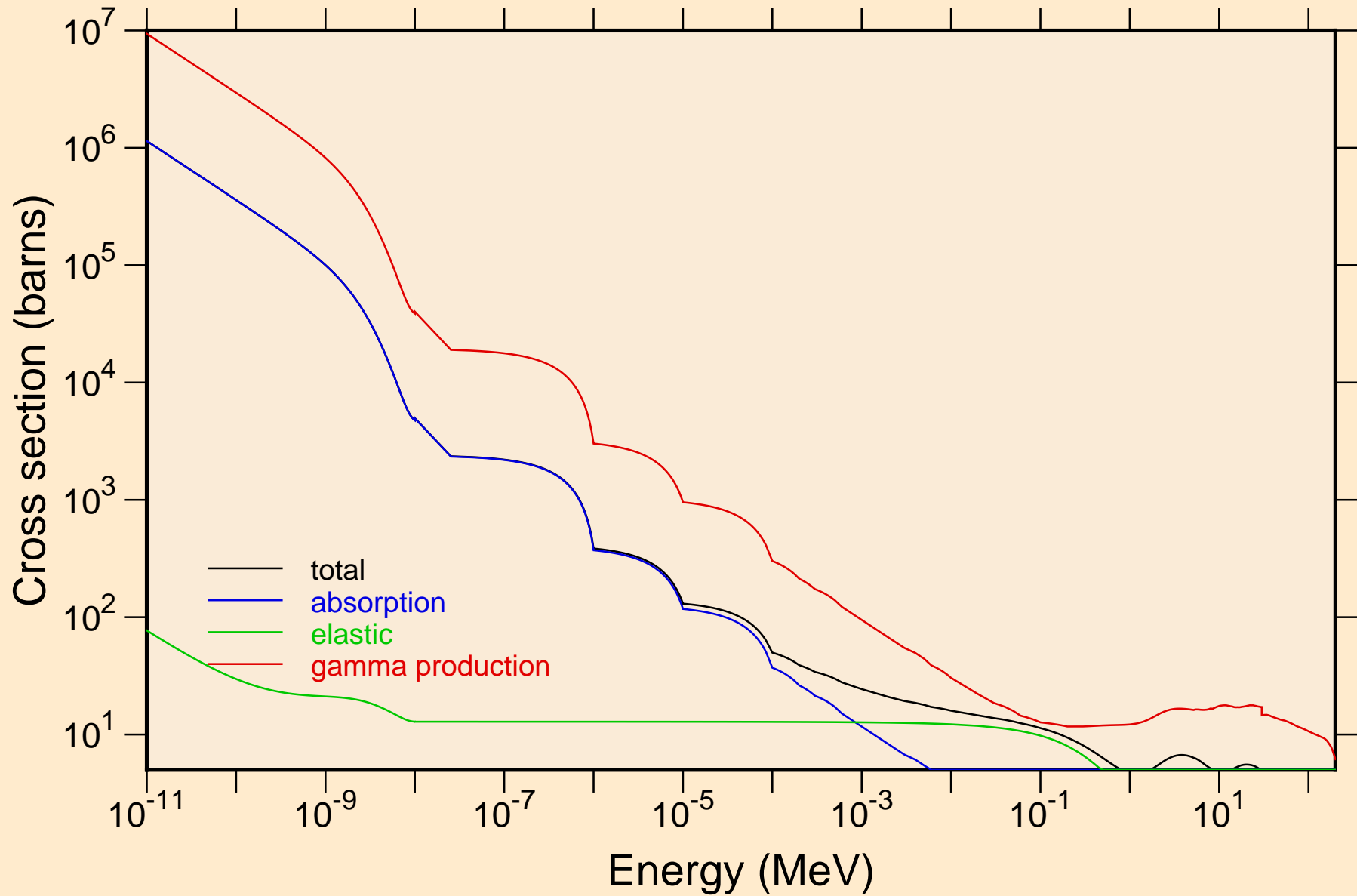


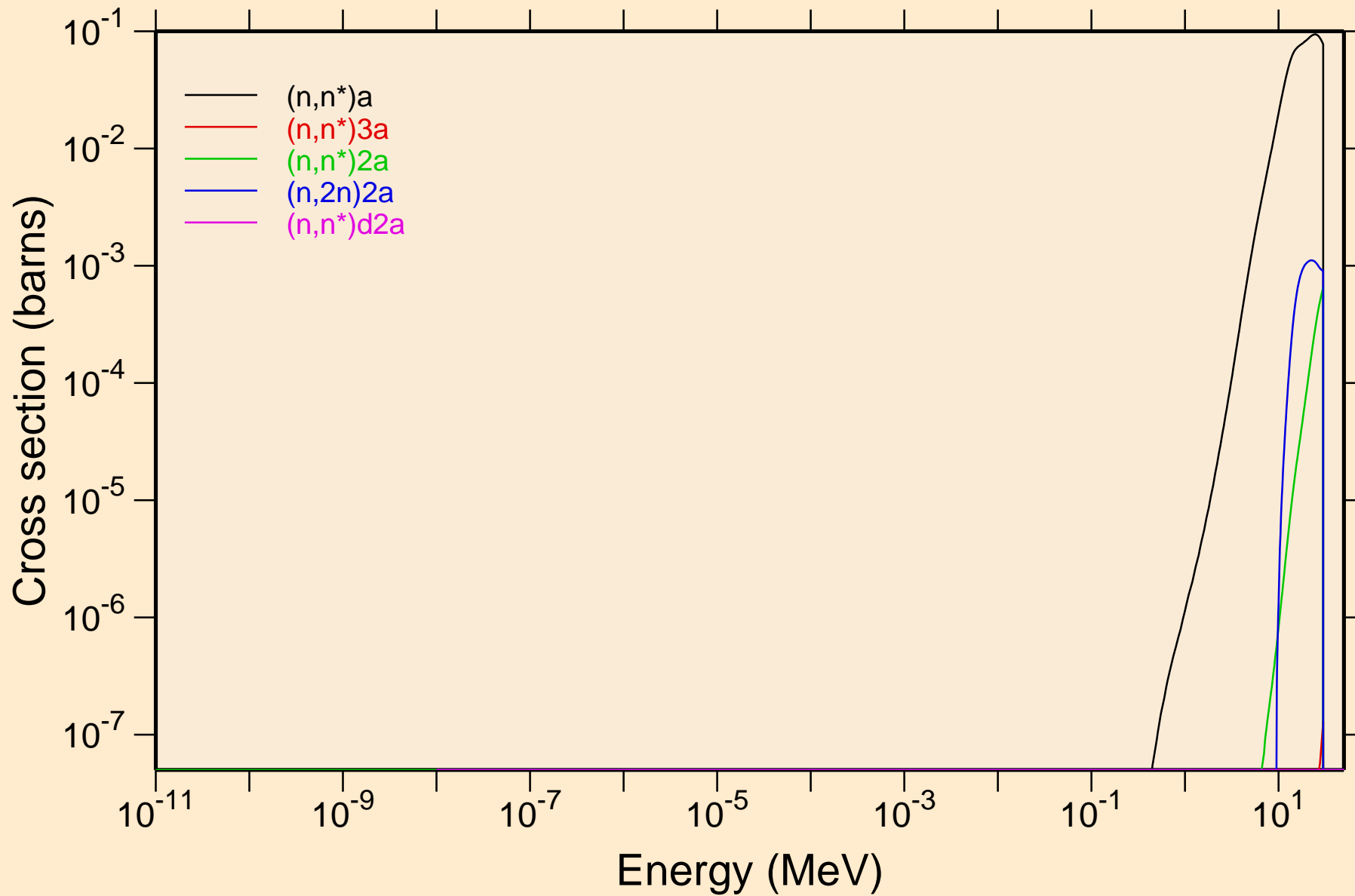
# BI192M NRG TENDL-2015, AKONING

## Principal cross sections



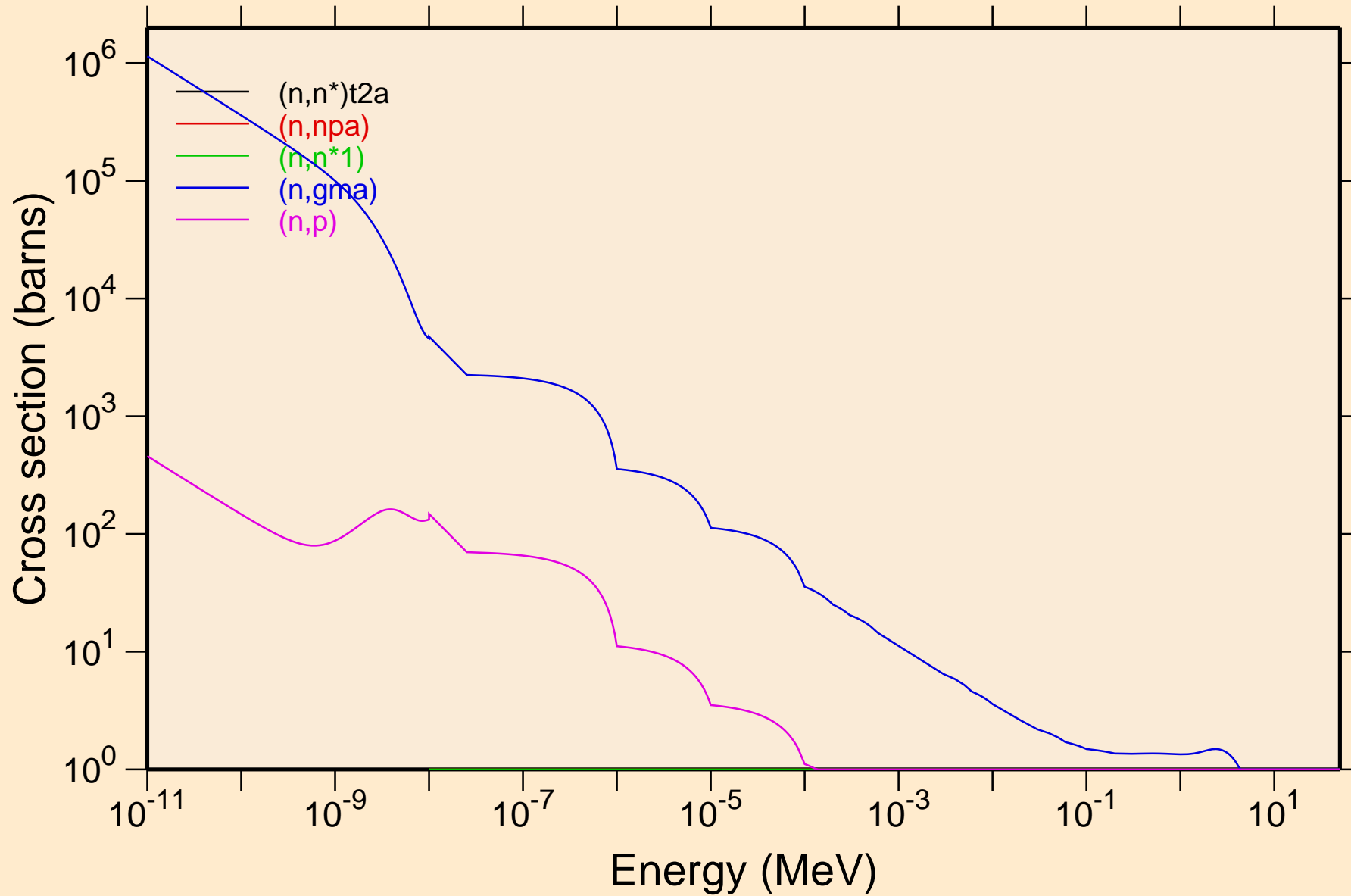
# BI192M NRG TENDL-2015, AKONING

## Non-threshold reactions



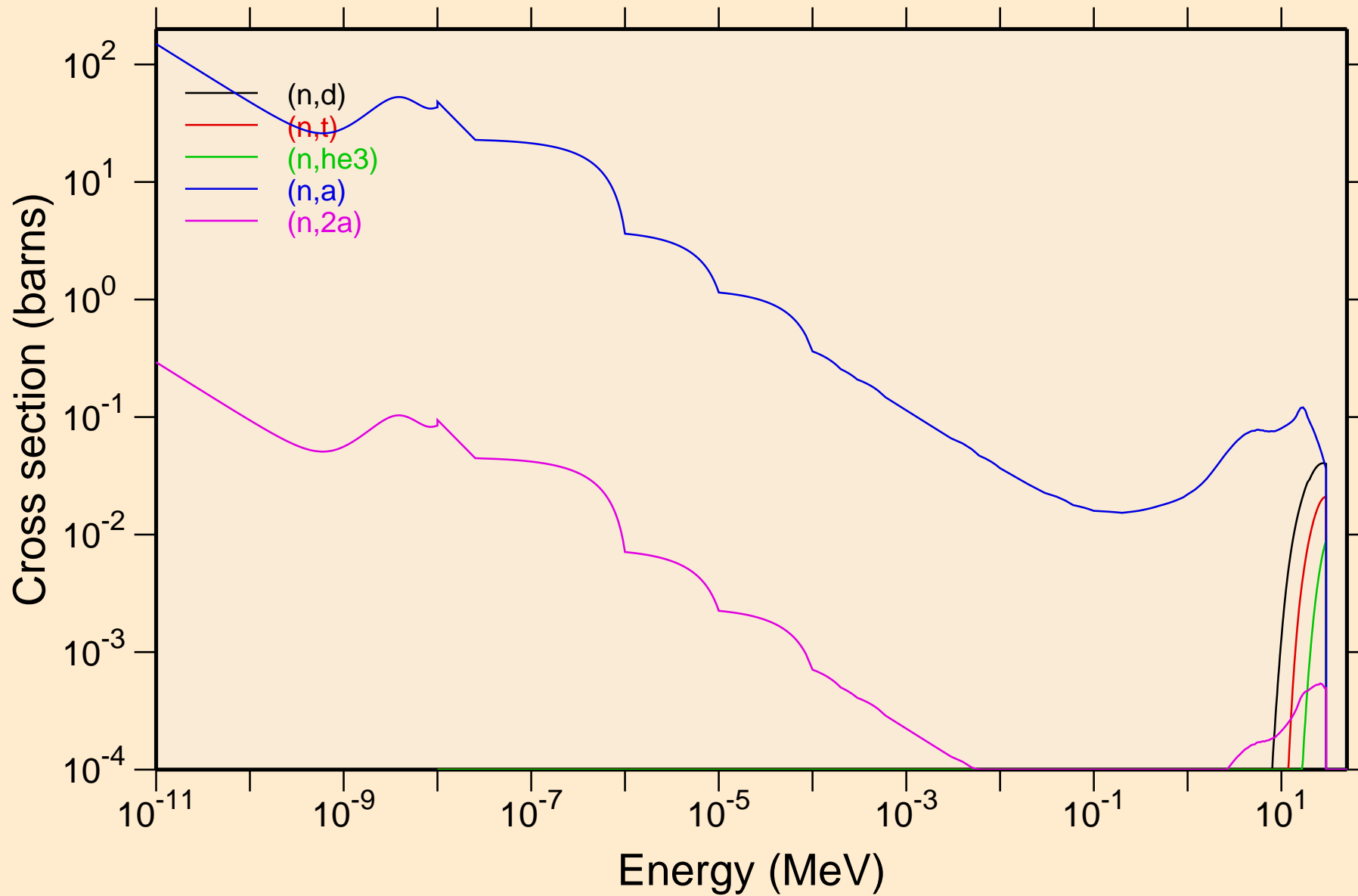
# BI192M NRG TENDL-2015, AKONING

## Non-threshold reactions

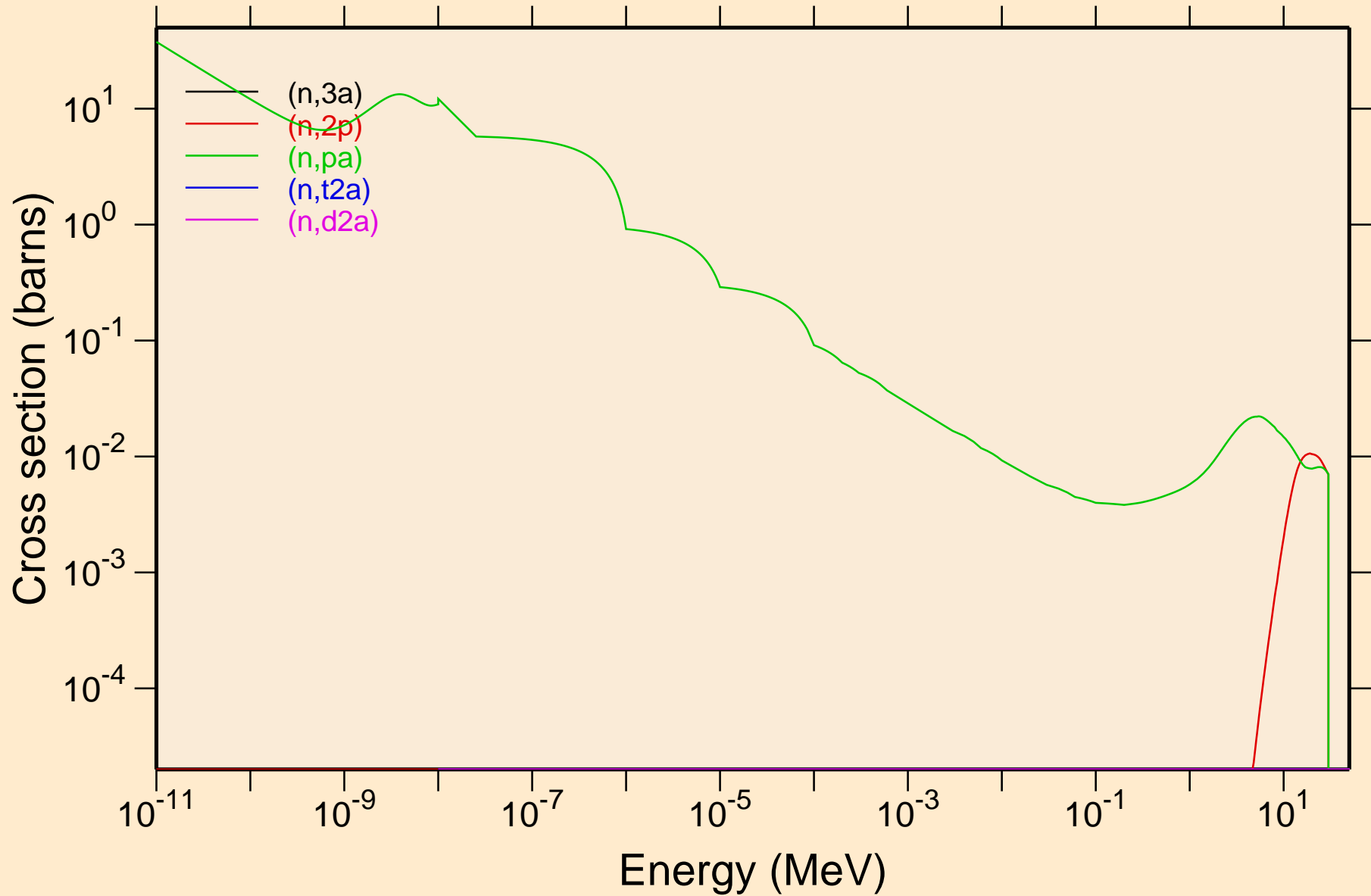


# BI192M NRG TENDL-2015, AKONING

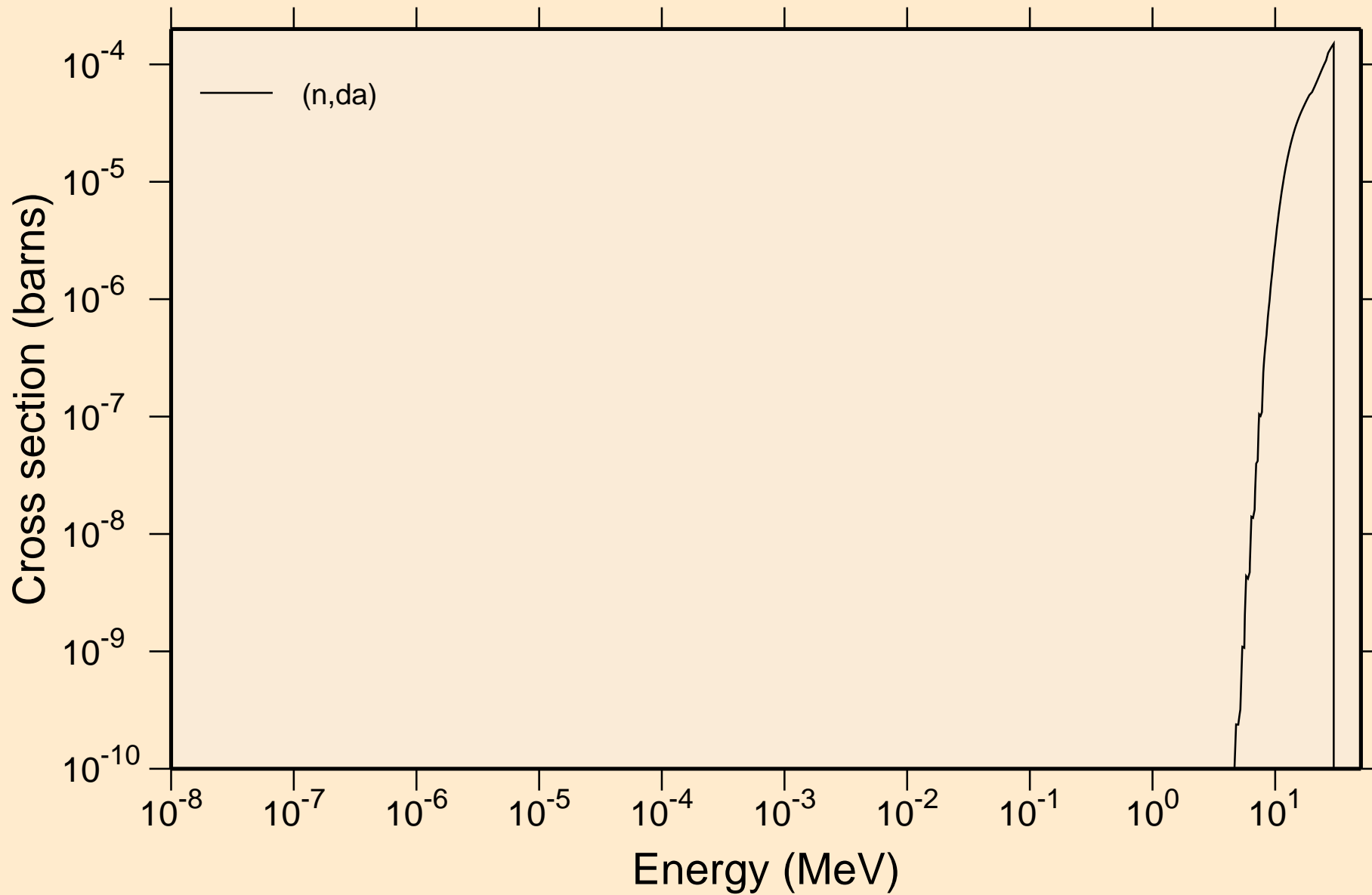
## Non-threshold reactions



BI192M NRG TENDL-2015, AKONING  
Non-threshold reactions

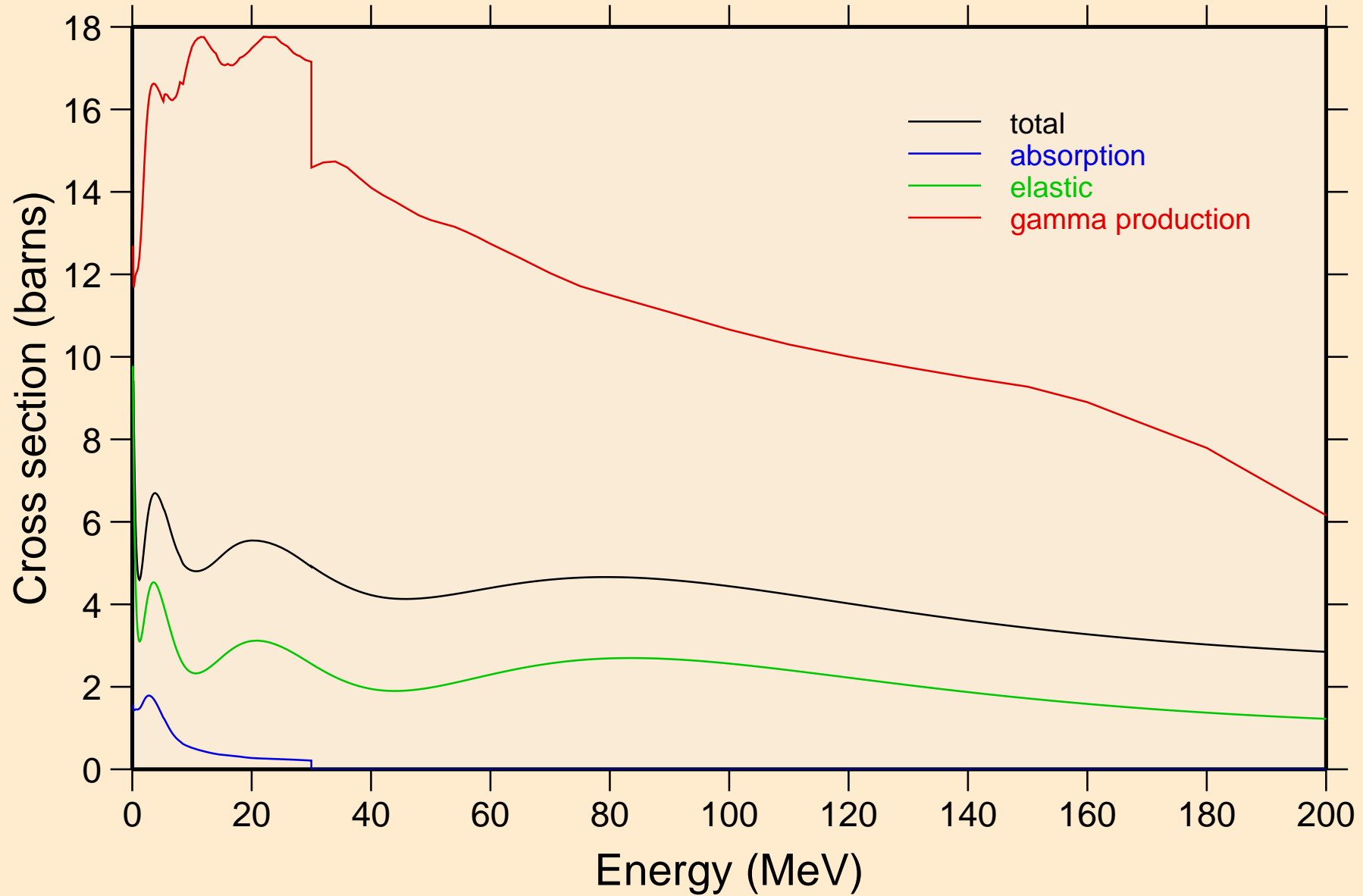


BI192M NRG TENDL-2015, AKONING  
Non-threshold reactions



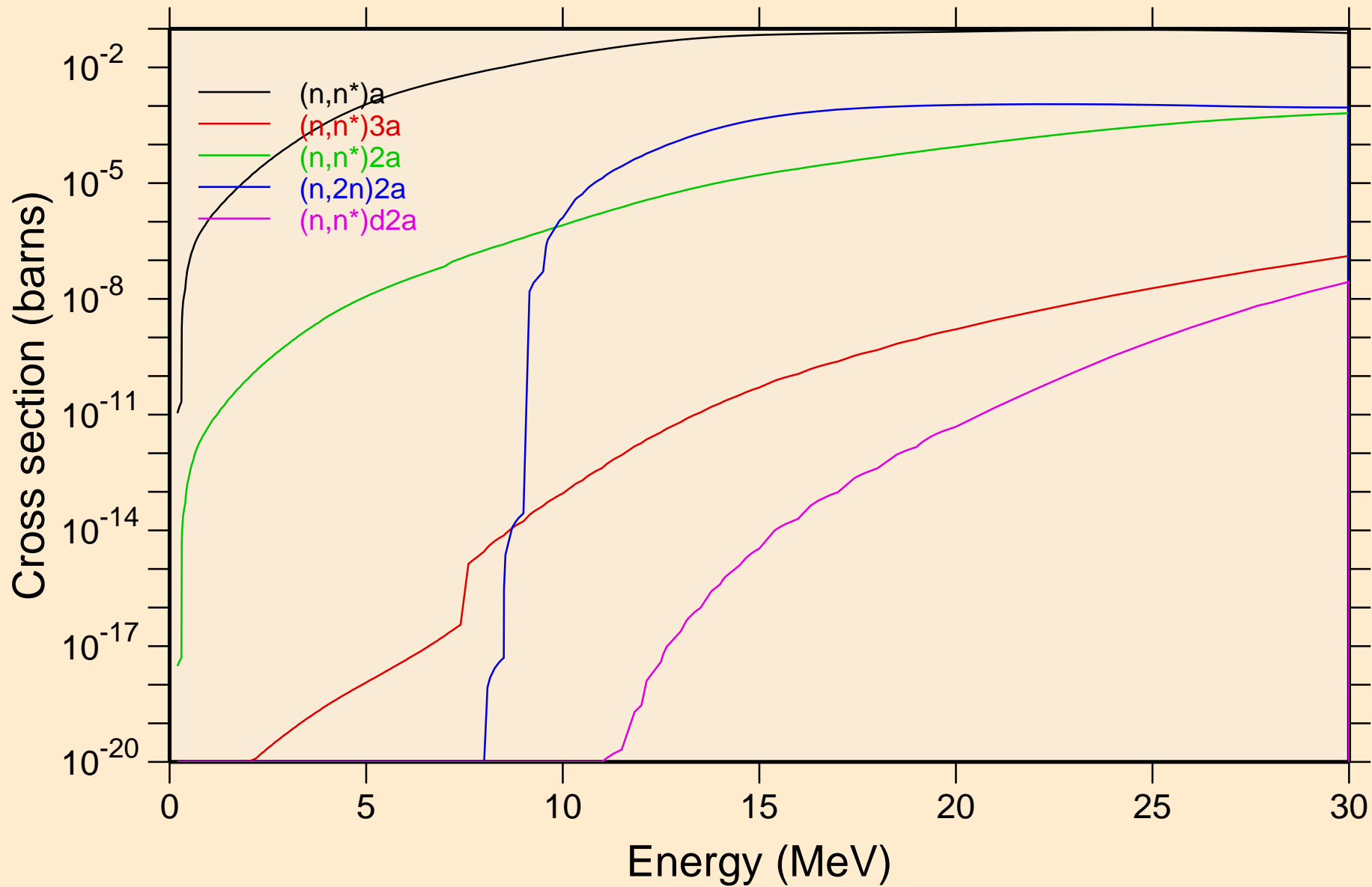
# BI192M NRG TENDL-2015, AKONING

## Principal cross sections



# BI192M NRG TENDL-2015, AKONING

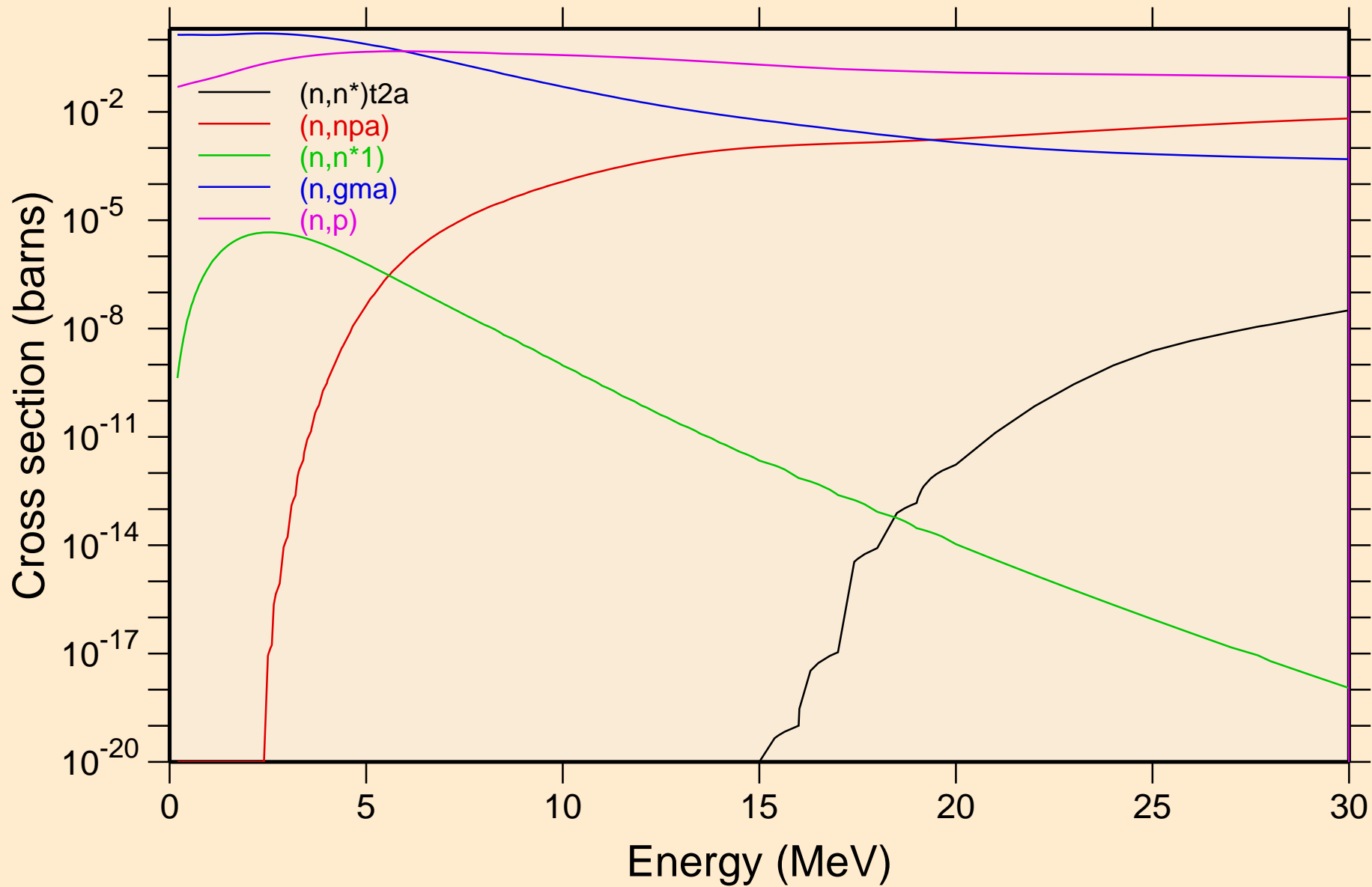
## Non-threshold reactions





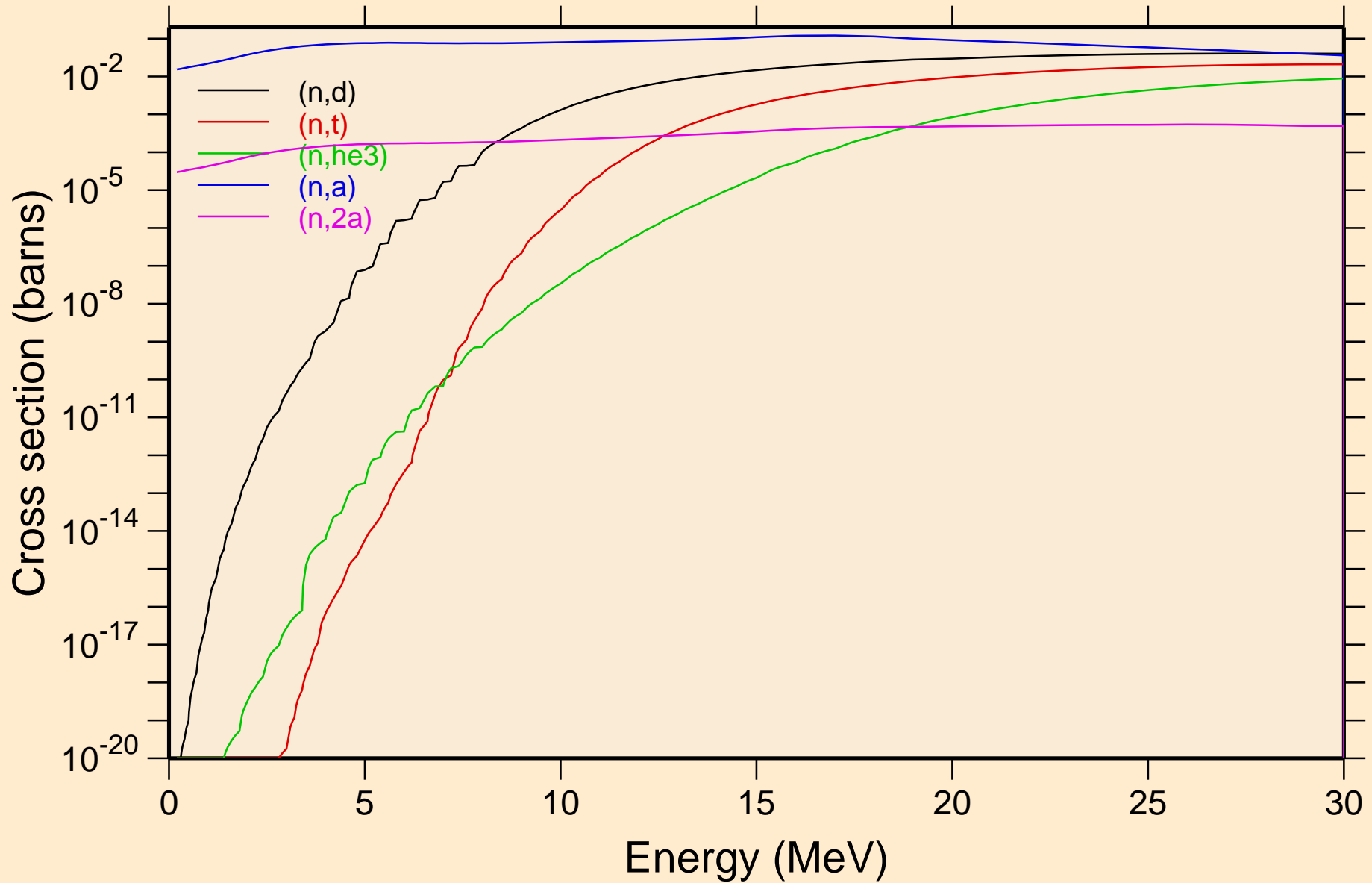
# BI192M NRG TENDL-2015, AKONING

## Non-threshold reactions



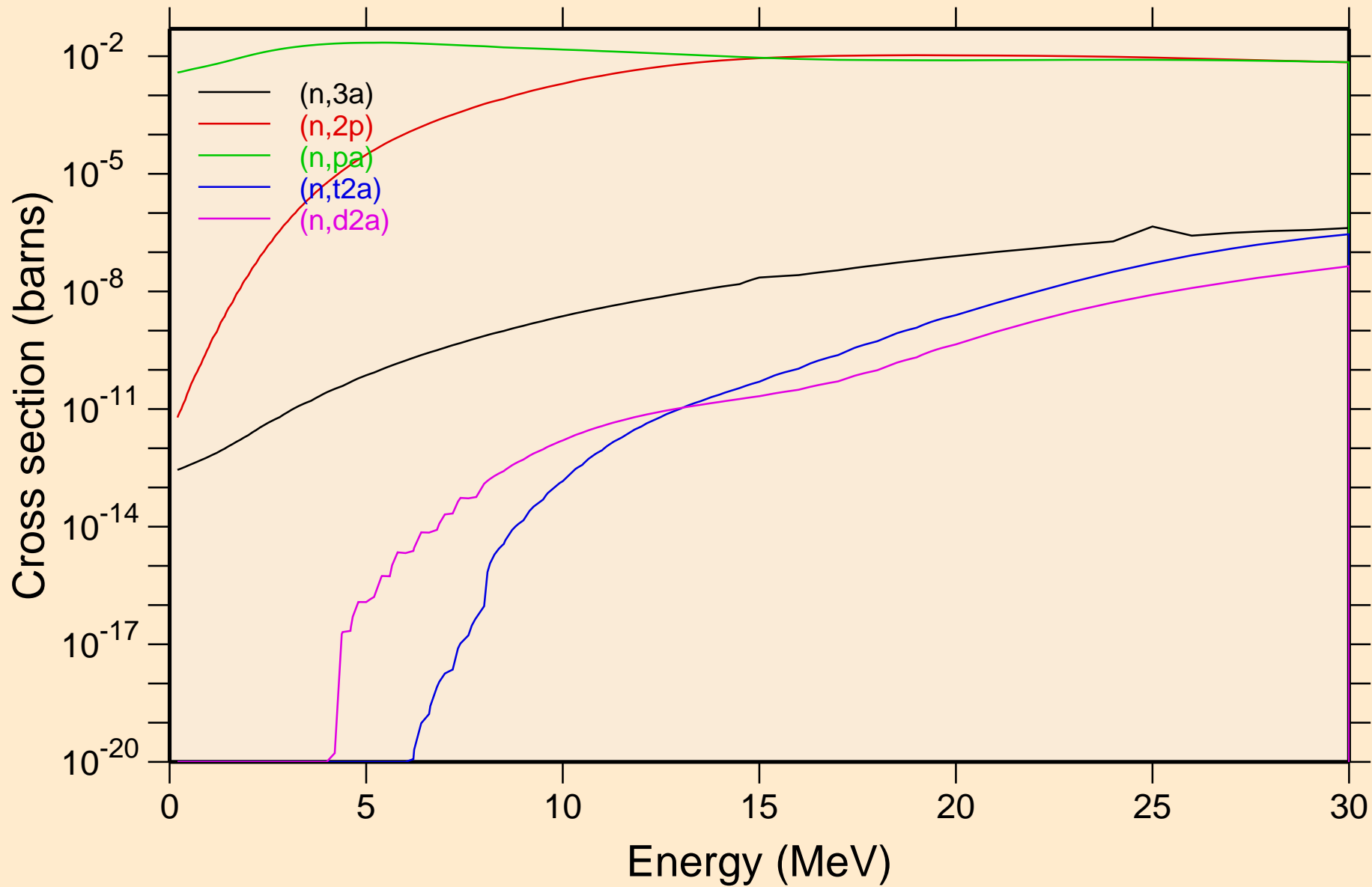
# BI192M NRG TENDL-2015, AKONING

## Non-threshold reactions

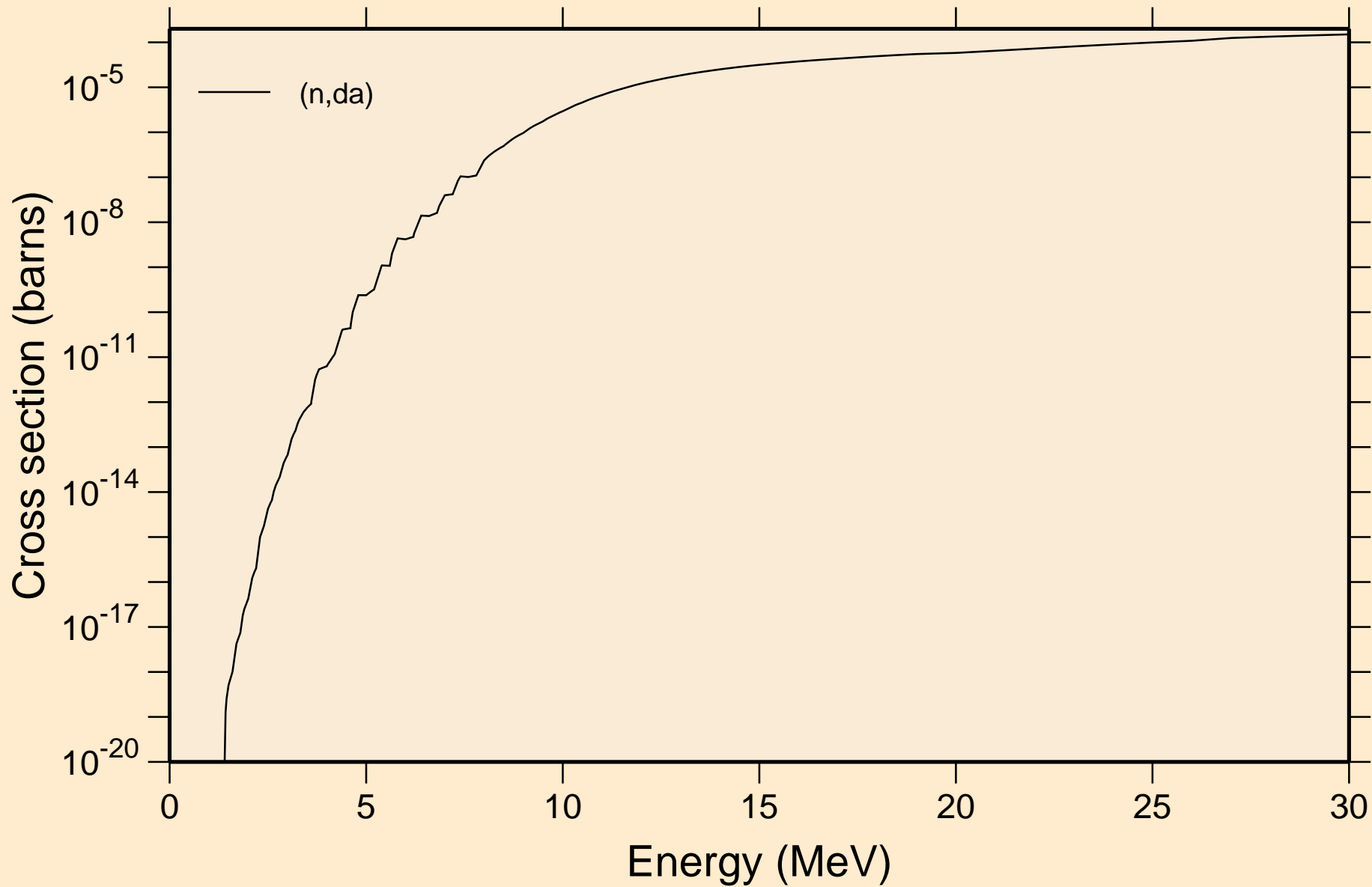


# BI192M NRG TENDL-2015, AKONING

## Non-threshold reactions

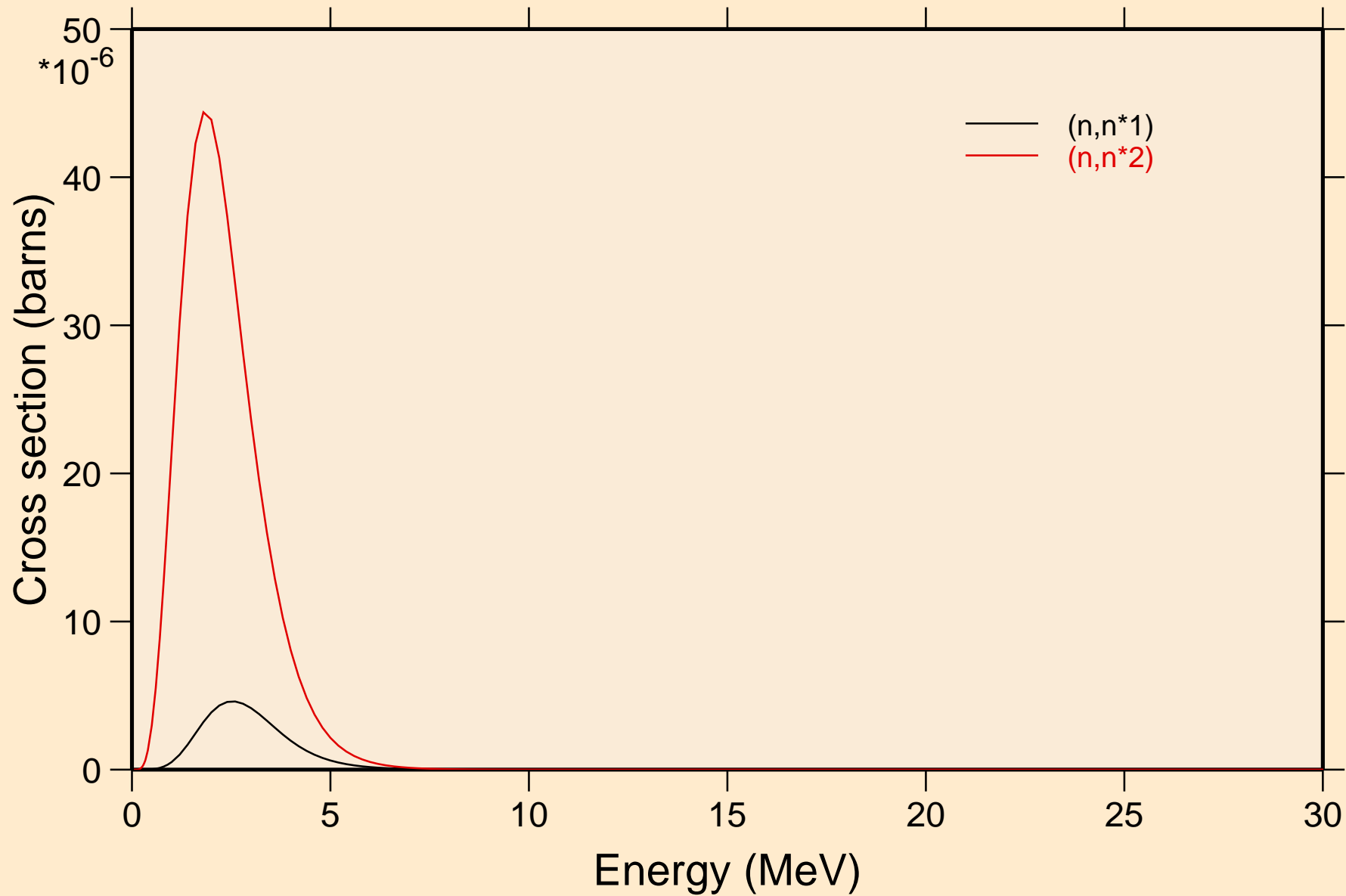


BI192M NRG TENDL-2015, AKONING  
Non-threshold reactions



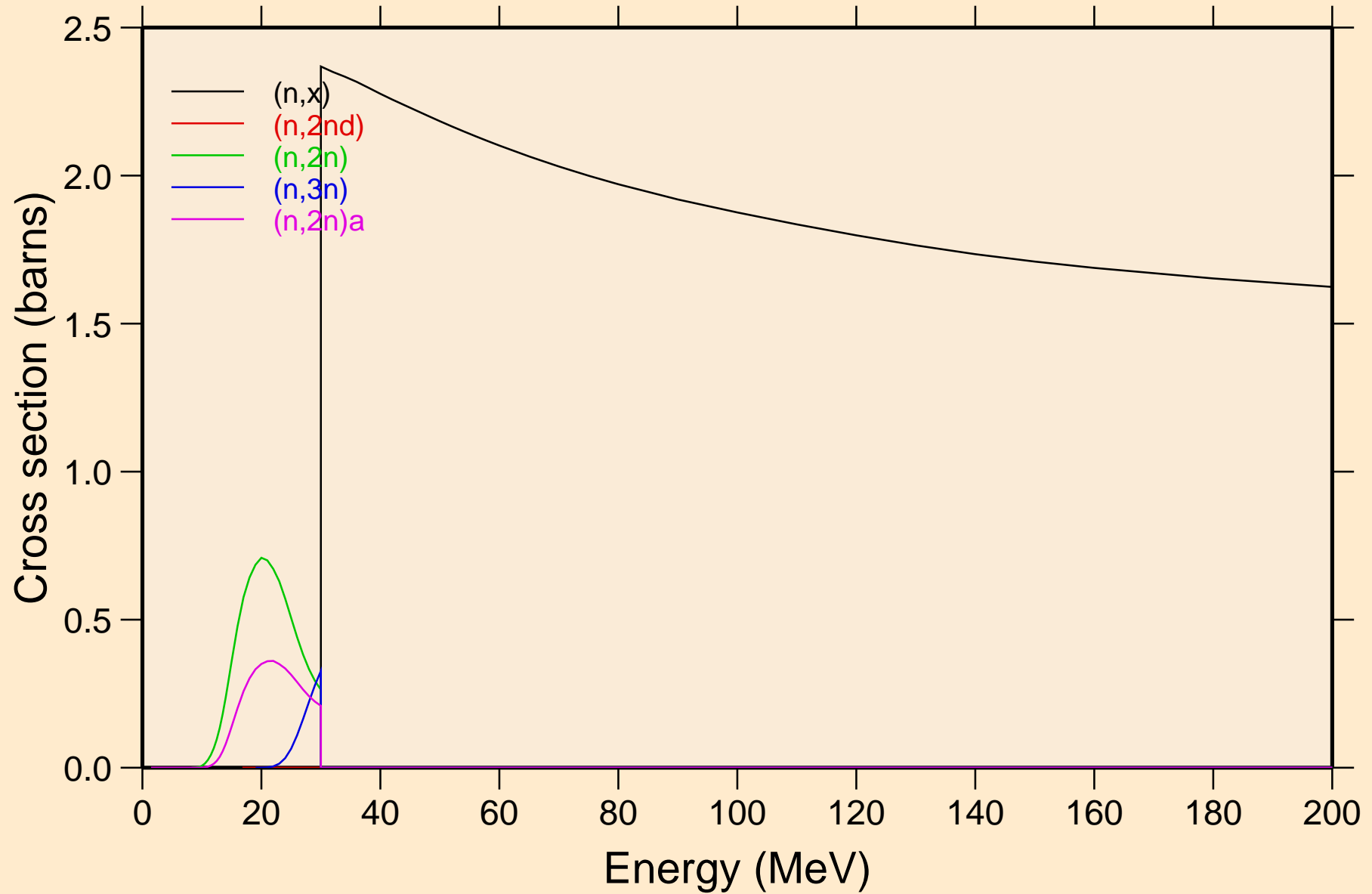
# BI192M NRG TENDL-2015, AKONING

## Inelastic levels



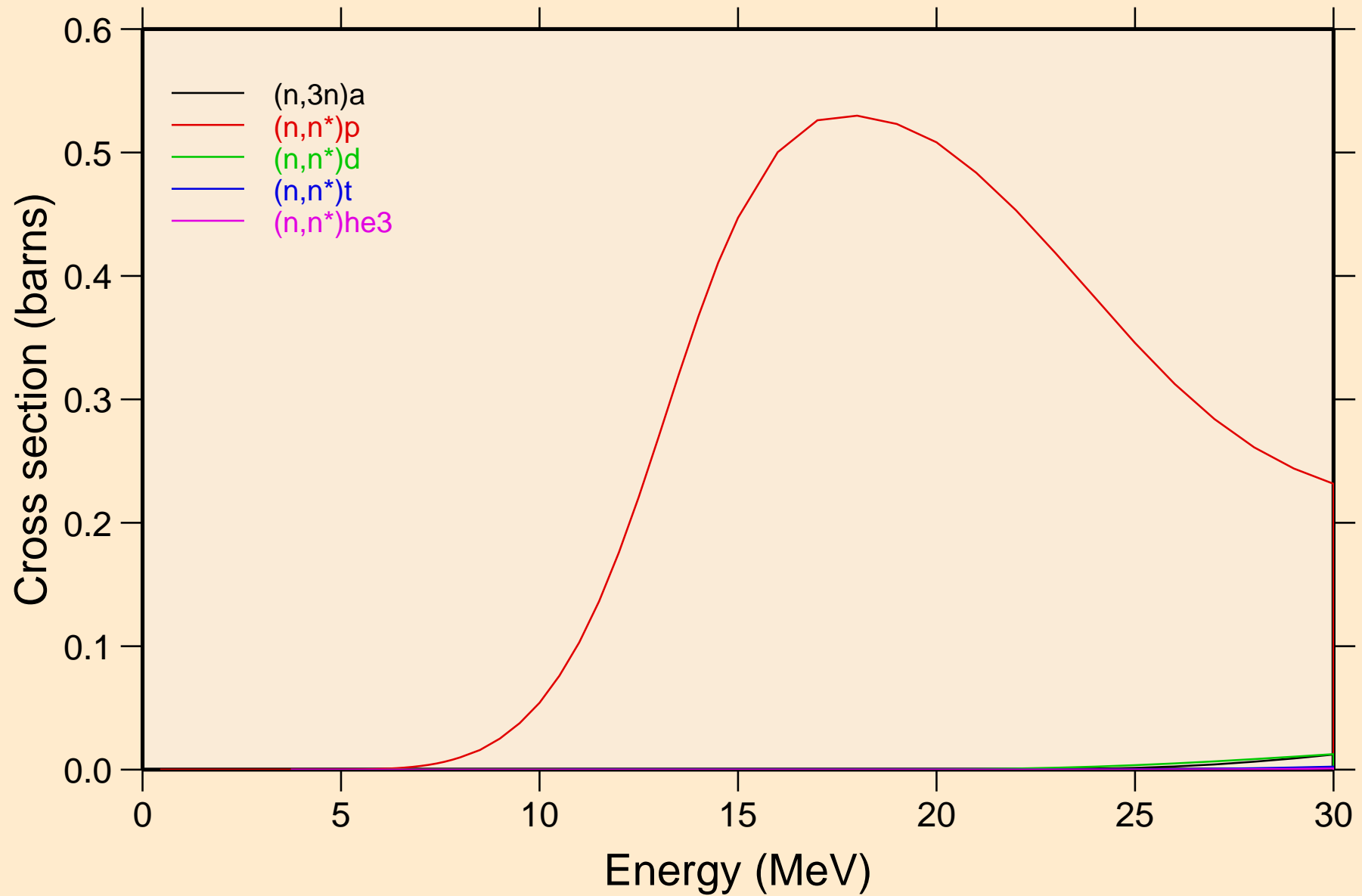
# BI192M NRG TENDL-2015, AKONING

## Threshold reactions



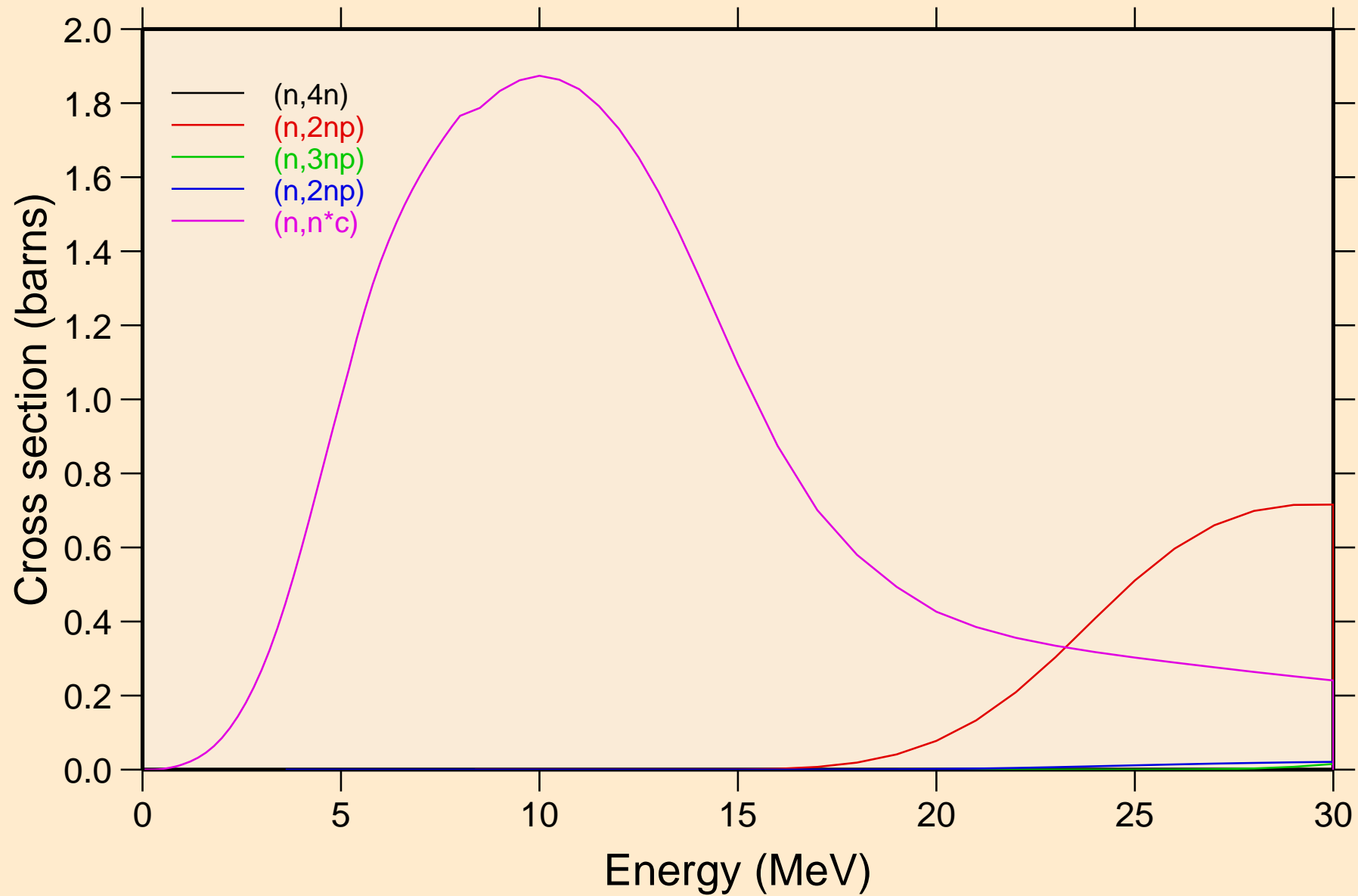
# BI192M NRG TENDL-2015, AKONING

## Threshold reactions



# BI192M NRG TENDL-2015, AKONING

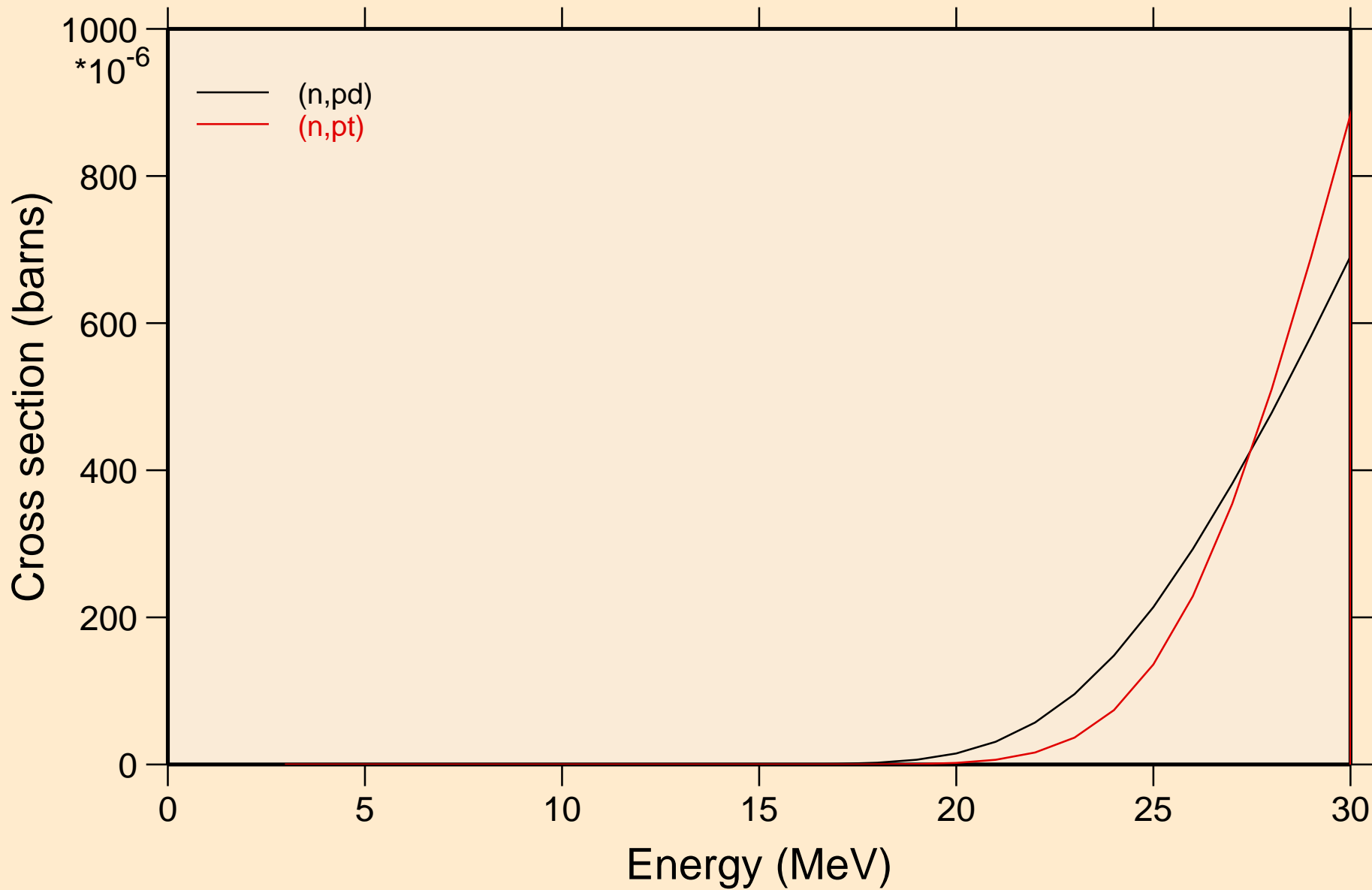
## Threshold reactions



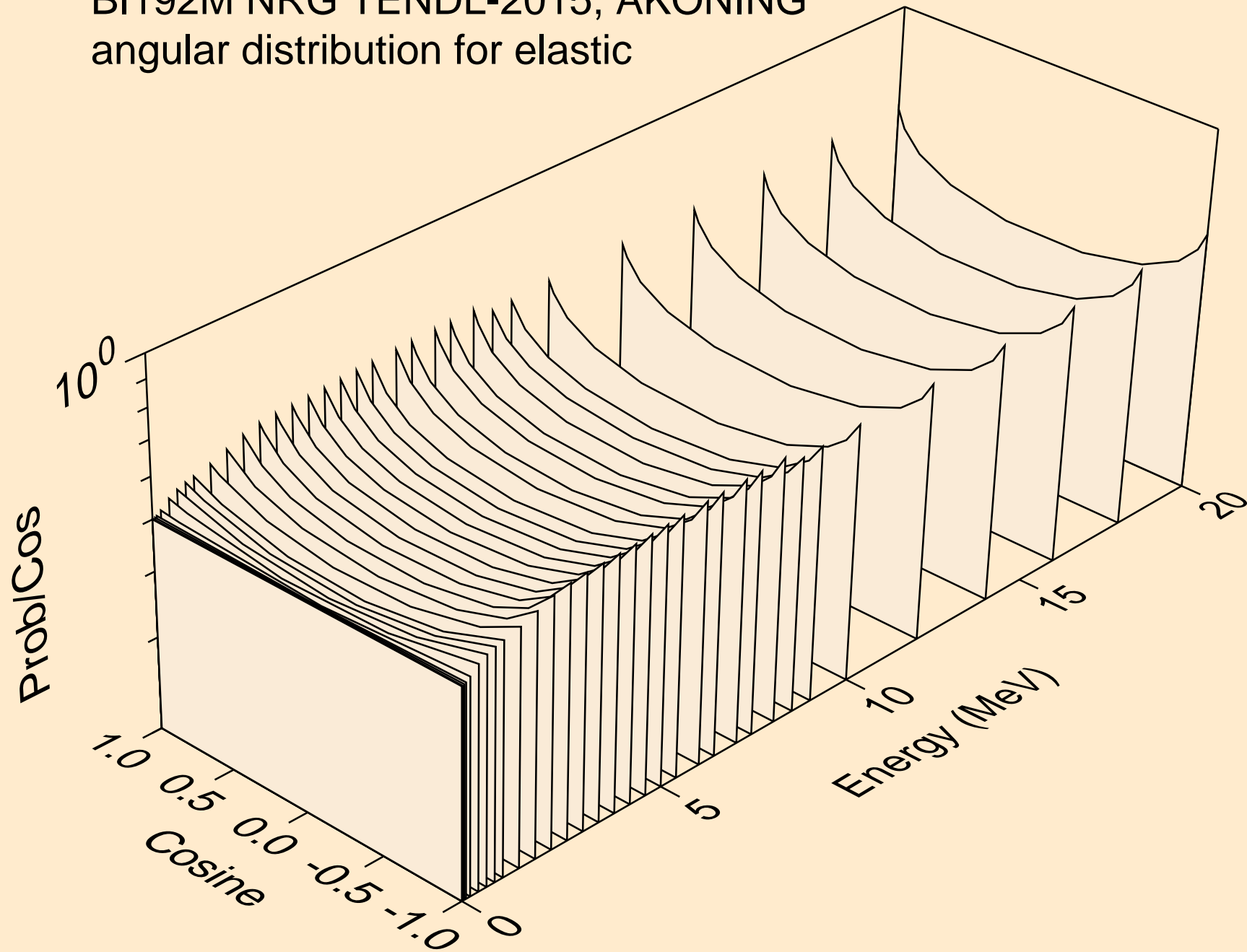


# BI192M NRG TENDL-2015, AKONING

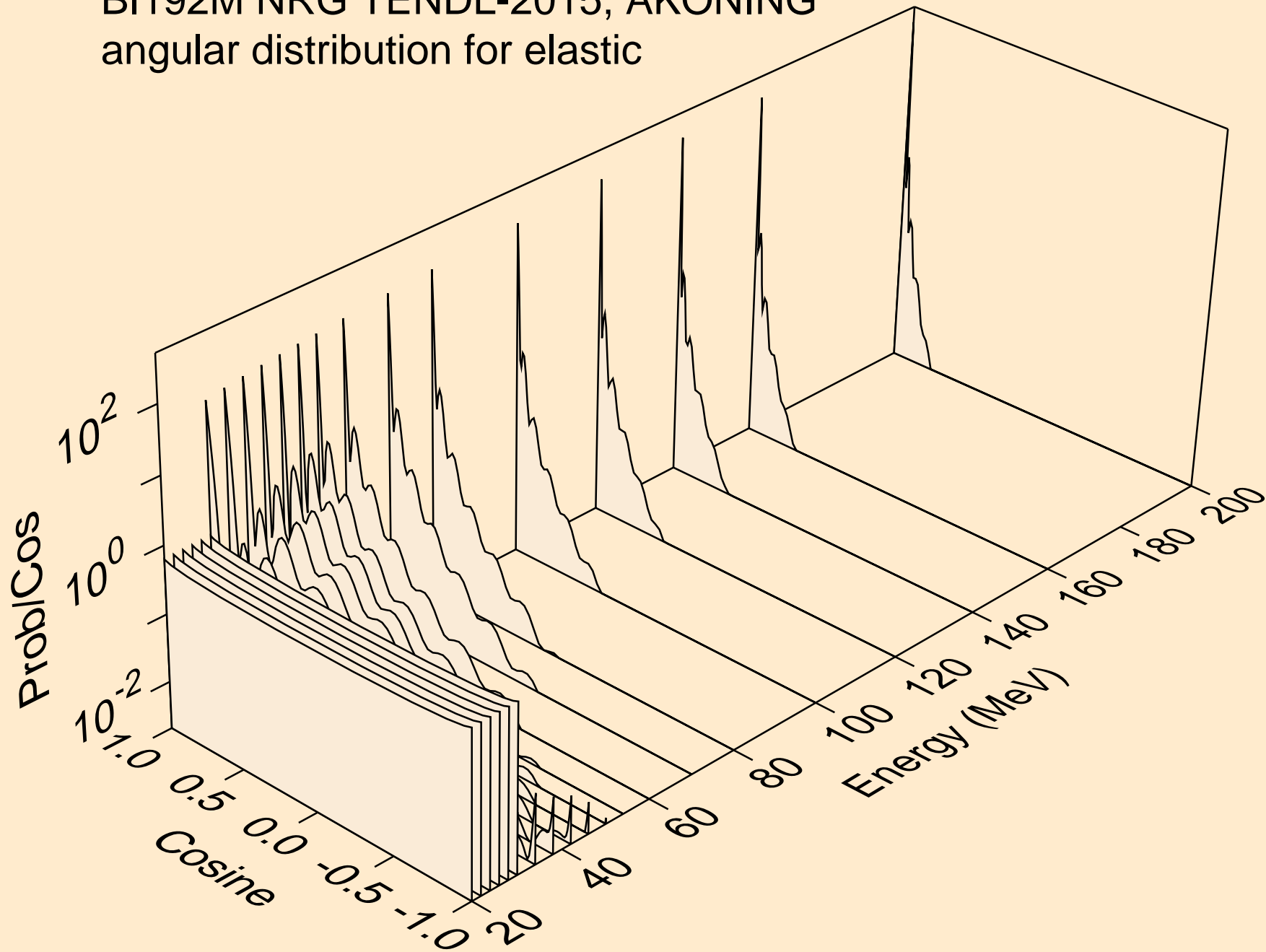
## Threshold reactions



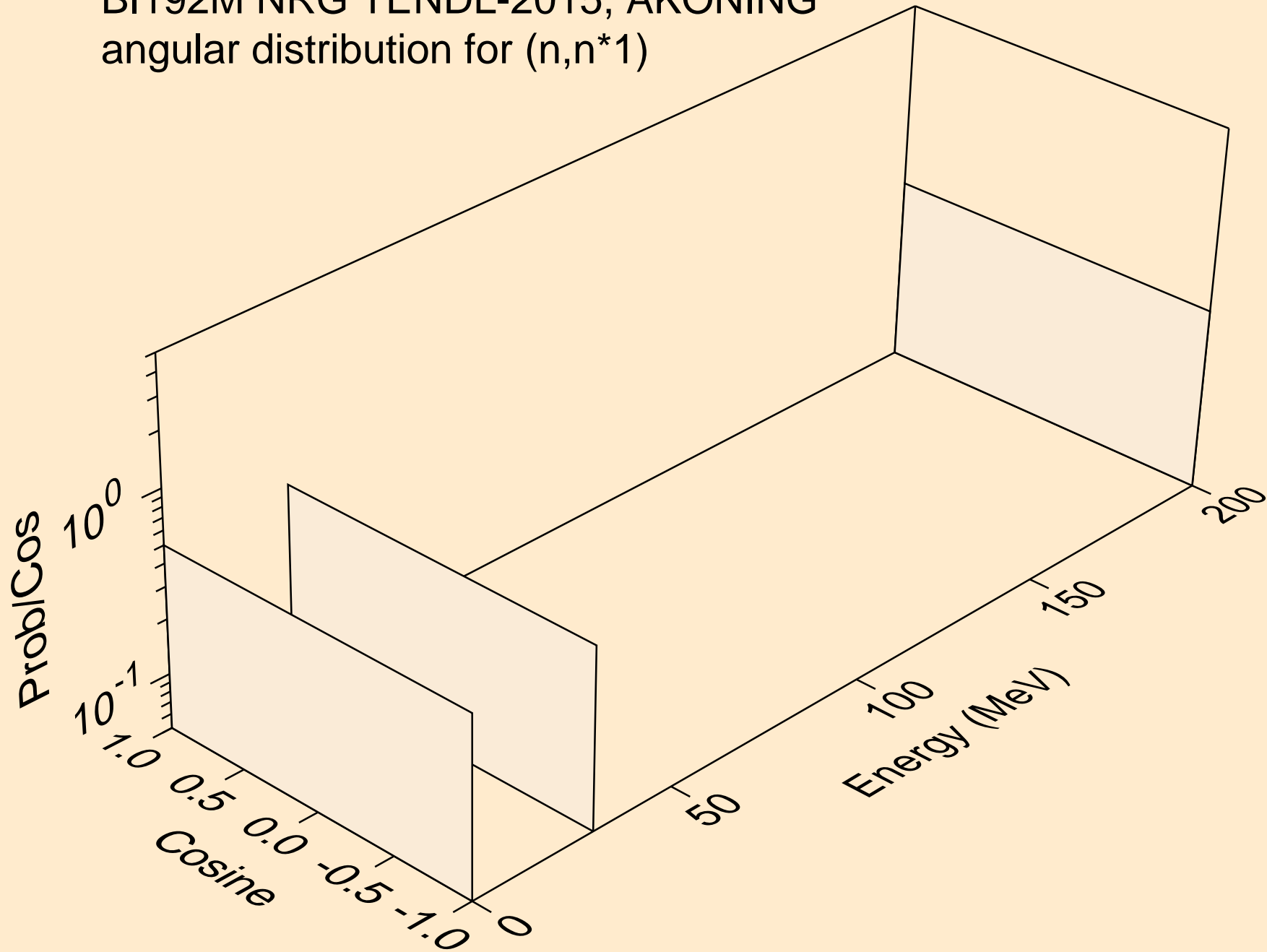
BI192M NRG TENDL-2015, AKONING  
angular distribution for elastic



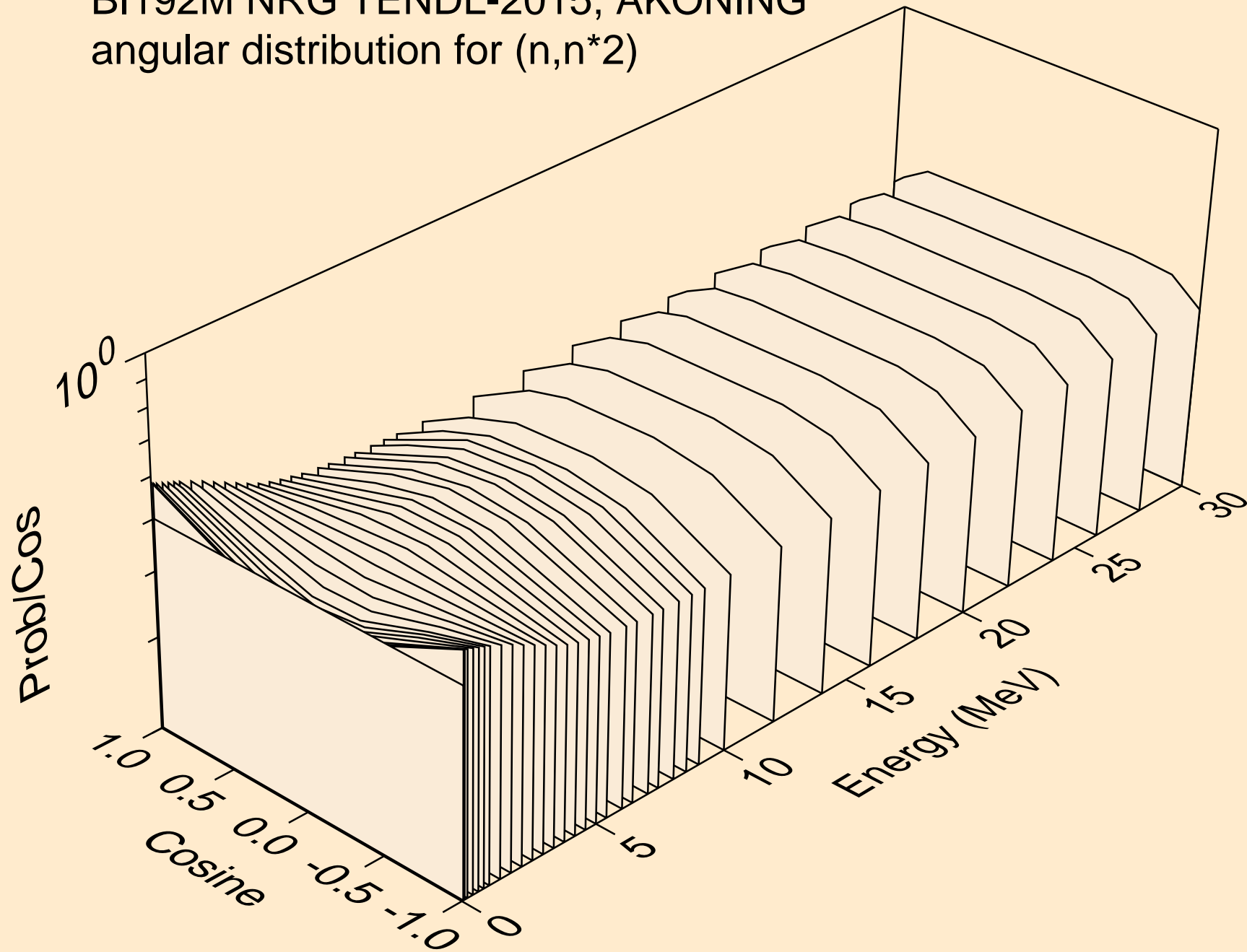
BI192M NRG TENDL-2015, AKONING  
angular distribution for elastic



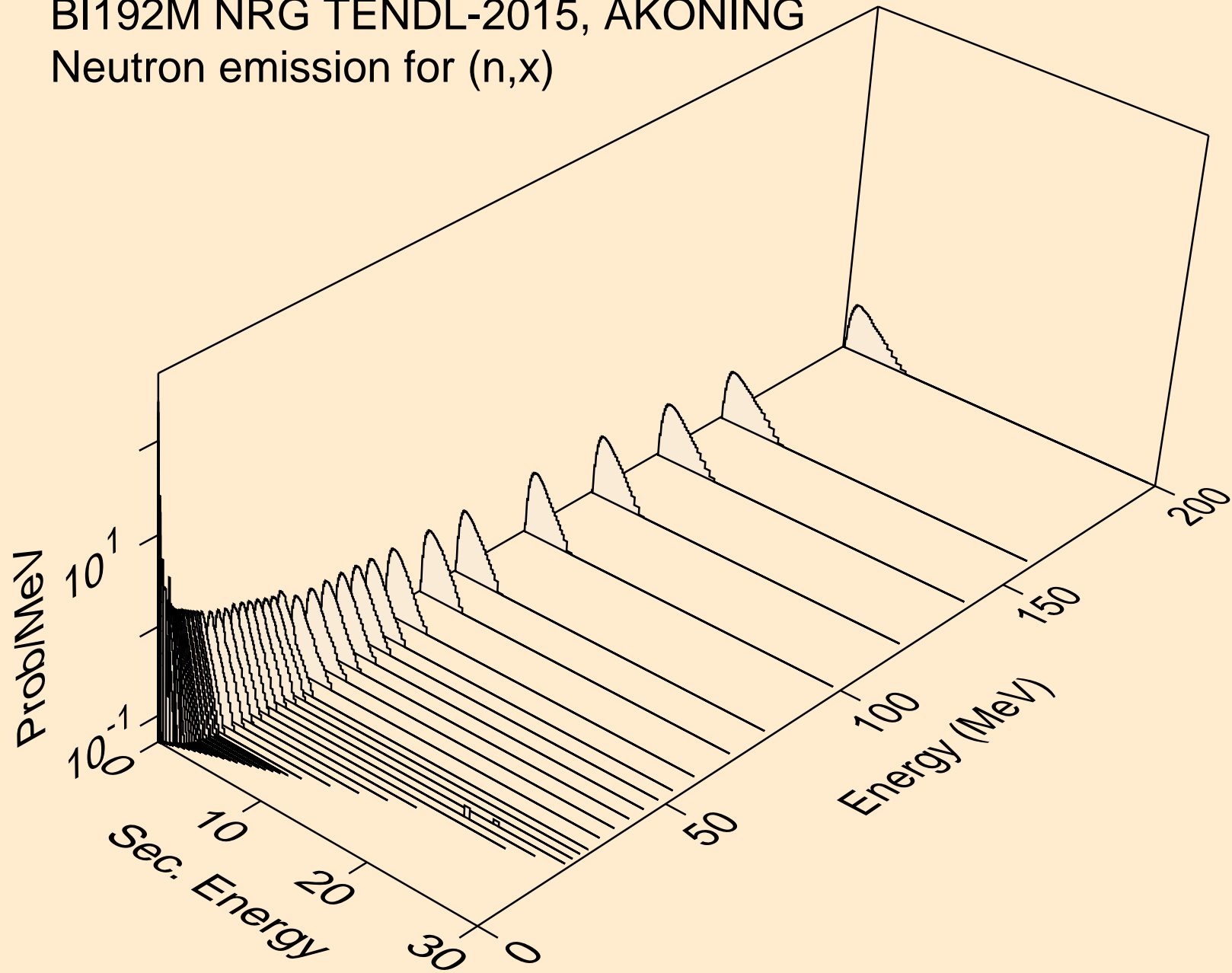
BI192M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



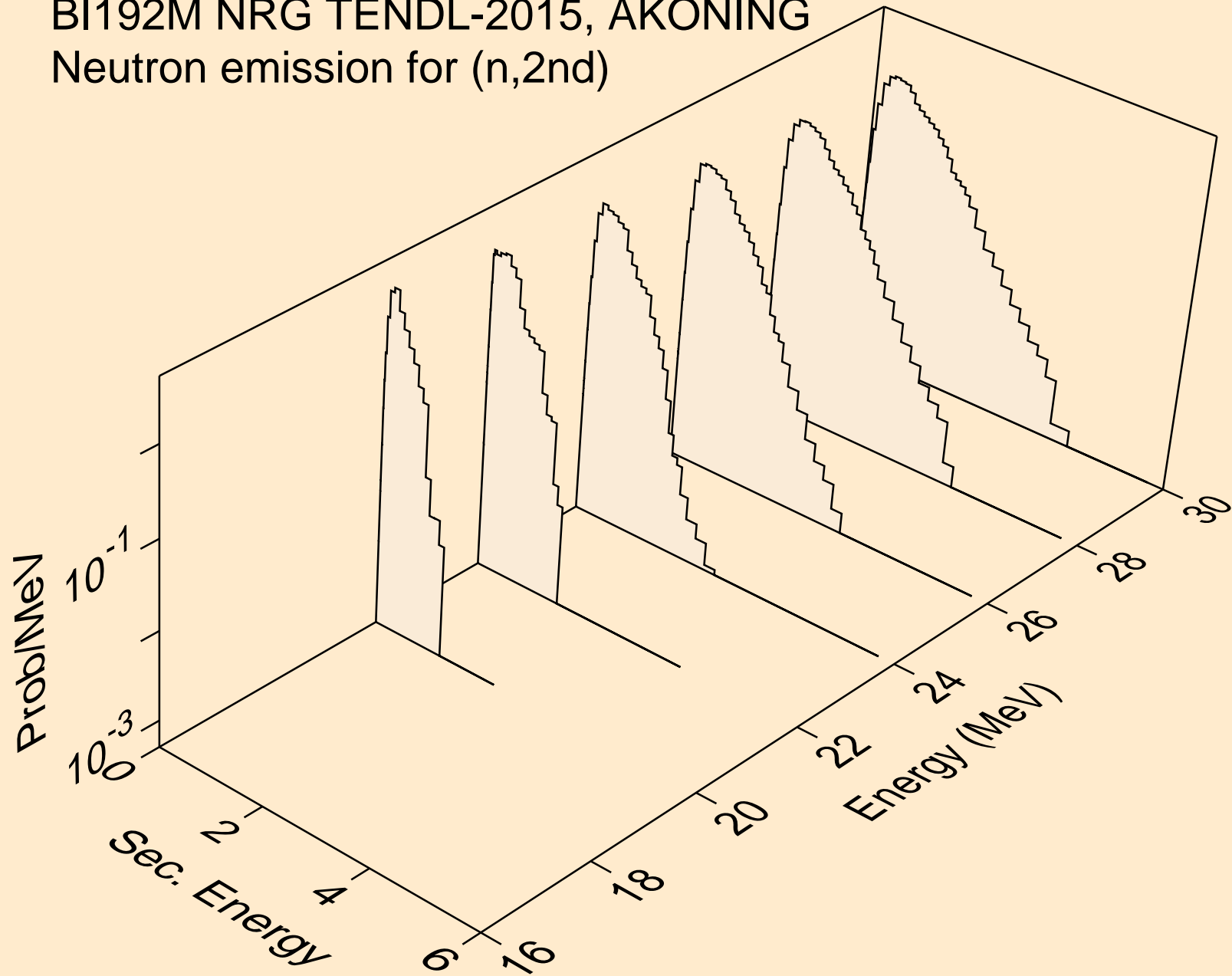
BI192M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



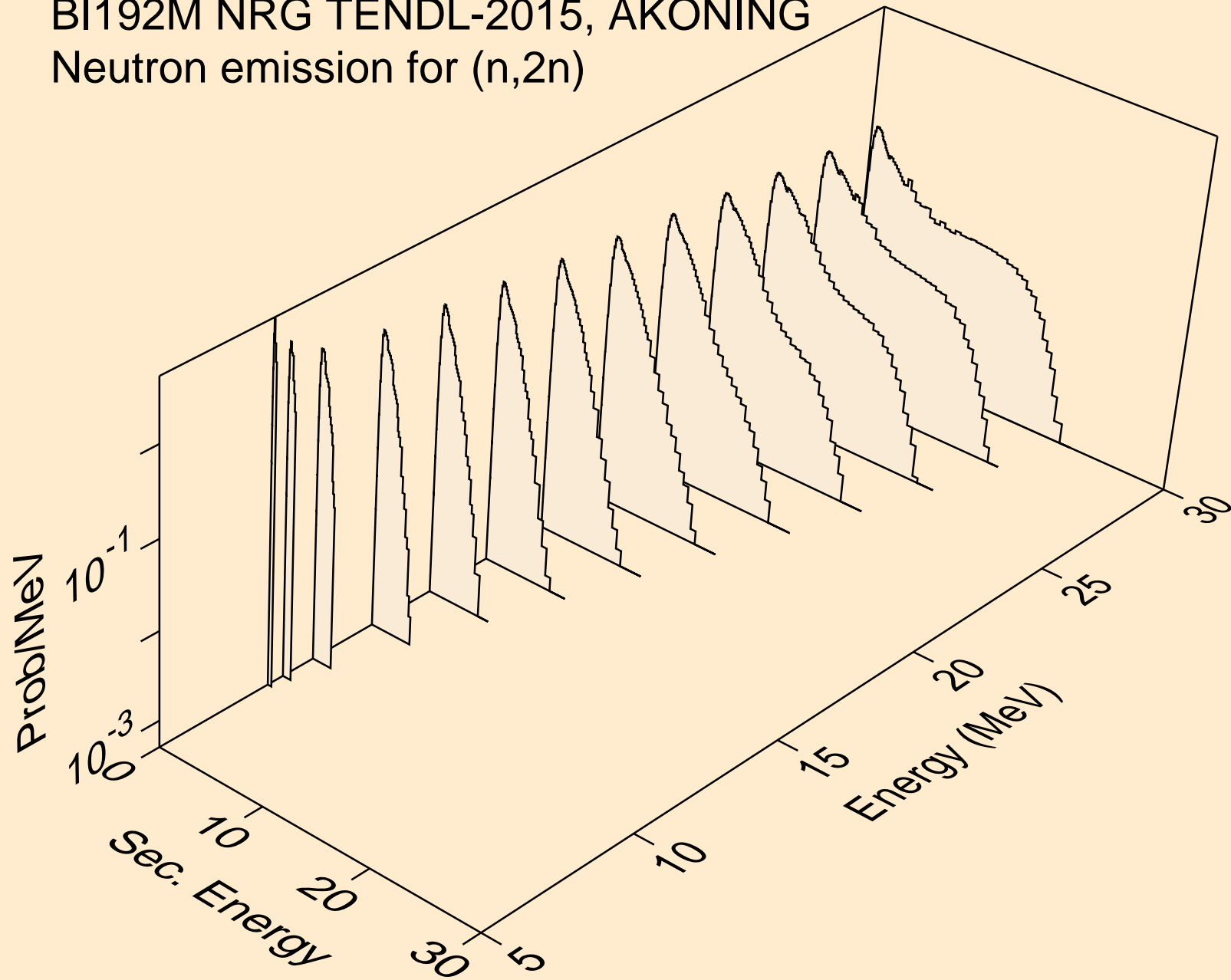
BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

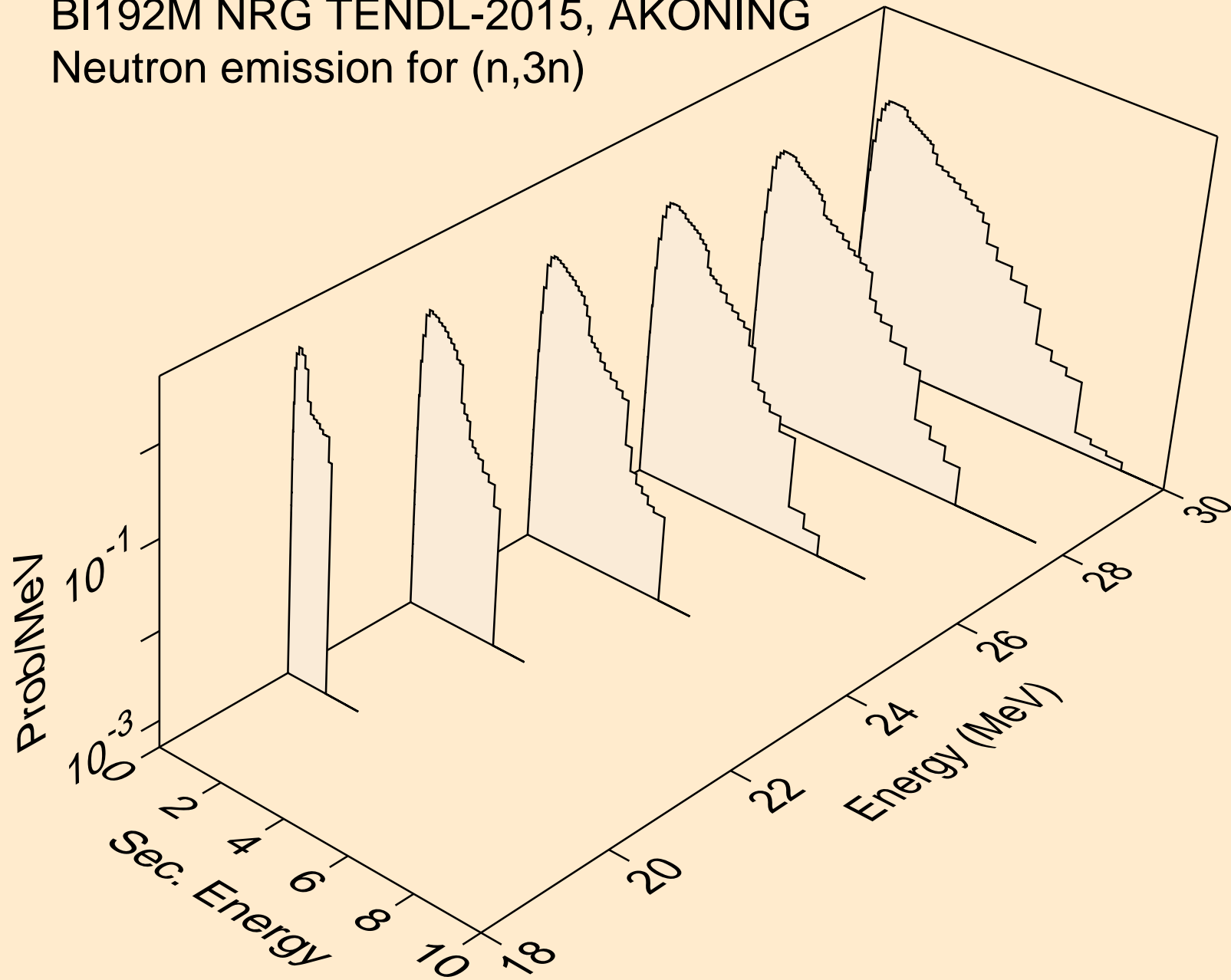


BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

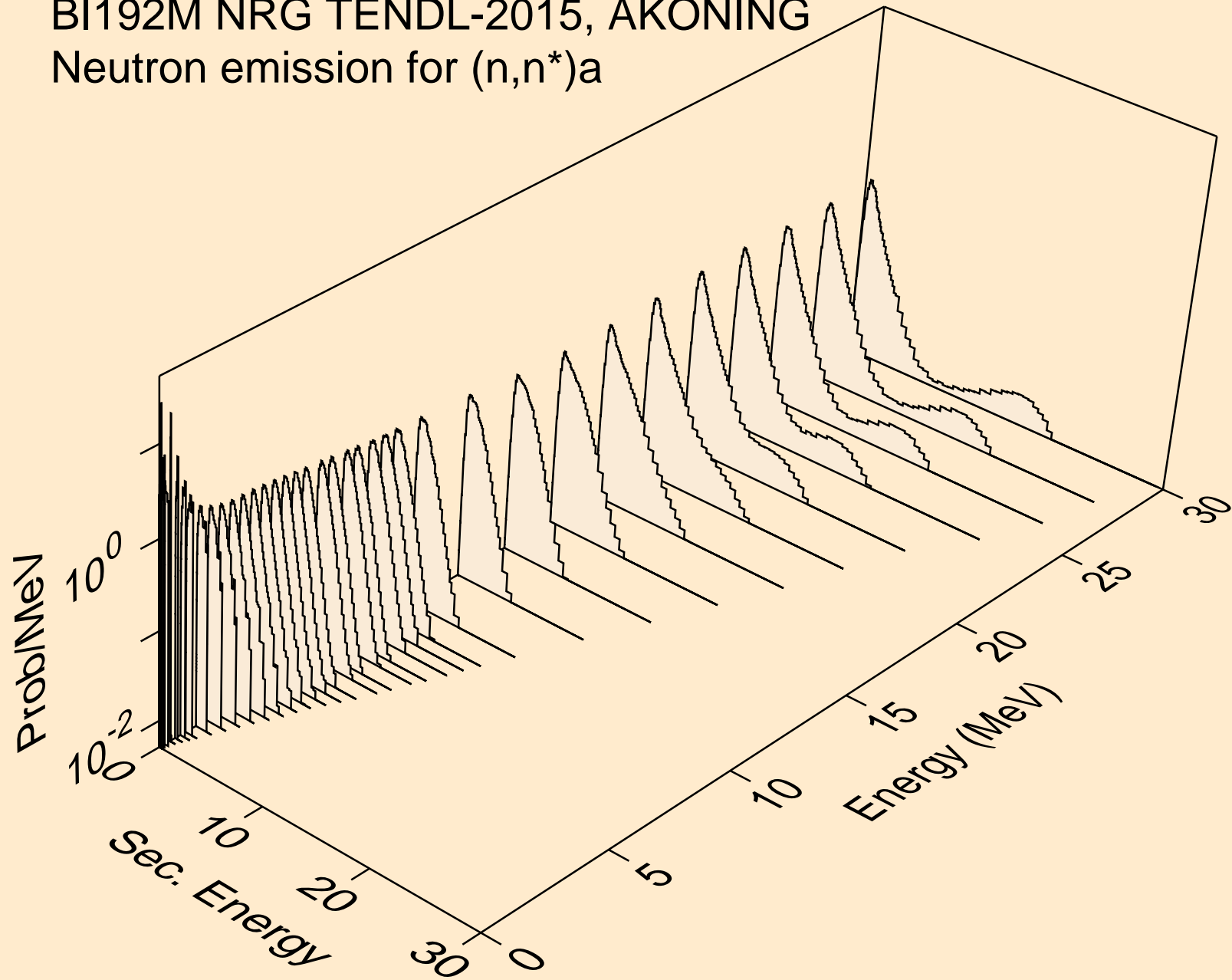




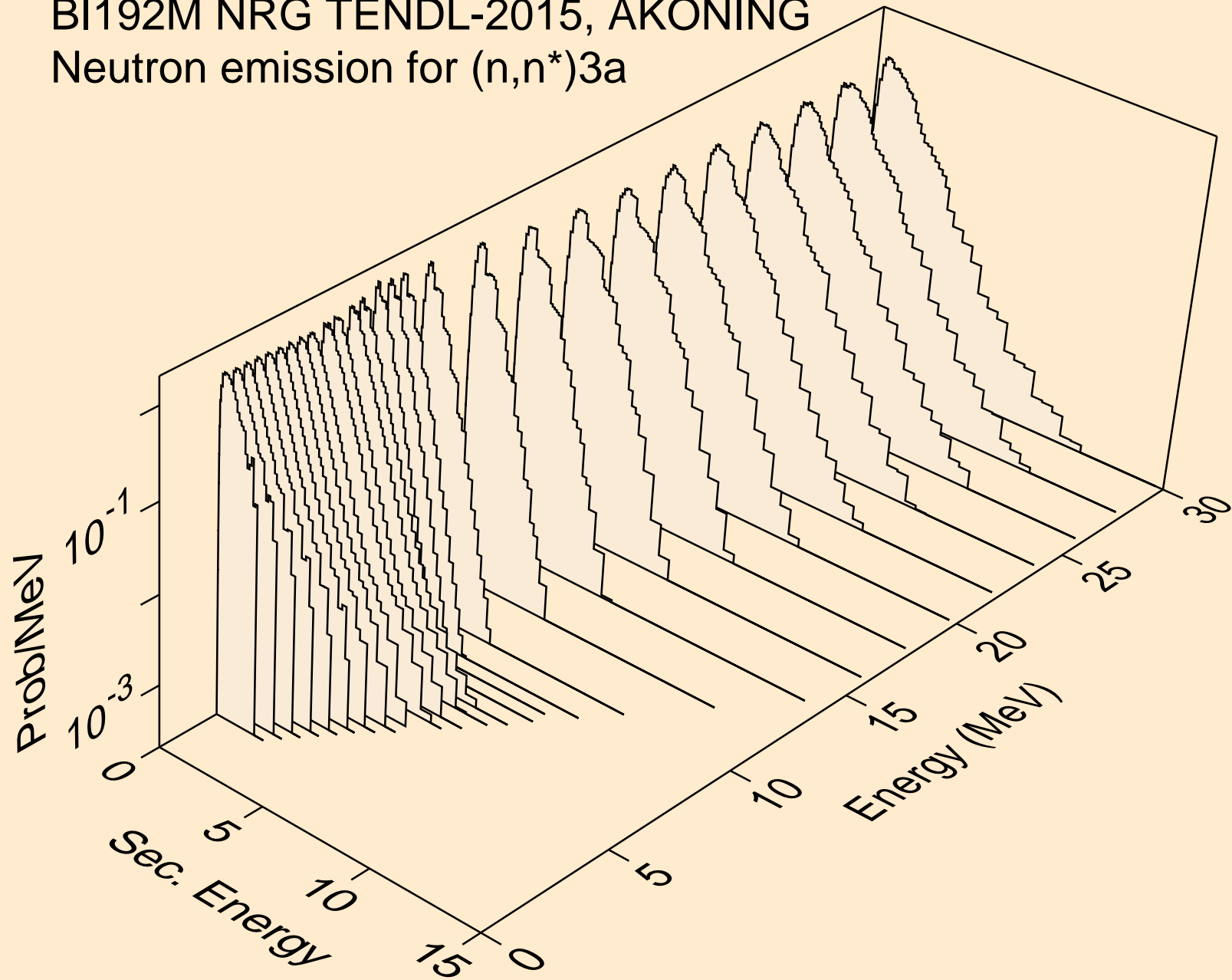
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Neutron emission for (n,3n)



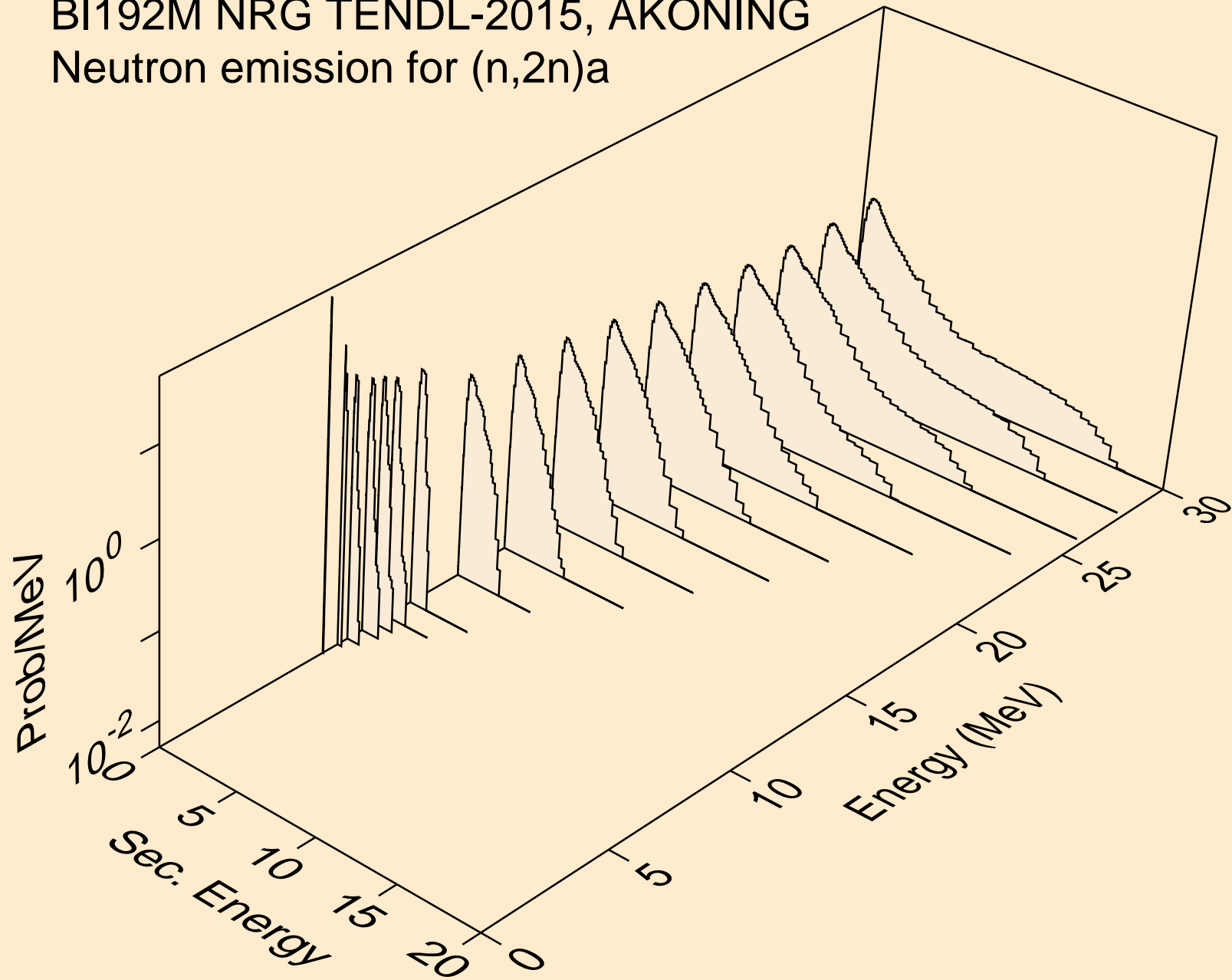
BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



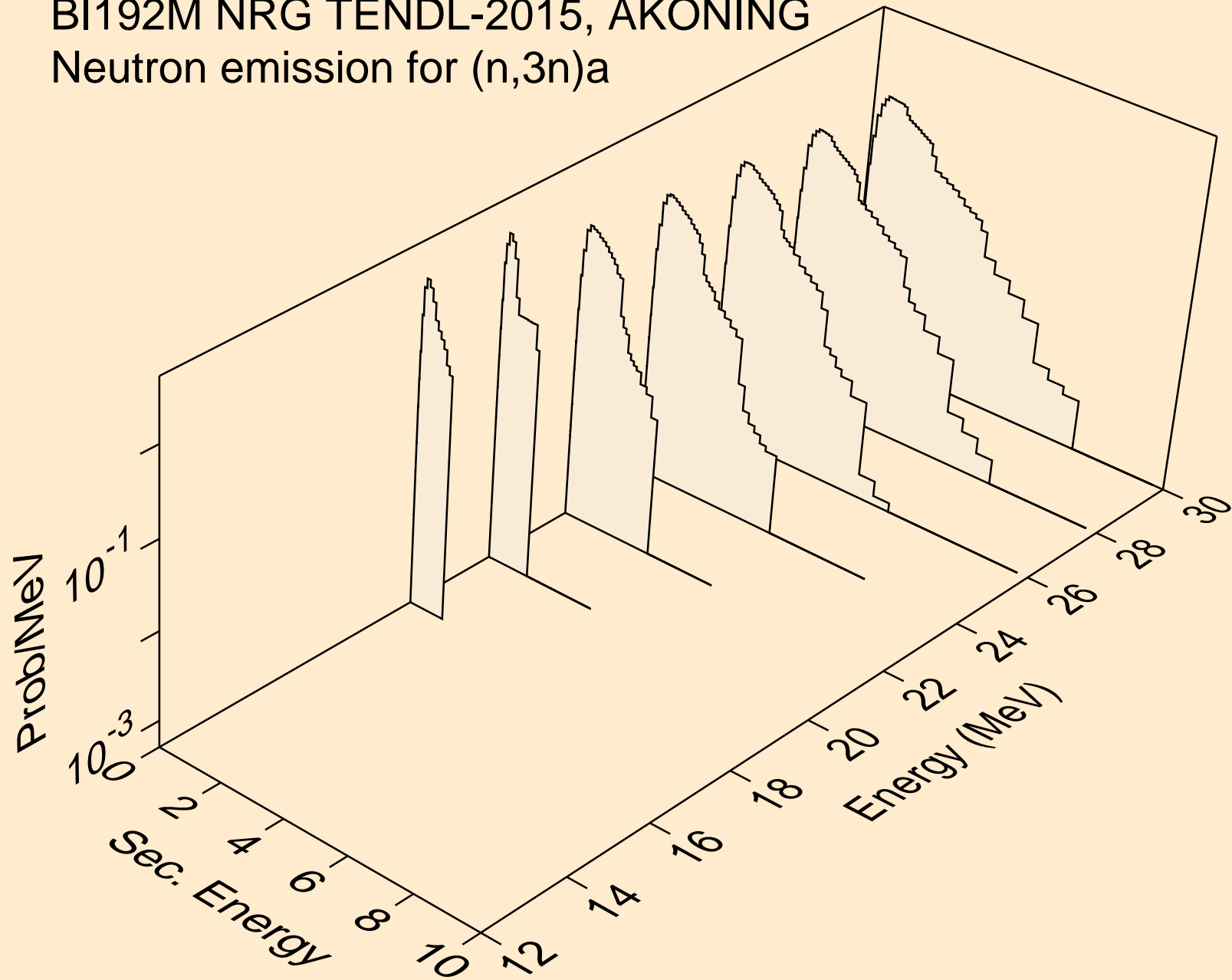
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Neutron emission for (n,n\*)3a



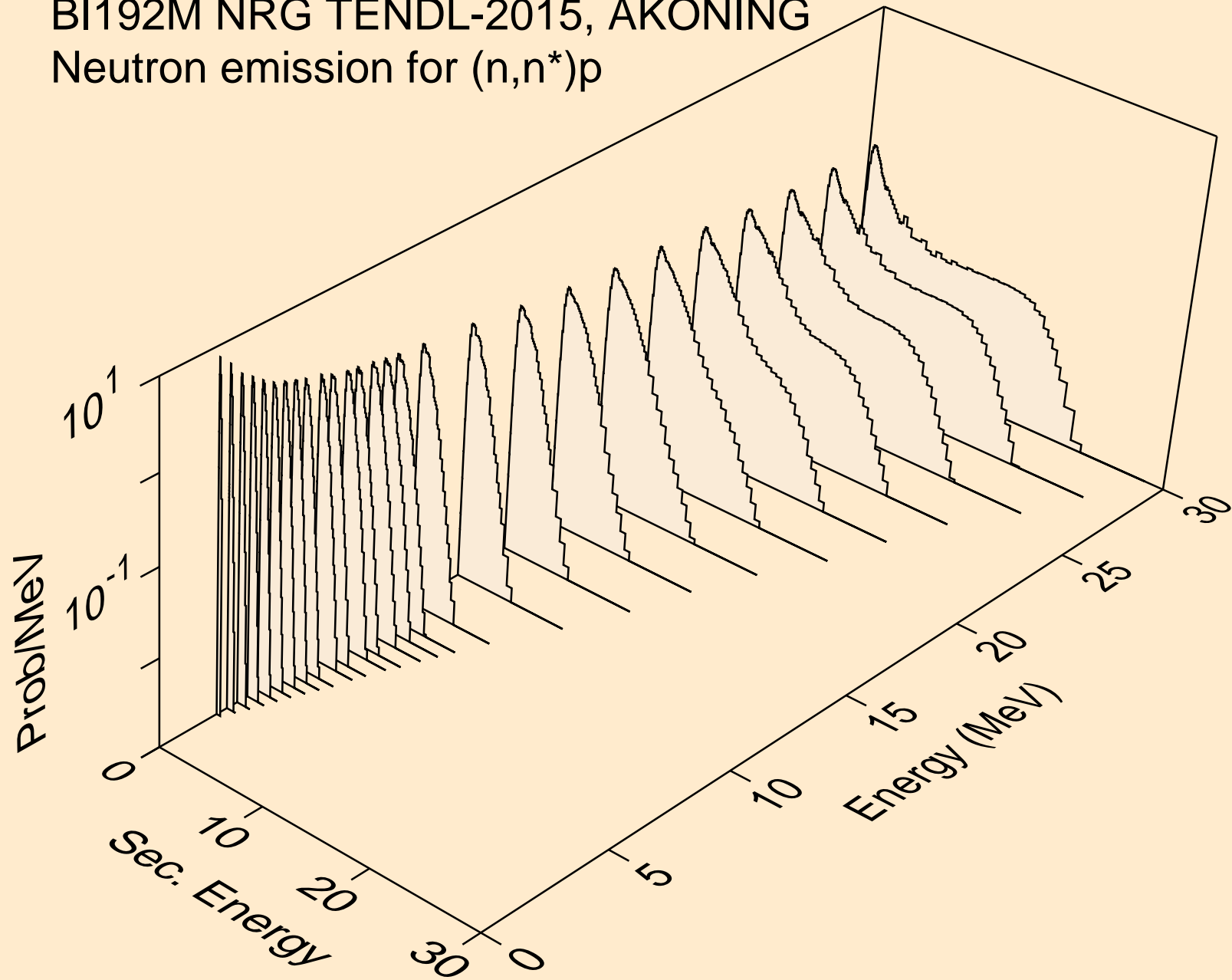
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Neutron emission for (n,2n)a



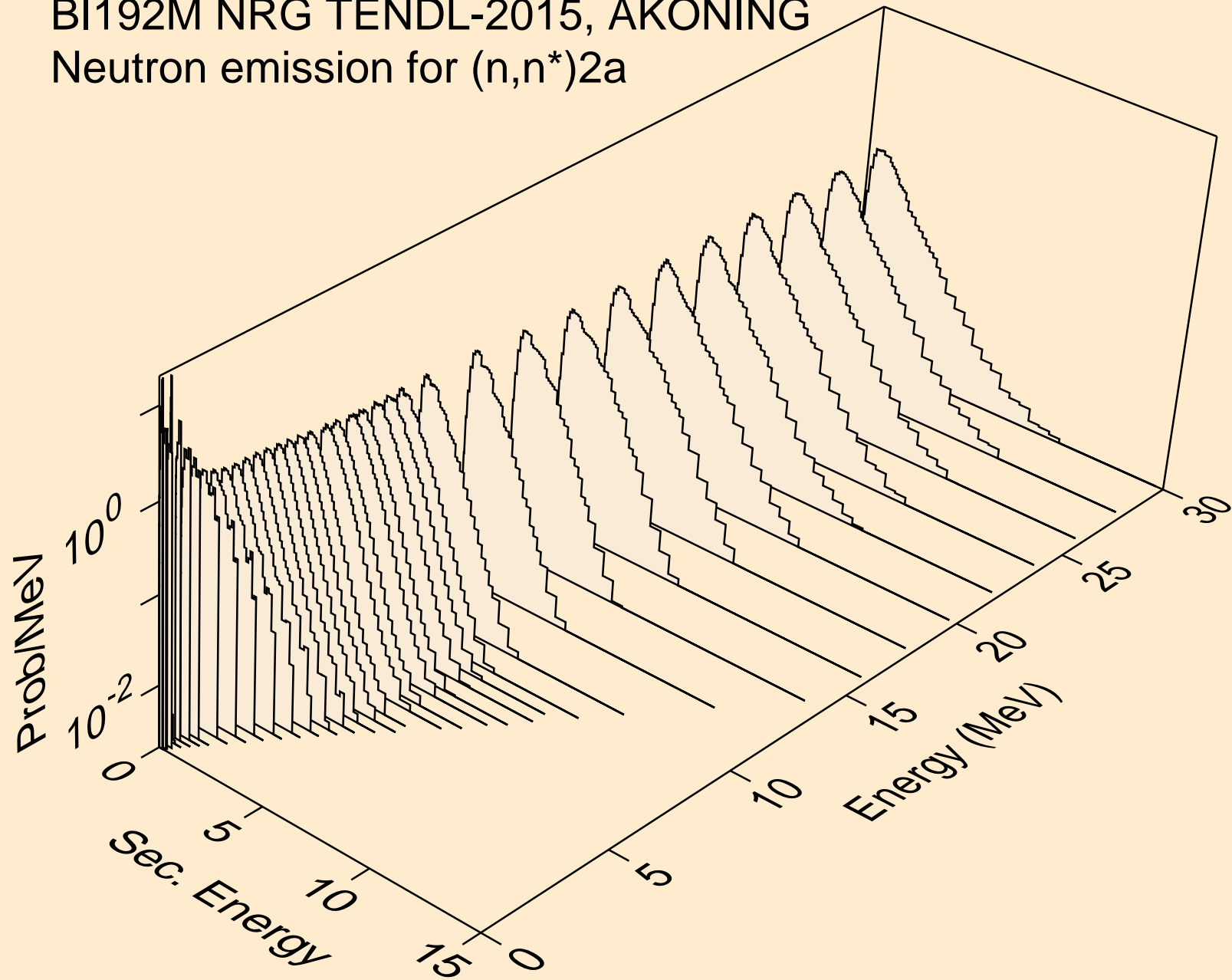
BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



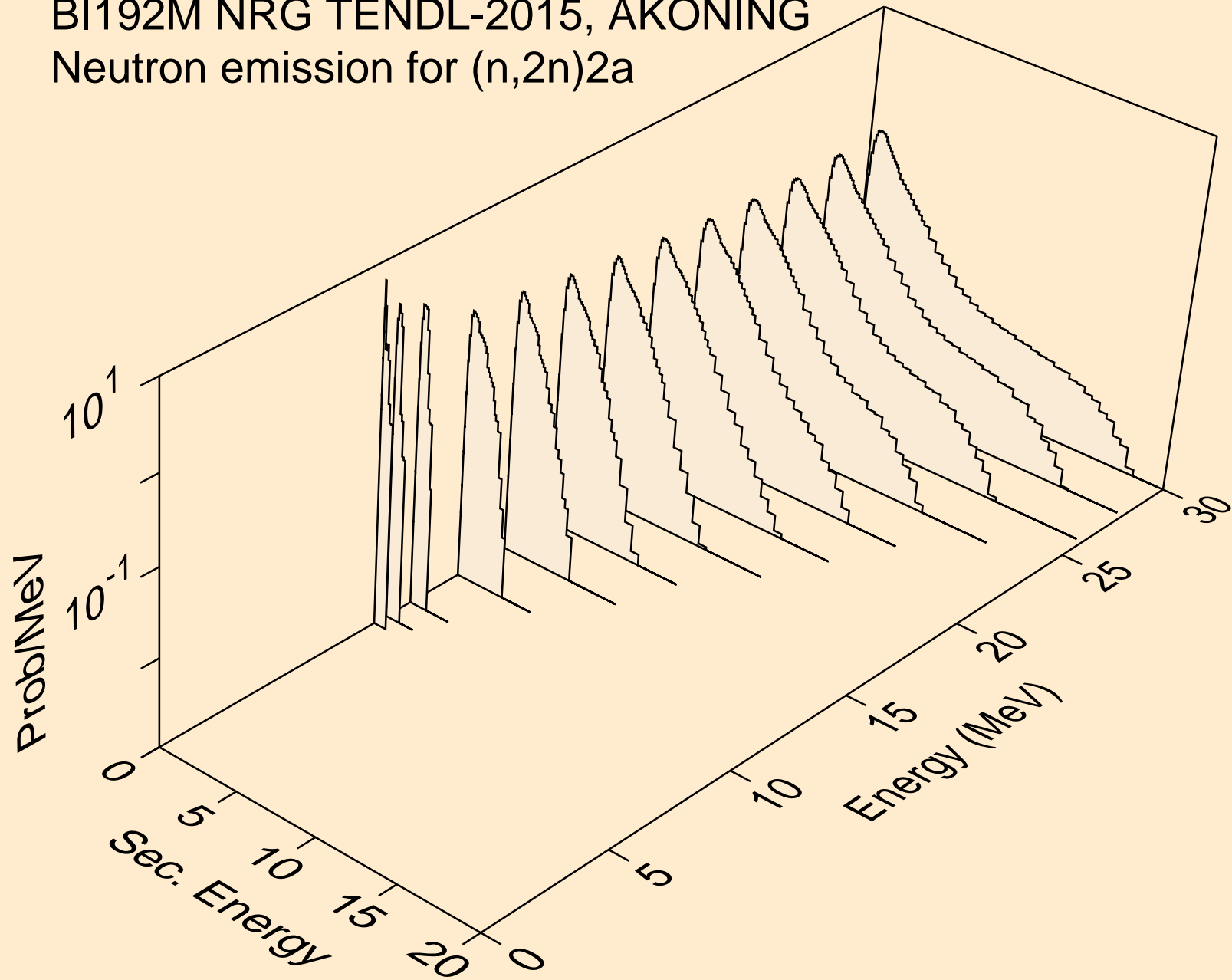
BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

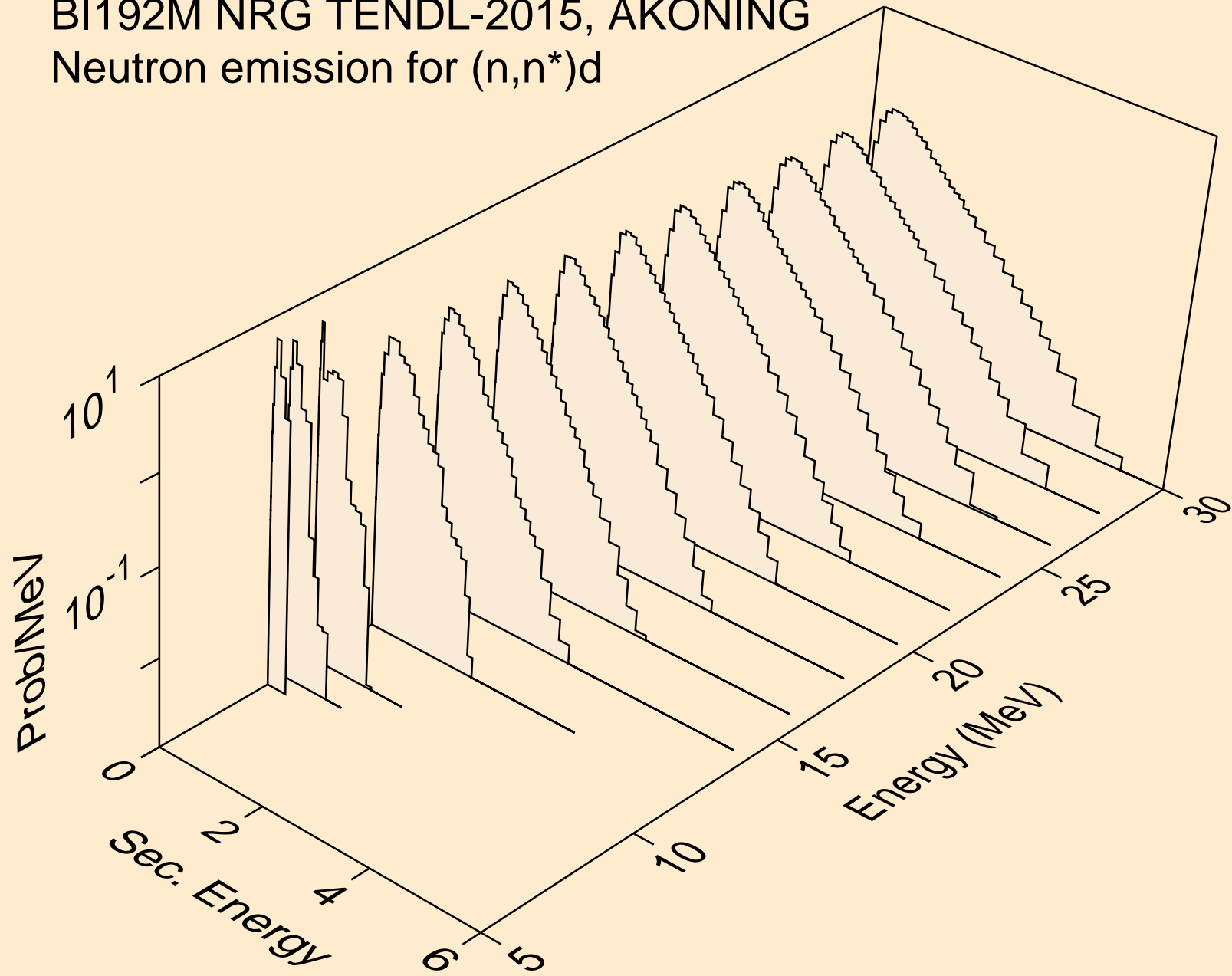


BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

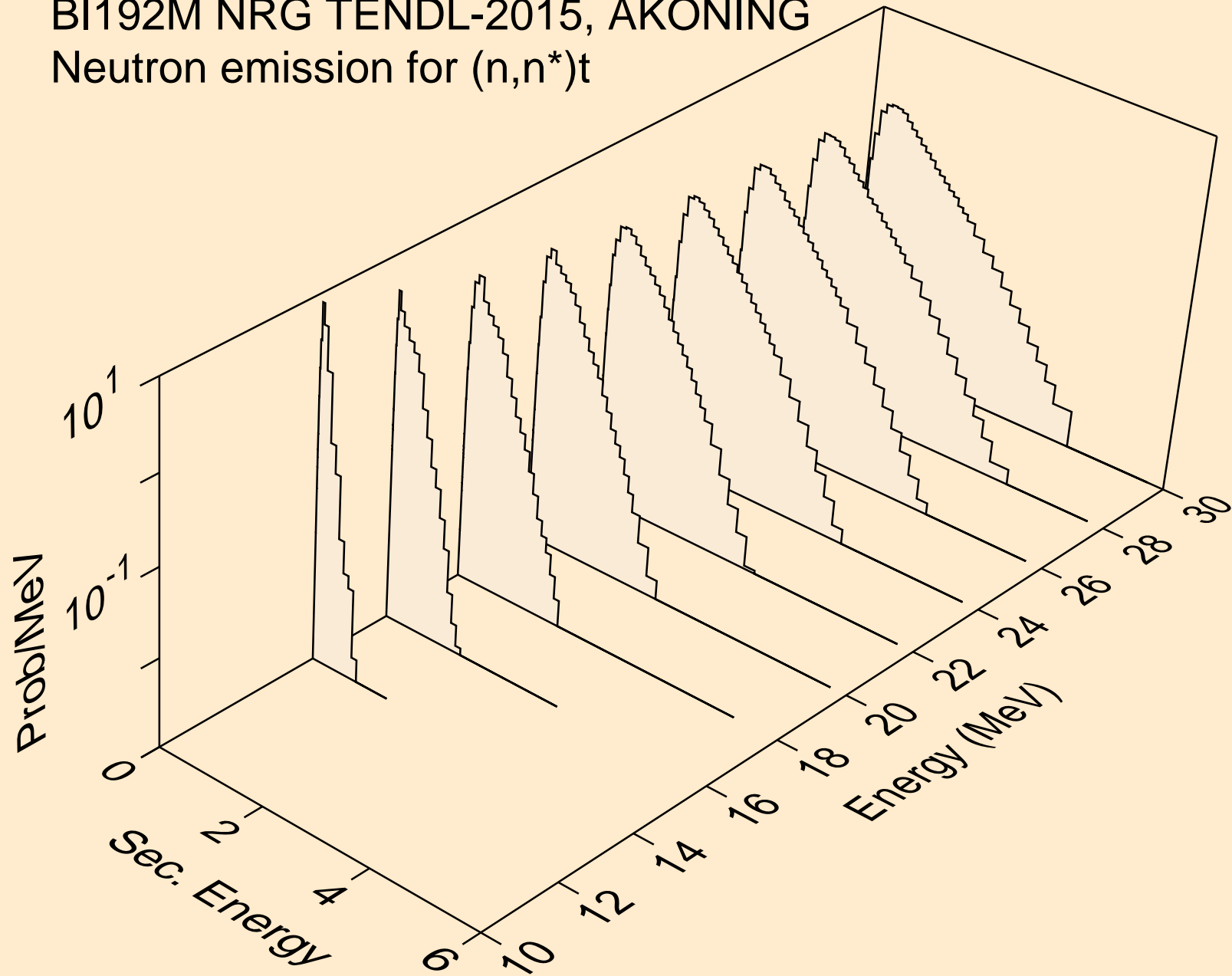




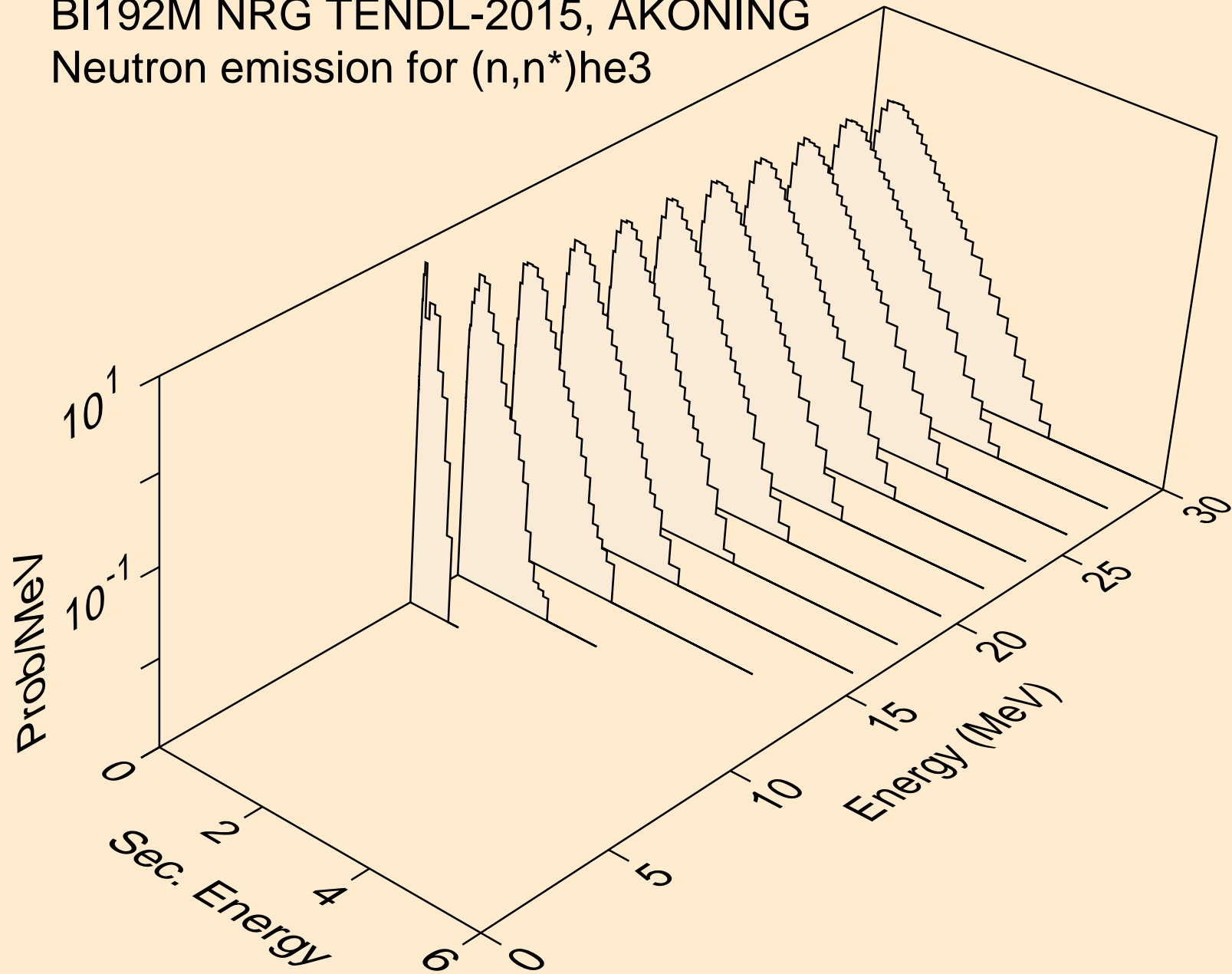
BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



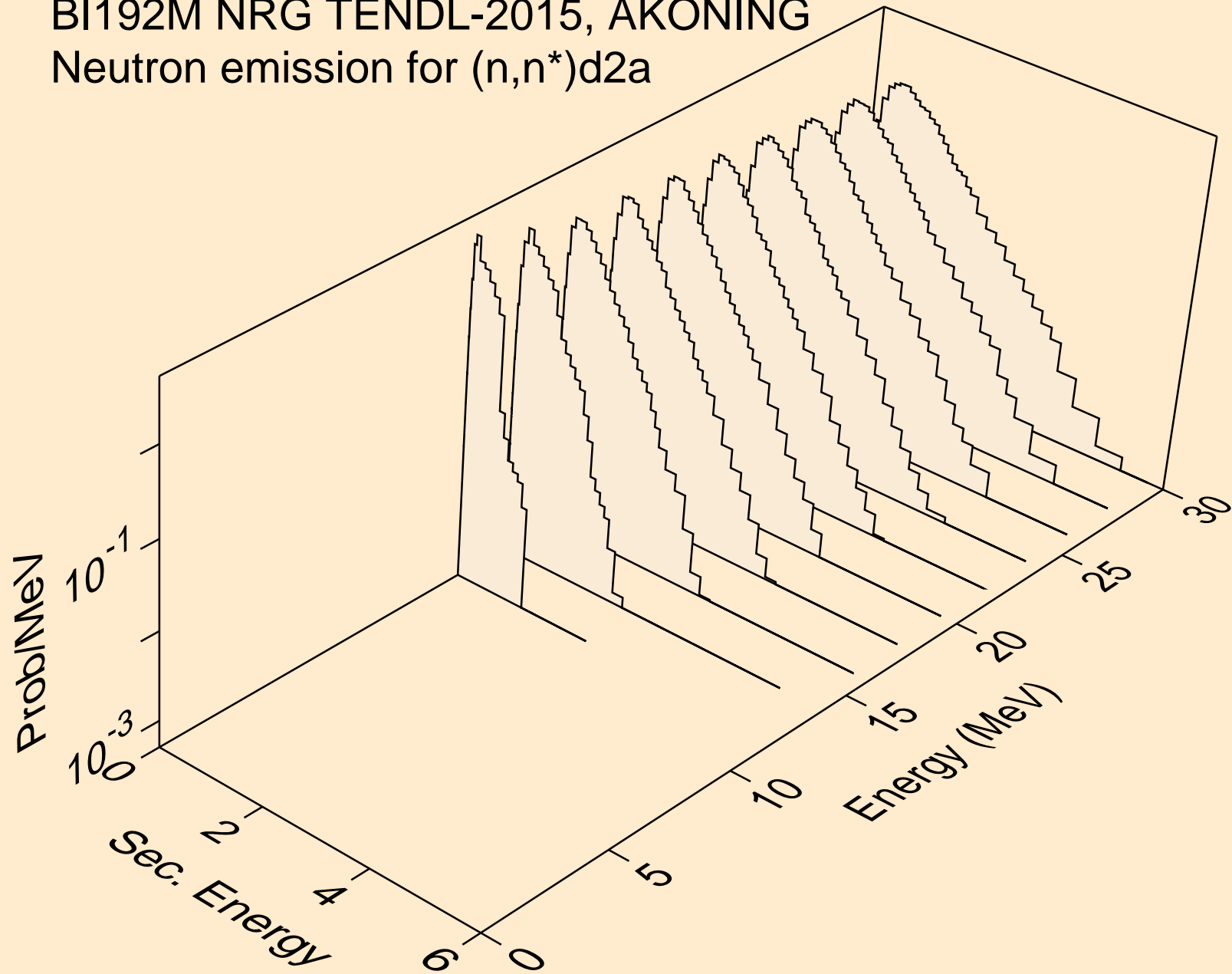
BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



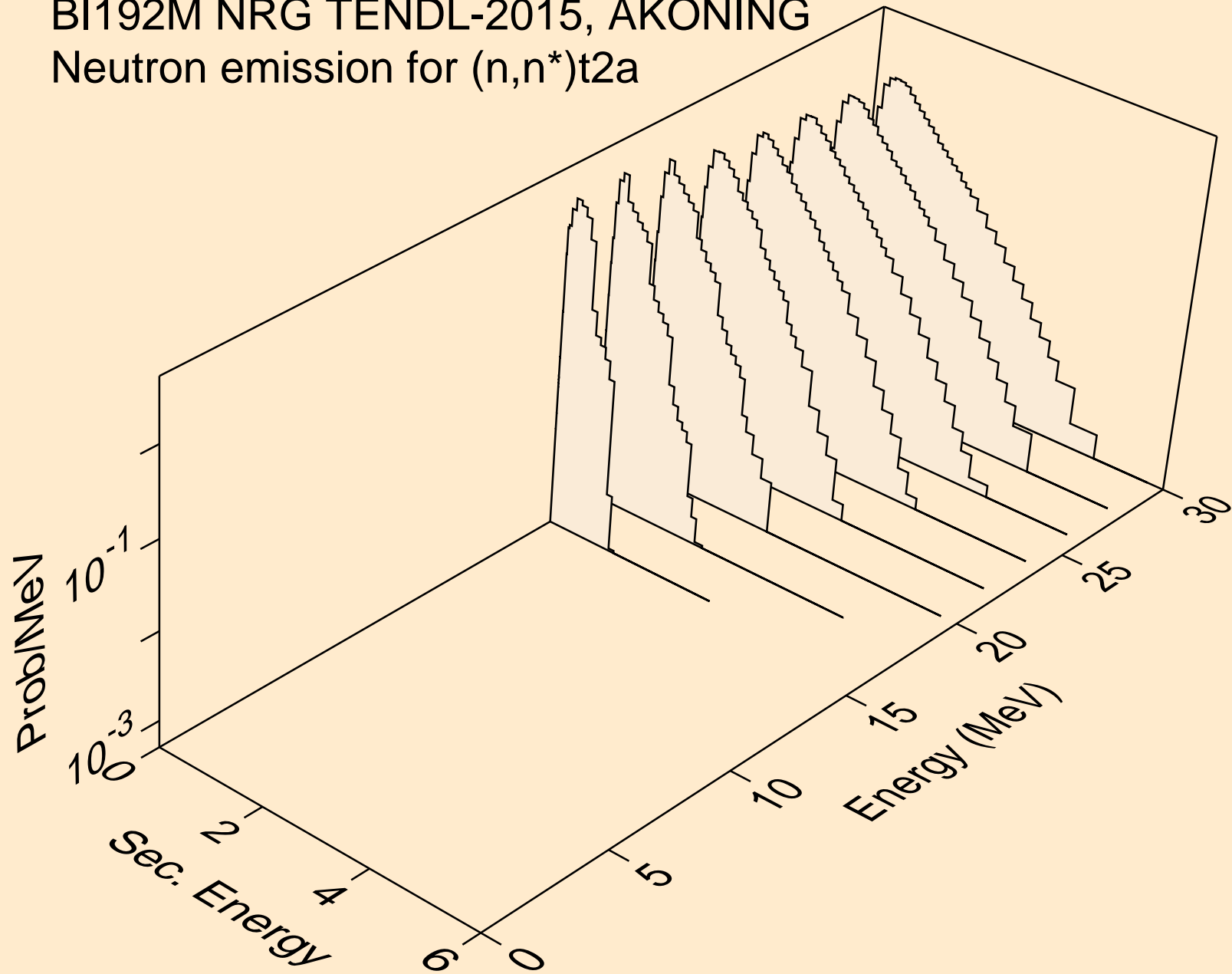
BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



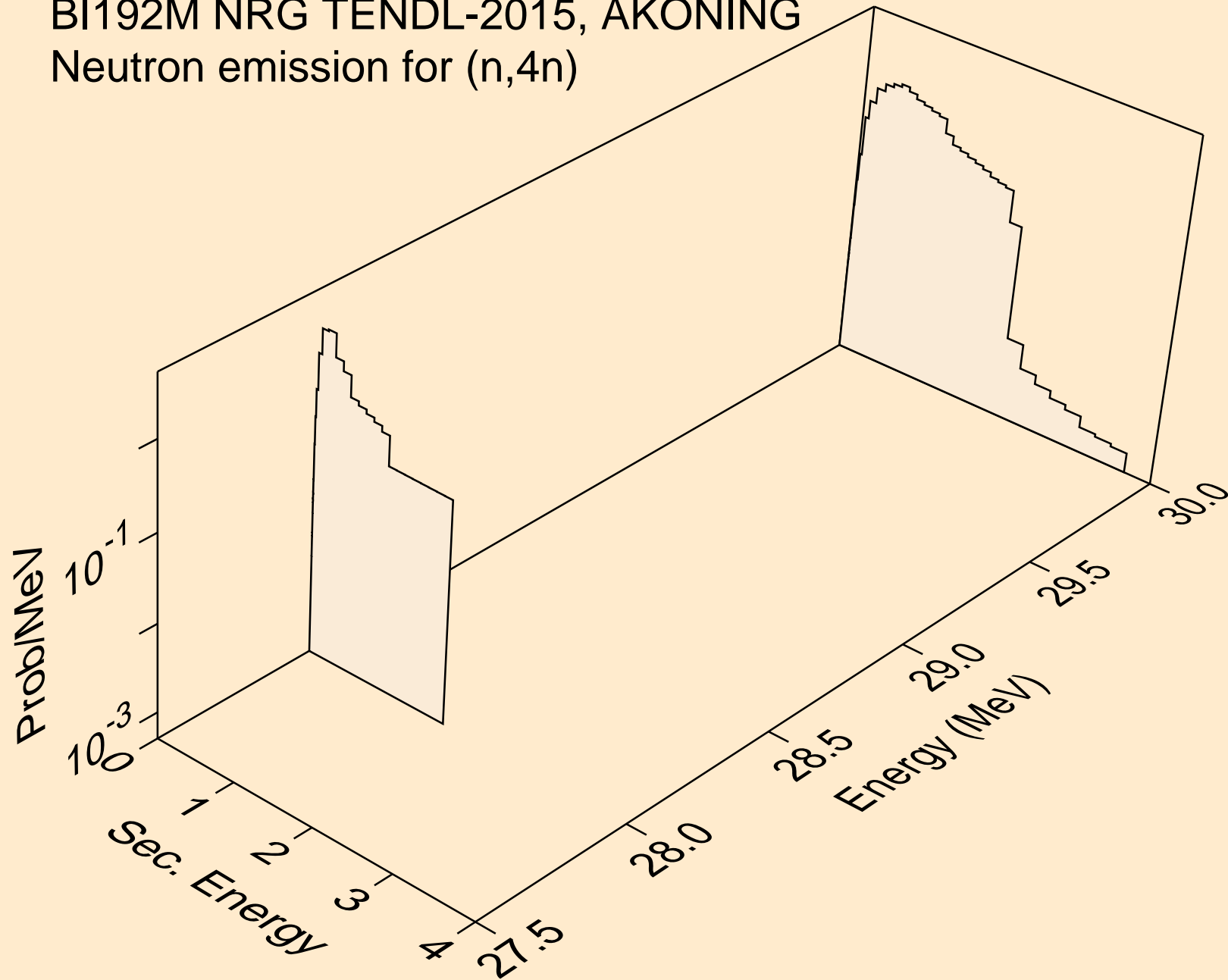
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Neutron emission for (n,n\*)d2a



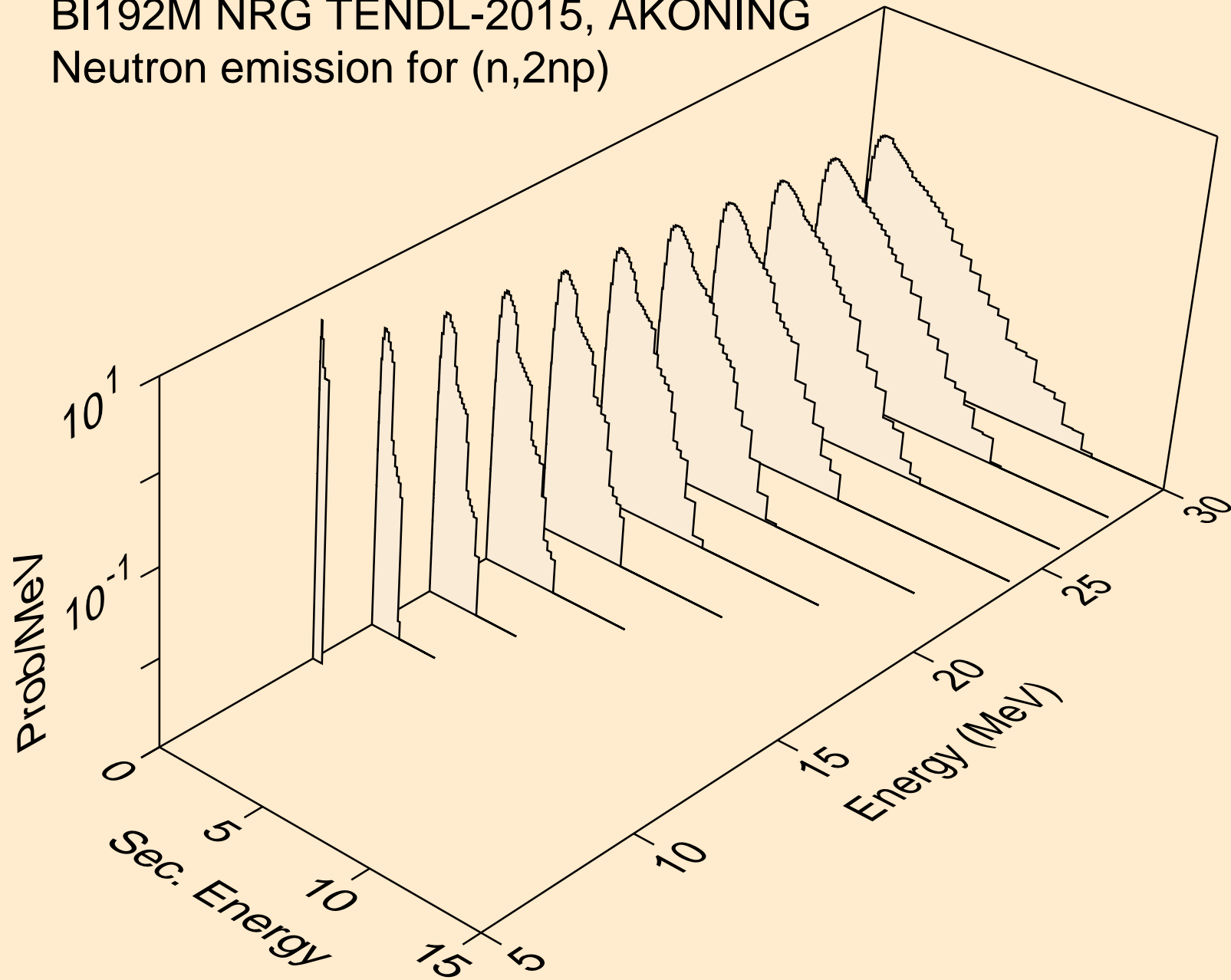
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Neutron emission for (n,n\*)t2a



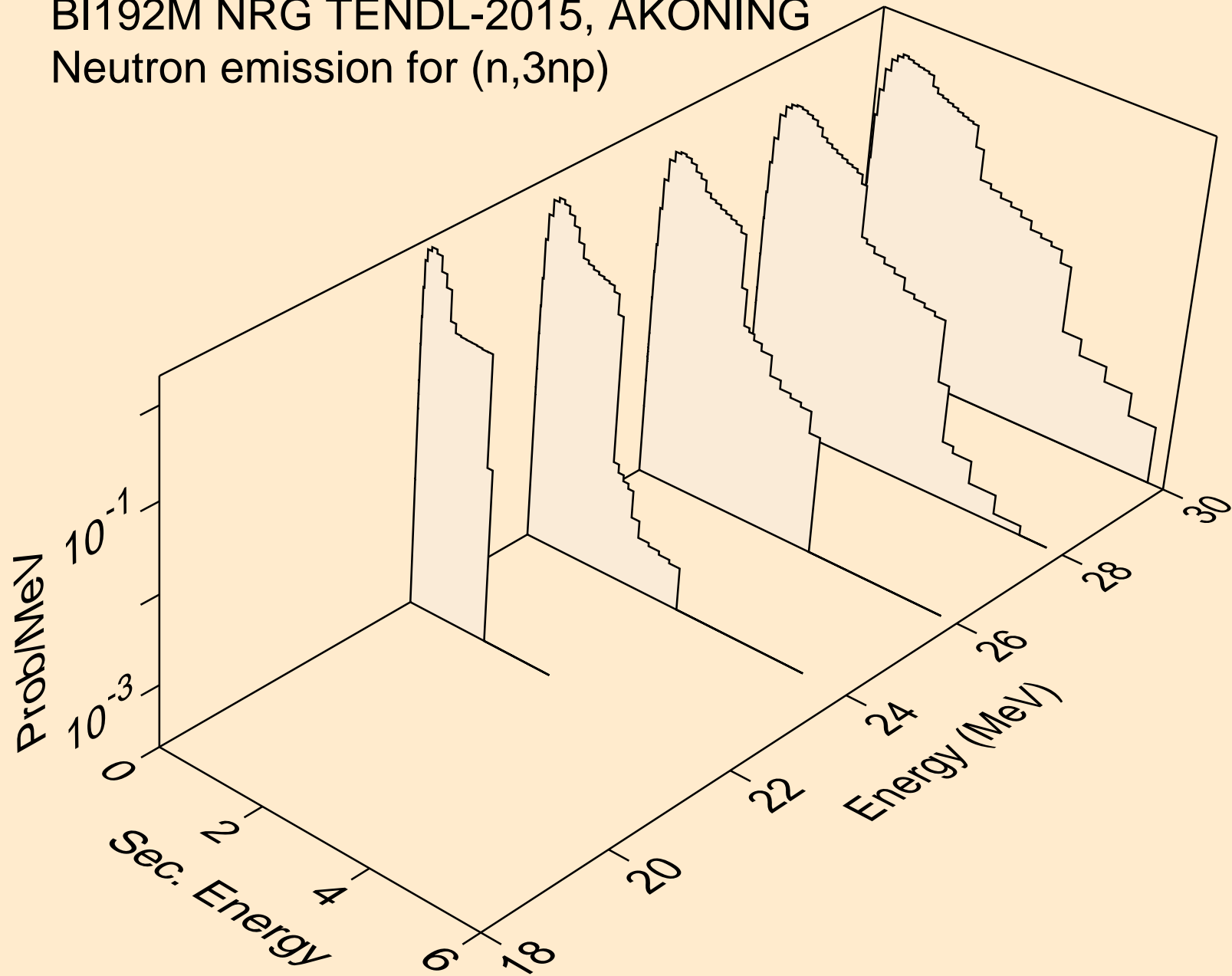
BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

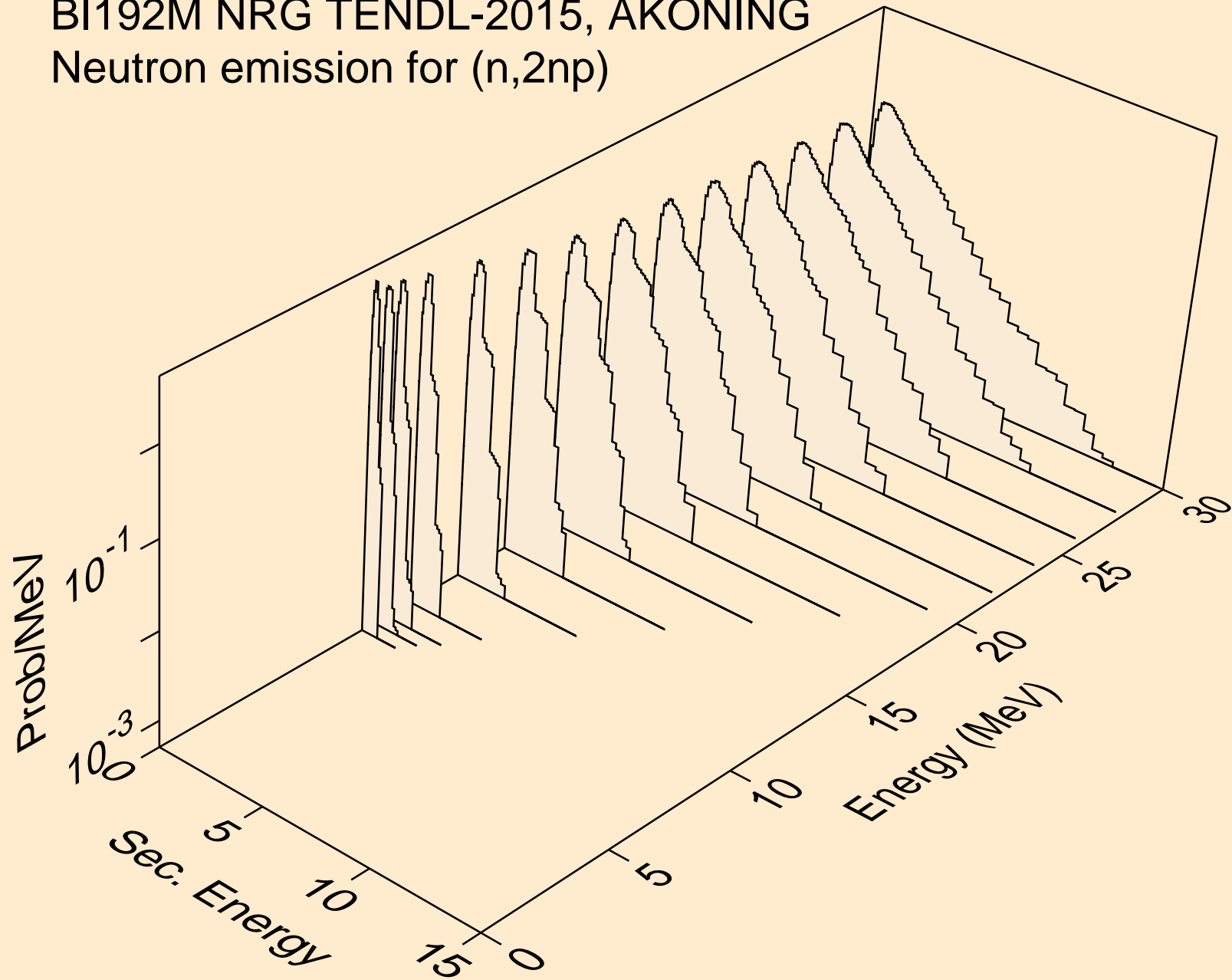


BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

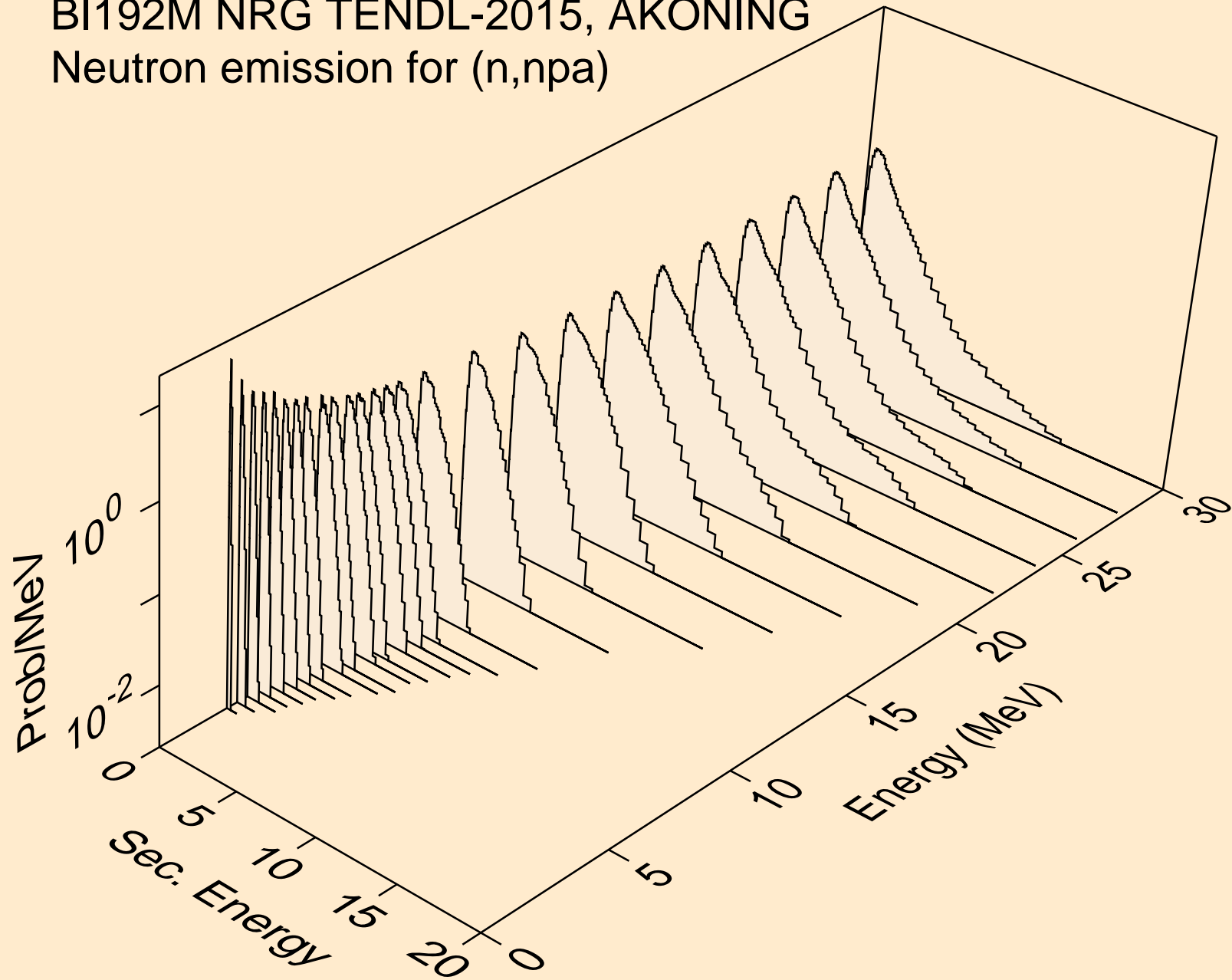




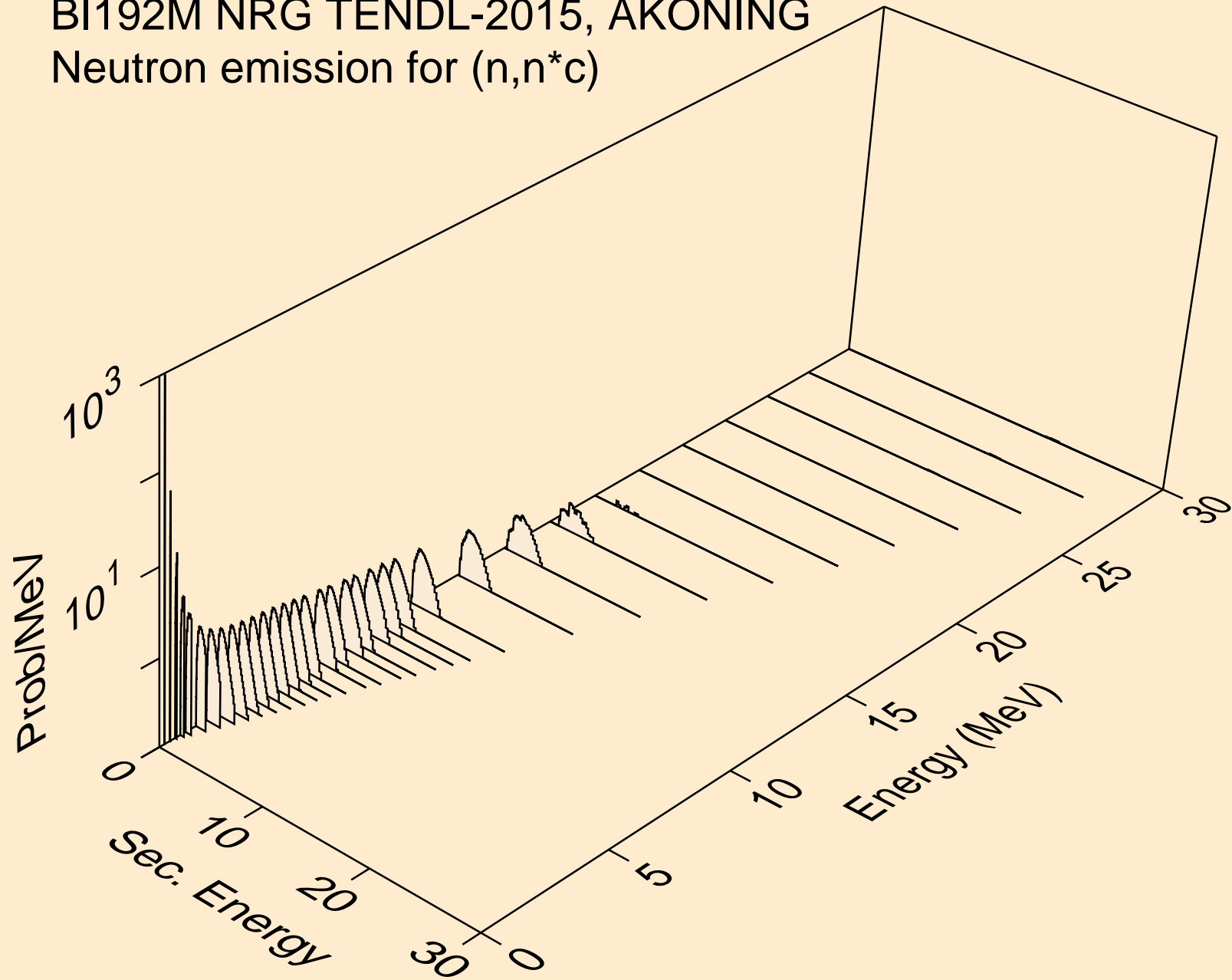
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Neutron emission for (n,2np)



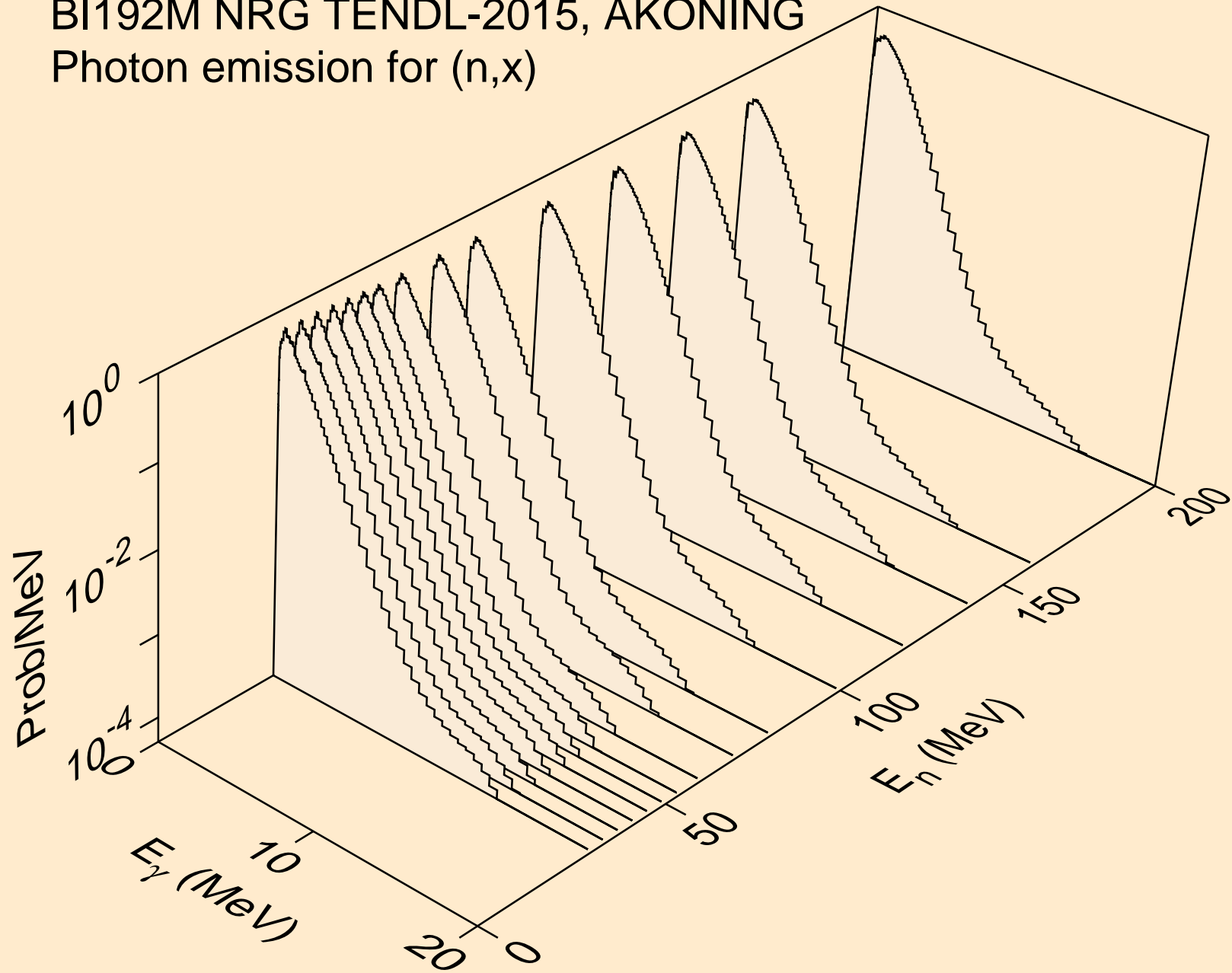
BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



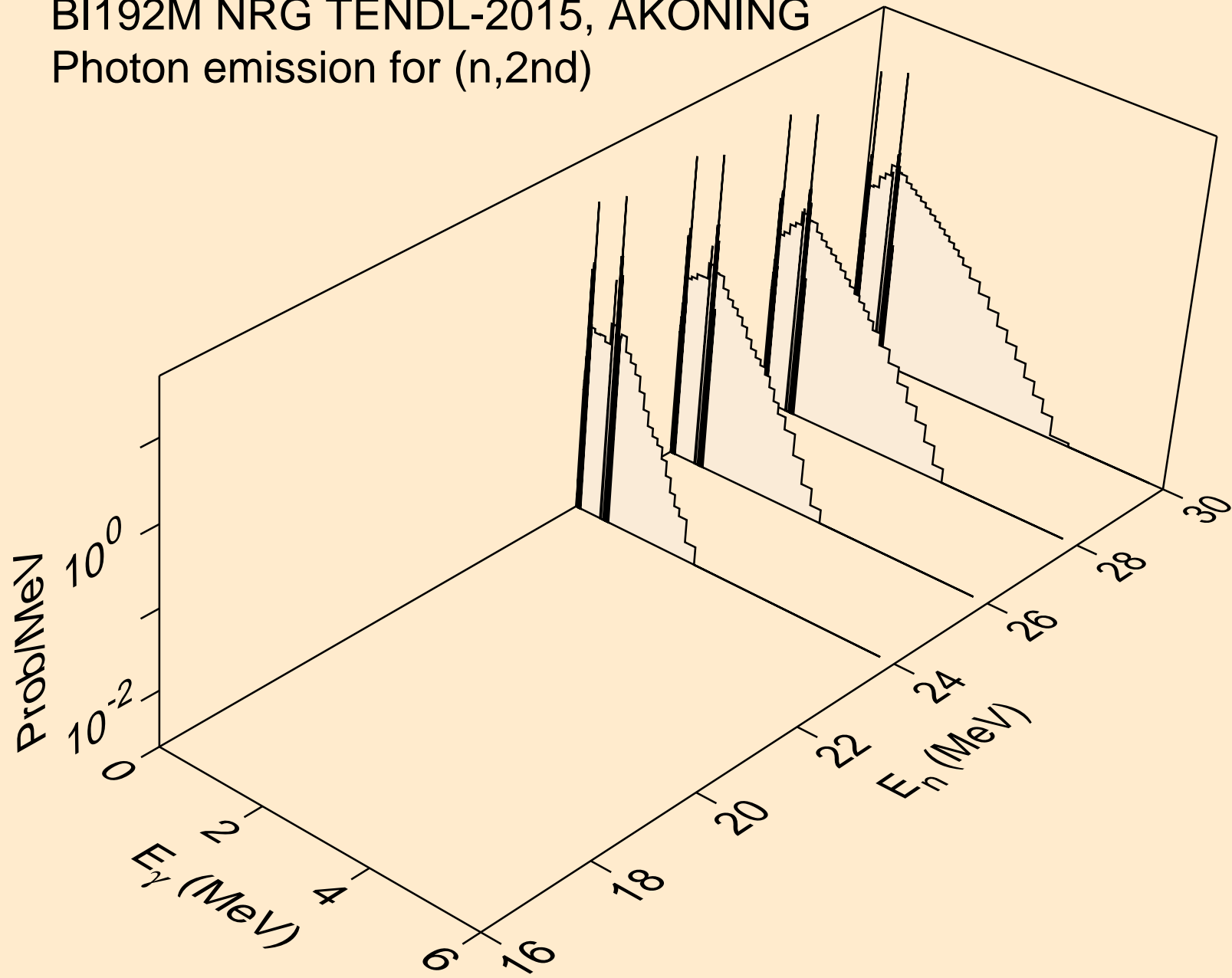
BI192M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



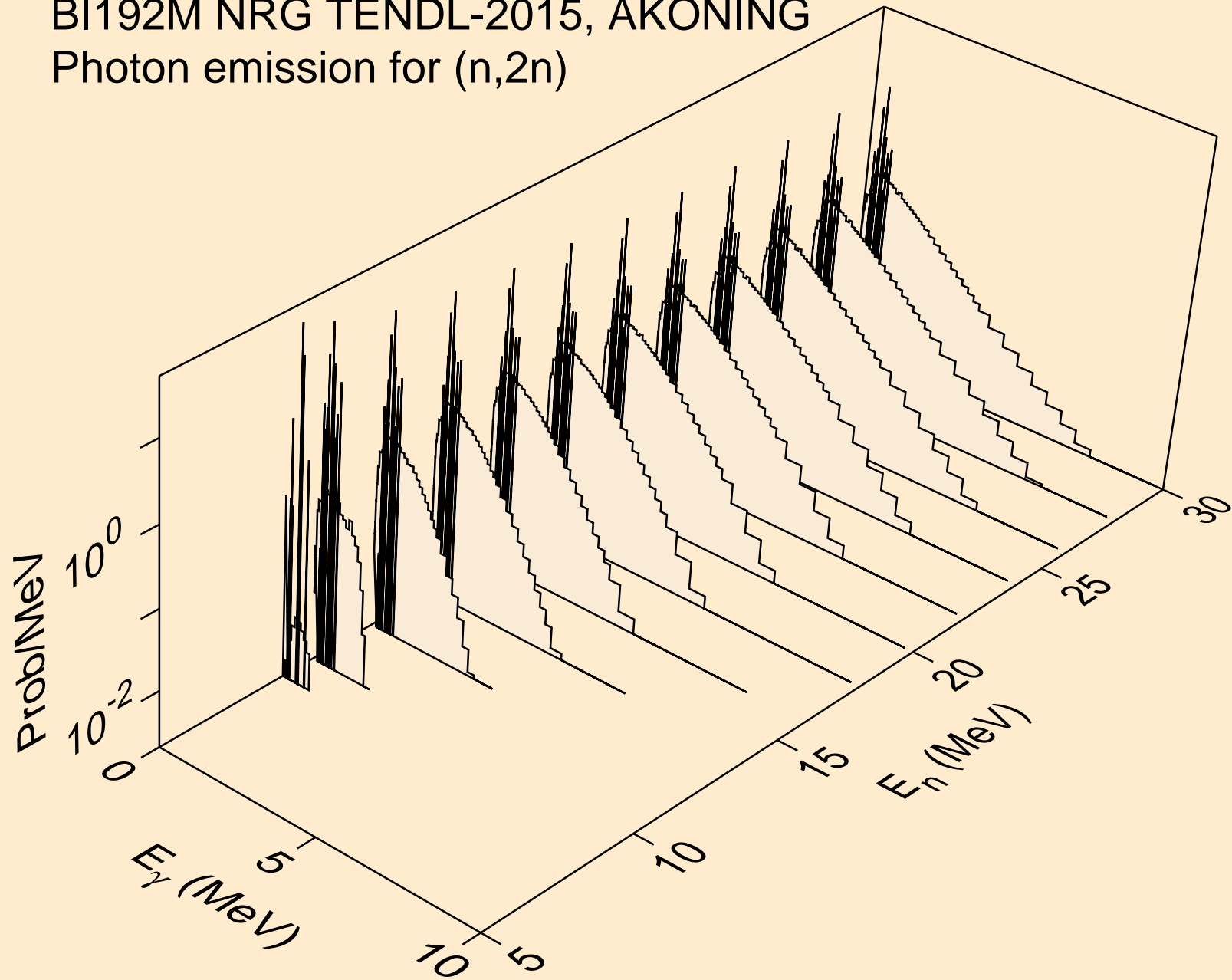
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Photon emission for (n,x)



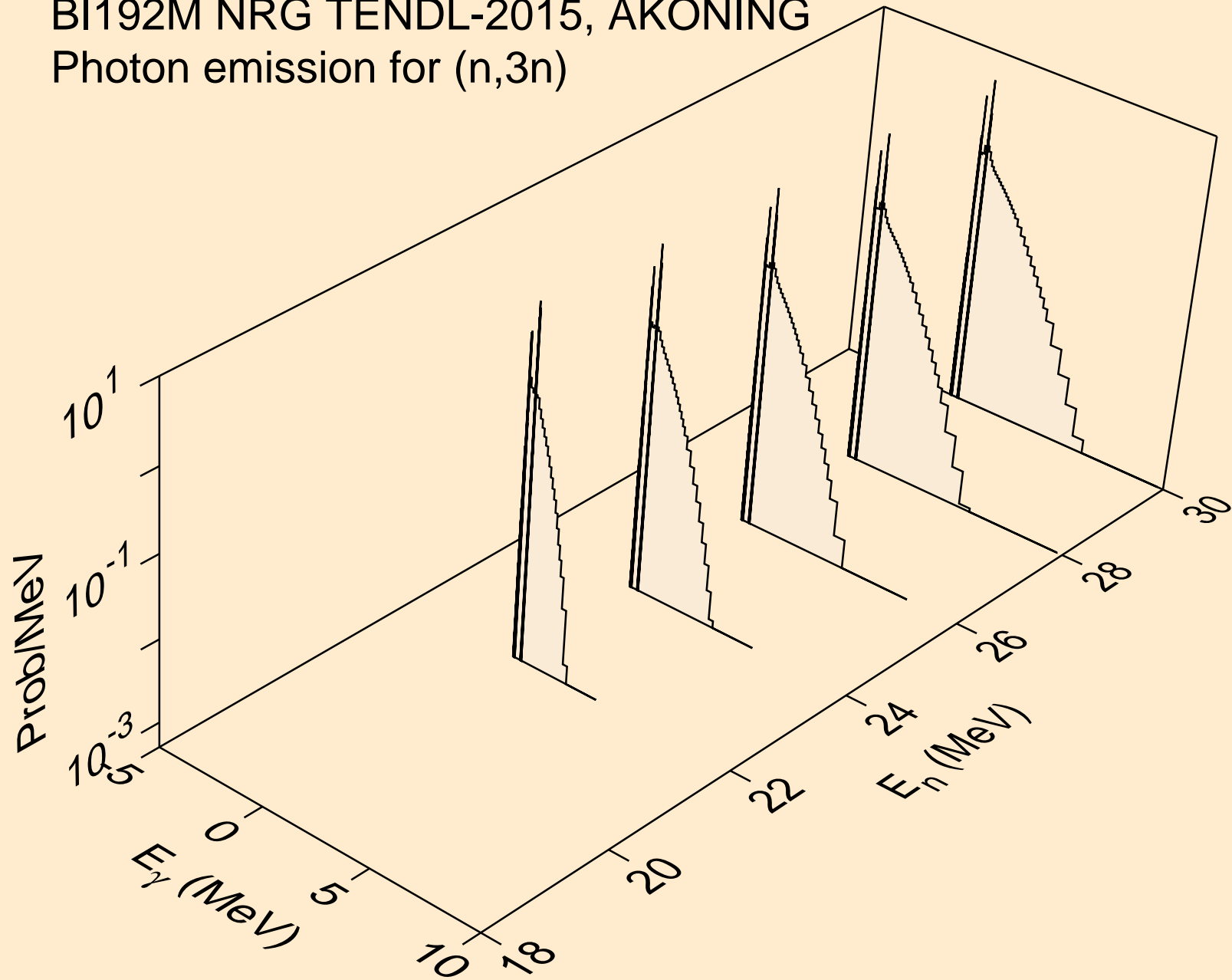
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Photon emission for (n,2nd)



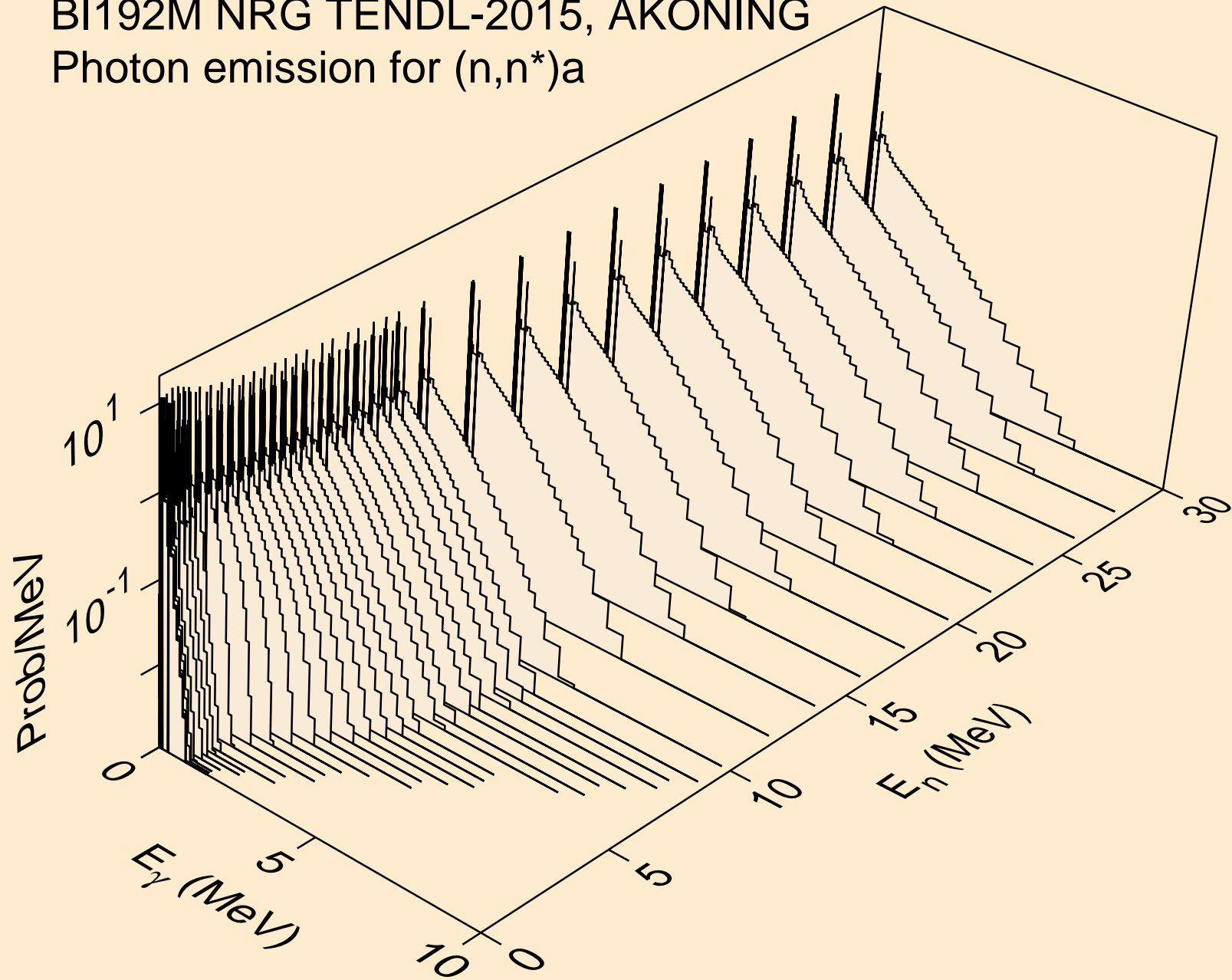
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

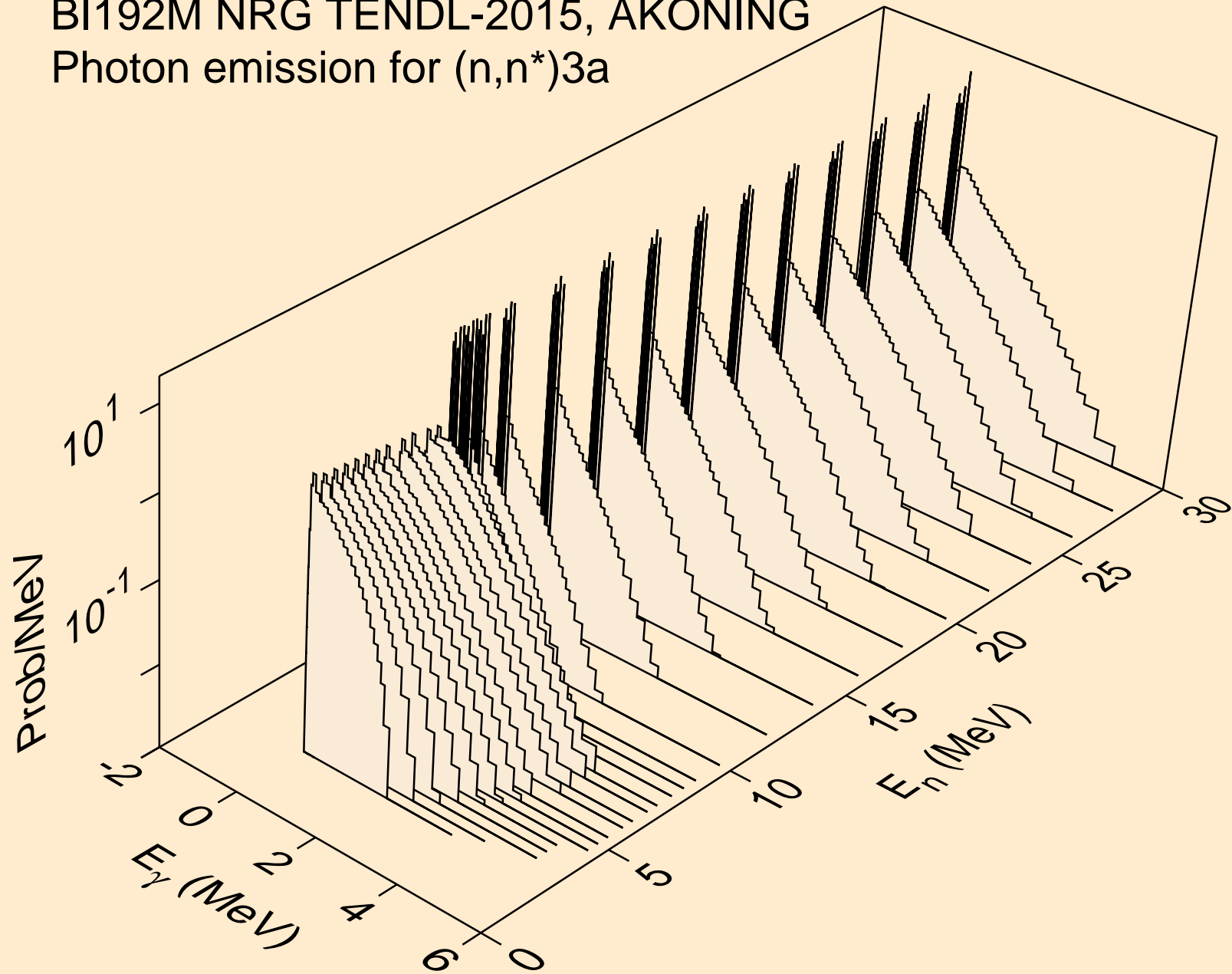


BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

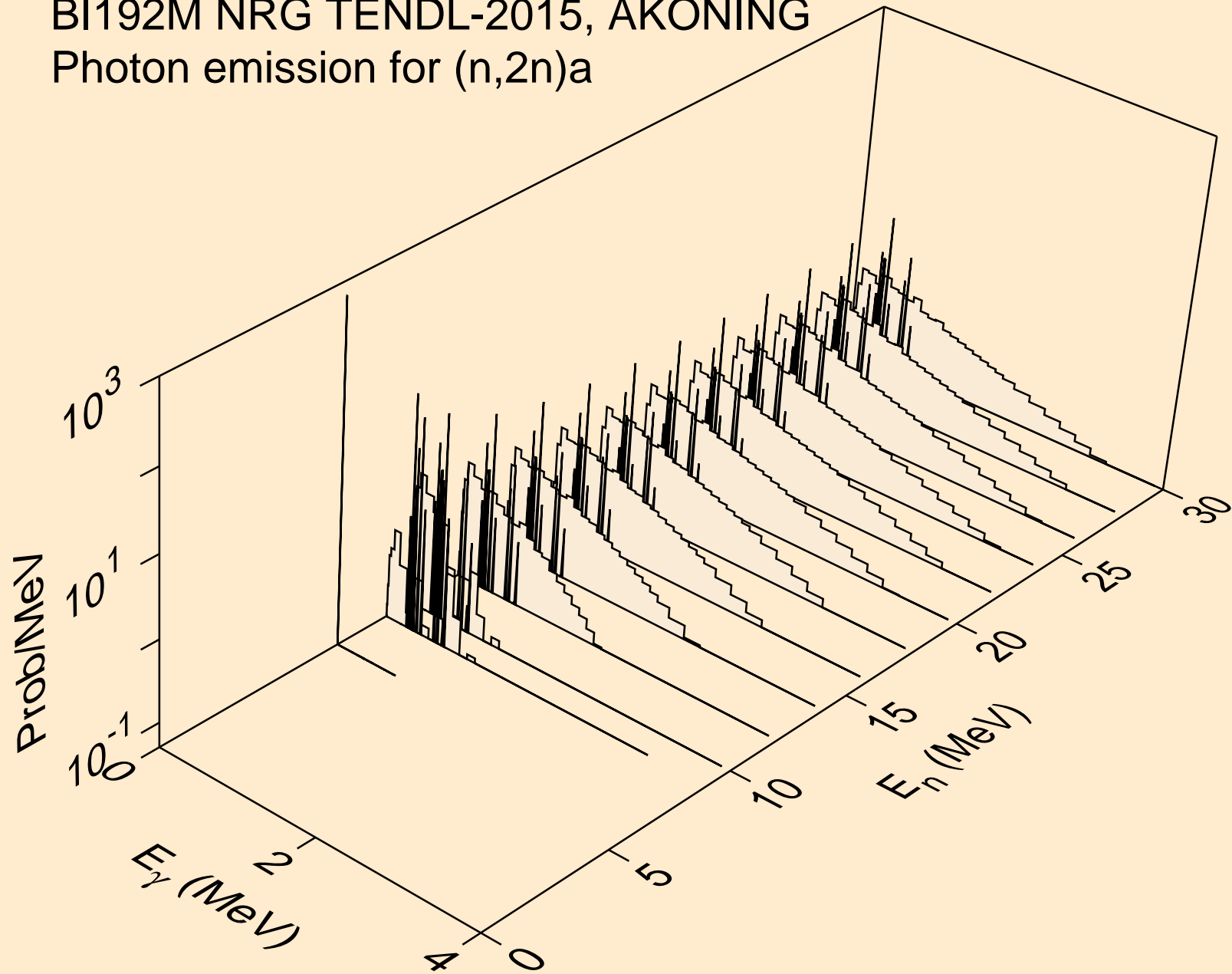




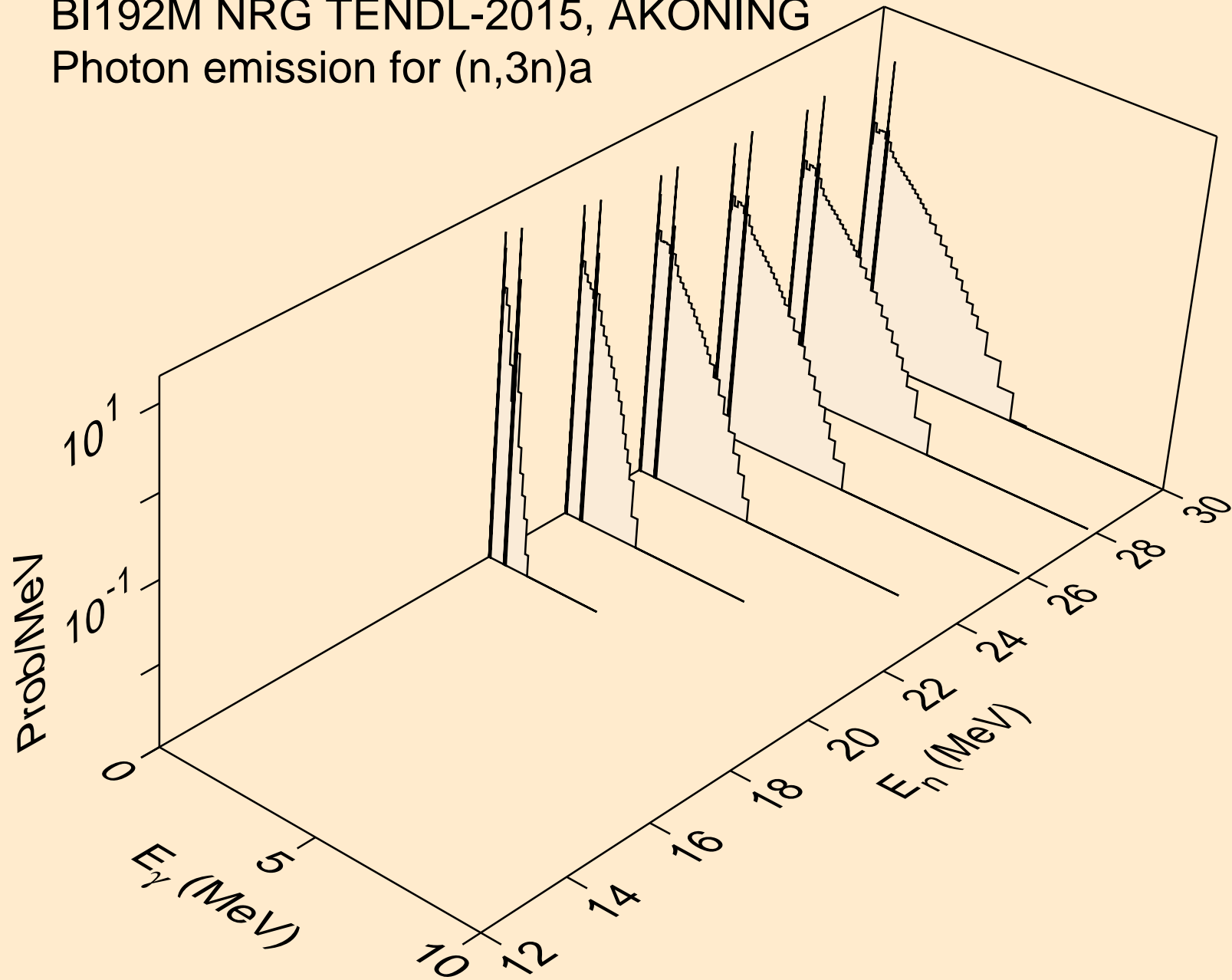
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Photon emission for (n,n\*)3a



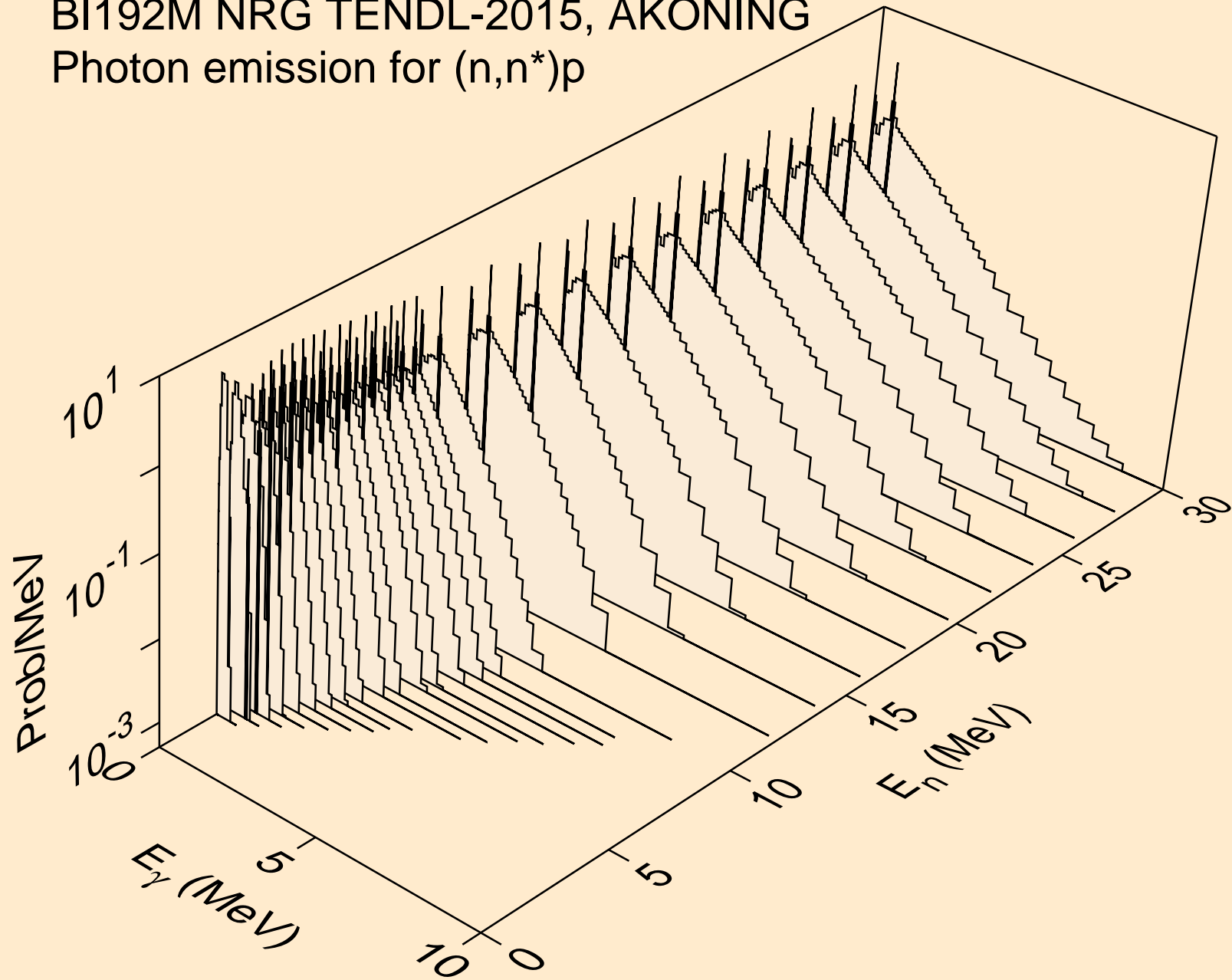
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



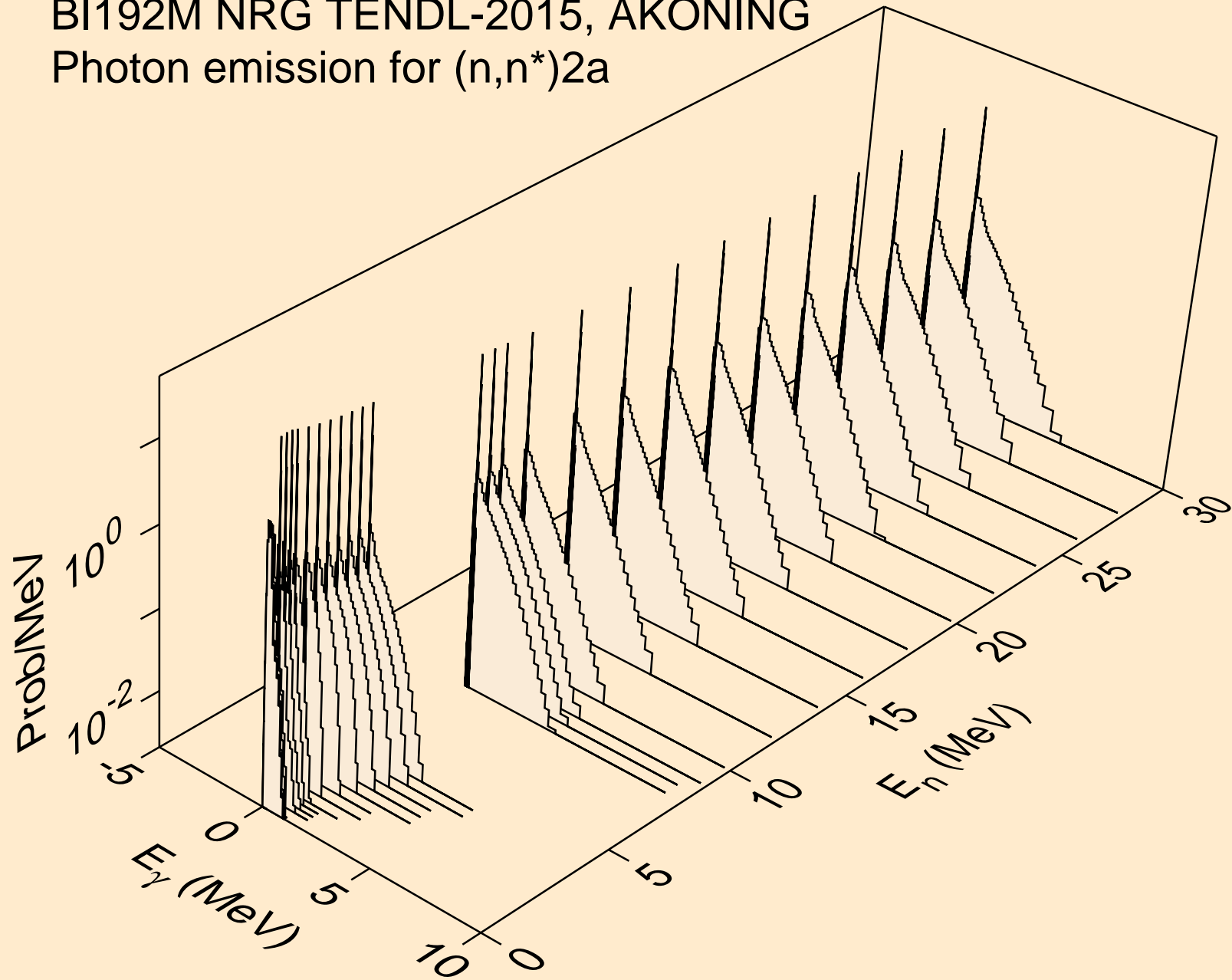
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



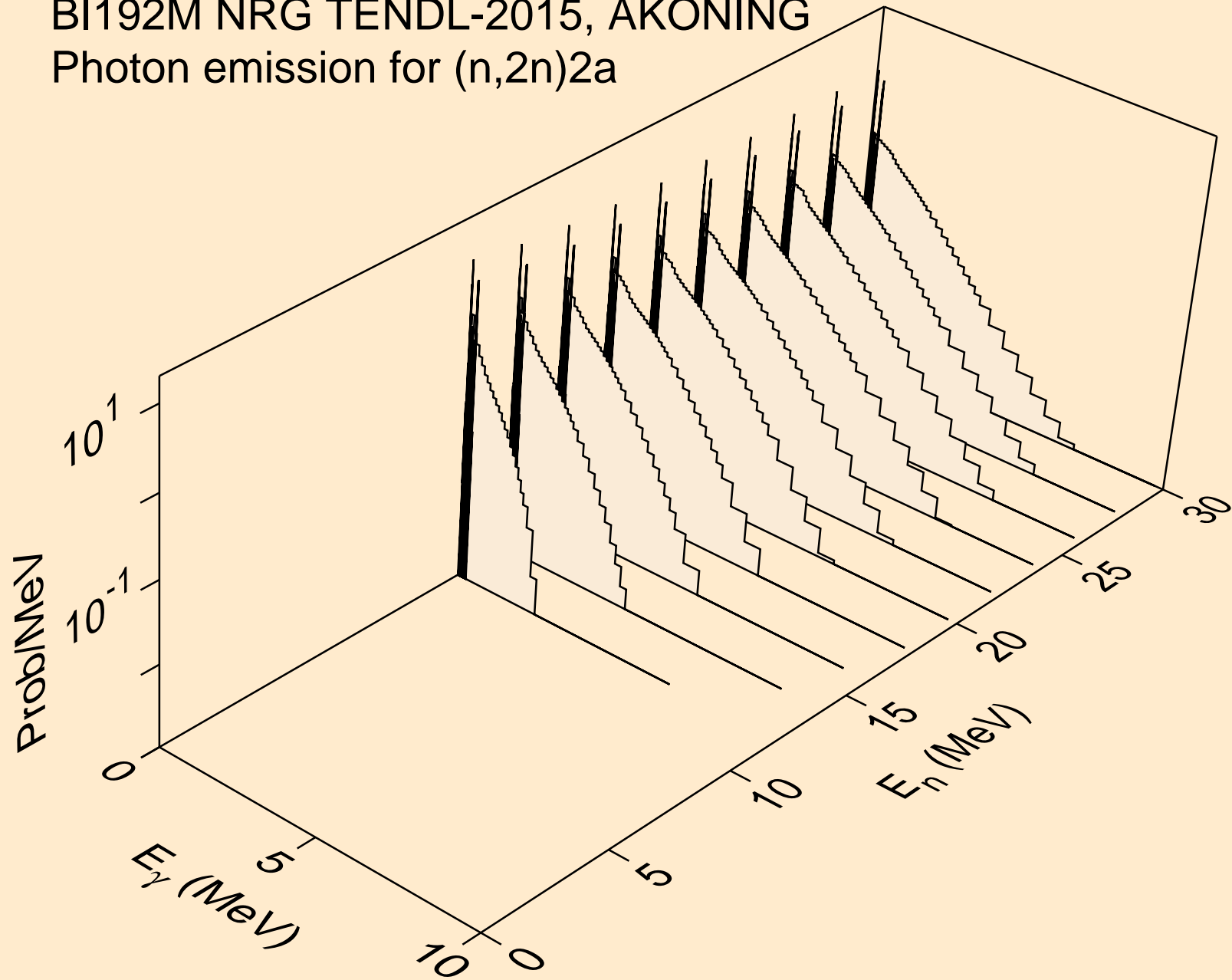
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



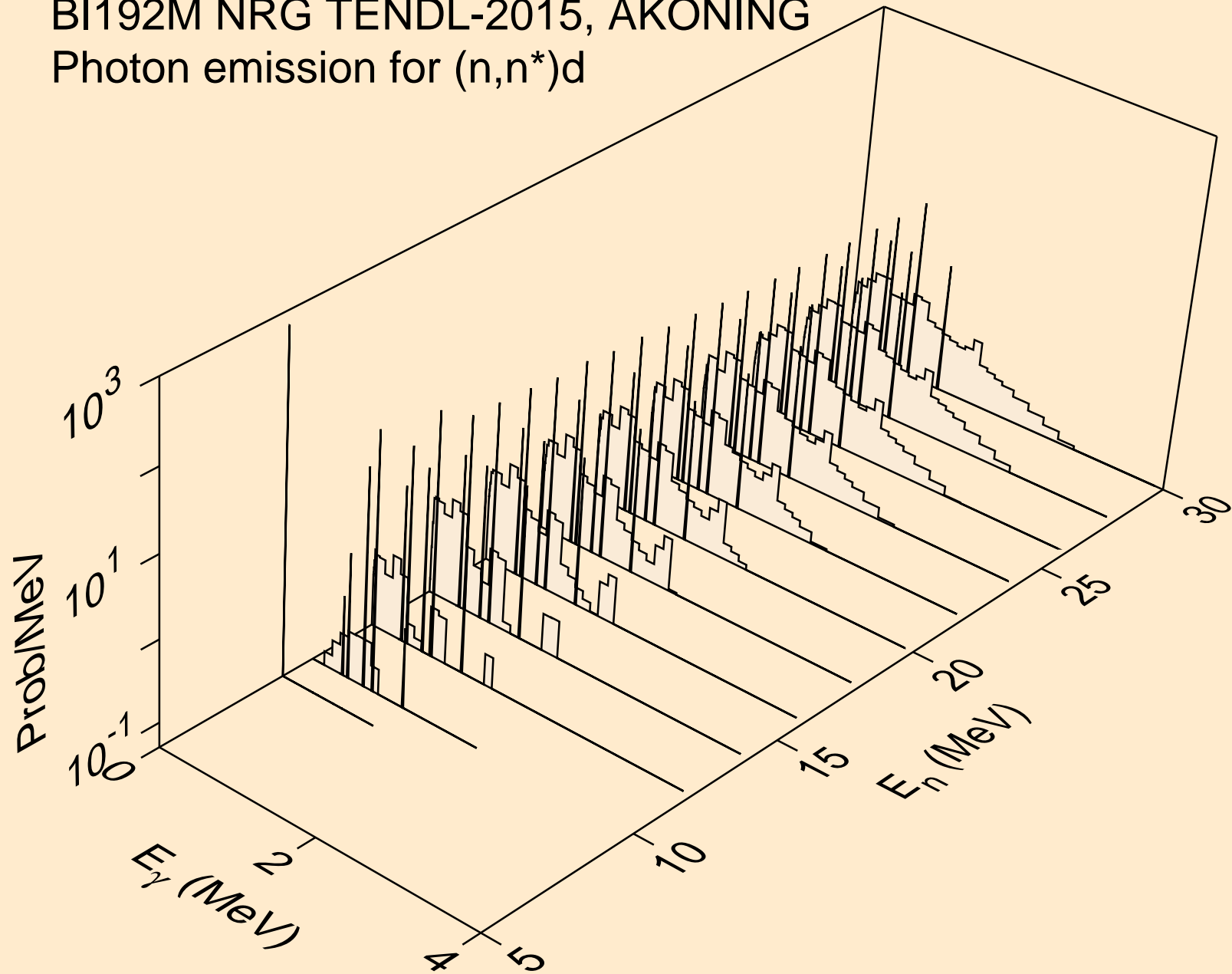
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Photon emission for (n,n\*)2a



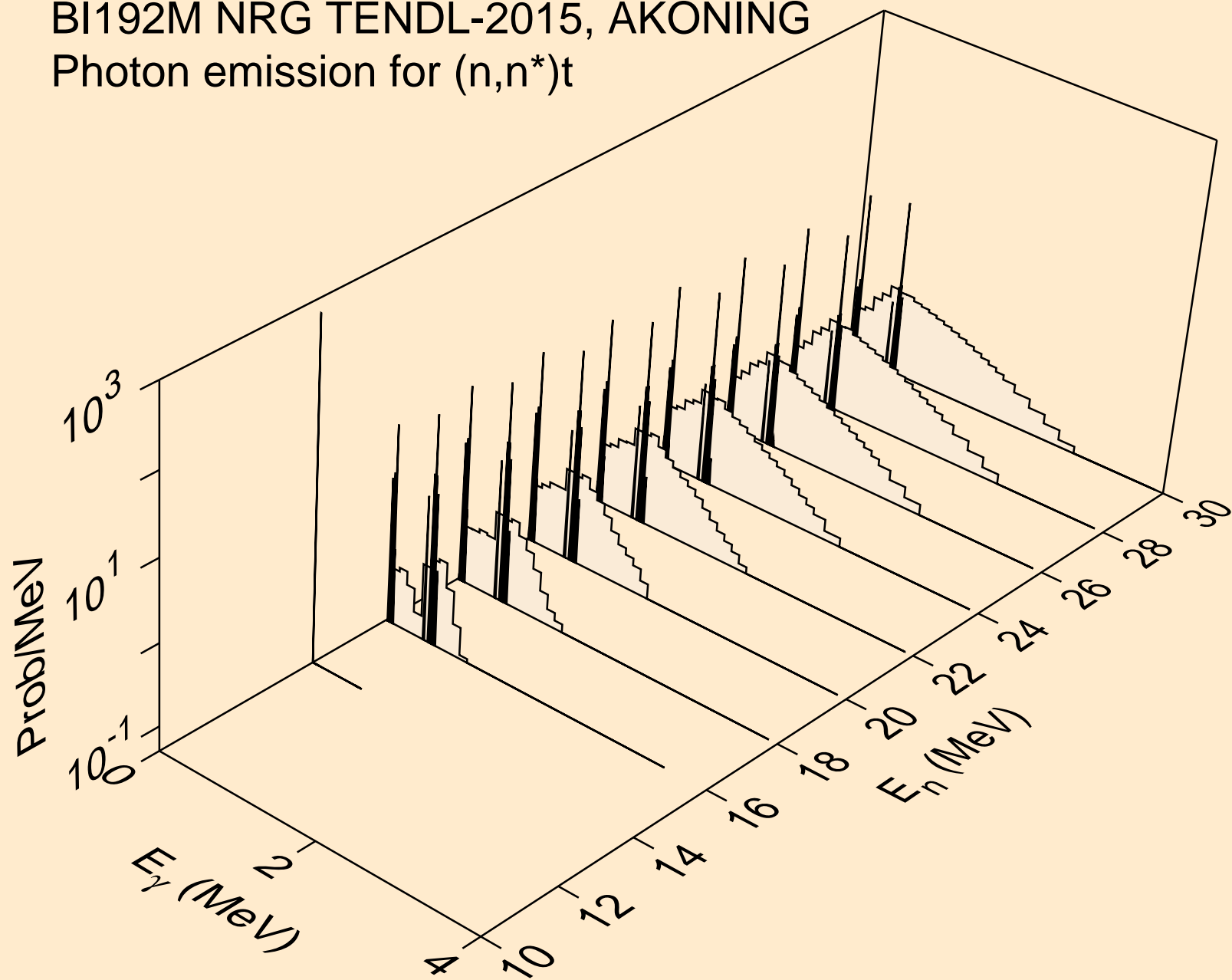
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

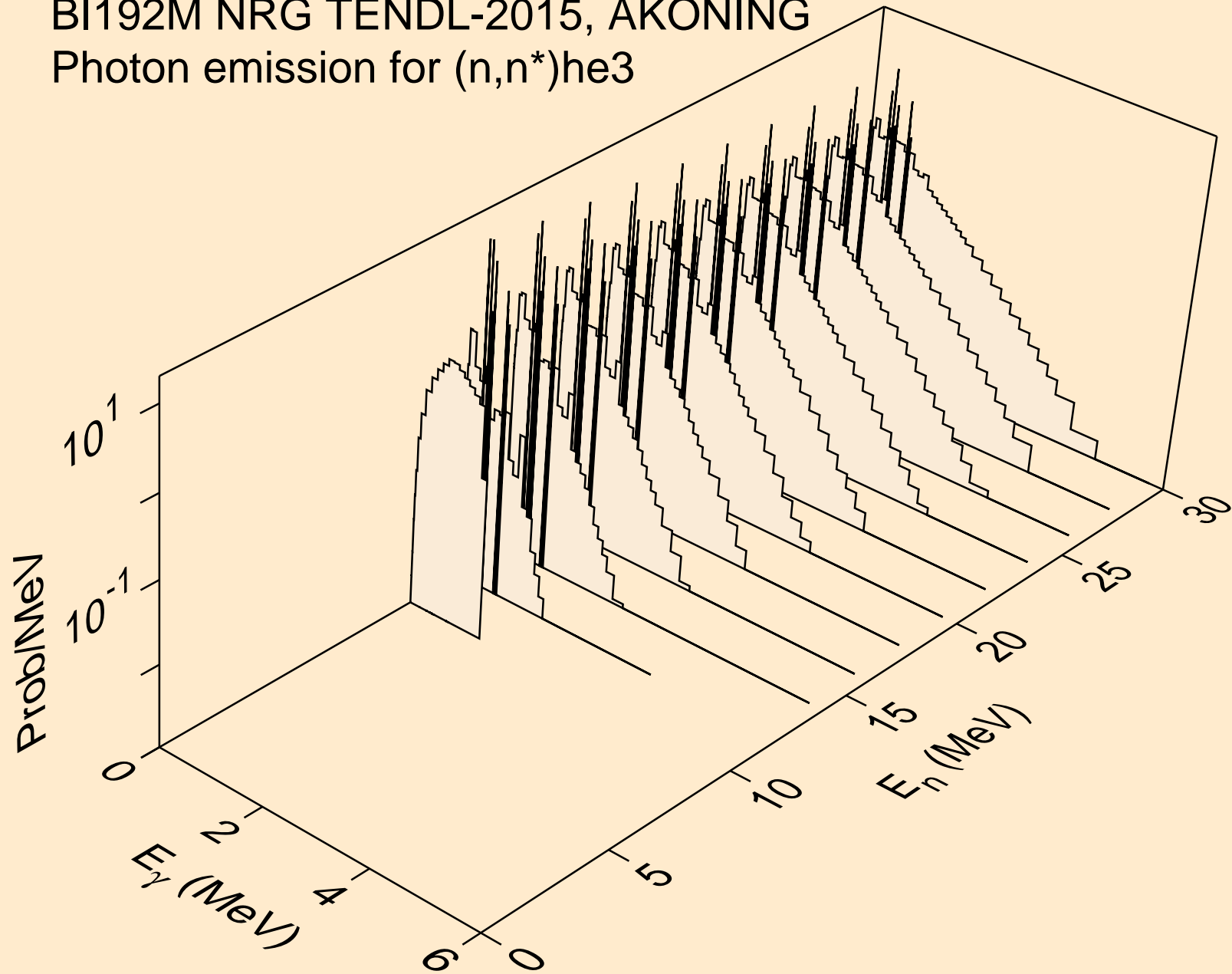


BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

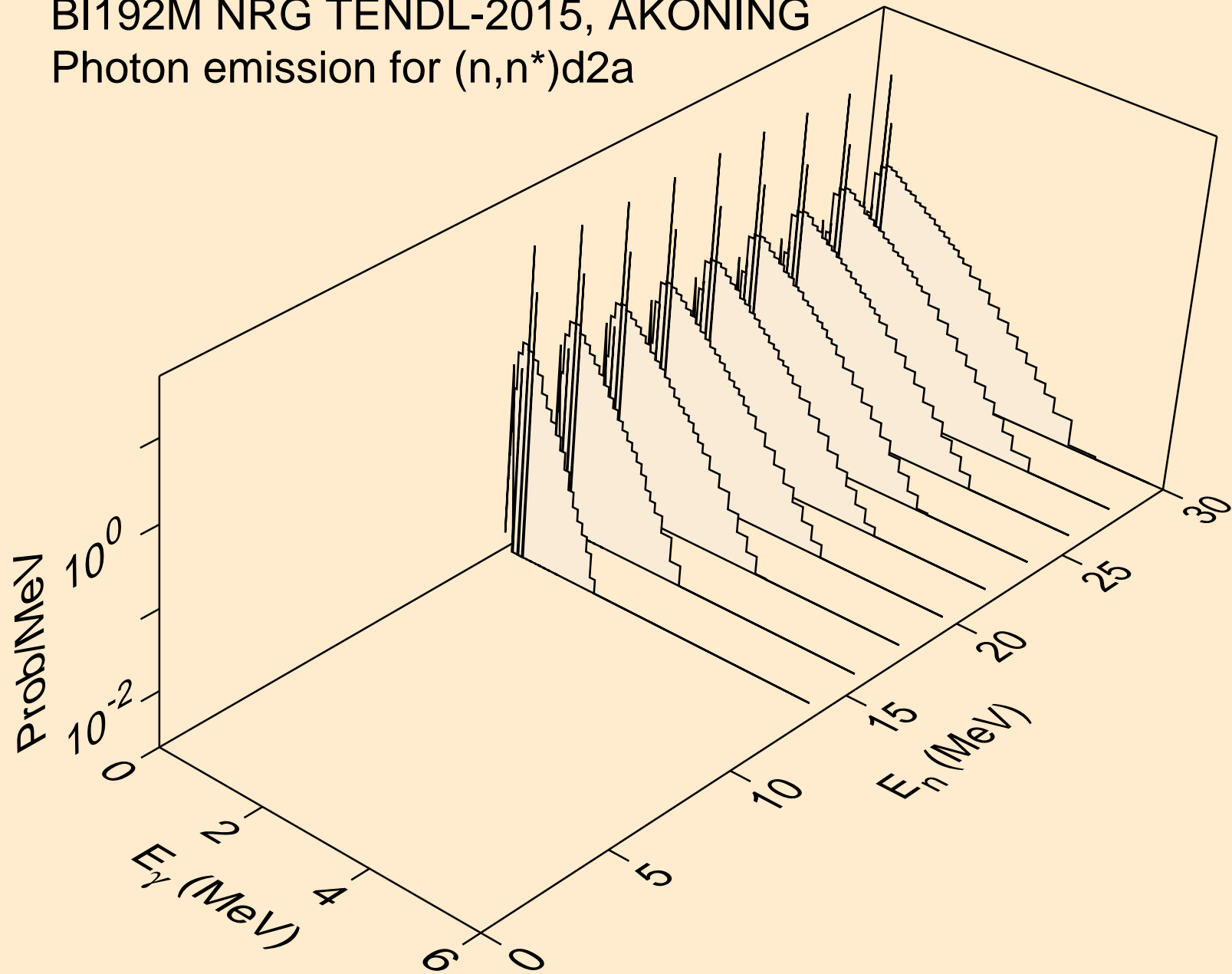




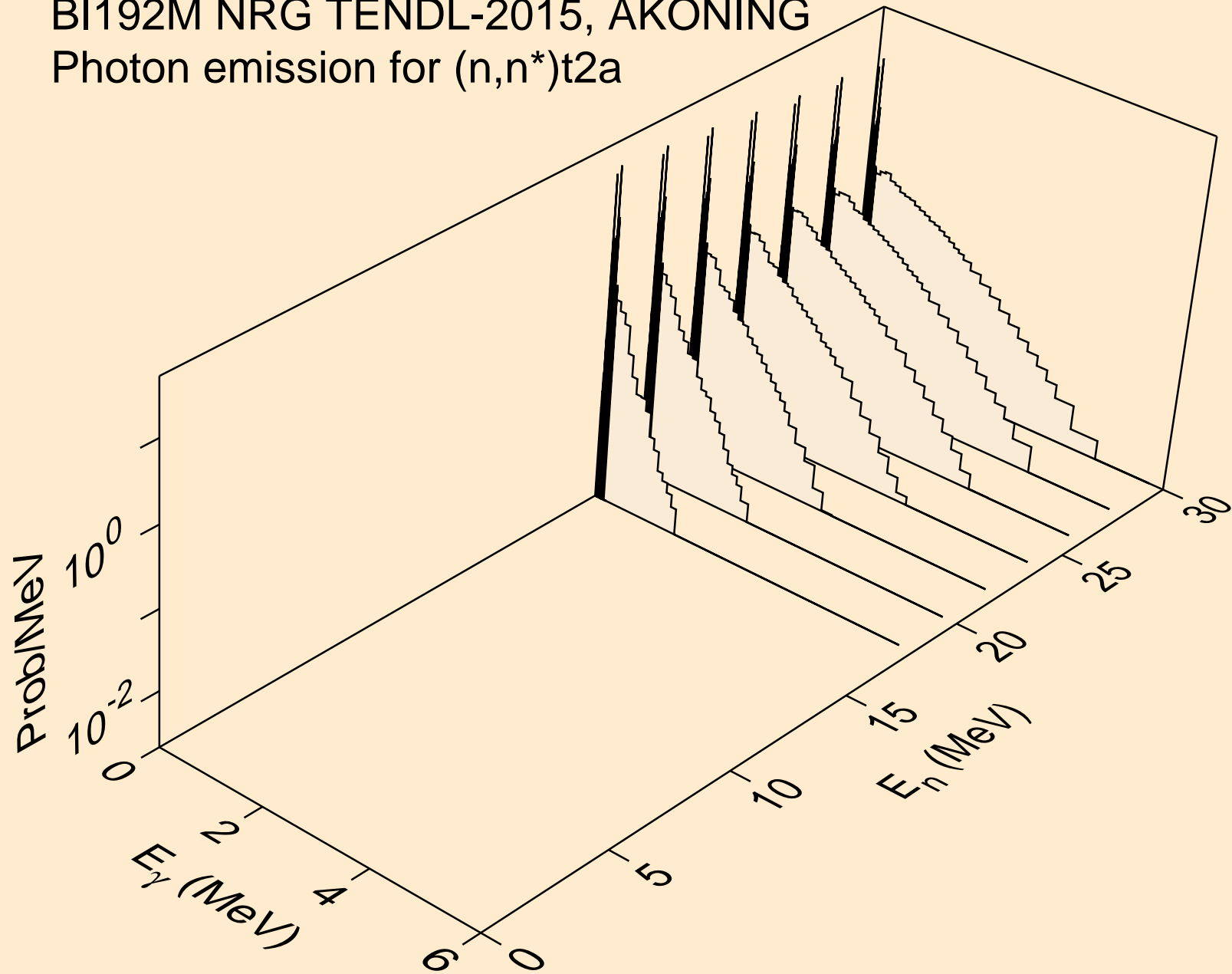
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



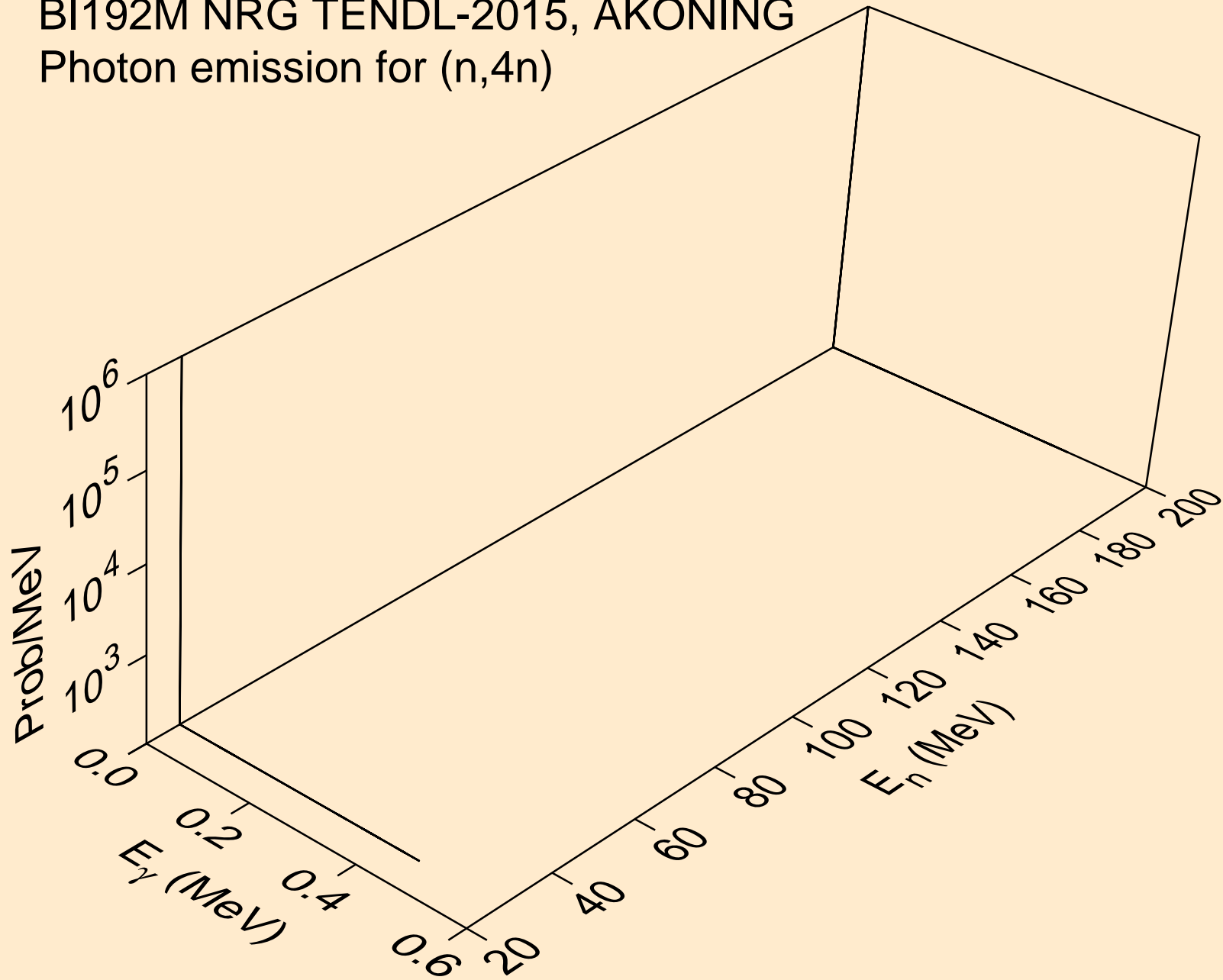
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



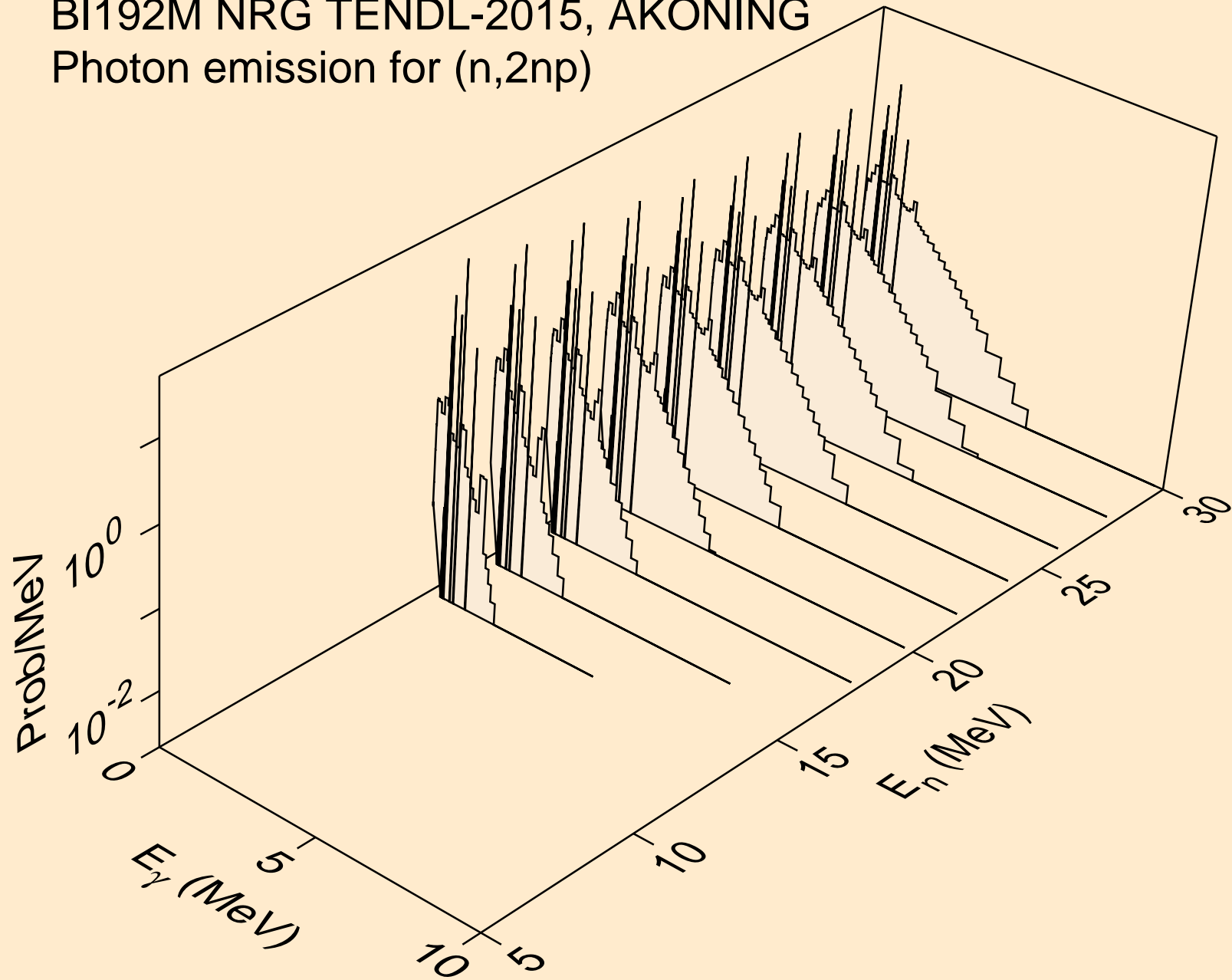
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t2a



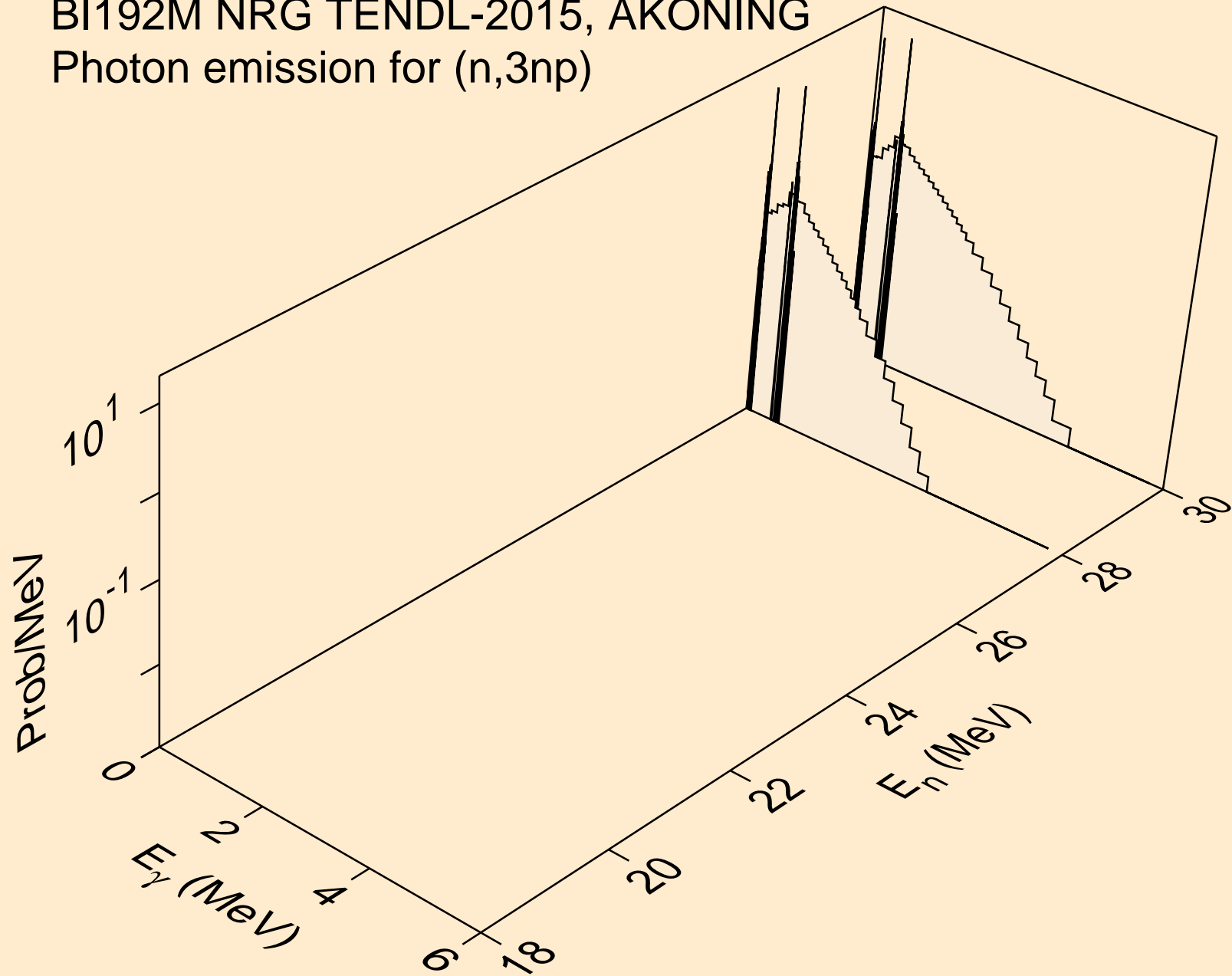
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



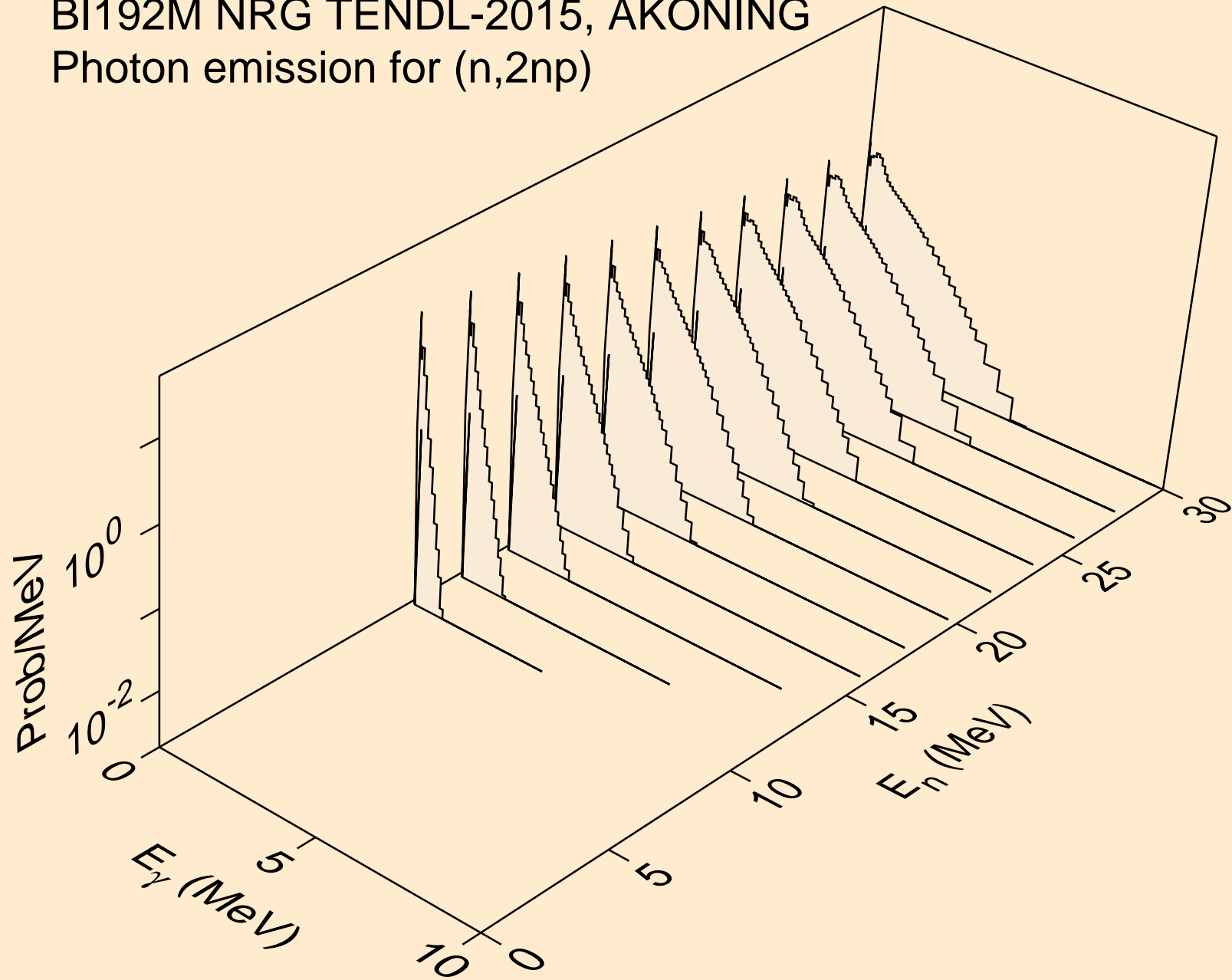
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



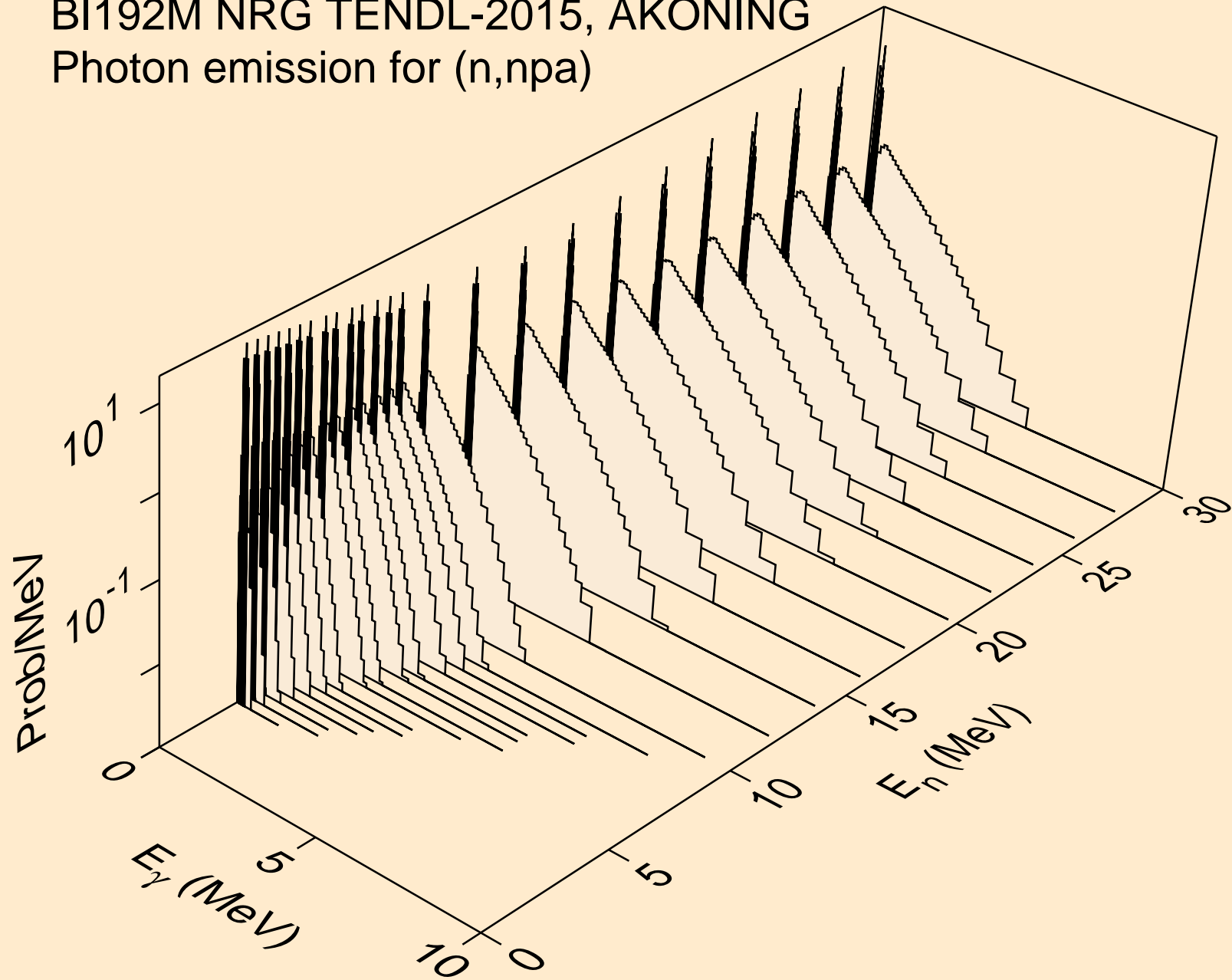
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

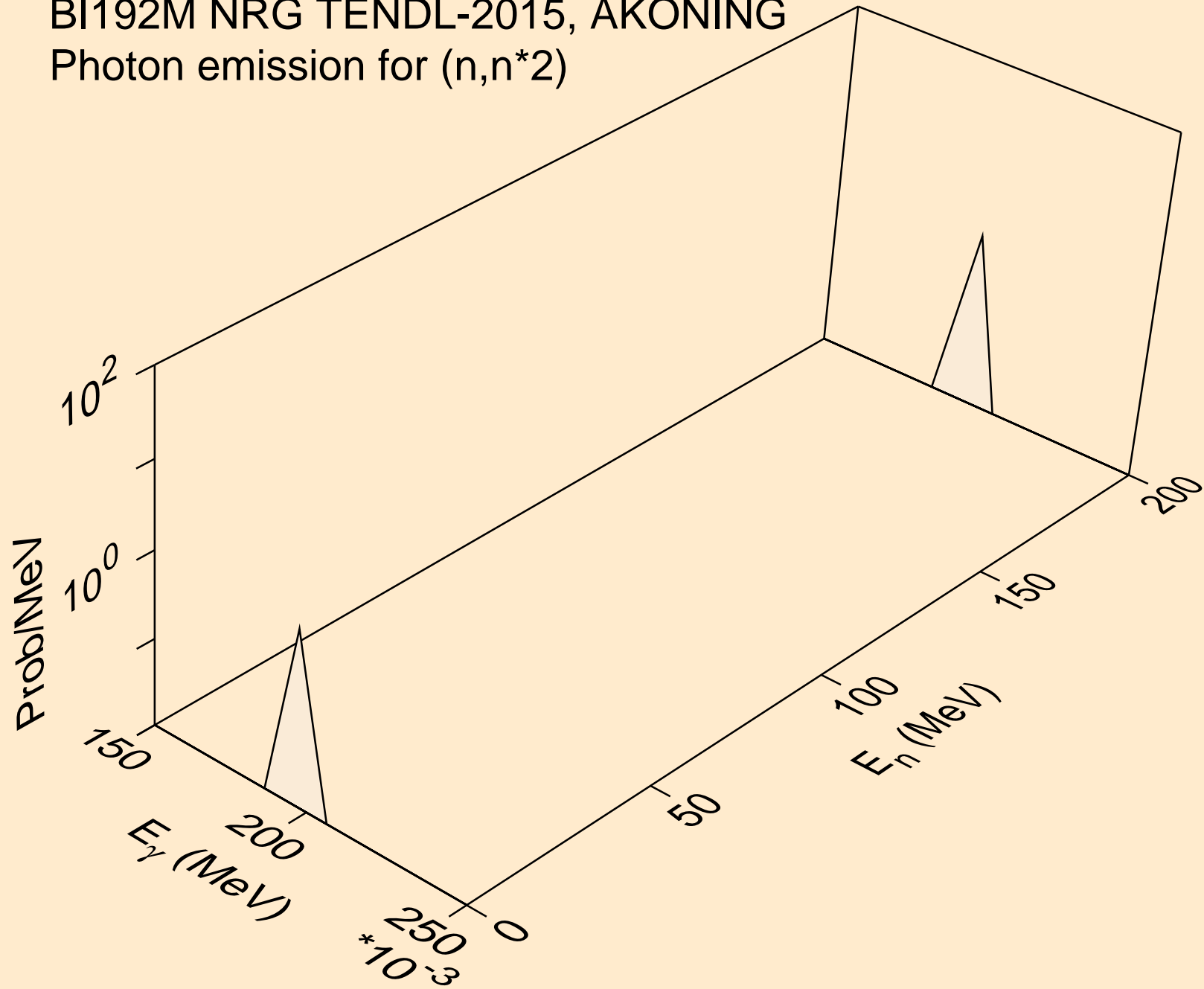


BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

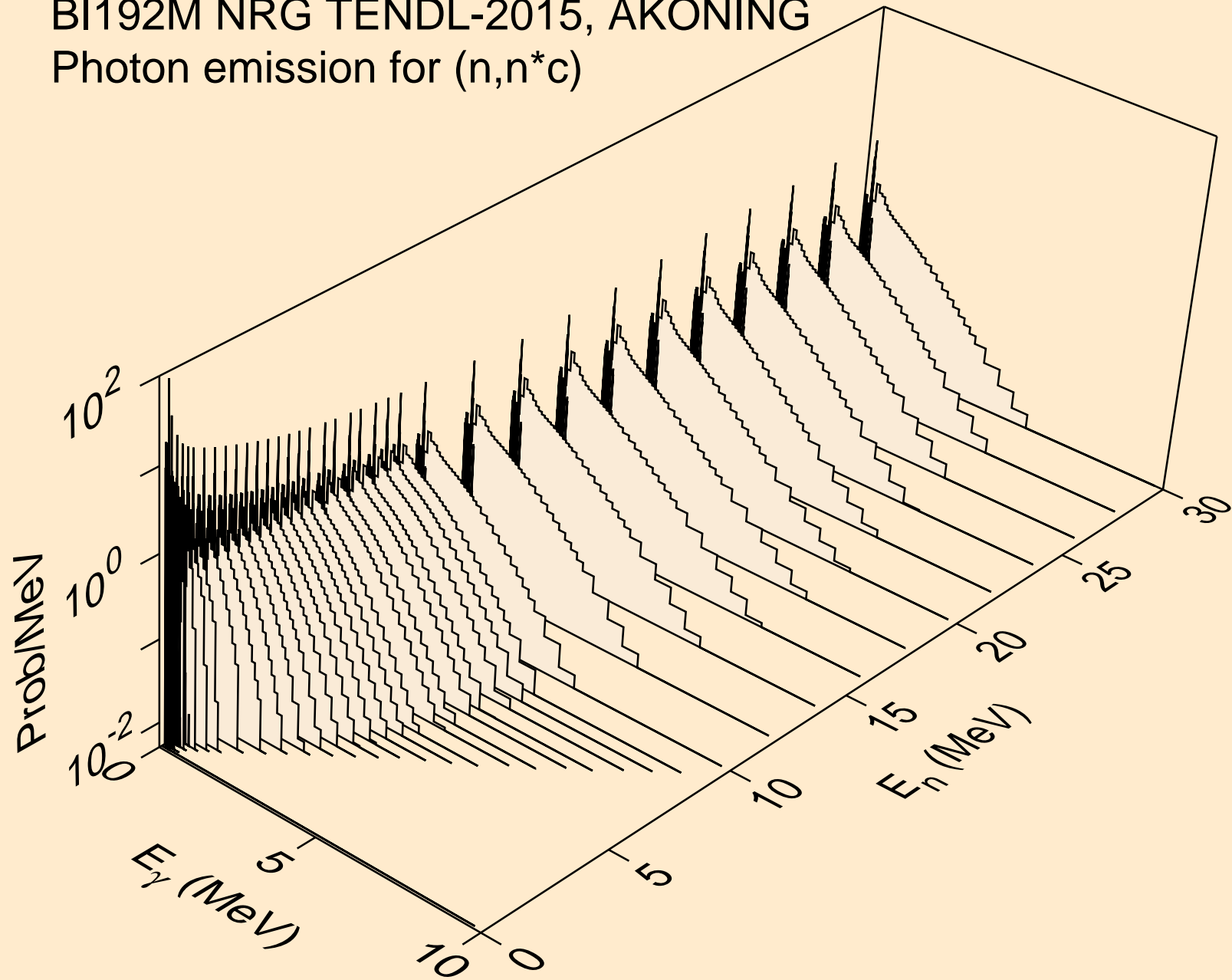




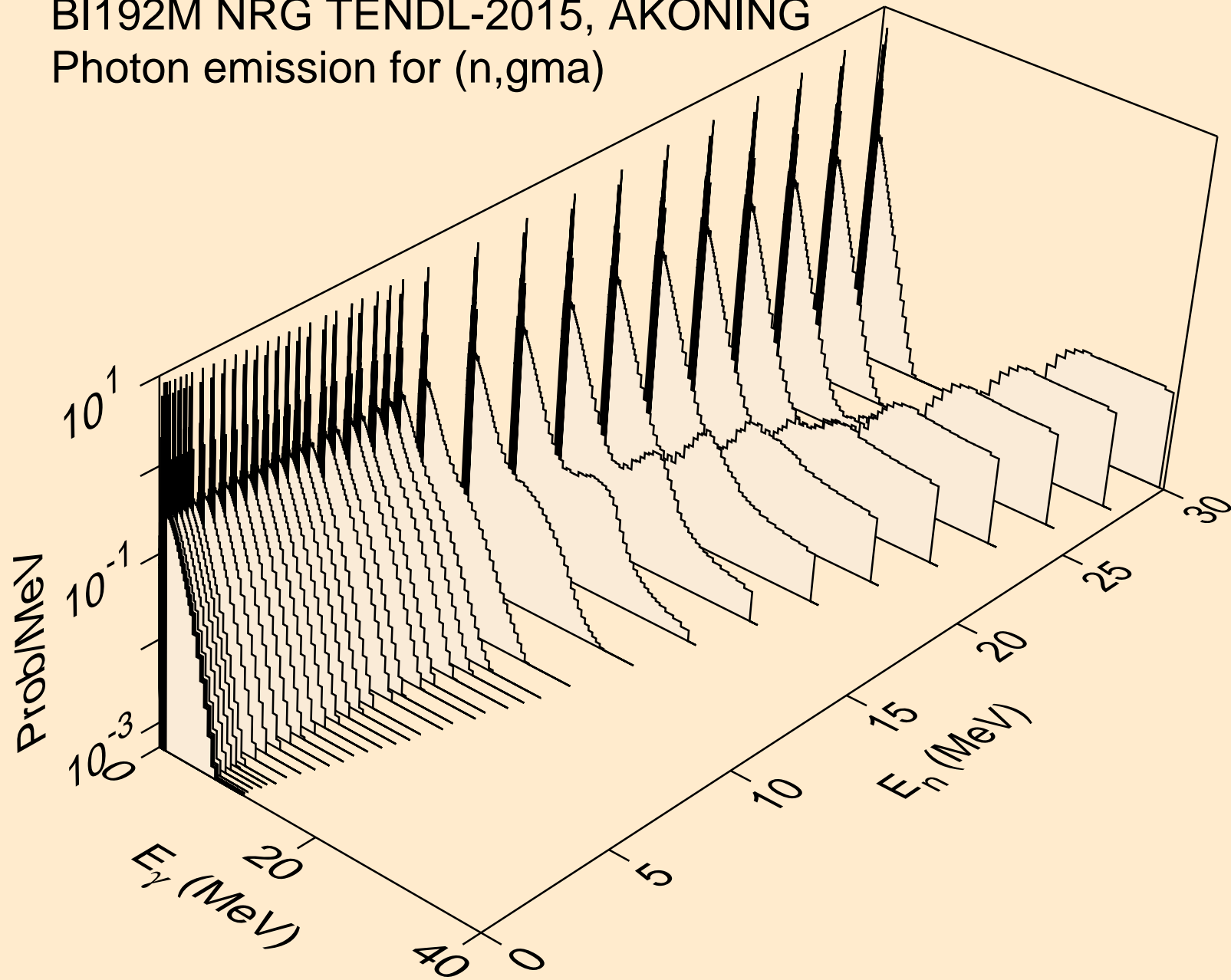
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)



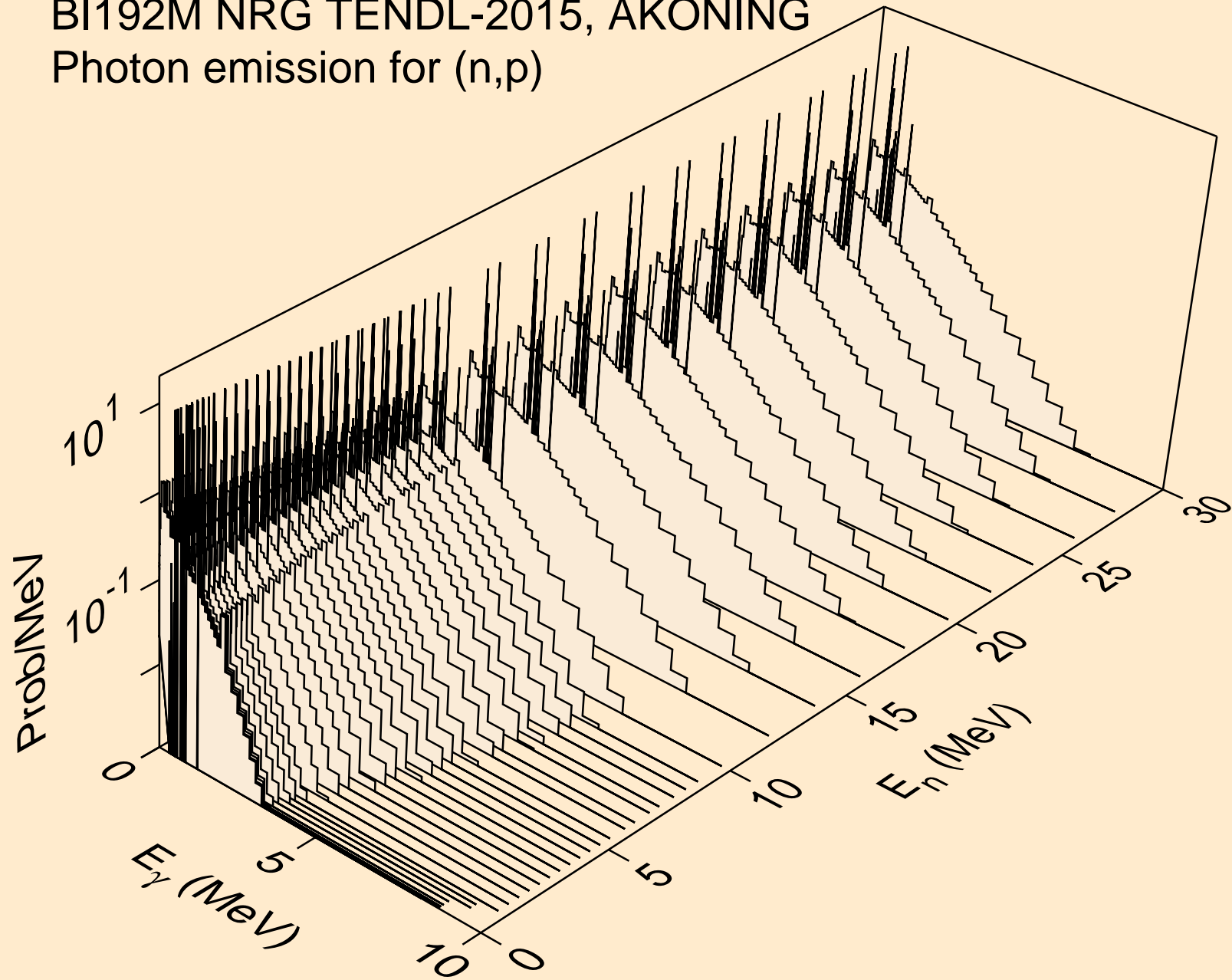
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



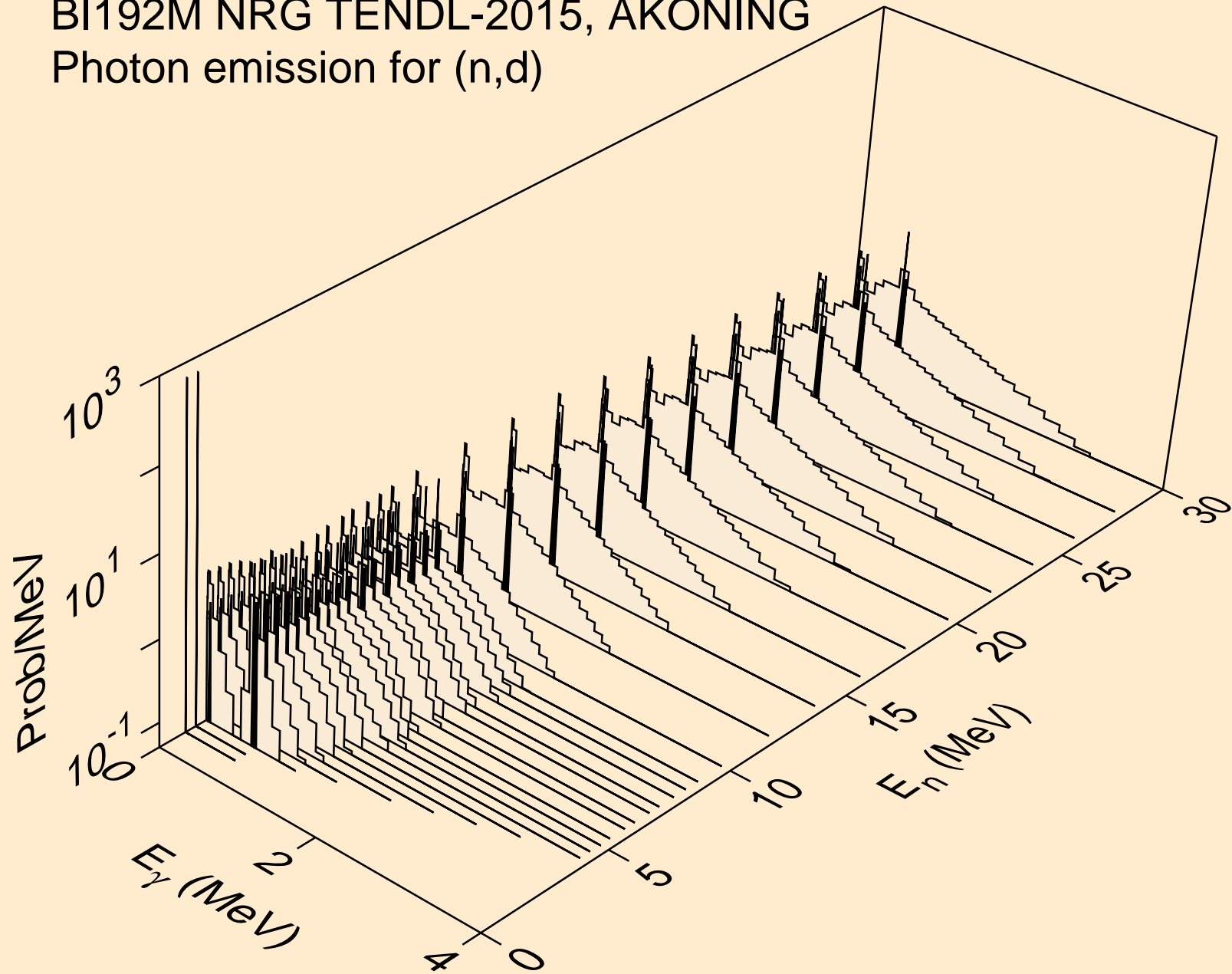
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



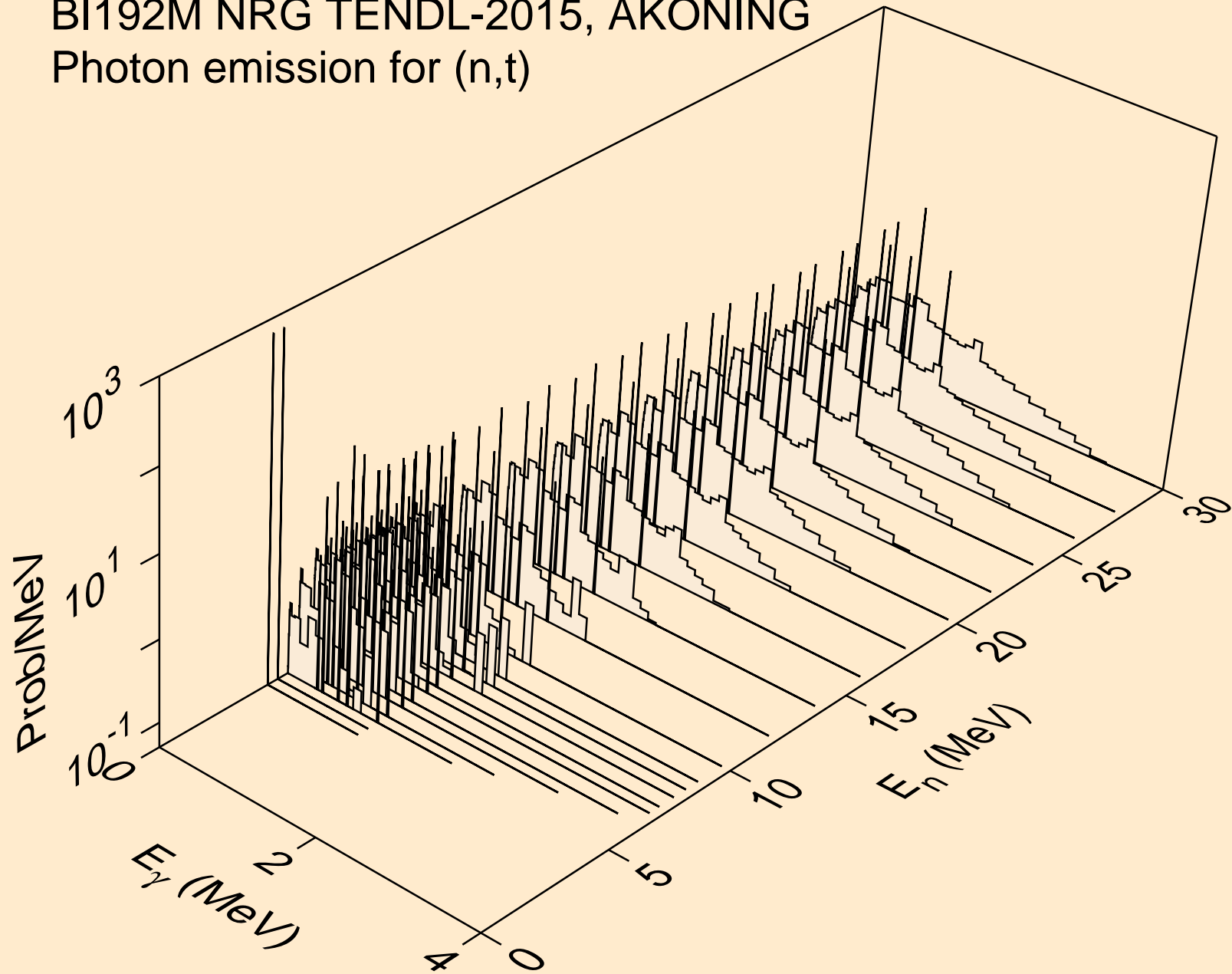
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



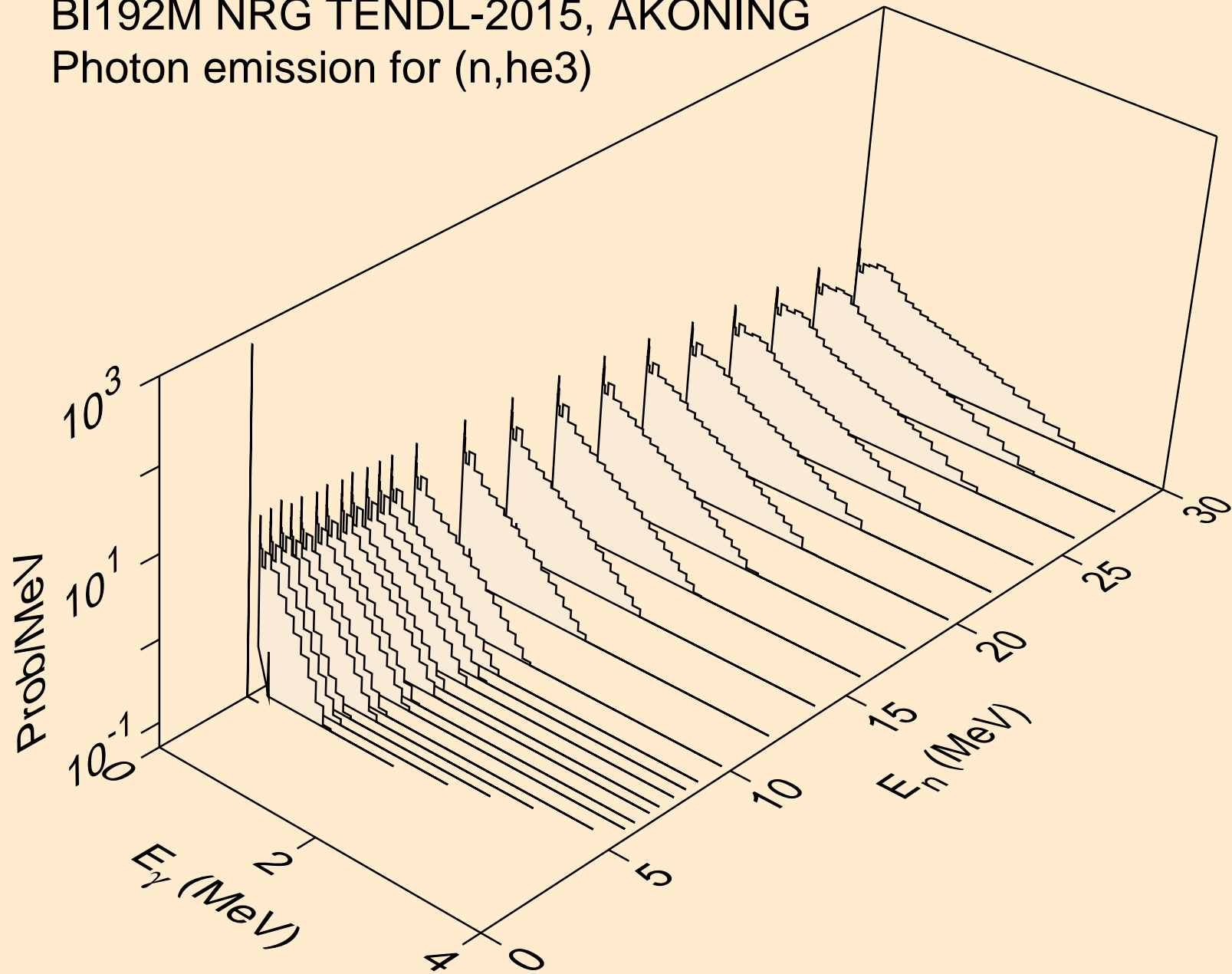
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



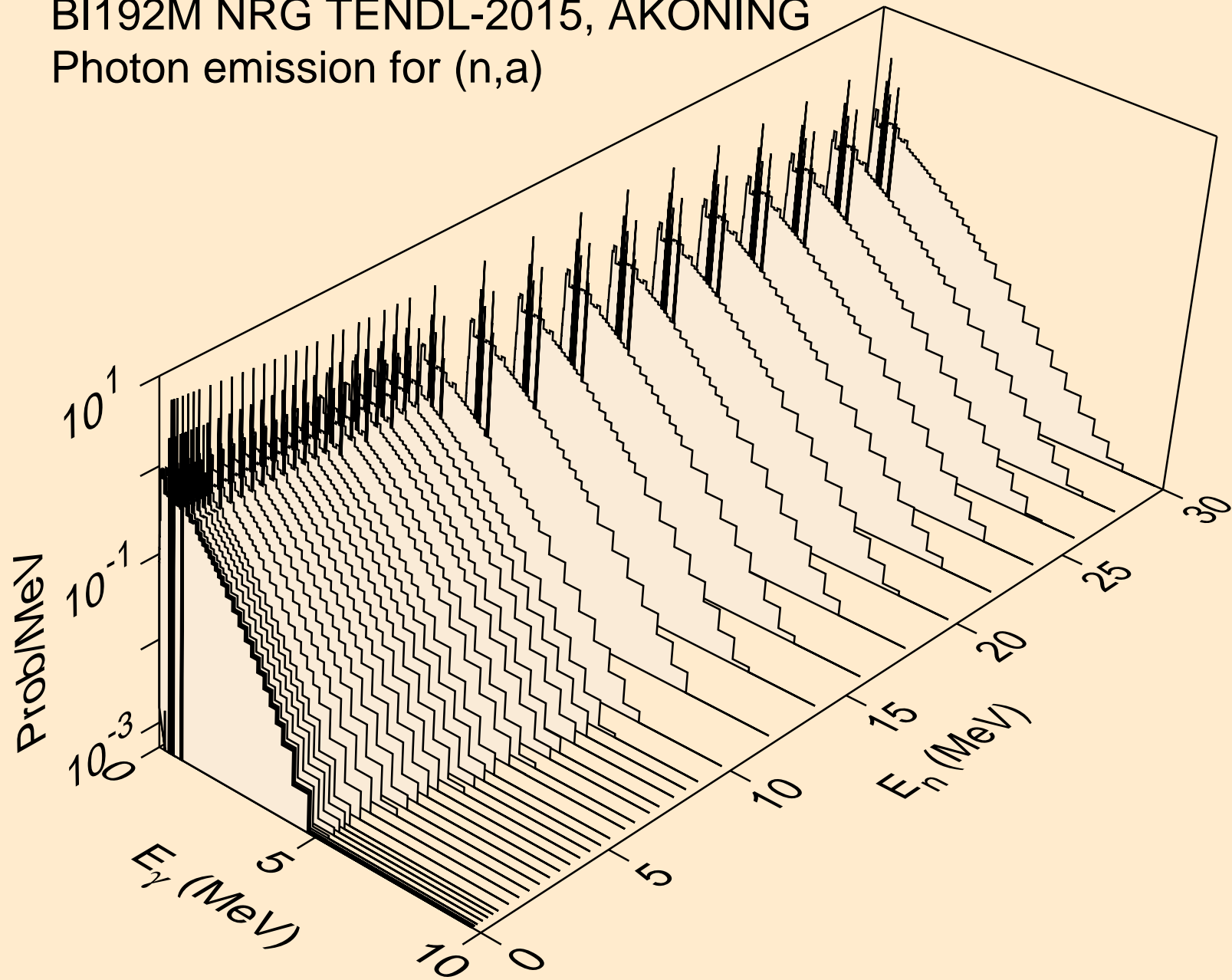
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,t)



BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)

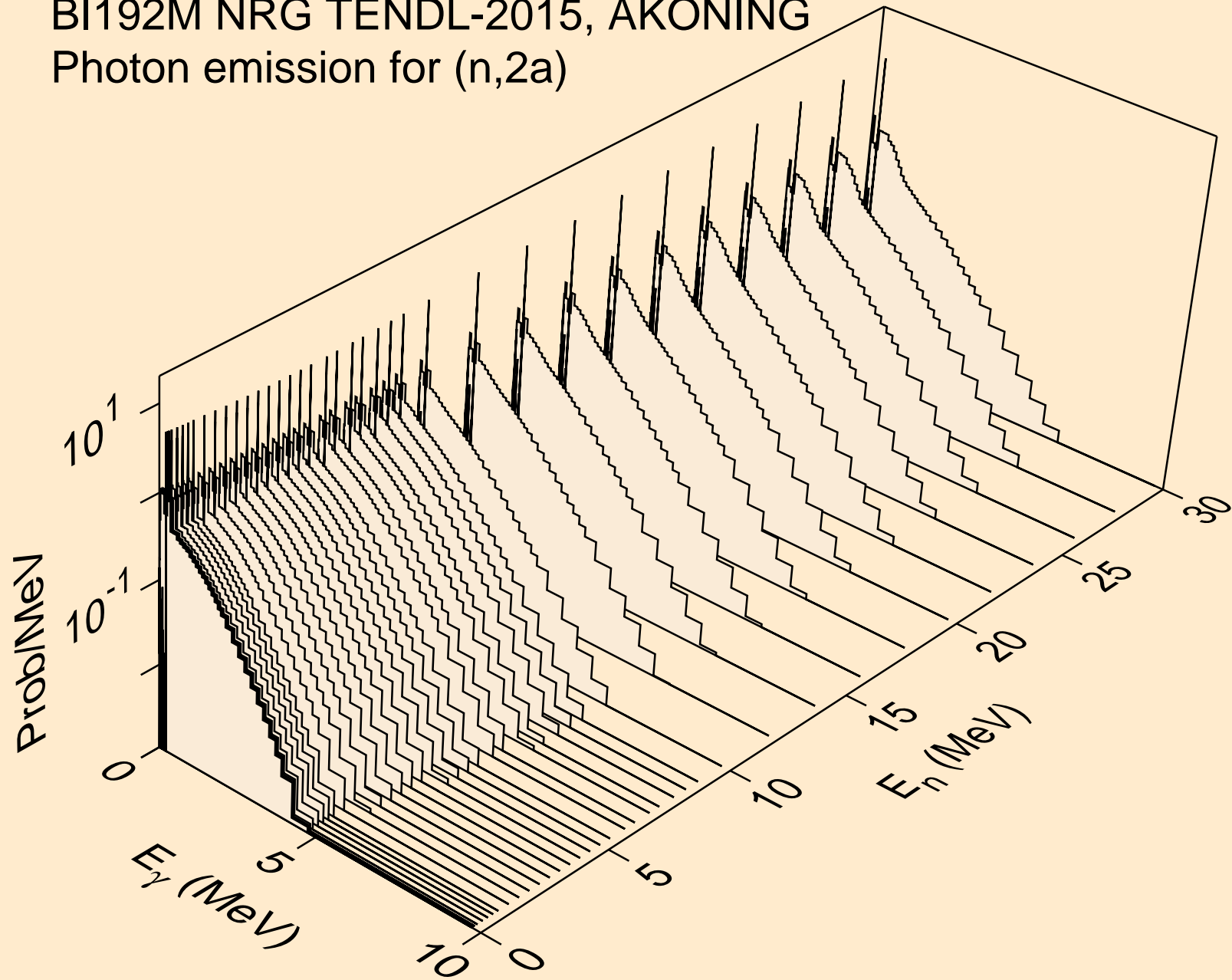


BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,a)

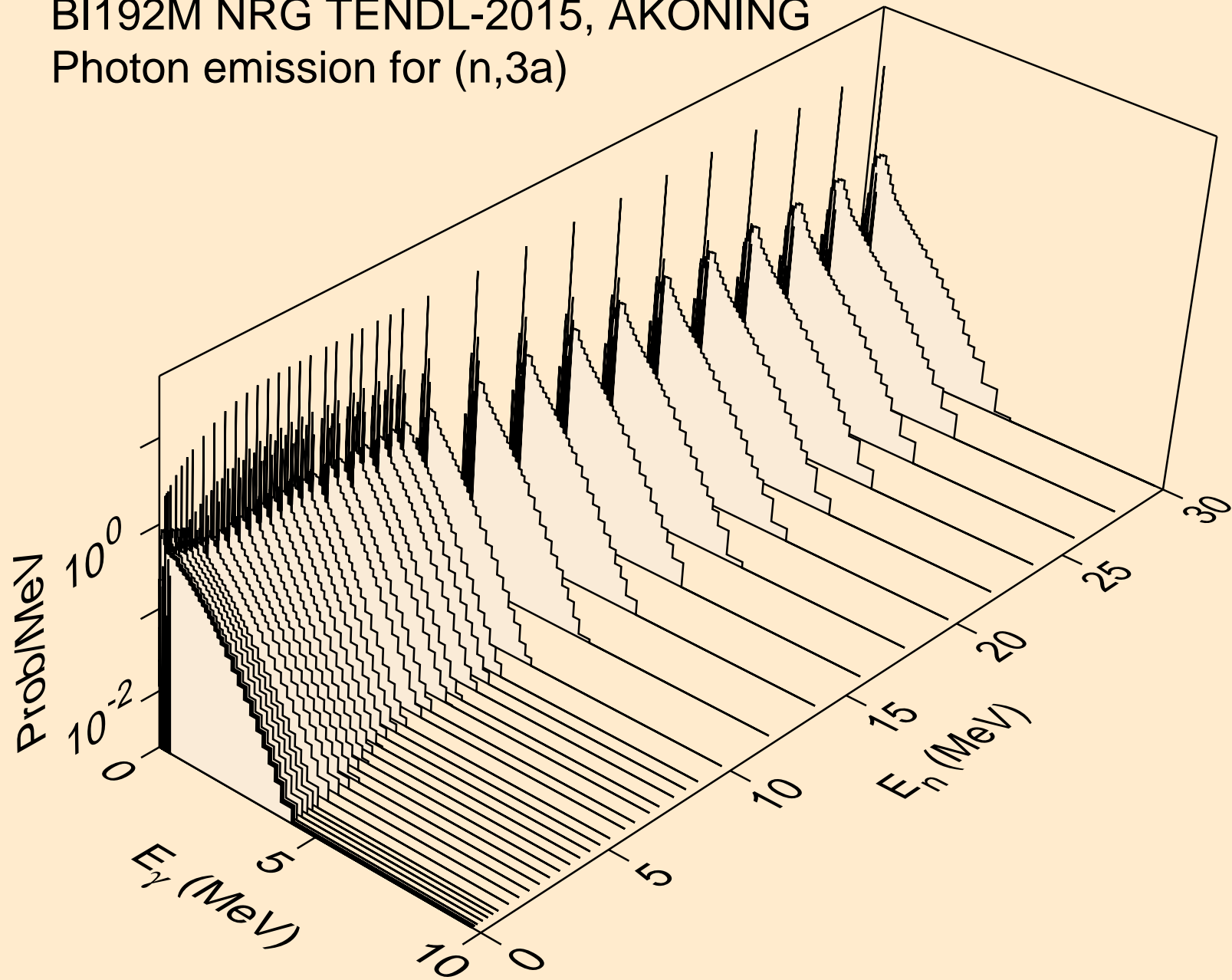




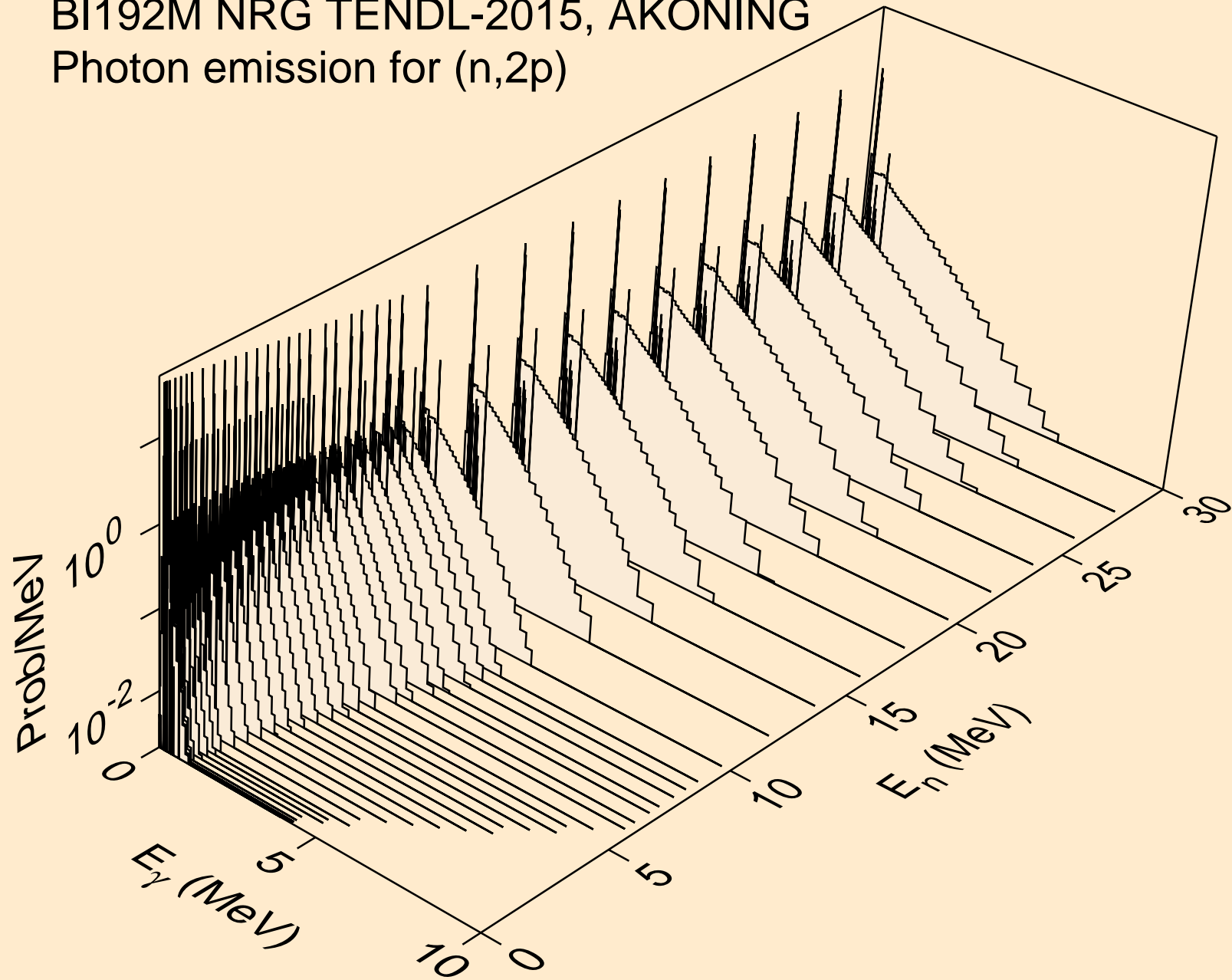
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



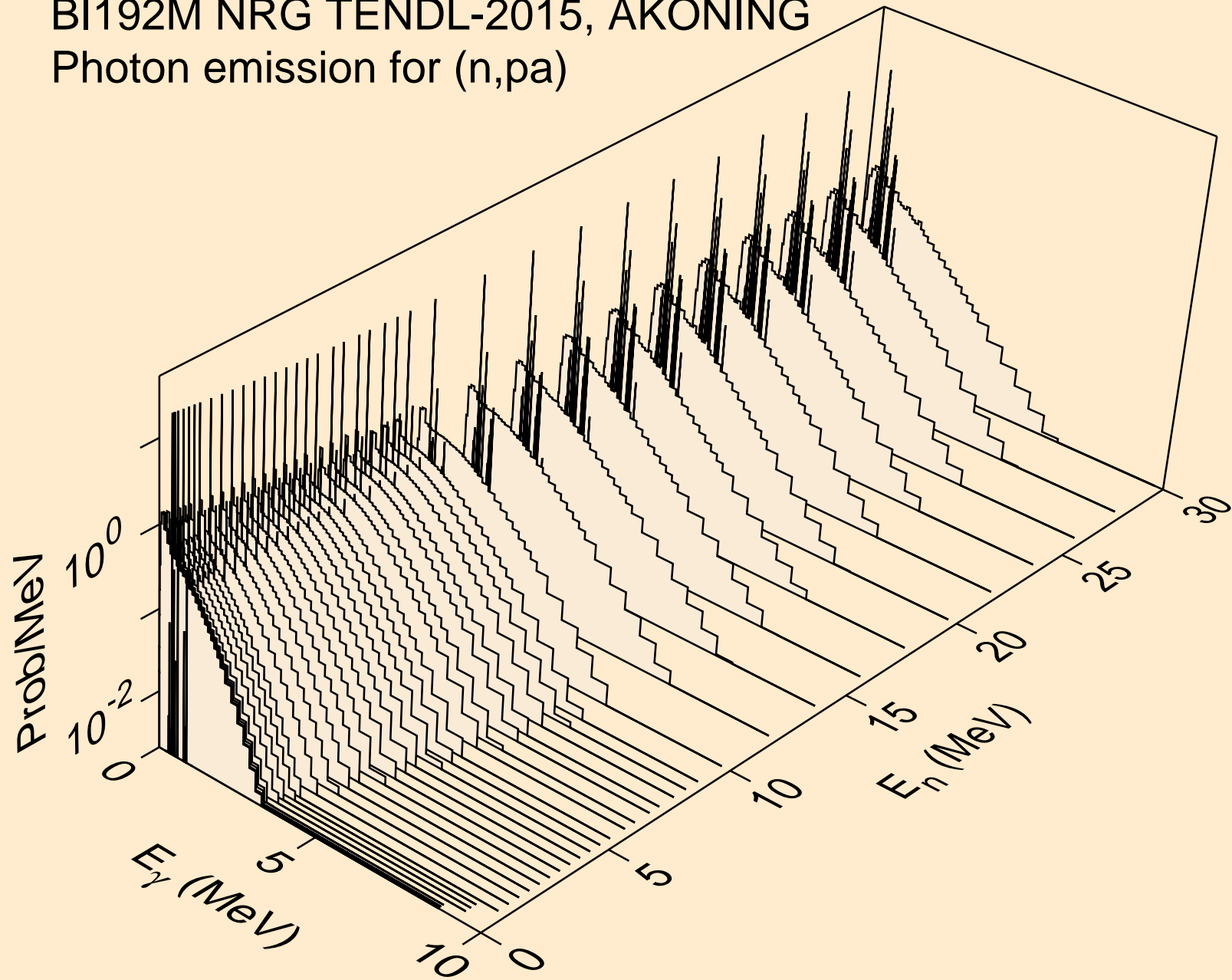
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



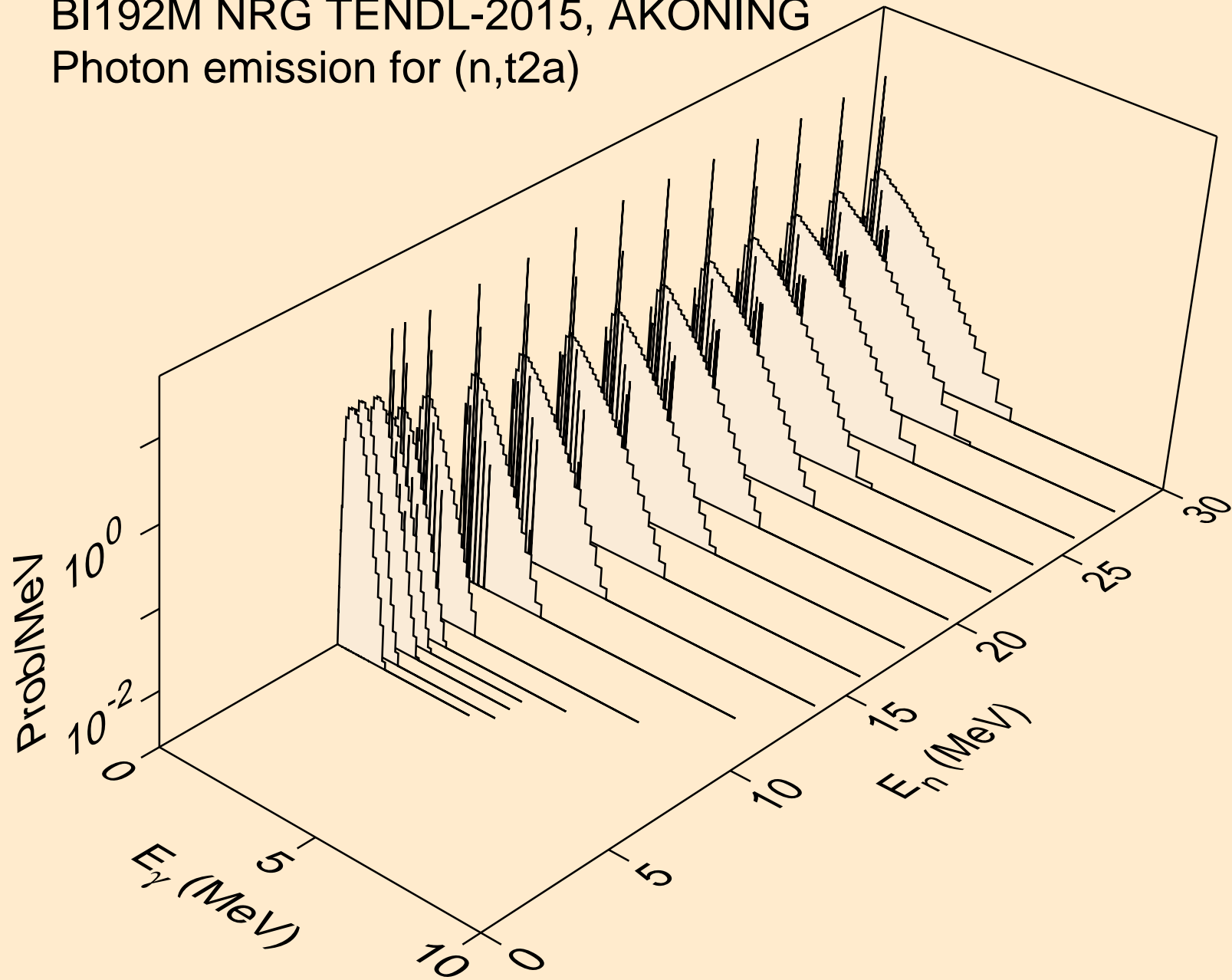
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



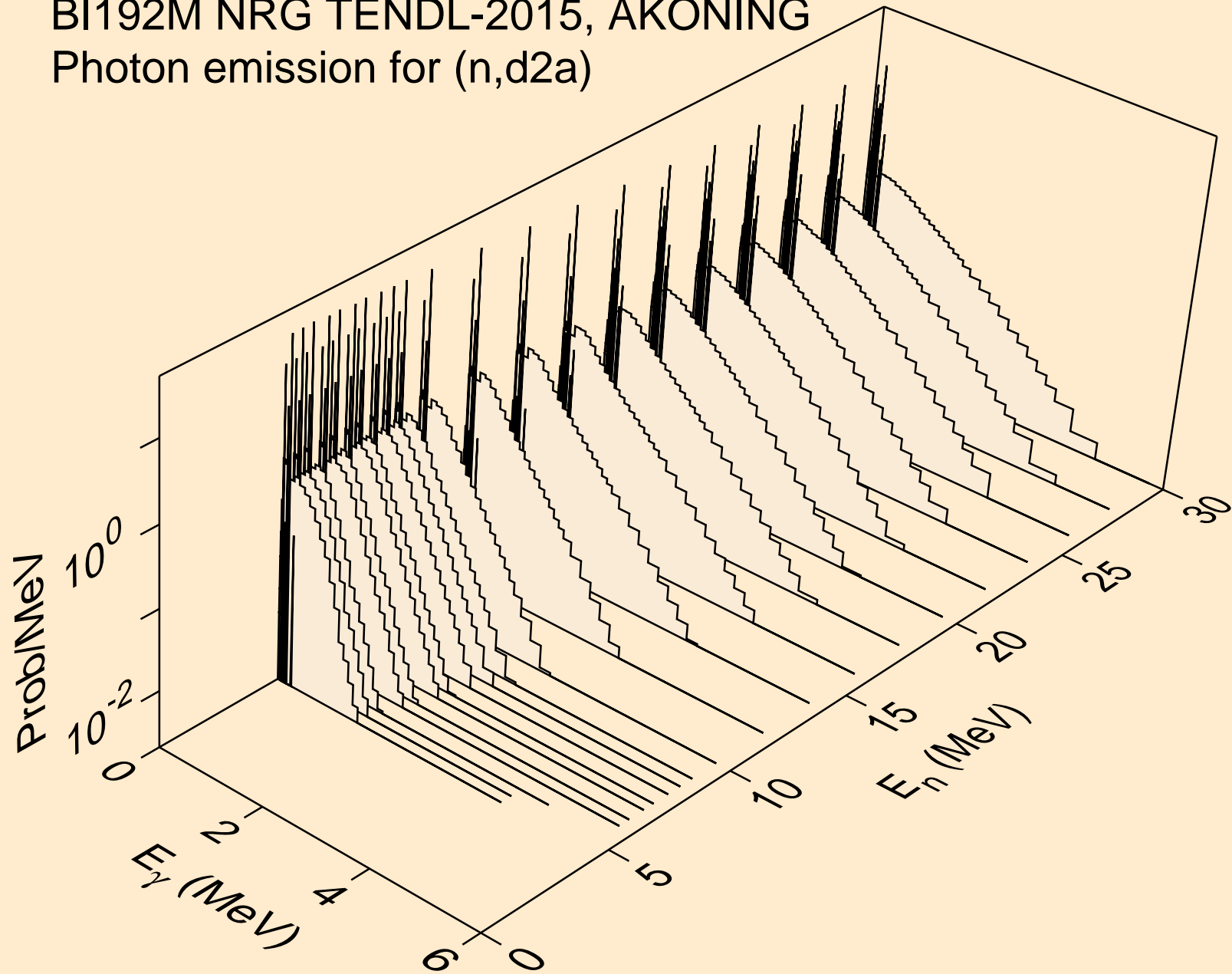
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



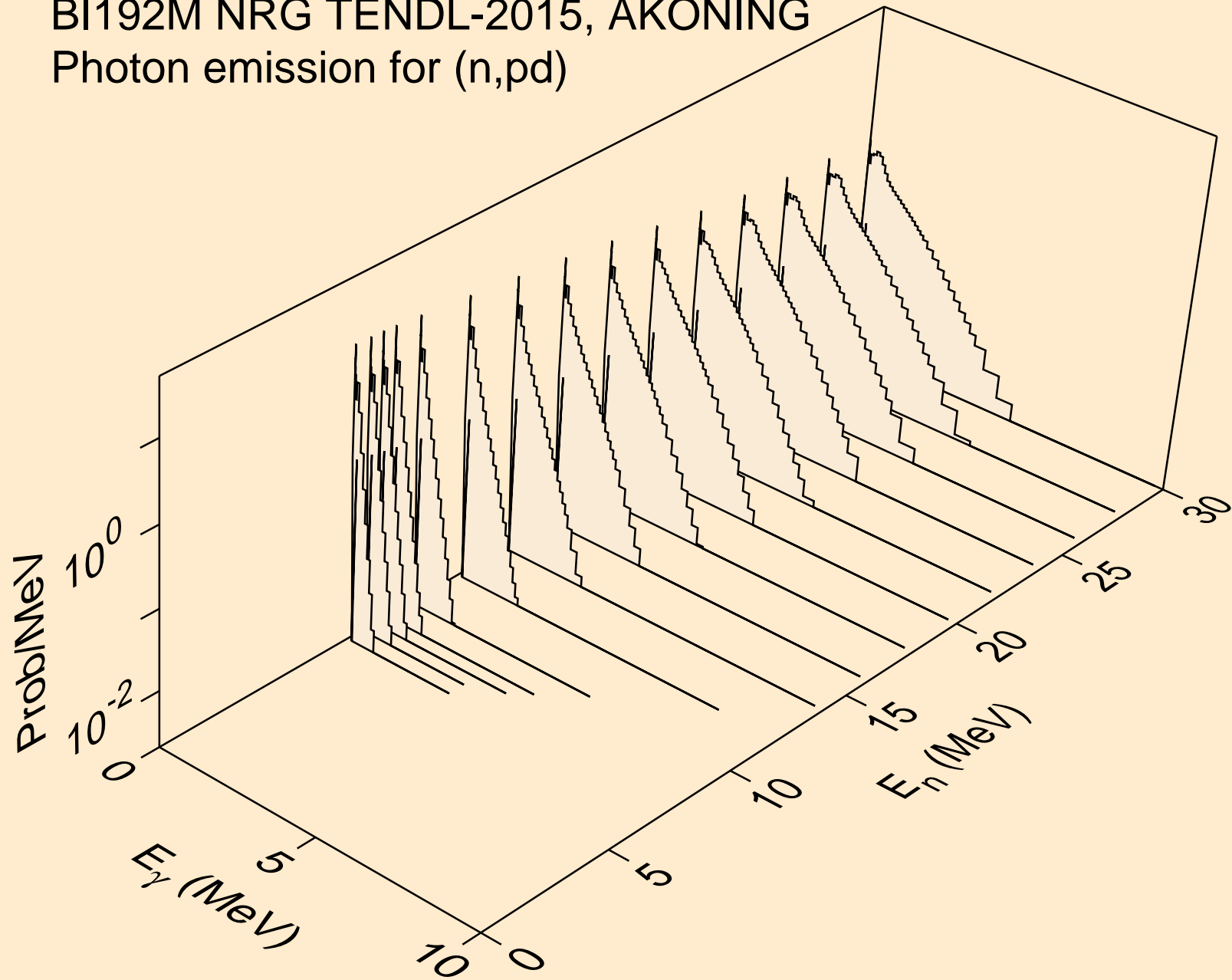
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



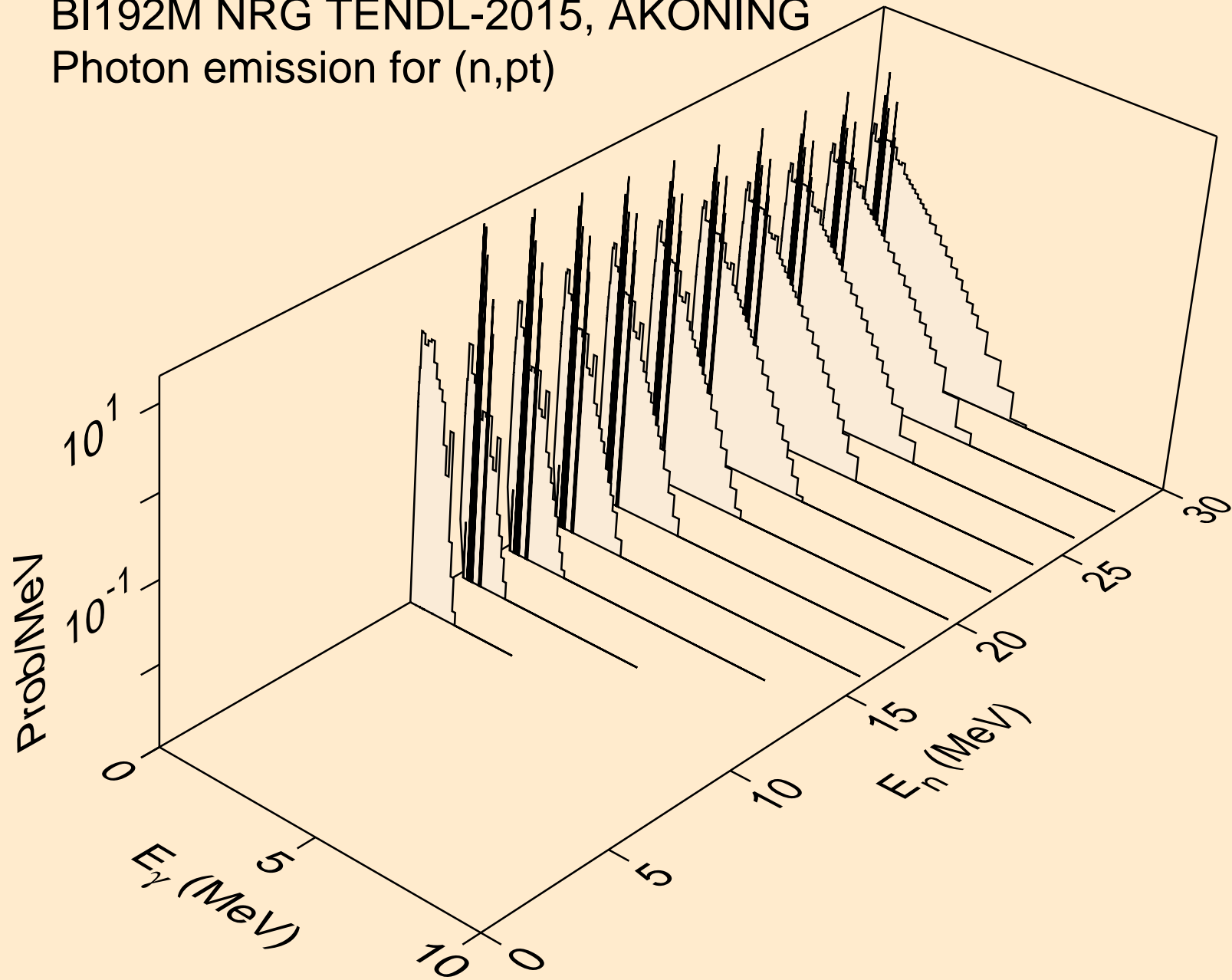
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

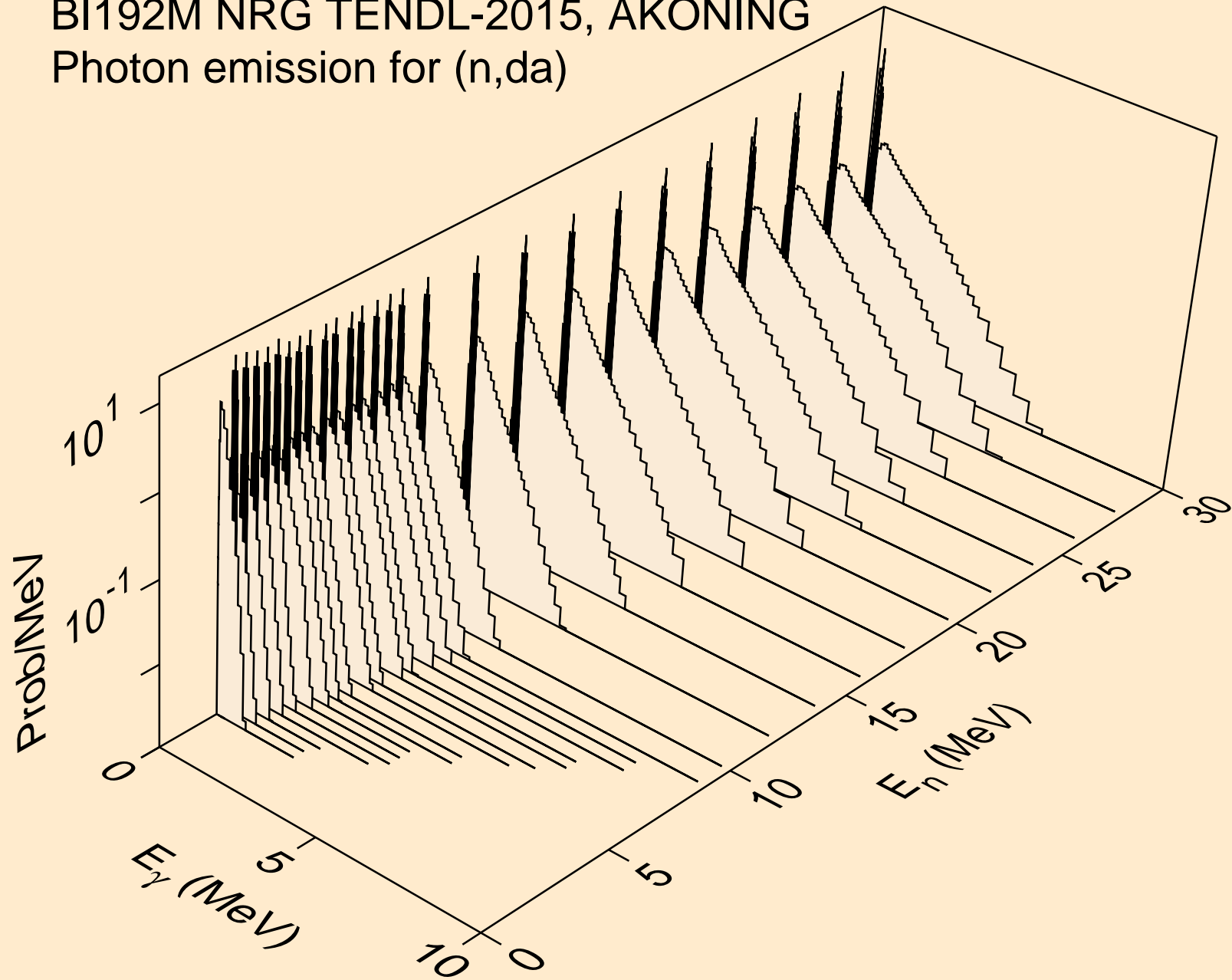


BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

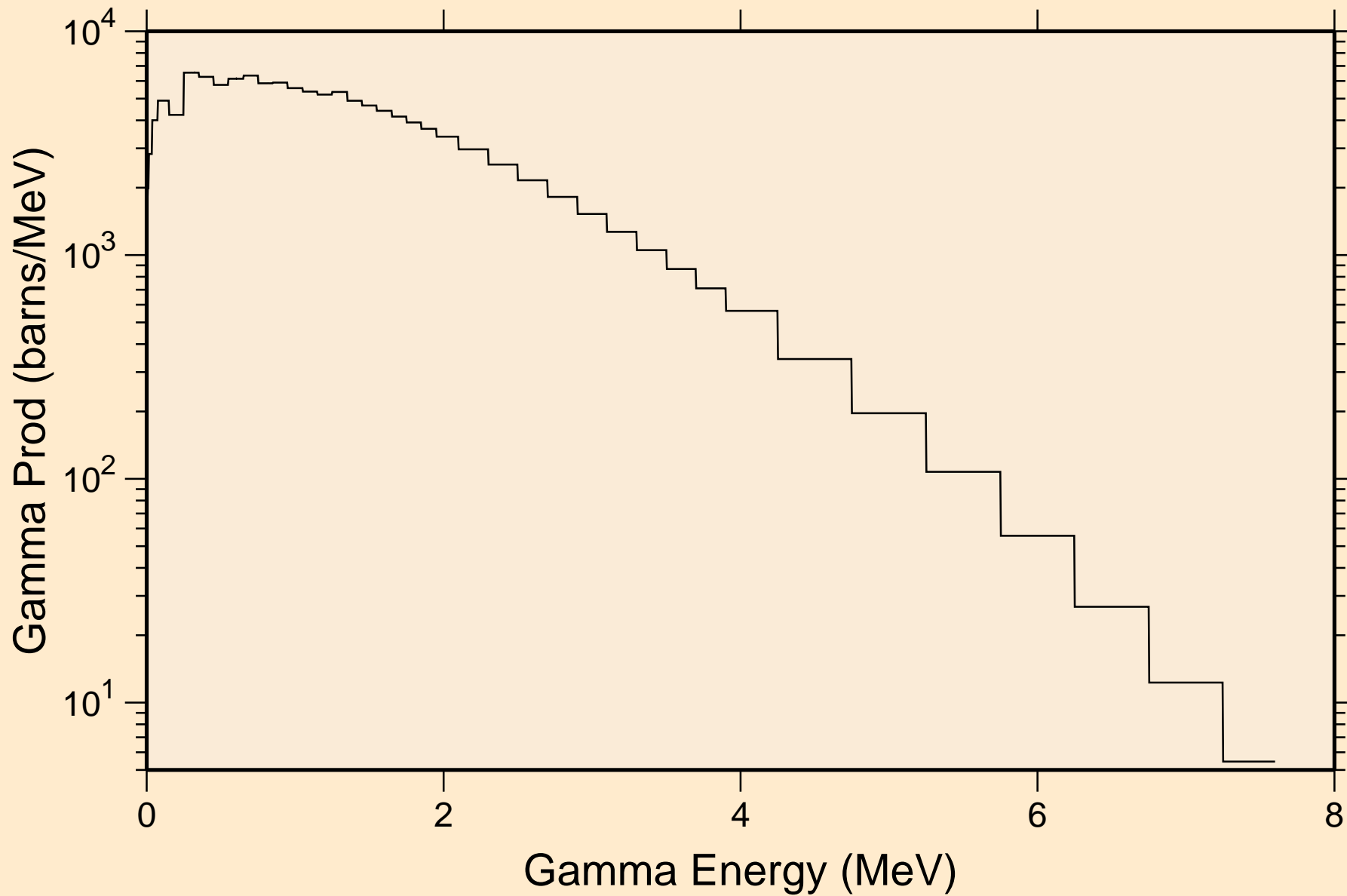




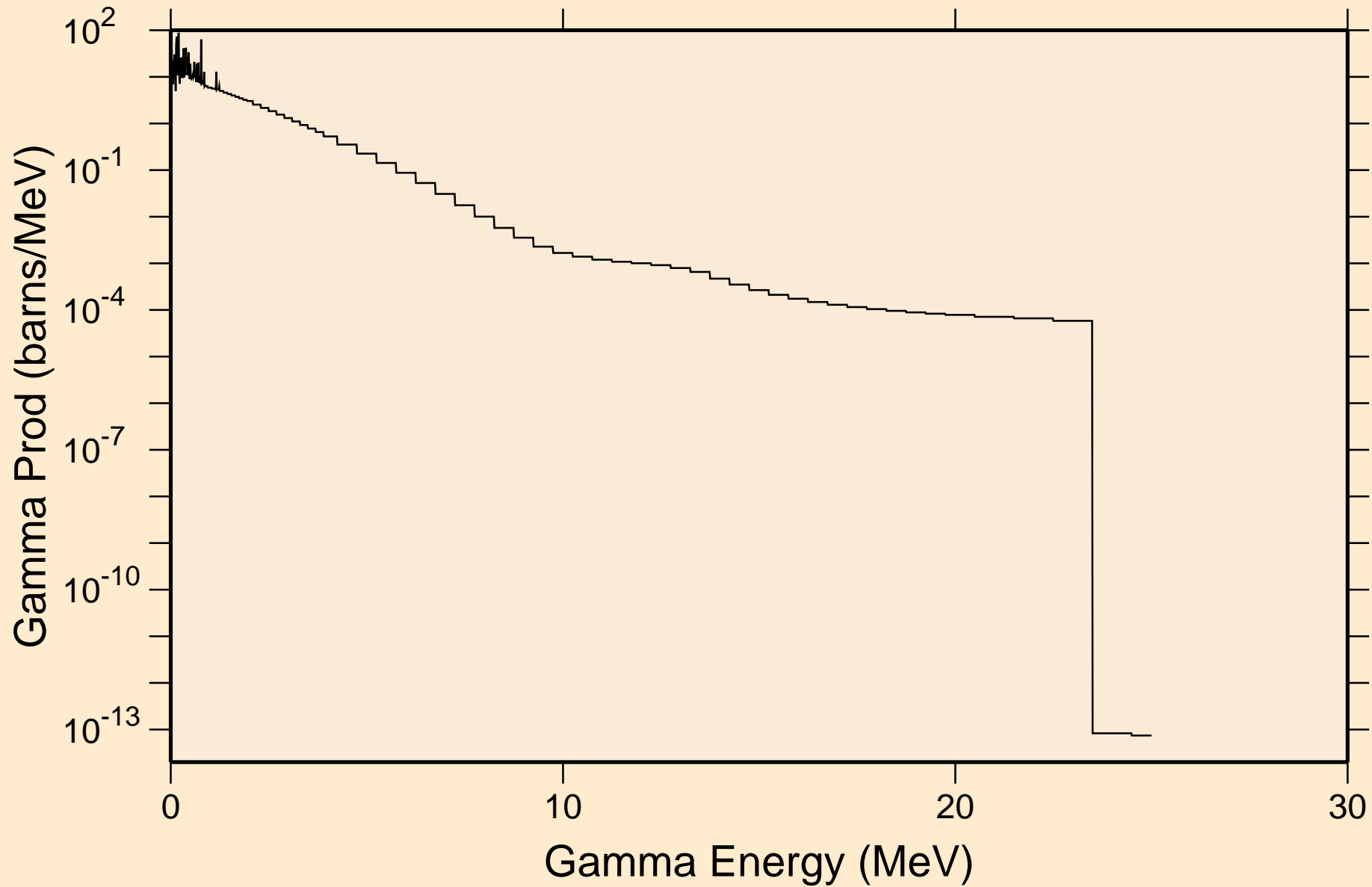
BI192M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BI192M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

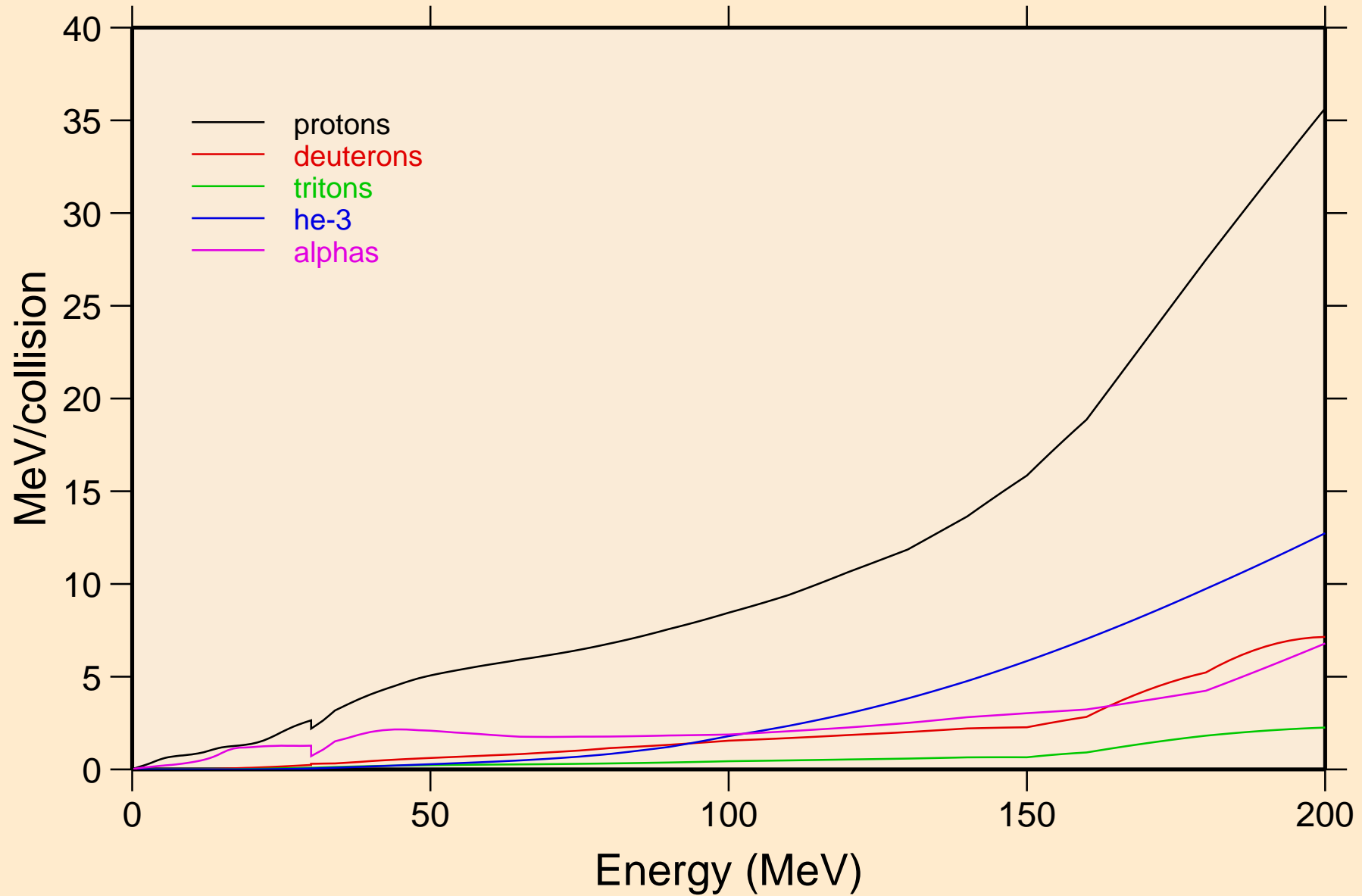


BI192M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



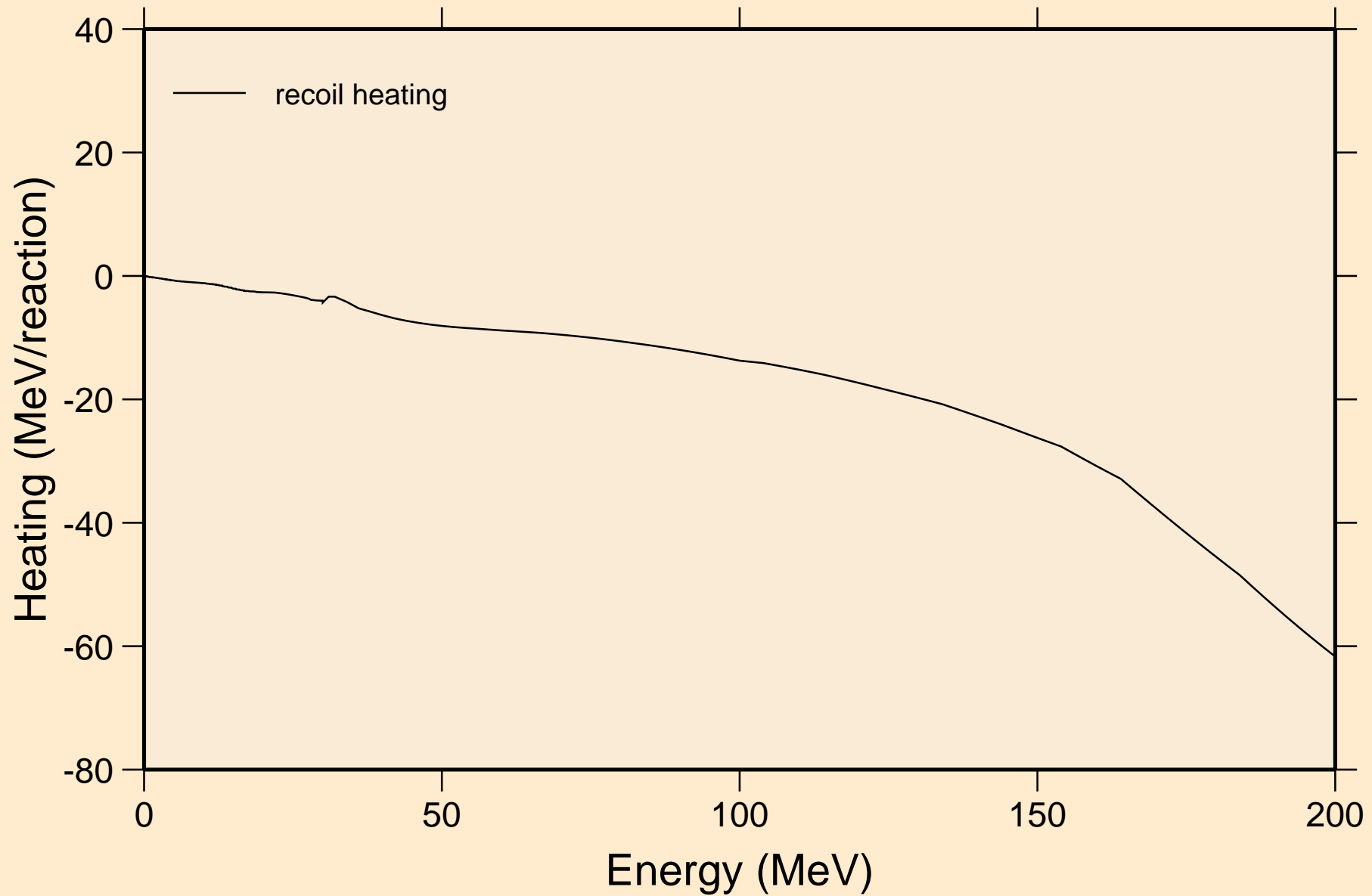
# BI192M NRG TENDL-2015, AKONING

## Particle heating contributions

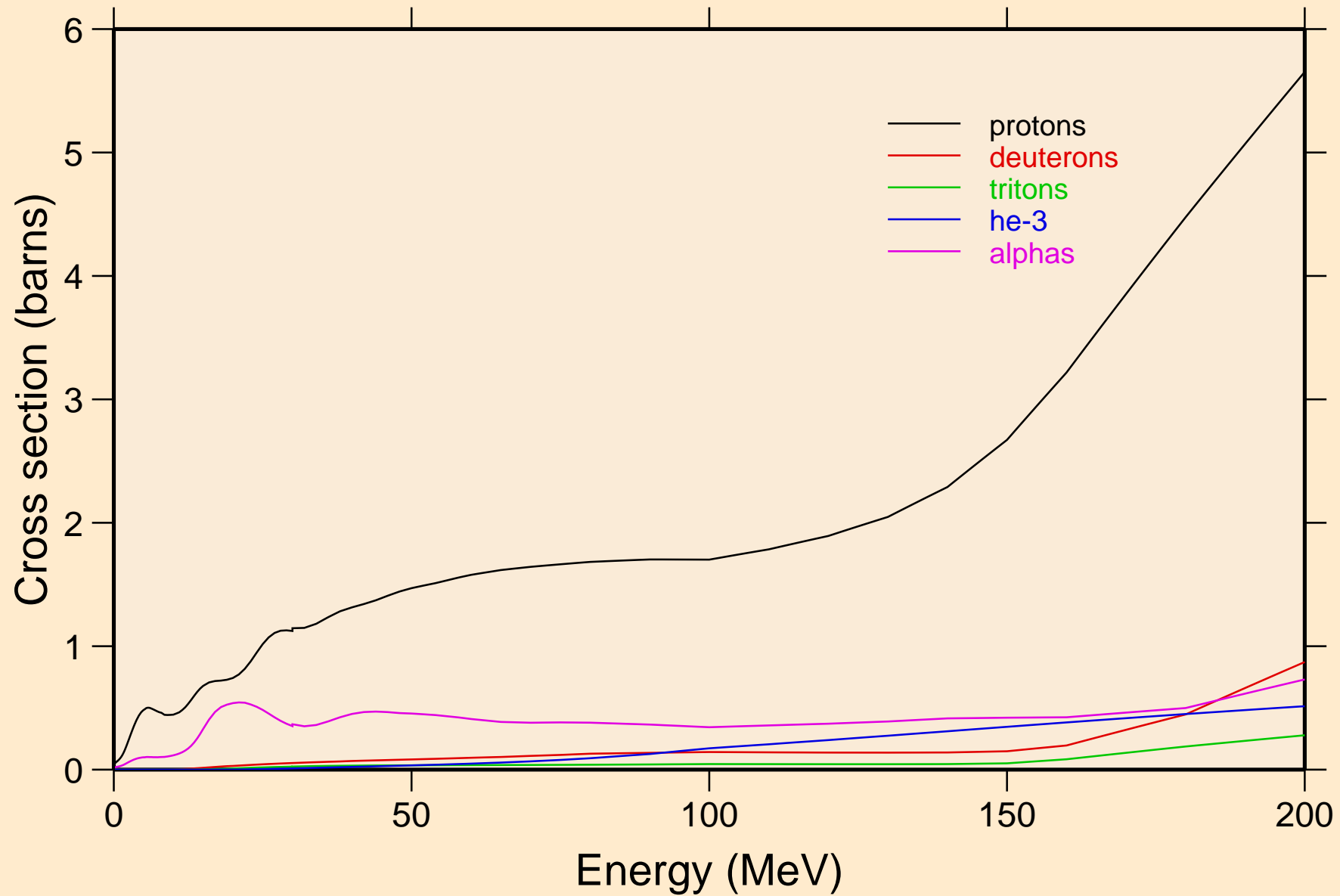


# BI192M NRG TENDL-2015, AKONING

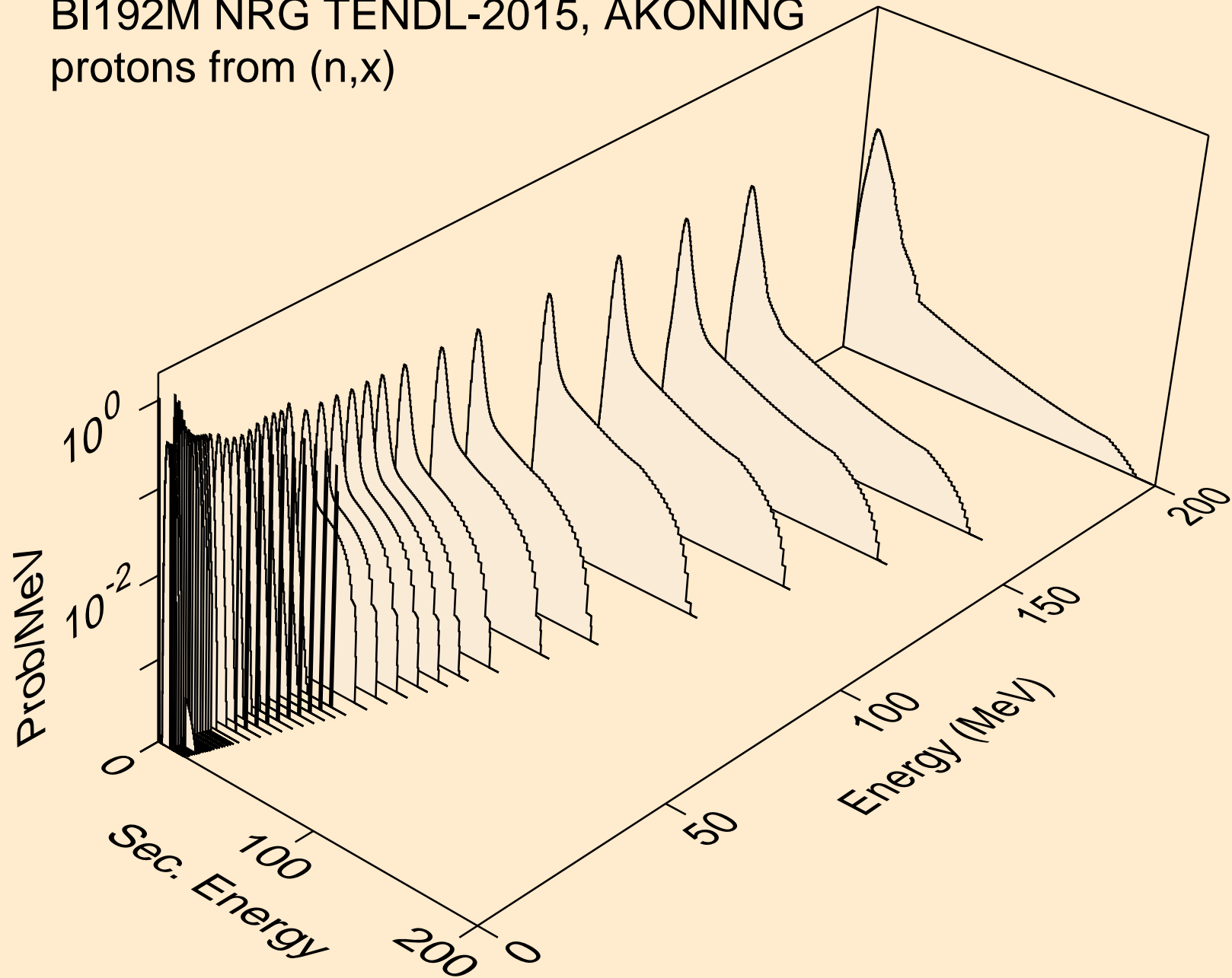
## Recoil Heating



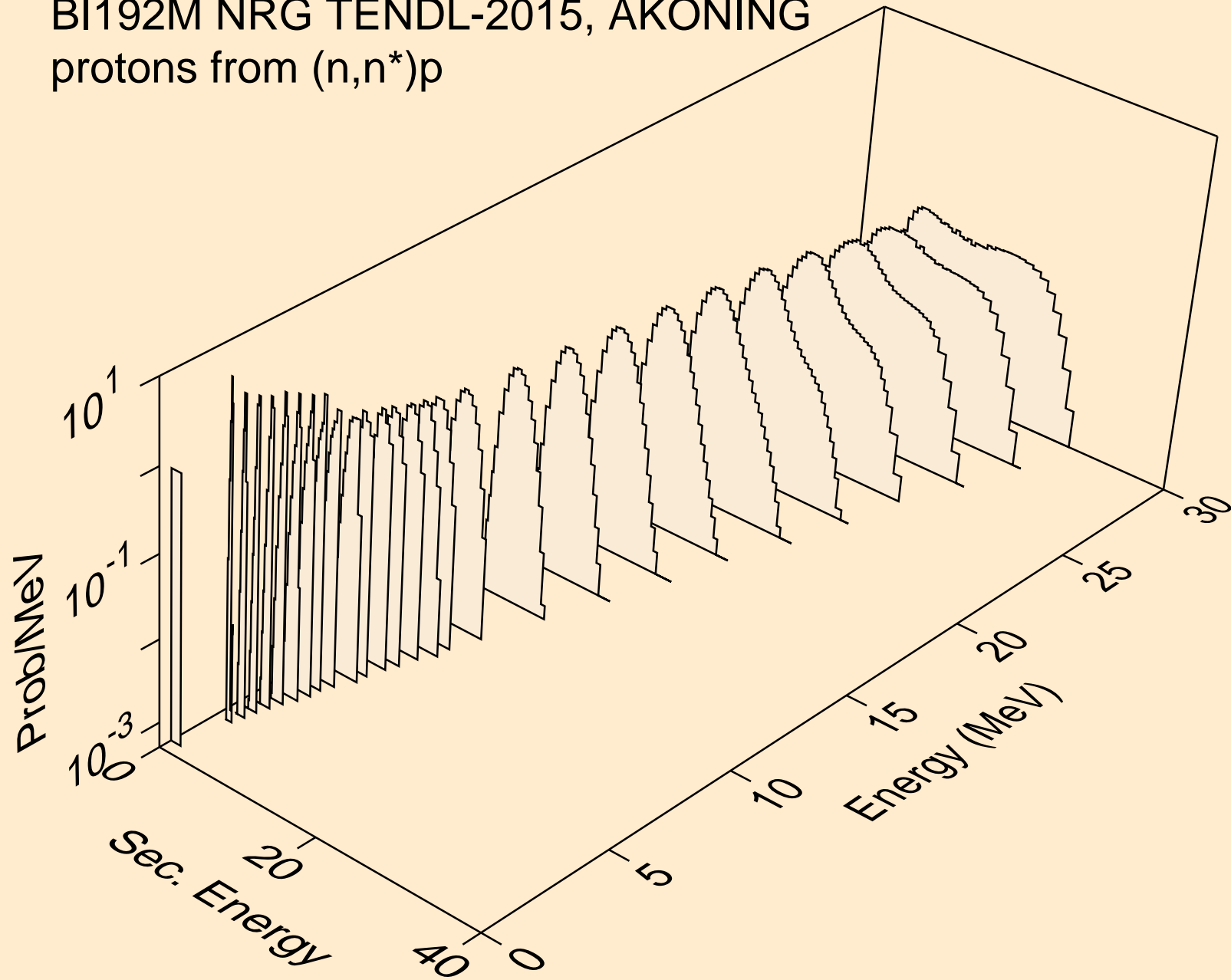
BI192M NRG TENDL-2015, AKONING  
Particle production cross sections



BI192M NRG TENDL-2015, AKONING  
protons from (n,x)

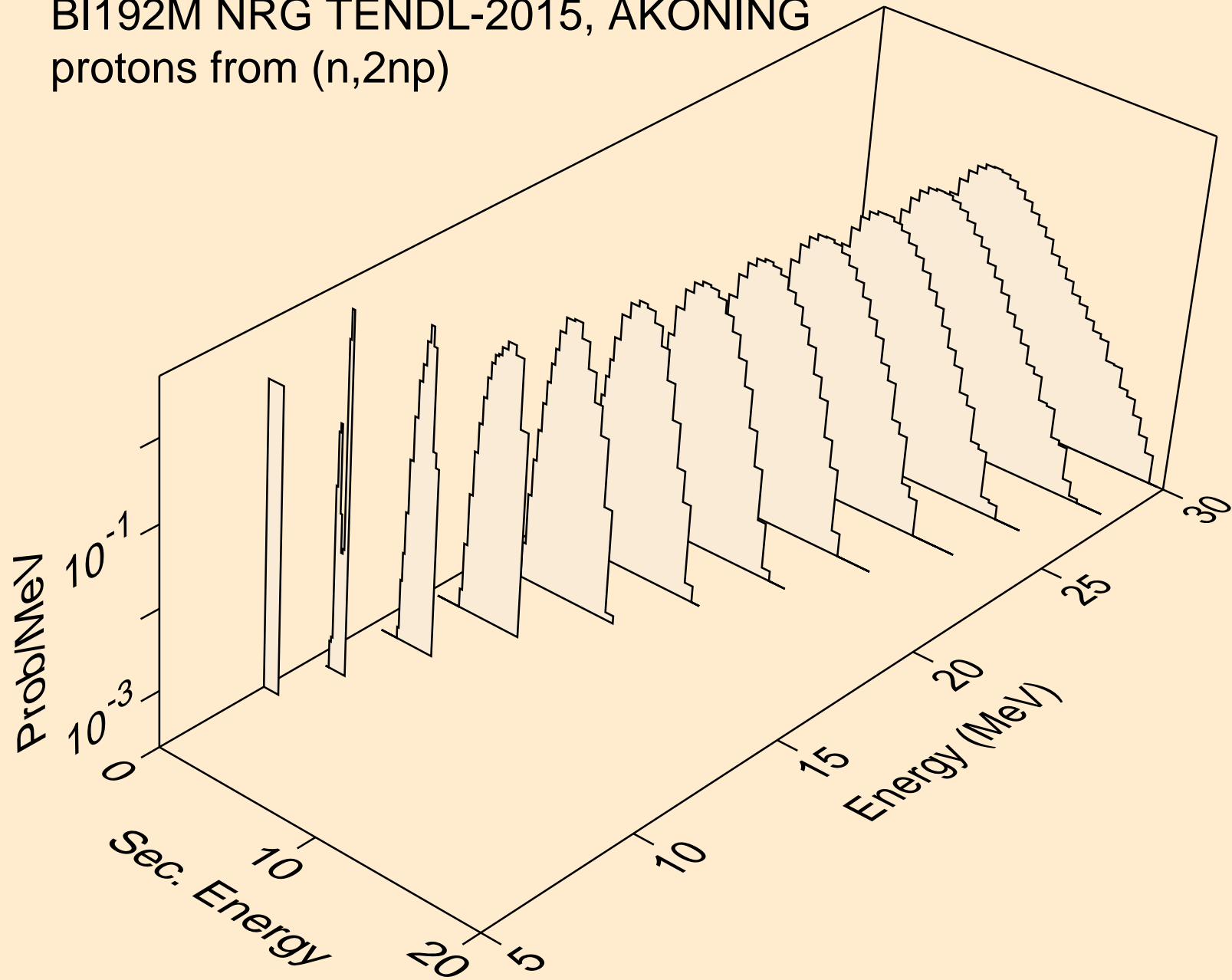


BI192M NRG TENDL-2015, AKONING  
protons from (n,n\*)p

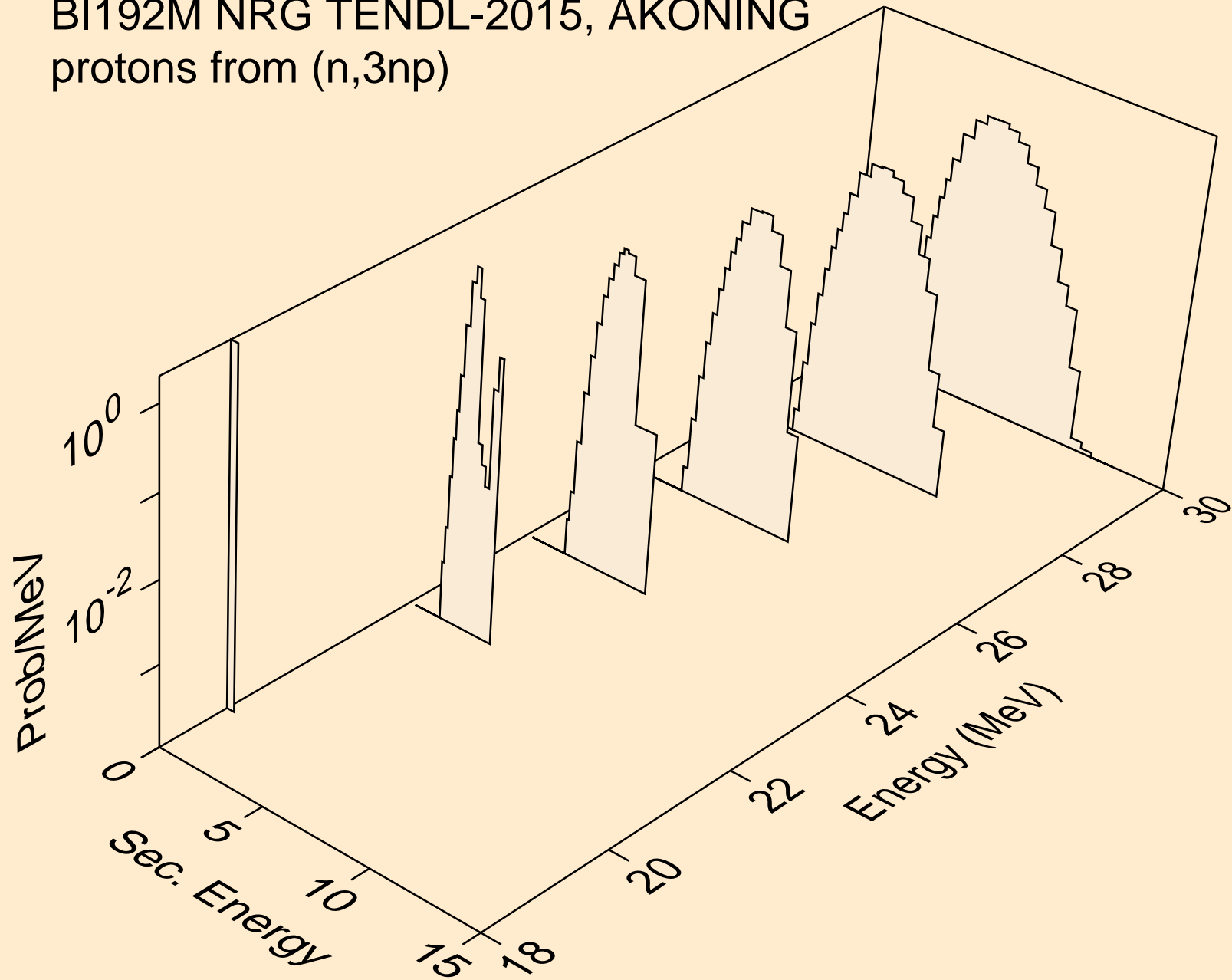




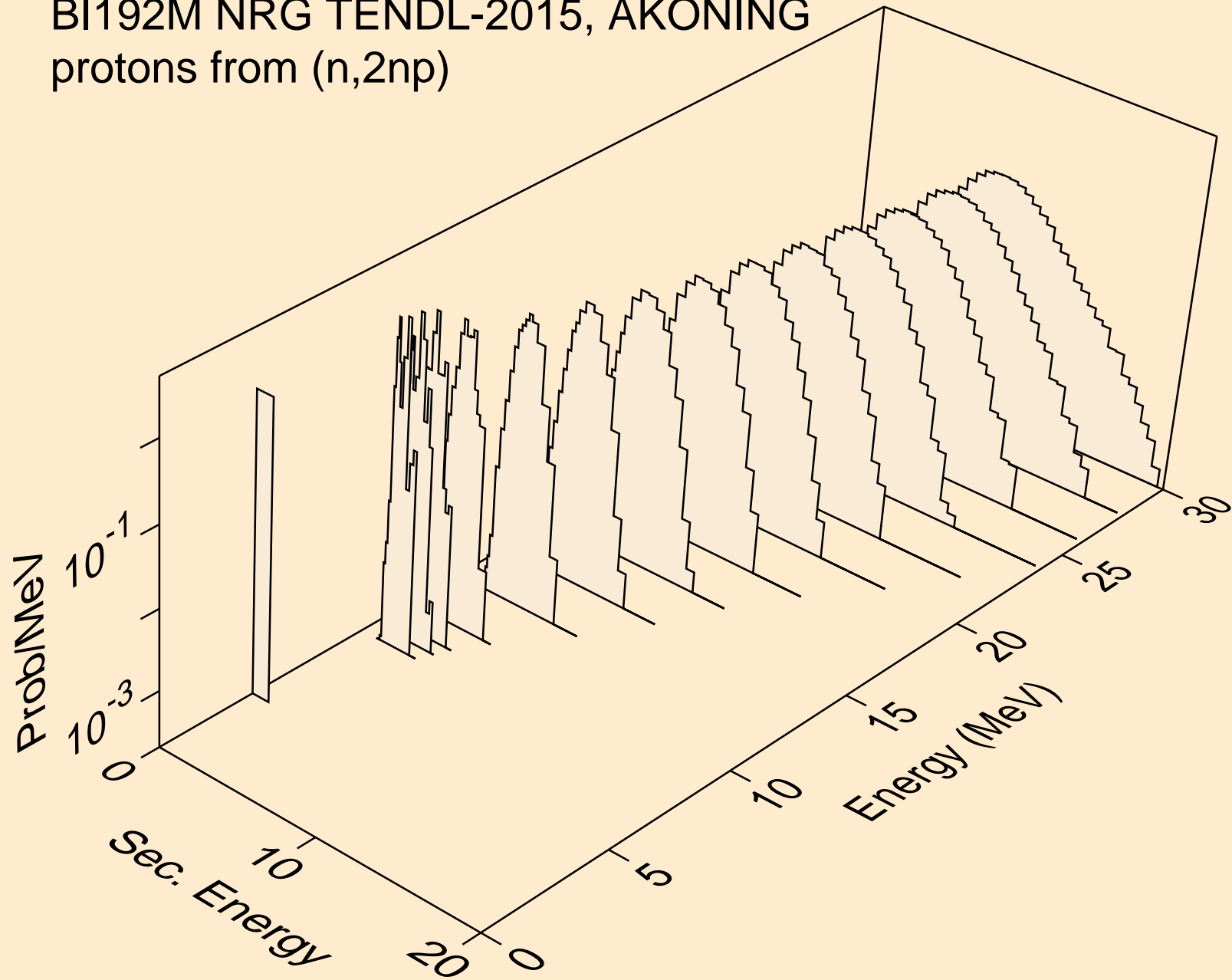
BI192M NRG TENDL-2015, AKONING  
protons from (n,2np)



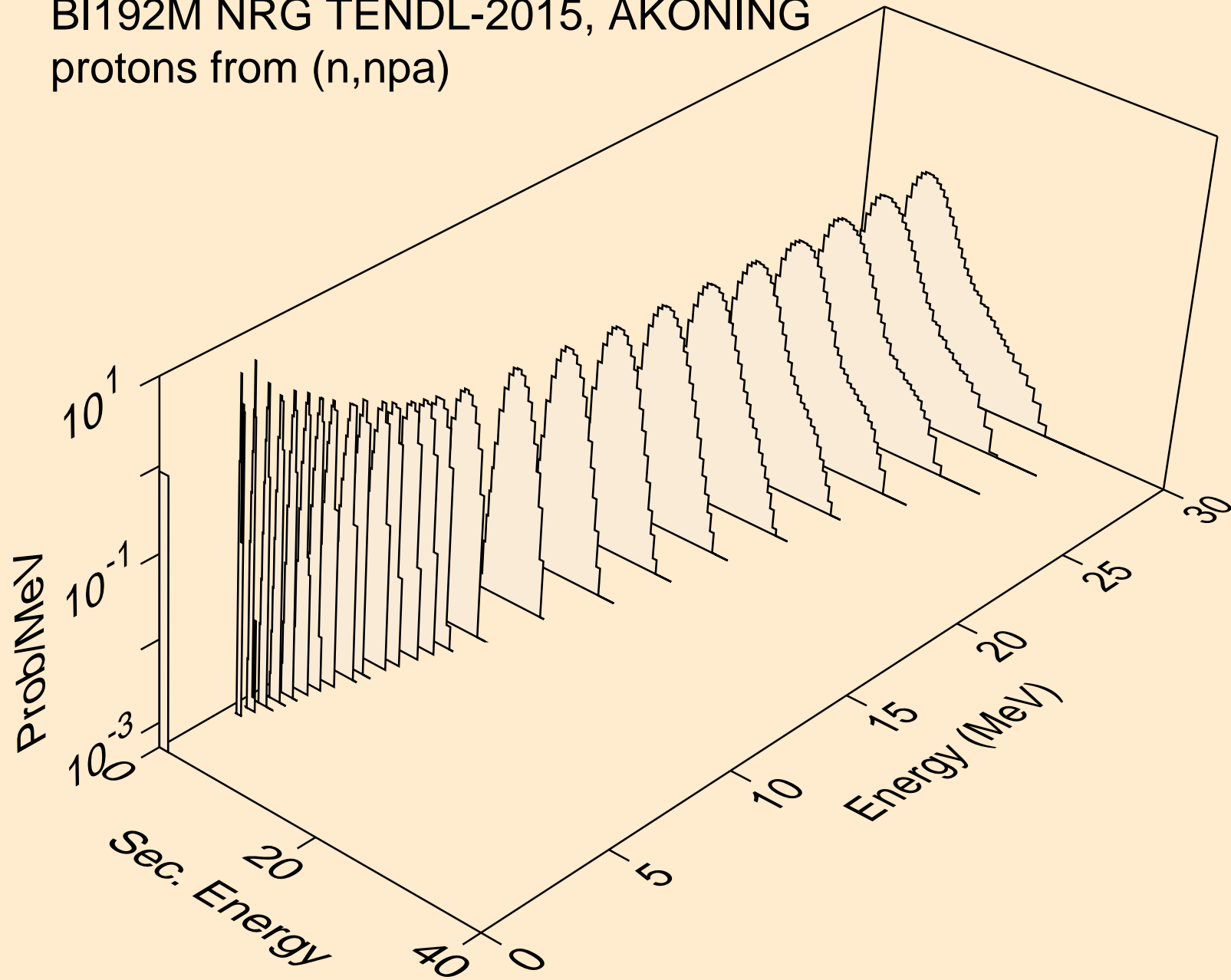
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protons from (n,3np)



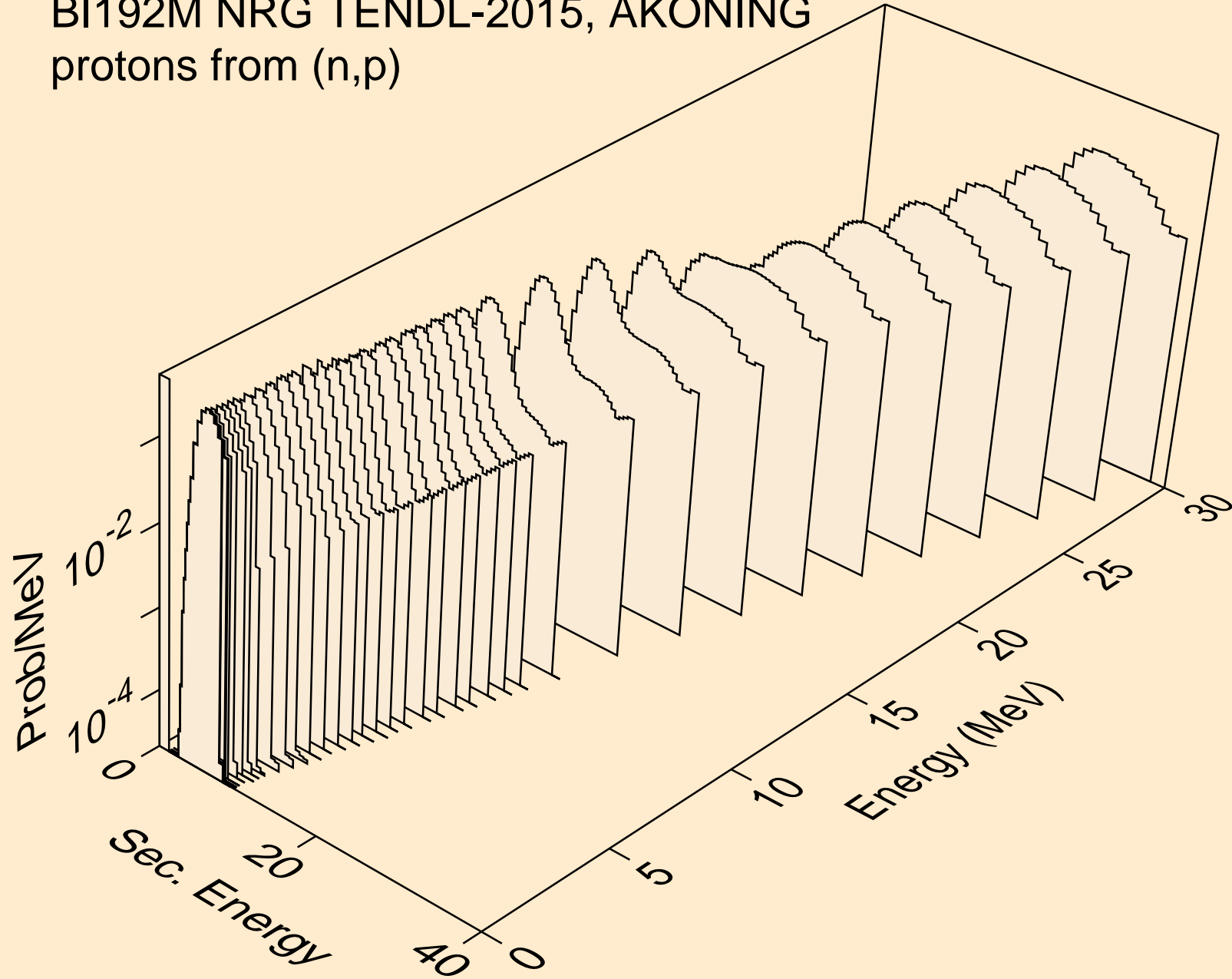
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protons from (n,2np)



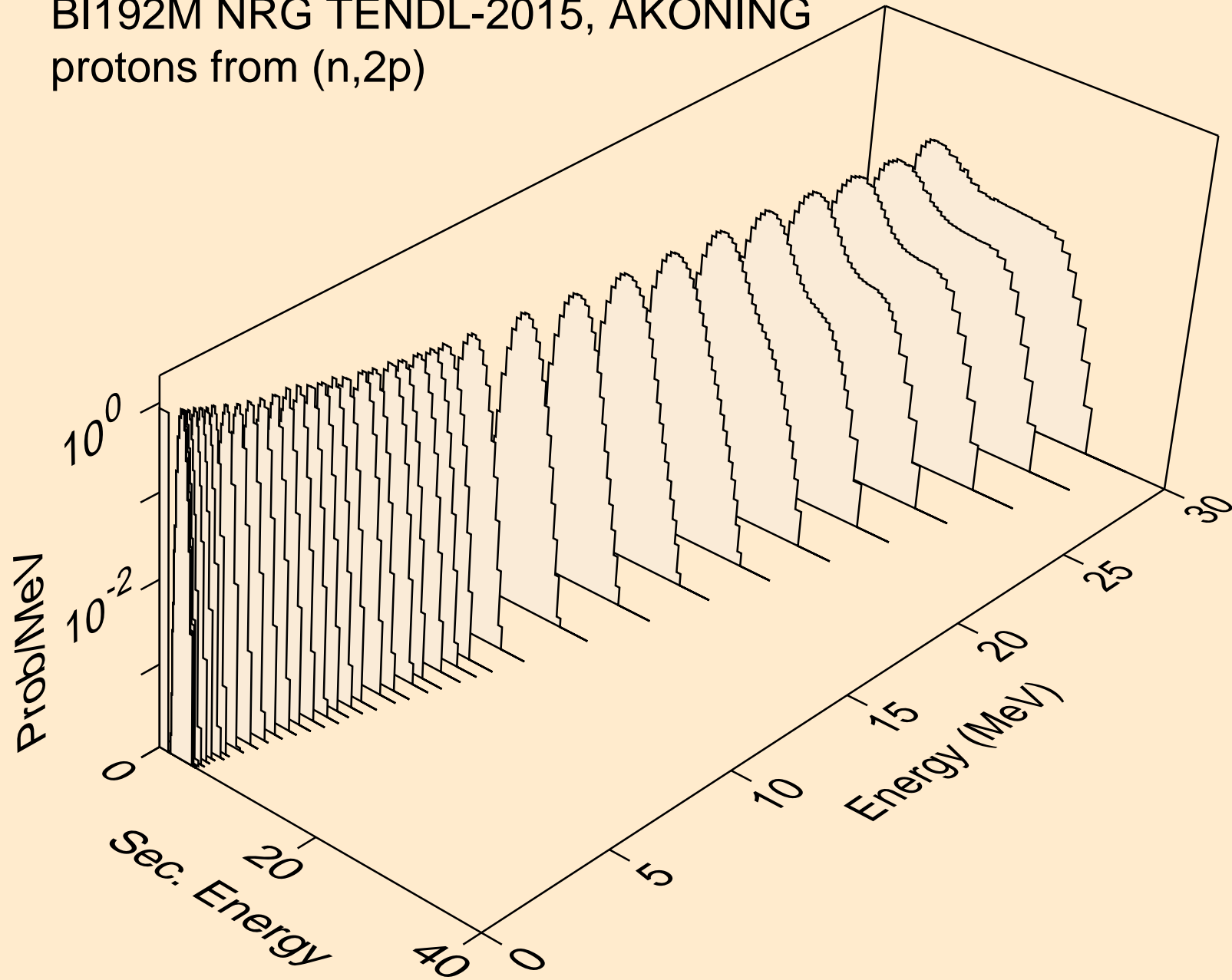
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protons from (n,npa)



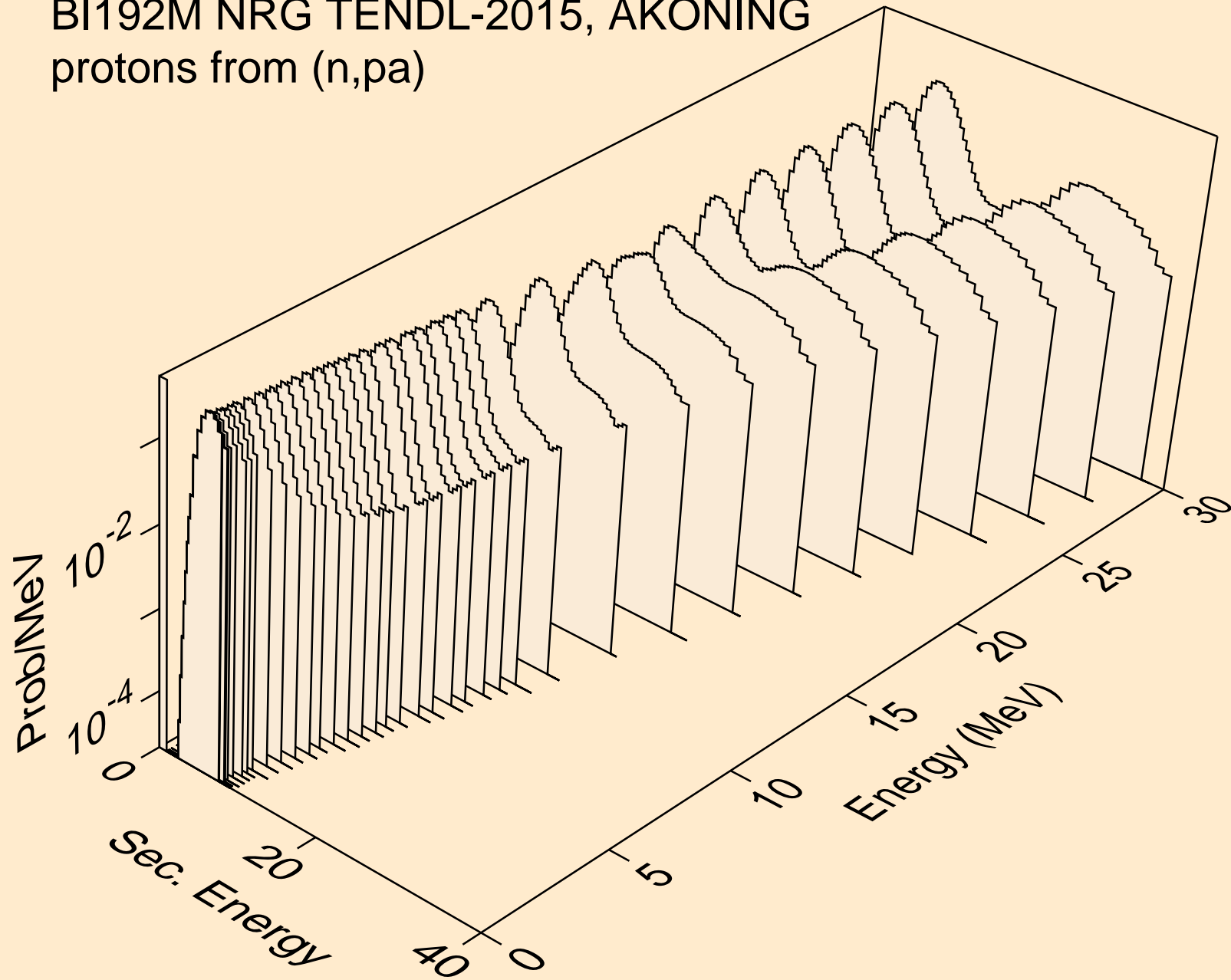
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protons from (n,p)



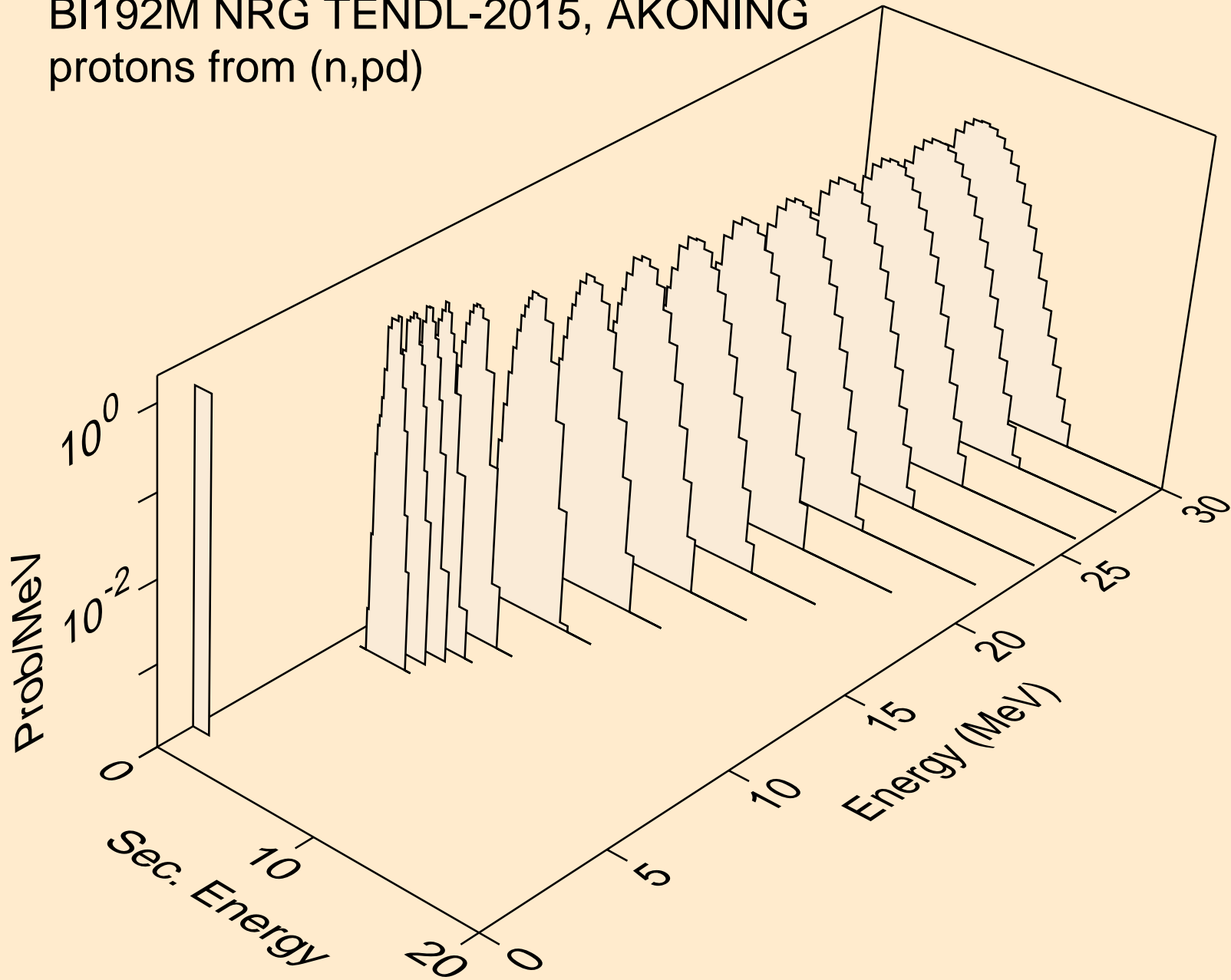
BI192M NRG TENDL-2015, AKONING  
protons from (n,2p)



BI192M NRG TENDL-2015, AKONING  
protons from (n,pa)

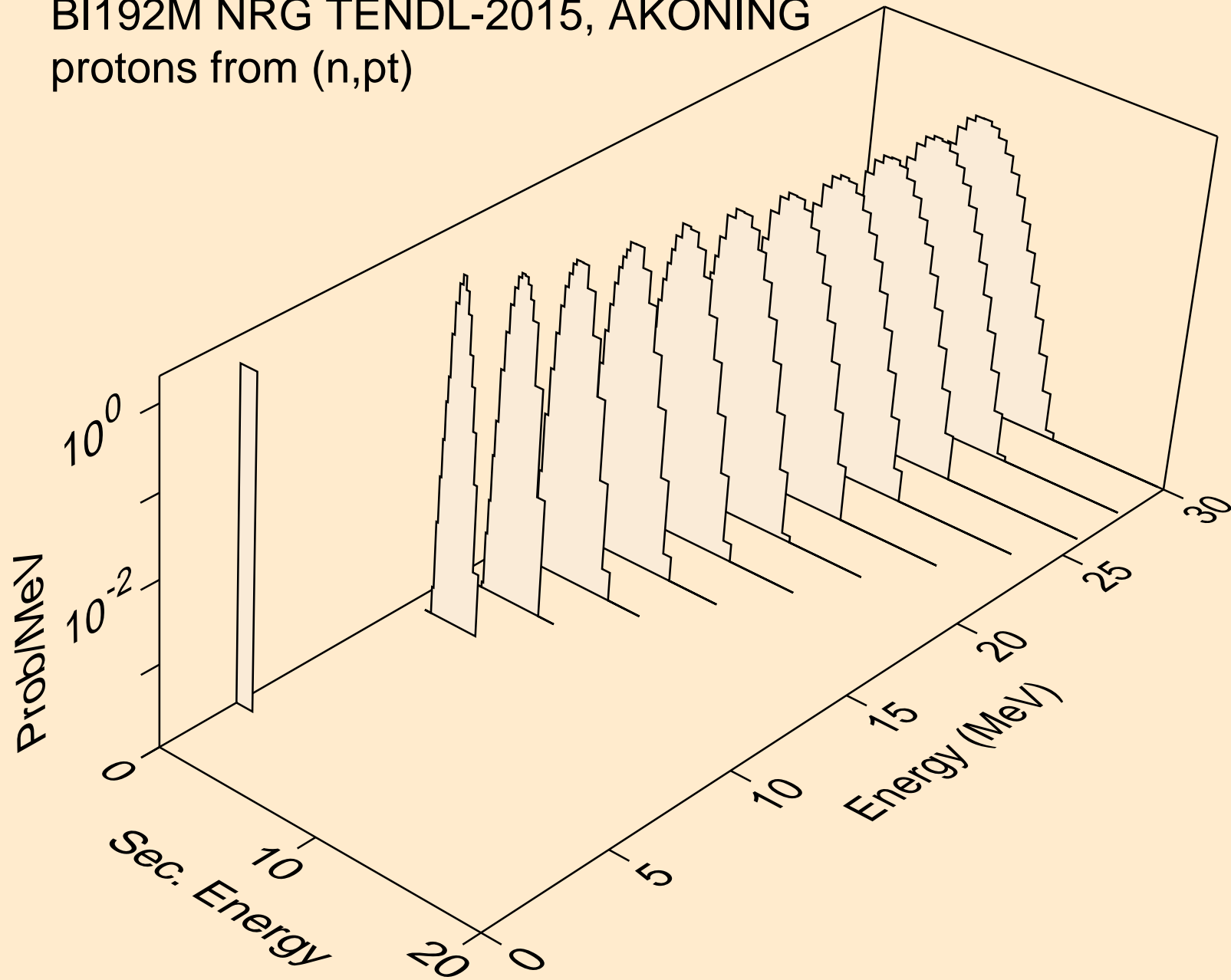


BI192M NRG TENDL-2015, AKONING  
protons from (n,pd)

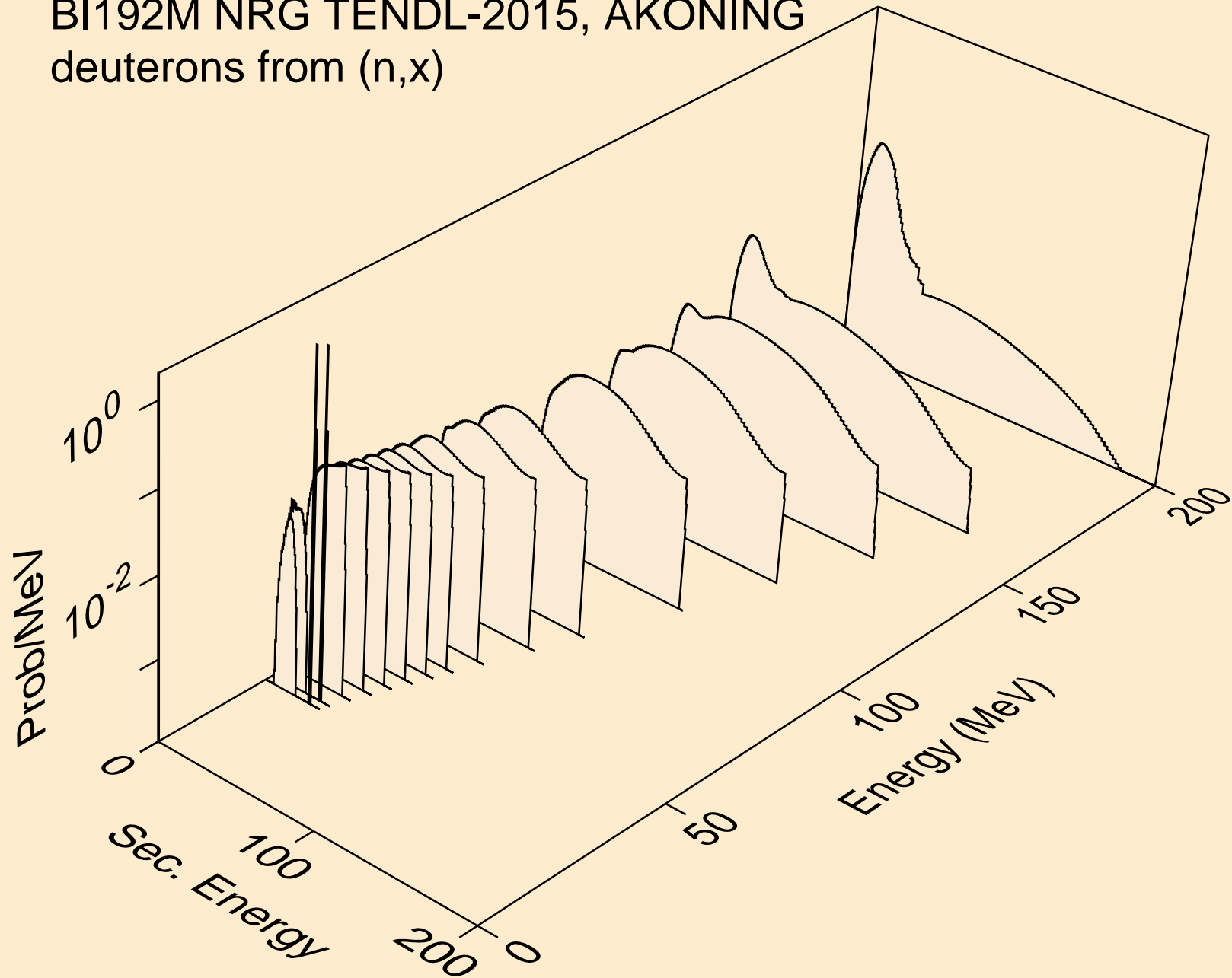




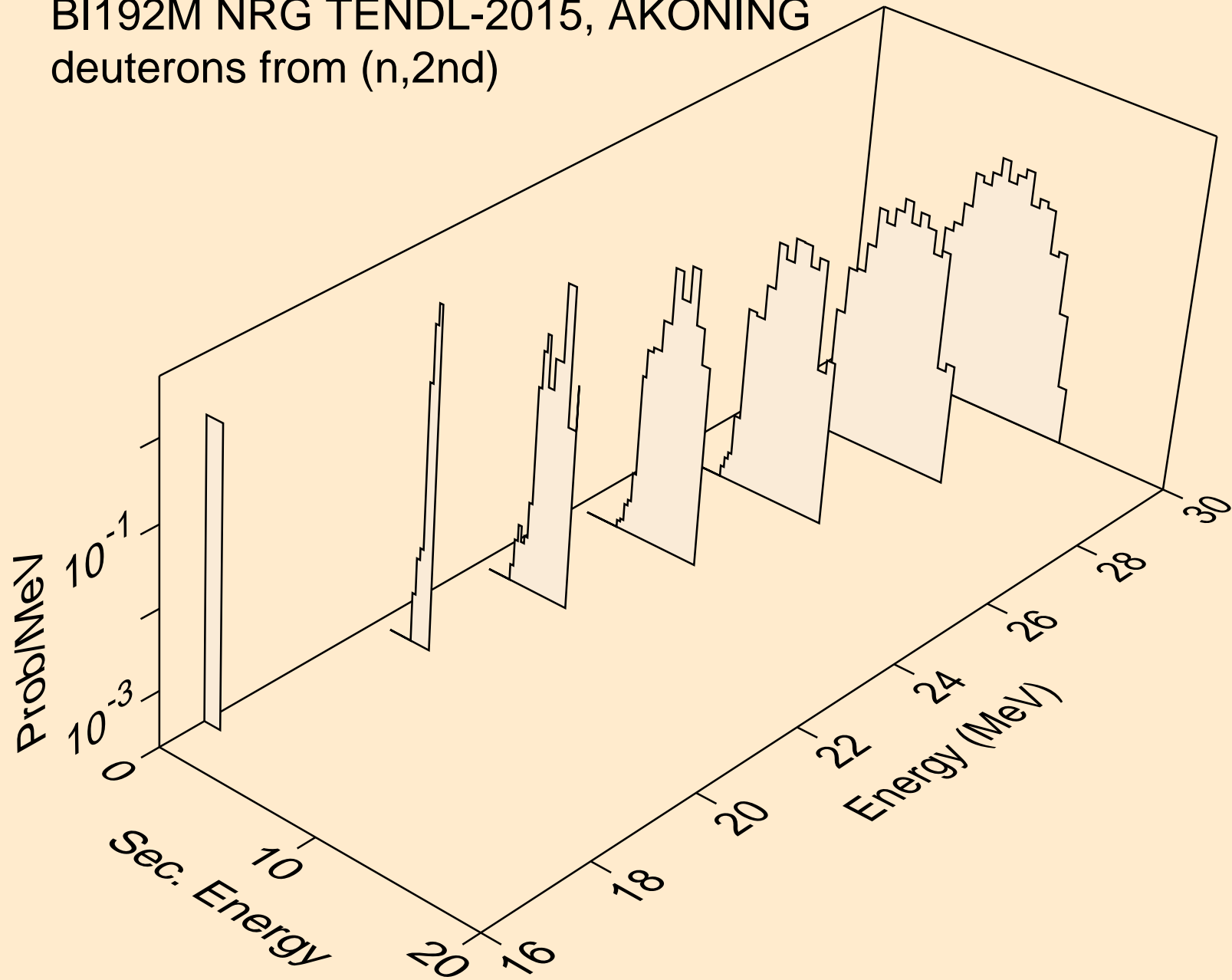
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protons from (n,pt)



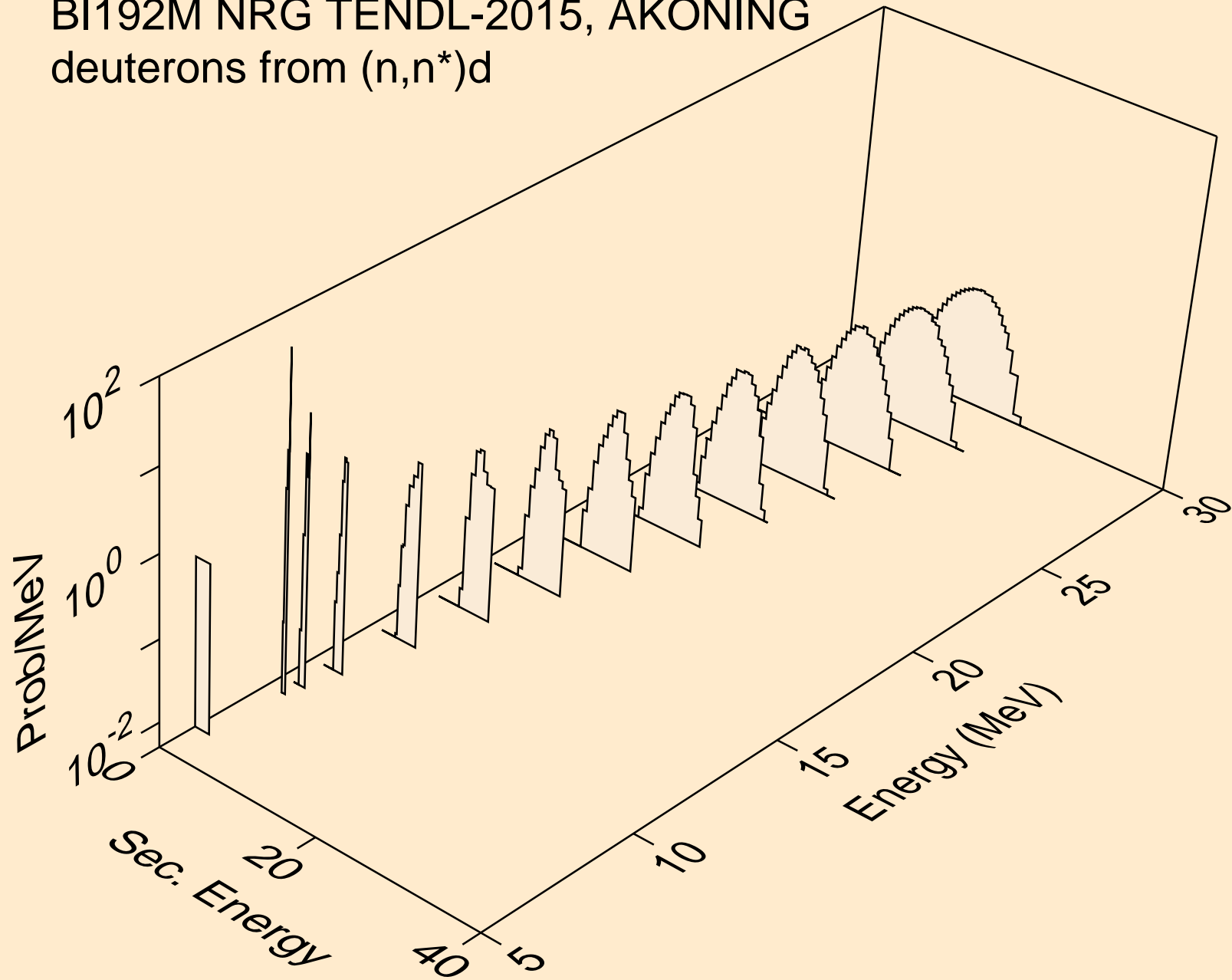
BI192M NRG TENDL-2015, AKONING  
deuterons from (n,x)



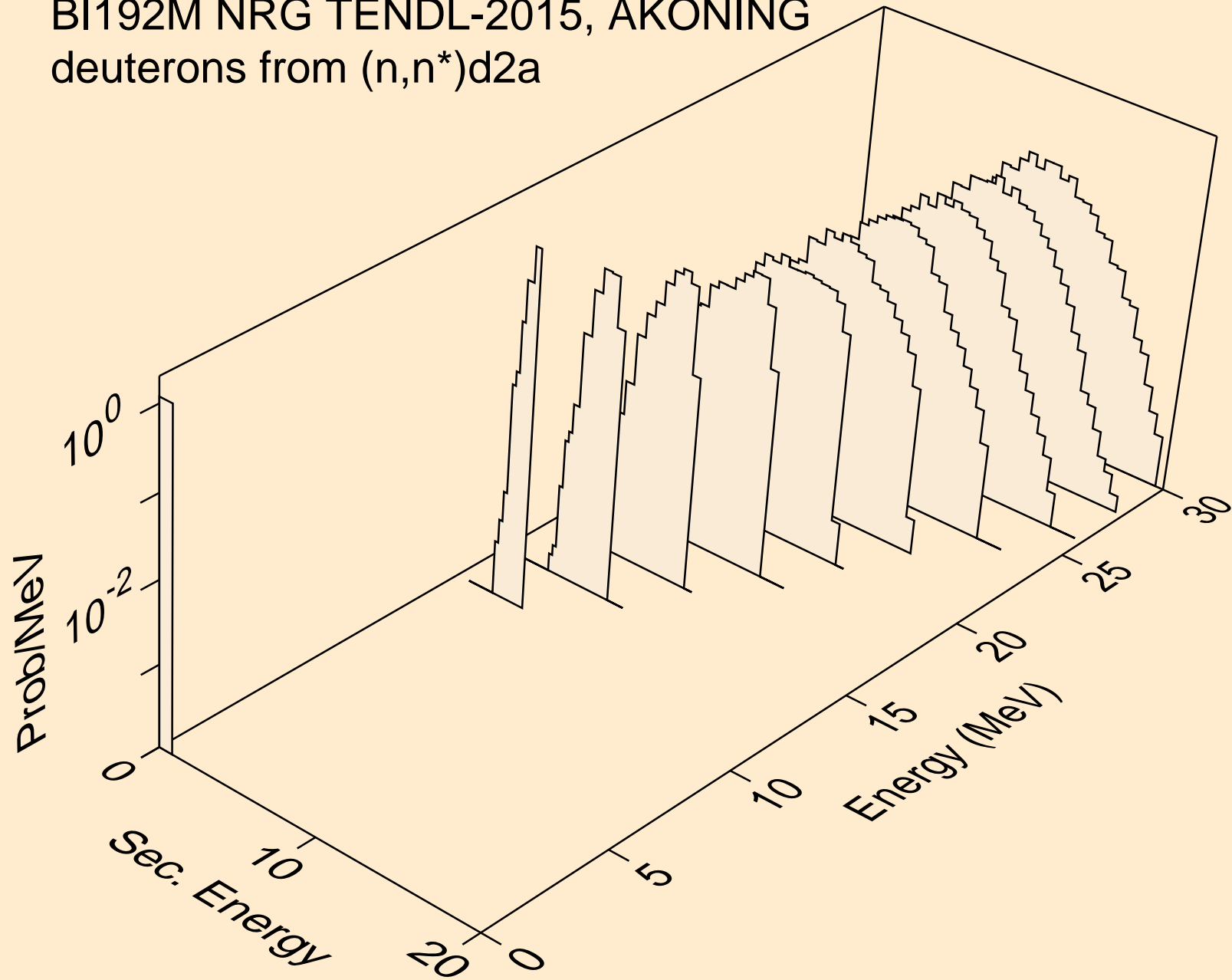
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deuterons from (n,2nd)



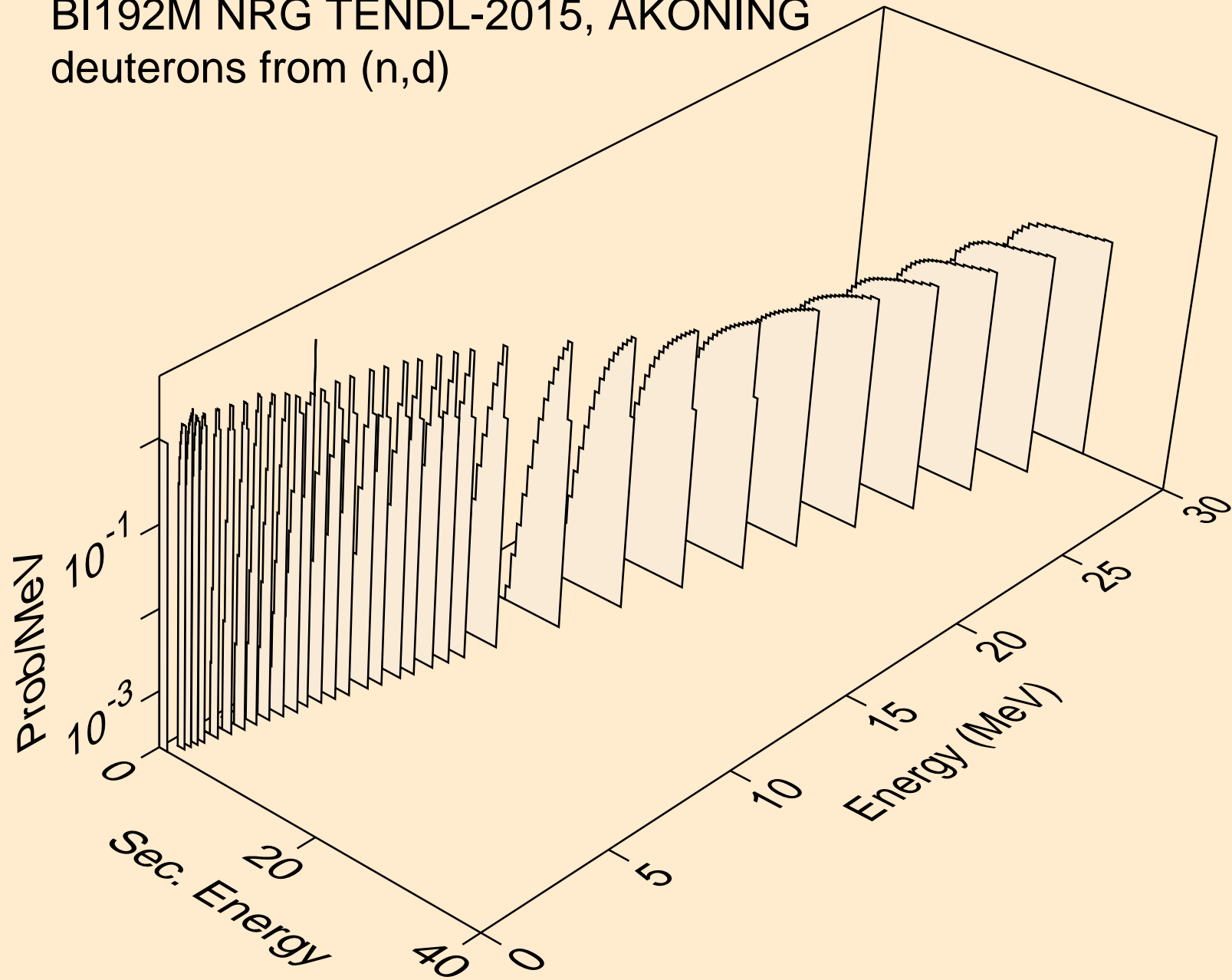
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deuterons from (n,n\*)d



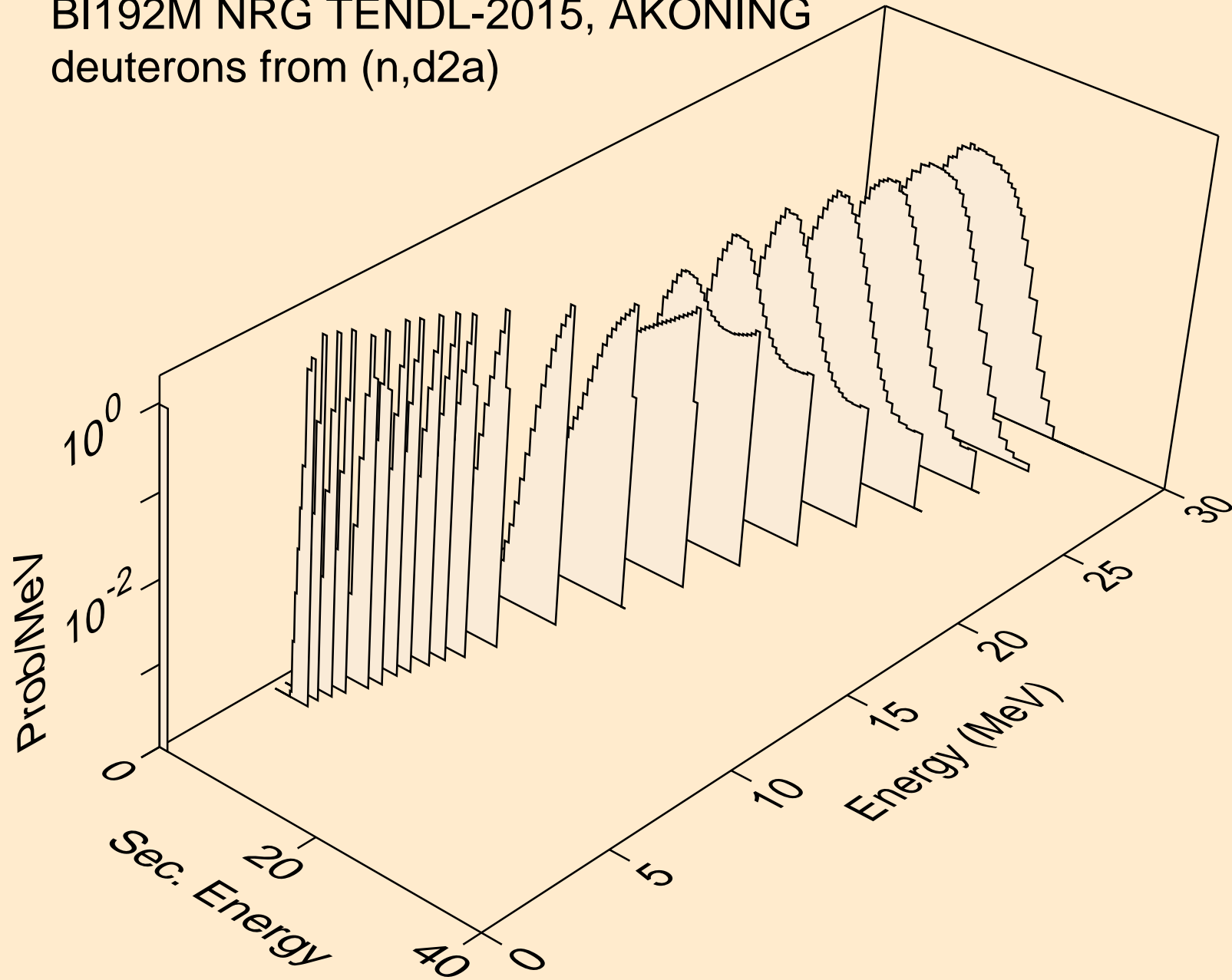
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deuterons from (n,n\*)d2a



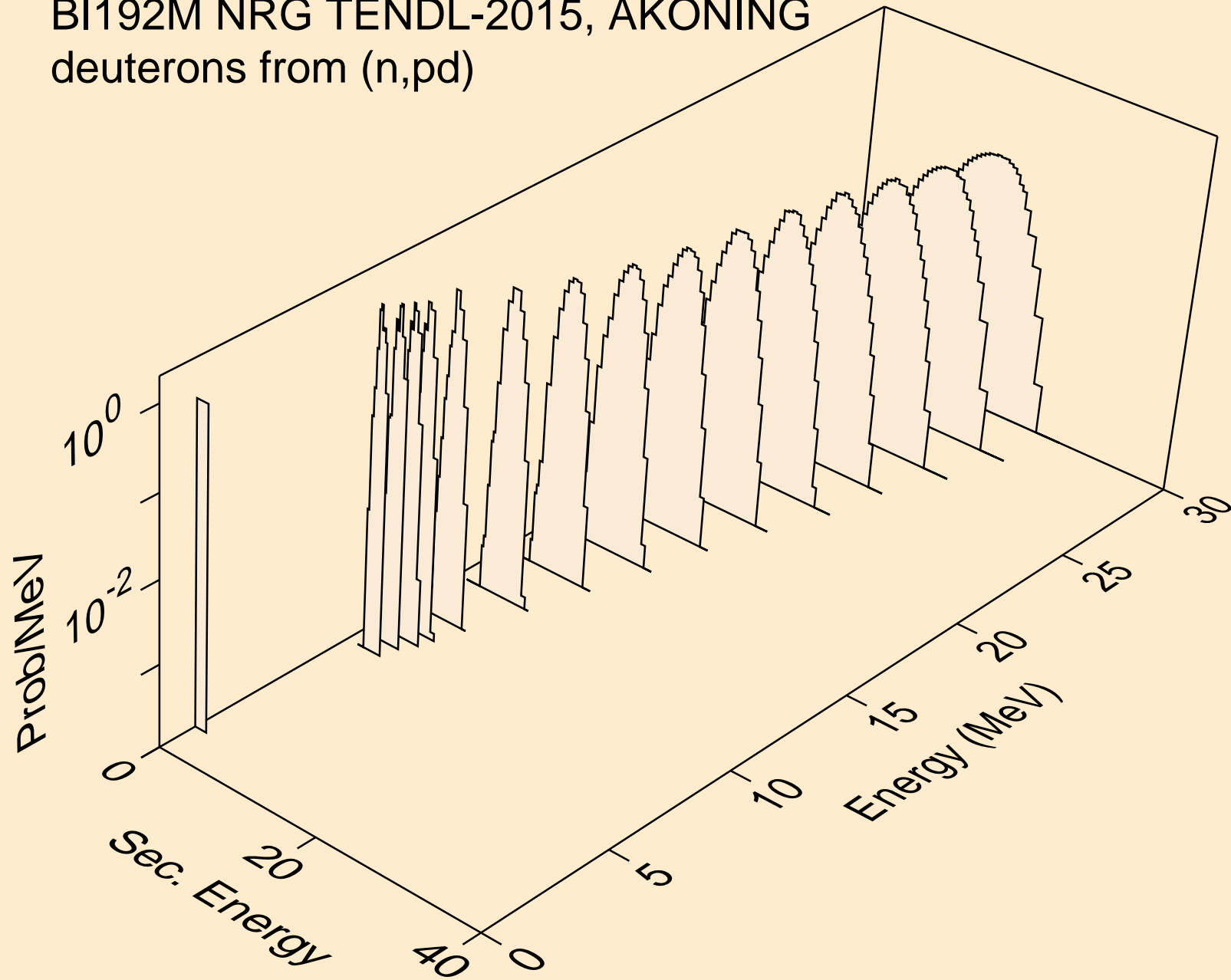
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deuterons from (n,d)



BI192M NRG TENDL-2015, AKONING  
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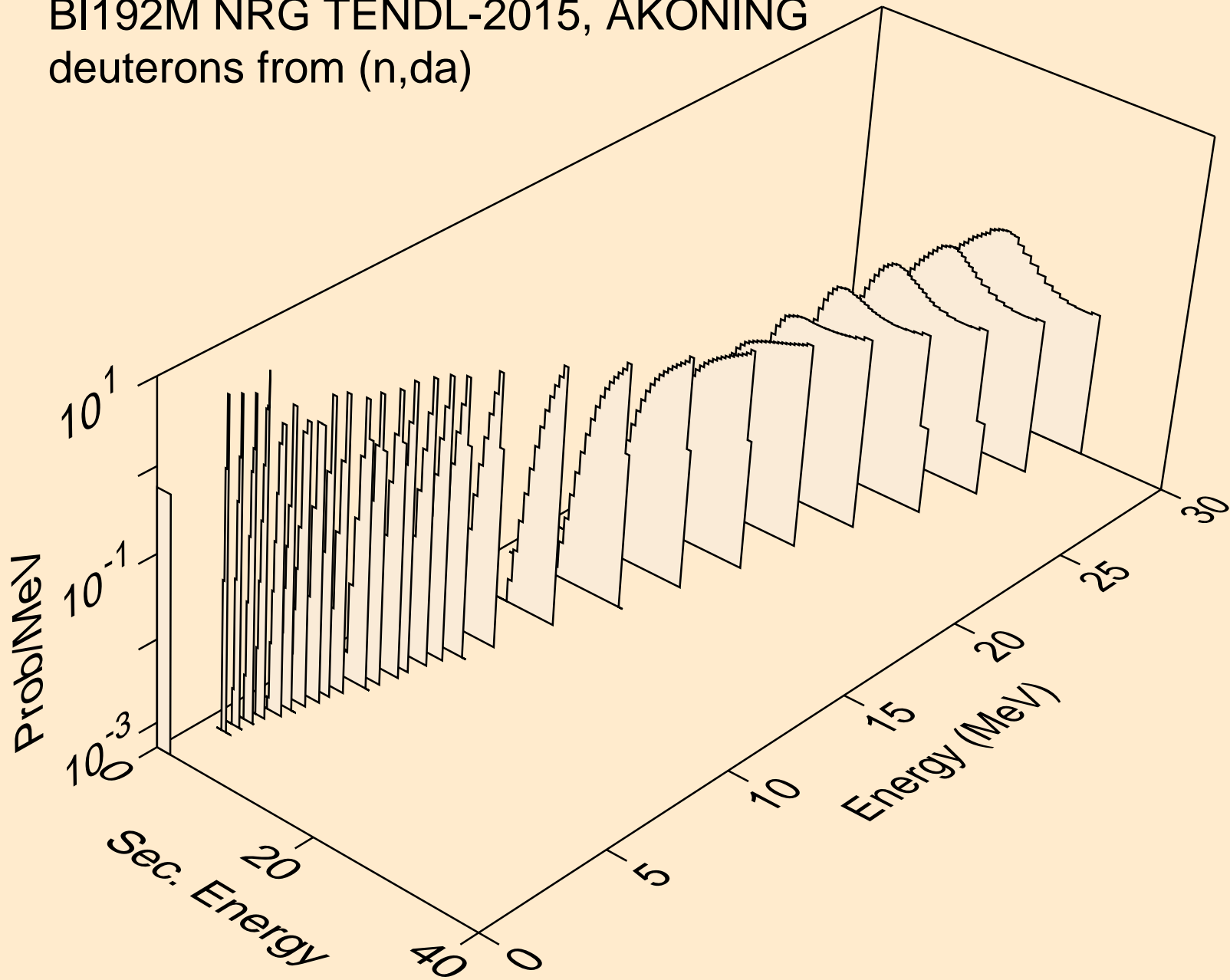


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deuterons from (n,pd)

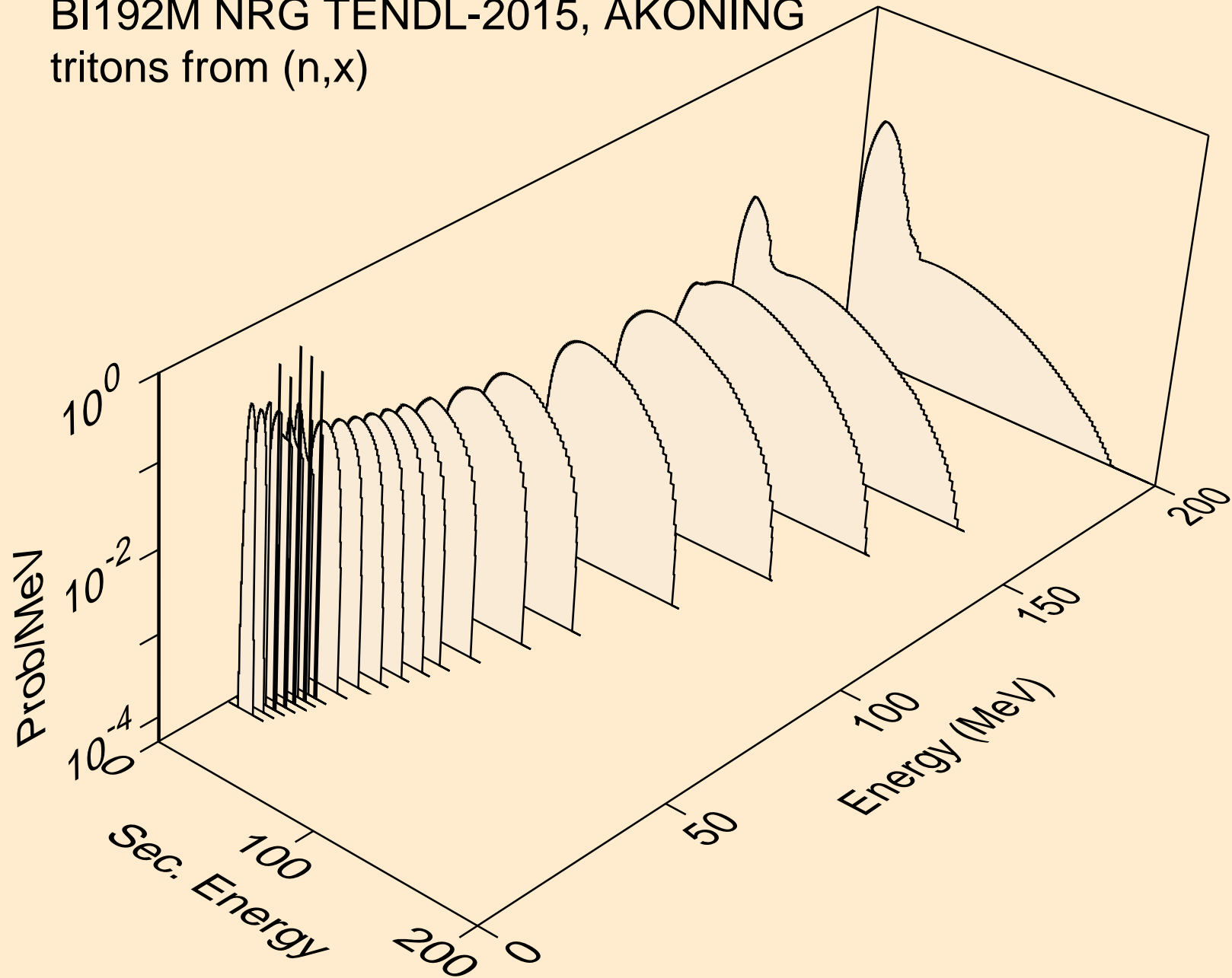




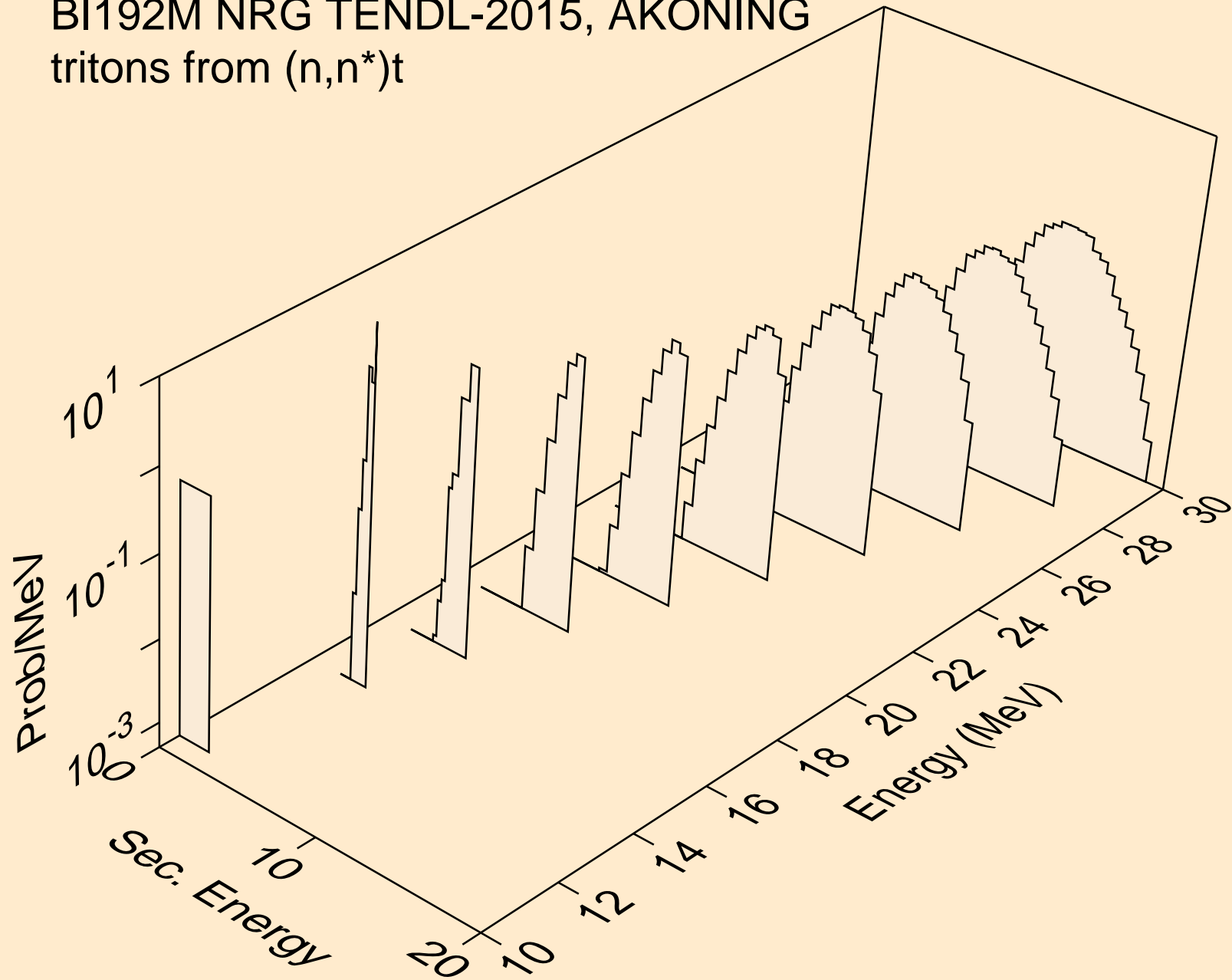
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deuterons from (n,da)



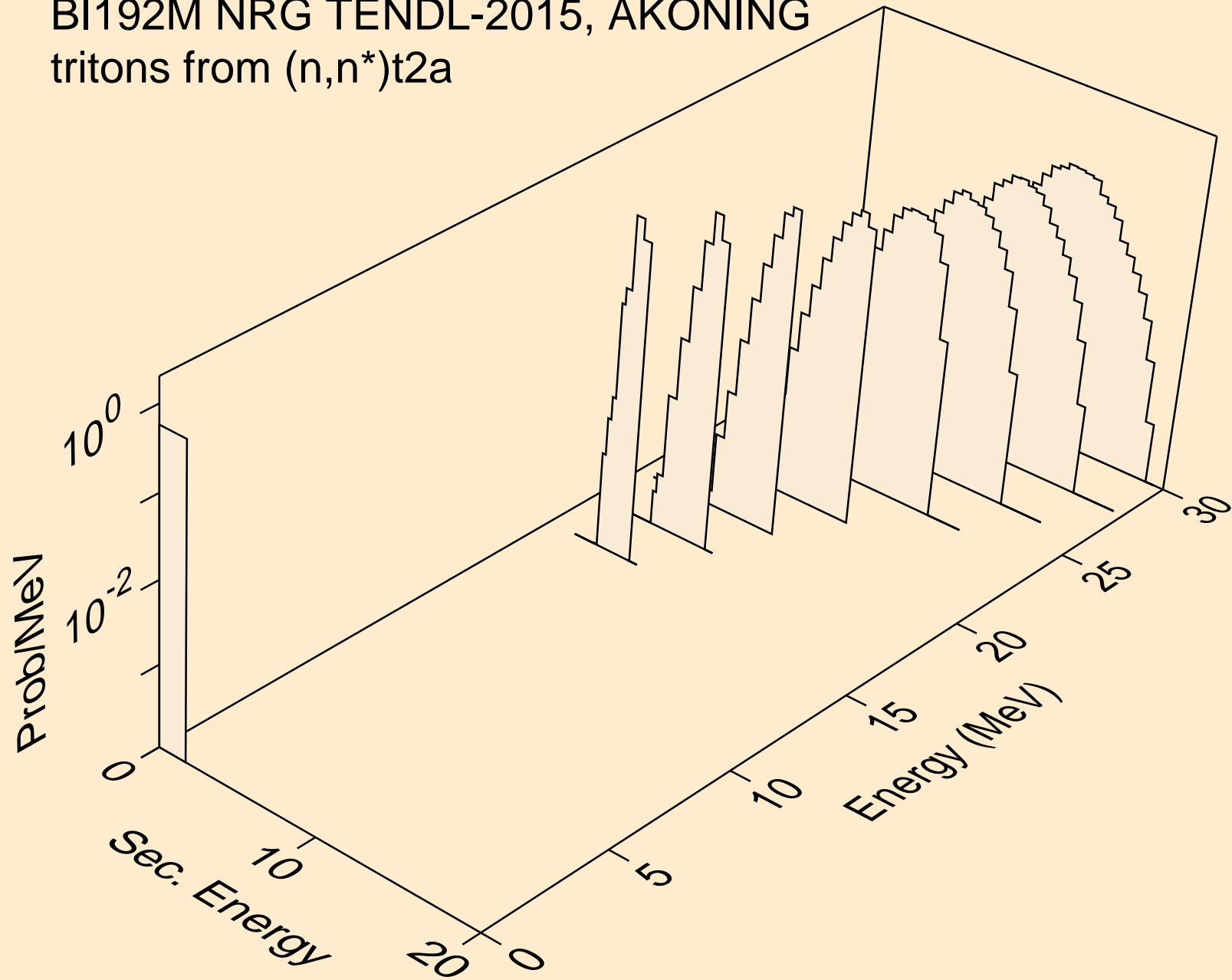
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tritons from (n,x)



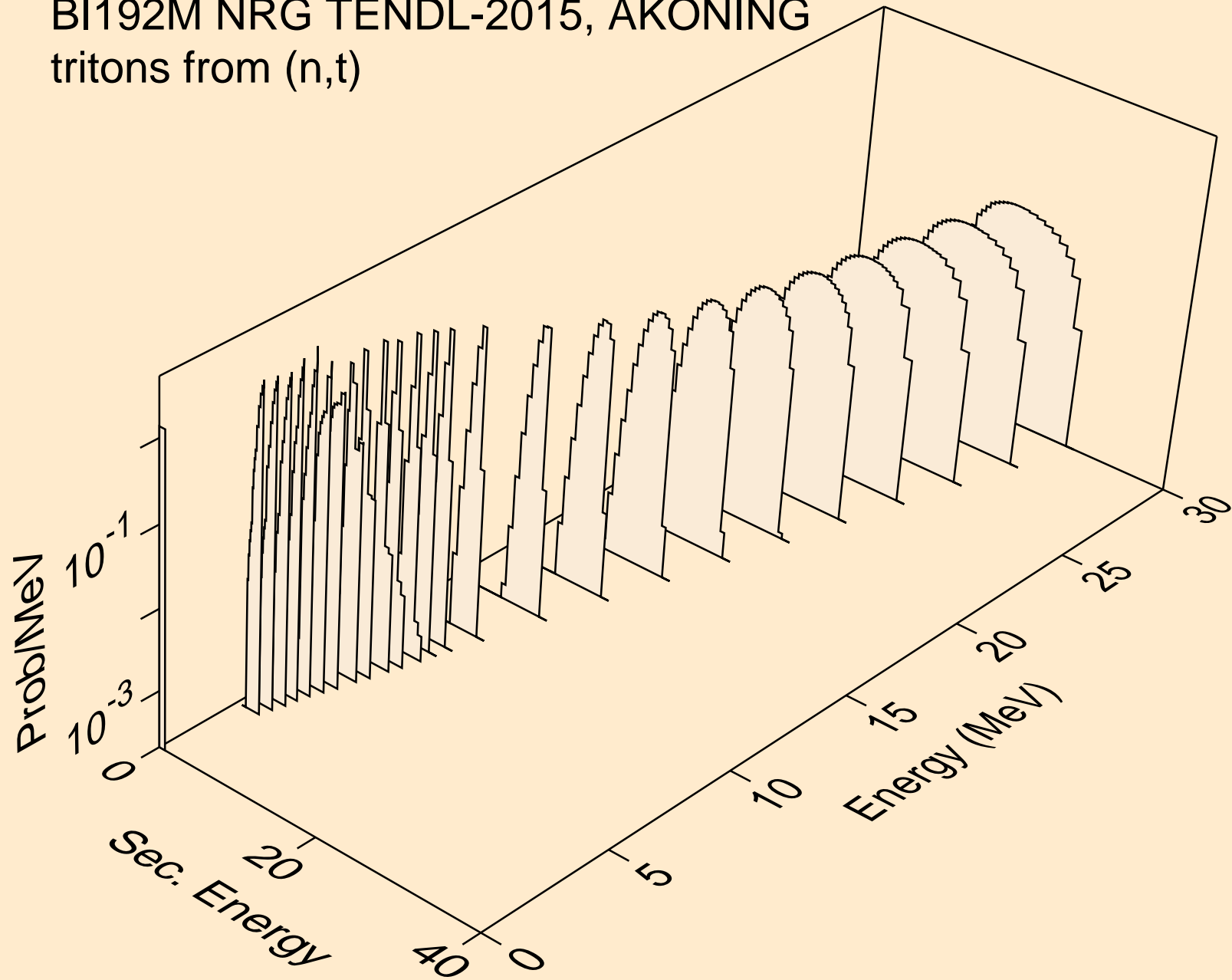
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tritons from (n,n\*)t



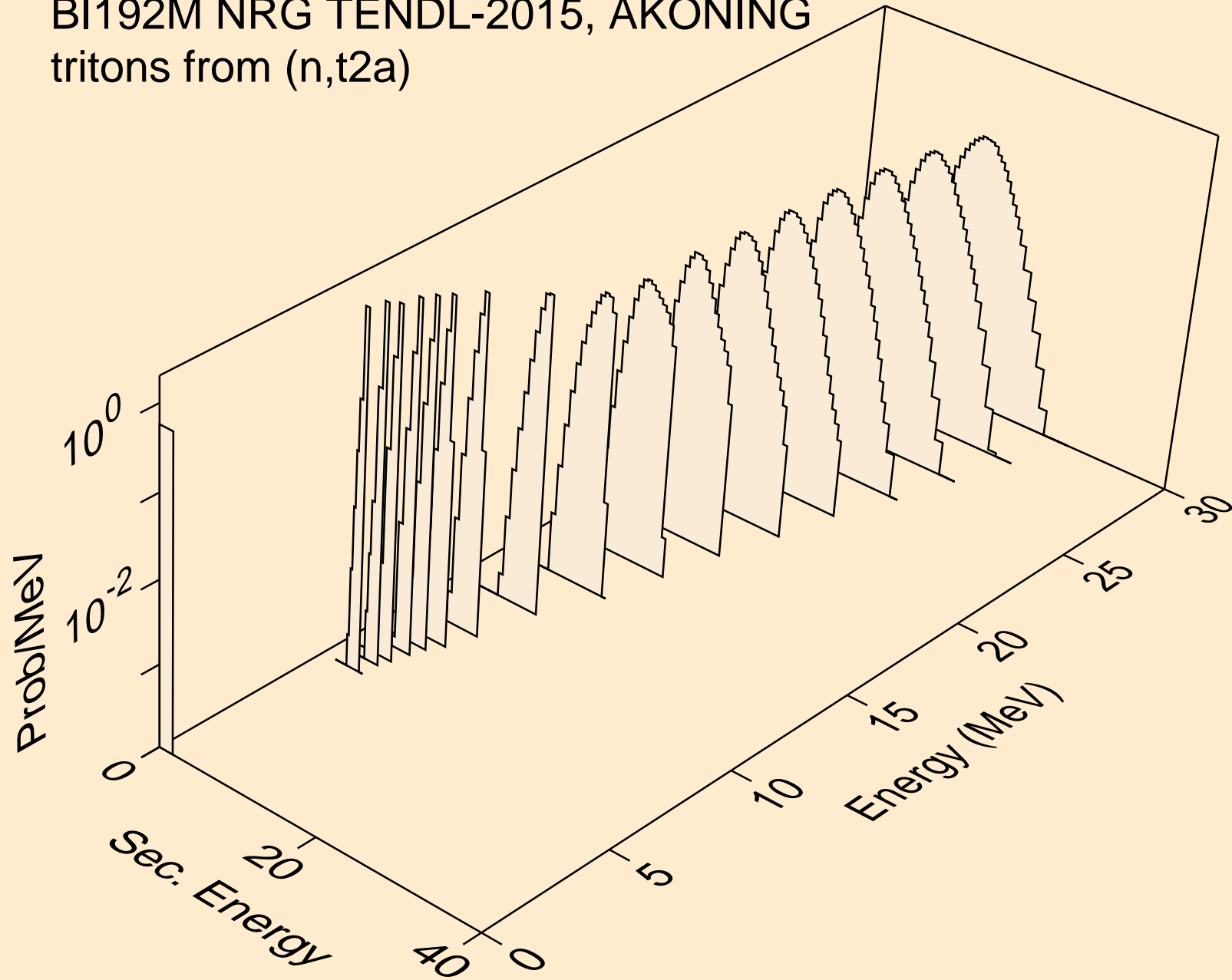
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tritons from (n,n\*)t2a



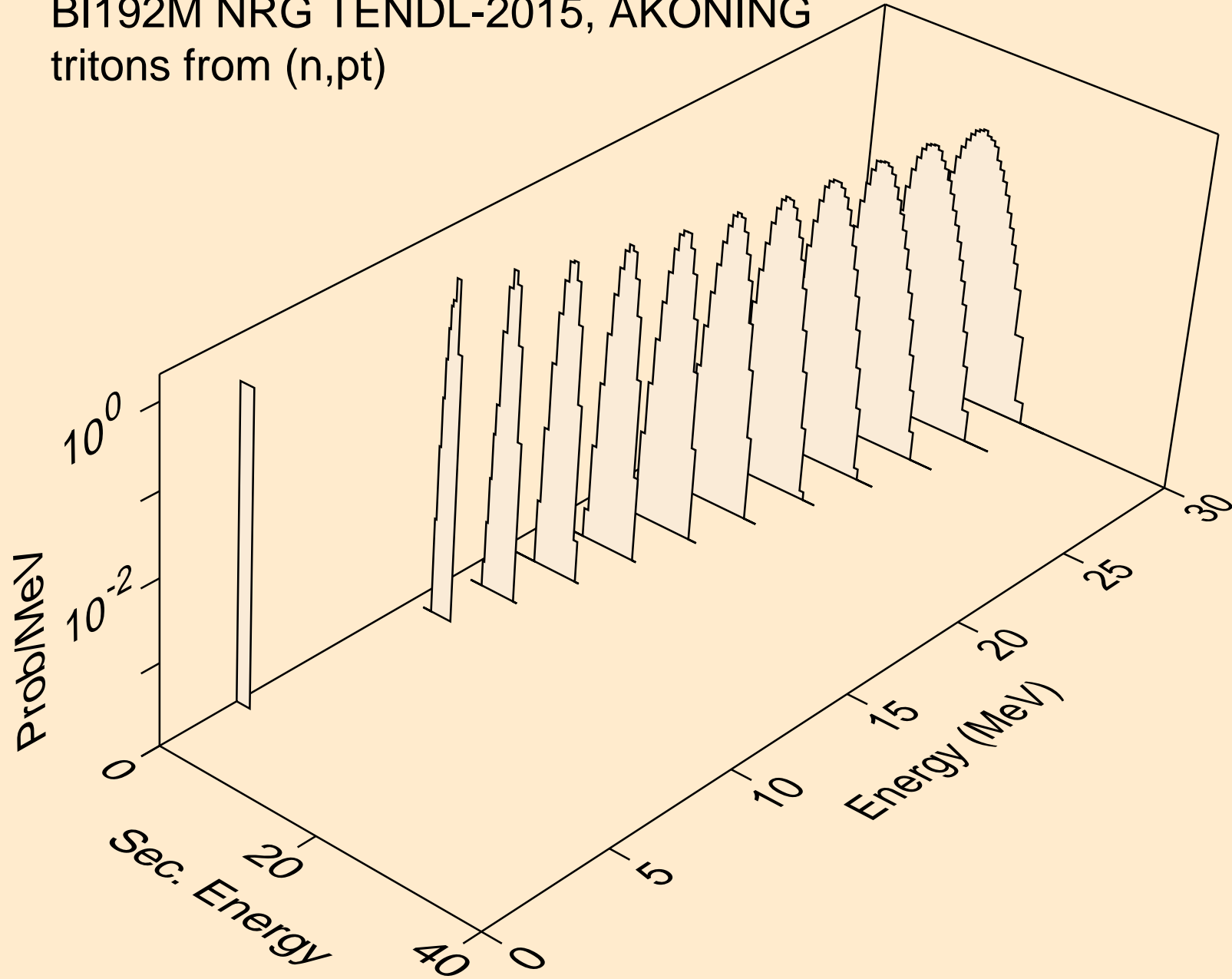
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tritons from (n,t)



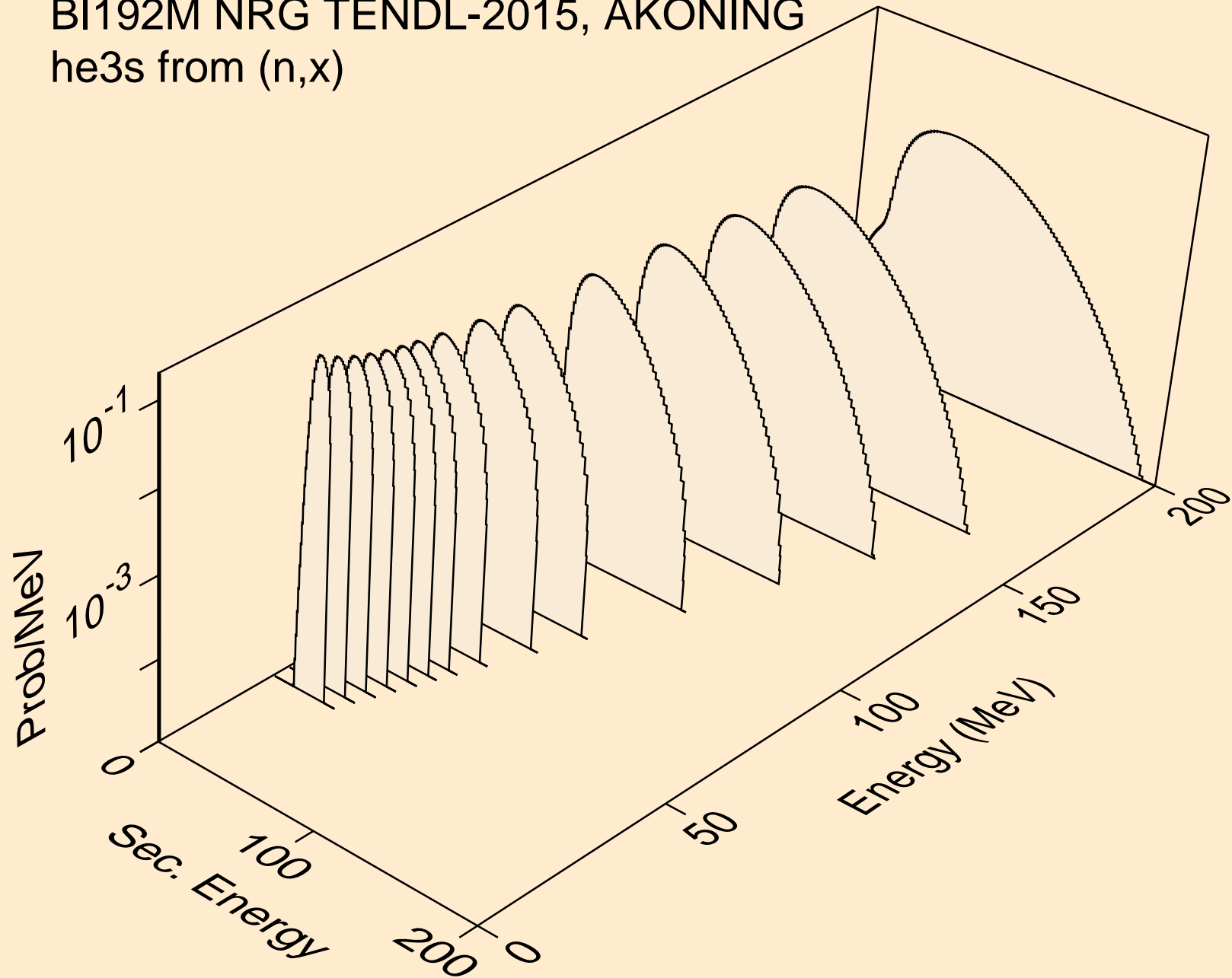
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tritons from (n,t2a)



BI192M NRG TENDL-2015, AKONING  
tritons from (n,pt)

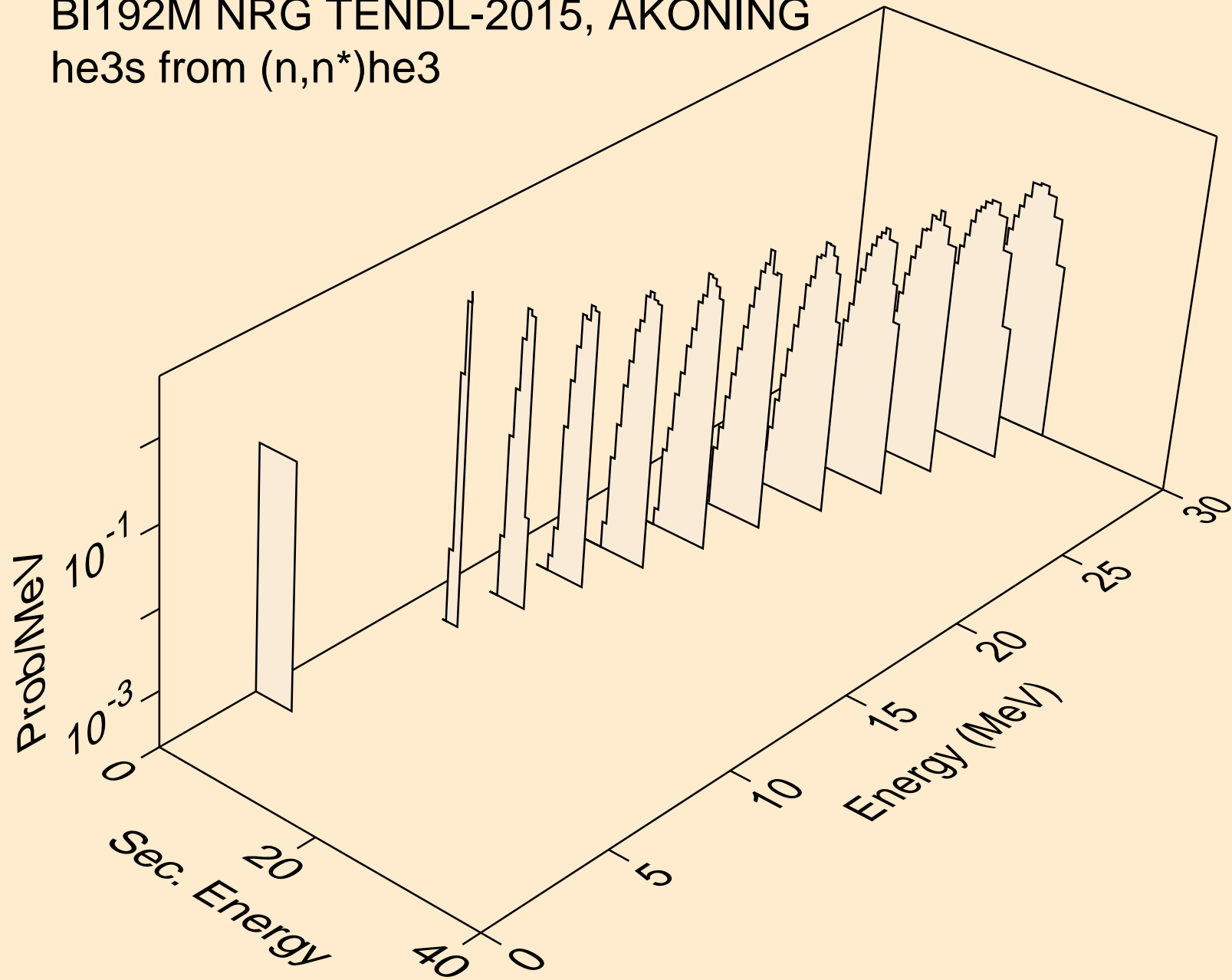


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he3s from (n,x)

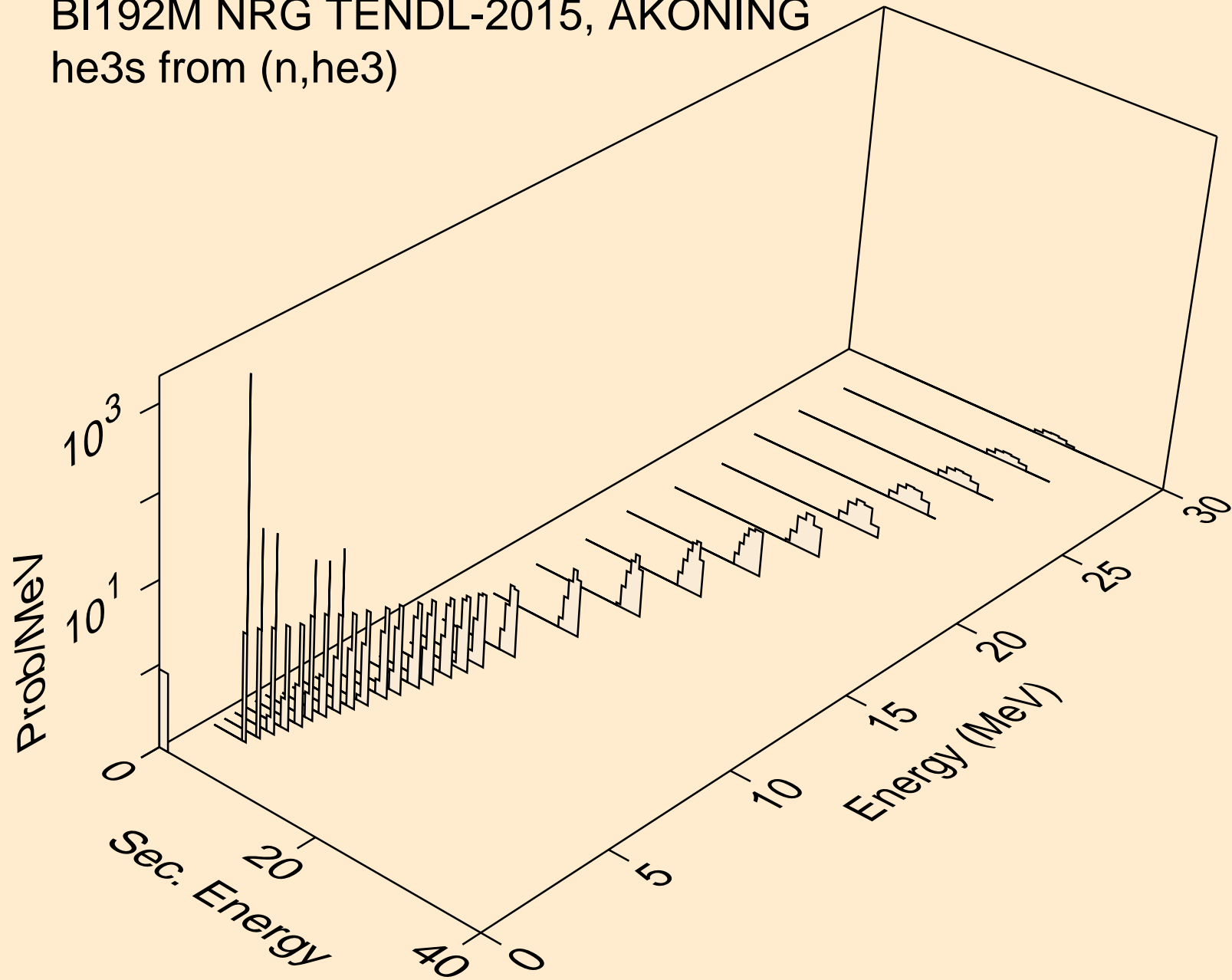




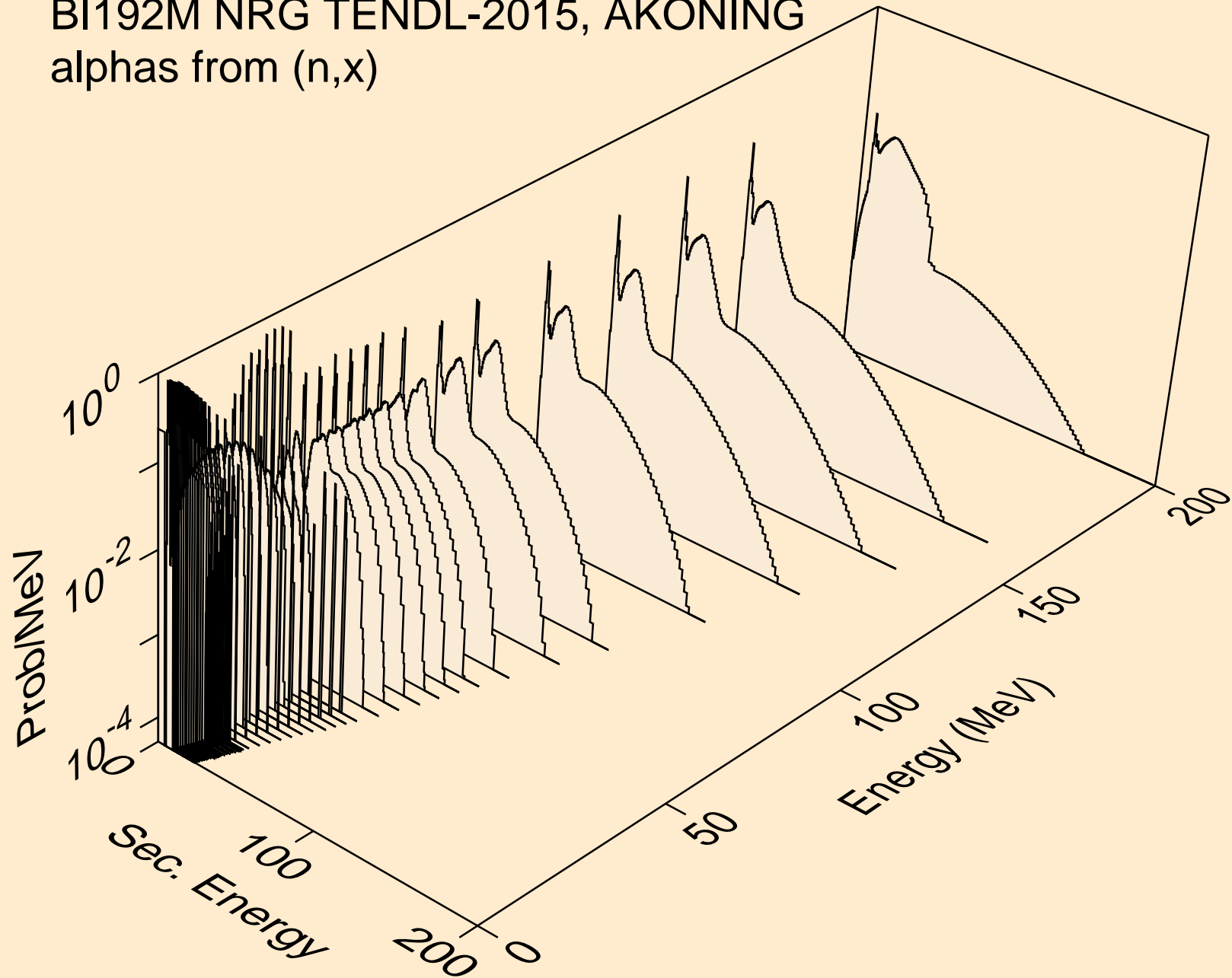
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he3s from (n,n\*)he3



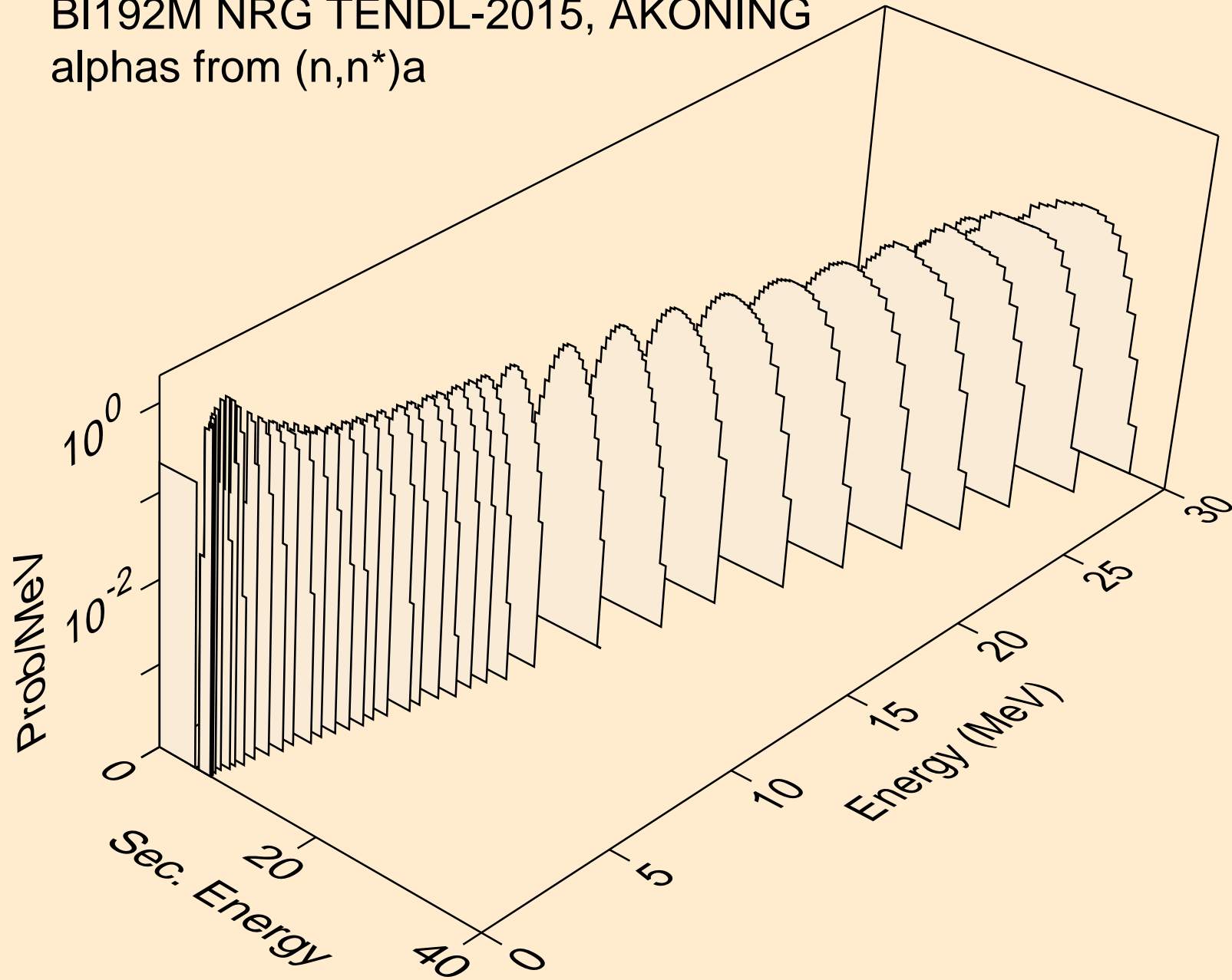
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he3s from (n,he3)



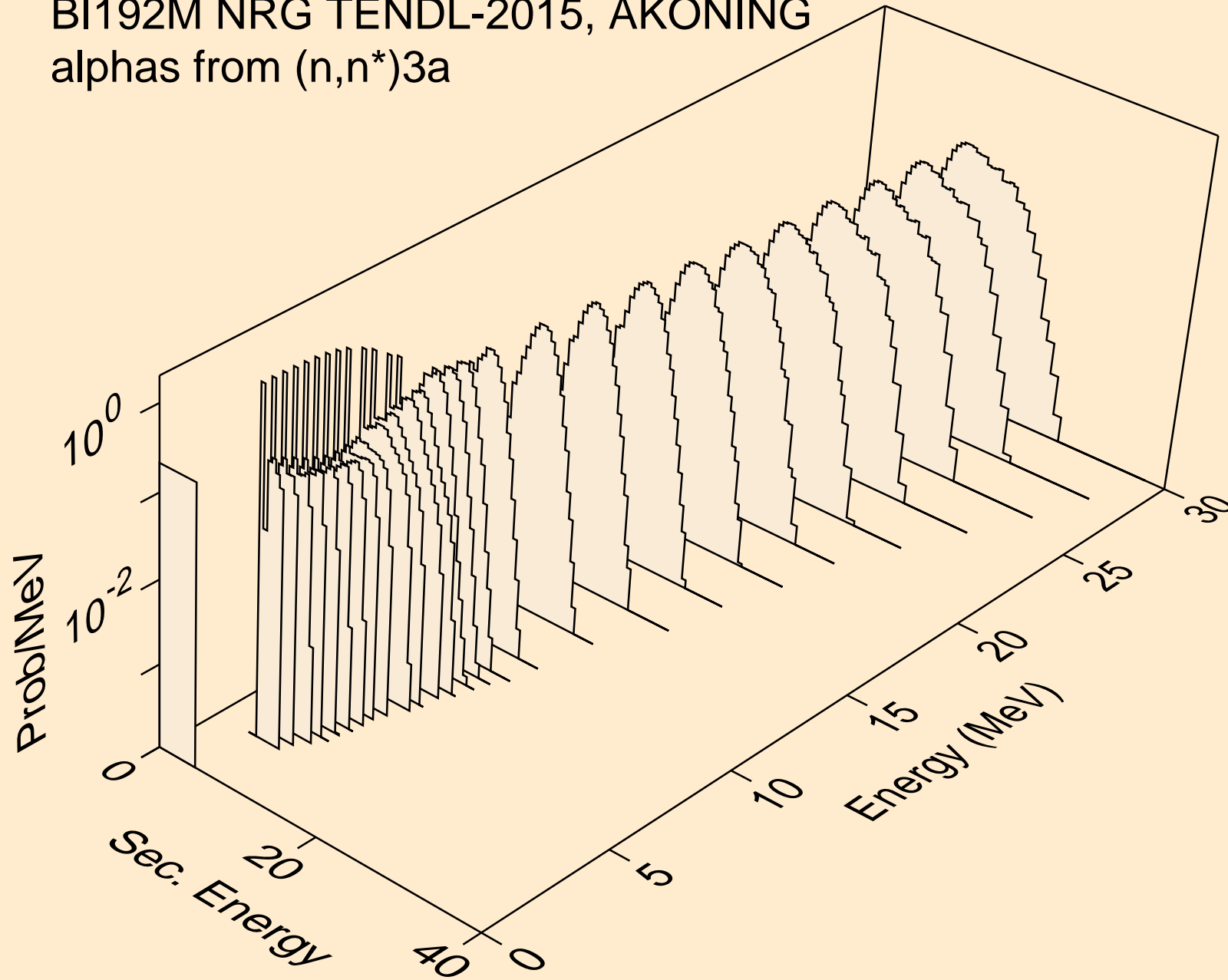
BI192M NRG TENDL-2015, AKONING  
alphas from (n,x)



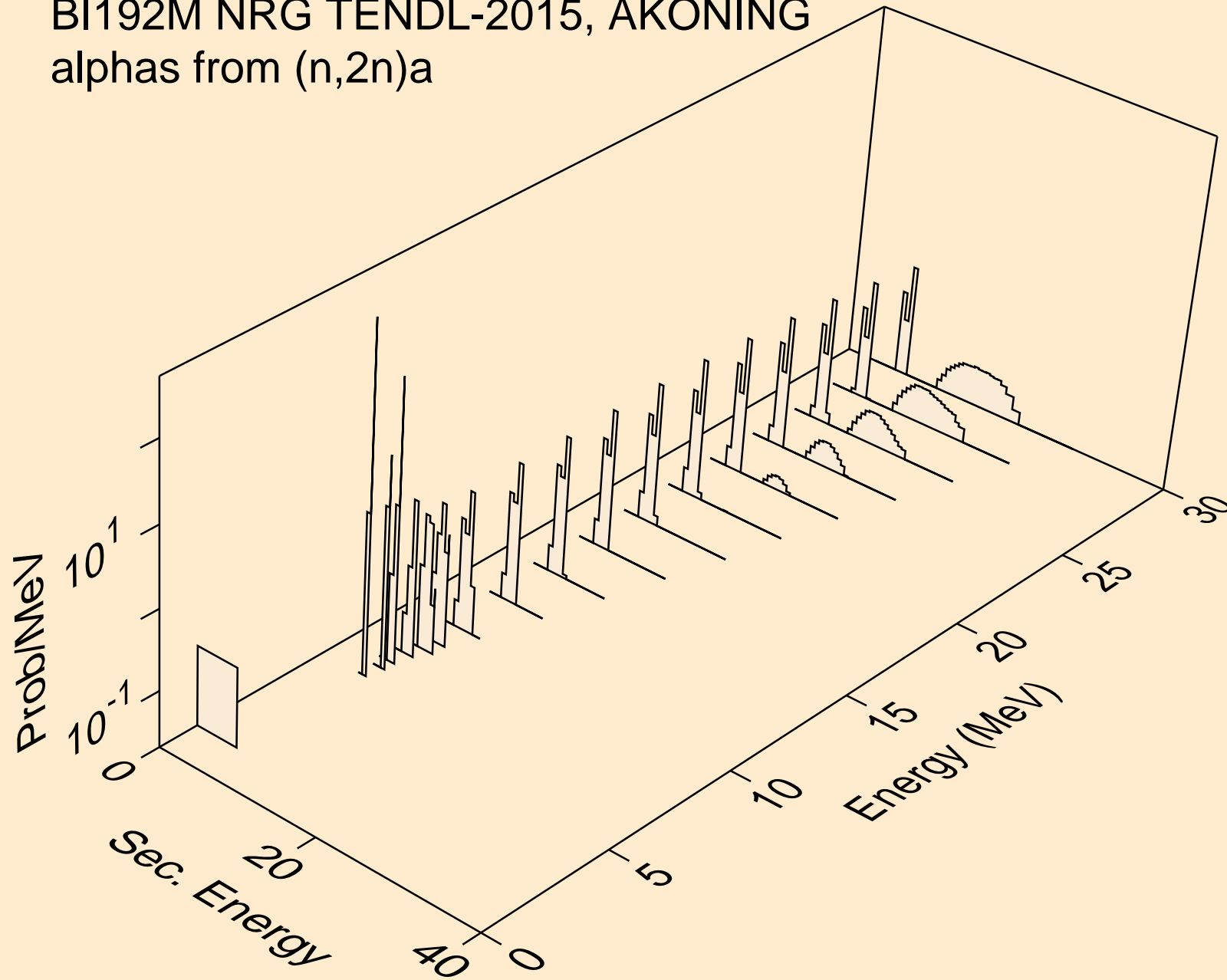
BI192M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



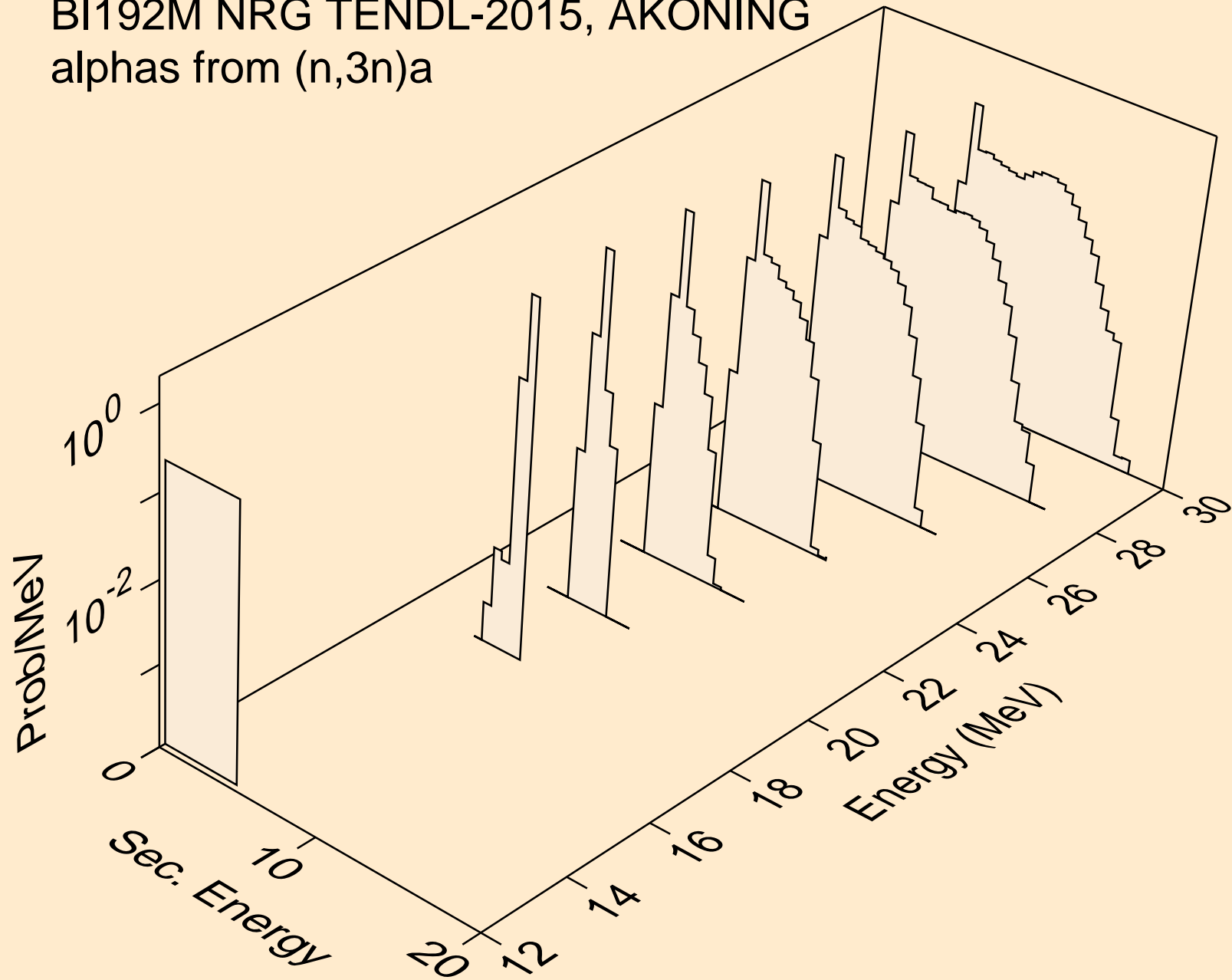
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alphas from (n,n\*)3a



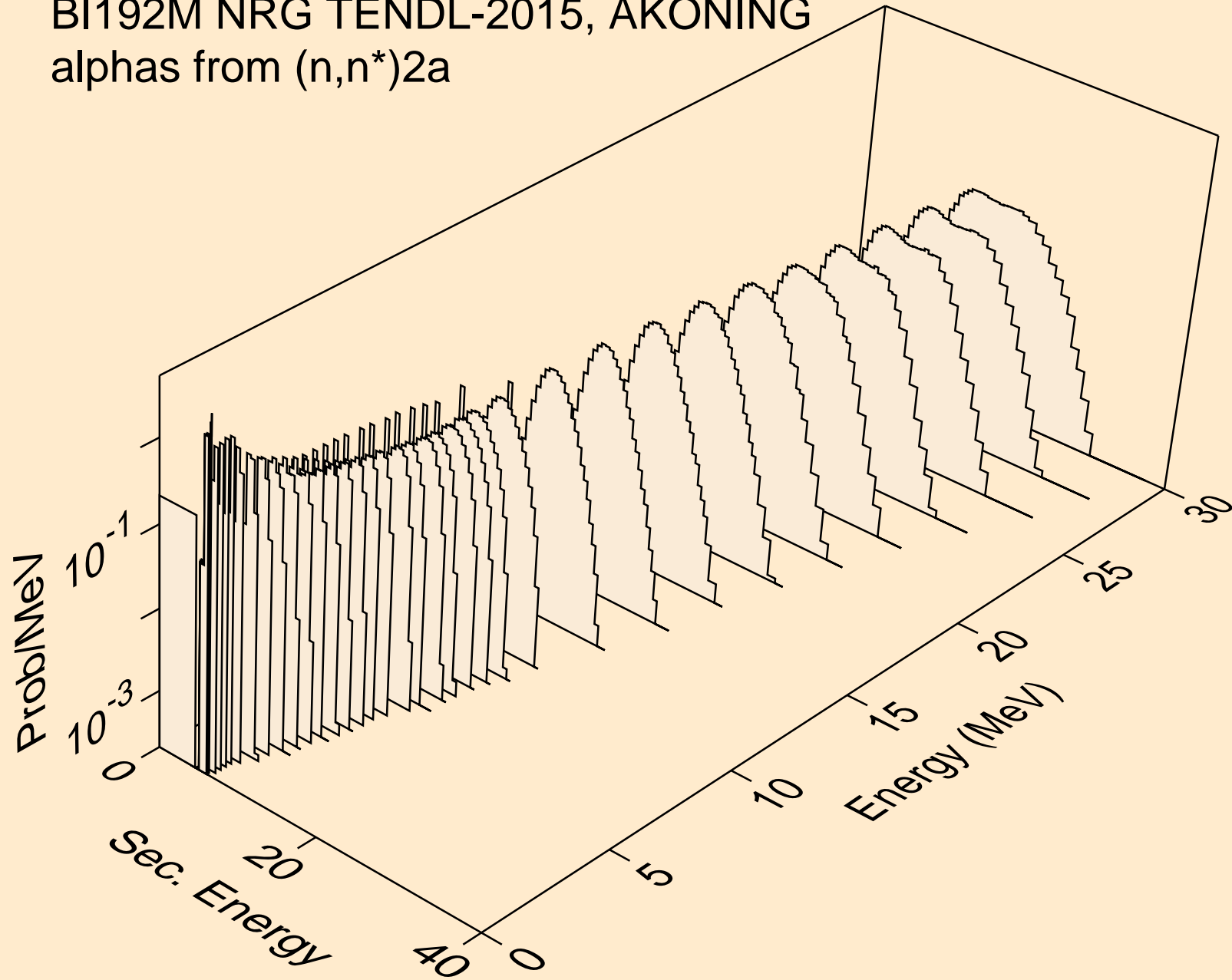
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alphas from (n,2n)a



BI192M NRG TENDL-2015, AKONING  
alphas from (n,3n)a

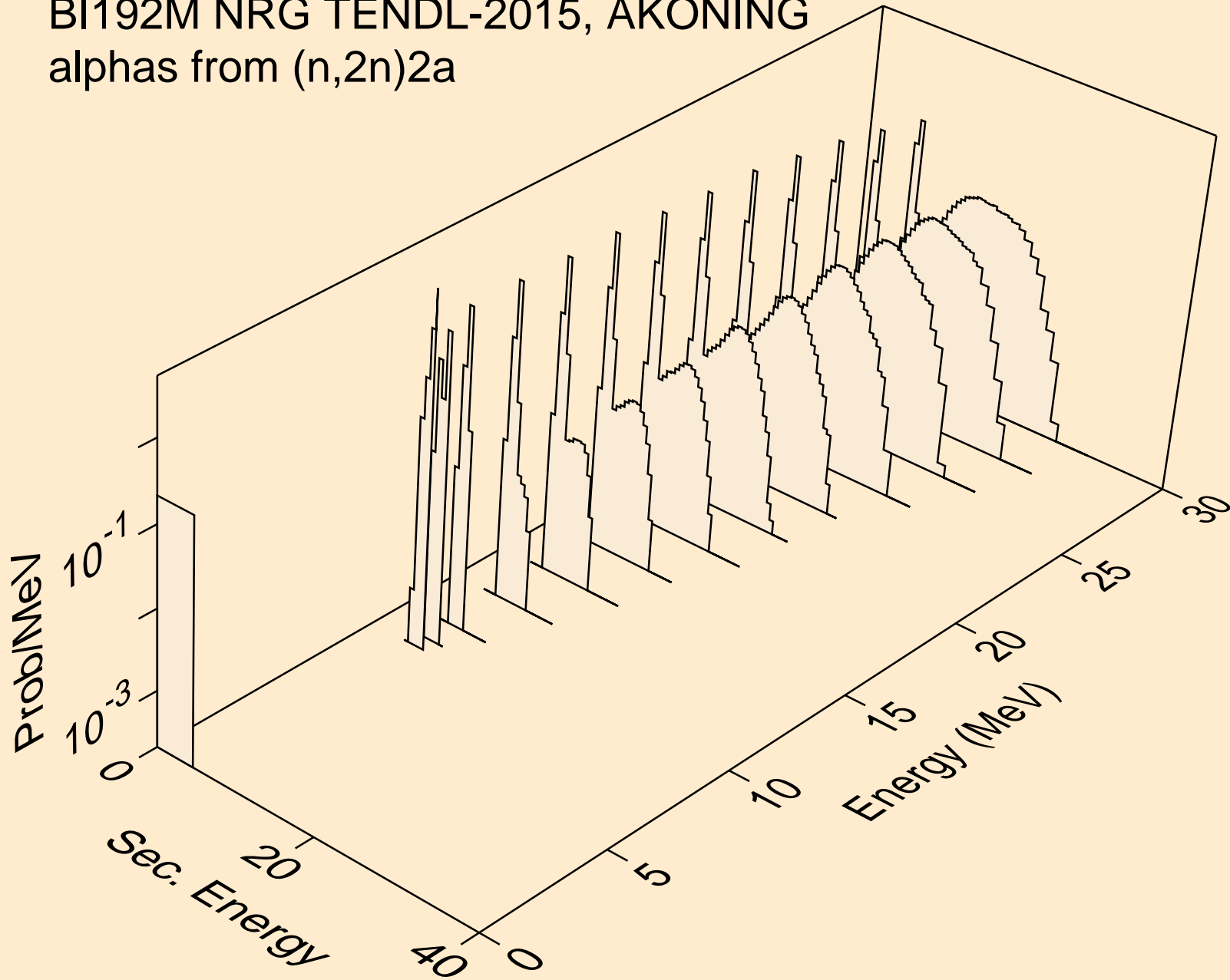


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alphas from (n,n\*)2a

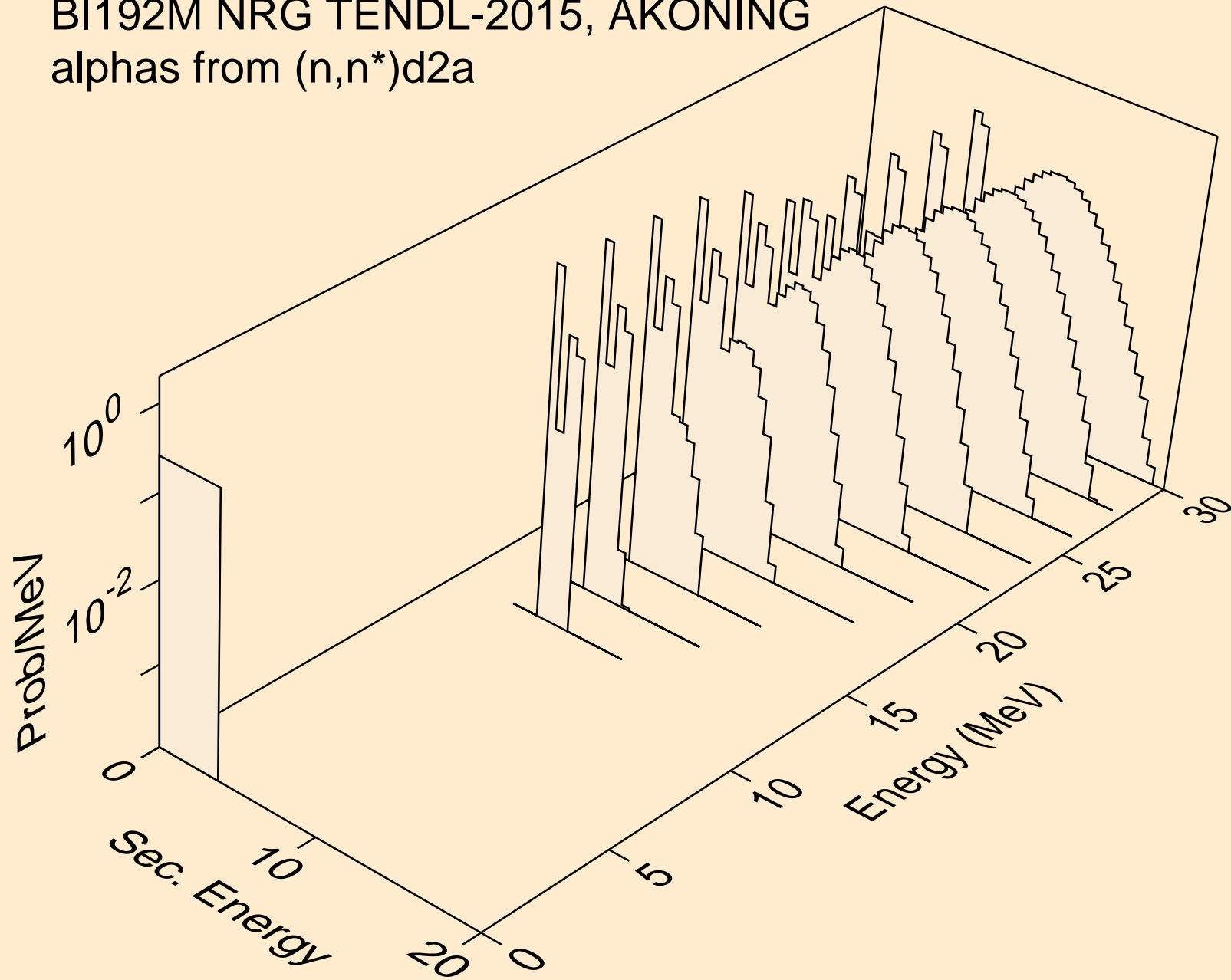




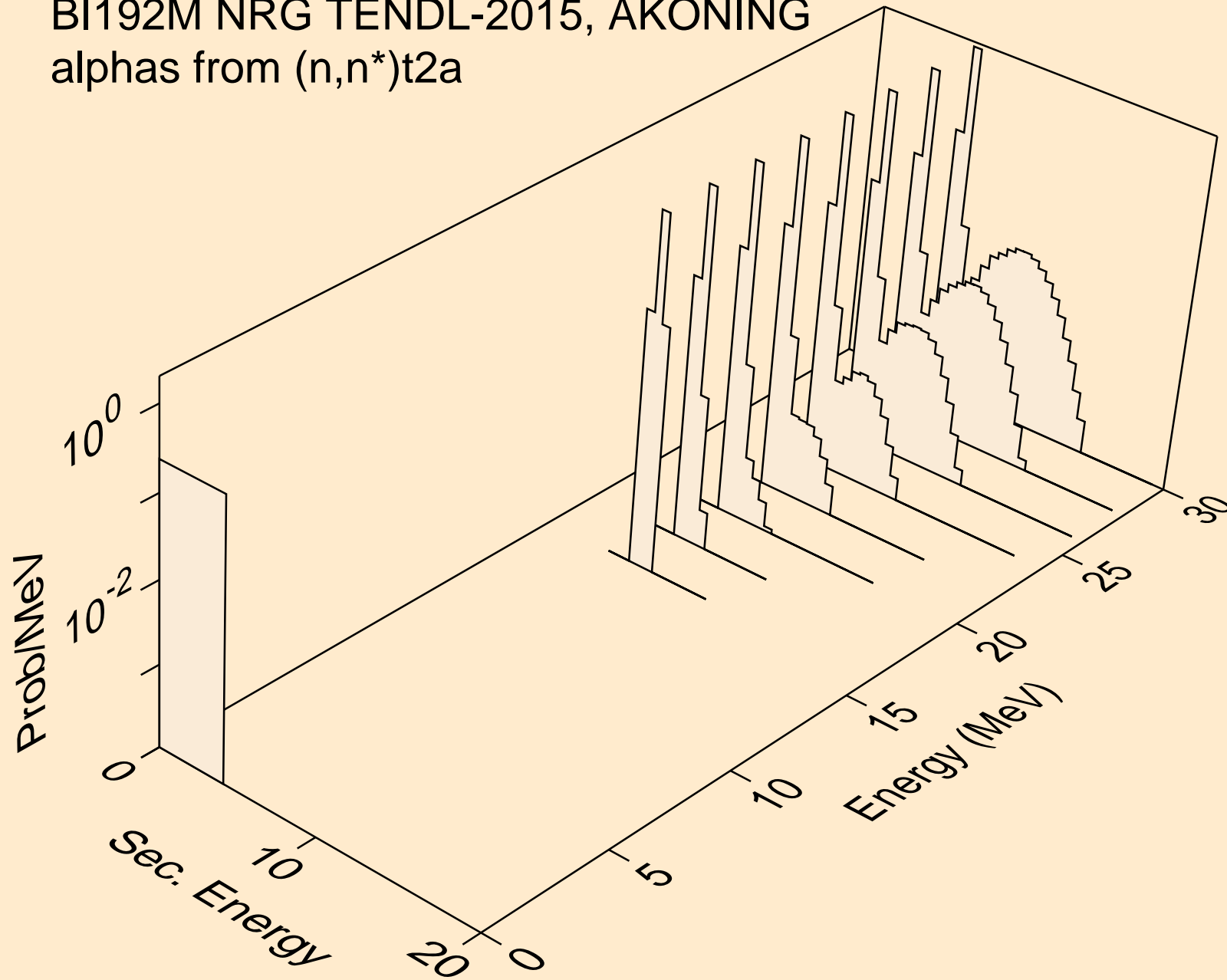
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alphas from (n,2n)2a



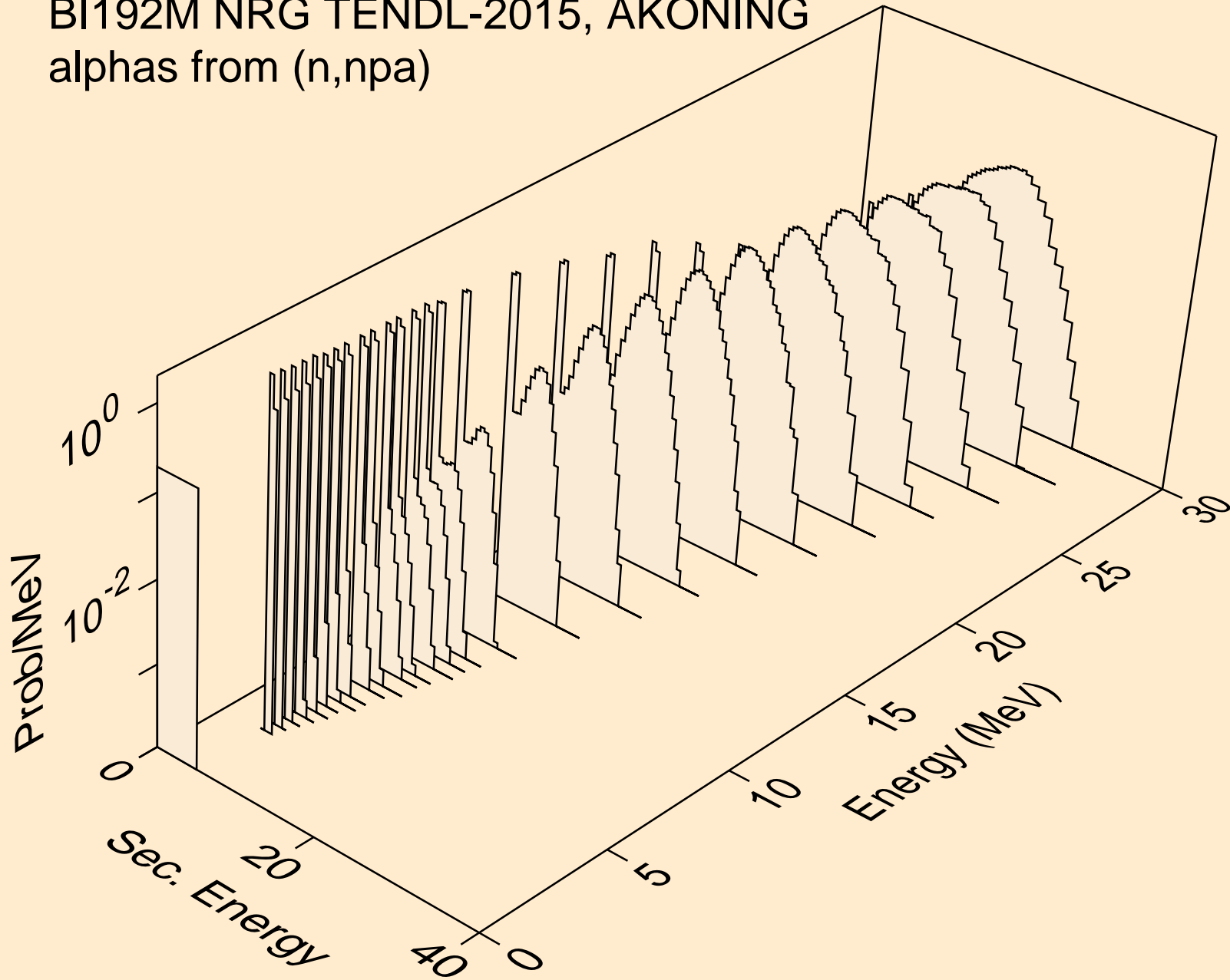
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alphas from (n,n\*)d2a



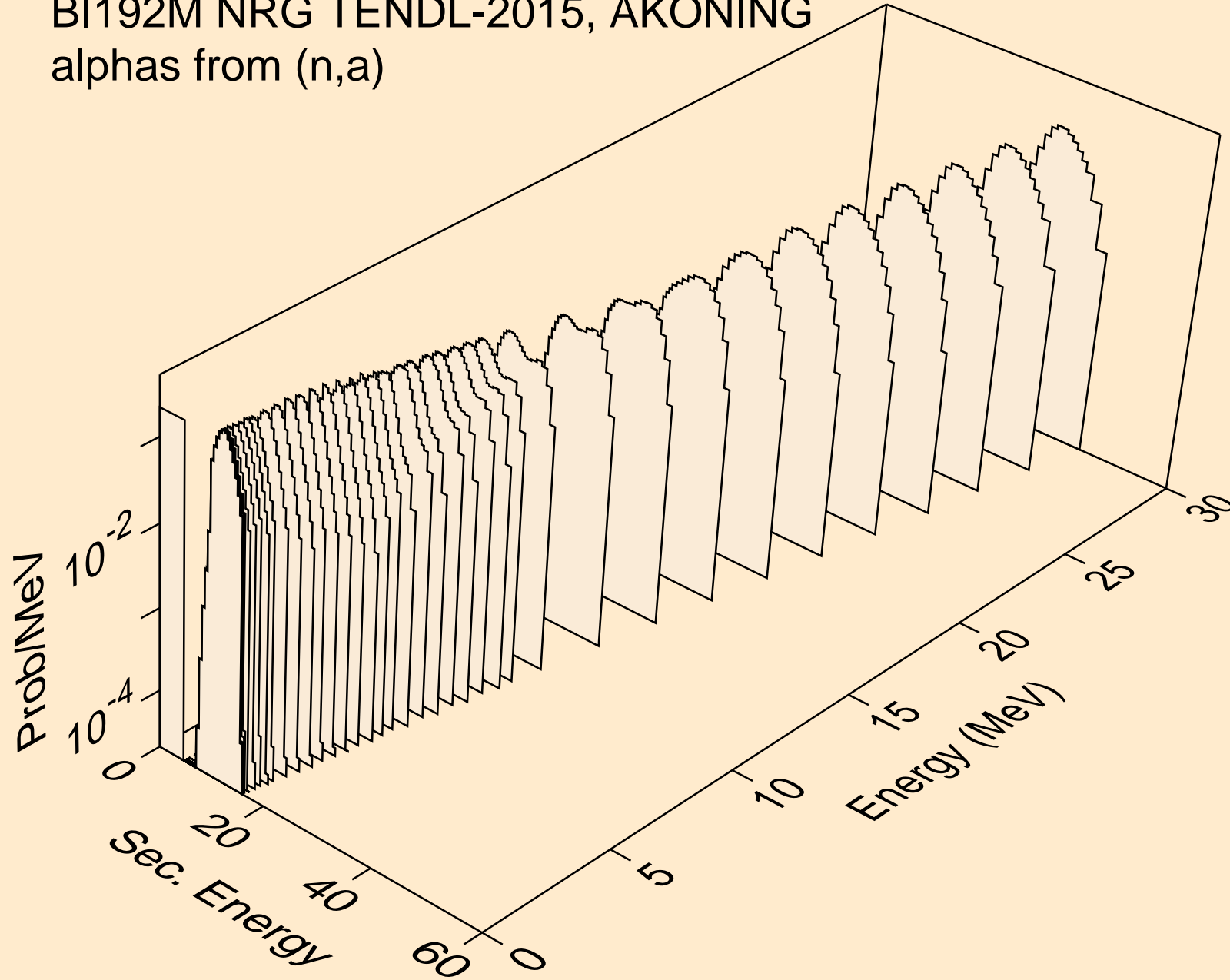
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alphas from (n,n\*)t2a



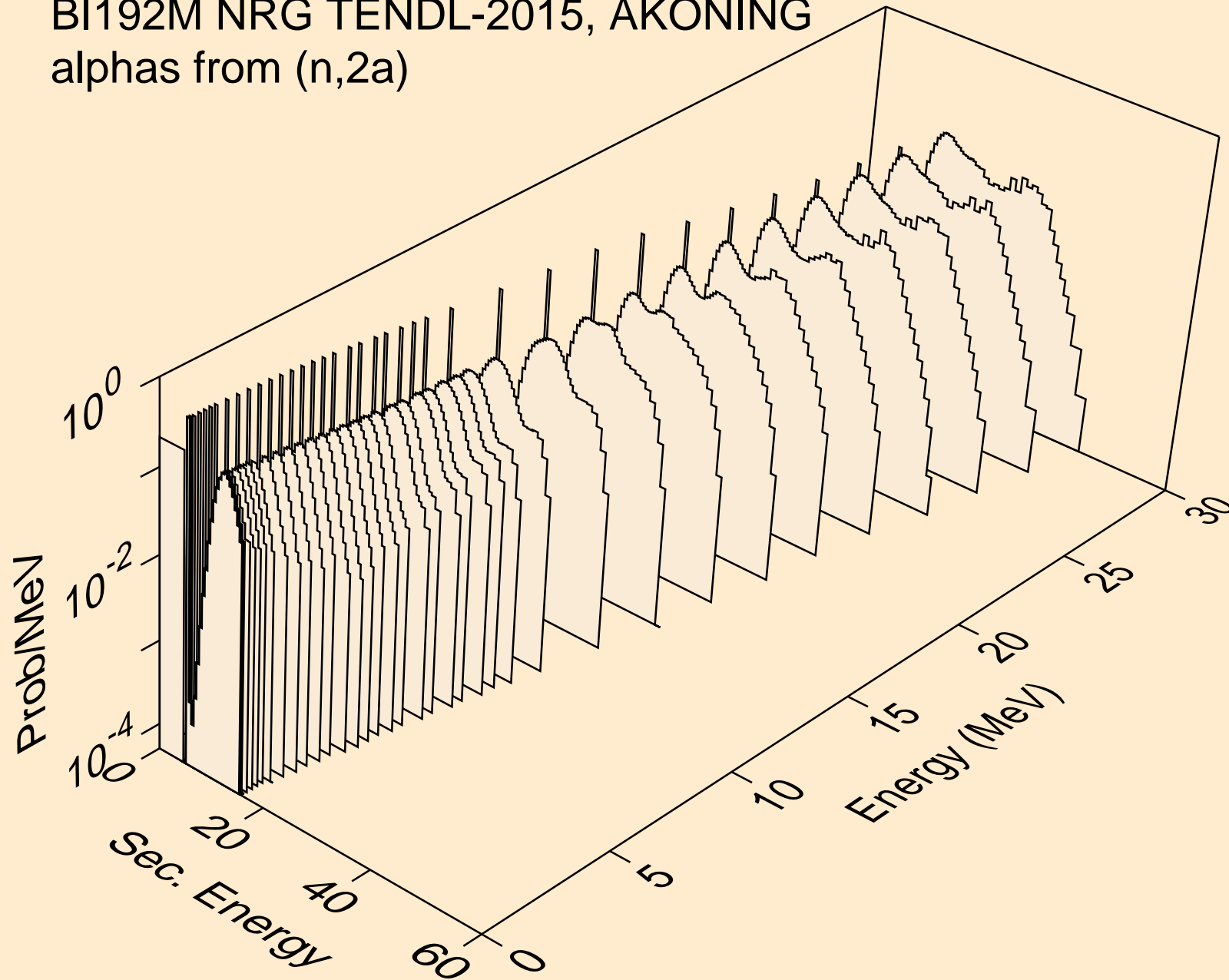
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alphas from (n,npa)



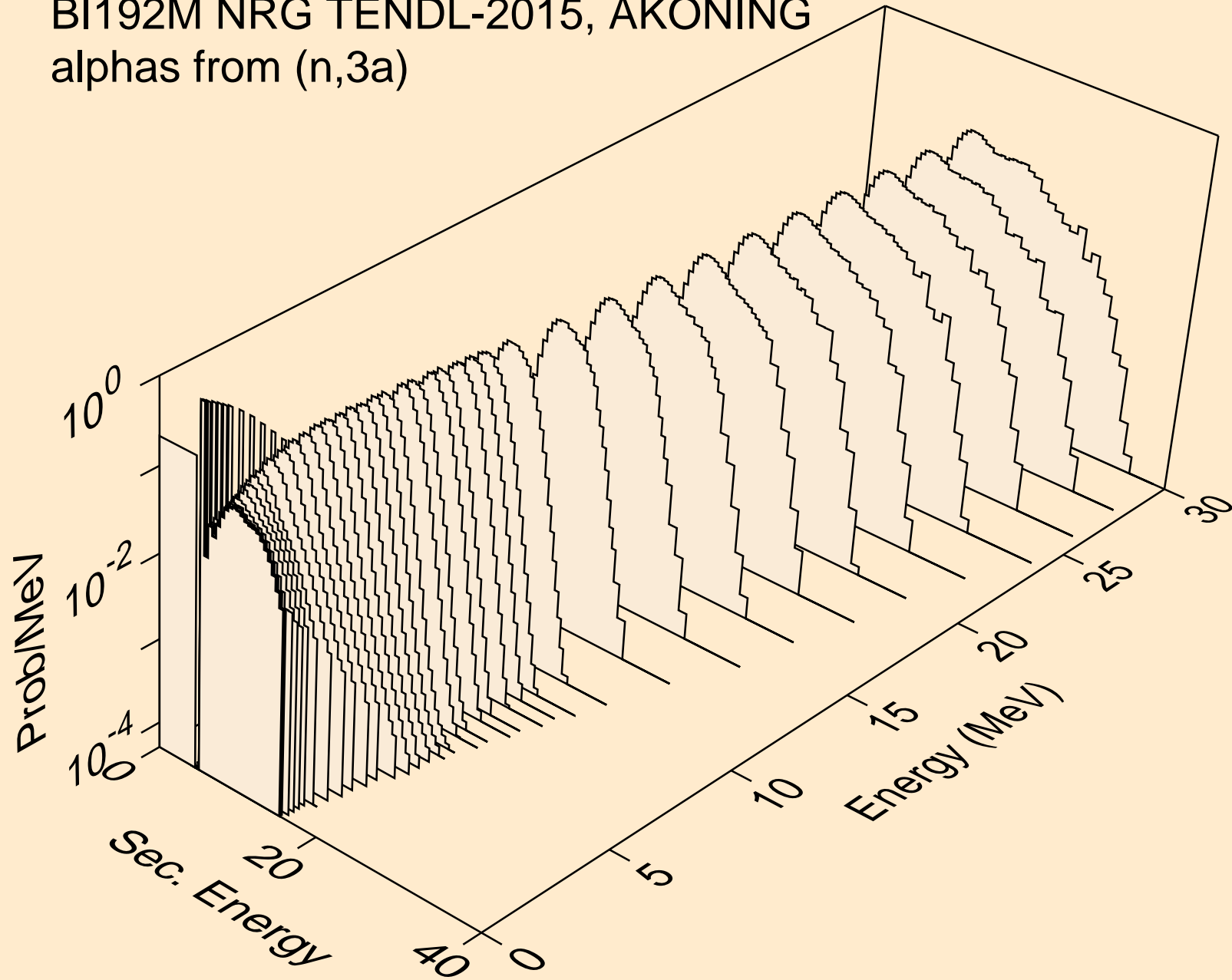
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alphas from (n,a)



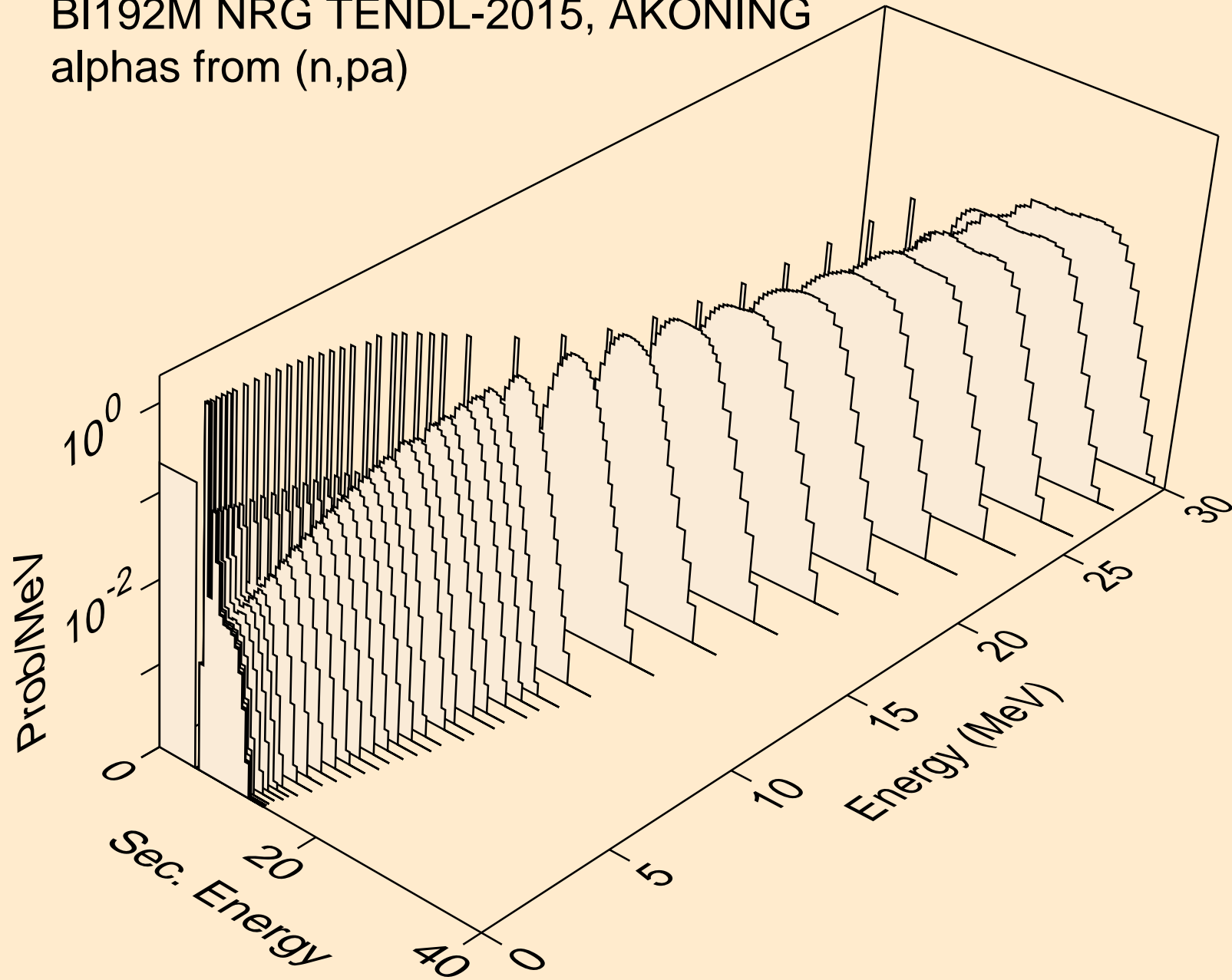
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alphas from (n,2a)



BI192M NRG TENDL-2015, AKONING  
alphas from (n,3a)

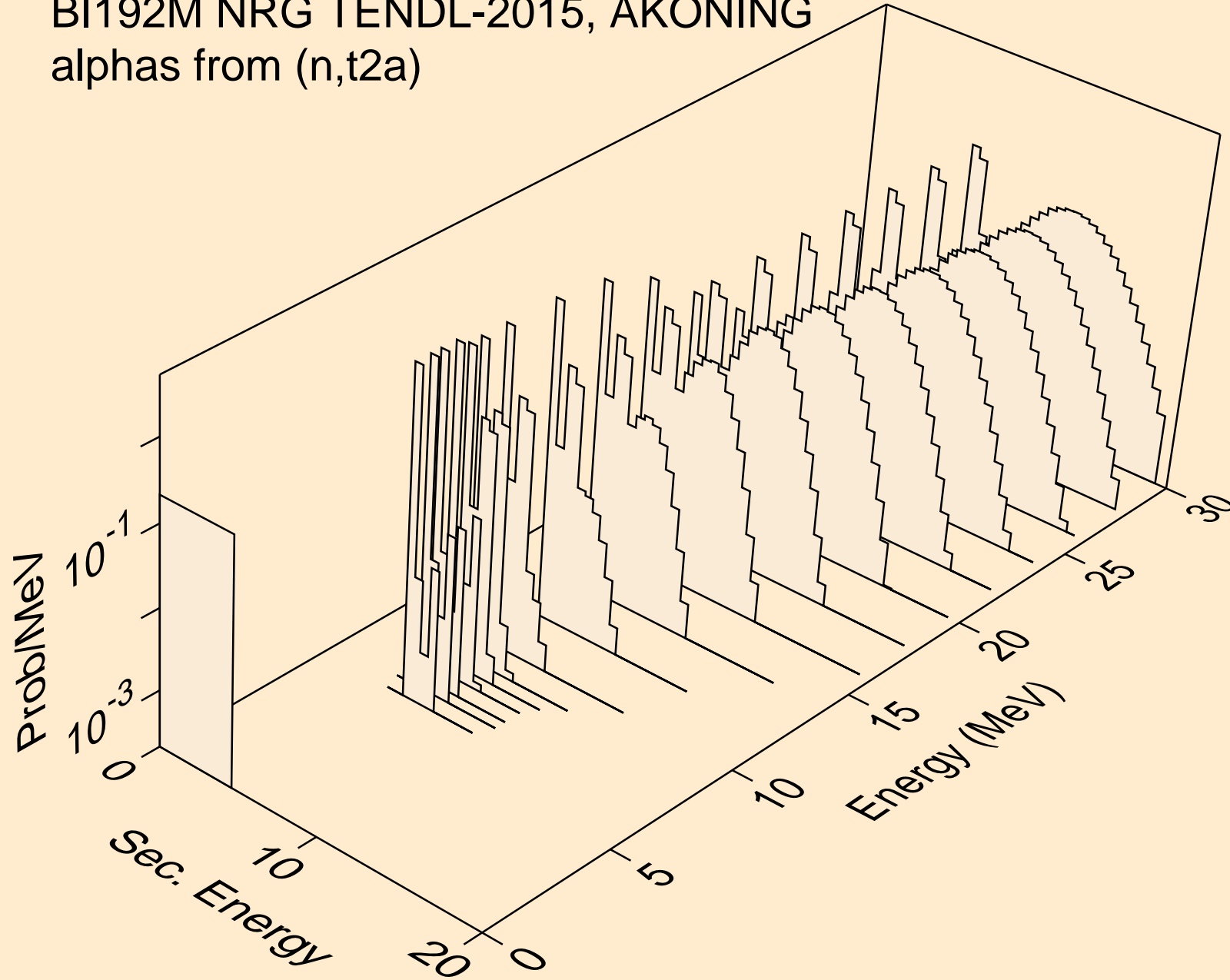


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alphas from (n,pa)

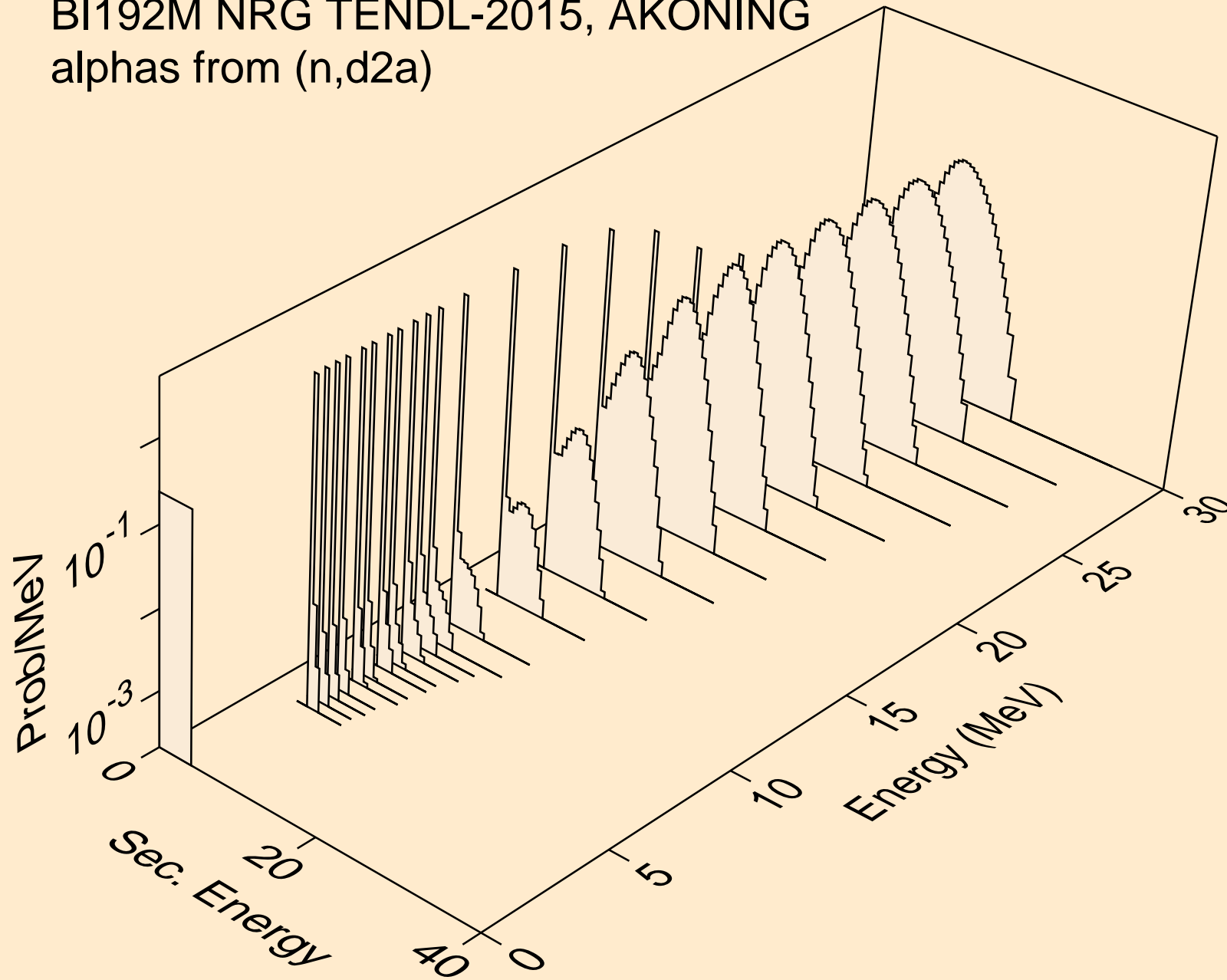




BI192M NRG TENDL-2015, AKONING  
alphas from (n,t2a)



BI192M NRG TENDL-2015, AKONING  
alphas from (n,d2a)



BI192M NRG TENDL-2015, AKONING  
alphas from (n,da)

