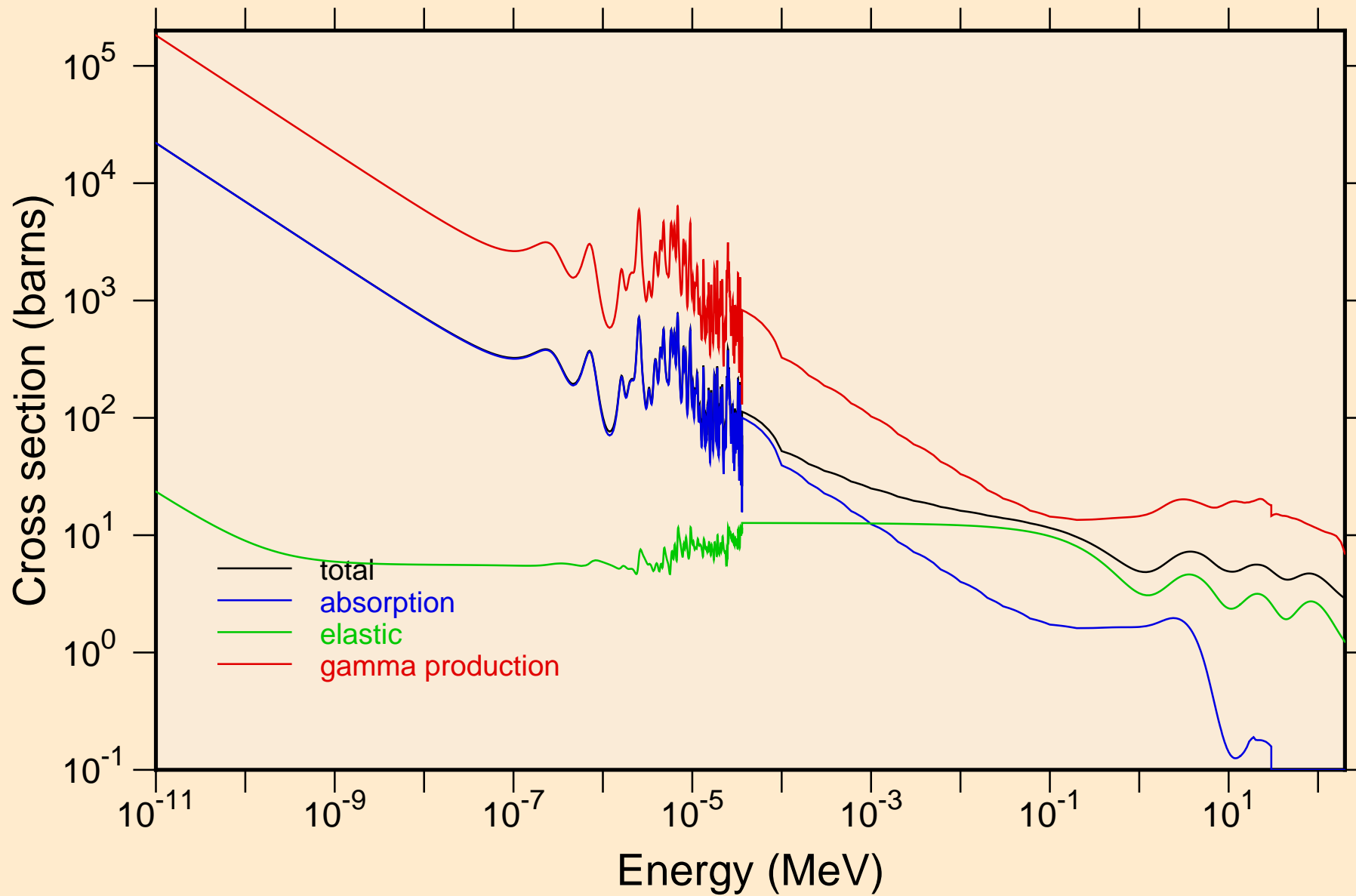


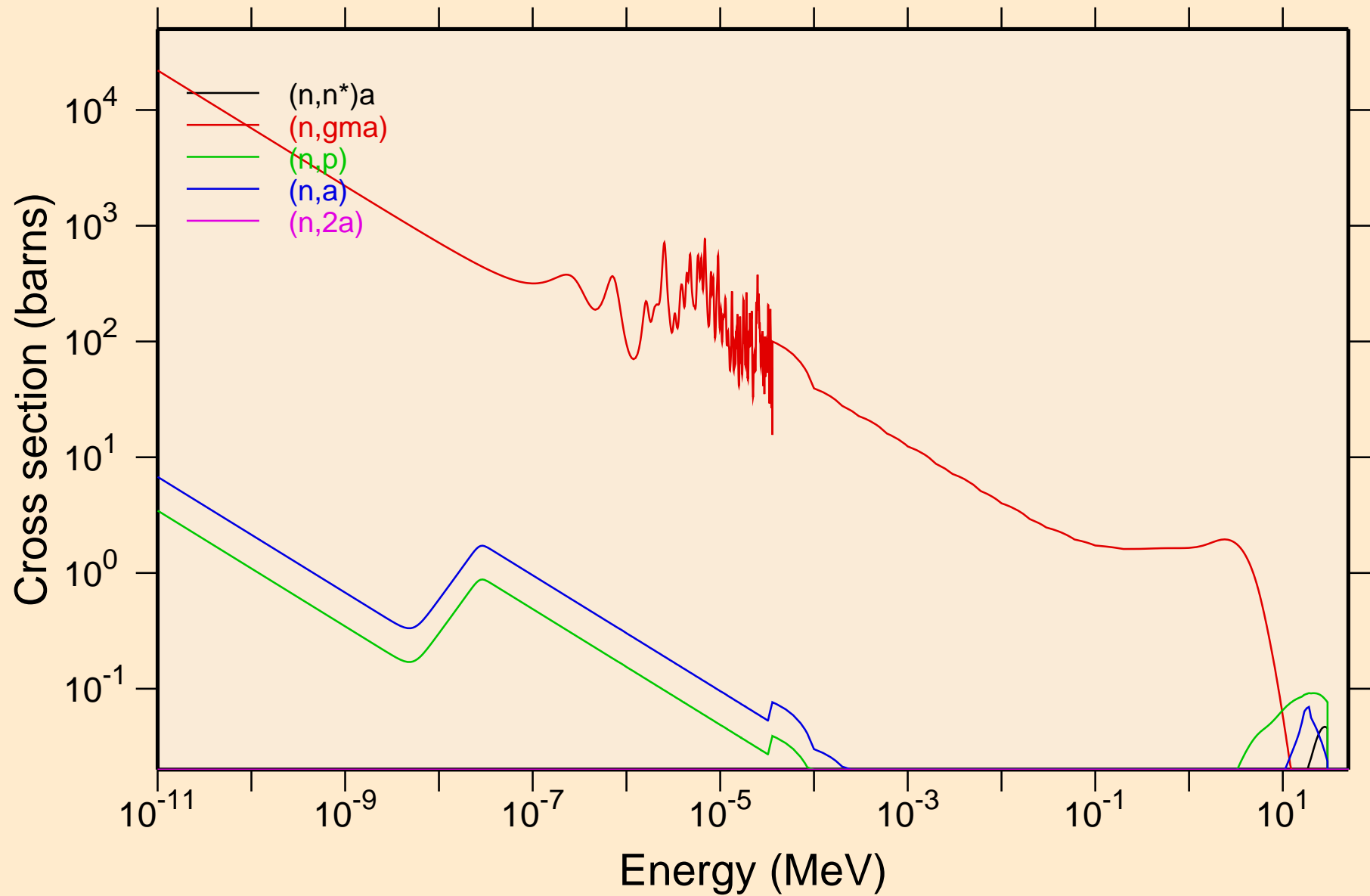
# BI196M NRG TENDL-2015, AKONING

## Principal cross sections

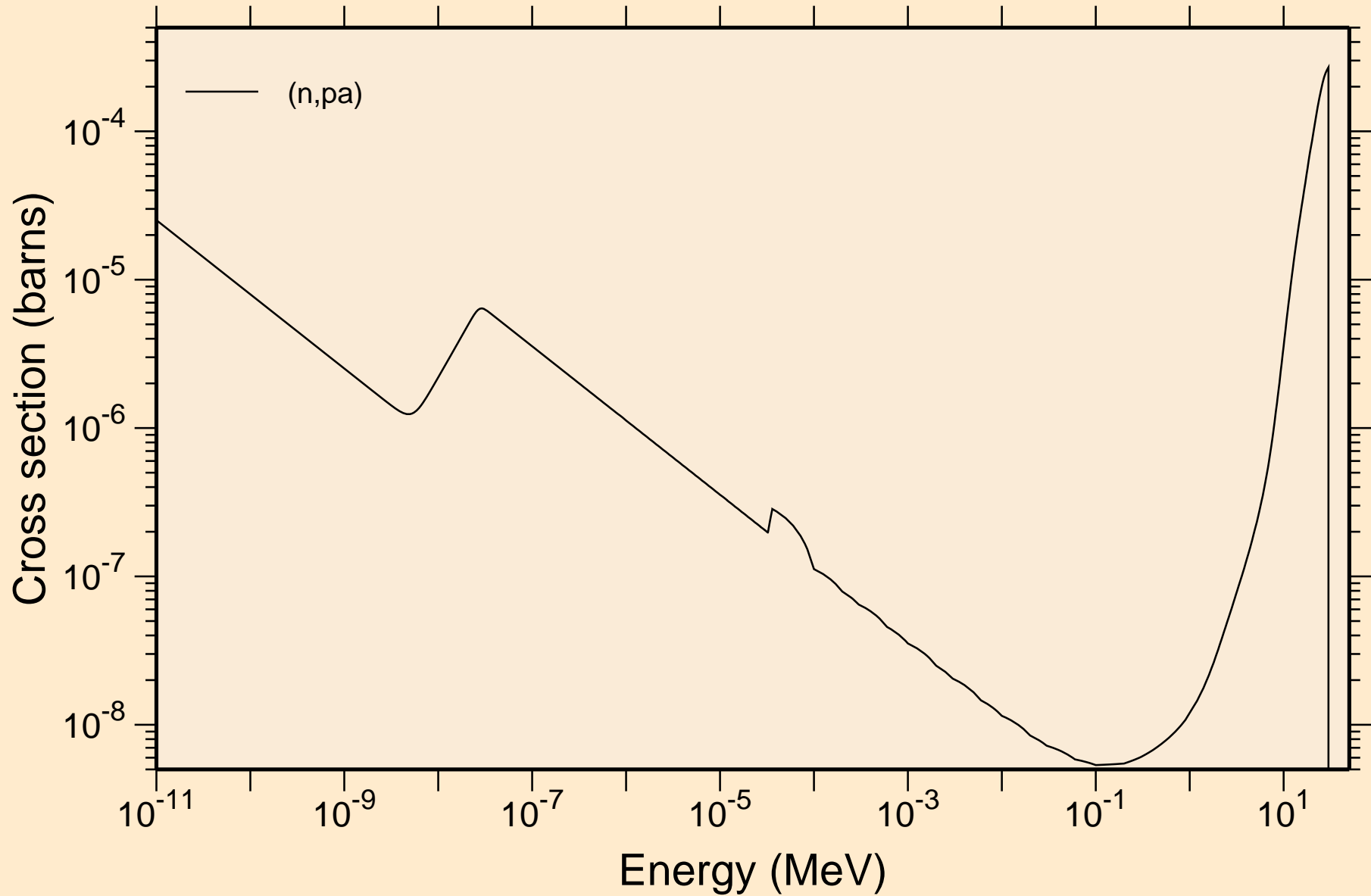


# BI196M NRG TENDL-2015, AKONING

## Non-threshold reactions

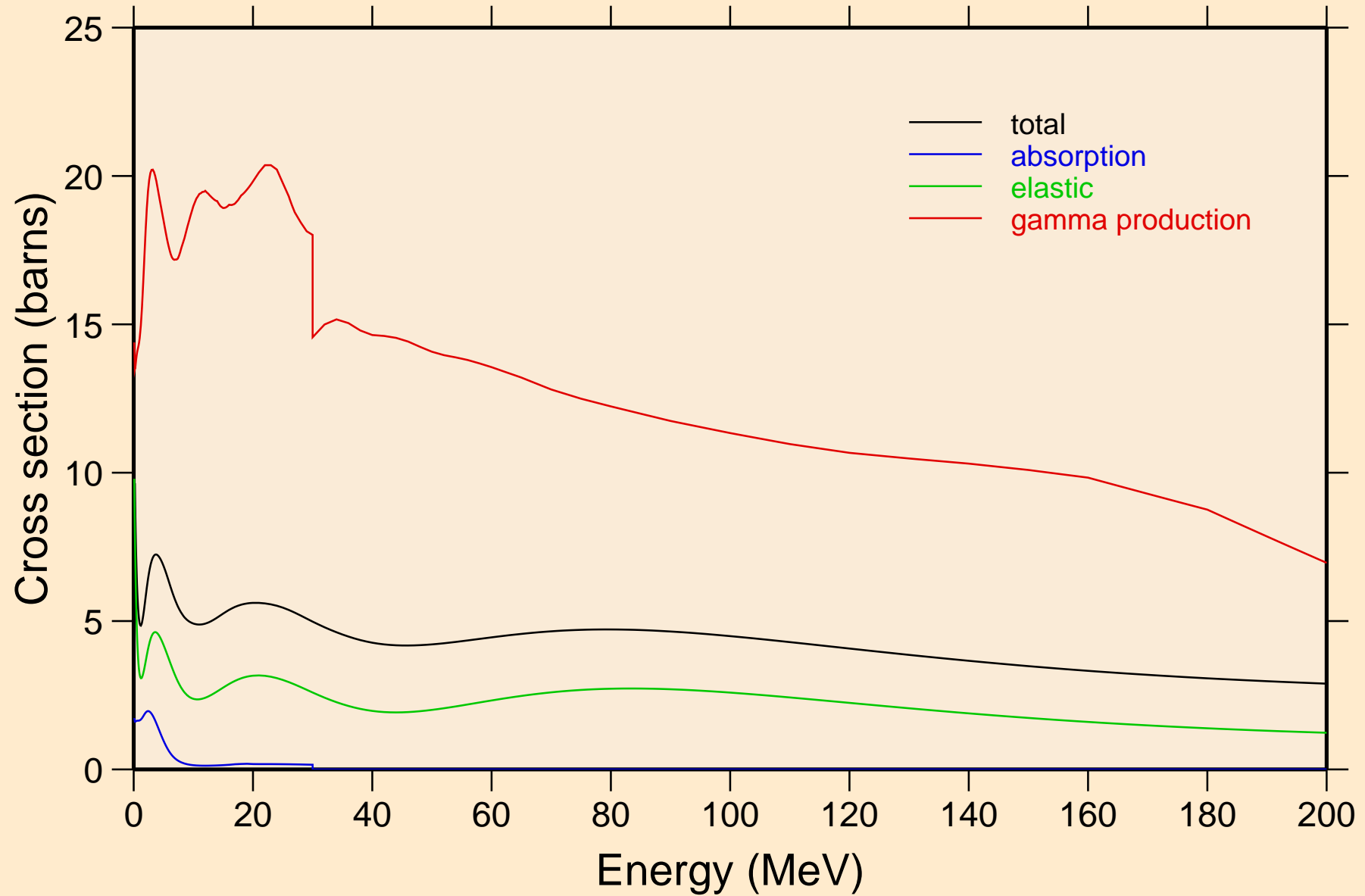


BI196M NRG TENDL-2015, AKONING  
Non-threshold reactions



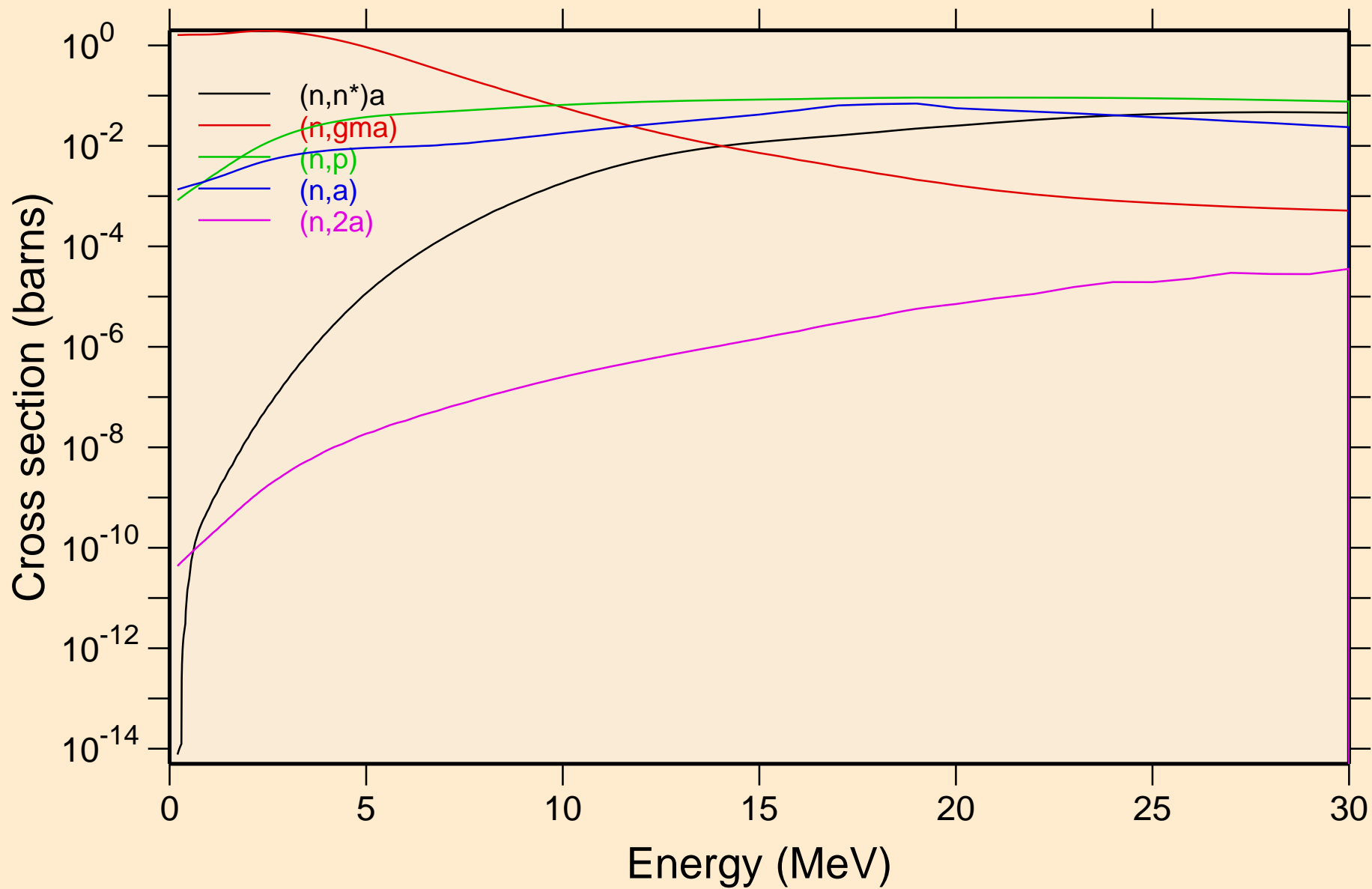
# BI196M NRG TENDL-2015, AKONING

## Principal cross sections

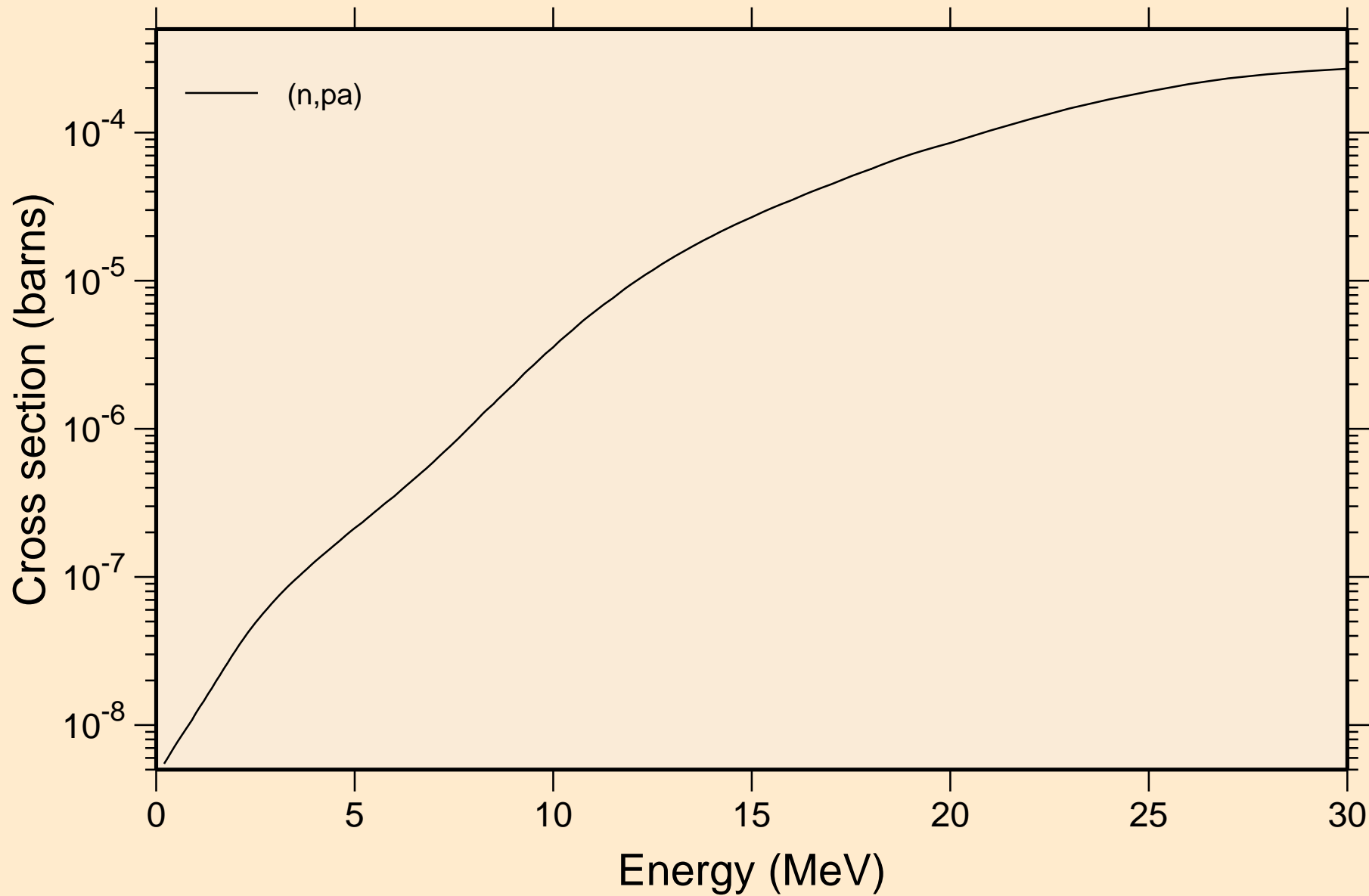


# BI196M NRG TENDL-2015, AKONING

## Non-threshold reactions

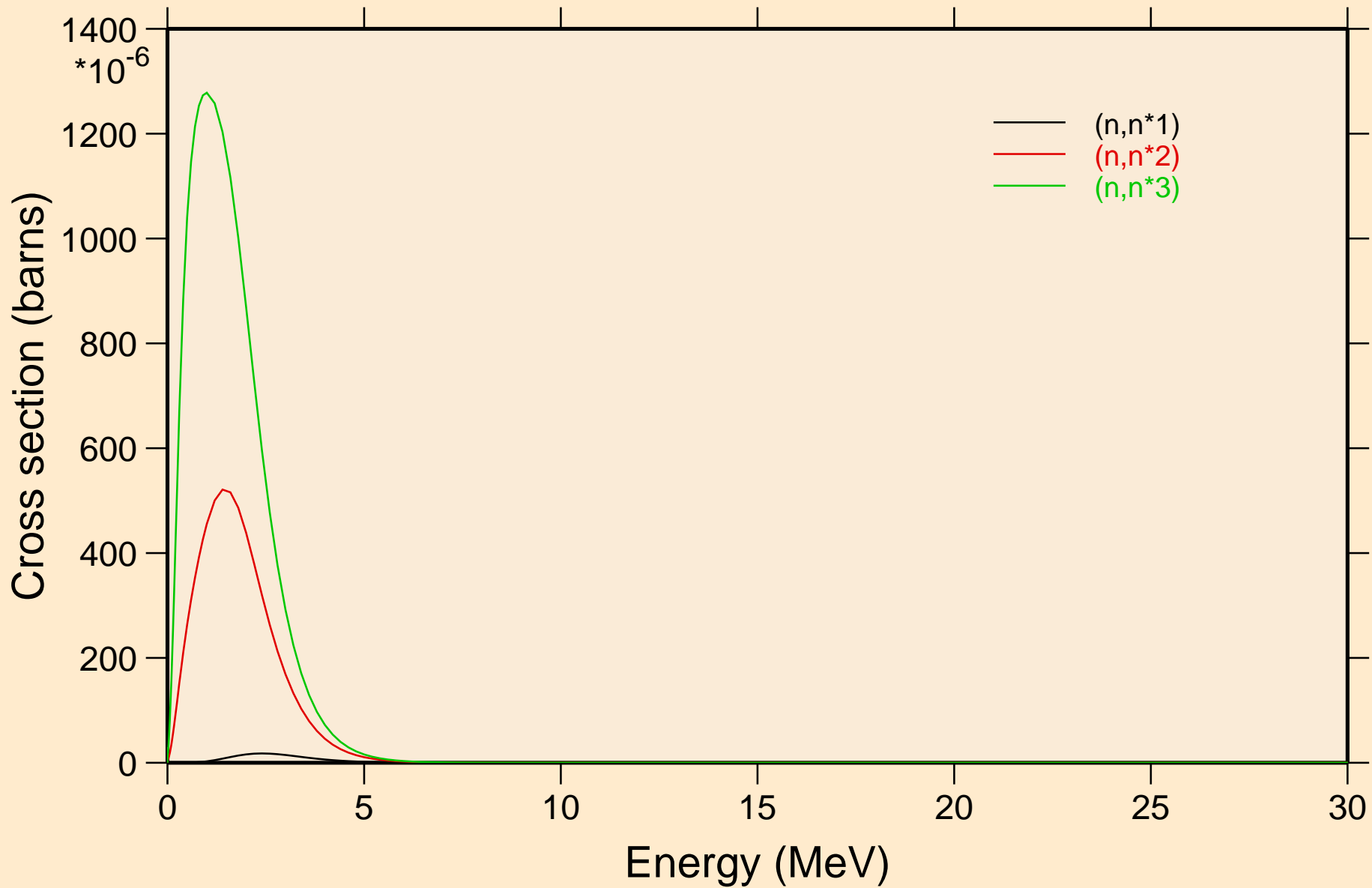


BI196M NRG TENDL-2015, AKONING  
Non-threshold reactions



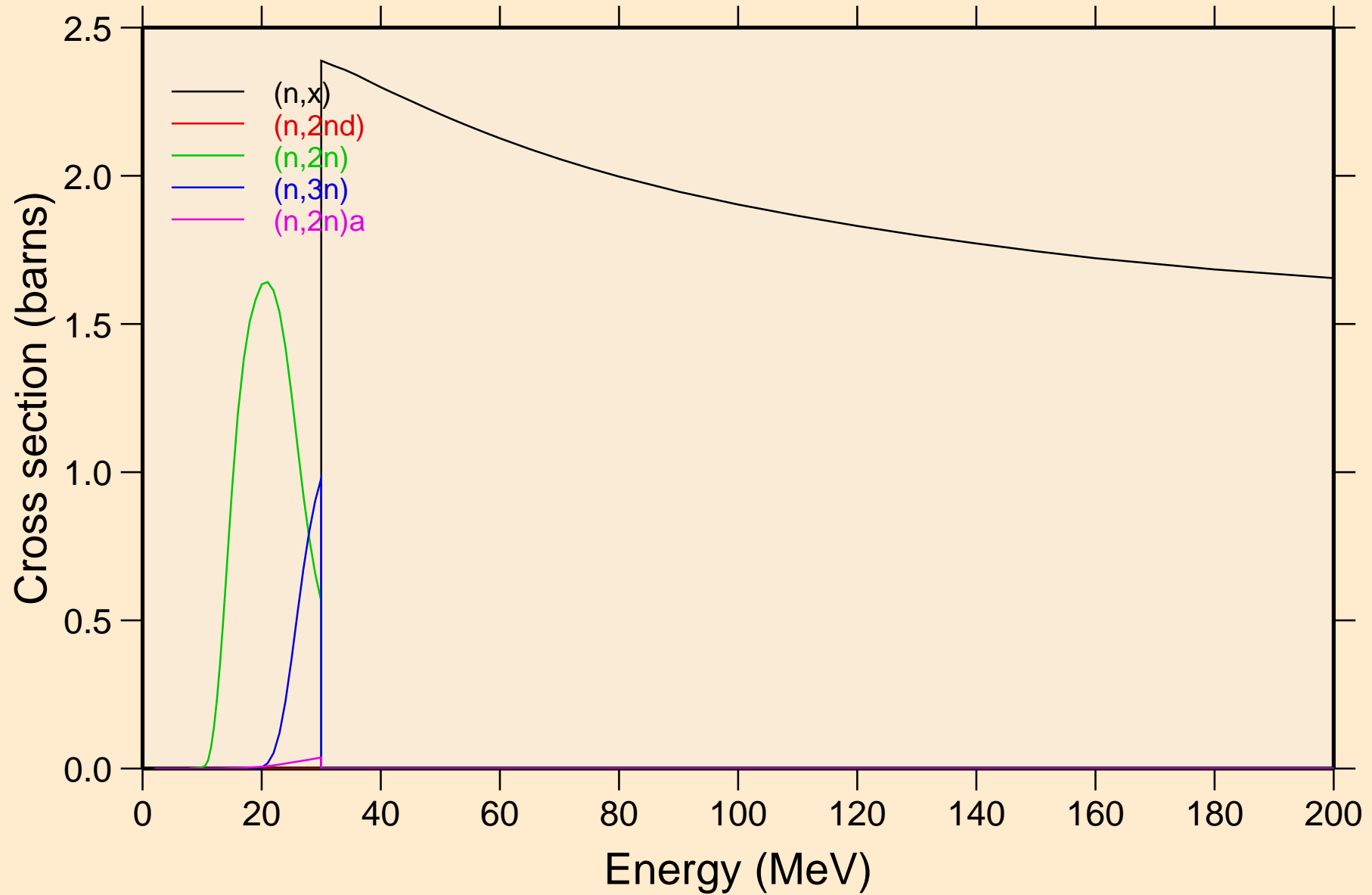
# BI196M NRG TENDL-2015, AKONING

## Inelastic levels



# BI196M NRG TENDL-2015, AKONING

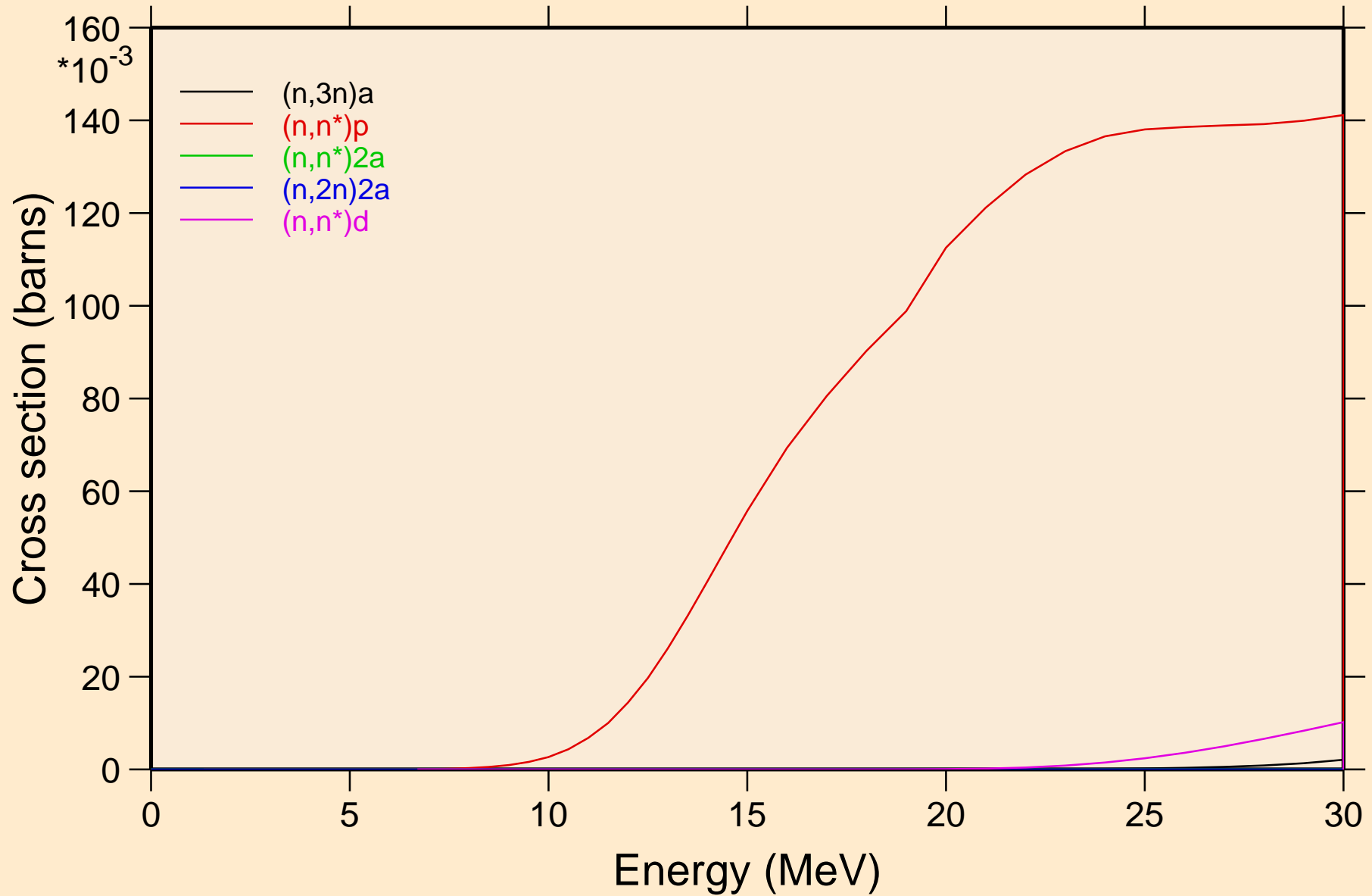
## Threshold reactions





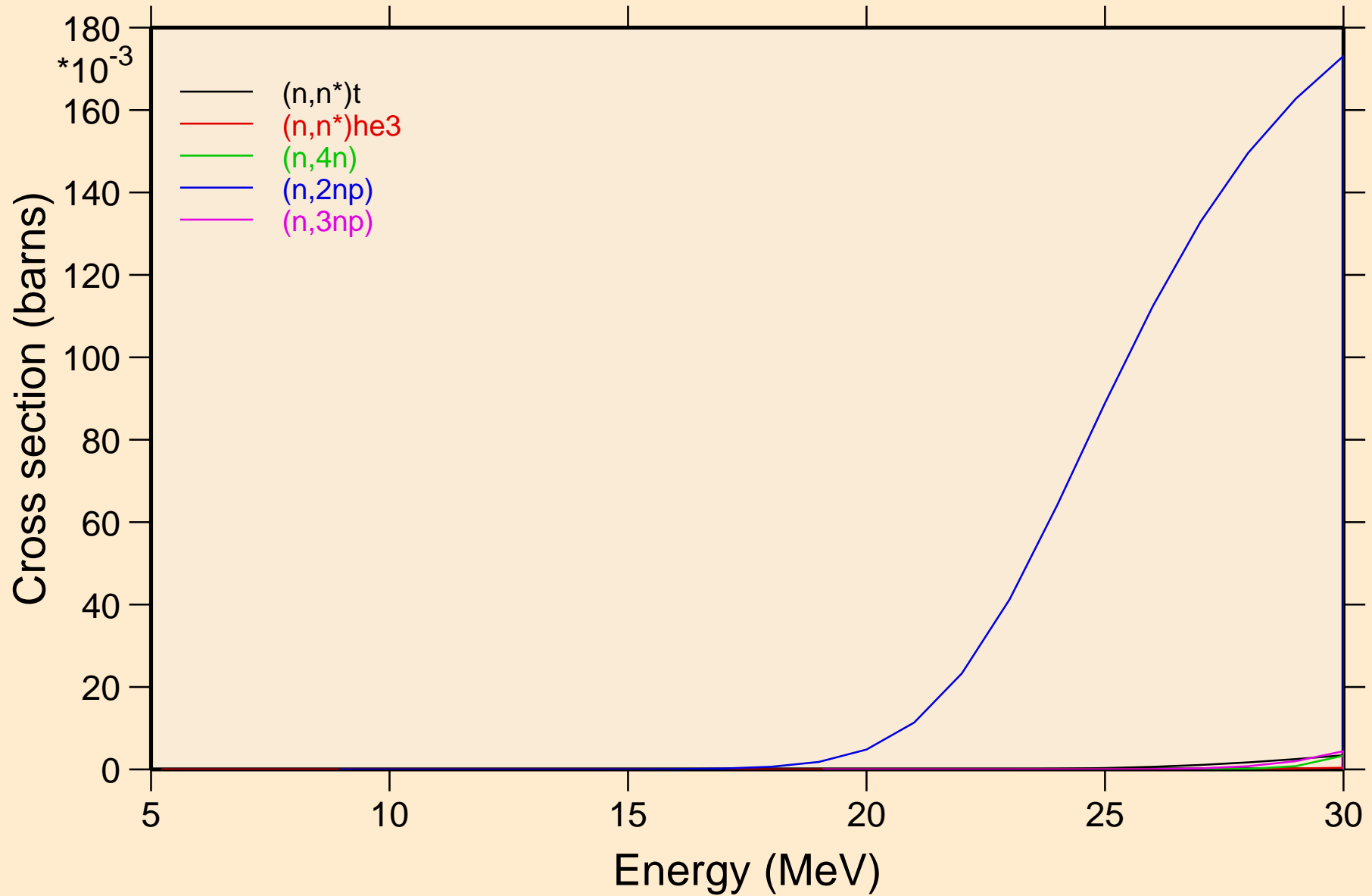
# BI196M NRG TENDL-2015, AKONING

## Threshold reactions



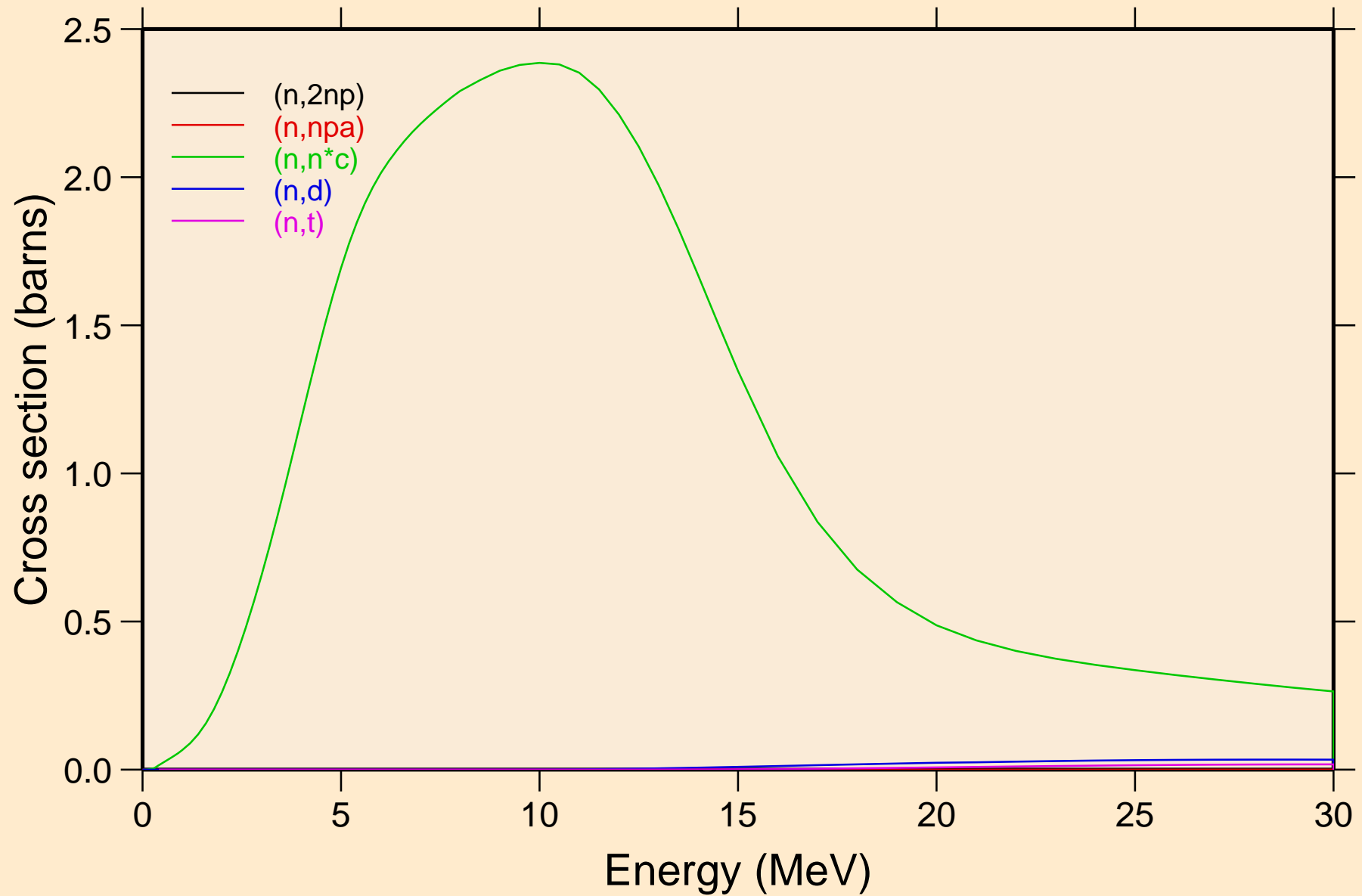
# BI196M NRG TENDL-2015, AKONING

## Threshold reactions



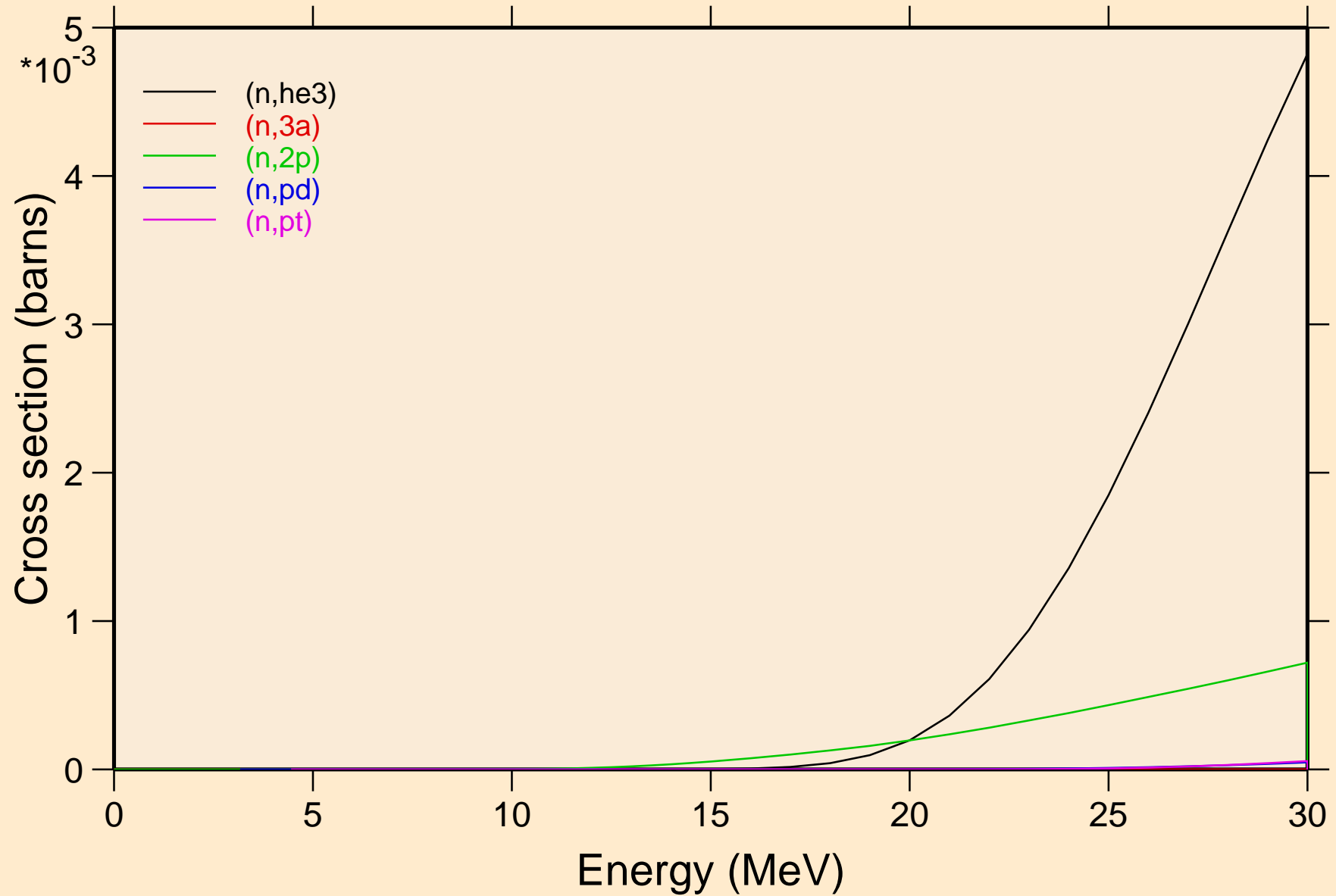
# BI196M NRG TENDL-2015, AKONING

## Threshold reactions

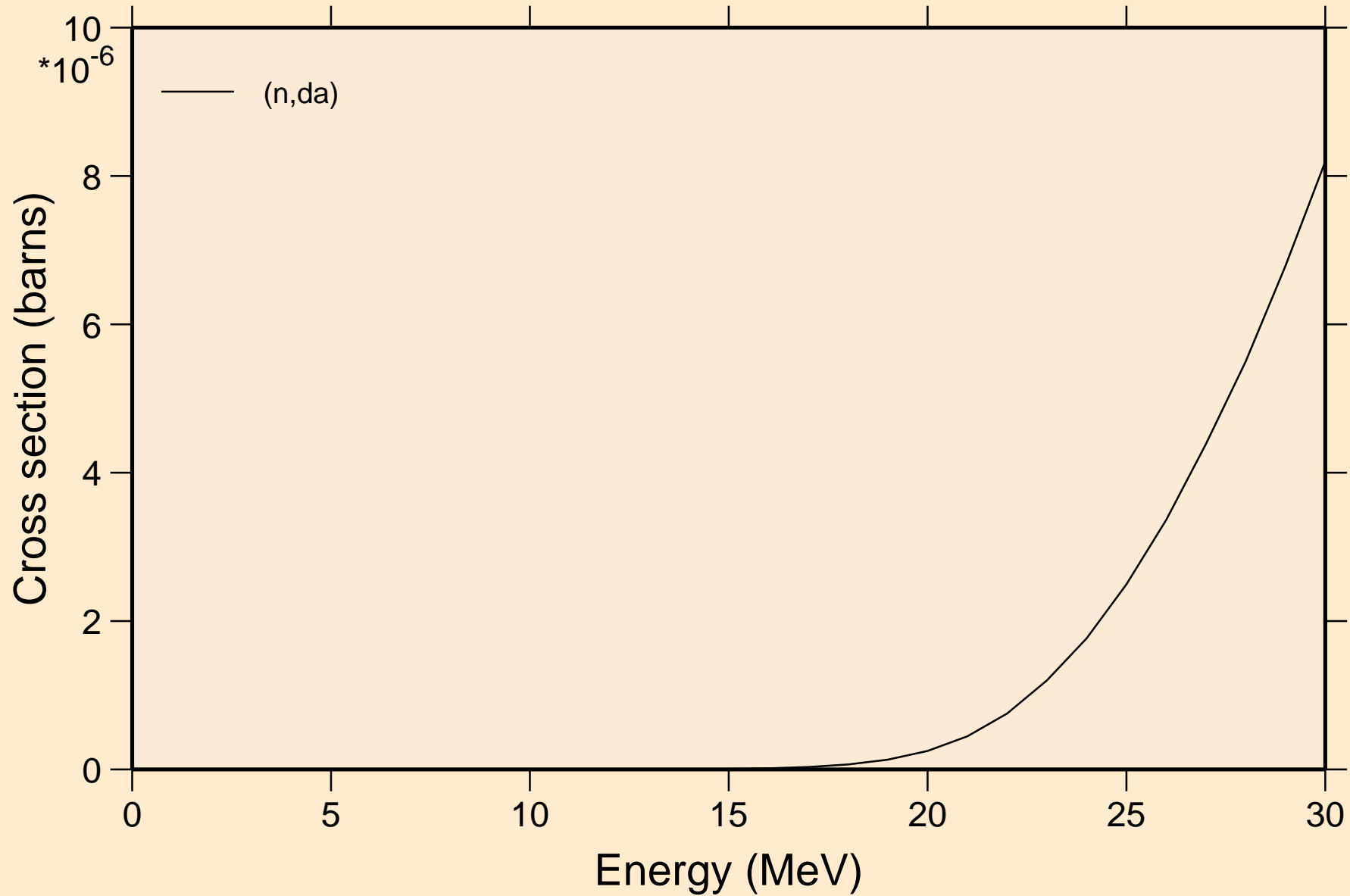


# BI196M NRG TENDL-2015, AKONING

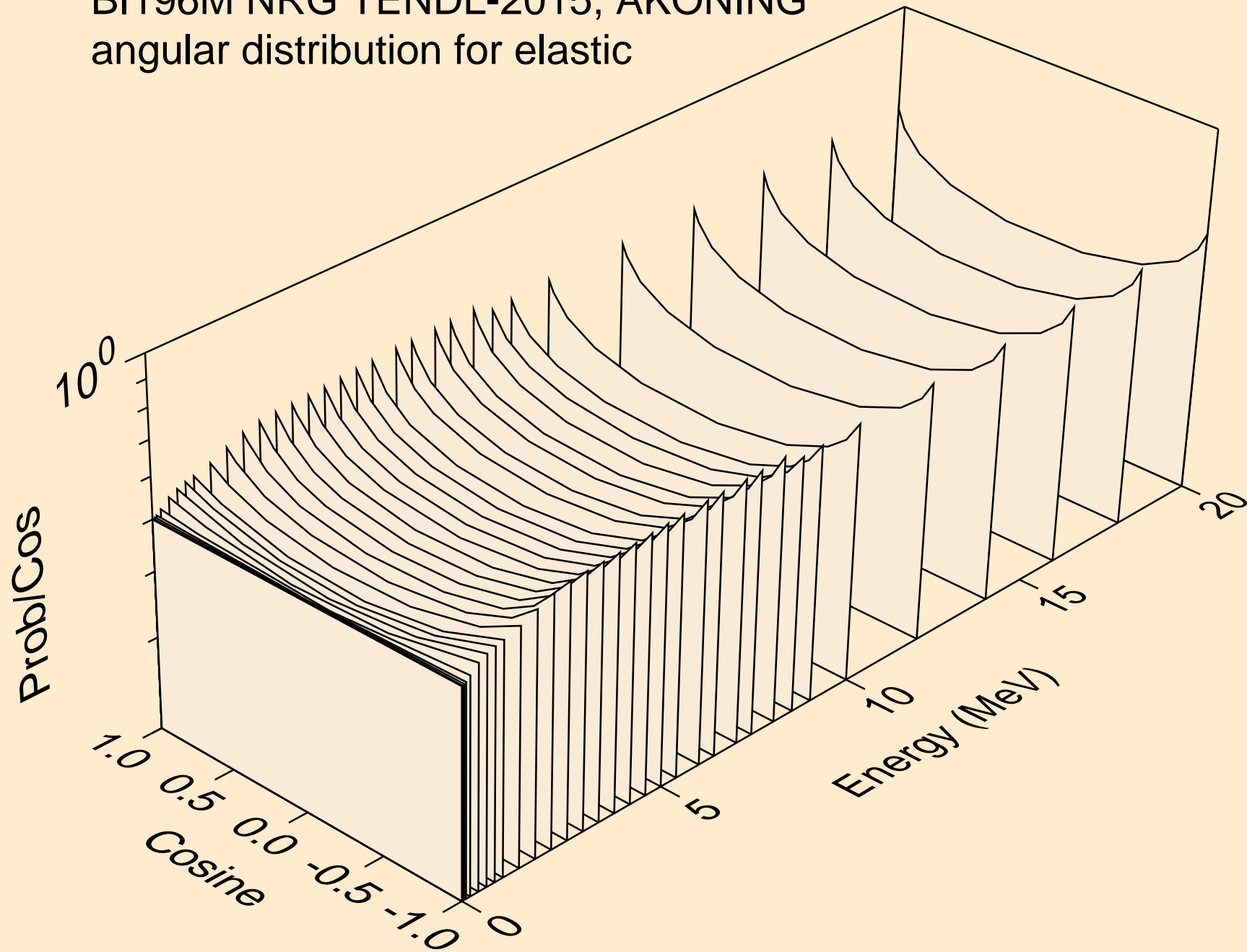
## Threshold reactions



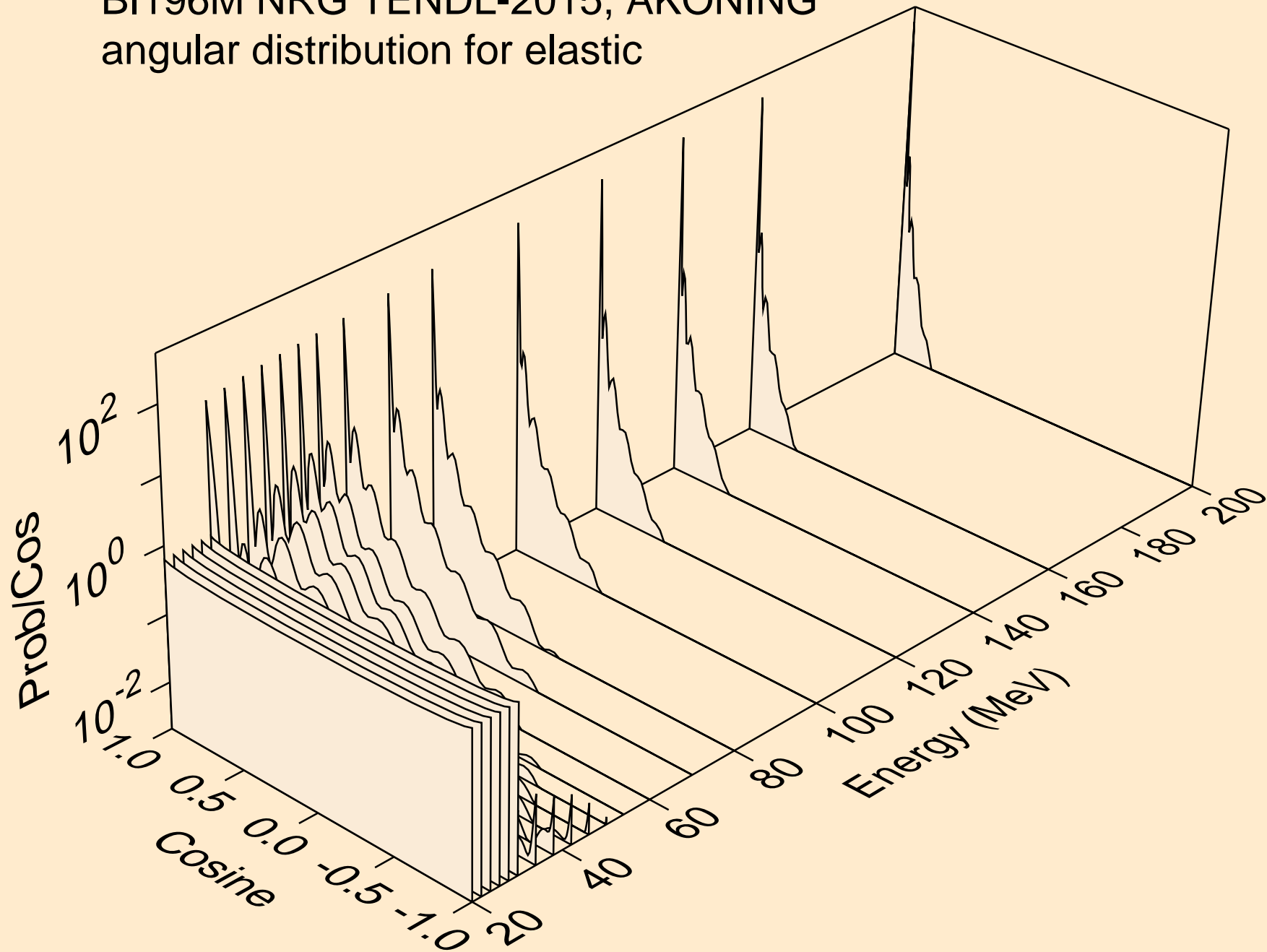
BI196M NRG TENDL-2015, AKONING  
Threshold reactions



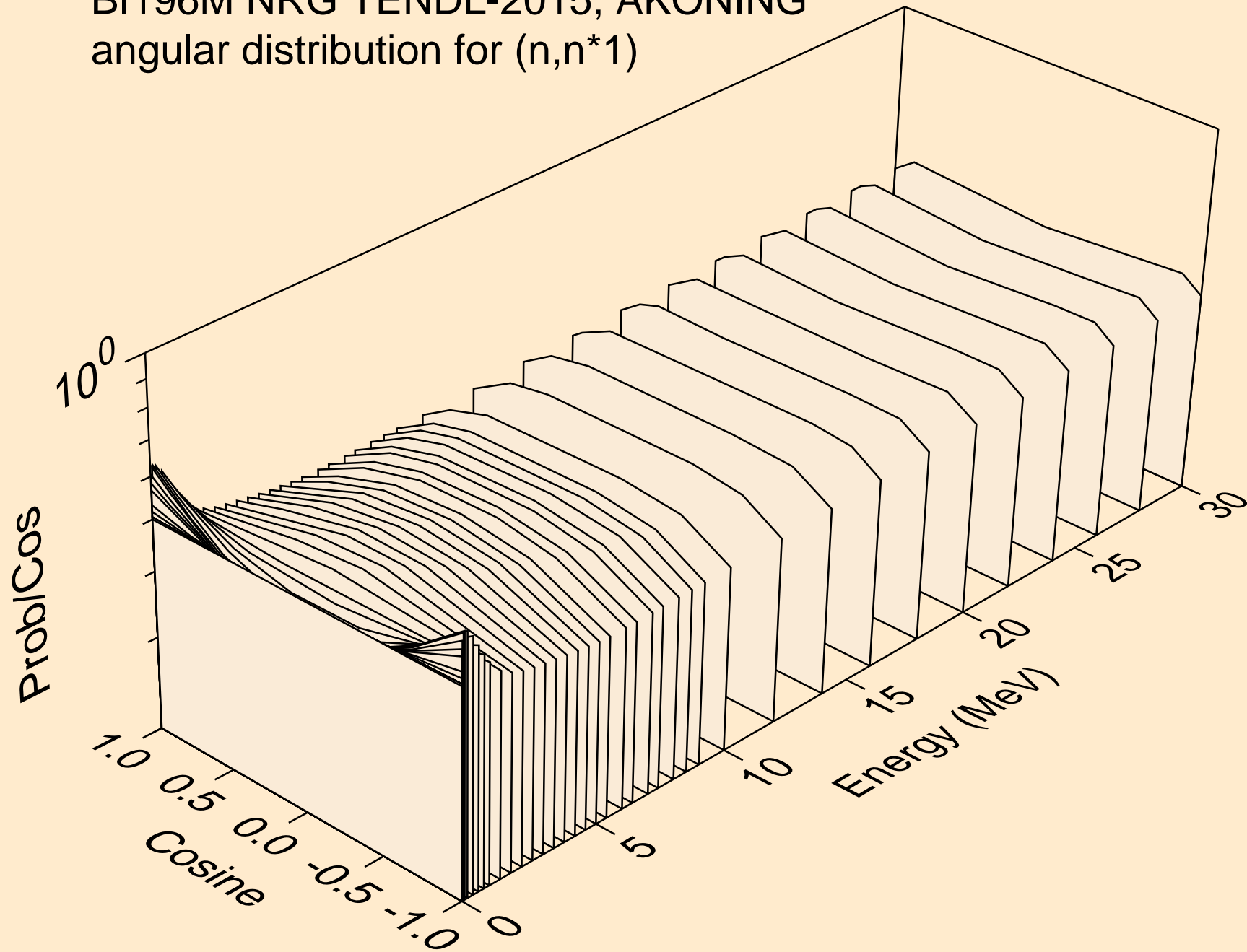
BI196M NRG TENDL-2015, AKONING  
angular distribution for elastic



BI196M NRG TENDL-2015, AKONING  
angular distribution for elastic

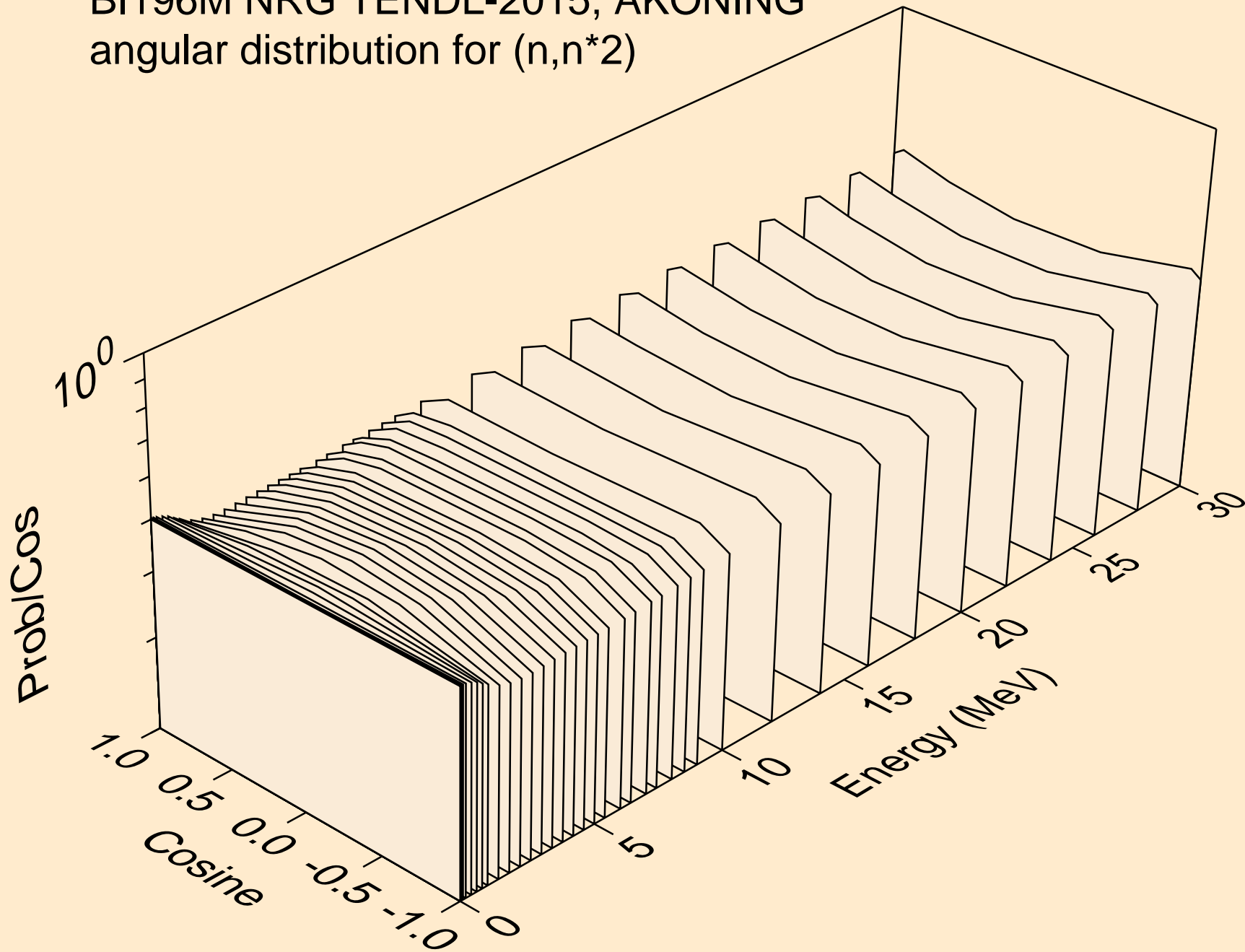


BI196M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

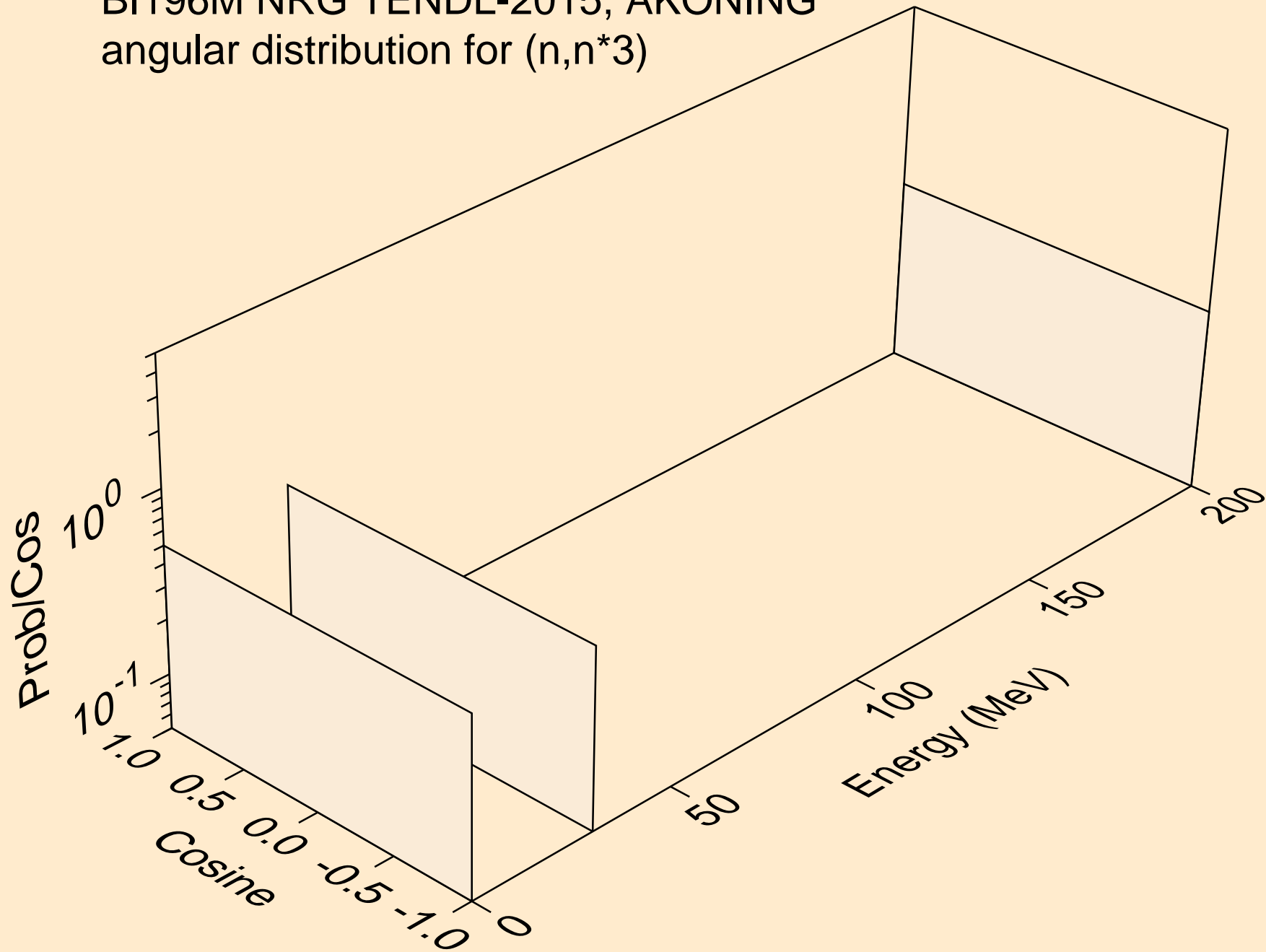




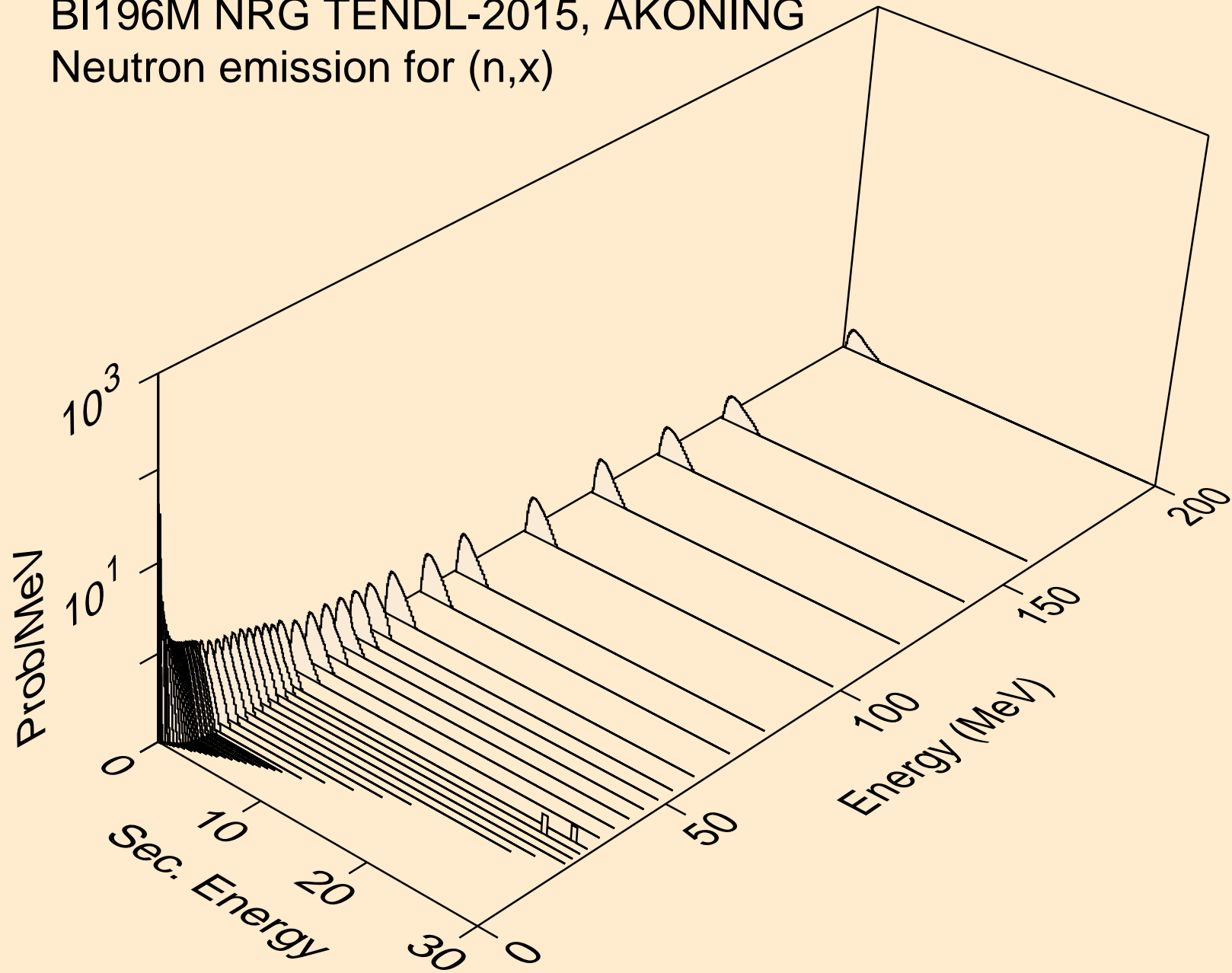
BI196M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



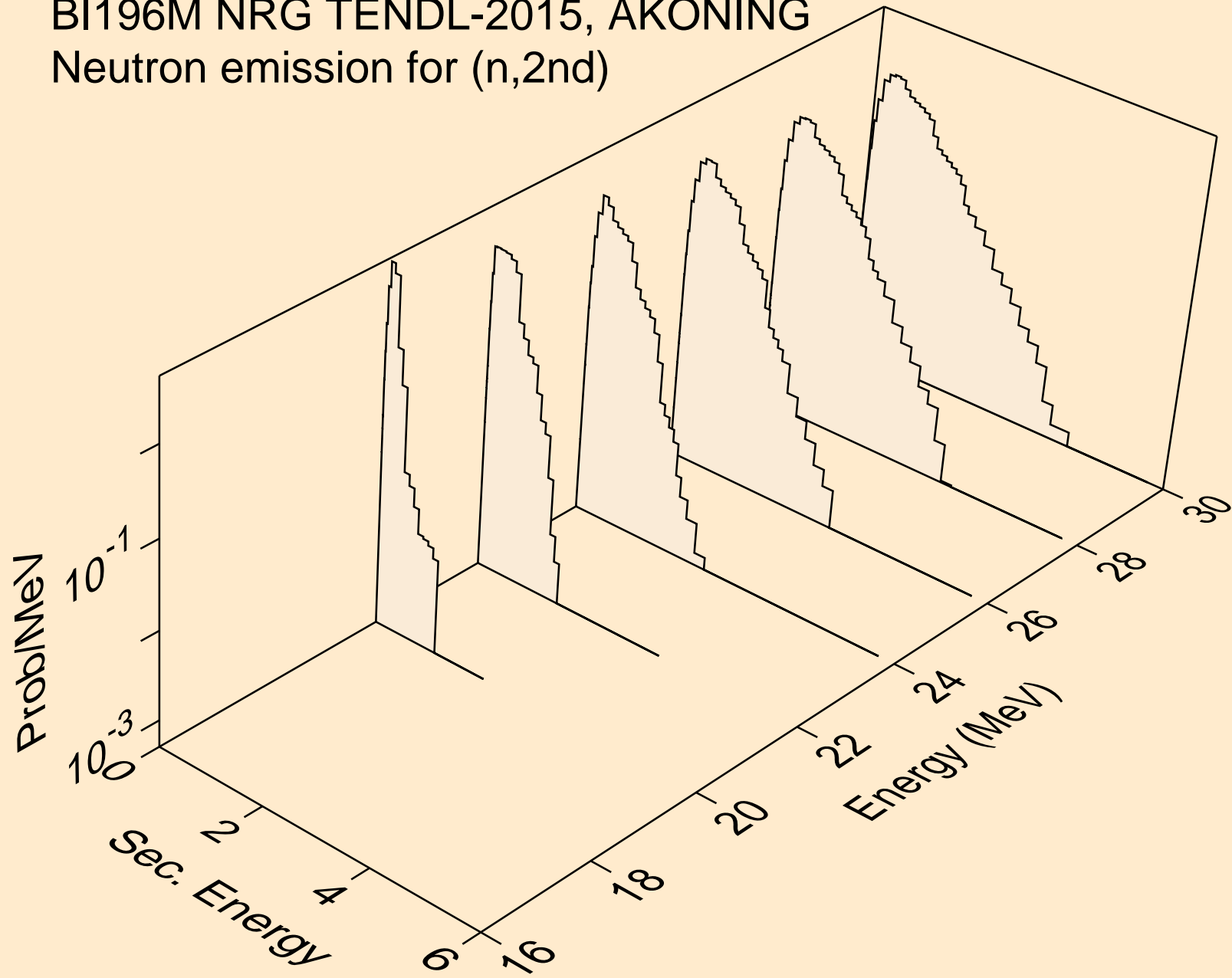
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angular distribution for (n,n\*3)



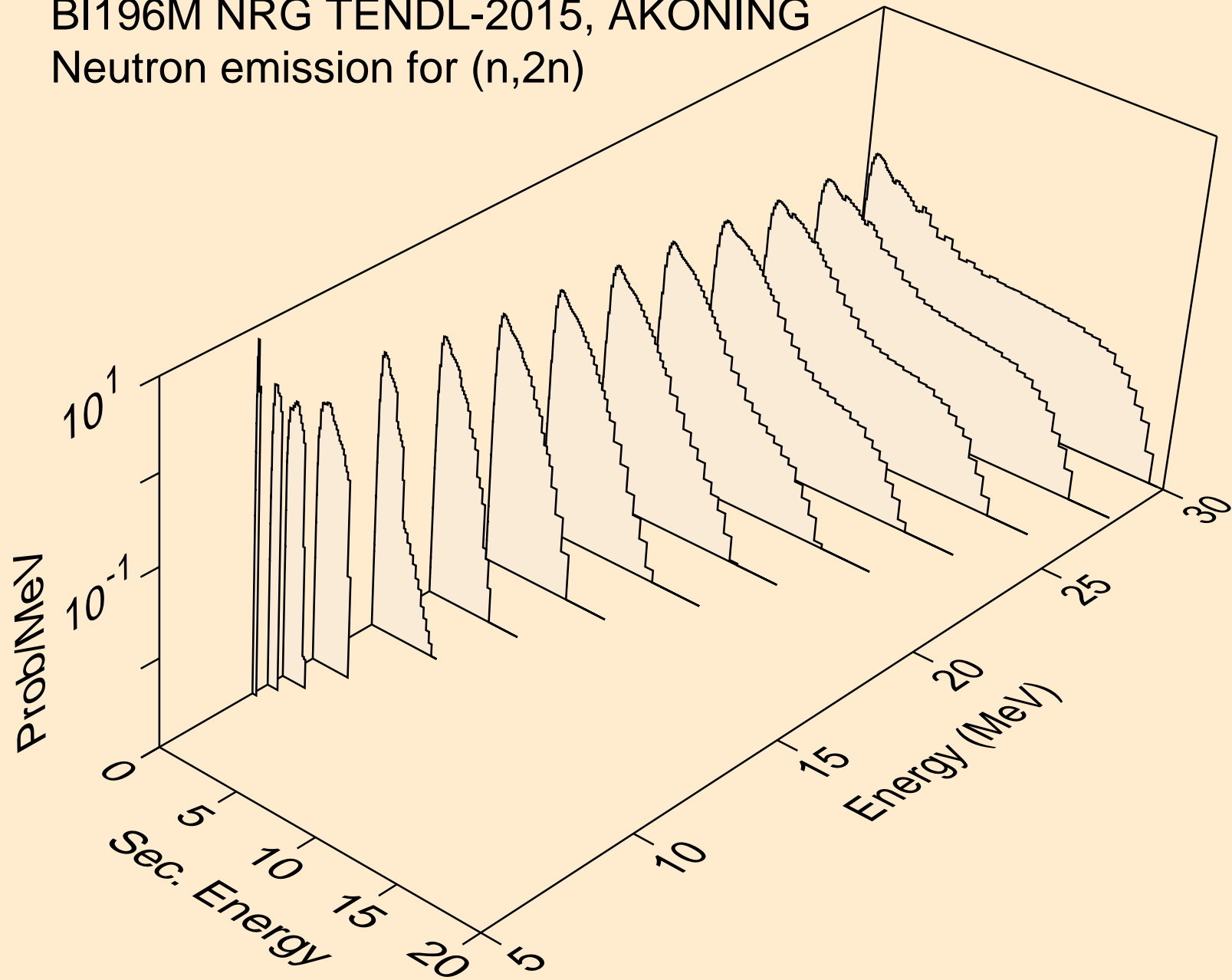
BI196M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



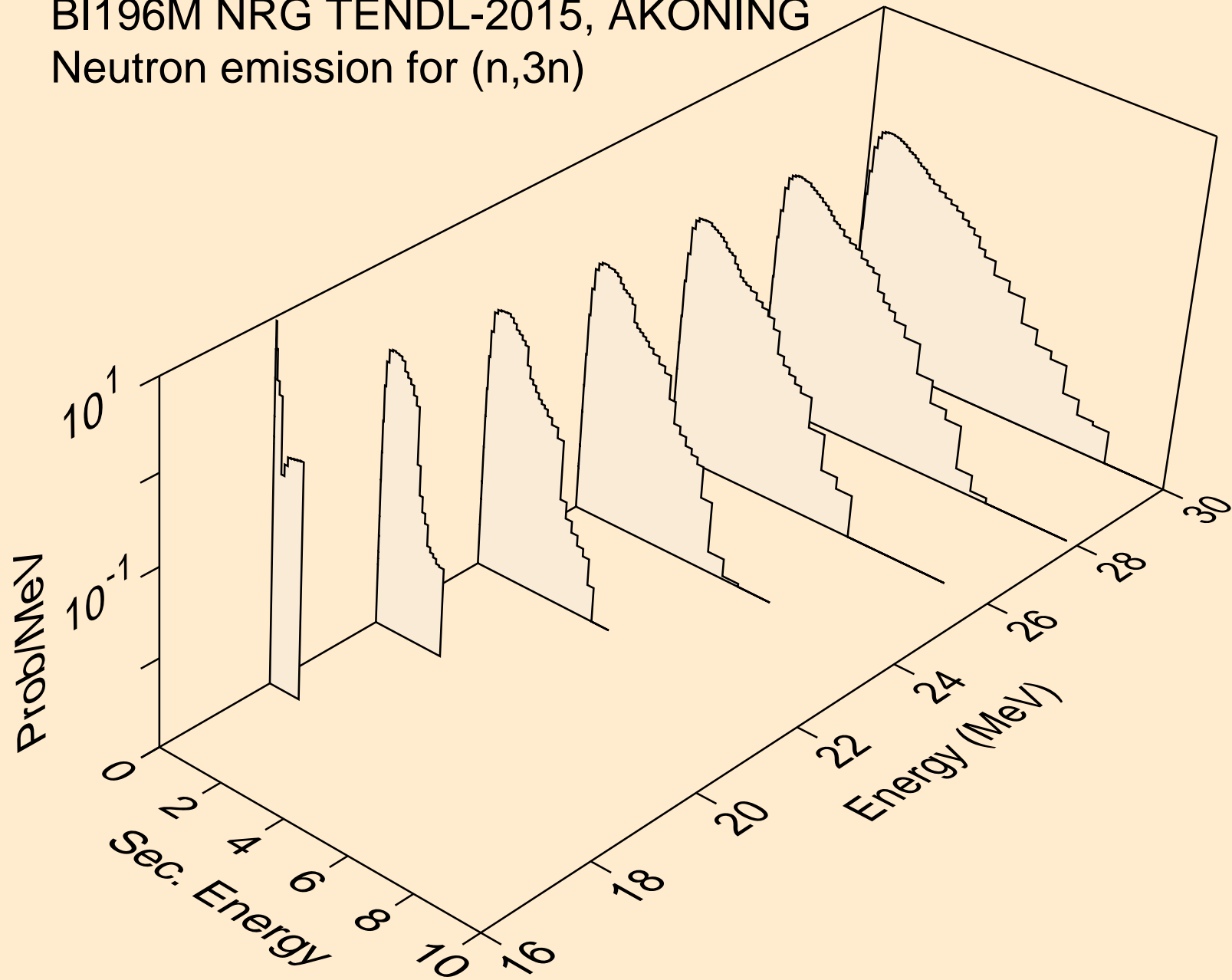
BI196M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



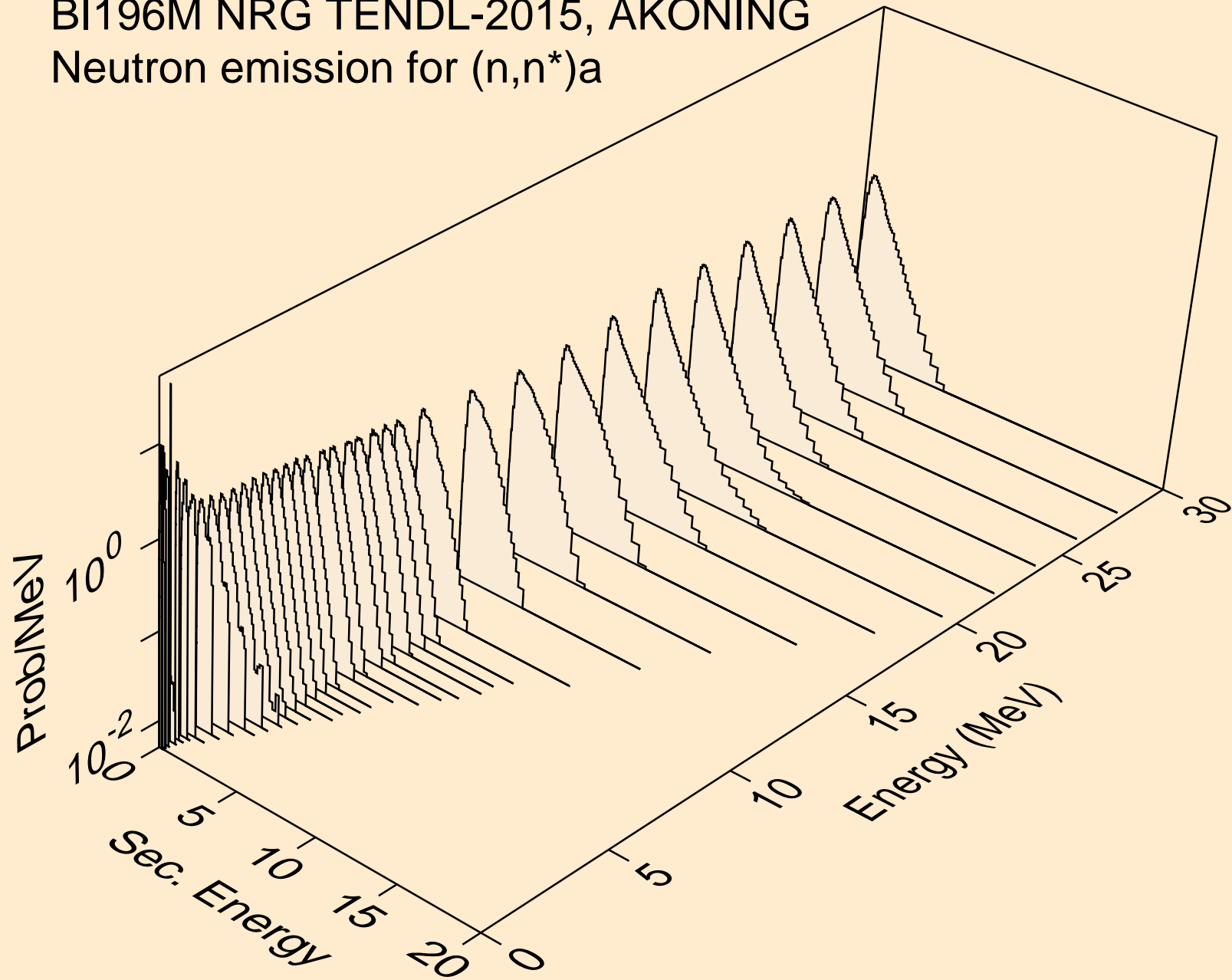
BI196M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



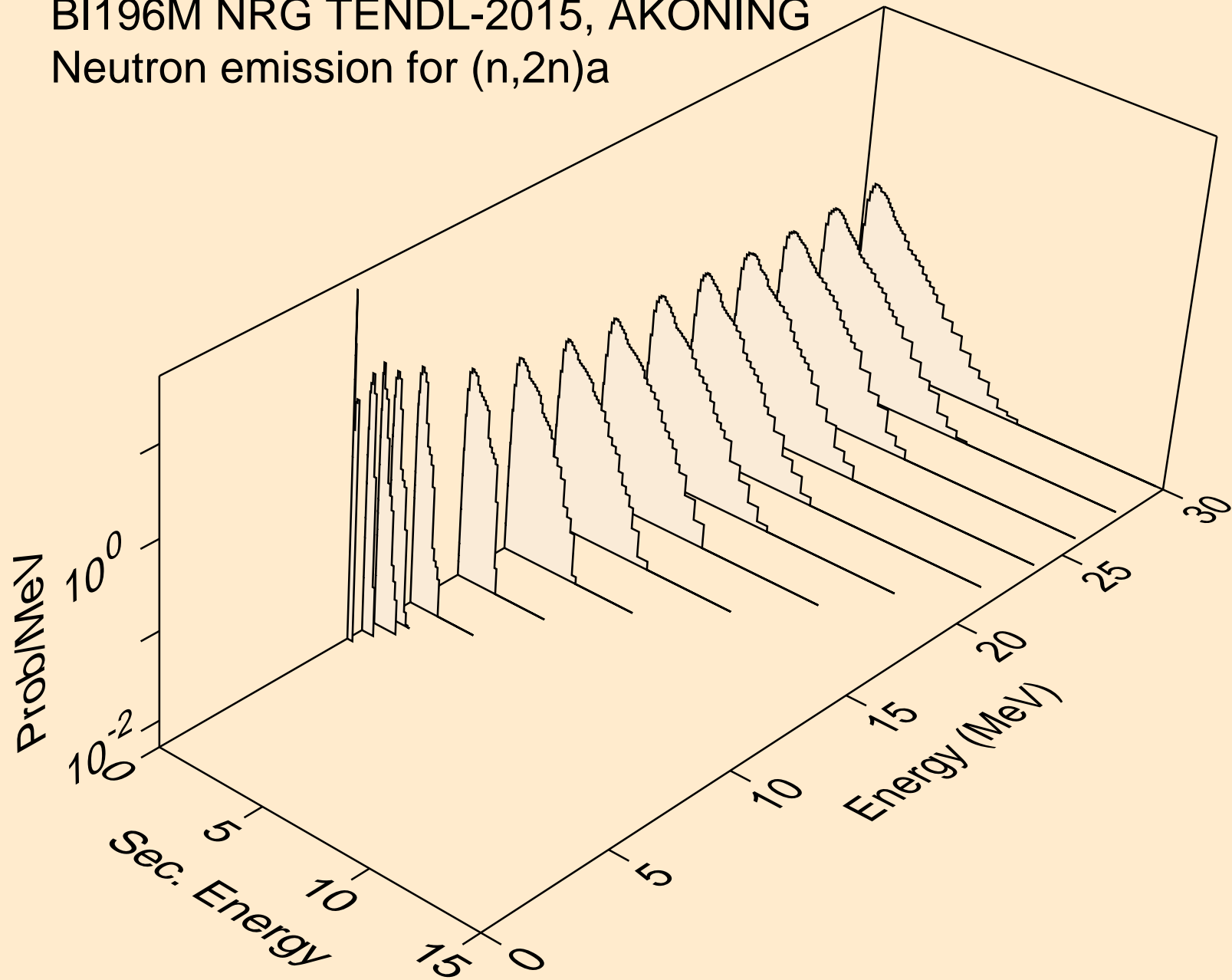
BI196M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



BI196M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

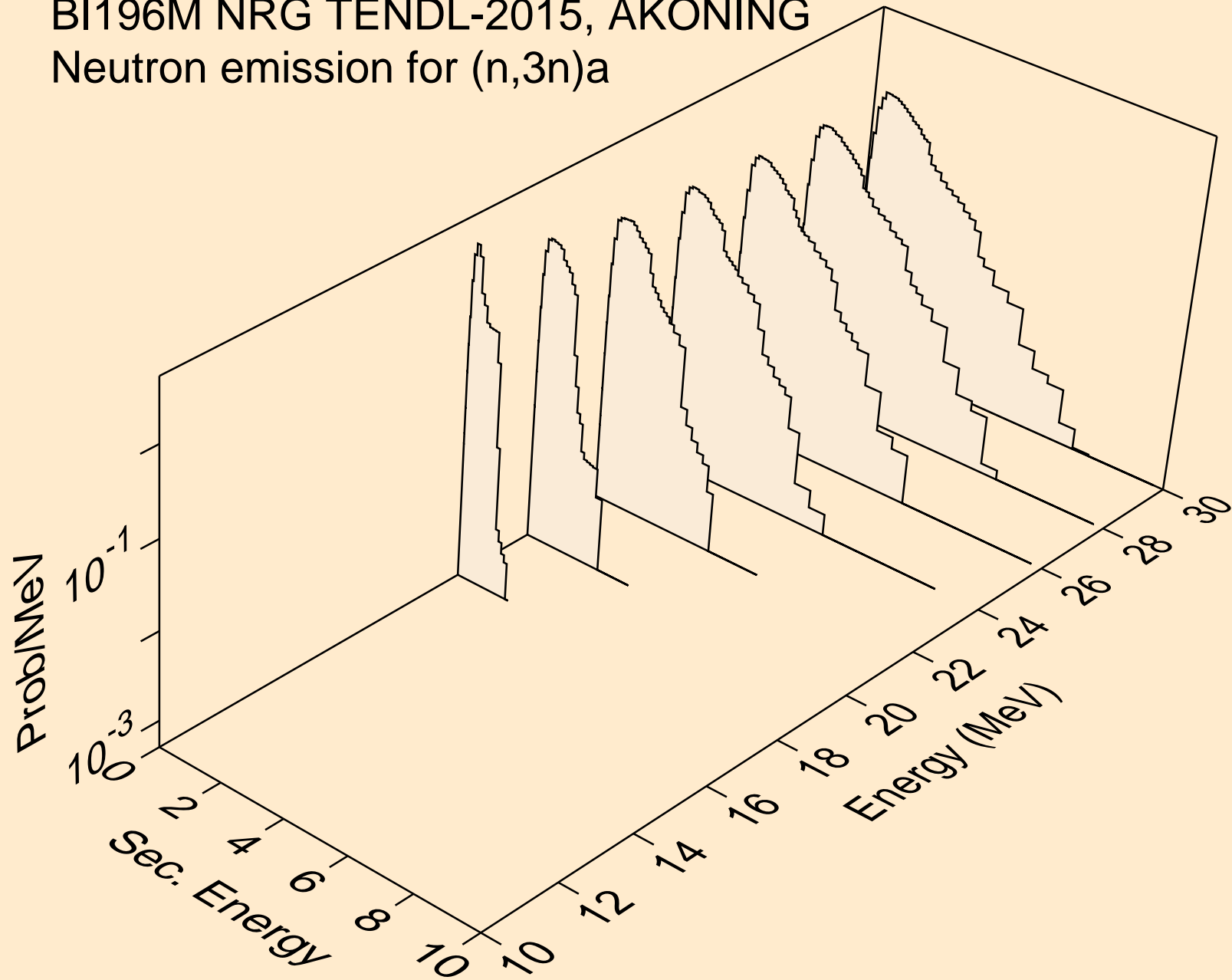


BI196M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

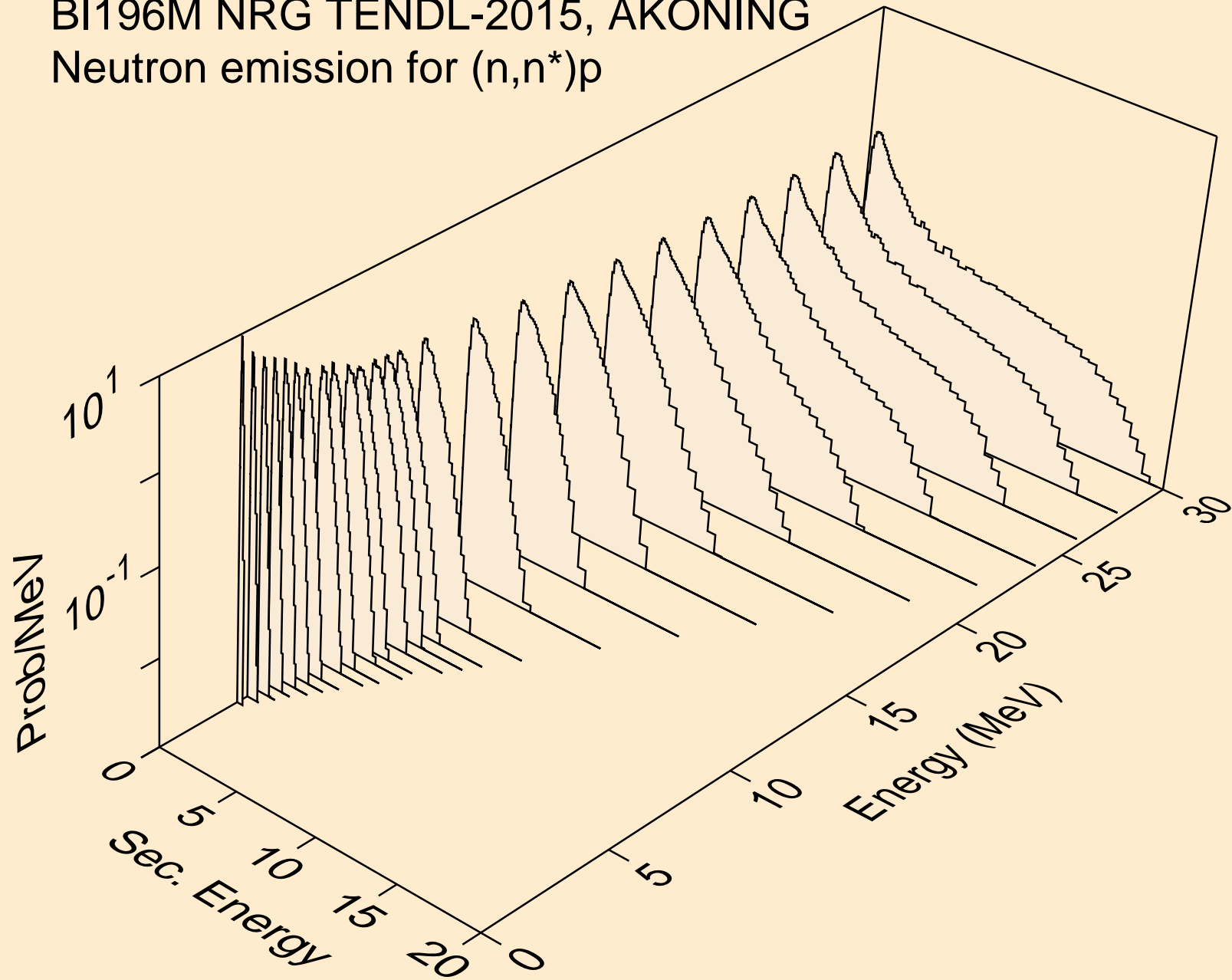




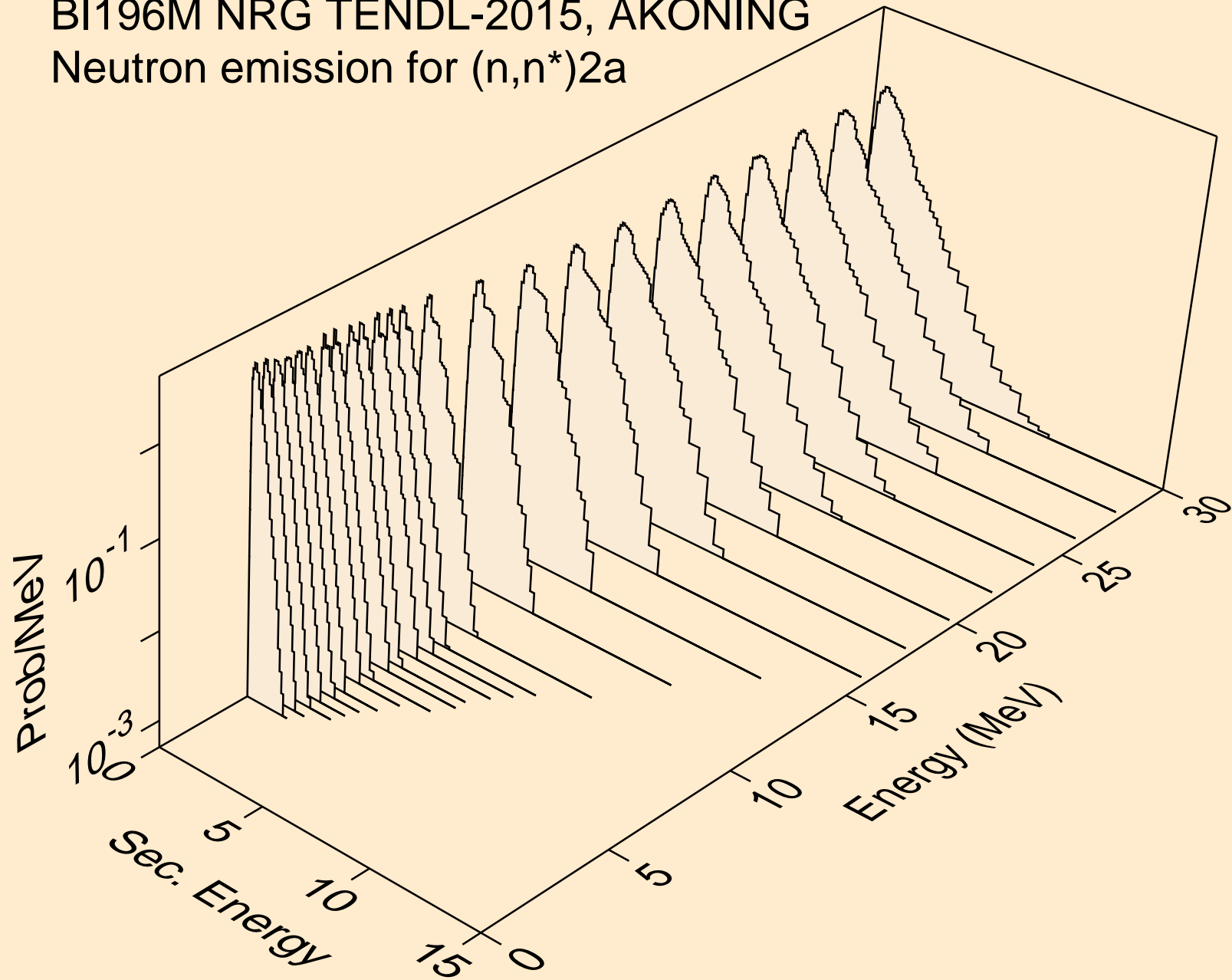
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Neutron emission for (n,3n)a



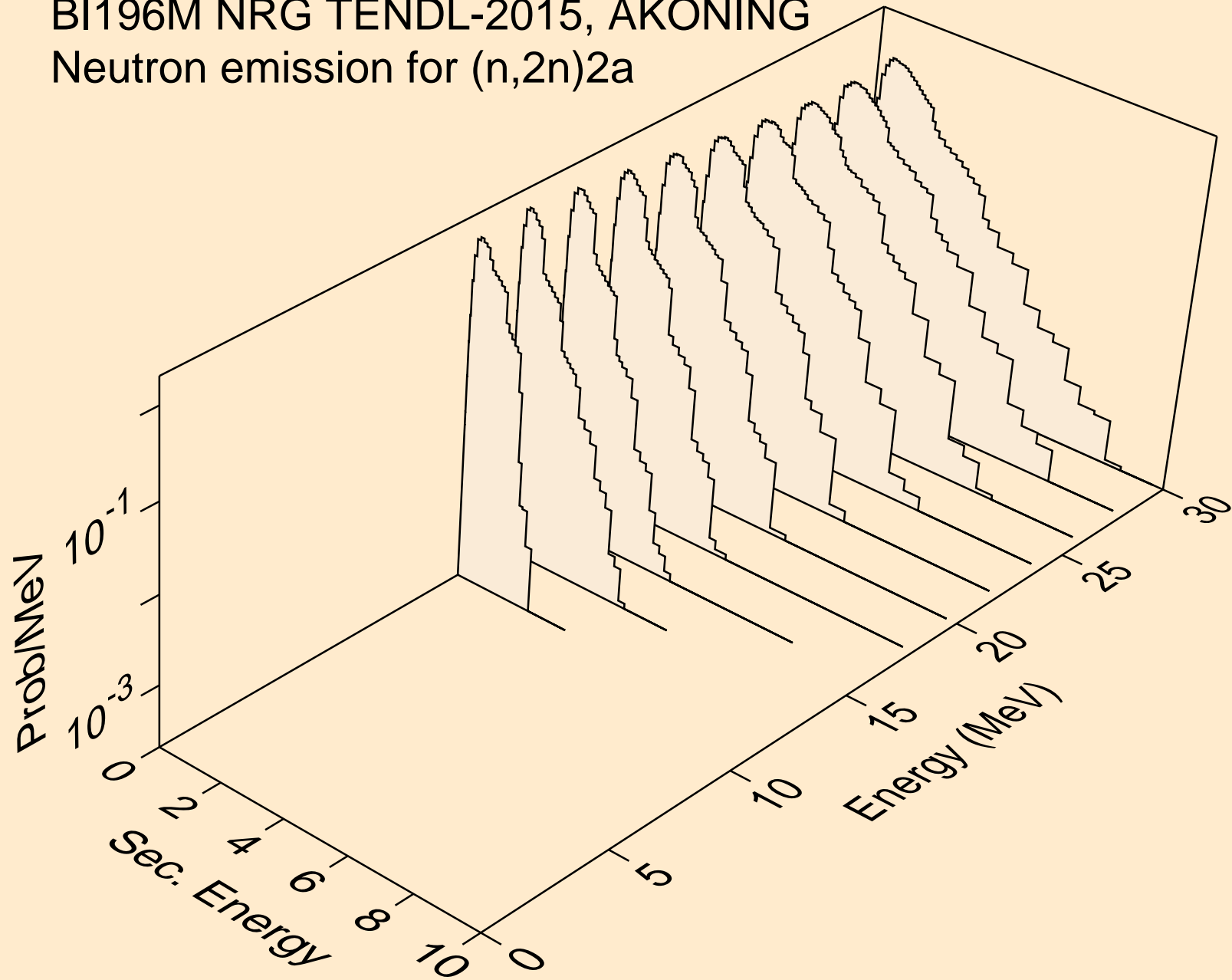
BI196M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



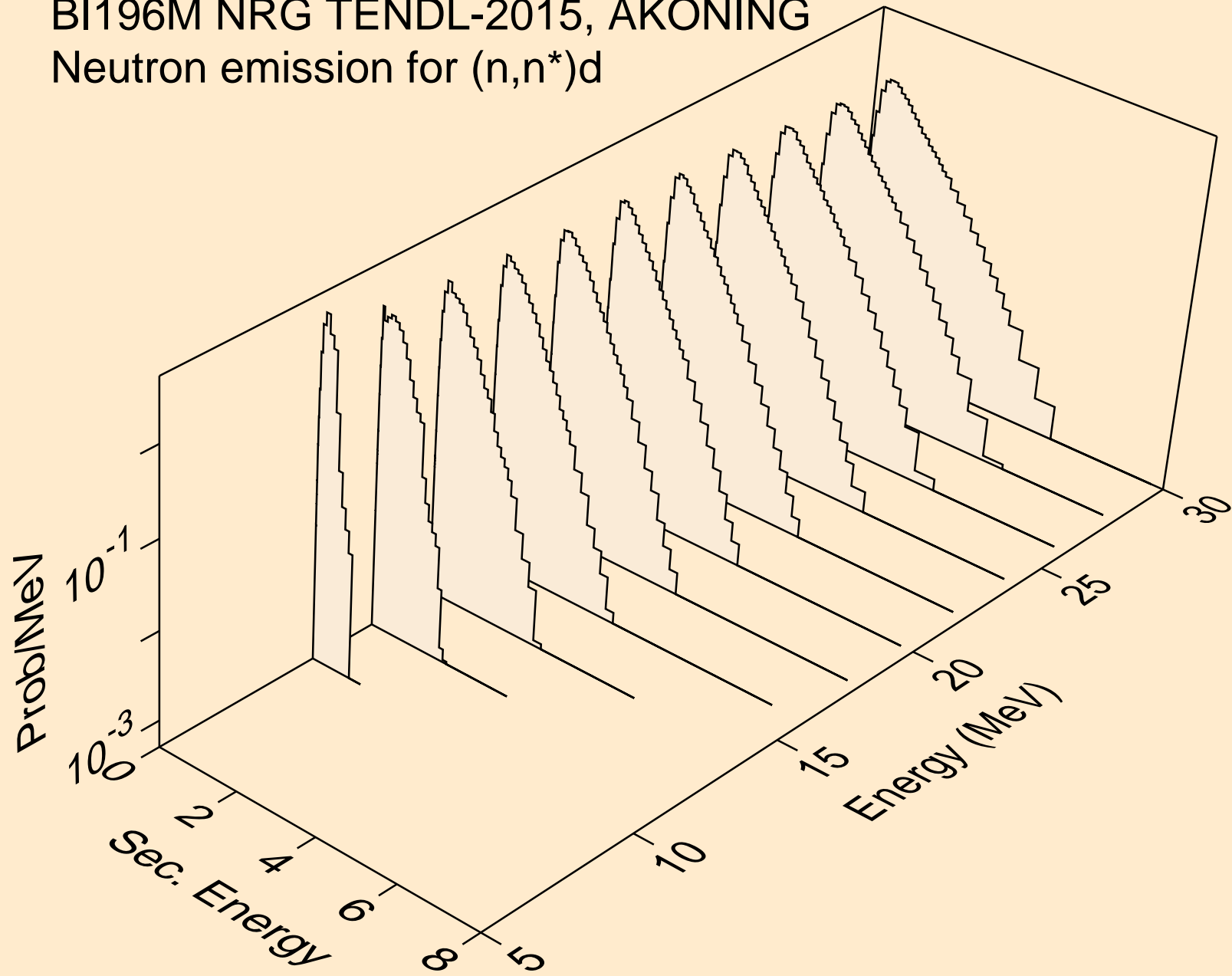
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Neutron emission for (n,n\*)2a



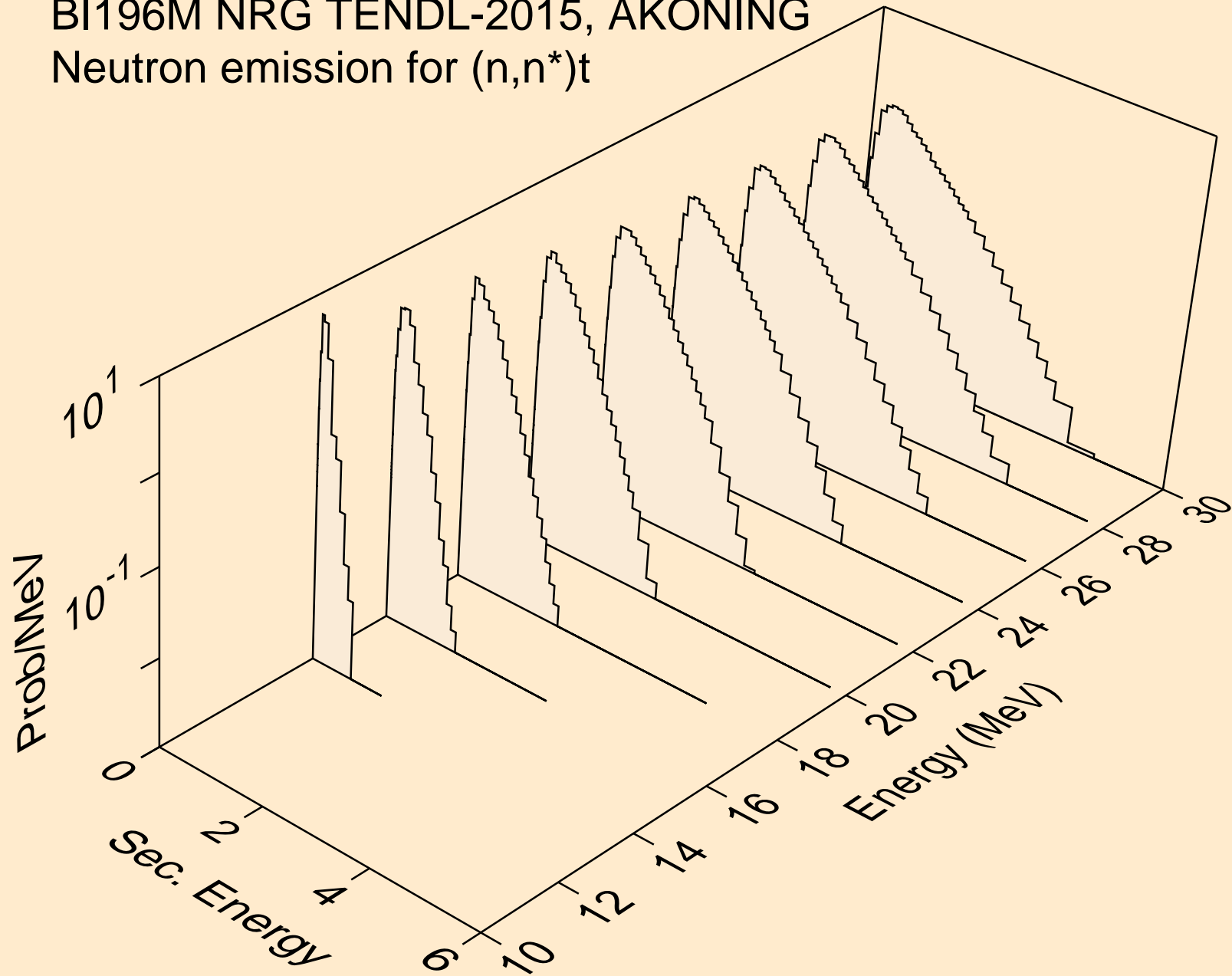
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Neutron emission for (n,2n)2a



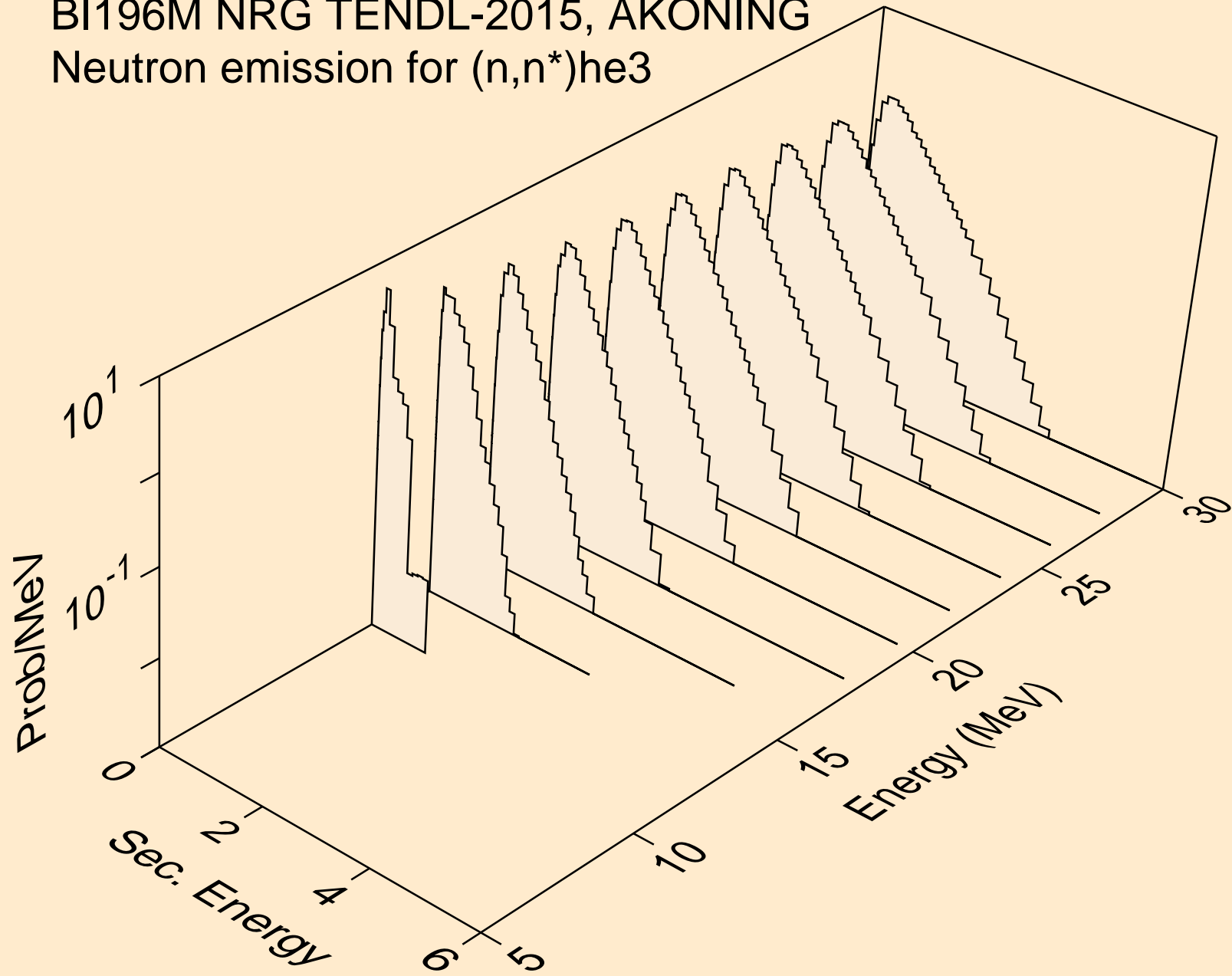
BI196M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



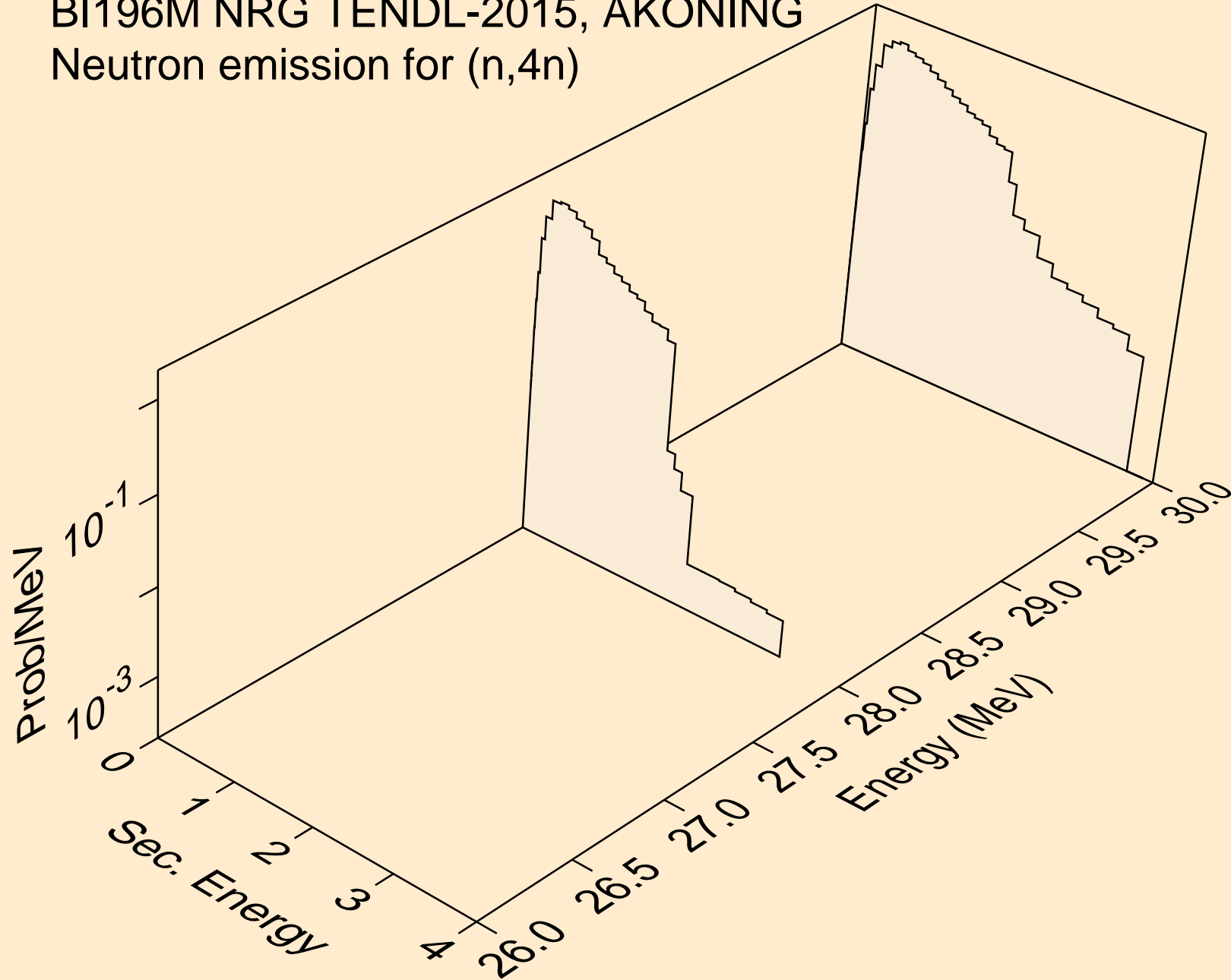
BI196M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



BI196M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3

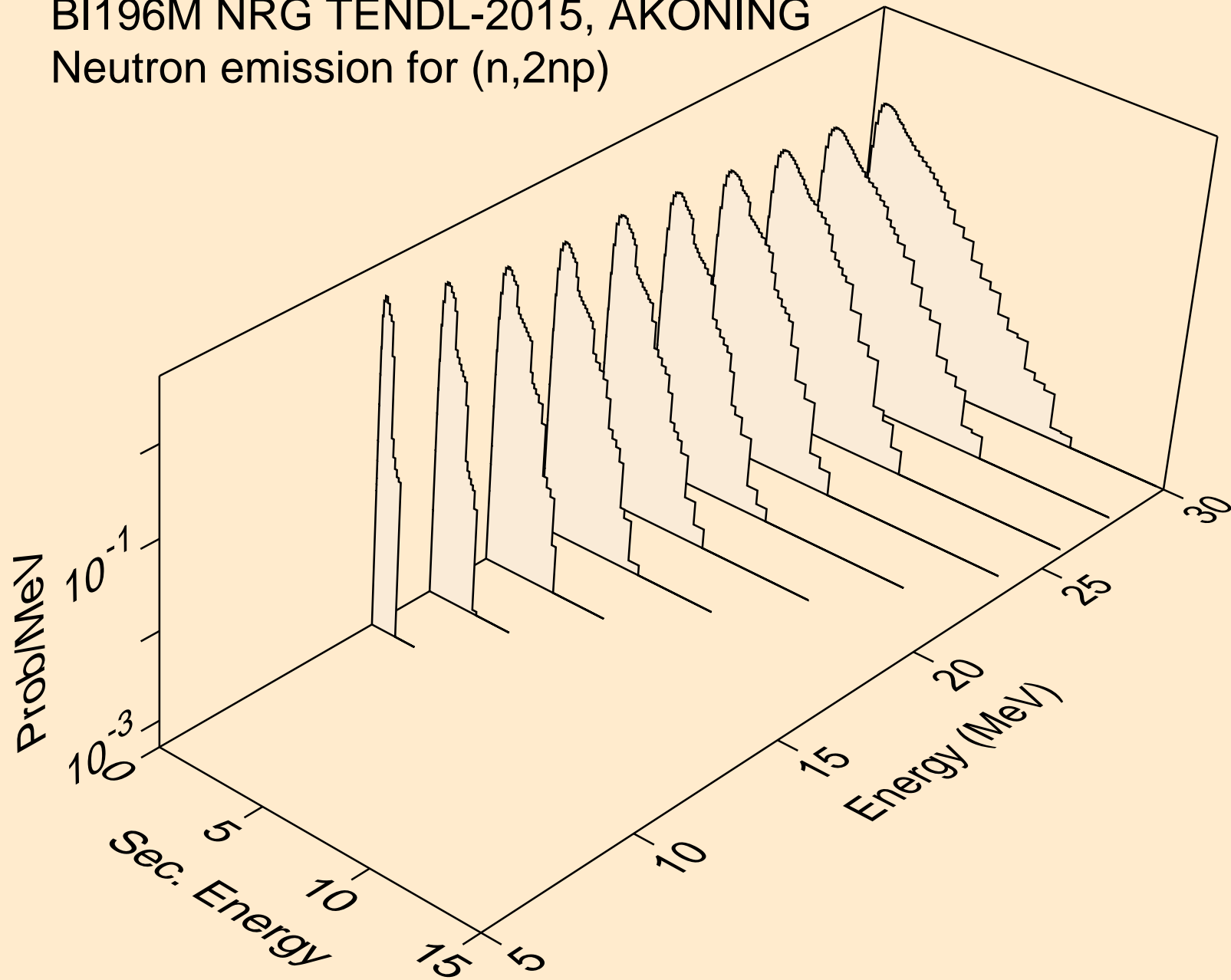


BI196M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)

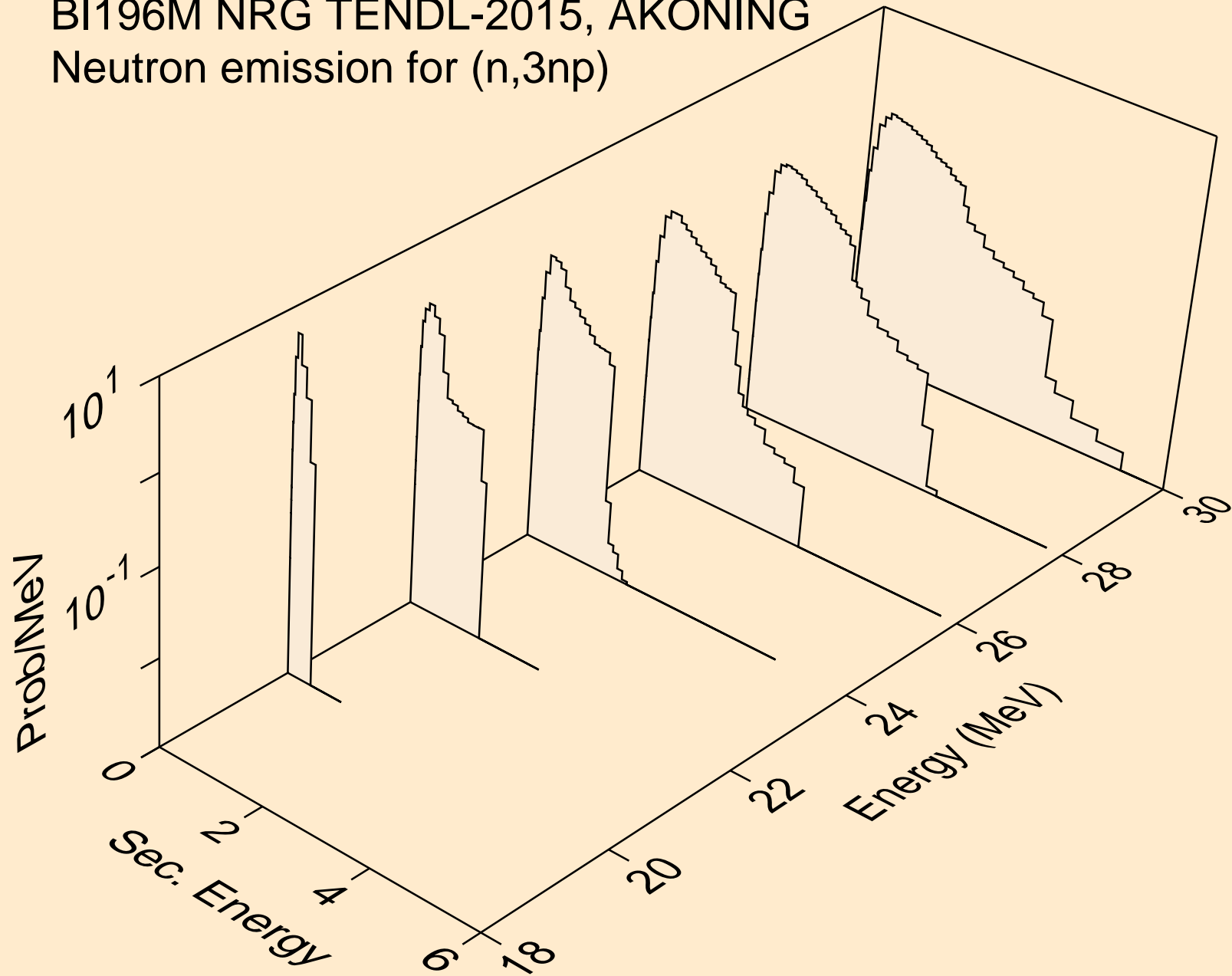




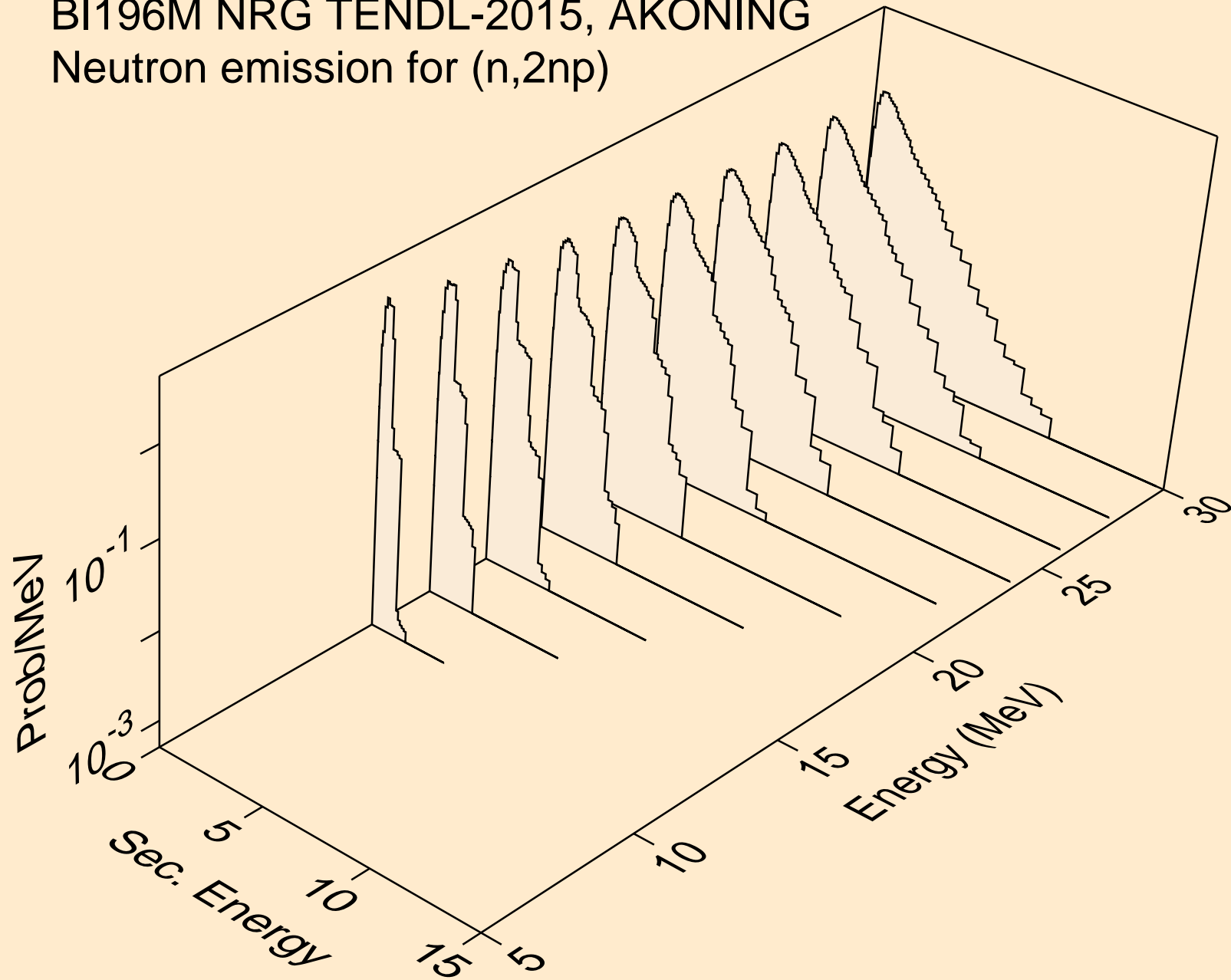
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Neutron emission for (n,2np)



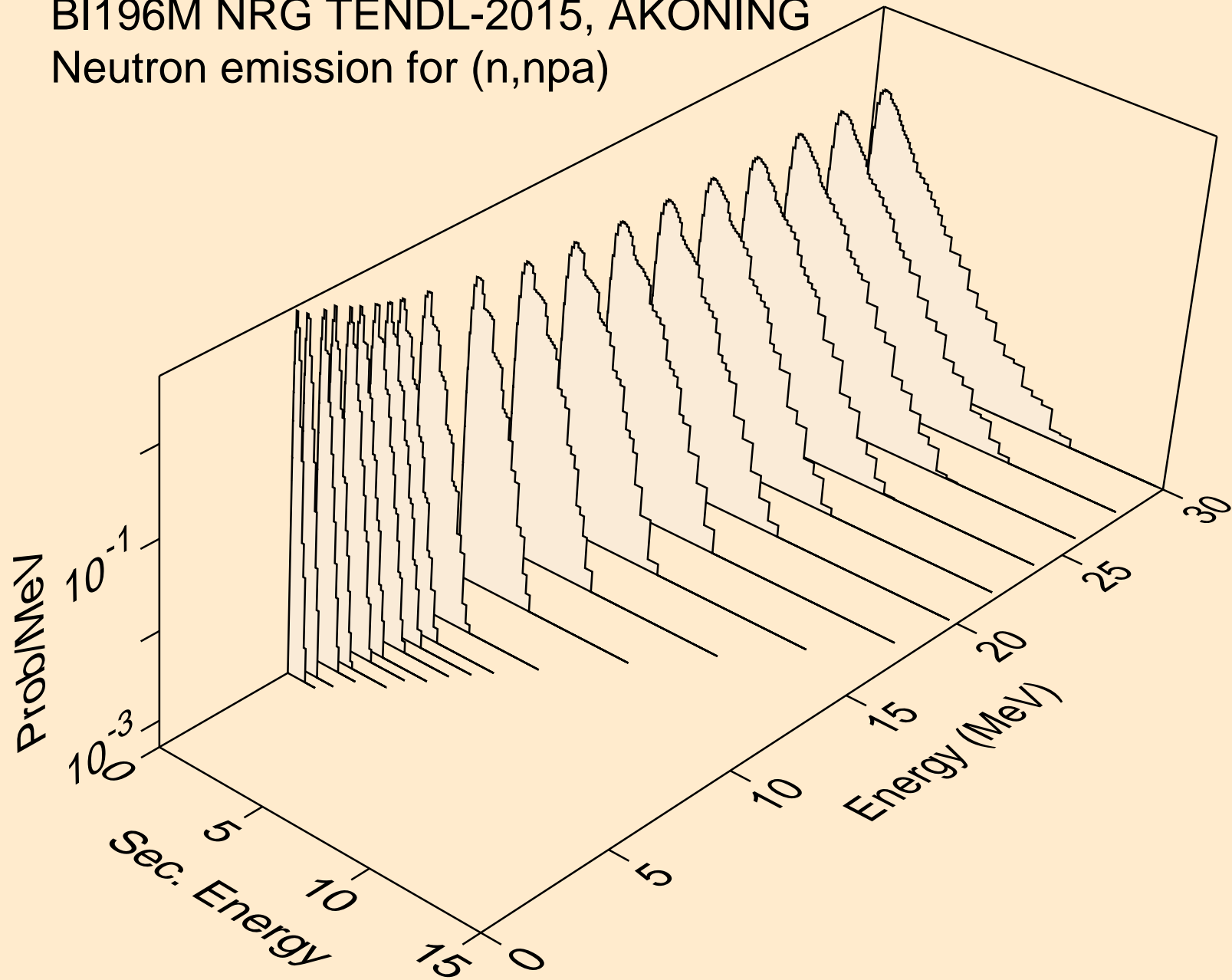
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Neutron emission for (n,3np)



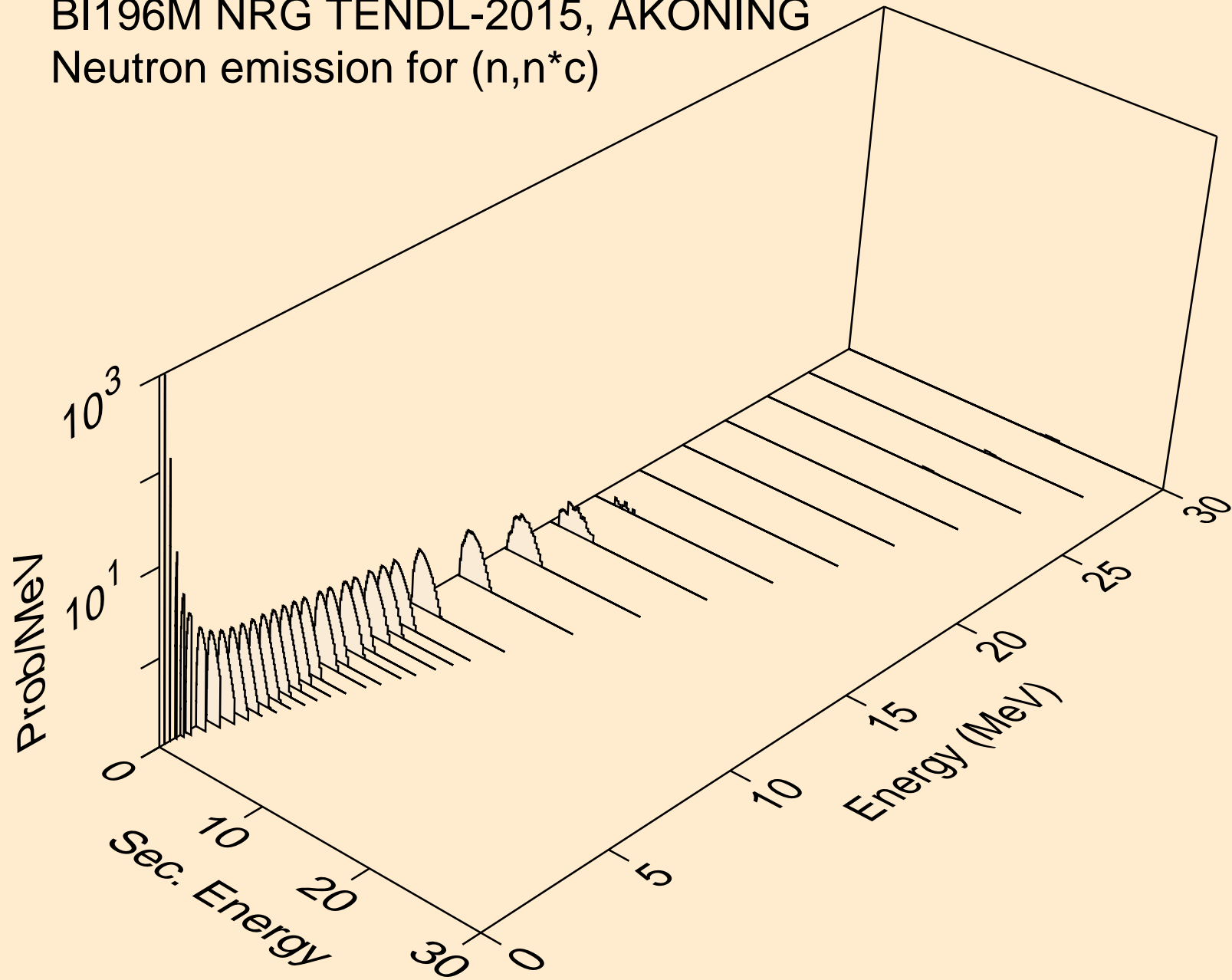
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Neutron emission for (n,2np)



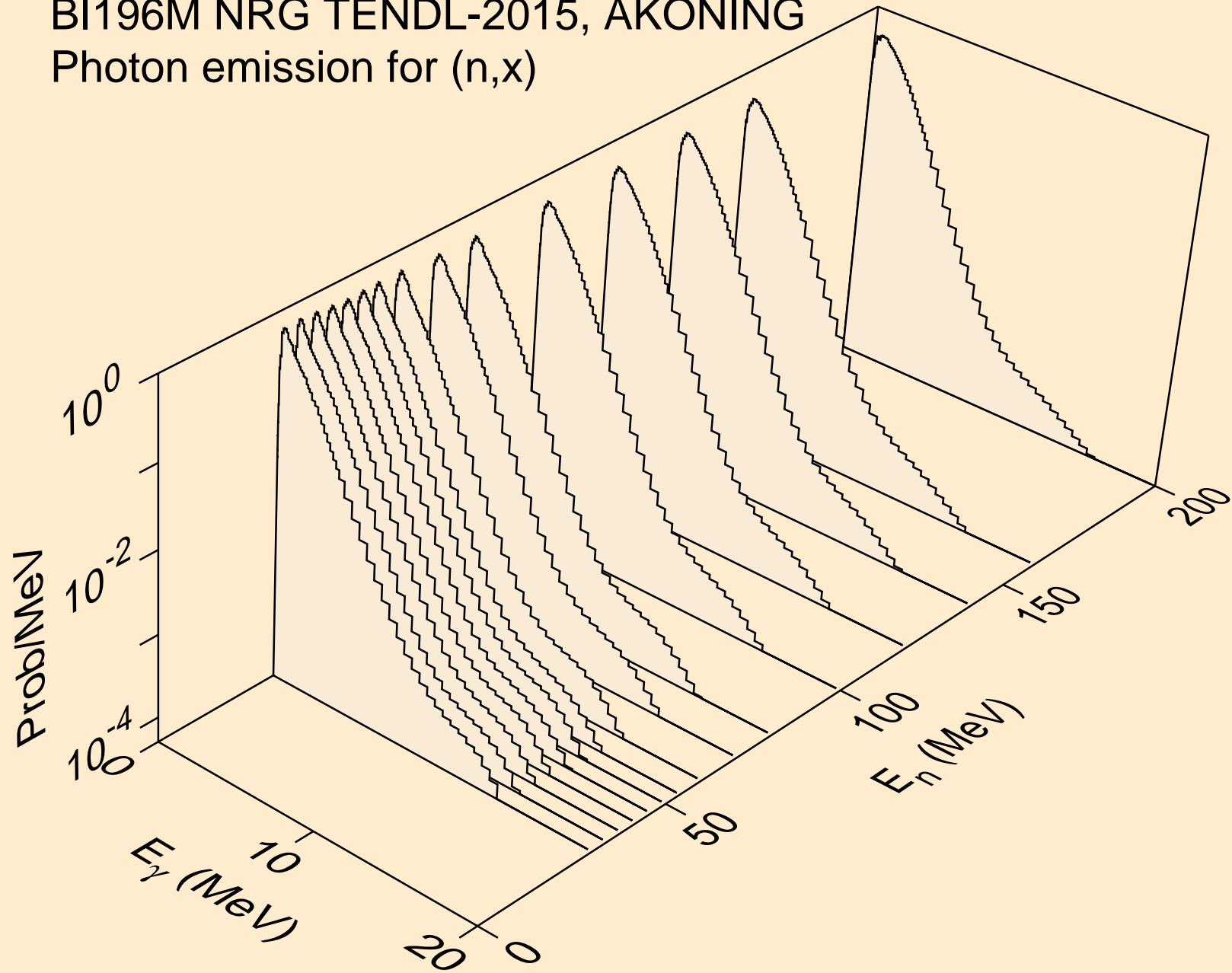
BI196M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



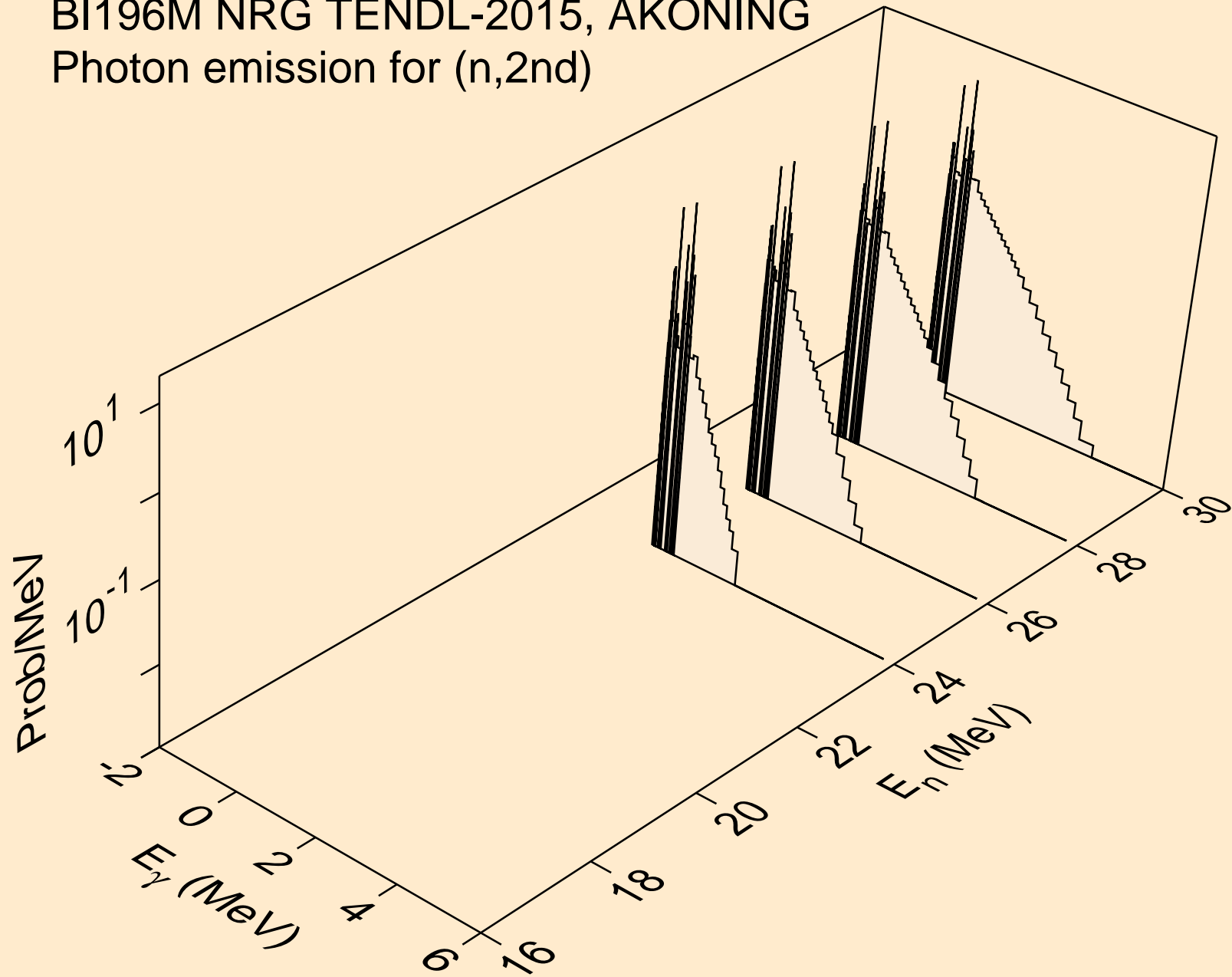
BI196M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



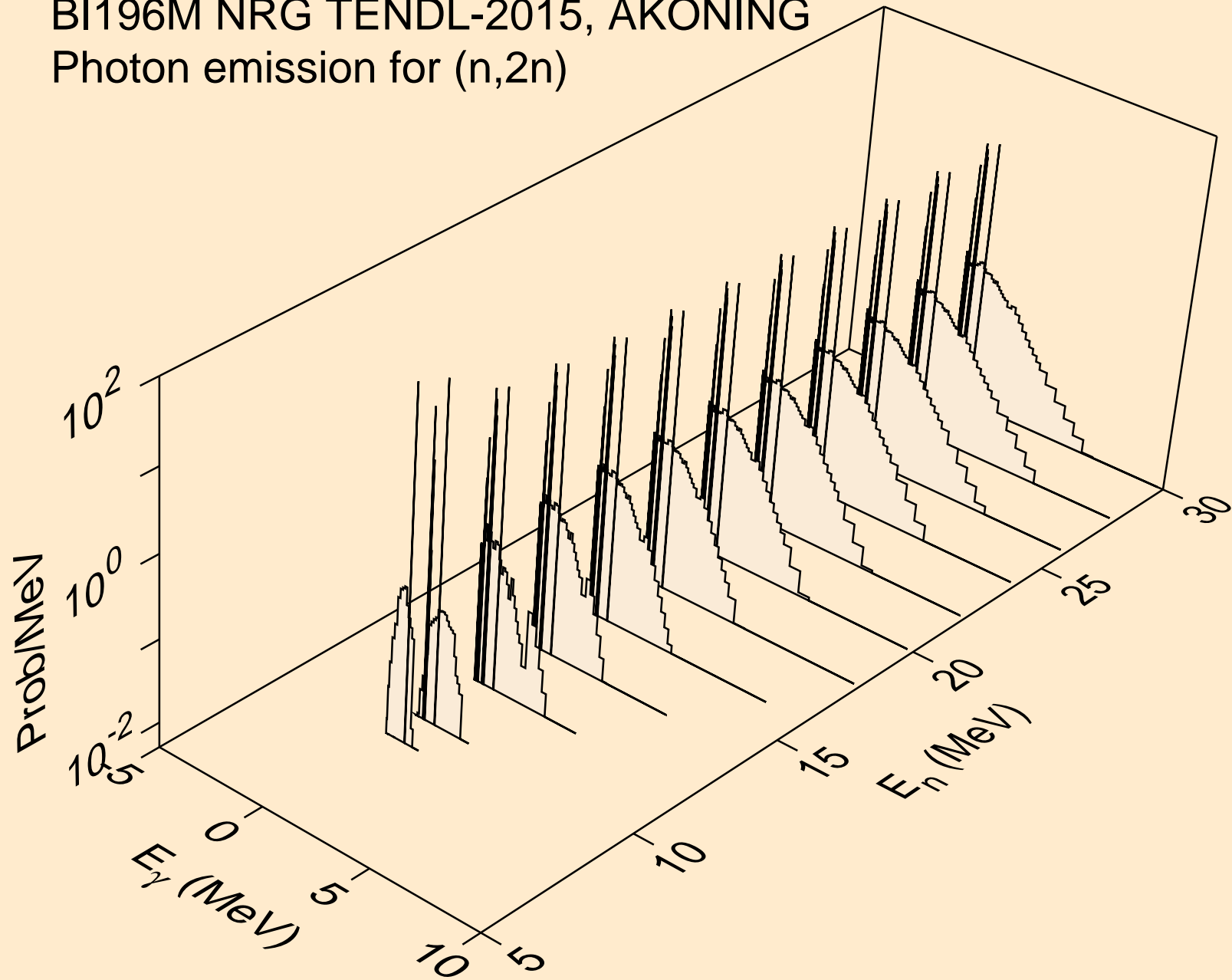
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)

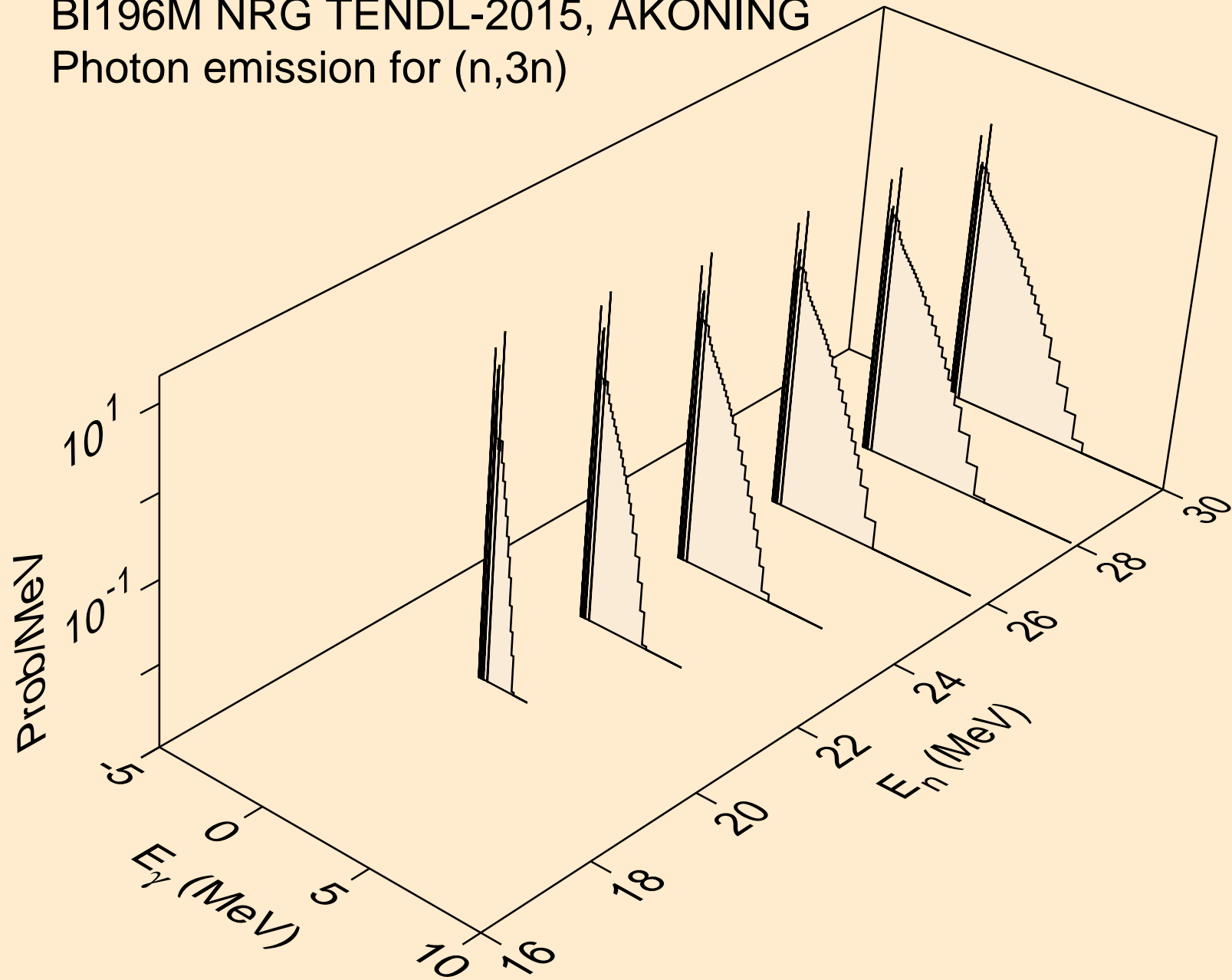


BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

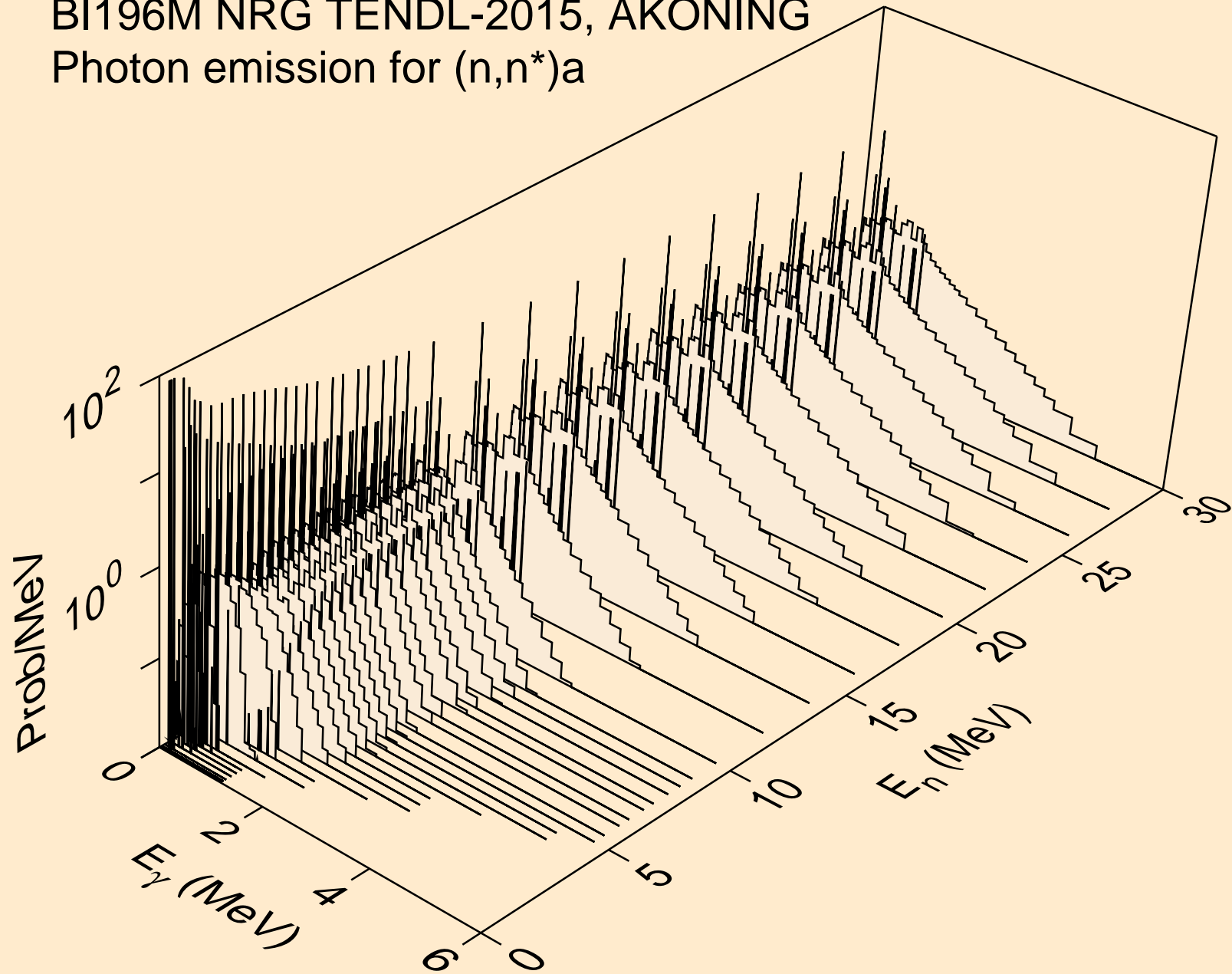




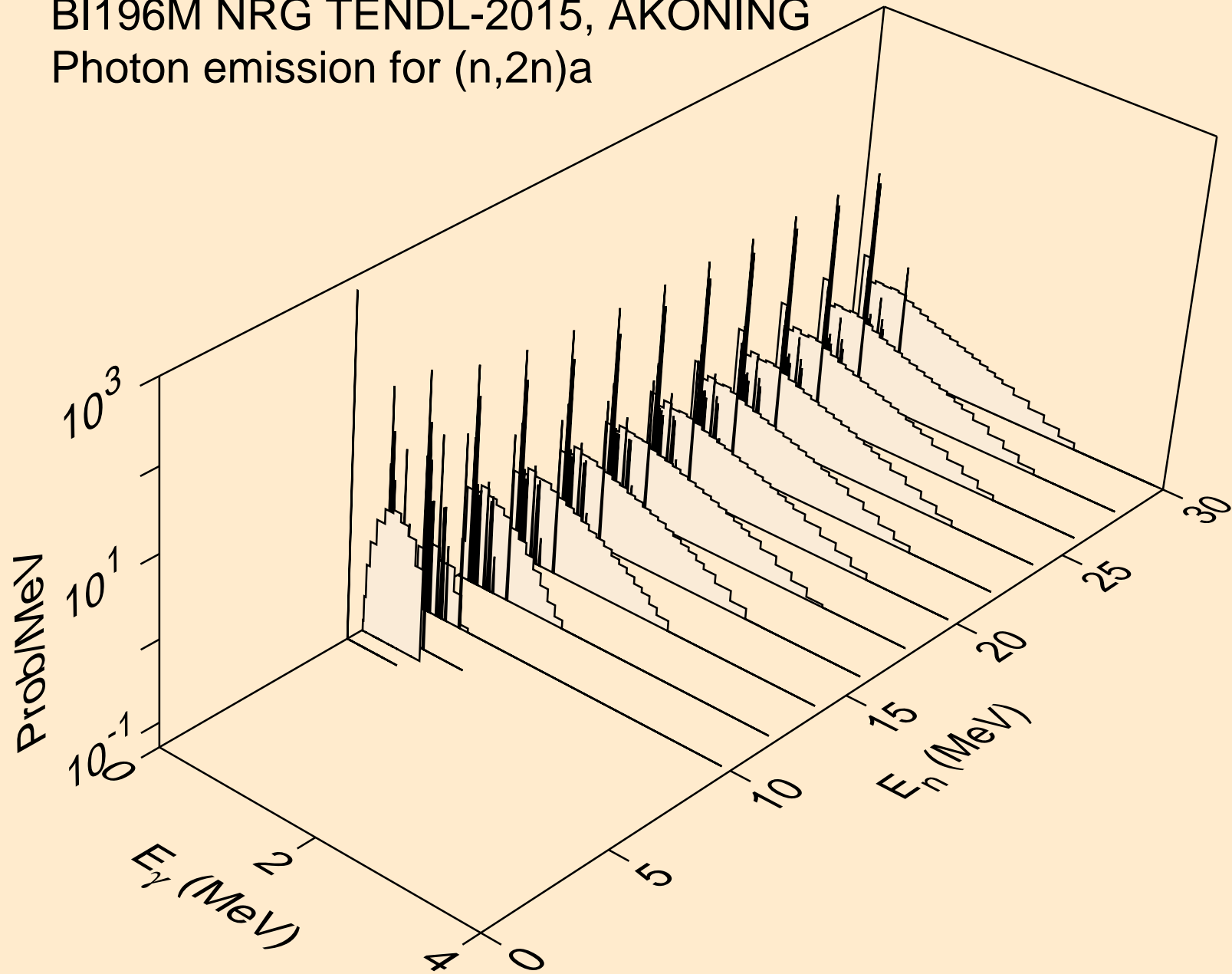
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Photon emission for (n,3n)



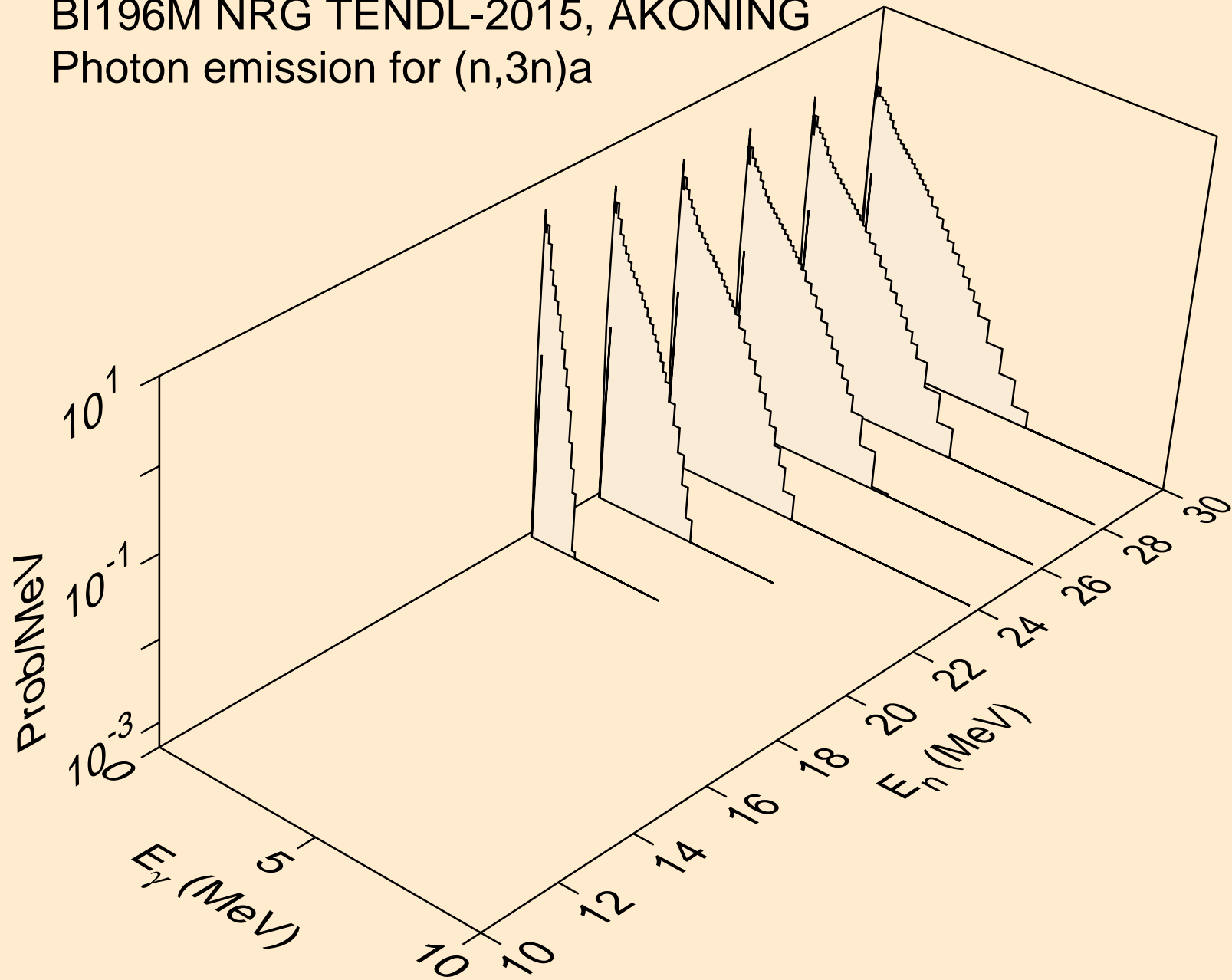
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Photon emission for (n,n\*)a



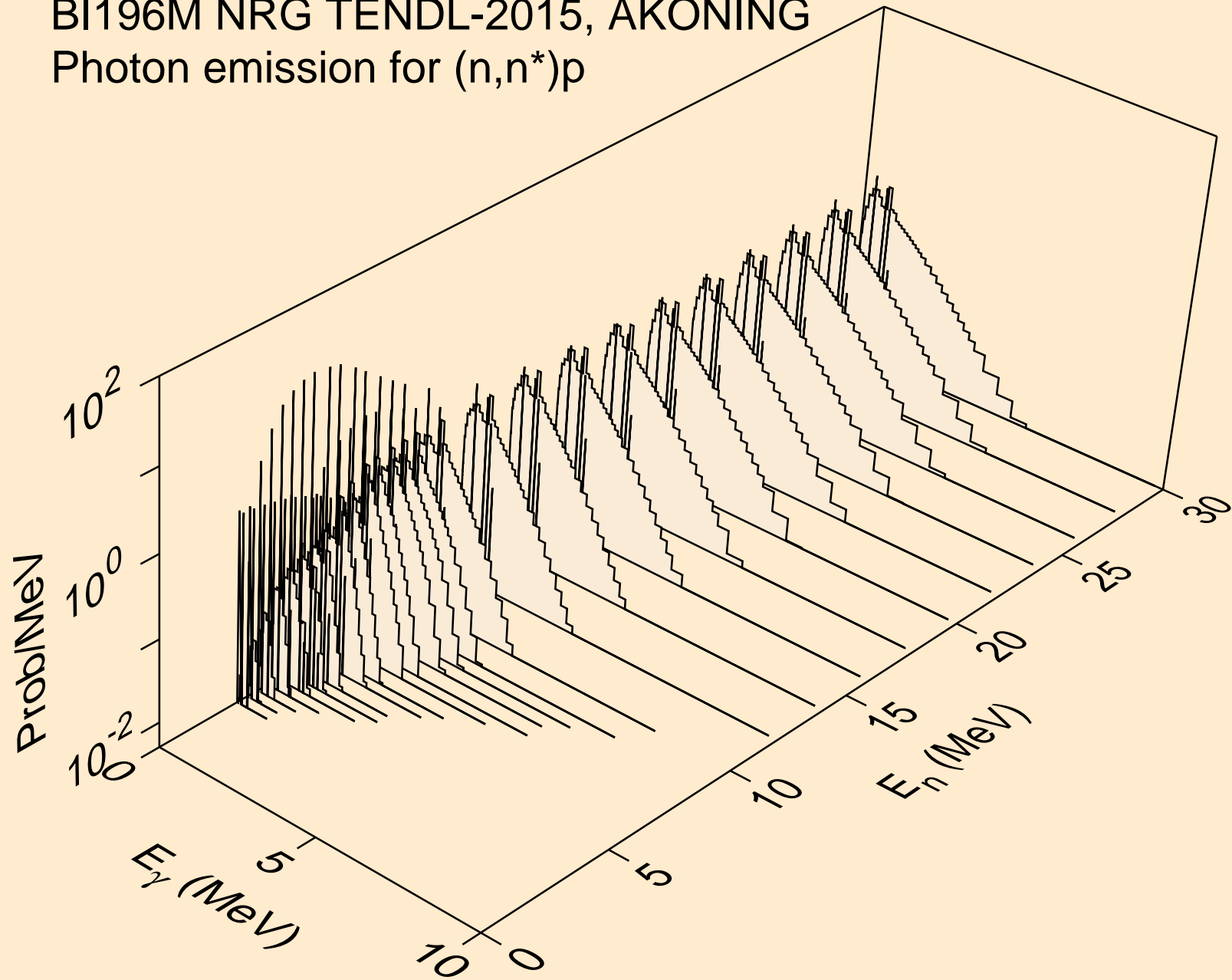
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Photon emission for (n,2n)a



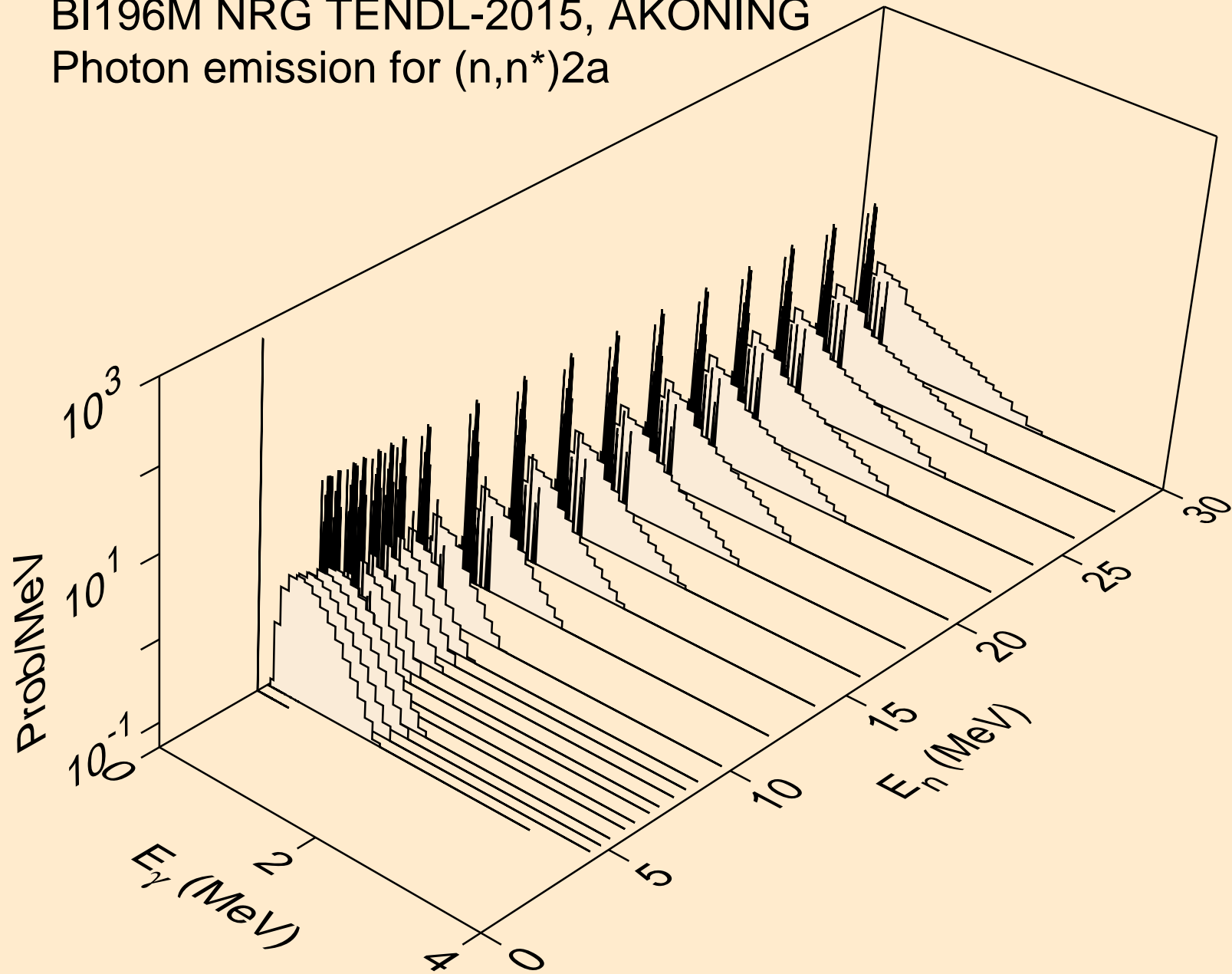
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Photon emission for (n,3n)a



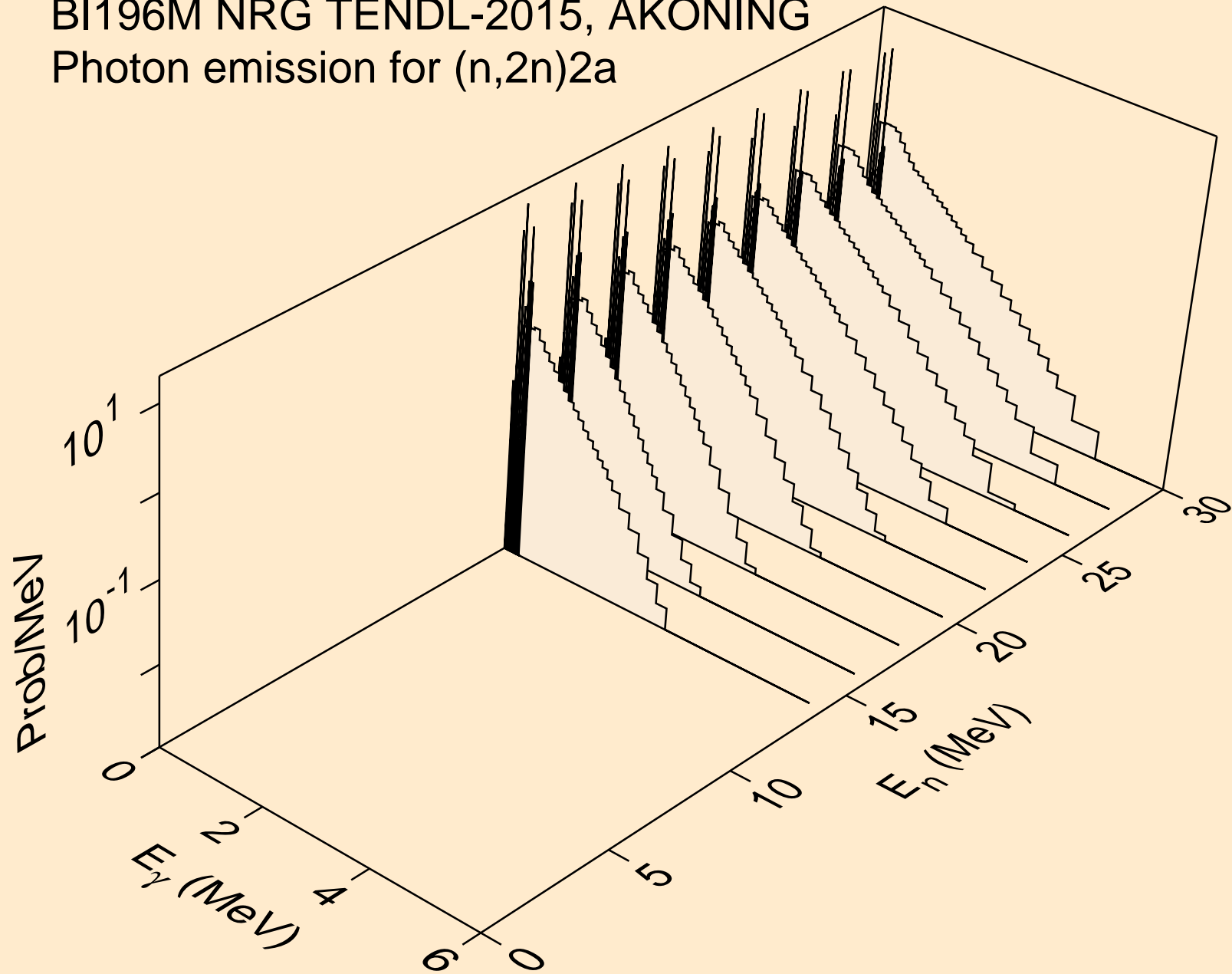
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Photon emission for (n,n\*)p



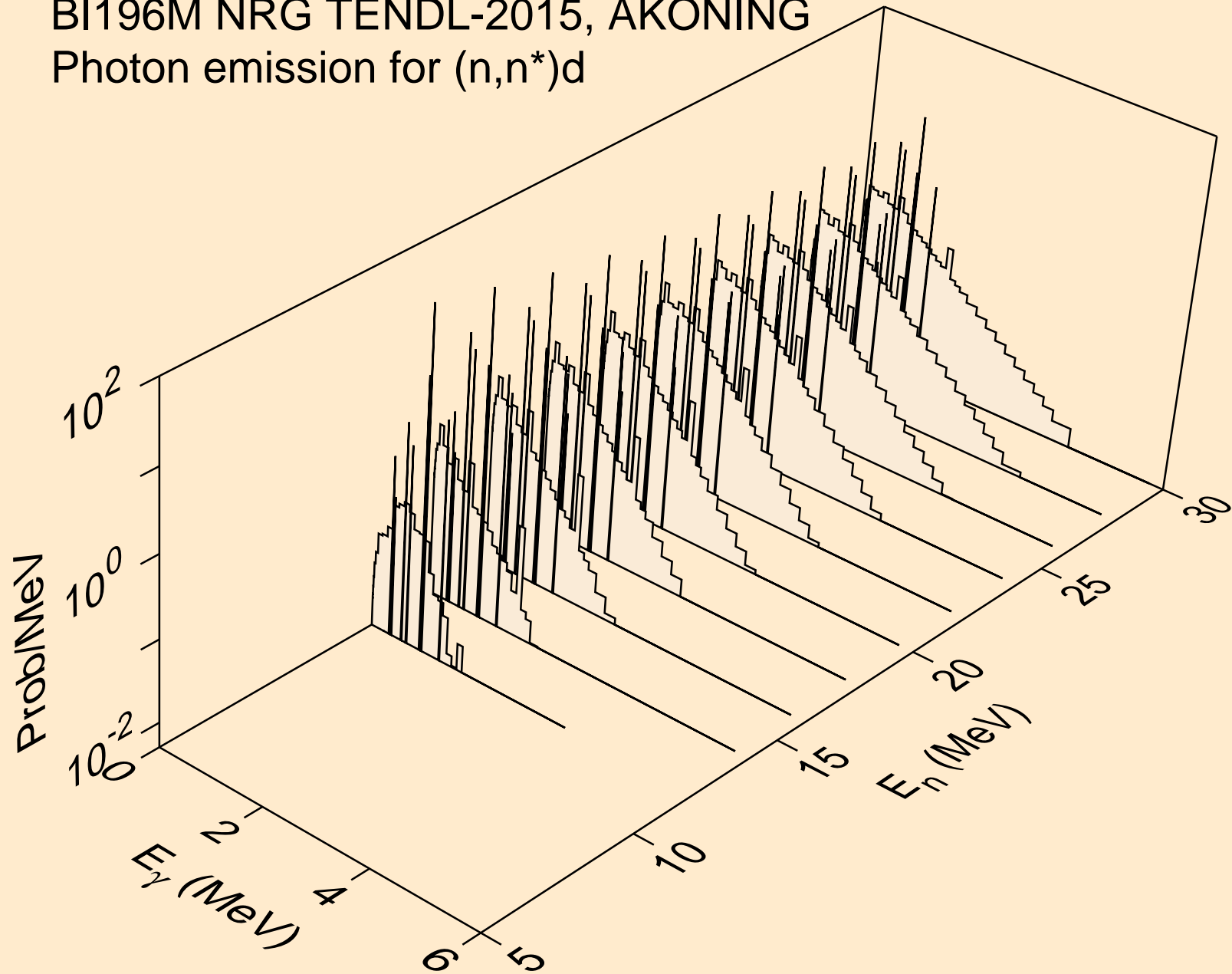
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

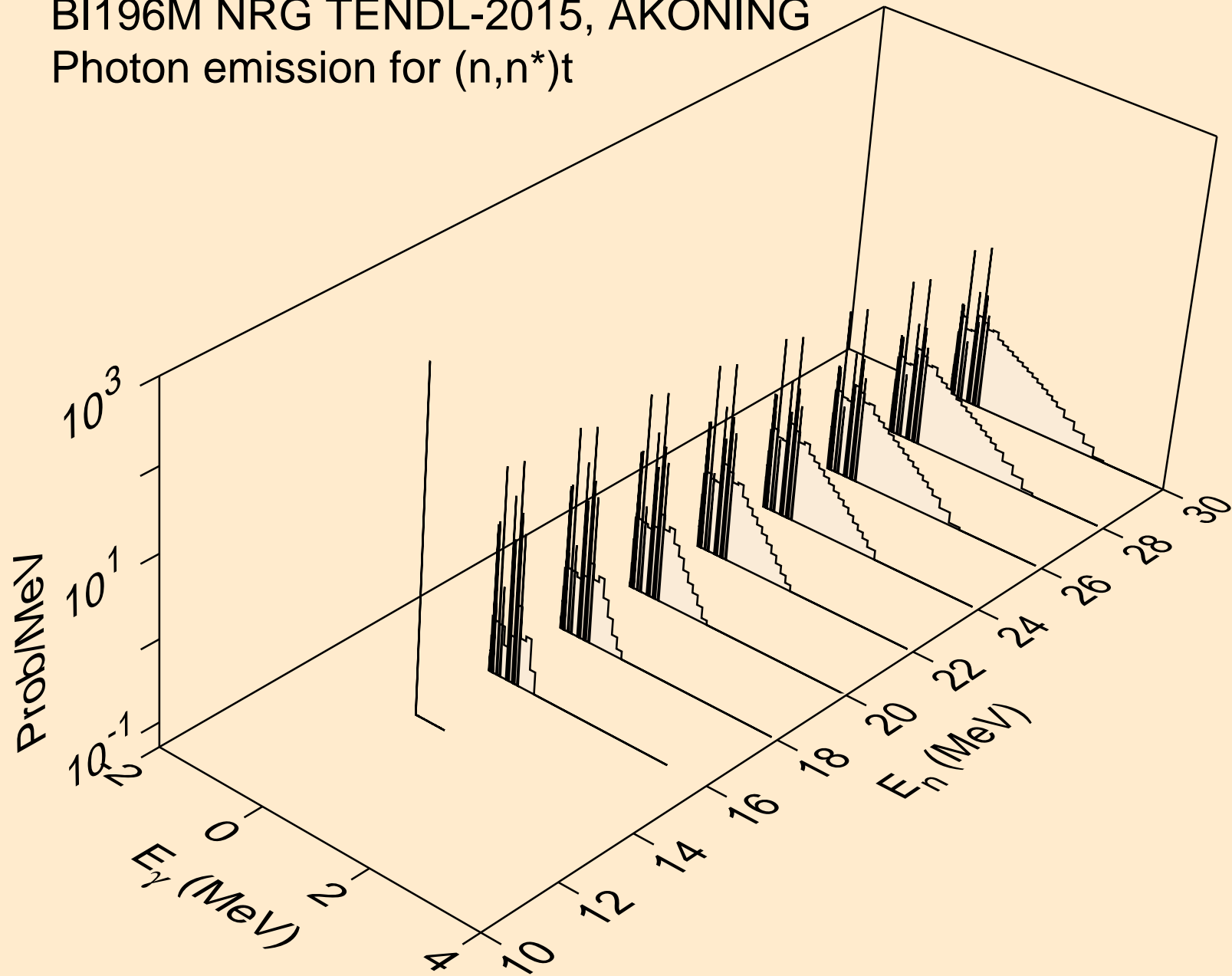


BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

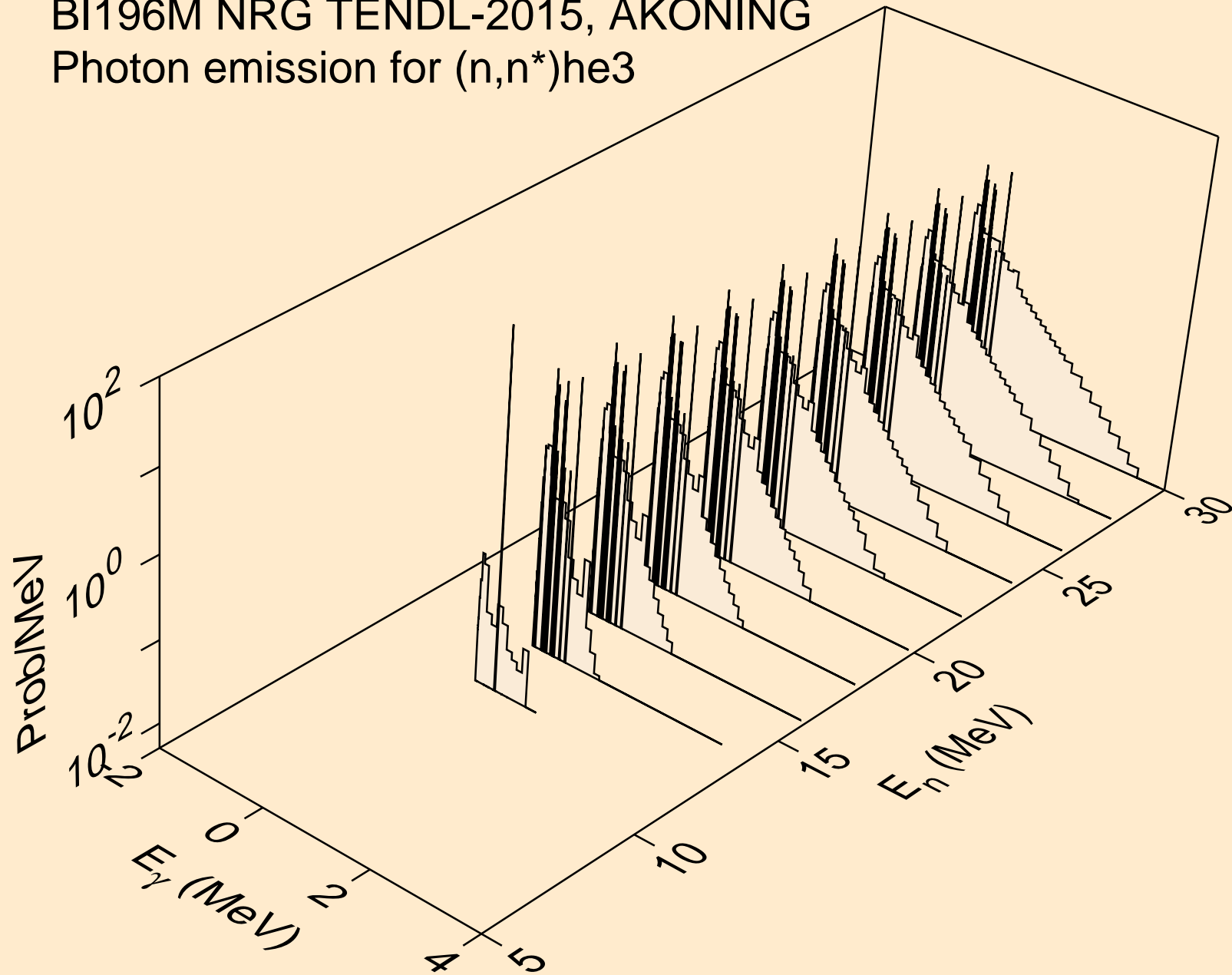




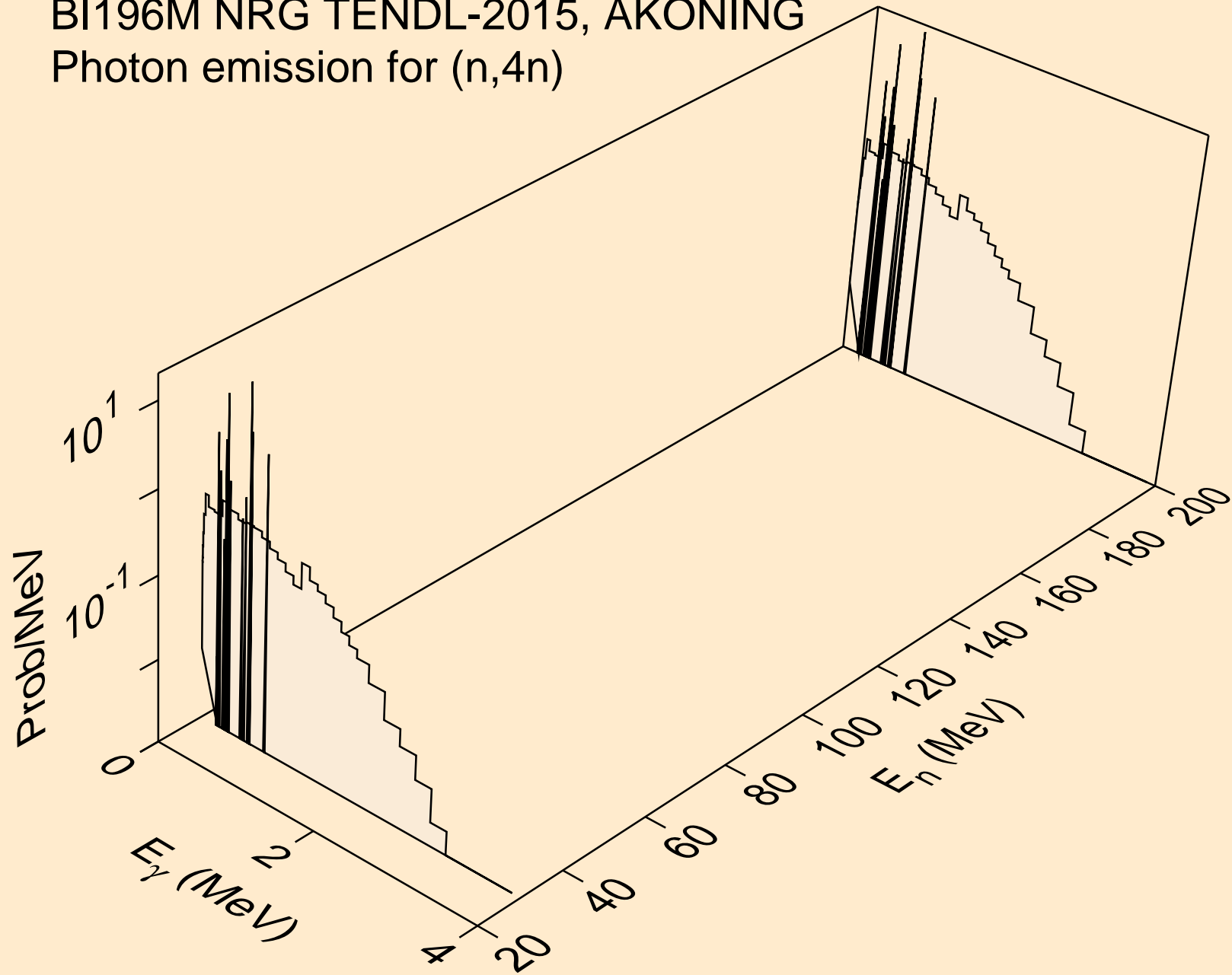
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



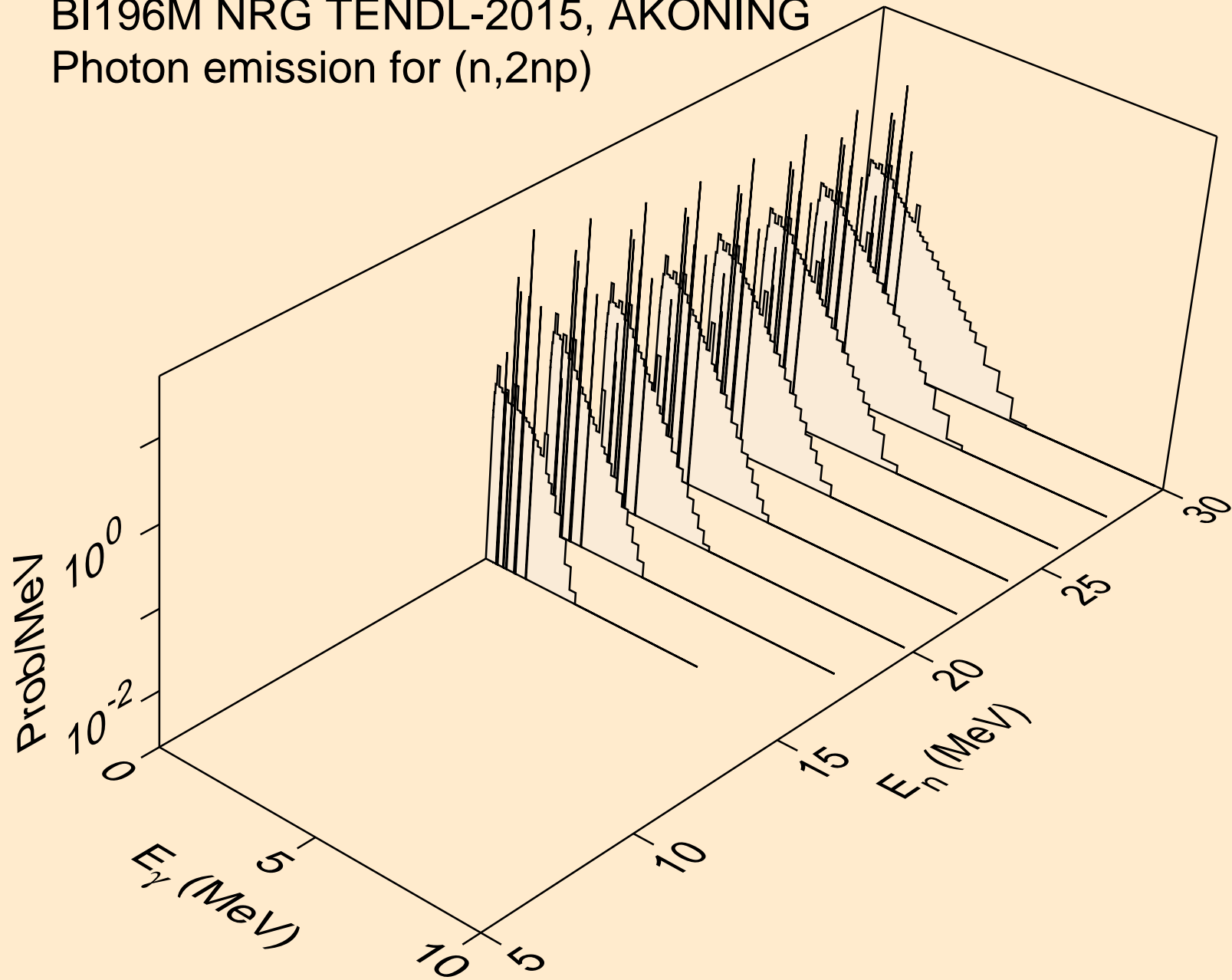
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



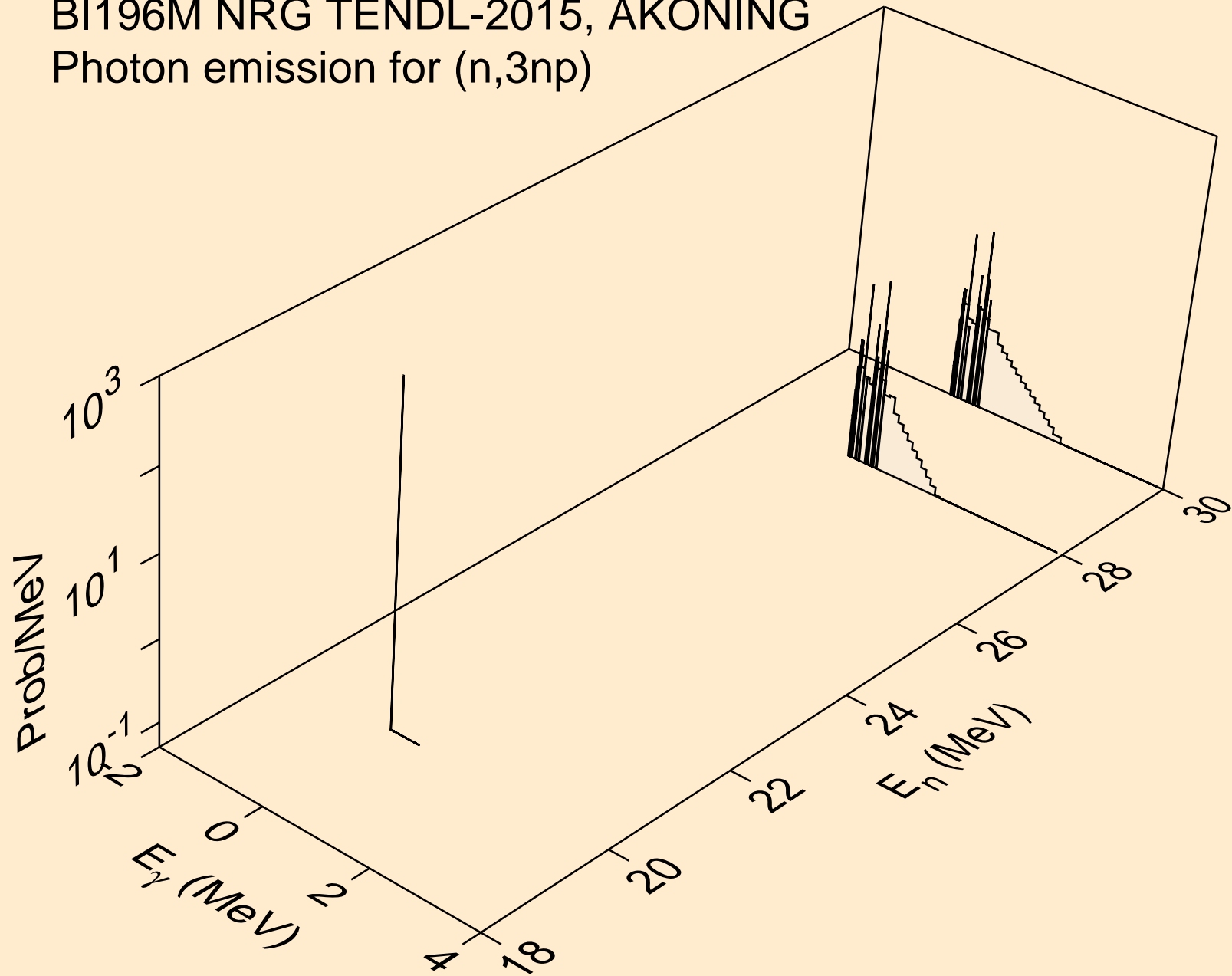
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



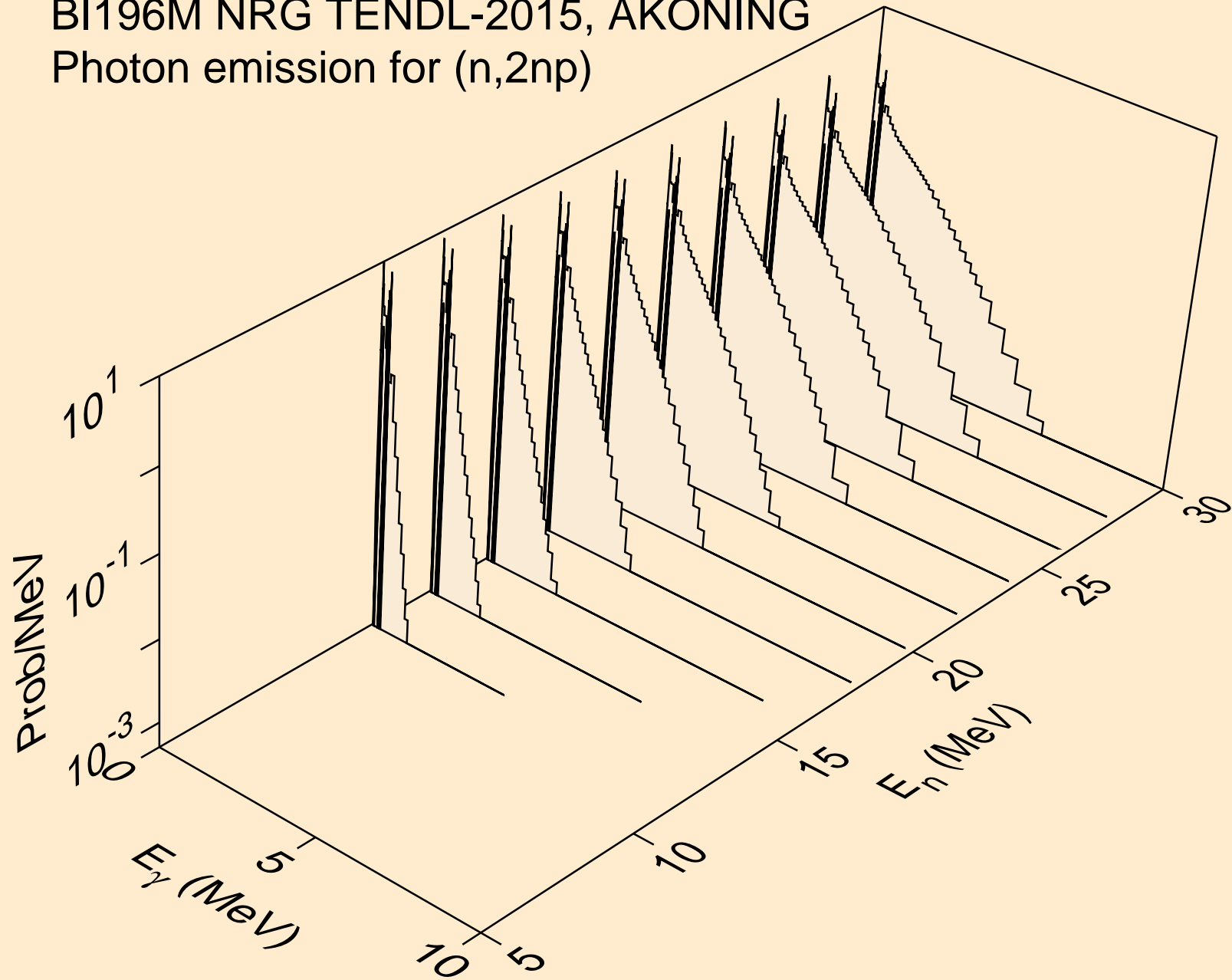
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



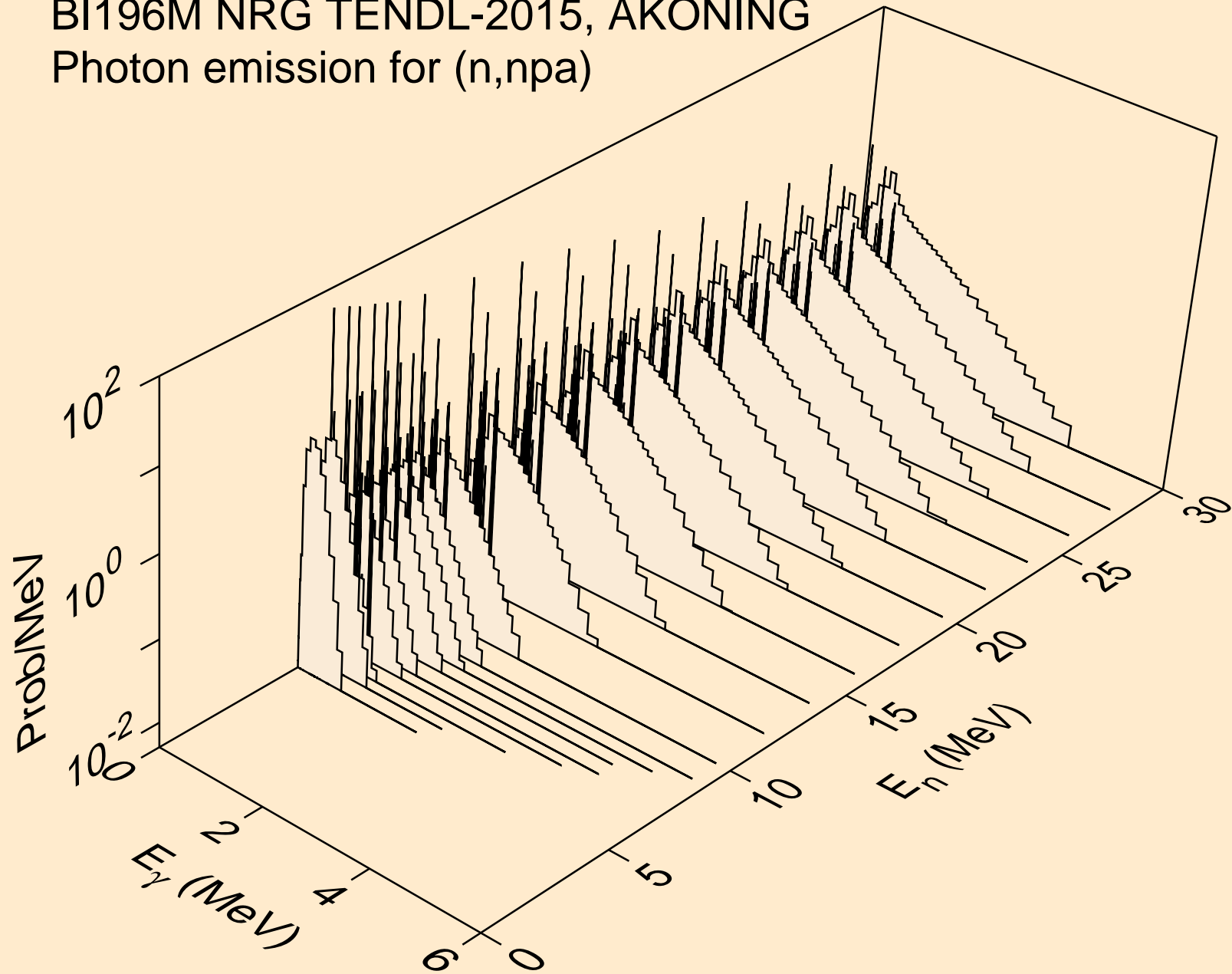
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



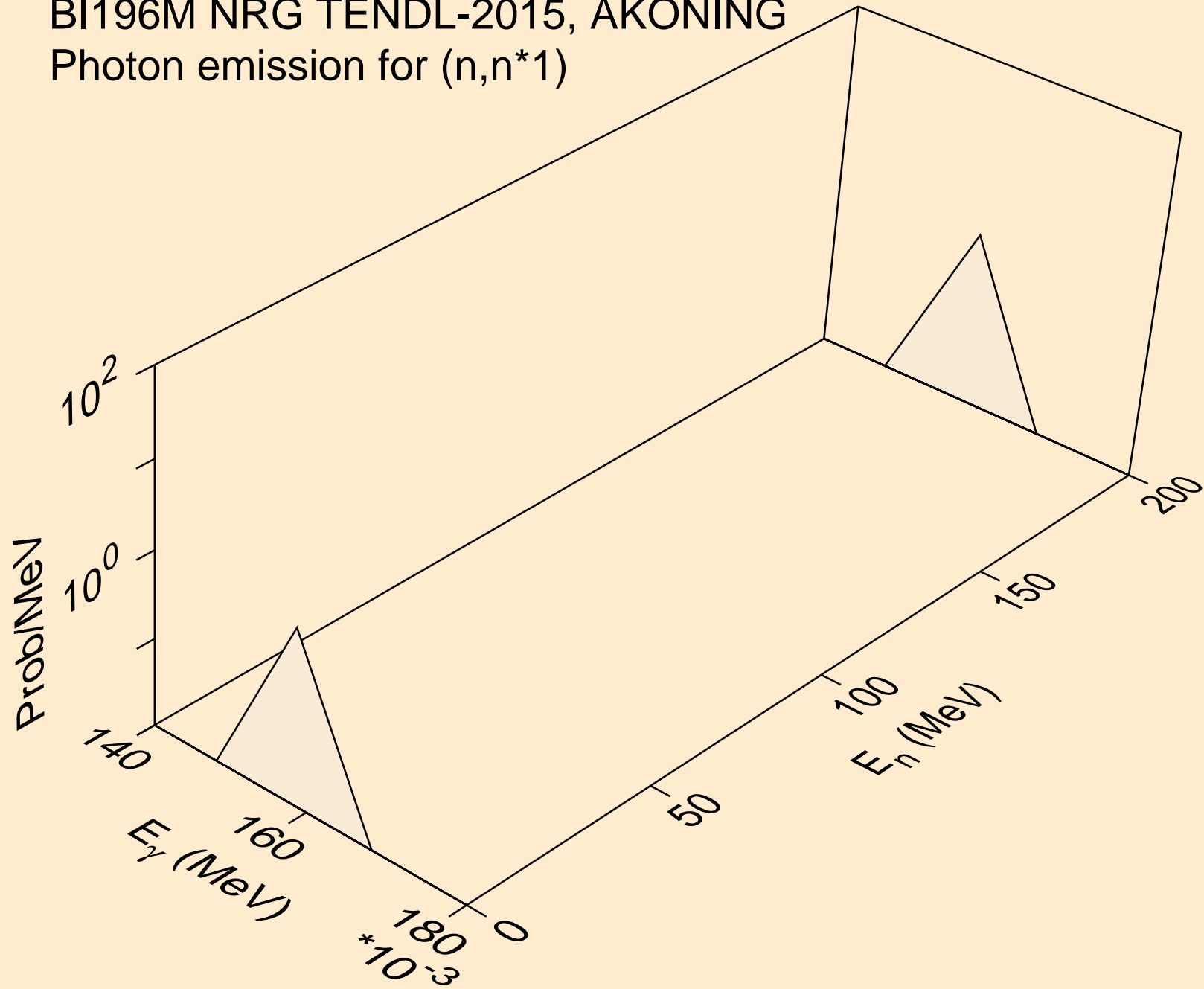
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

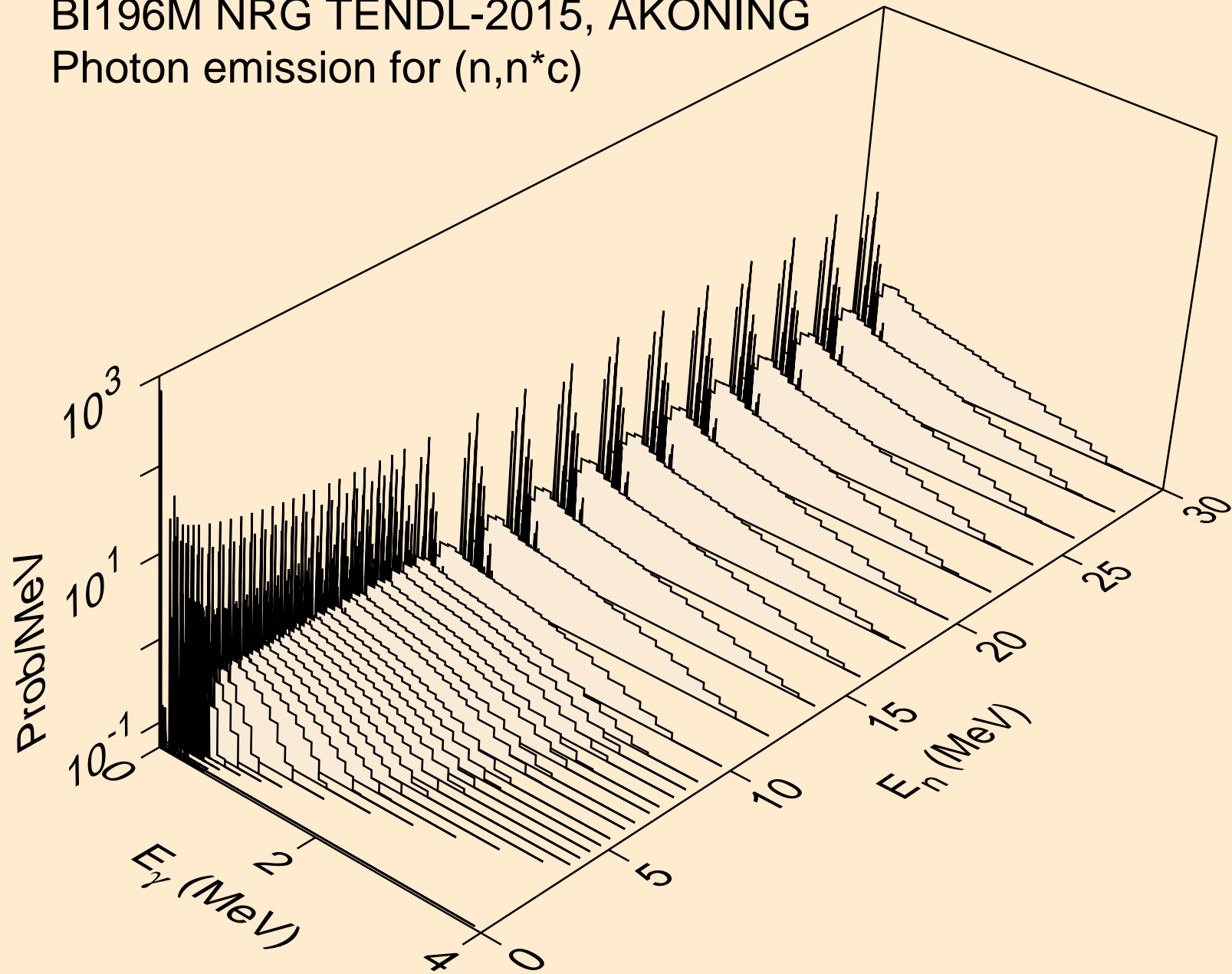


BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)

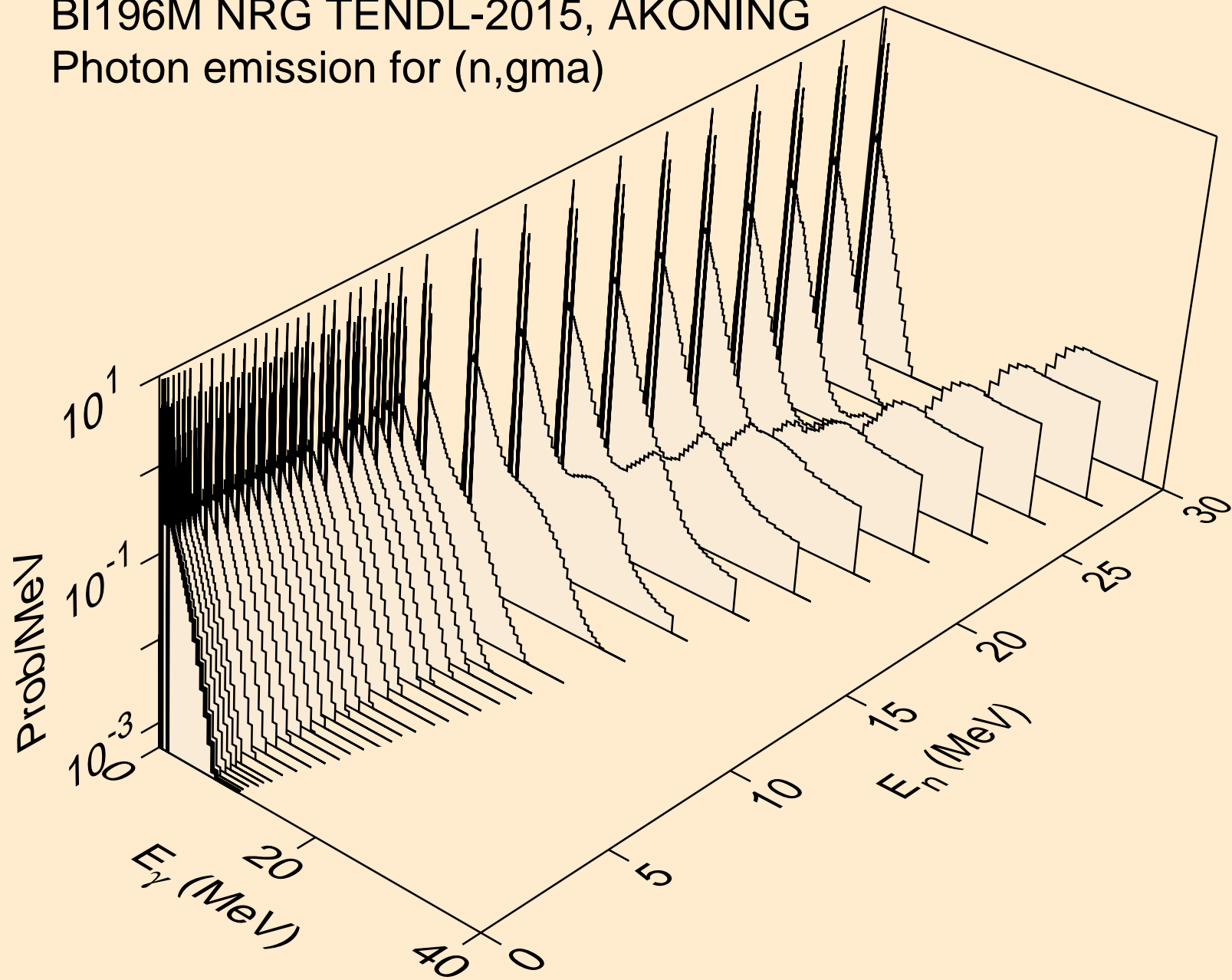




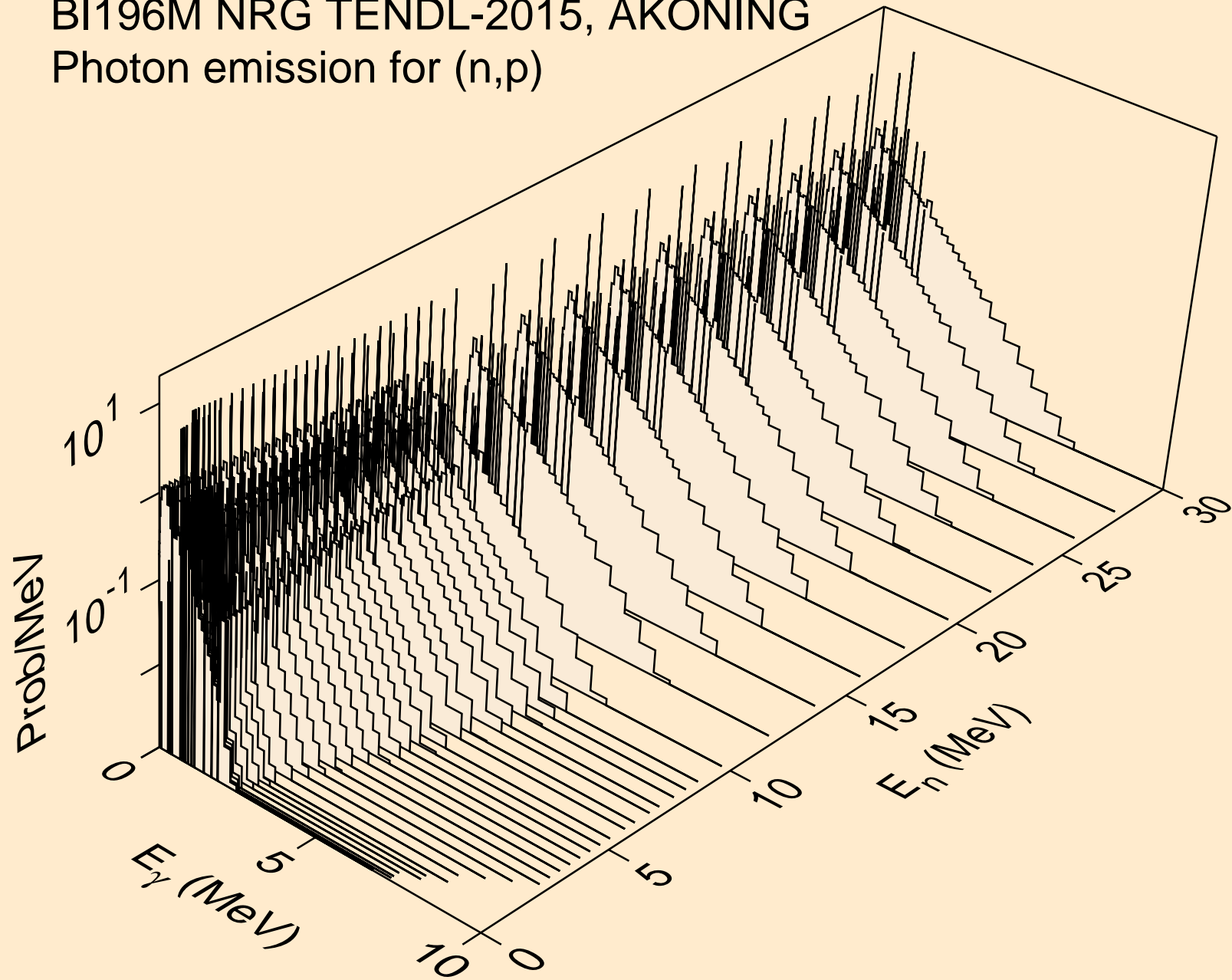
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



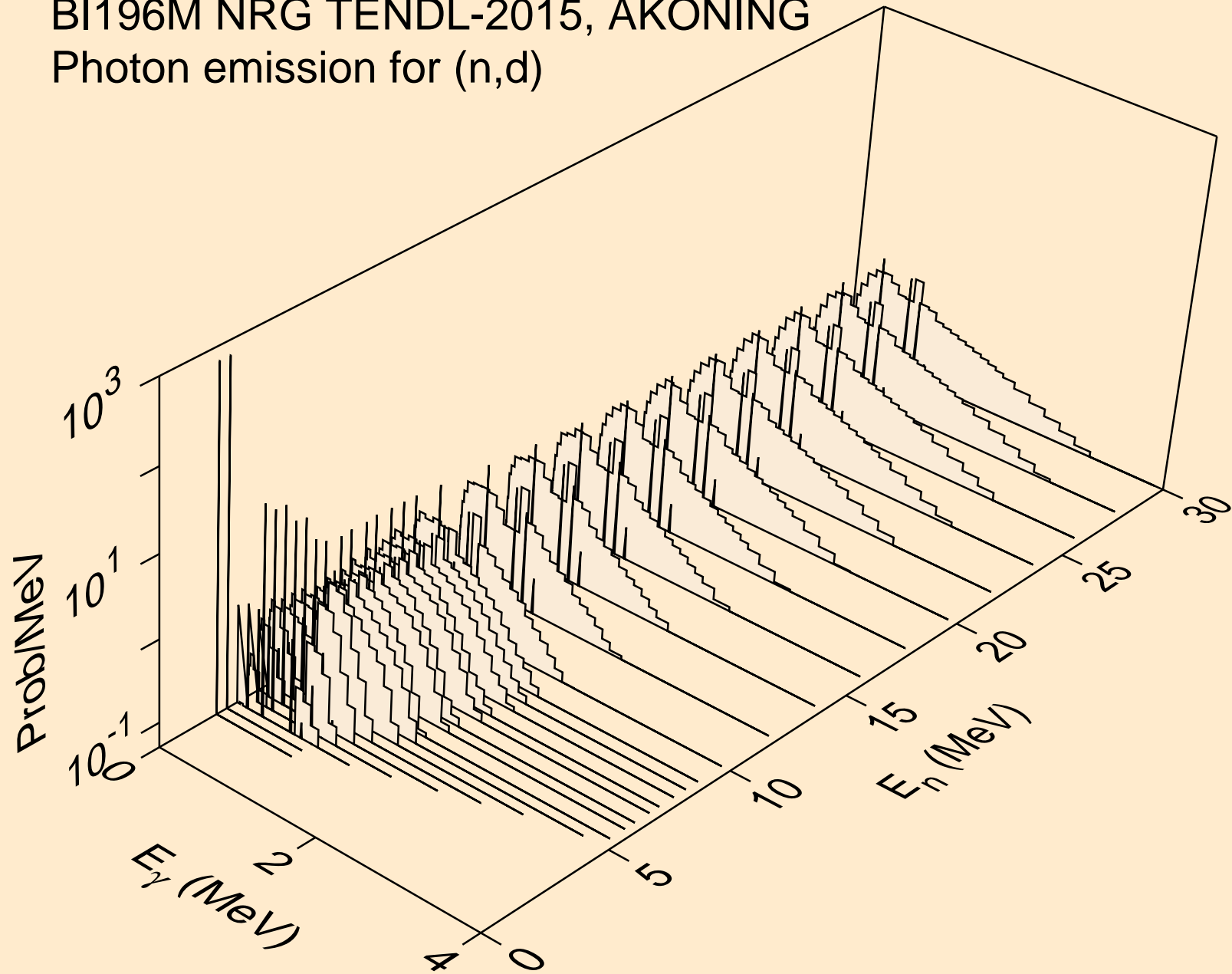
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



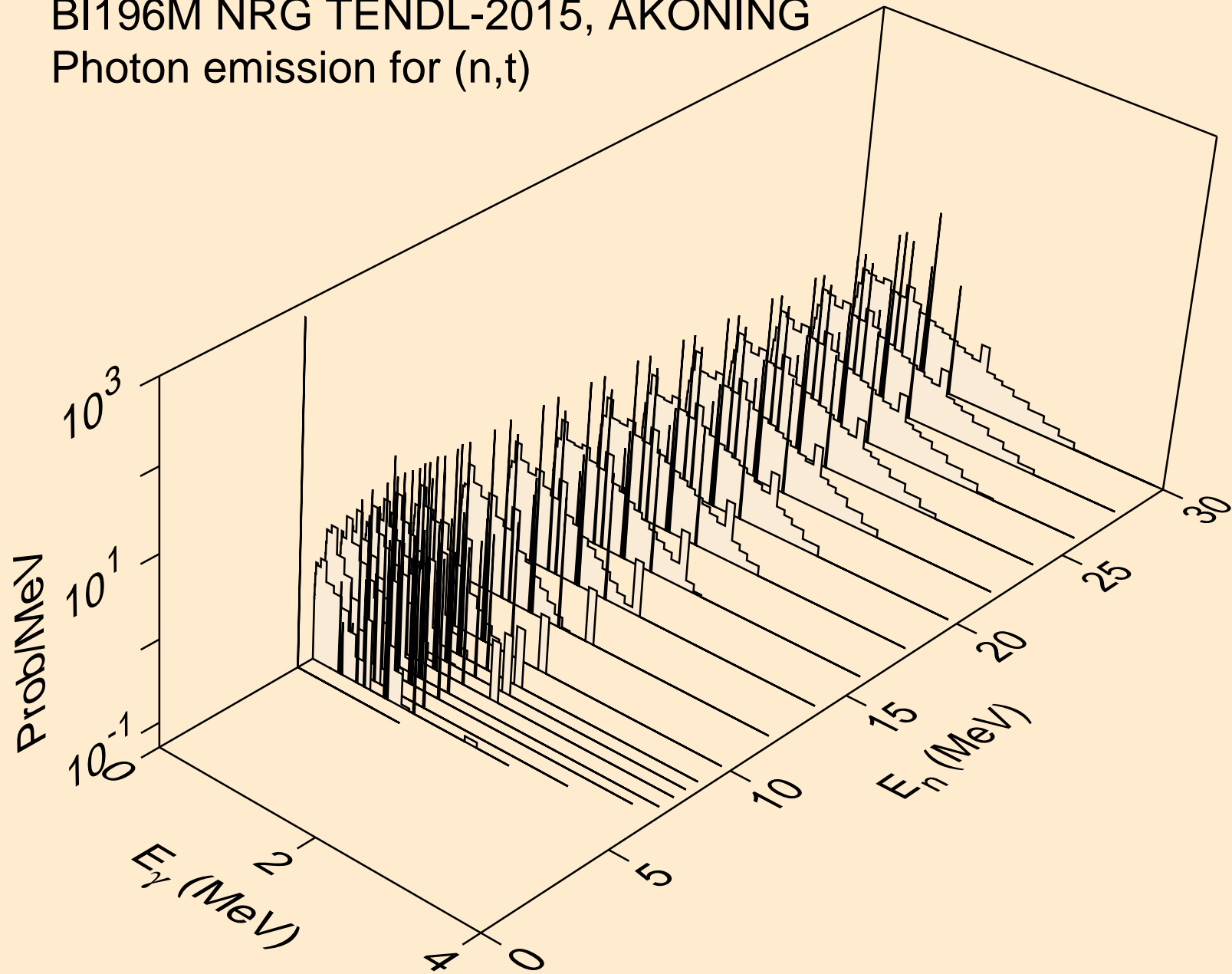
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



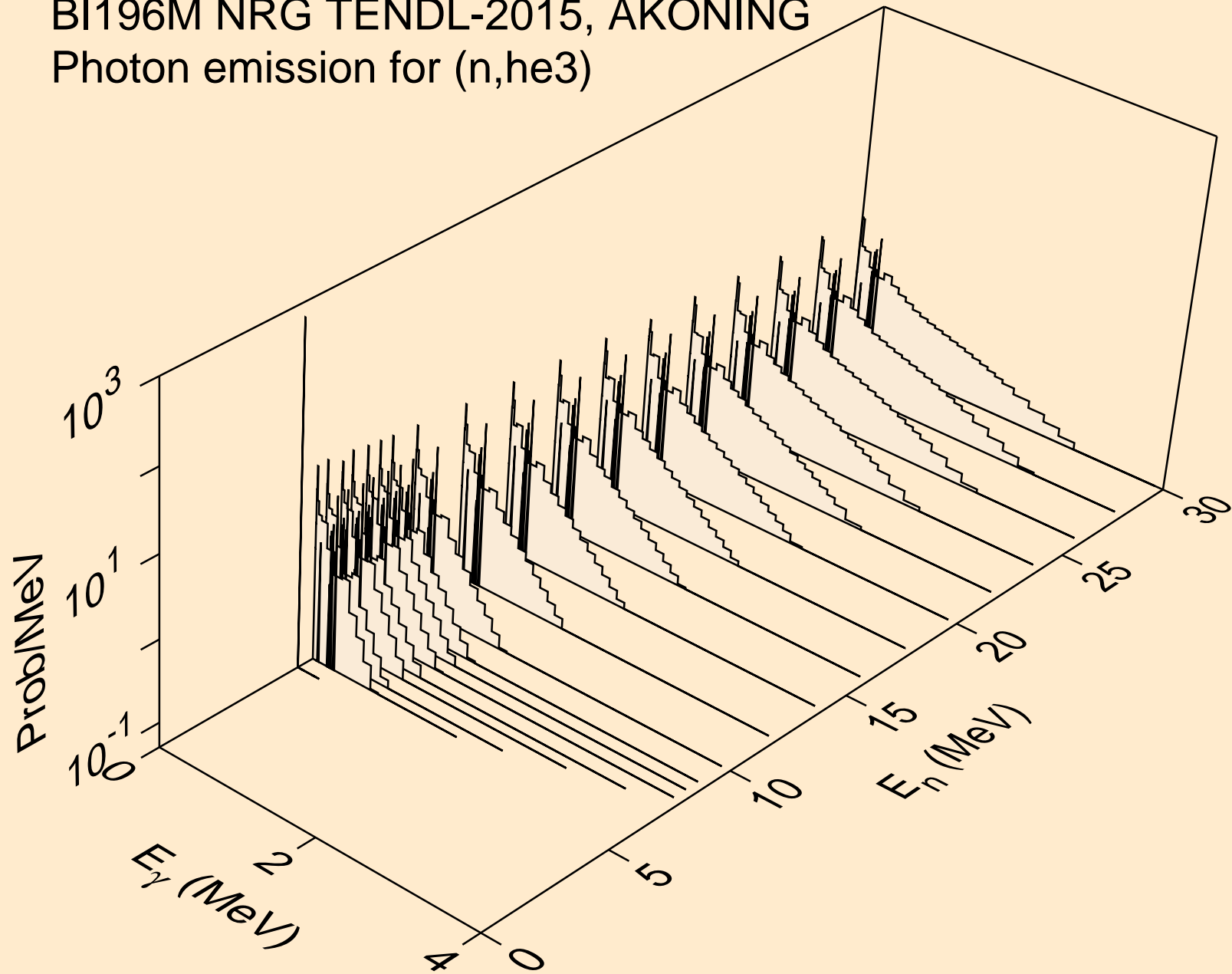
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



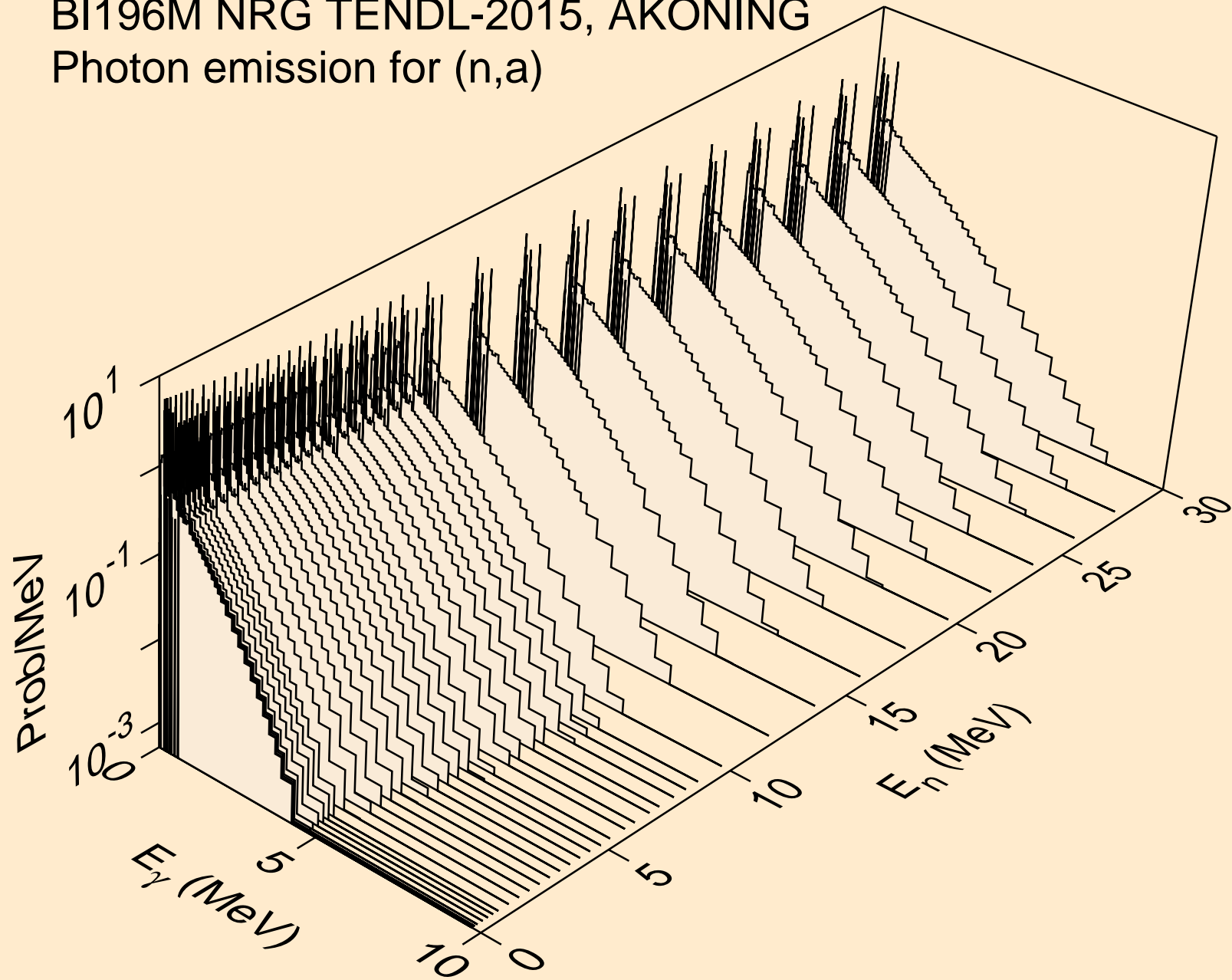
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,t)



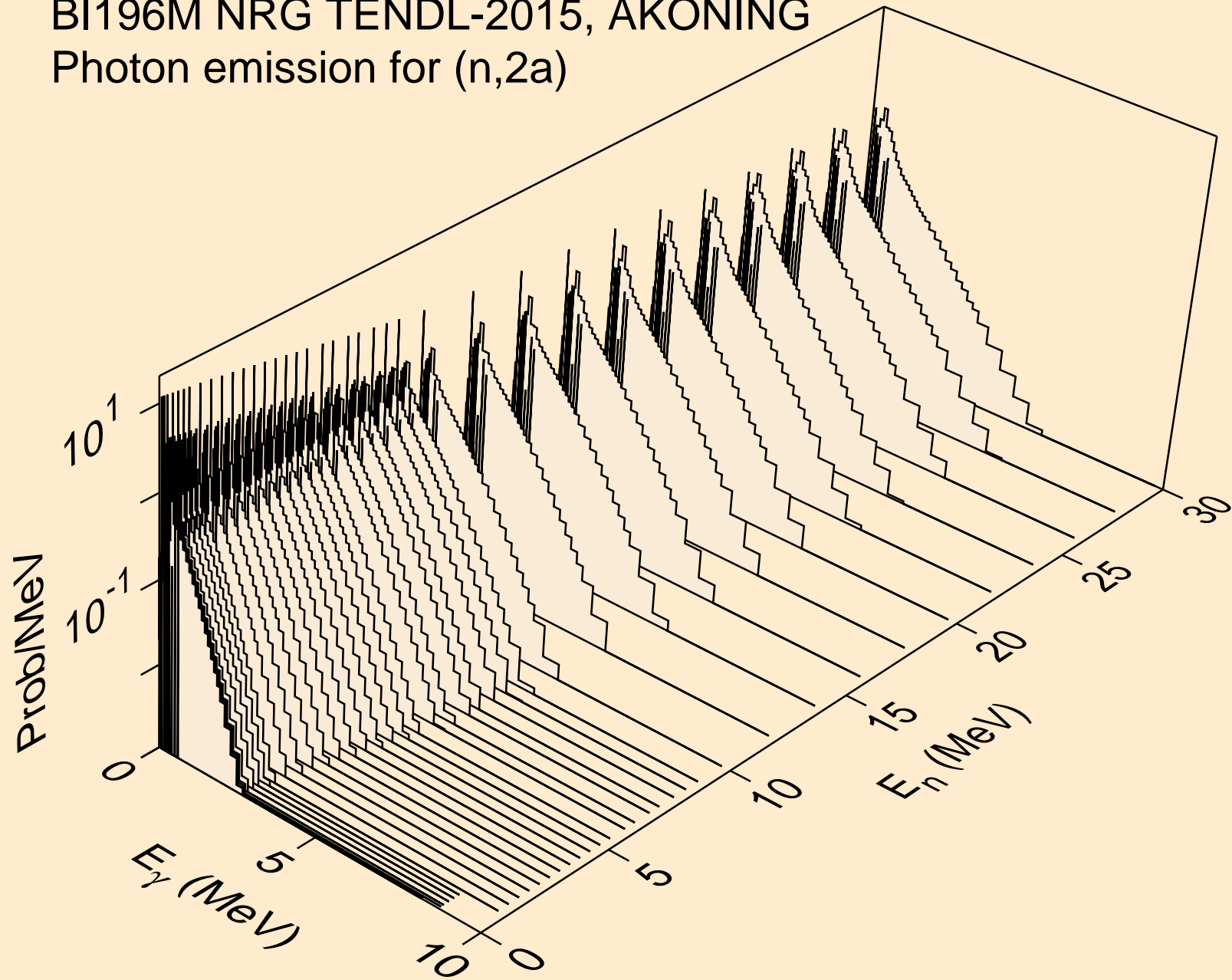
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,a)

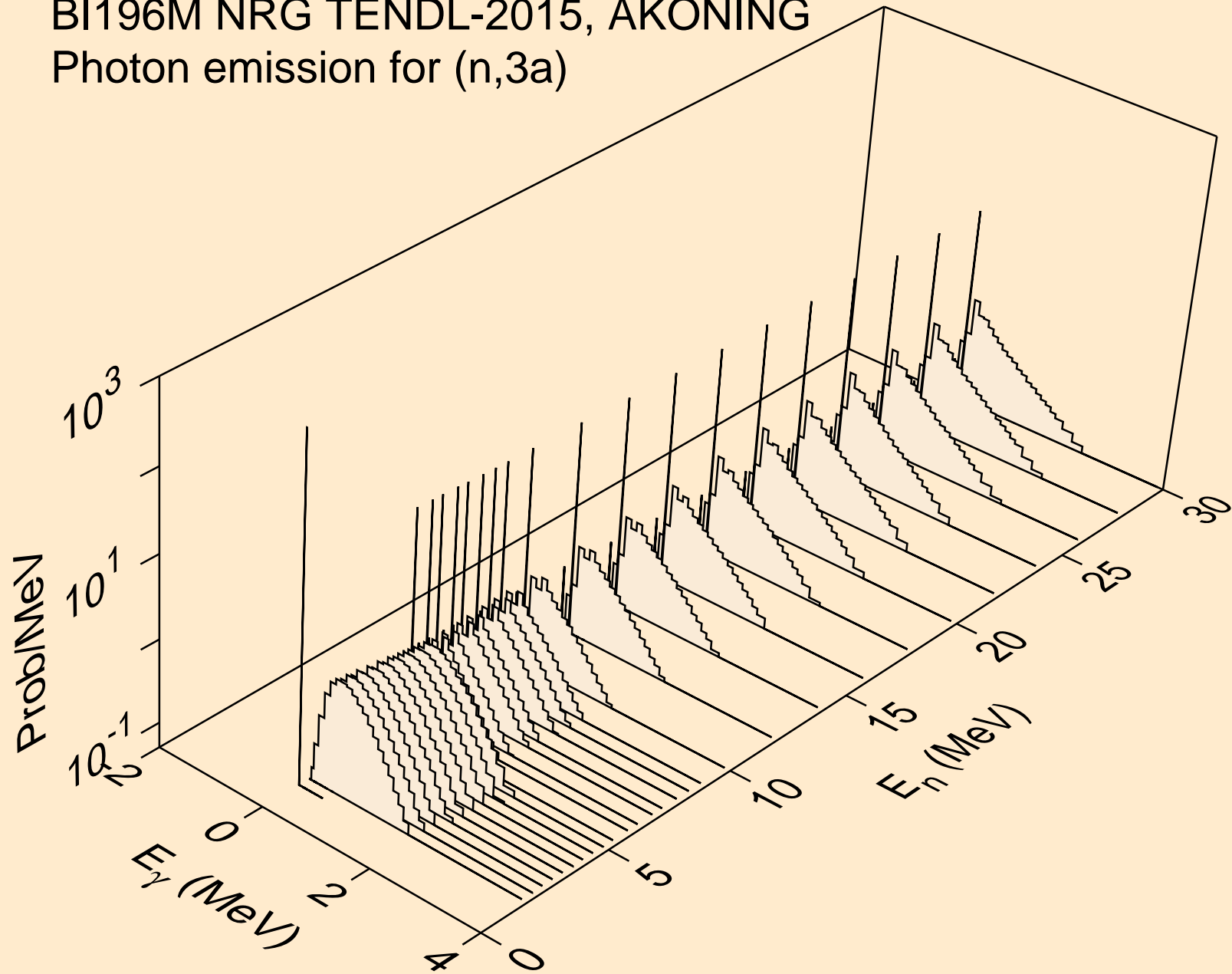


BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

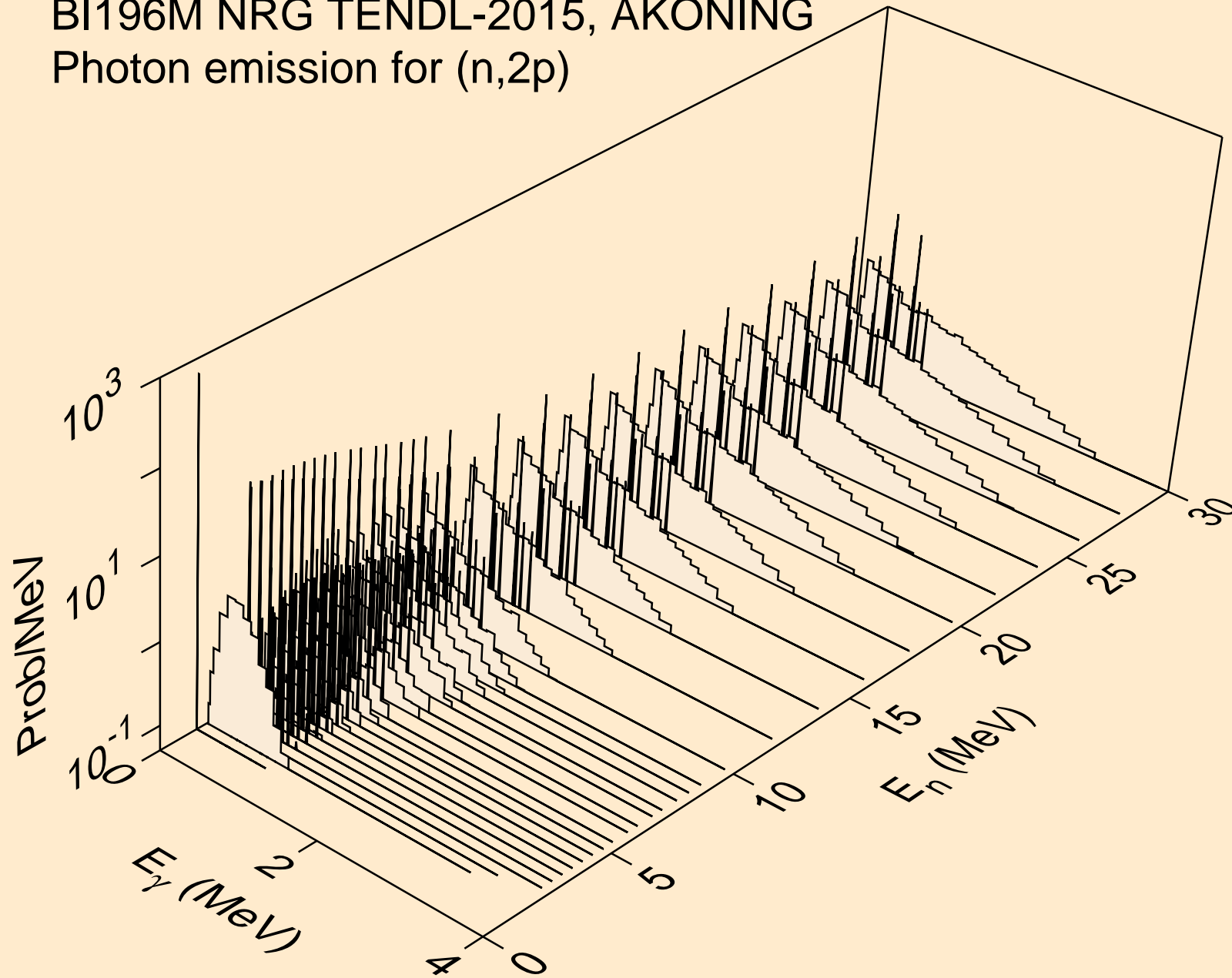




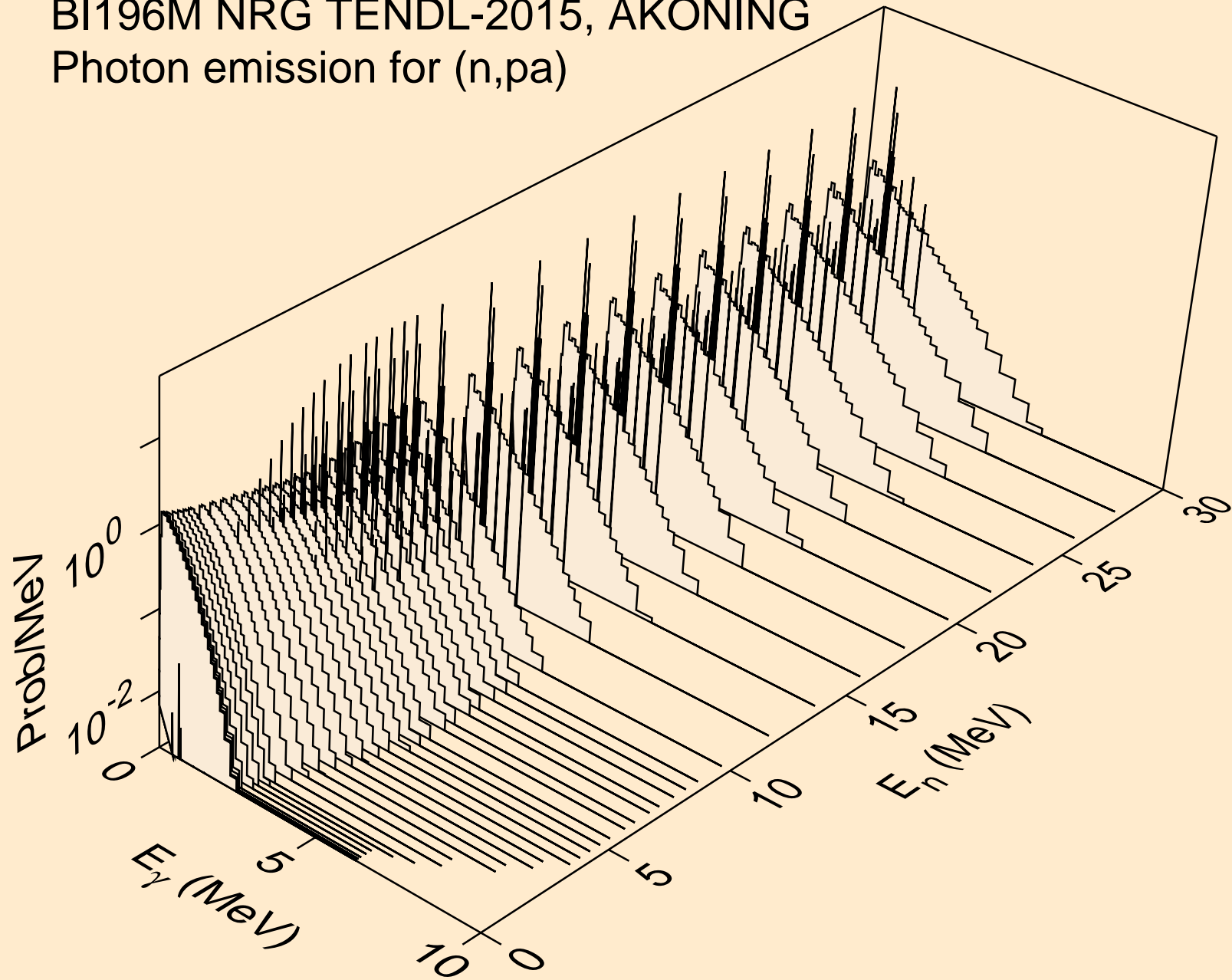
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



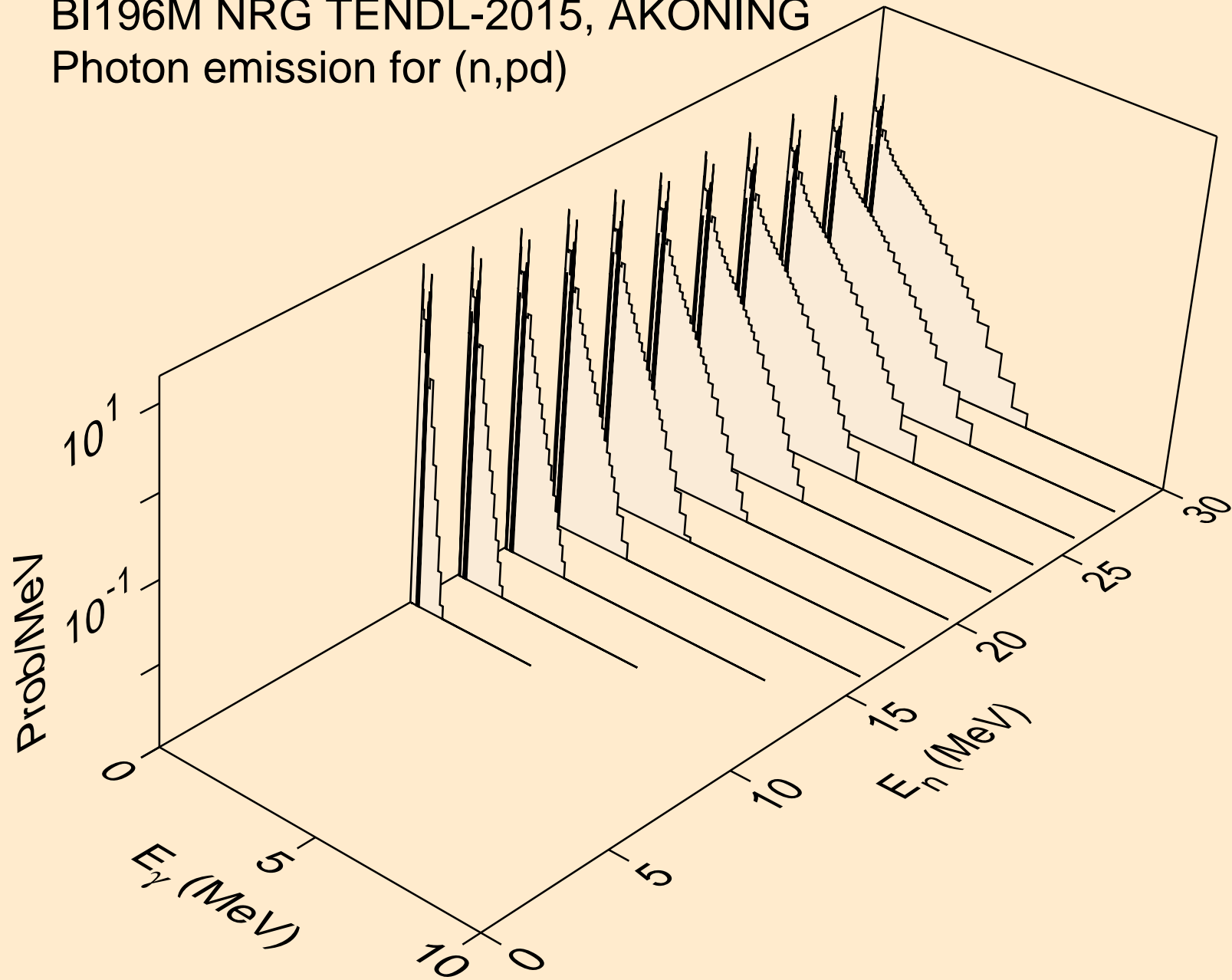
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Photon emission for (n,2p)



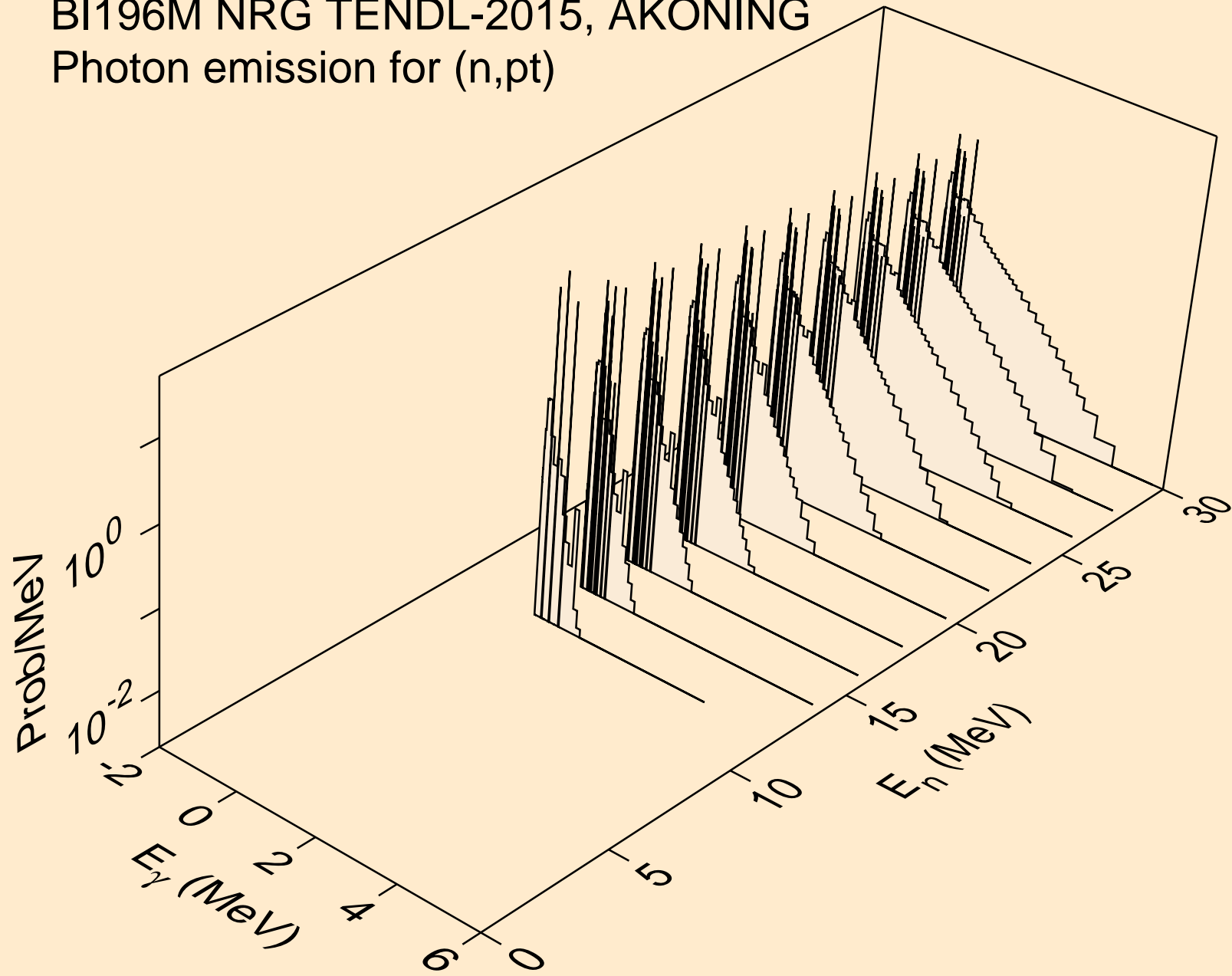
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



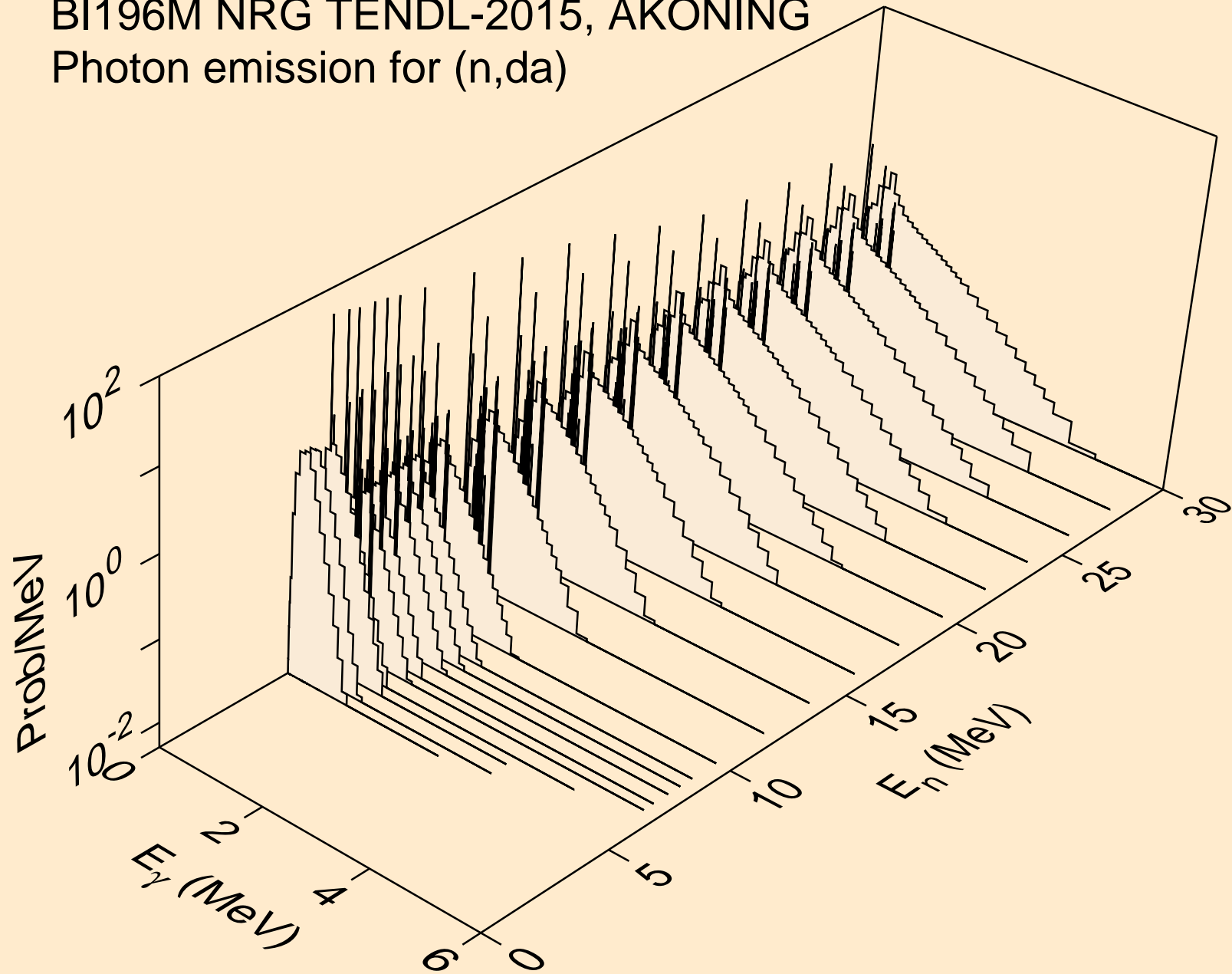
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



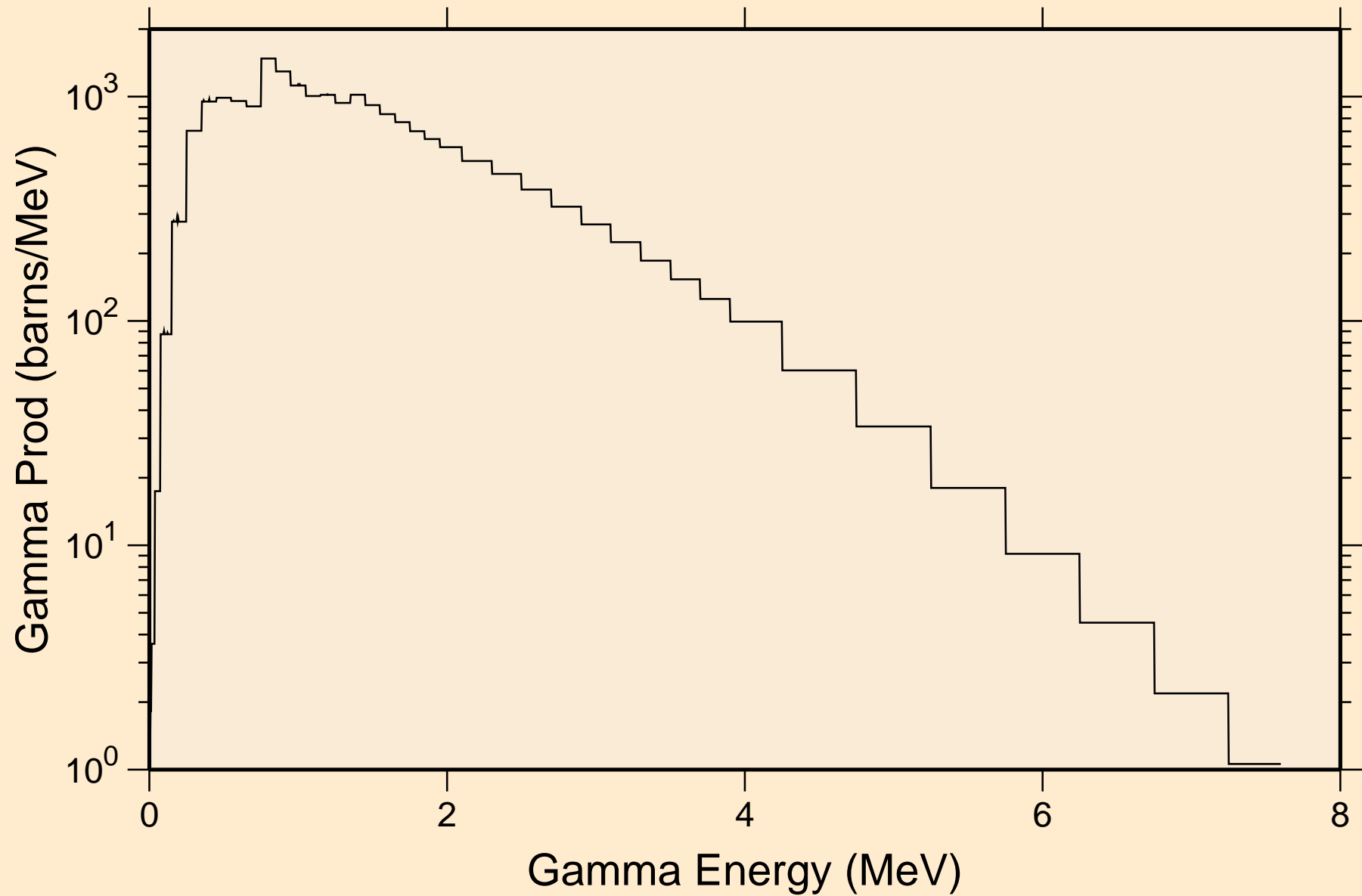
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



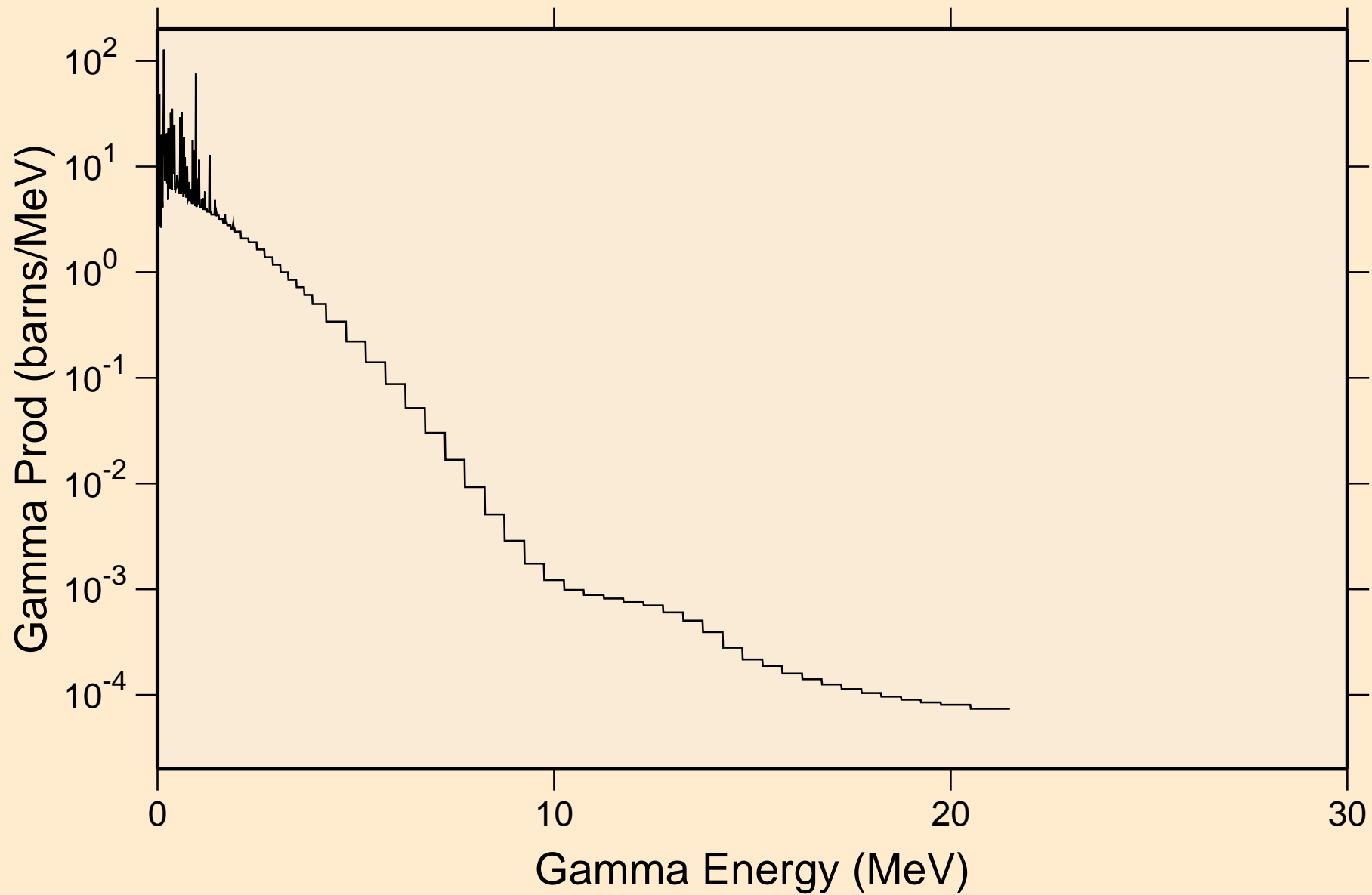
BI196M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BI196M NRG TENDL-2015, AKONING  
thermal capture photon spectrum



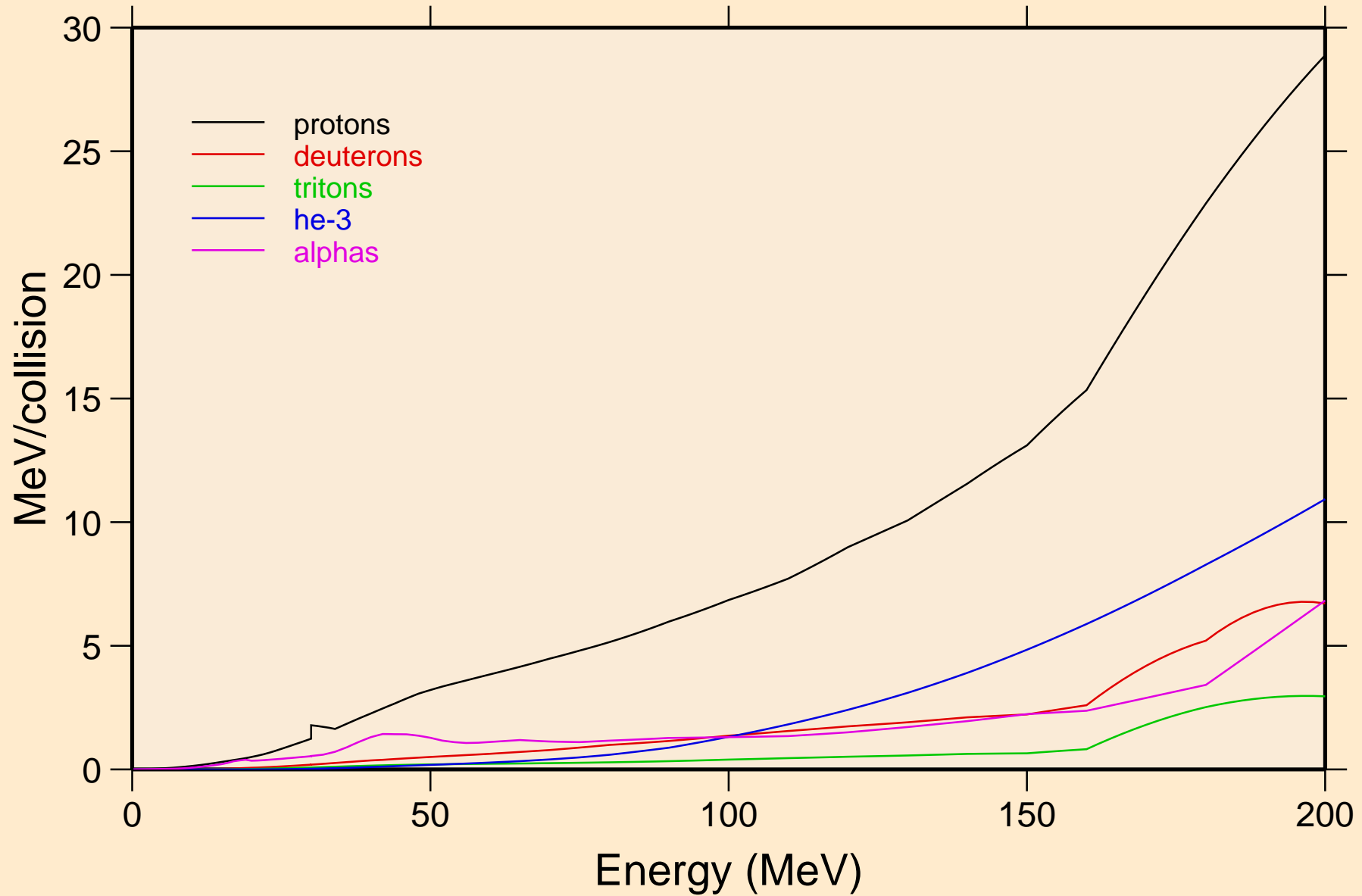
BI196M NRG TENDL-2015, AKONING  
14 MeV photon spectrum





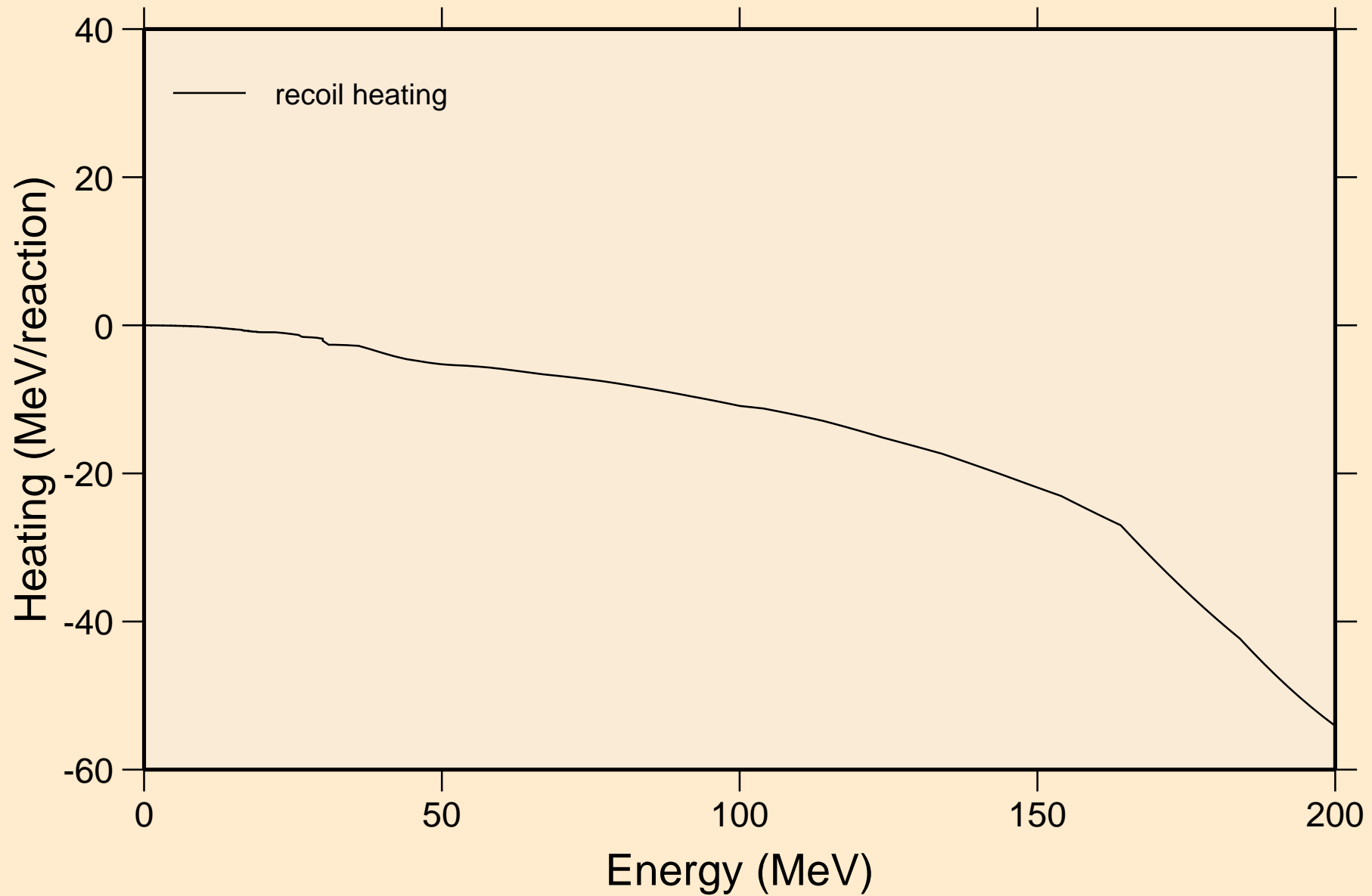
# BI196M NRG TENDL-2015, AKONING

## Particle heating contributions



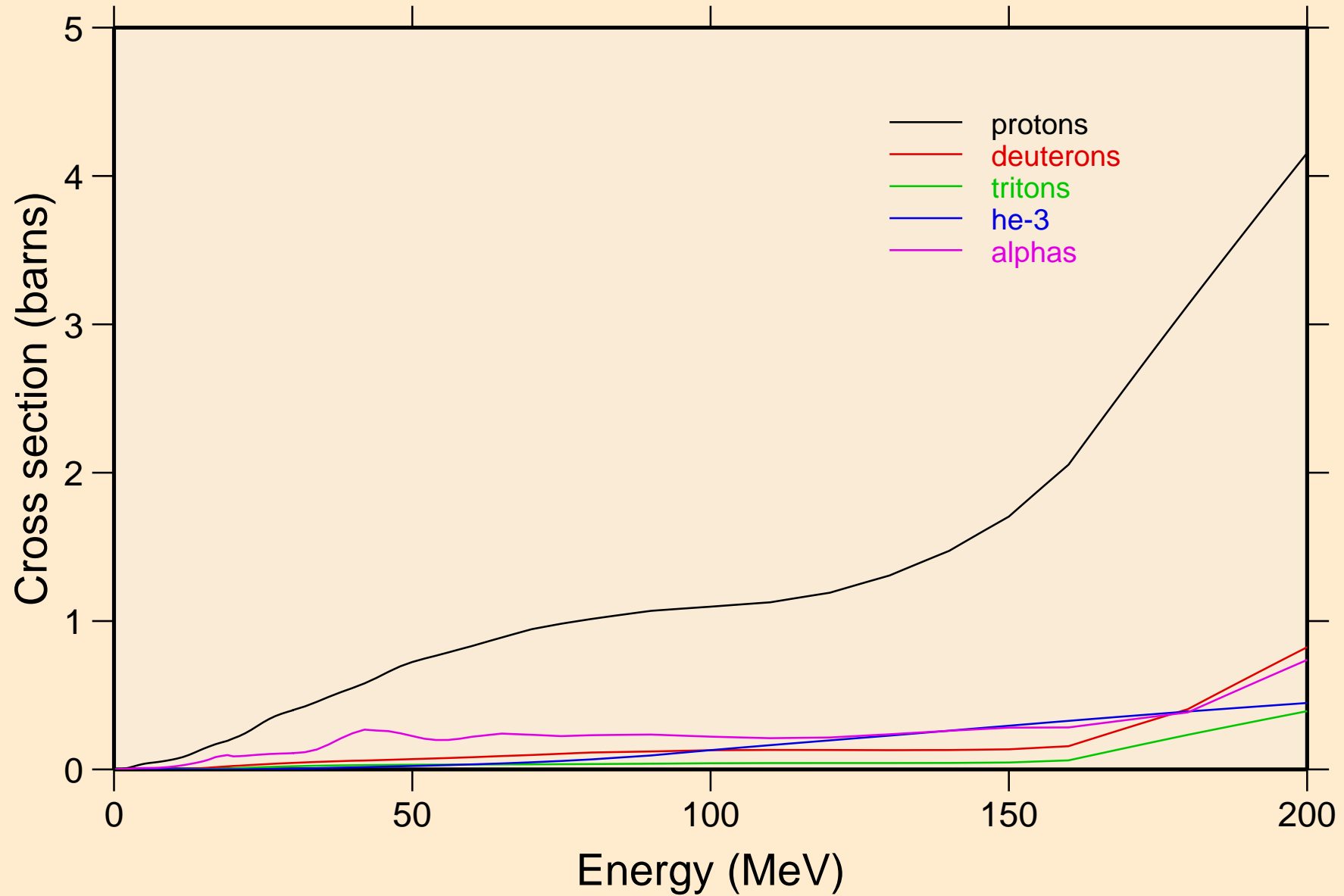
# BI196M NRG TENDL-2015, AKONING

## Recoil Heating

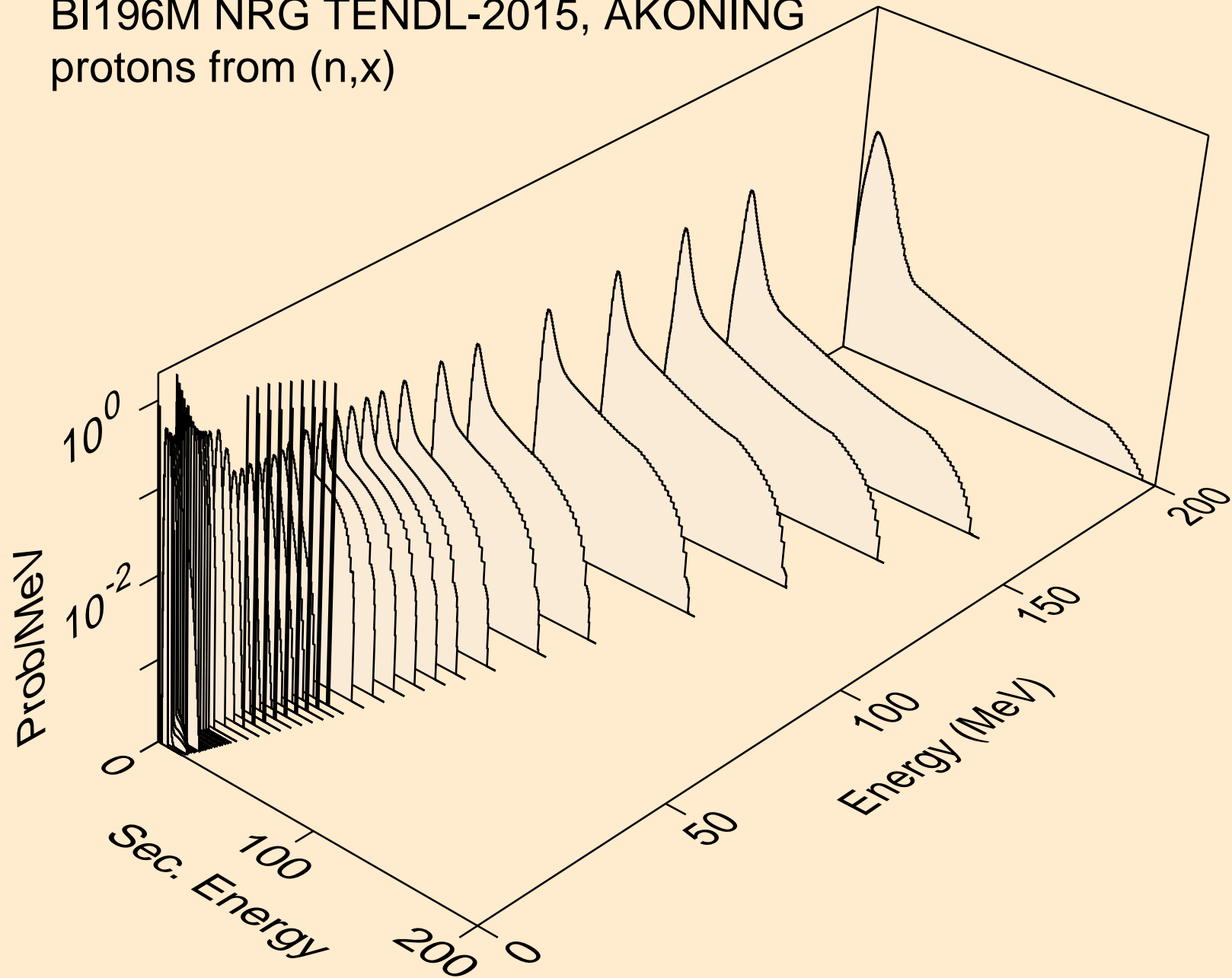


# BI196M NRG TENDL-2015, AKONING

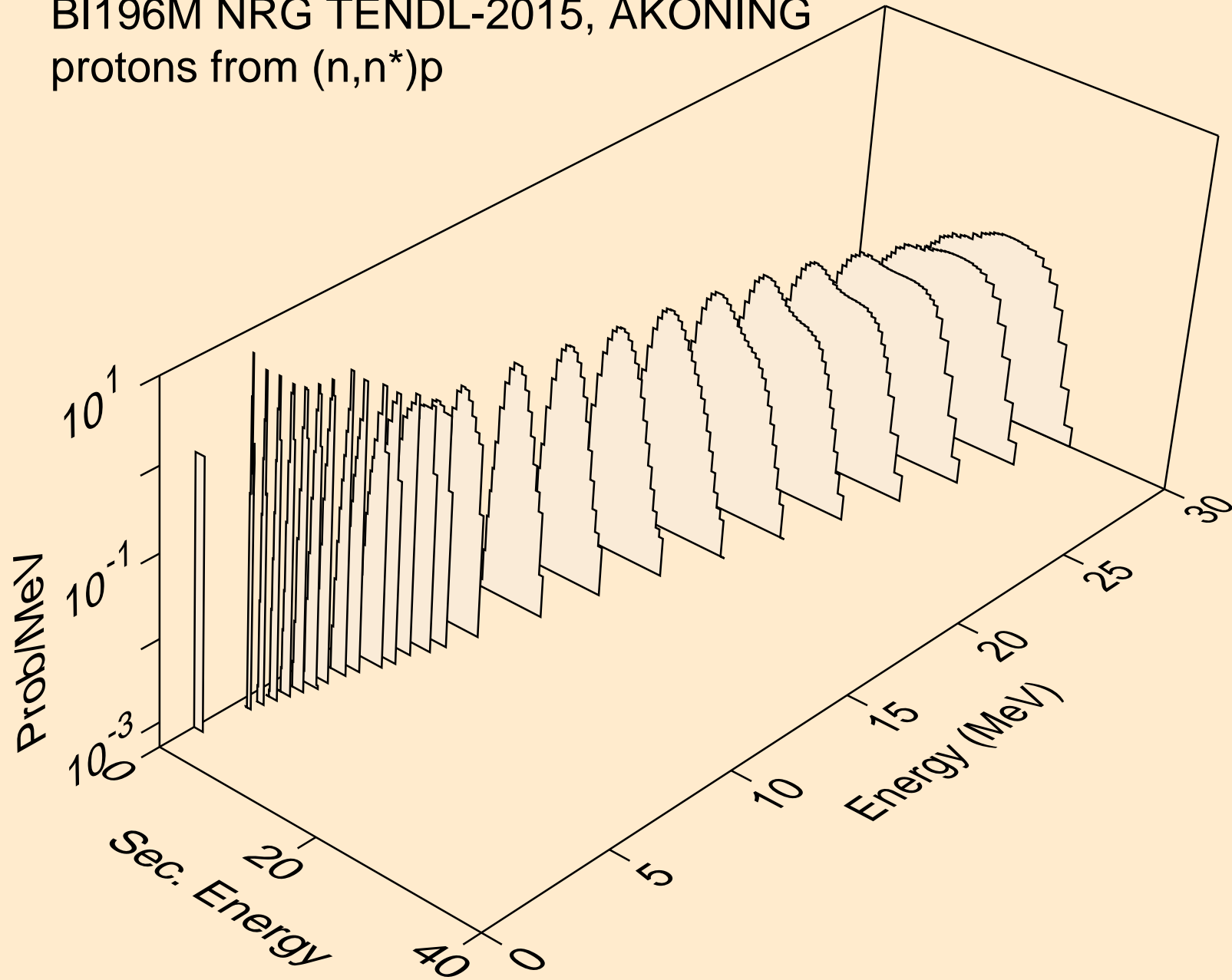
## Particle production cross sections



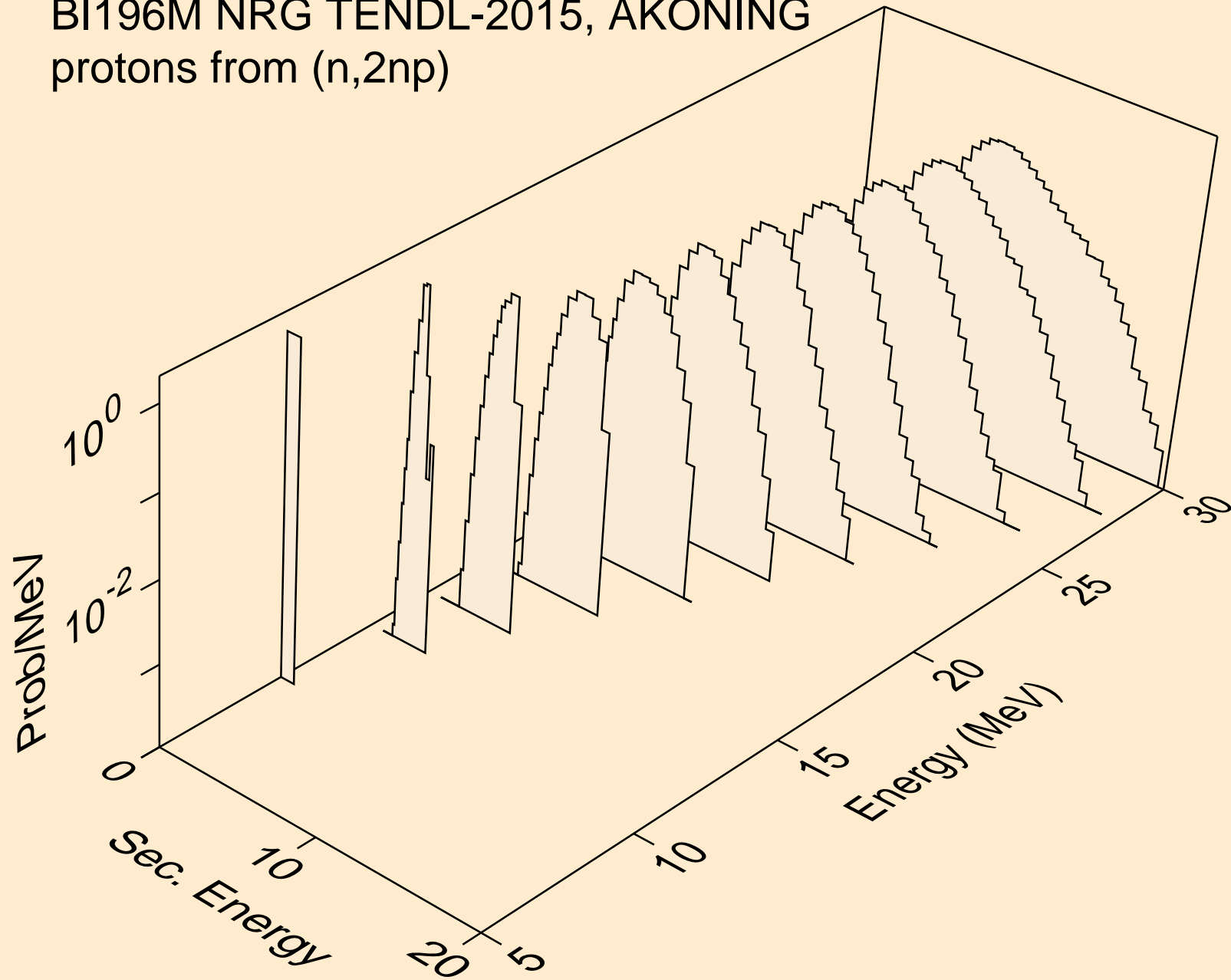
BI196M NRG TENDL-2015, AKONING  
protons from (n,x)



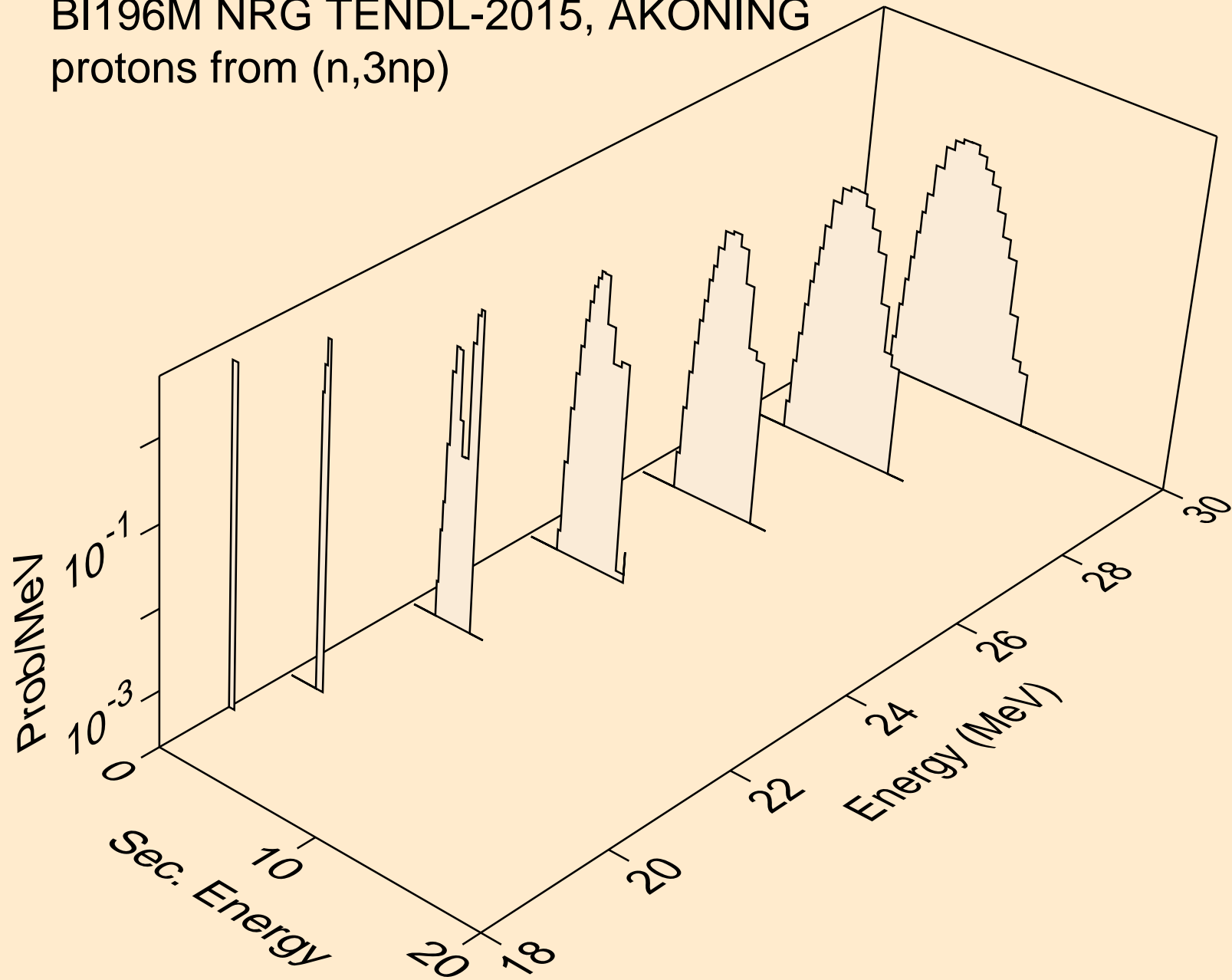
BI196M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



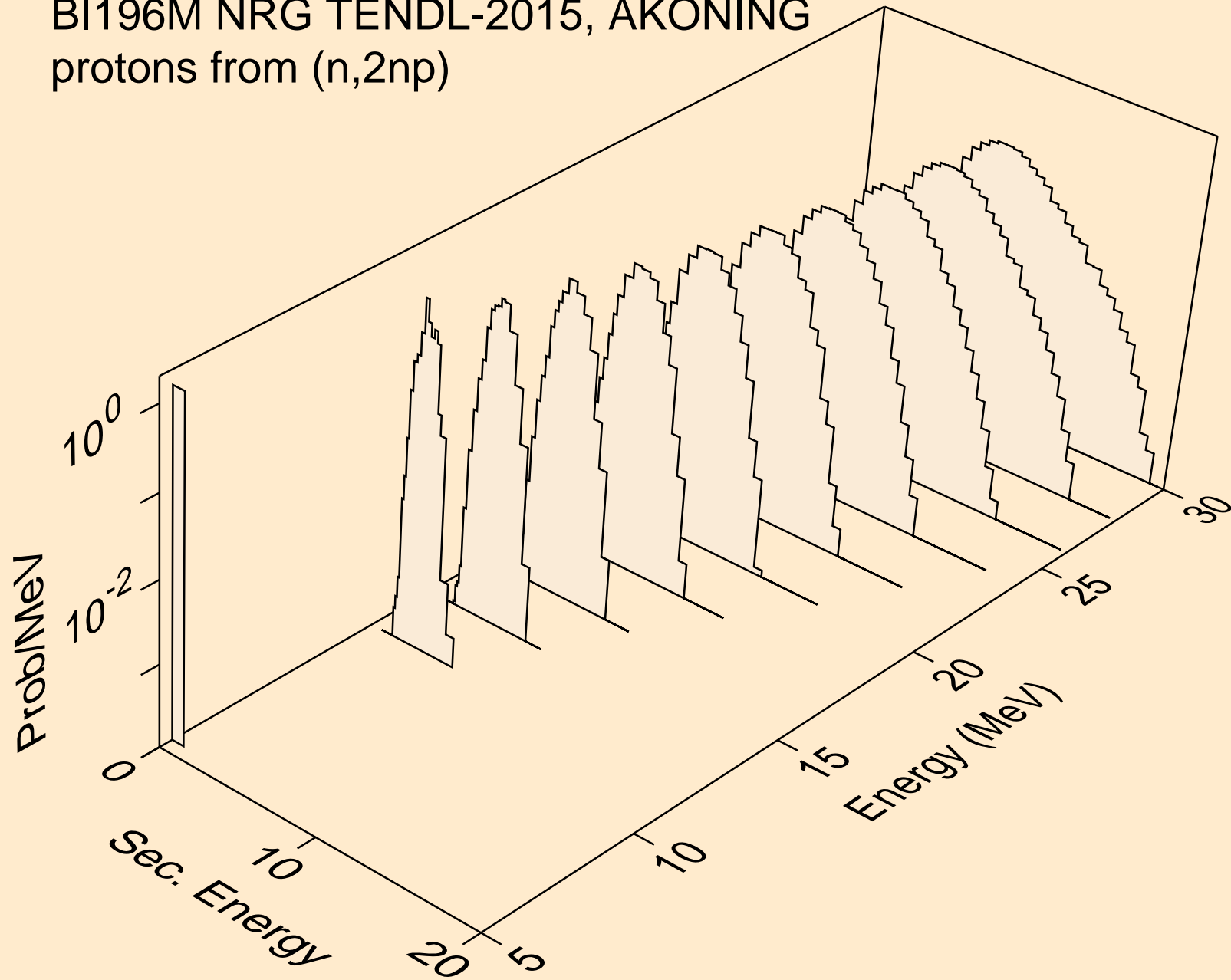
BI196M NRG TENDL-2015, AKONING  
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BI196M NRG TENDL-2015, AKONING  
protons from (n,3np)

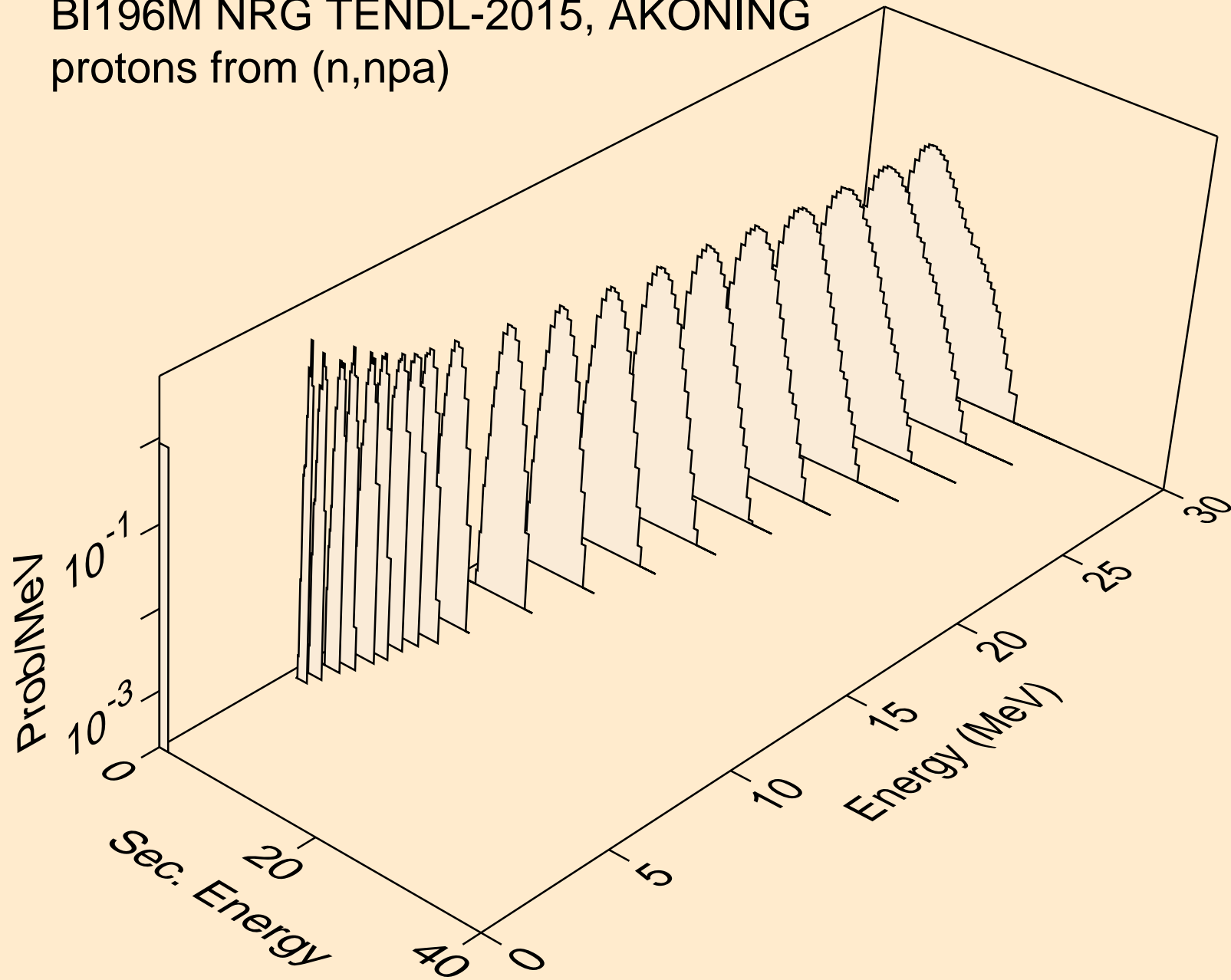


BI196M NRG TENDL-2015, AKONING  
protons from (n,2np)

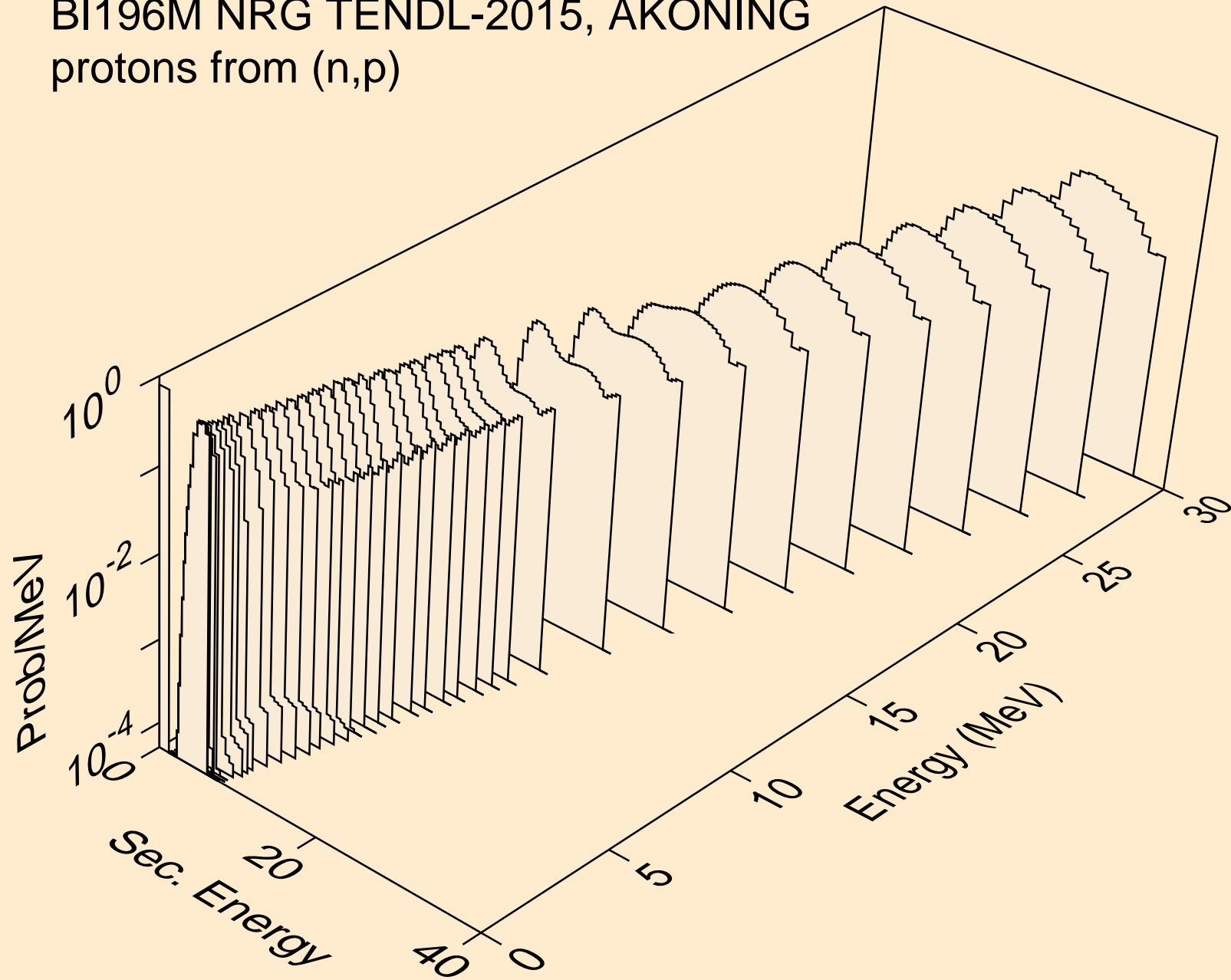




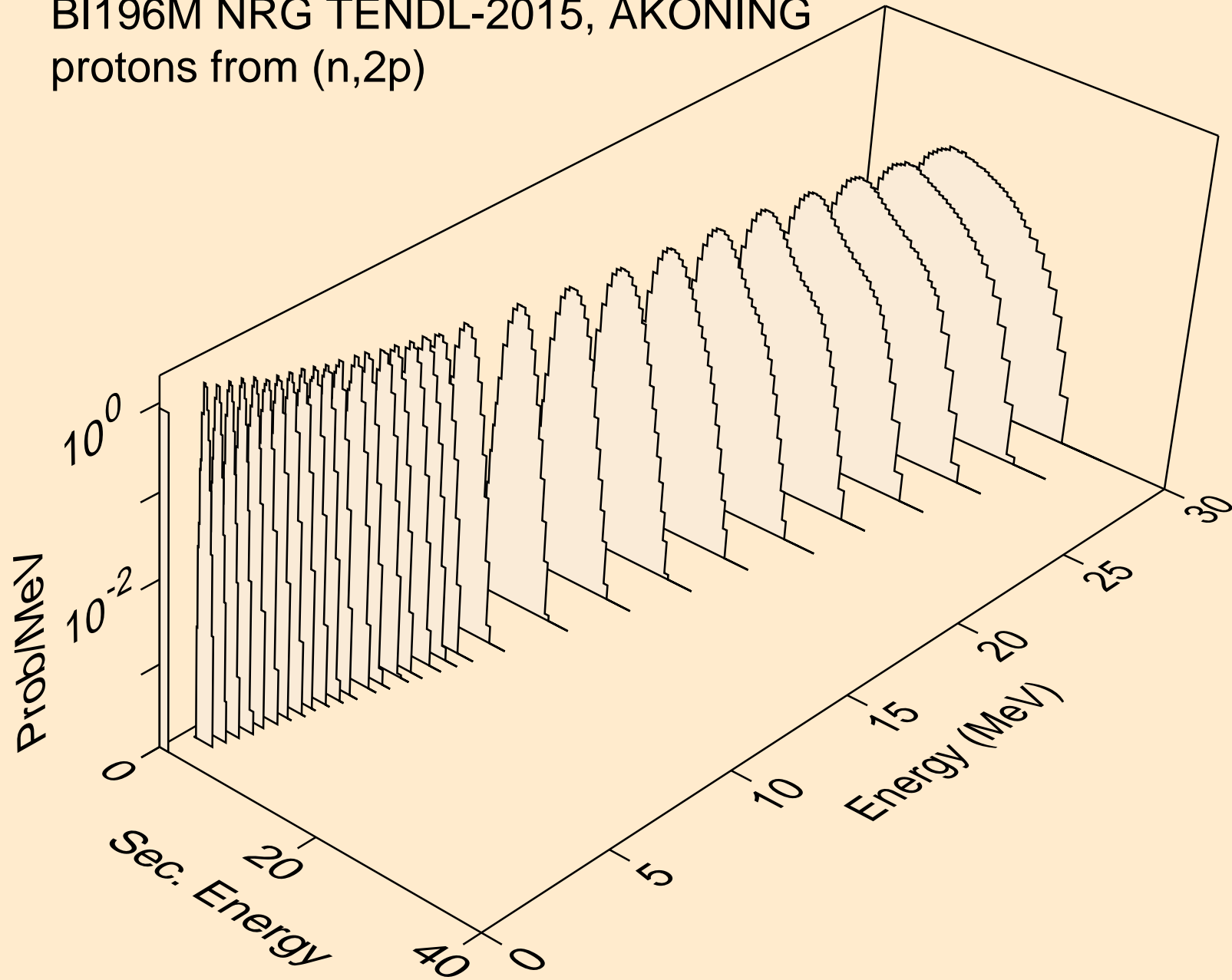
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protons from (n,npa)



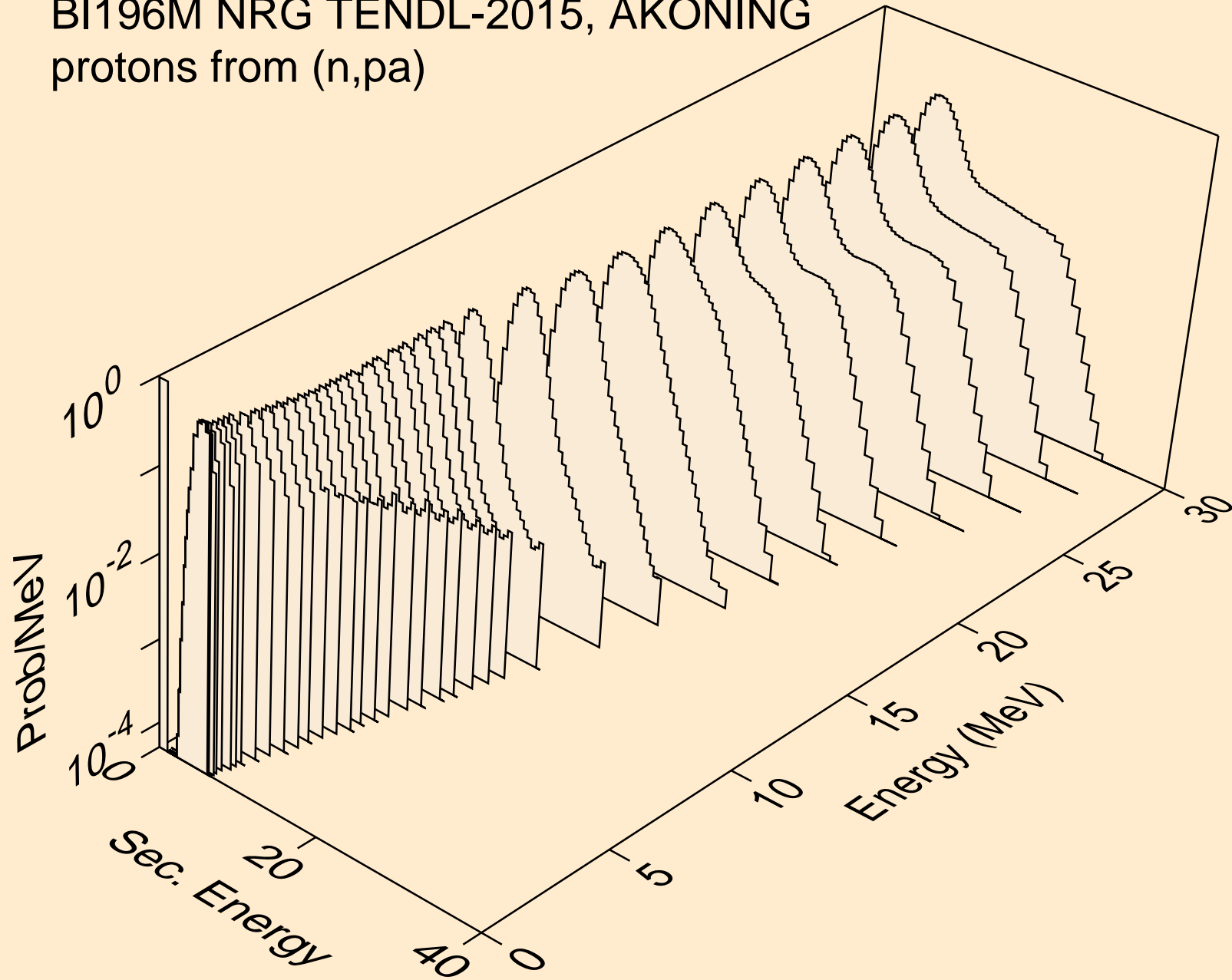
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protons from (n,p)



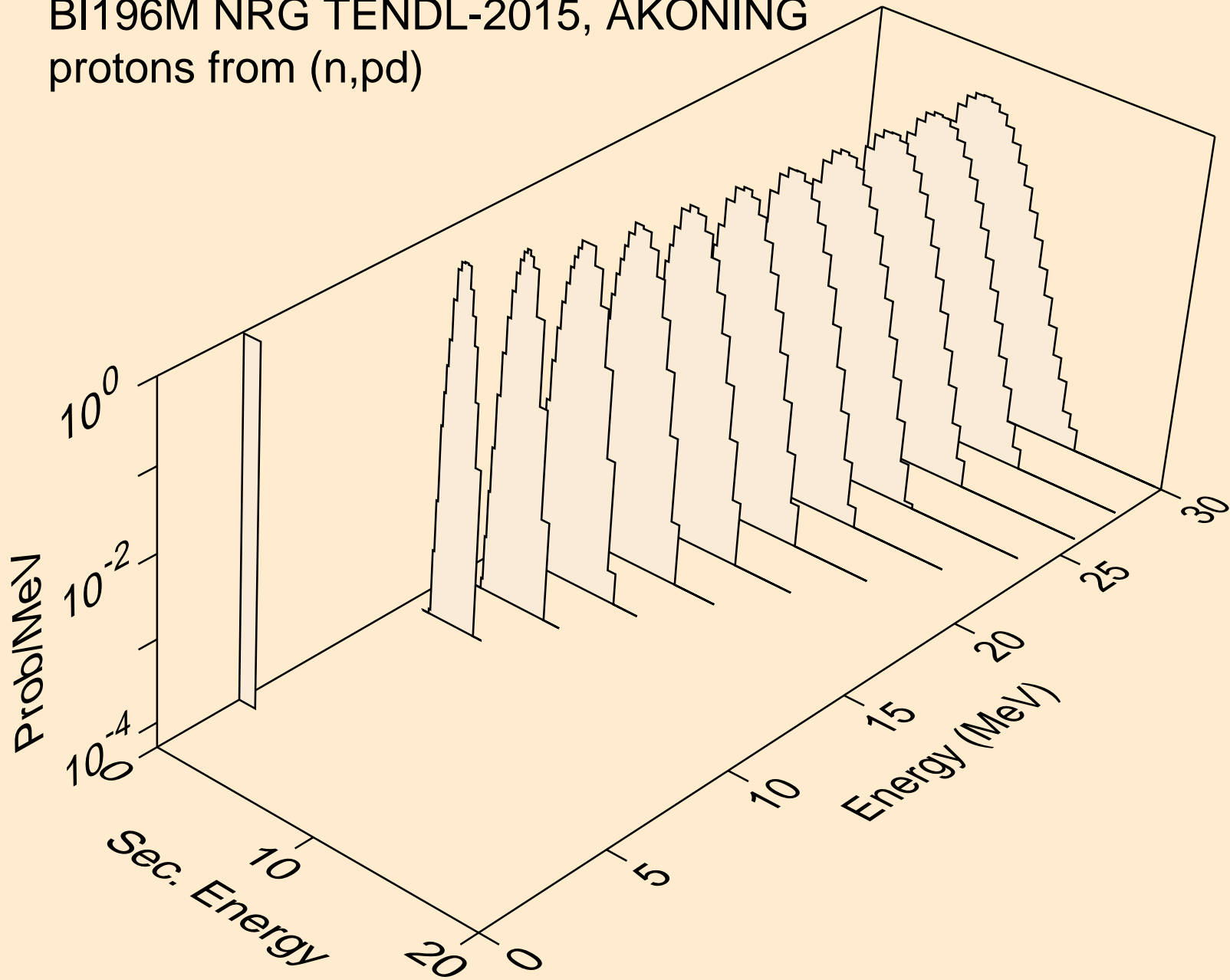
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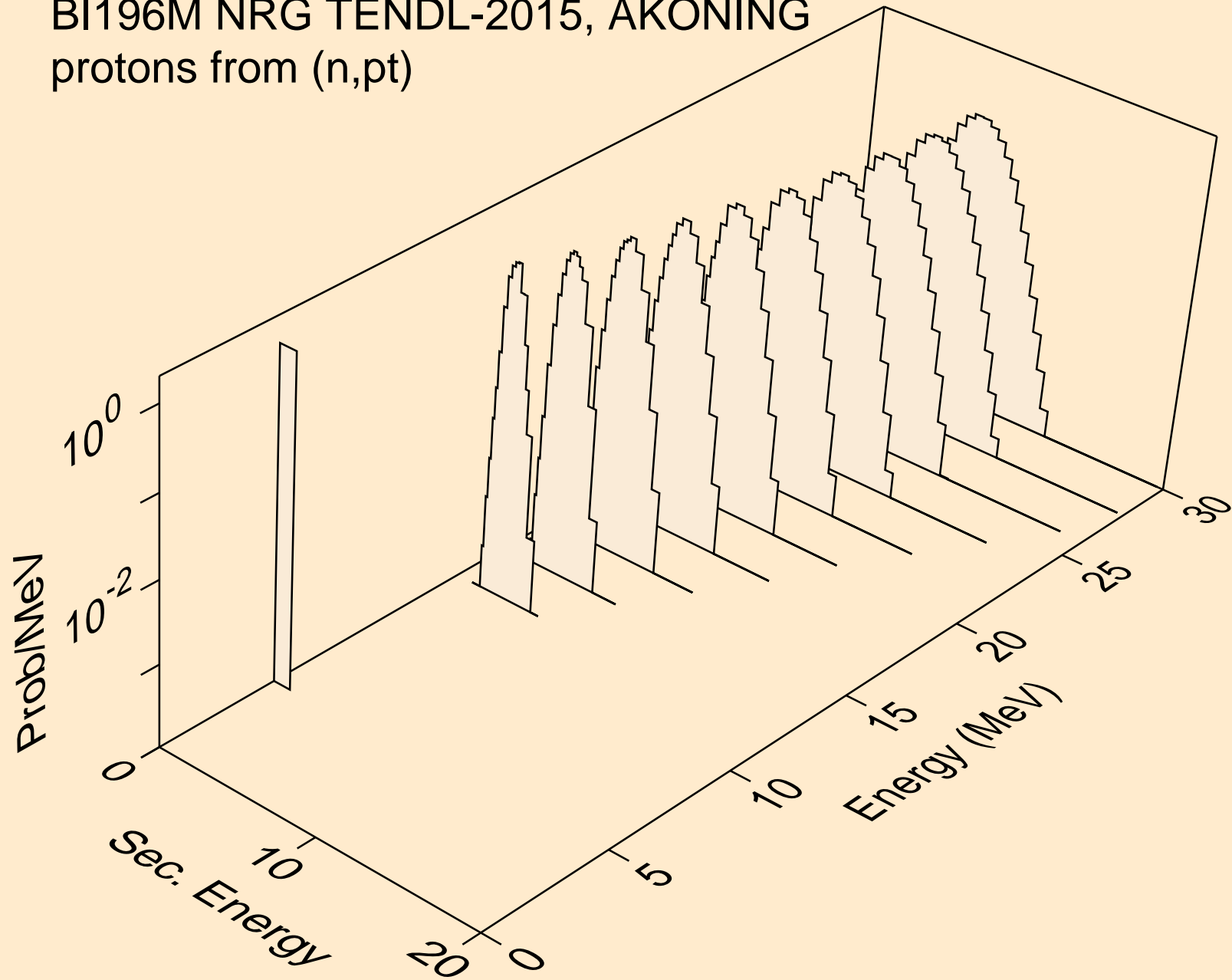
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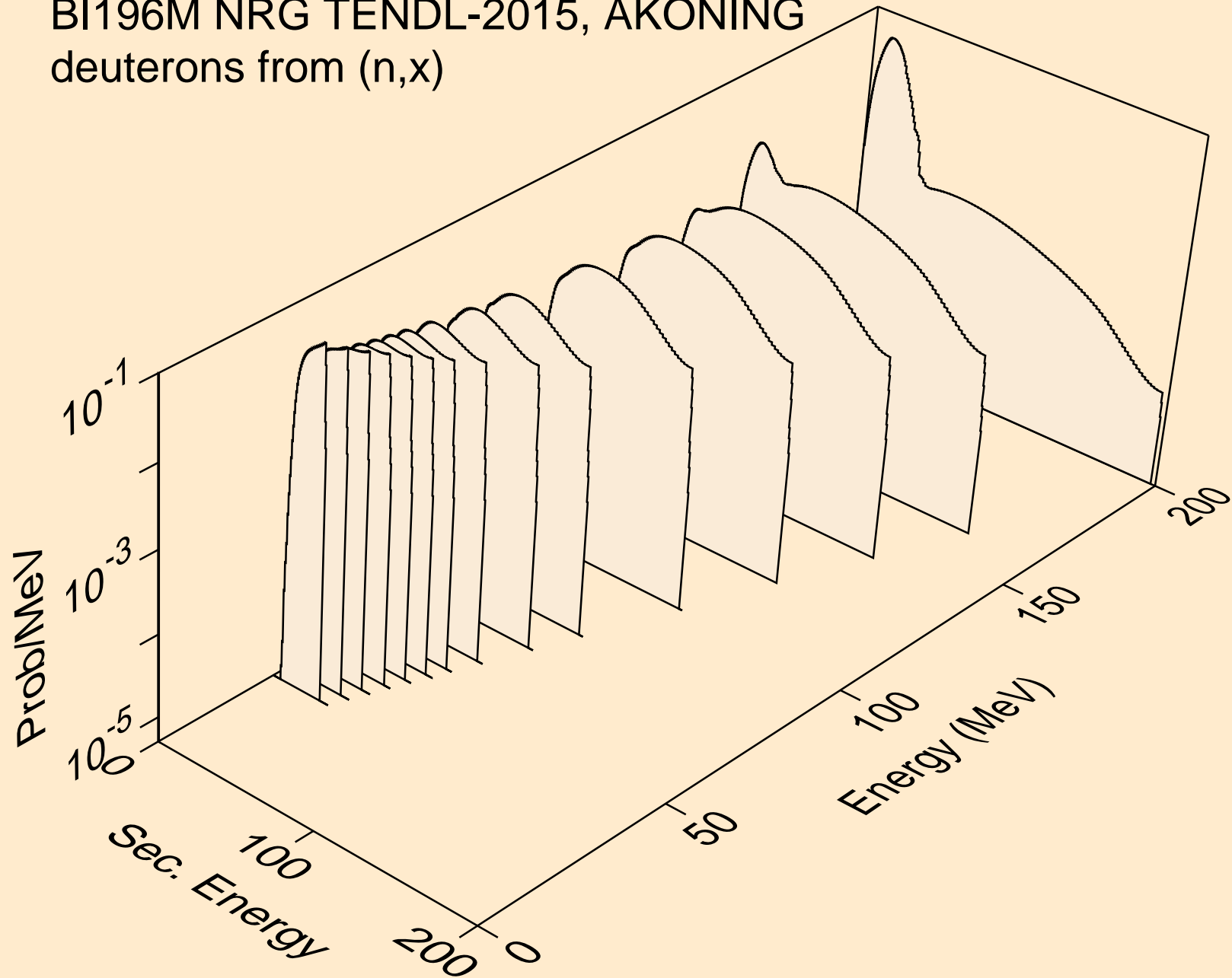
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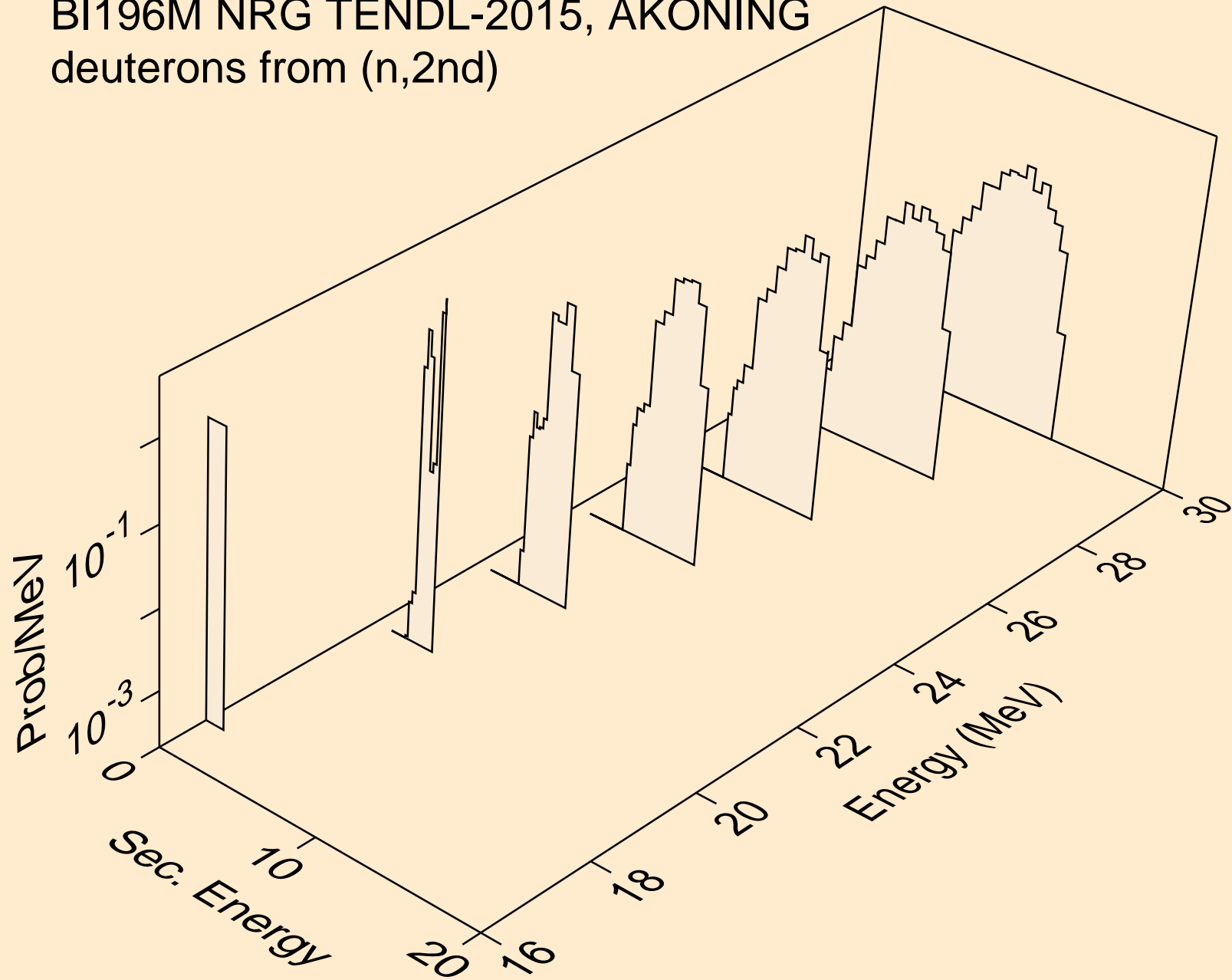
BI196M NRG TENDL-2015, AKONING  
protons from (n,pt)



BI196M NRG TENDL-2015, AKONING  
deuterons from (n,x)

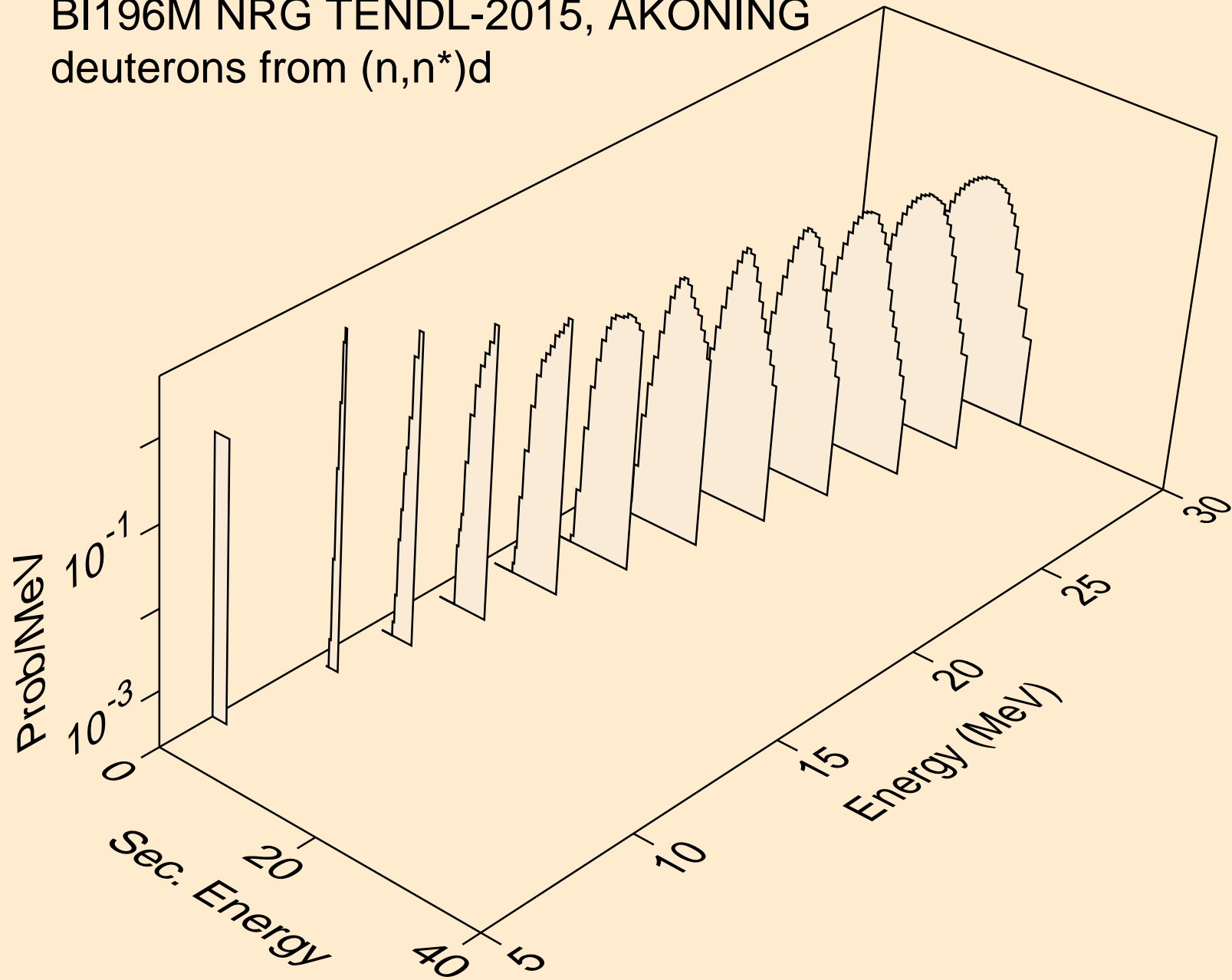


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deuterons from (n,2nd)

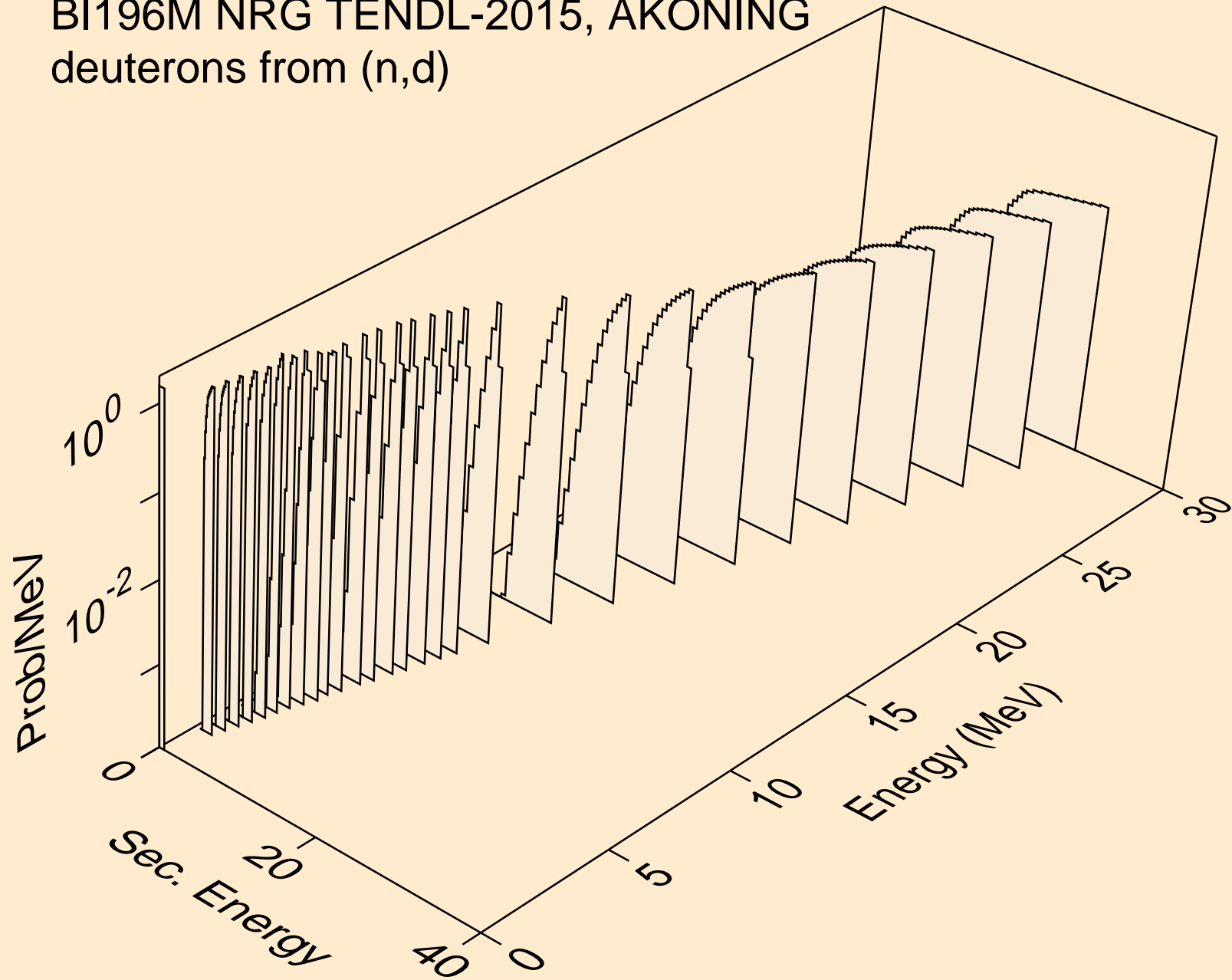




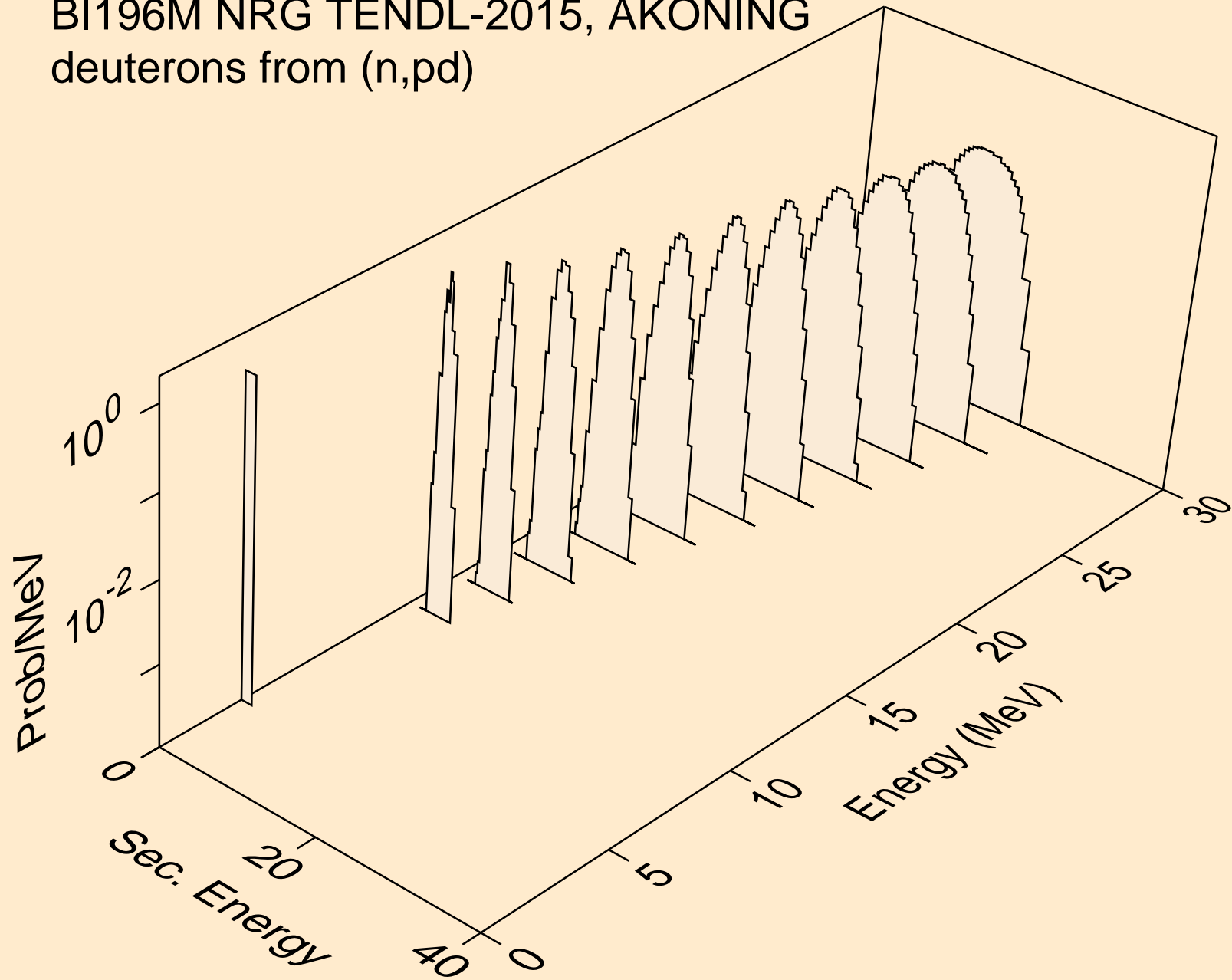
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deuterons from (n,n\*)d



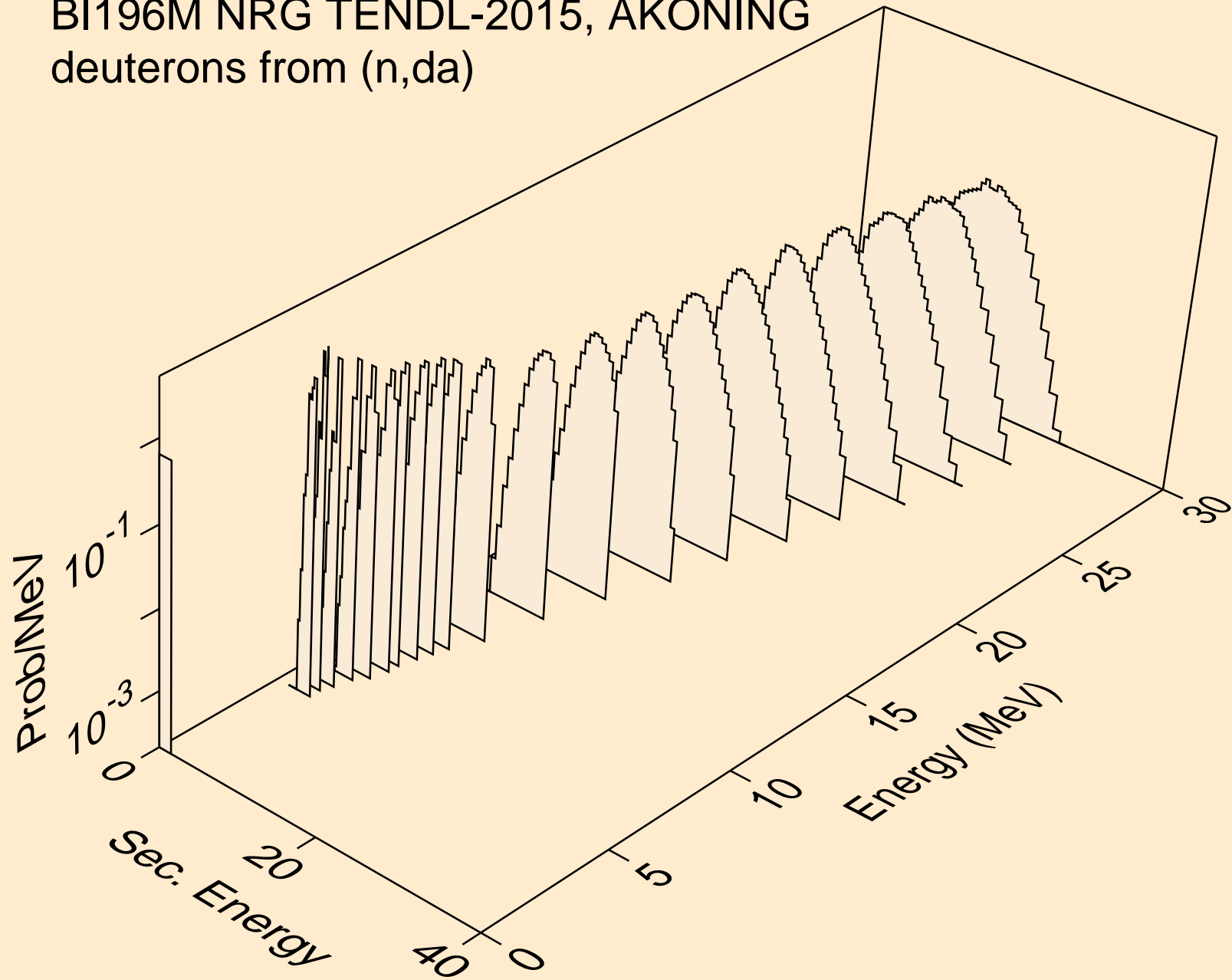
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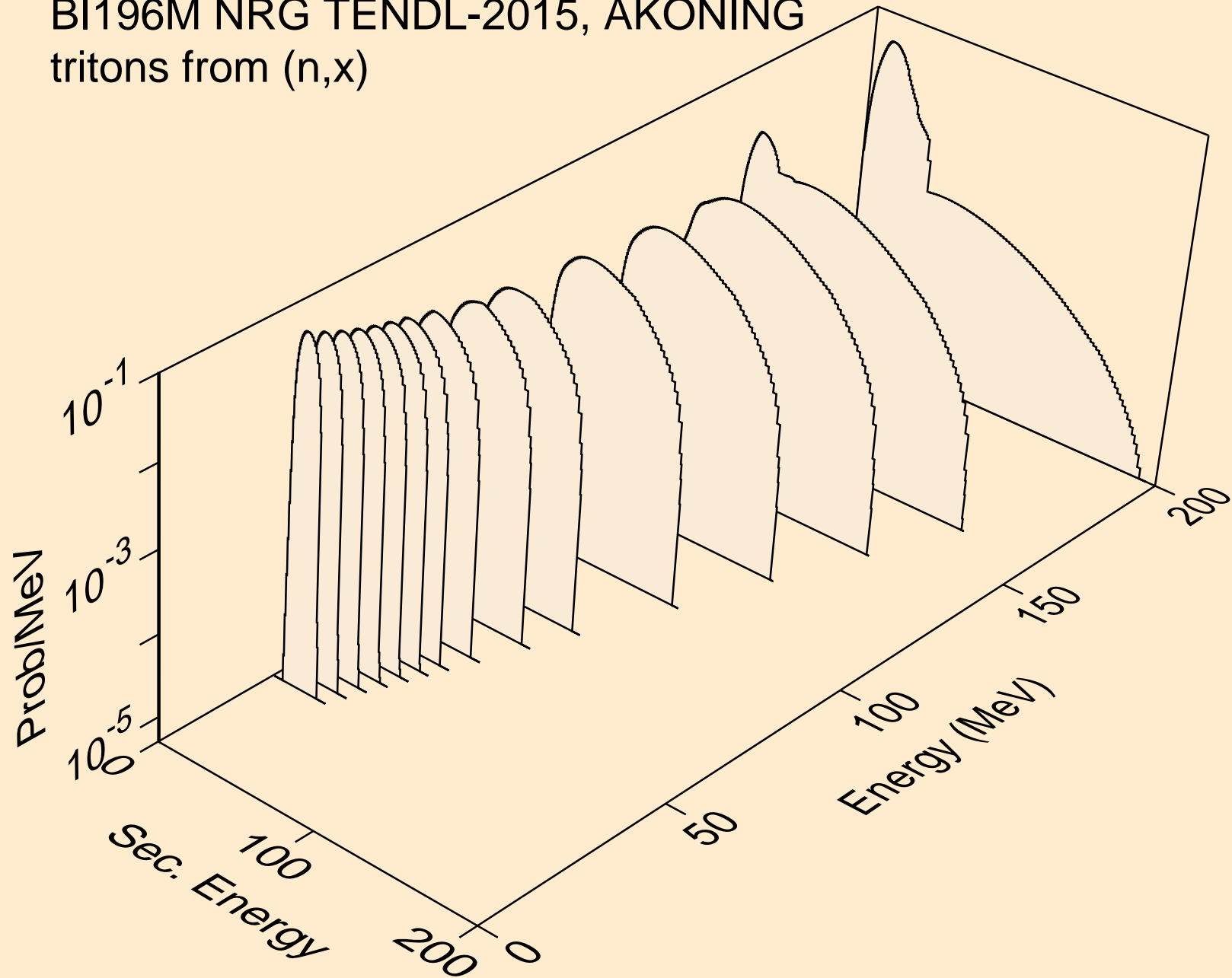
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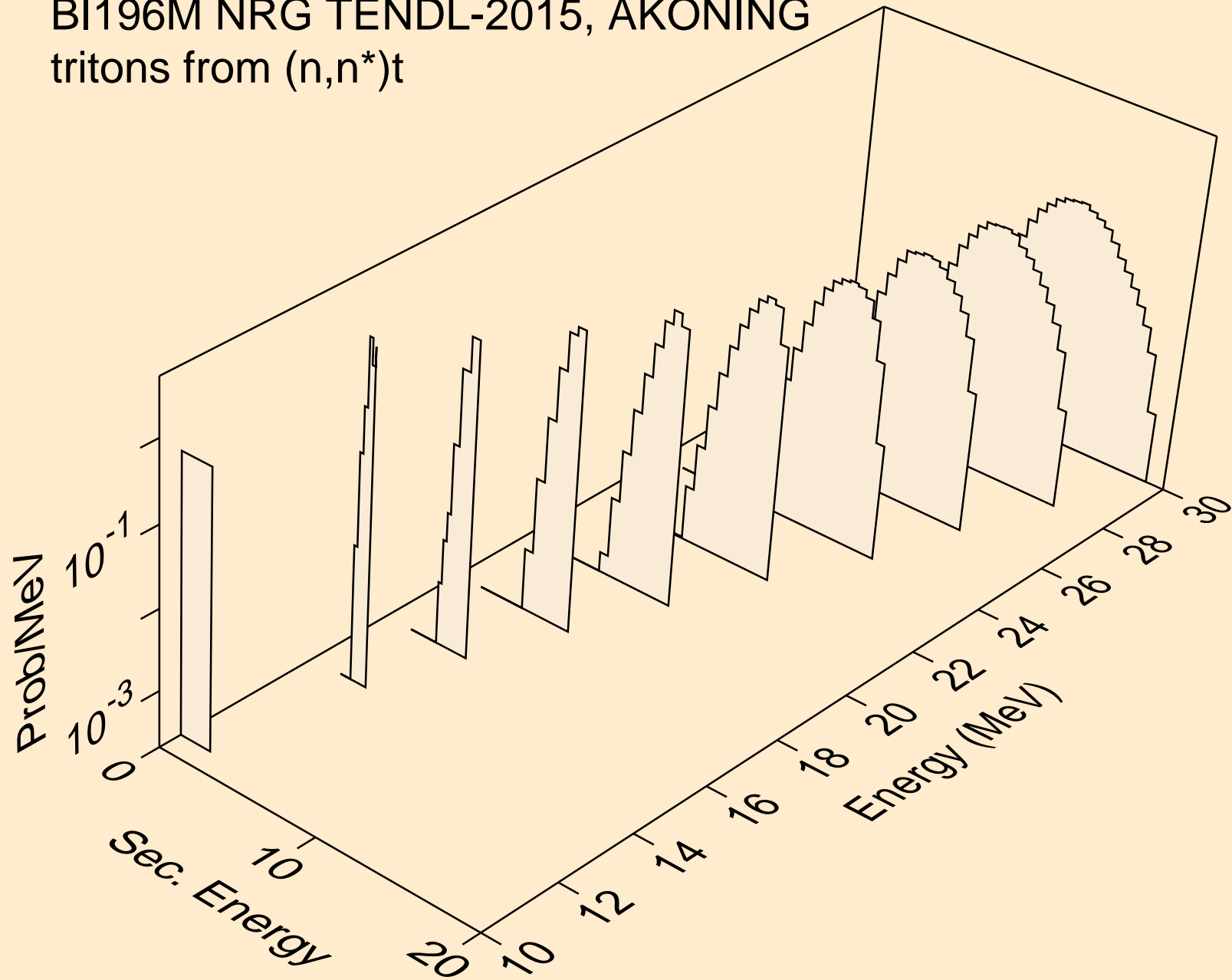
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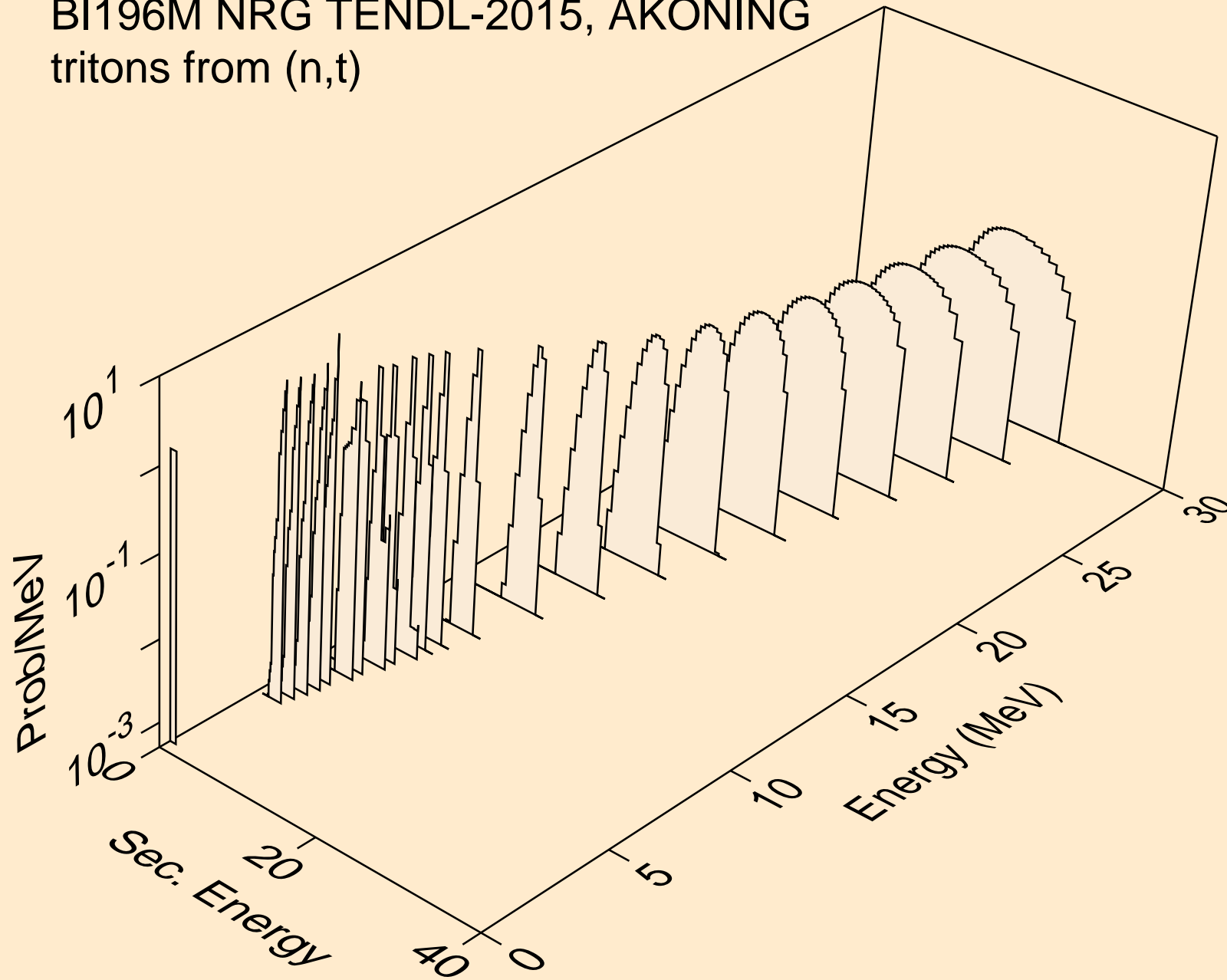
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tritons from (n,x)



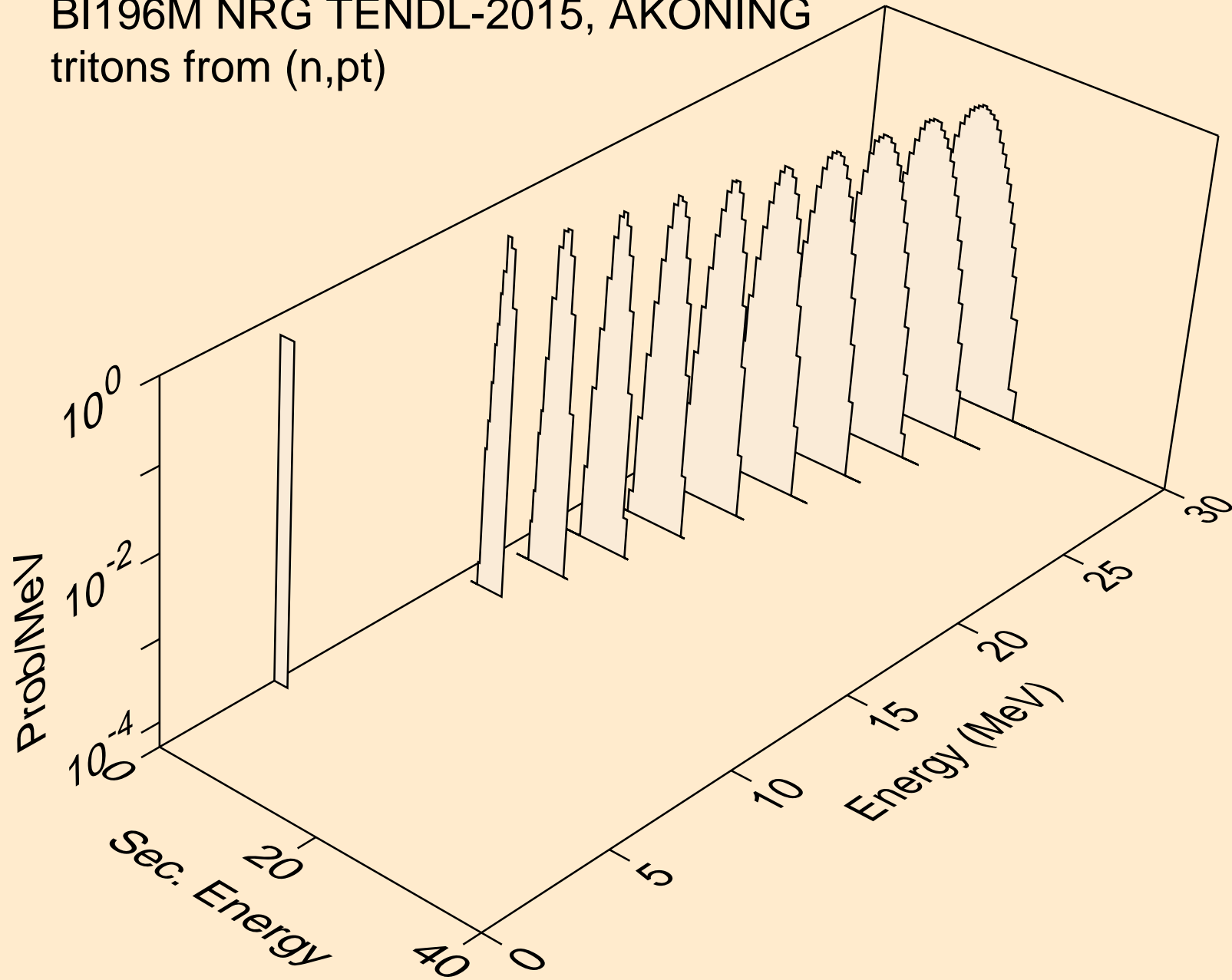
BI196M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



BI196M NRG TENDL-2015, AKONING  
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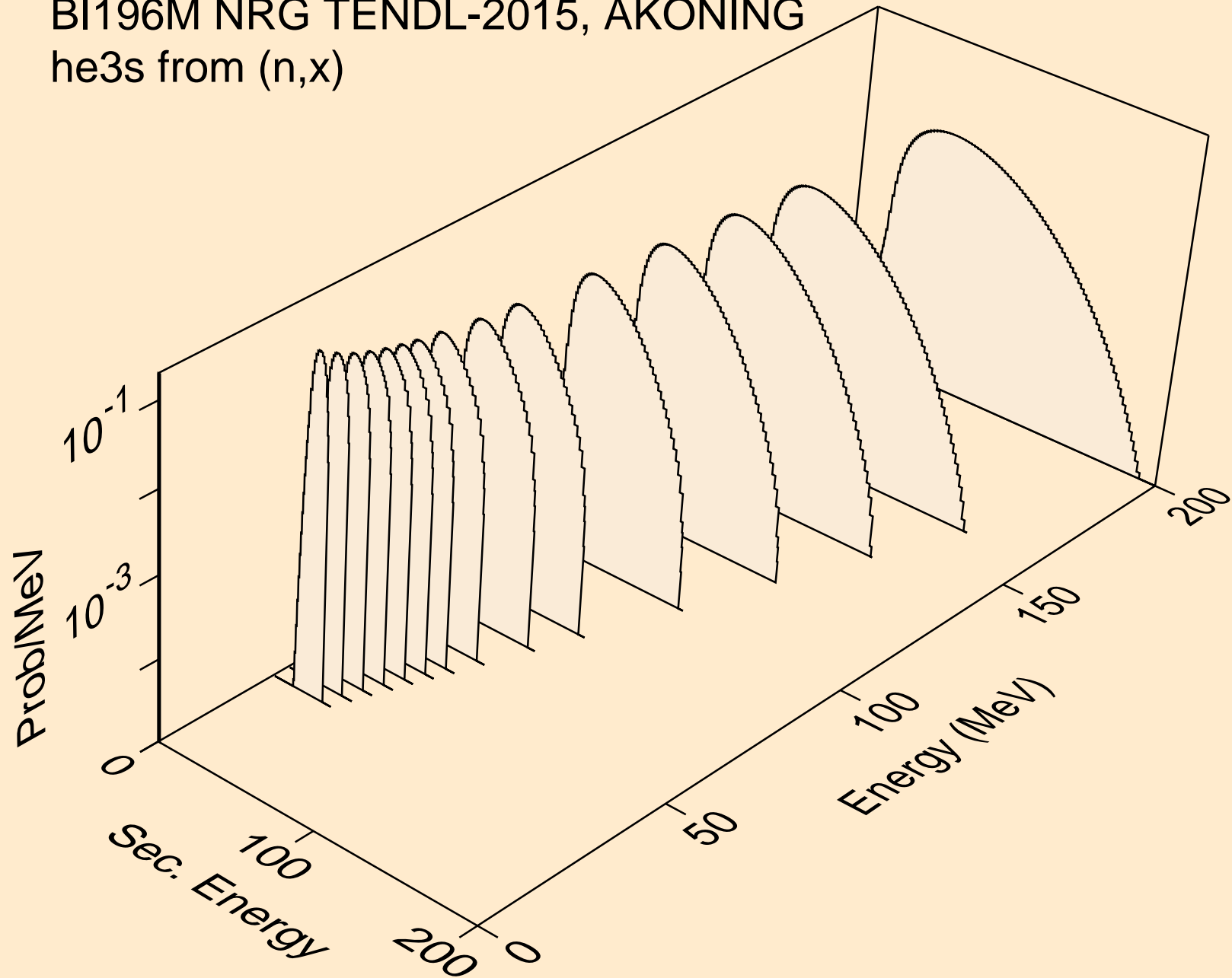


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tritons from (n,pt)

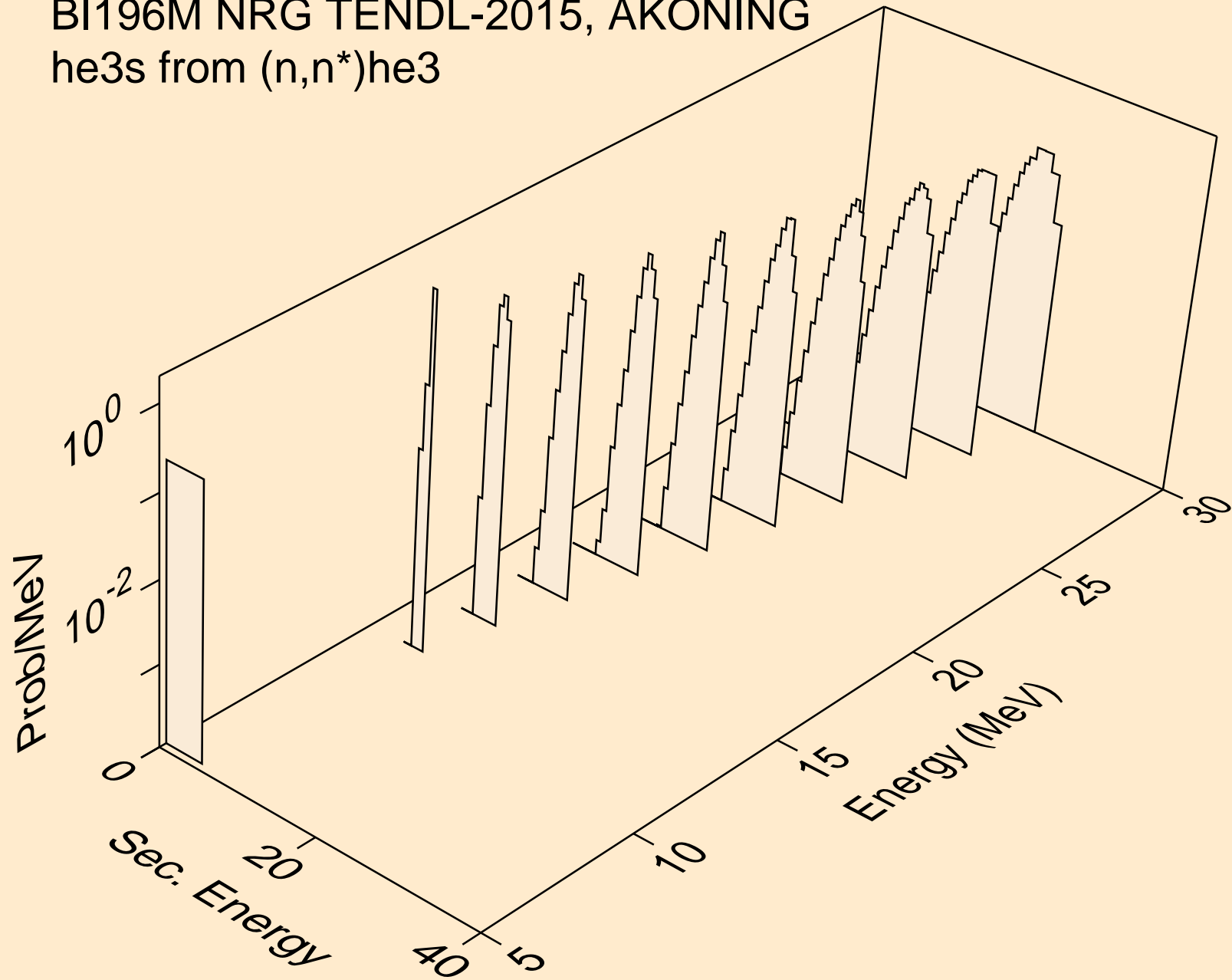




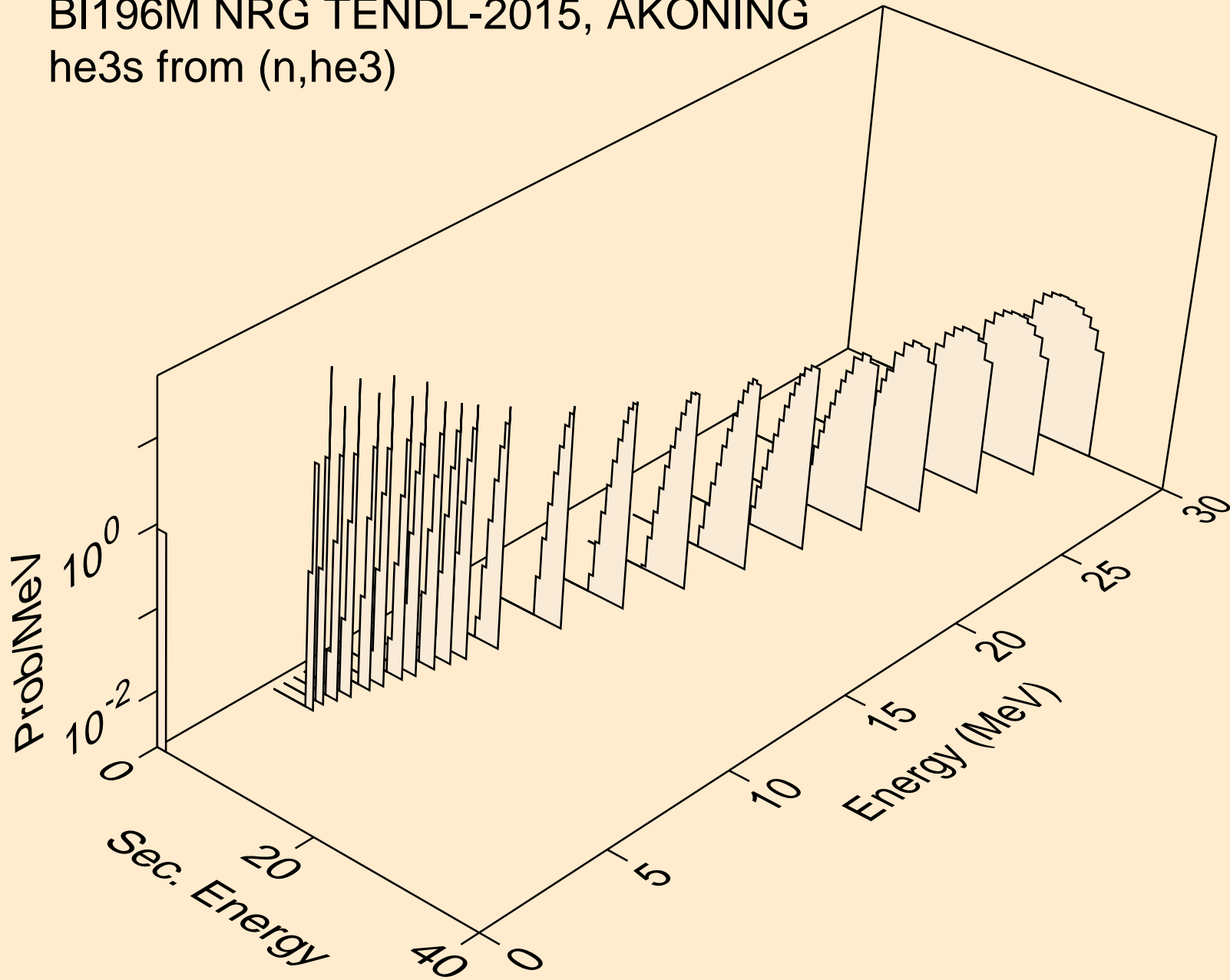
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he3s from (n,x)



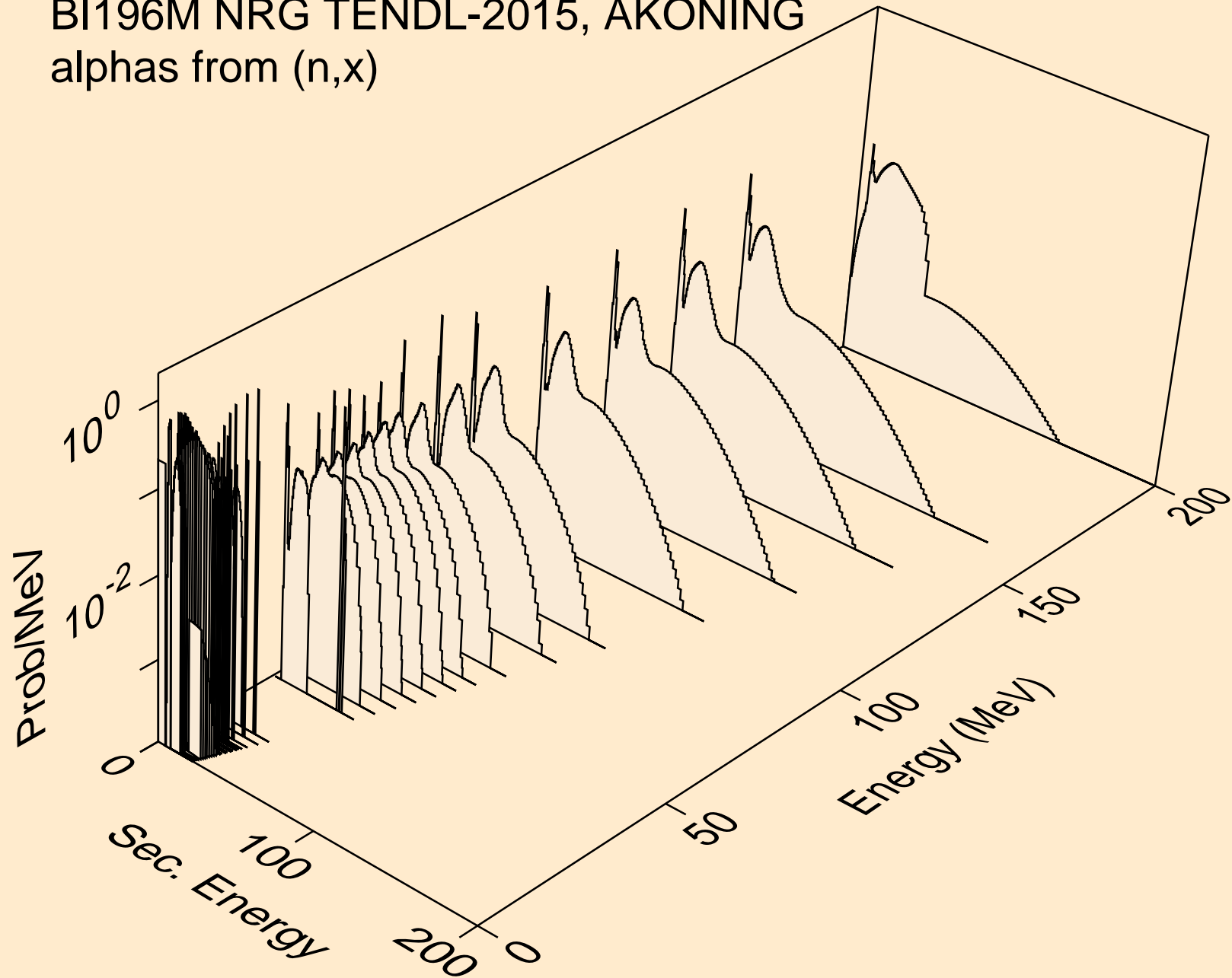
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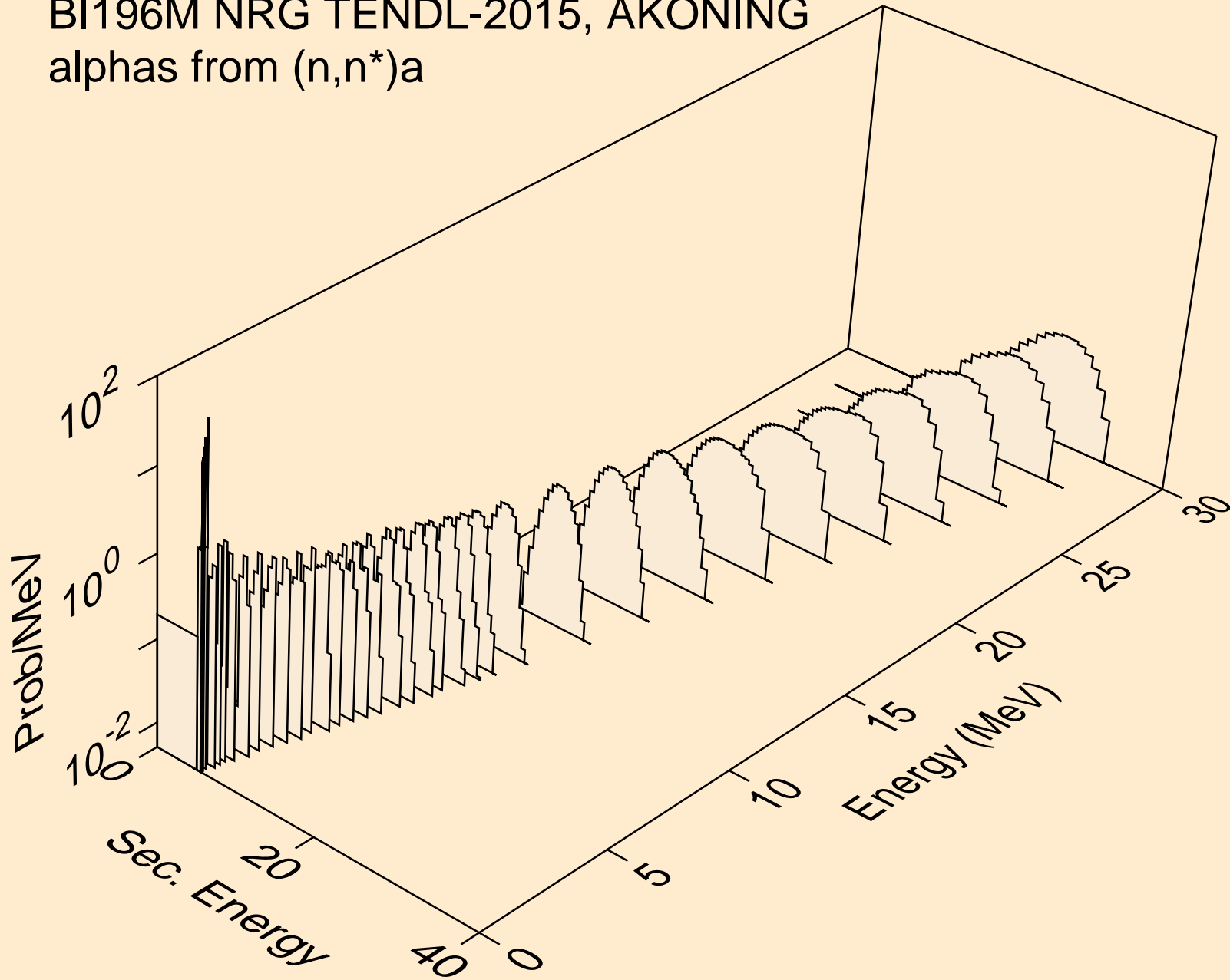
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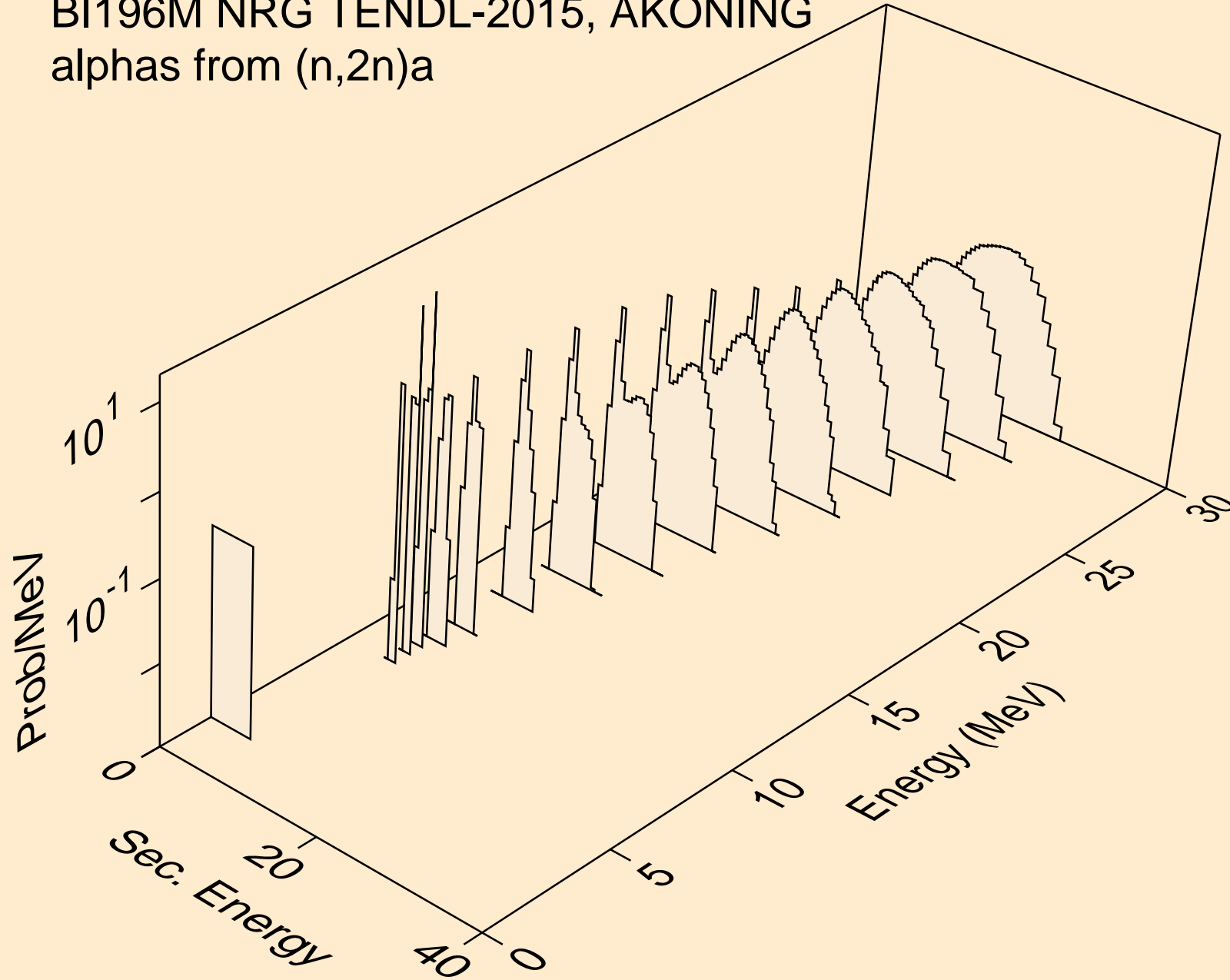
BI196M NRG TENDL-2015, AKONING  
alphas from (n,x)



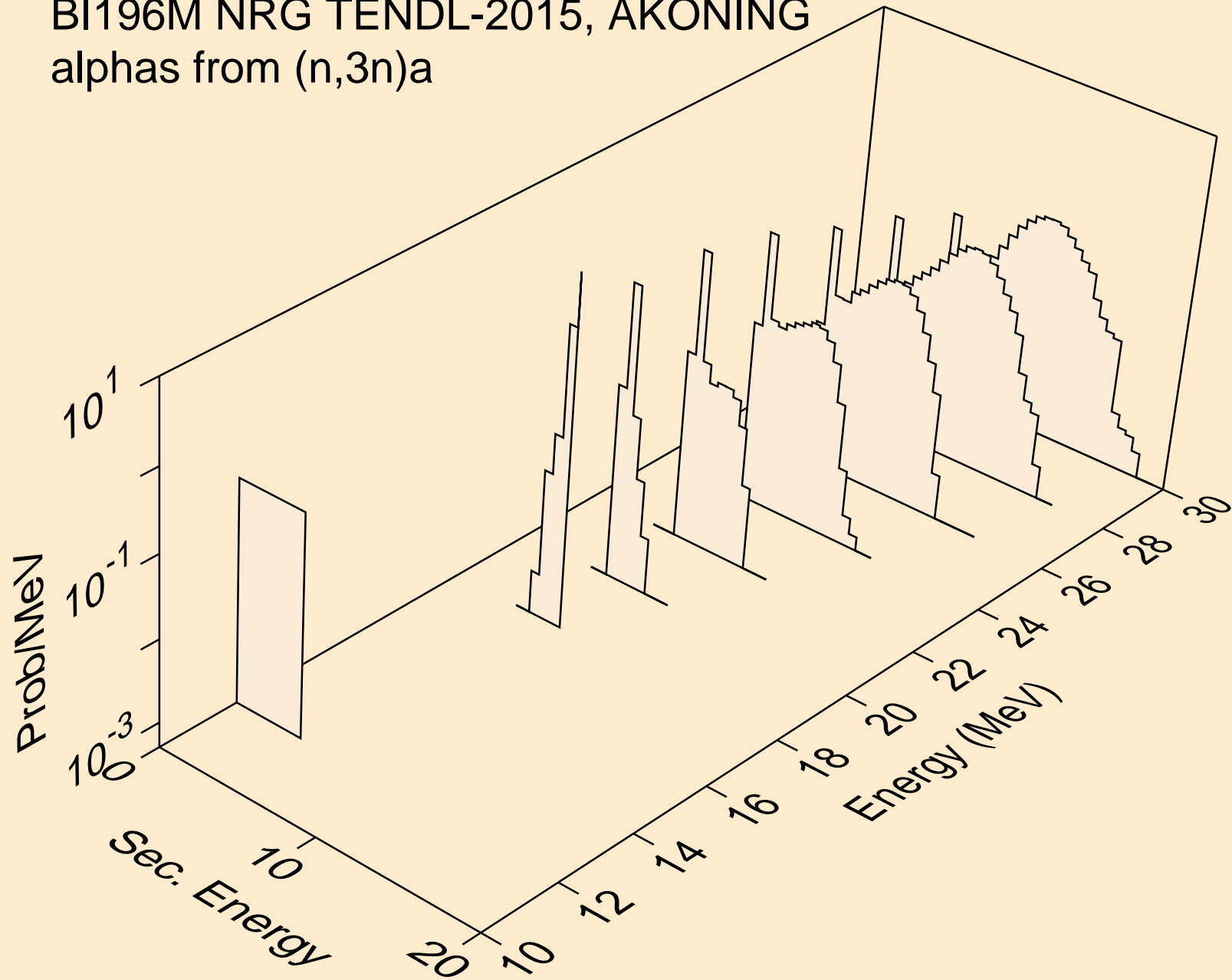
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alphas from (n,n\*)a



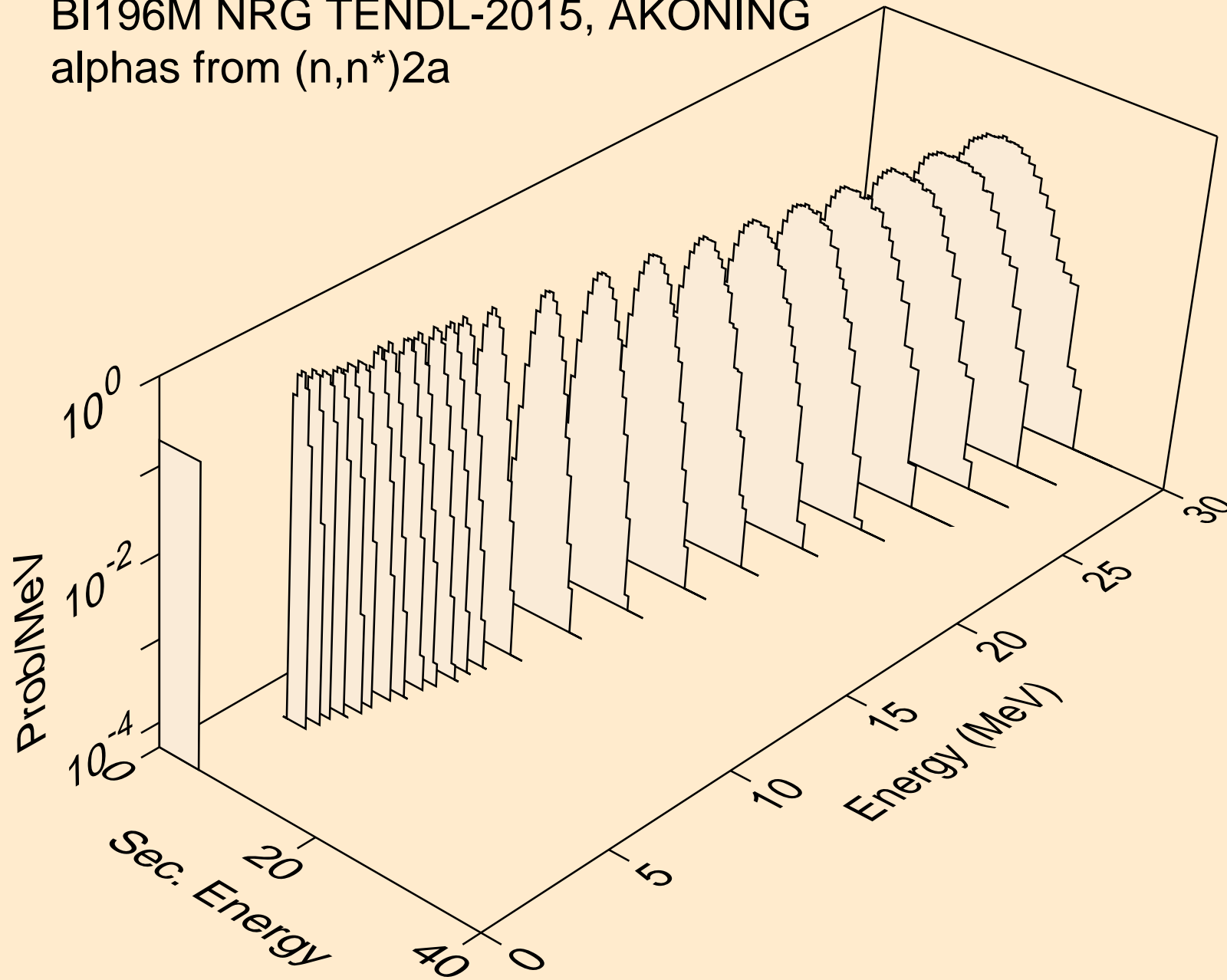
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alphas from (n,2n)a



BI196M NRG TENDL-2015, AKONING  
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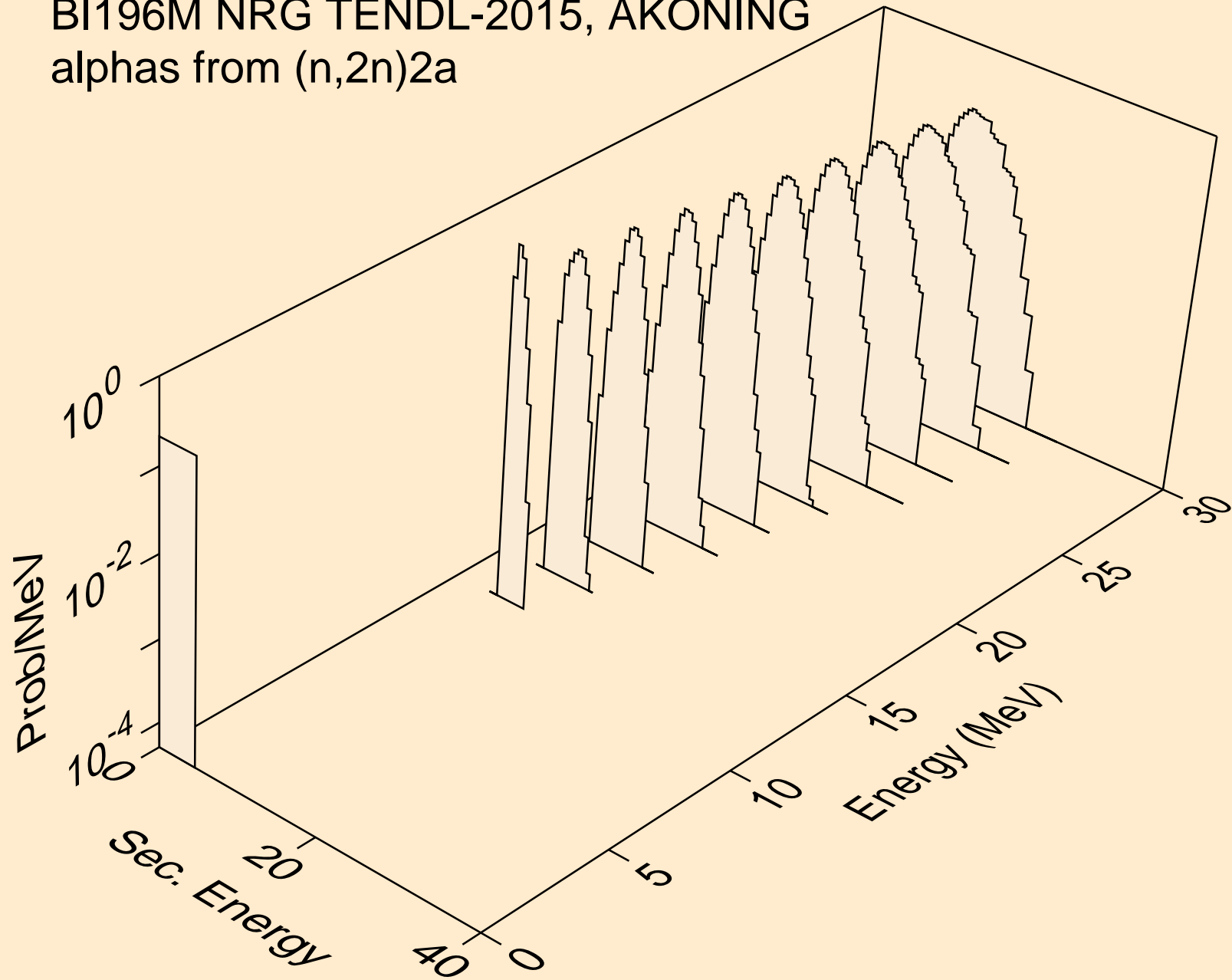


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alphas from (n,n\*)2a

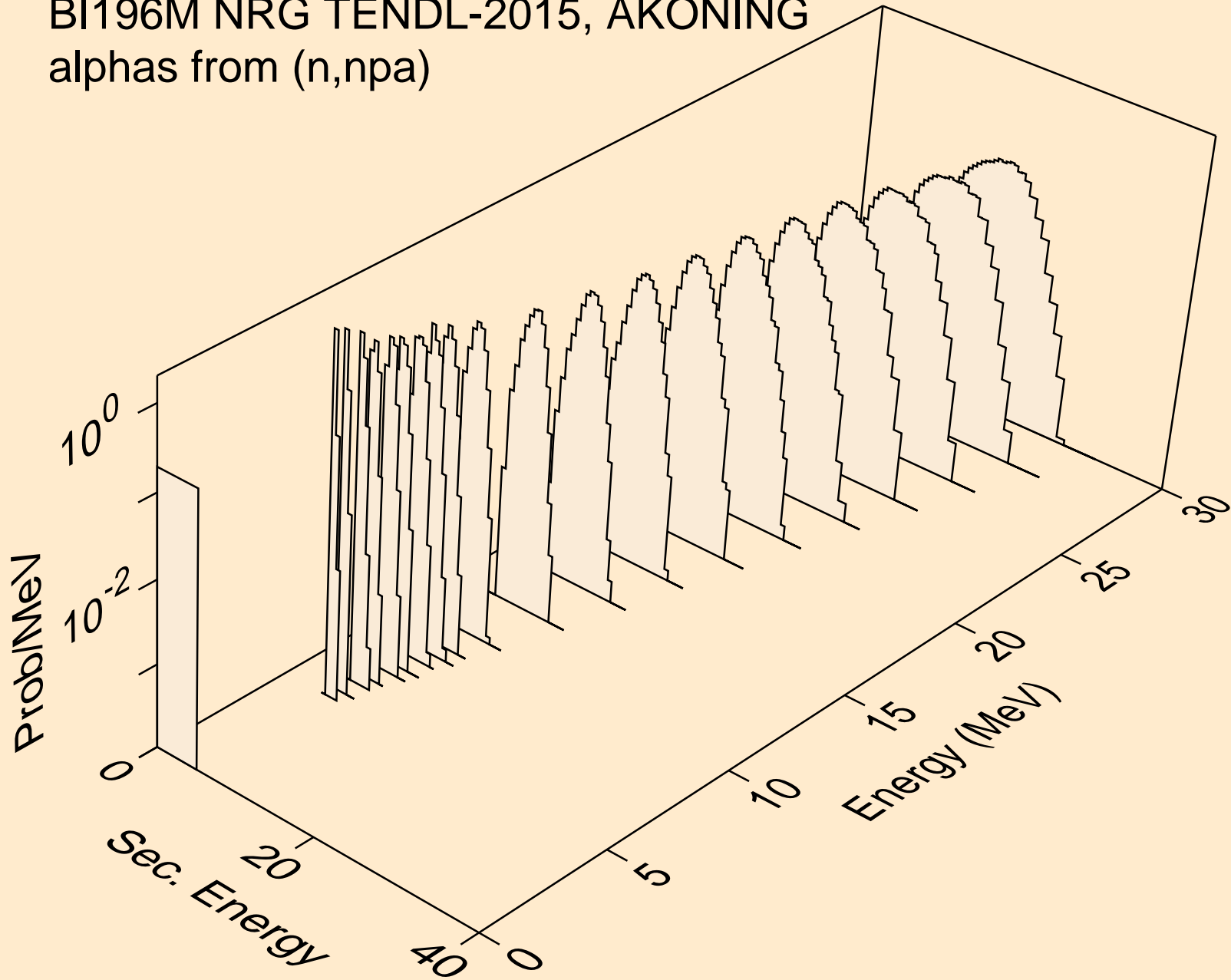




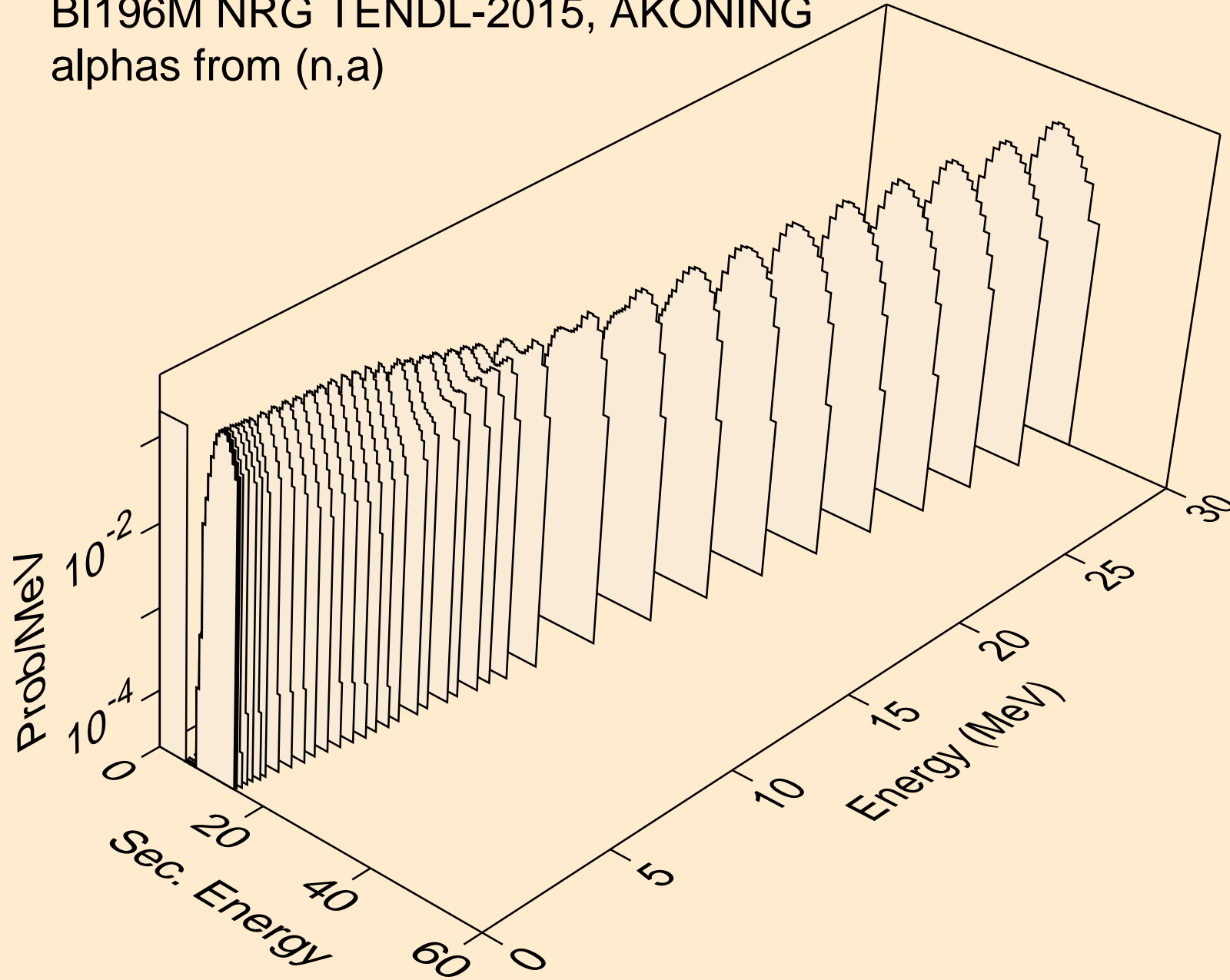
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alphas from (n,2n)2a



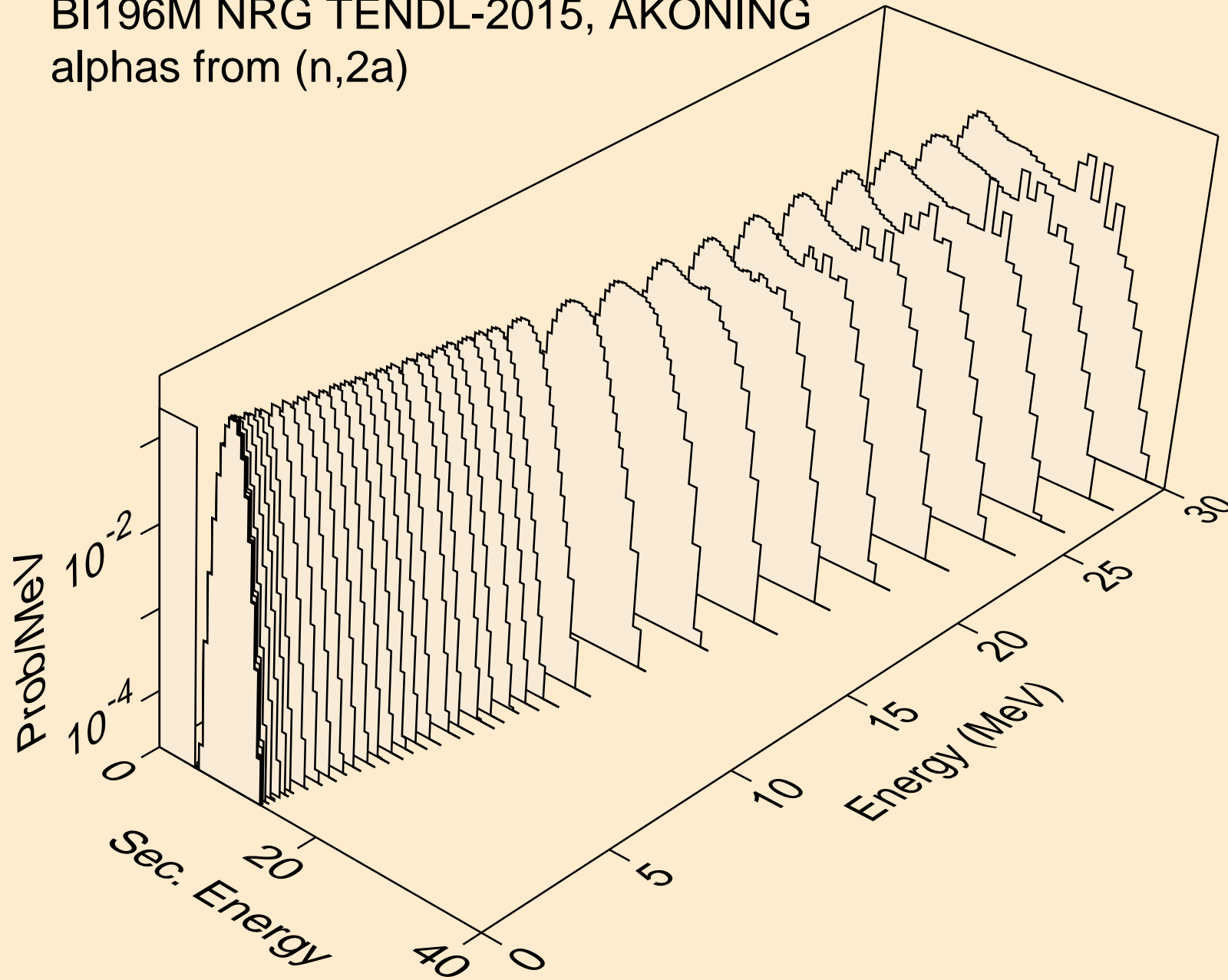
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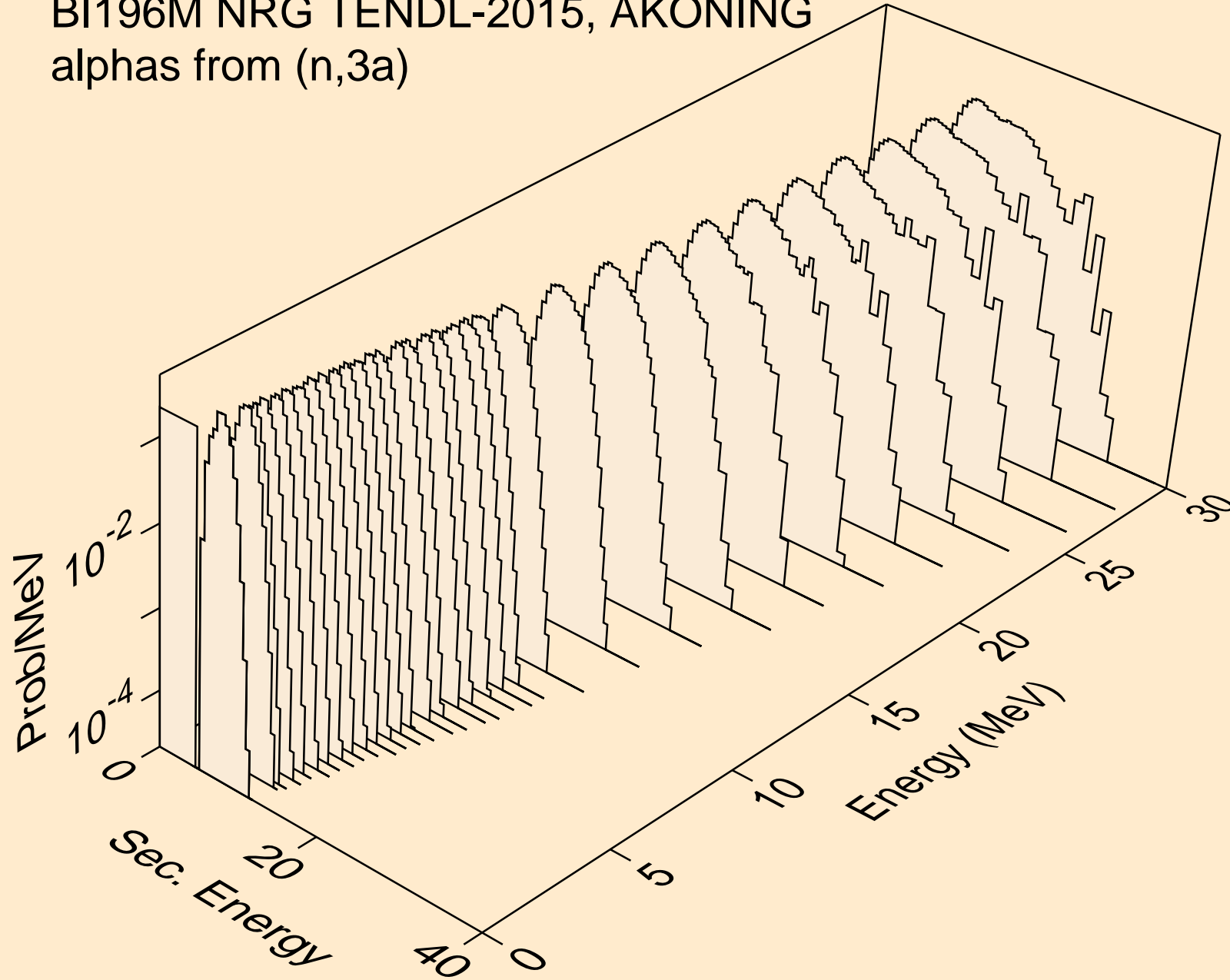
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alphas from (n,a)



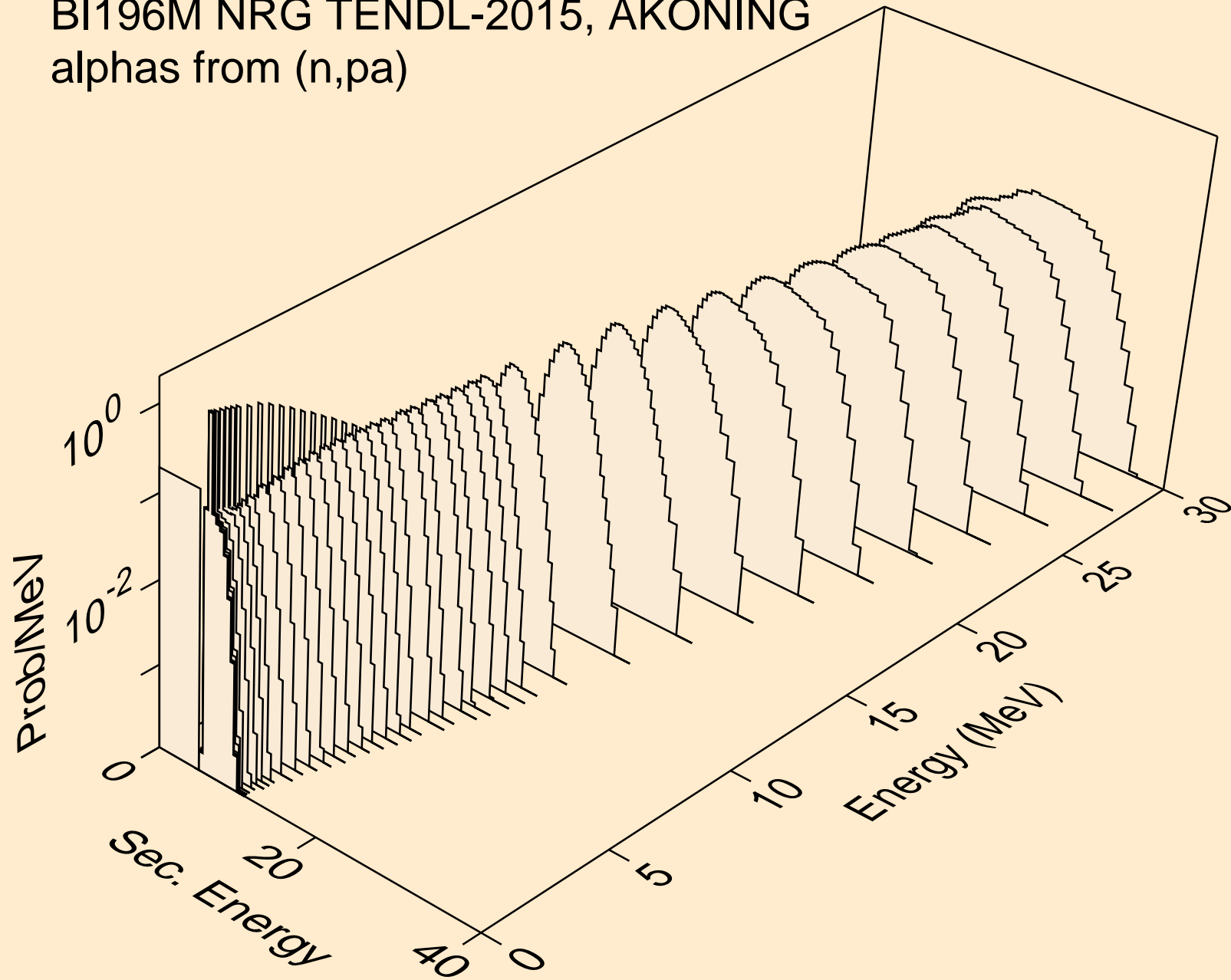
BI196M NRG TENDL-2015, AKONING  
alphas from (n,2a)



BI196M NRG TENDL-2015, AKONING  
alphas from (n,3a)



BI196M NRG TENDL-2015, AKONING  
alphas from (n,pa)



BI196M NRG TENDL-2015, AKONING  
alphas from (n,da)

