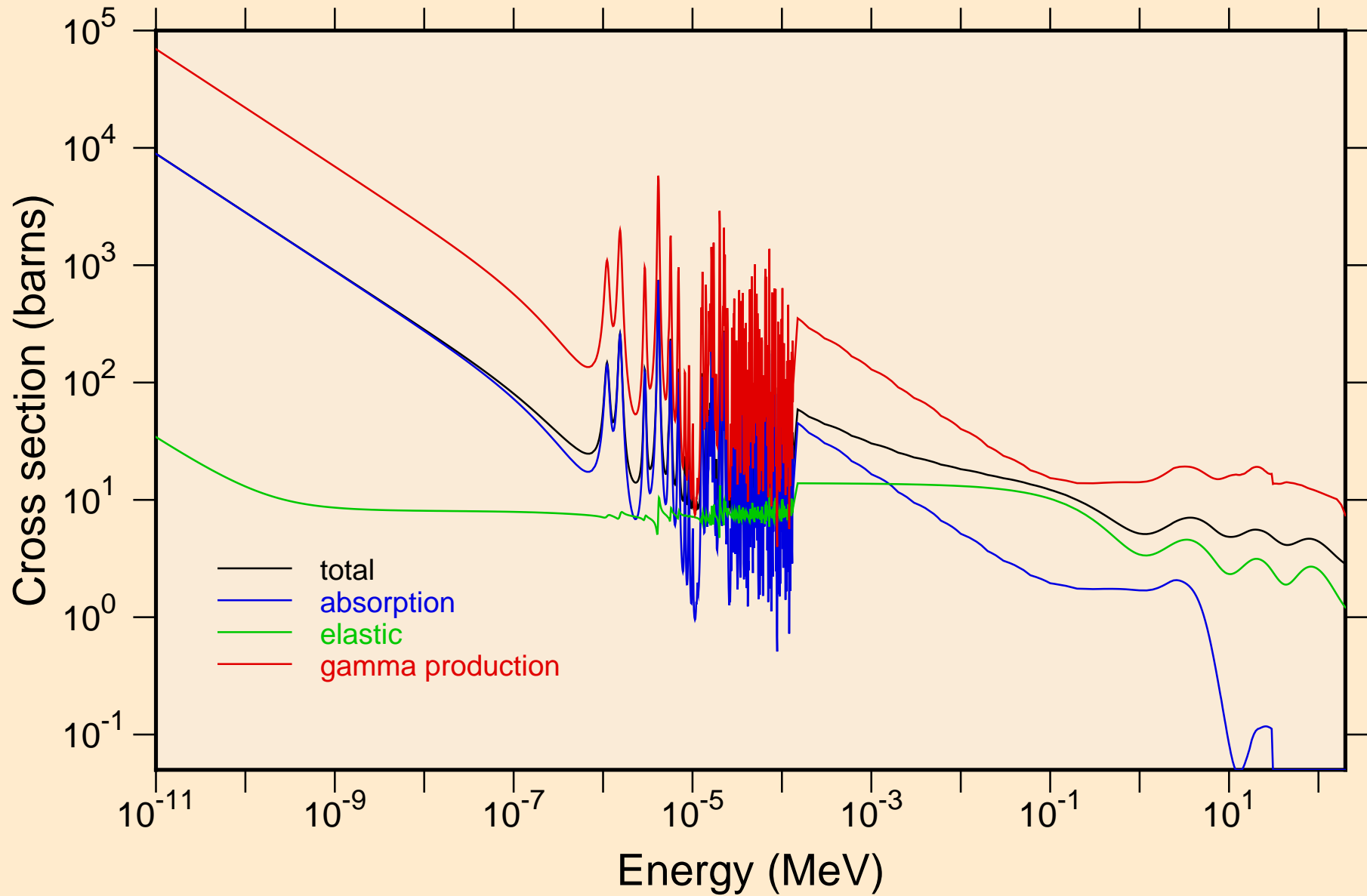
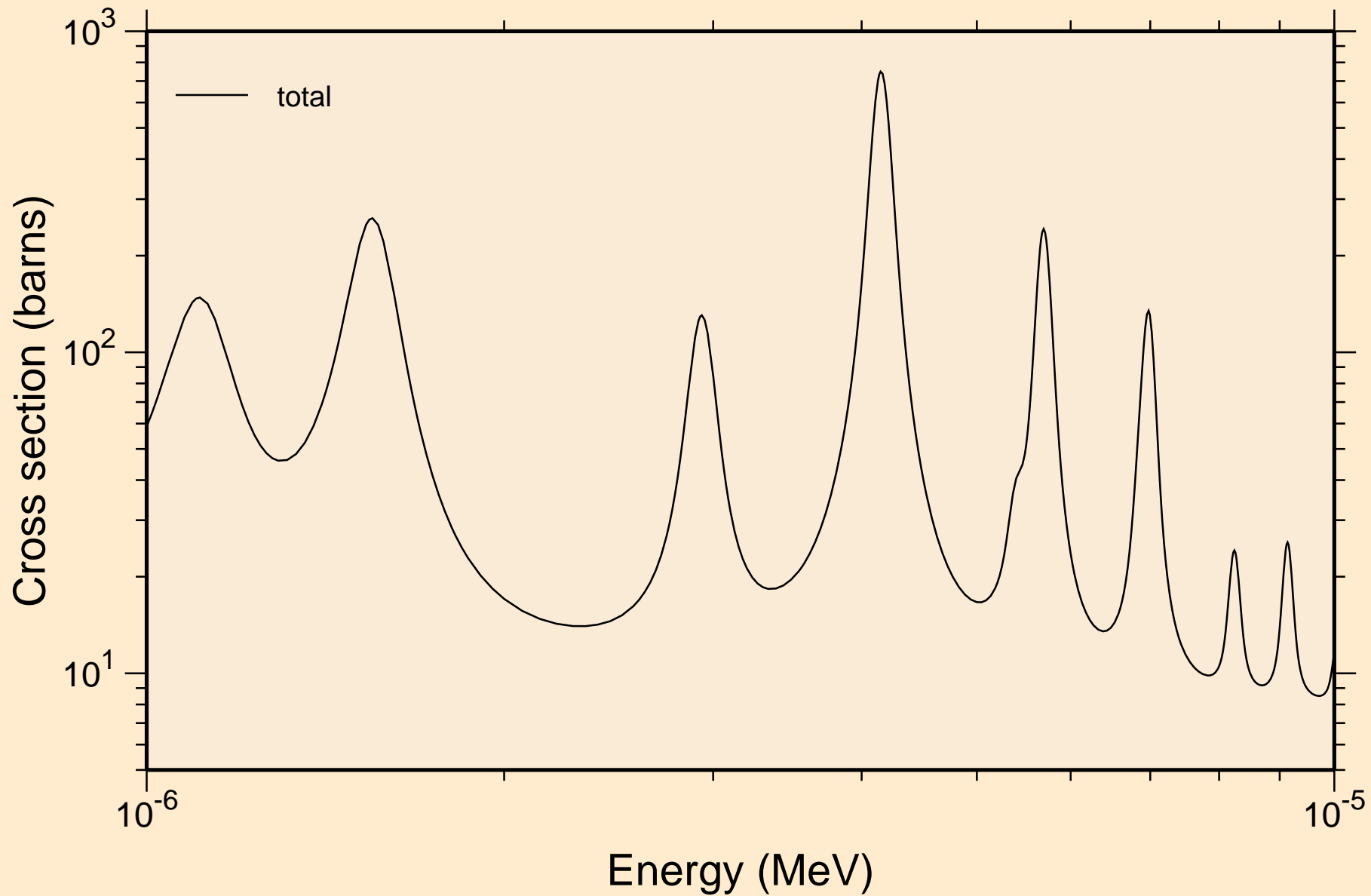


# HG191M NRG TENDL-2015, AKONING

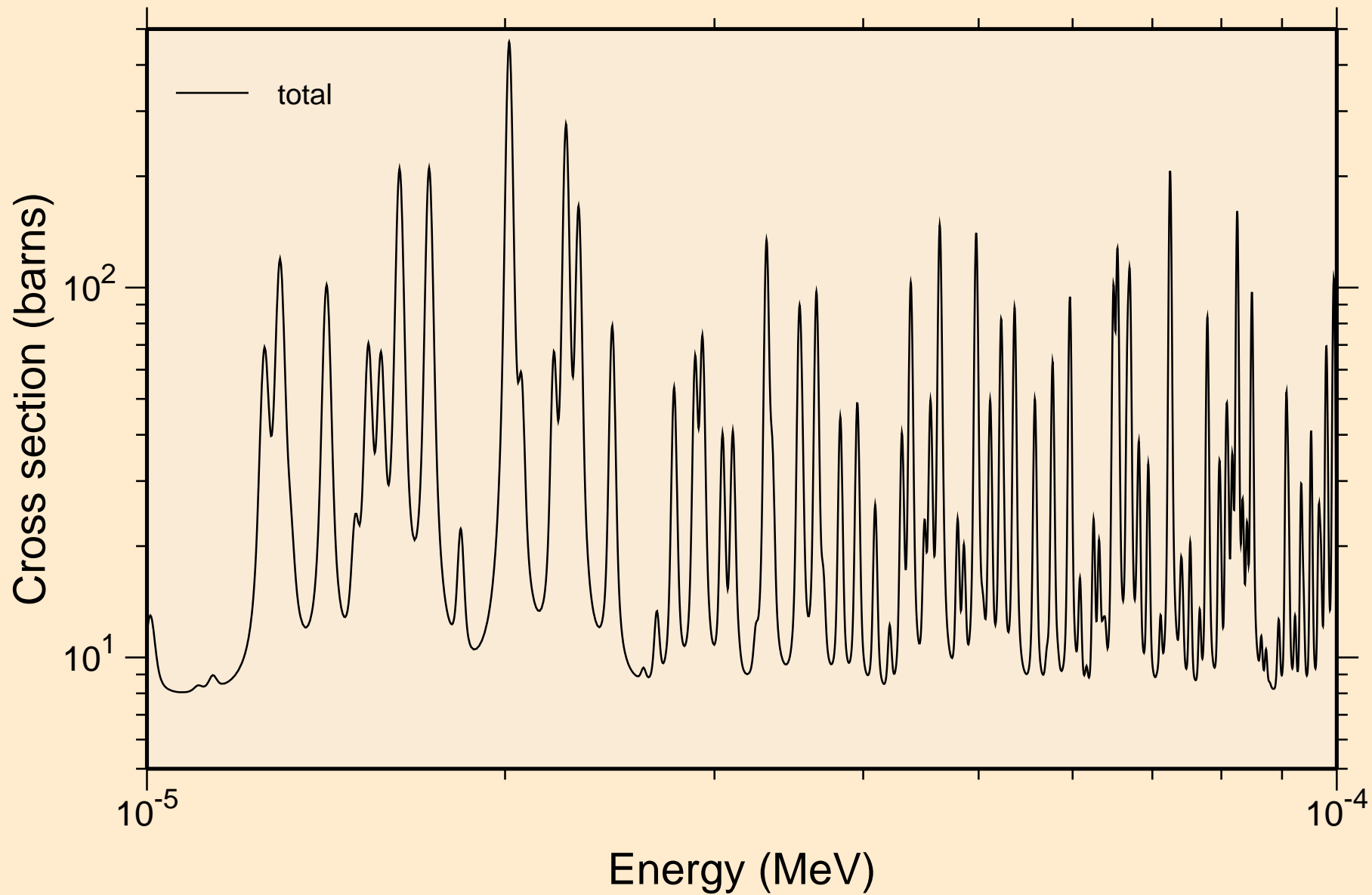
## Principal cross sections



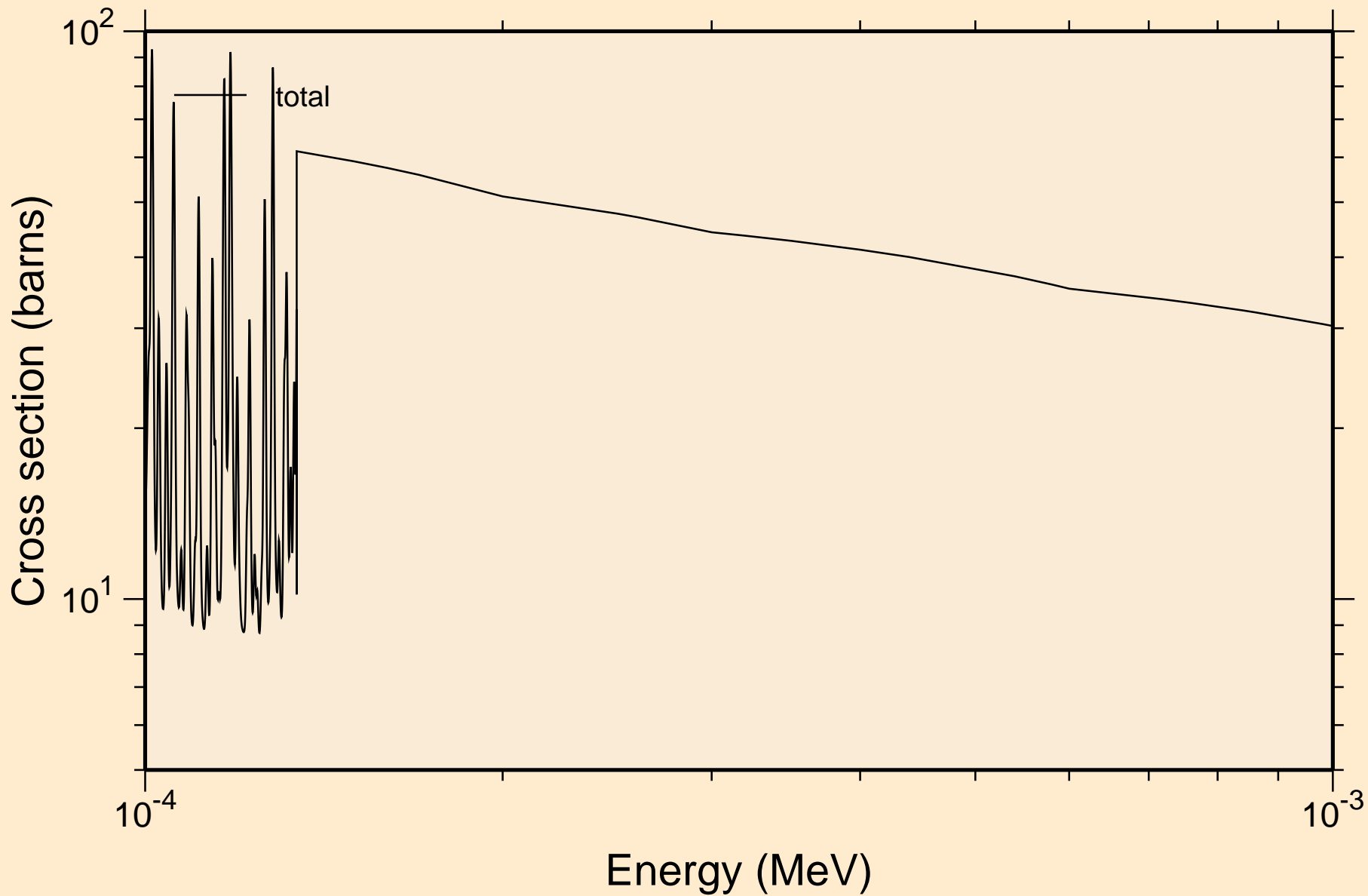
HG191M NRG TENDL-2015, AKONING  
resonance total cross section



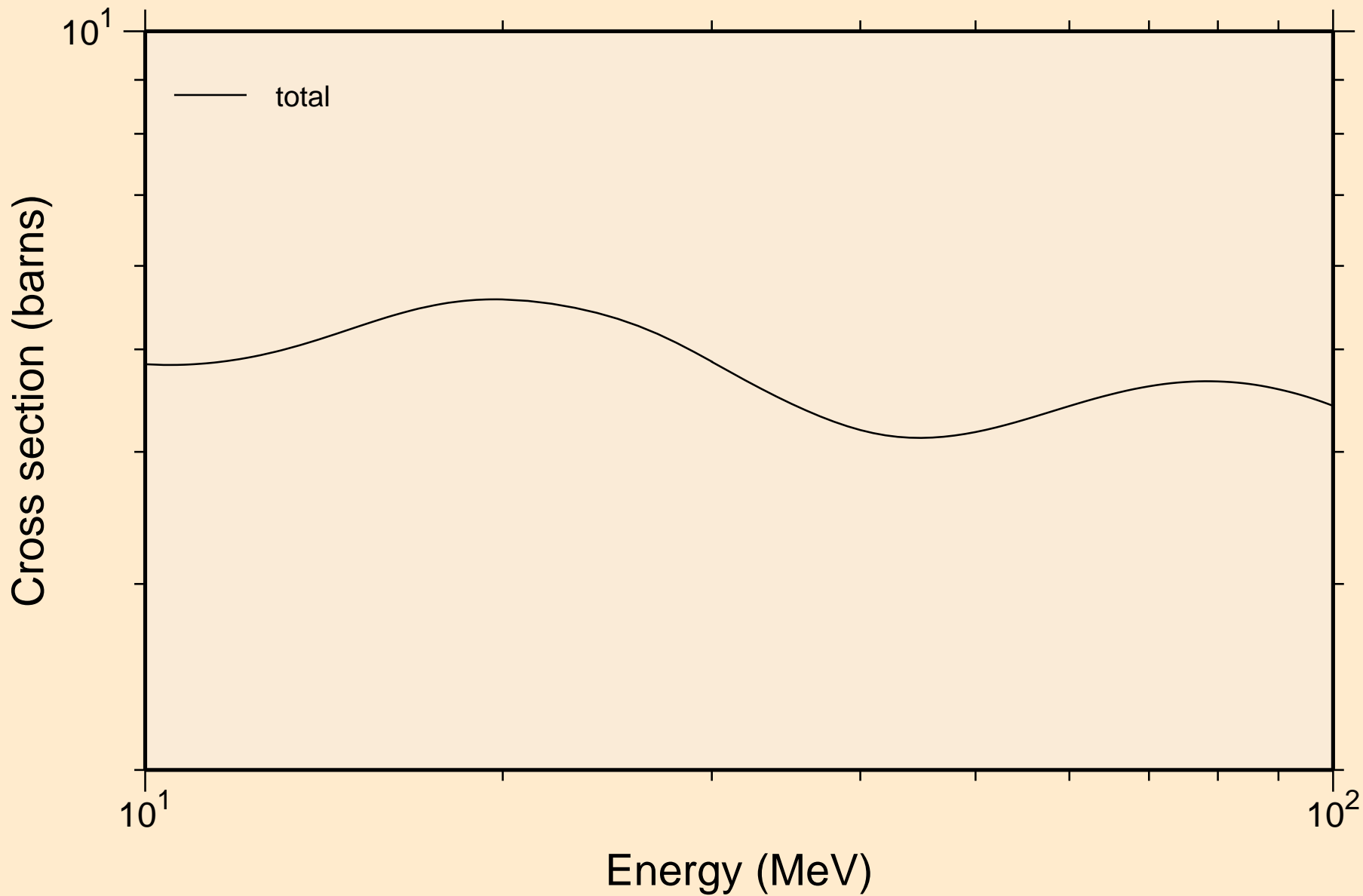
HG191M NRG TENDL-2015, AKONING  
resonance total cross section



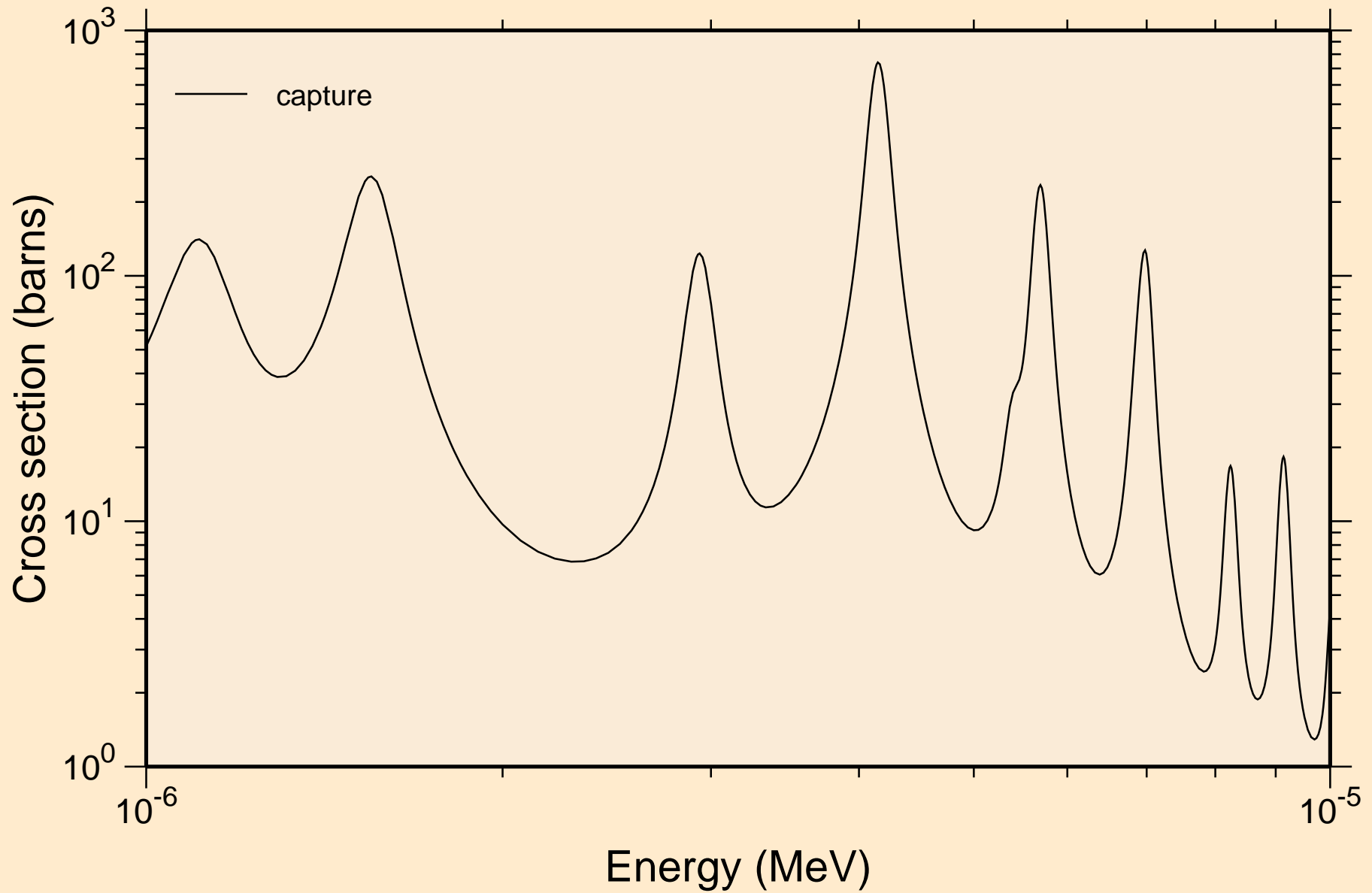
HG191M NRG TENDL-2015, AKONING  
resonance total cross section



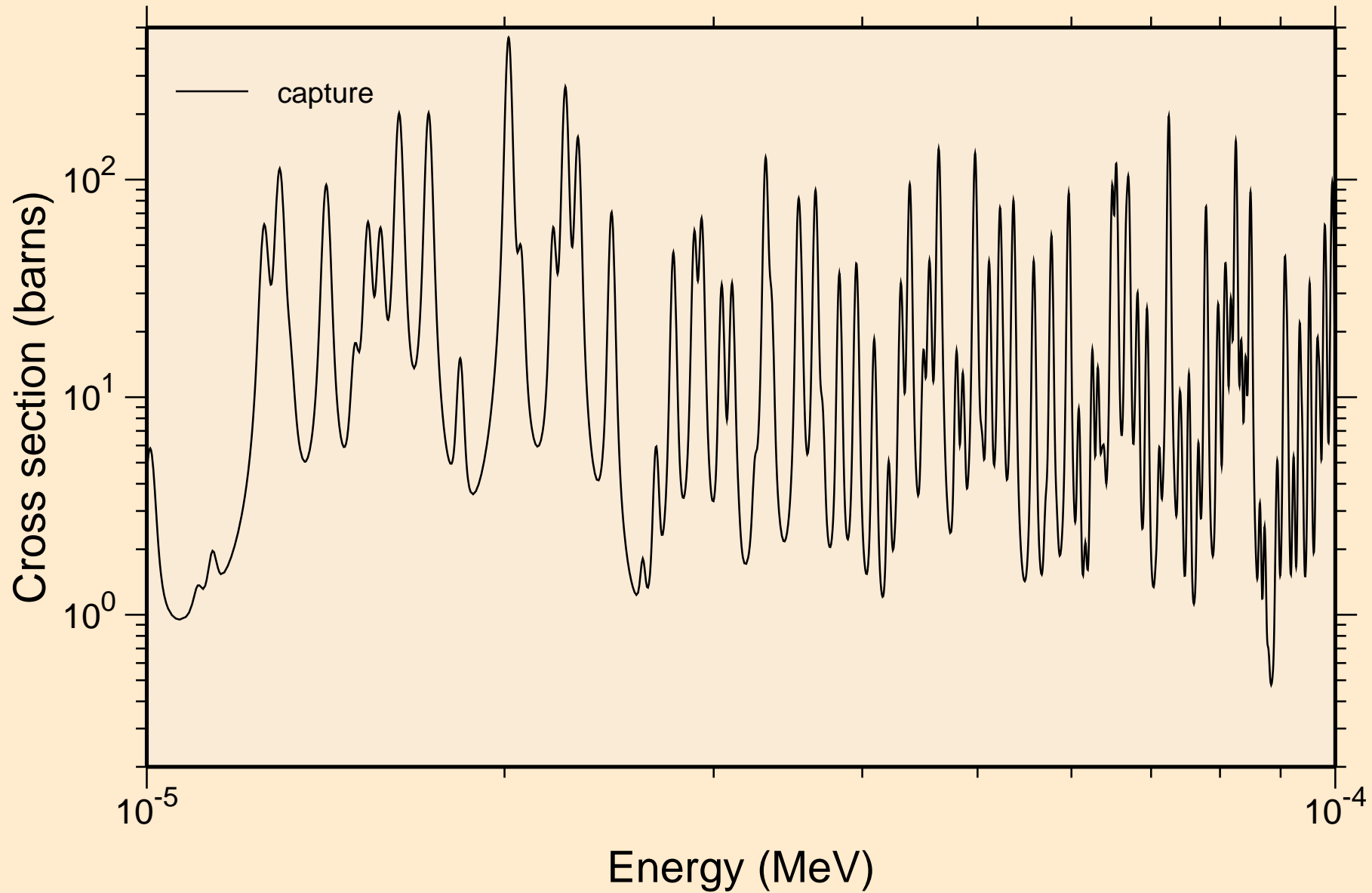
HG191M NRG TENDL-2015, AKONING  
resonance total cross section



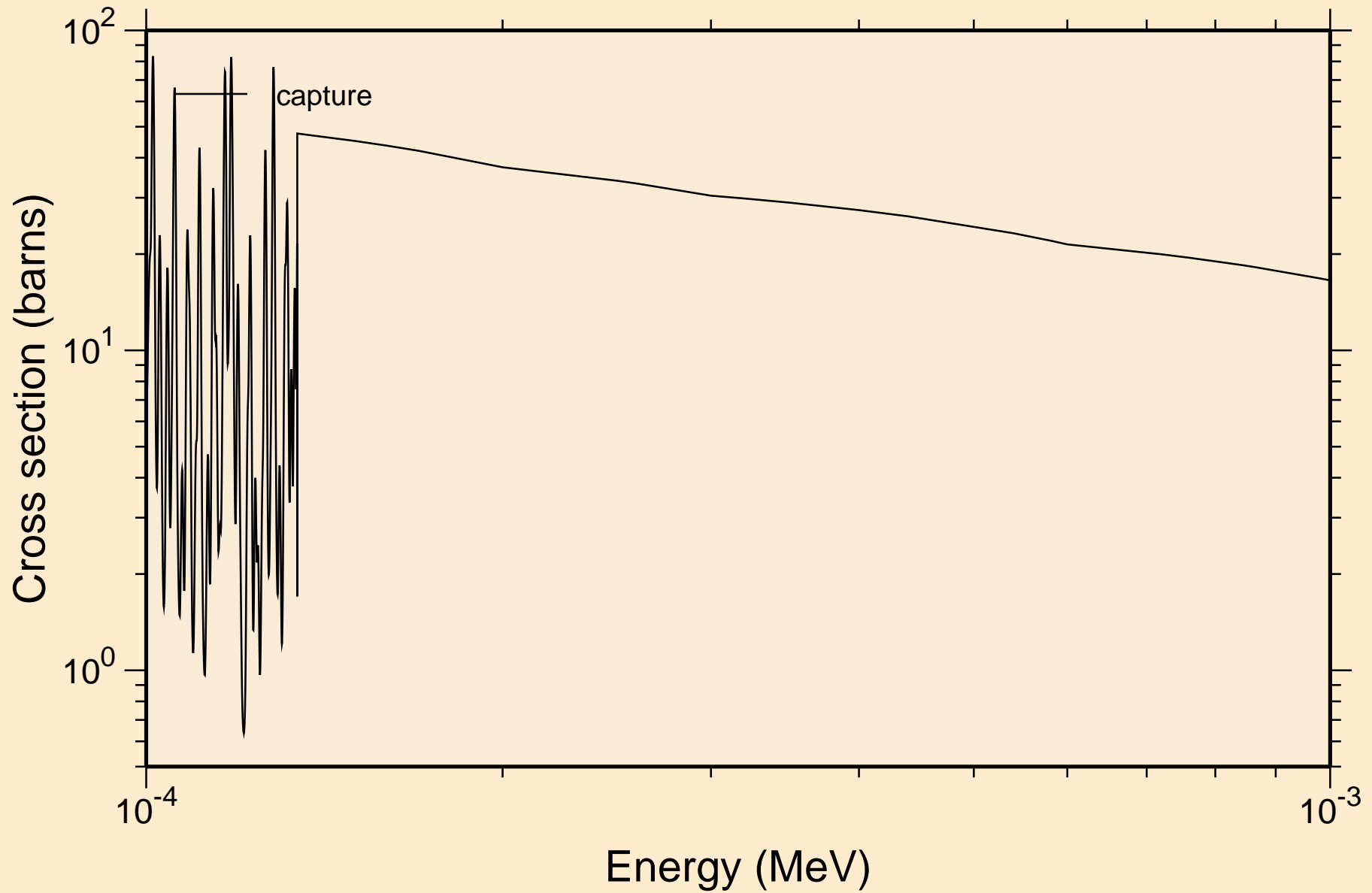
# HG191M NRG TENDL-2015, AKONING resonance absorption cross sections



HG191M NRG TENDL-2015, AKONING  
resonance absorption cross sections

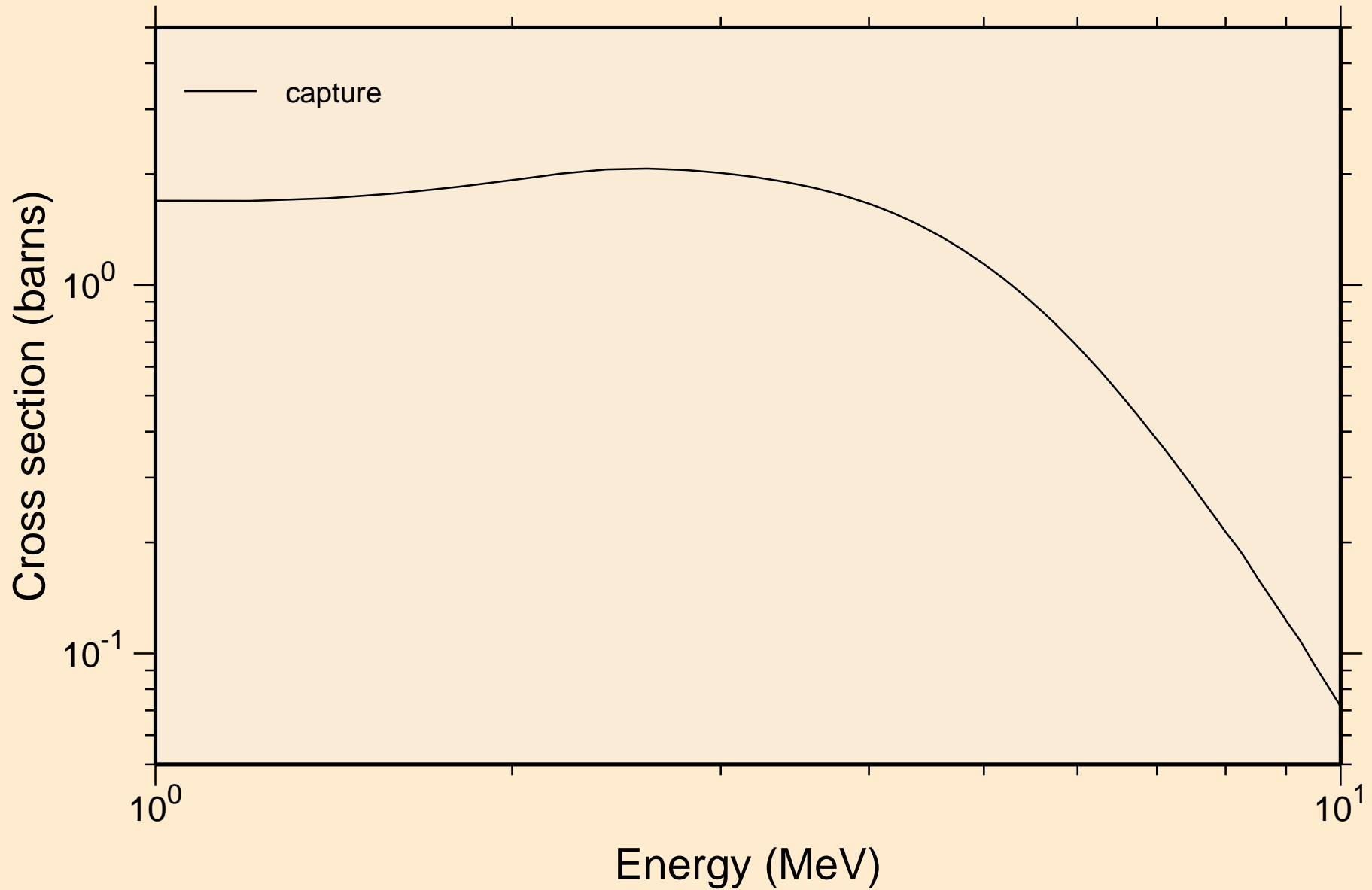


HG191M NRG TENDL-2015, AKONING  
resonance absorption cross sections



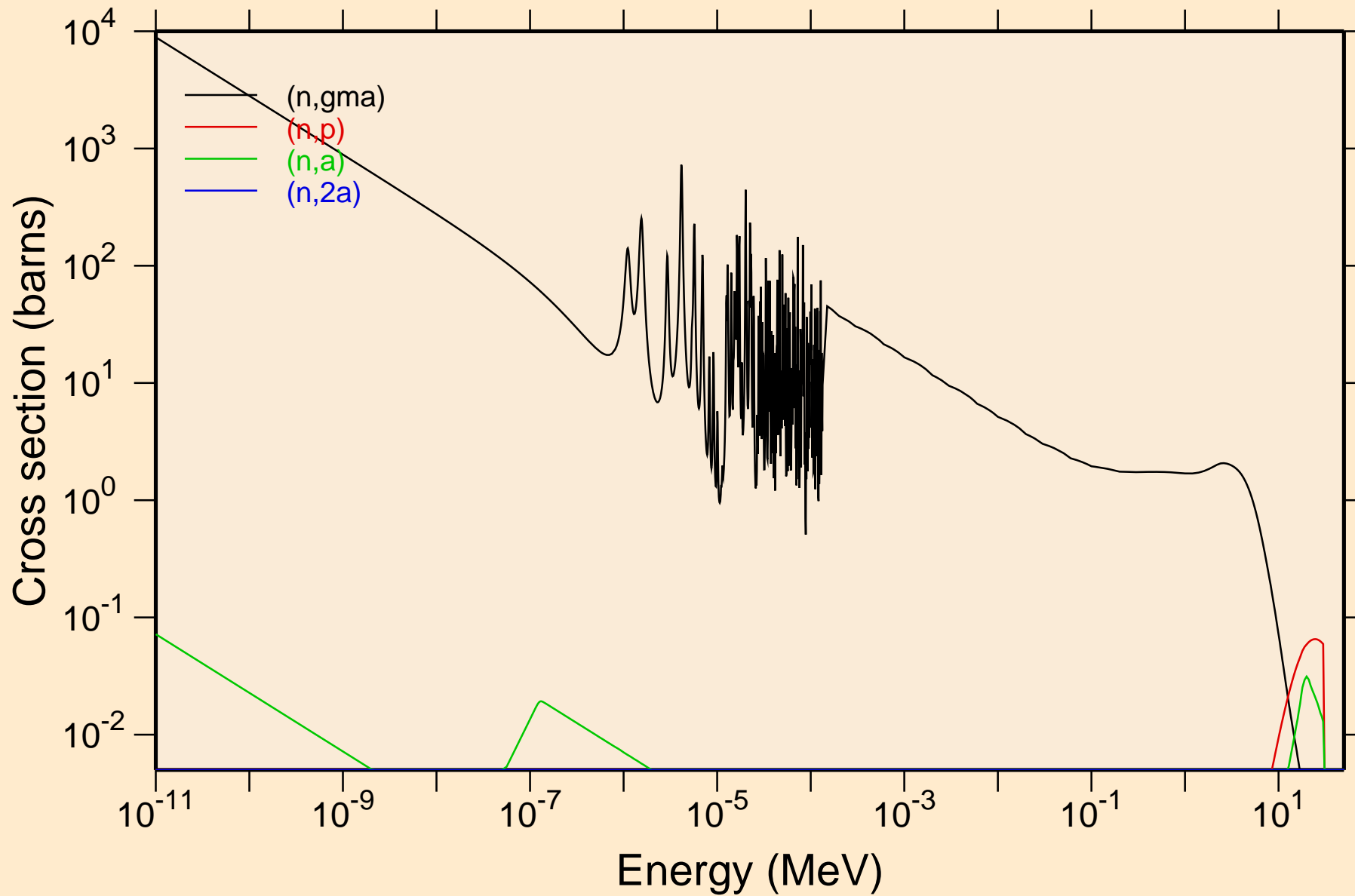


HG191M NRG TENDL-2015, AKONING  
resonance absorption cross sections



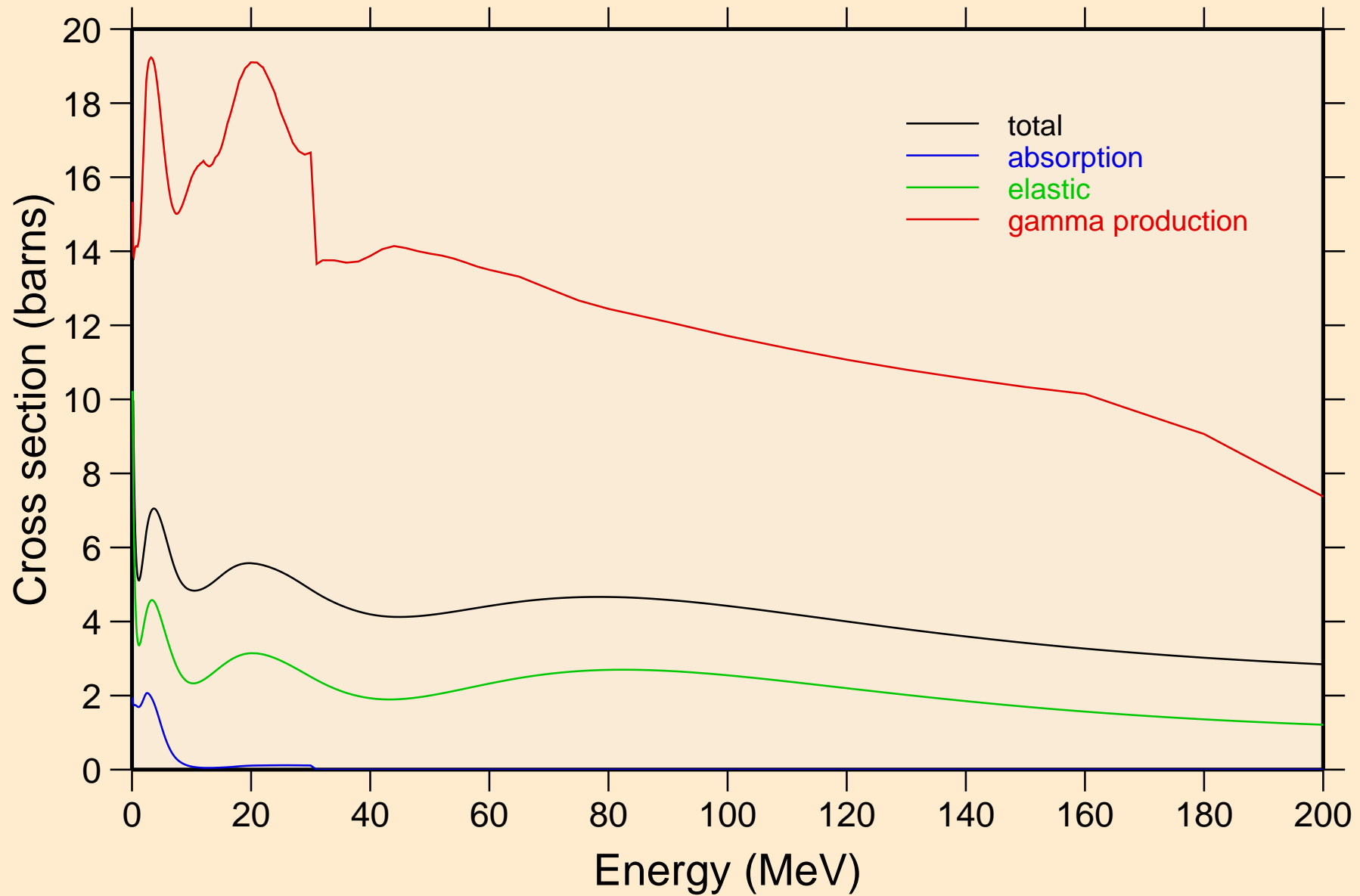
# HG191M NRG TENDL-2015, AKONING

## Non-threshold reactions



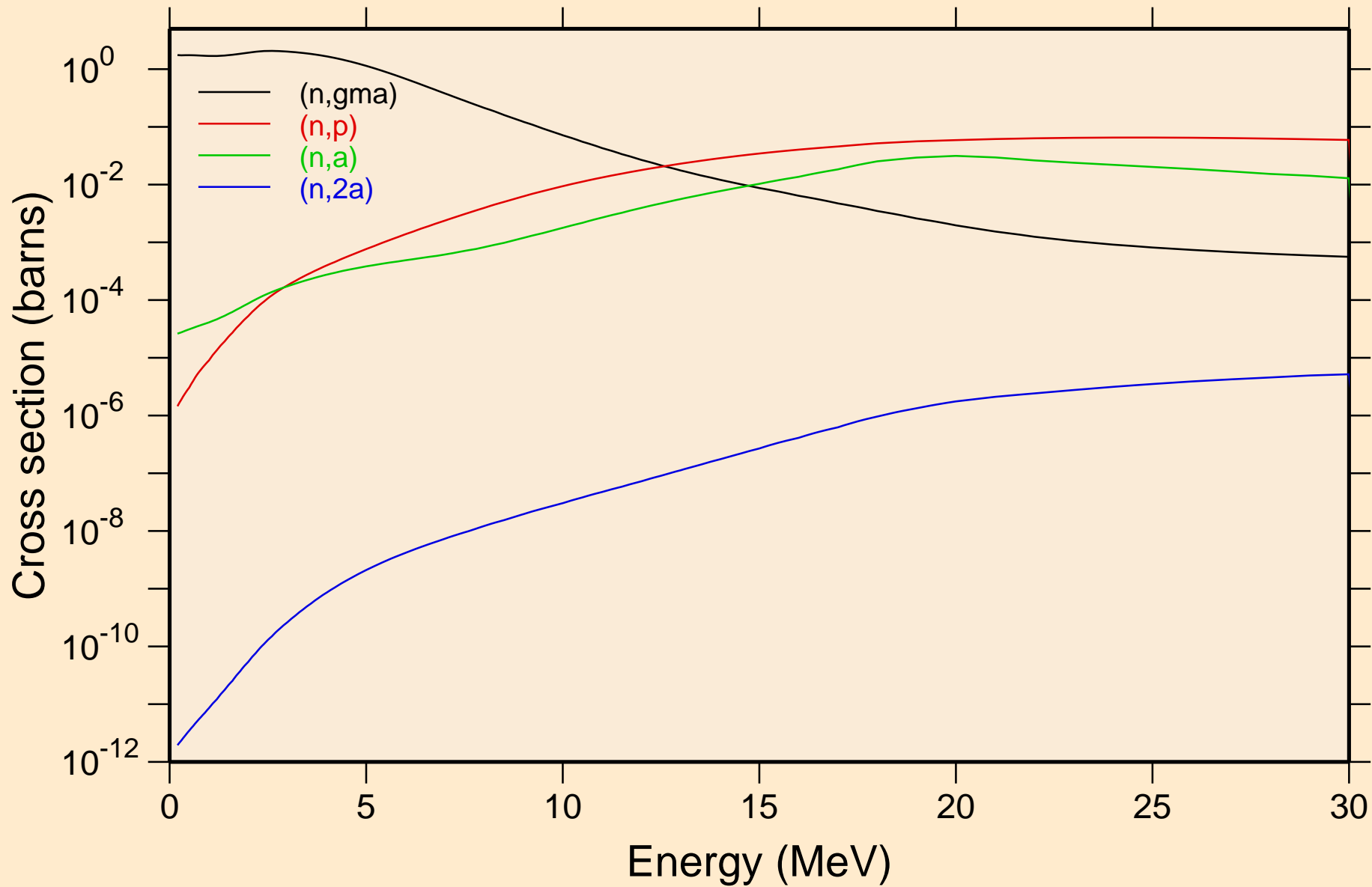
# HG191M NRG TENDL-2015, AKONING

## Principal cross sections



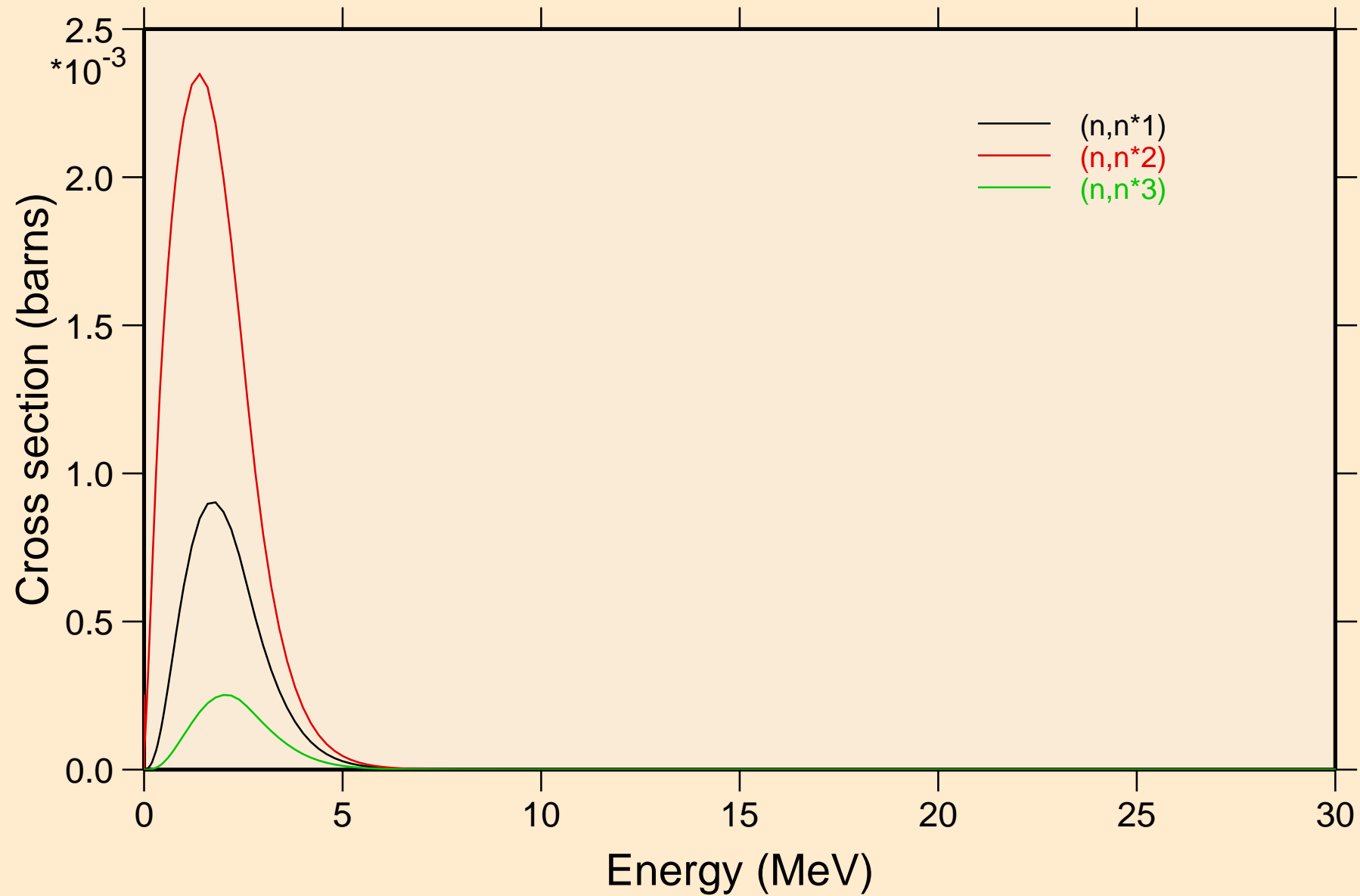
# HG191M NRG TENDL-2015, AKONING

## Non-threshold reactions



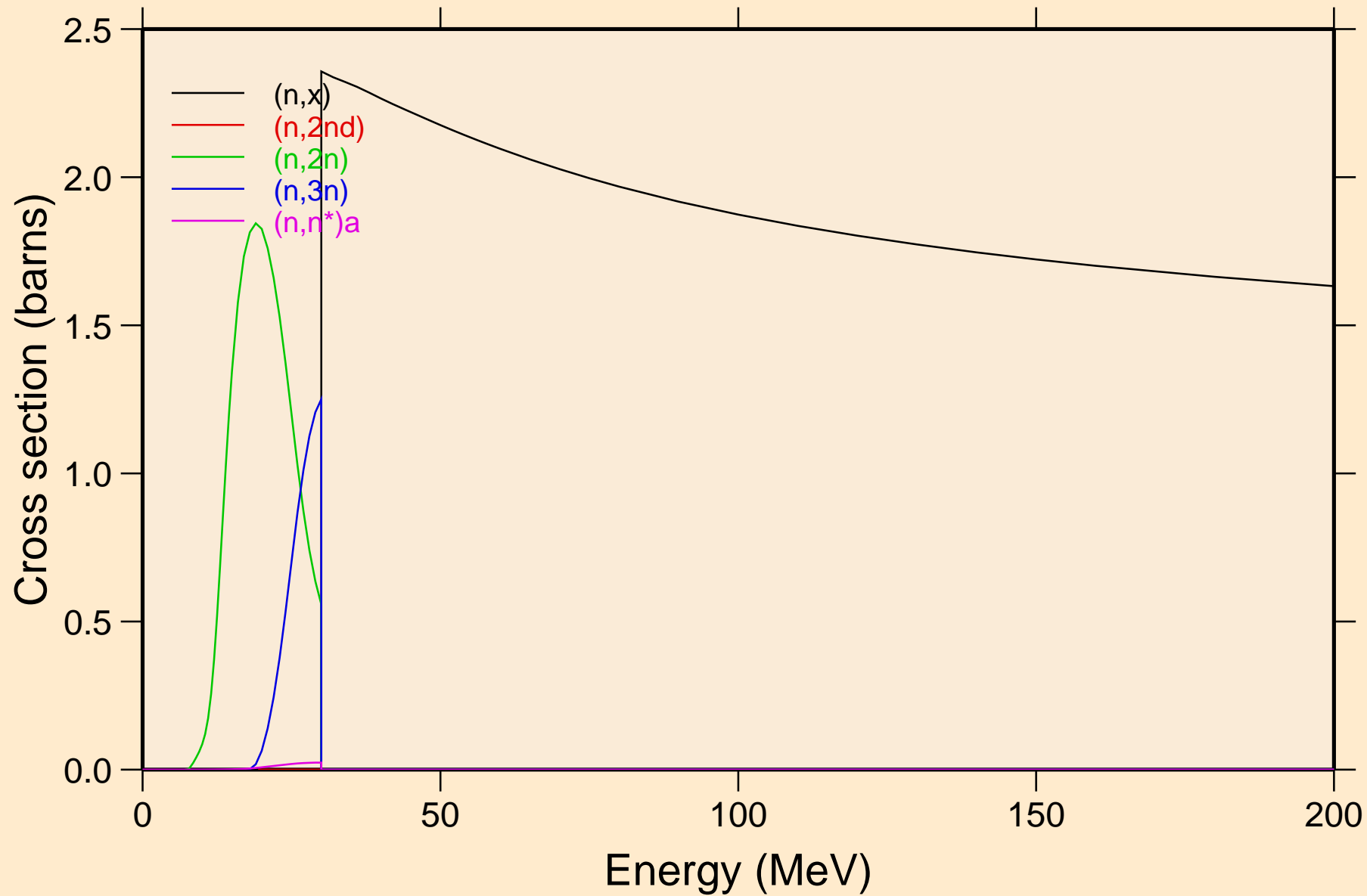
# HG191M NRG TENDL-2015, AKONING

## Inelastic levels



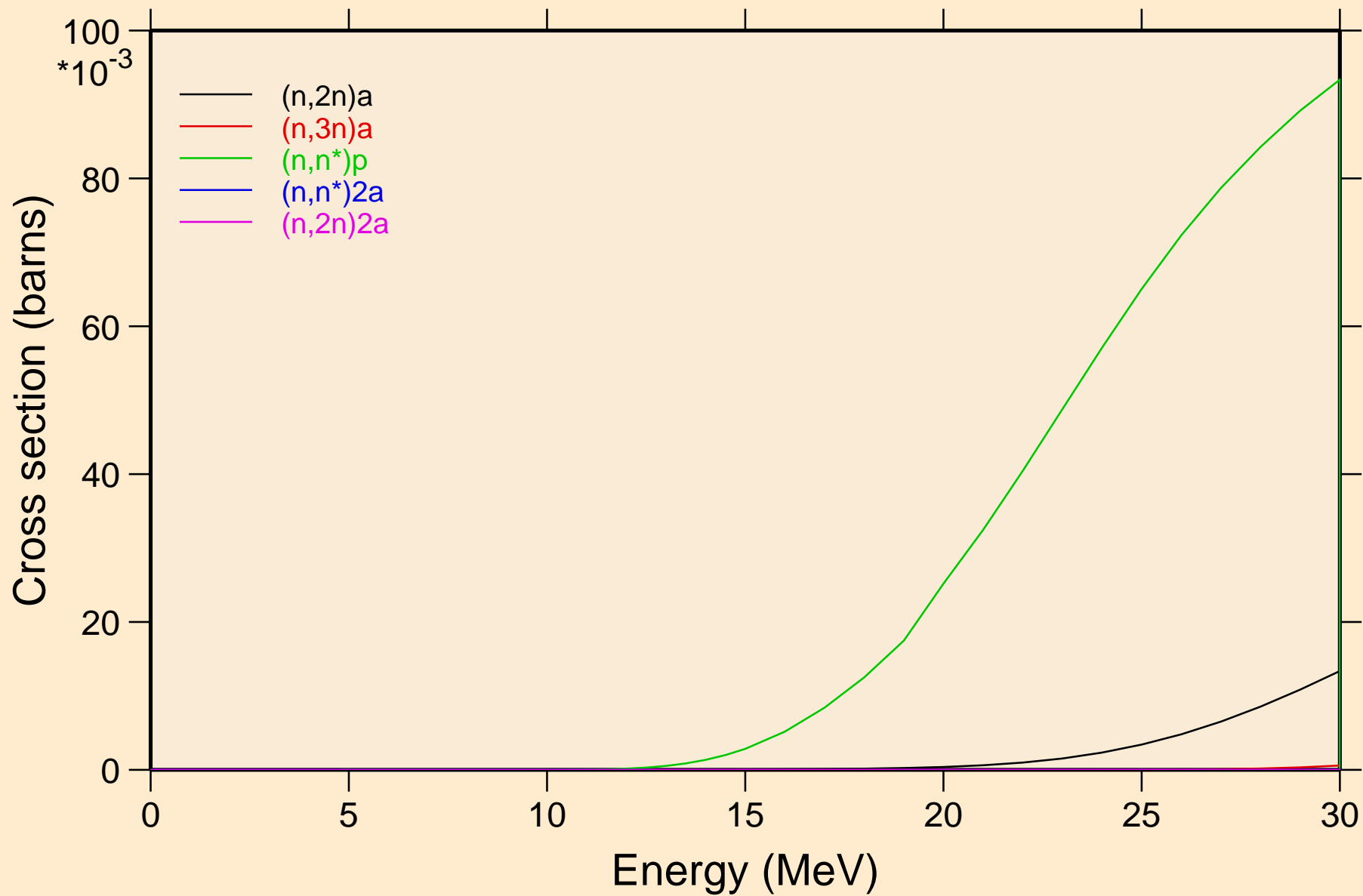
# HG191M NRG TENDL-2015, AKONING

## Threshold reactions



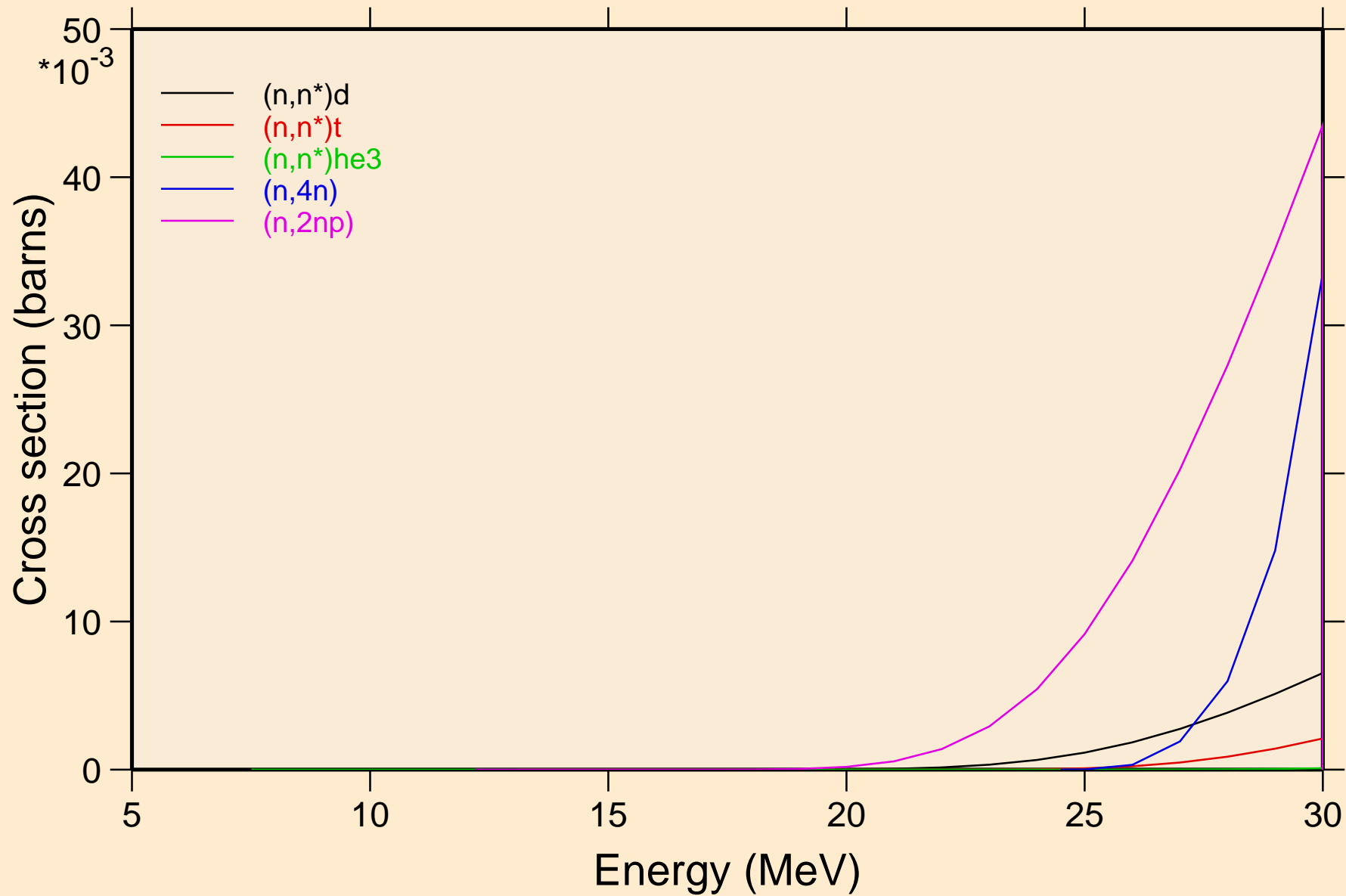
# HG191M NRG TENDL-2015, AKONING

## Threshold reactions



# HG191M NRG TENDL-2015, AKONING

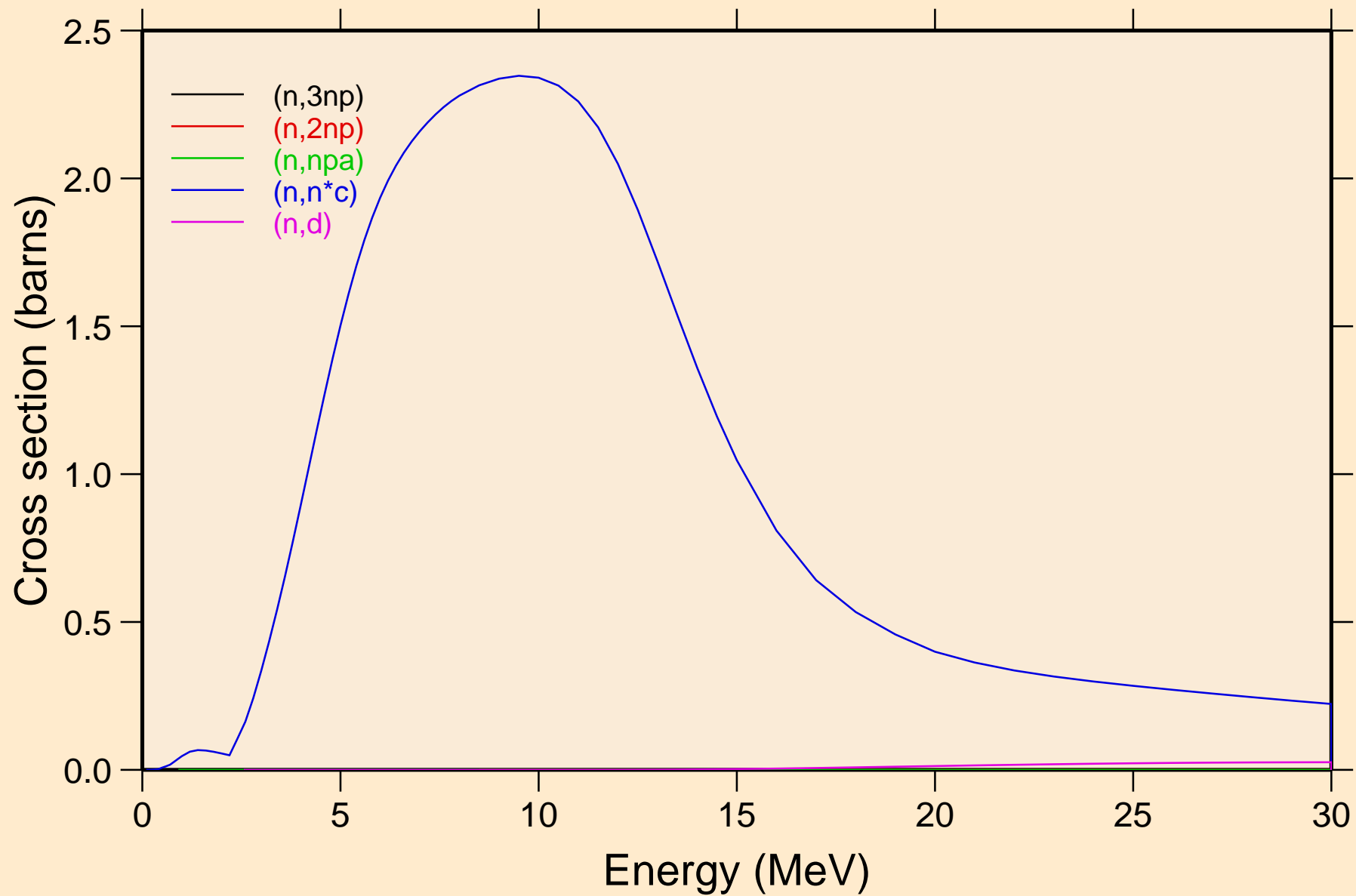
## Threshold reactions





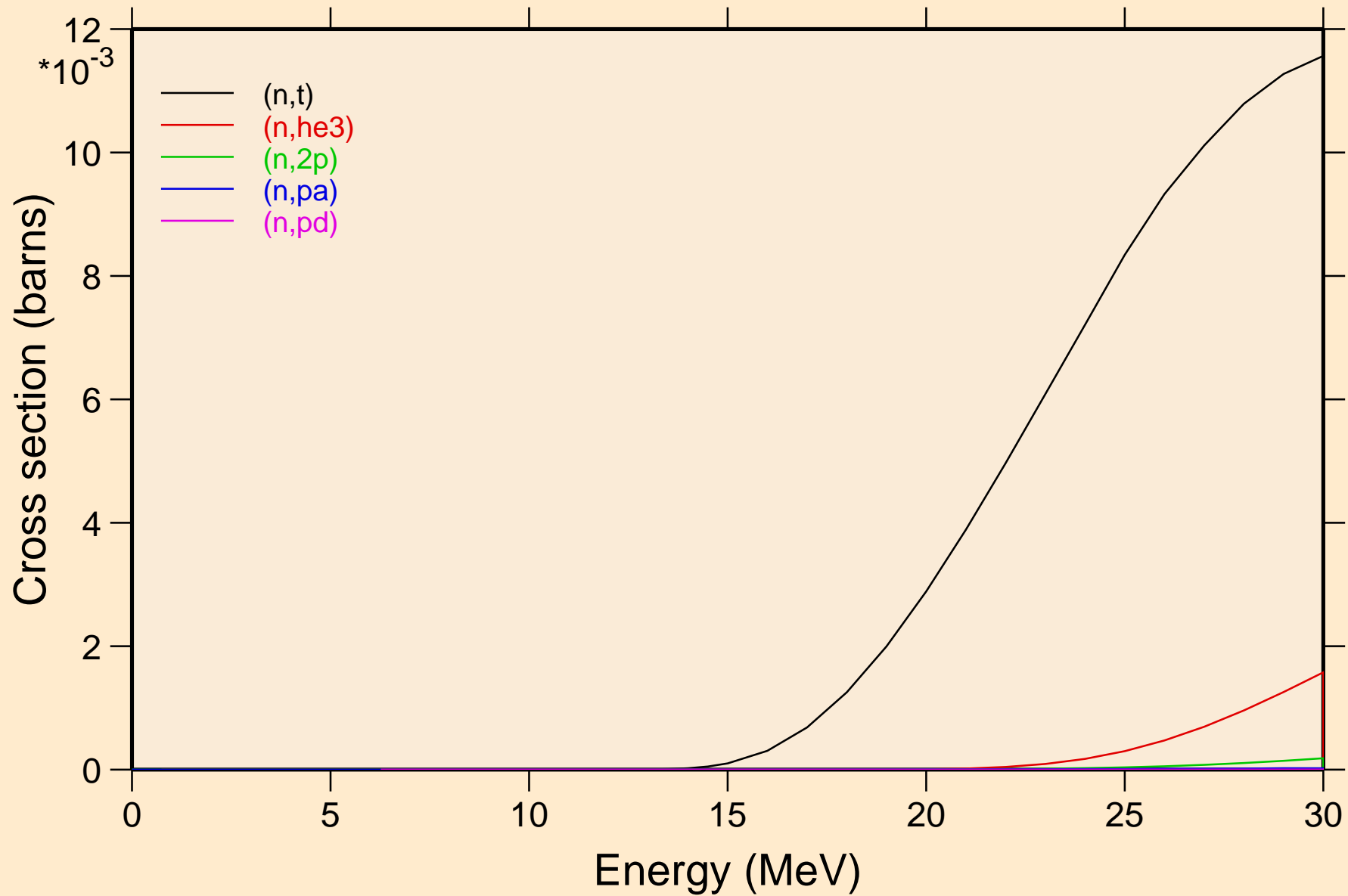
# HG191M NRG TENDL-2015, AKONING

## Threshold reactions



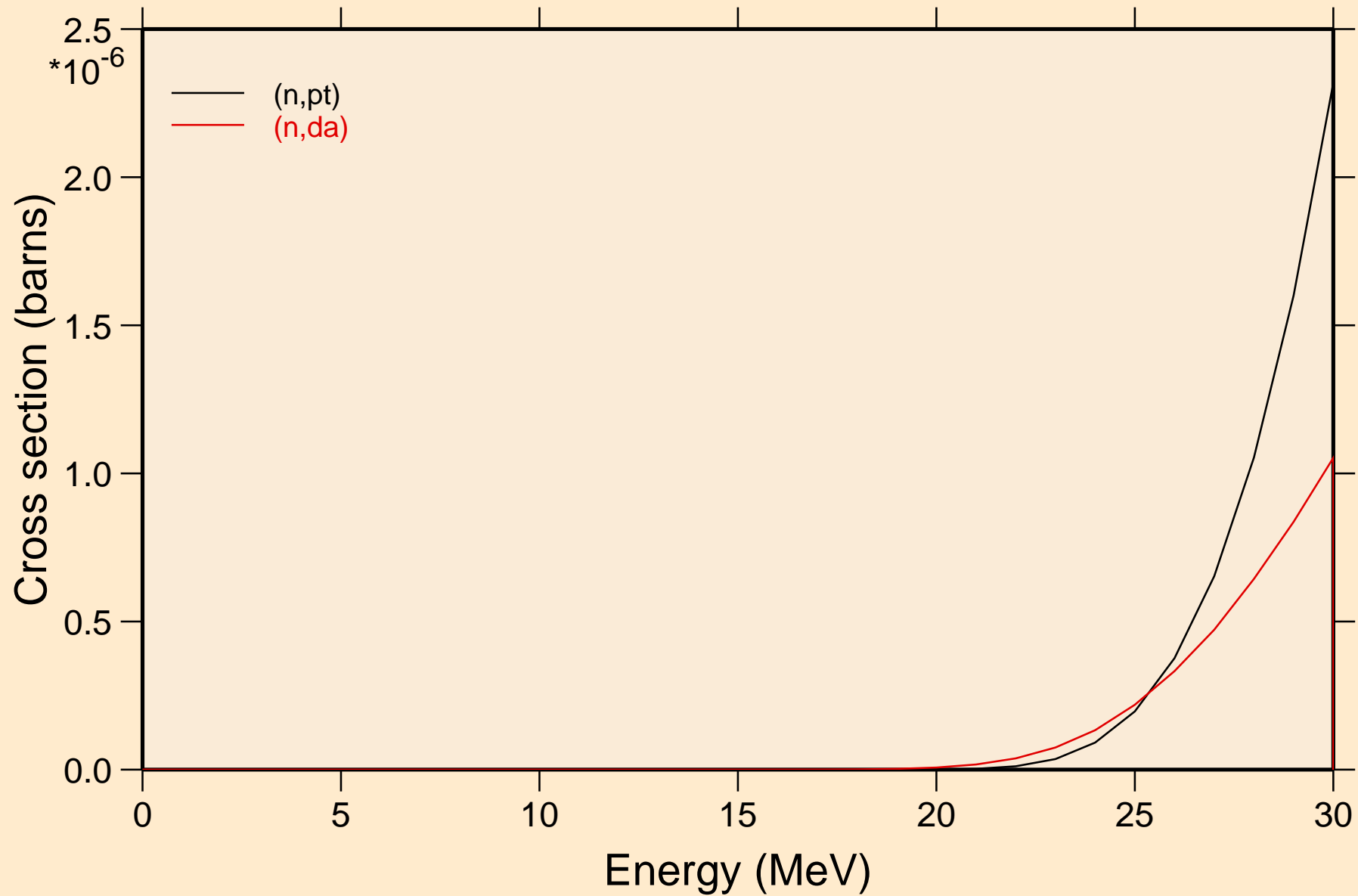
# HG191M NRG TENDL-2015, AKONING

## Threshold reactions

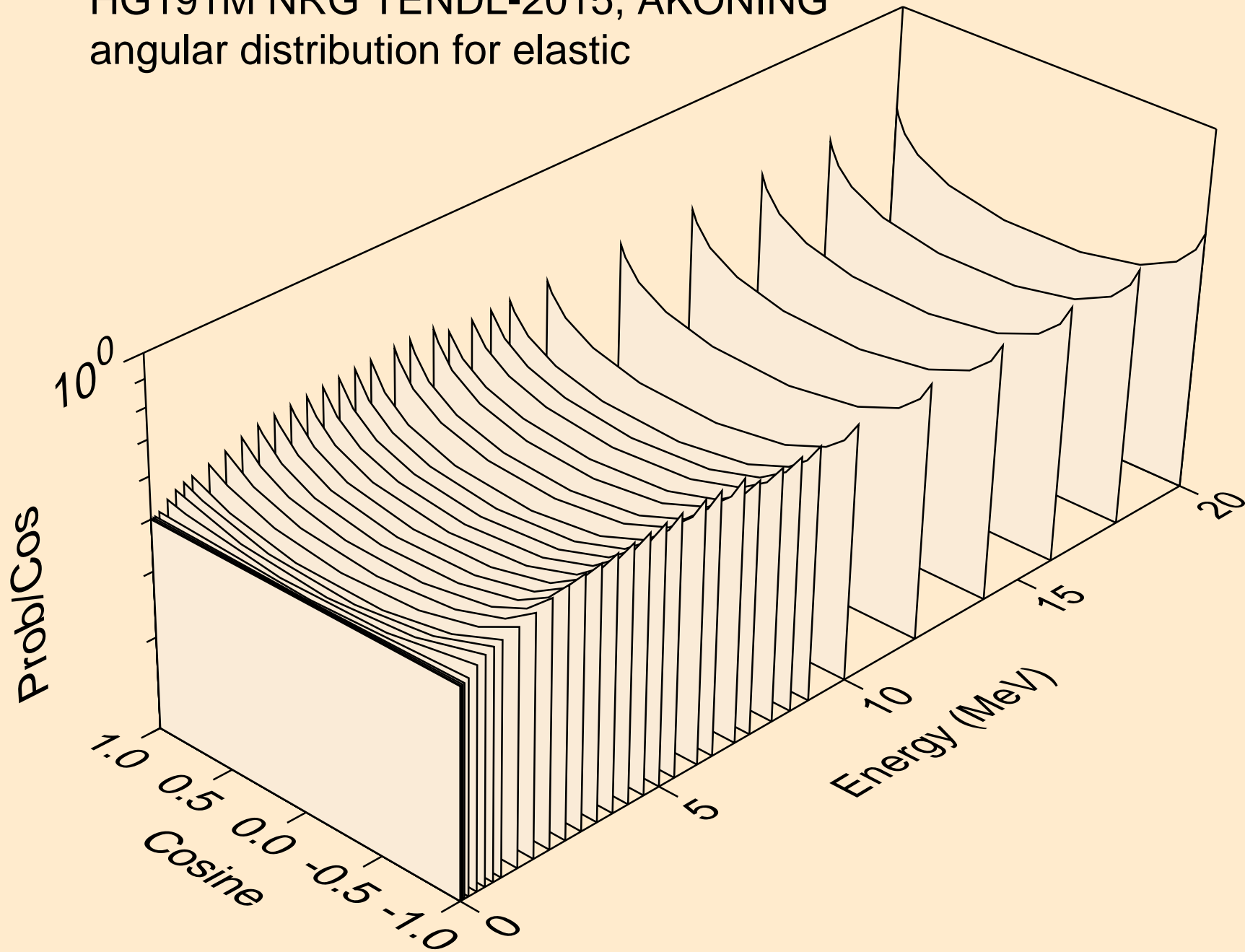


# HG191M NRG TENDL-2015, AKONING

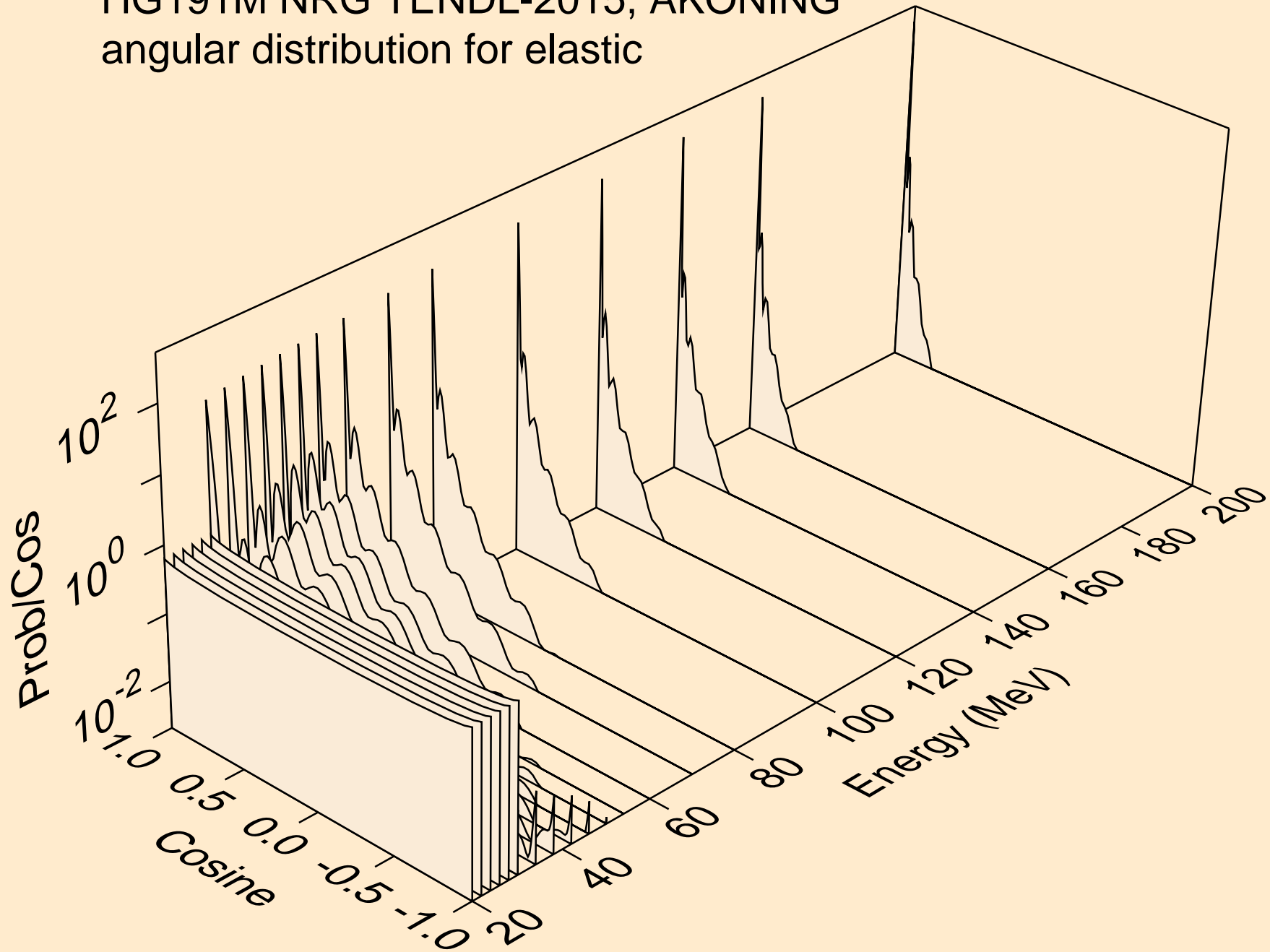
## Threshold reactions



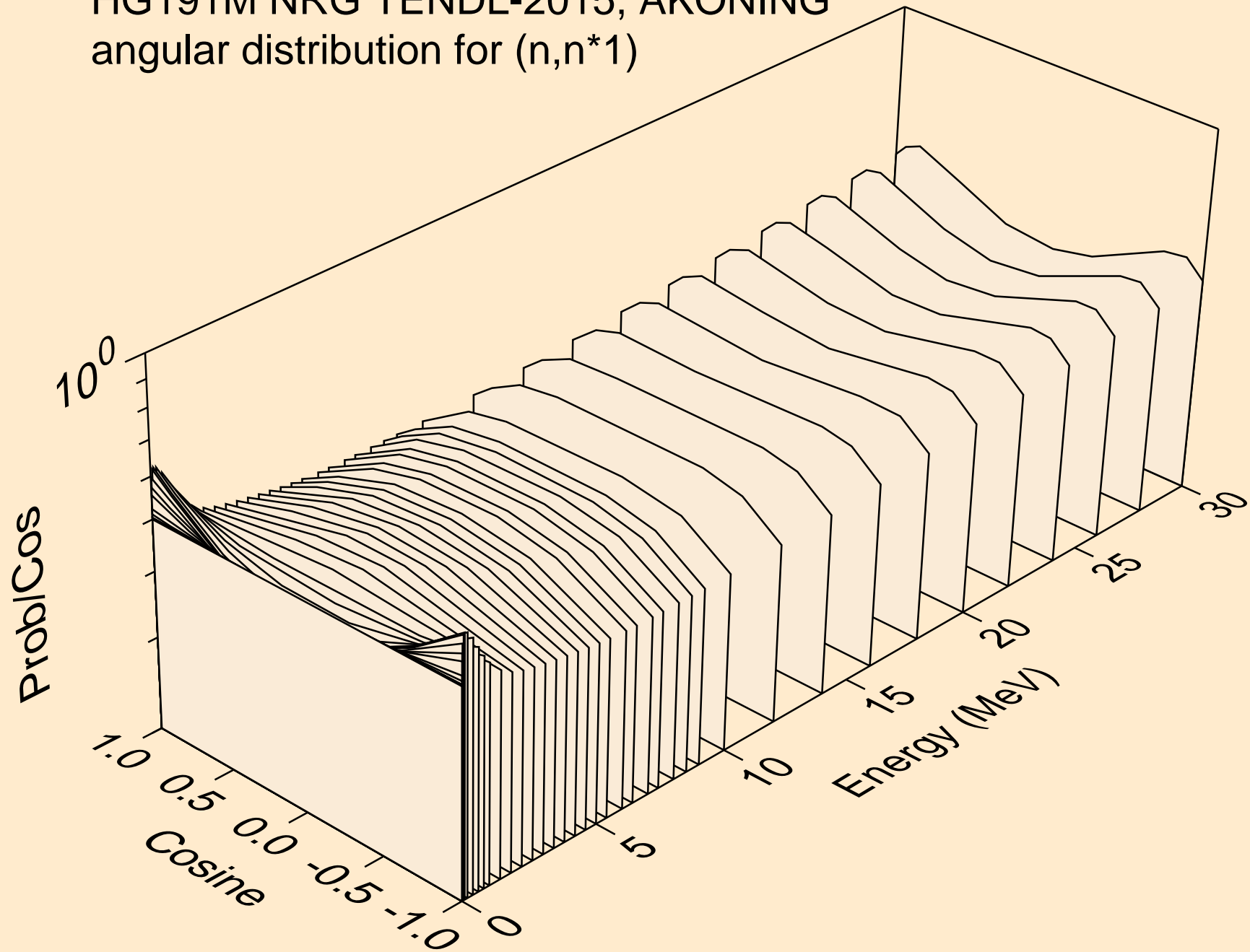
HG191M NRG TENDL-2015, AKONING  
angular distribution for elastic



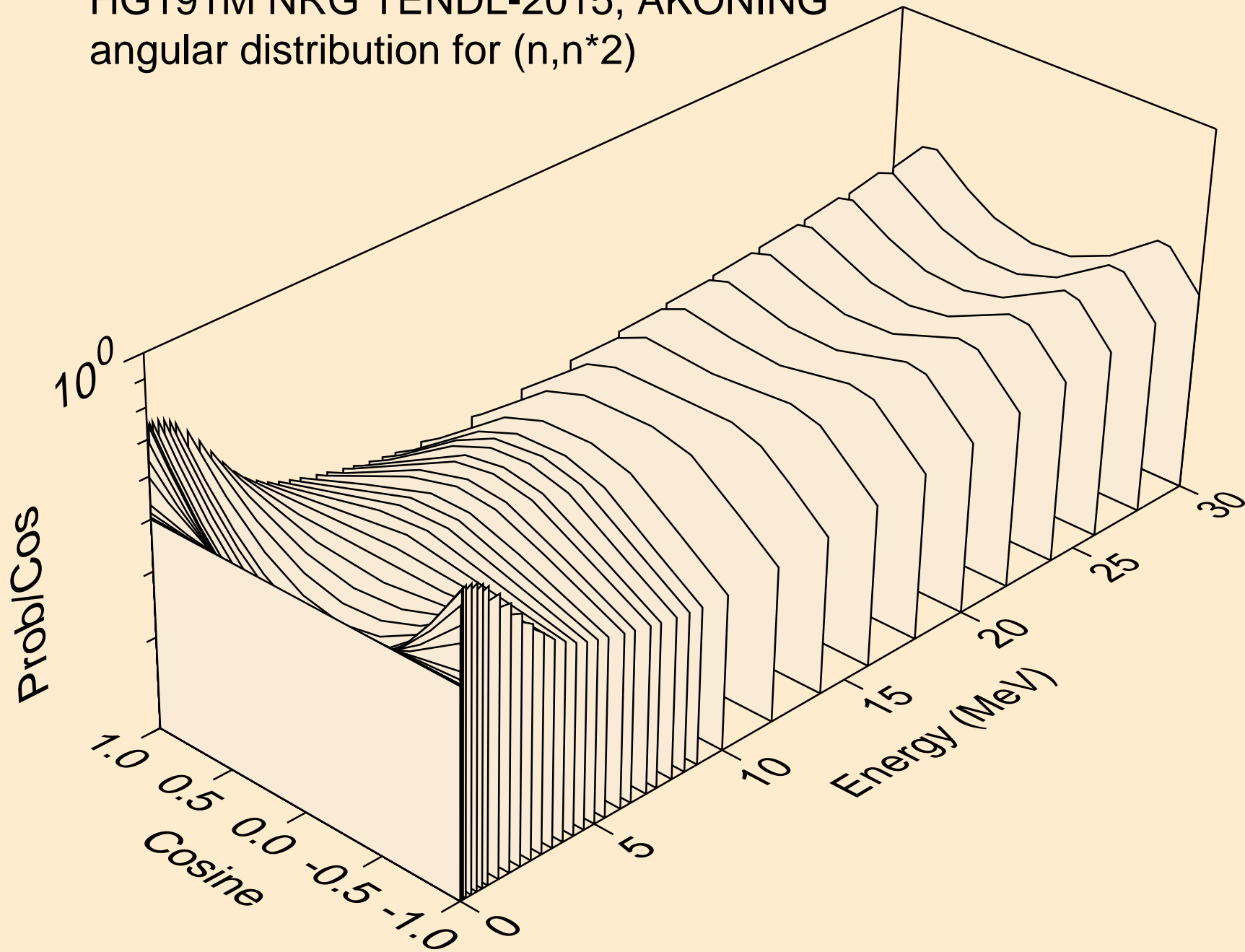
HG191M NRG TENDL-2015, AKONING  
angular distribution for elastic



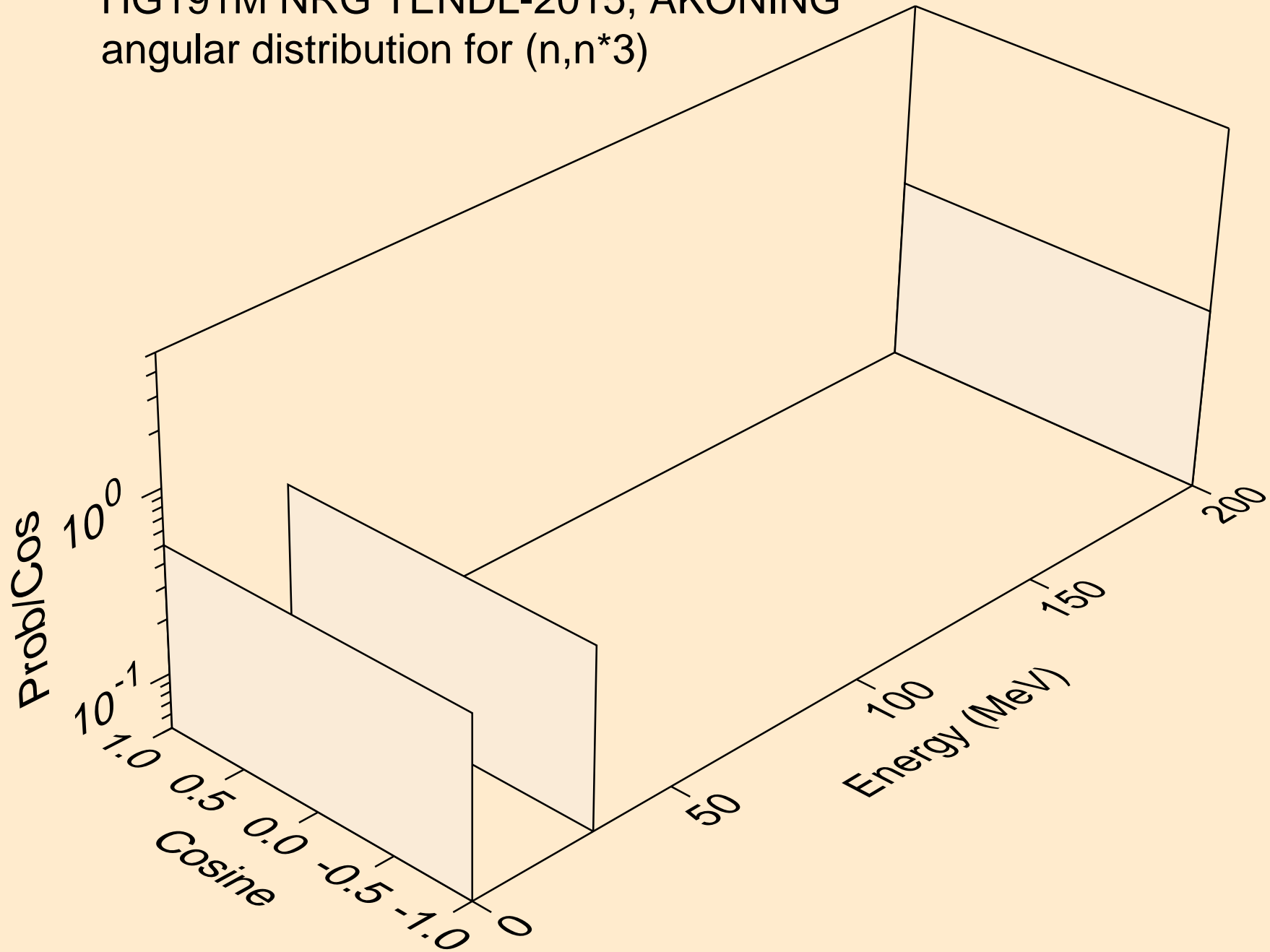
HG191M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



HG191M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

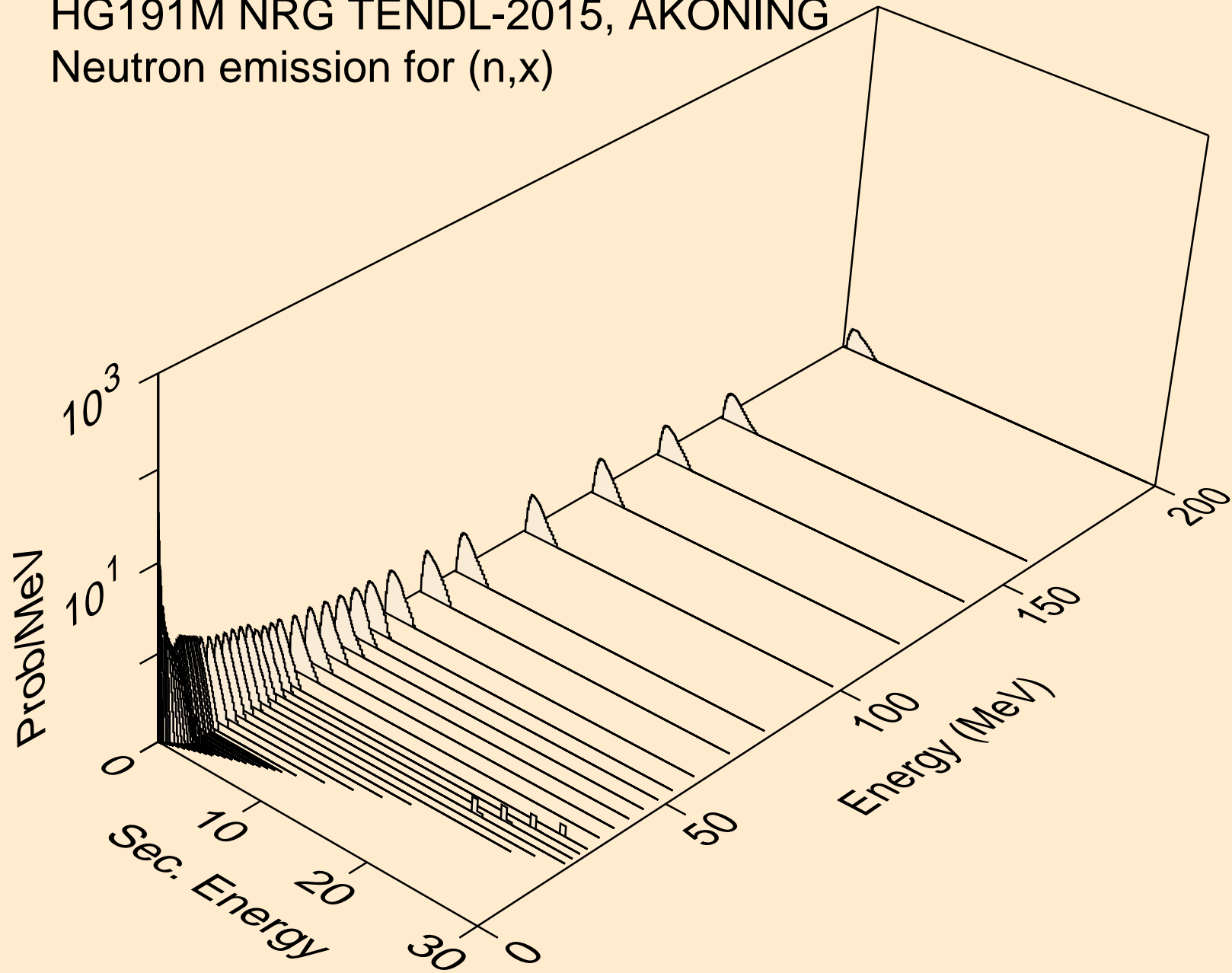


HG191M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

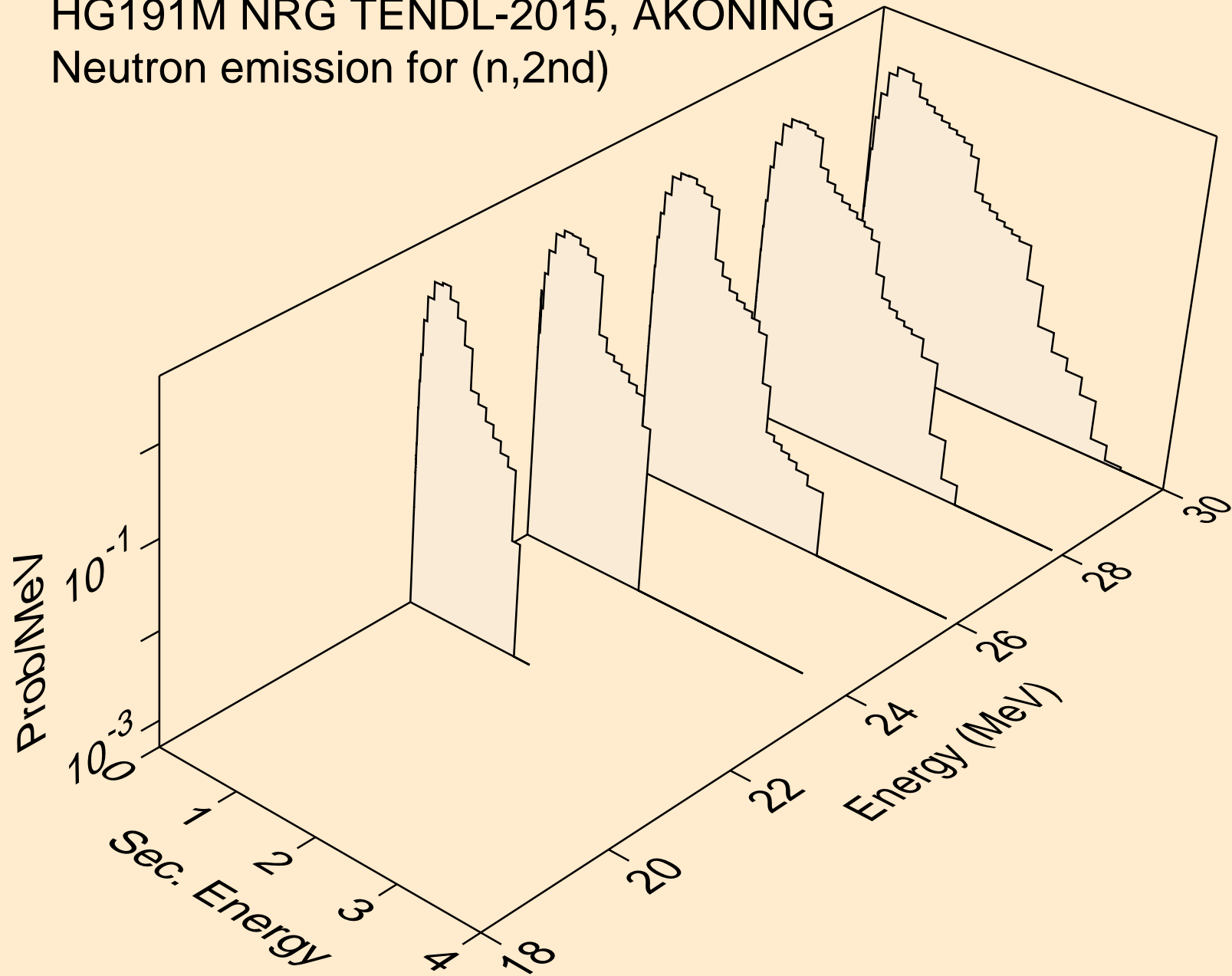




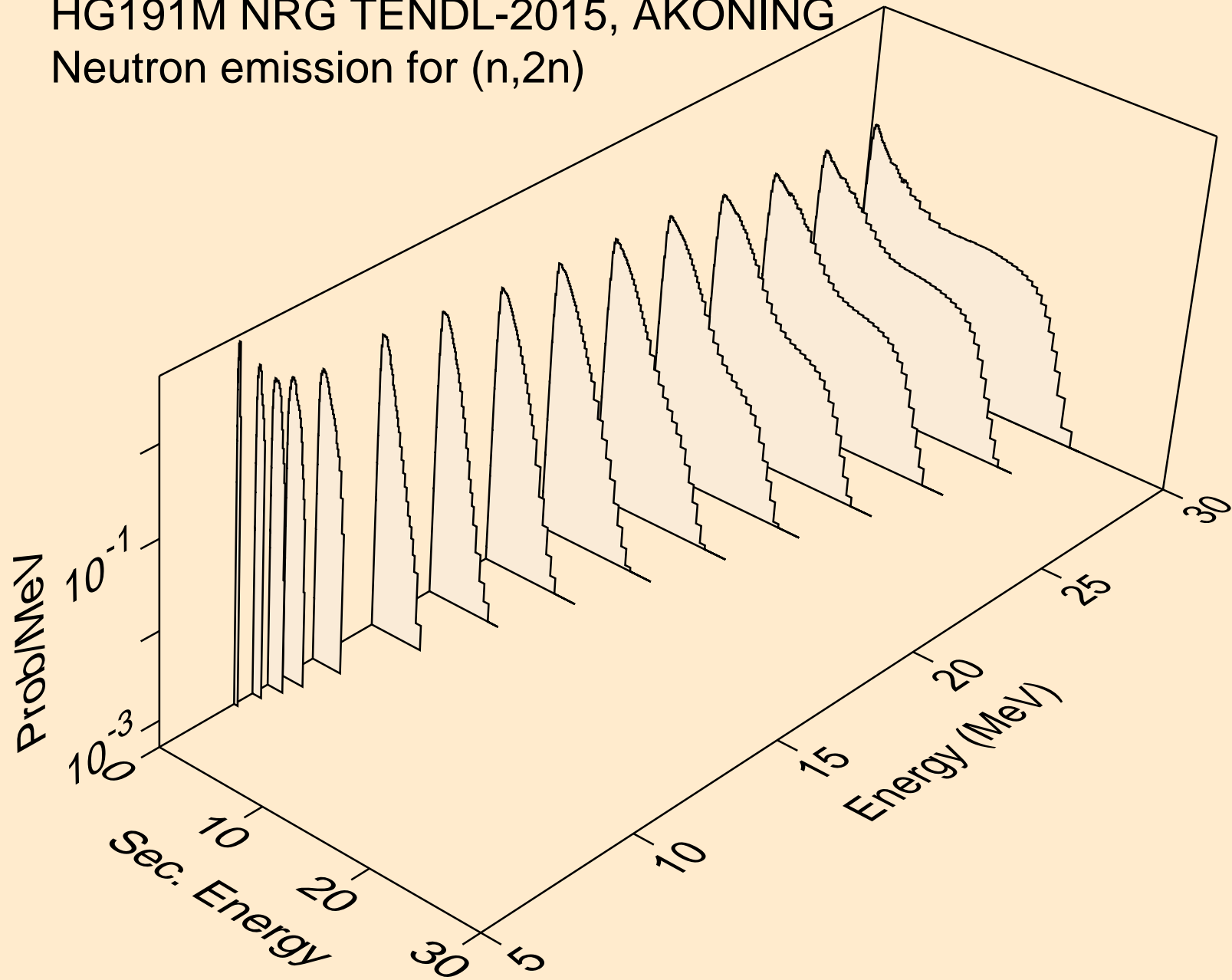
HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



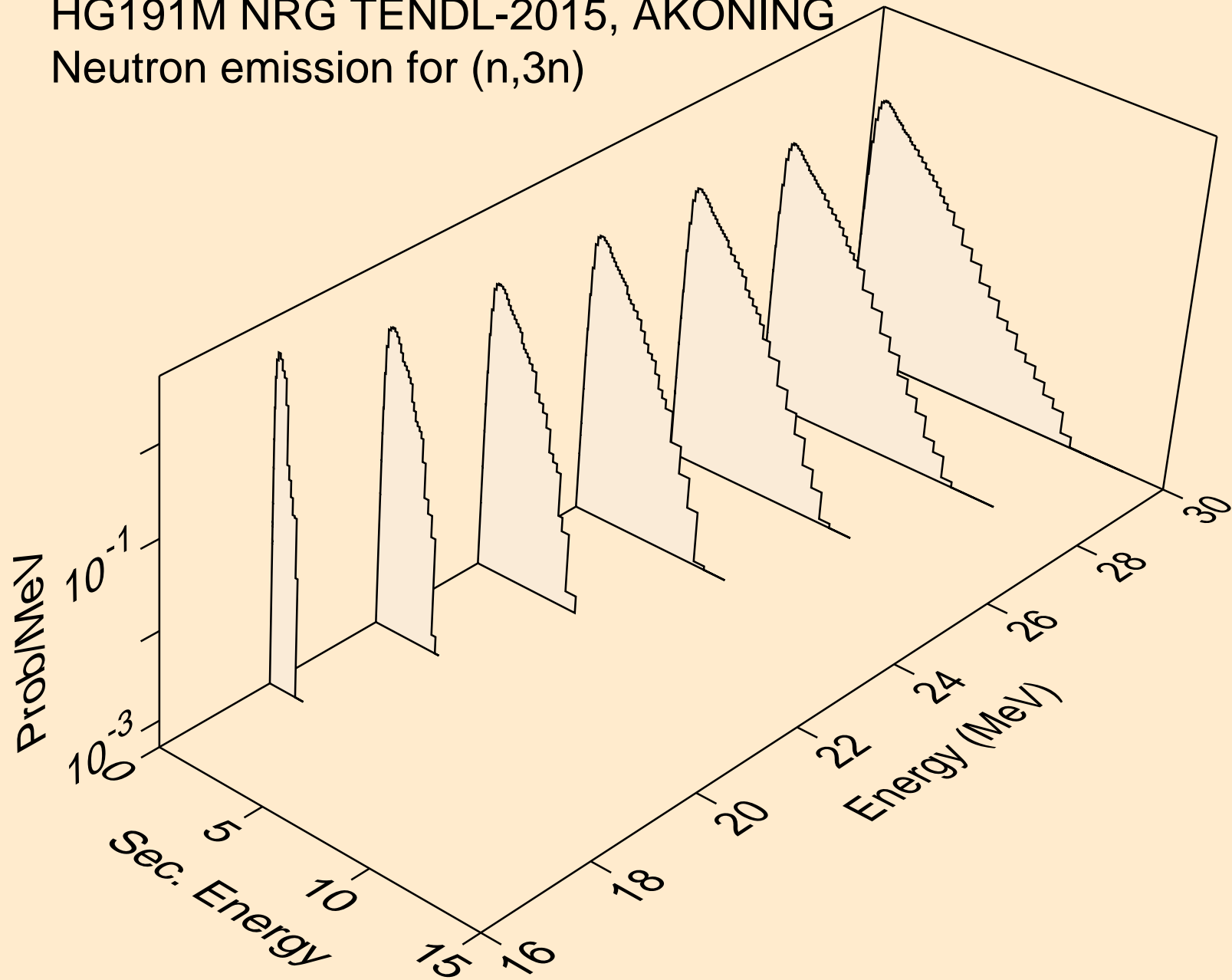
HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



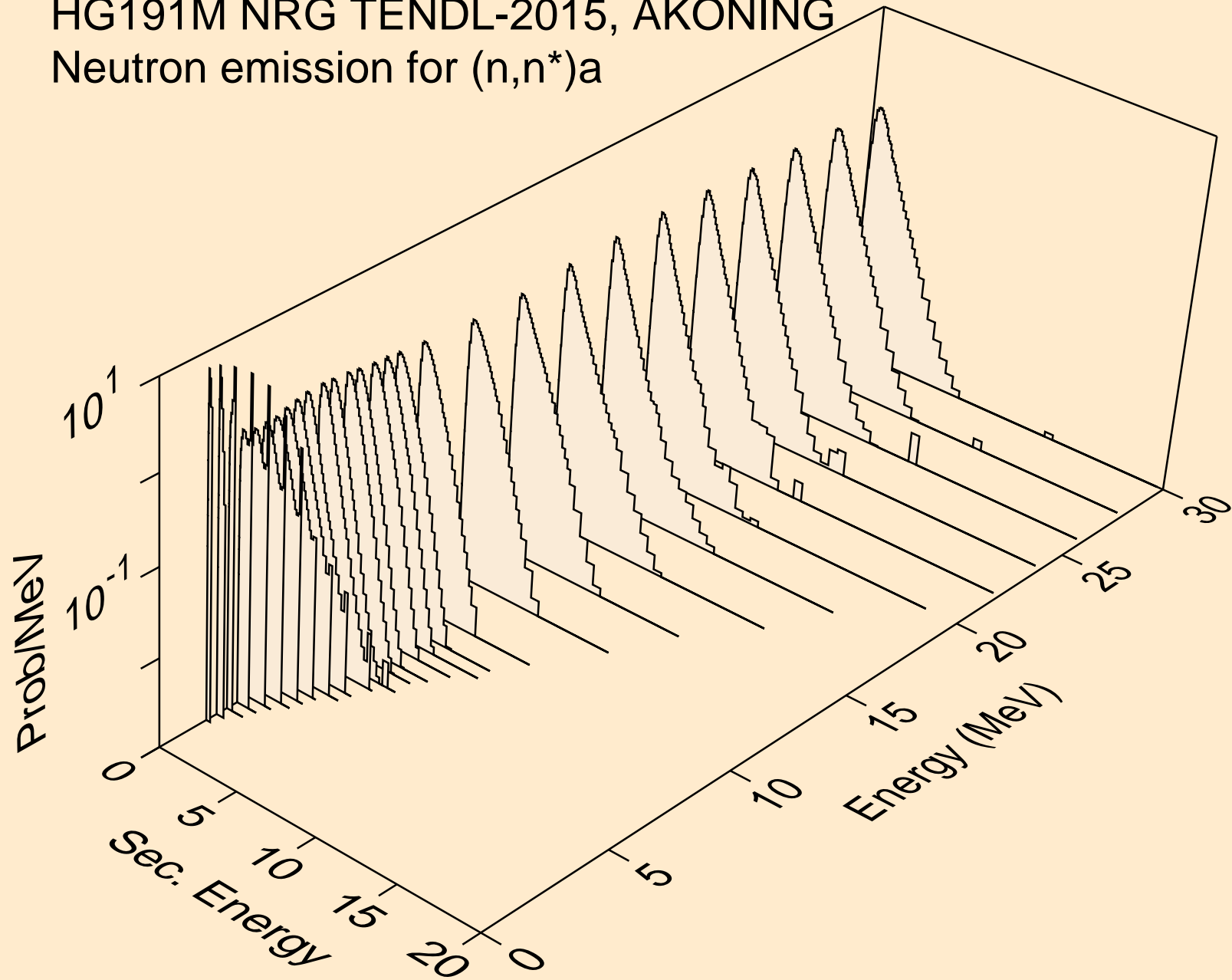
HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



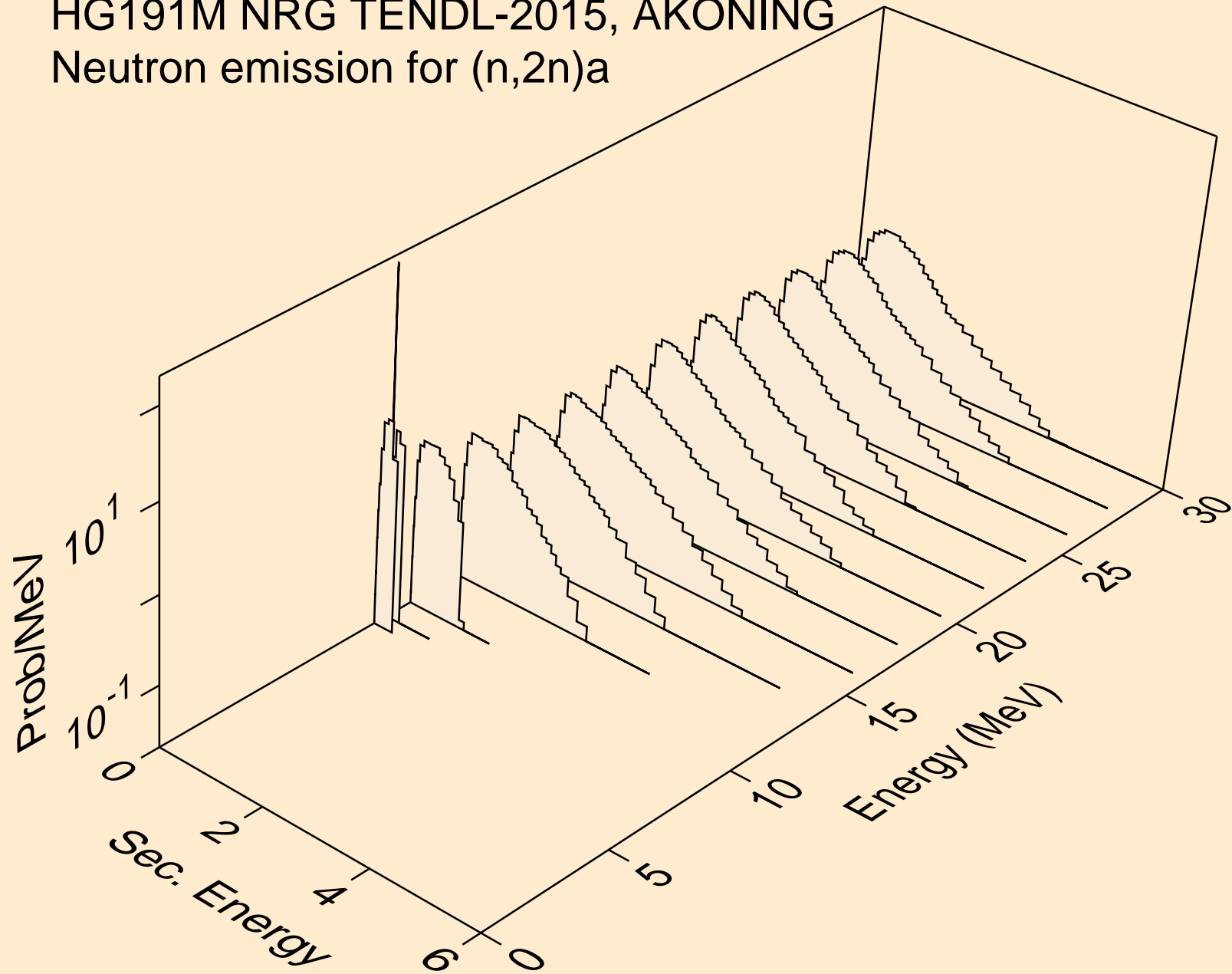
HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



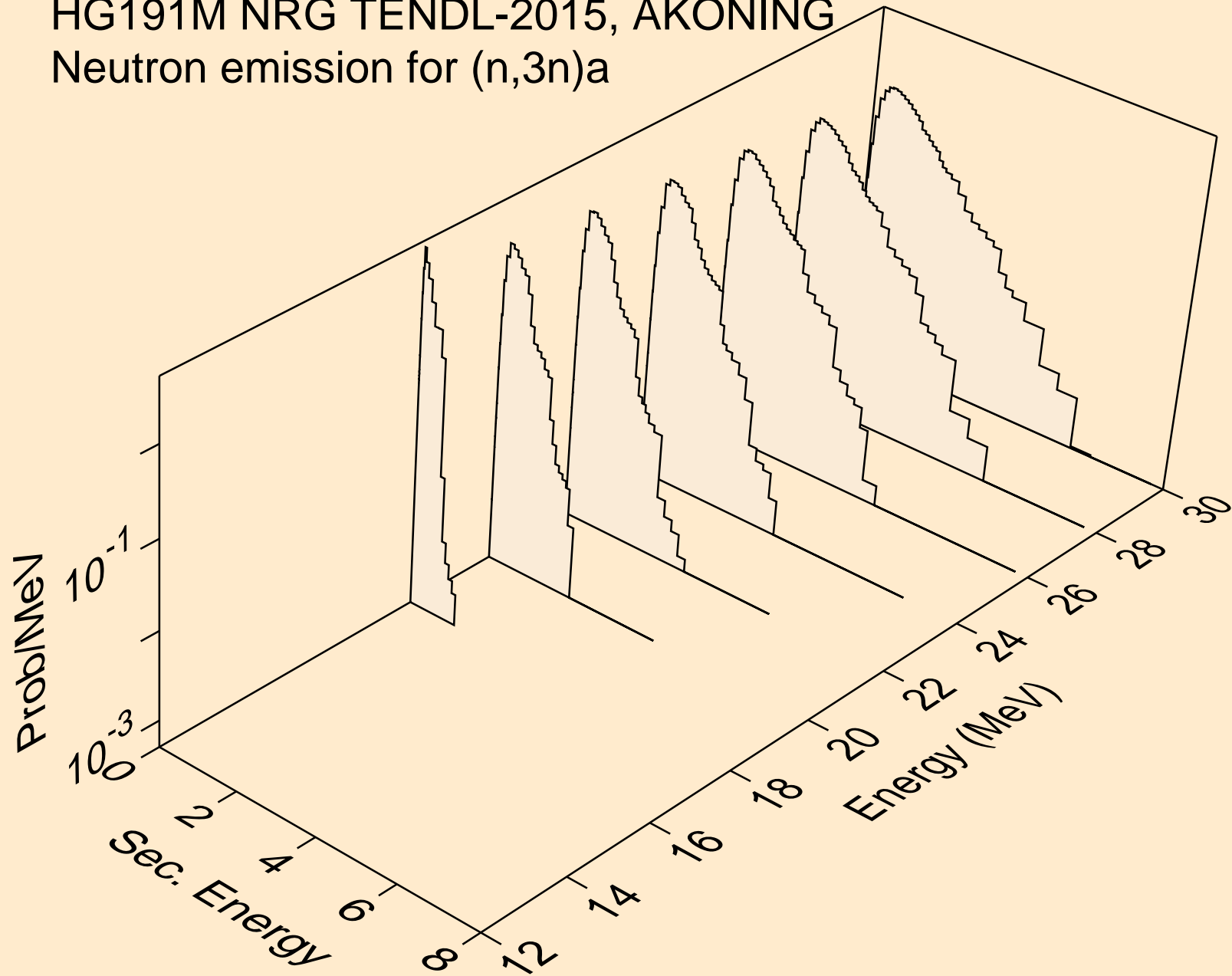
HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



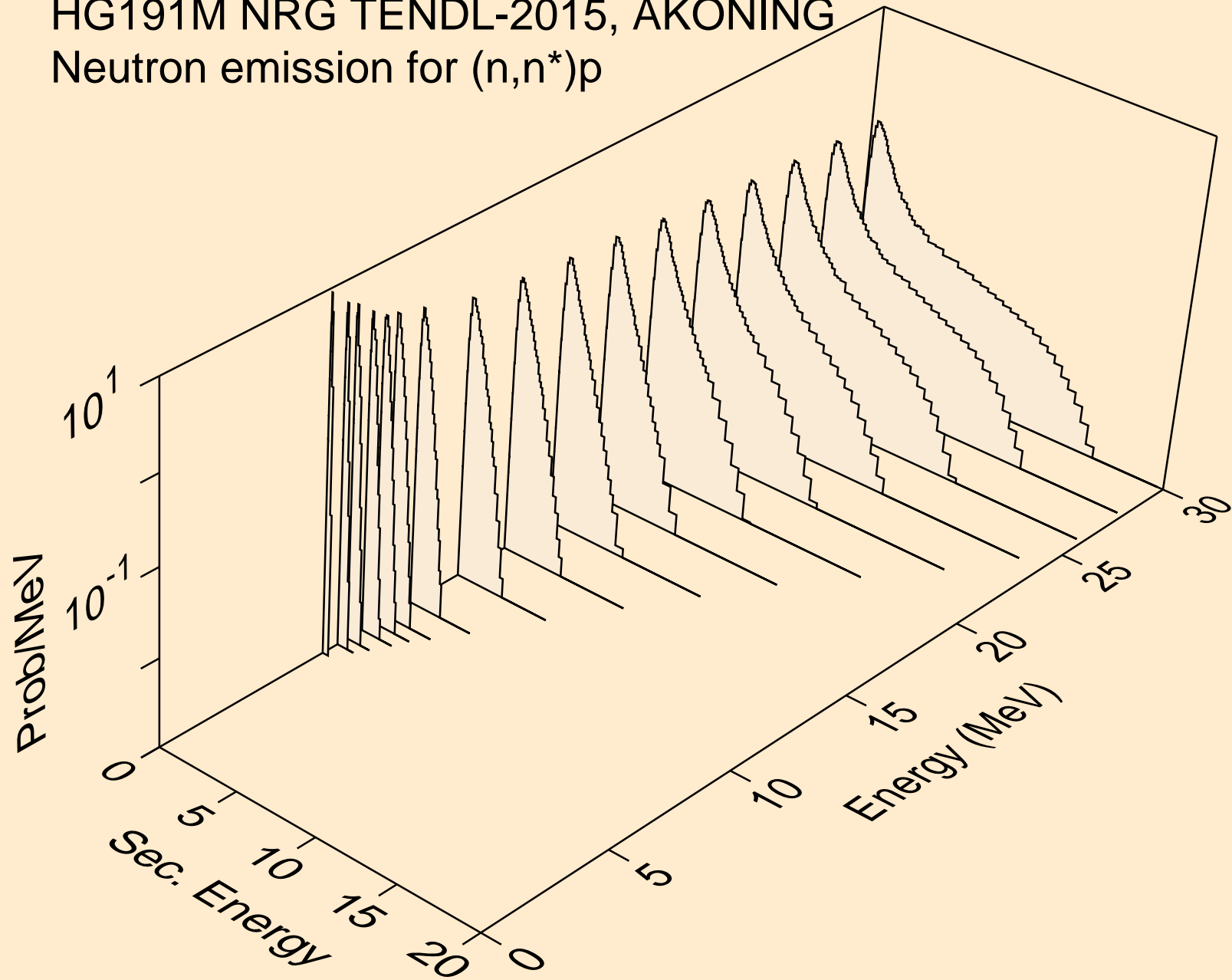
HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

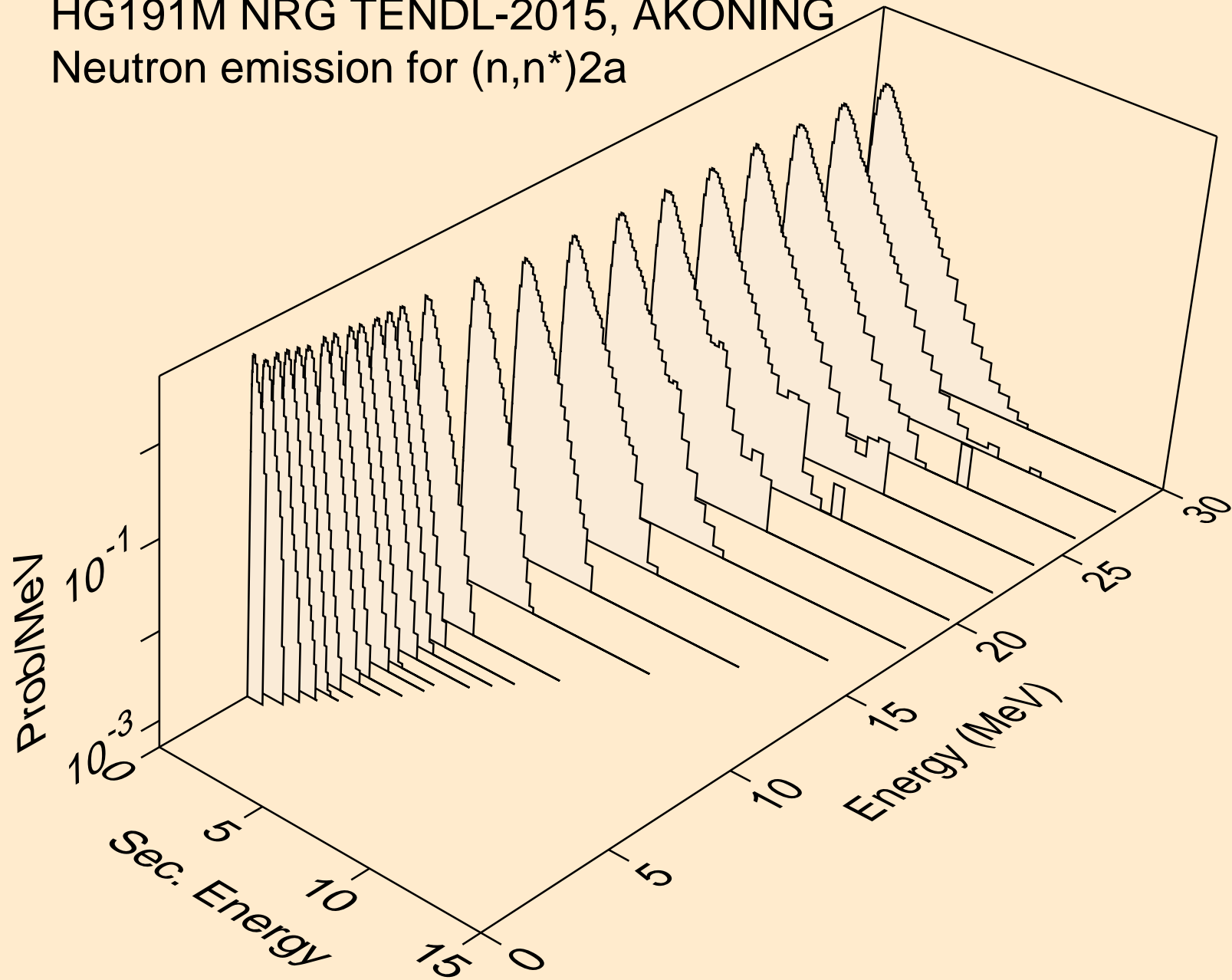


HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

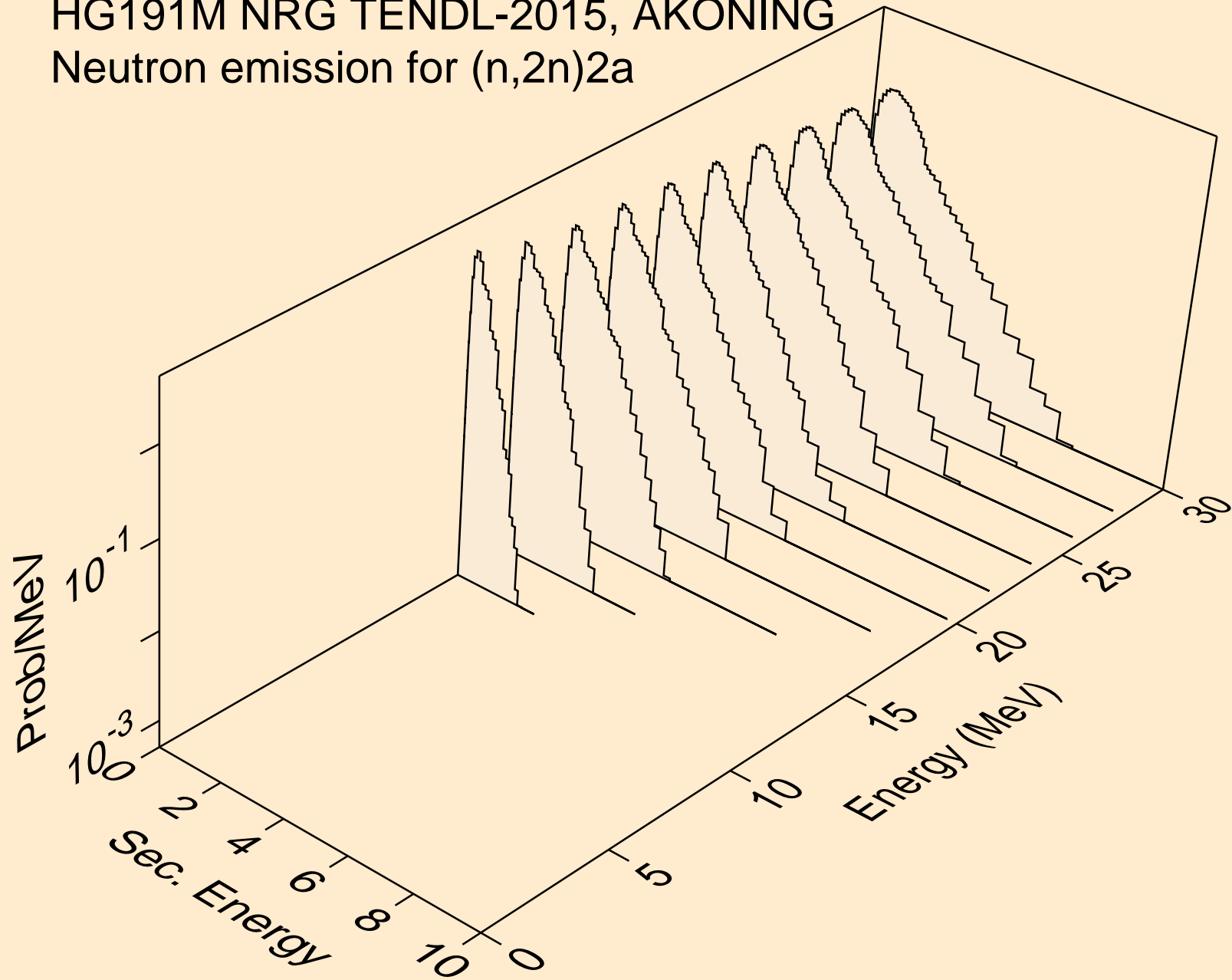




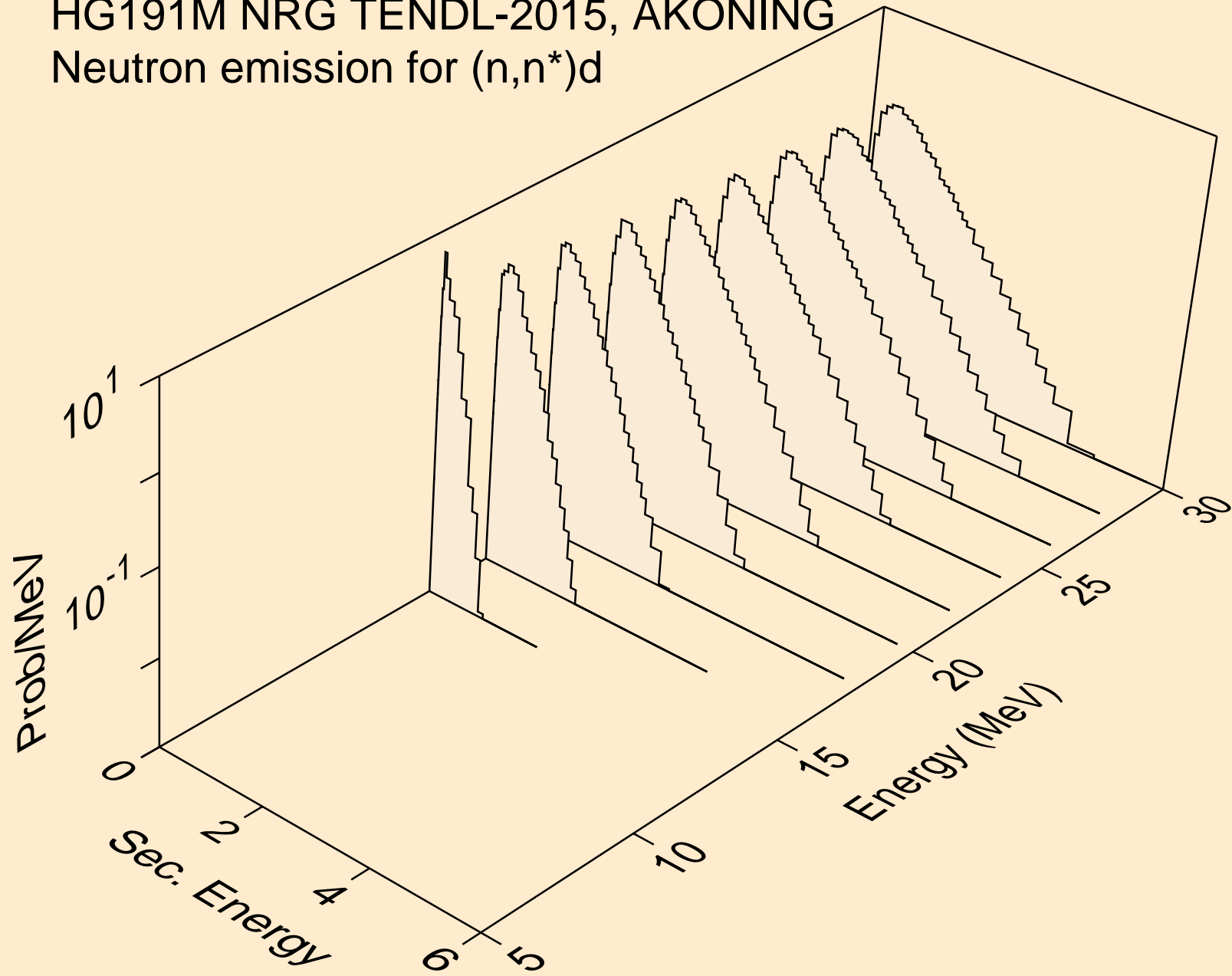
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Neutron emission for (n,n\*)2a



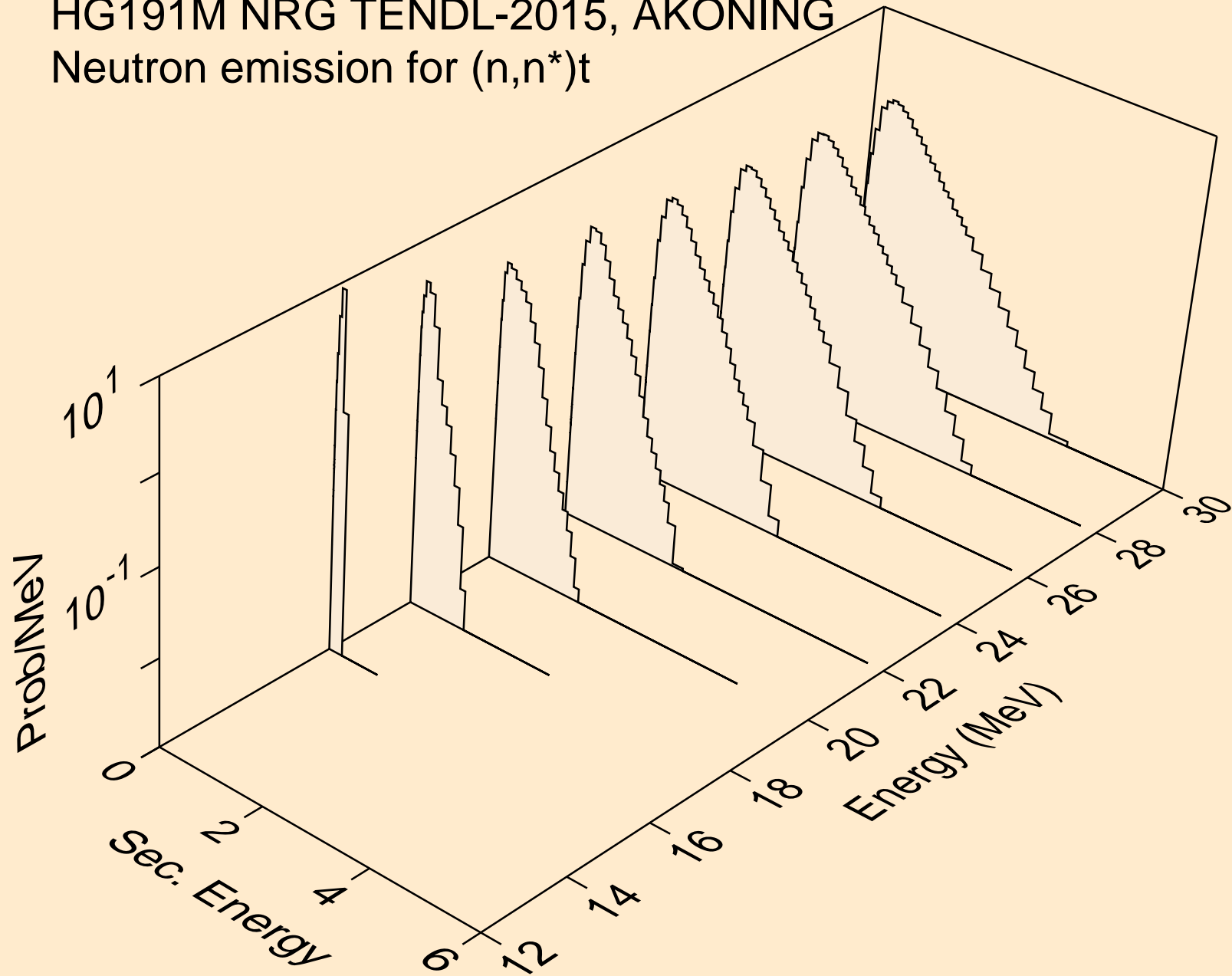
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Neutron emission for (n,2n)2a



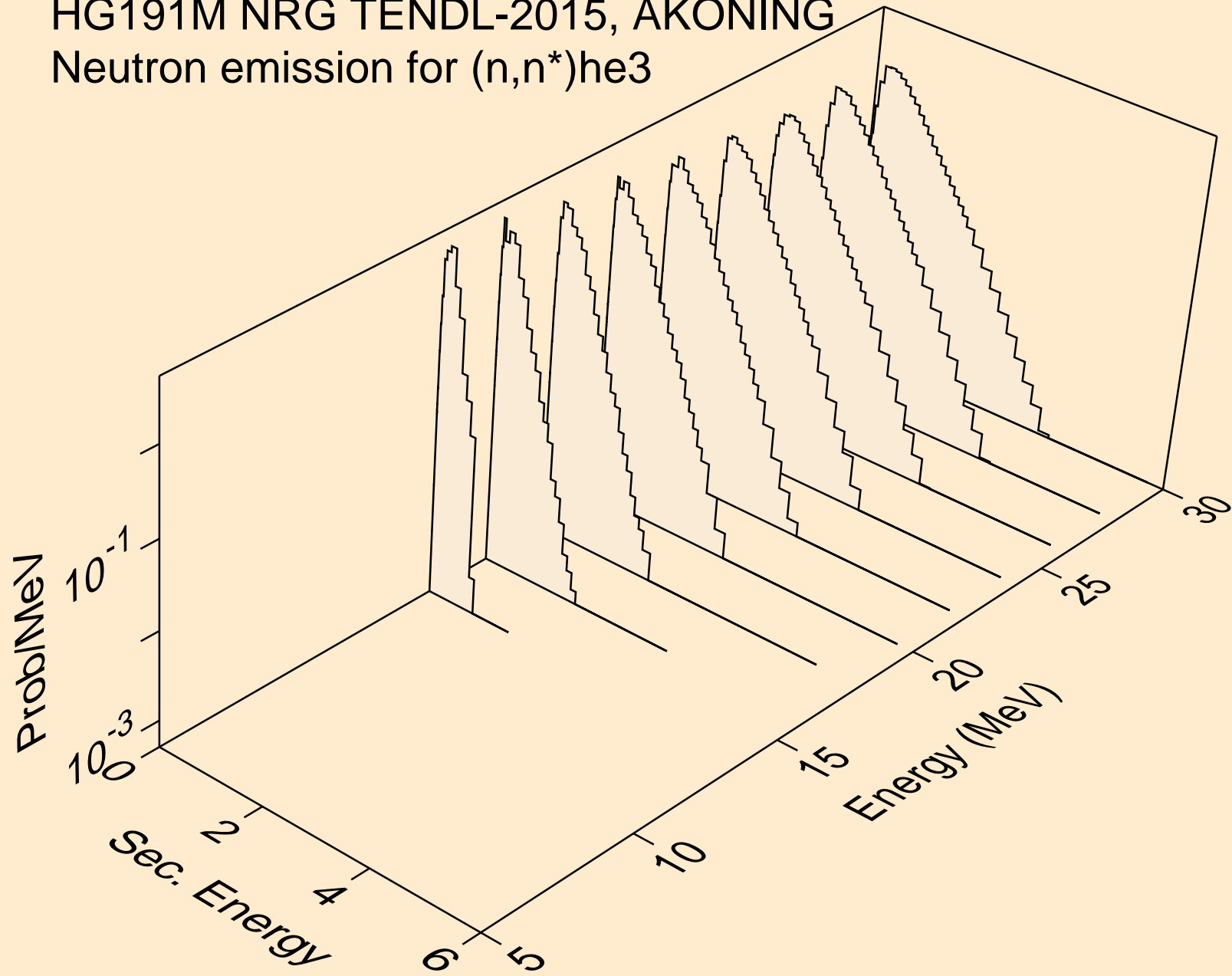
HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



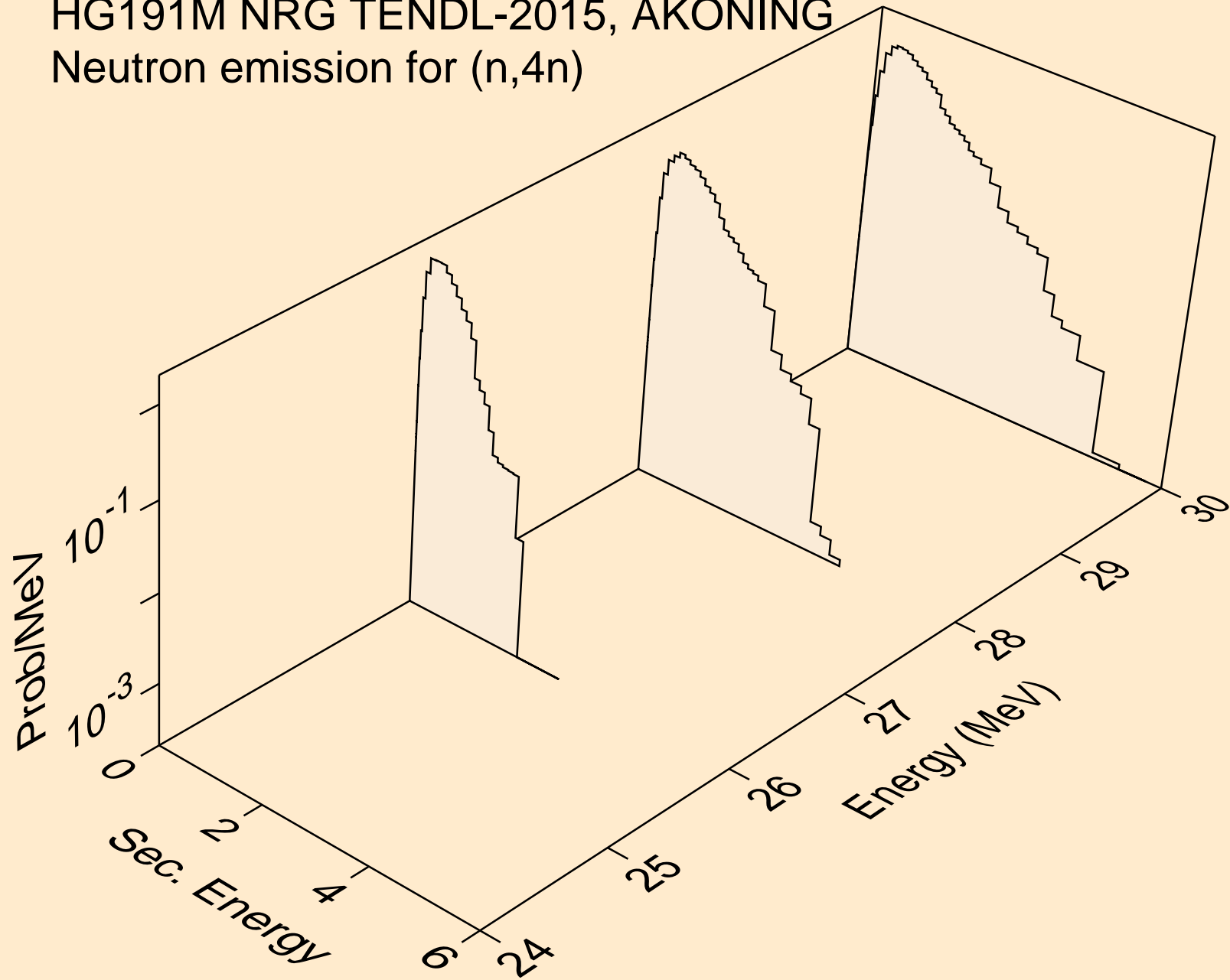
HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



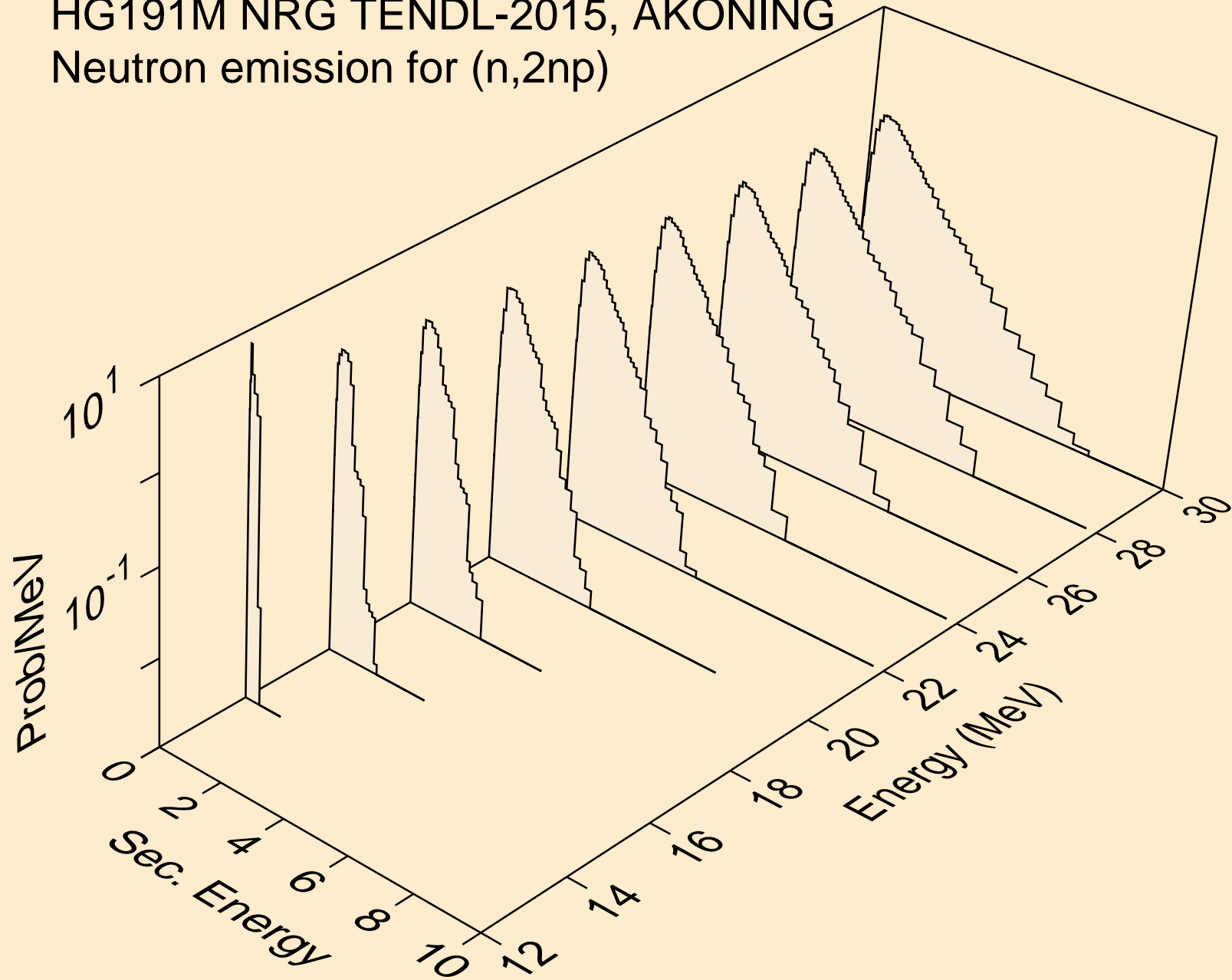
HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



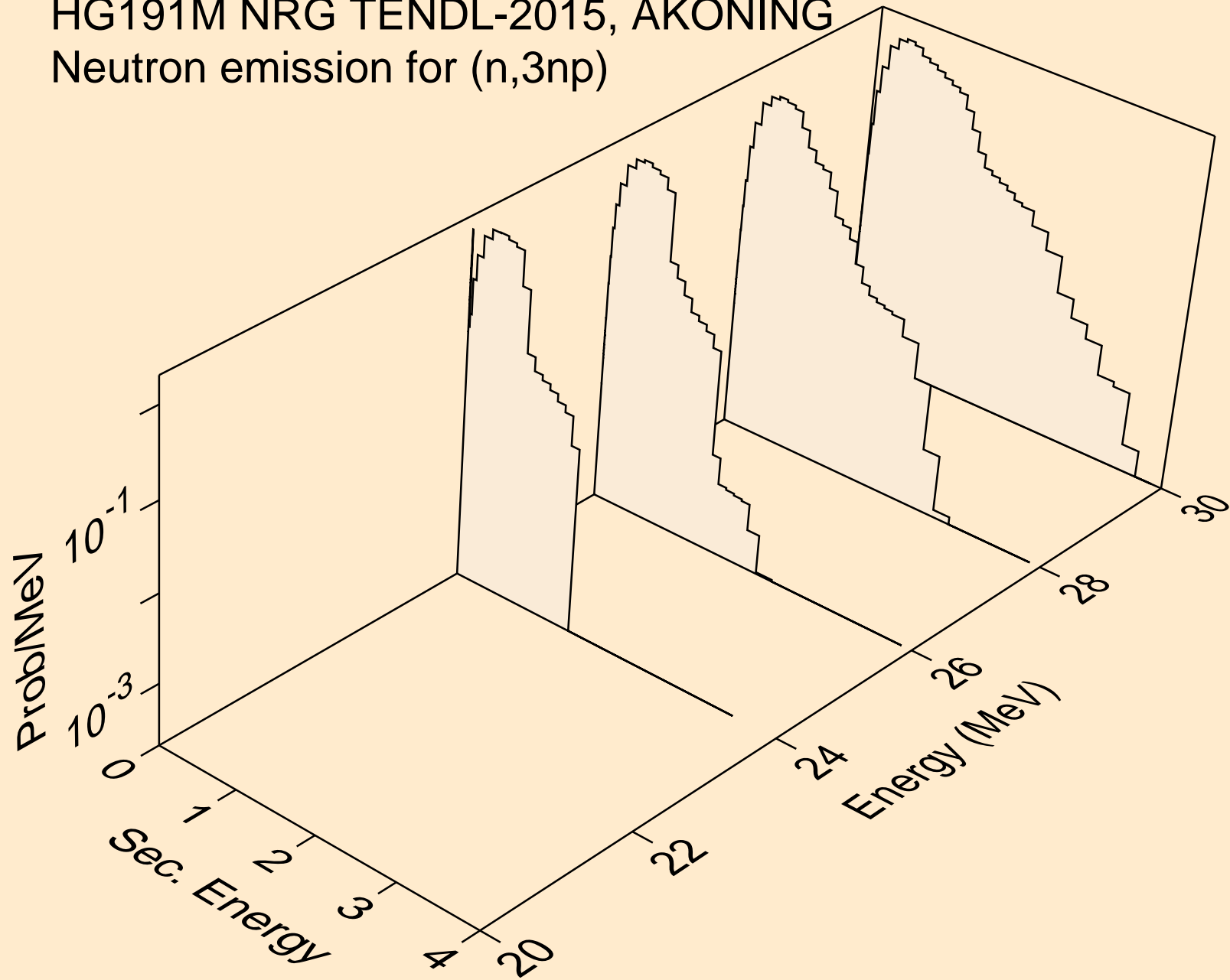
HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

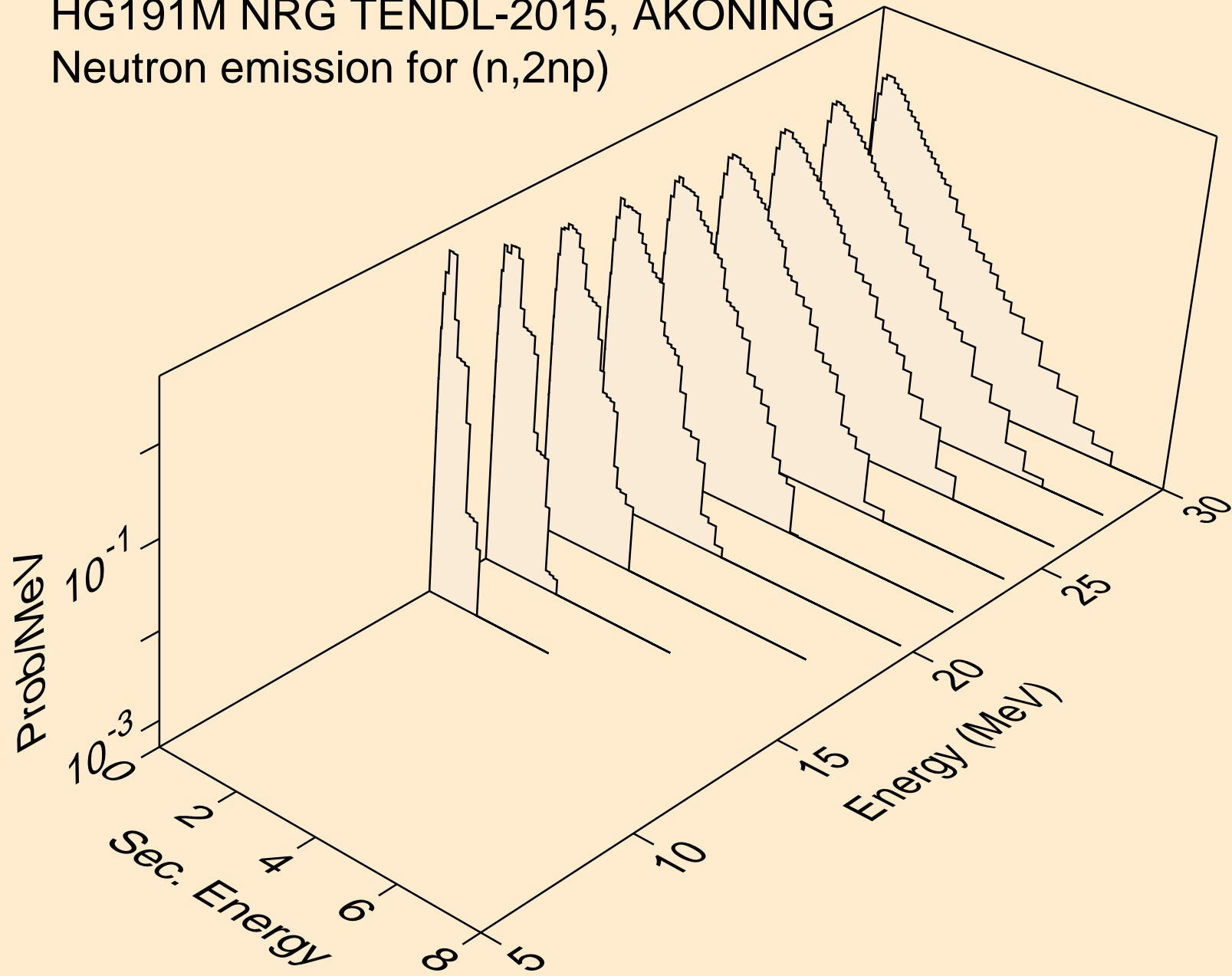


HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

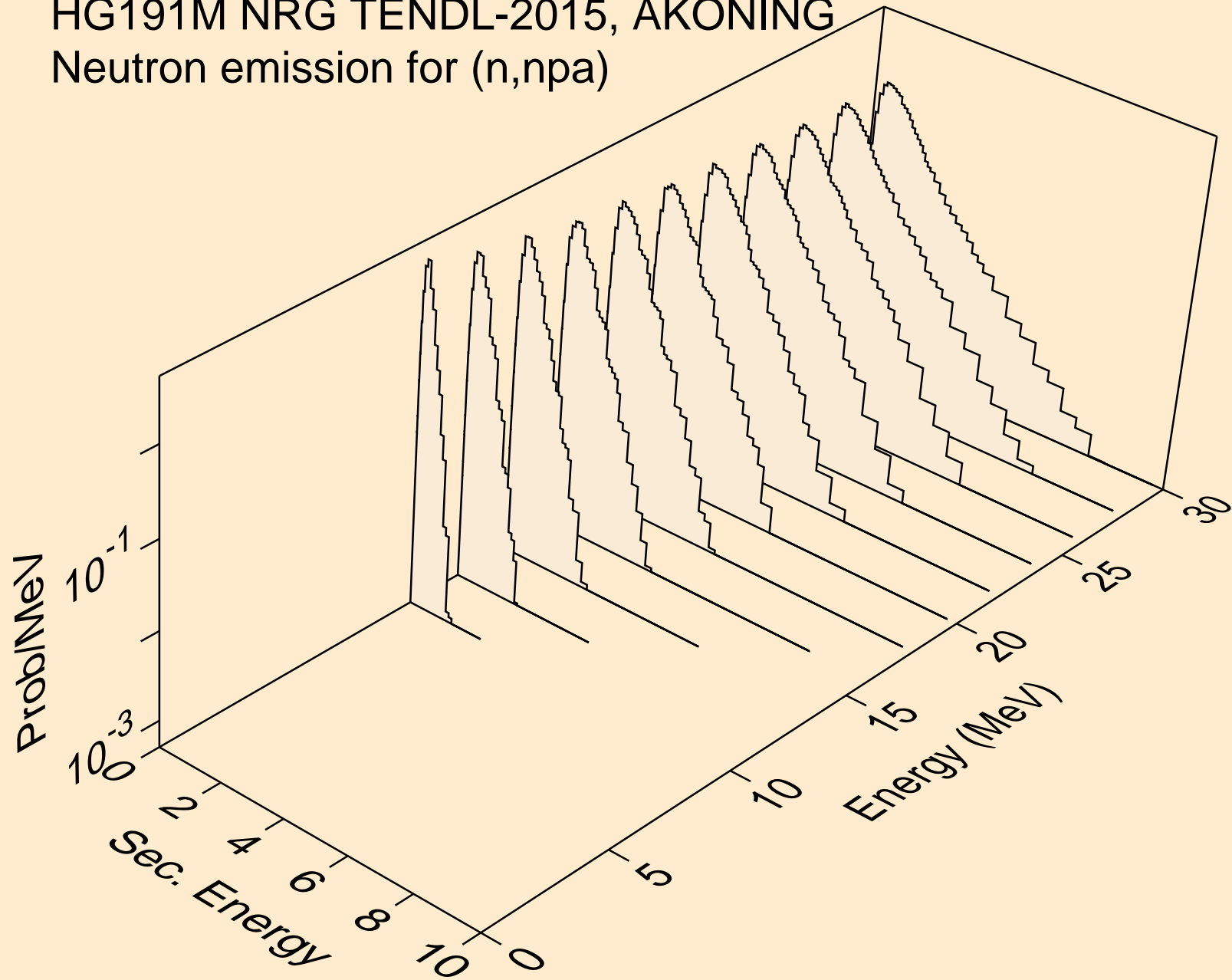




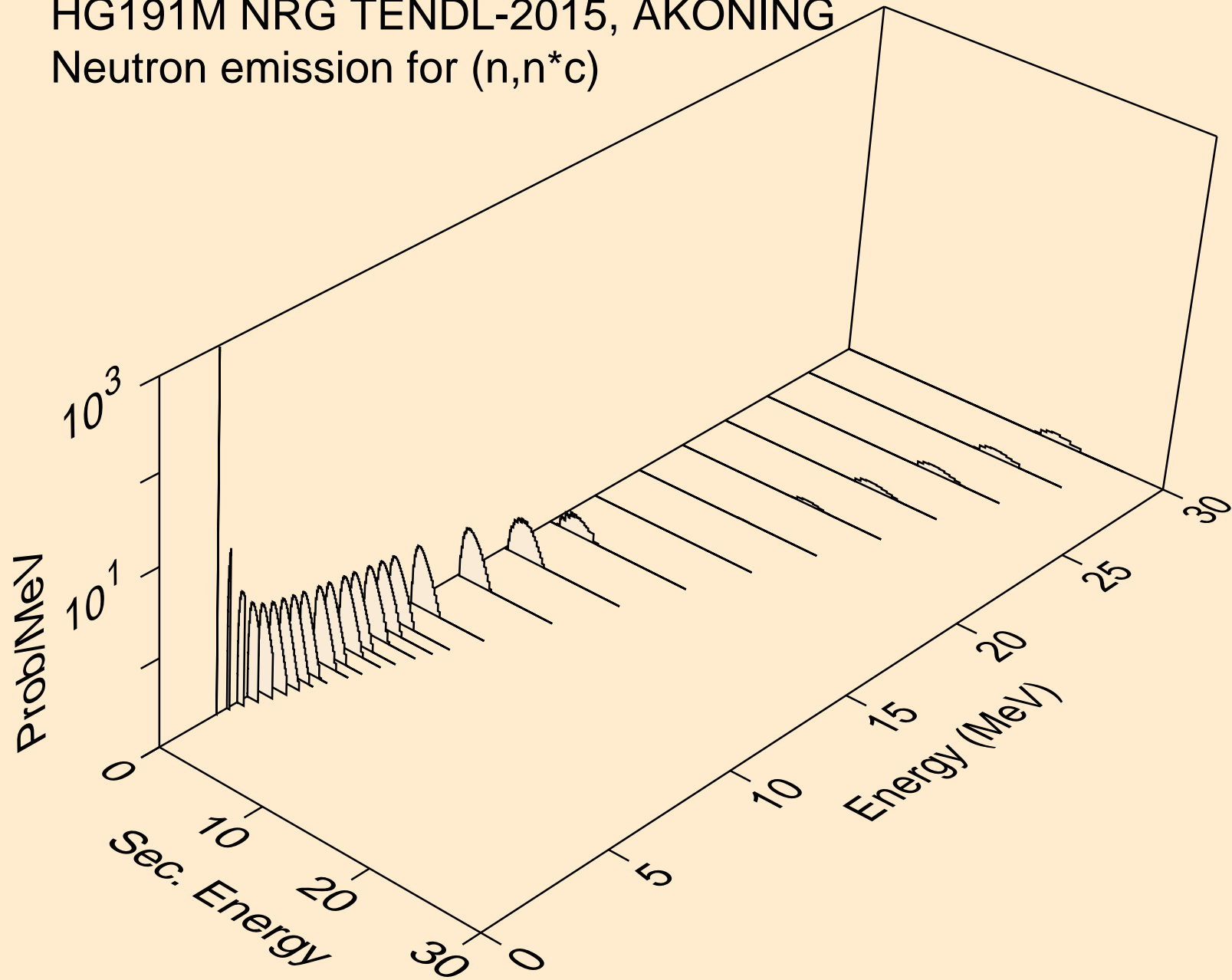
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Neutron emission for (n,2np)



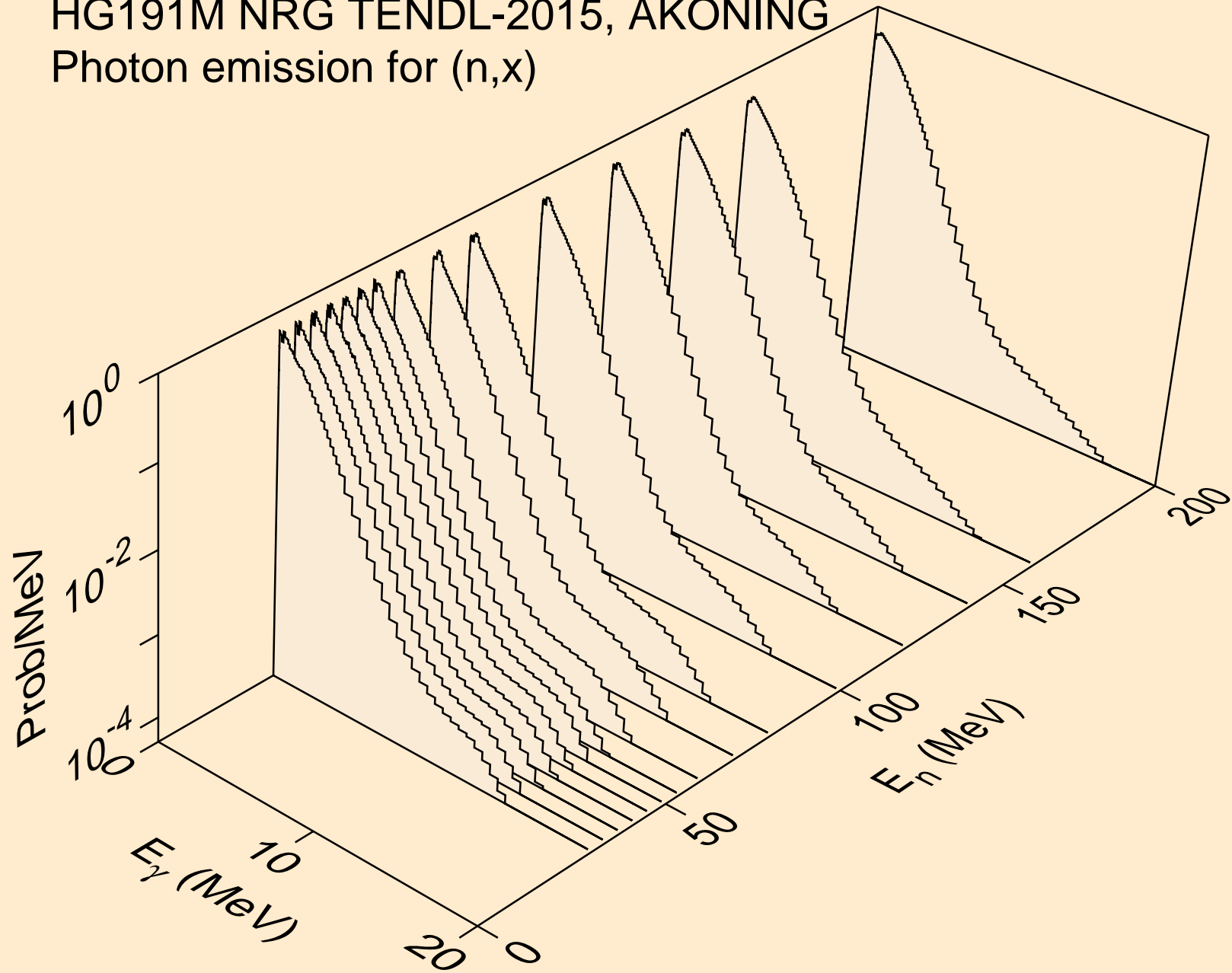
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Neutron emission for (n,npa)



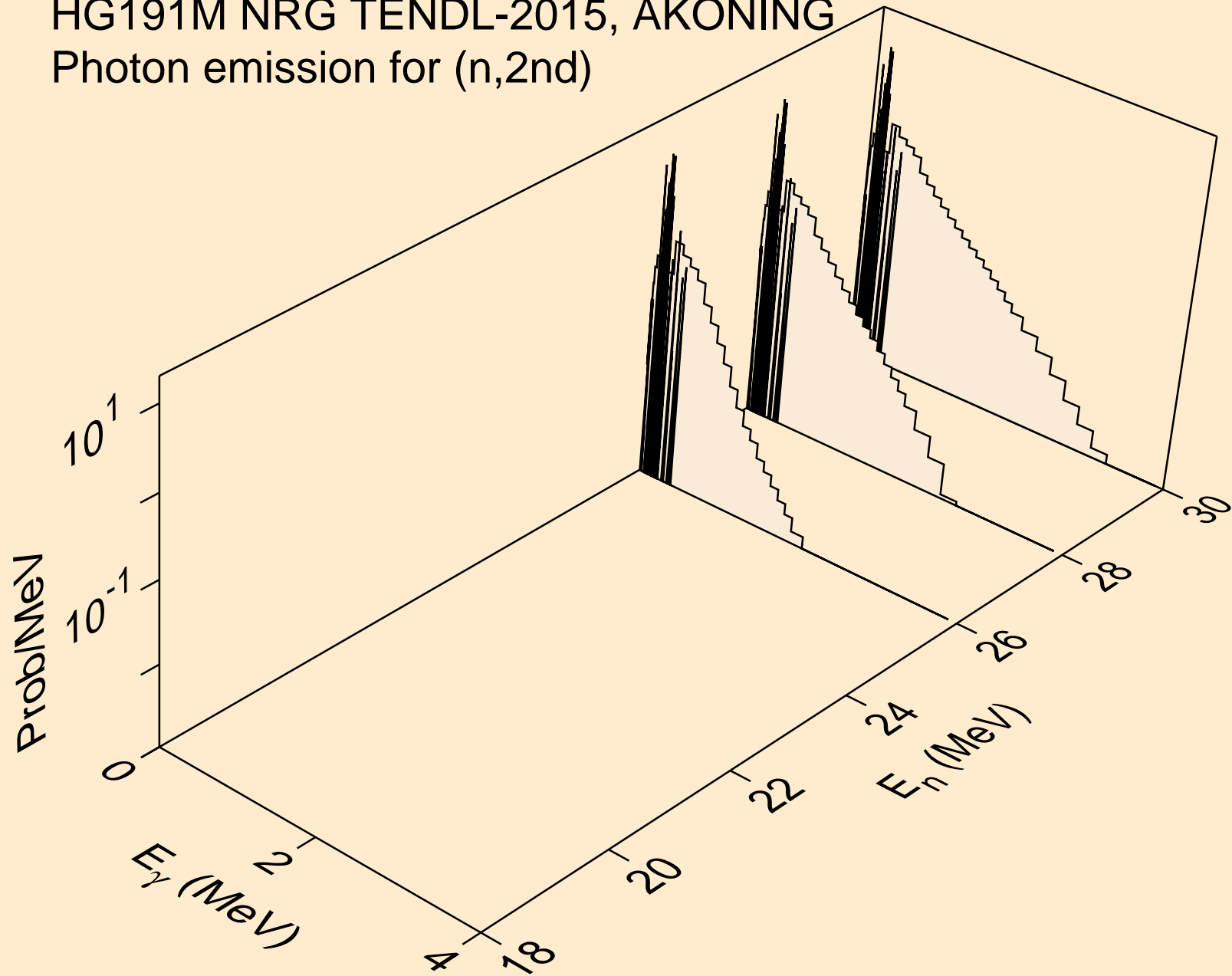
HG191M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



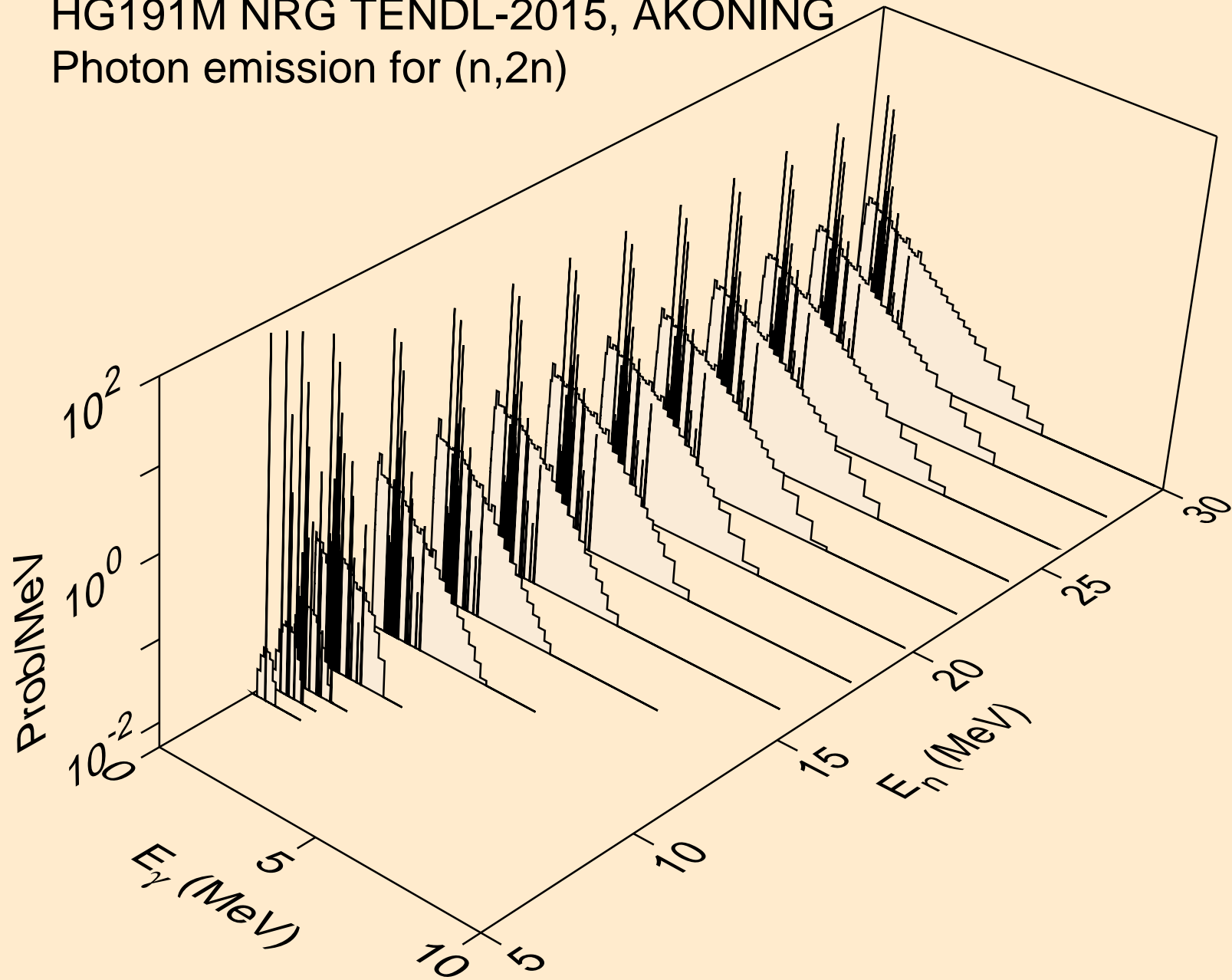
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,x)



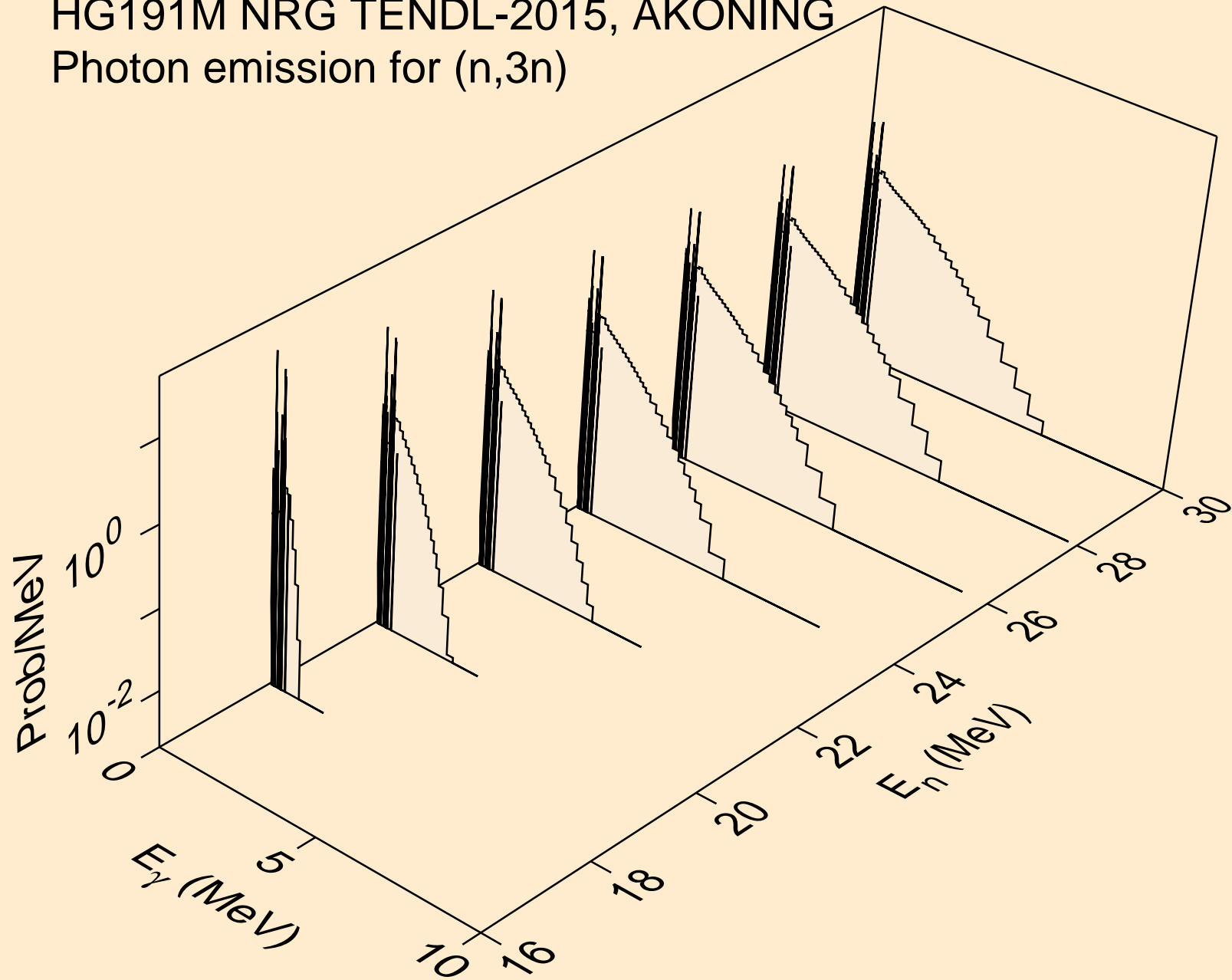
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Photon emission for (n,2nd)



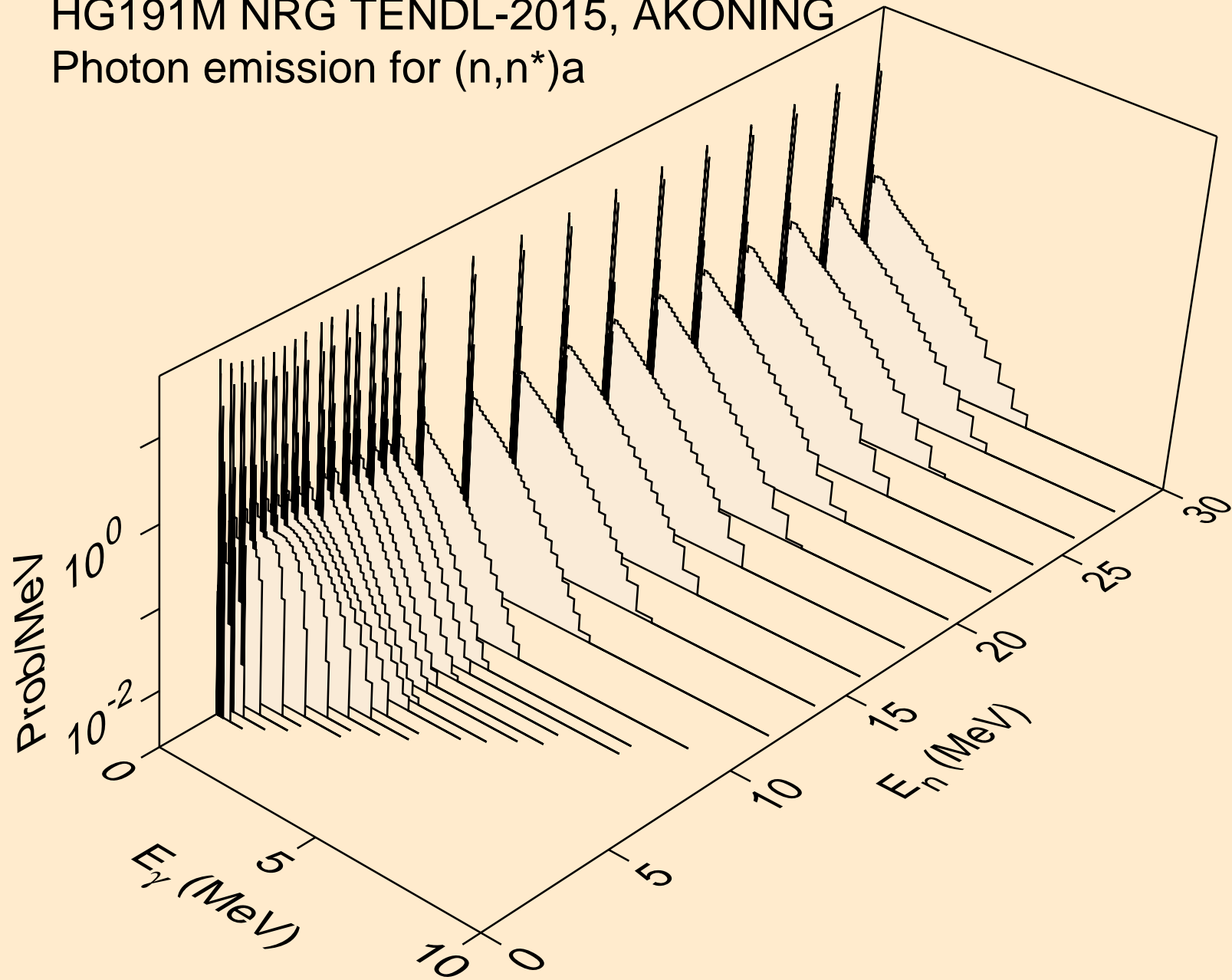
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Photon emission for (n,2n)



HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

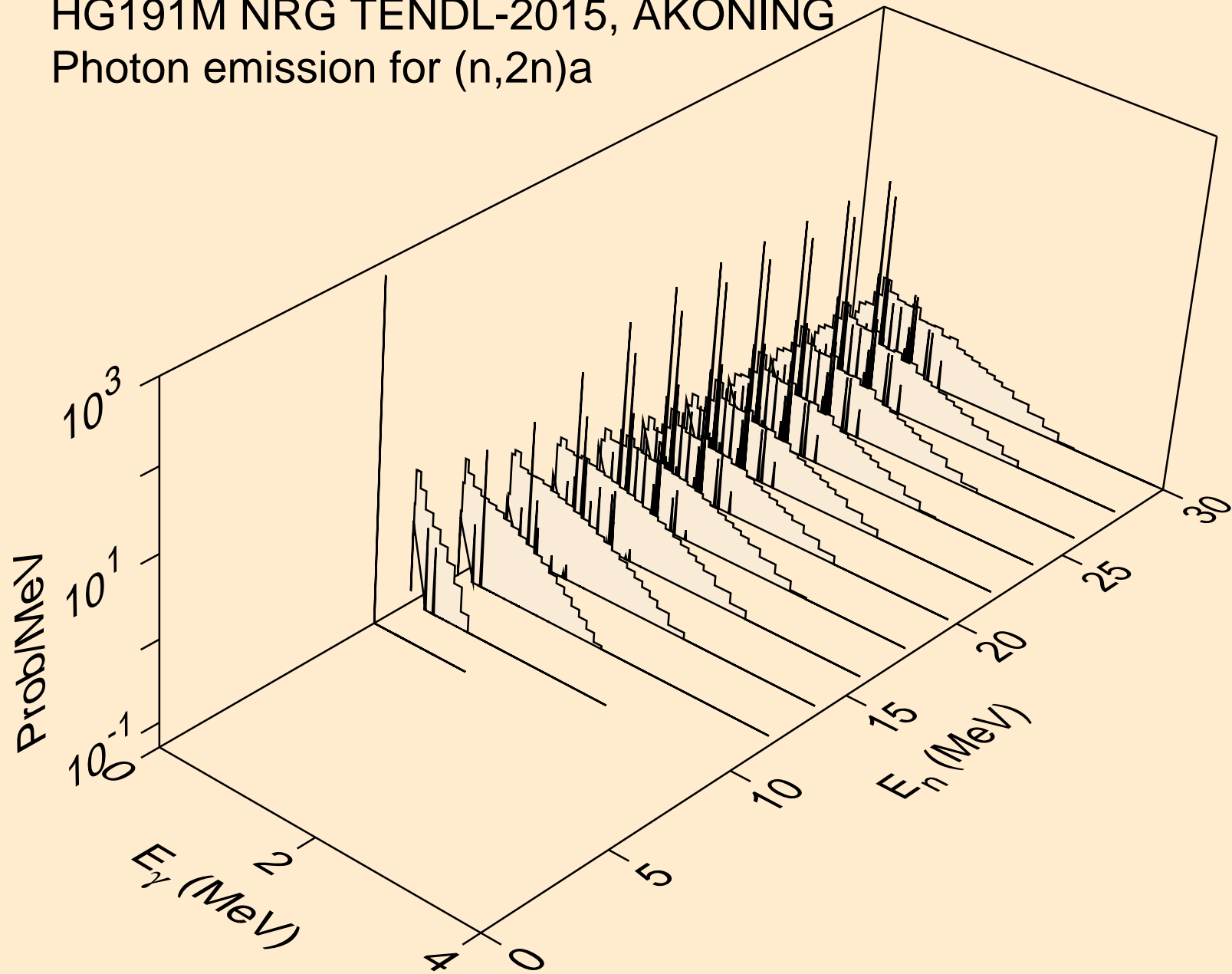


HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

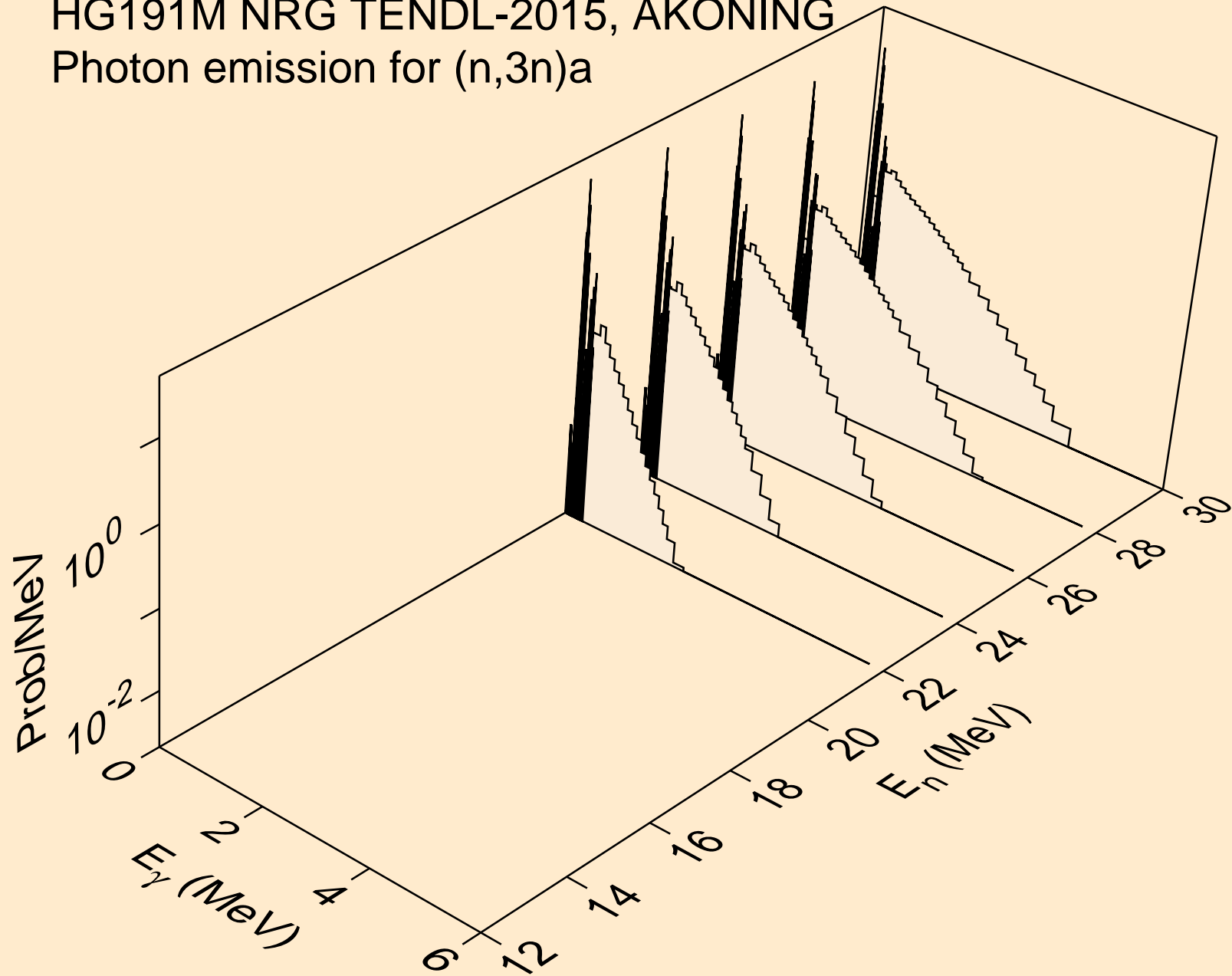




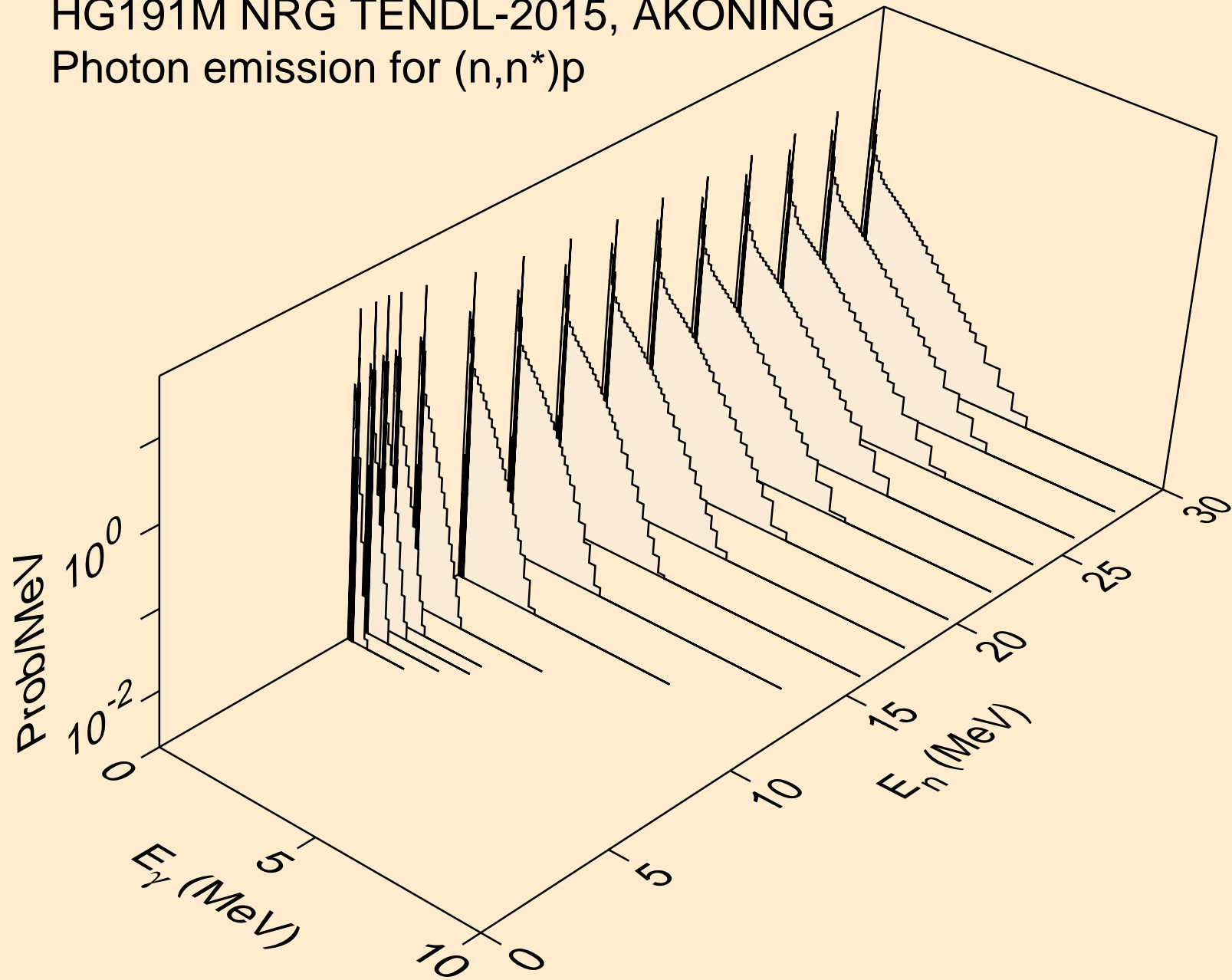
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



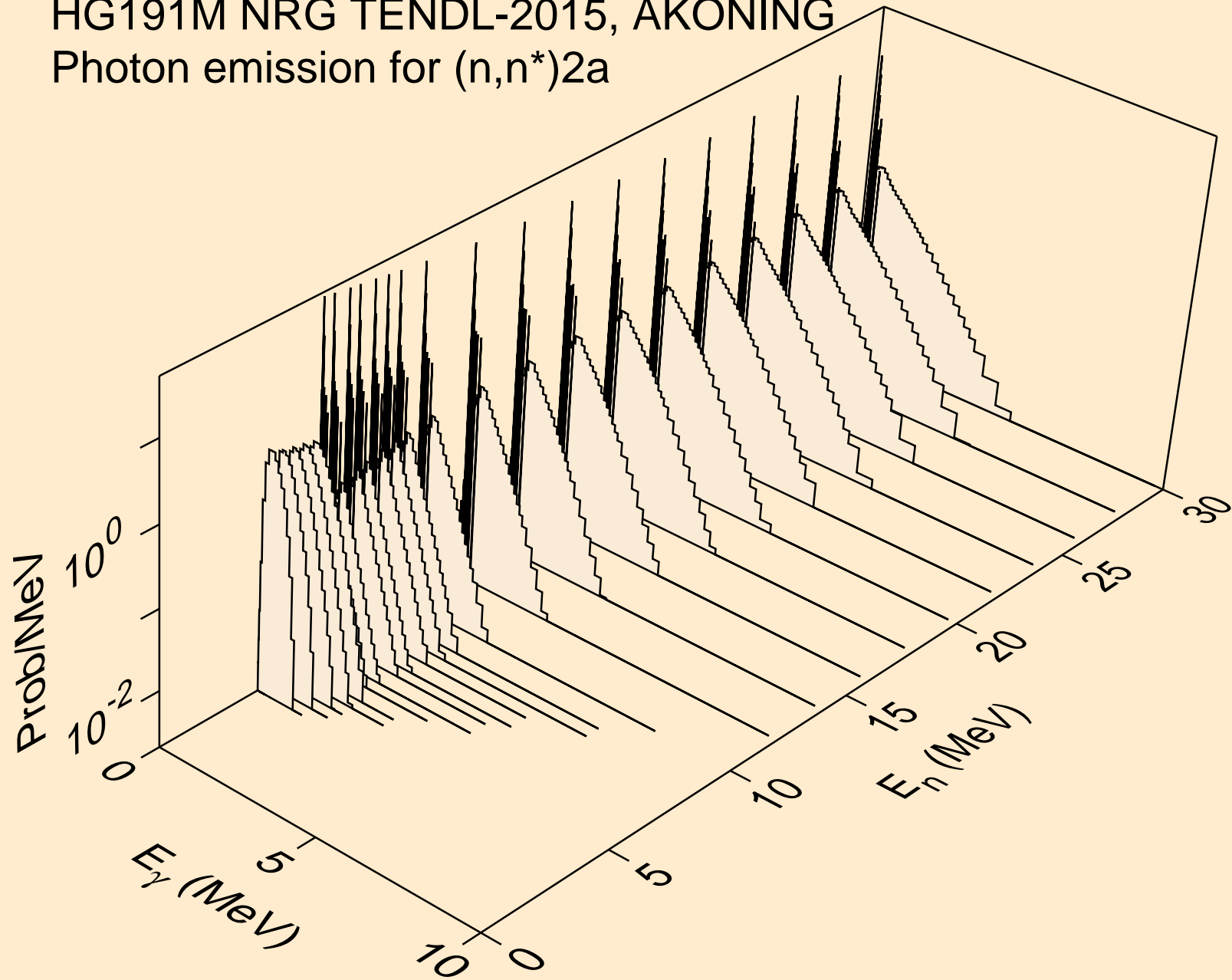
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



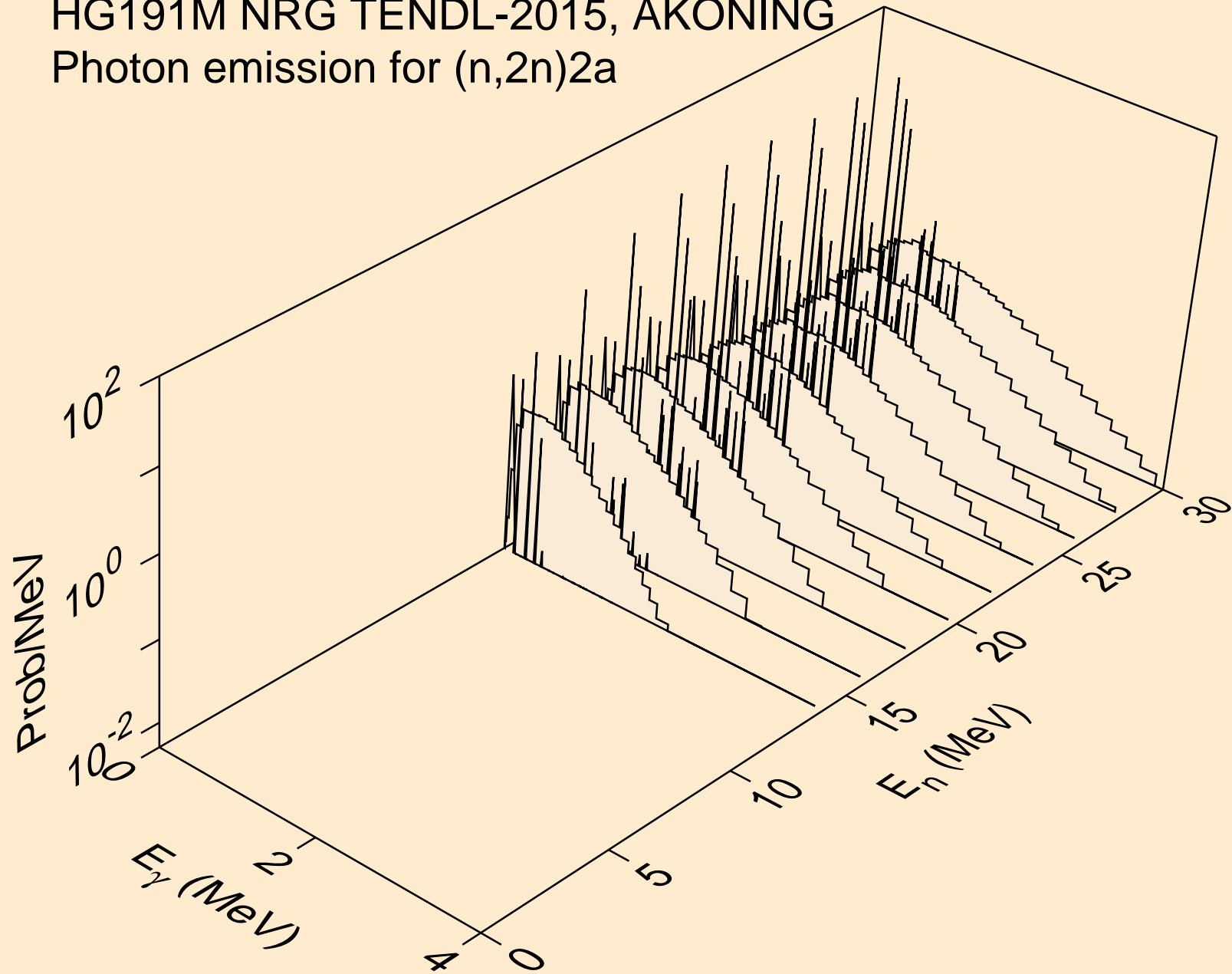
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Photon emission for (n,n\*)p



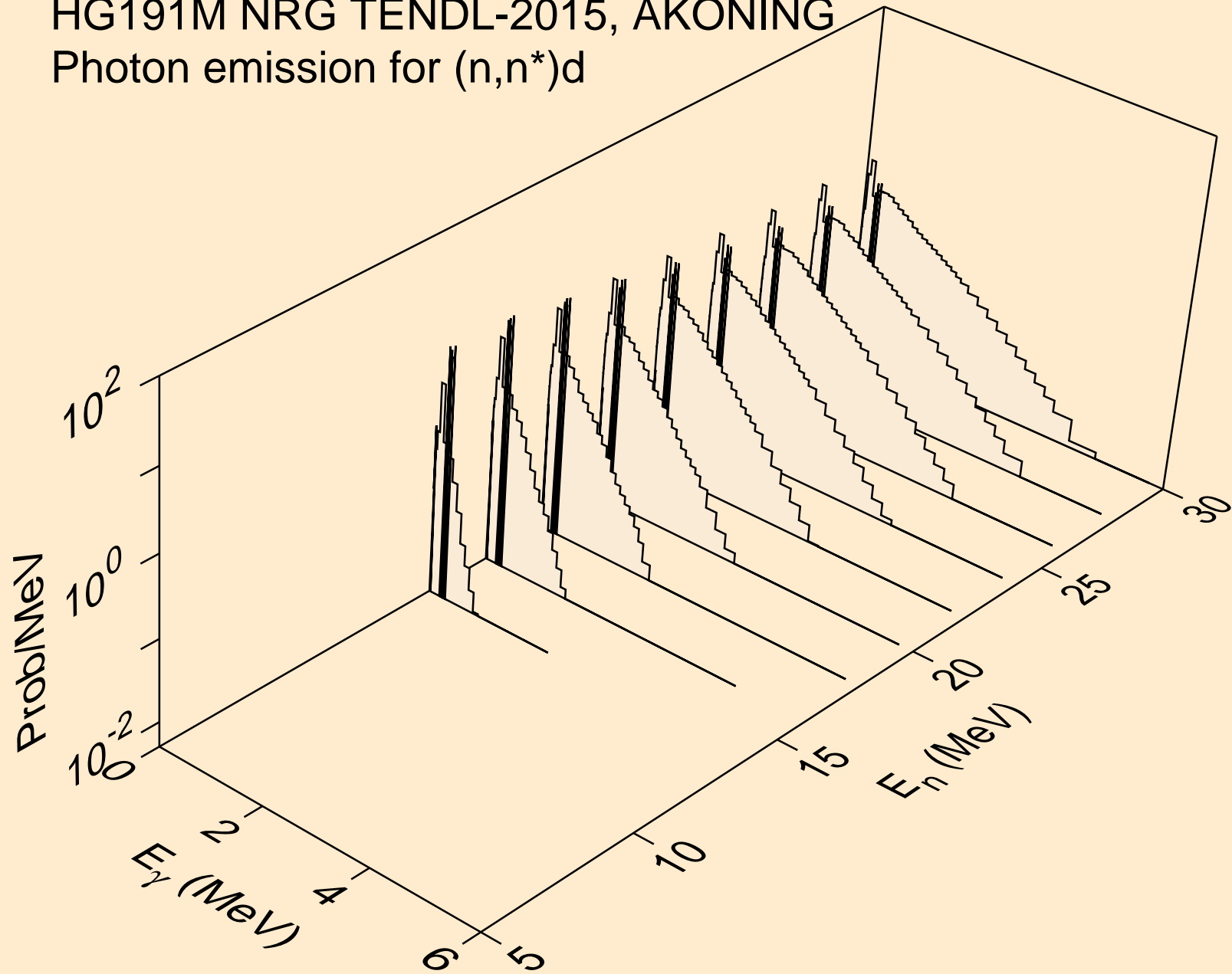
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Photon emission for (n,n\*)2a



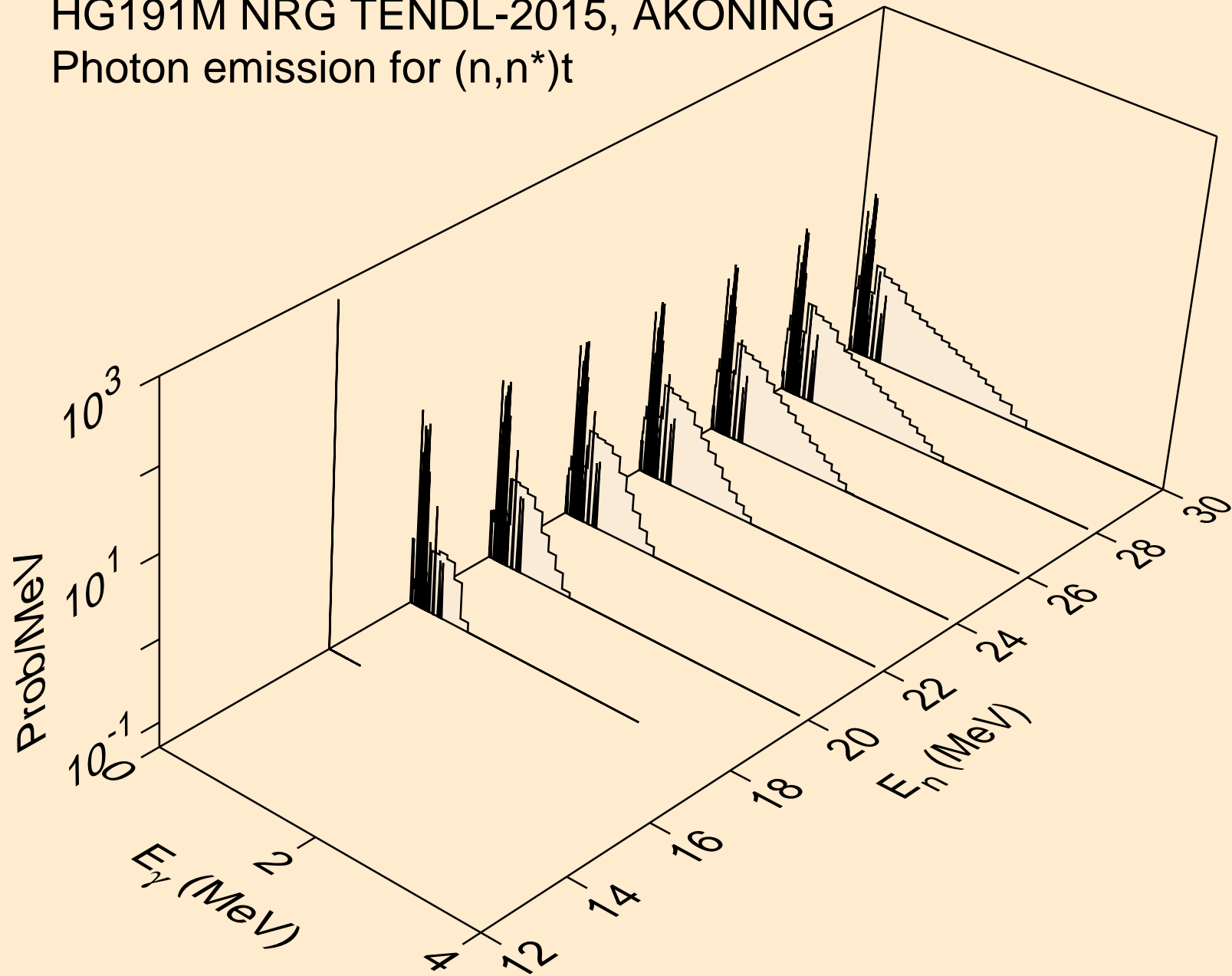
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Photon emission for (n,2n)2a



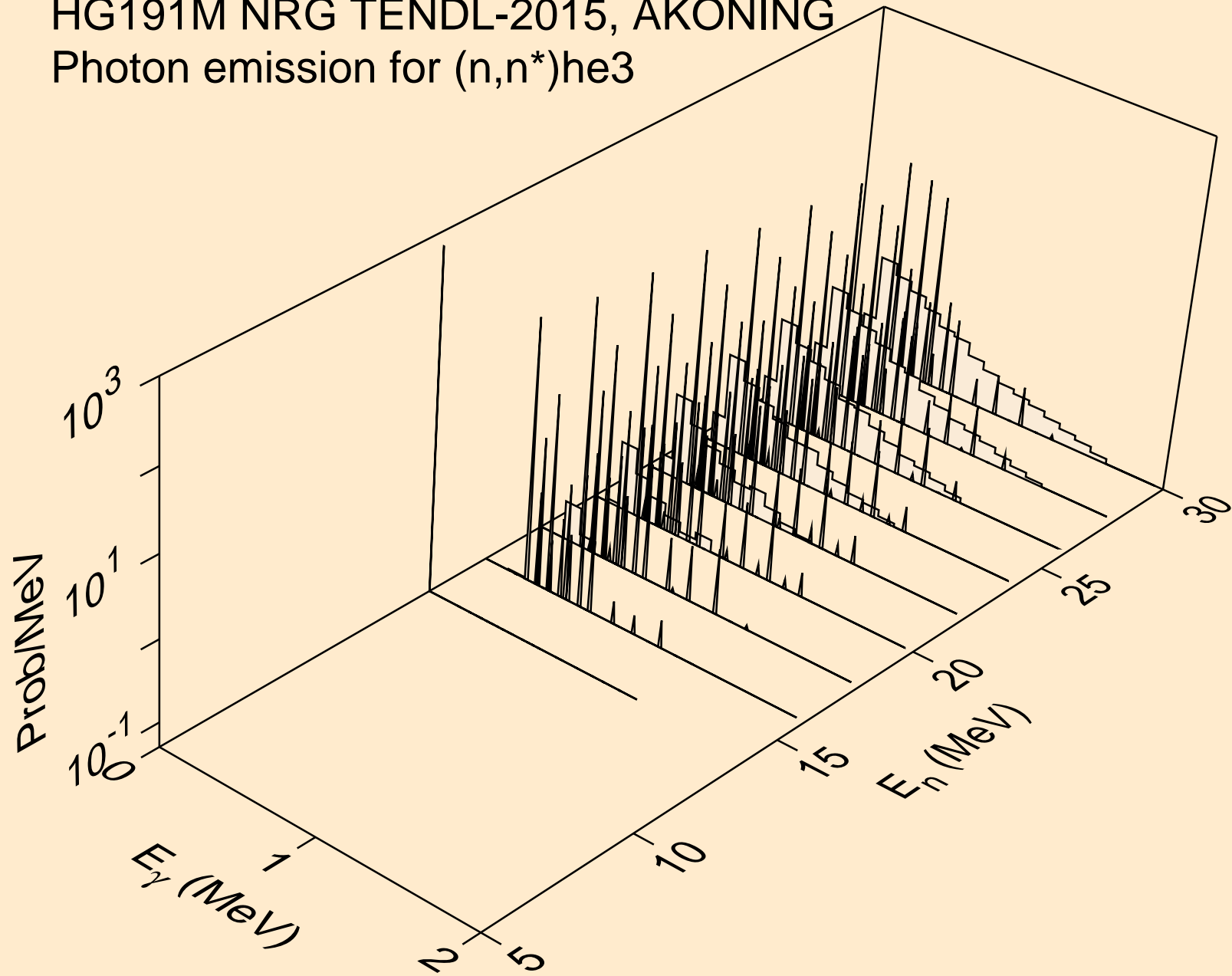
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

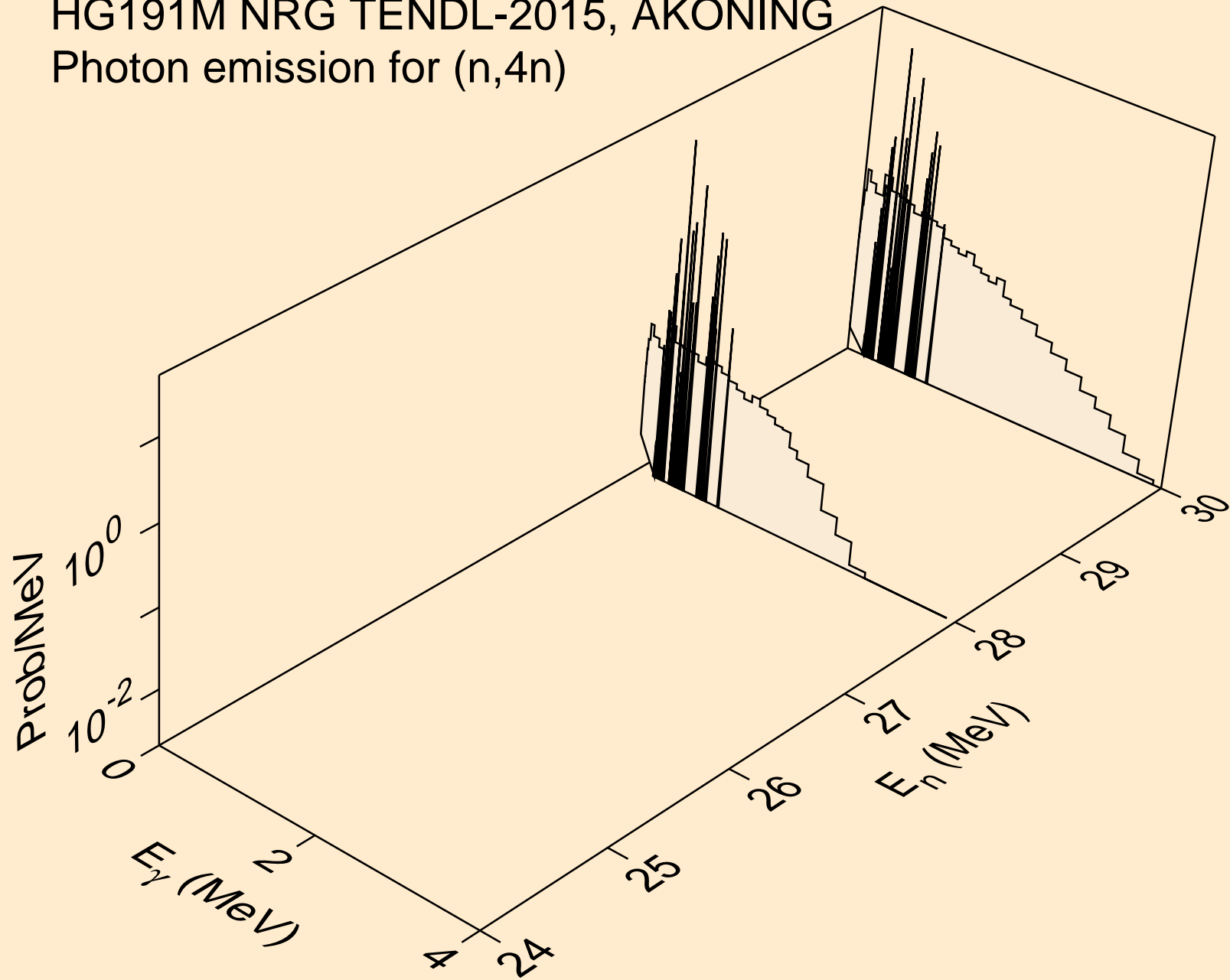


HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

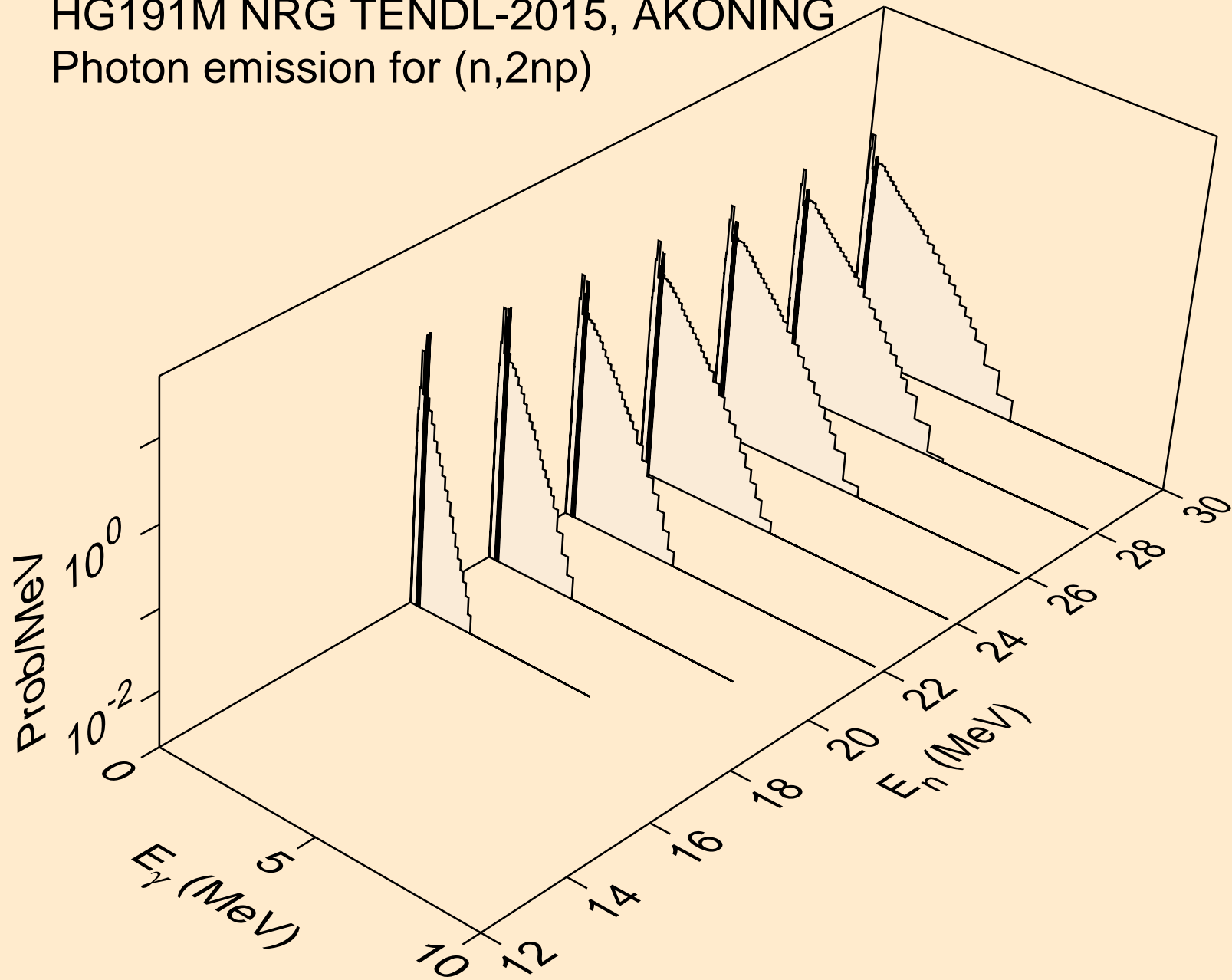




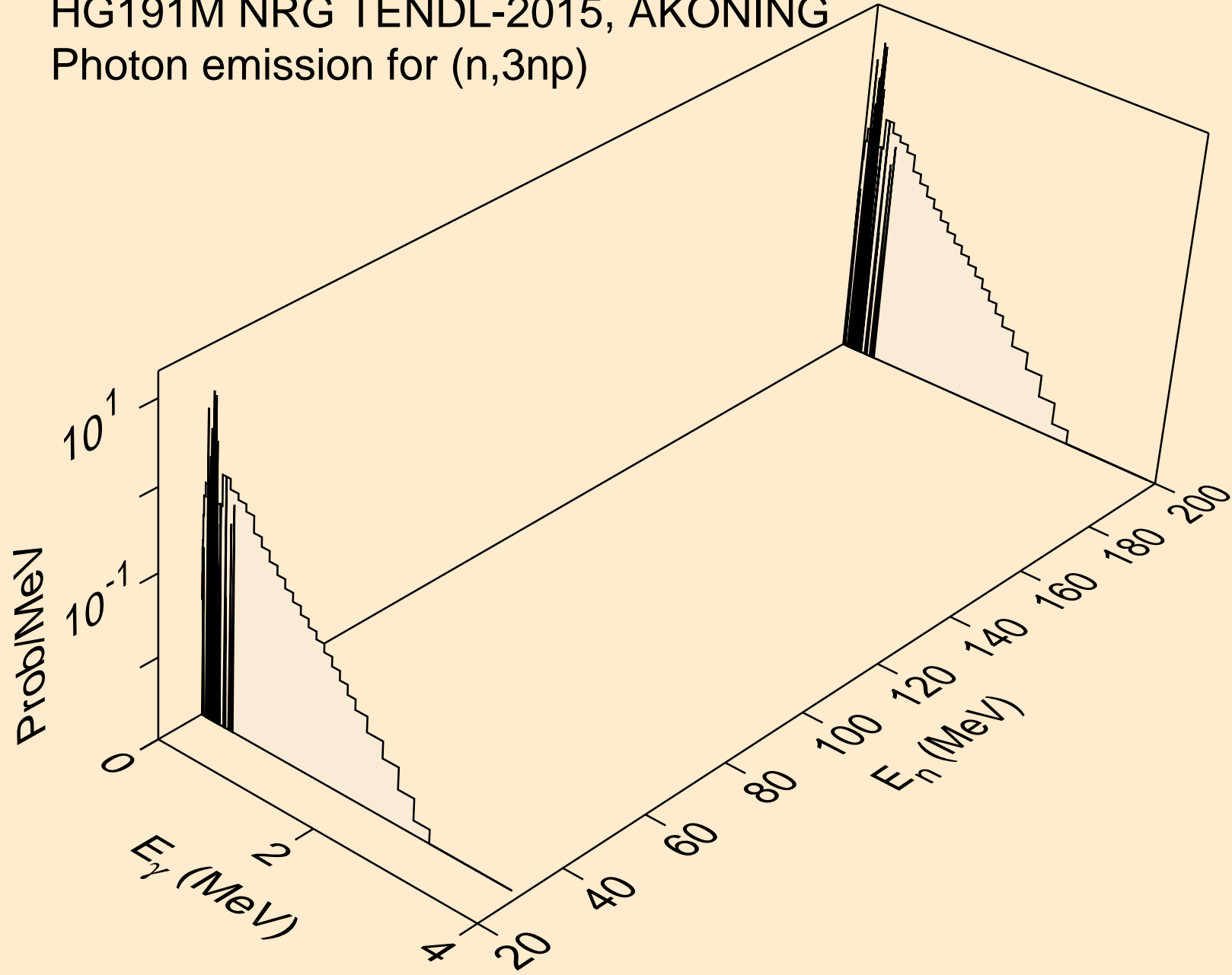
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



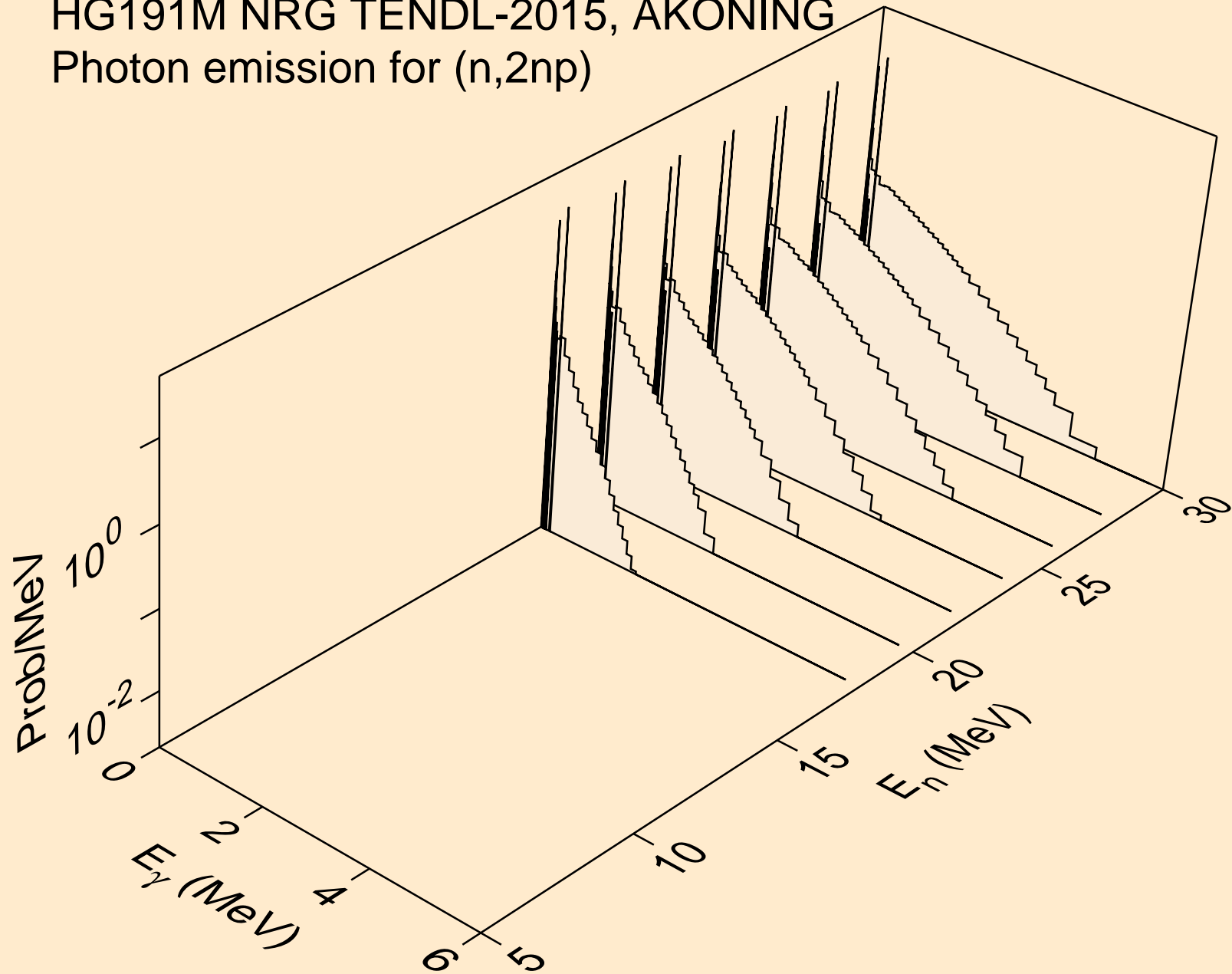
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Photon emission for (n,2np)



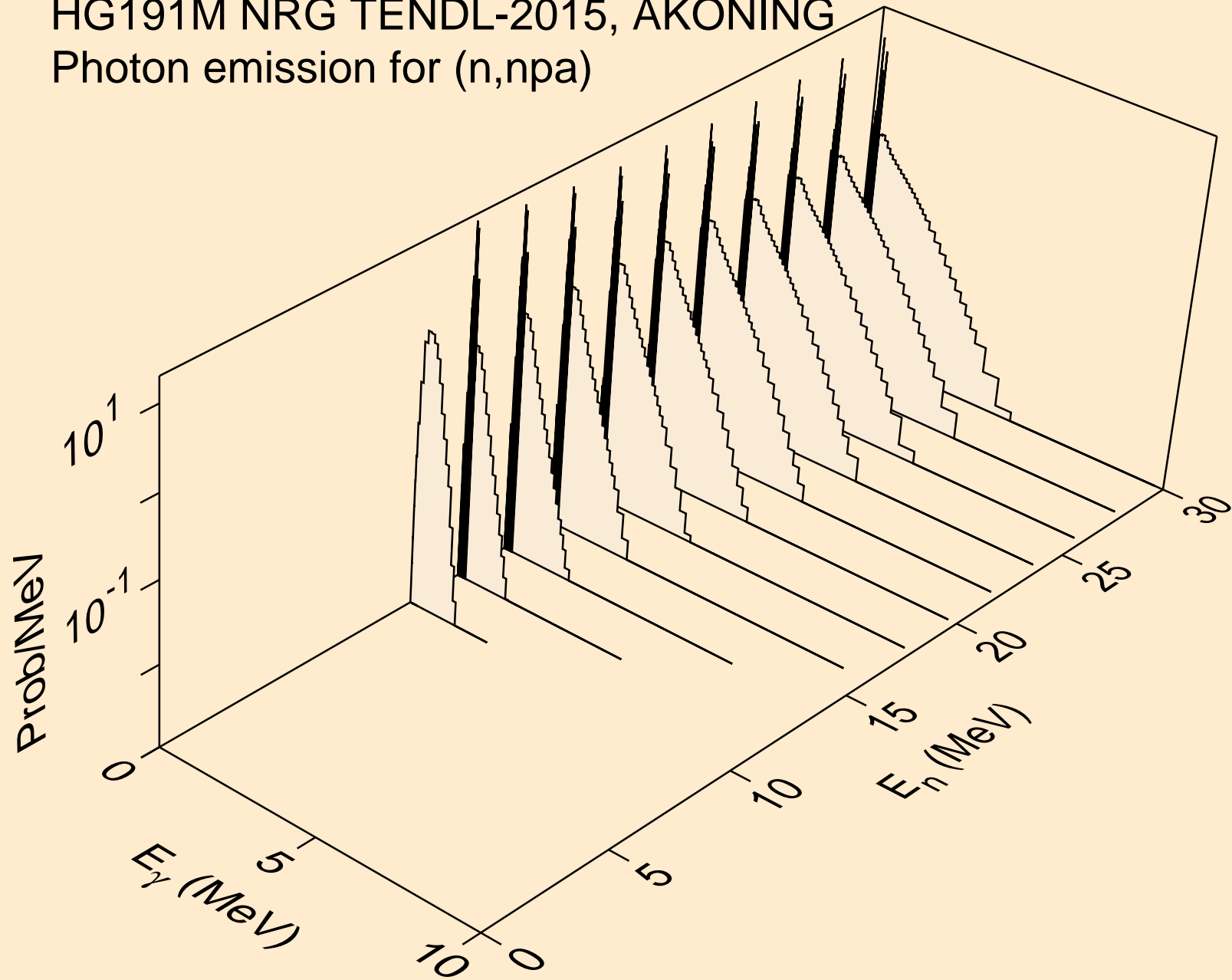
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



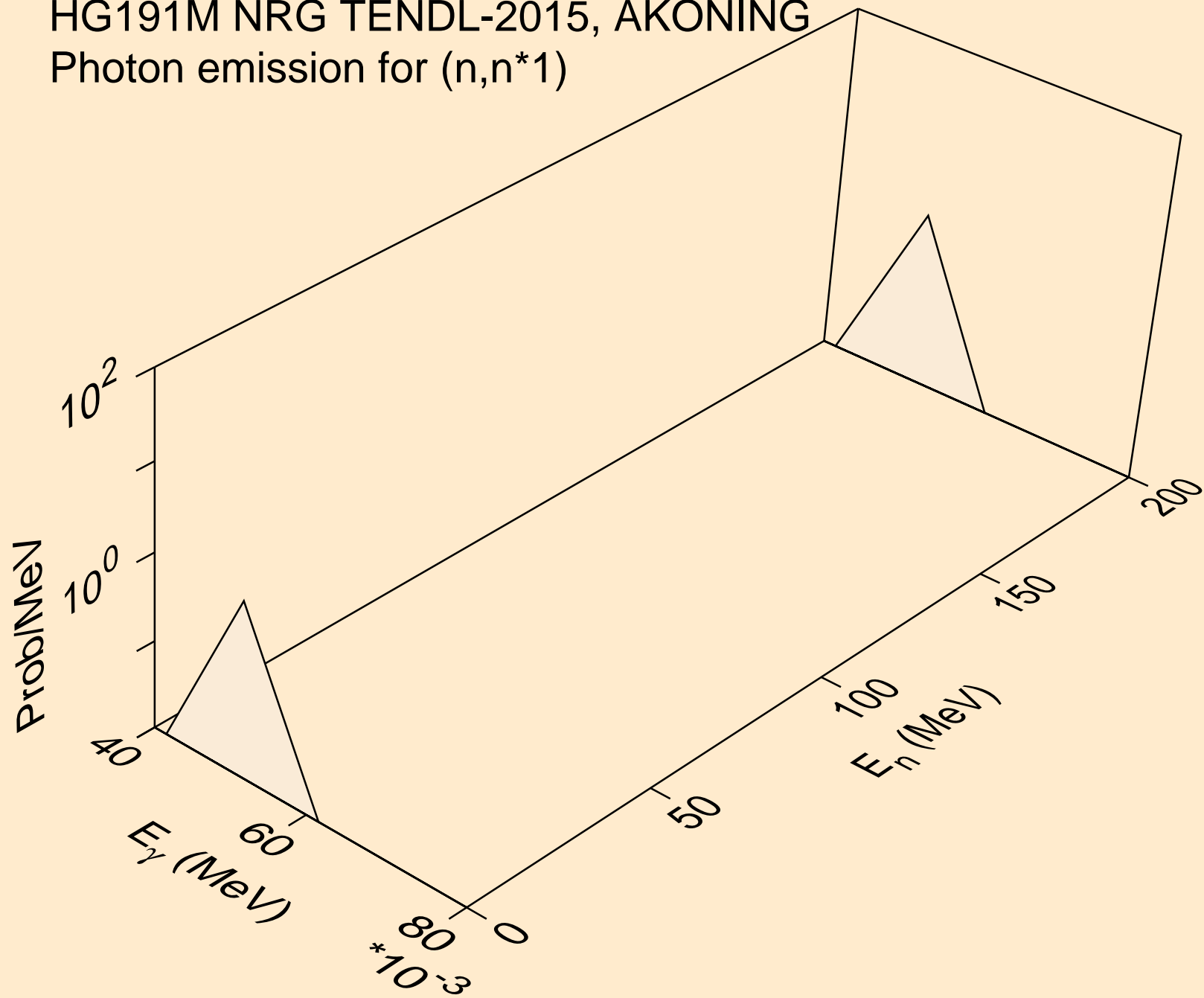
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



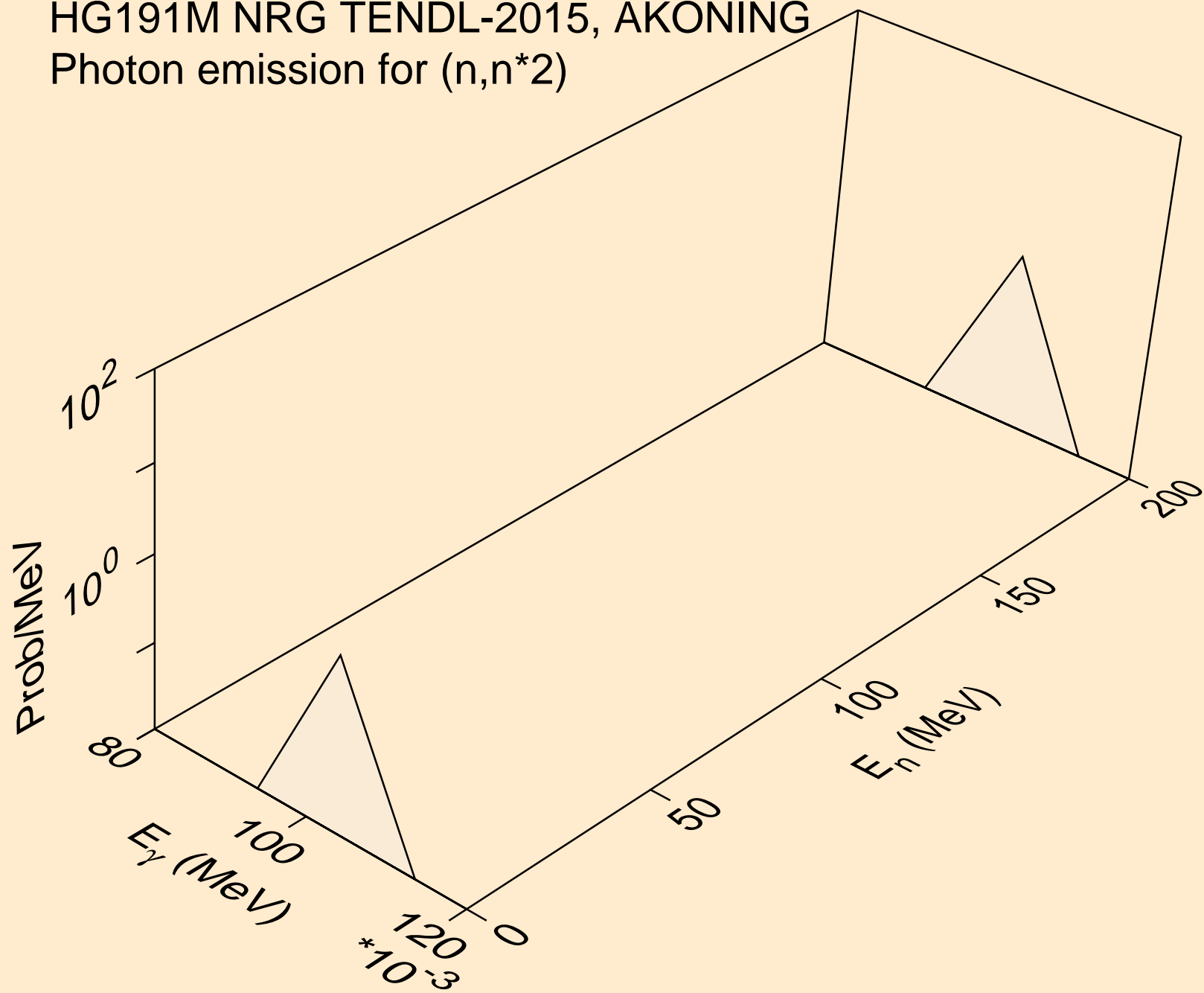
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



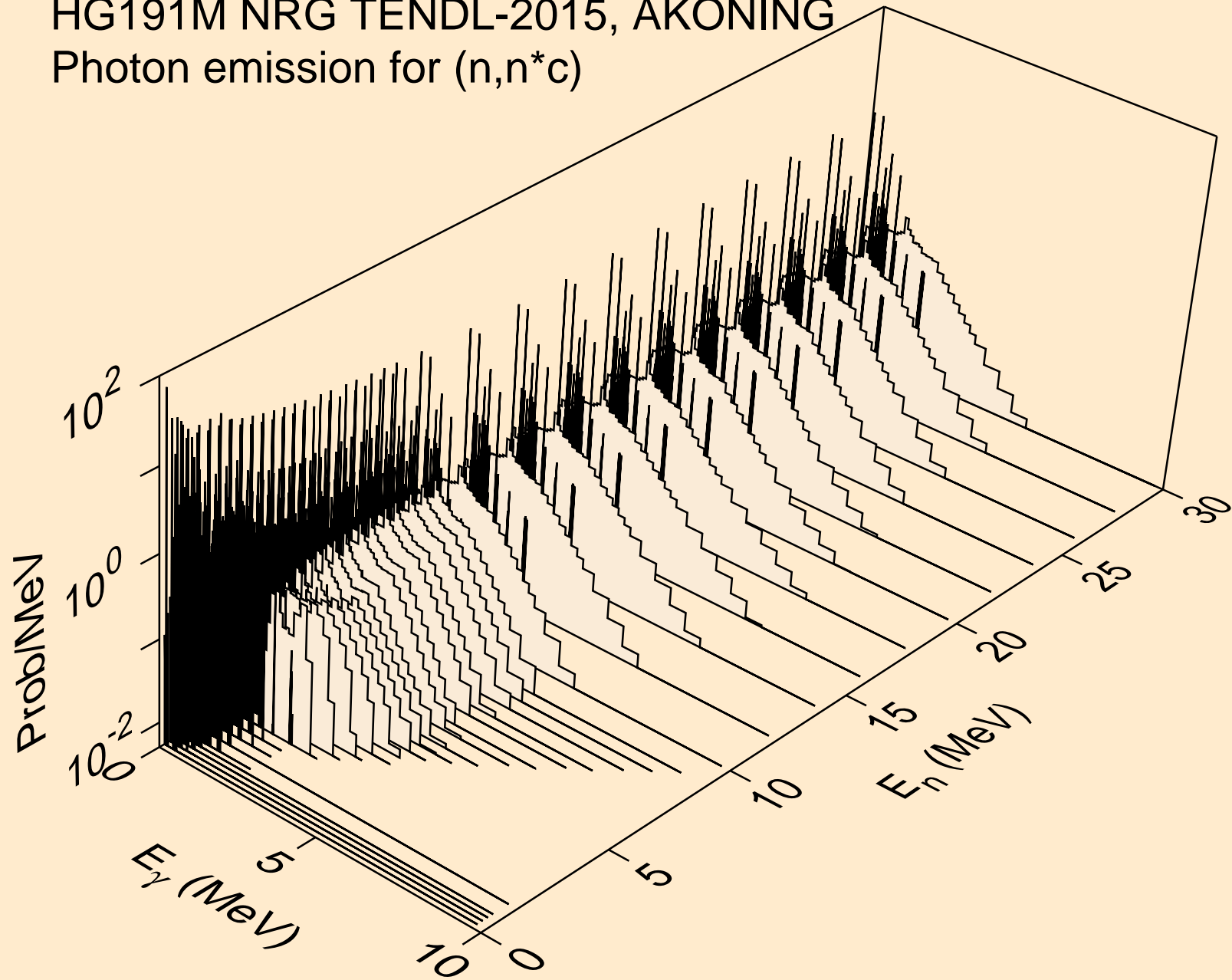
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)



HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*2)

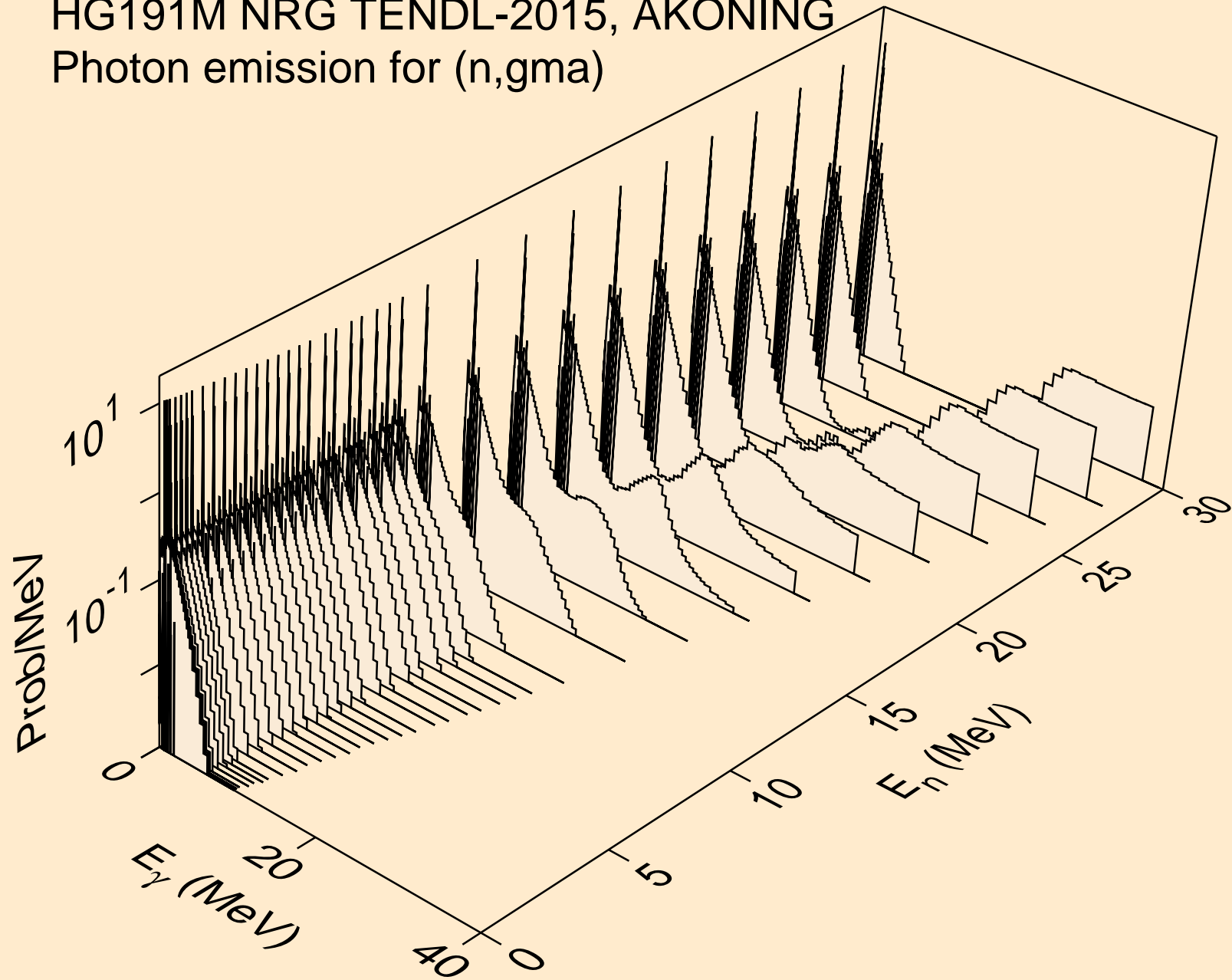


HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

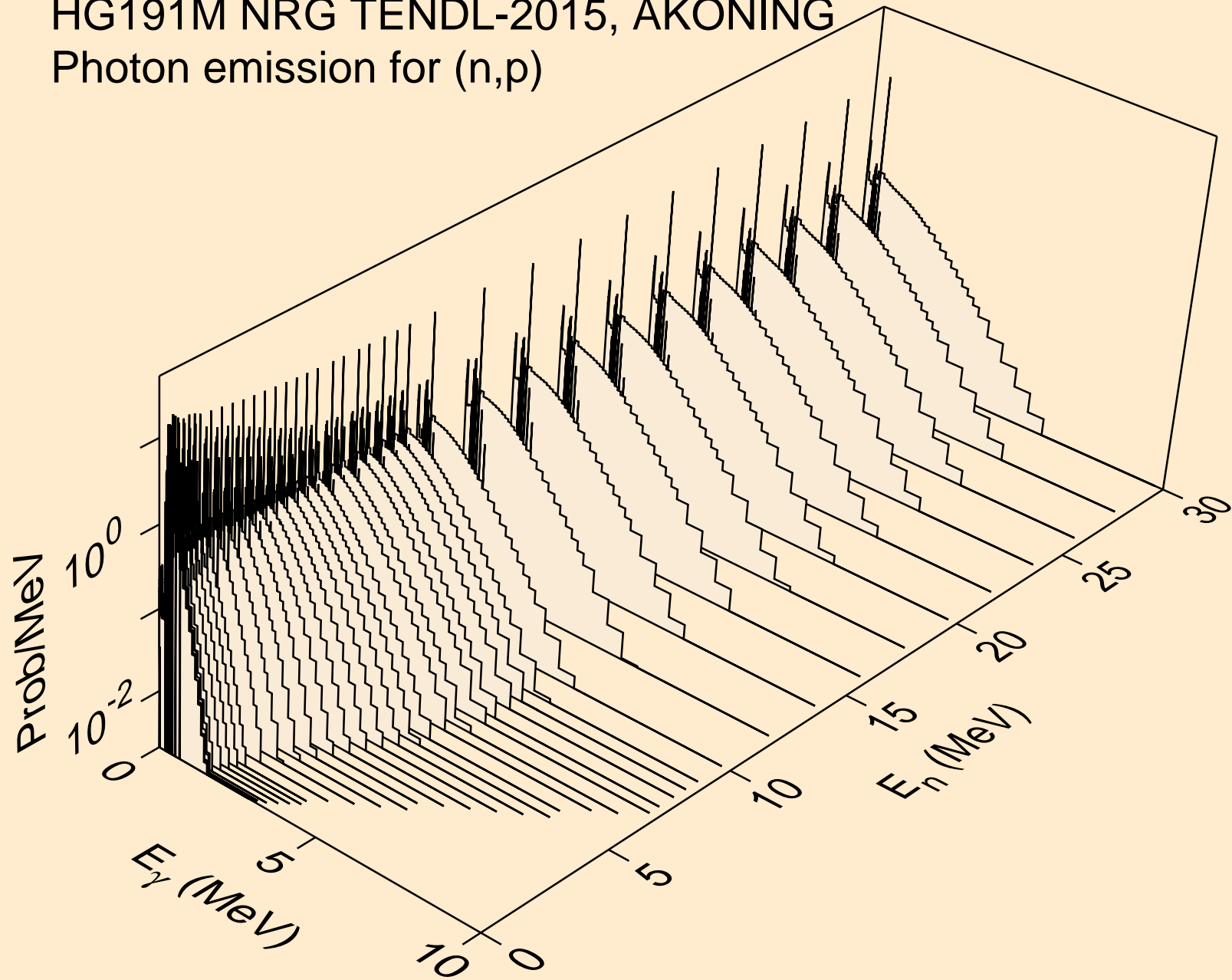




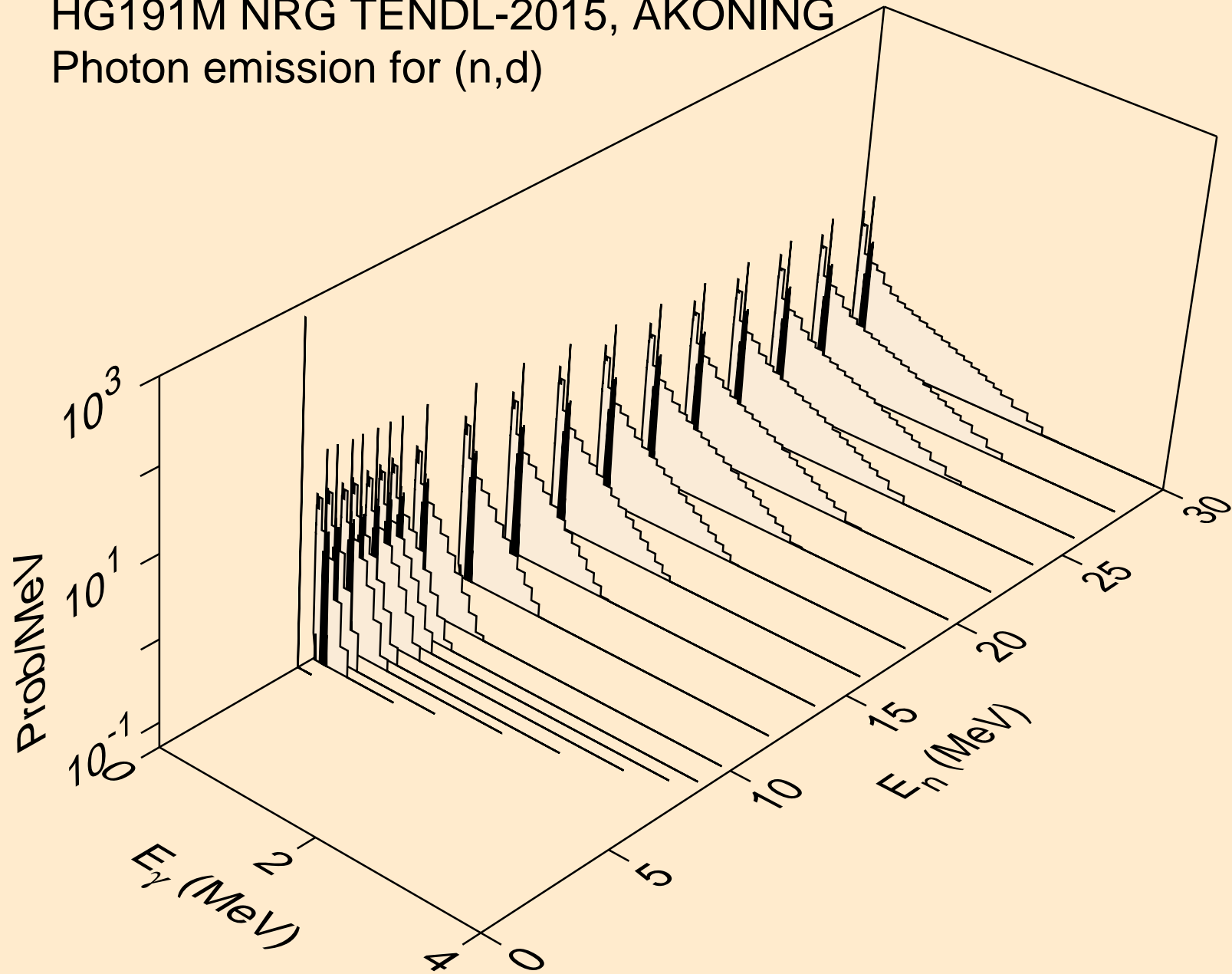
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



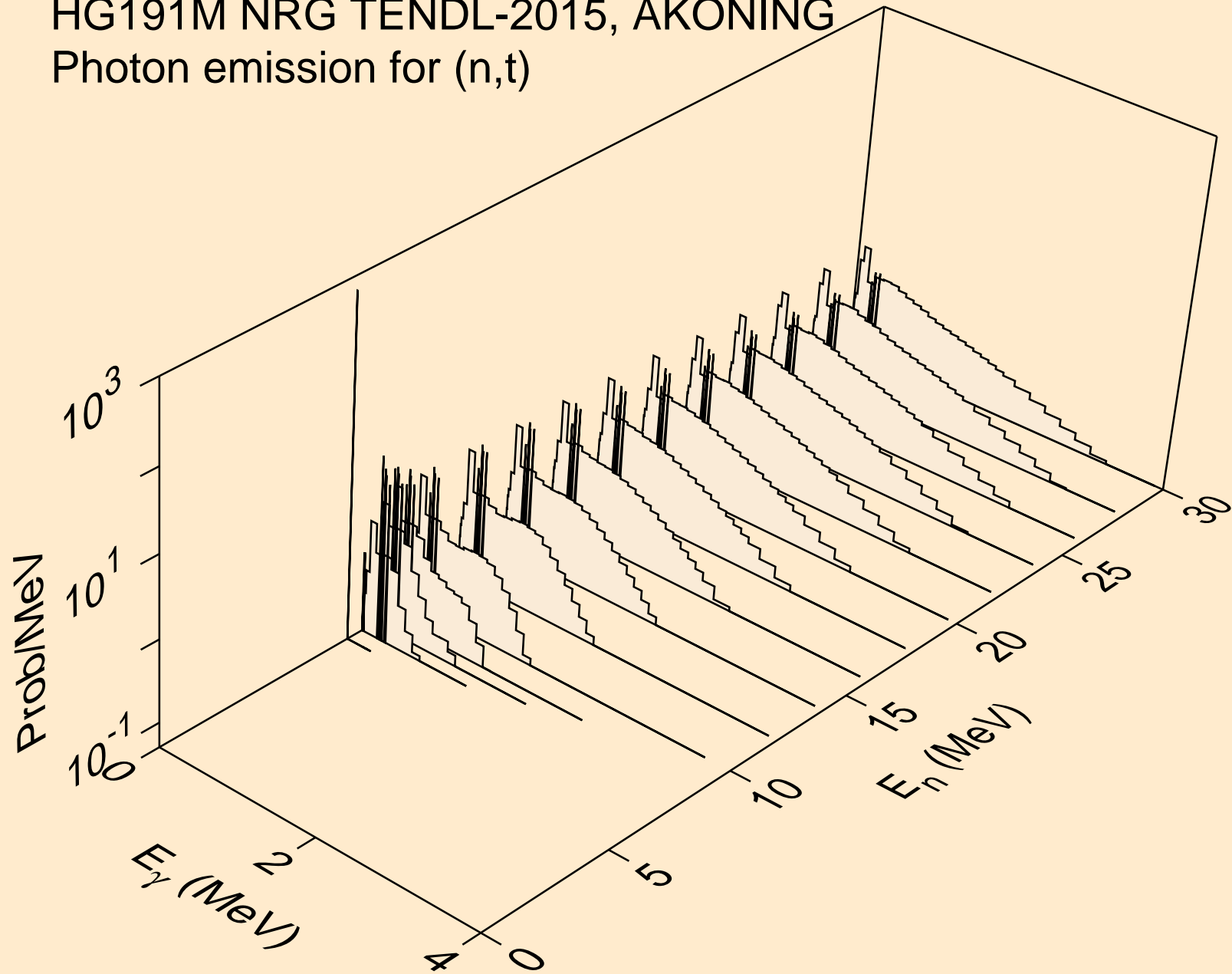
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,p)



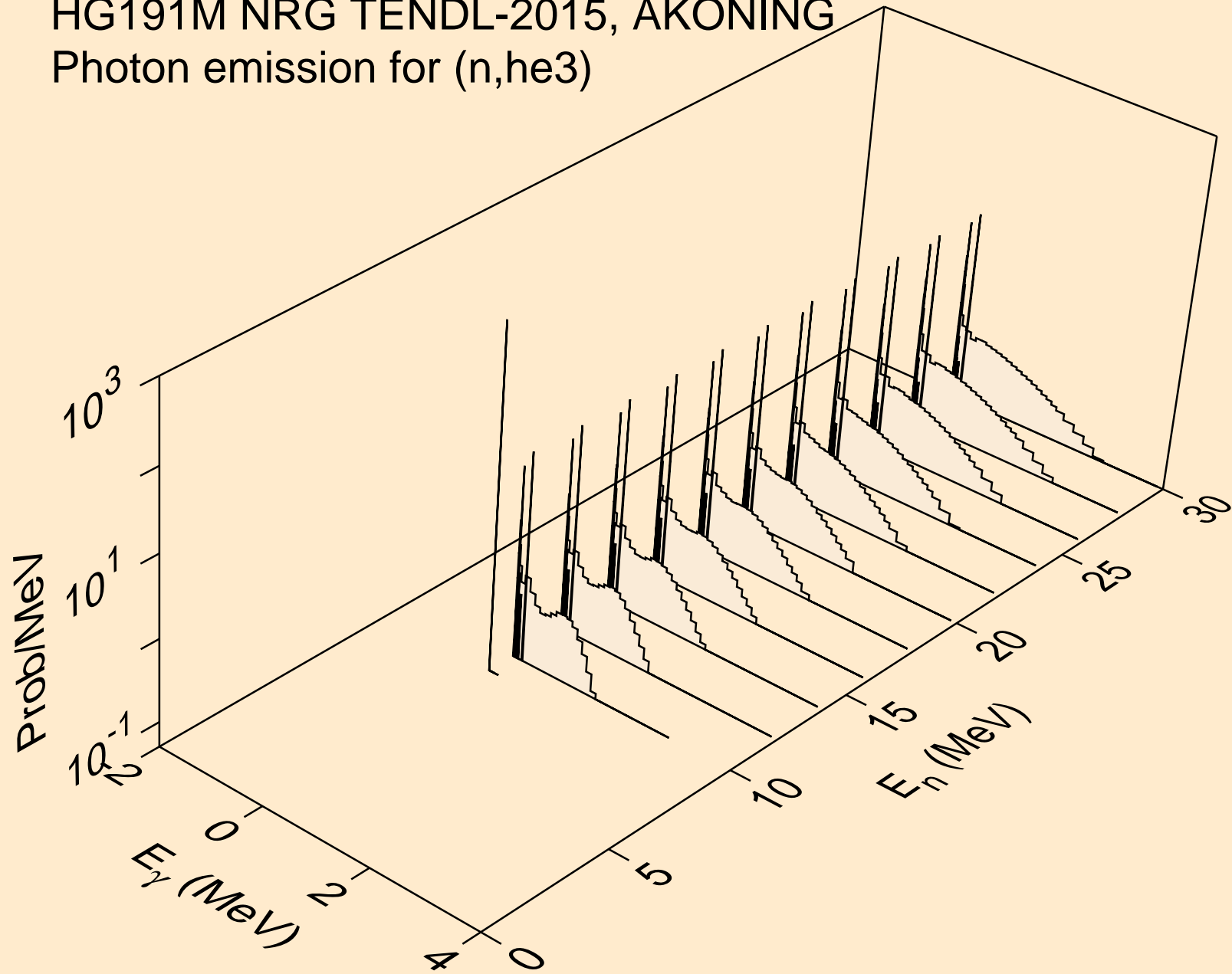
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,d)



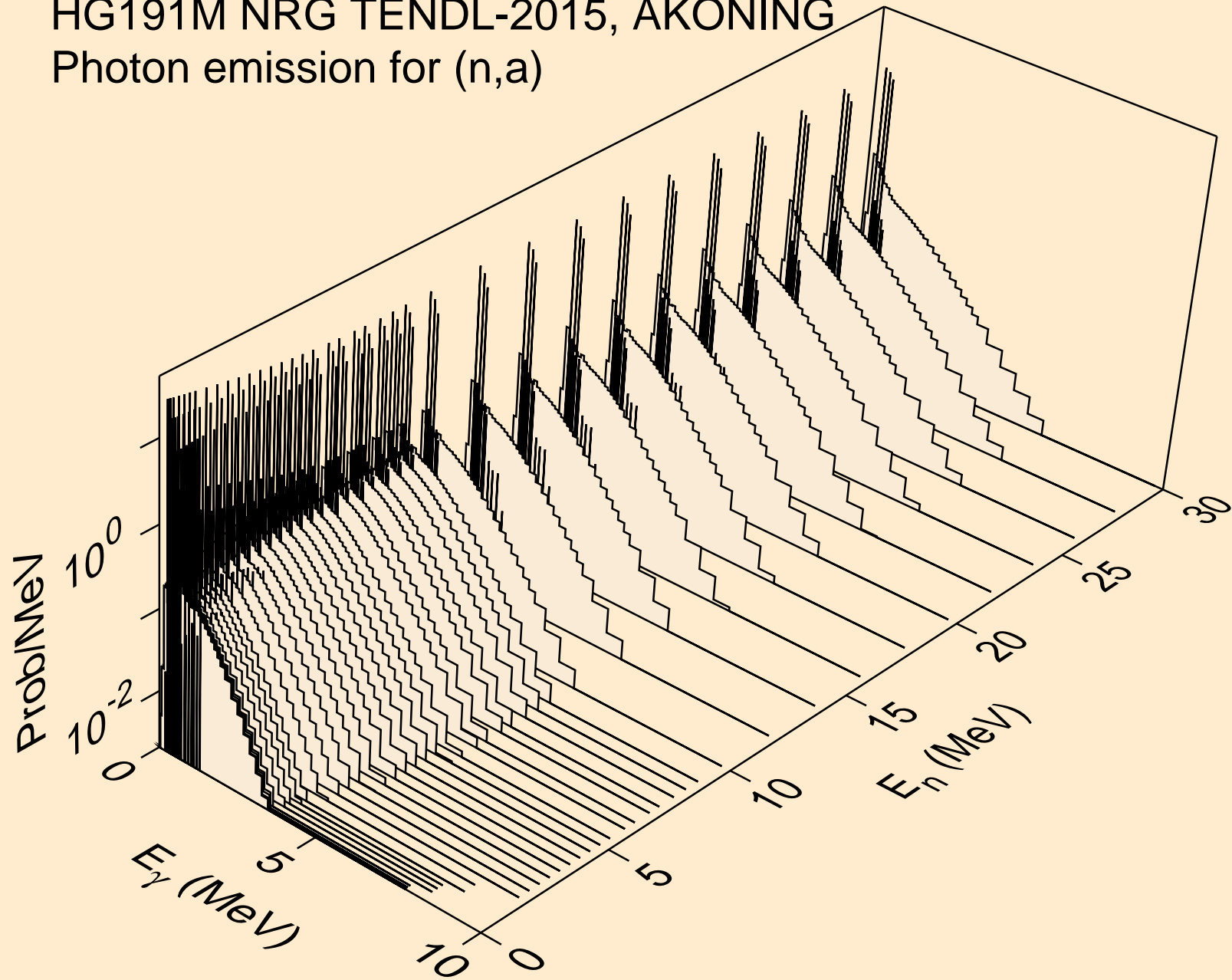
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,t)



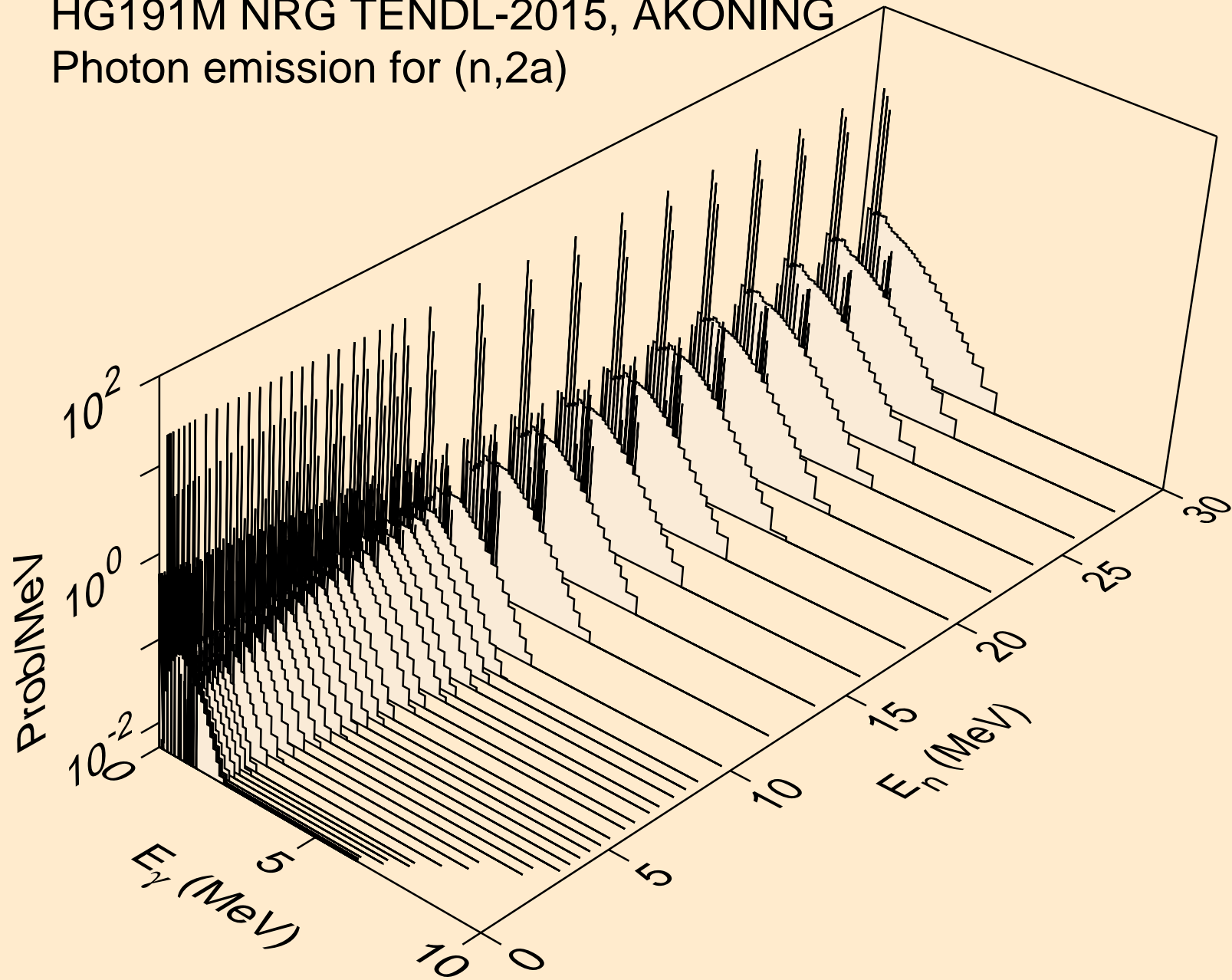
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



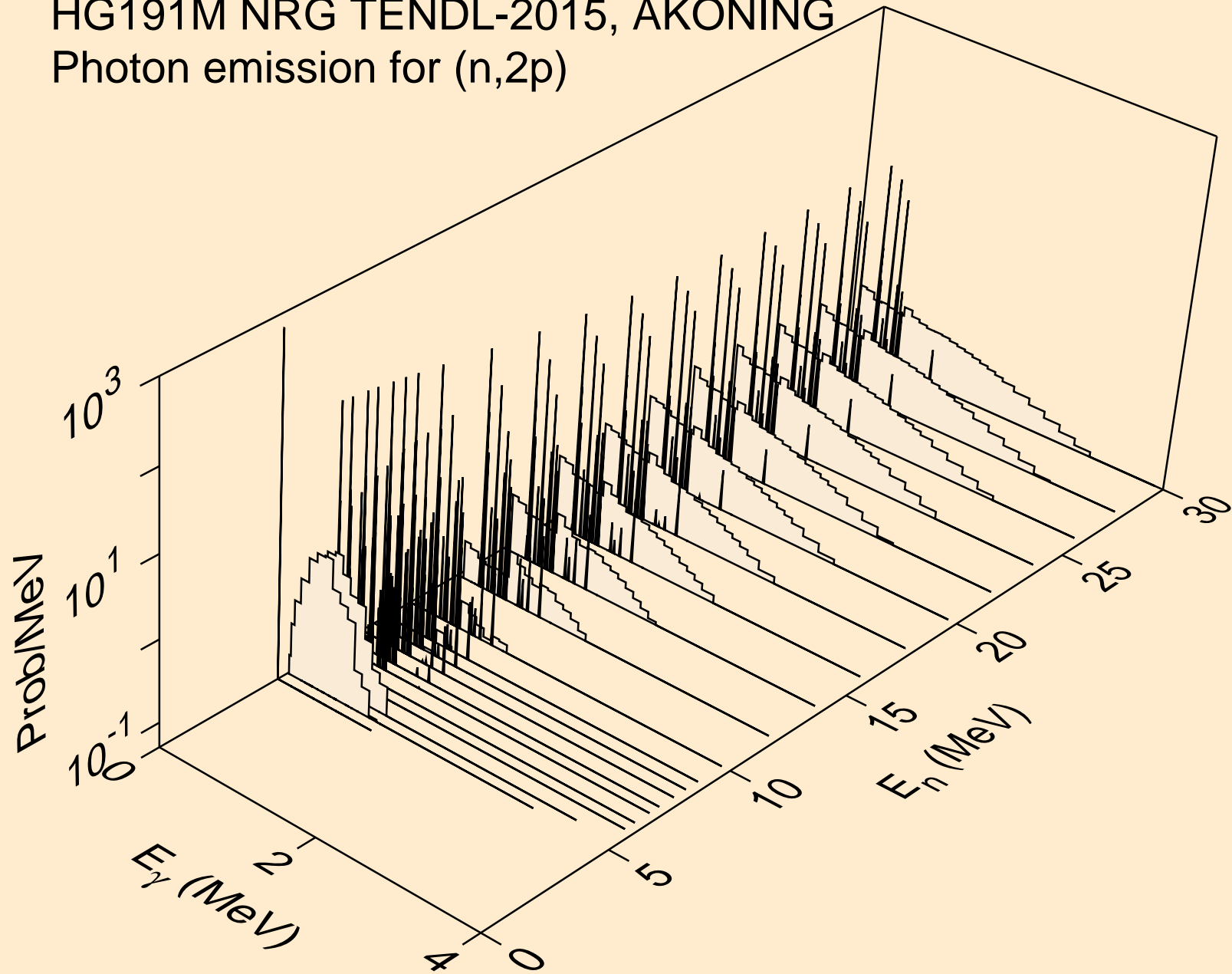
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,a)



HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

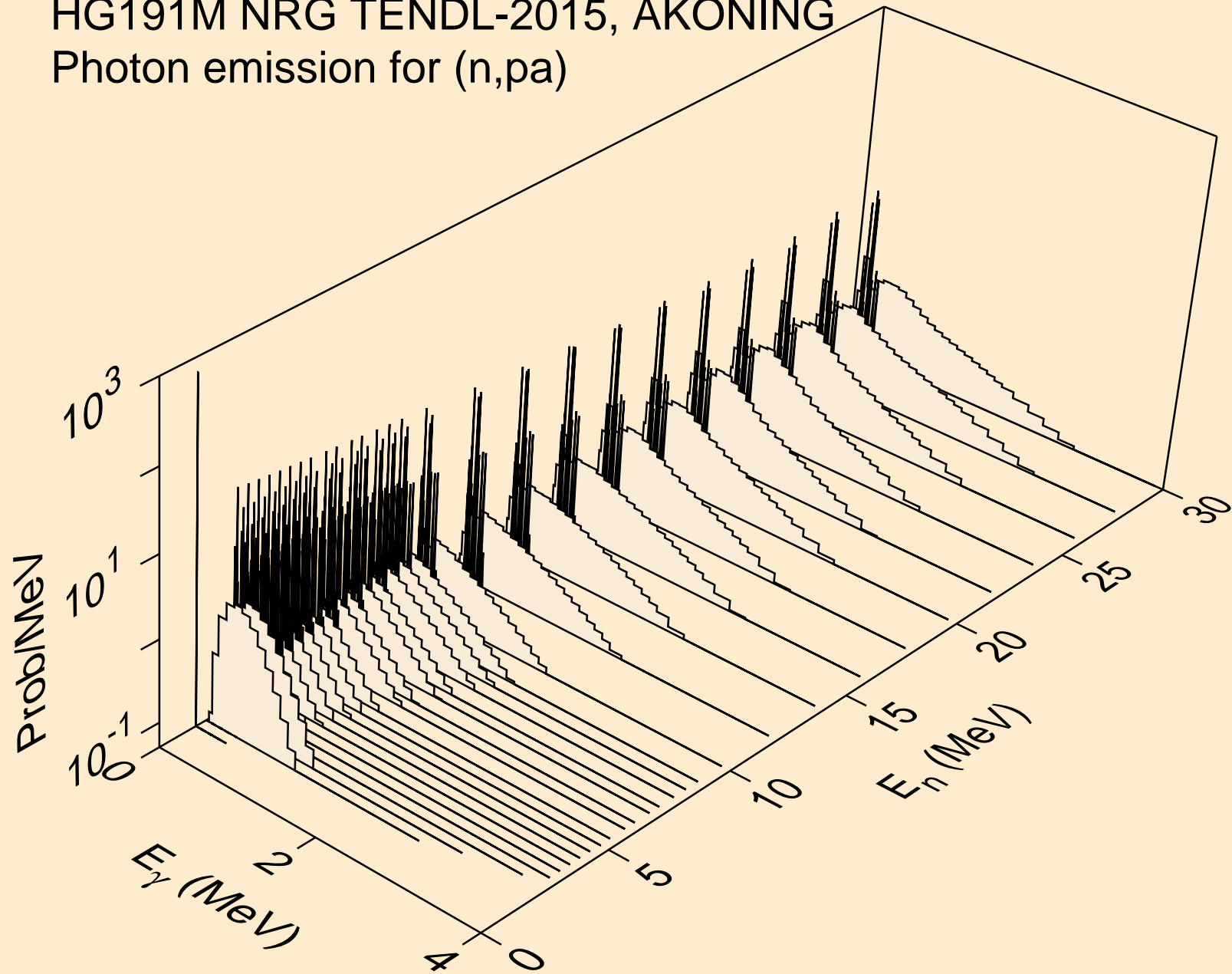


HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

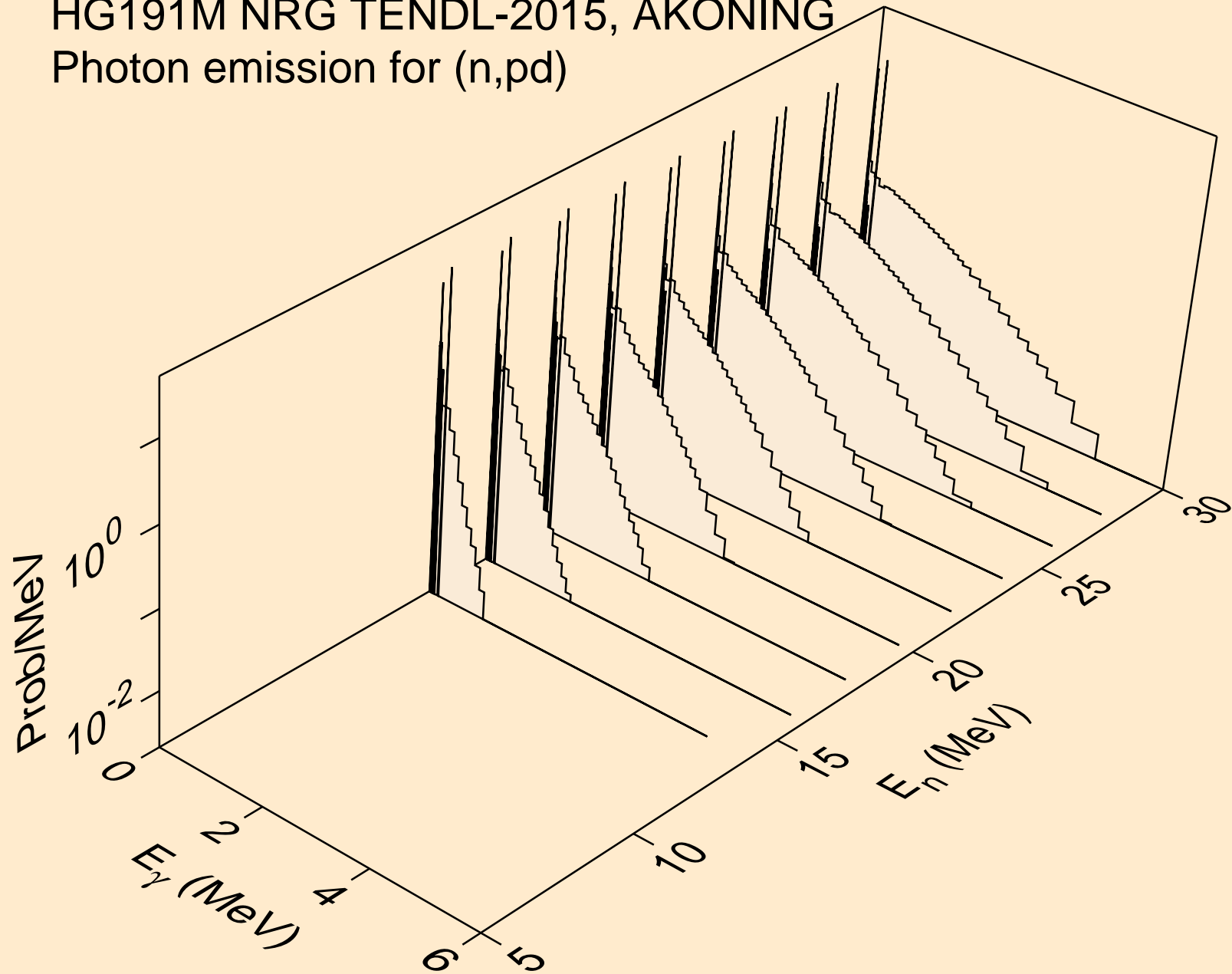




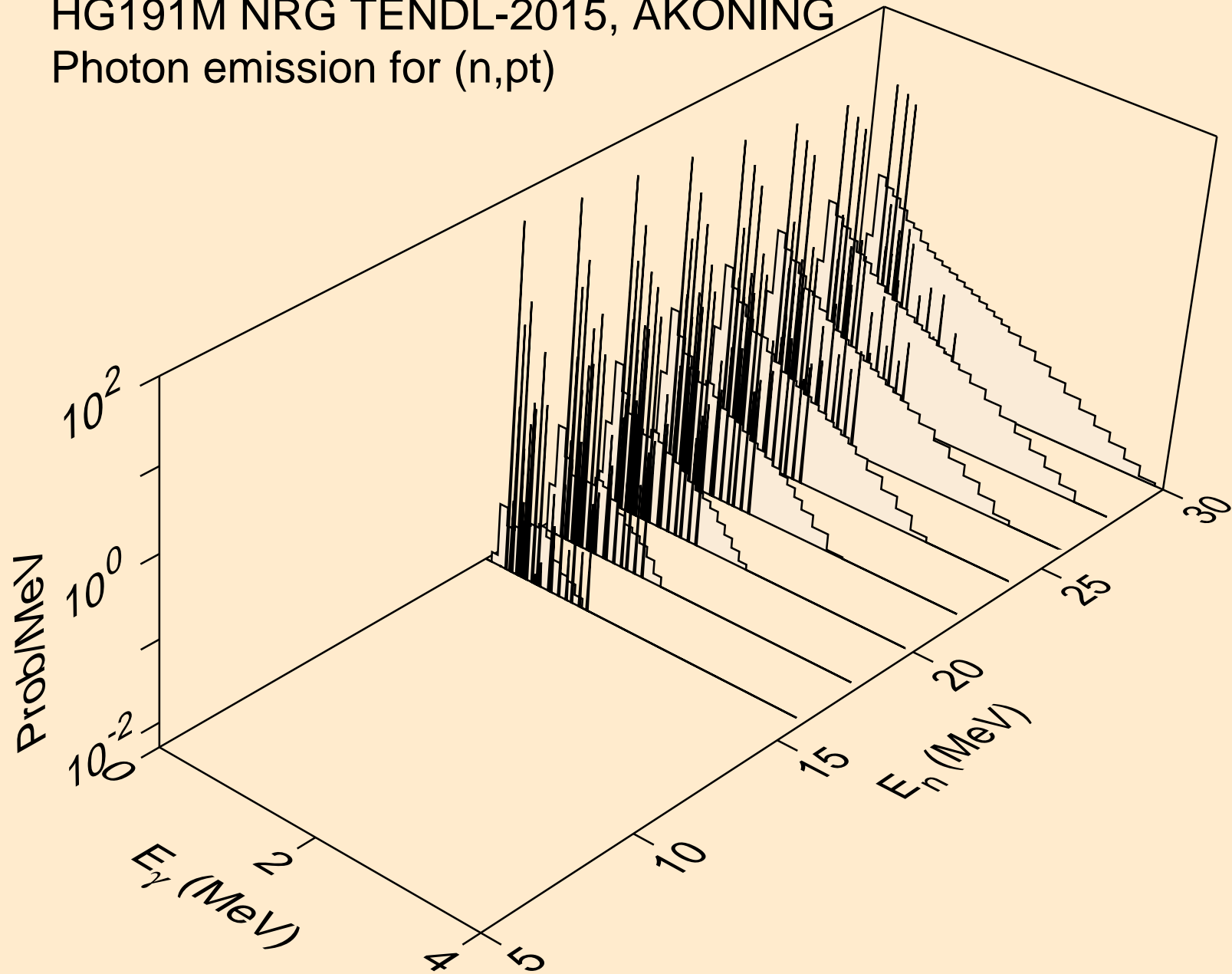
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



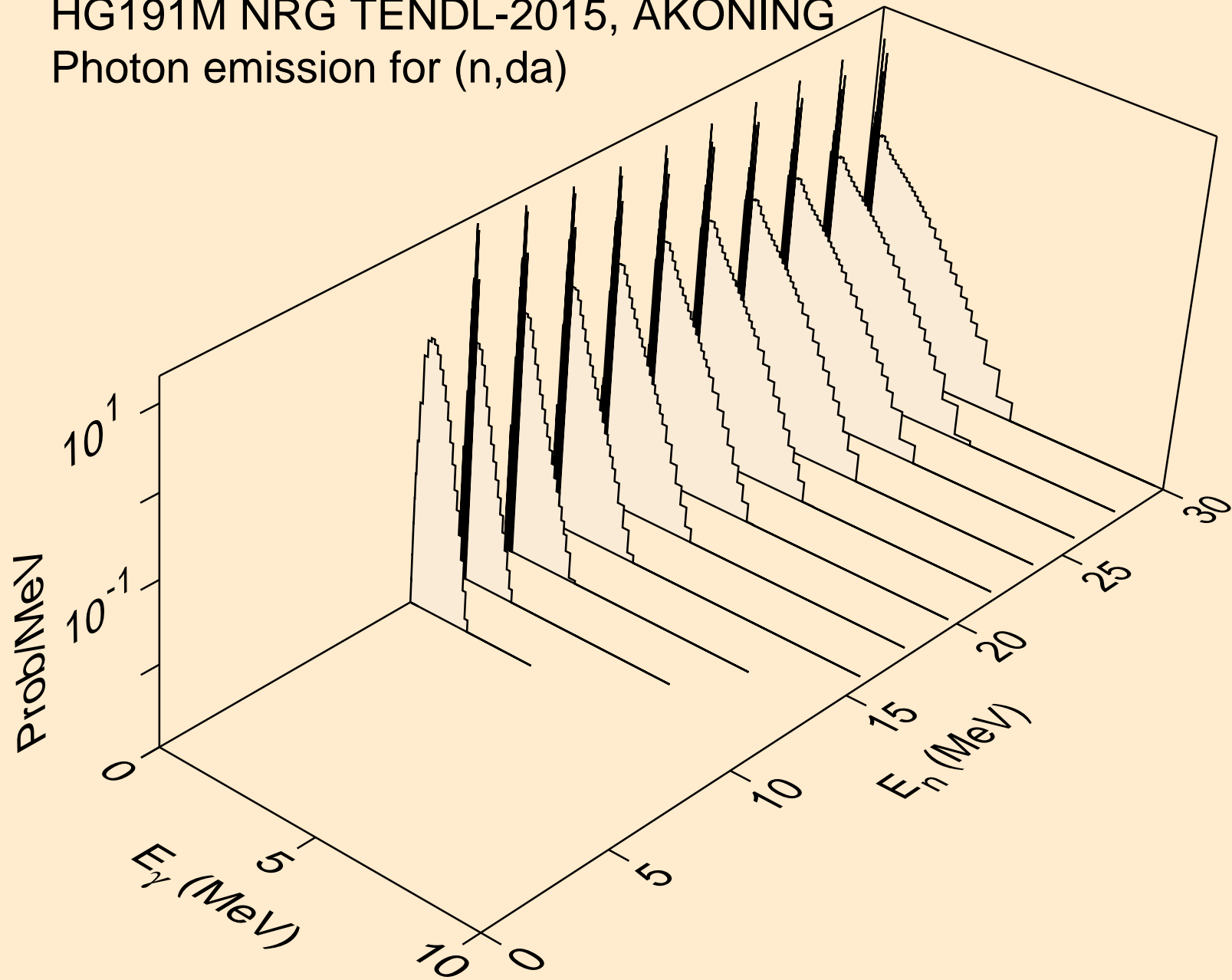
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



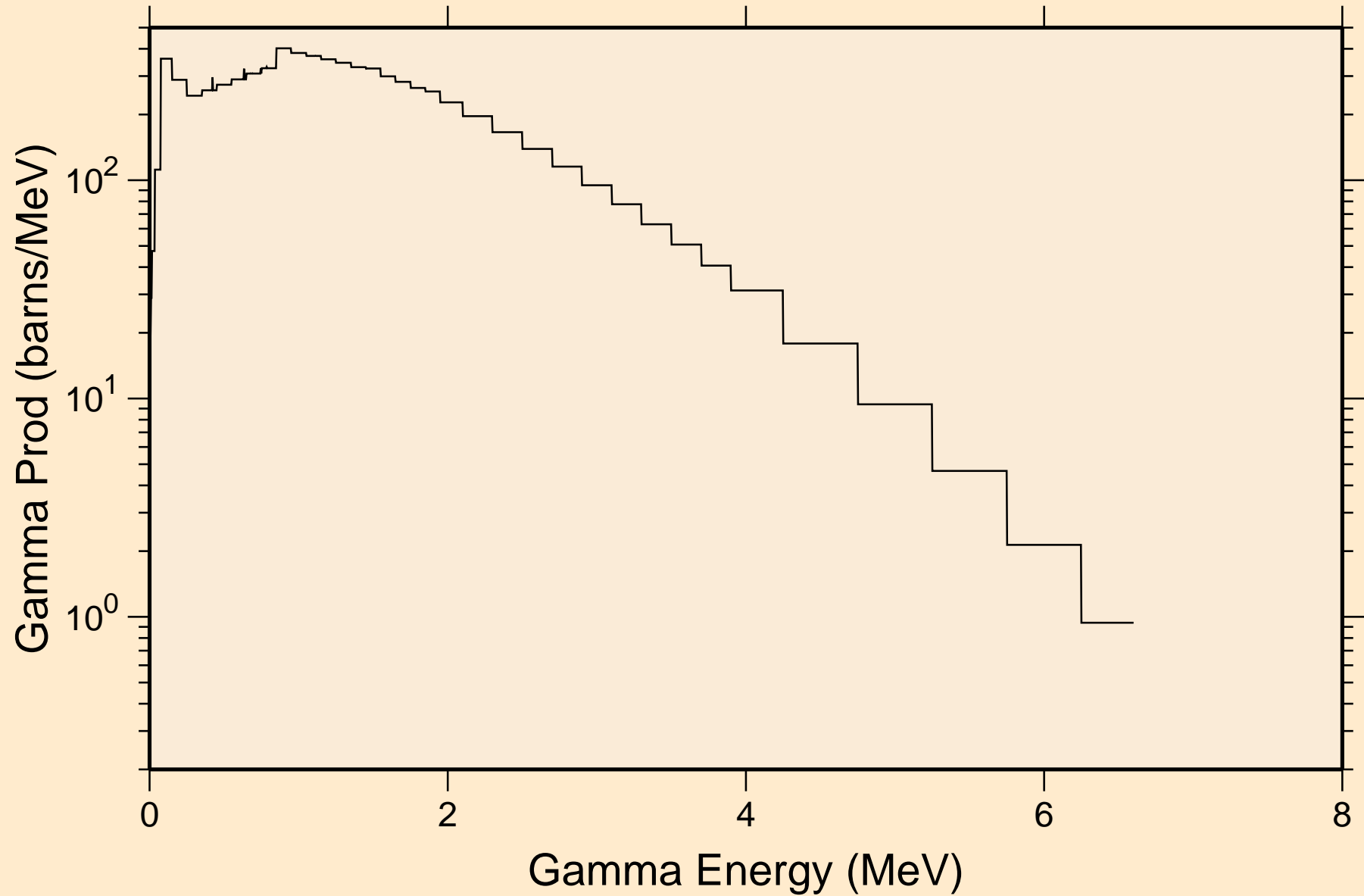
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Photon emission for (n,pt)



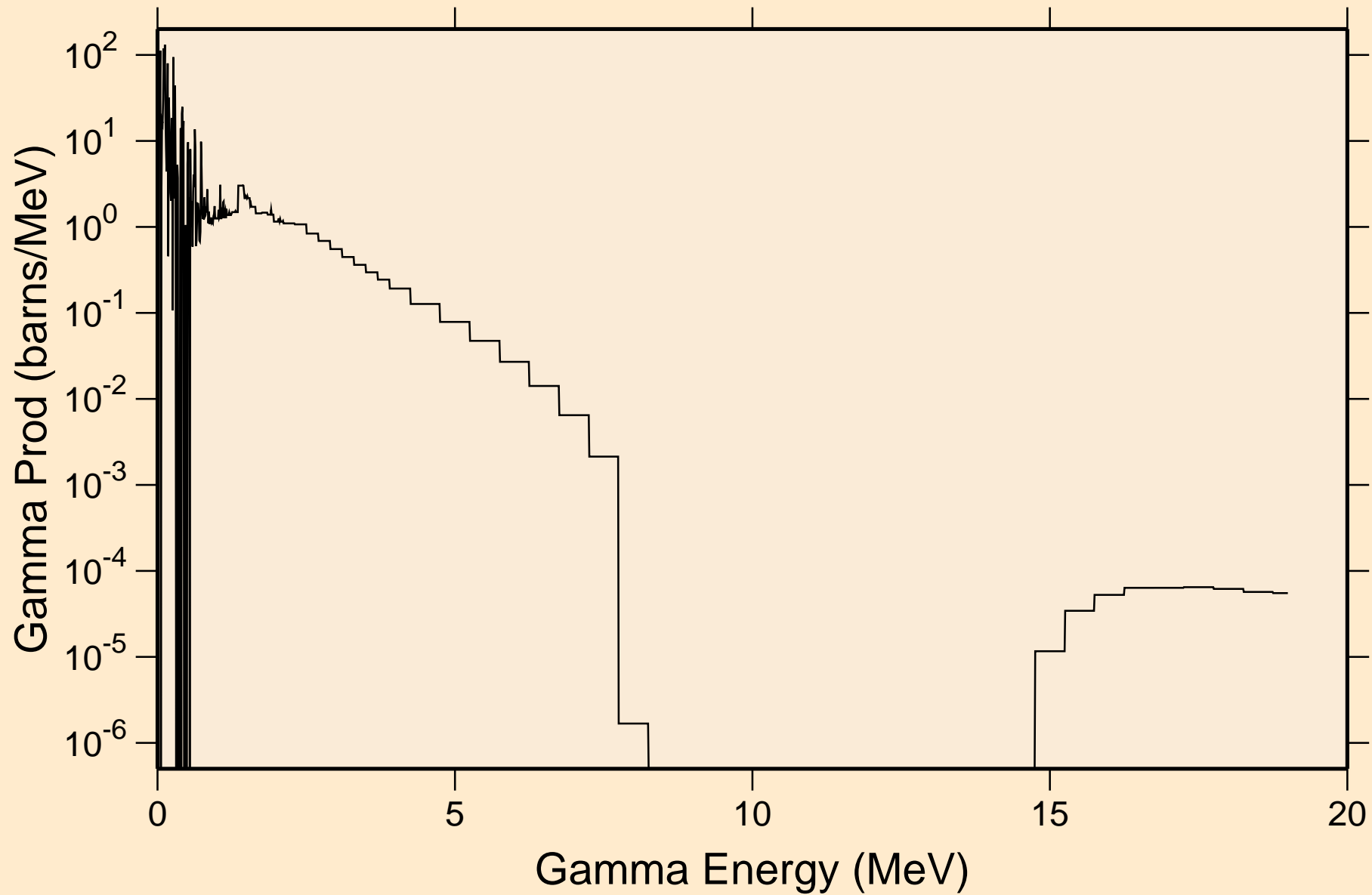
HG191M NRG TENDL-2015, AKONING  
Photon emission for (n,da)



HG191M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

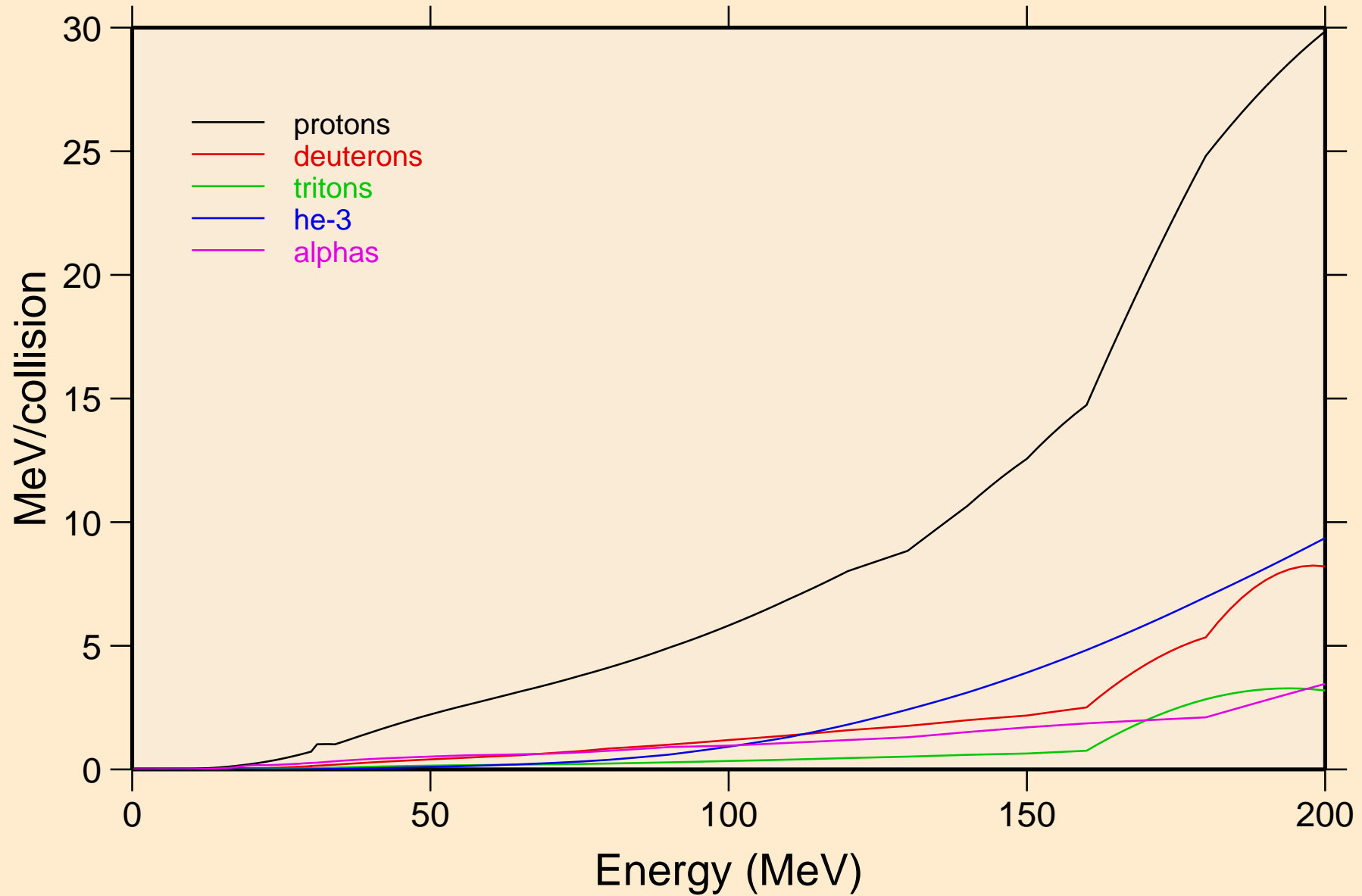


HG191M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



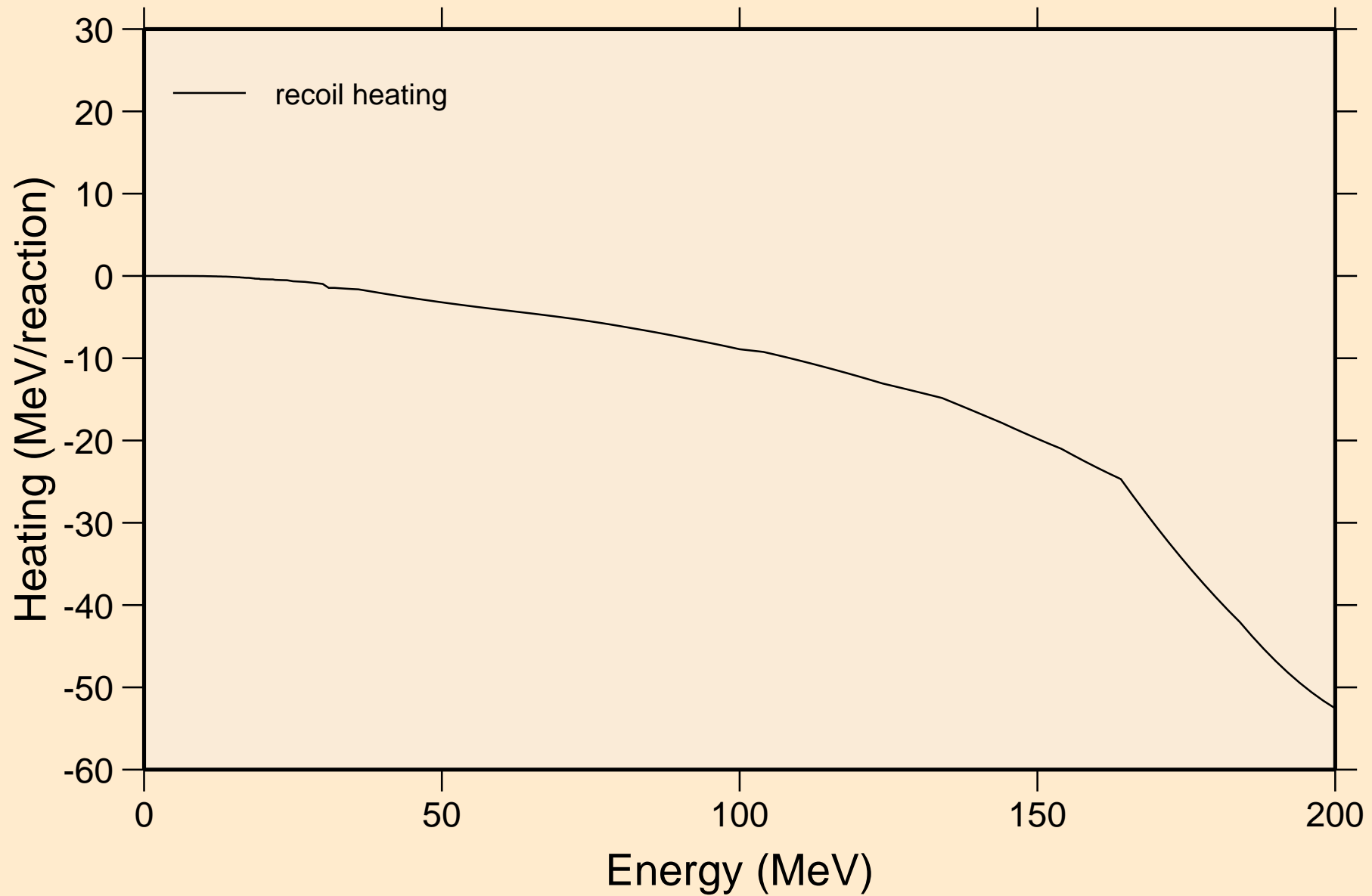
# HG191M NRG TENDL-2015, AKONING

## Particle heating contributions



# HG191M NRG TENDL-2015, AKONING

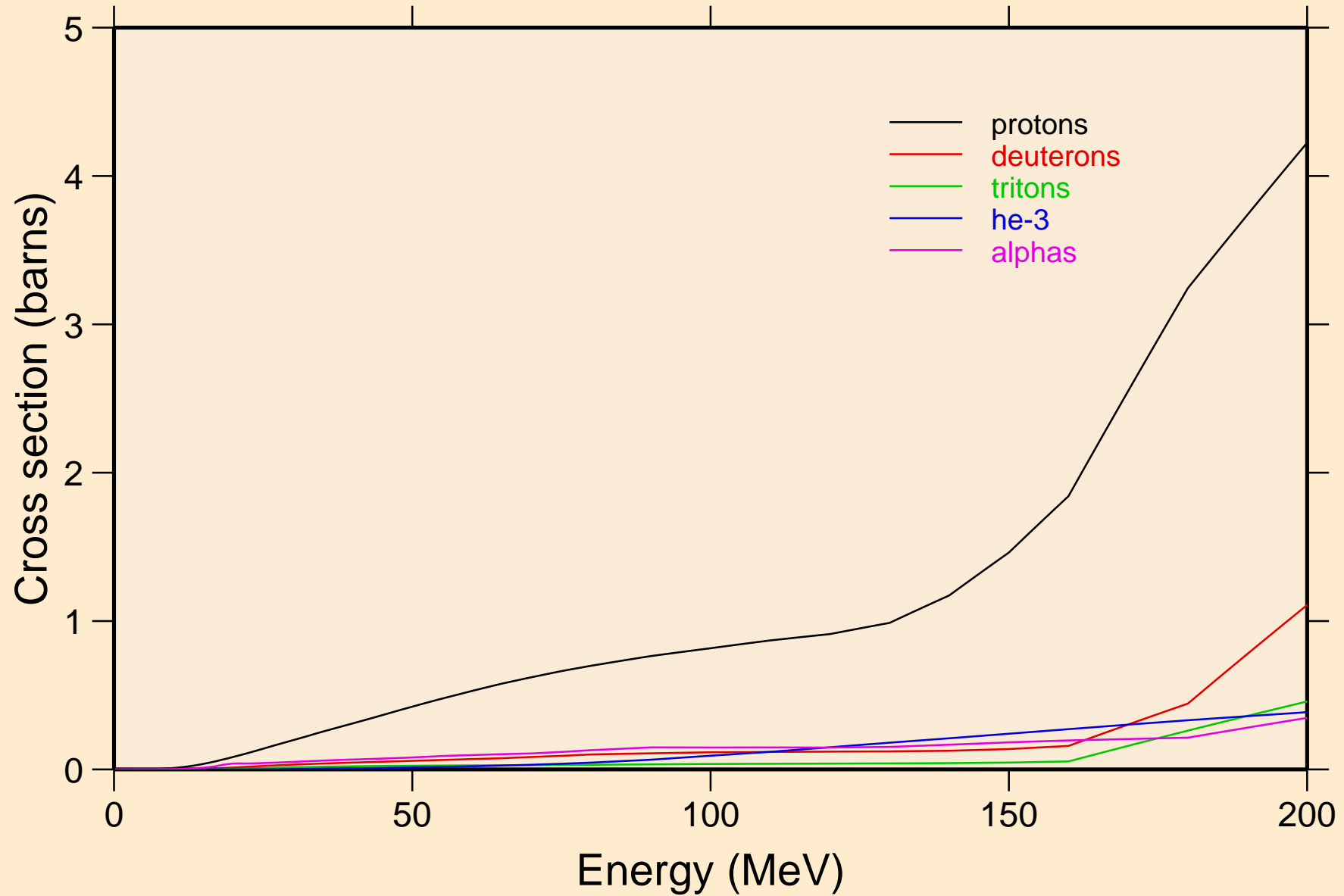
## Recoil Heating



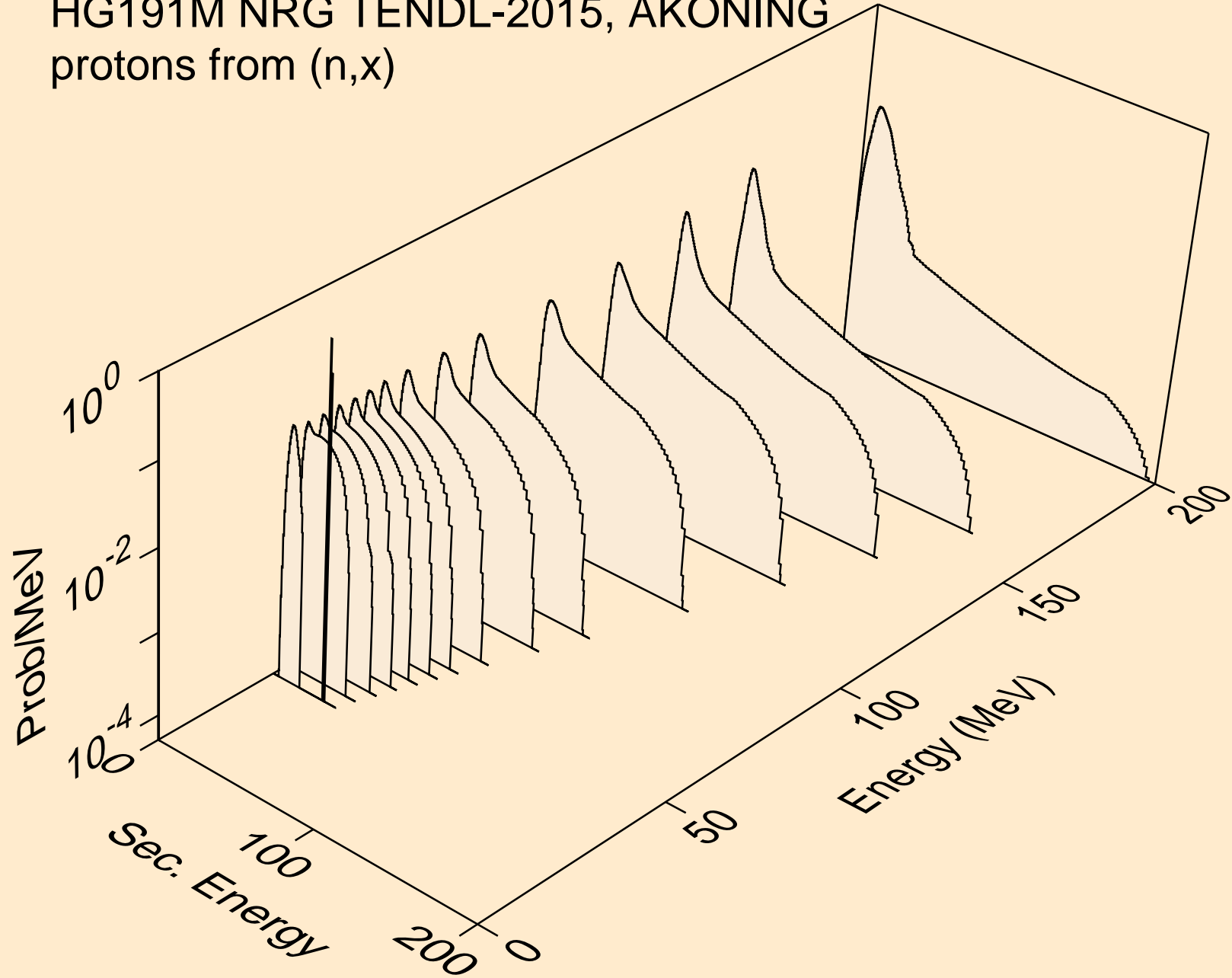


# HG191M NRG TENDL-2015, AKONING

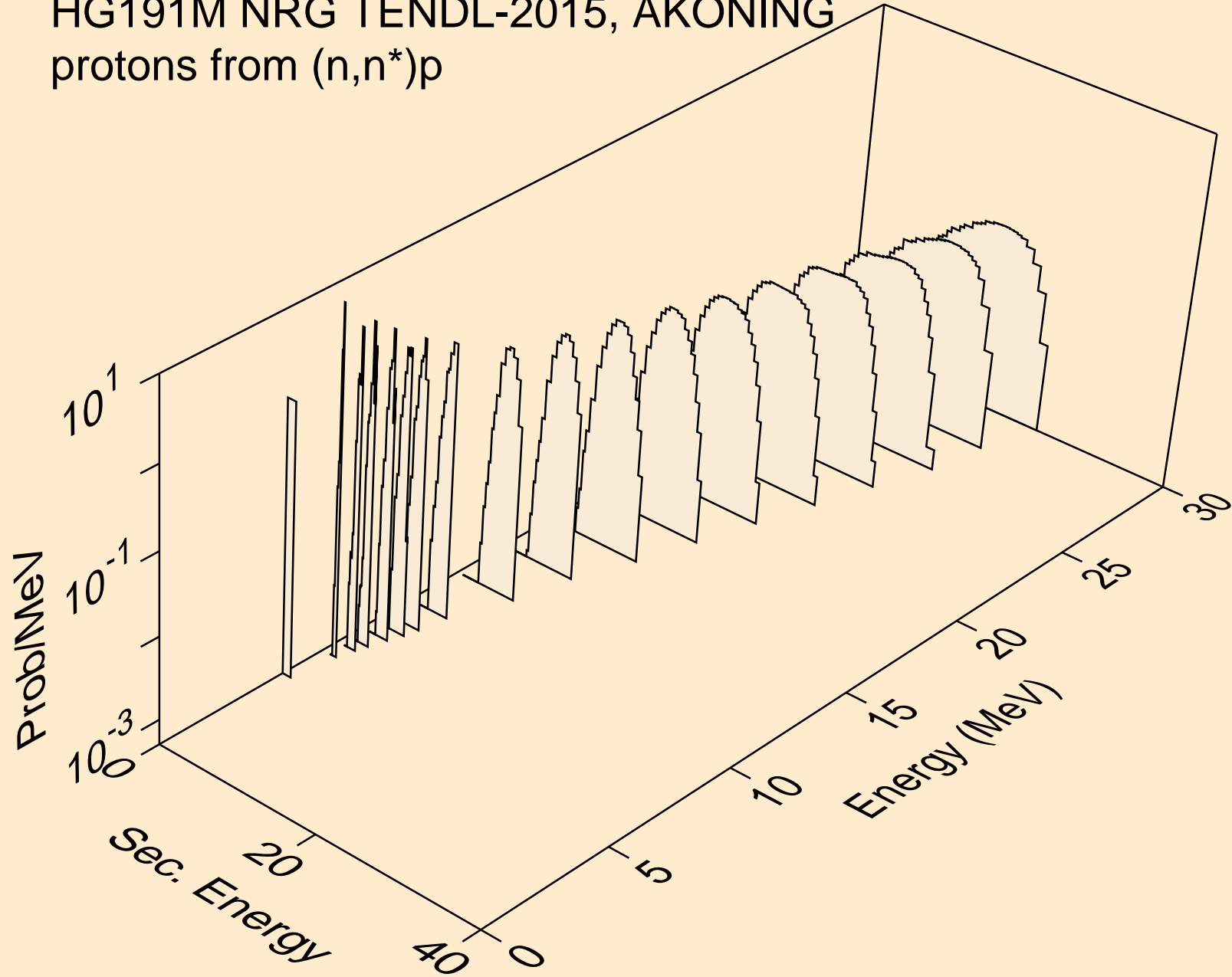
## Particle production cross sections



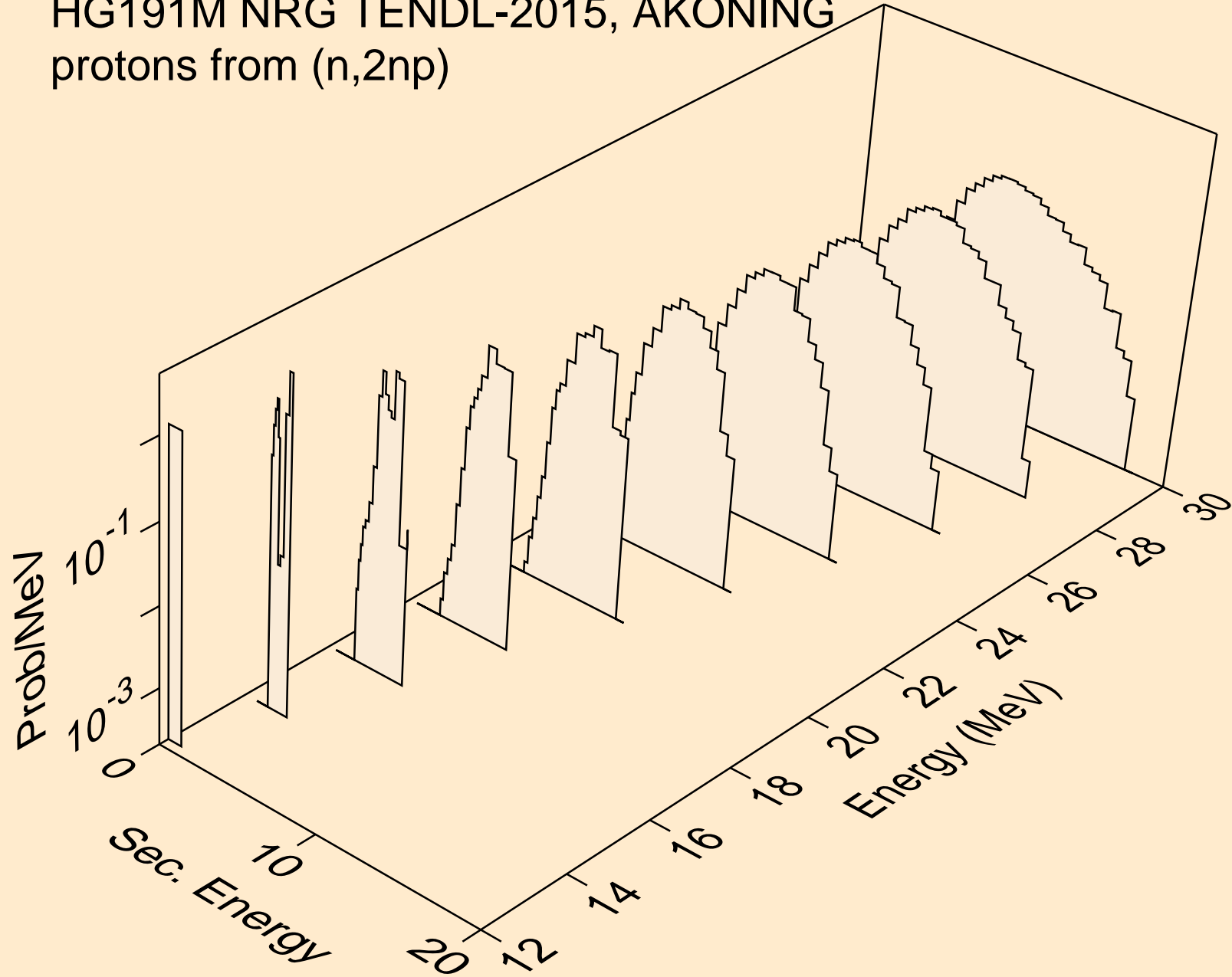
HG191M NRG TENDL-2015, AKONING  
protons from (n,x)



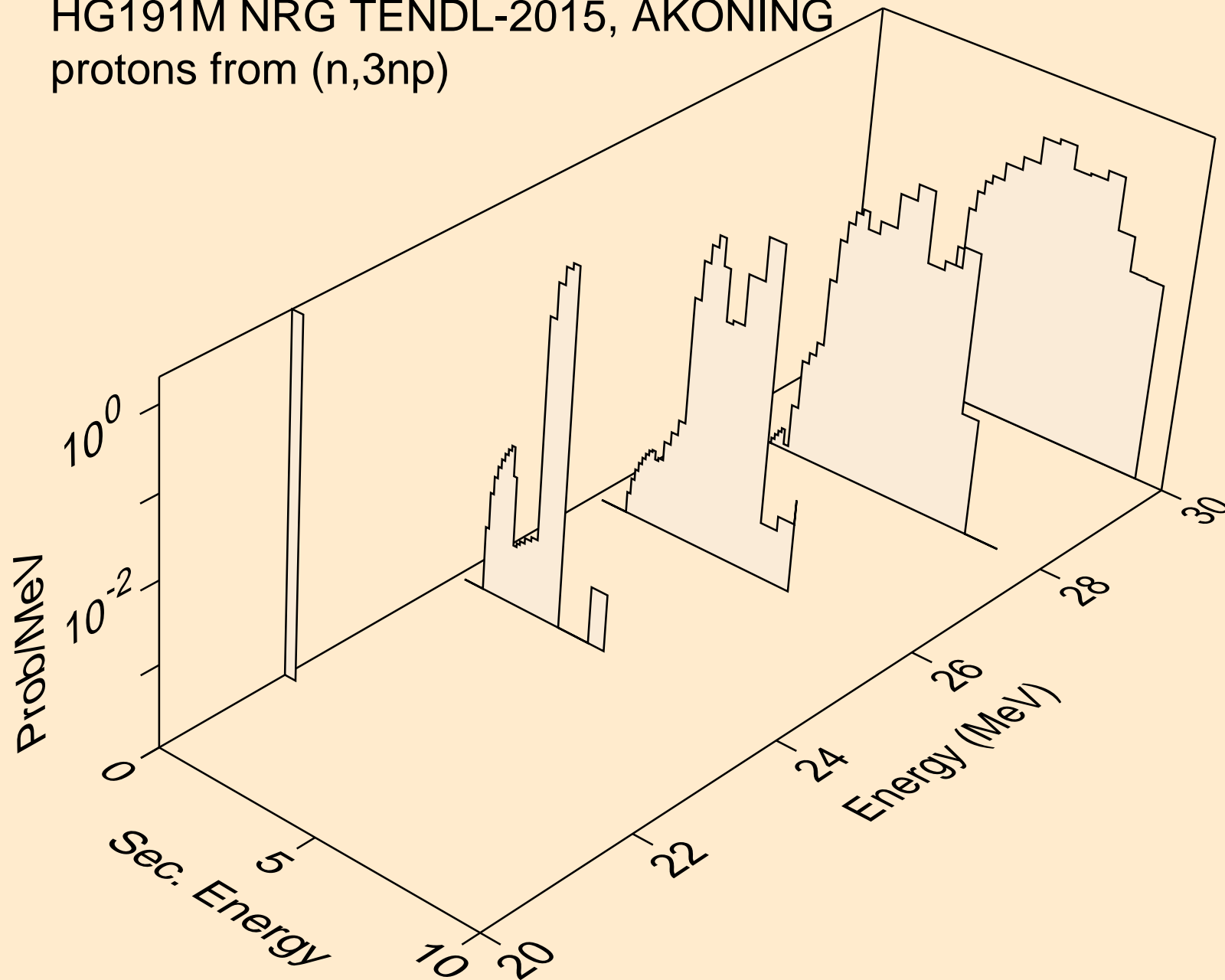
HG191M NRG TENDL-2015, AKONING  
protons from (n,n\*)p



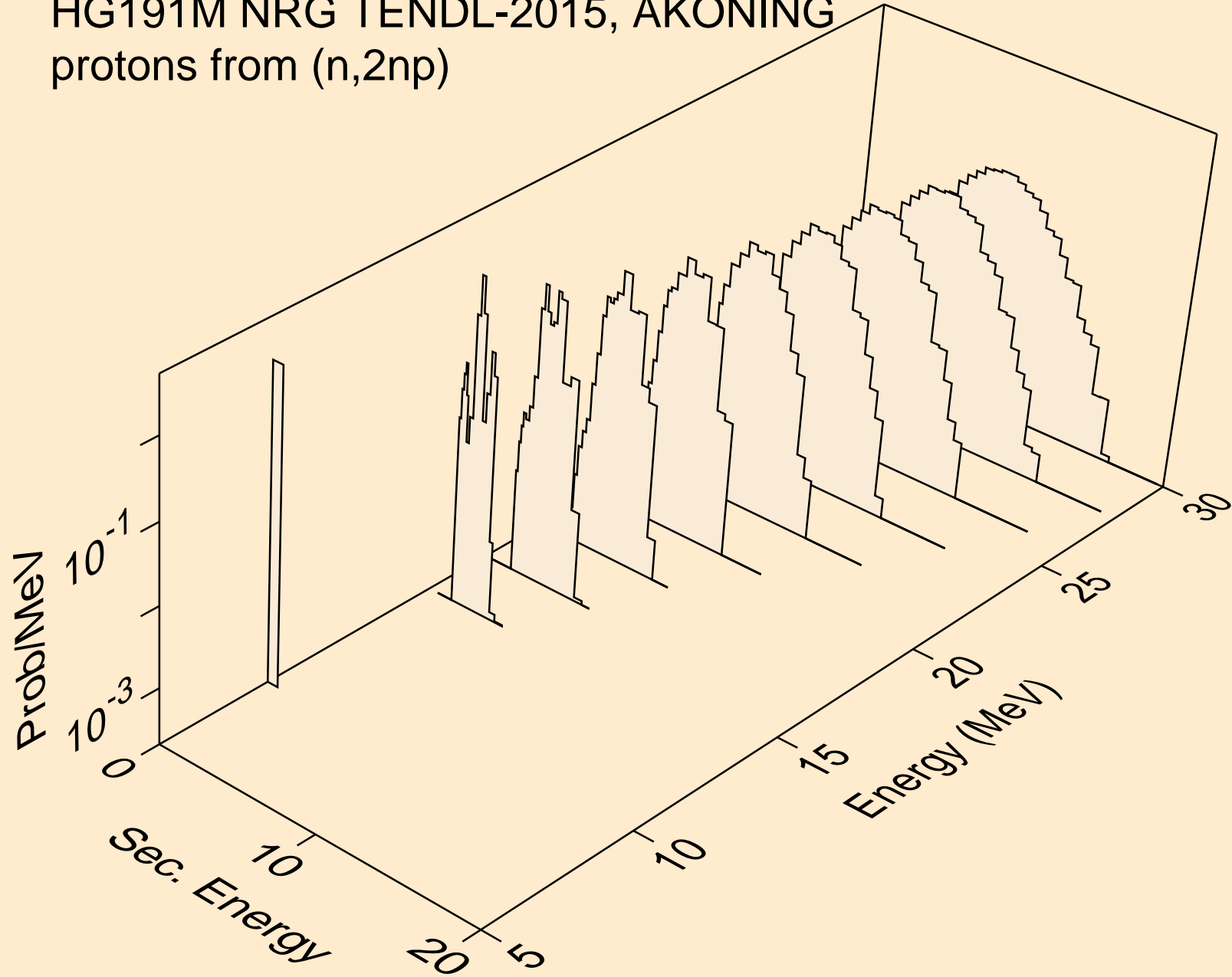
HG191M NRG TENDL-2015, AKONING  
protons from (n,2np)



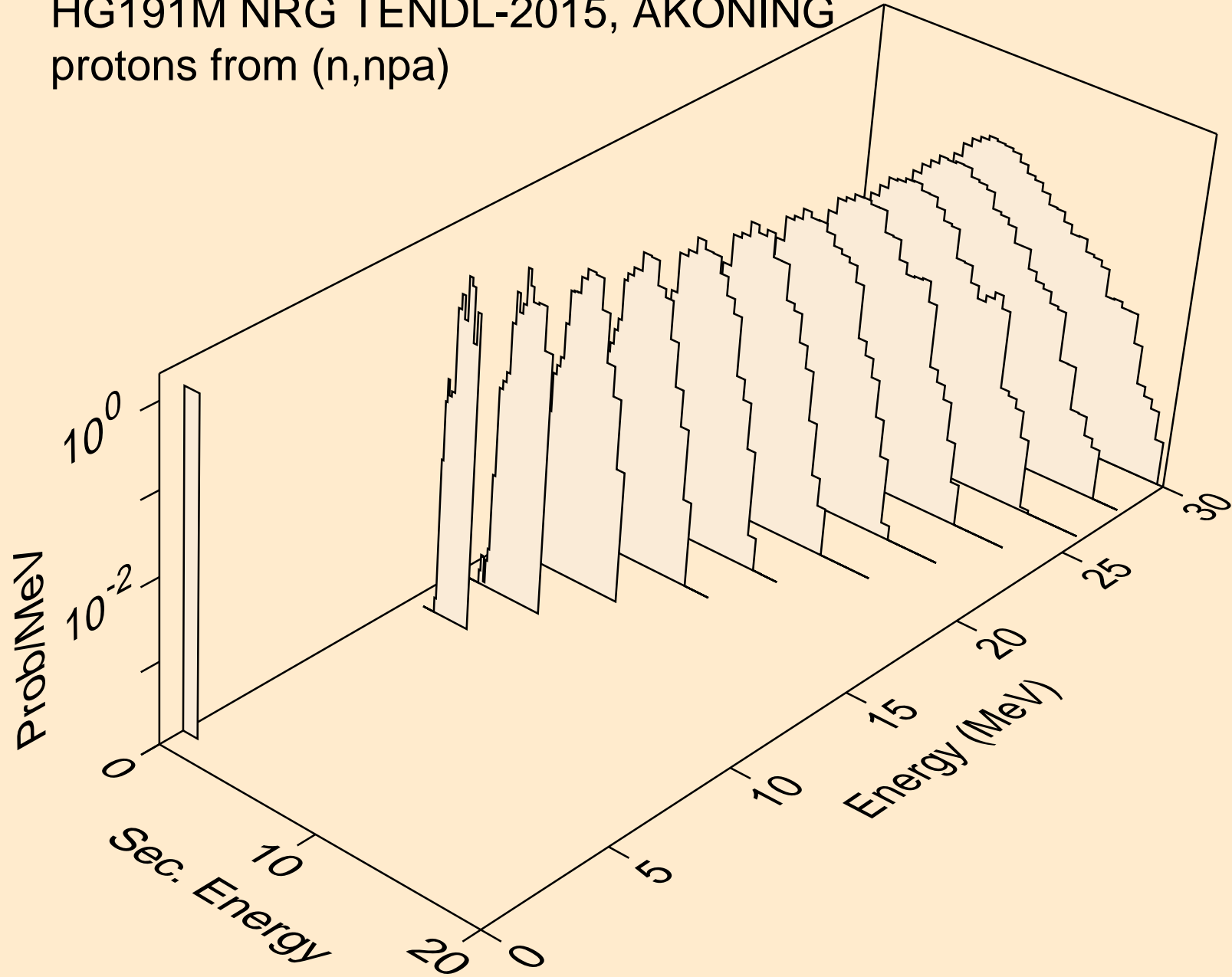
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protons from (n,3np)



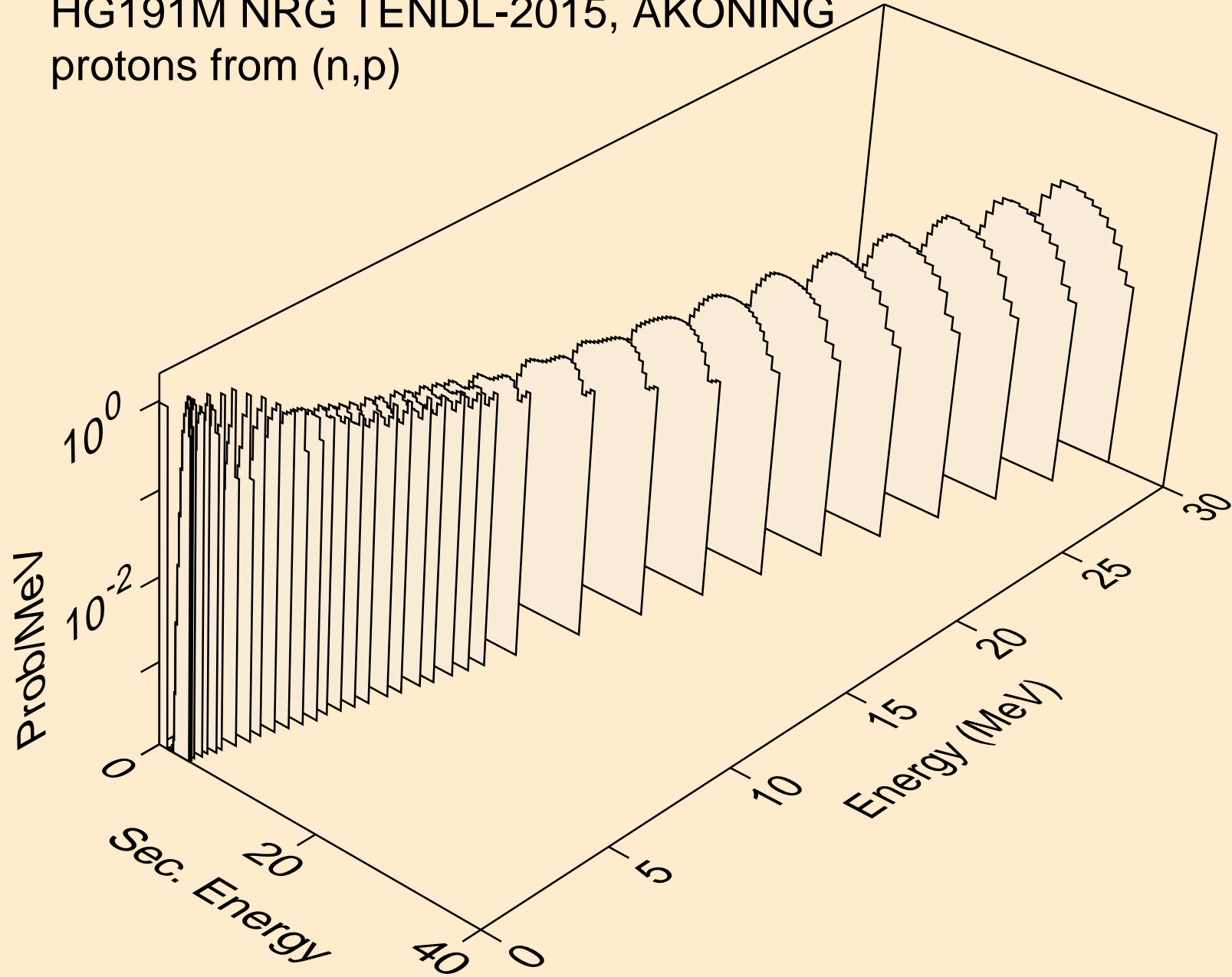
HG191M NRG TENDL-2015, AKONING  
protons from (n,2np)



HG191M NRG TENDL-2015, AKONING  
protons from (n,npa)

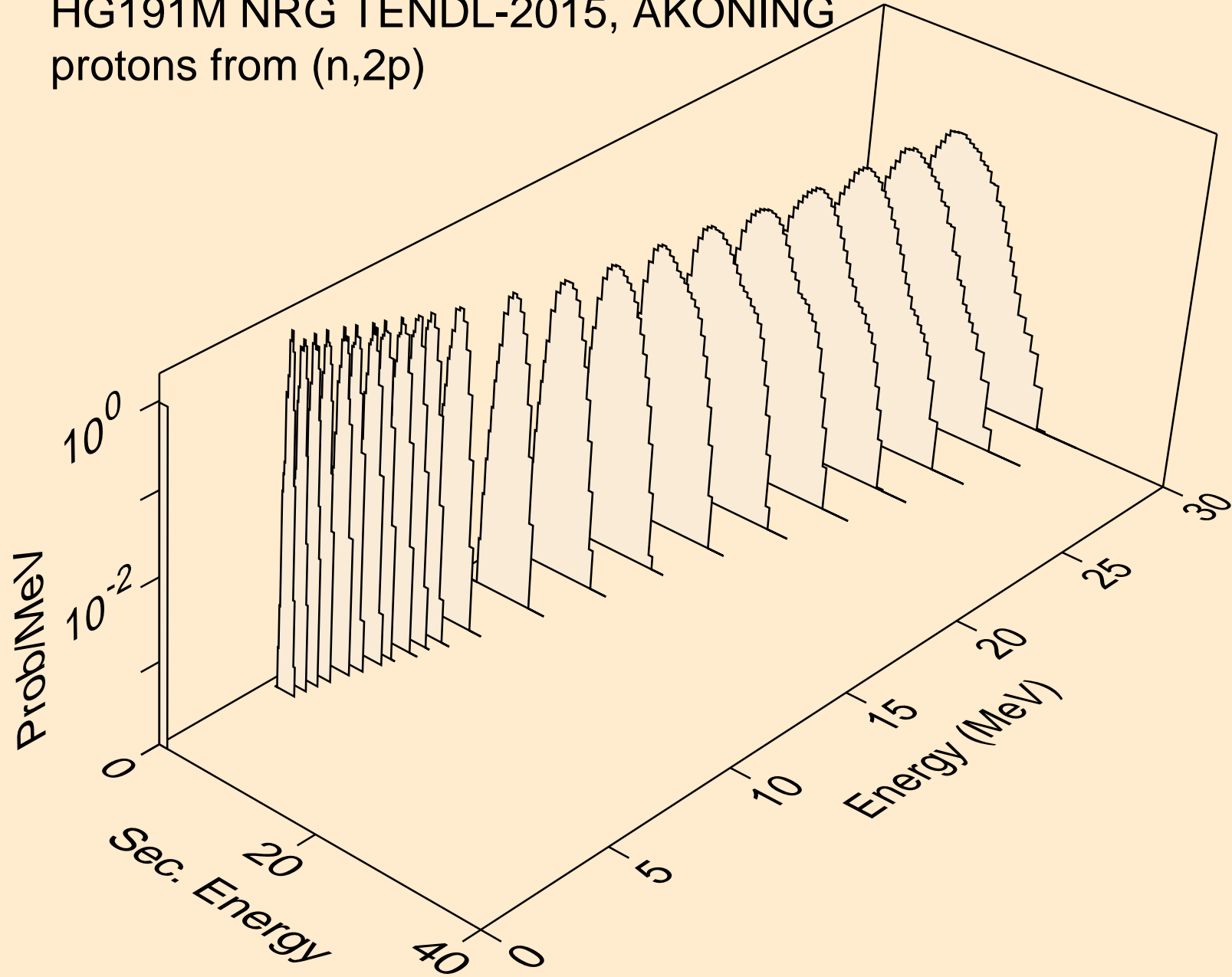


HG191M NRG TENDL-2015, AKONING  
protons from (n,p)

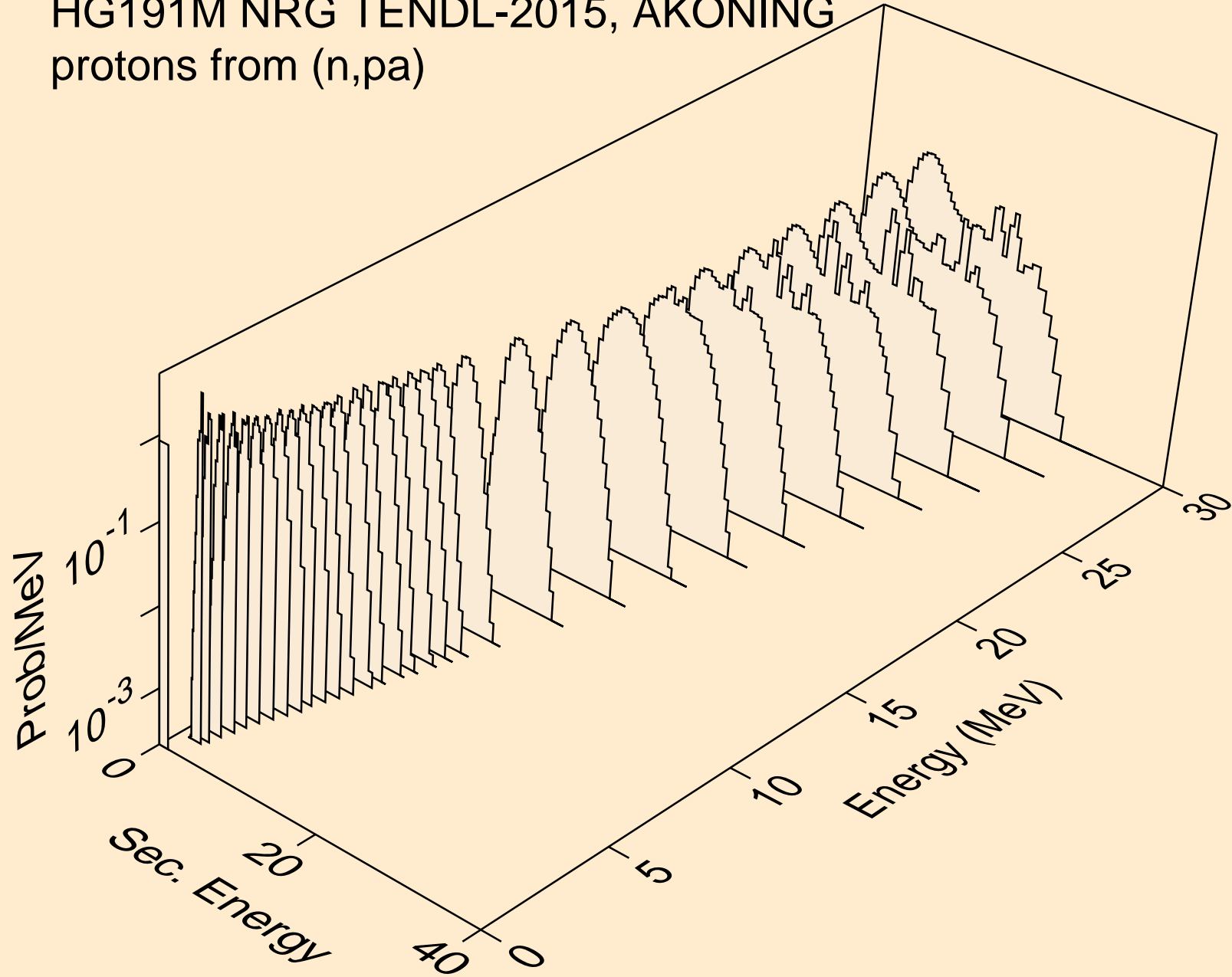




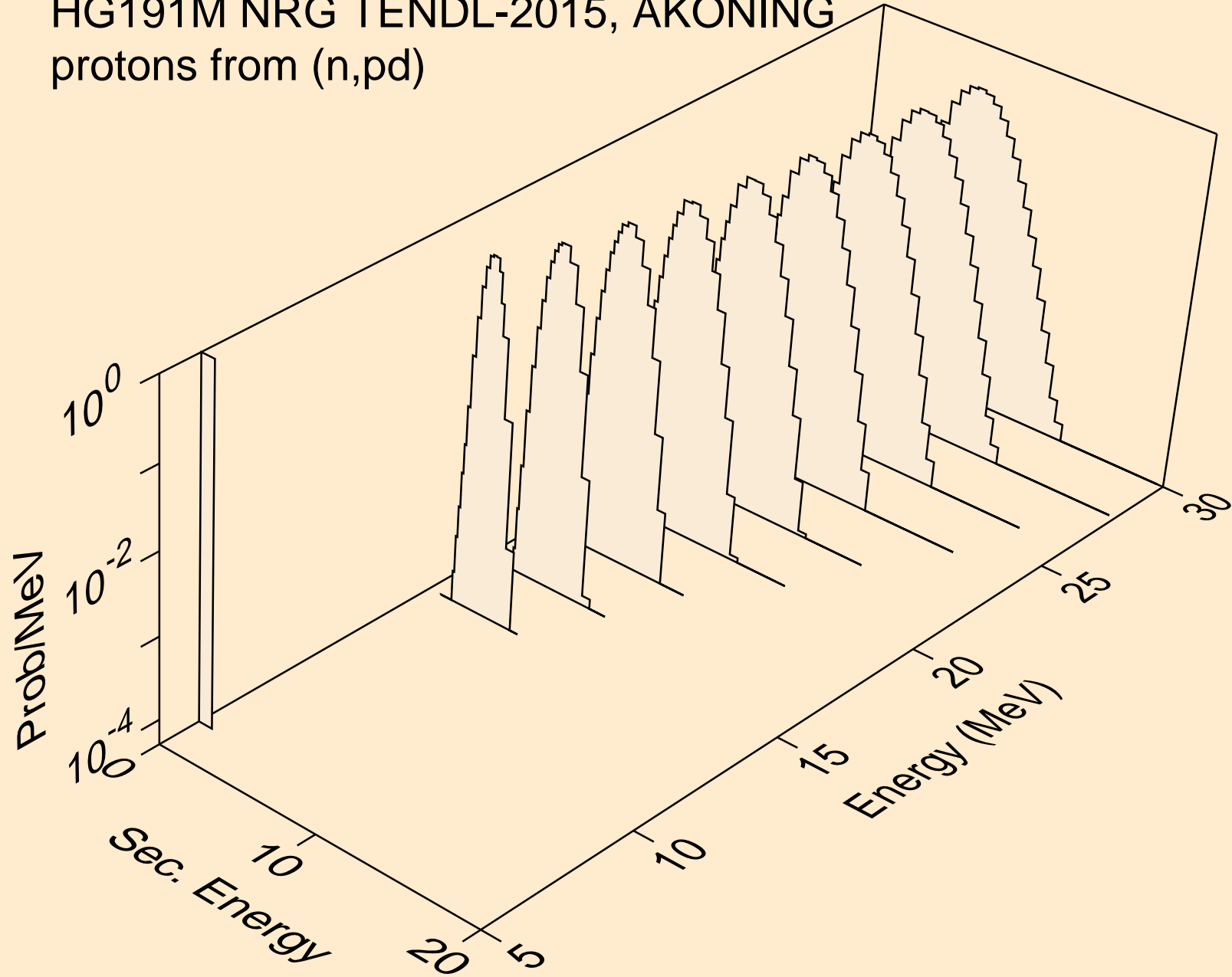
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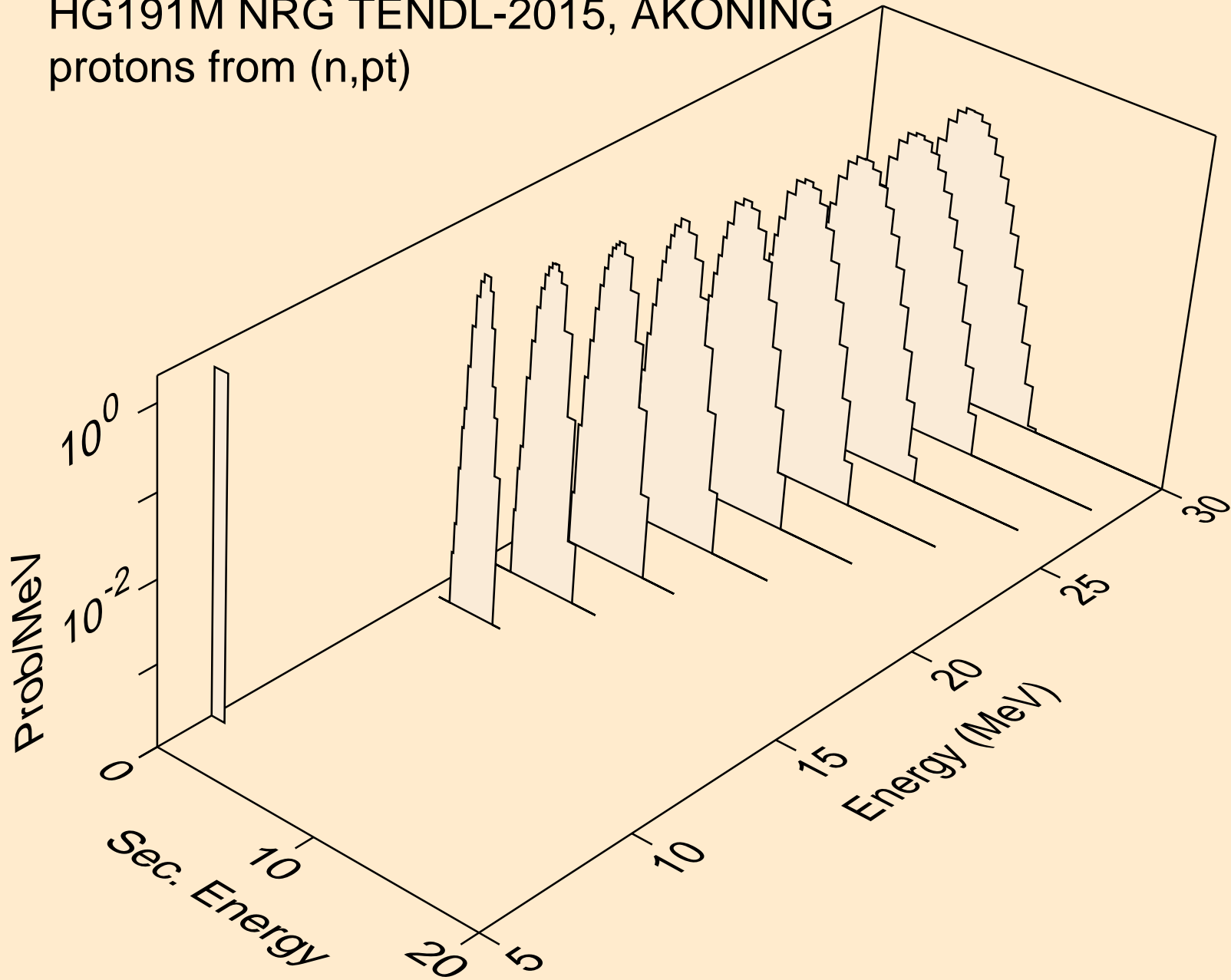
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protons from (n,pa)



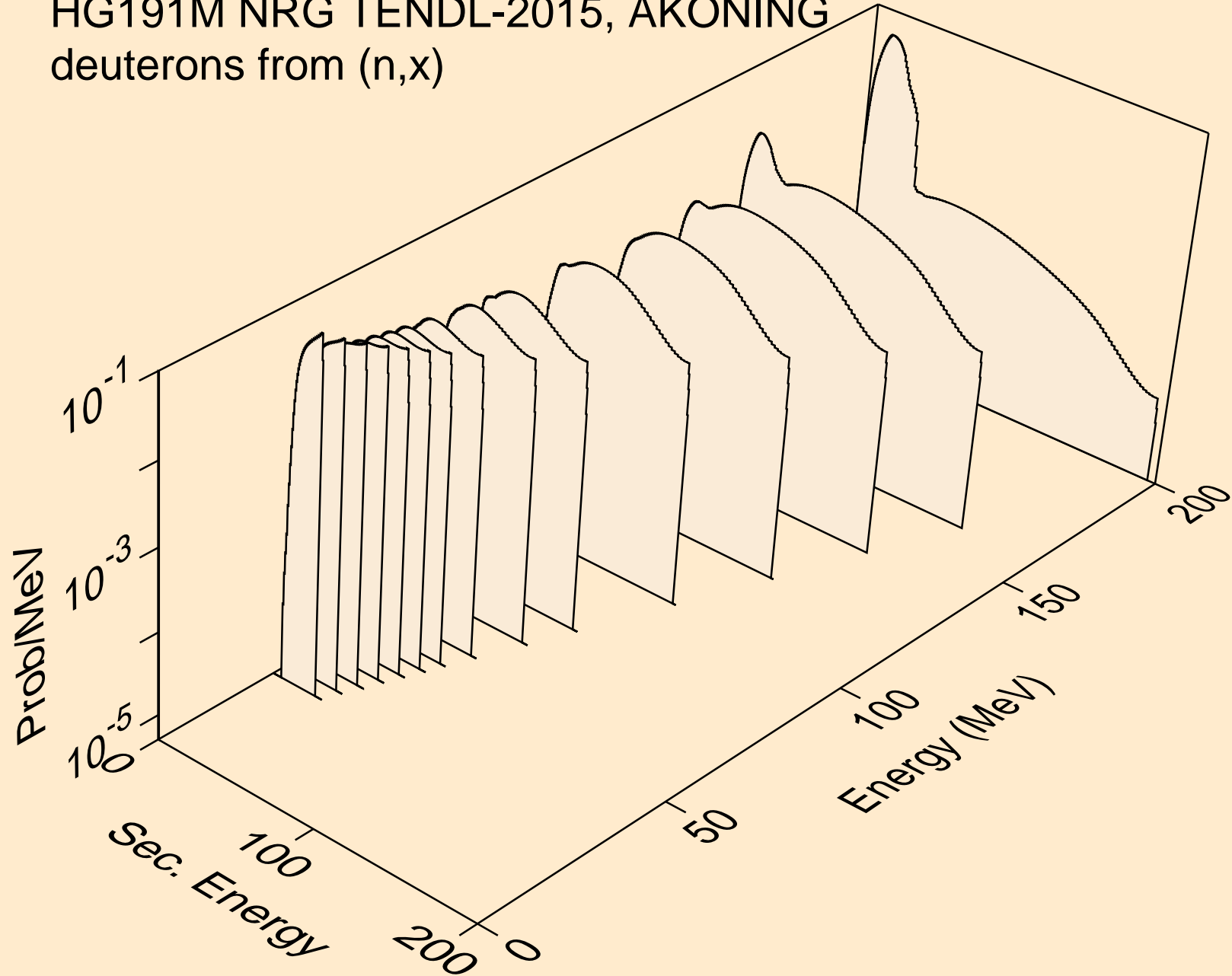
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protons from (n,pd)



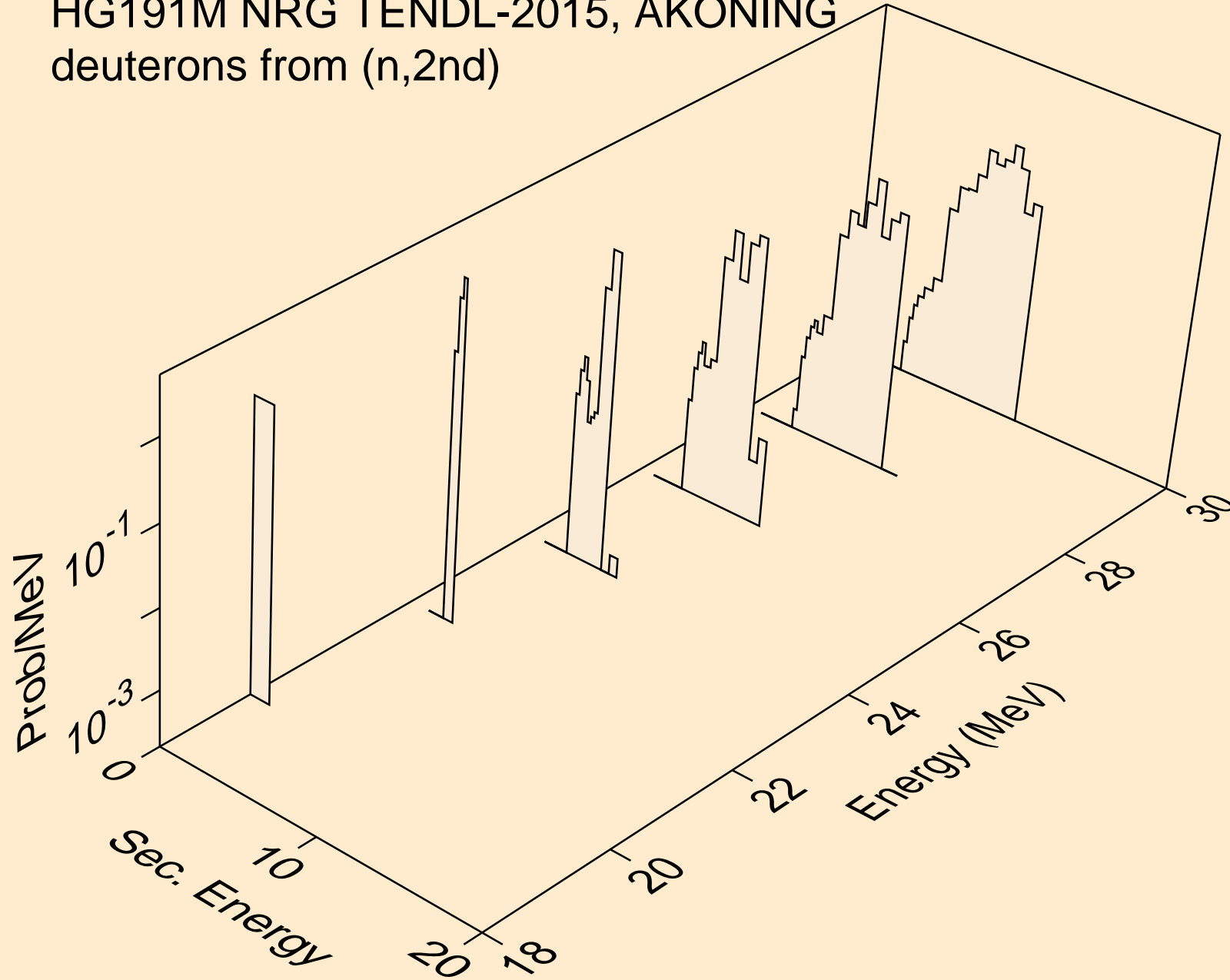
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protons from (n,pt)



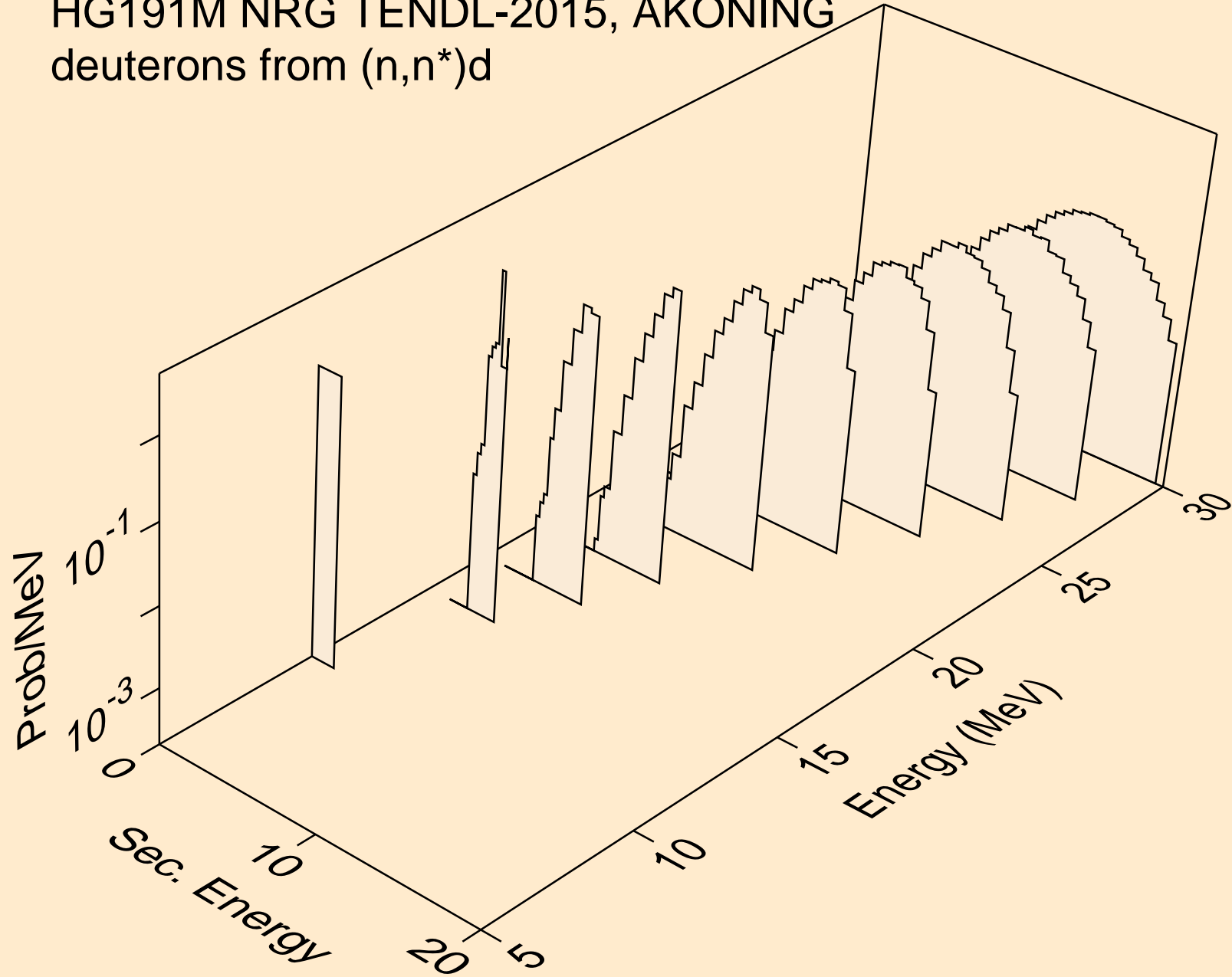
HG191M NRG TENDL-2015, AKONING  
deuterons from (n,x)



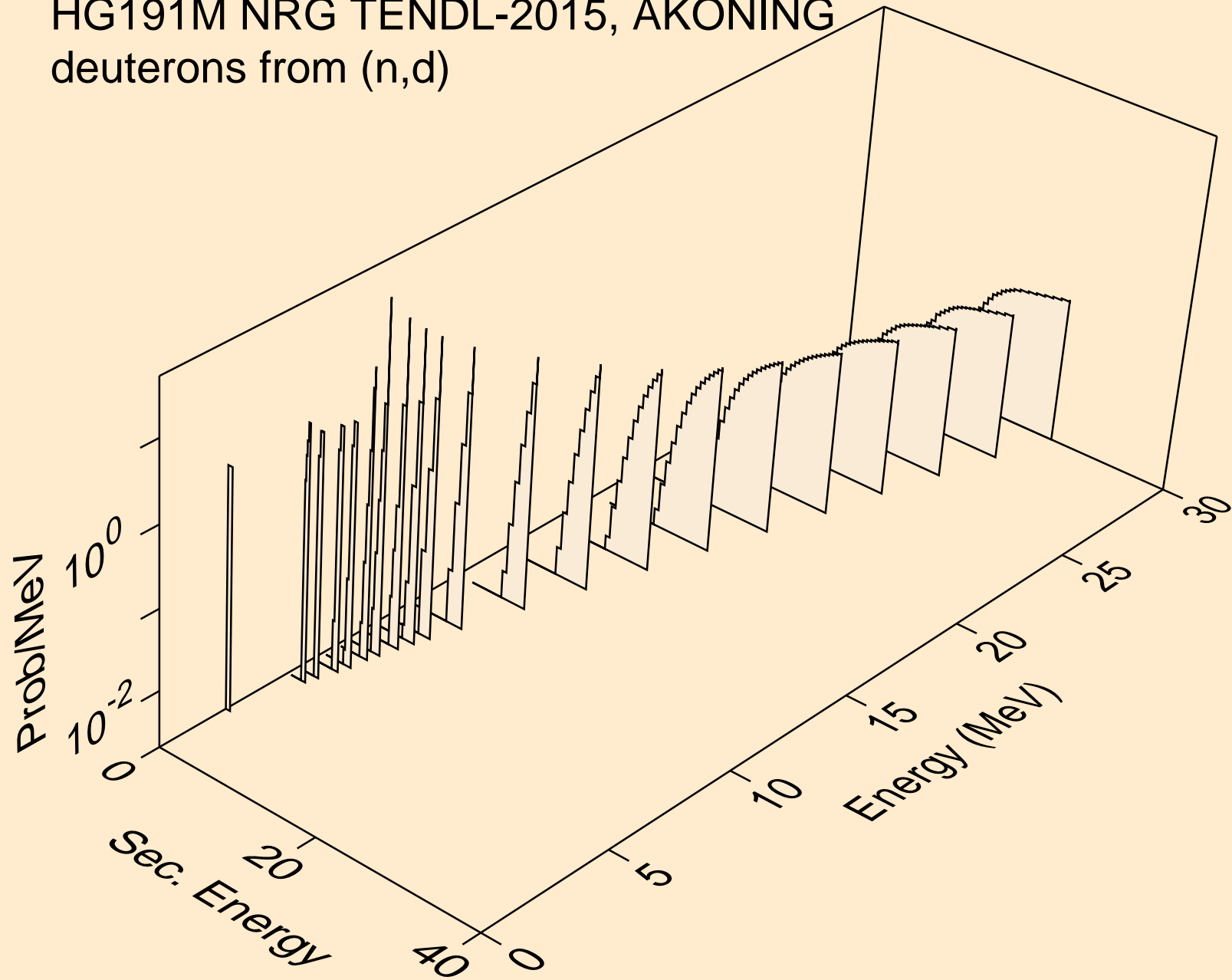
HG191M NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



HG191M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

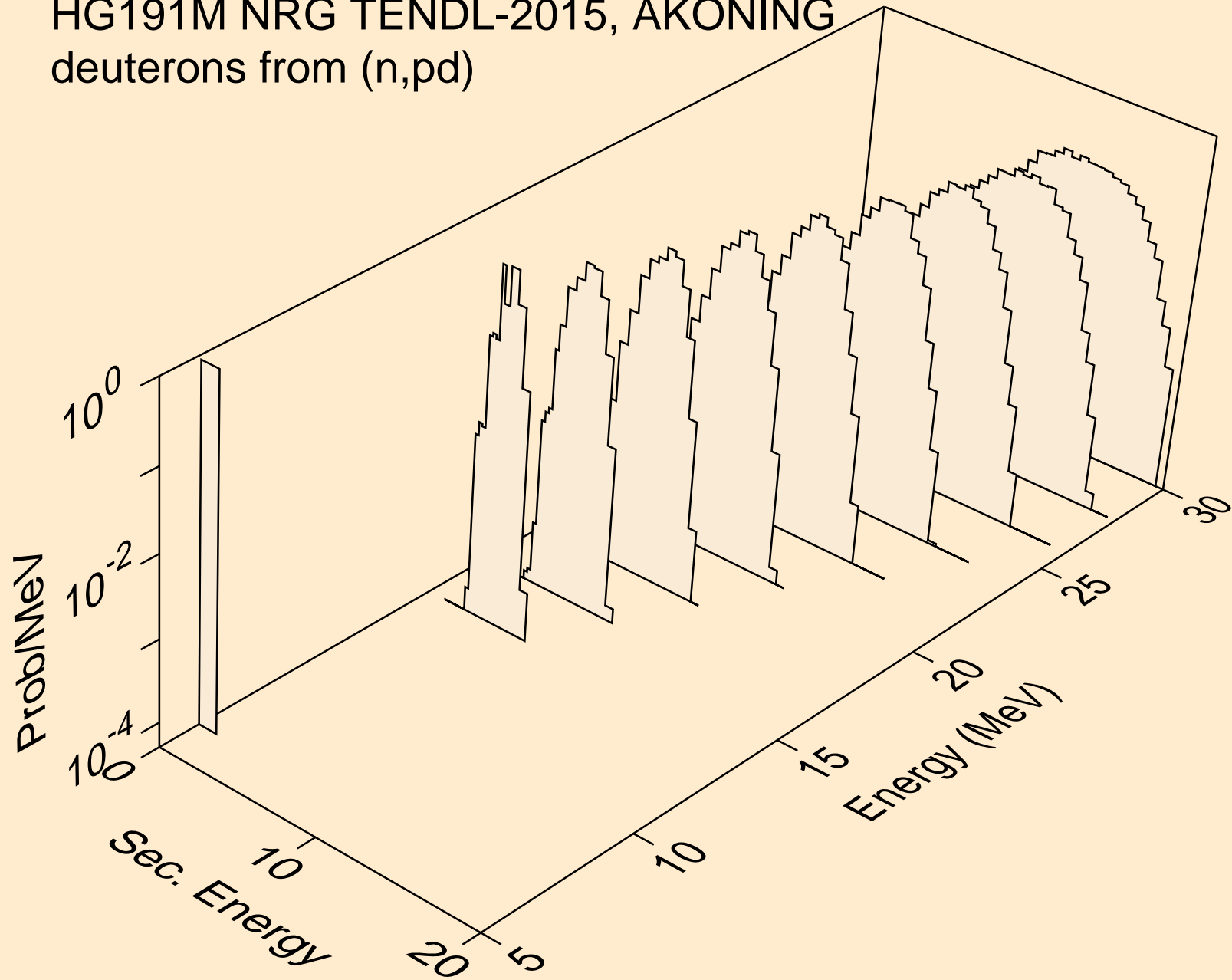


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deuterons from (n,d)

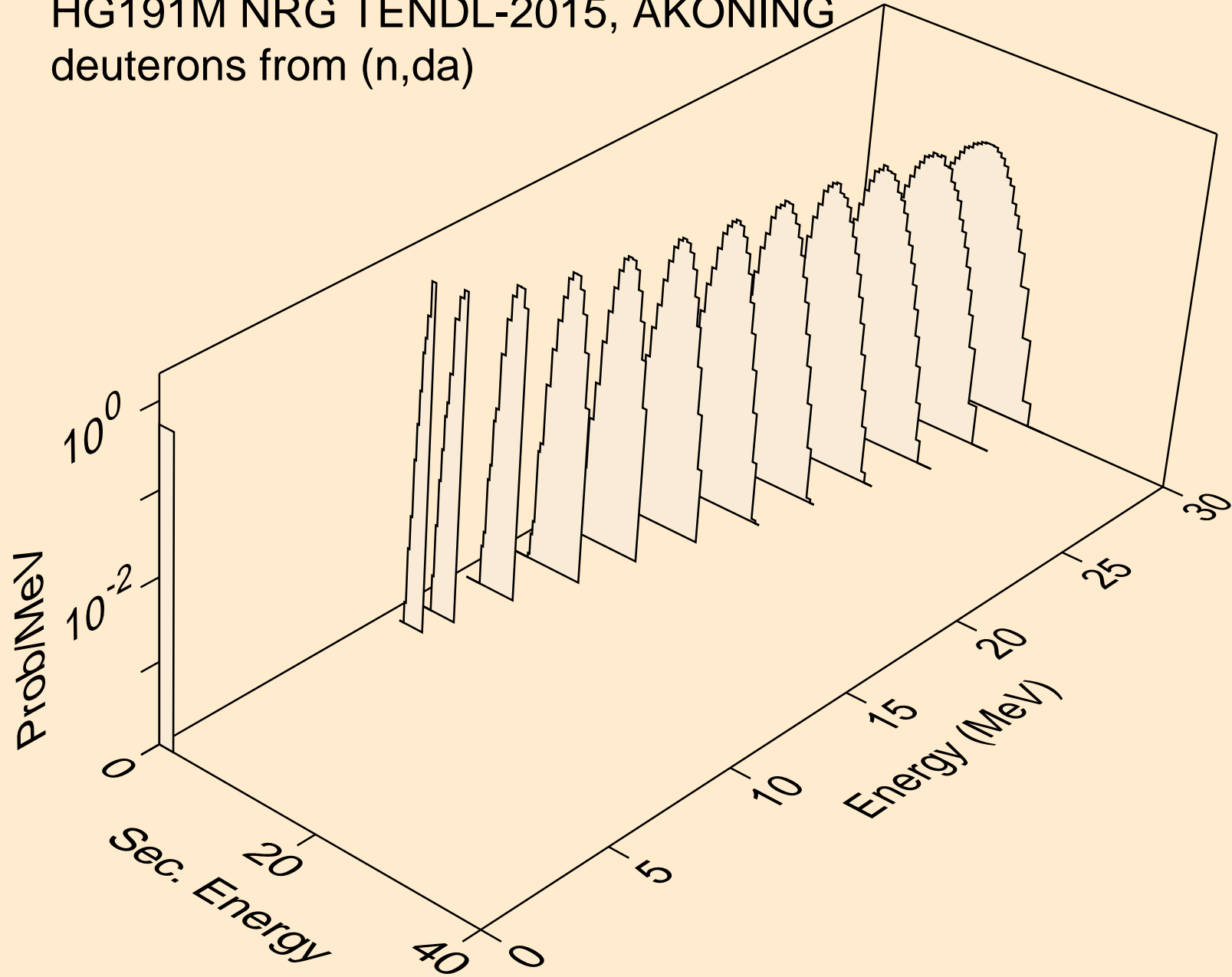




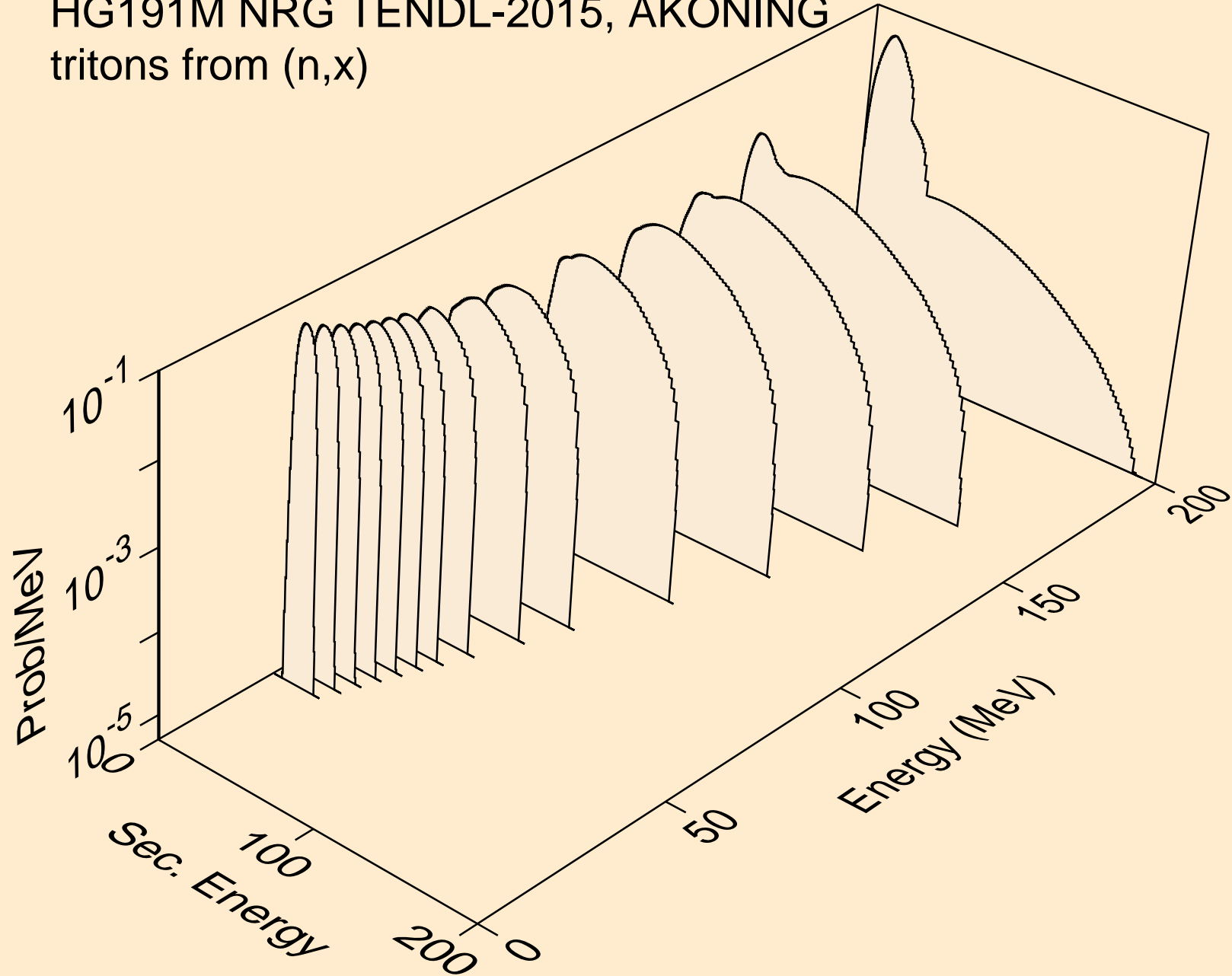
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deuterons from (n,pd)



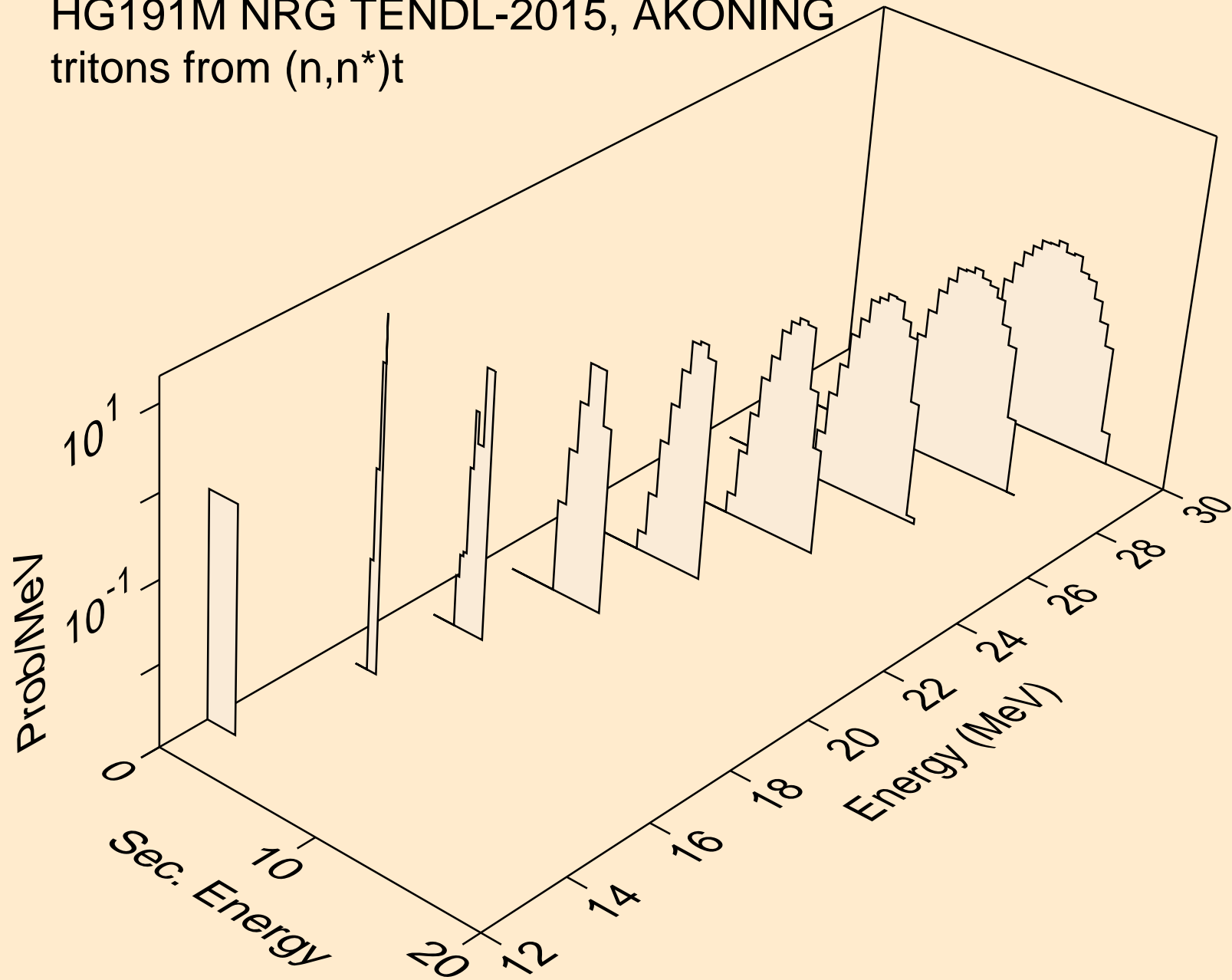
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deuterons from (n,da)



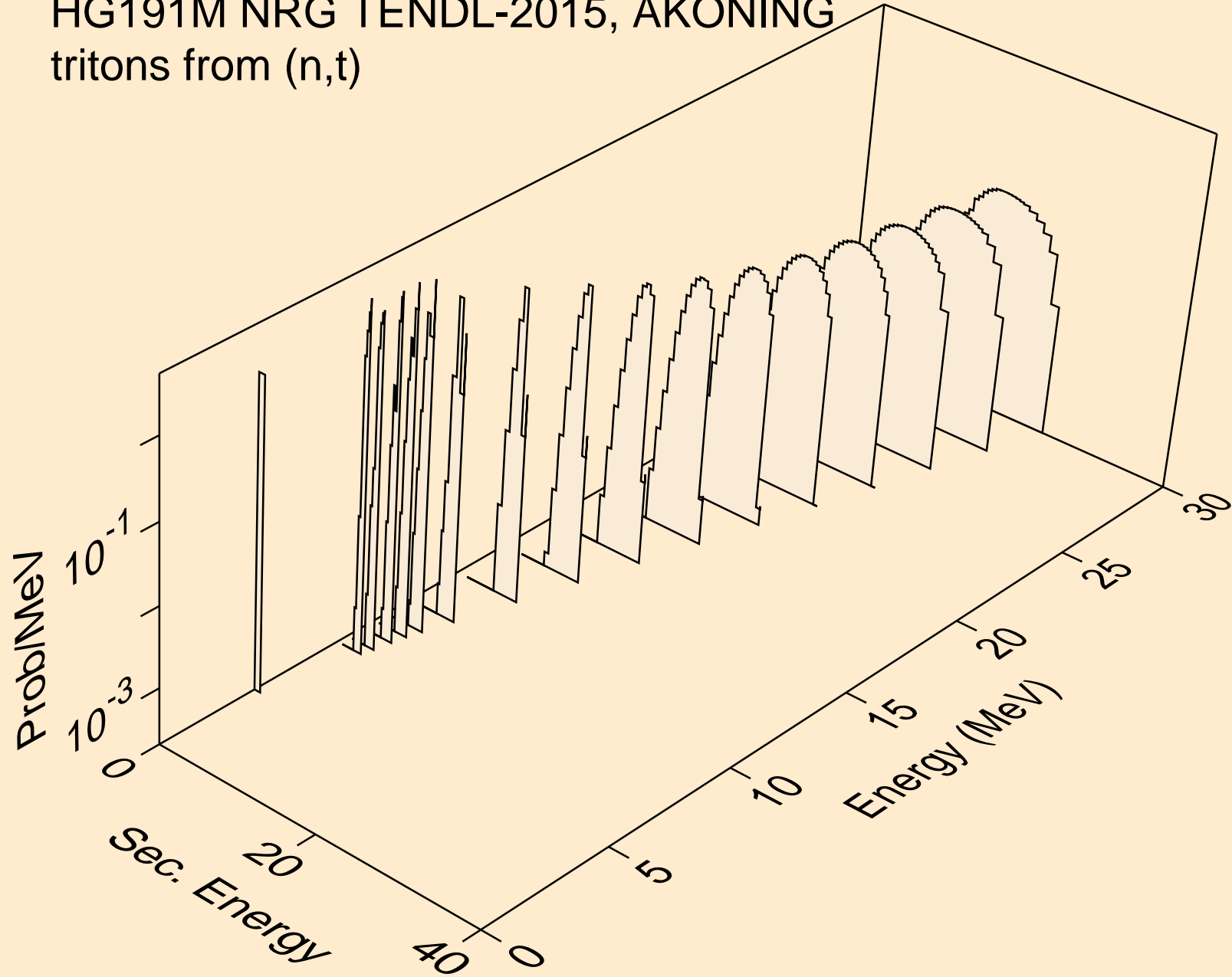
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tritons from (n,x)



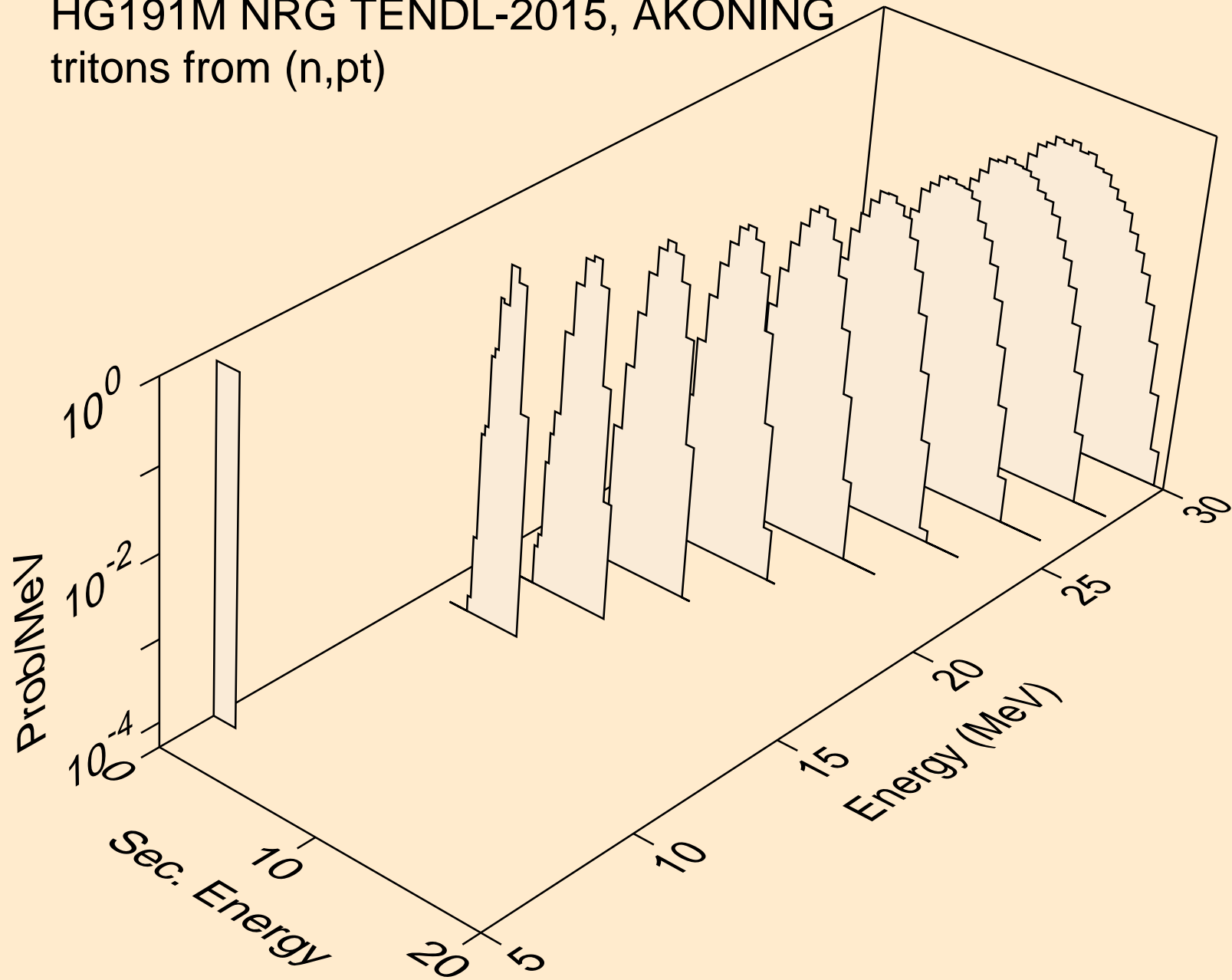
HG191M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



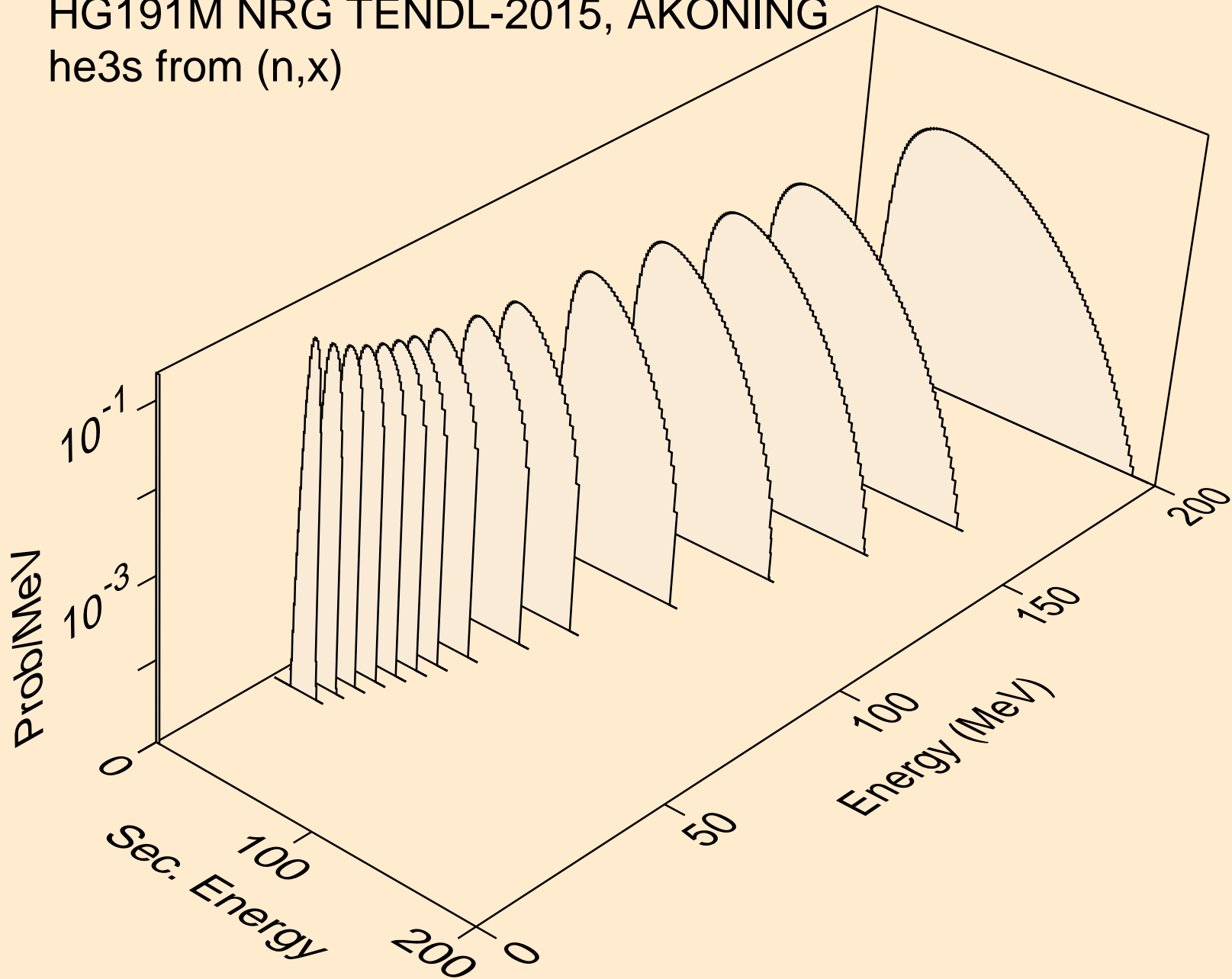
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tritons from (n,t)



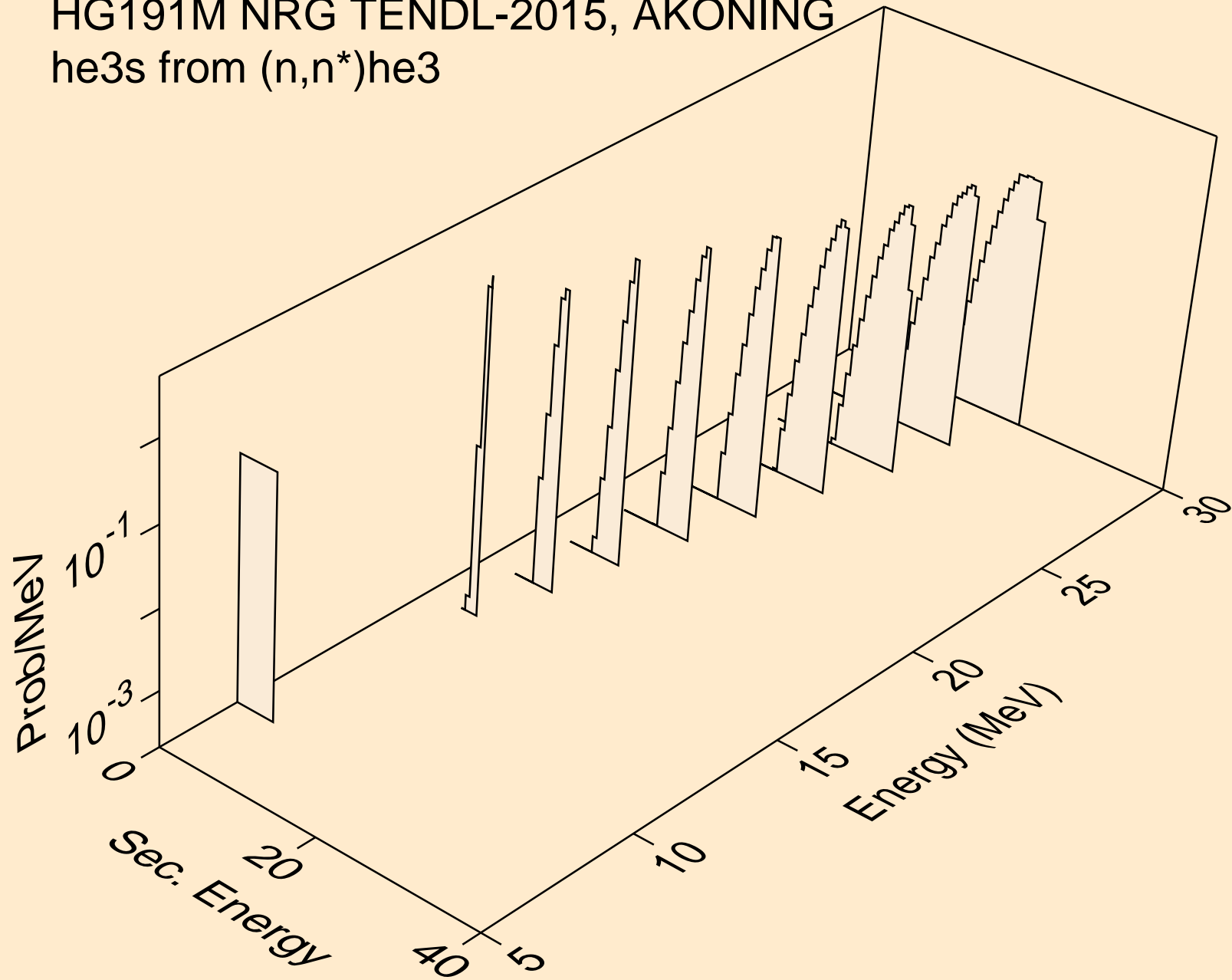
HG191M NRG TENDL-2015, AKONING  
tritons from (n,pt)



HG191M NRG TENDL-2015, AKONING  
he3s from (n,x)

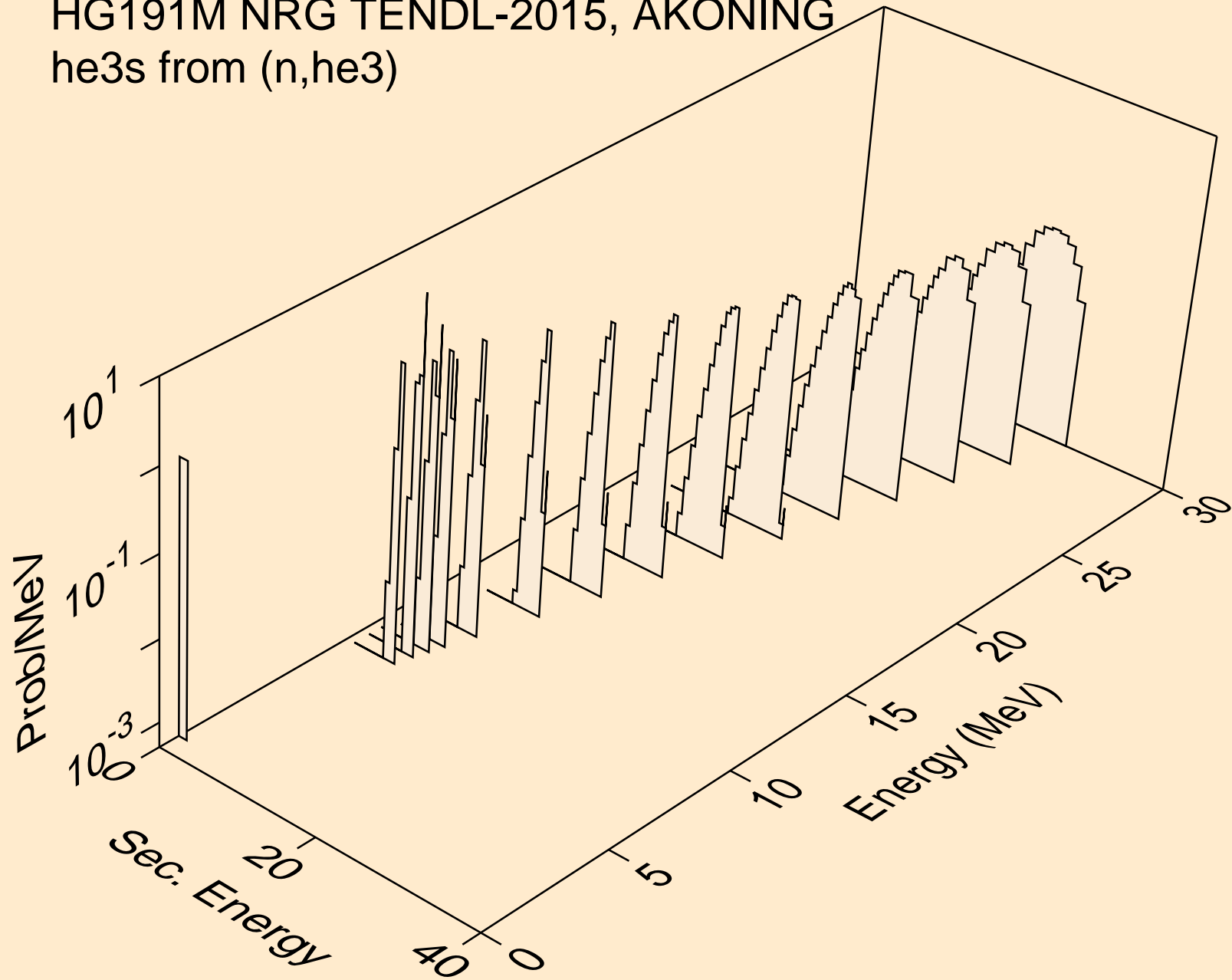


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he3s from (n,n\*)he3

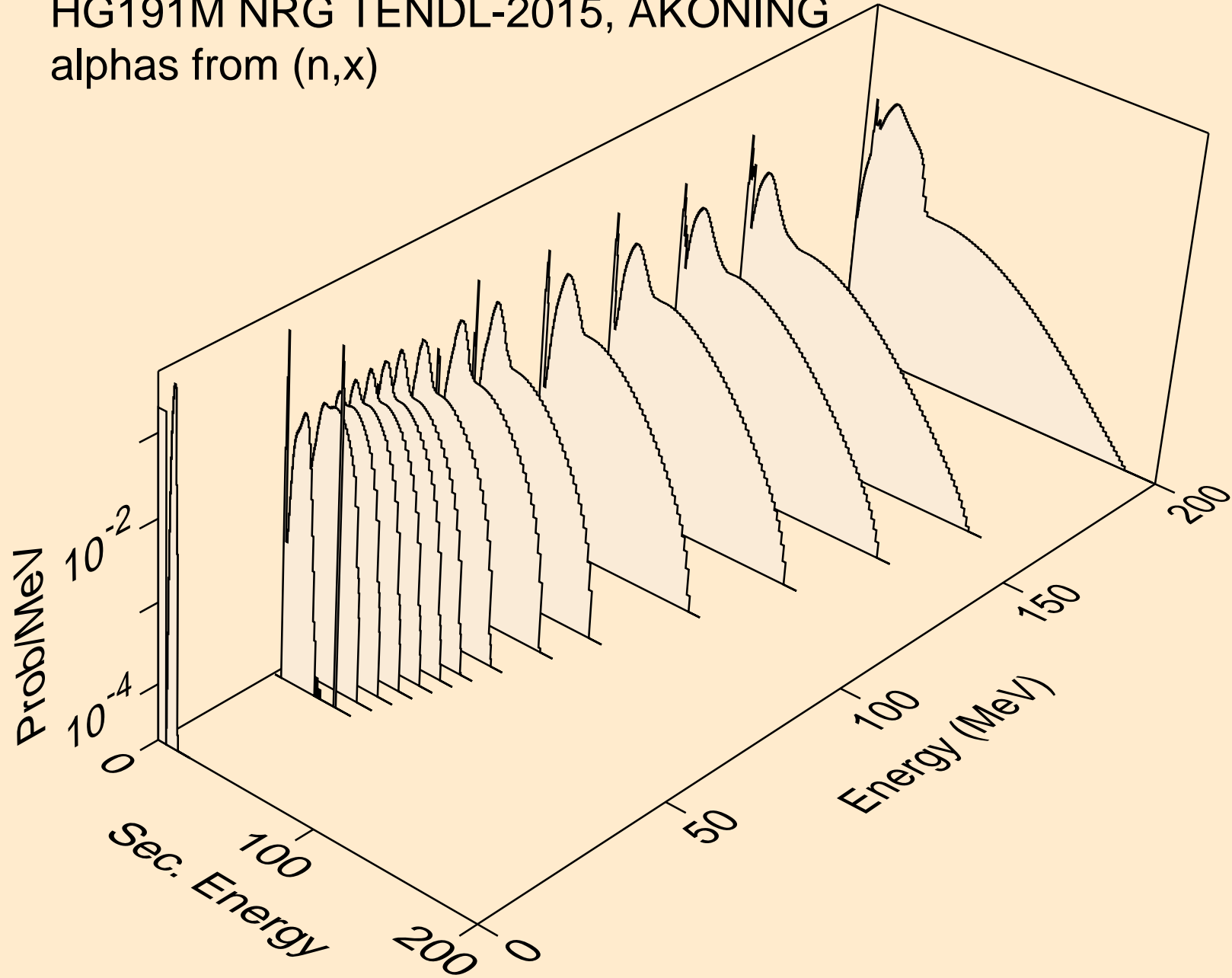




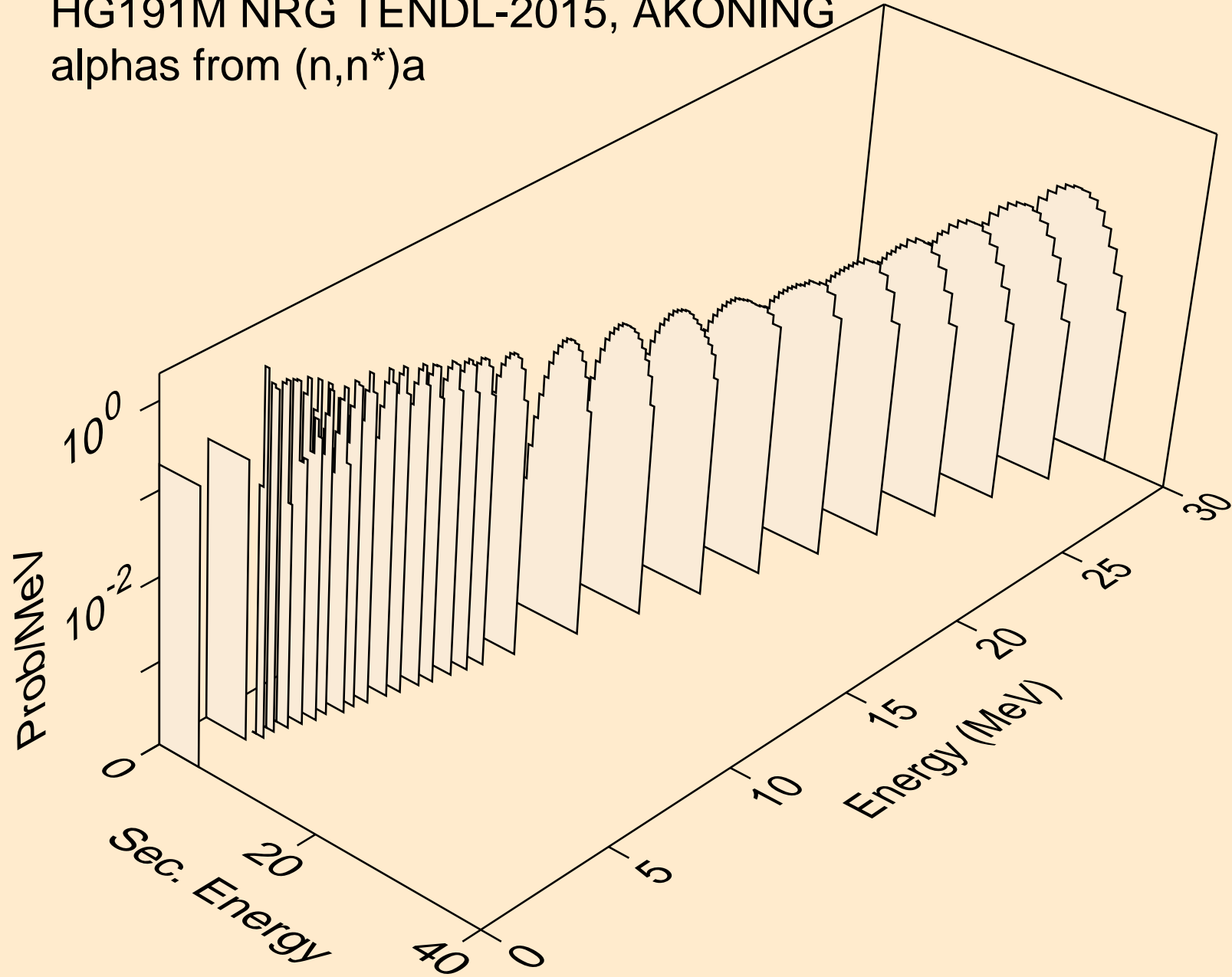
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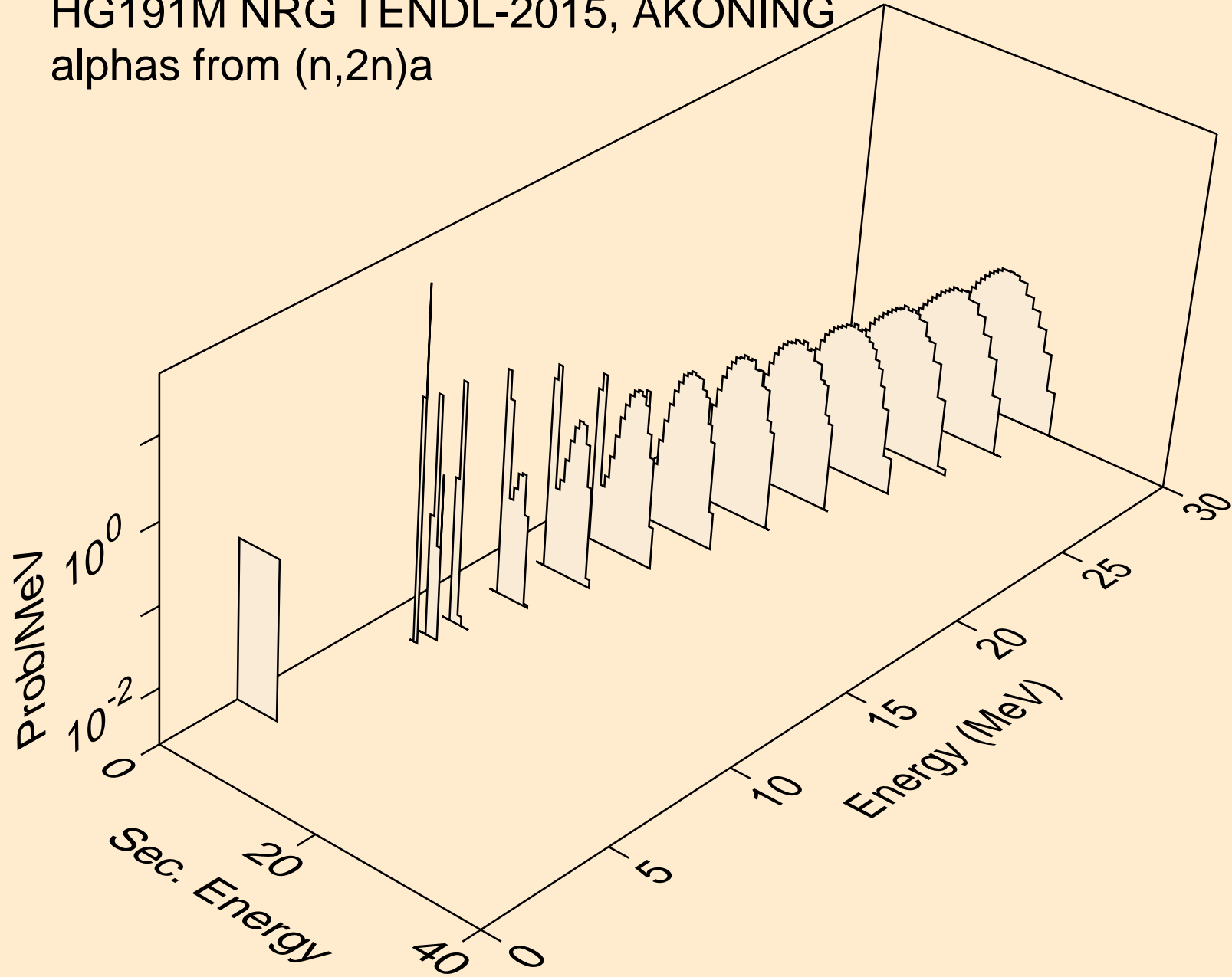
HG191M NRG TENDL-2015, AKONING  
alphas from (n,x)



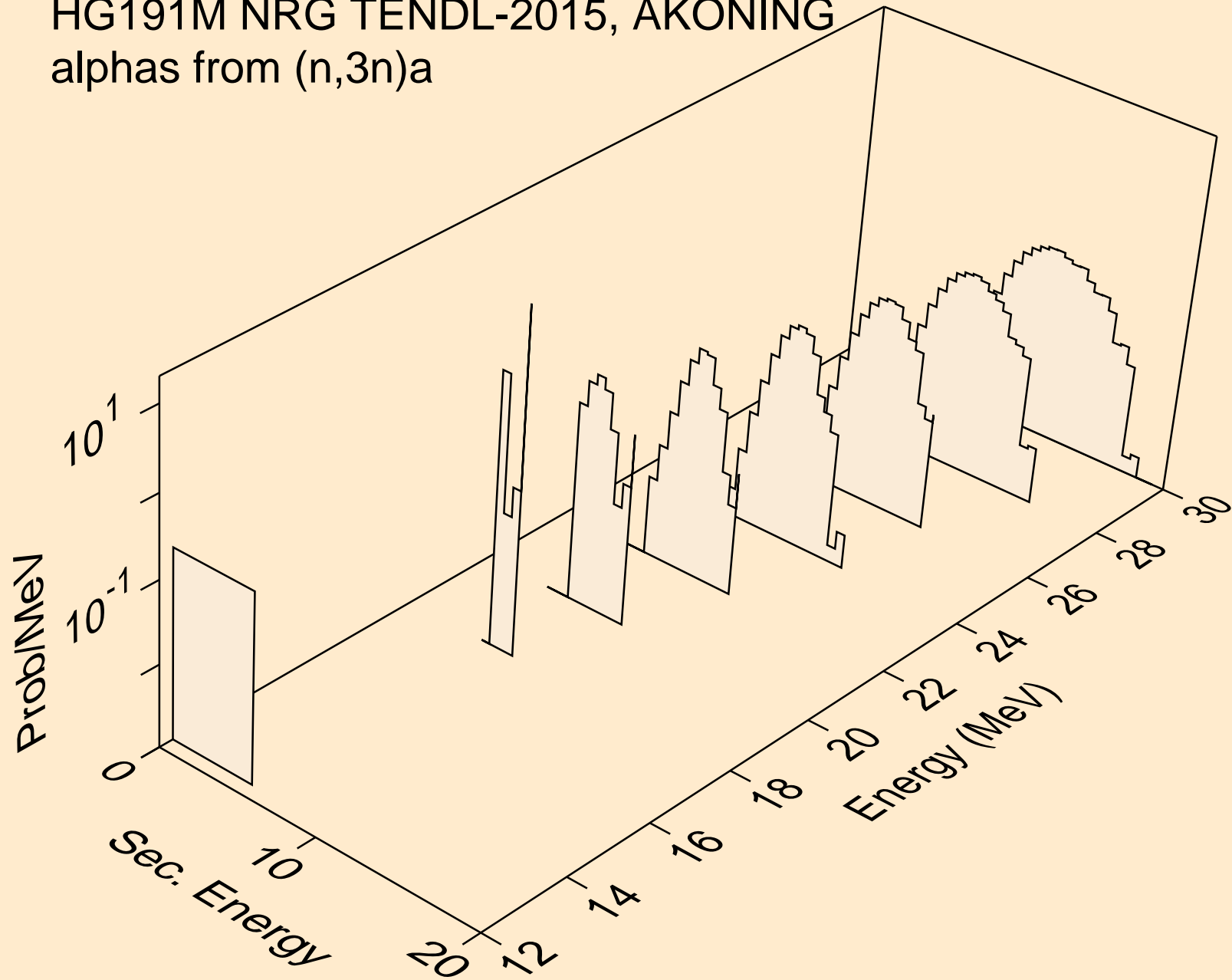
HG191M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



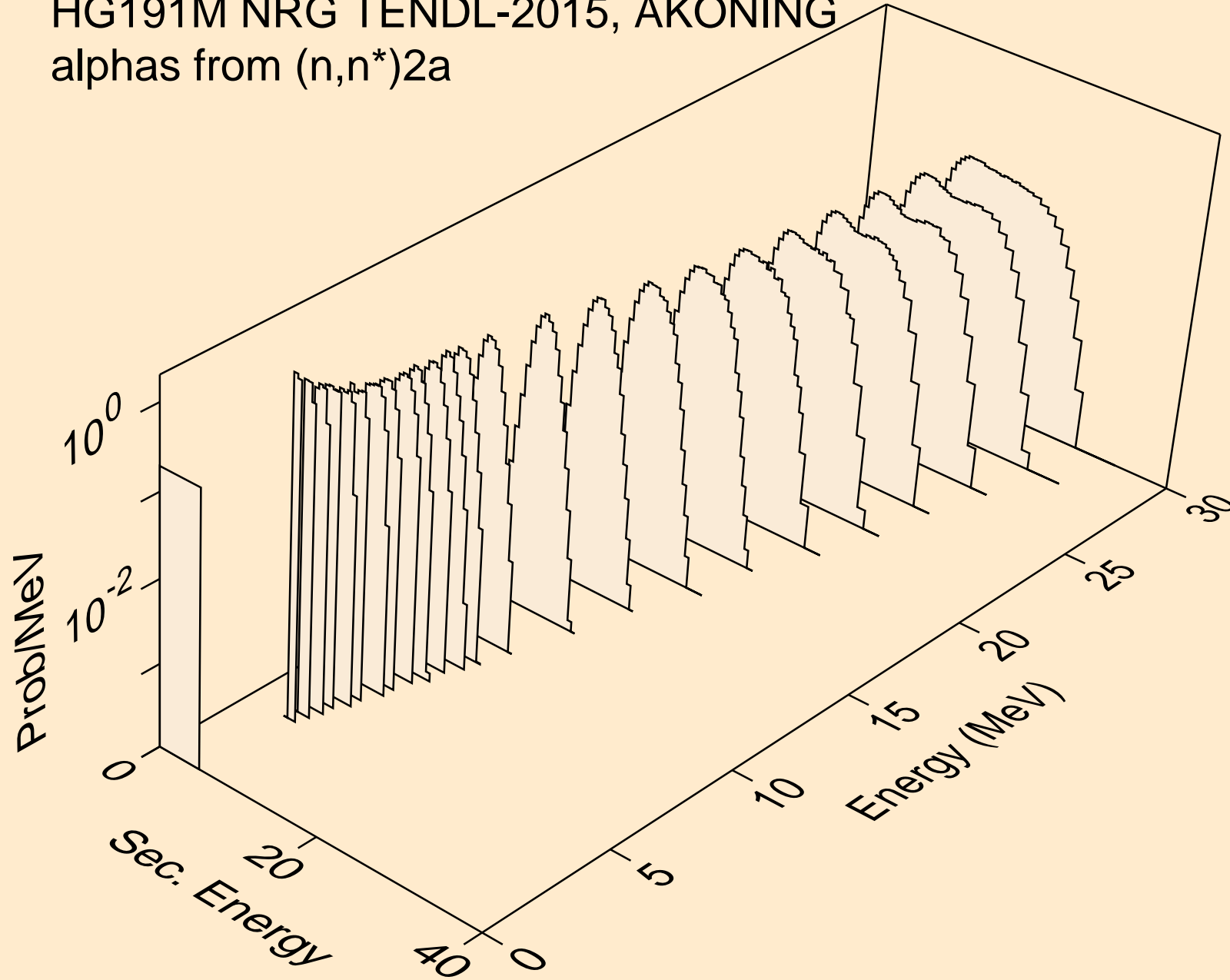
HG191M NRG TENDL-2015, AKONING  
alphas from (n,2n)a



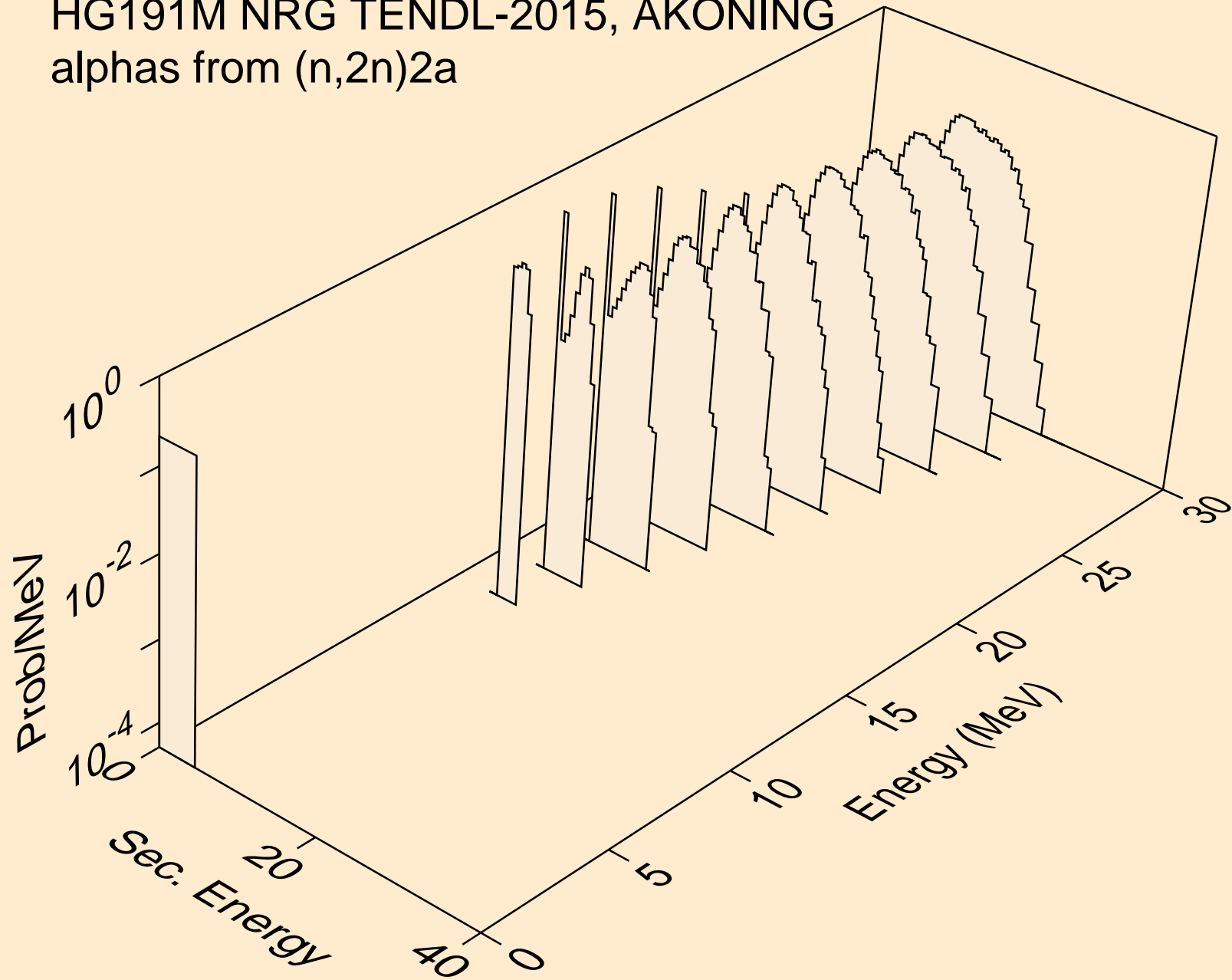
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alphas from (n,3n)a



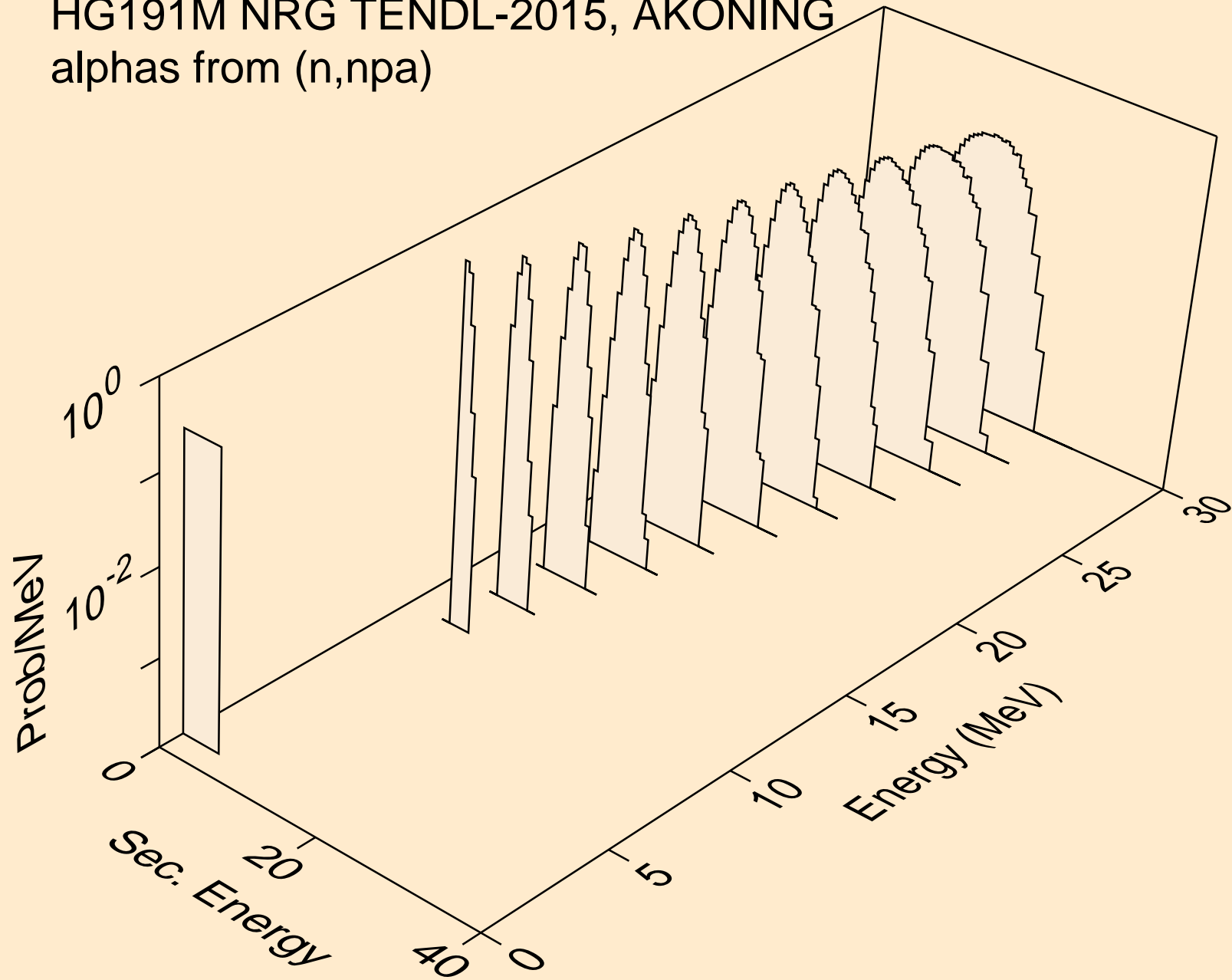
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alphas from (n,n\*)2a



HG191M NRG TENDL-2015, AKONING  
alphas from (n,2n)2a

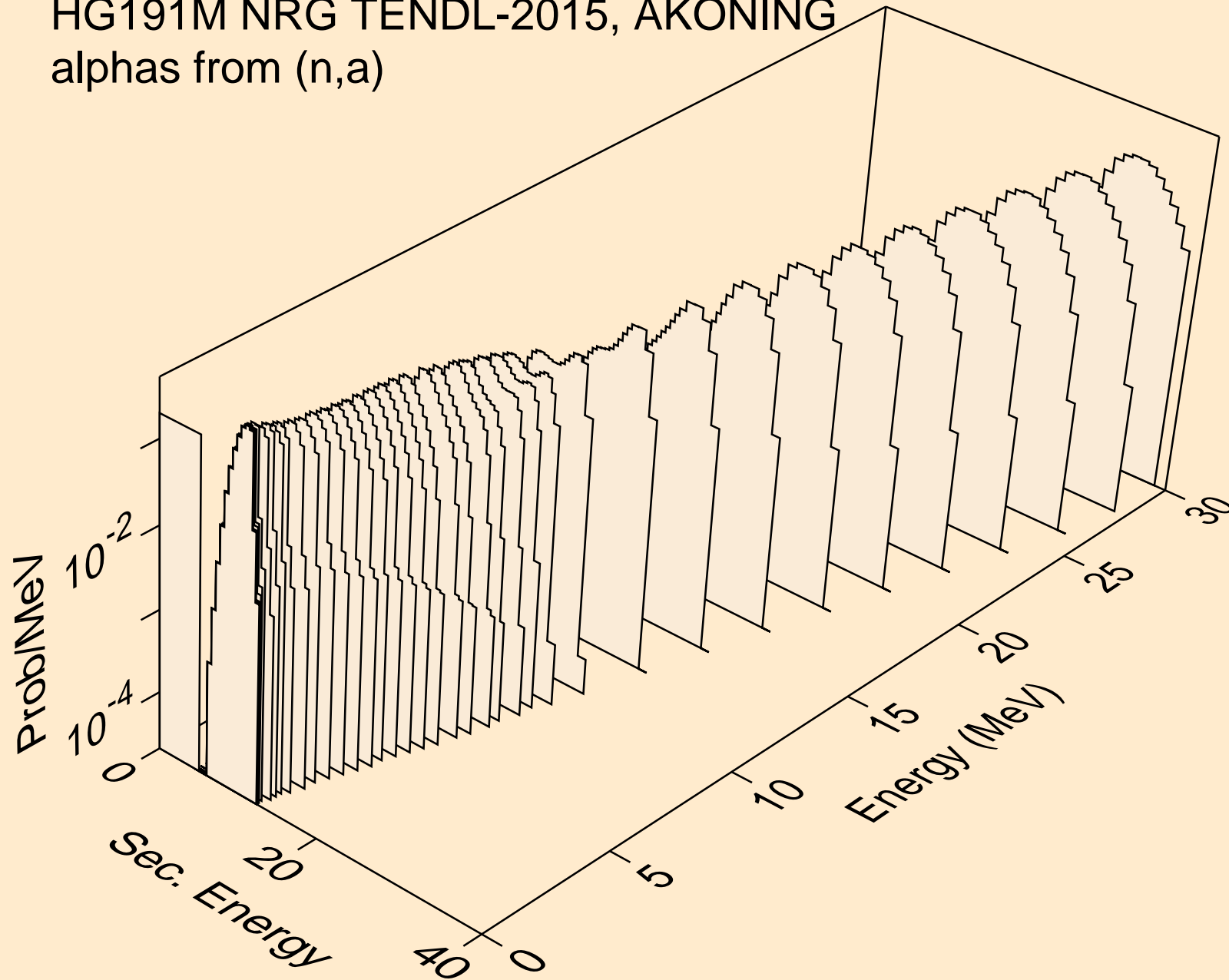


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alphas from (n,npa)

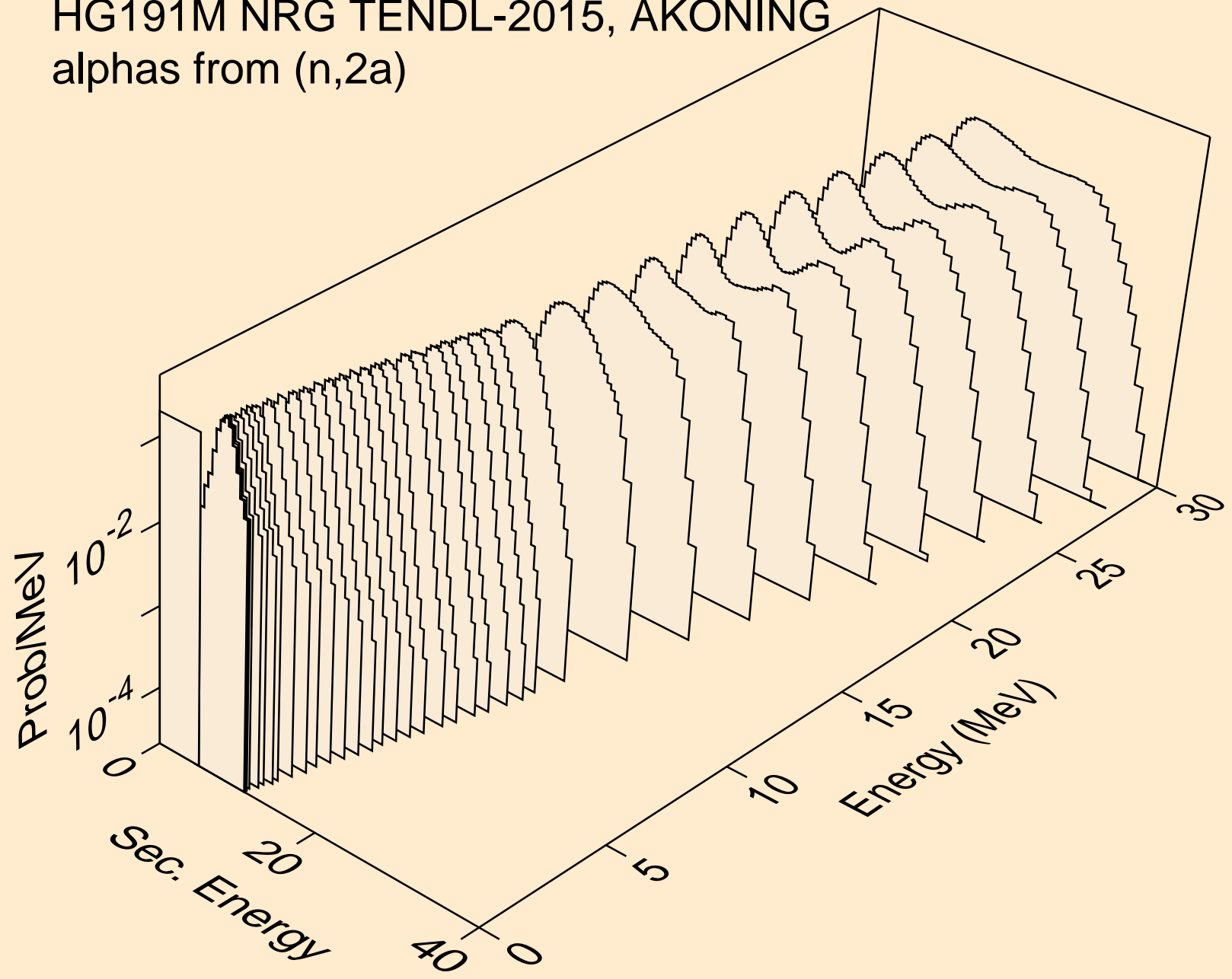




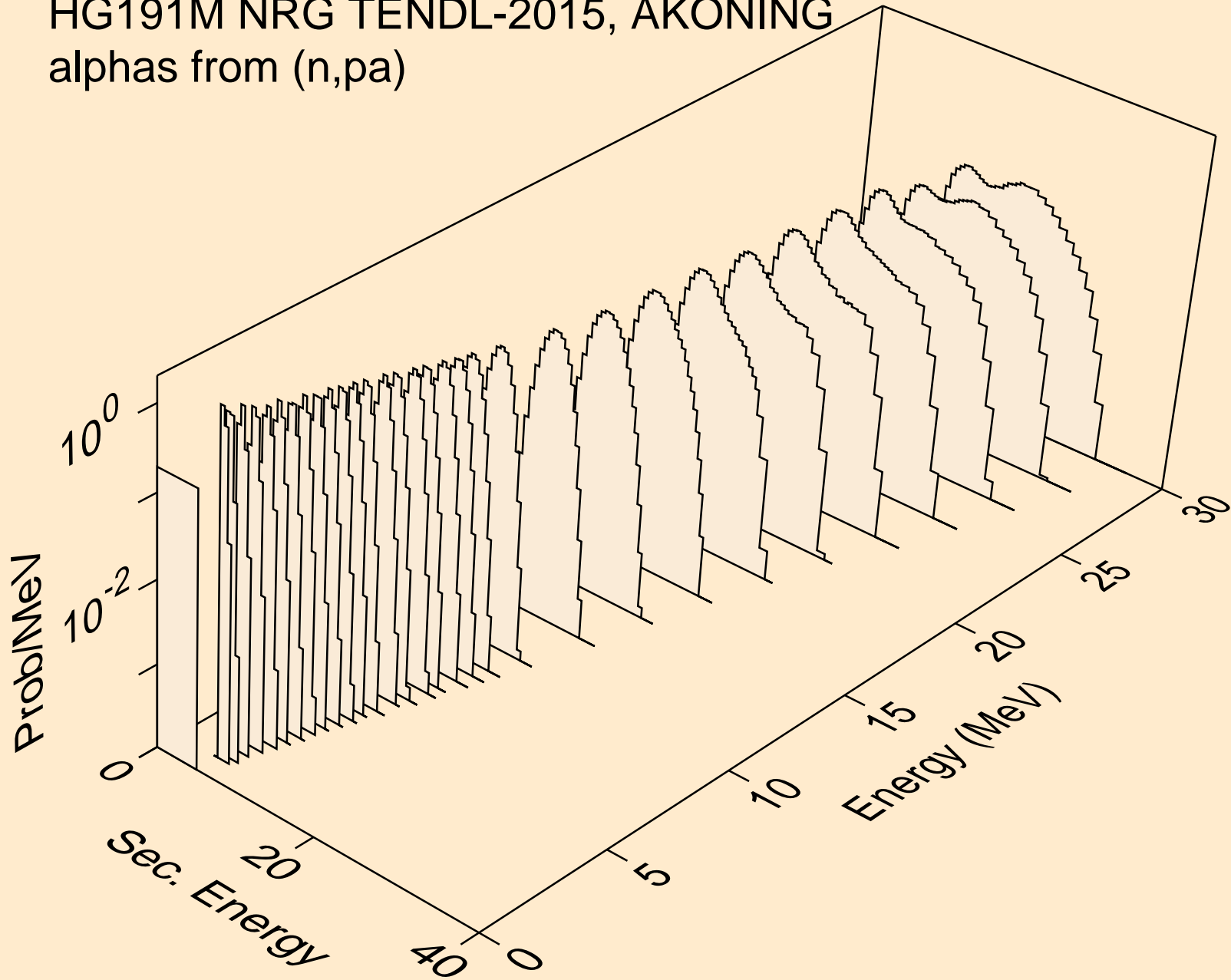
HG191M NRG TENDL-2015, AKONING  
alphas from (n,a)



HG191M NRG TENDL-2015, AKONING  
alphas from (n,2a)



HG191M NRG TENDL-2015, AKONING  
alphas from (n,pa)



HG191M NRG TENDL-2015, AKONING  
alphas from (n,da)

