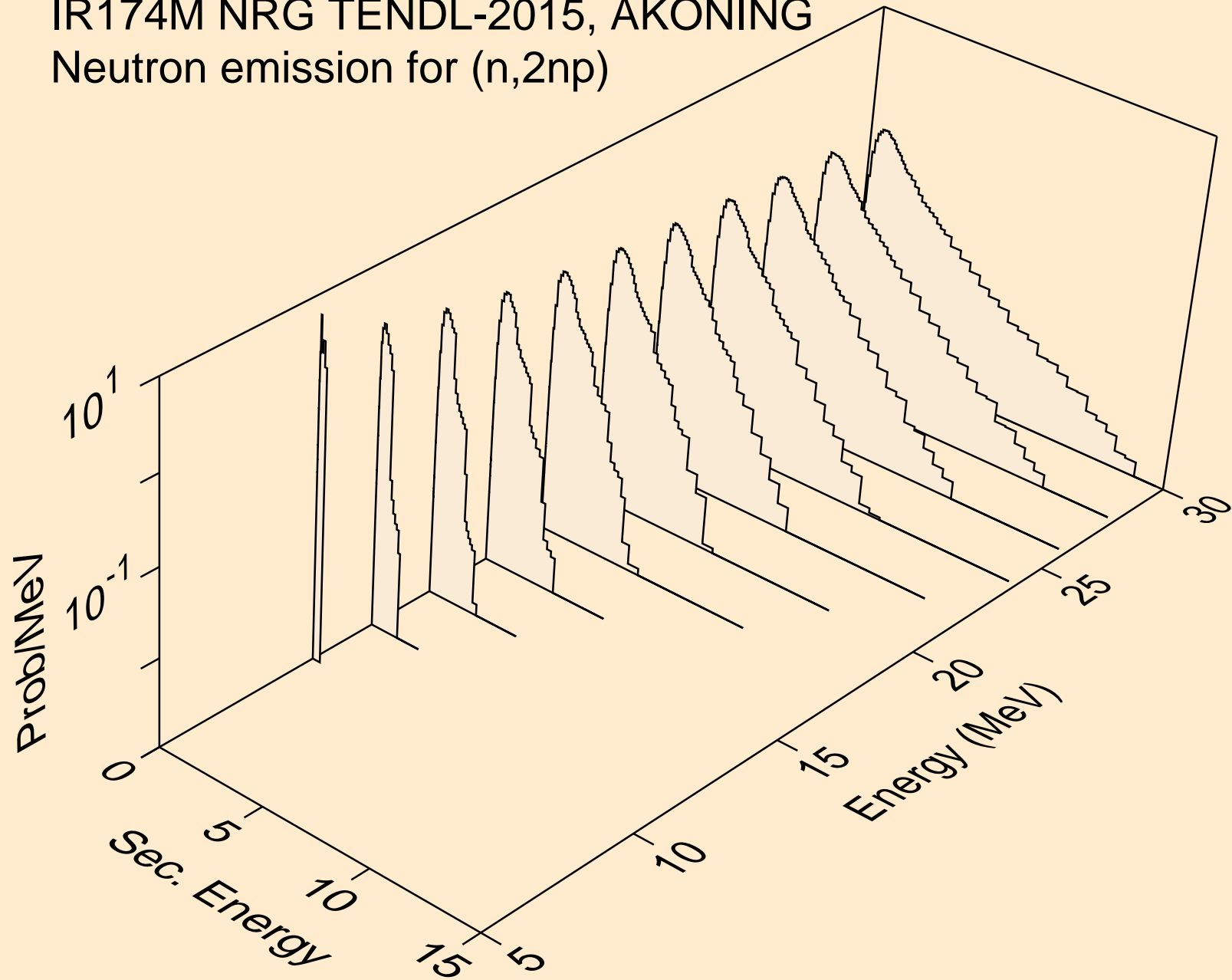




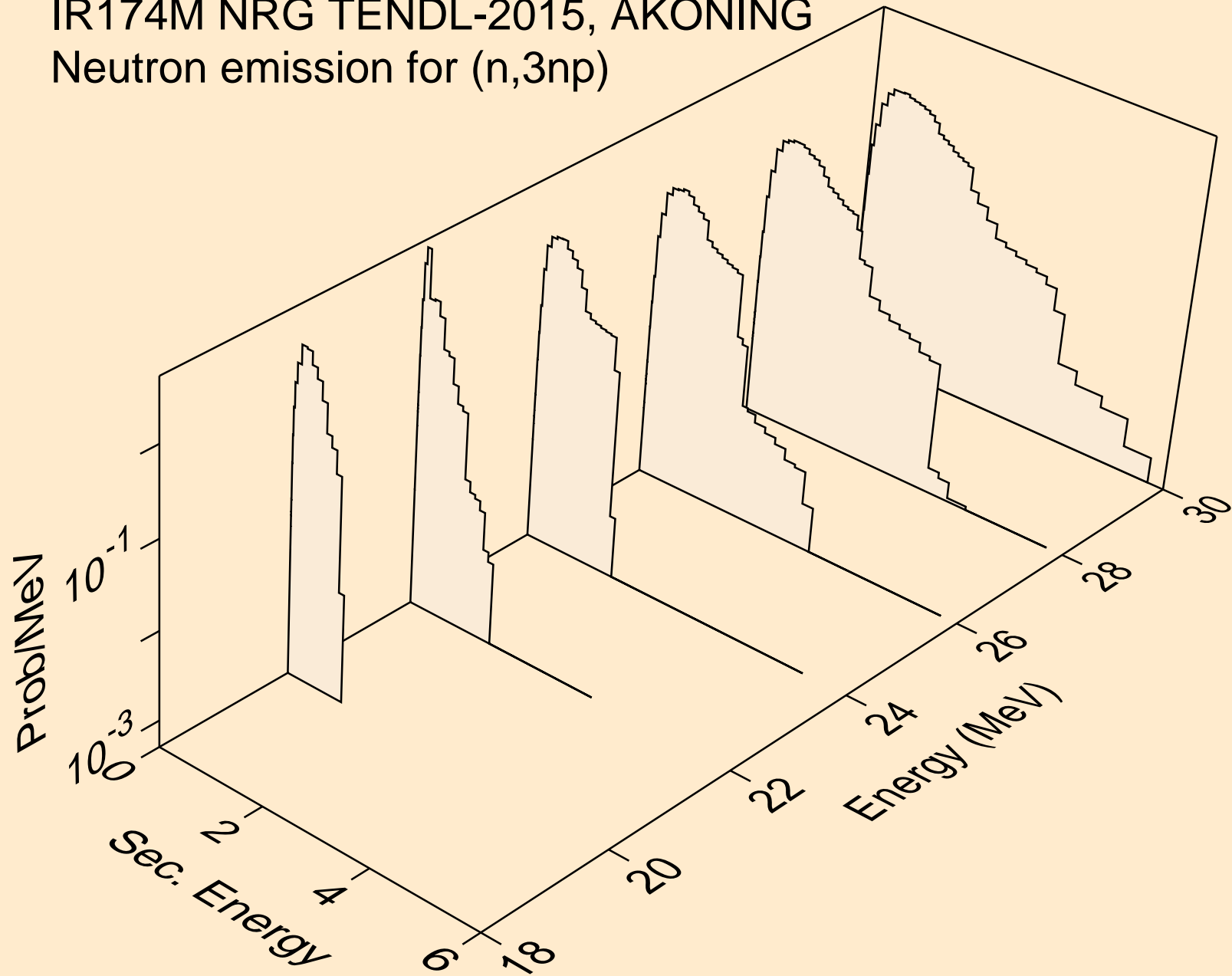
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



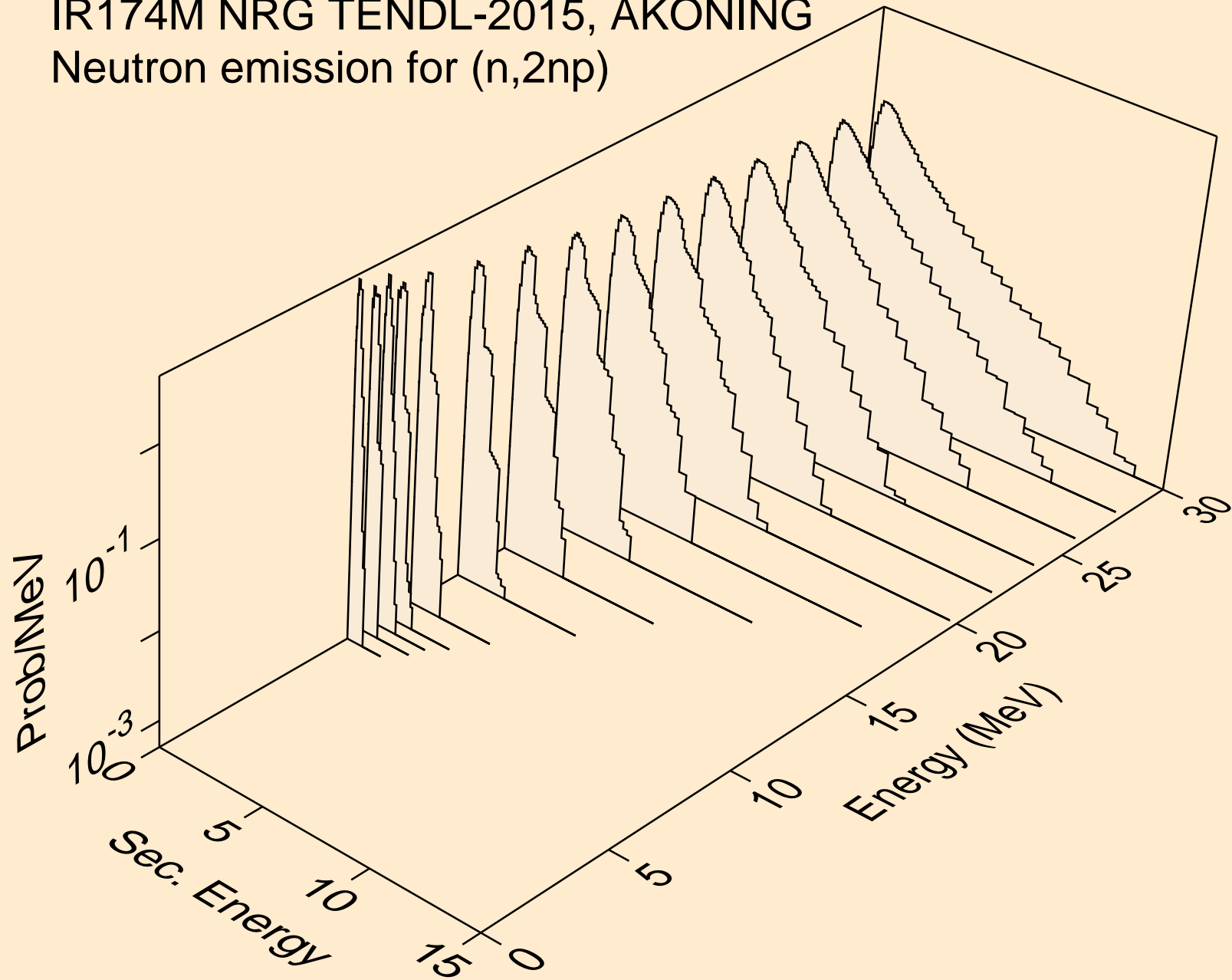
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



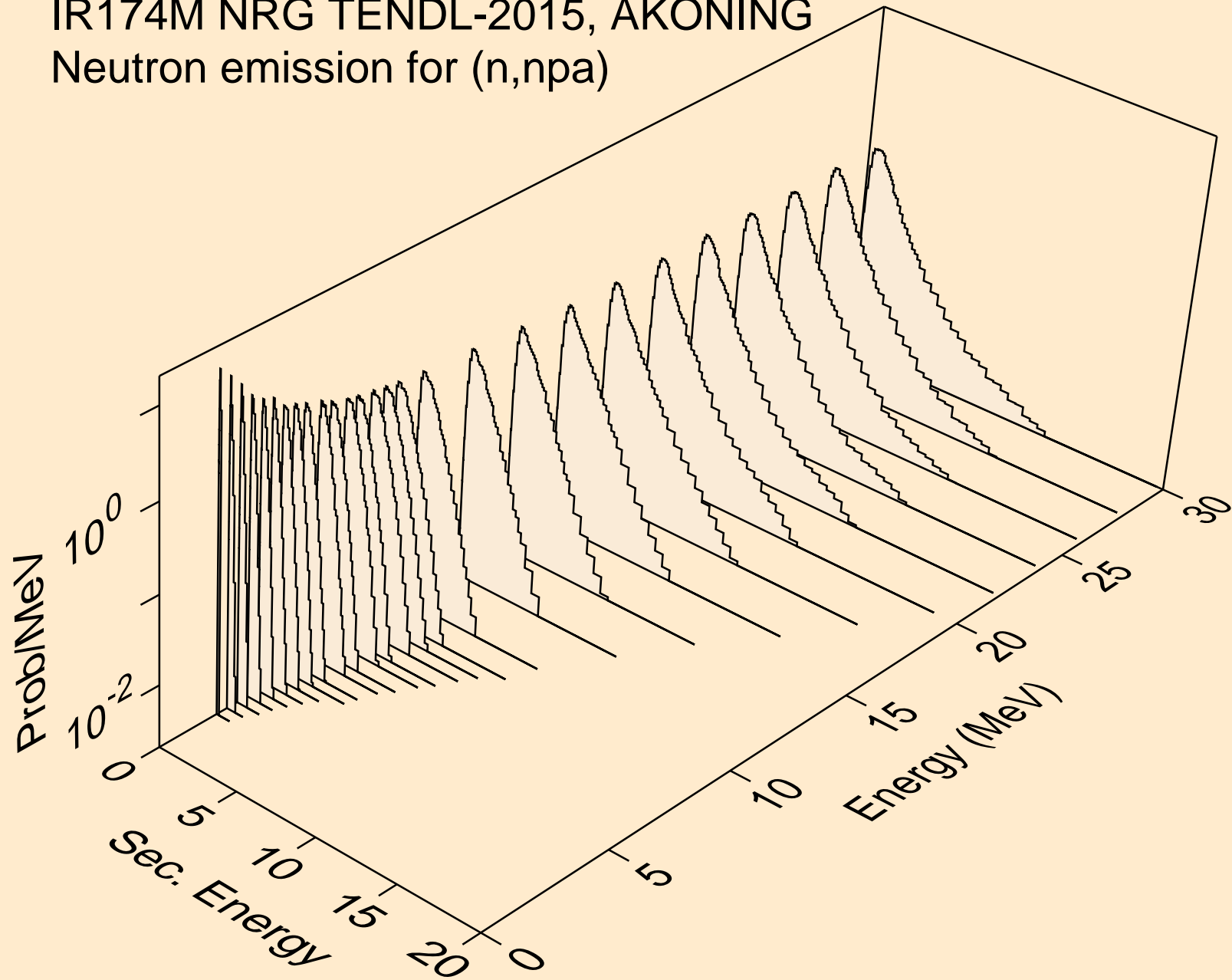
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



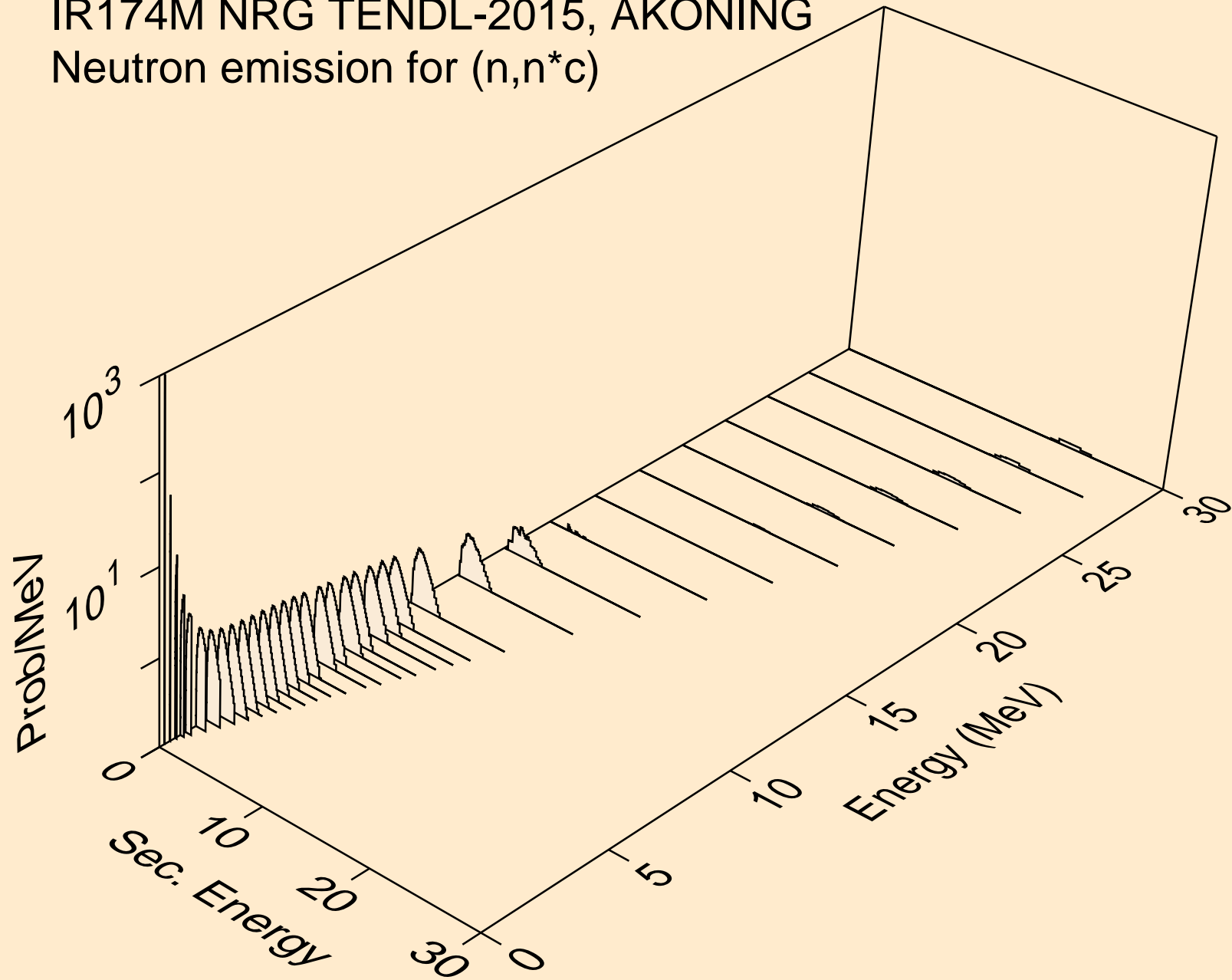
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



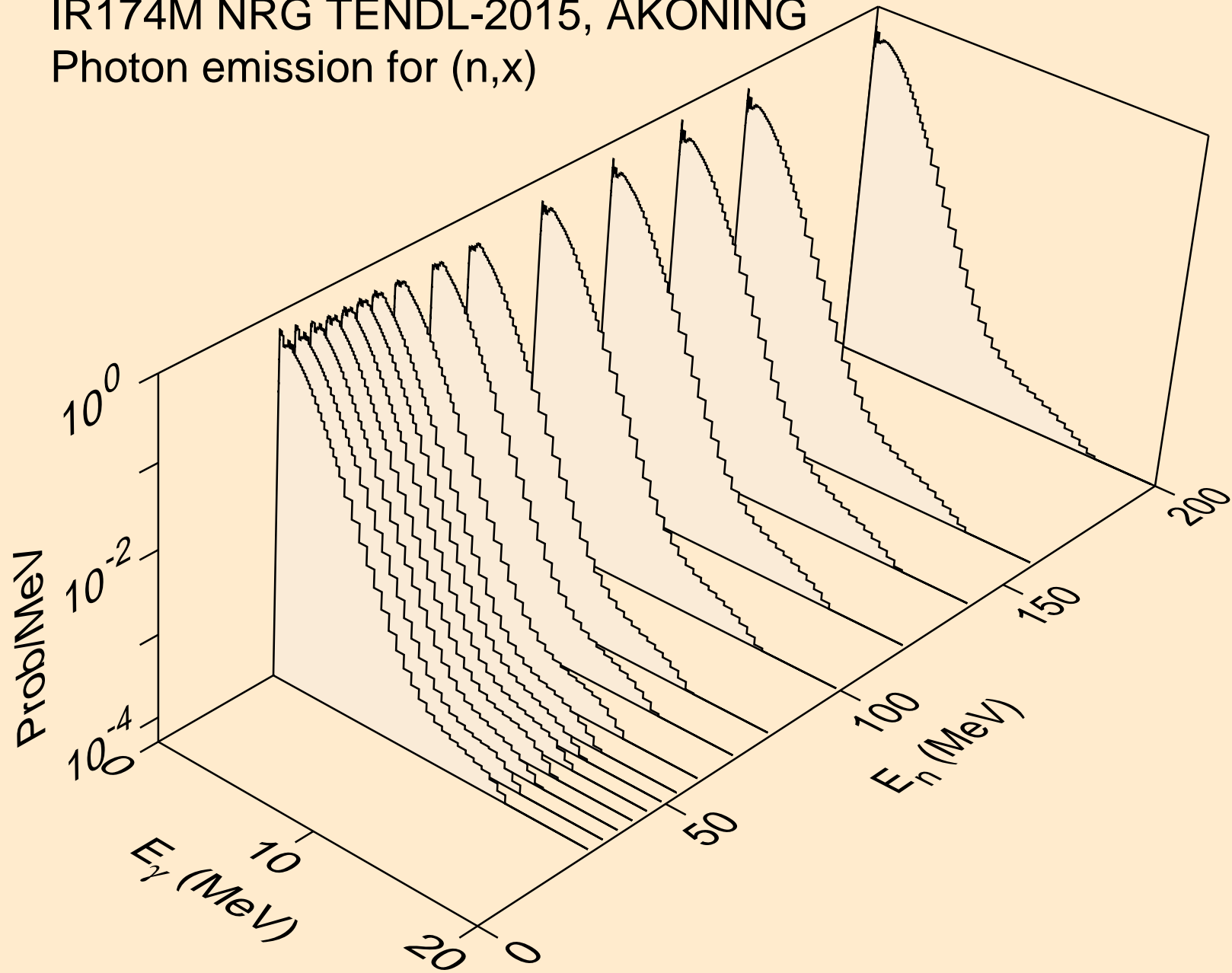
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



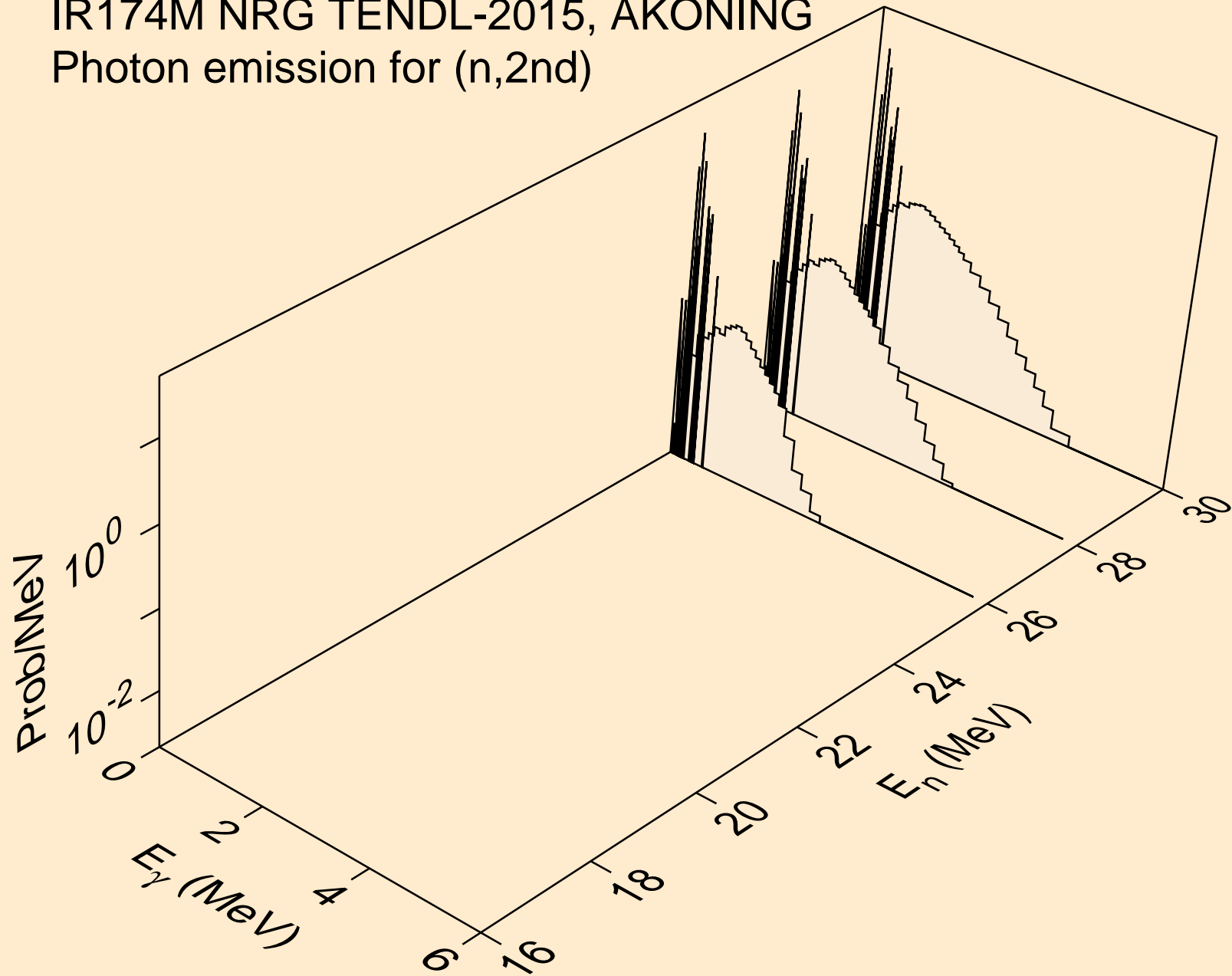
IR174M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,x)

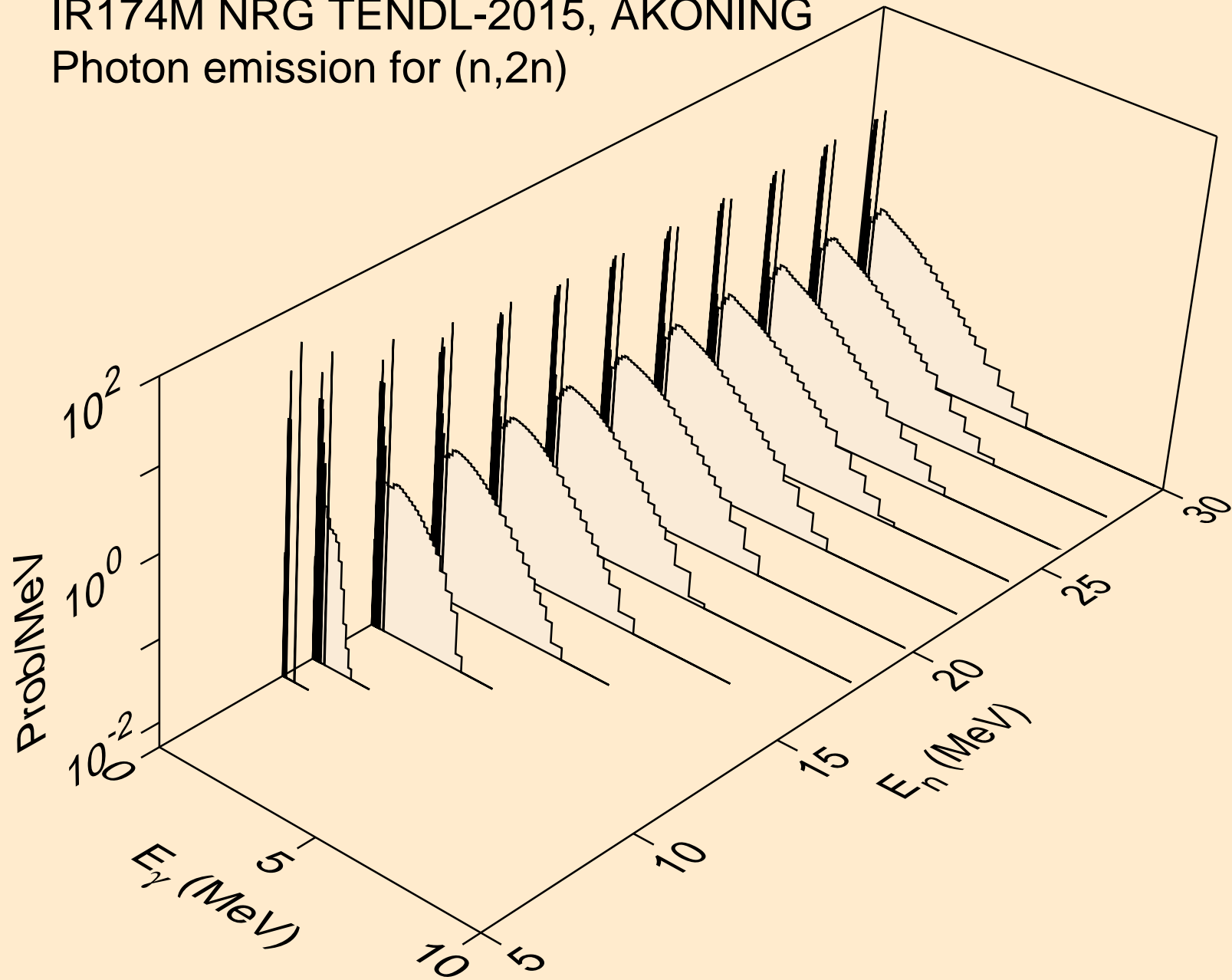


IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

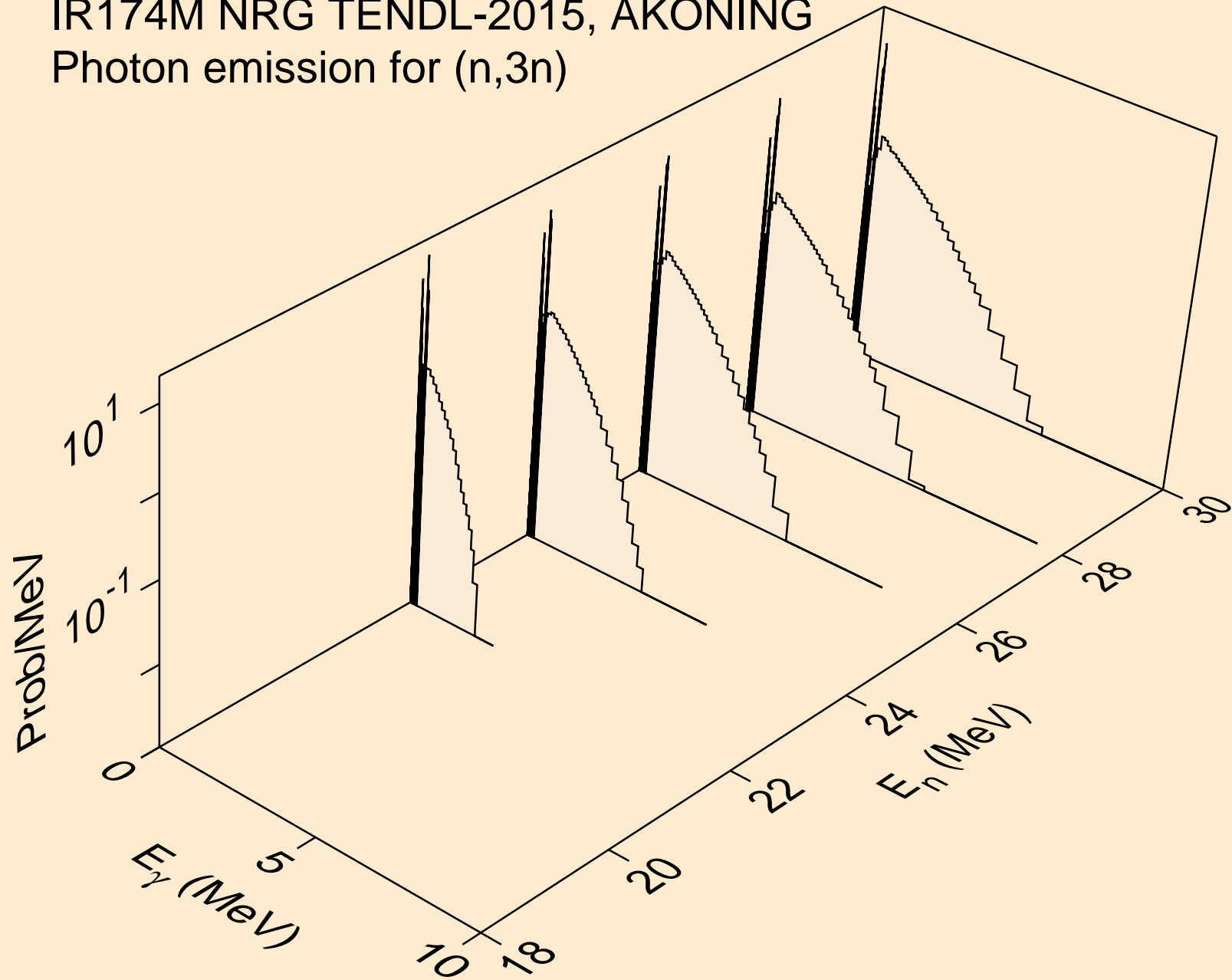




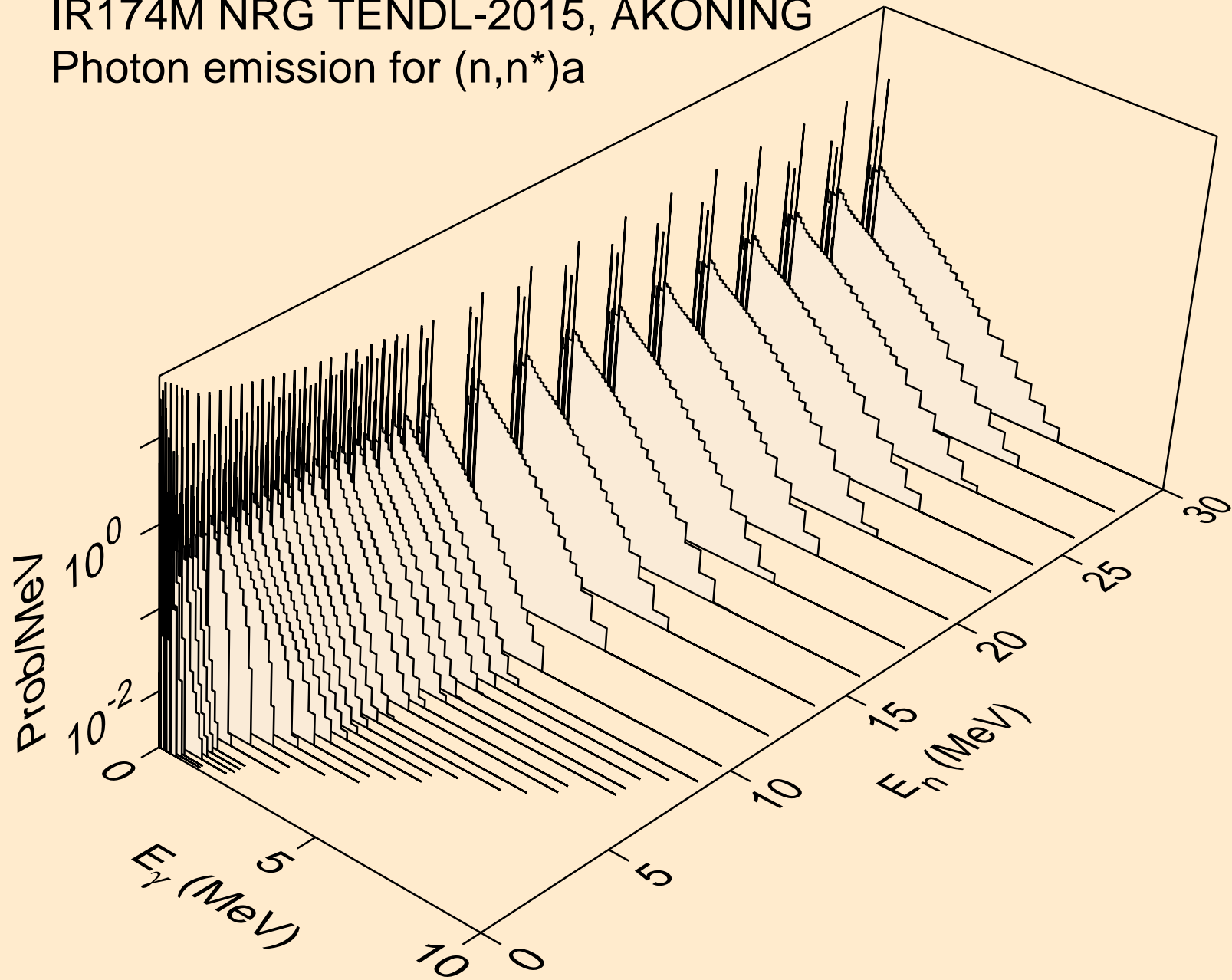
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



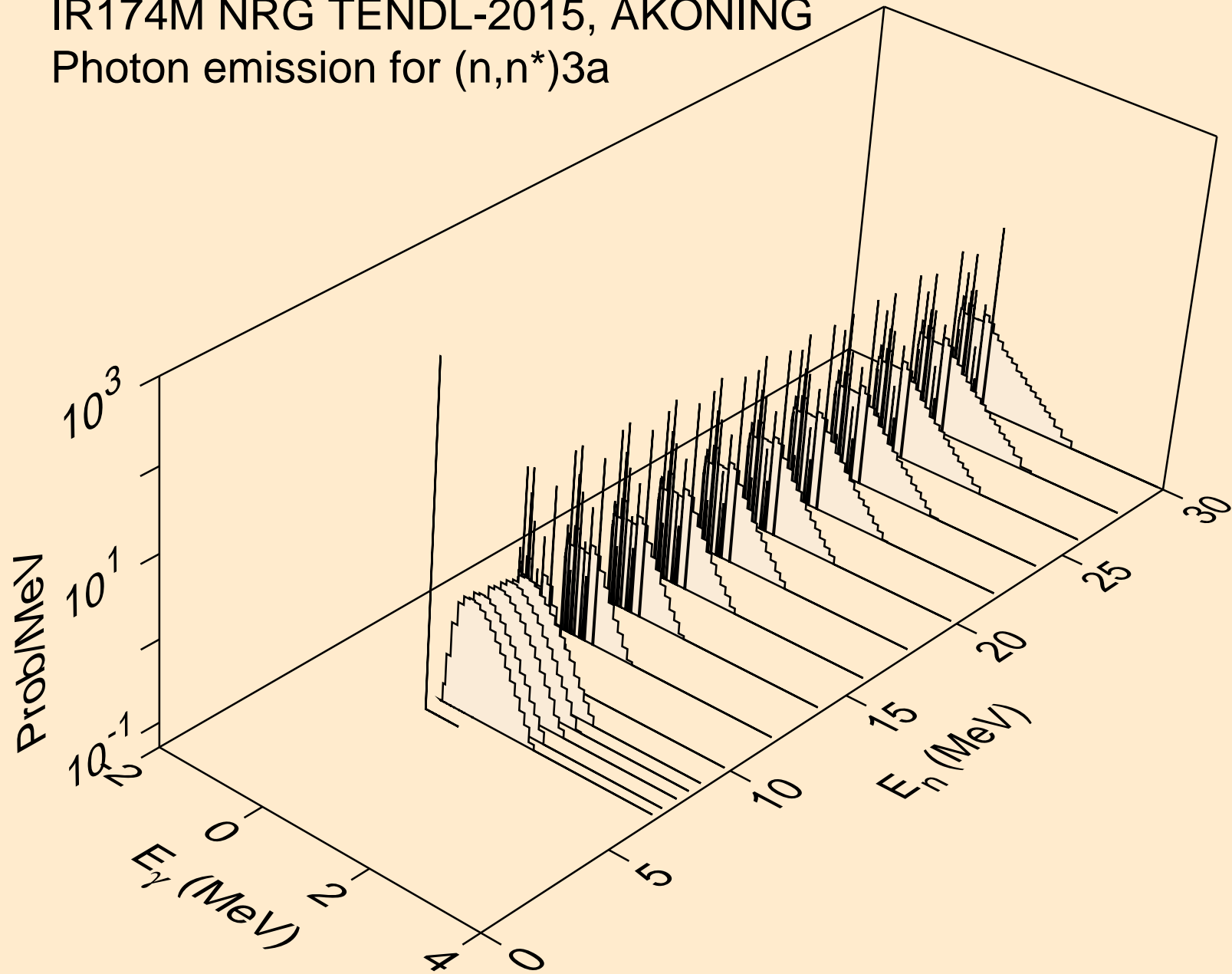
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



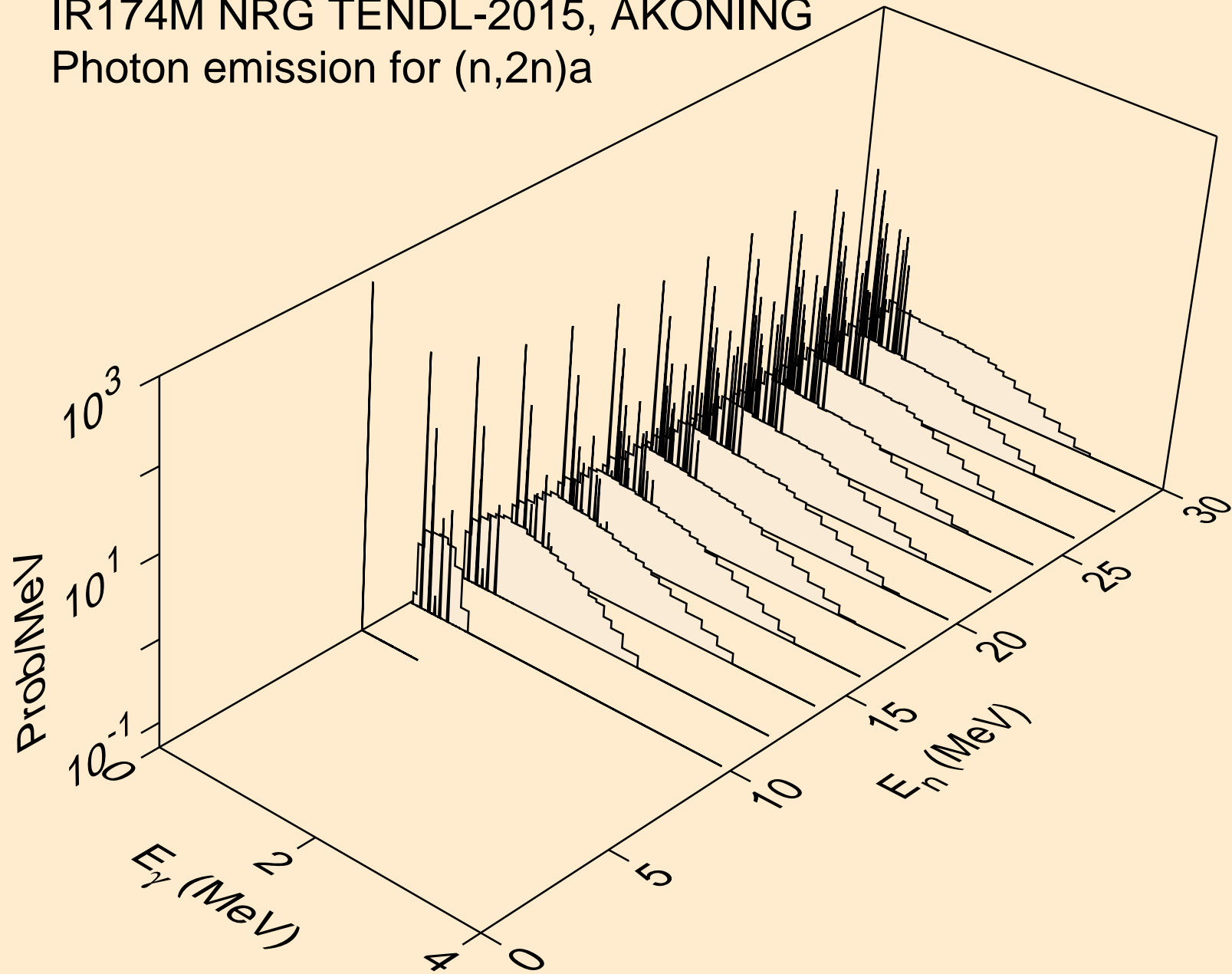
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



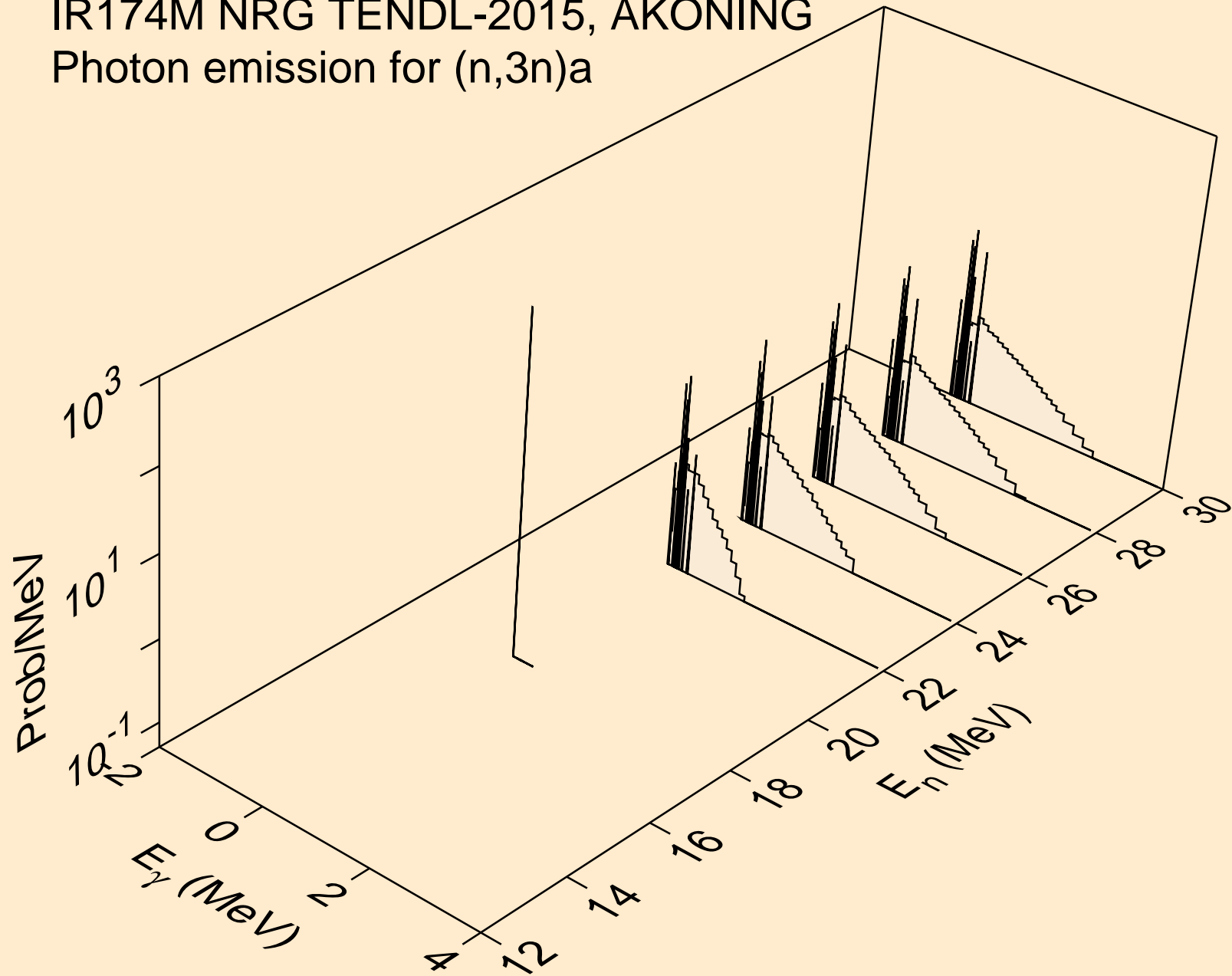
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



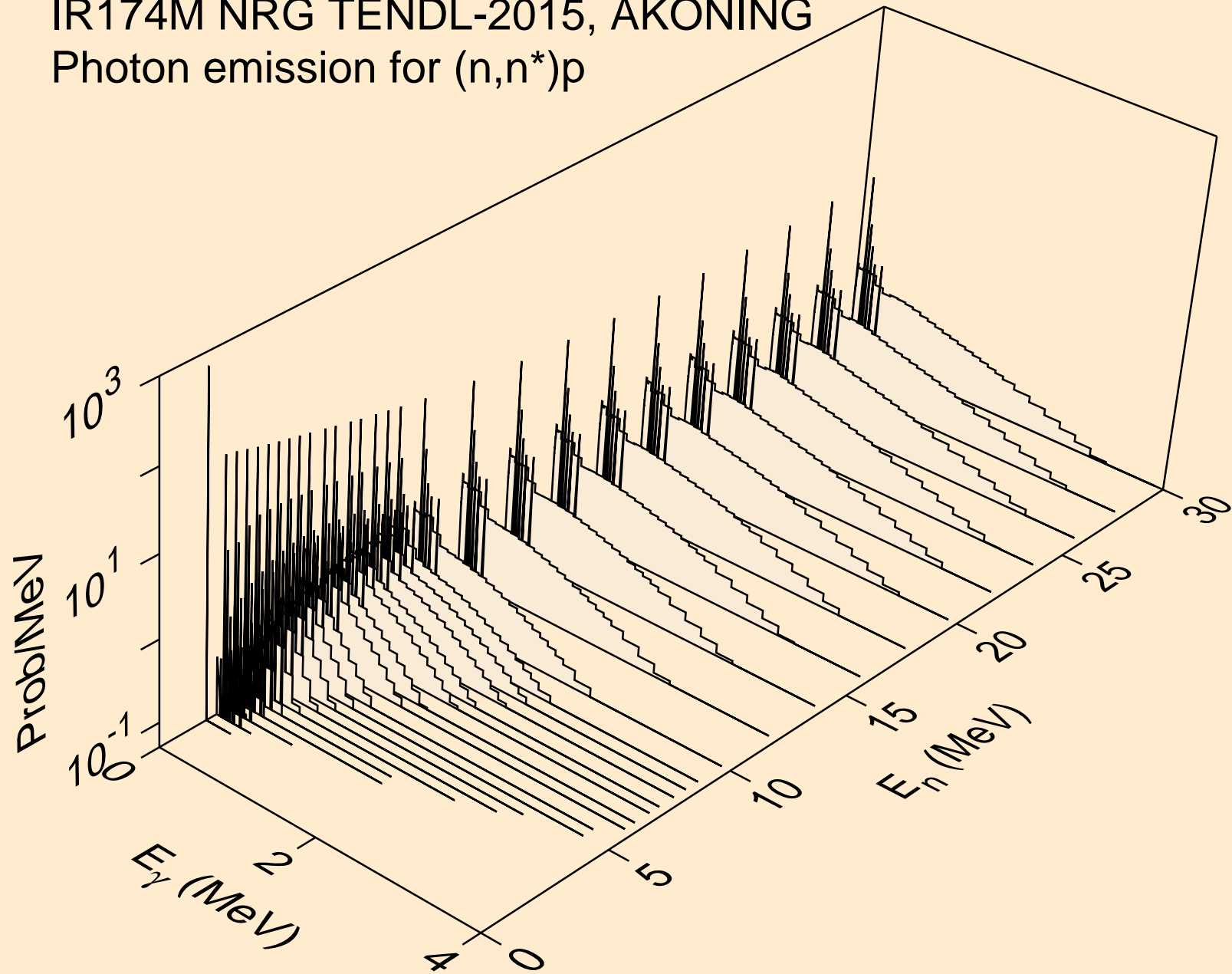
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



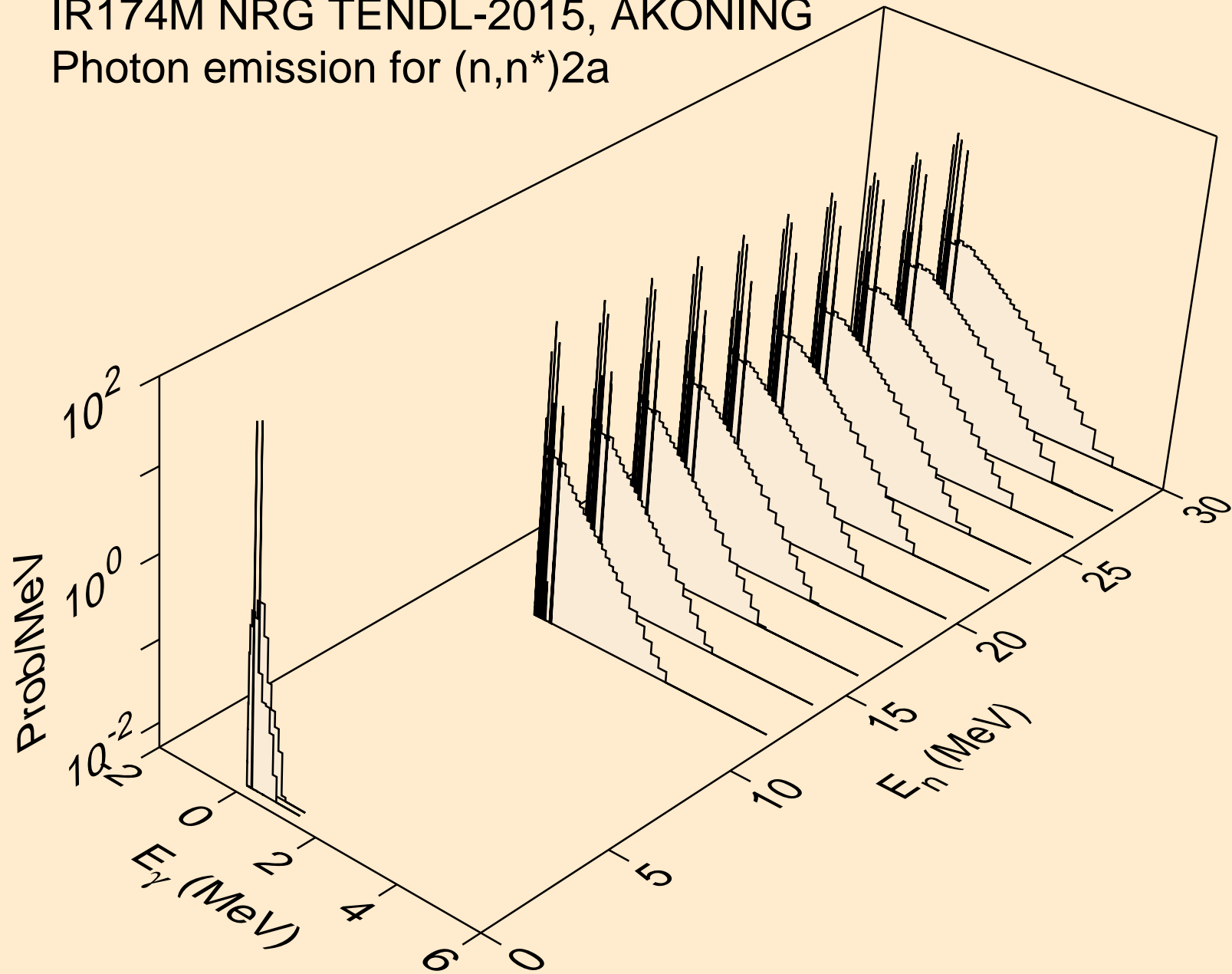
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

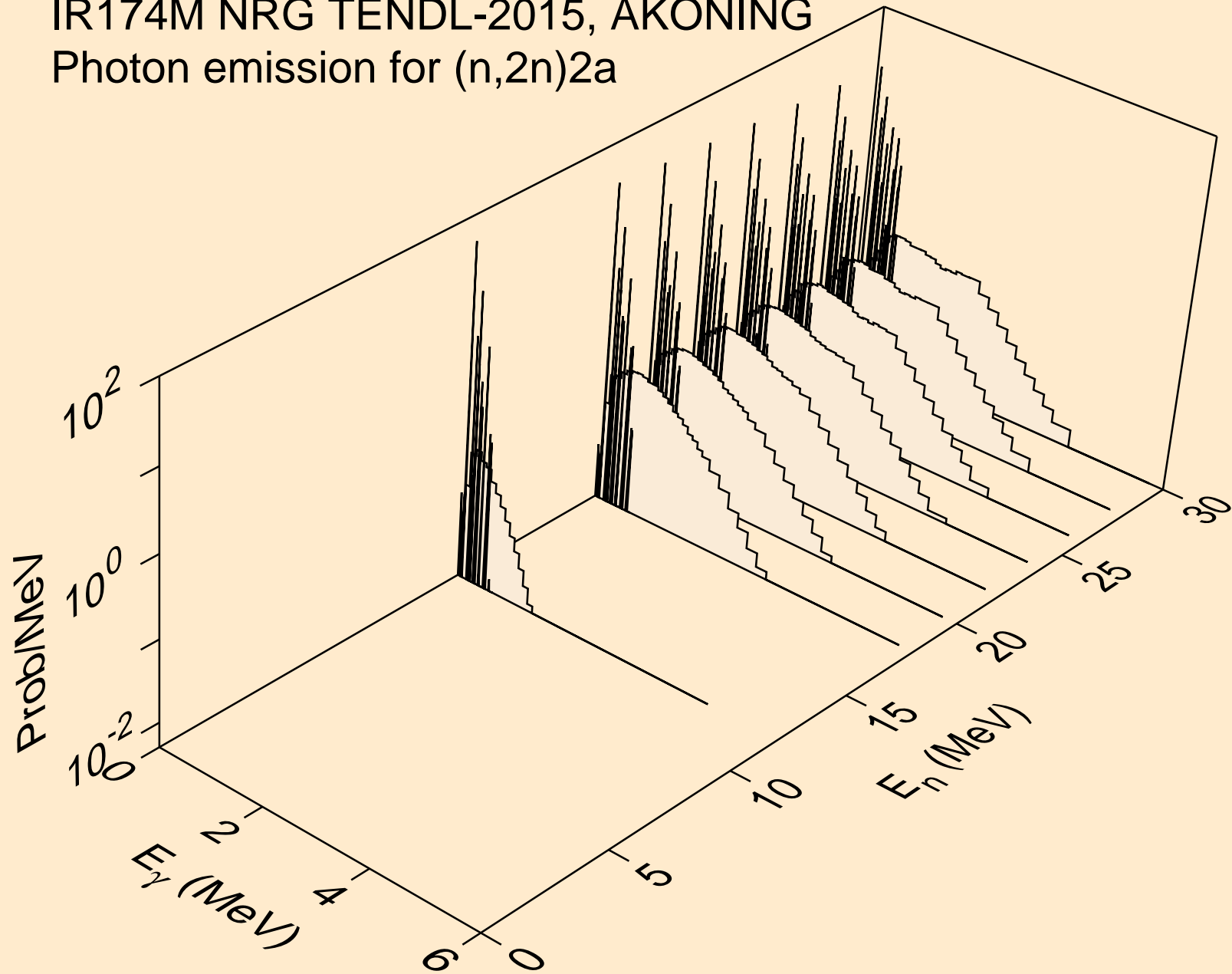


IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a

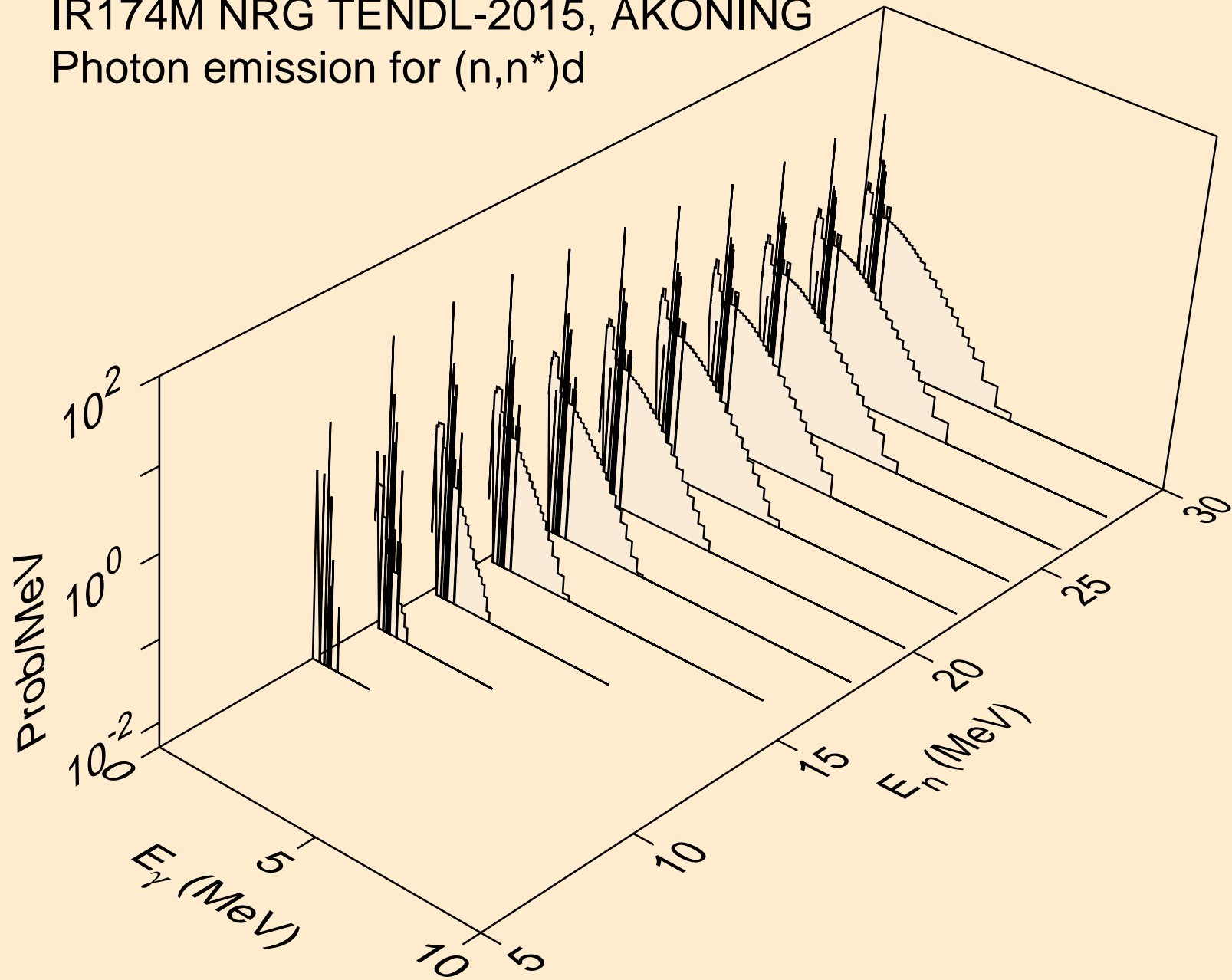




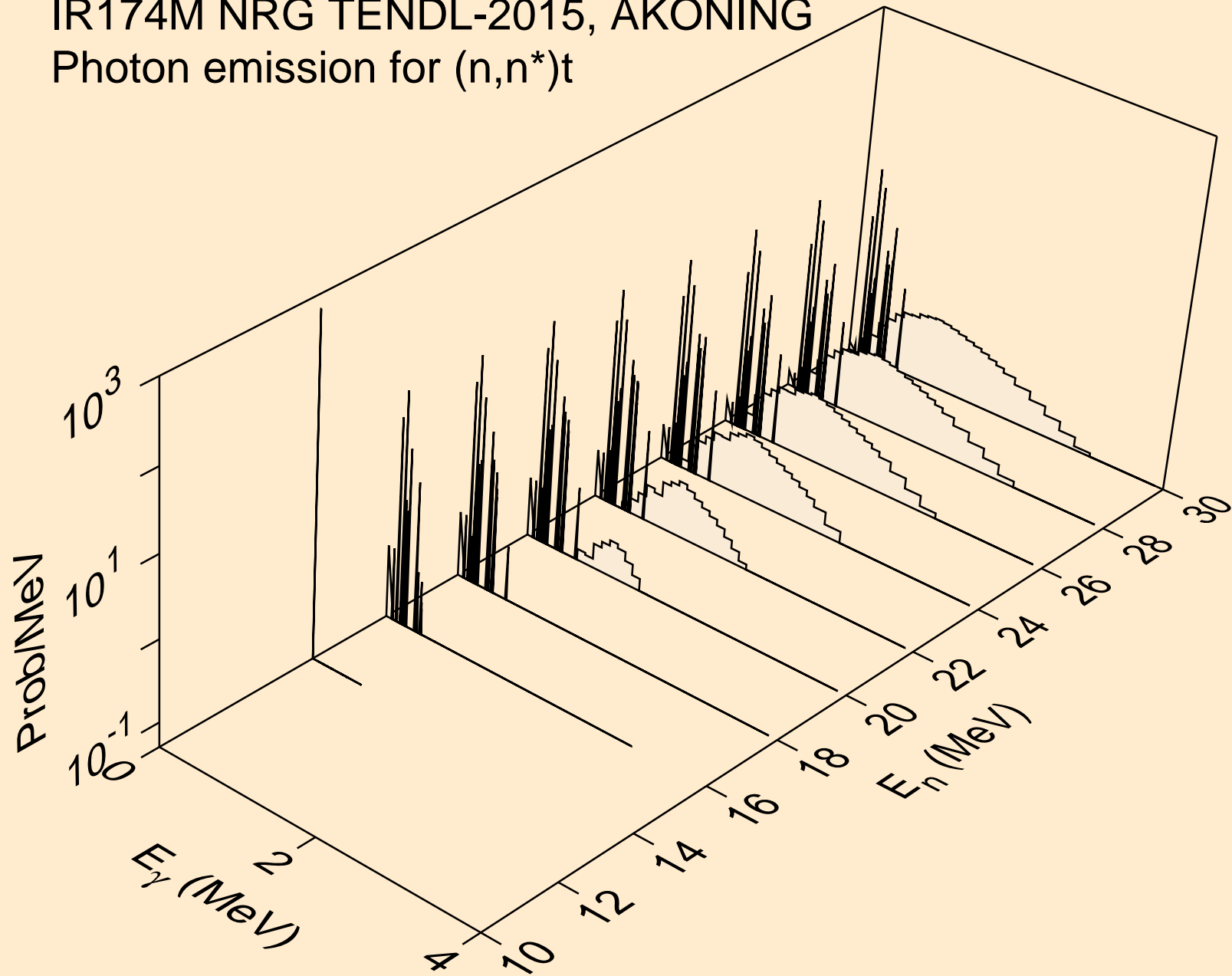
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



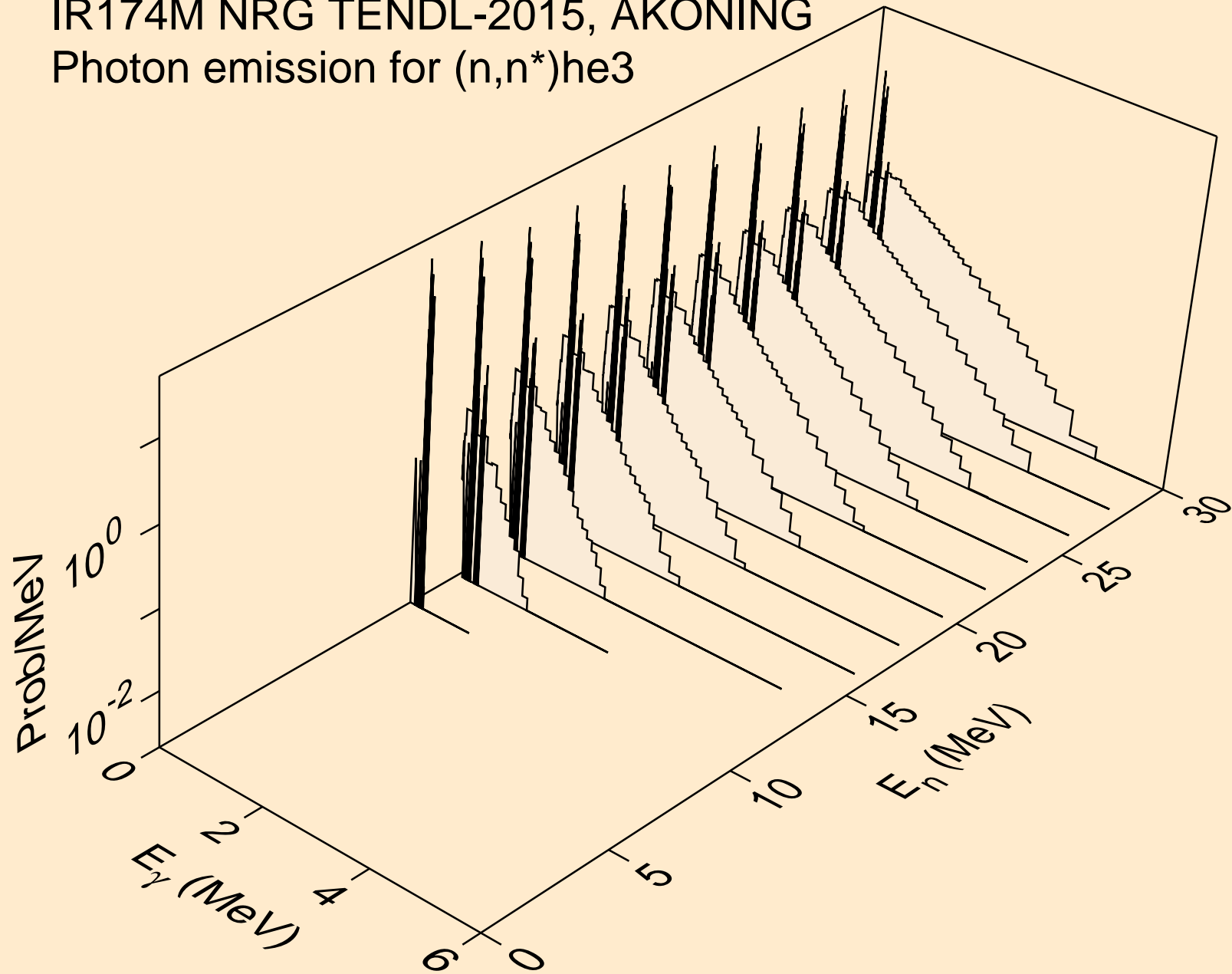
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



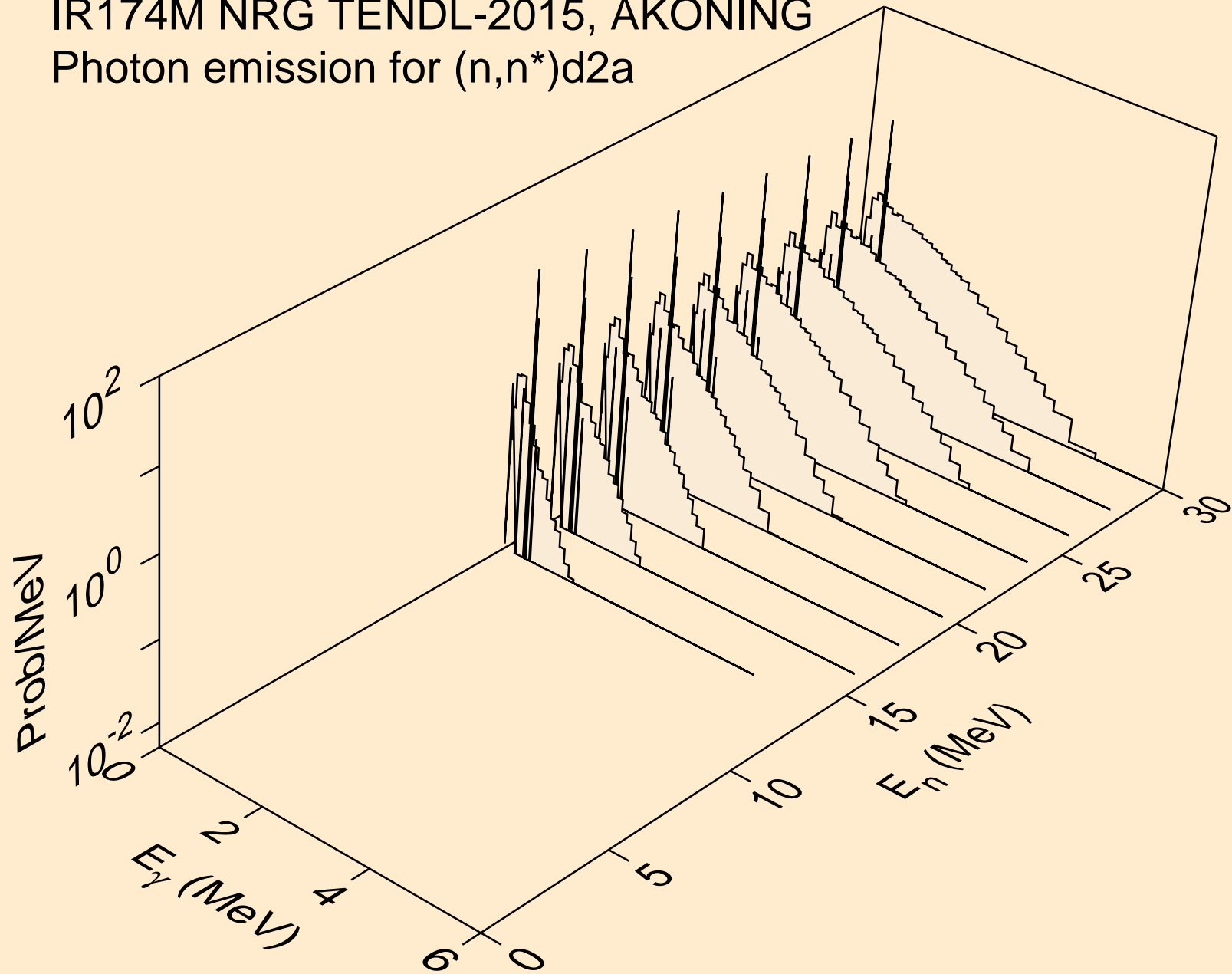
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



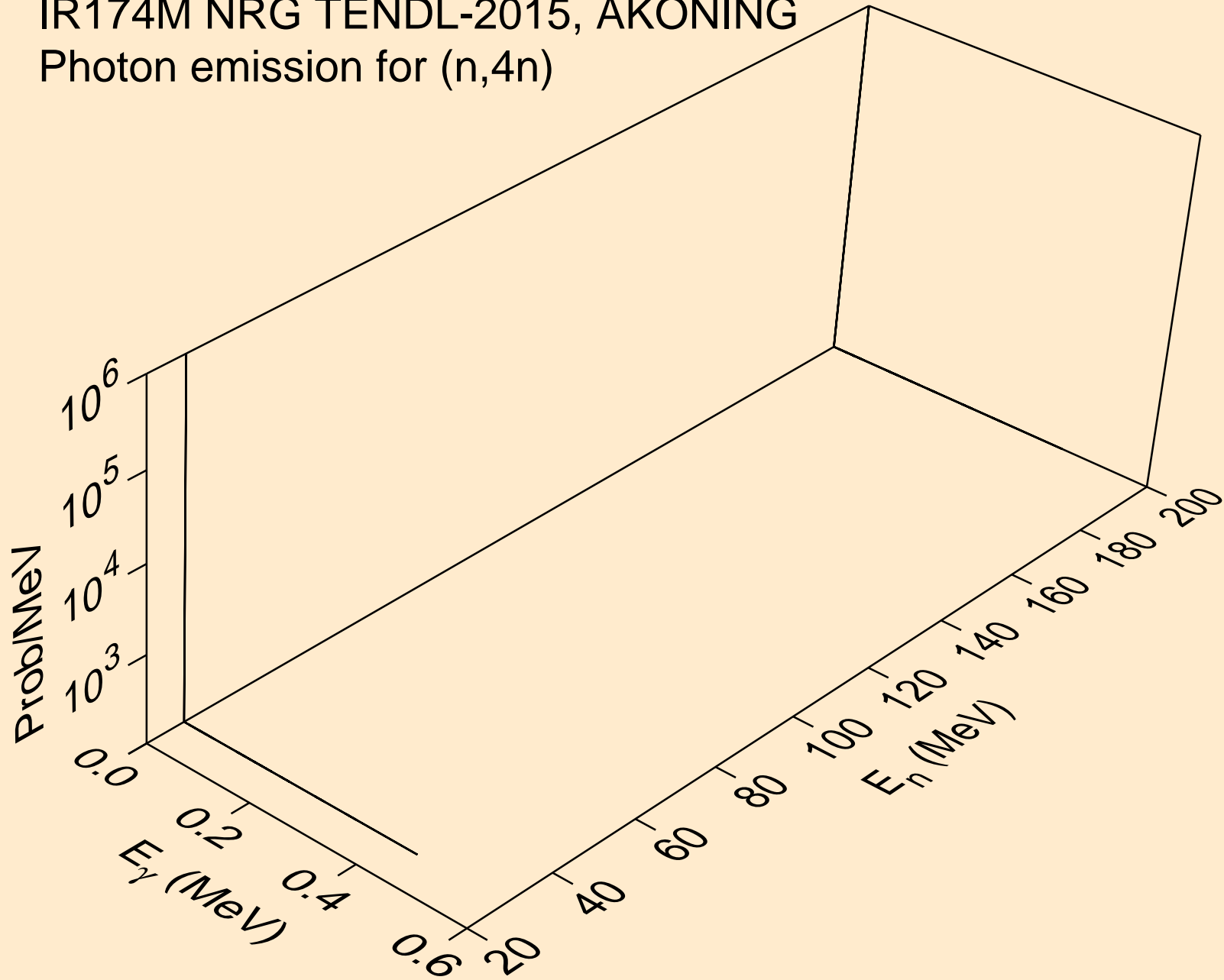
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



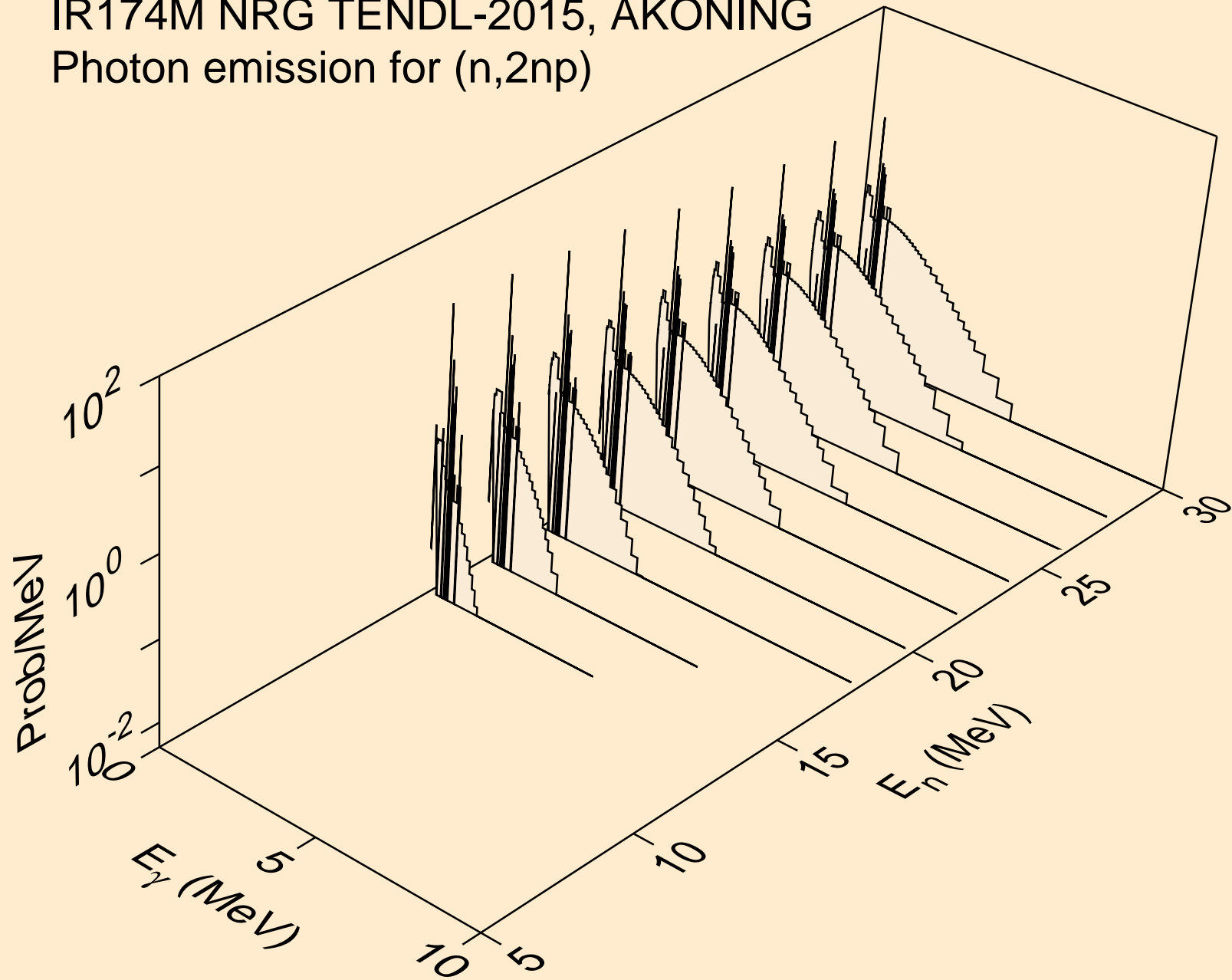
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



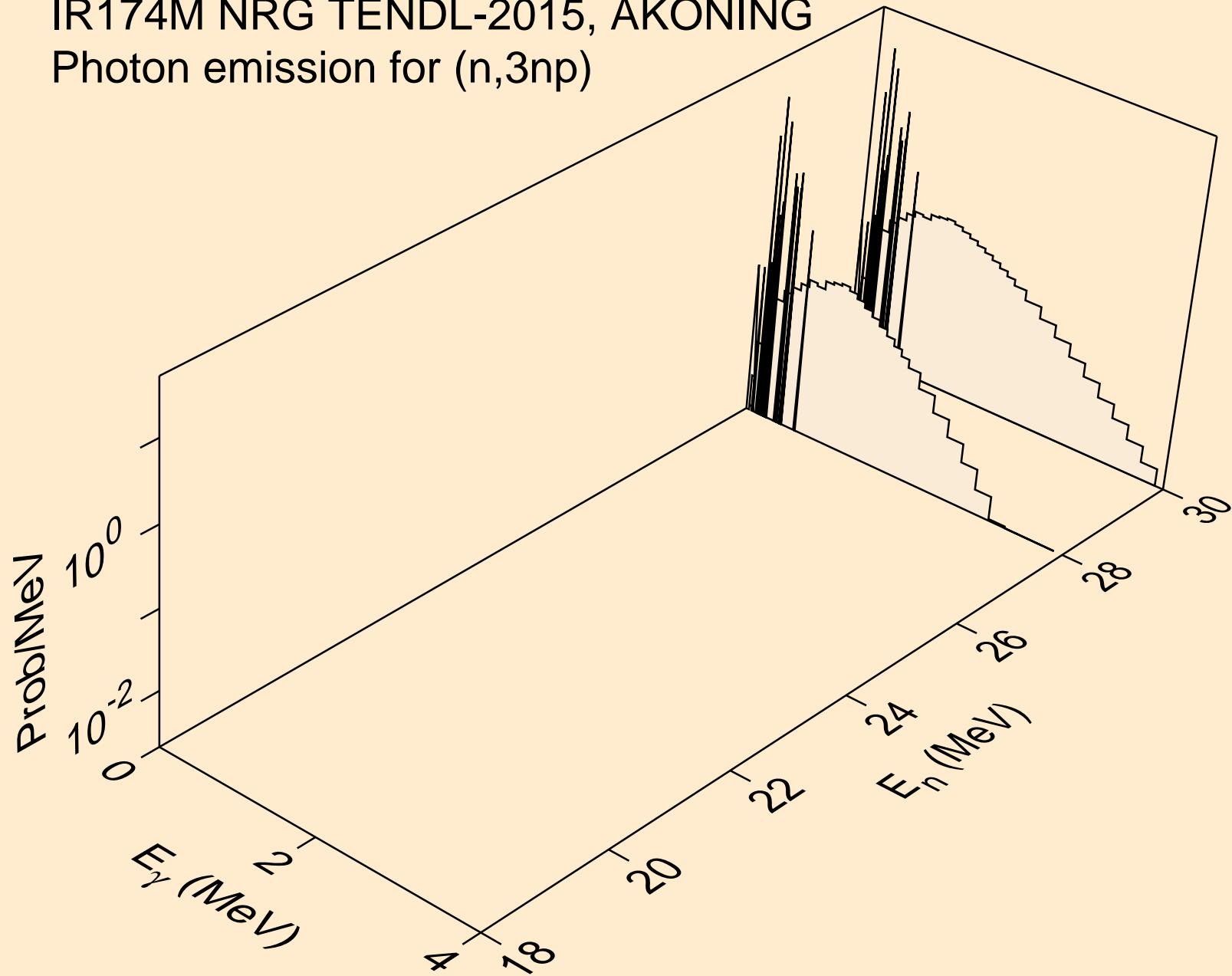
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

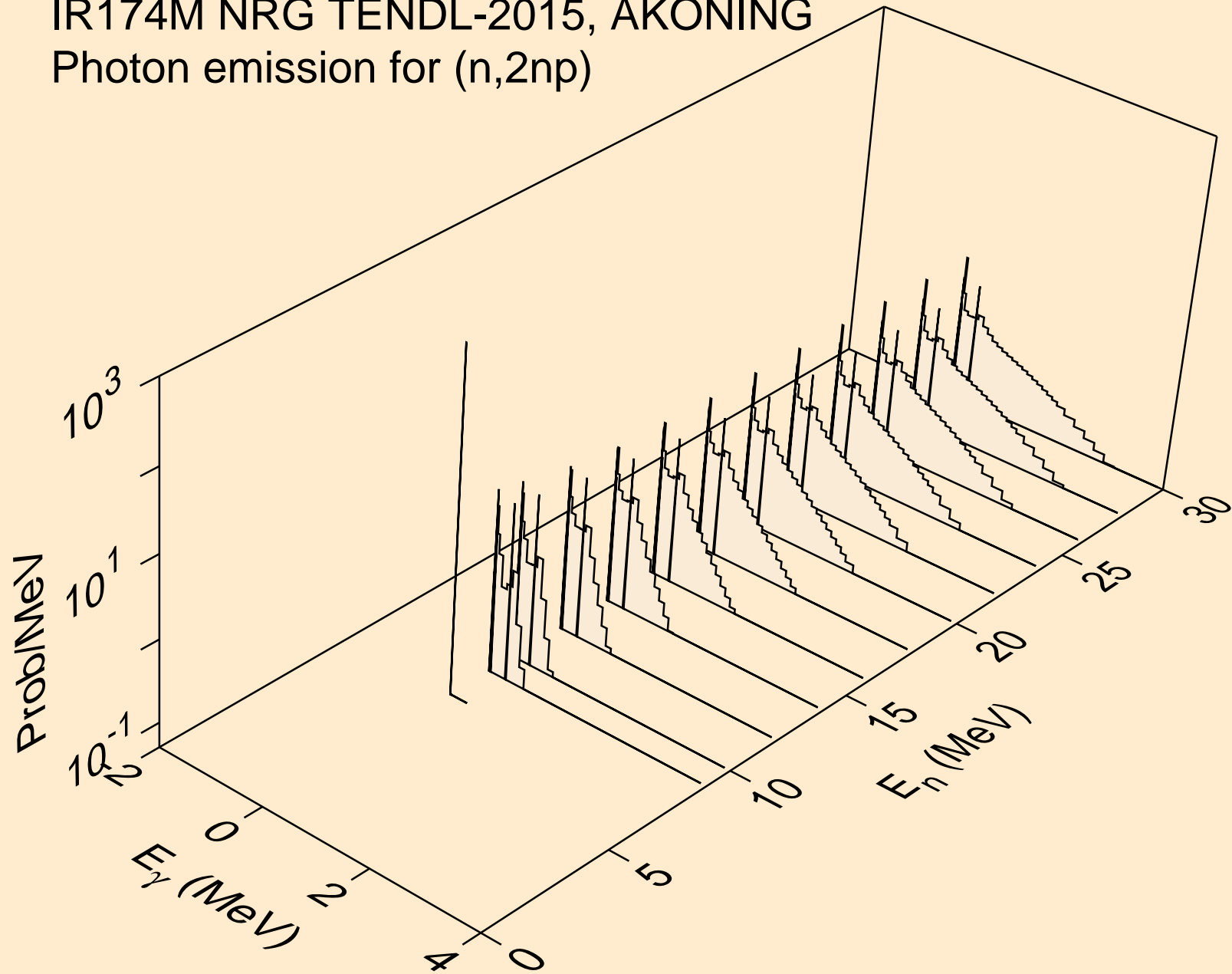


IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

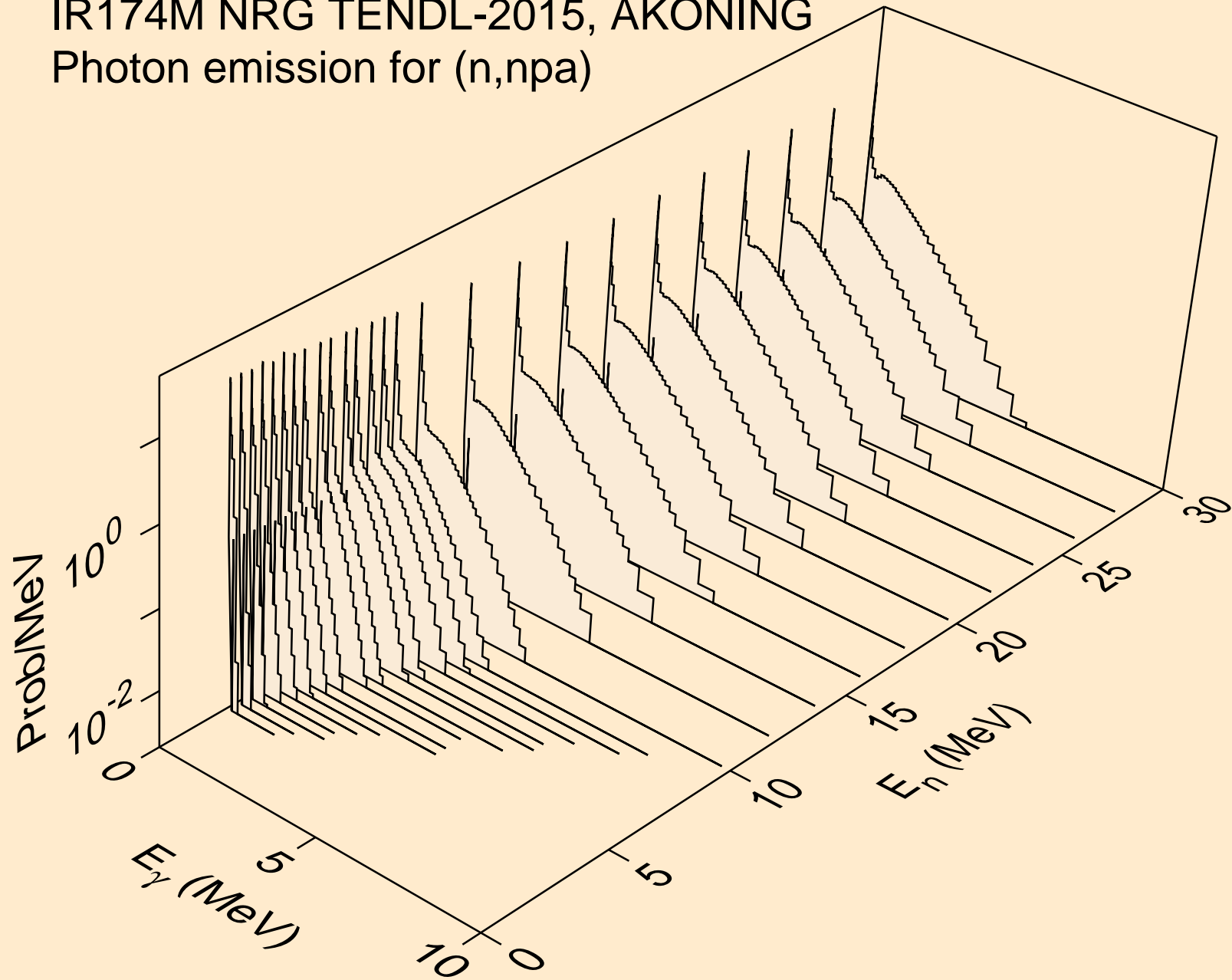




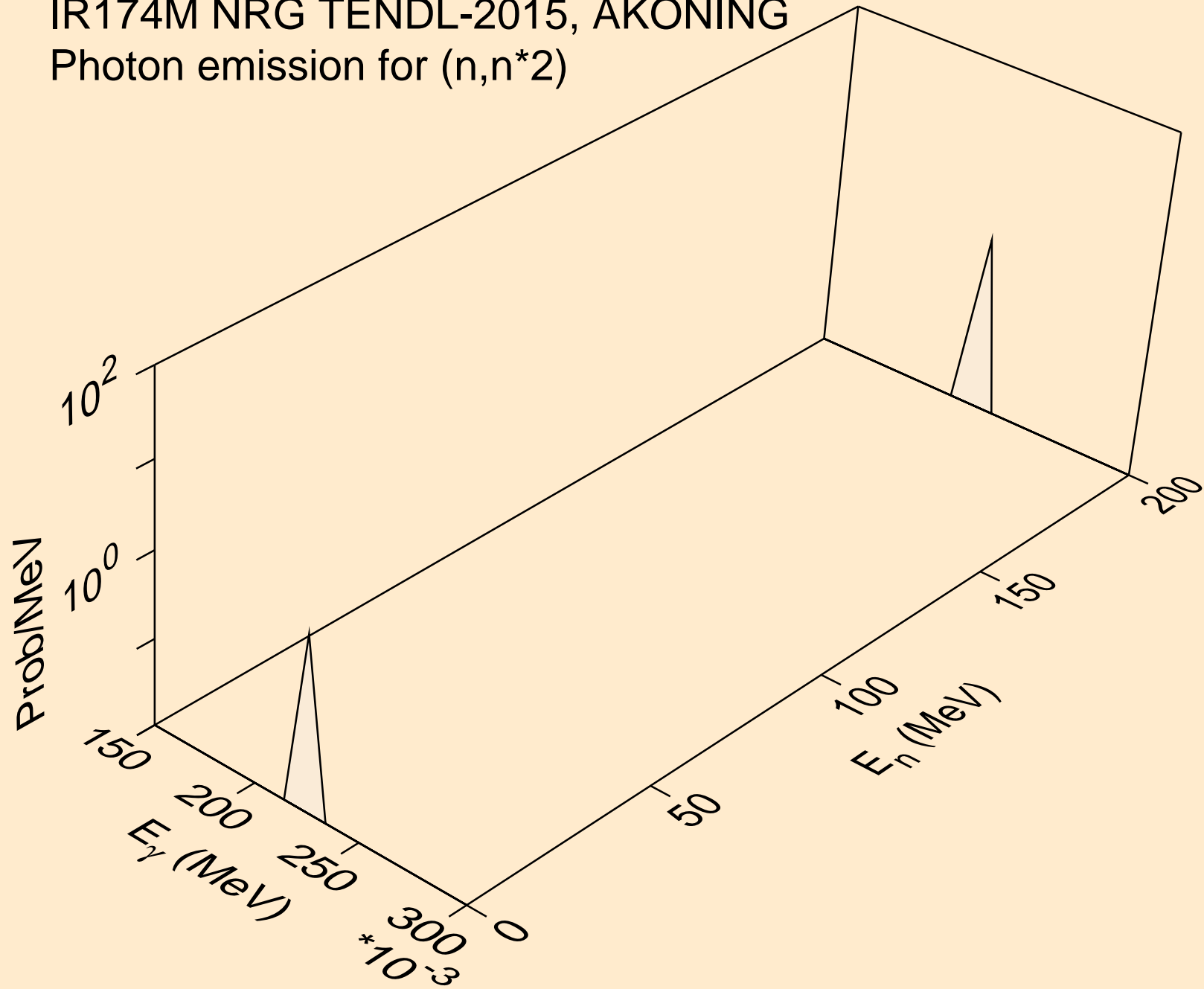
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



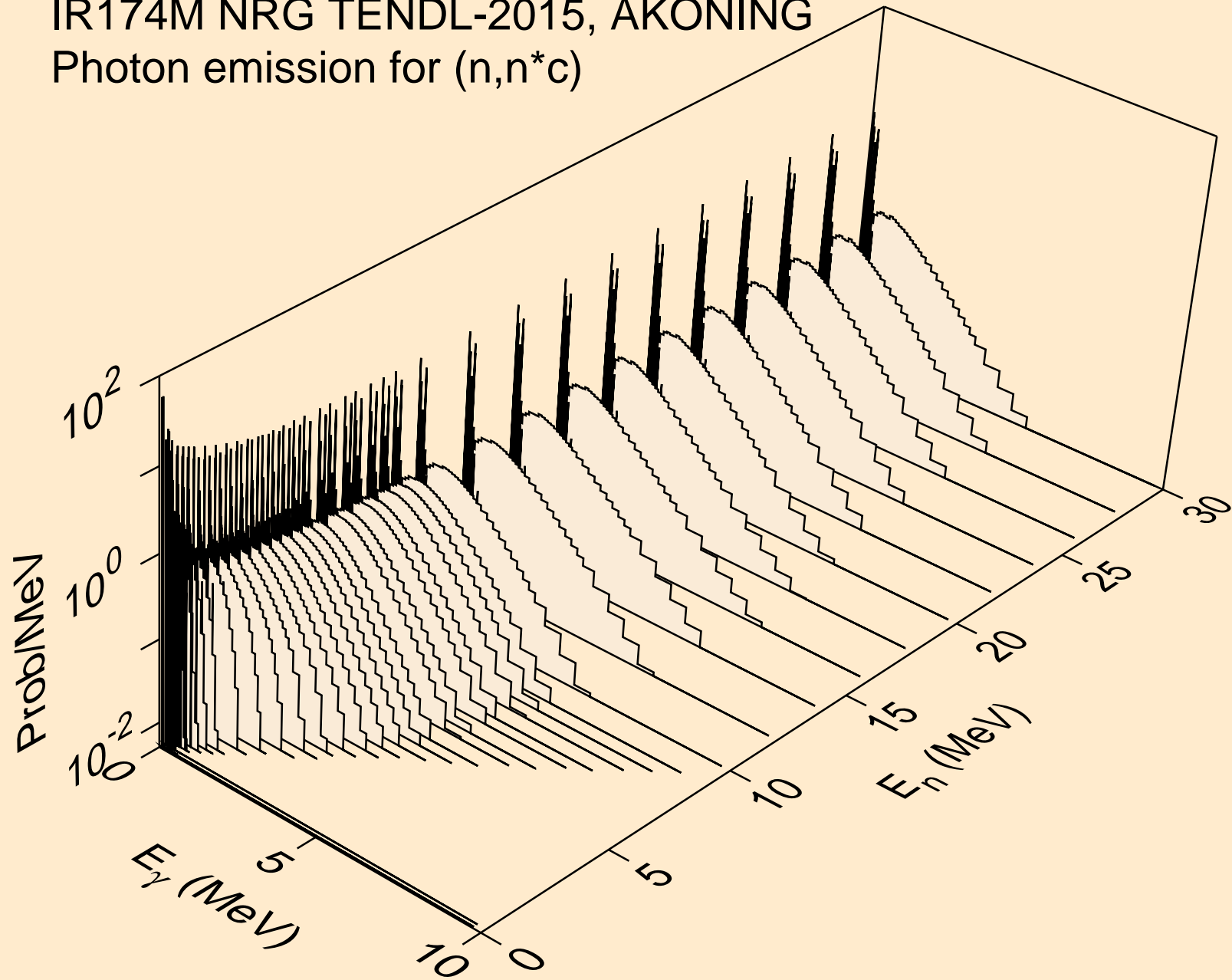
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



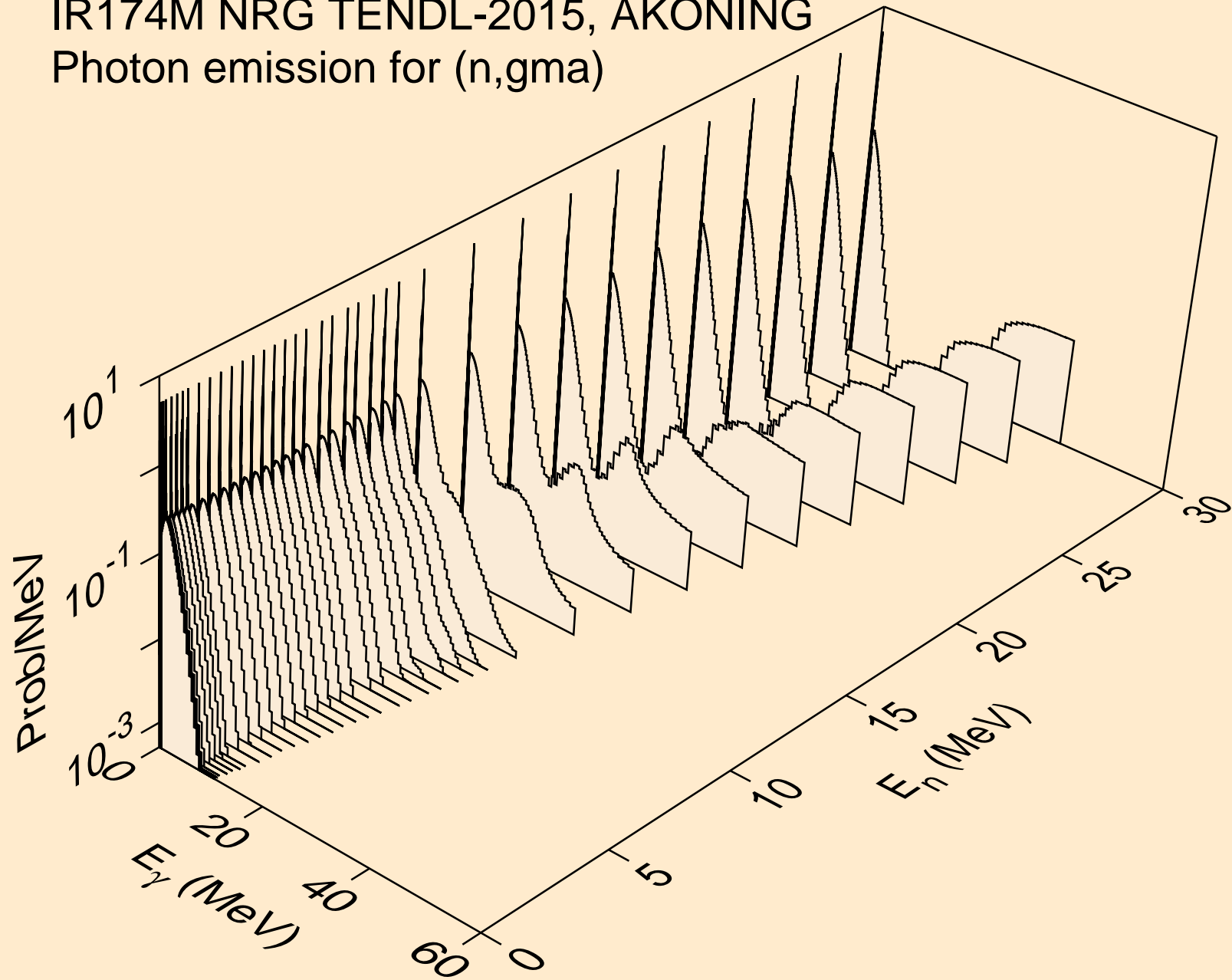
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



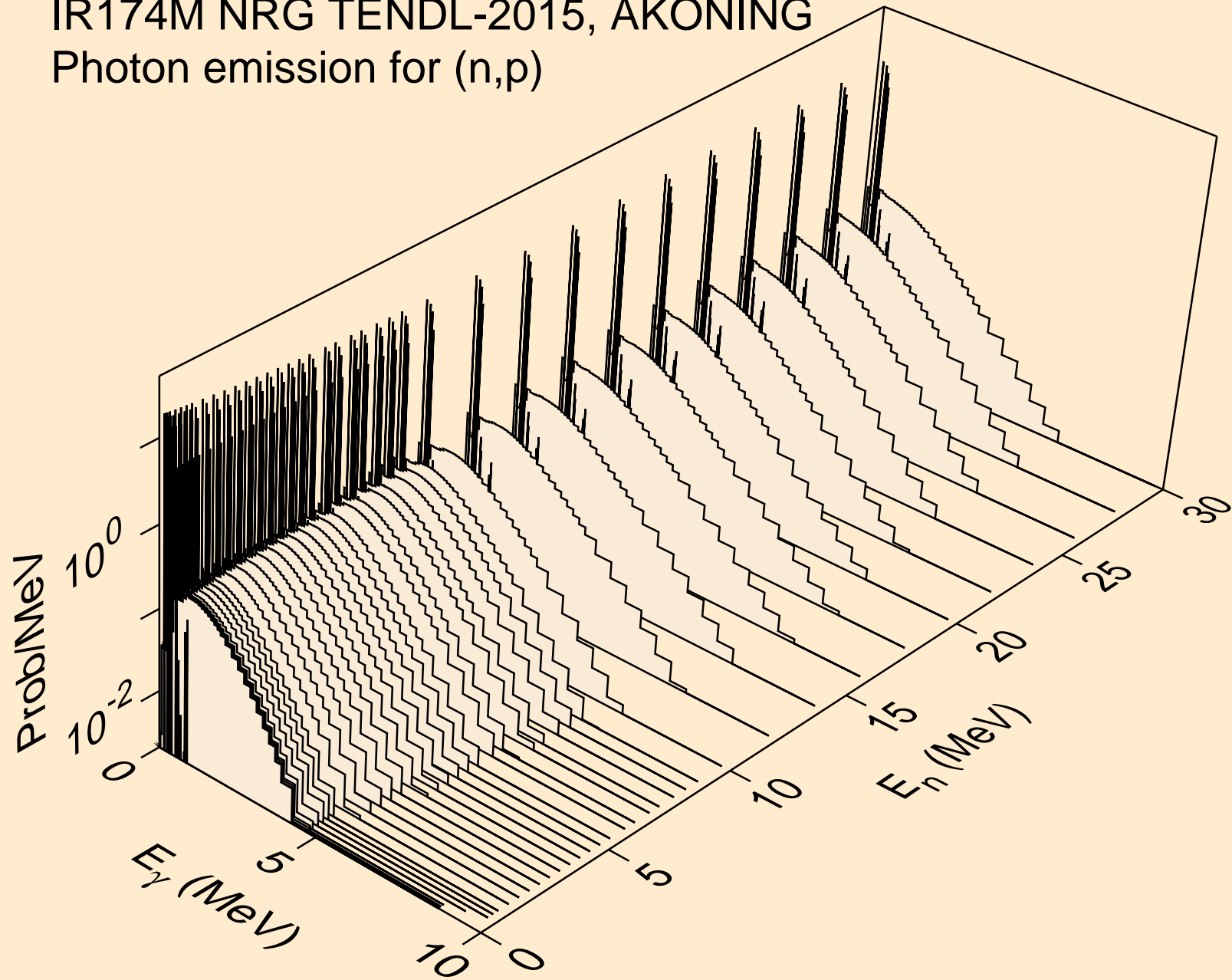
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



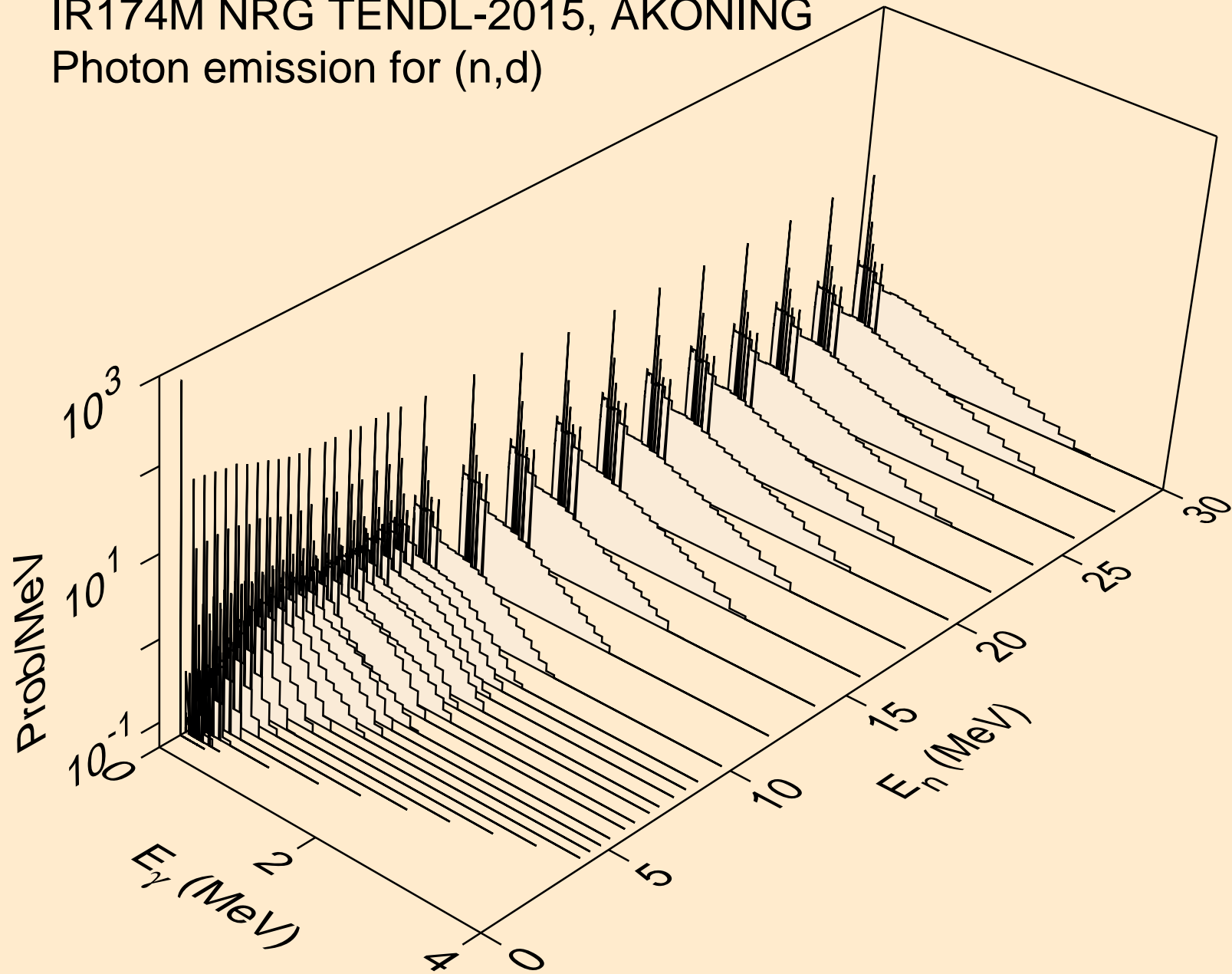
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



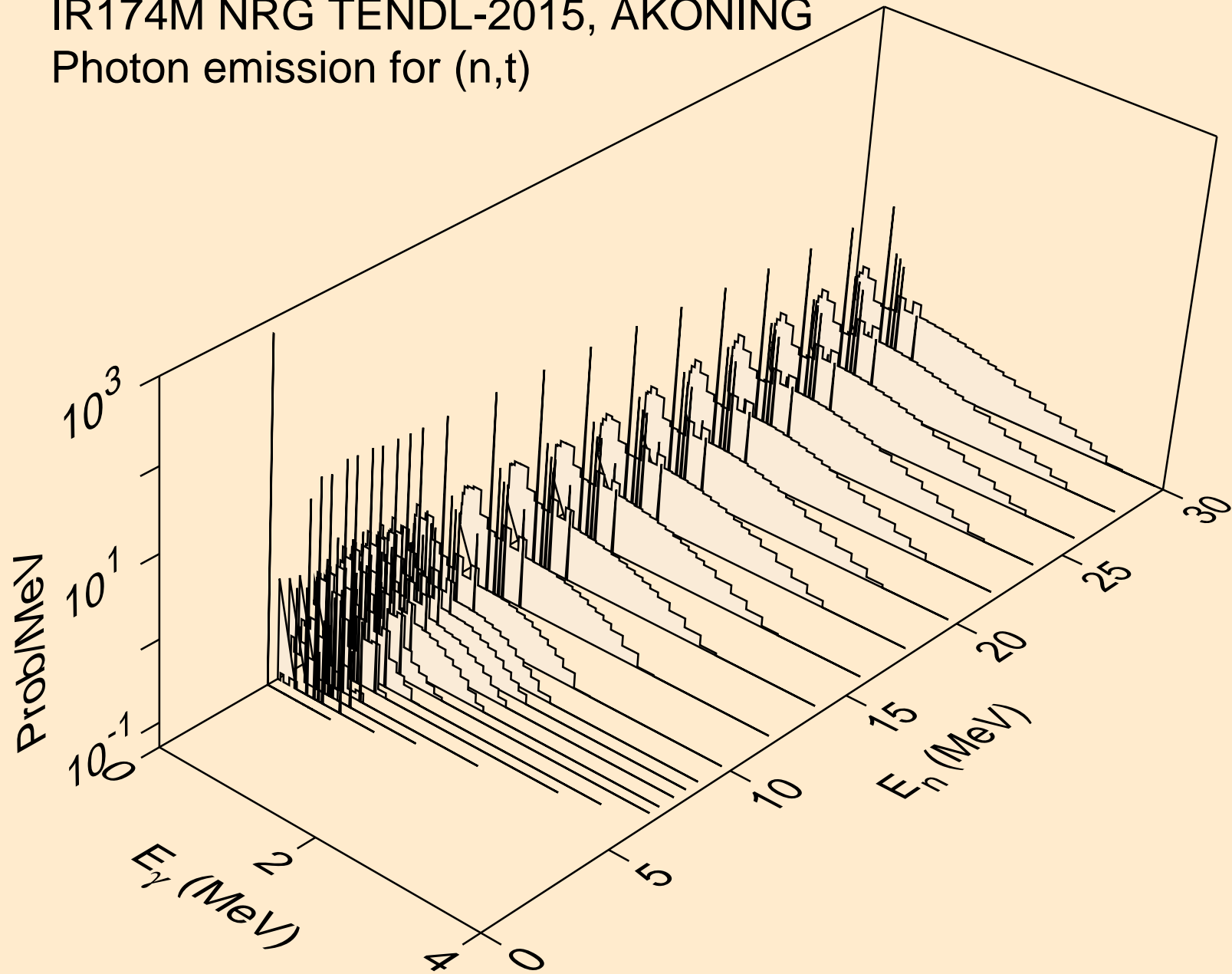
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,d)

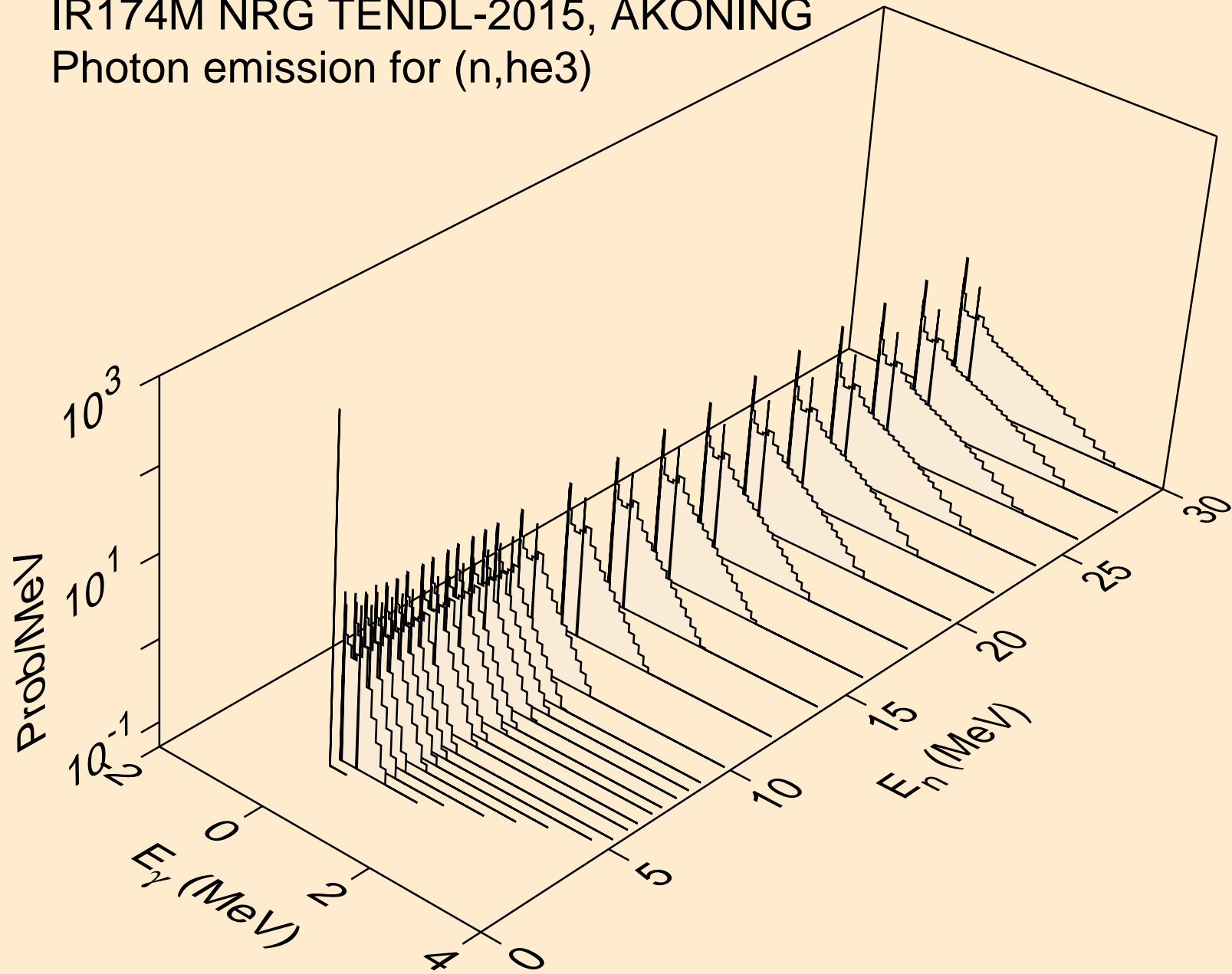


IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,t)

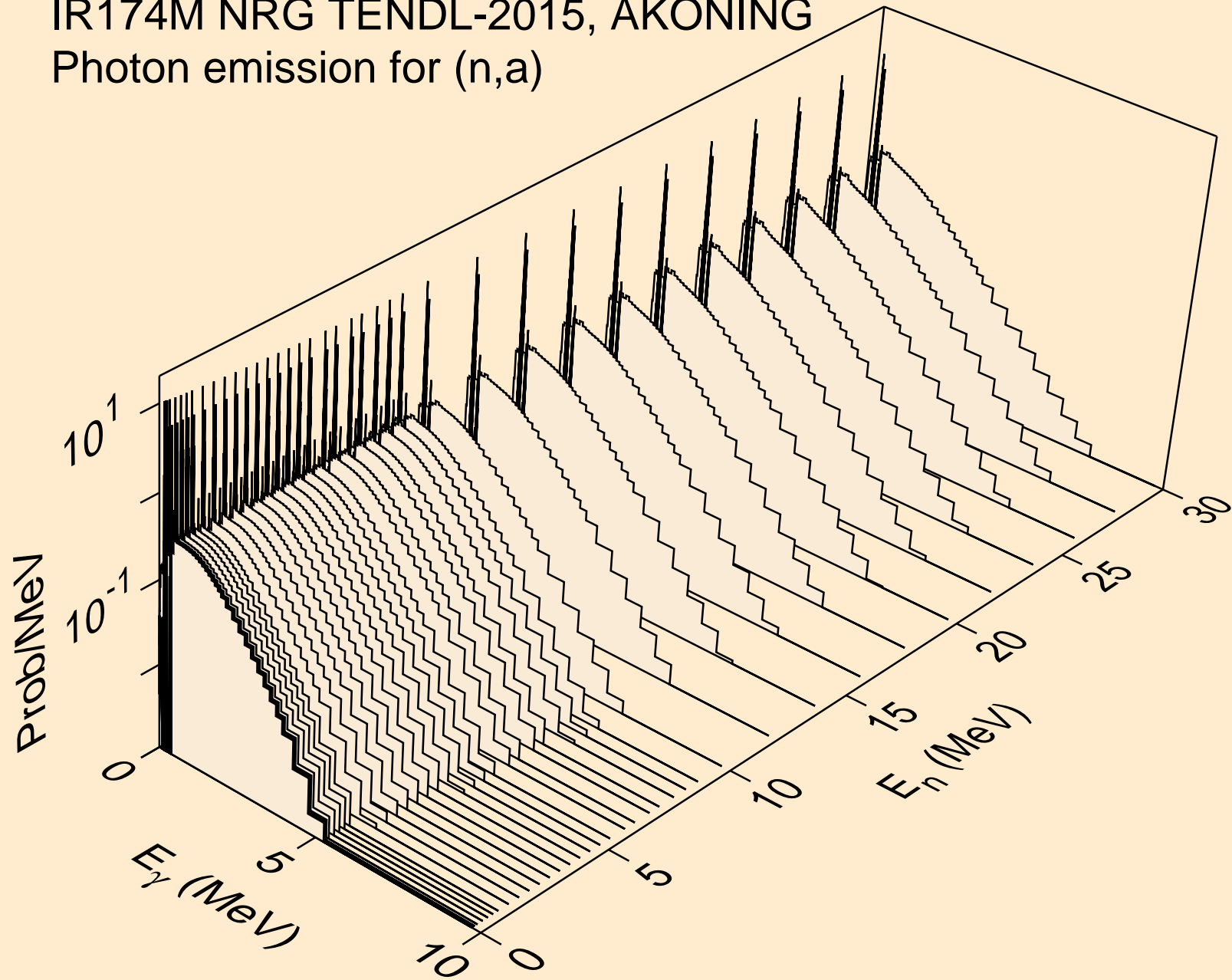




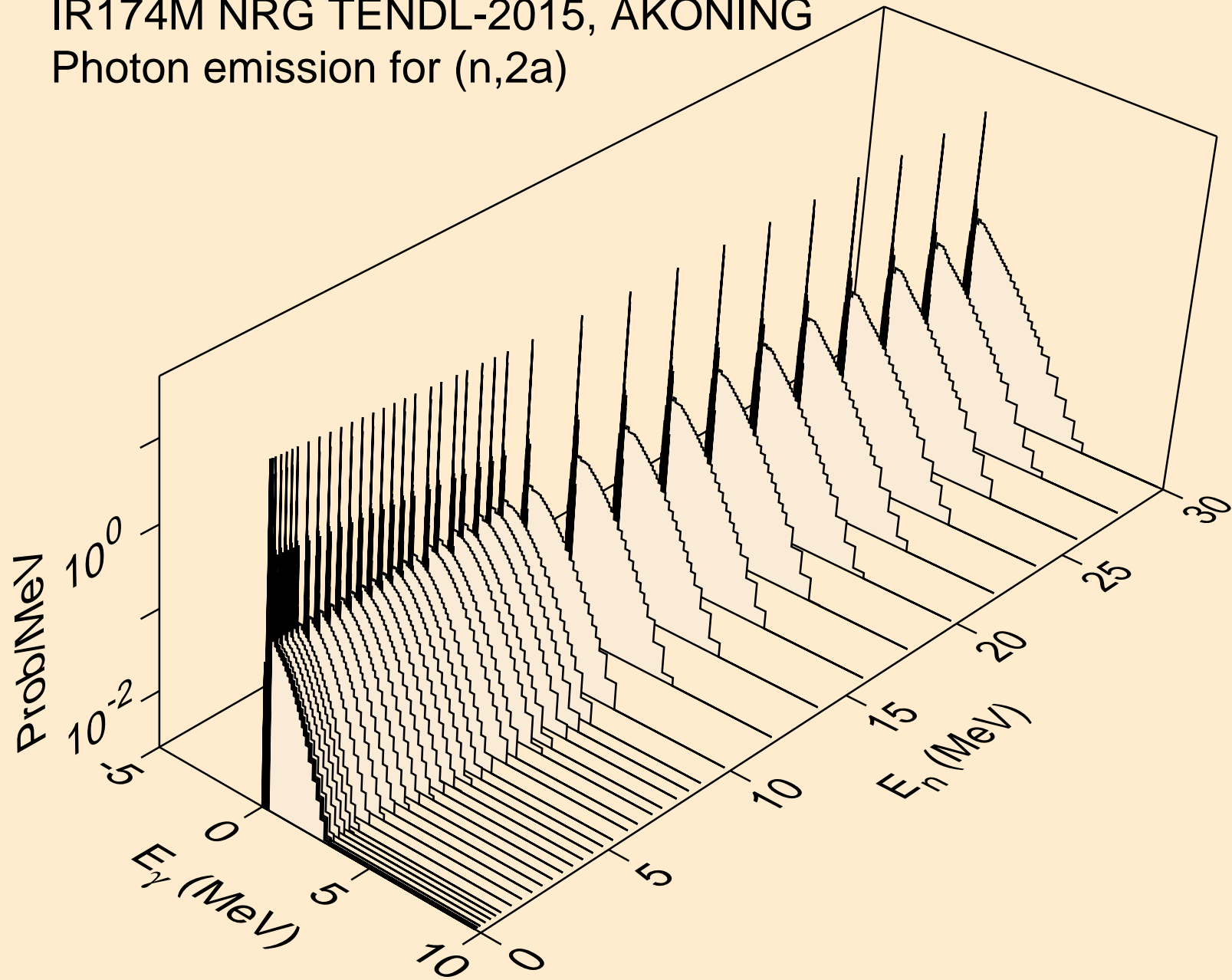
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



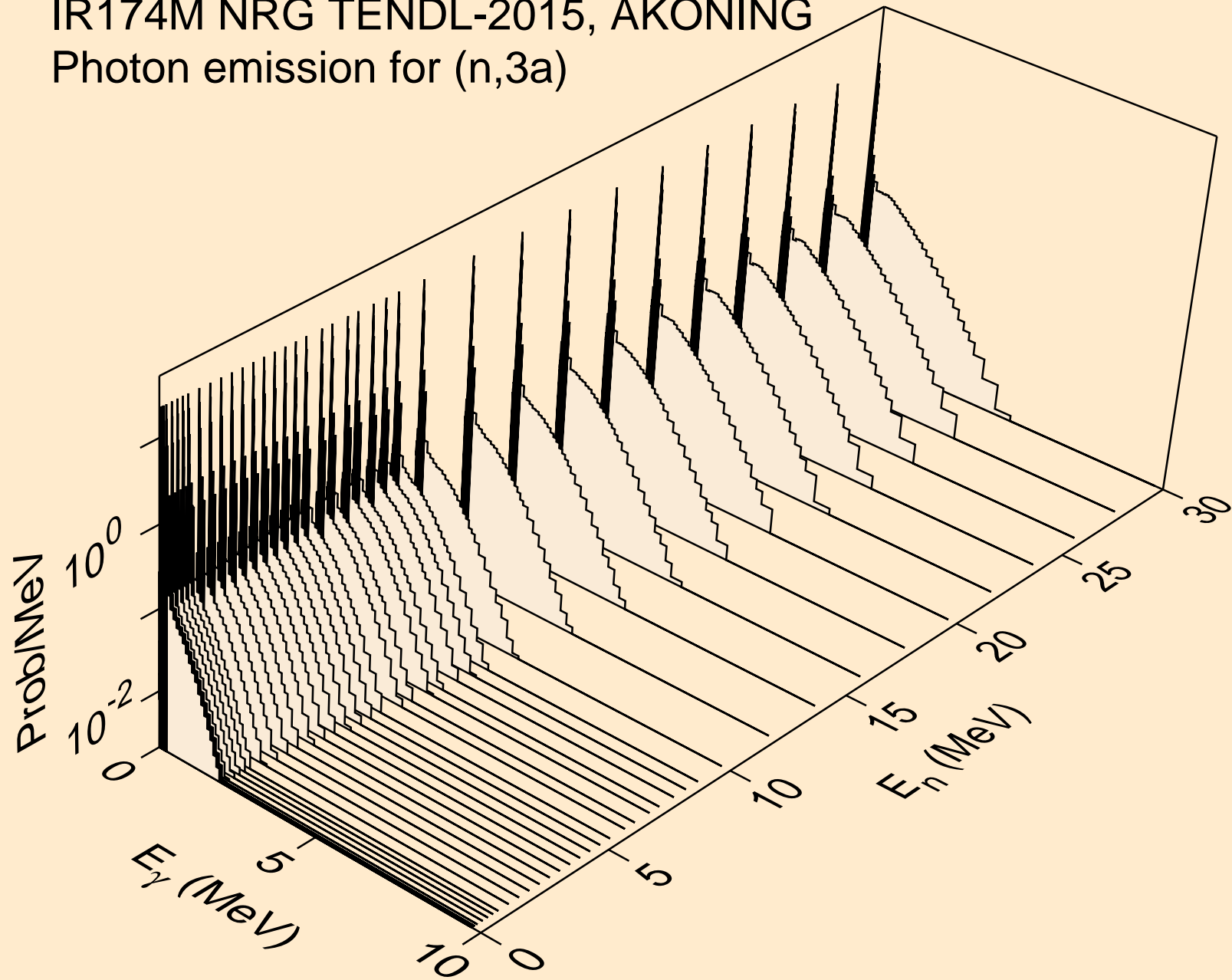
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,a)



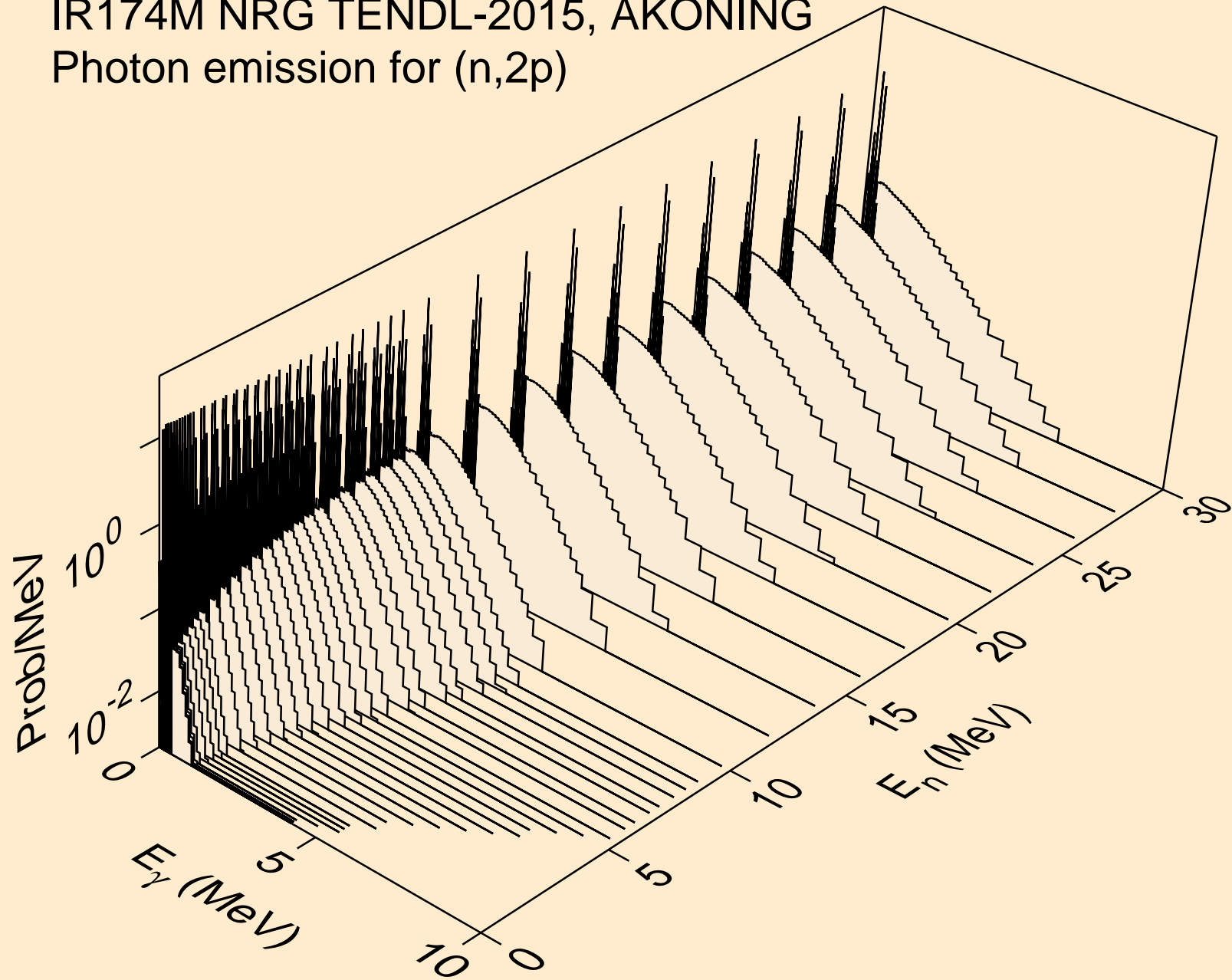
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



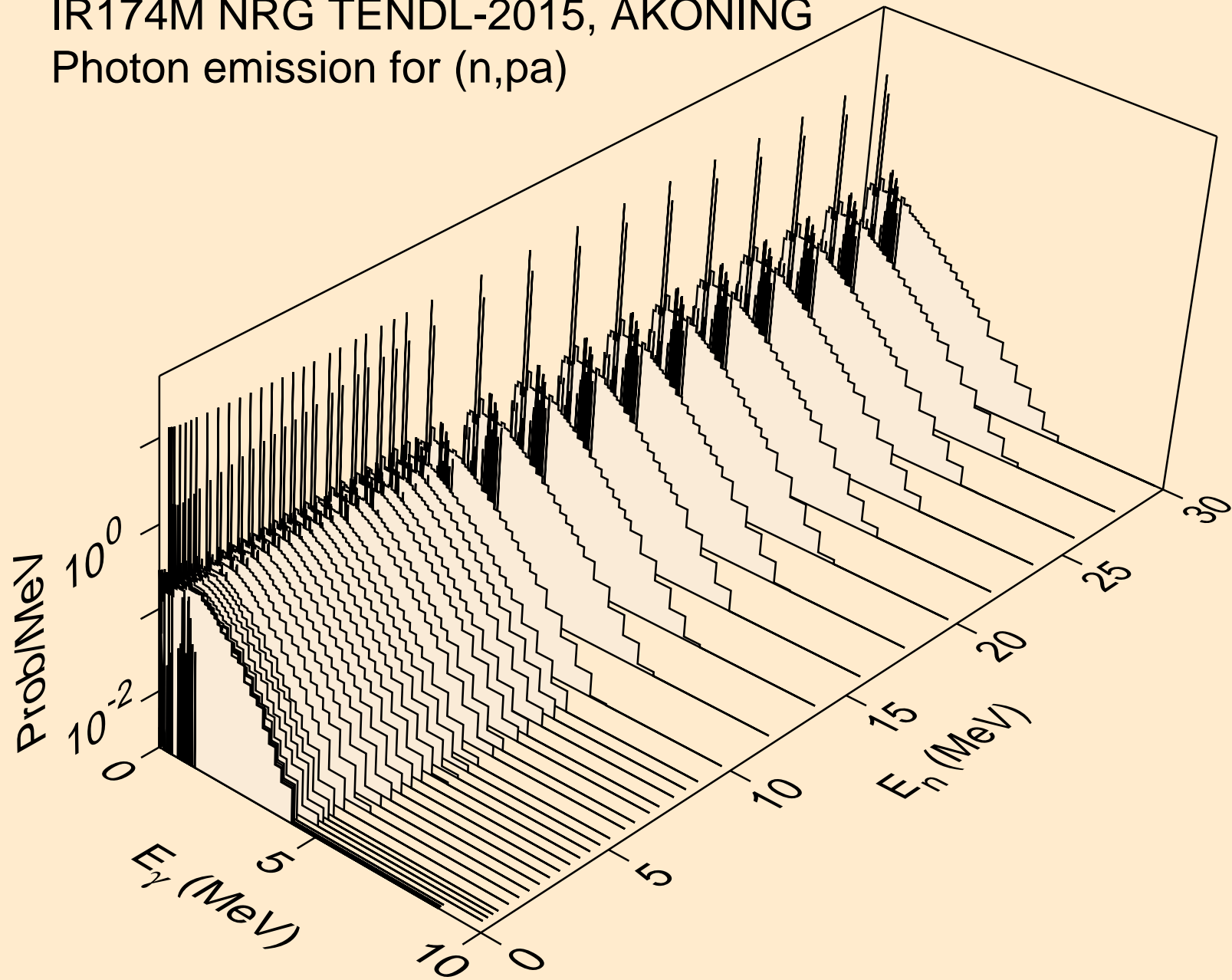
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



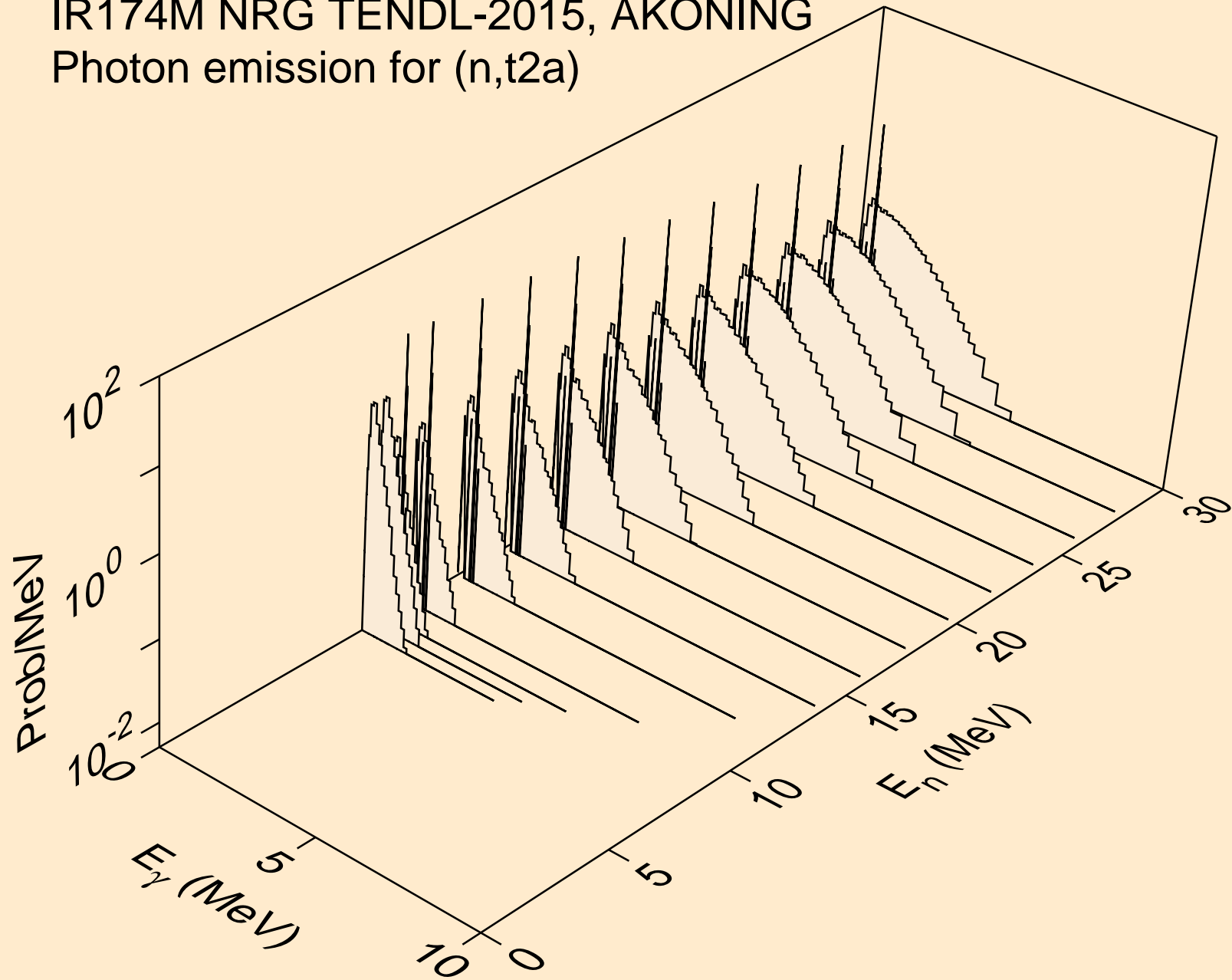
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



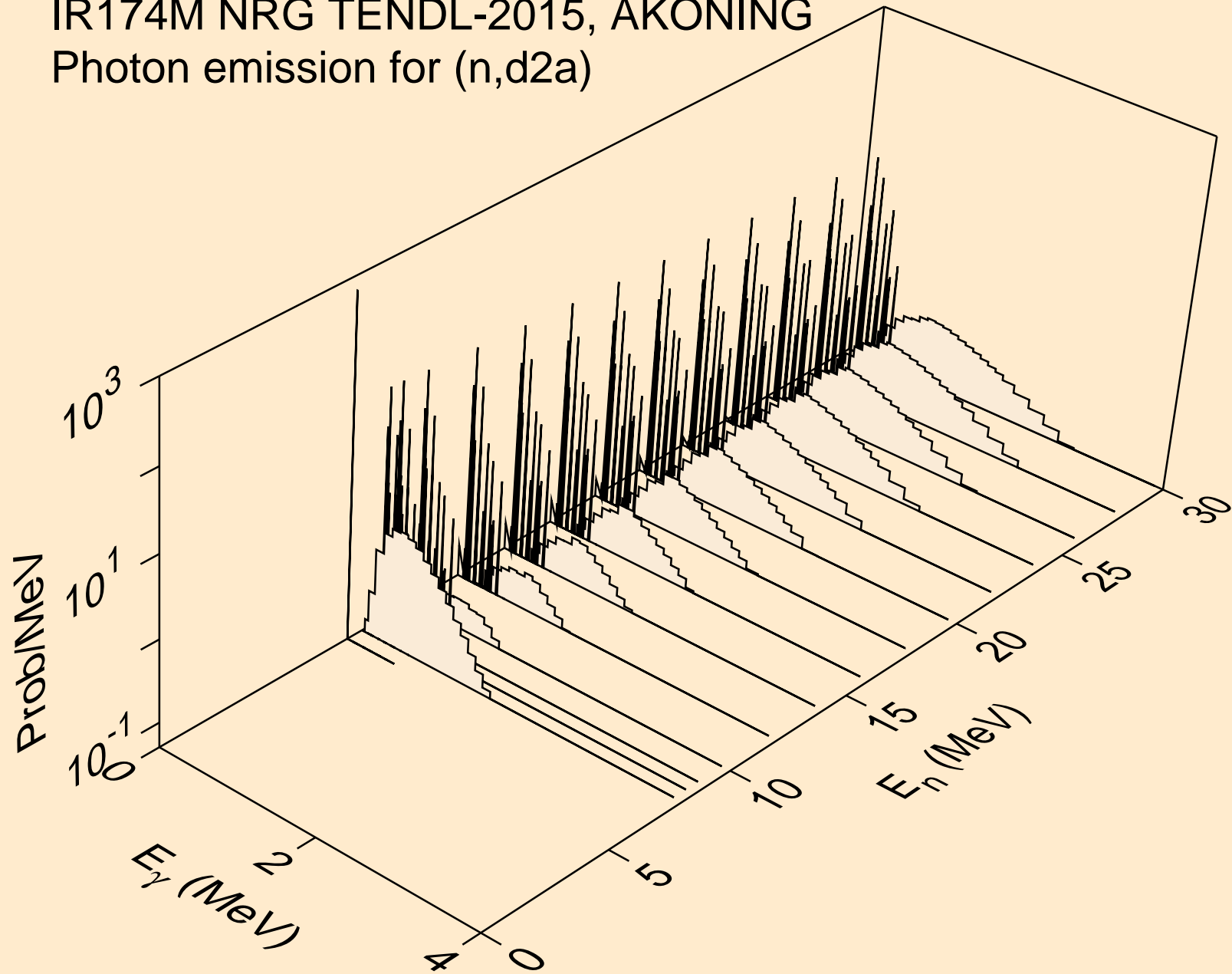
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)

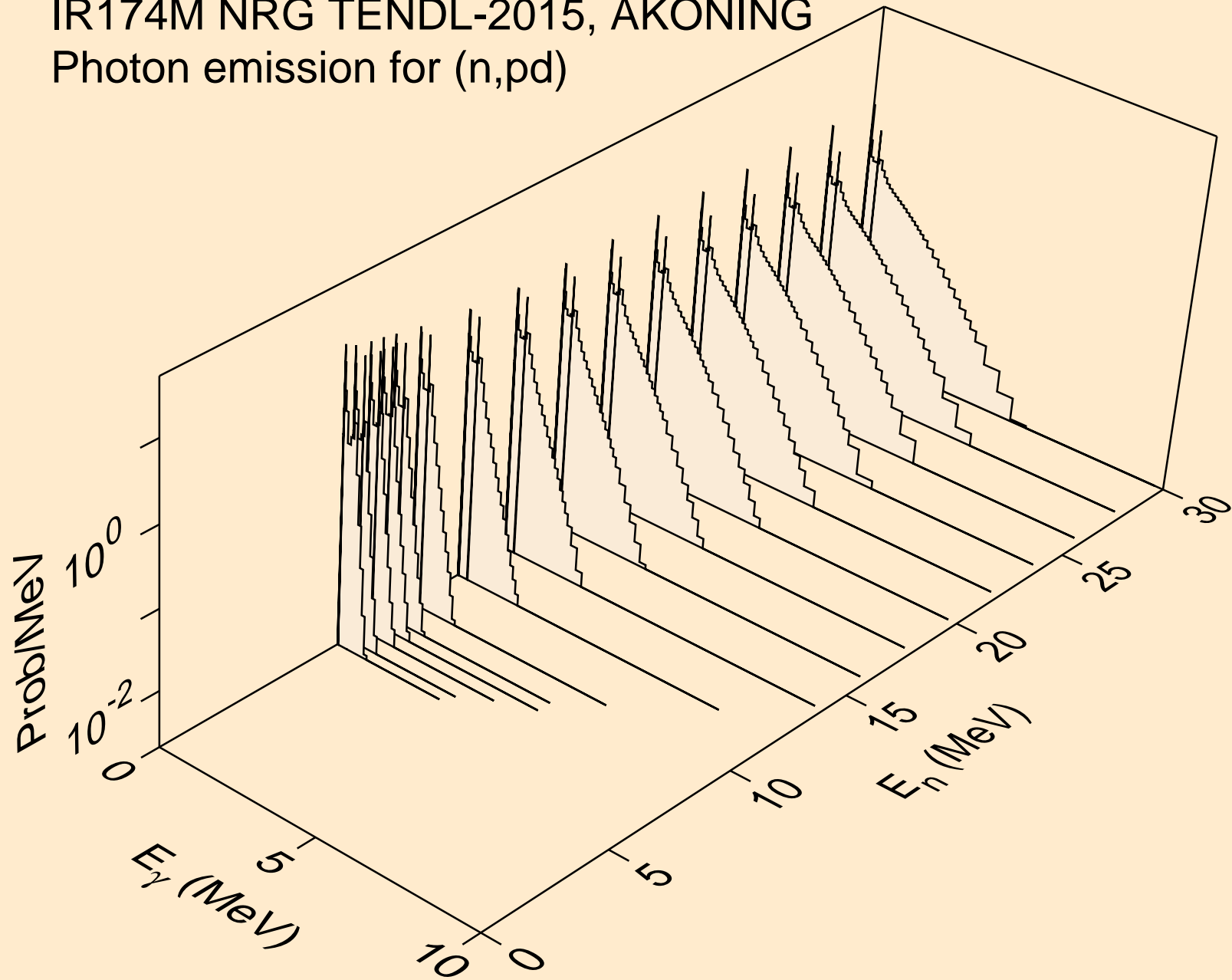


IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

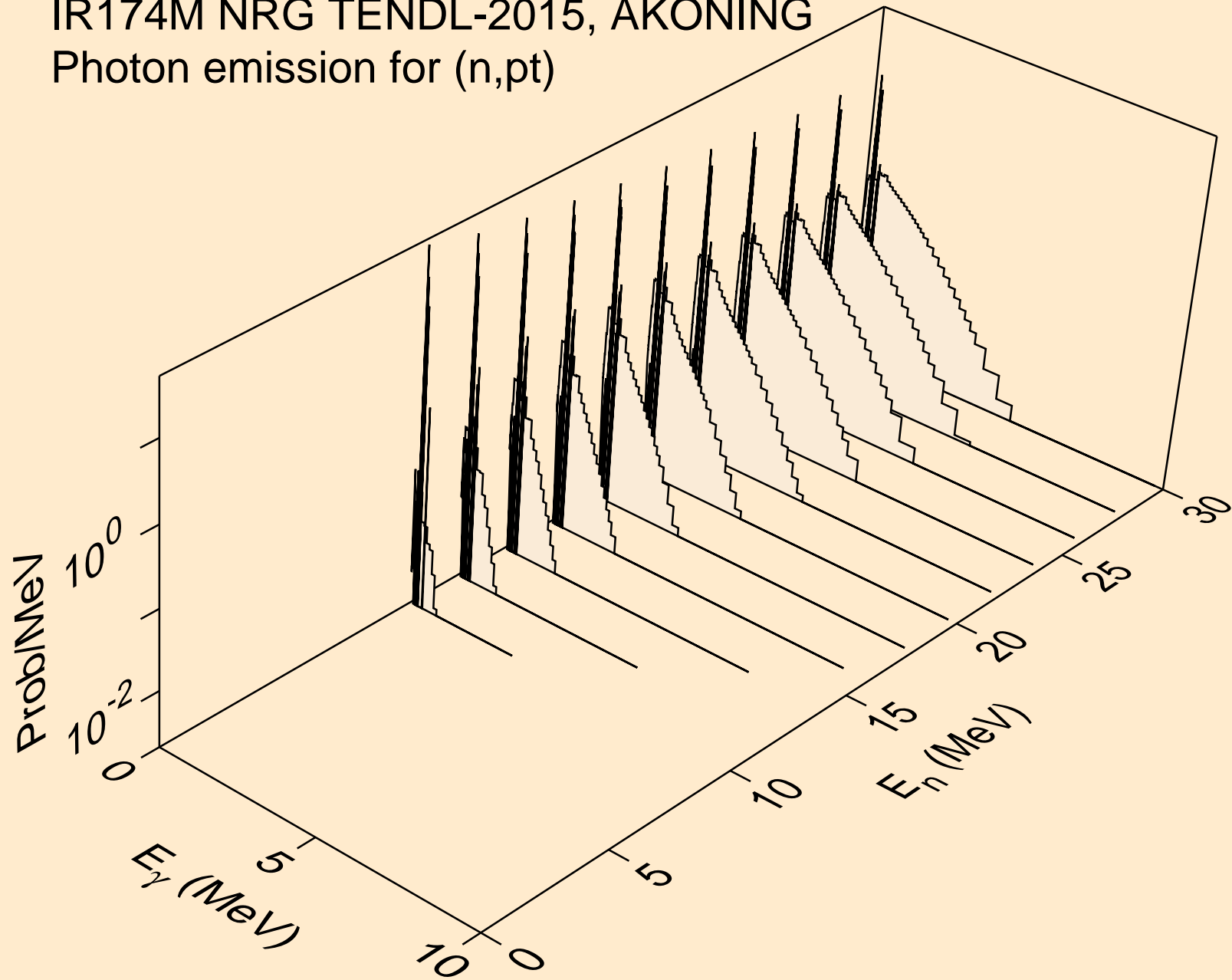




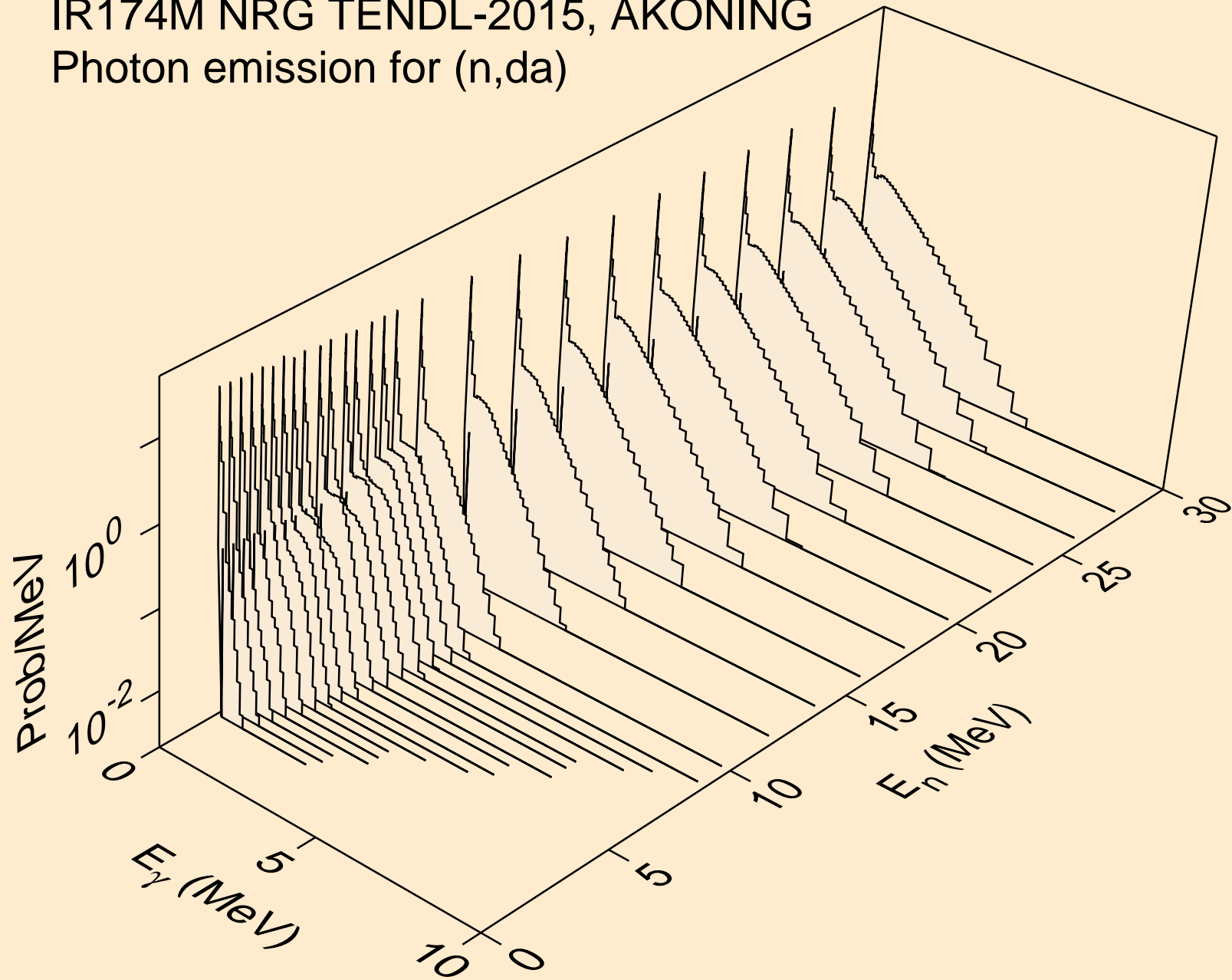
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



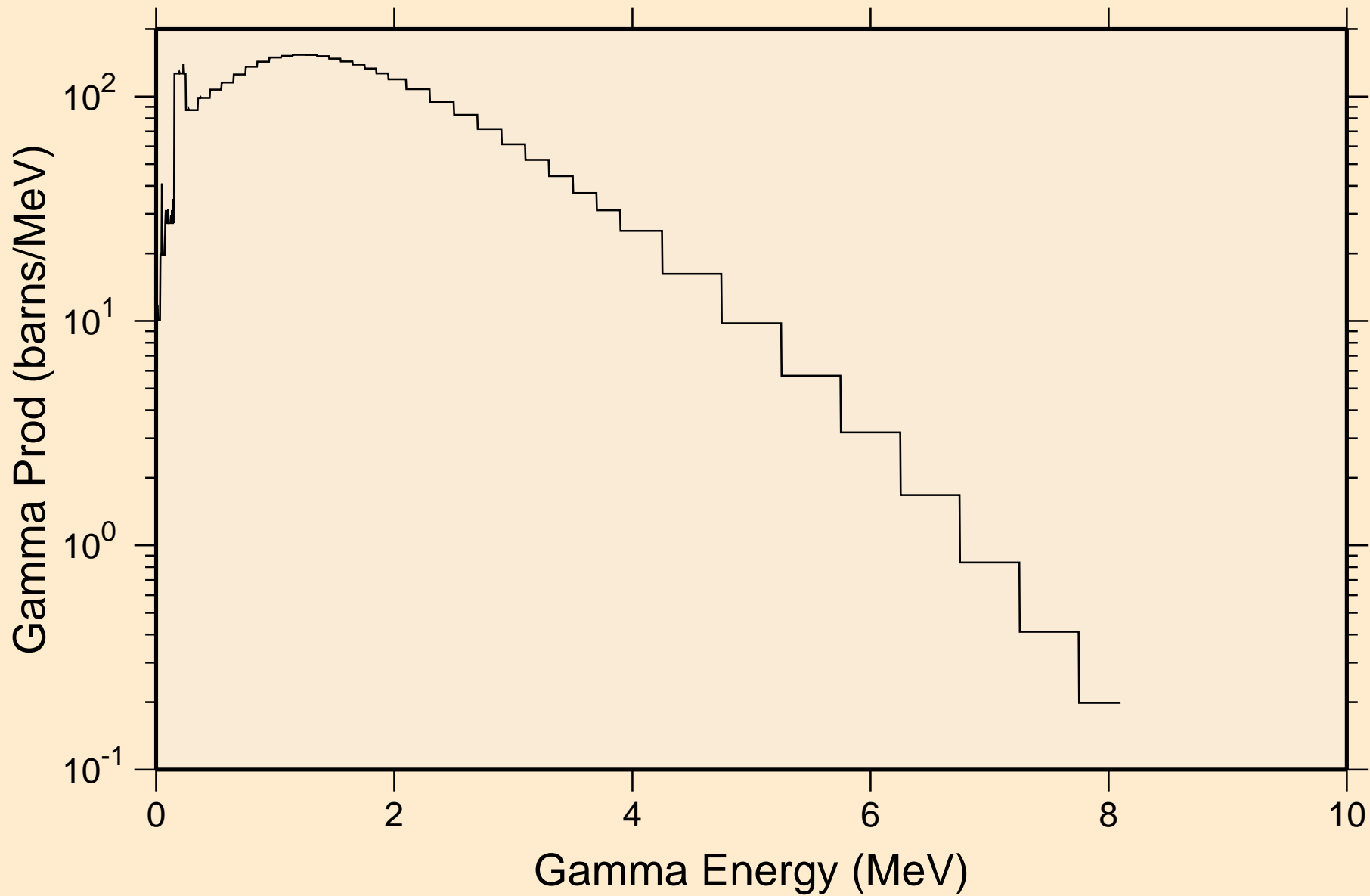
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Photon emission for (n,pt)



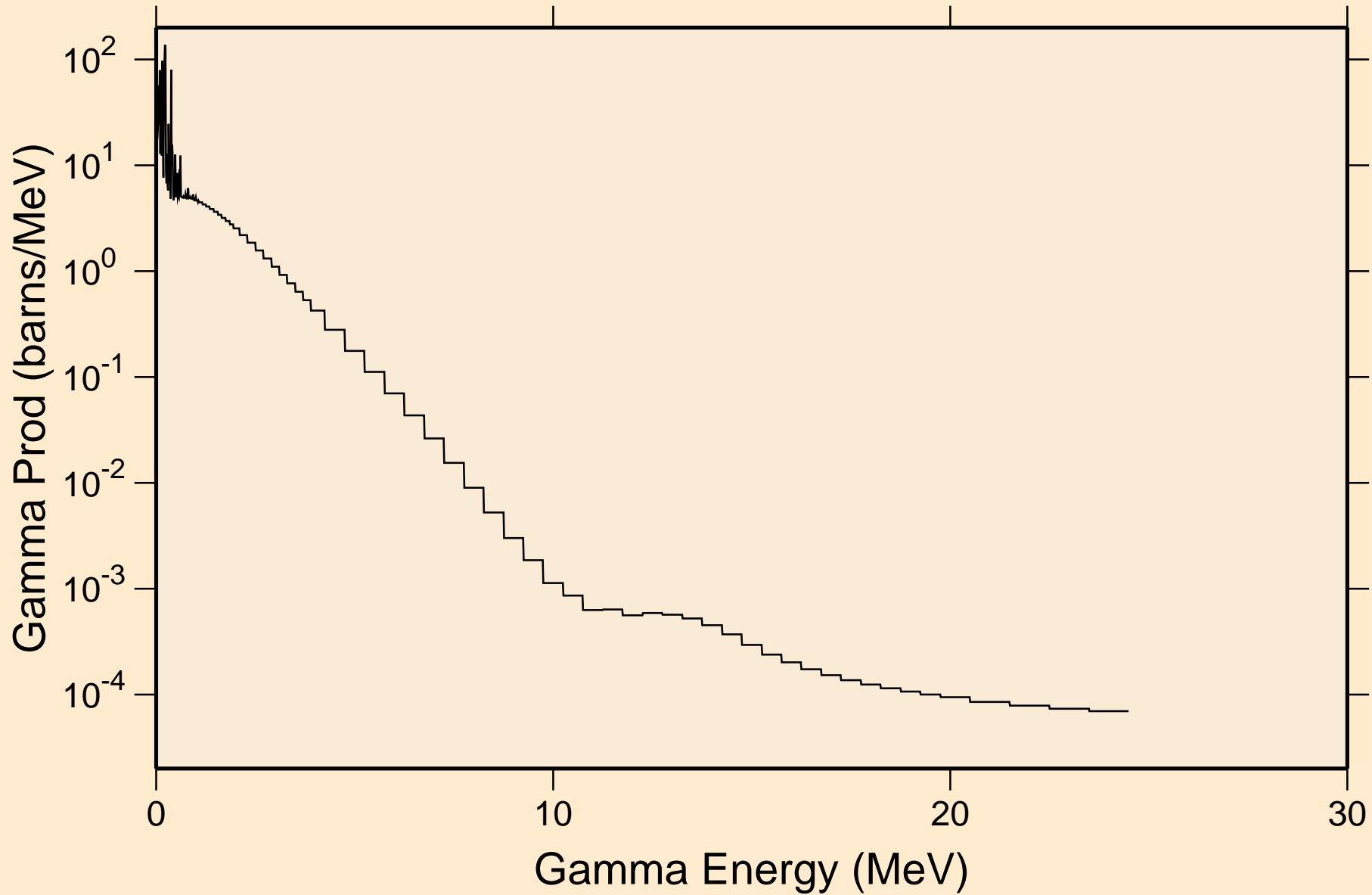
IR174M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



IR174M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

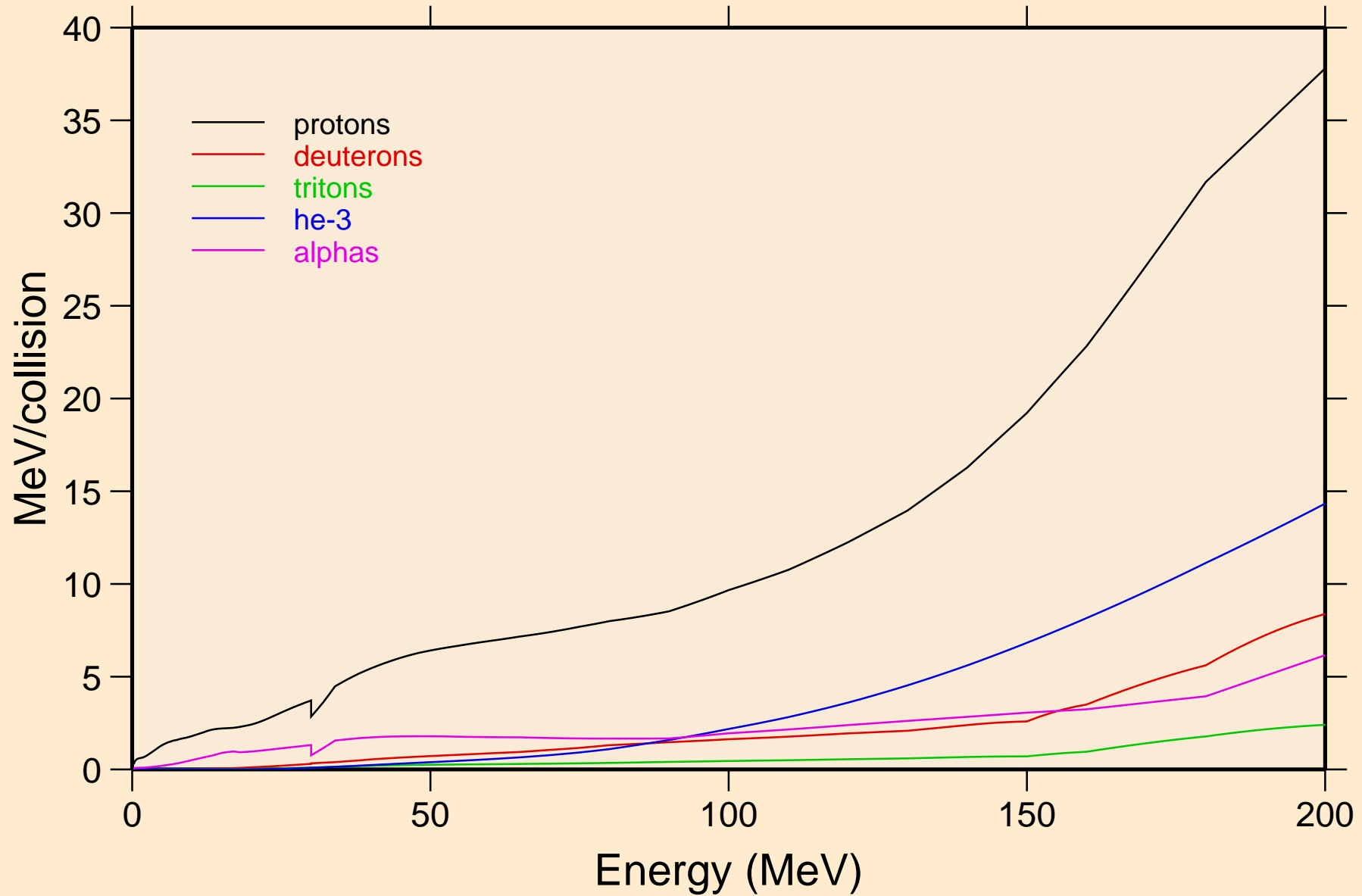


IR174M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



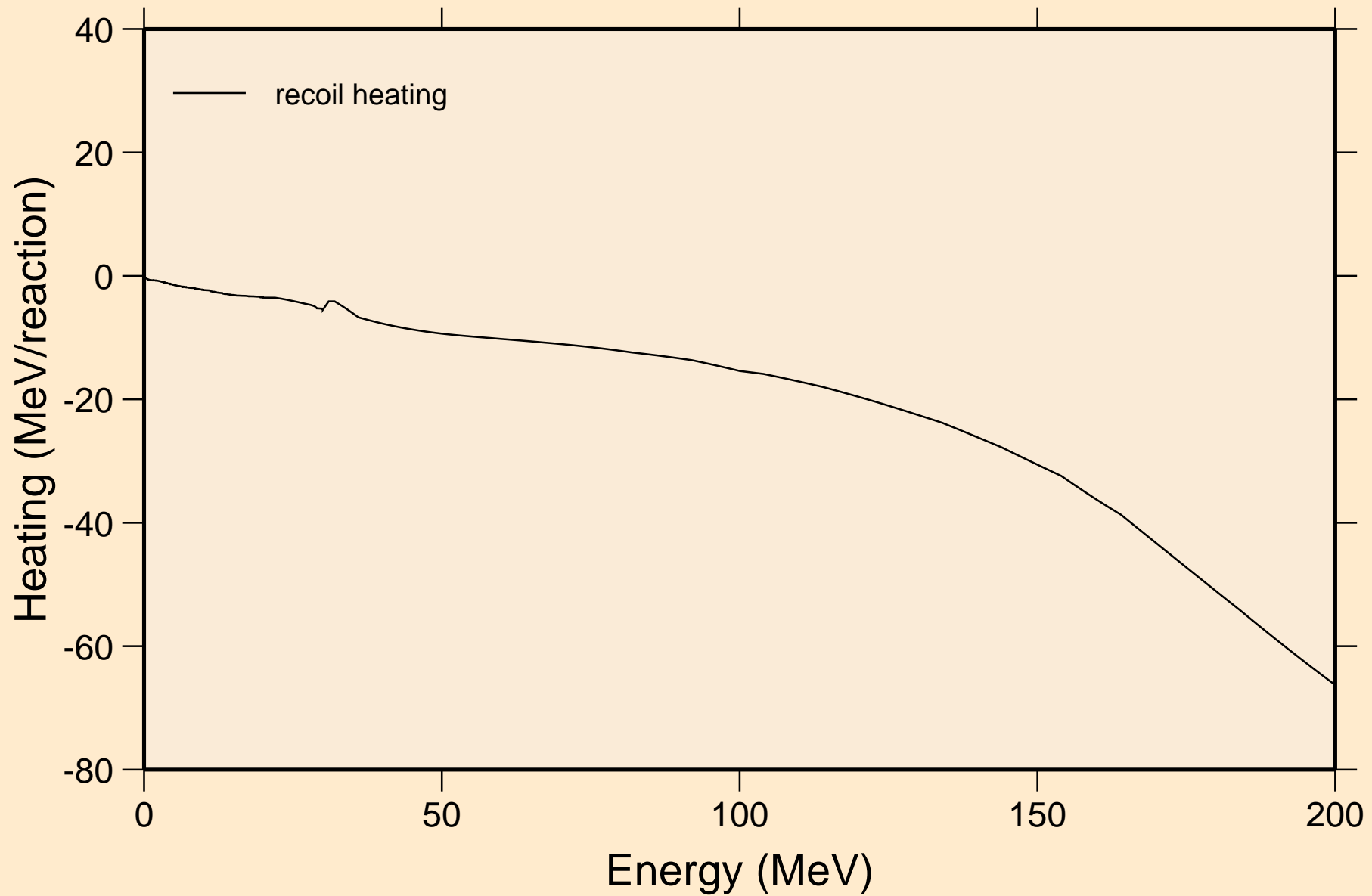
# IR174M NRG TENDL-2015, AKONING

## Particle heating contributions



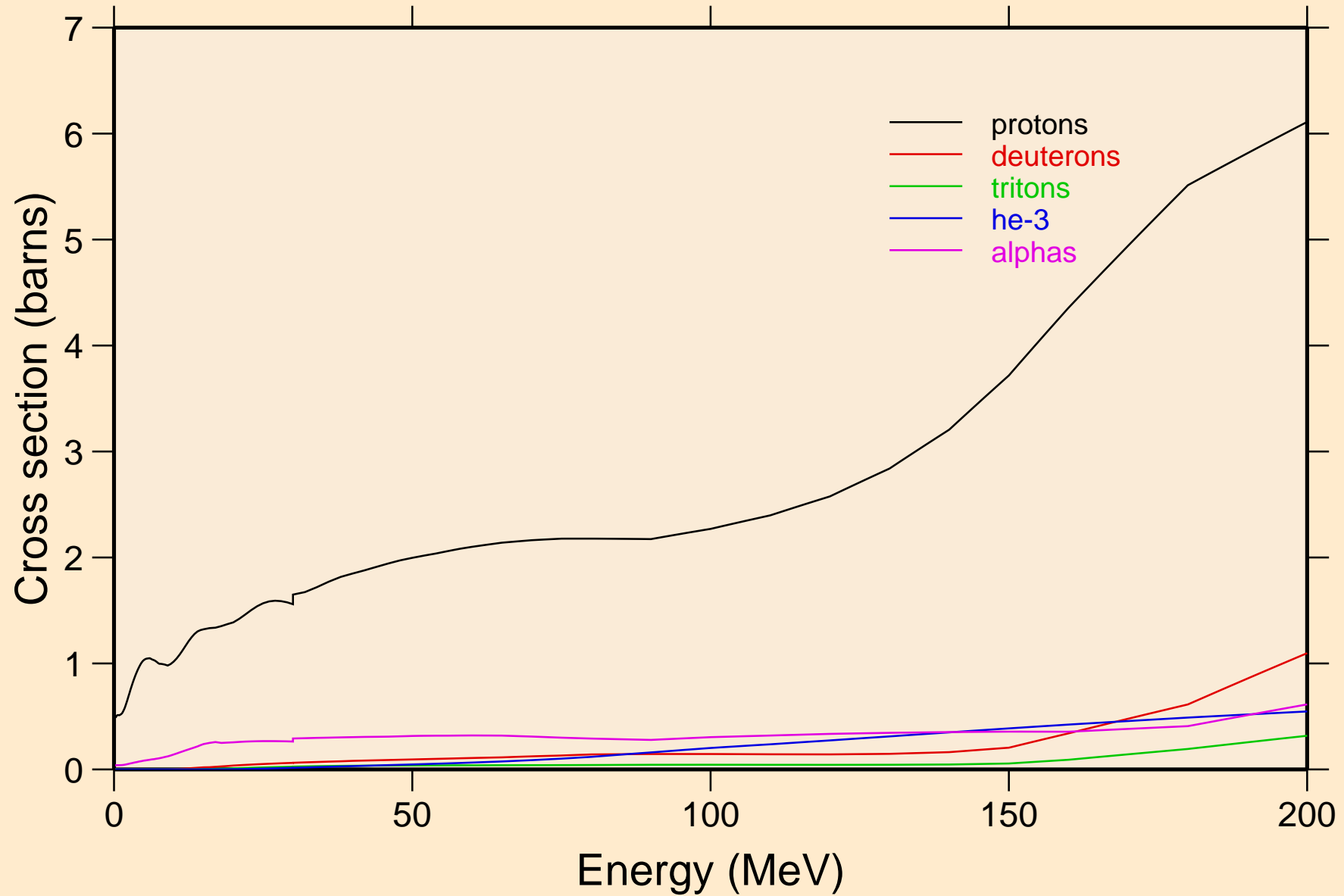
# IR174M NRG TENDL-2015, AKONING

## Recoil Heating



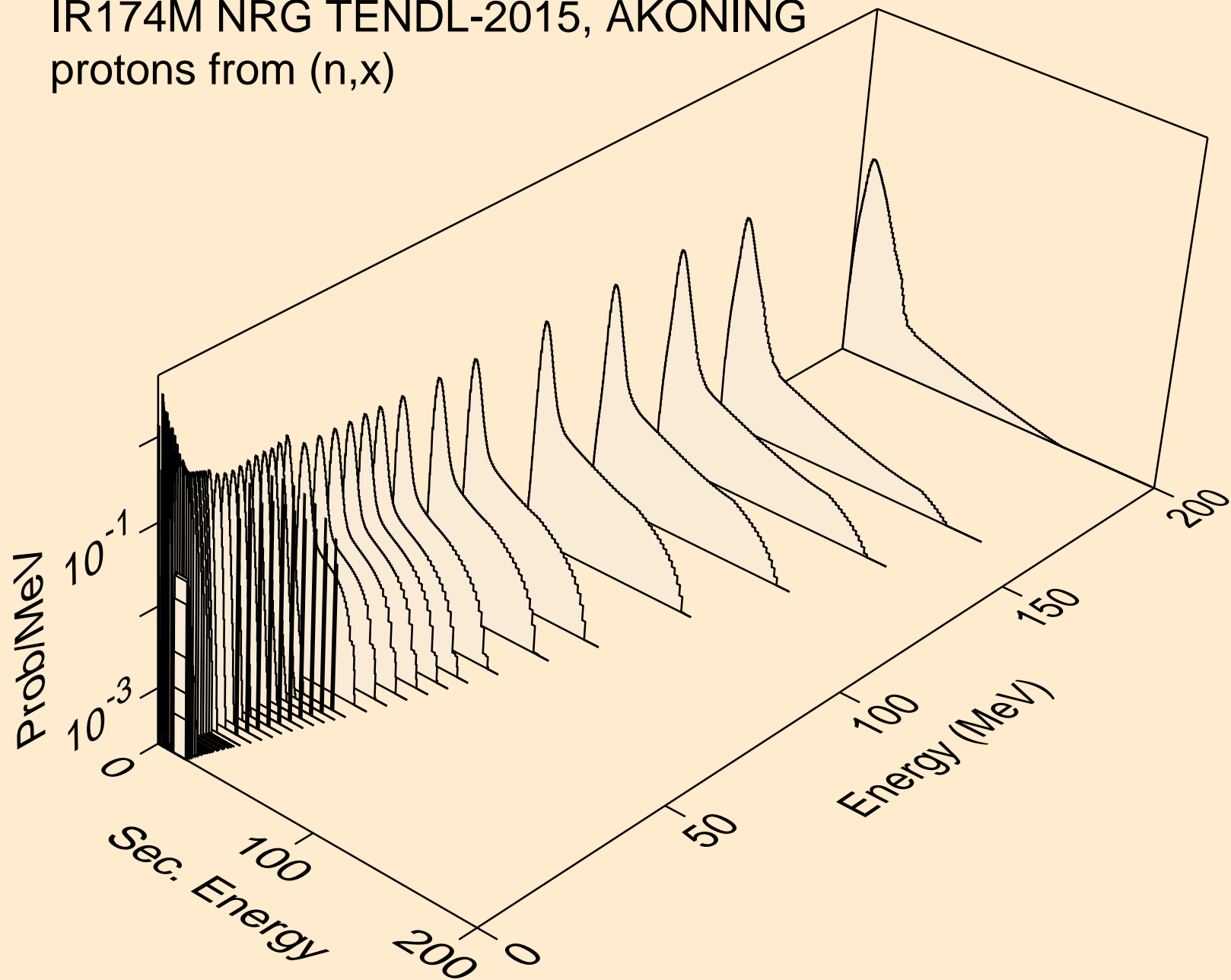
# IR174M NRG TENDL-2015, AKONING

## Particle production cross sections

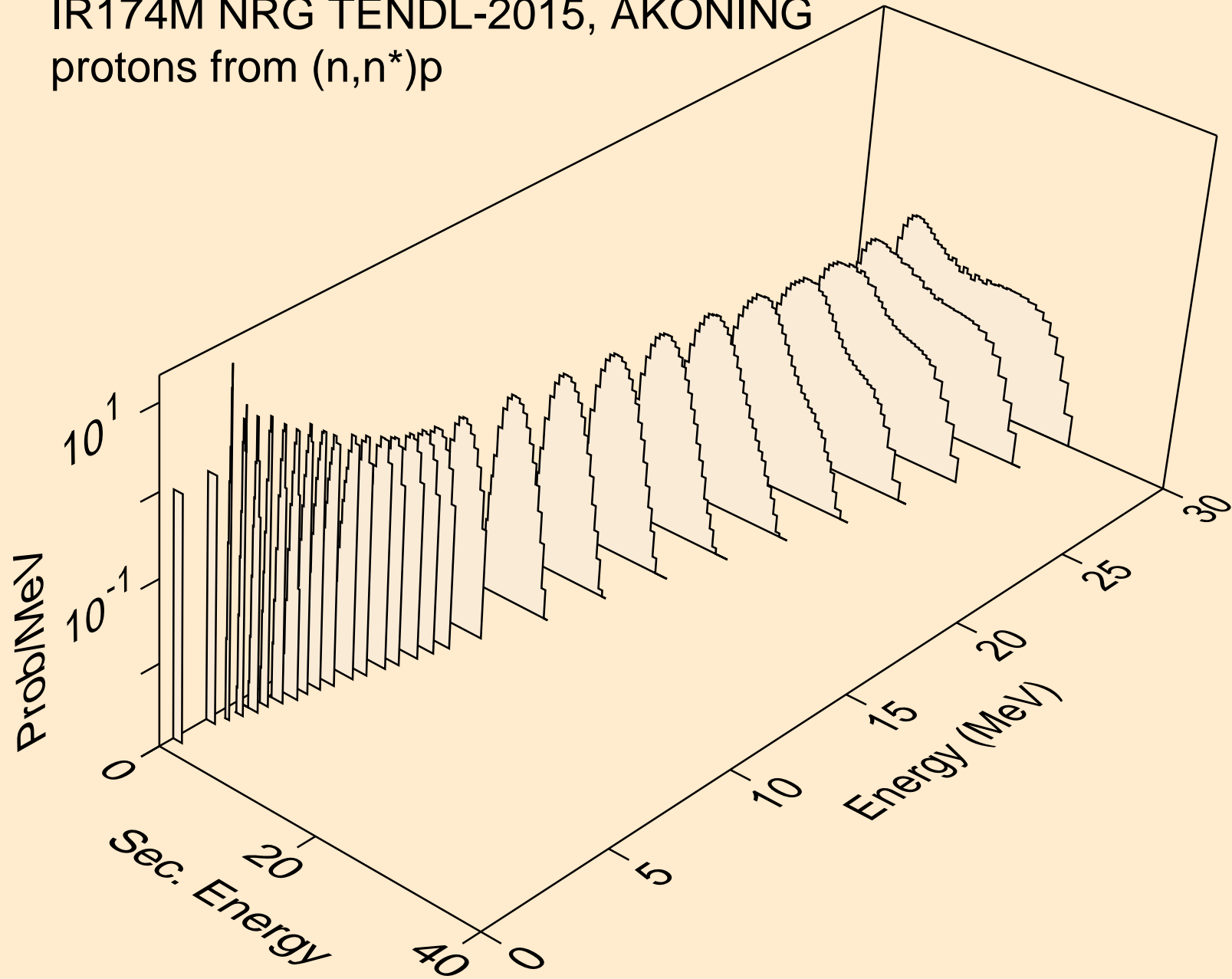




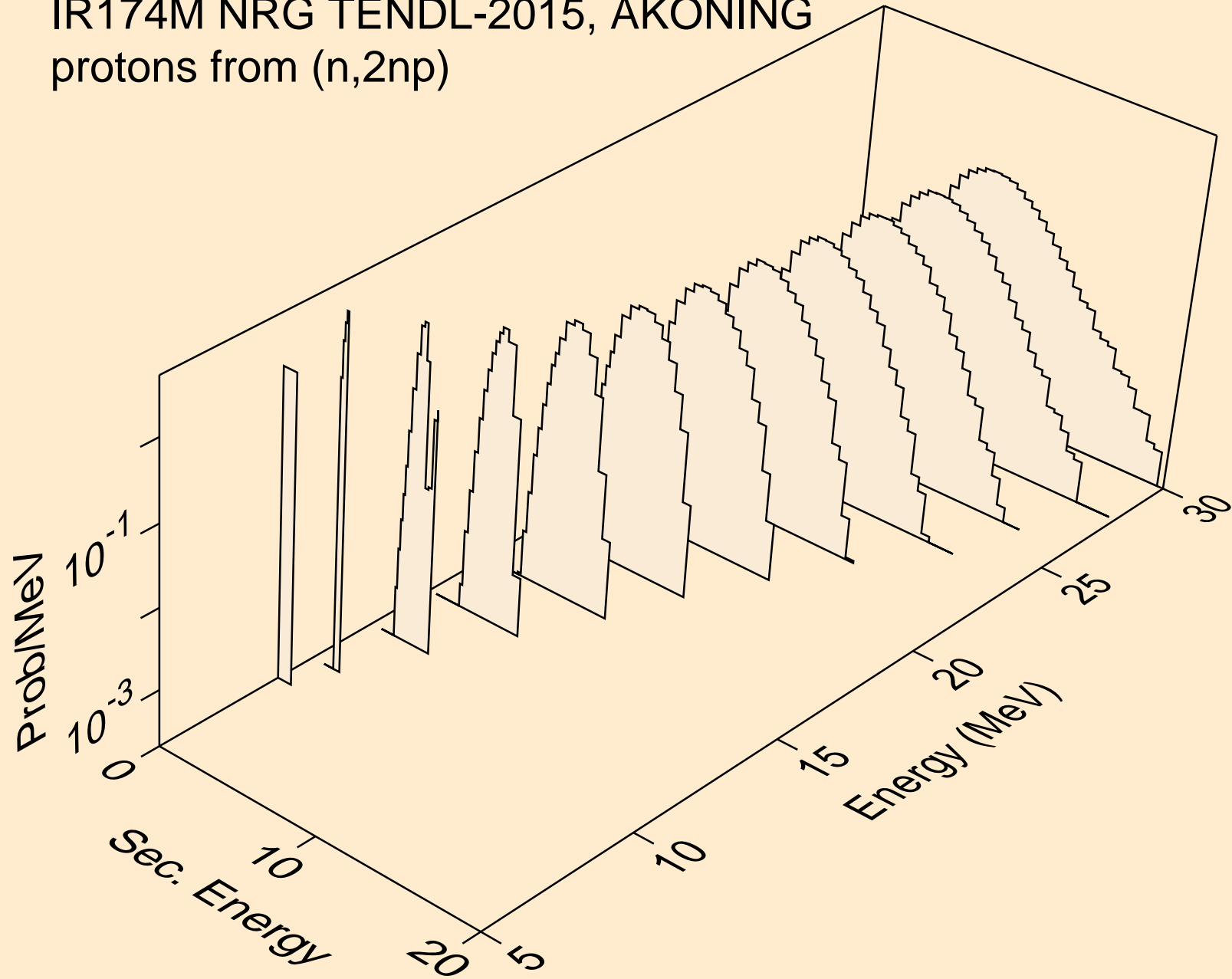
IR174M NRG TENDL-2015, AKONING  
protons from (n,x)



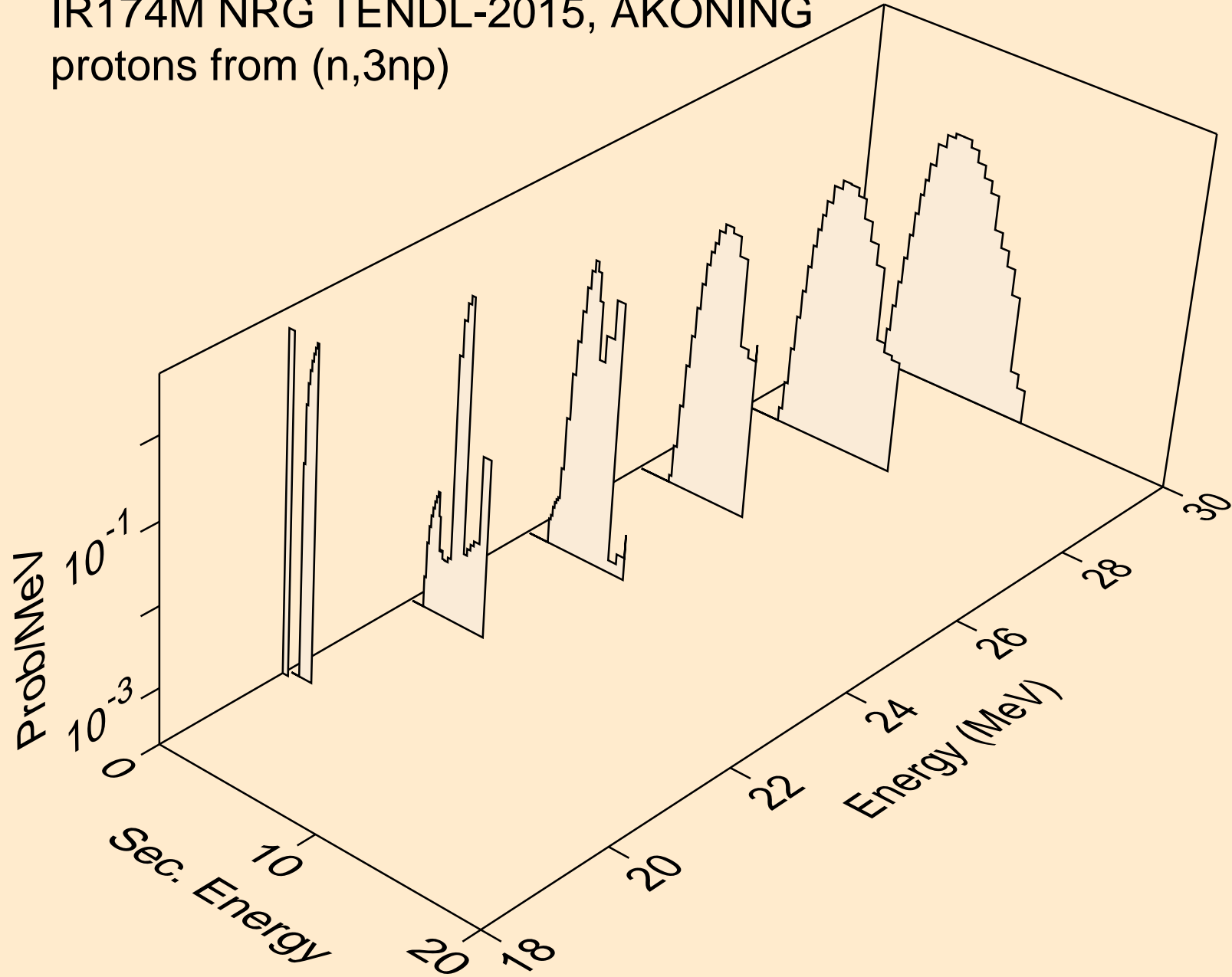
IR174M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



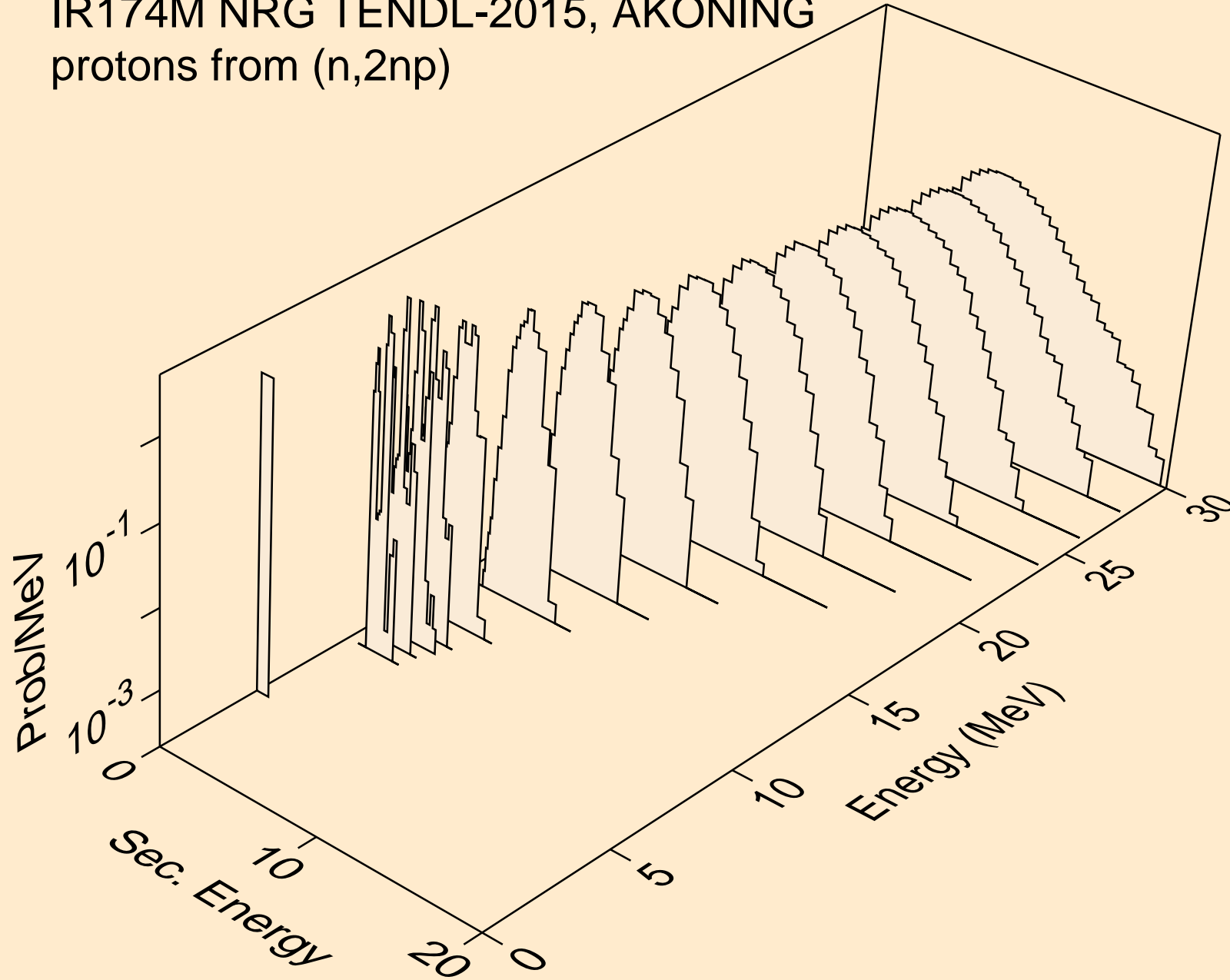
IR174M NRG TENDL-2015, AKONING  
protons from (n,2np)



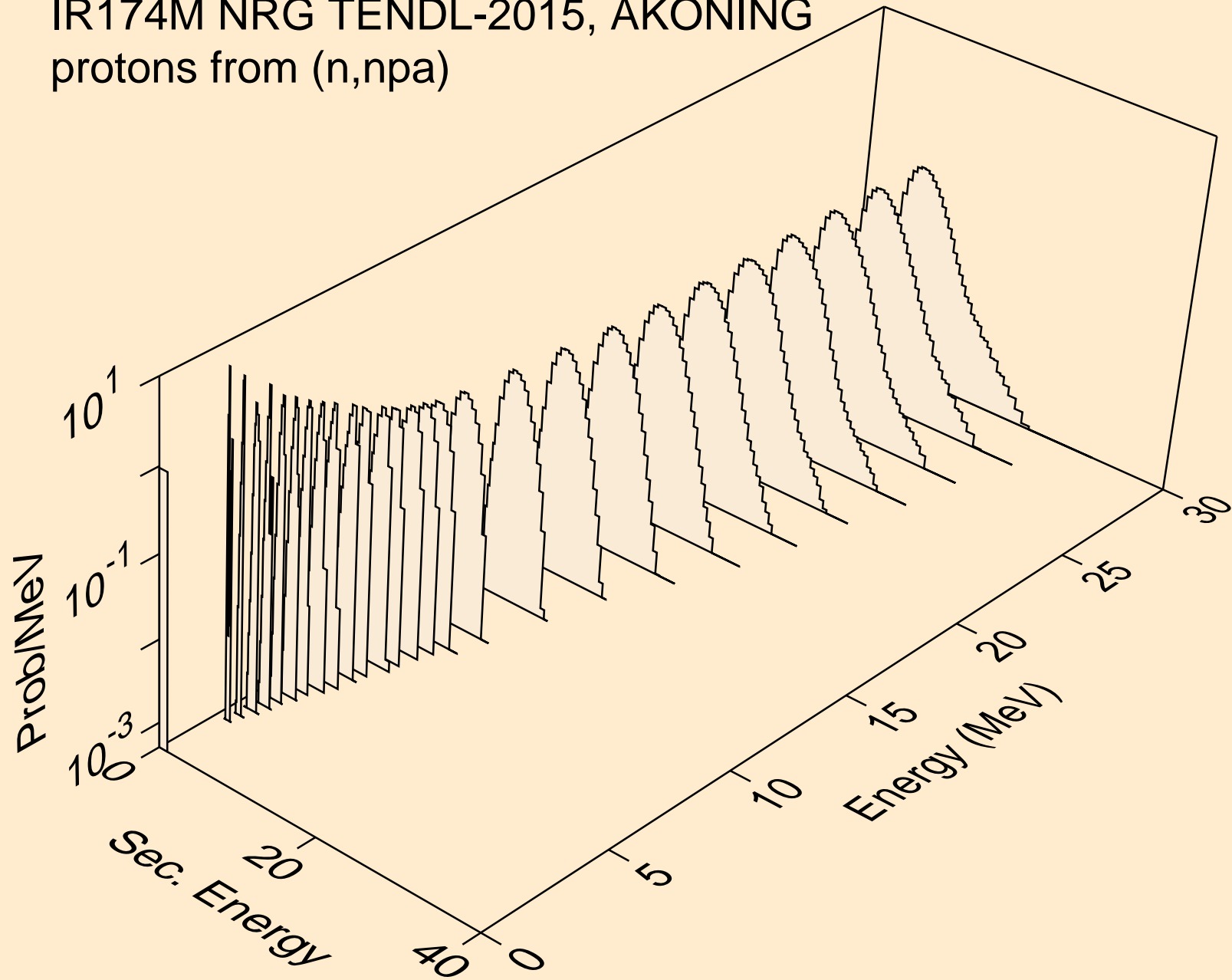
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protons from (n,3np)



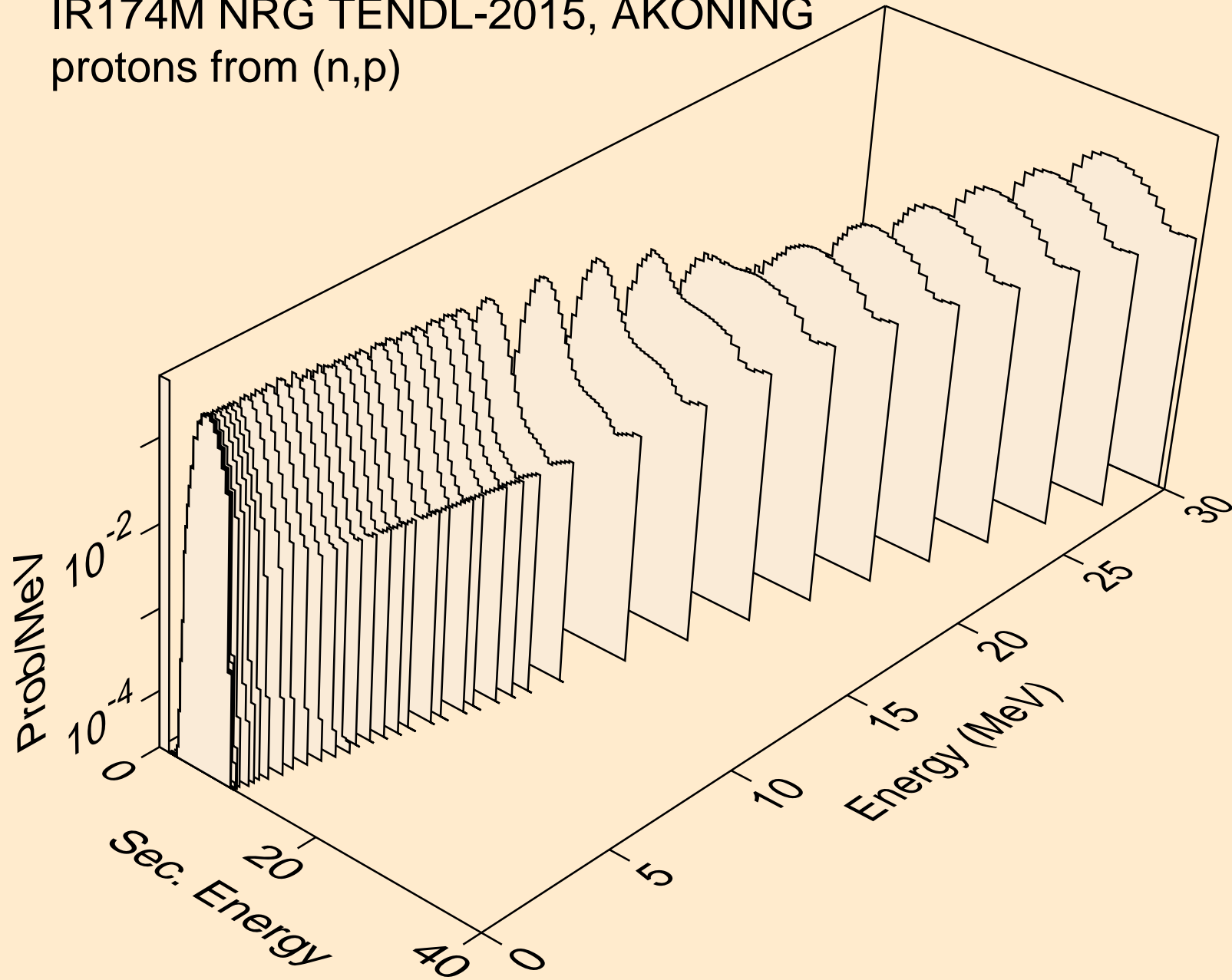
IR174M NRG TENDL-2015, AKONING  
protons from (n,2np)



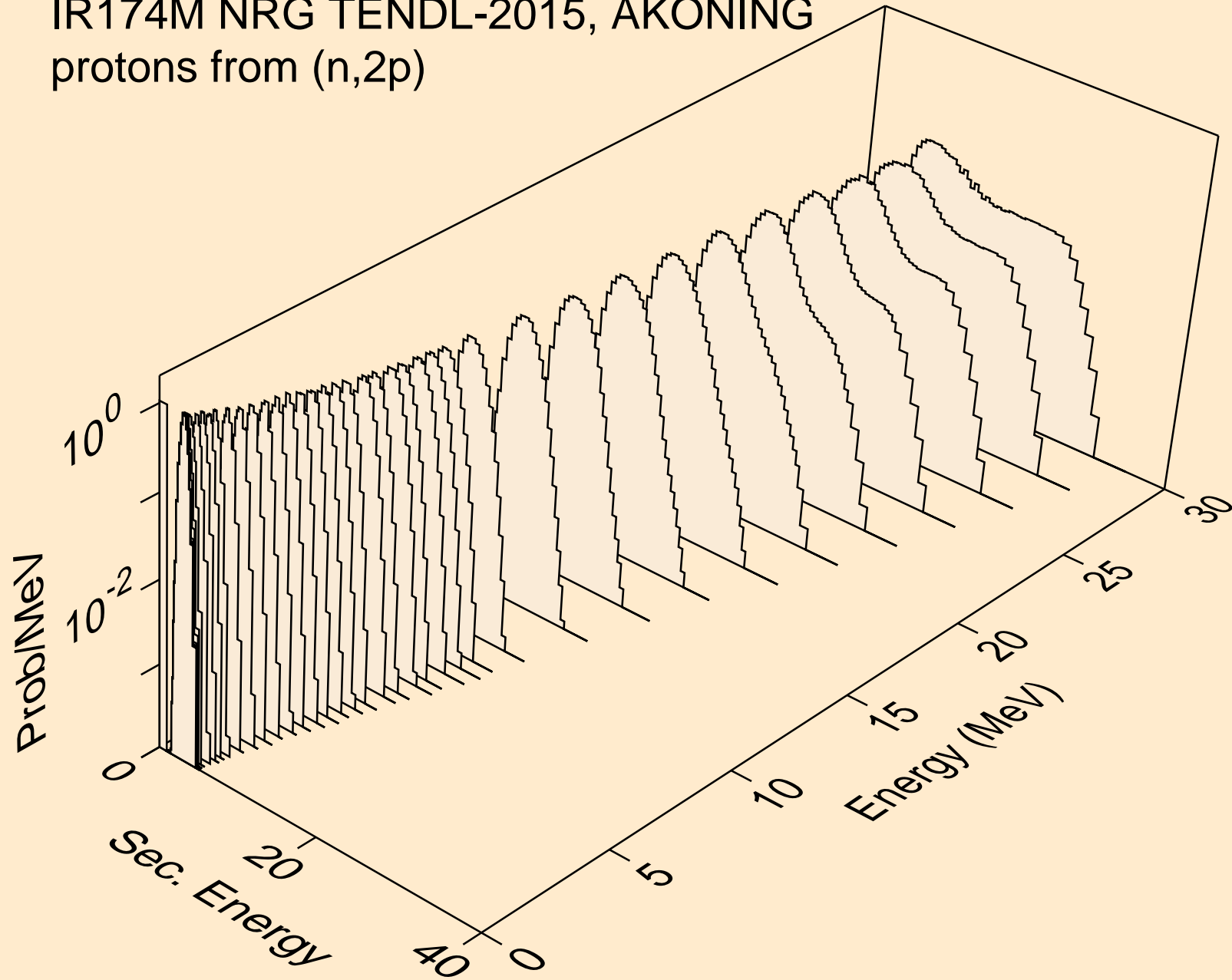
IR174M NRG TENDL-2015, AKONING  
protons from (n,npa)



IR174M NRG TENDL-2015, AKONING  
protons from (n,p)

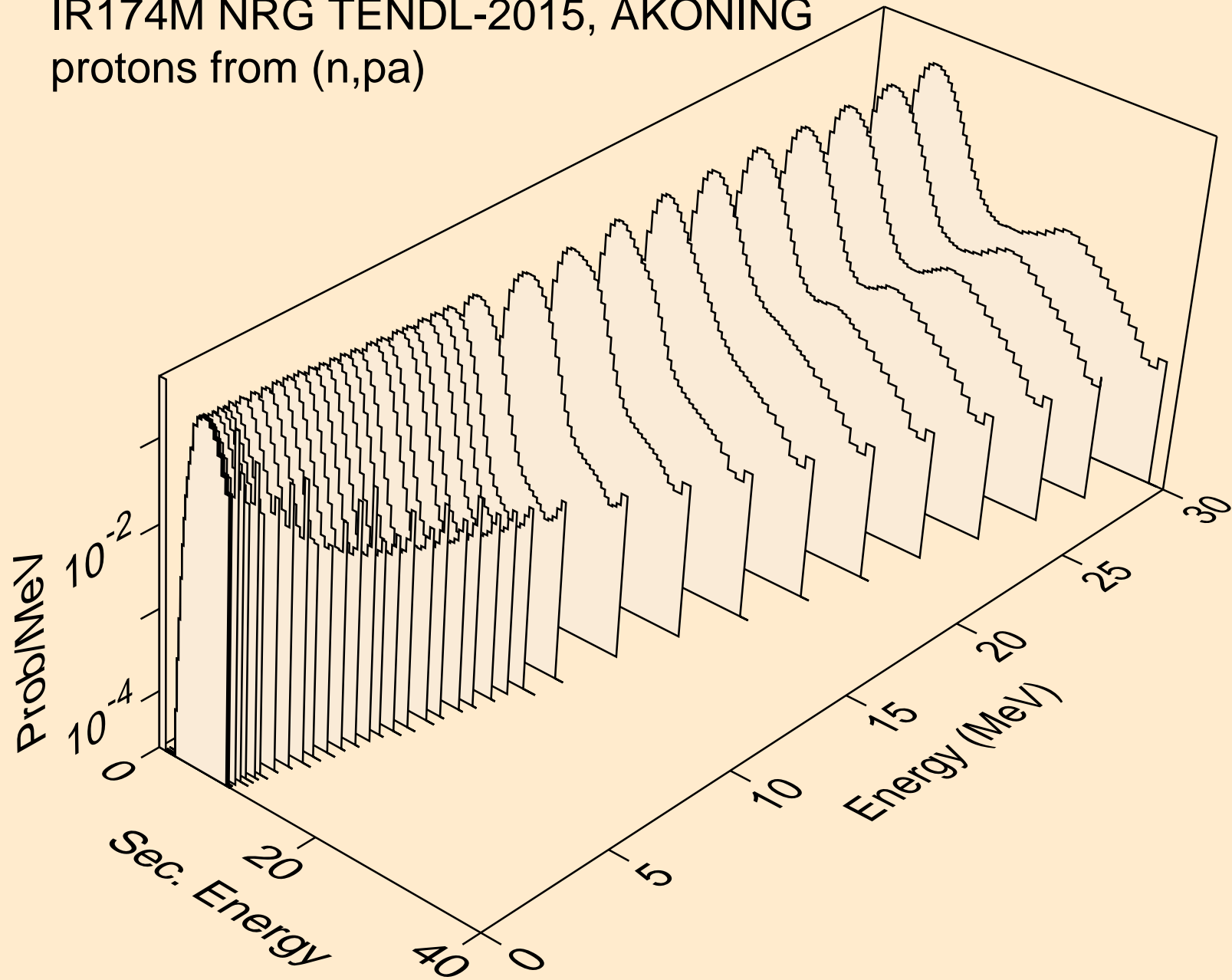


IR174M NRG TENDL-2015, AKONING  
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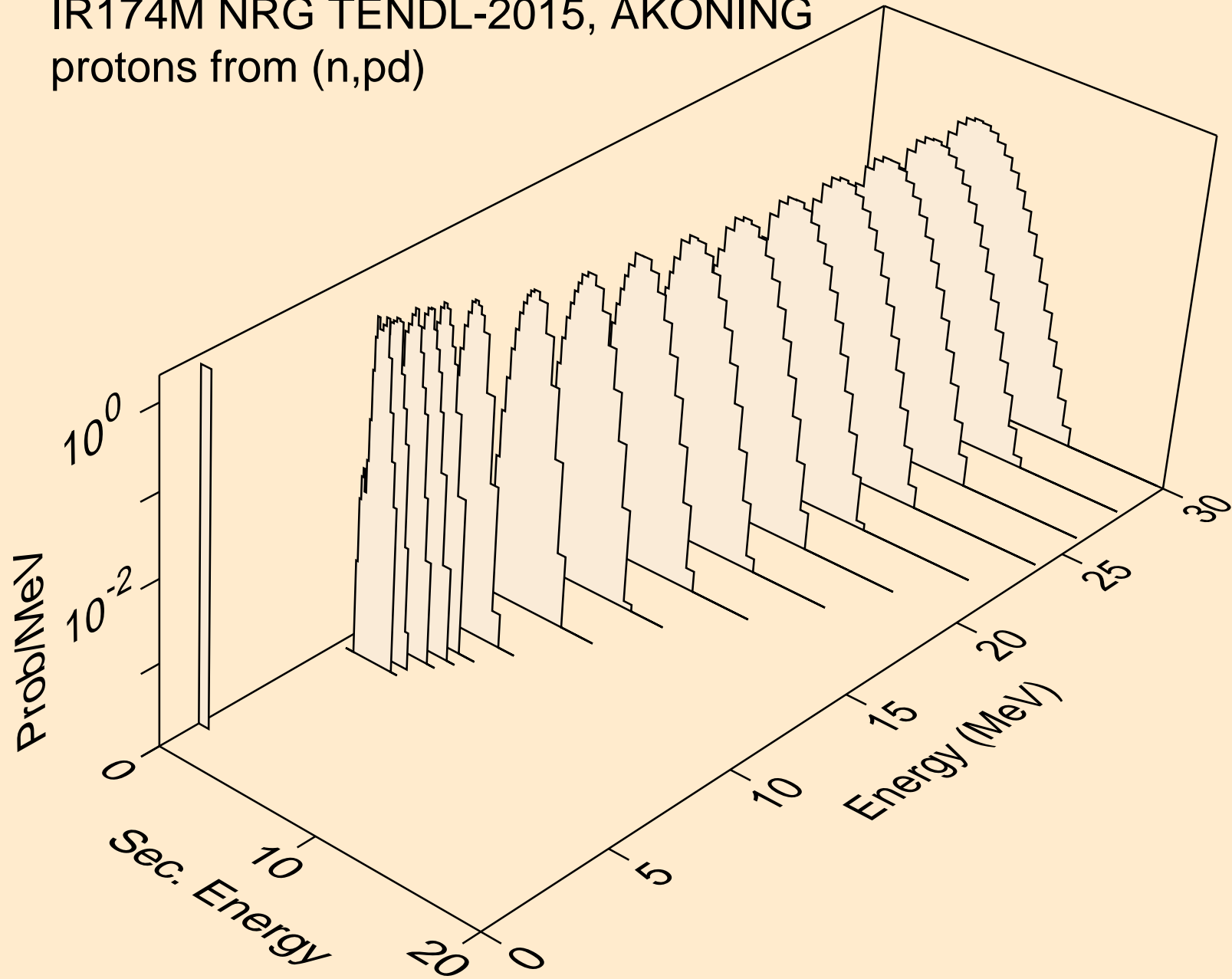




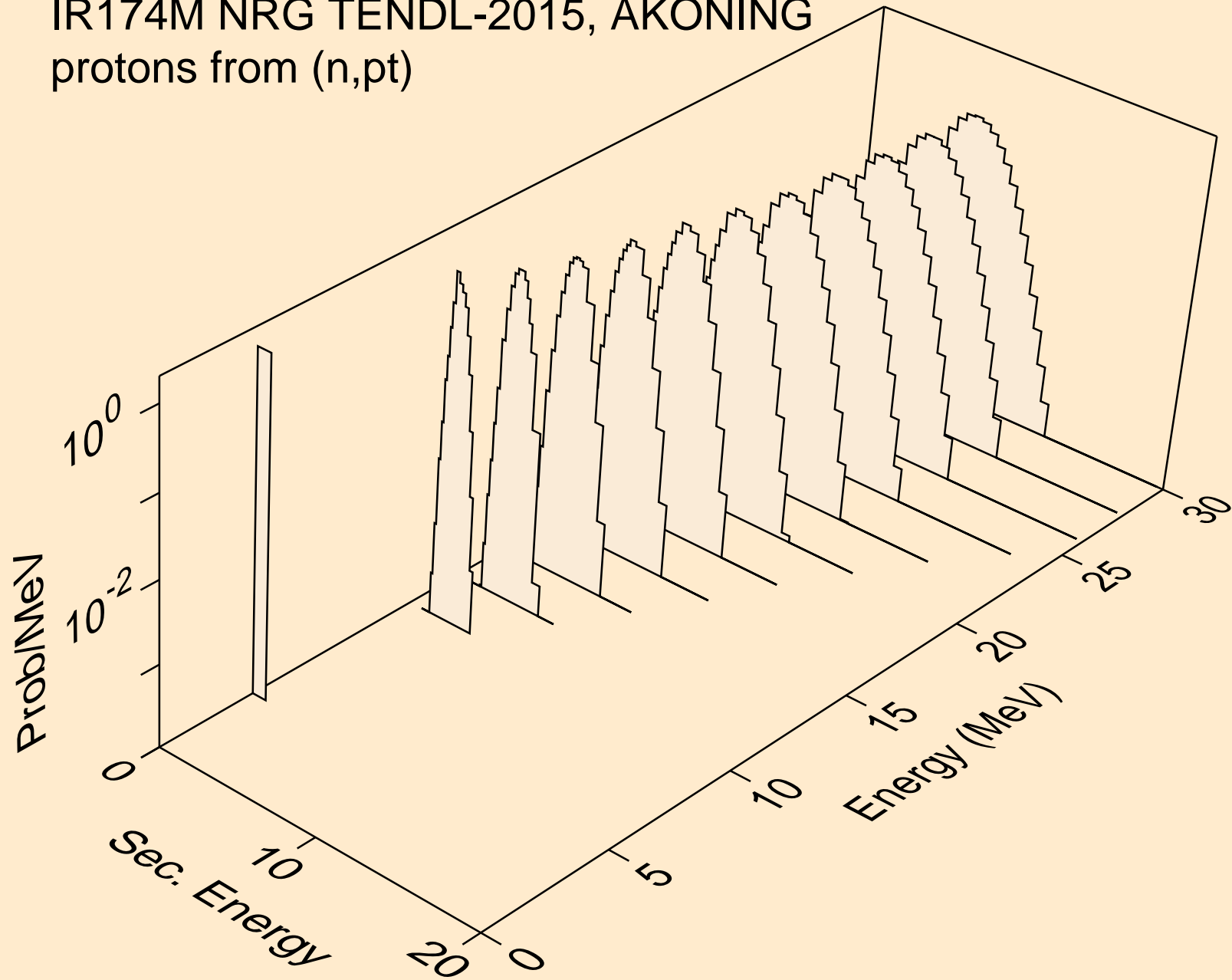
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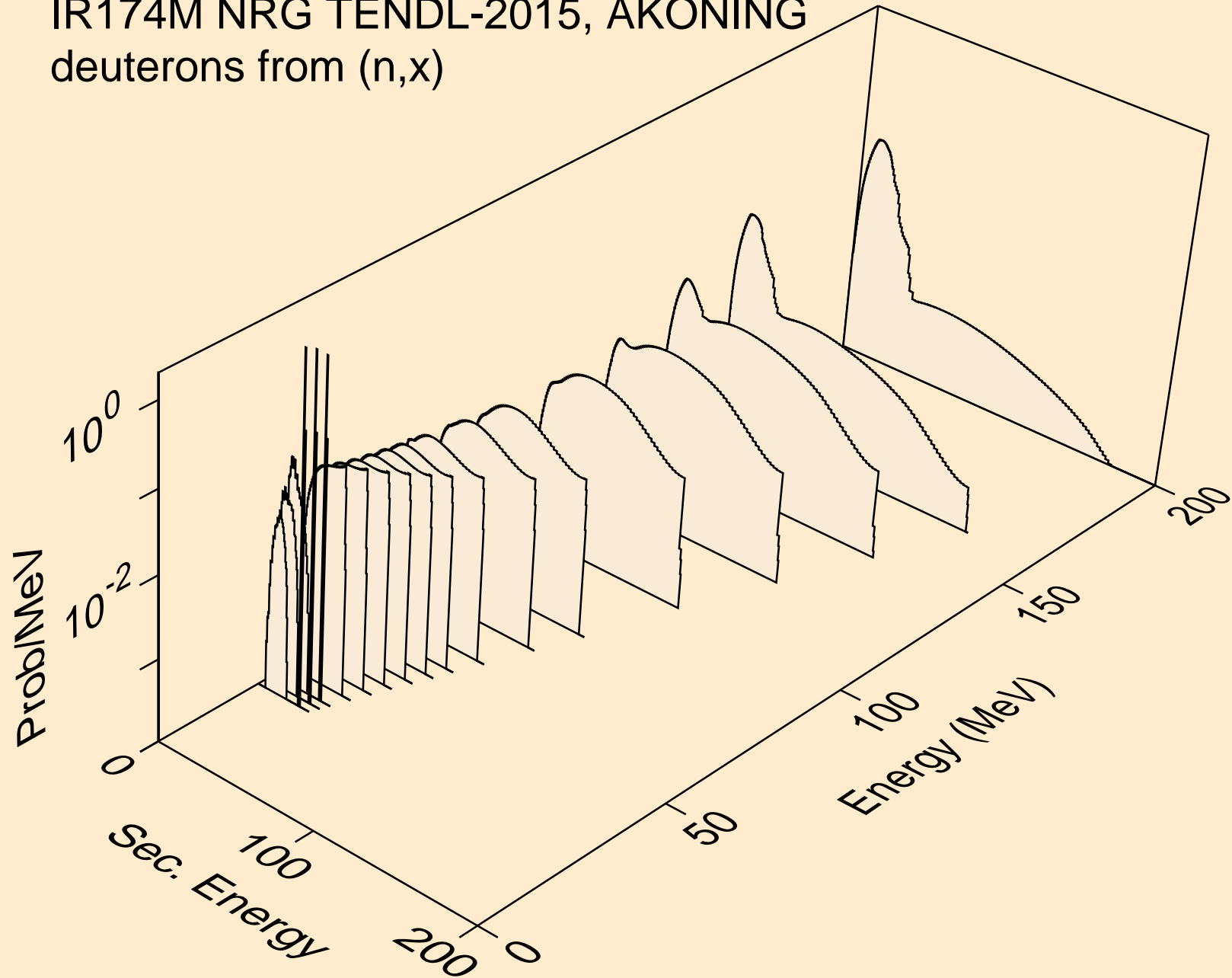
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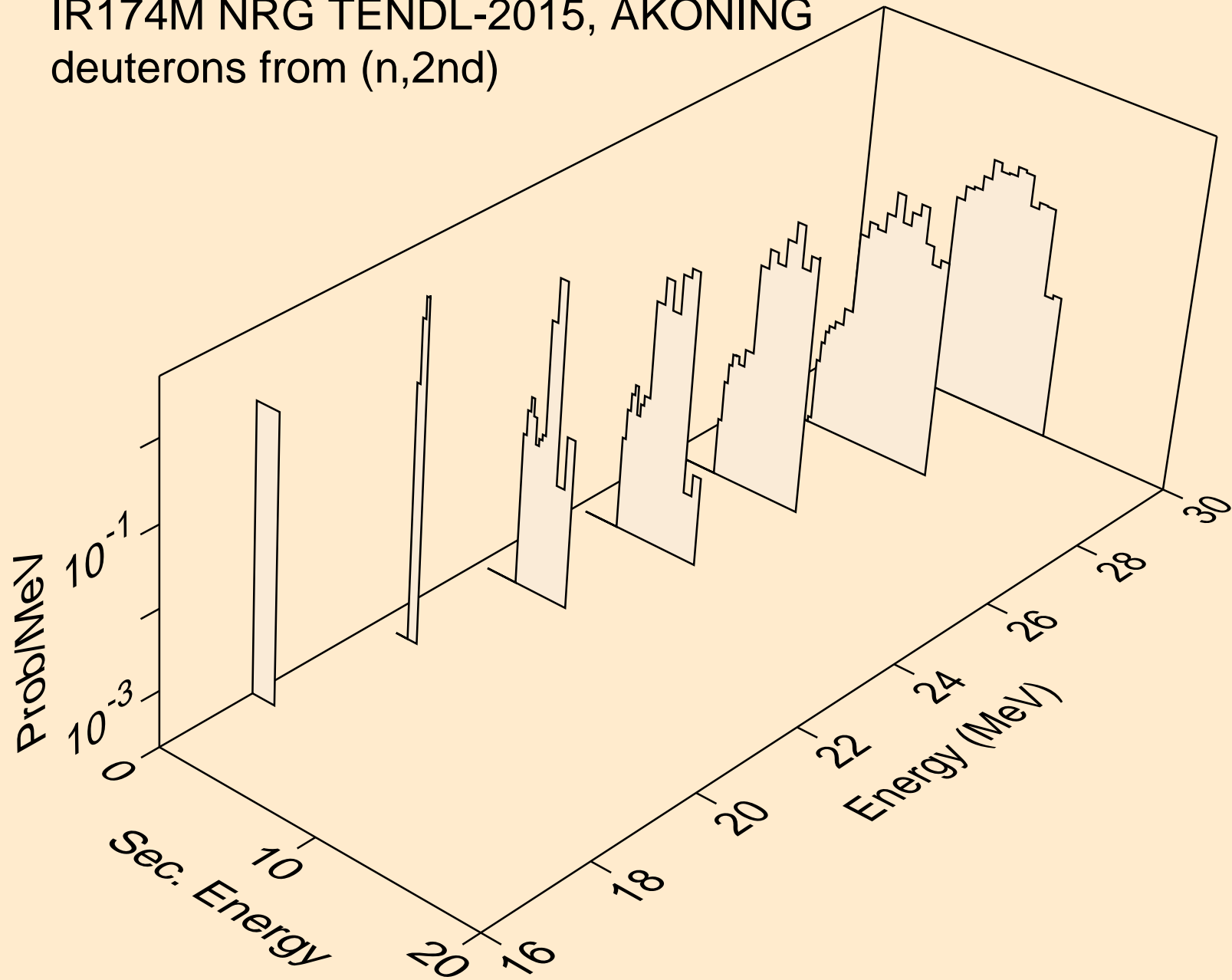
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protons from (n,pt)



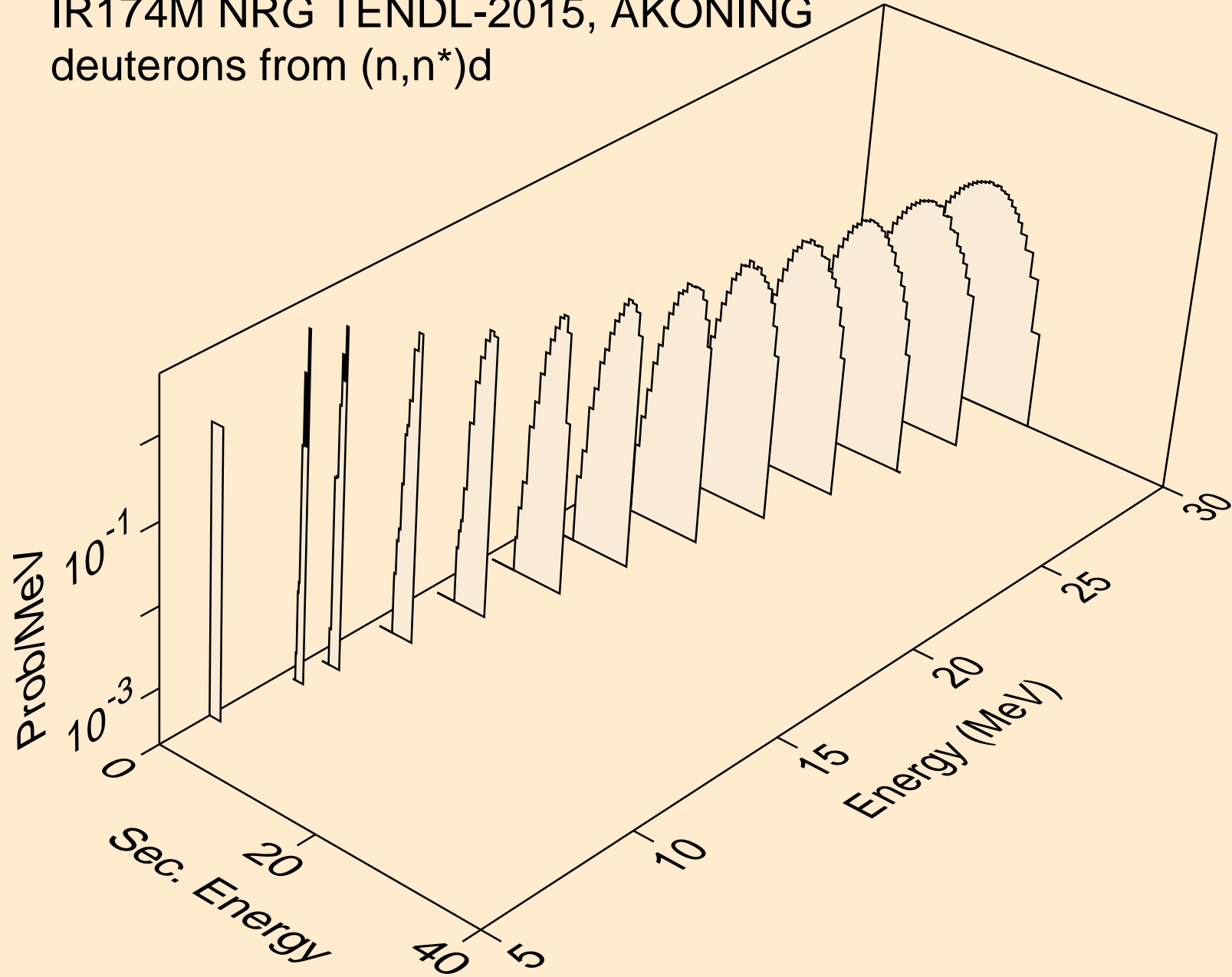
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deuterons from (n,x)



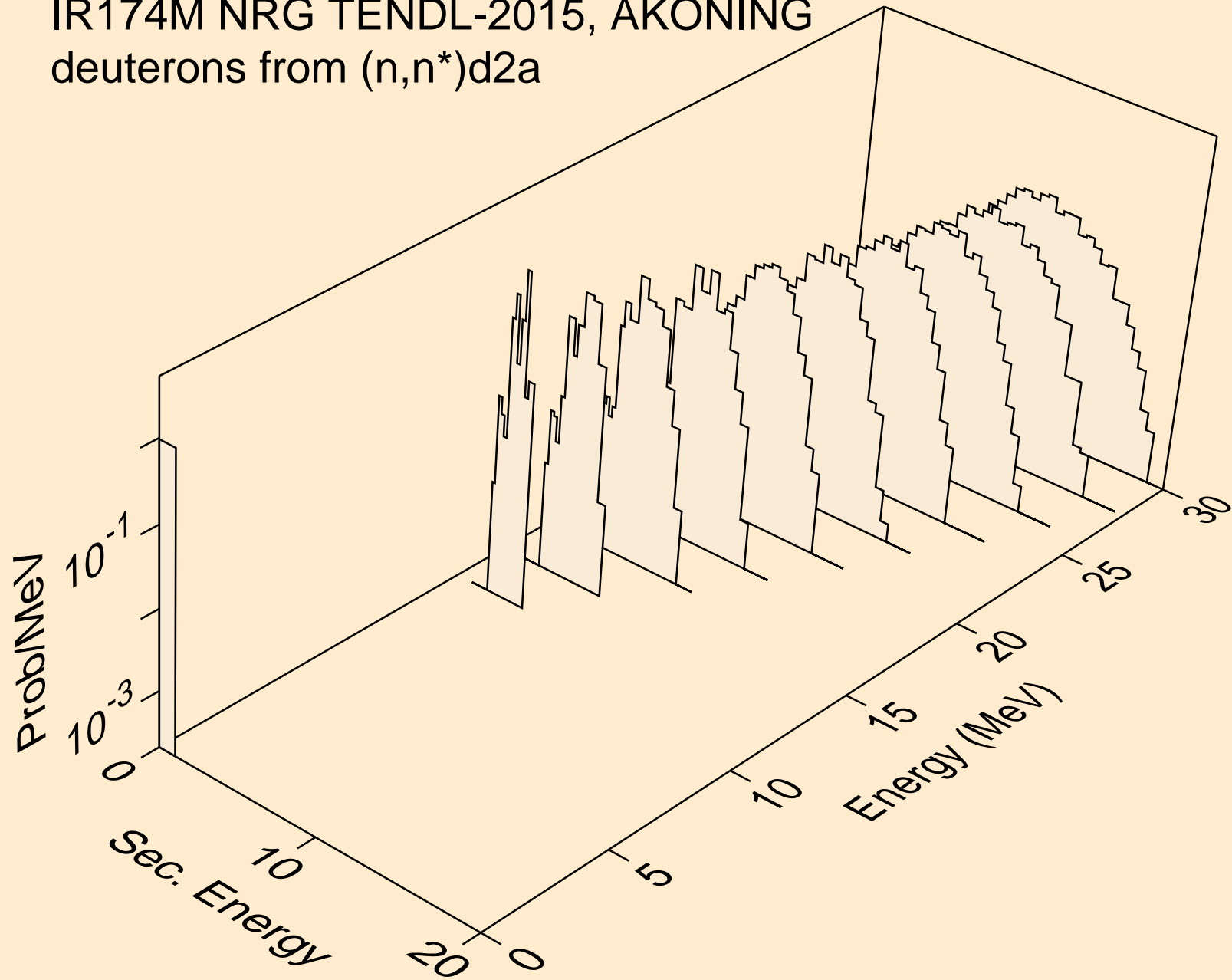
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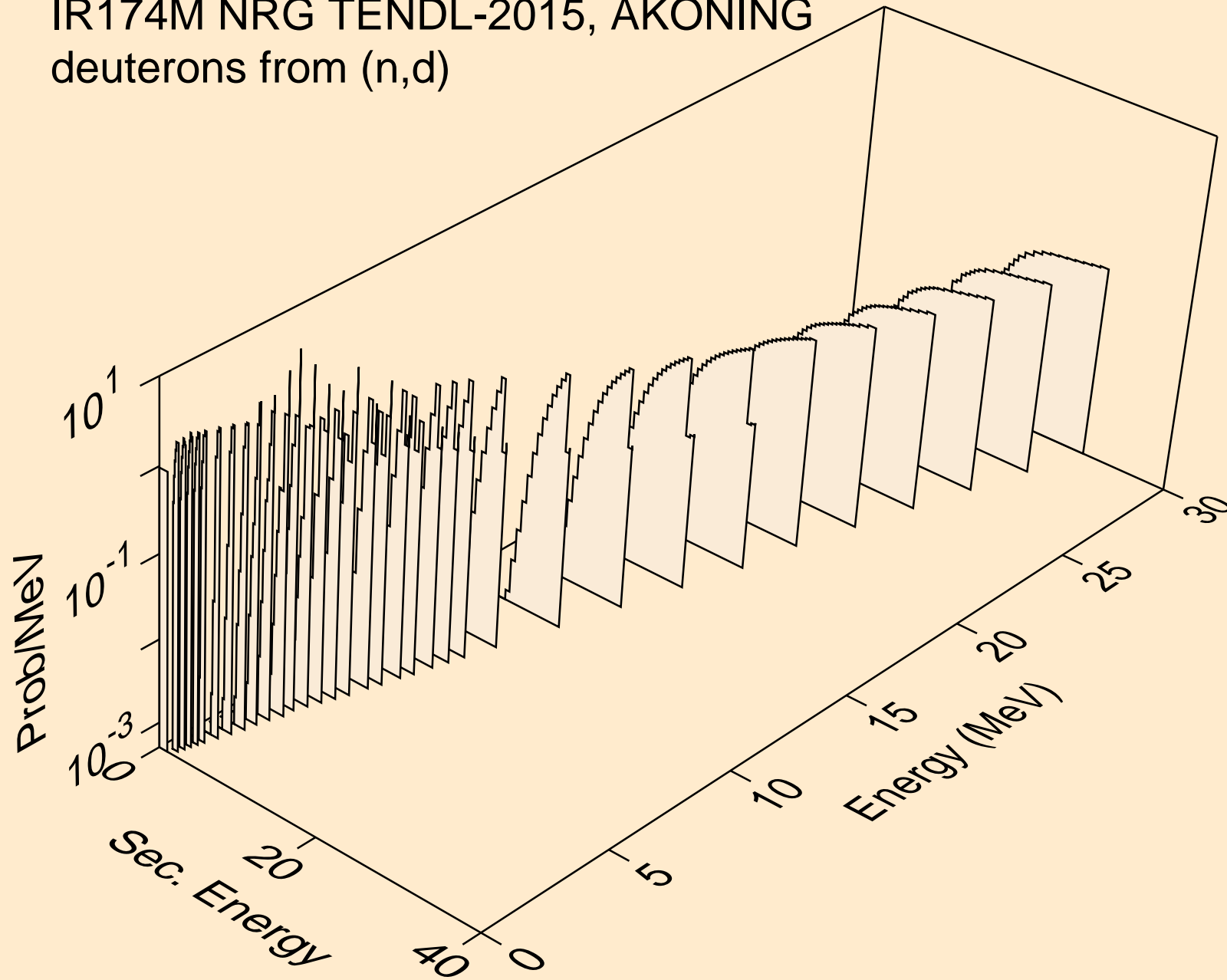
IR174M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



IR174M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a

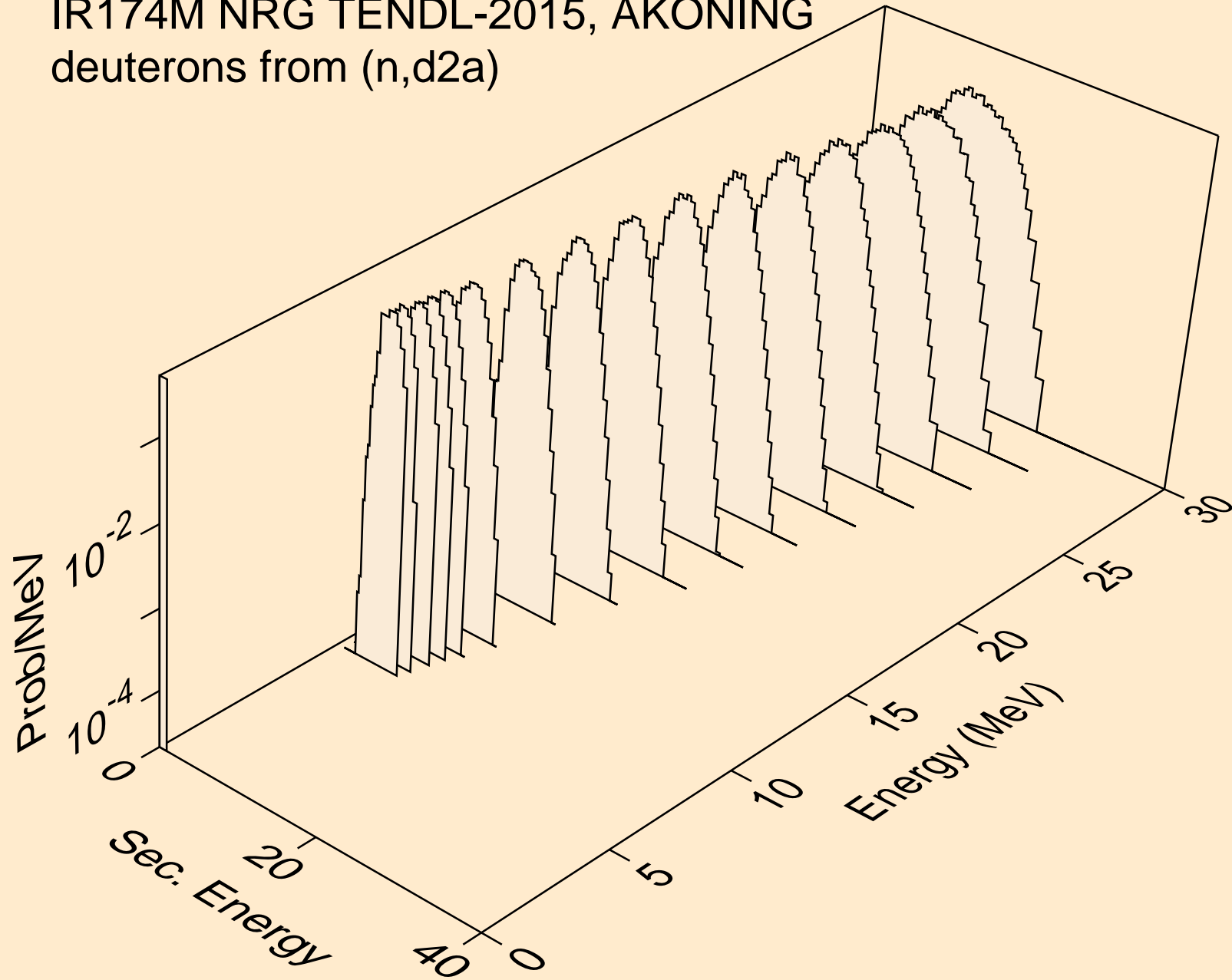


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deuterons from (n,d)

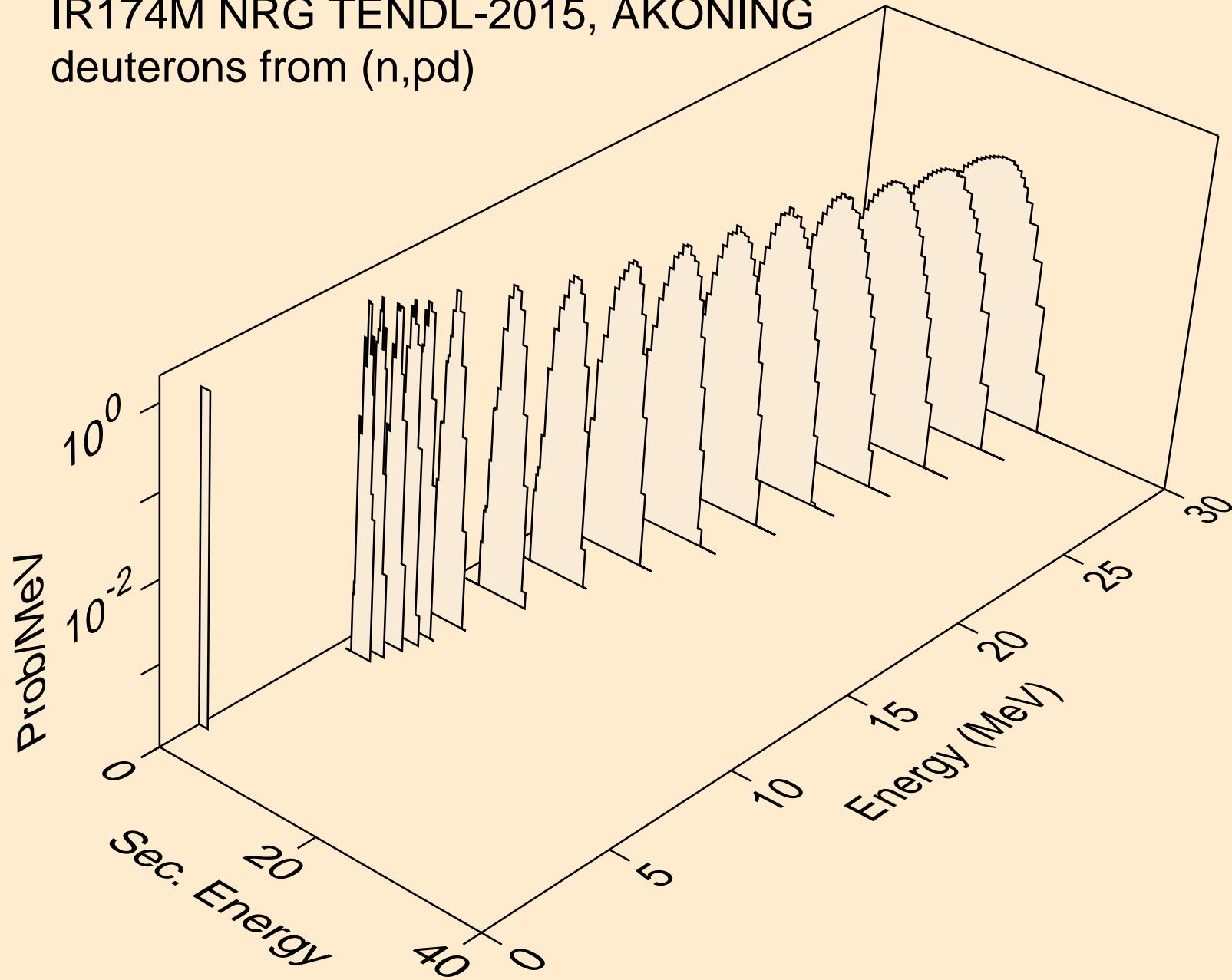




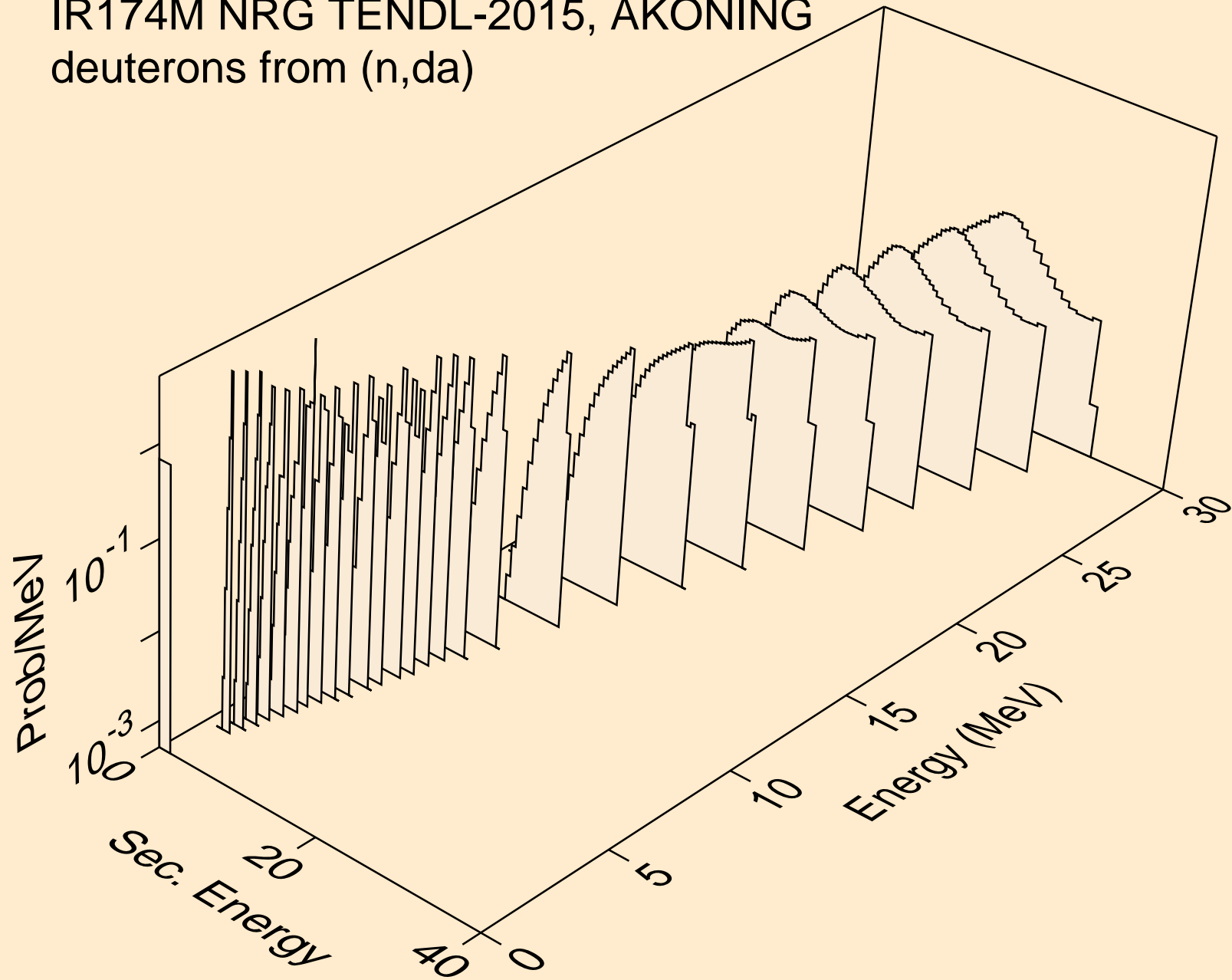
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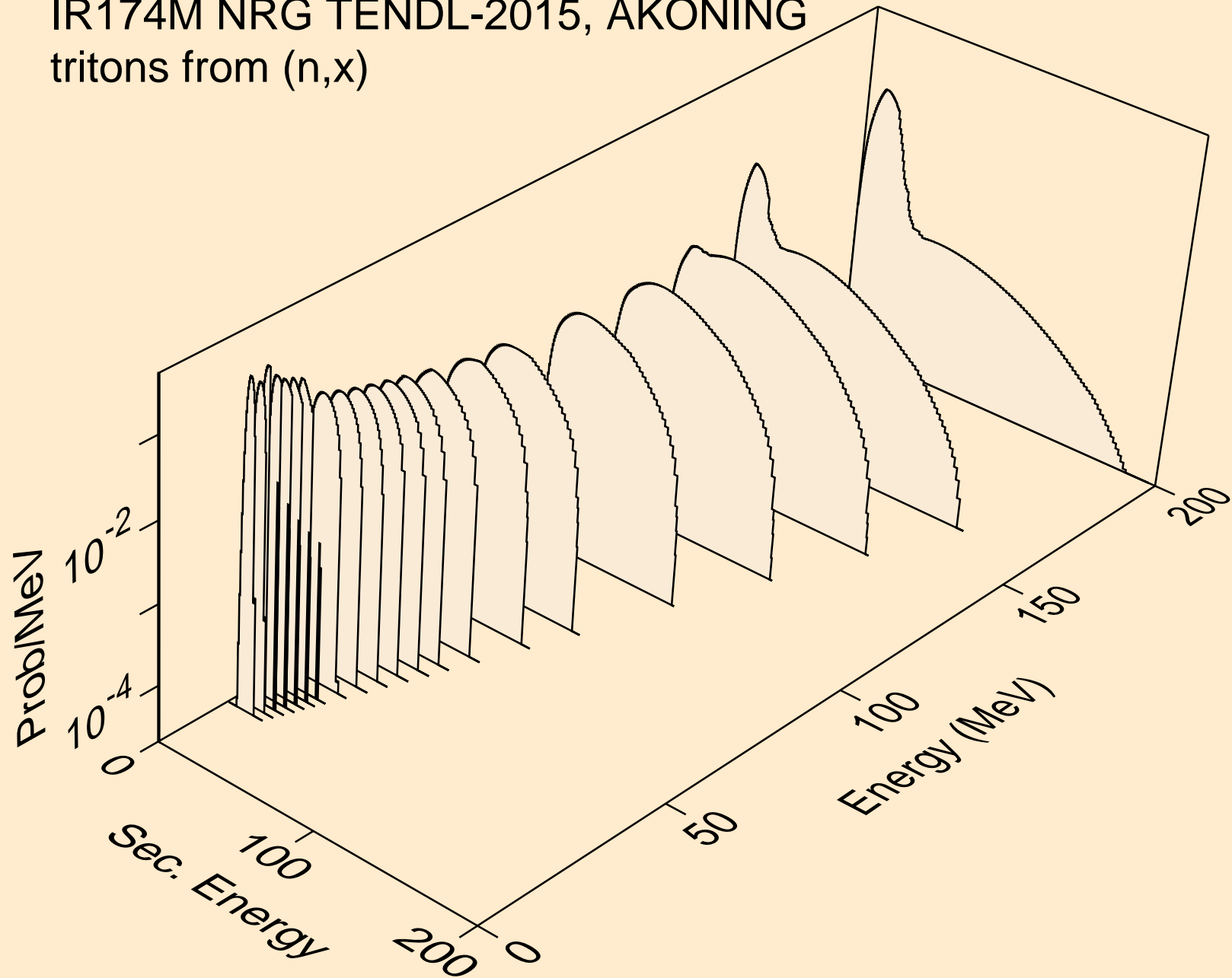
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deuterons from (n,pd)



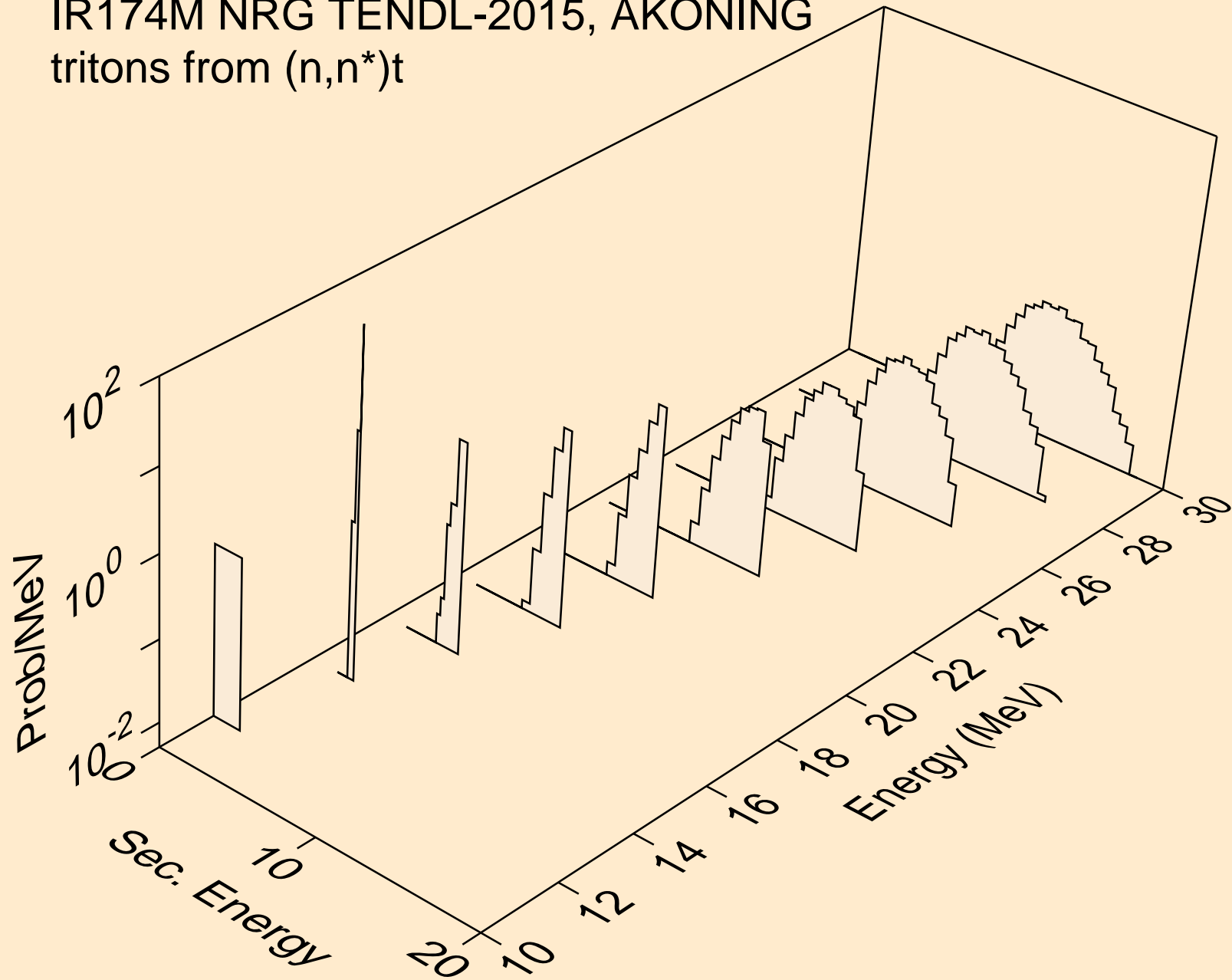
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deuterons from (n,da)



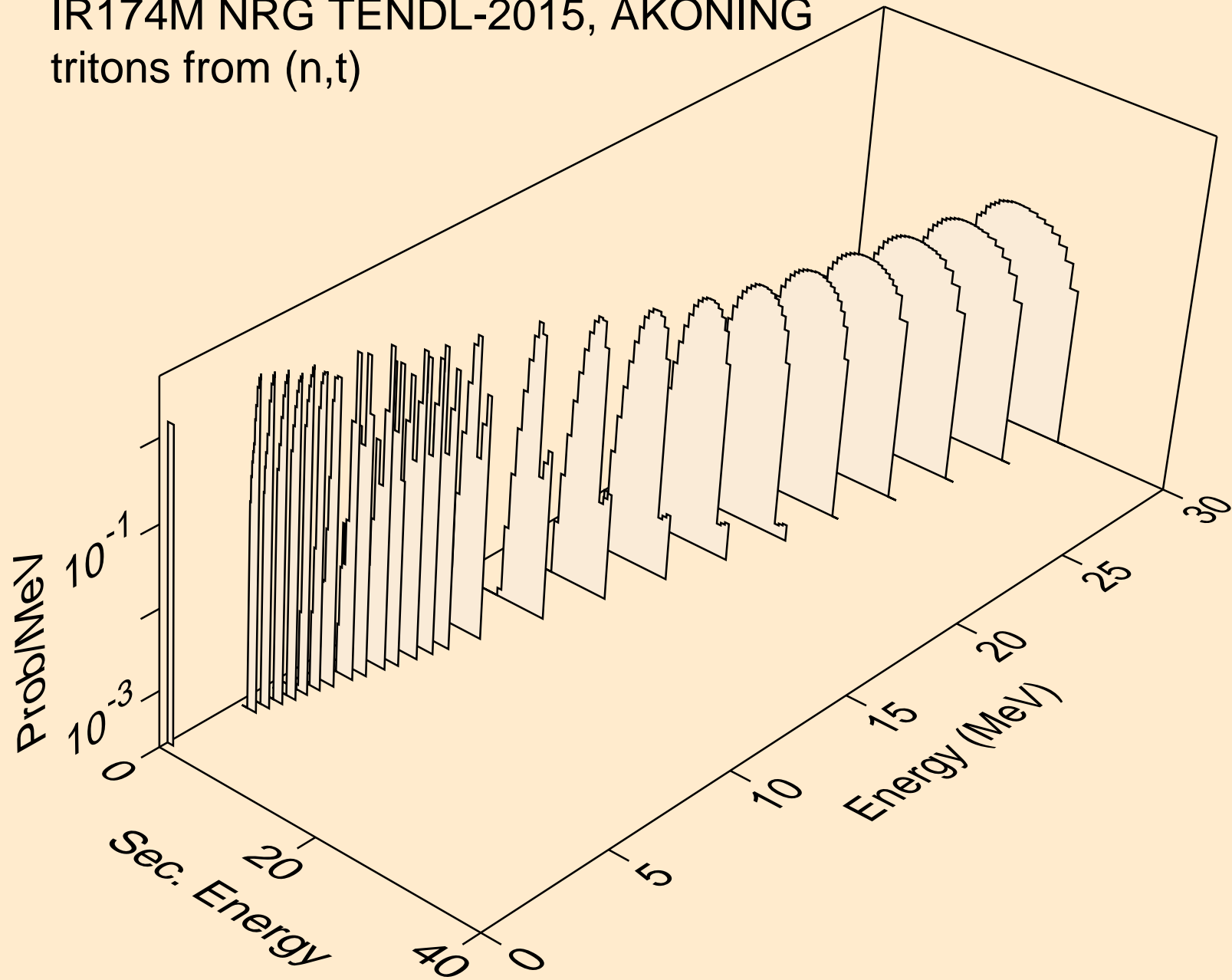
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tritons from (n,x)



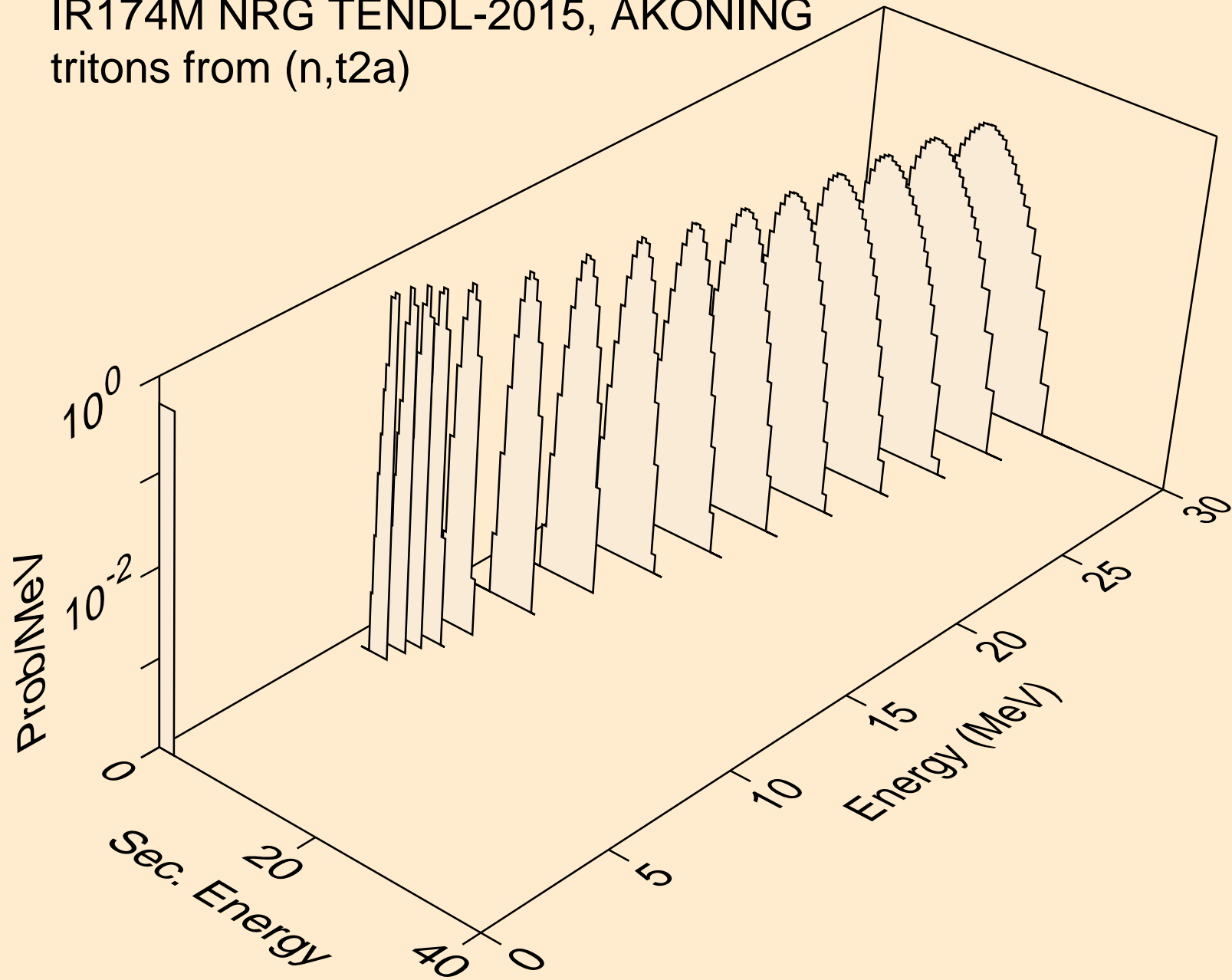
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tritons from (n,n\*)t



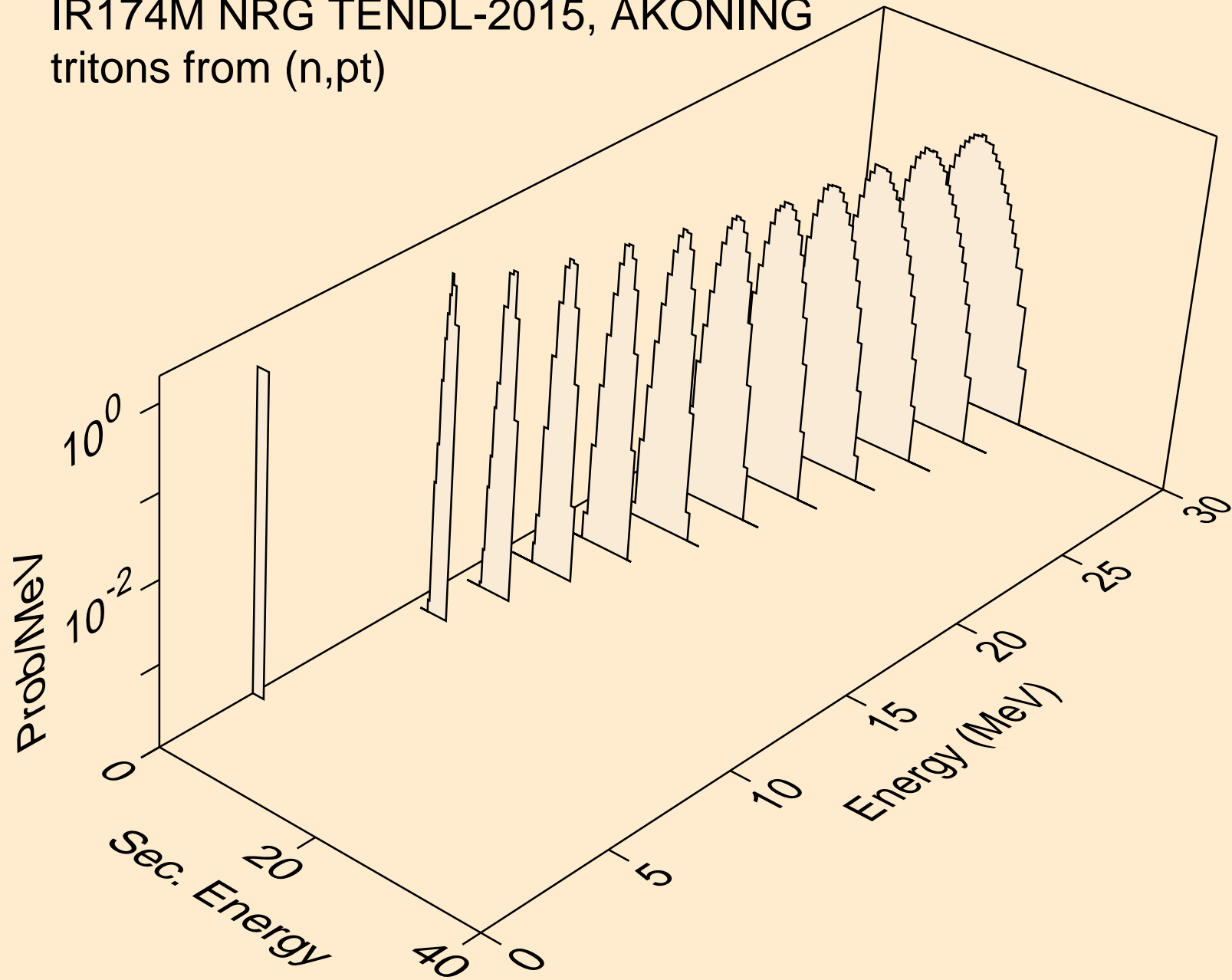
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tritons from (n,t)



IR174M NRG TENDL-2015, AKONING  
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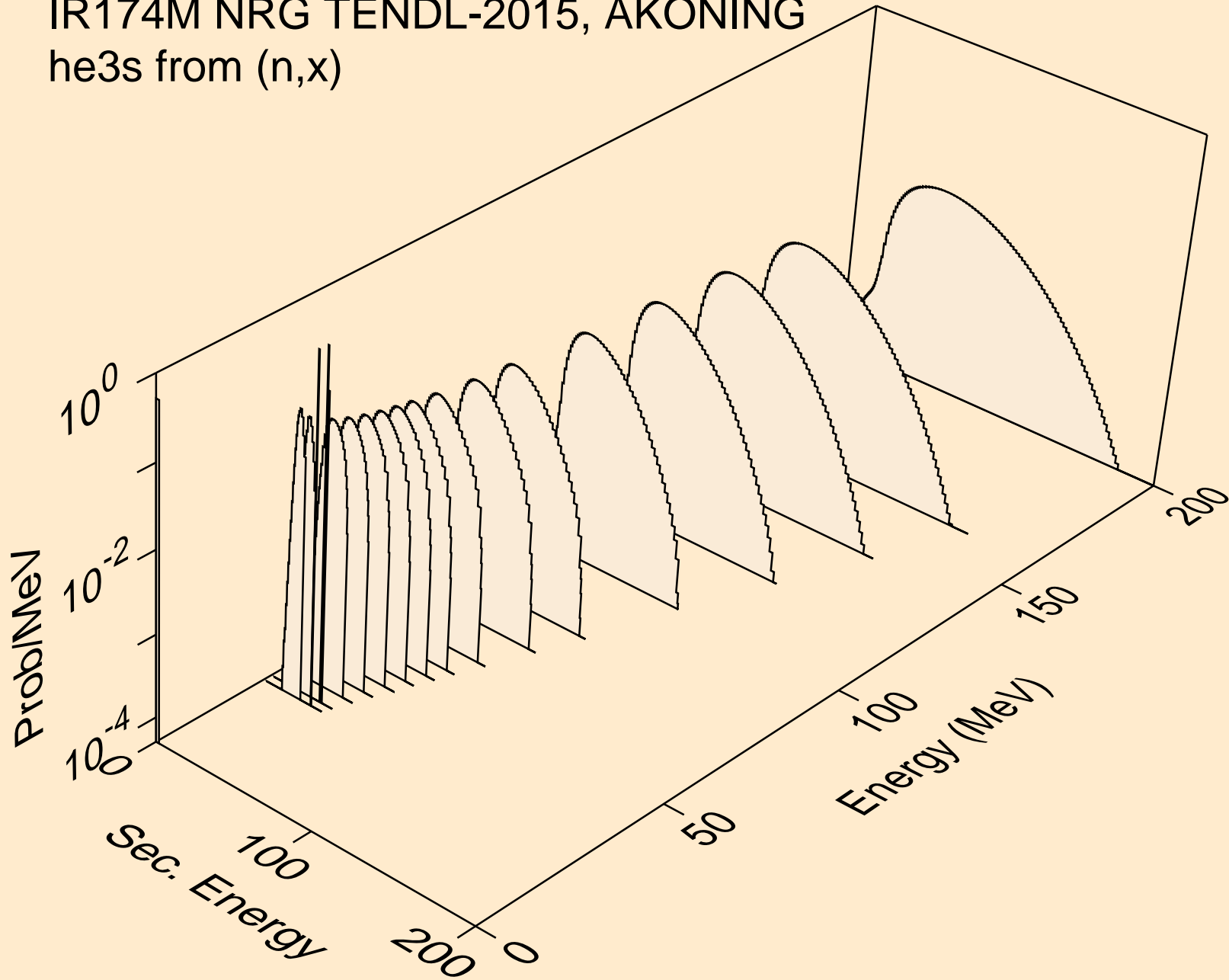


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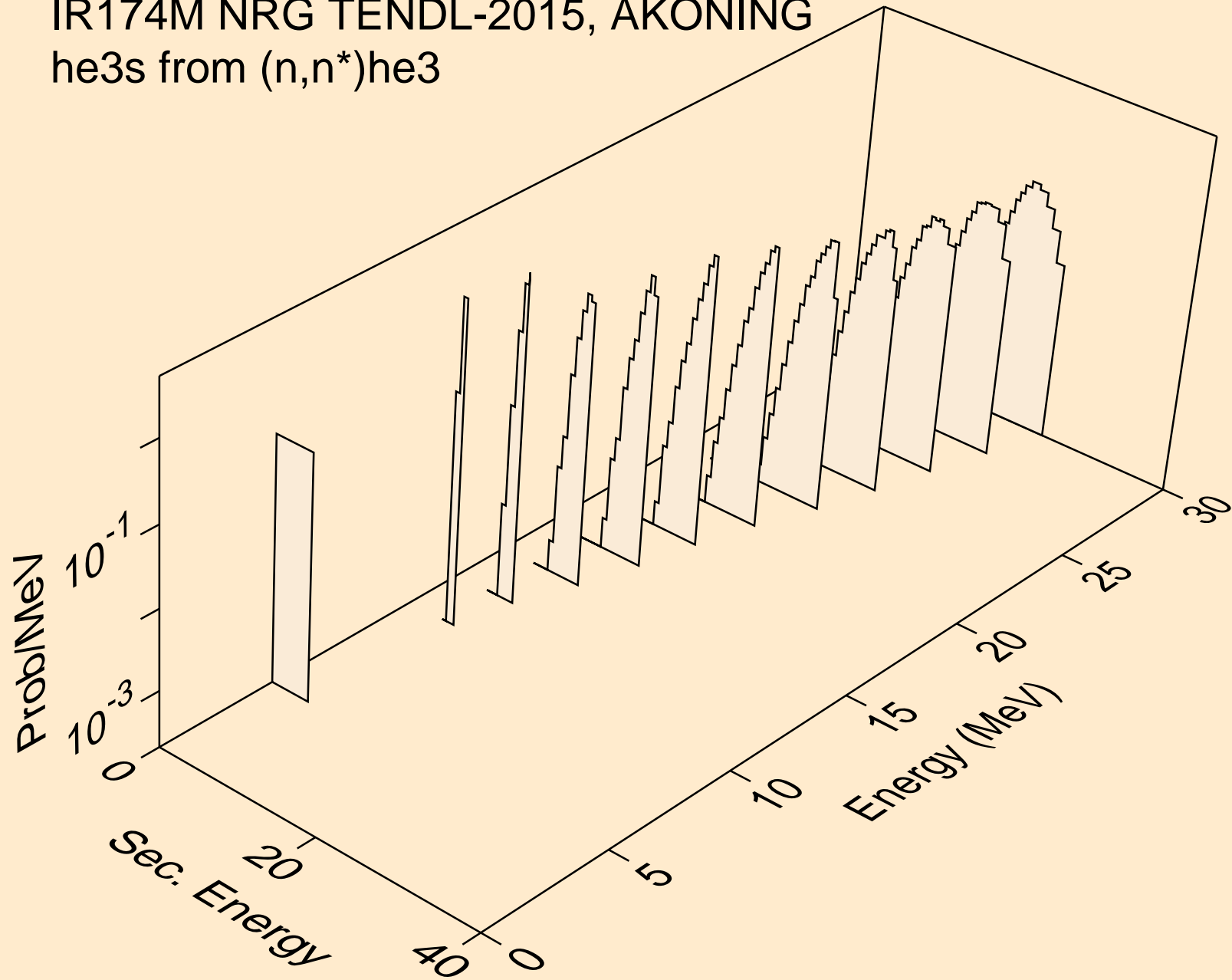




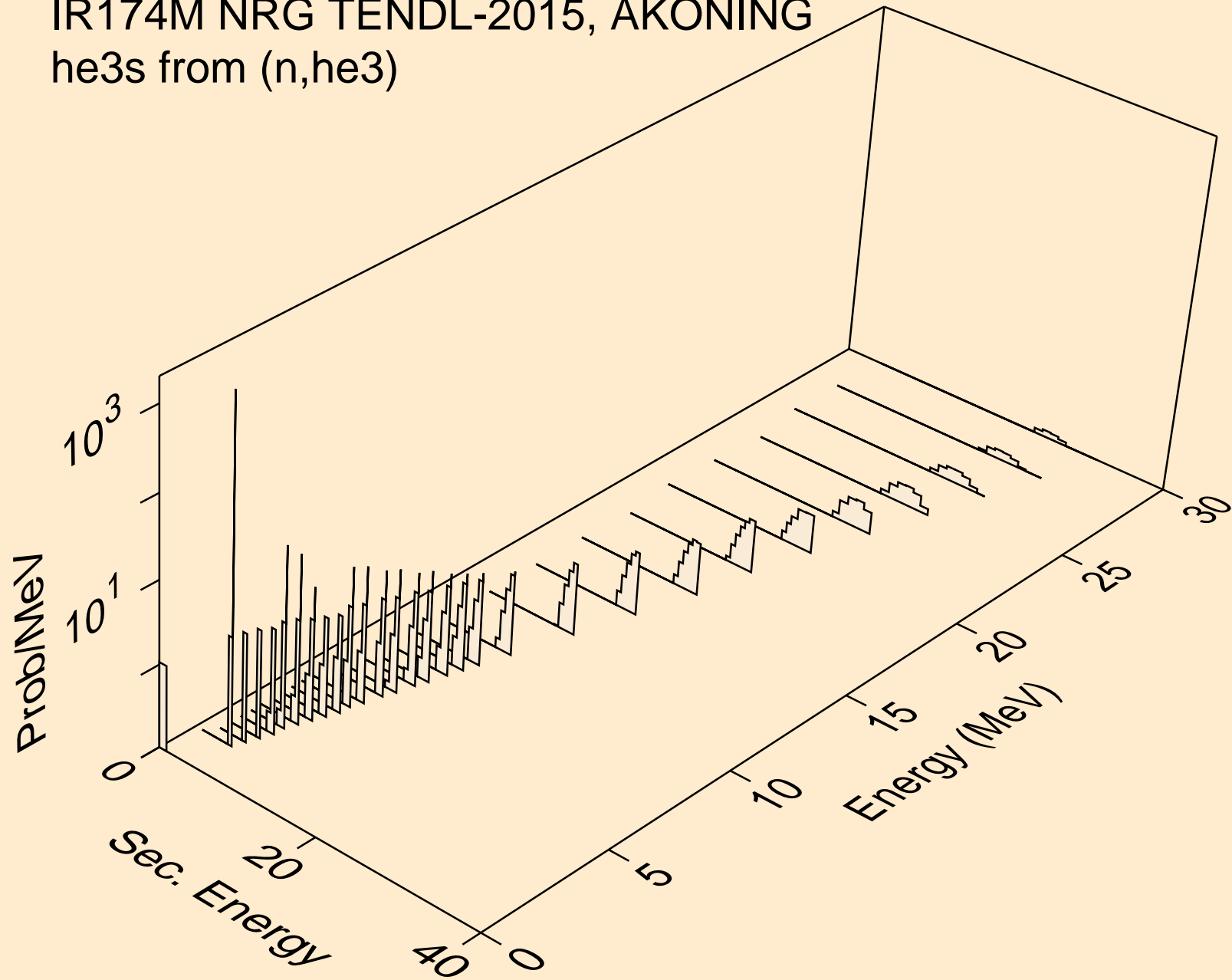
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he3s from (n,x)



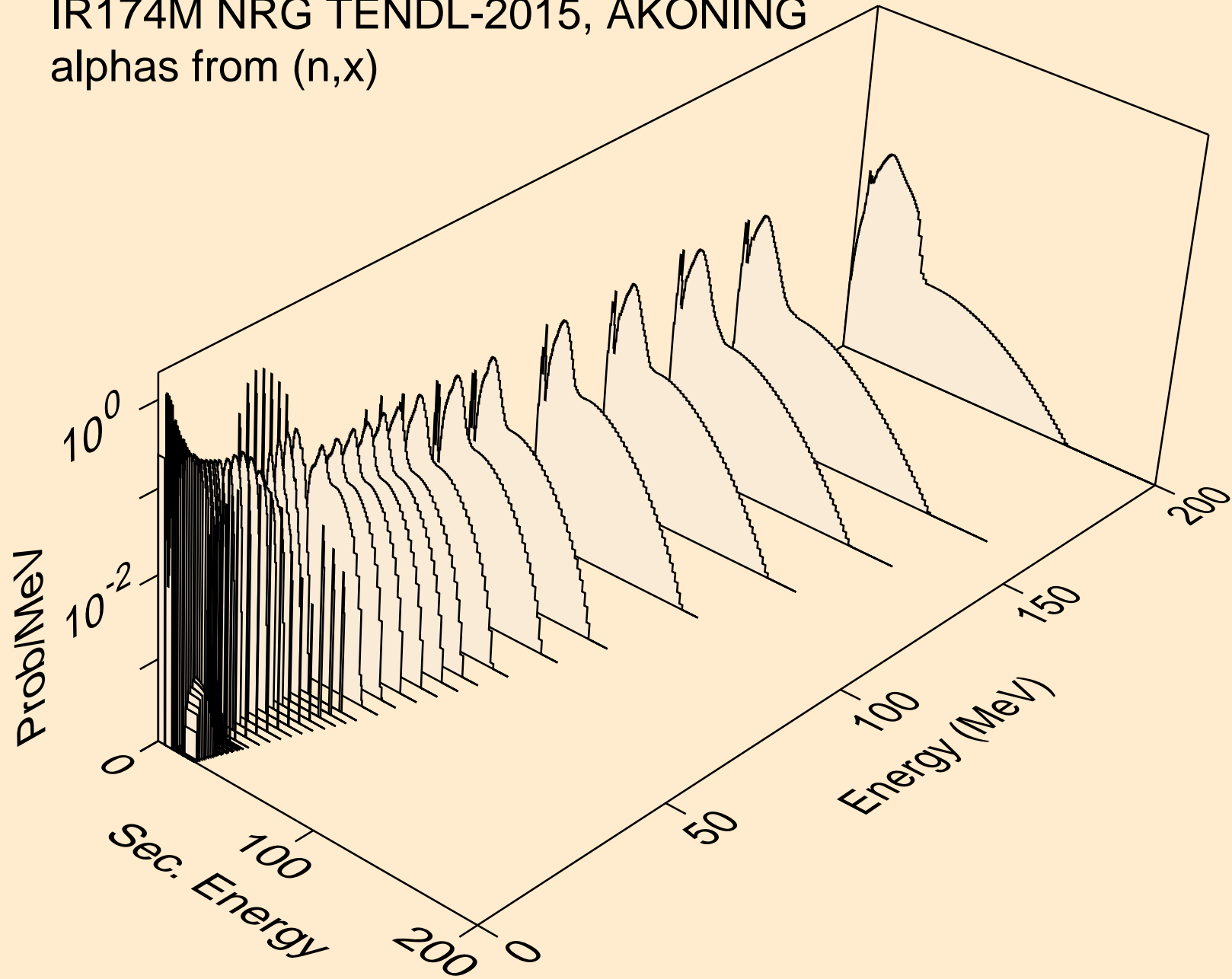
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he3s from (n,n\*)he3



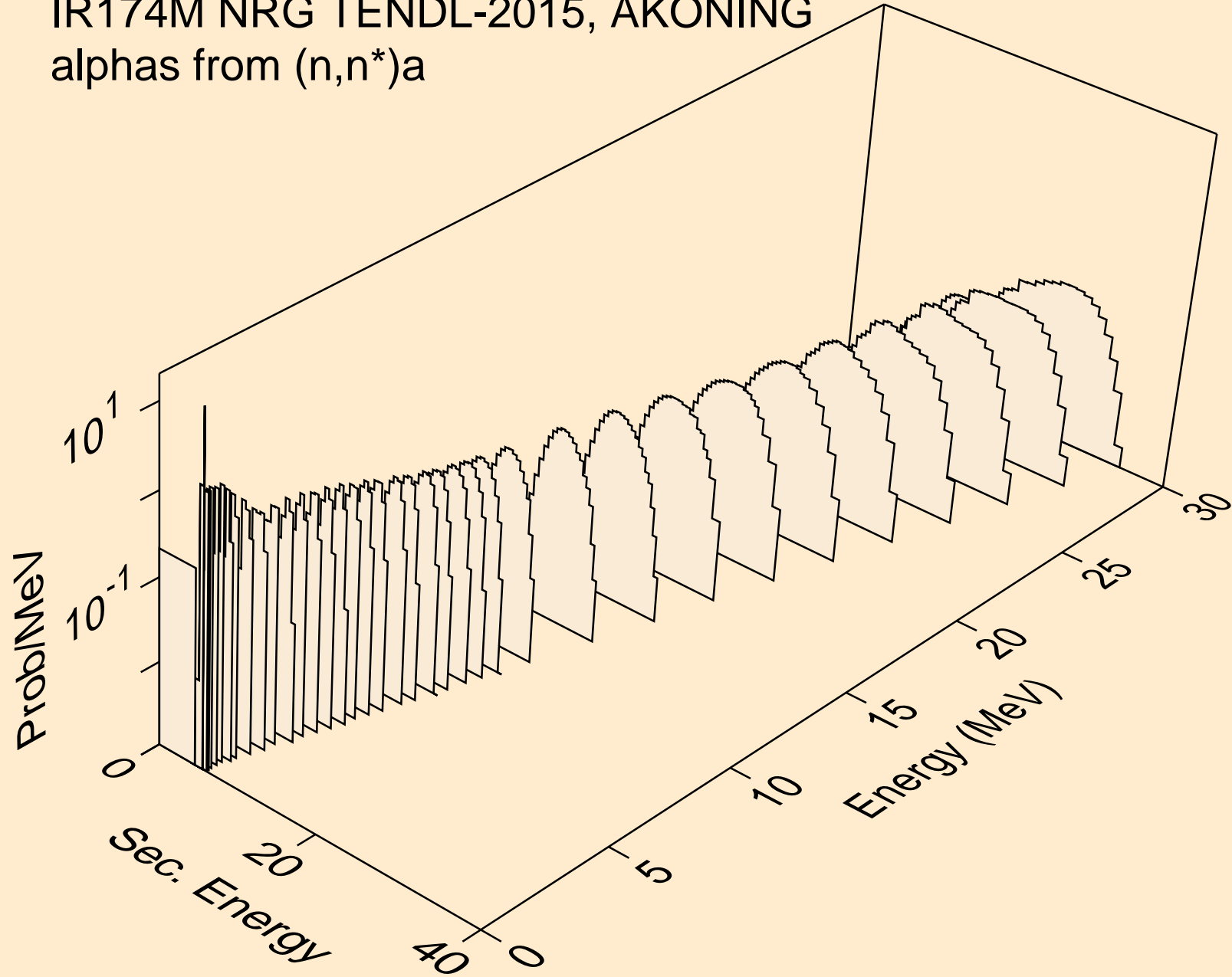
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he3s from (n,he3)



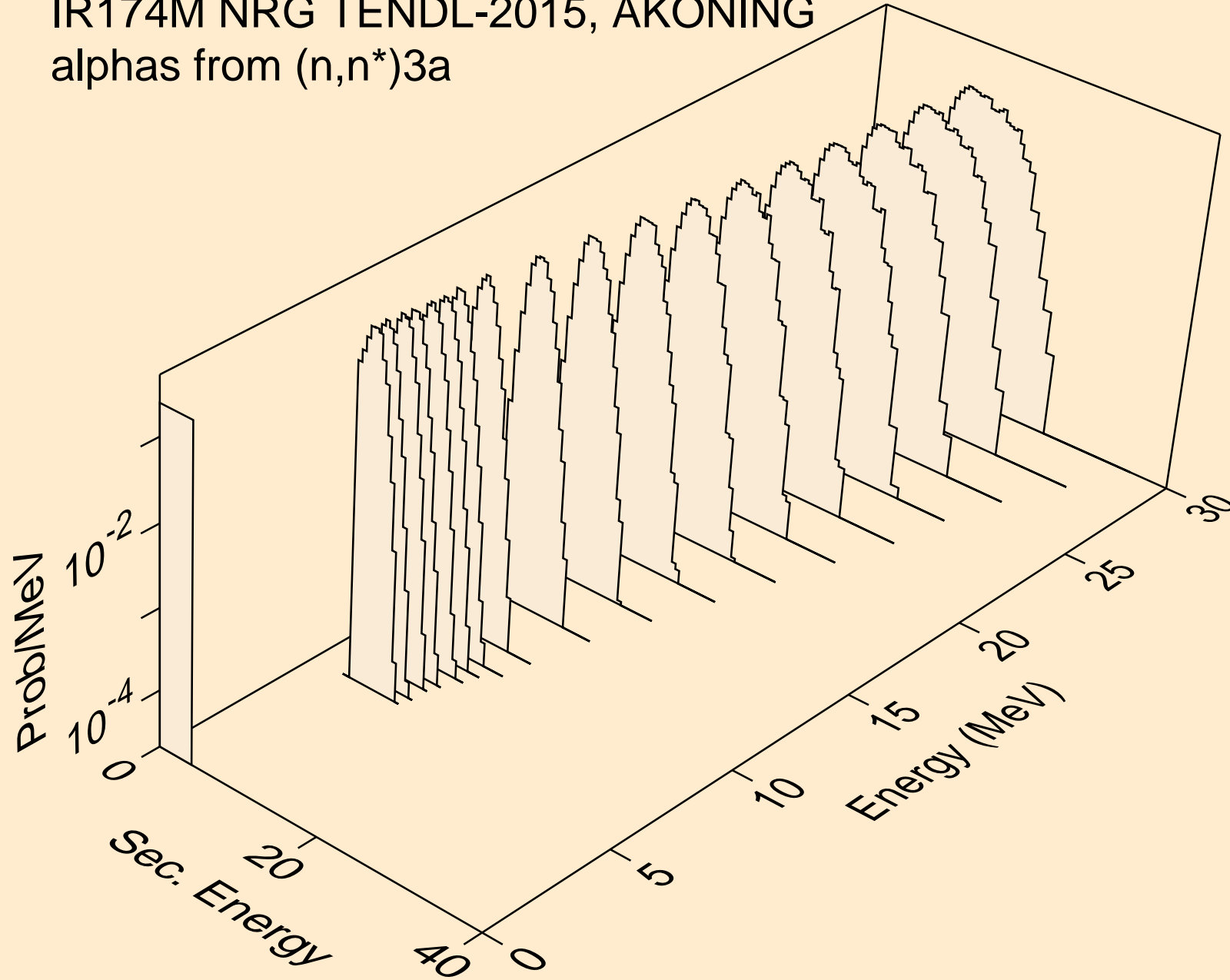
IR174M NRG TENDL-2015, AKONING  
alphas from (n,x)



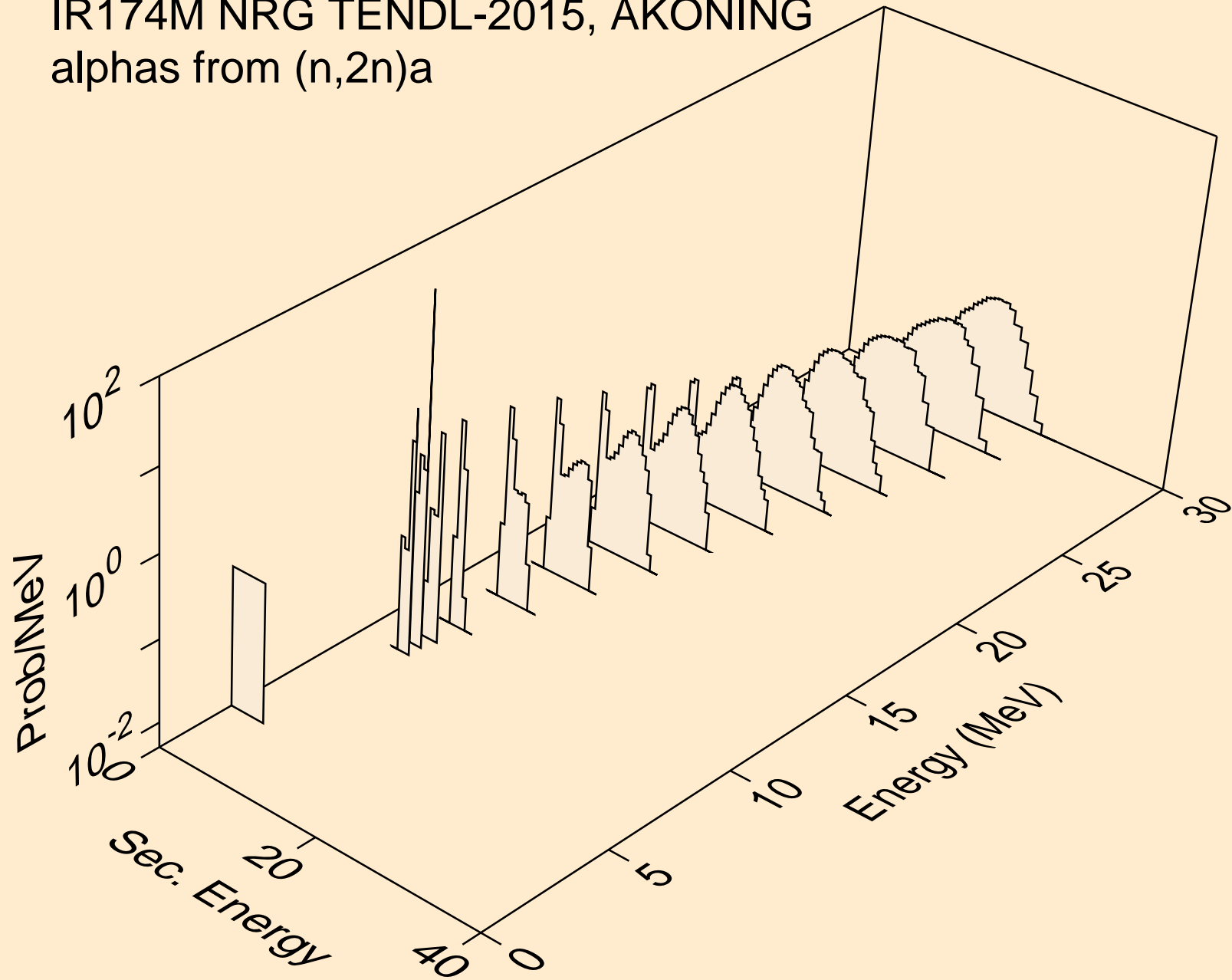
IR174M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



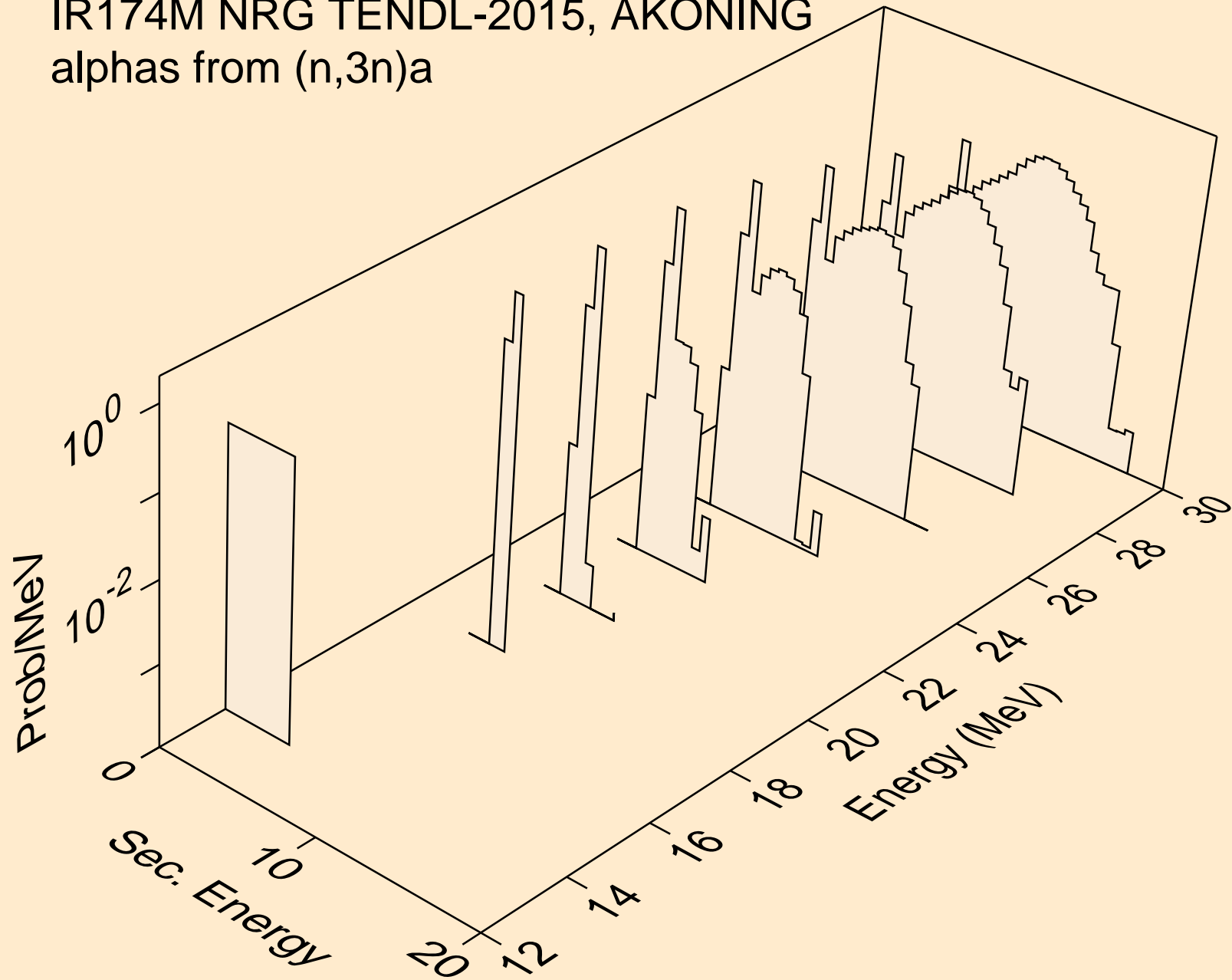
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alphas from (n,n\*)3a



IR174M NRG TENDL-2015, AKONING  
alphas from (n,2n)a

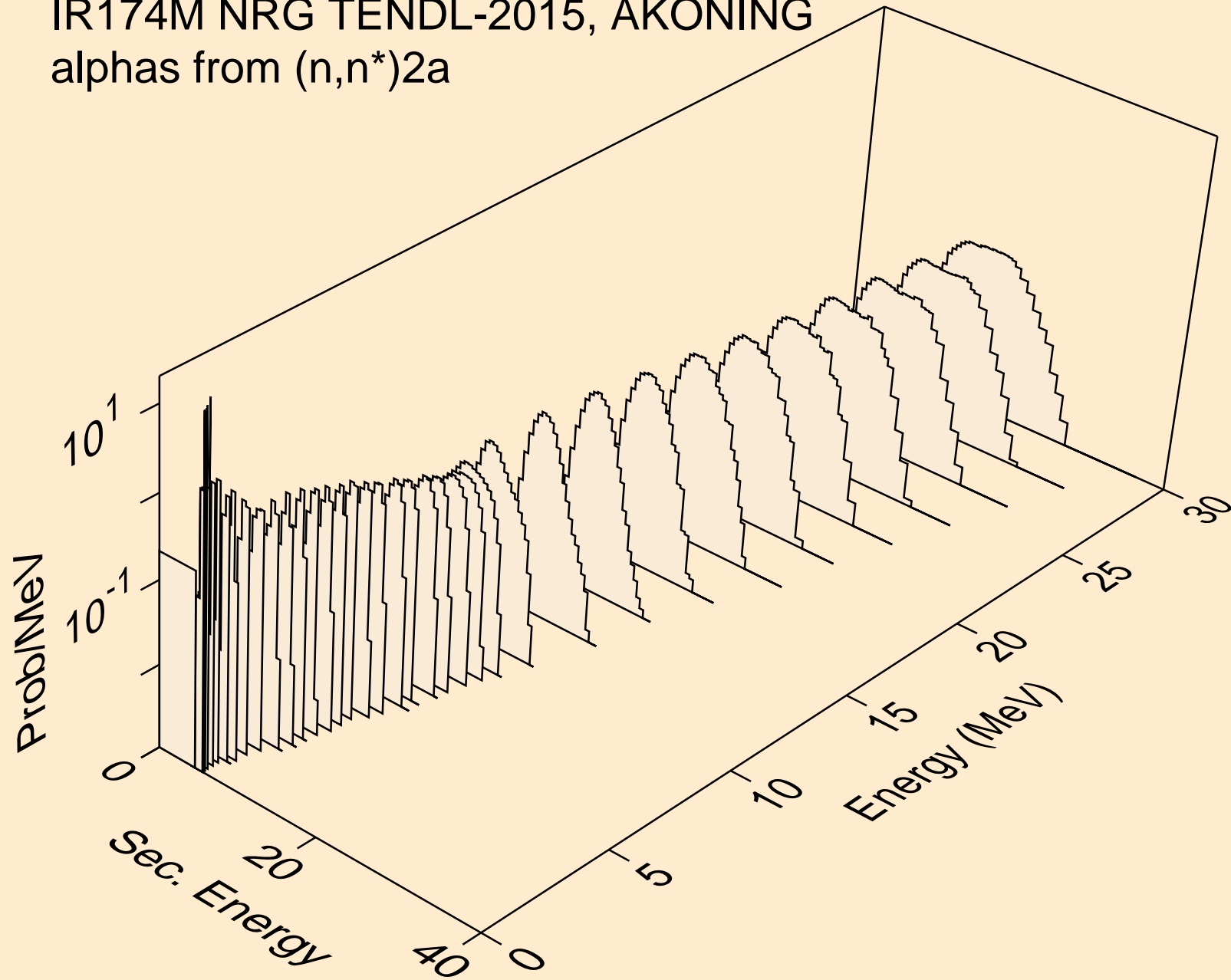


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alphas from (n,3n)a

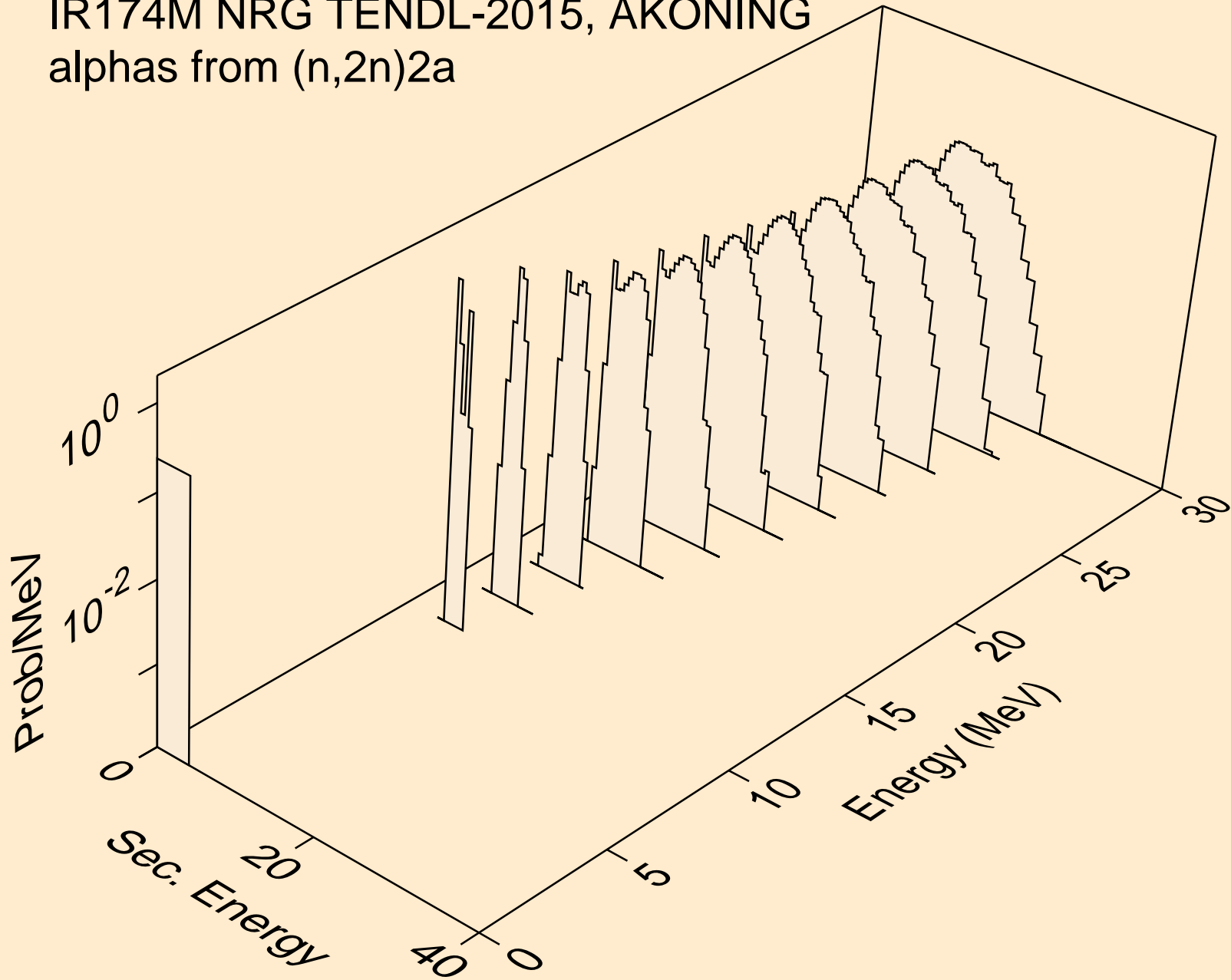




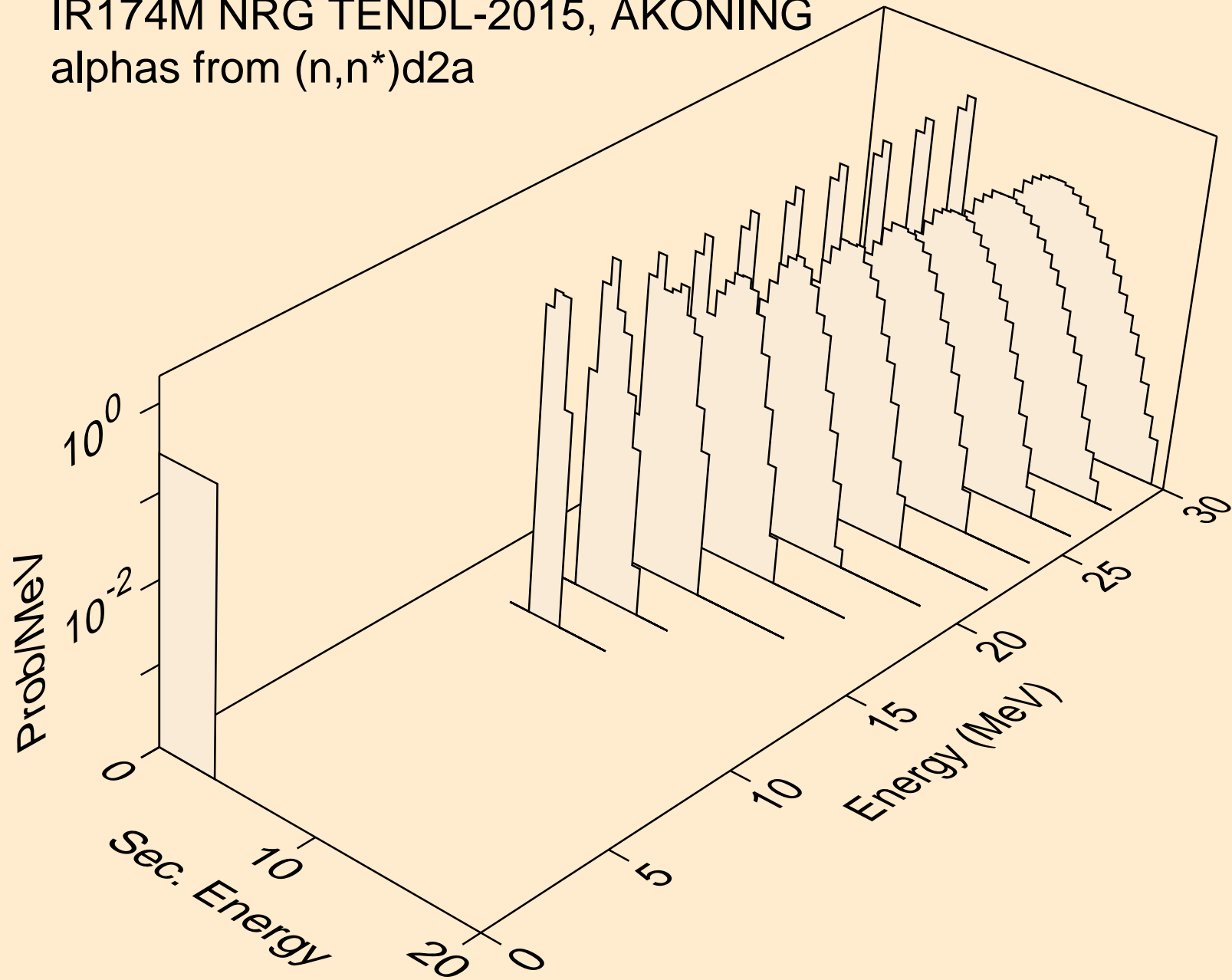
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alphas from (n,n\*)2a



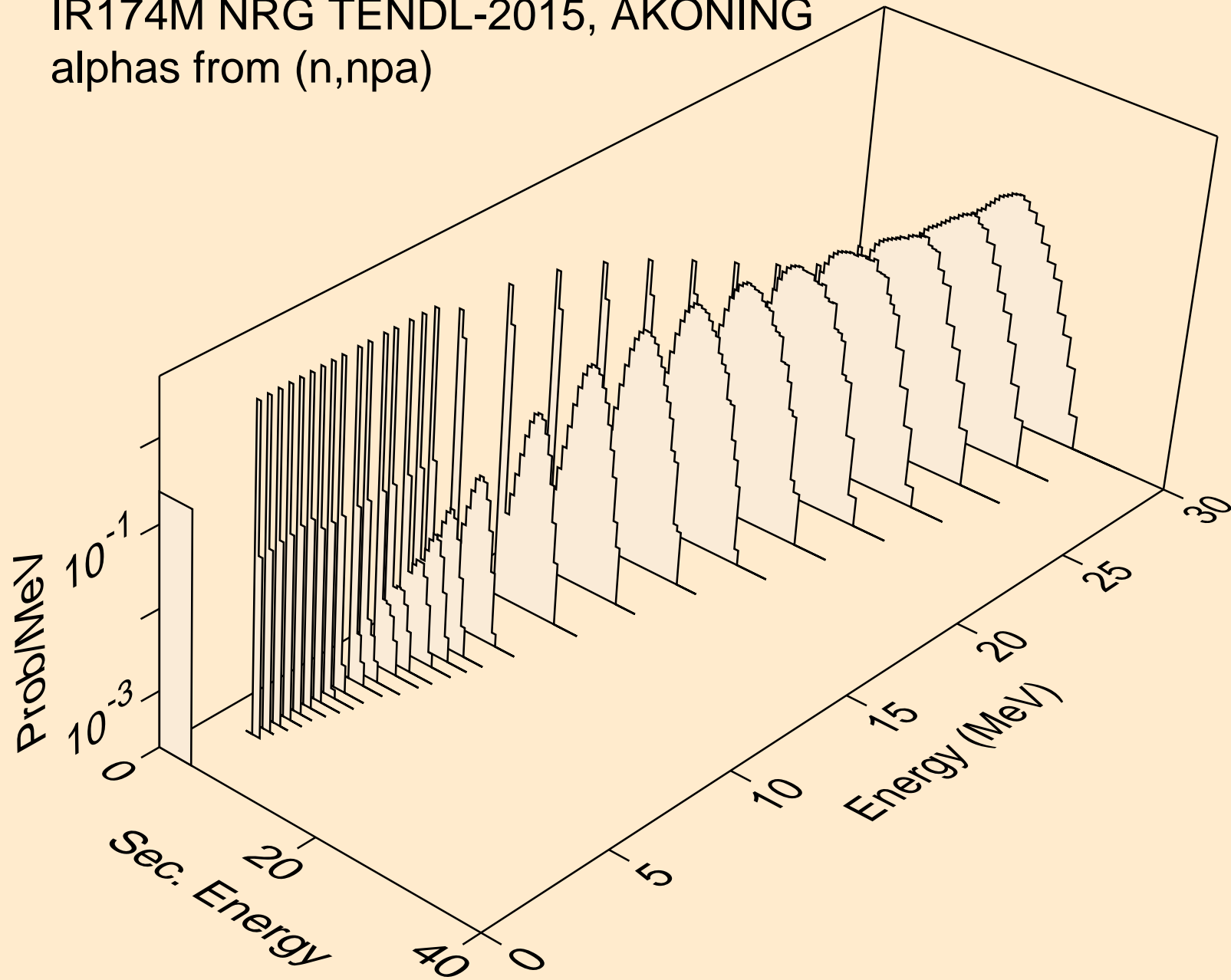
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alphas from (n,2n)2a



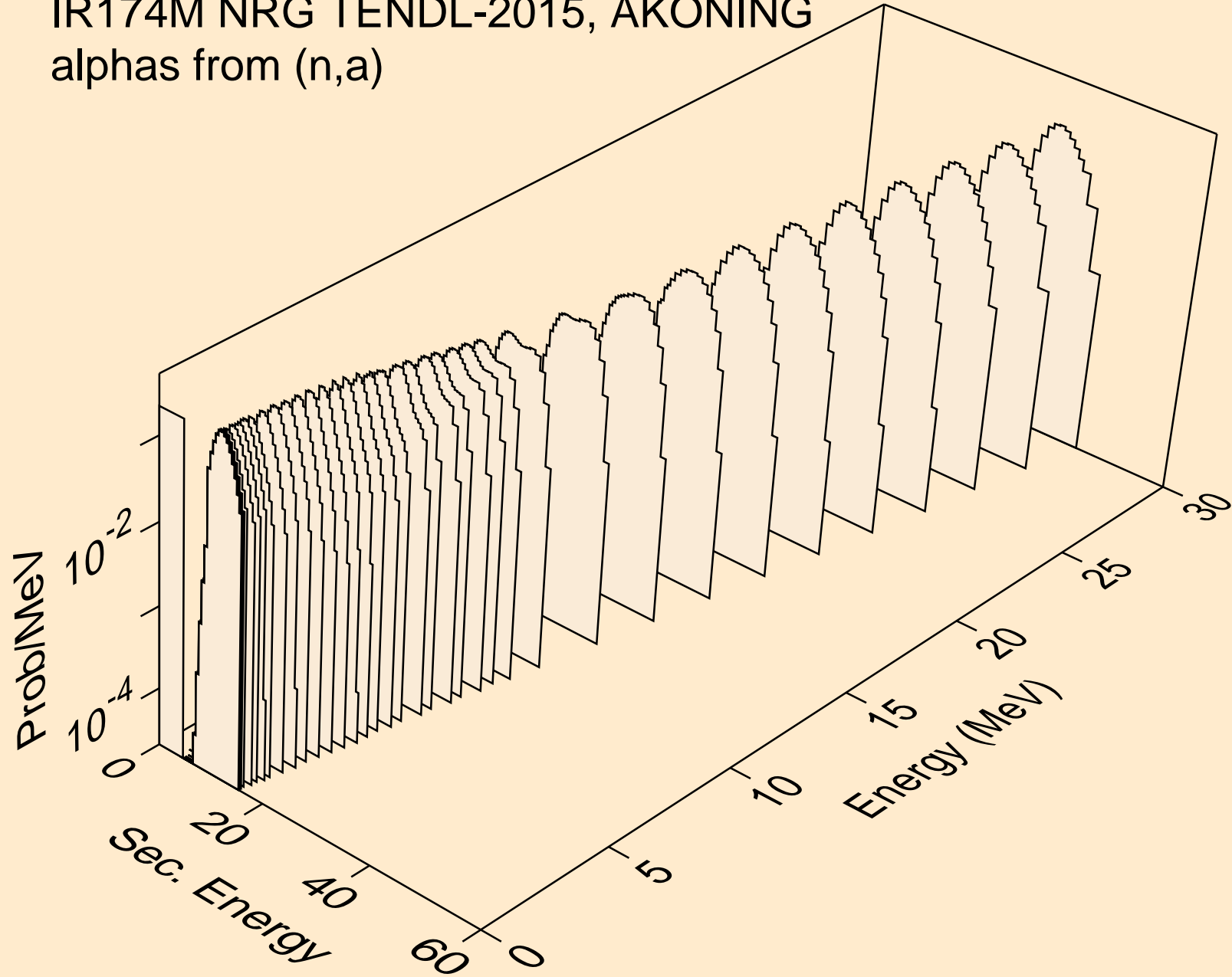
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alphas from (n,n\*)d2a



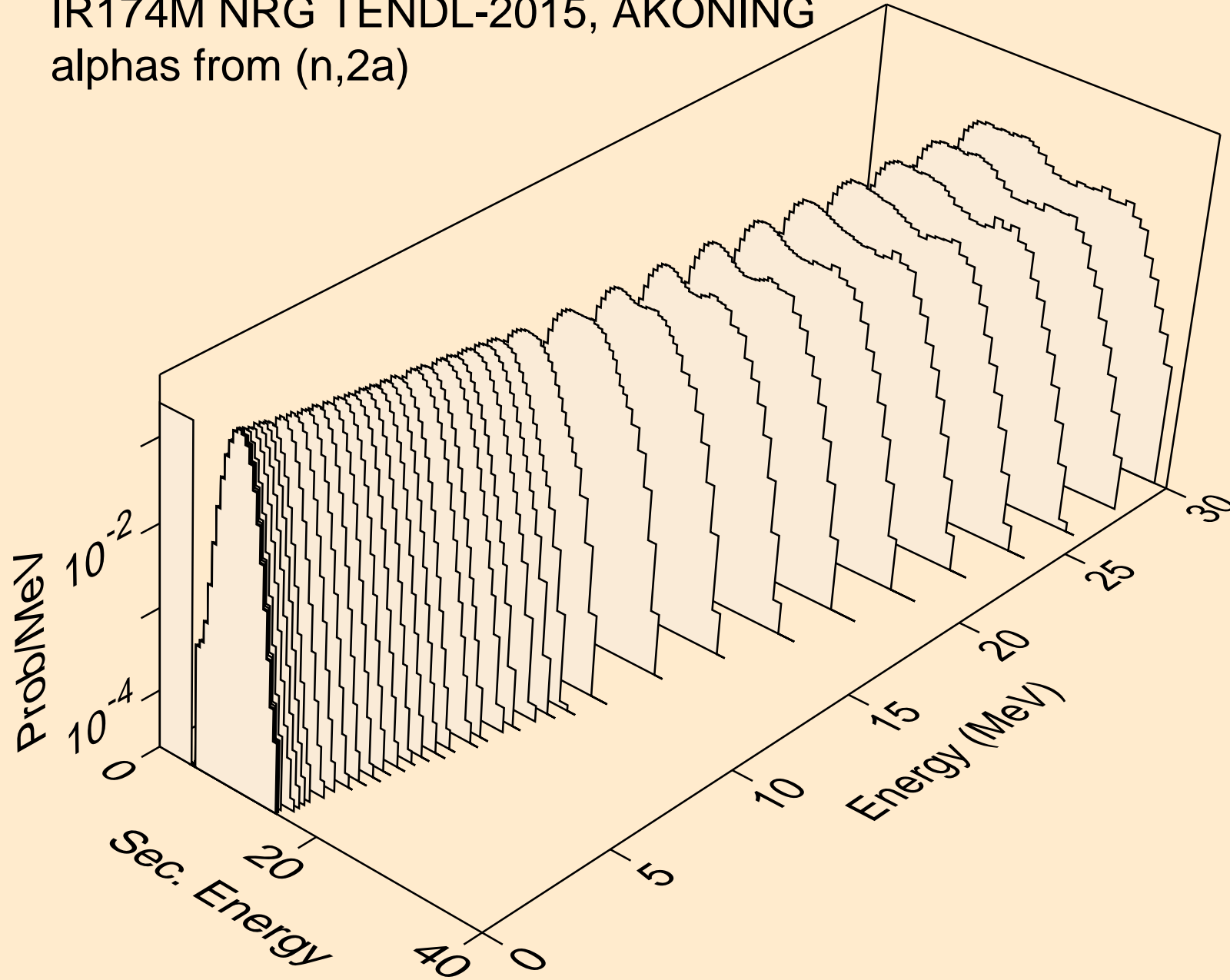
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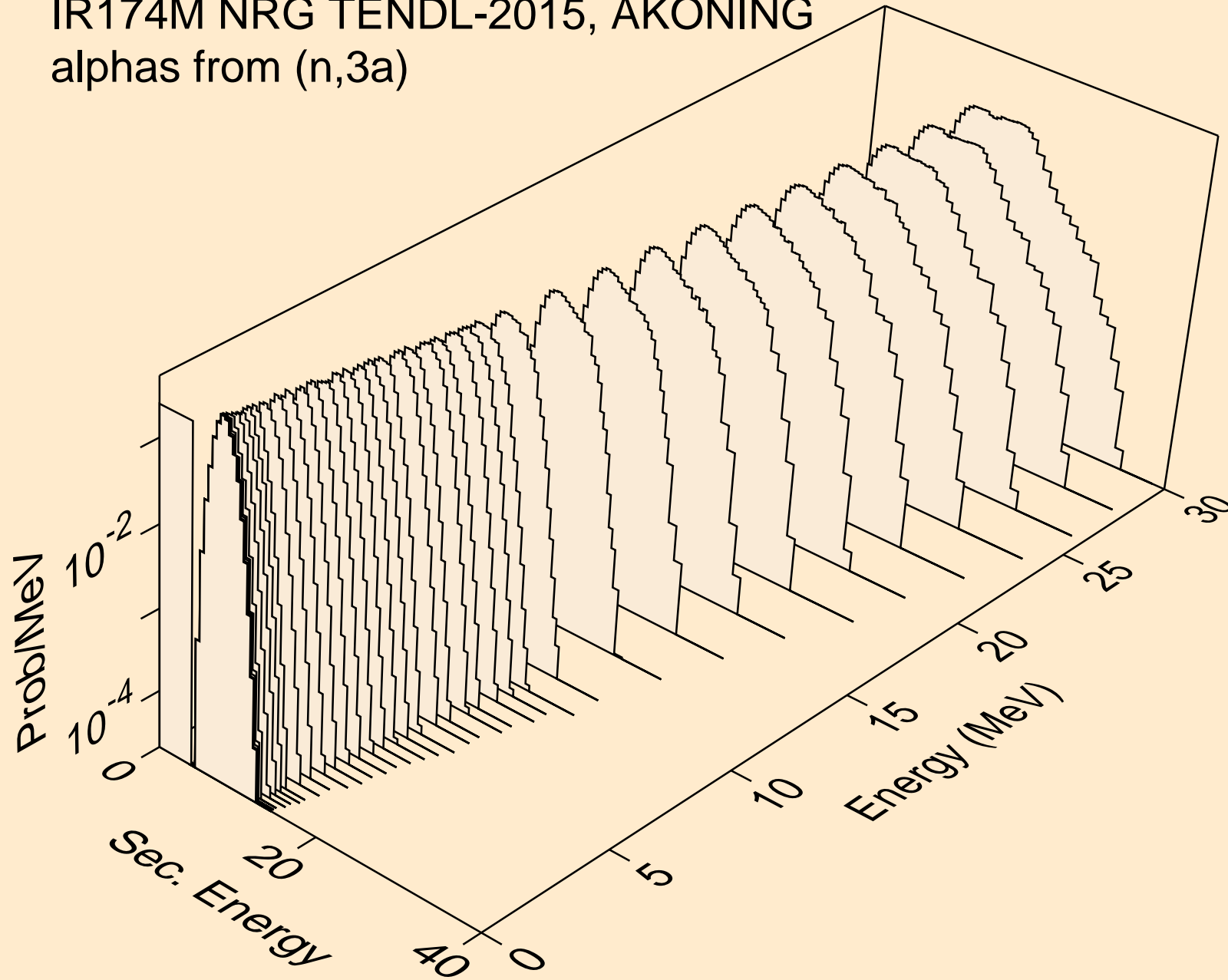
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alphas from (n,a)



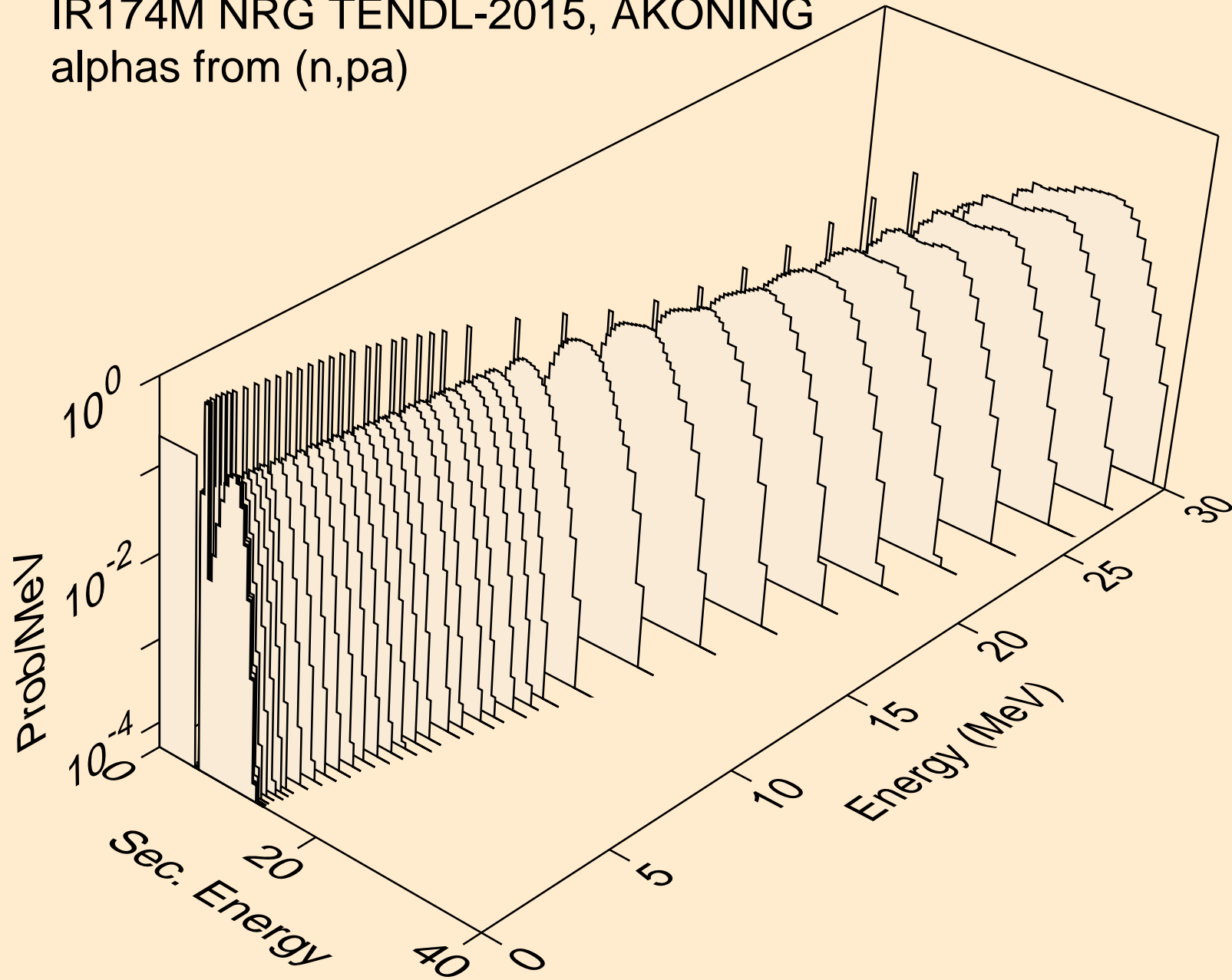
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alphas from (n,2a)



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alphas from (n,3a)

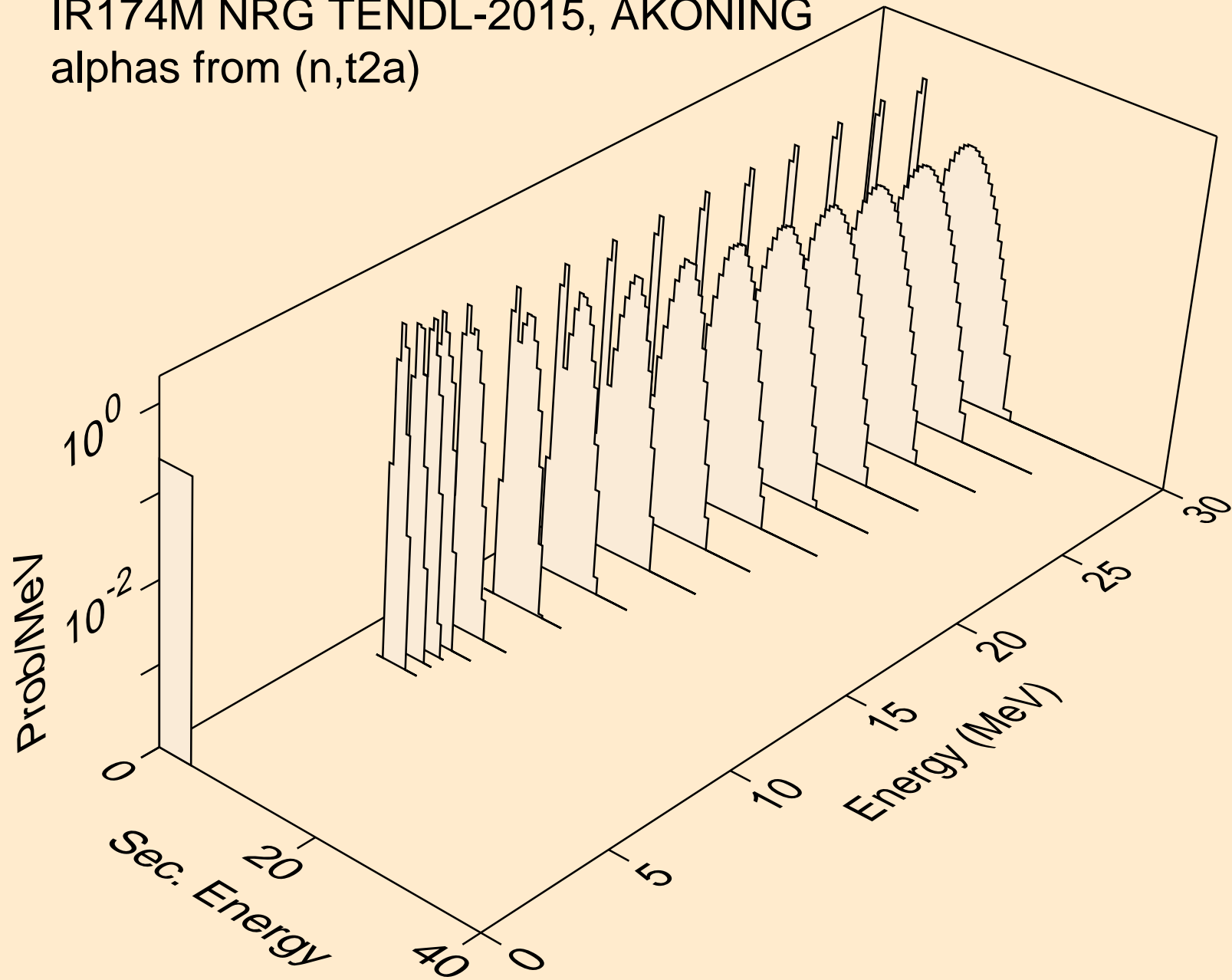


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alphas from (n,pa)

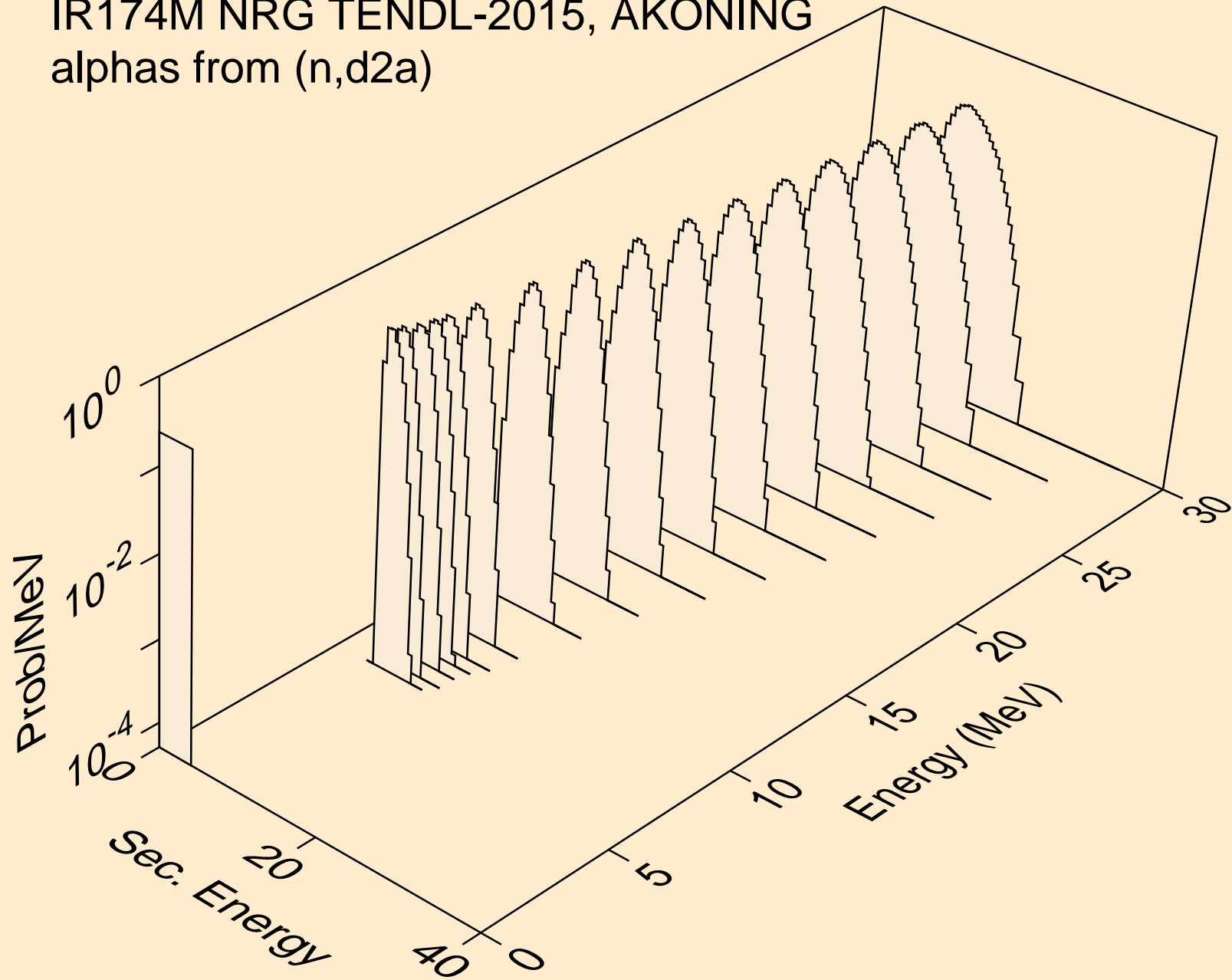




IR174M NRG TENDL-2015, AKONING  
alphas from (n,t2a)



IR174M NRG TENDL-2015, AKONING  
alphas from (n,d2a)



IR174M NRG TENDL-2015, AKONING  
alphas from (n,da)

