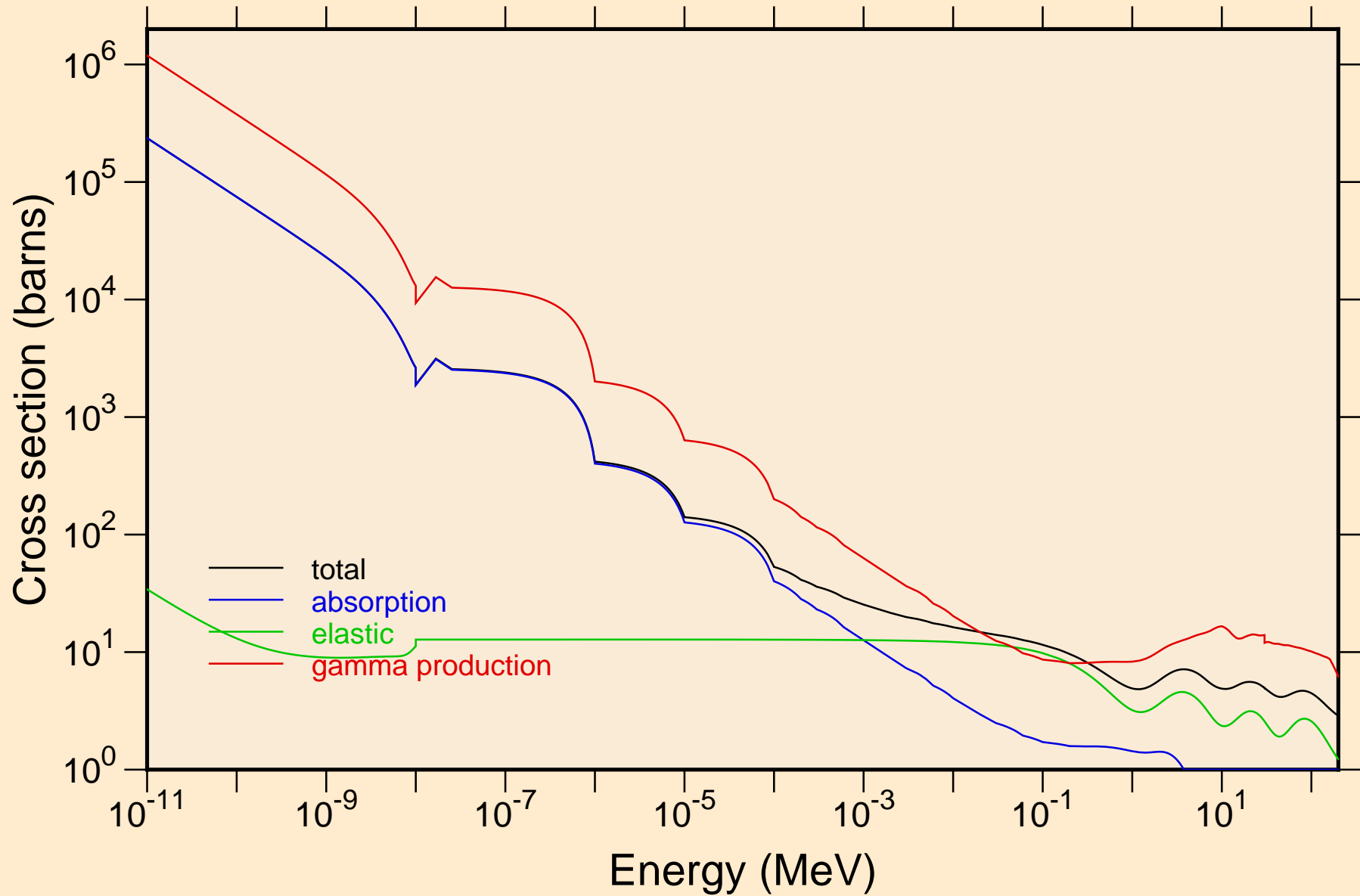


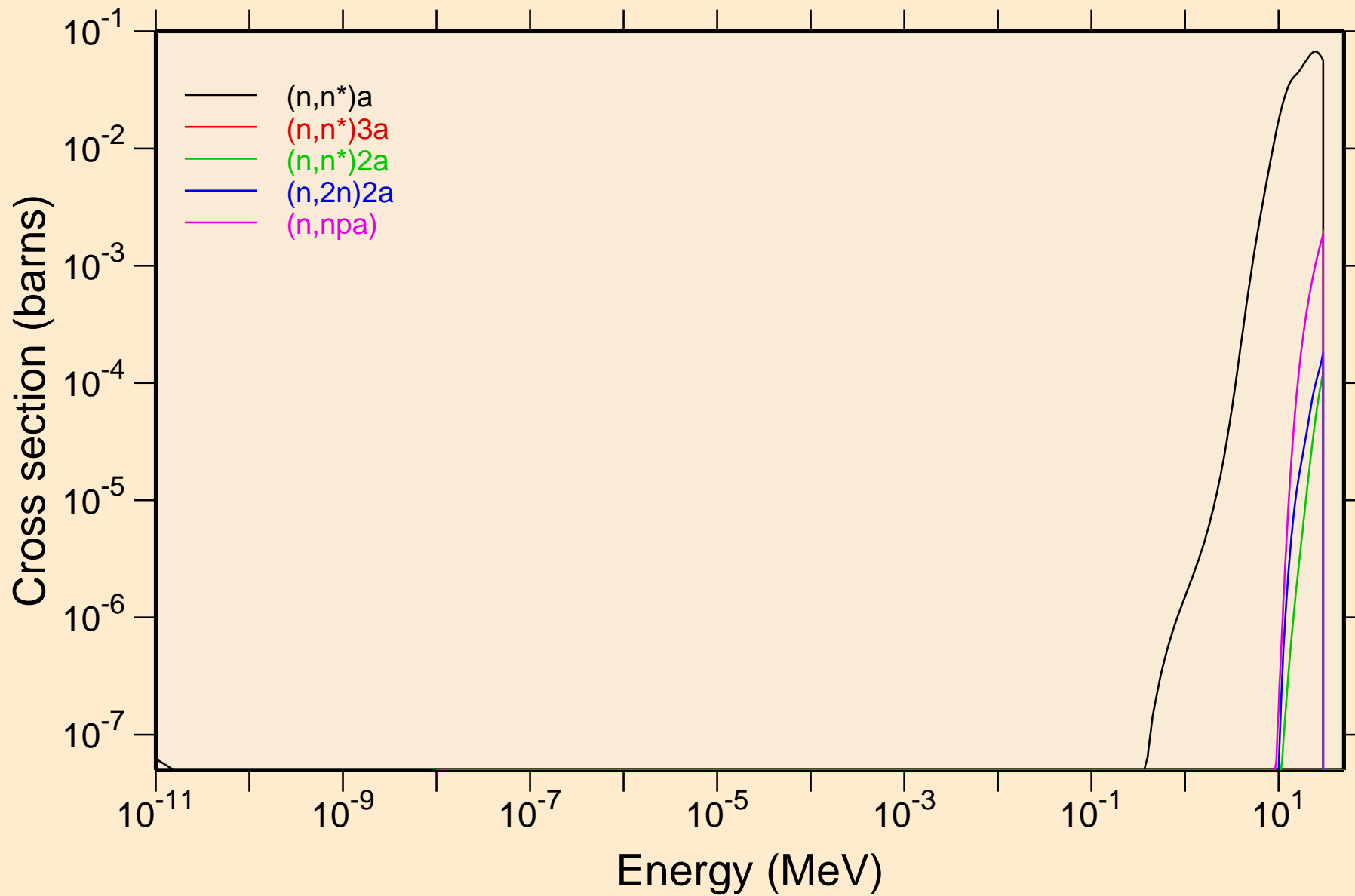
# BI194N NRG TENDL-2015, AKONING

## Principal cross sections



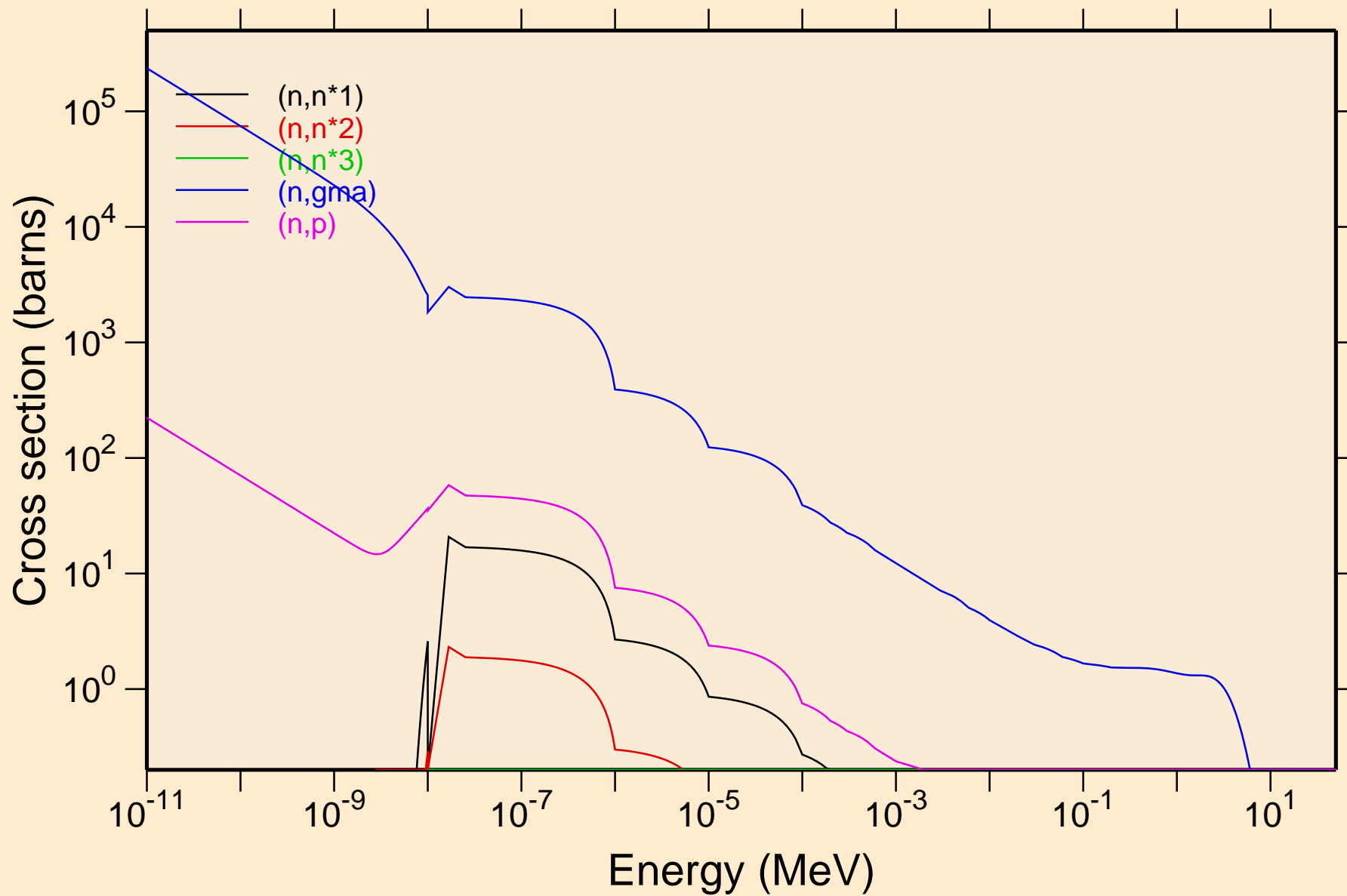
# BI194N NRG TENDL-2015, AKONING

## Non-threshold reactions



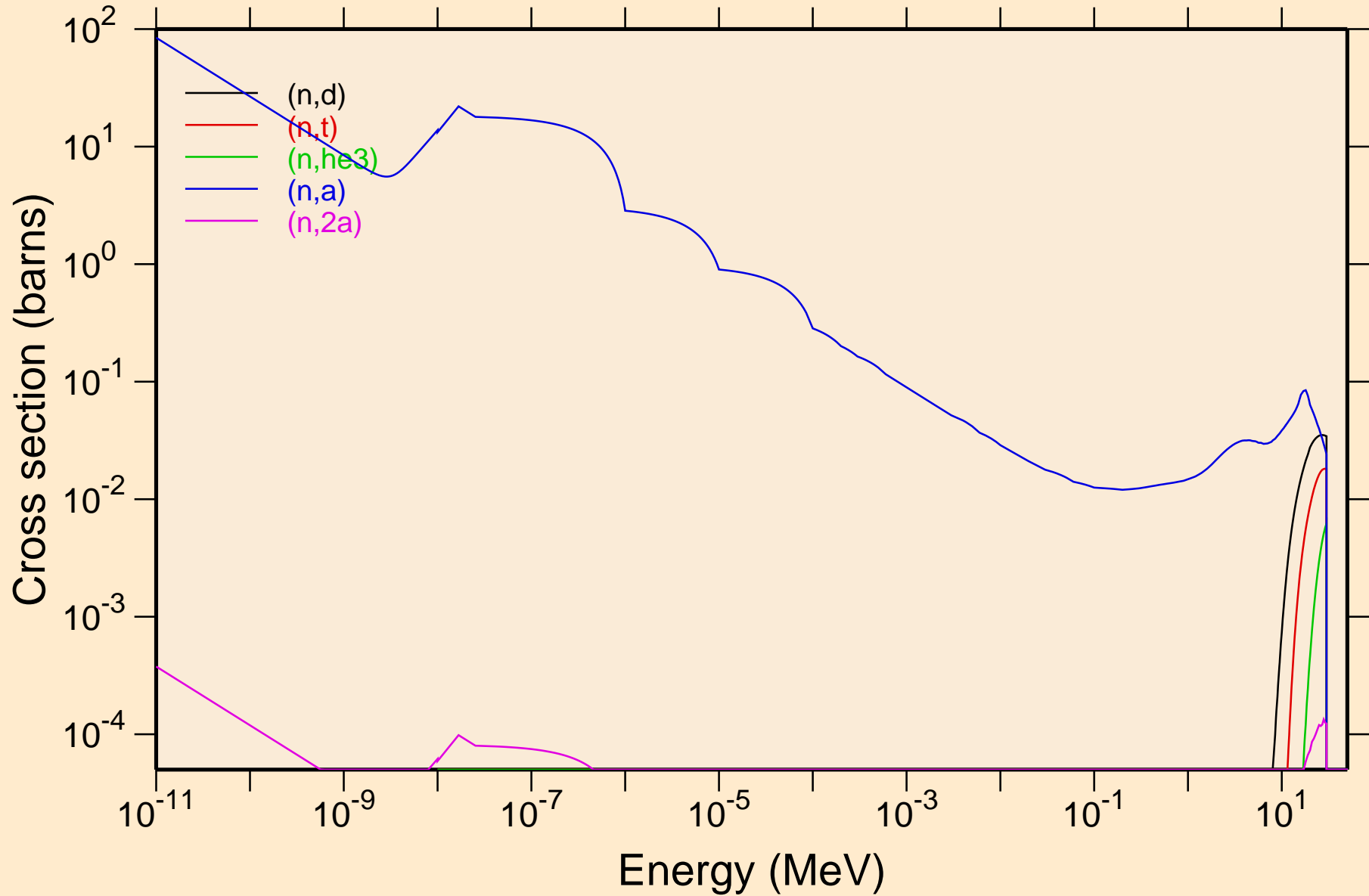
# BI194N NRG TENDL-2015, AKONING

## Non-threshold reactions



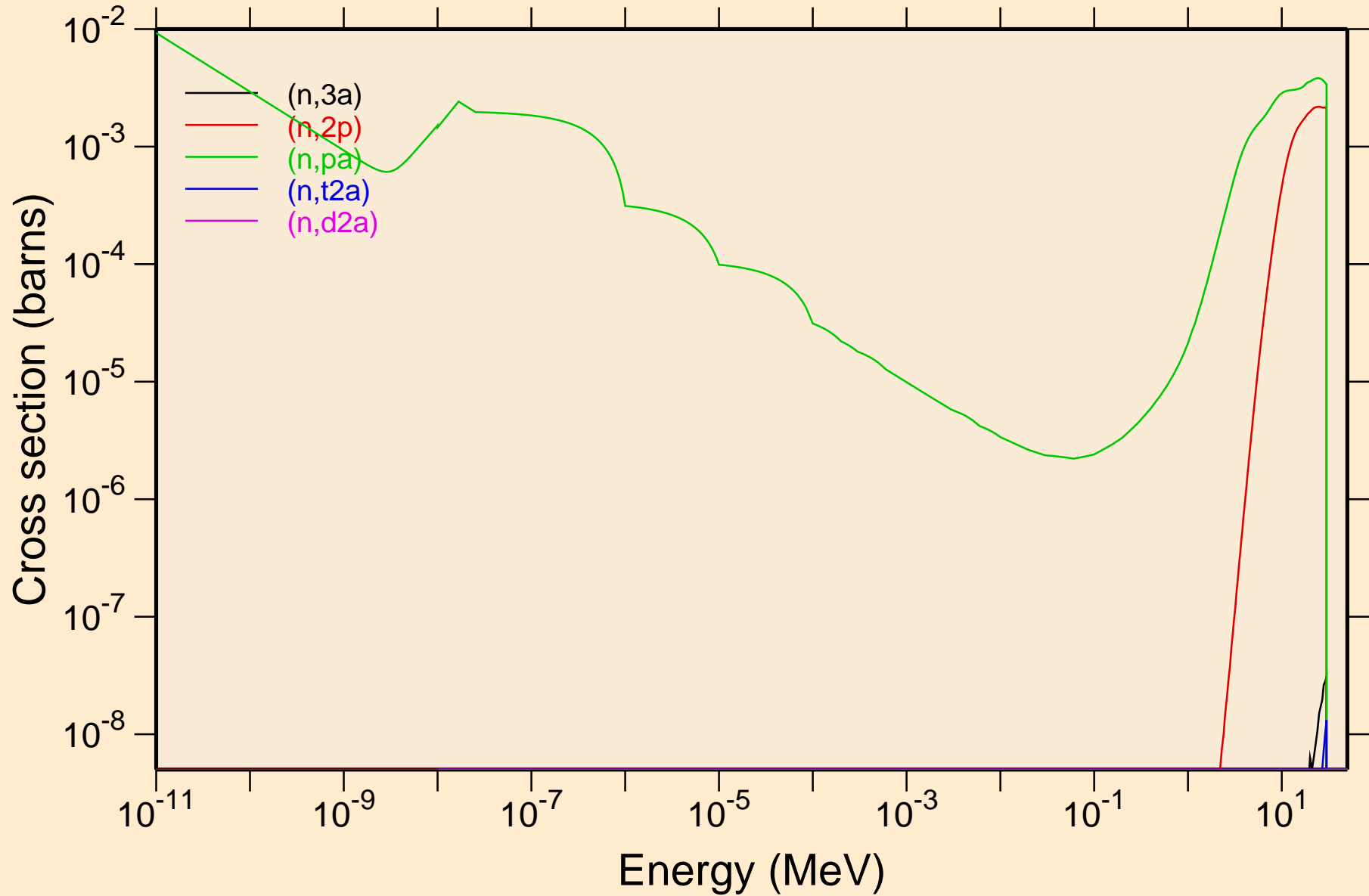
# BI194N NRG TENDL-2015, AKONING

## Non-threshold reactions

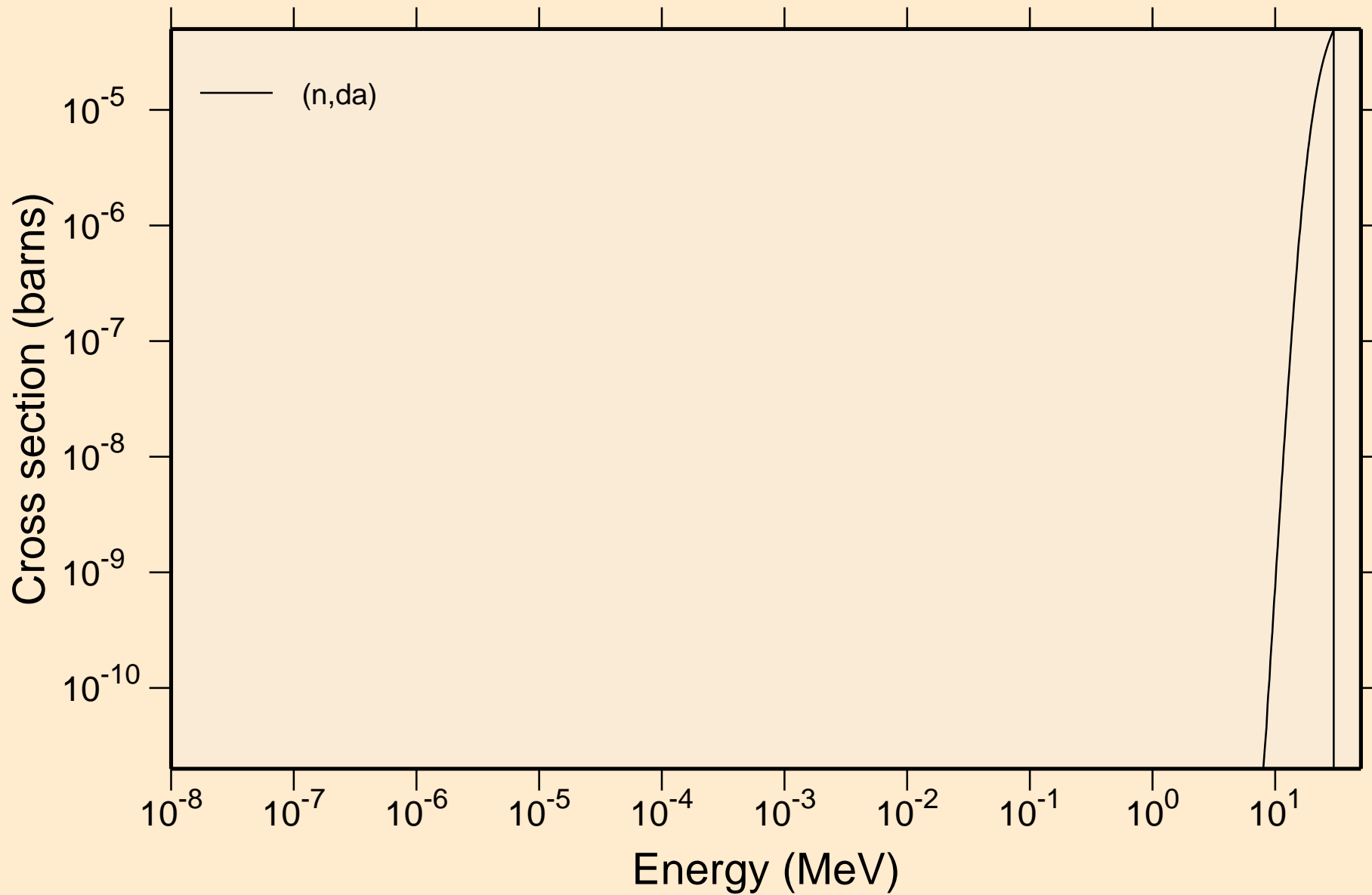


# BI194N NRG TENDL-2015, AKONING

## Non-threshold reactions

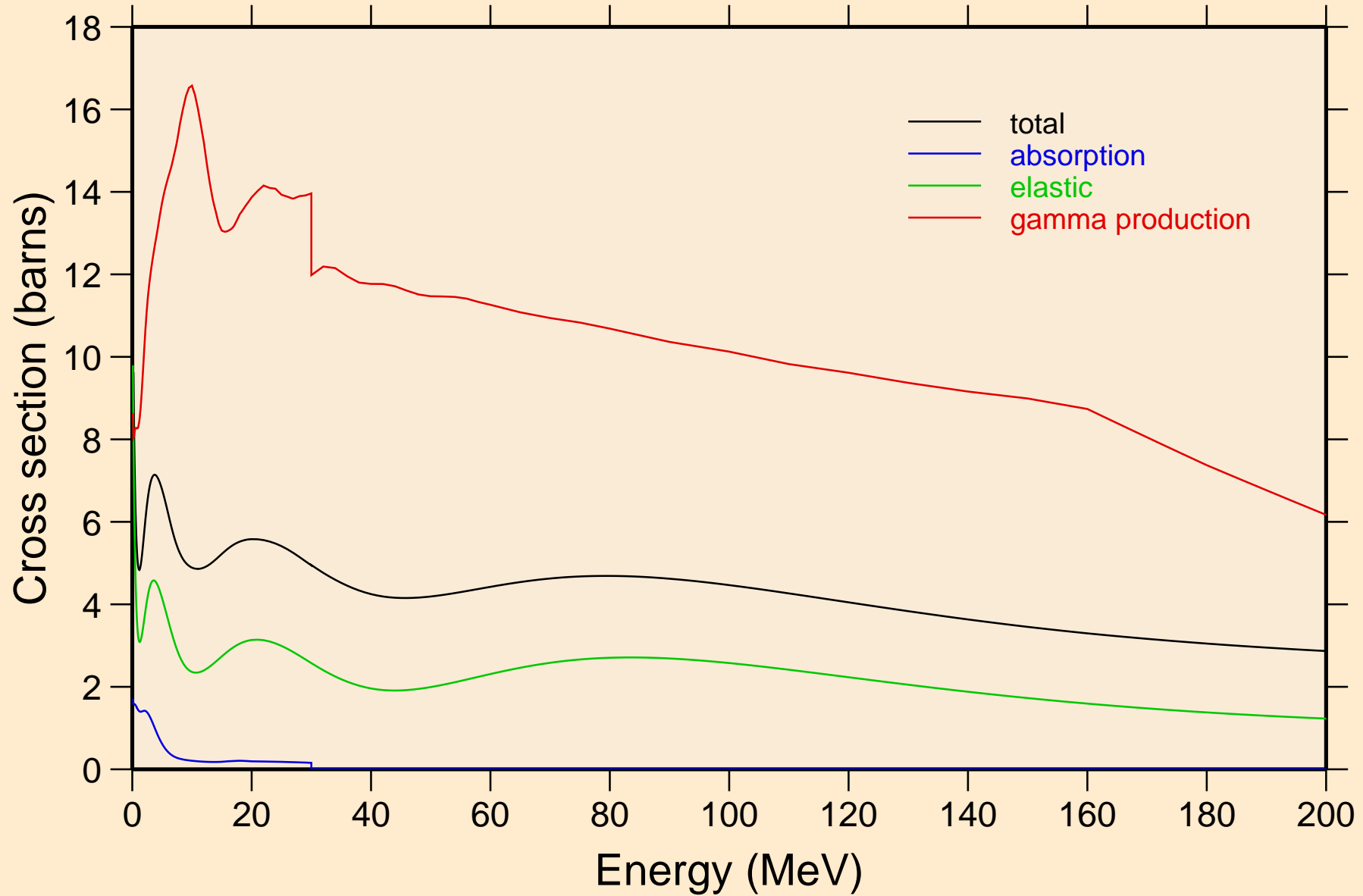


BI194N NRG TENDL-2015, AKONING  
Non-threshold reactions



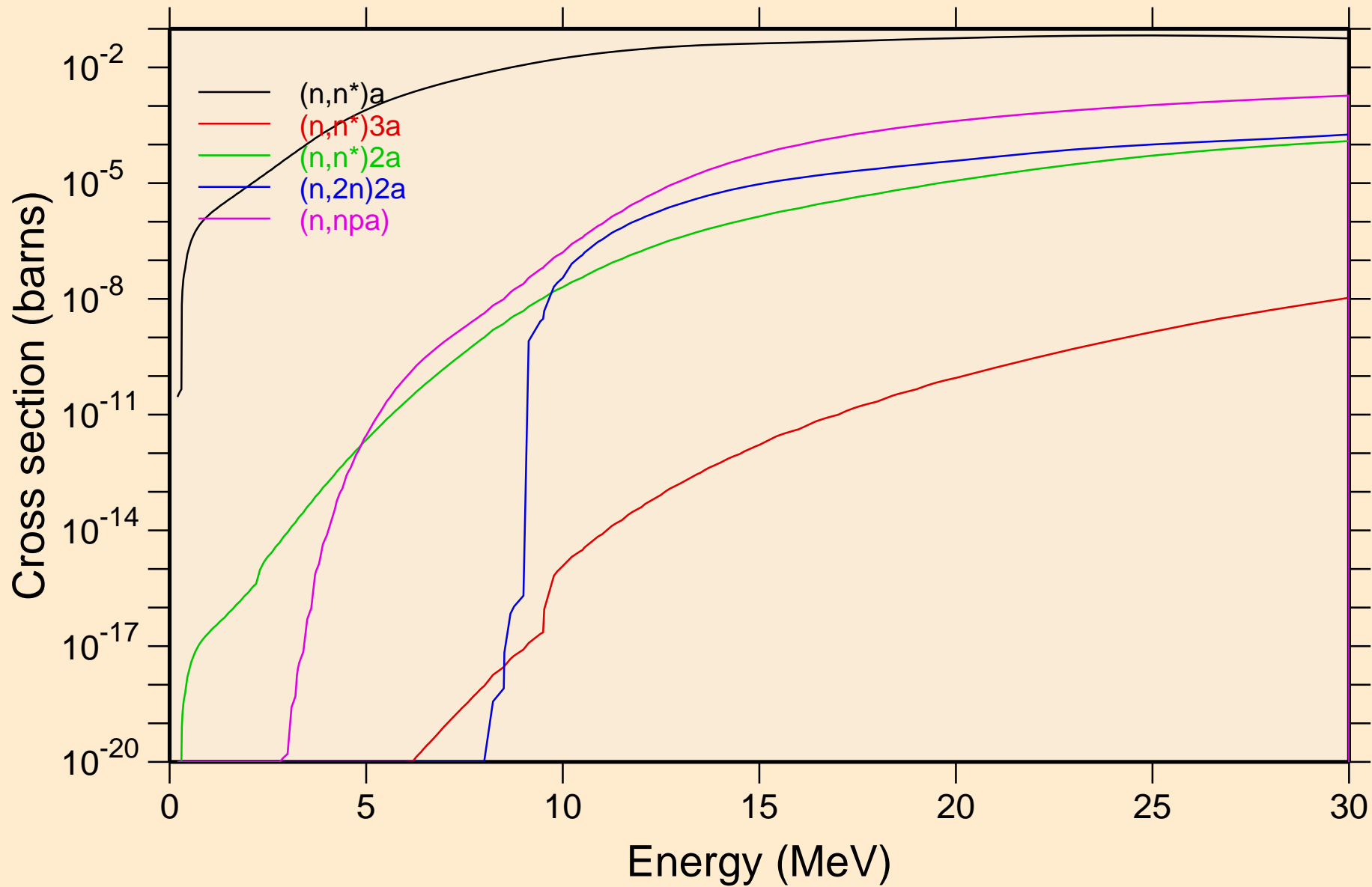
# BI194N NRG TENDL-2015, AKONING

## Principal cross sections



# BI194N NRG TENDL-2015, AKONING

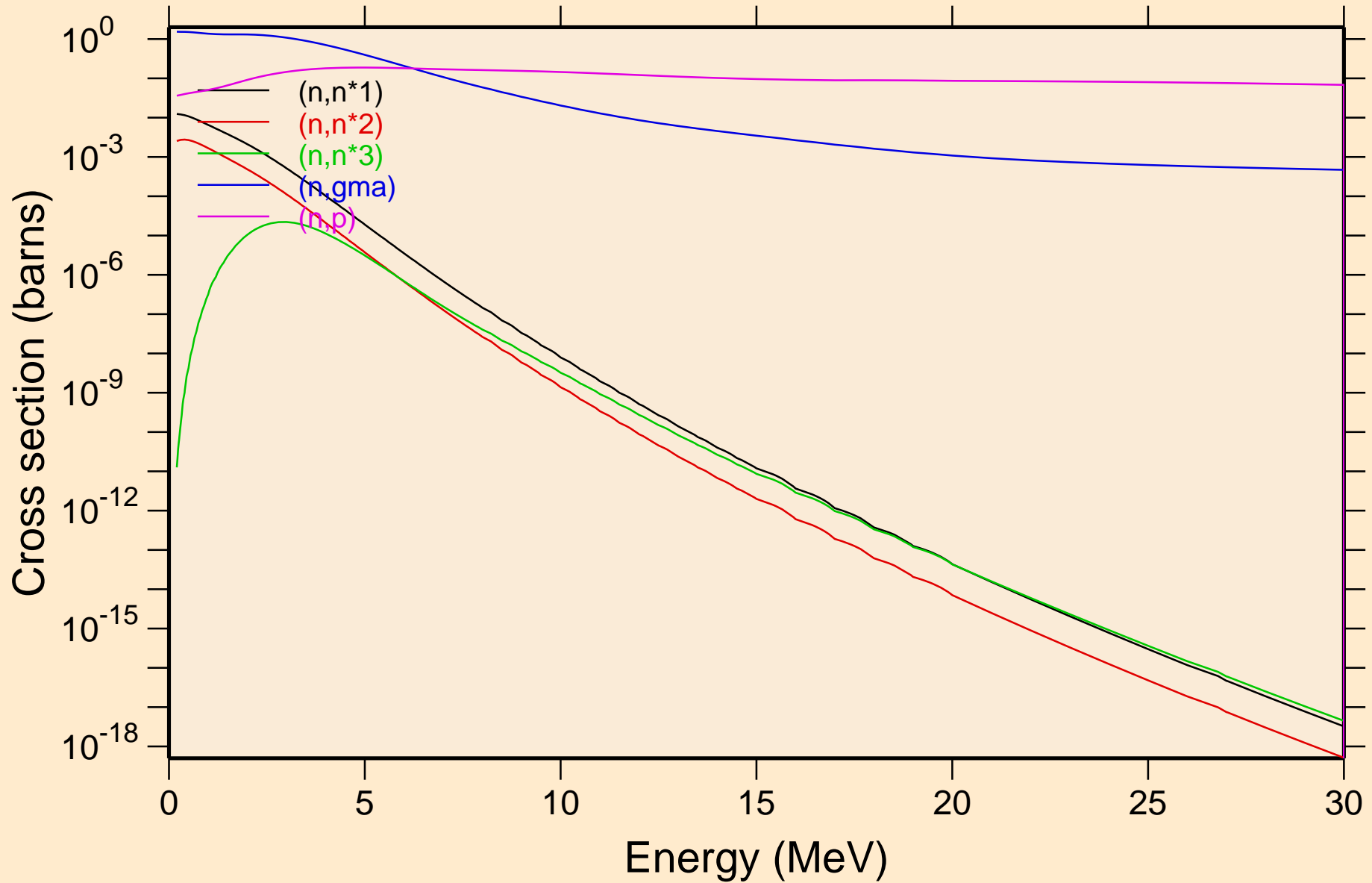
## Non-threshold reactions





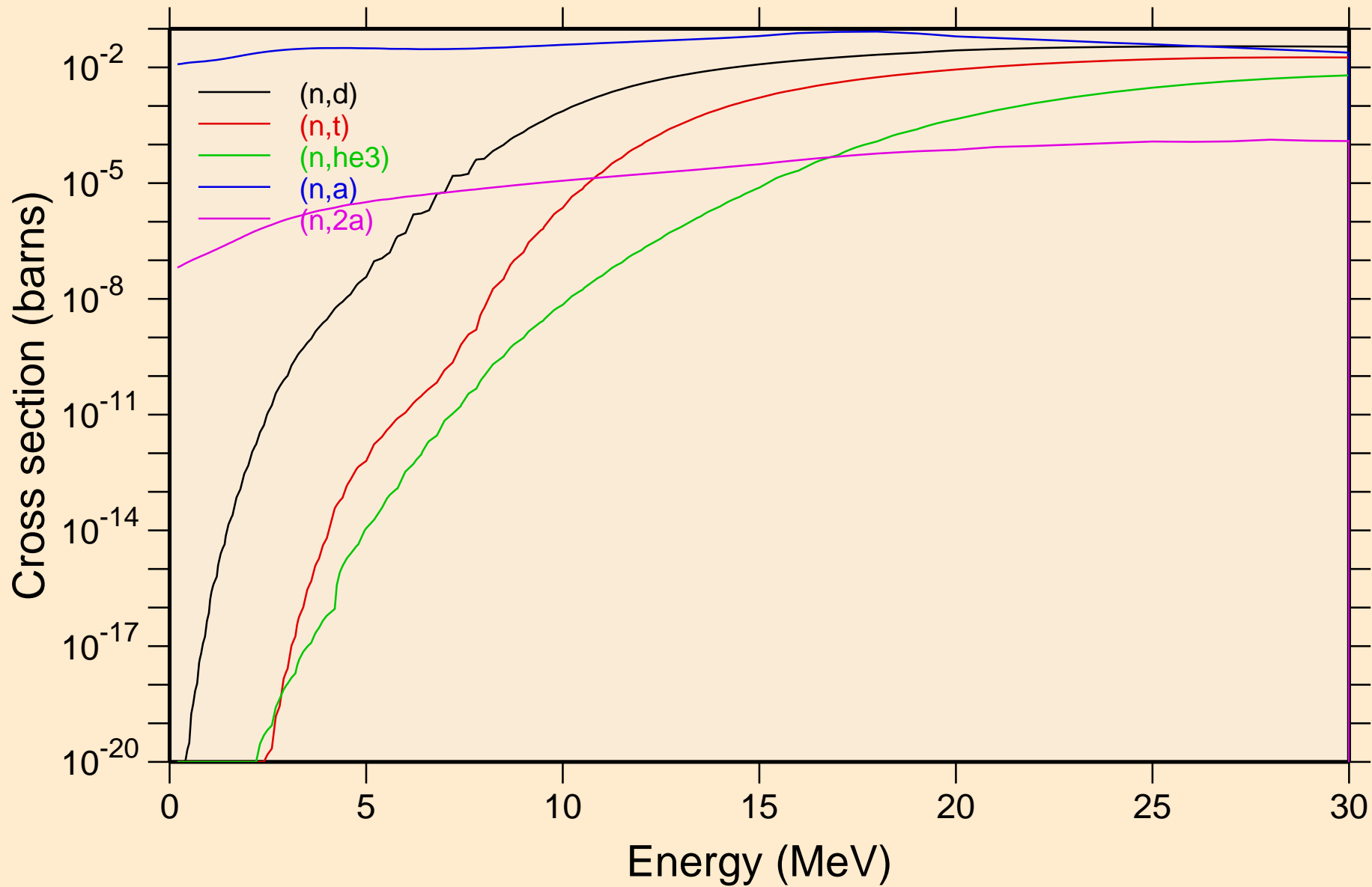
# BI194N NRG TENDL-2015, AKONING

## Non-threshold reactions



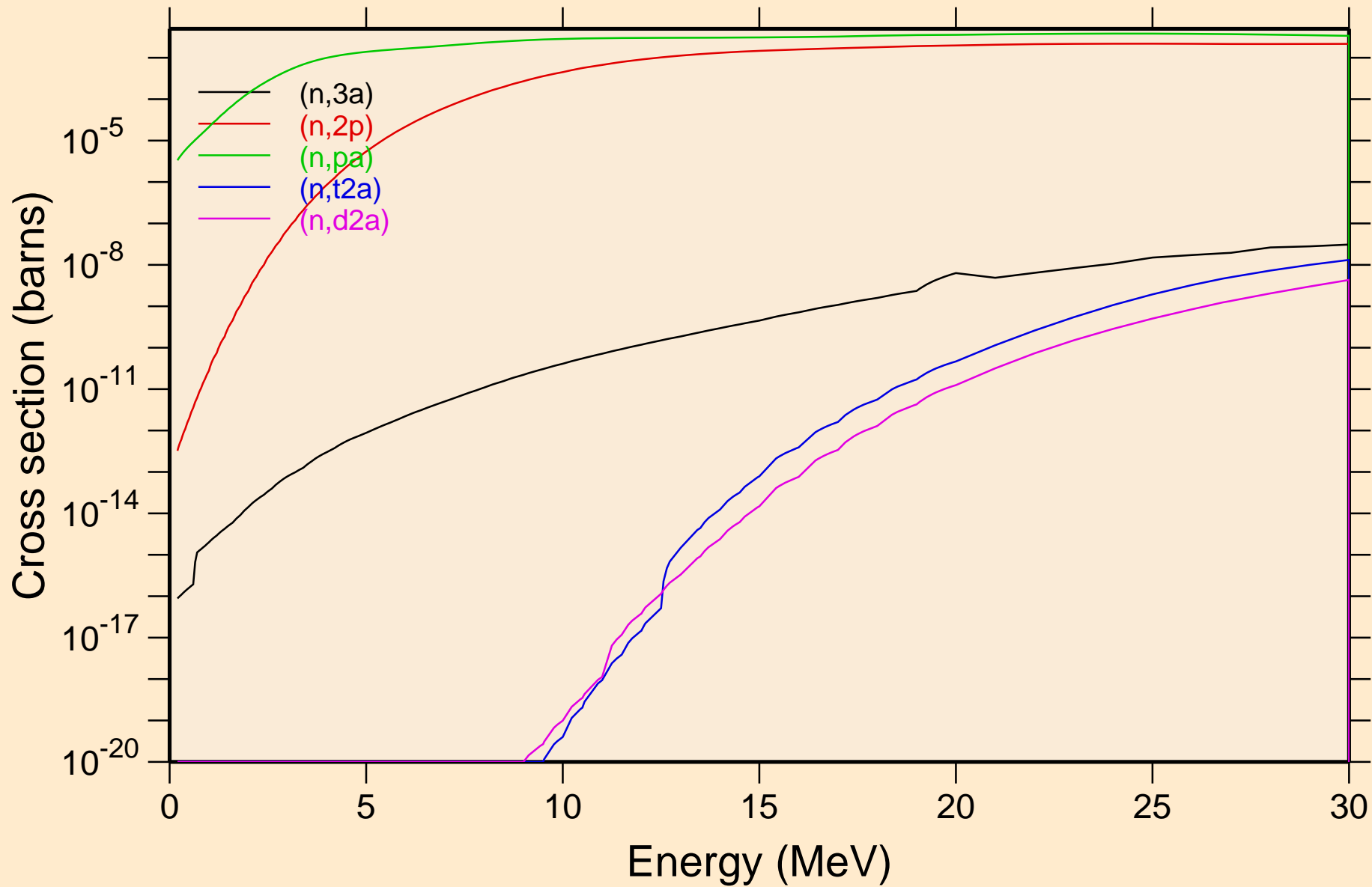
# BI194N NRG TENDL-2015, AKONING

## Non-threshold reactions

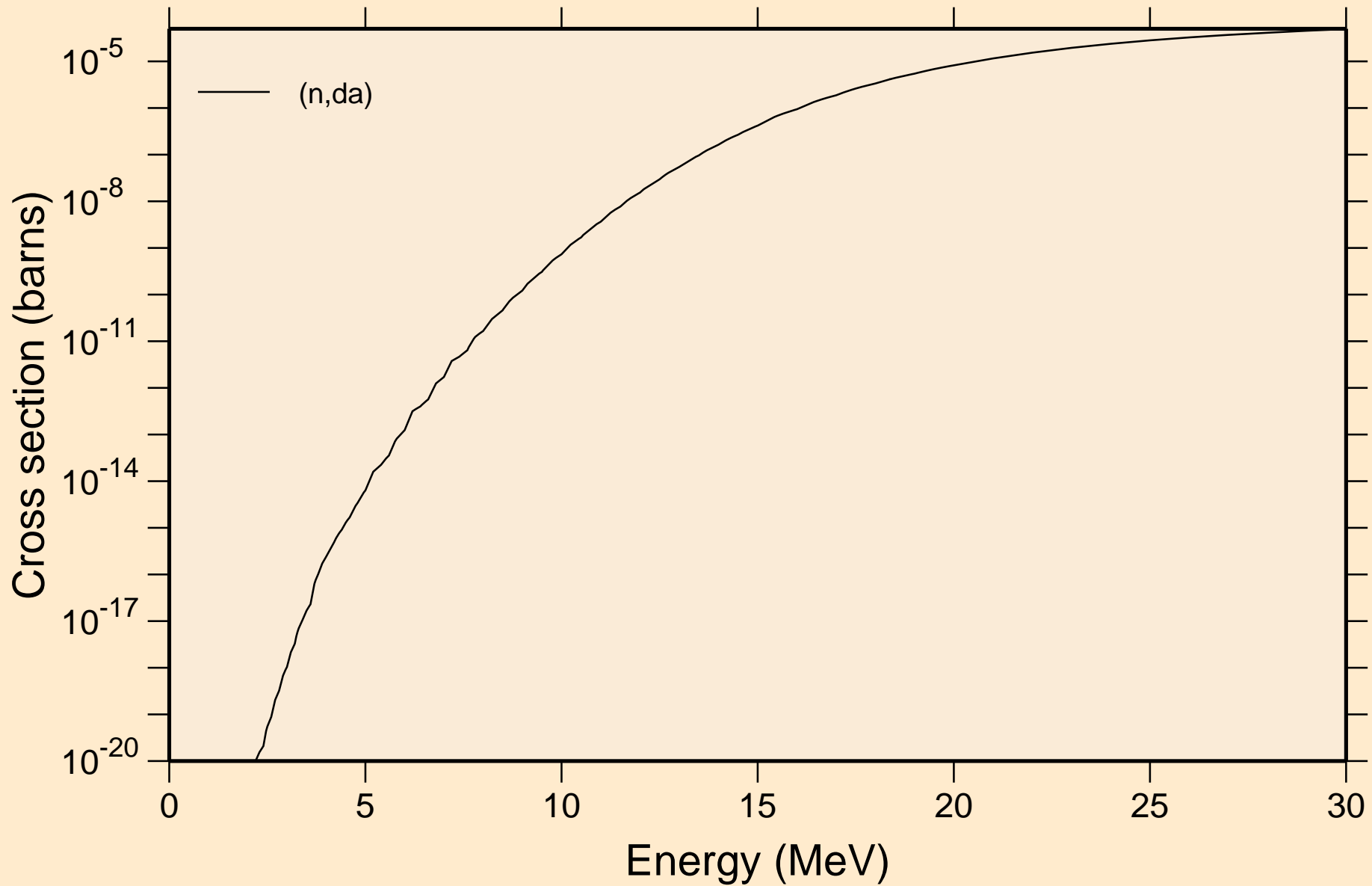


# BI194N NRG TENDL-2015, AKONING

## Non-threshold reactions

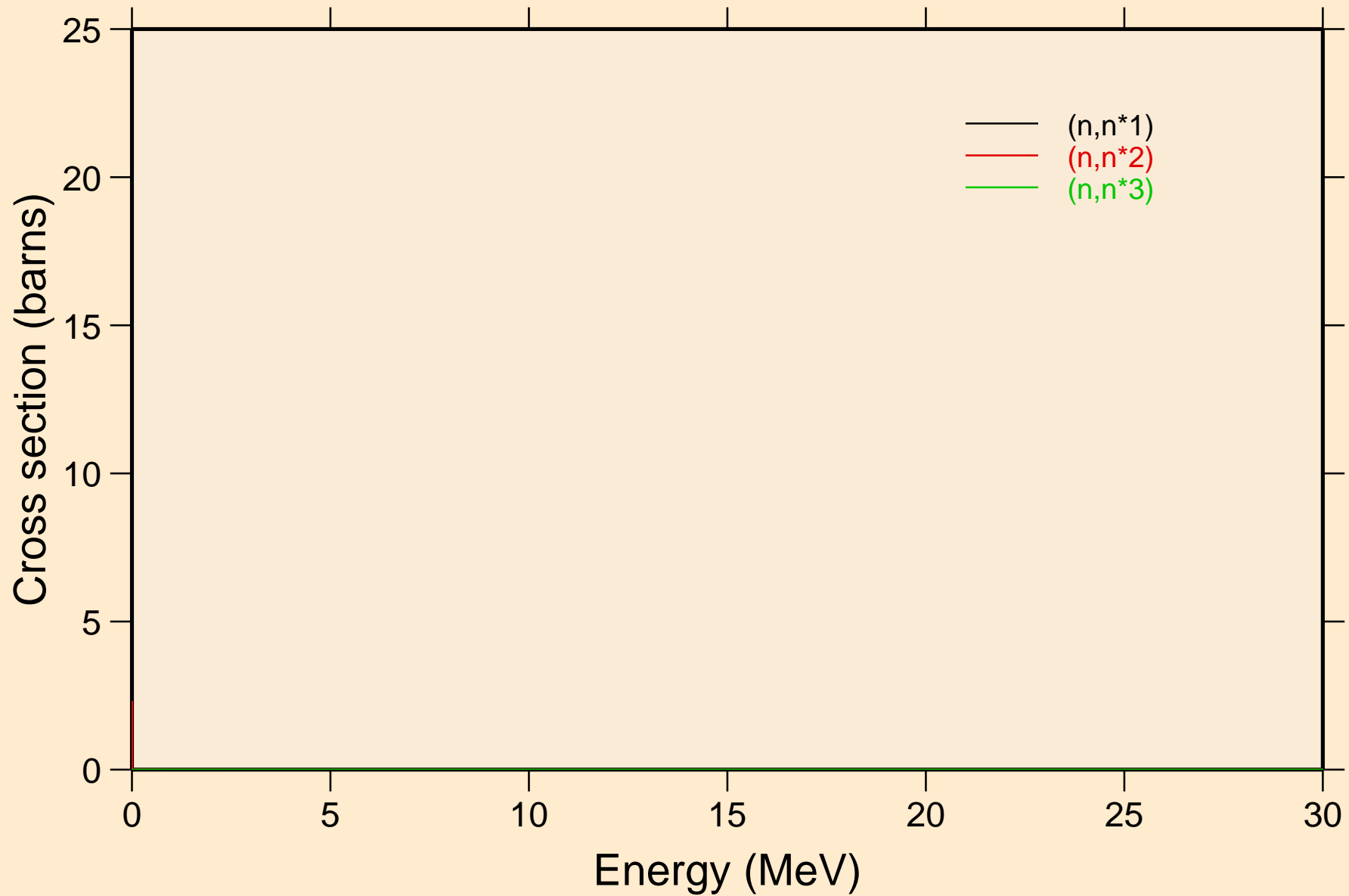


BI194N NRG TENDL-2015, AKONING  
Non-threshold reactions



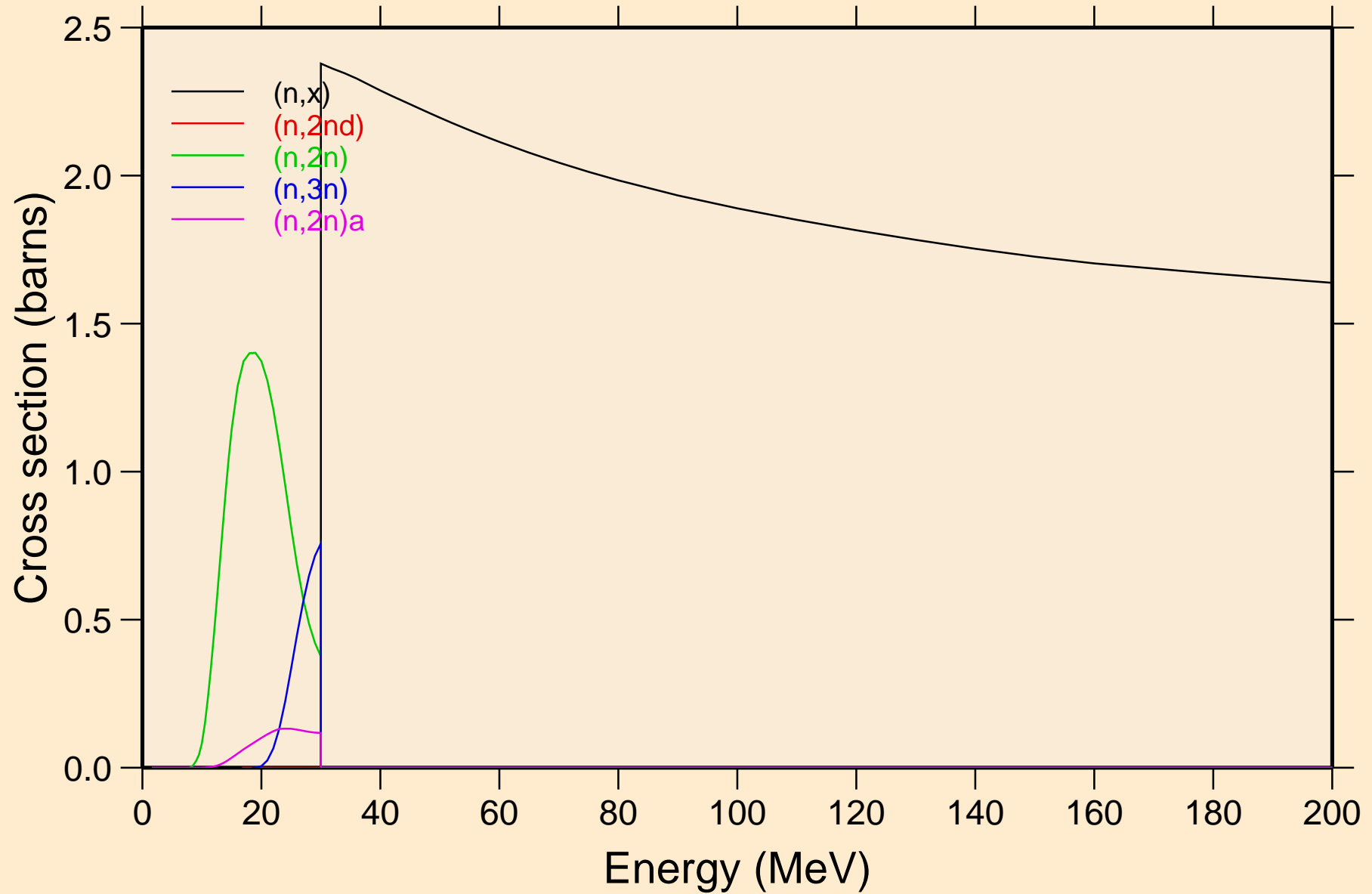
# BI194N NRG TENDL-2015, AKONING

## Inelastic levels



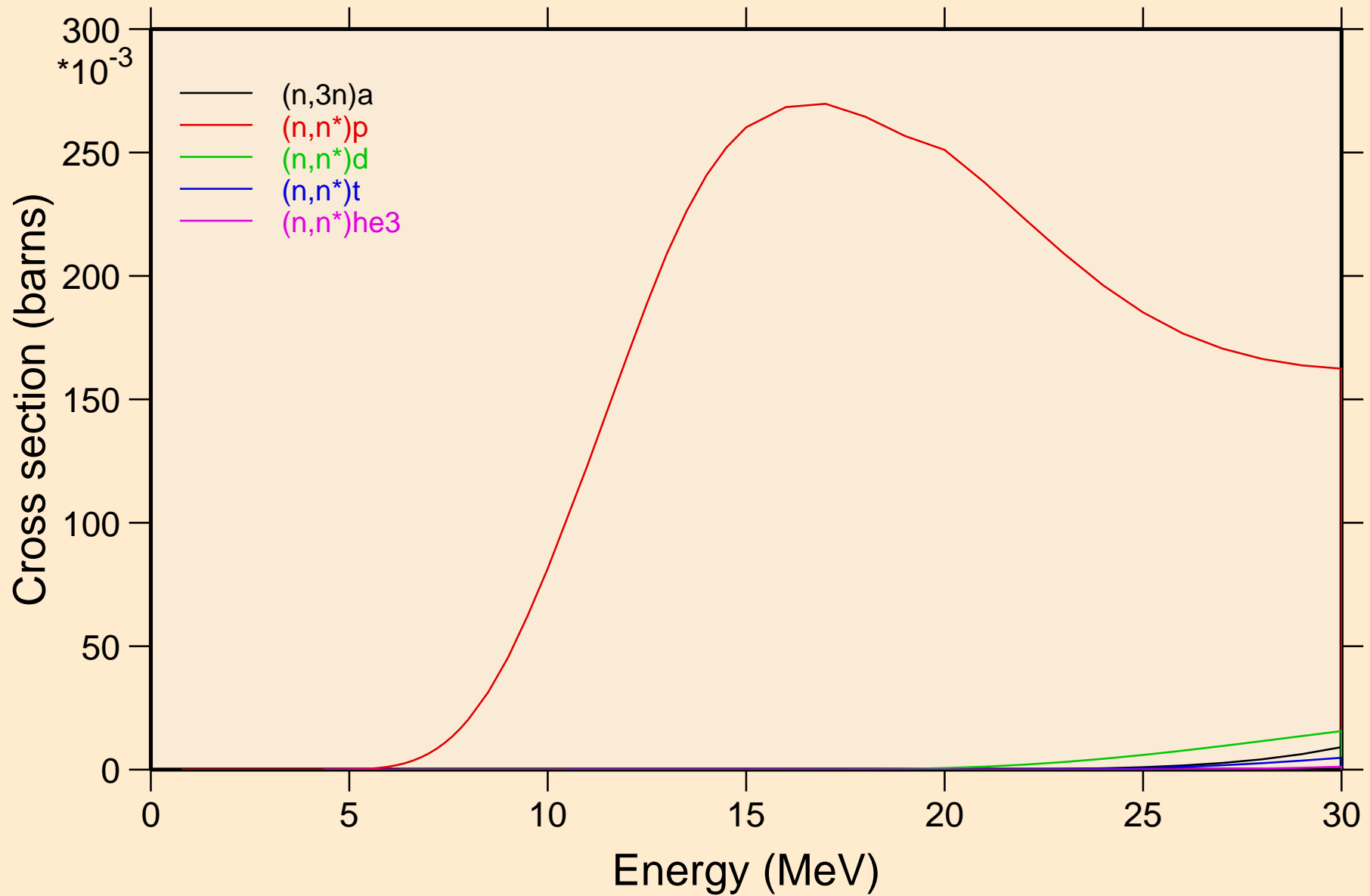
# BI194N NRG TENDL-2015, AKONING

## Threshold reactions



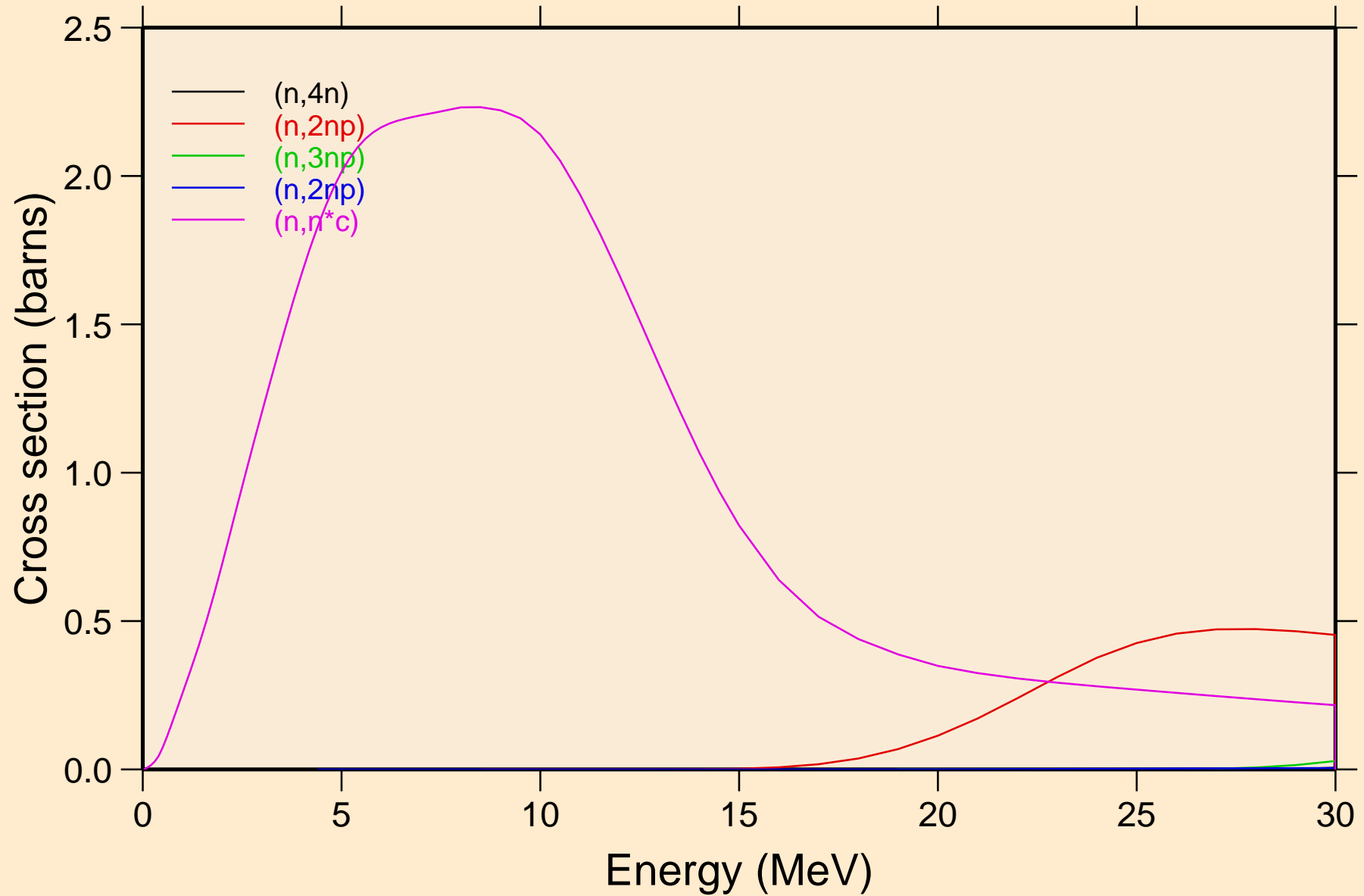
# BI194N NRG TENDL-2015, AKONING

## Threshold reactions



# BI194N NRG TENDL-2015, AKONING

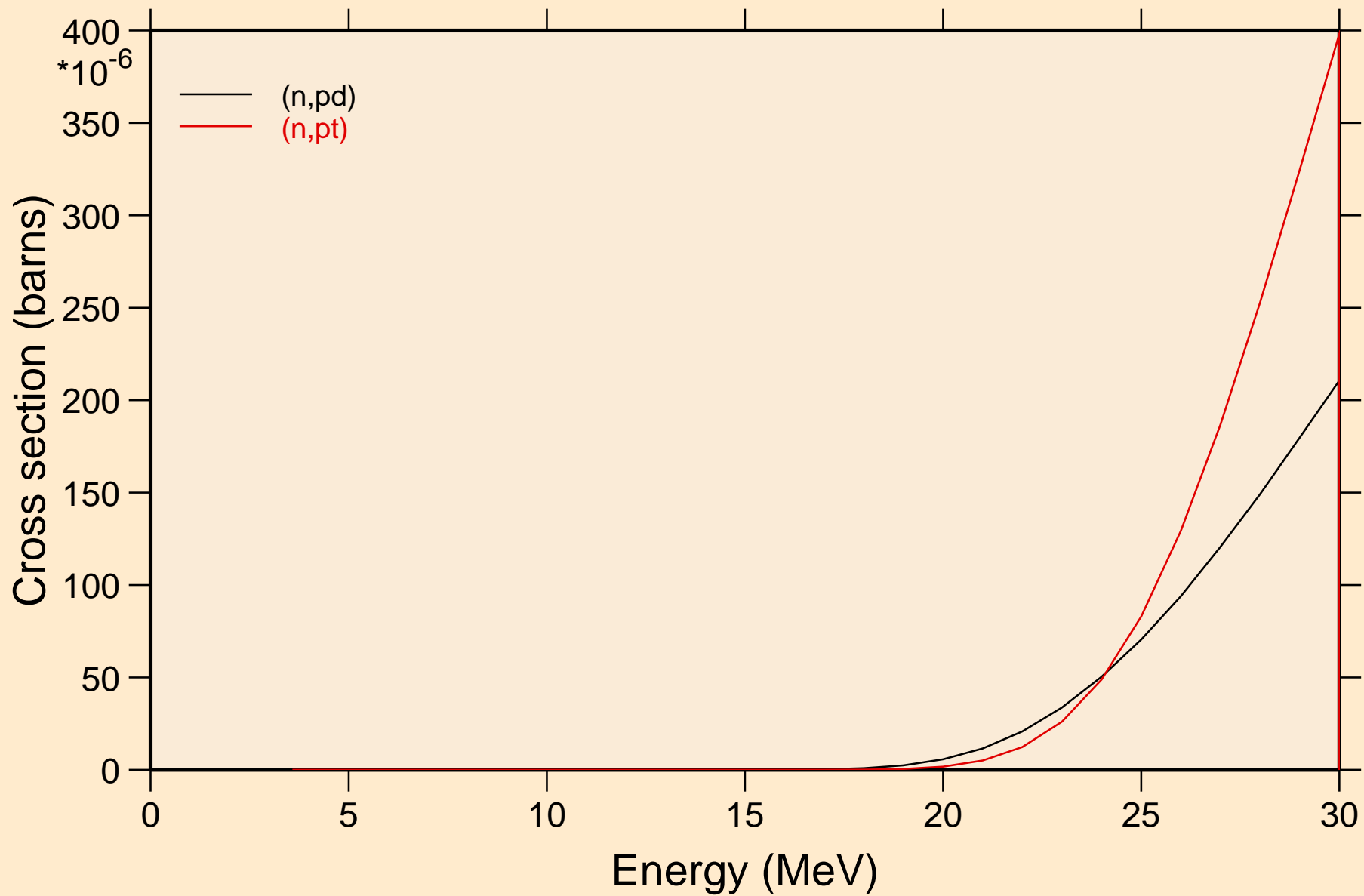
## Threshold reactions



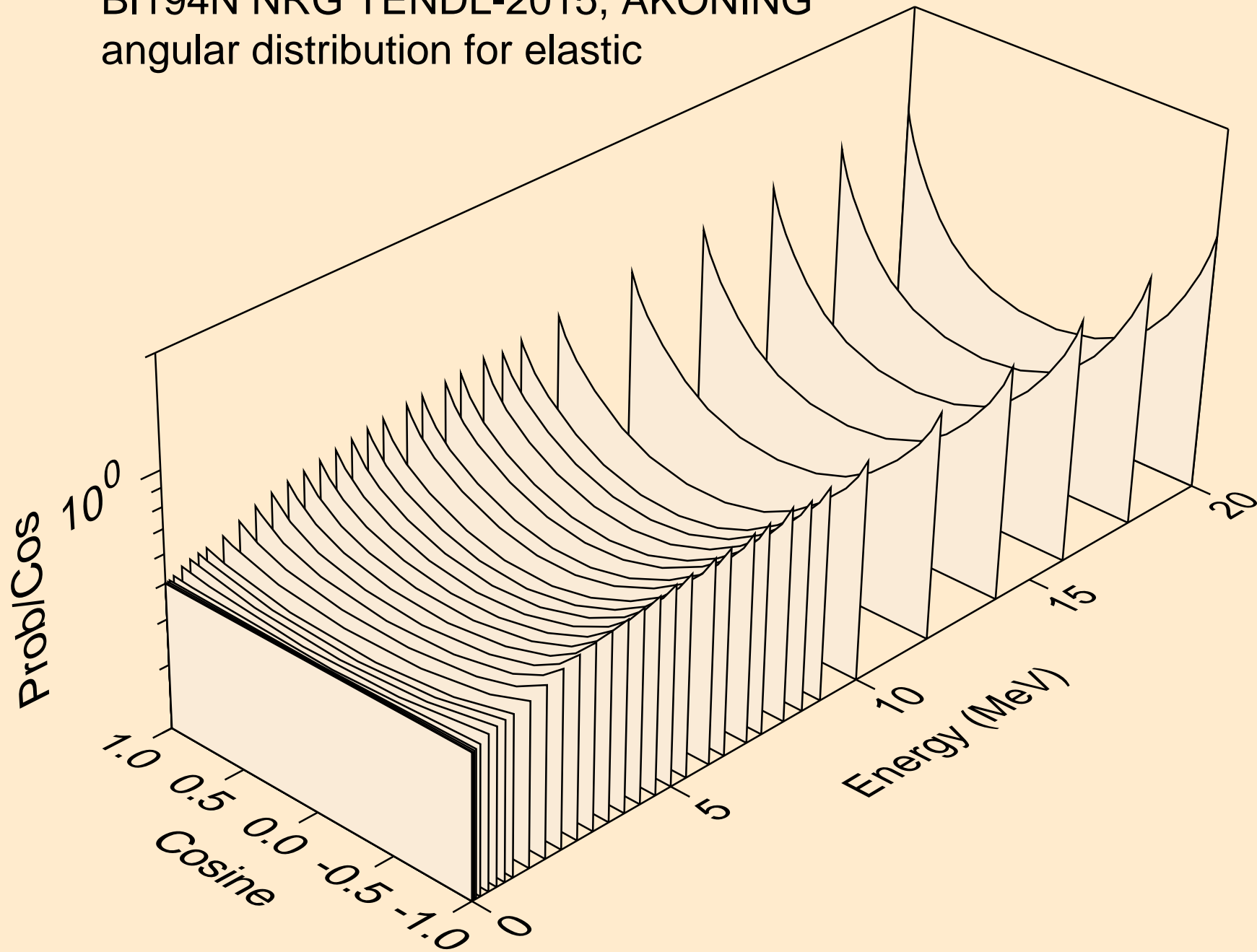


# BI194N NRG TENDL-2015, AKONING

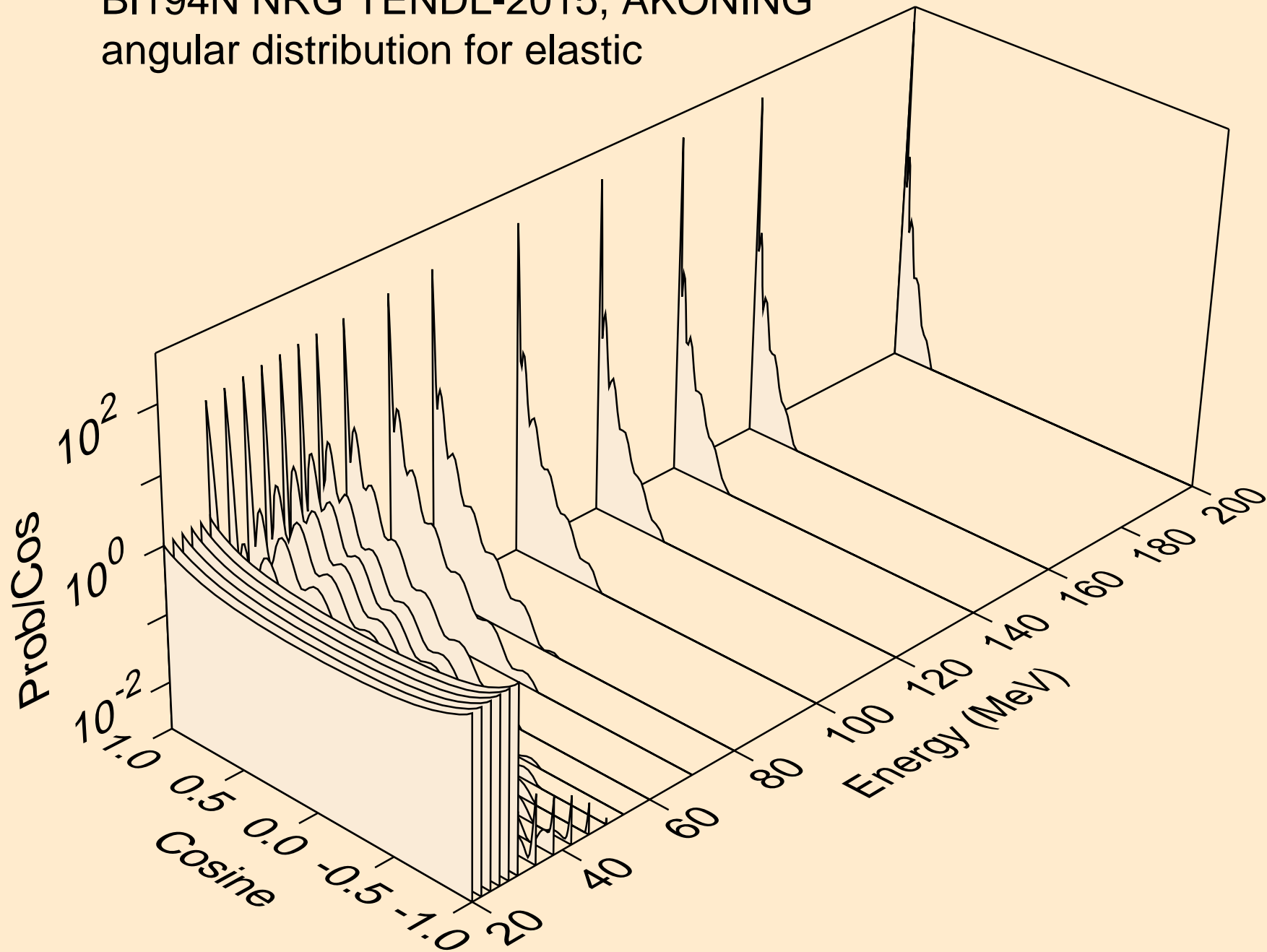
## Threshold reactions



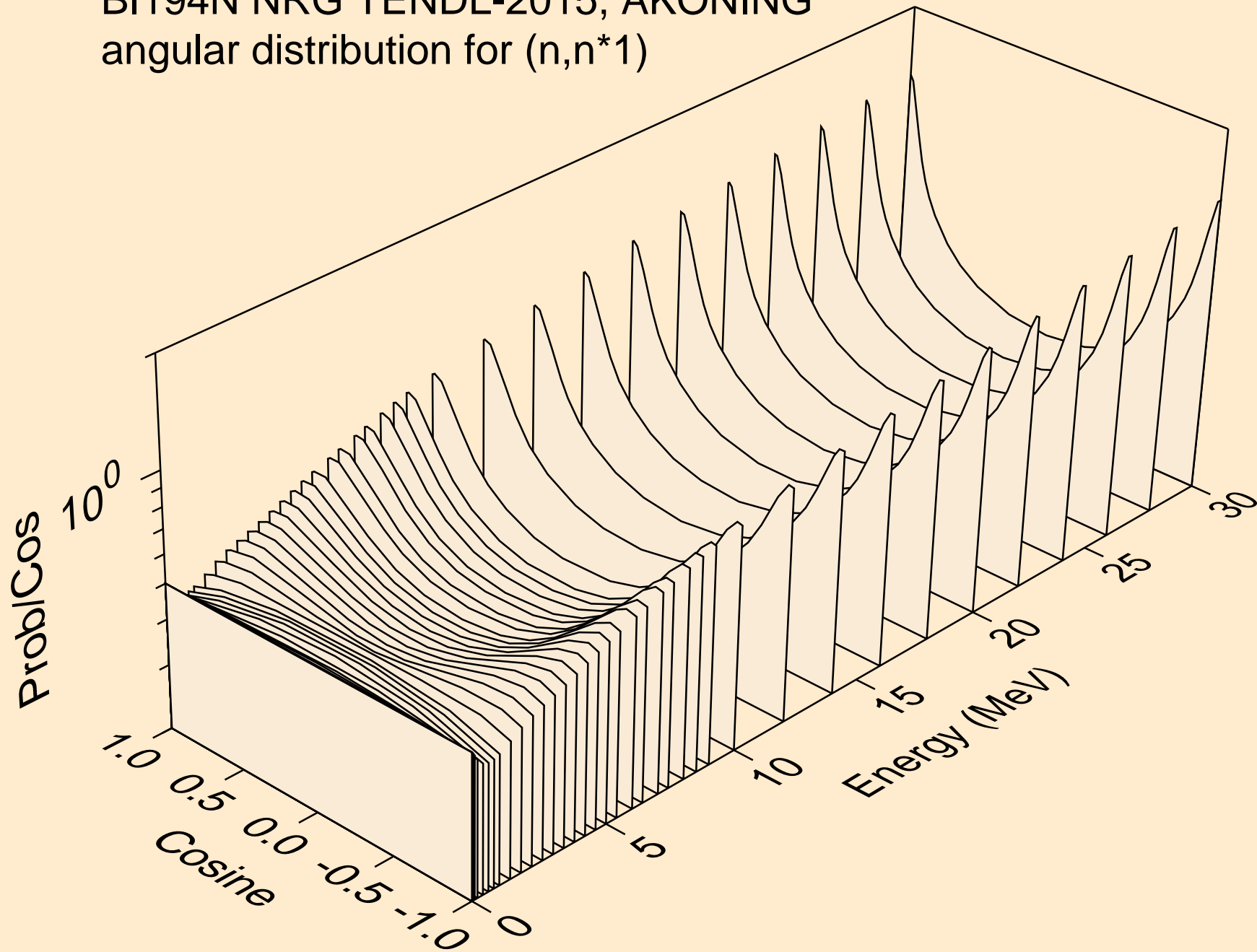
BI194N NRG TENDL-2015, AKONING  
angular distribution for elastic



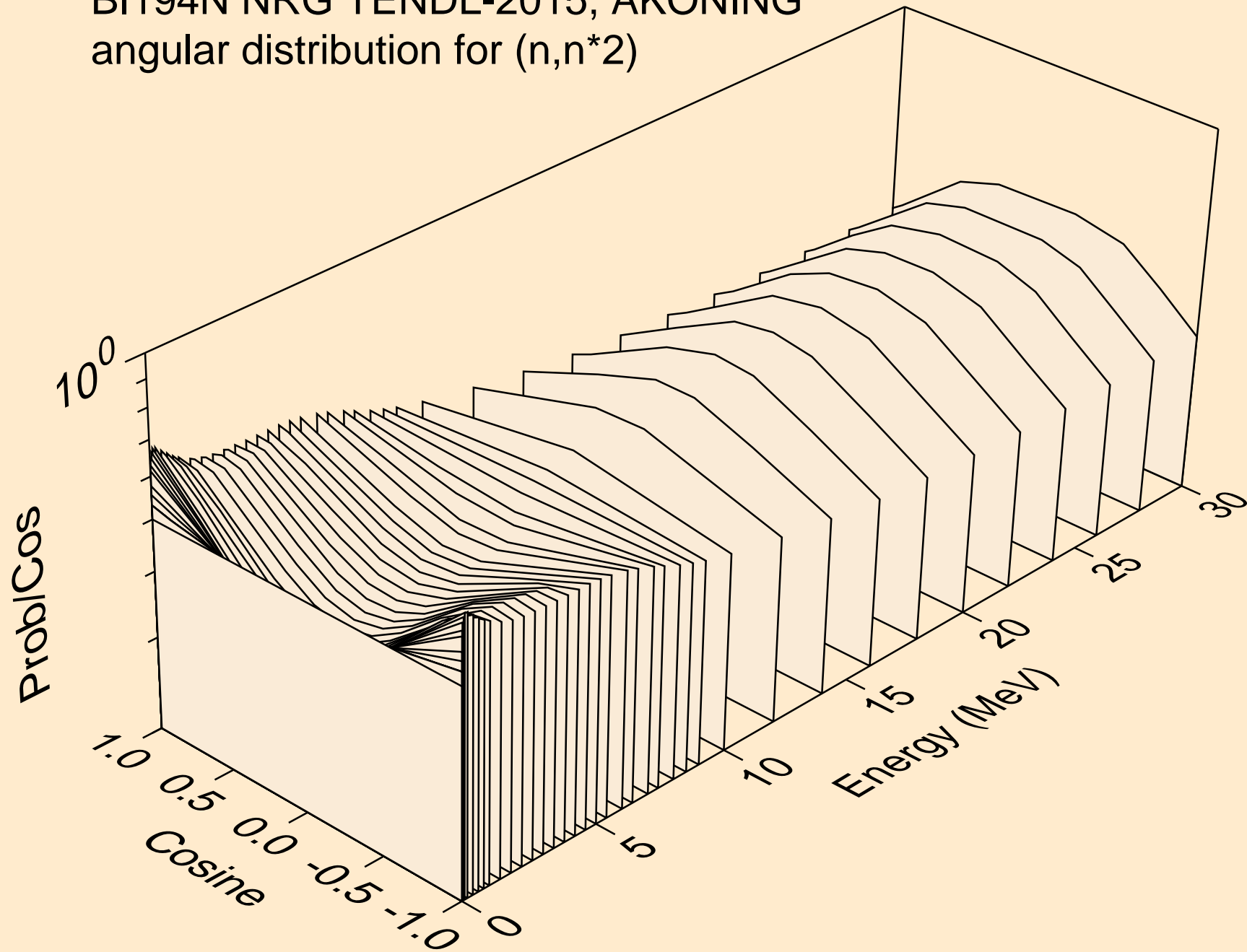
BI194N NRG TENDL-2015, AKONING  
angular distribution for elastic



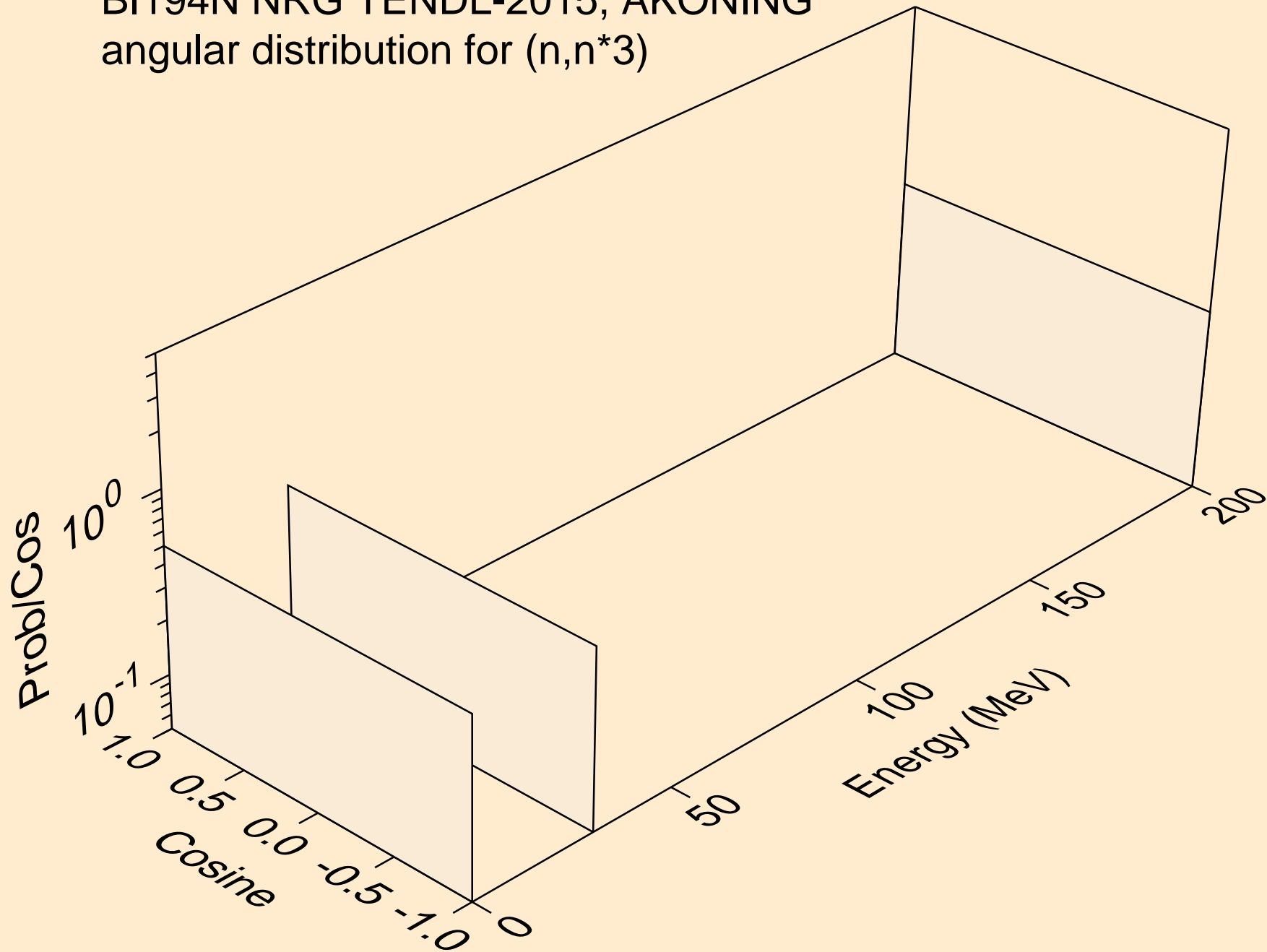
BI194N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



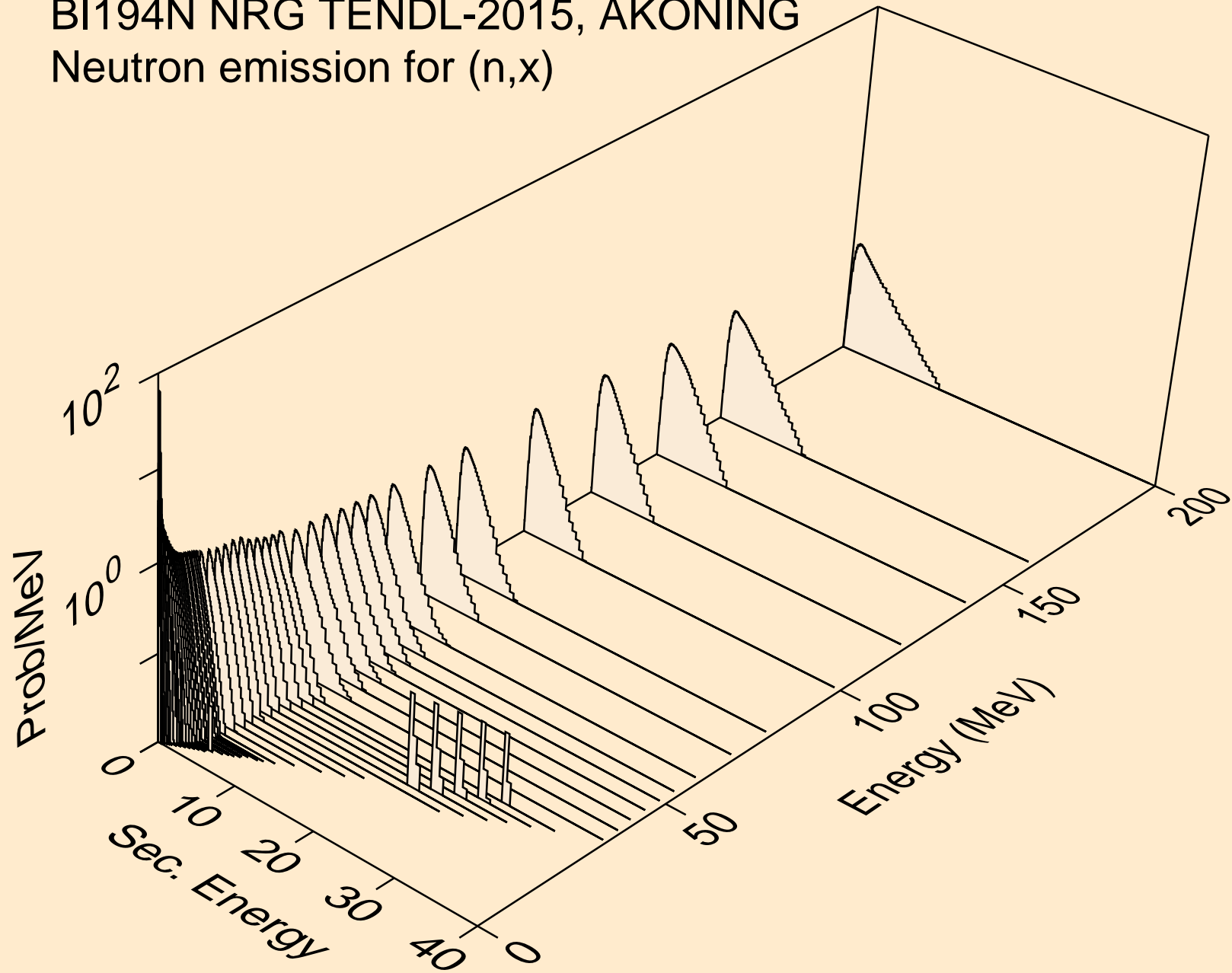
BI194N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



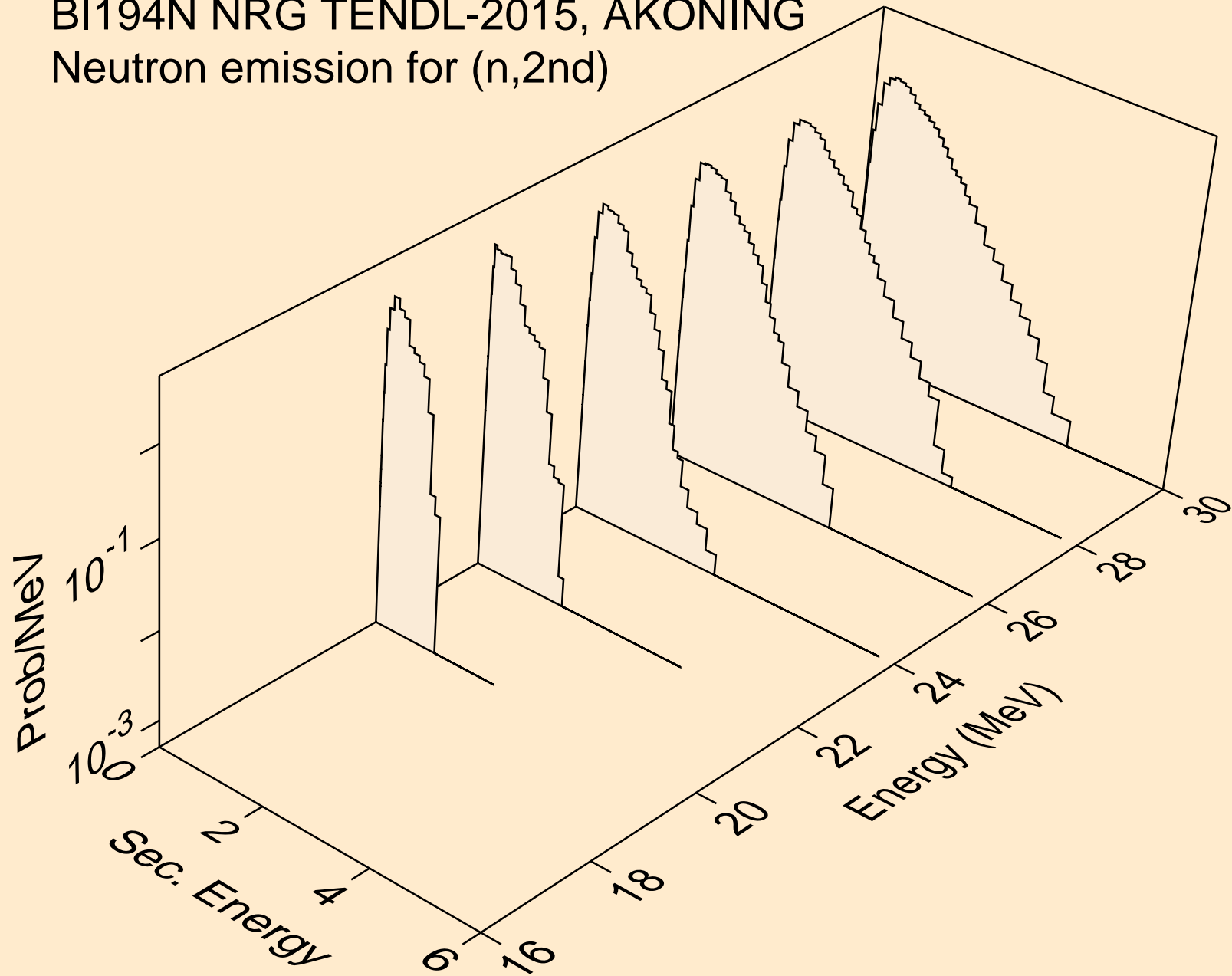
BI194N NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

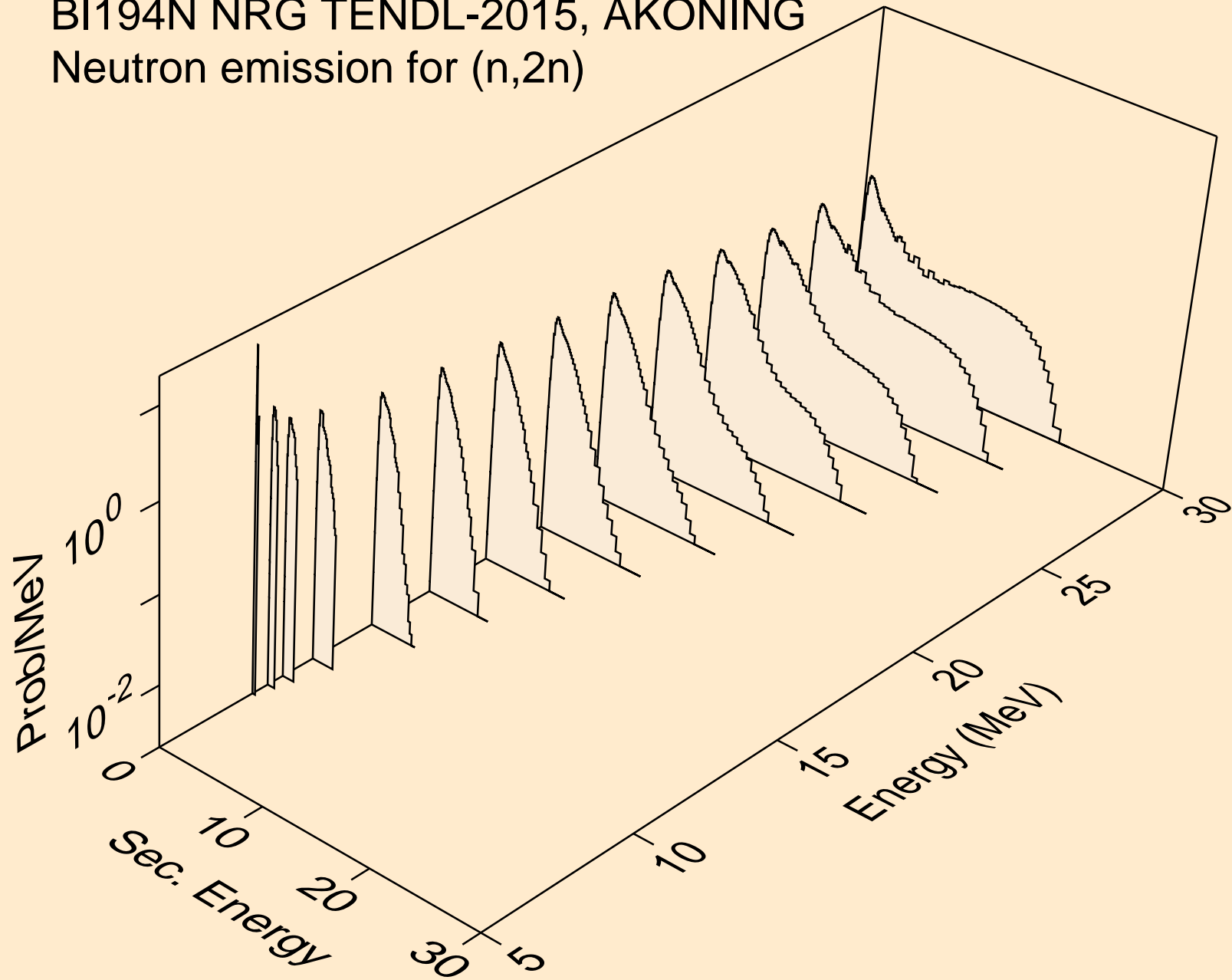


BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

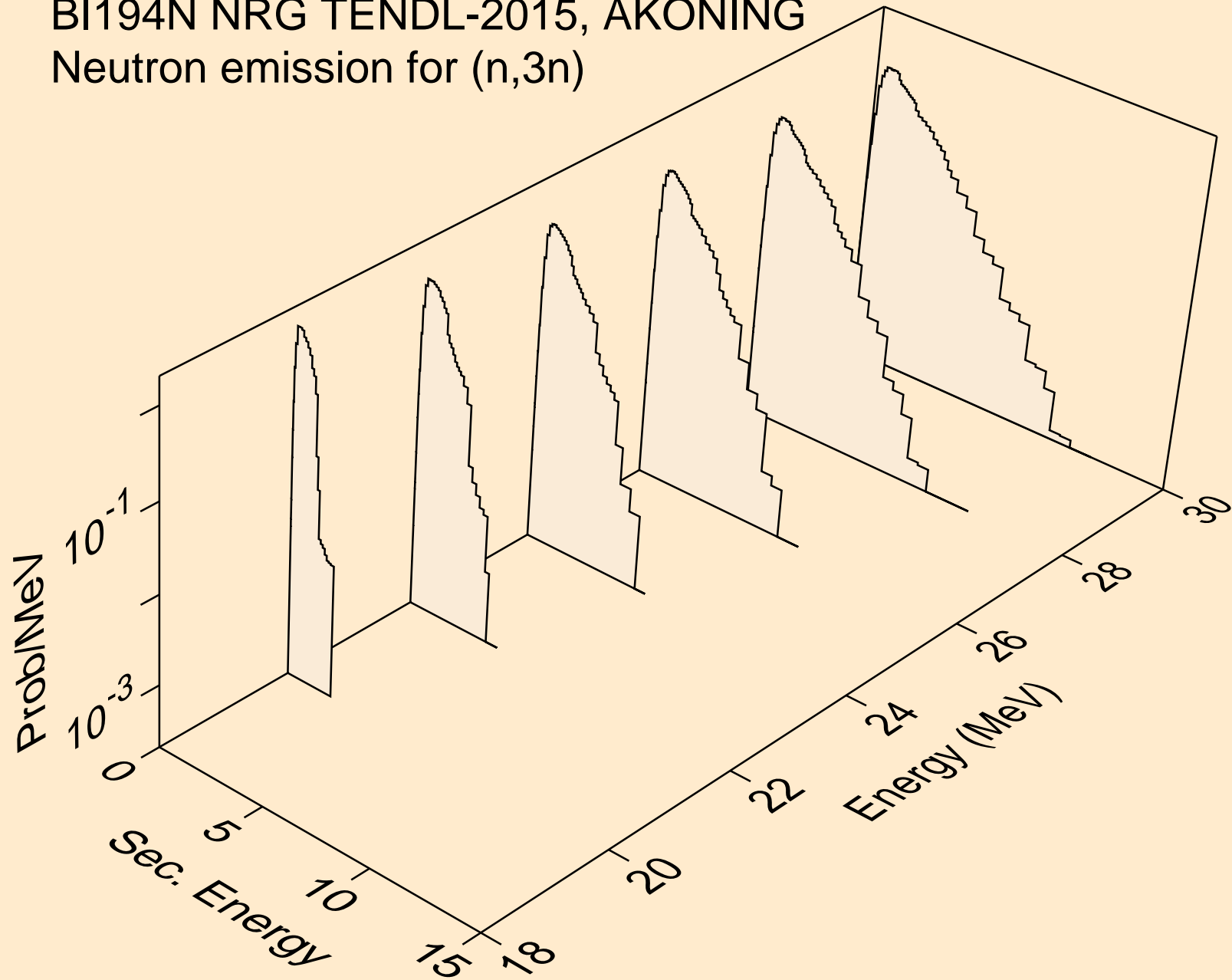




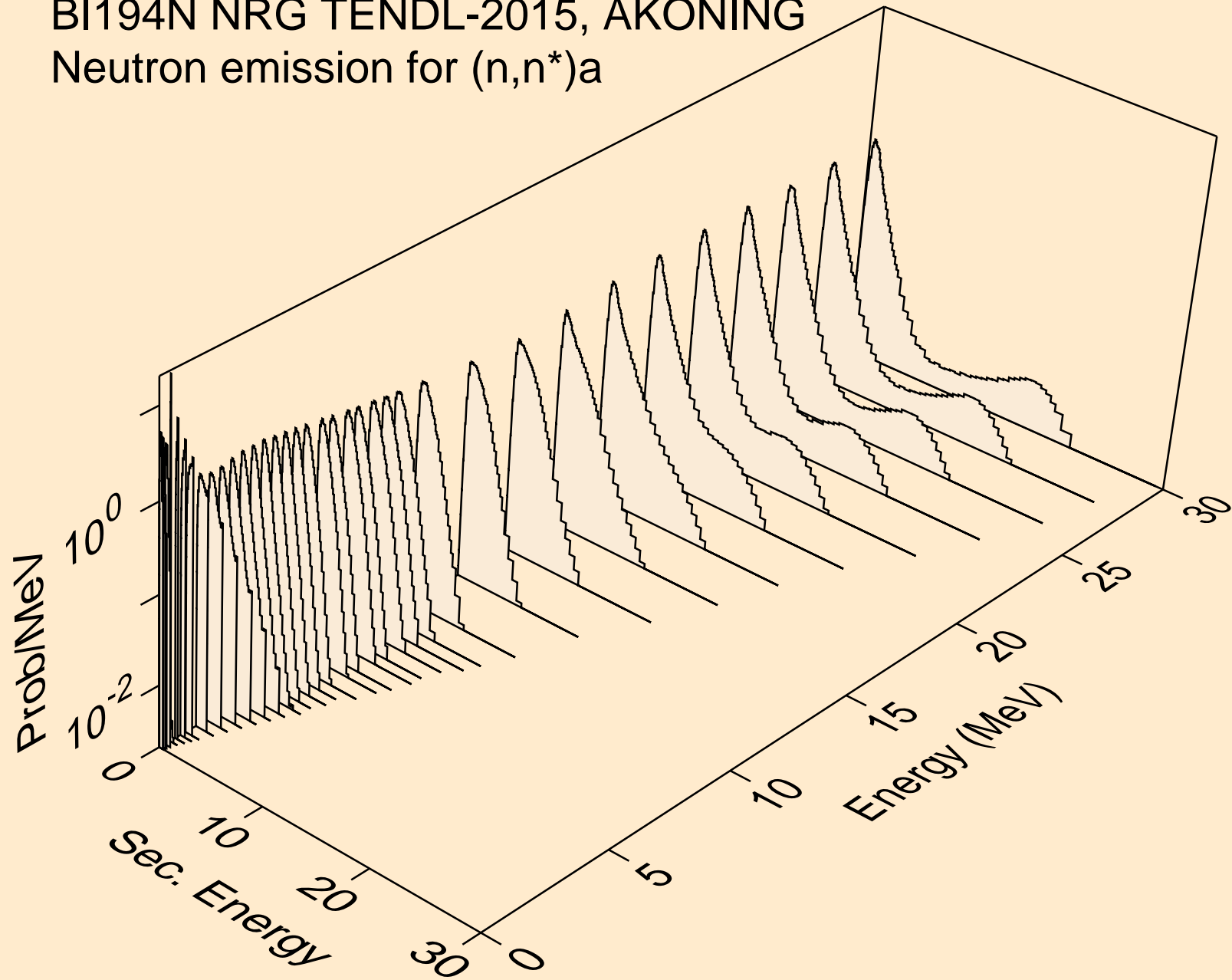
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



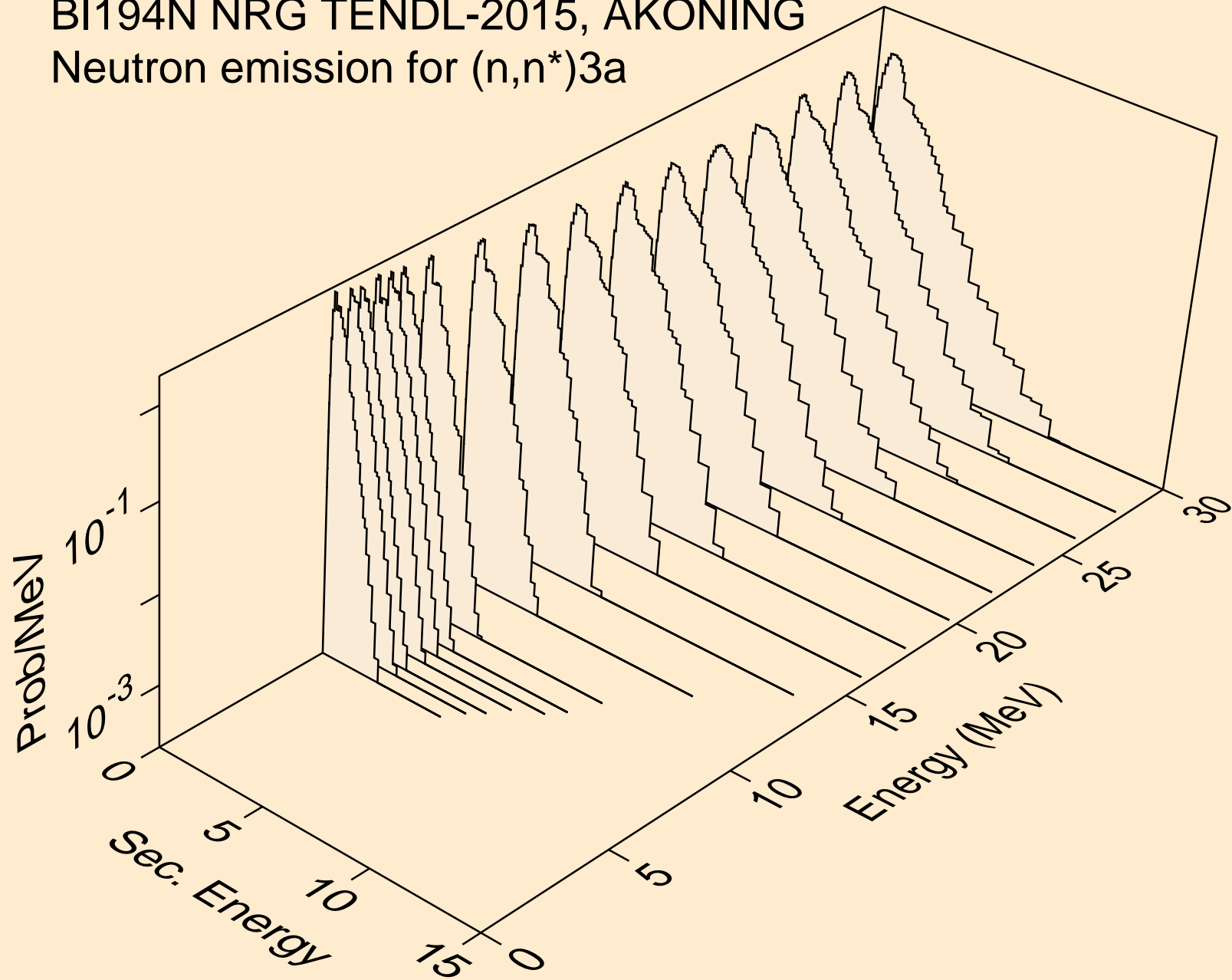
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



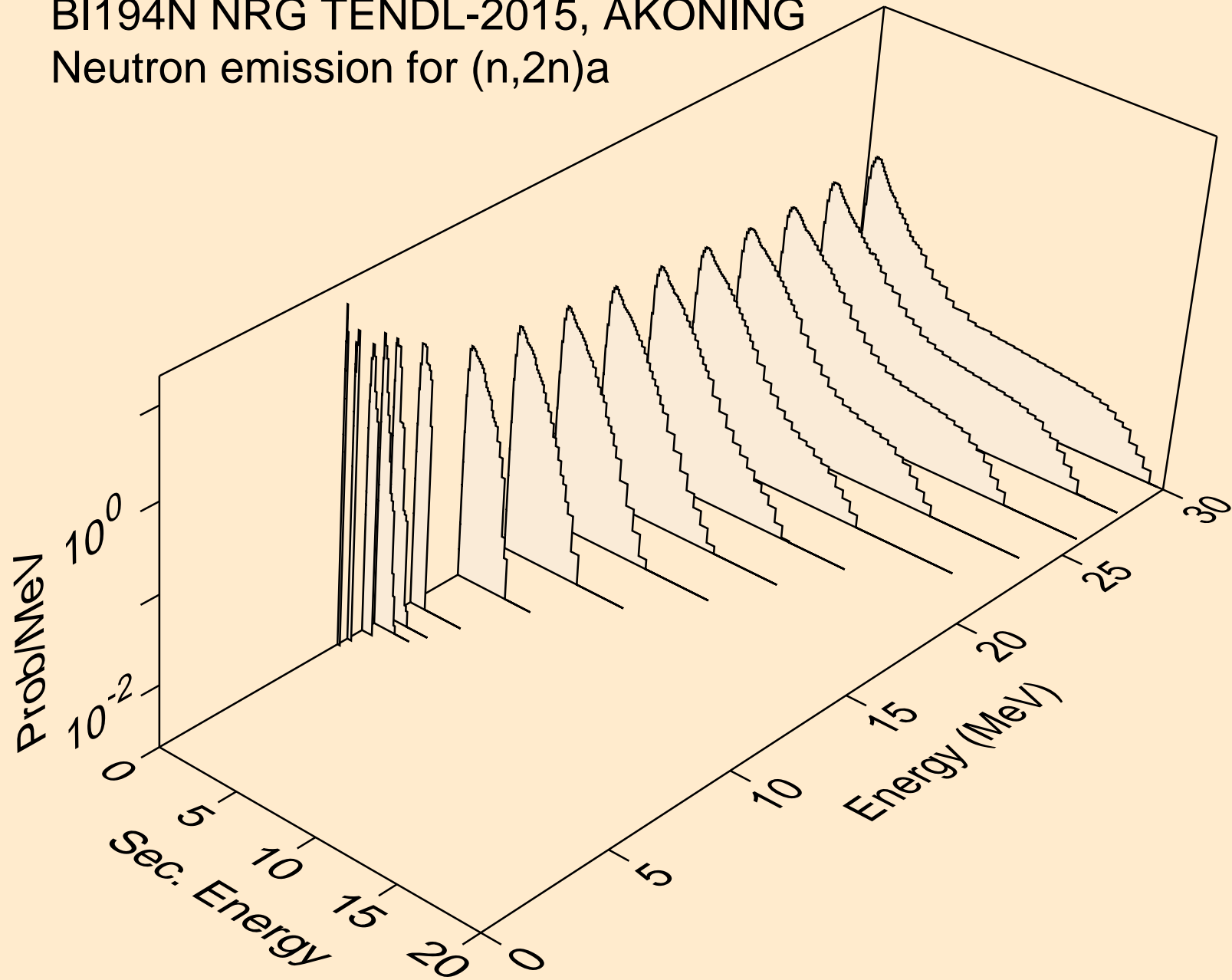
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



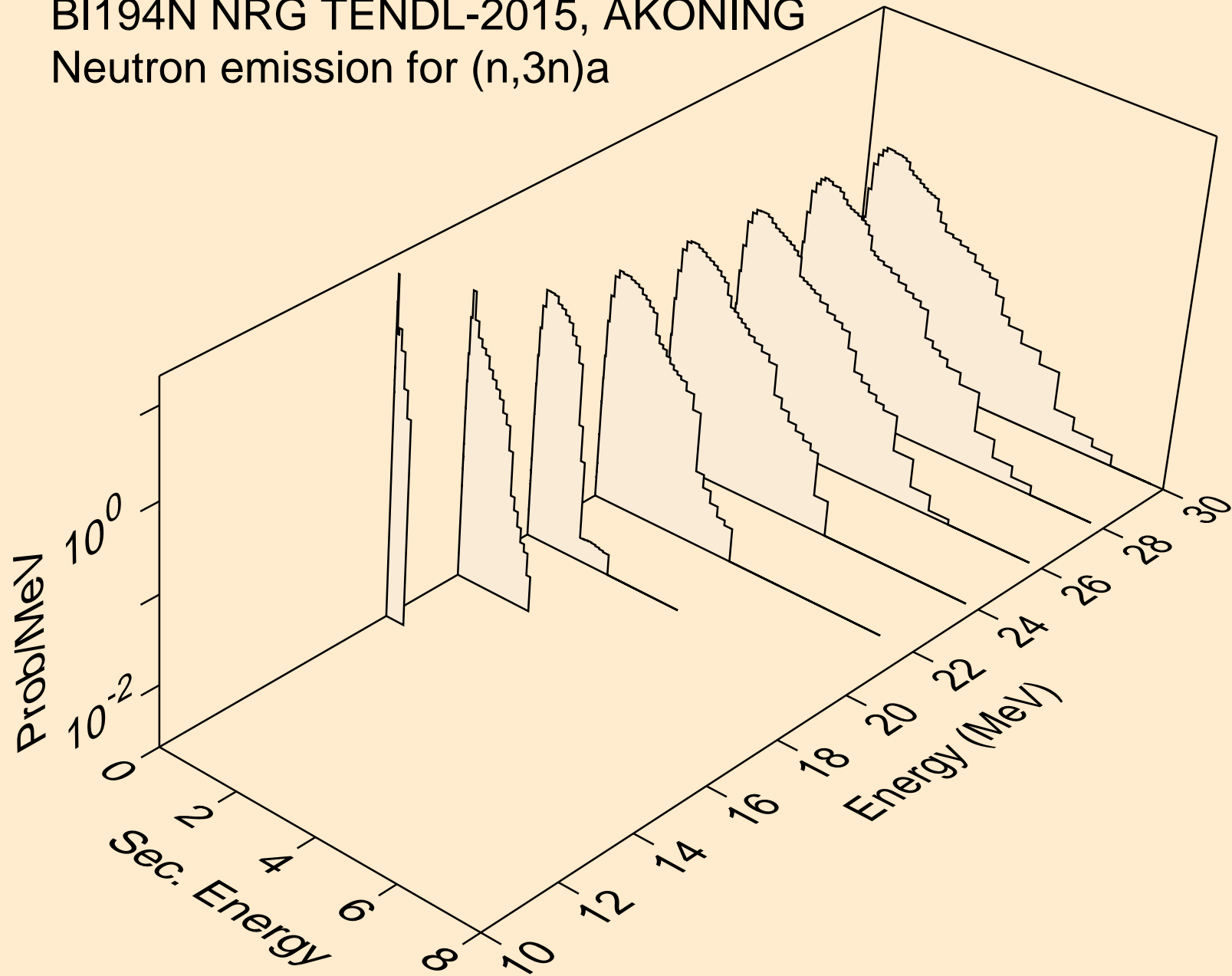
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



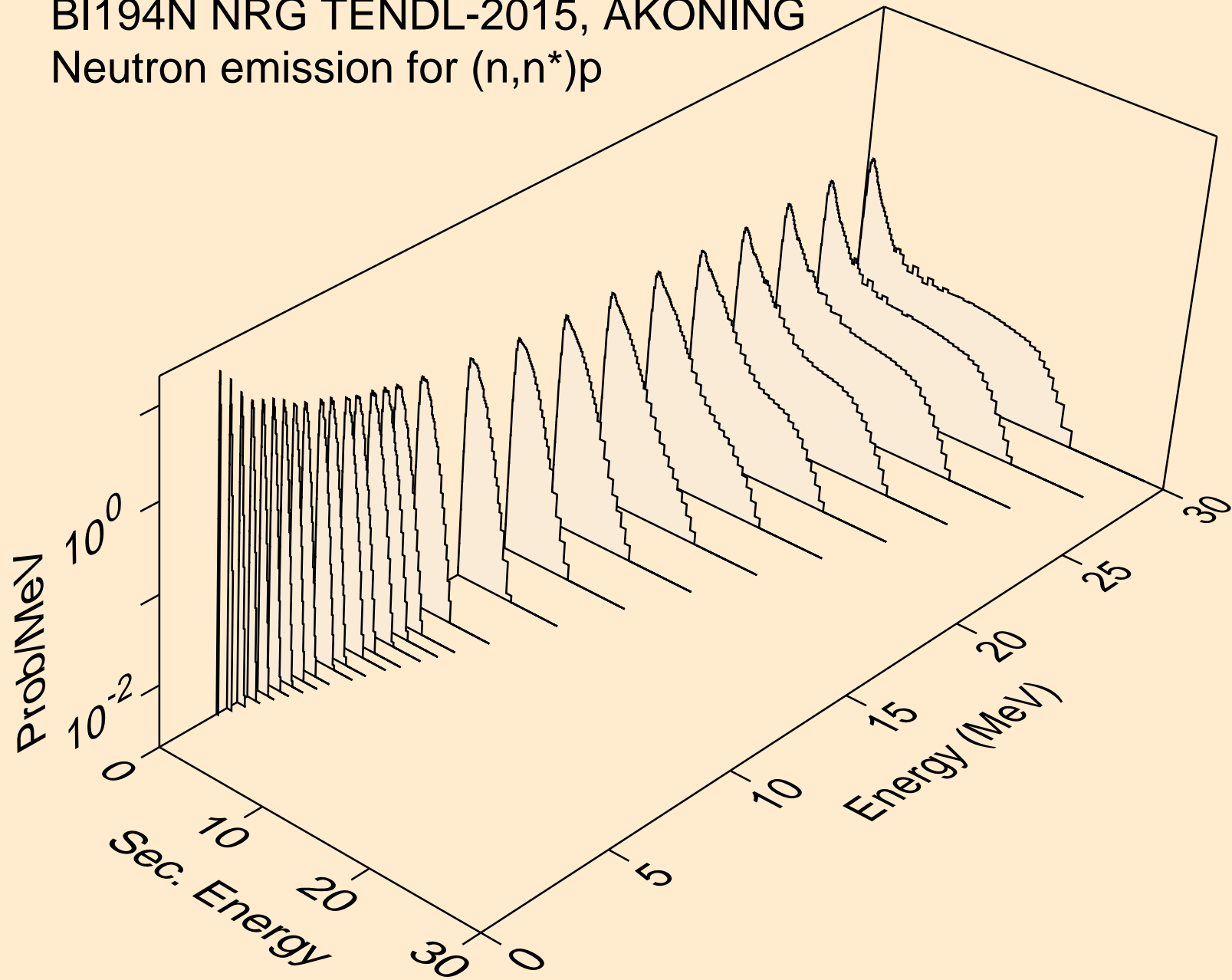
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



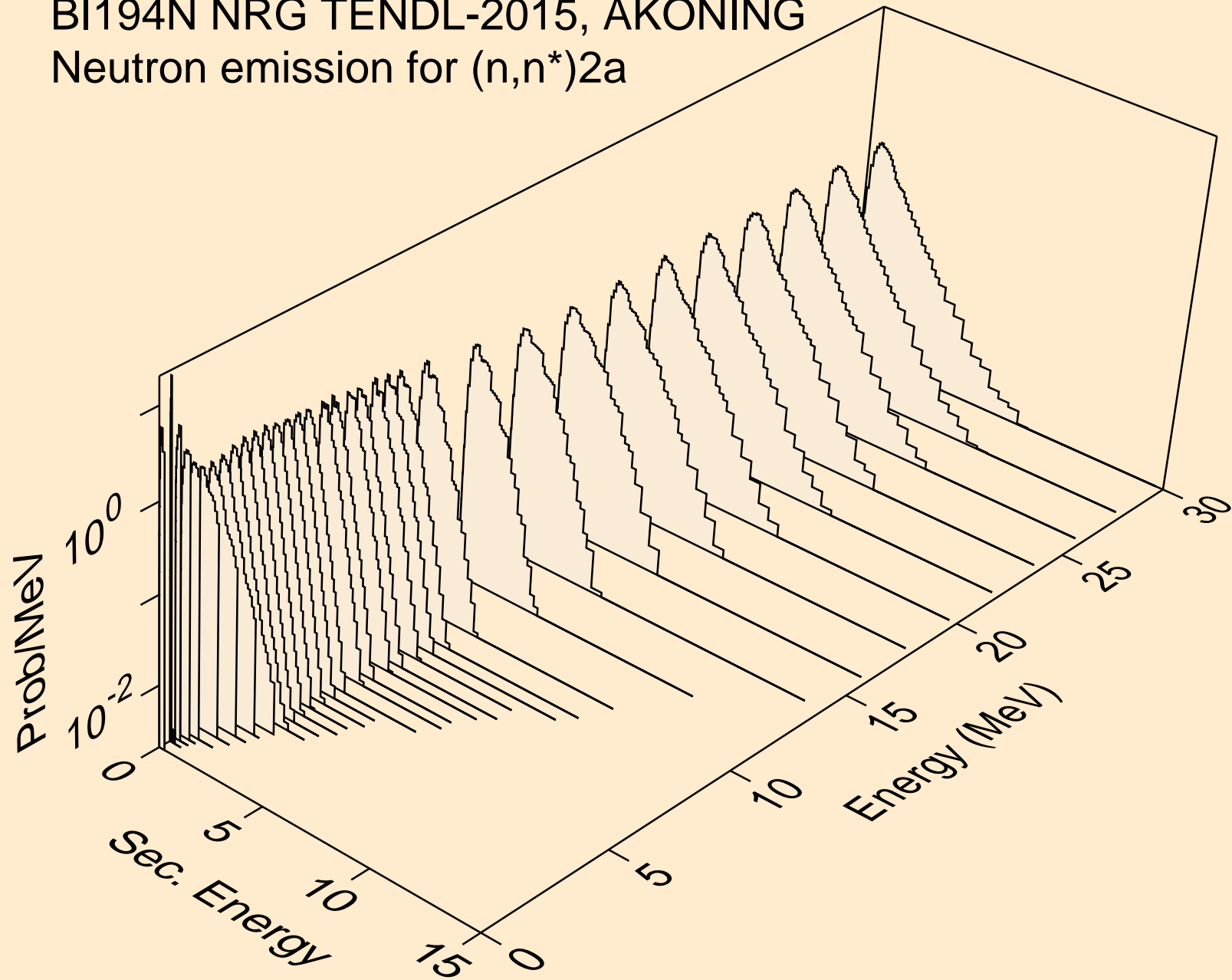
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

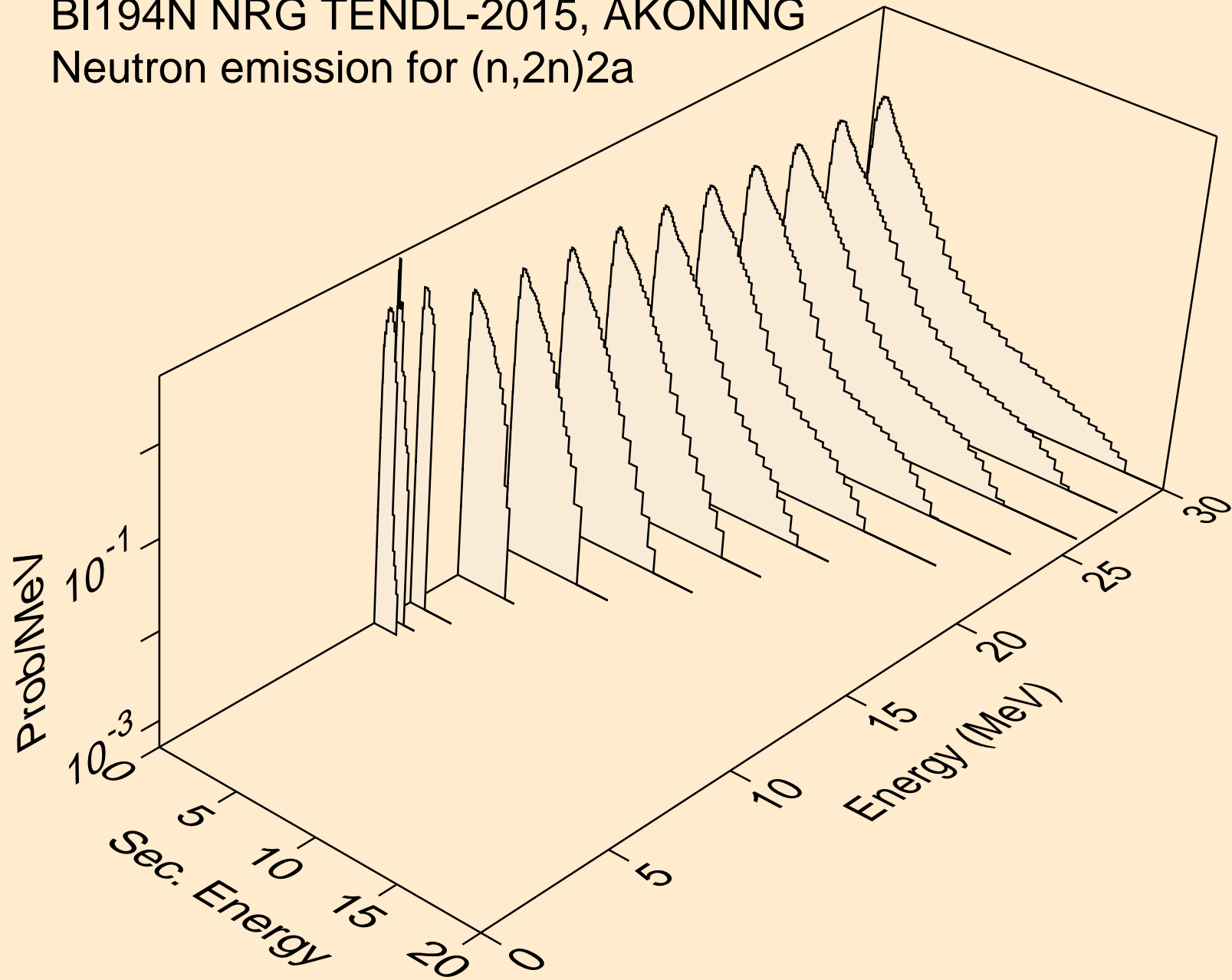


BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

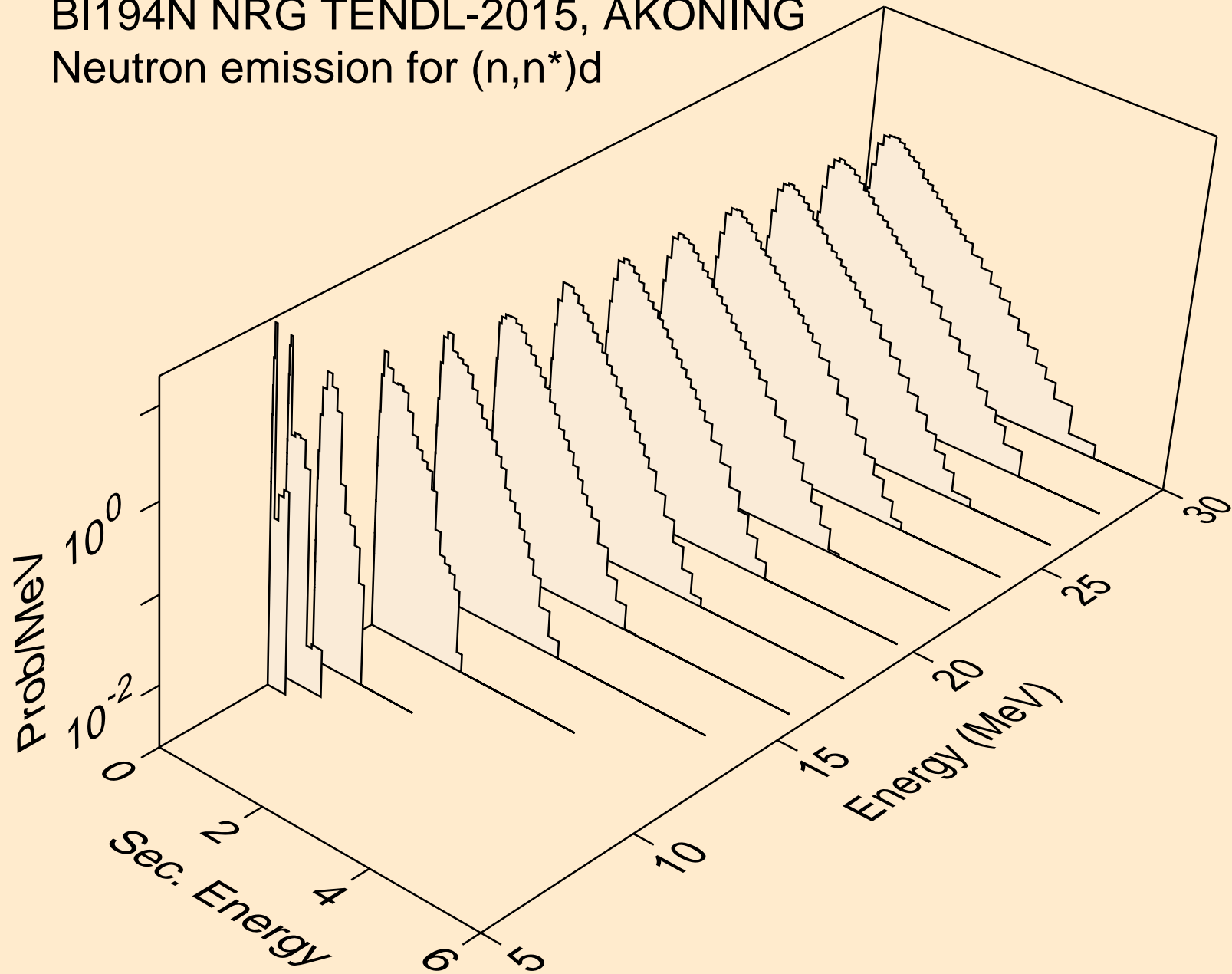




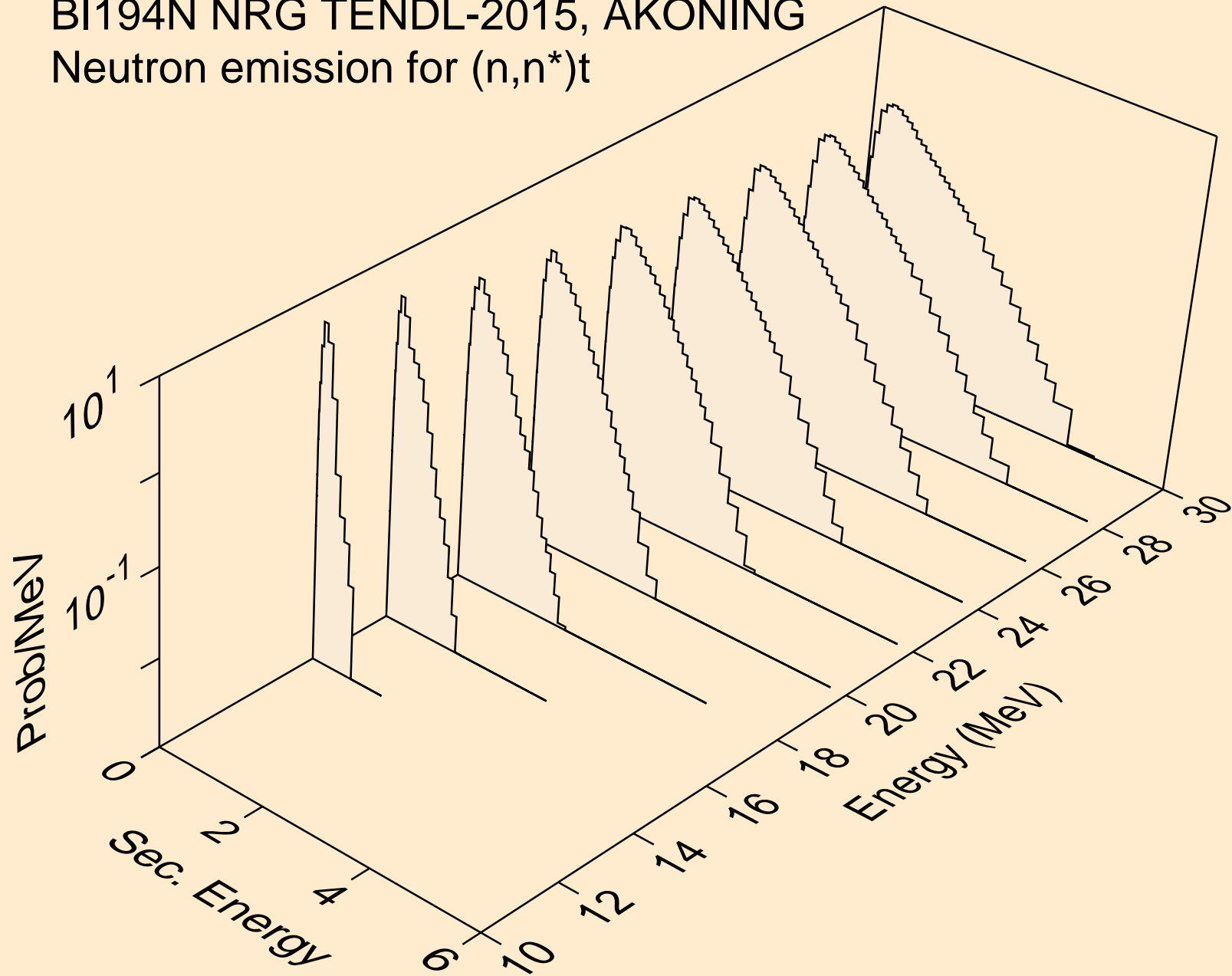
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



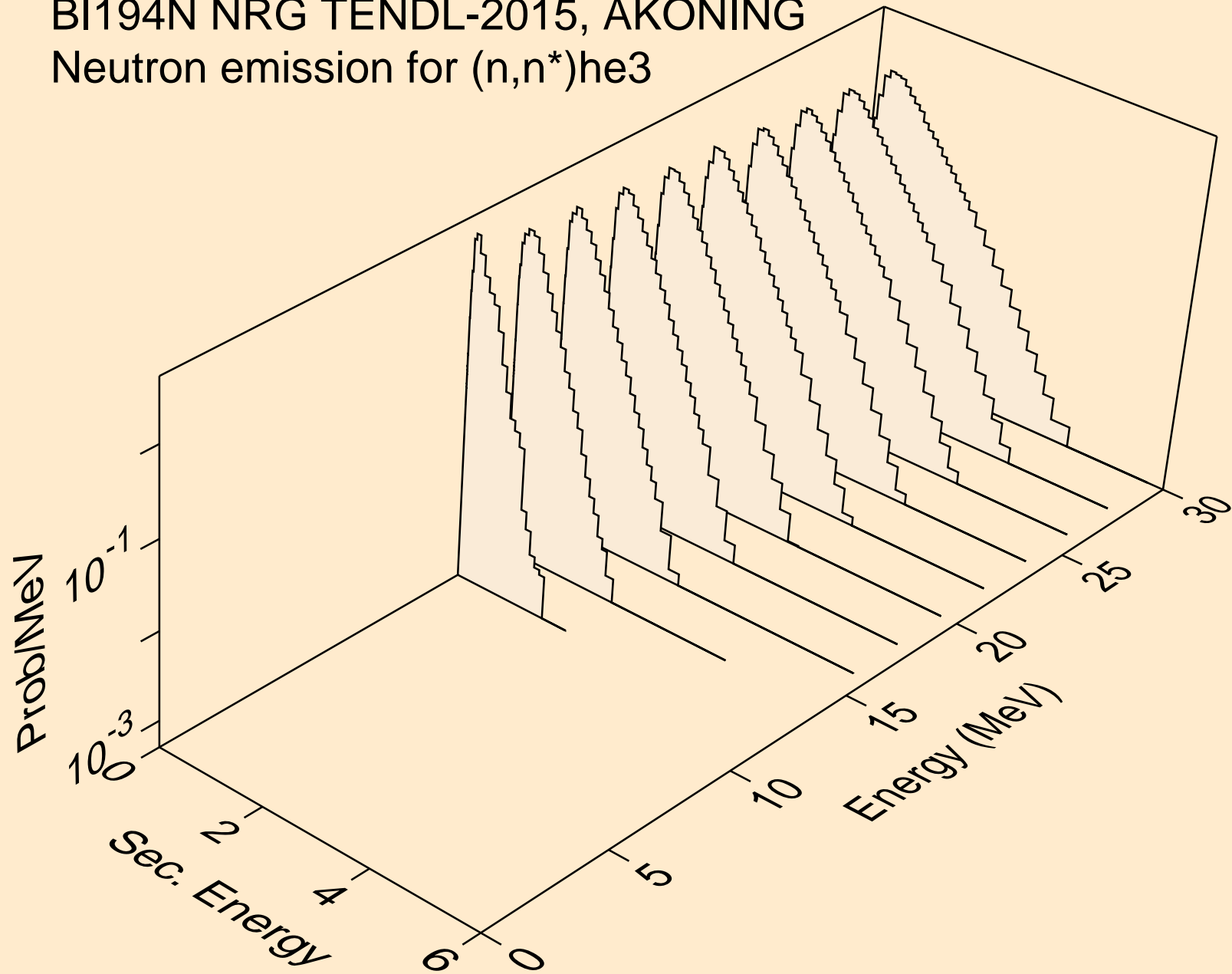
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



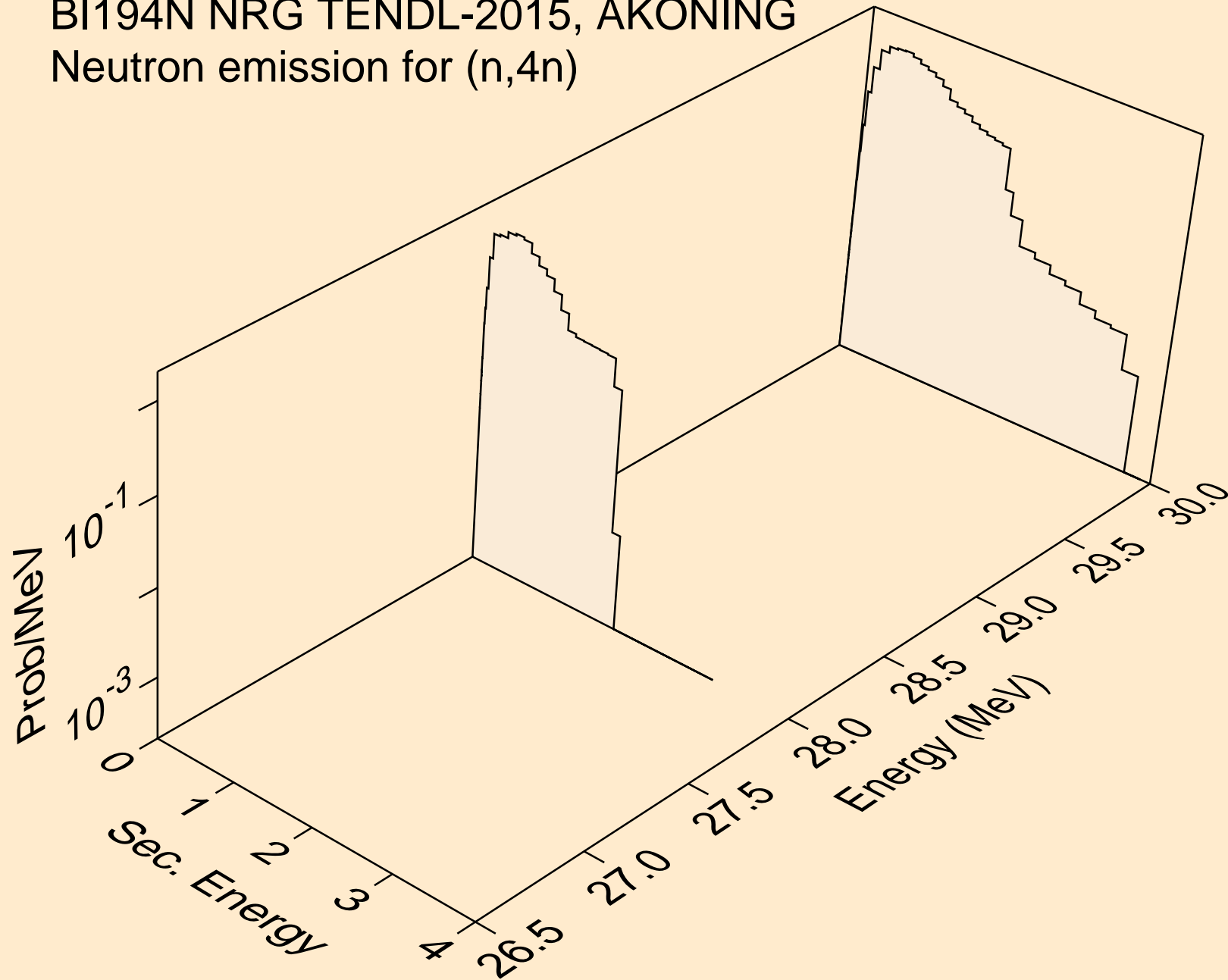
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



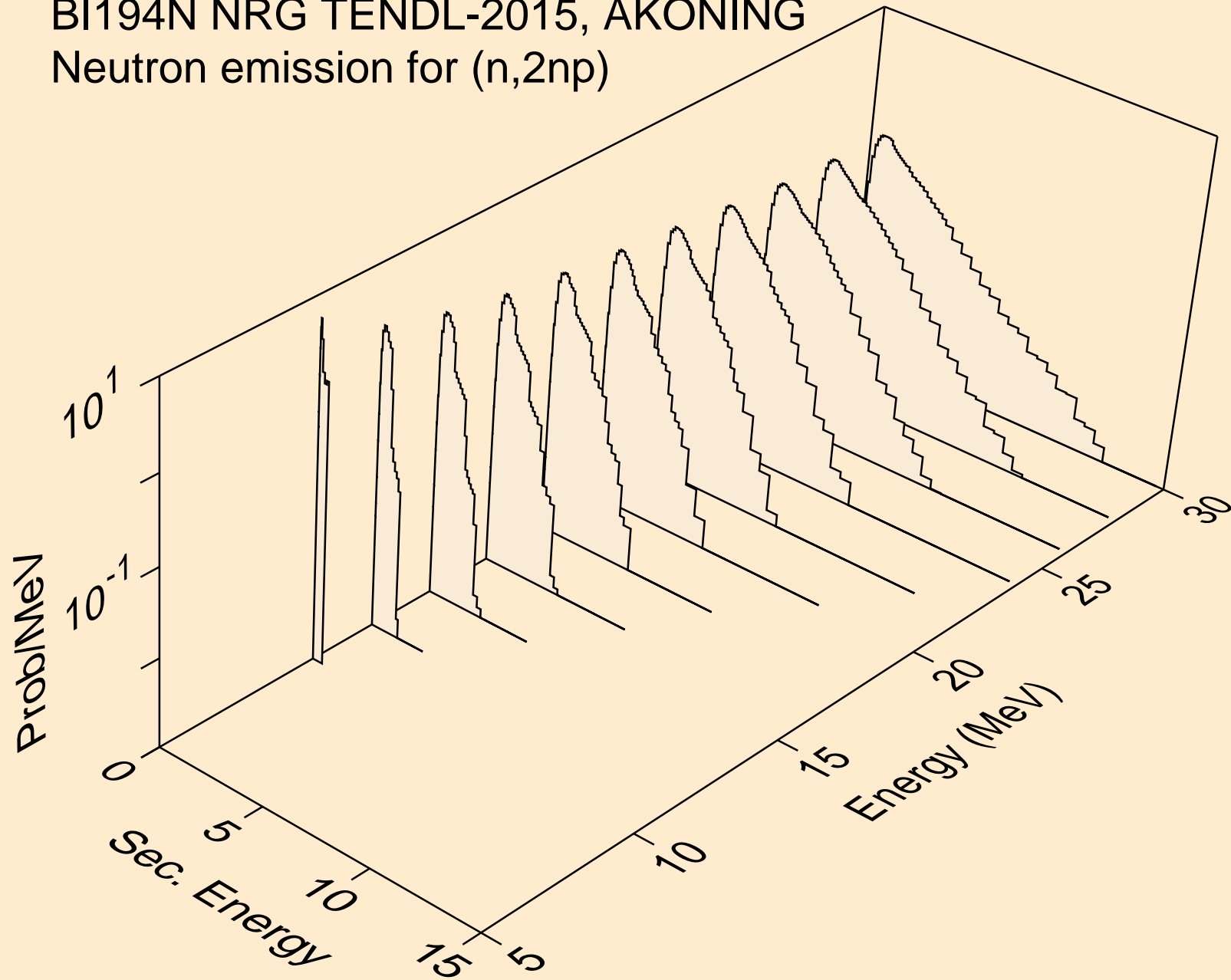
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



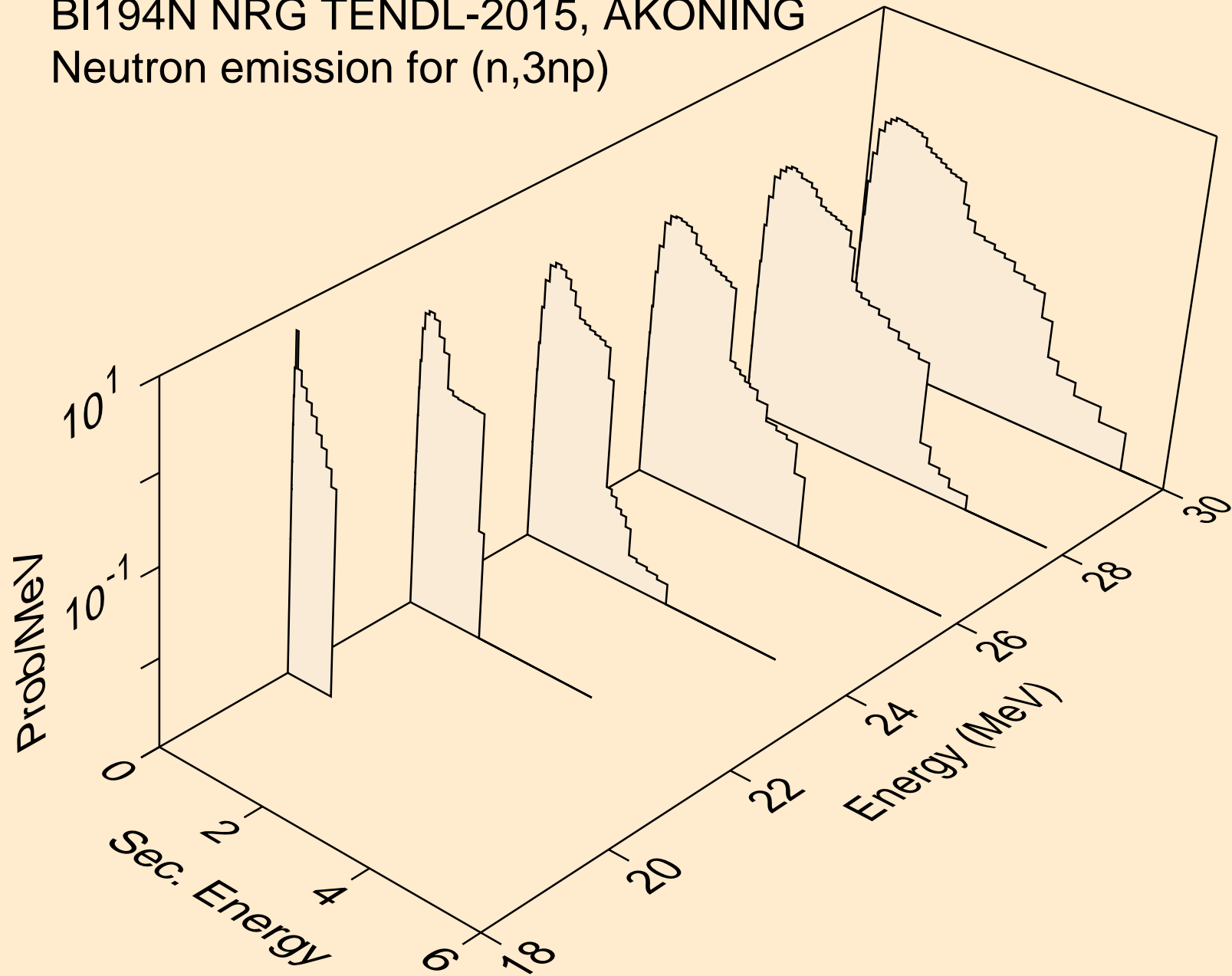
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



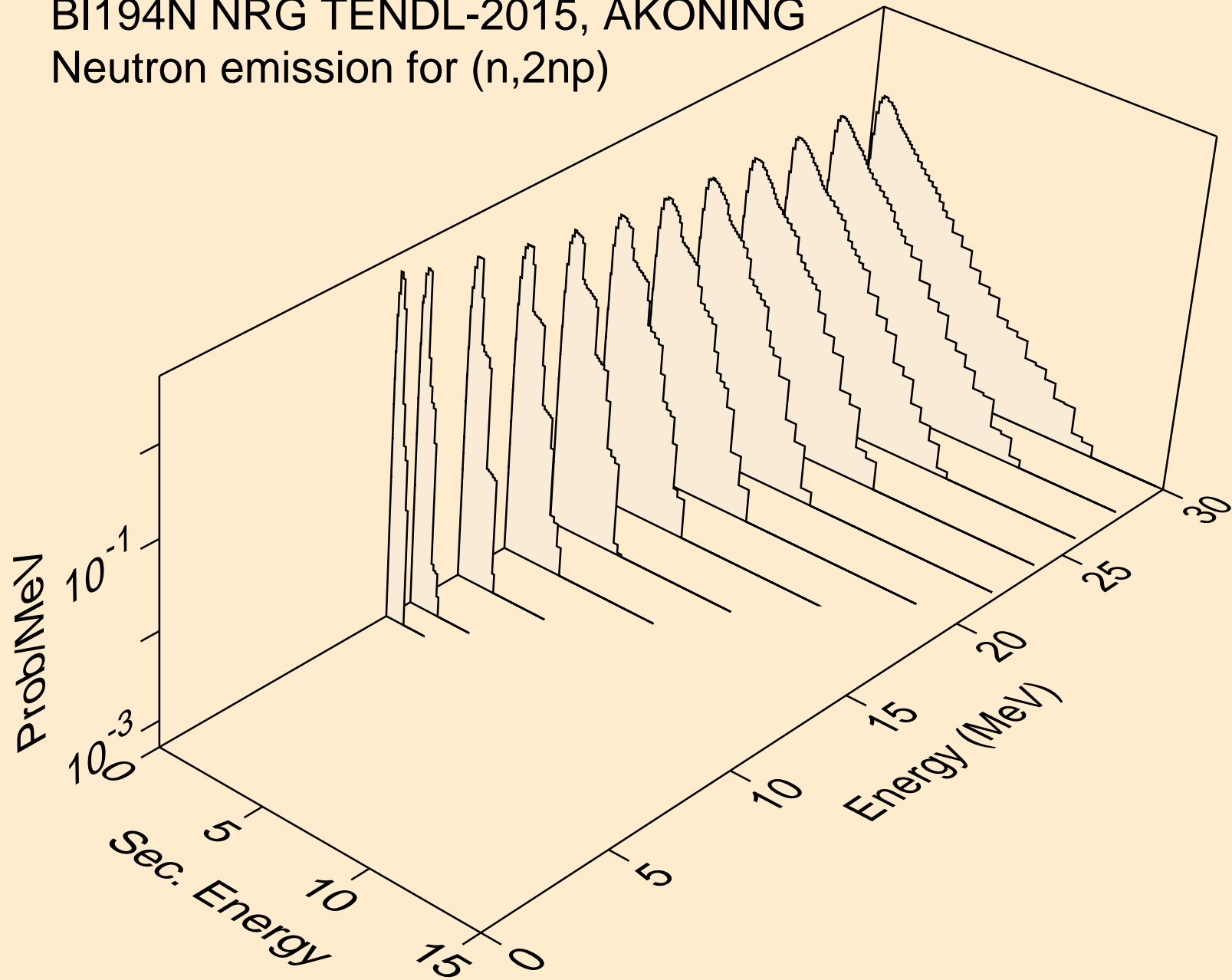
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

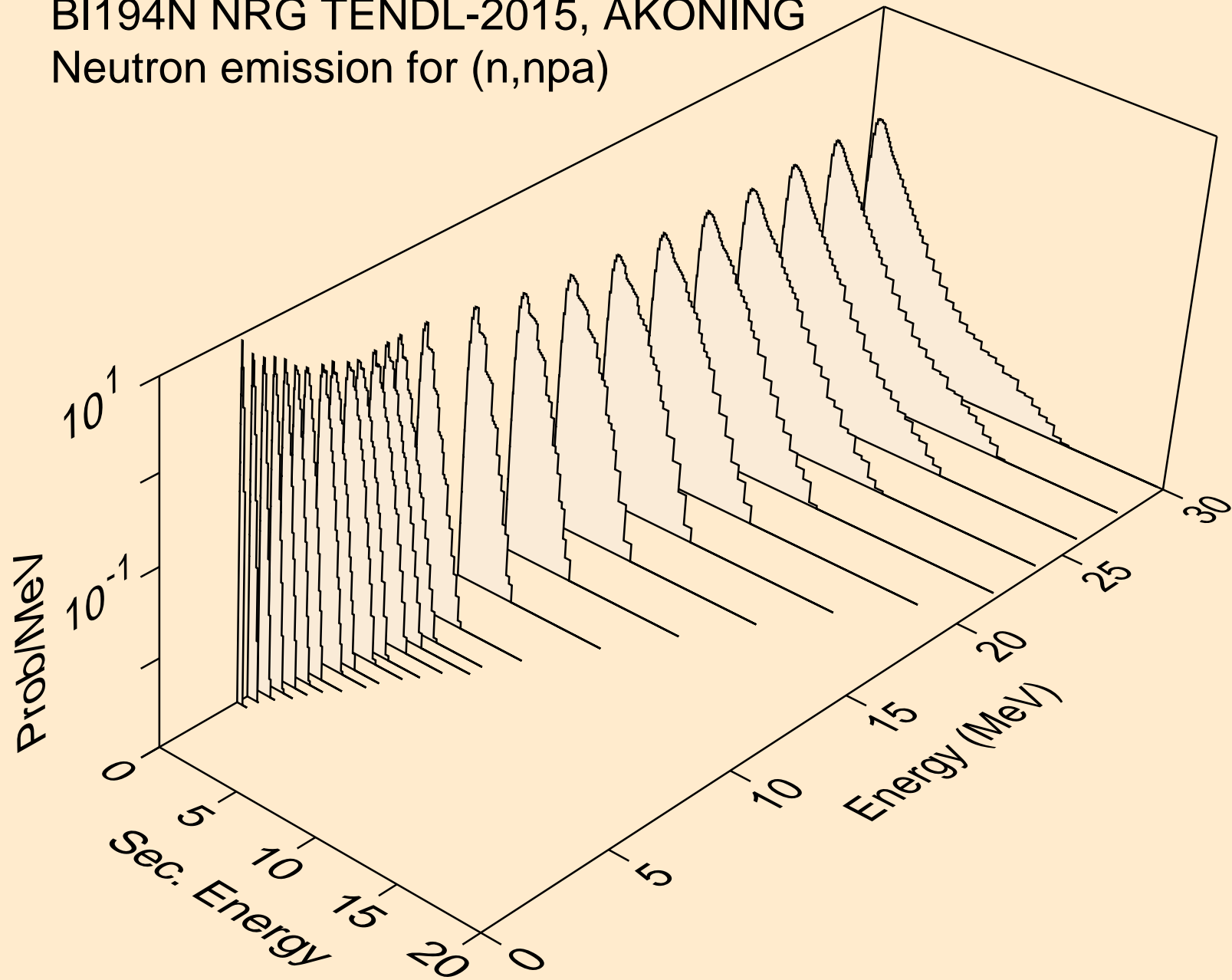


BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

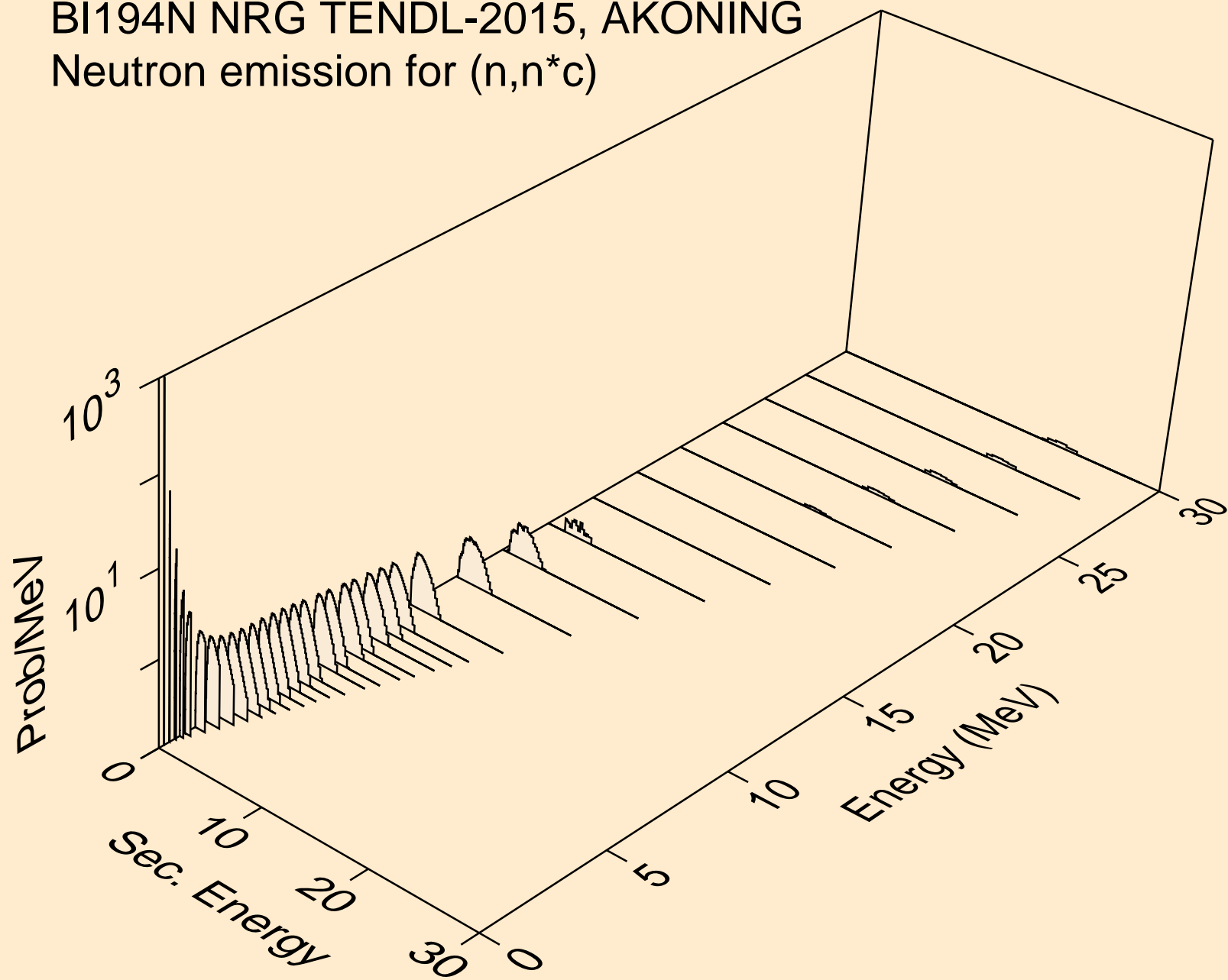




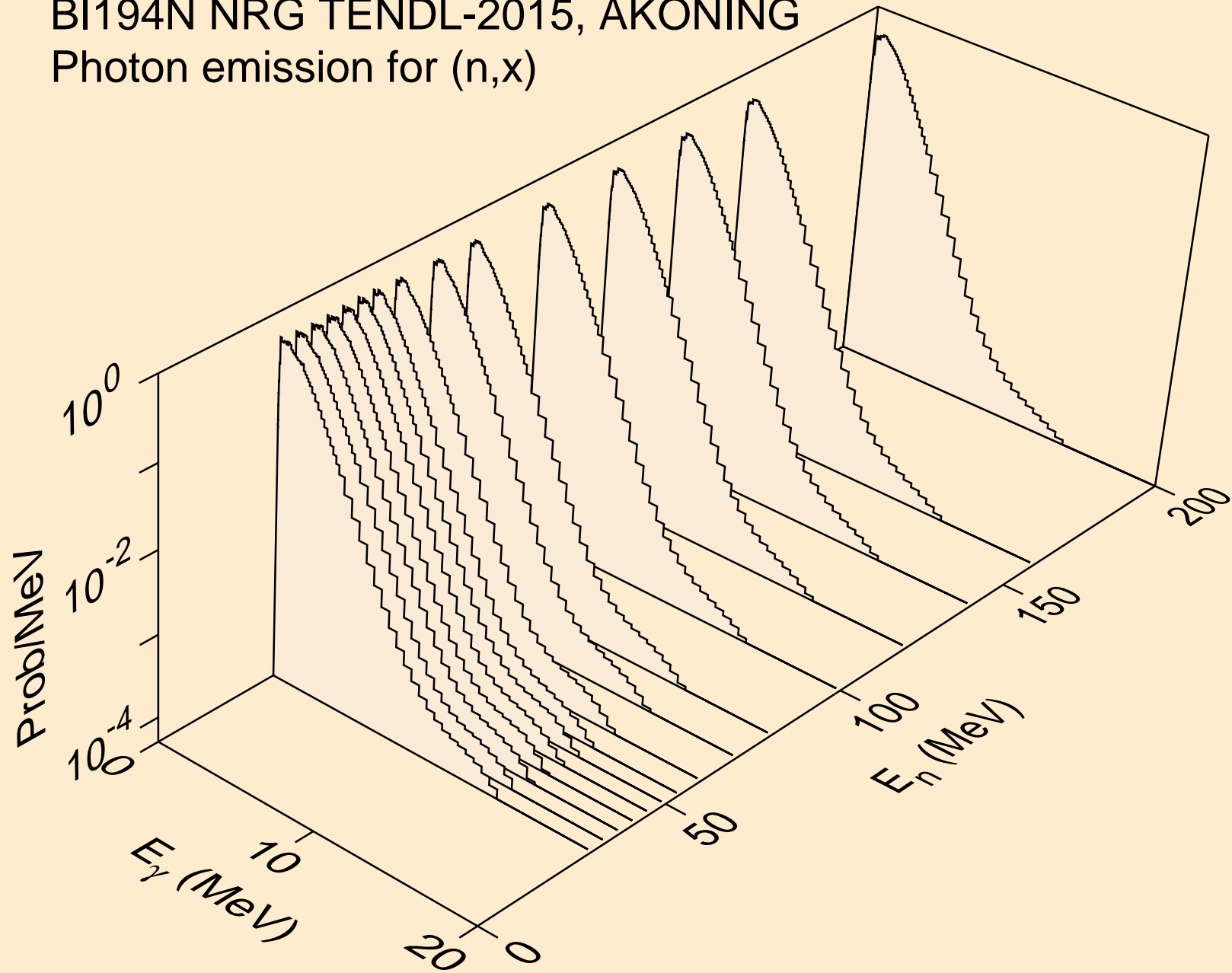
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



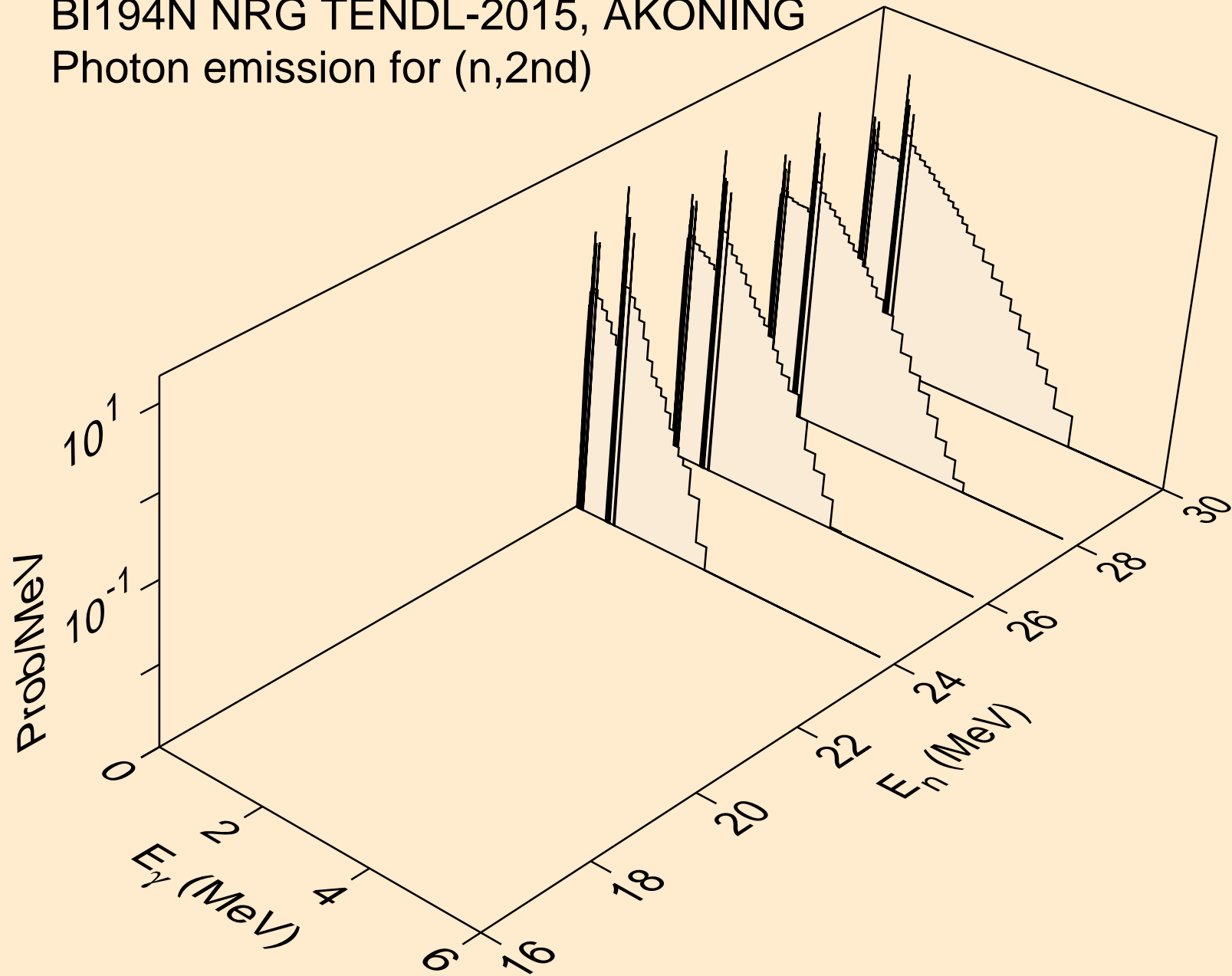
BI194N NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



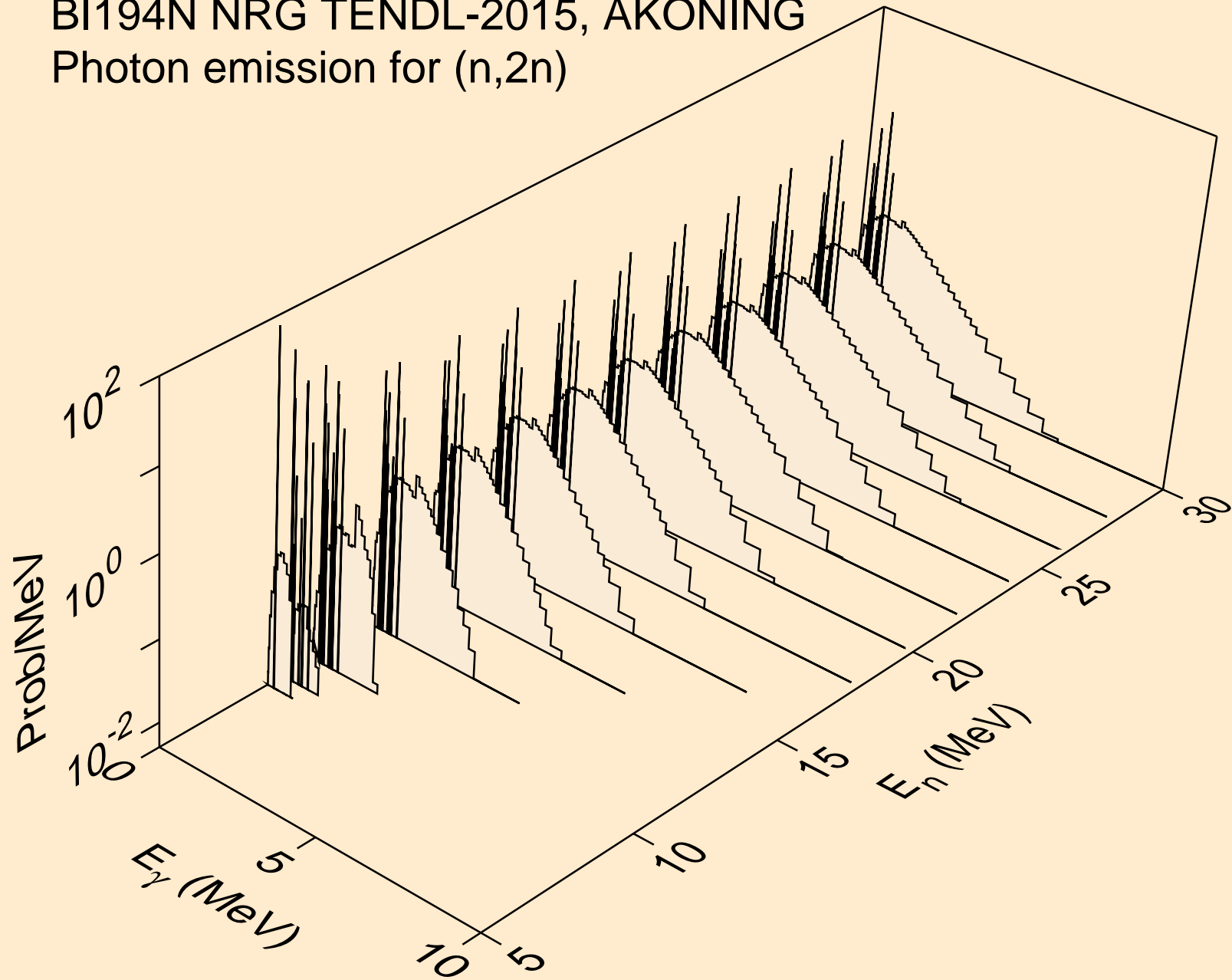
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,x)



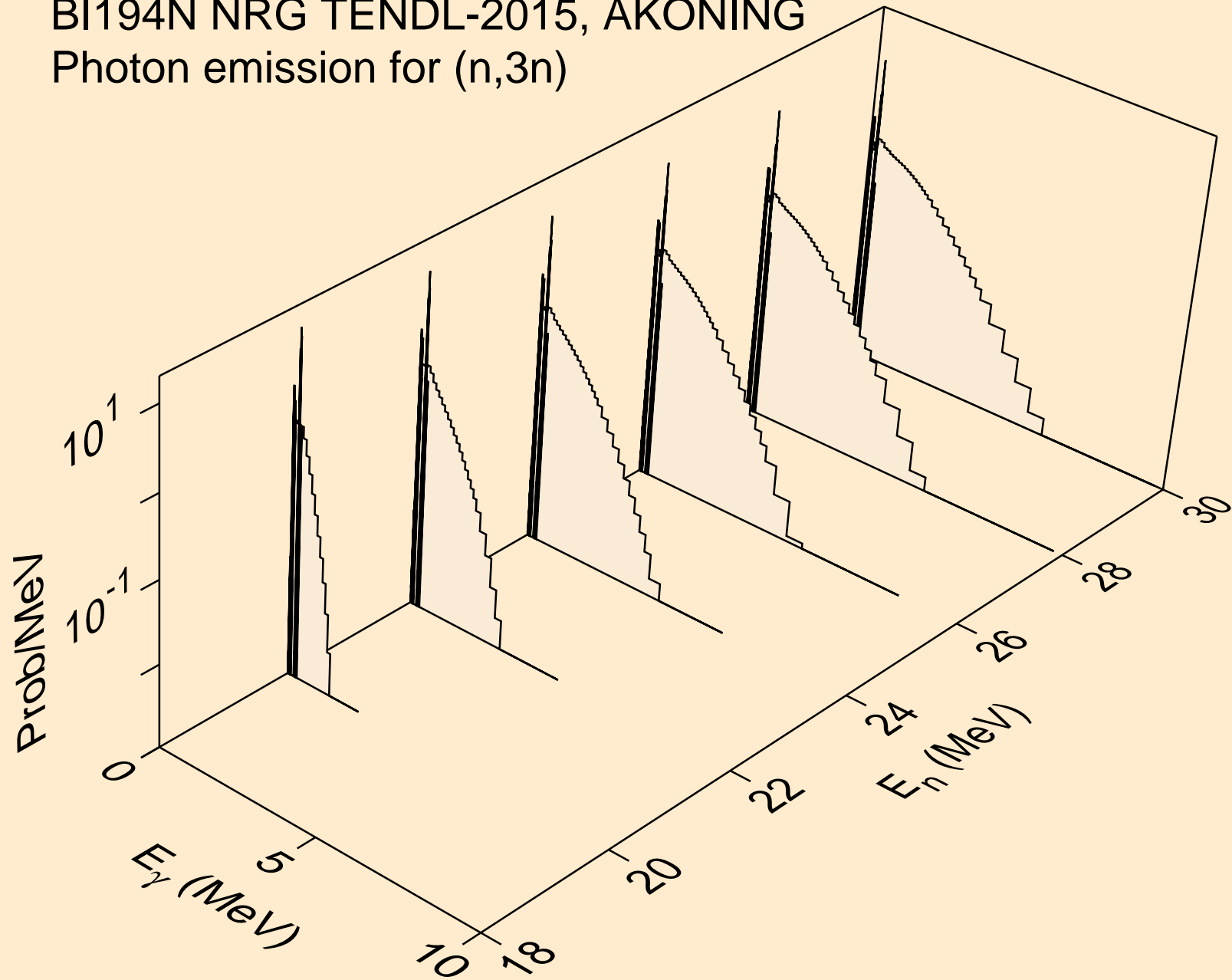
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Photon emission for (n,2nd)



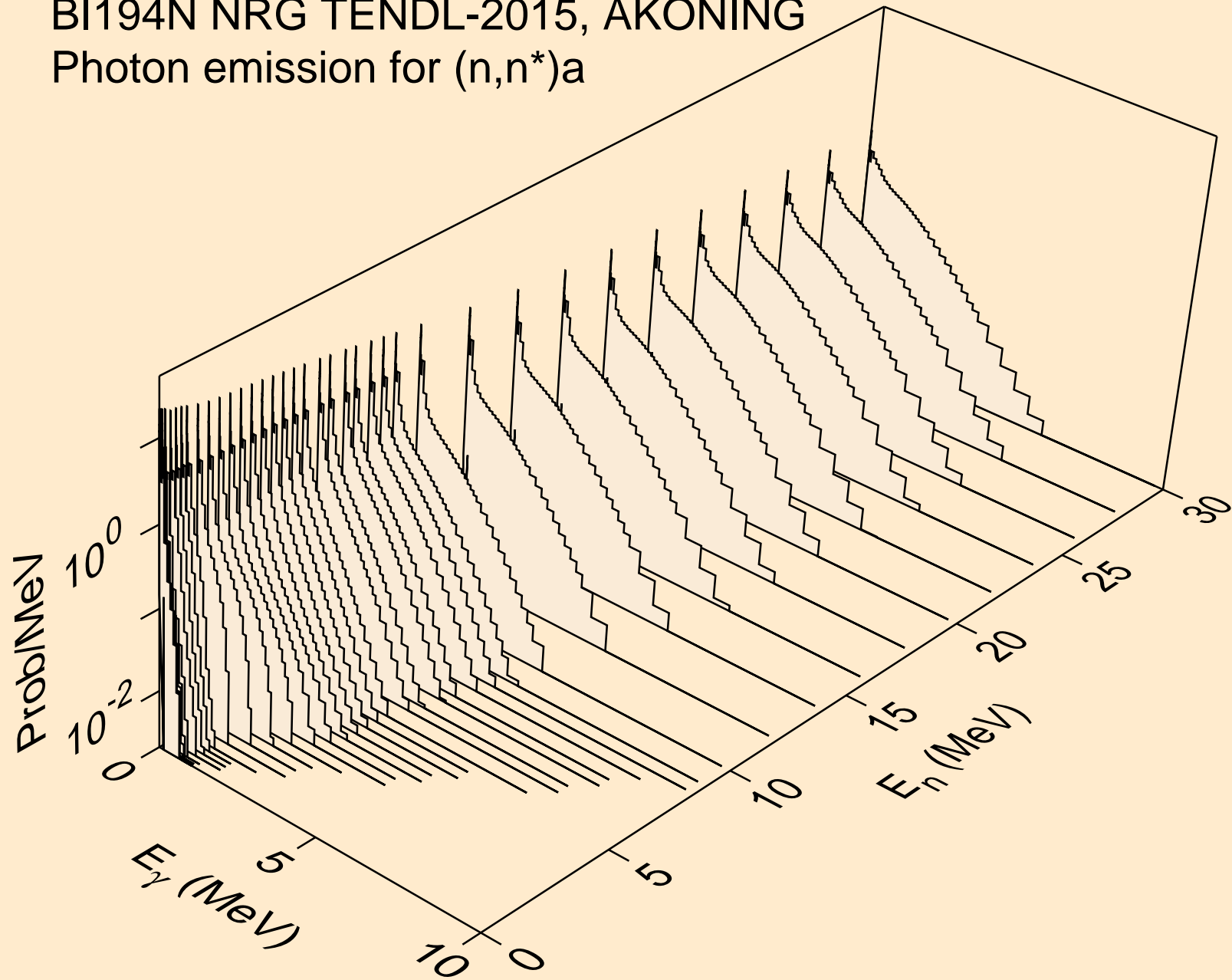
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Photon emission for (n,2n)



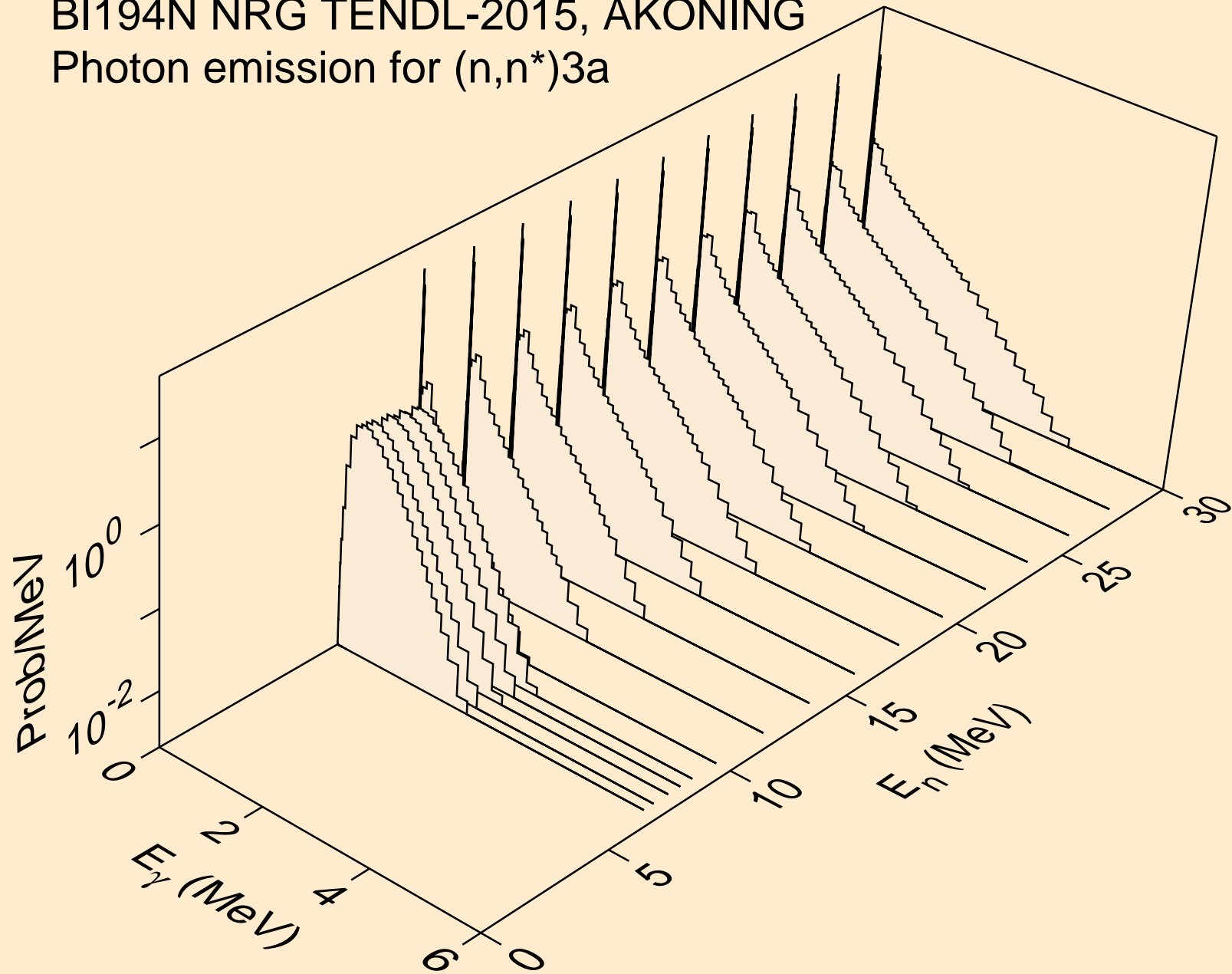
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

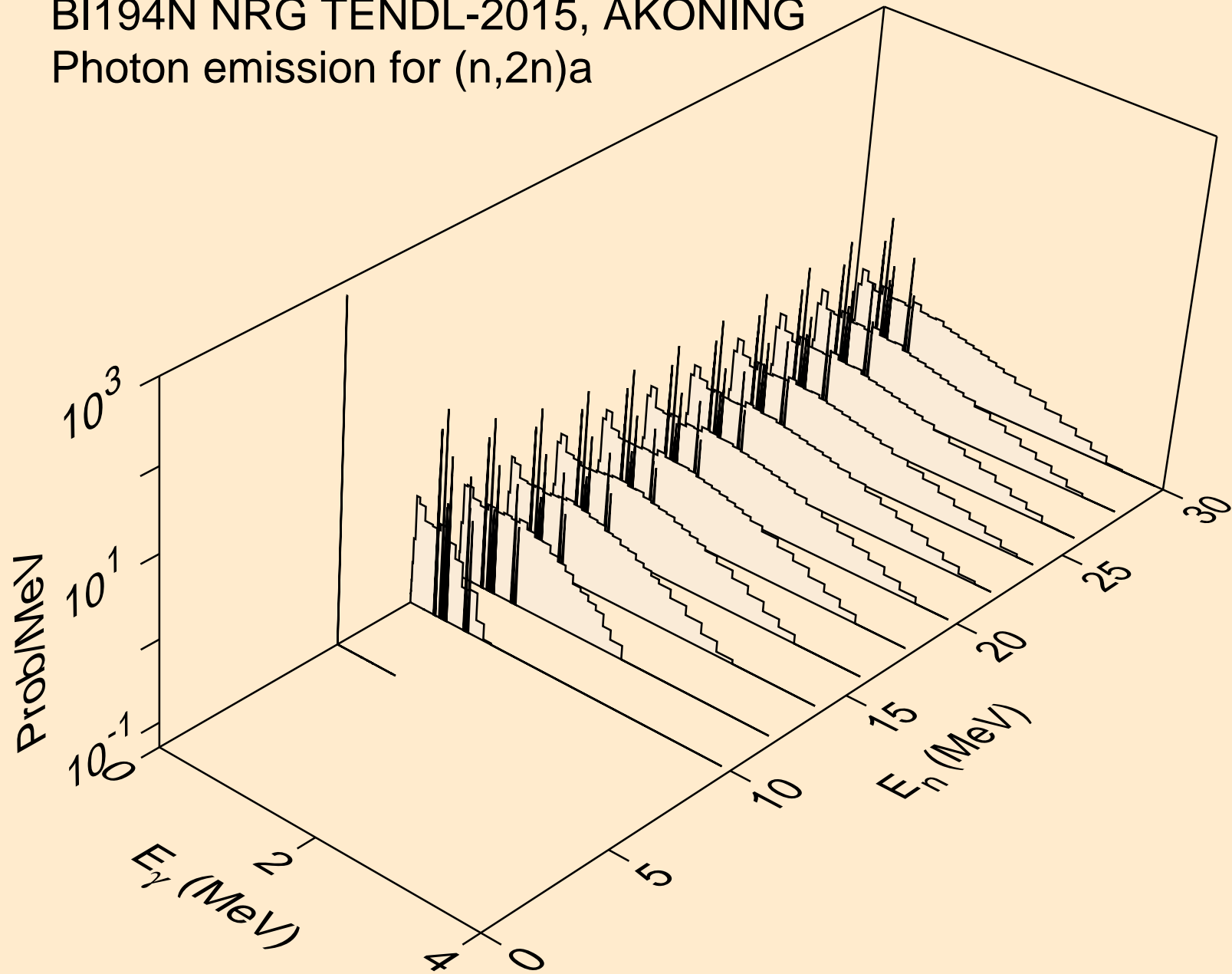


BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

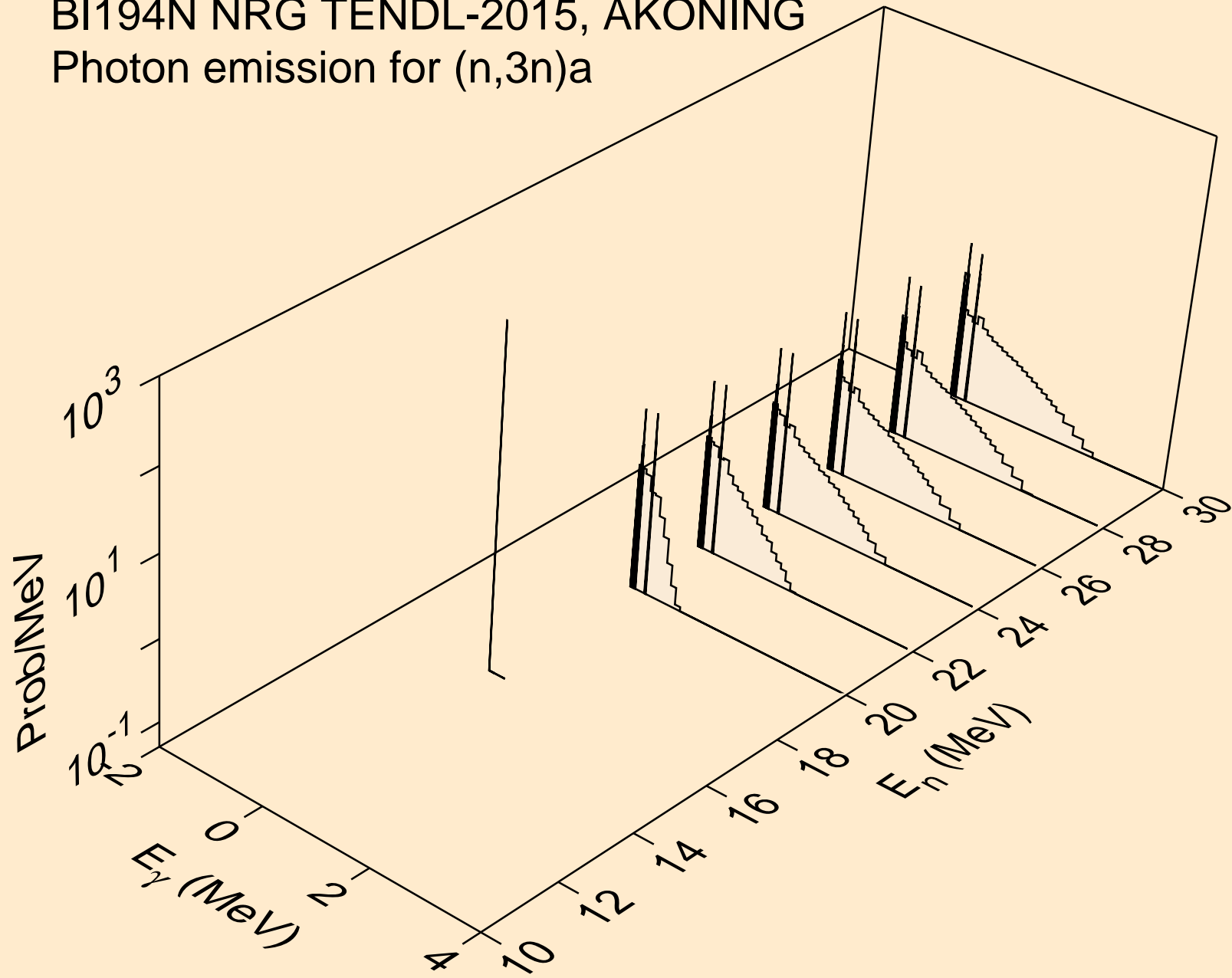




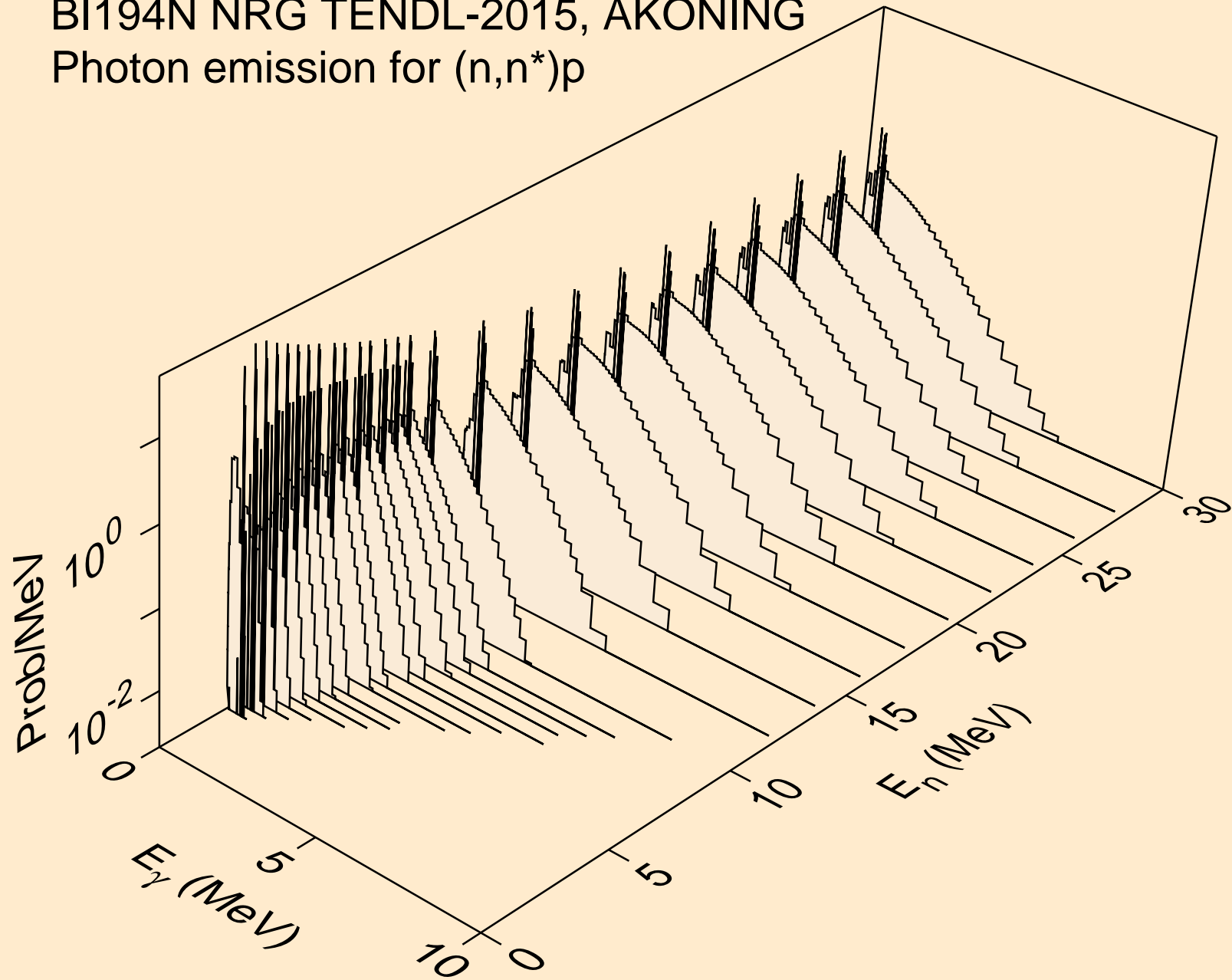
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



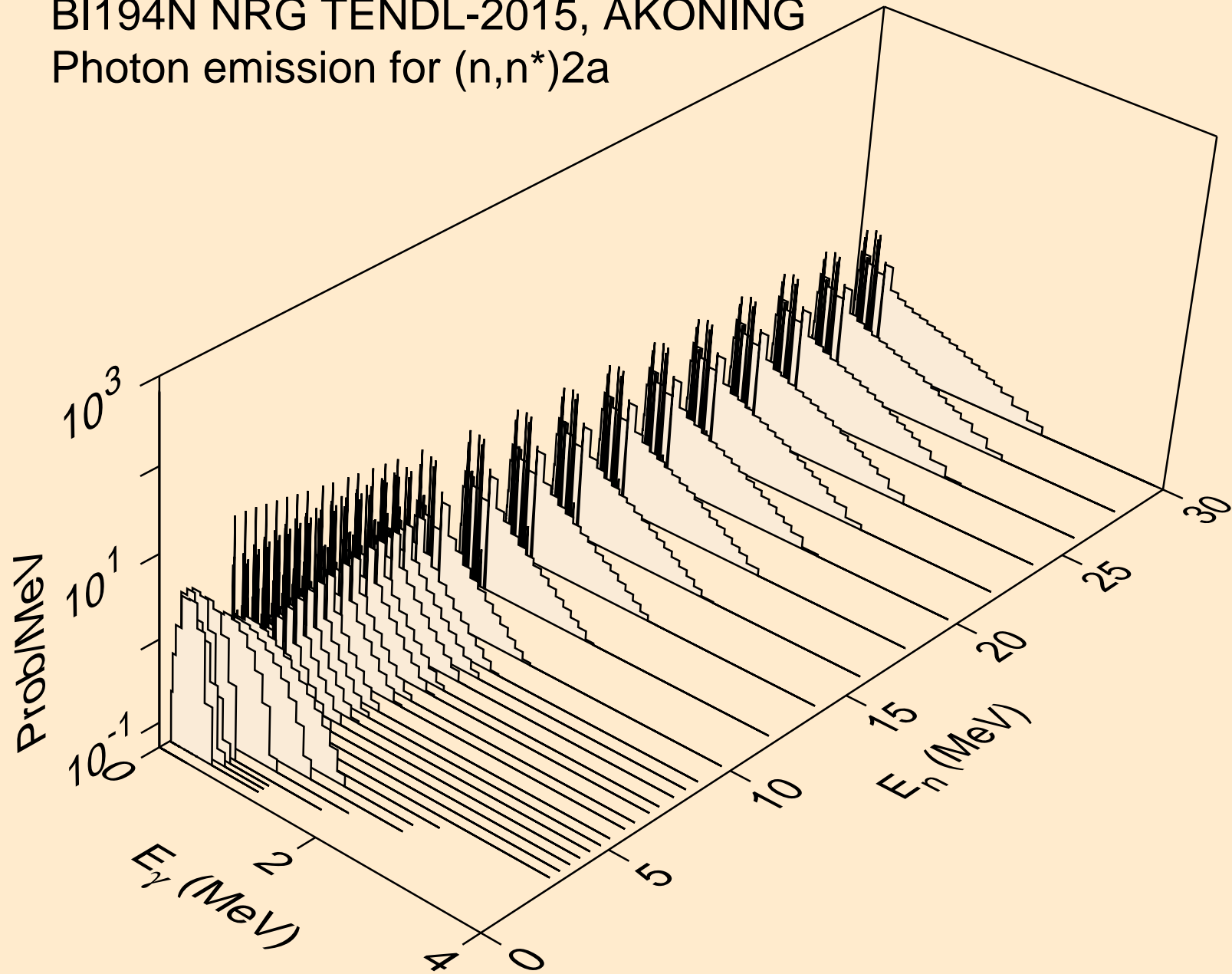
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



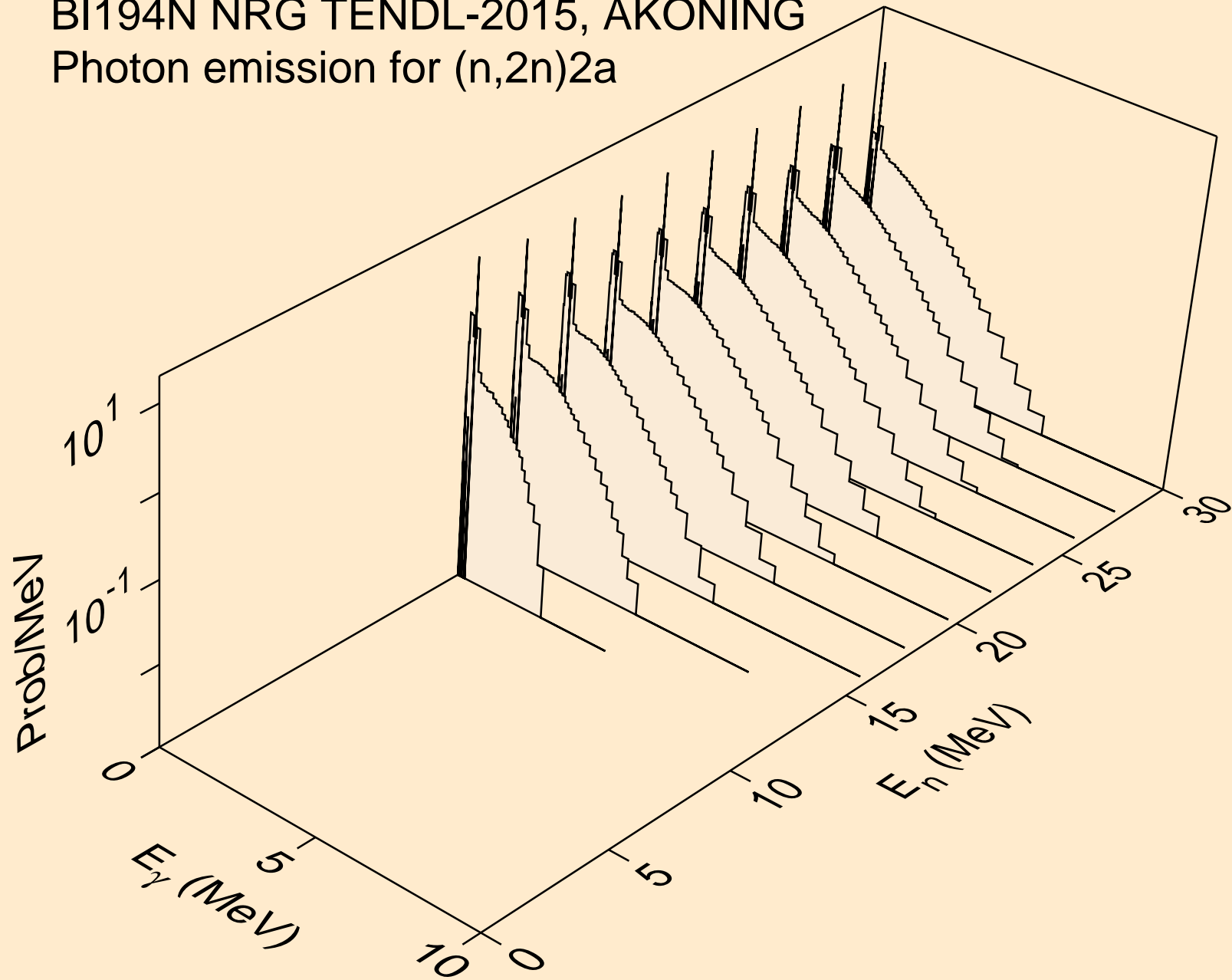
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



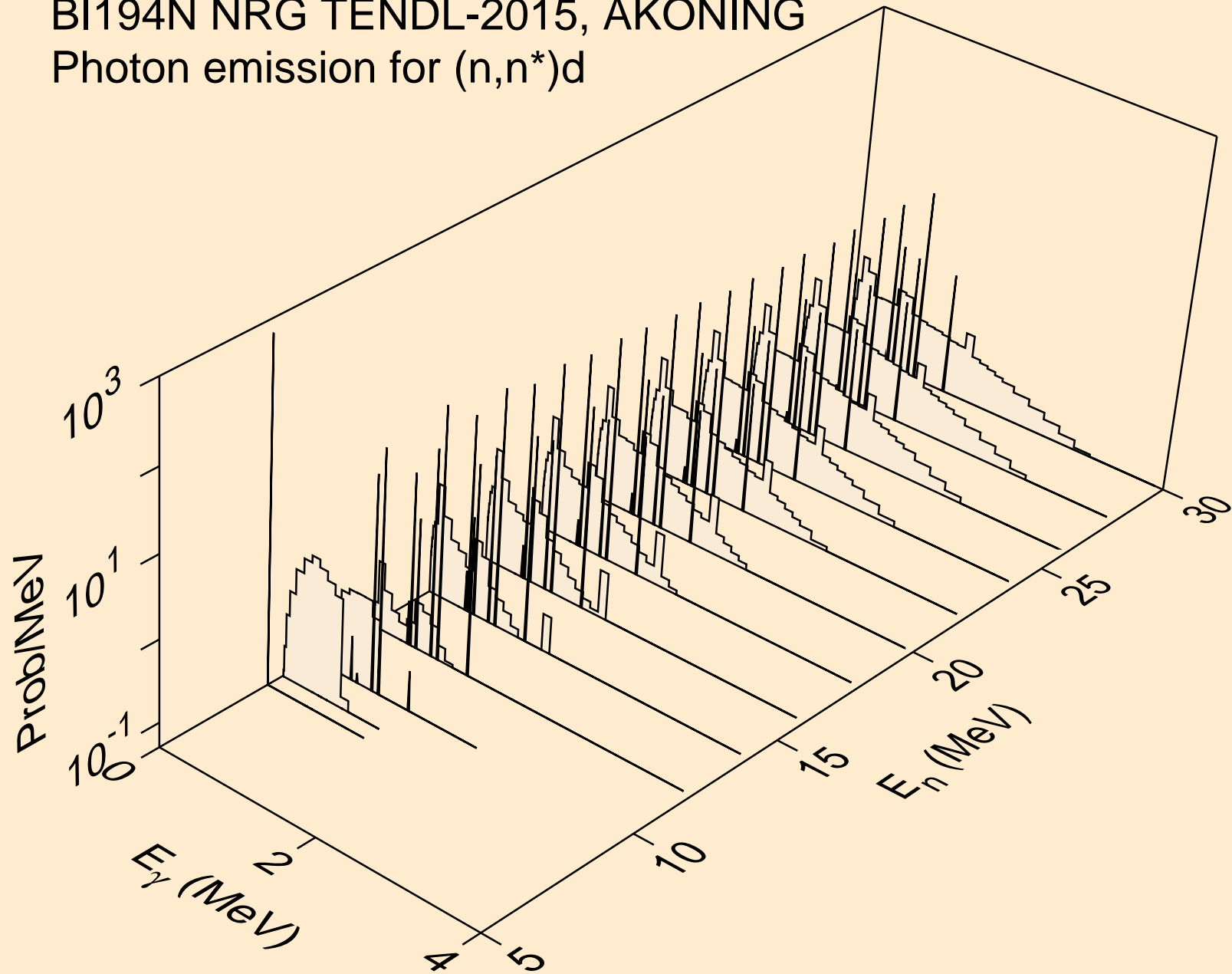
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Photon emission for (n,n\*)2a



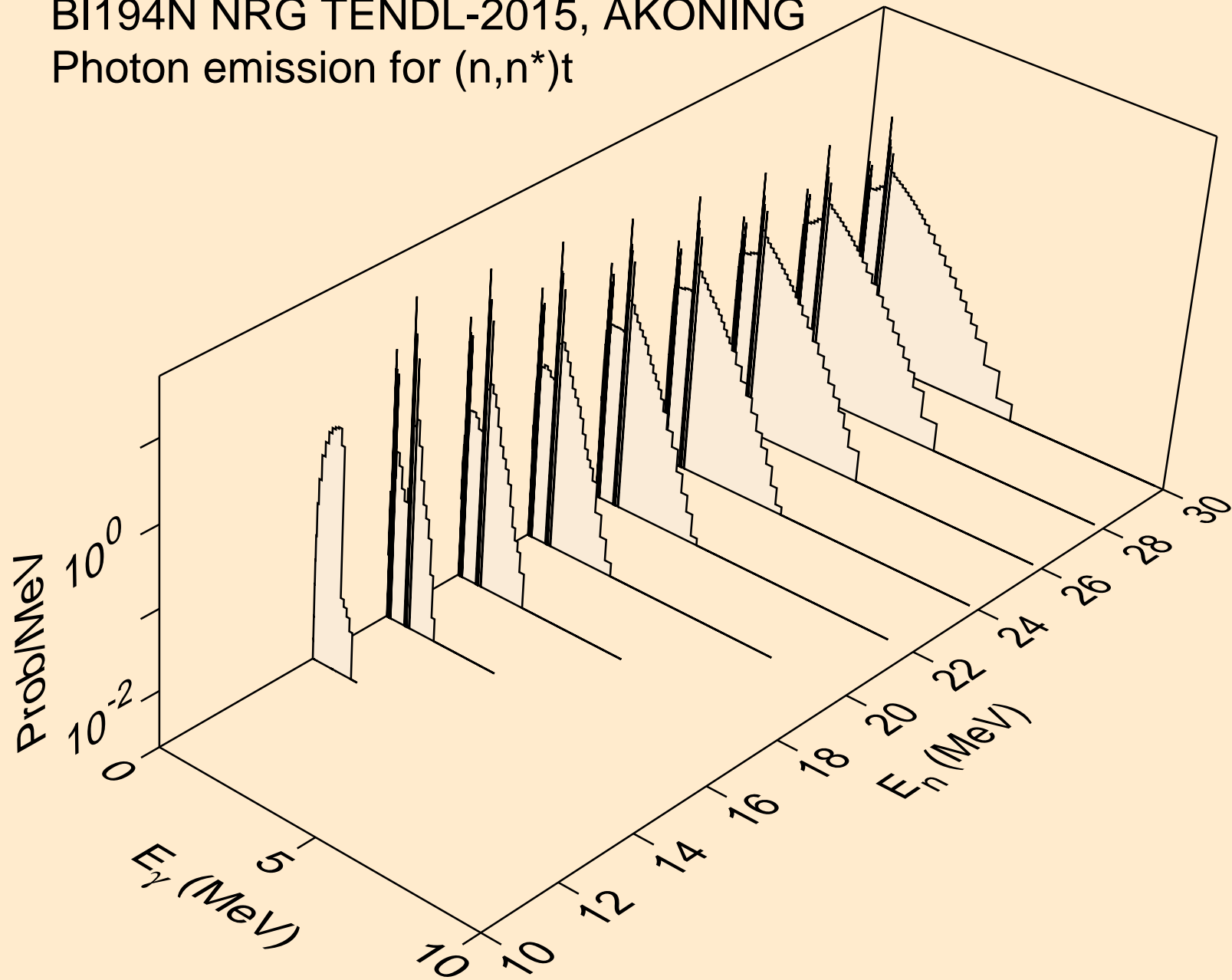
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Photon emission for (n,2n)2a



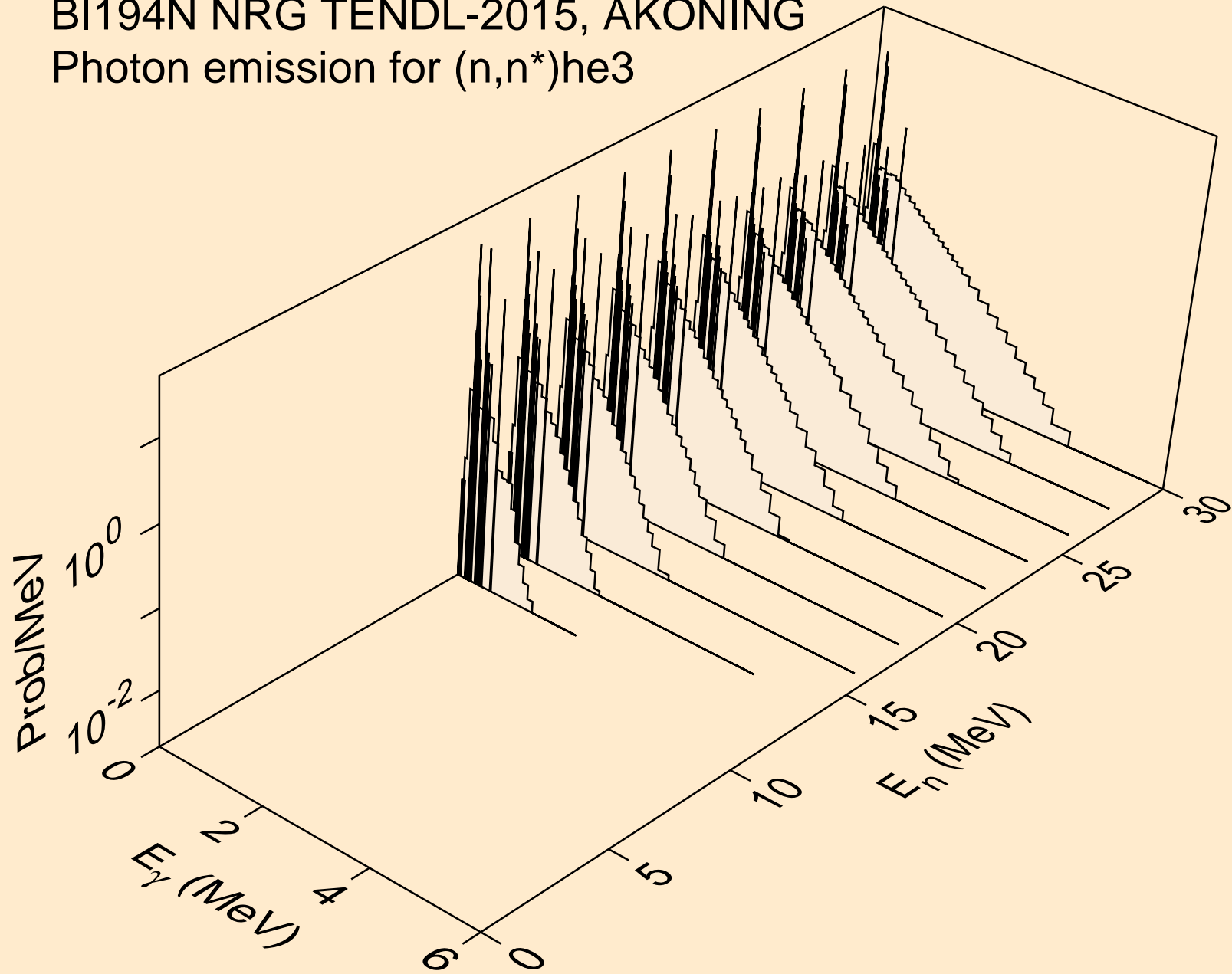
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

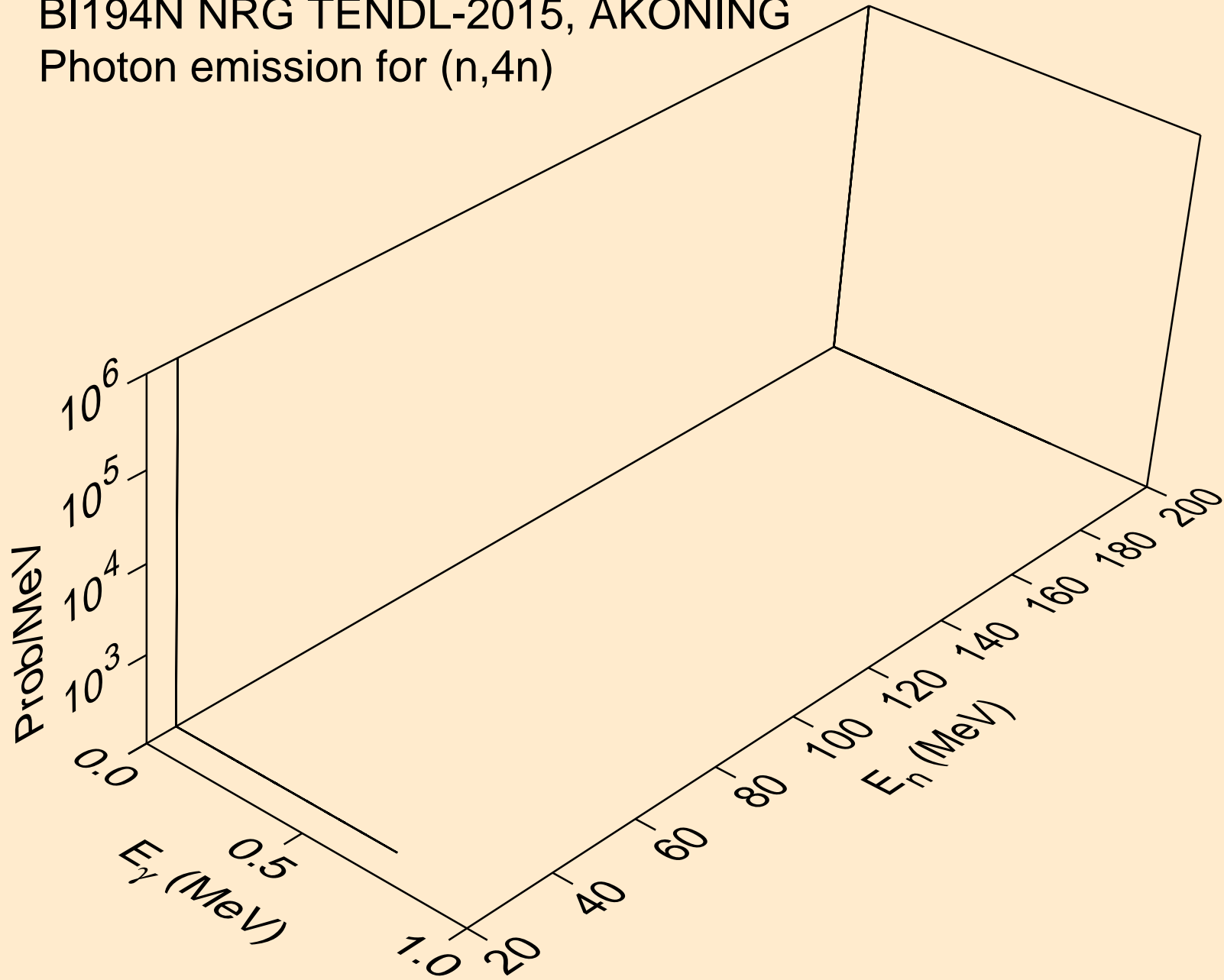


BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

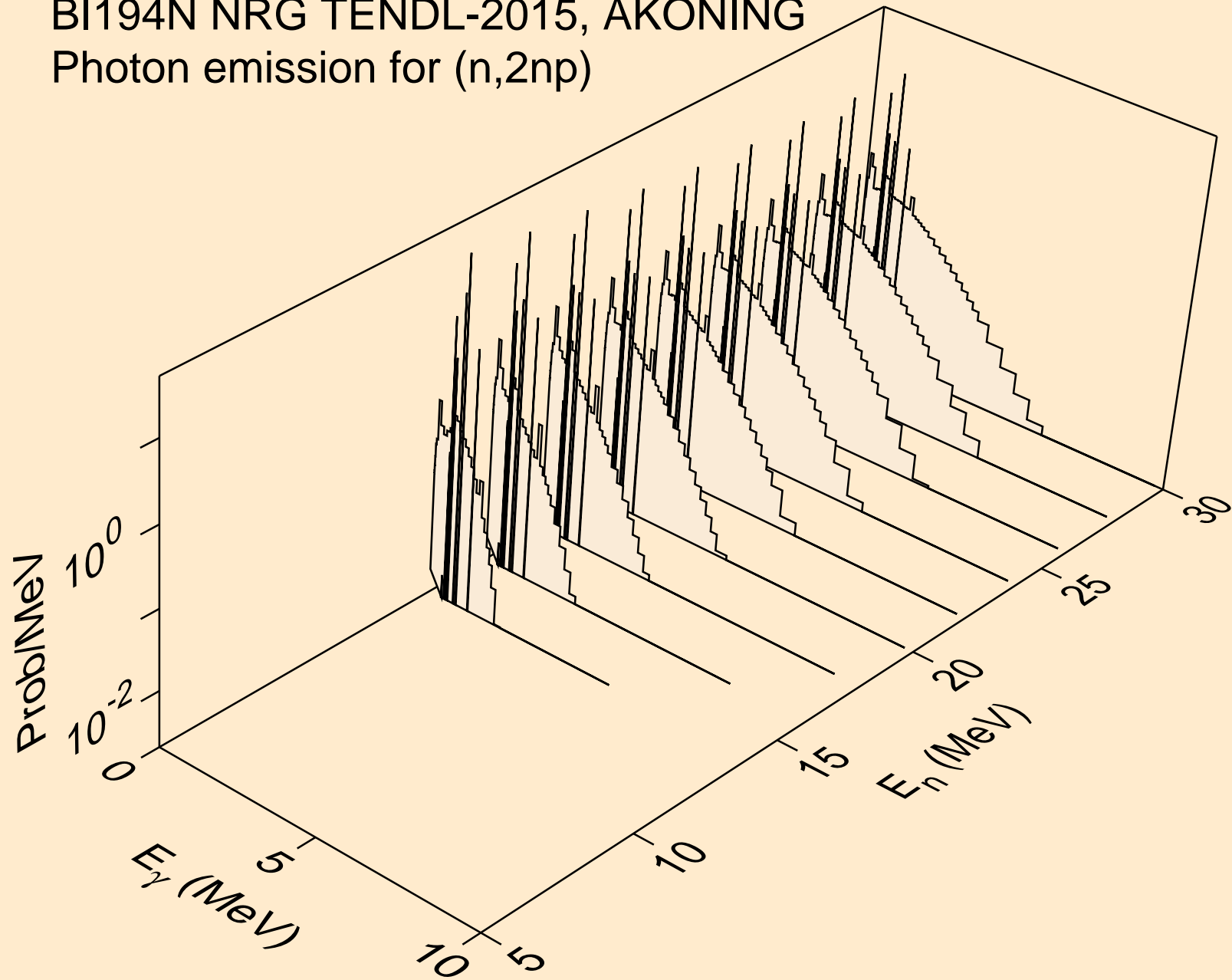




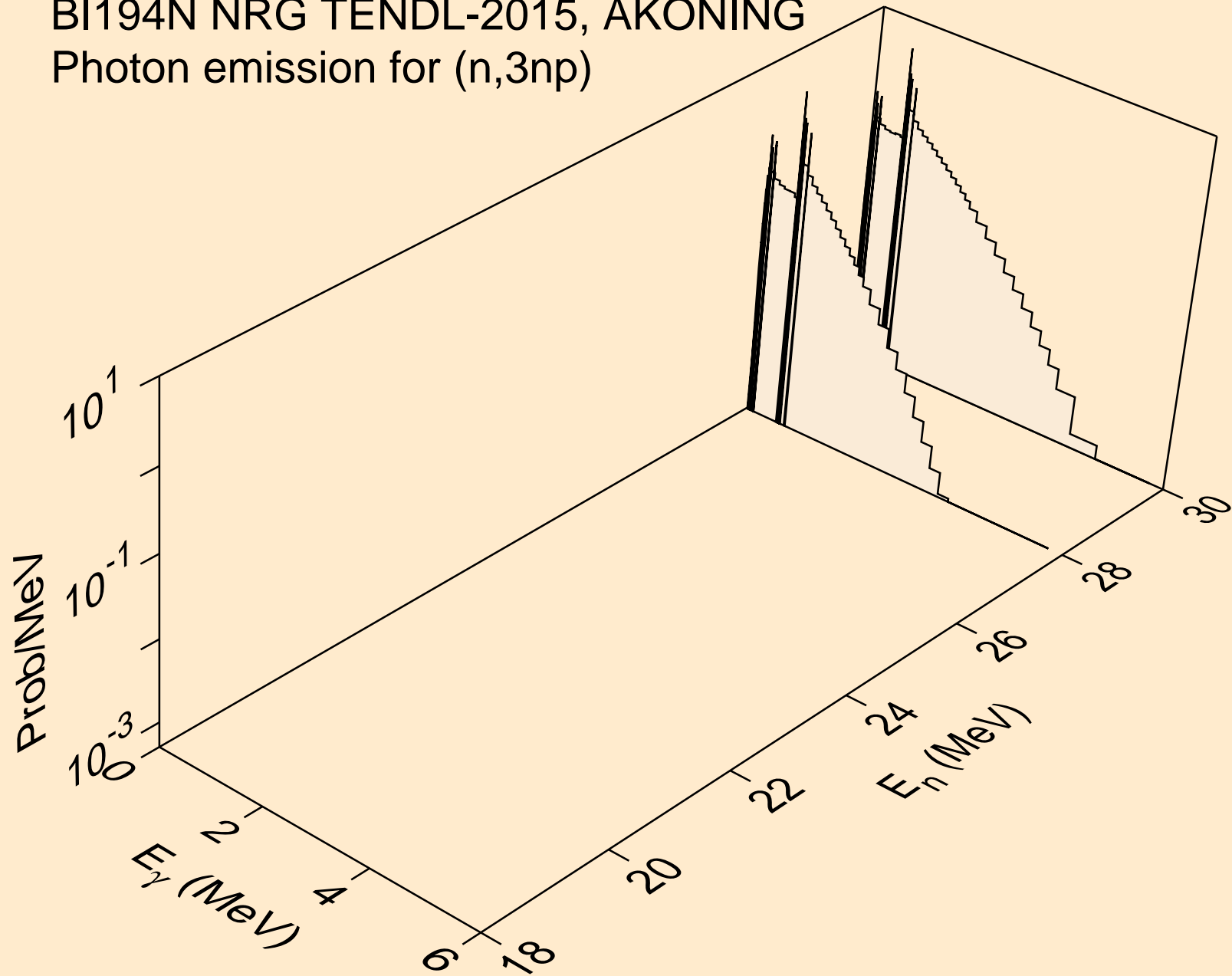
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



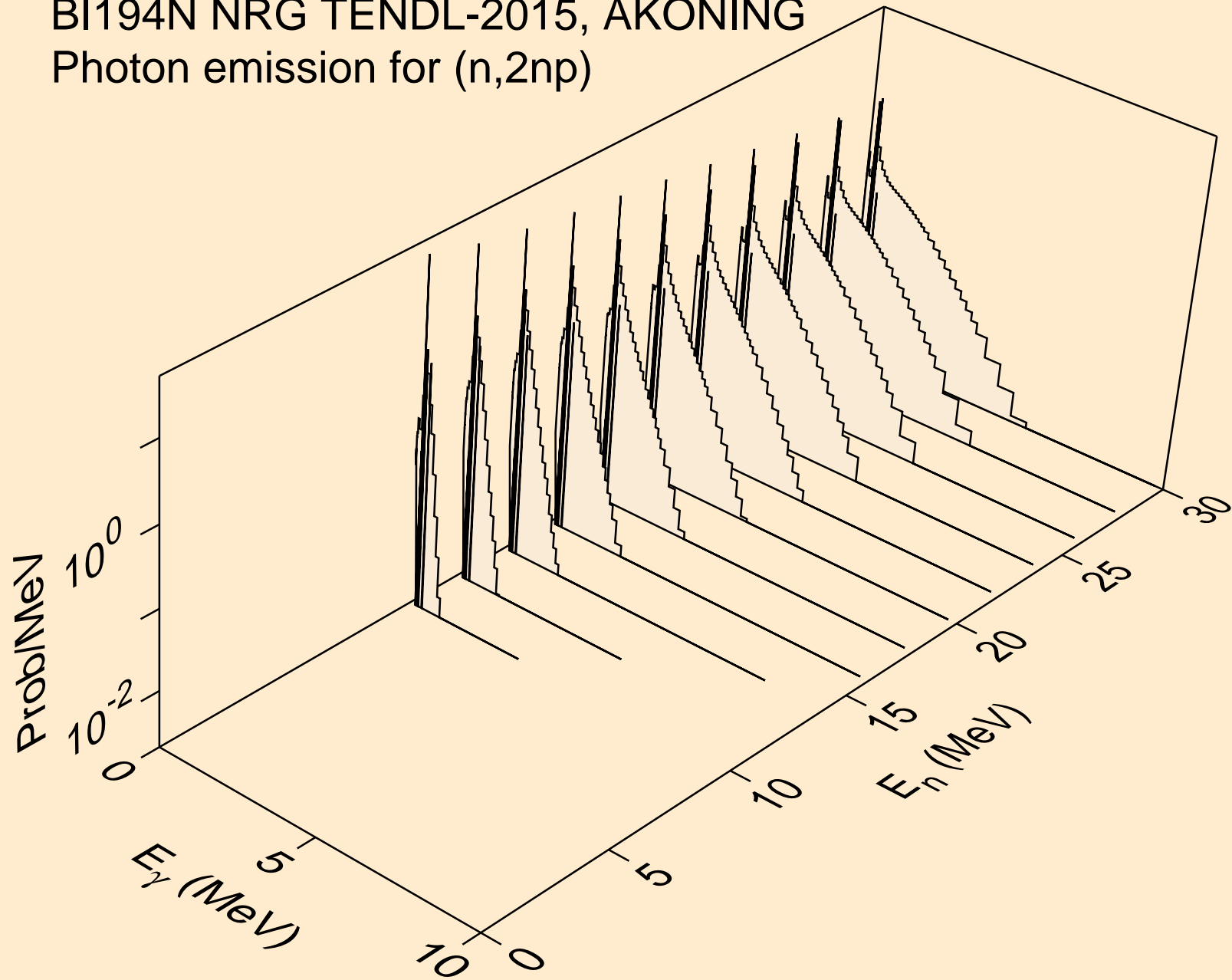
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



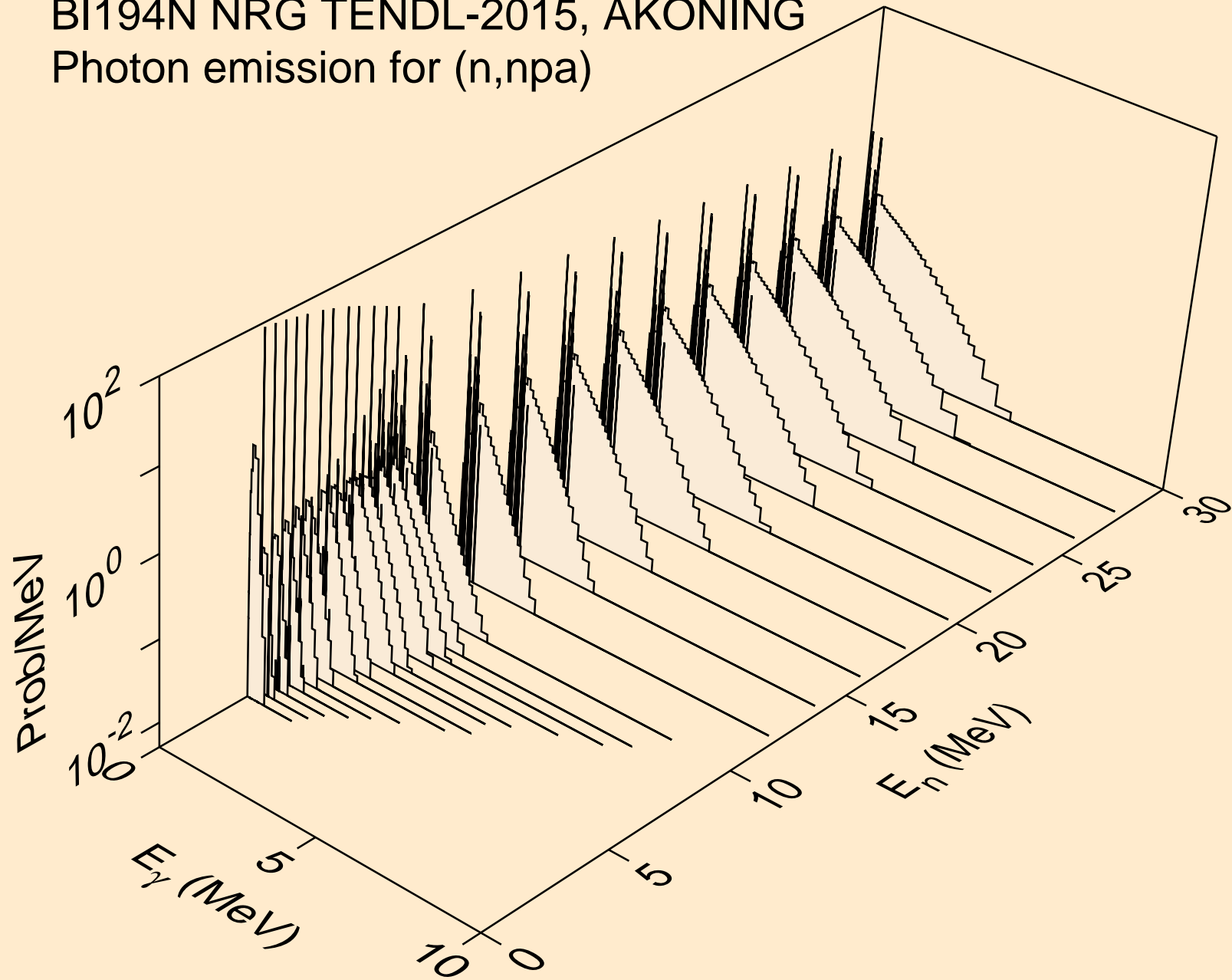
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



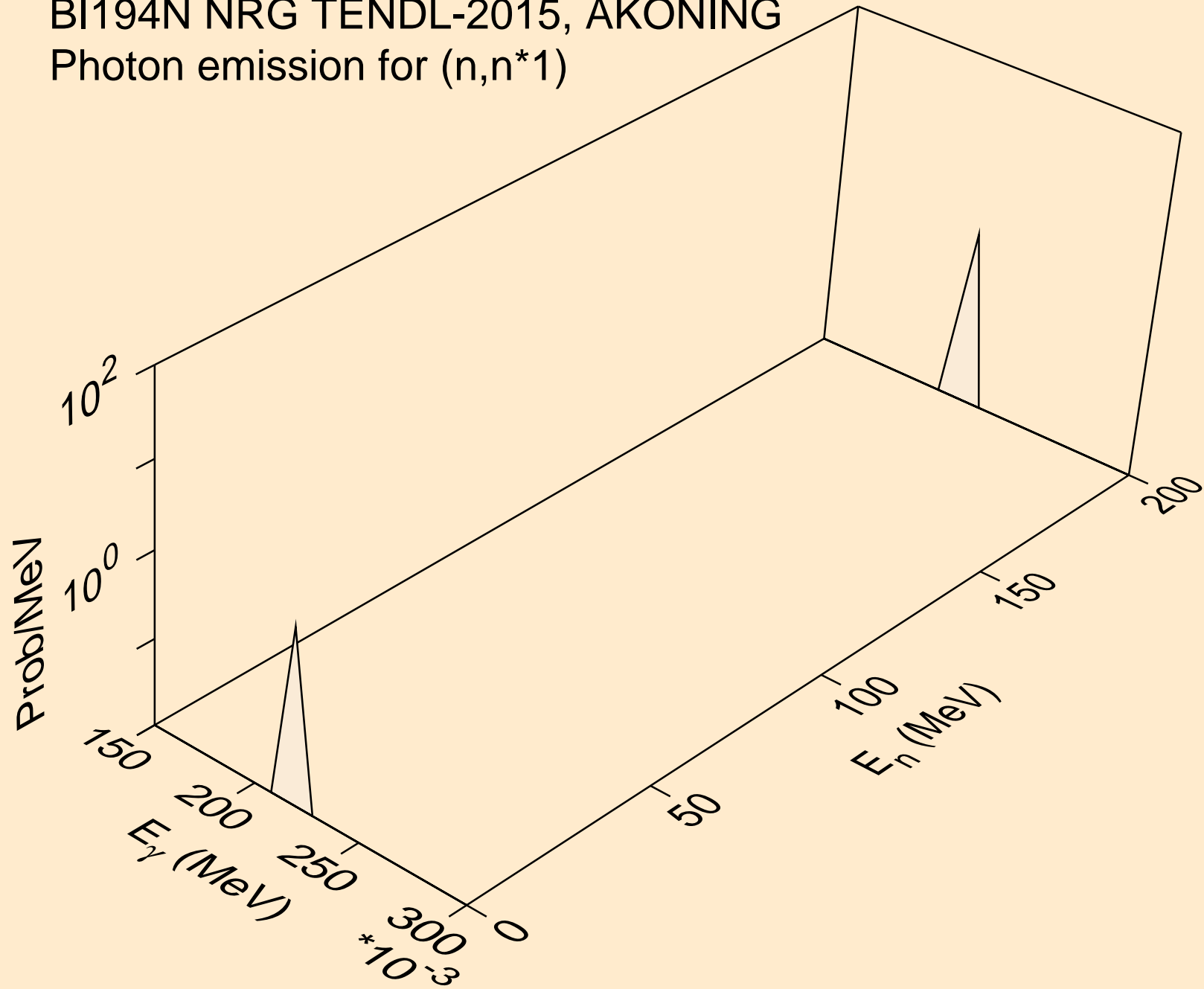
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



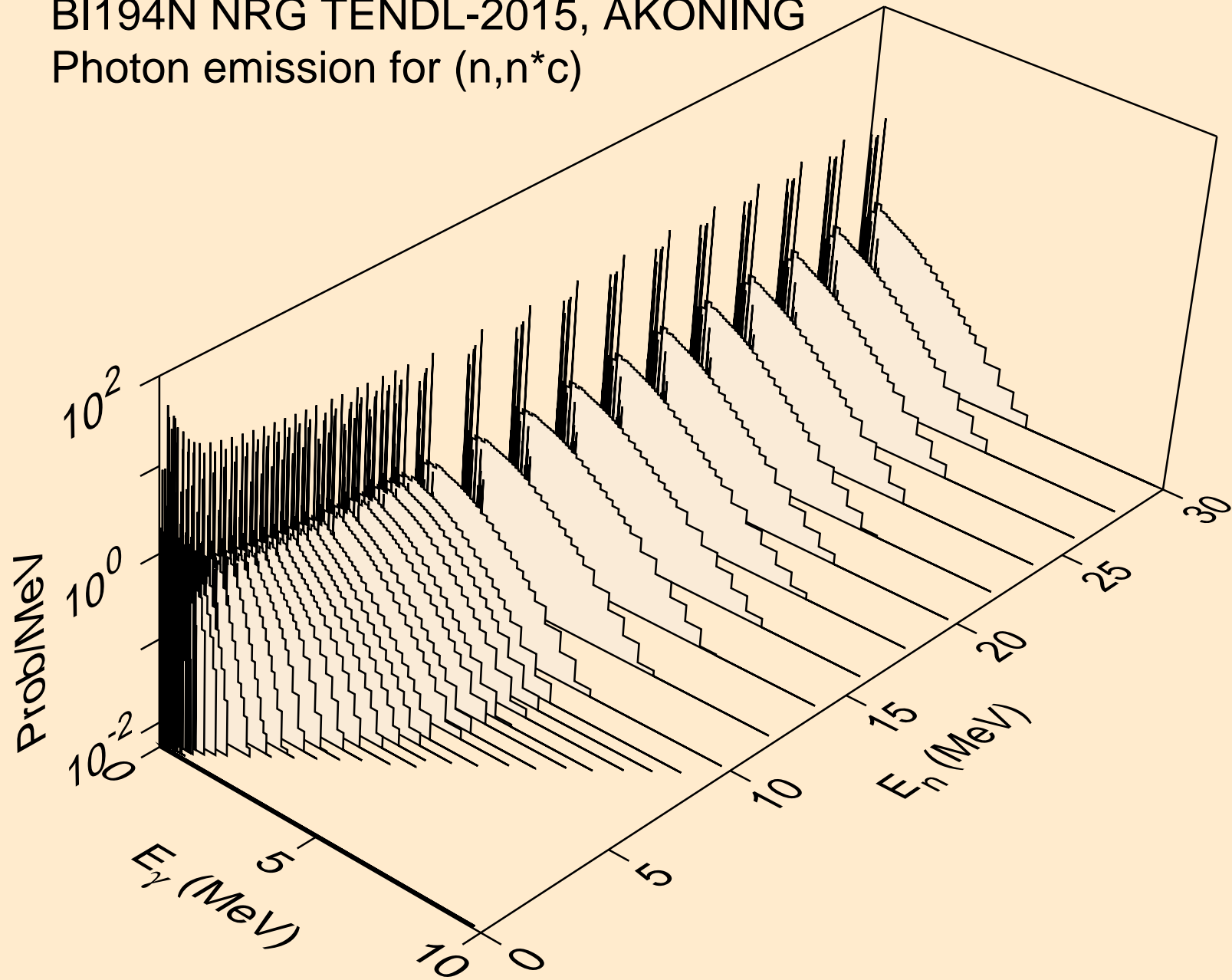
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



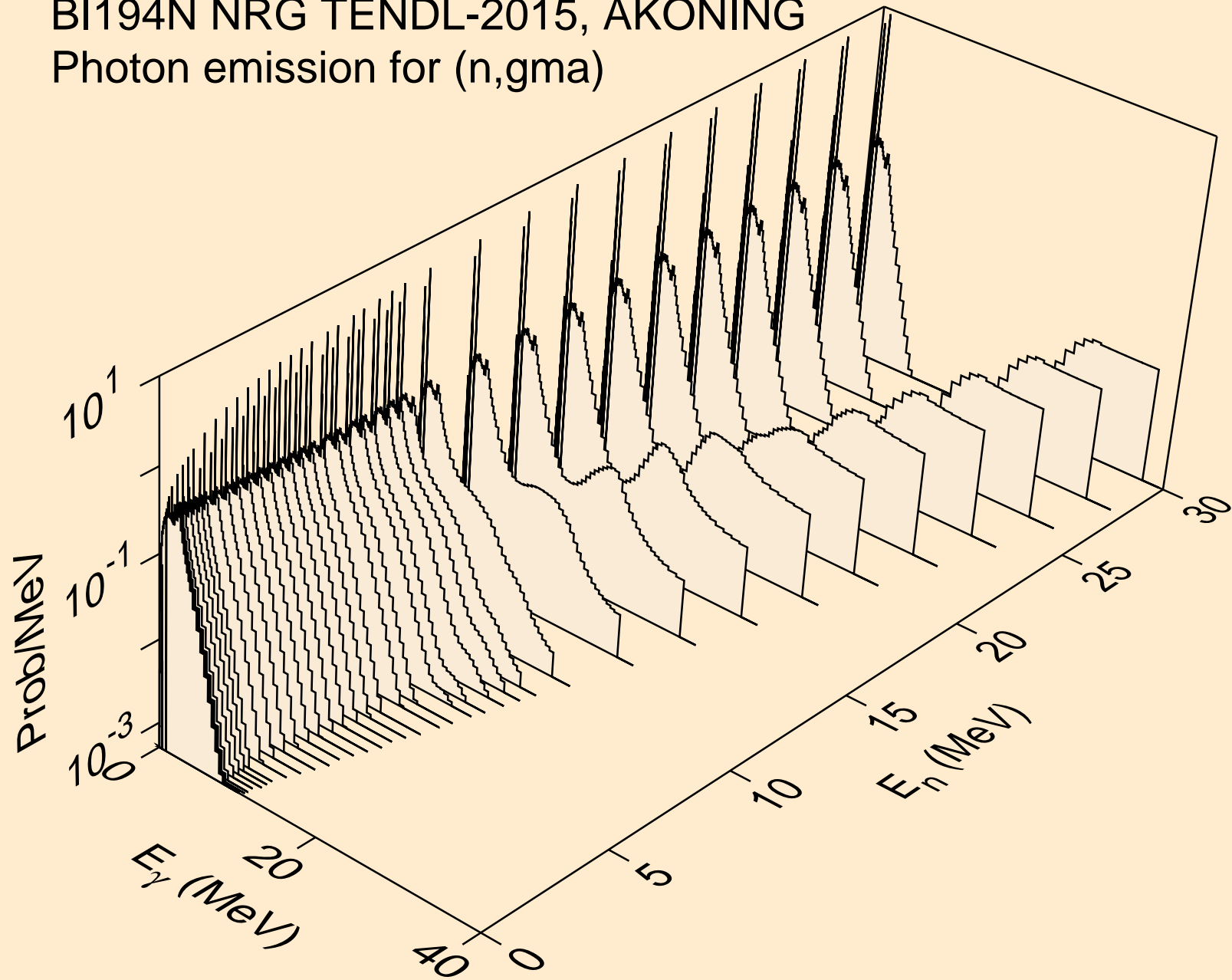
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)



BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

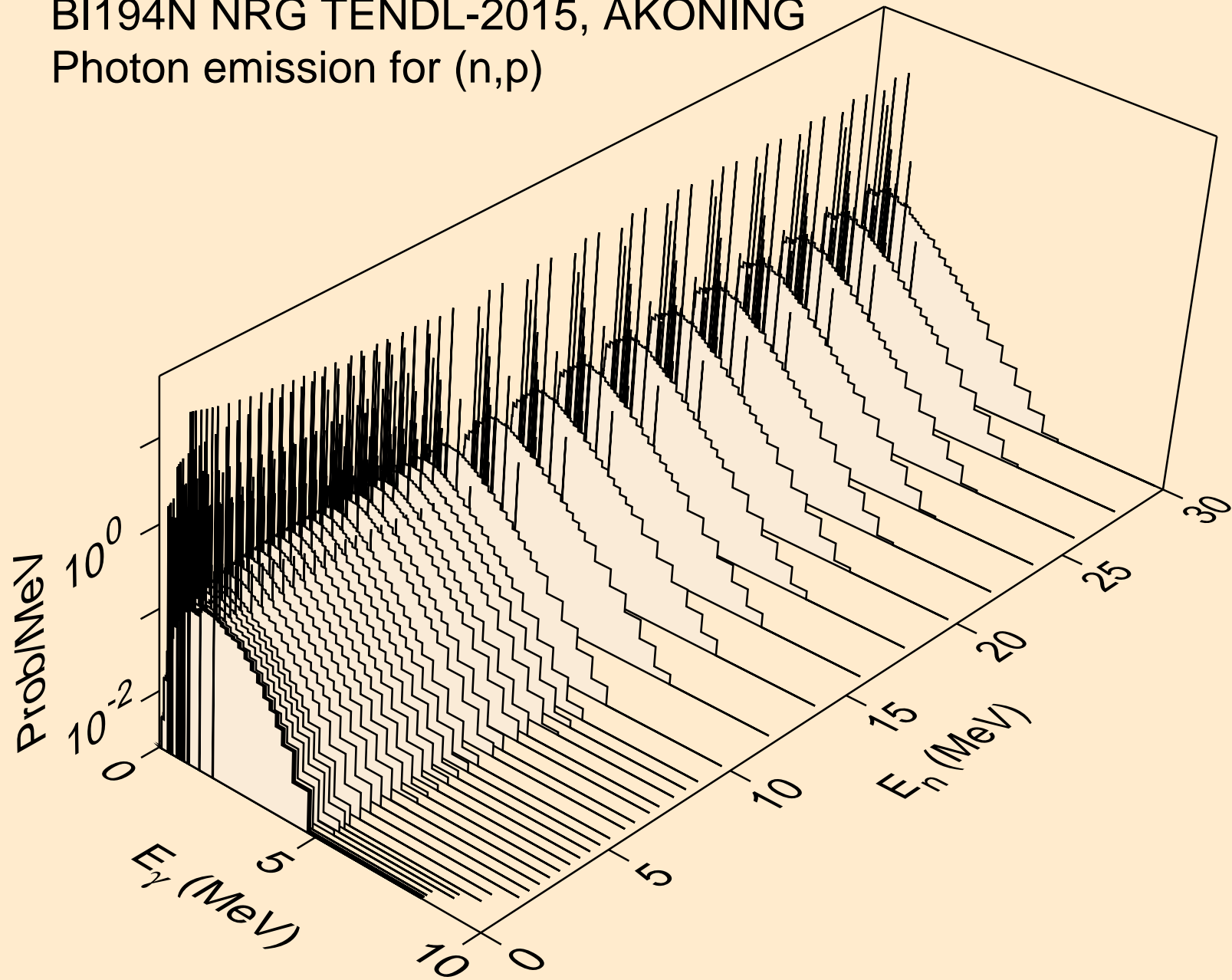


BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

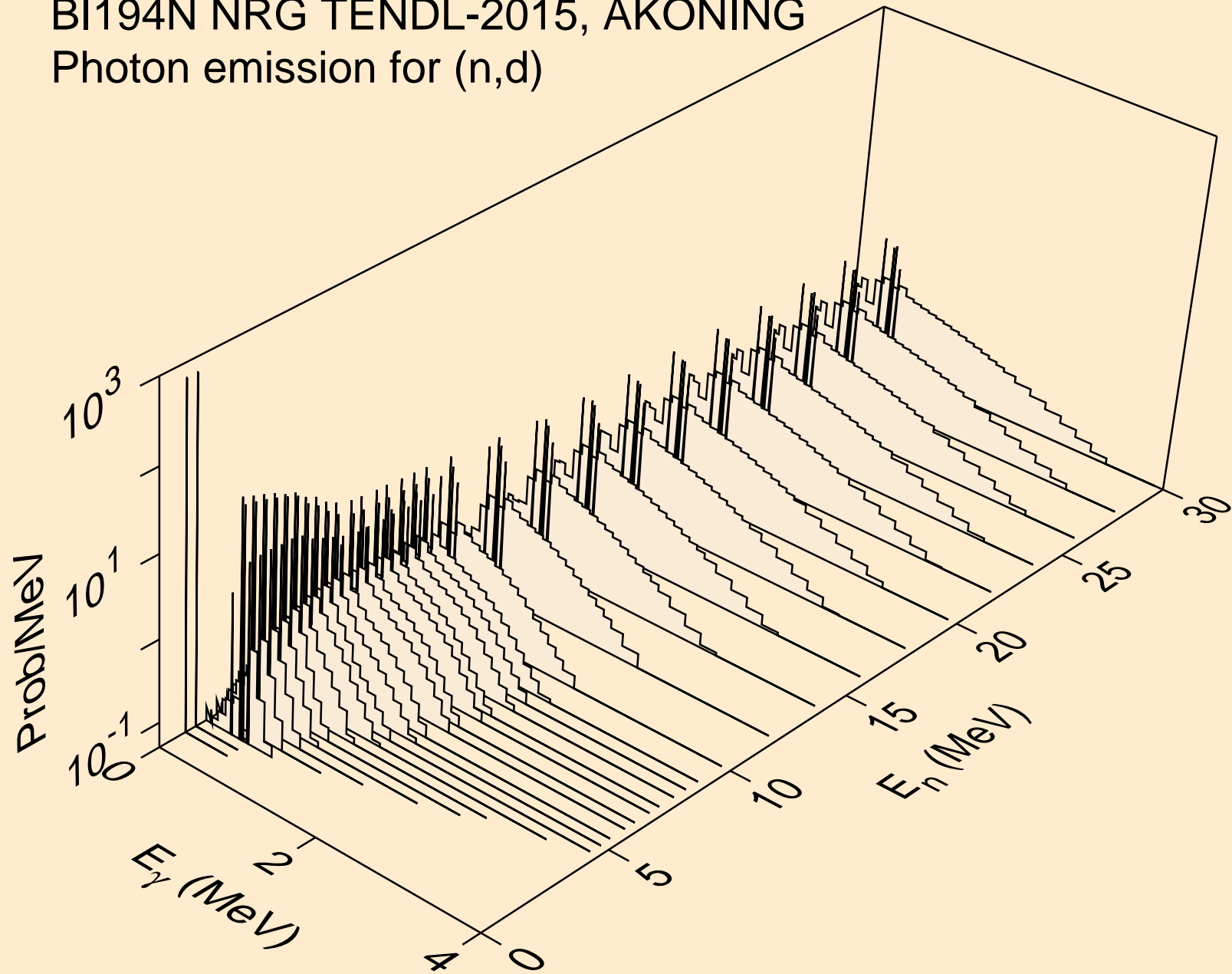




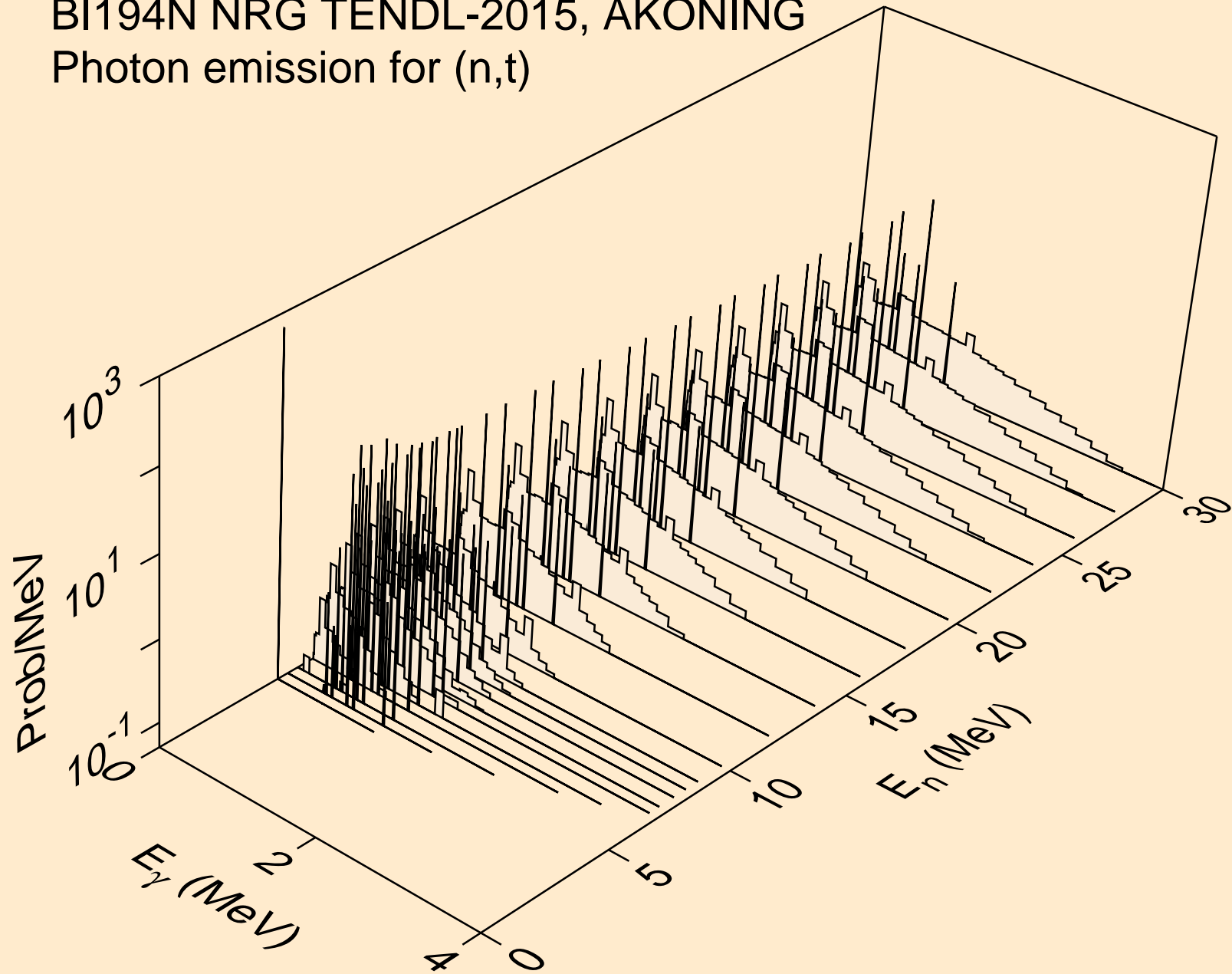
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,p)



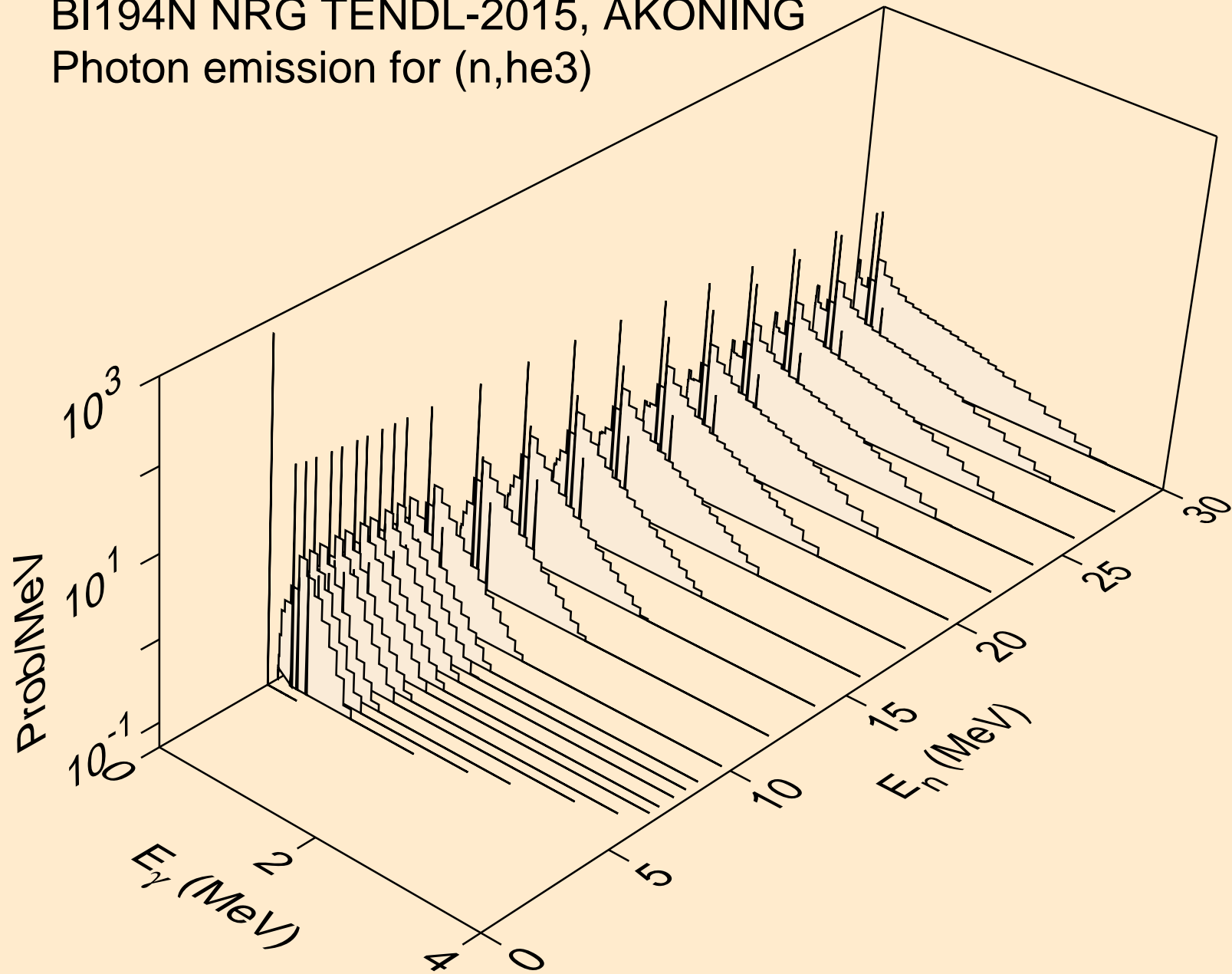
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,d)



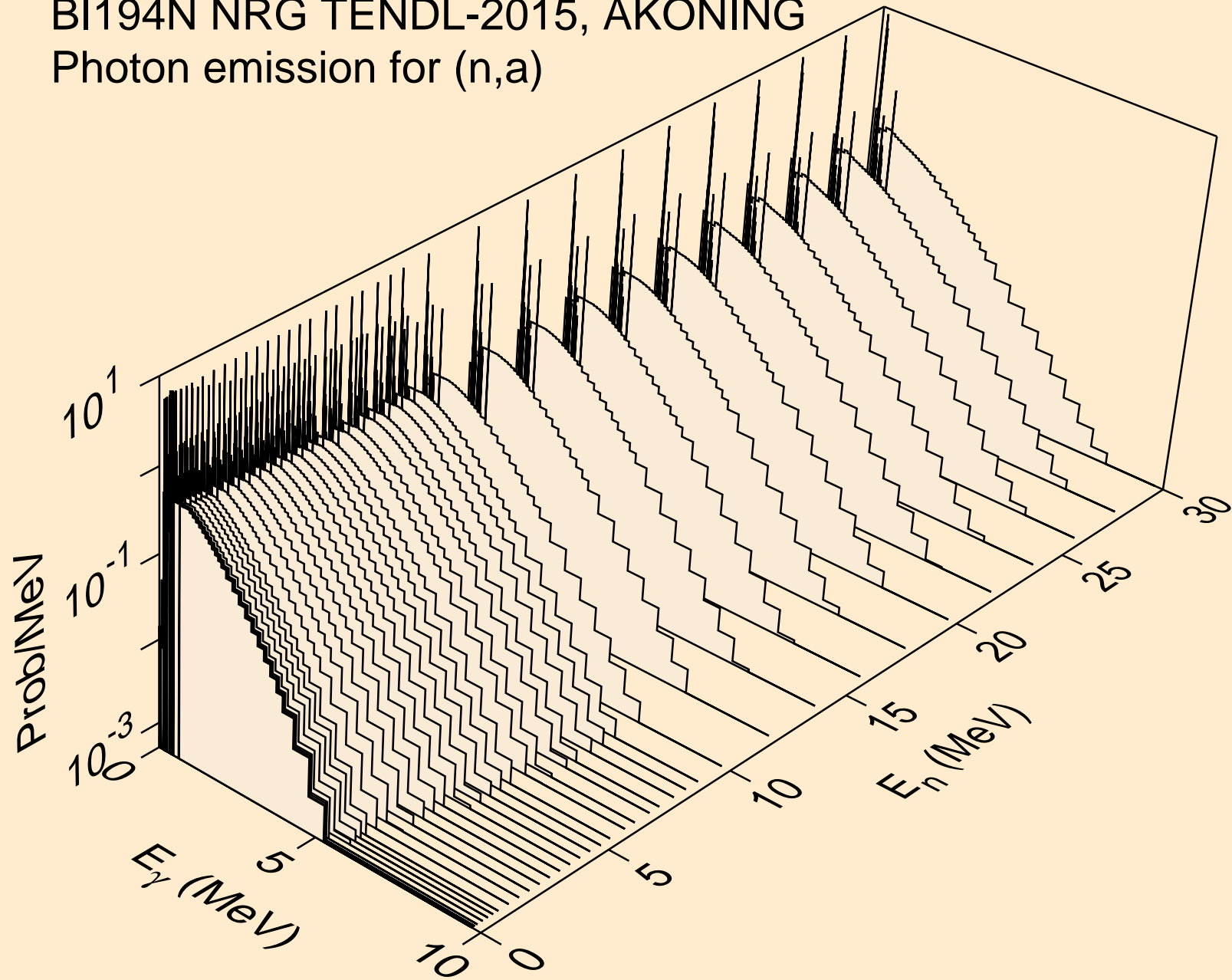
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,t)



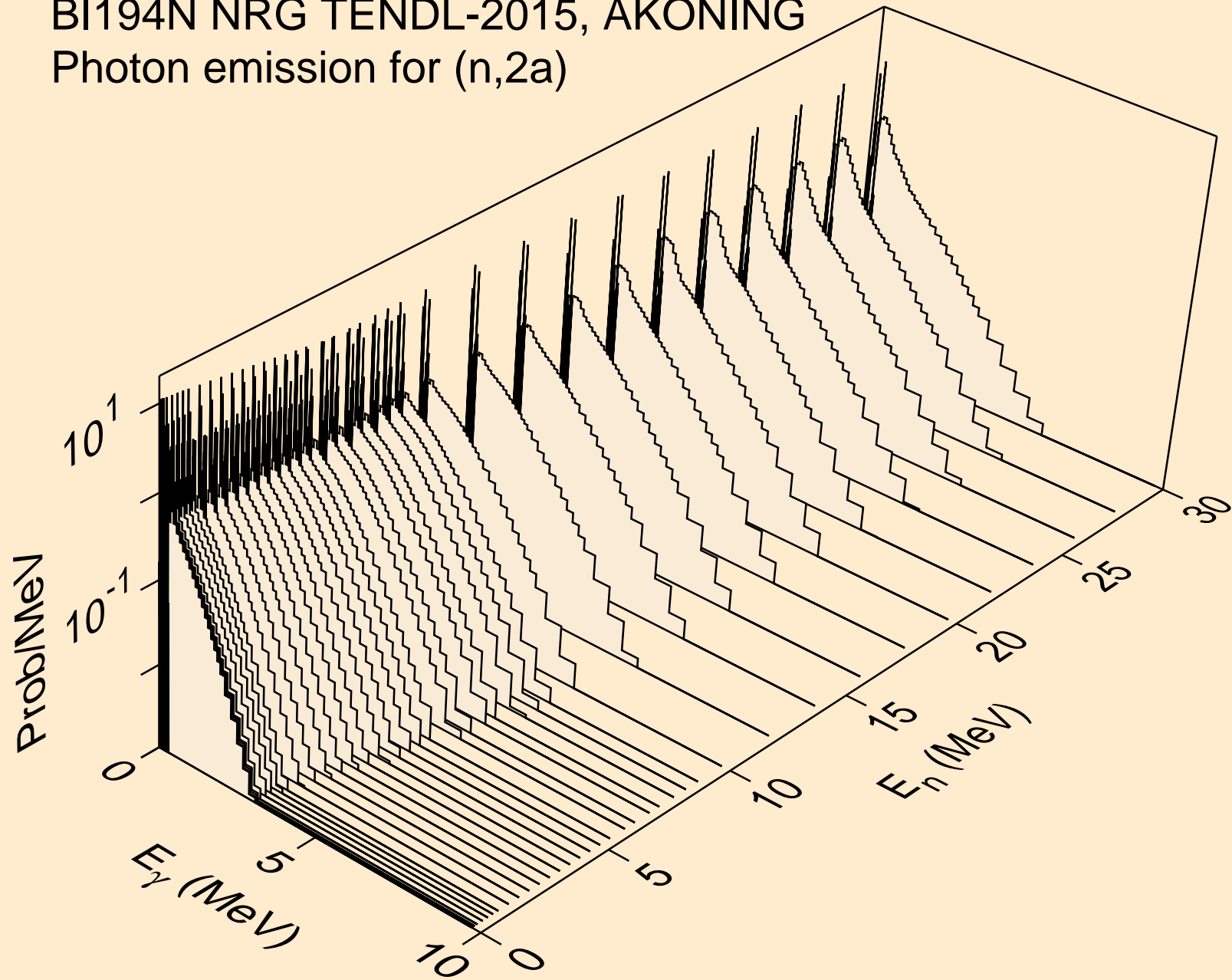
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



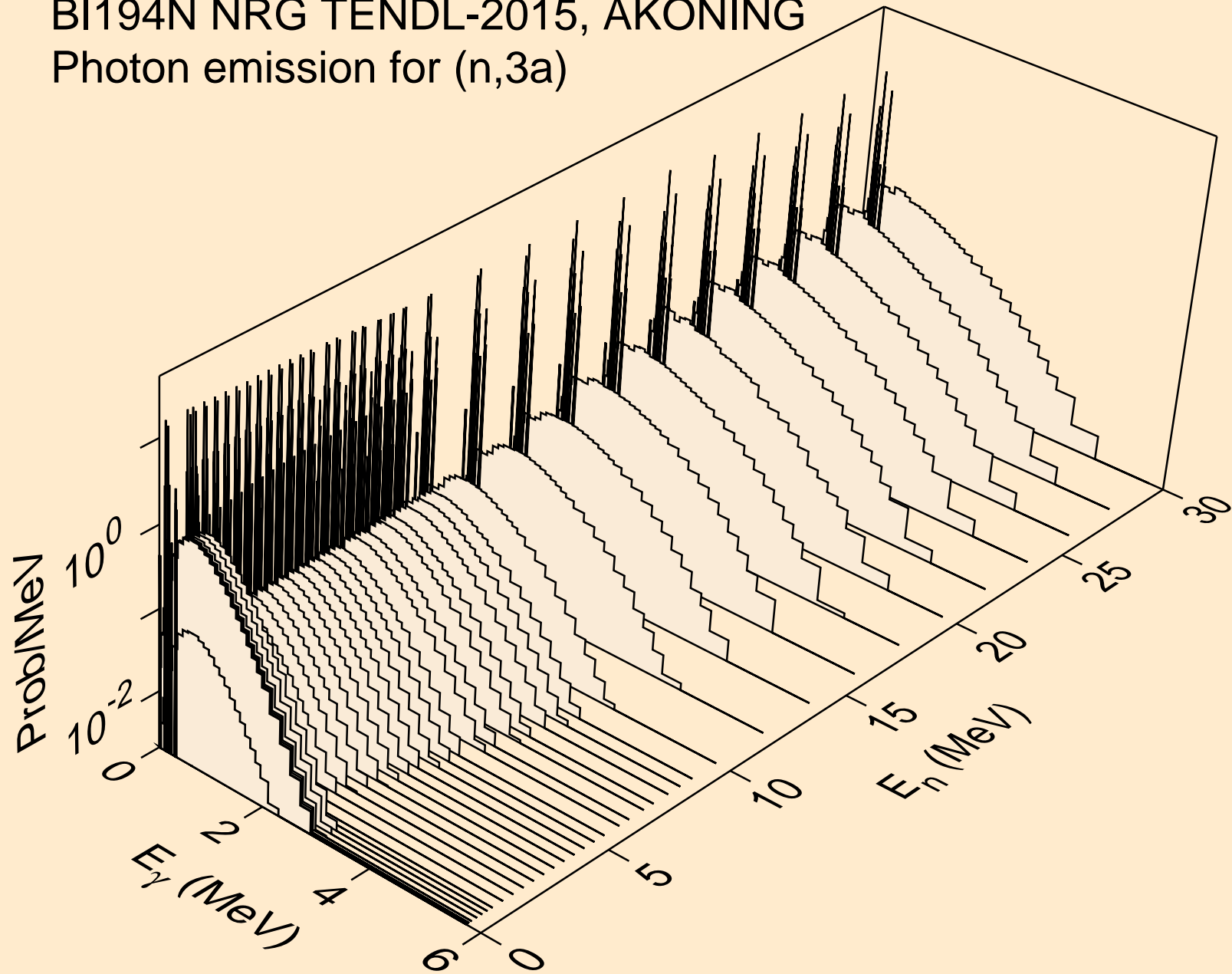
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,a)



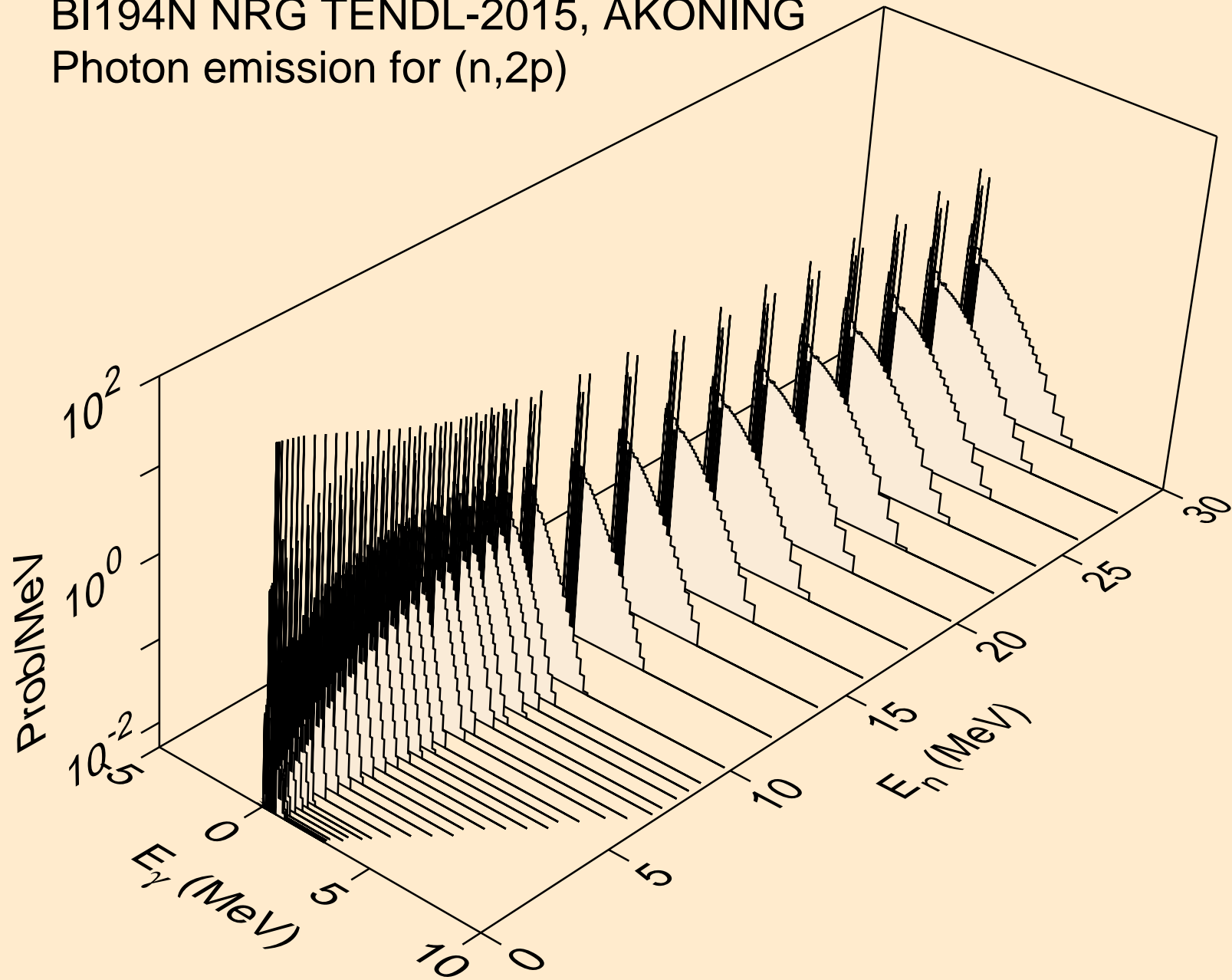
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

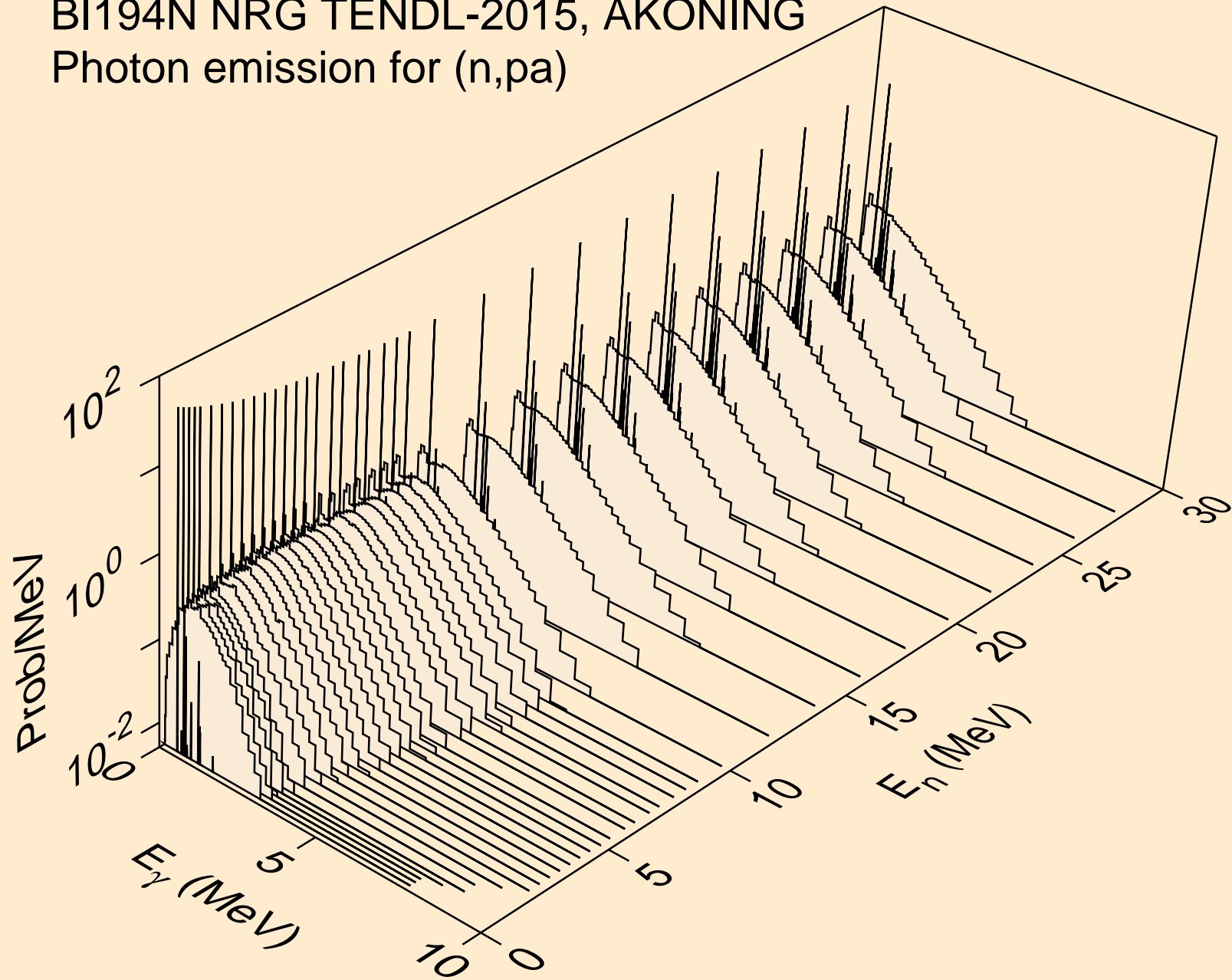


BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

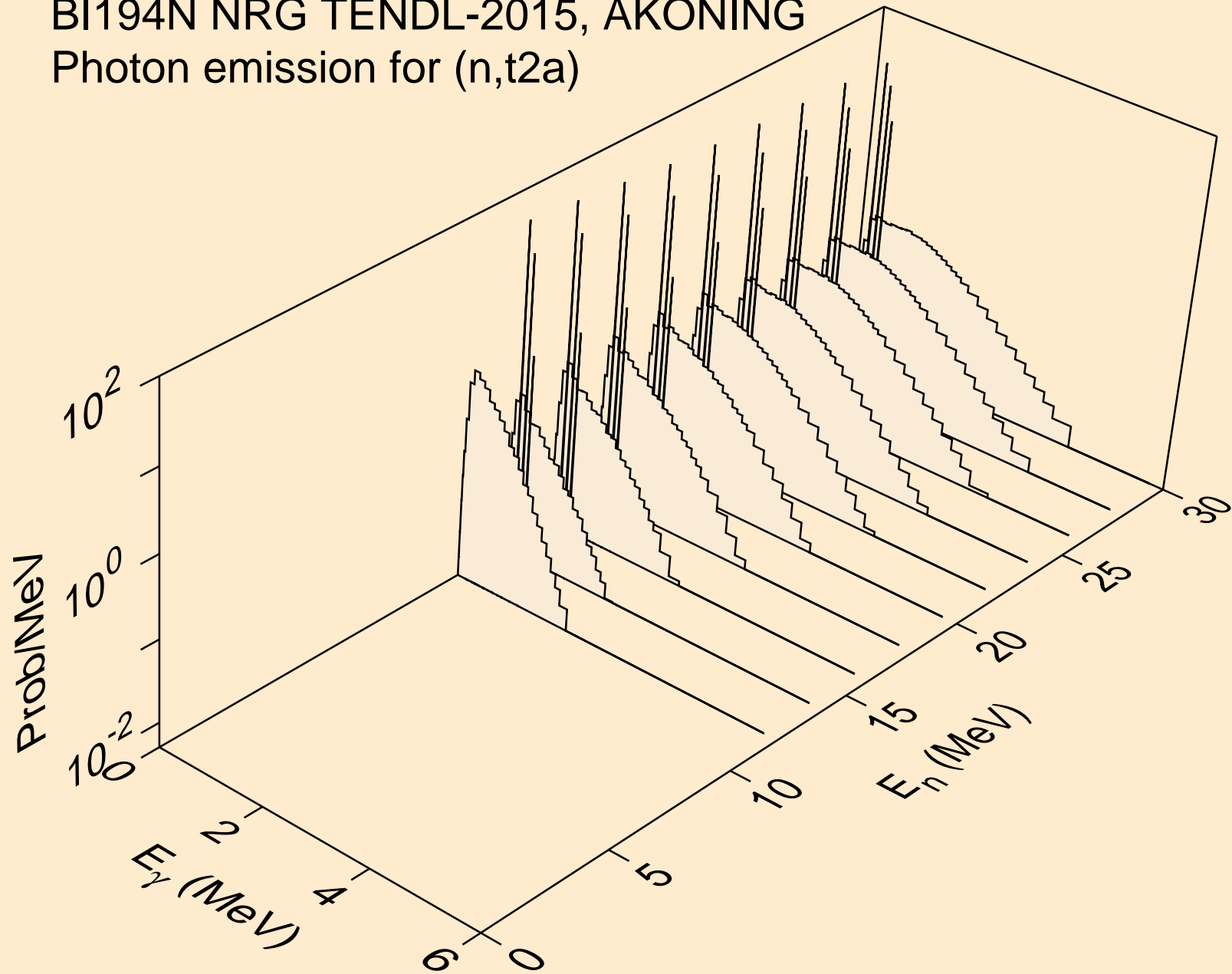




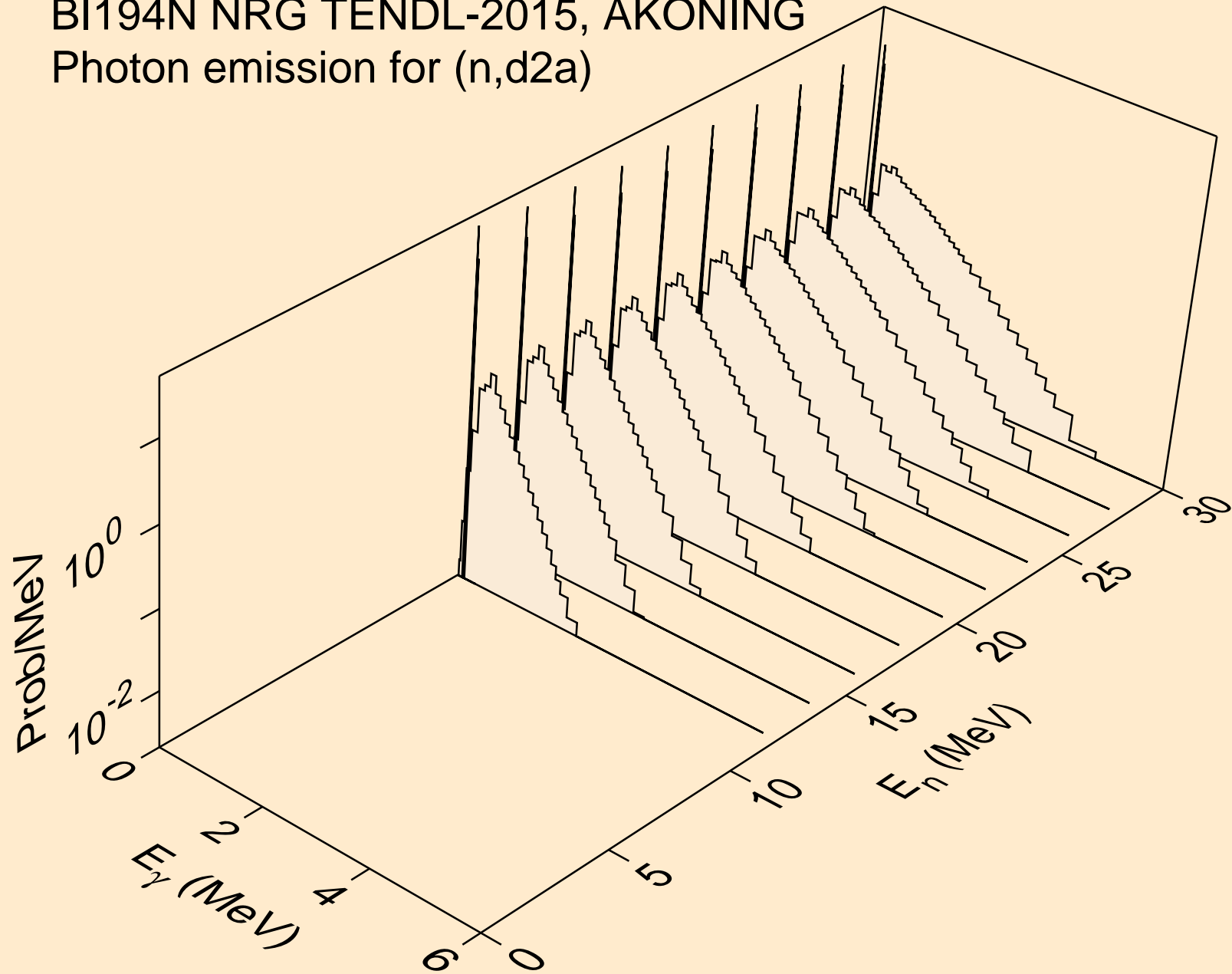
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



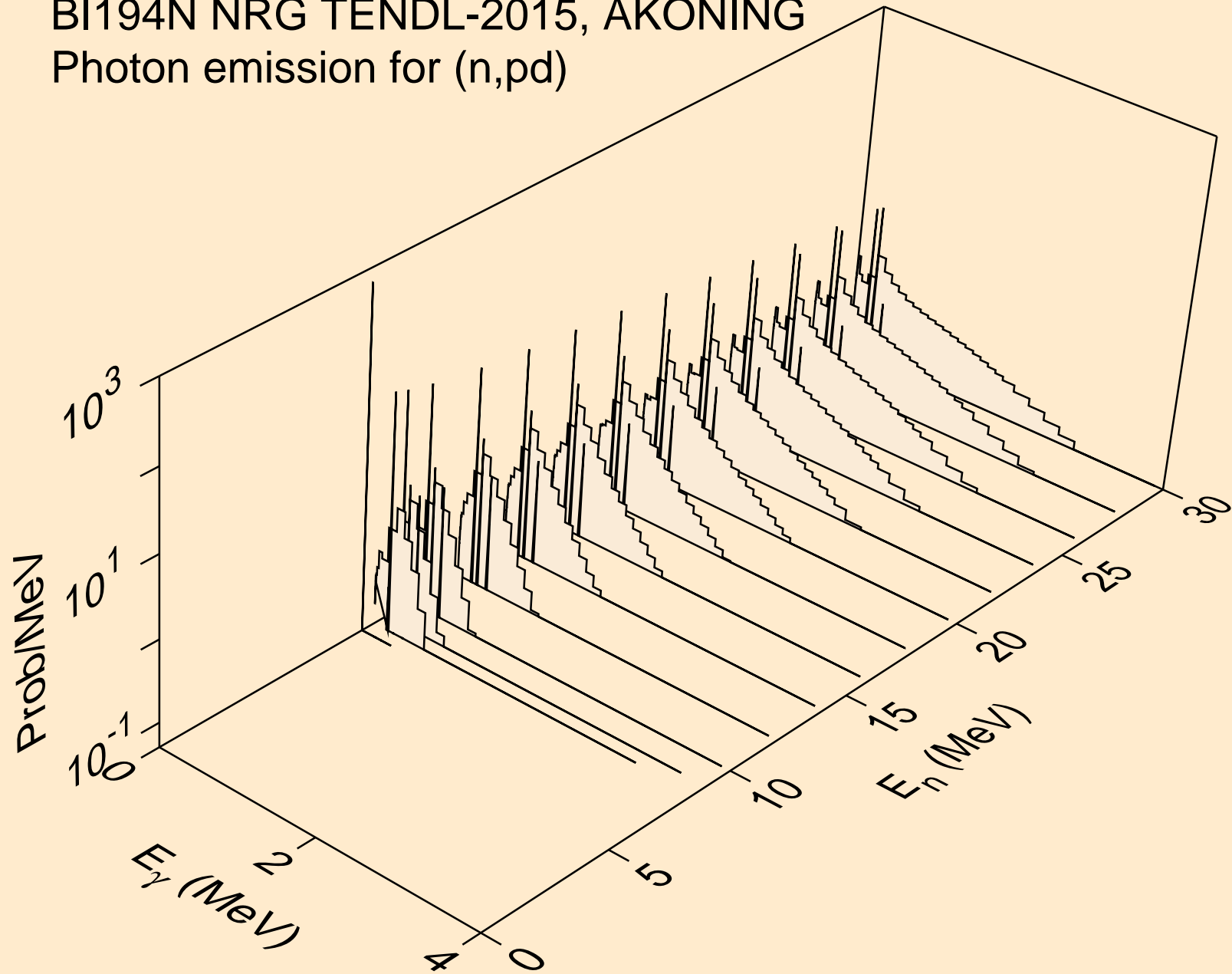
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



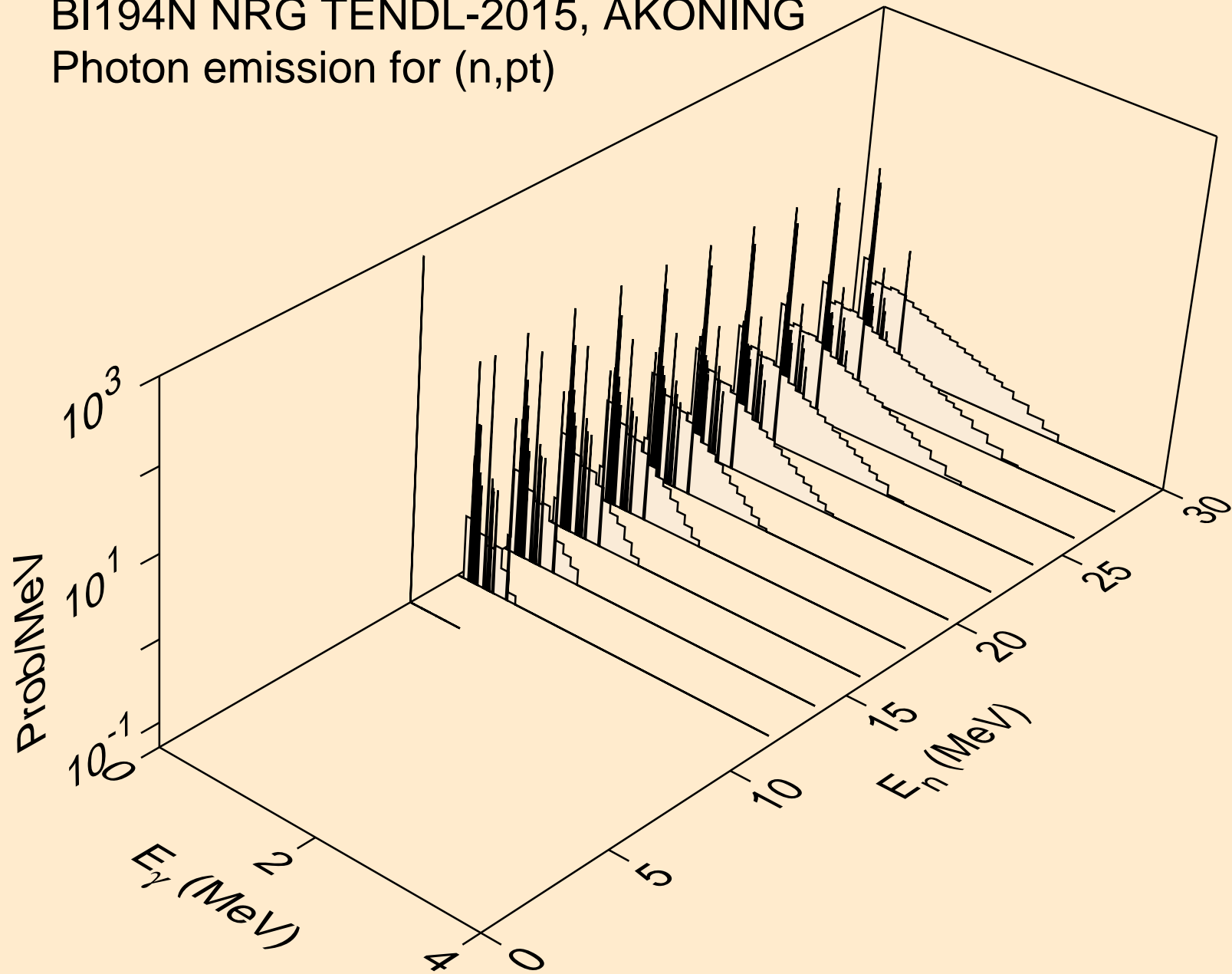
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



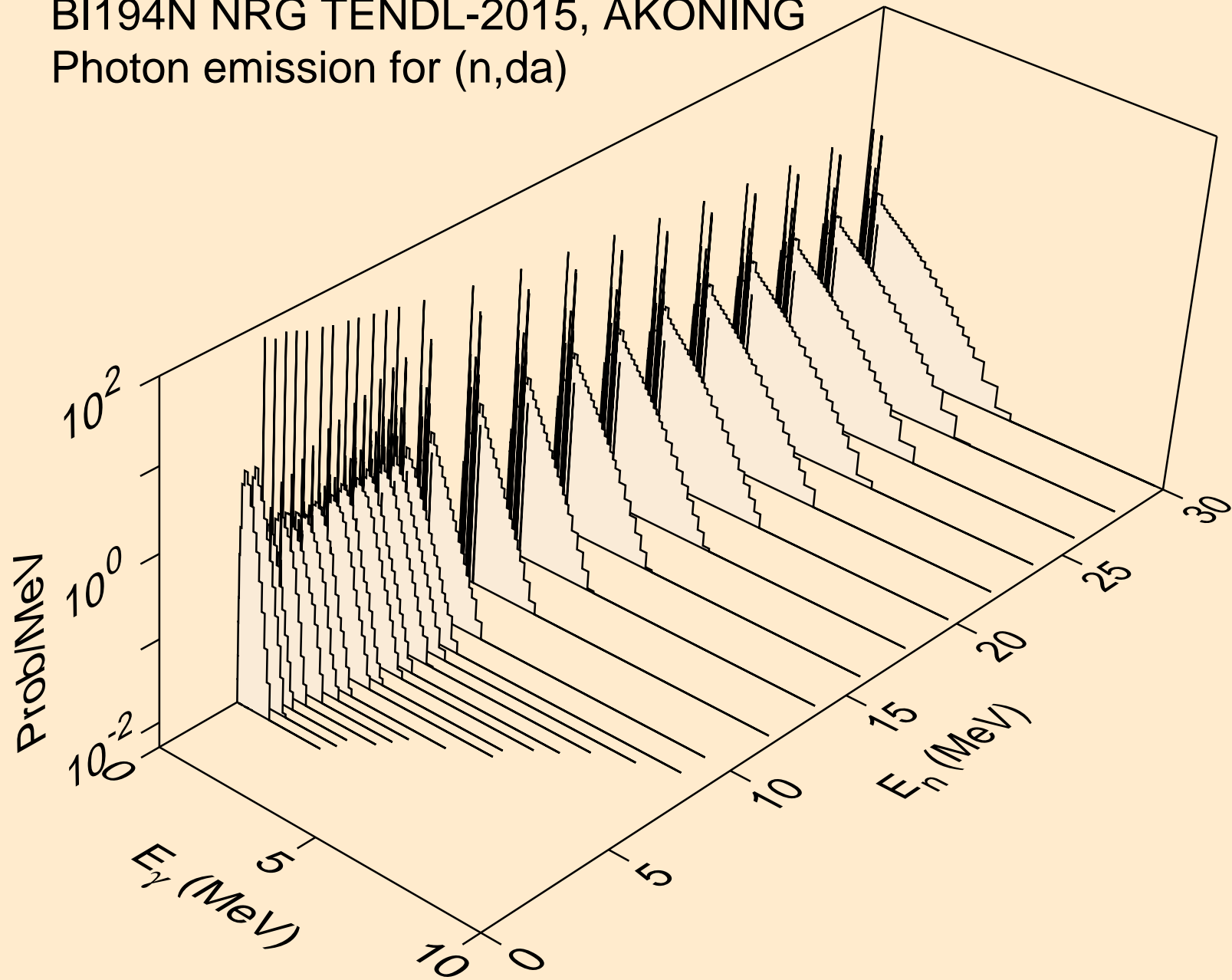
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



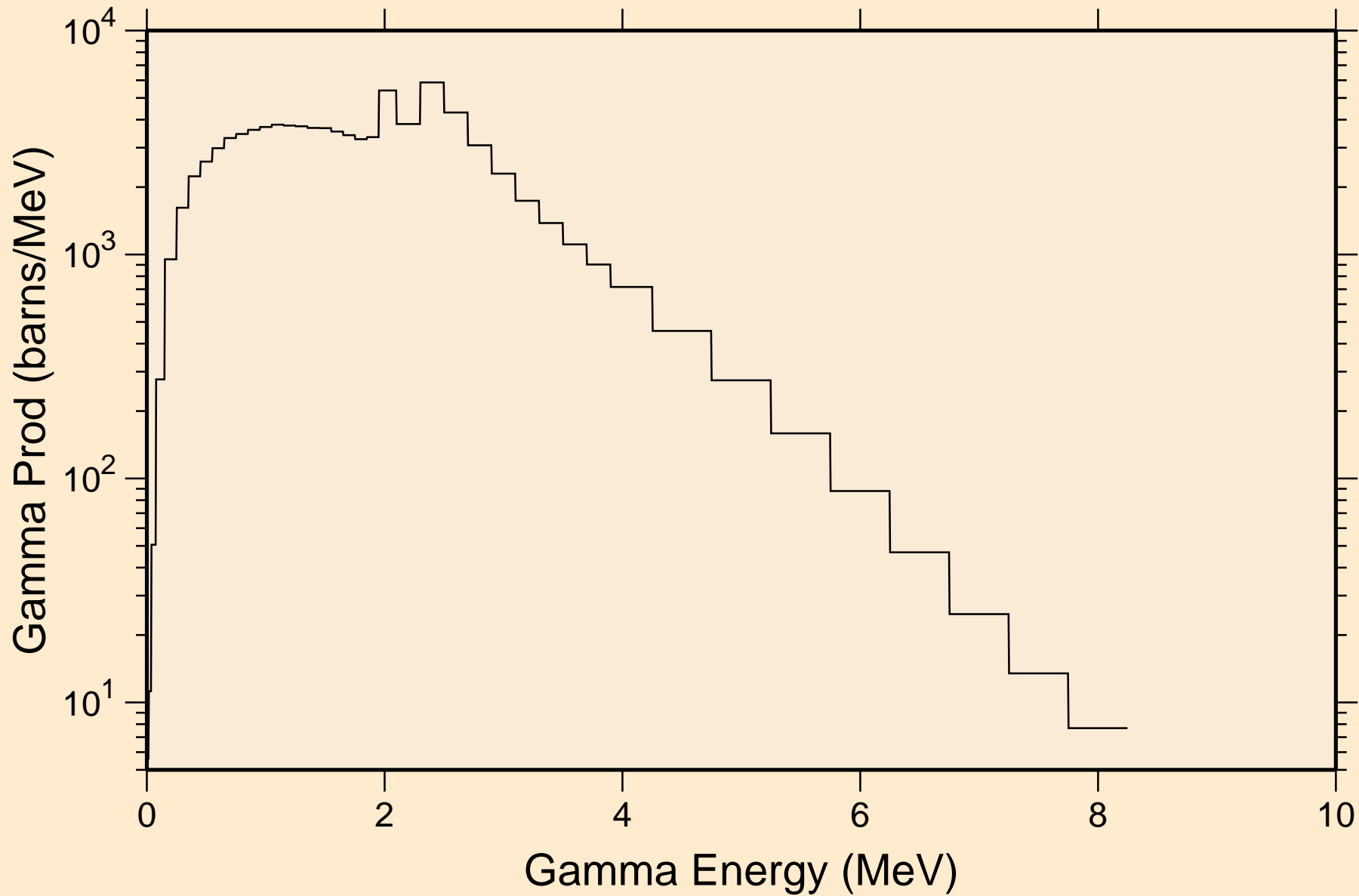
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



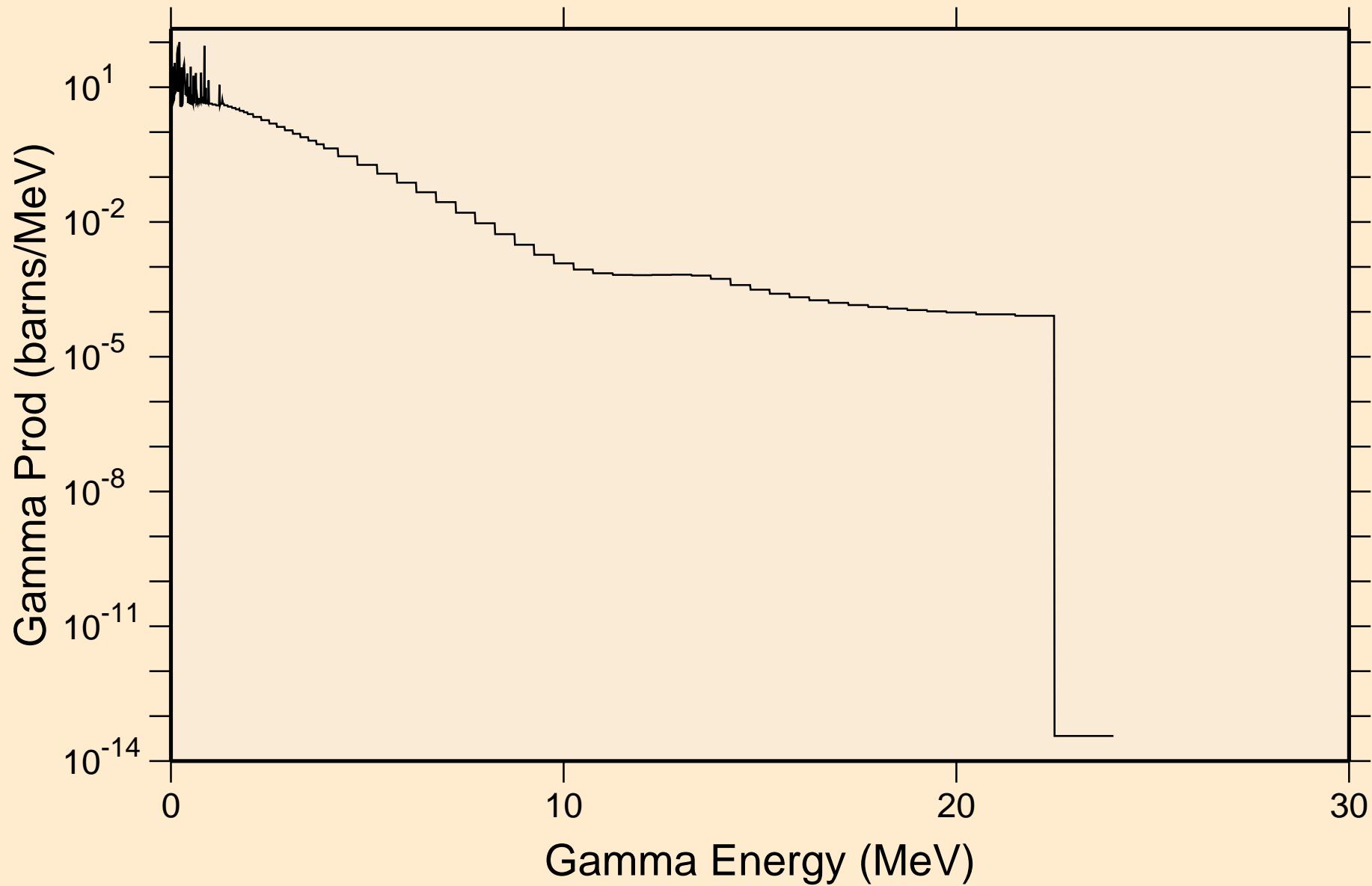
BI194N NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BI194N NRG TENDL-2015, AKONING  
thermal capture photon spectrum



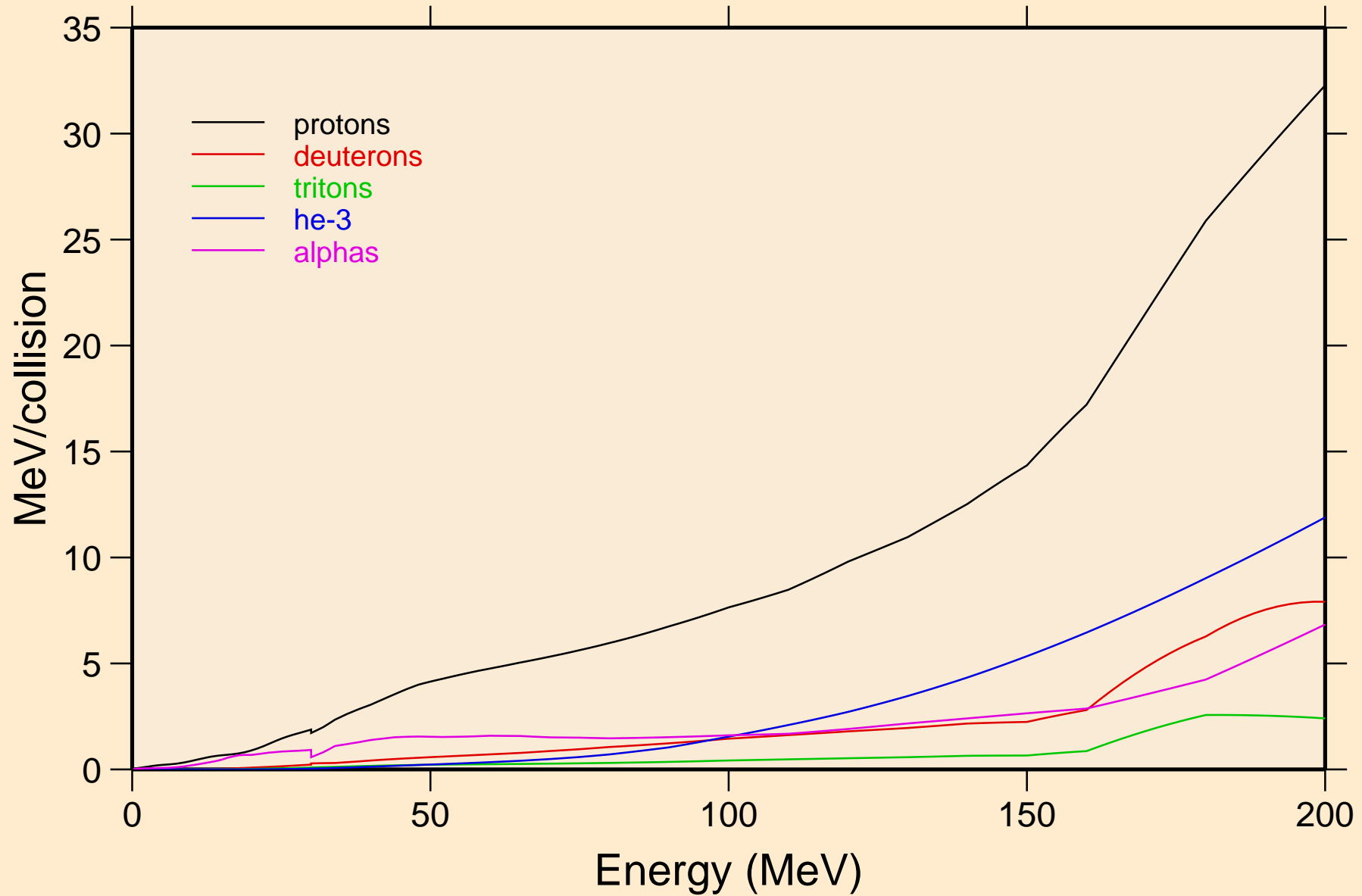
BI194N NRG TENDL-2015, AKONING  
14 MeV photon spectrum





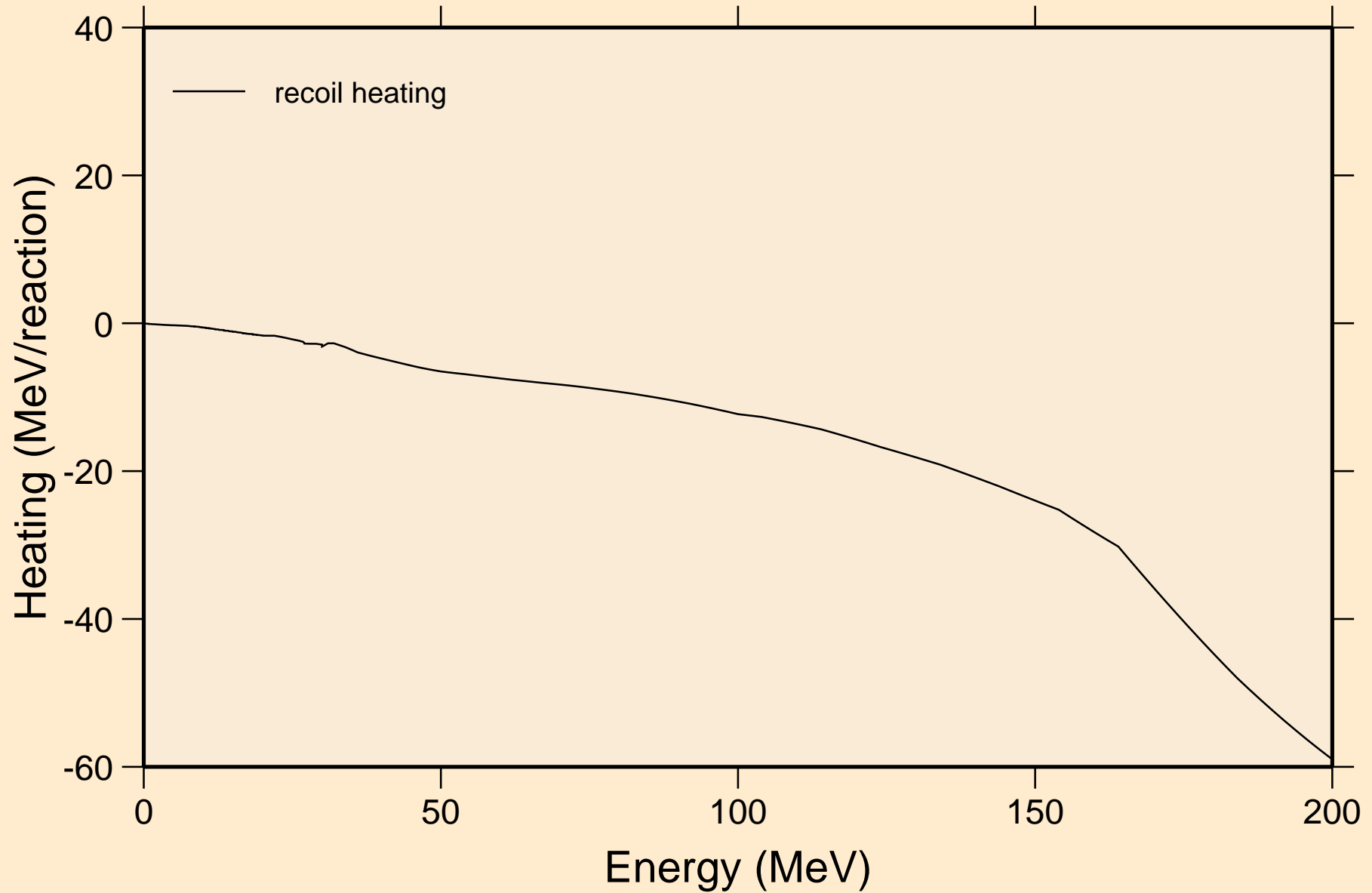
# BI194N NRG TENDL-2015, AKONING

## Particle heating contributions



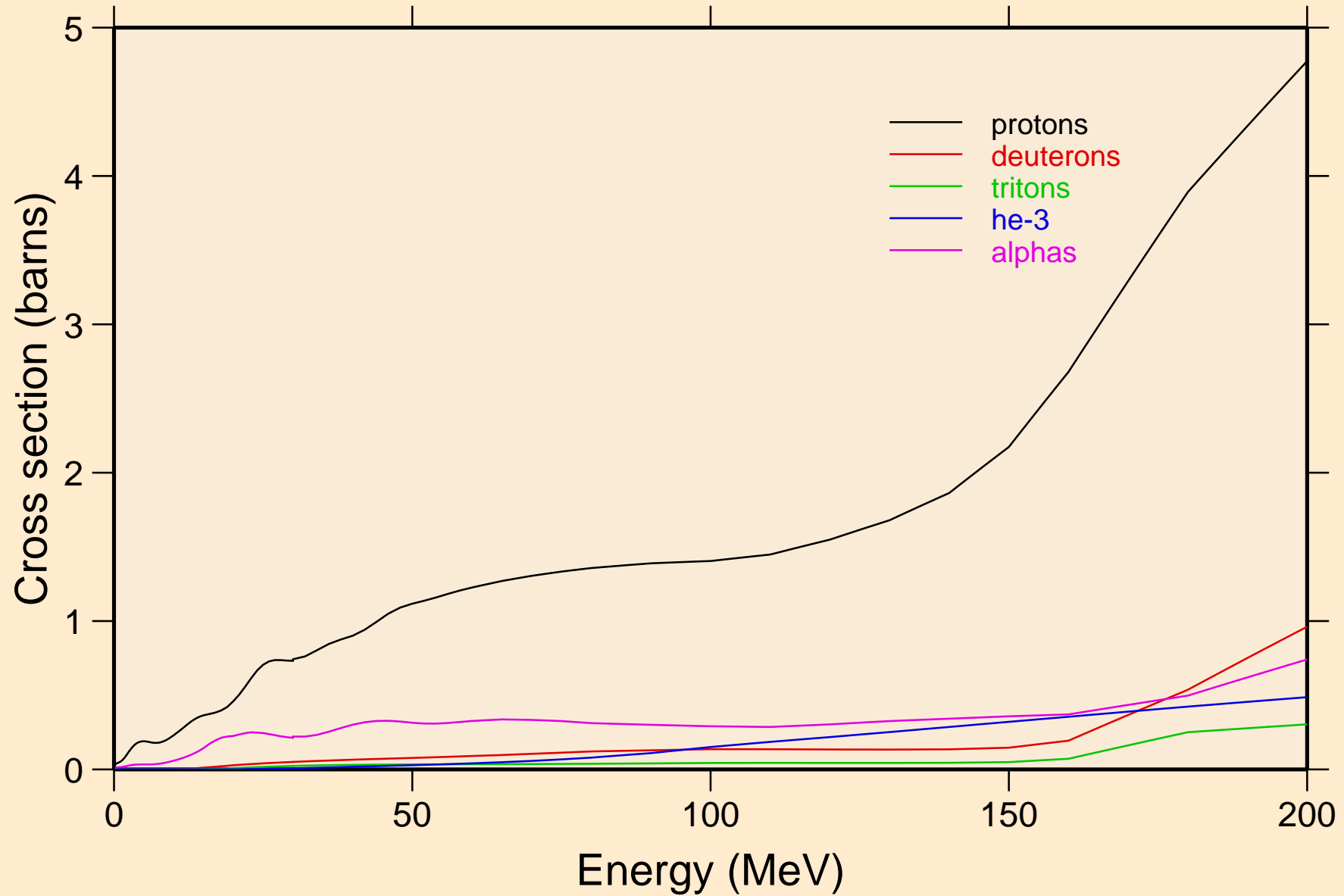
# BI194N NRG TENDL-2015, AKONING

## Recoil Heating

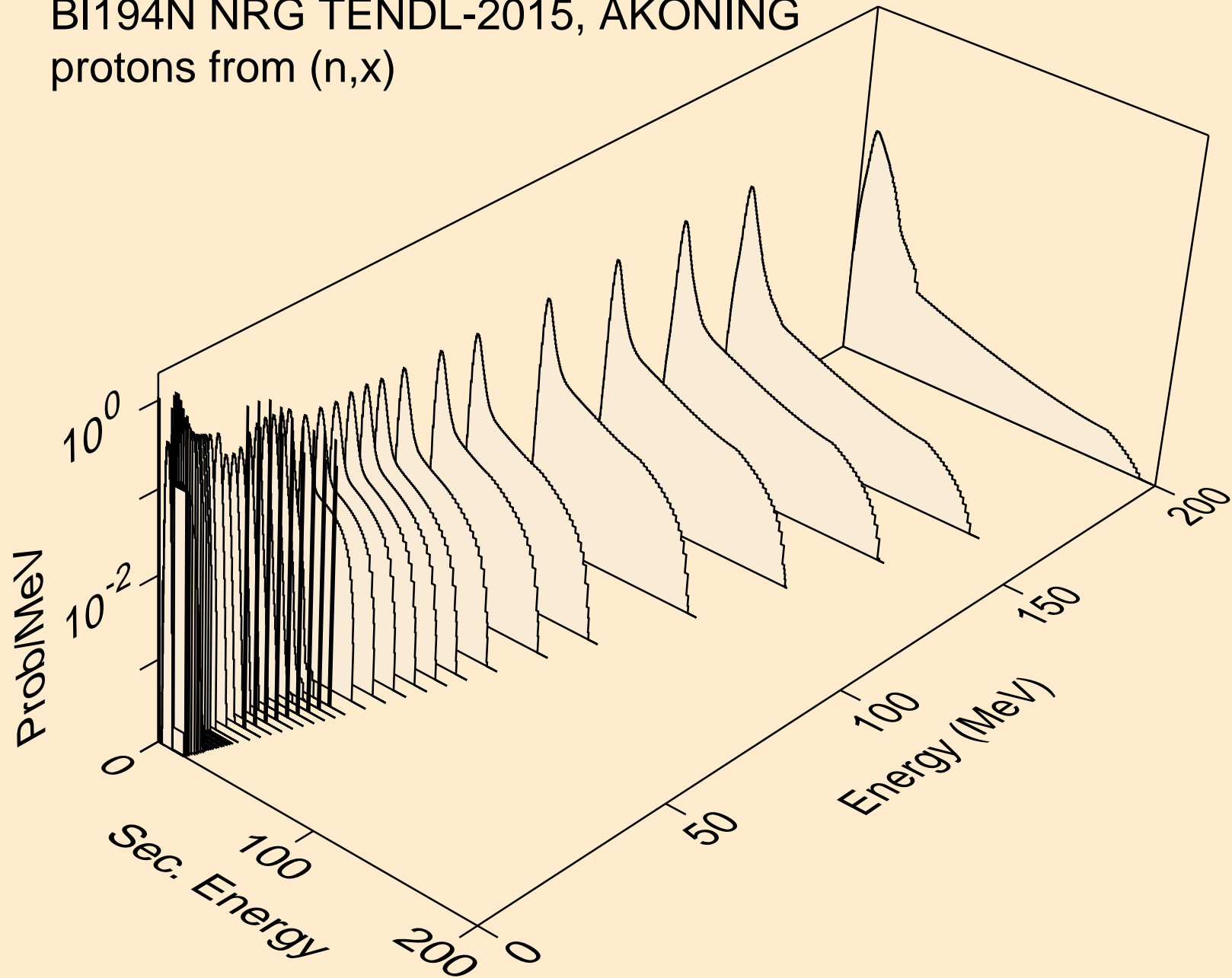


# BI194N NRG TENDL-2015, AKONING

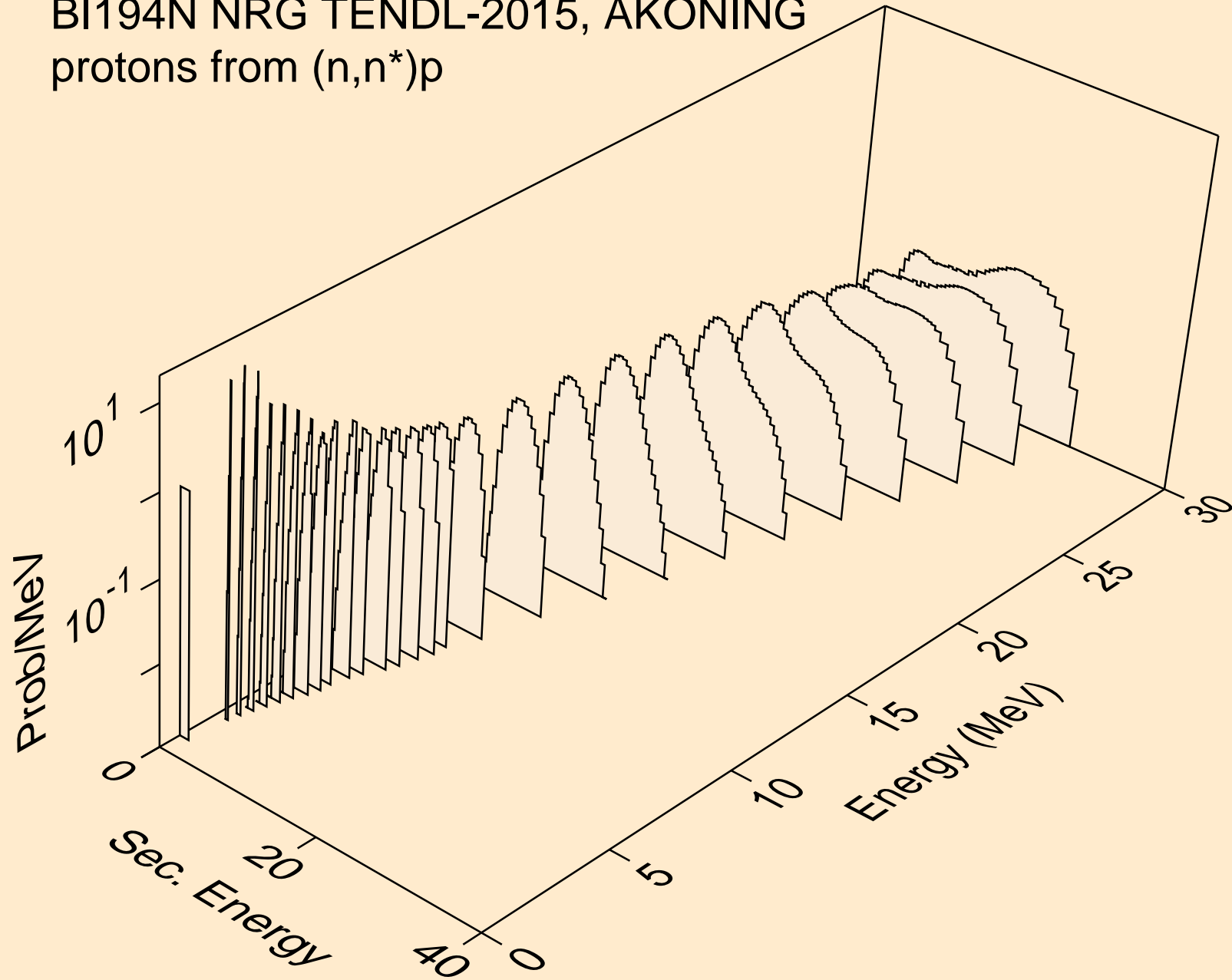
## Particle production cross sections



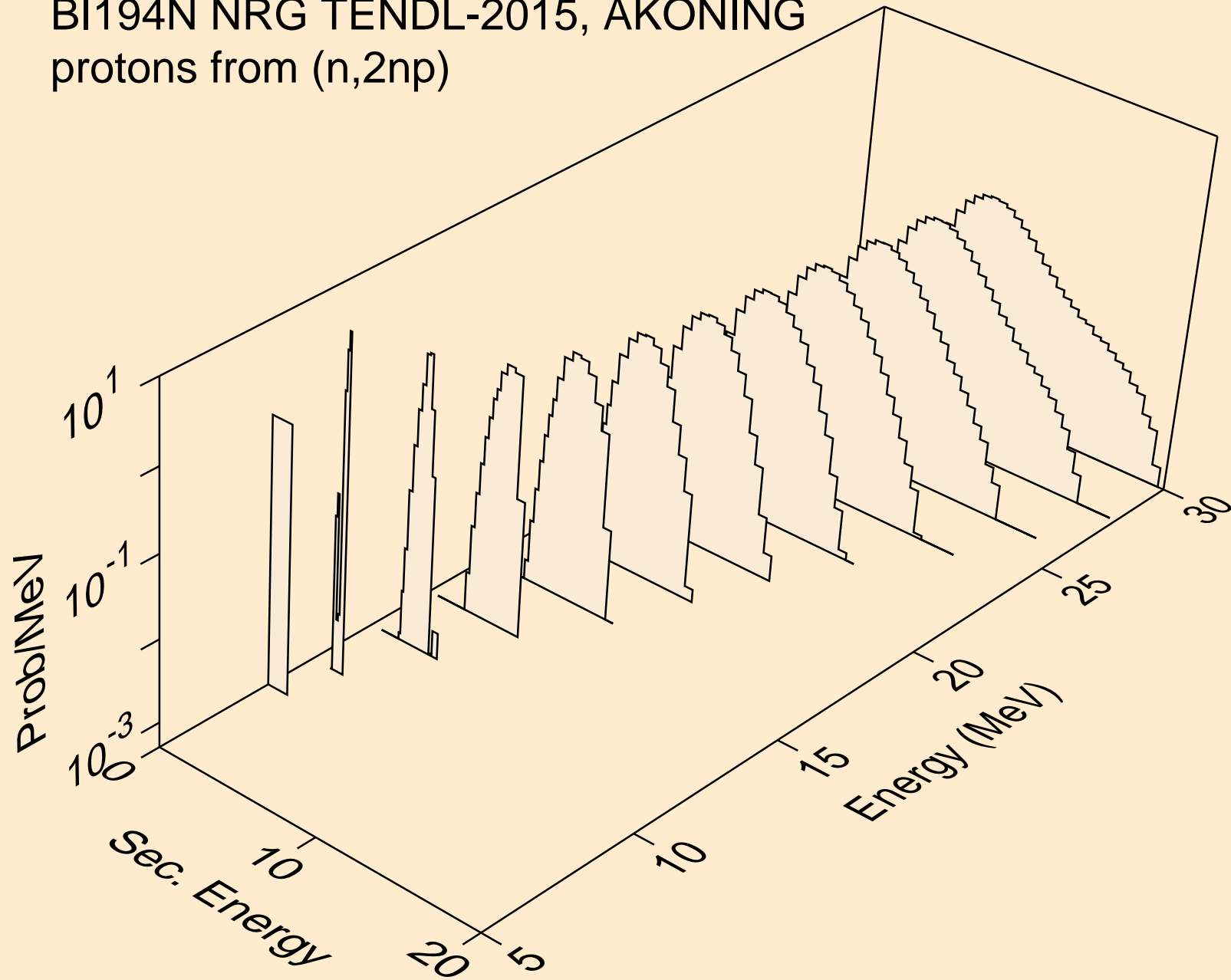
BI194N NRG TENDL-2015, AKONING  
protons from (n,x)



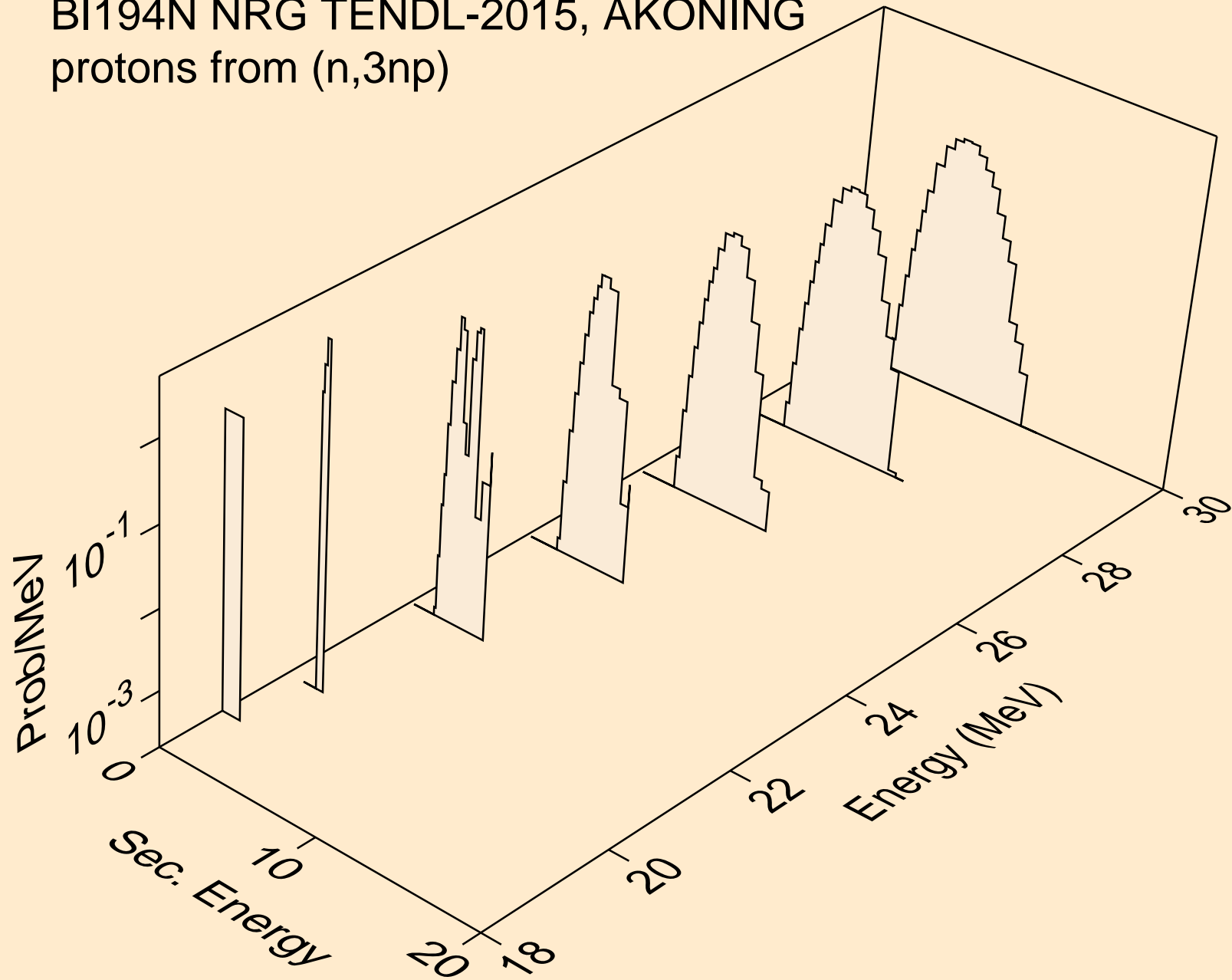
BI194N NRG TENDL-2015, AKONING  
protons from (n,n\*)p



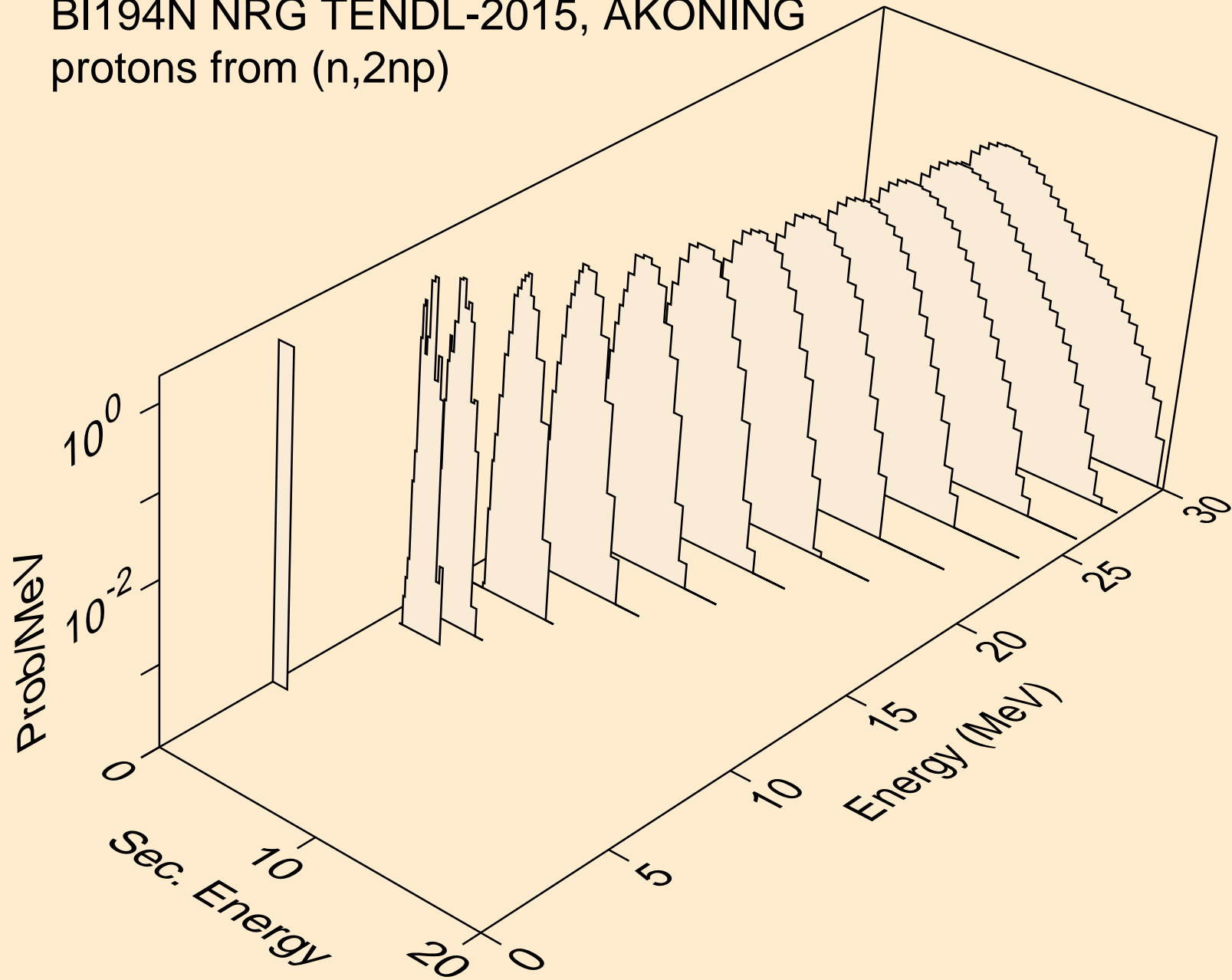
BI194N NRG TENDL-2015, AKONING  
protons from (n,2np)



BI194N NRG TENDL-2015, AKONING  
protons from (n,3np)

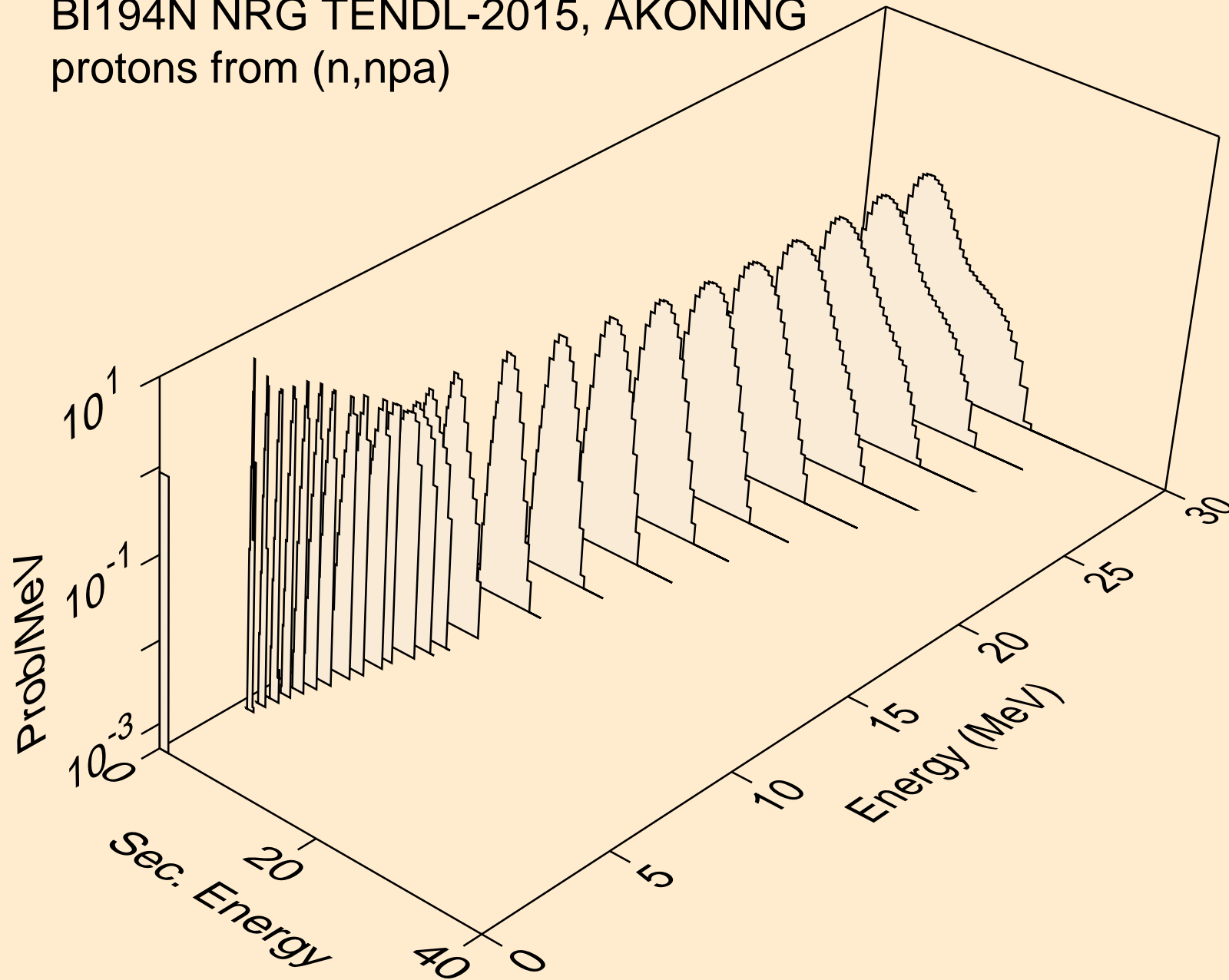


BI194N NRG TENDL-2015, AKONING  
protons from (n,2np)

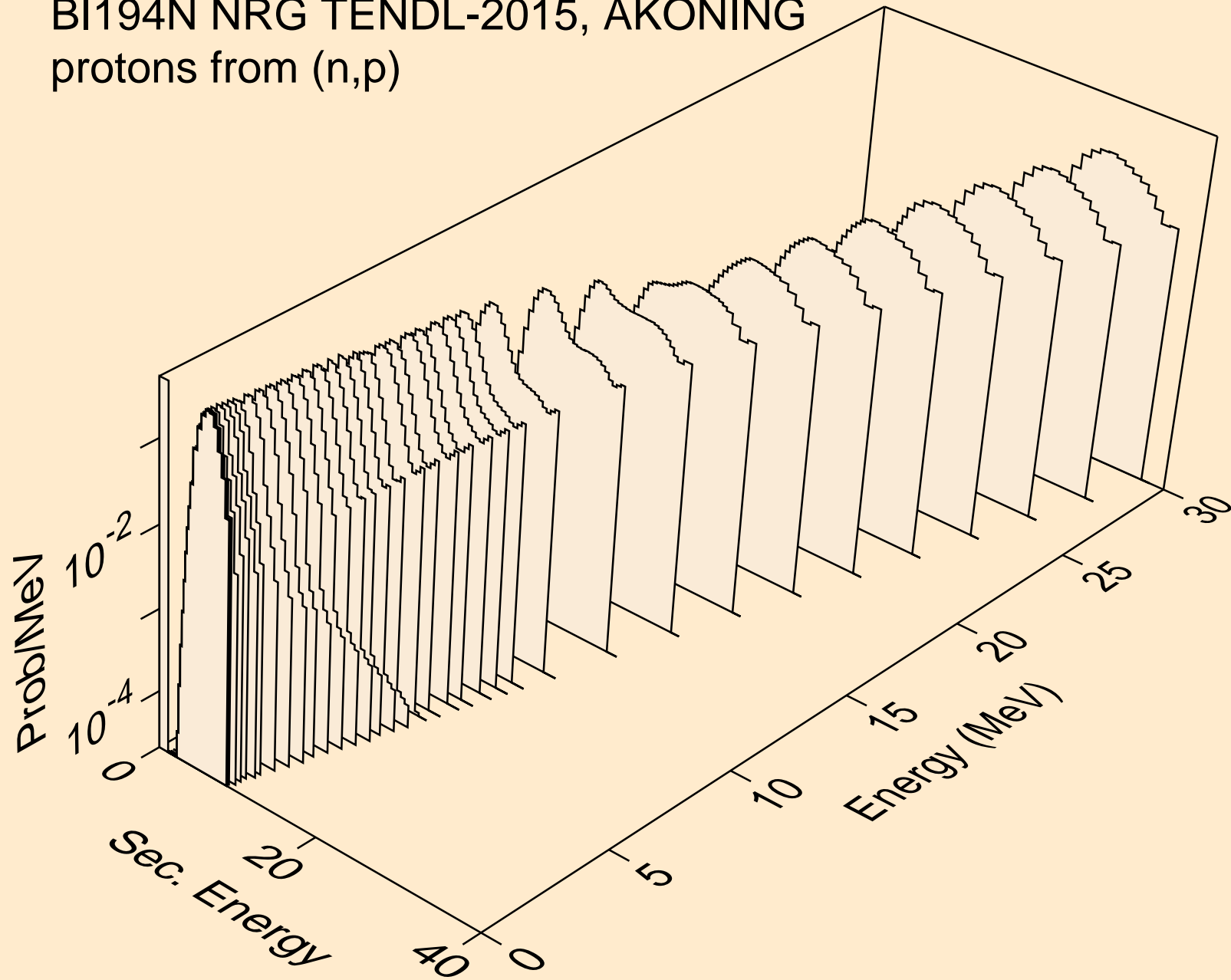




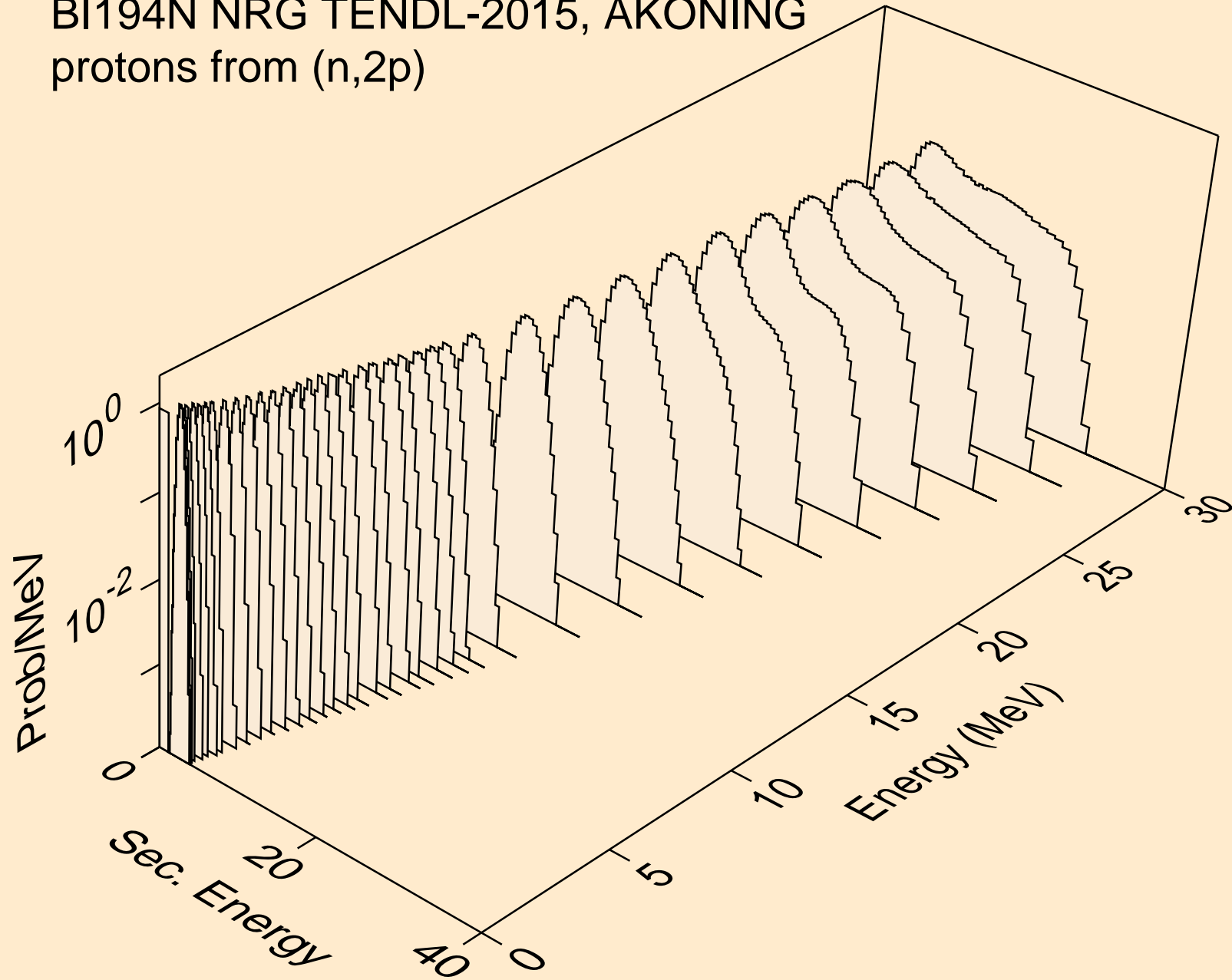
BI194N NRG TENDL-2015, AKONING  
protons from (n,npa)



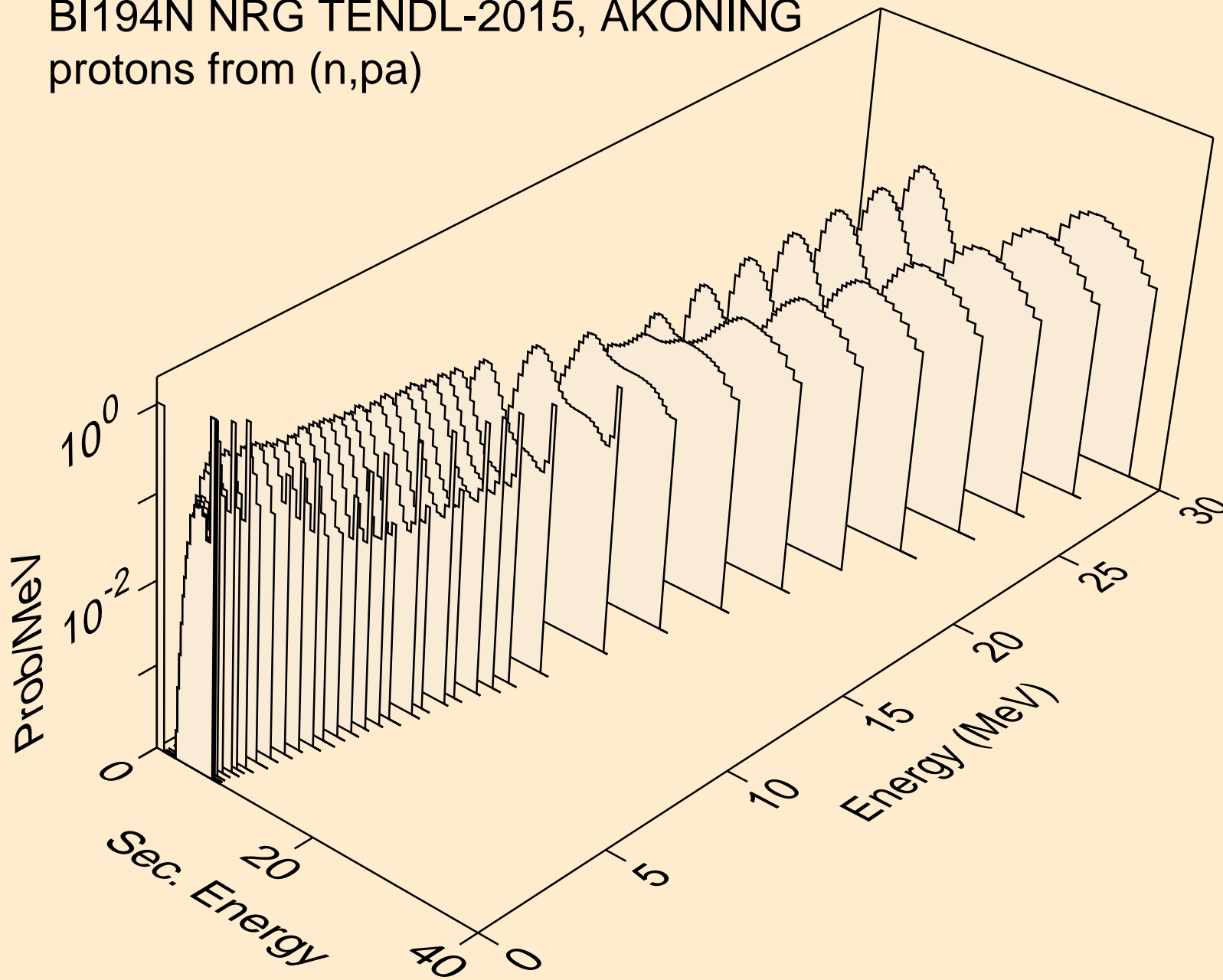
BI194N NRG TENDL-2015, AKONING  
protons from (n,p)



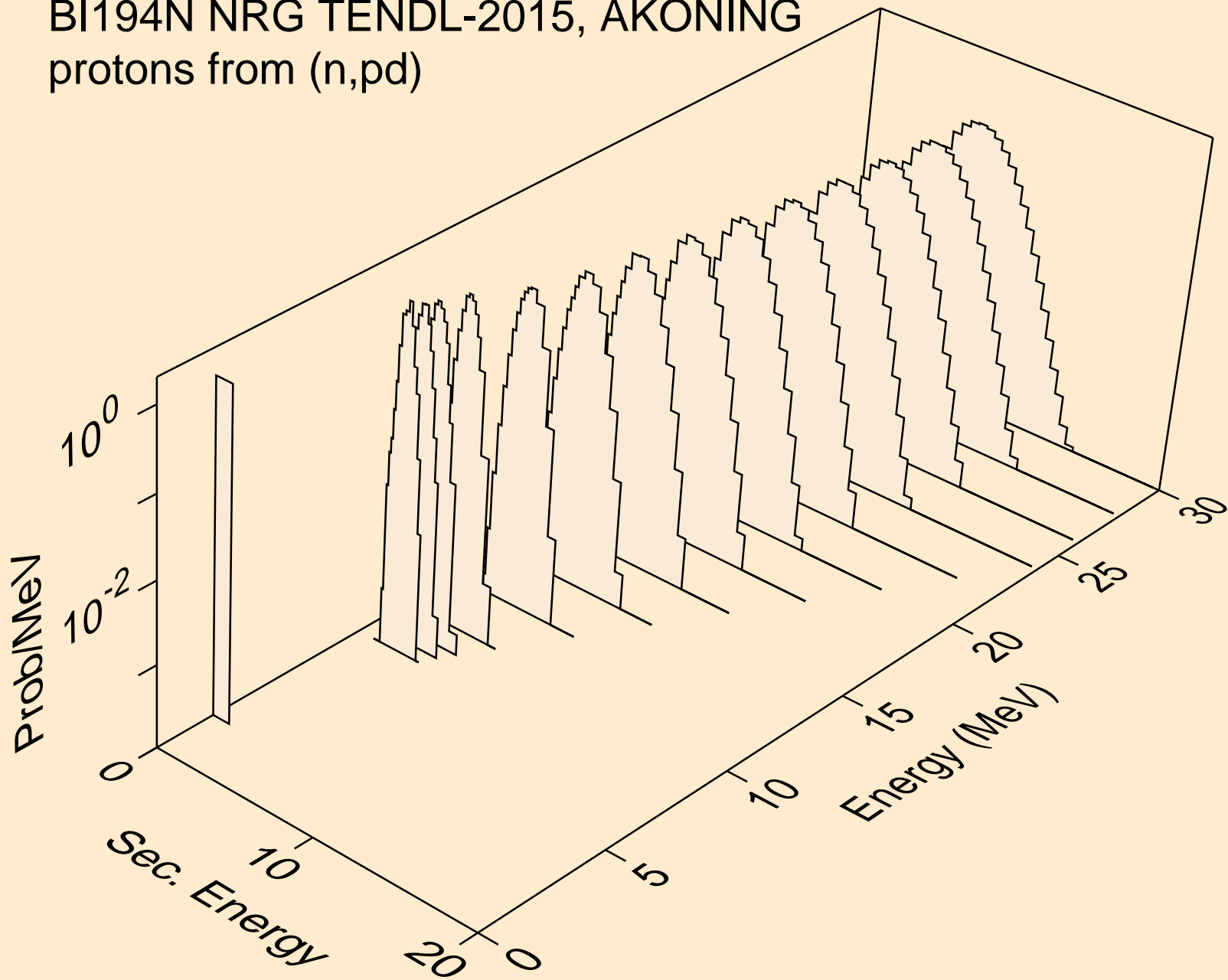
BI194N NRG TENDL-2015, AKONING  
protons from (n,2p)



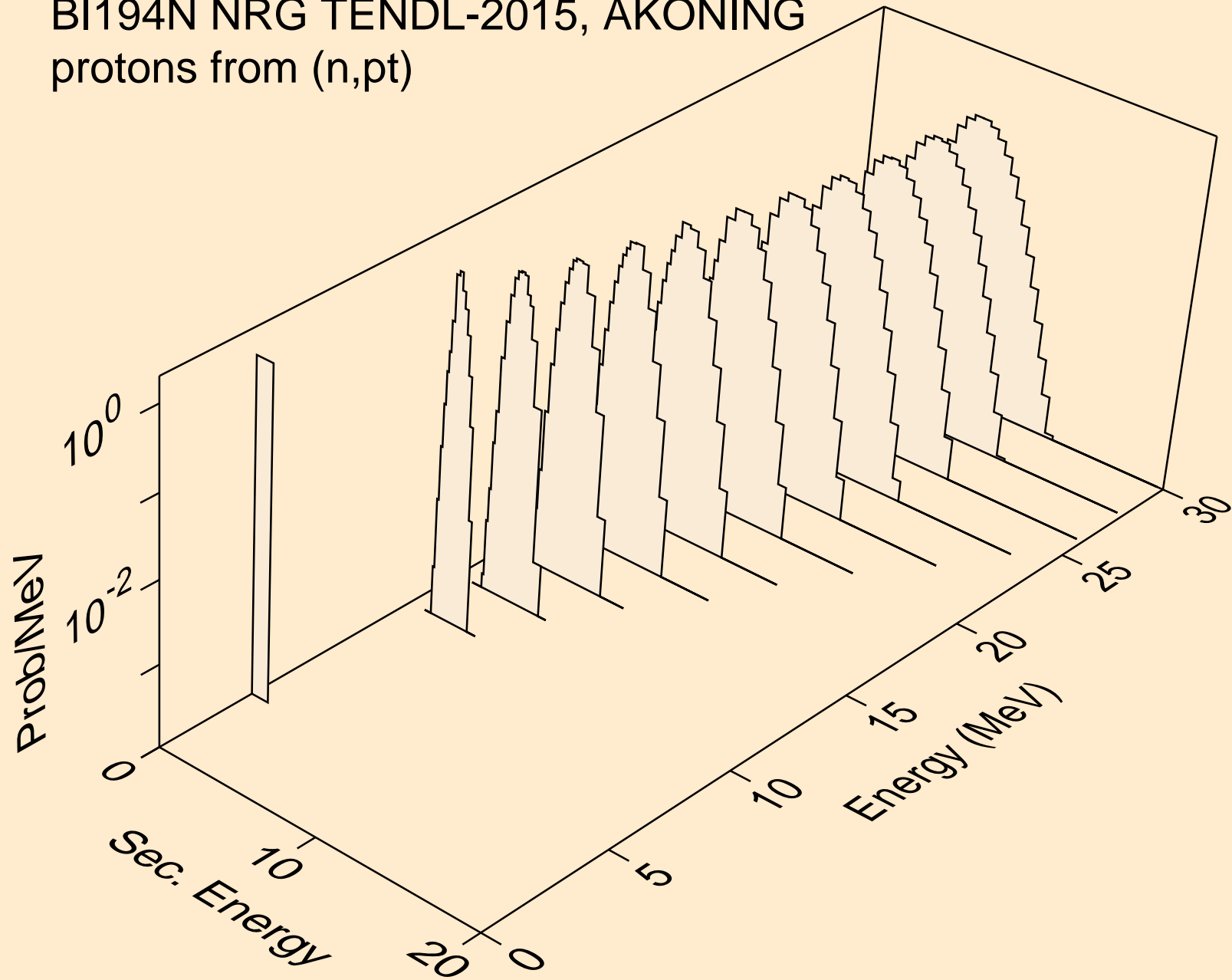
BI194N NRG TENDL-2015, AKONING  
protons from (n,pa)



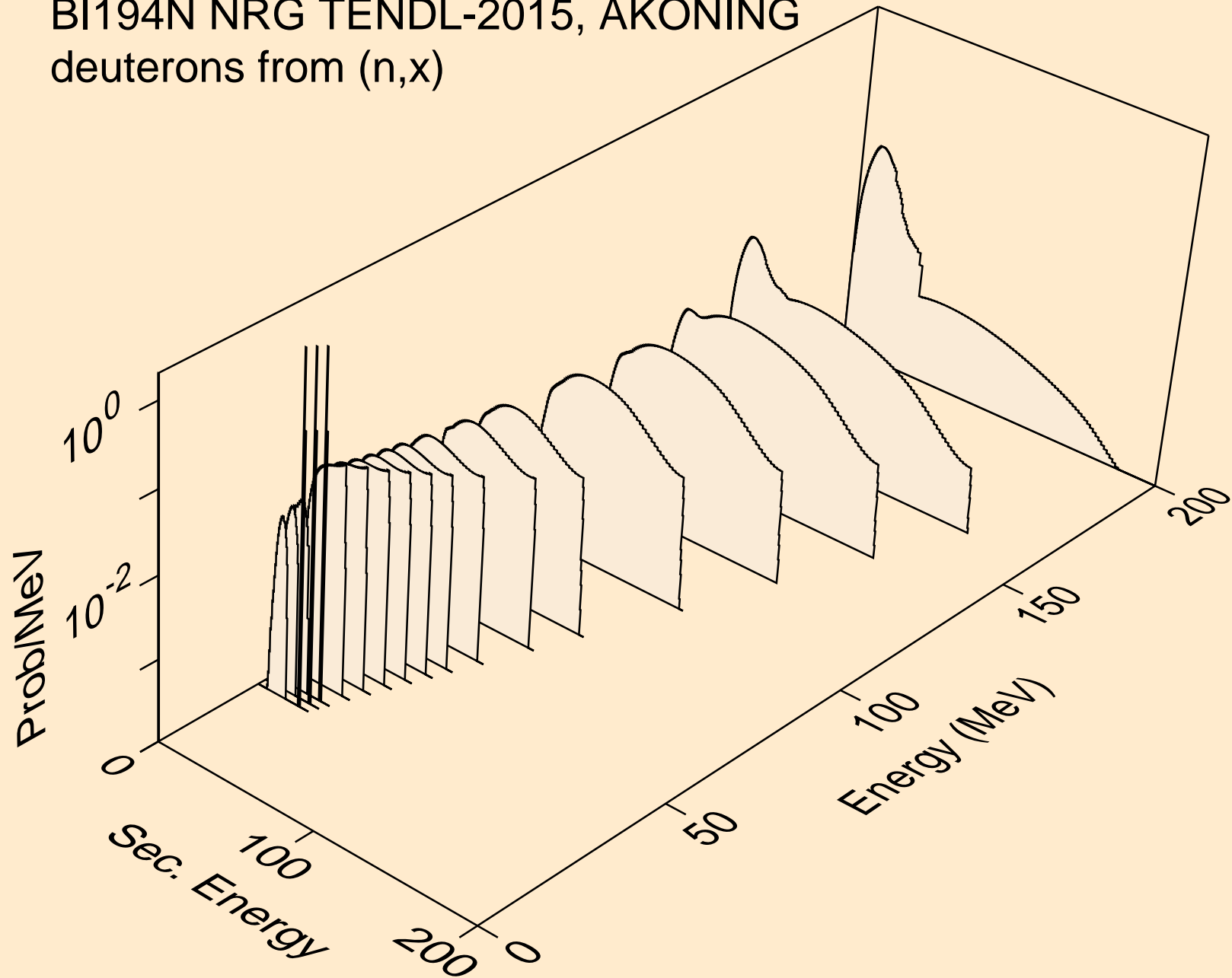
BI194N NRG TENDL-2015, AKONING  
protons from (n,pd)



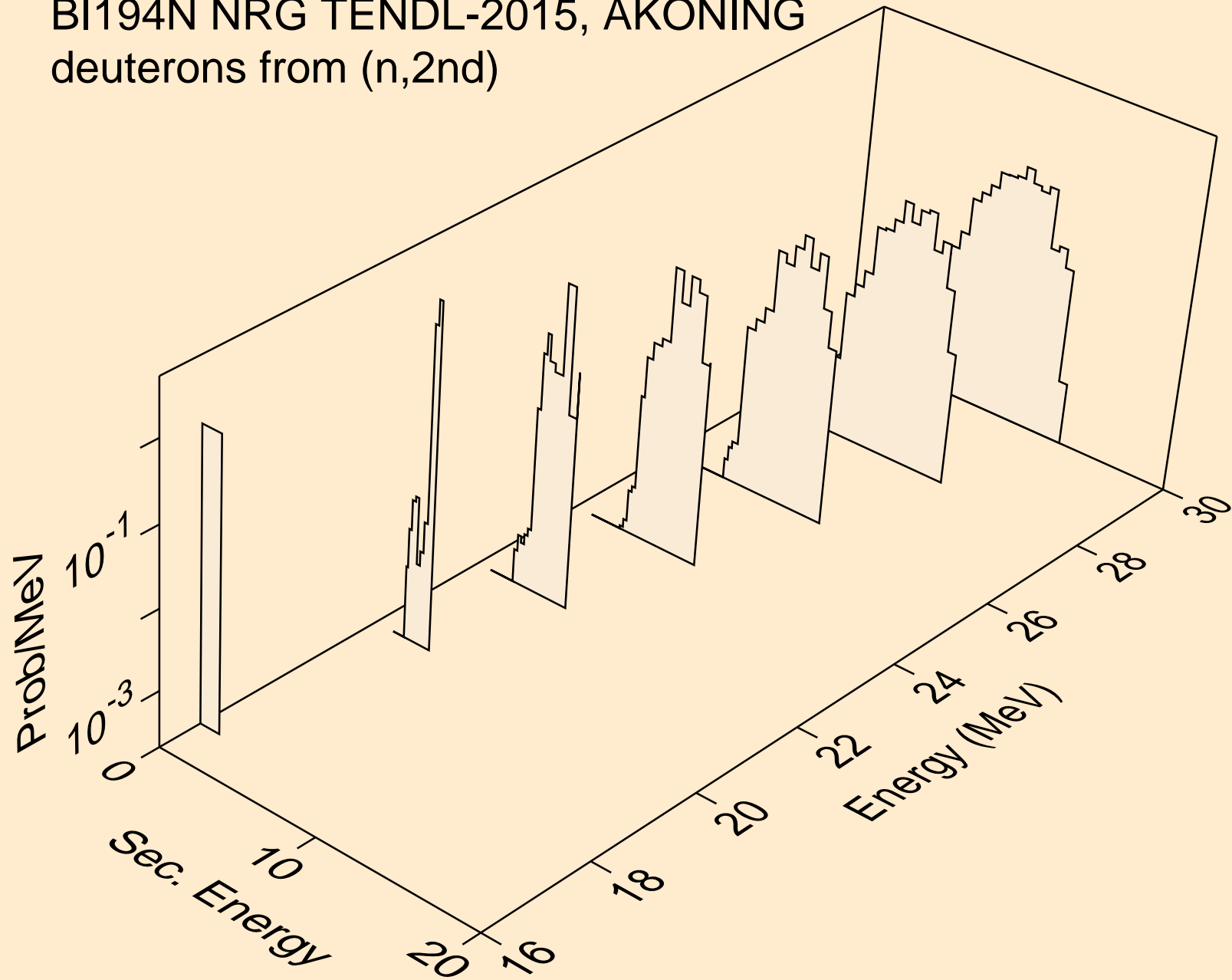
BI194N NRG TENDL-2015, AKONING  
protons from (n,pt)



BI194N NRG TENDL-2015, AKONING  
deuterons from (n,x)

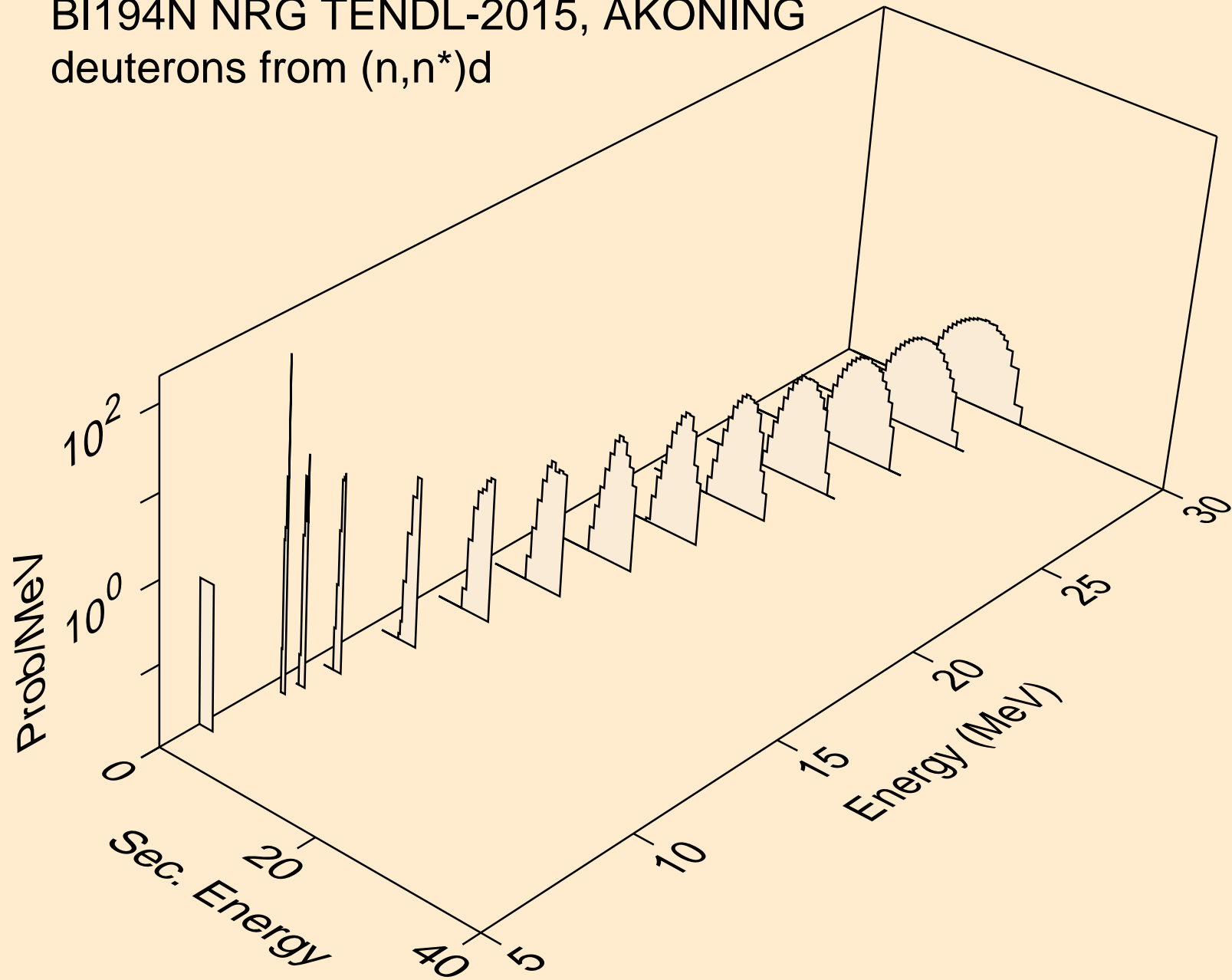


BI194N NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

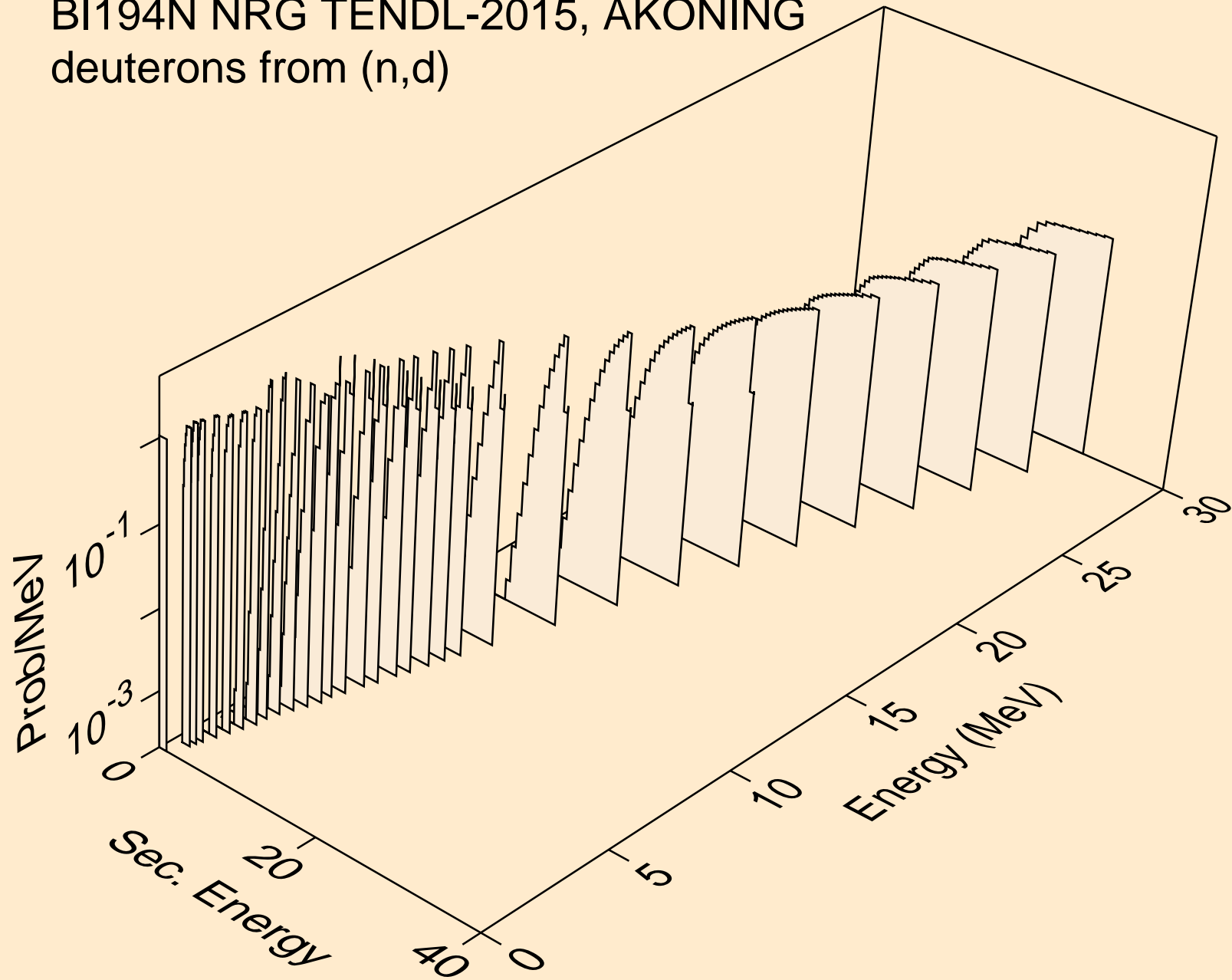




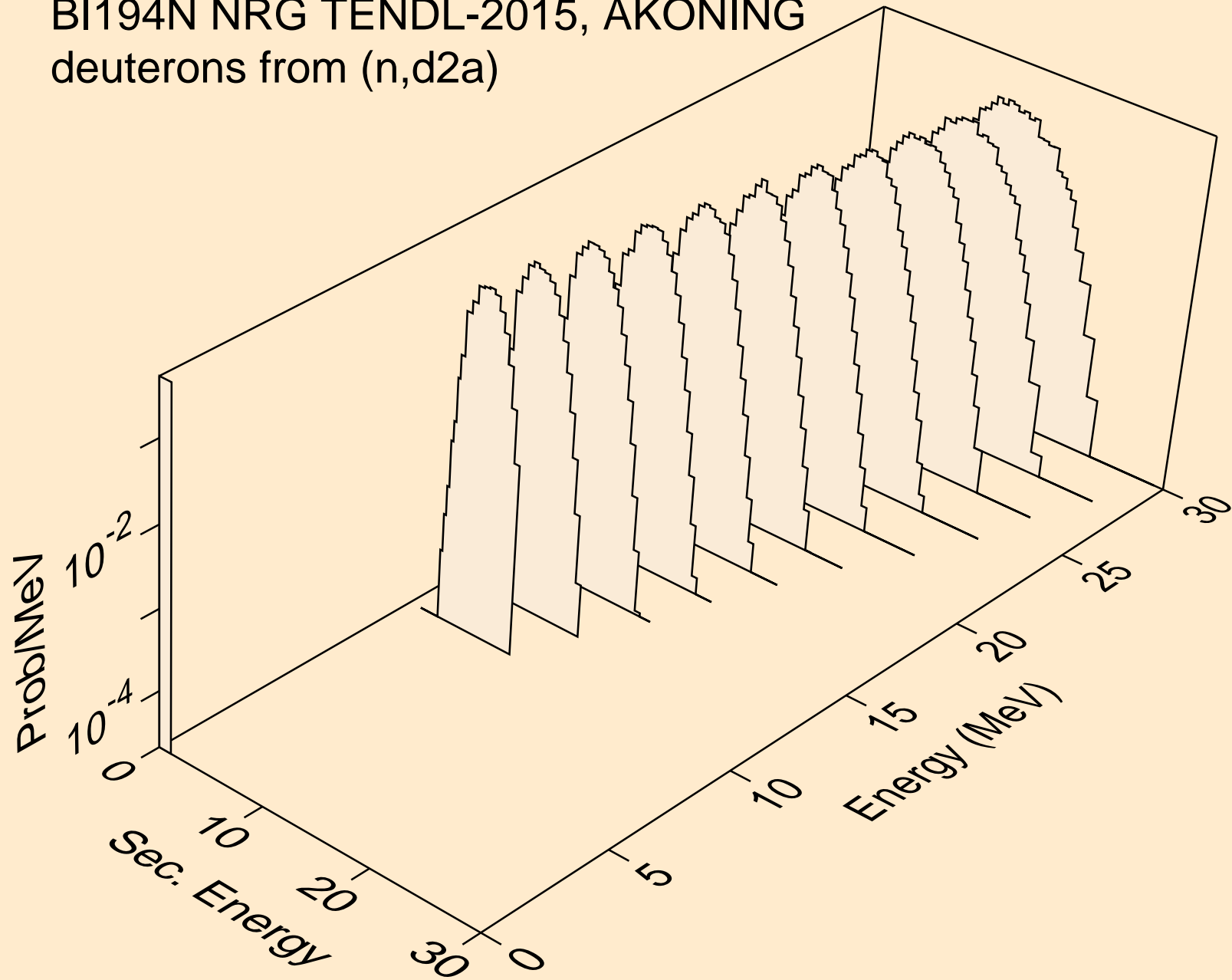
BI194N NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



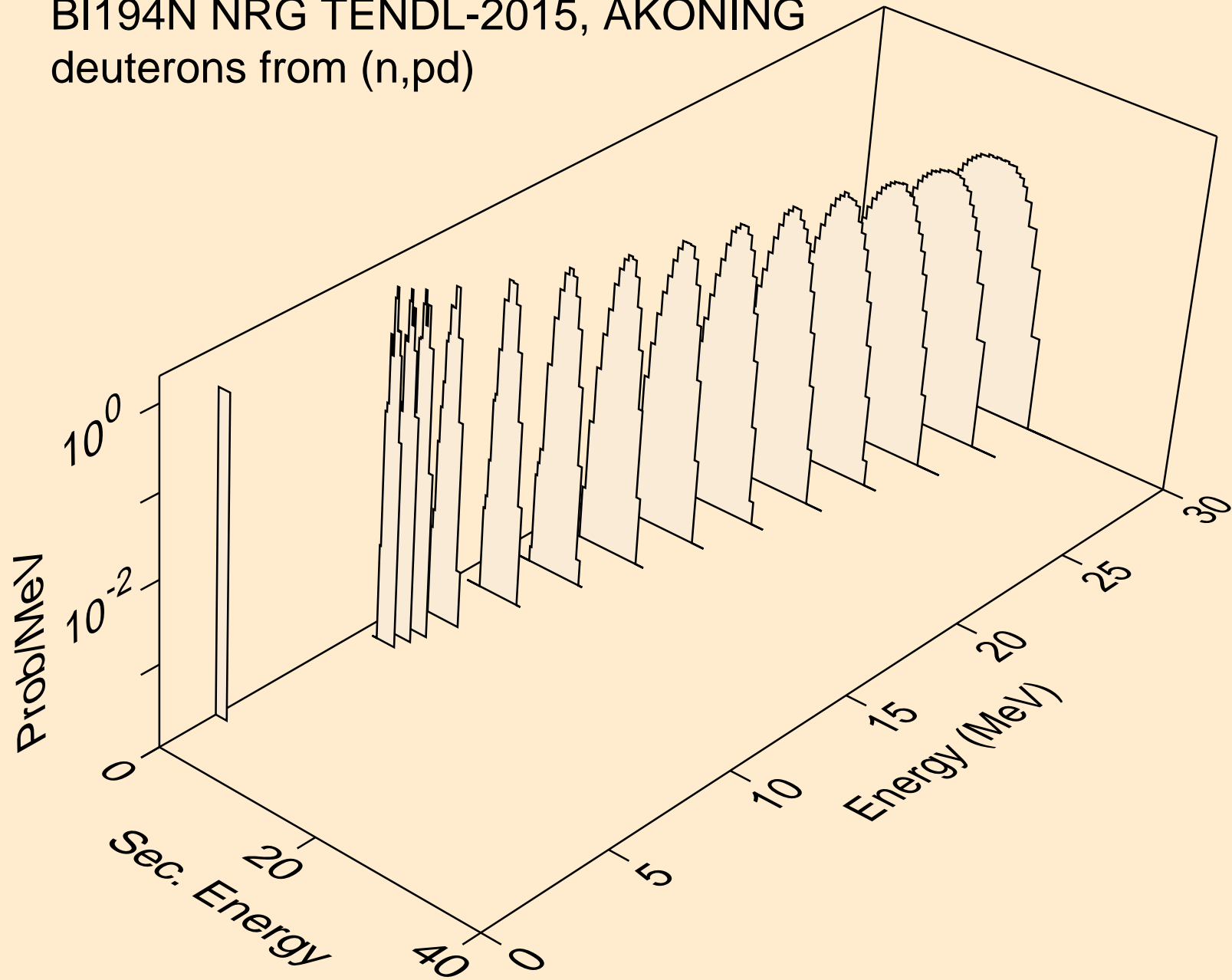
BI194N NRG TENDL-2015, AKONING  
deuterons from (n,d)



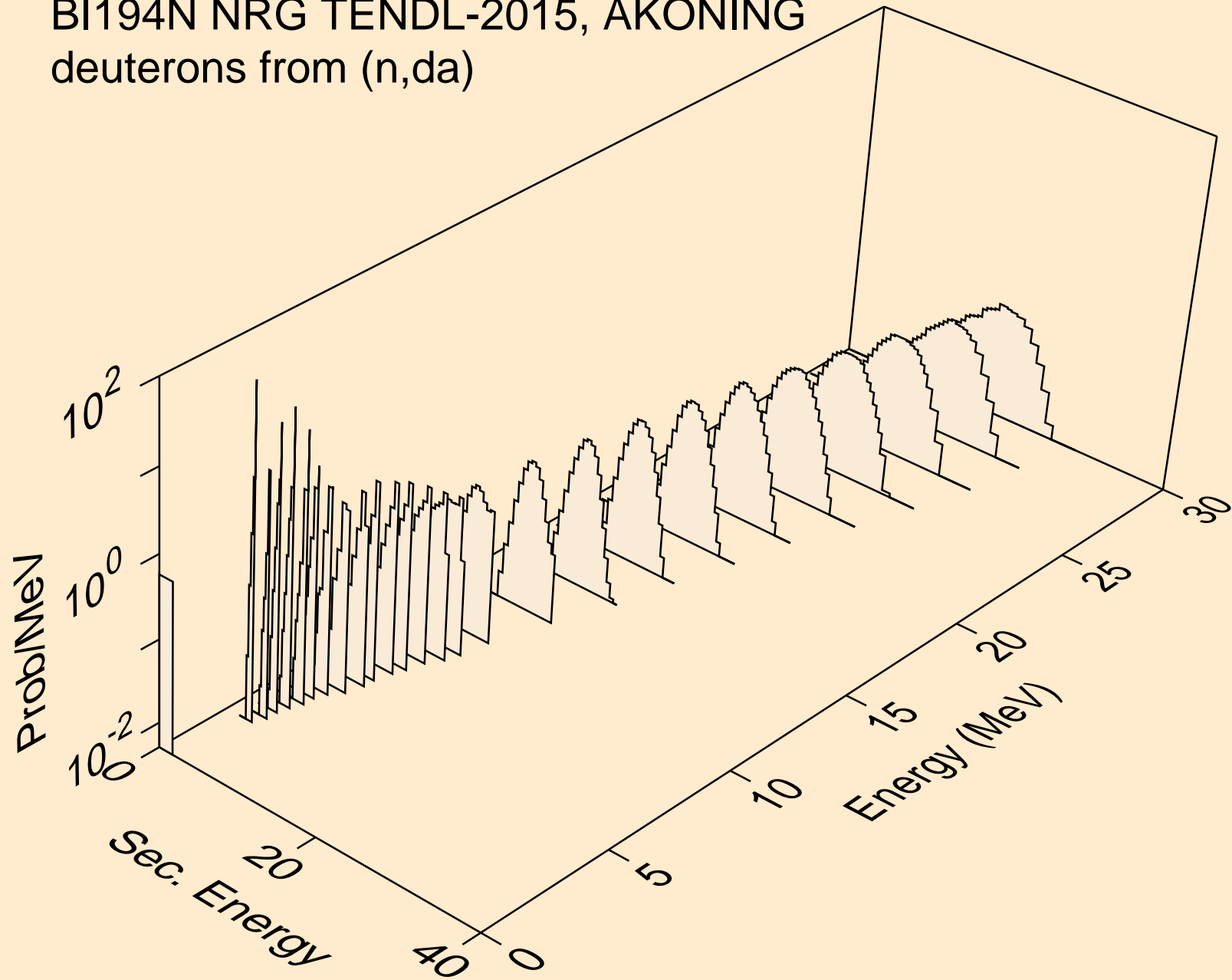
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deuterons from (n,d2a)



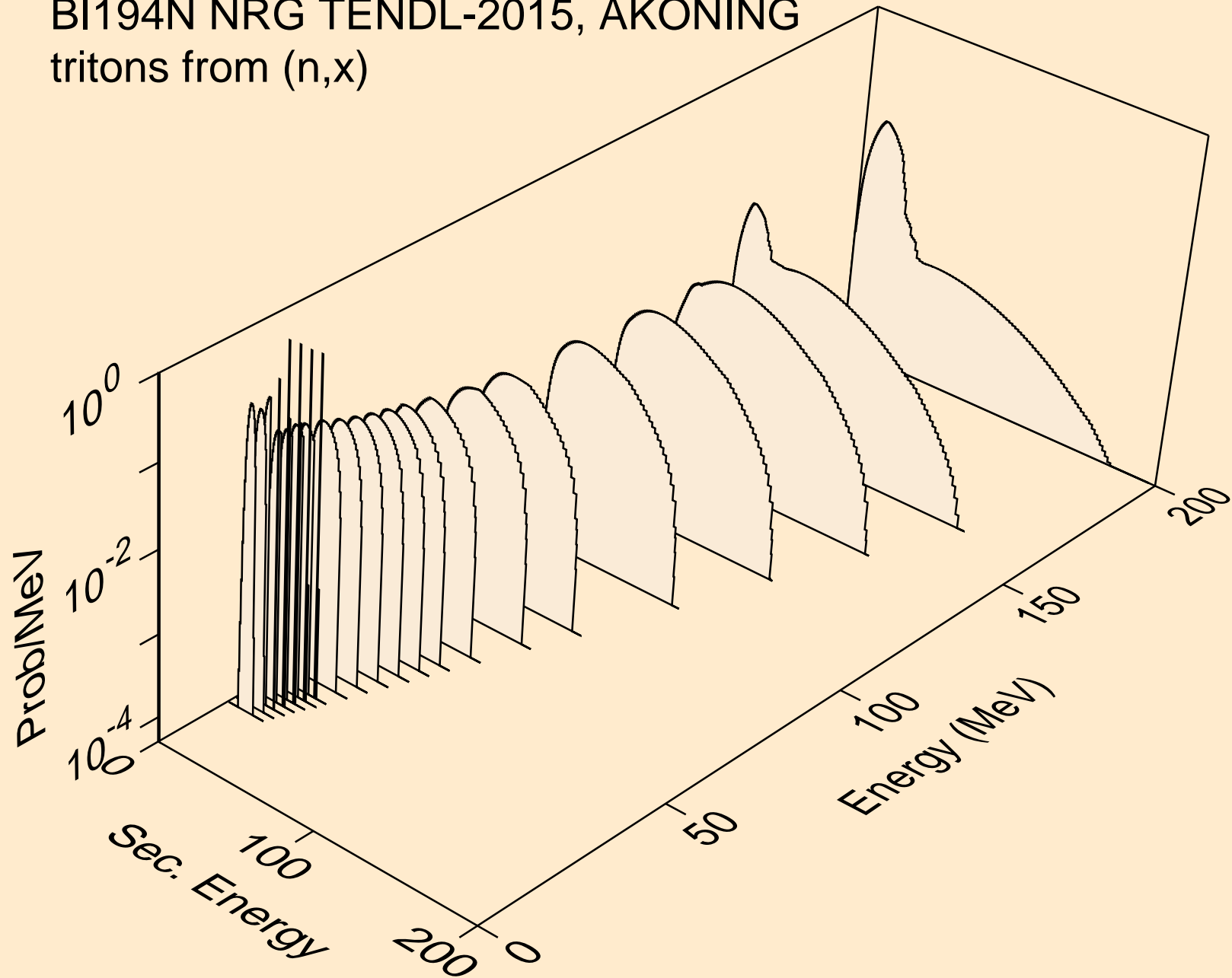
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deuterons from (n,pd)



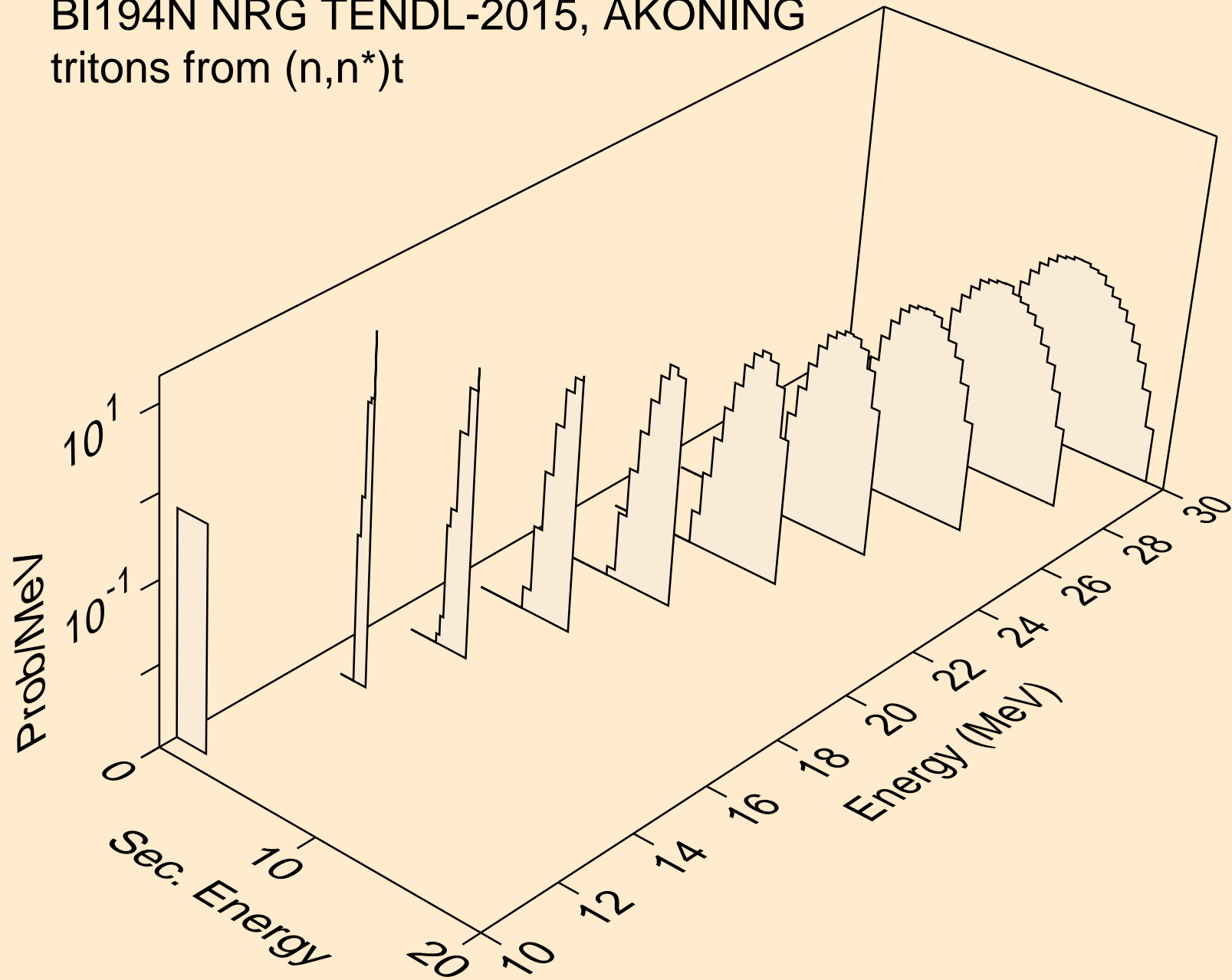
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deuterons from (n,da)



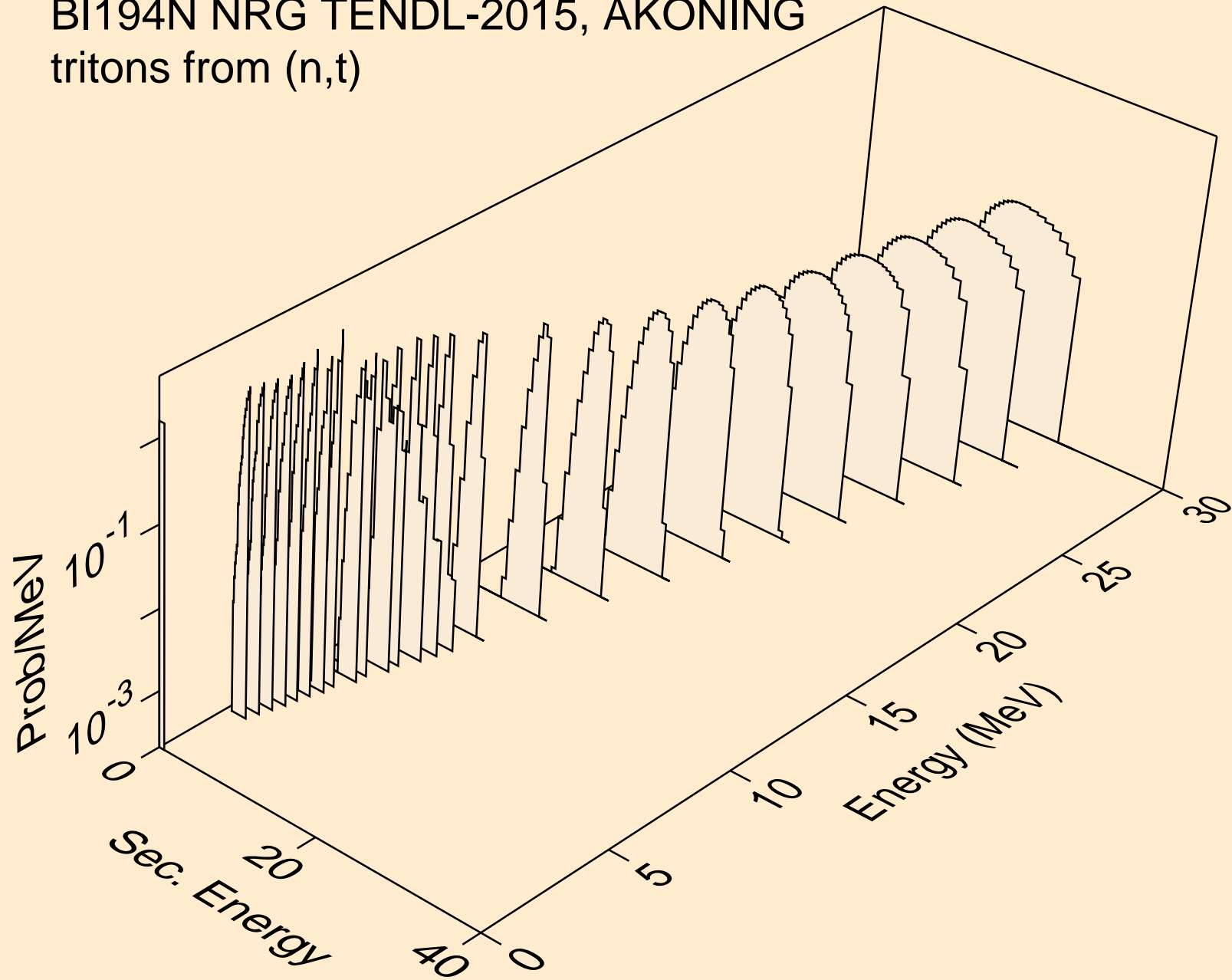
BI194N NRG TENDL-2015, AKONING  
tritons from (n,x)



BI194N NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

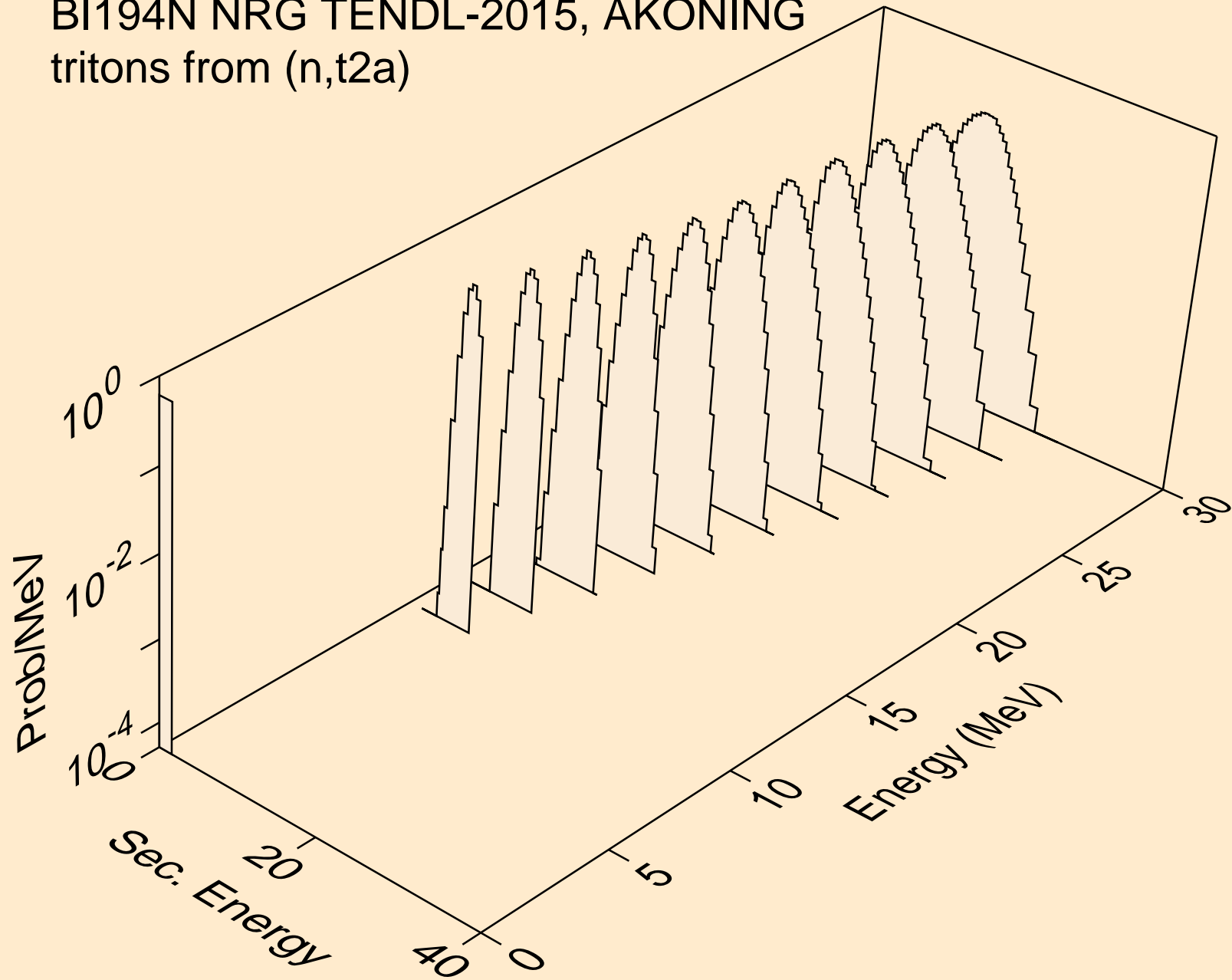


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tritons from (n,t)

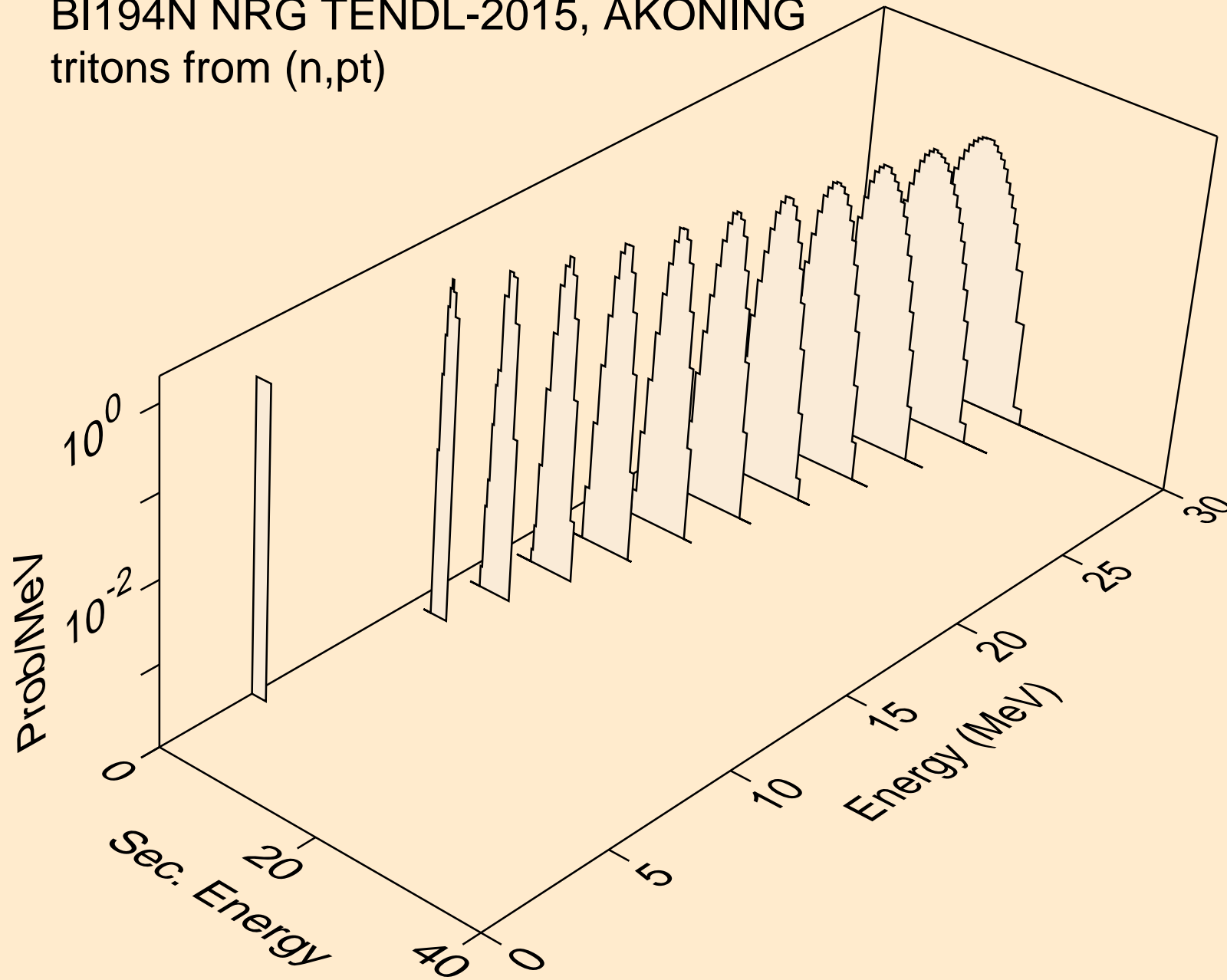




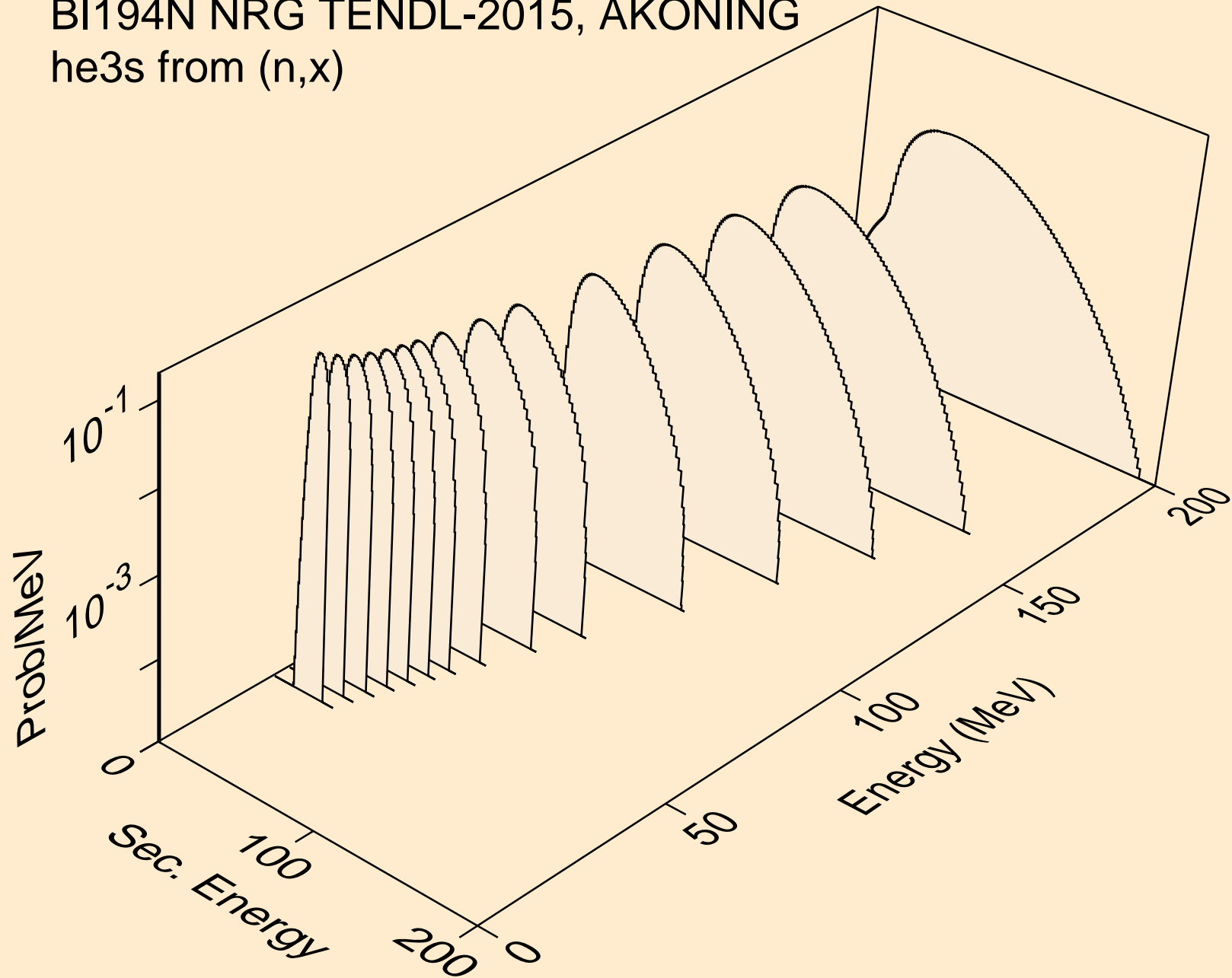
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tritons from (n,t2a)



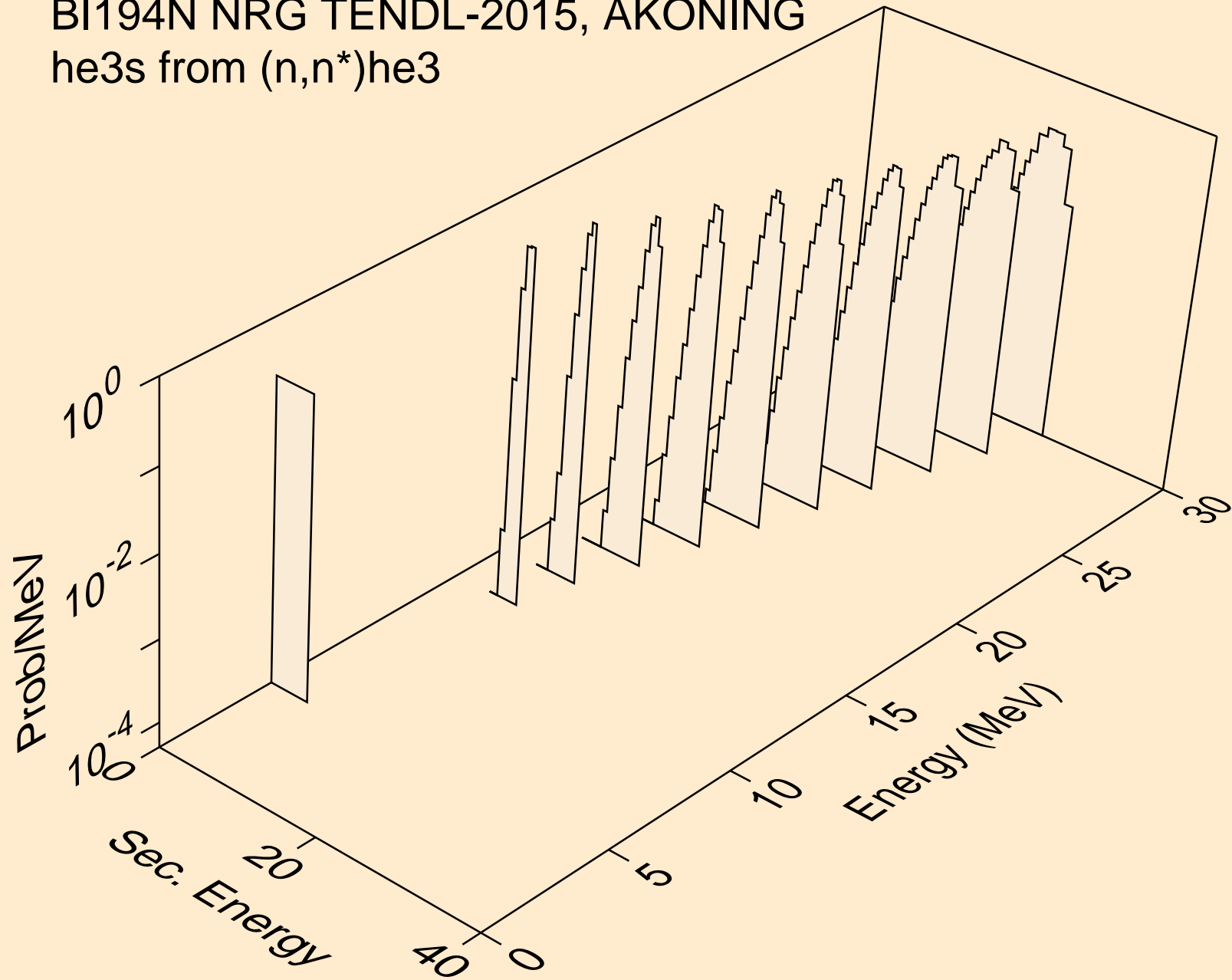
BI194N NRG TENDL-2015, AKONING  
tritons from (n,pt)



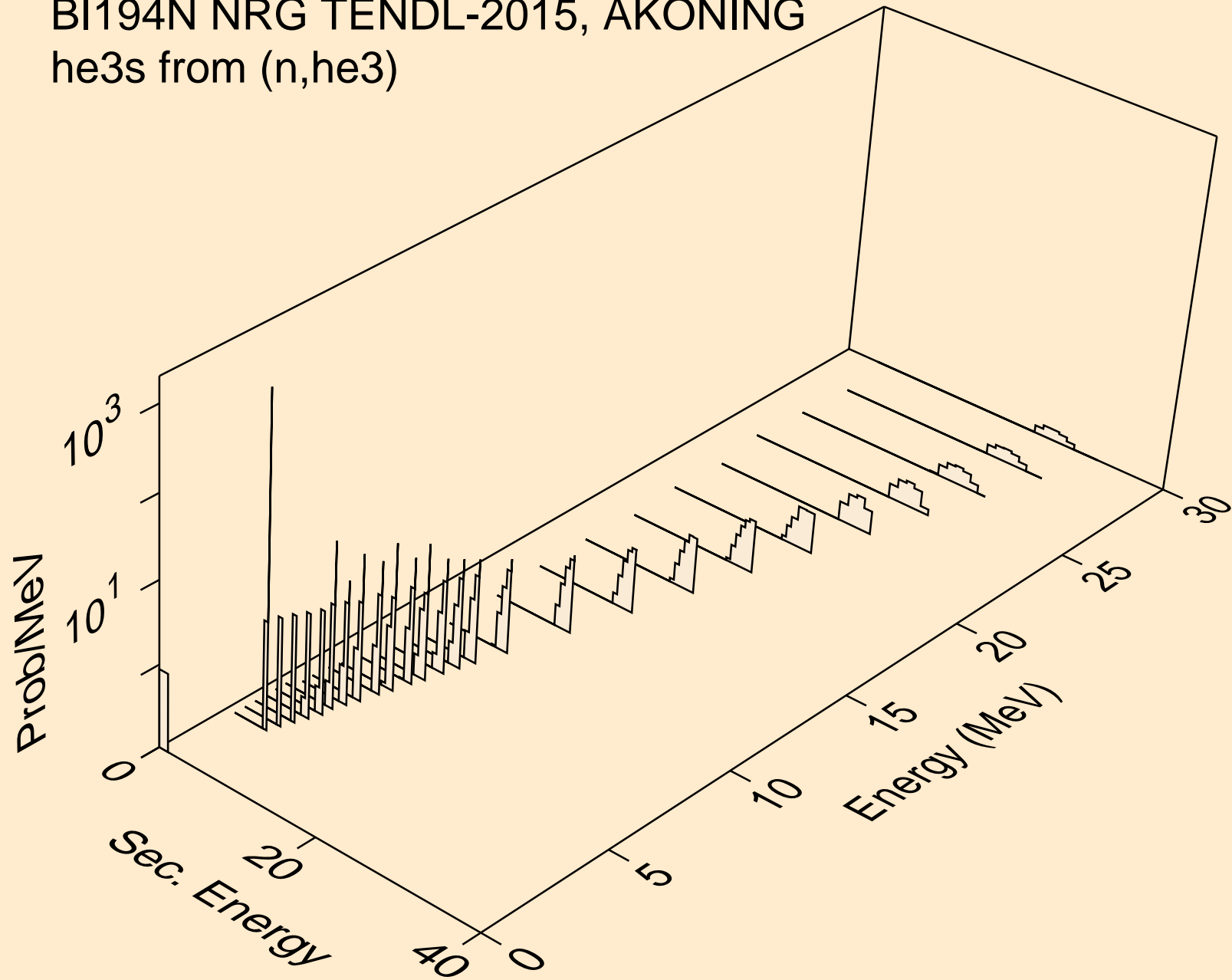
BI194N NRG TENDL-2015, AKONING  
he3s from (n,x)



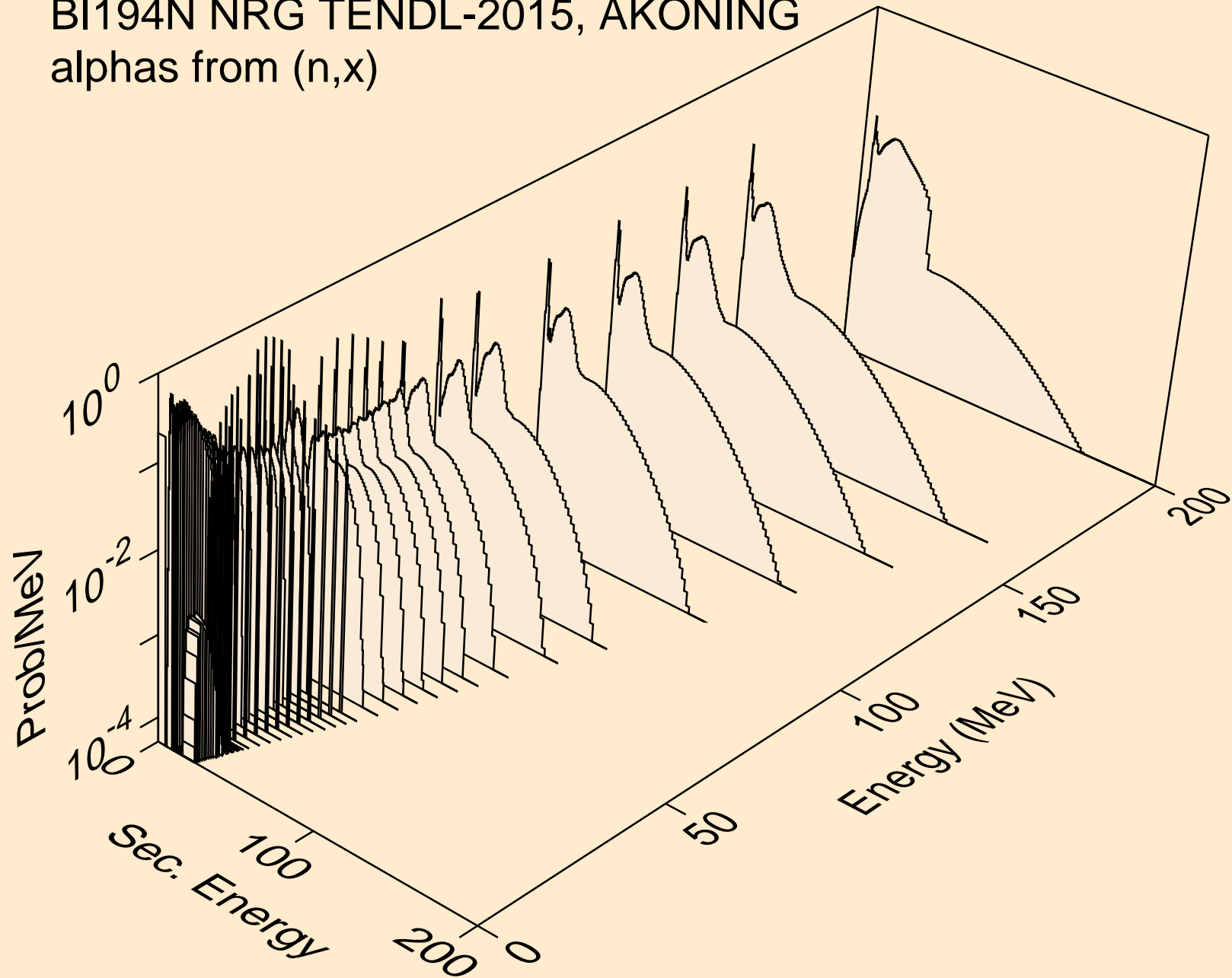
BI194N NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



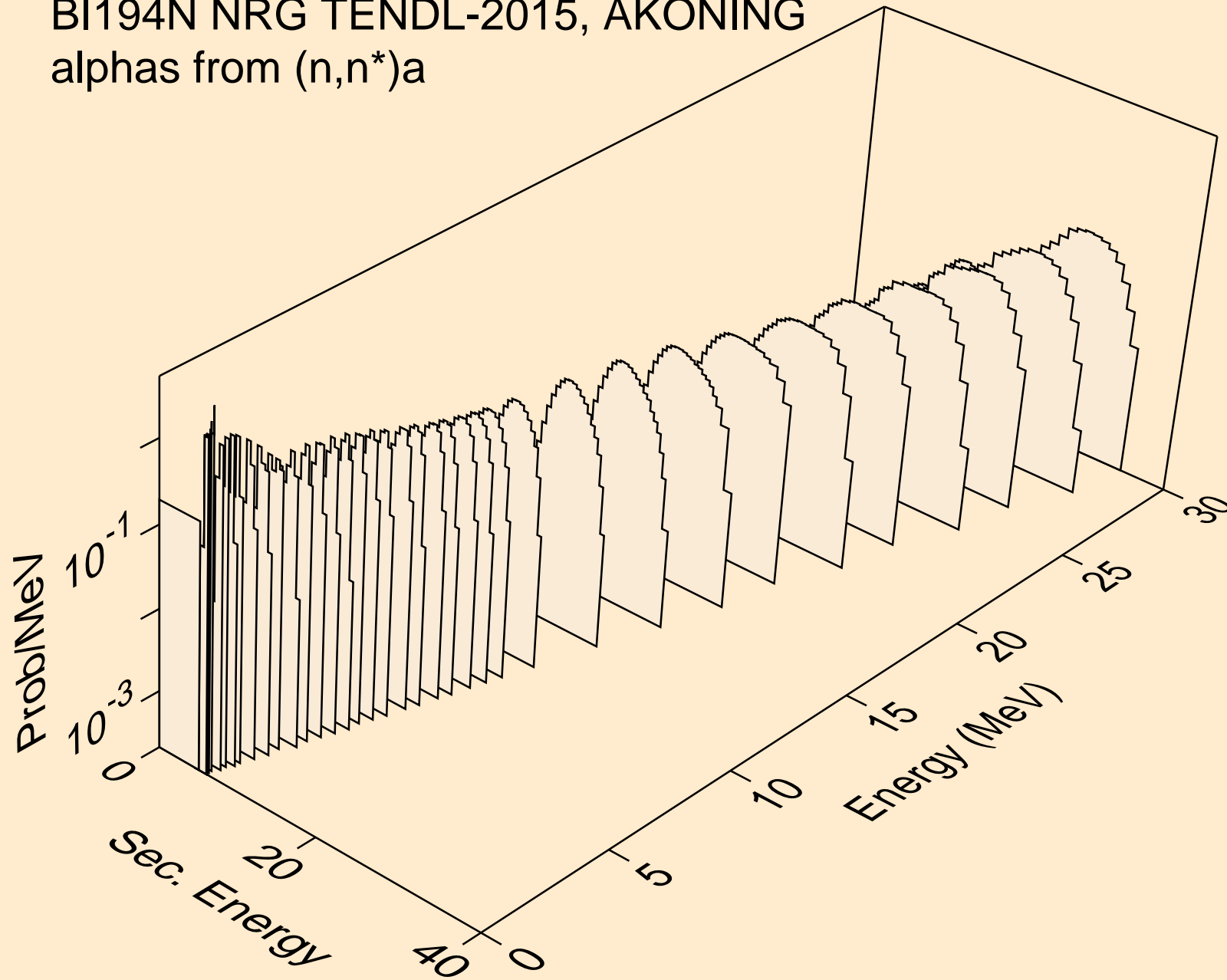
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he3s from (n,he3)



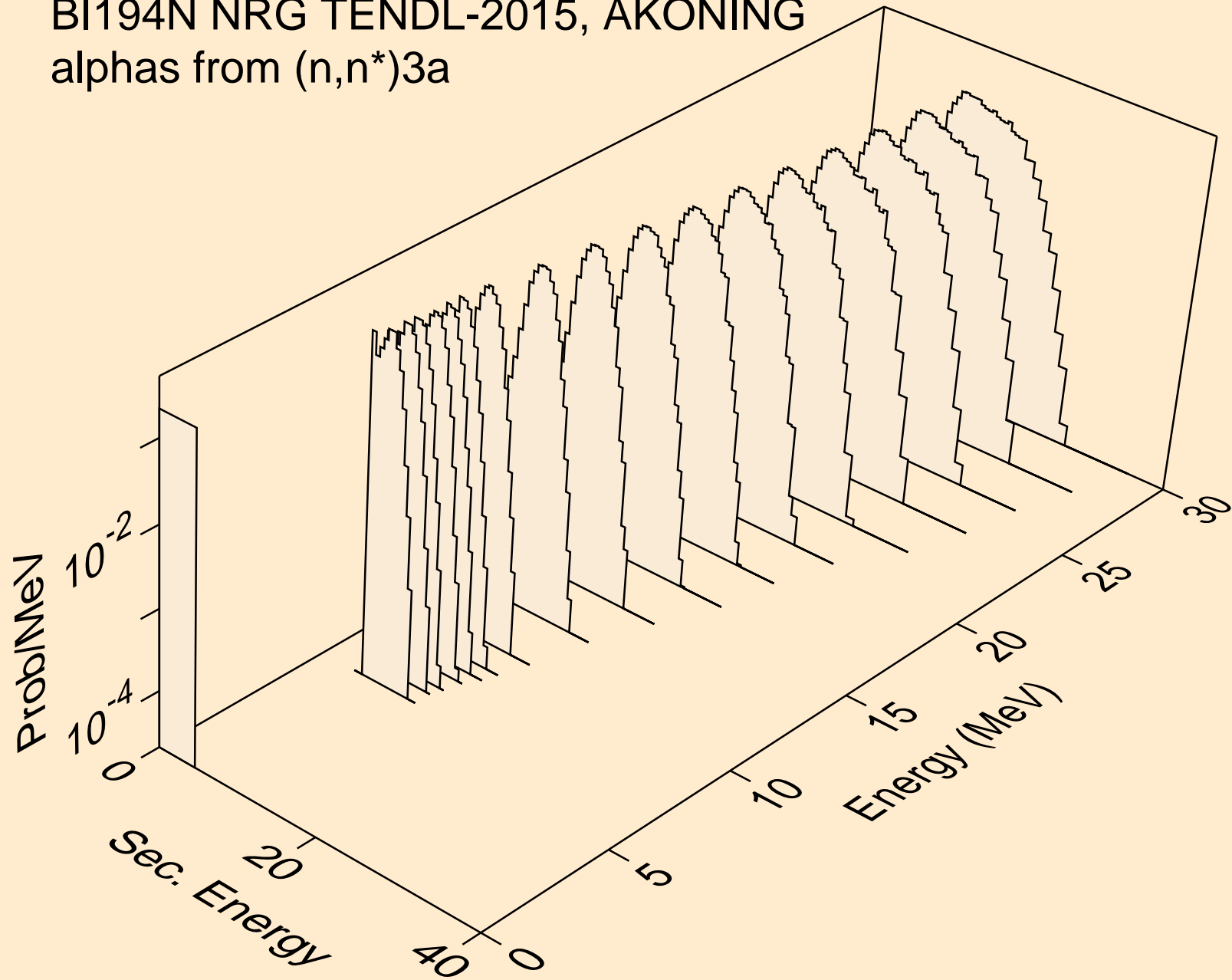
BI194N NRG TENDL-2015, AKONING  
alphas from (n,x)



BI194N NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

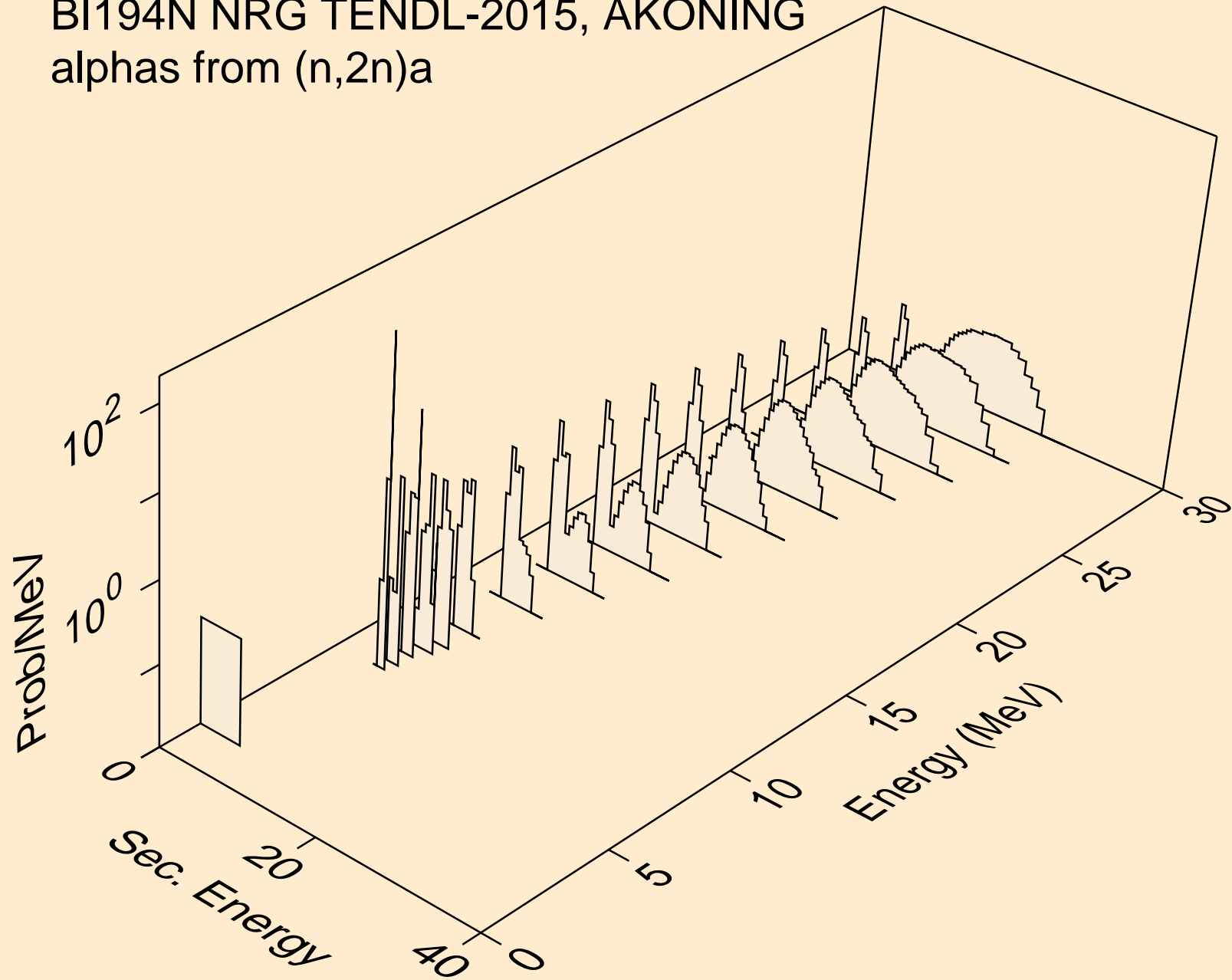


BI194N NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

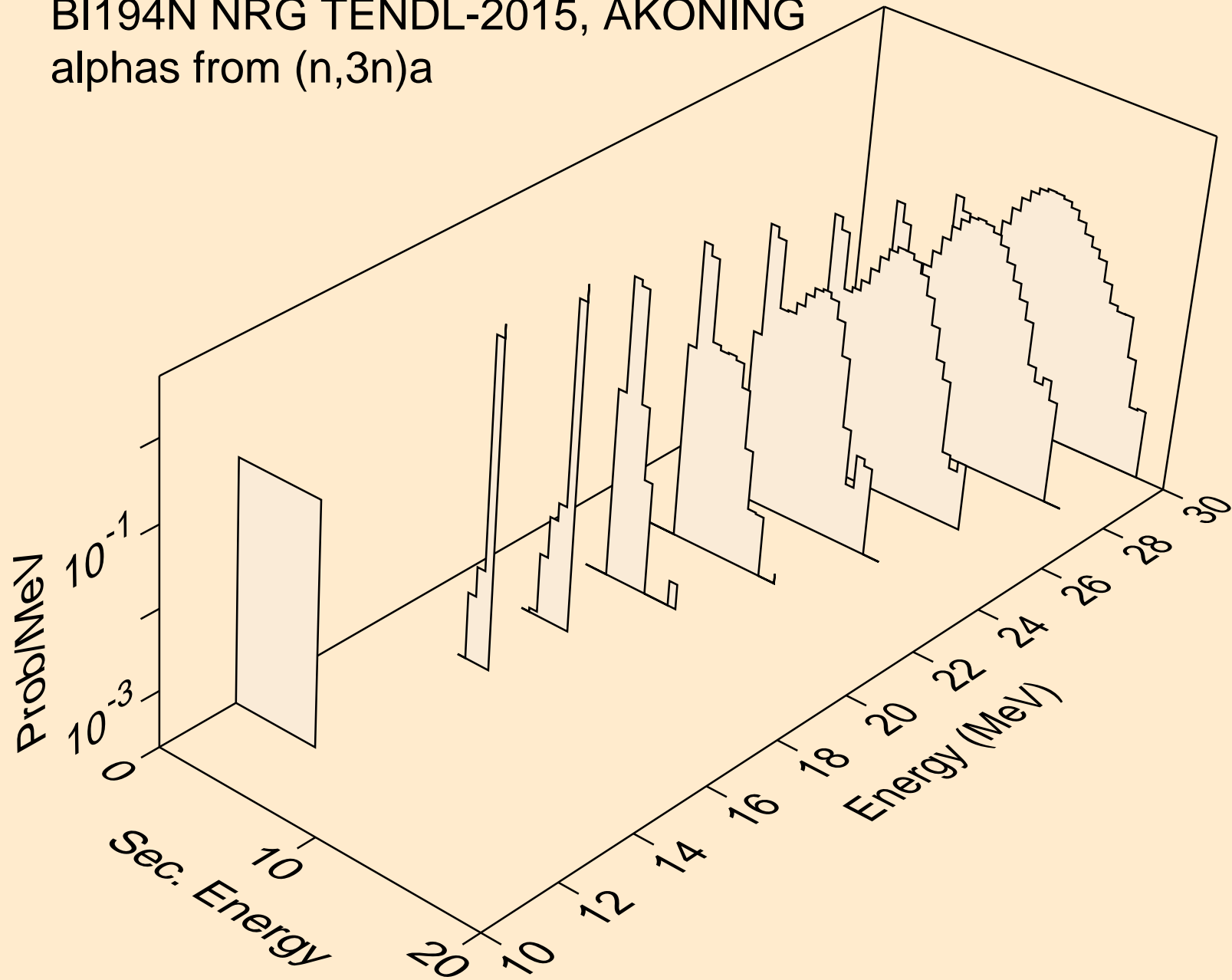




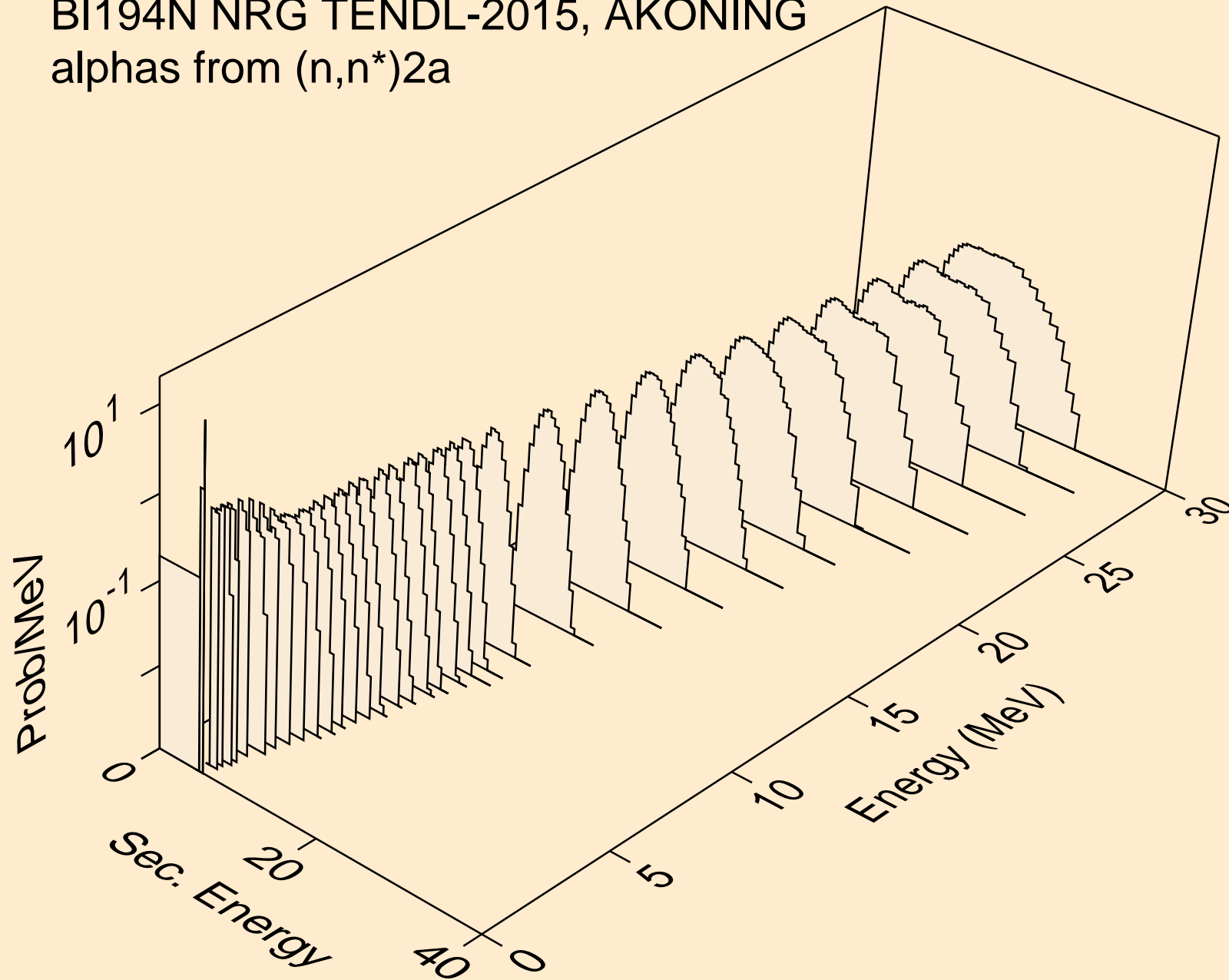
BI194N NRG TENDL-2015, AKONING  
alphas from (n,2n)a



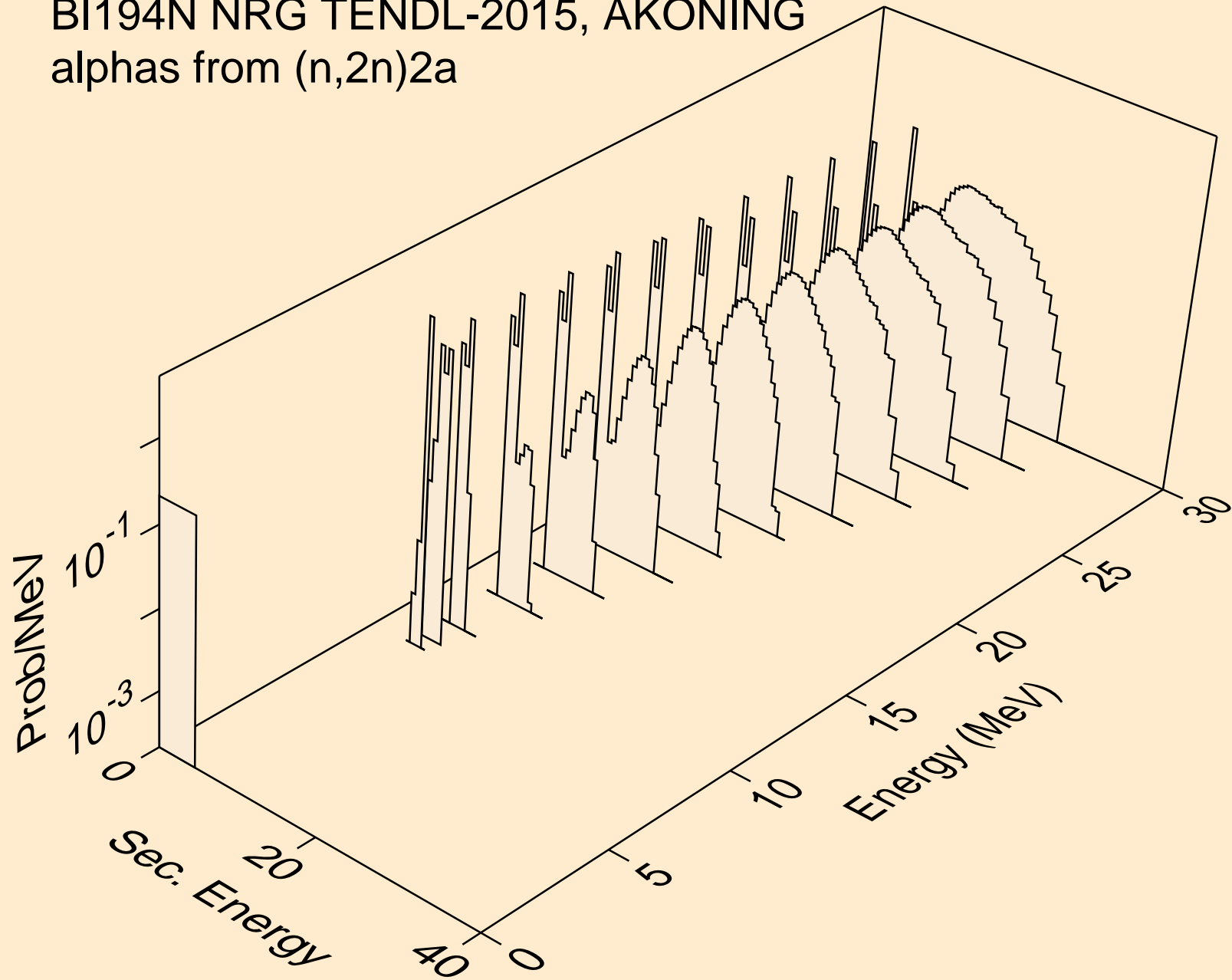
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alphas from (n,3n)a



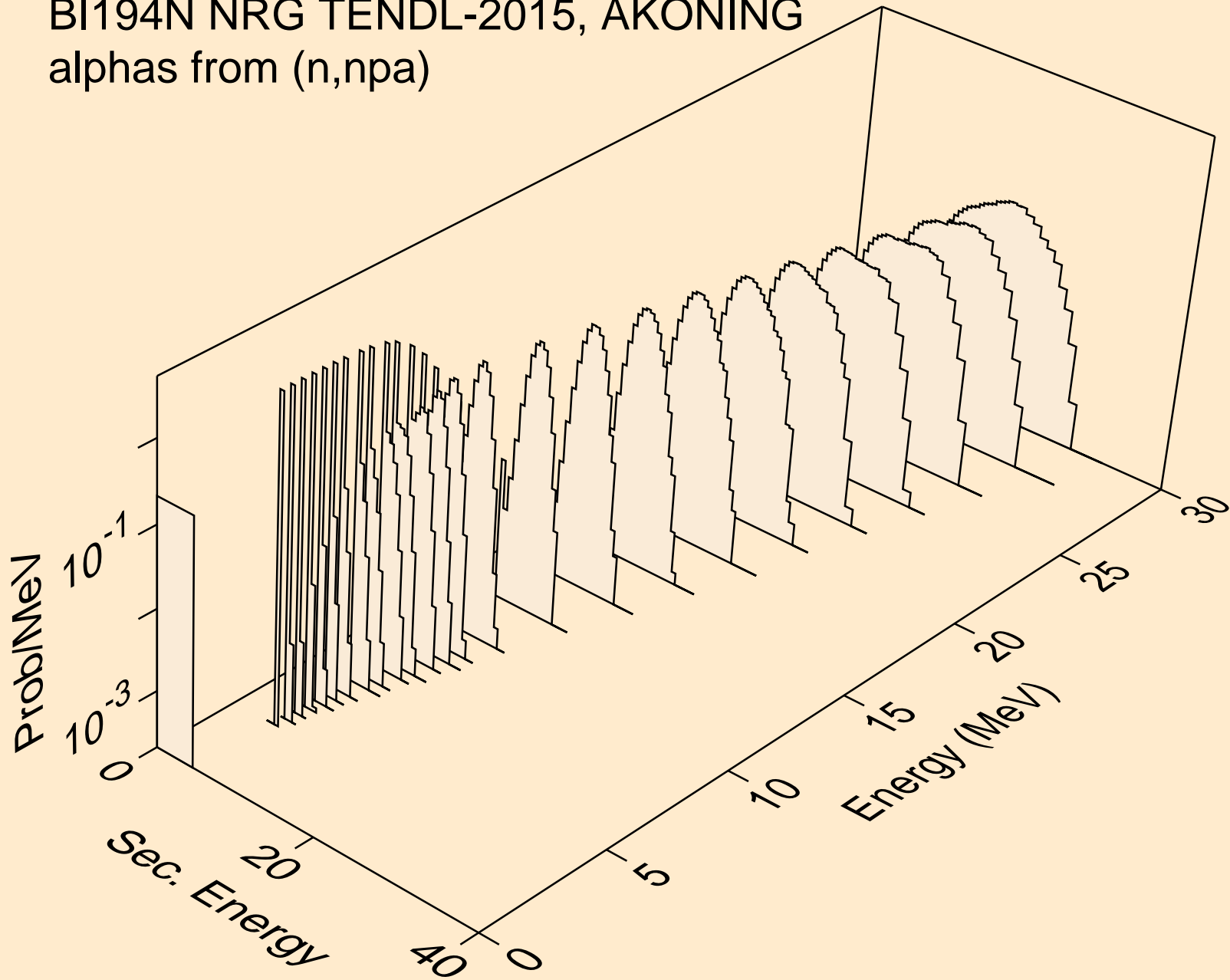
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alphas from (n,n\*)2a



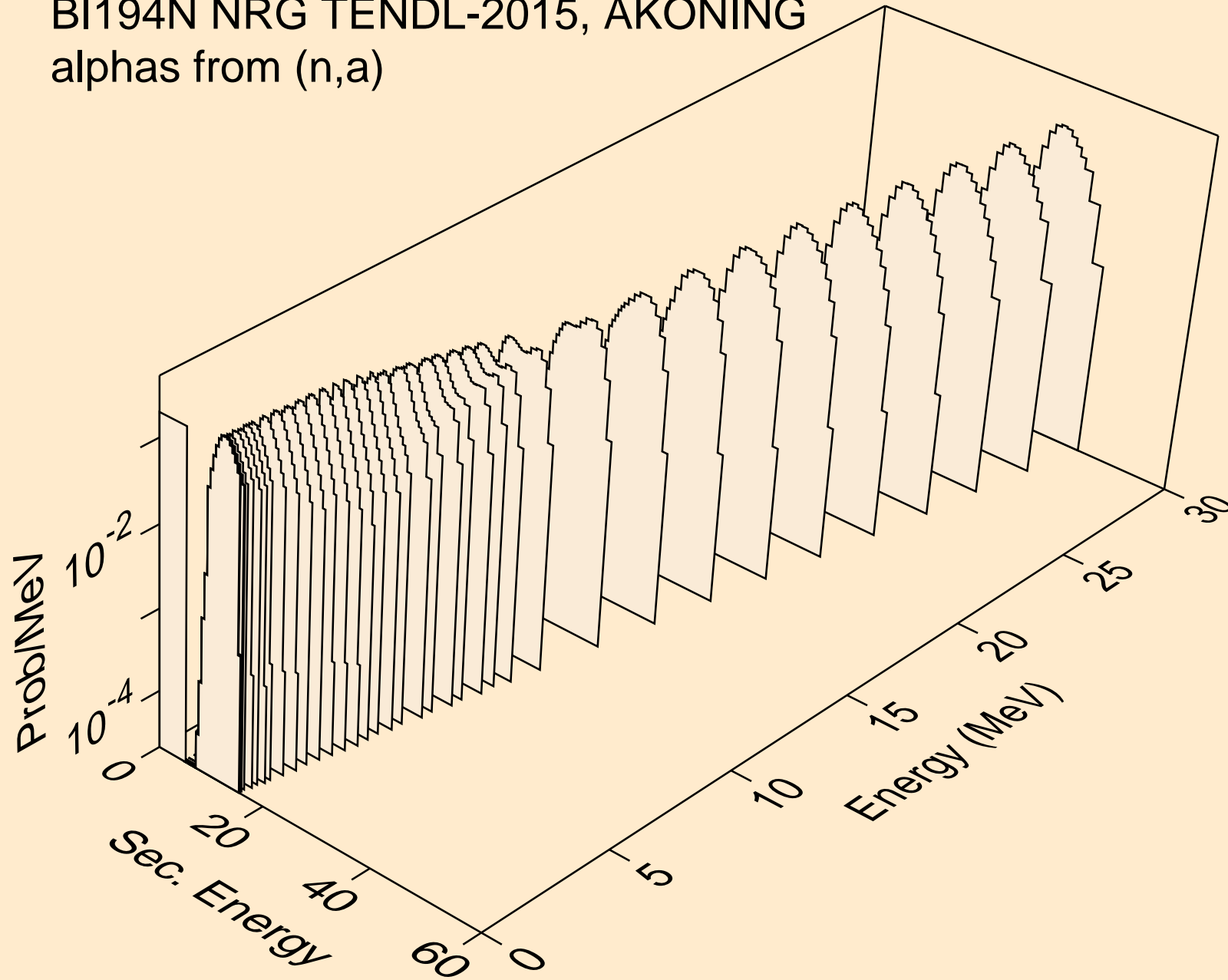
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alphas from (n,2n)2a



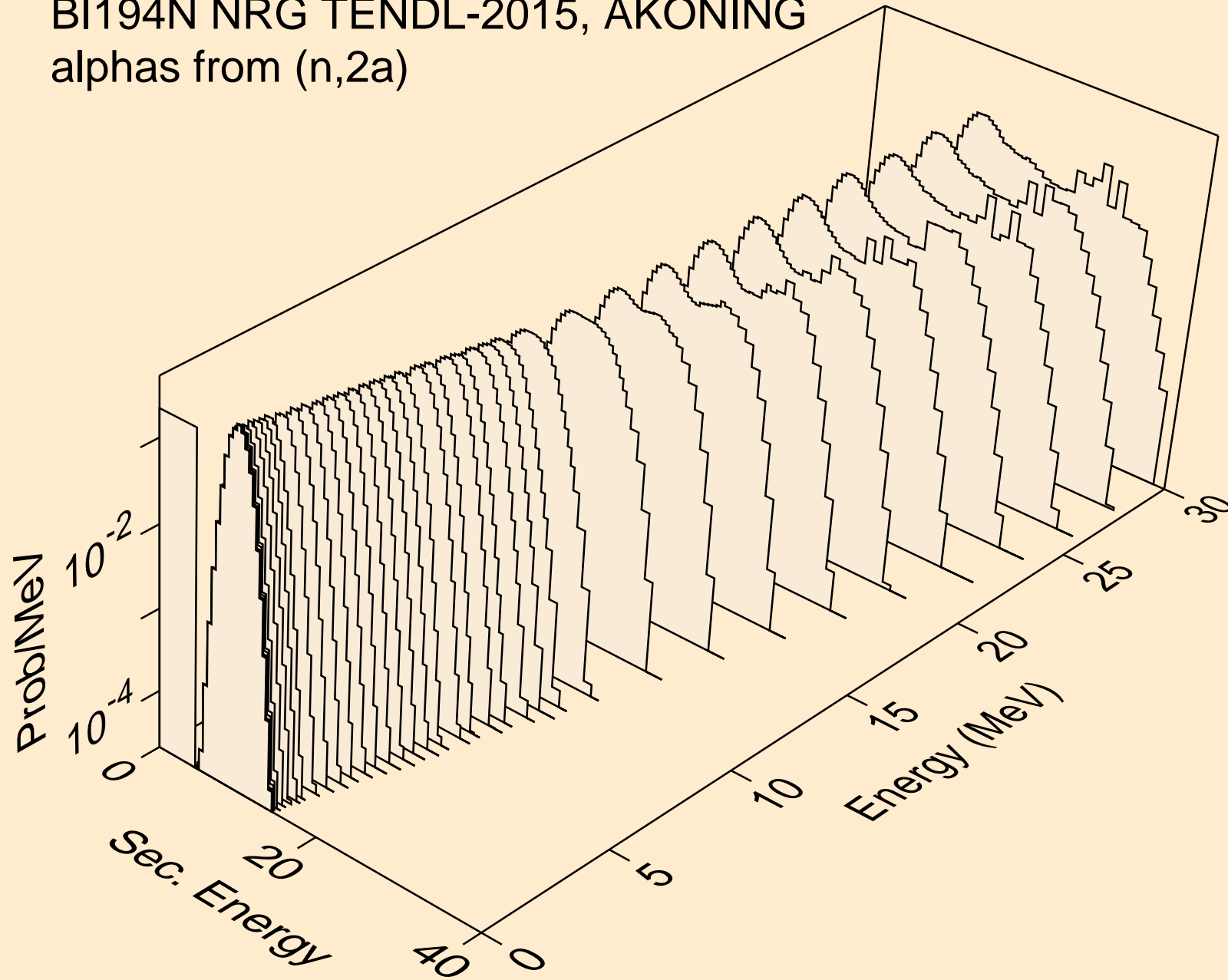
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alphas from (n,npa)



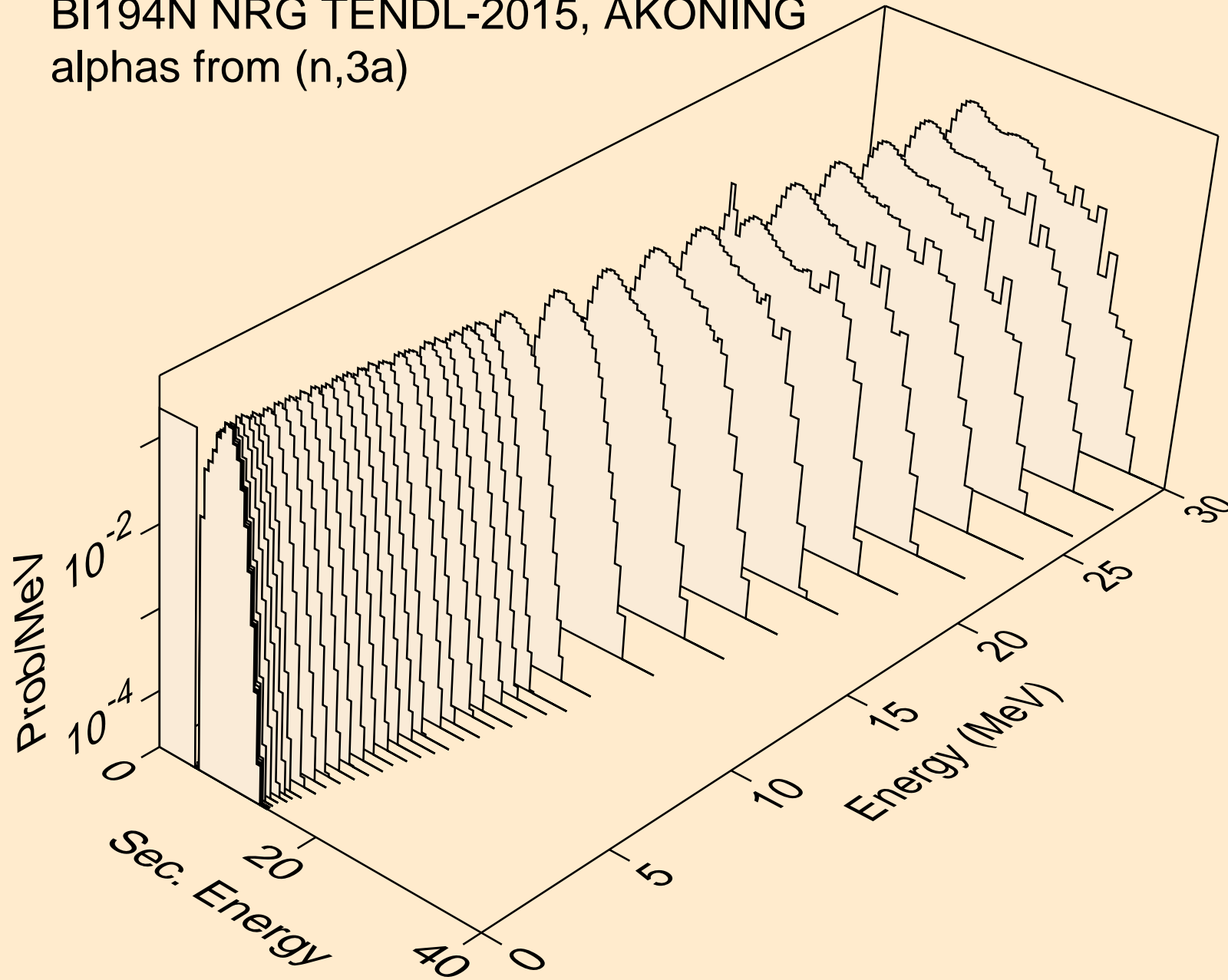
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alphas from (n,a)



BI194N NRG TENDL-2015, AKONING  
alphas from (n,2a)

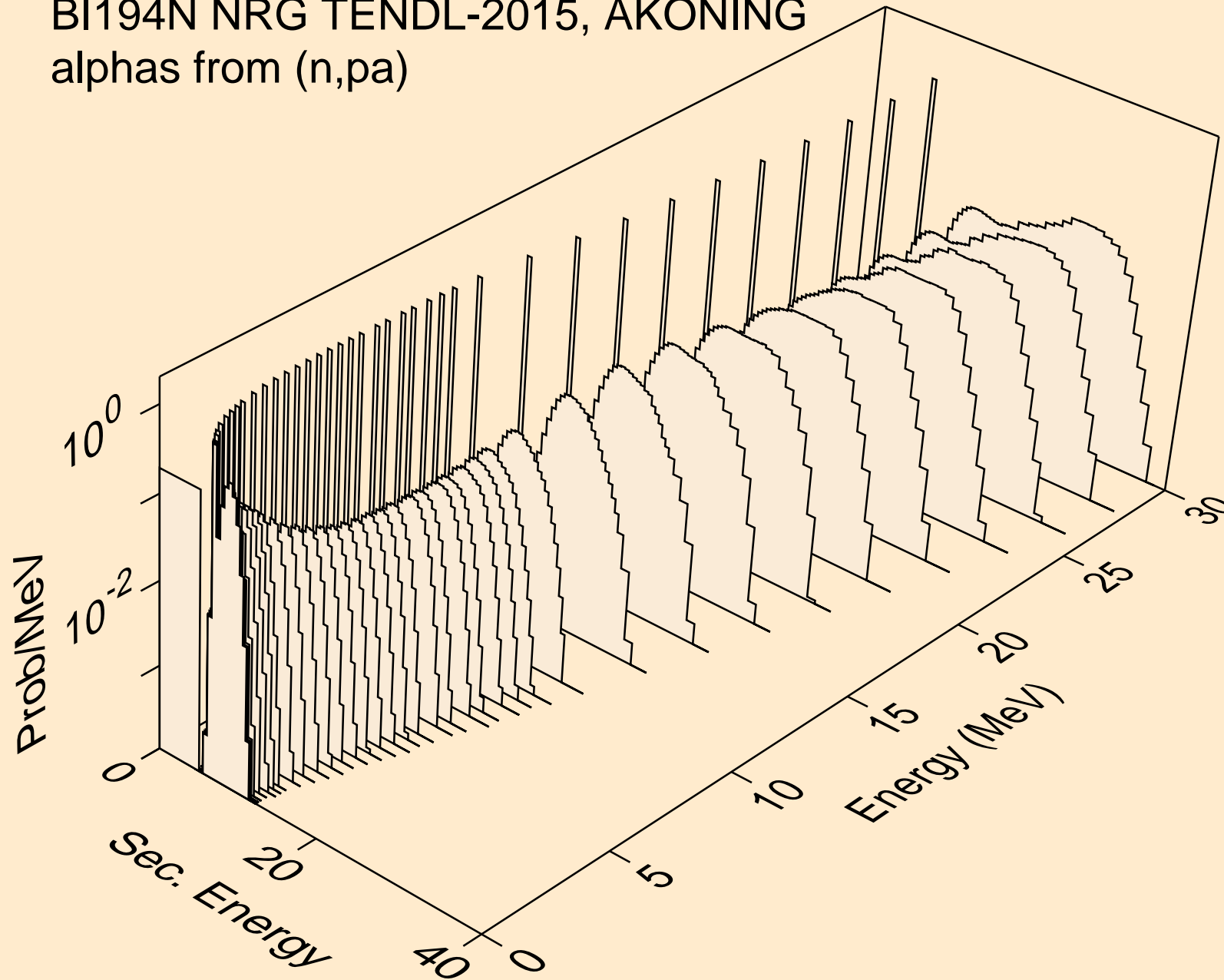


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alphas from (n,3a)

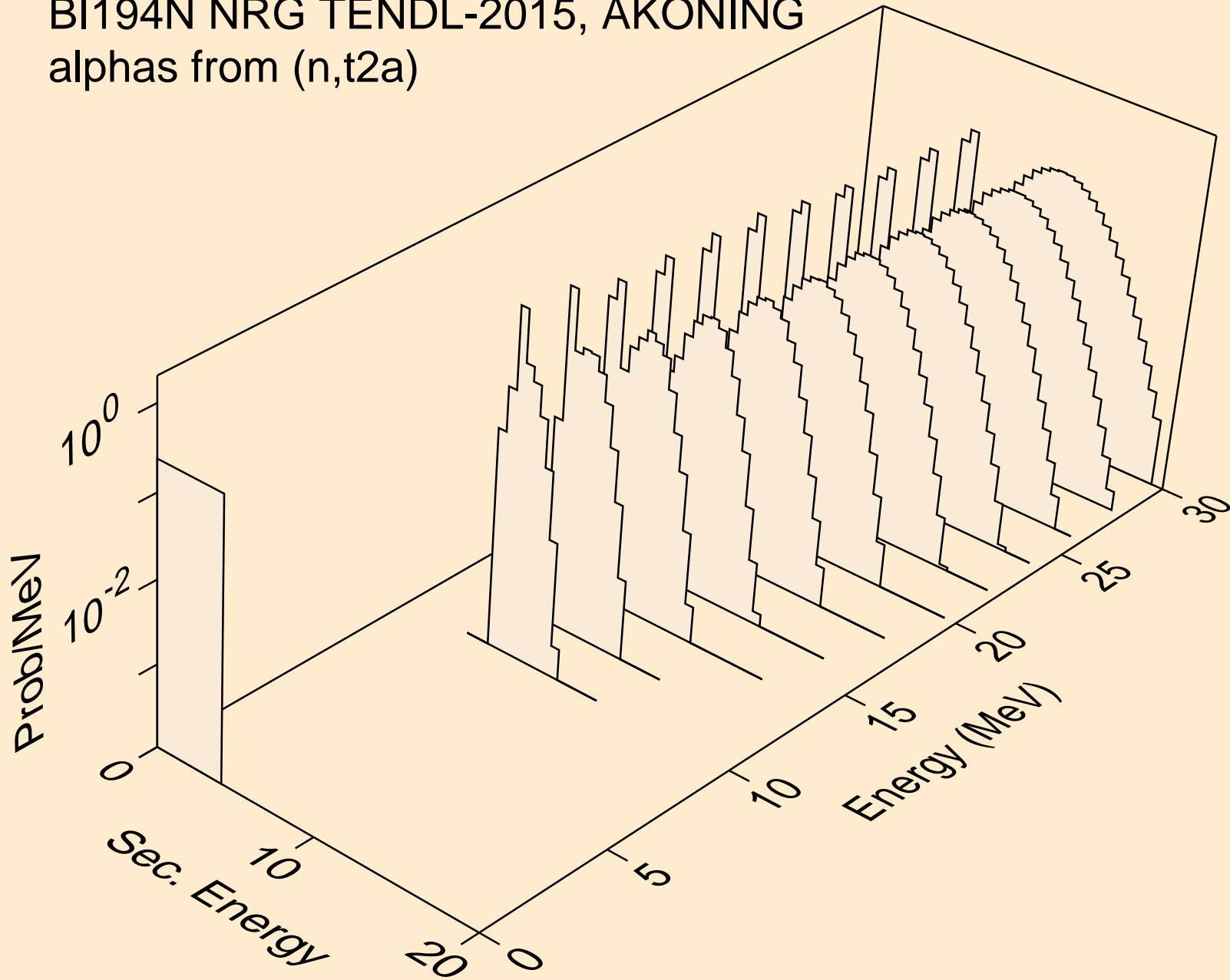




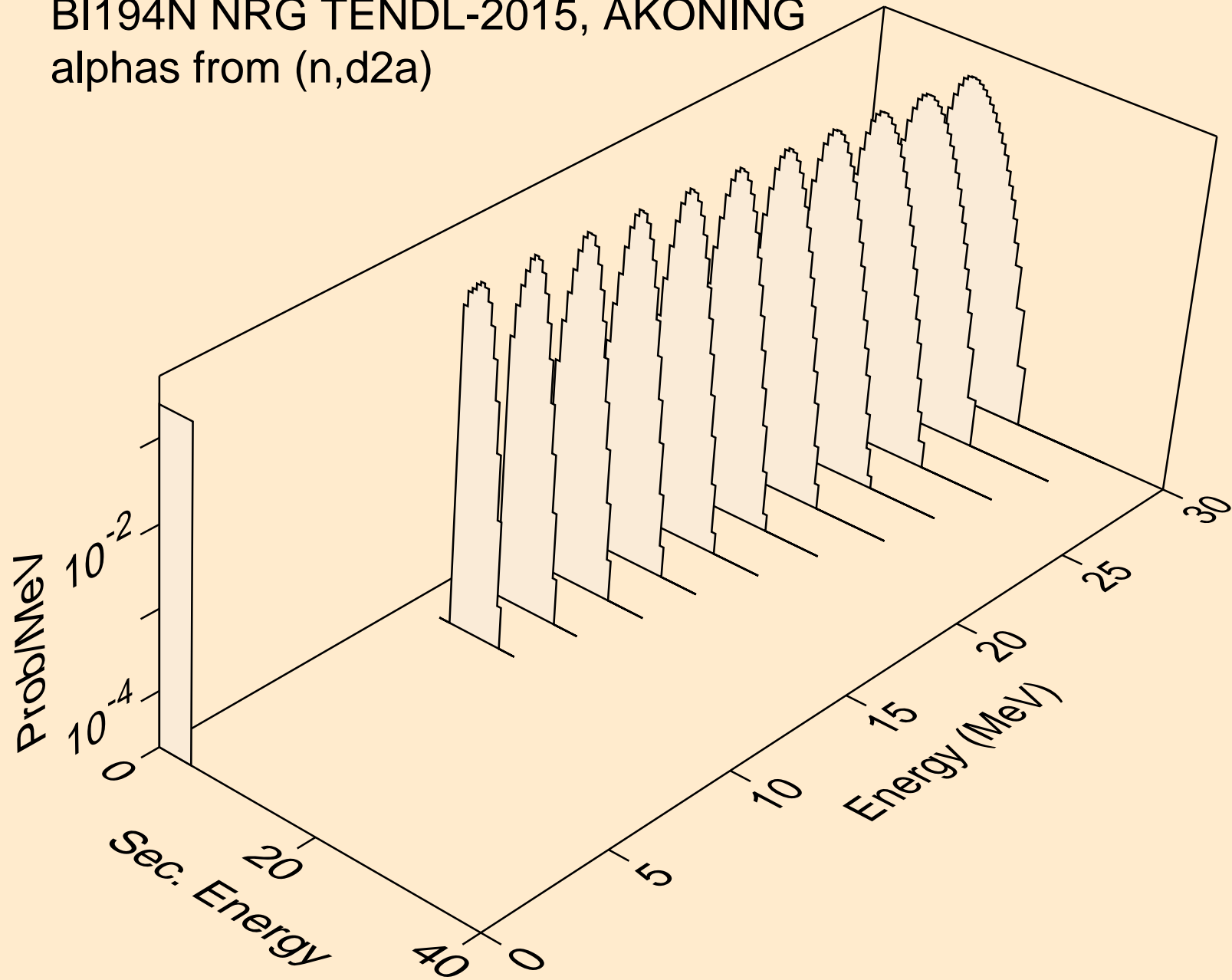
BI194N NRG TENDL-2015, AKONING  
alphas from (n,pa)



BI194N NRG TENDL-2015, AKONING  
alphas from (n,t2a)



BI194N NRG TENDL-2015, AKONING  
alphas from (n,d2a)



BI194N NRG TENDL-2015, AKONING  
alphas from (n,da)

