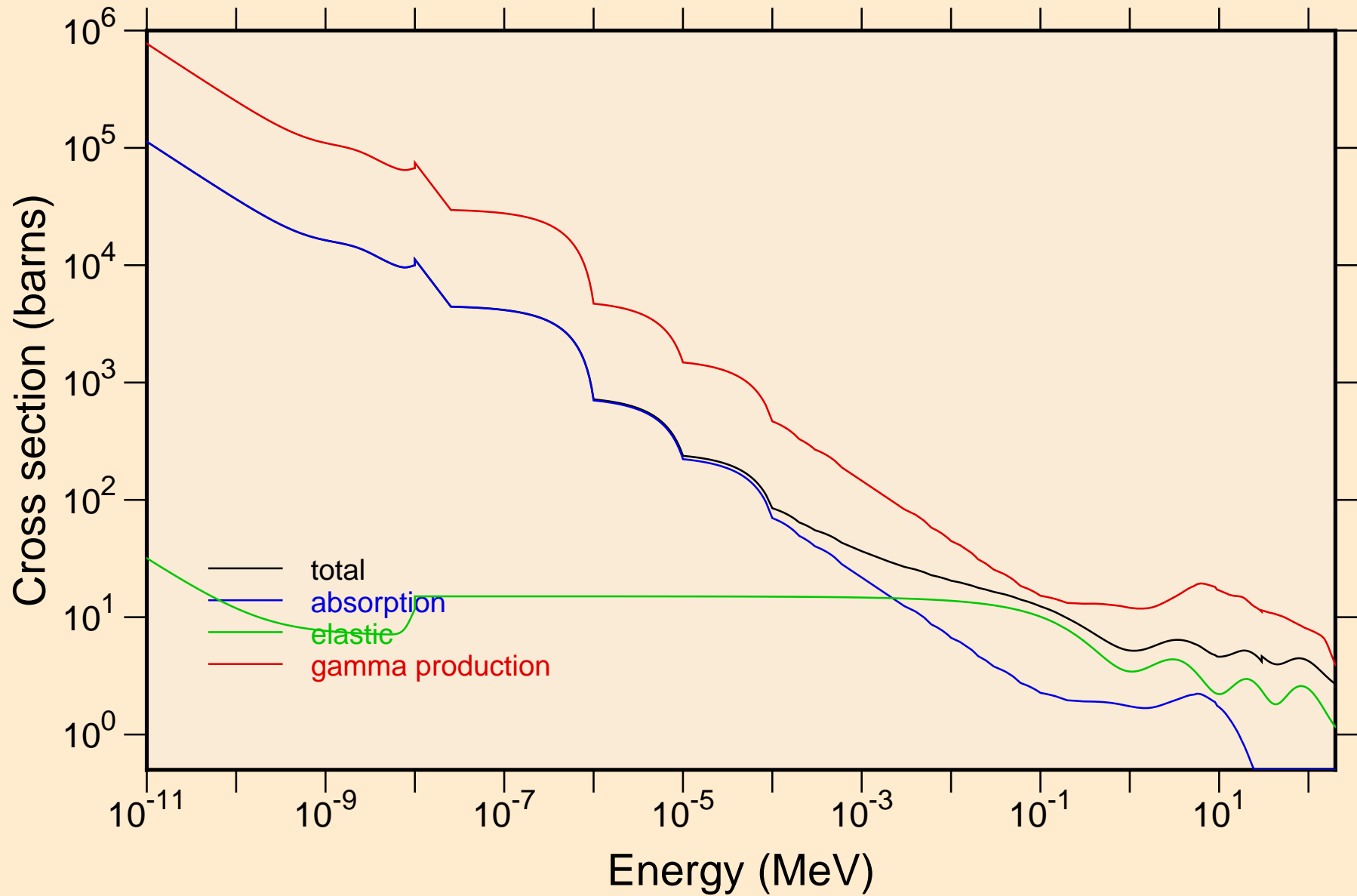


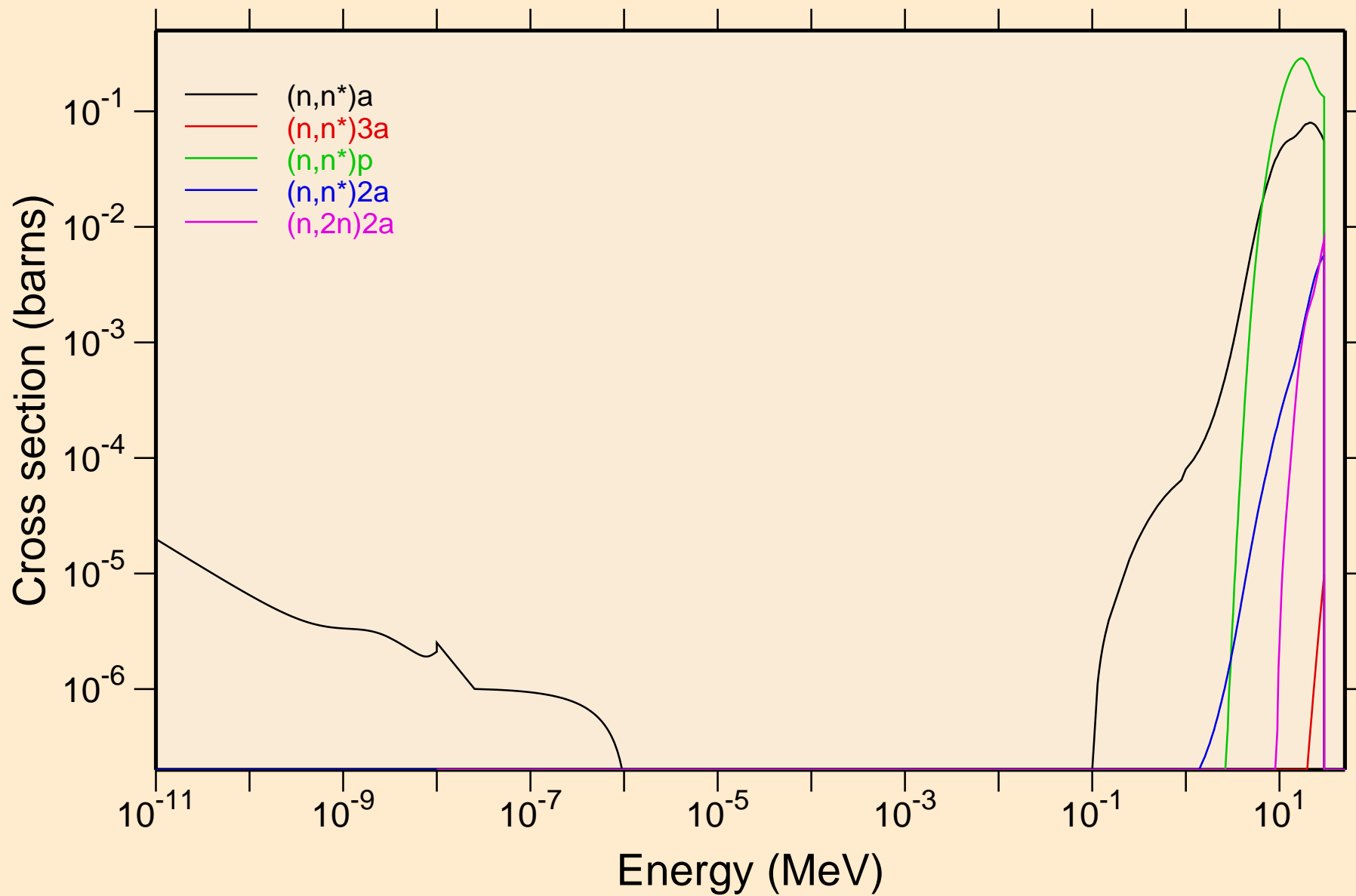
# AU176M NRG TENDL-2015, AKONING

## Principal cross sections



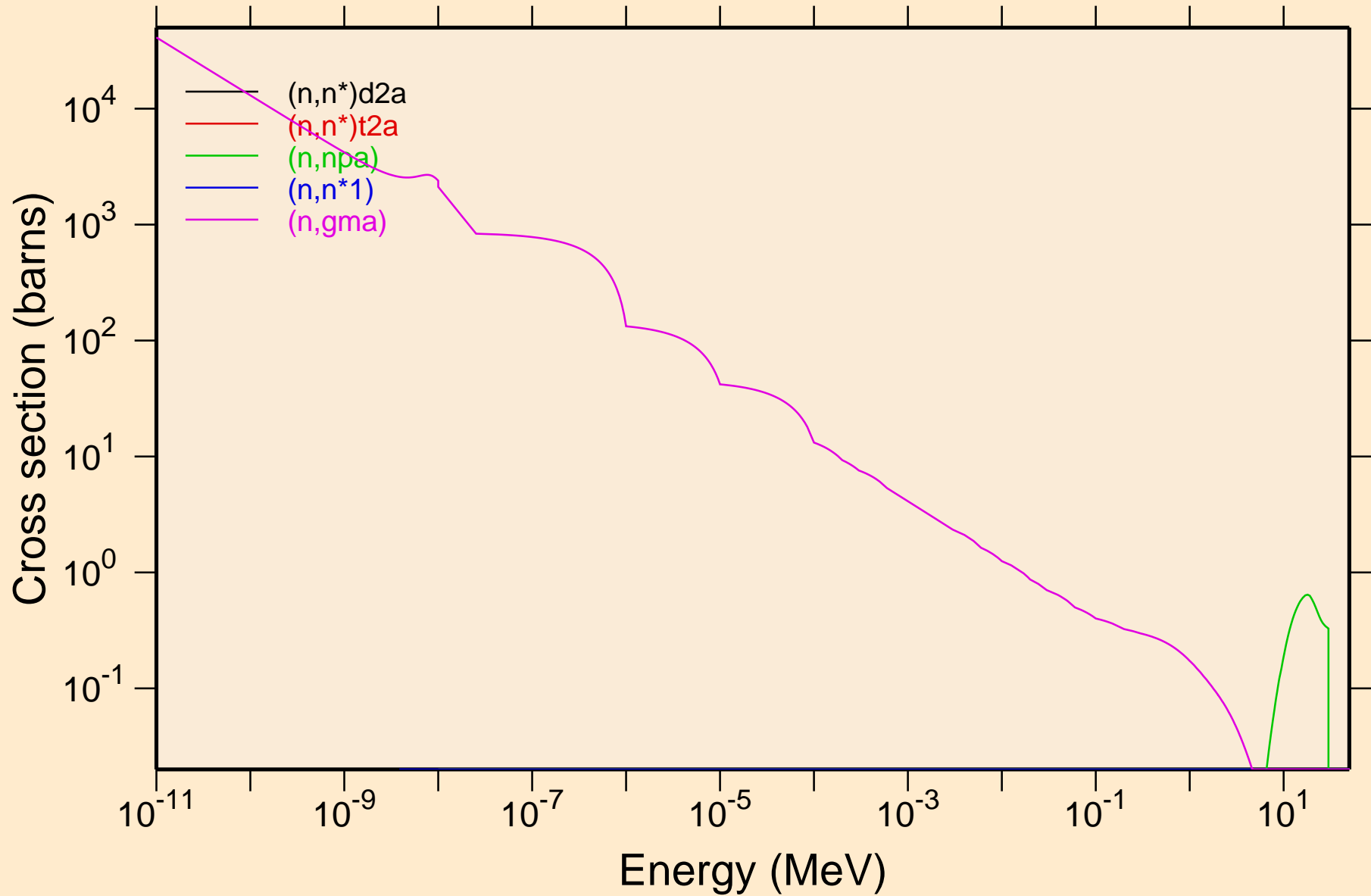
# AU176M NRG TENDL-2015, AKONING

## Non-threshold reactions



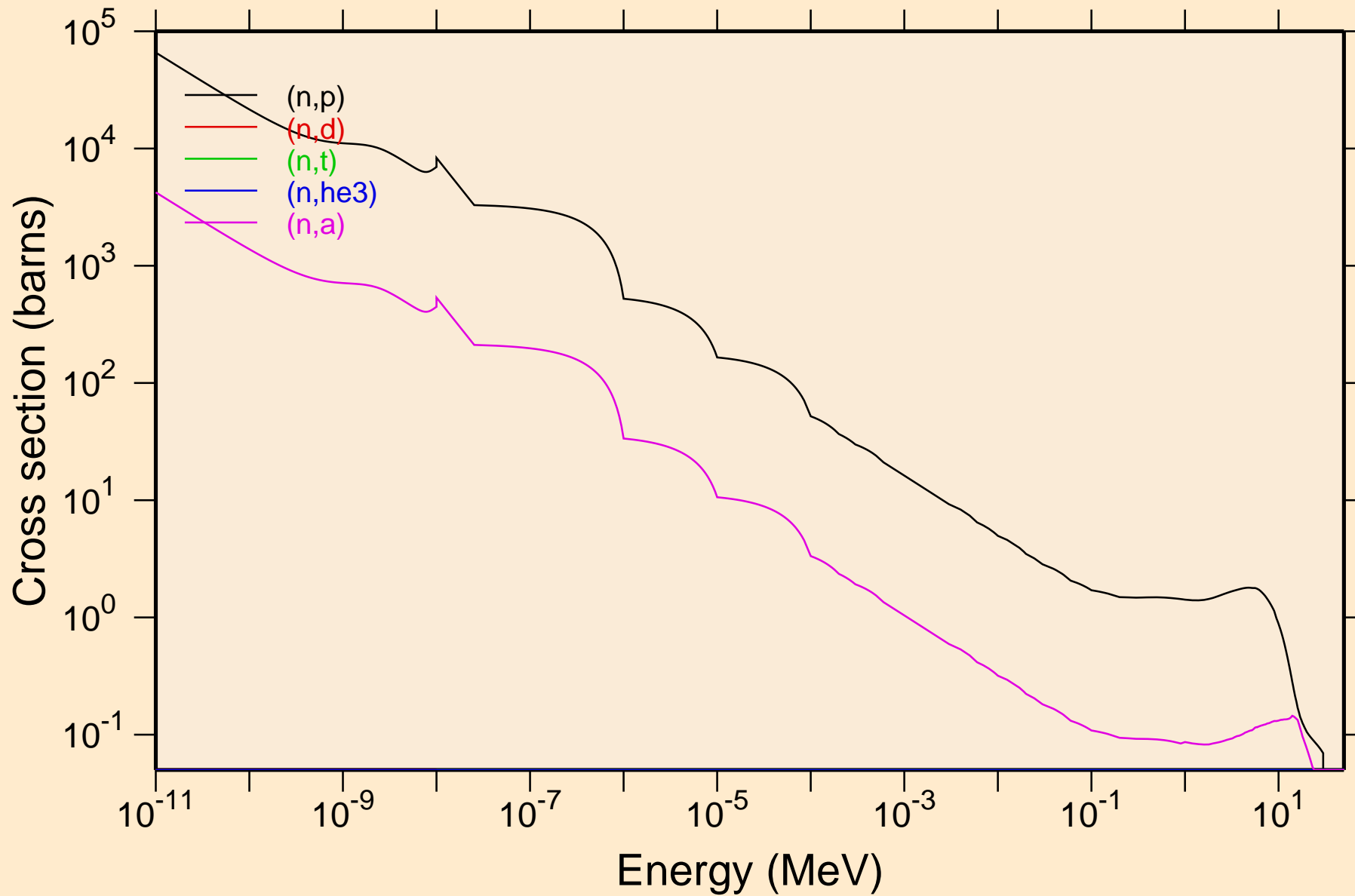
# AU176M NRG TENDL-2015, AKONING

## Non-threshold reactions



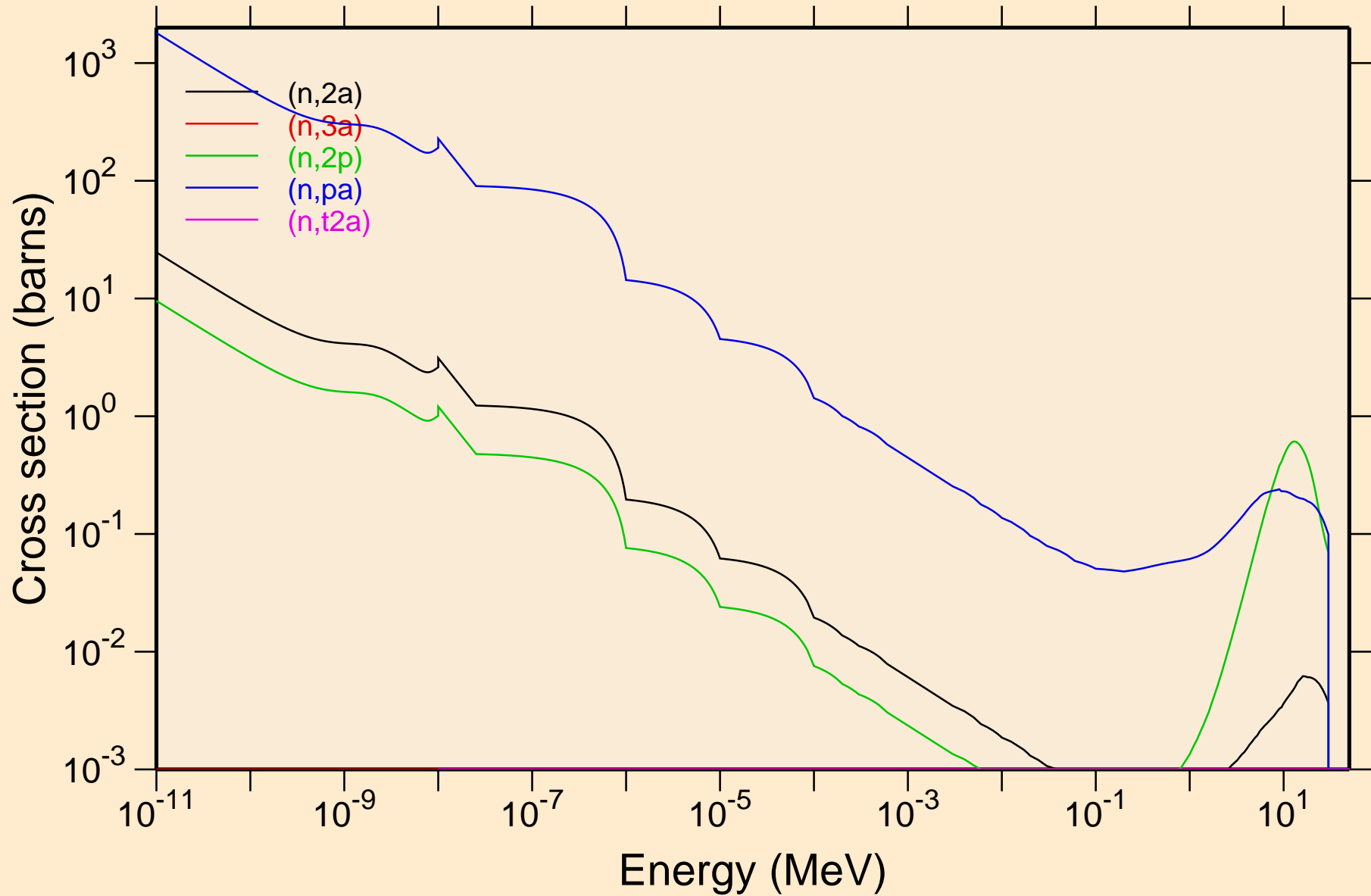
# AU176M NRG TENDL-2015, AKONING

## Non-threshold reactions

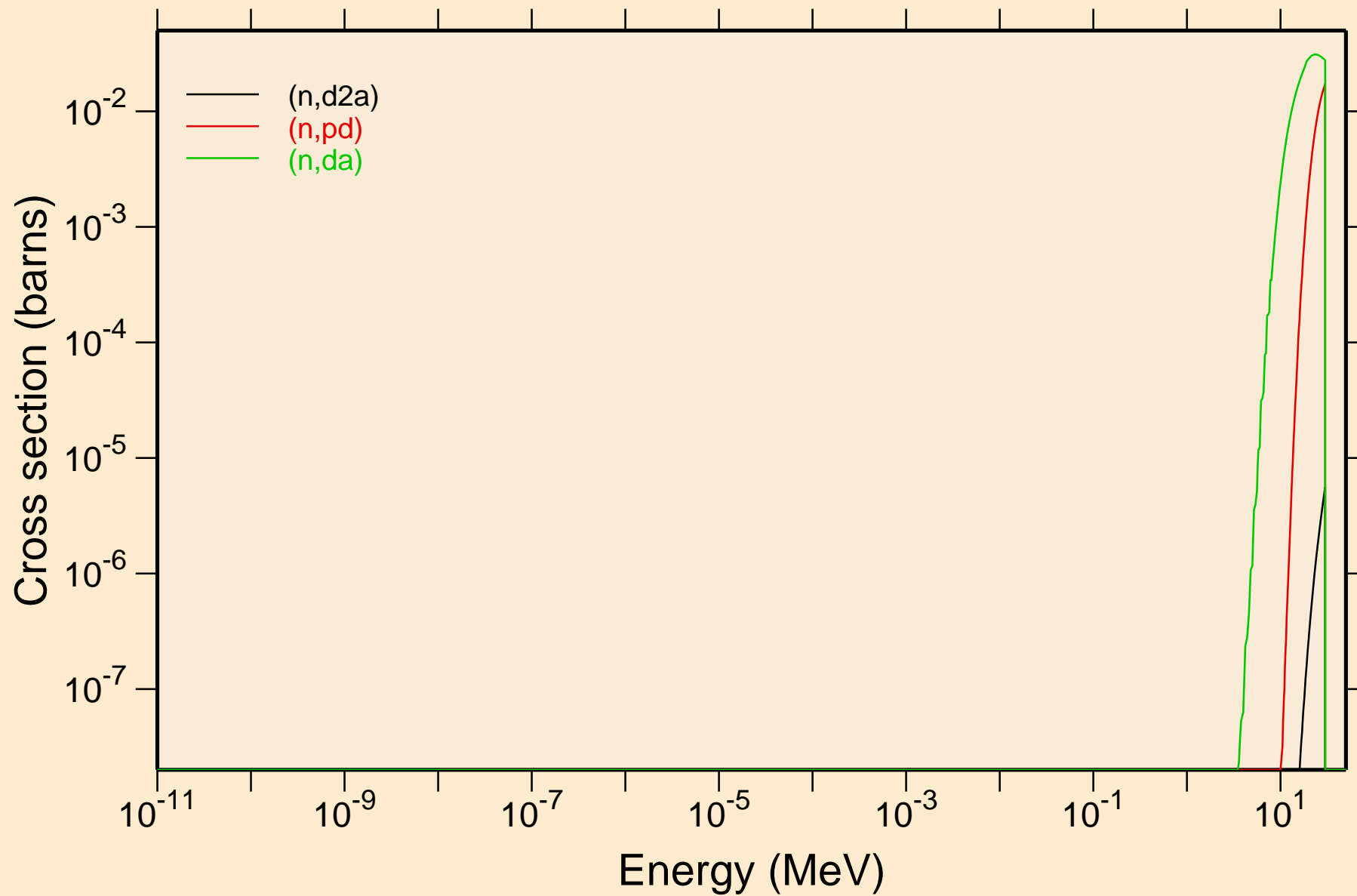


# AU176M NRG TENDL-2015, AKONING

## Non-threshold reactions

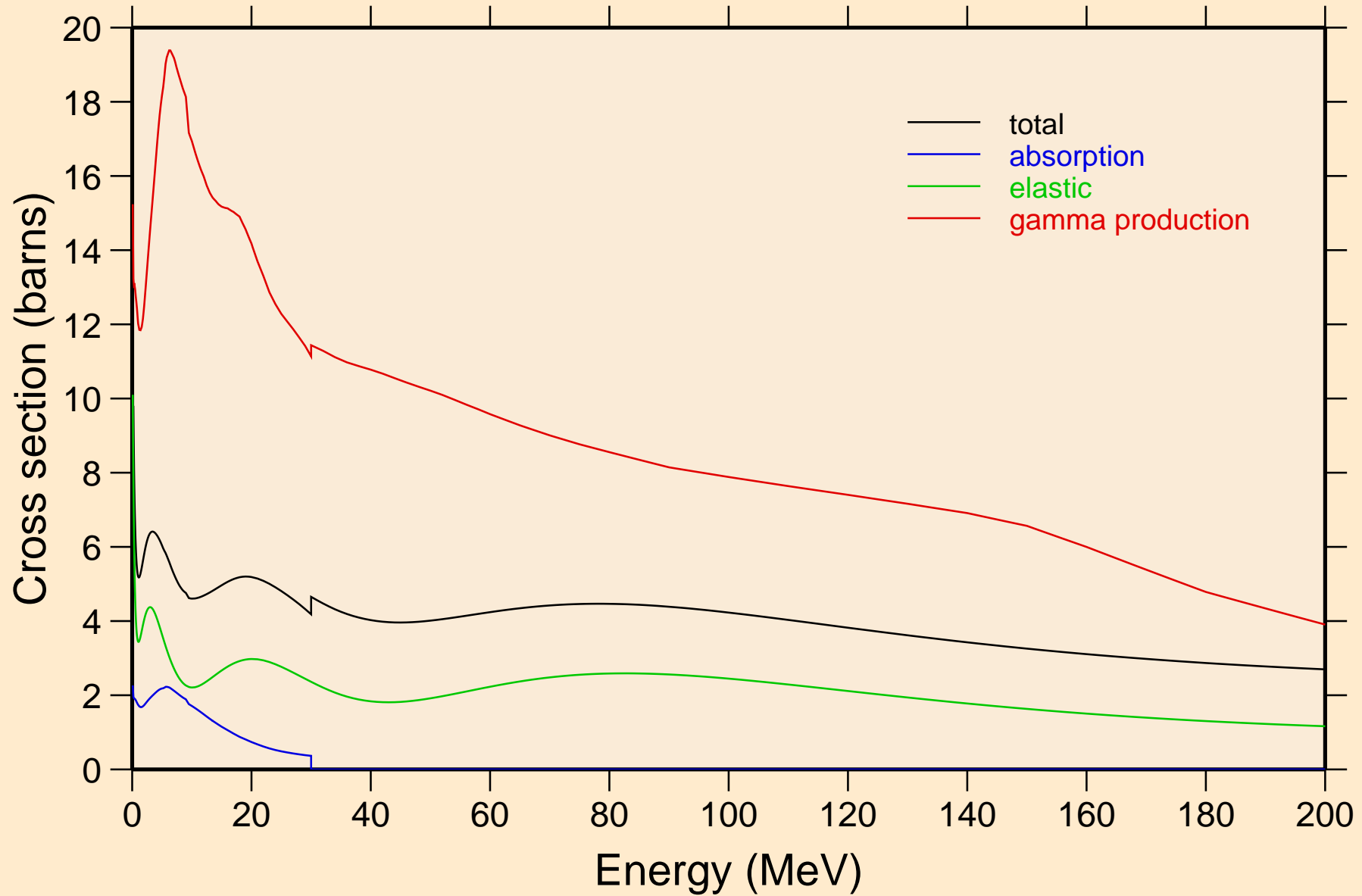


AU176M NRG TENDL-2015, AKONING  
Non-threshold reactions



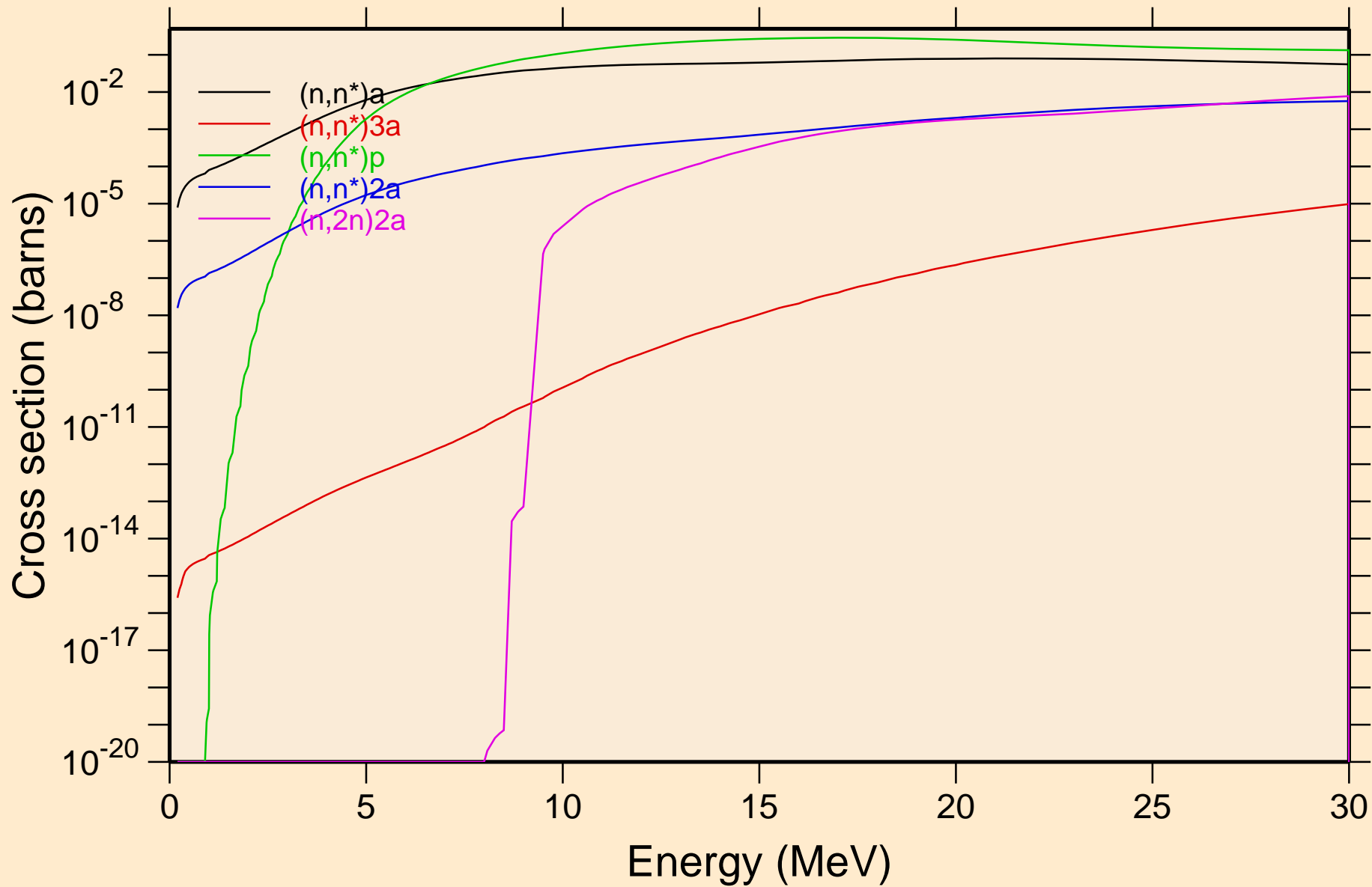
# AU176M NRG TENDL-2015, AKONING

## Principal cross sections



# AU176M NRG TENDL-2015, AKONING

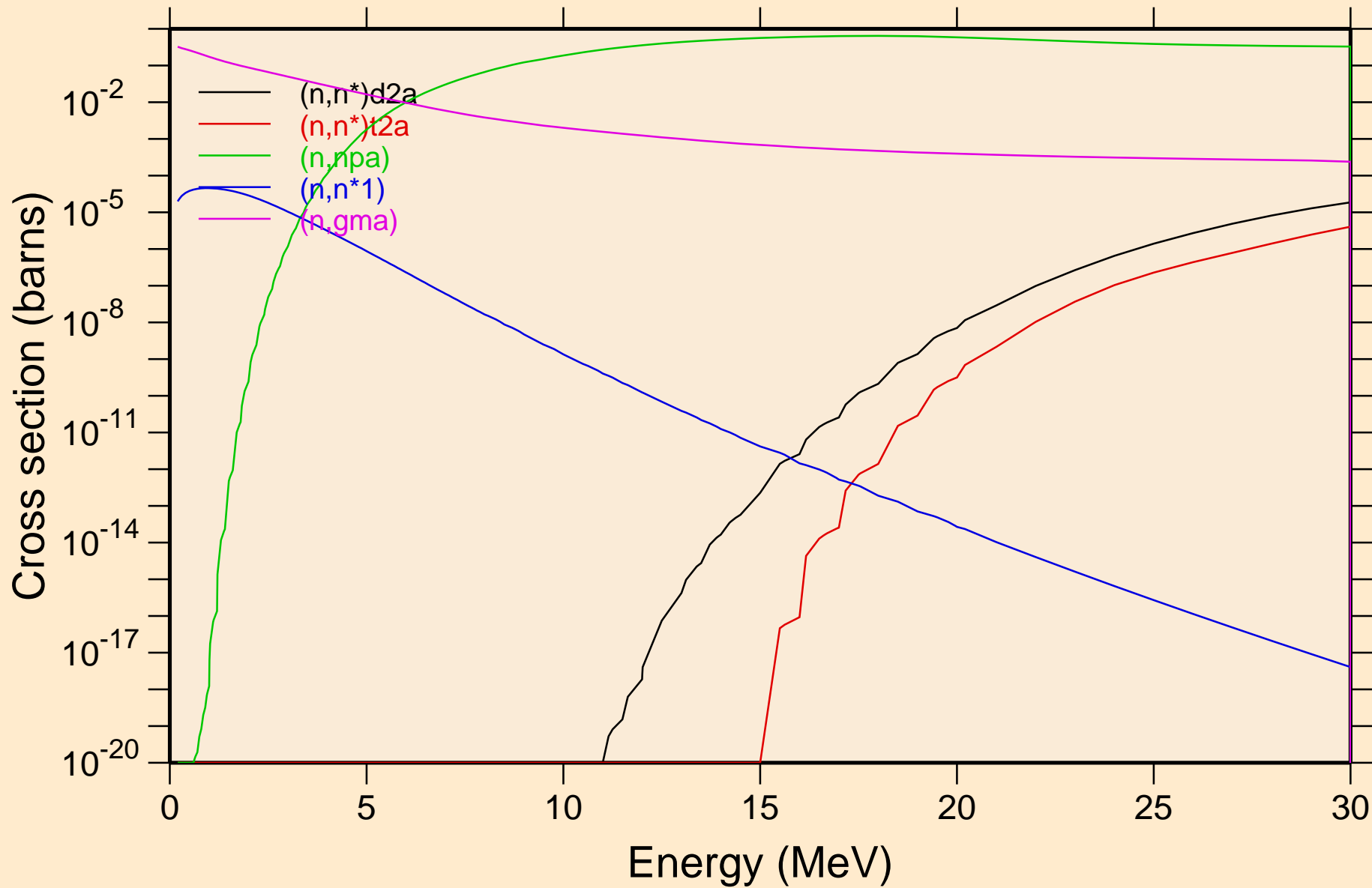
## Non-threshold reactions





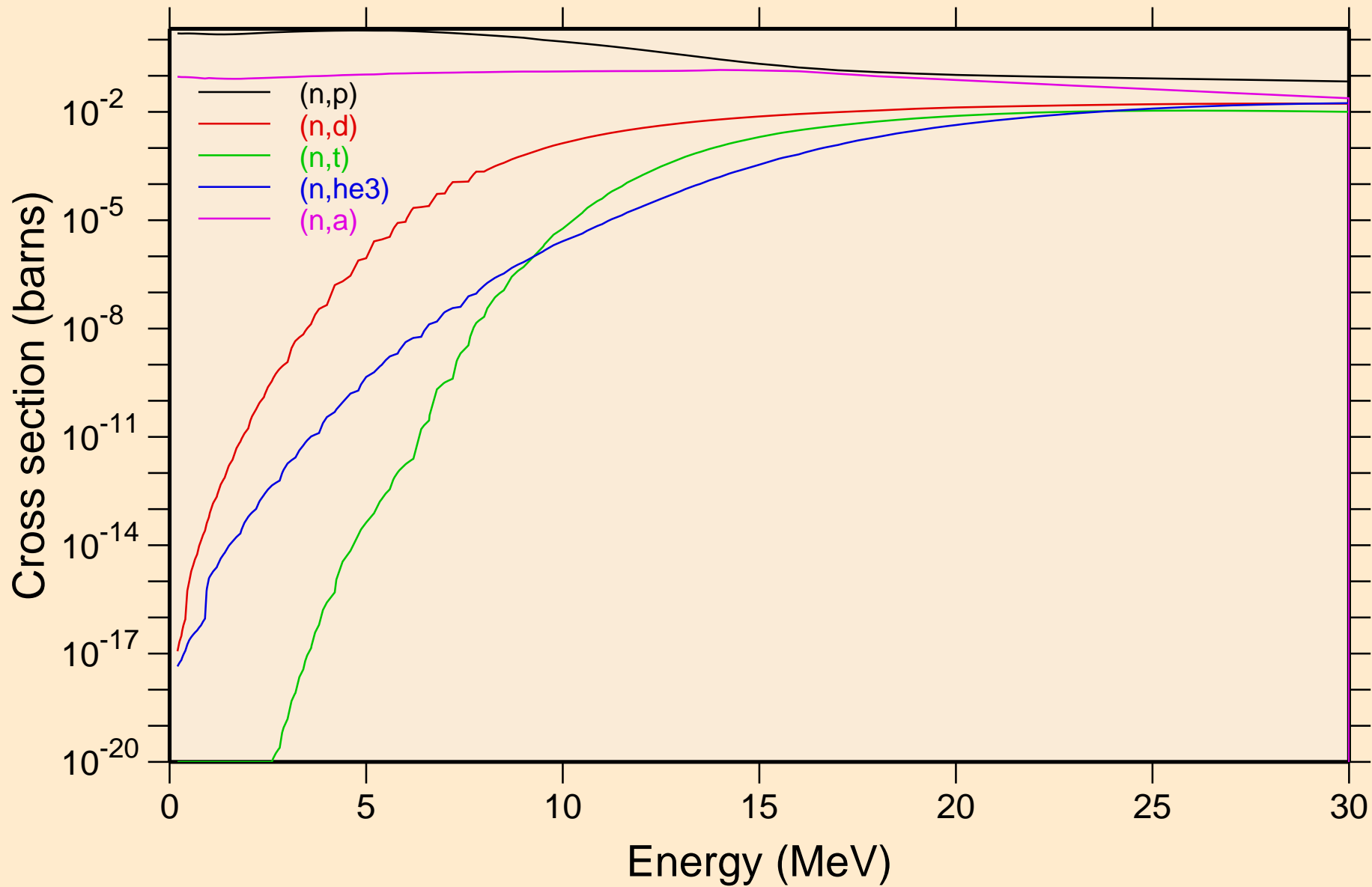
# AU176M NRG TENDL-2015, AKONING

## Non-threshold reactions



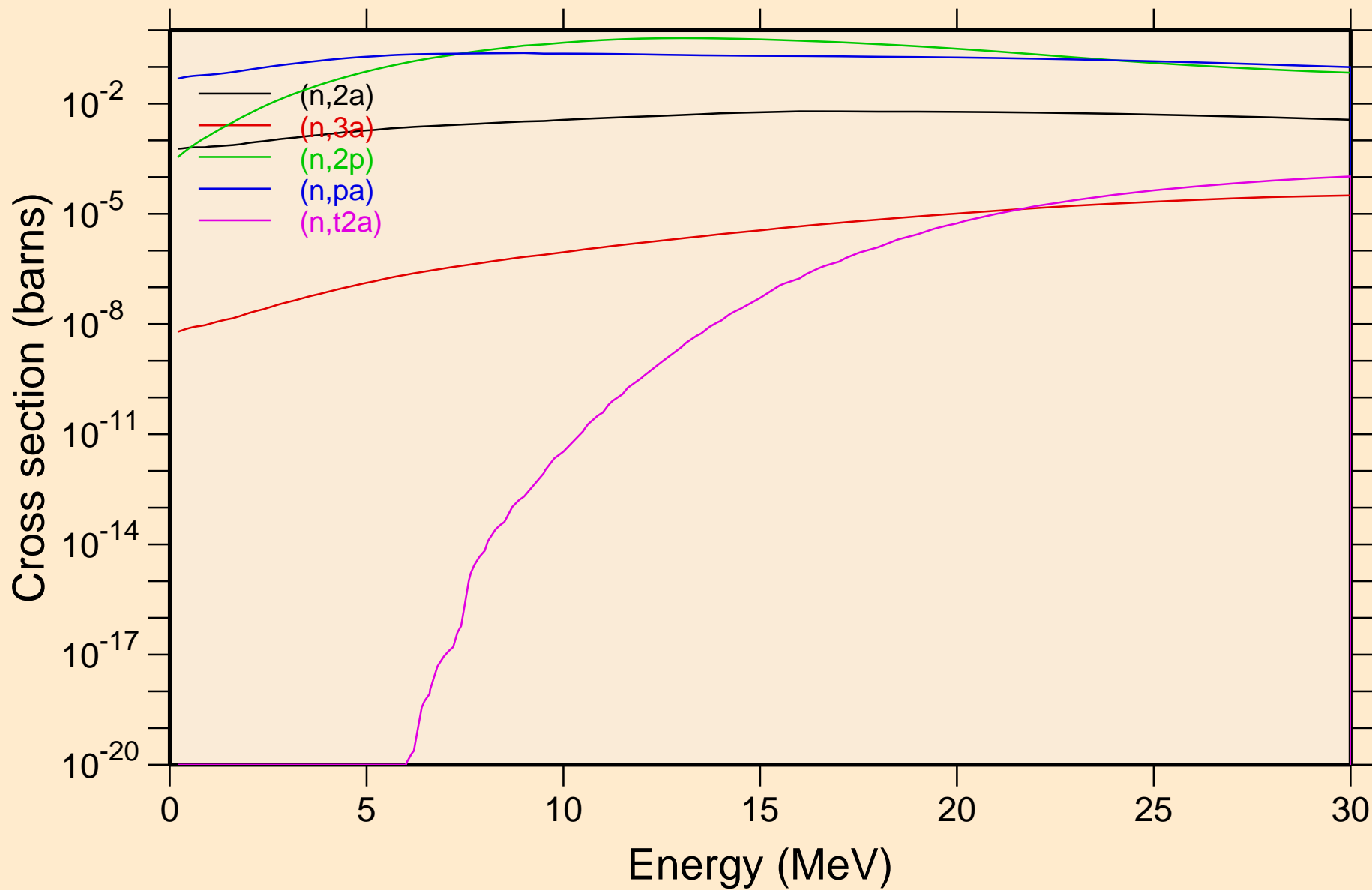
# AU176M NRG TENDL-2015, AKONING

## Non-threshold reactions



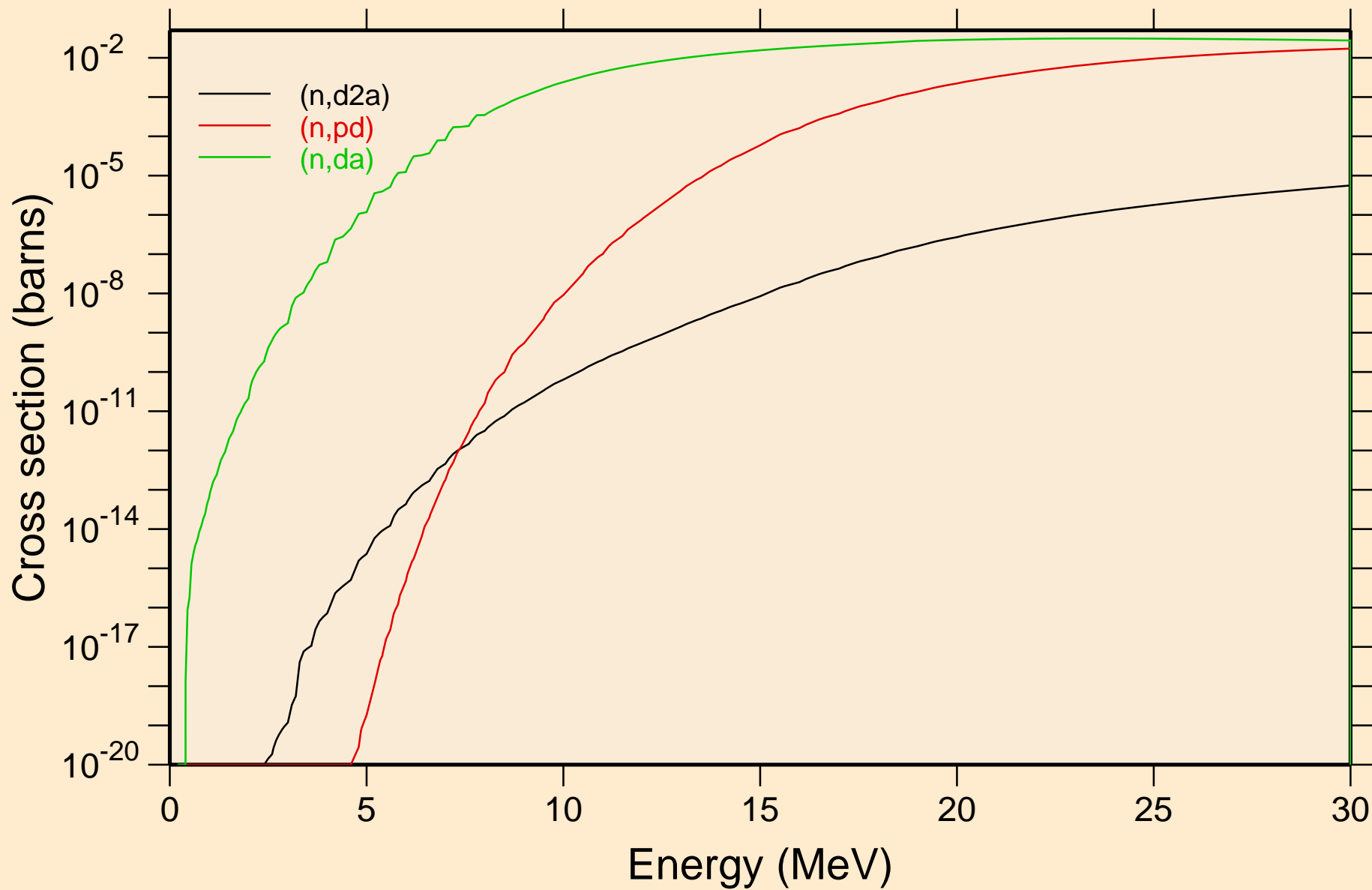
# AU176M NRG TENDL-2015, AKONING

## Non-threshold reactions

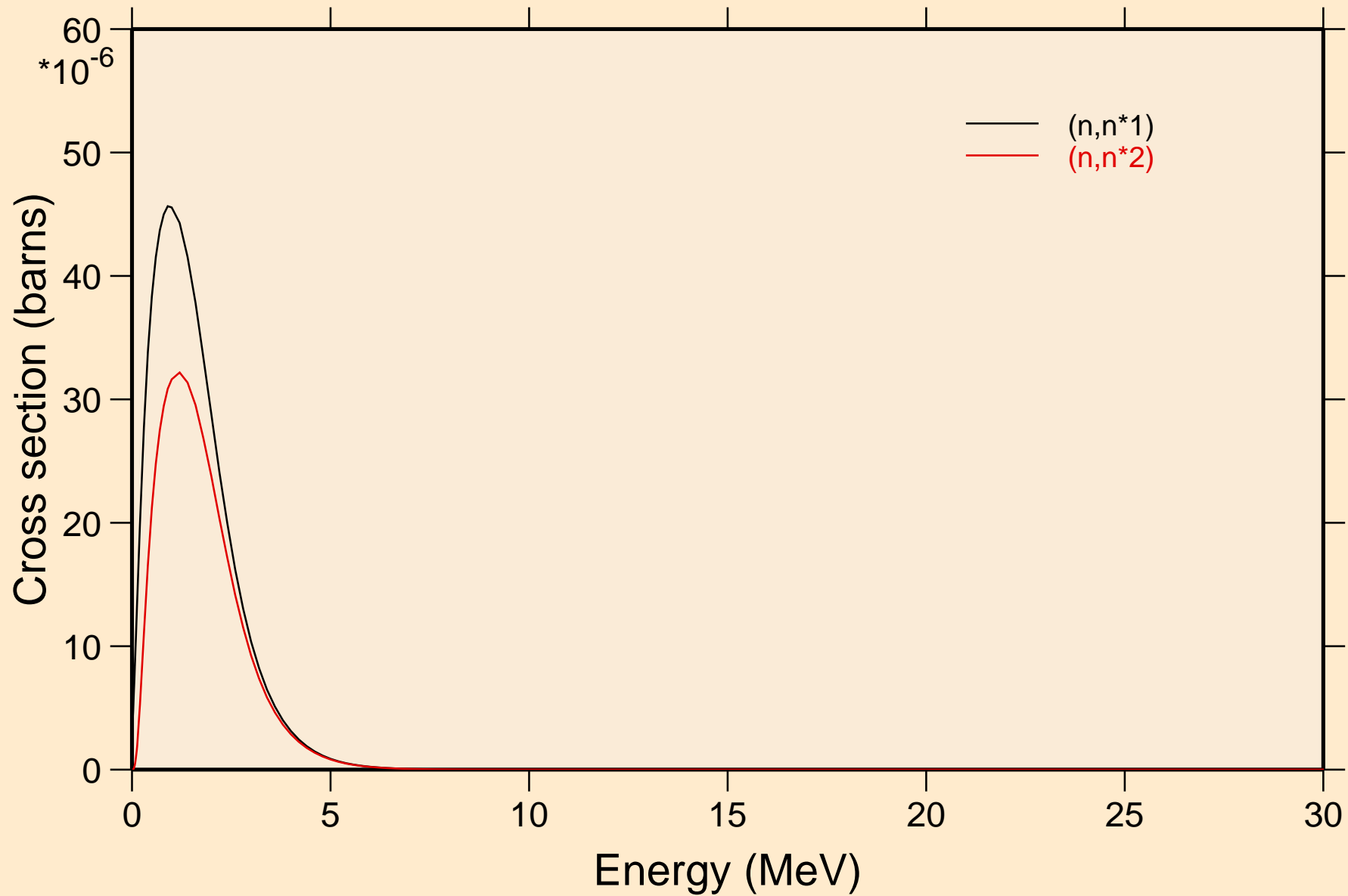


# AU176M NRG TENDL-2015, AKONING

## Non-threshold reactions

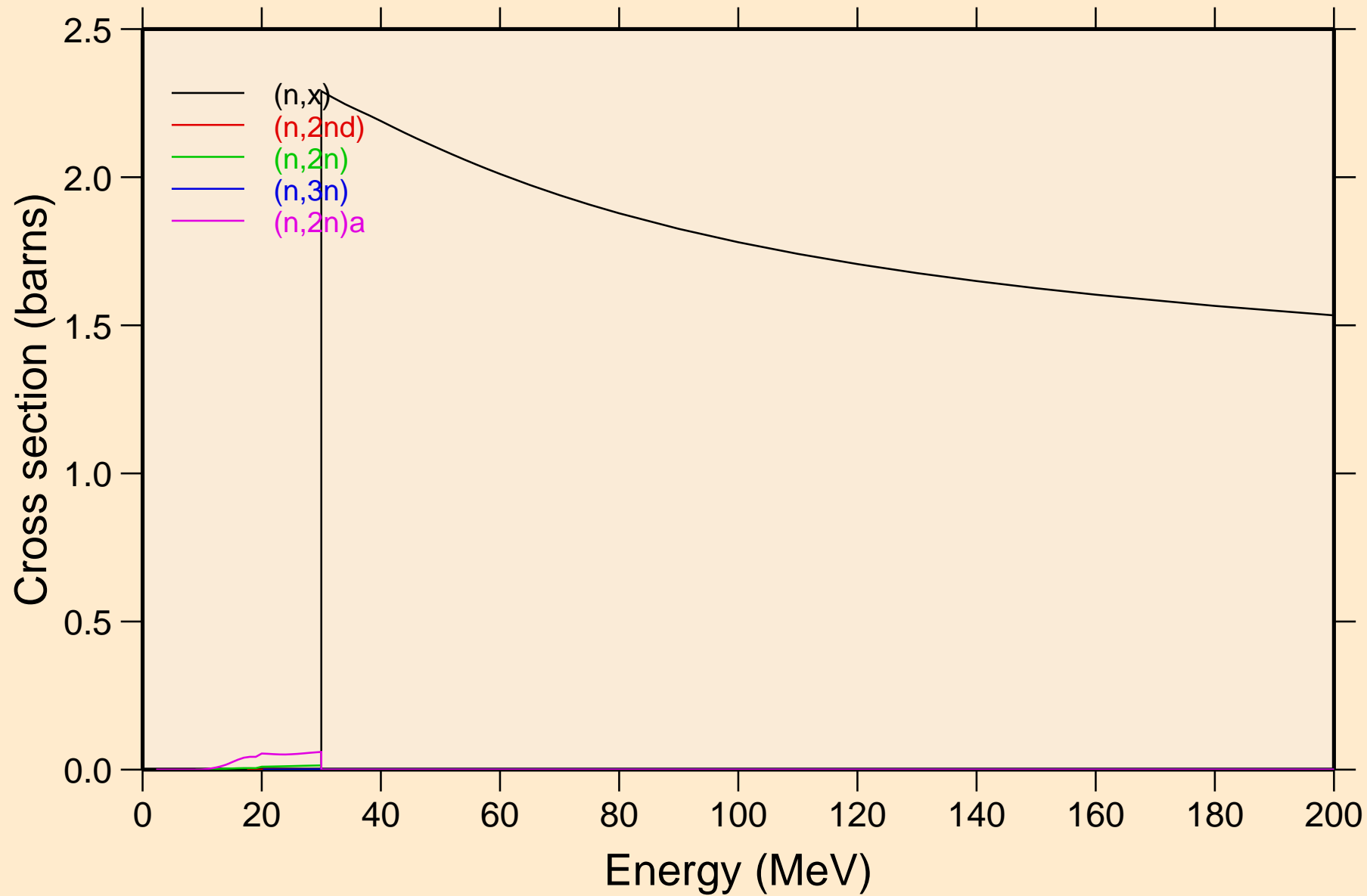


AU176M NRG TENDL-2015, AKONING  
Inelastic levels



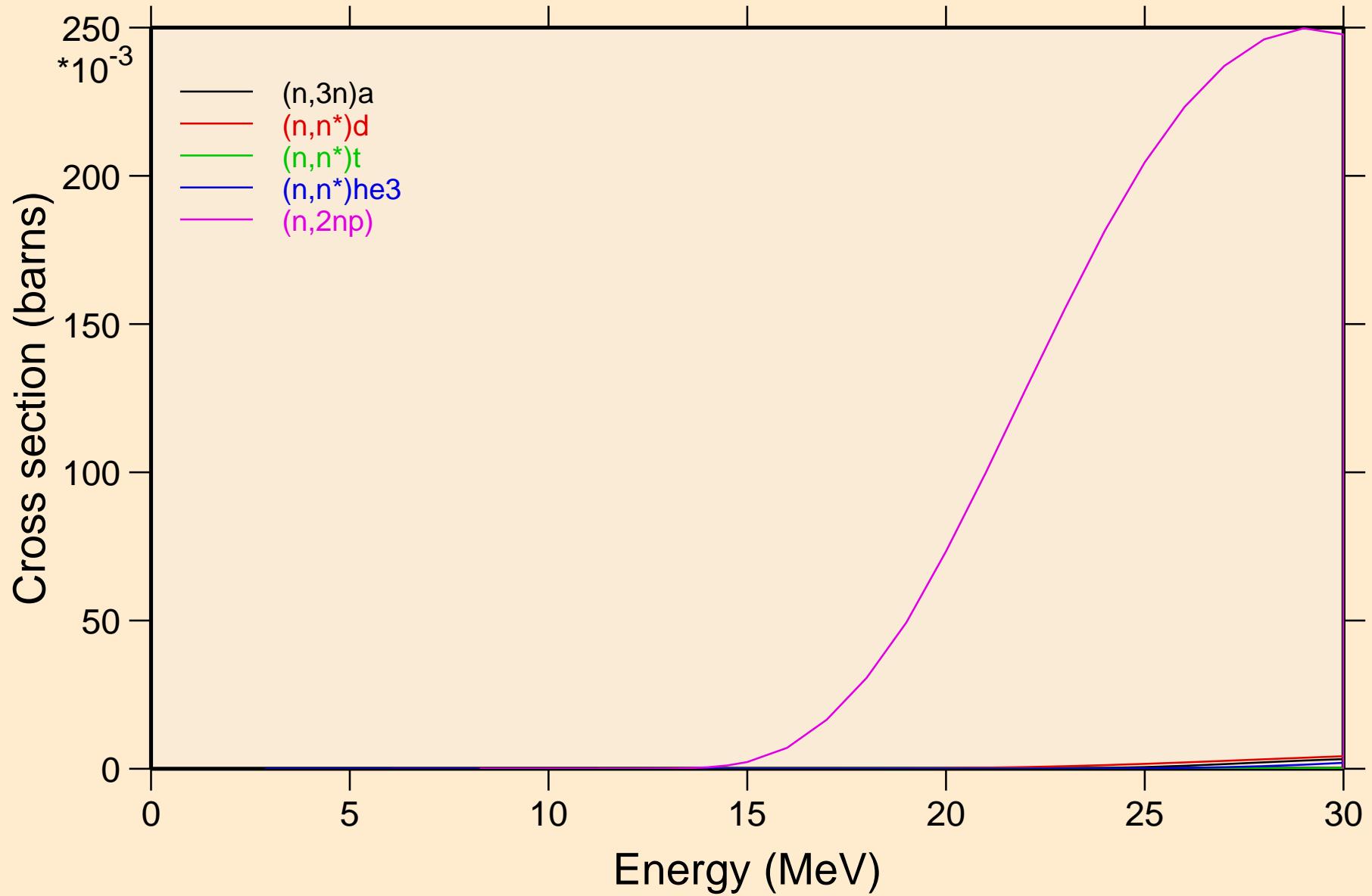
# AU176M NRG TENDL-2015, AKONING

## Threshold reactions



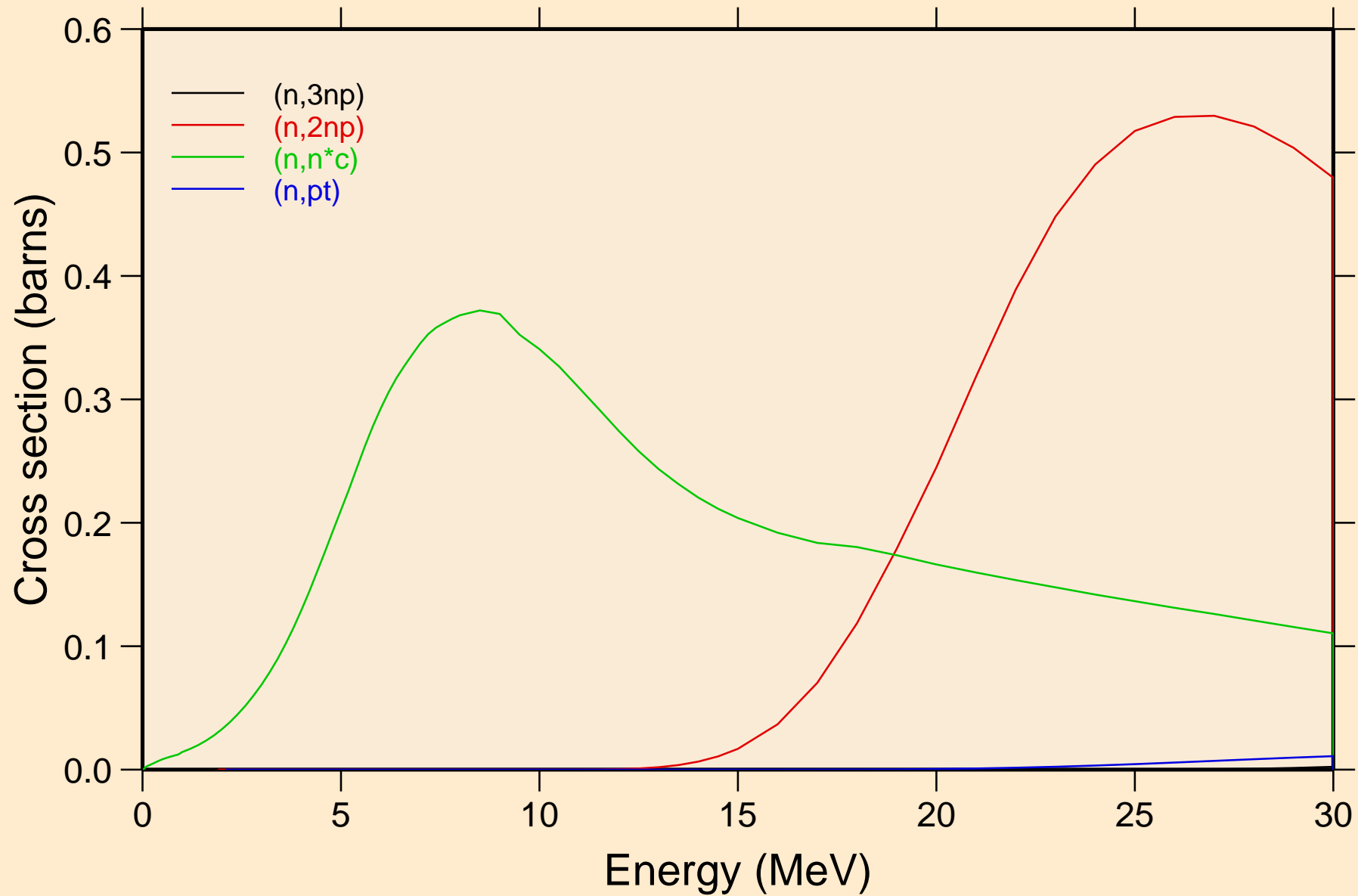
# AU176M NRG TENDL-2015, AKONING

## Threshold reactions



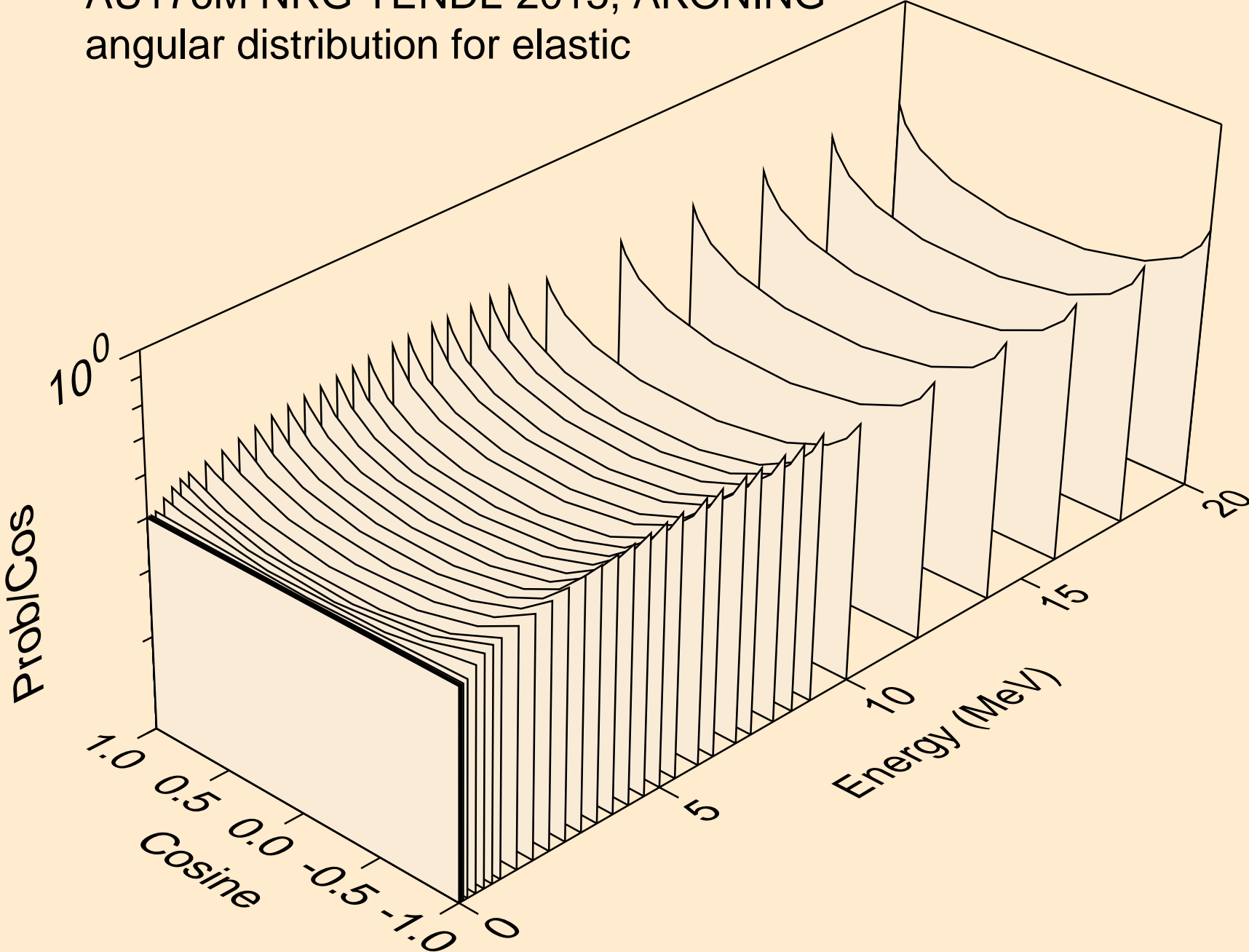
# AU176M NRG TENDL-2015, AKONING

## Threshold reactions

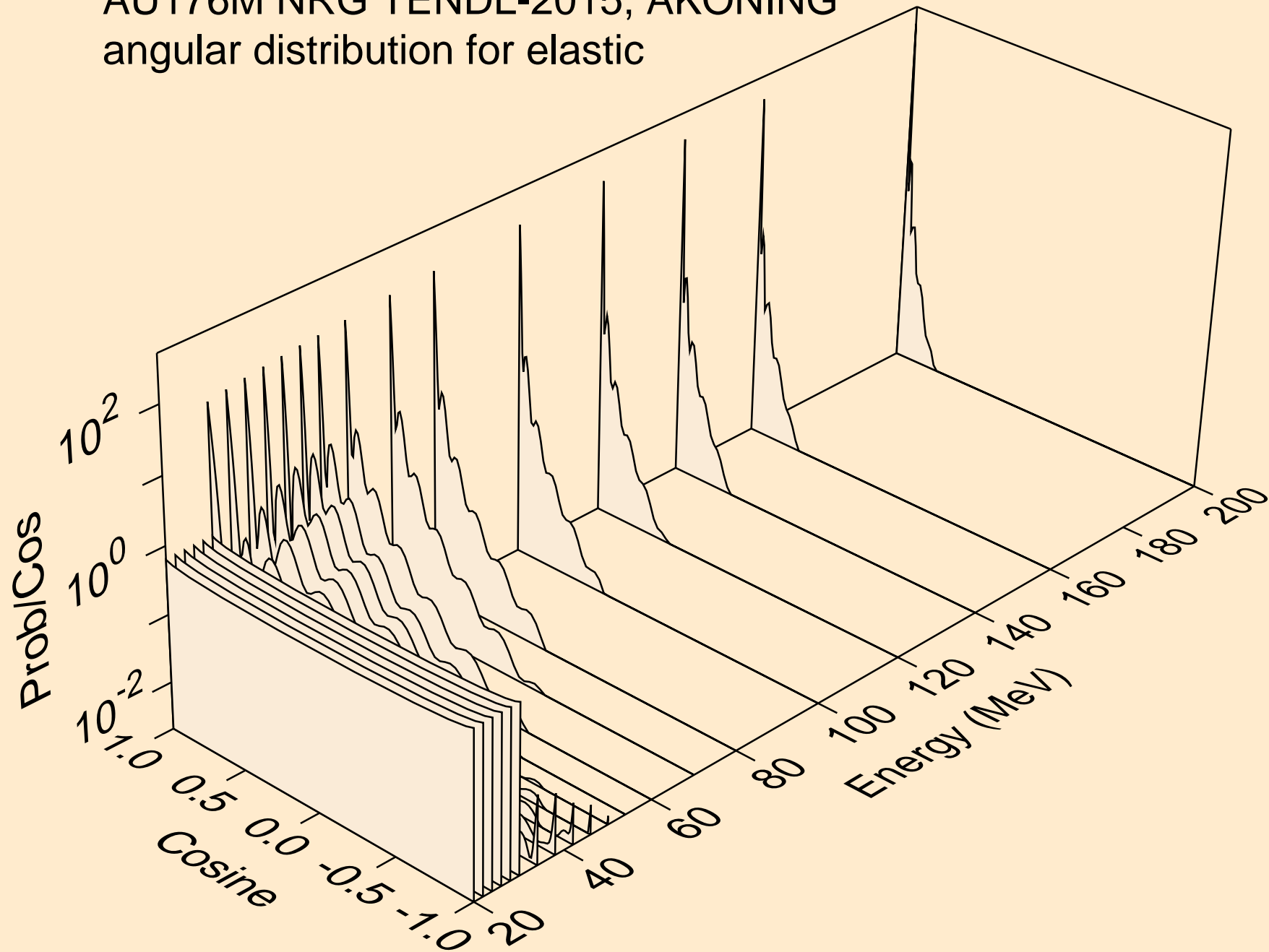




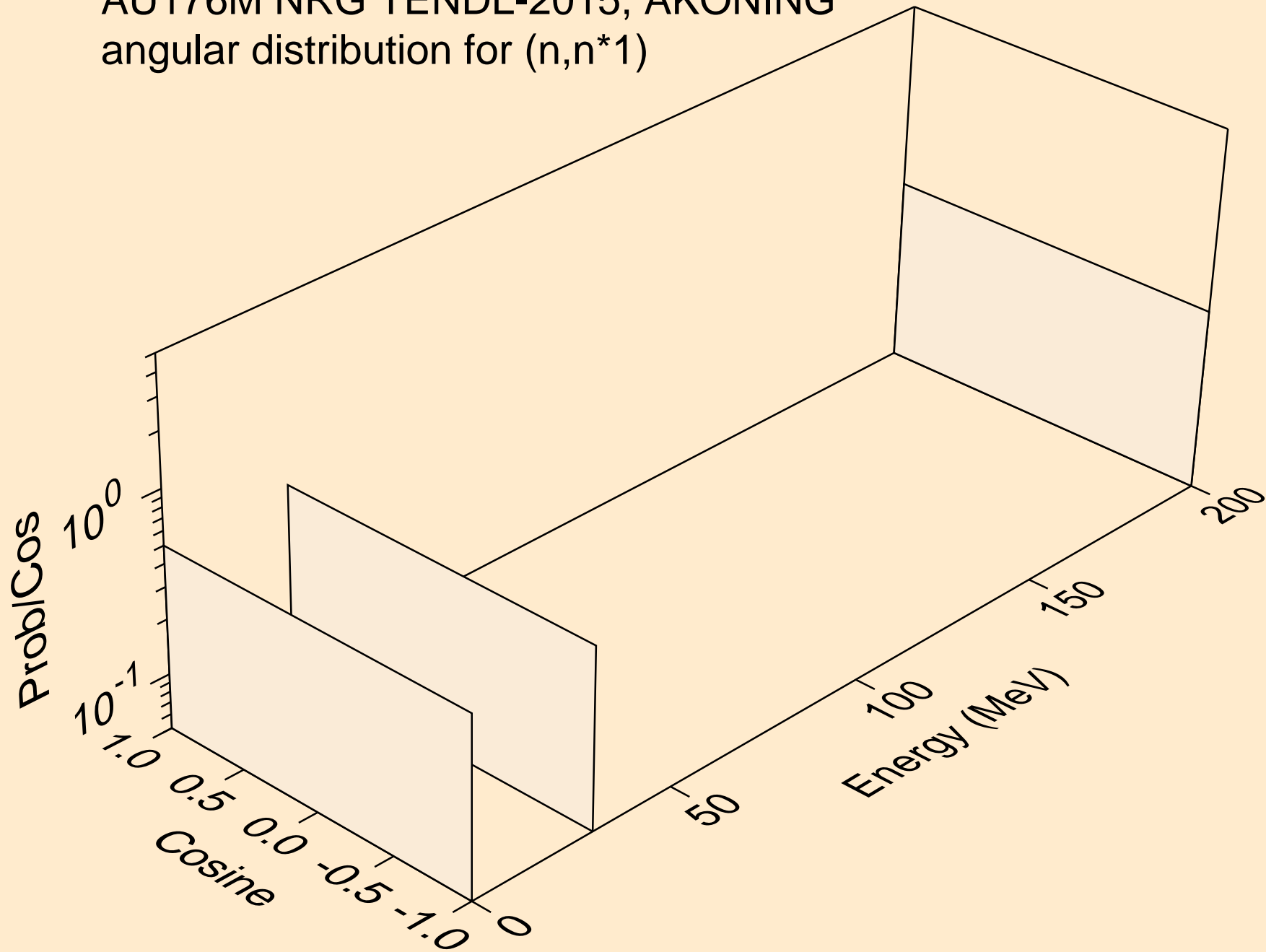
AU176M NRG TENDL-2015, AKONING  
angular distribution for elastic



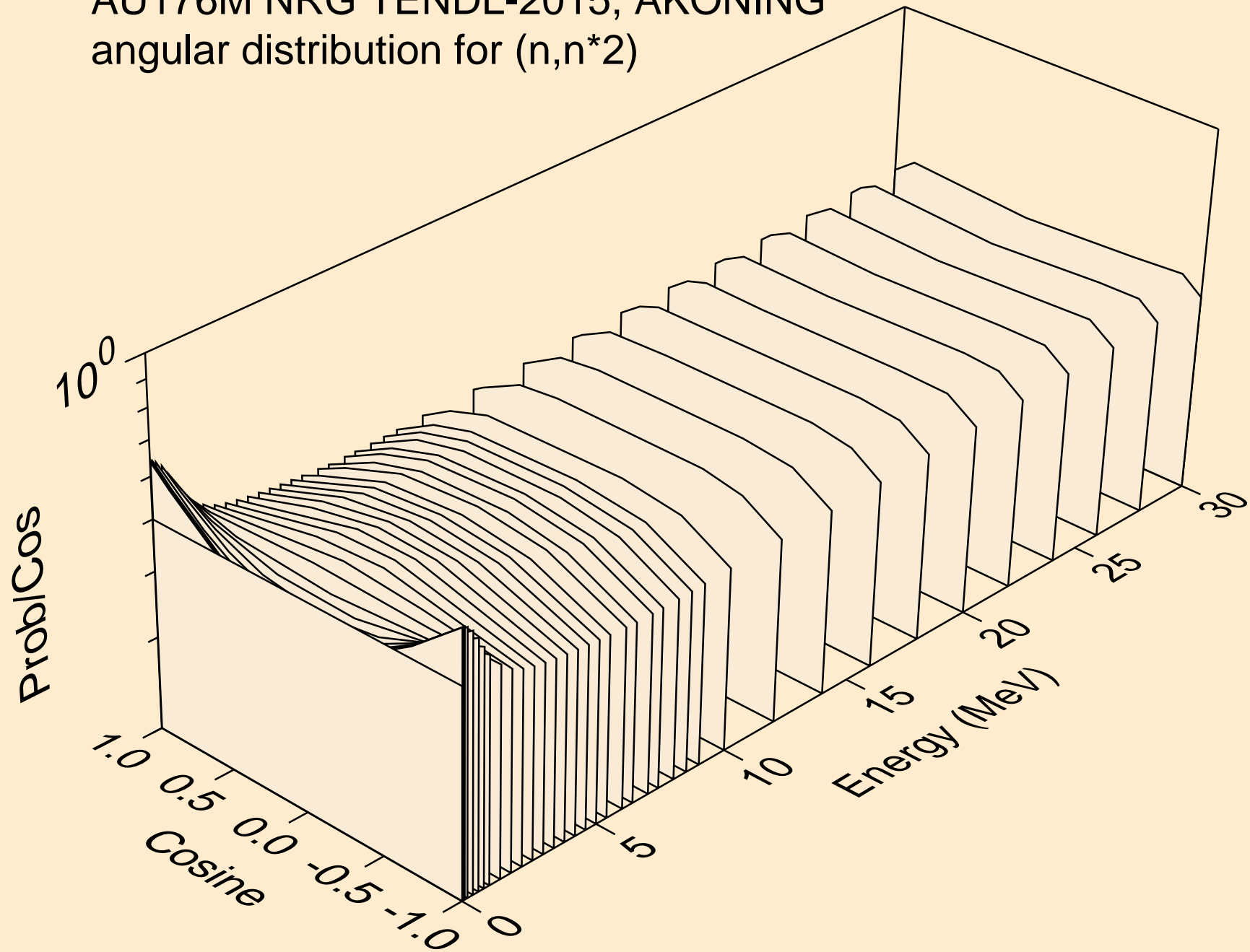
AU176M NRG TENDL-2015, AKONING  
angular distribution for elastic



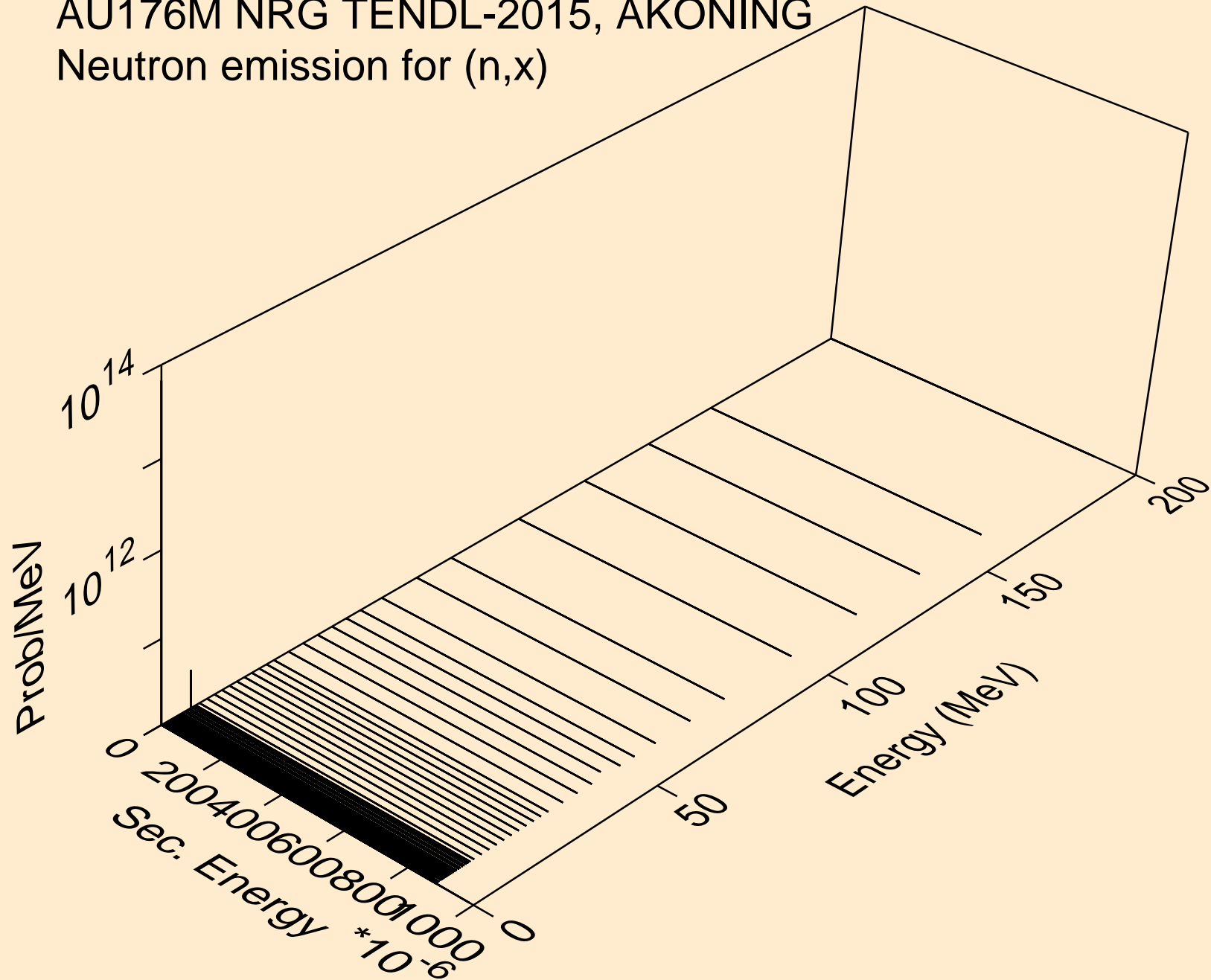
AU176M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



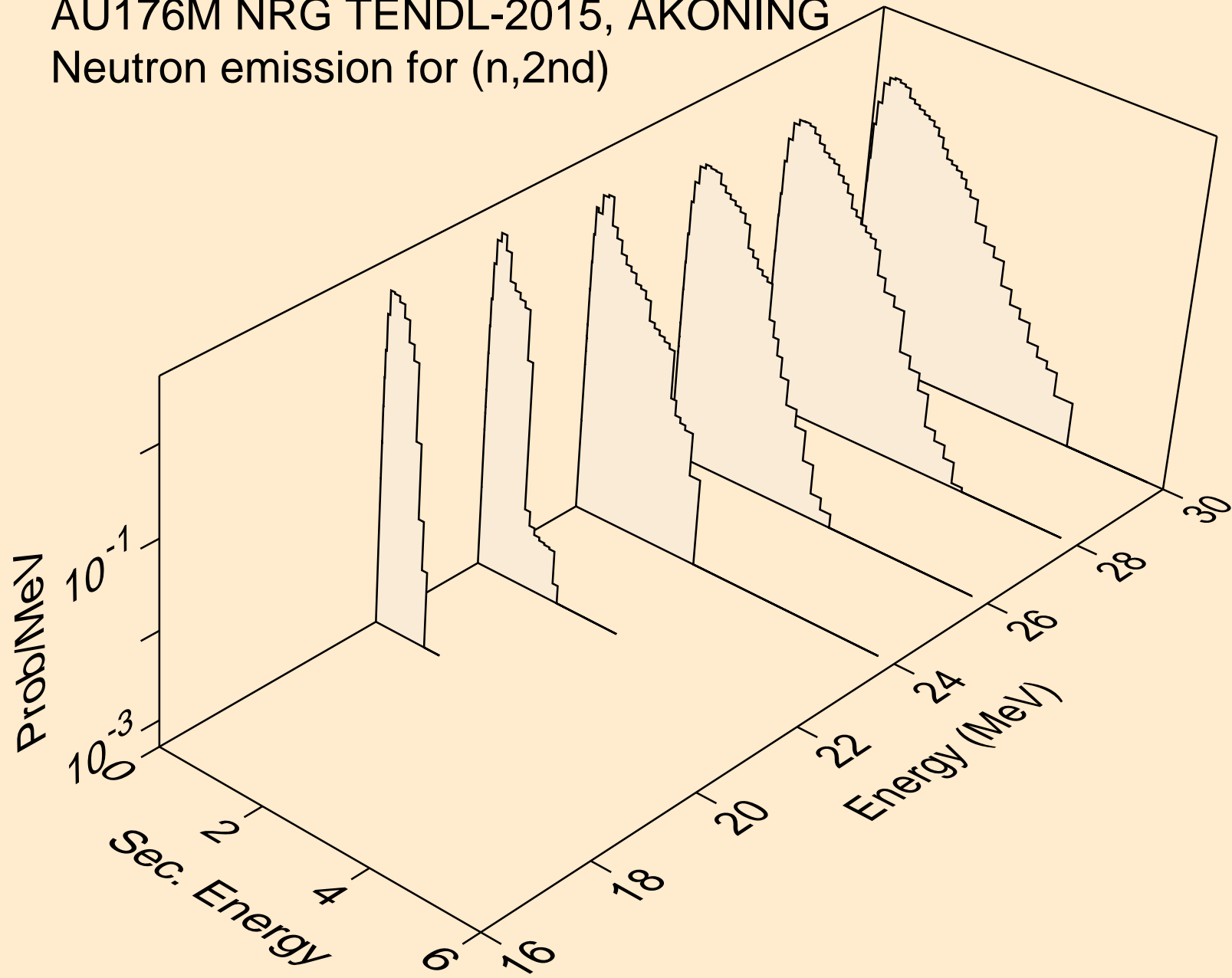
AU176M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



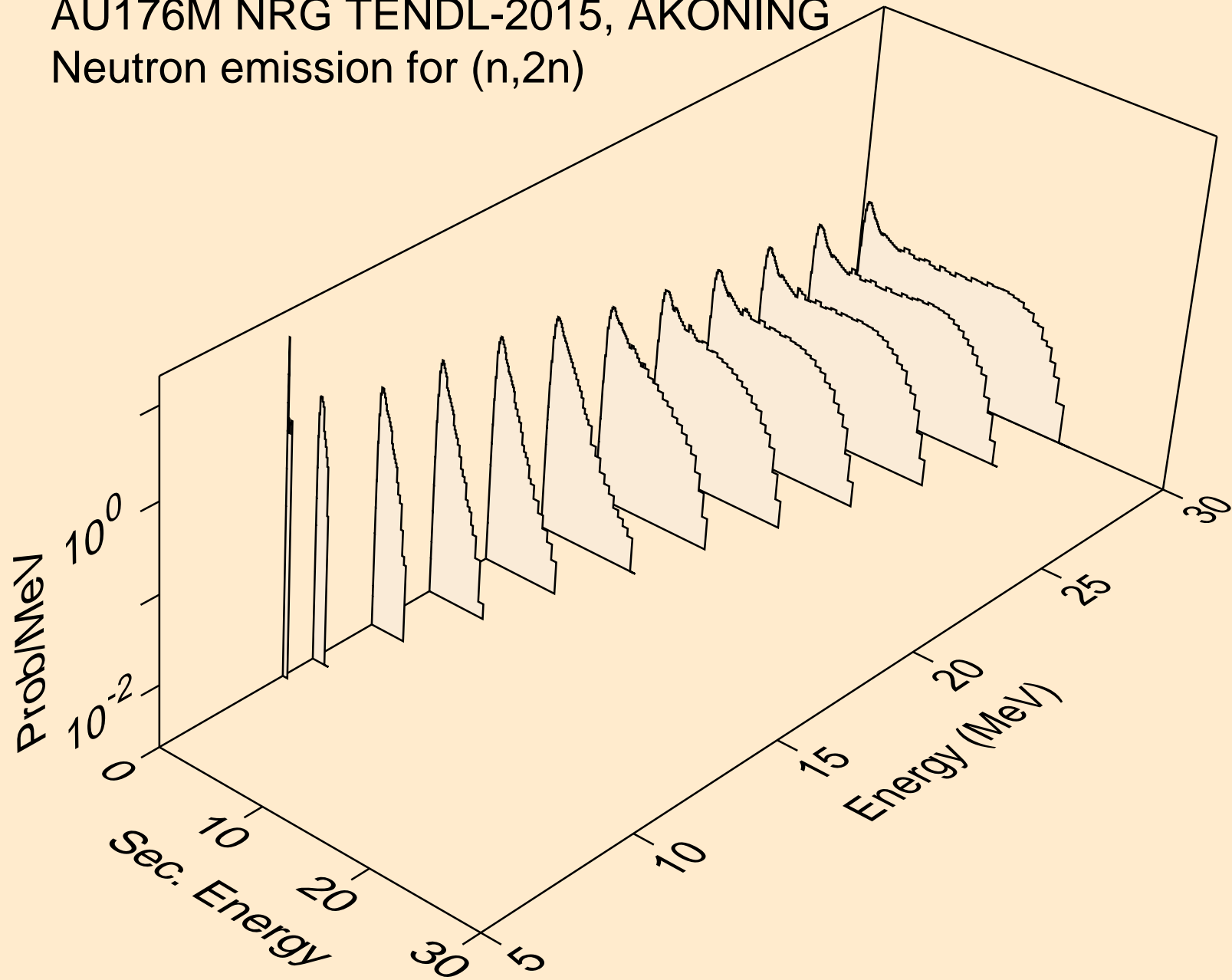
AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



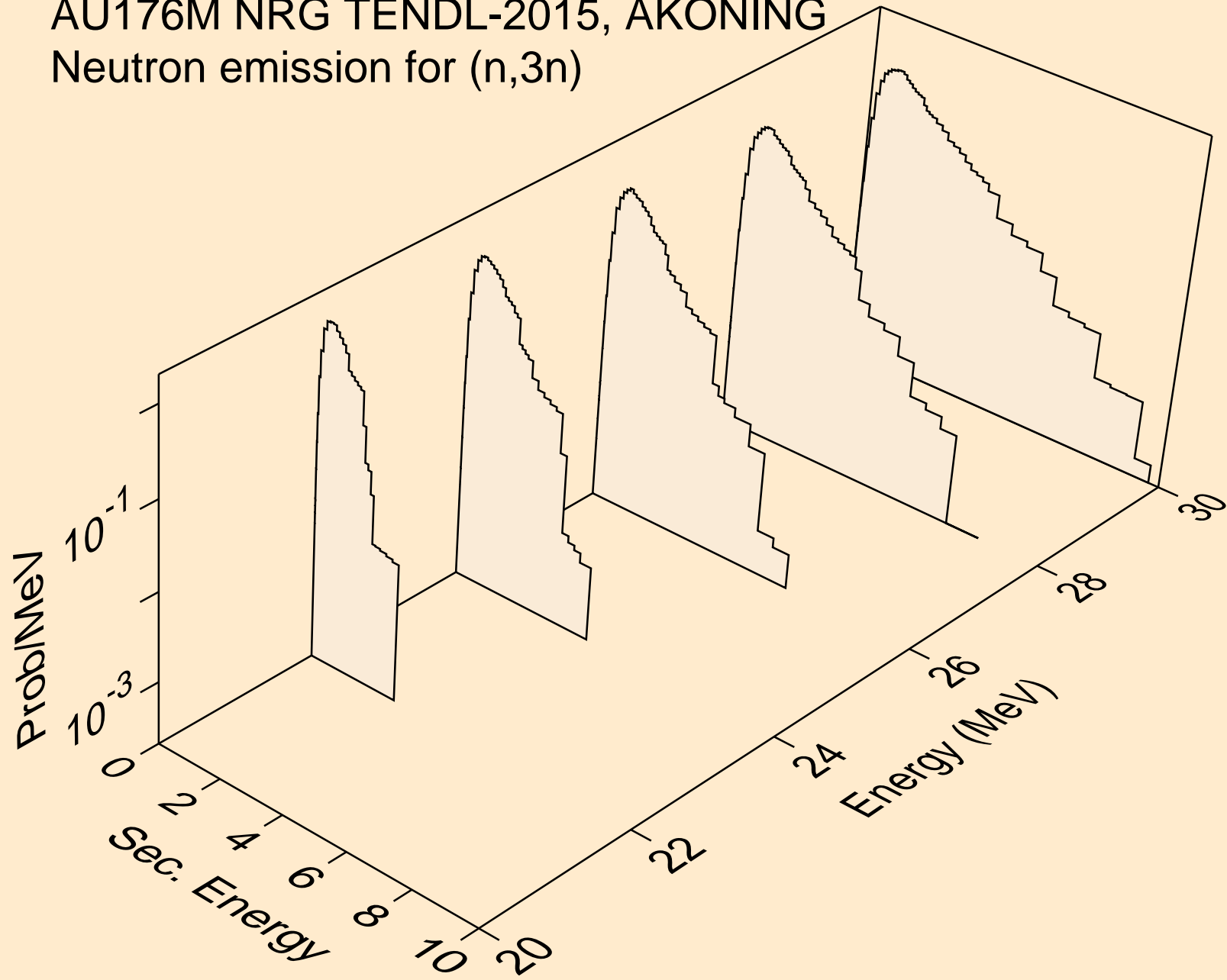
AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

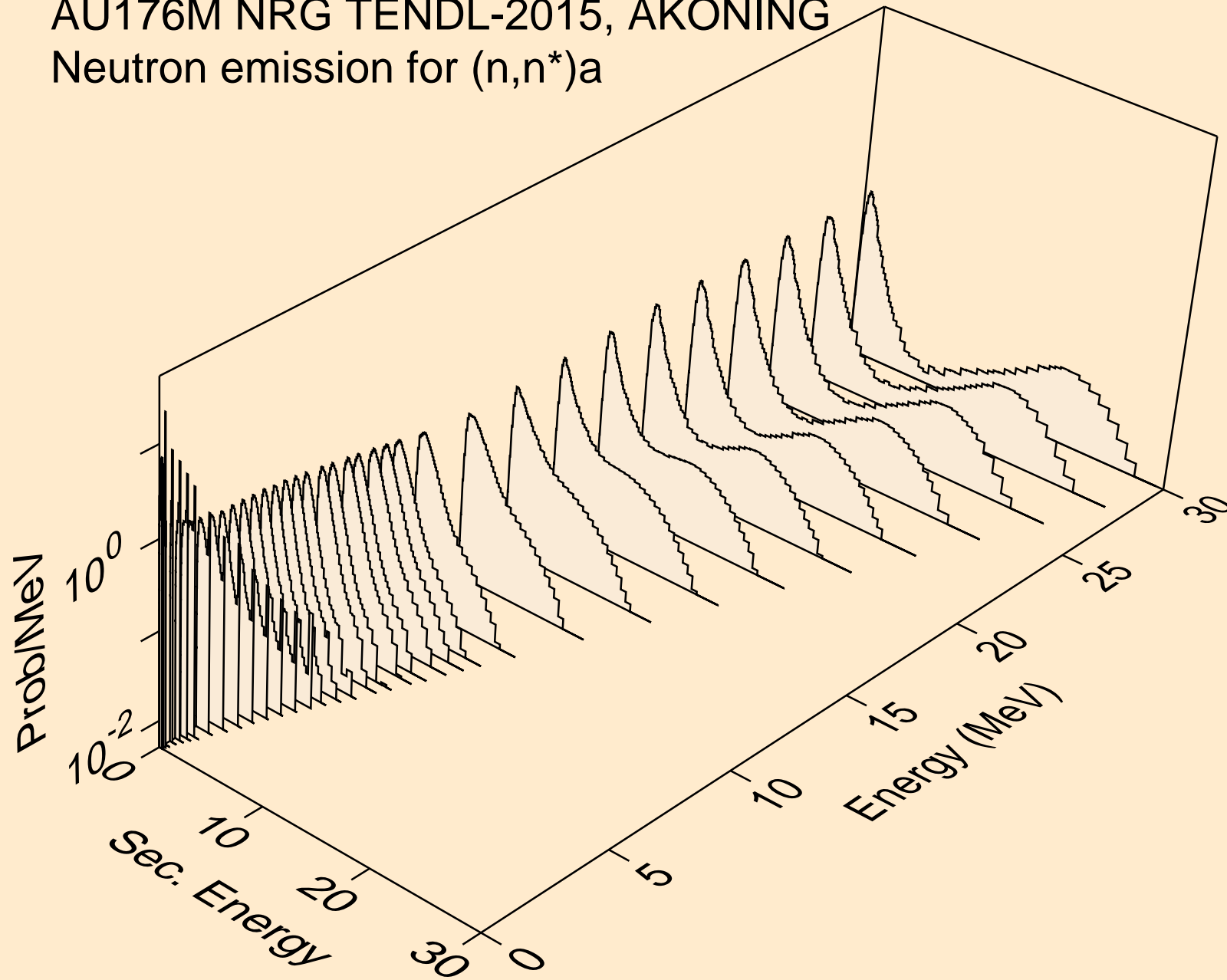


AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)

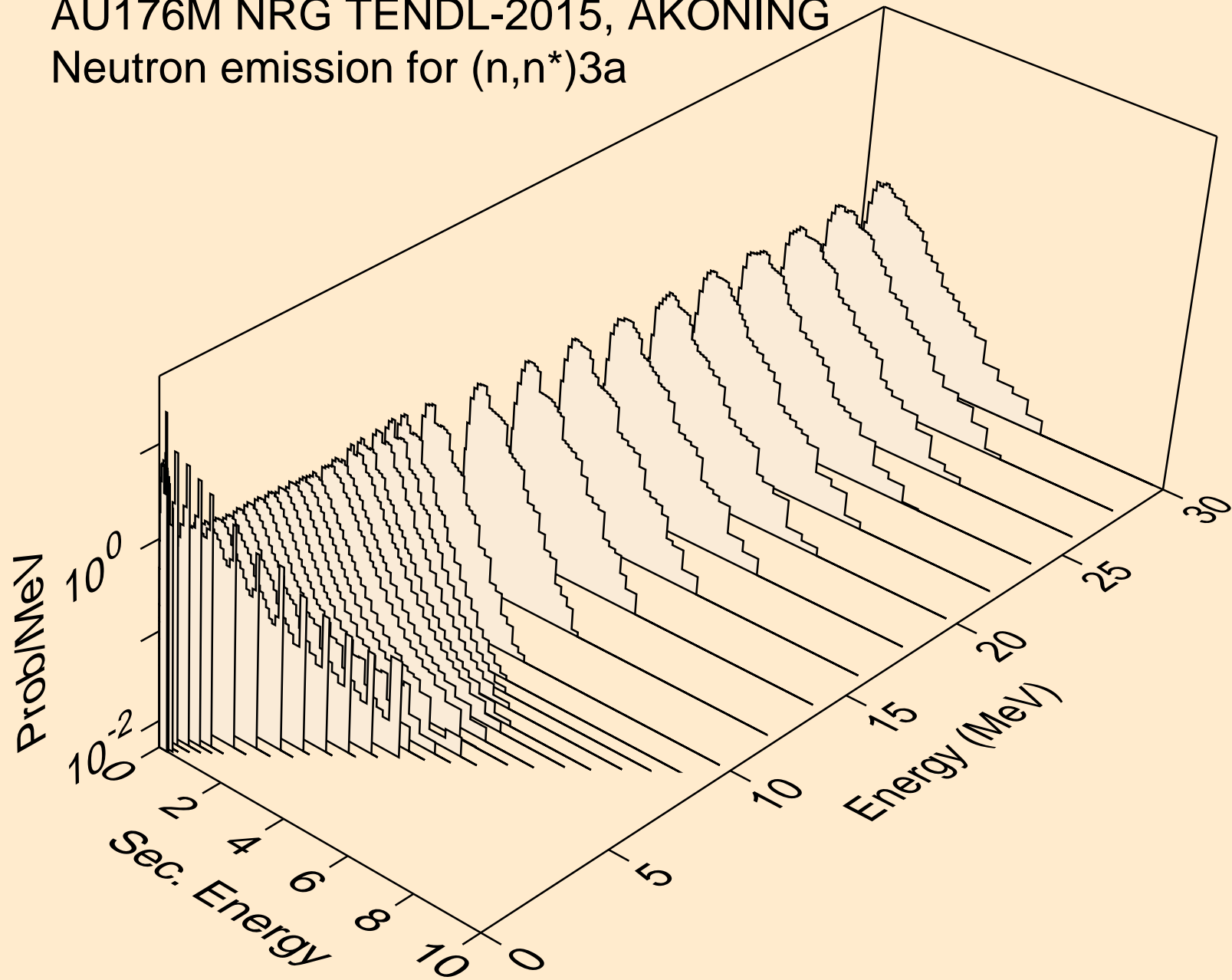




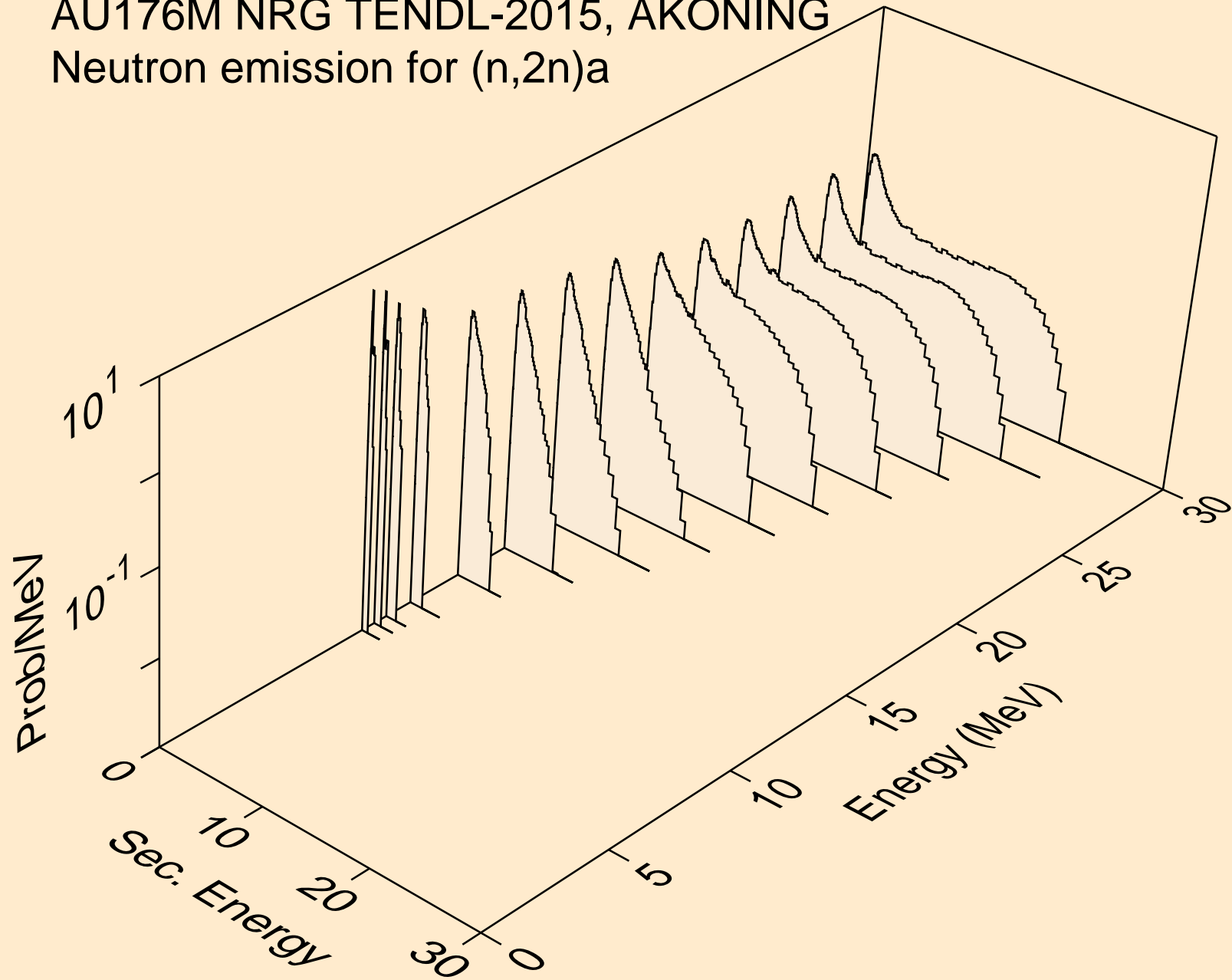
AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



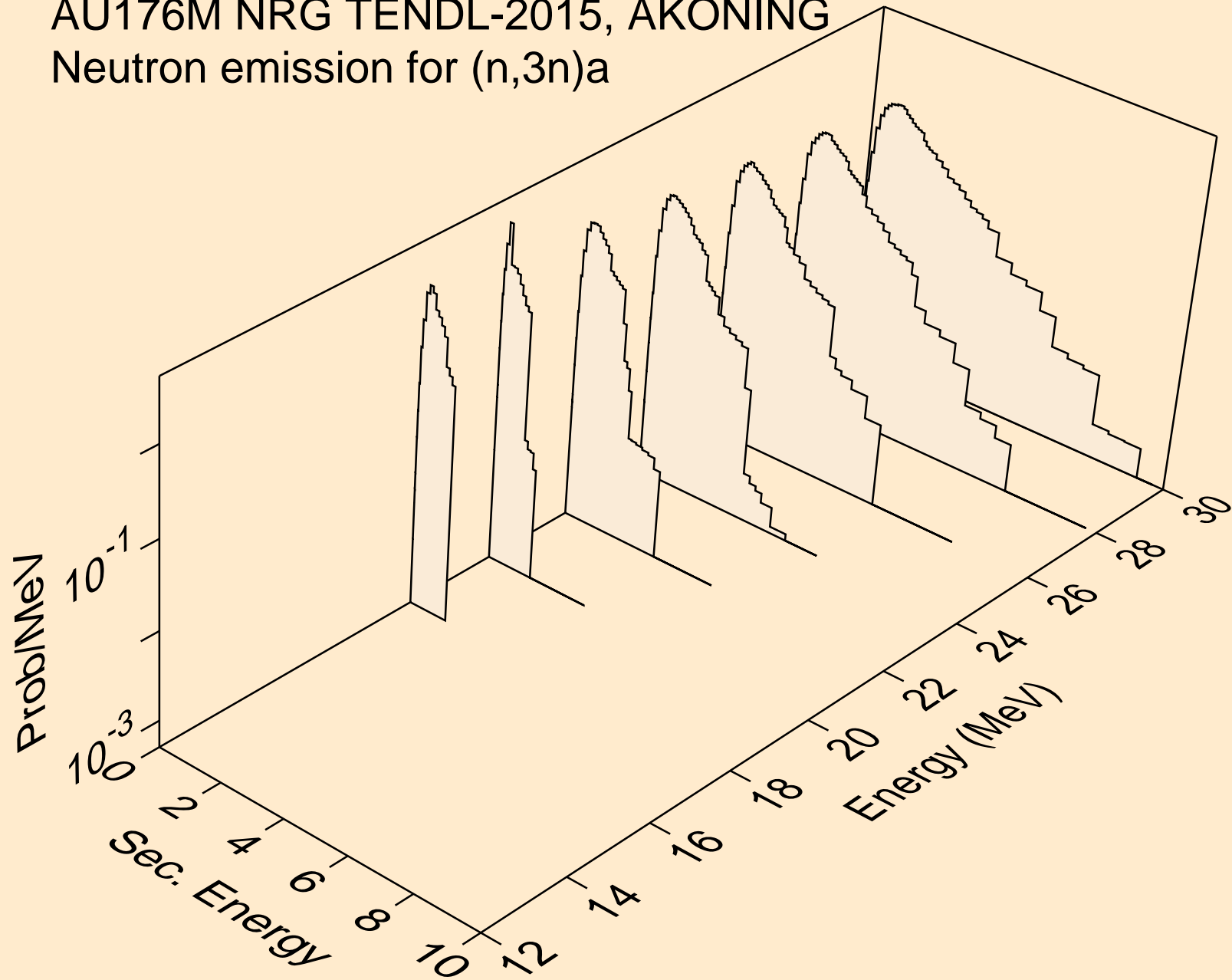
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Neutron emission for (n,n\*)3a



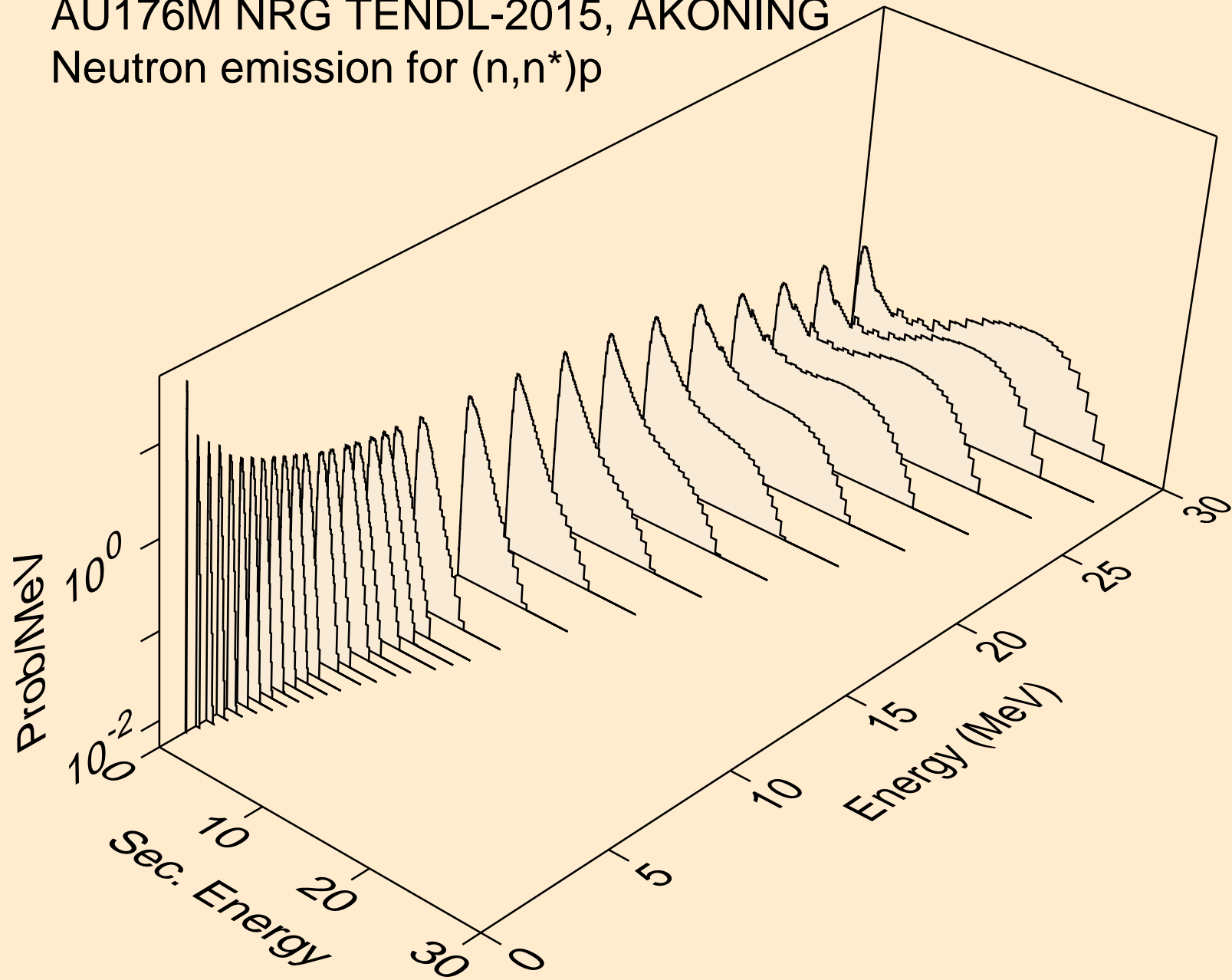
AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



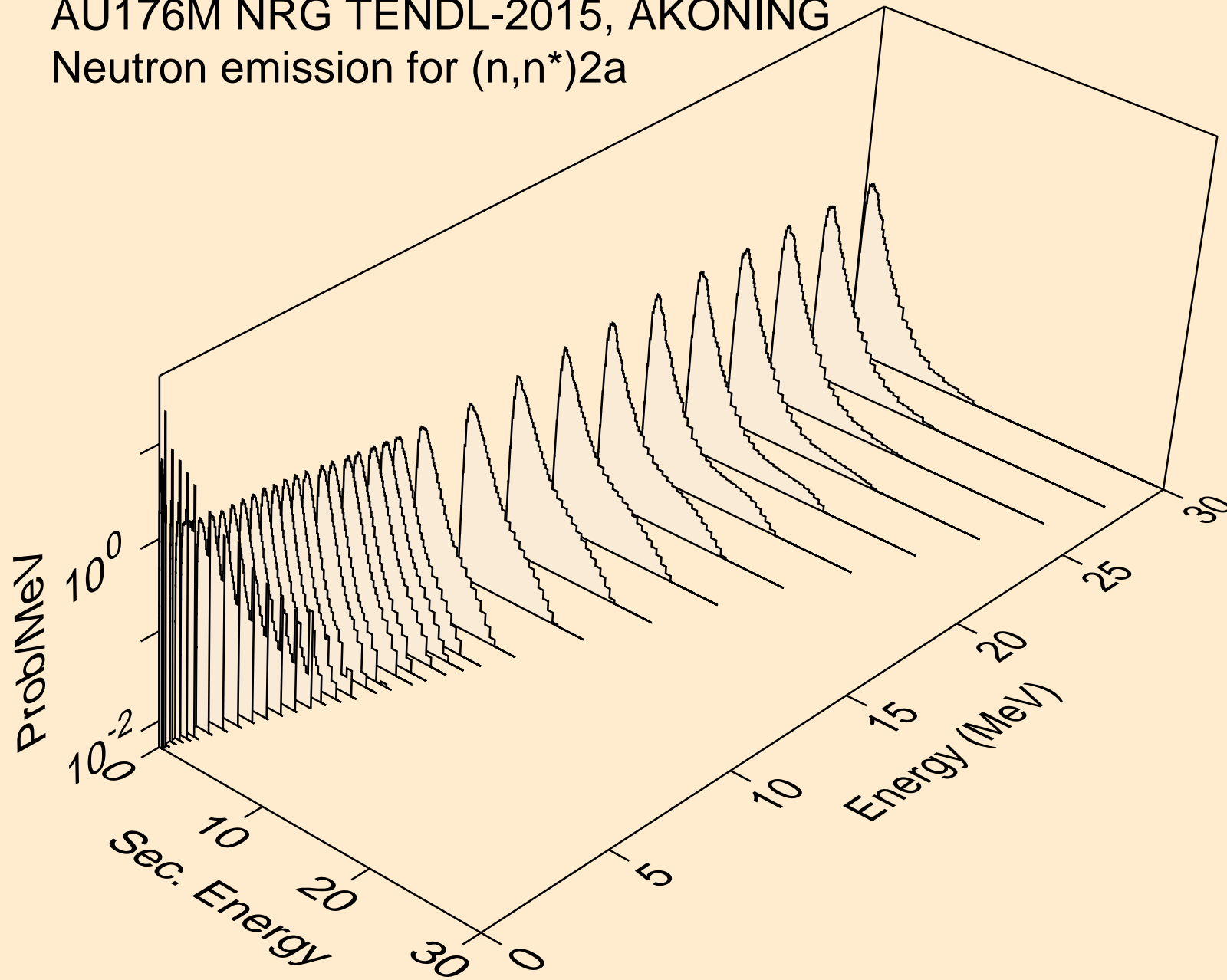
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Neutron emission for (n,3n)a



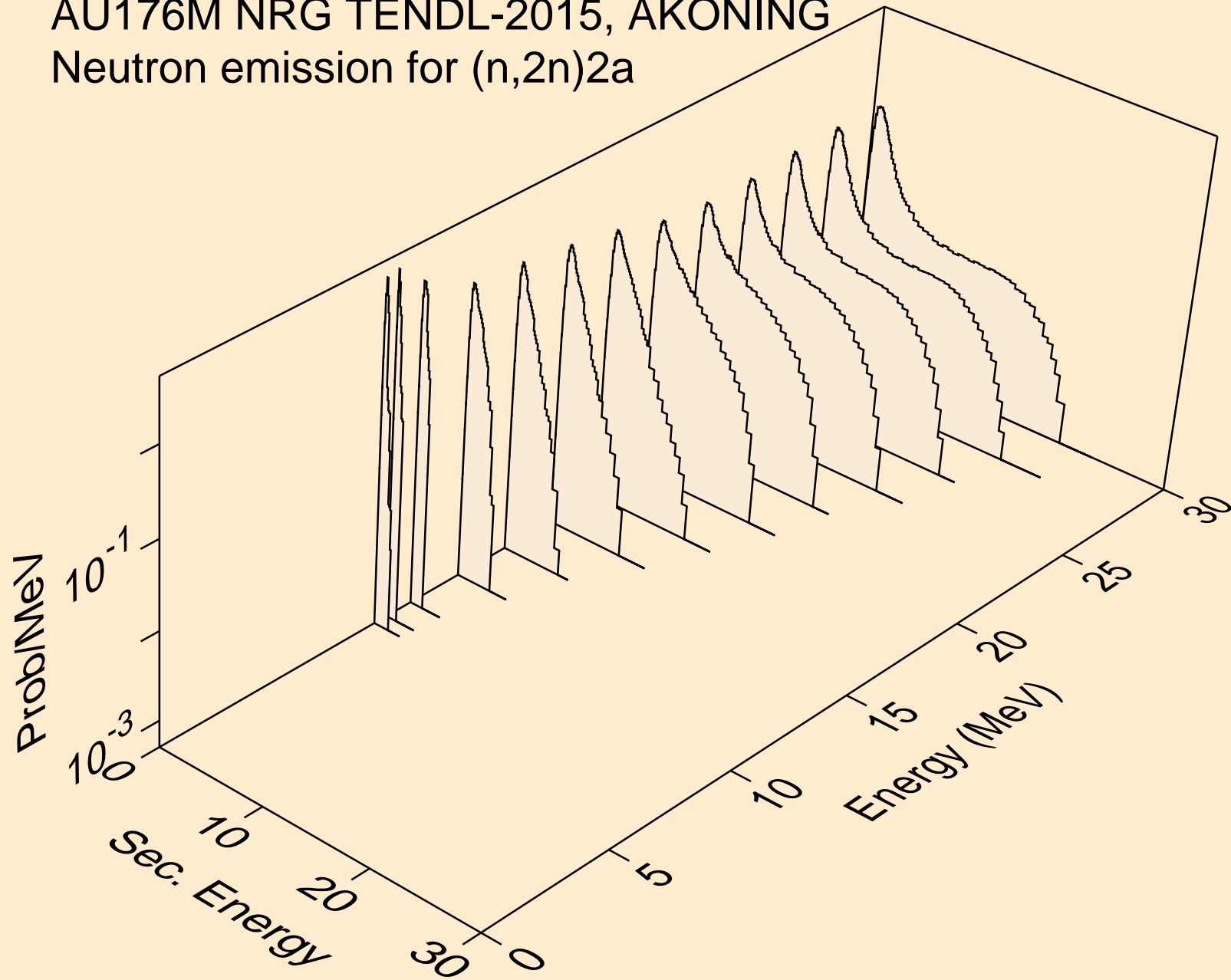
AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



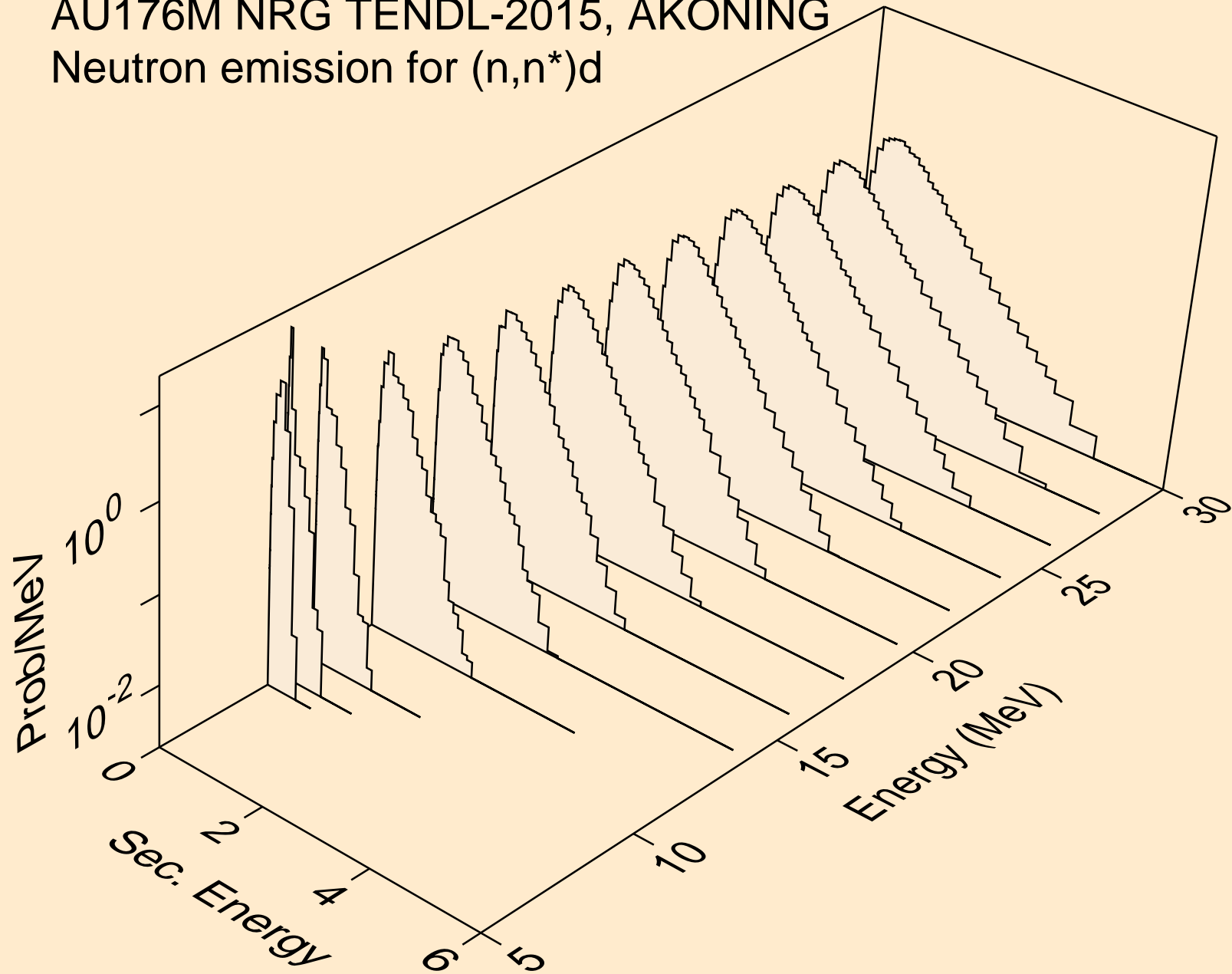
AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

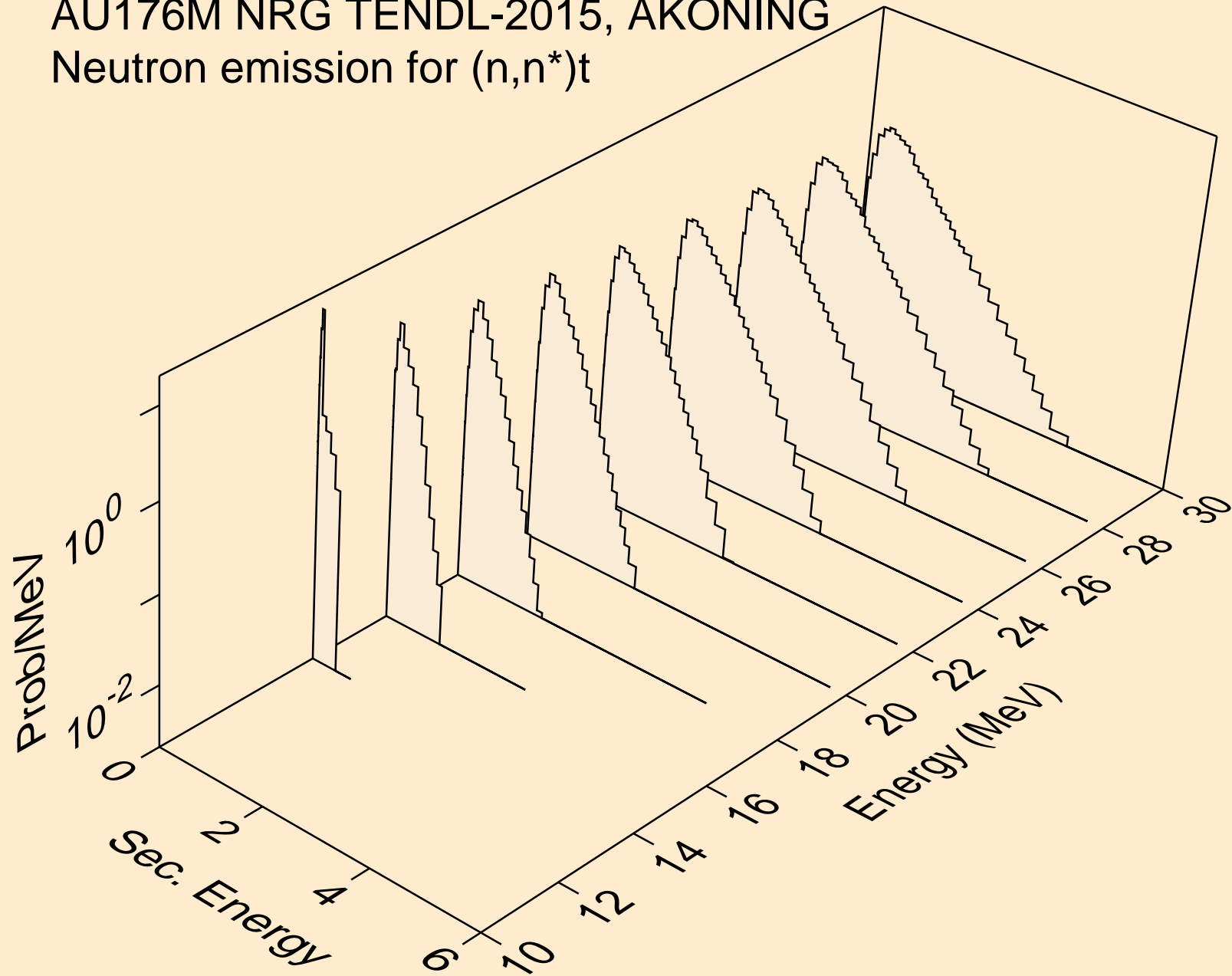


AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

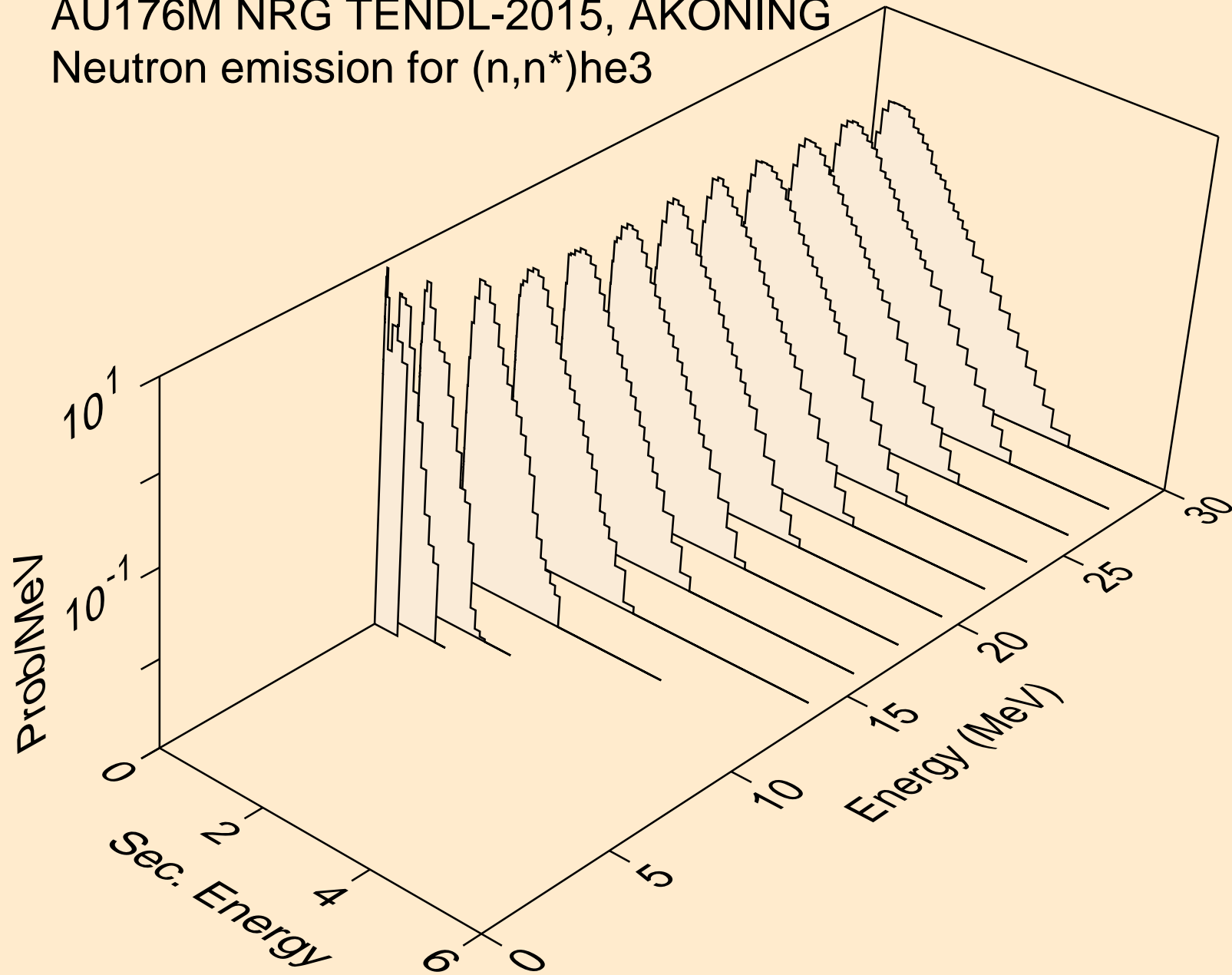




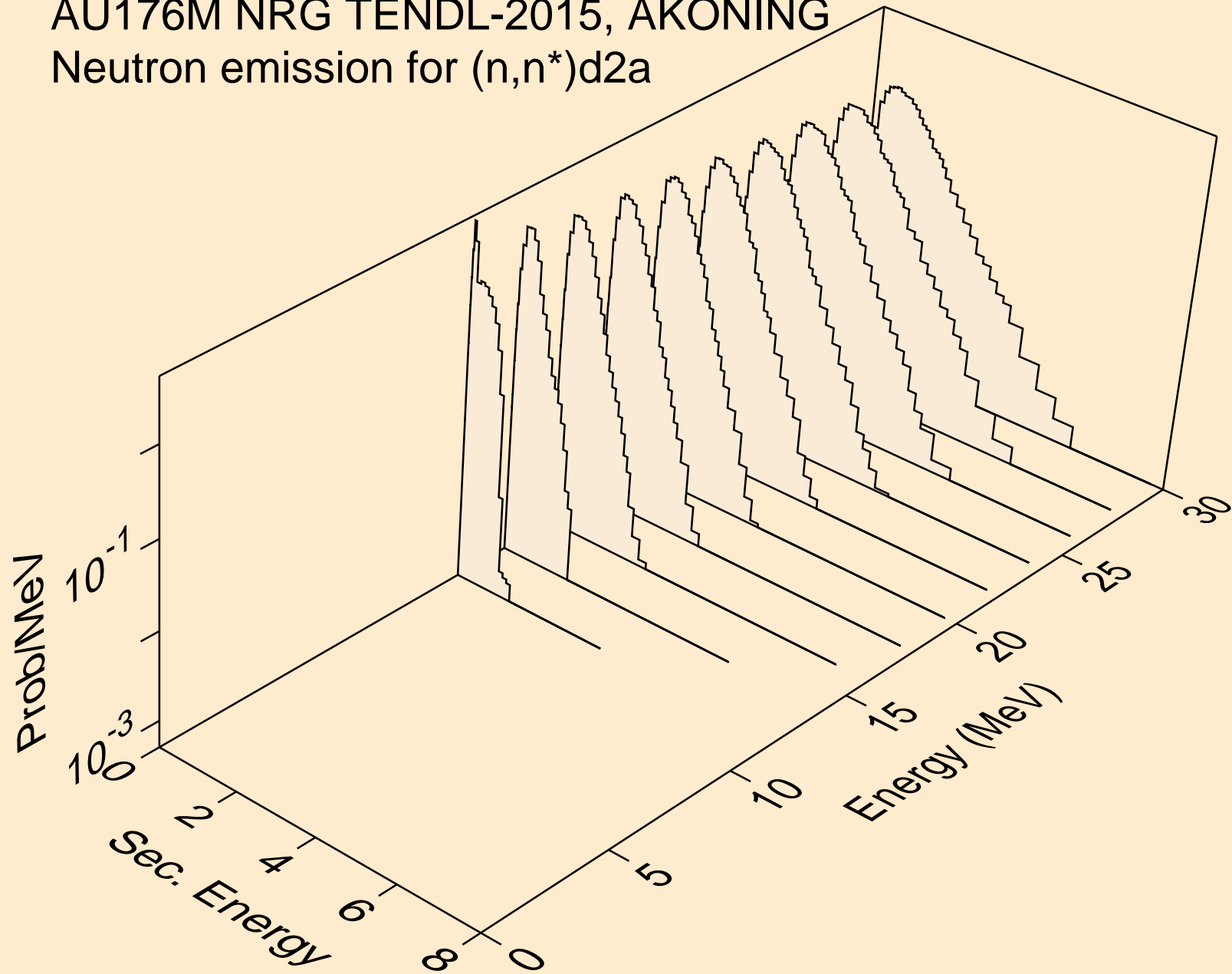
AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



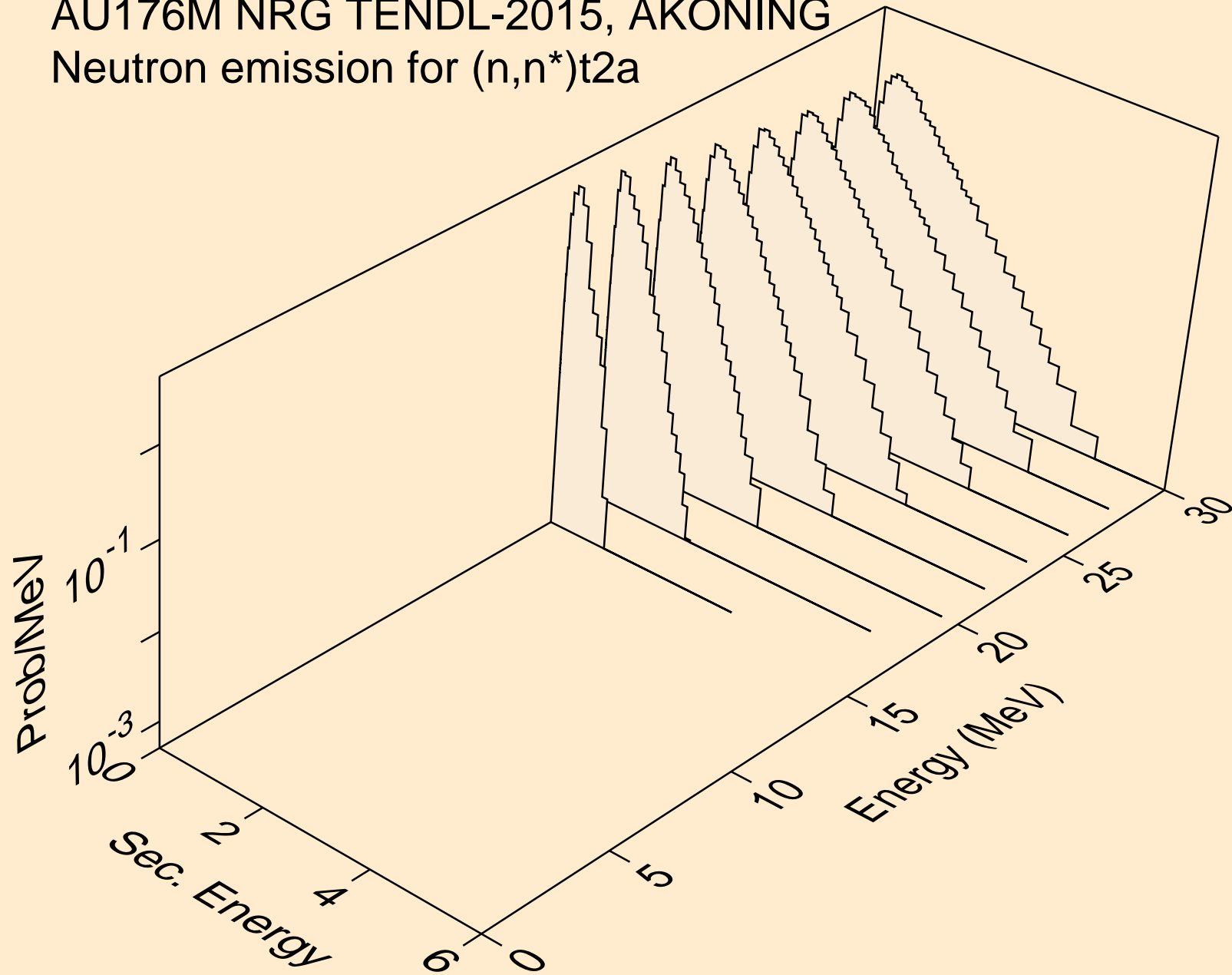
AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



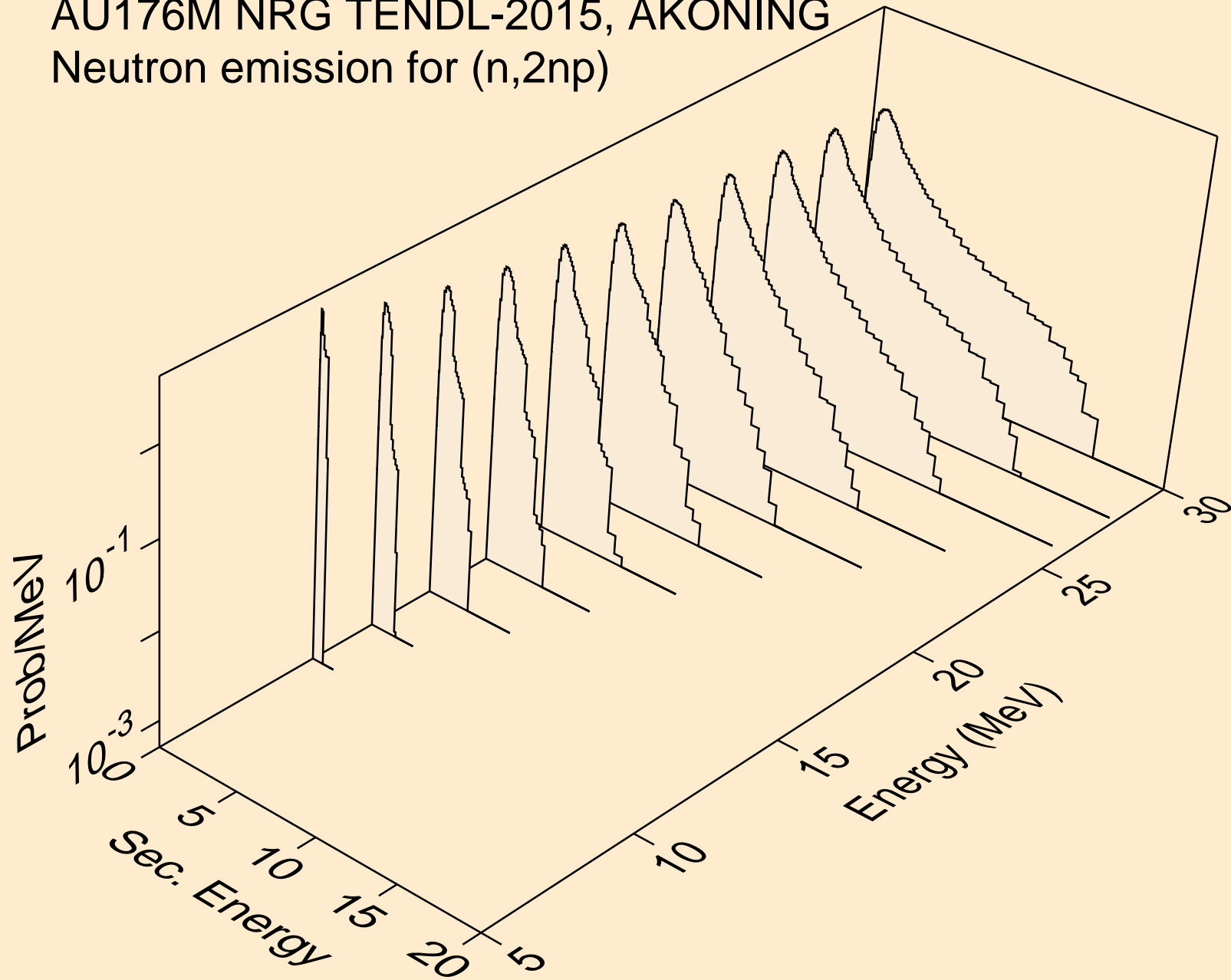
AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



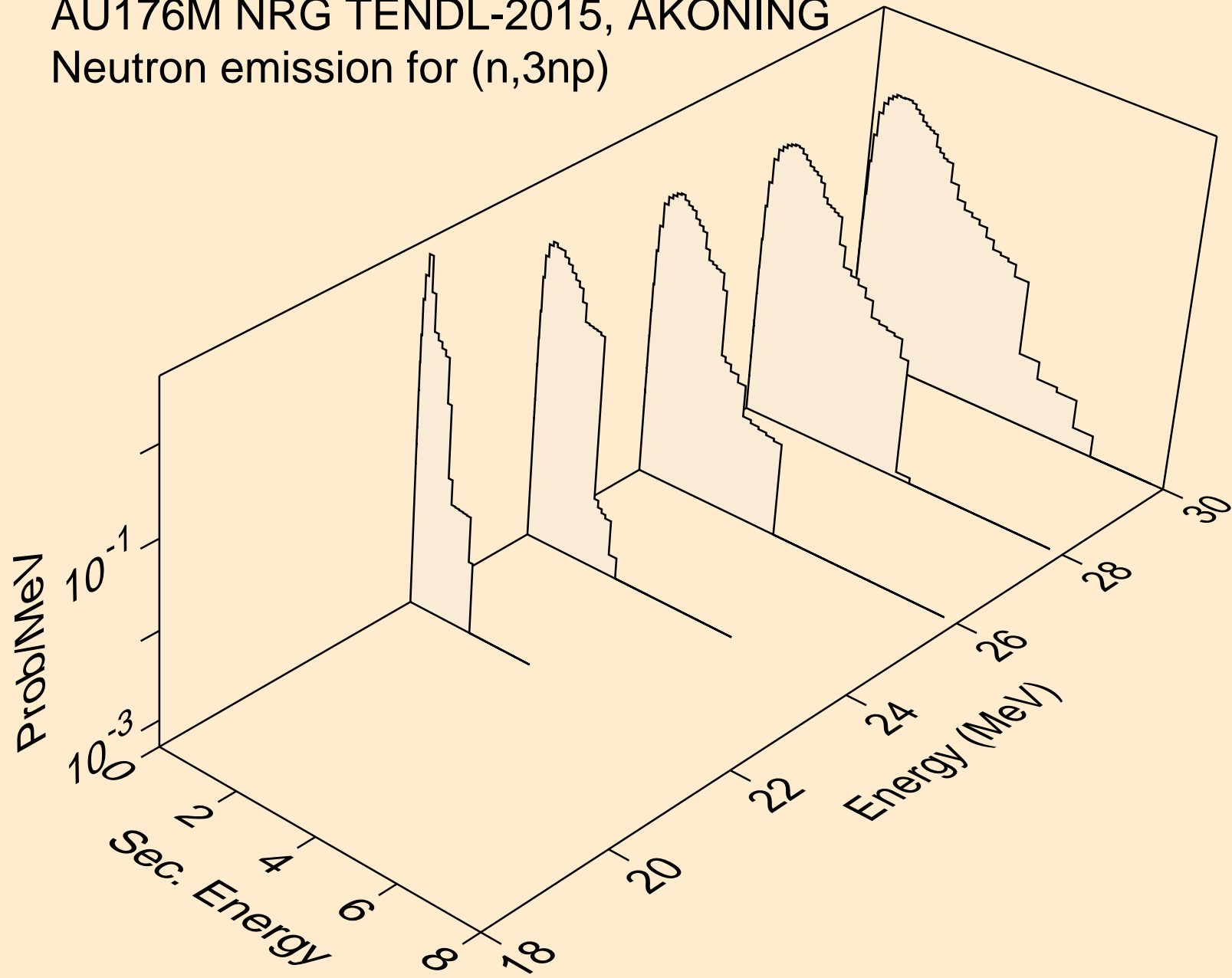
AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



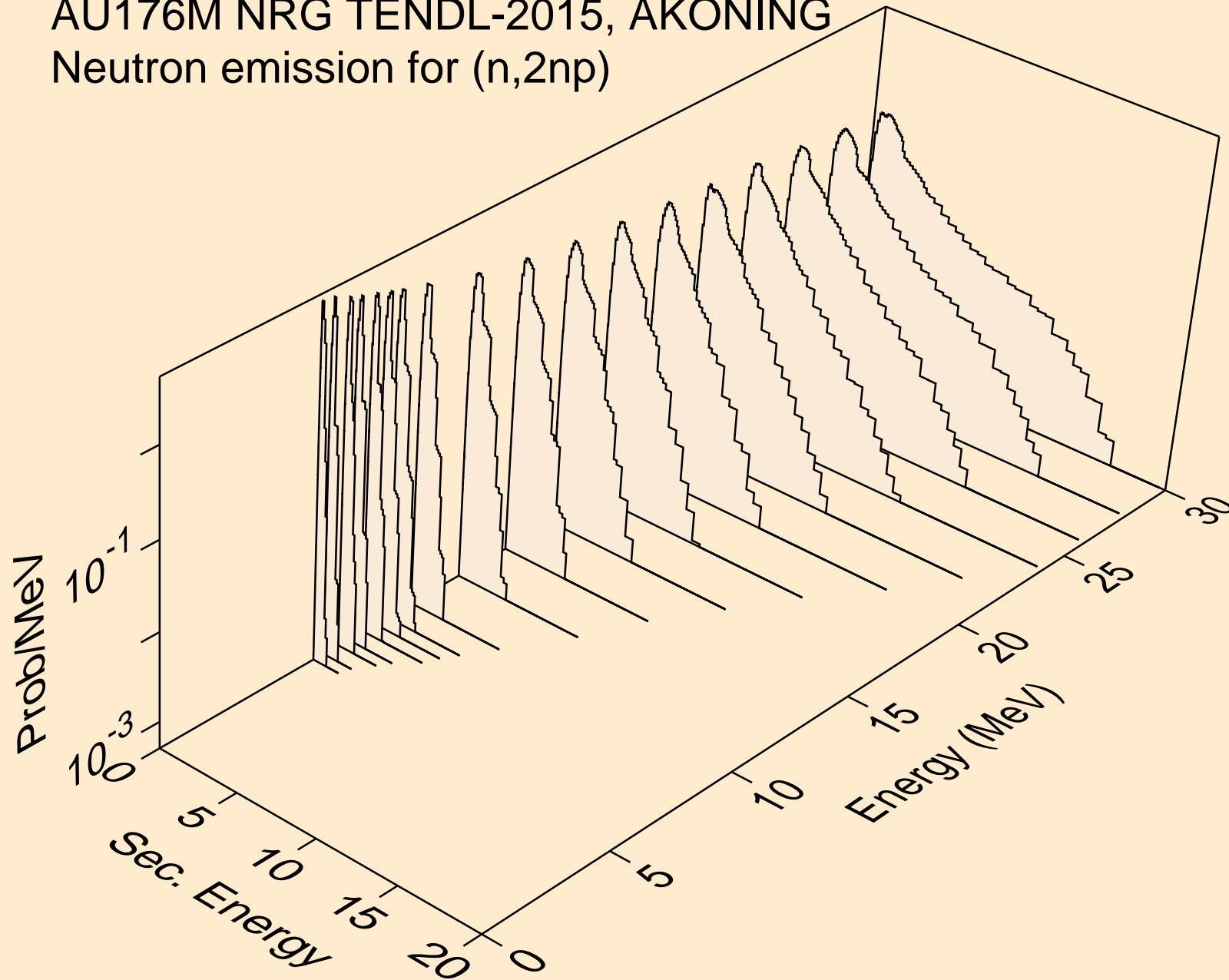
AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



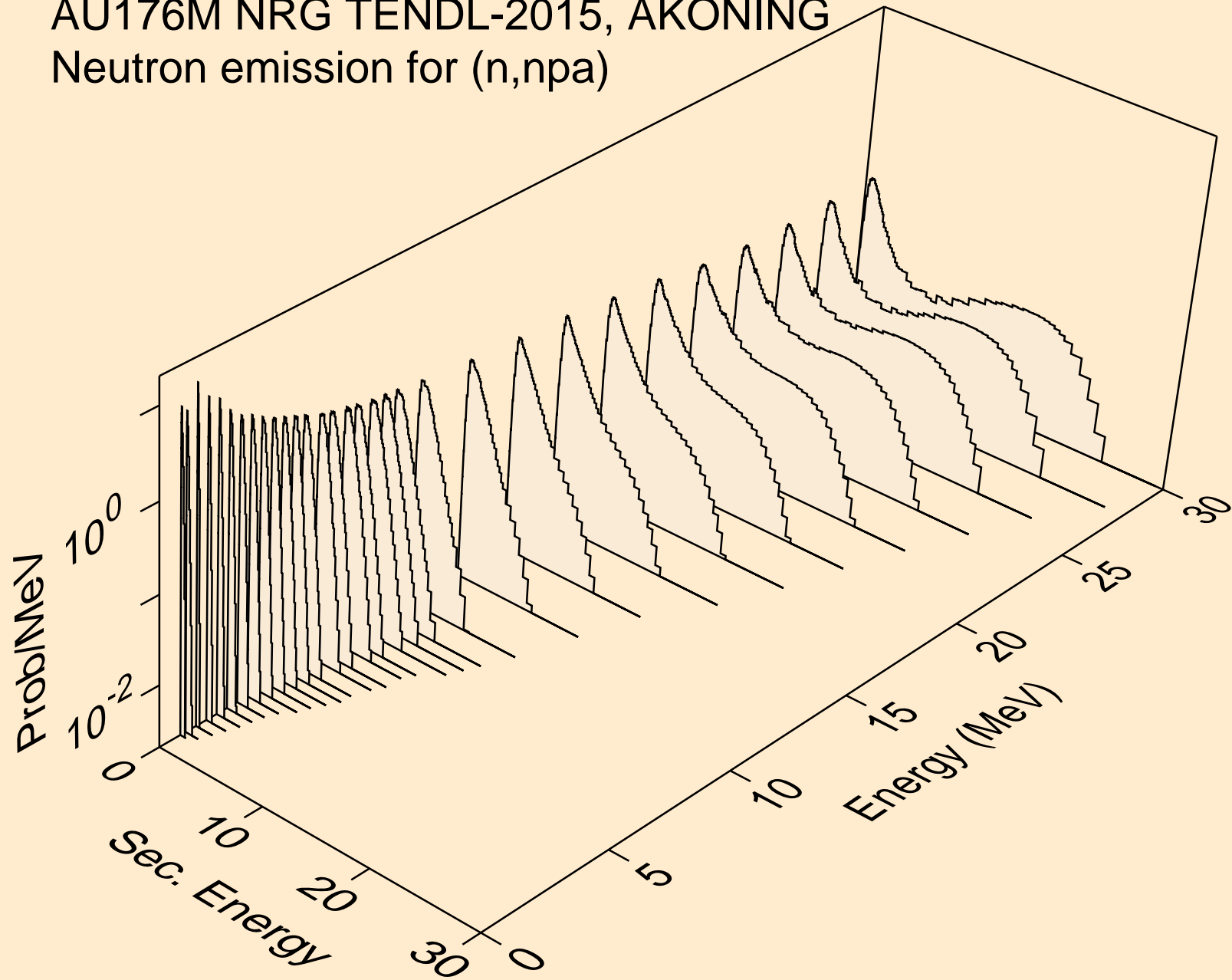
AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

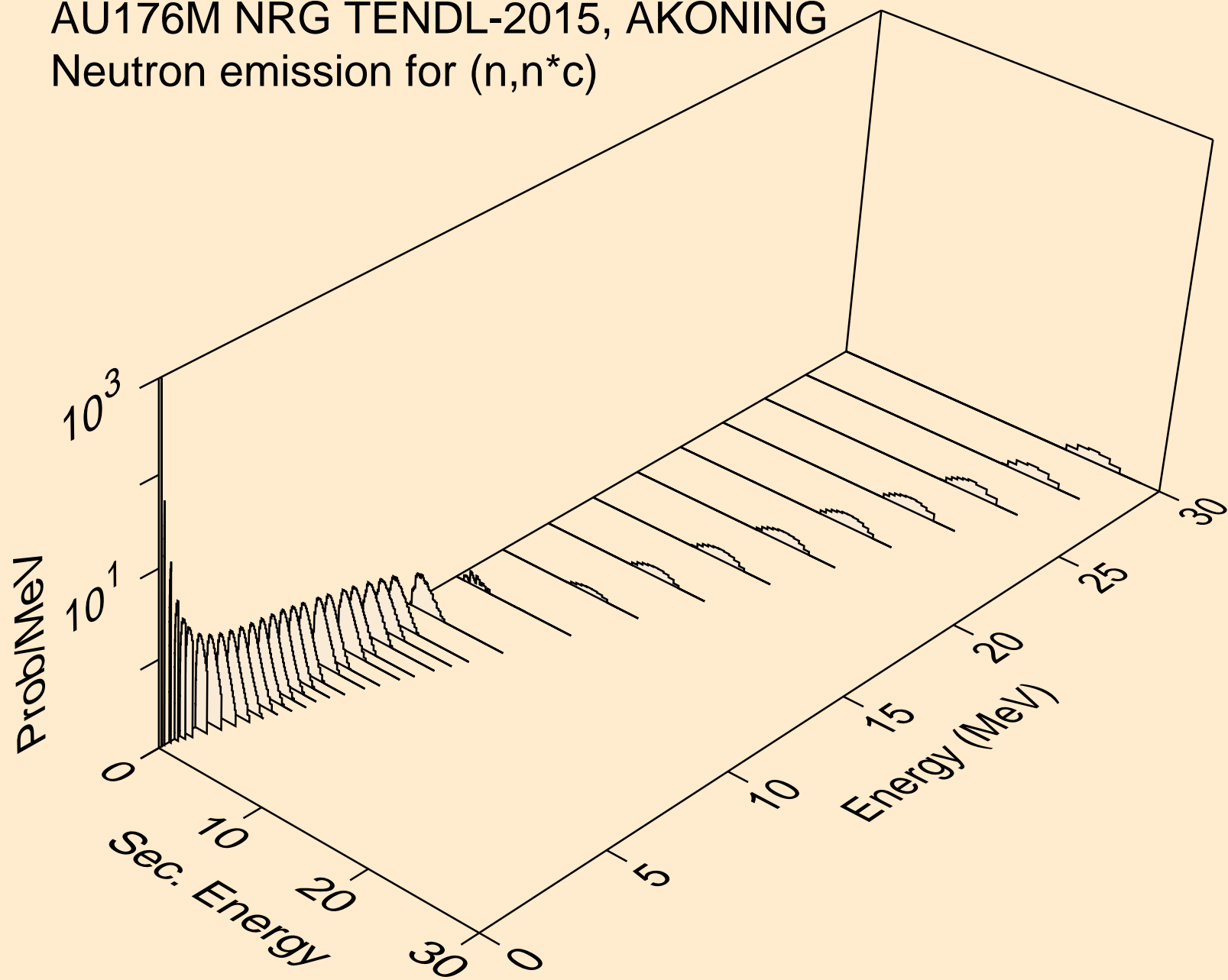


AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

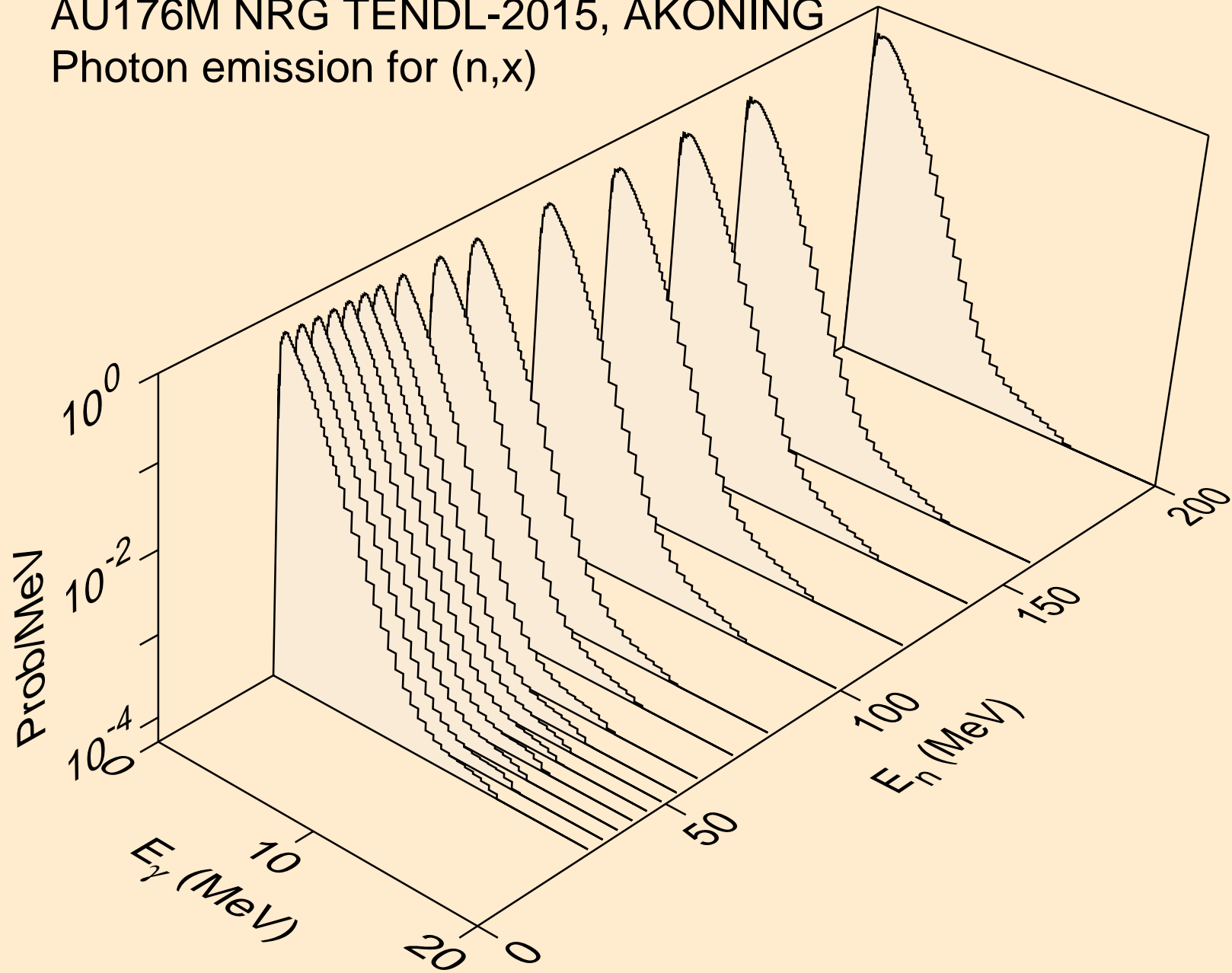




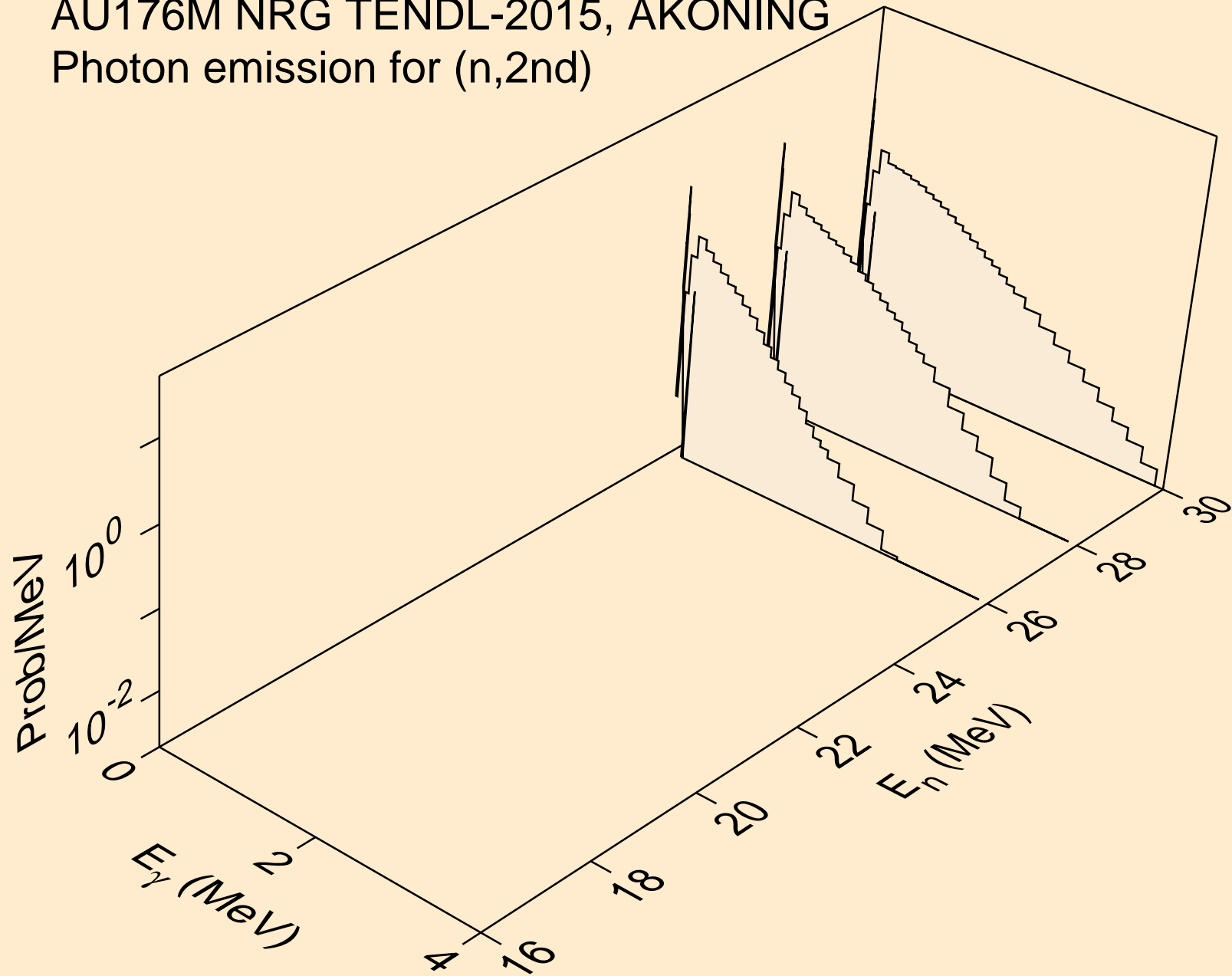
AU176M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



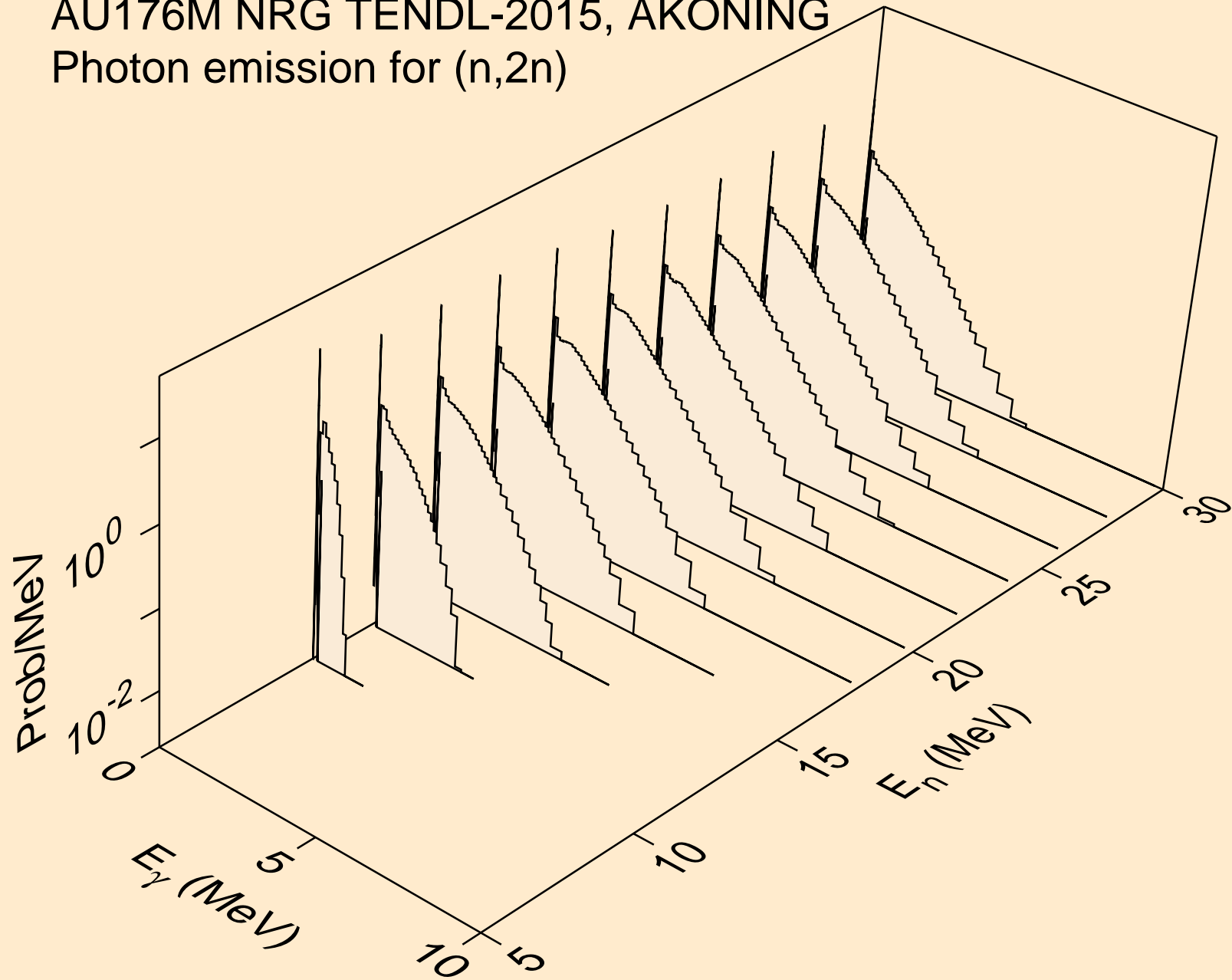
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



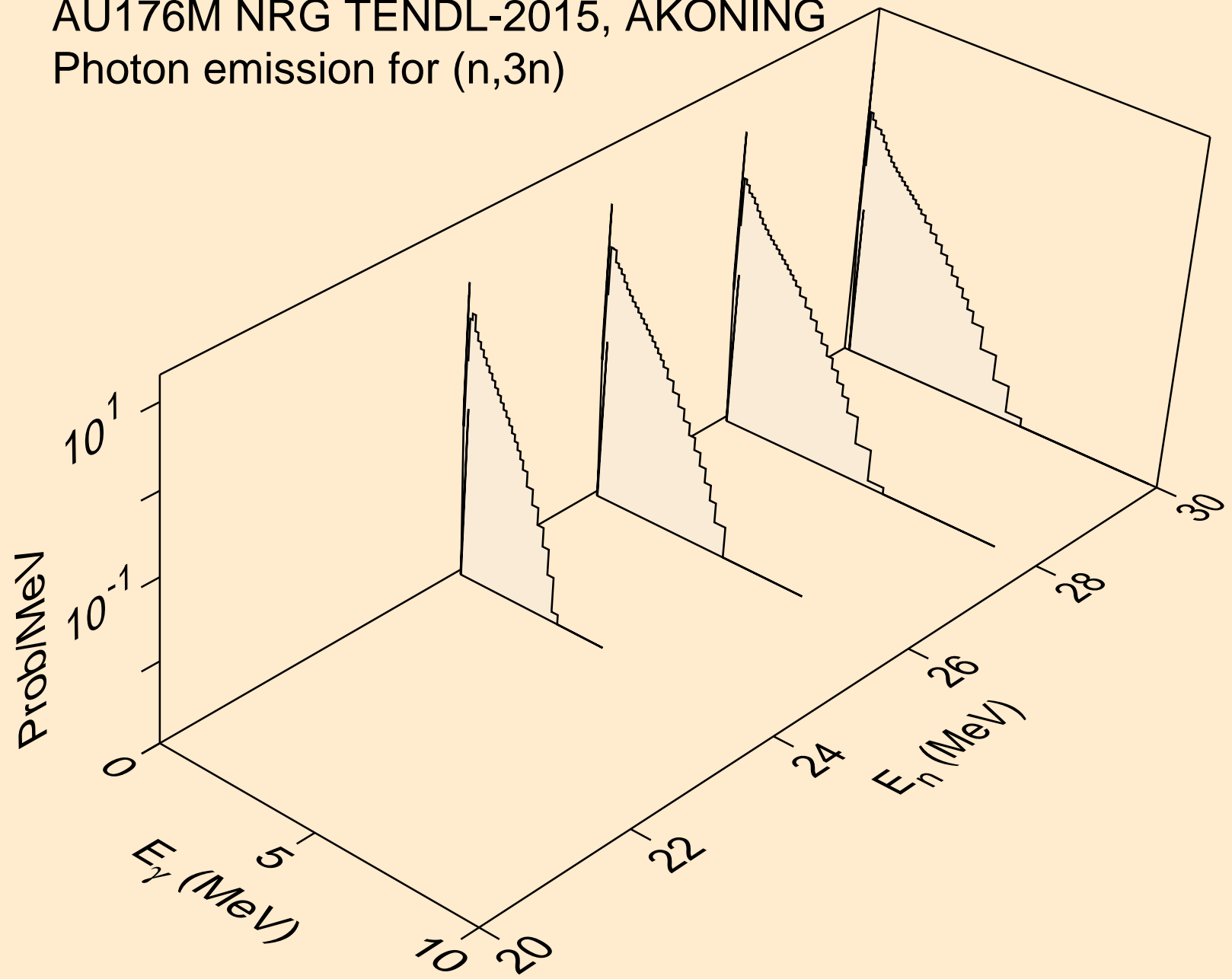
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Photon emission for (n,2nd)



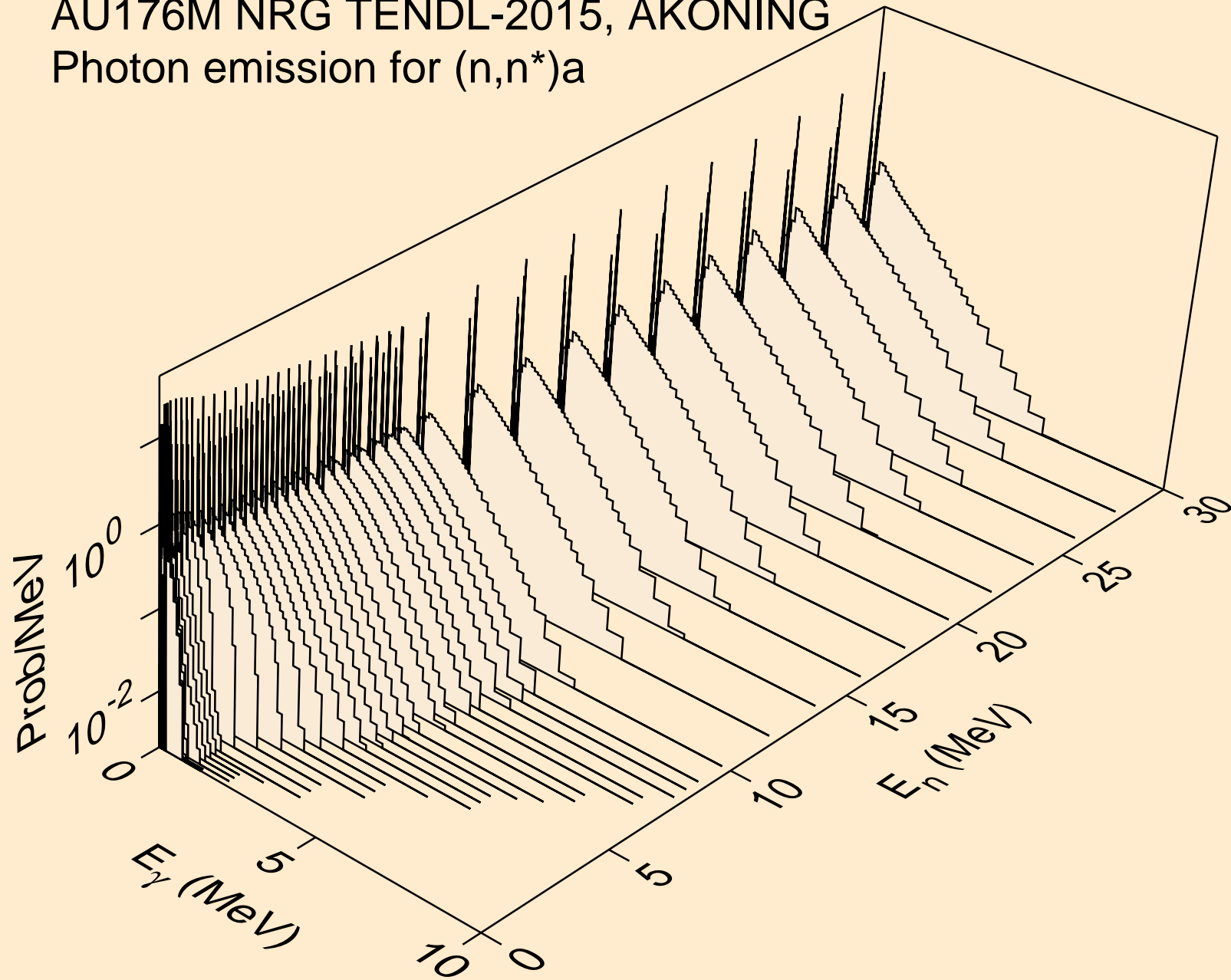
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Photon emission for (n,2n)



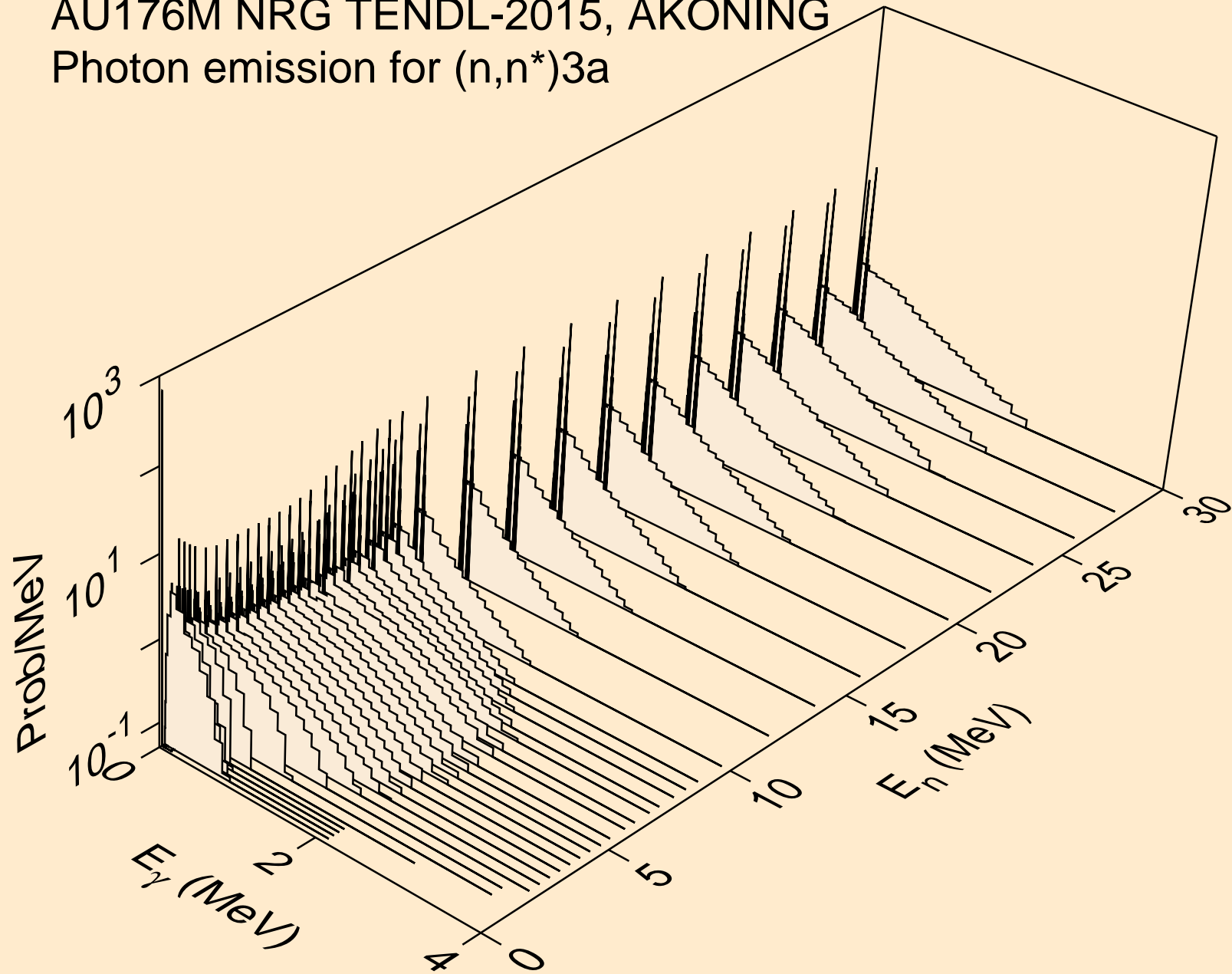
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Photon emission for (n,3n)



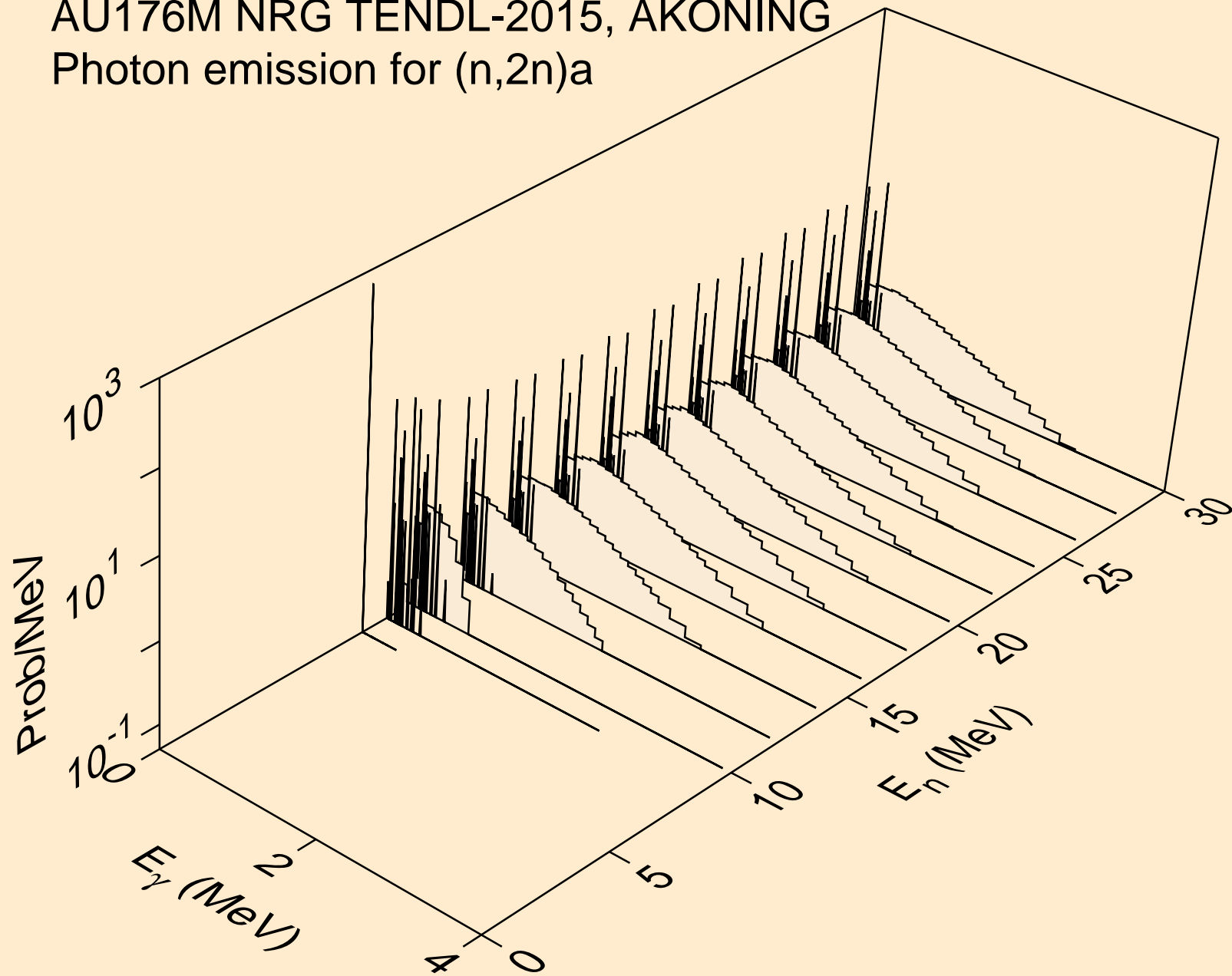
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

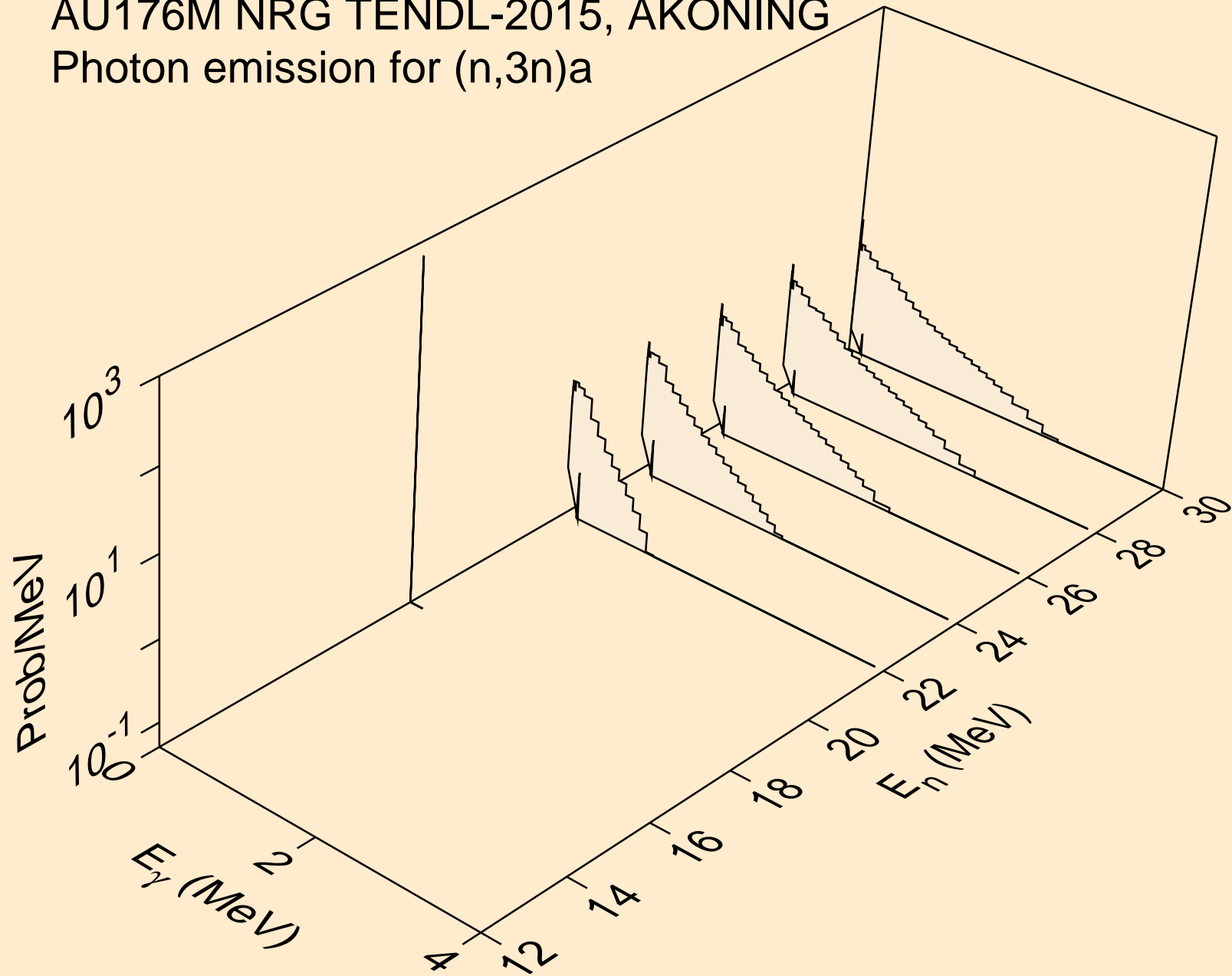


AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

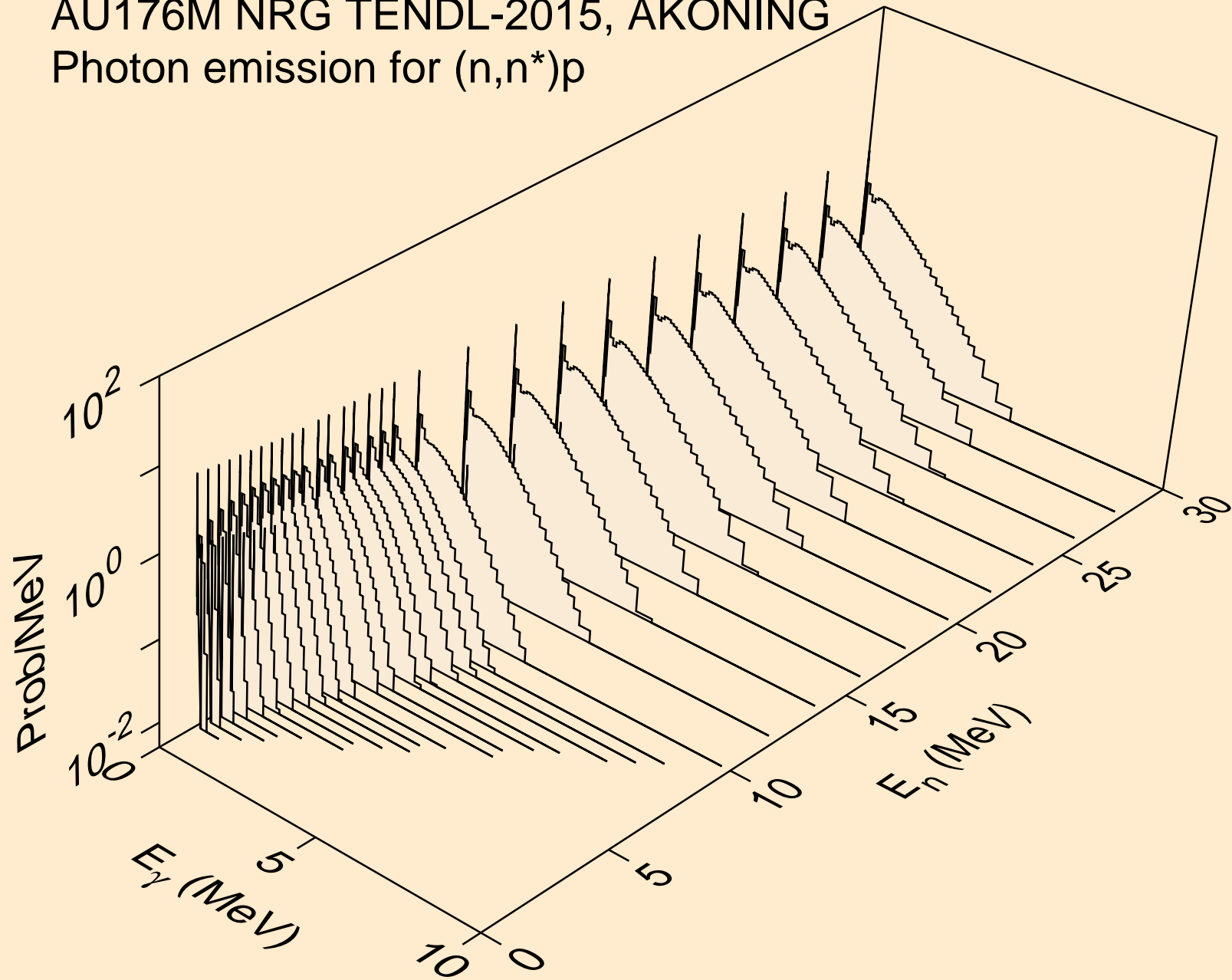




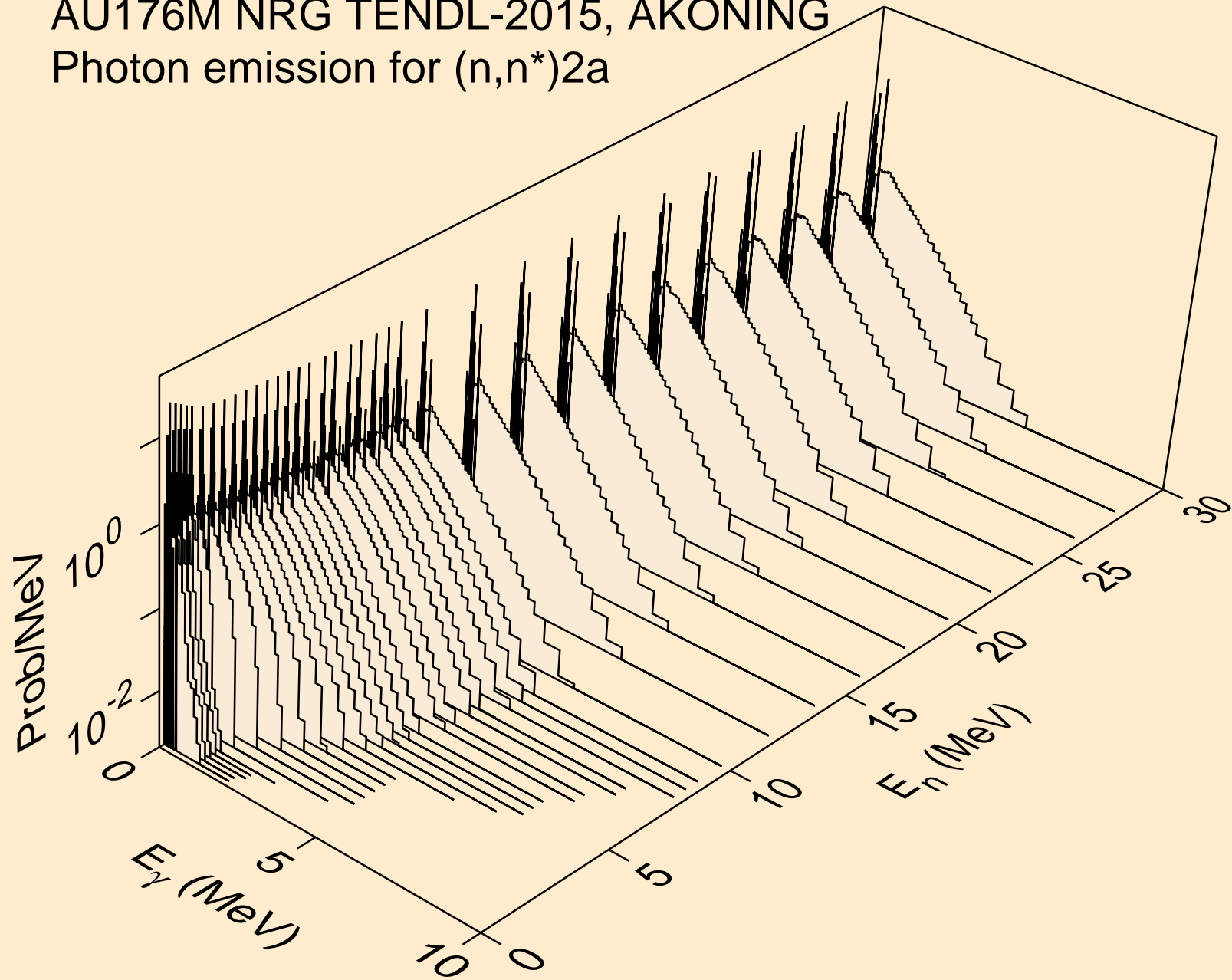
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



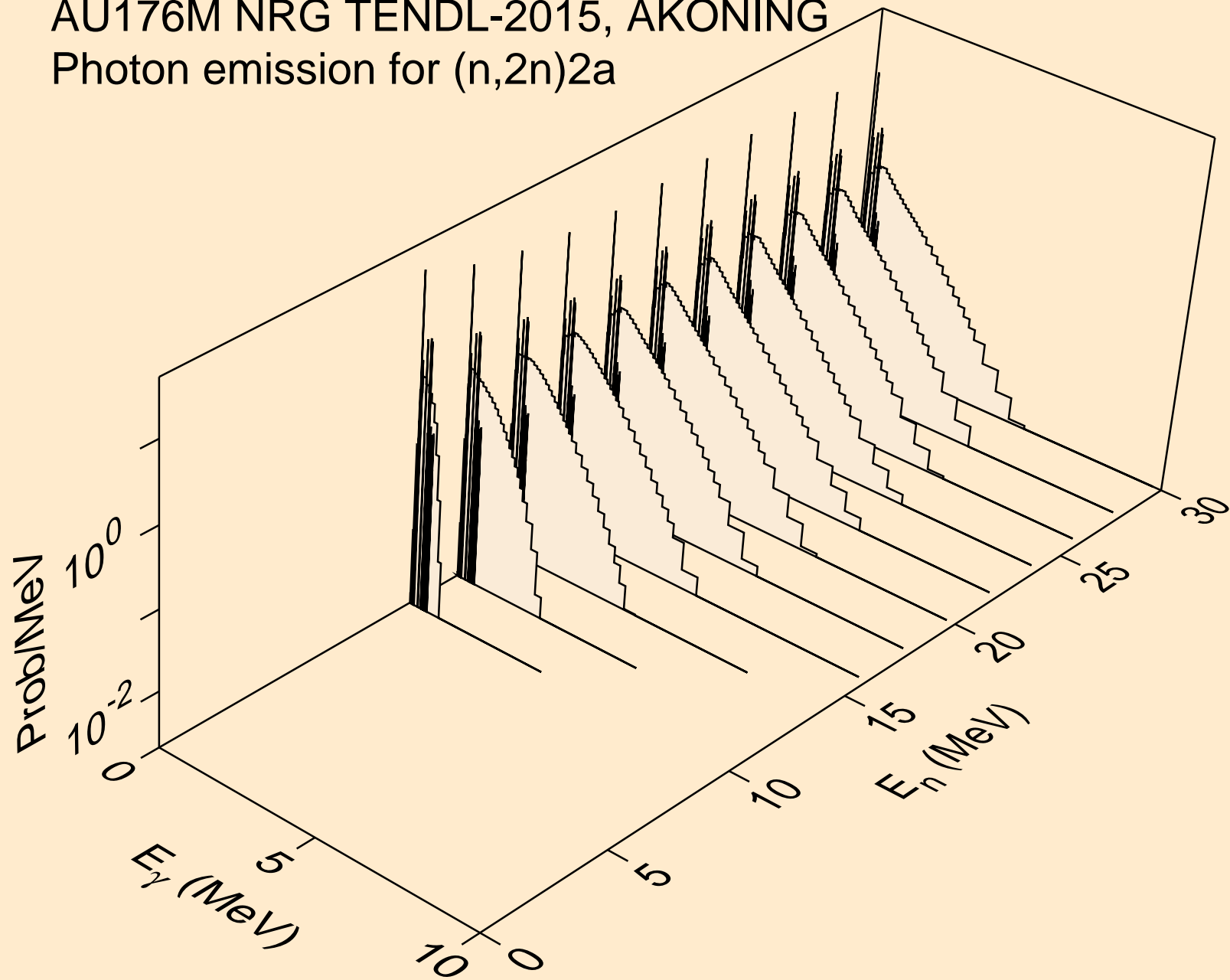
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



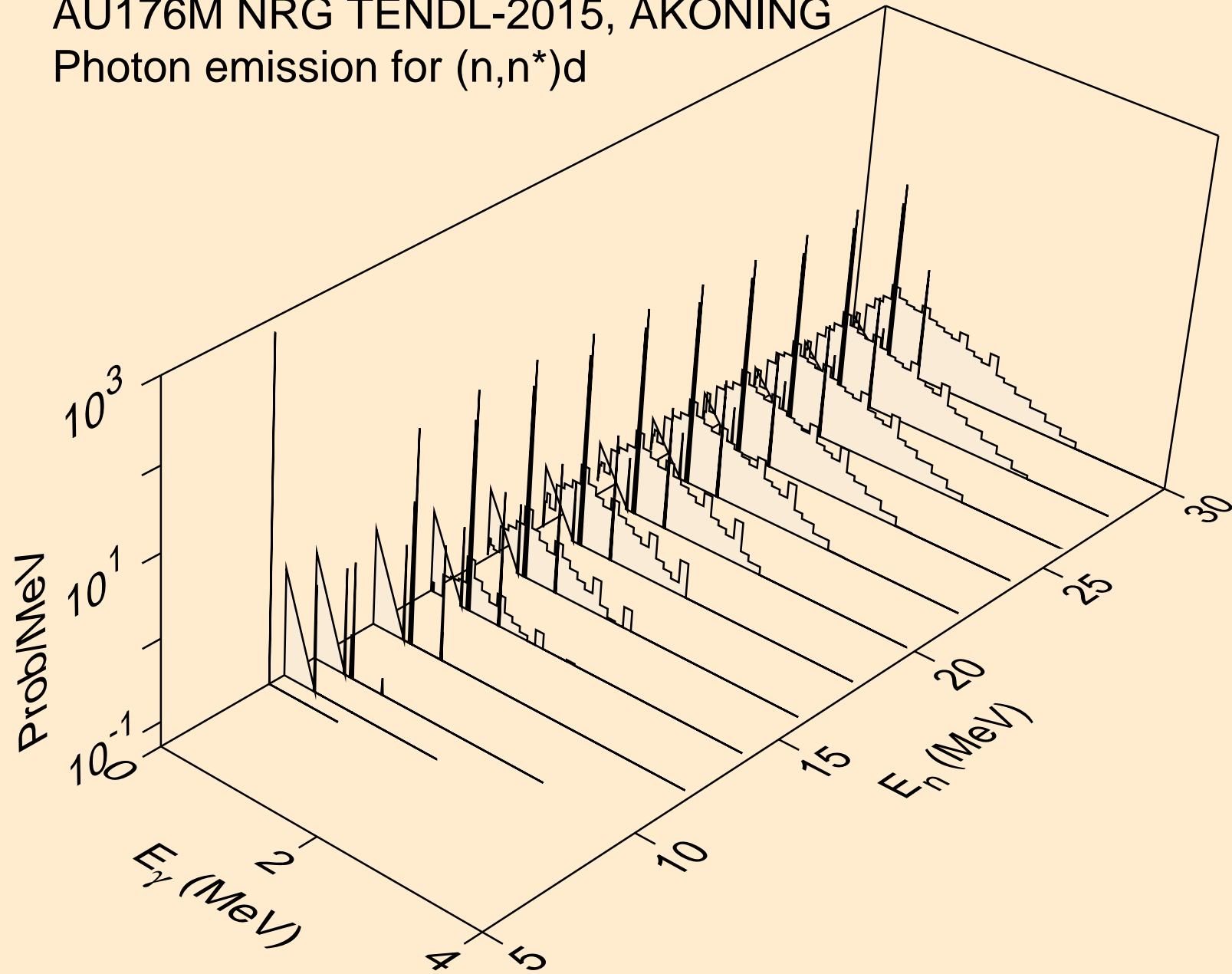
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



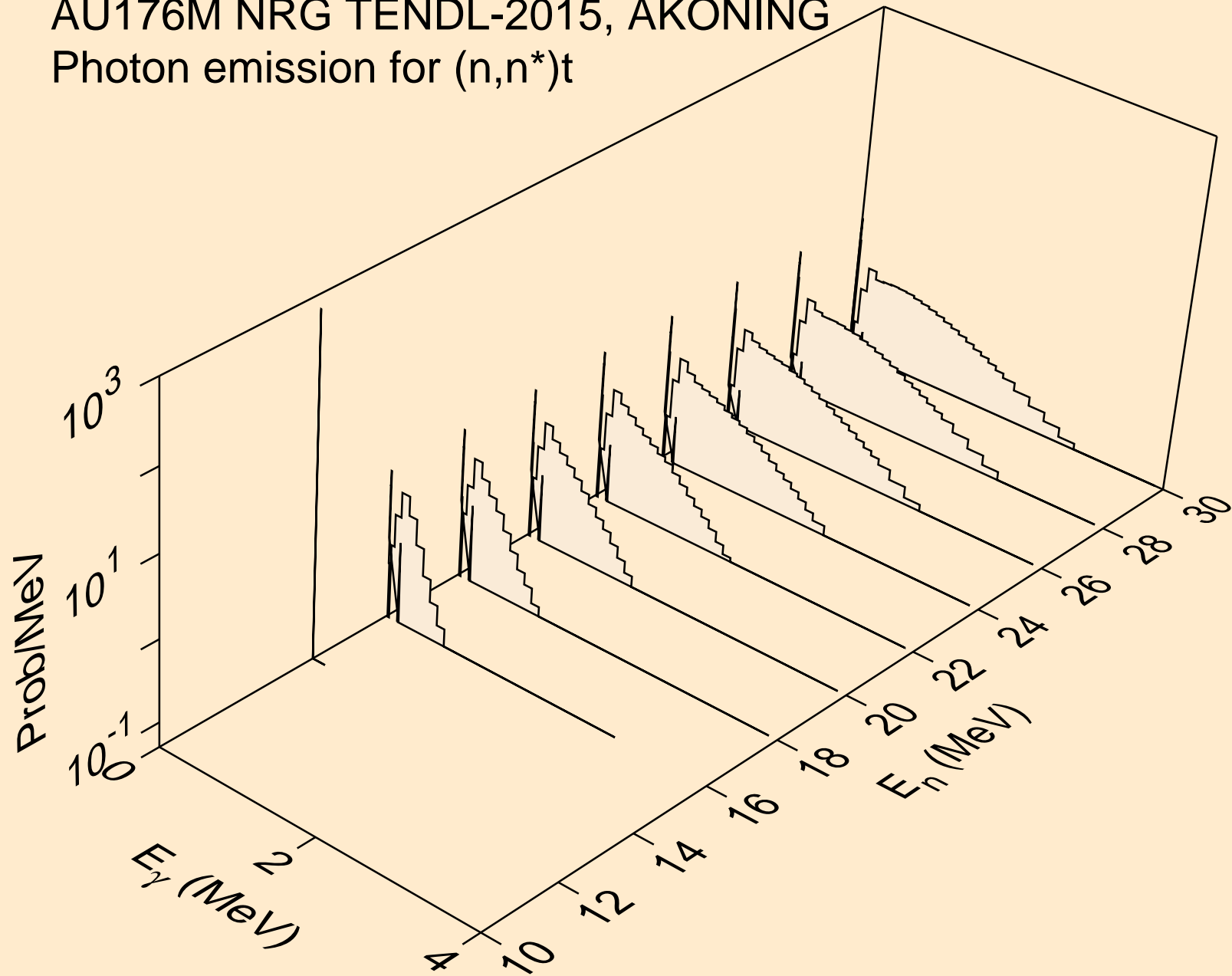
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



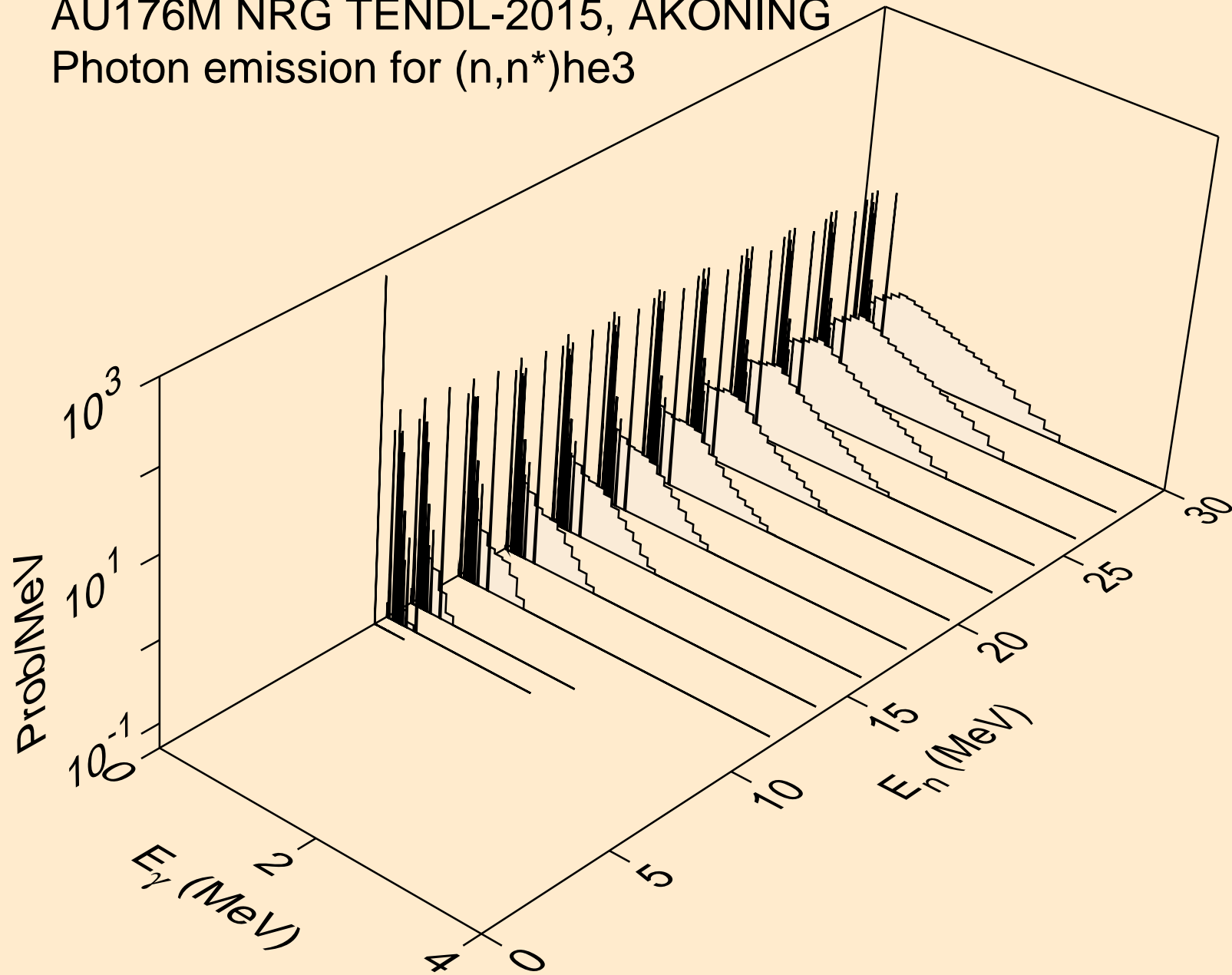
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



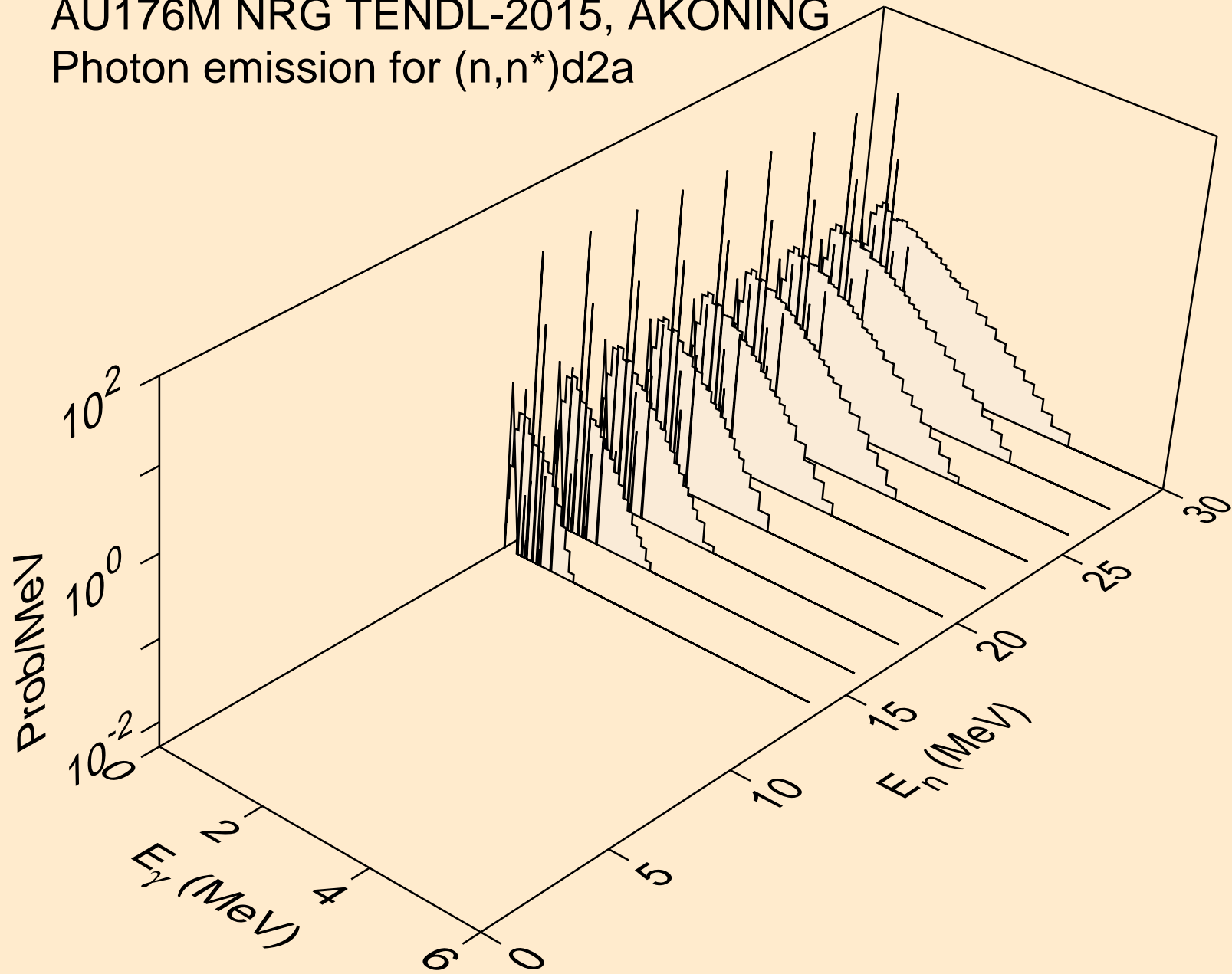
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

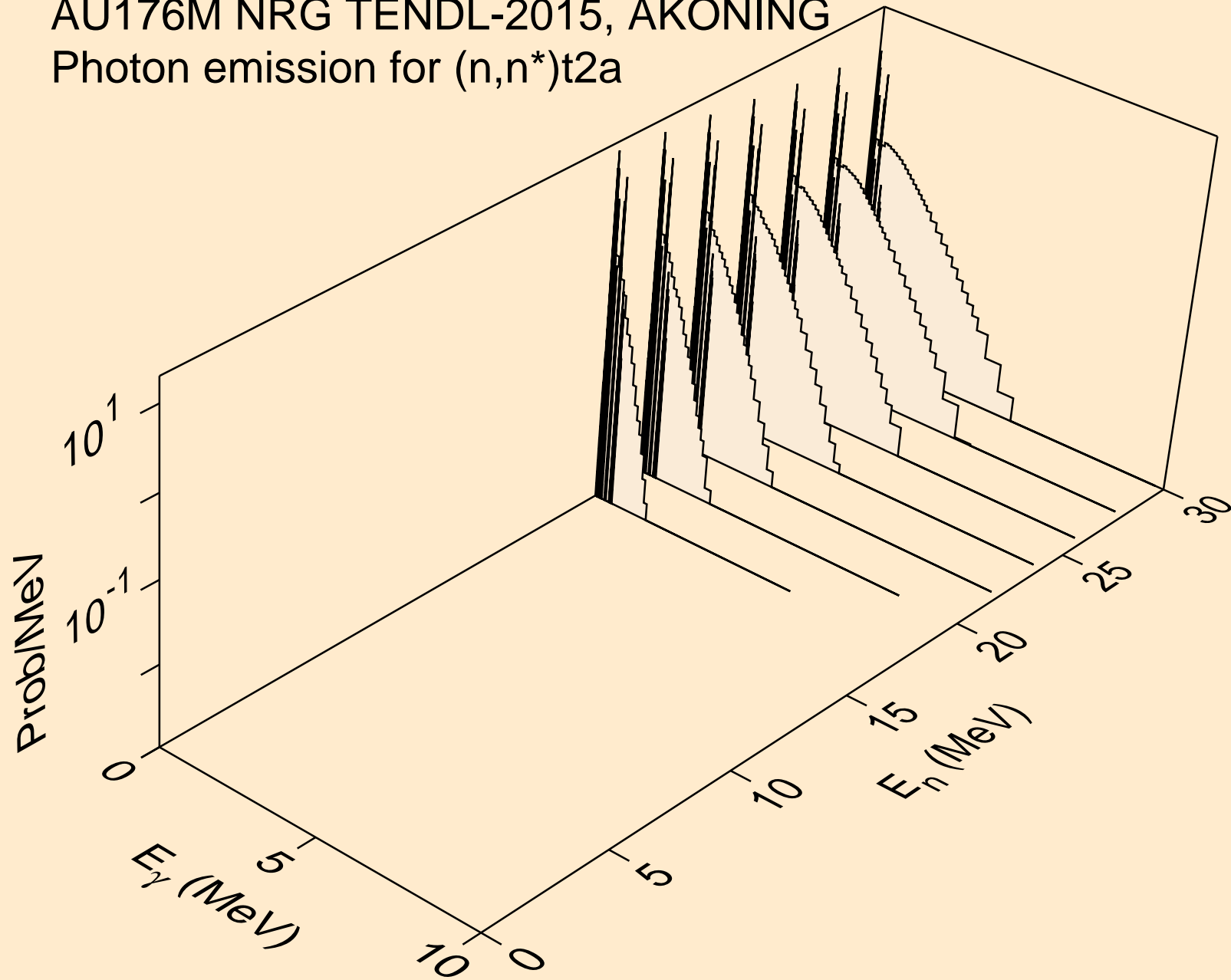


AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a

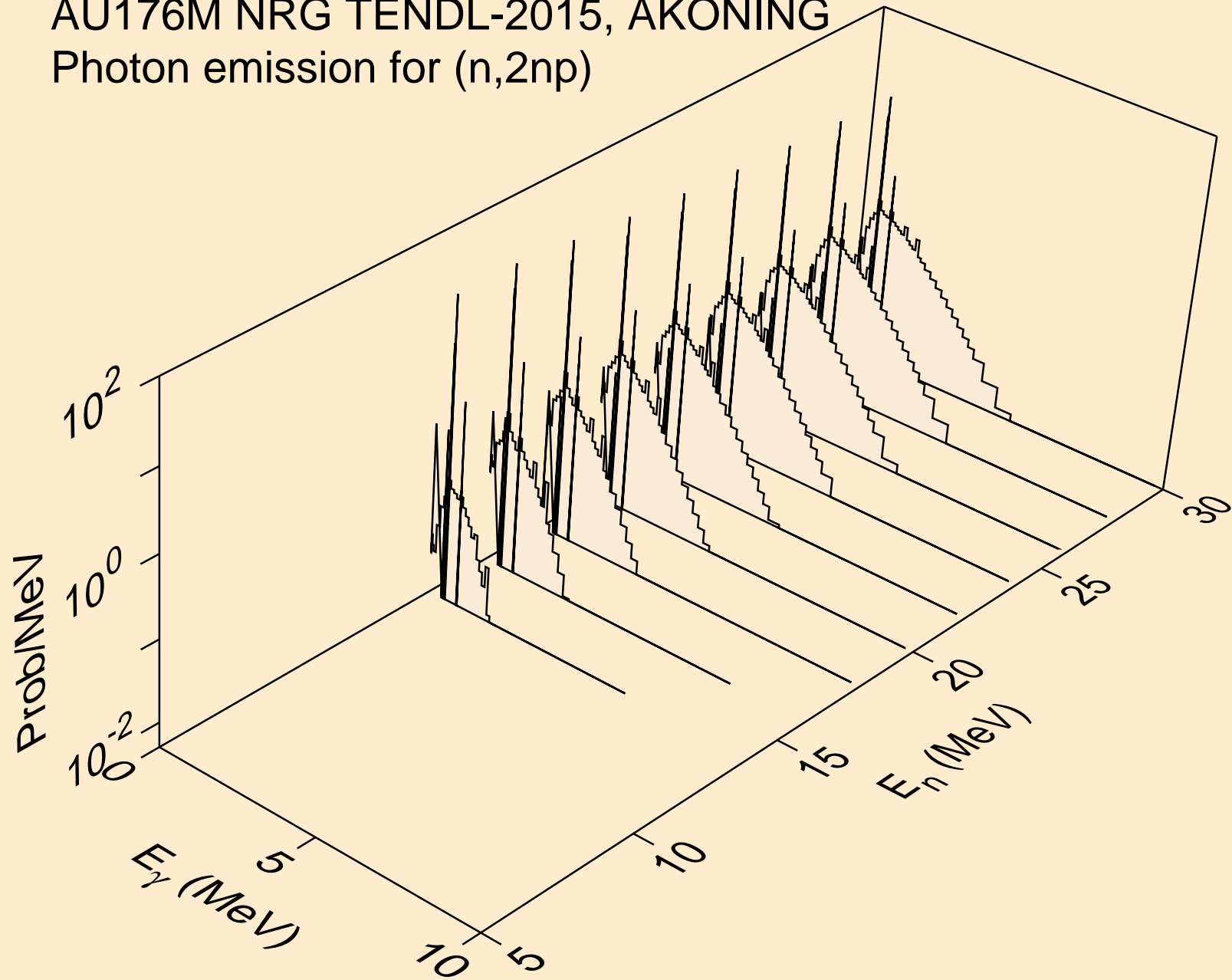




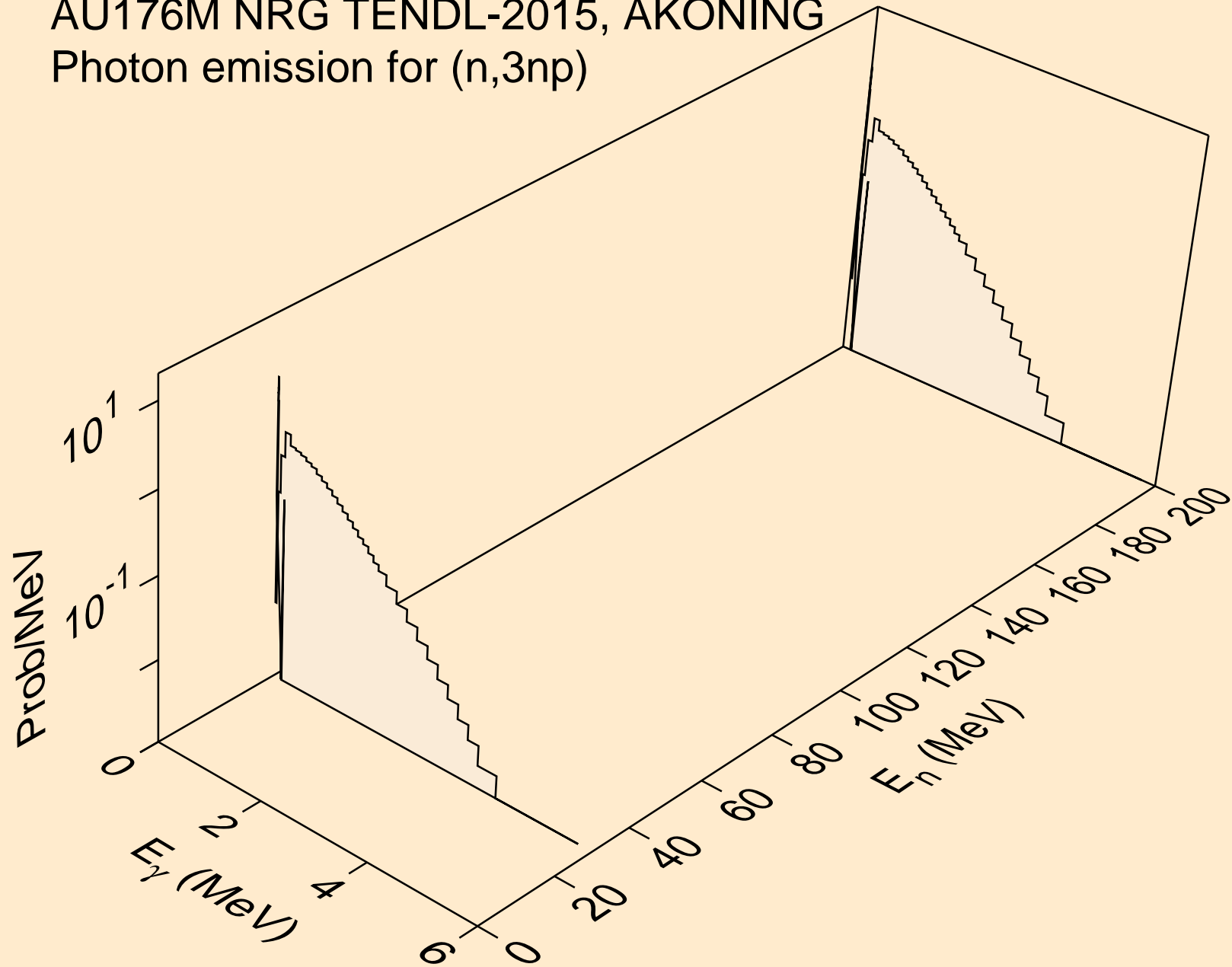
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



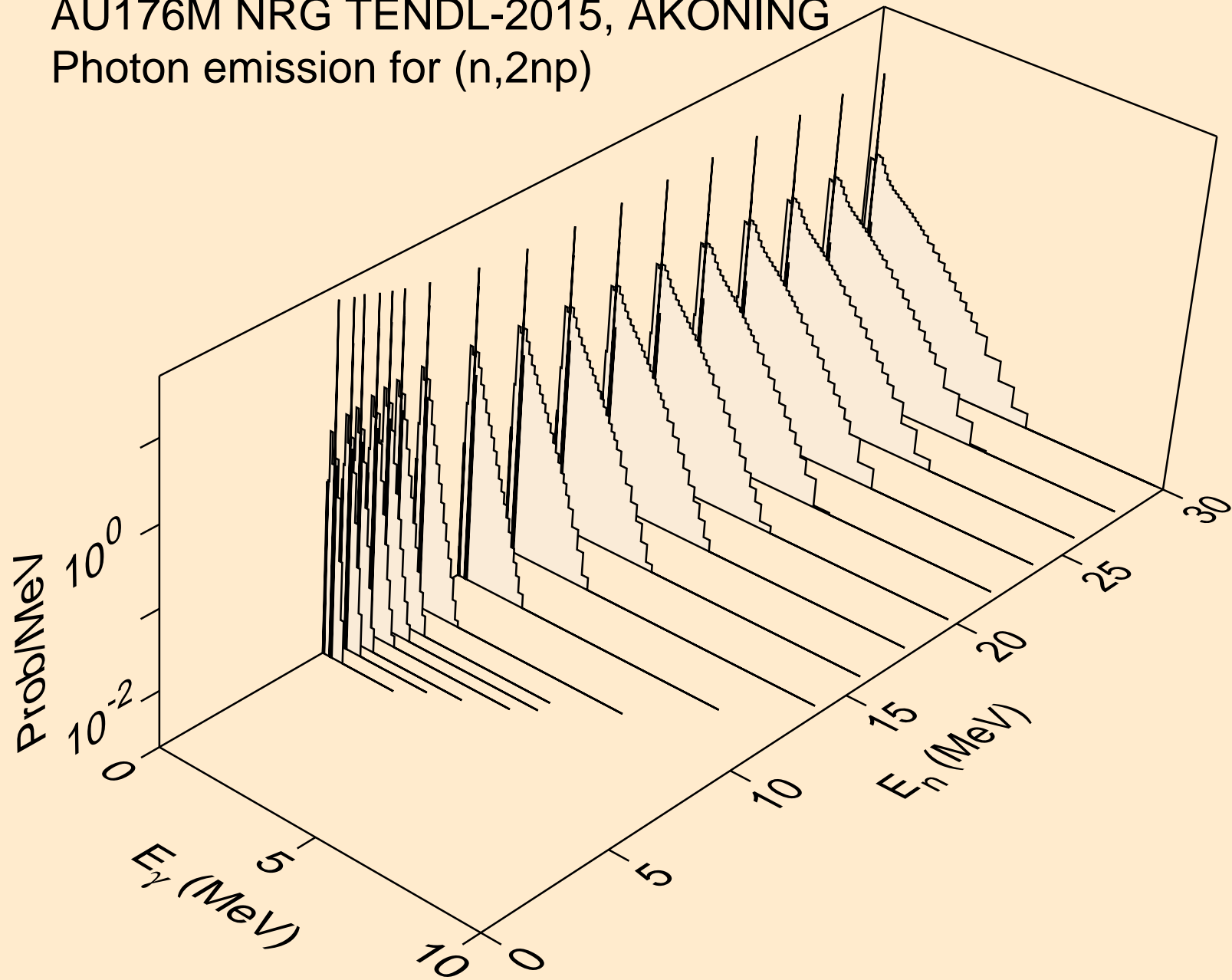
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



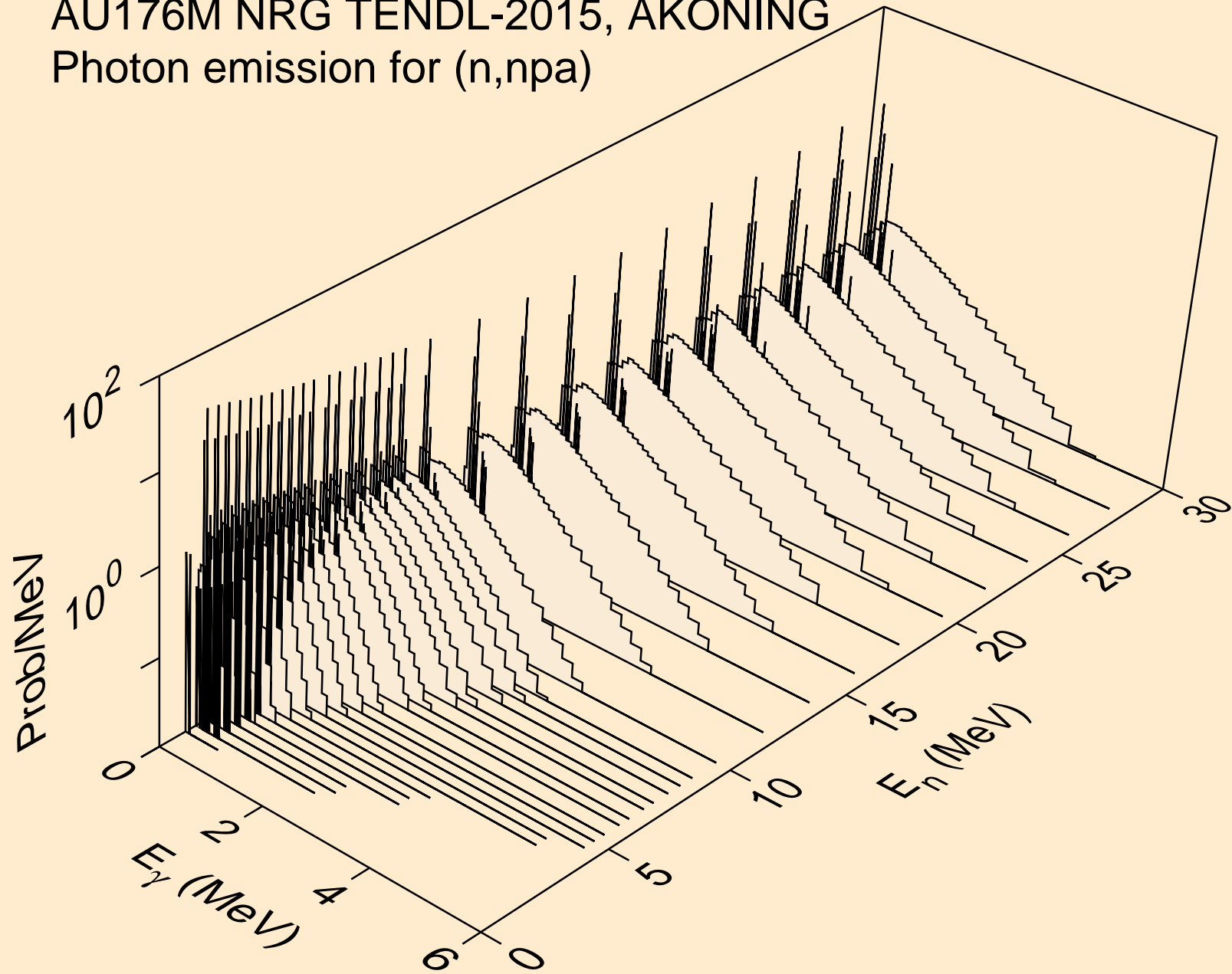
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



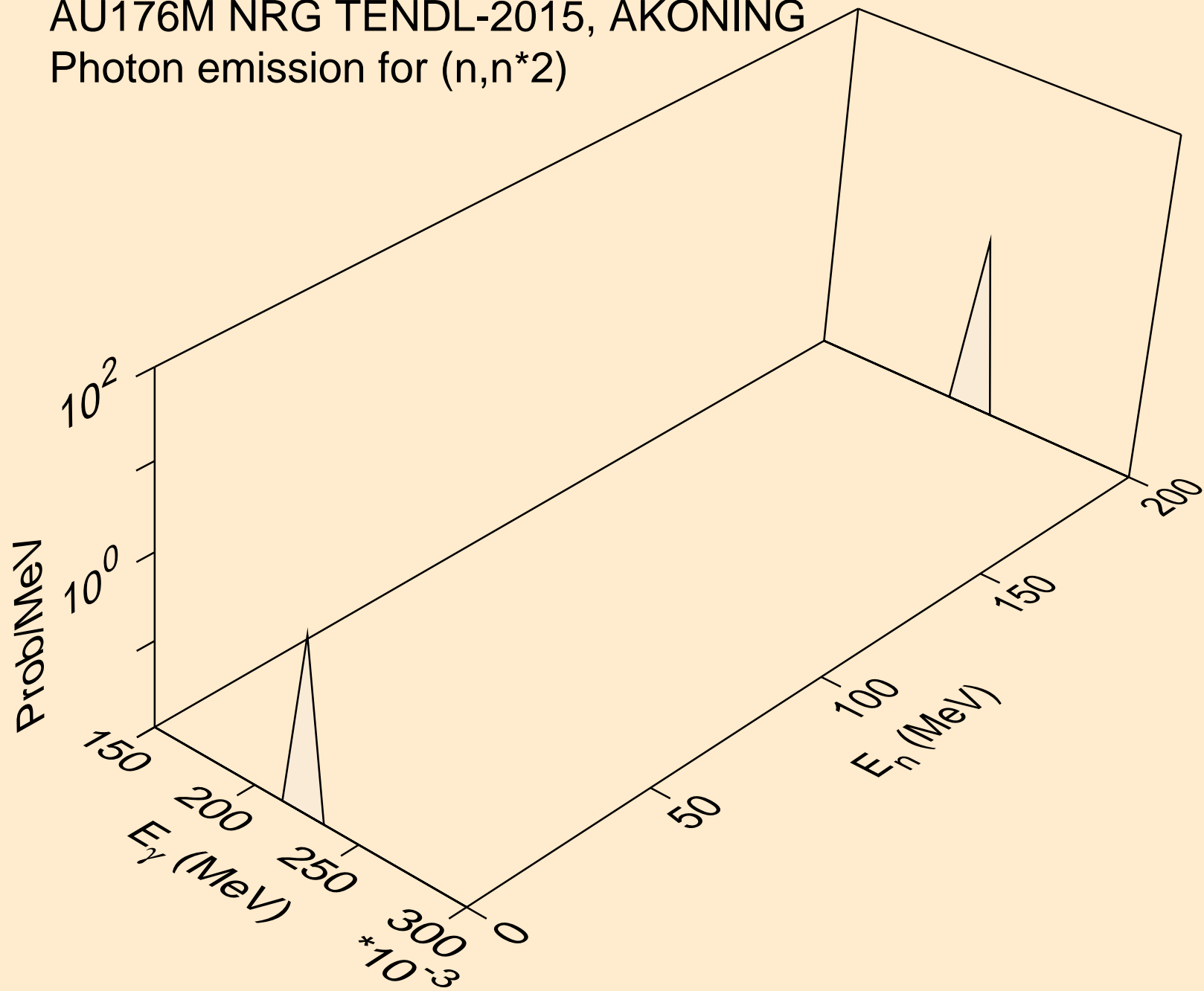
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



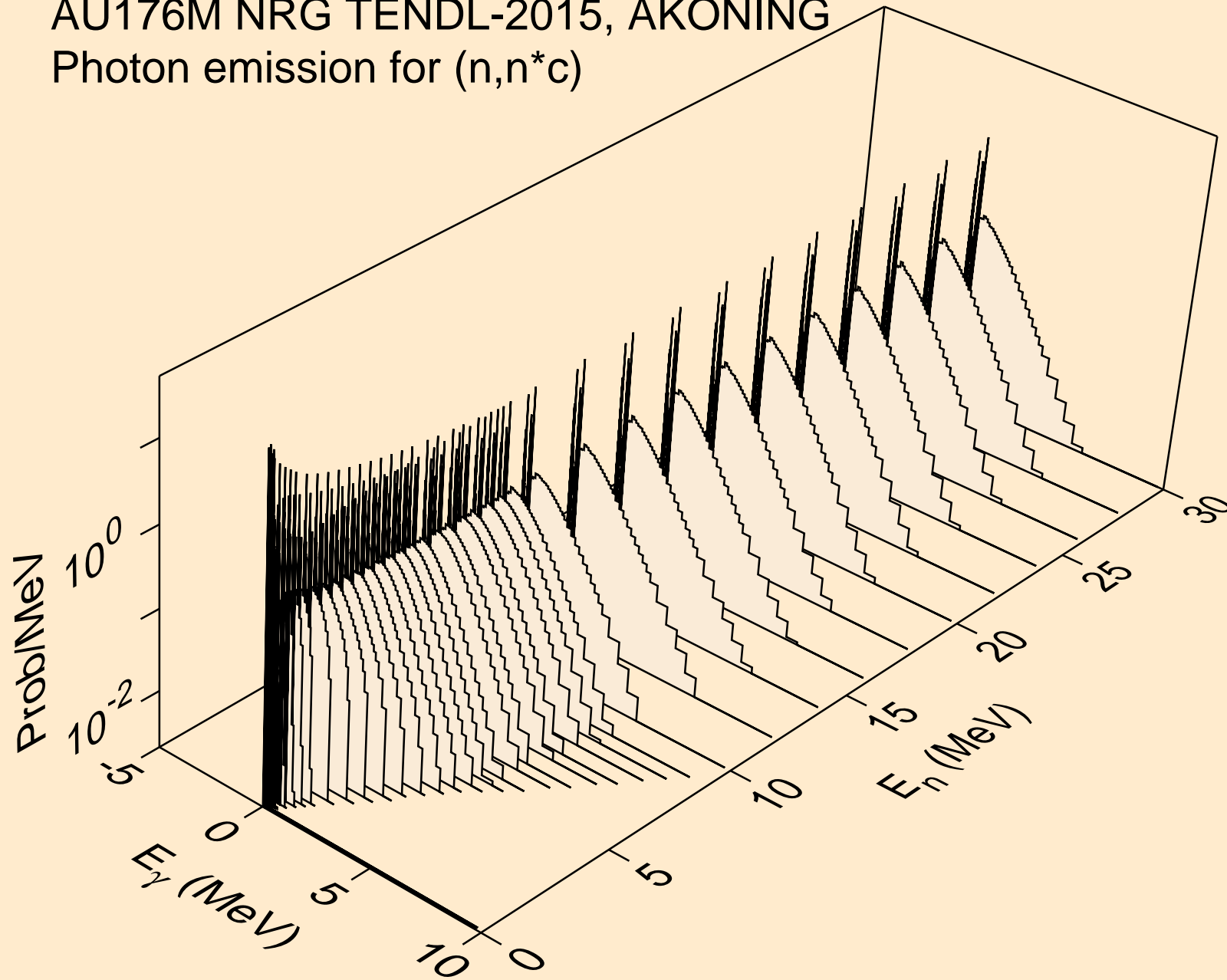
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



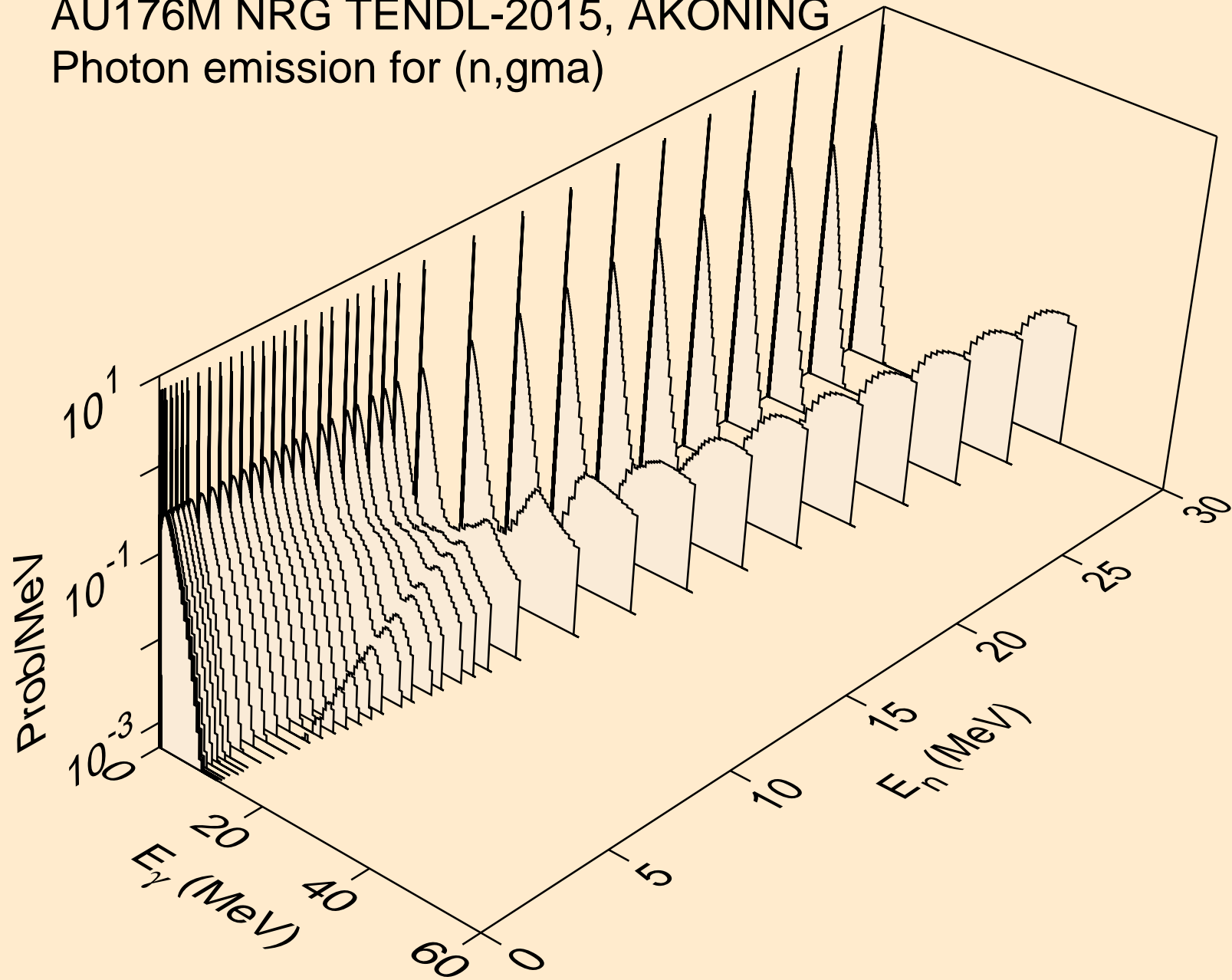
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

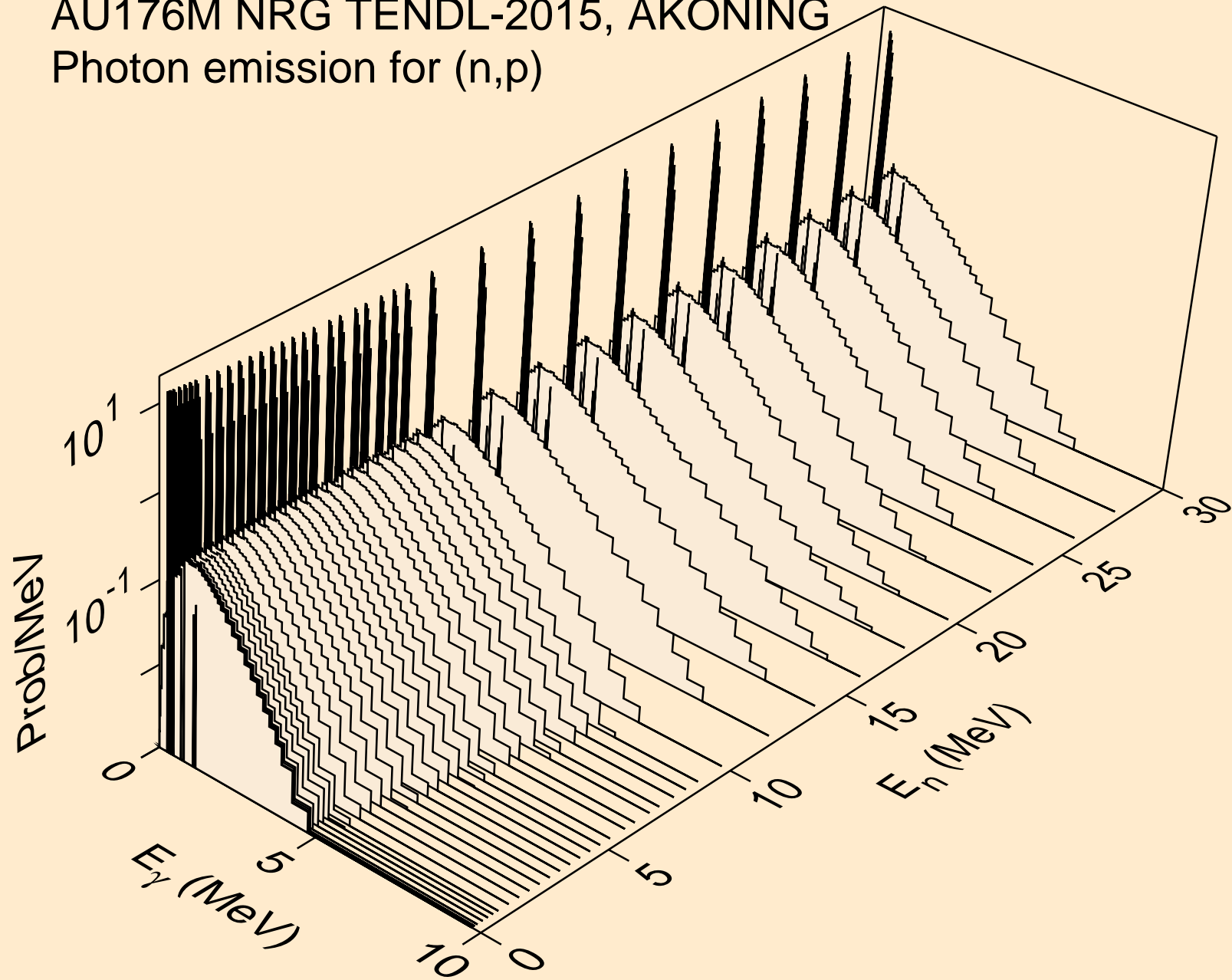


AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

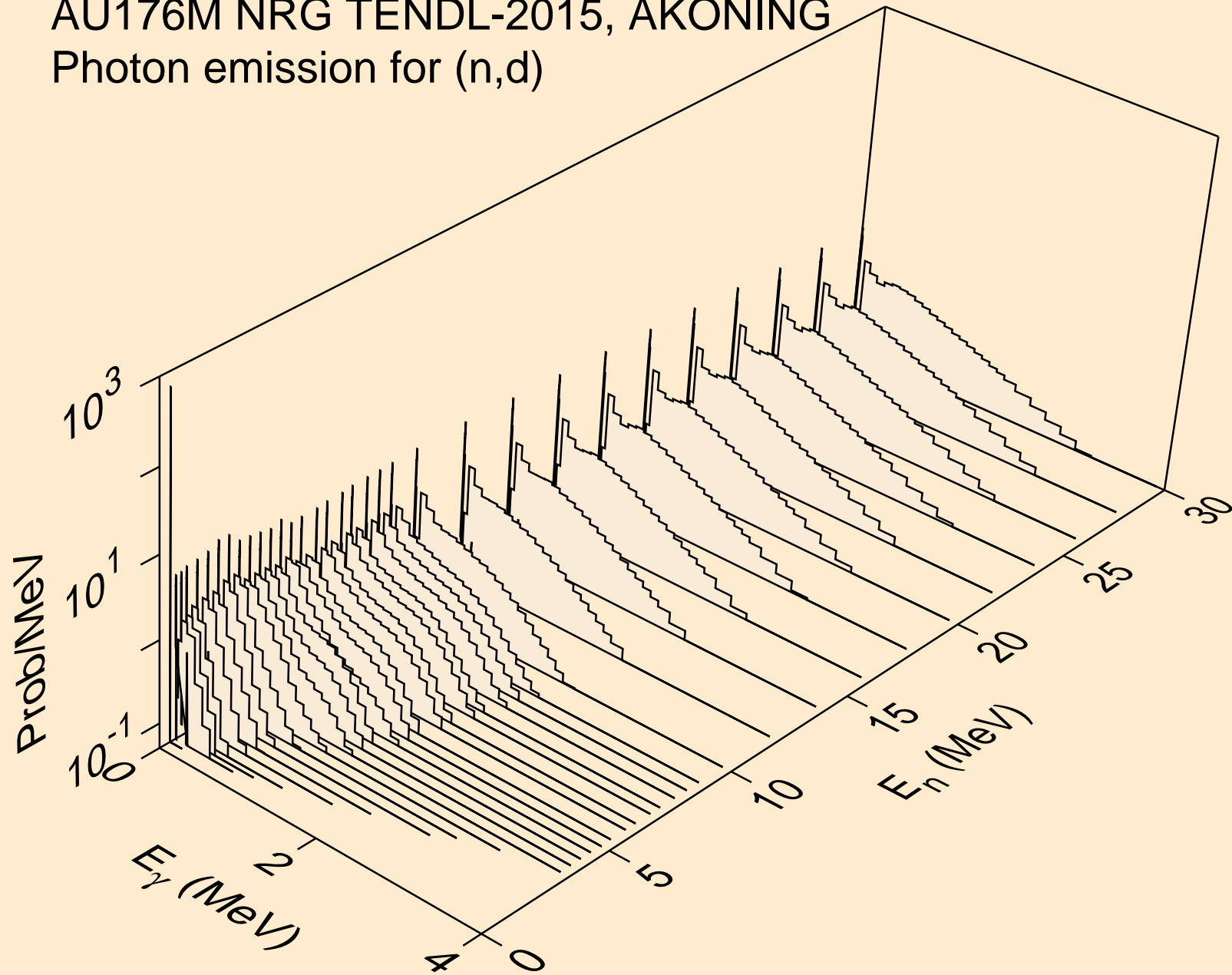




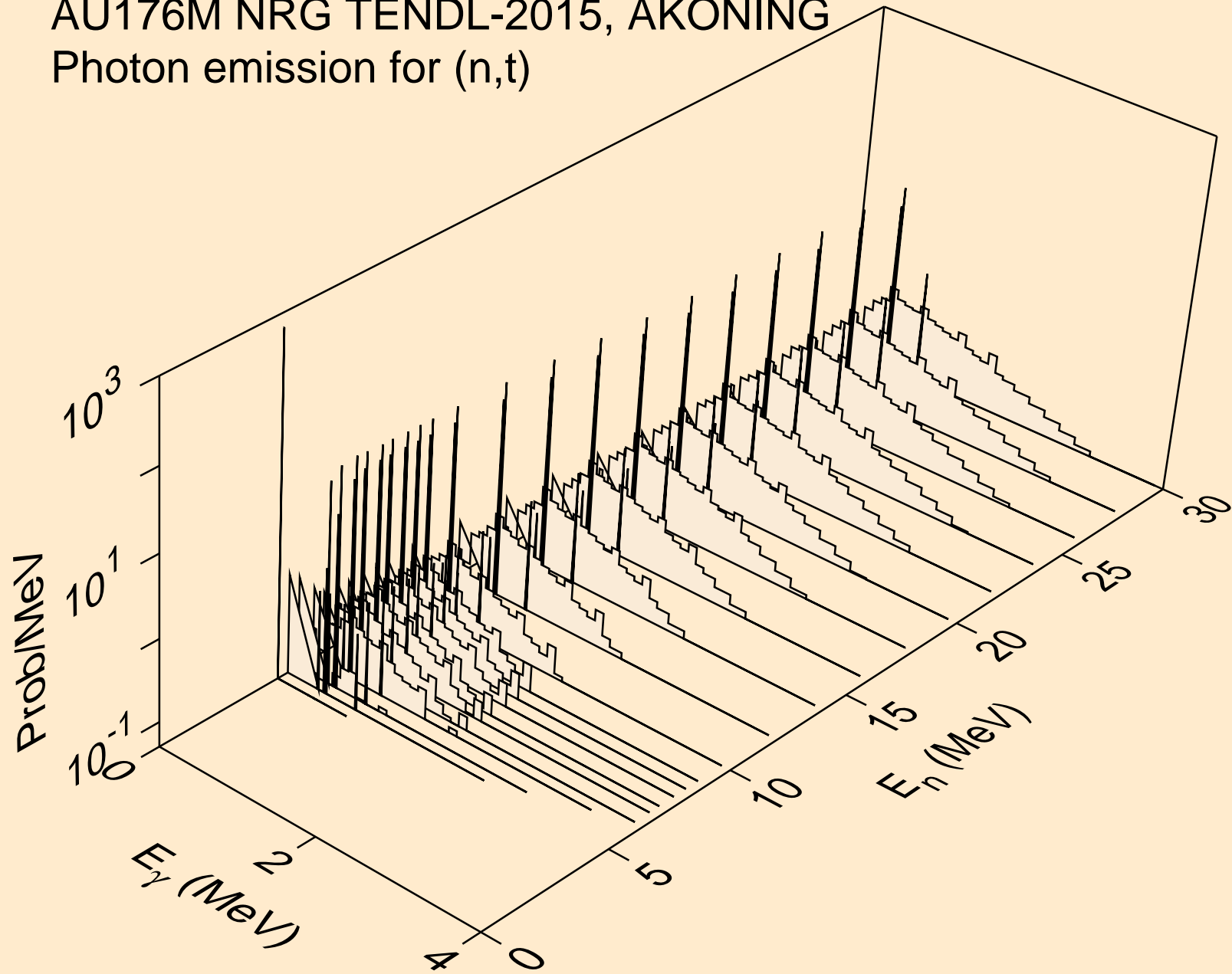
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



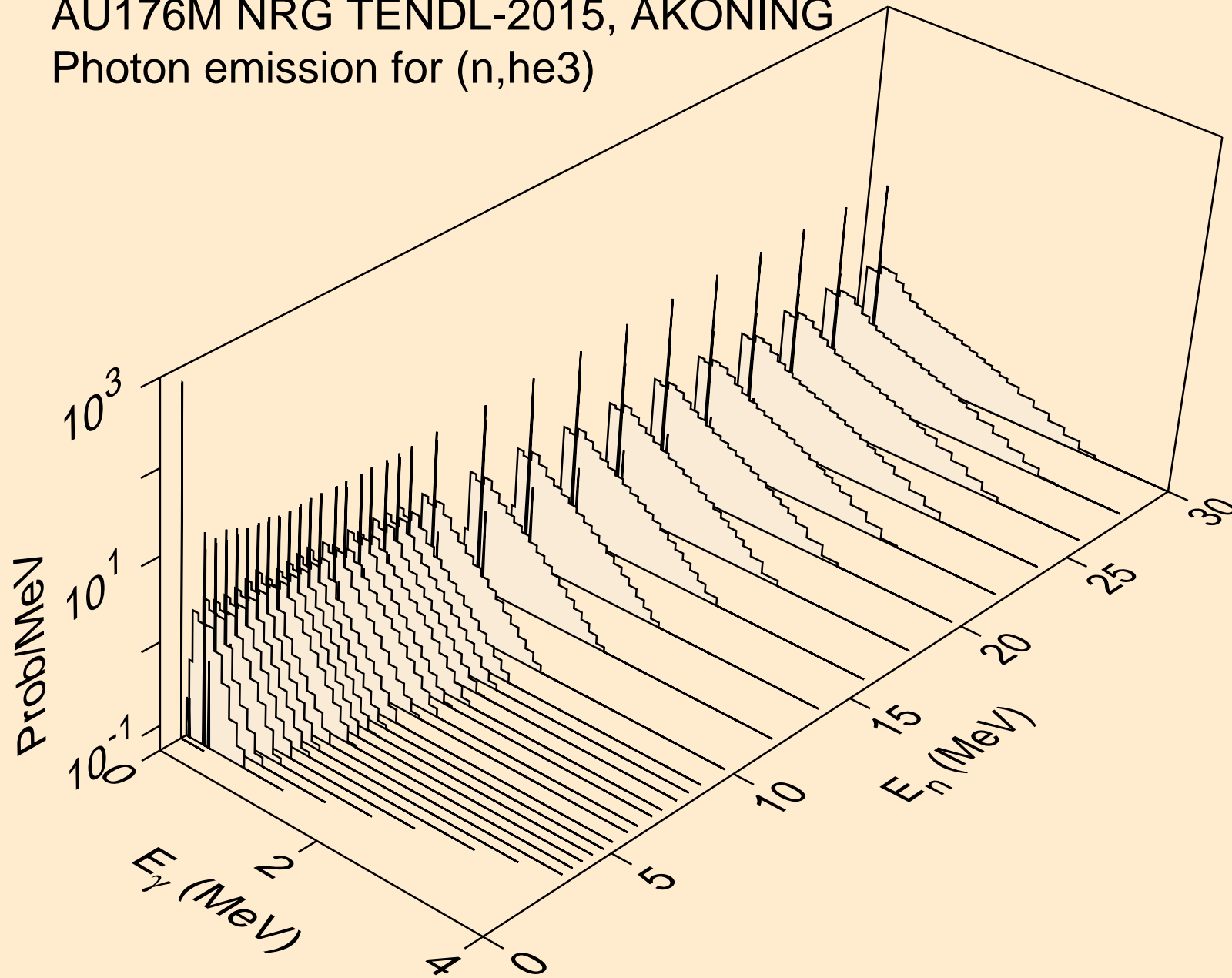
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



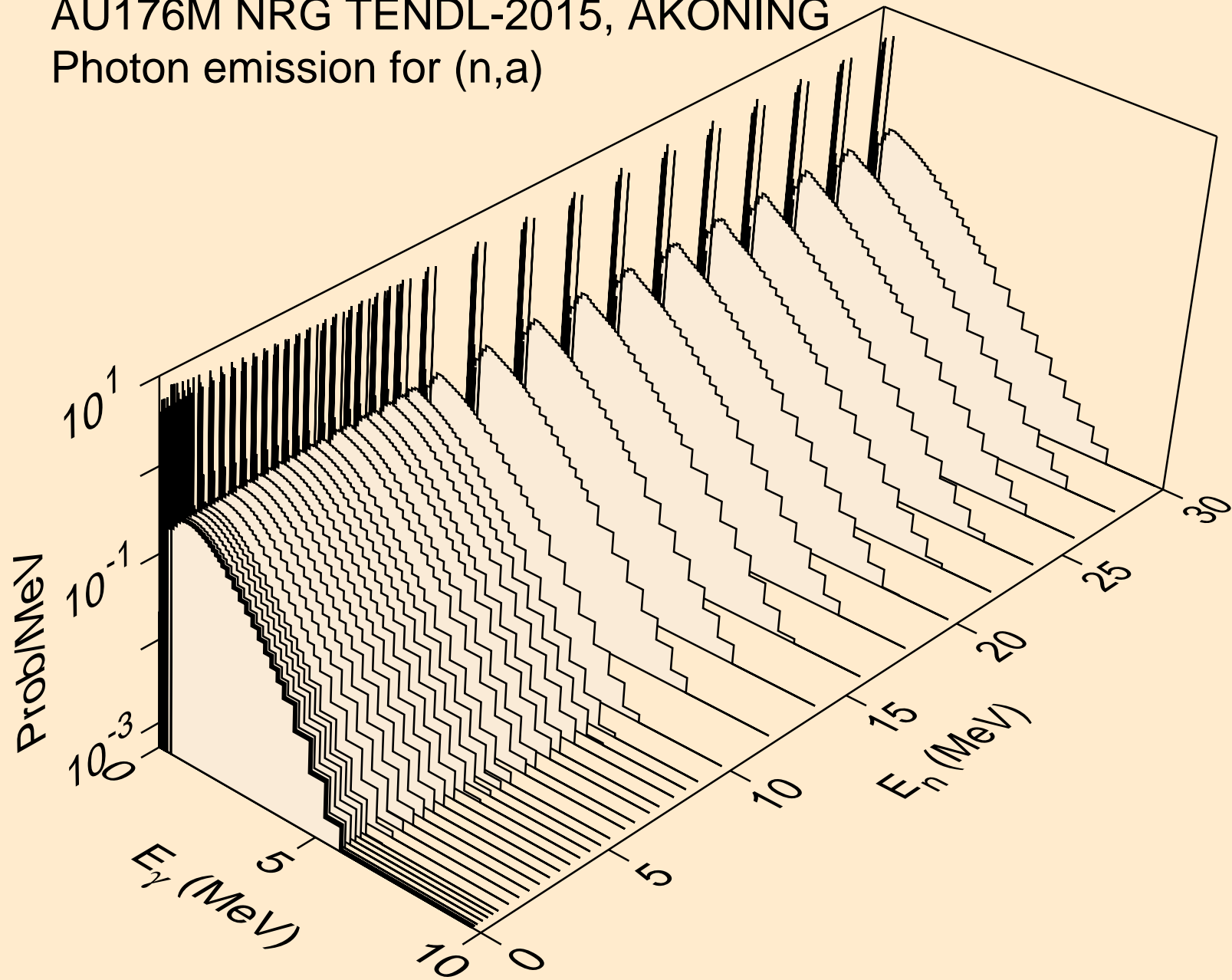
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,t)



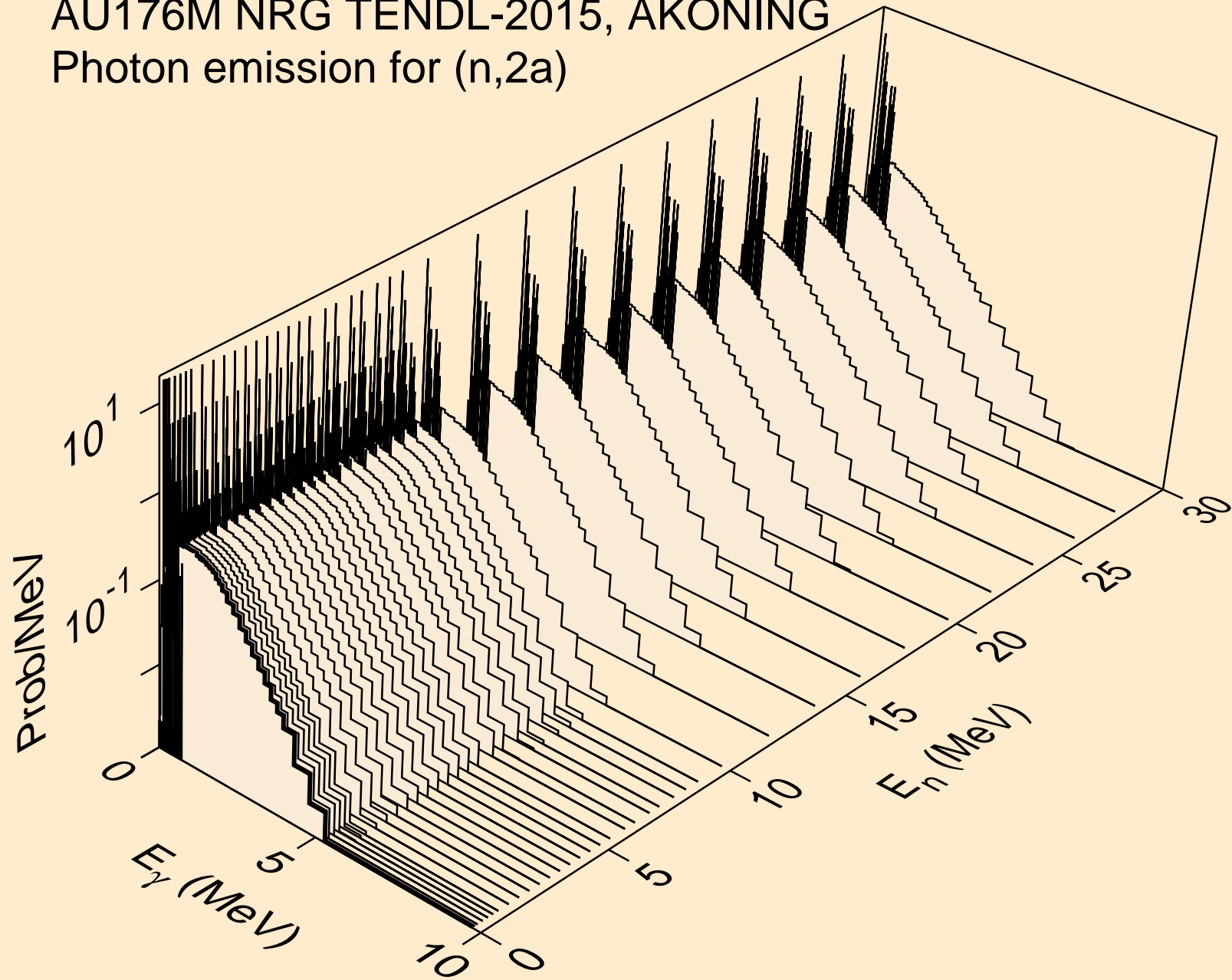
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



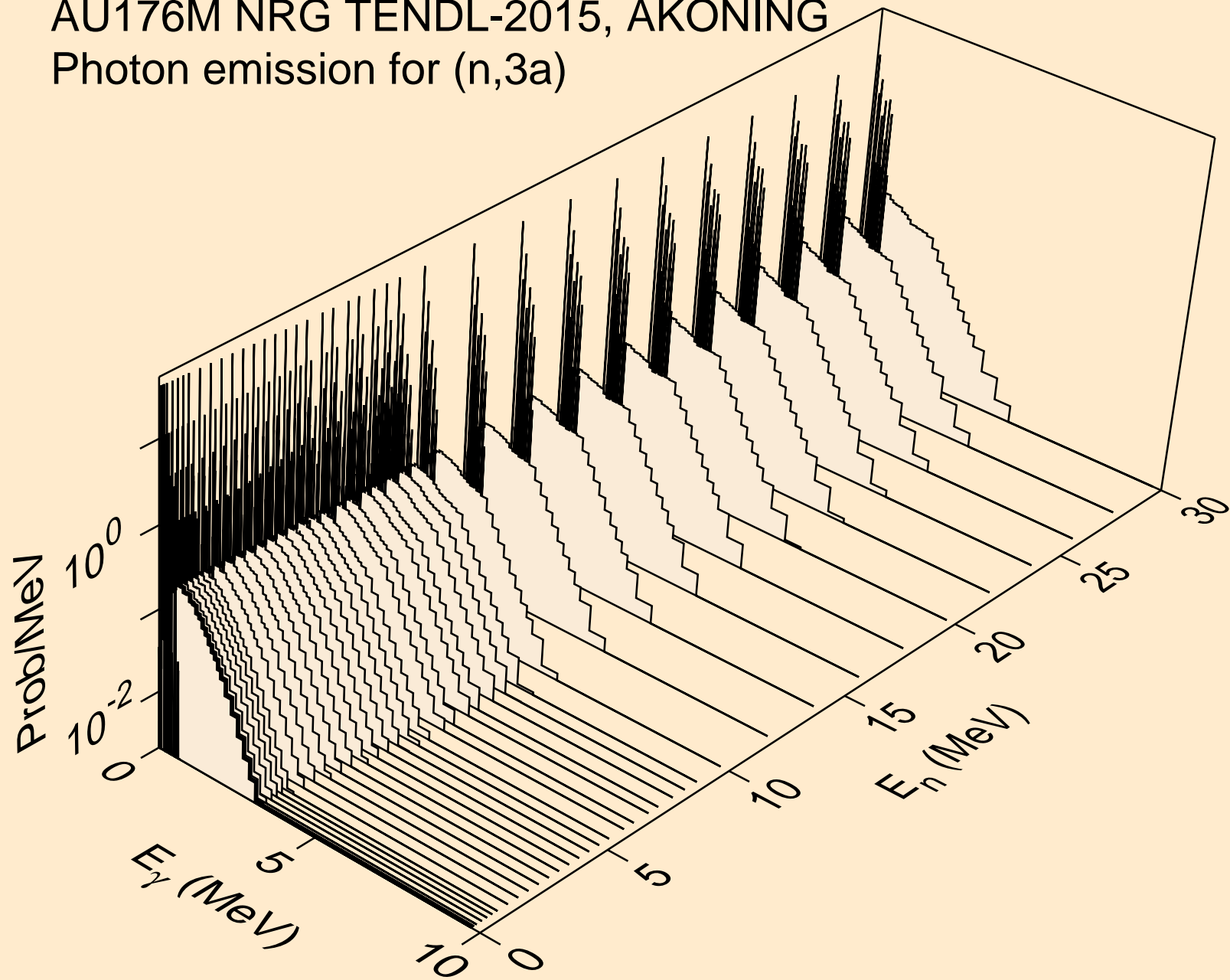
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,a)



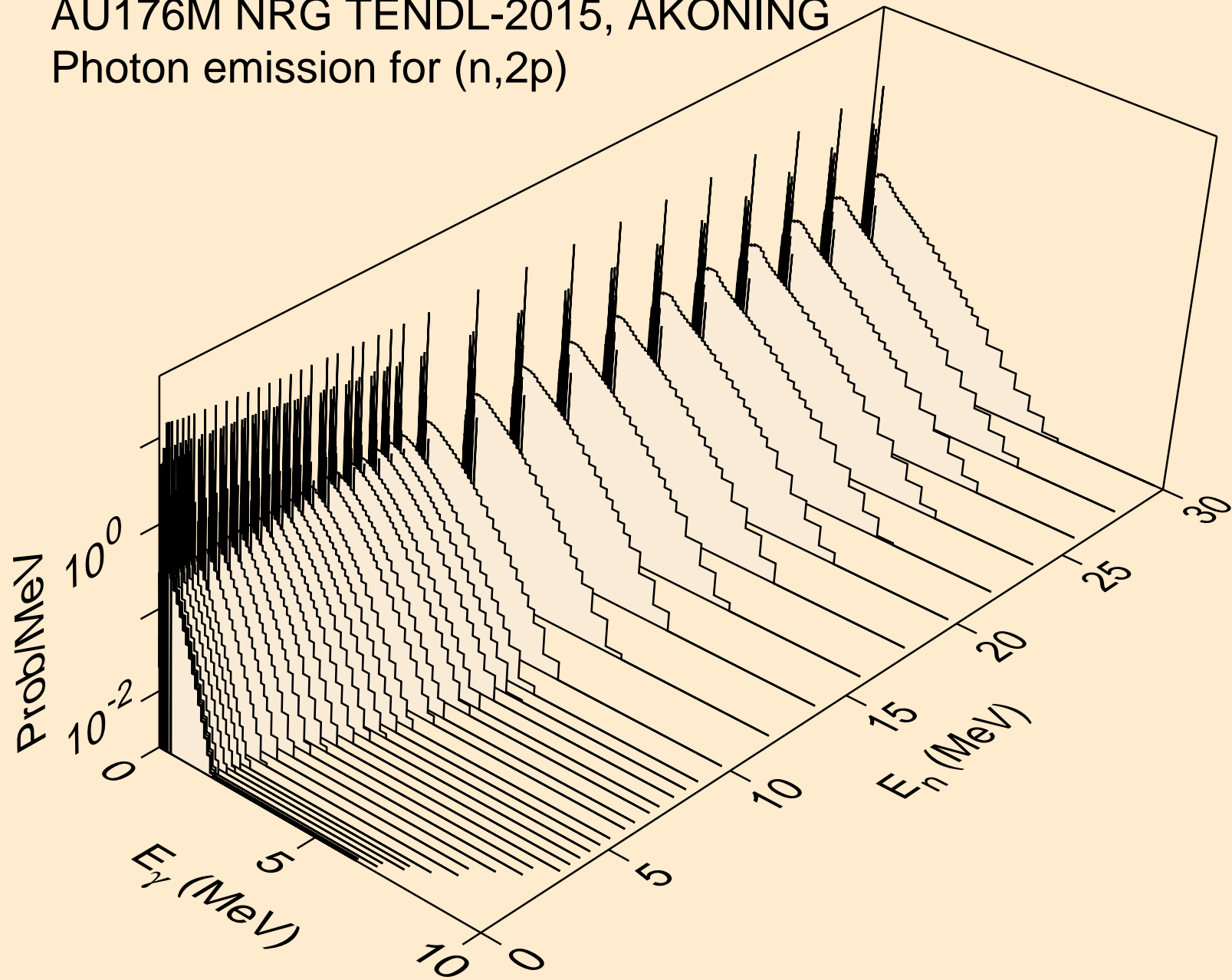
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

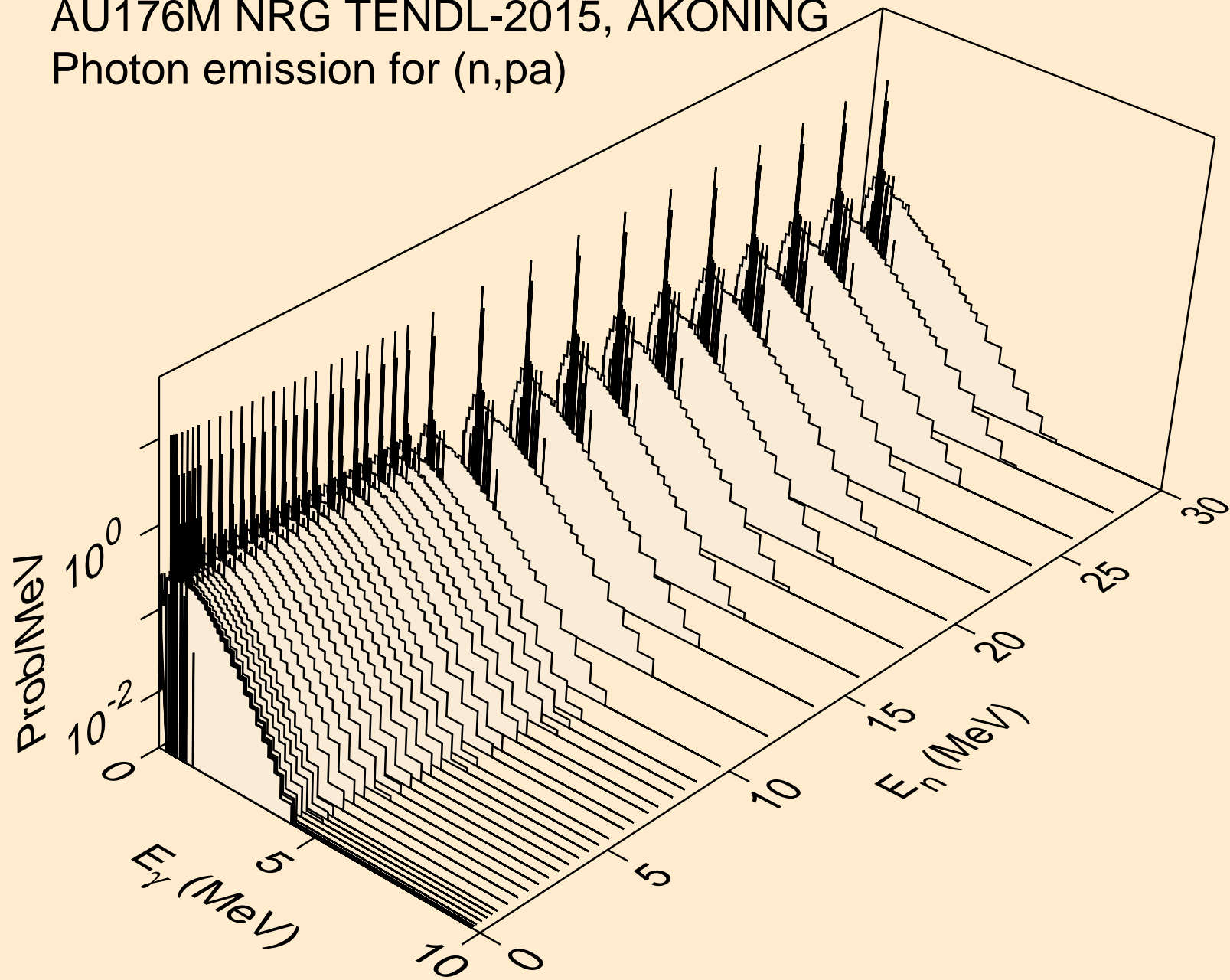


AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

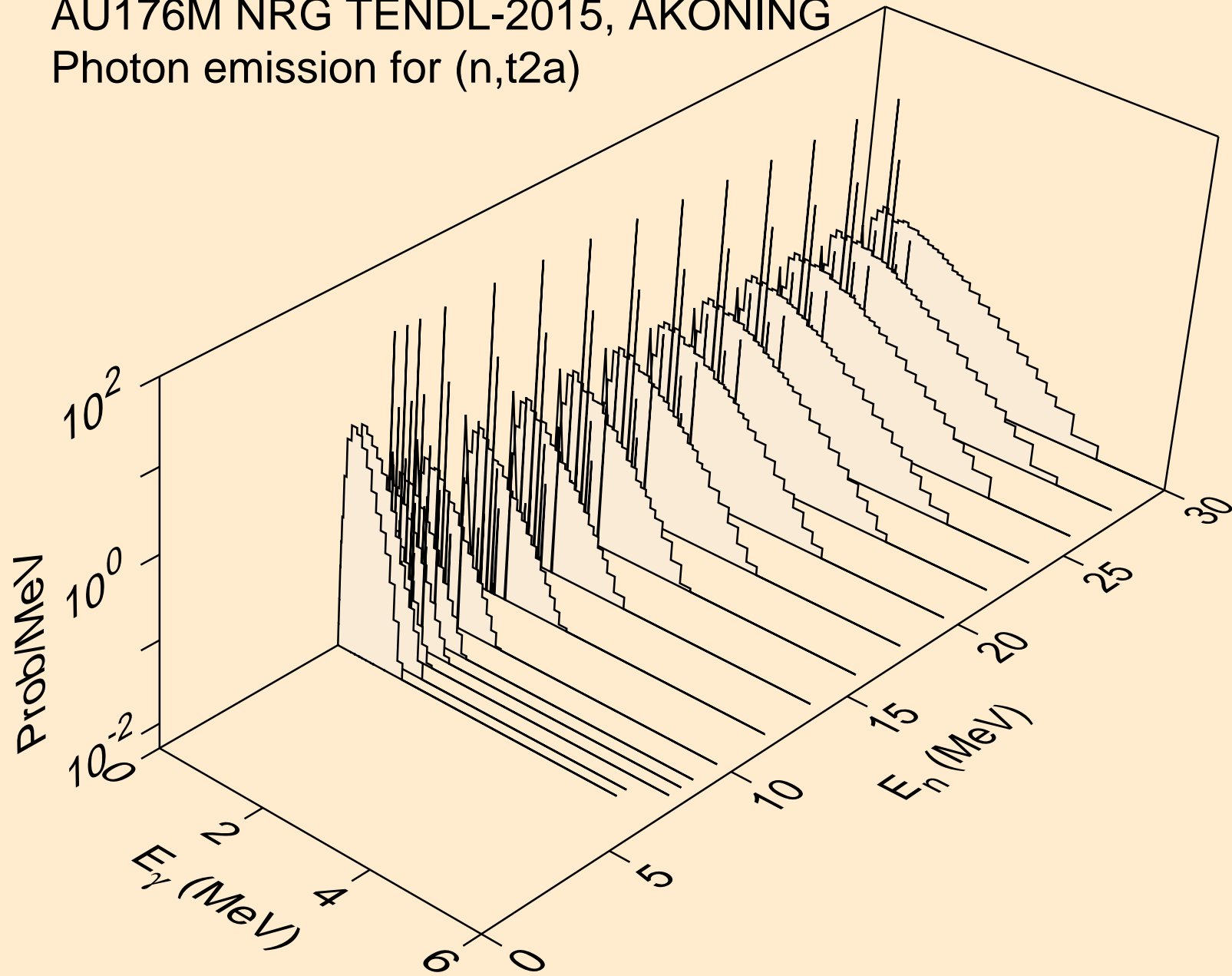




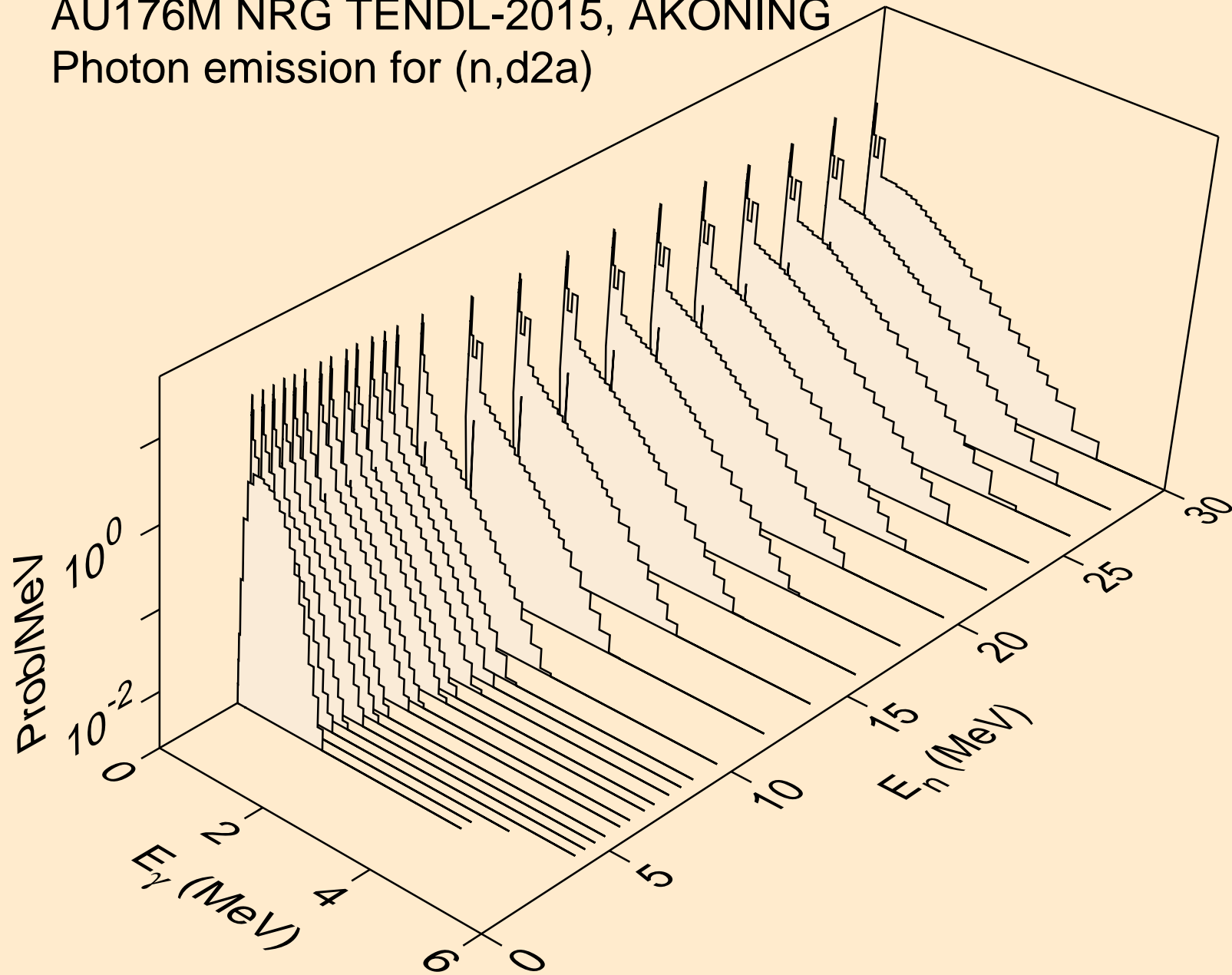
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



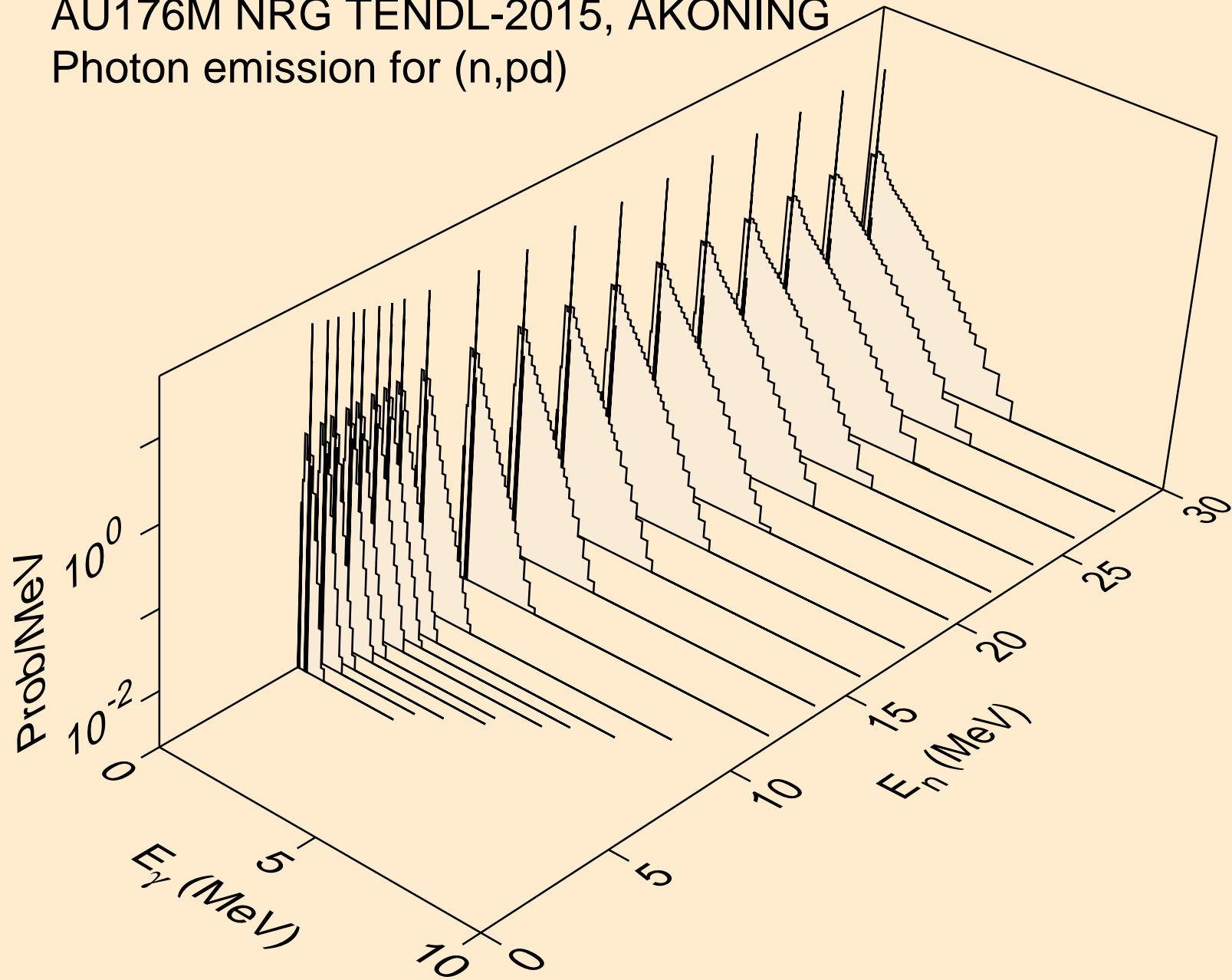
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



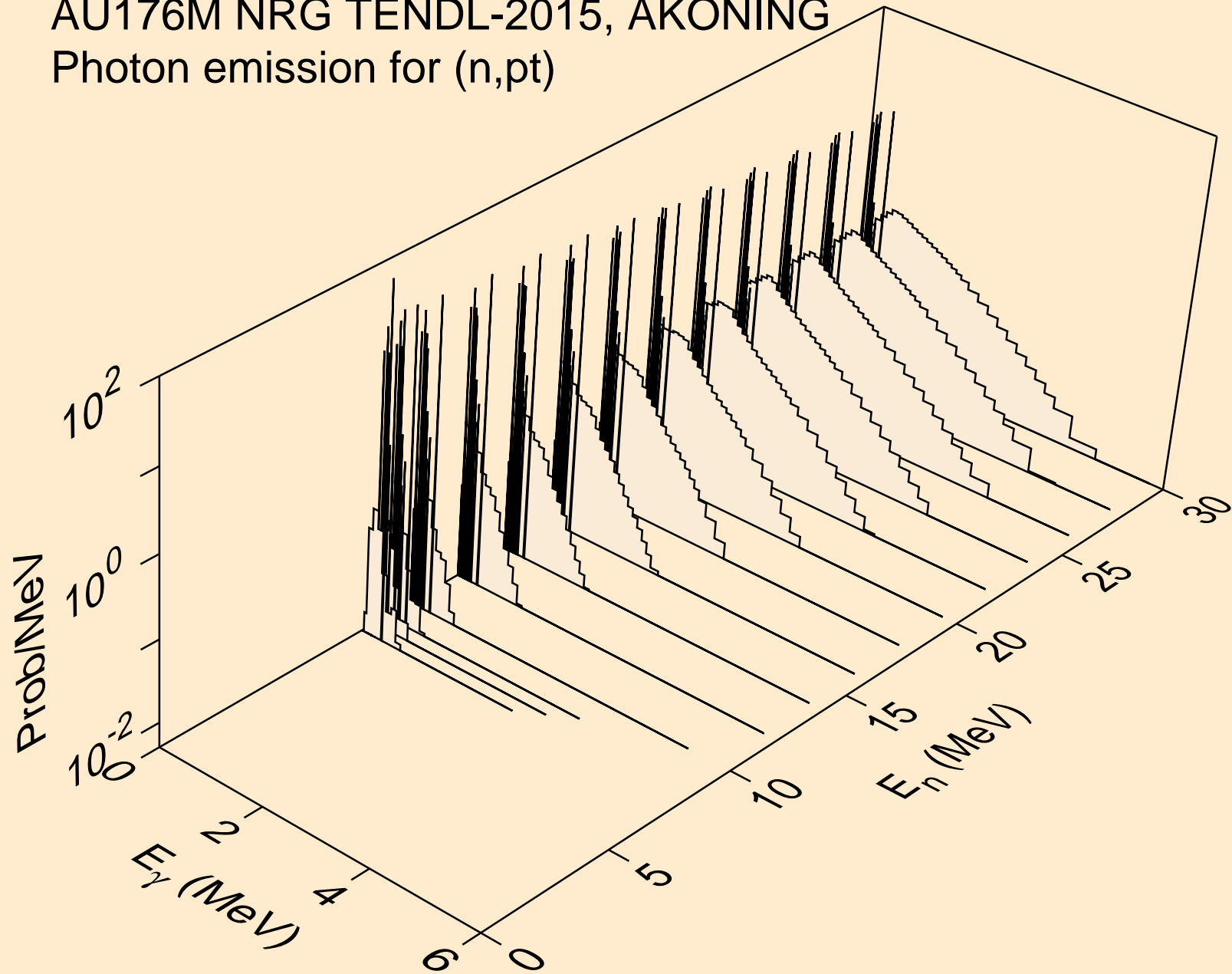
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



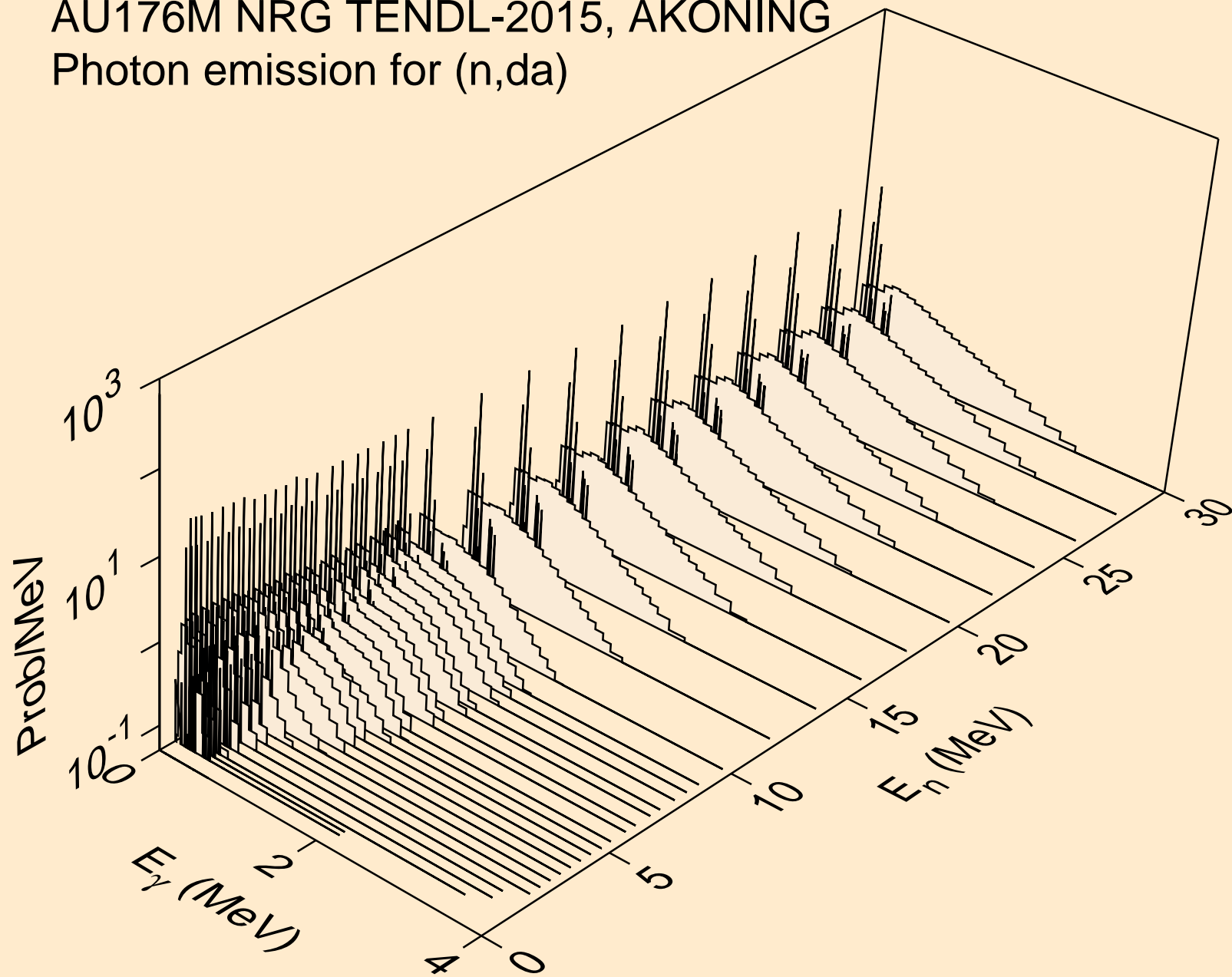
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



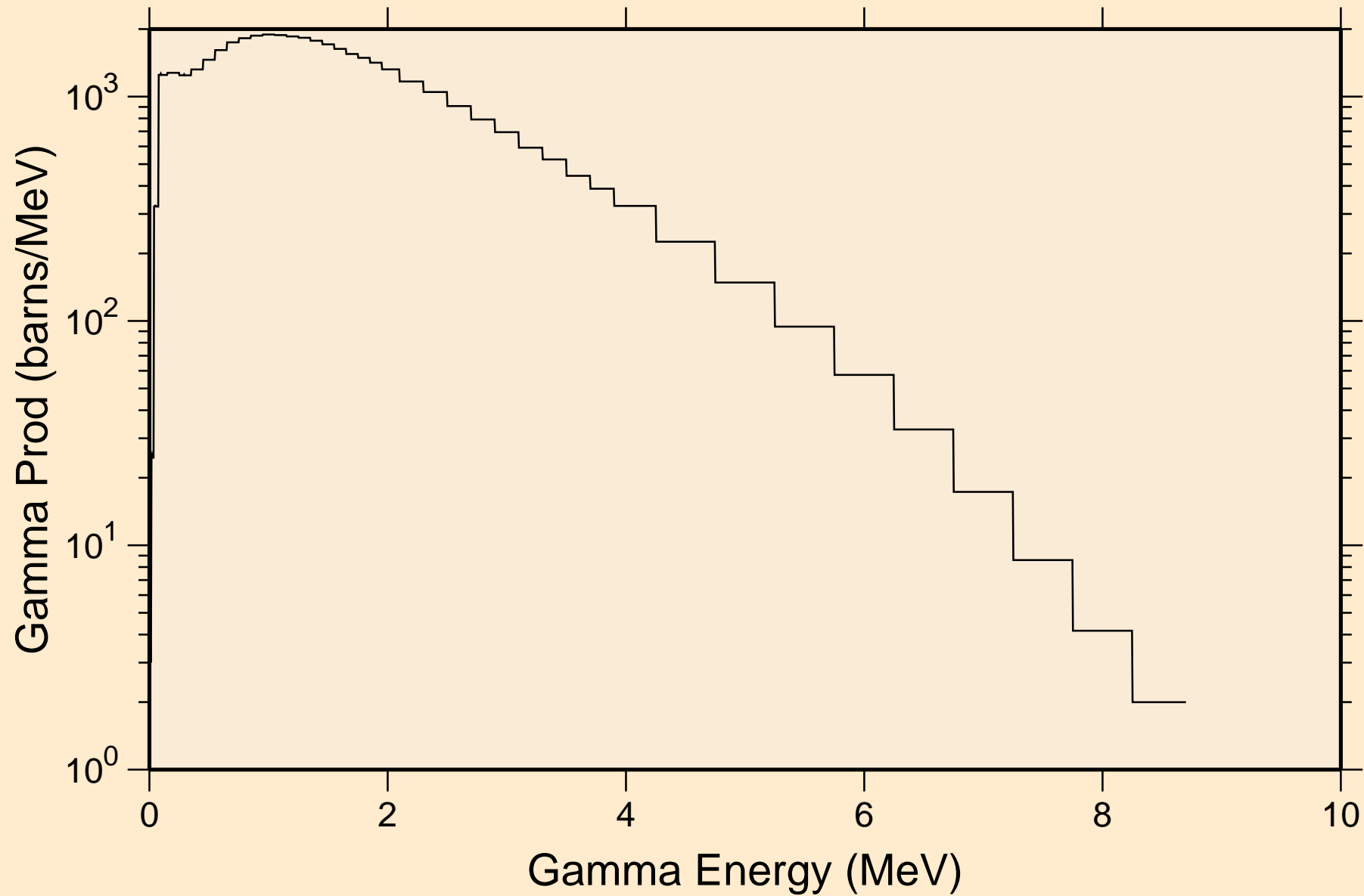
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



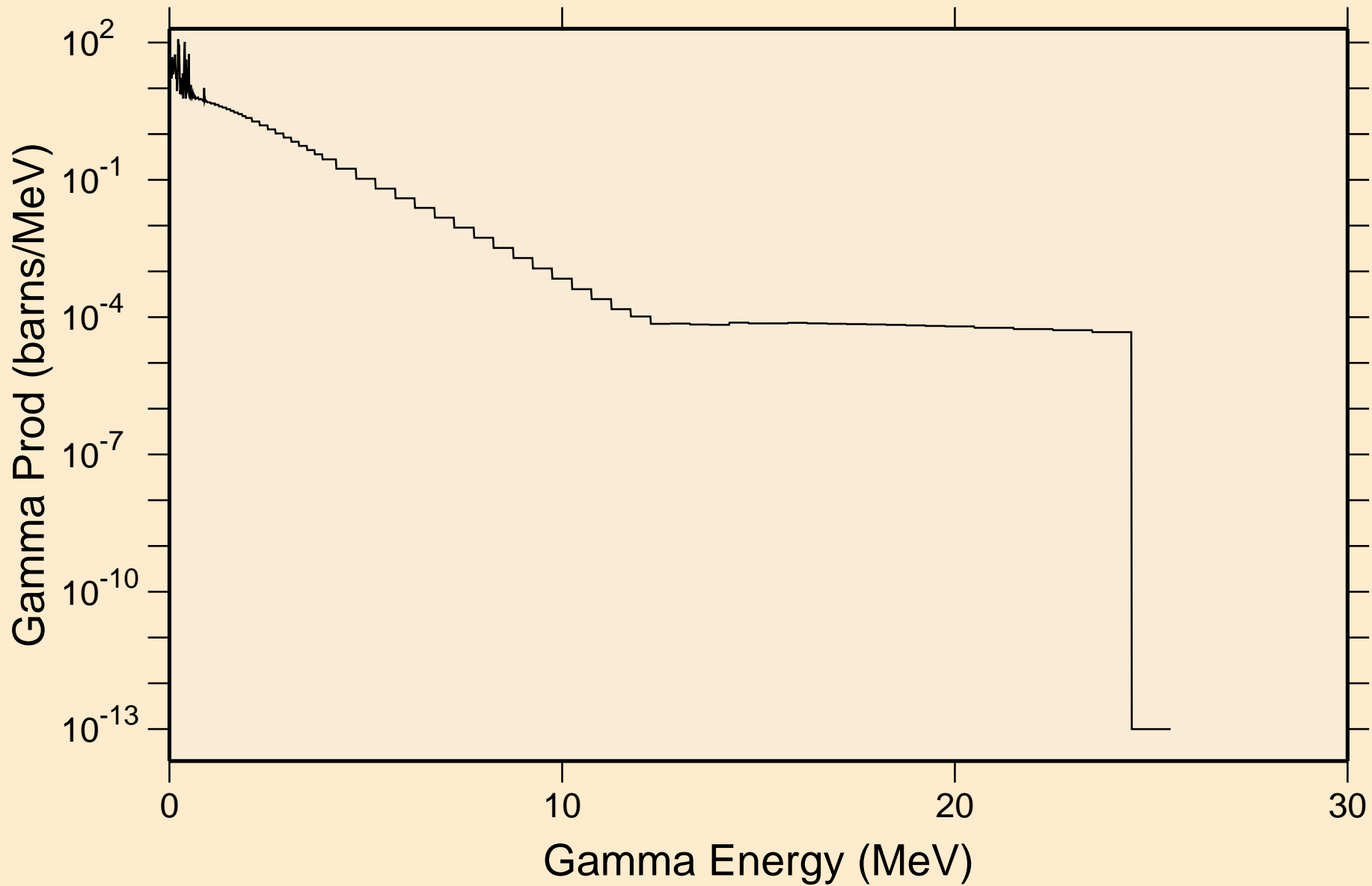
AU176M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



AU176M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



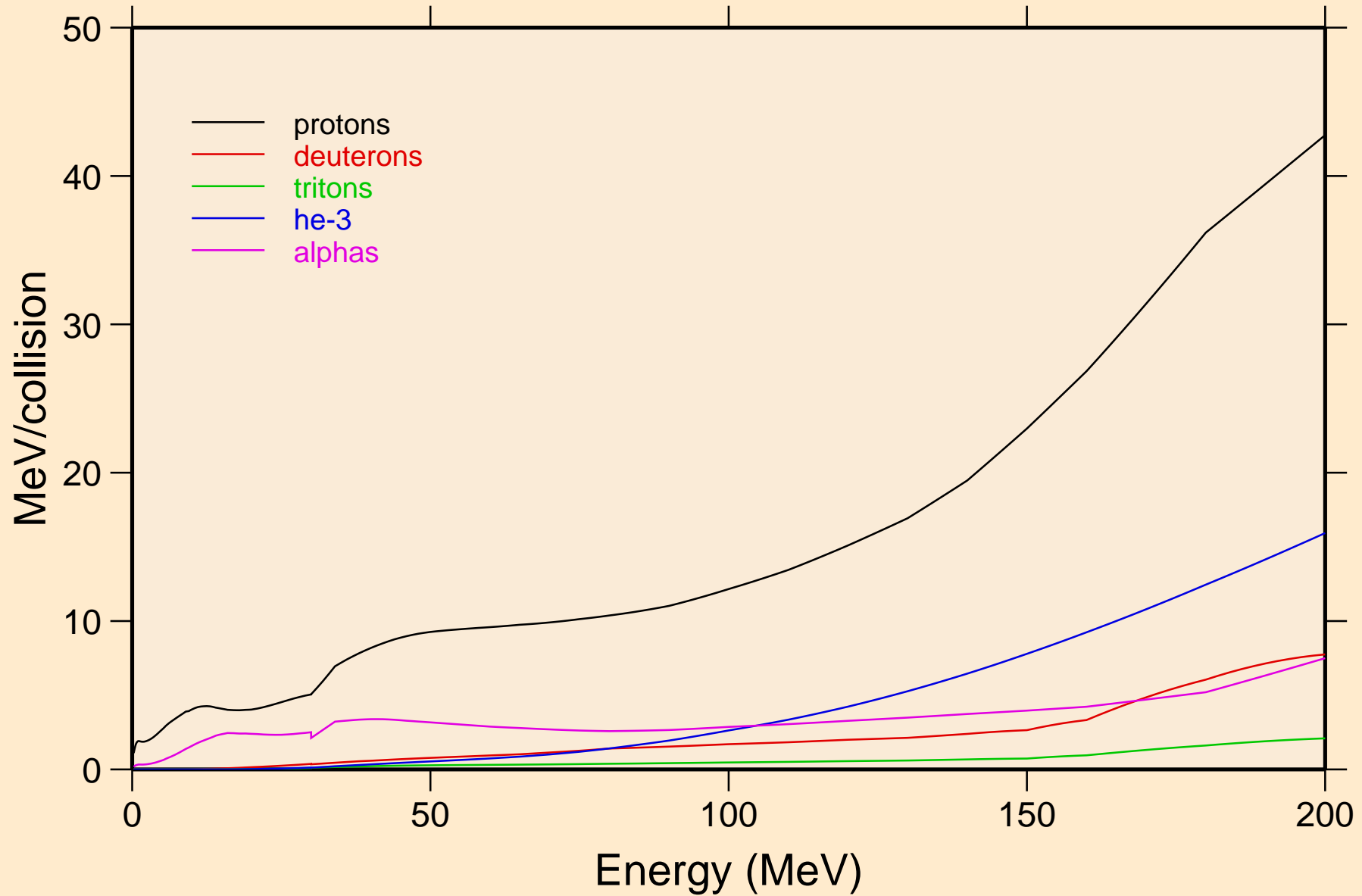
AU176M NRG TENDL-2015, AKONING  
14 MeV photon spectrum





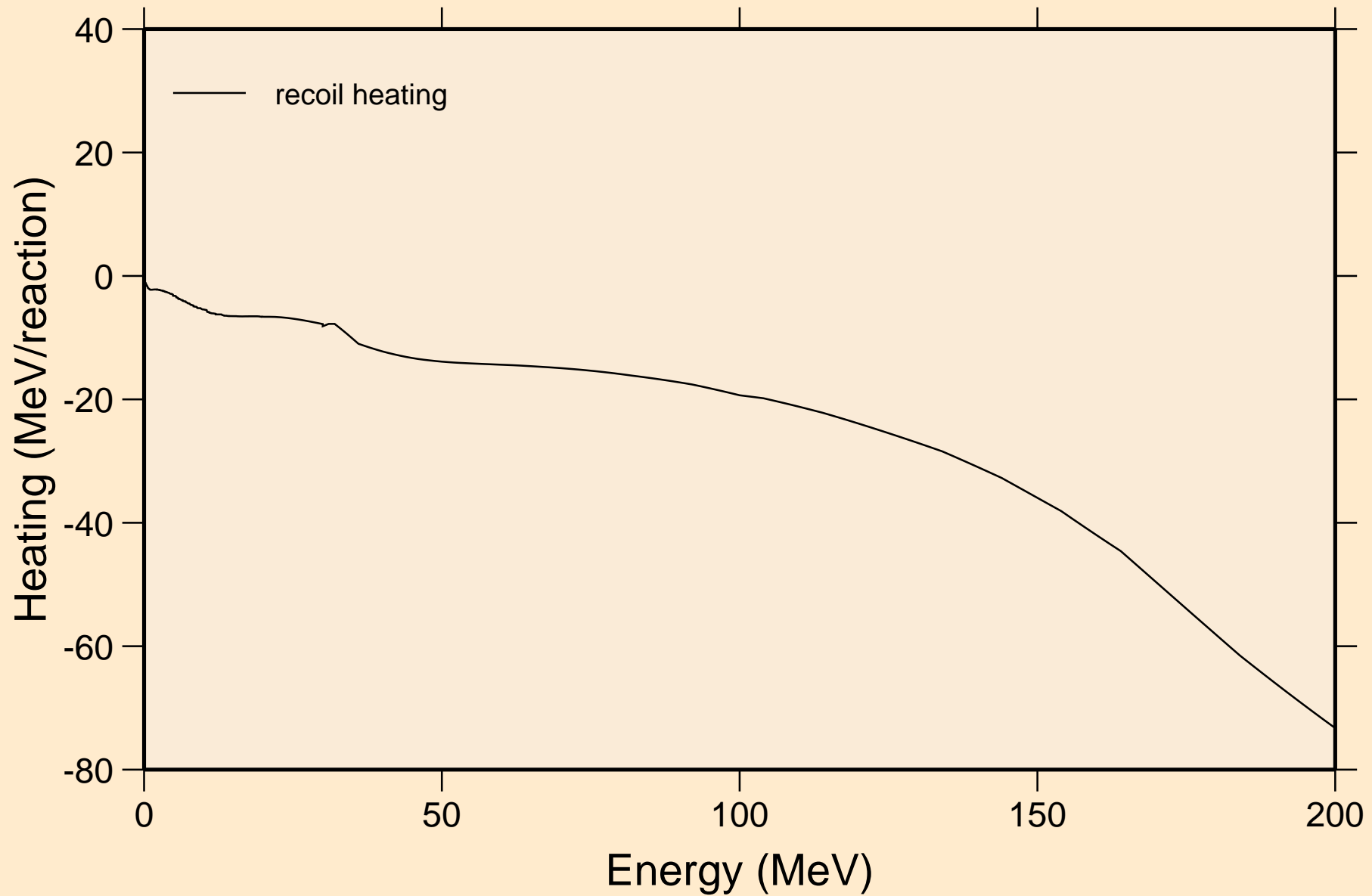
# AU176M NRG TENDL-2015, AKONING

## Particle heating contributions



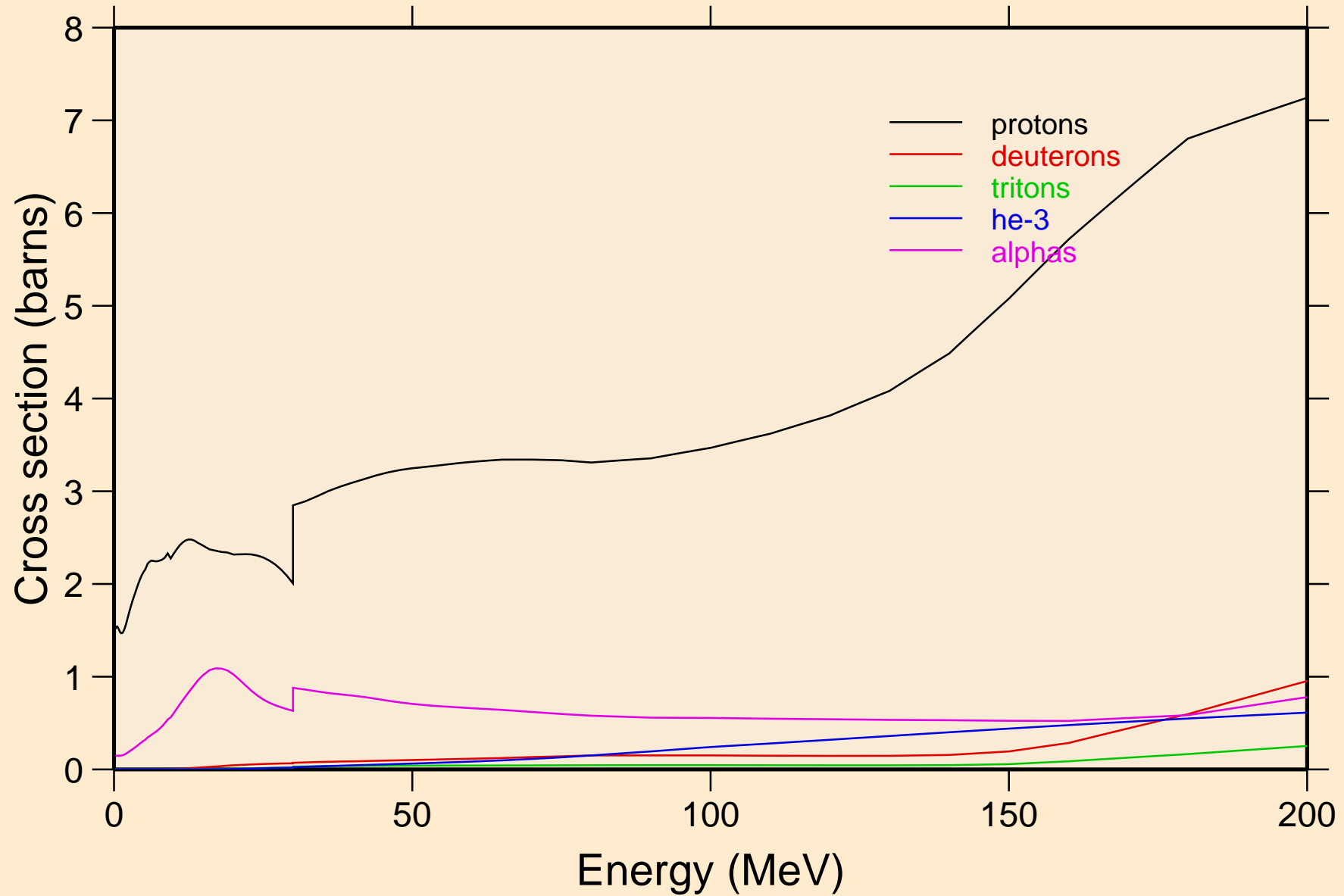
# AU176M NRG TENDL-2015, AKONING

## Recoil Heating

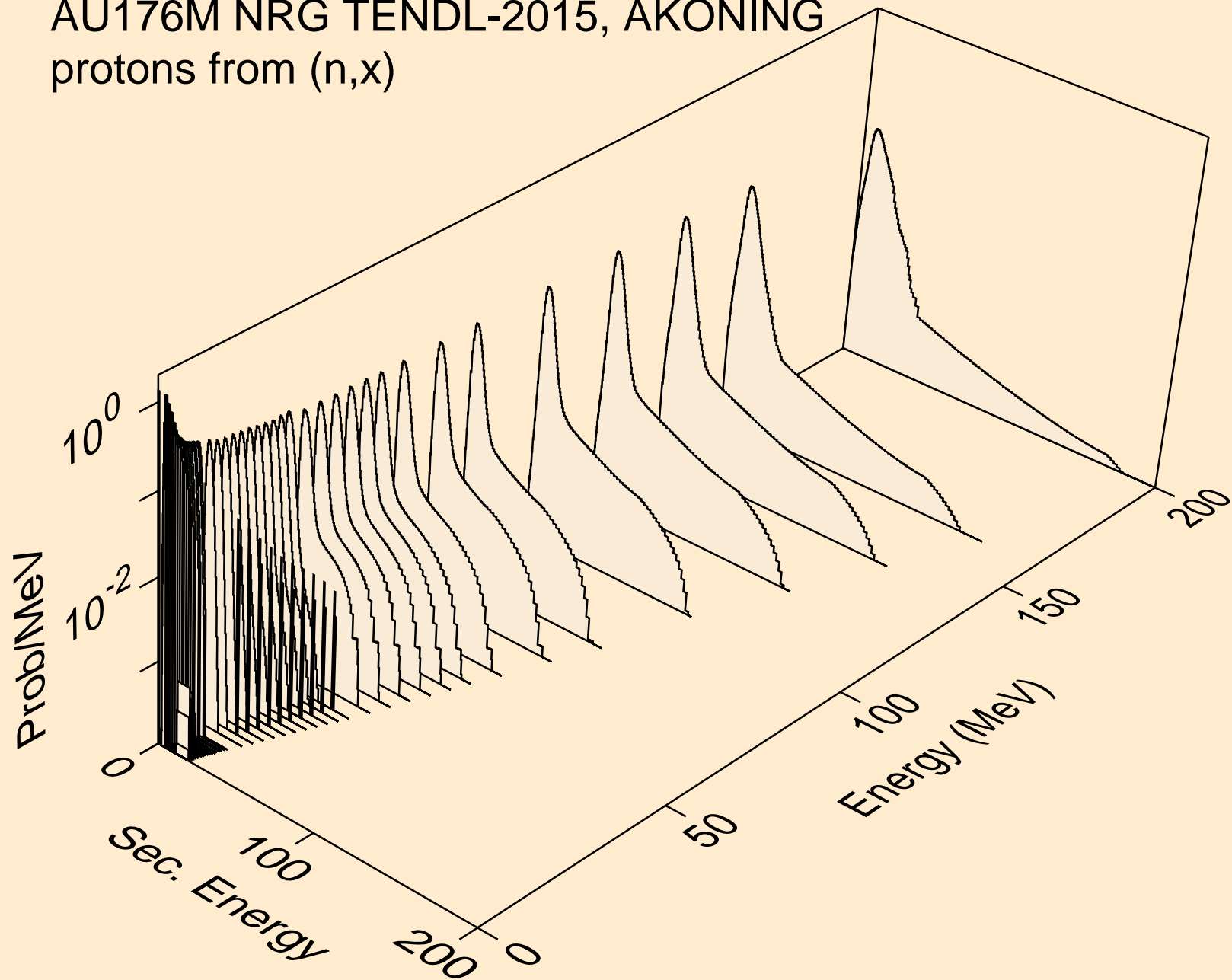


# AU176M NRG TENDL-2015, AKONING

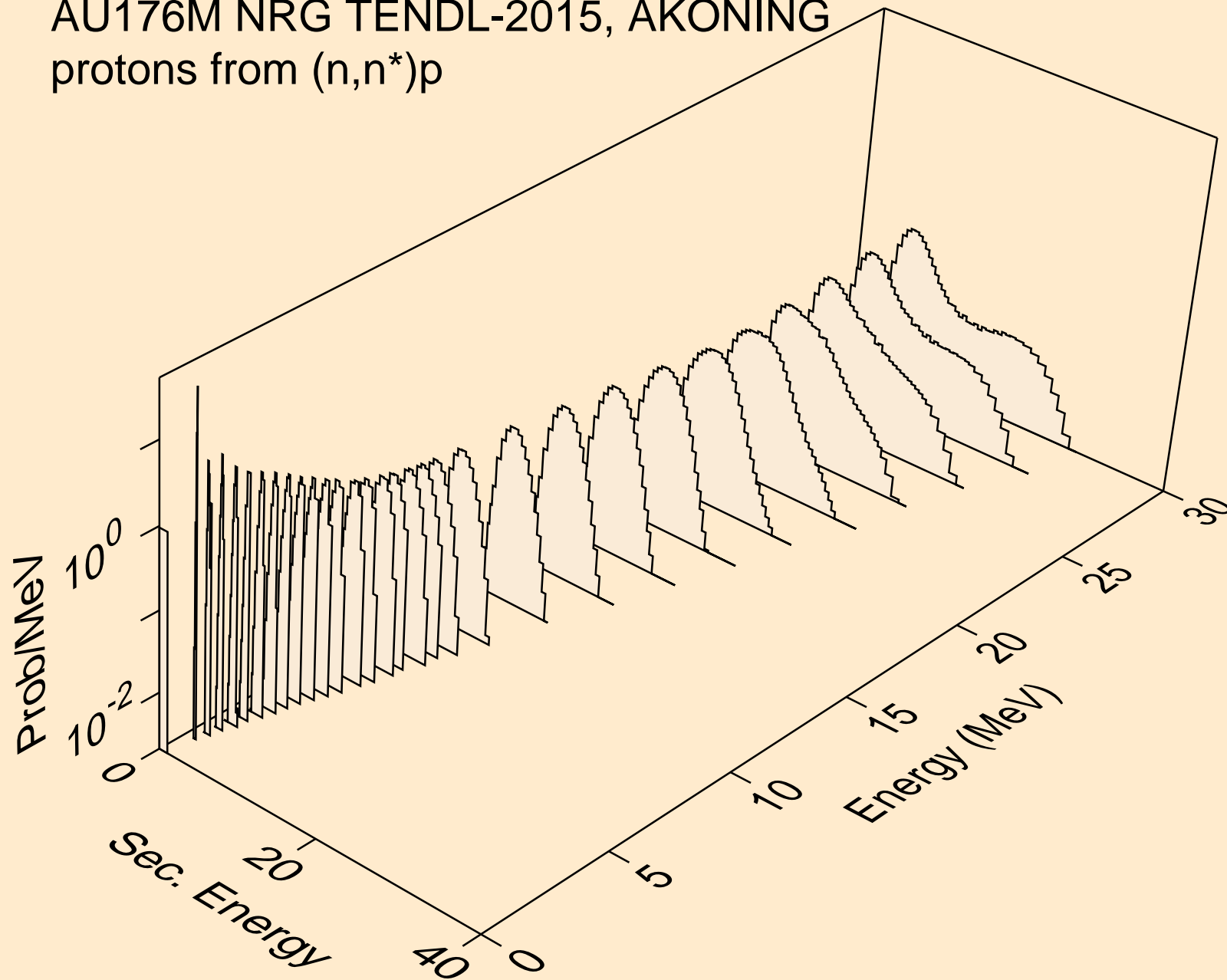
## Particle production cross sections



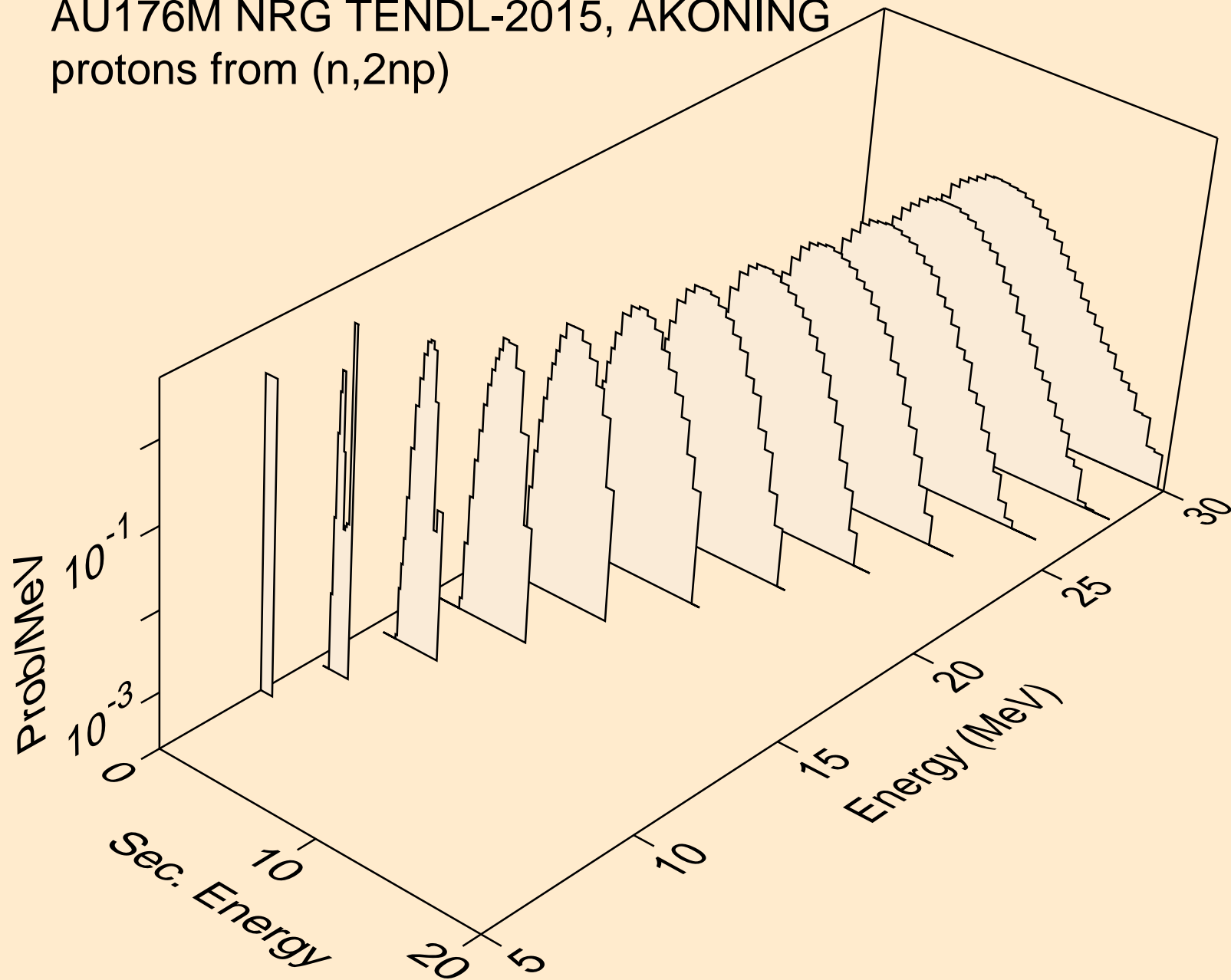
AU176M NRG TENDL-2015, AKONING  
protons from (n,x)



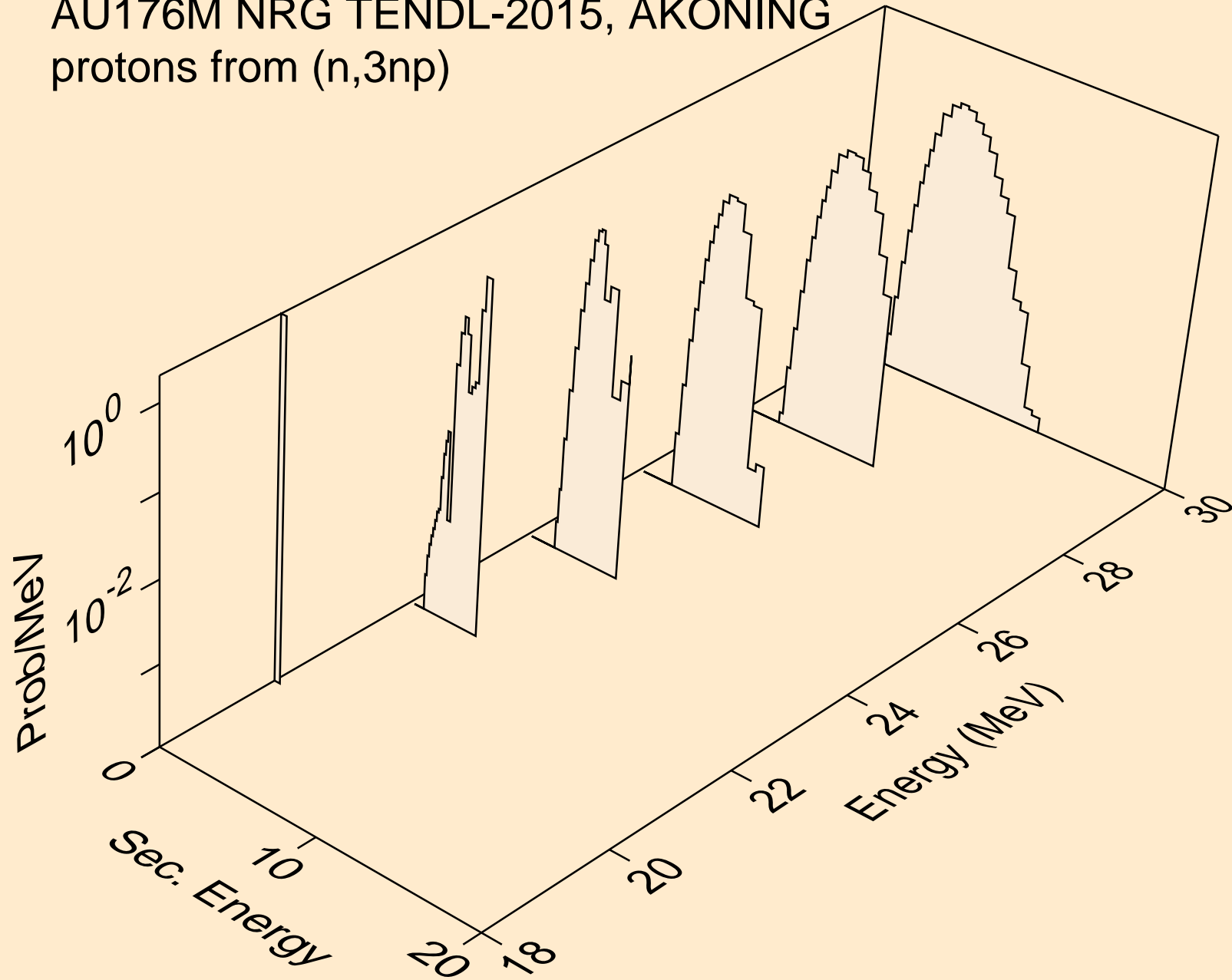
AU176M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



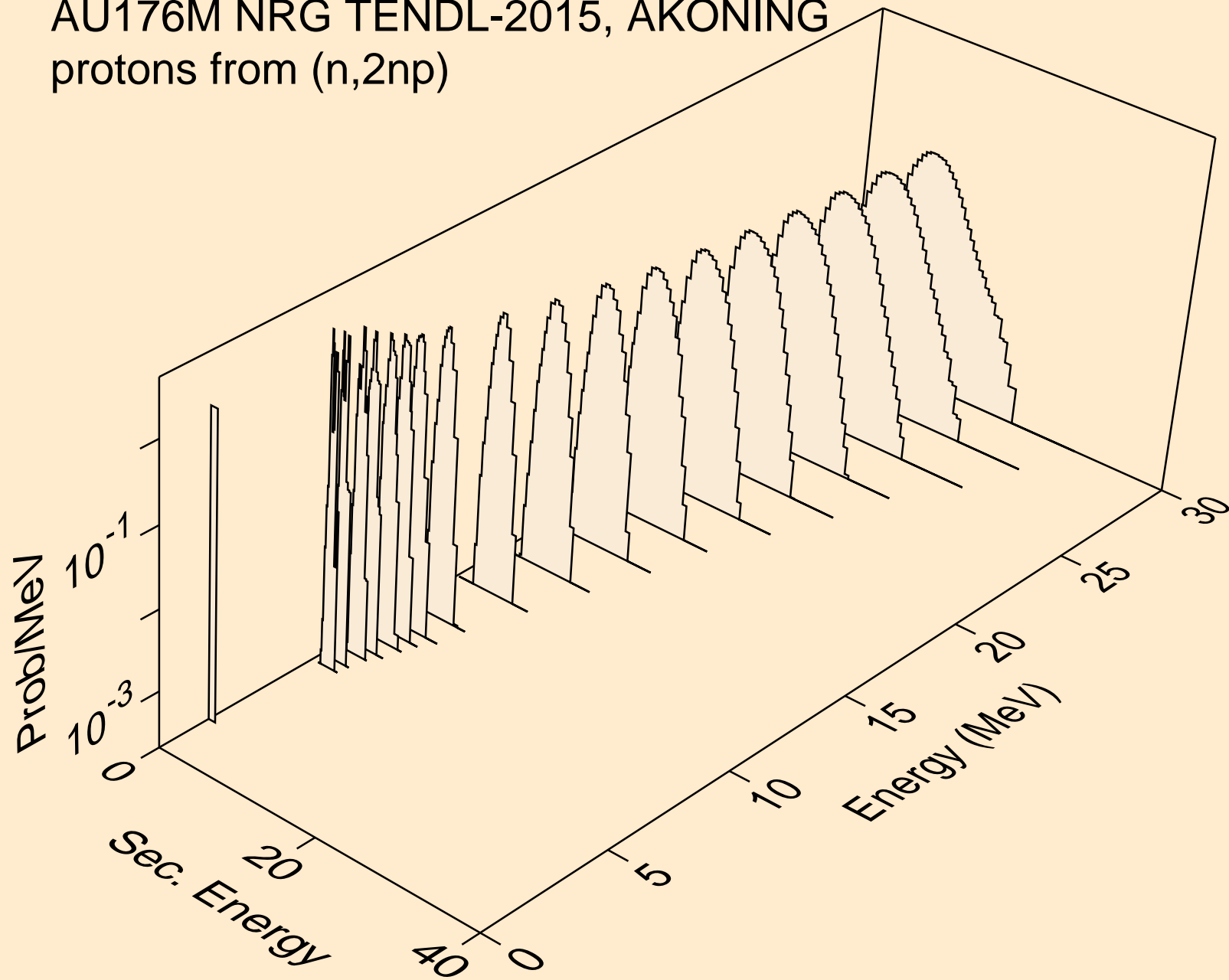
AU176M NRG TENDL-2015, AKONING  
protons from (n,2np)



AU176M NRG TENDL-2015, AKONING  
protons from (n,3np)

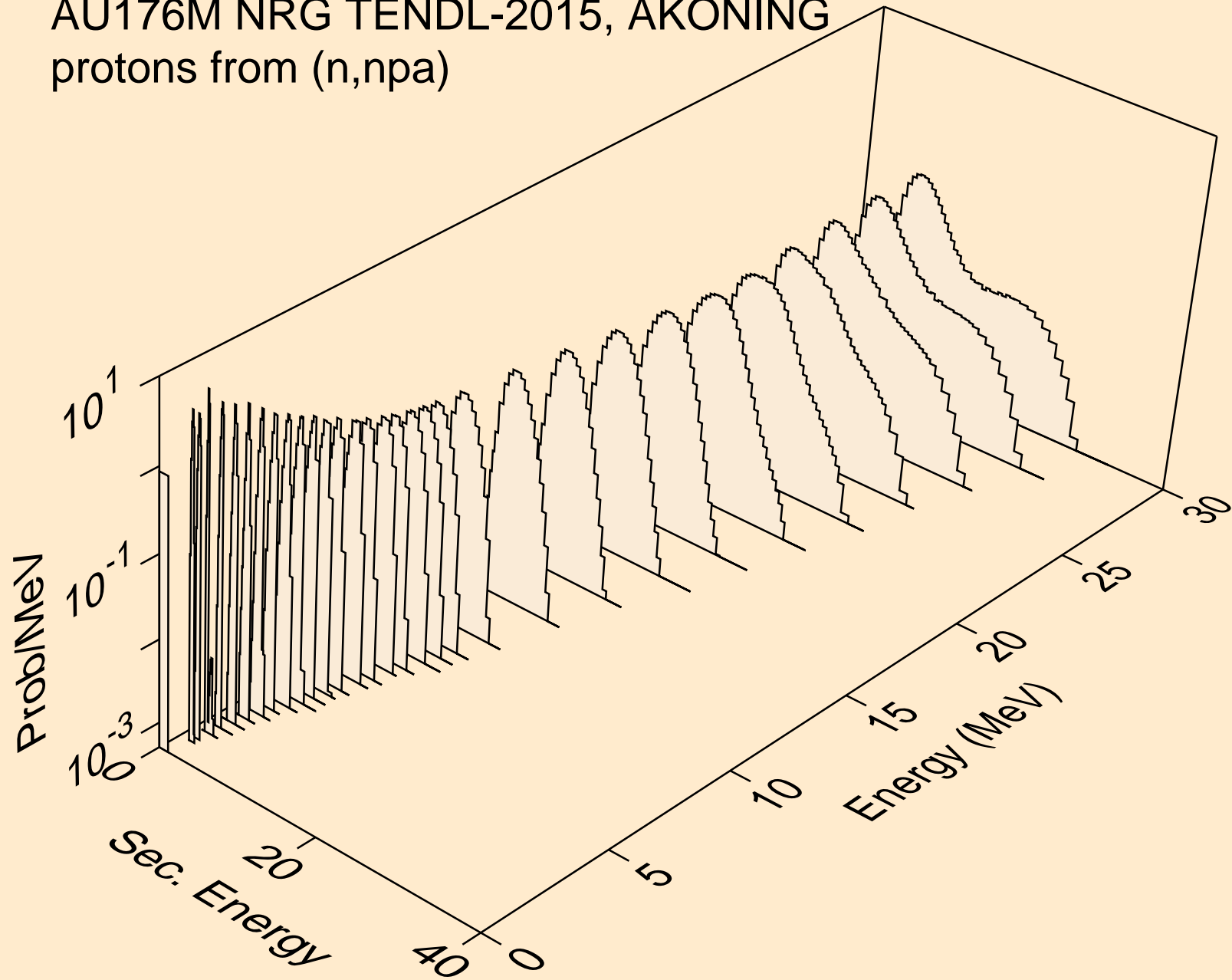


AU176M NRG TENDL-2015, AKONING  
protons from (n,2np)

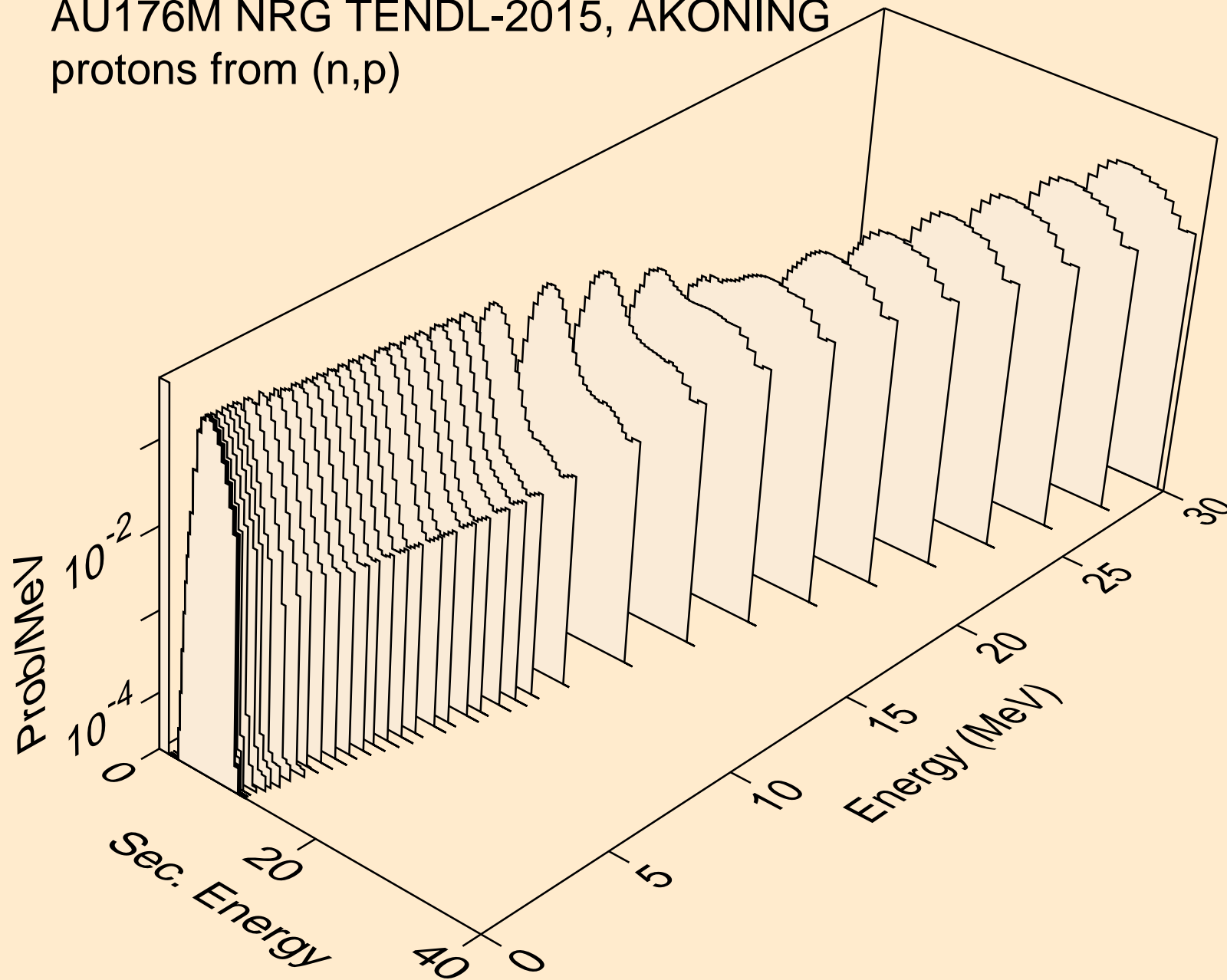




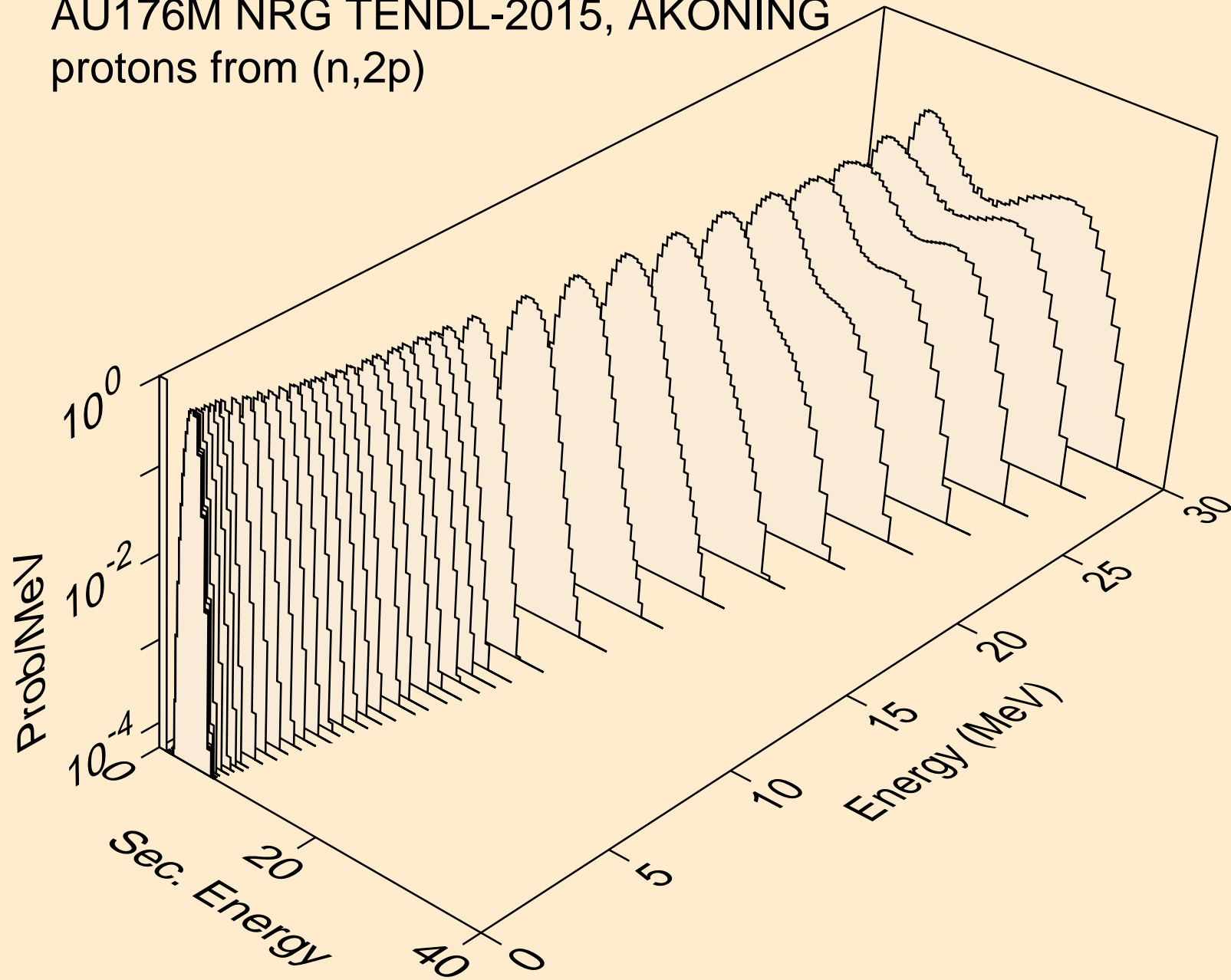
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protons from (n,npa)



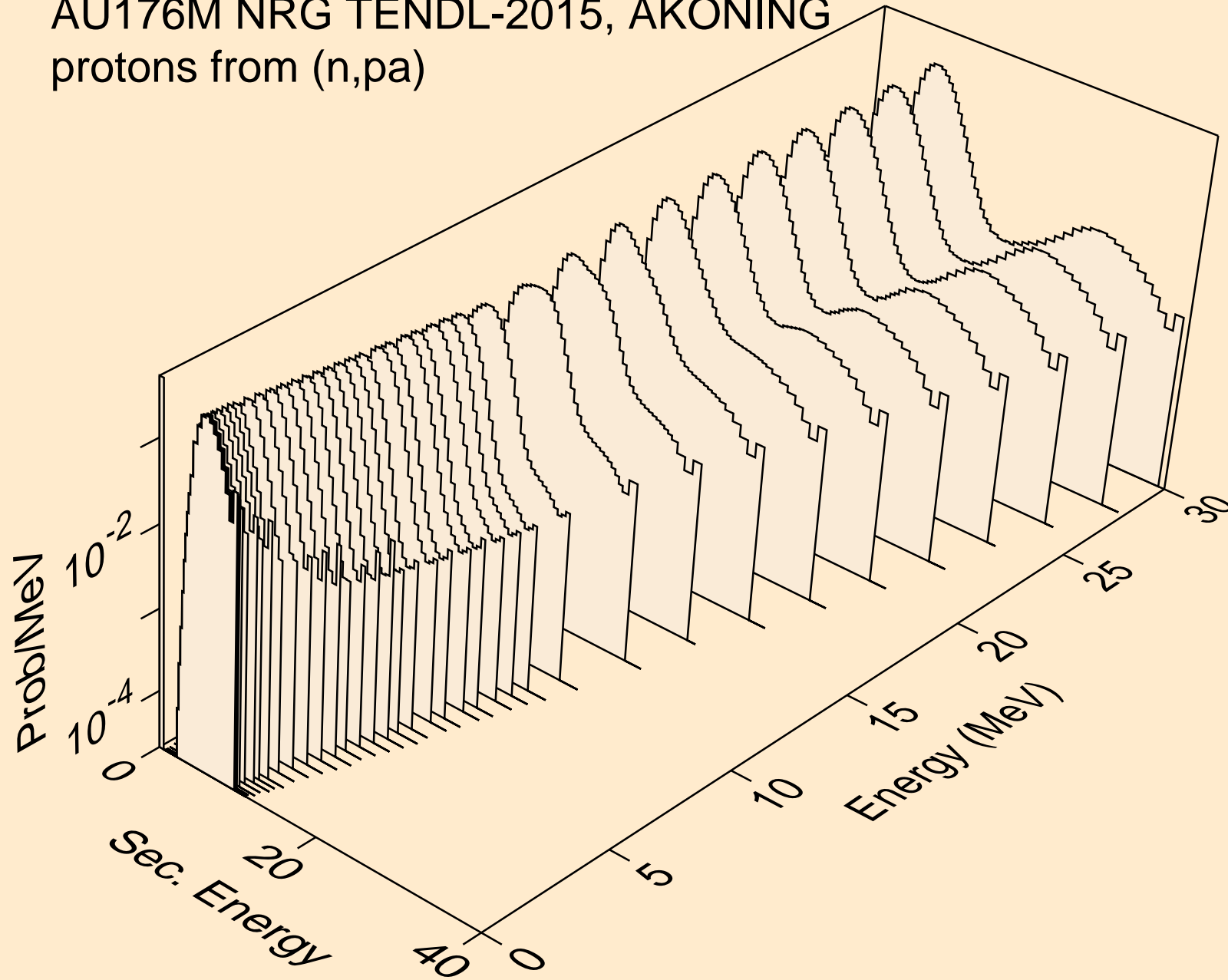
AU176M NRG TENDL-2015, AKONING  
protons from (n,p)



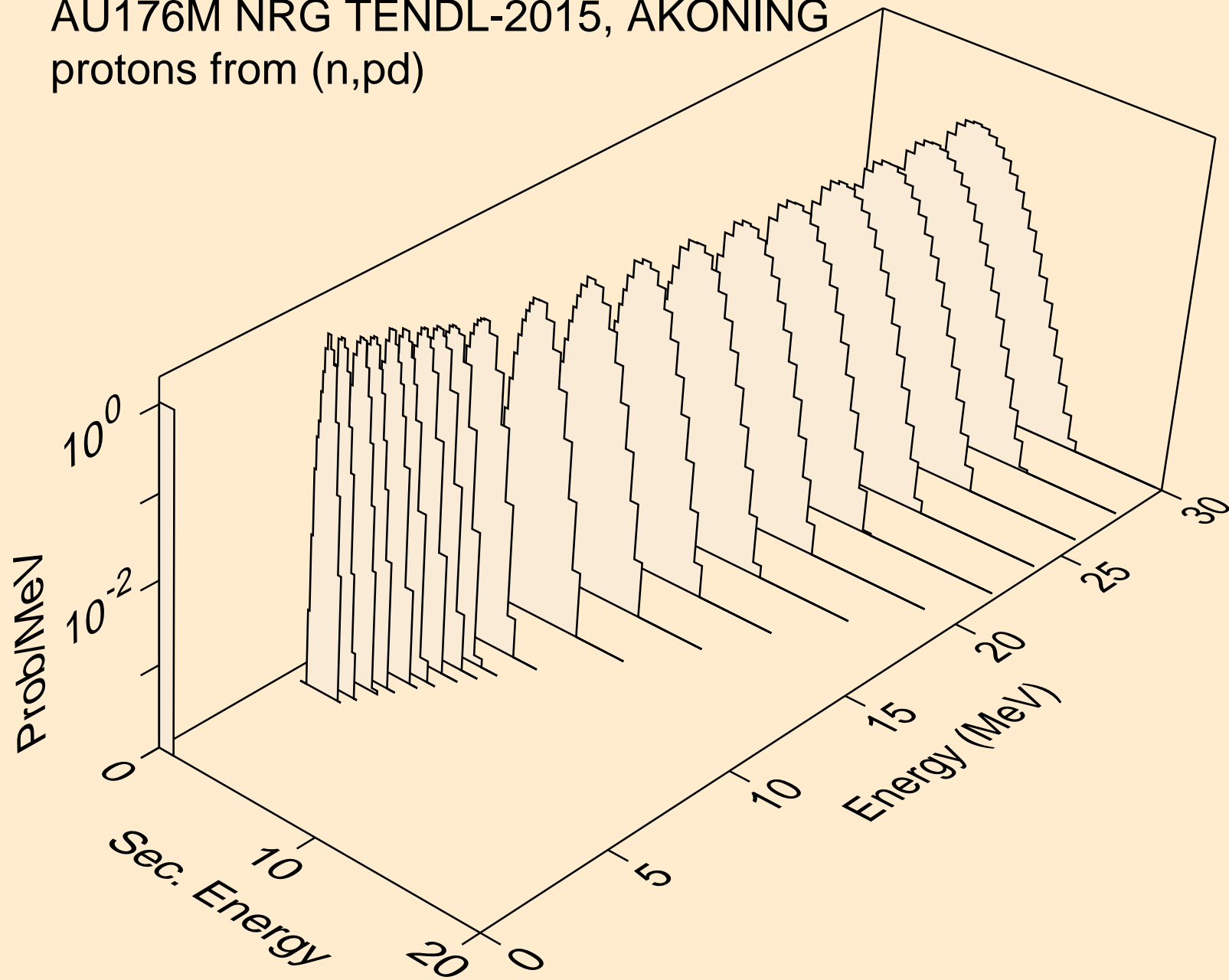
AU176M NRG TENDL-2015, AKONING  
protons from (n,2p)



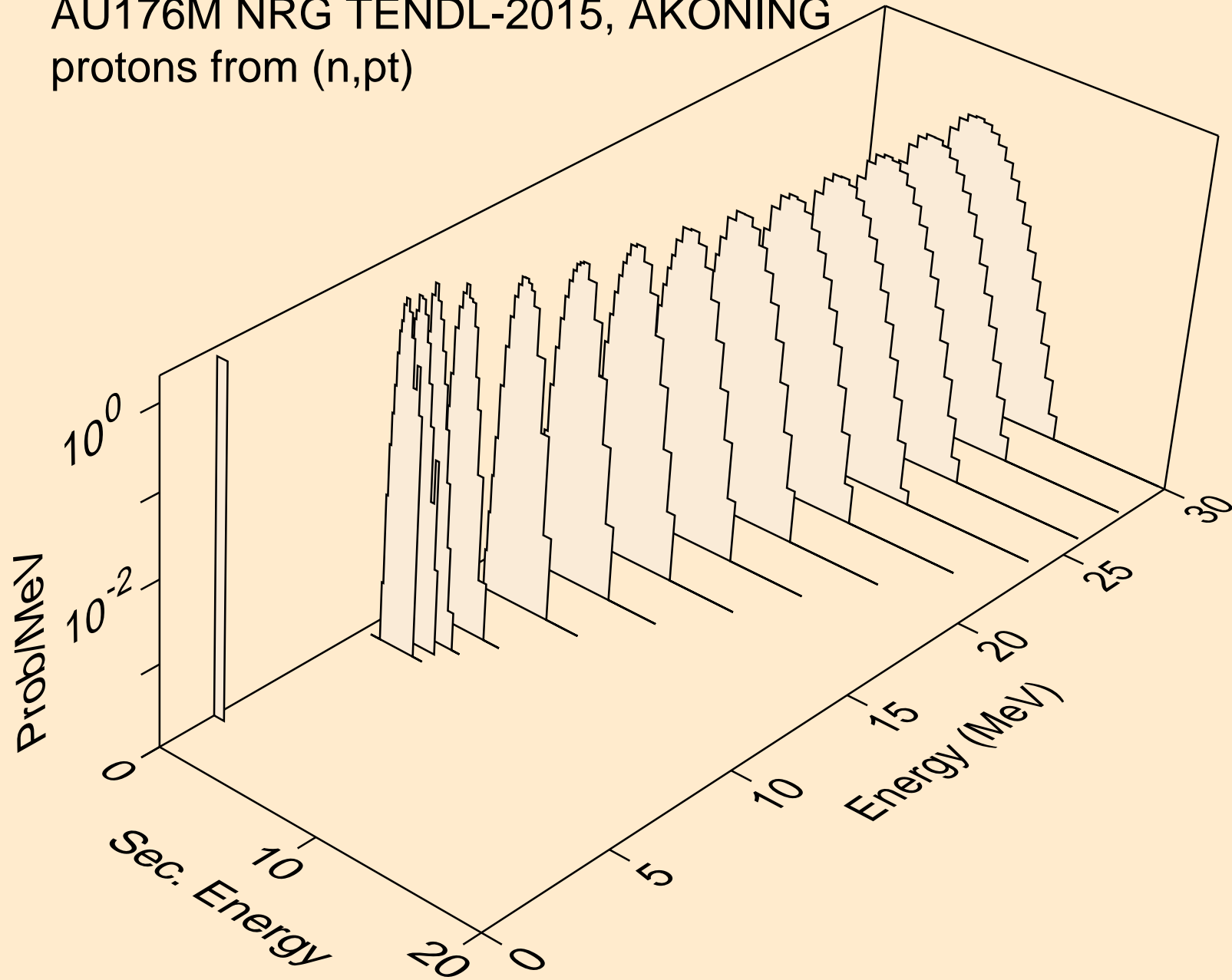
AU176M NRG TENDL-2015, AKONING  
protons from (n,pa)



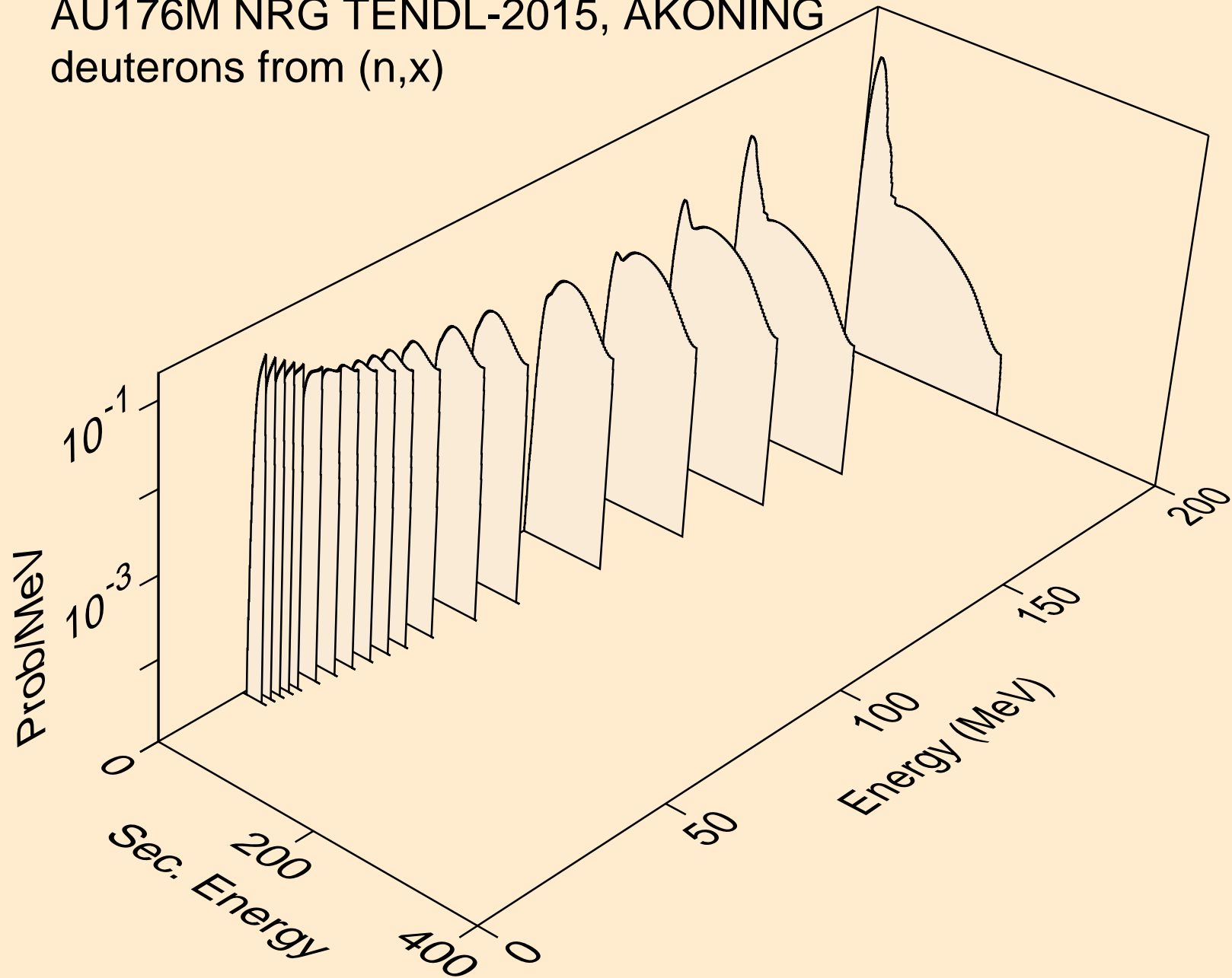
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protons from (n,pd)



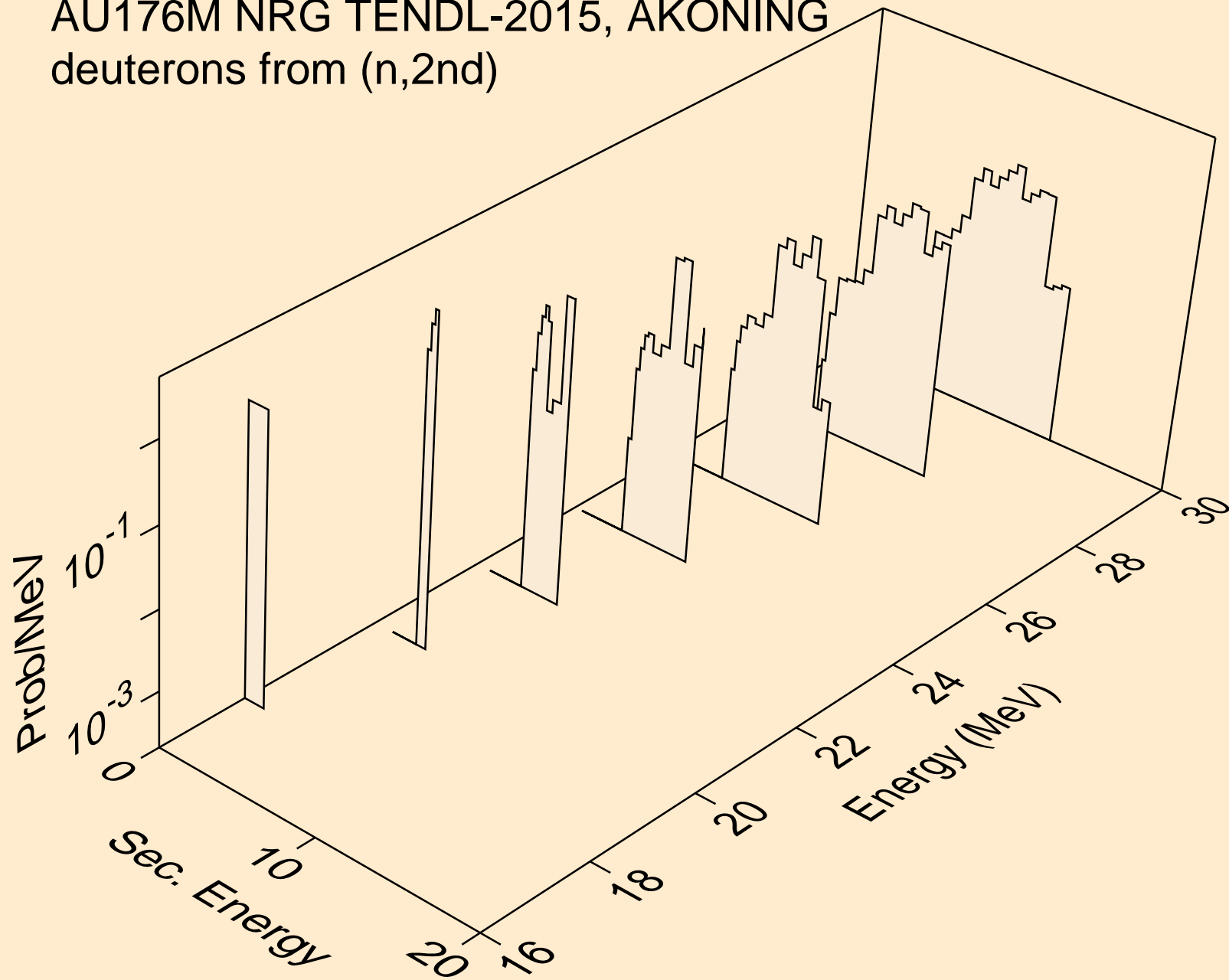
AU176M NRG TENDL-2015, AKONING  
protons from (n,pt)



AU176M NRG TENDL-2015, AKONING  
deuterons from (n,x)

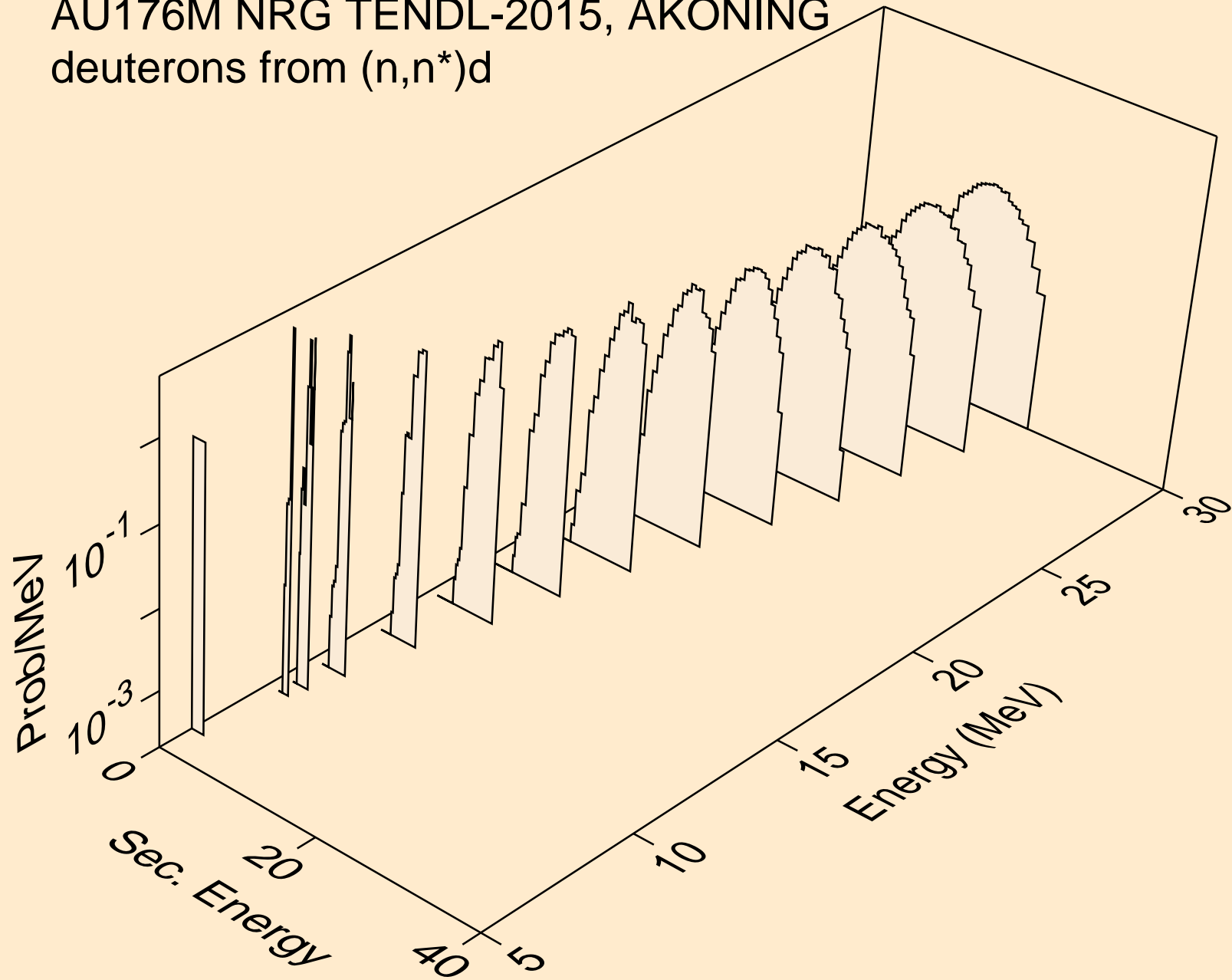


AU176M NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

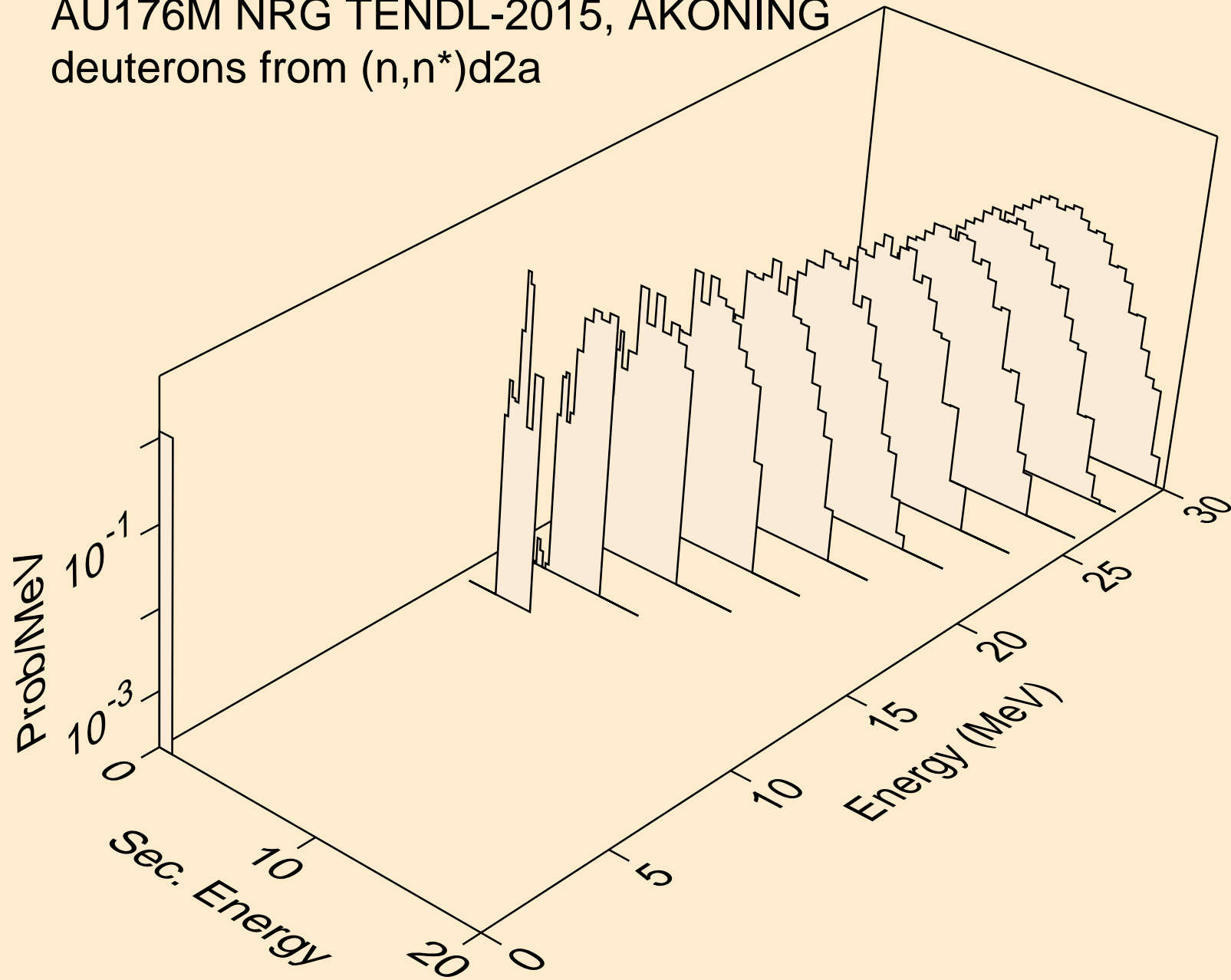




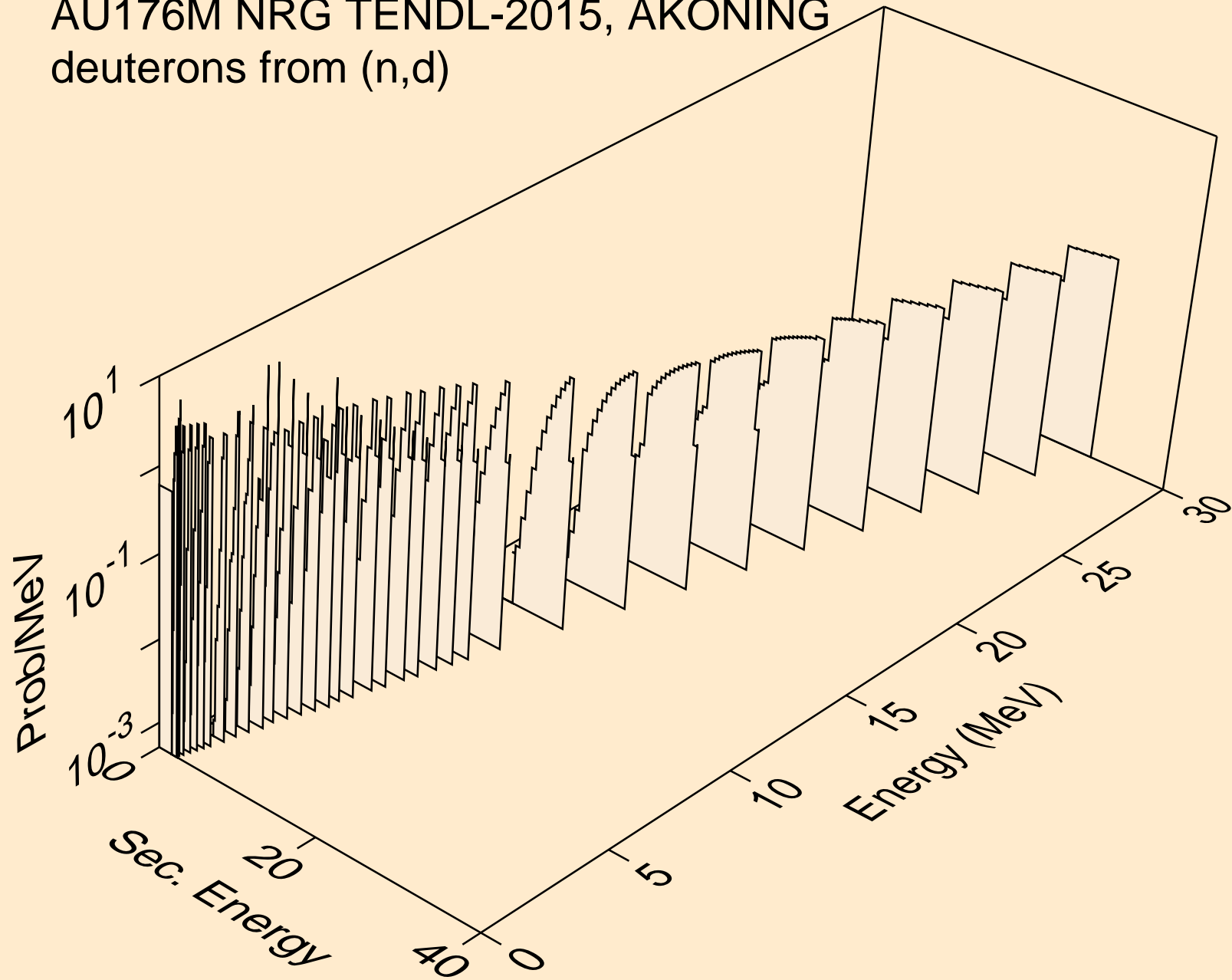
AU176M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



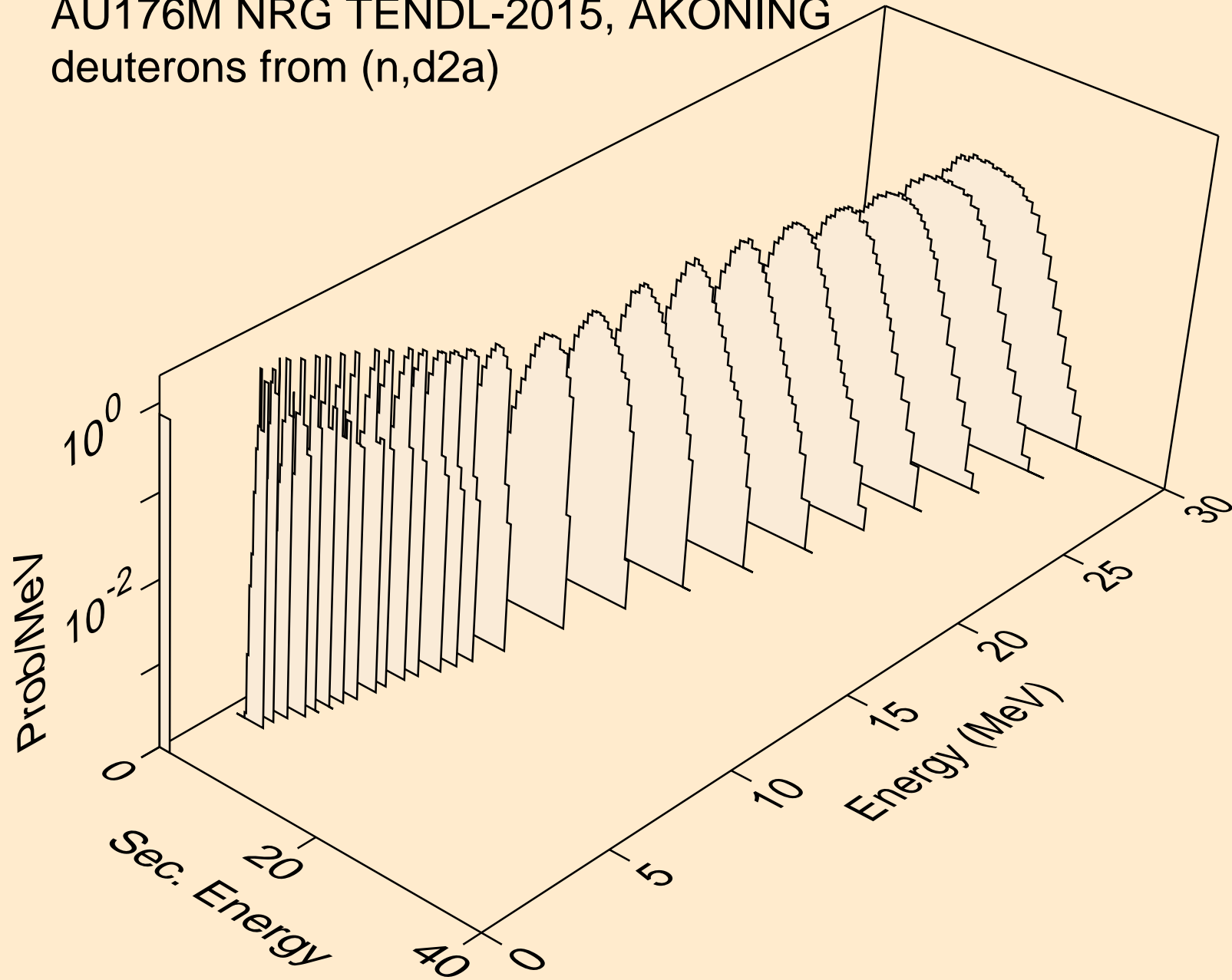
AU176M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



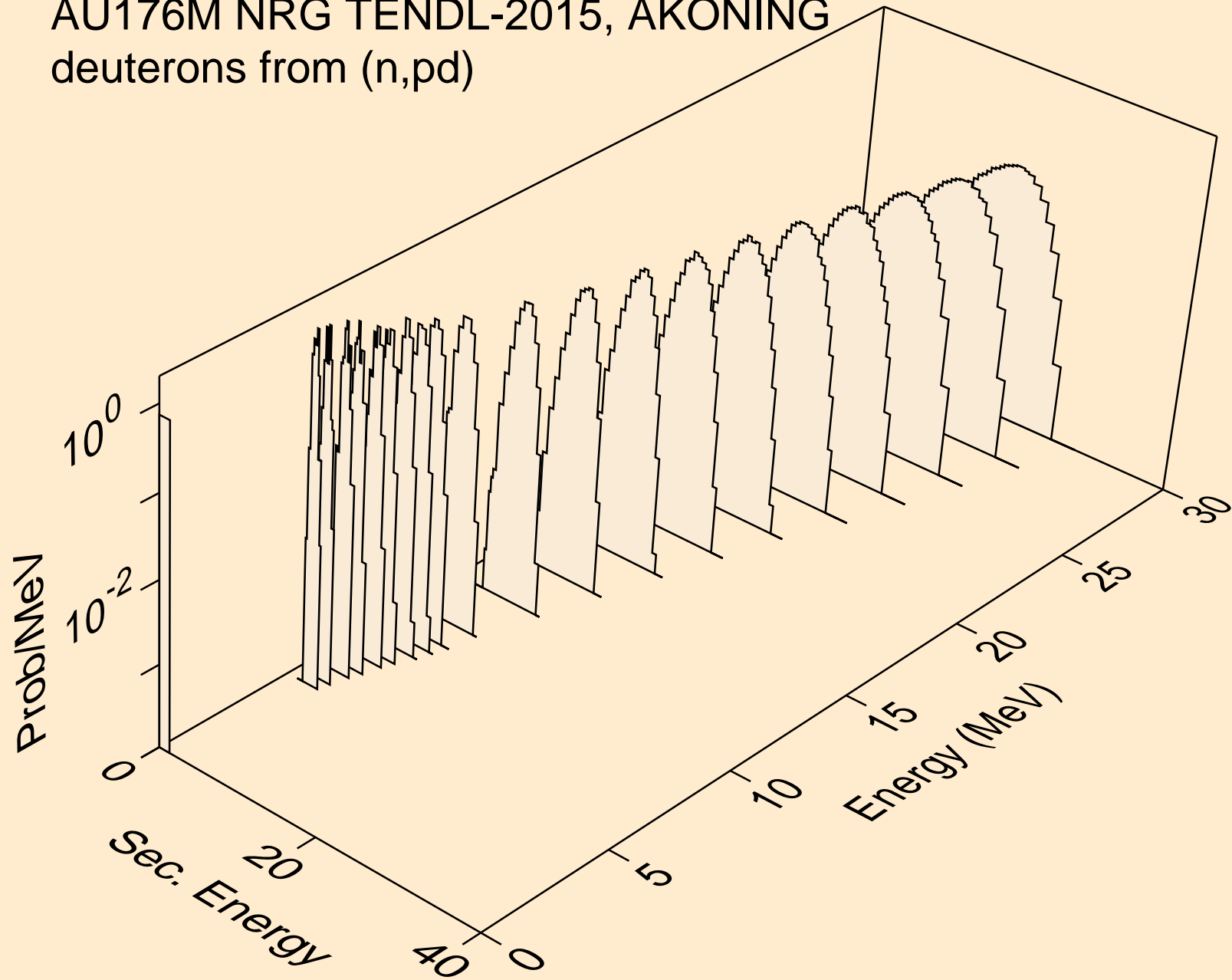
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deuterons from (n,d)



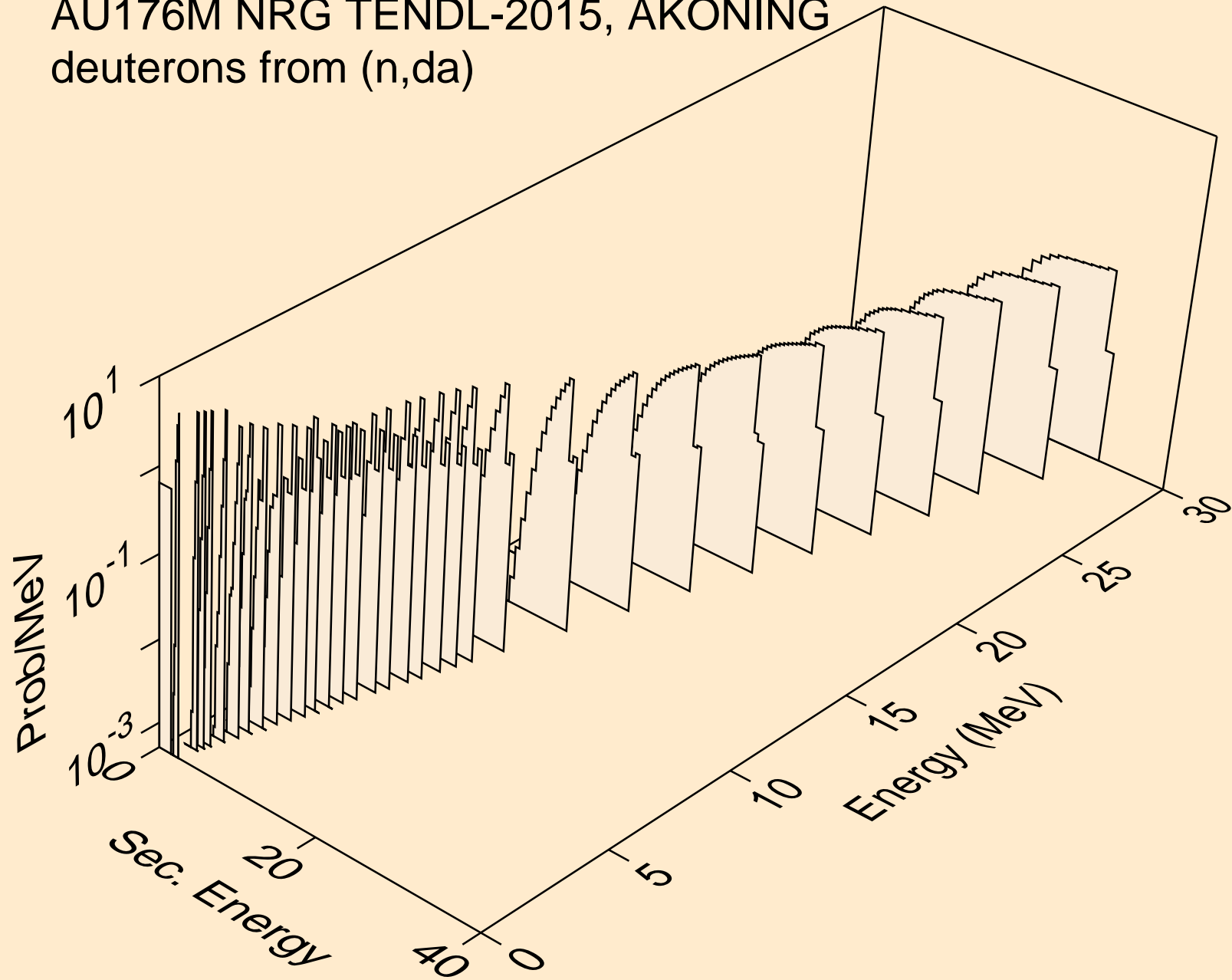
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deuterons from (n,d2a)



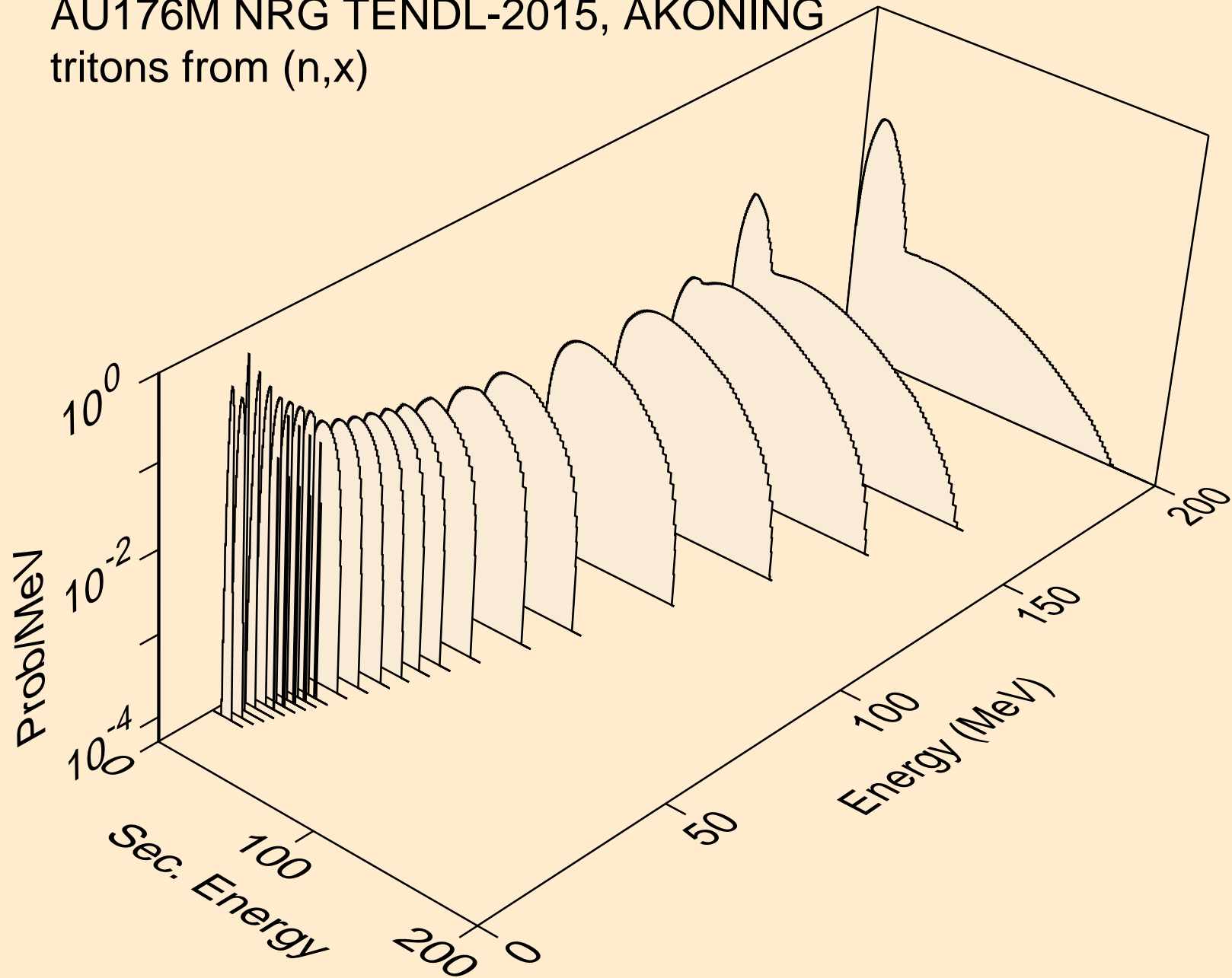
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deuterons from (n,pd)



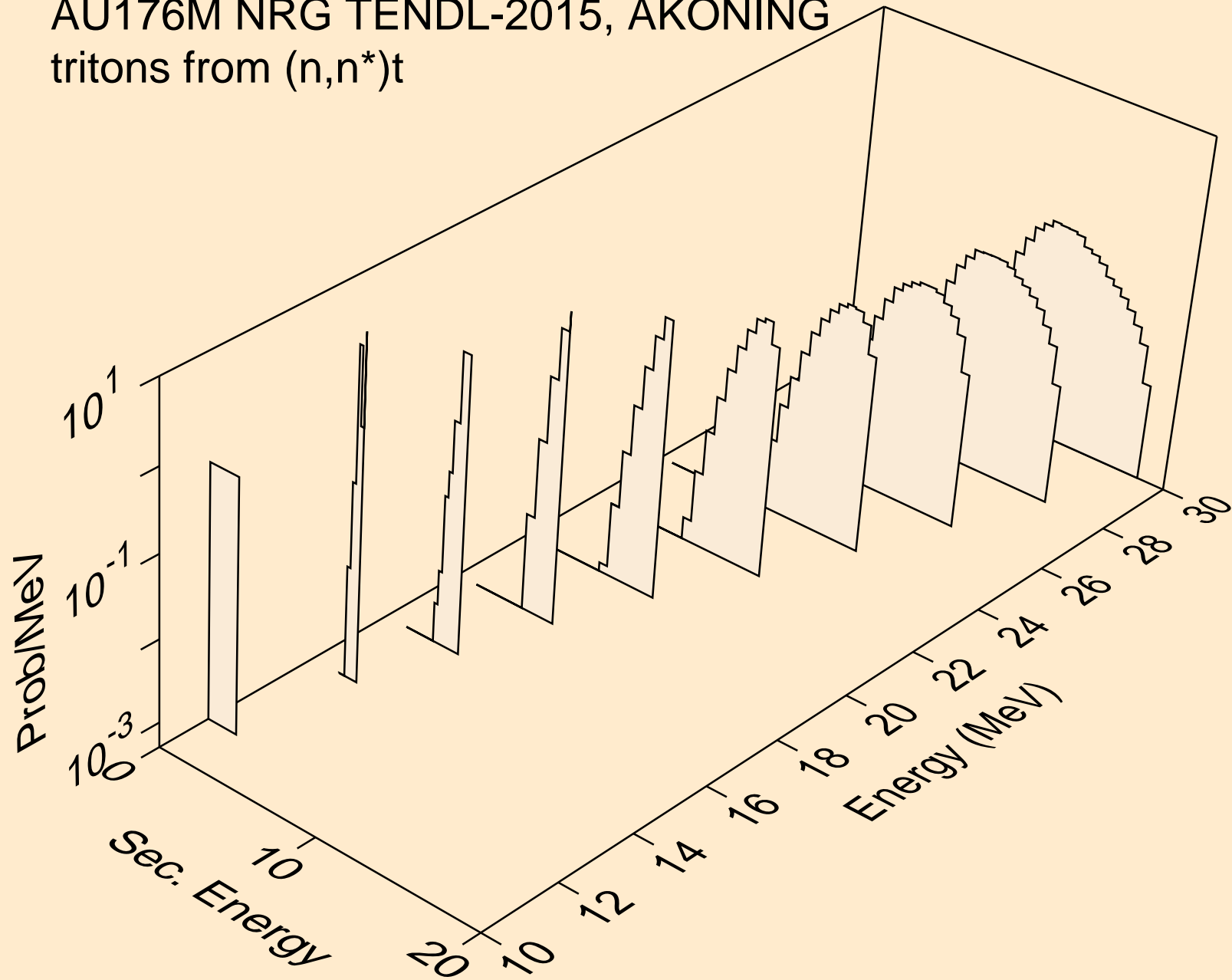
AU176M NRG TENDL-2015, AKONING  
deuterons from (n,da)



AU176M NRG TENDL-2015, AKONING  
tritons from (n,x)

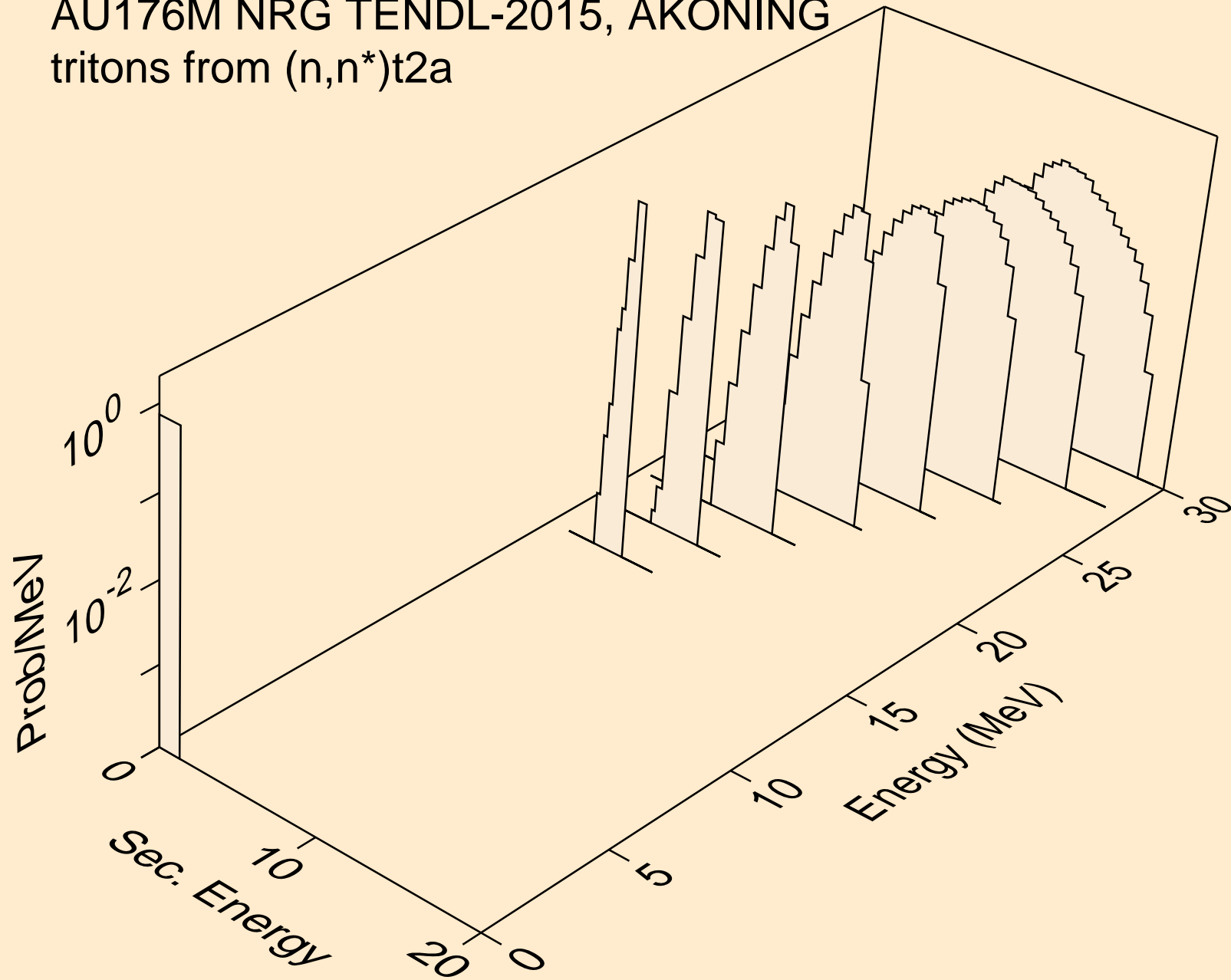


AU176M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

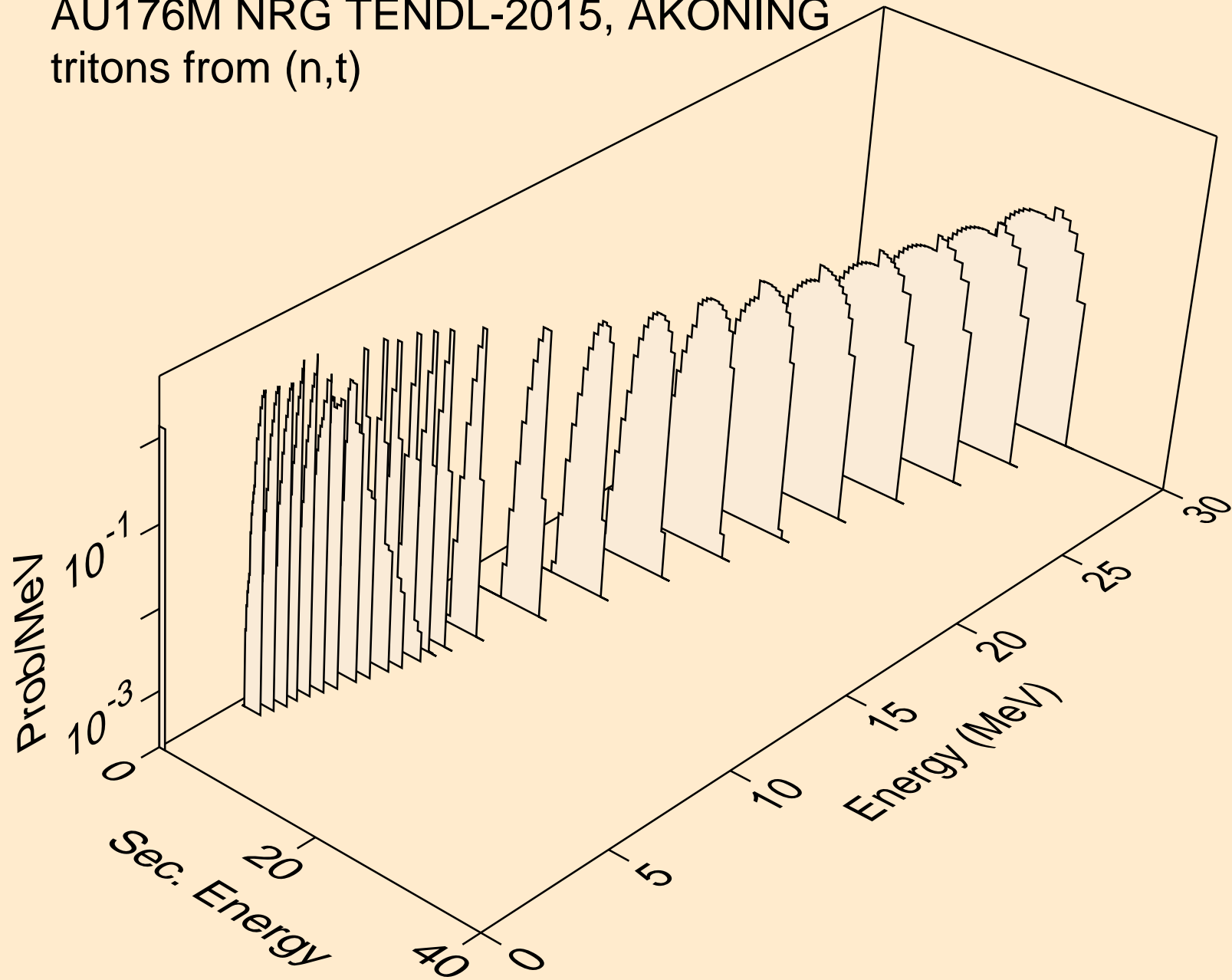




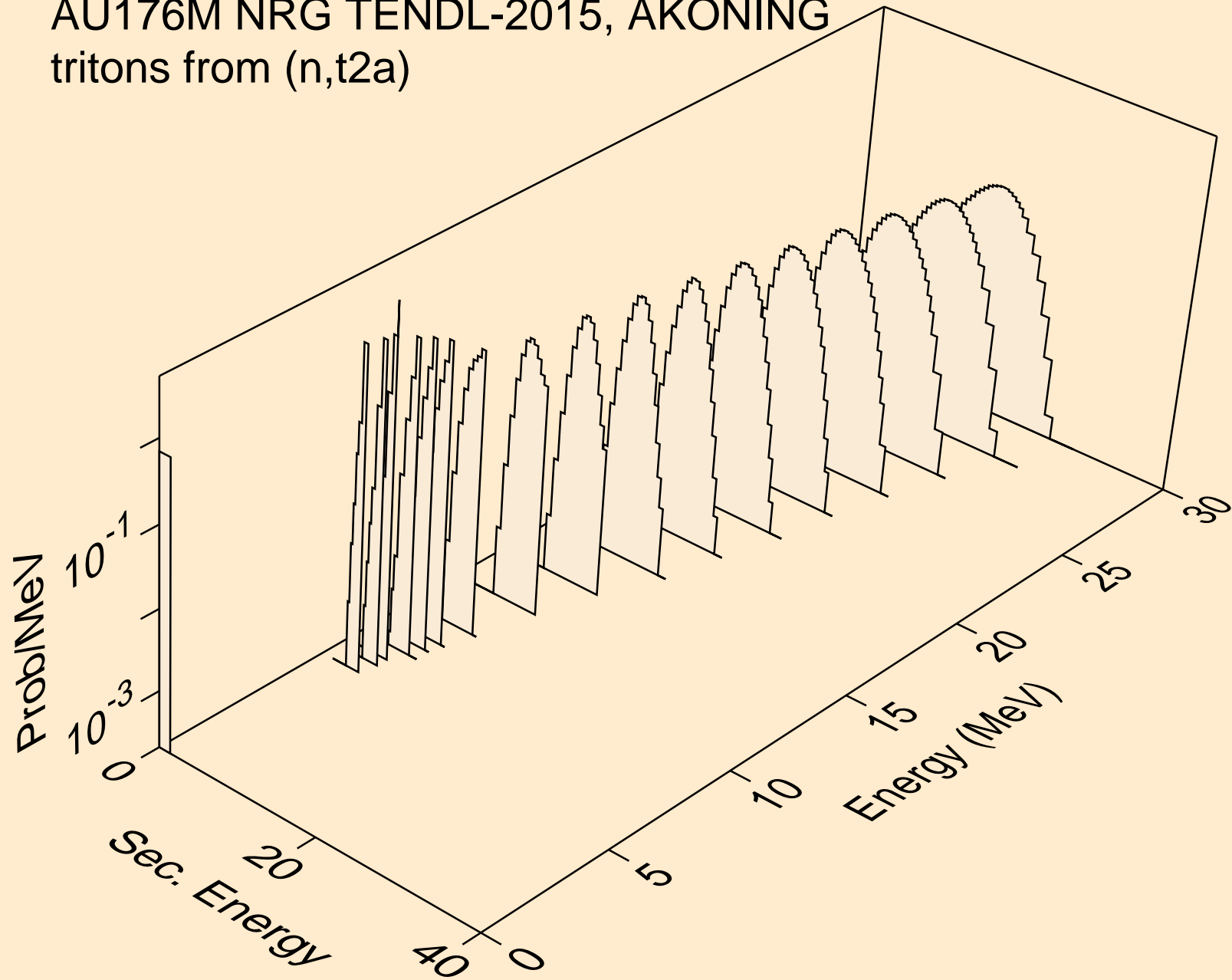
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tritons from (n,n\*)t2a



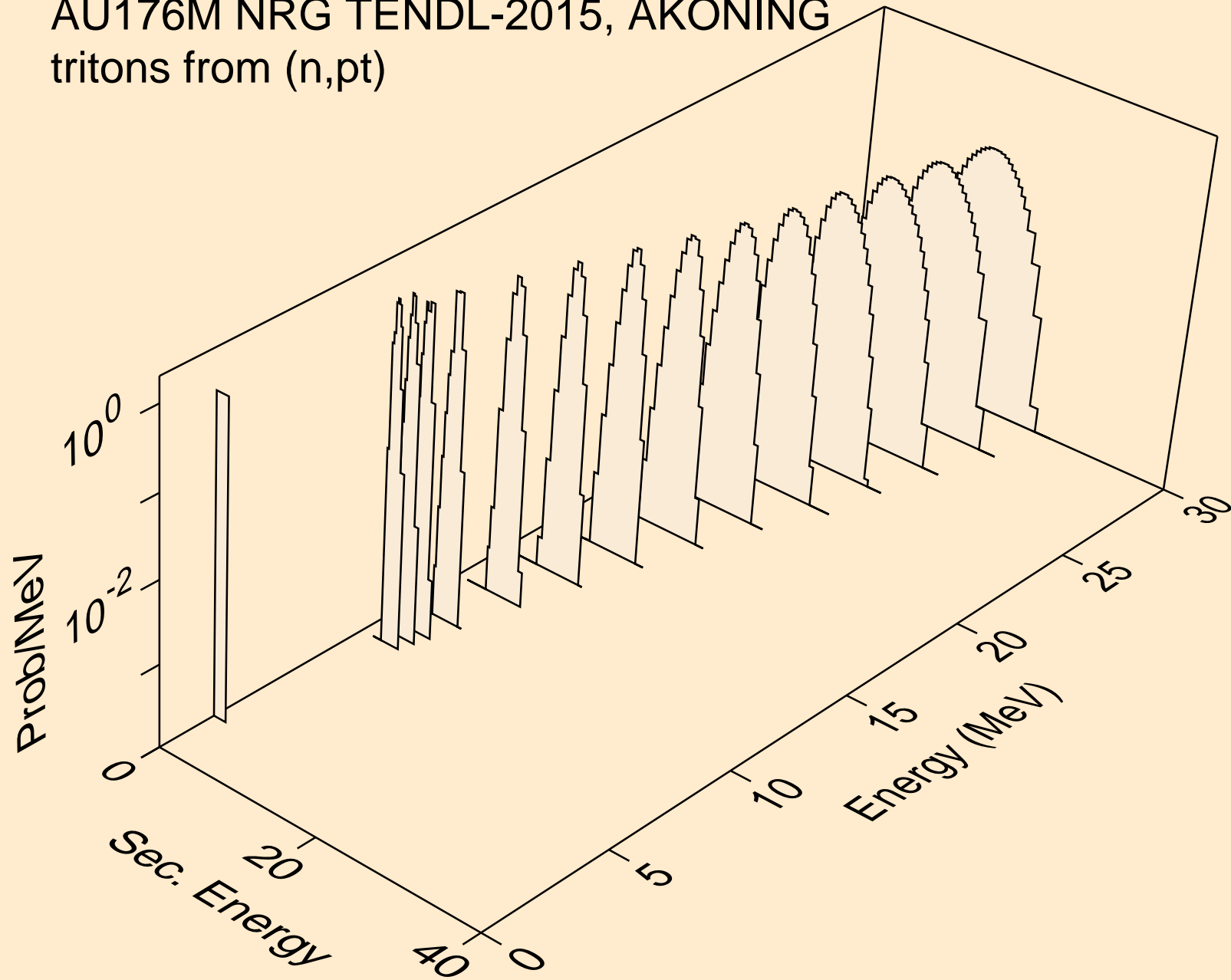
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tritons from (n,t)



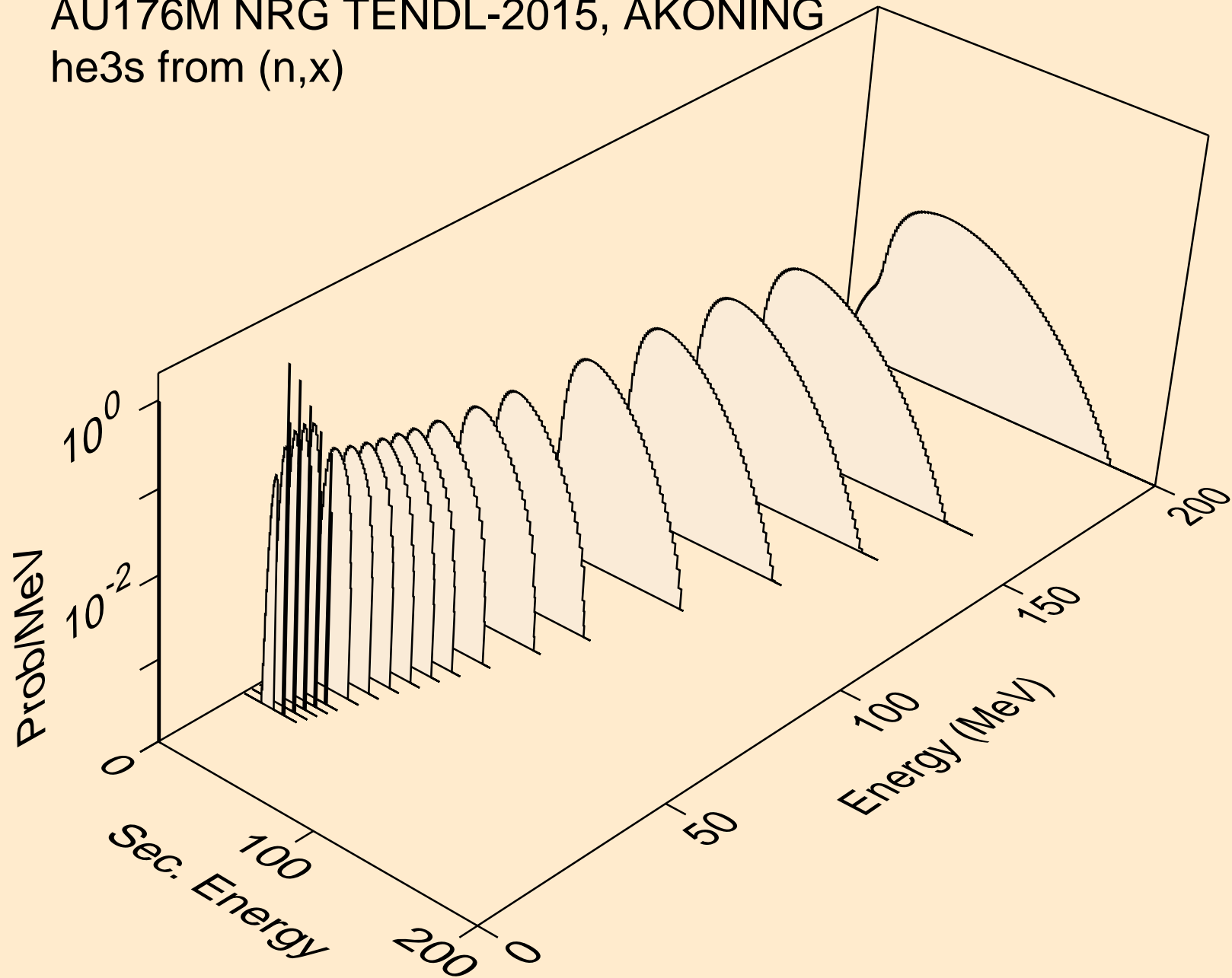
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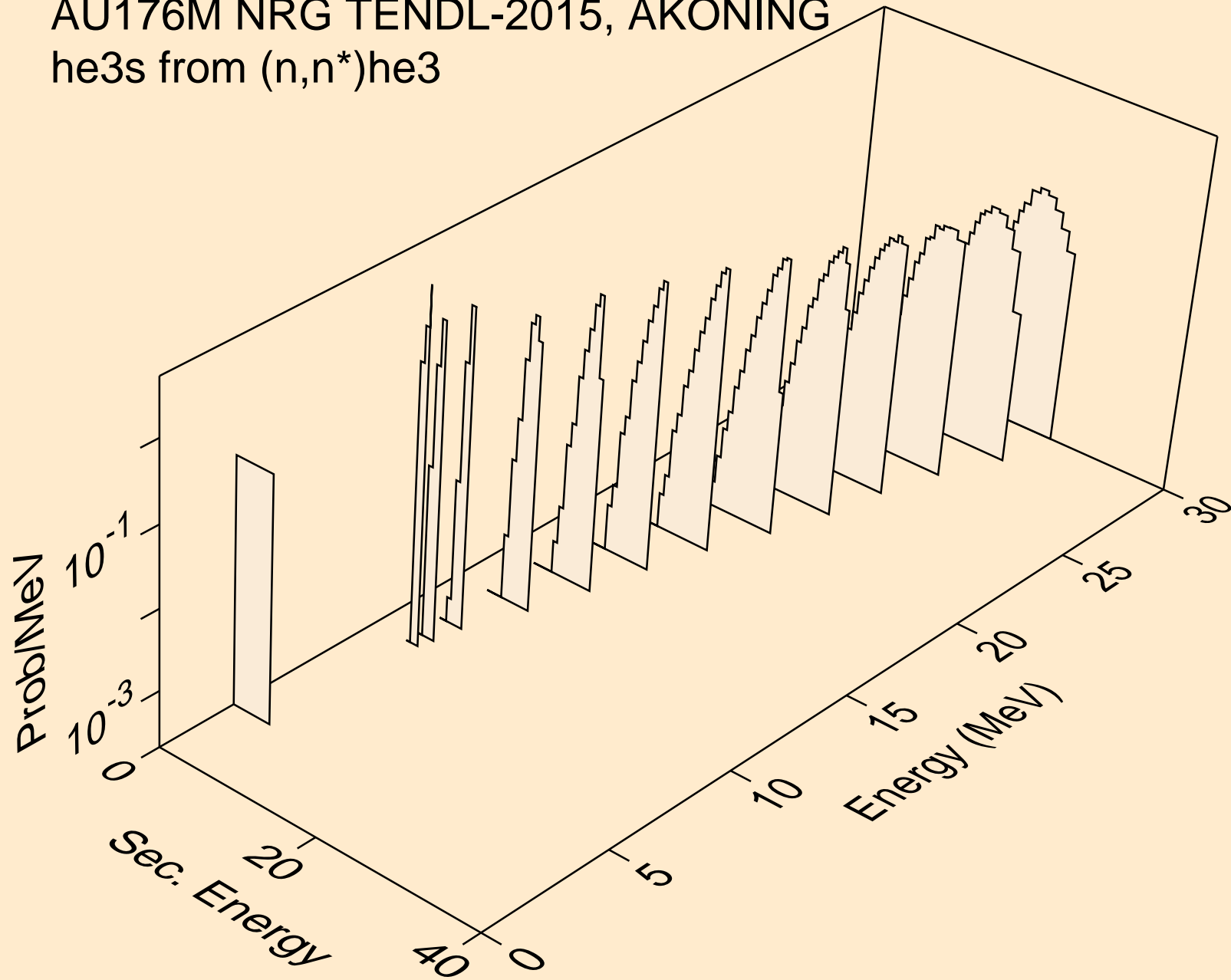
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tritons from (n,pt)



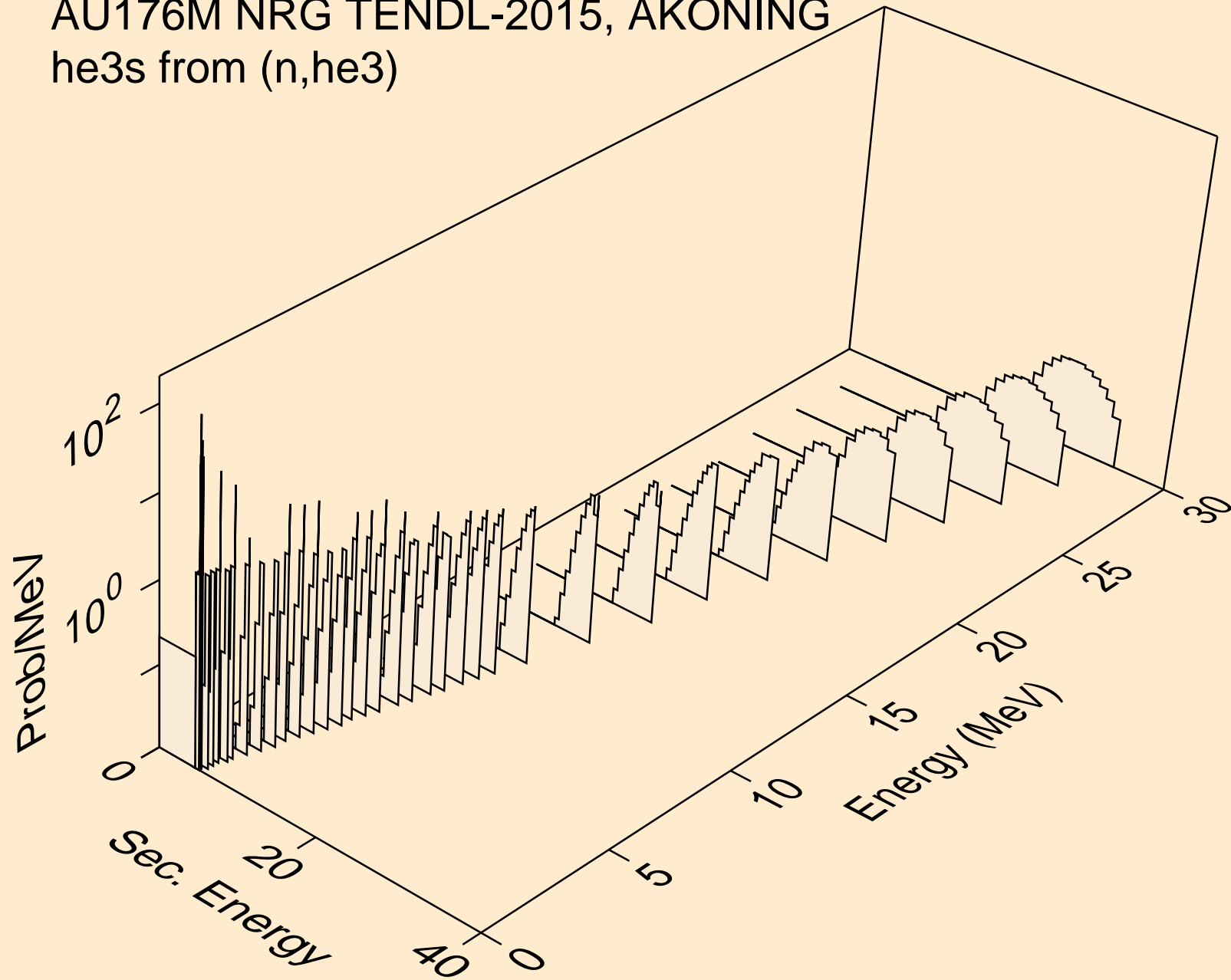
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he3s from (n,x)



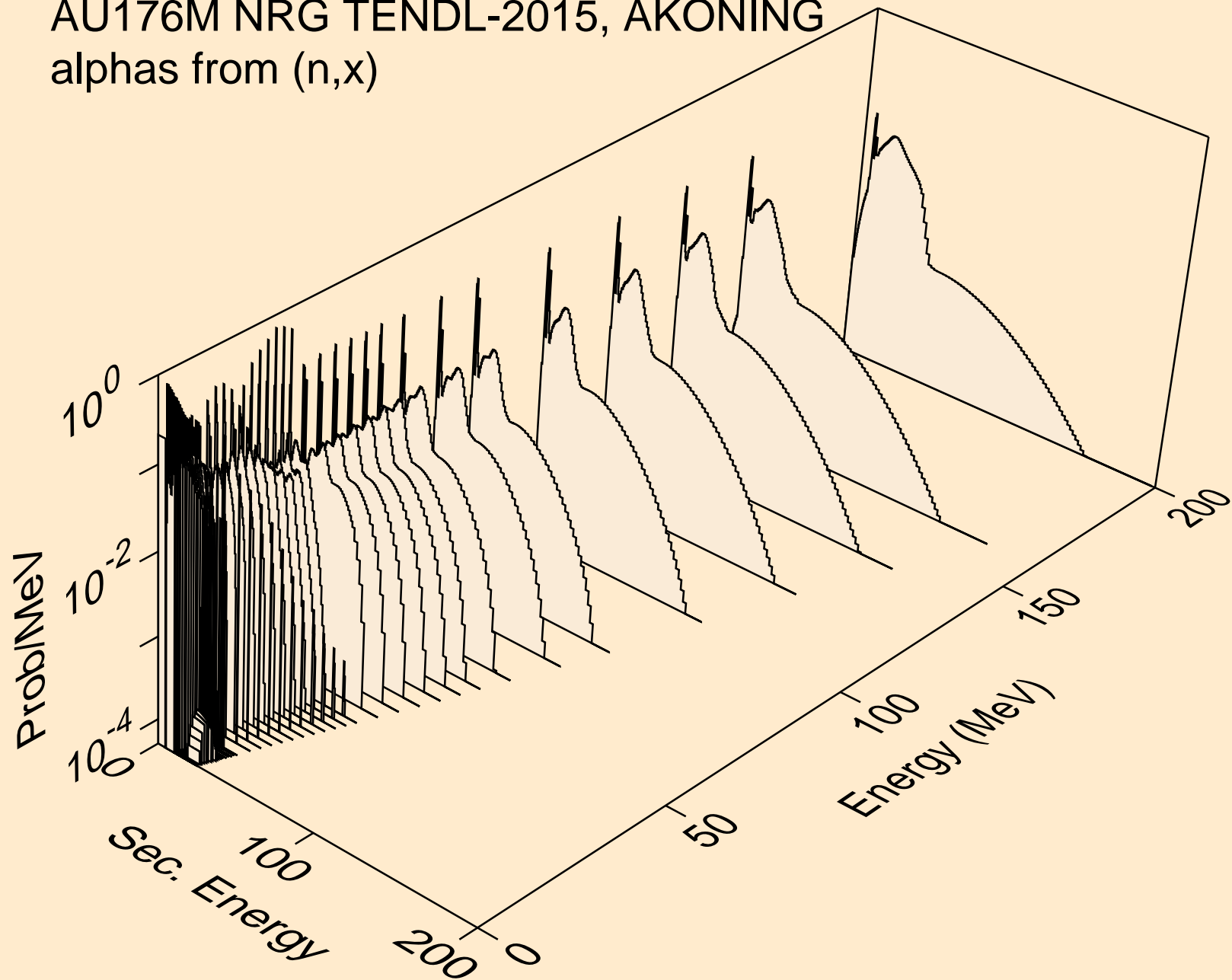
AU176M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



AU176M NRG TENDL-2015, AKONING  
he3s from (n,he3)

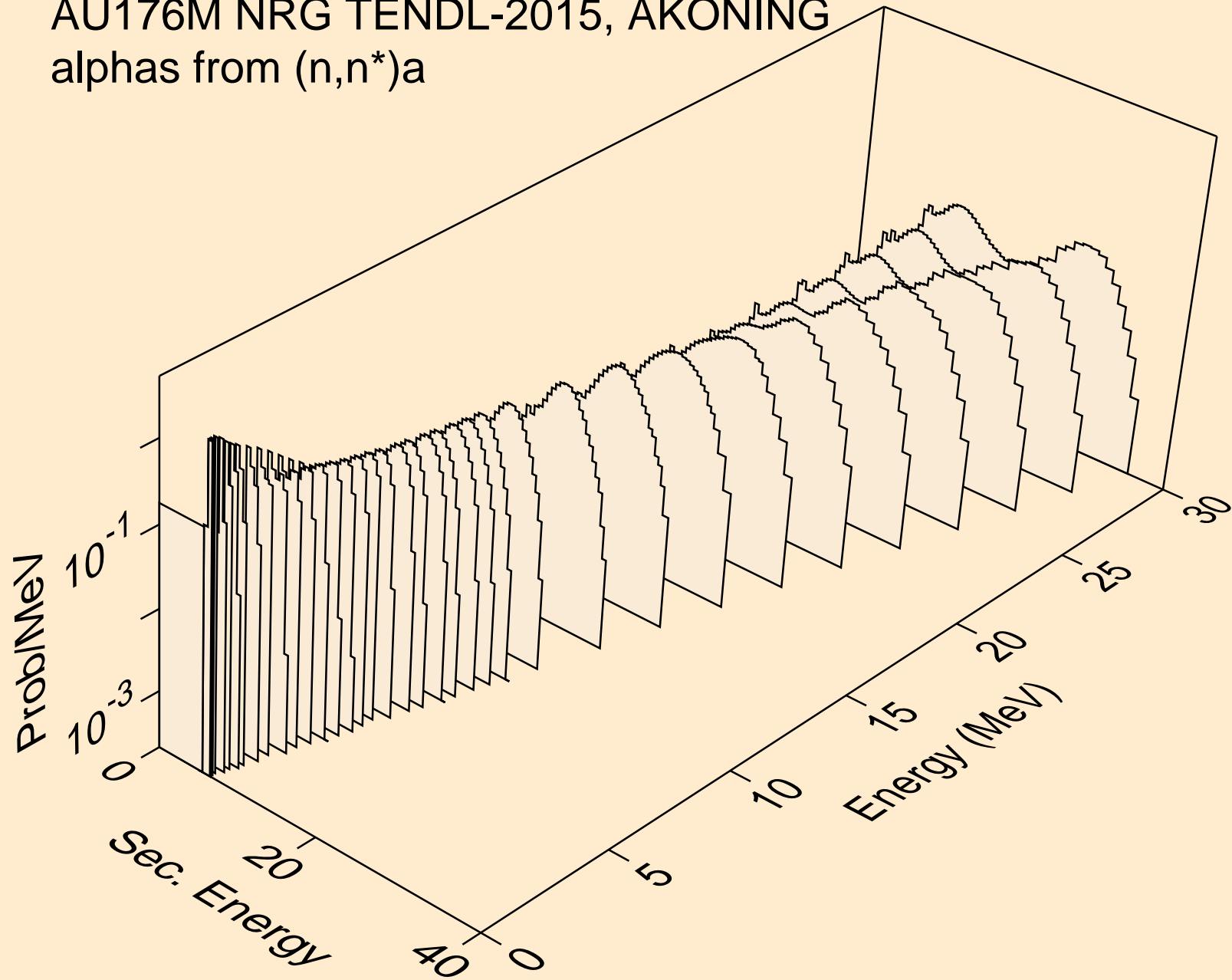


AU176M NRG TENDL-2015, AKONING  
alphas from (n,x)

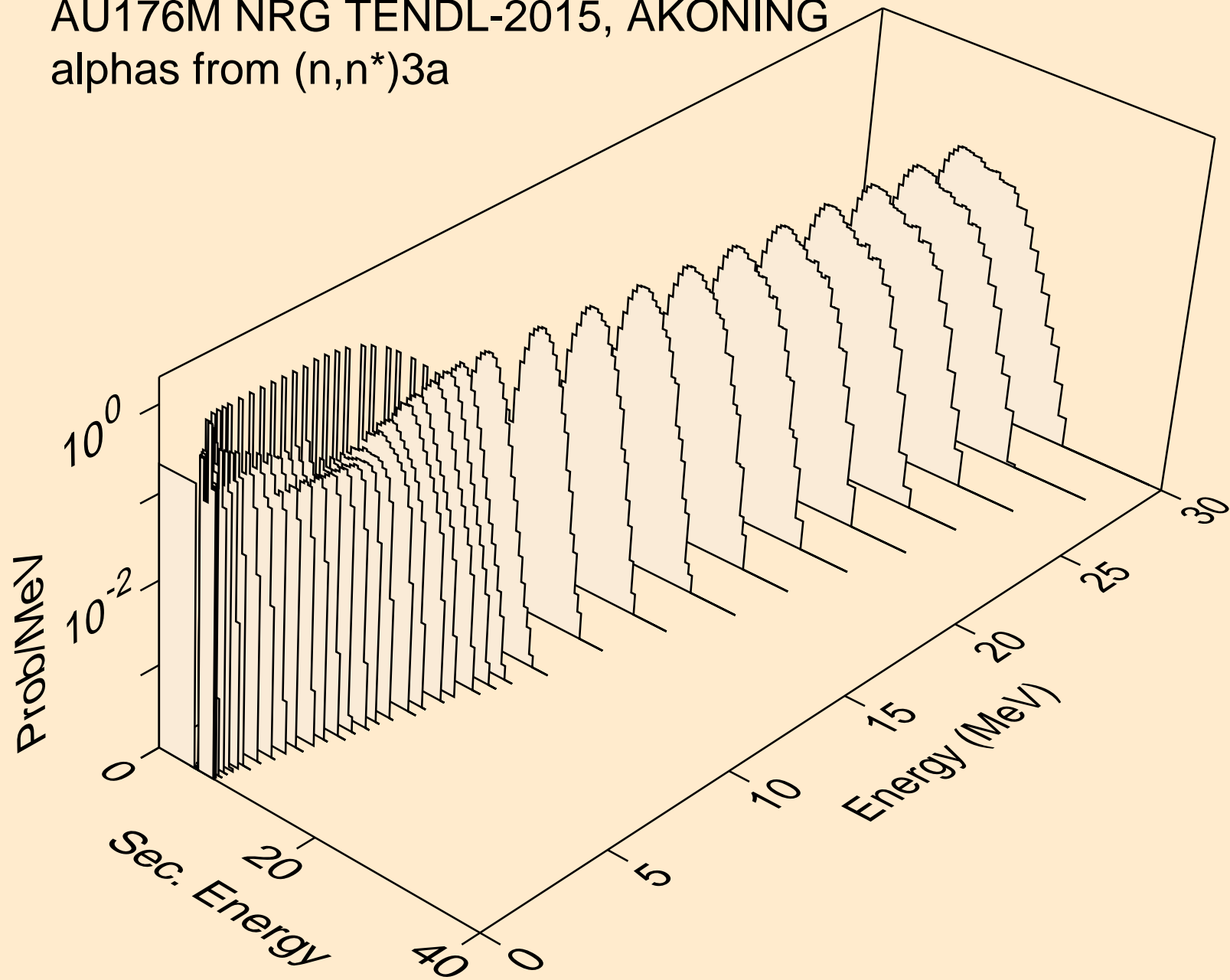




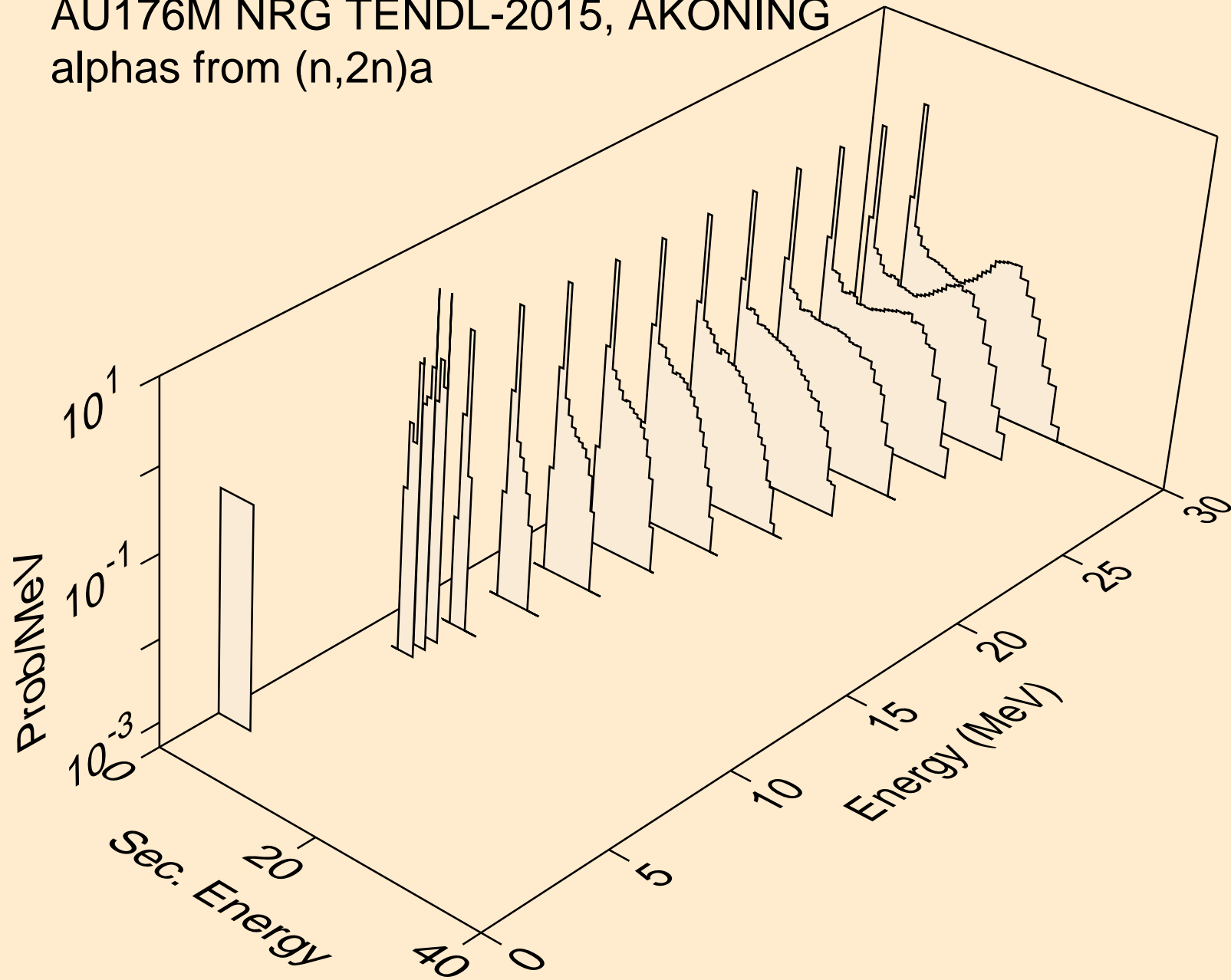
AU176M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



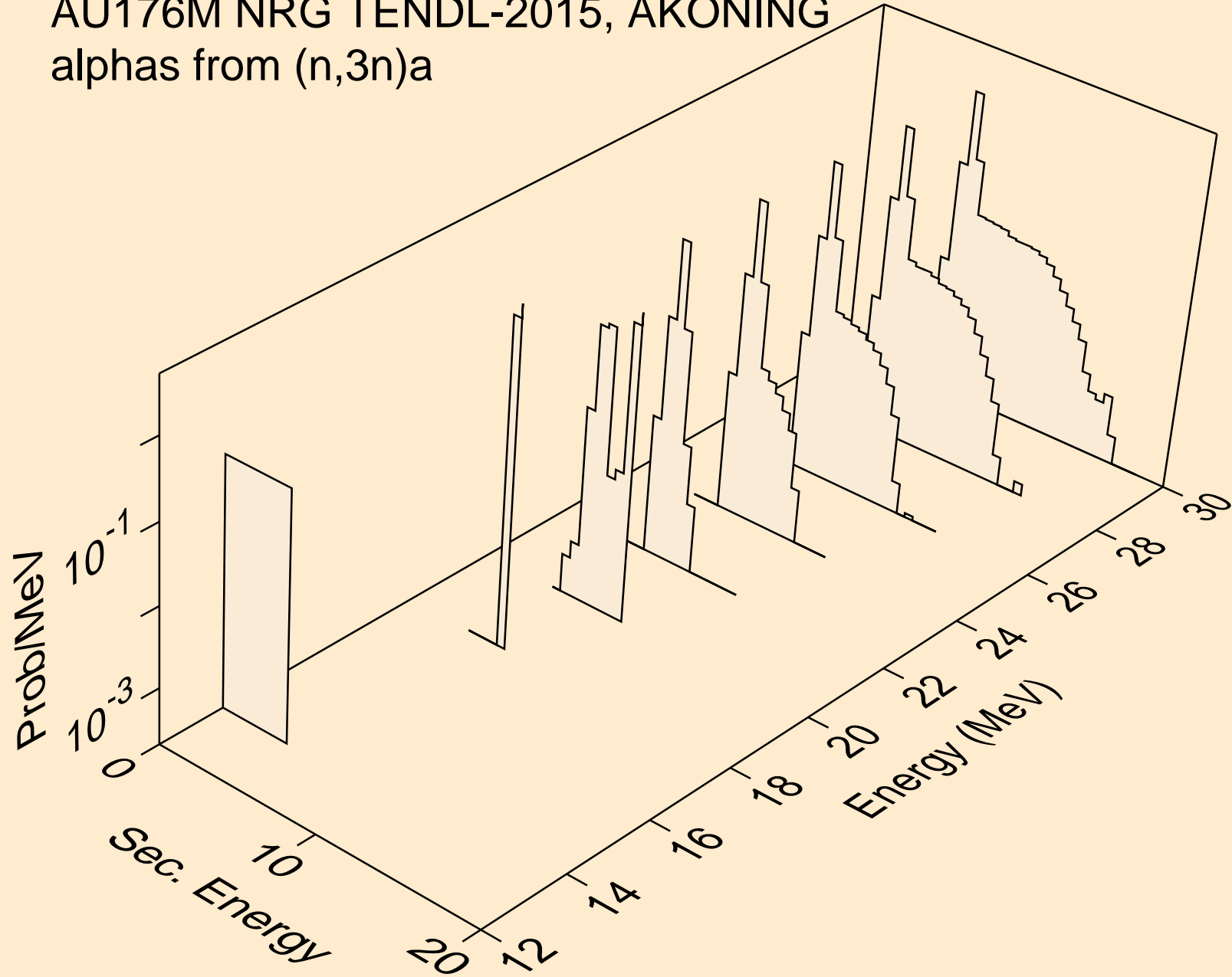
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alphas from (n,n\*)3a



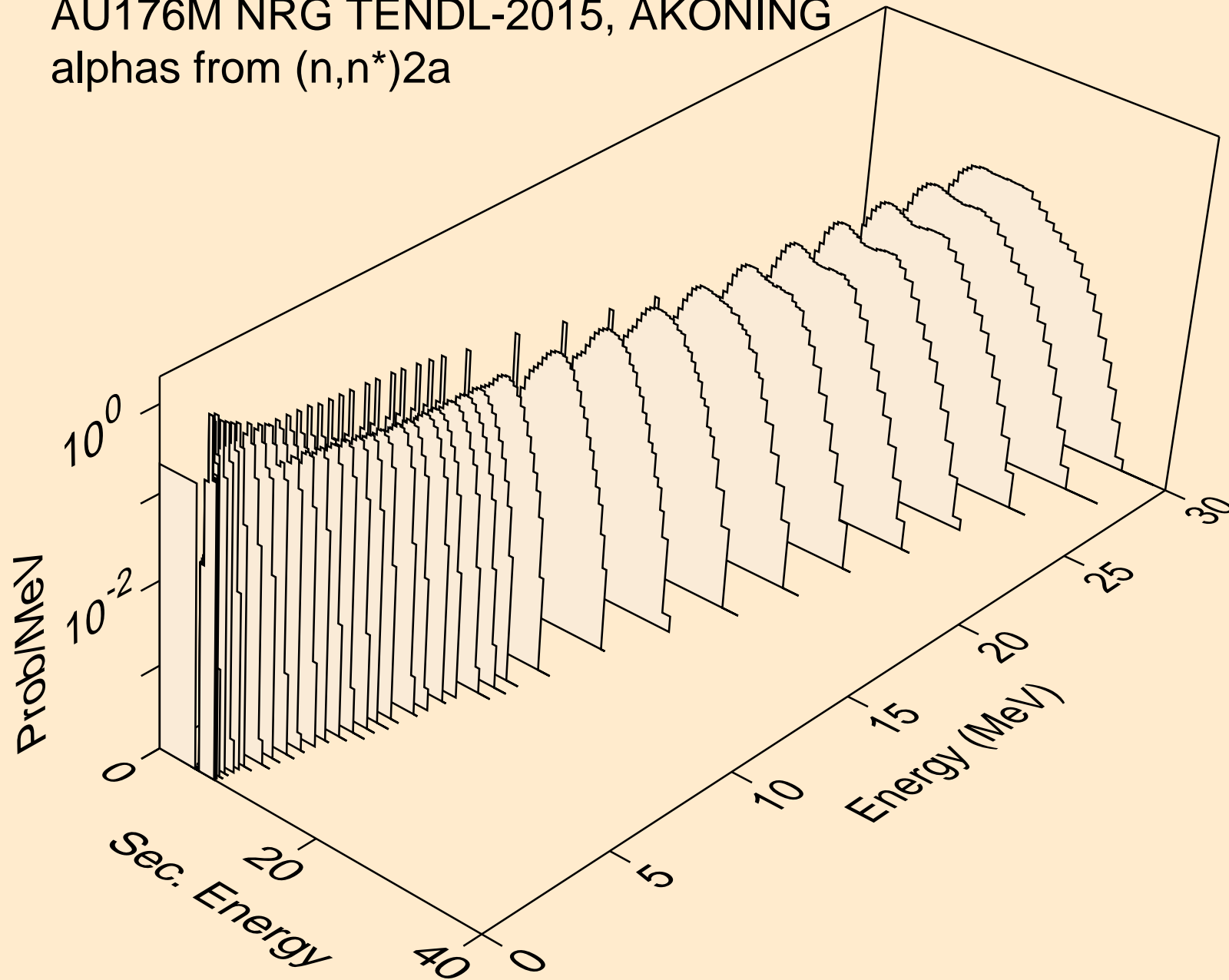
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alphas from (n,2n)a



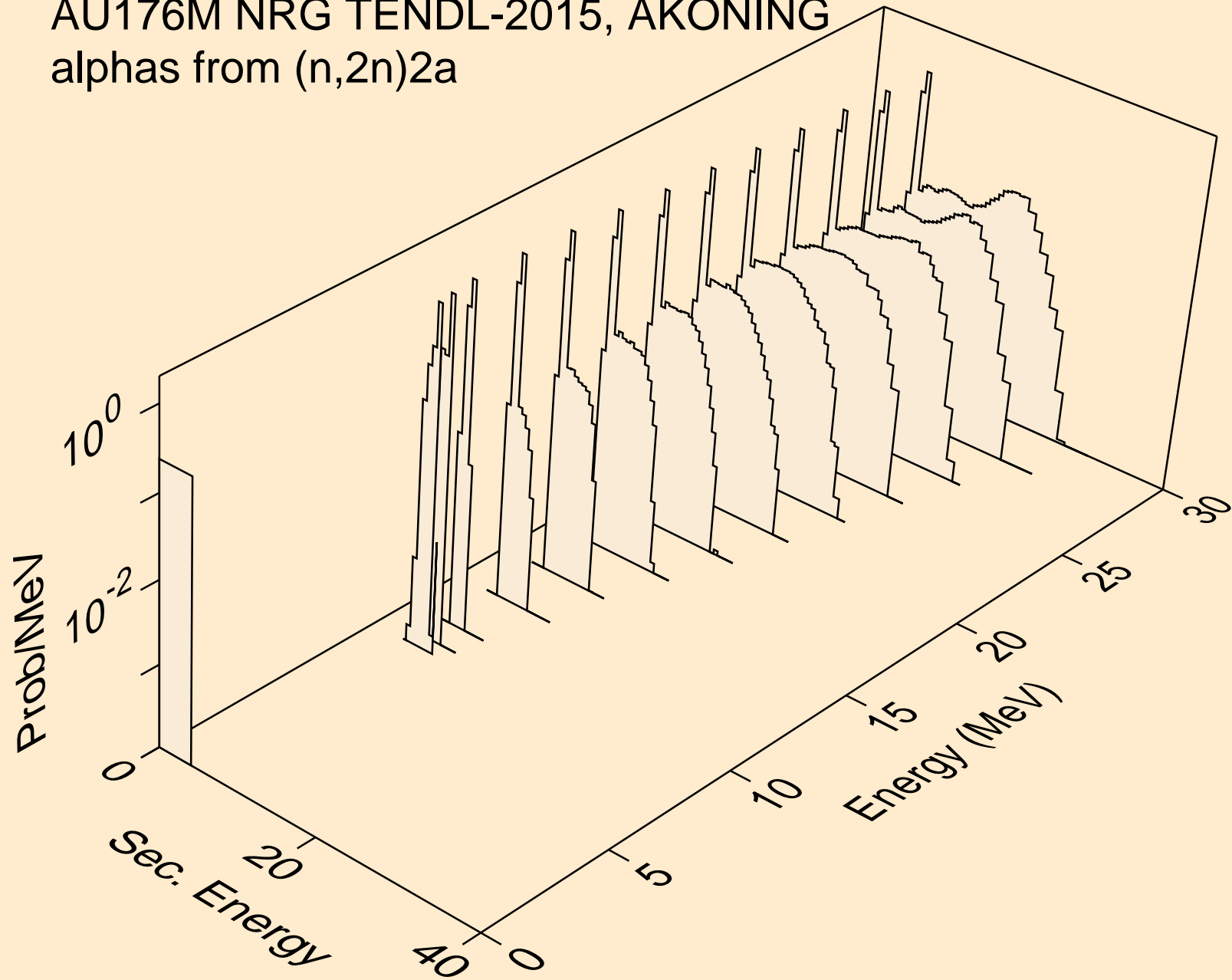
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alphas from (n,3n)a



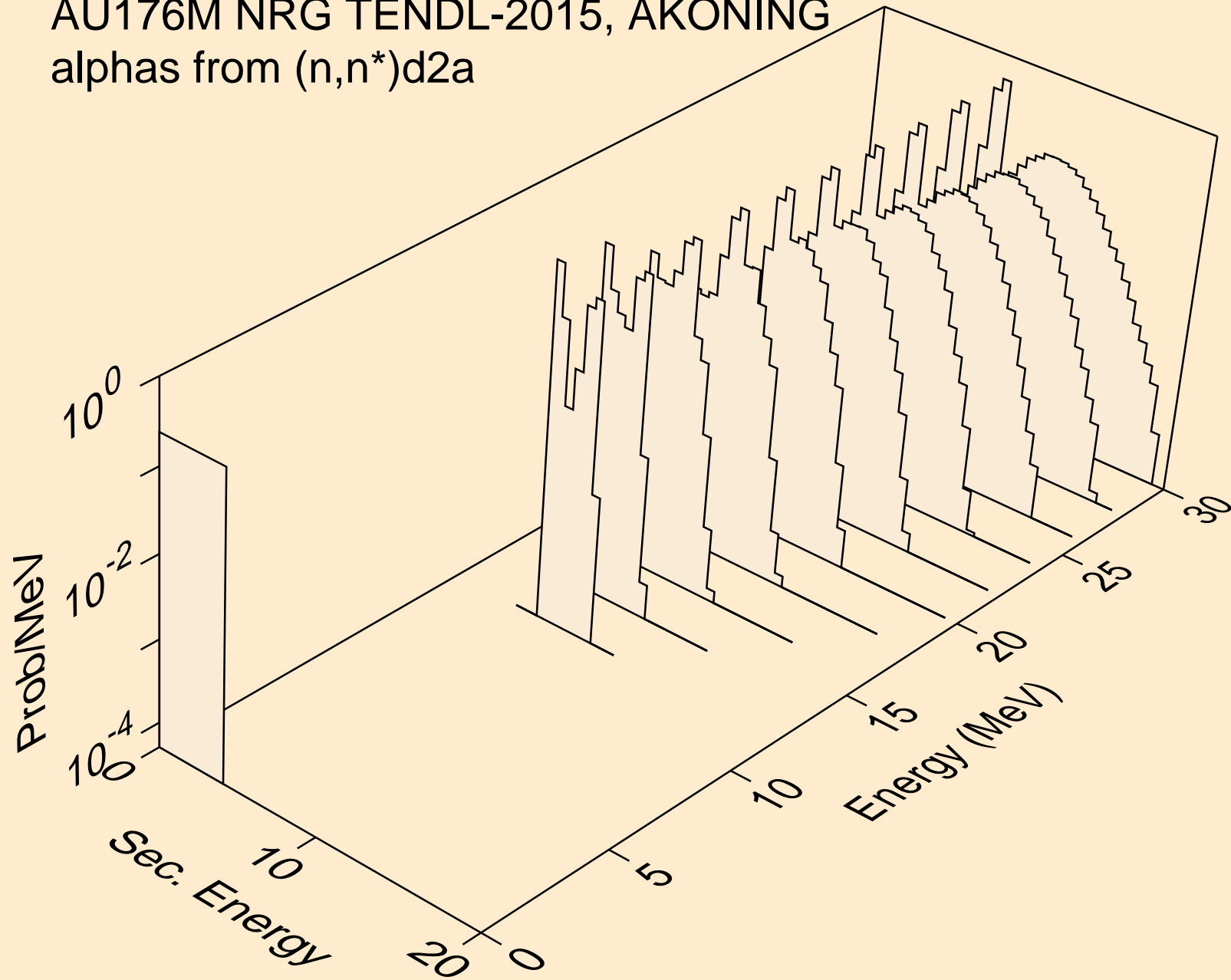
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alphas from (n,n\*)2a



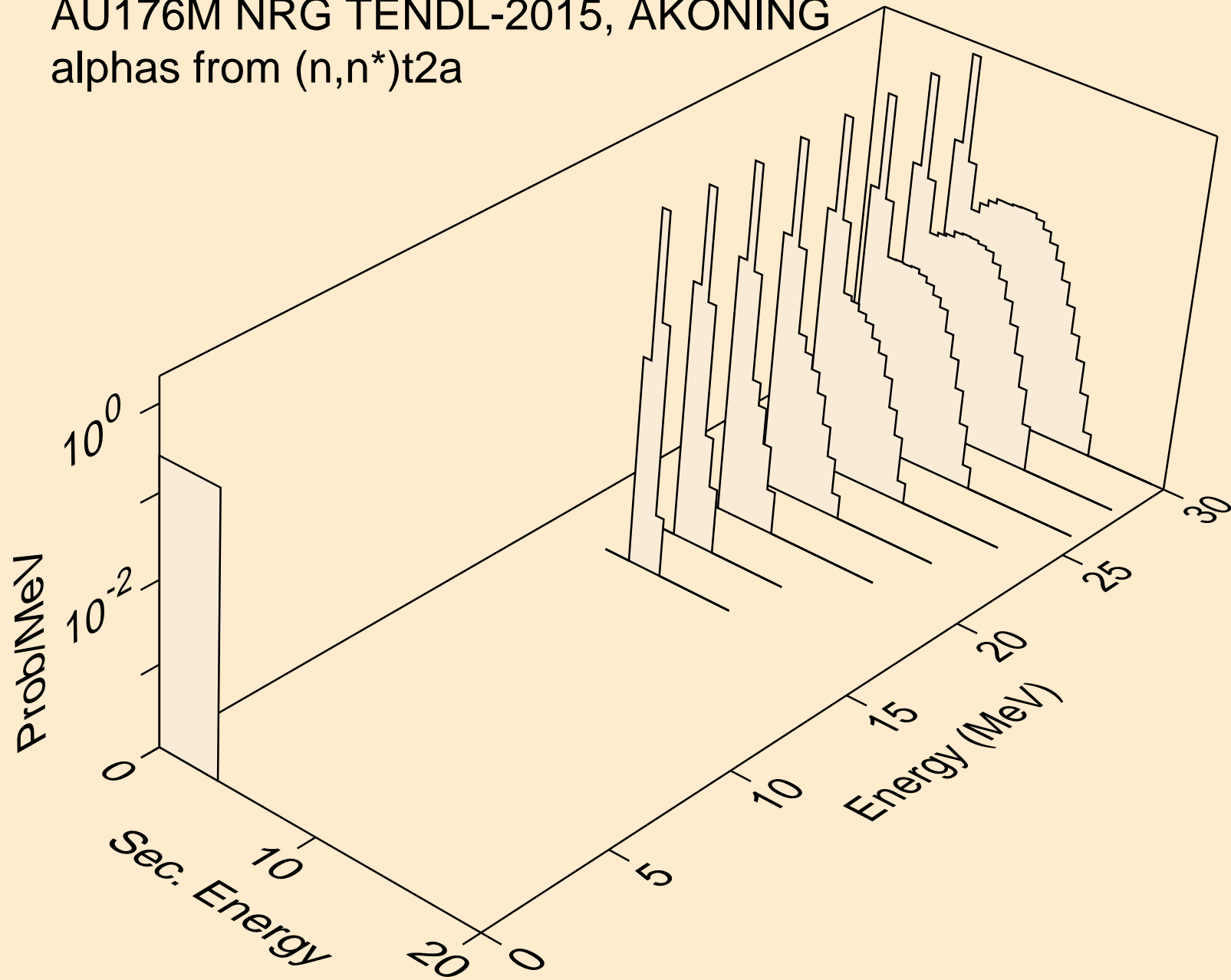
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alphas from (n,2n)2a



AU176M NRG TENDL-2015, AKONING  
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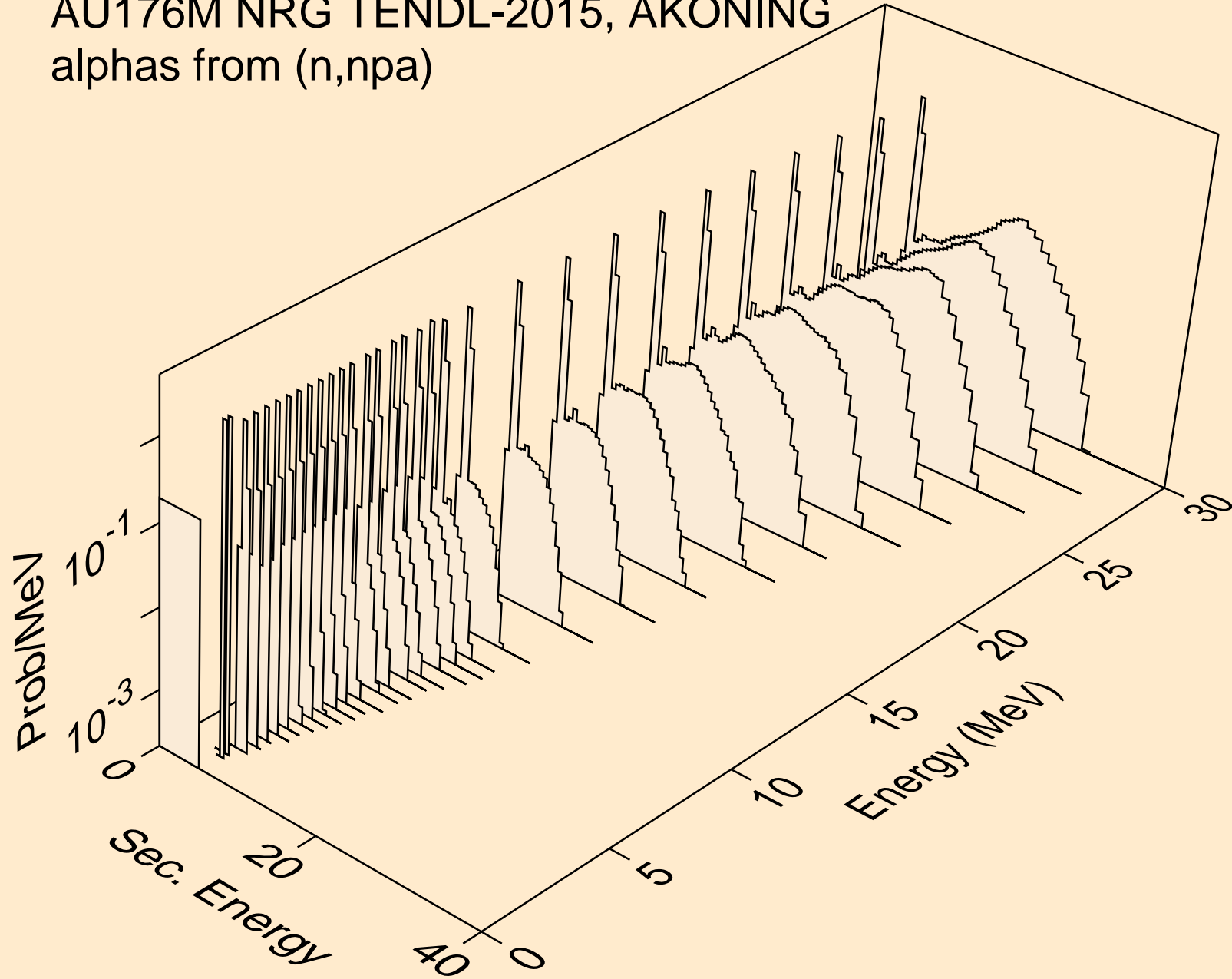


AU176M NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a

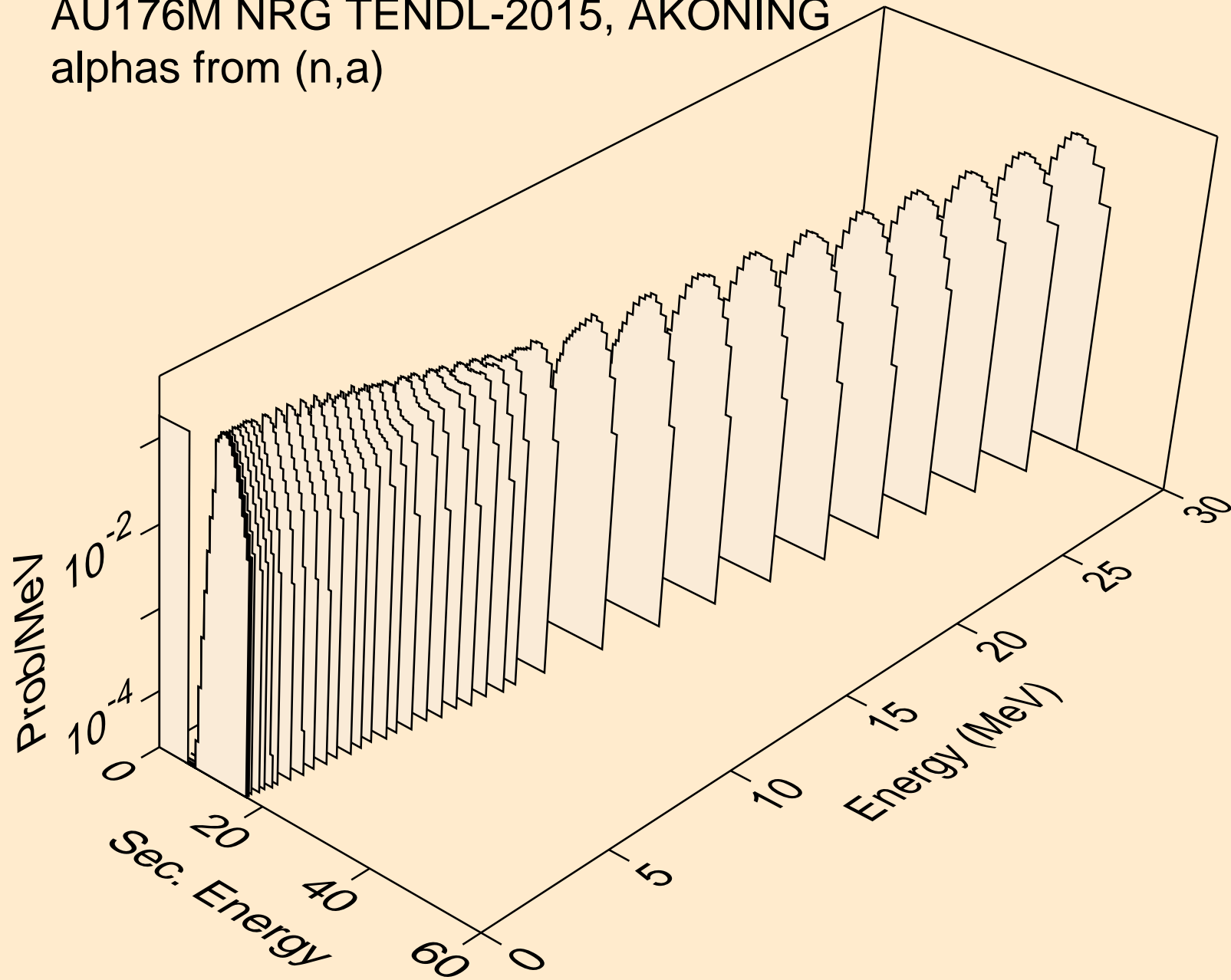




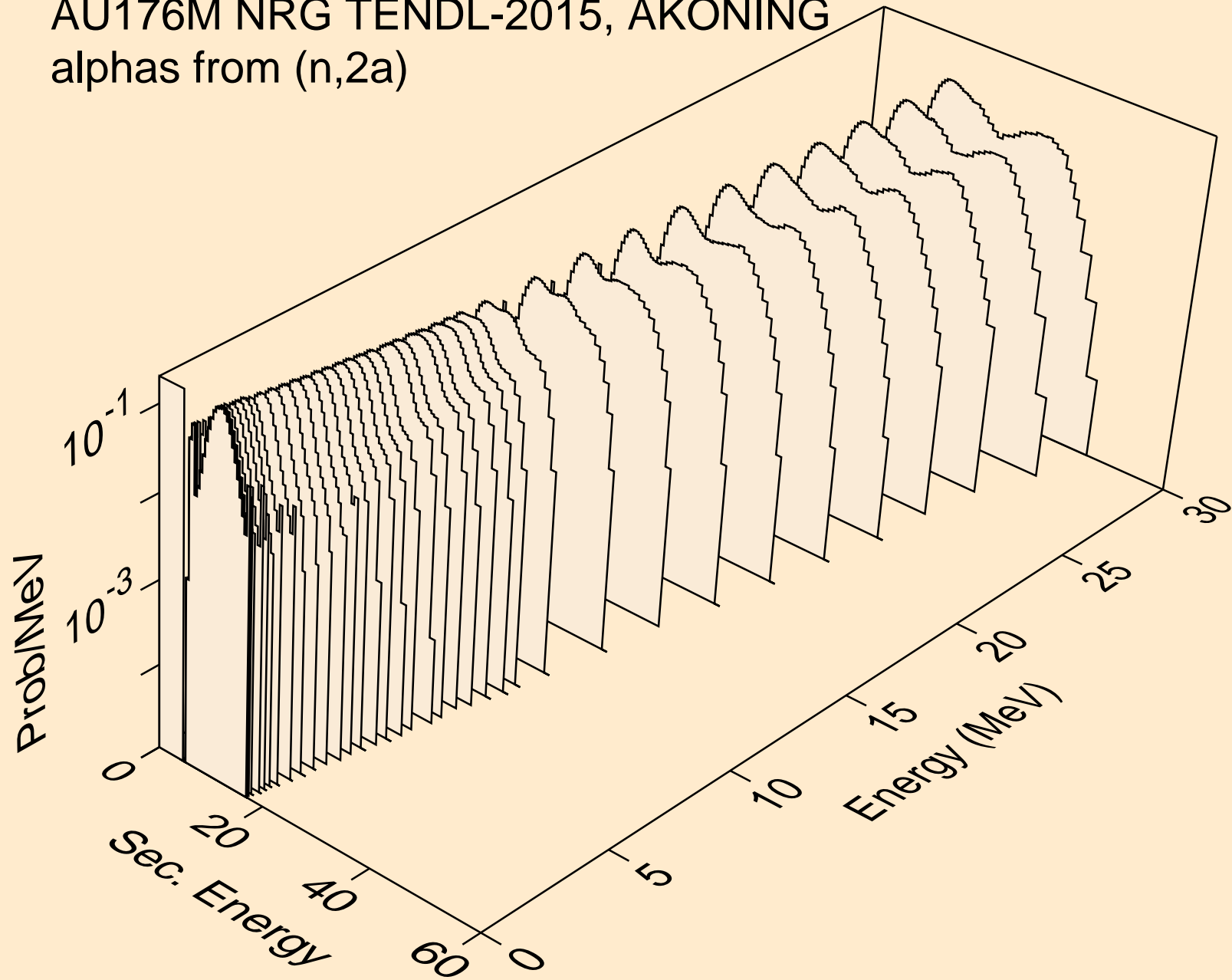
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alphas from (n,npa)



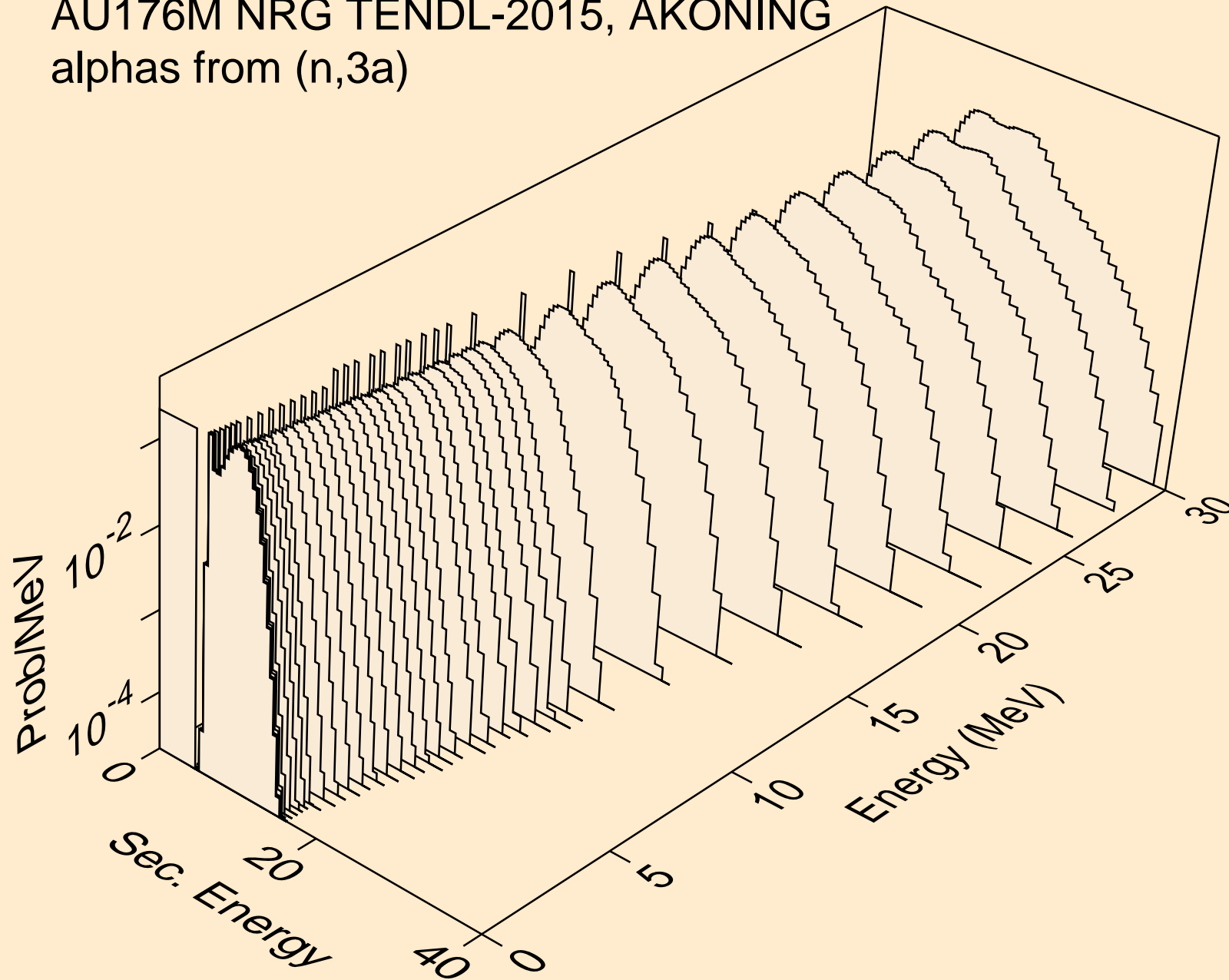
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alphas from (n,a)



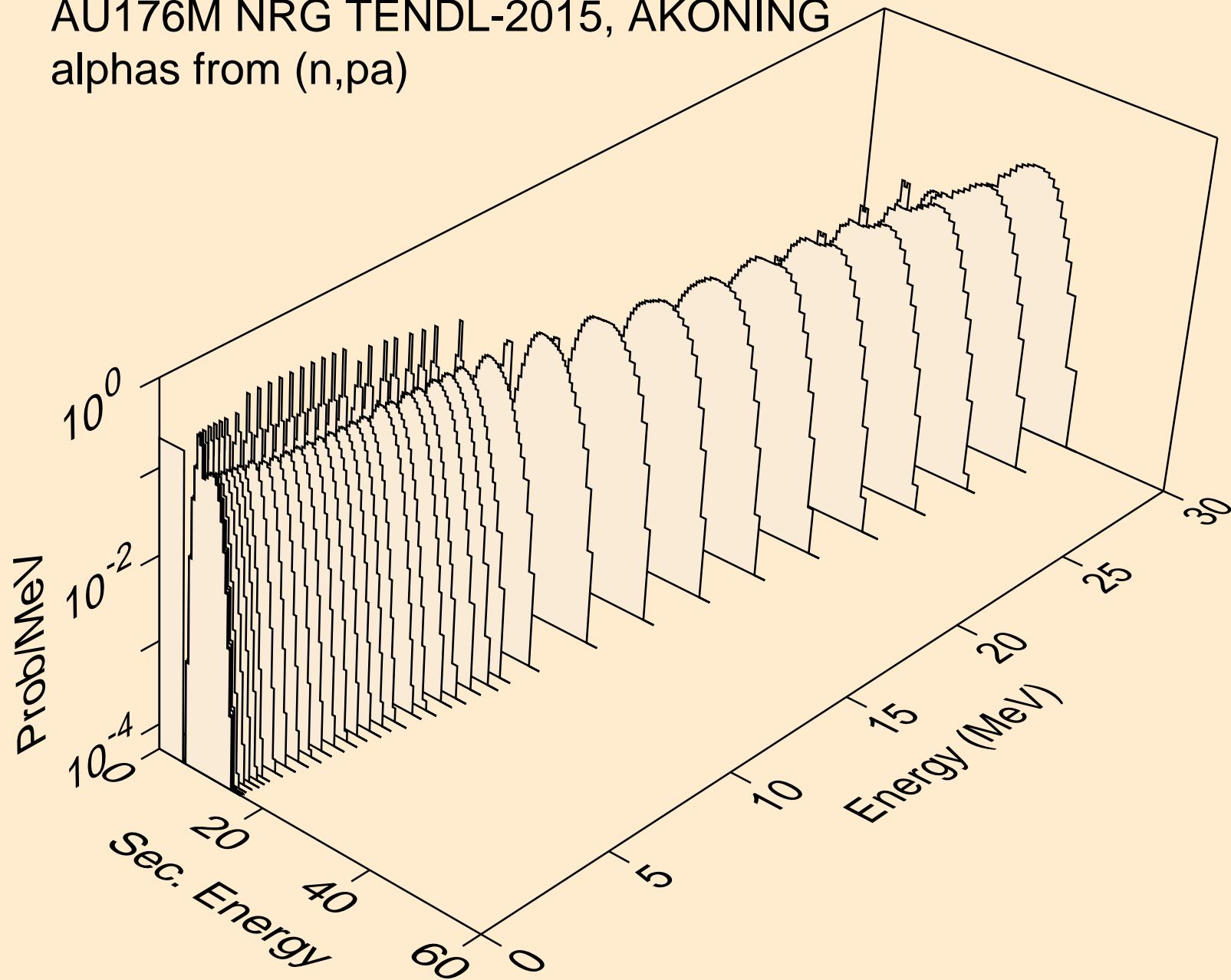
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alphas from (n,2a)



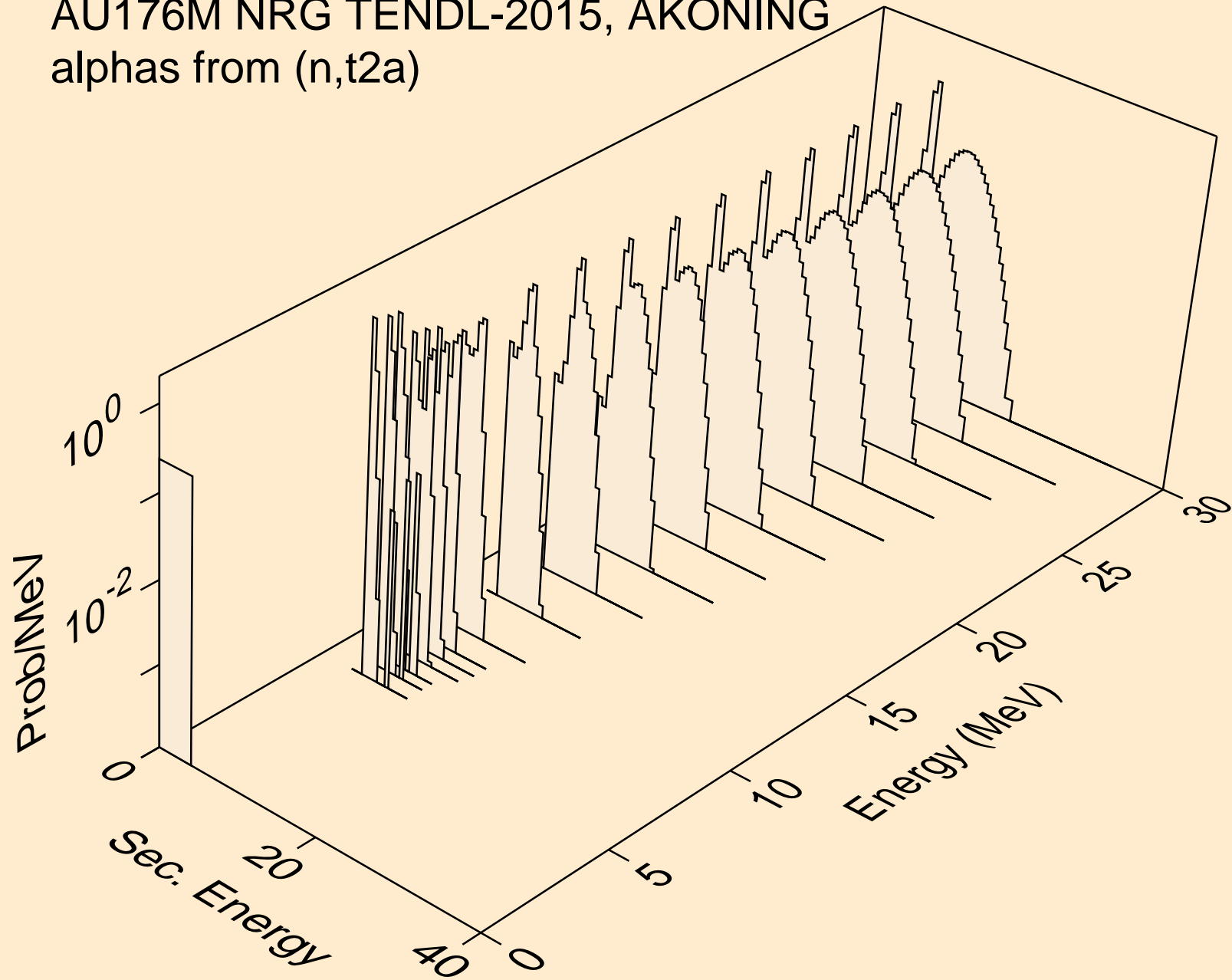
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alphas from (n,3a)



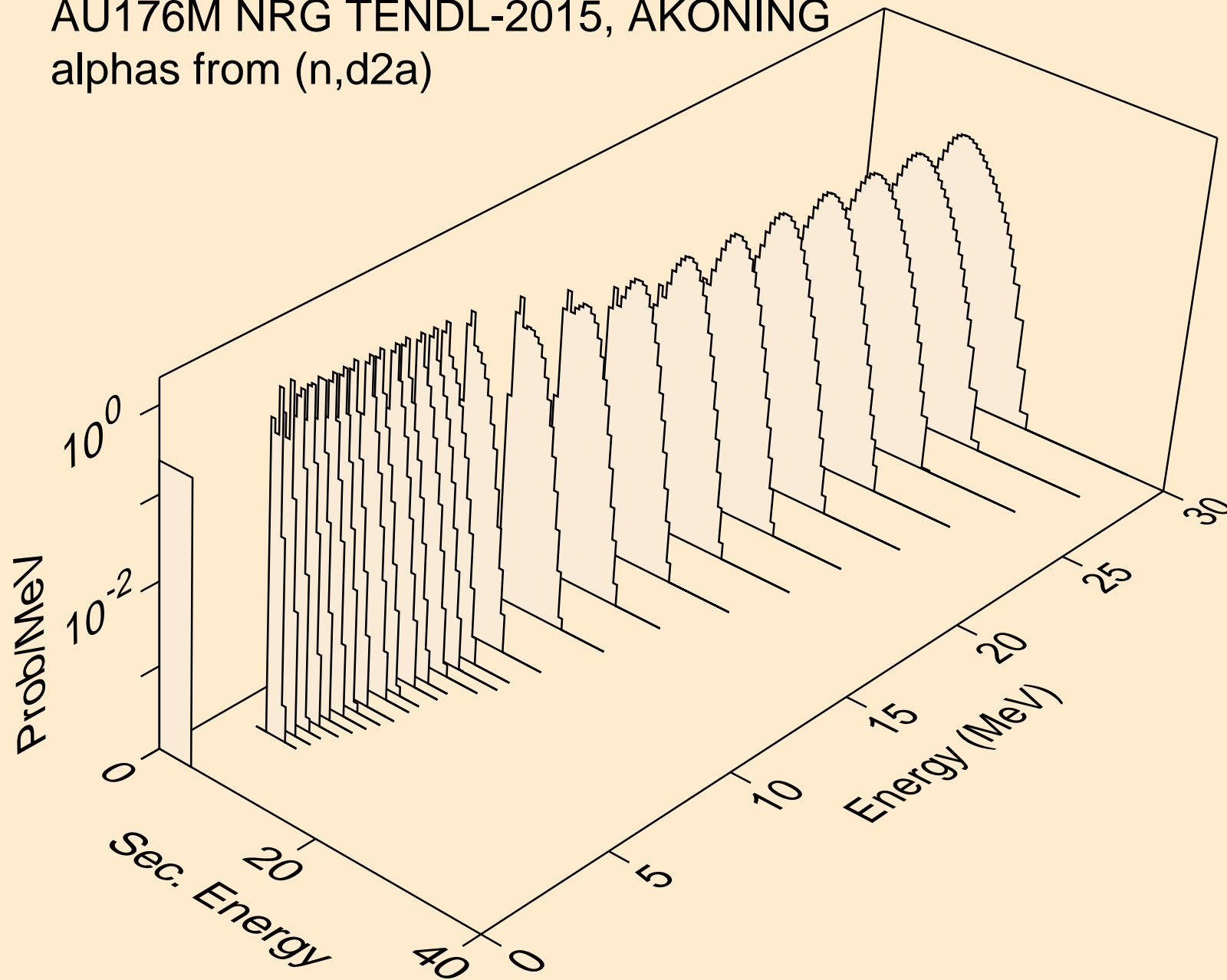
AU176M NRG TENDL-2015, AKONING  
alphas from (n,pa)



AU176M NRG TENDL-2015, AKONING  
alphas from (n,t2a)



AU176M NRG TENDL-2015, AKONING  
alphas from (n,d2a)



AU176M NRG TENDL-2015, AKONING  
alphas from (n,da)

