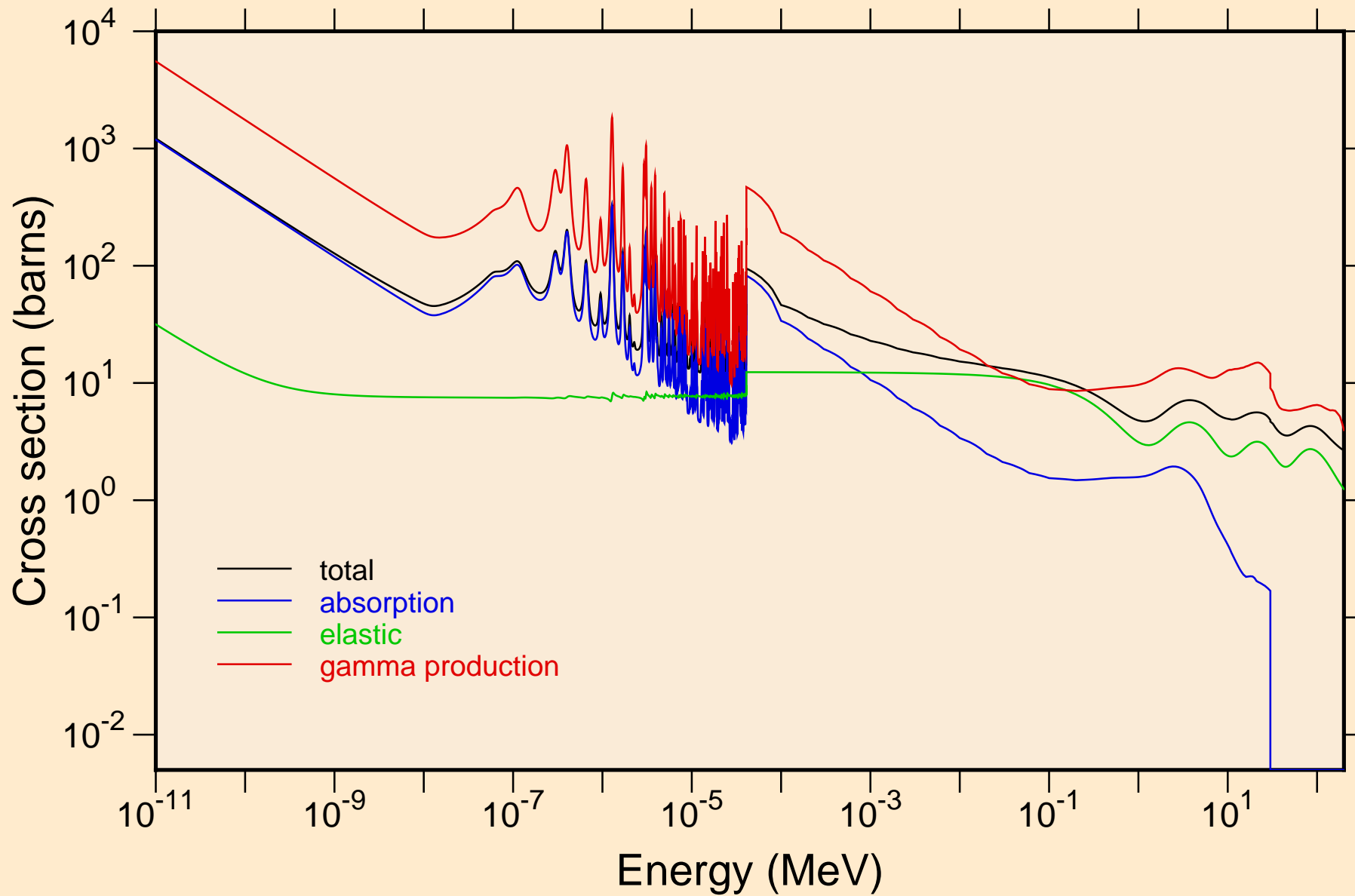
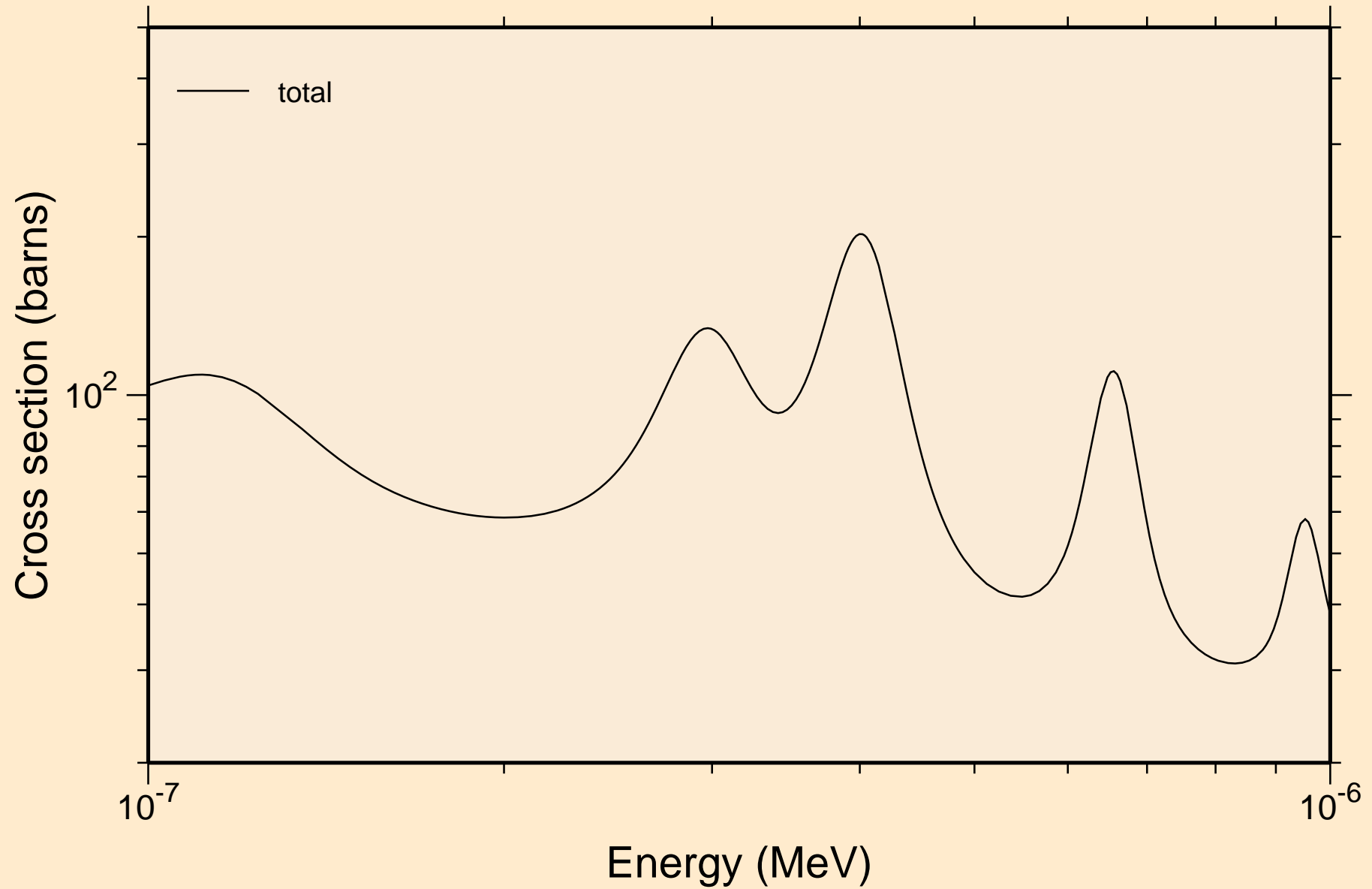


# AT197M NRG TENDL-2015, AKONING

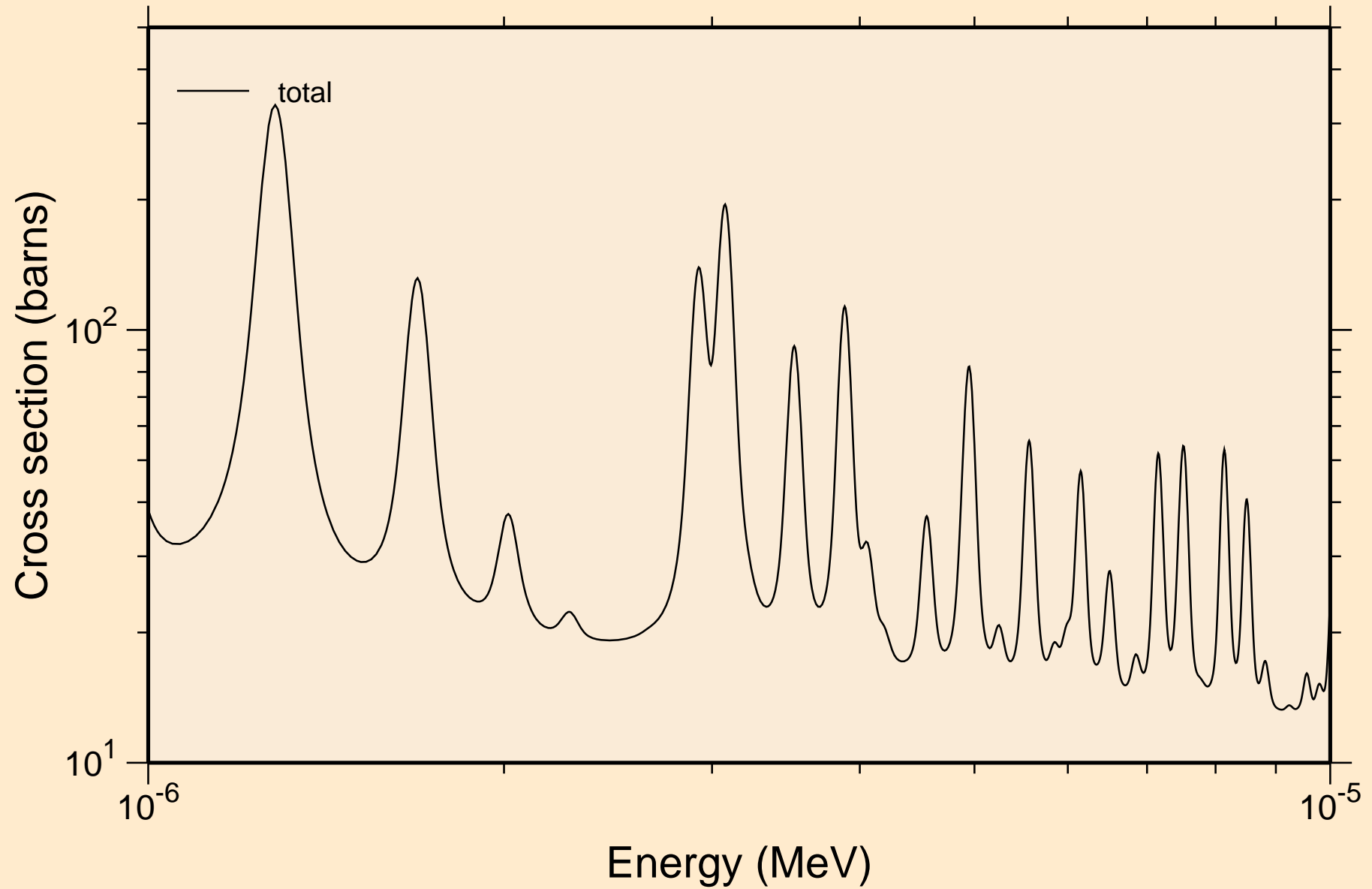
## Principal cross sections



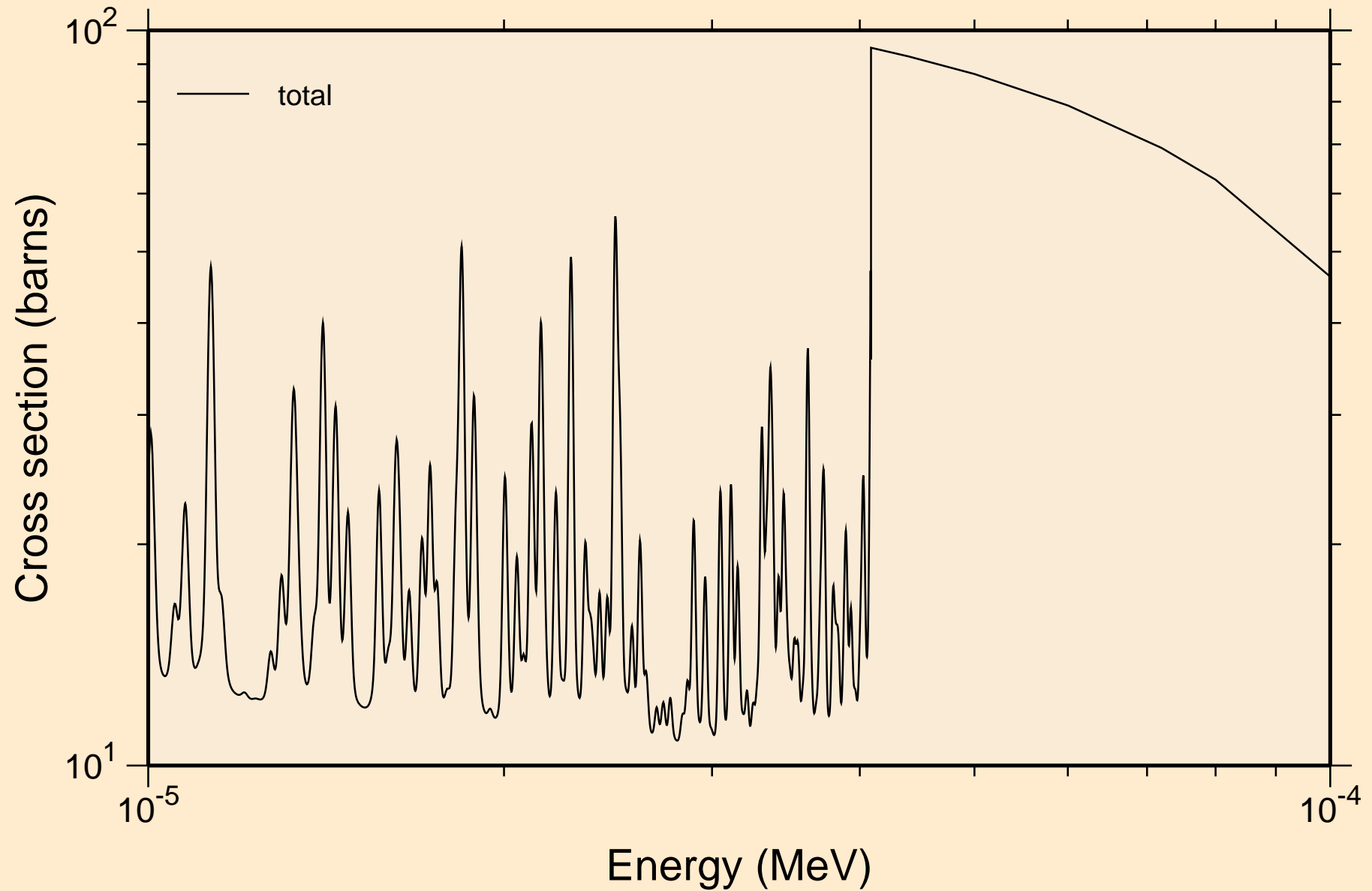
AT197M NRG TENDL-2015, AKONING  
resonance total cross section



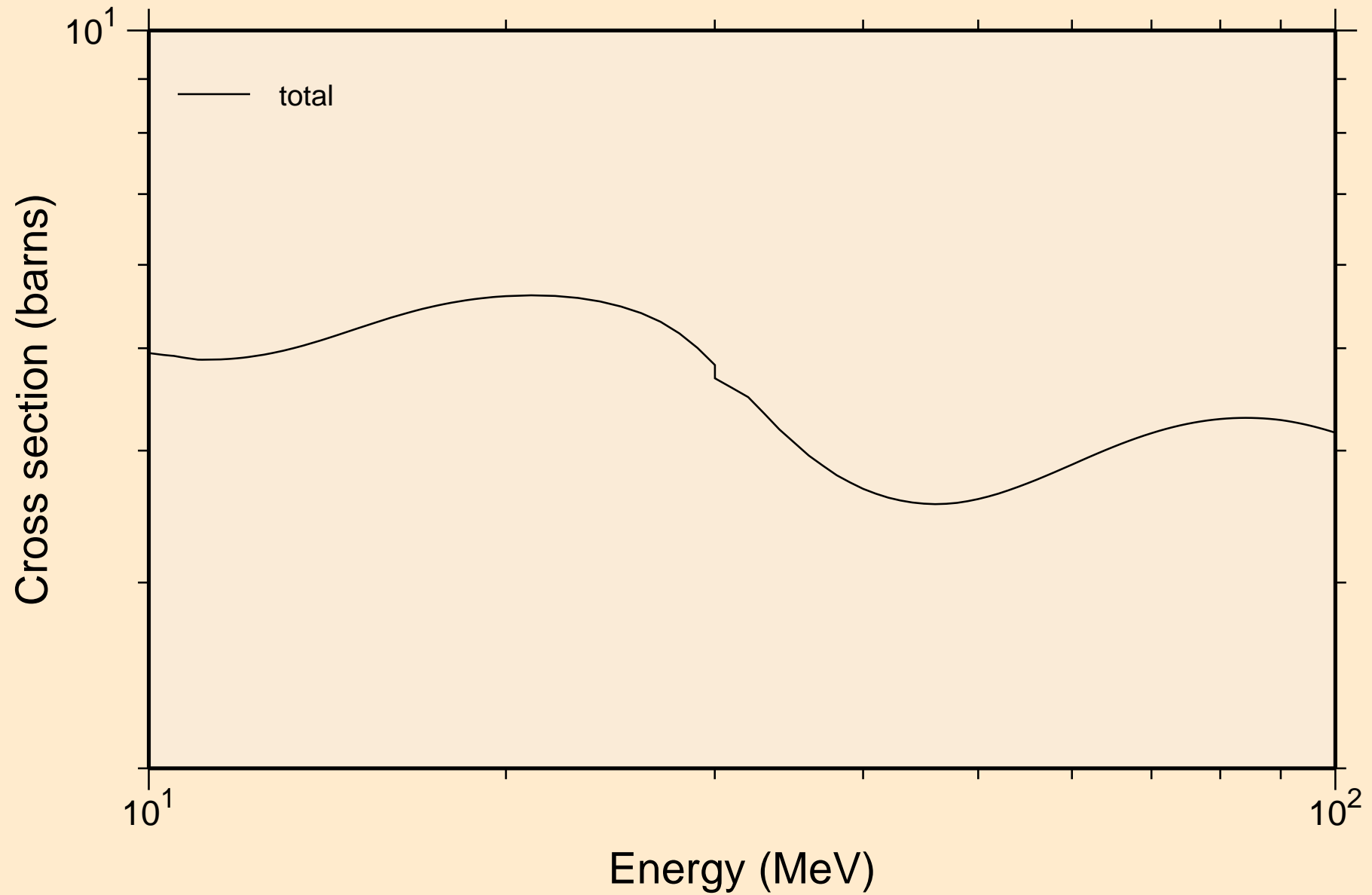
AT197M NRG TENDL-2015, AKONING  
resonance total cross section



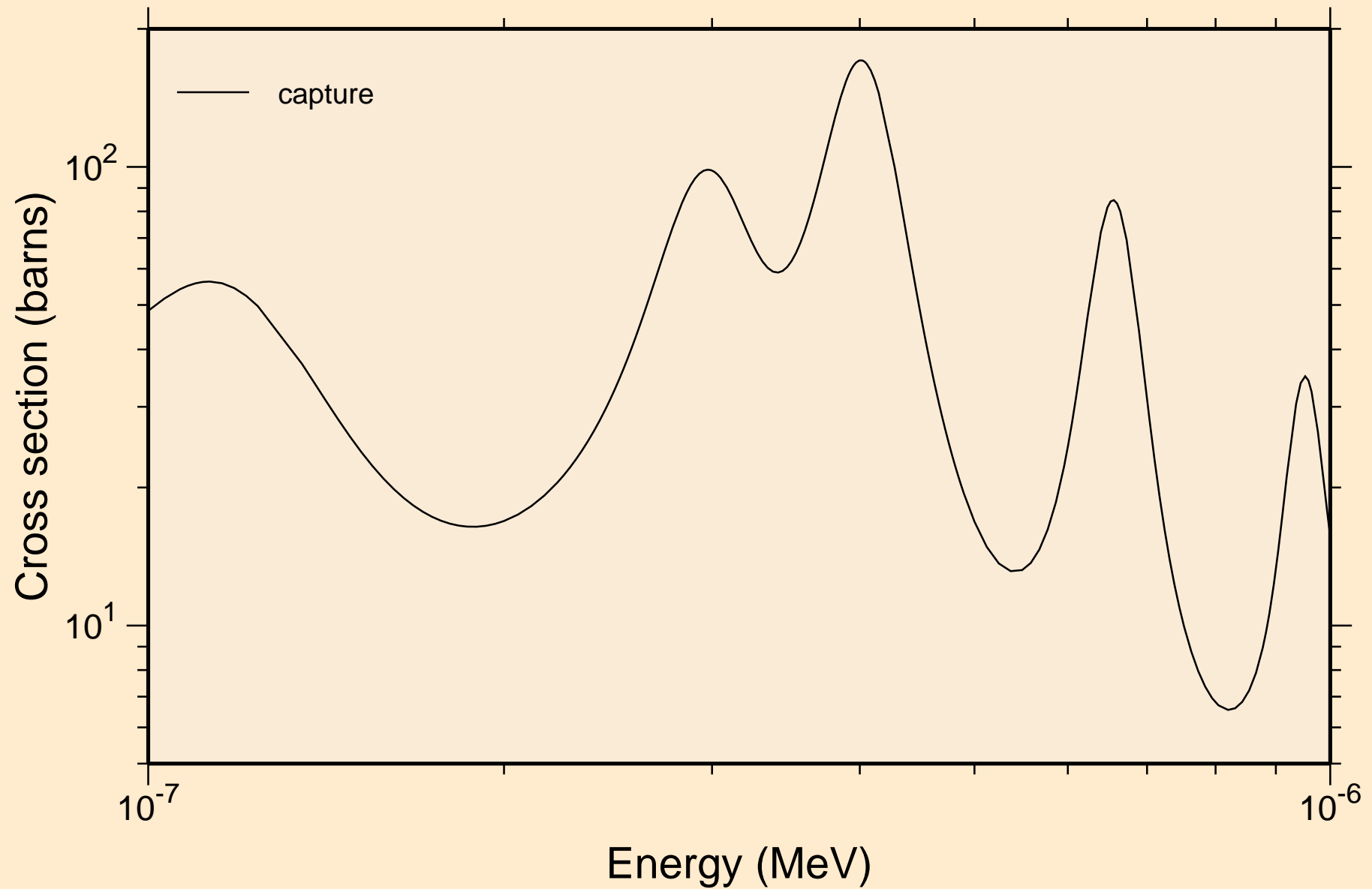
AT197M NRG TENDL-2015, AKONING  
resonance total cross section



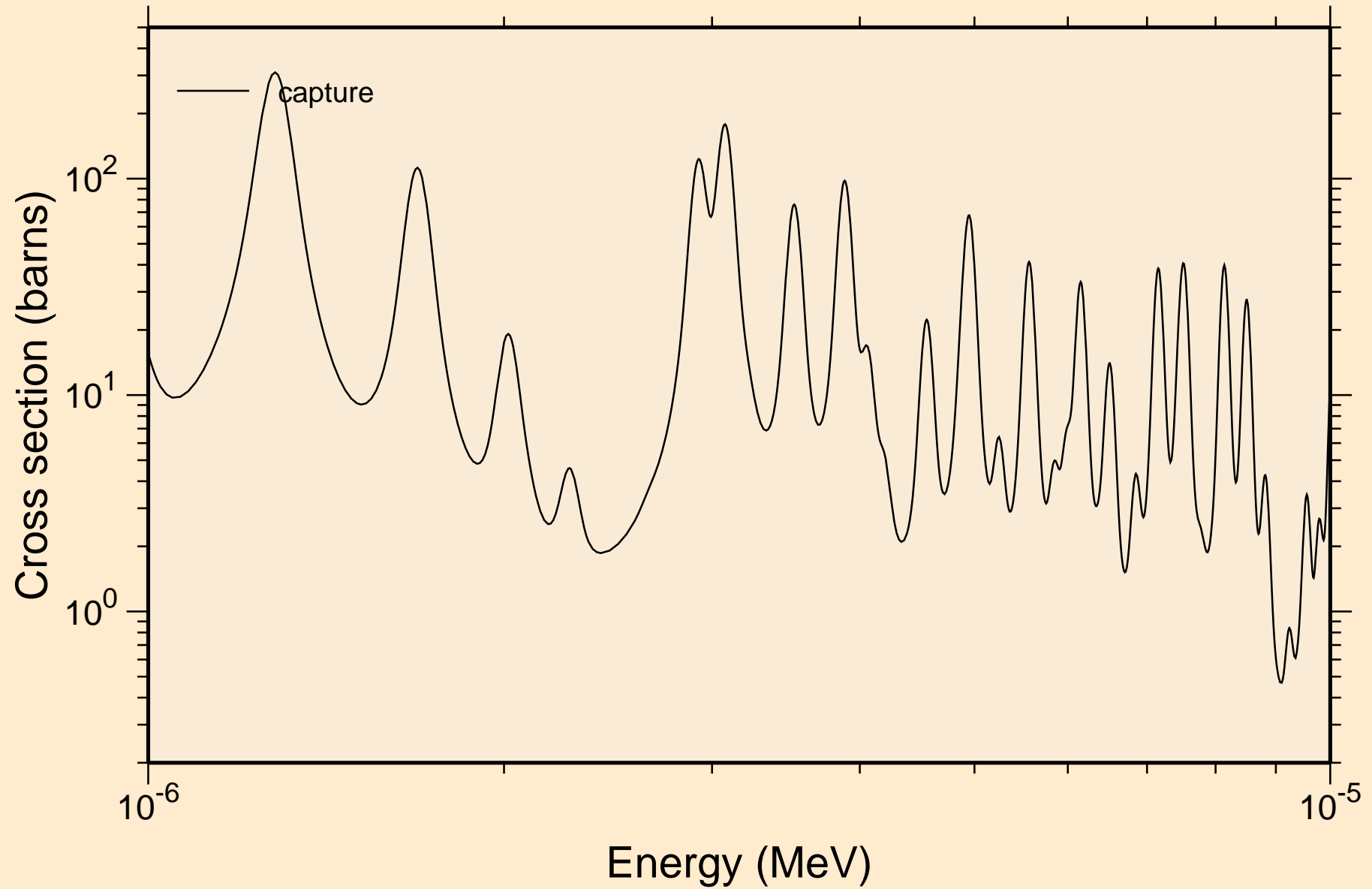
AT197M NRG TENDL-2015, AKONING  
resonance total cross section



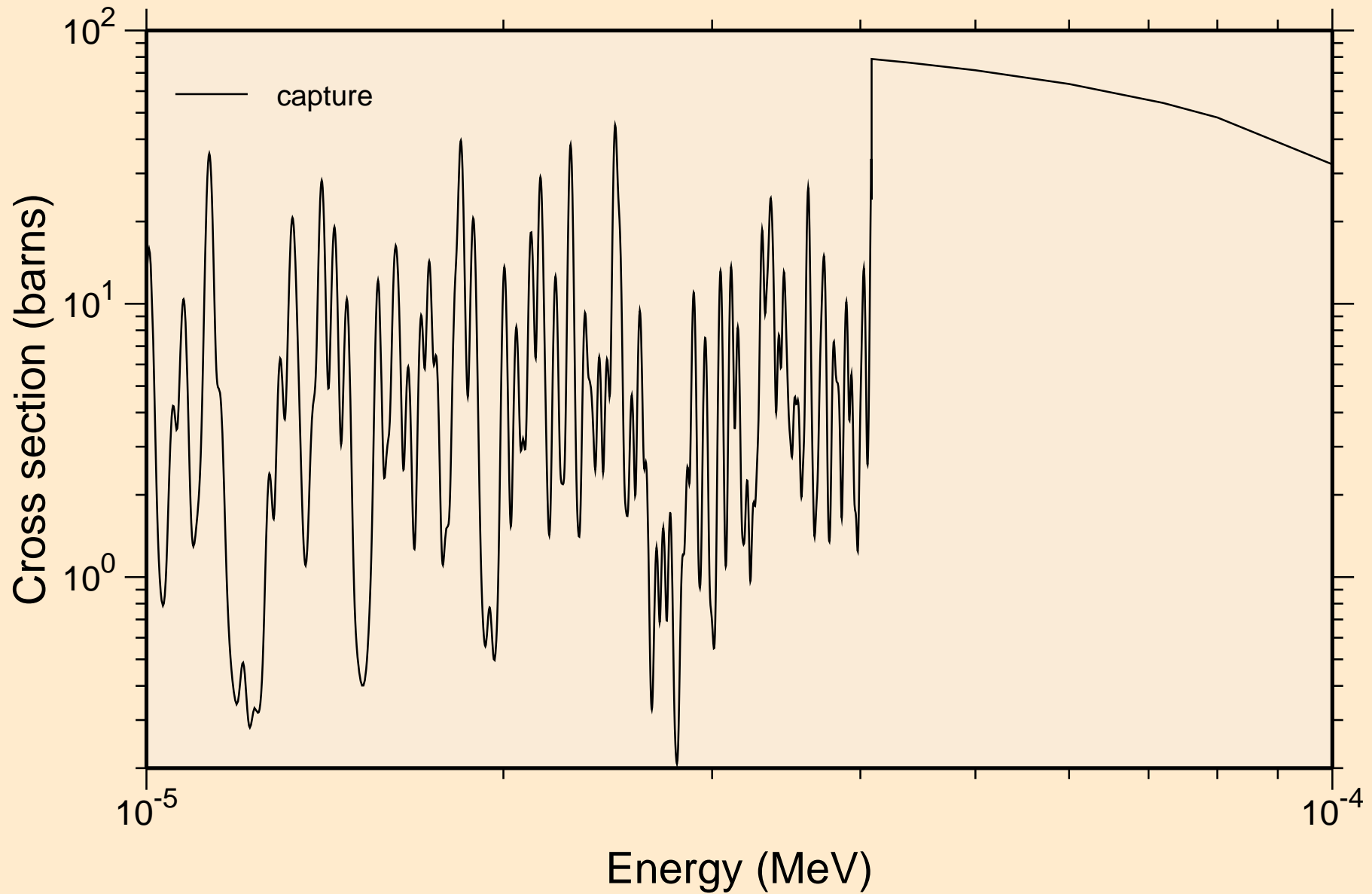
AT197M NRG TENDL-2015, AKONING  
resonance absorption cross sections



AT197M NRG TENDL-2015, AKONING  
resonance absorption cross sections

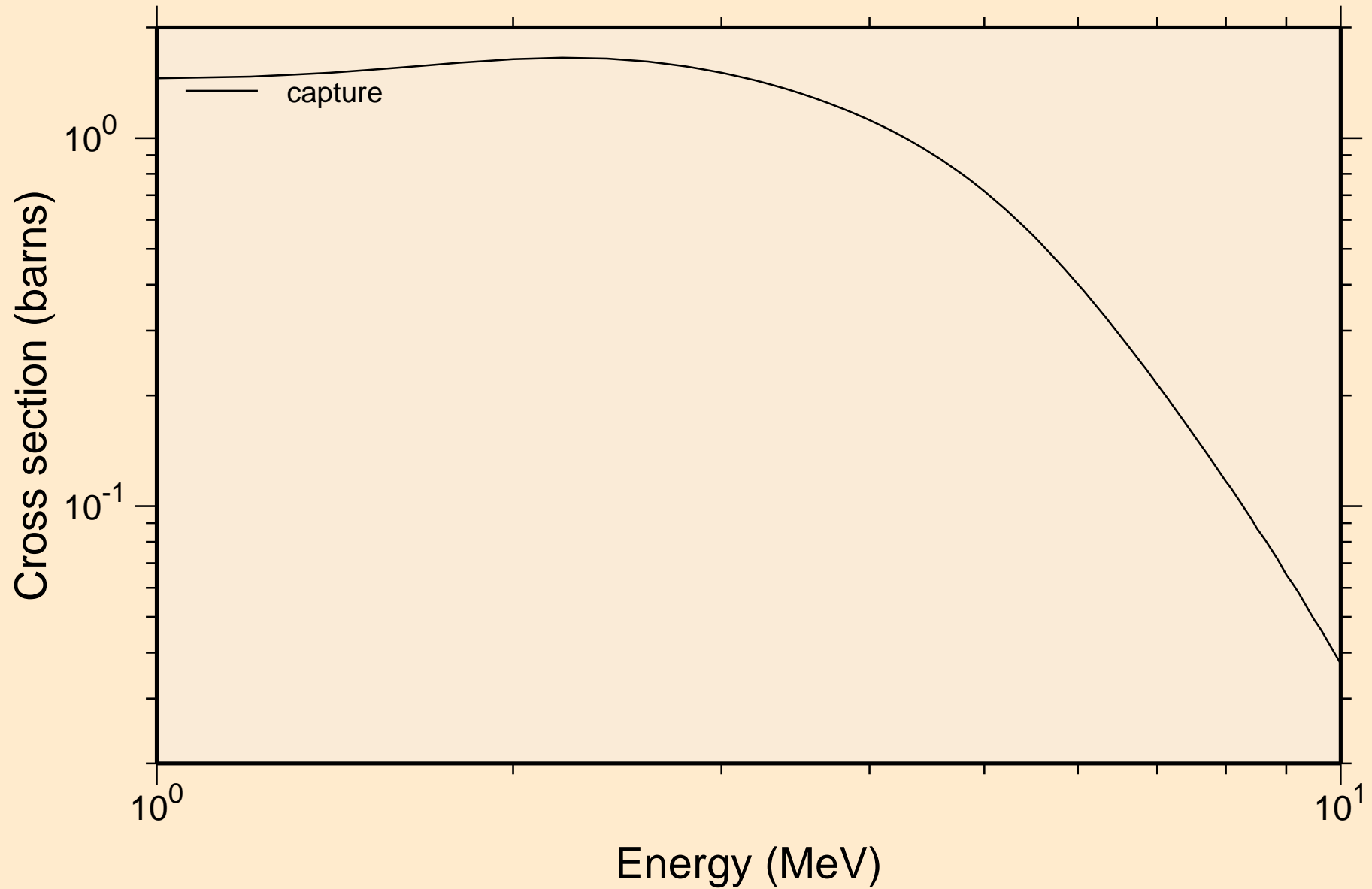


AT197M NRG TENDL-2015, AKONING  
resonance absorption cross sections



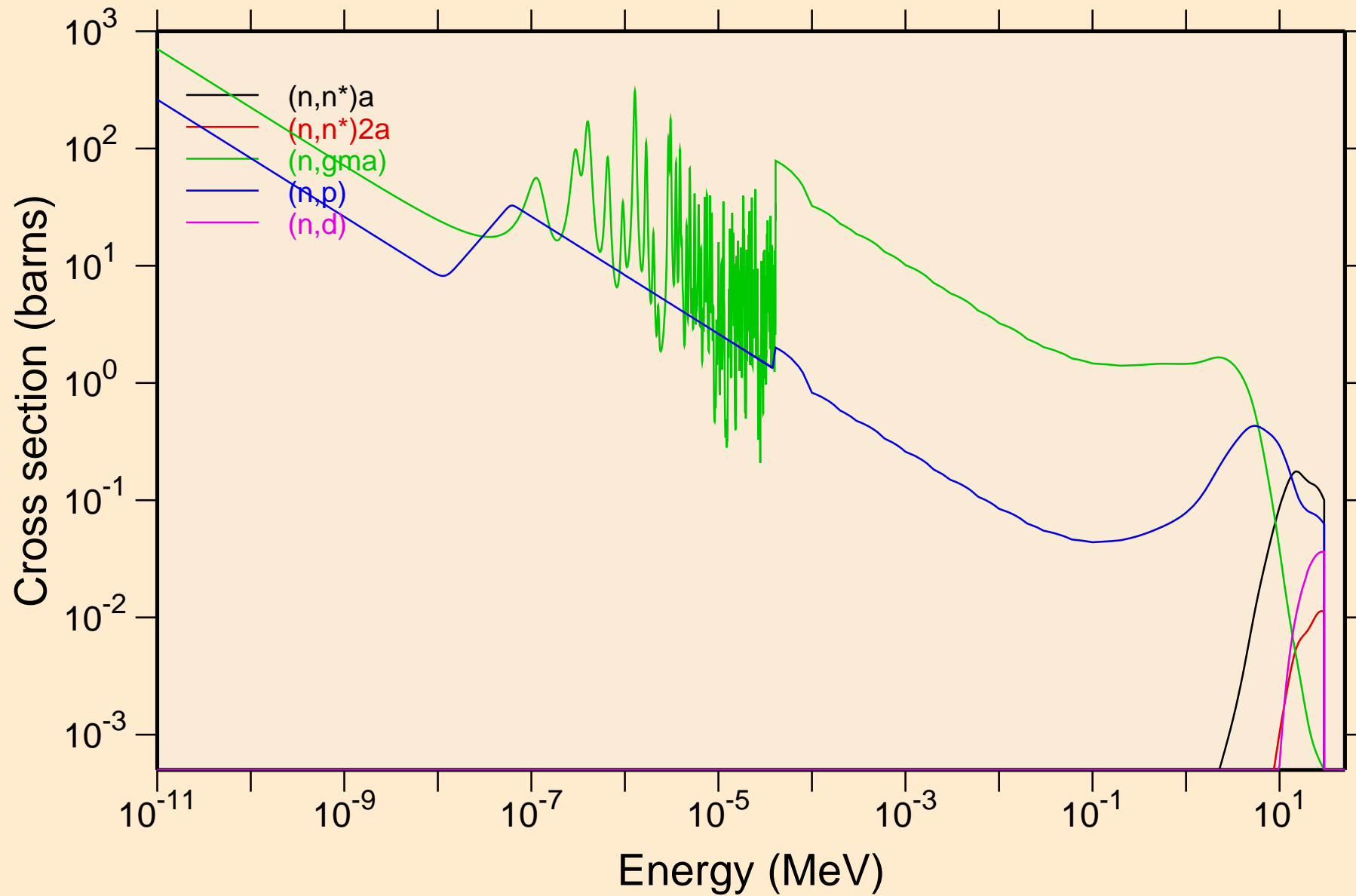


AT197M NRG TENDL-2015, AKONING  
resonance absorption cross sections



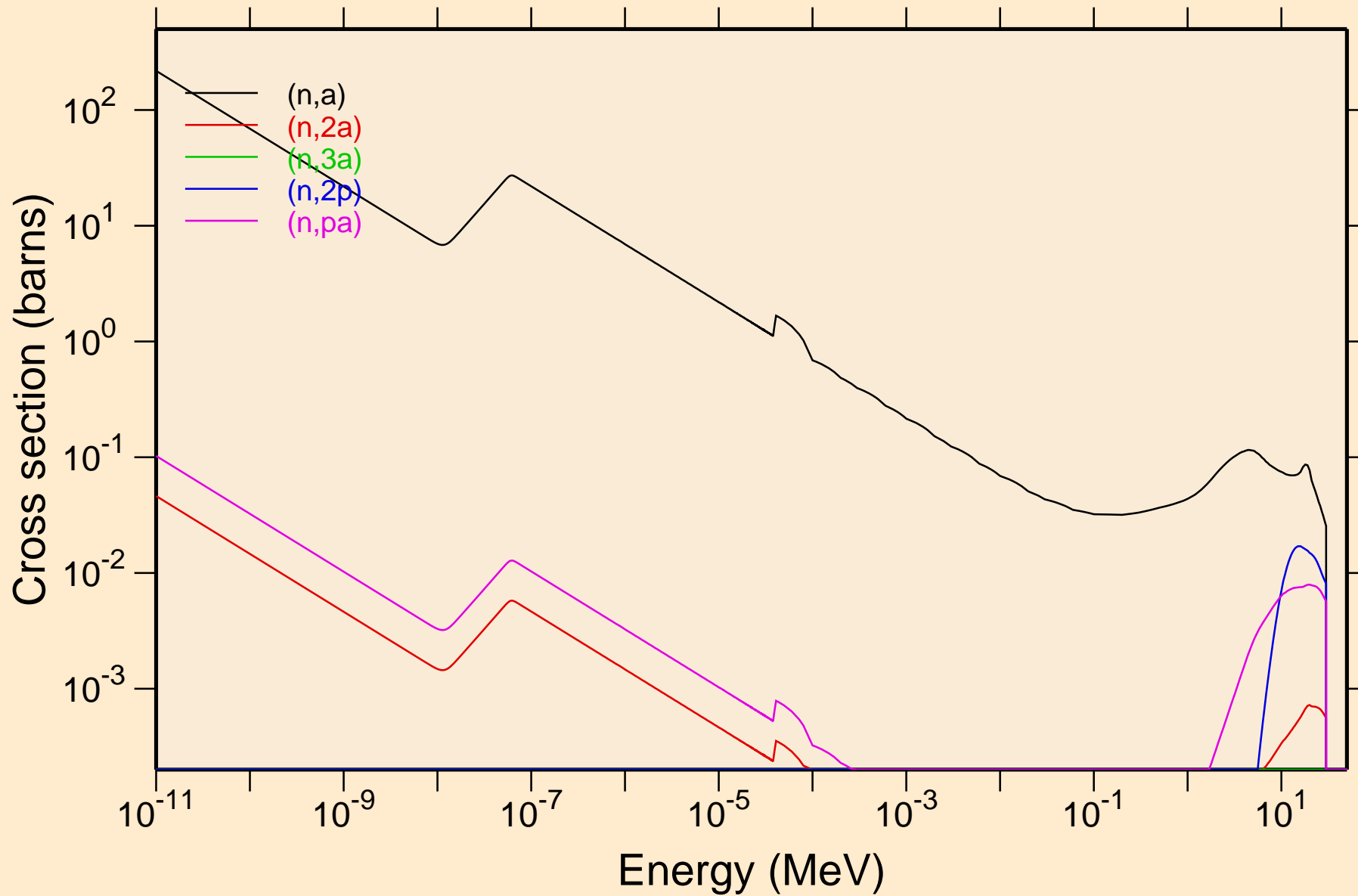
# AT197M NRG TENDL-2015, AKONING

## Non-threshold reactions



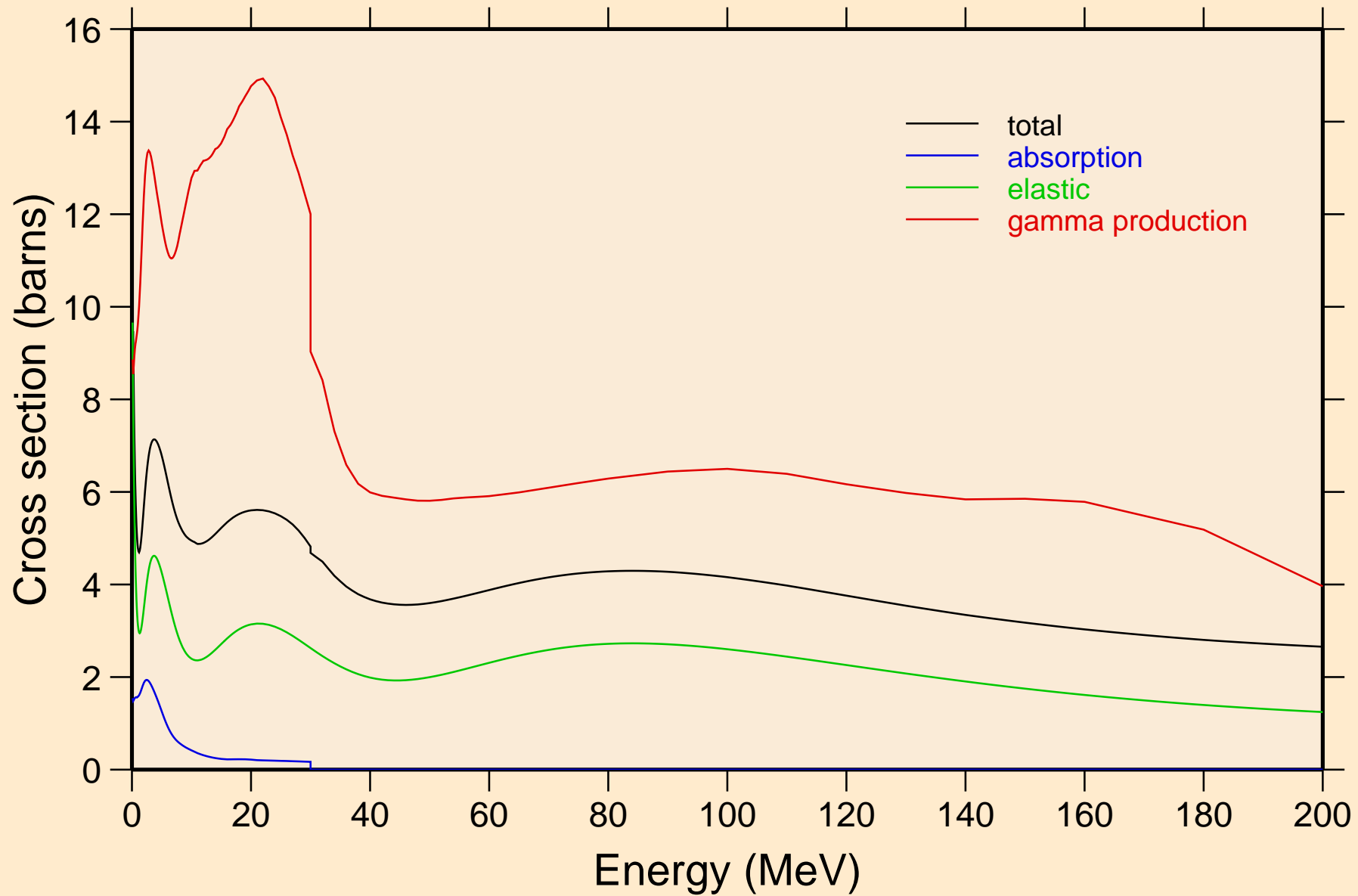
# AT197M NRG TENDL-2015, AKONING

## Non-threshold reactions



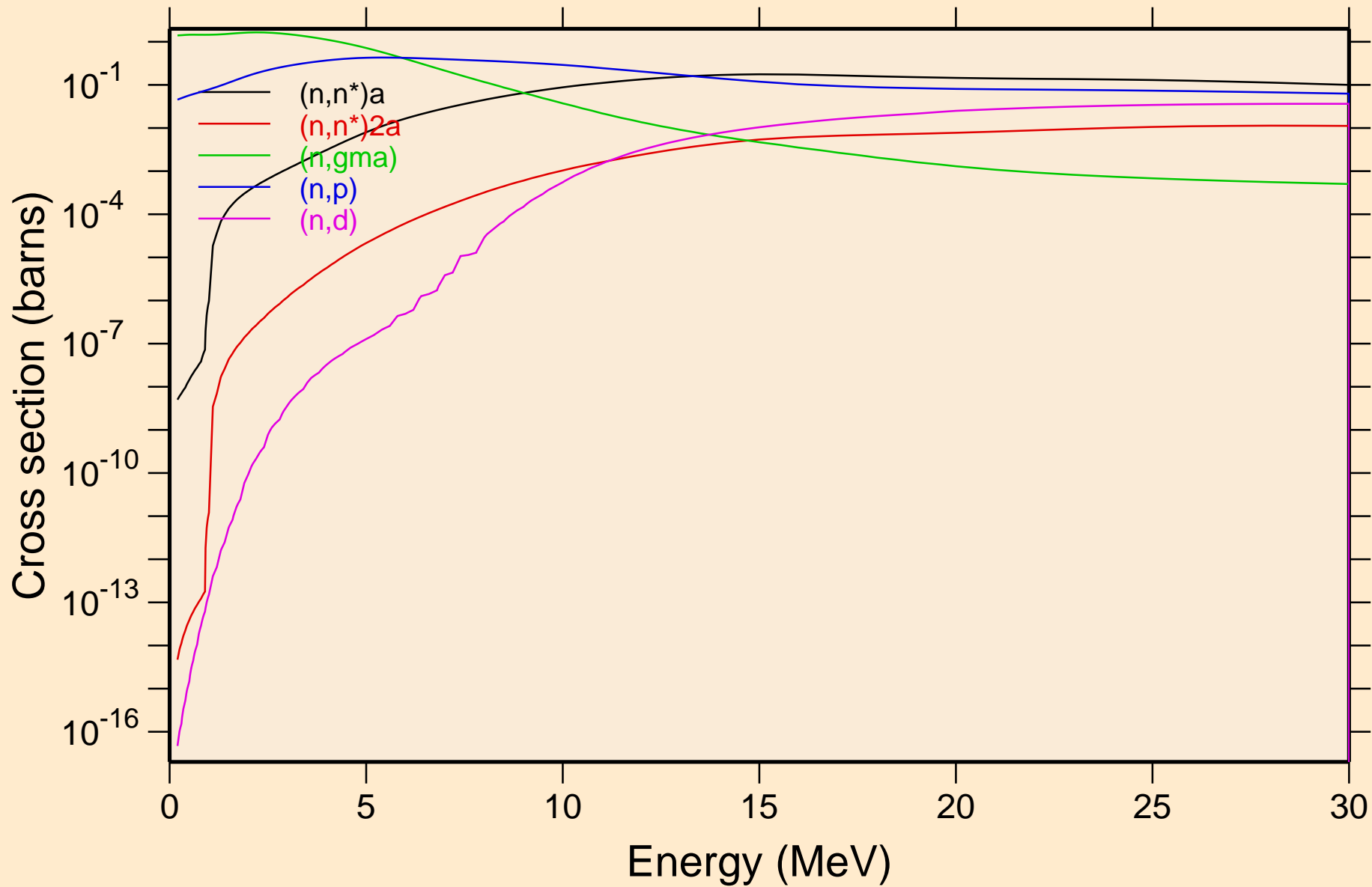
# AT197M NRG TENDL-2015, AKONING

## Principal cross sections



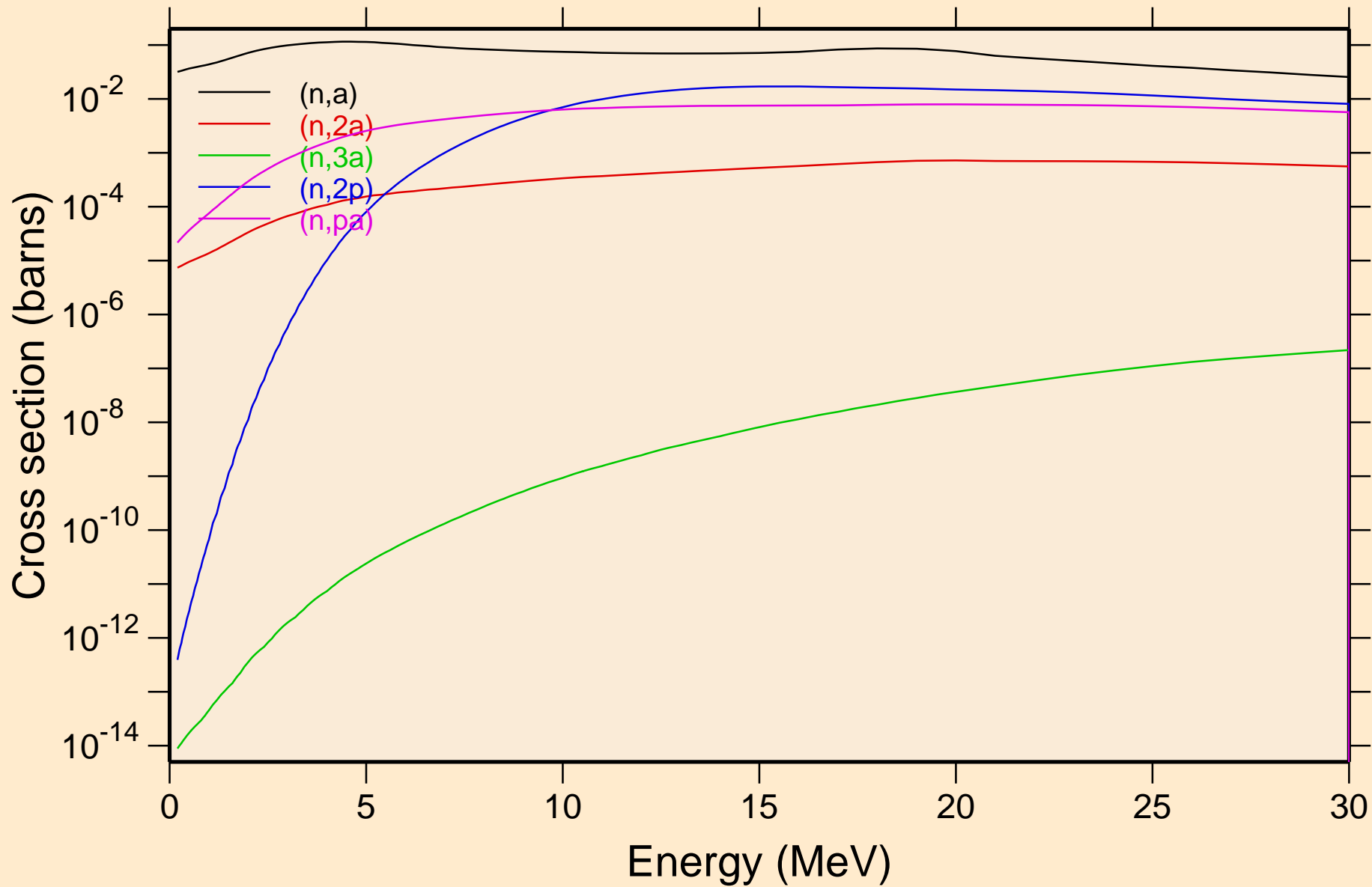
# AT197M NRG TENDL-2015, AKONING

## Non-threshold reactions



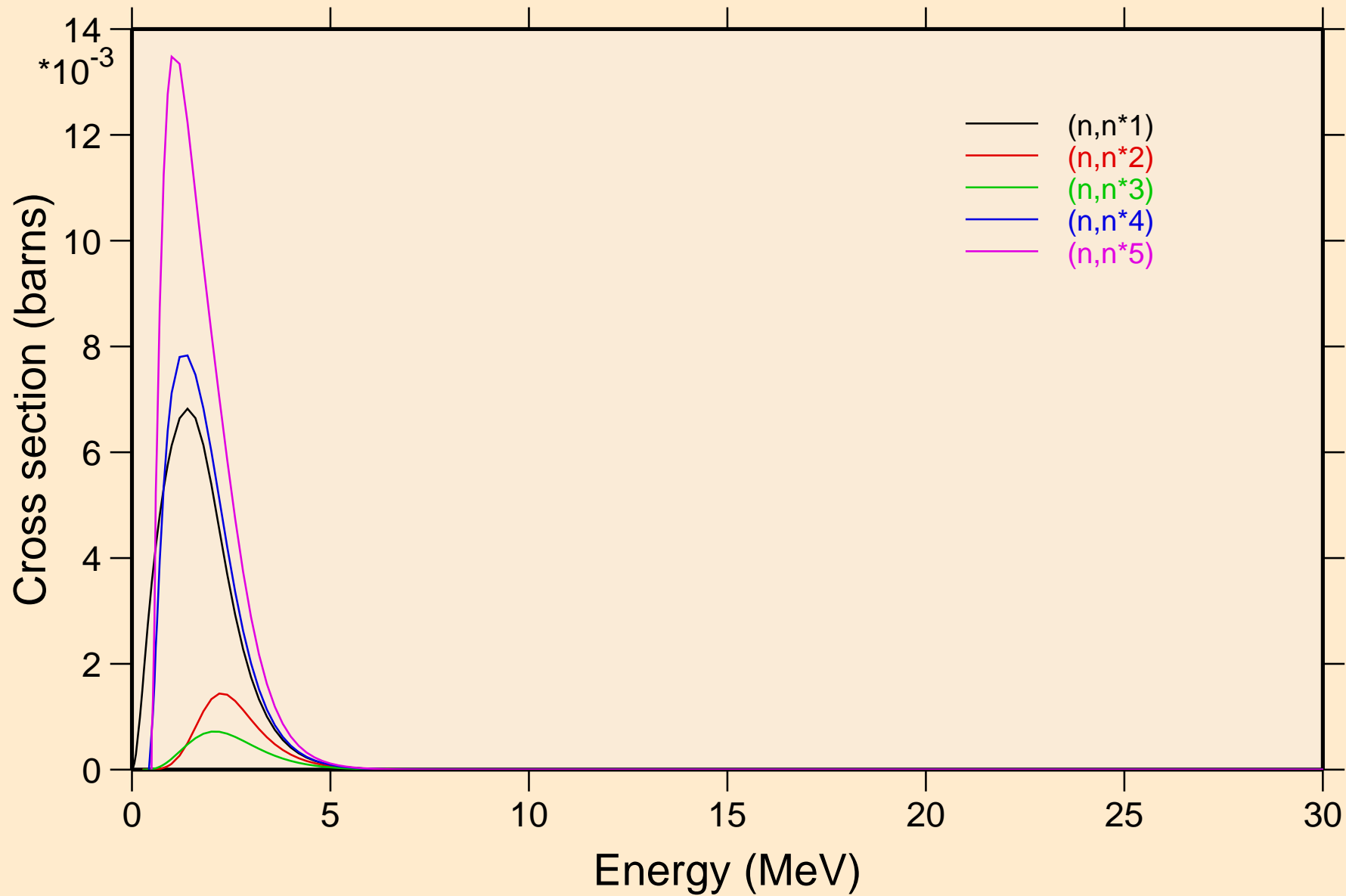
# AT197M NRG TENDL-2015, AKONING

## Non-threshold reactions



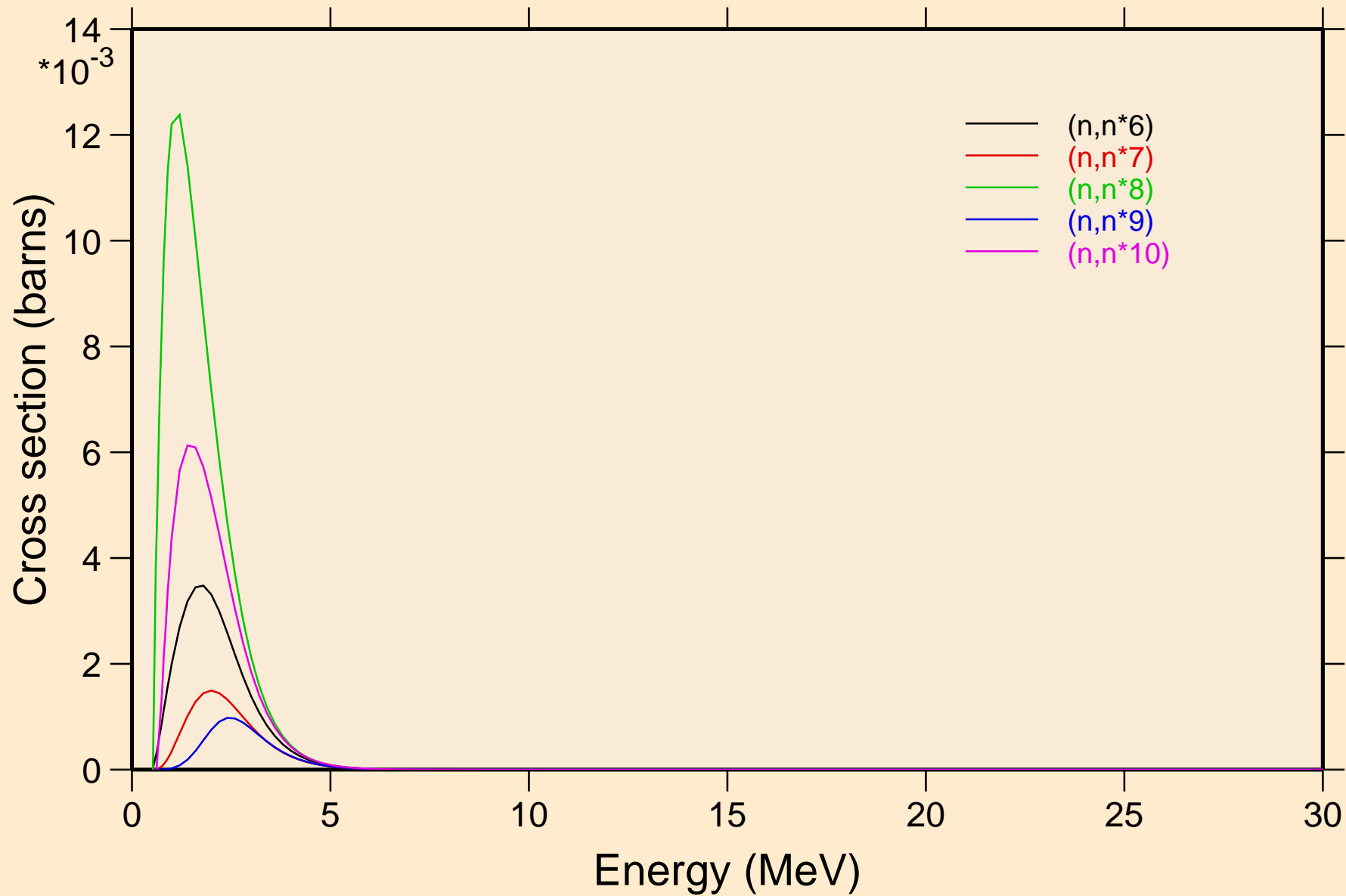
# AT197M NRG TENDL-2015, AKONING

## Inelastic levels



# AT197M NRG TENDL-2015, AKONING

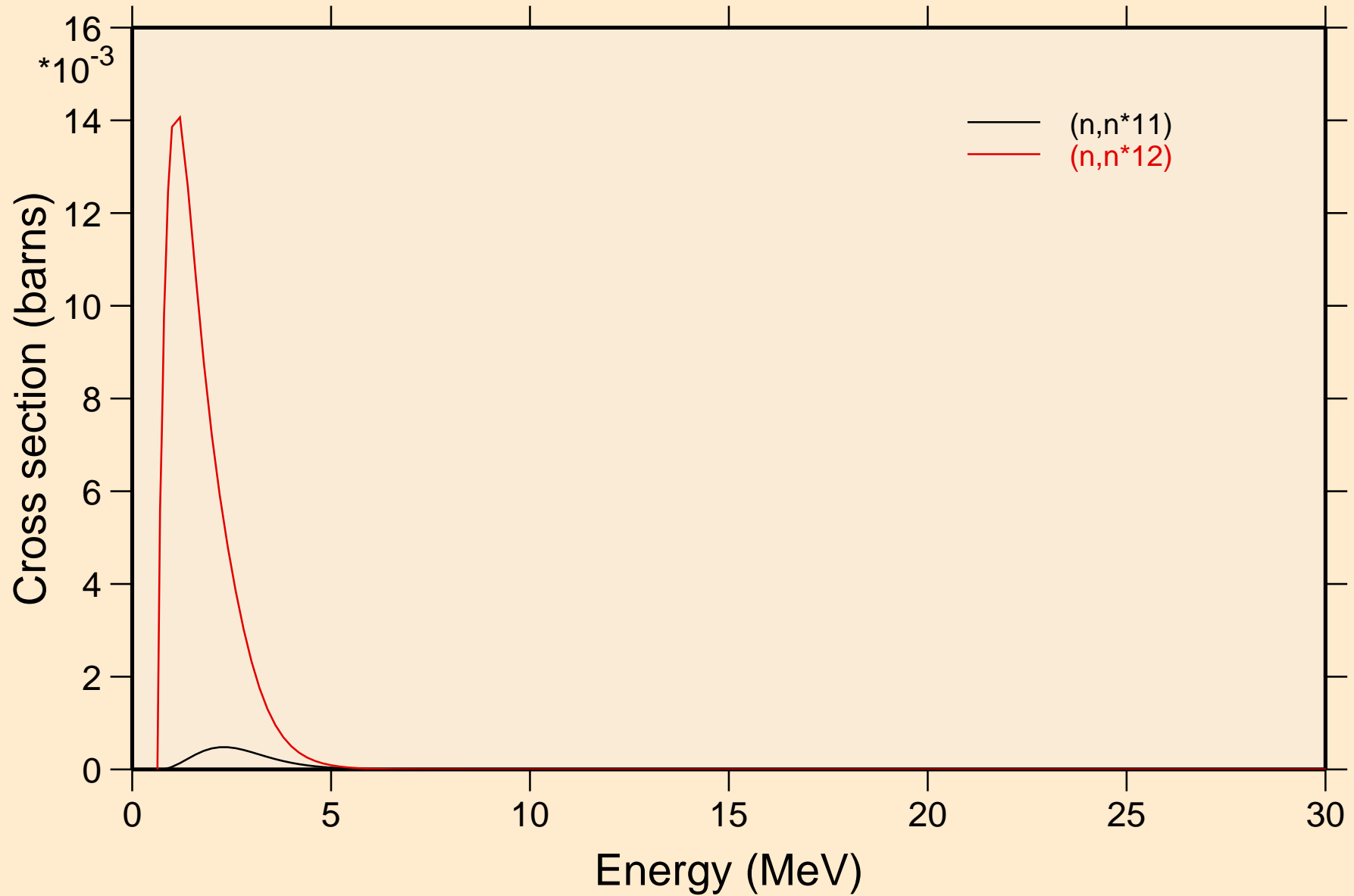
## Inelastic levels





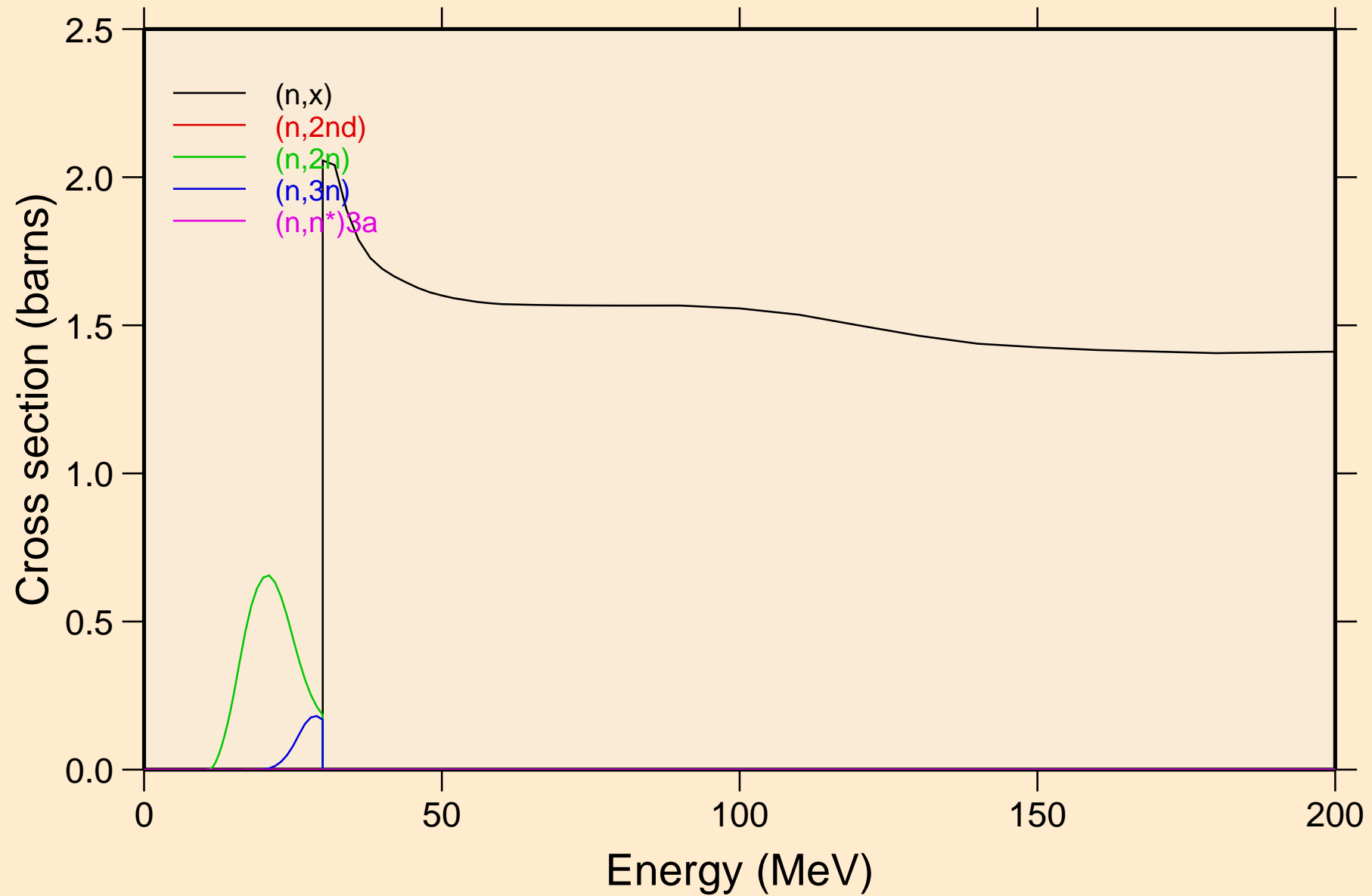
# AT197M NRG TENDL-2015, AKONING

## Inelastic levels



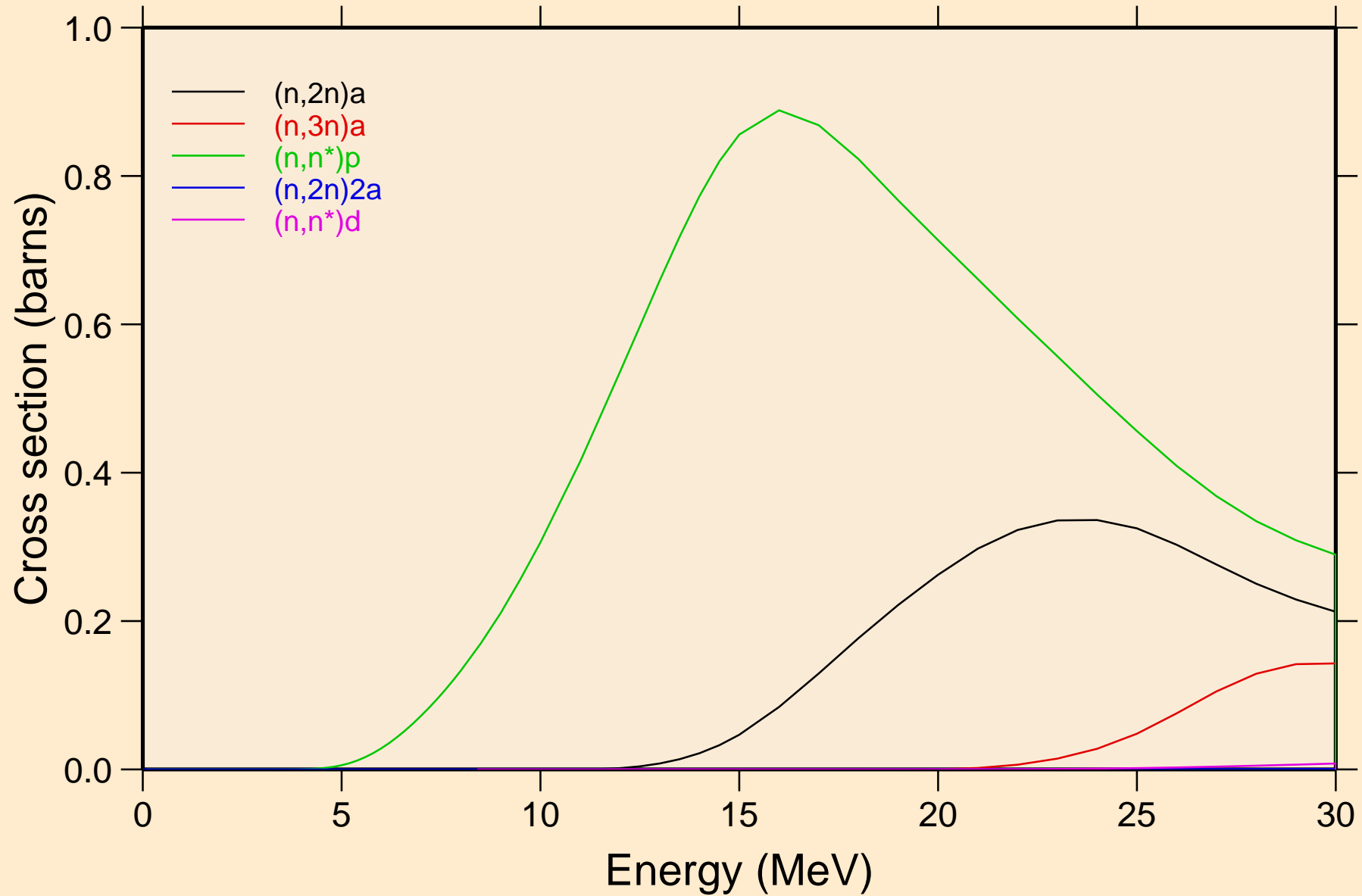
# AT197M NRG TENDL-2015, AKONING

## Threshold reactions



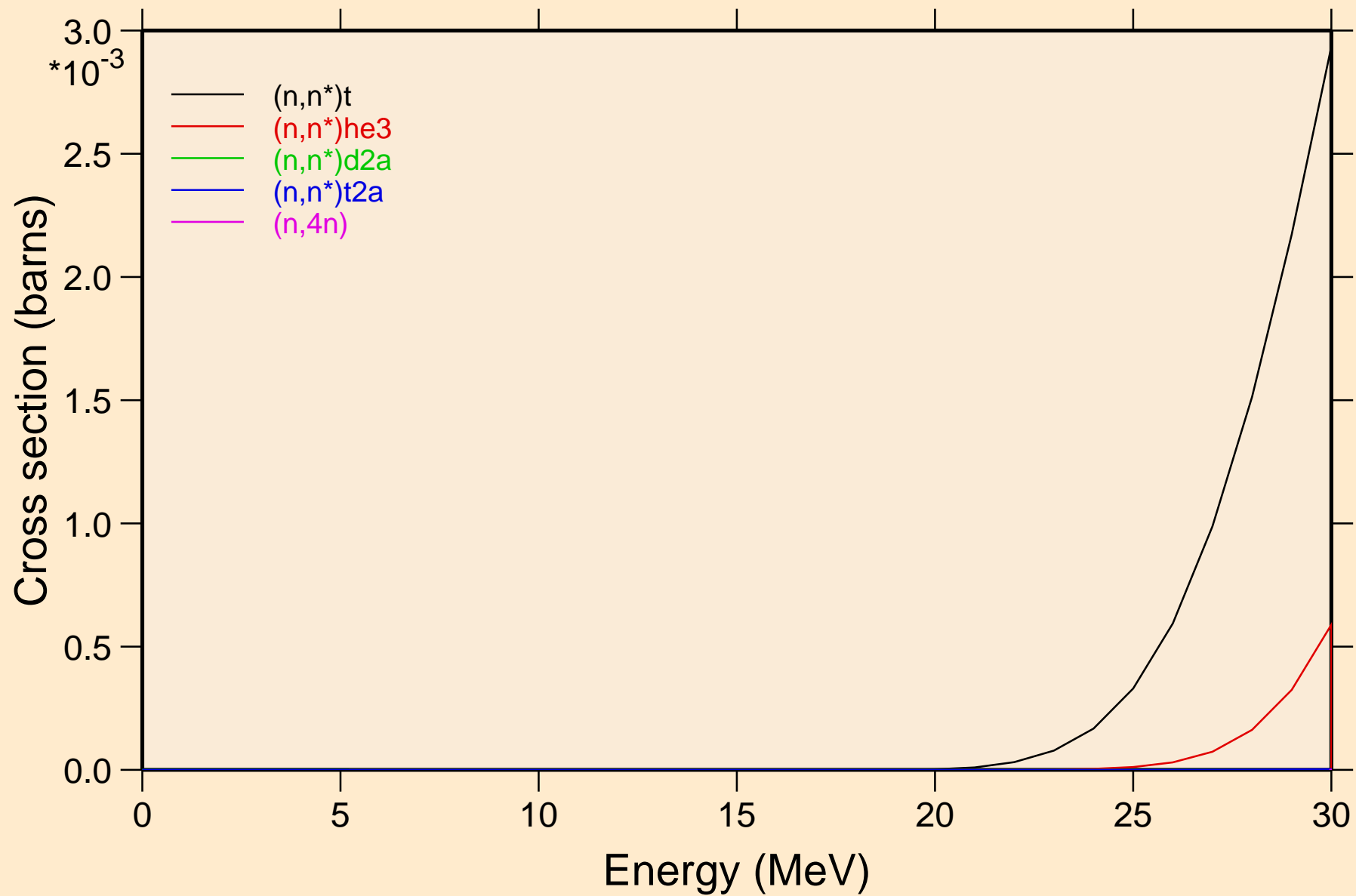
# AT197M NRG TENDL-2015, AKONING

## Threshold reactions



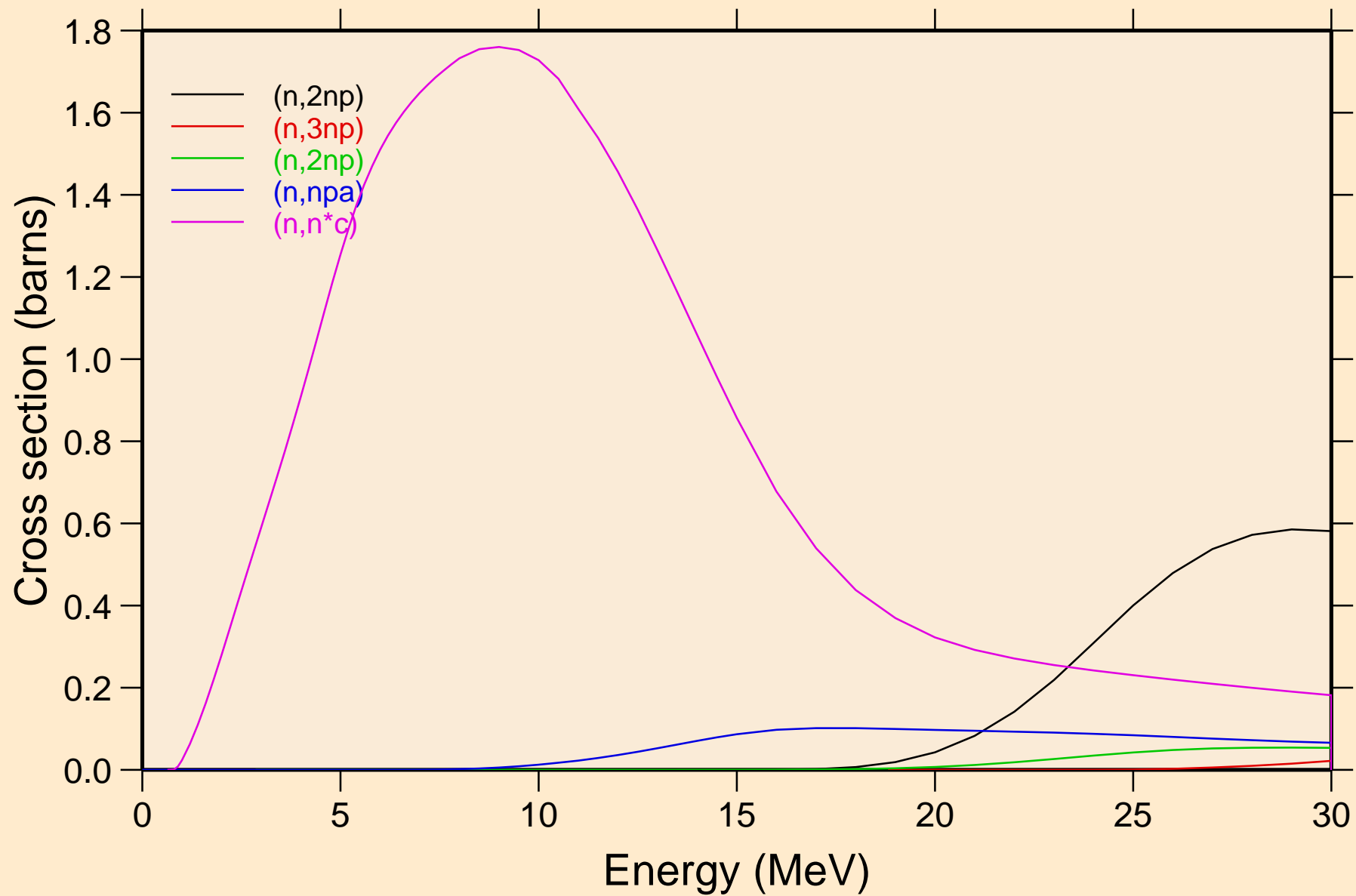
# AT197M NRG TENDL-2015, AKONING

## Threshold reactions



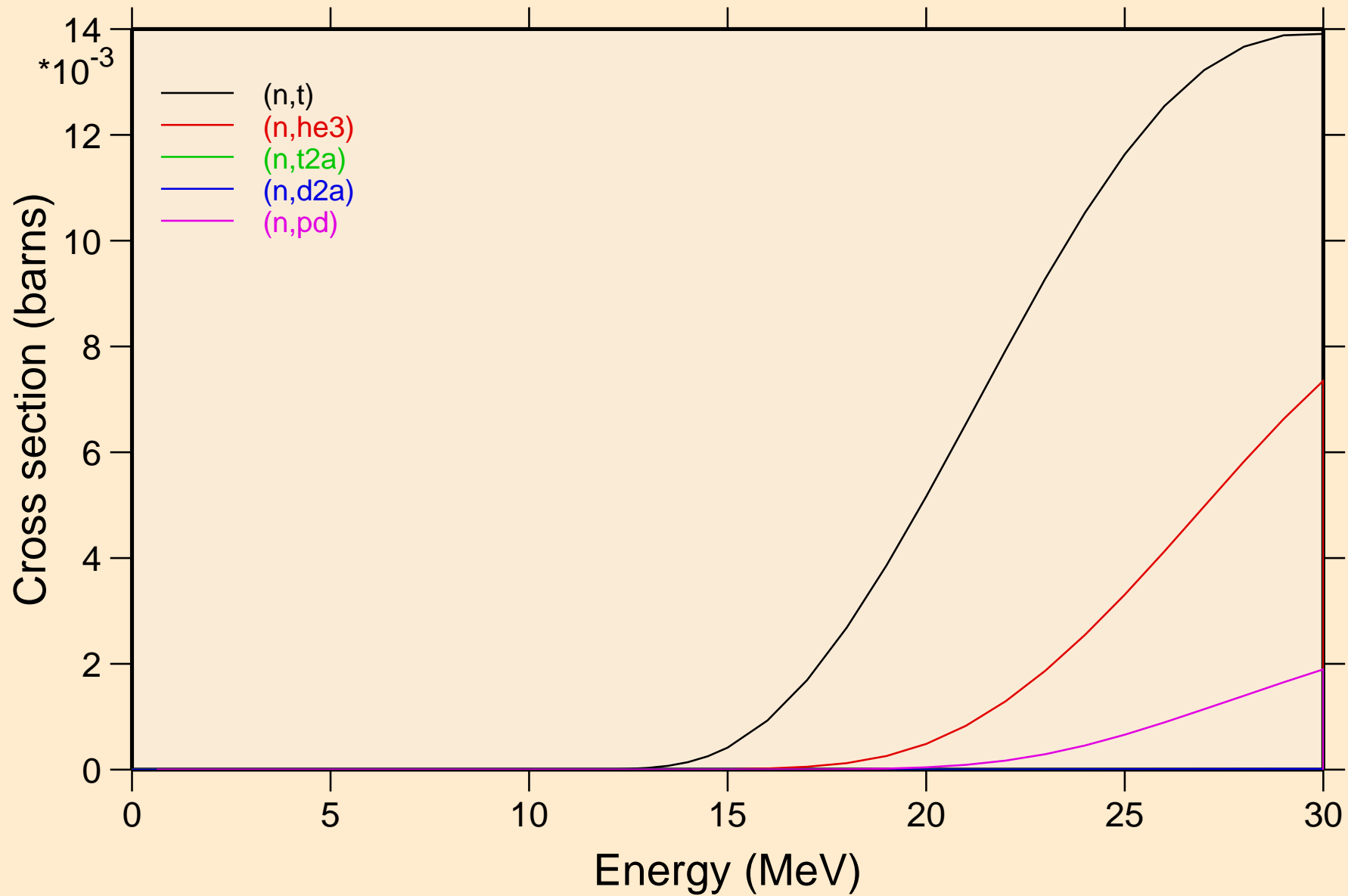
# AT197M NRG TENDL-2015, AKONING

## Threshold reactions



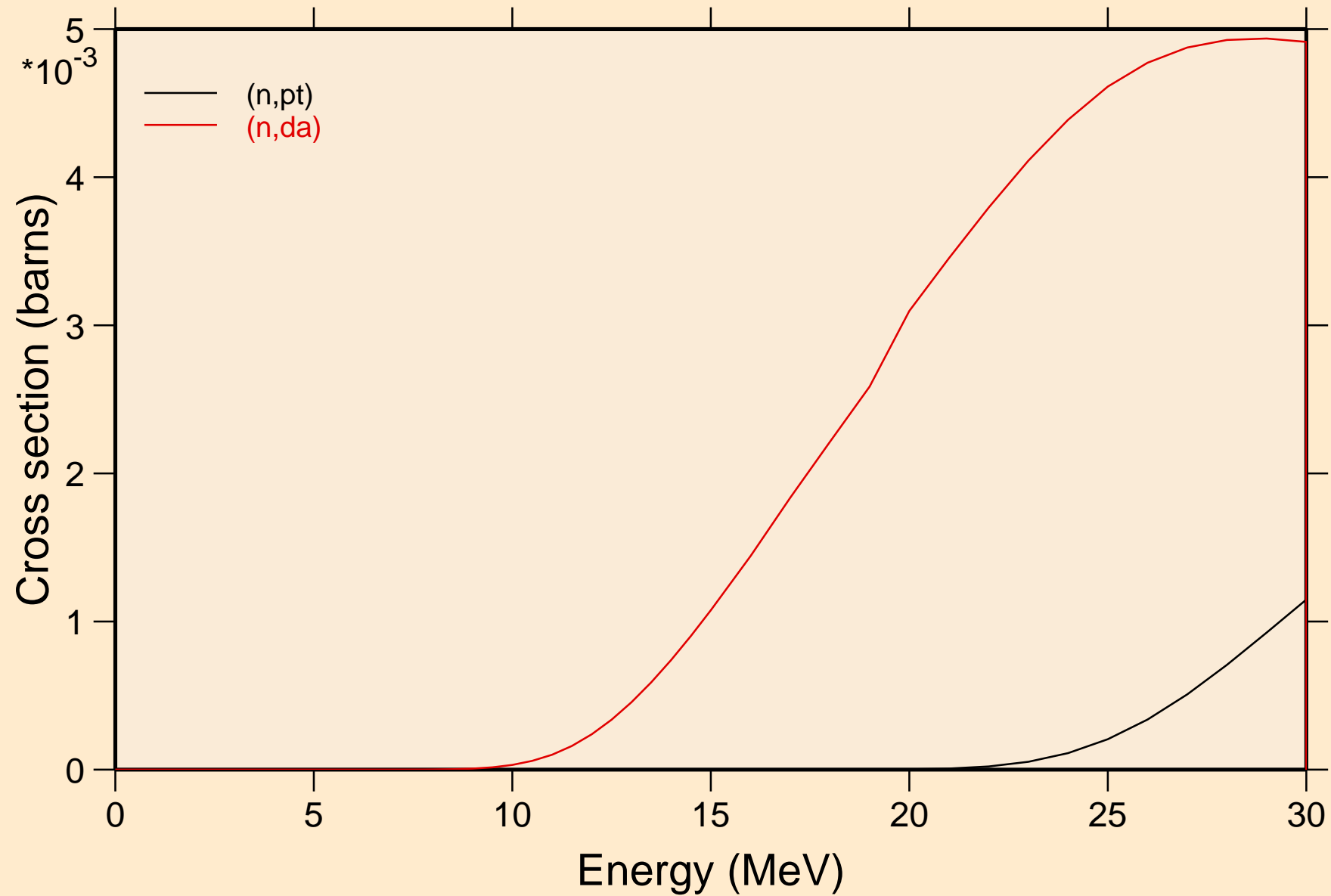
# AT197M NRG TENDL-2015, AKONING

## Threshold reactions

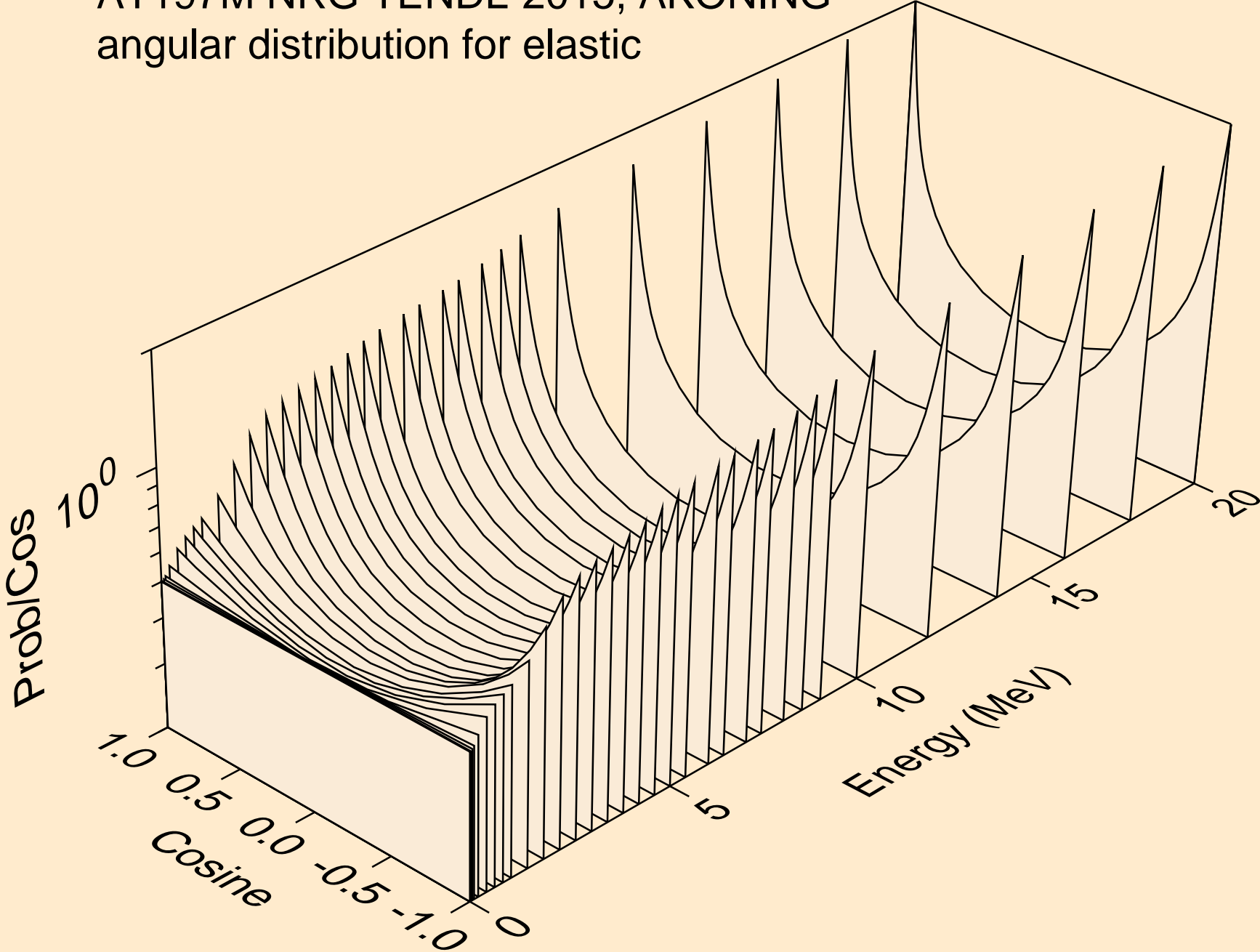


# AT197M NRG TENDL-2015, AKONING

## Threshold reactions

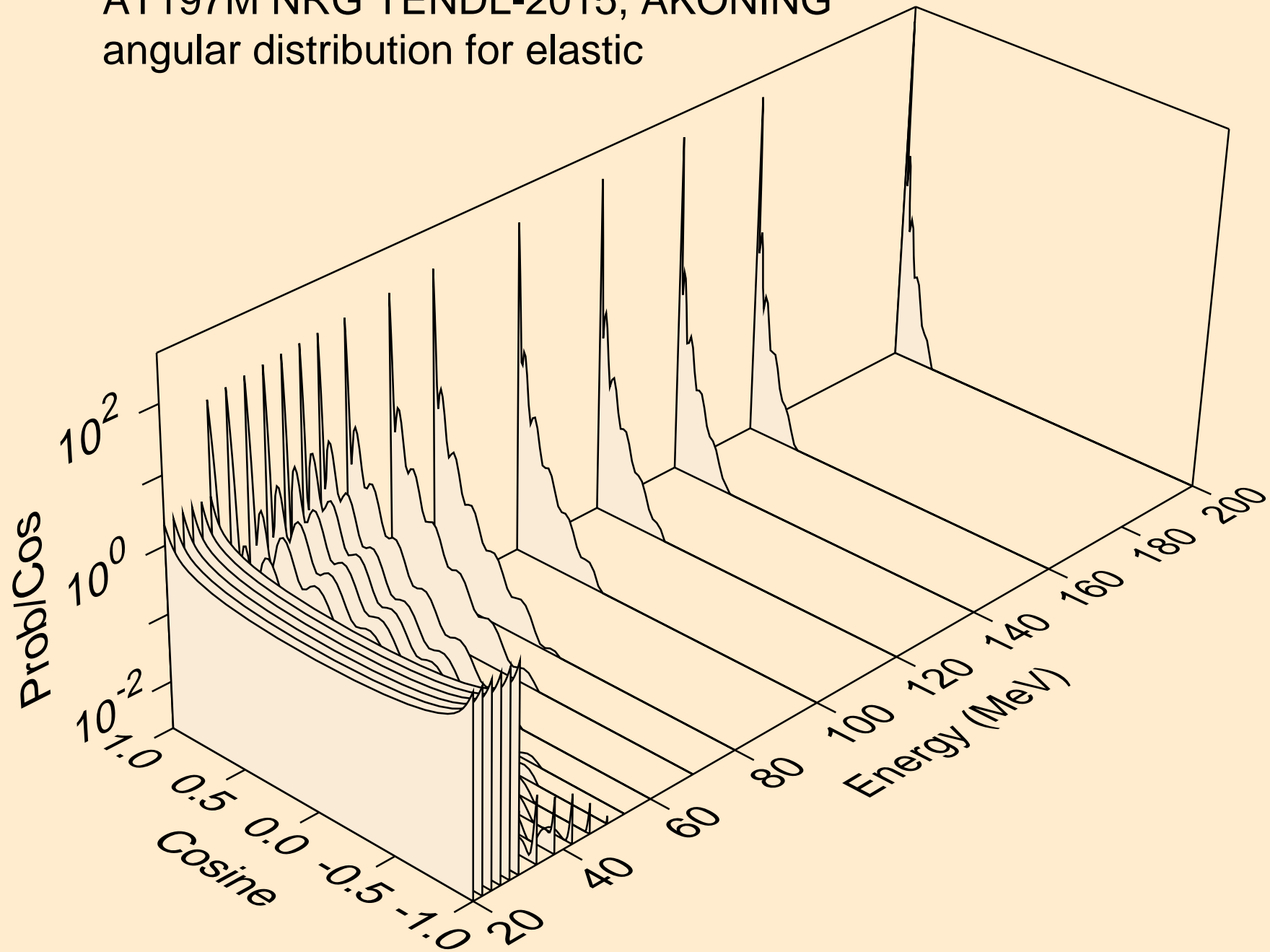


AT197M NRG TENDL-2015, AKONING  
angular distribution for elastic

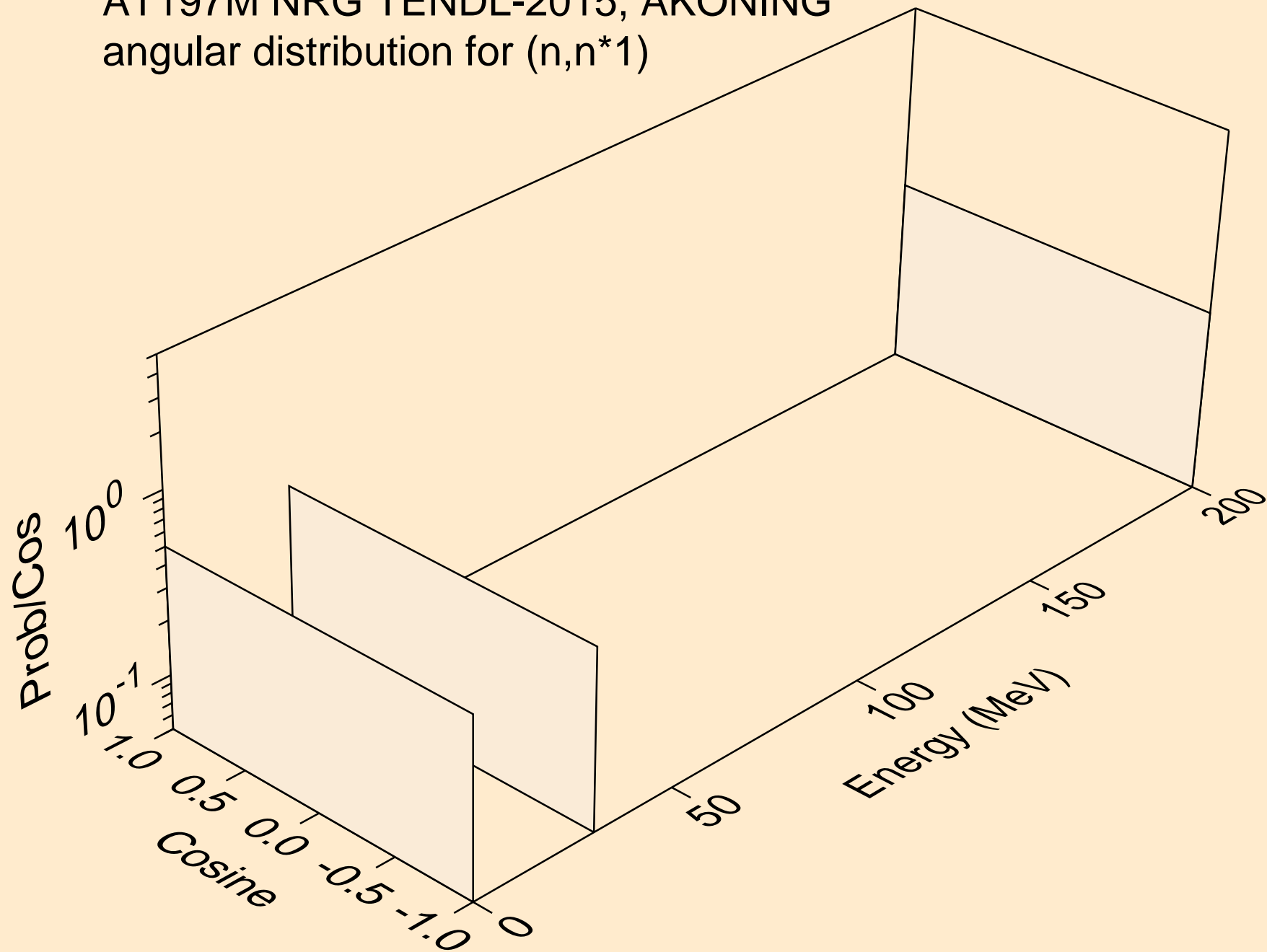




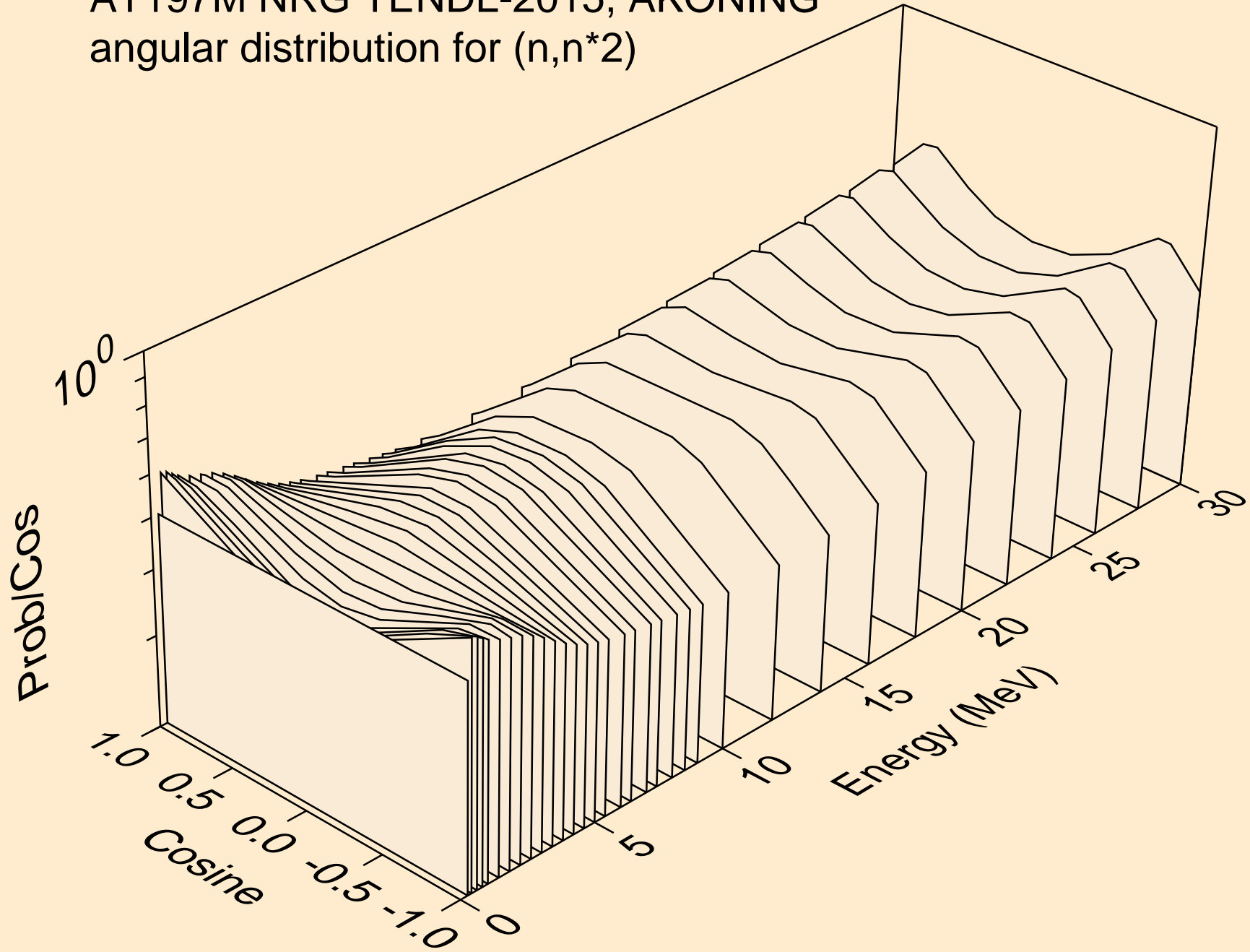
AT197M NRG TENDL-2015, AKONING  
angular distribution for elastic



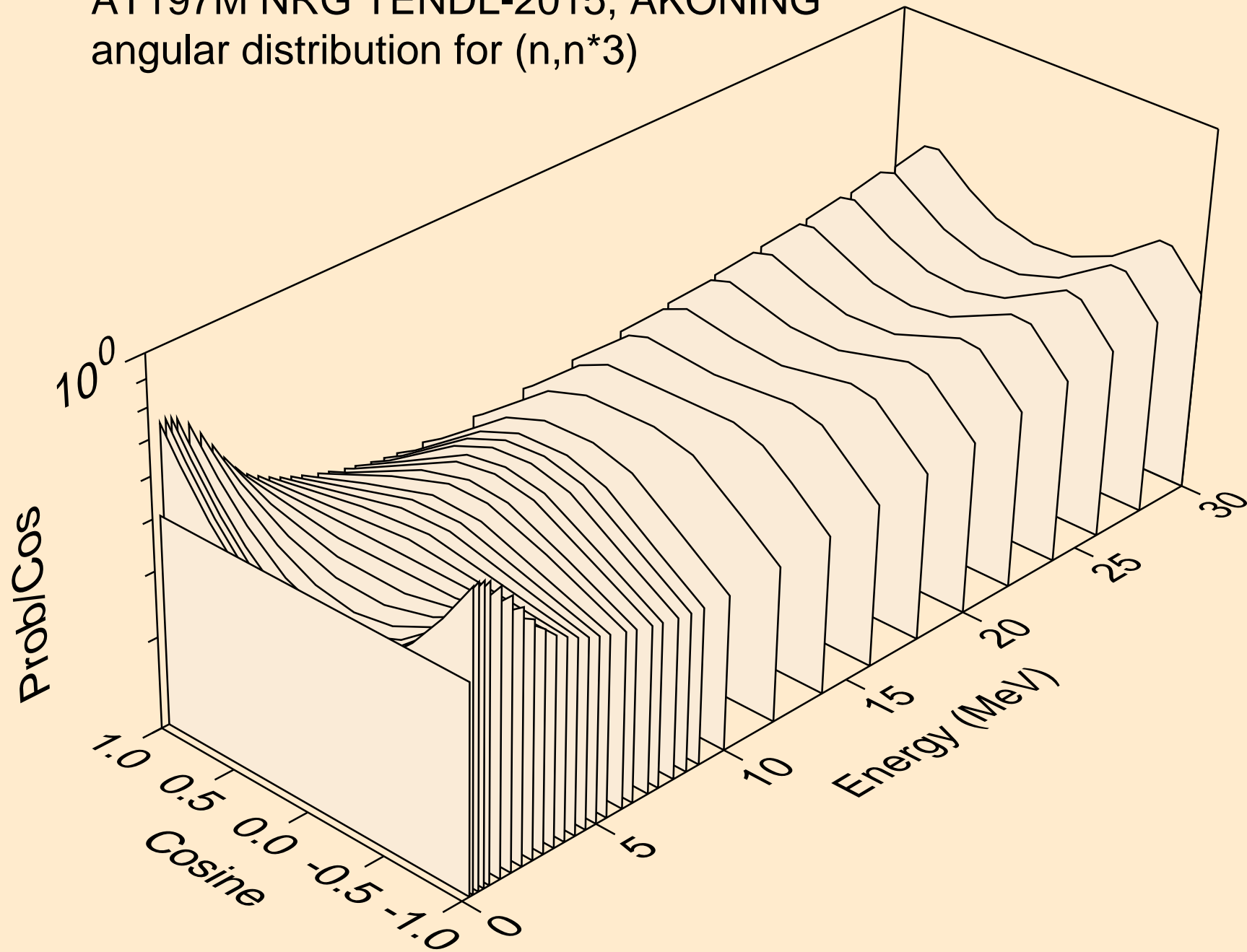
AT197M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



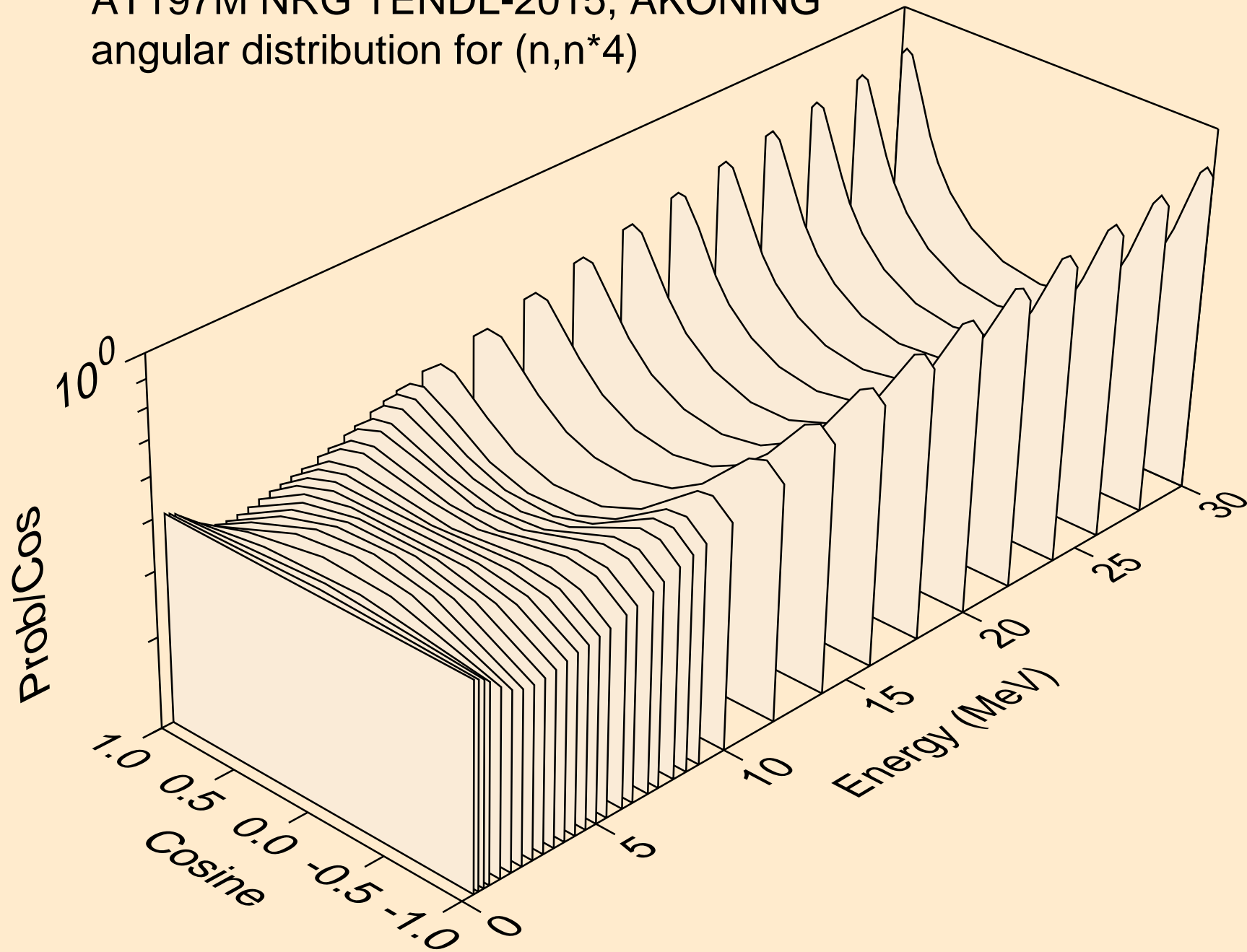
AT197M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



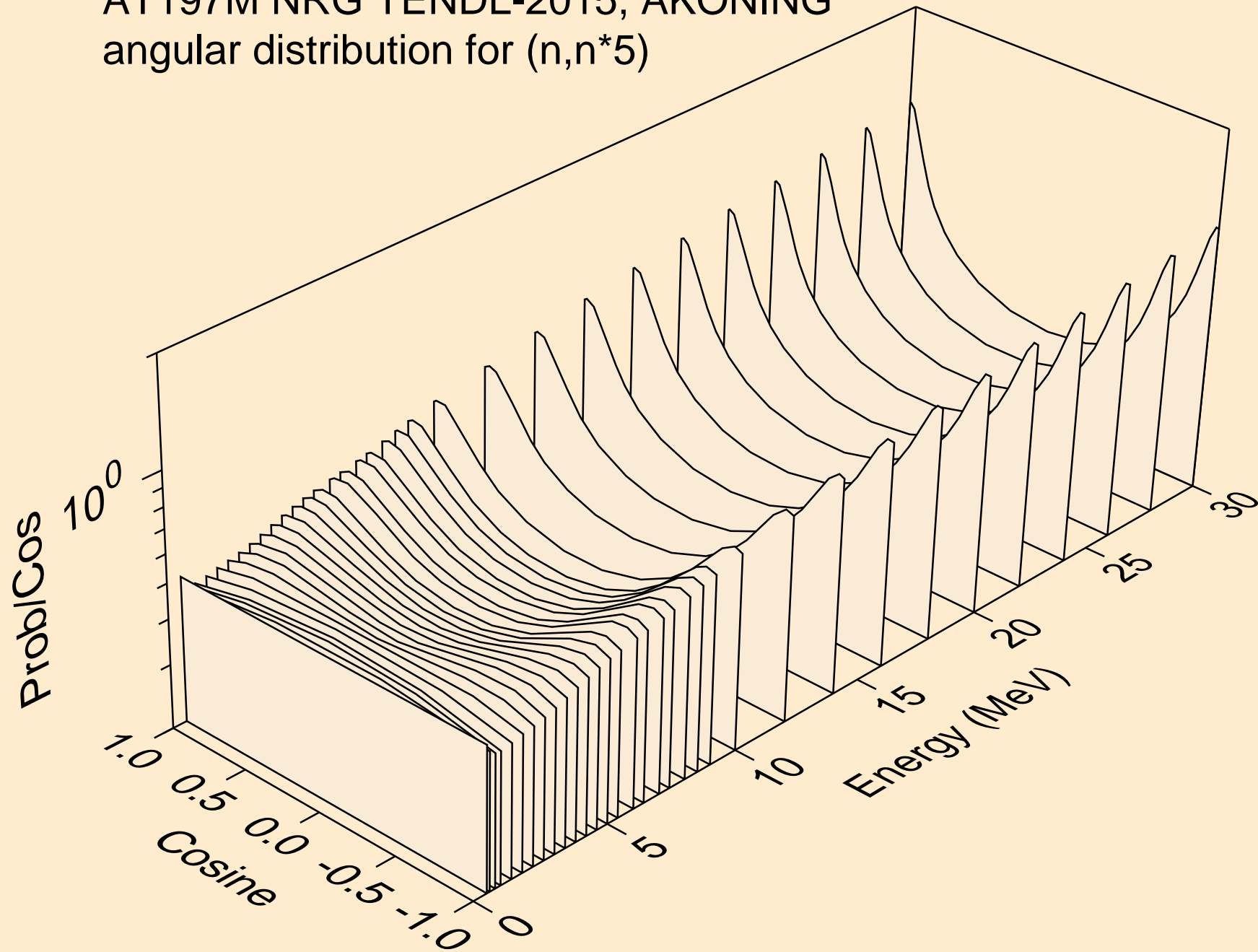
AT197M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



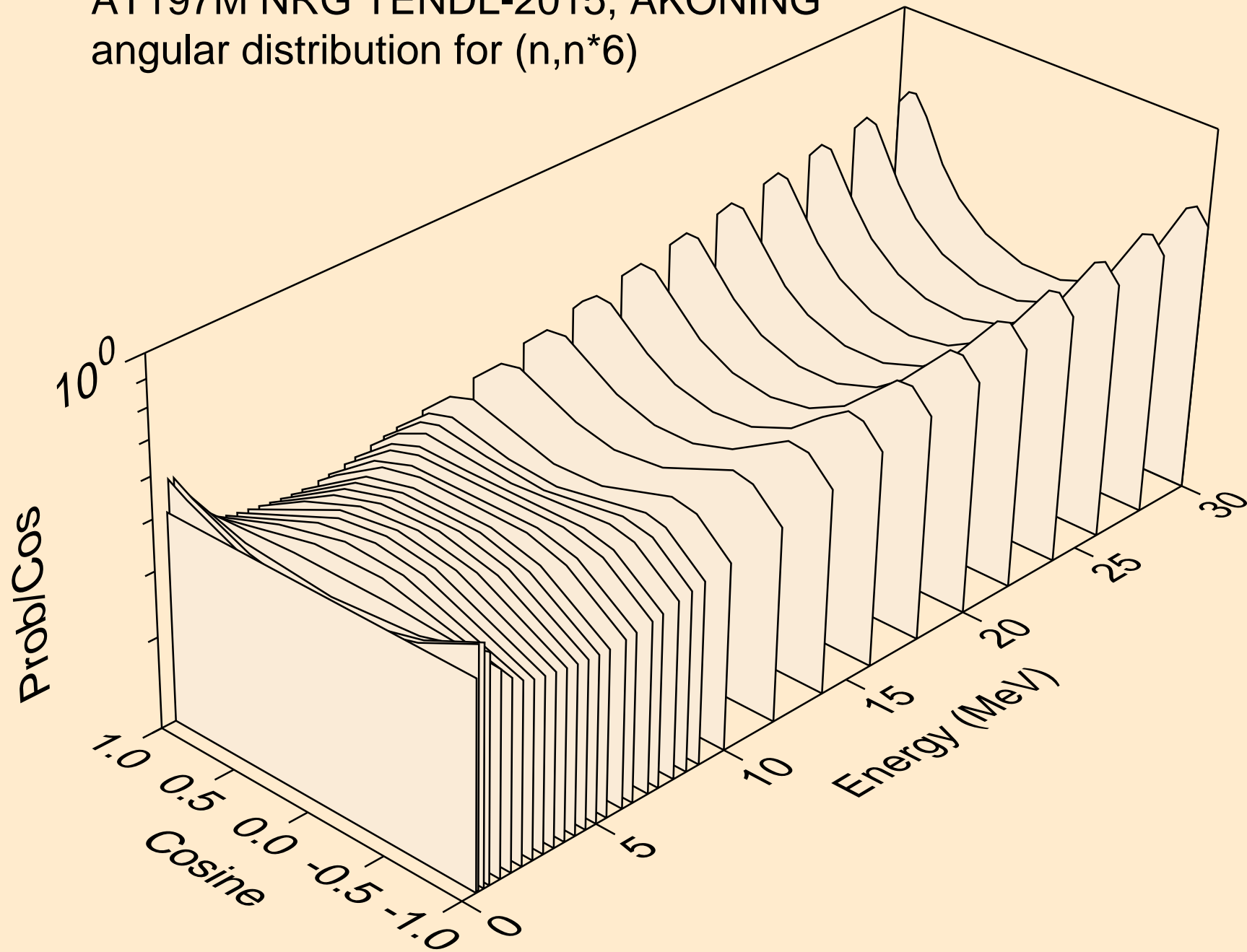
AT197M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



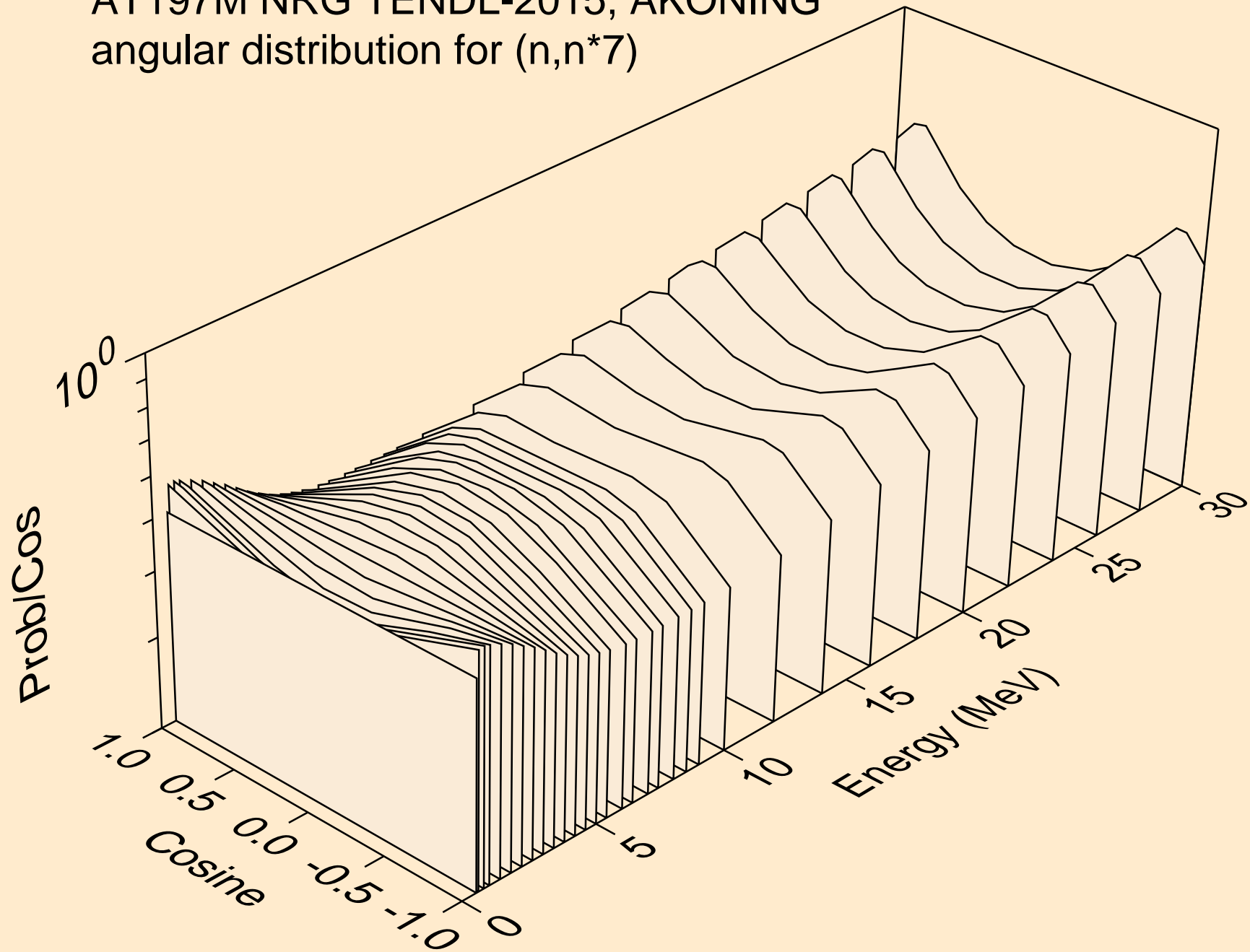
AT197M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



AT197M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)

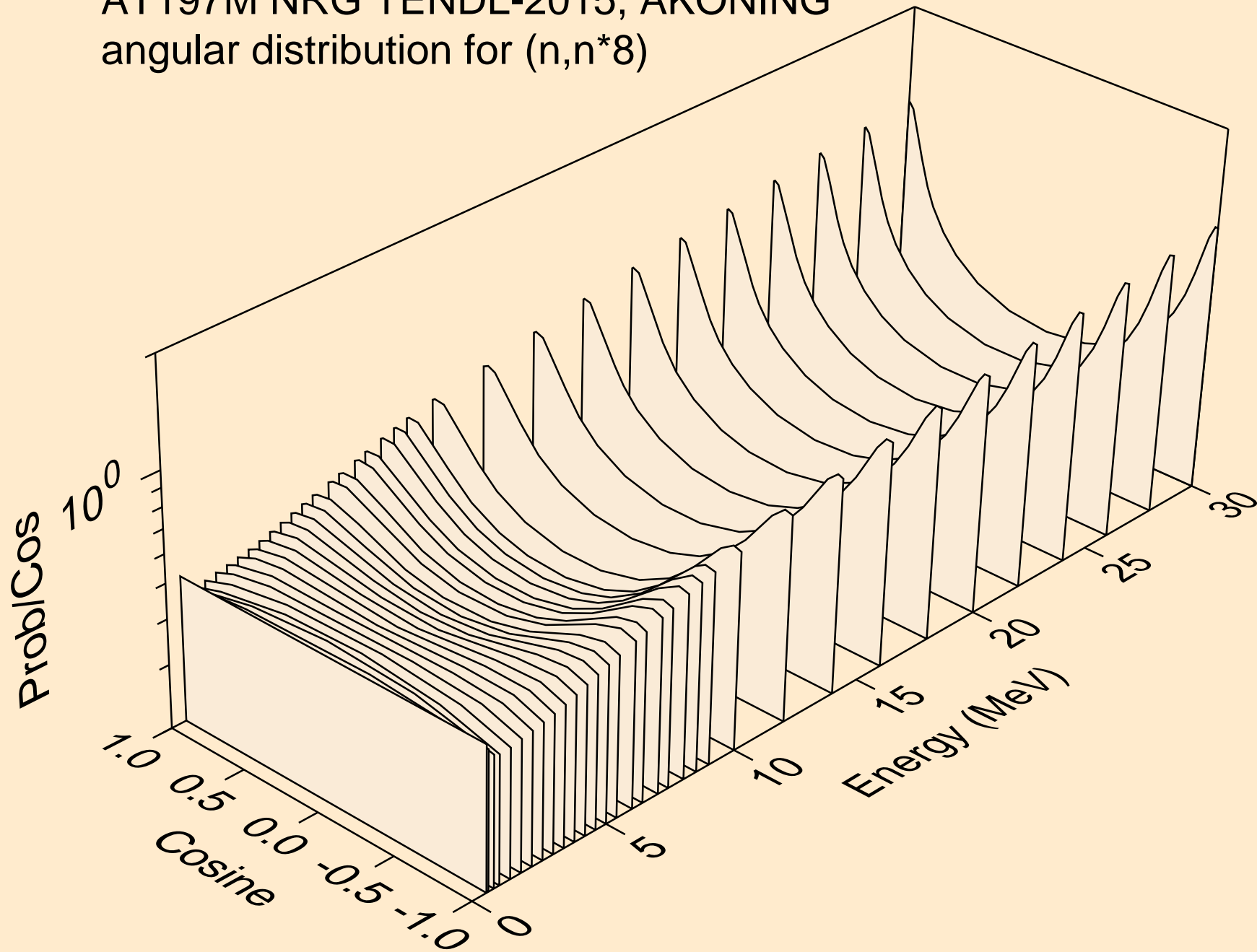


AT197M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

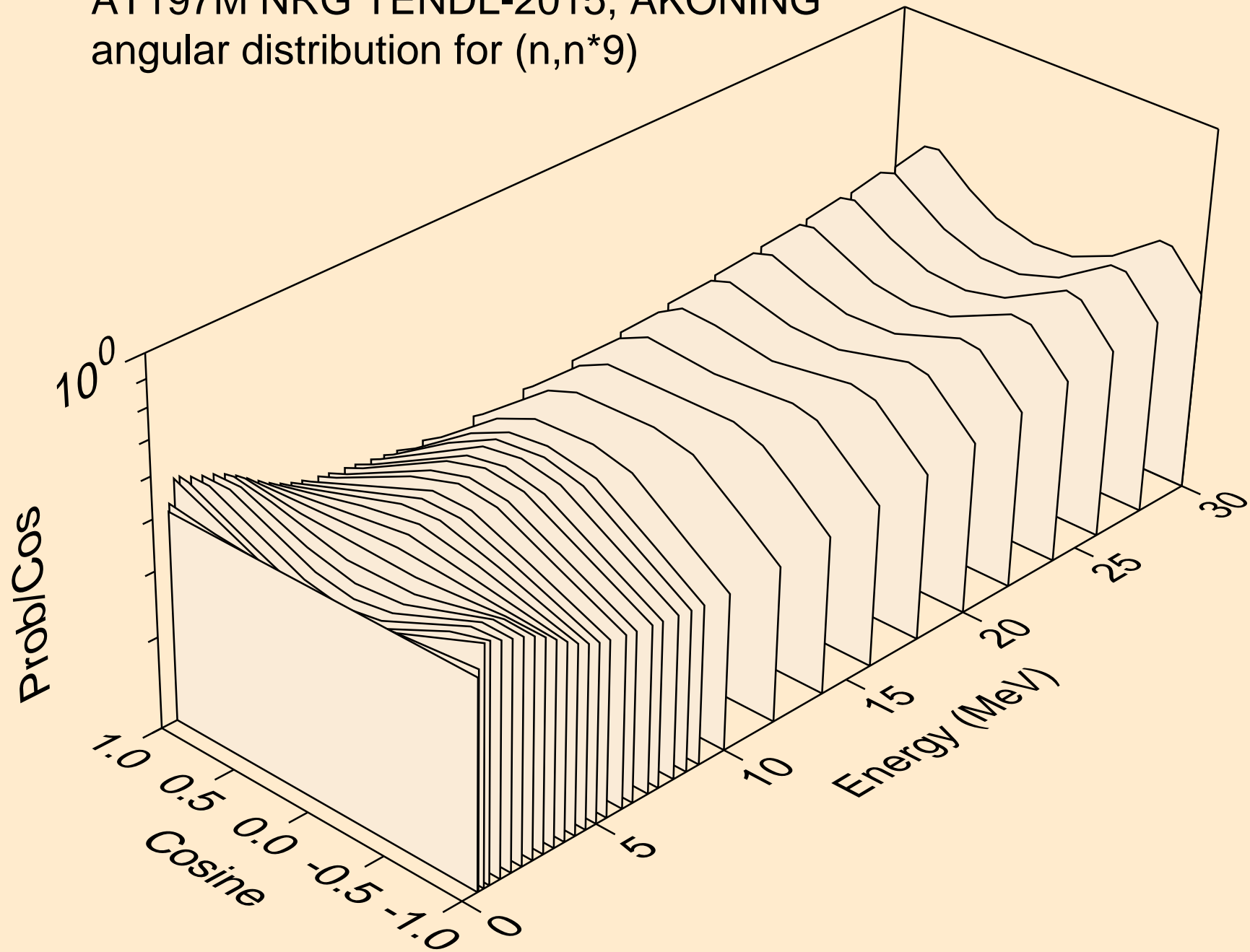




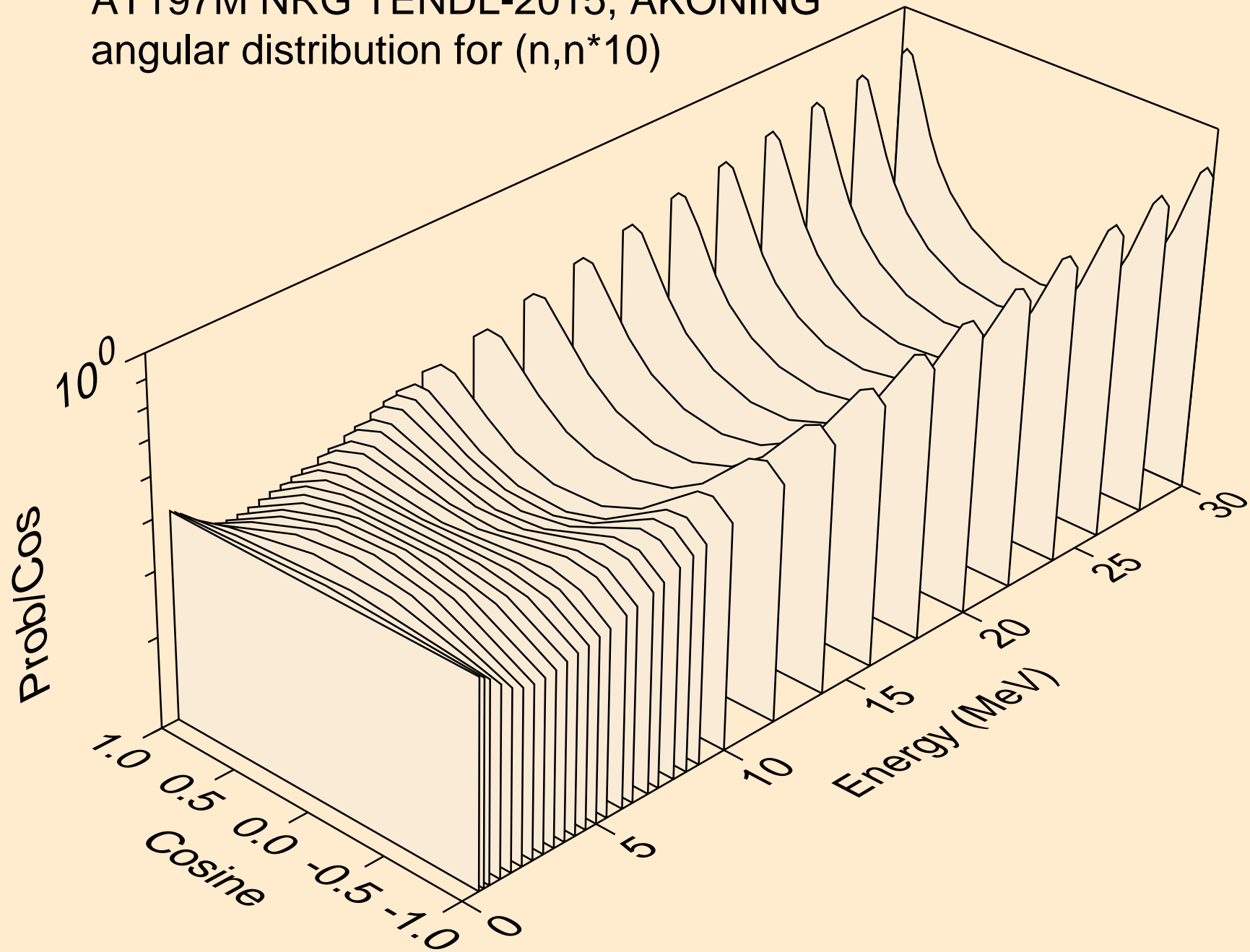
AT197M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



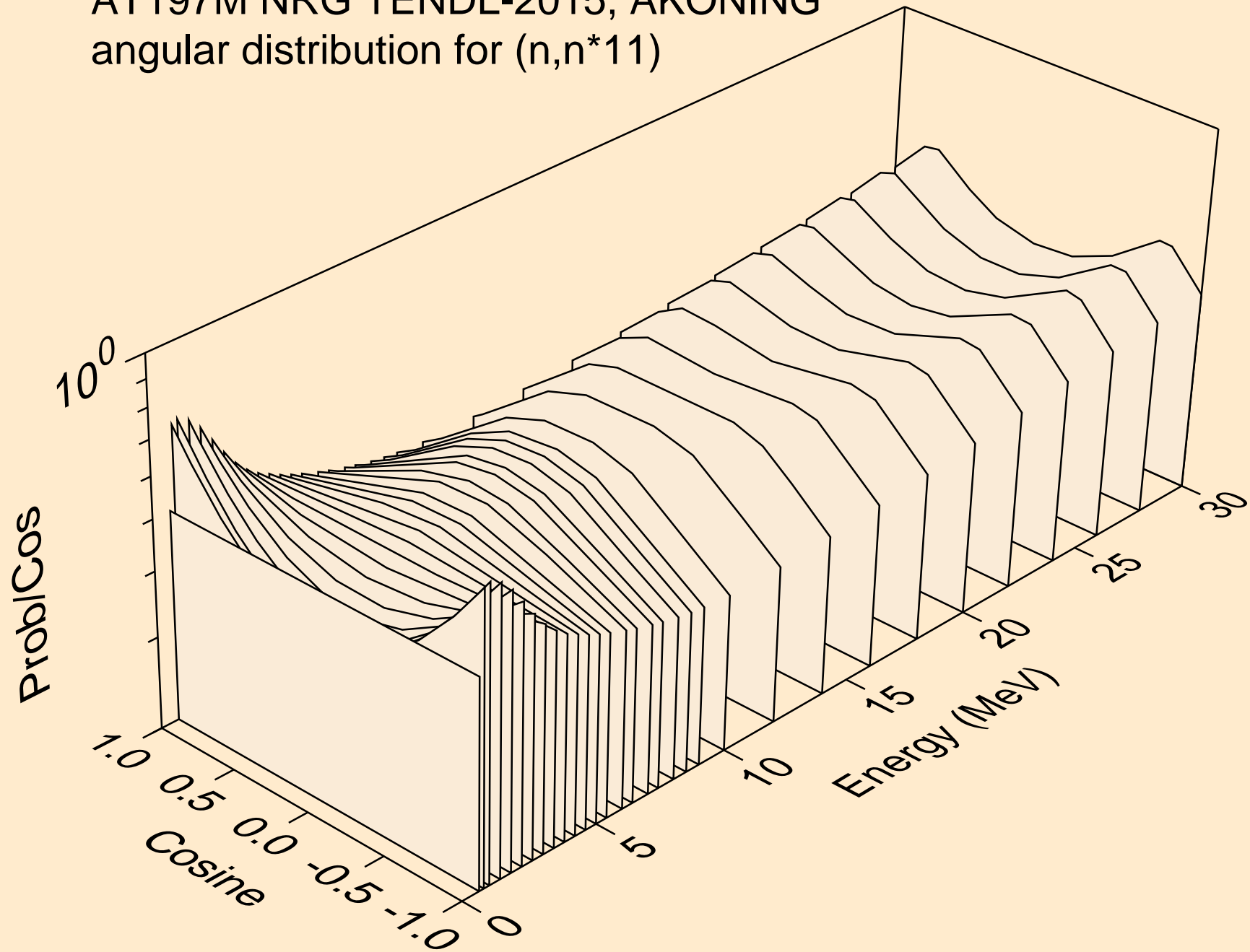
AT197M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



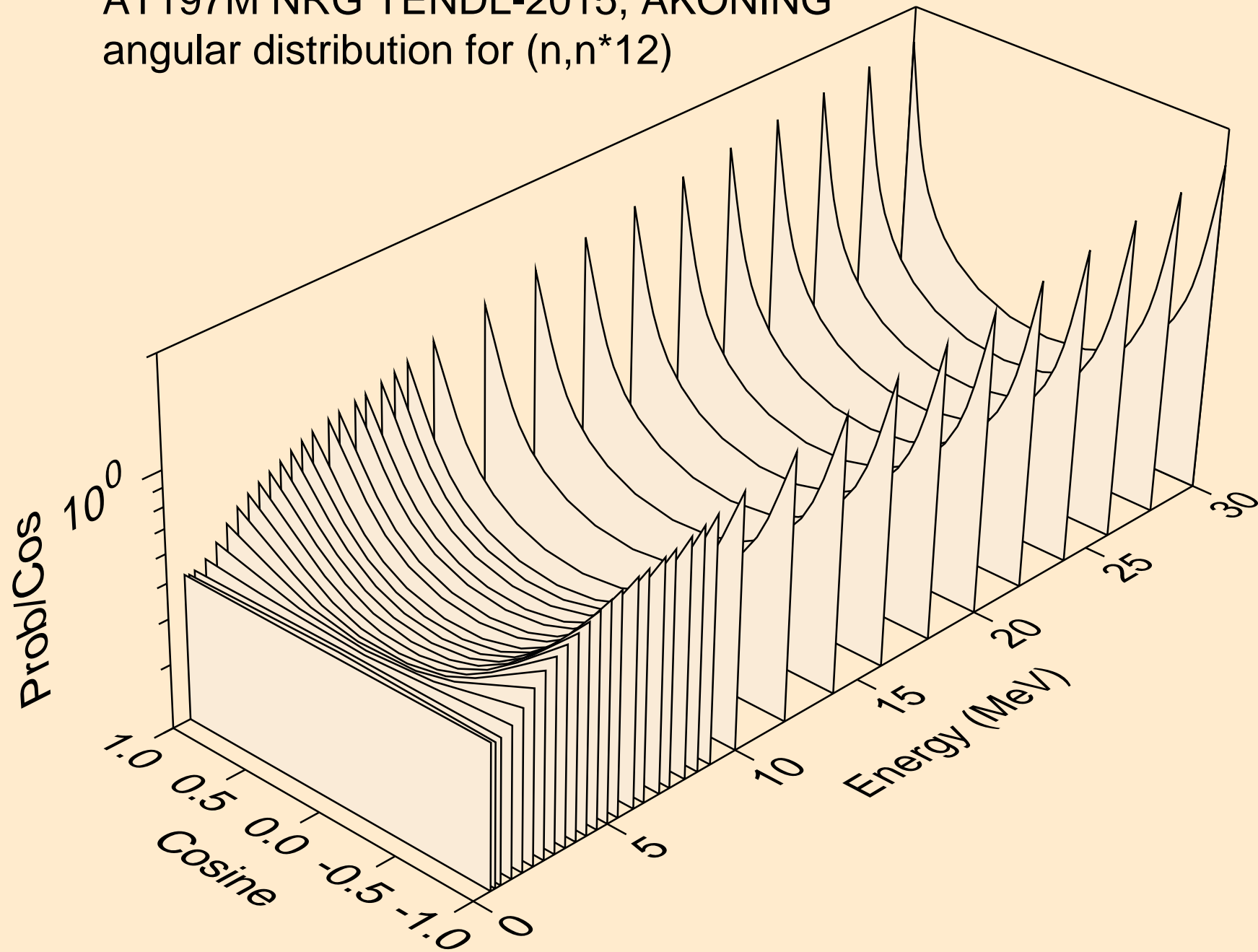
AT197M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



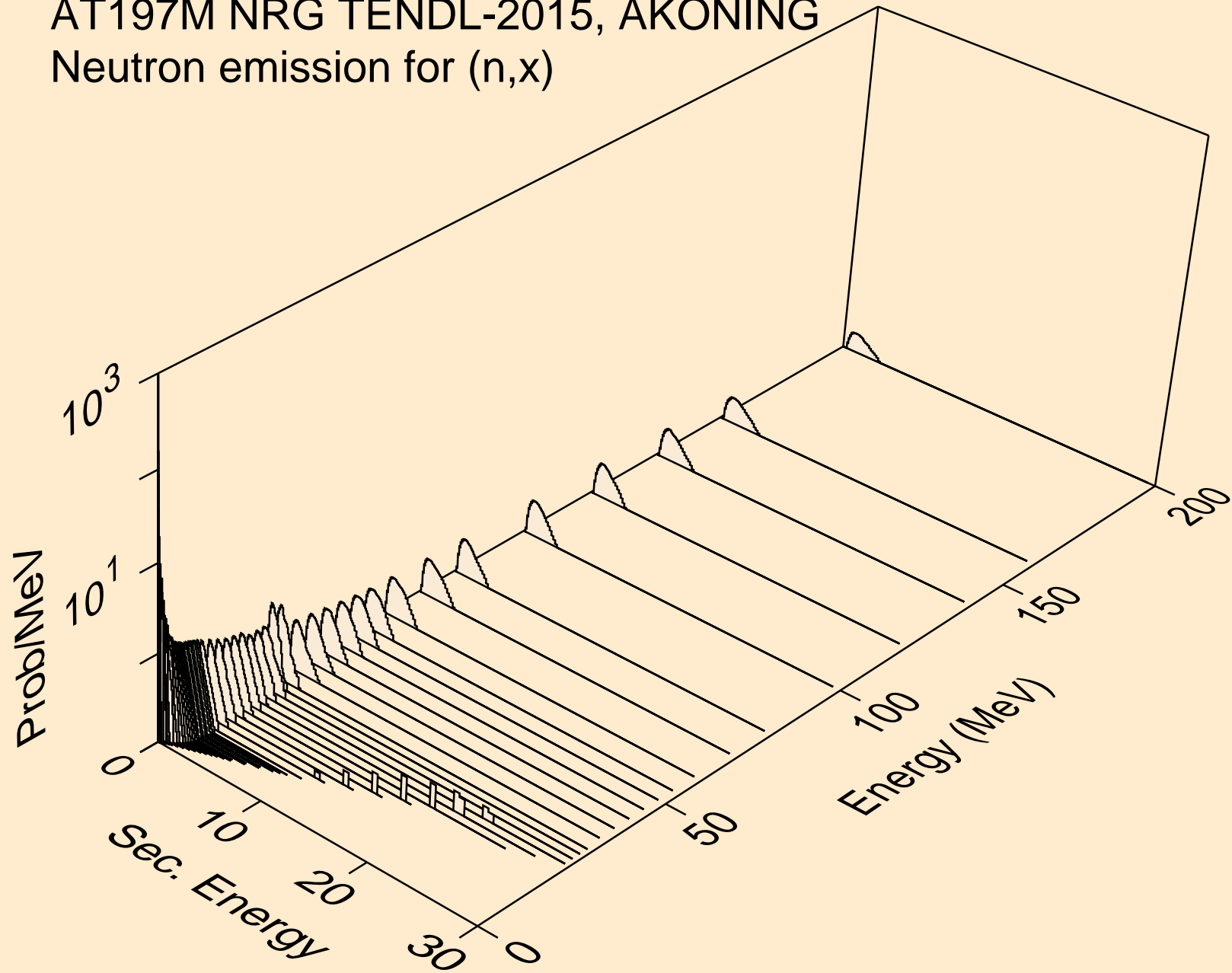
AT197M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



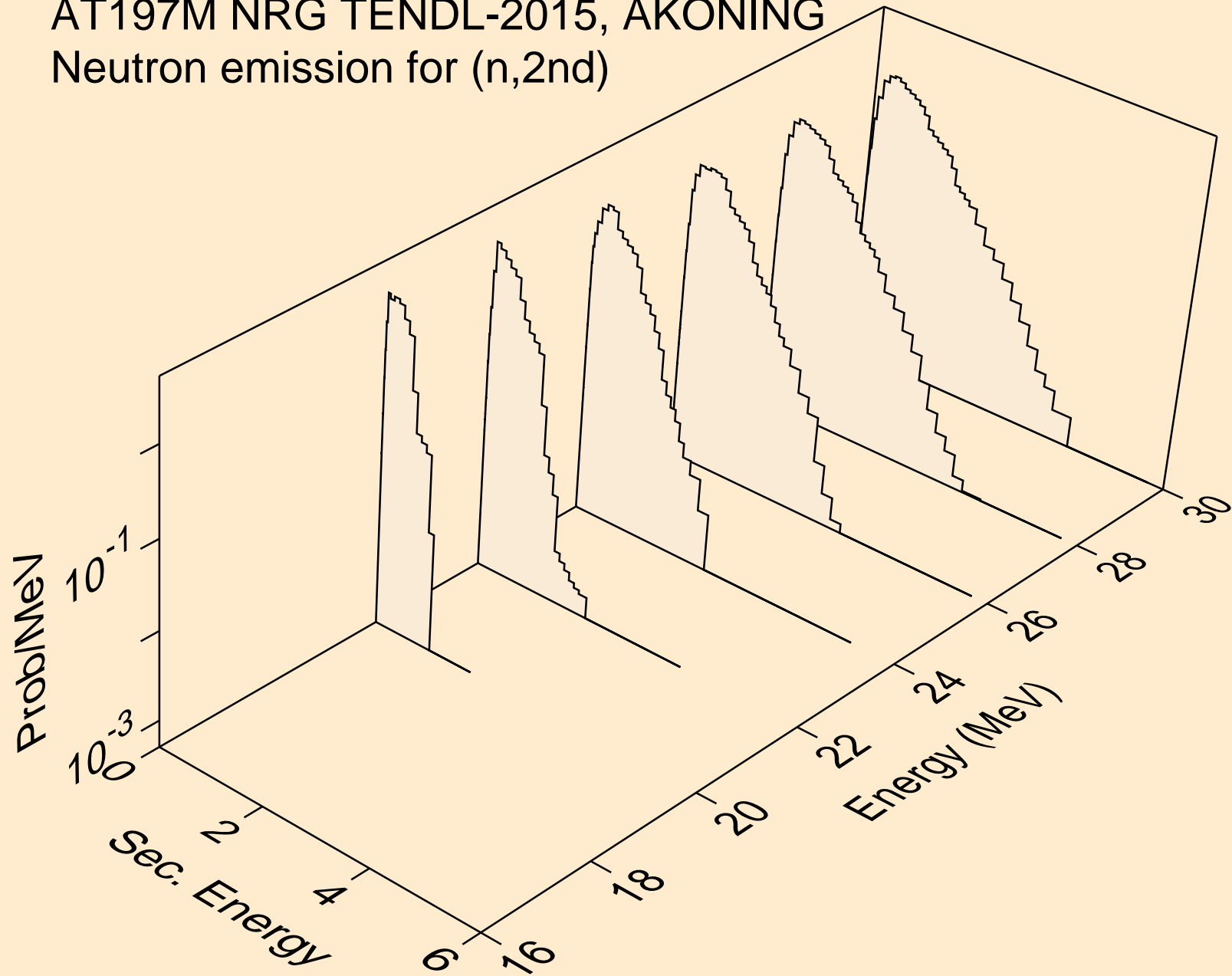
AT197M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



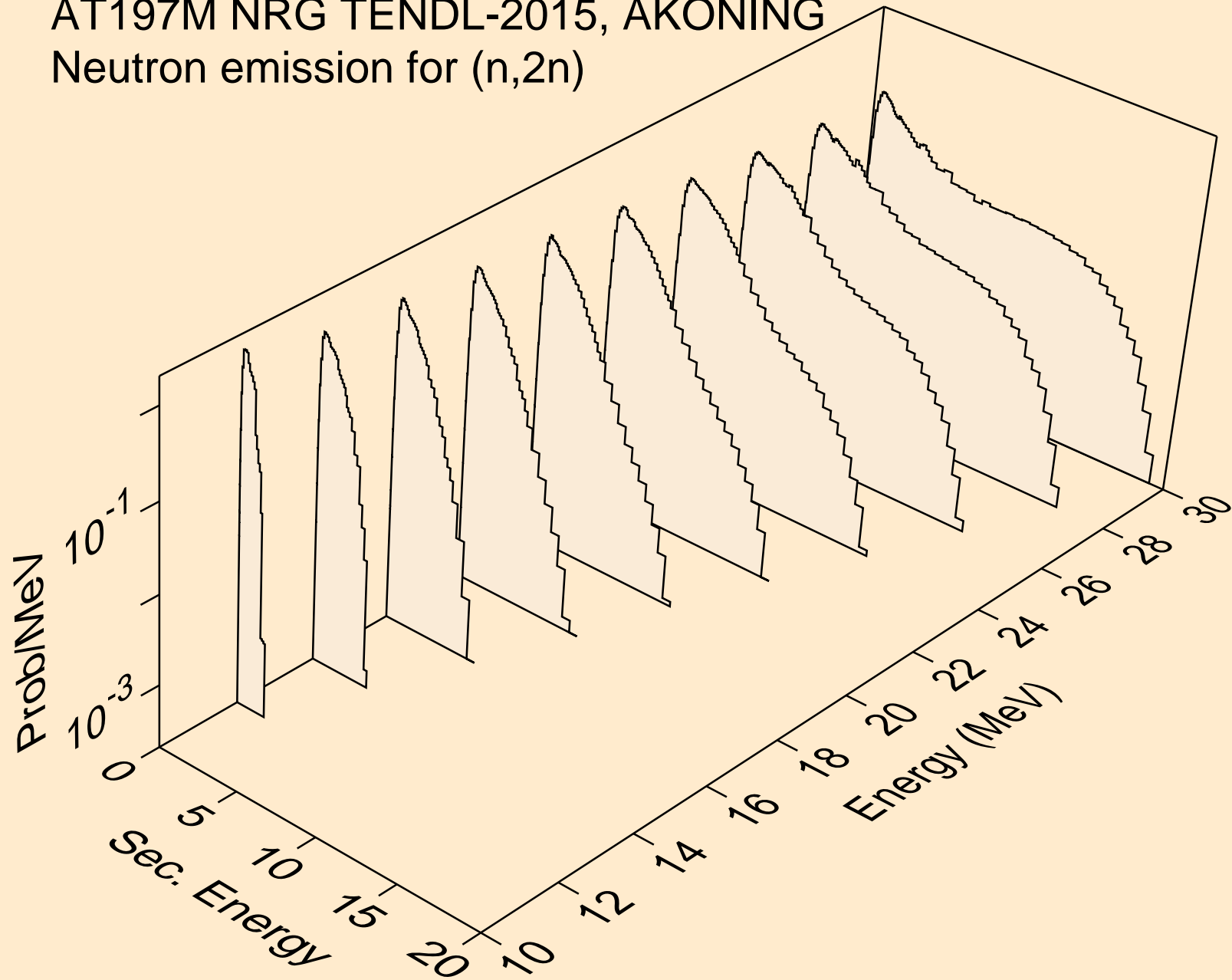
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

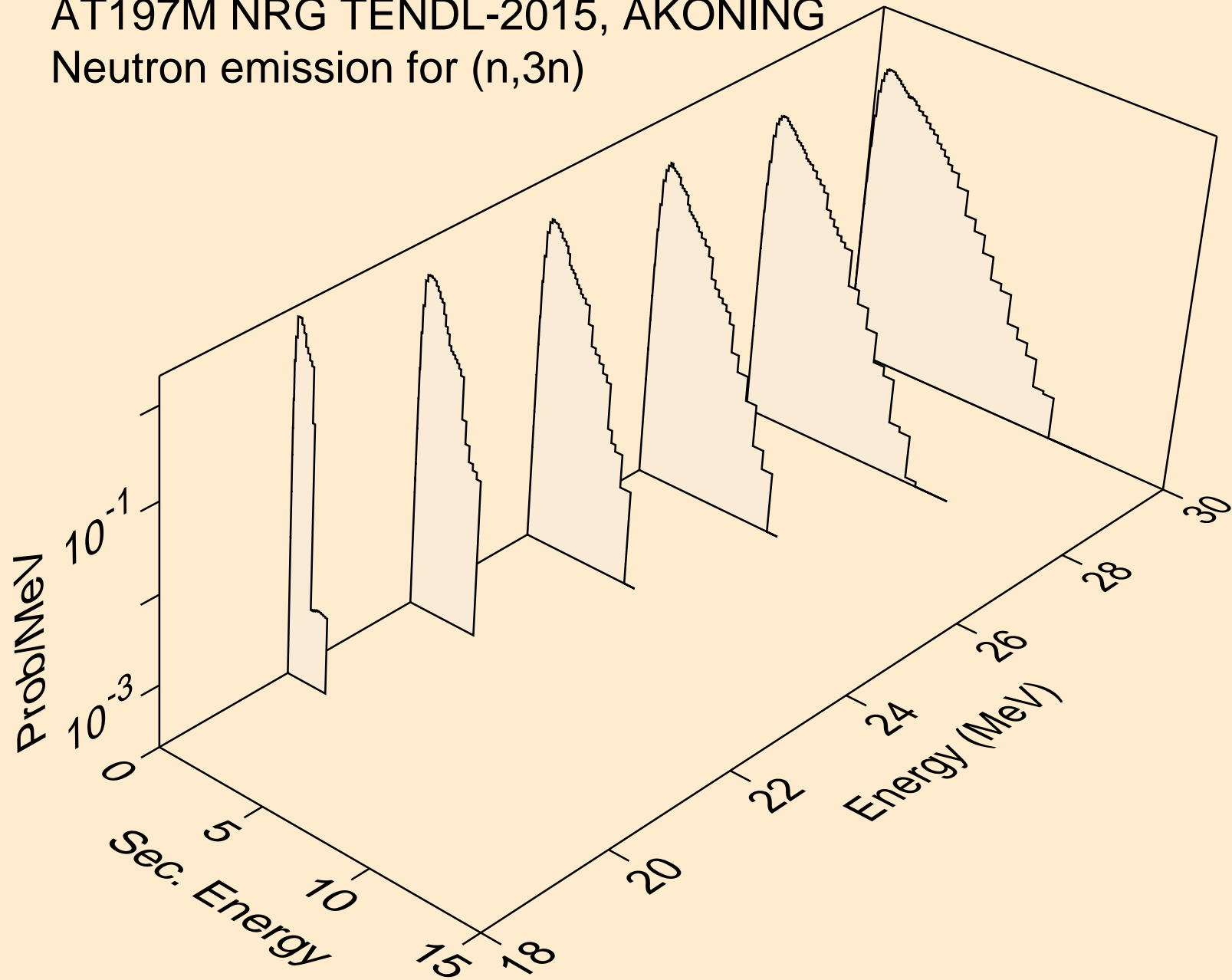


AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

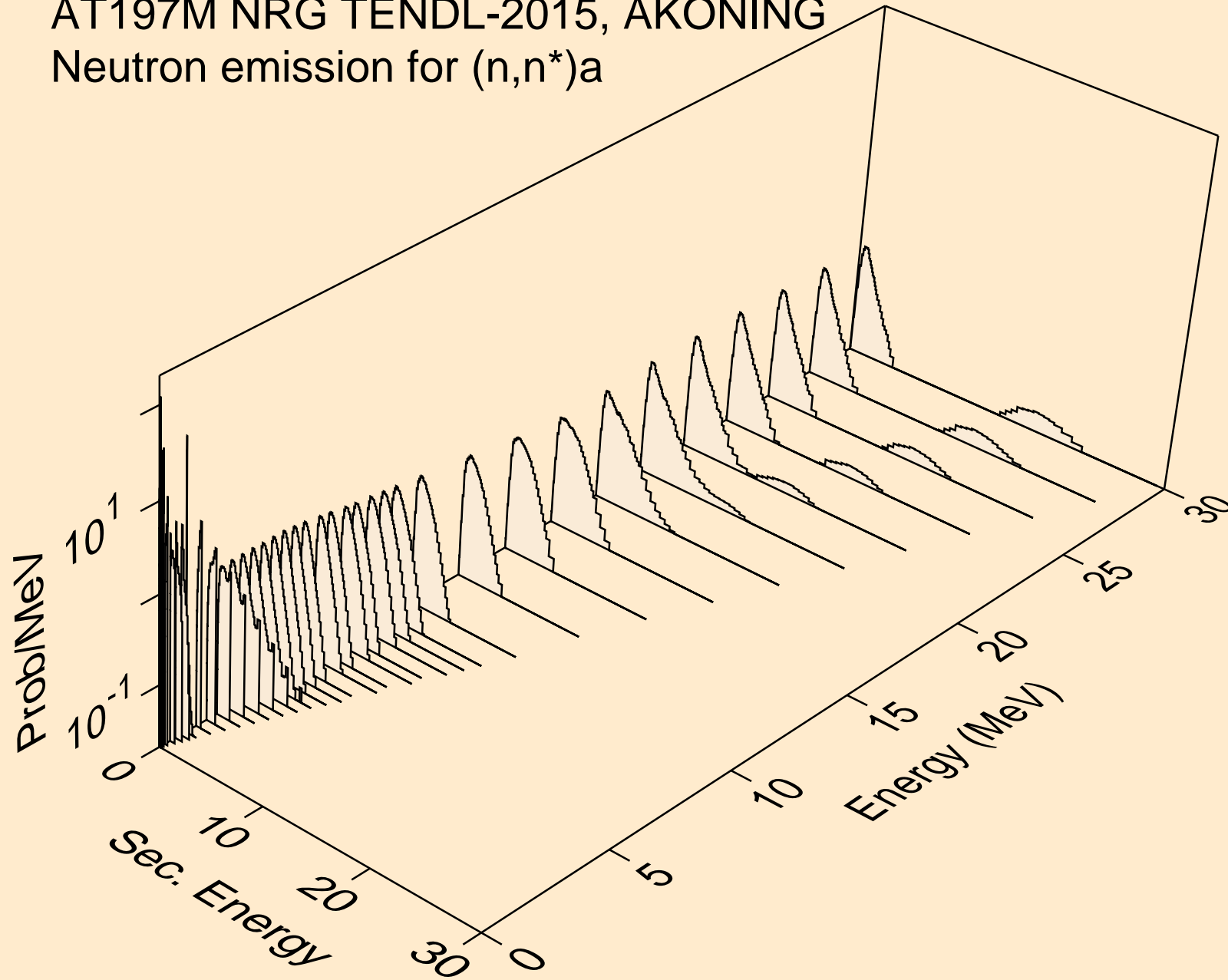




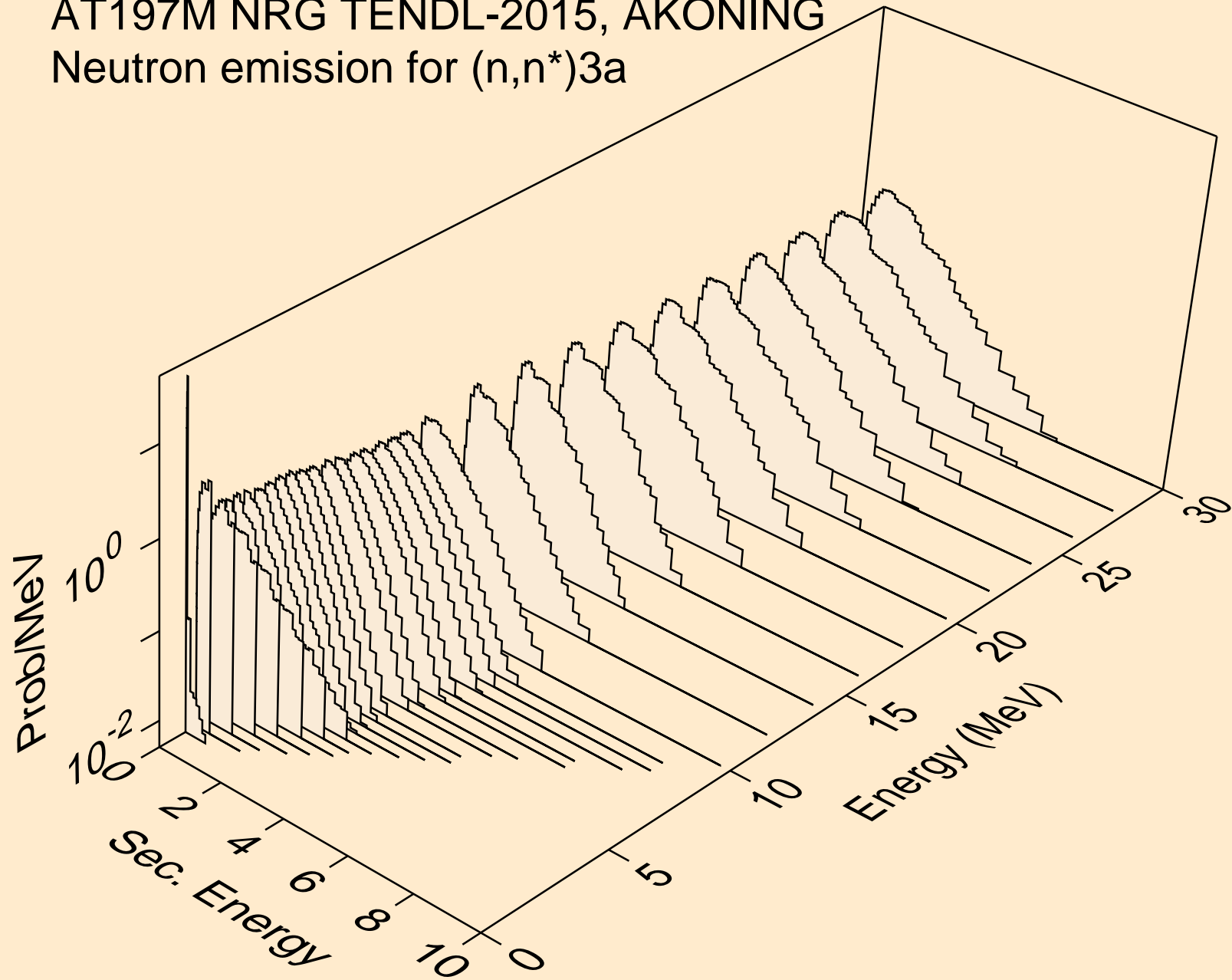
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



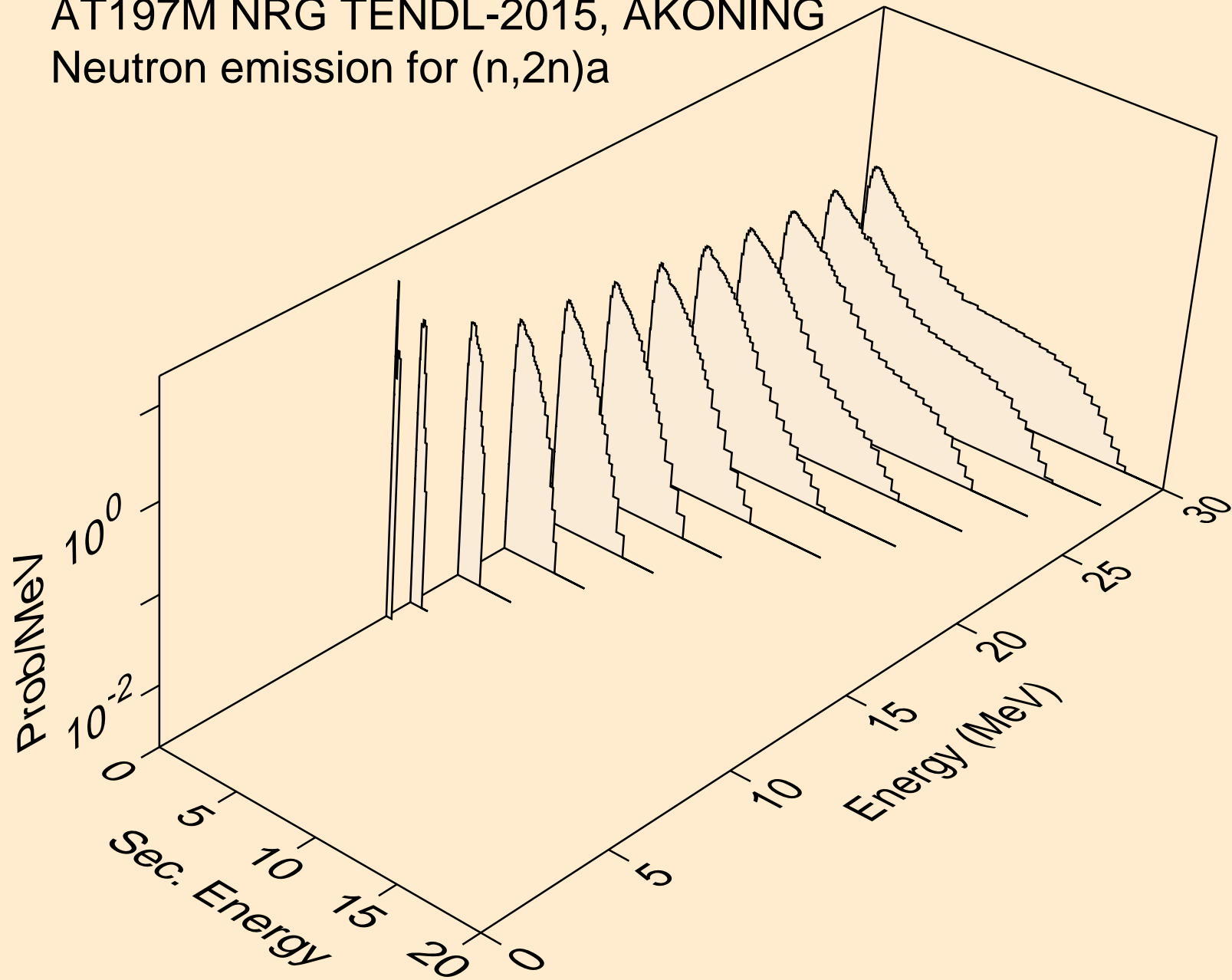
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



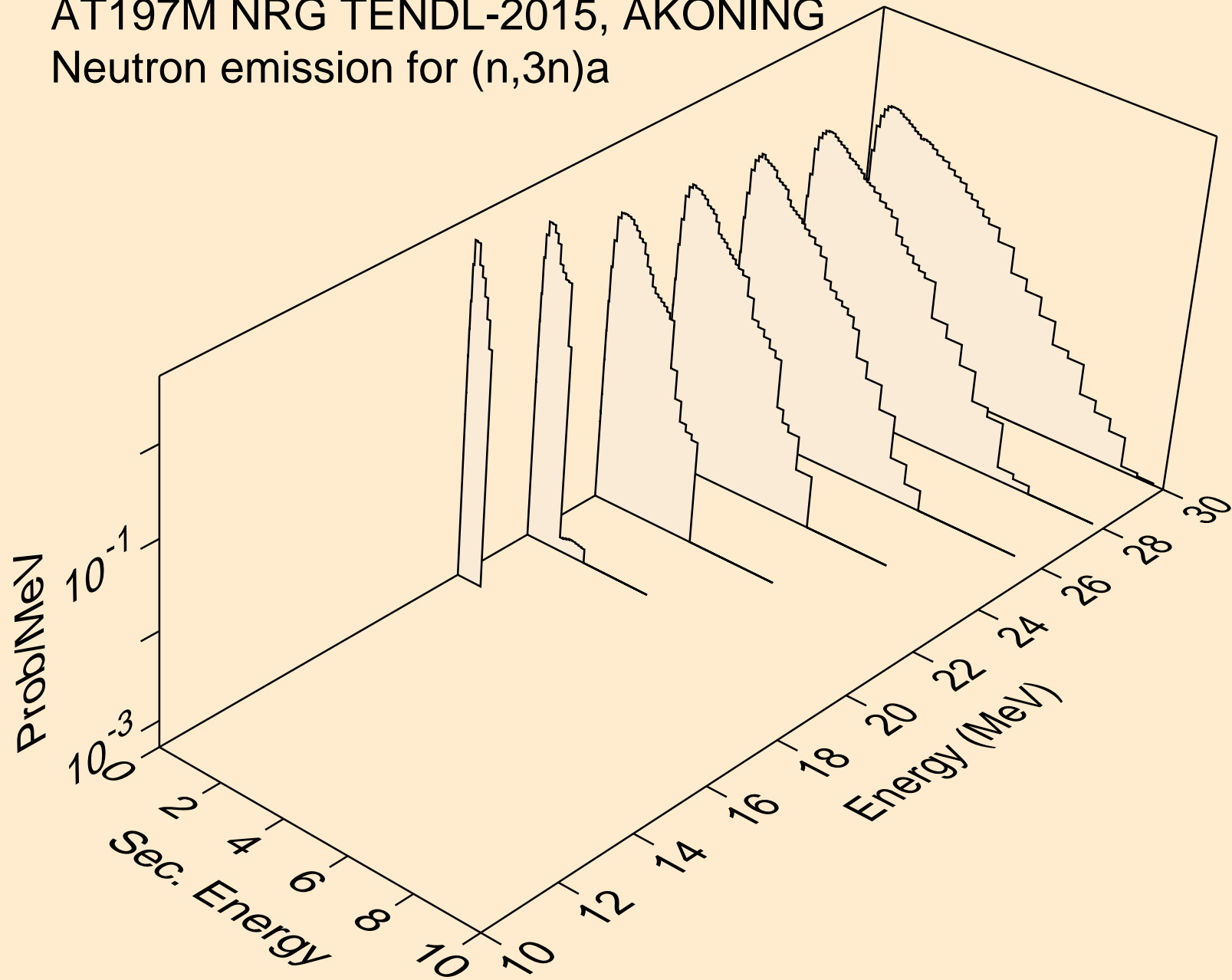
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



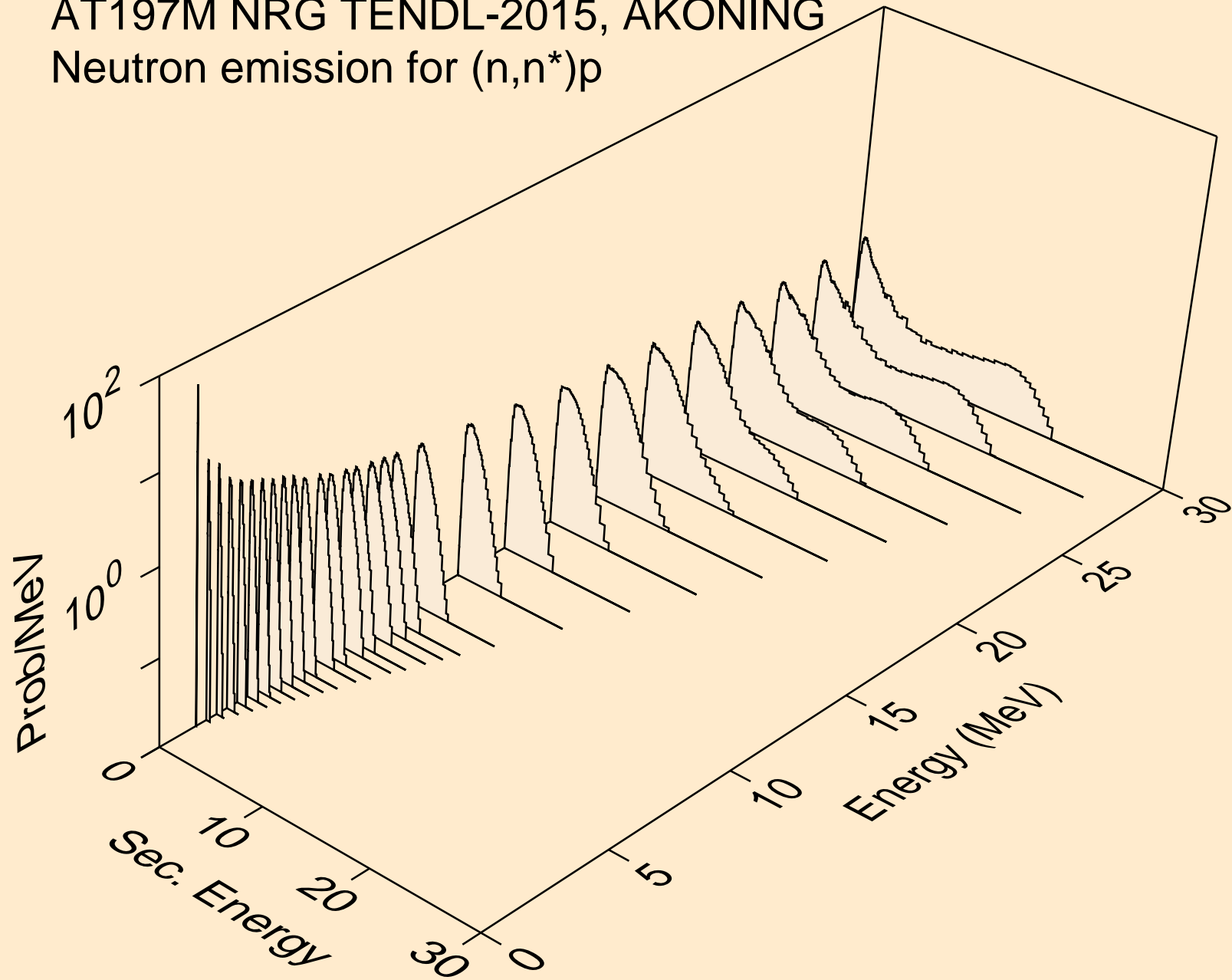
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



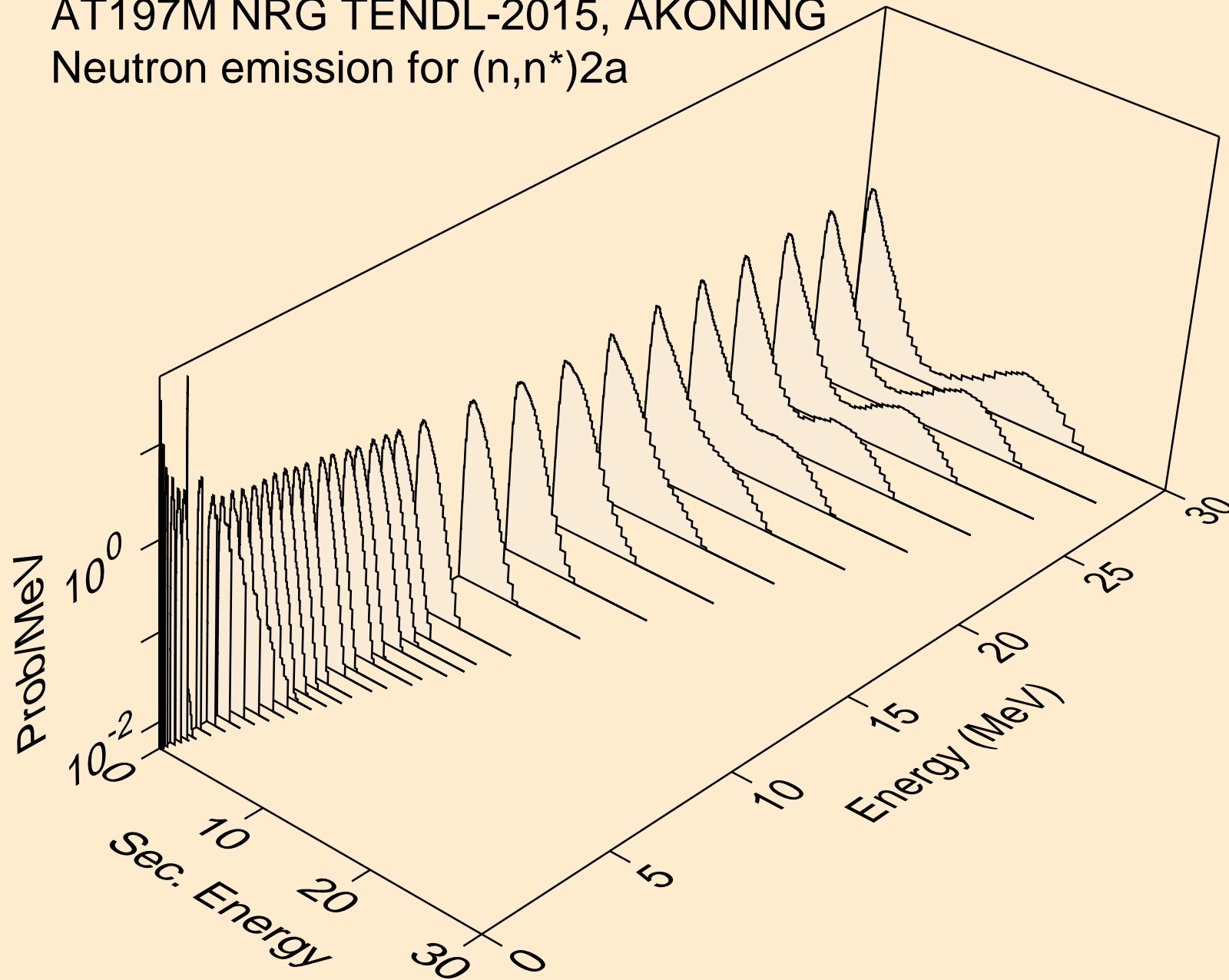
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



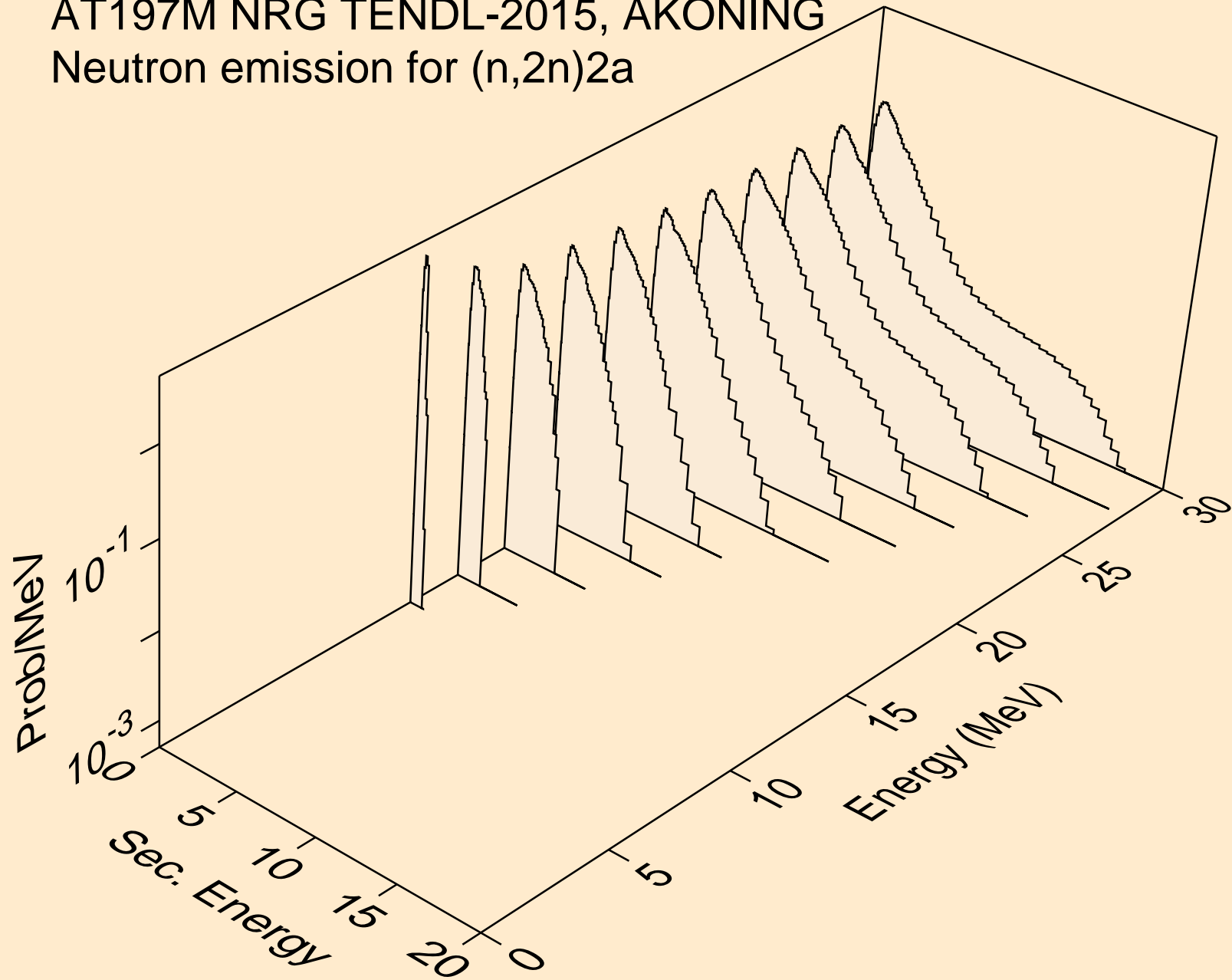
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

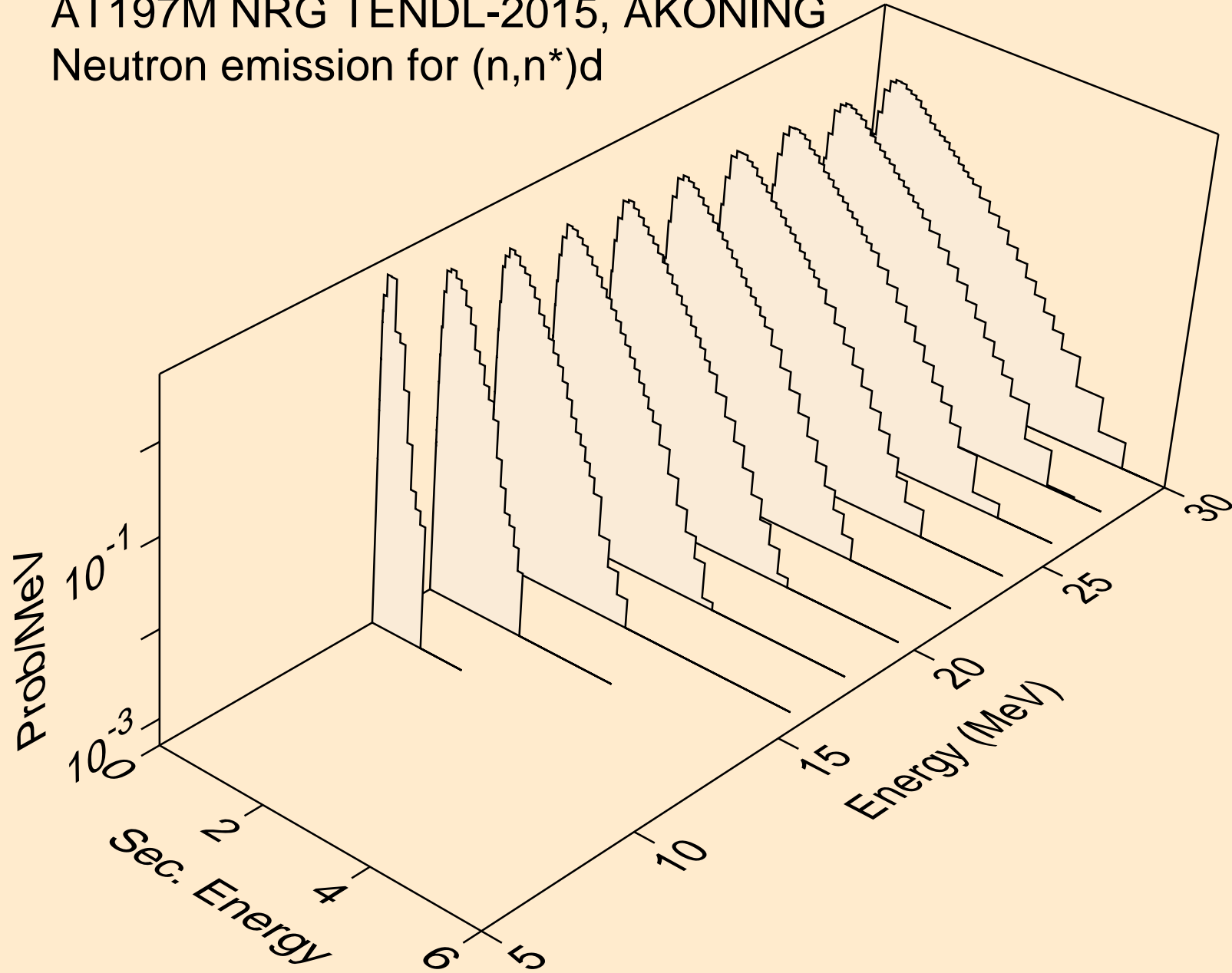


AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)<sub>2a</sub>

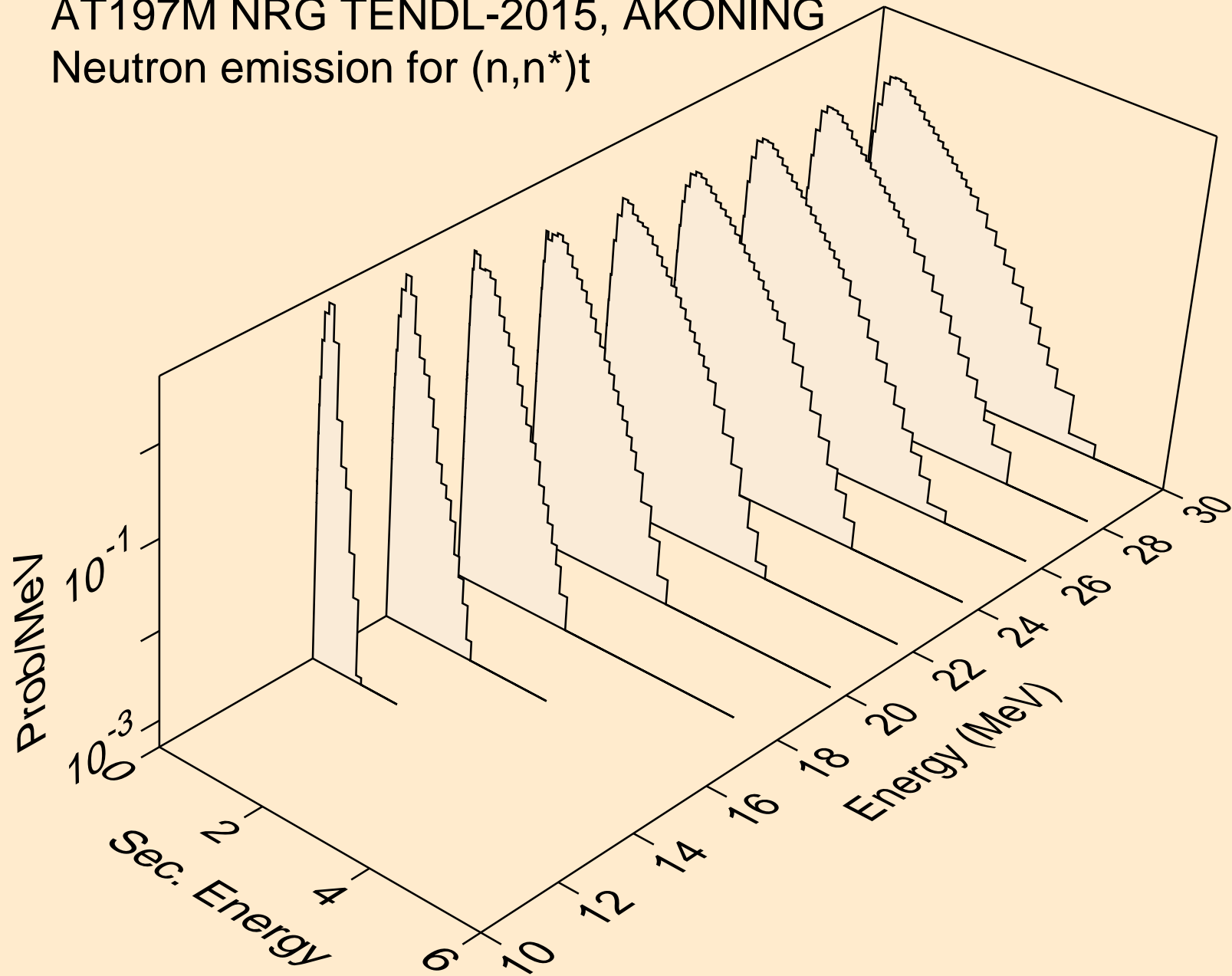




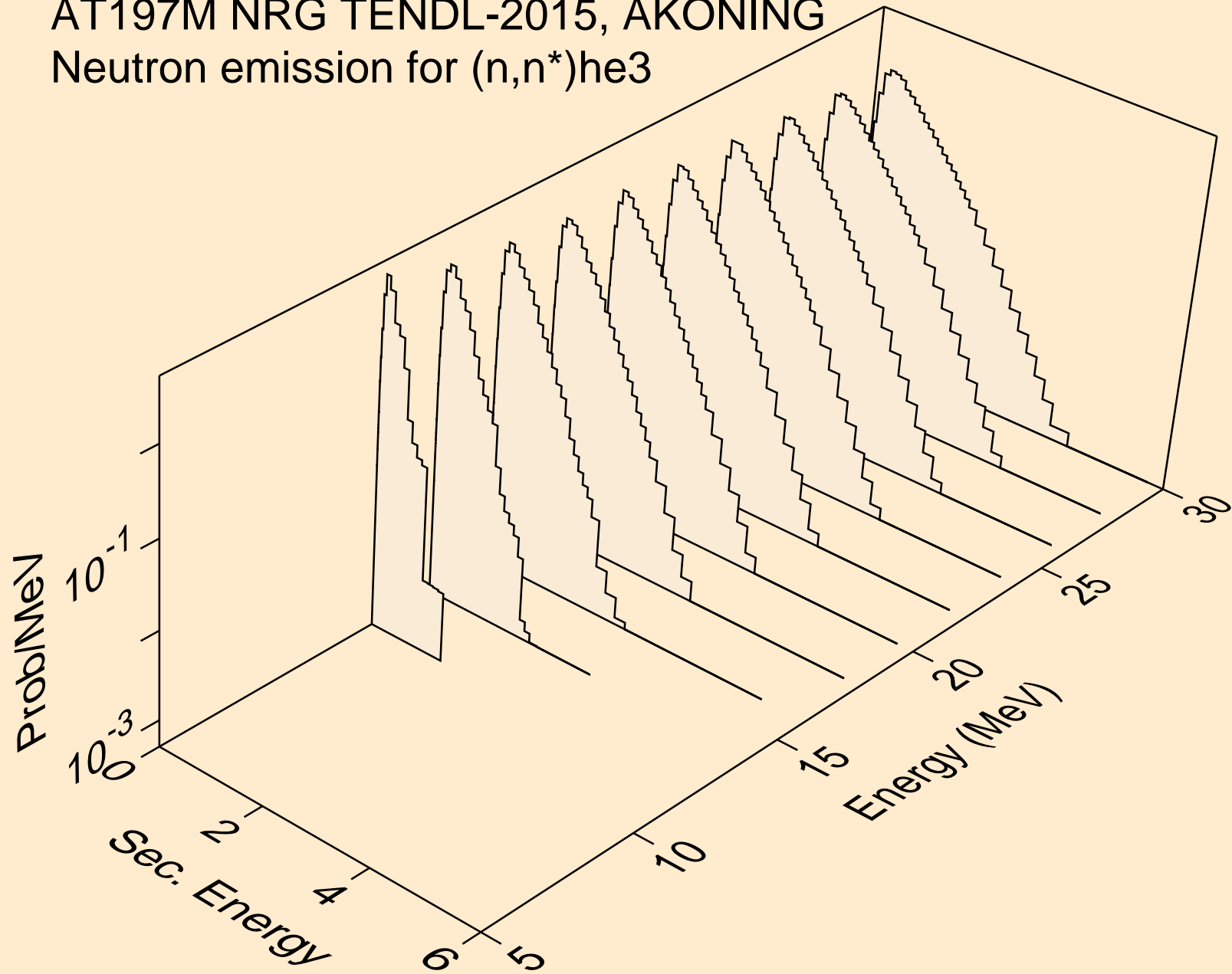
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



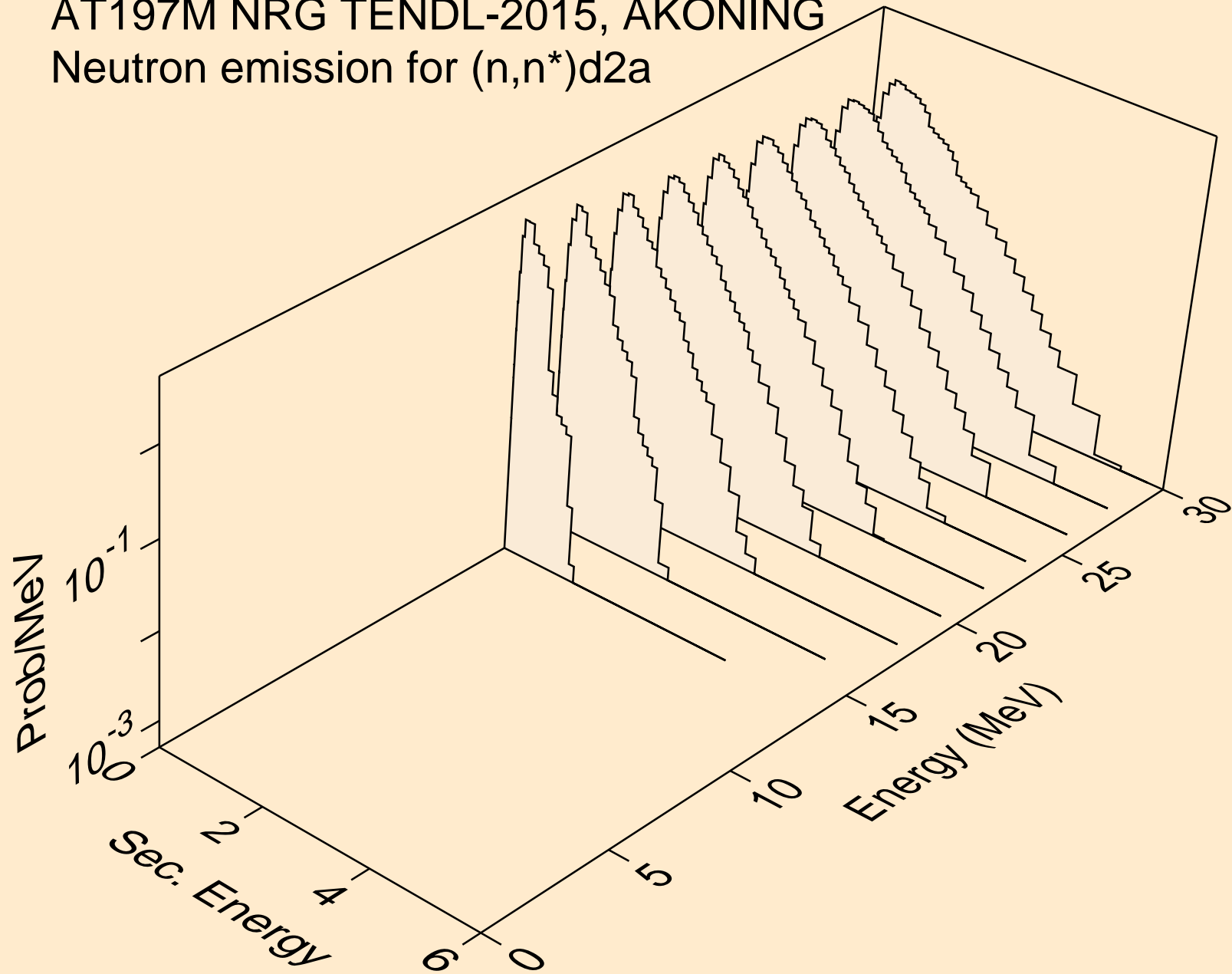
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



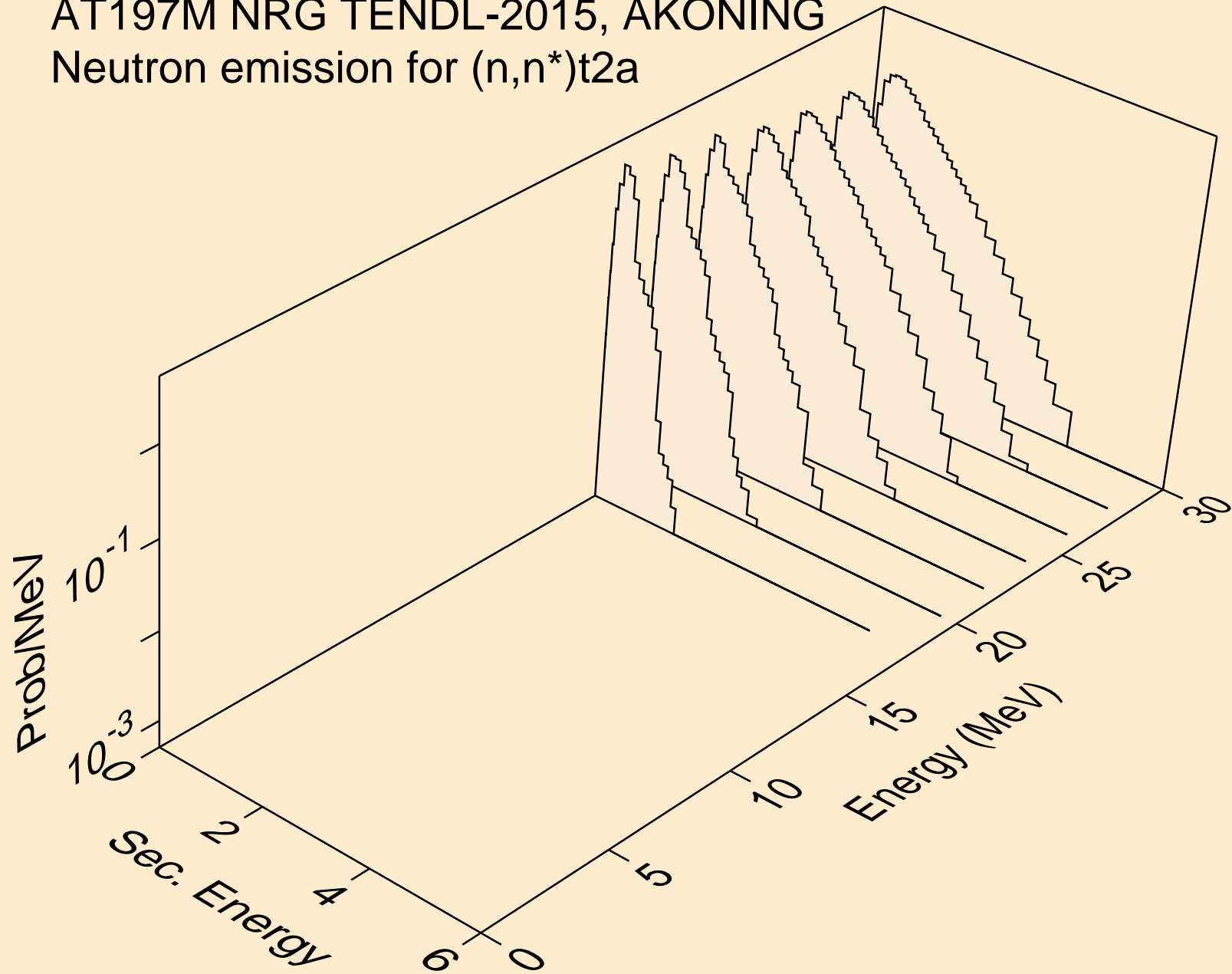
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



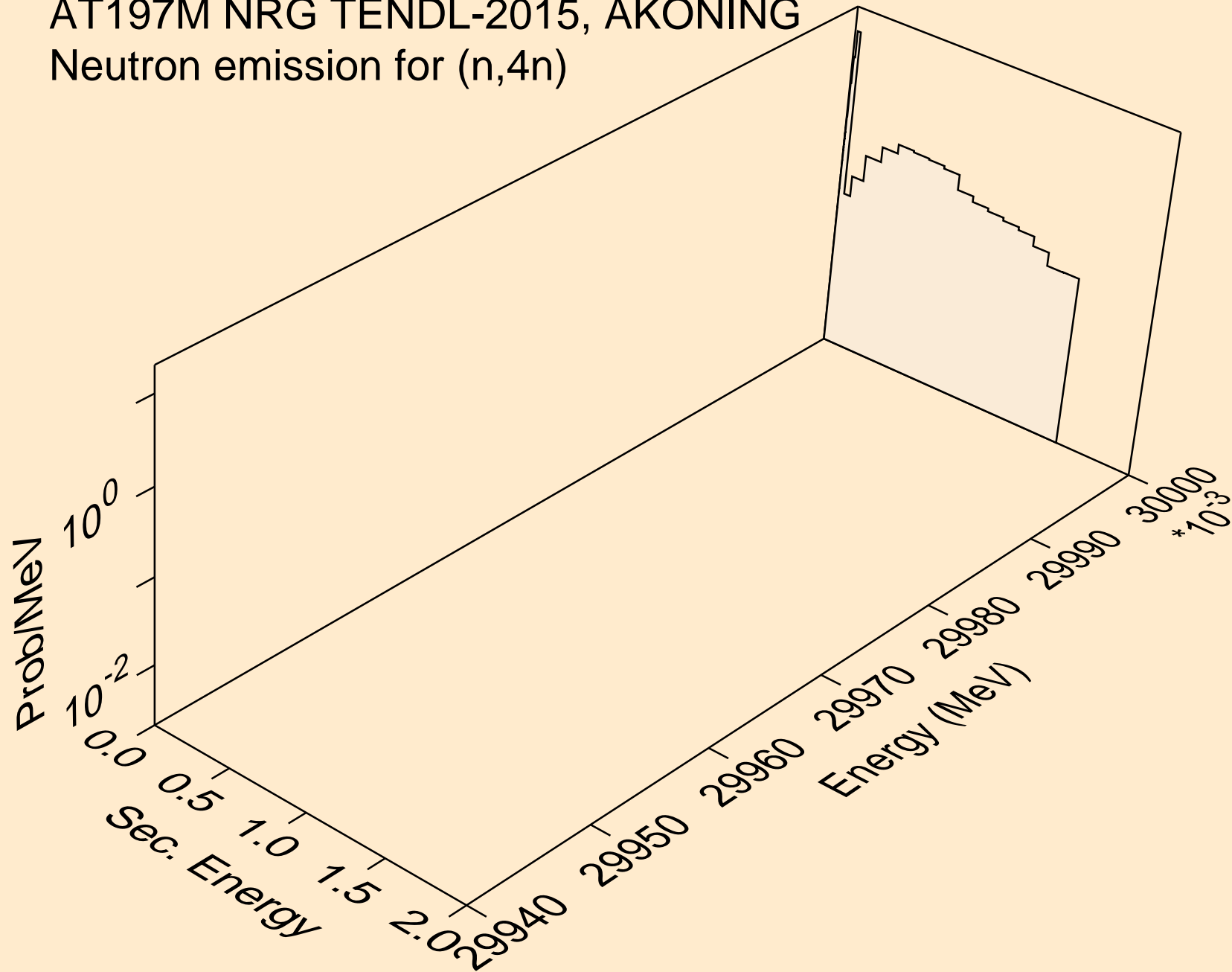
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



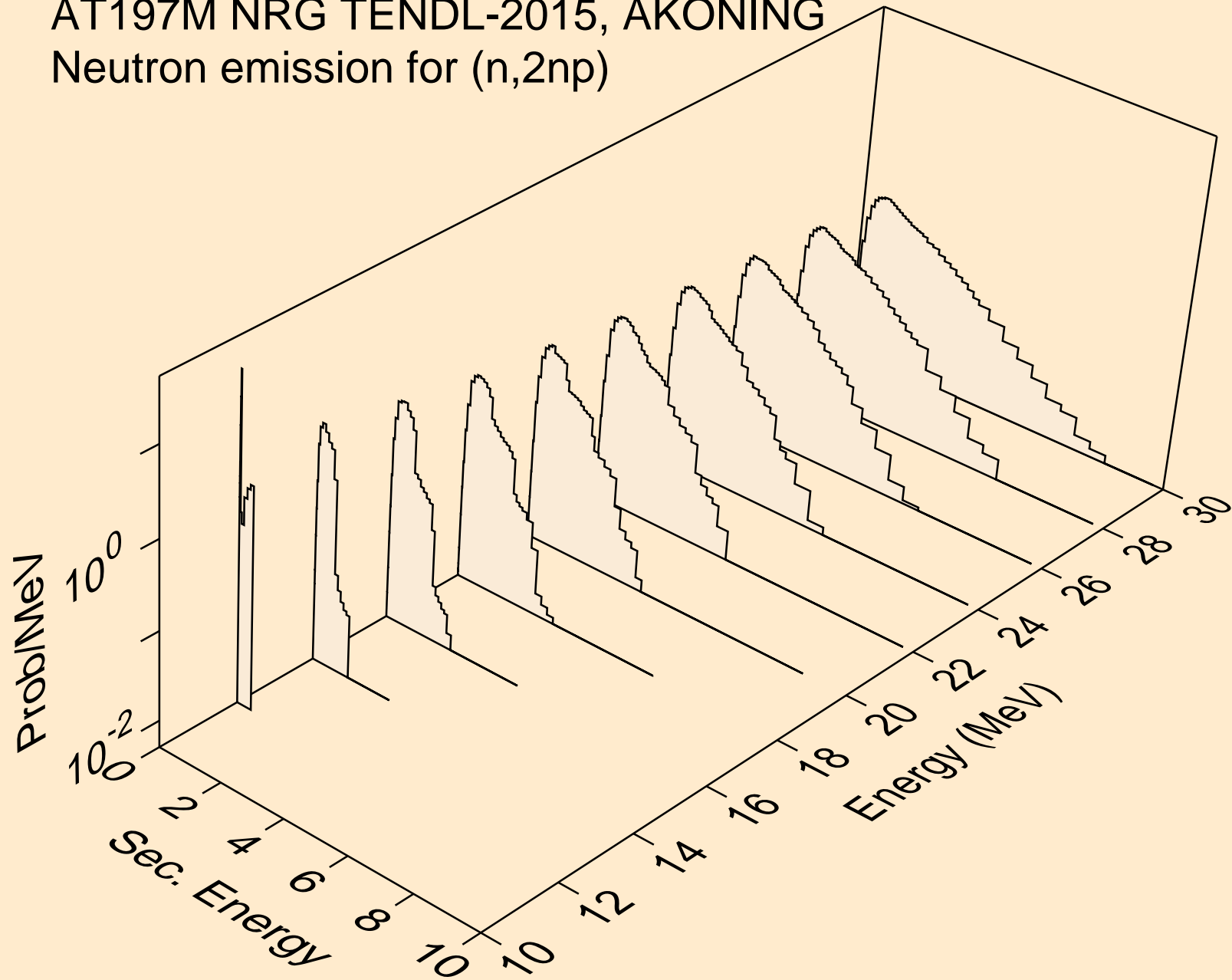
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t2a



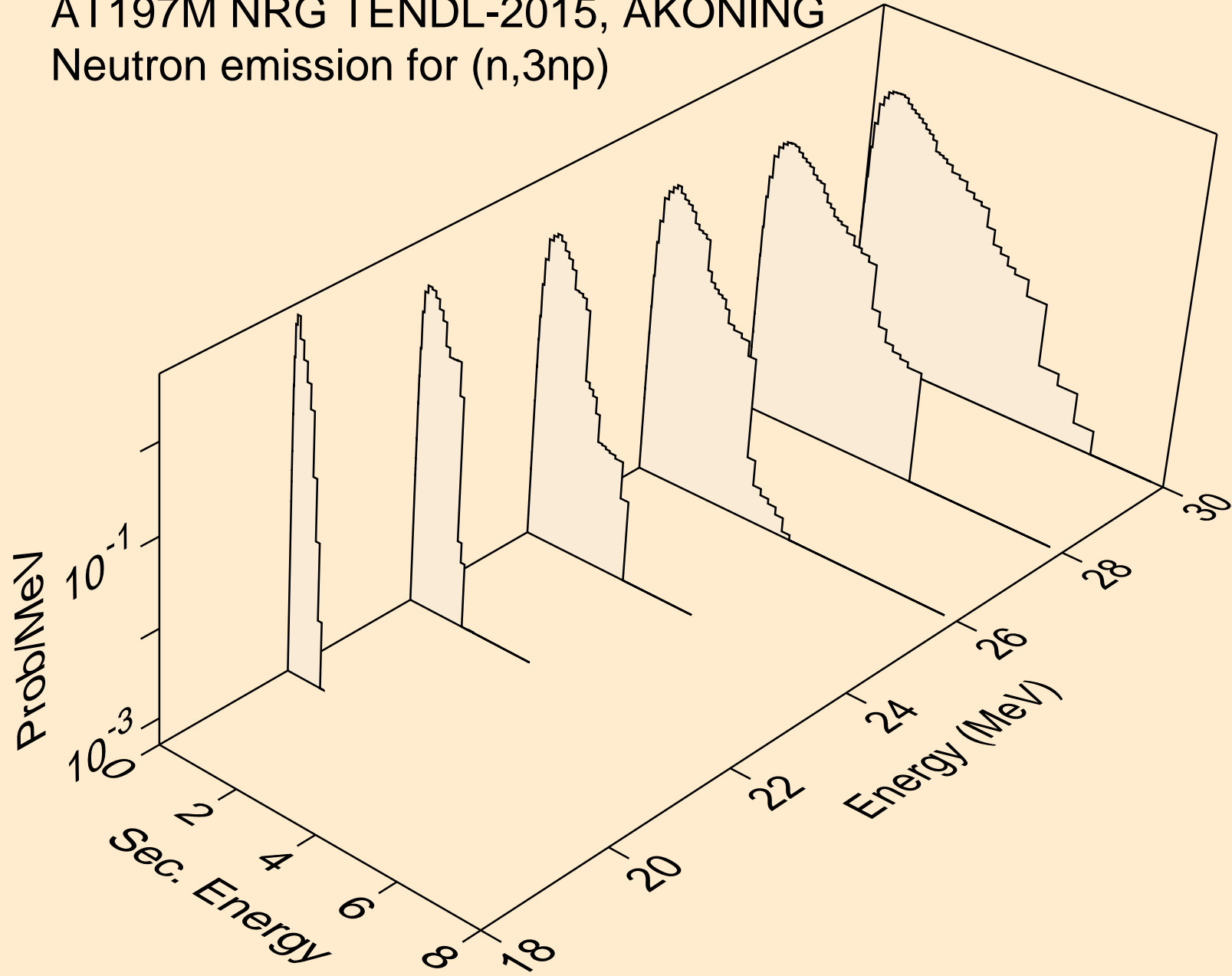
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

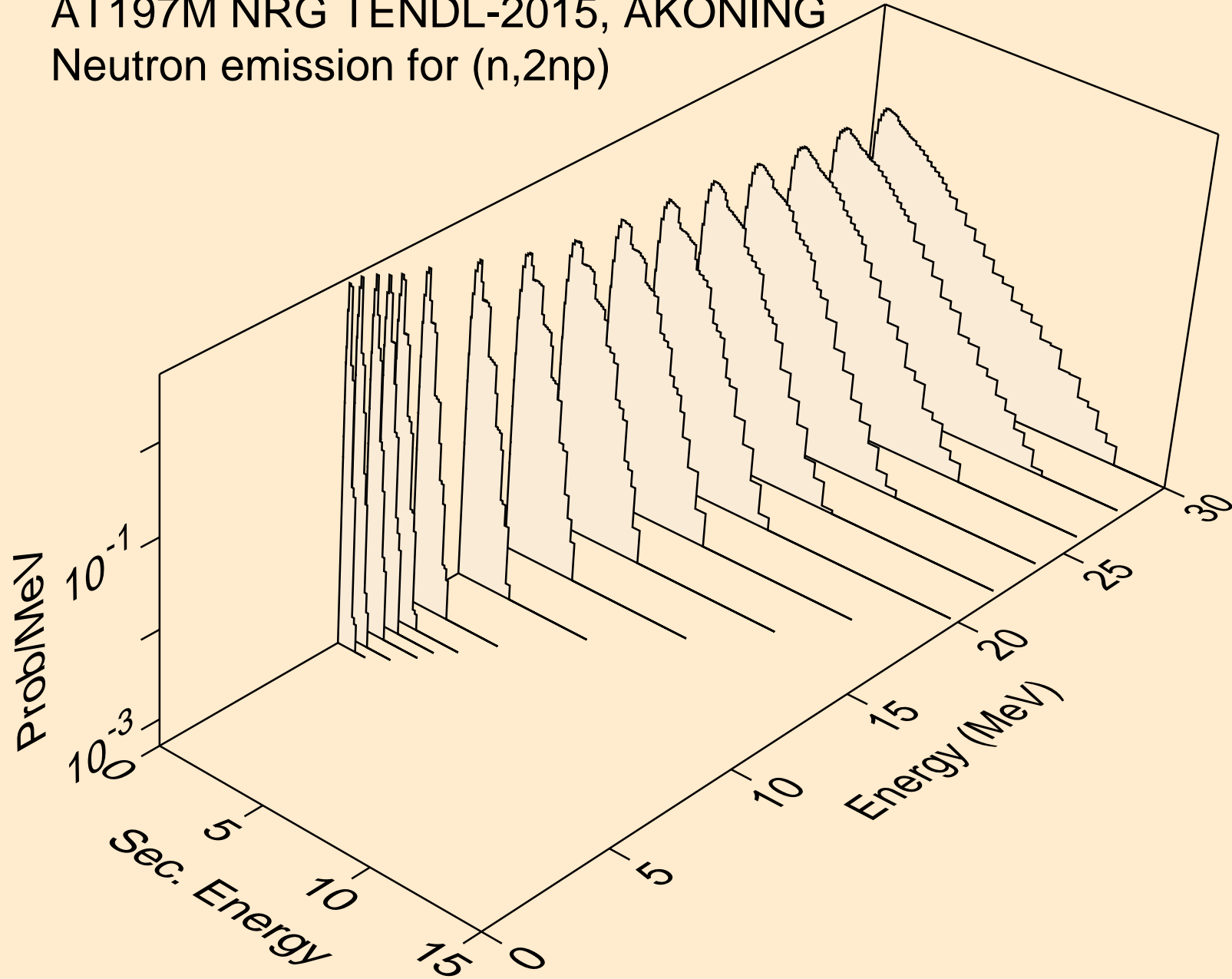


AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

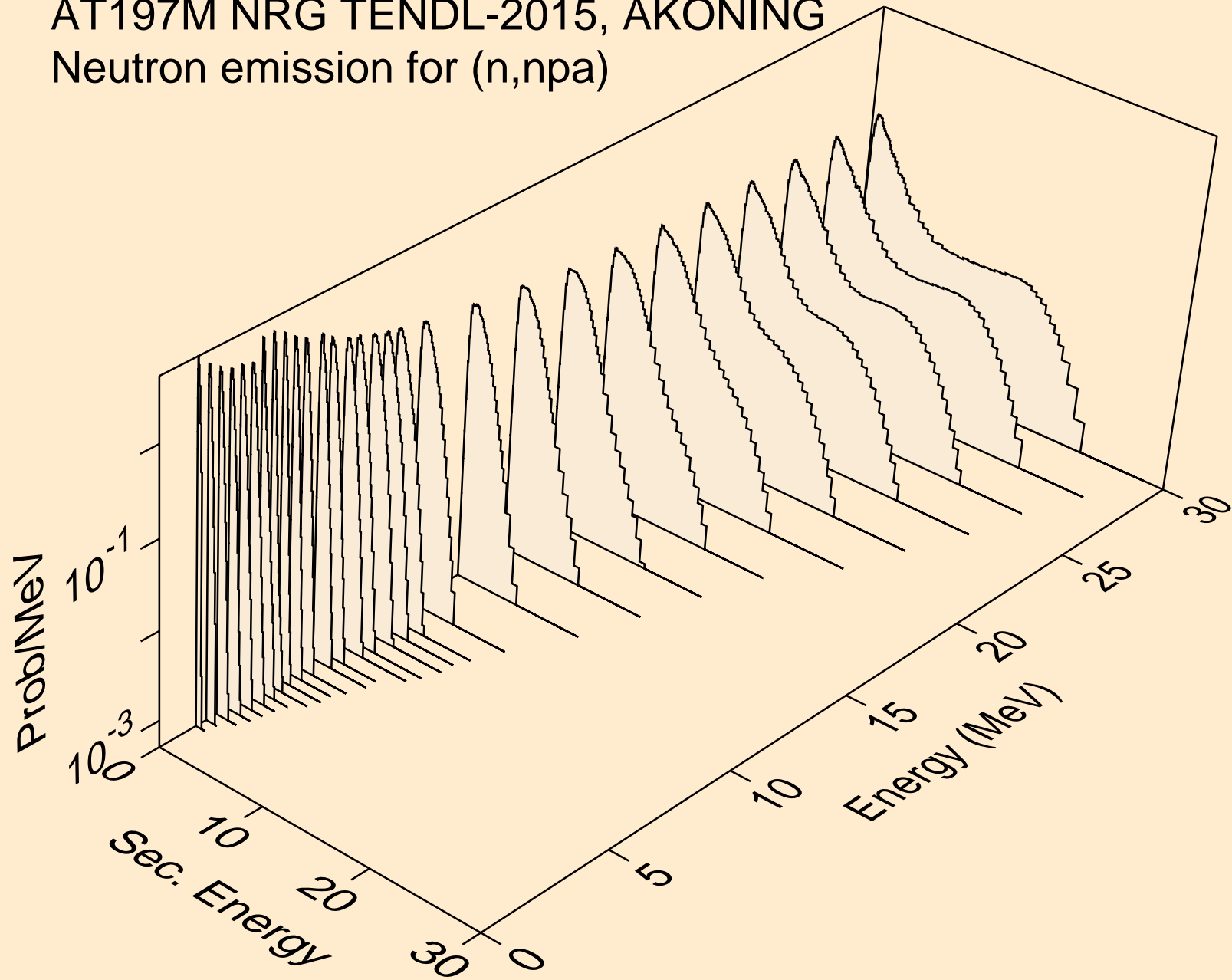




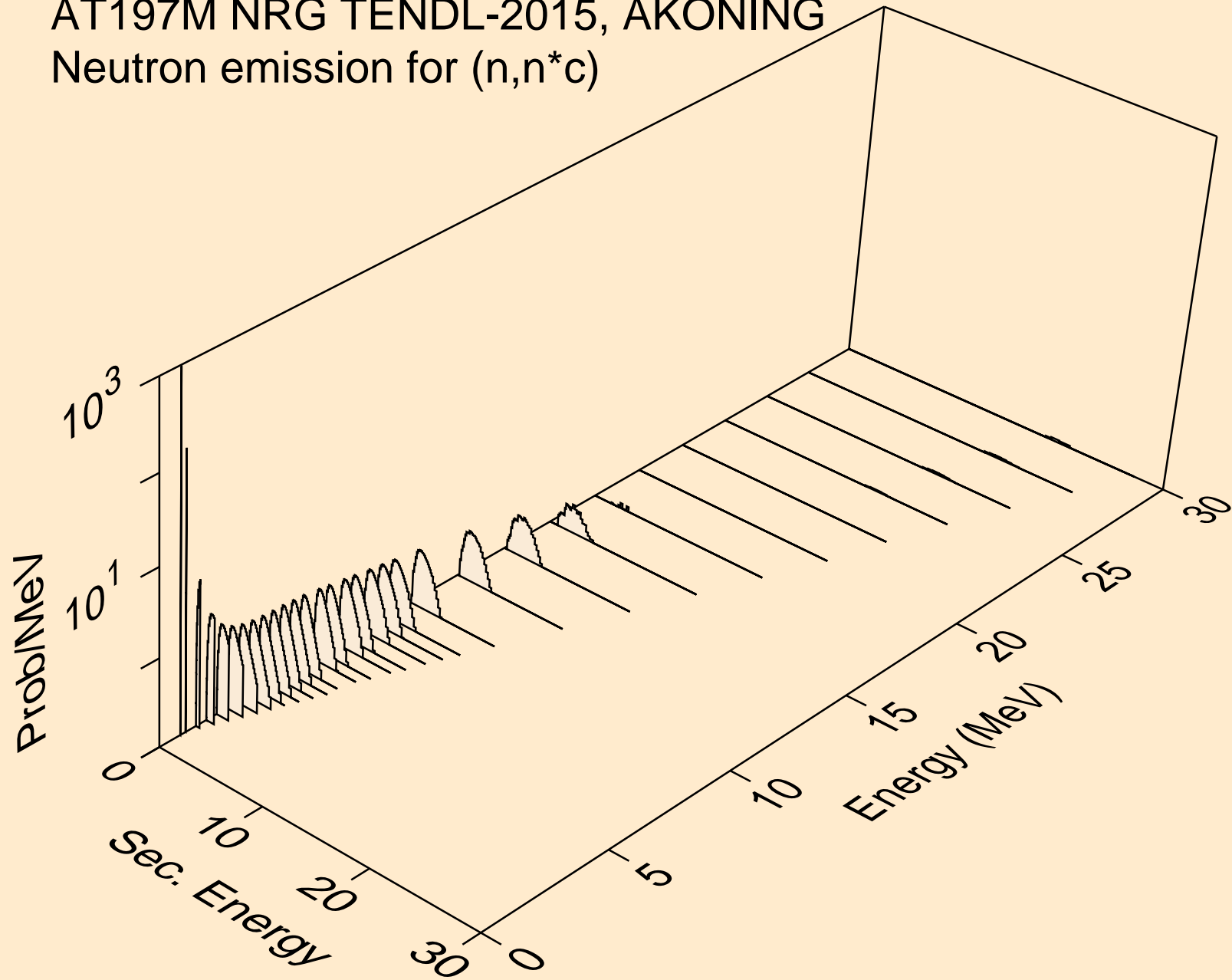
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



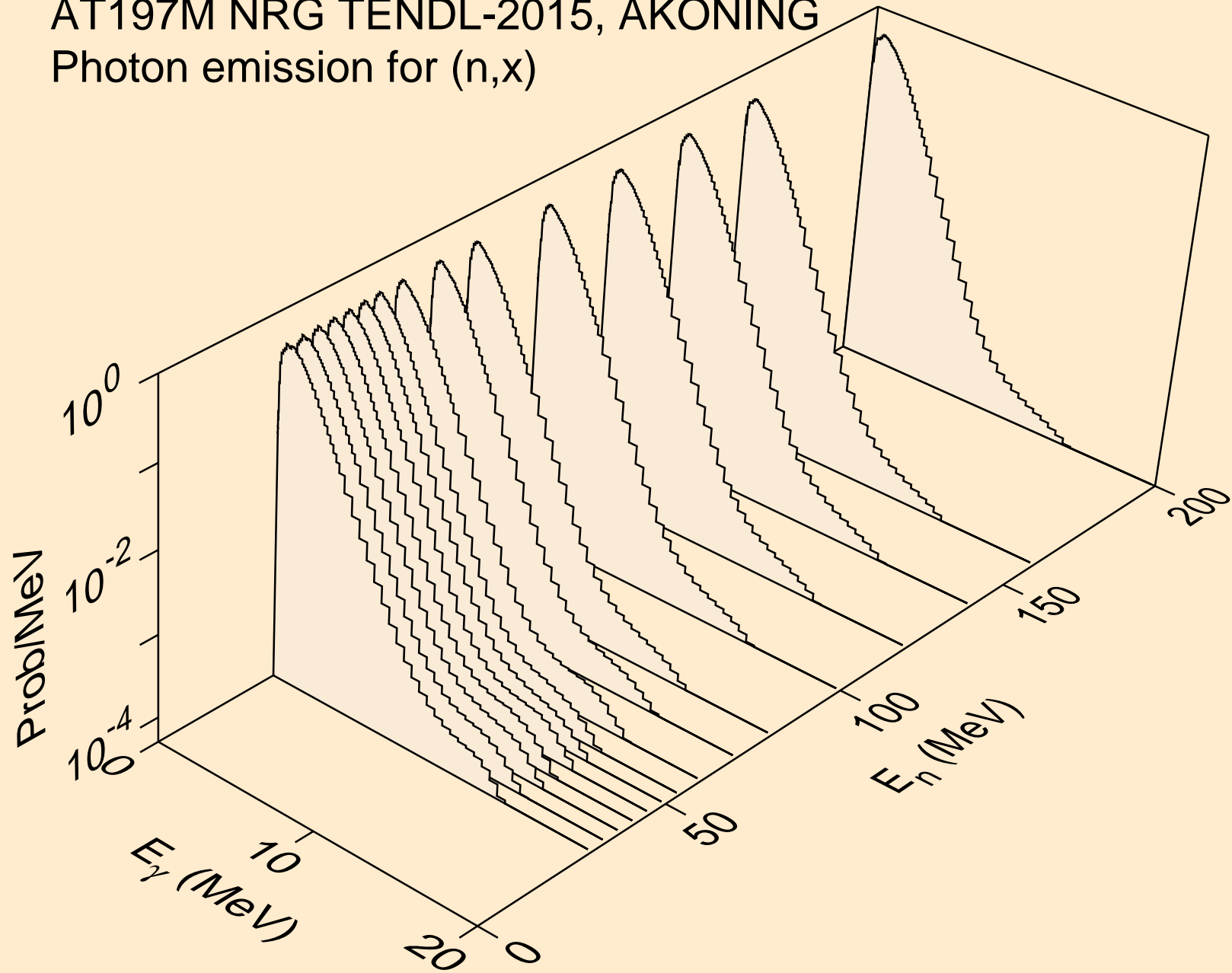
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



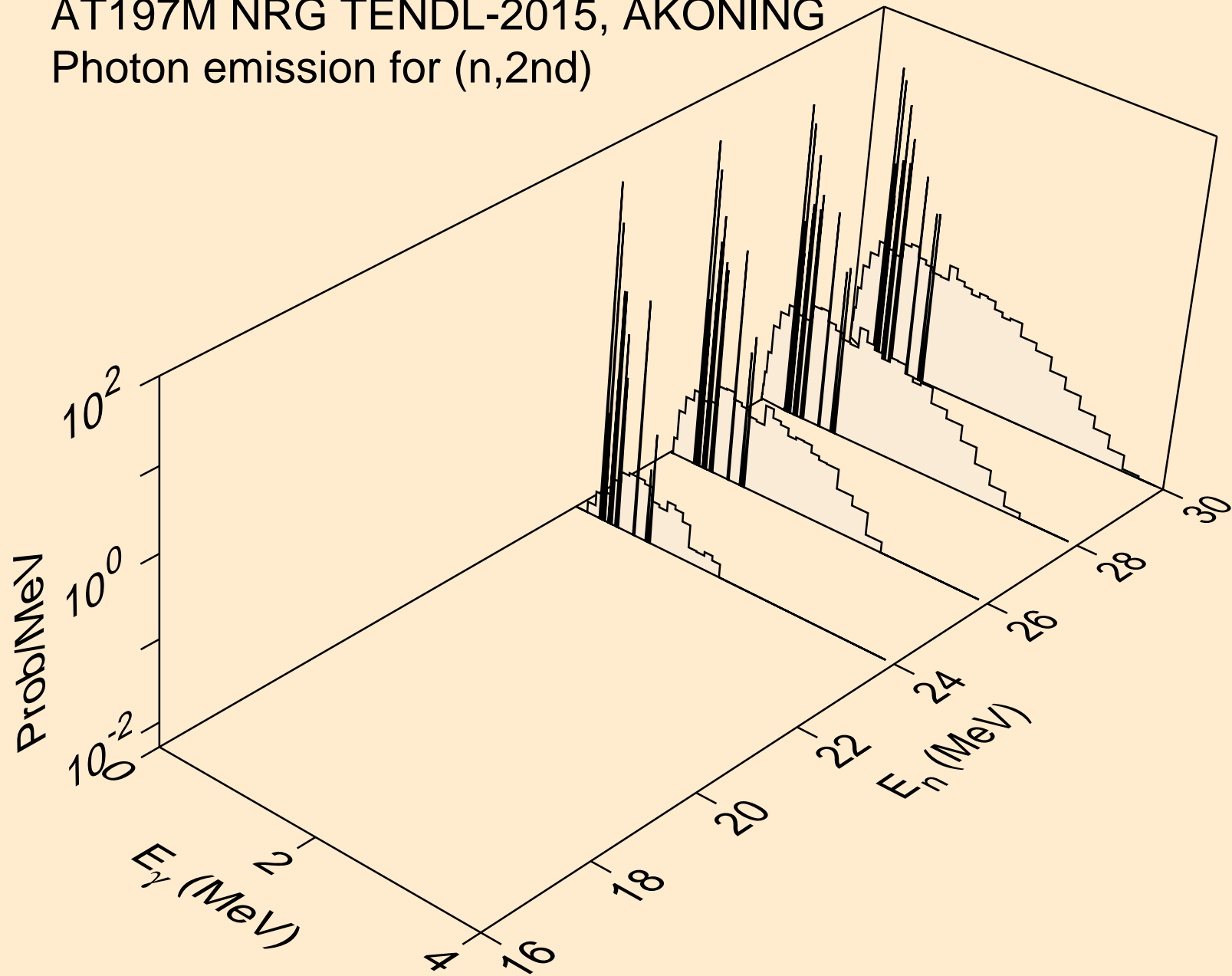
AT197M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



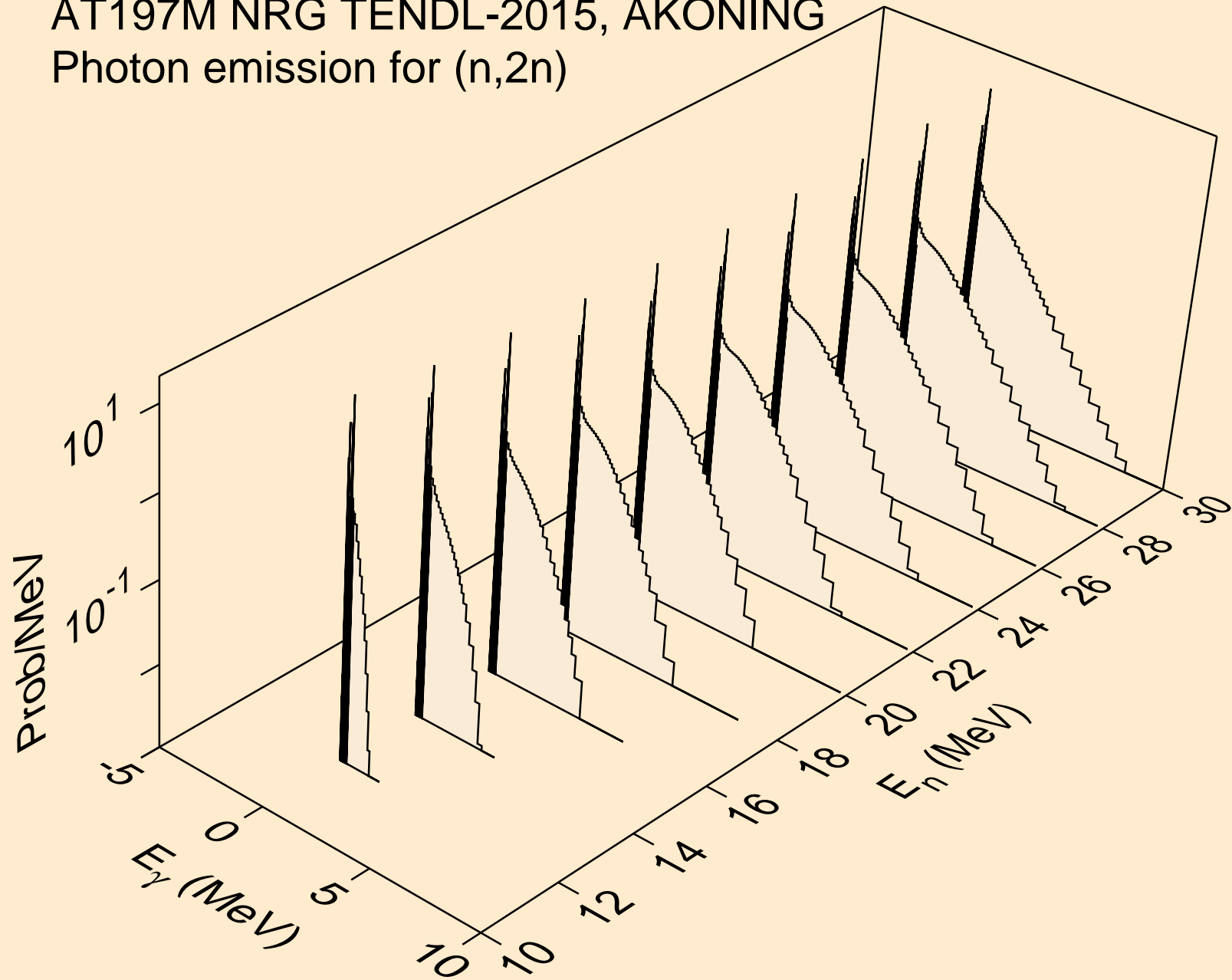
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



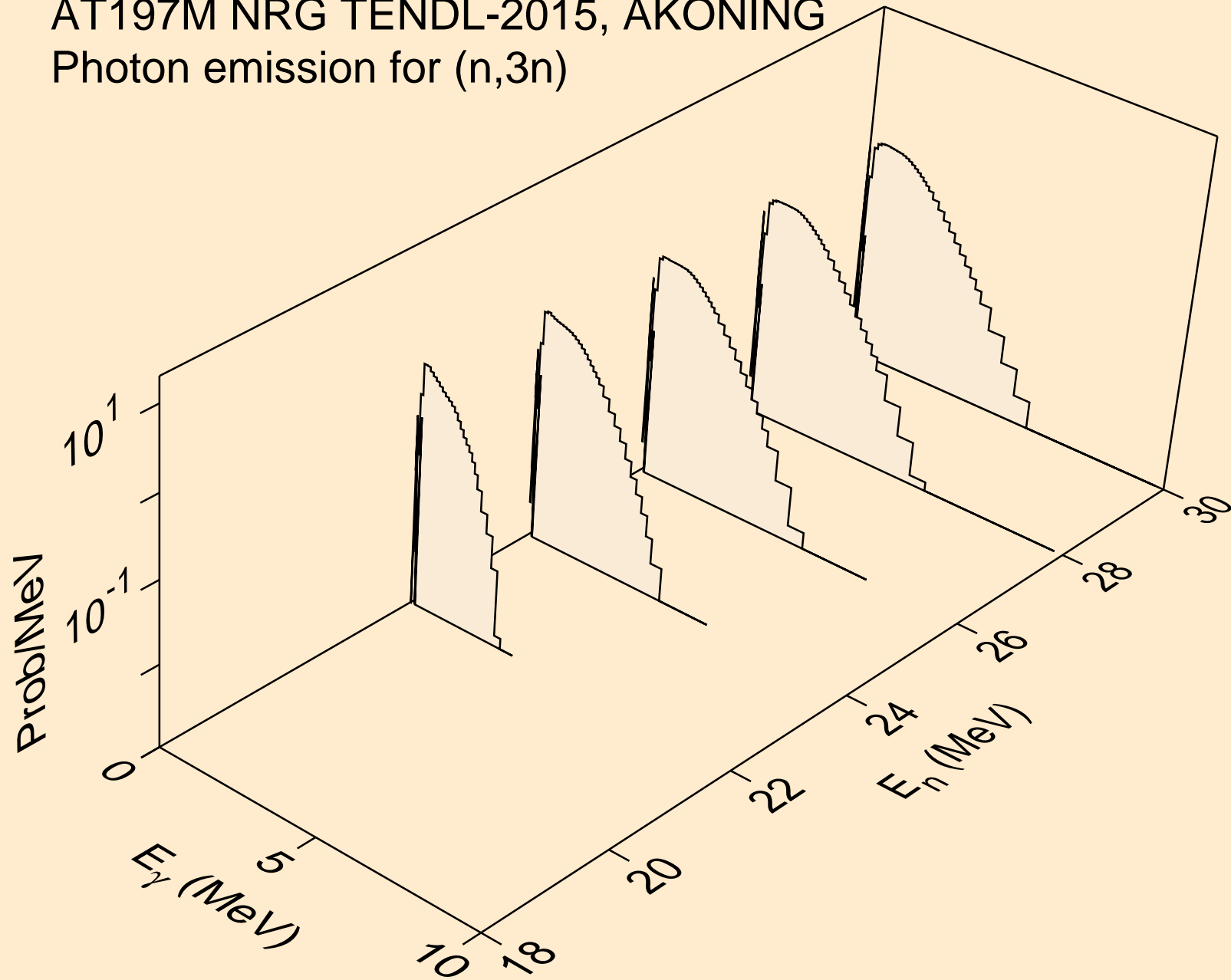
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



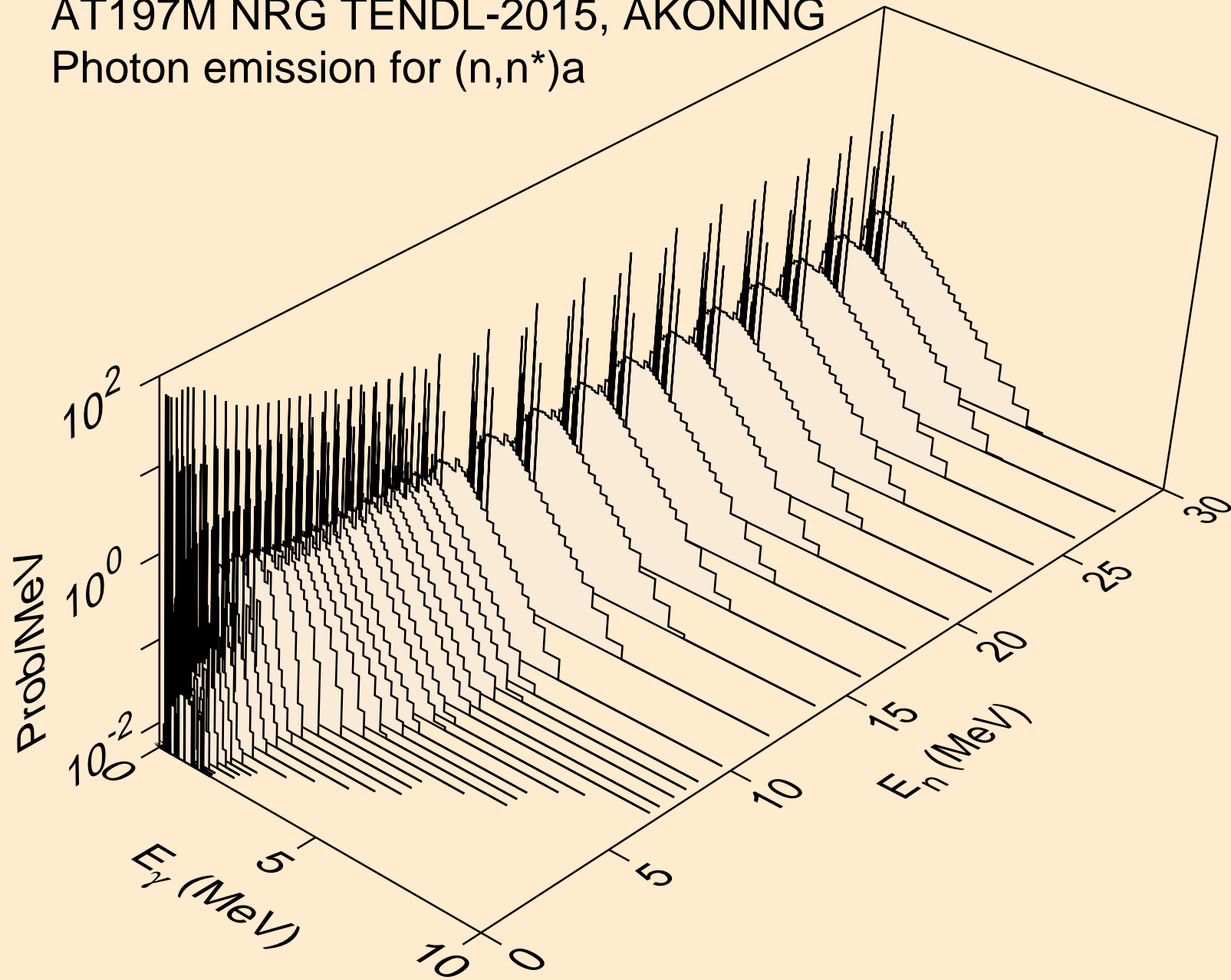
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

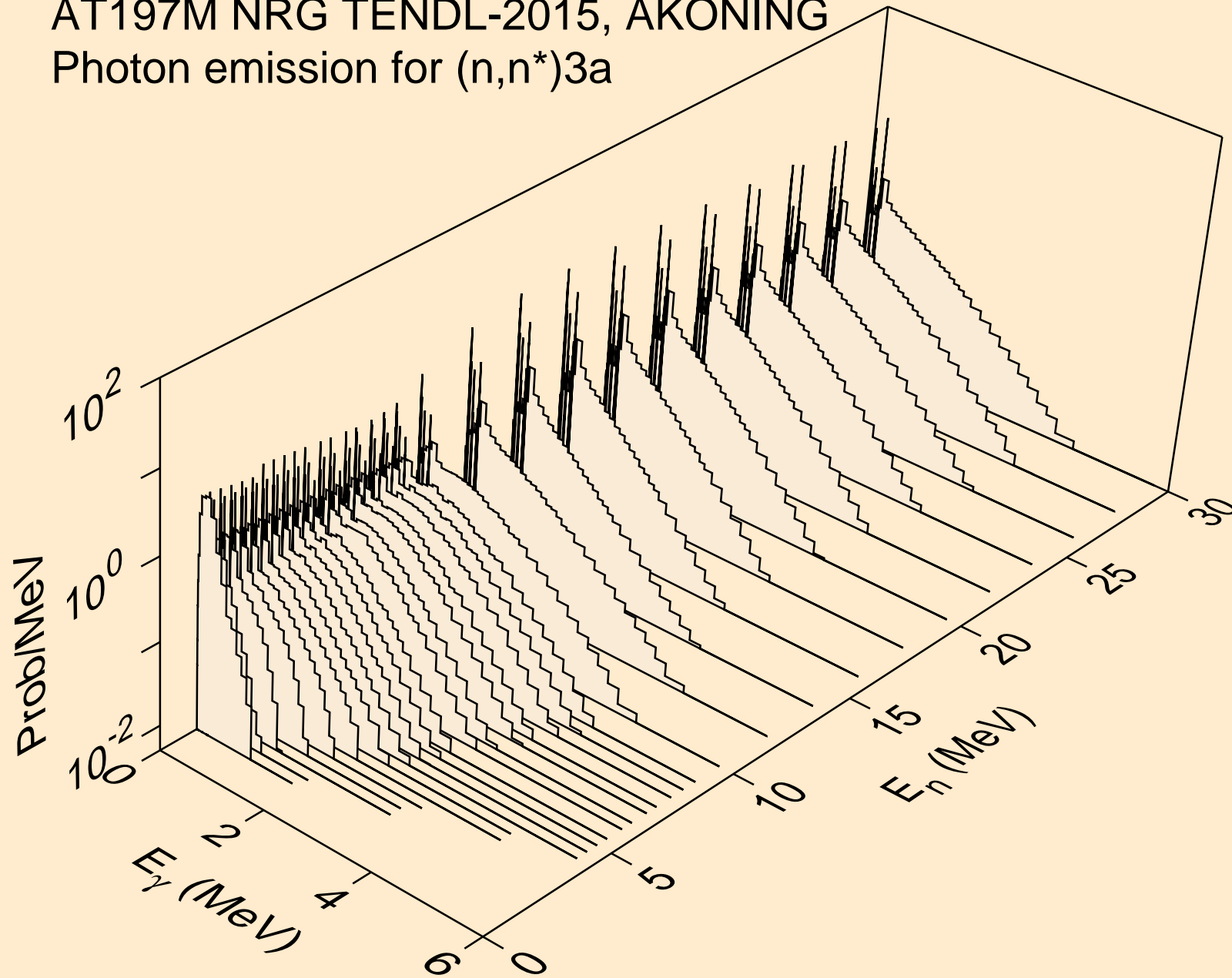


AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

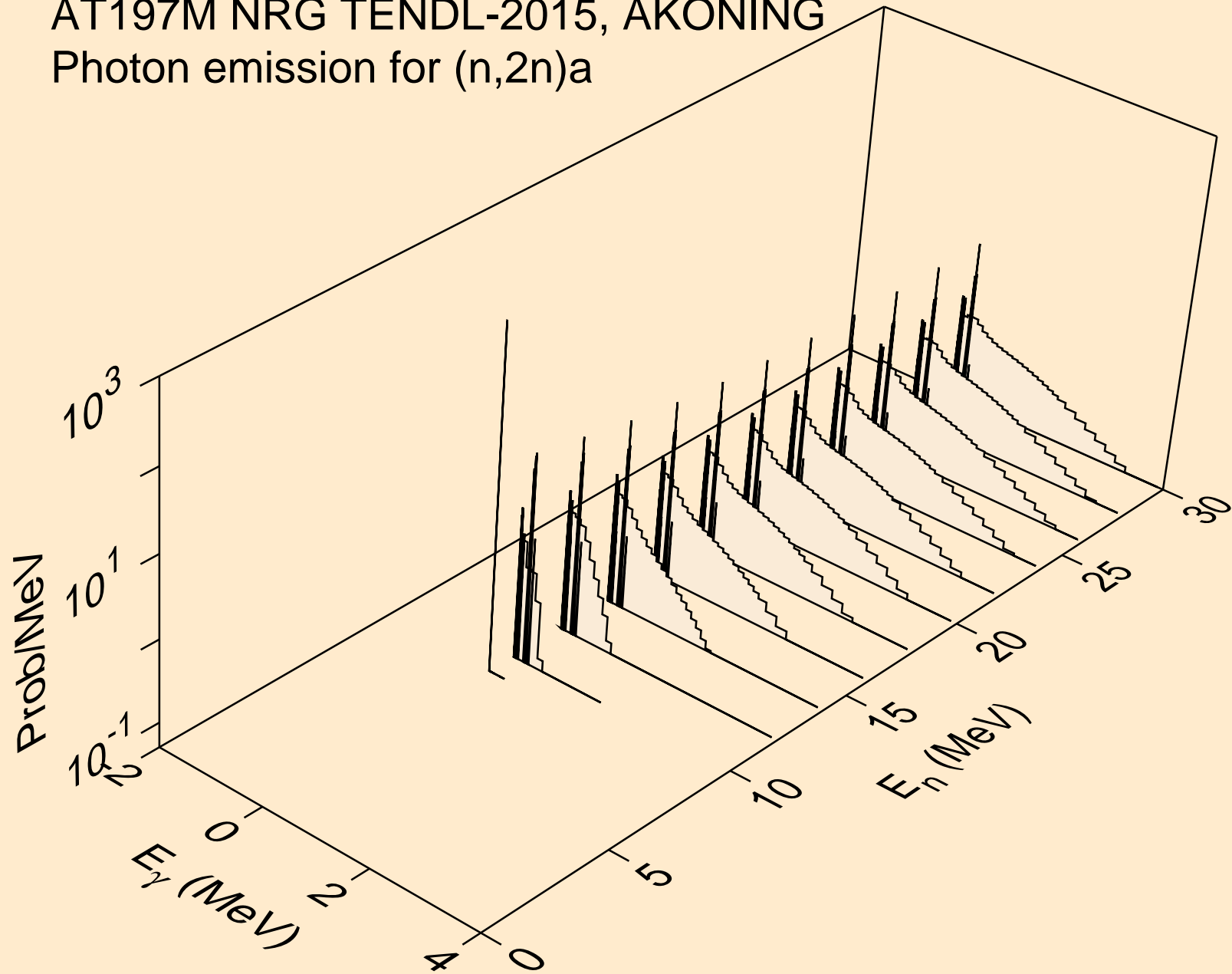




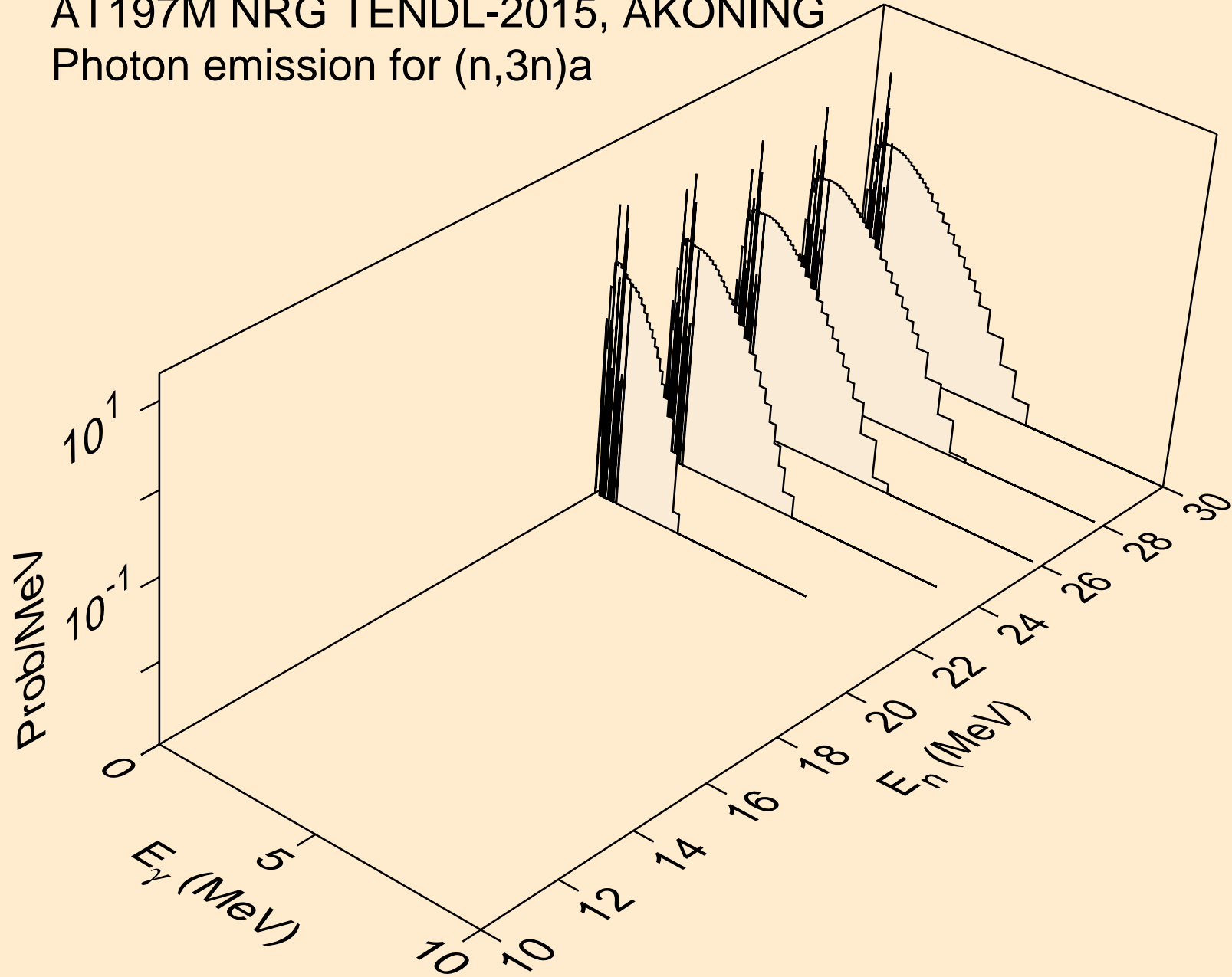
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



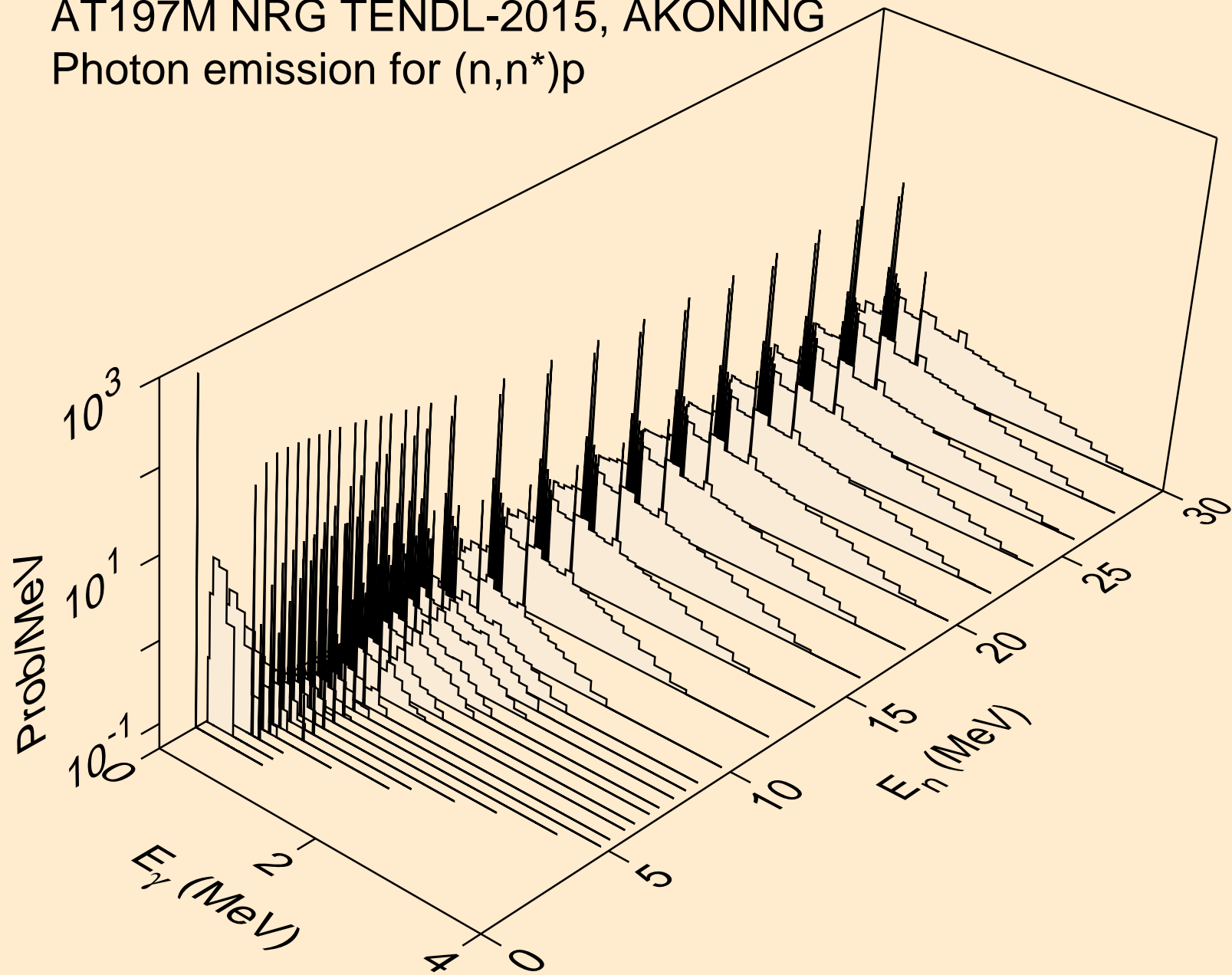
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



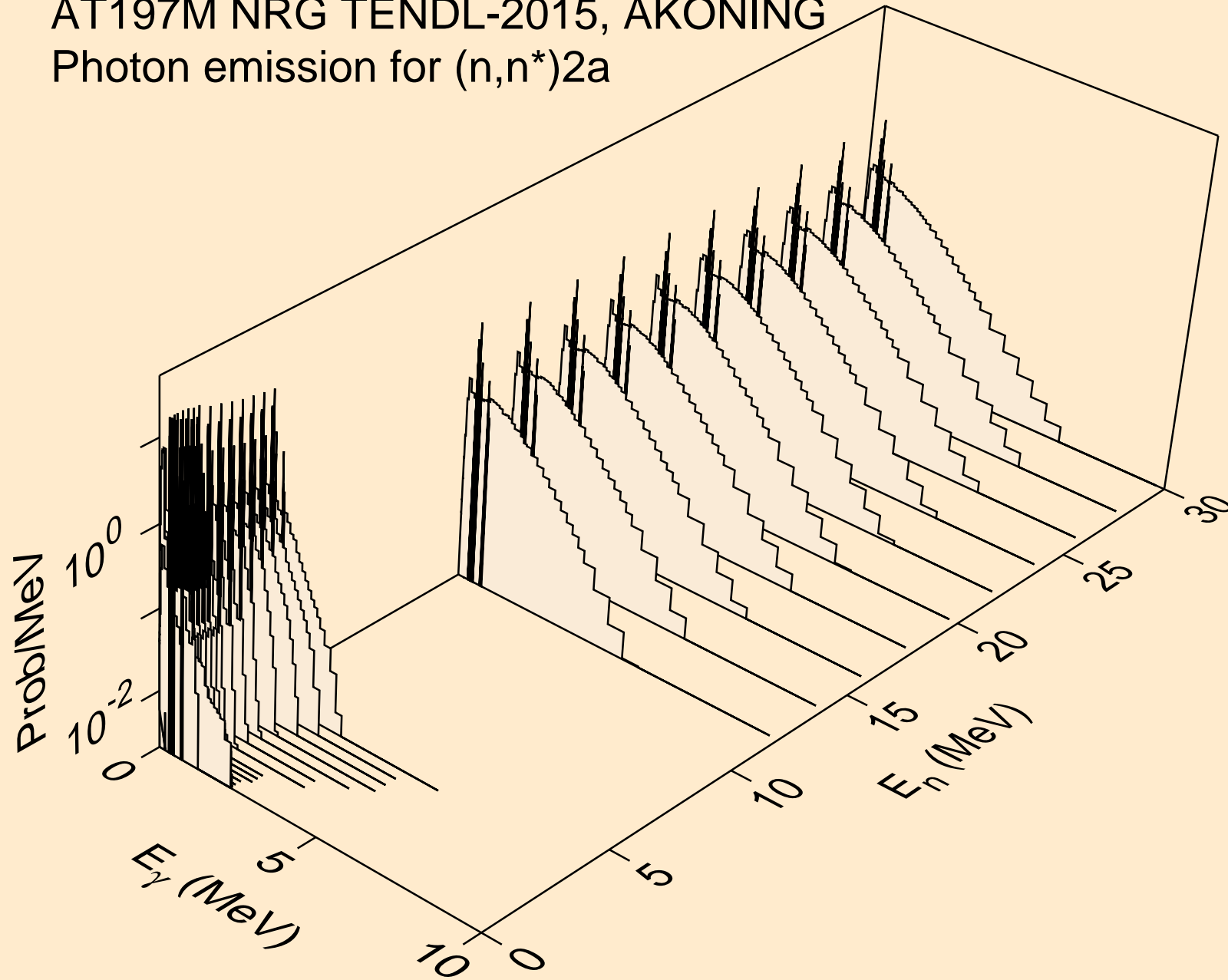
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



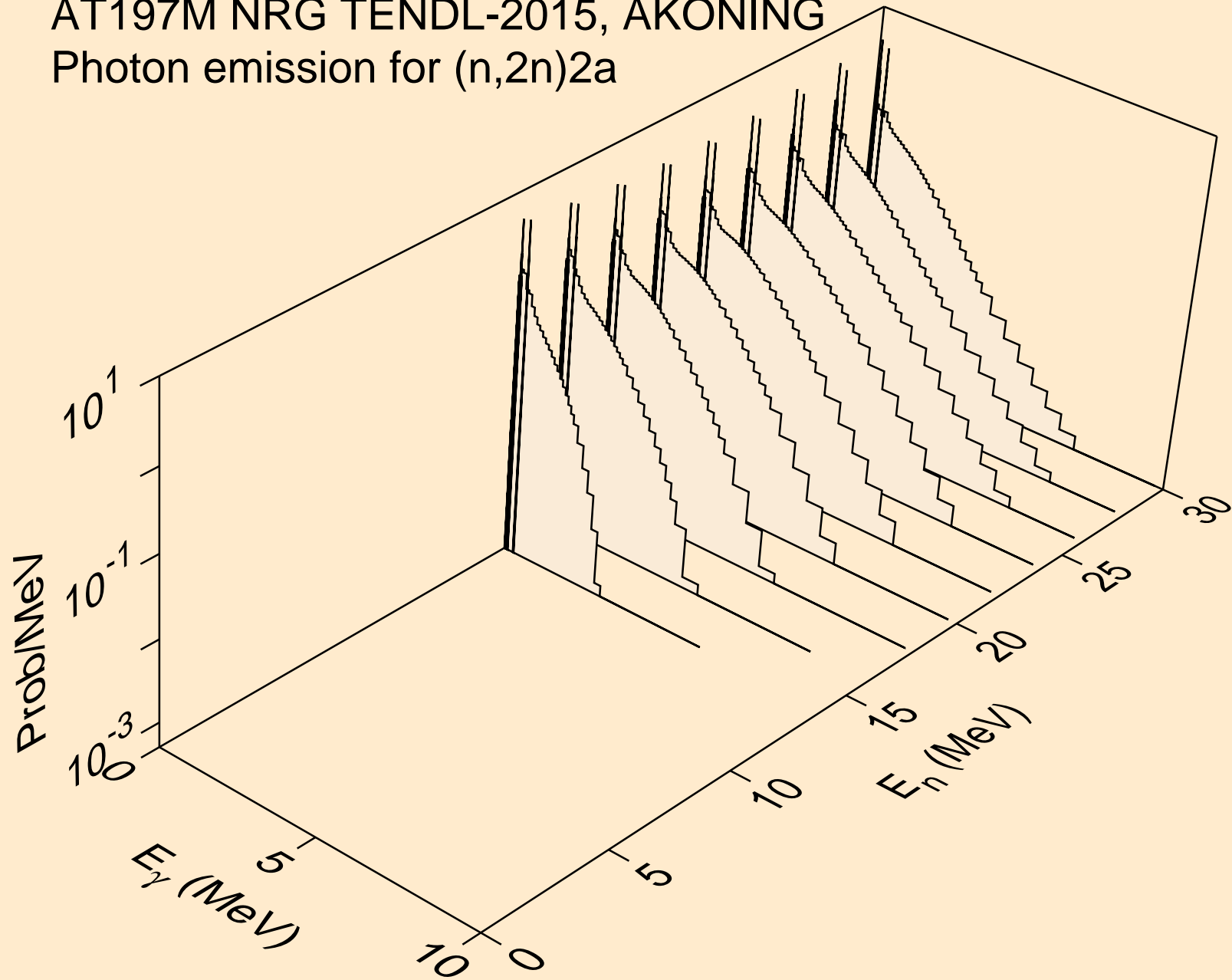
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



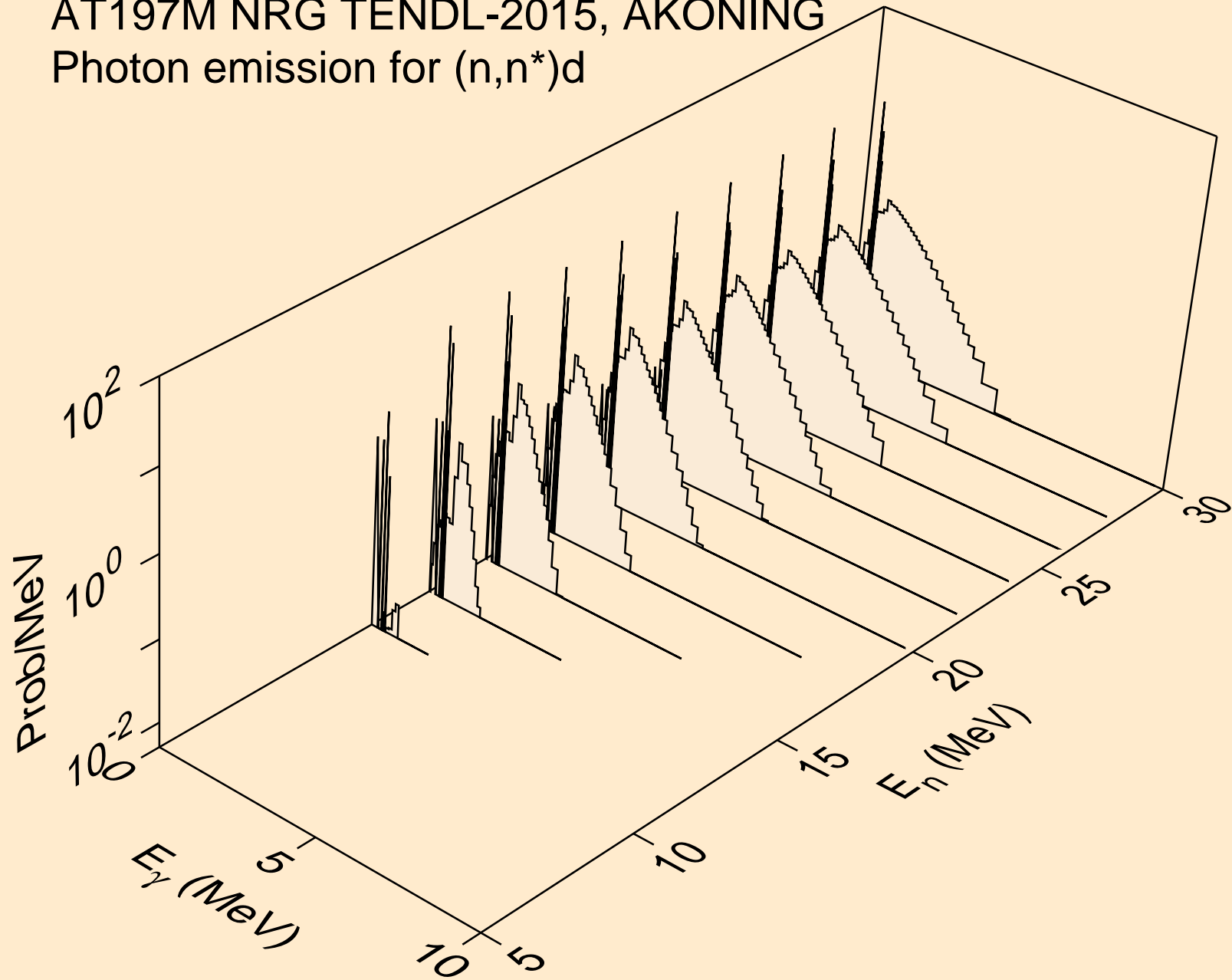
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



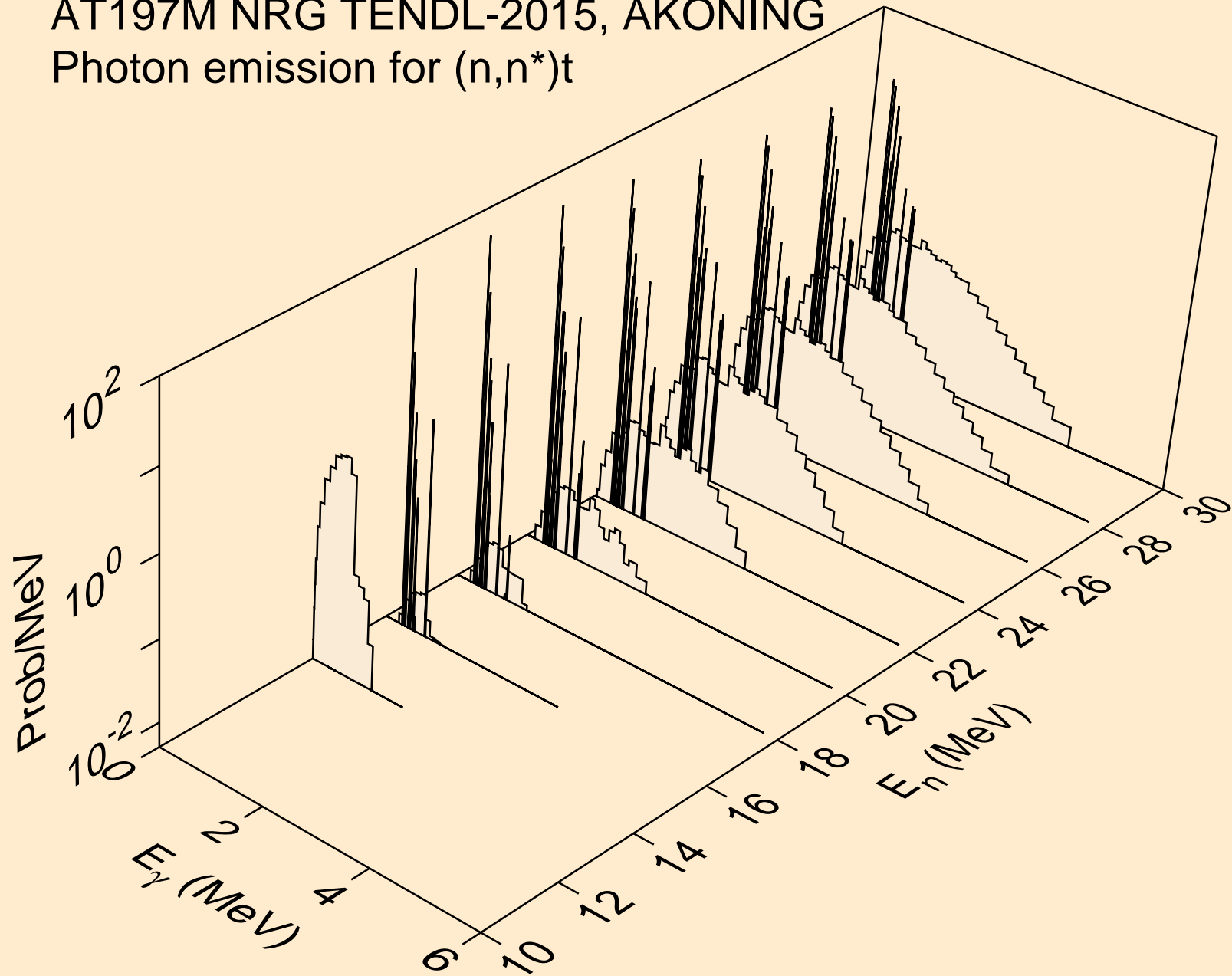
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

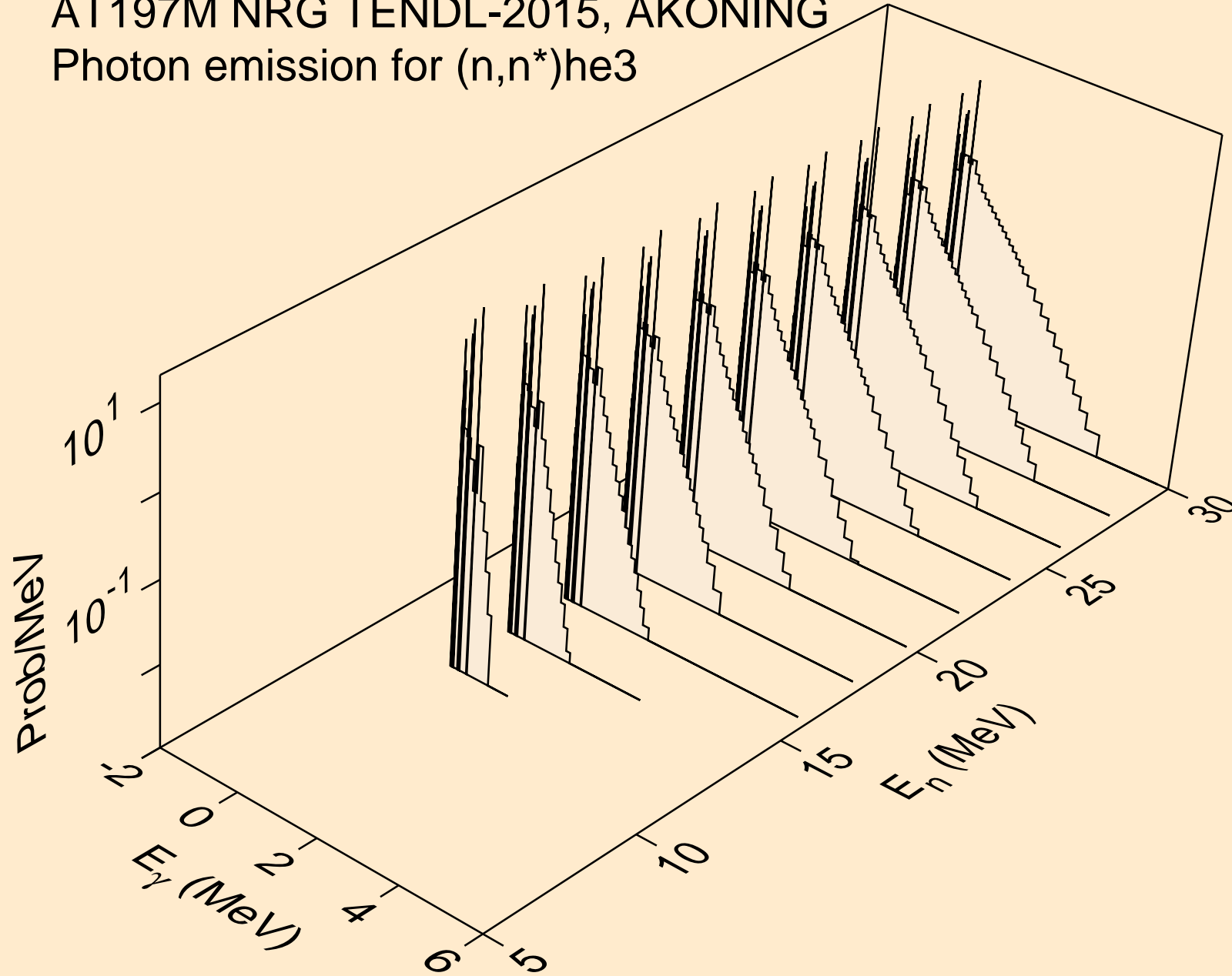


AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

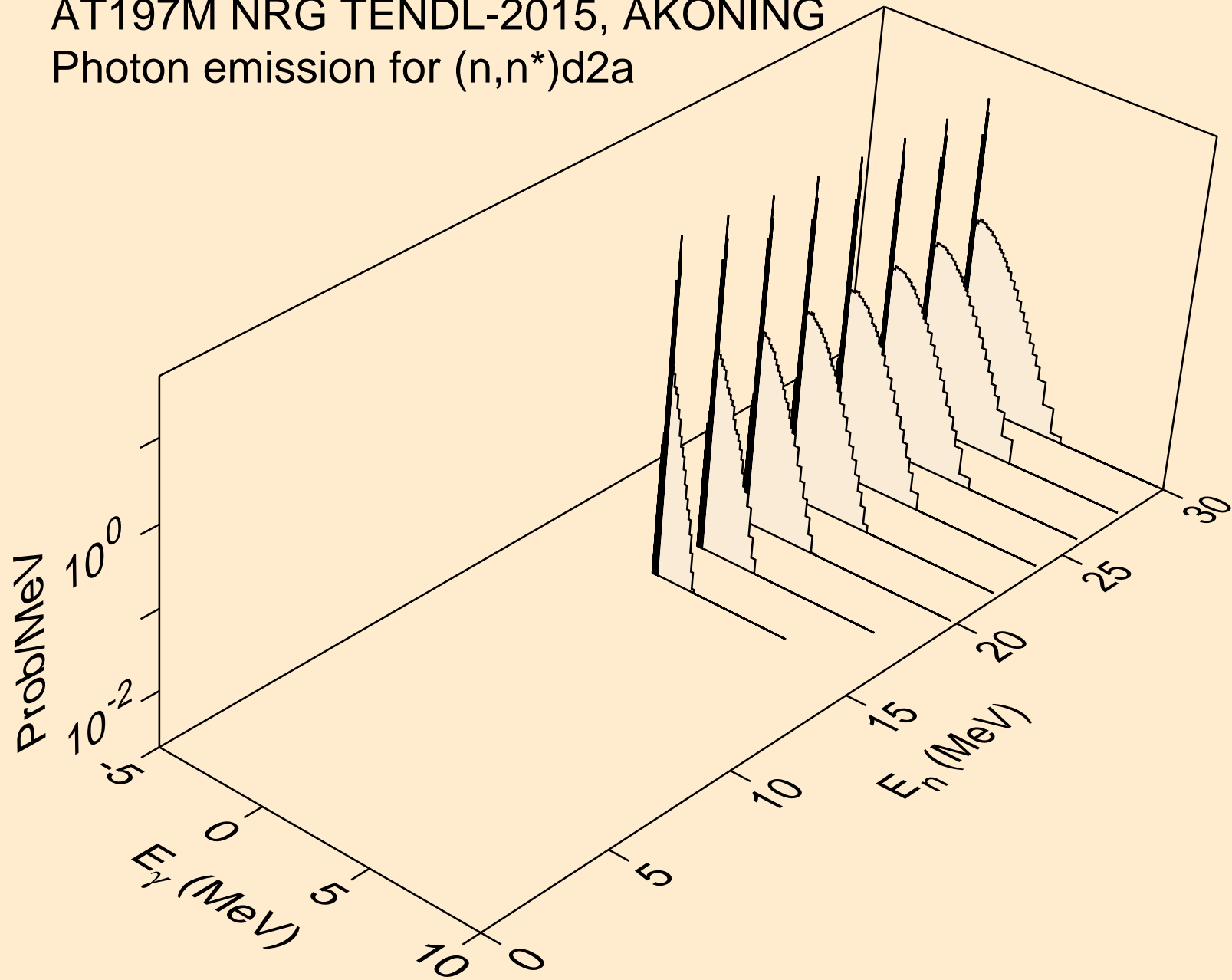




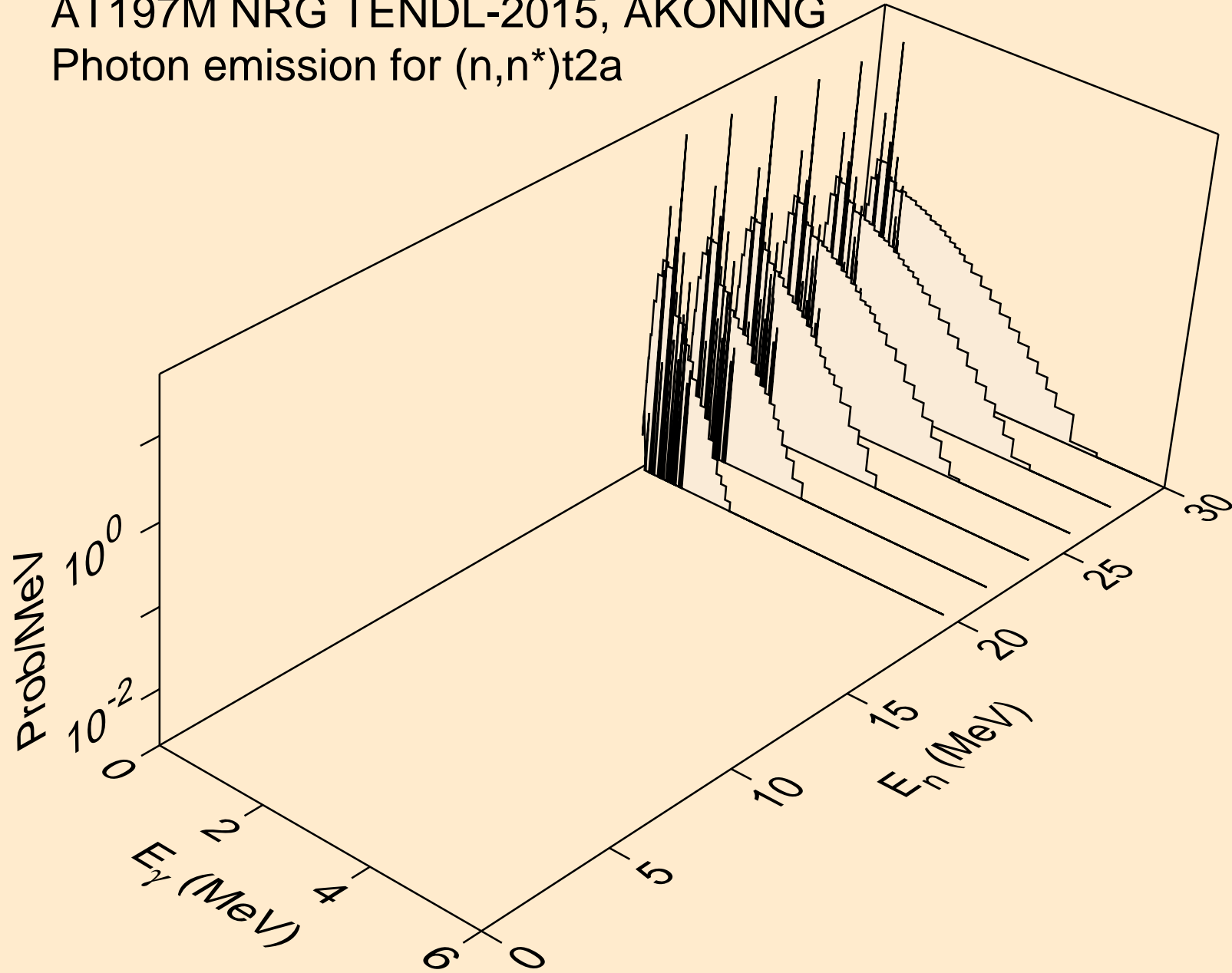
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



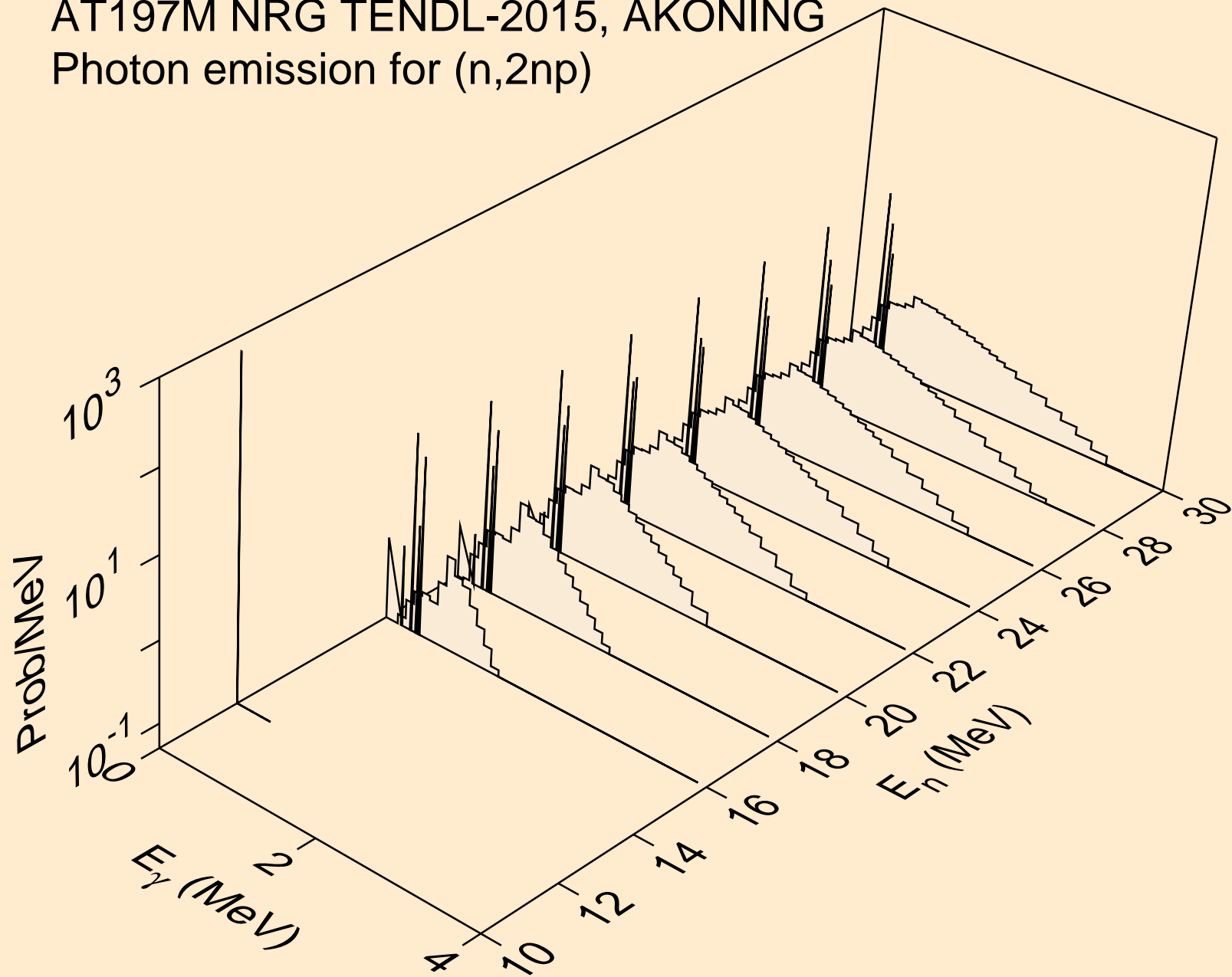
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



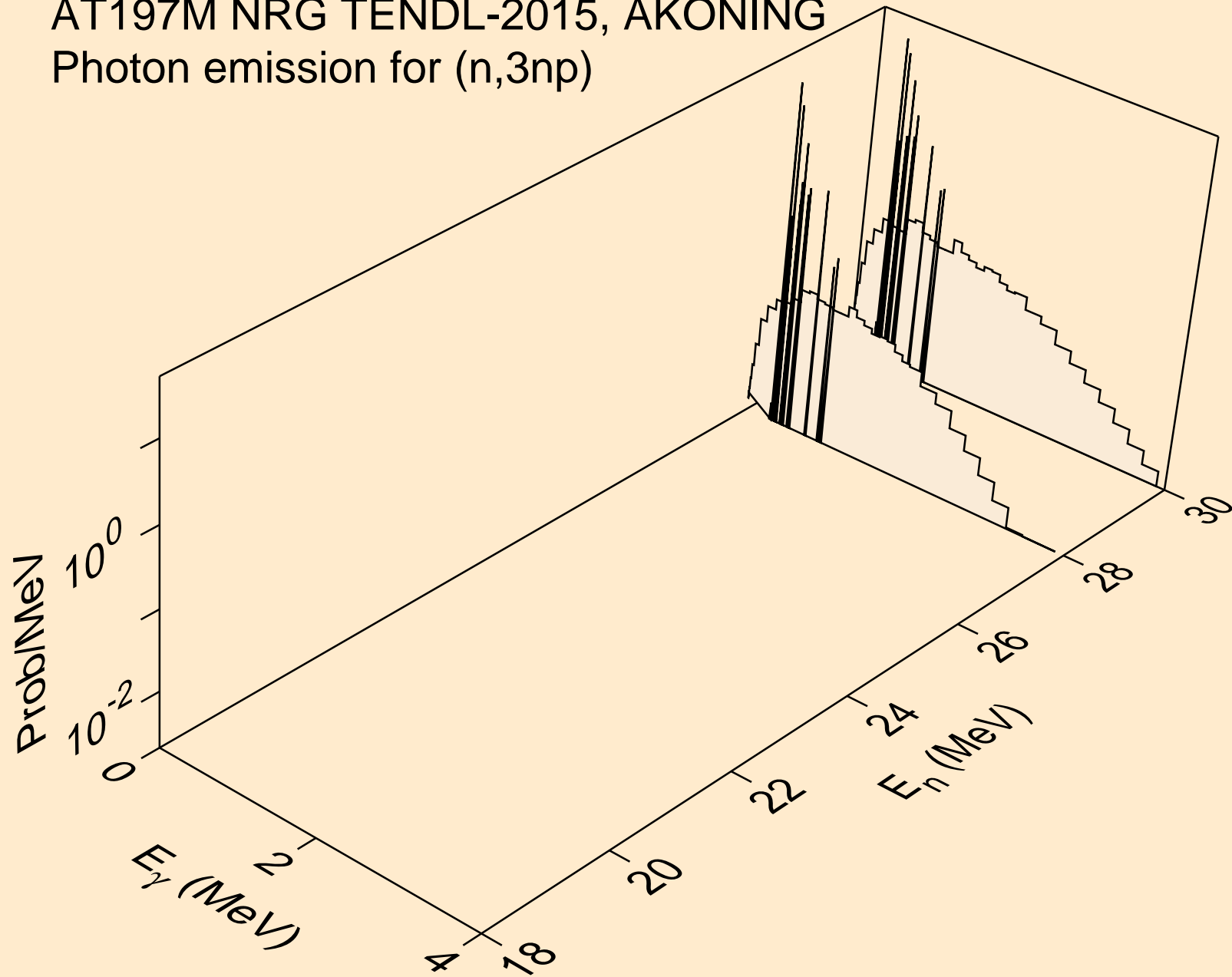
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



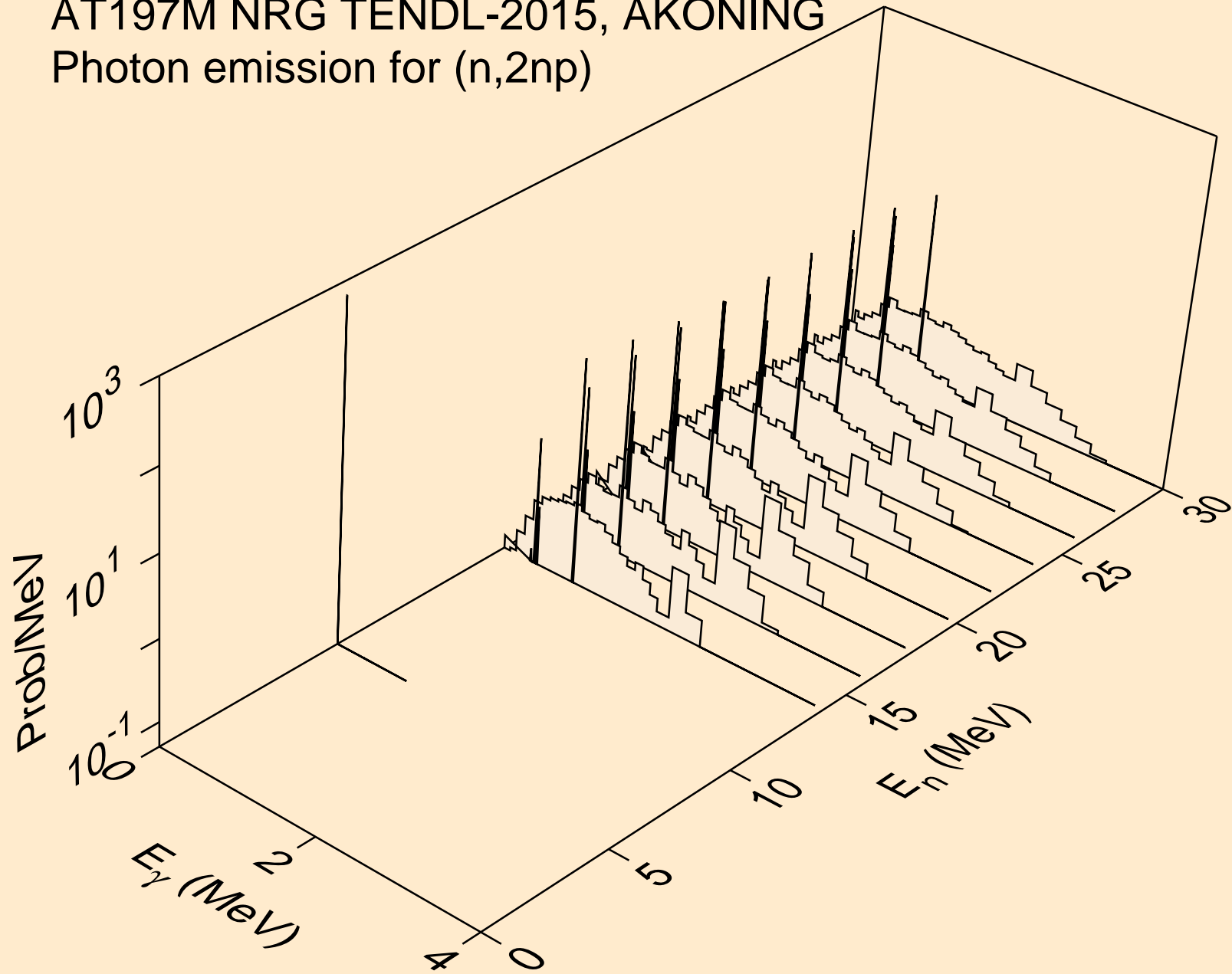
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



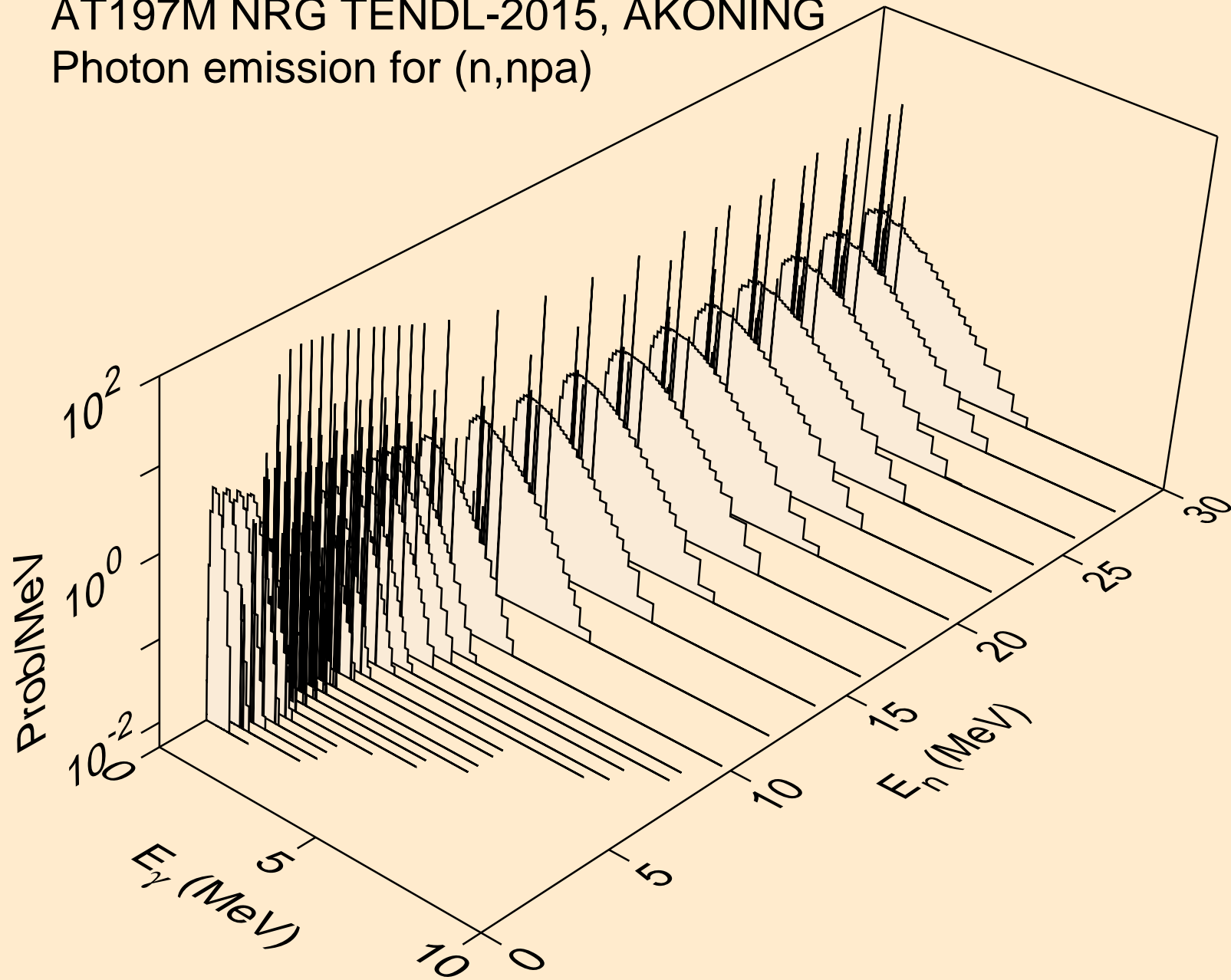
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



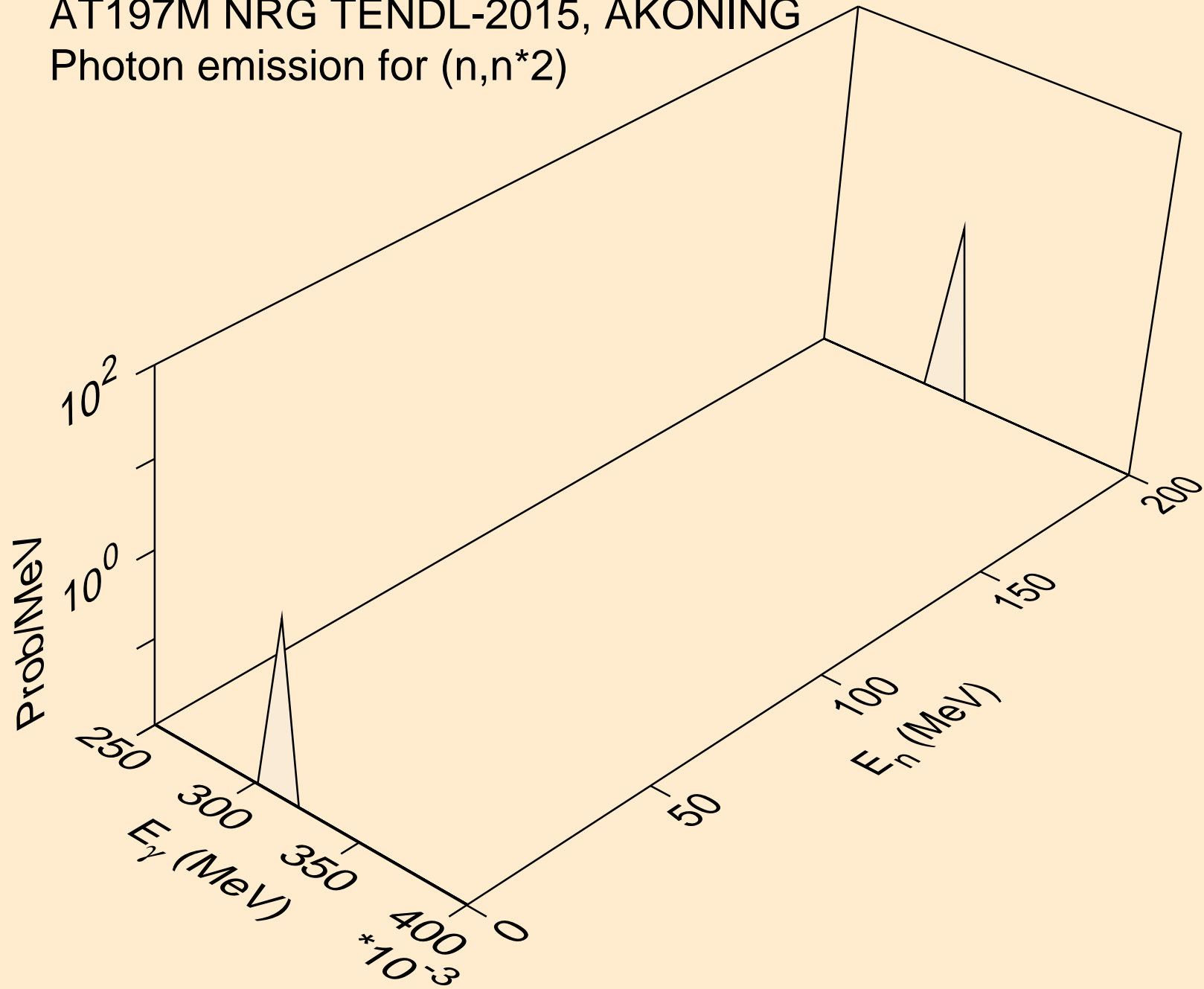
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

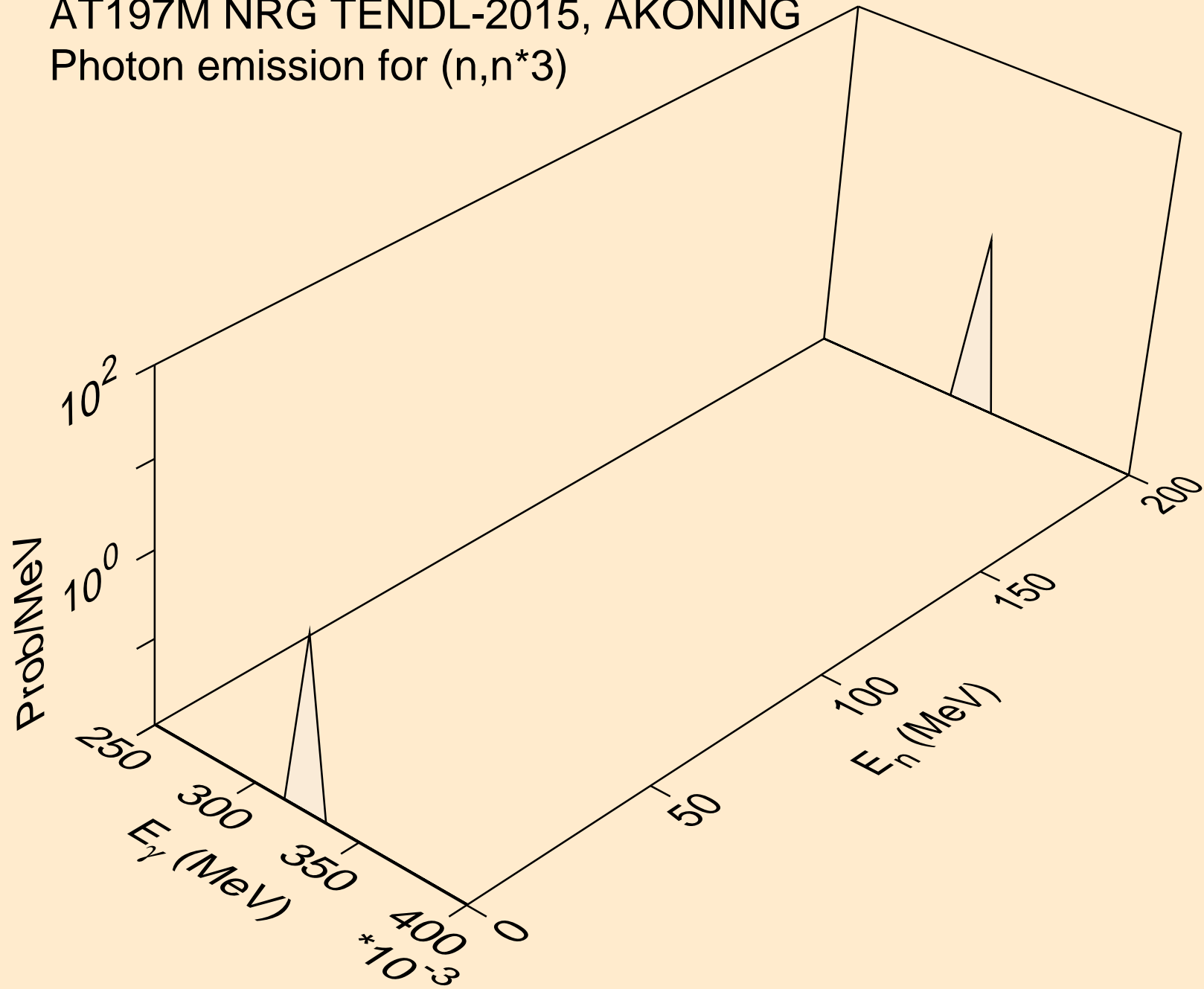


AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)

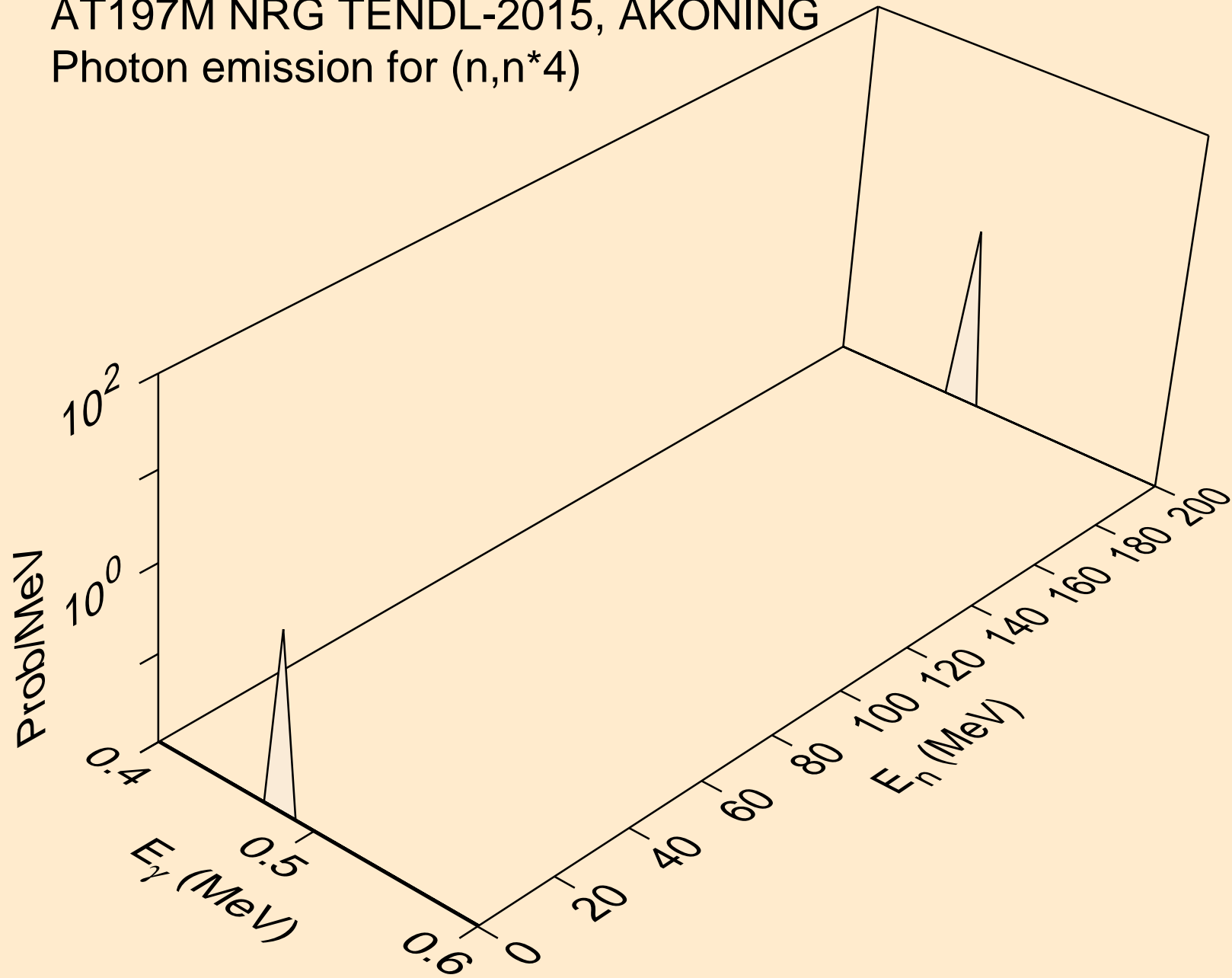




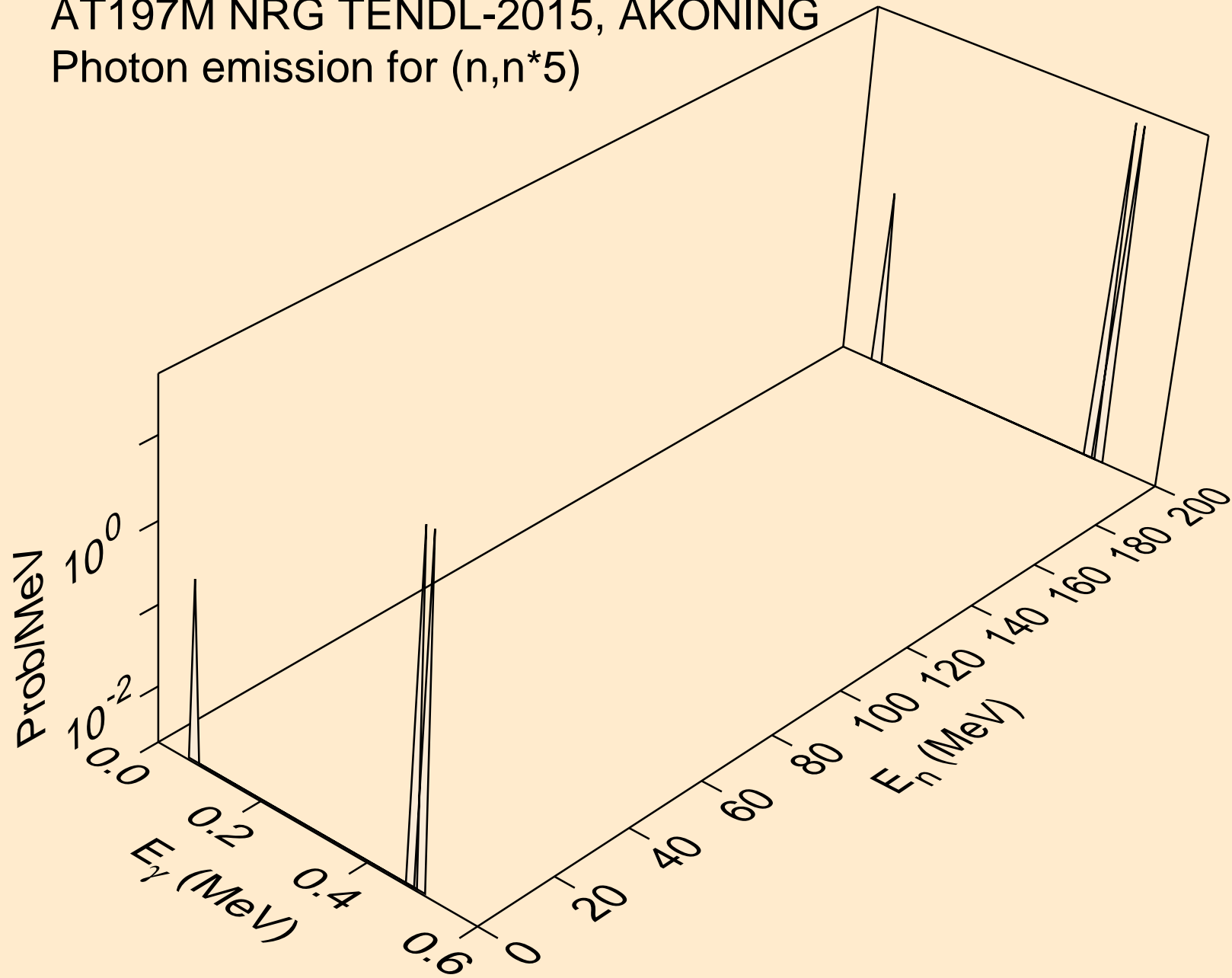
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)



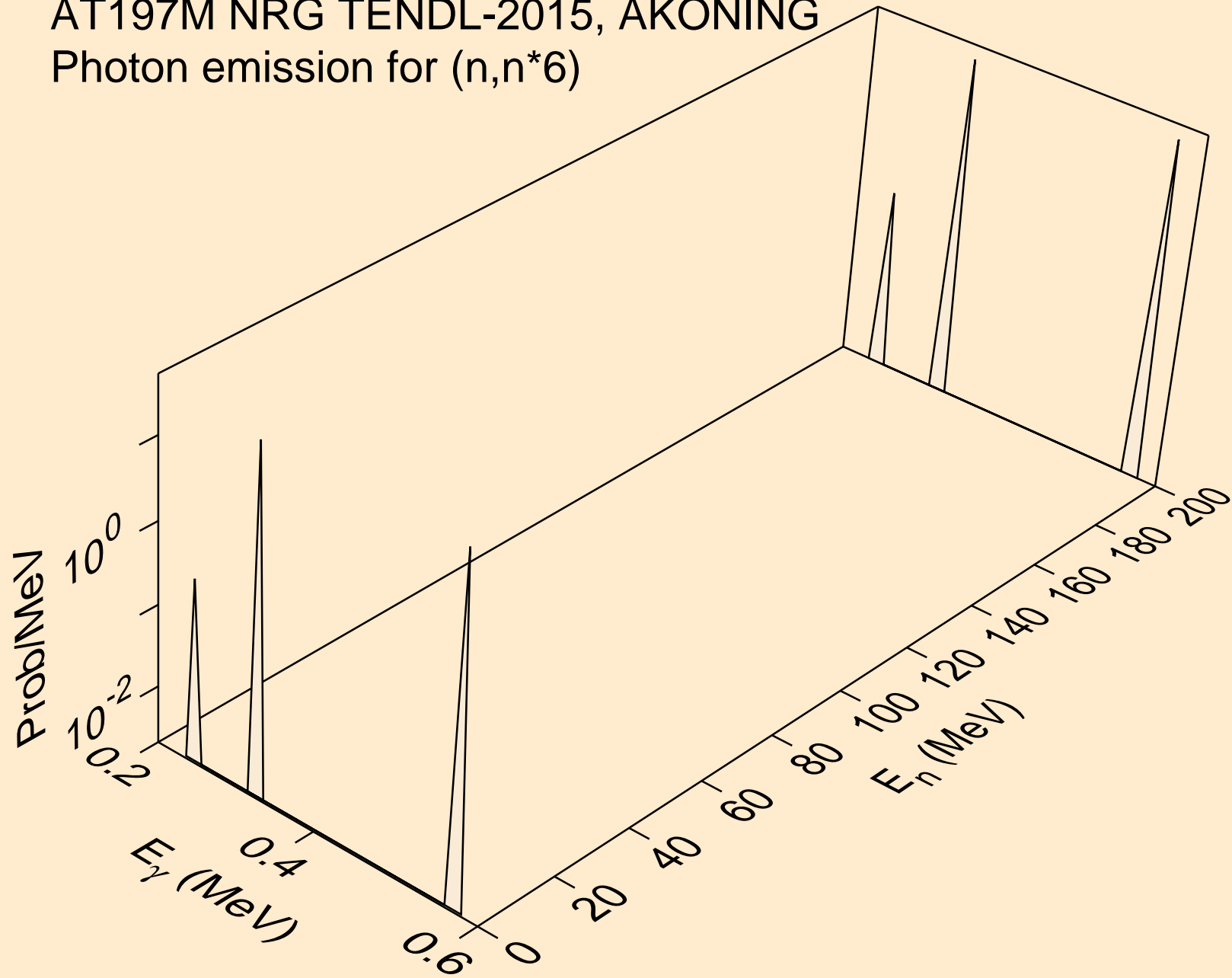
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Photon emission for (n,n\*4)



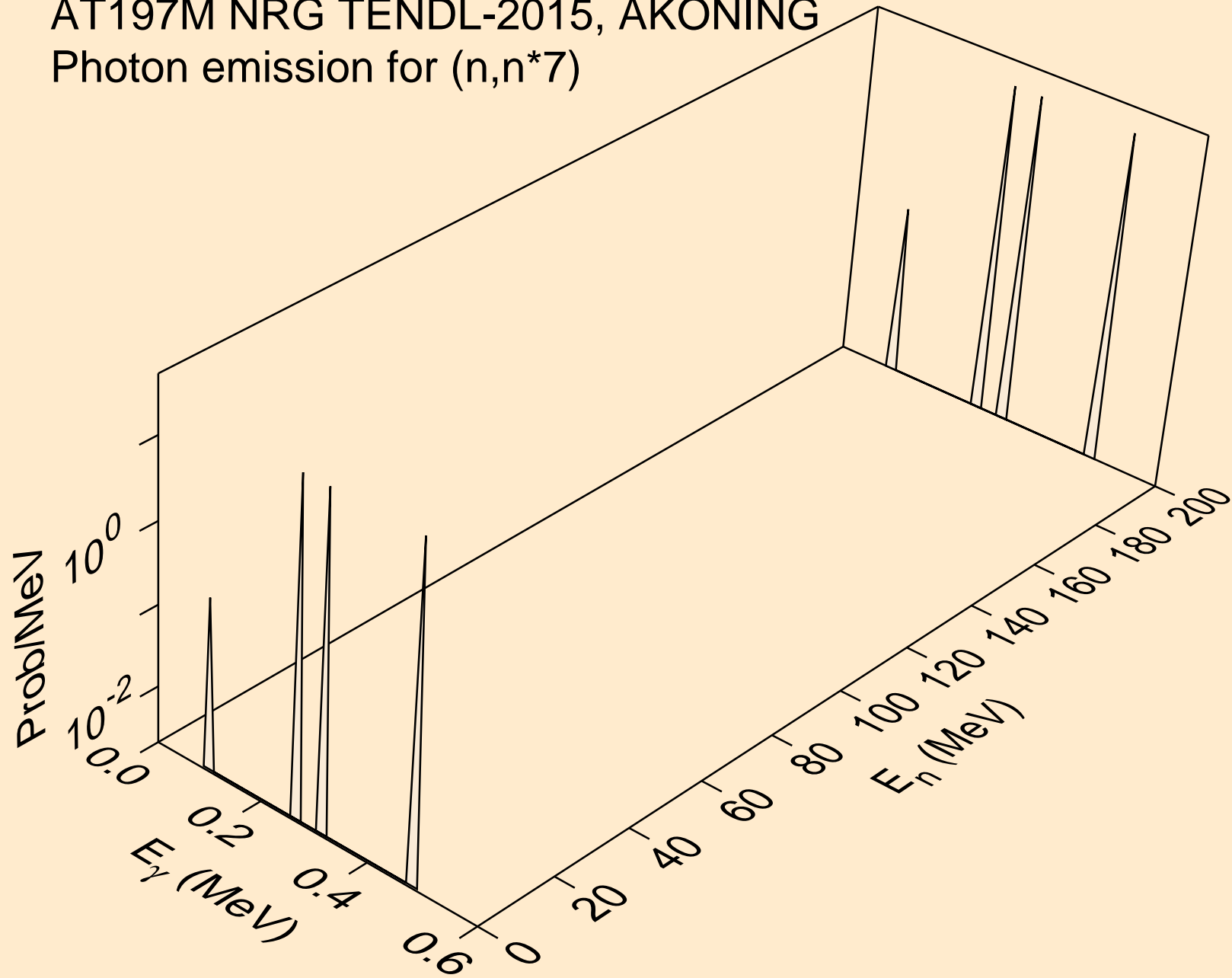
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Photon emission for (n,n\*5)



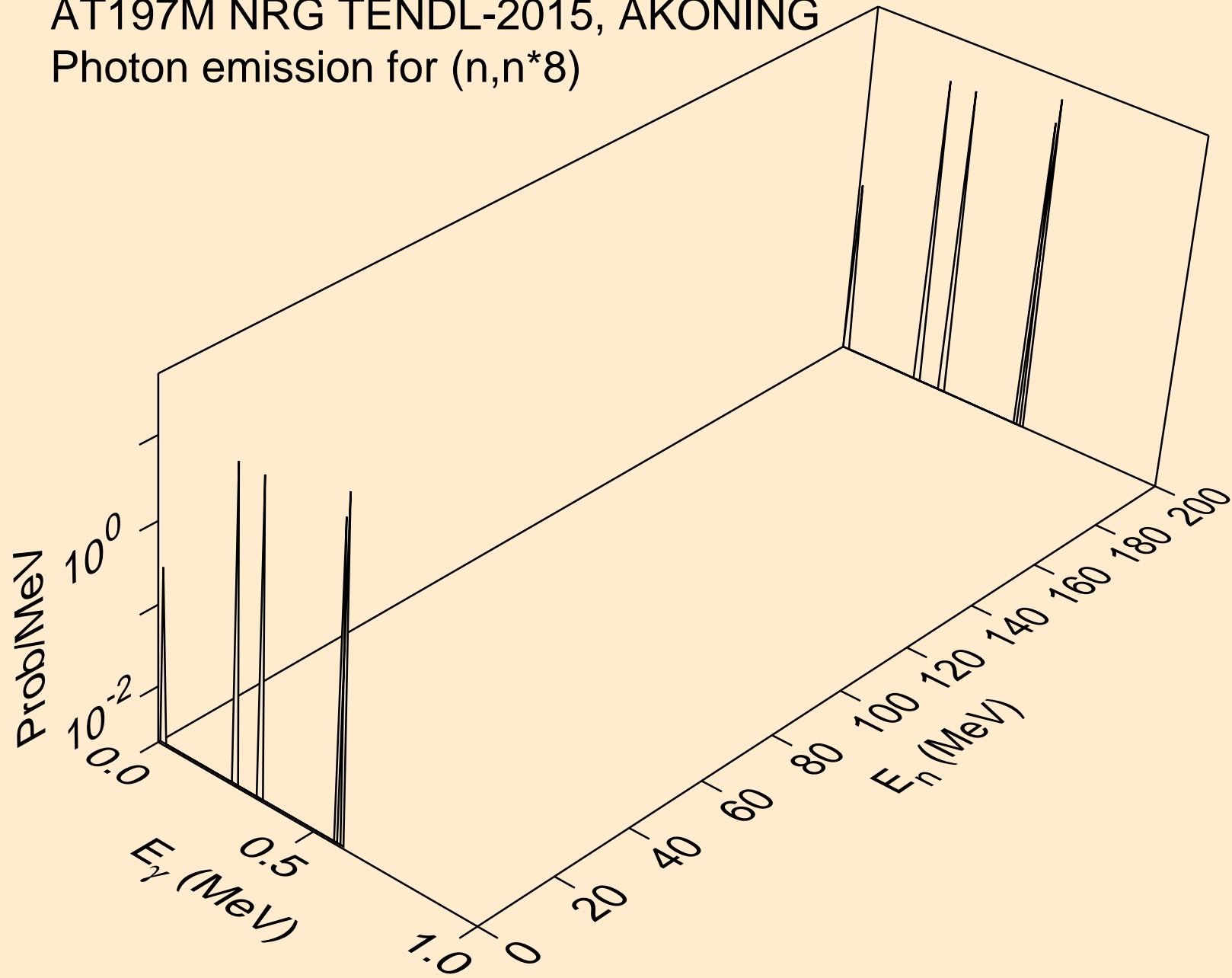
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)



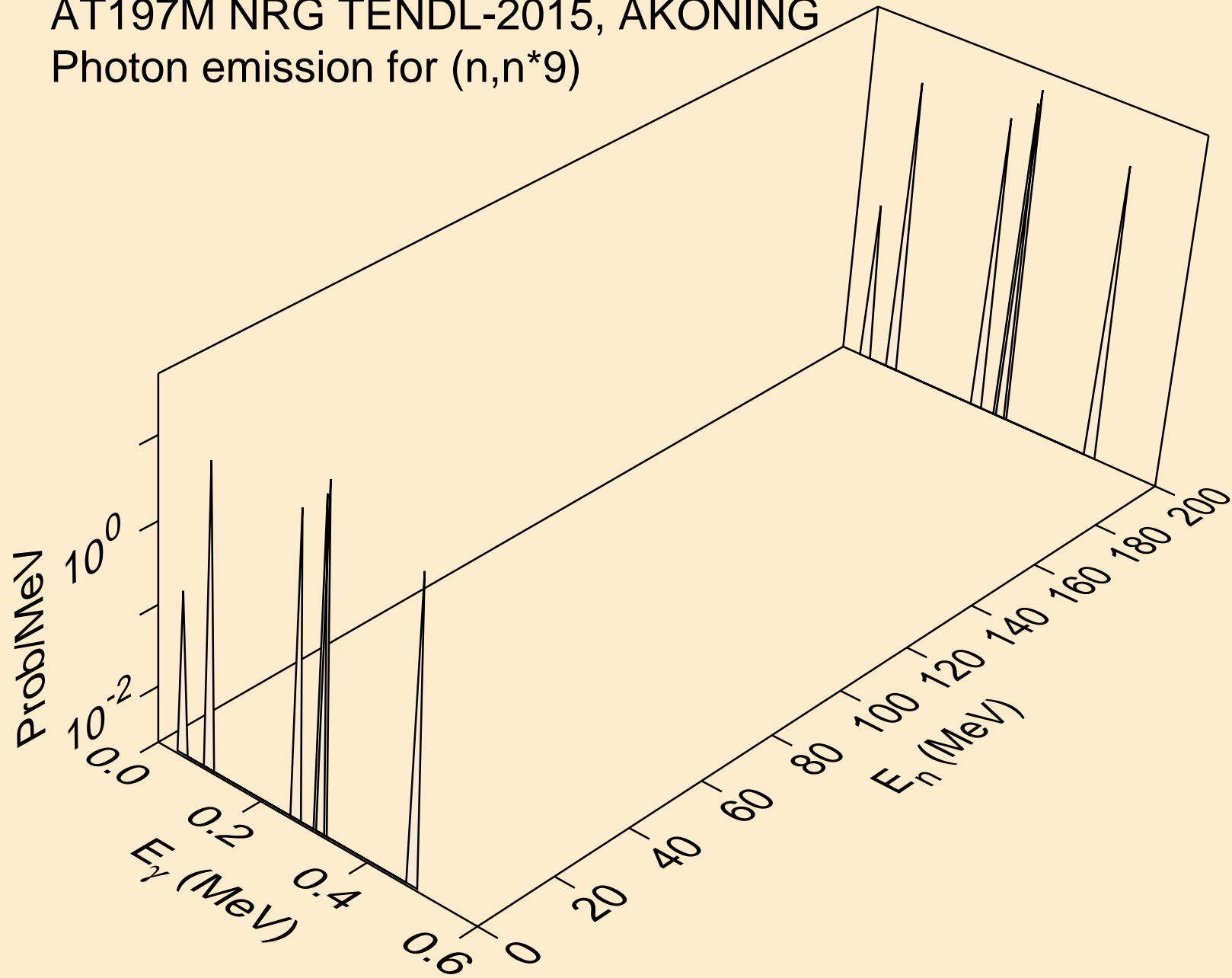
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Photon emission for (n,n\*7)



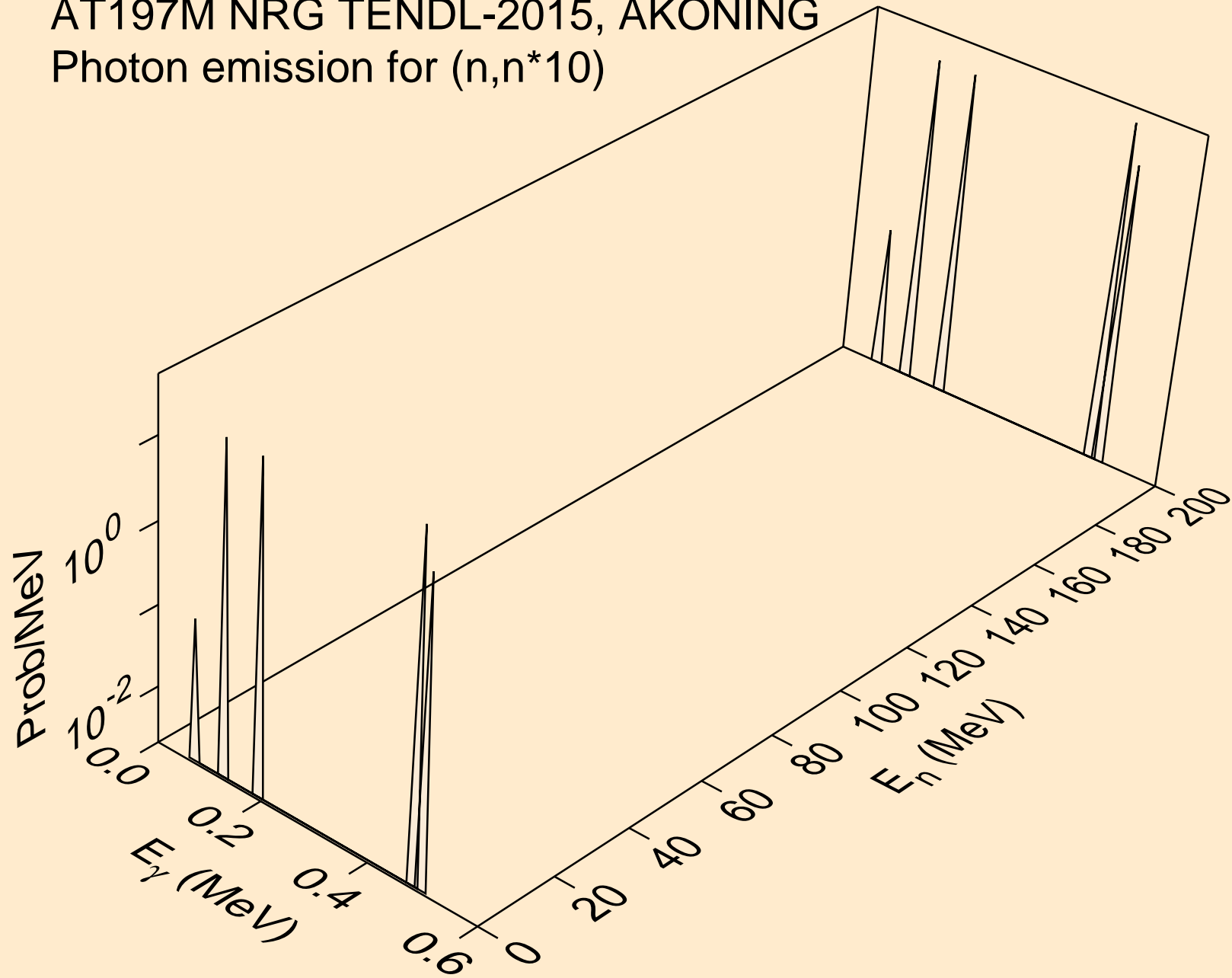
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)



AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)

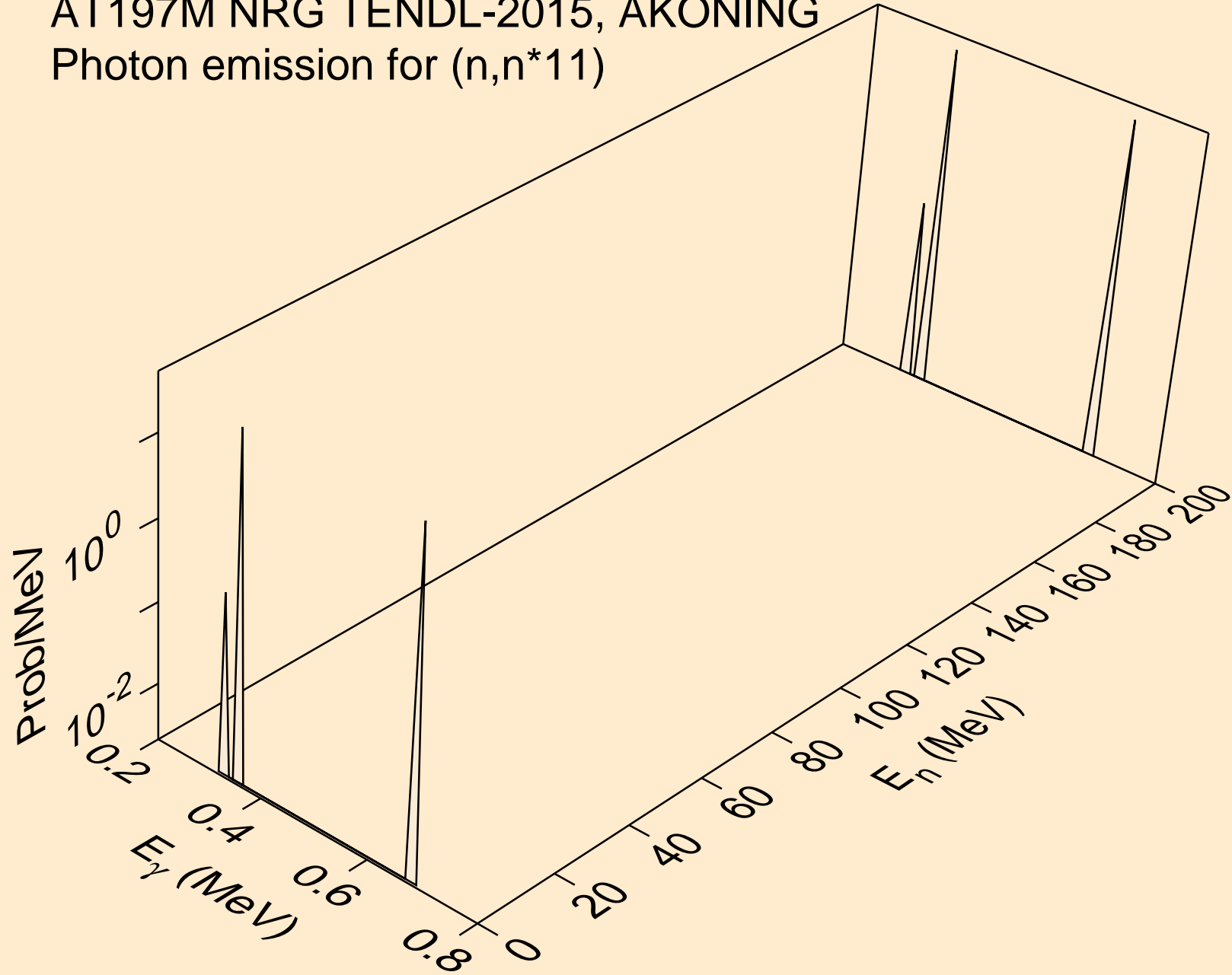


AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)

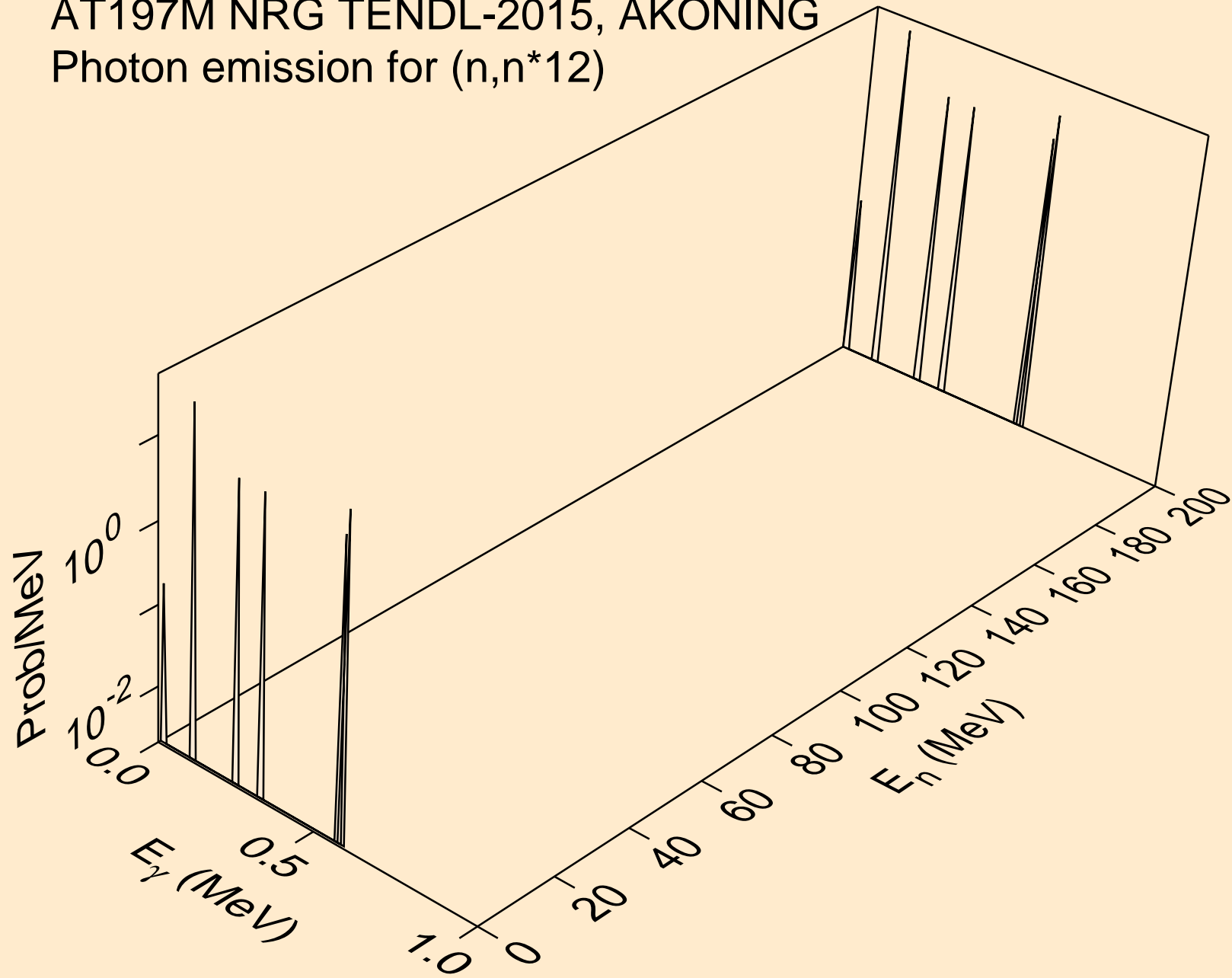




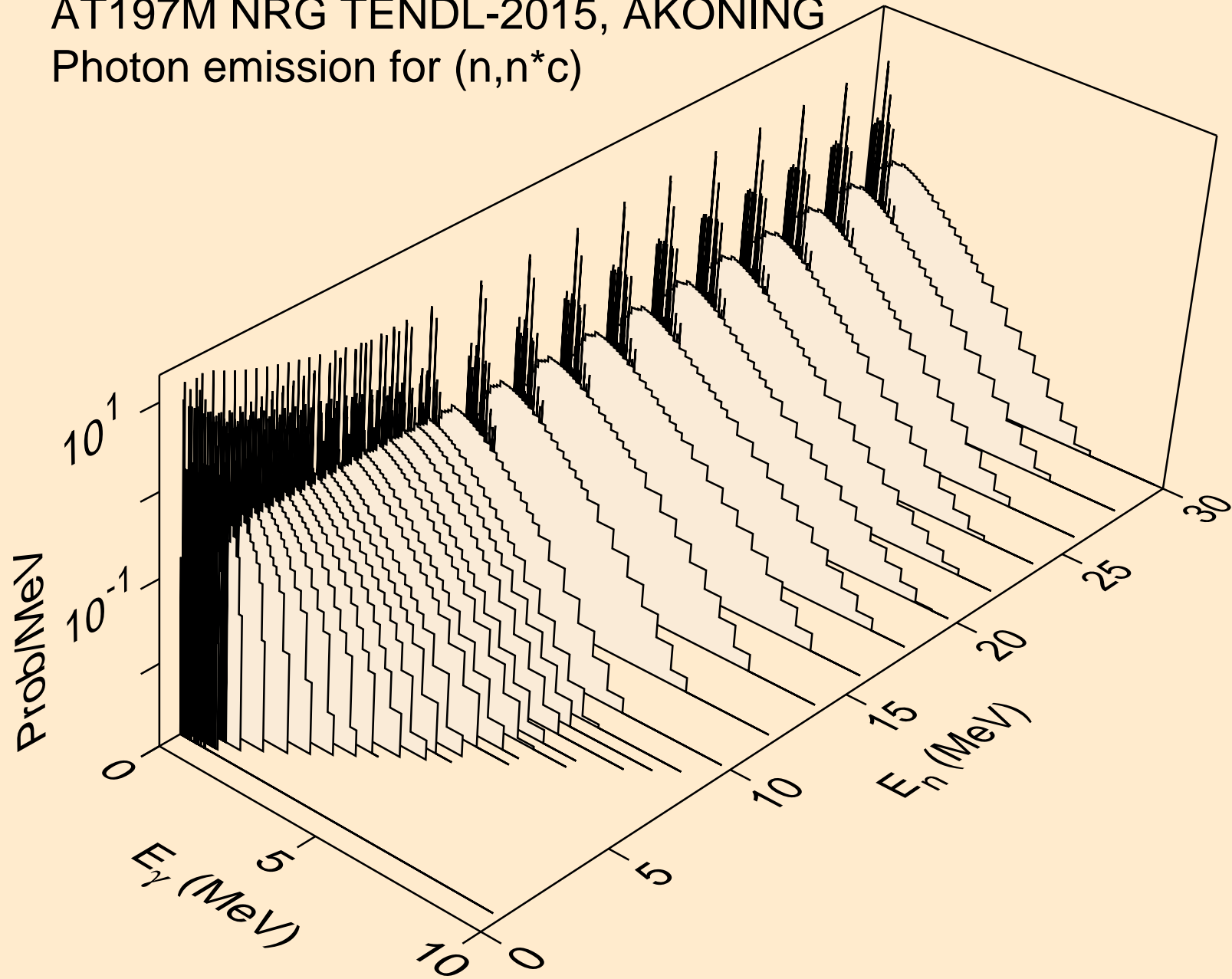
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Photon emission for (n,n\*11)



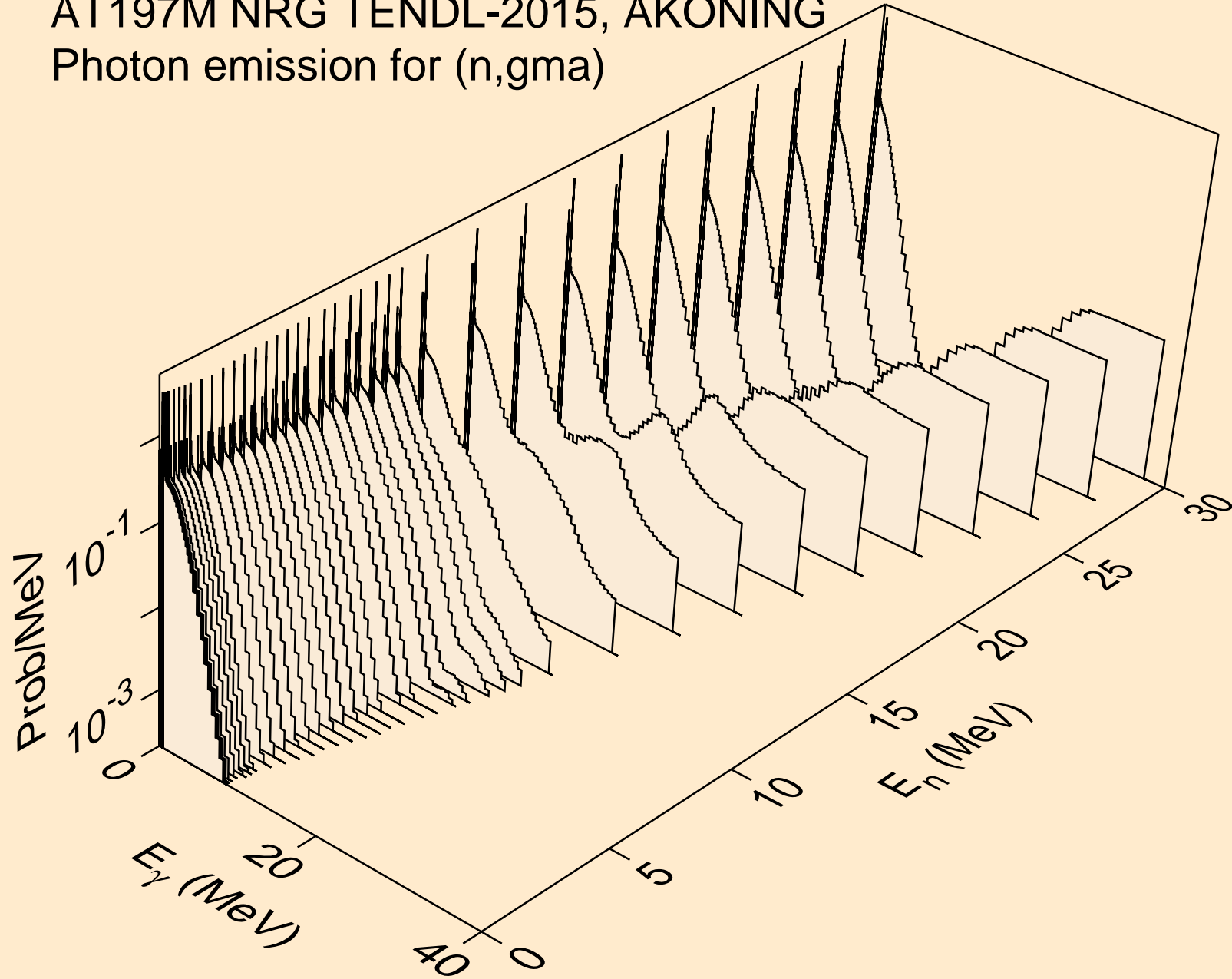
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Photon emission for (n,n\*12)



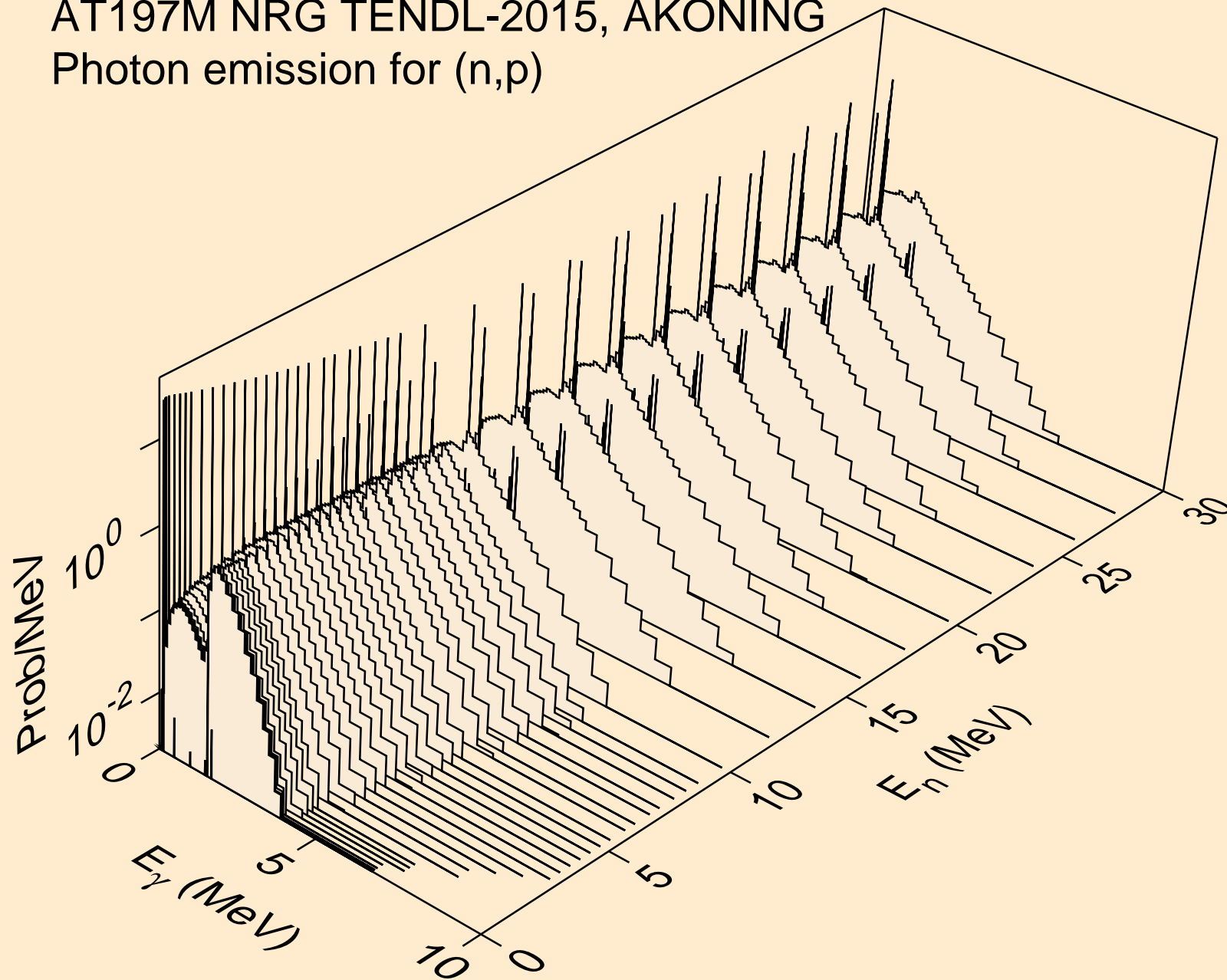
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Photon emission for (n,n\*c)



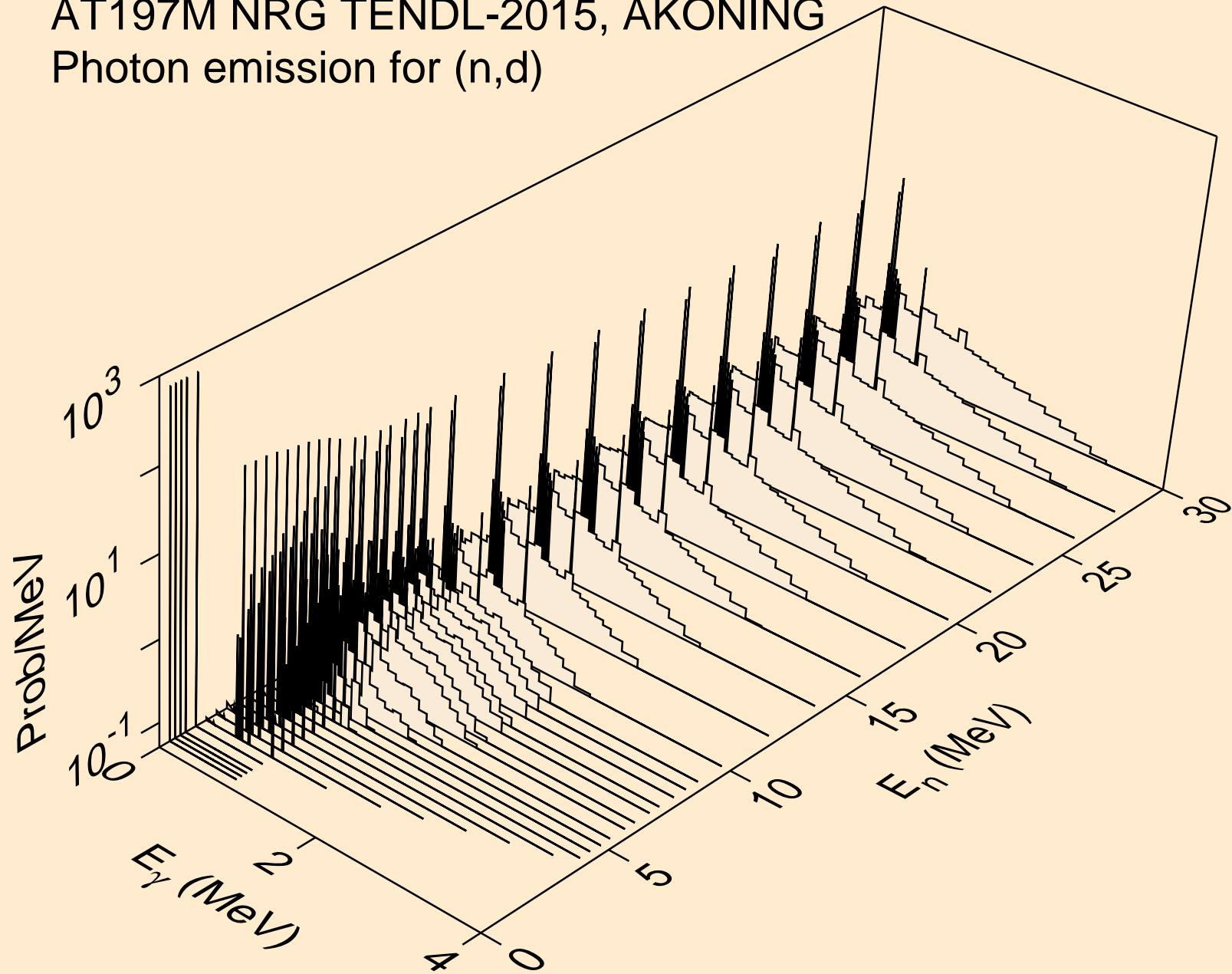
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Photon emission for (n,gma)



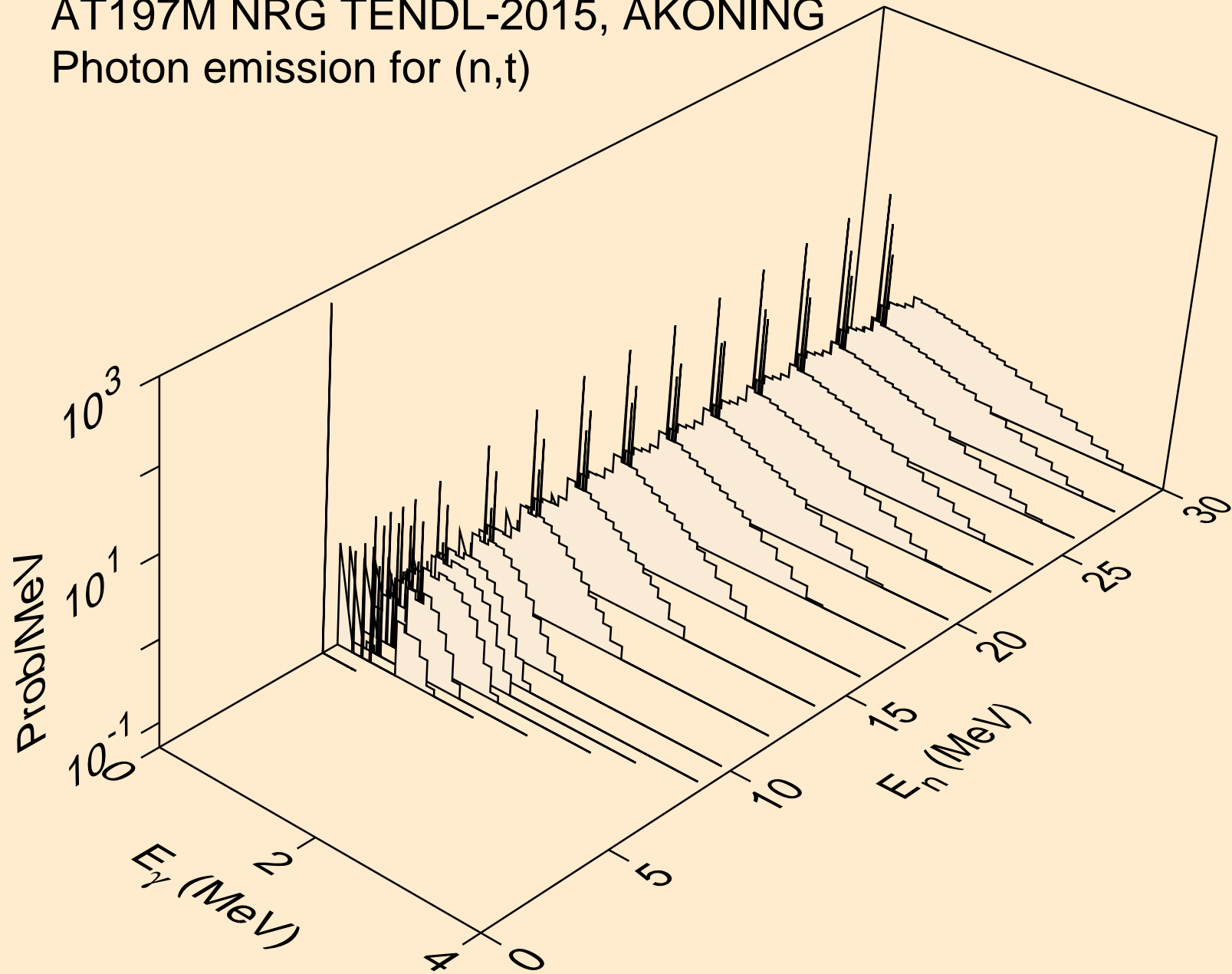
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Photon emission for (n,p)



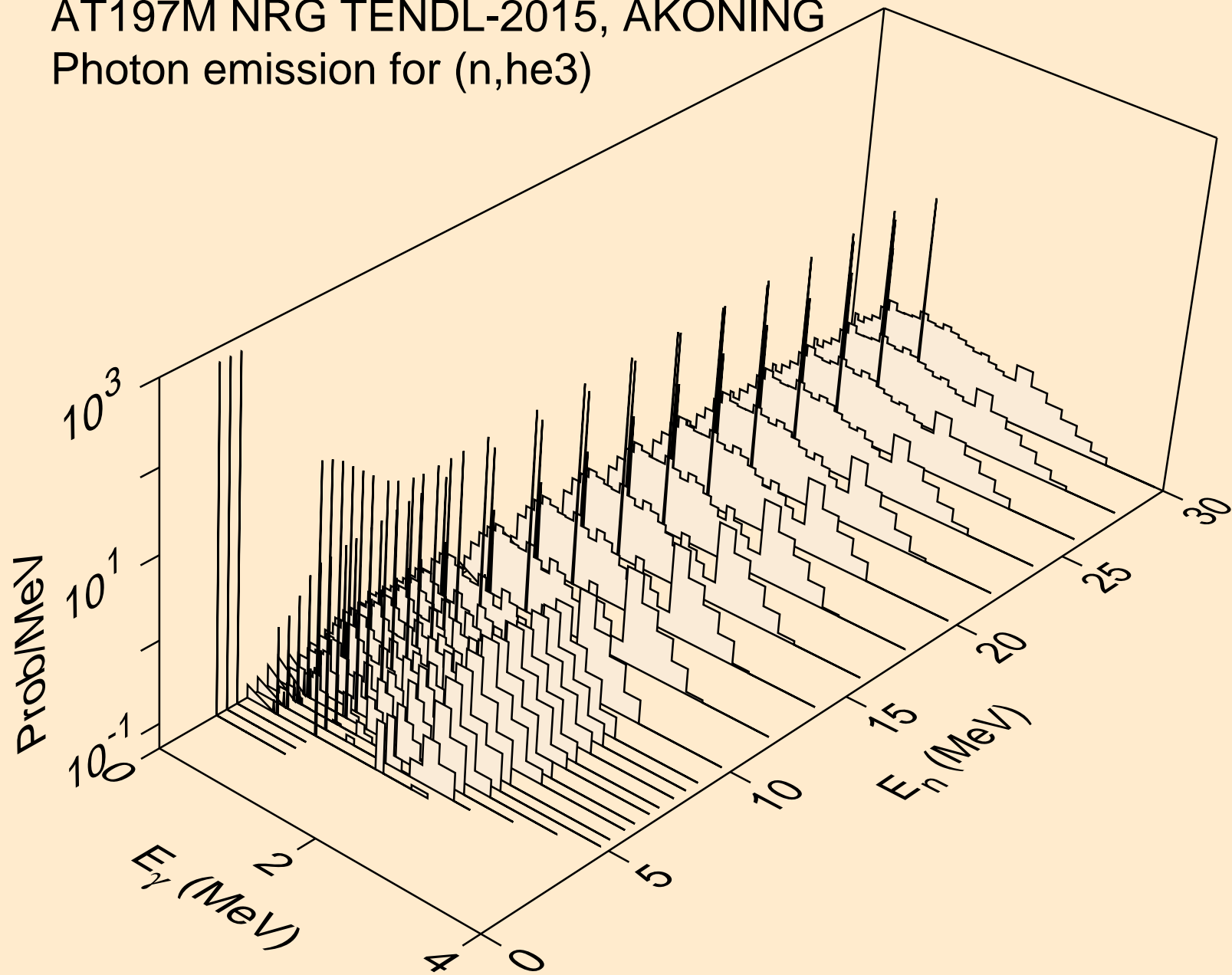
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,t)

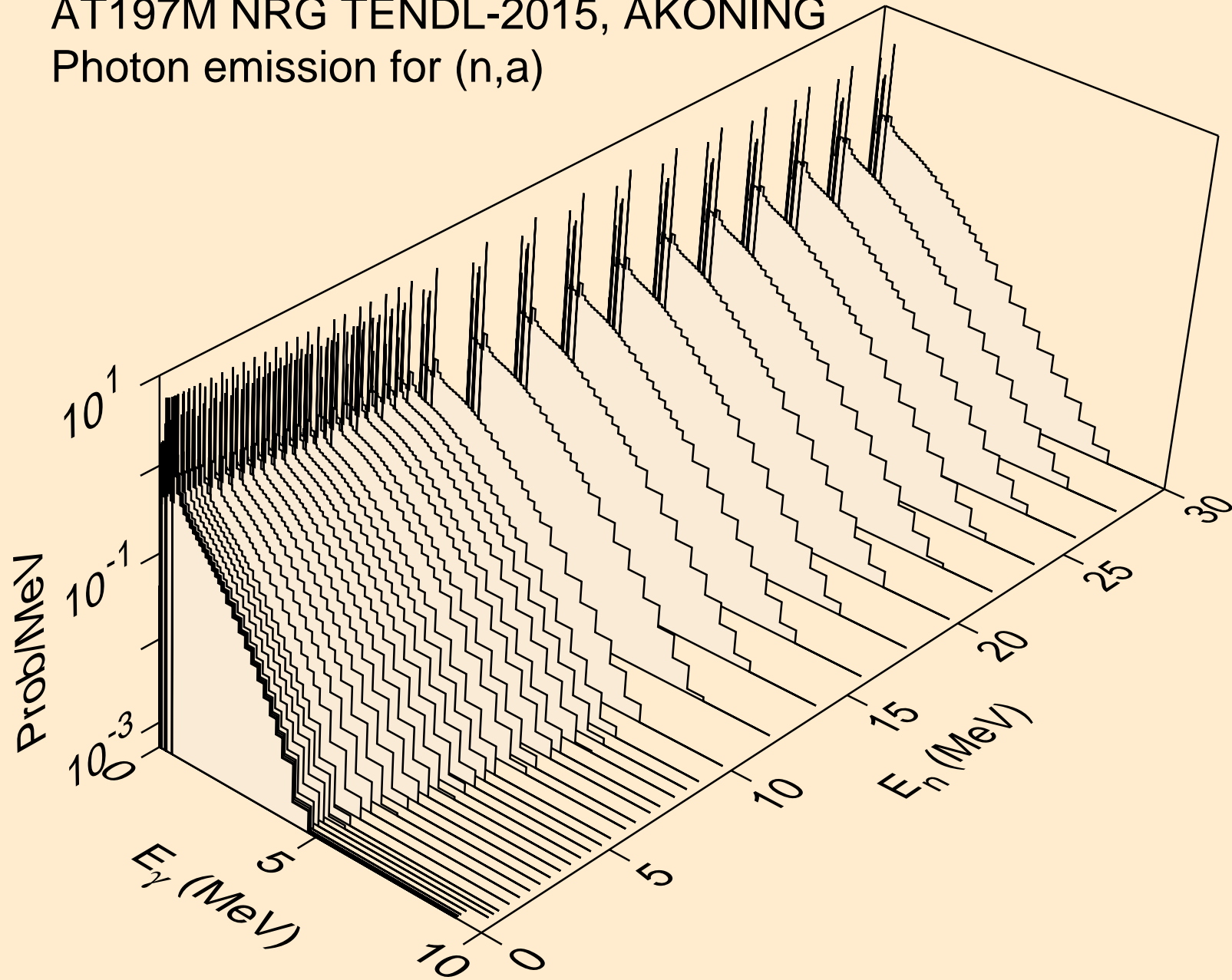


AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

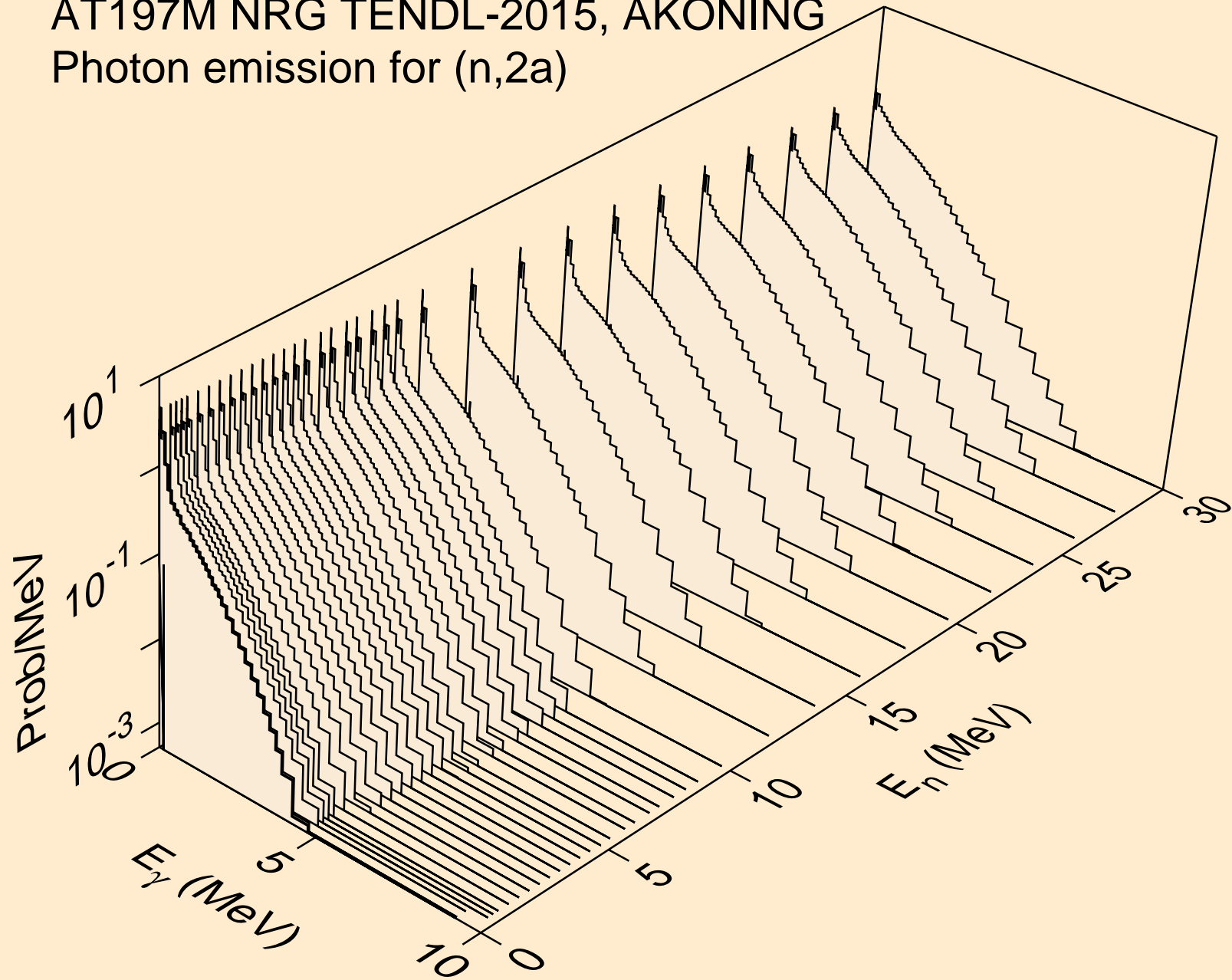




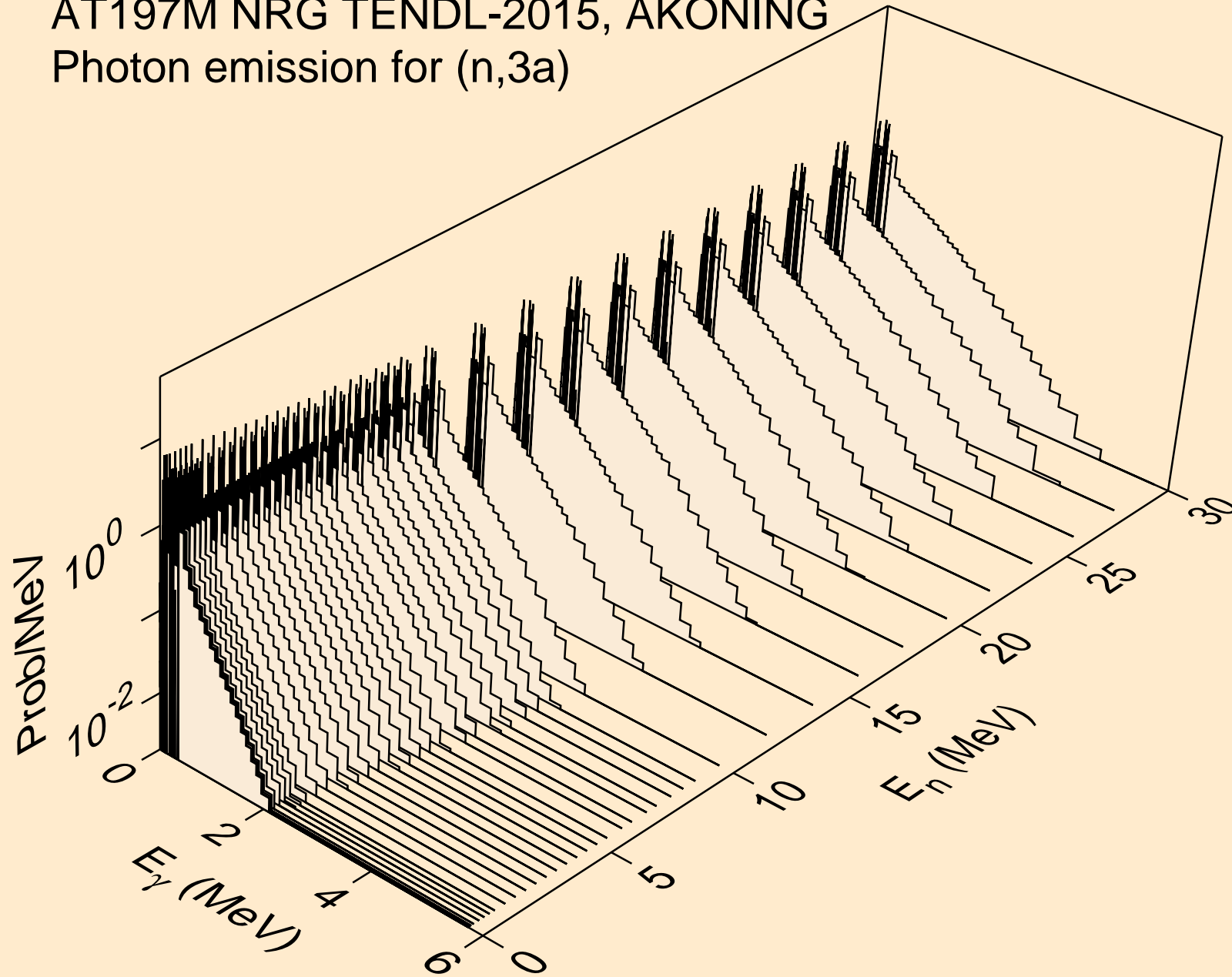
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,a)



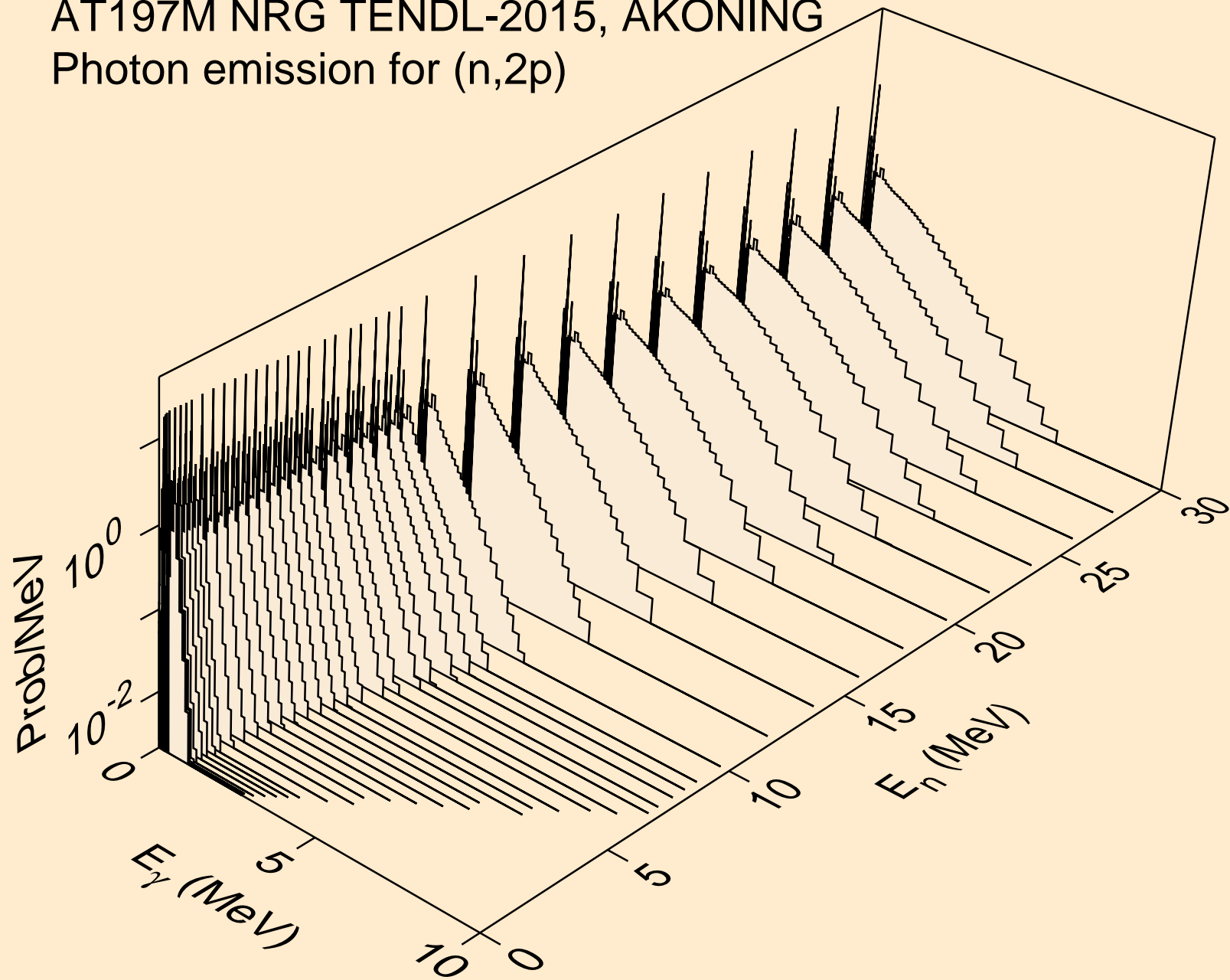
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



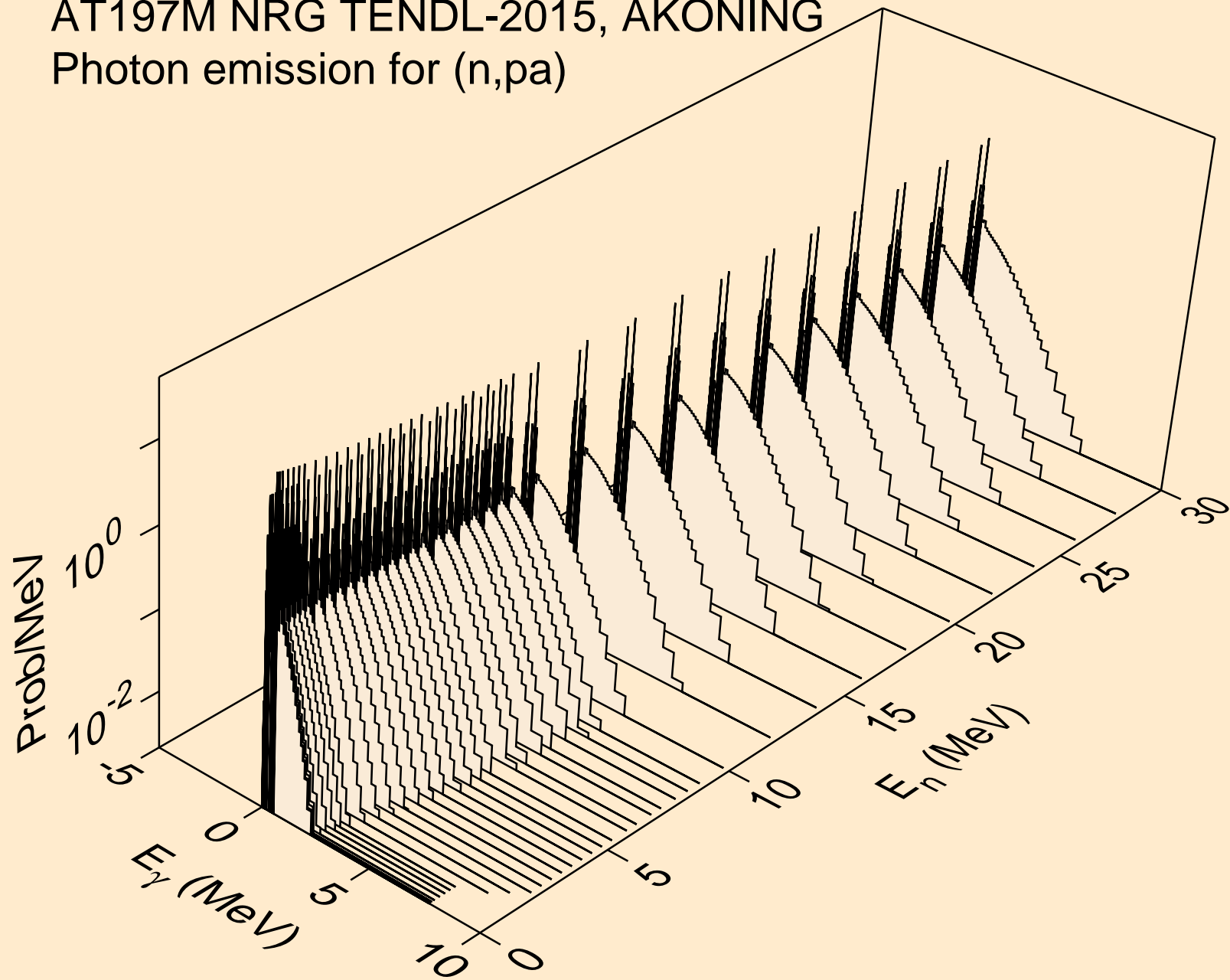
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



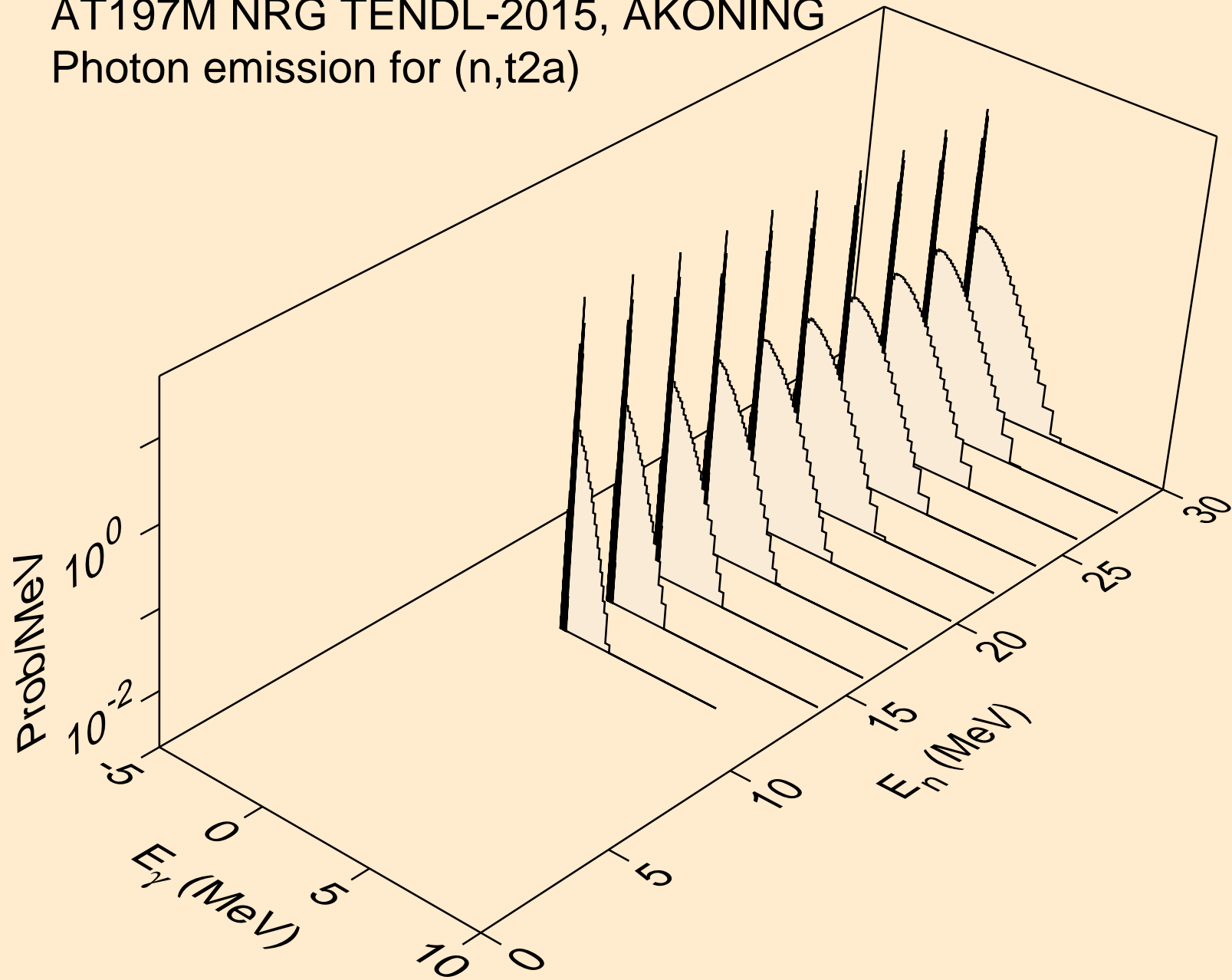
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Photon emission for (n,2p)



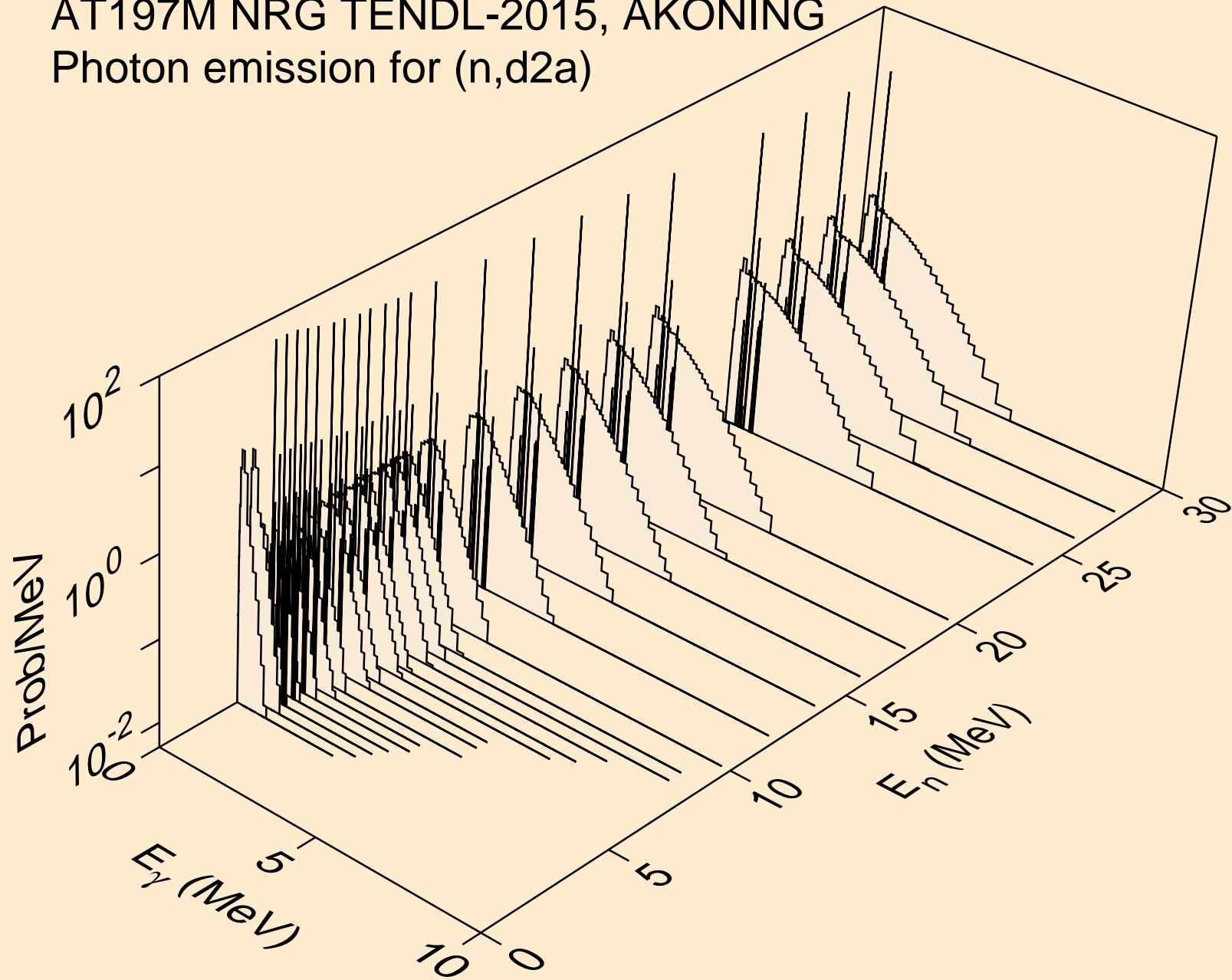
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



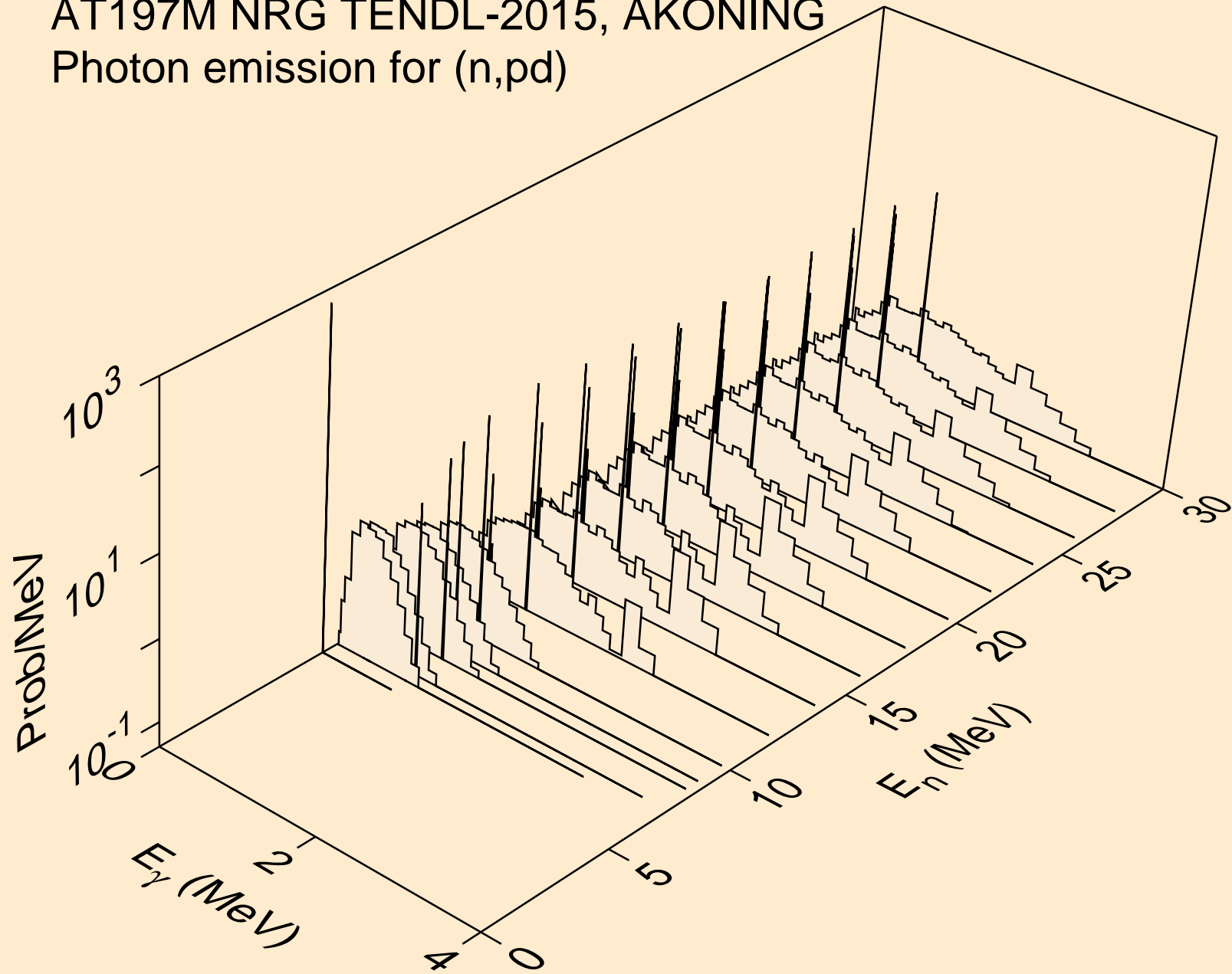
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)

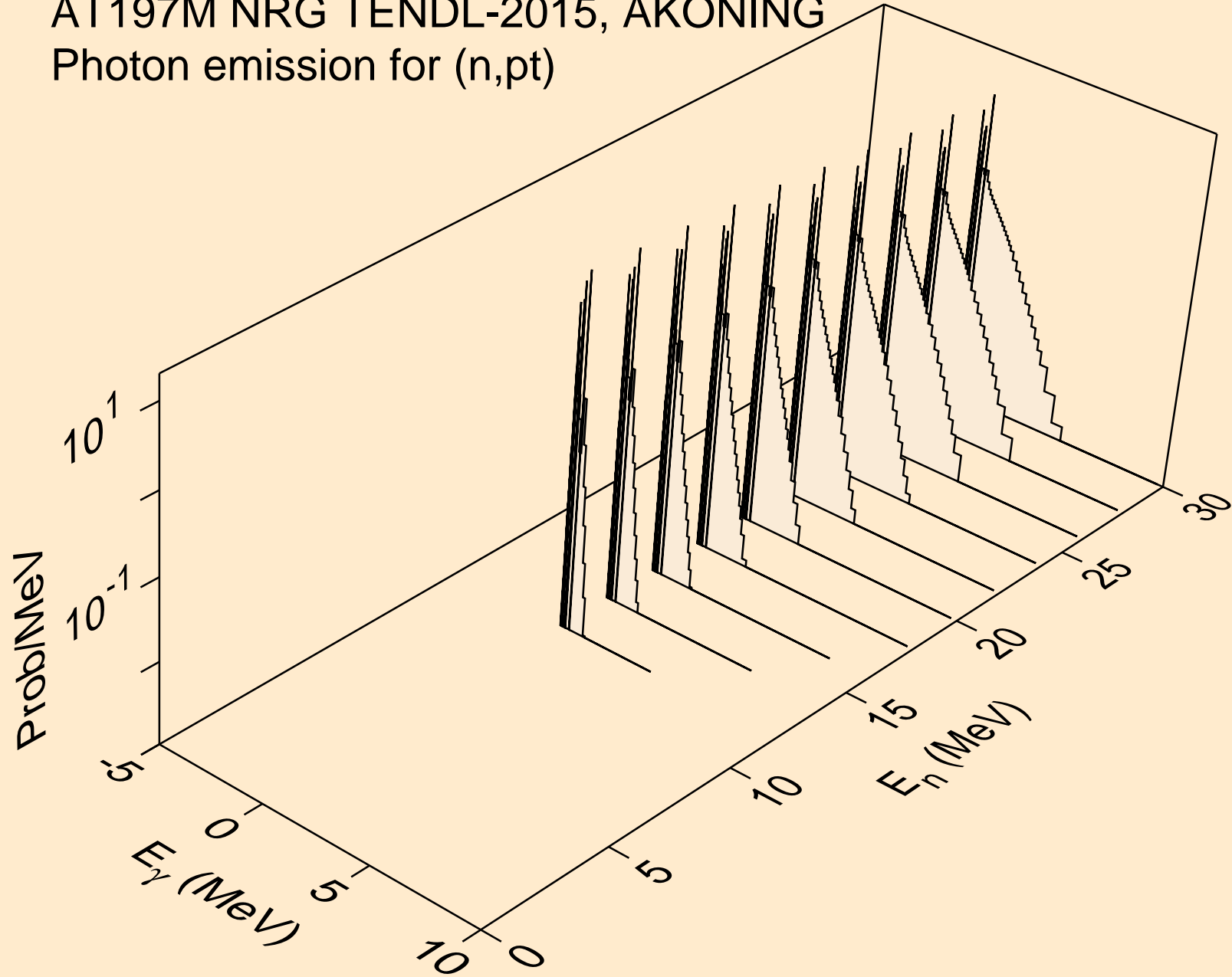


AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

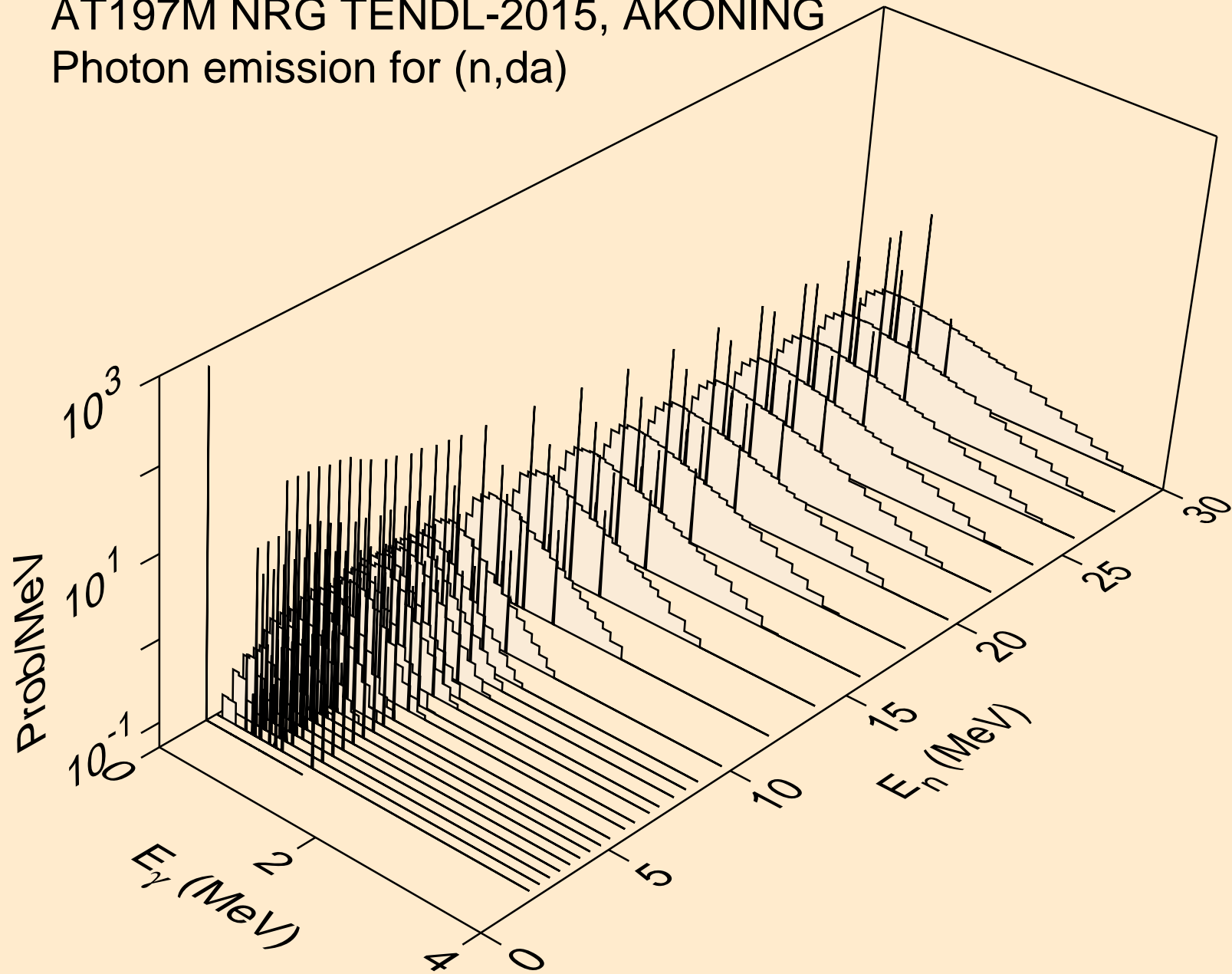




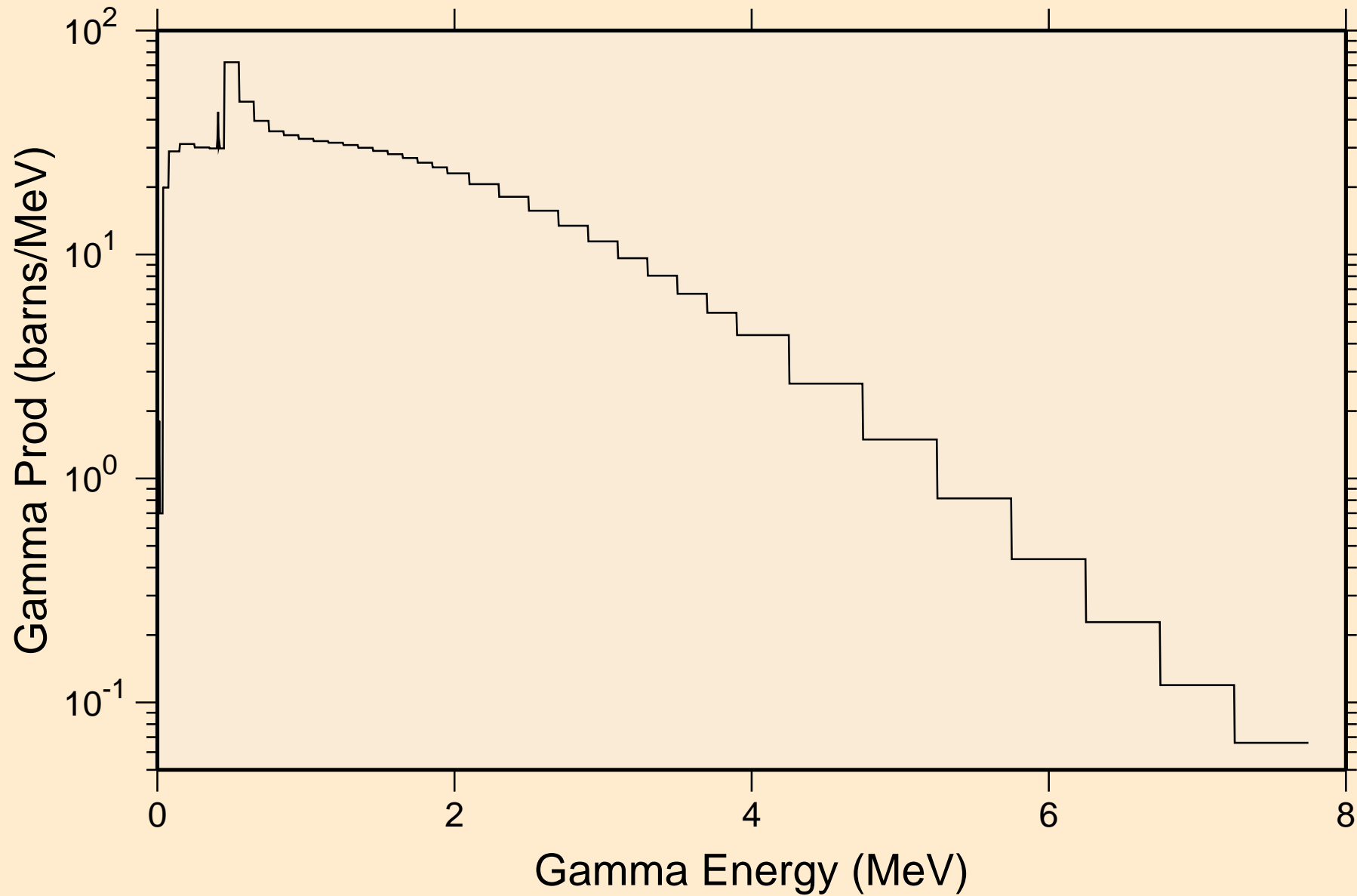
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



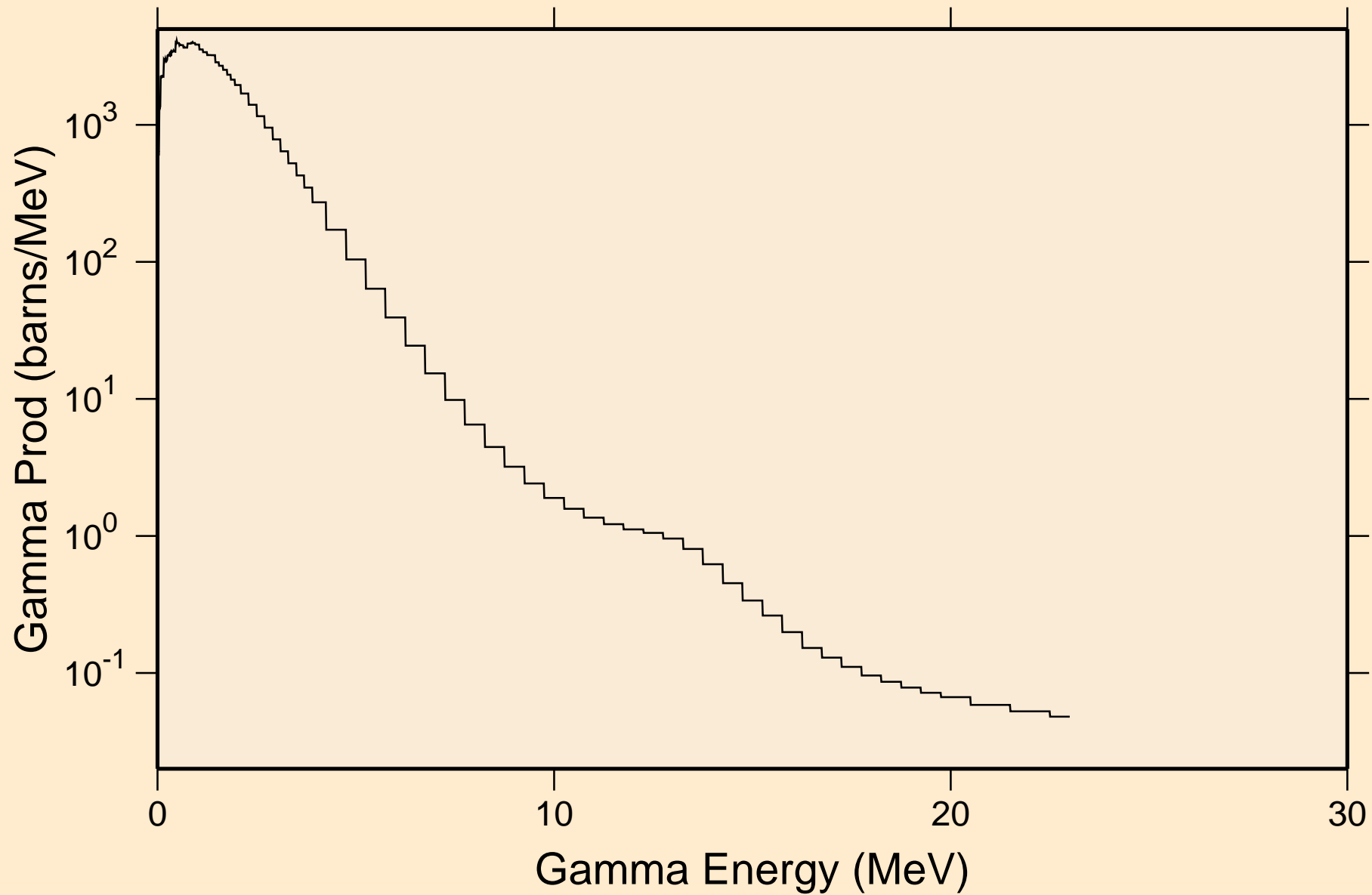
AT197M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



AT197M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

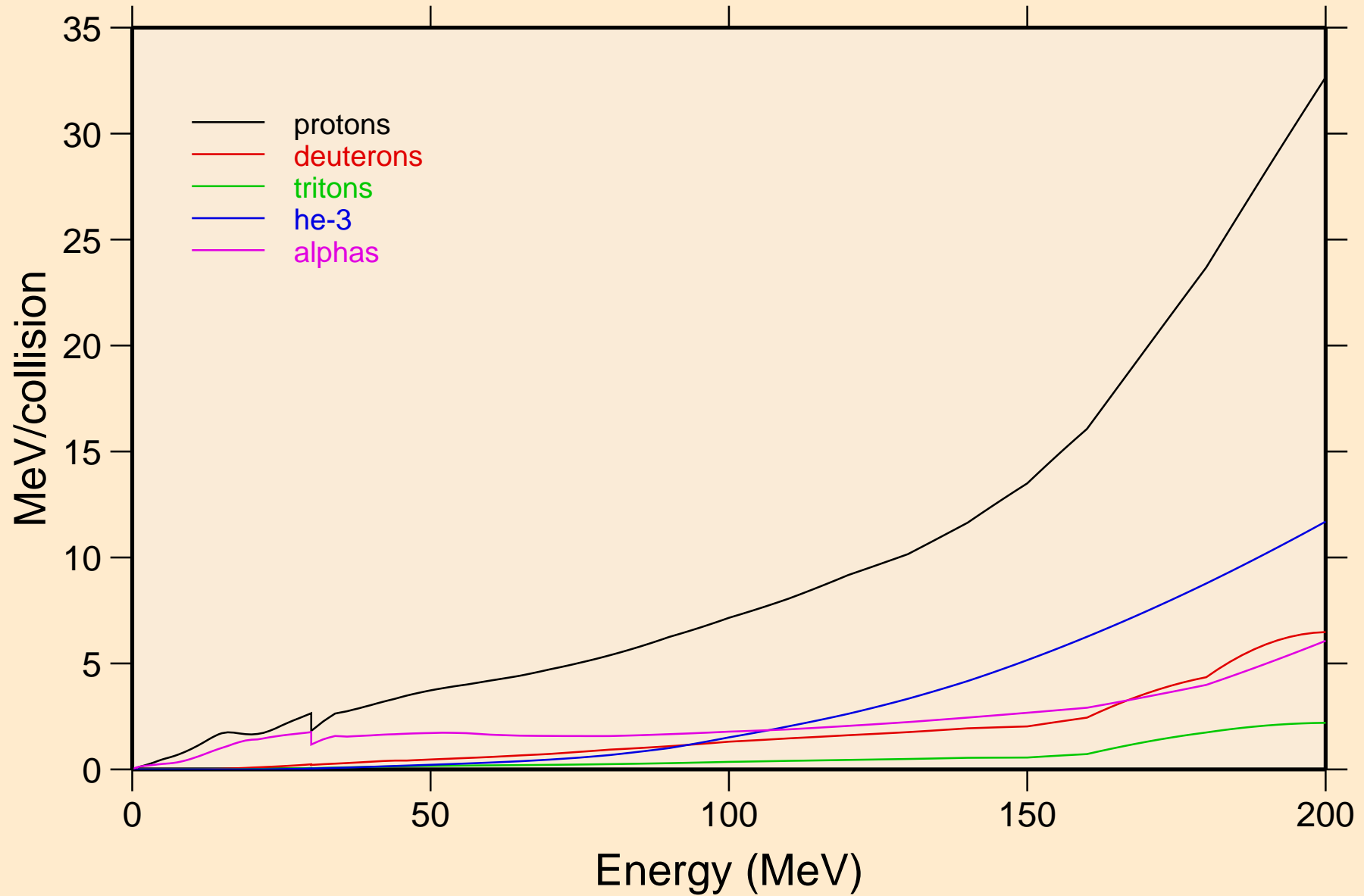


AT197M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



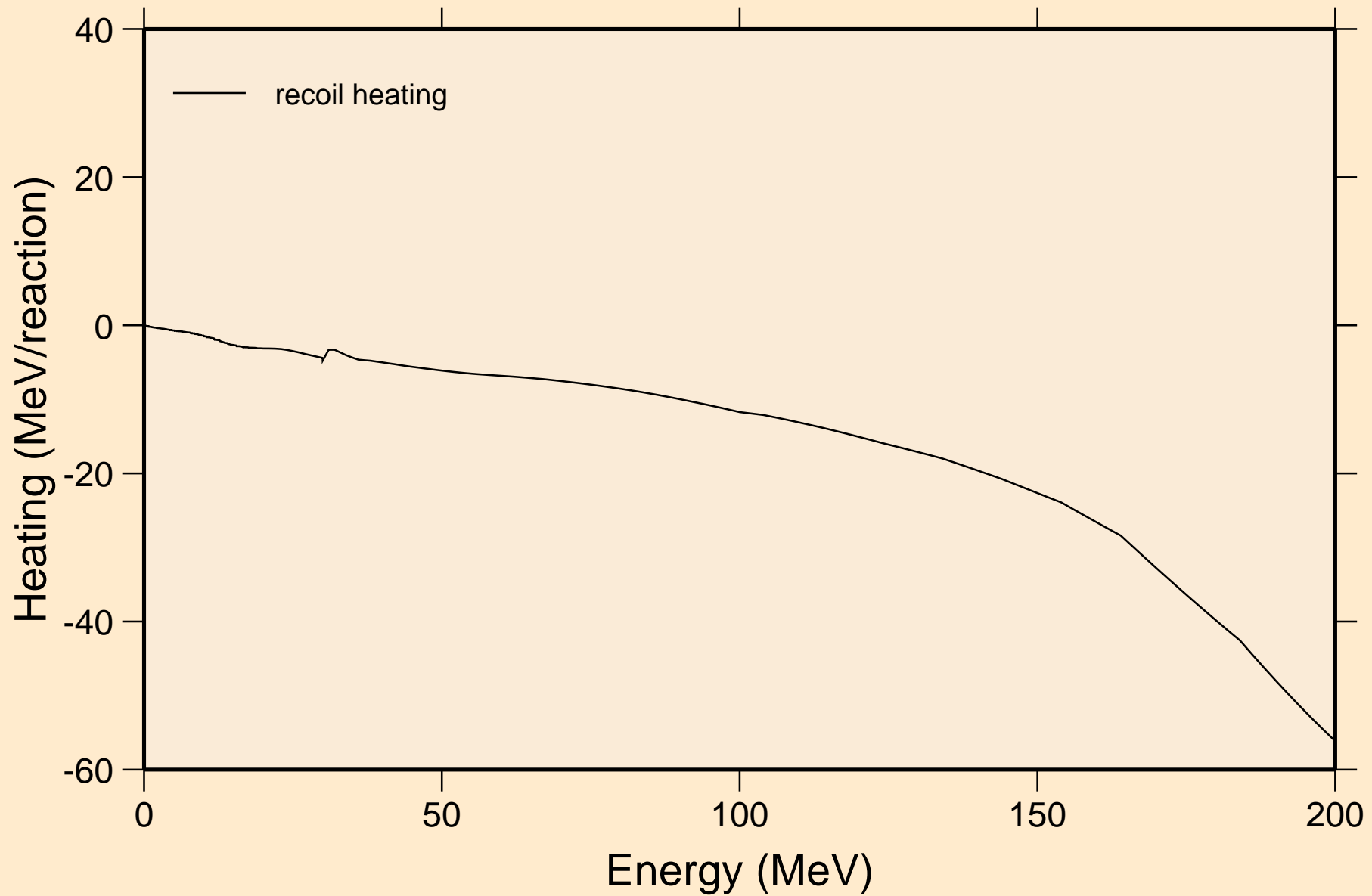
# AT197M NRG TENDL-2015, AKONING

## Particle heating contributions



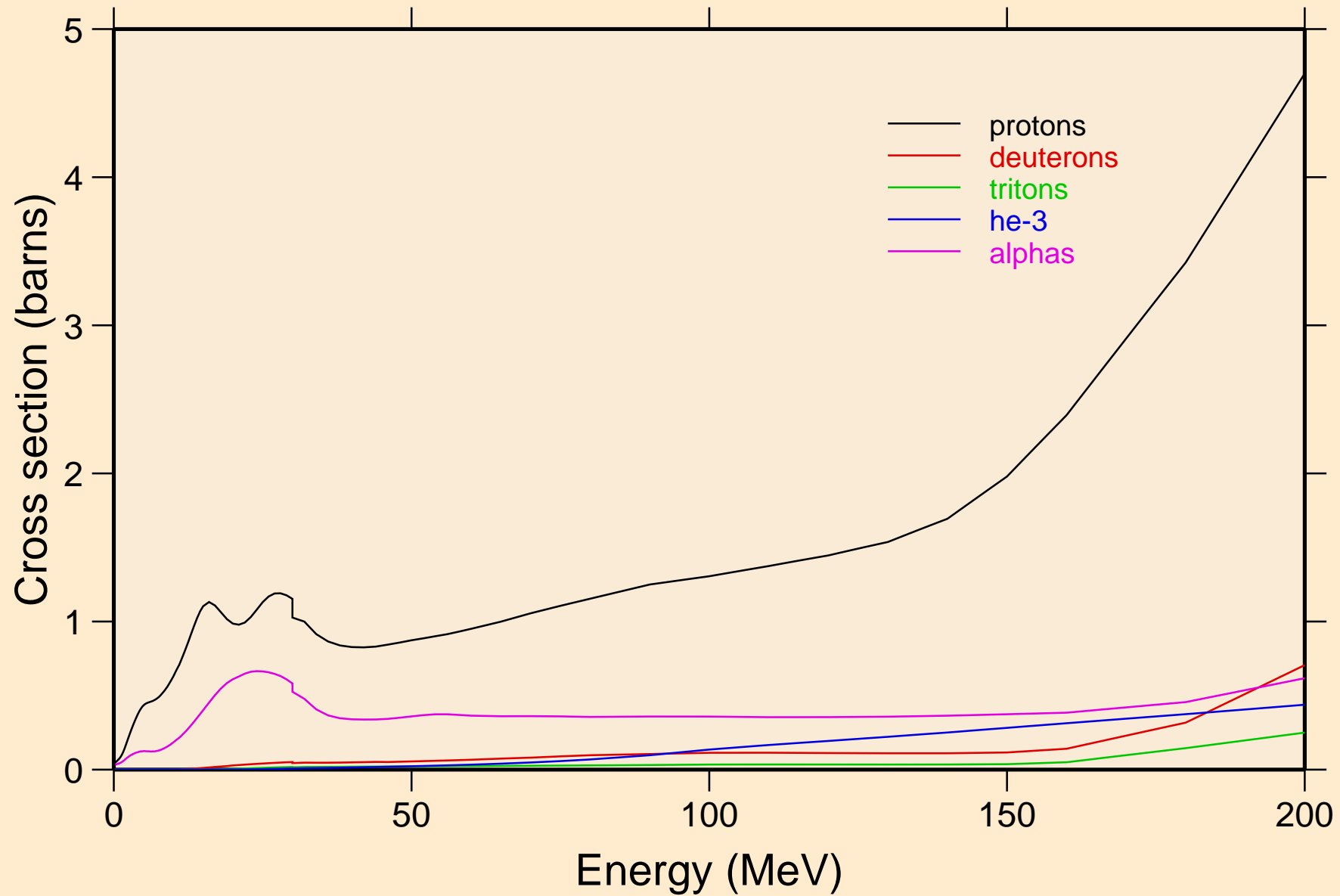
# AT197M NRG TENDL-2015, AKONING

## Recoil Heating

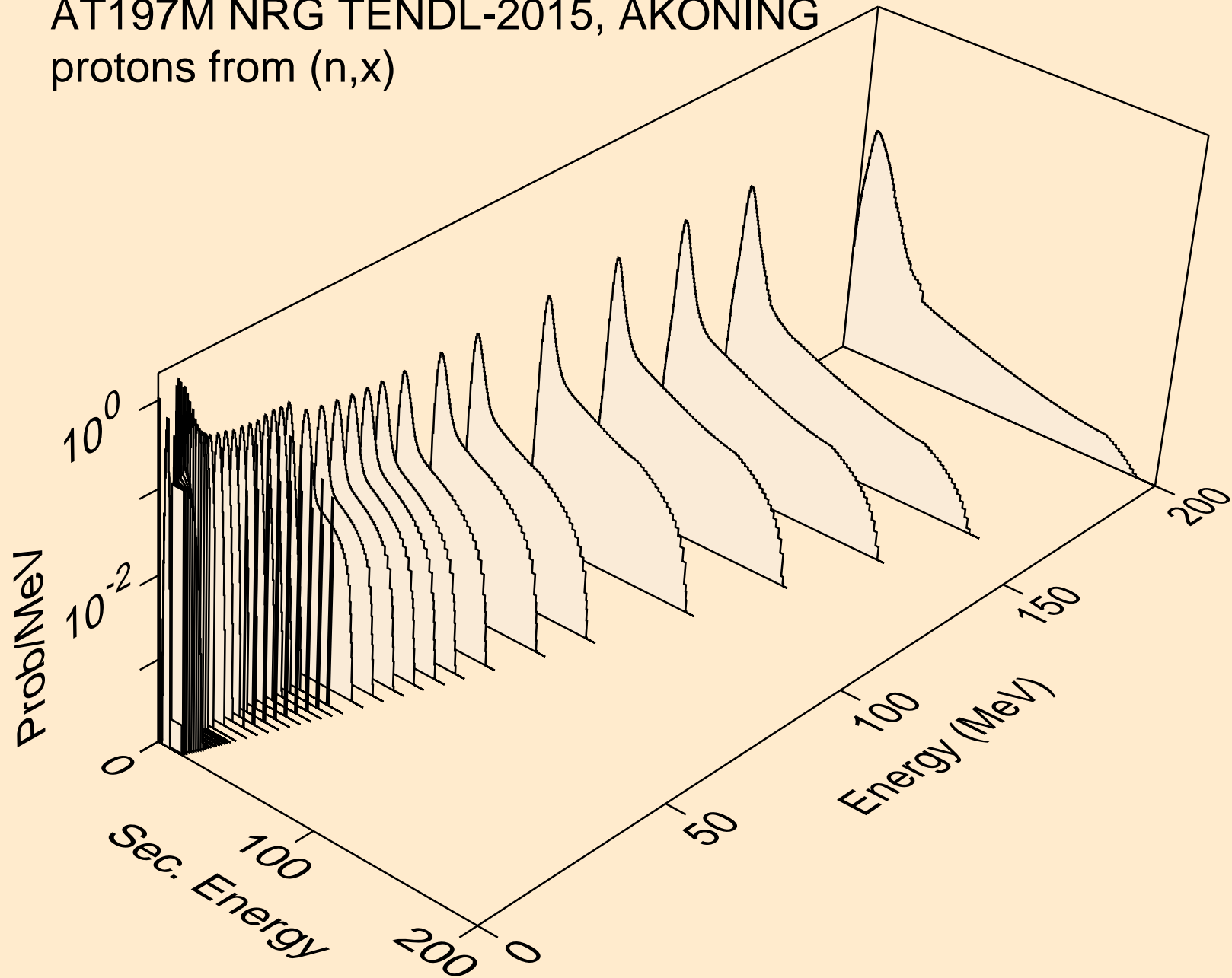


# AT197M NRG TENDL-2015, AKONING

## Particle production cross sections

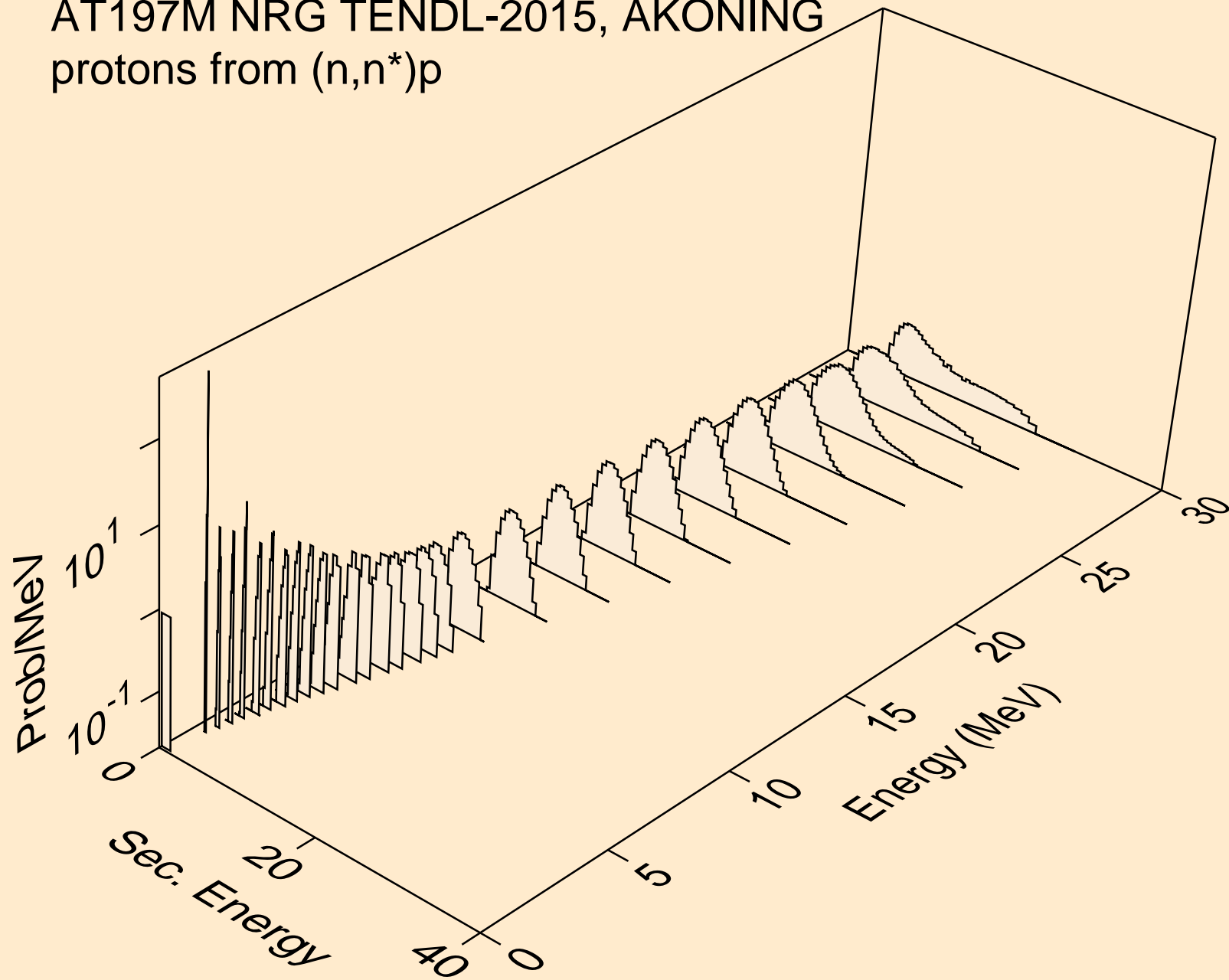


AT197M NRG TENDL-2015, AKONING  
protons from (n,x)

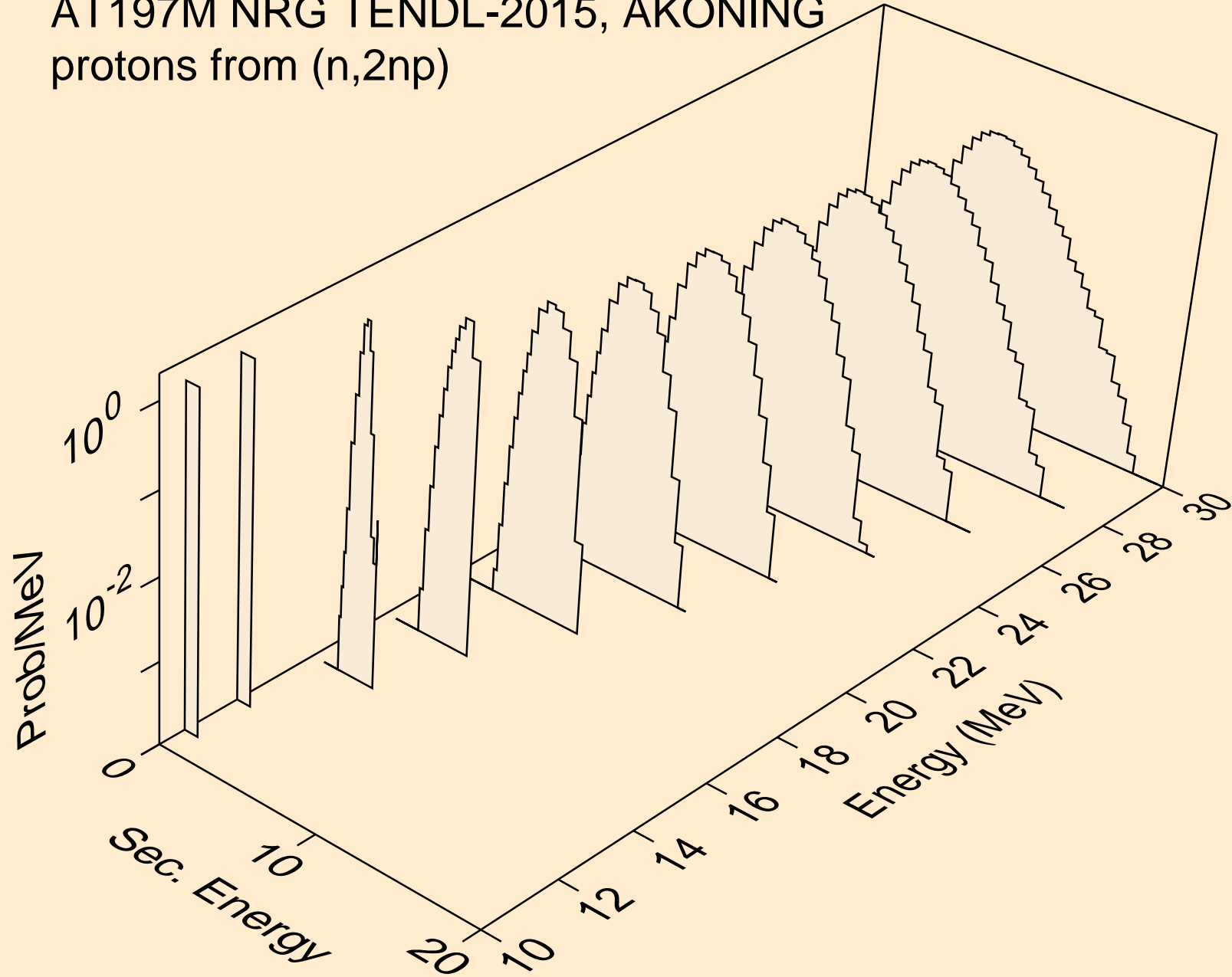




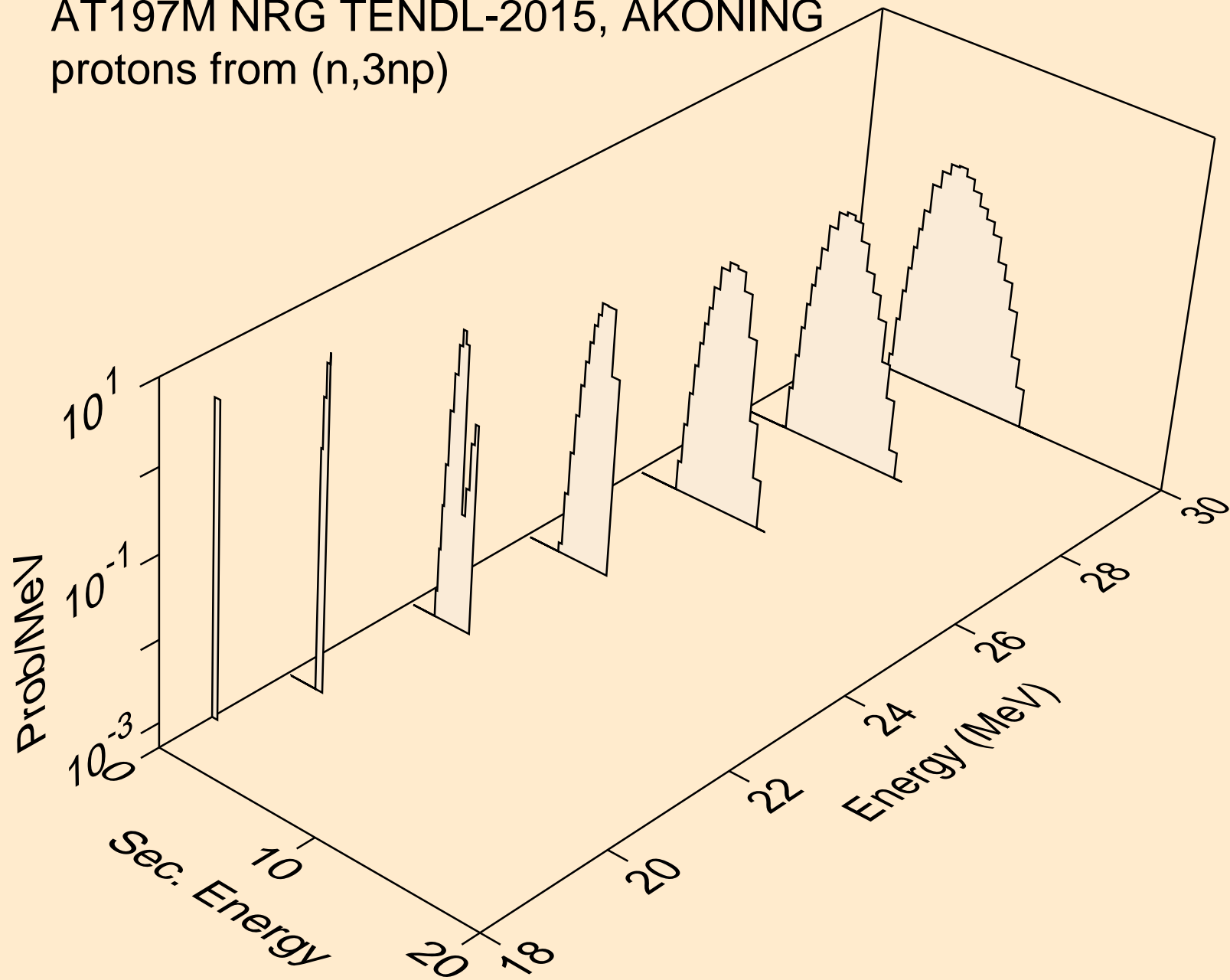
AT197M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



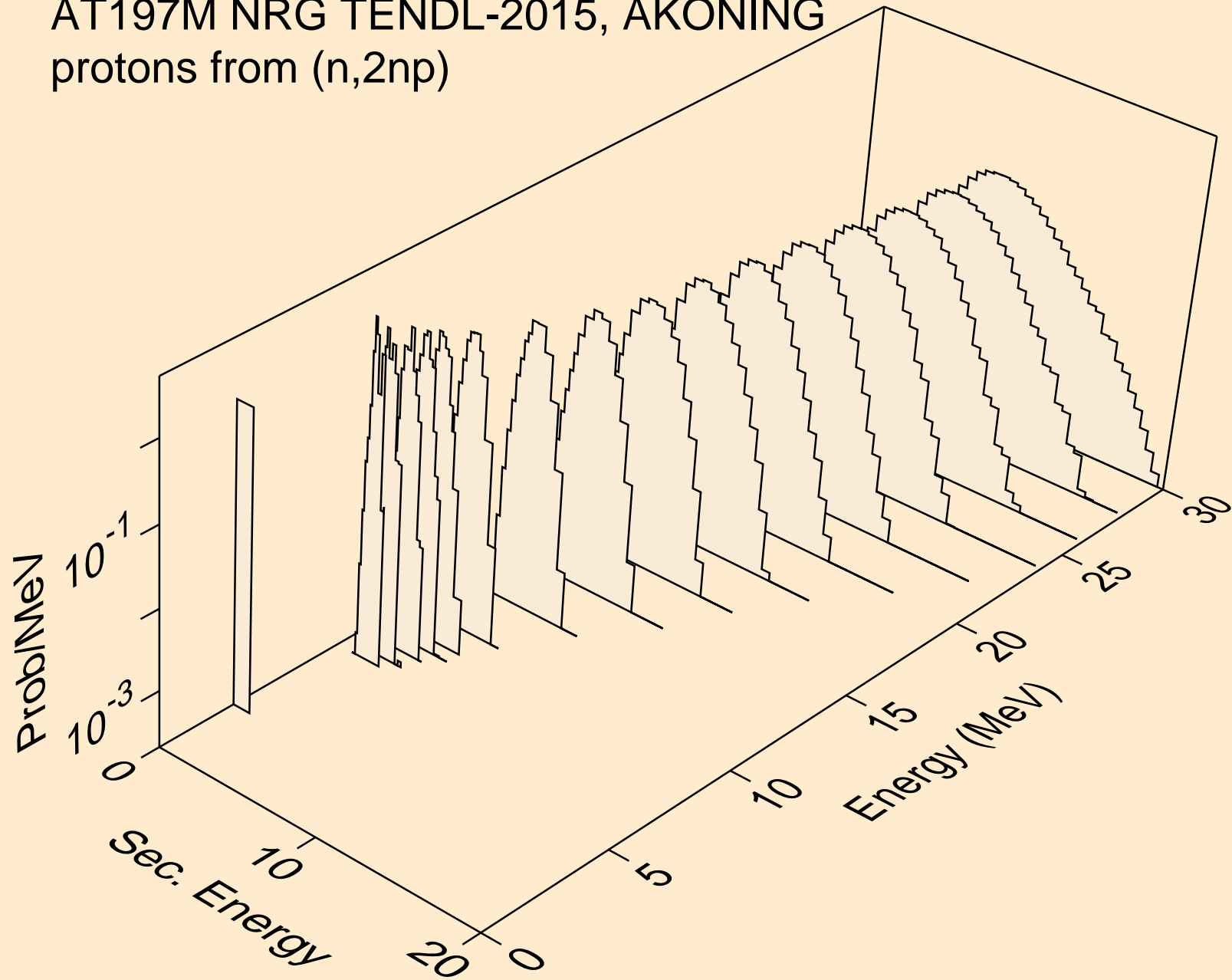
AT197M NRG TENDL-2015, AKONING  
protons from (n,2np)



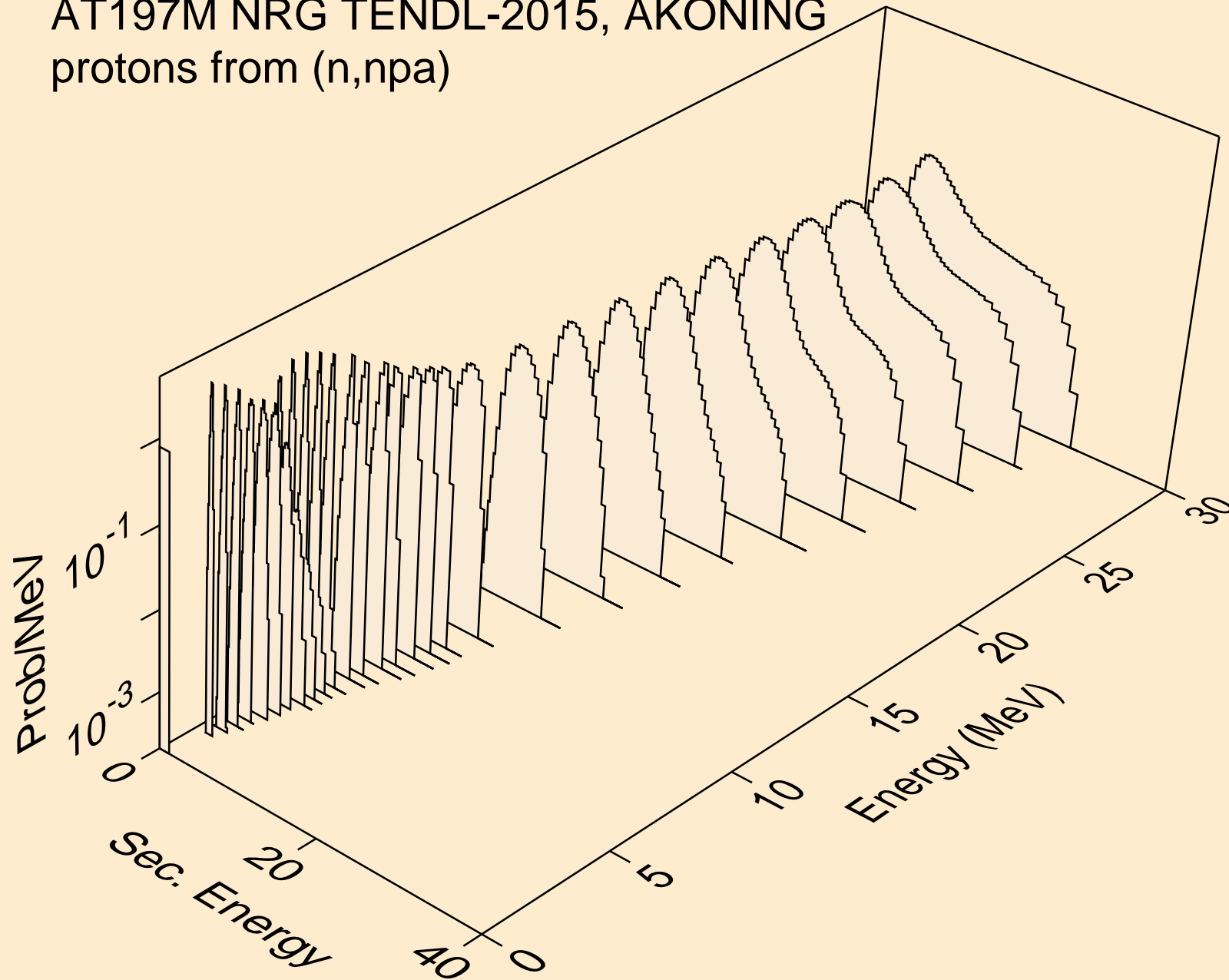
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protons from (n,3np)



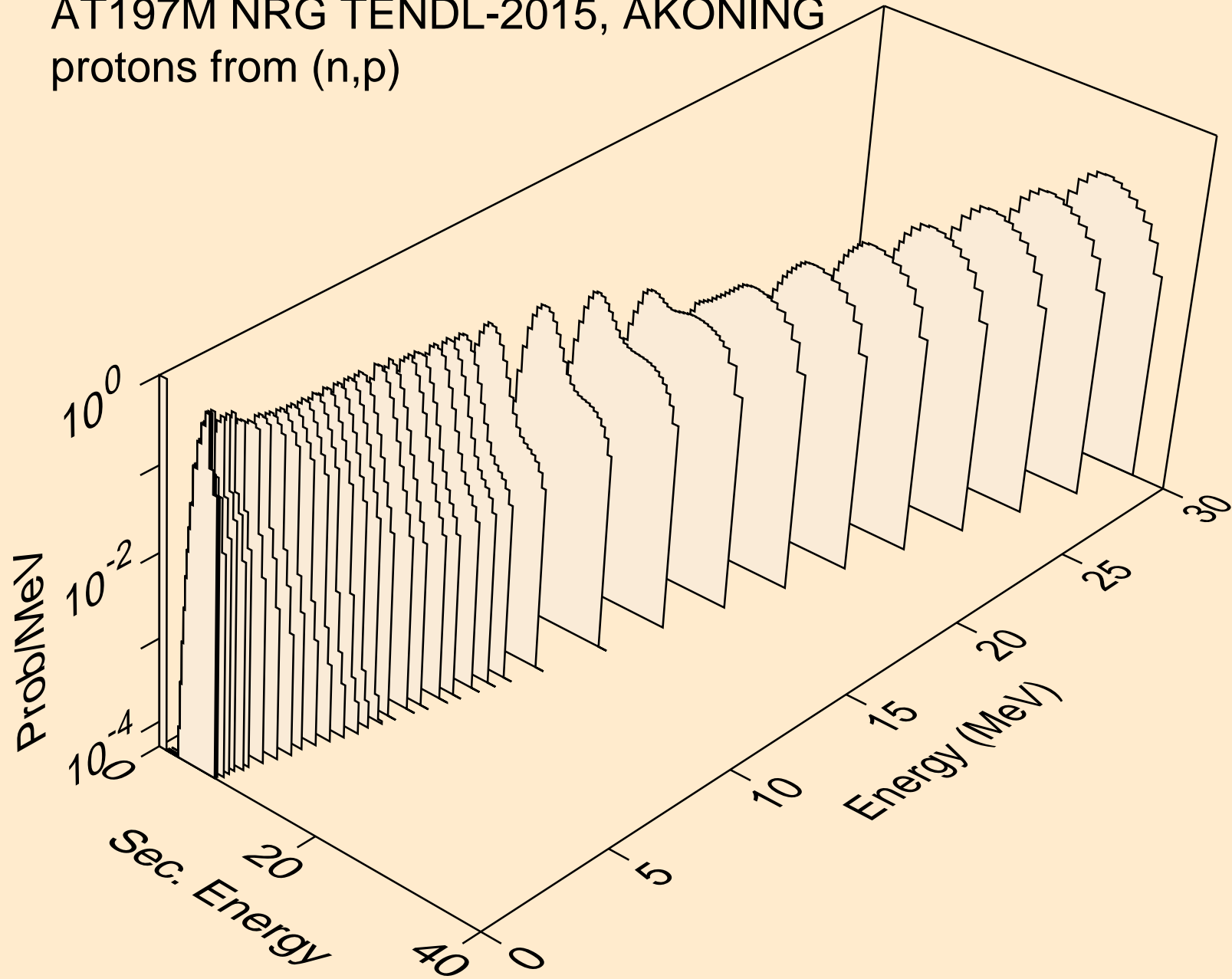
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protons from (n,2np)



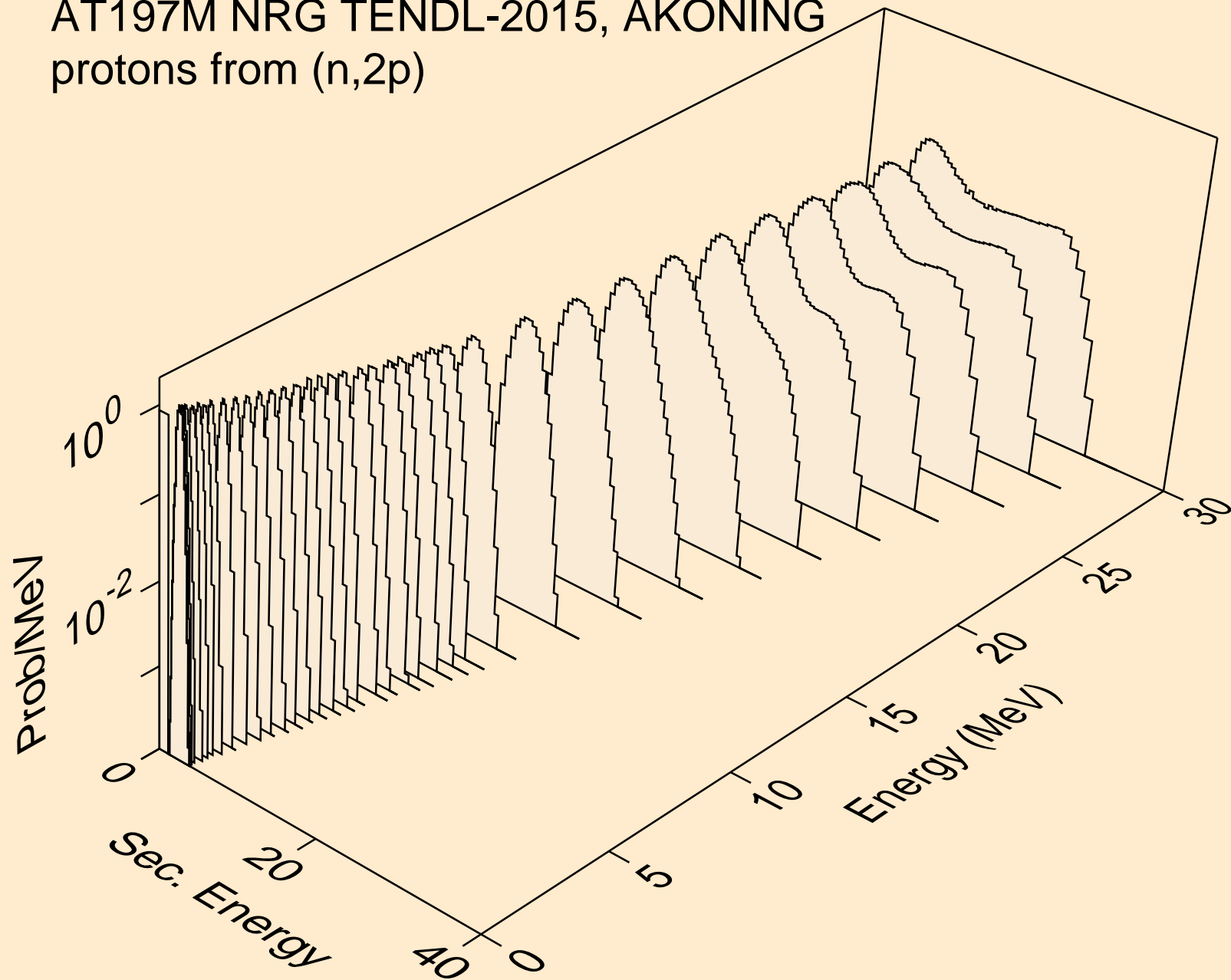
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protons from (n,npa)



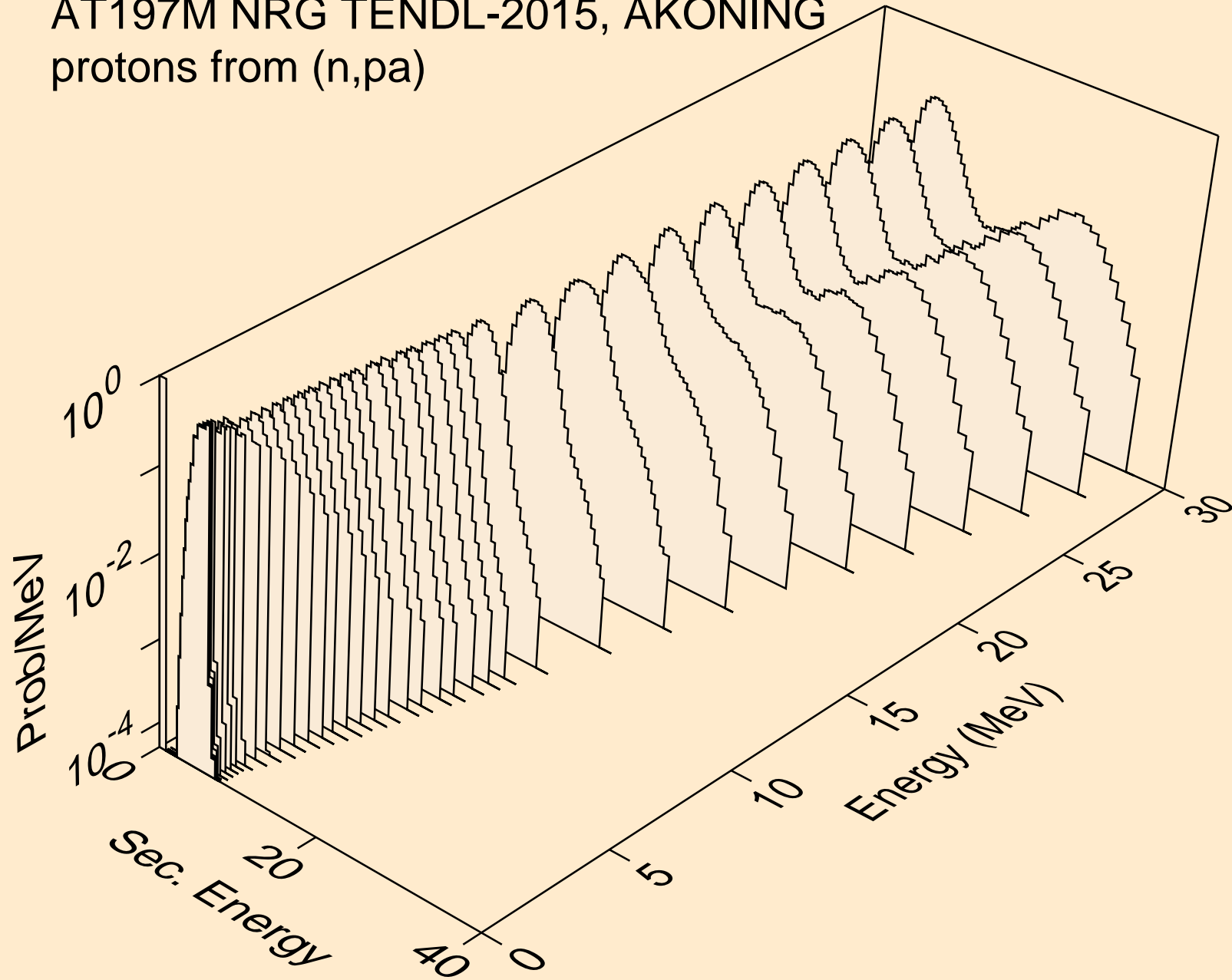
AT197M NRG TENDL-2015, AKONING  
protons from (n,p)



AT197M NRG TENDL-2015, AKONING  
protons from (n,2p)

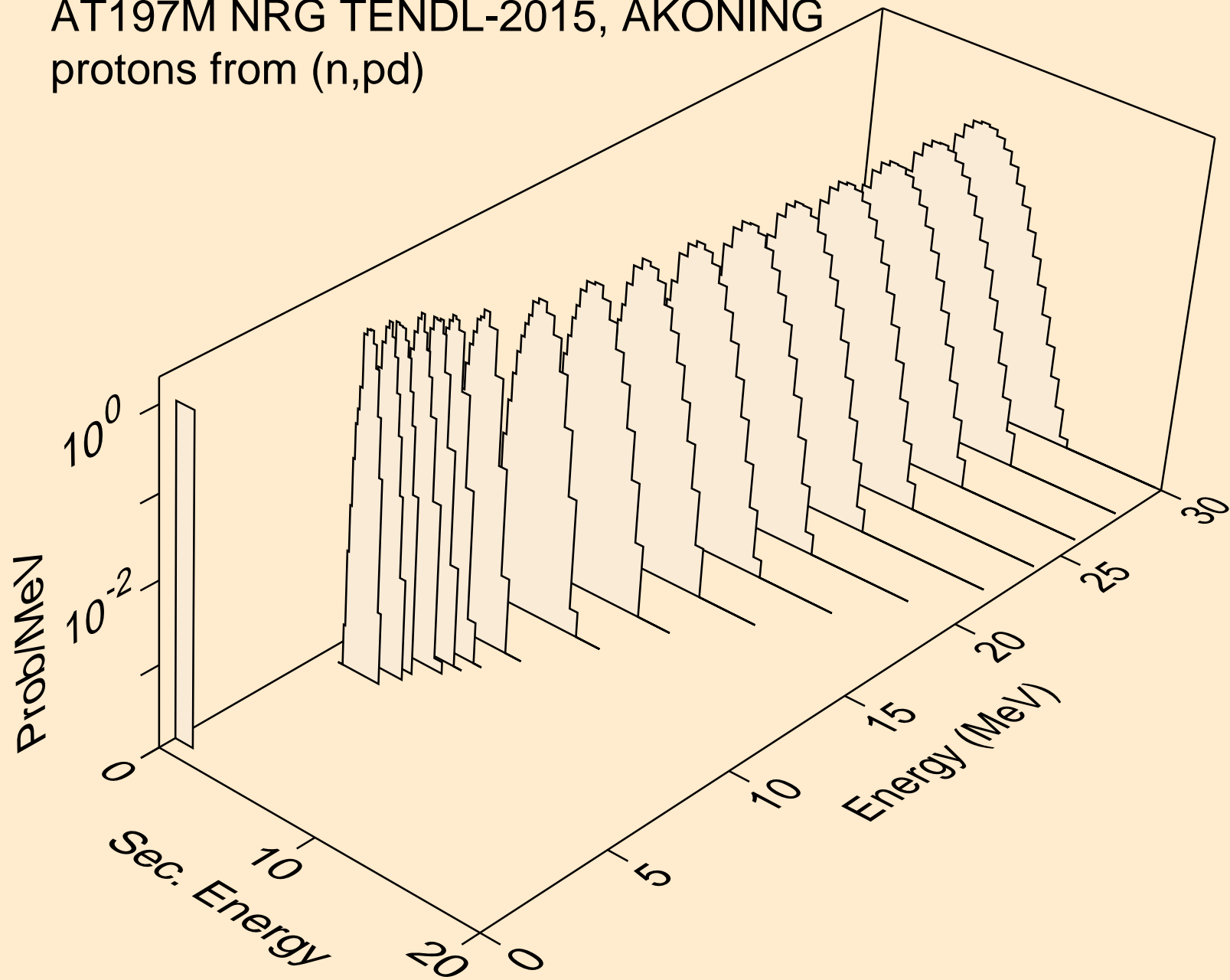


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protons from (n,pa)

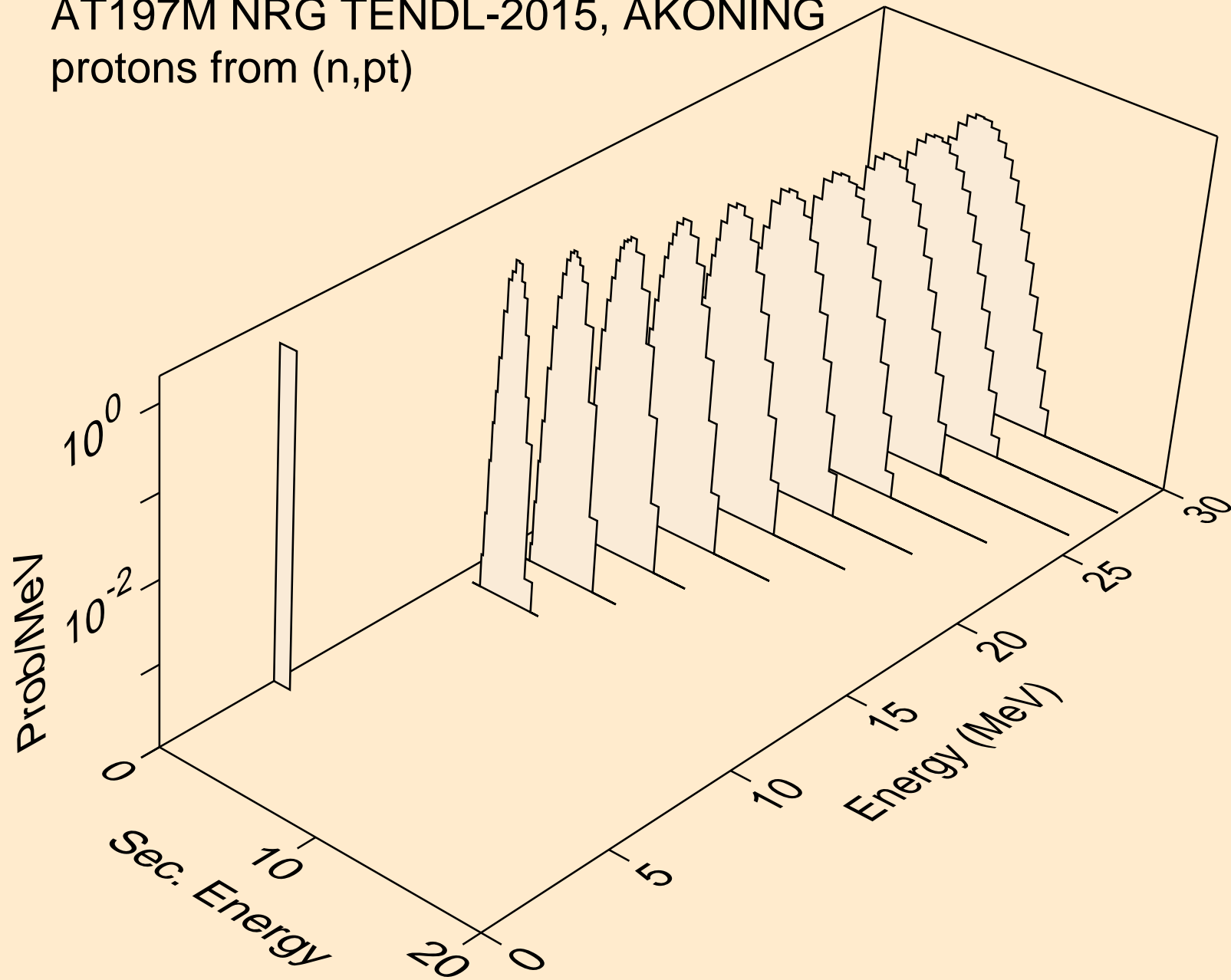




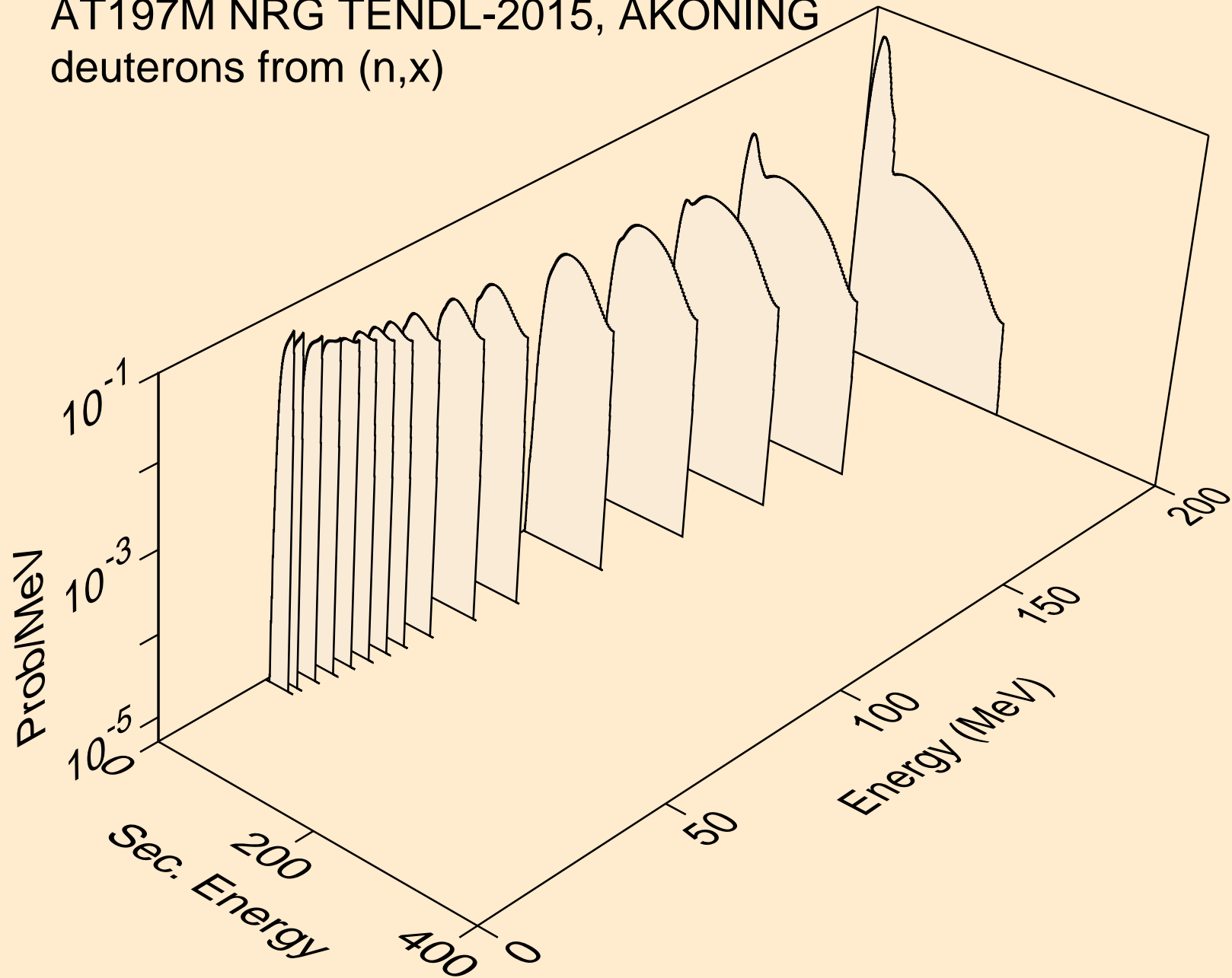
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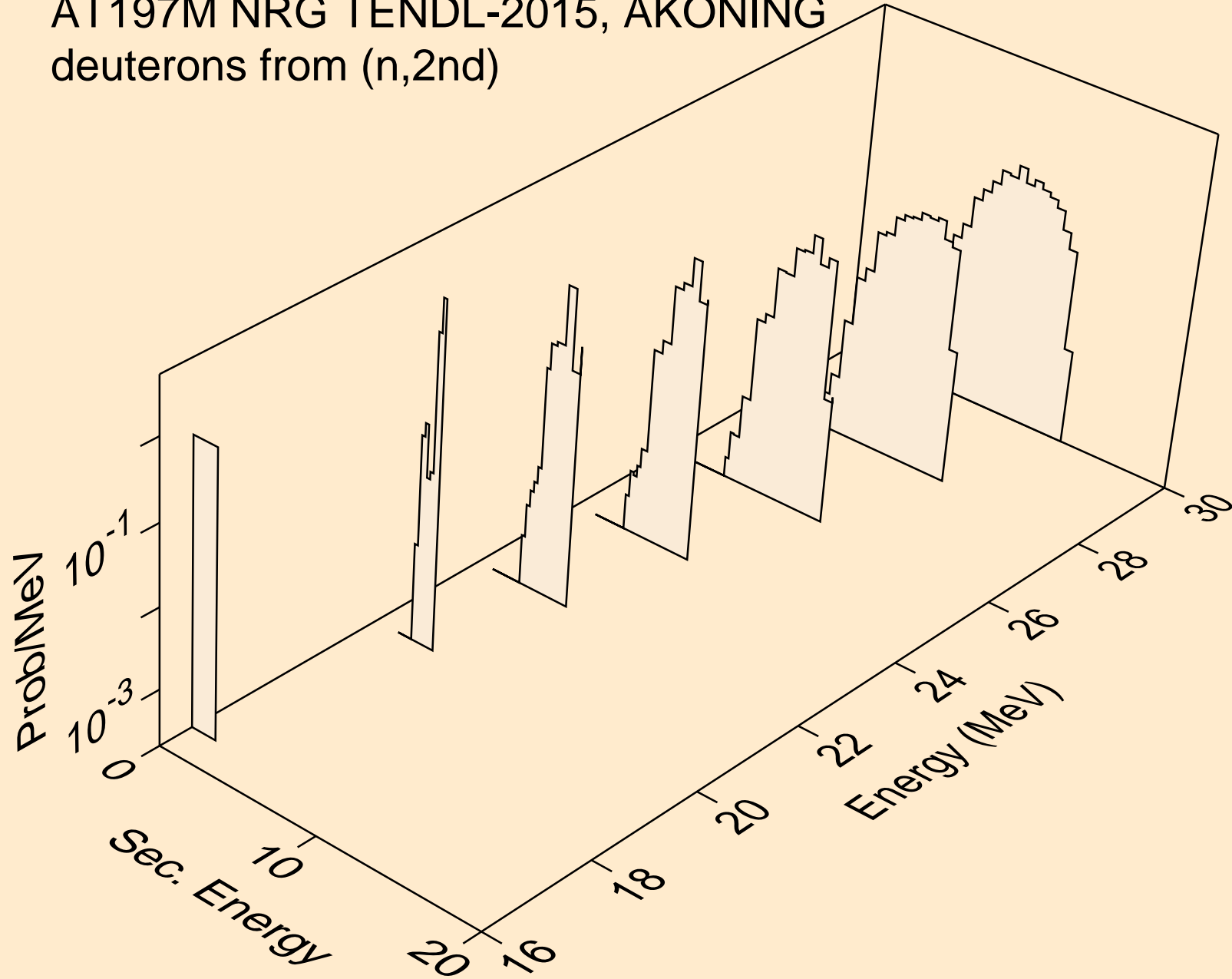
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protons from (n,pt)



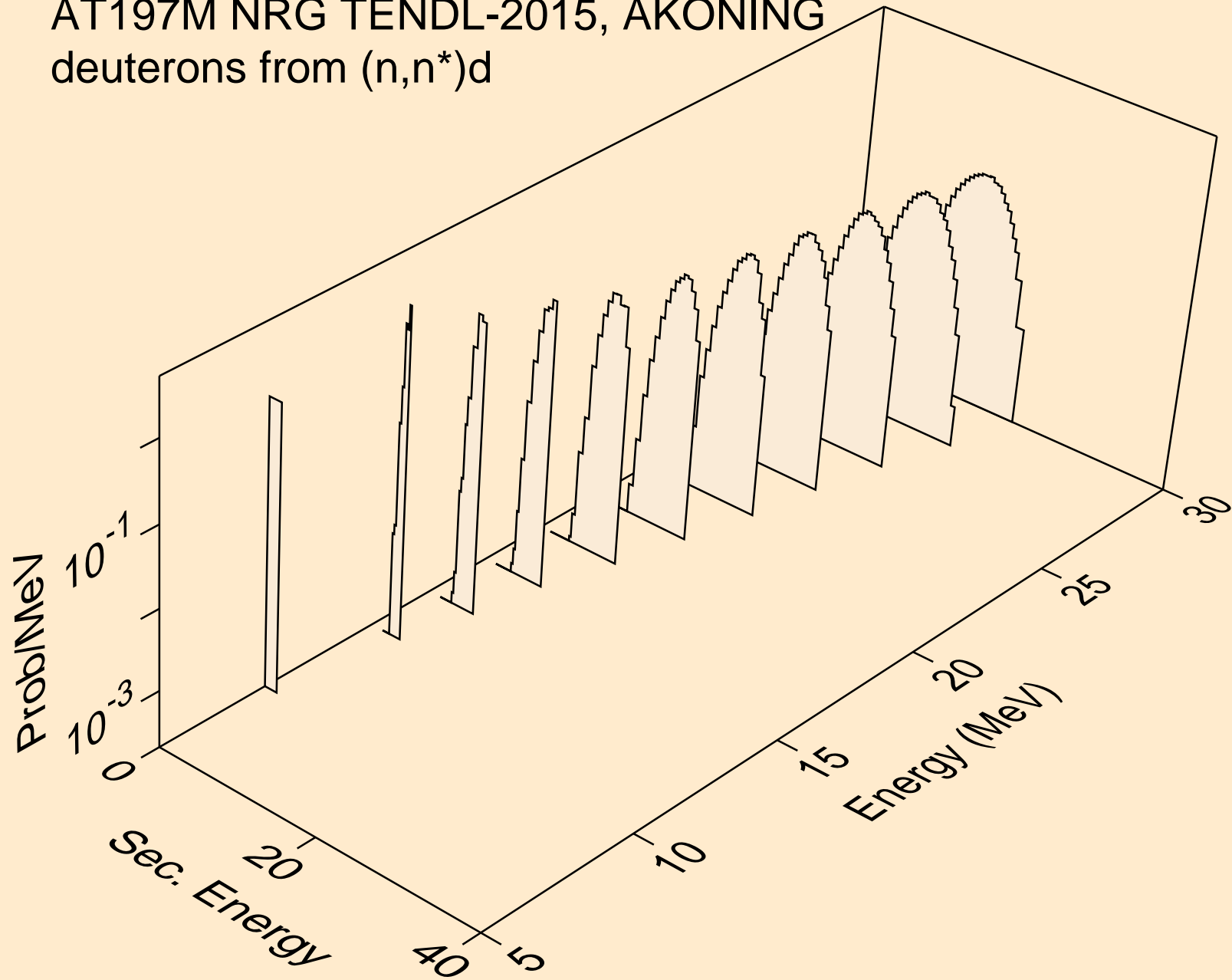
AT197M NRG TENDL-2015, AKONING  
deuterons from (n,x)



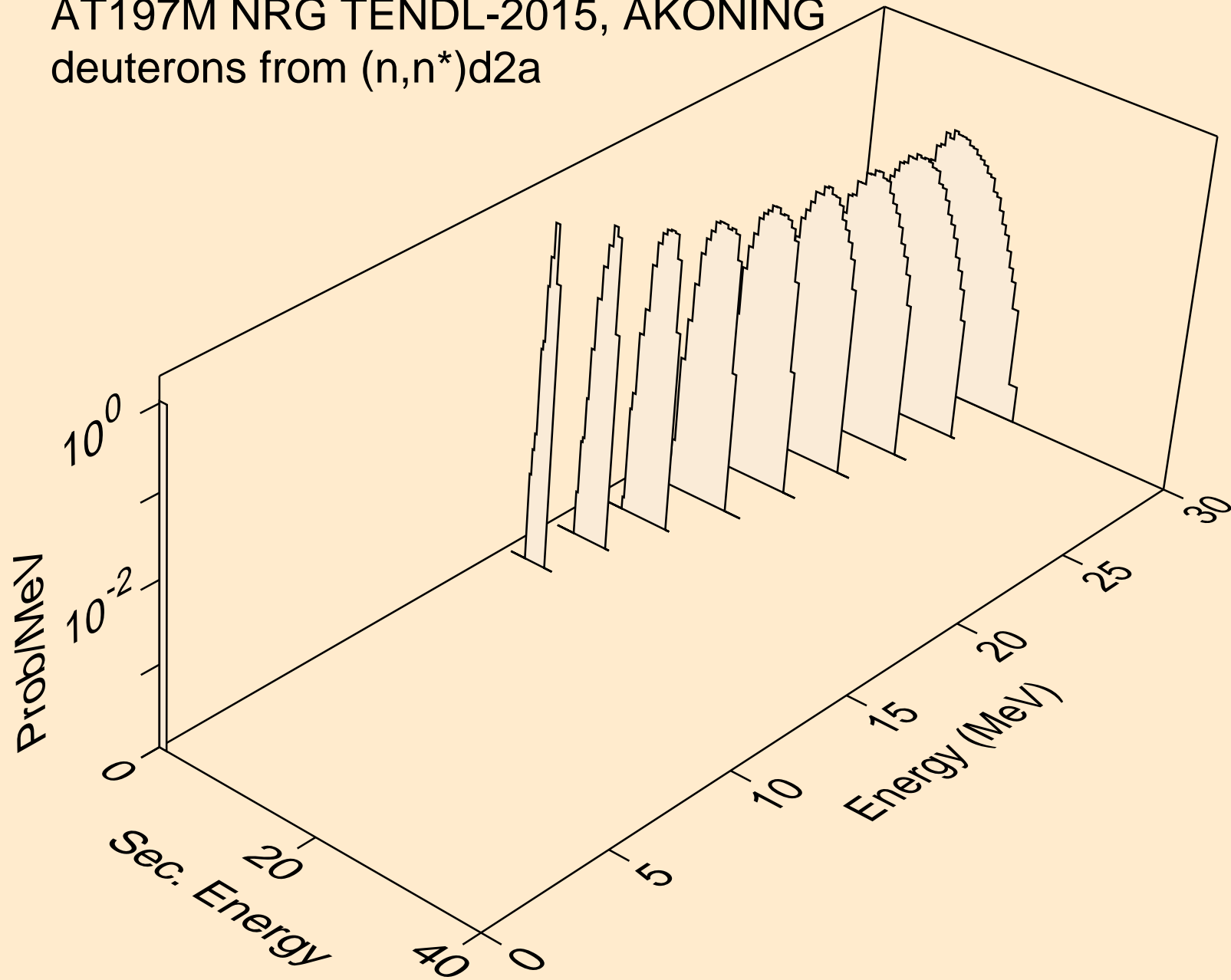
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deuterons from (n,2nd)



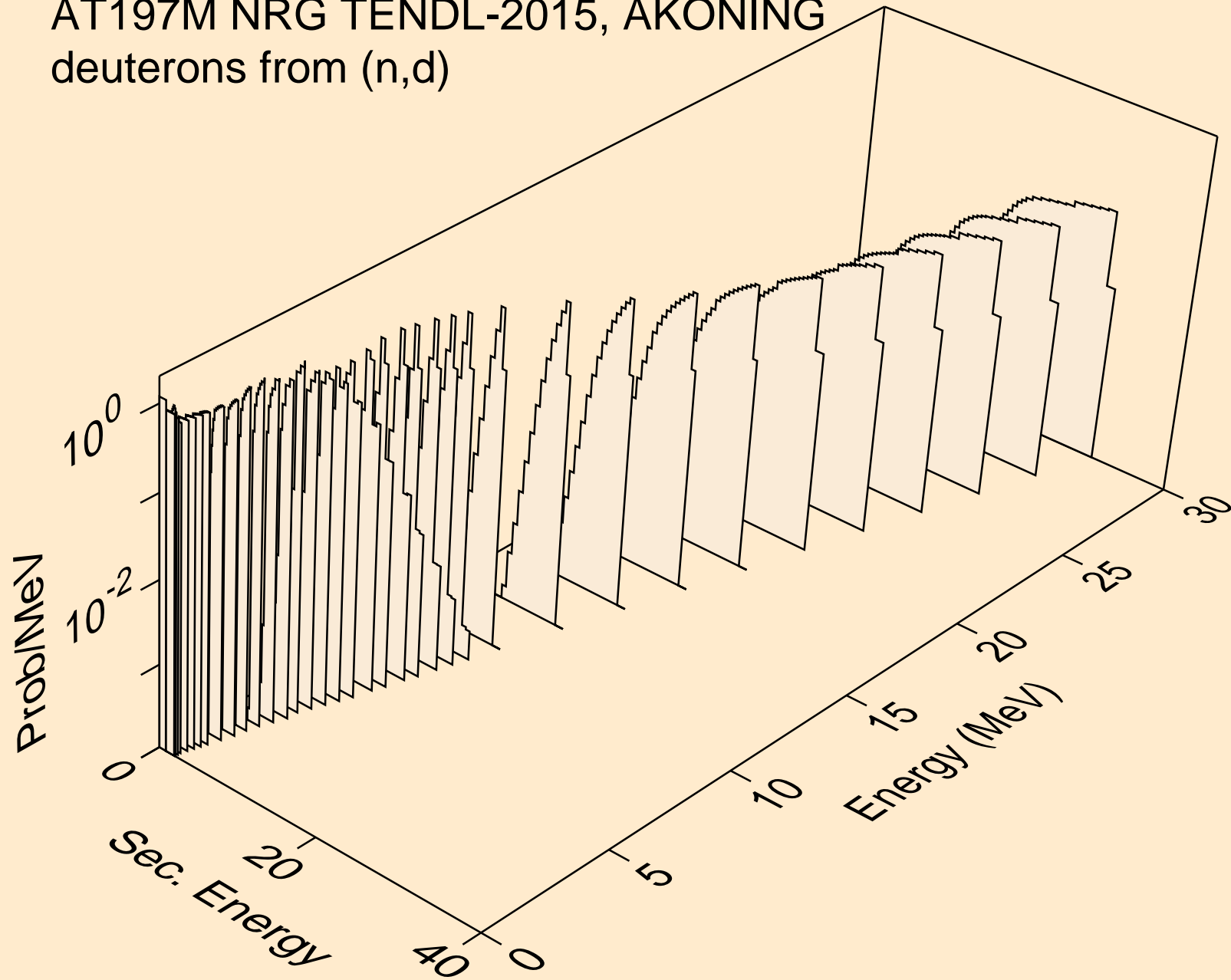
AT197M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



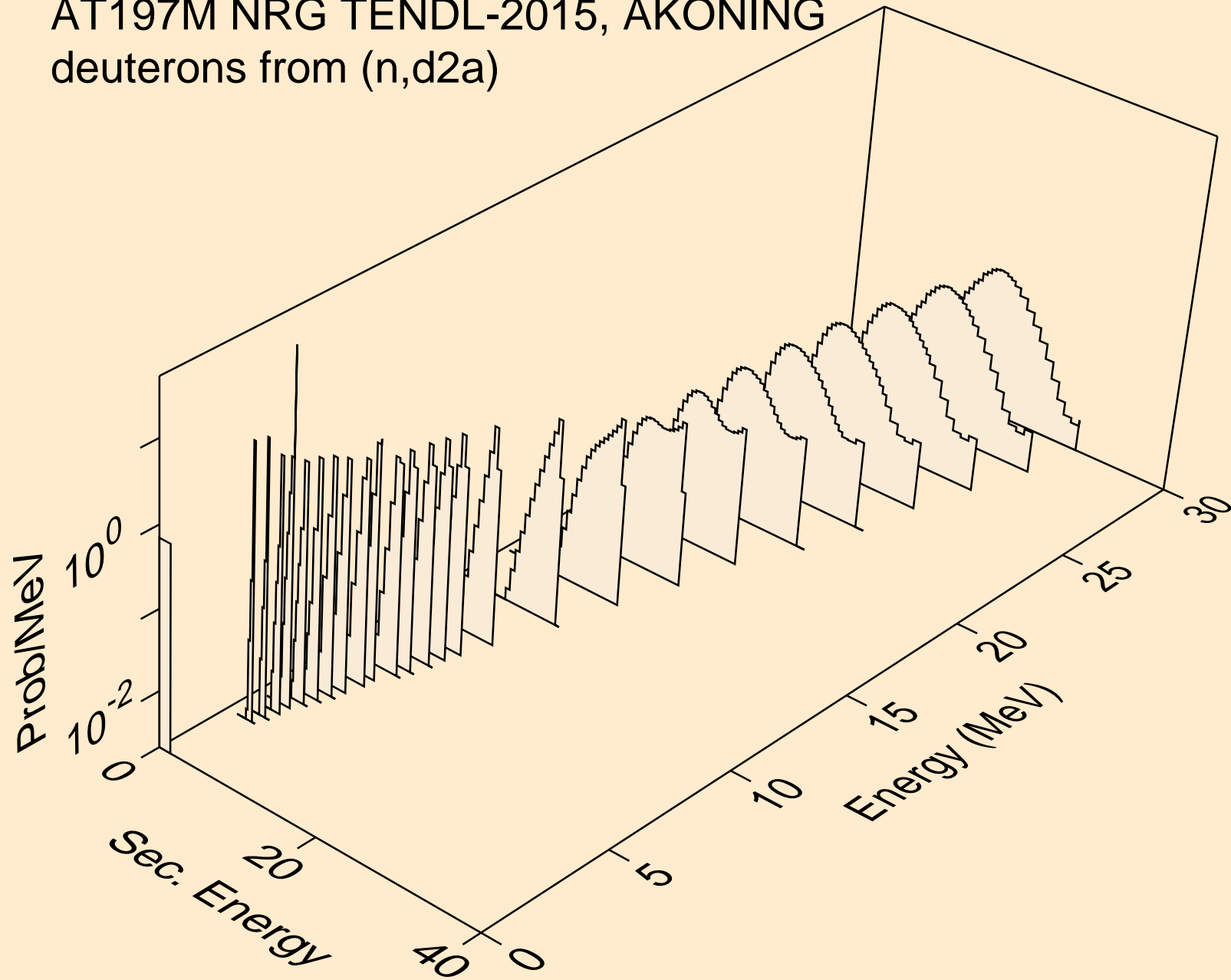
AT197M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



AT197M NRG TENDL-2015, AKONING  
deuterons from (n,d)

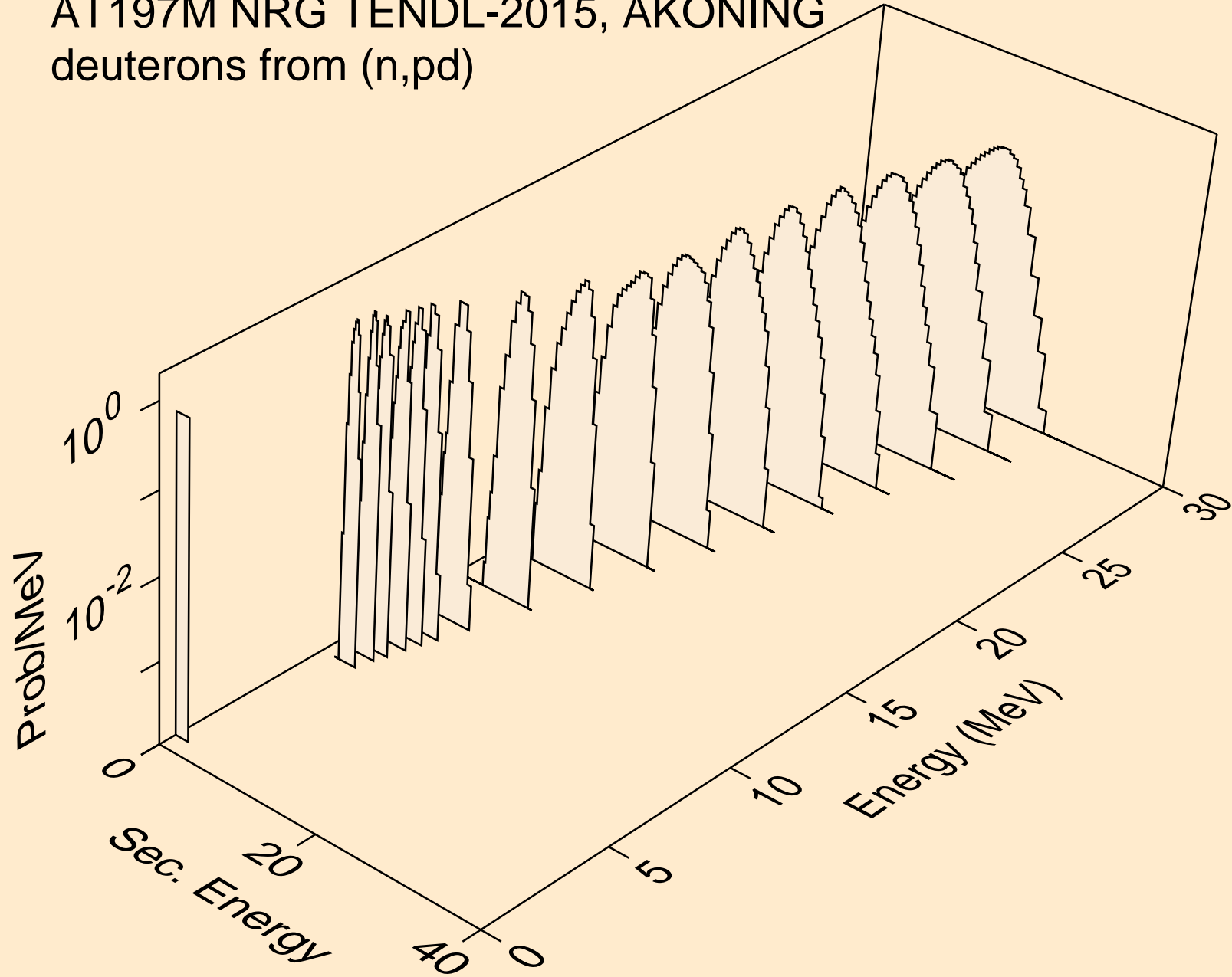


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deuterons from (n,d2a)

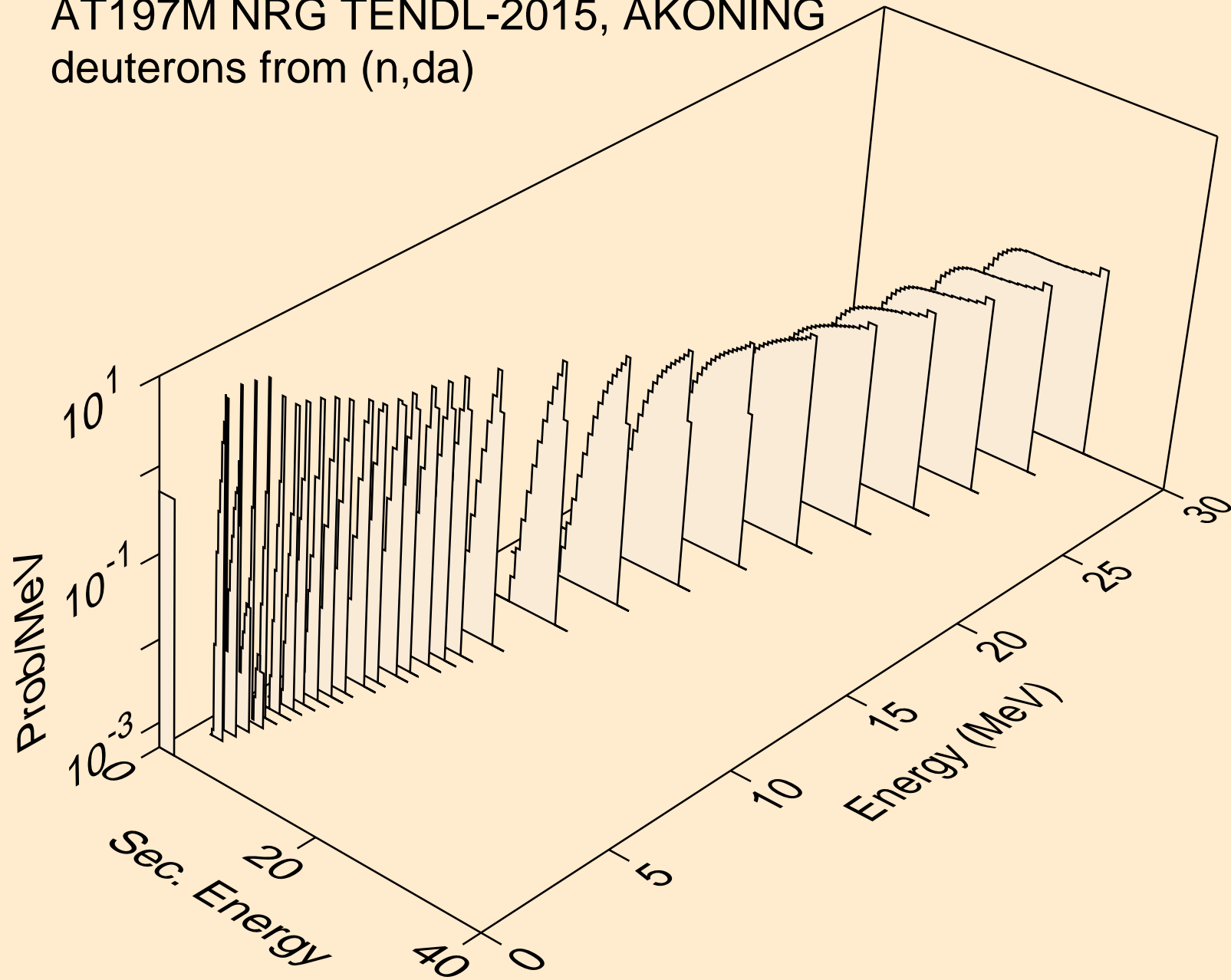




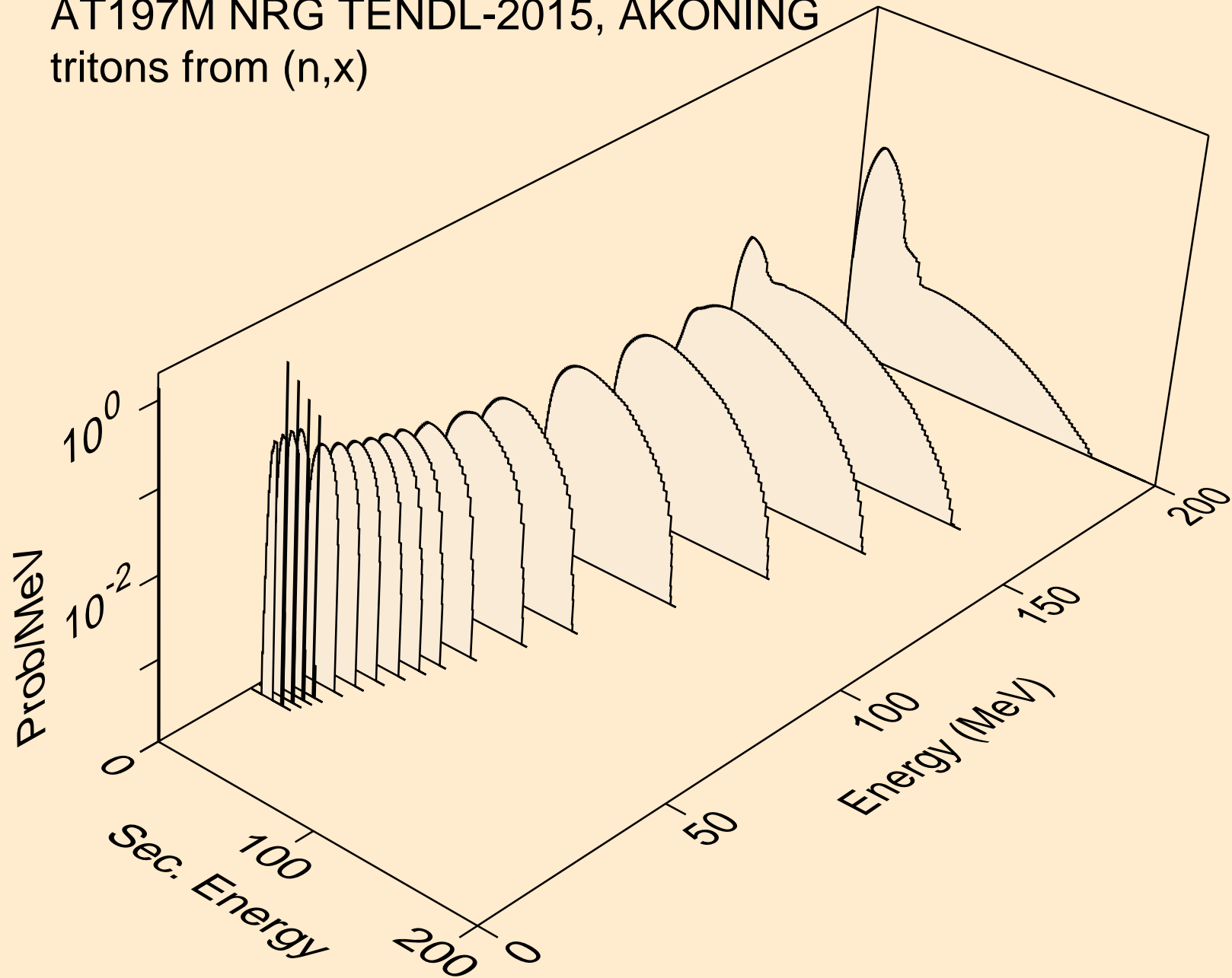
AT197M NRG TENDL-2015, AKONING  
deuterons from (n,pd)



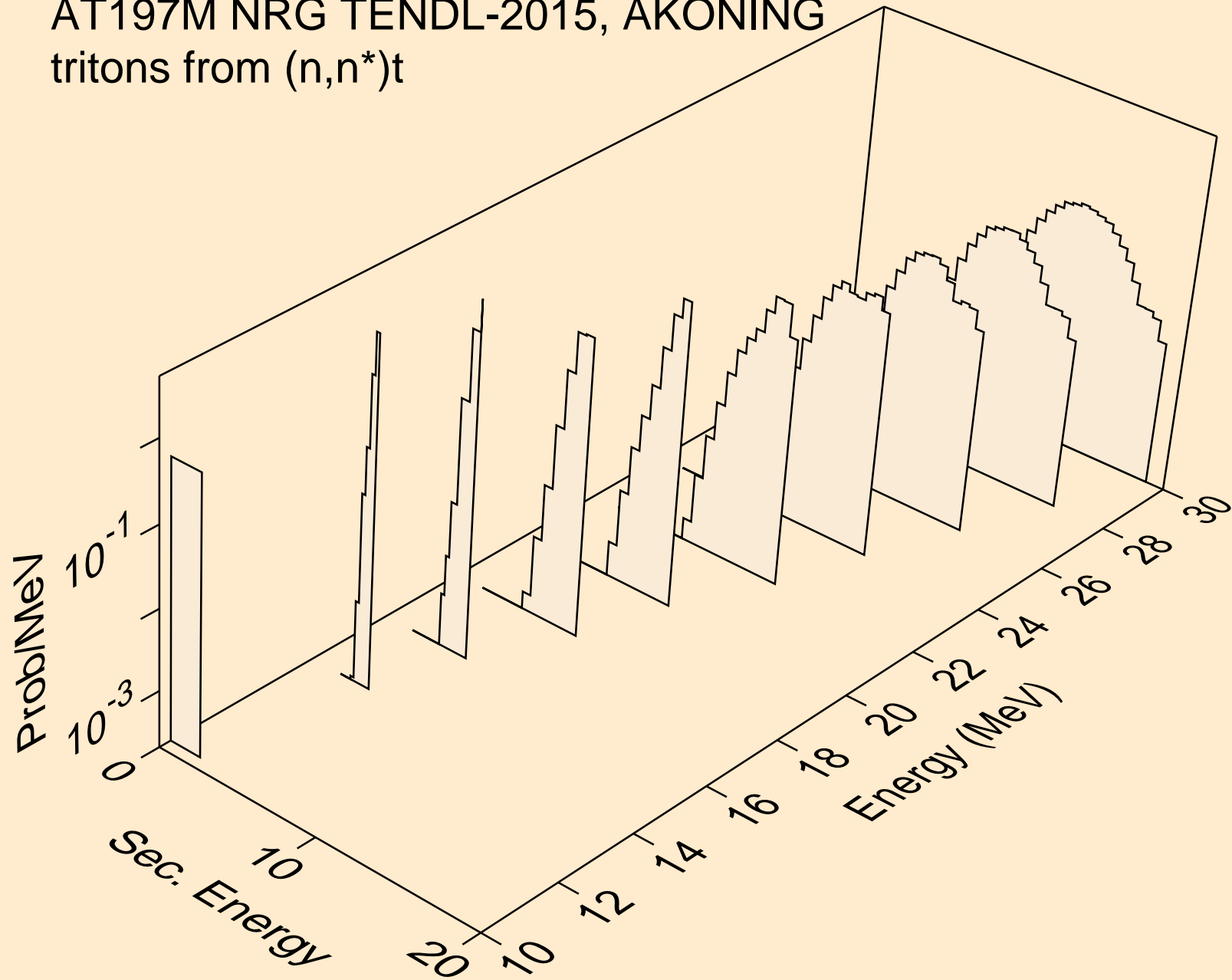
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deuterons from (n,da)



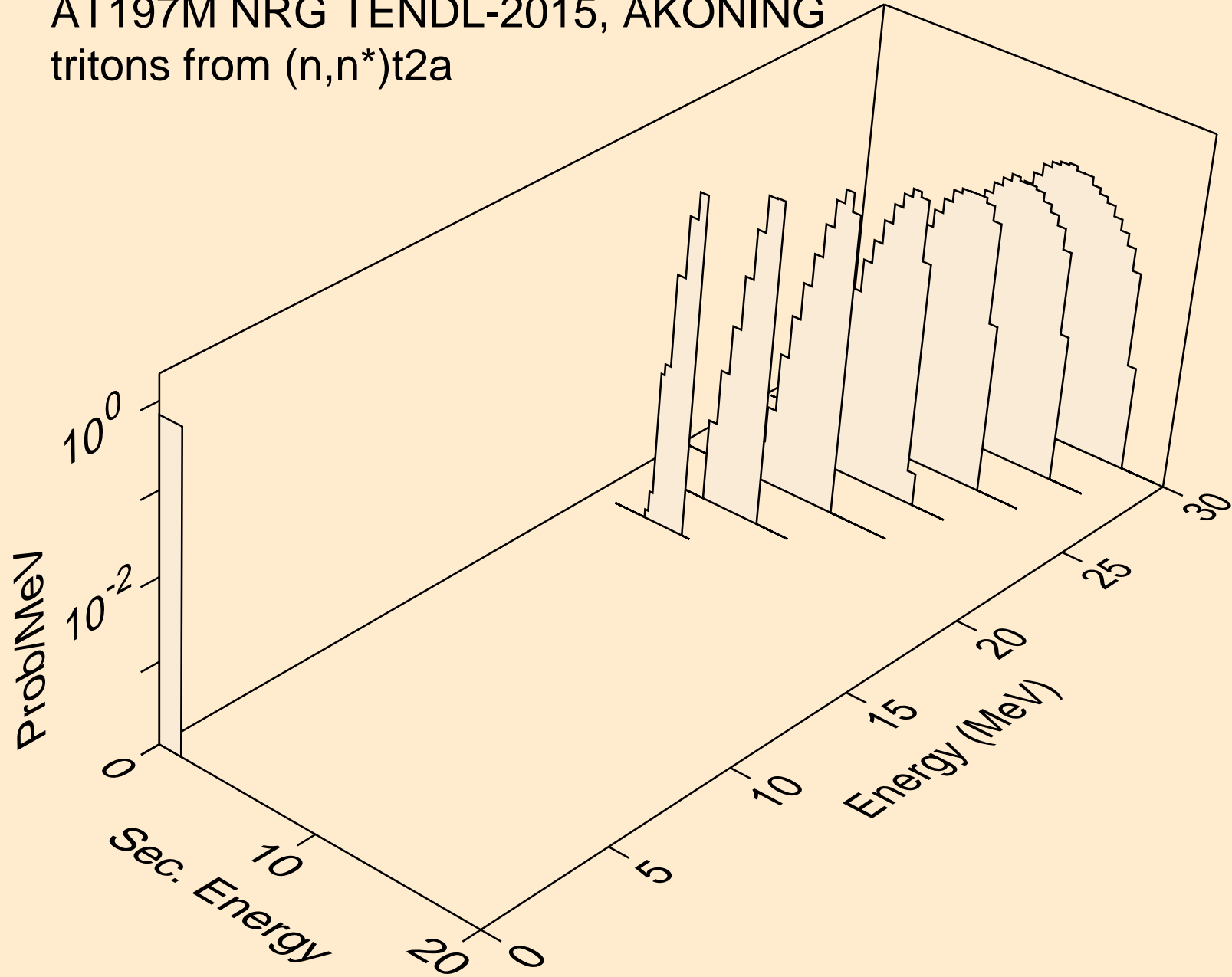
AT197M NRG TENDL-2015, AKONING  
tritons from (n,x)



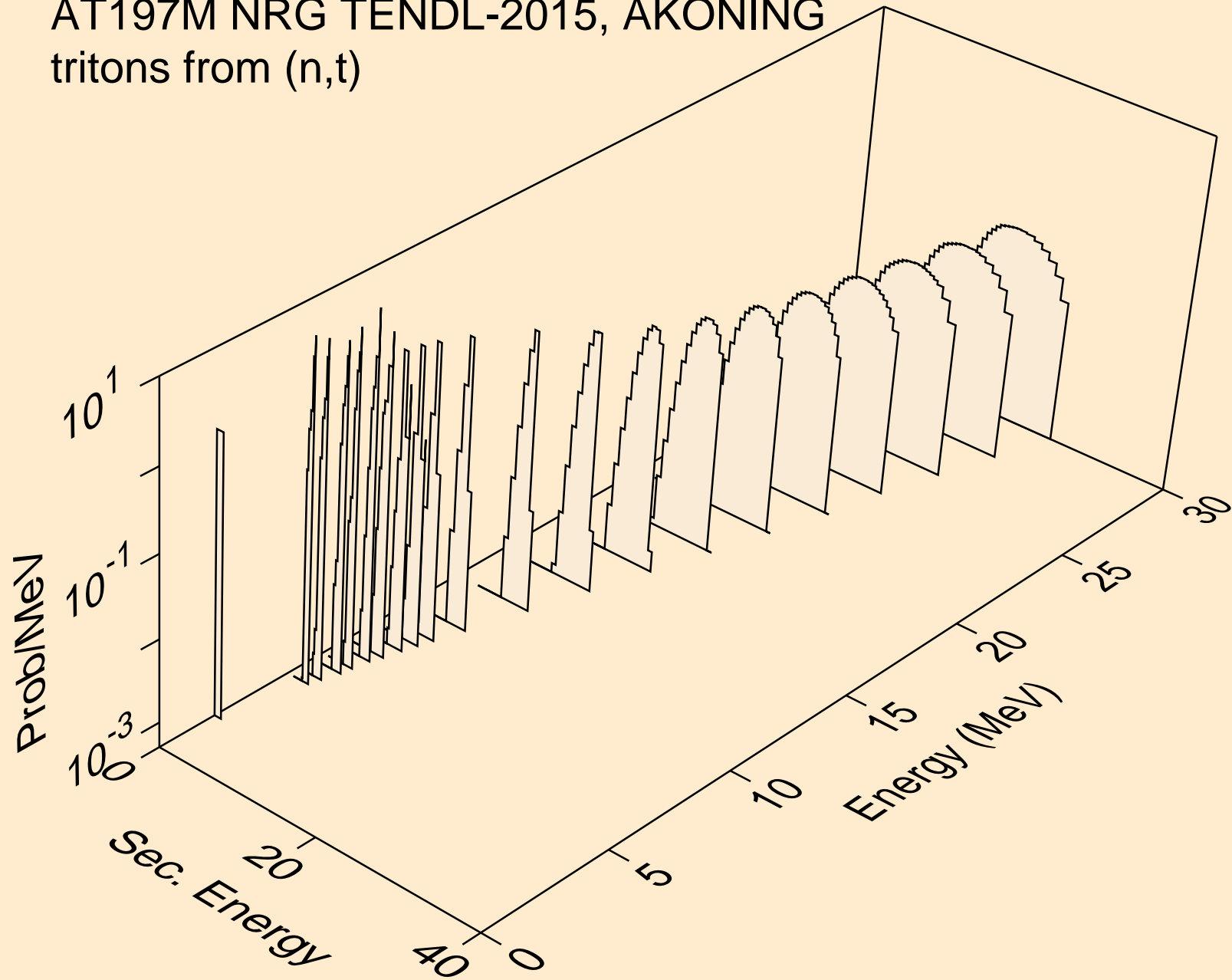
AT197M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



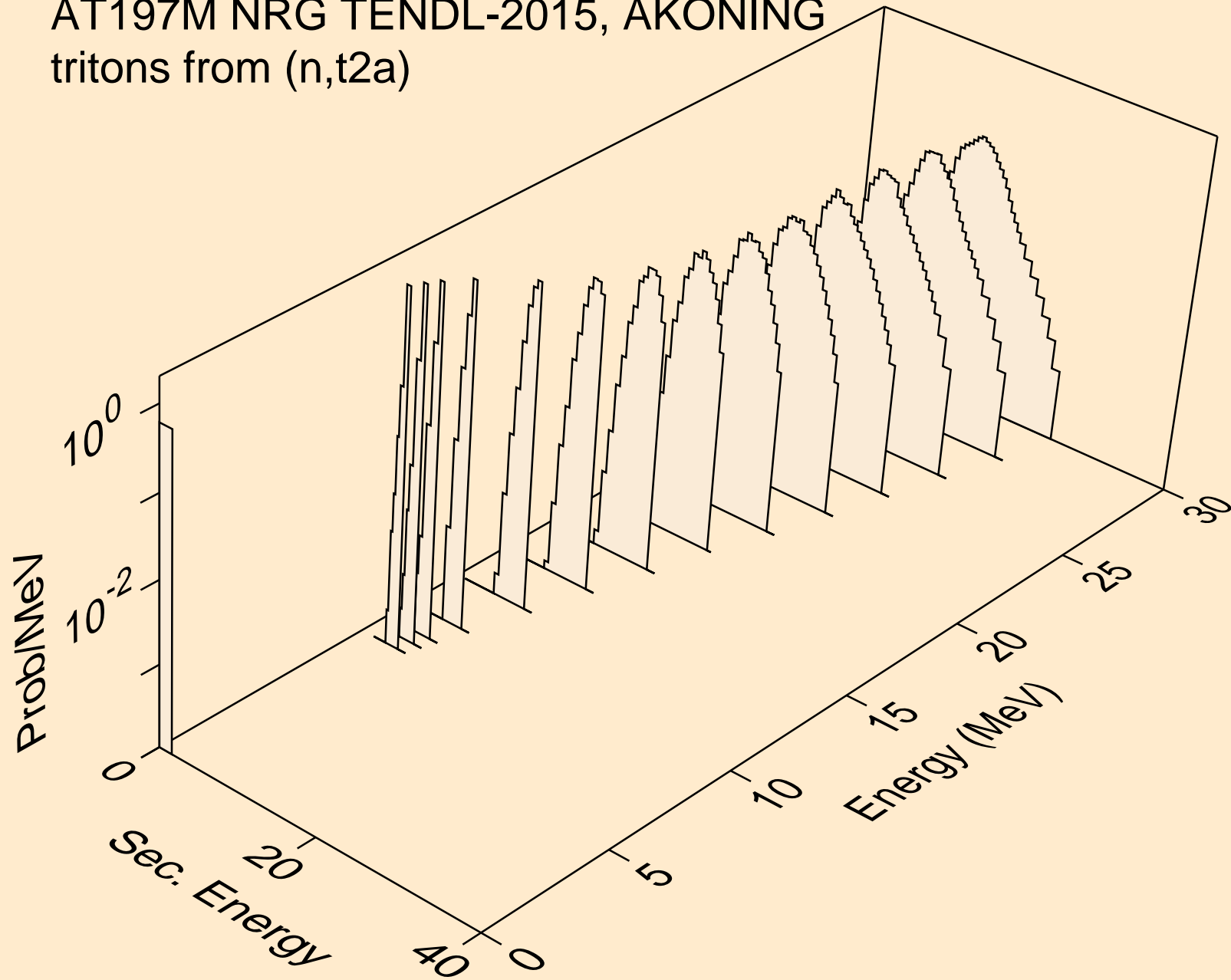
AT197M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t2a



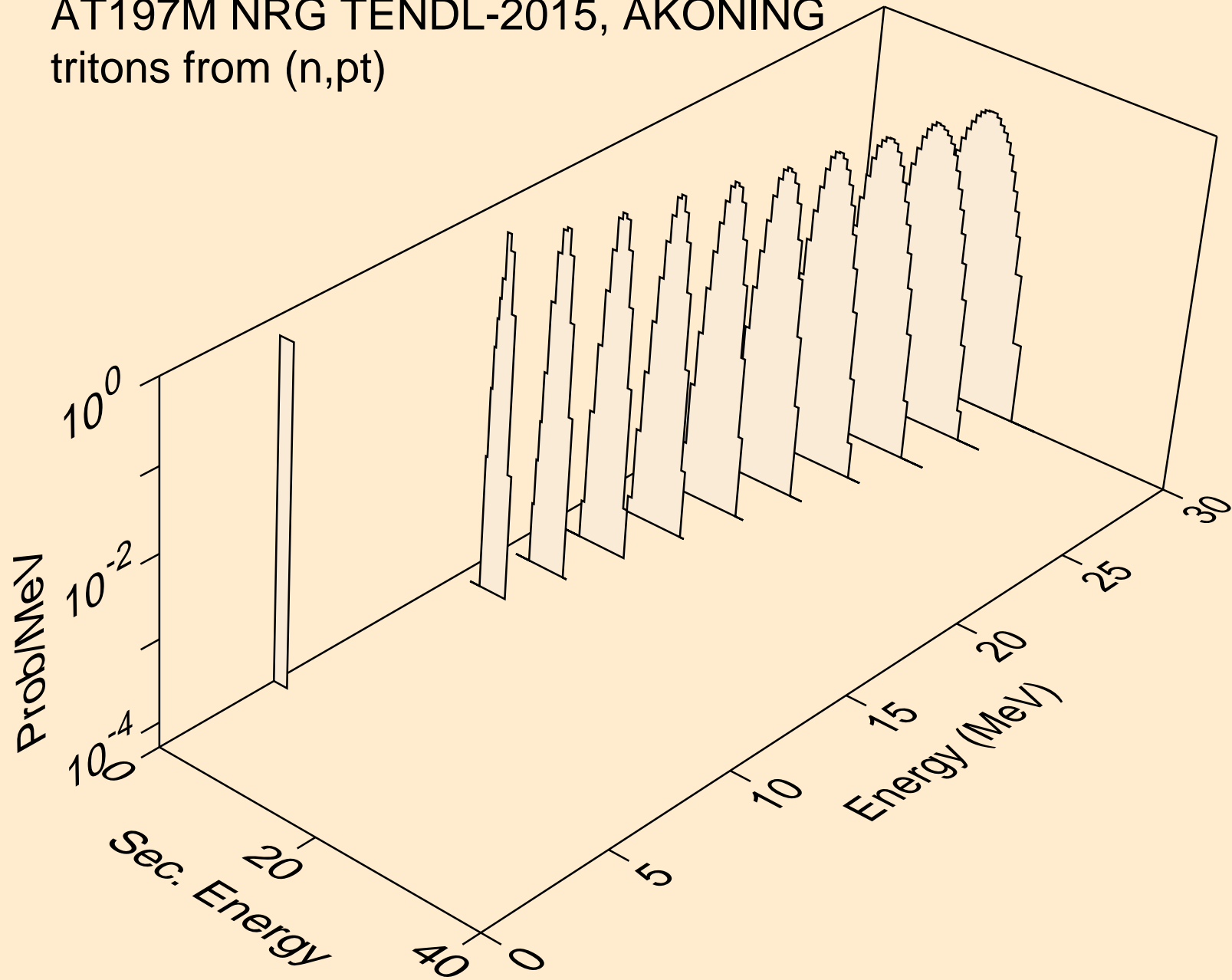
AT197M NRG TENDL-2015, AKONING  
tritons from (n,t)



AT197M NRG TENDL-2015, AKONING  
tritons from (n,t2a)

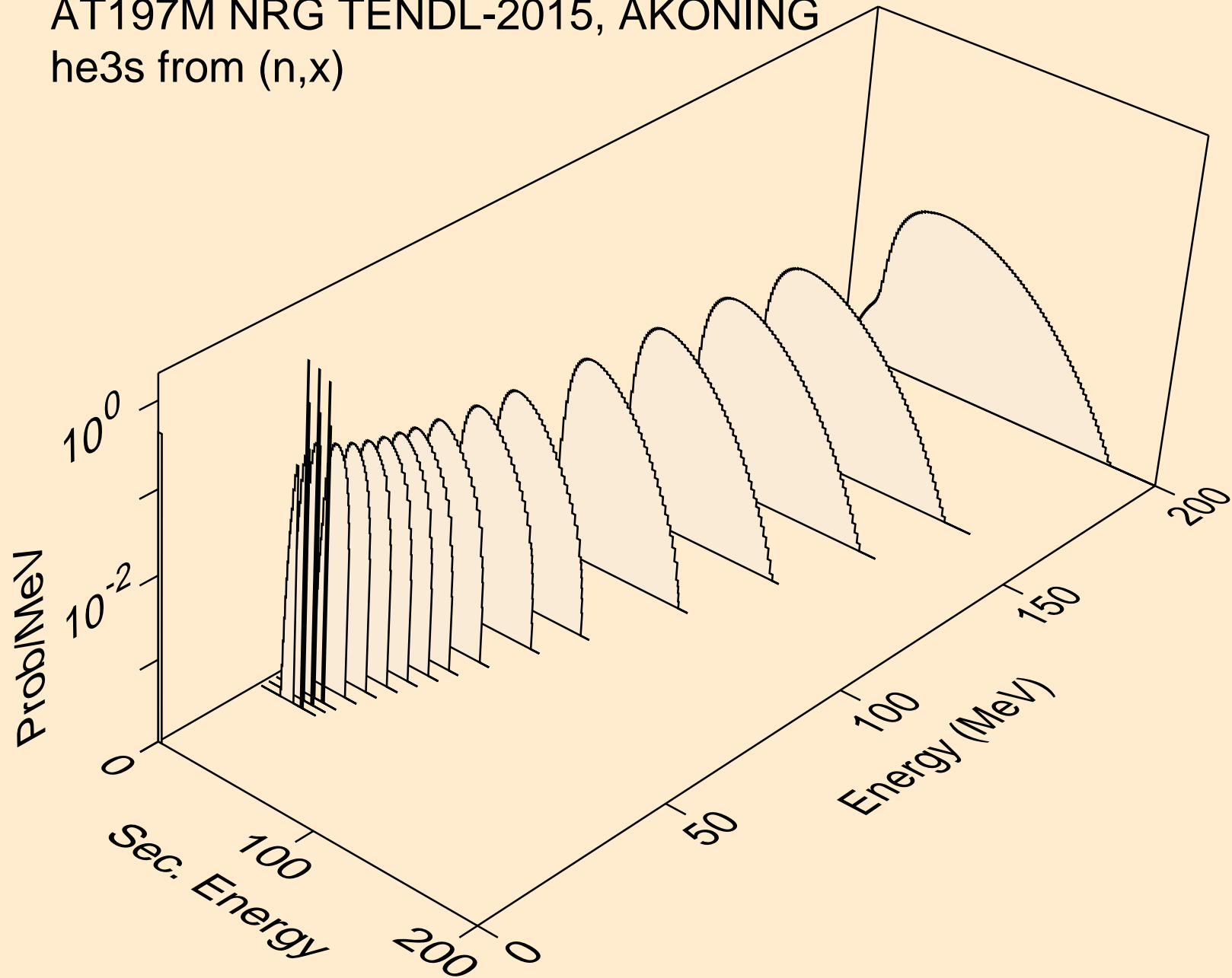


AT197M NRG TENDL-2015, AKONING  
tritons from (n,pt)

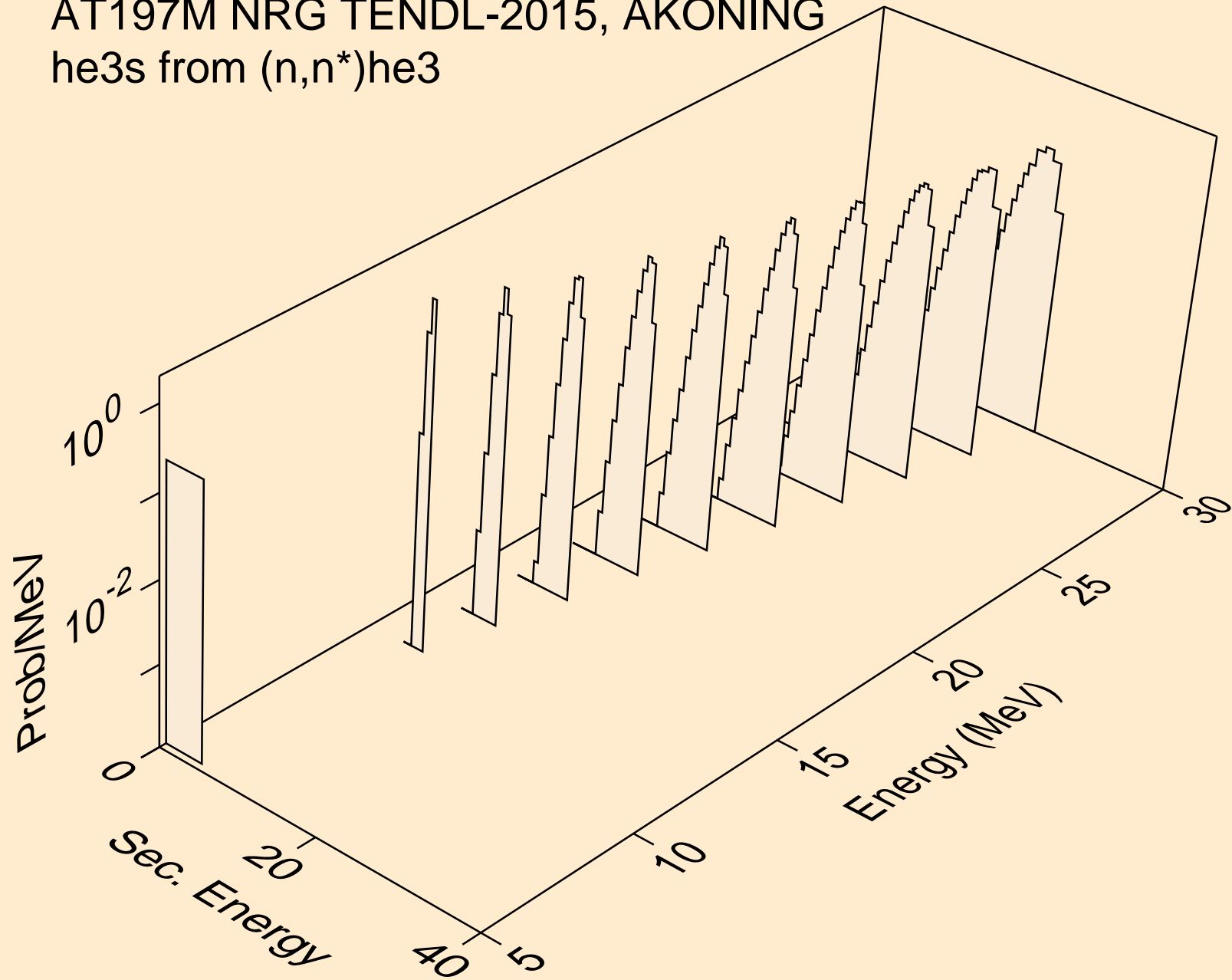




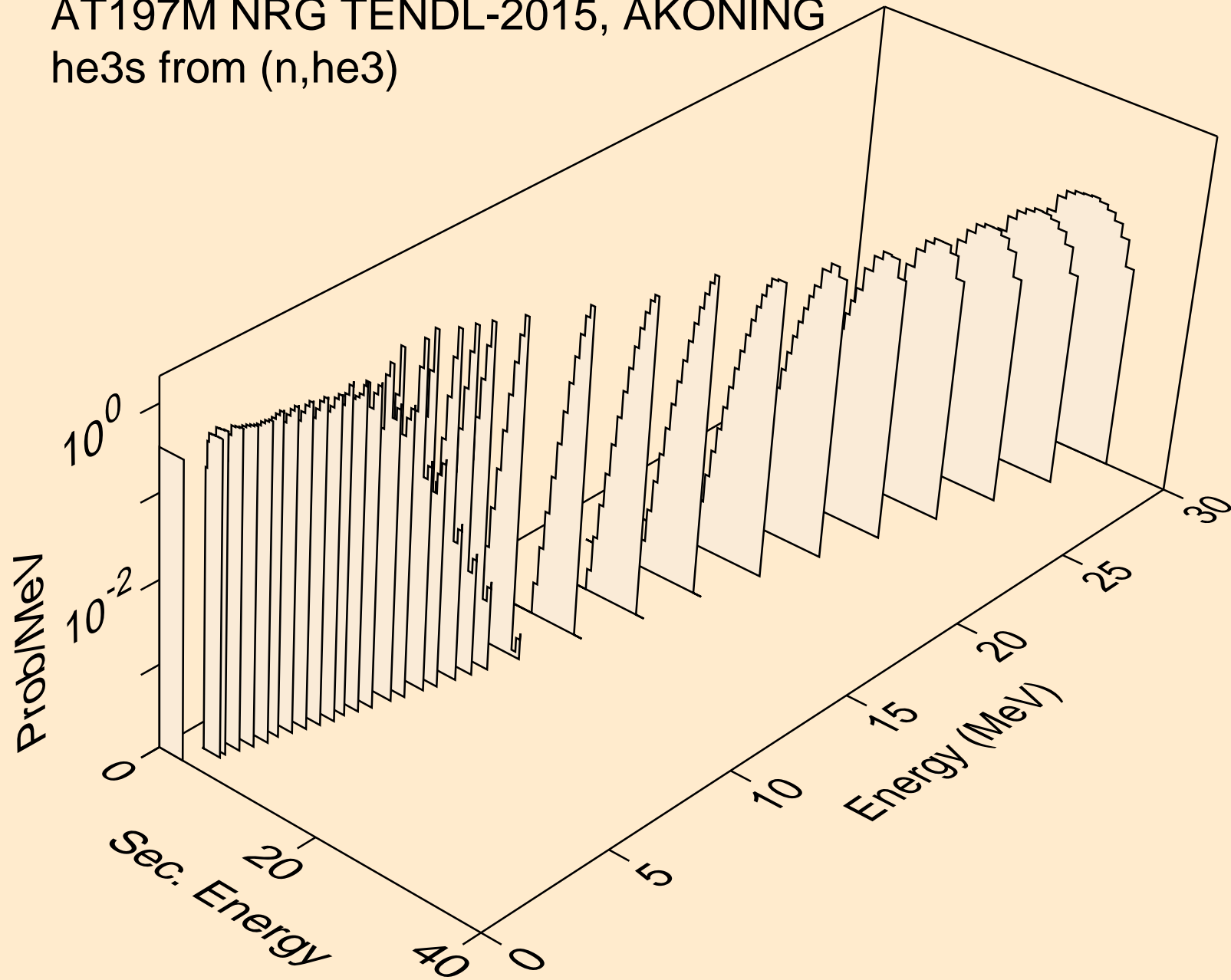
AT197M NRG TENDL-2015, AKONING  
he3s from (n,x)



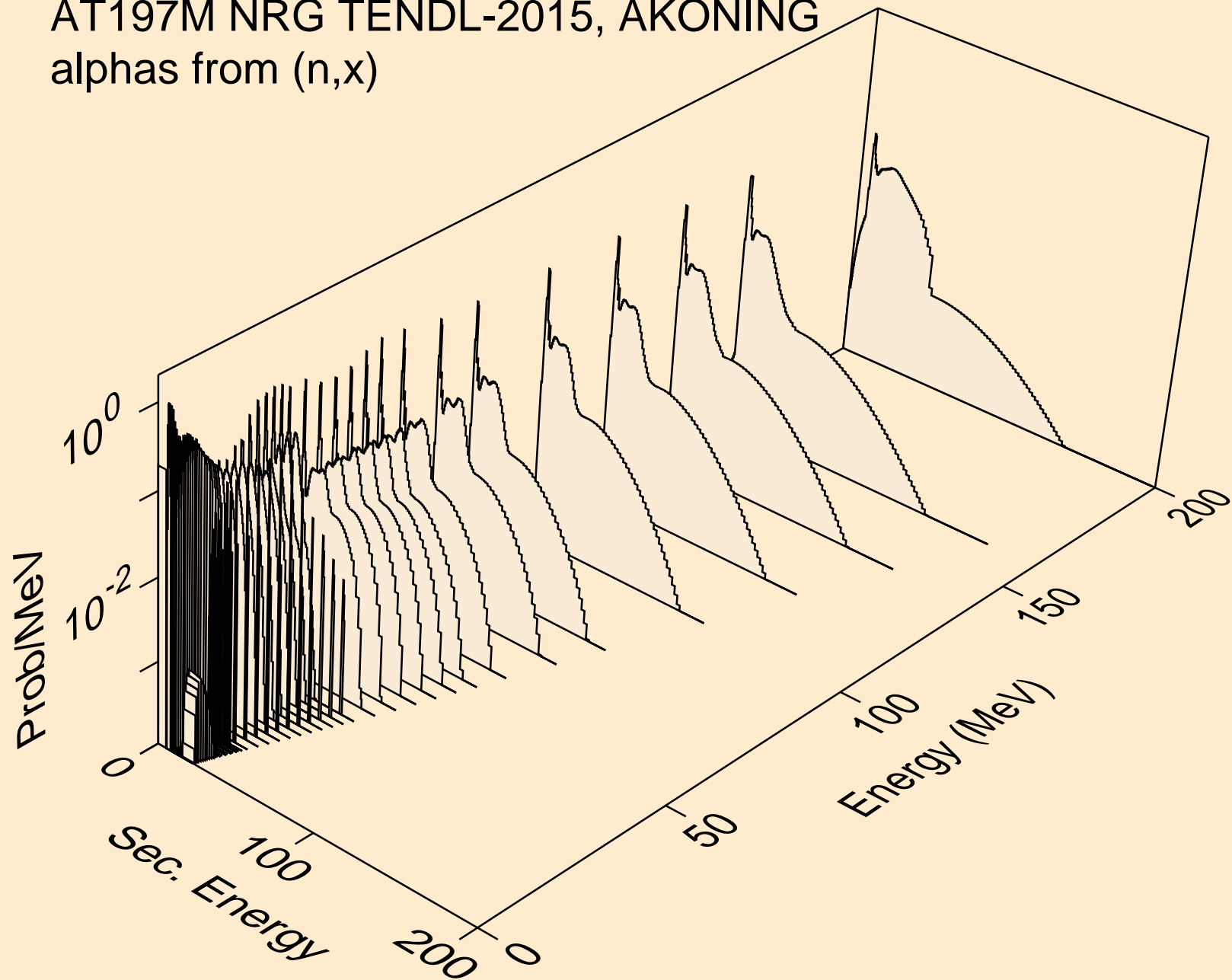
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he3s from (n,n\*)he3



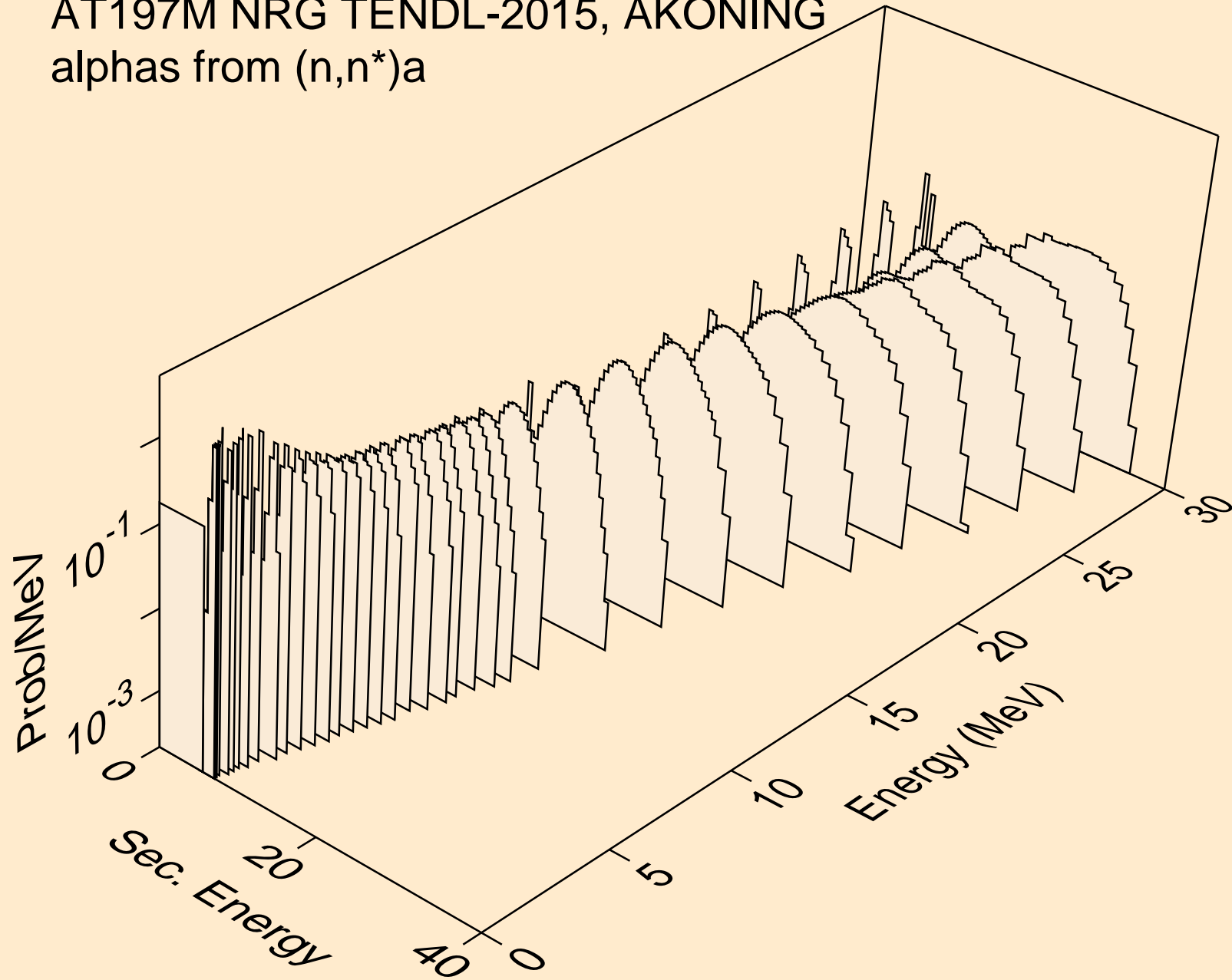
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he3s from (n,he3)



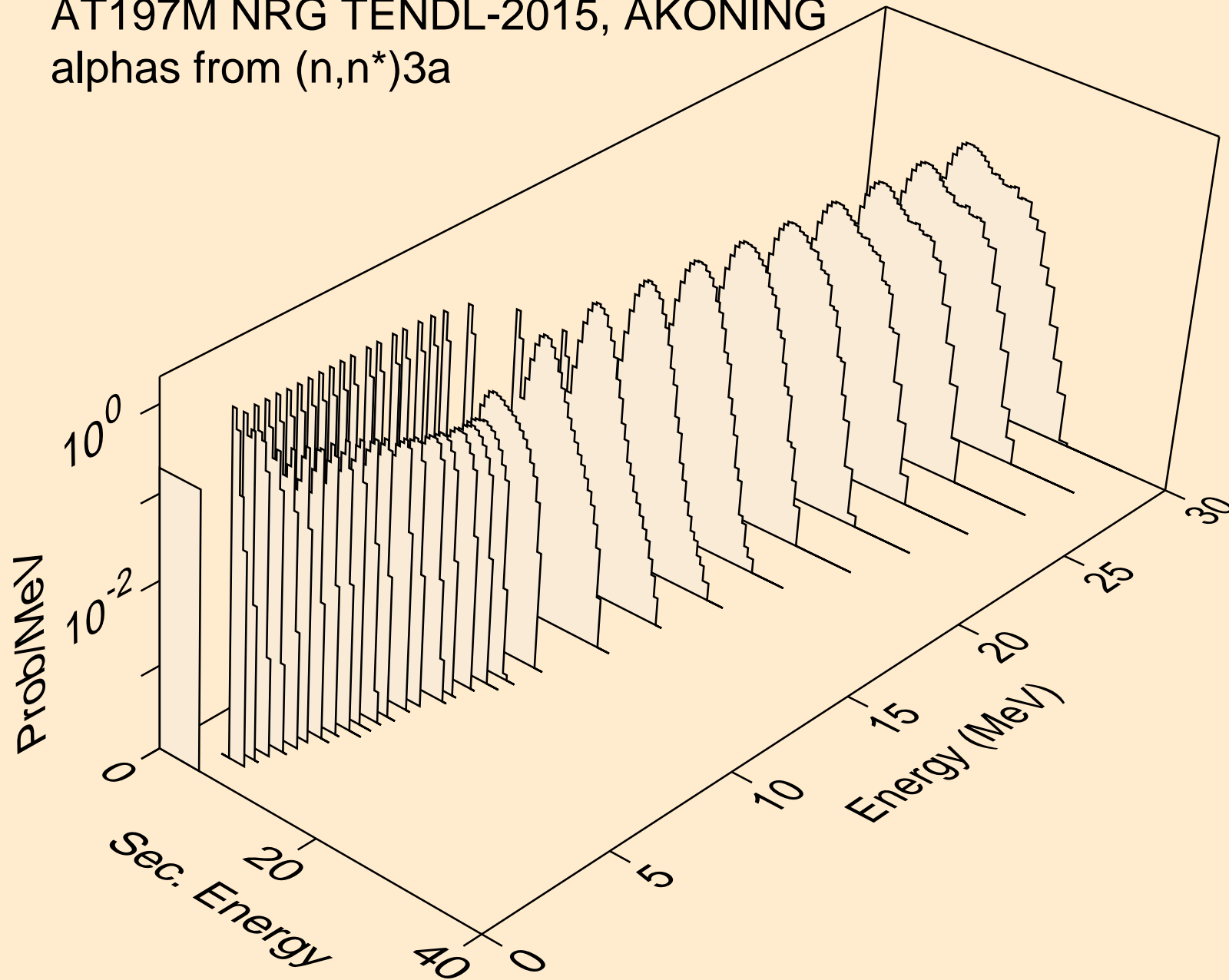
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alphas from (n,x)



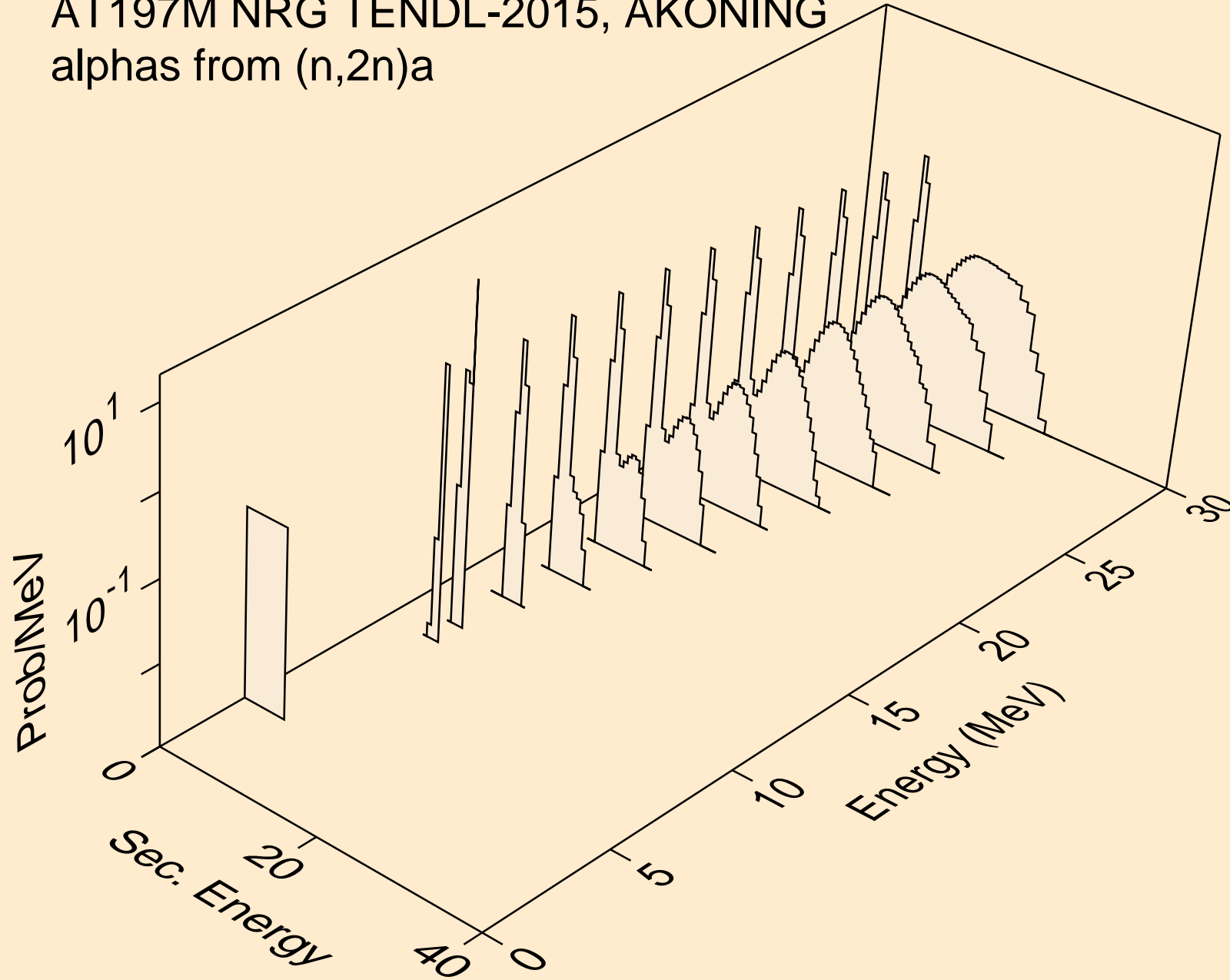
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alphas from (n,n\*)a



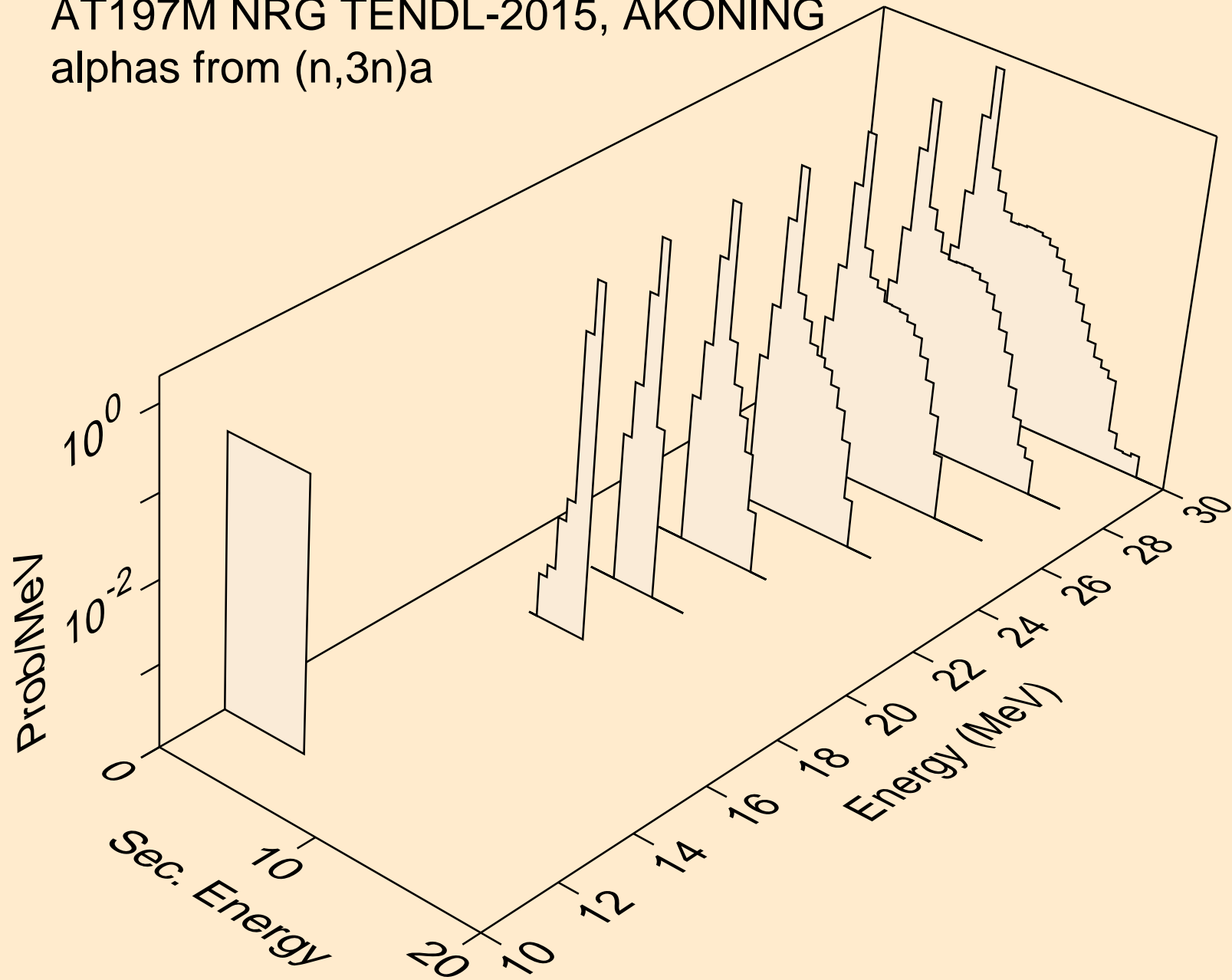
AT197M NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



AT197M NRG TENDL-2015, AKONING  
alphas from (n,2n)a

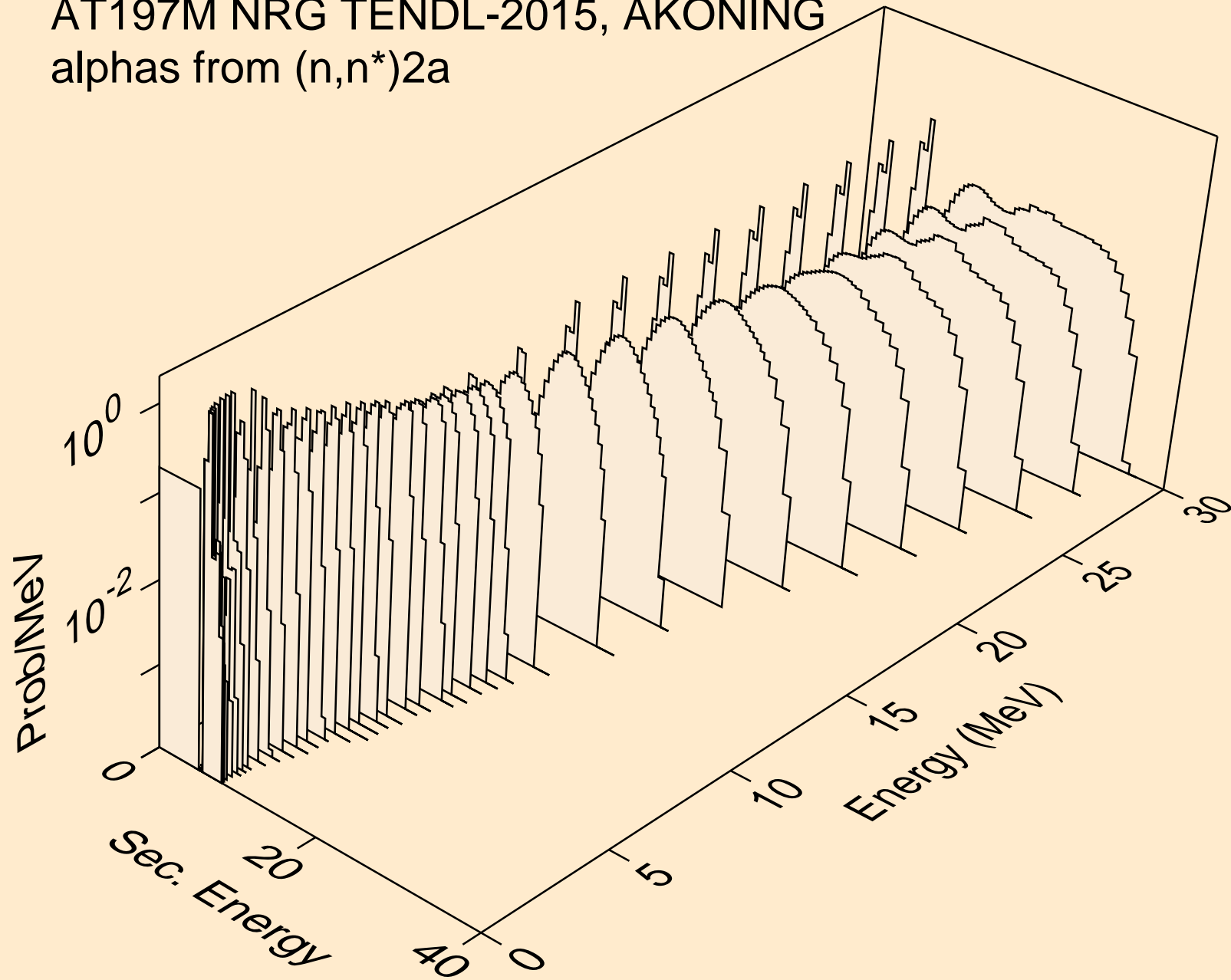


AT197M NRG TENDL-2015, AKONING  
alphas from (n,3n)a

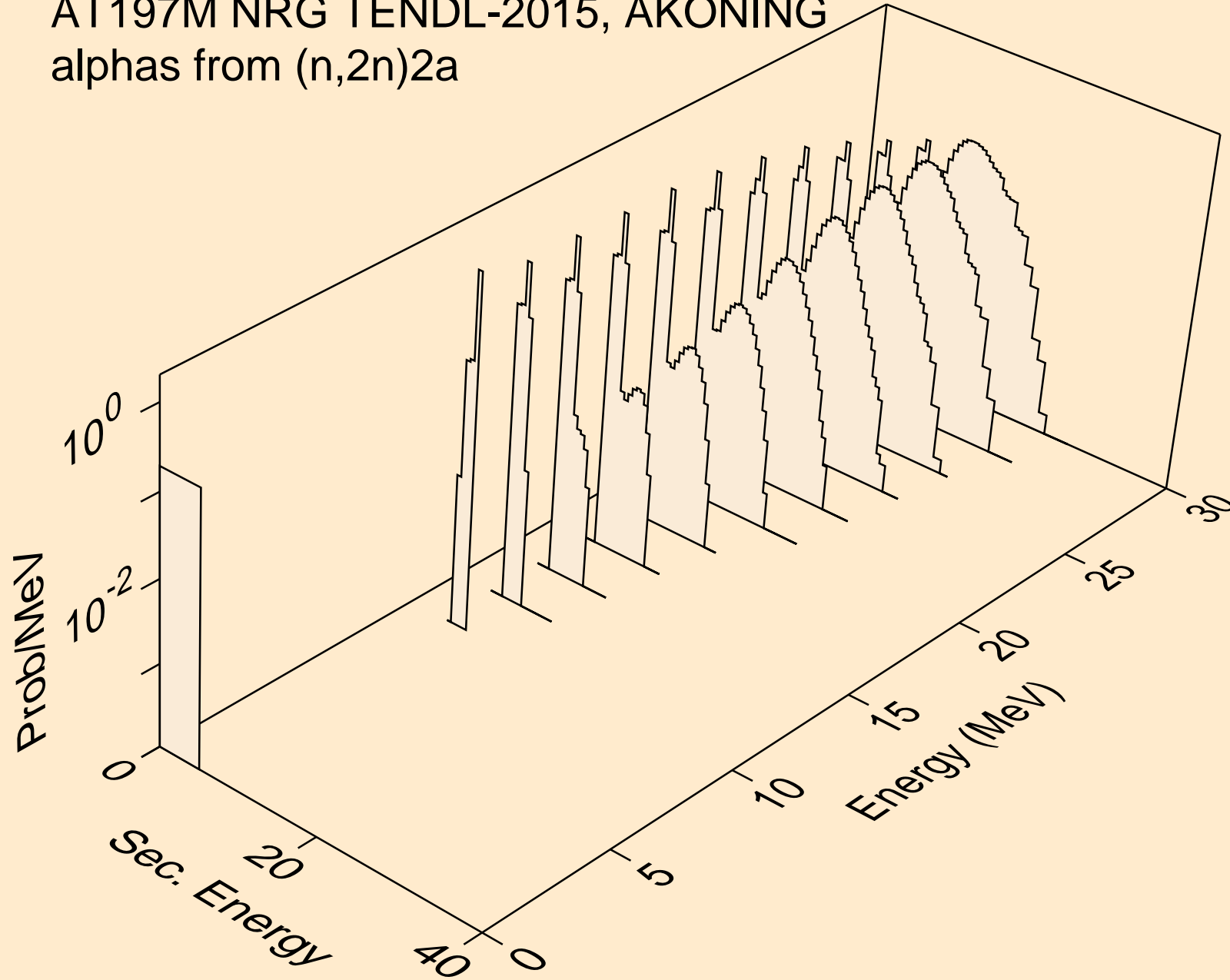




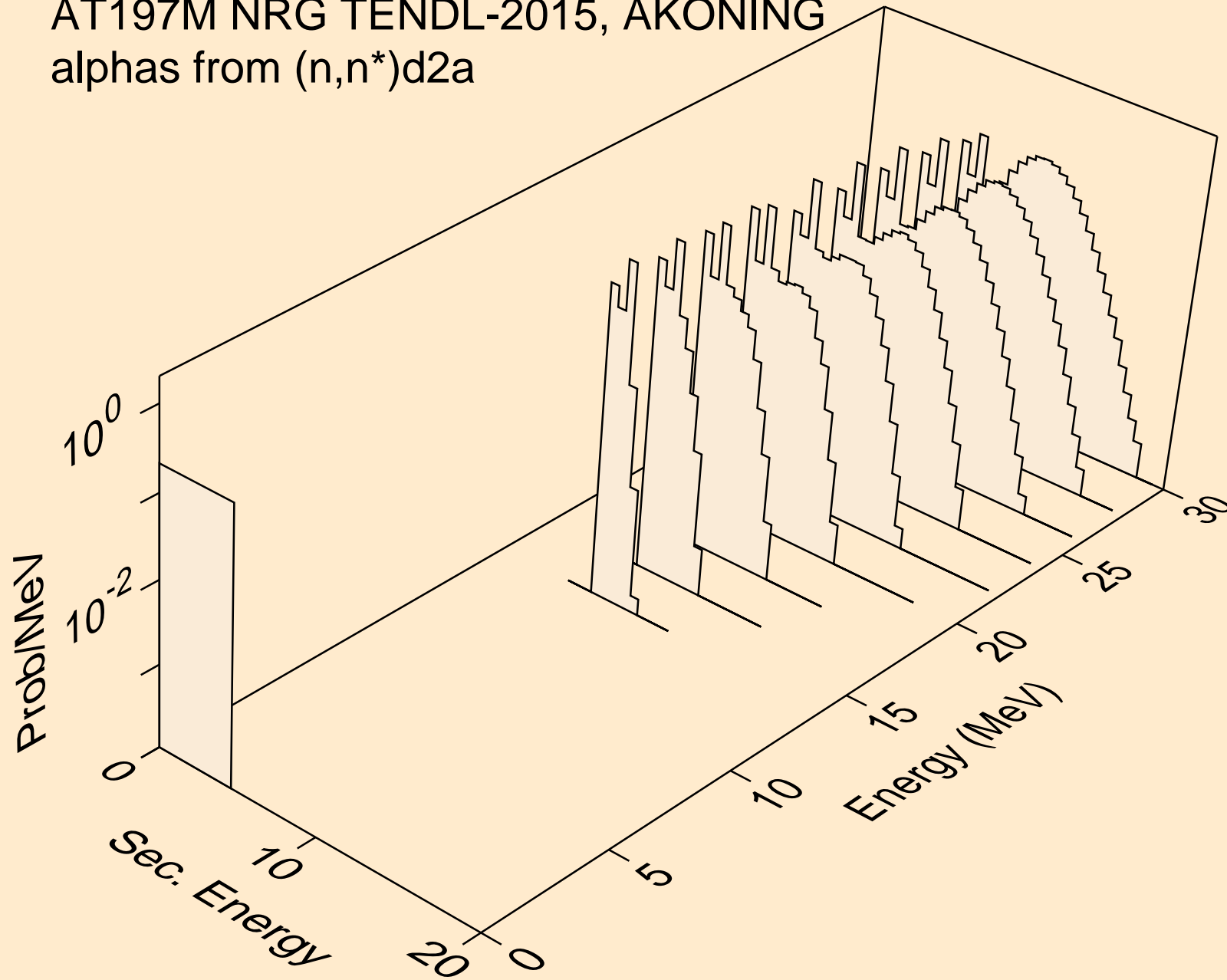
AT197M NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



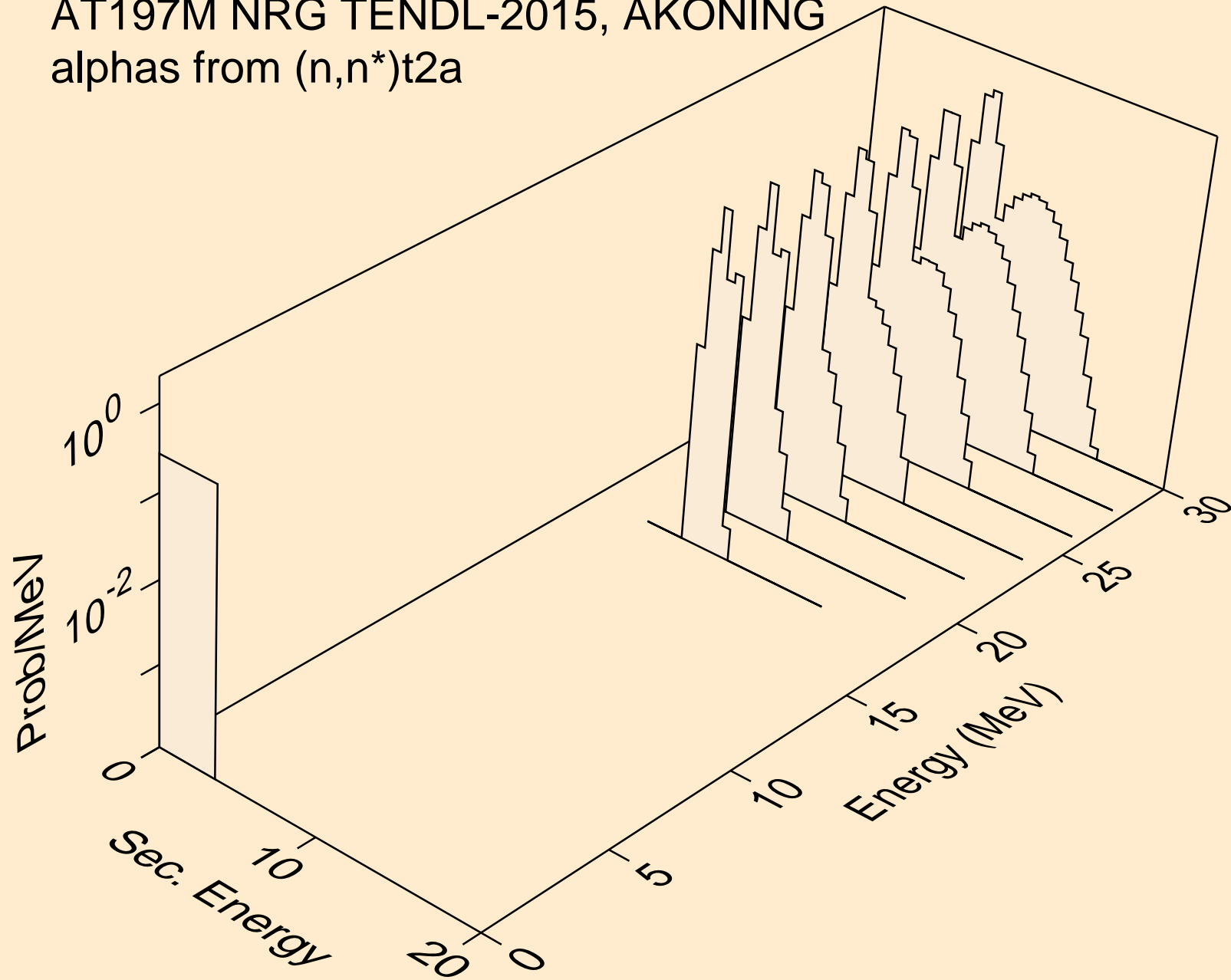
AT197M NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



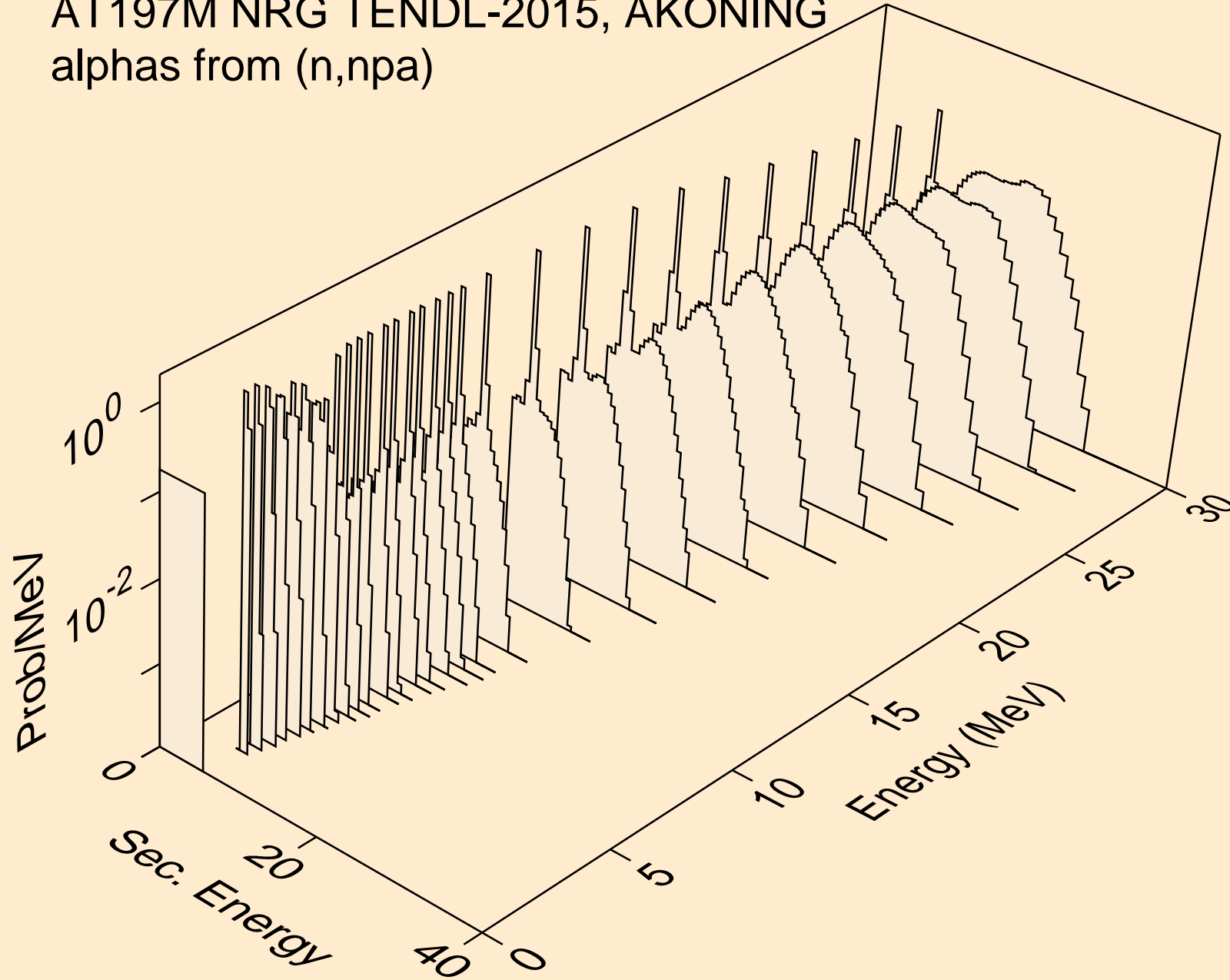
AT197M NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a



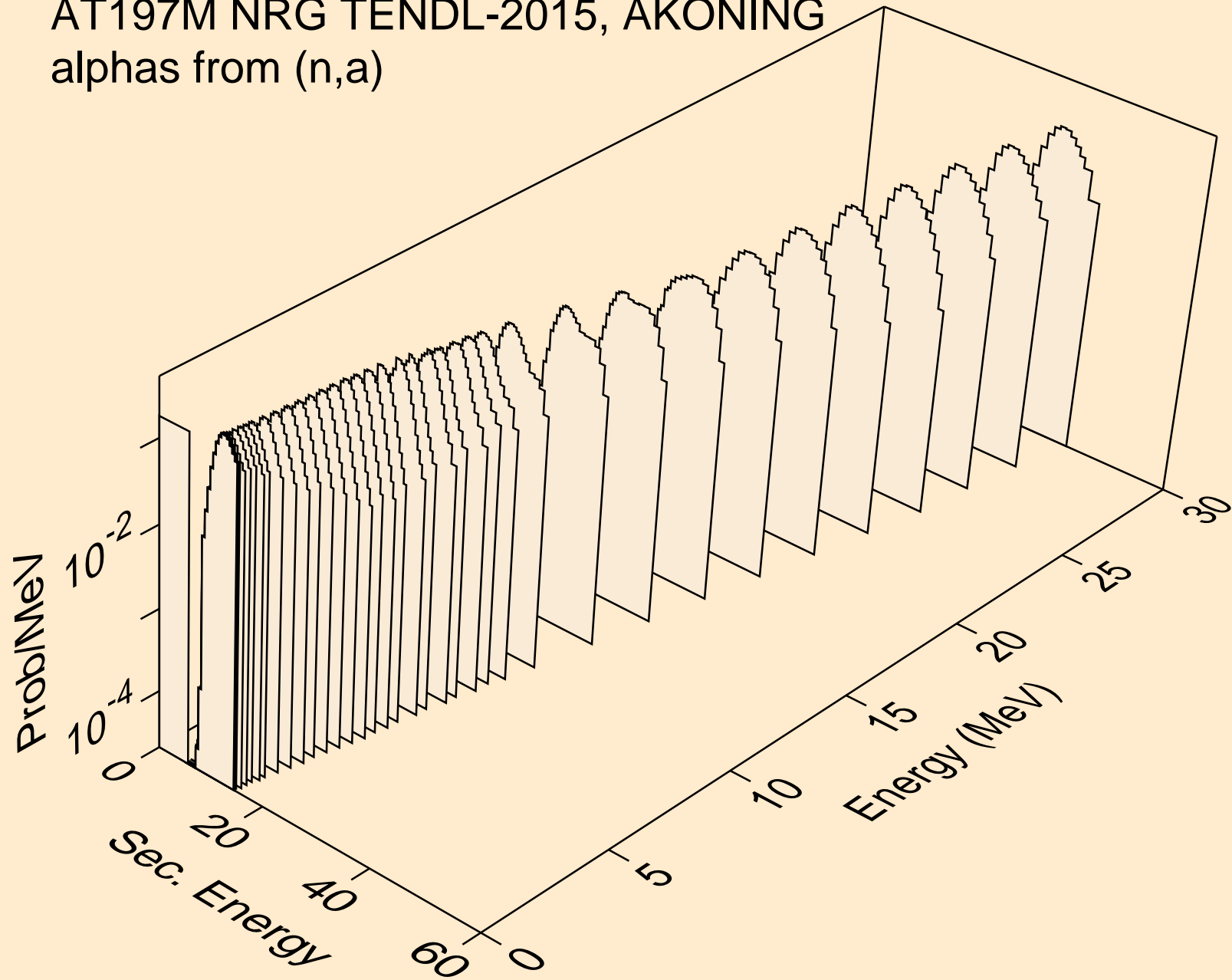
AT197M NRG TENDL-2015, AKONING  
alphas from (n,n\*)t2a



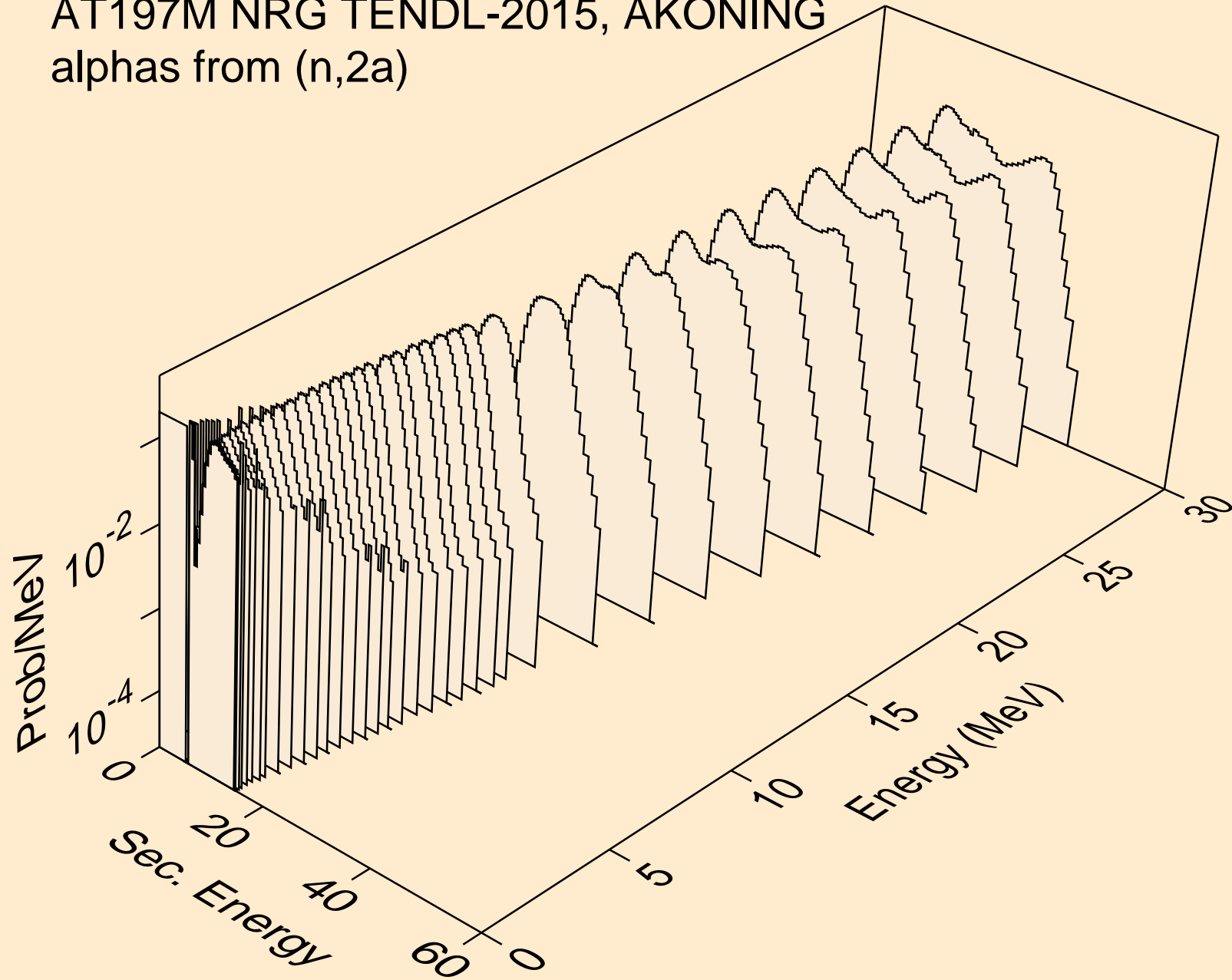
AT197M NRG TENDL-2015, AKONING  
alphas from (n,npa)



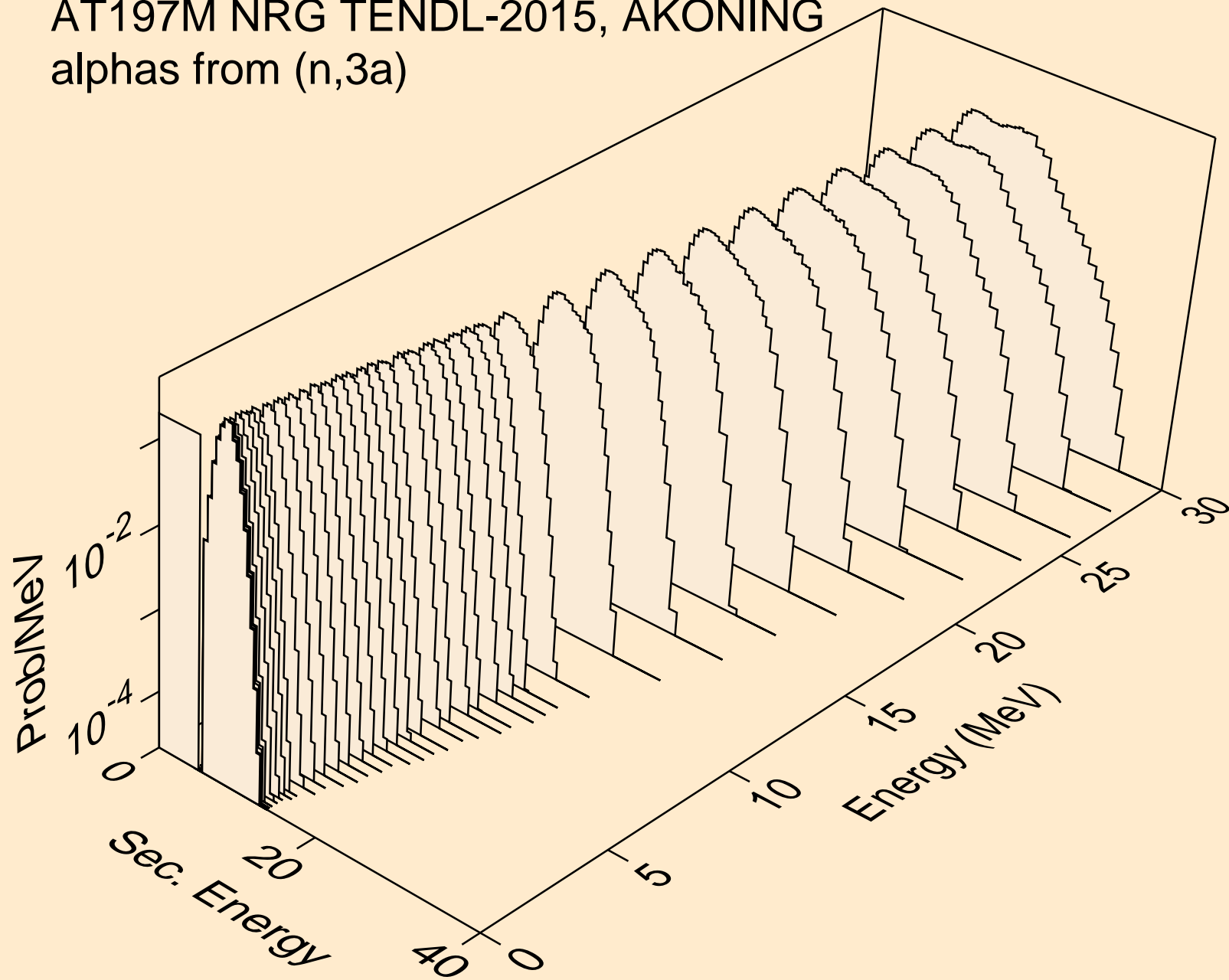
AT197M NRG TENDL-2015, AKONING  
alphas from (n,a)



AT197M NRG TENDL-2015, AKONING  
alphas from (n,2a)

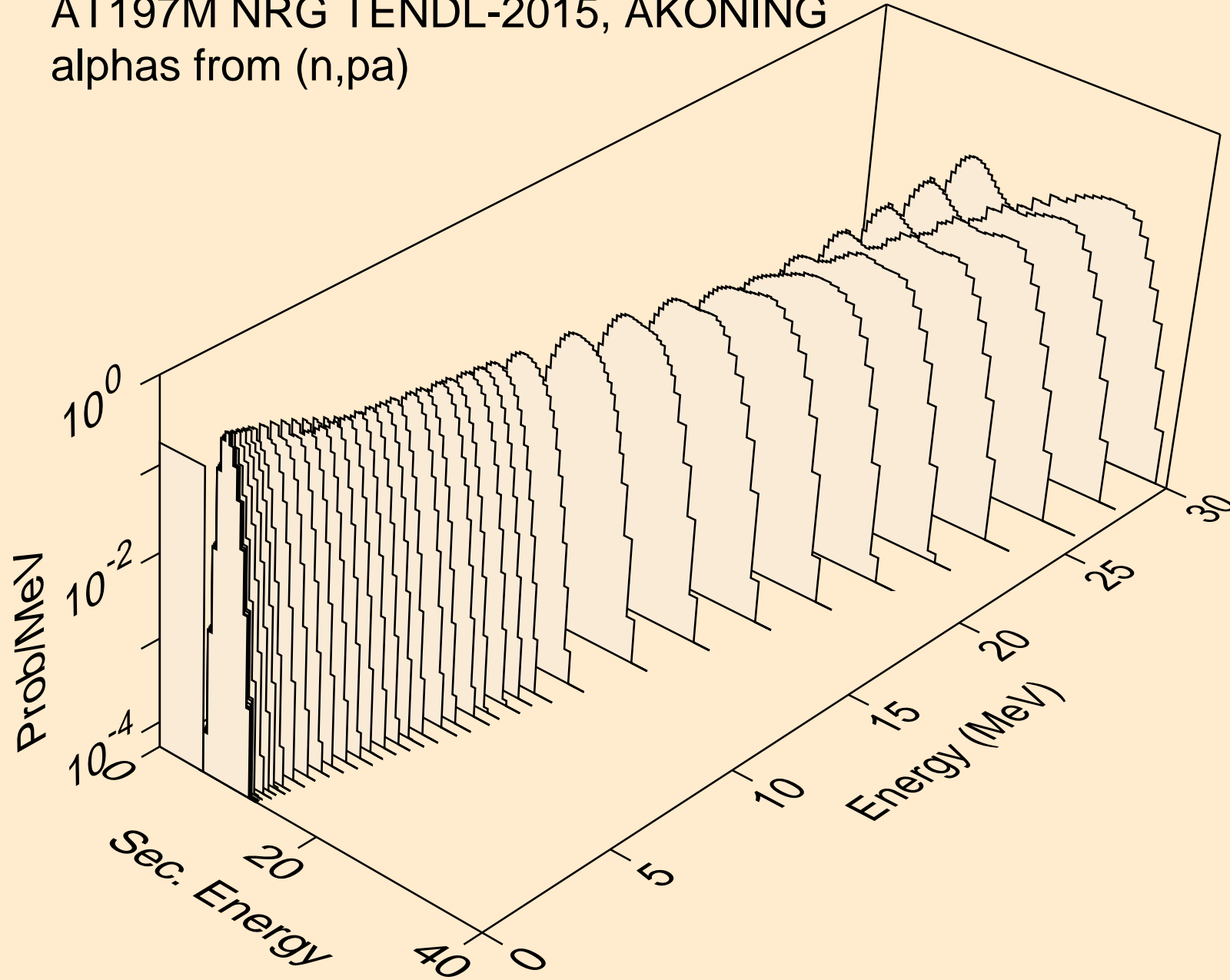


AT197M NRG TENDL-2015, AKONING  
alphas from (n,3a)

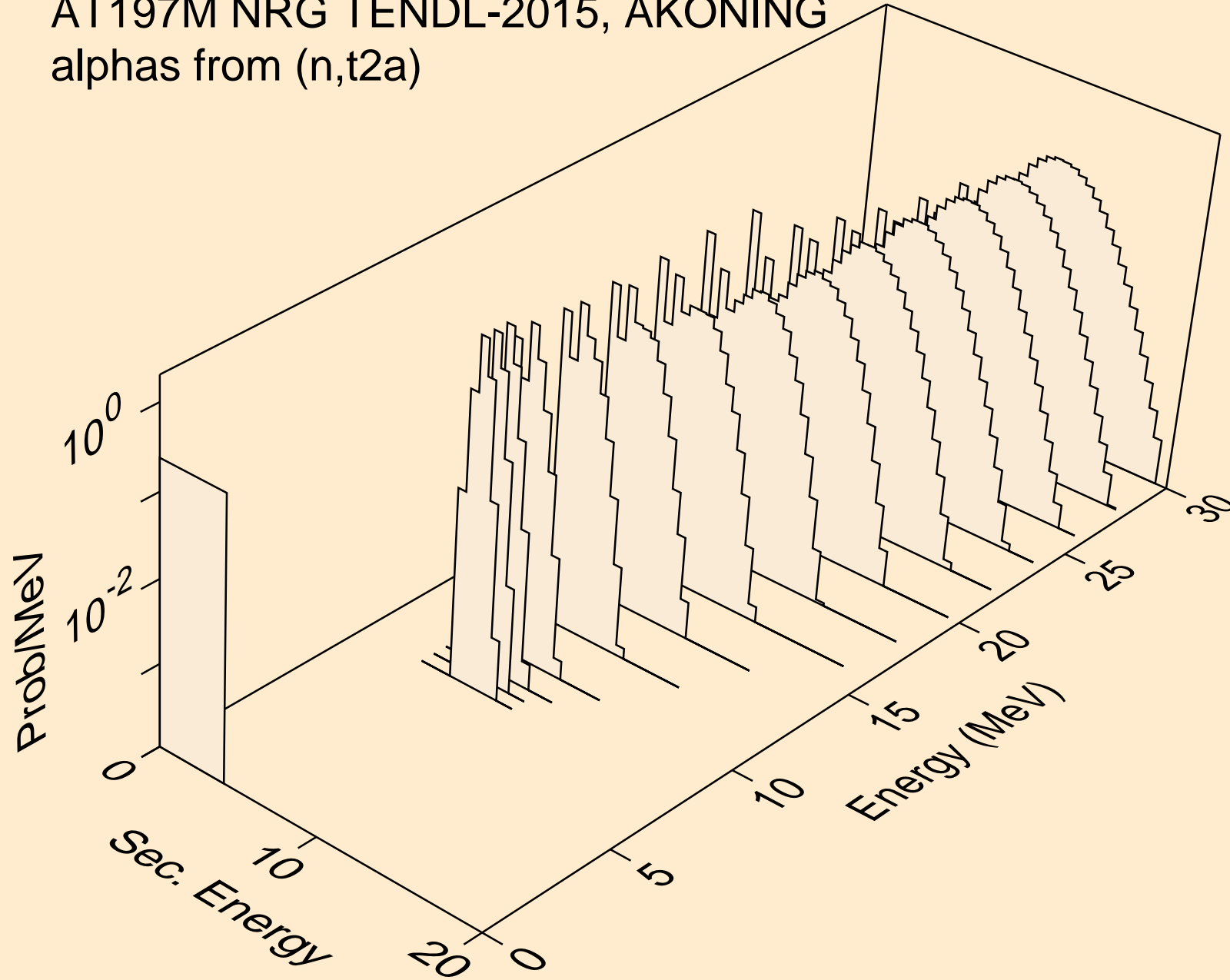




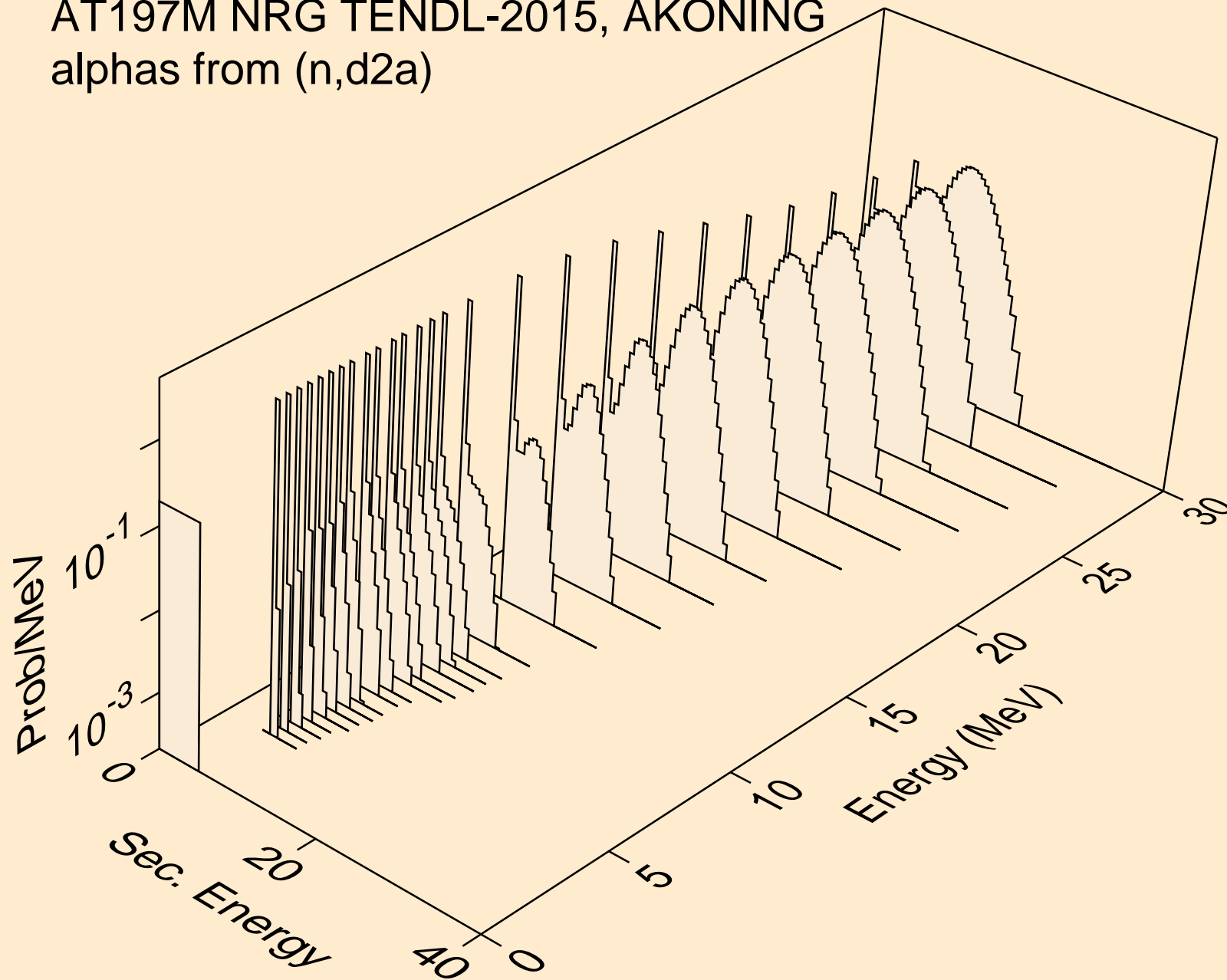
AT197M NRG TENDL-2015, AKONING  
alphas from (n,pa)



AT197M NRG TENDL-2015, AKONING  
alphas from (n,t2a)



AT197M NRG TENDL-2015, AKONING  
alphas from (n,d2a)



AT197M NRG TENDL-2015, AKONING  
alphas from (n,da)

