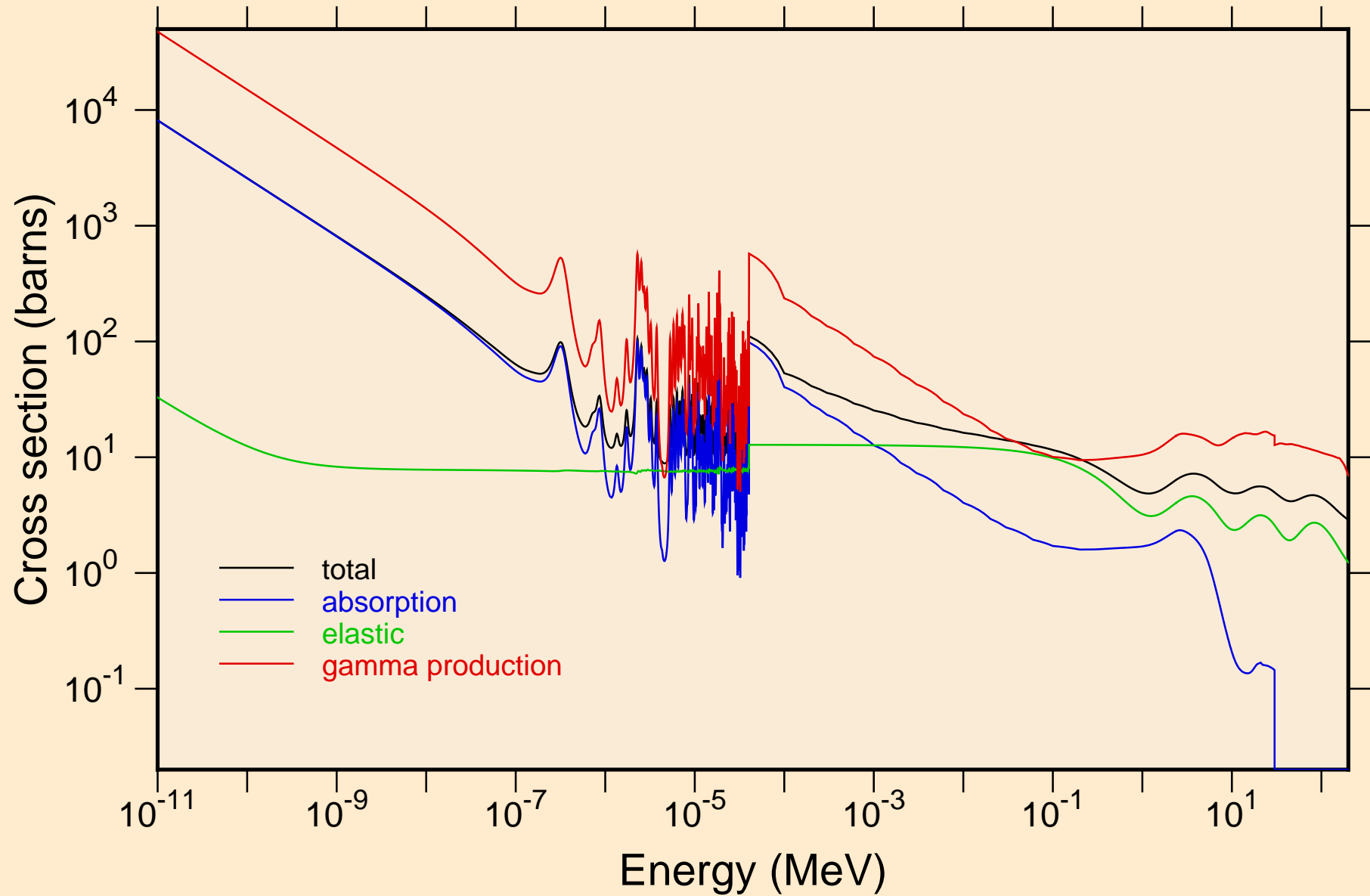
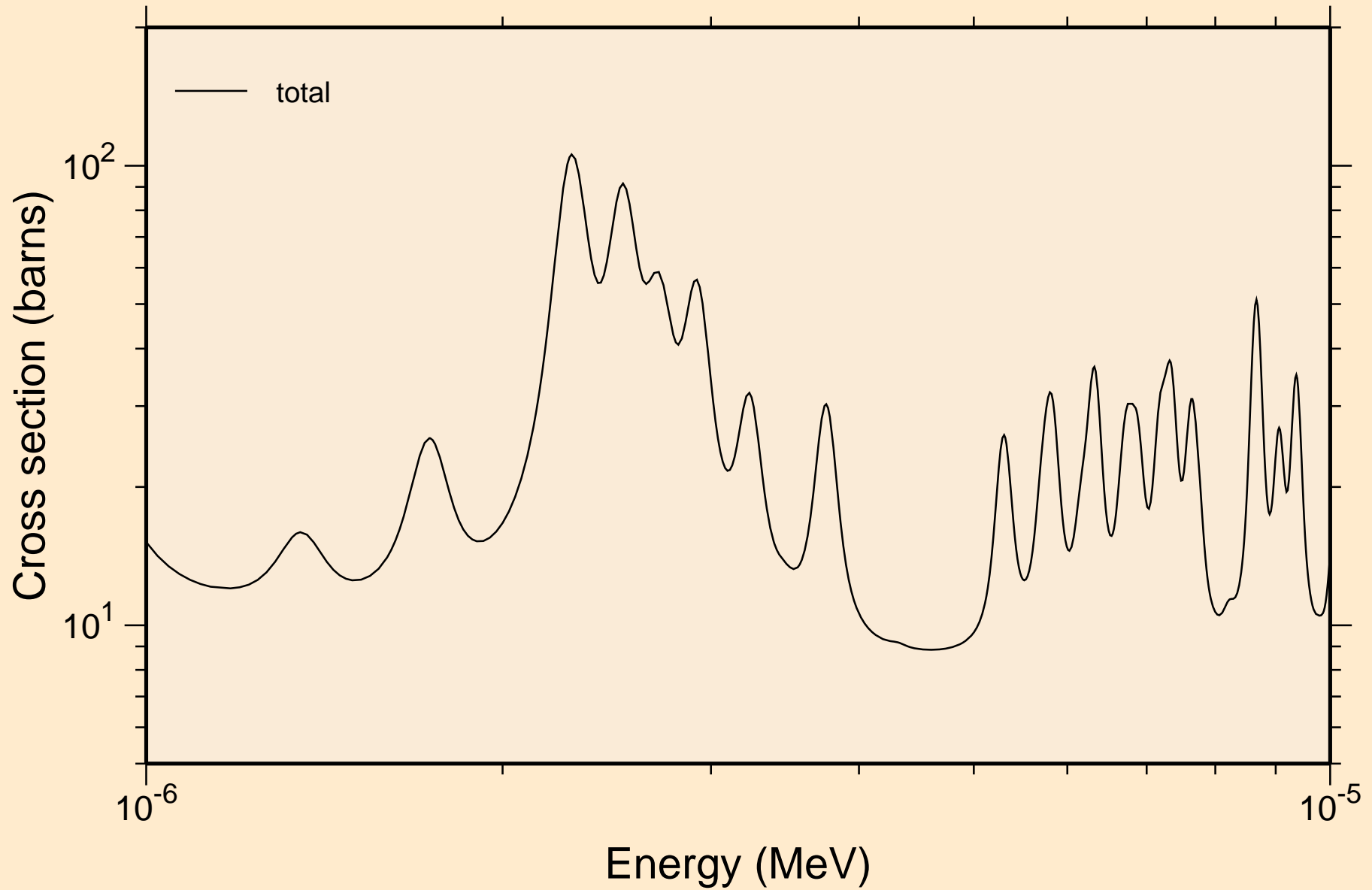


# BI195 NRG TENDL-2015, AKONING

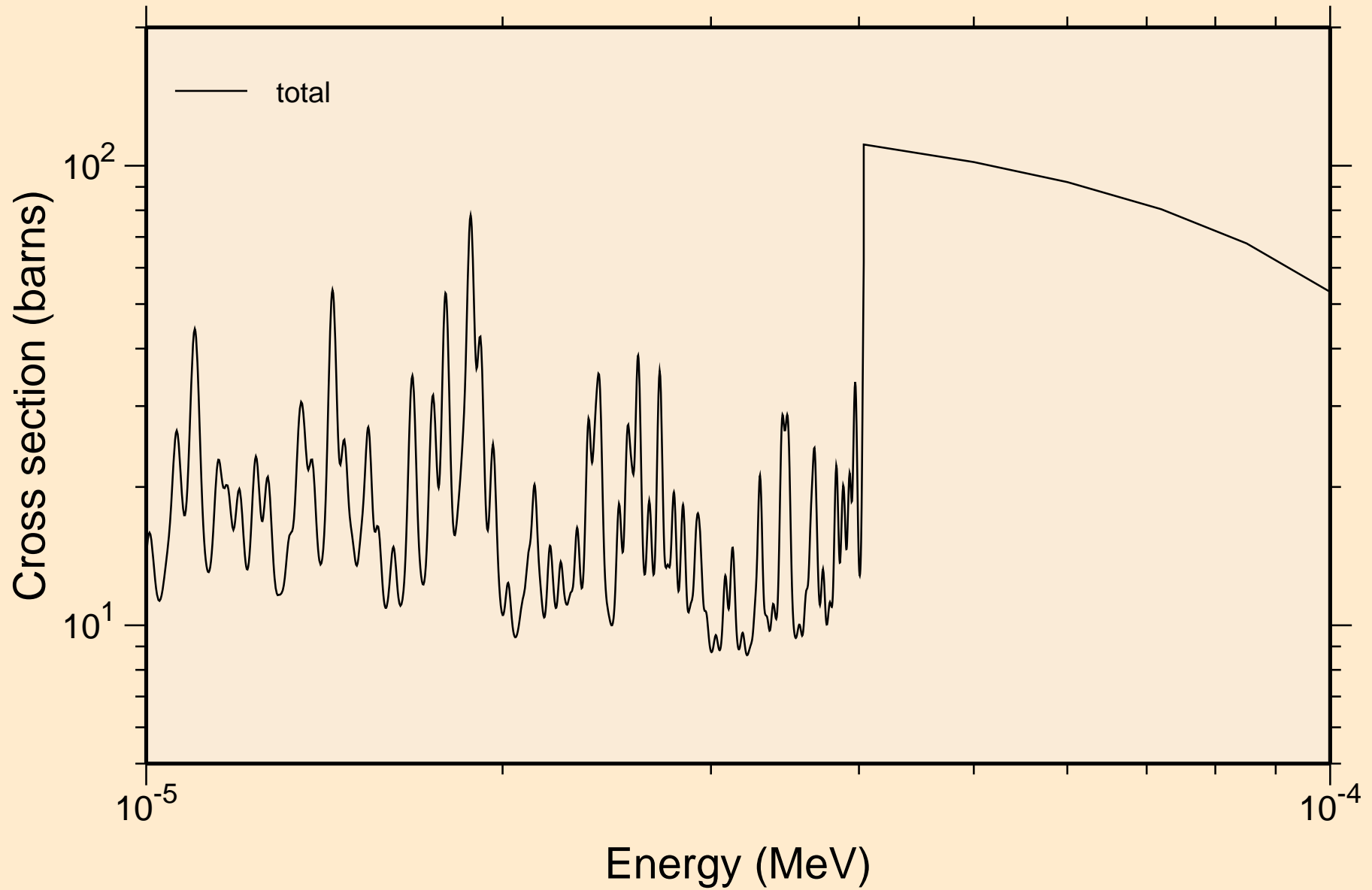
## Principal cross sections



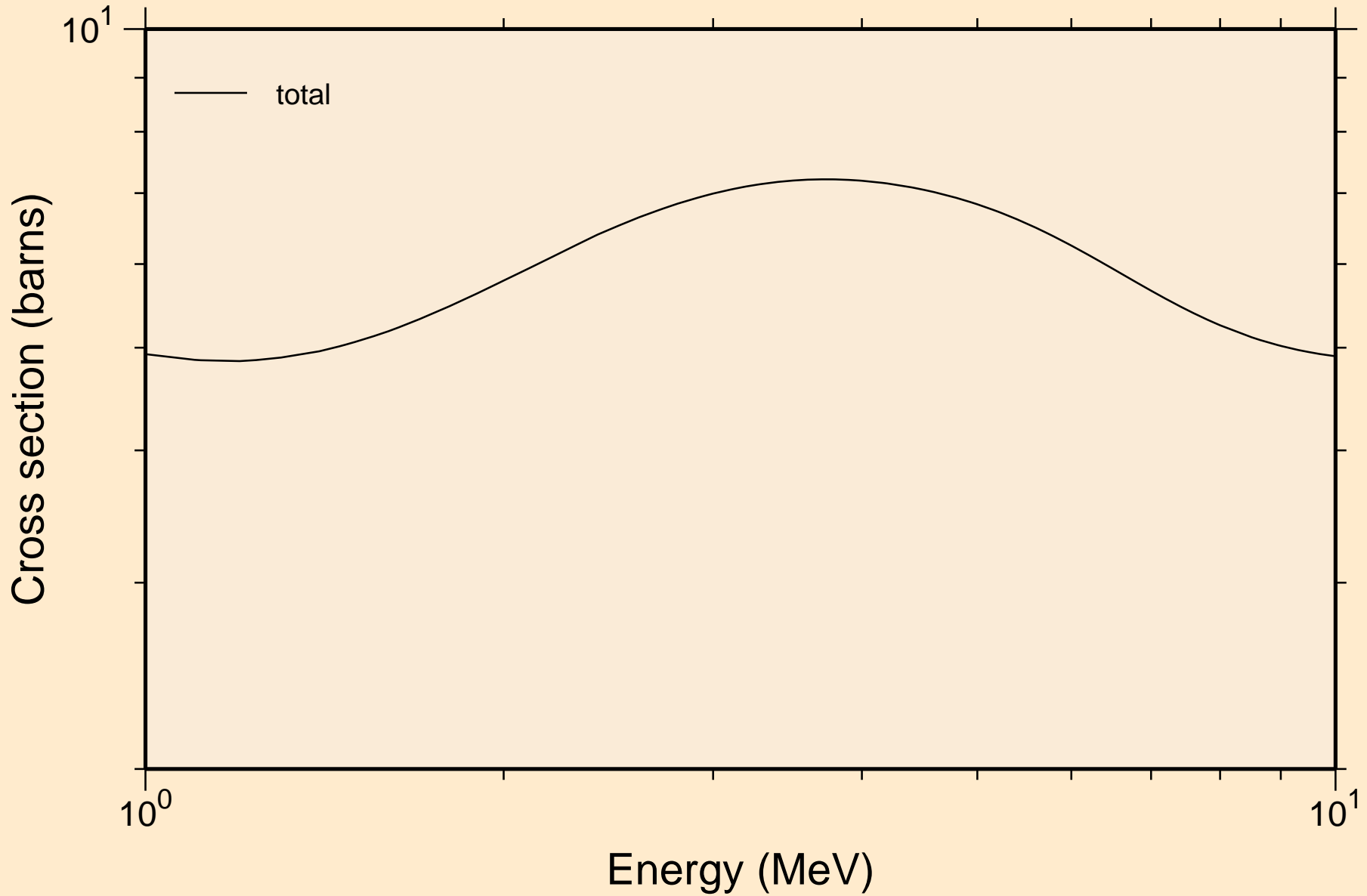
BI195 NRG TENDL-2015, AKONING  
resonance total cross section



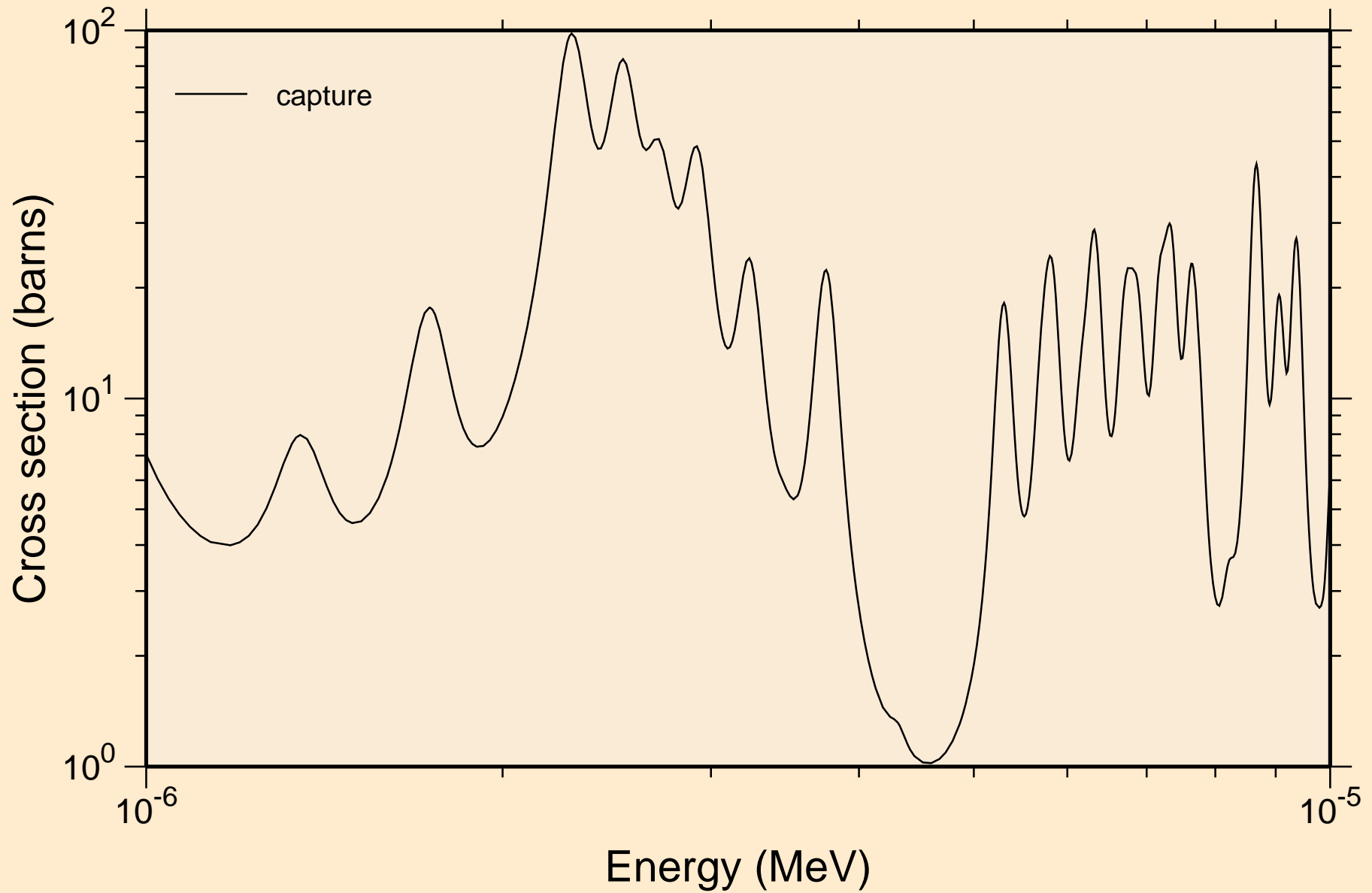
BI195 NRG TENDL-2015, AKONING  
resonance total cross section



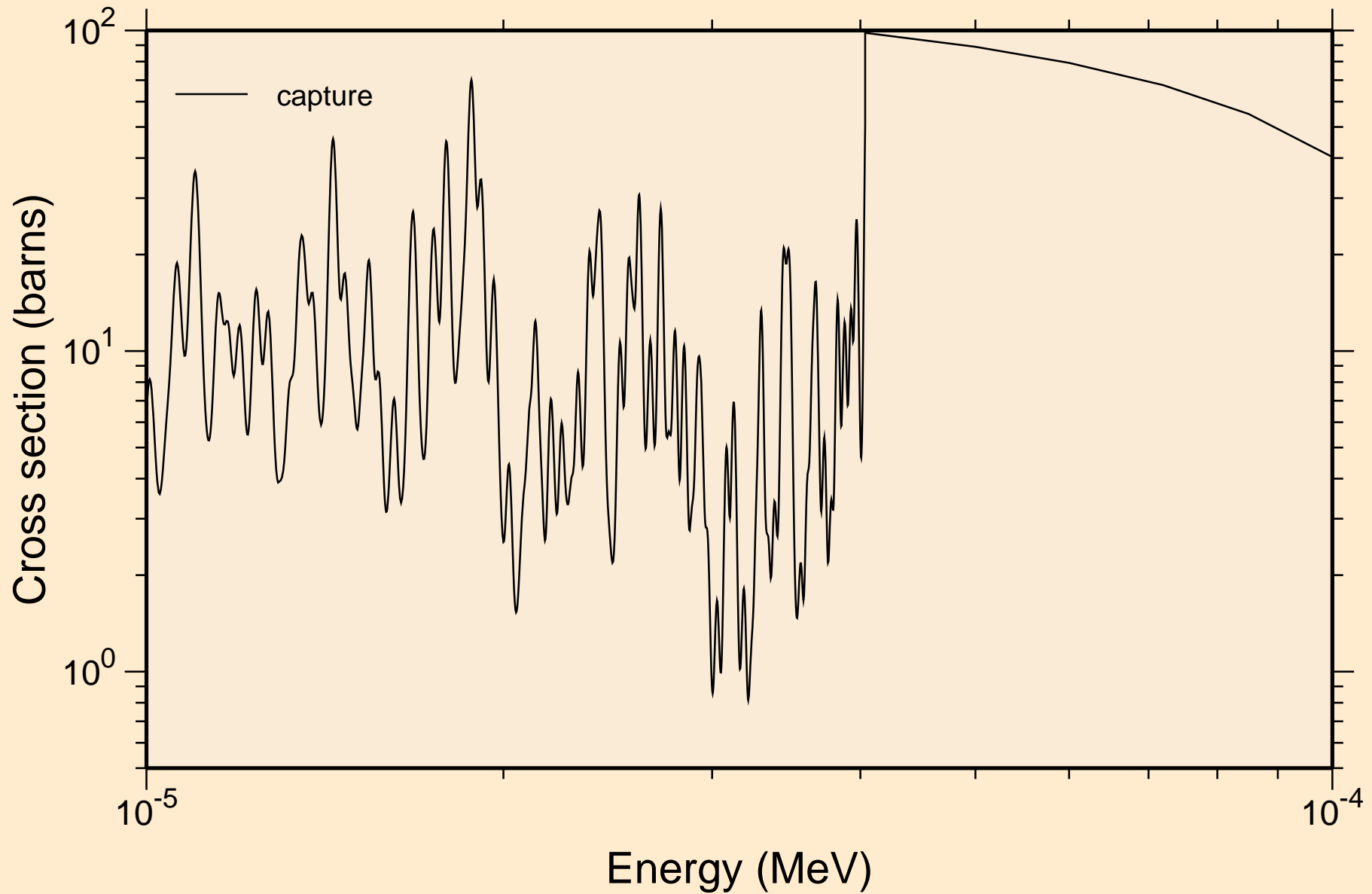
BI195 NRG TENDL-2015, AKONING  
resonance total cross section



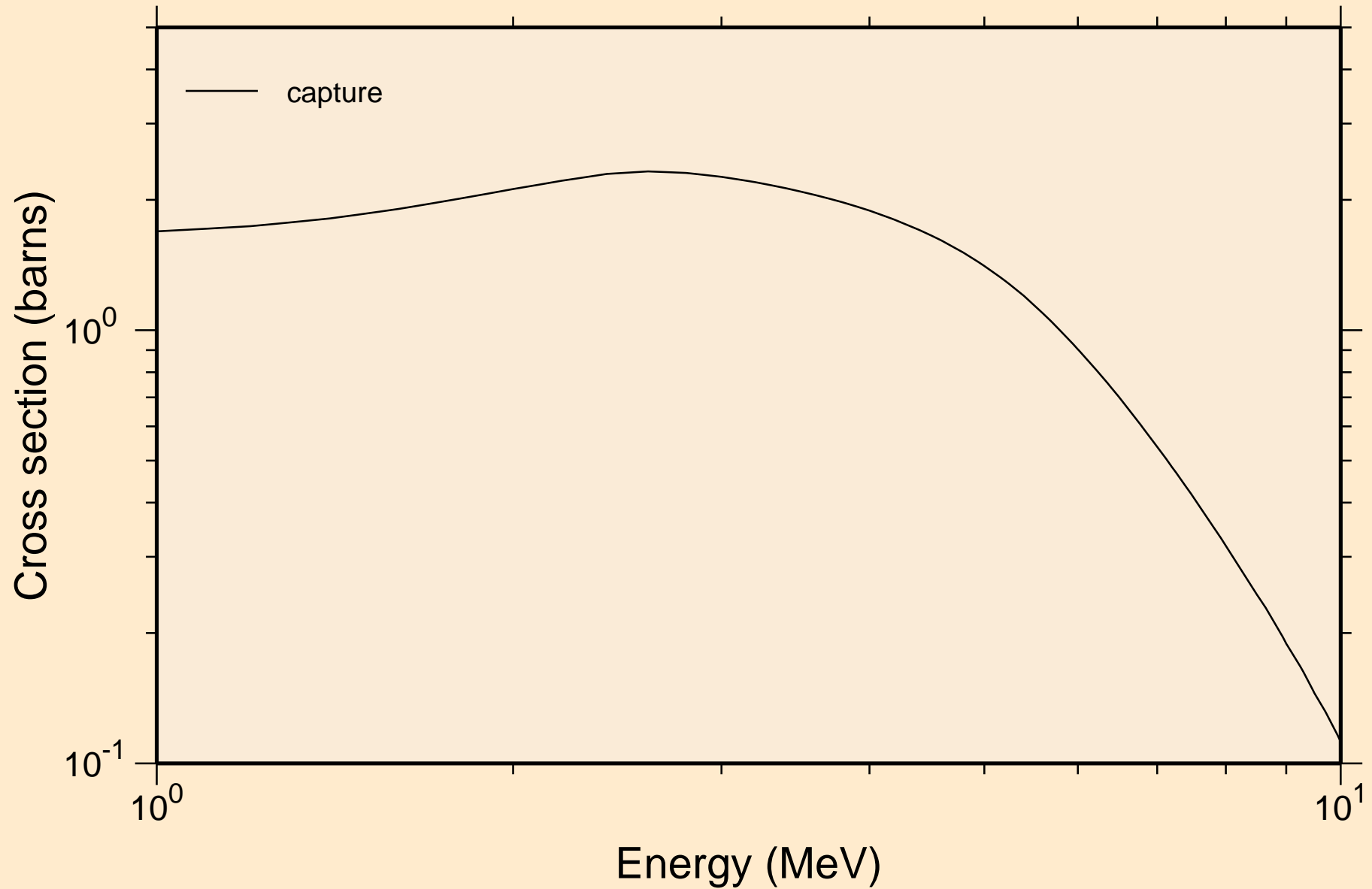
BI195 NRG TENDL-2015, AKONING  
resonance absorption cross sections



BI195 NRG TENDL-2015, AKONING  
resonance absorption cross sections

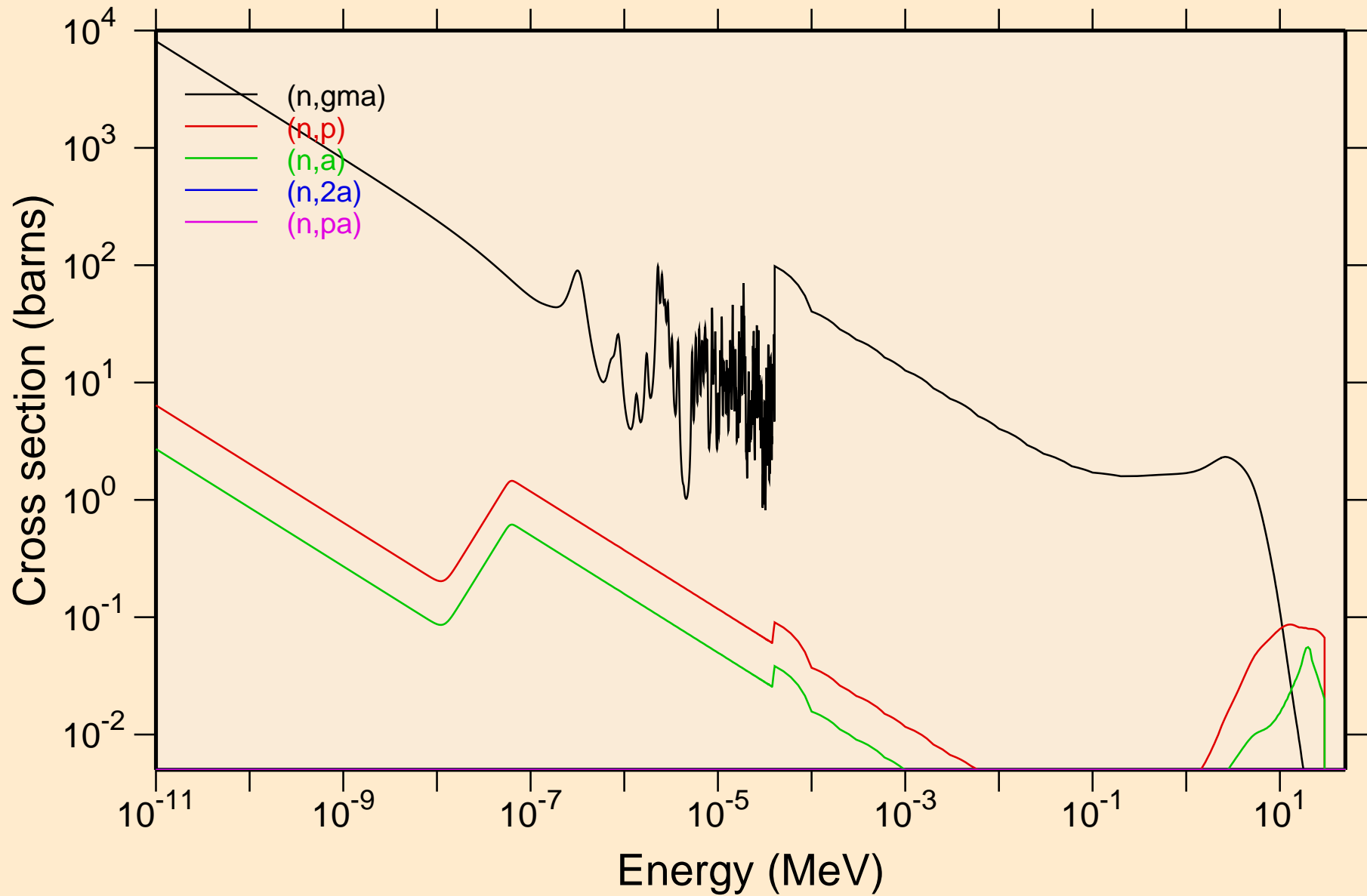


BI195 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# BI195 NRG TENDL-2015, AKONING

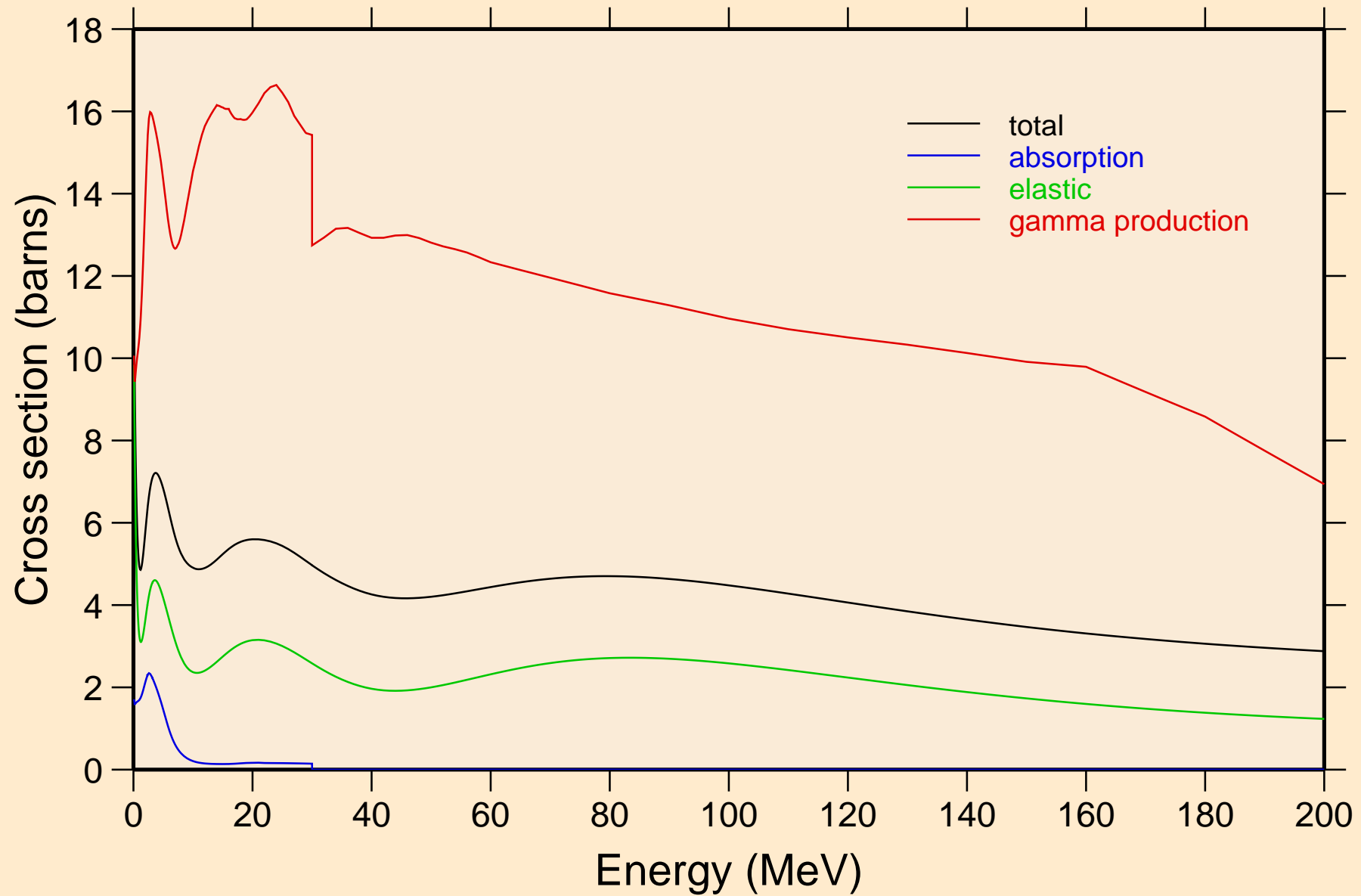
## Non-threshold reactions





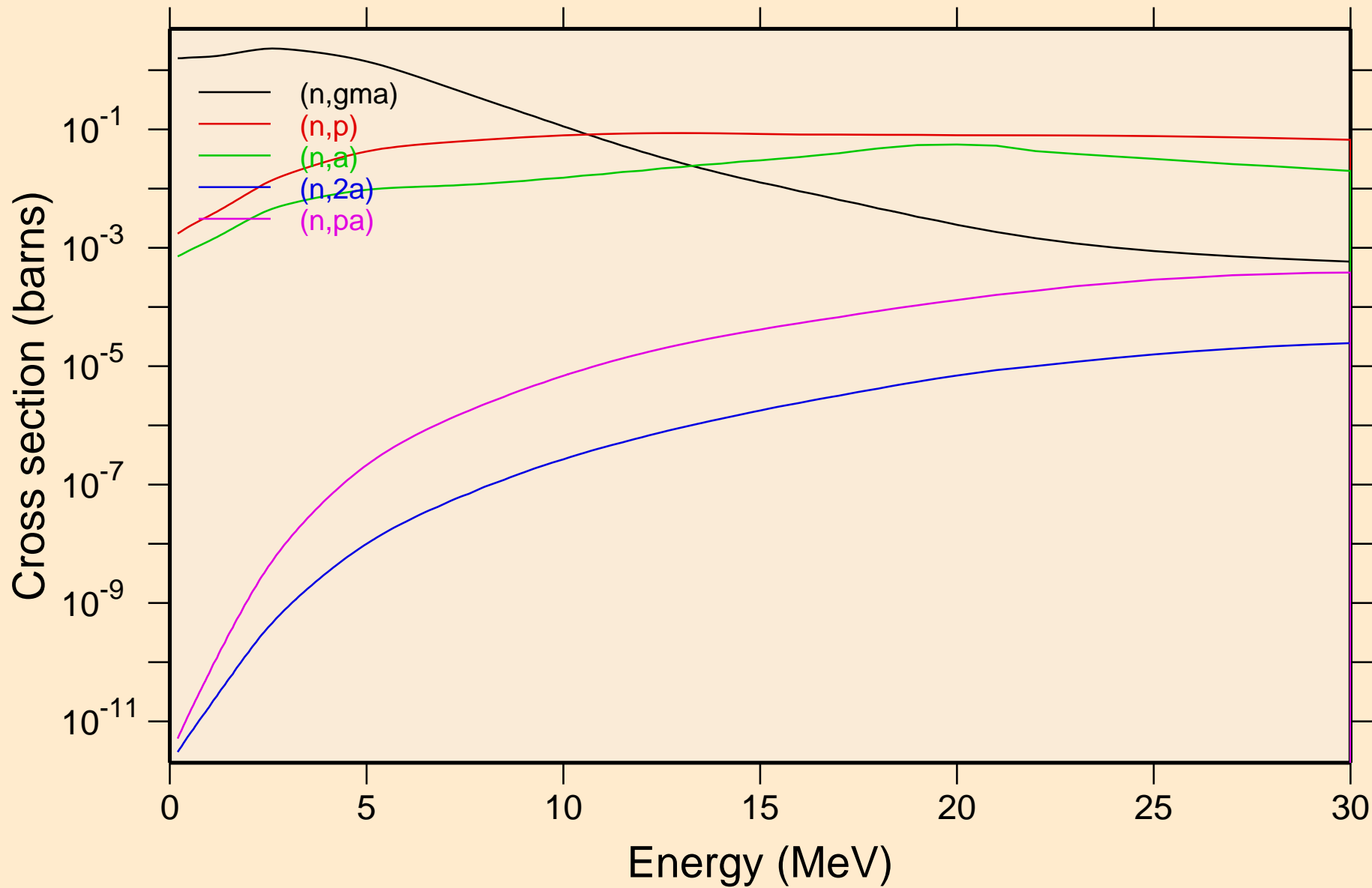
# BI195 NRG TENDL-2015, AKONING

## Principal cross sections



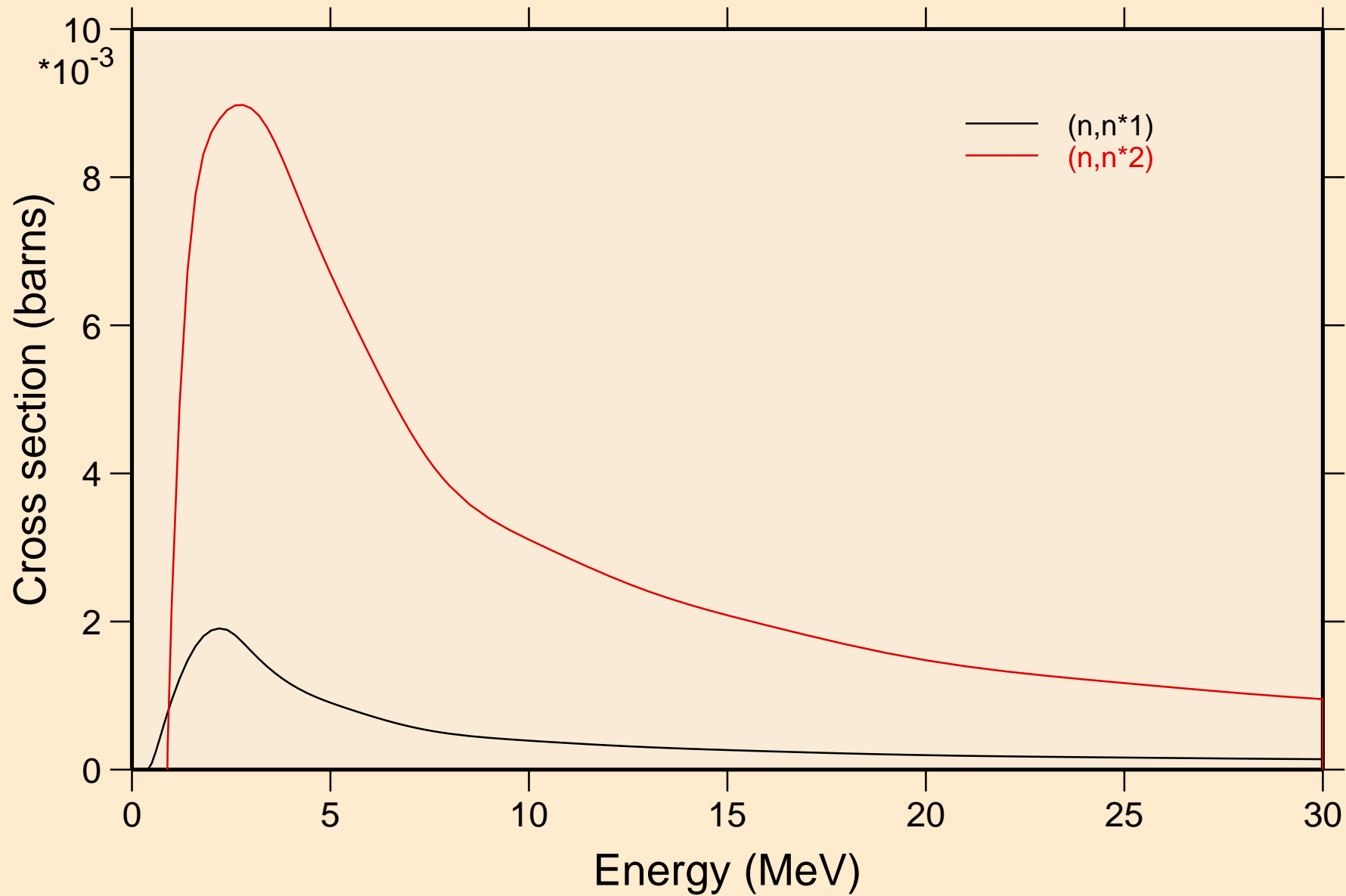
# BI195 NRG TENDL-2015, AKONING

## Non-threshold reactions



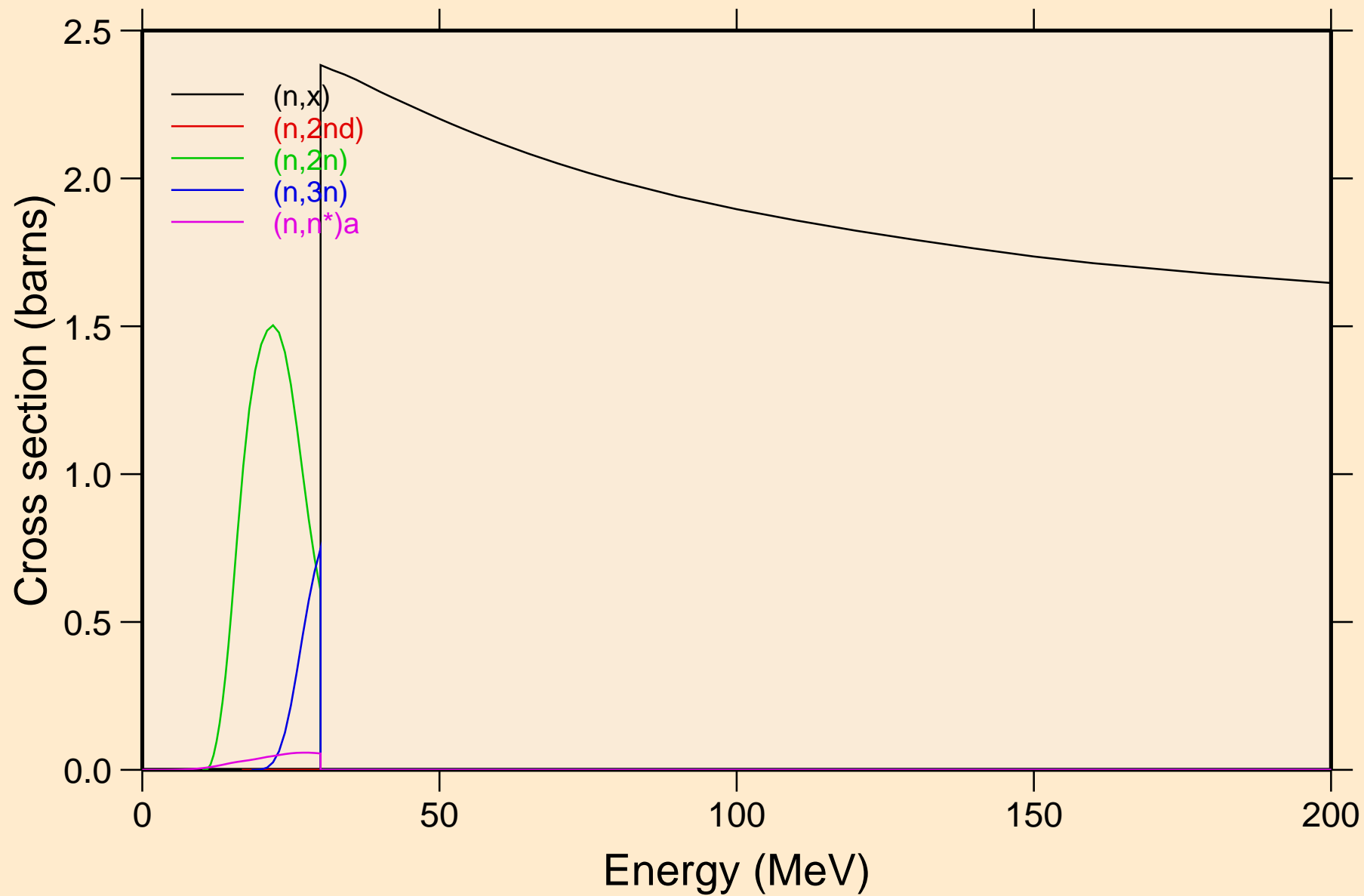
# BI195 NRG TENDL-2015, AKONING

## Inelastic levels



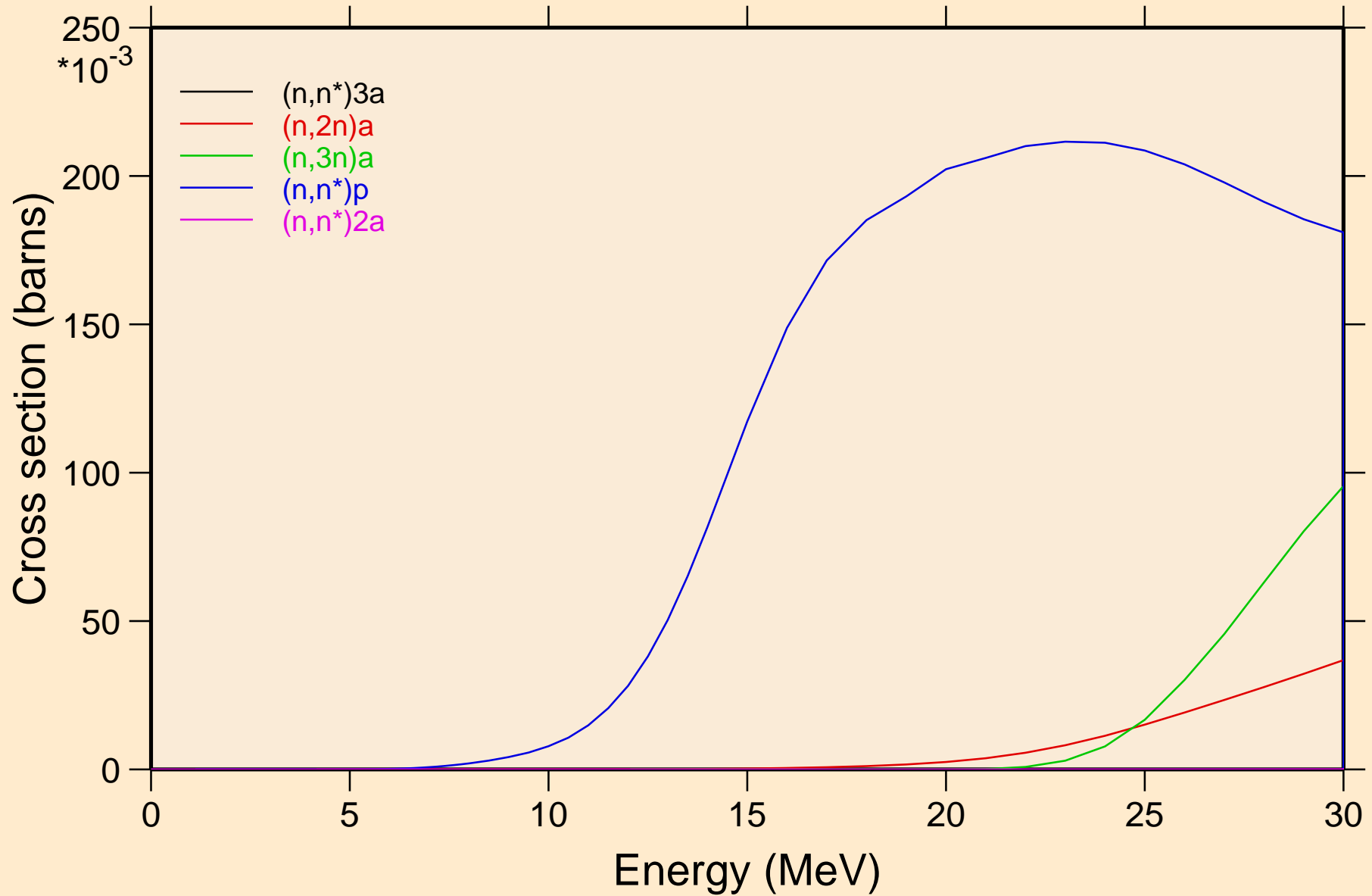
# BI195 NRG TENDL-2015, AKONING

## Threshold reactions



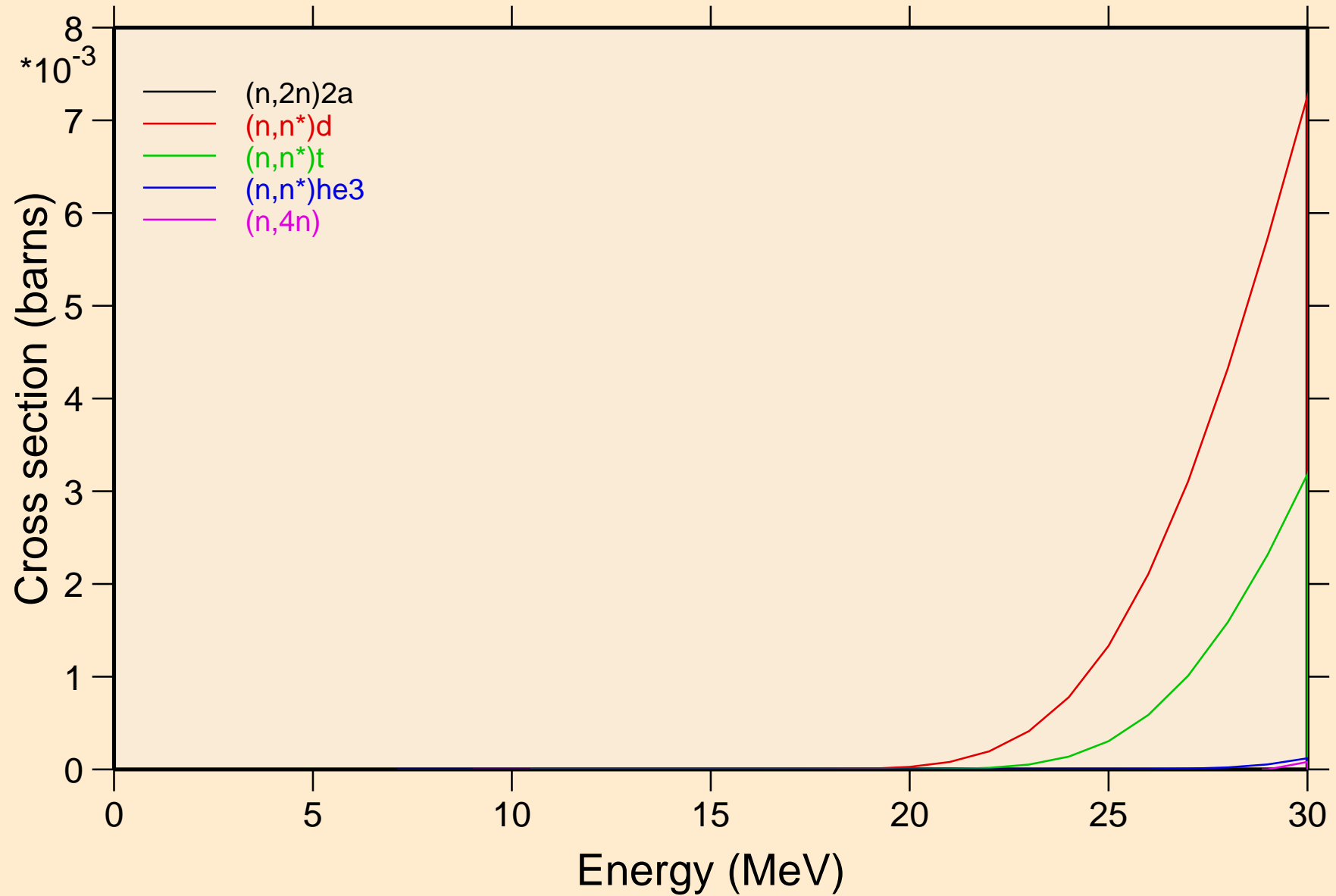
# BI195 NRG TENDL-2015, AKONING

## Threshold reactions



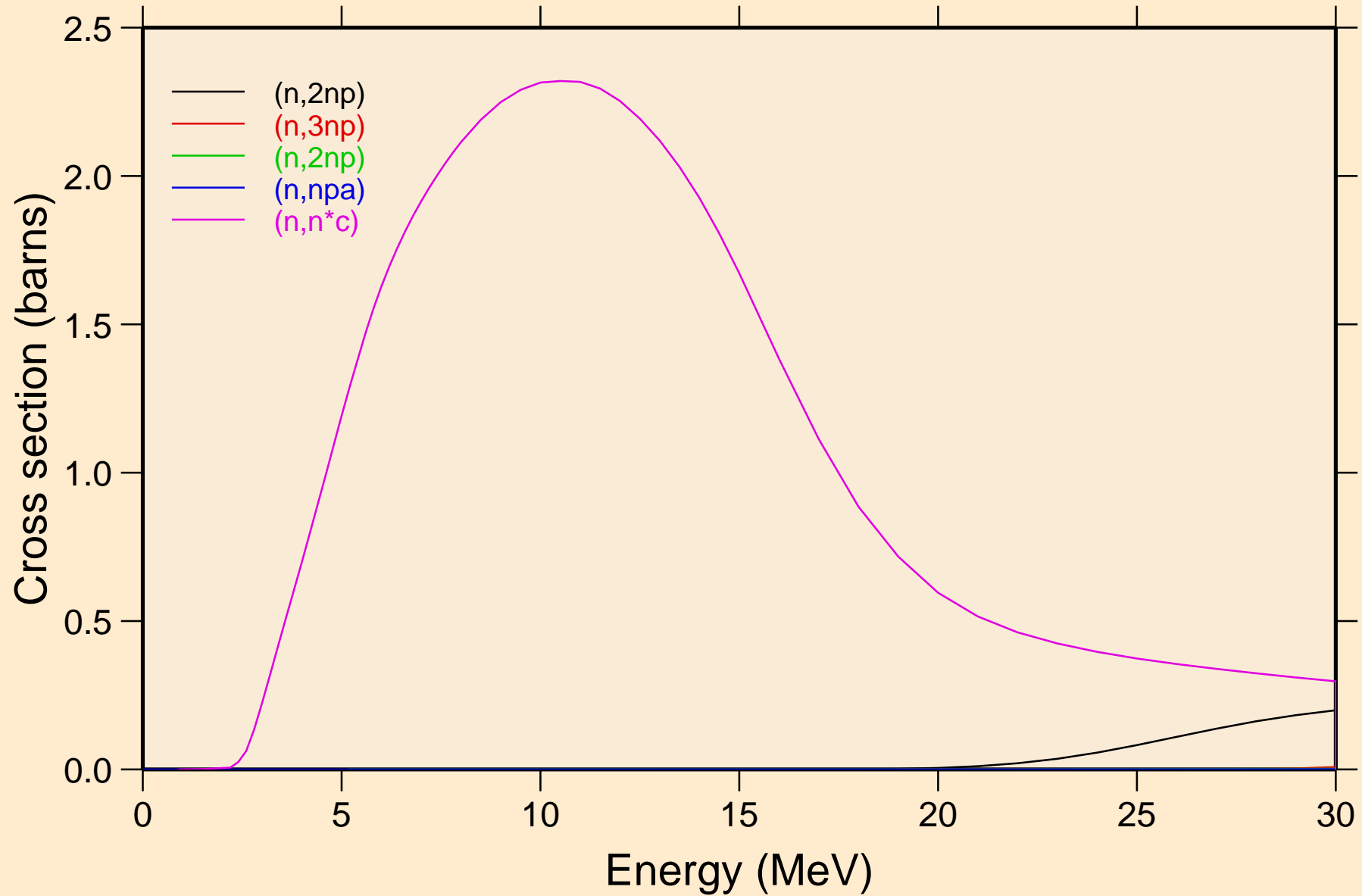
# BI195 NRG TENDL-2015, AKONING

## Threshold reactions



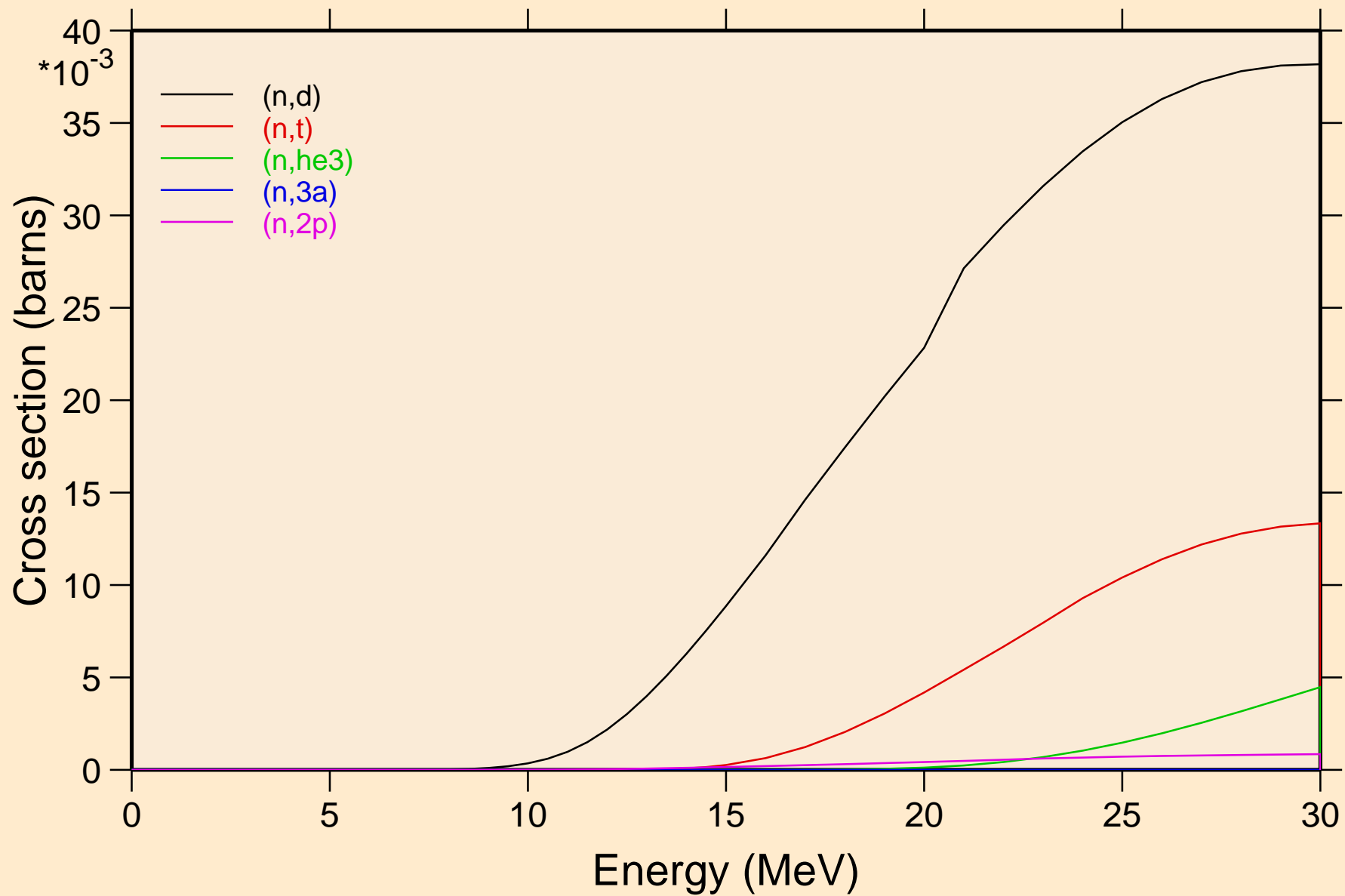
# BI195 NRG TENDL-2015, AKONING

## Threshold reactions



# BI195 NRG TENDL-2015, AKONING

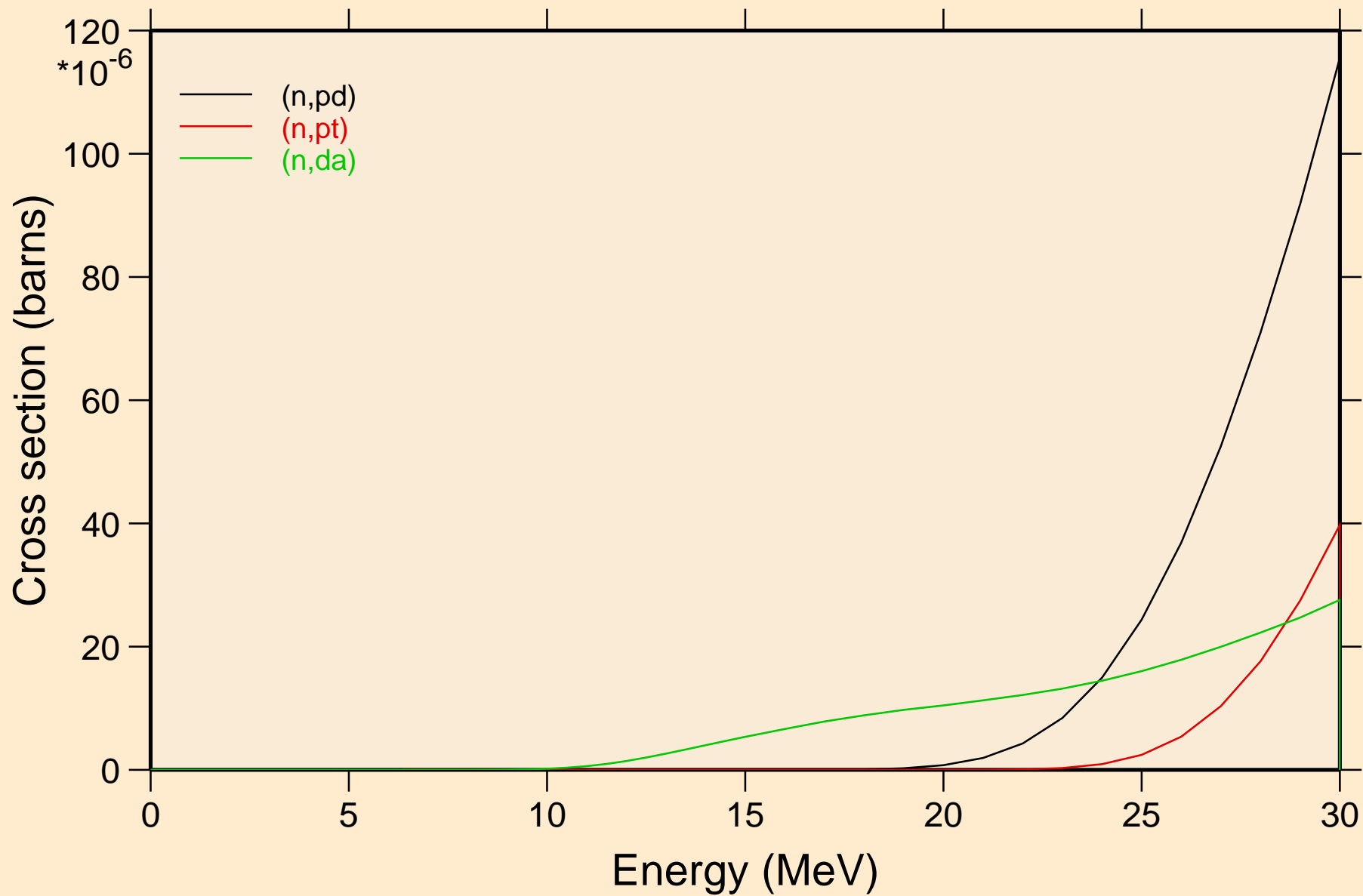
## Threshold reactions



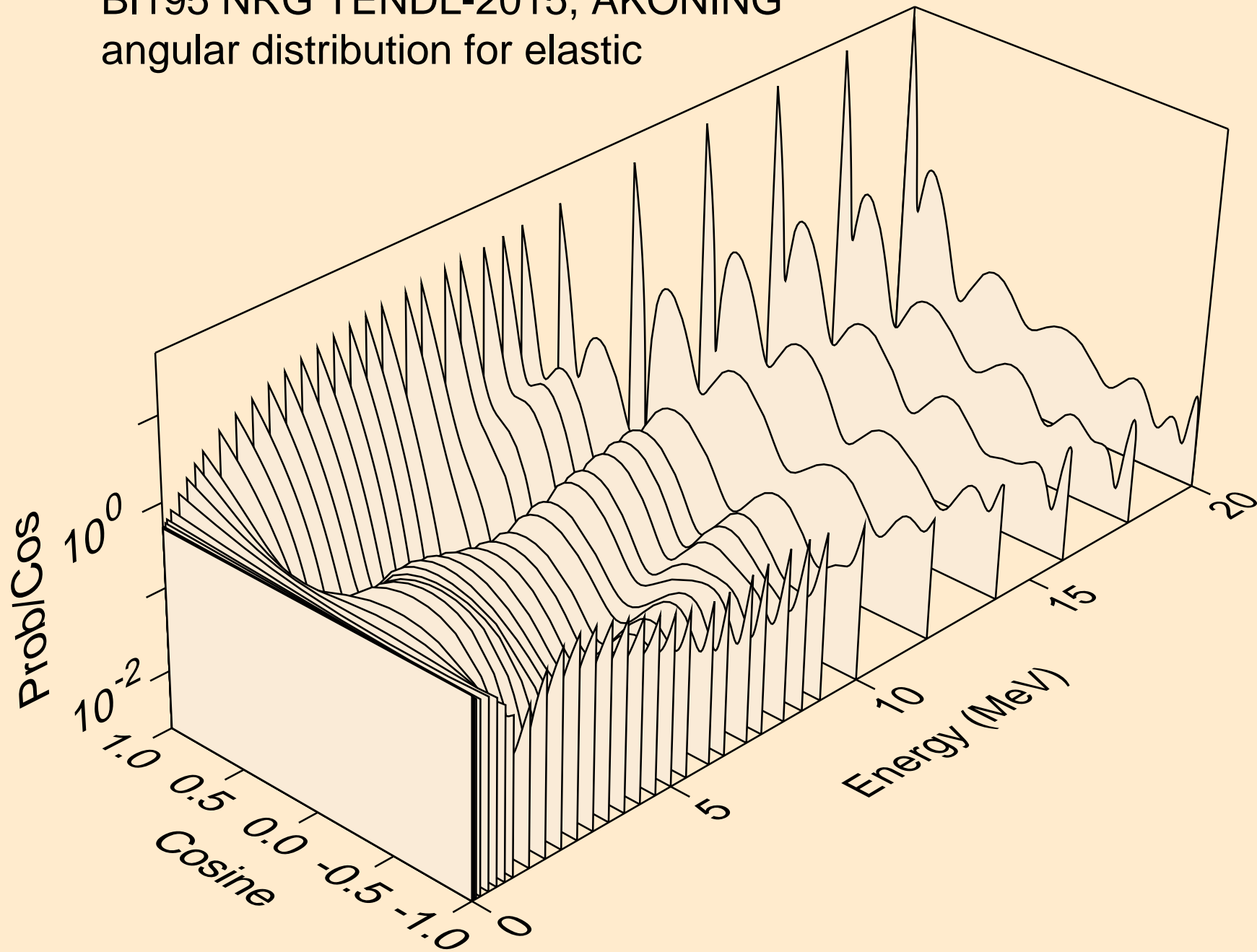


# BI195 NRG TENDL-2015, AKONING

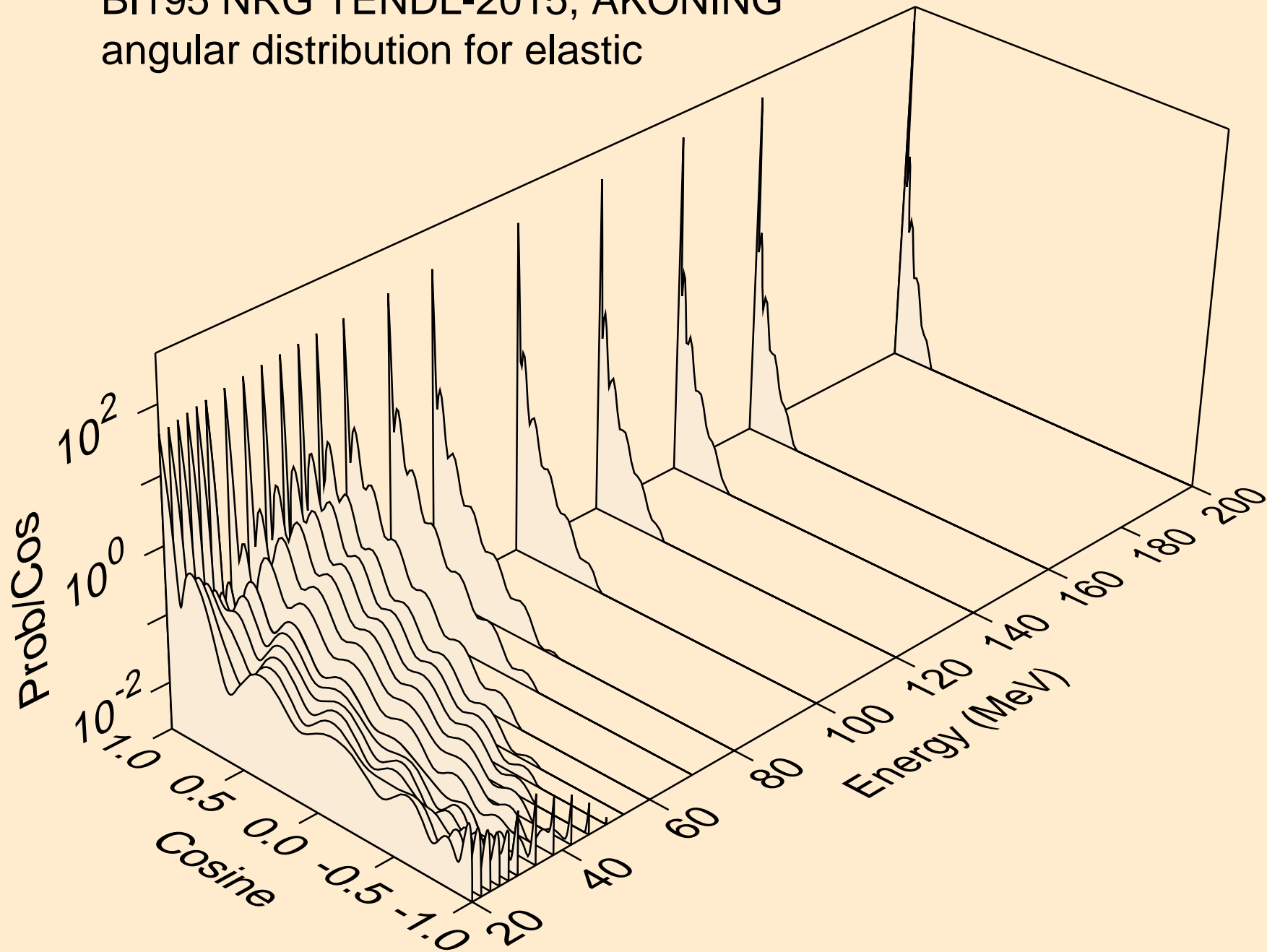
## Threshold reactions



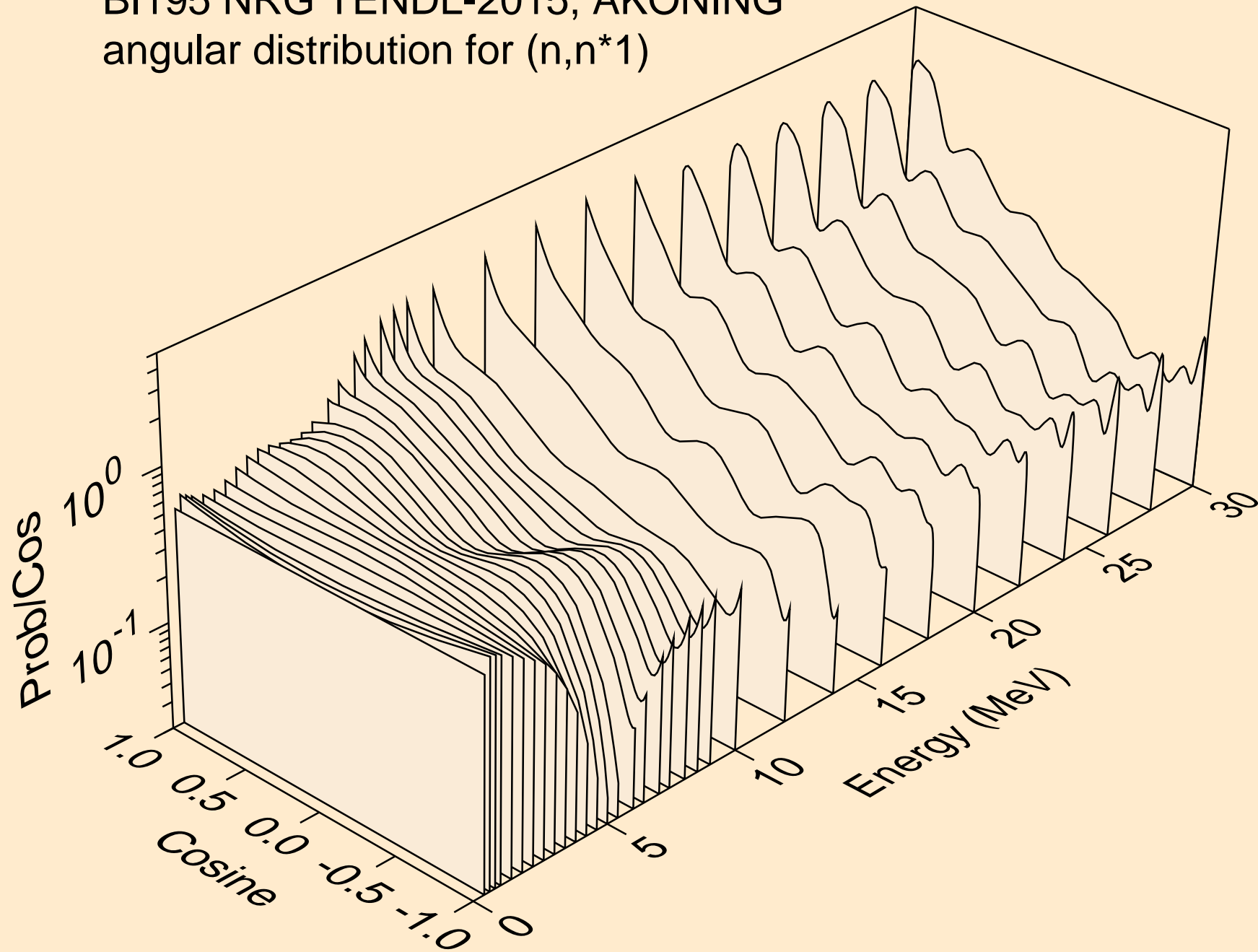
BI195 NRG TENDL-2015, AKONING  
angular distribution for elastic



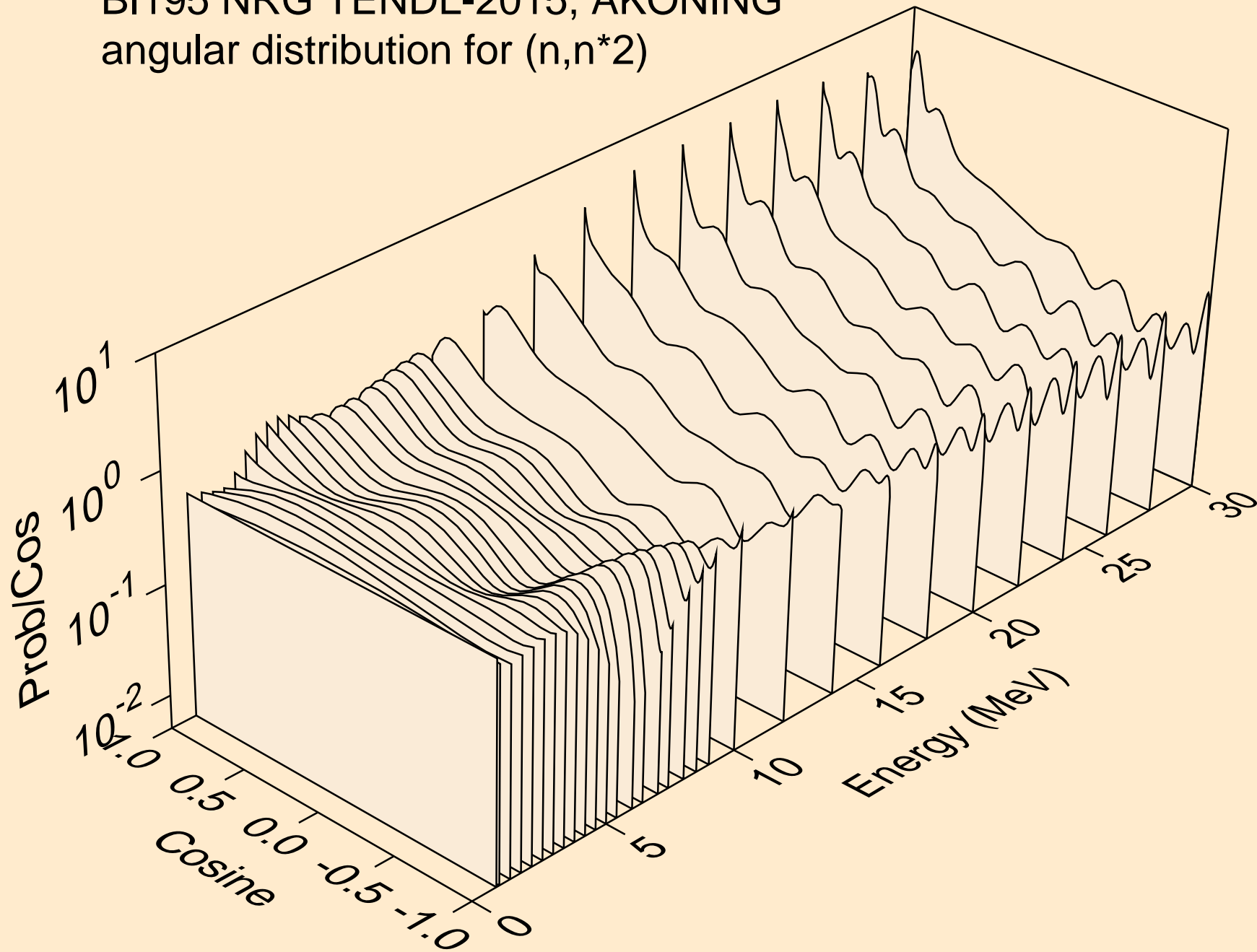
BI195 NRG TENDL-2015, AKONING  
angular distribution for elastic



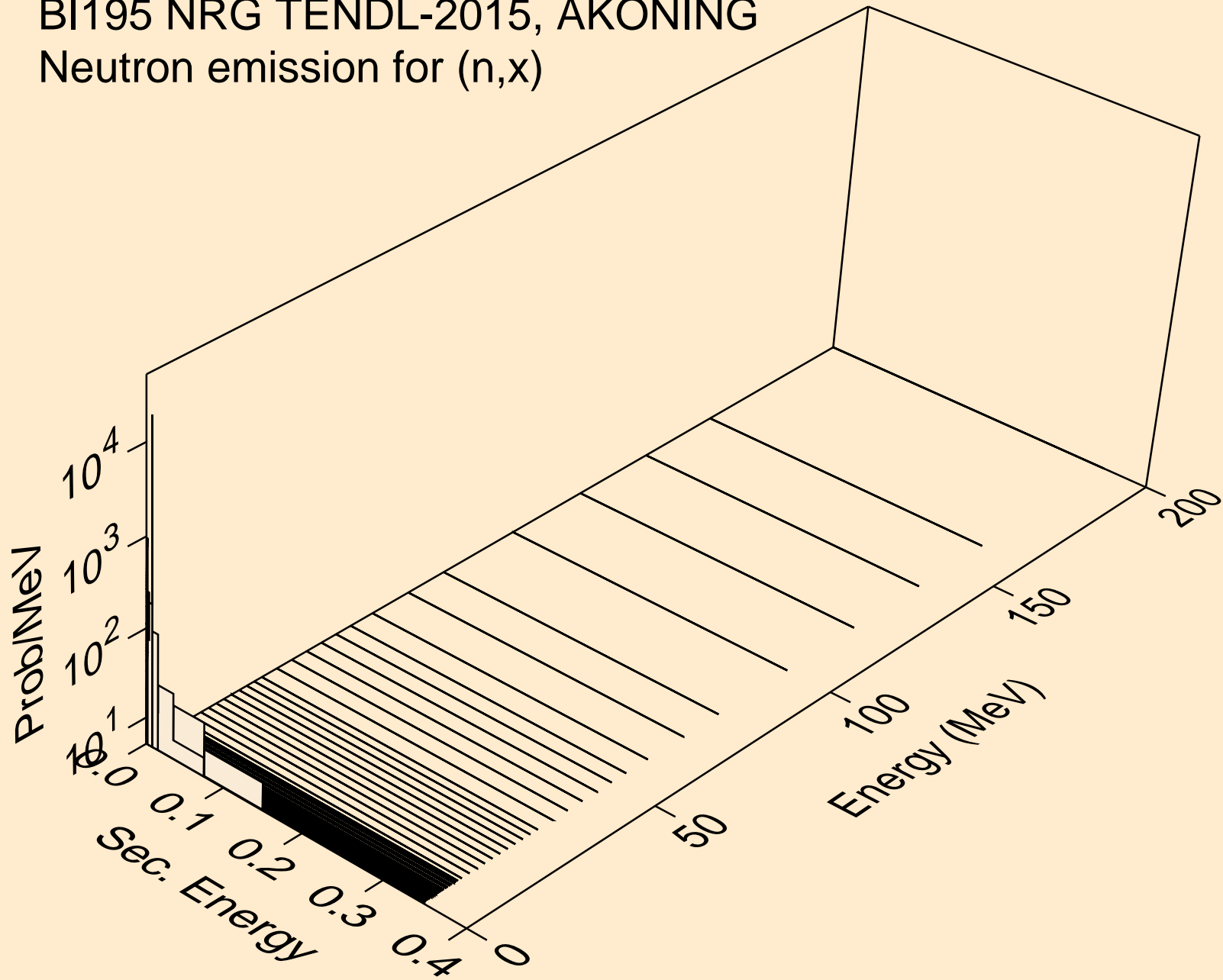
BI195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



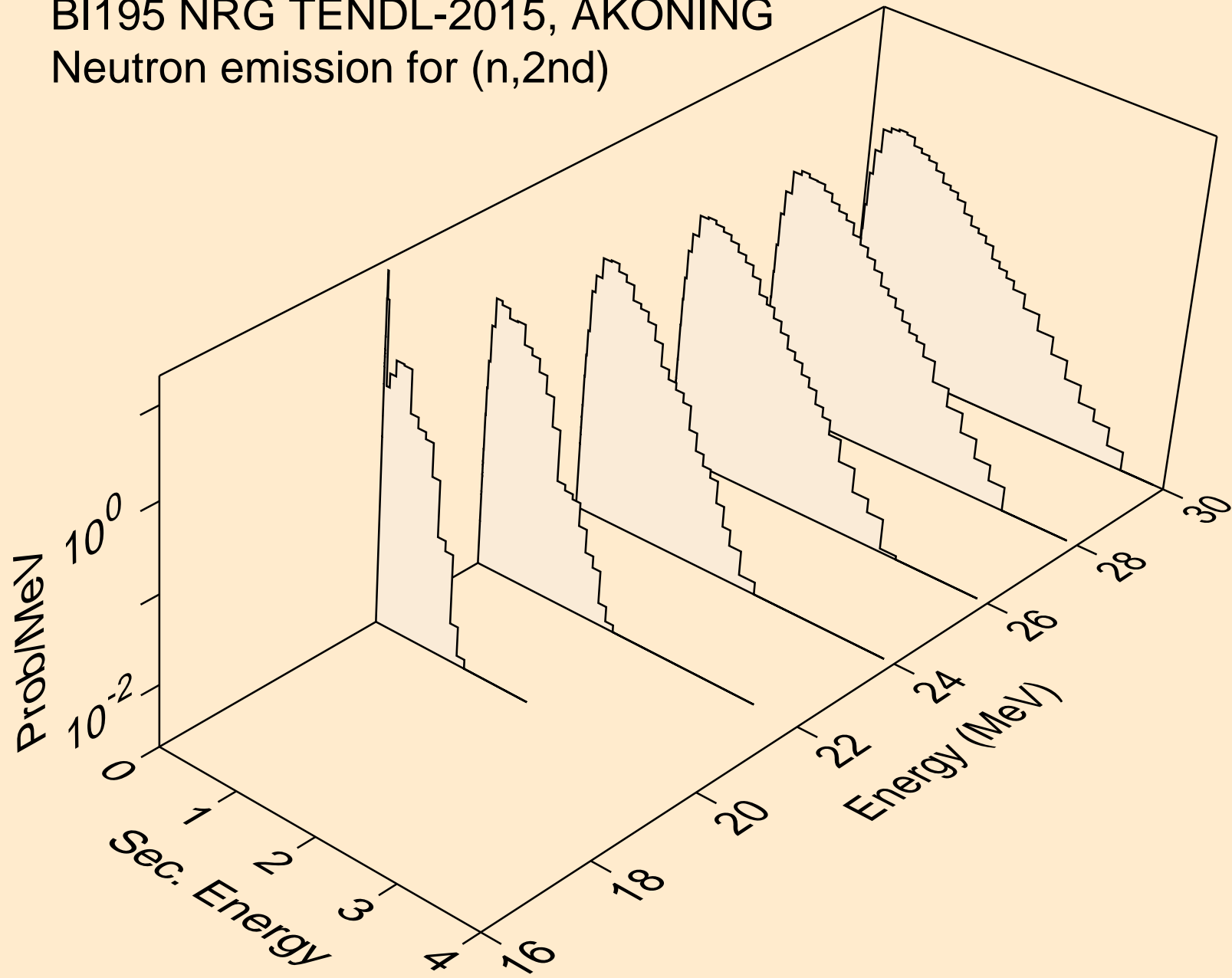
BI195 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



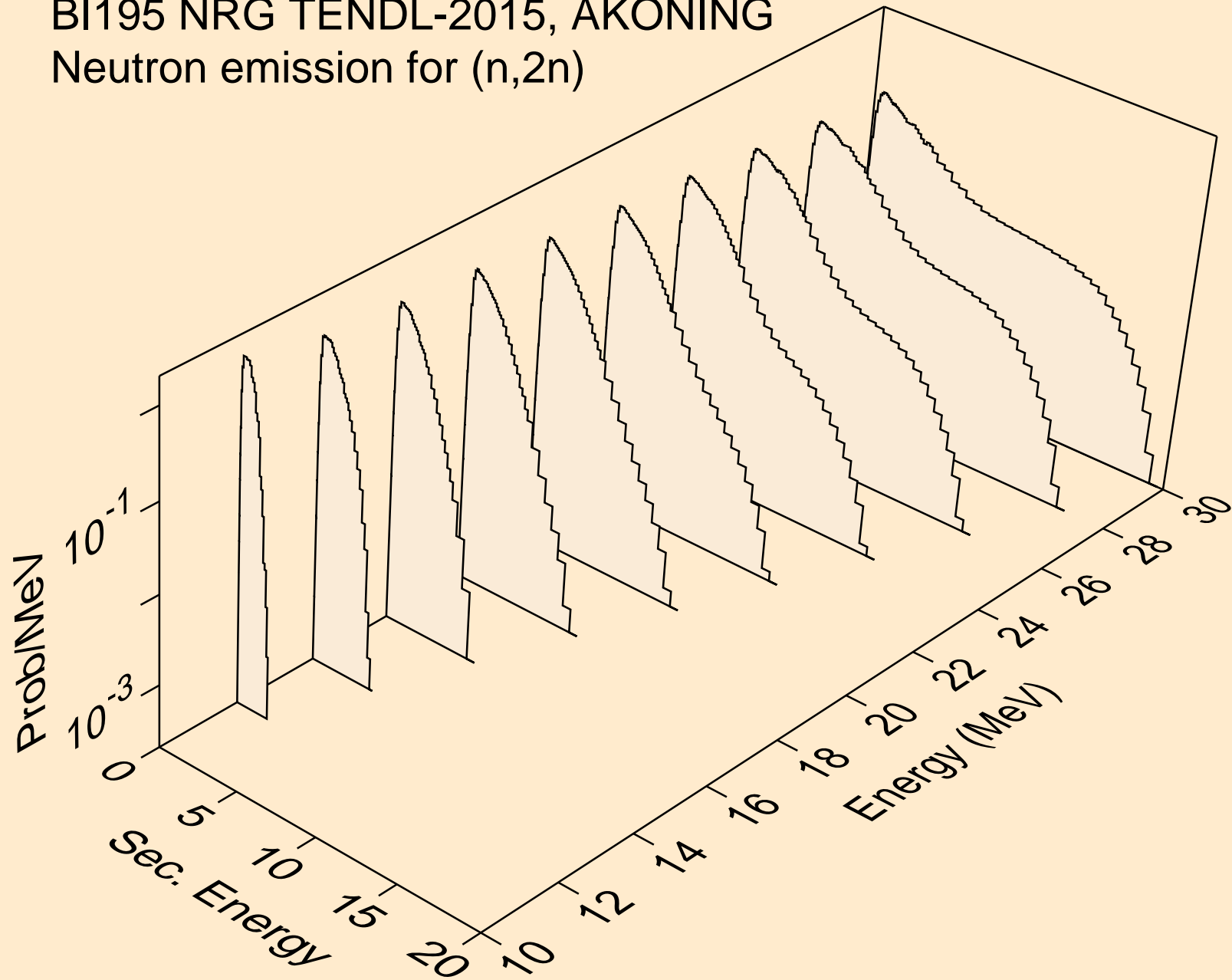
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

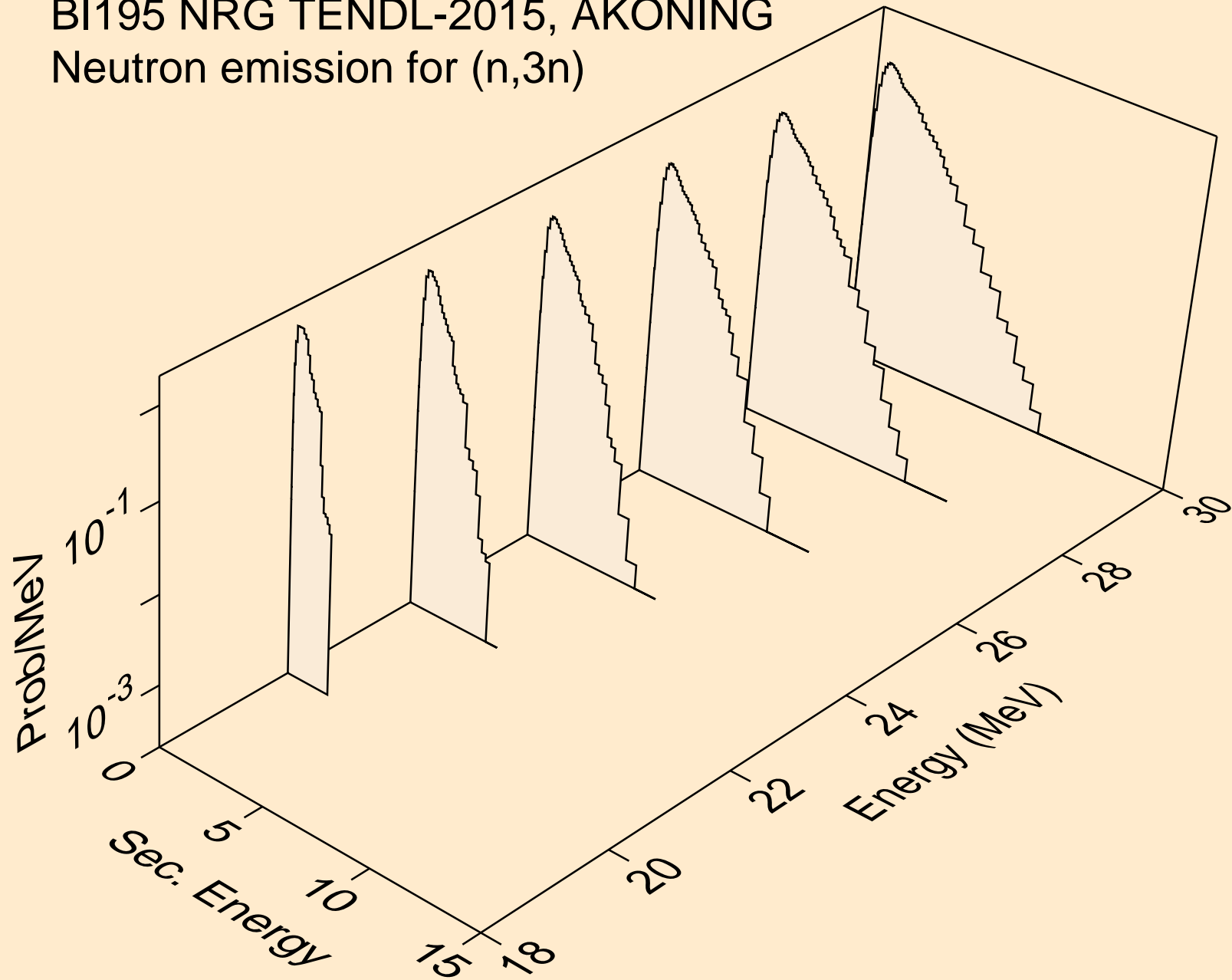


BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)

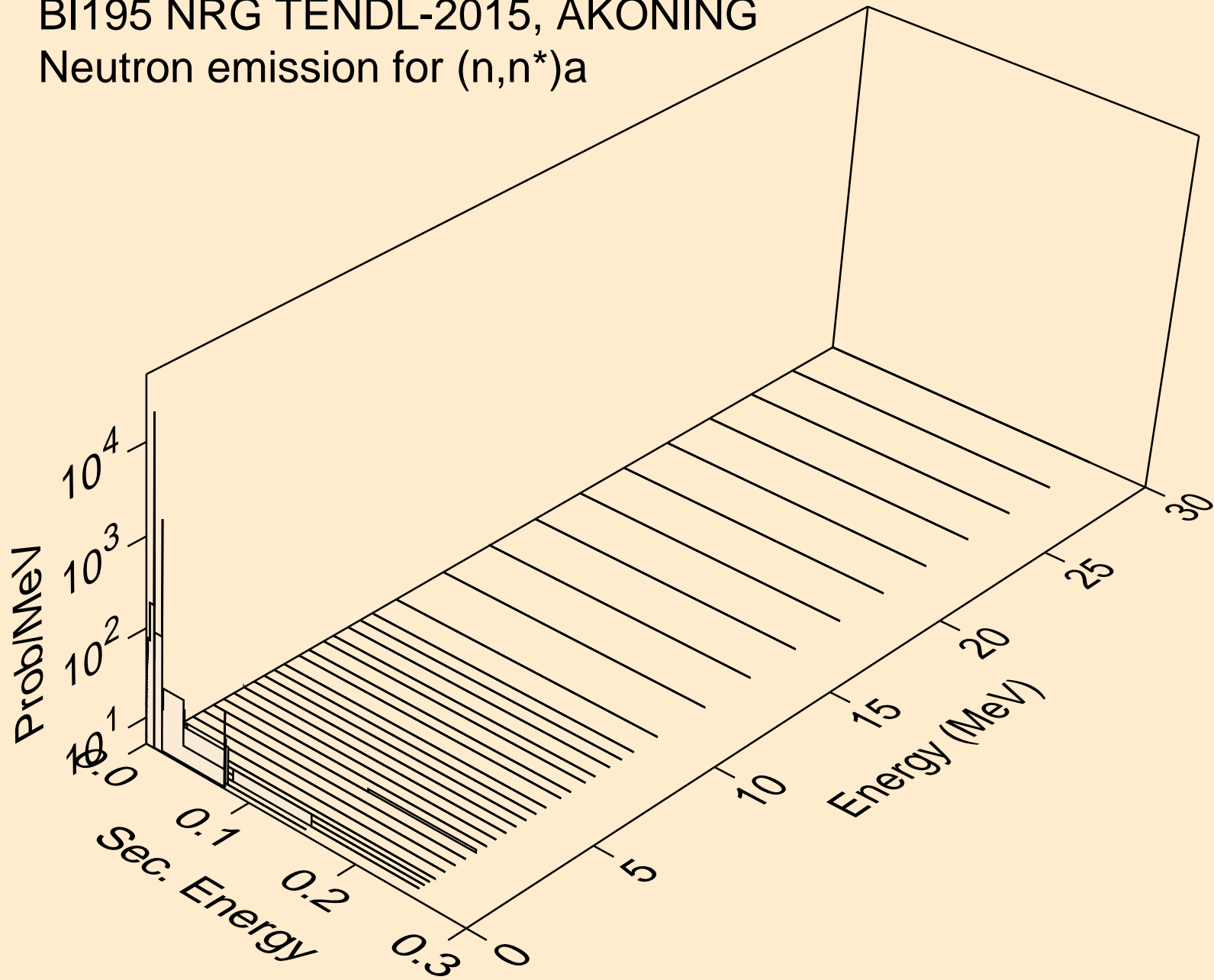




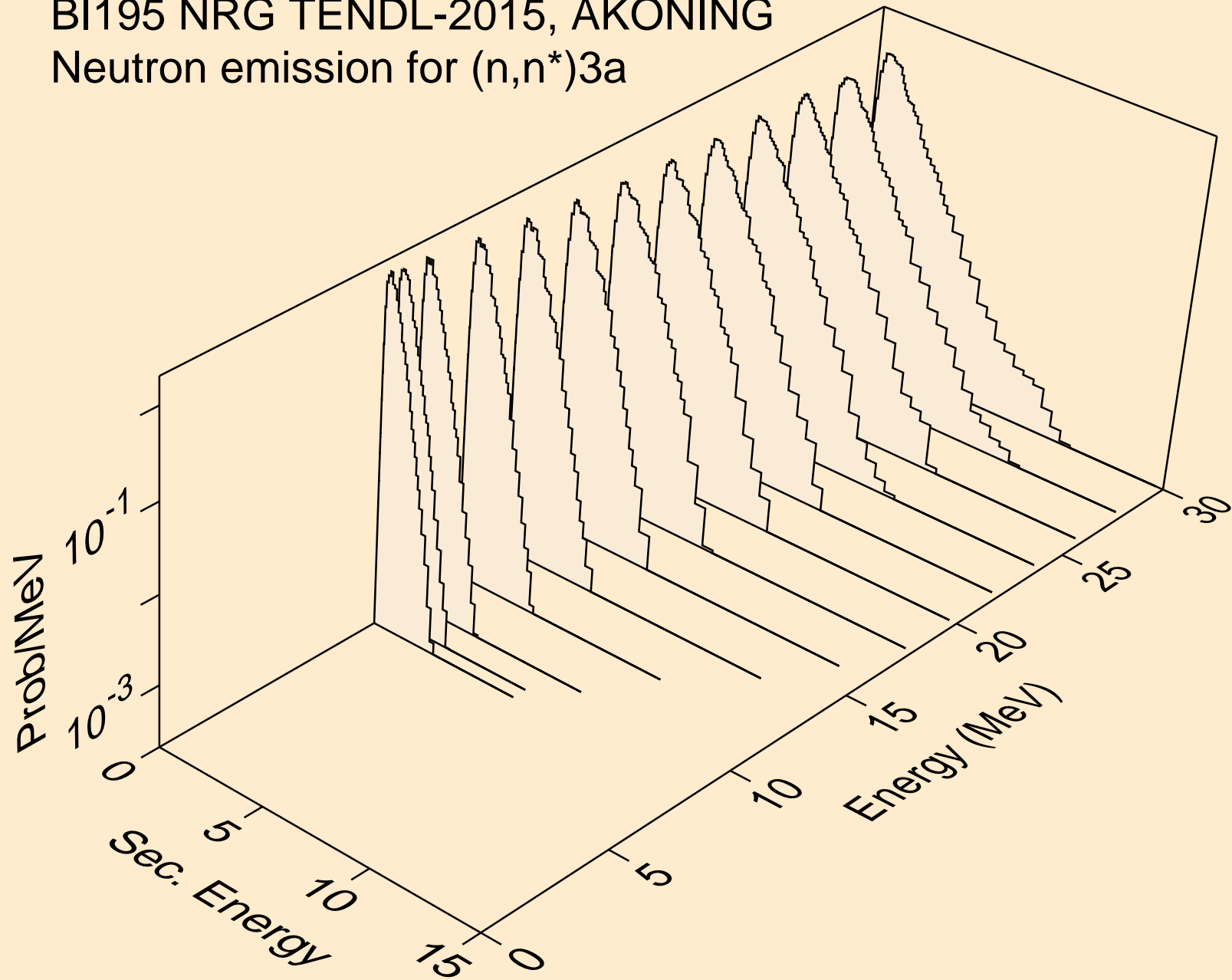
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



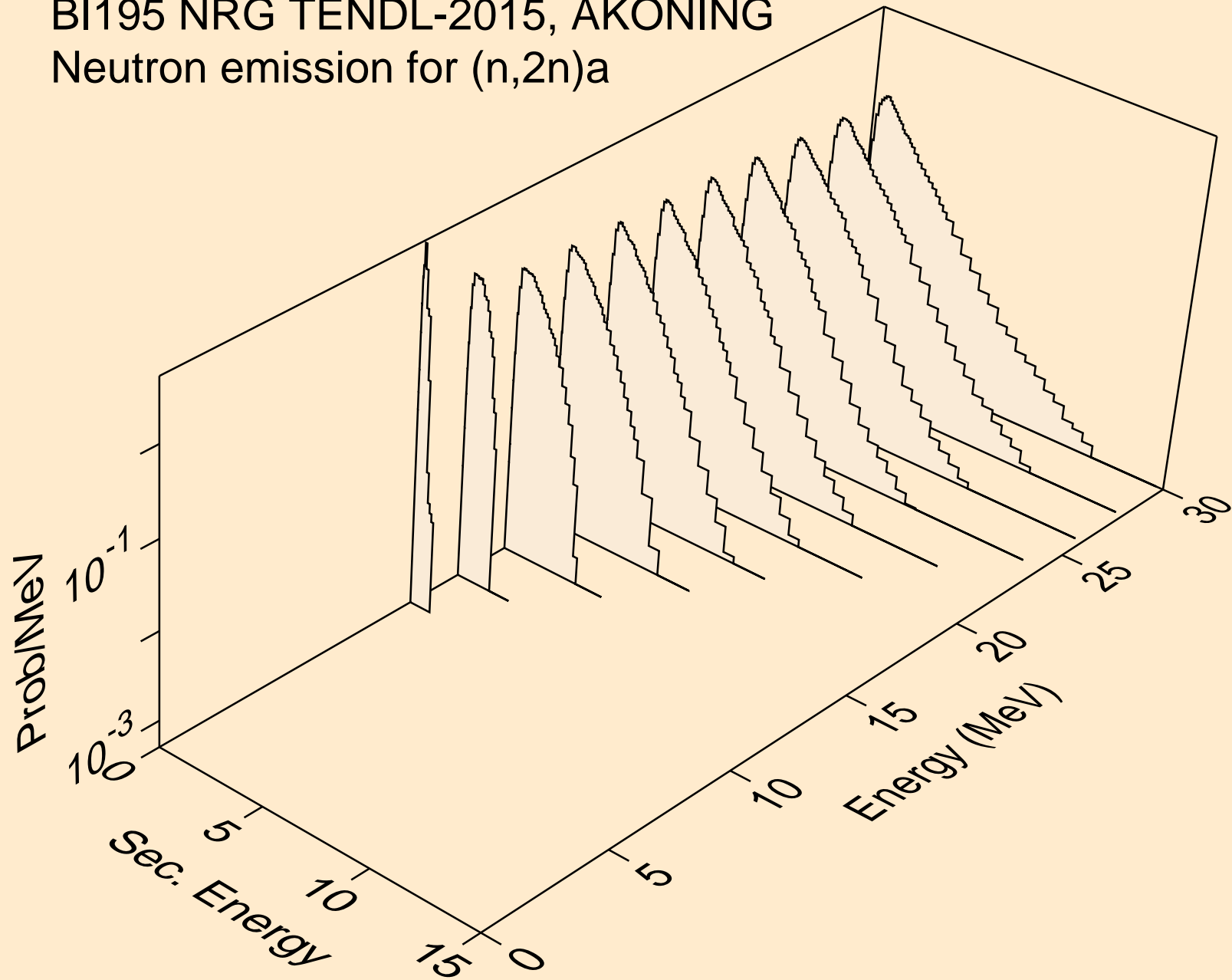
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



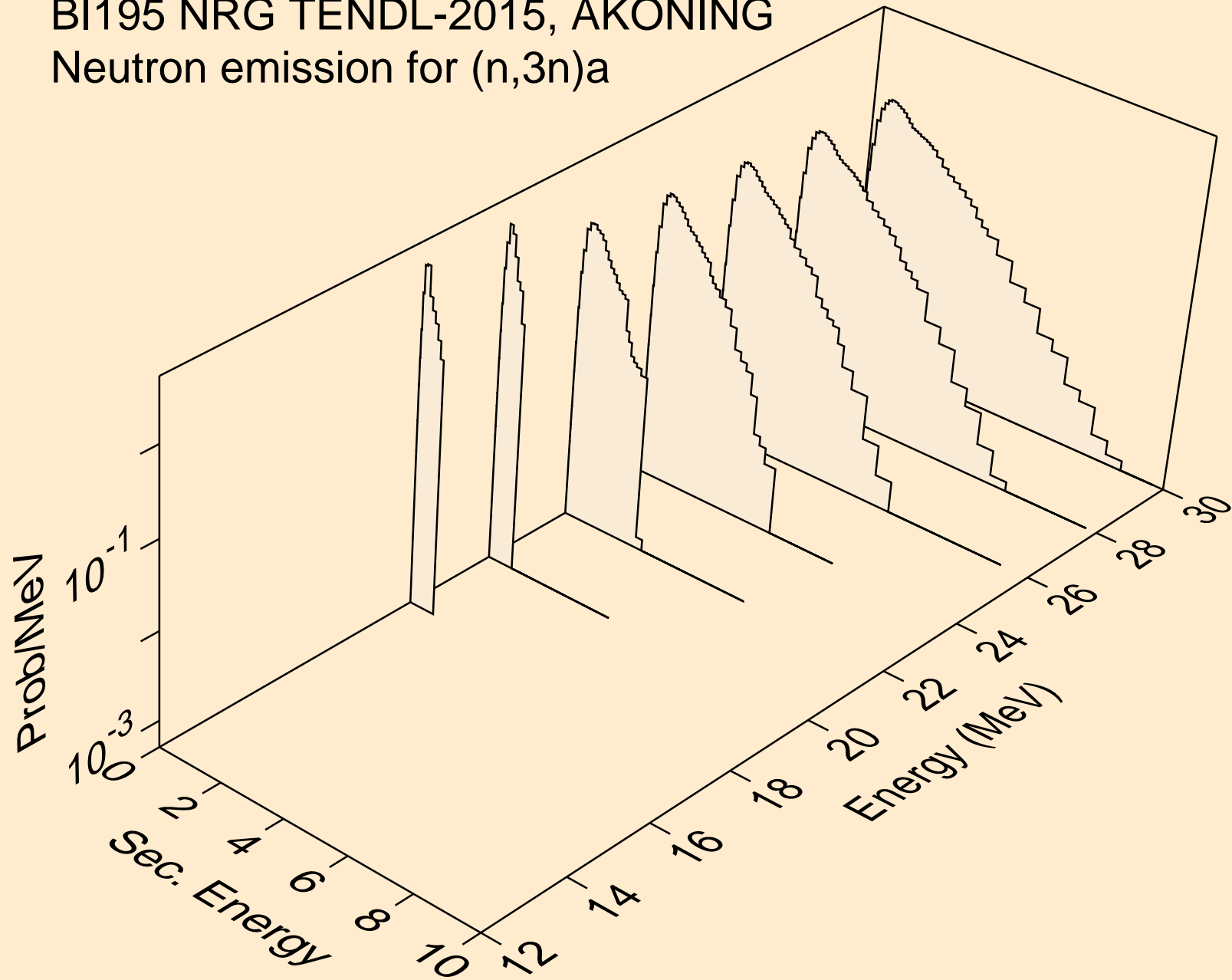
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



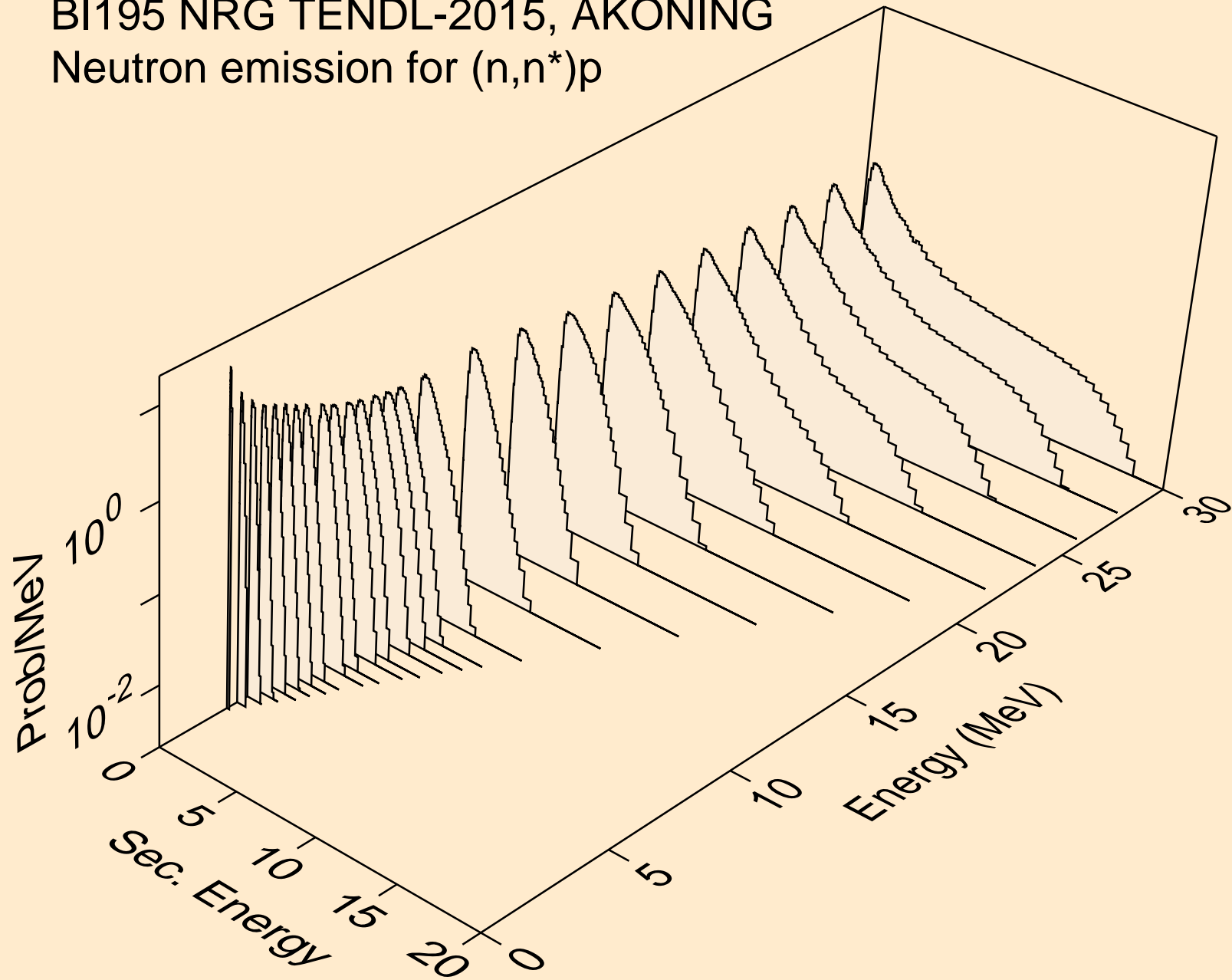
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



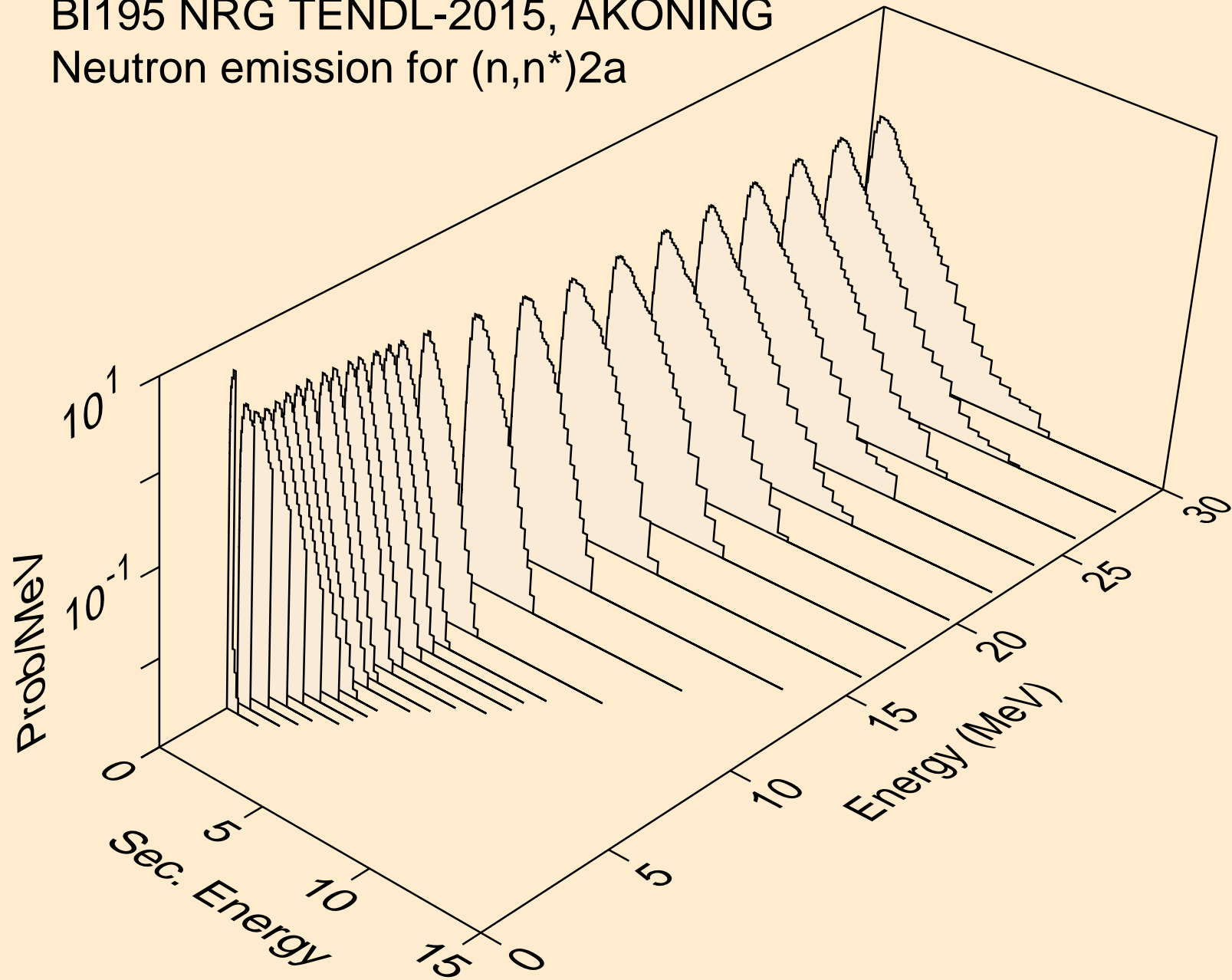
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



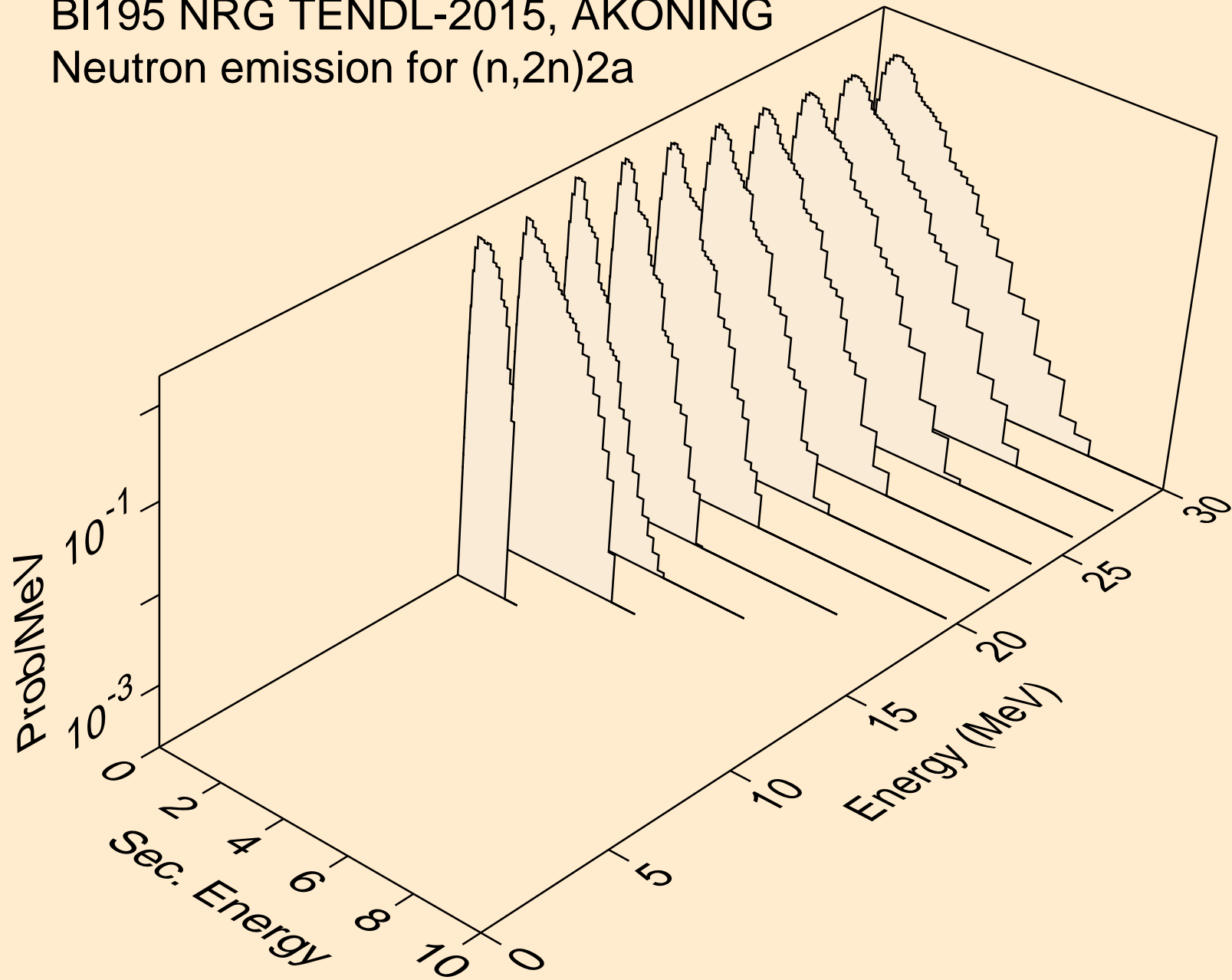
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

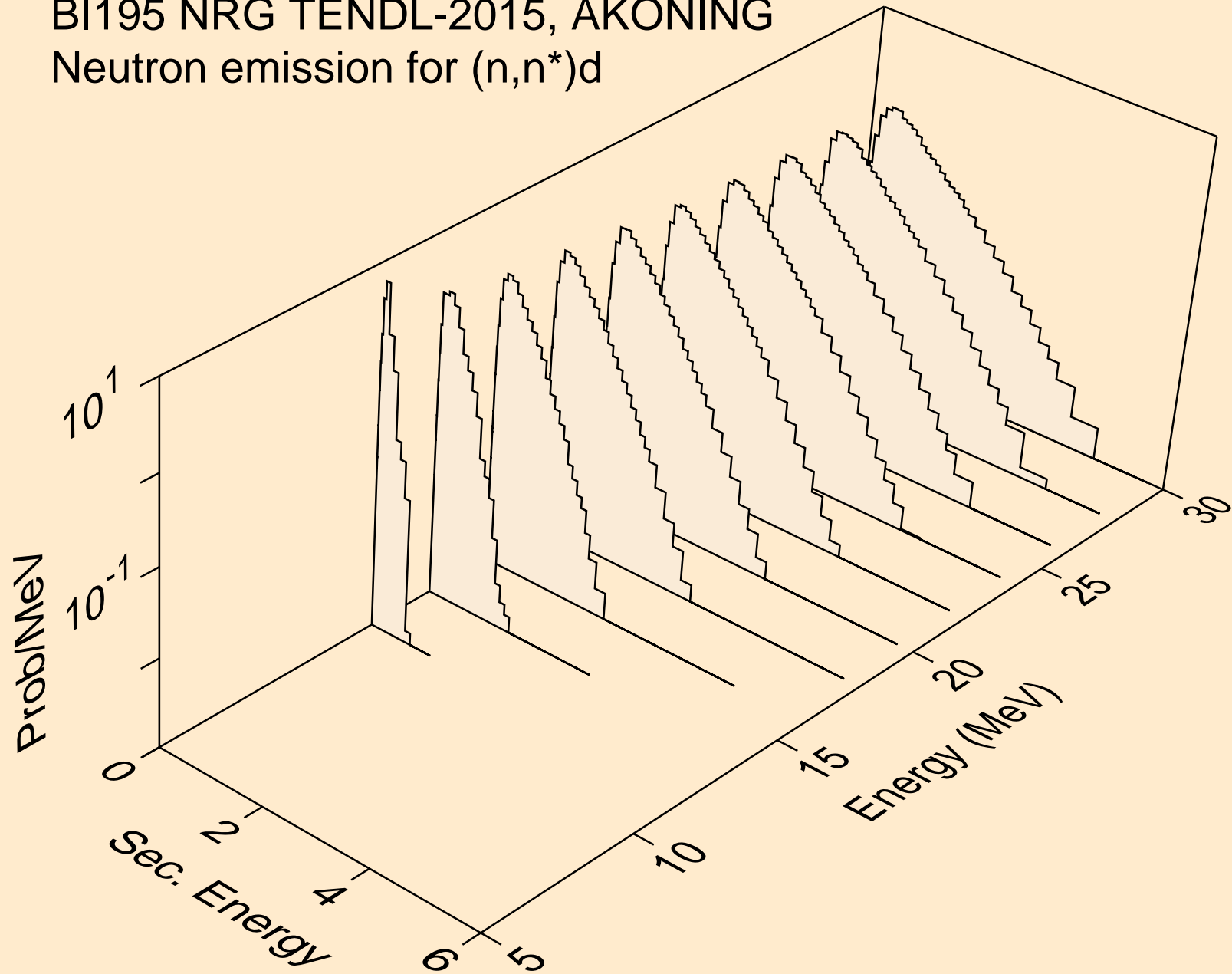


BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a

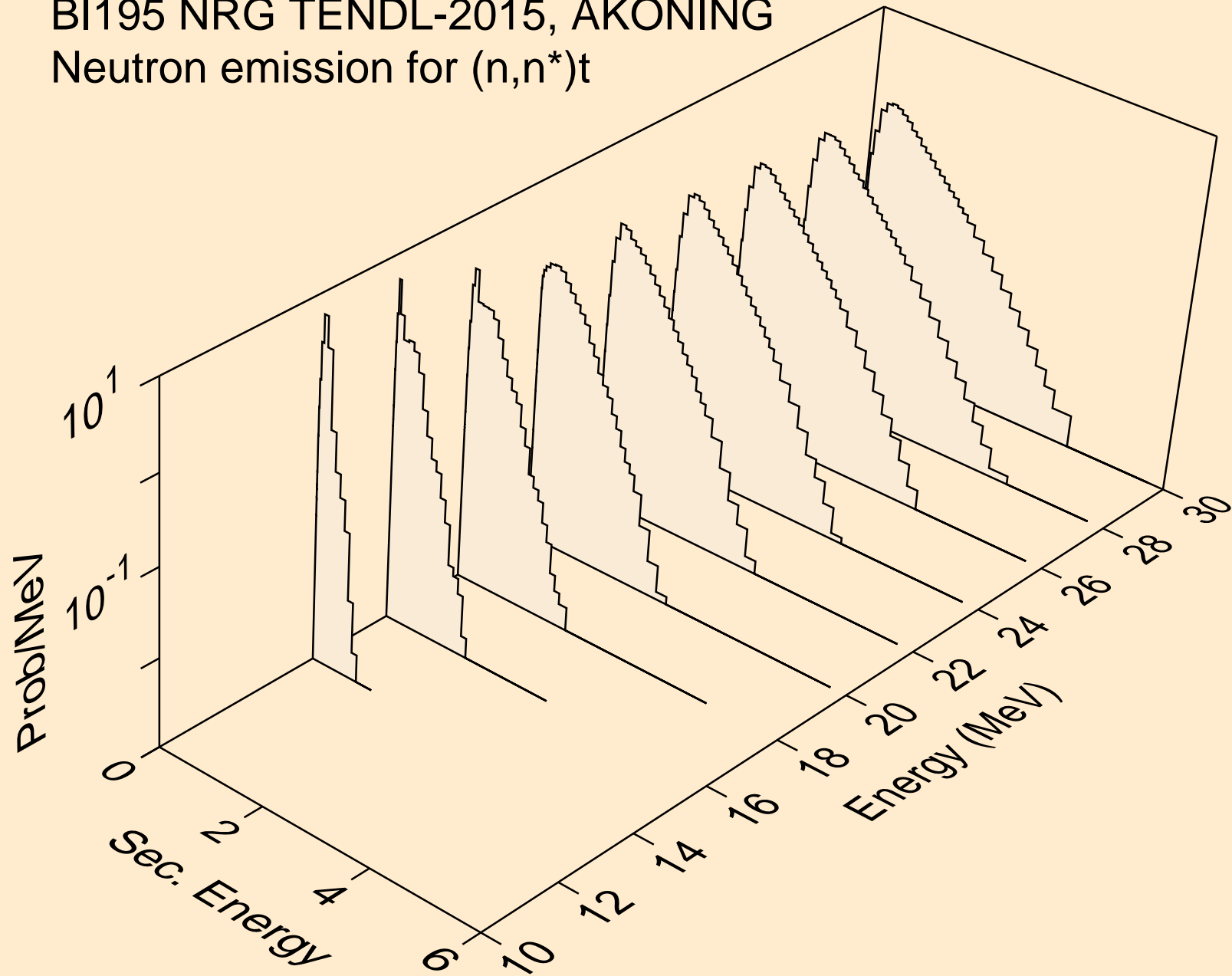




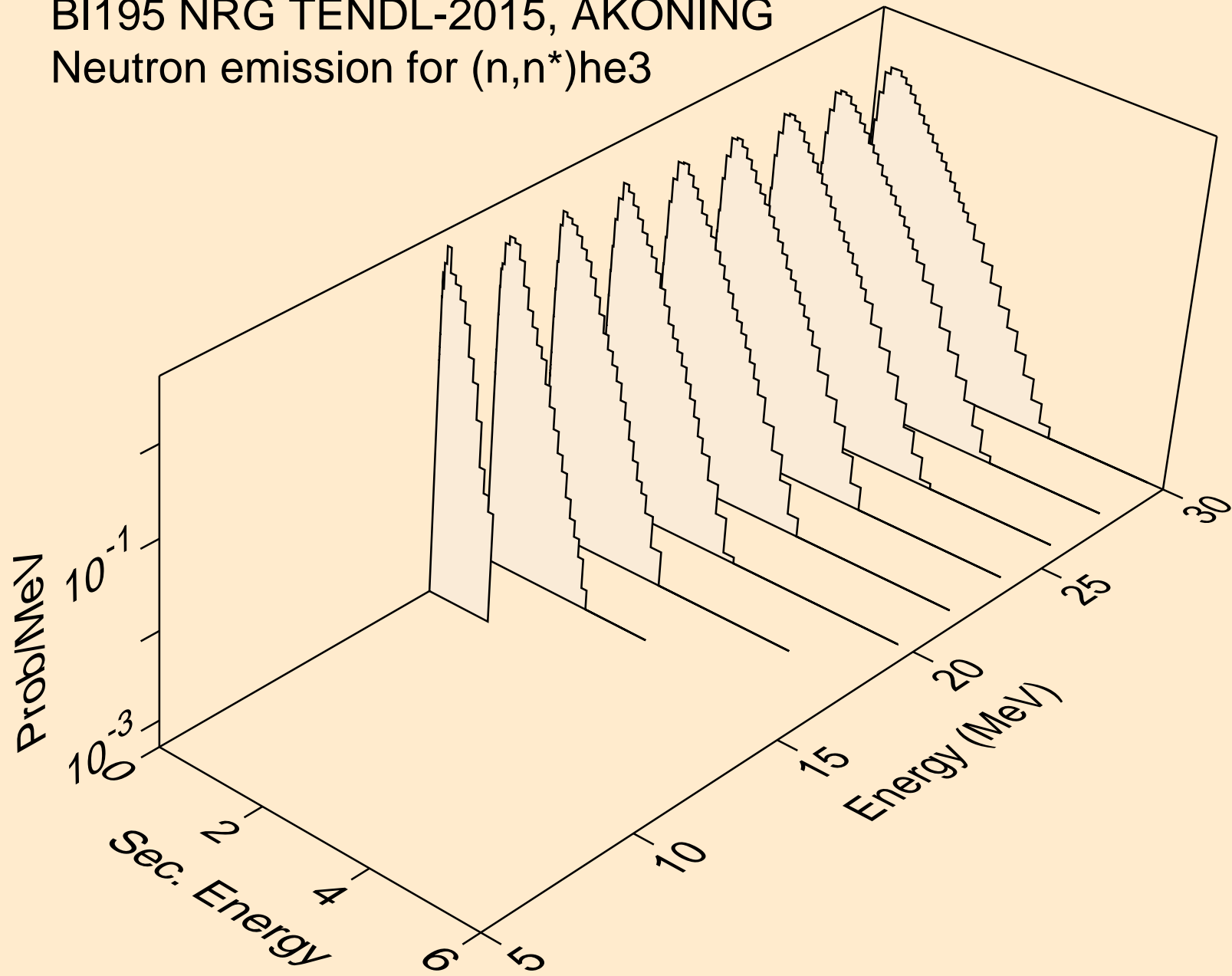
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



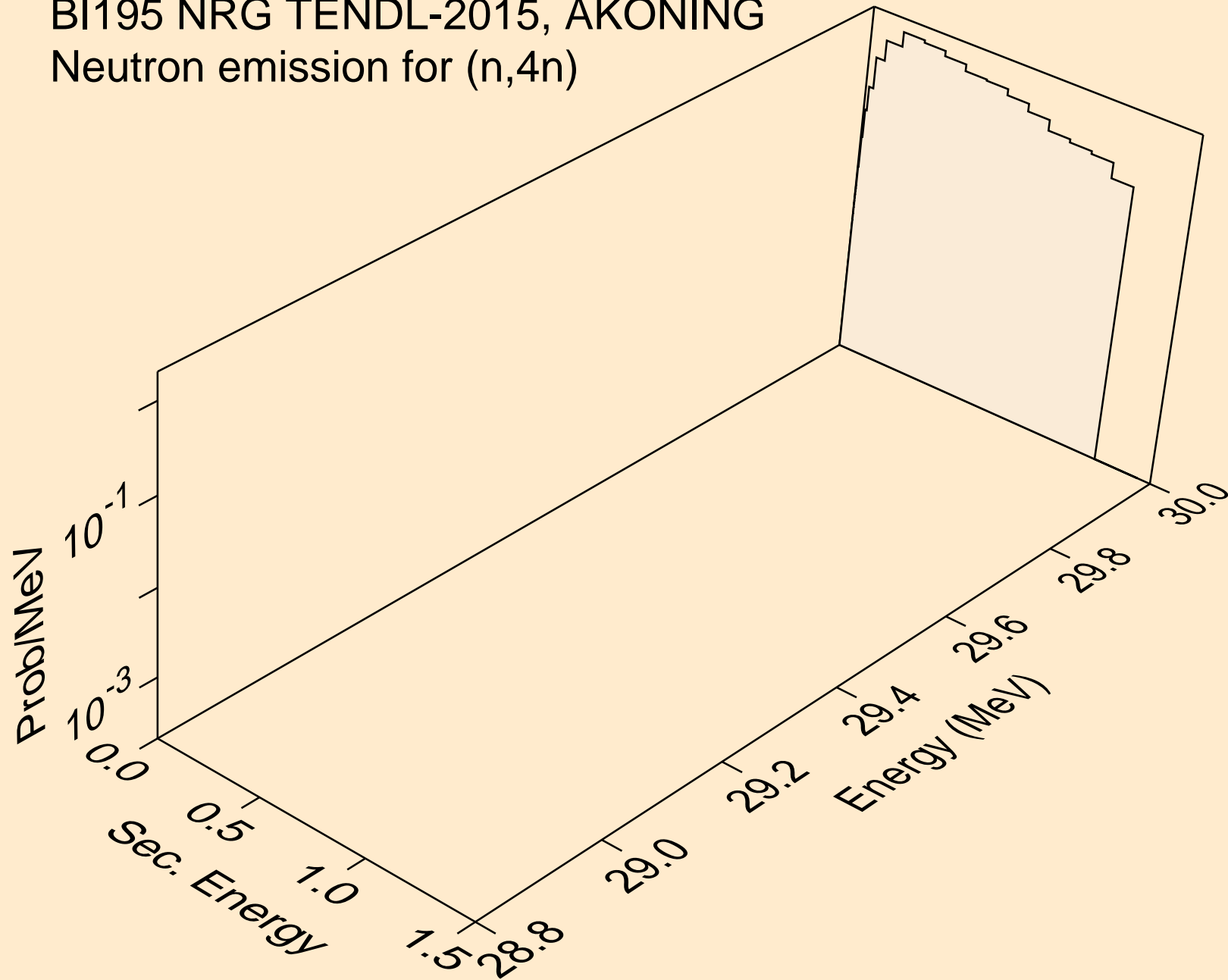
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



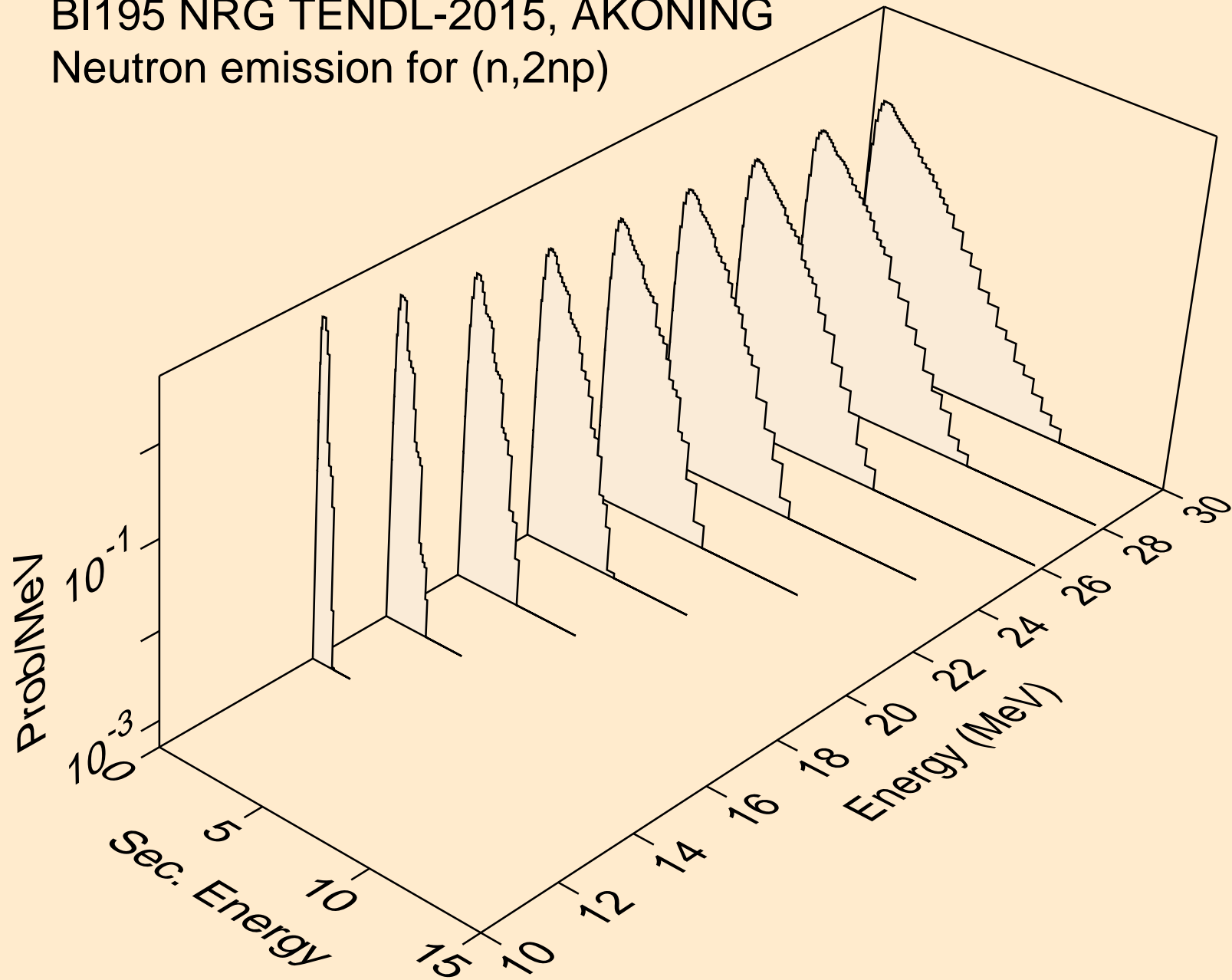
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



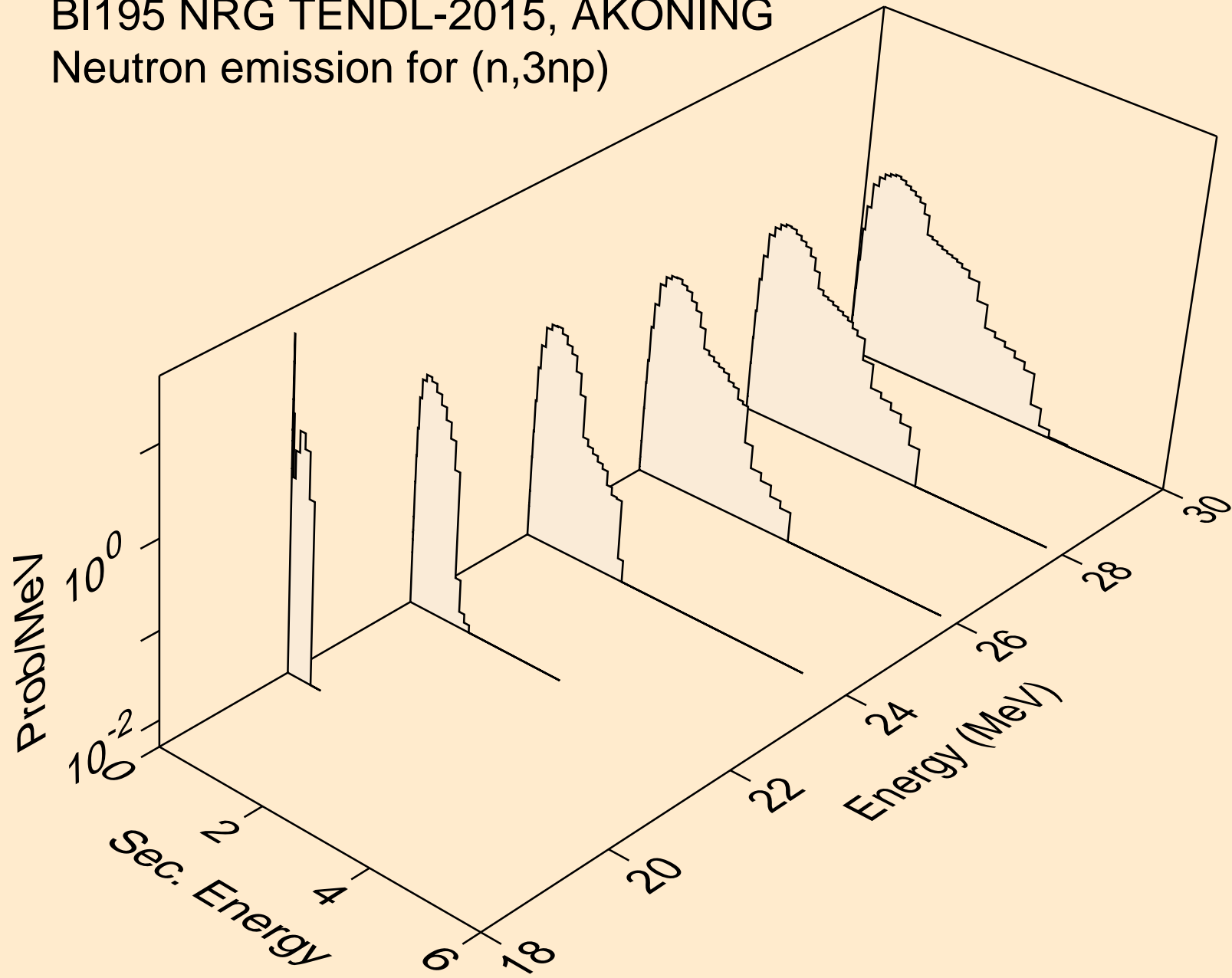
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



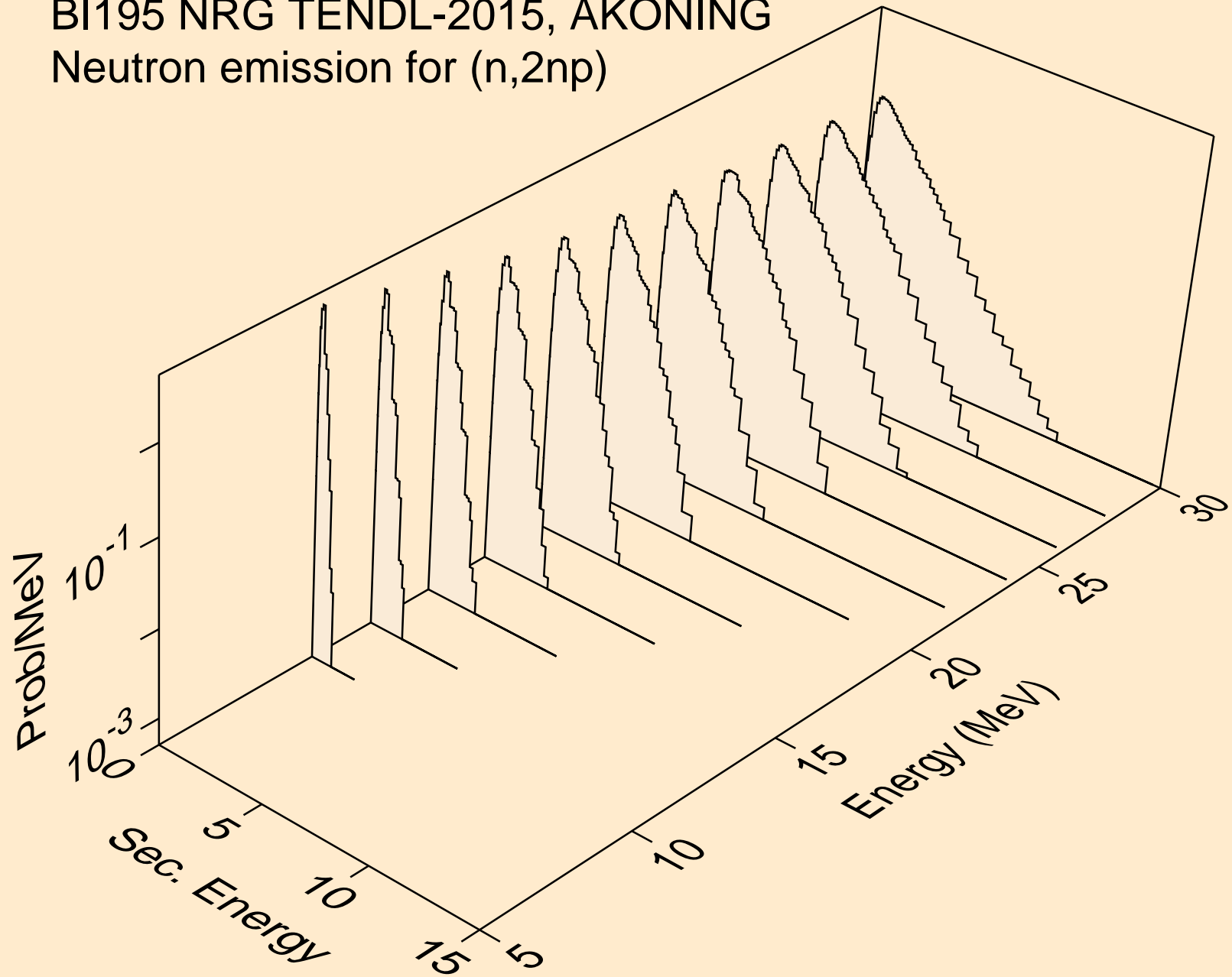
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



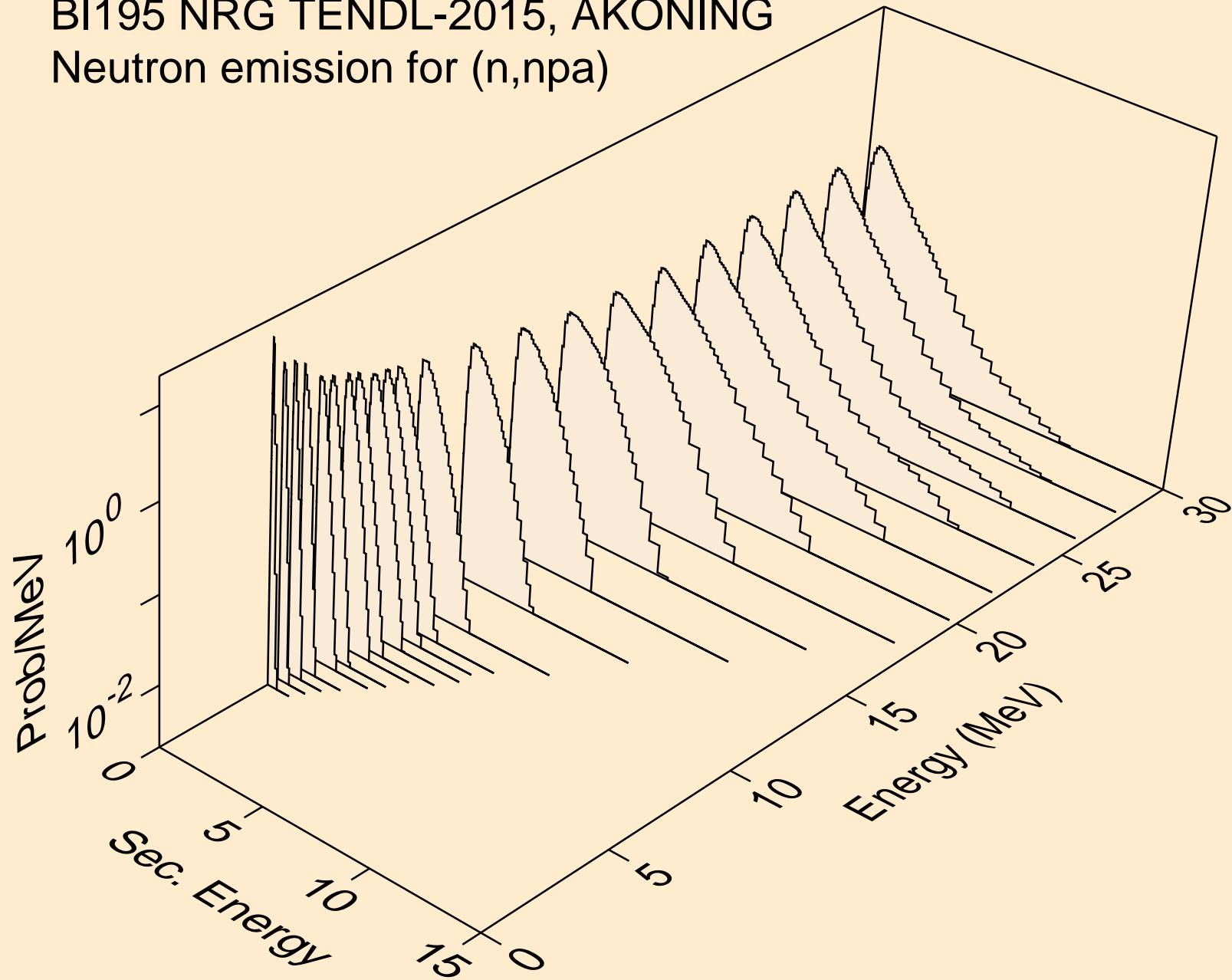
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

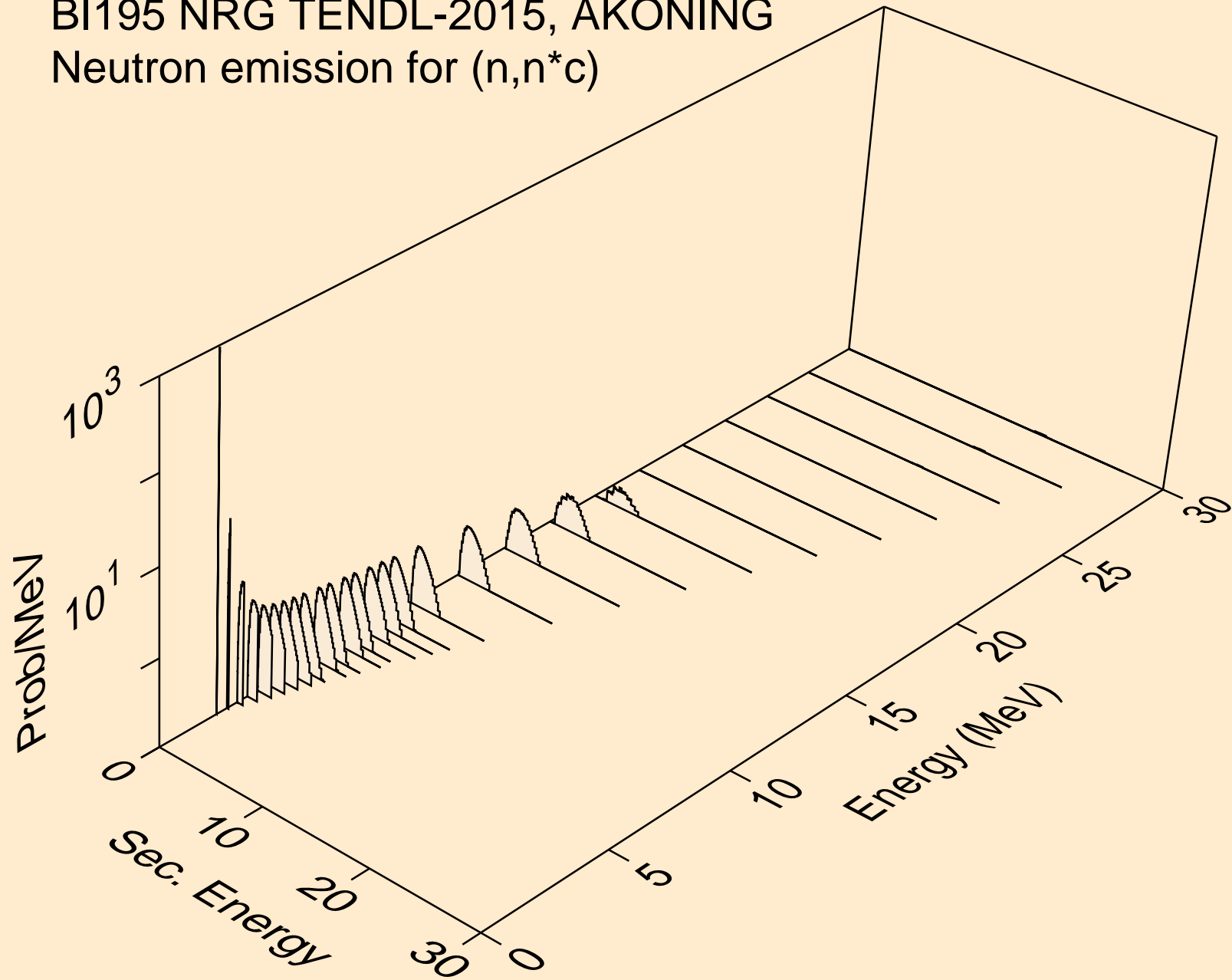


BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

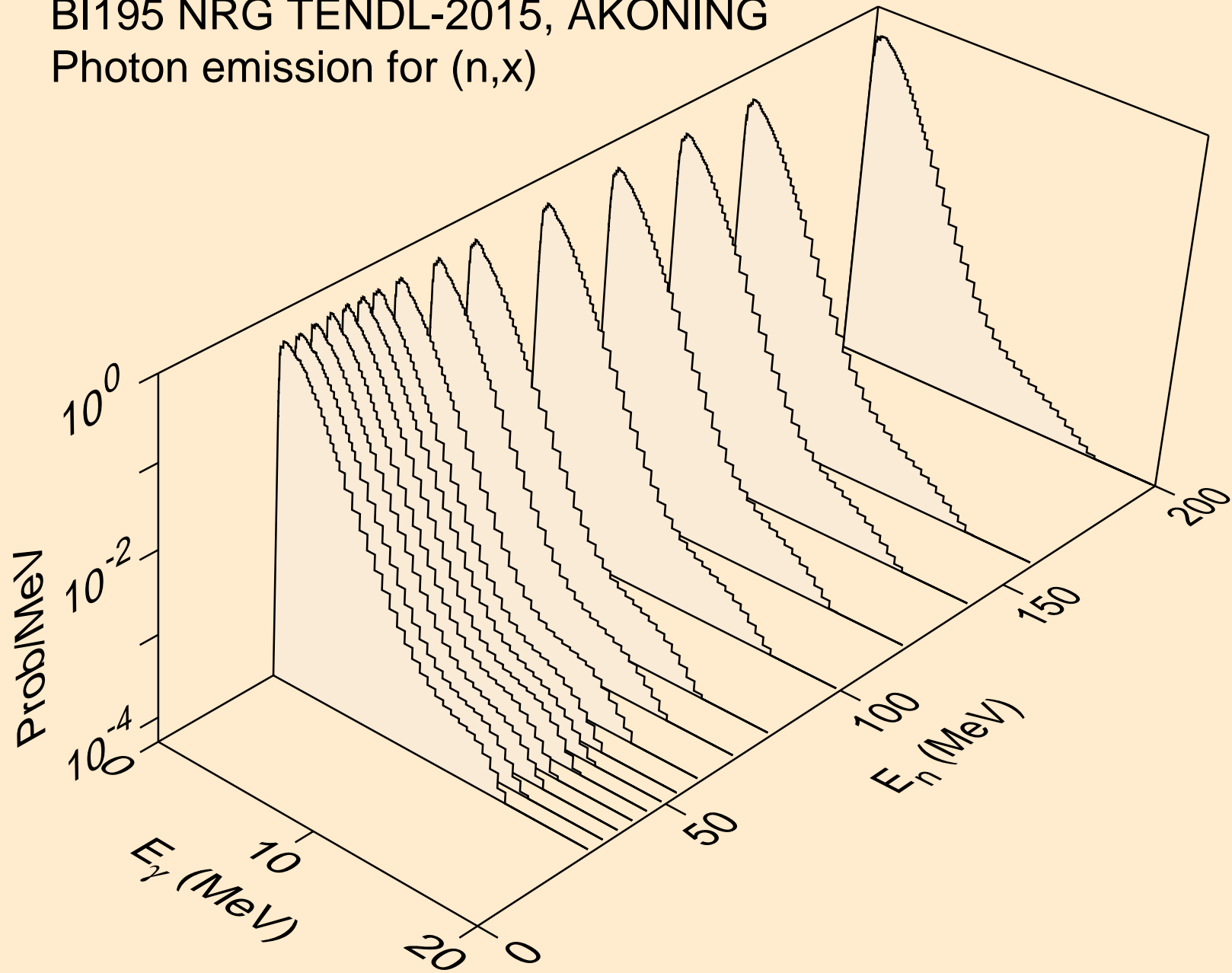




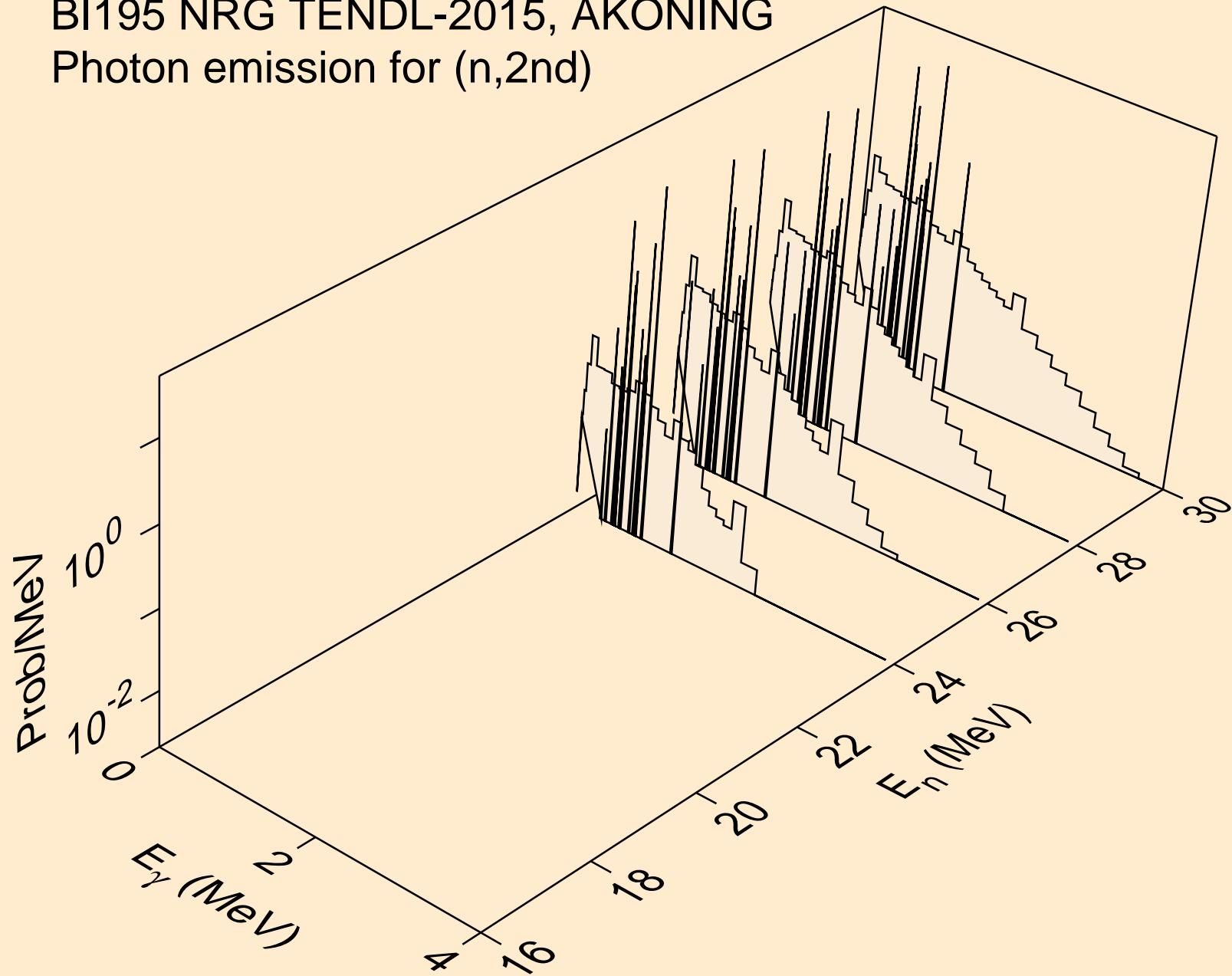
BI195 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



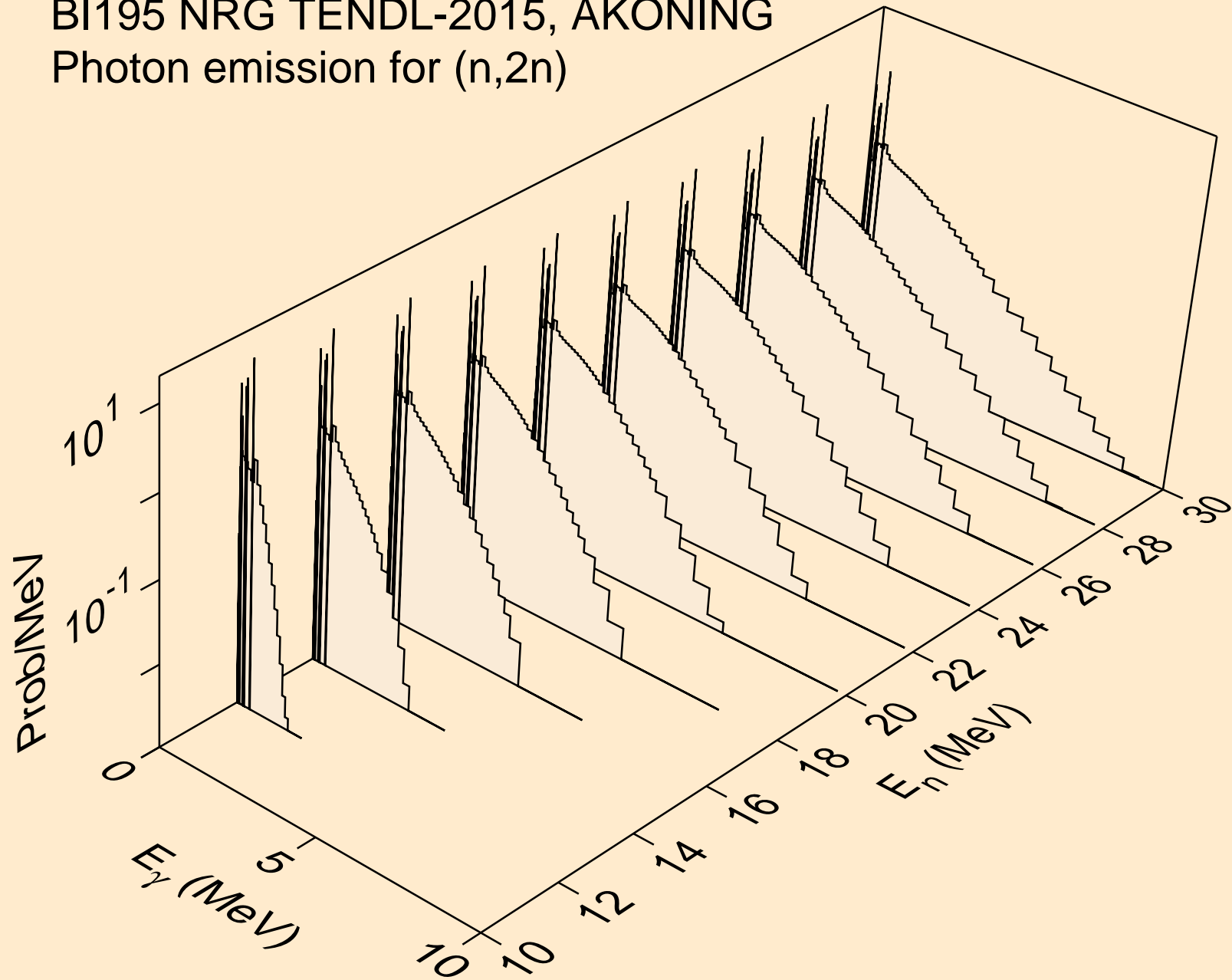
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



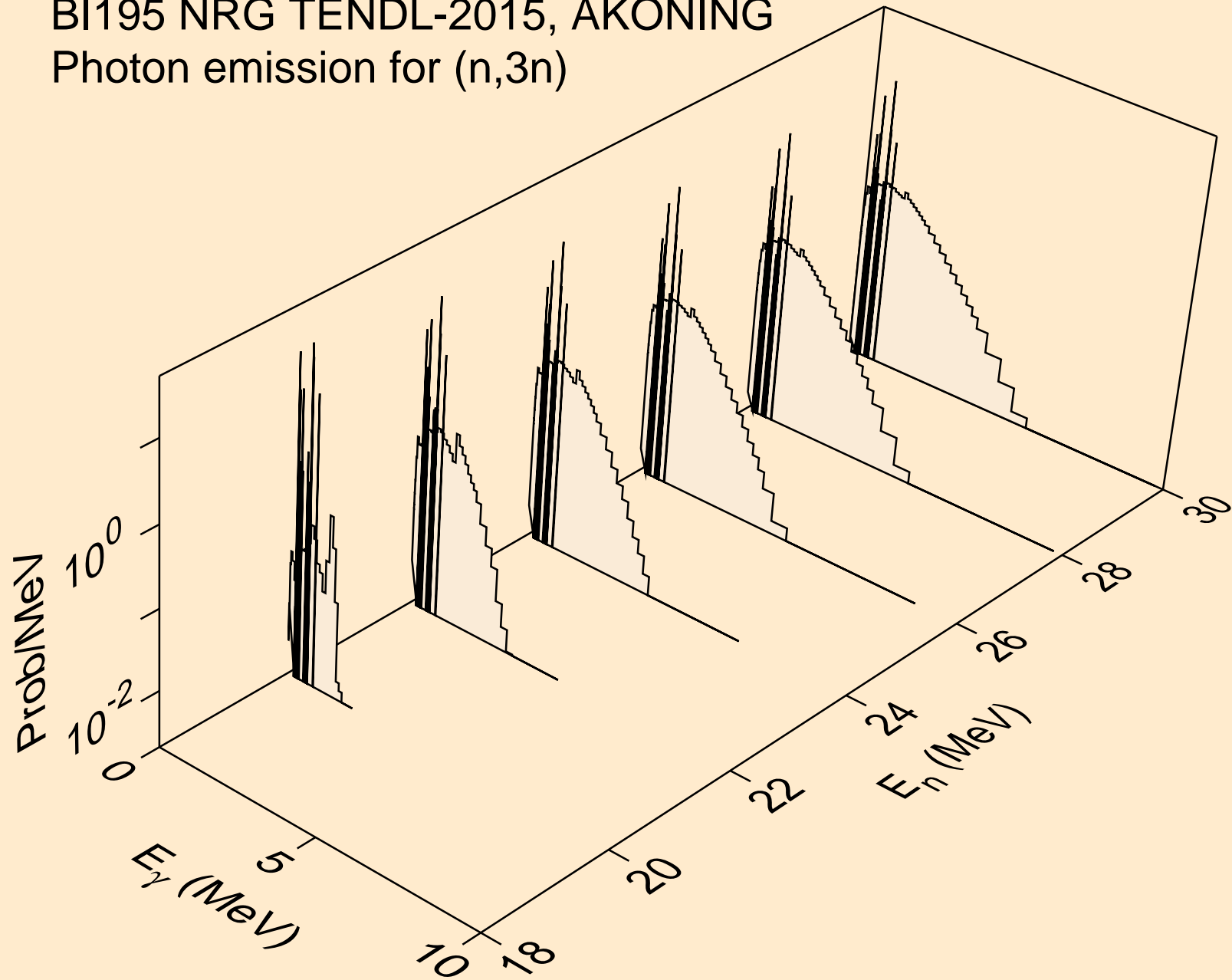
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



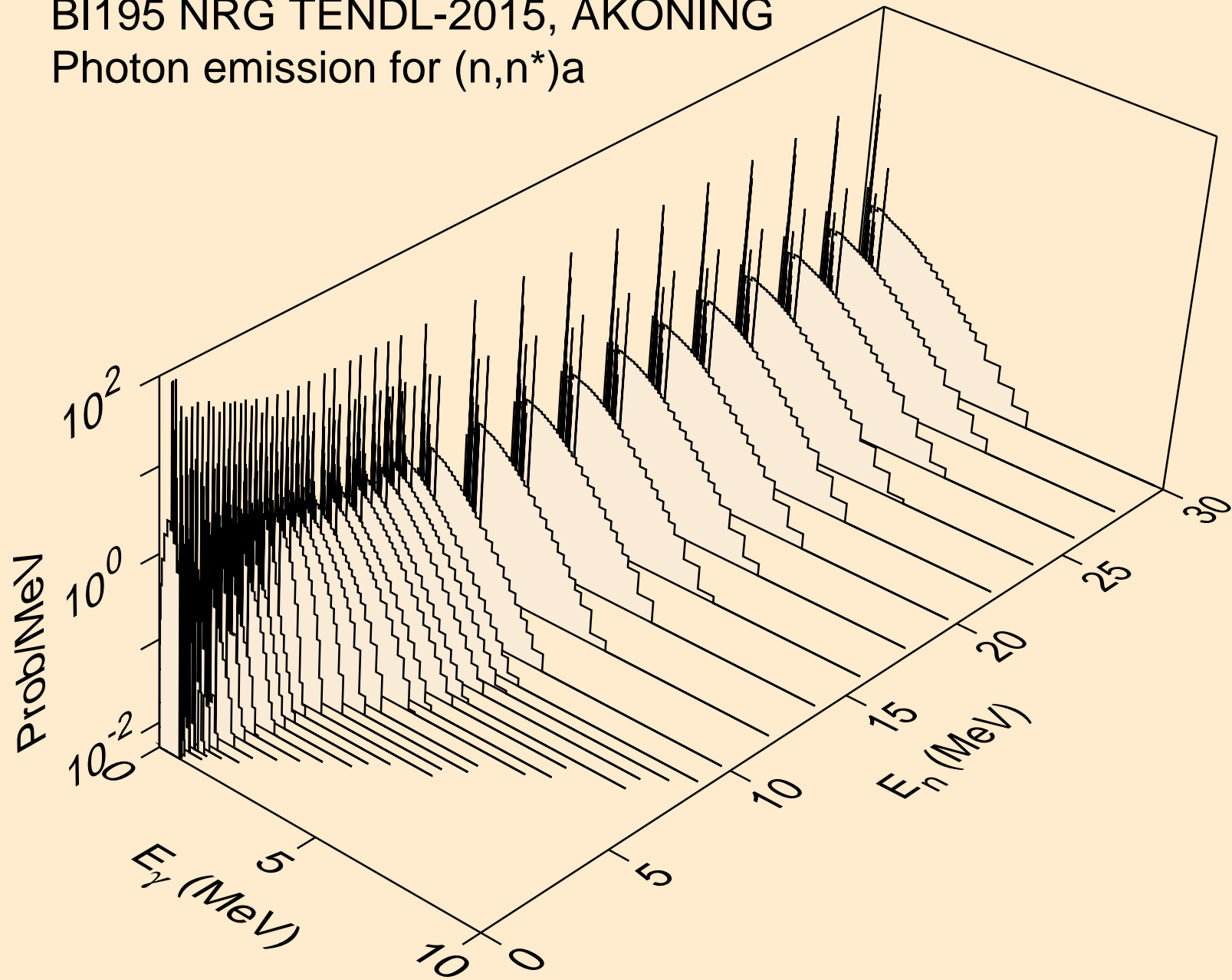
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



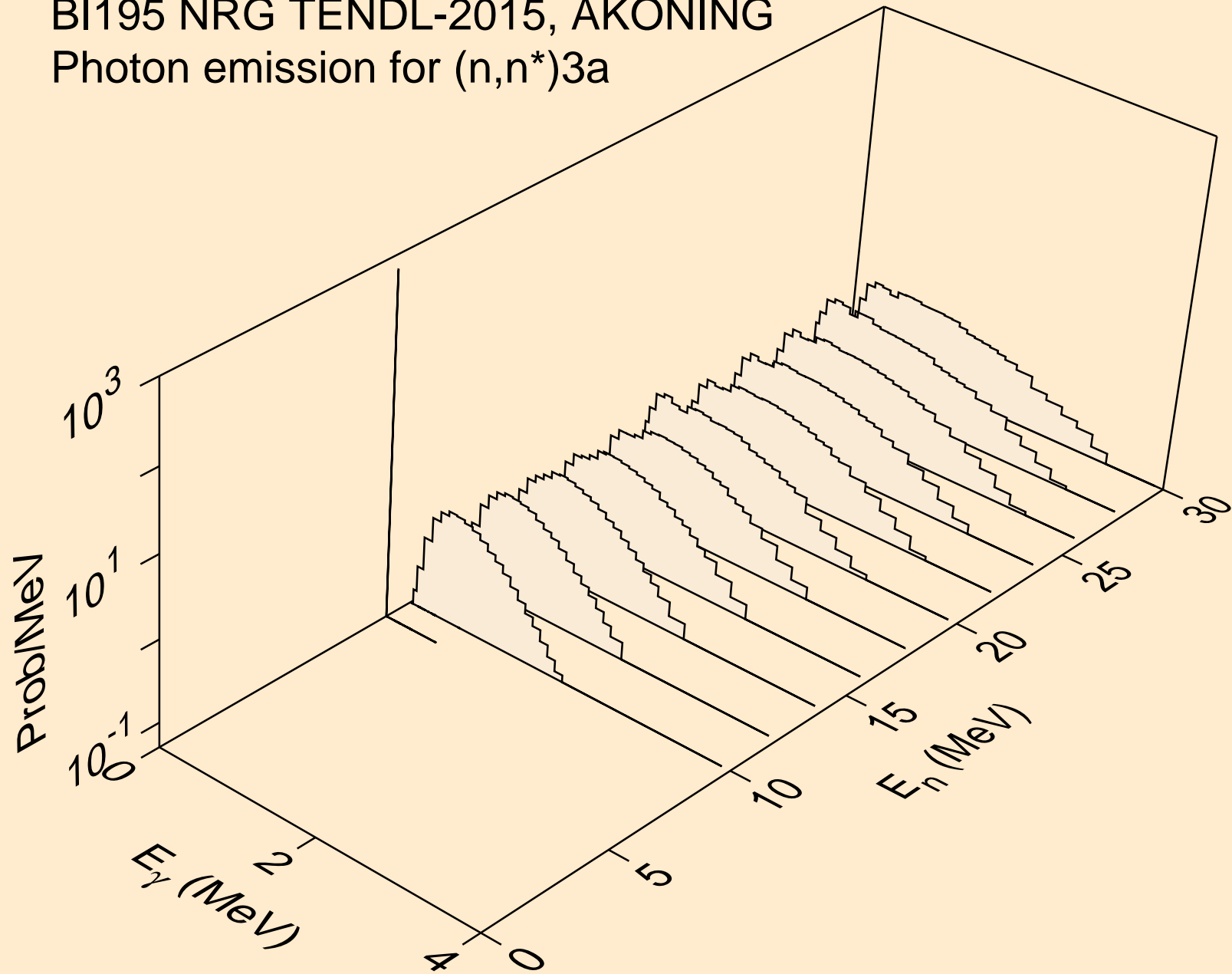
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



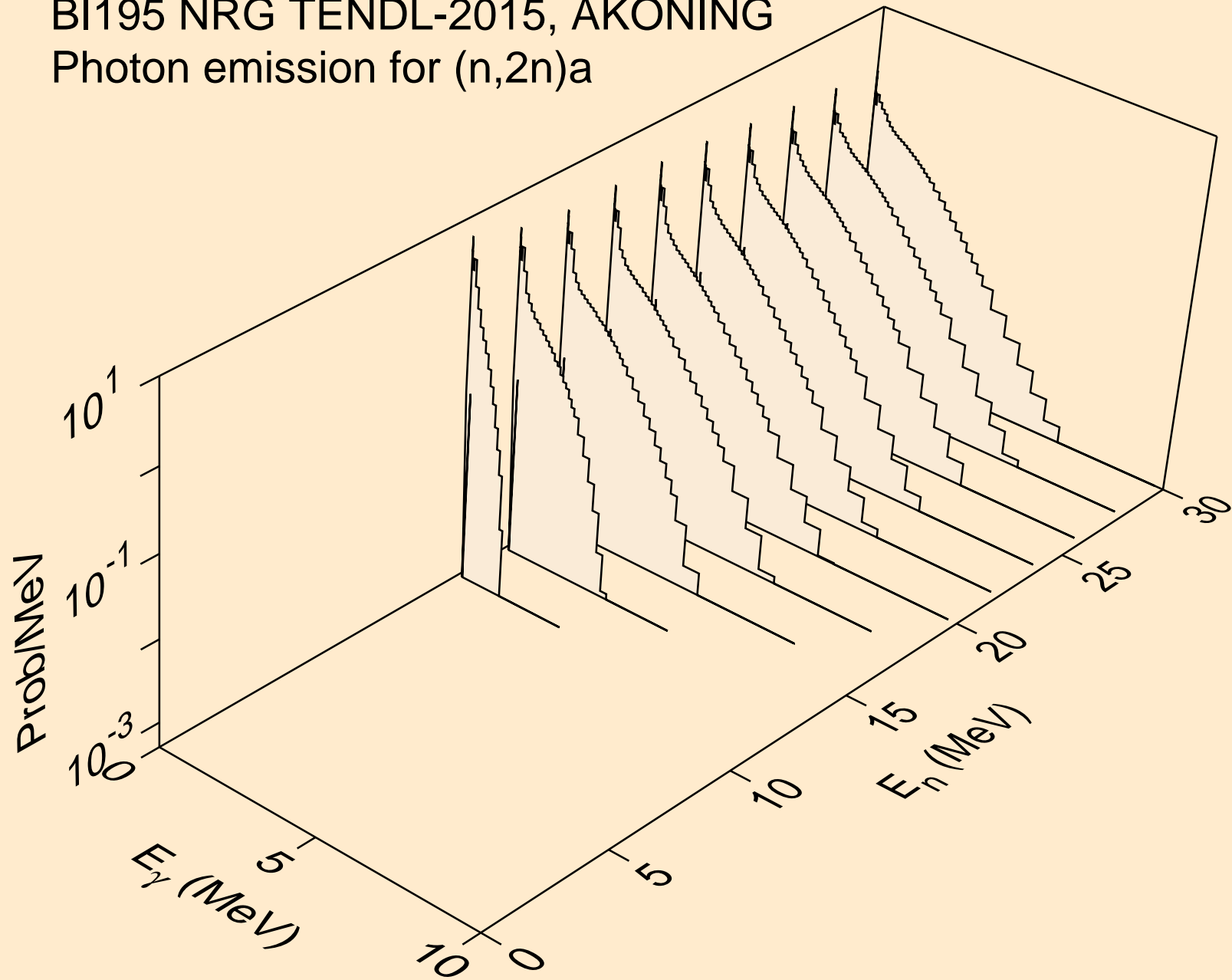
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

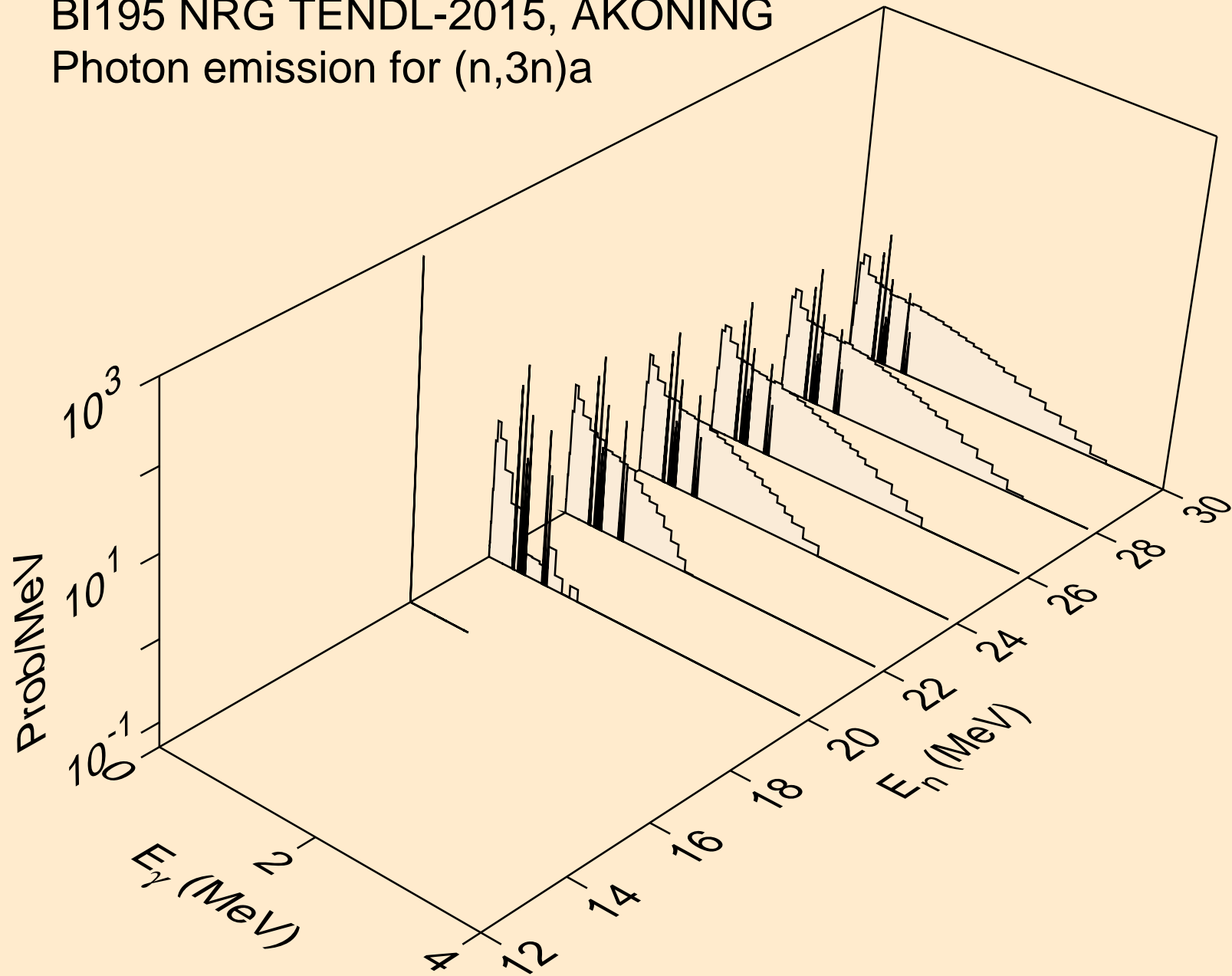


BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

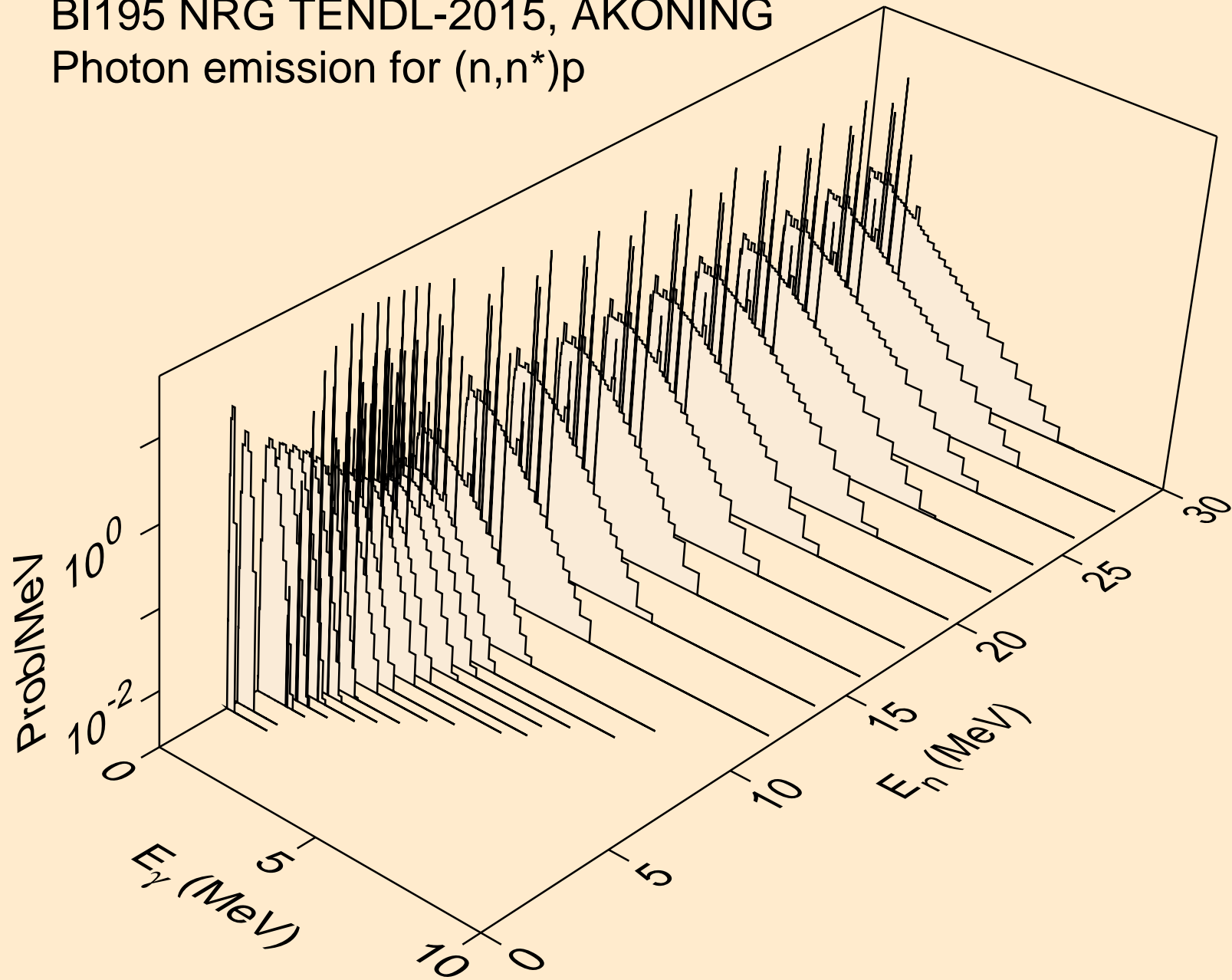




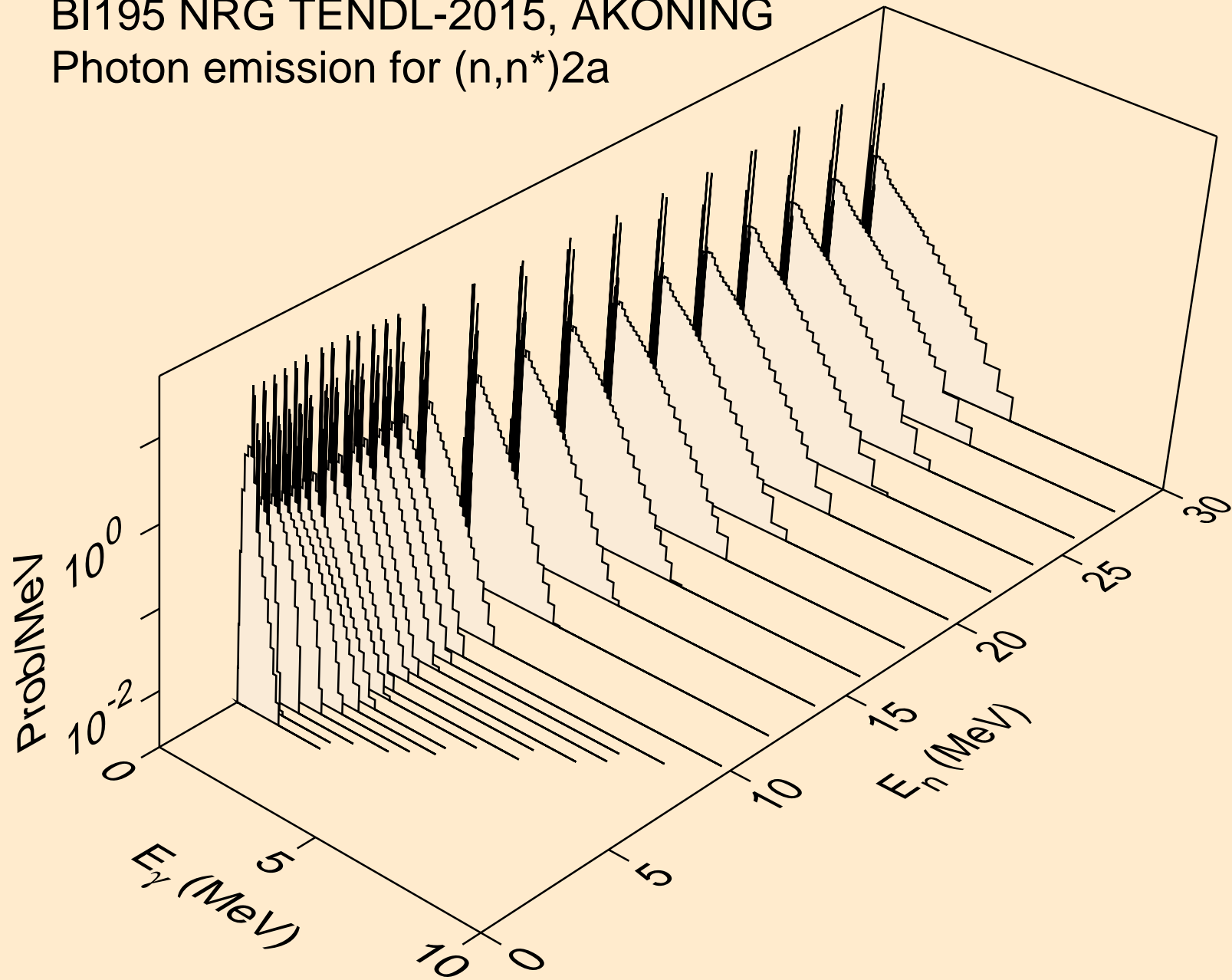
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



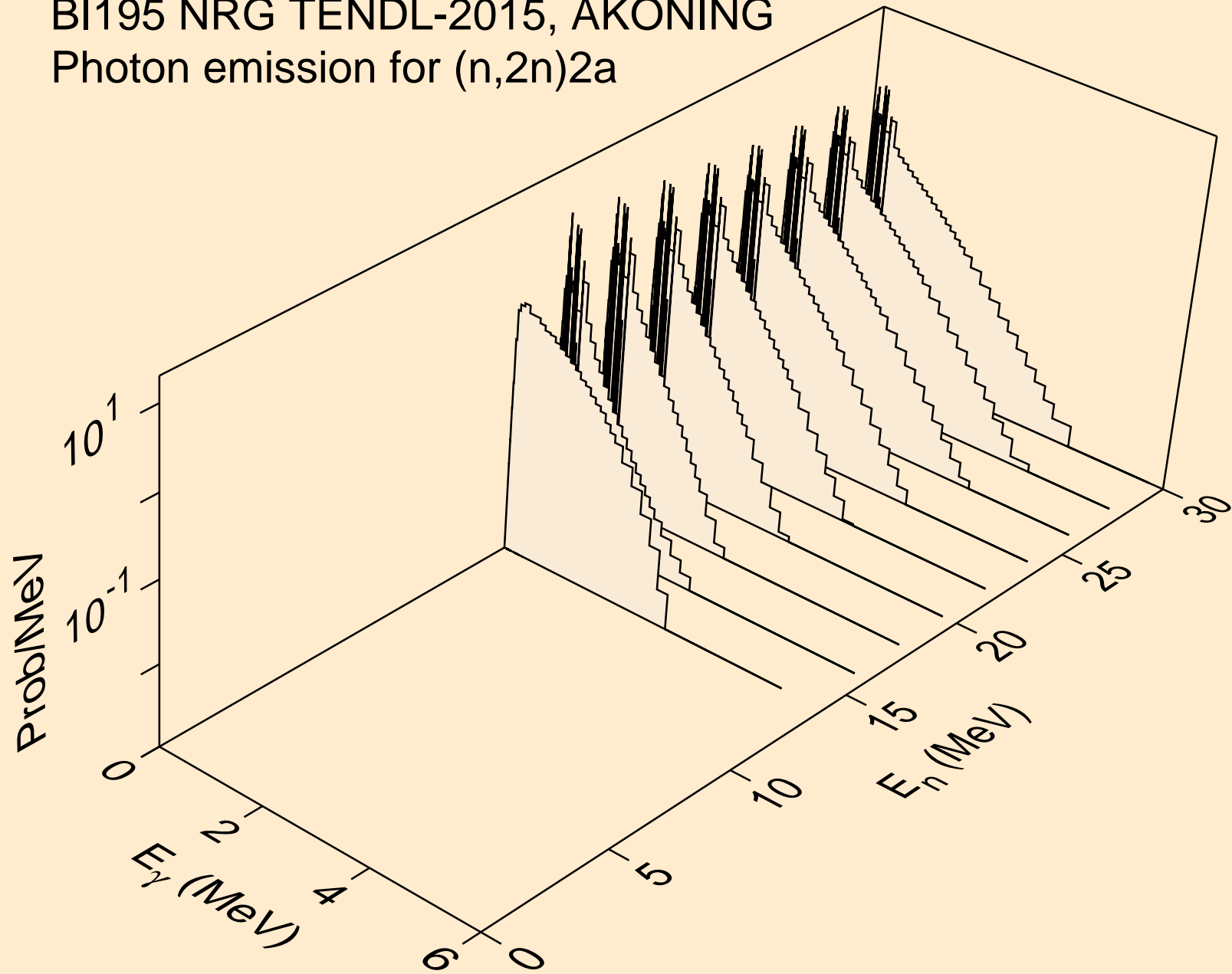
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



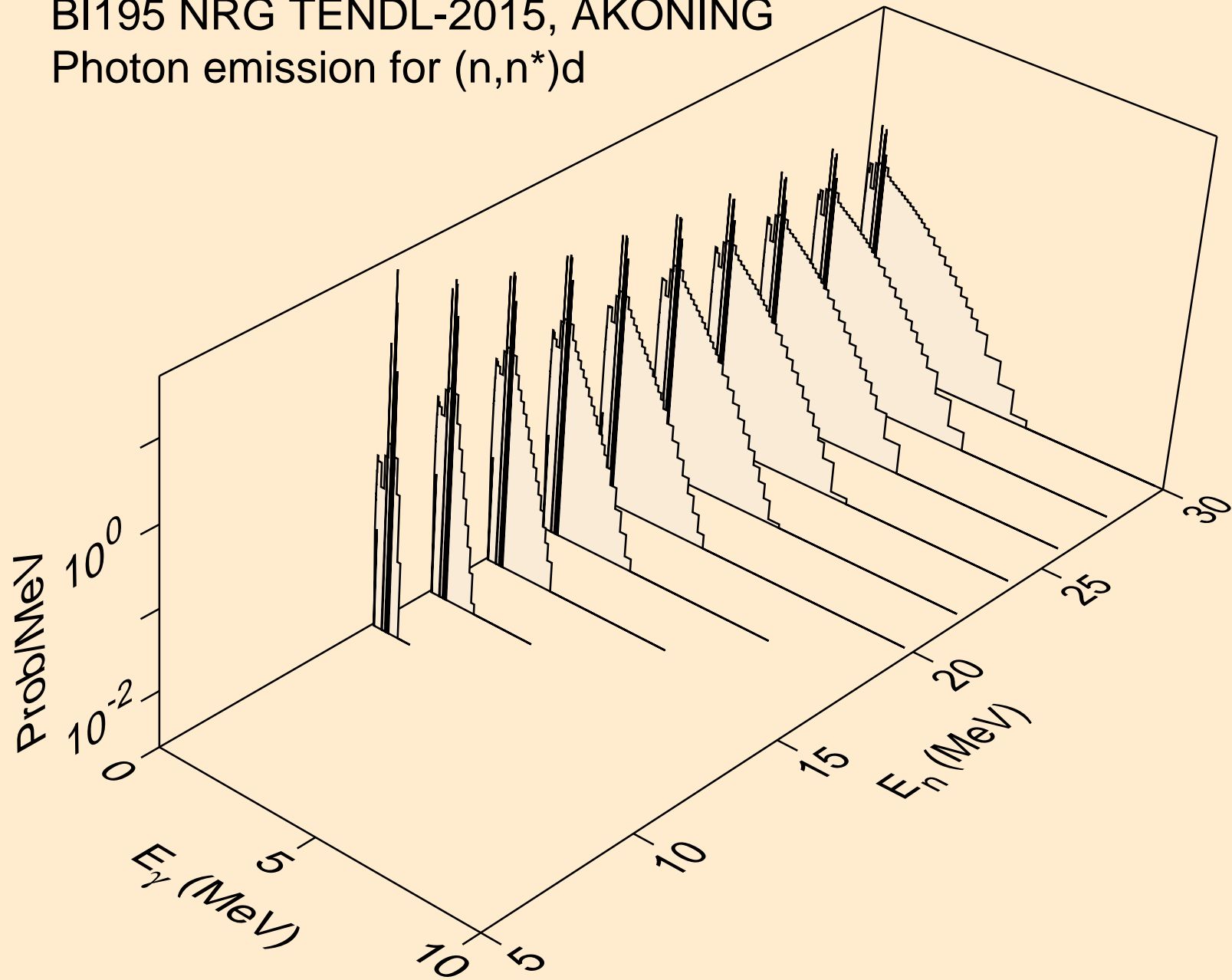
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



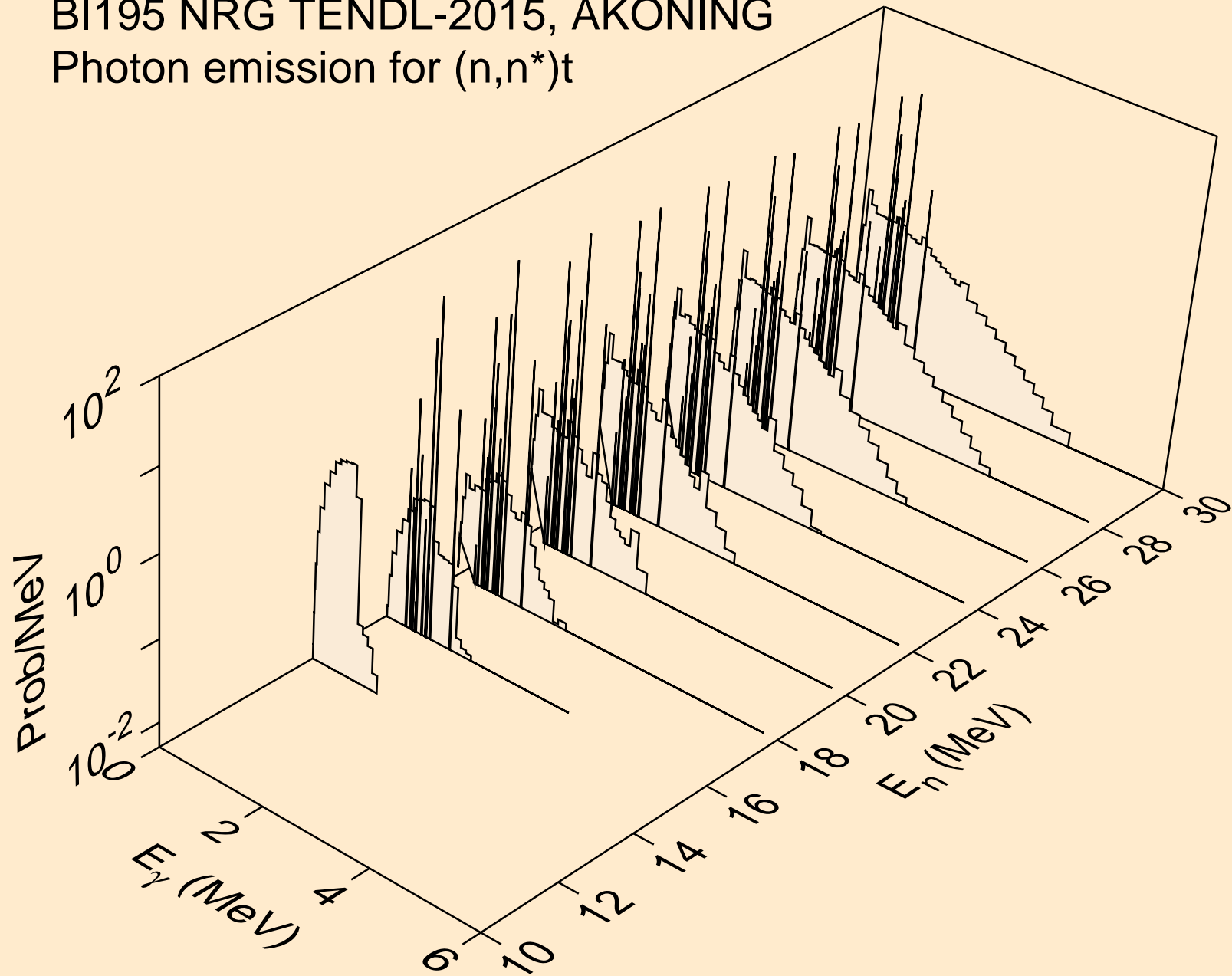
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



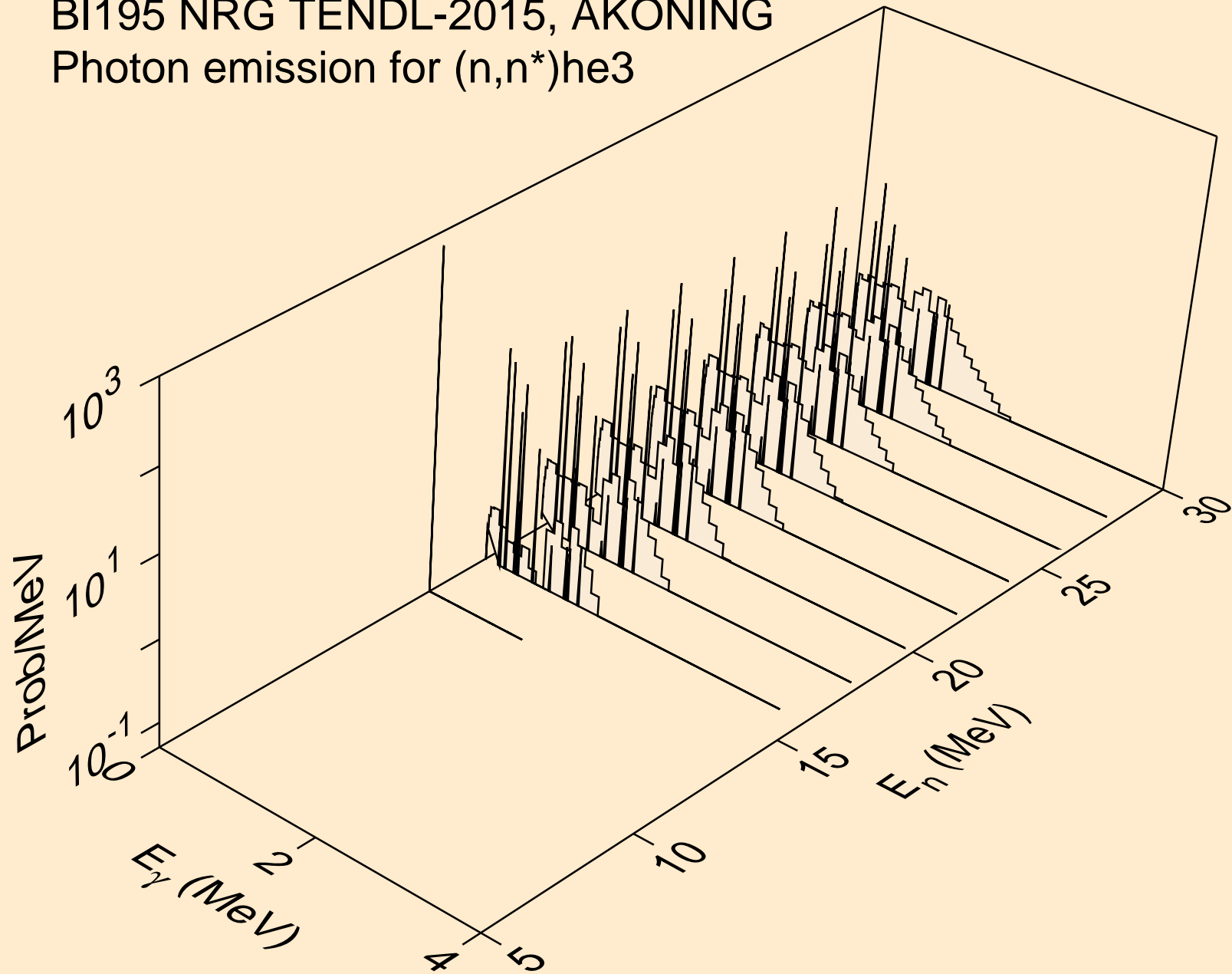
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



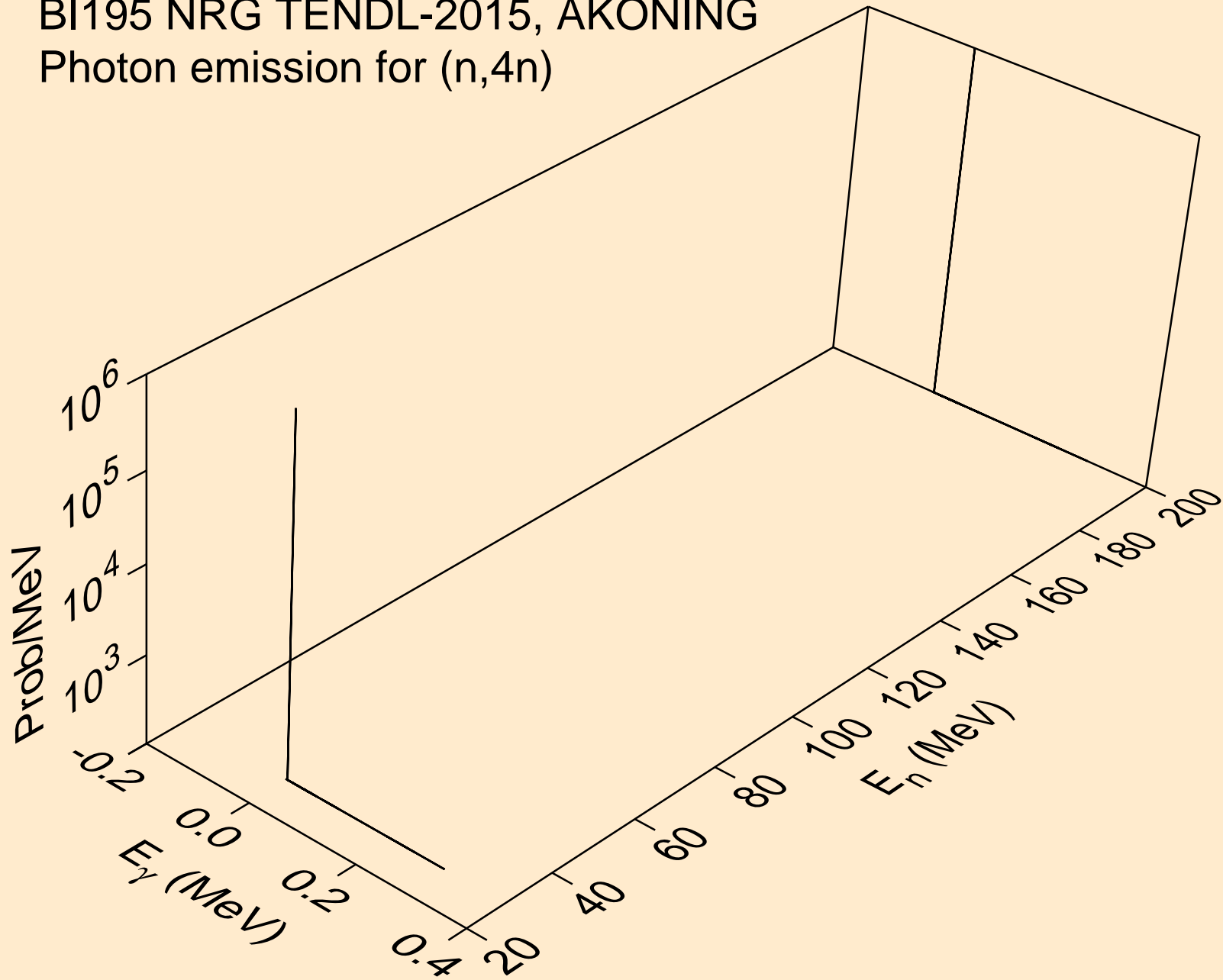
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

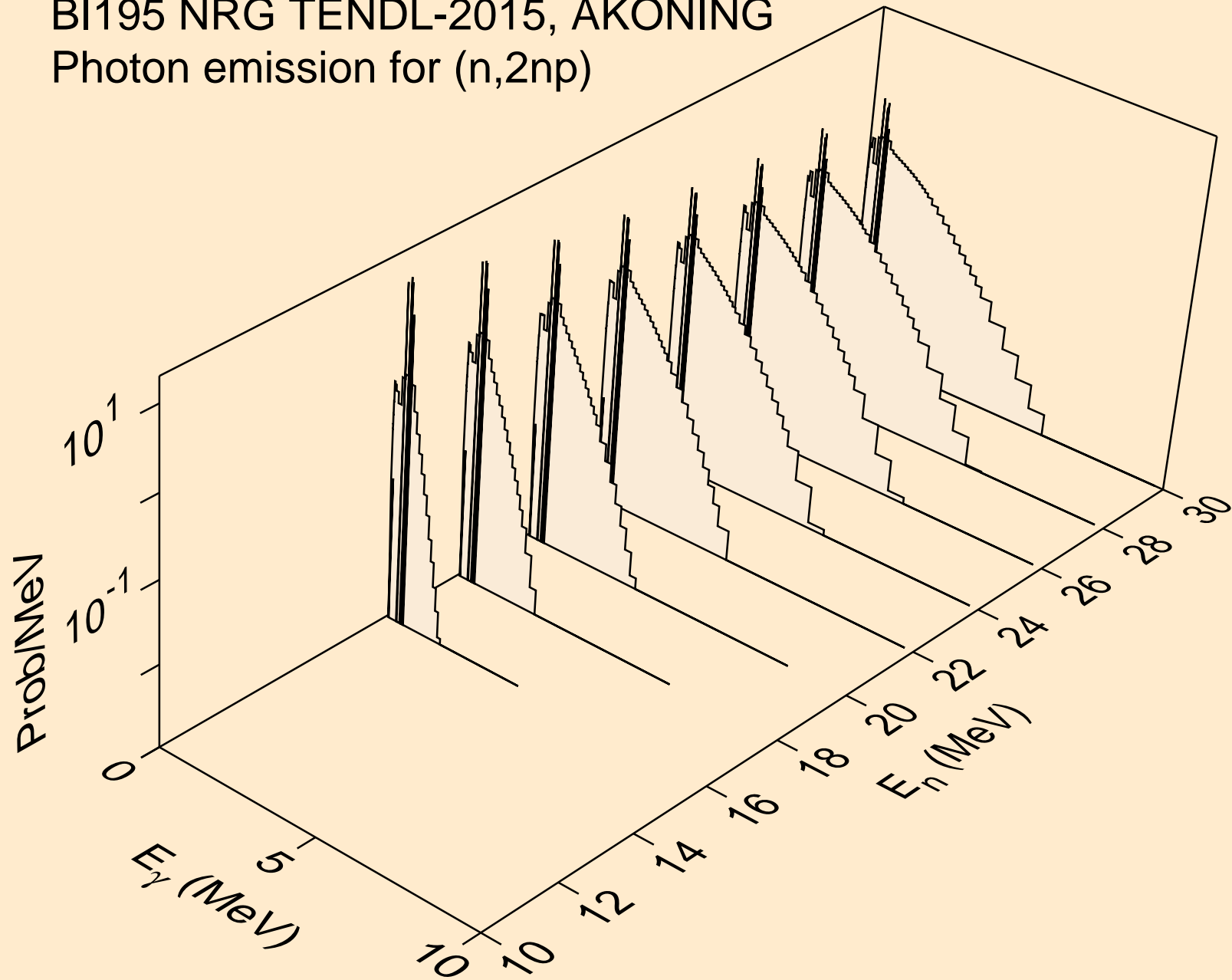


BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

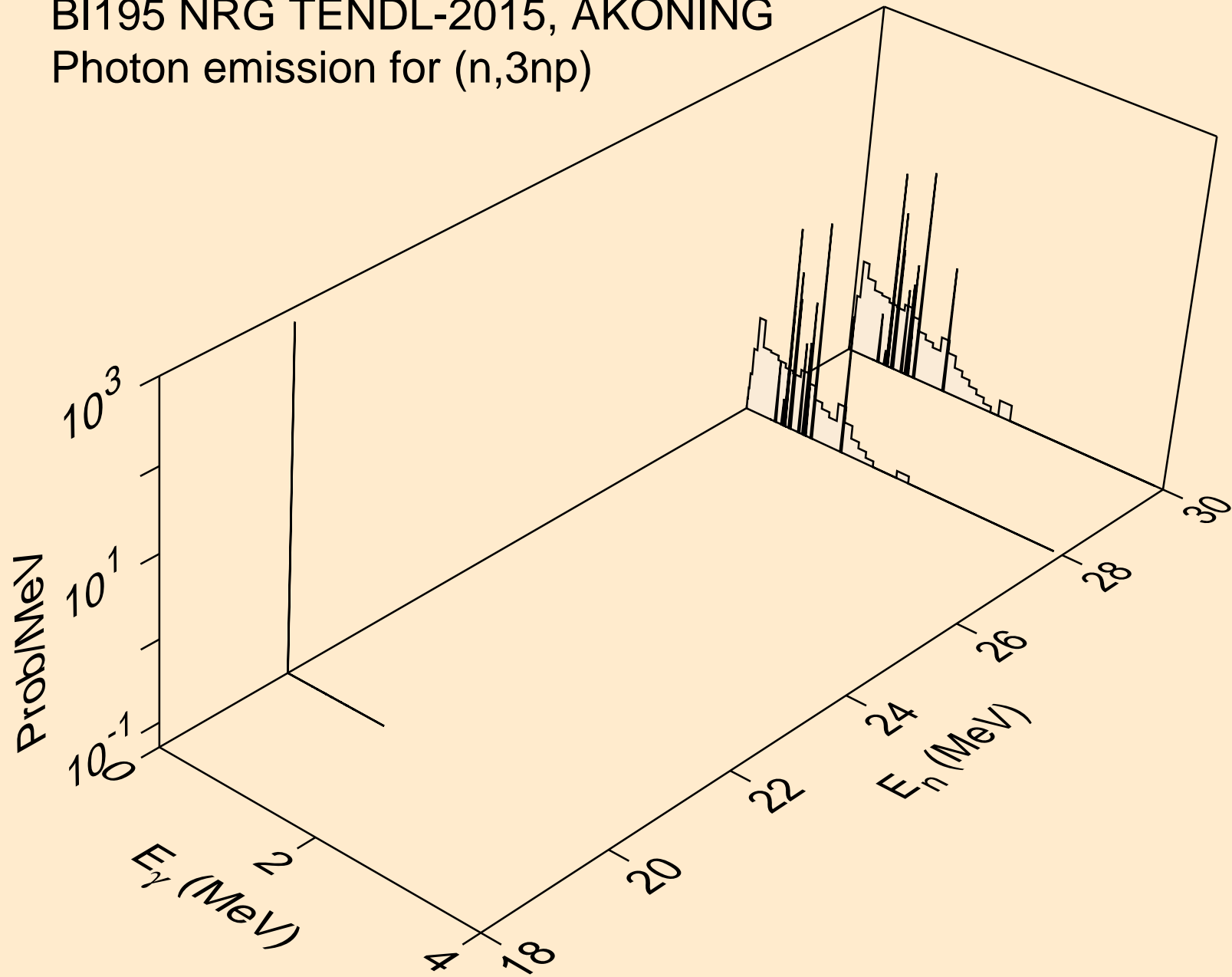




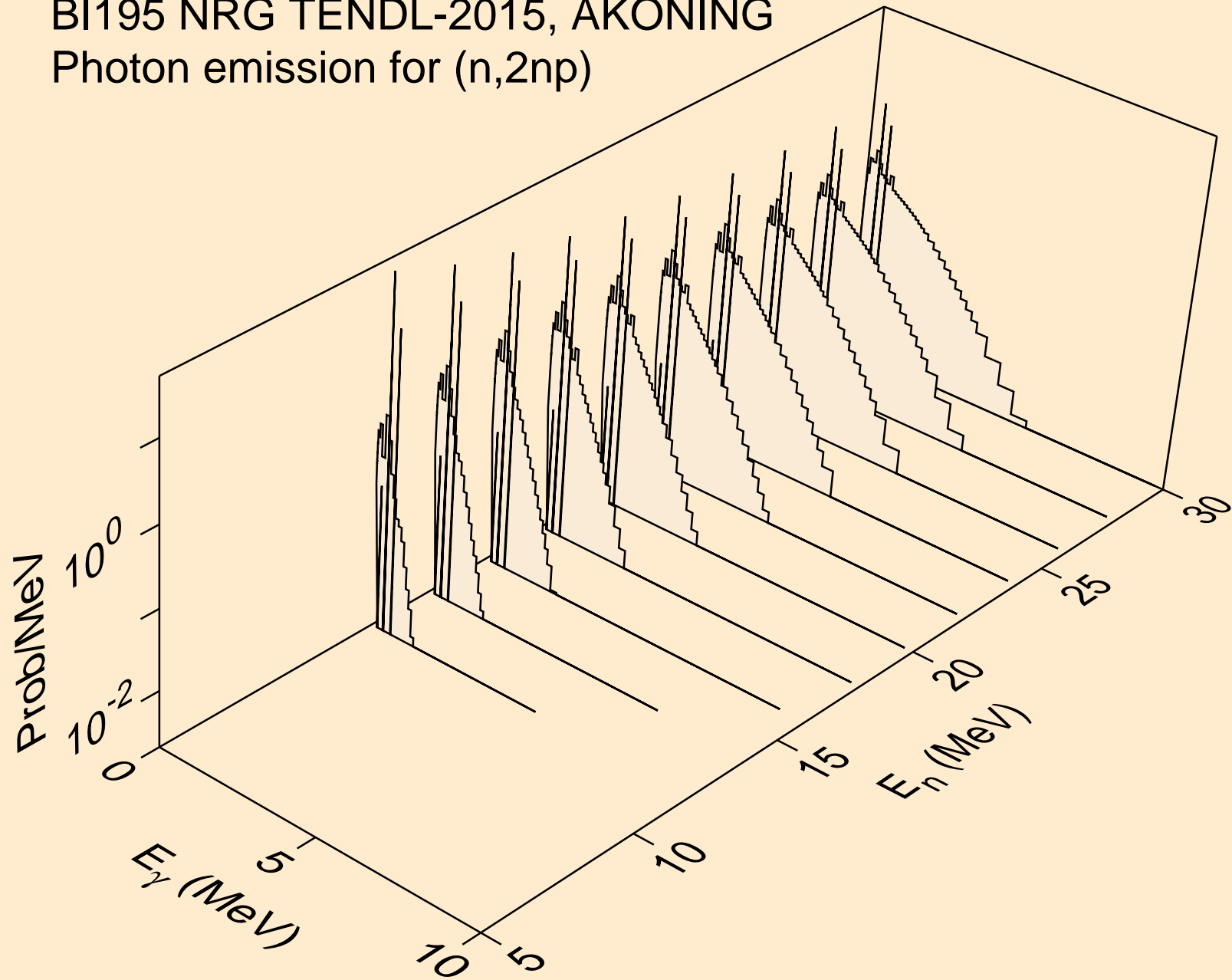
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



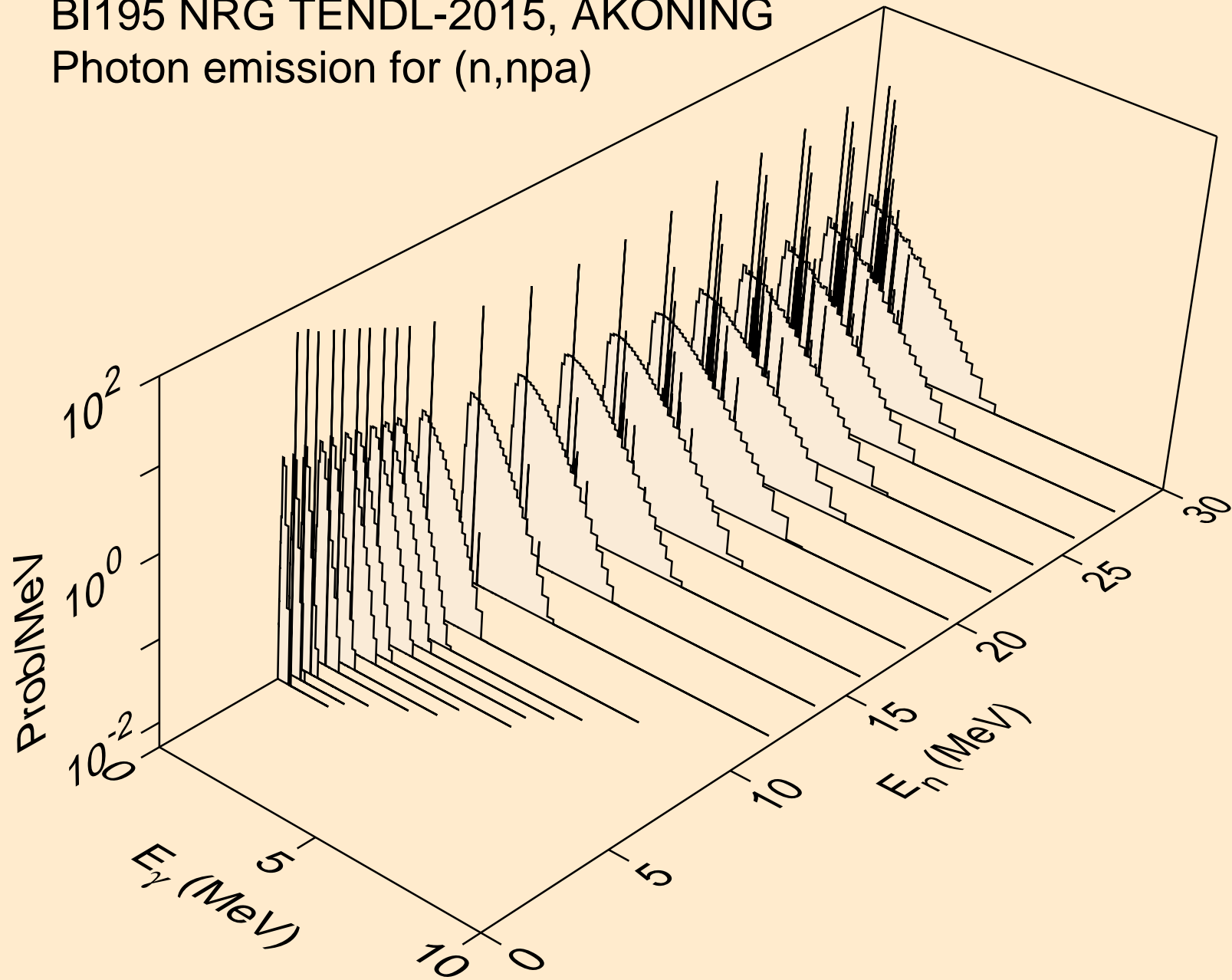
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



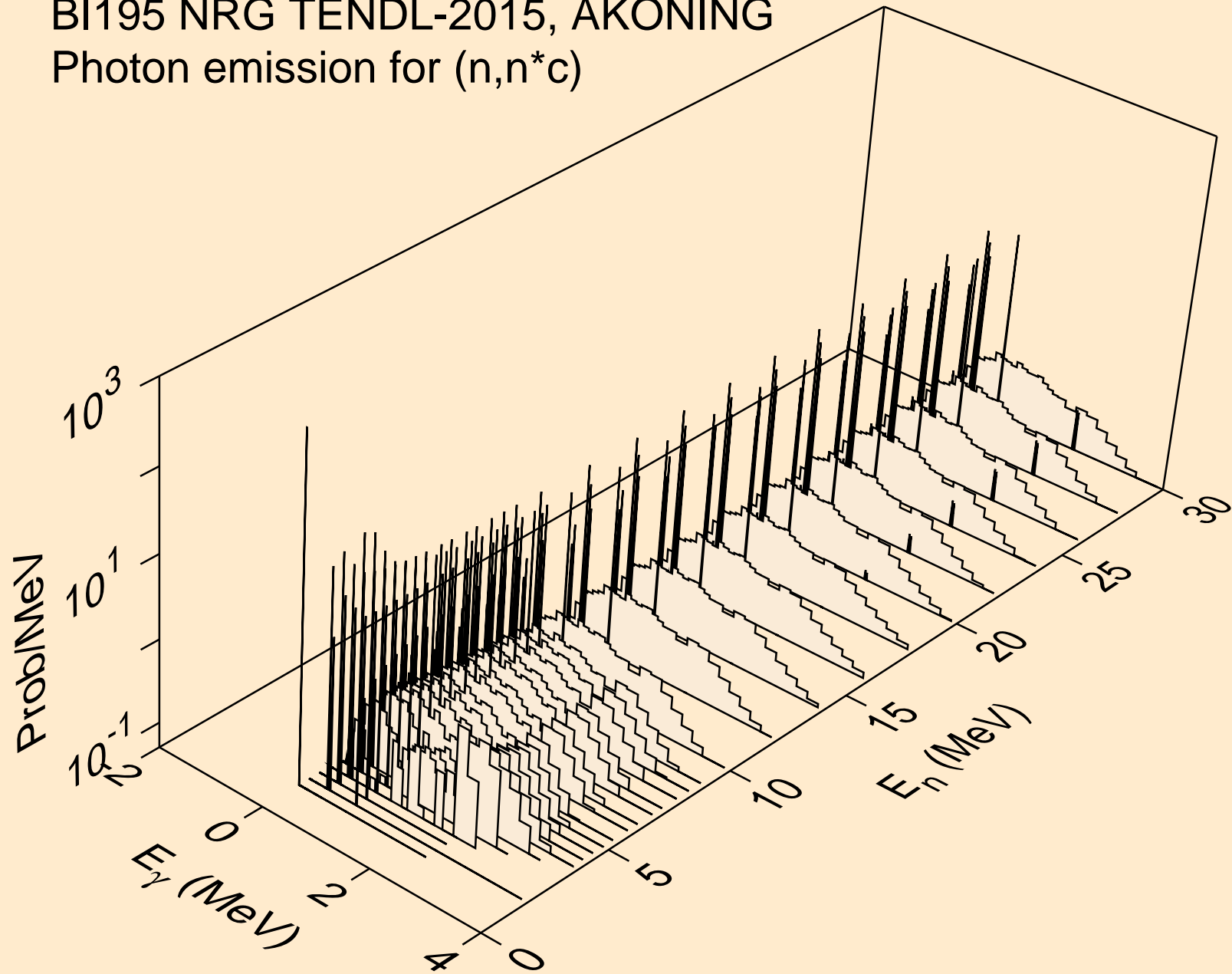
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



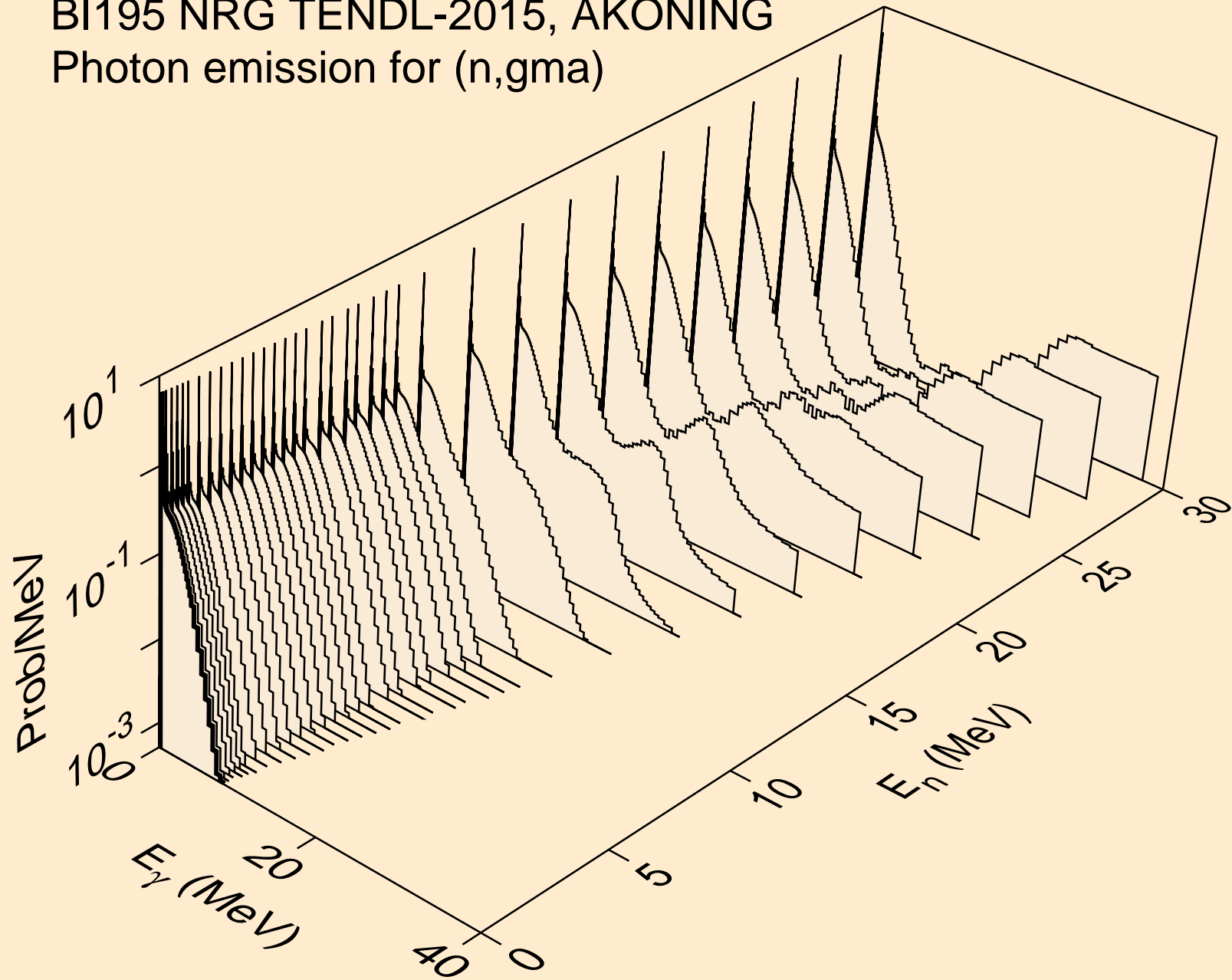
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



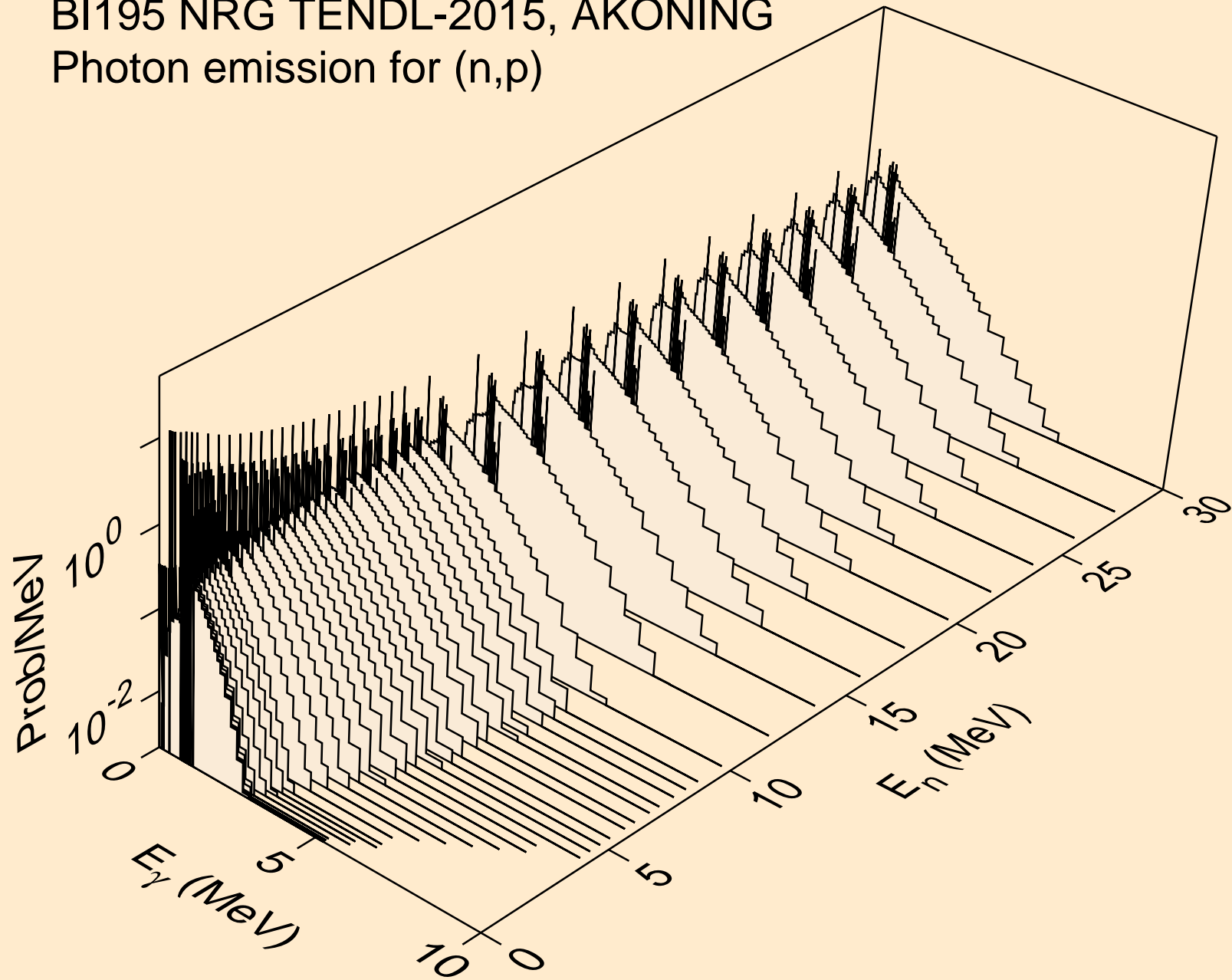
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



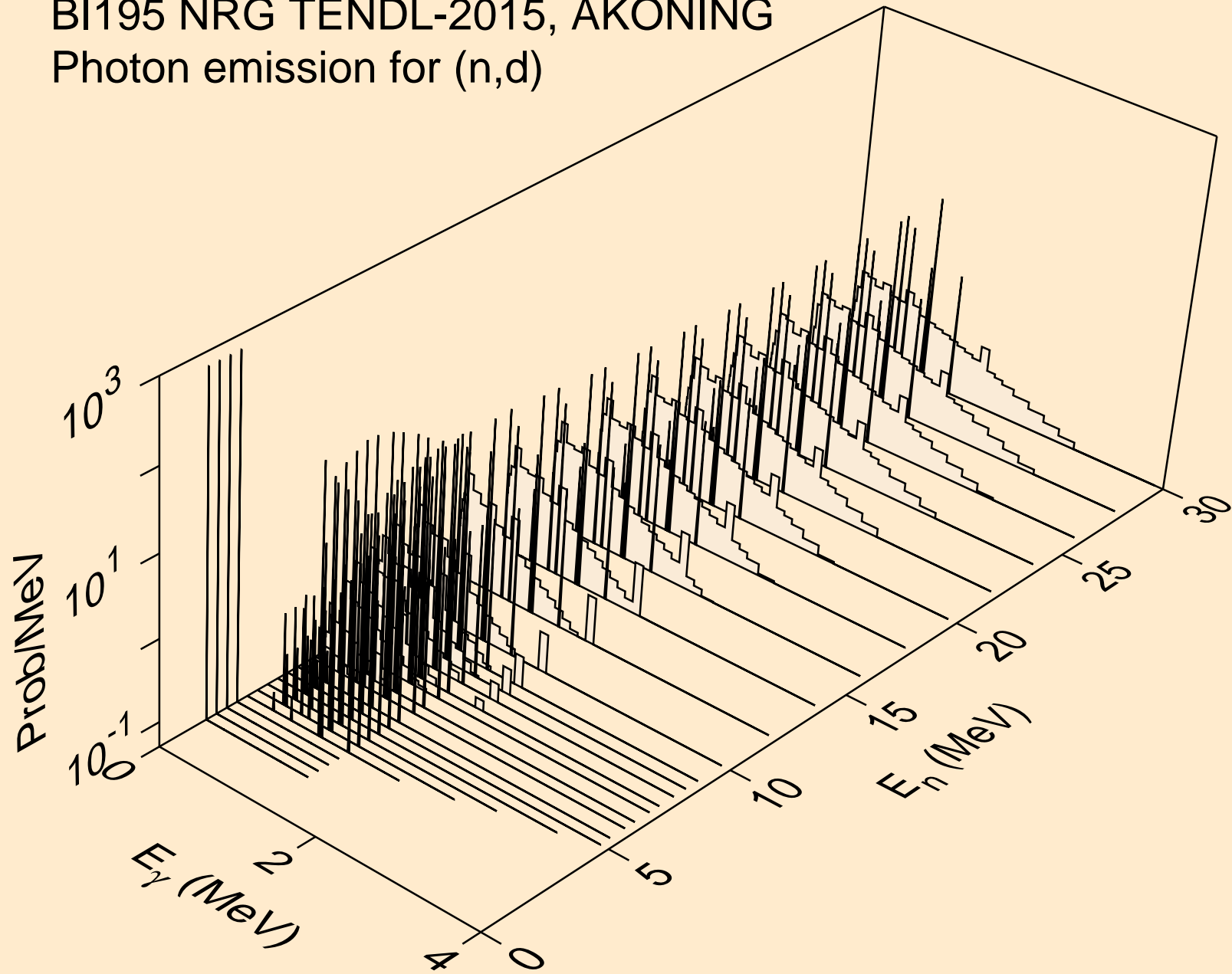
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

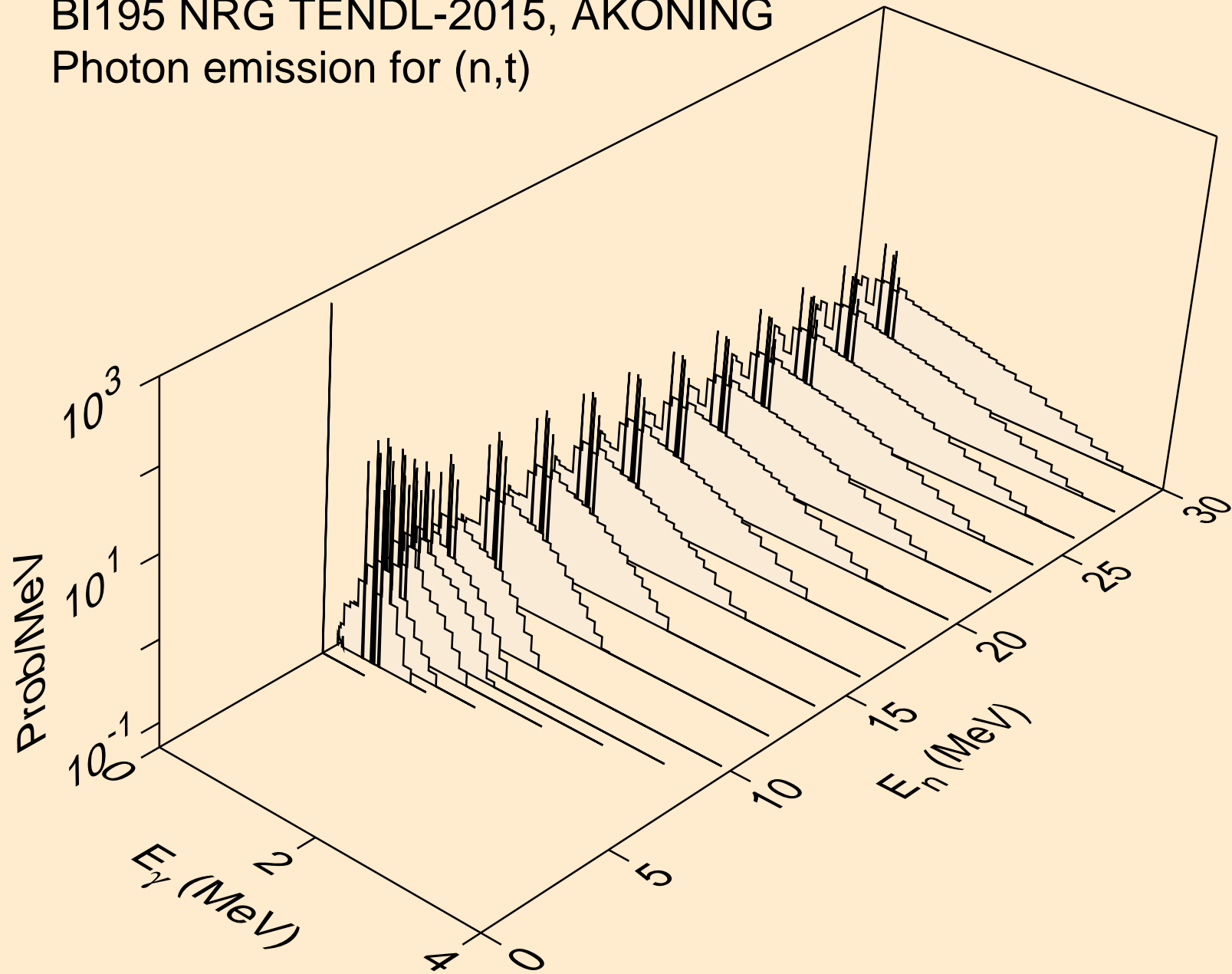


BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

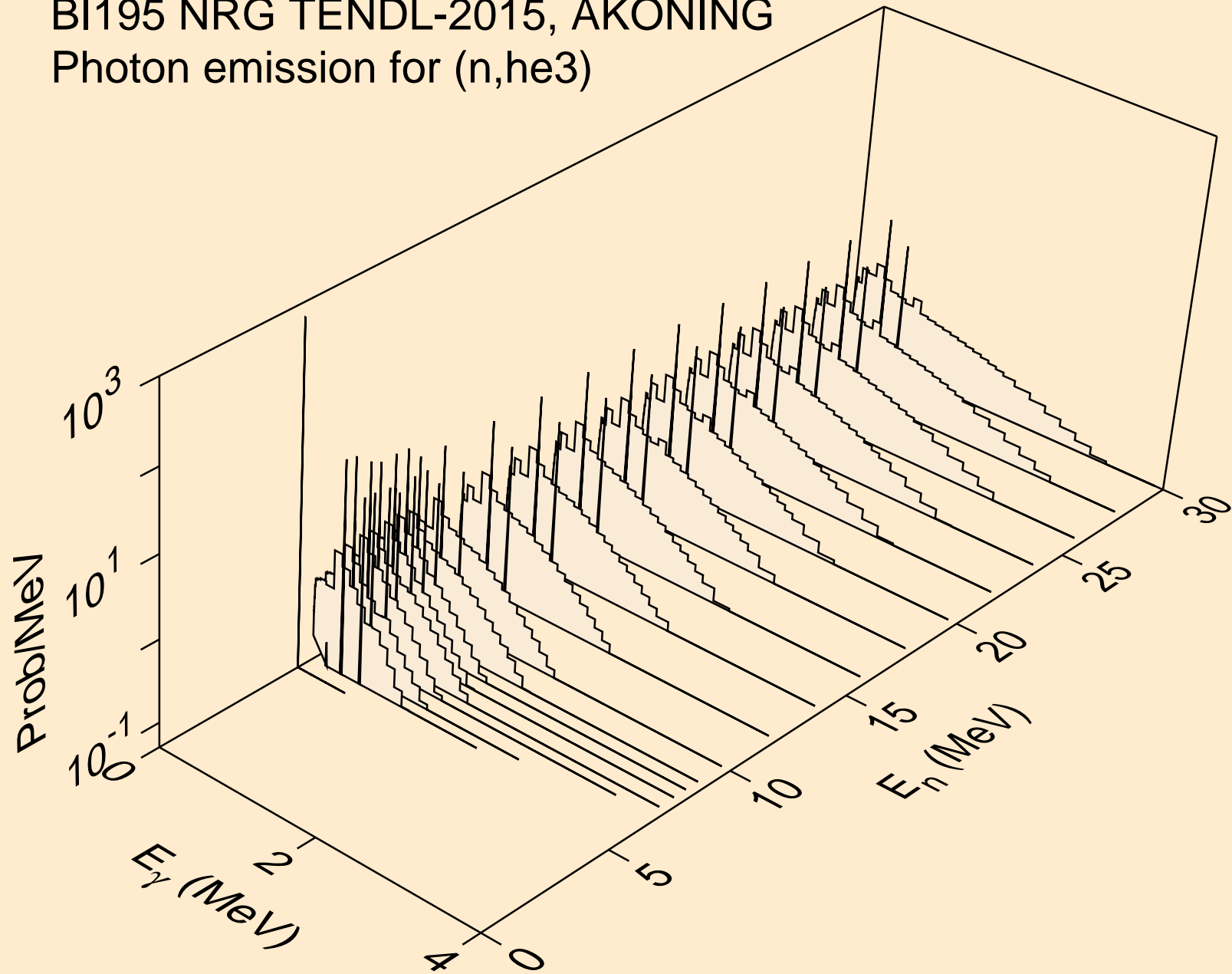




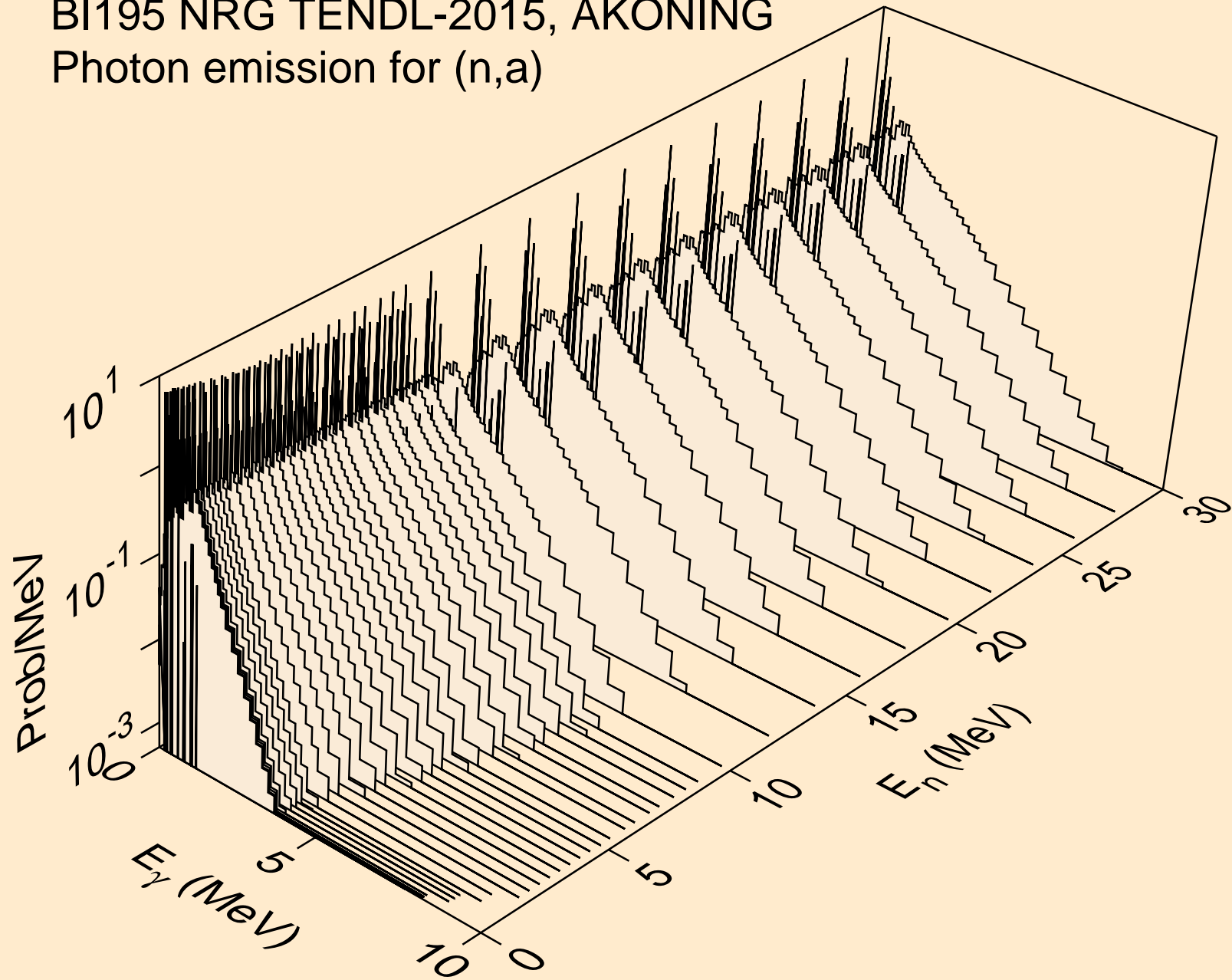
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



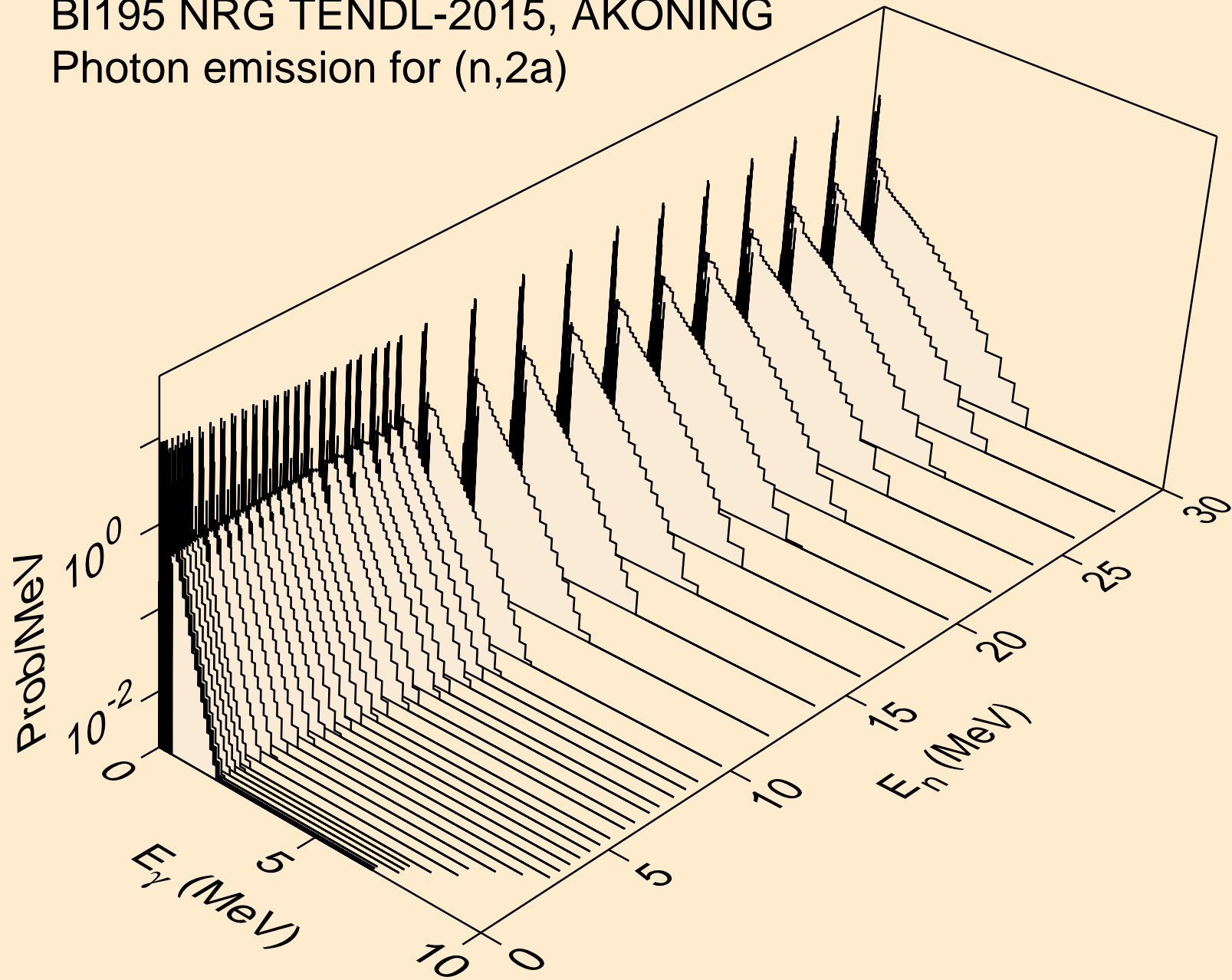
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



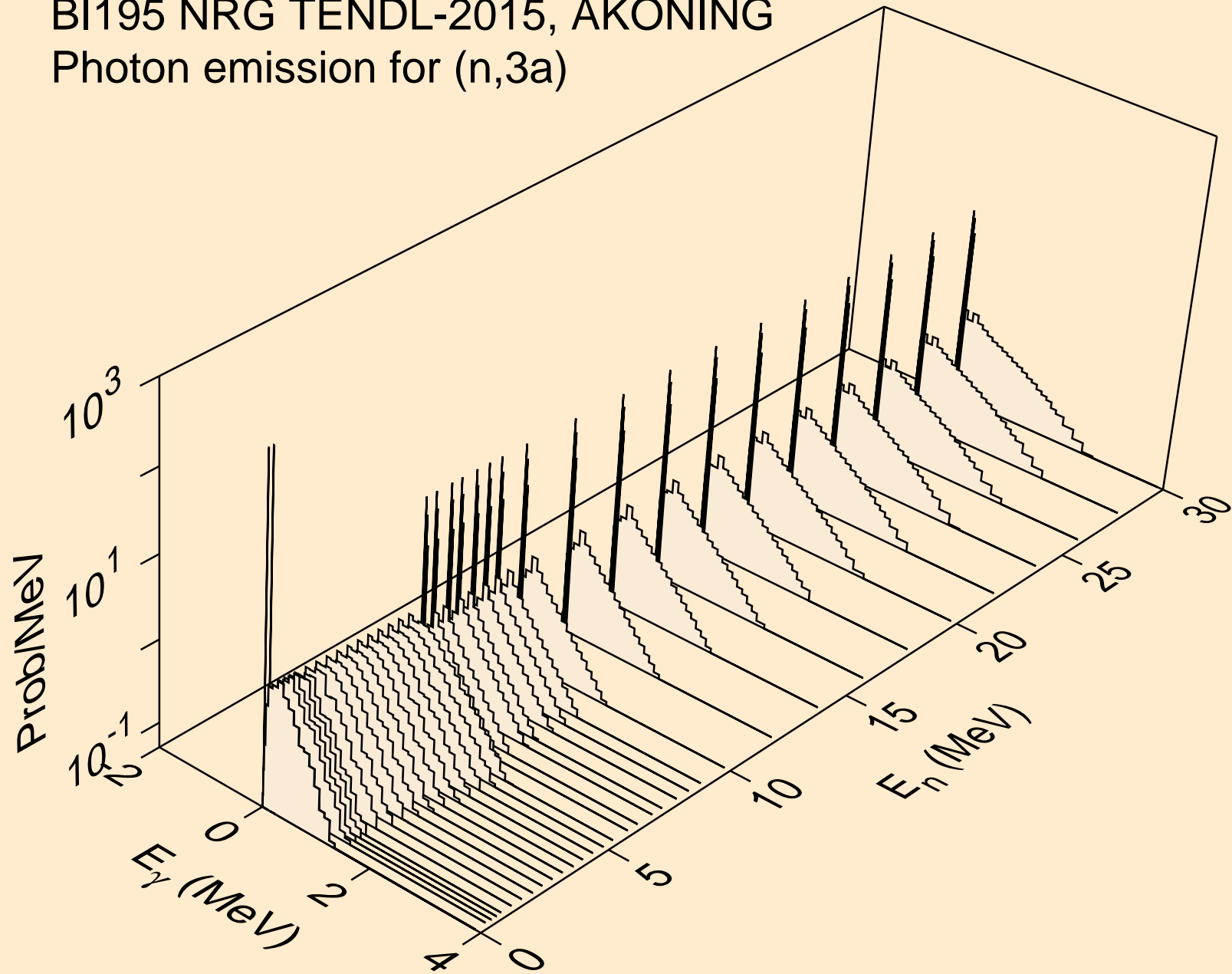
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



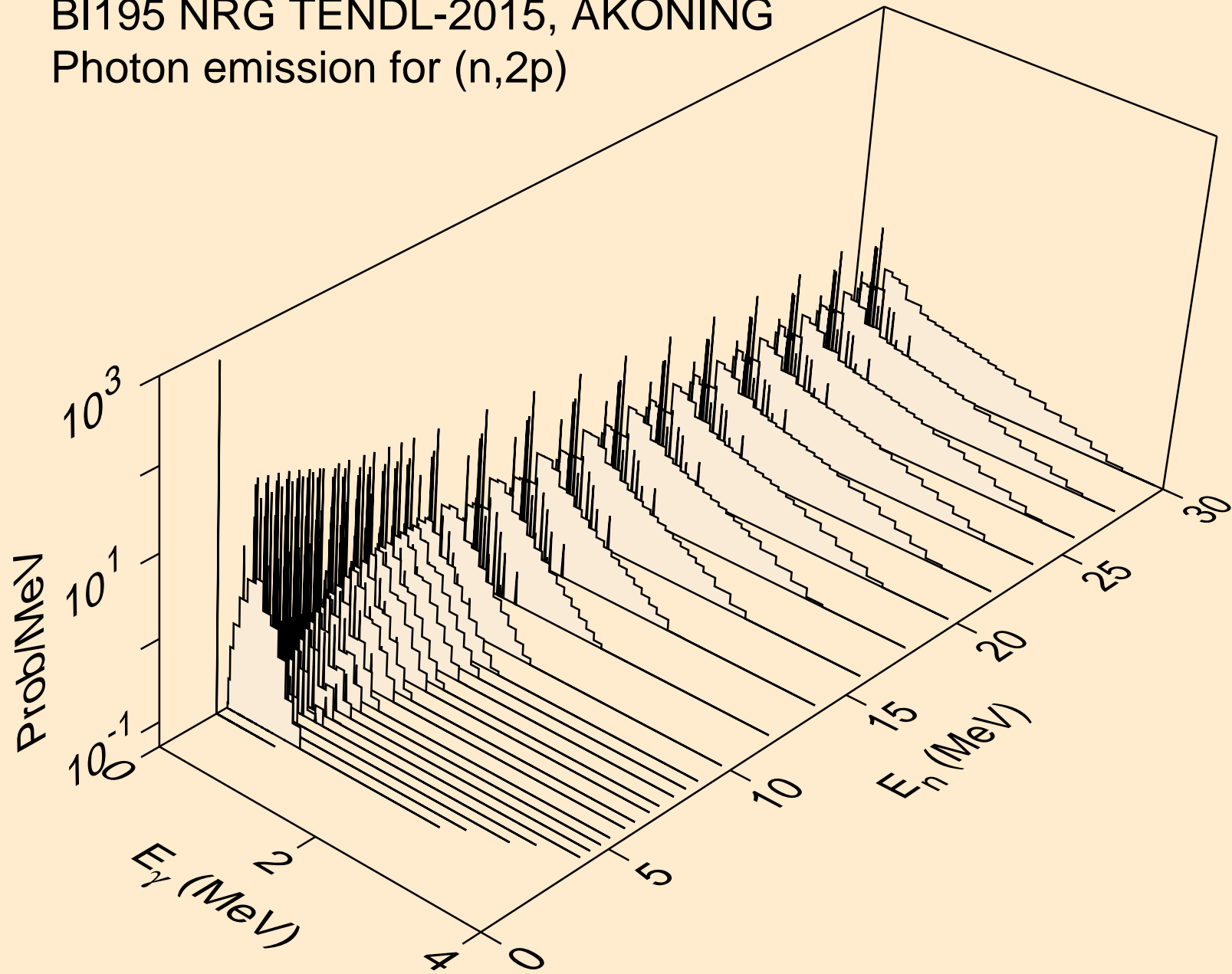
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



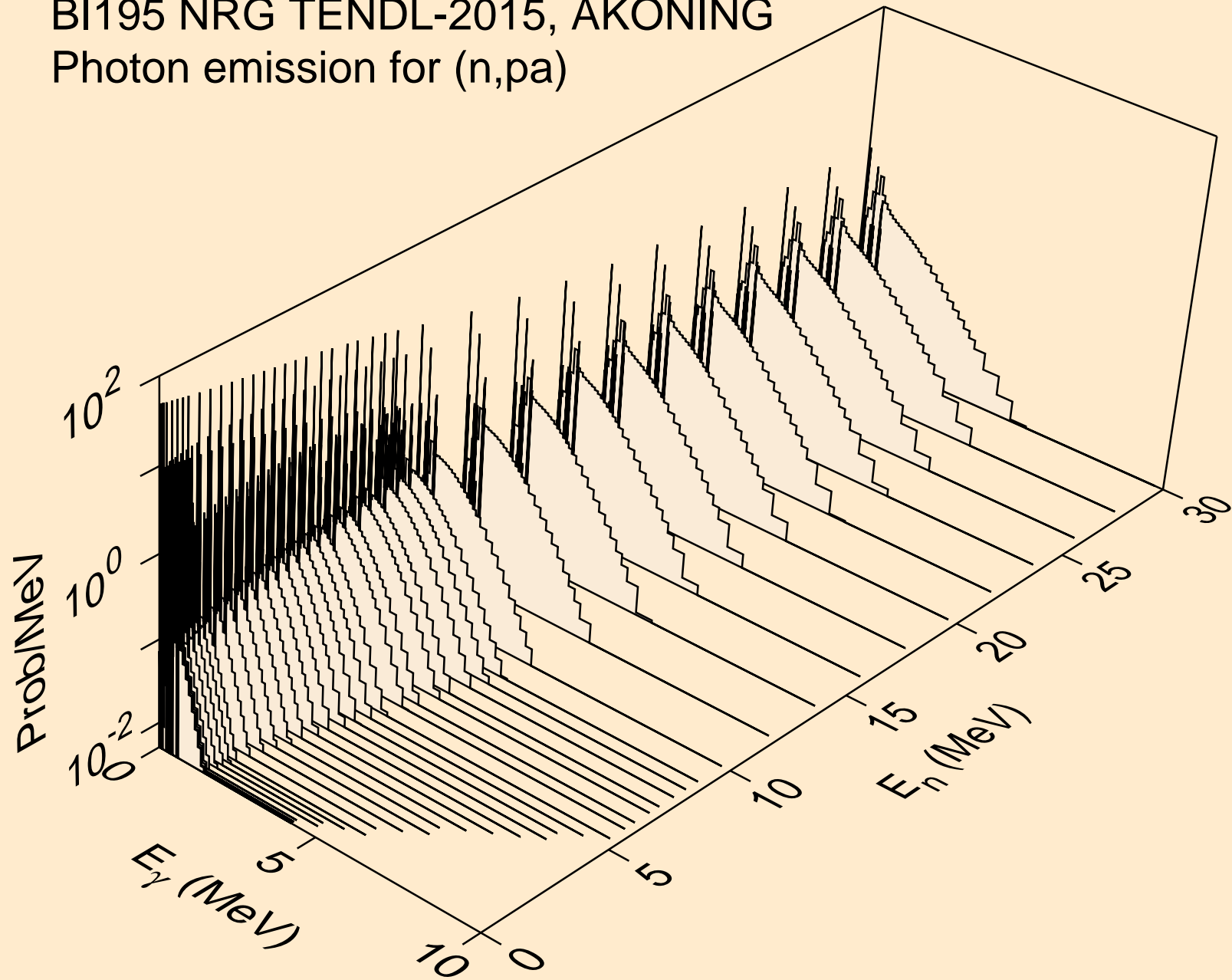
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



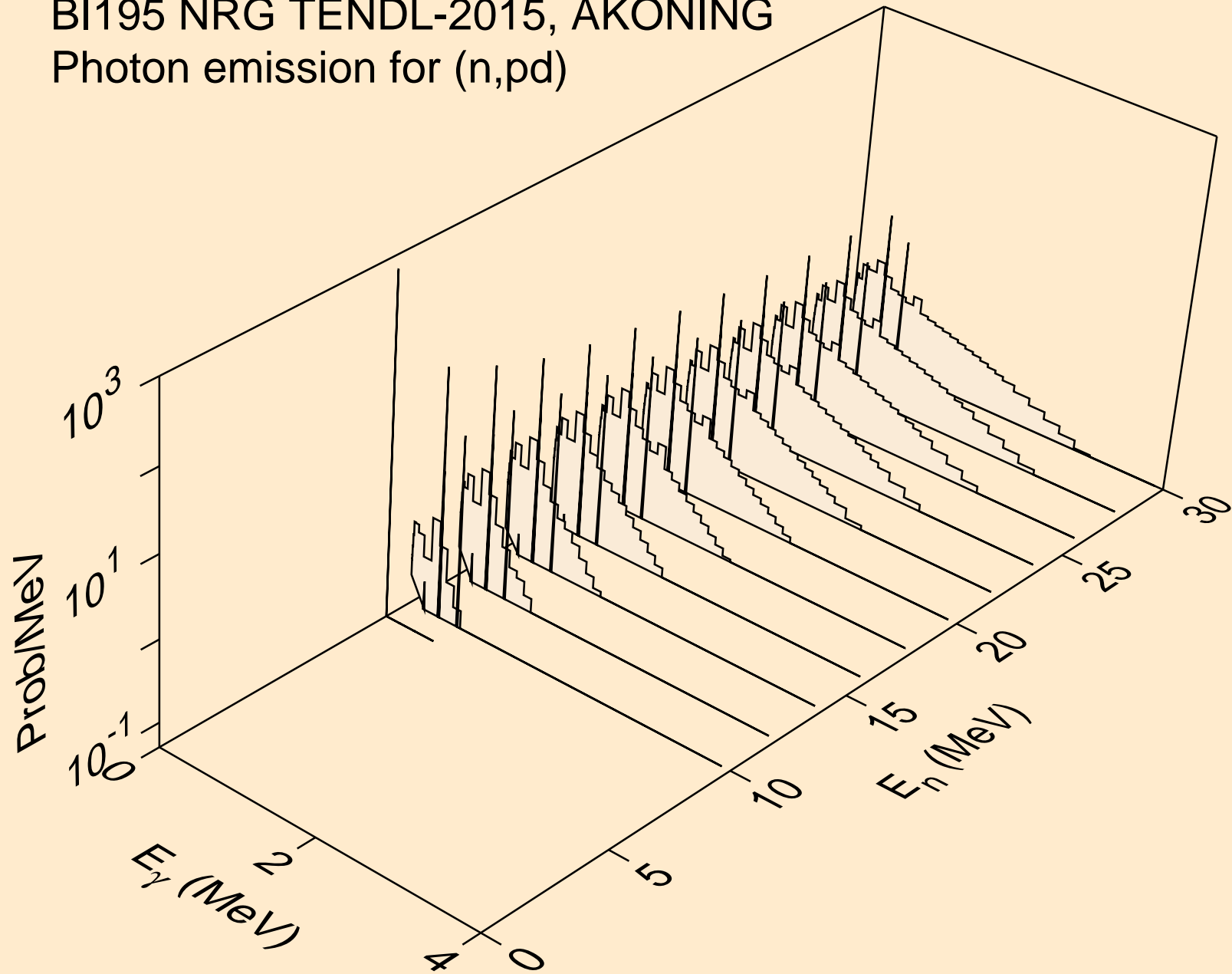
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

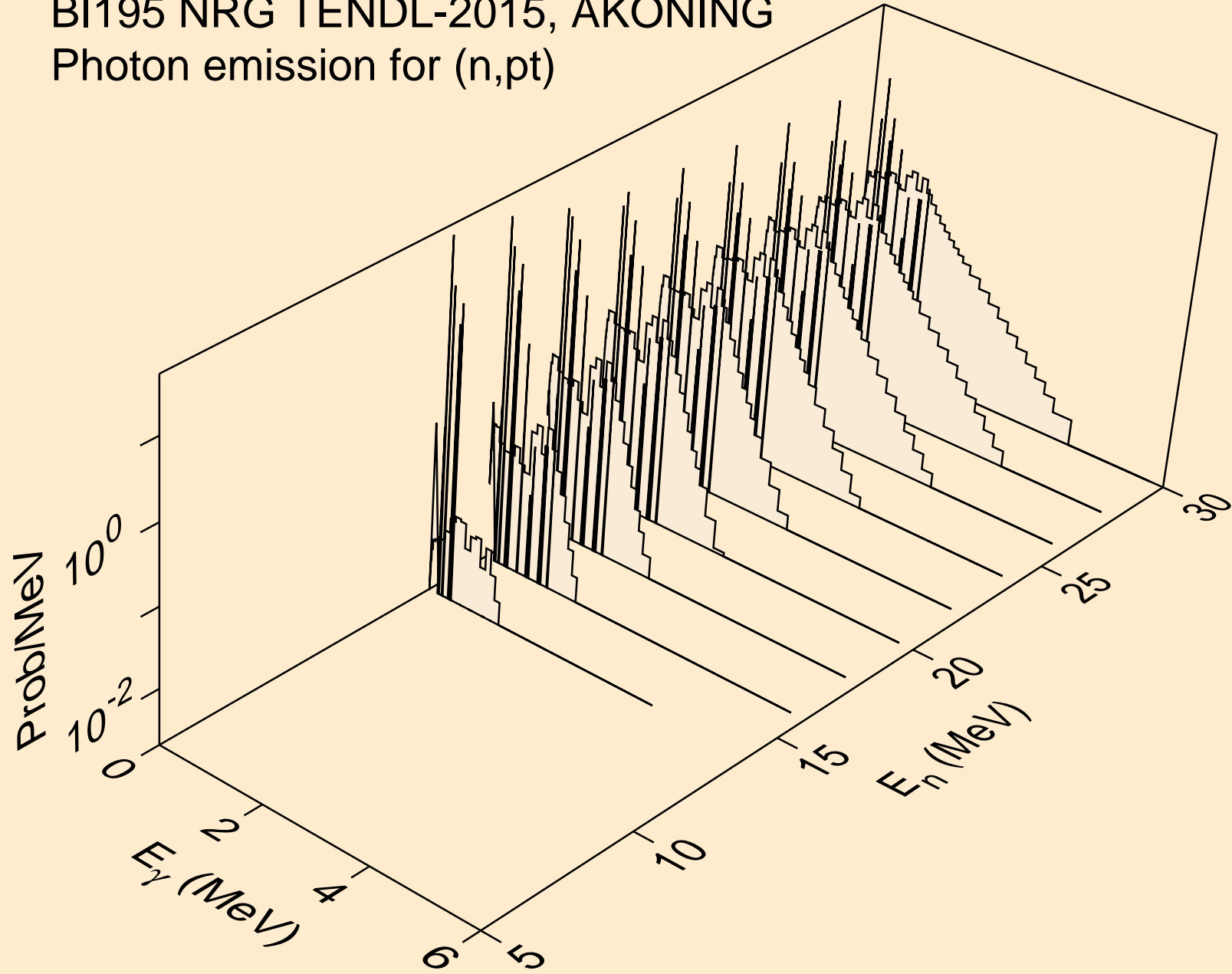


BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

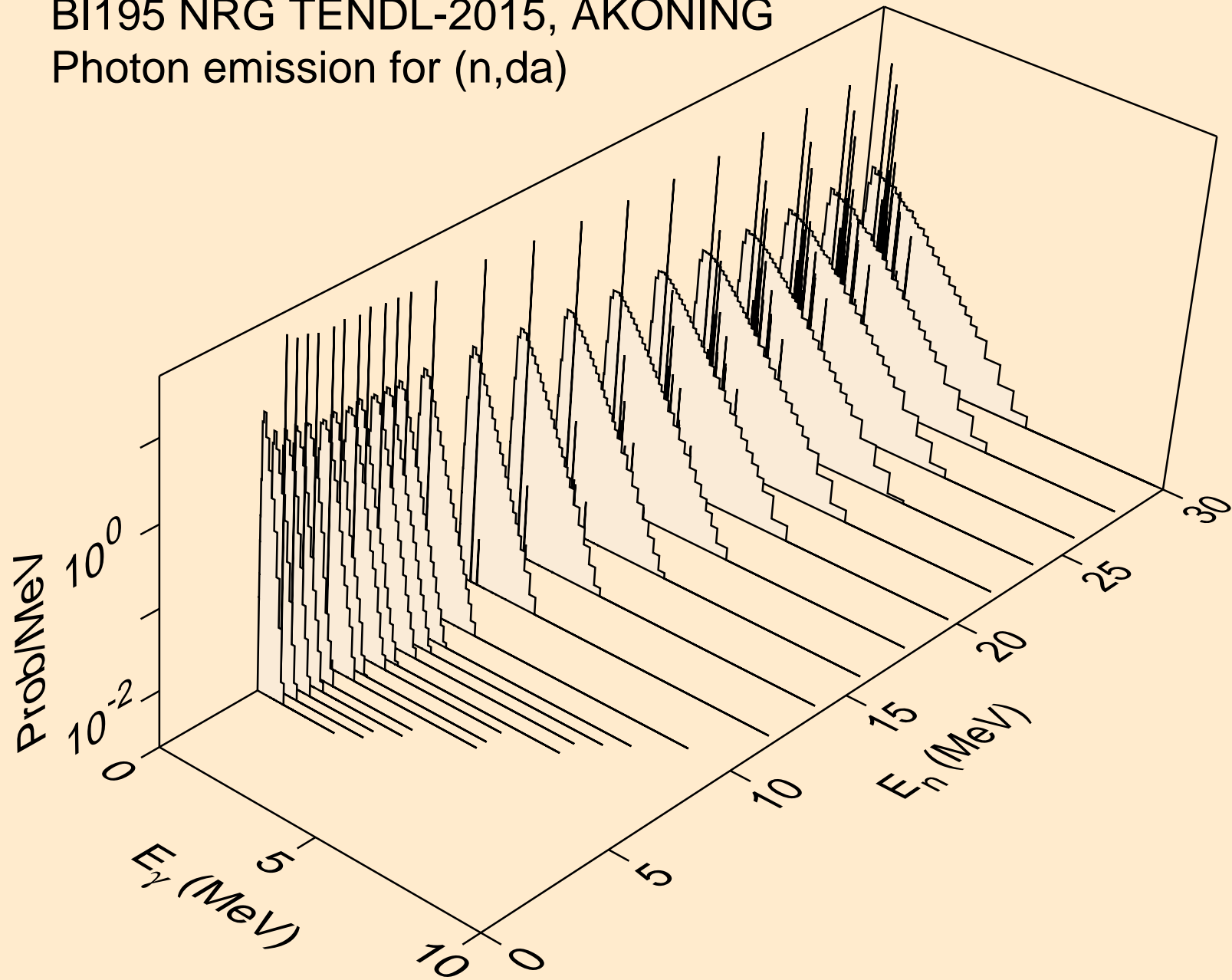




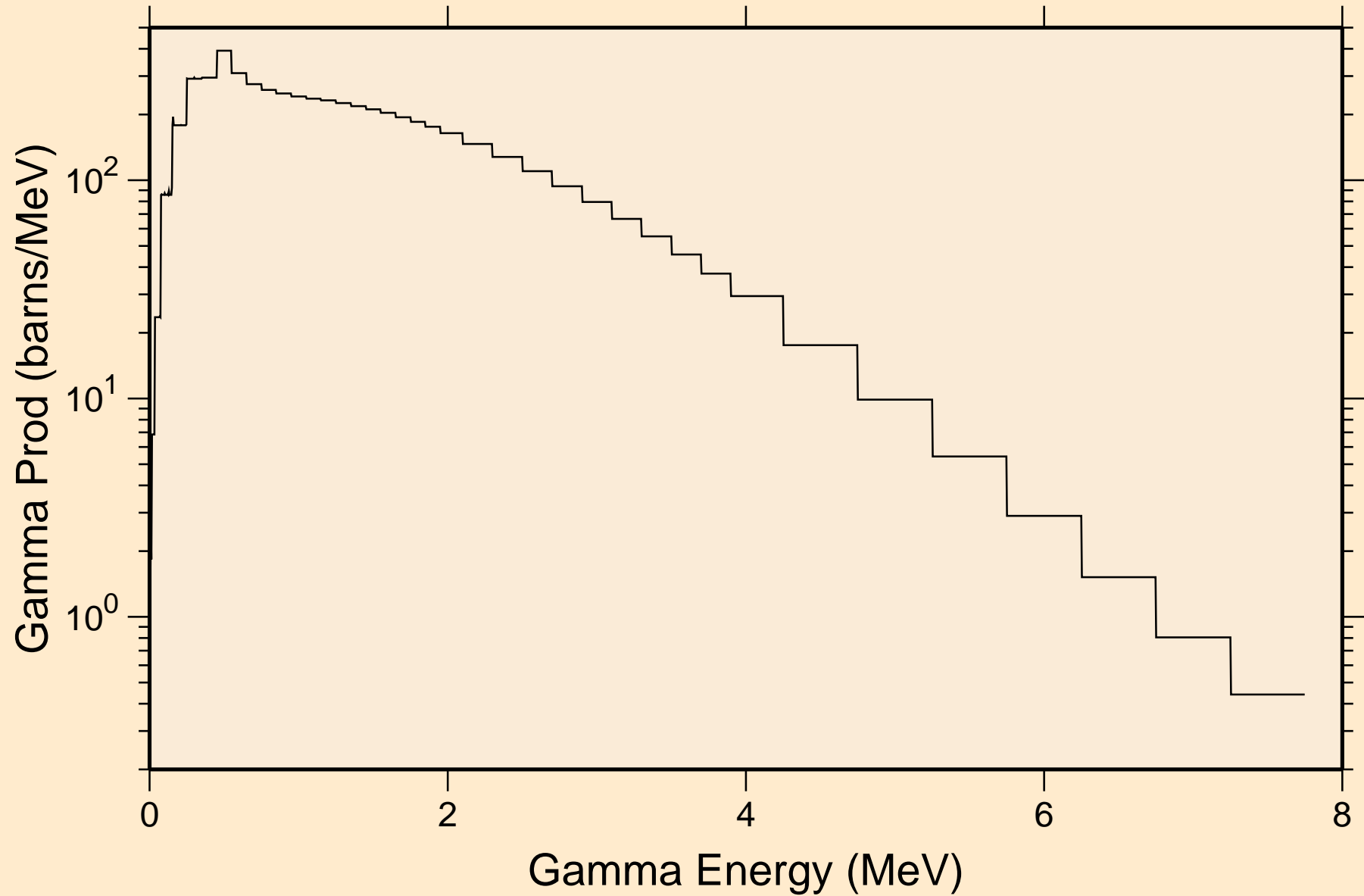
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



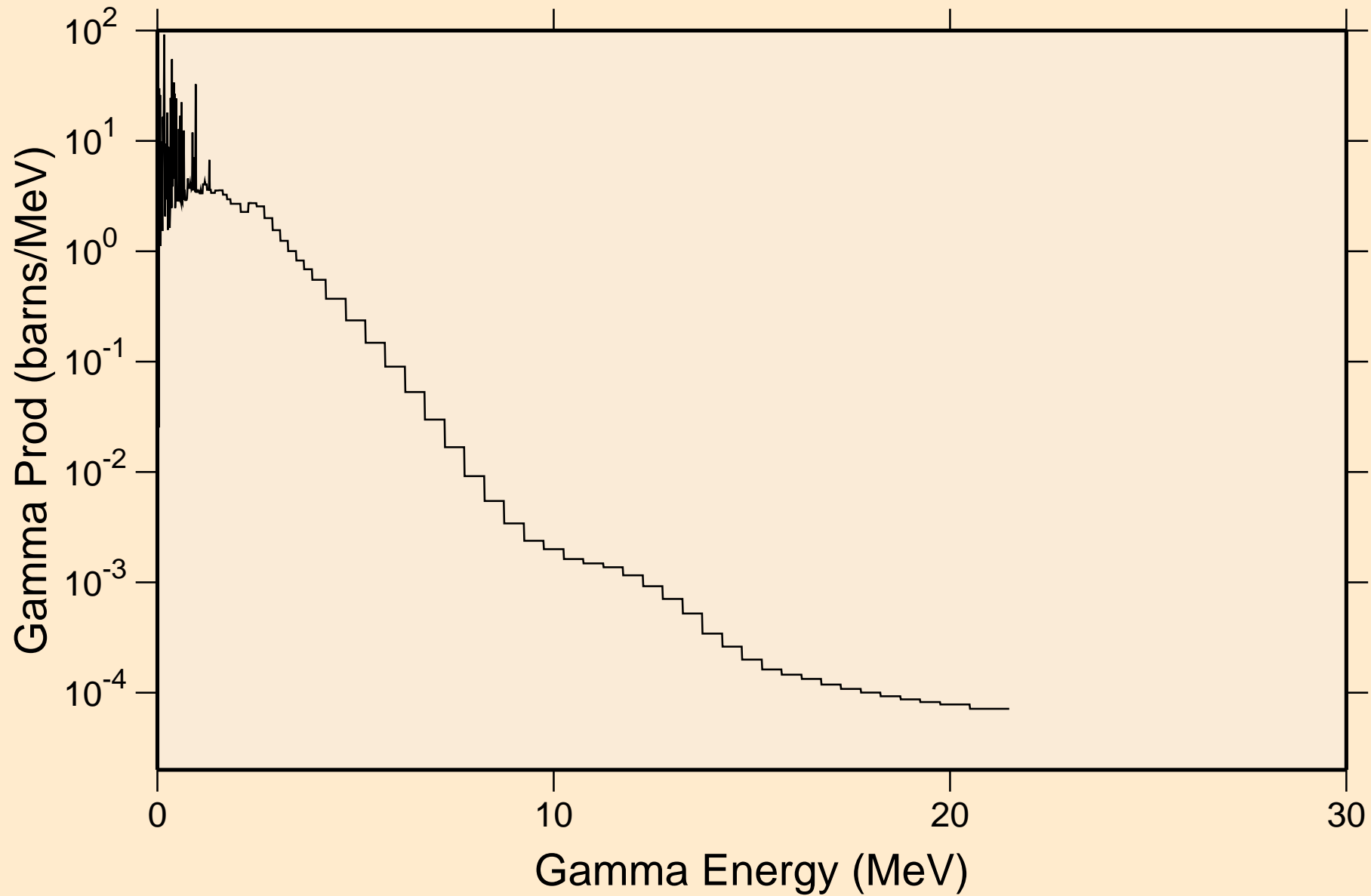
BI195 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



BI195 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

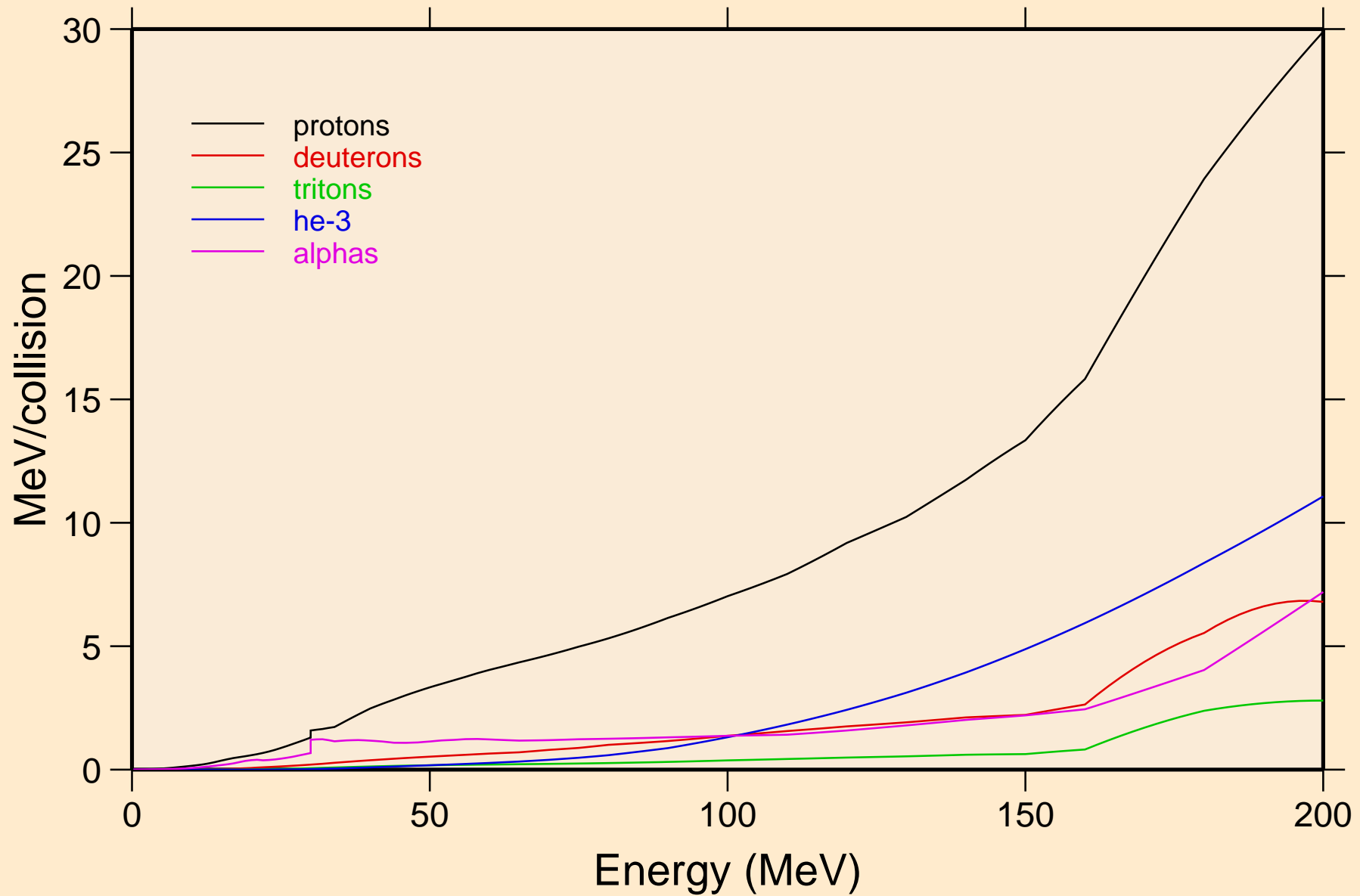


BI195 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



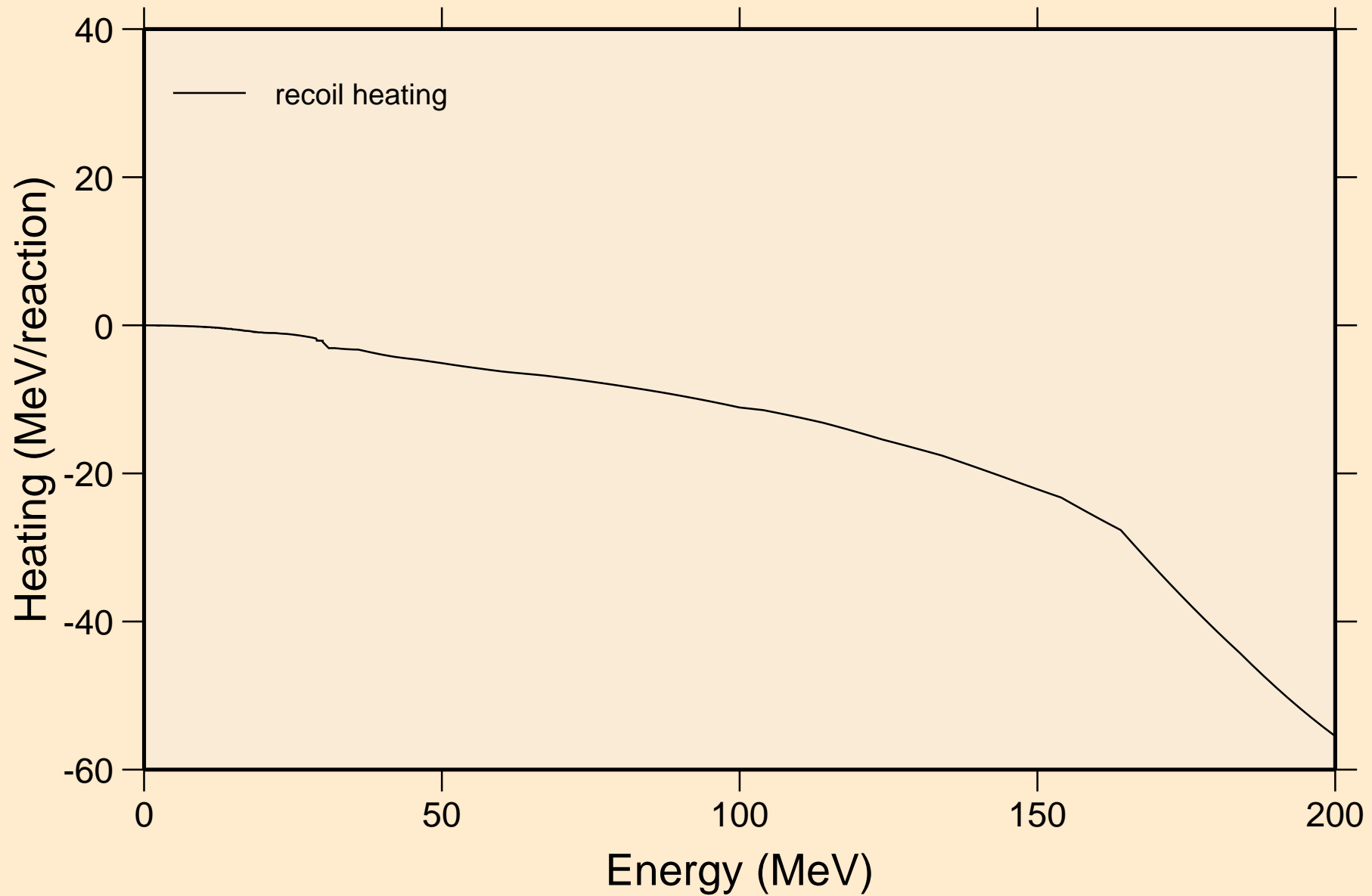
# BI195 NRG TENDL-2015, AKONING

## Particle heating contributions

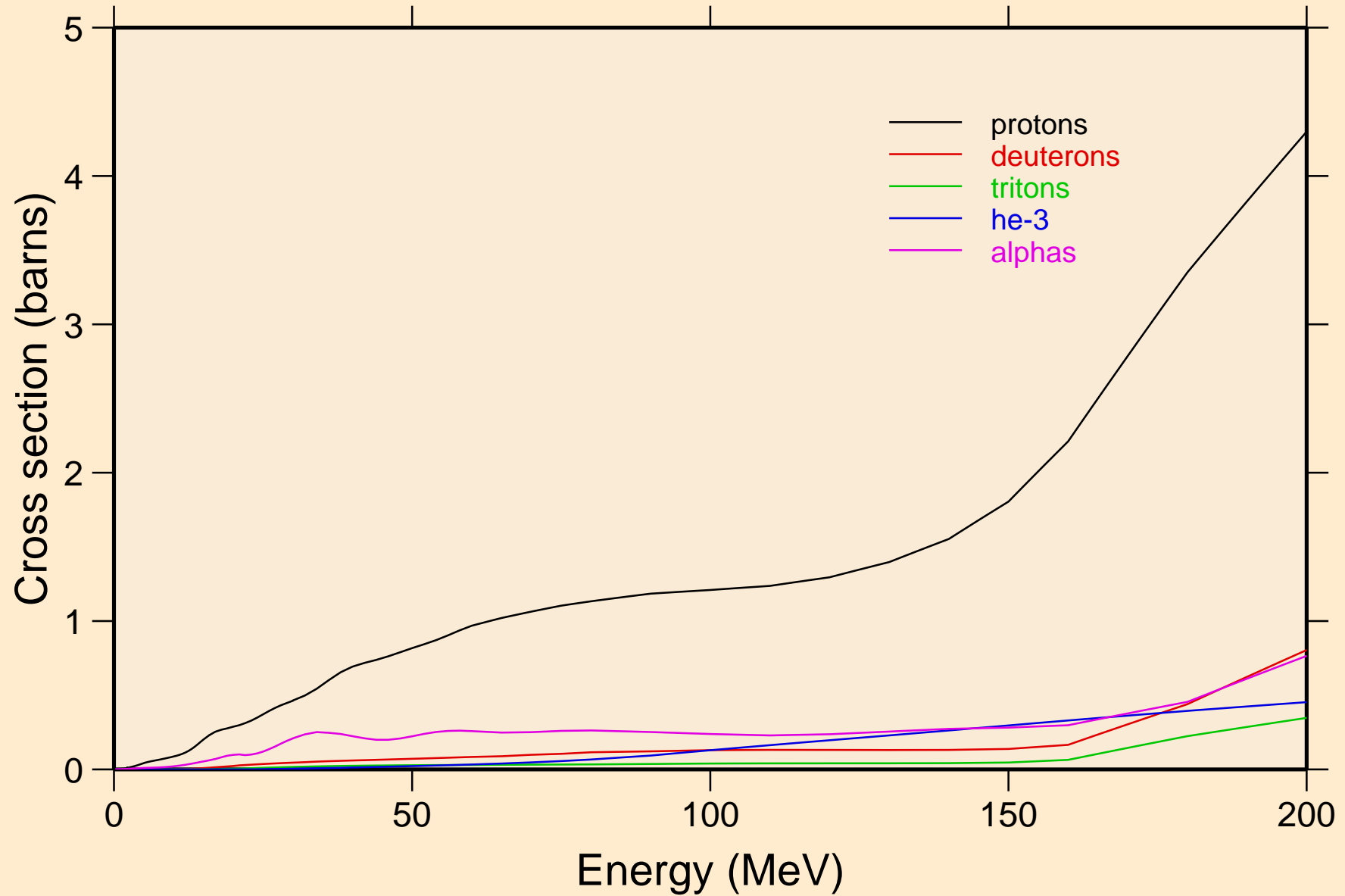


# BI195 NRG TENDL-2015, AKONING

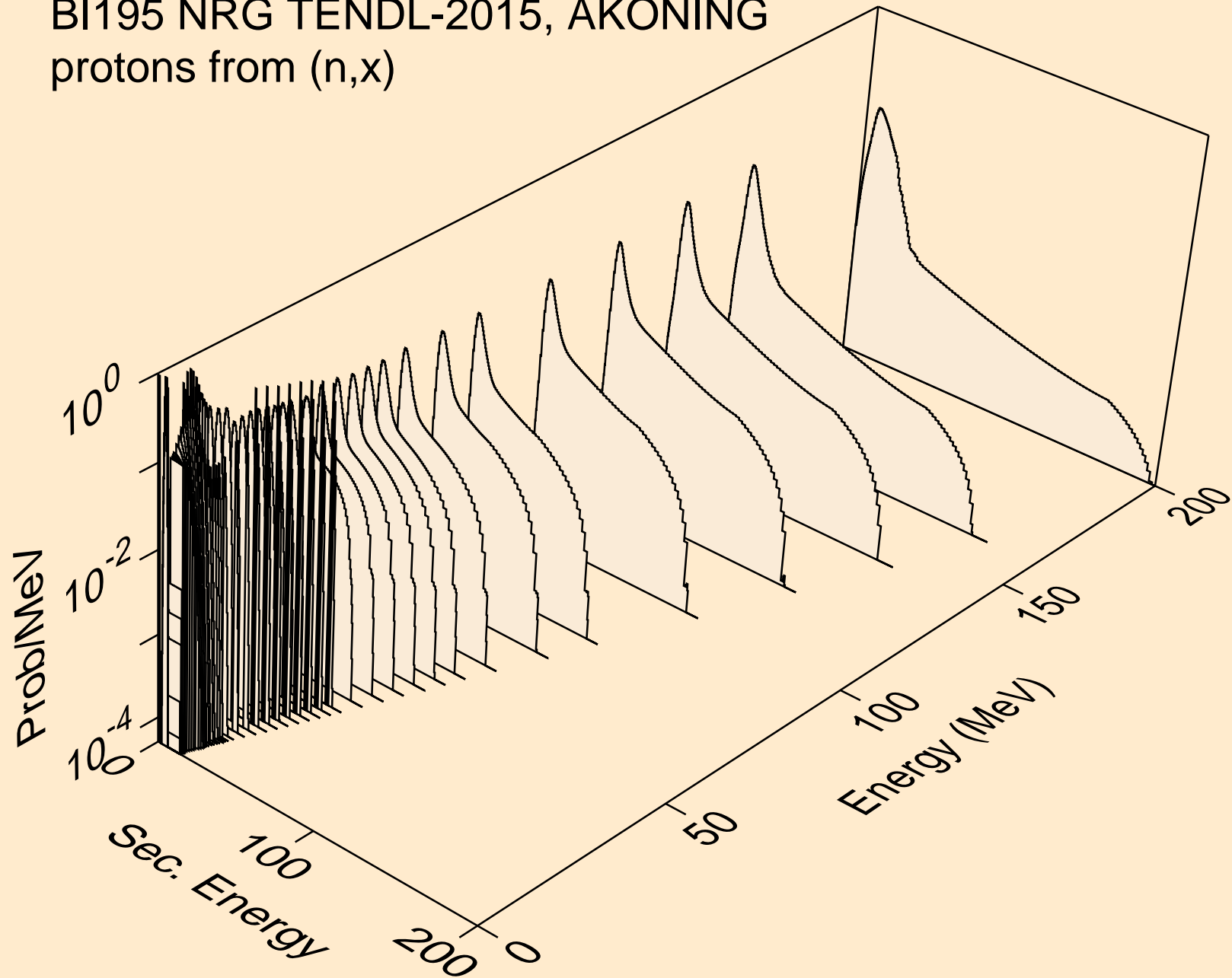
## Recoil Heating



BI195 NRG TENDL-2015, AKONING  
Particle production cross sections

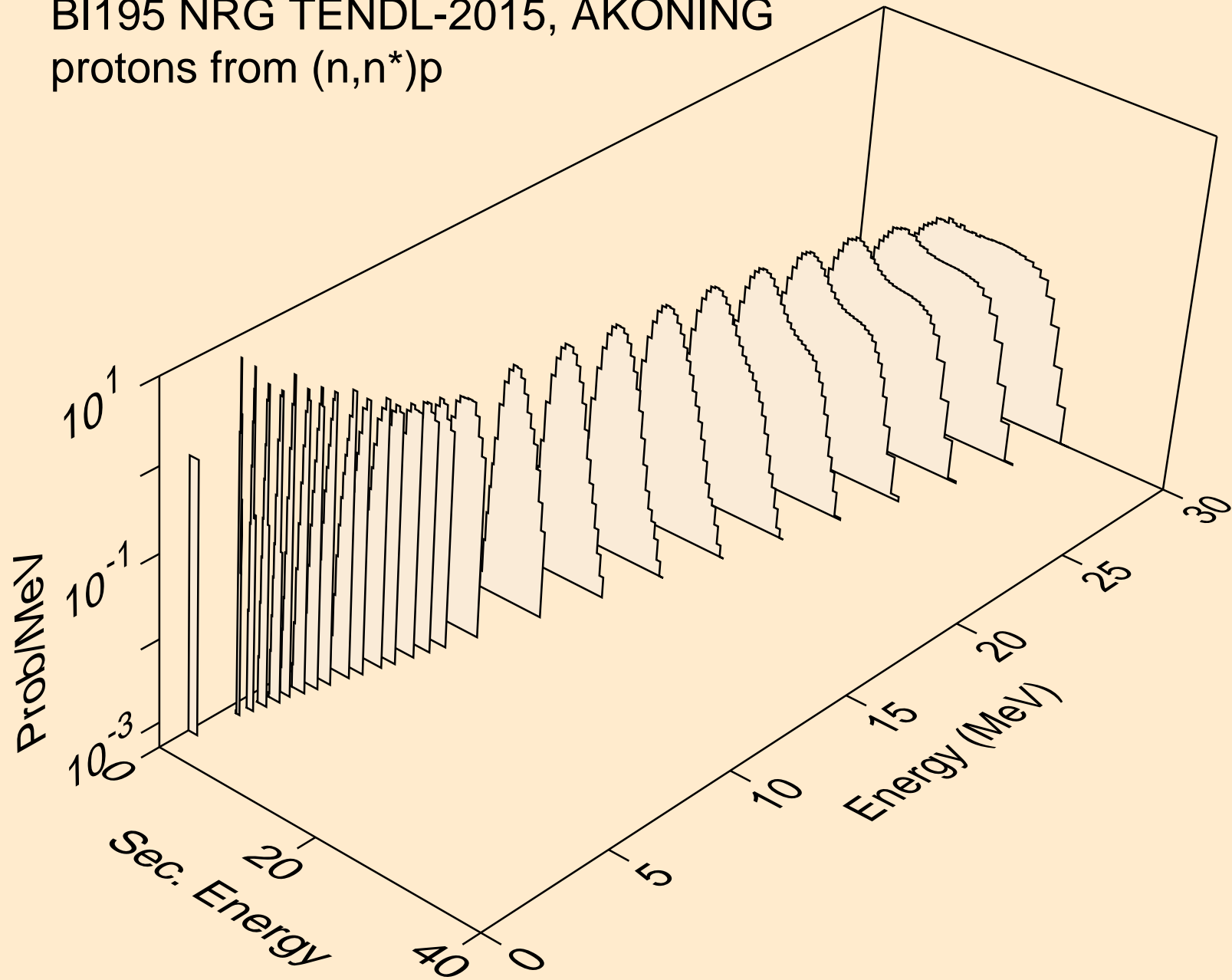


BI195 NRG TENDL-2015, AKONING  
protons from (n,x)

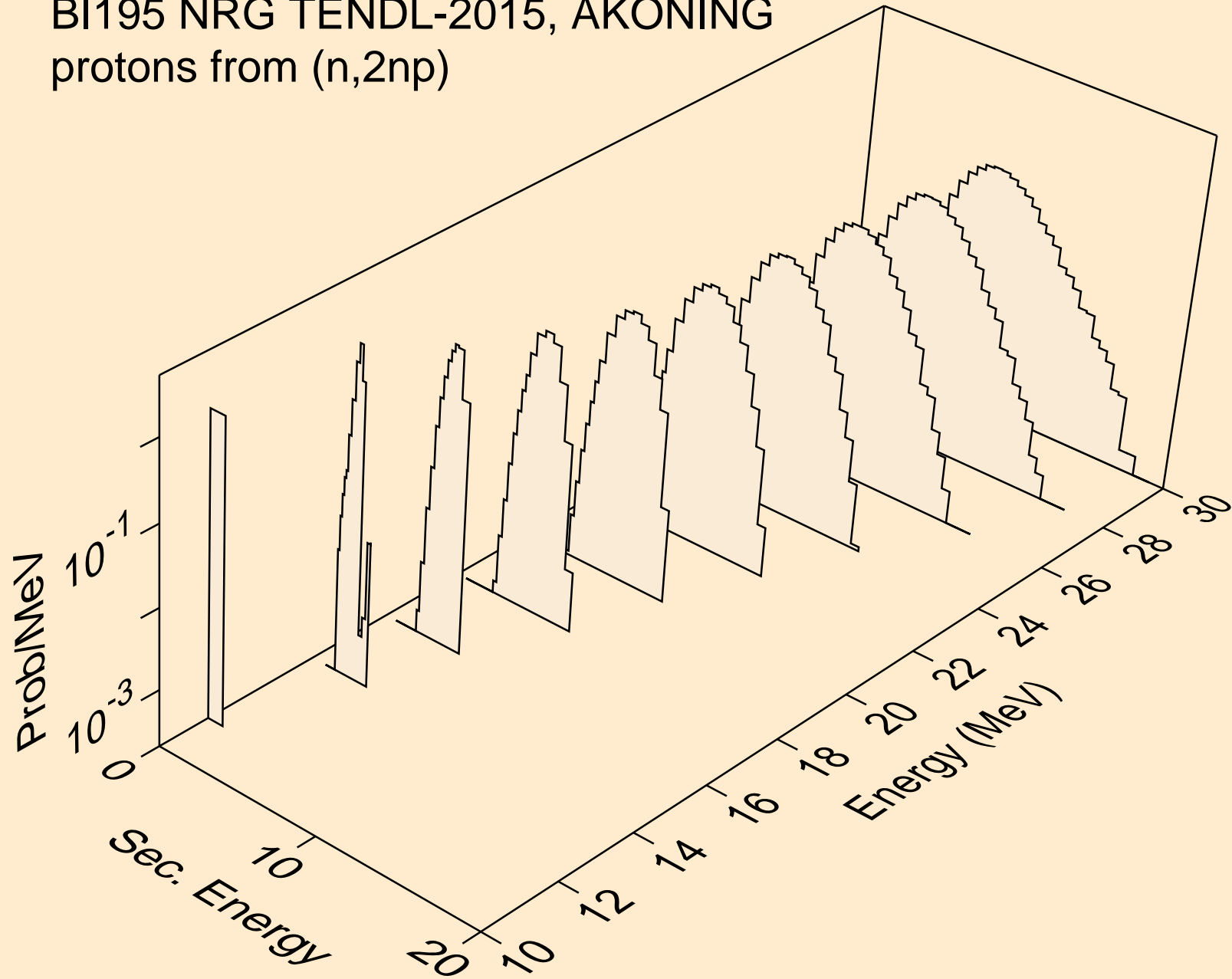




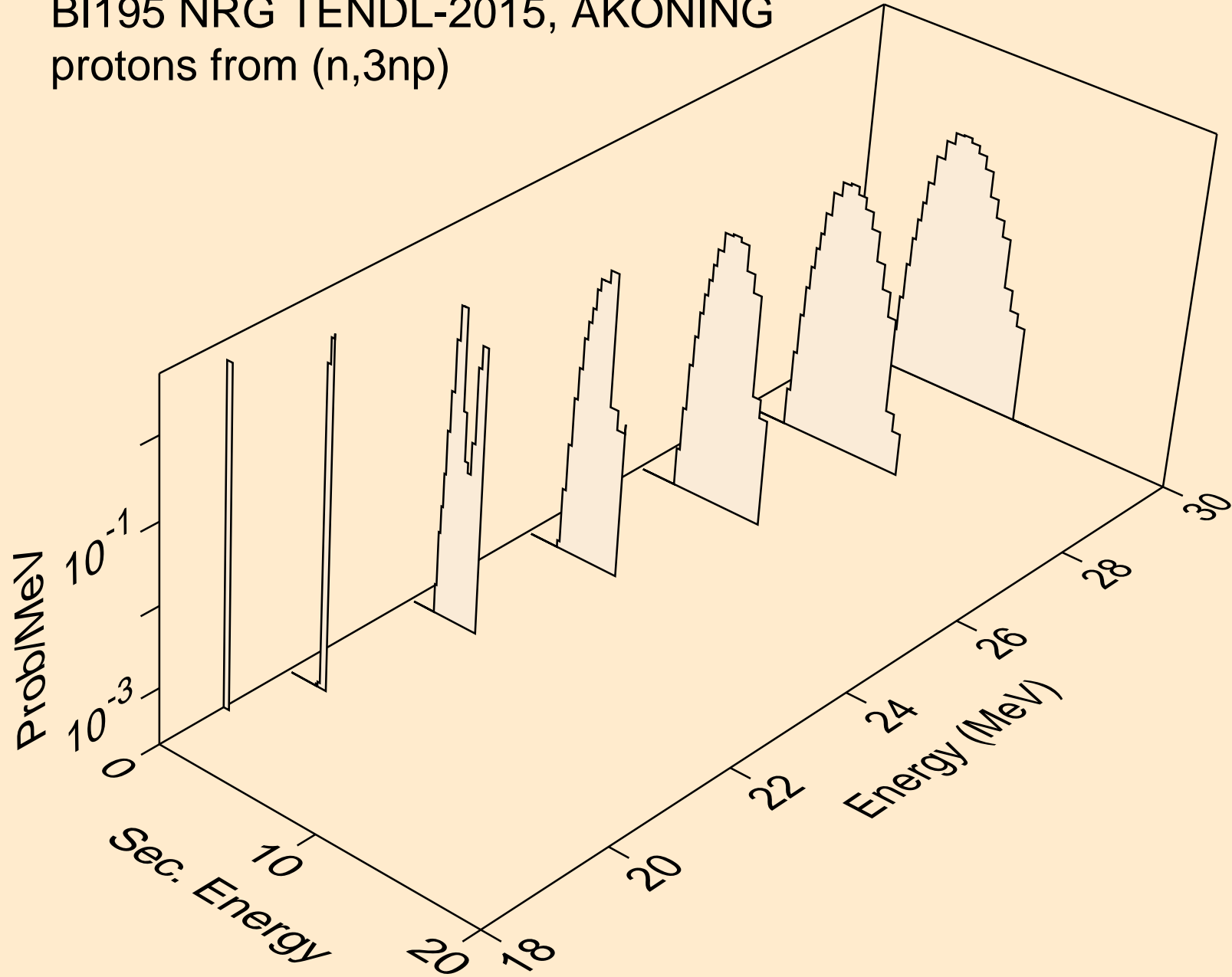
BI195 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



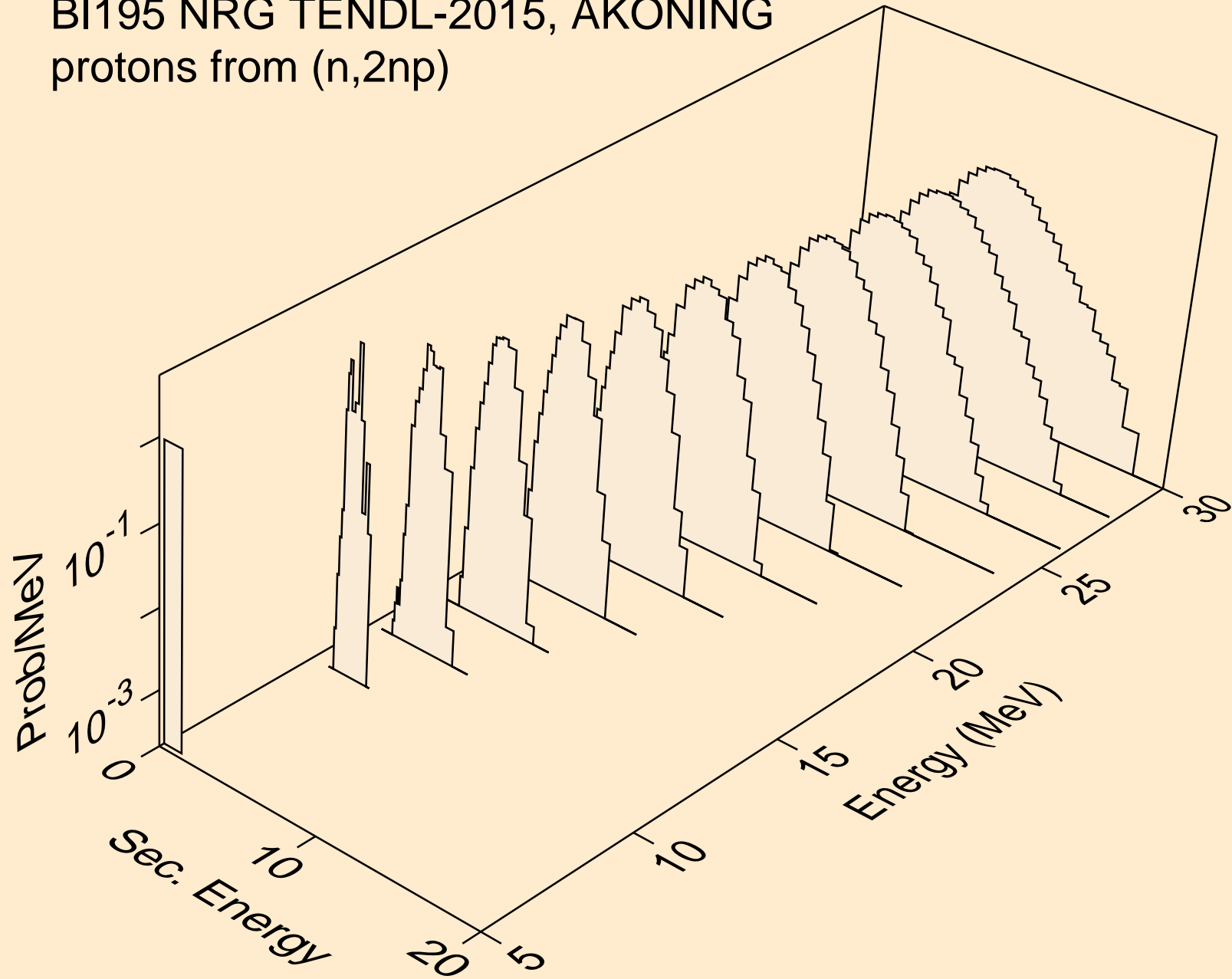
BI195 NRG TENDL-2015, AKONING  
protons from (n,2np)



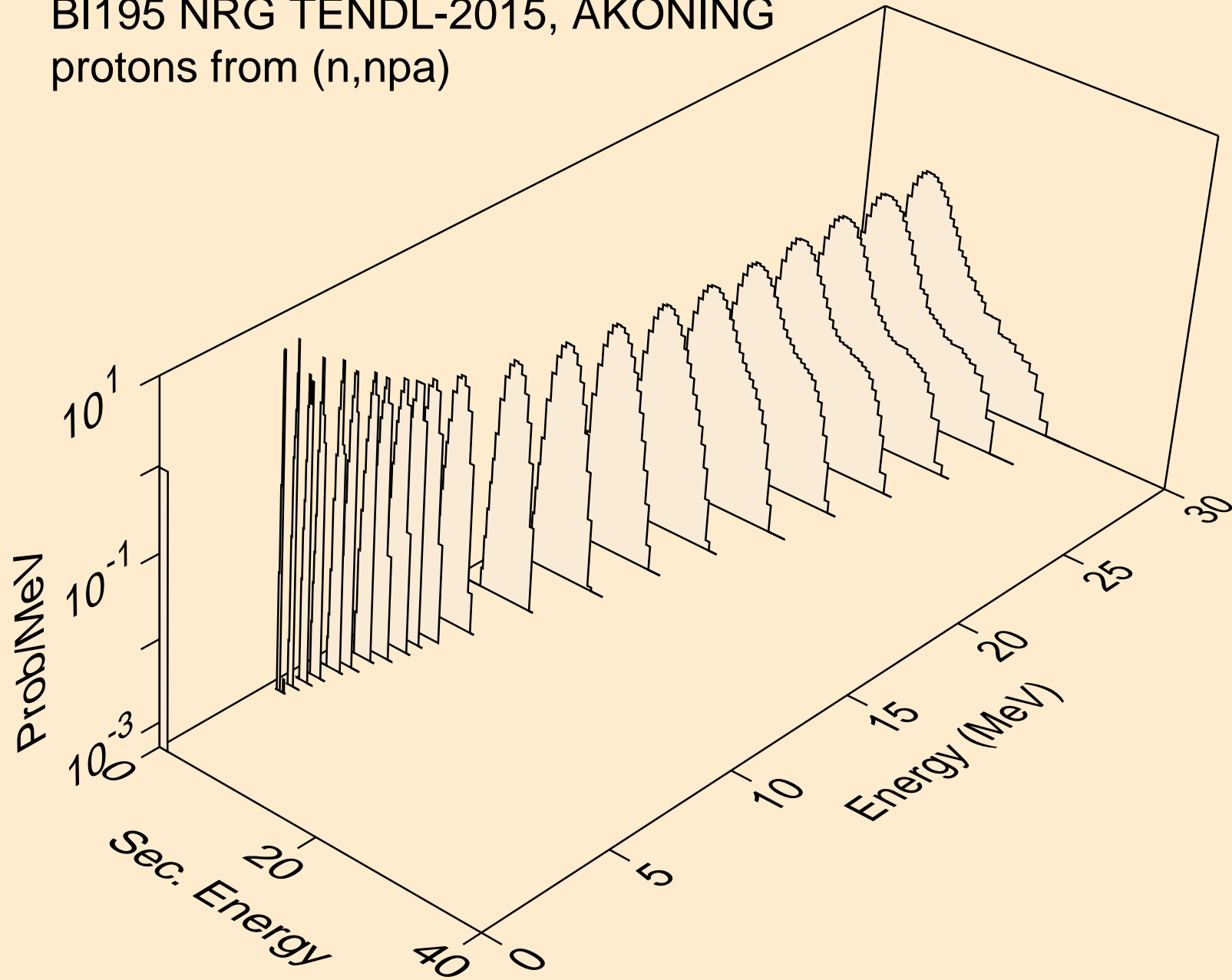
BI195 NRG TENDL-2015, AKONING  
protons from (n,3np)



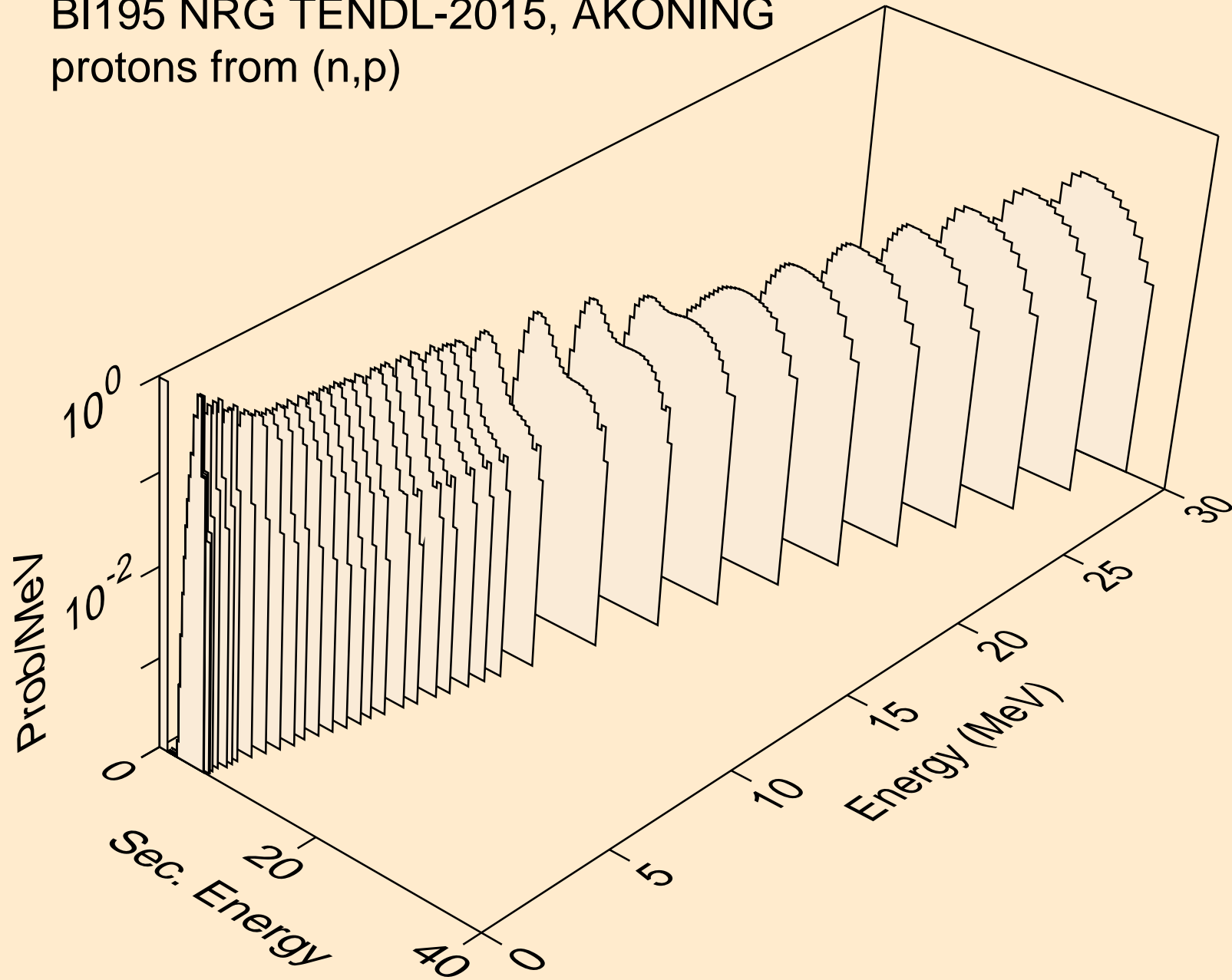
BI195 NRG TENDL-2015, AKONING  
protons from (n,2np)



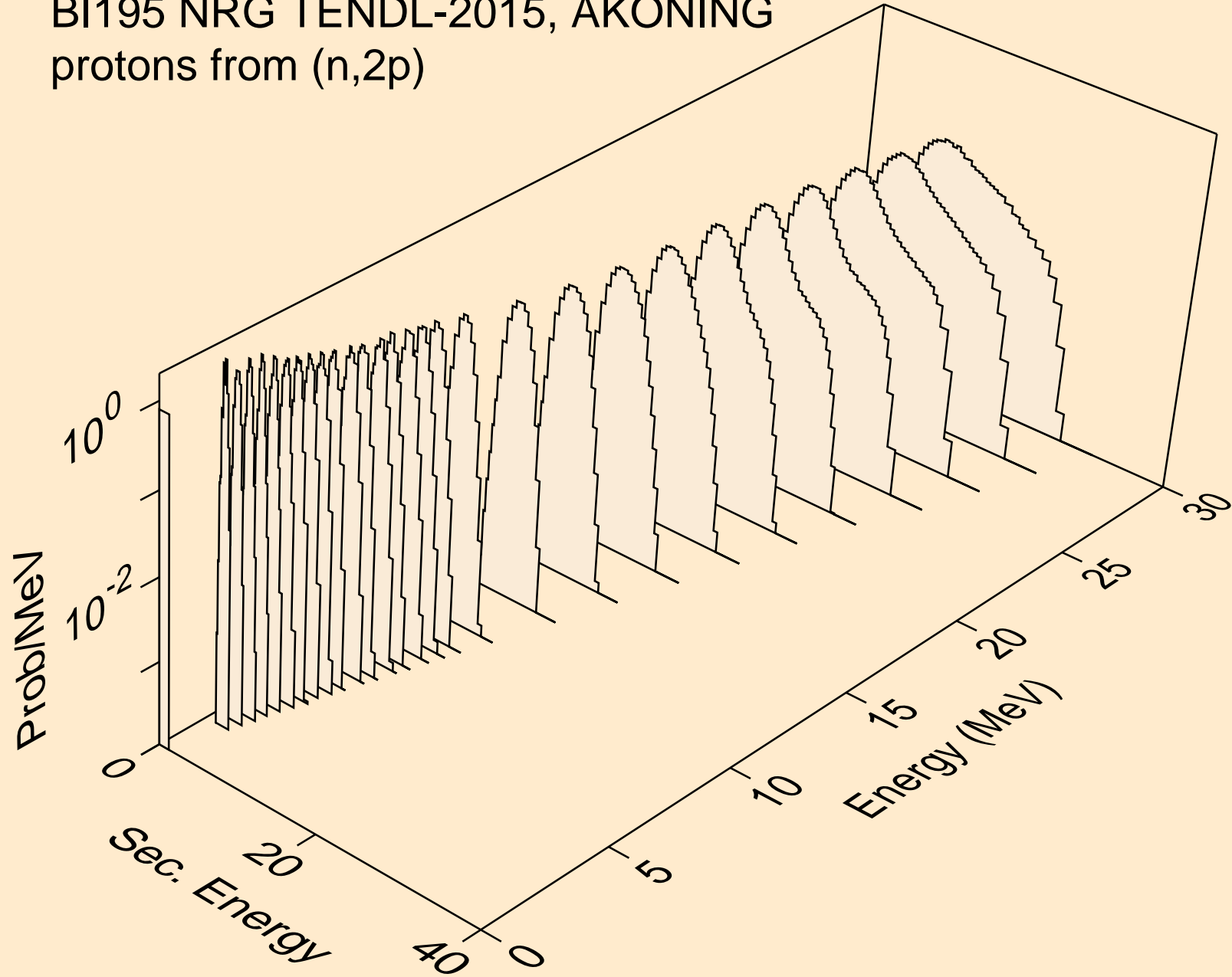
BI195 NRG TENDL-2015, AKONING  
protons from (n,npa)



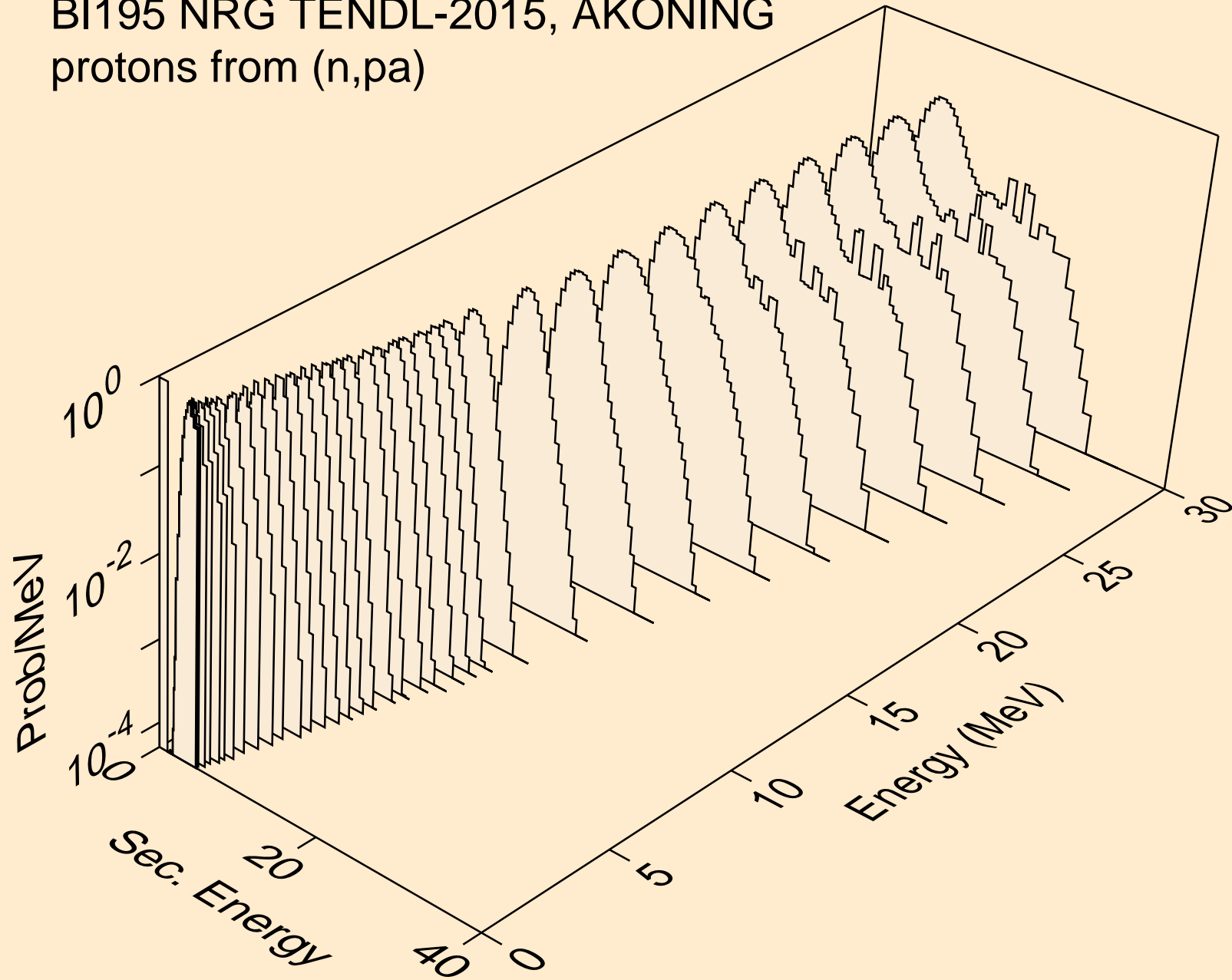
BI195 NRG TENDL-2015, AKONING  
protons from (n,p)



BI195 NRG TENDL-2015, AKONING  
protons from (n,2p)

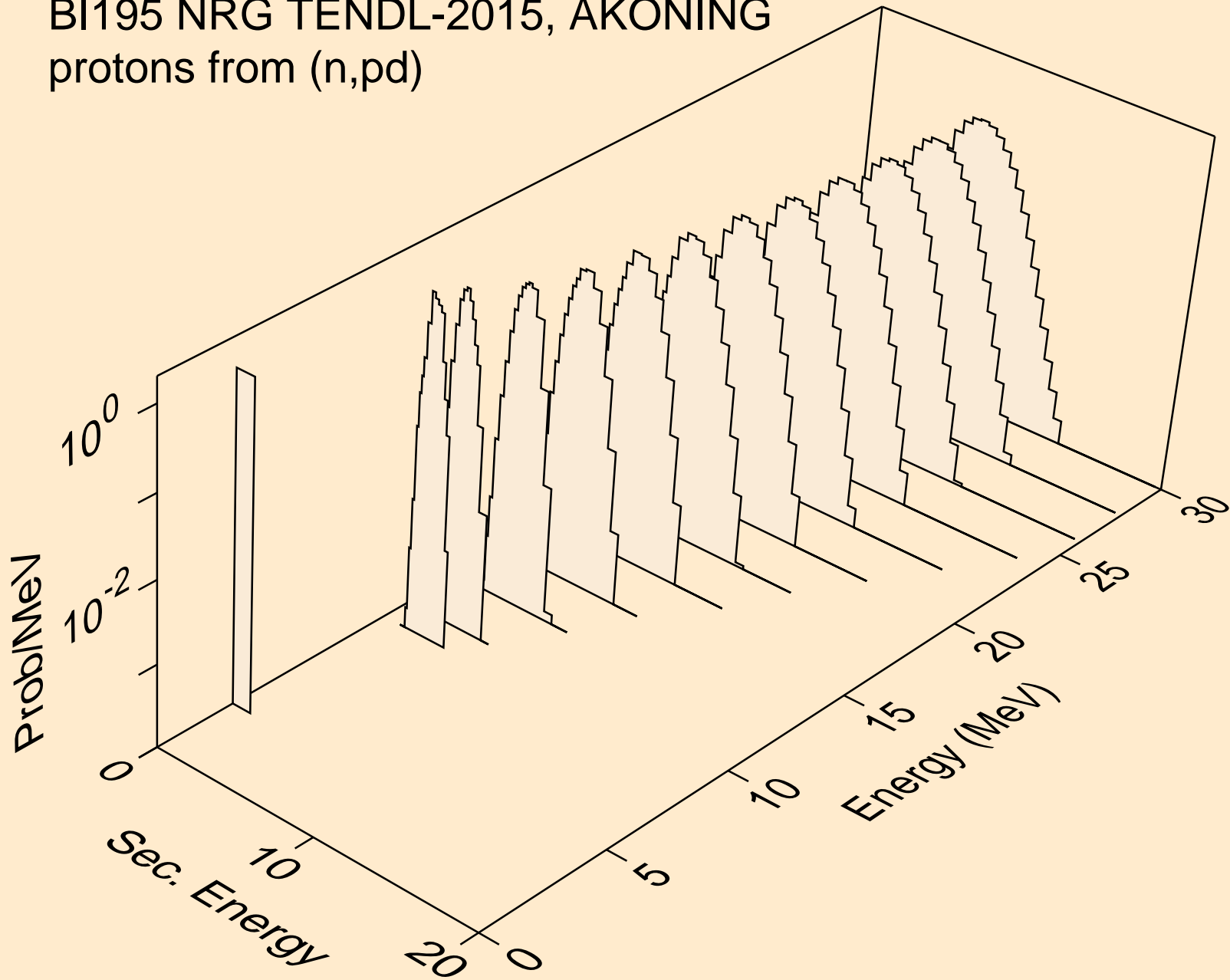


BI195 NRG TENDL-2015, AKONING  
protons from (n,pa)

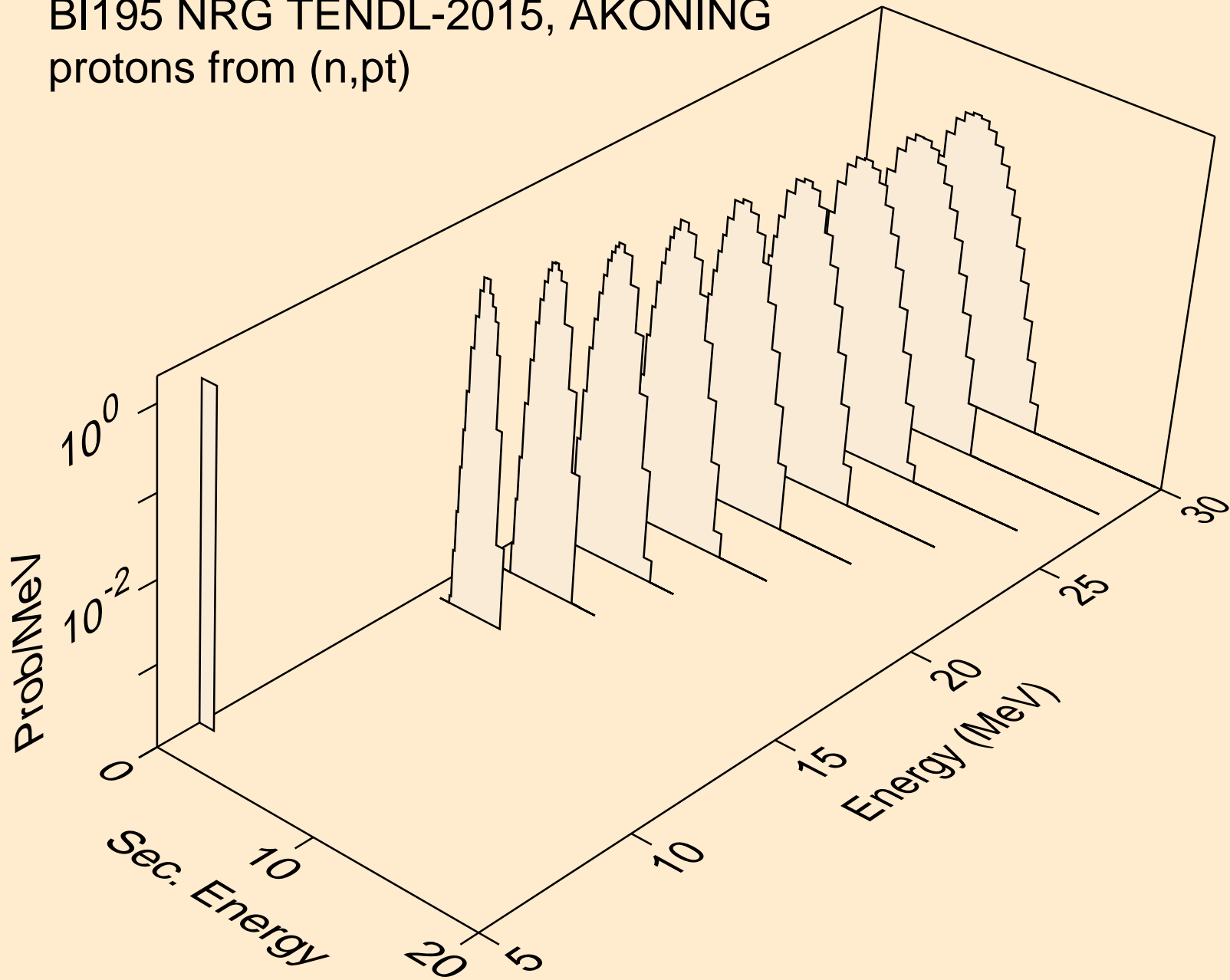




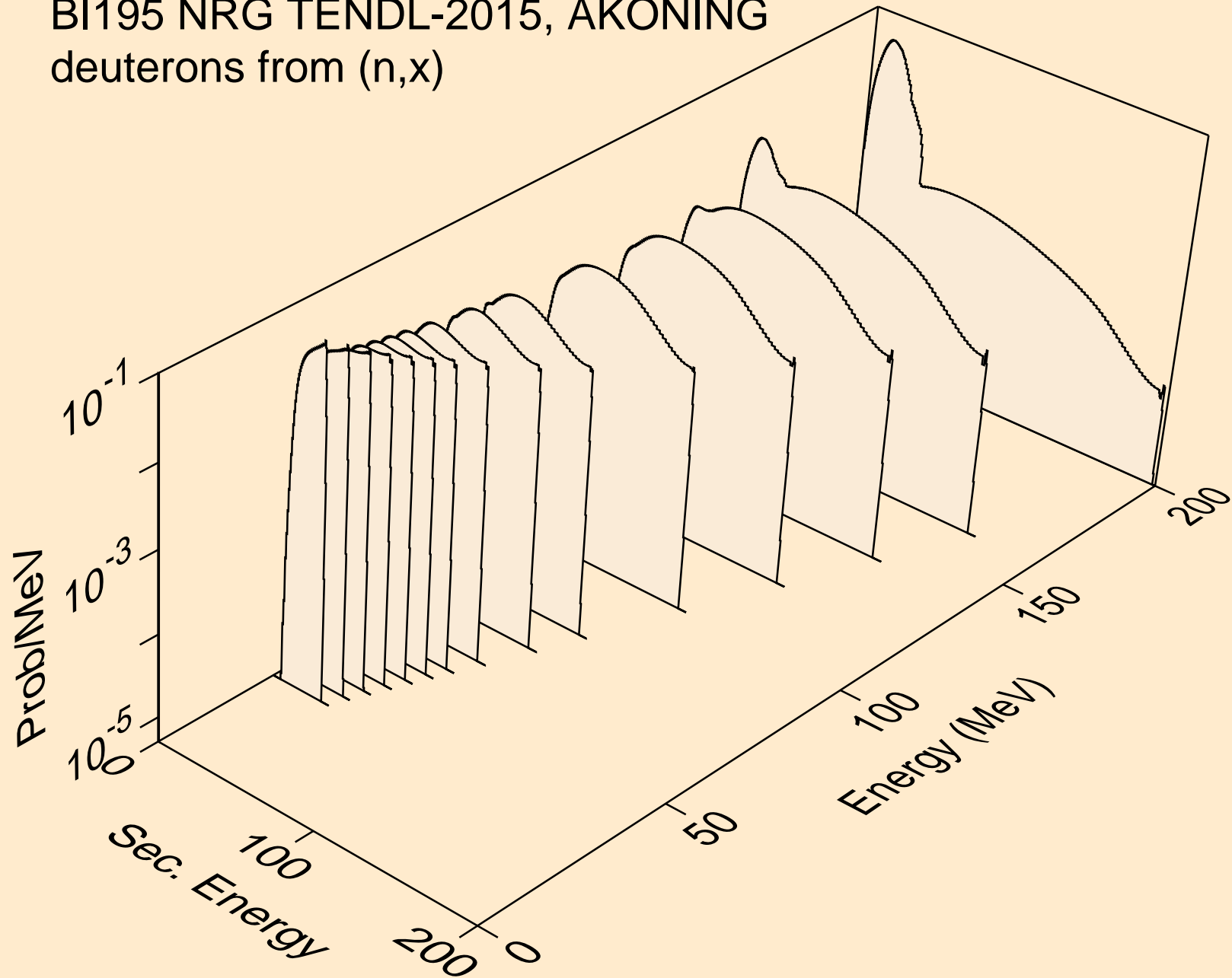
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protons from (n,pd)



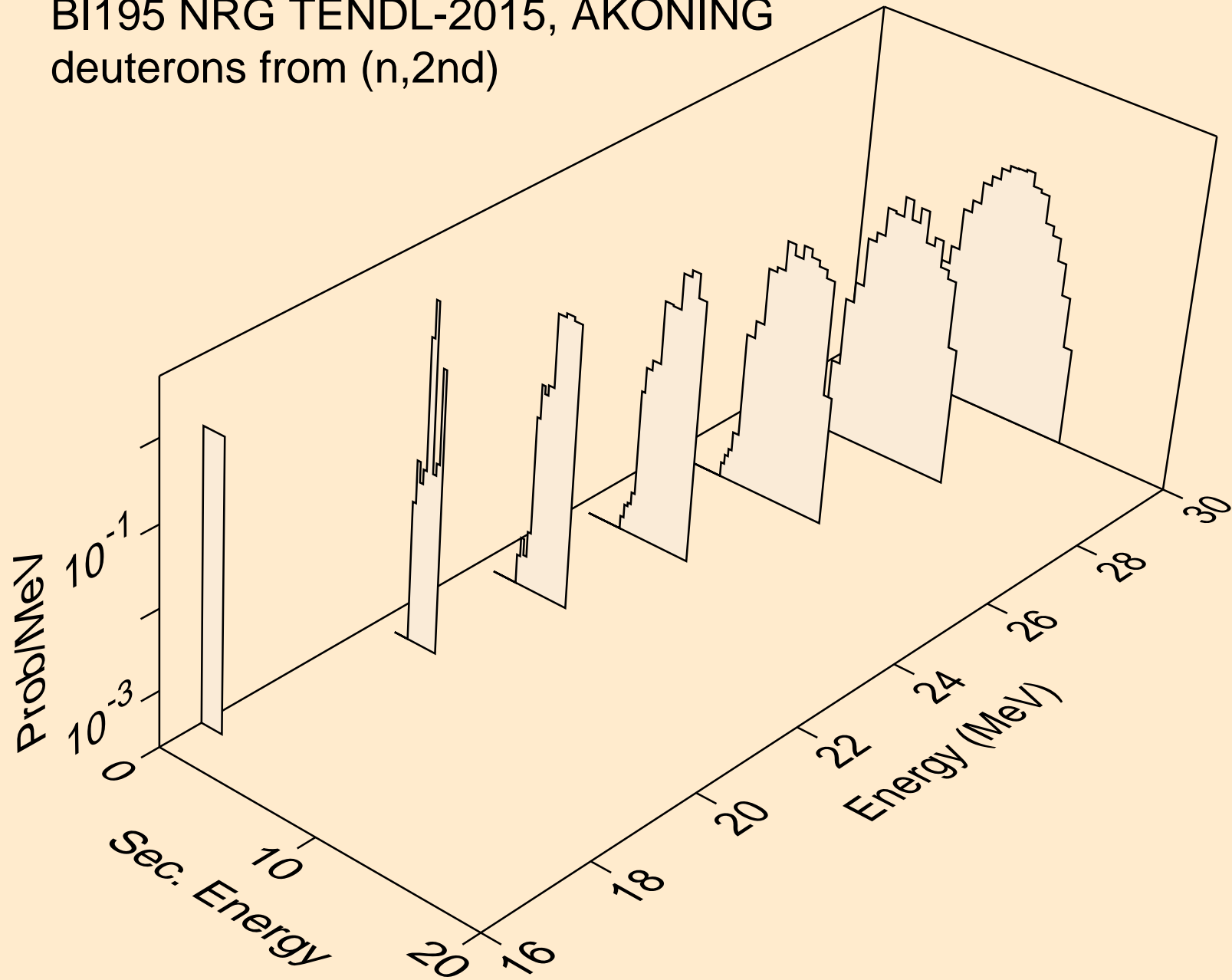
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protons from (n,pt)



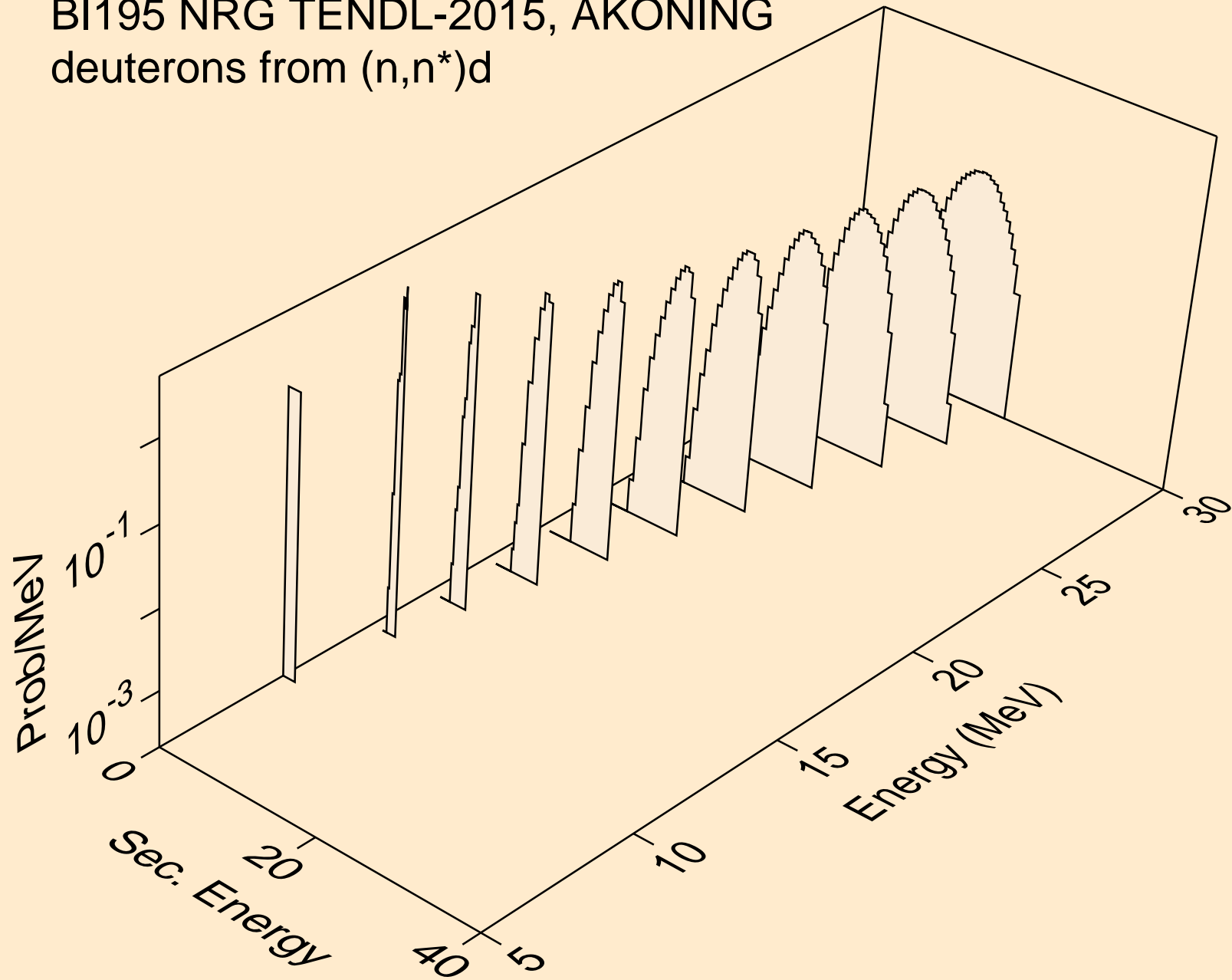
BI195 NRG TENDL-2015, AKONING  
deuterons from (n,x)



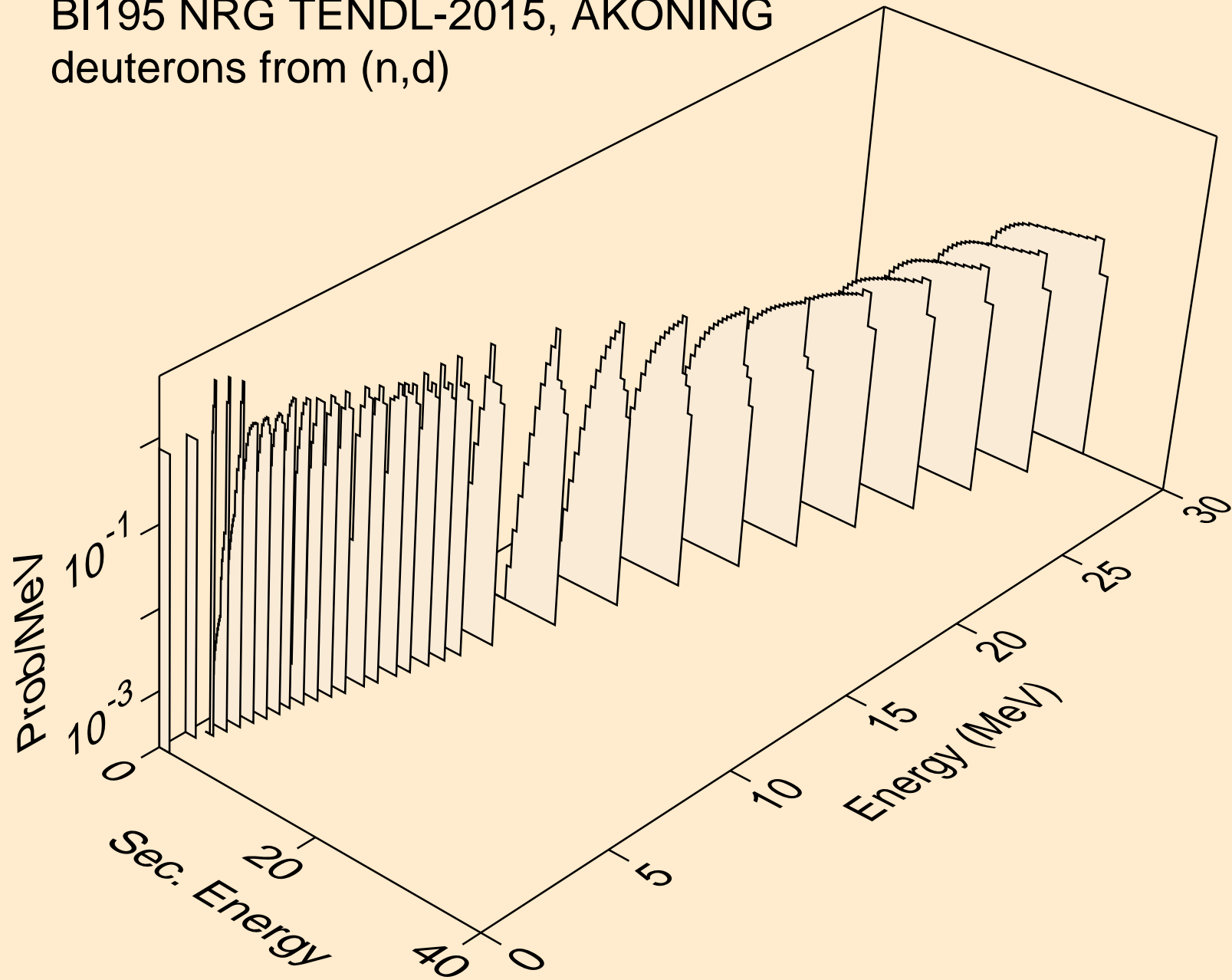
BI195 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



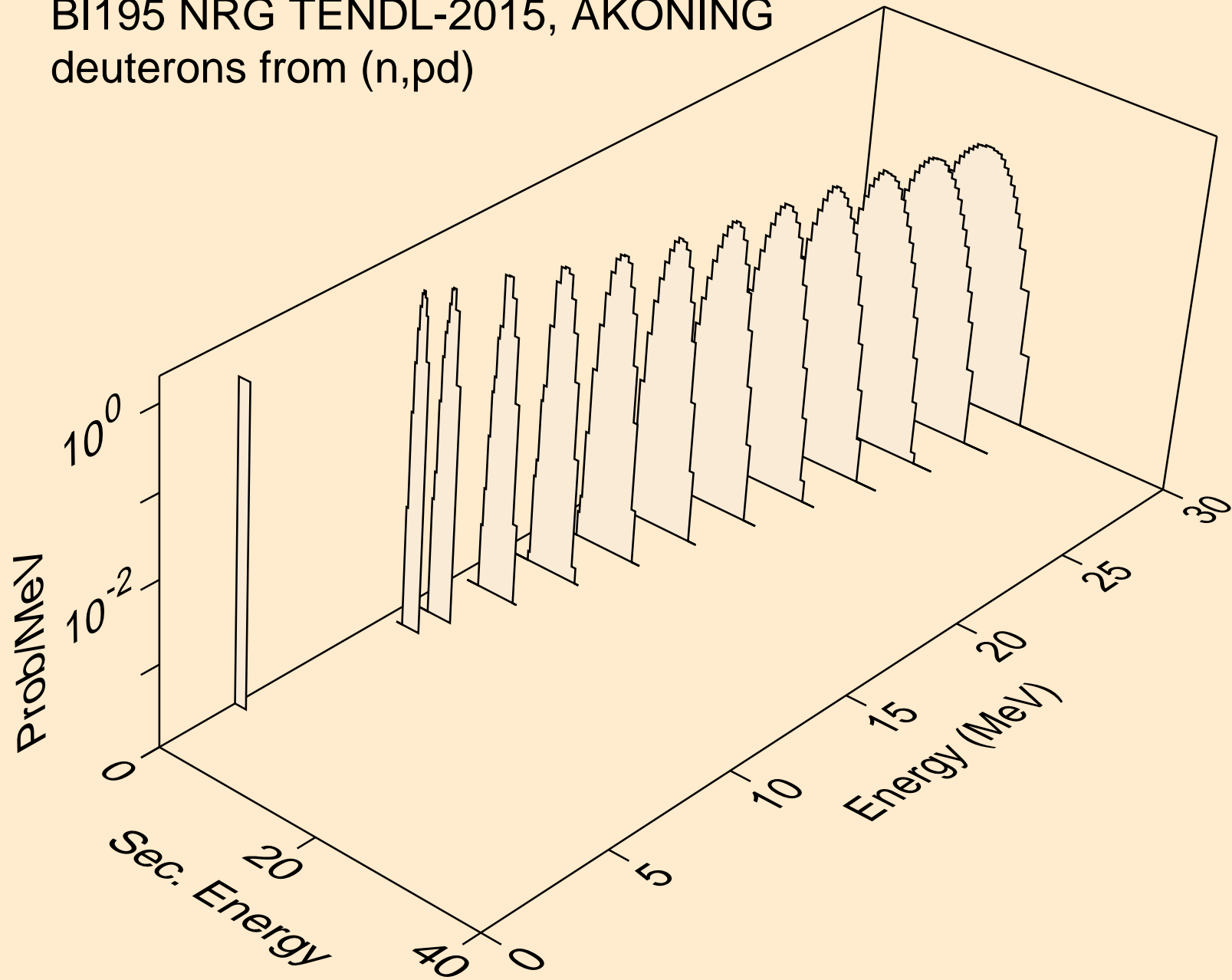
BI195 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



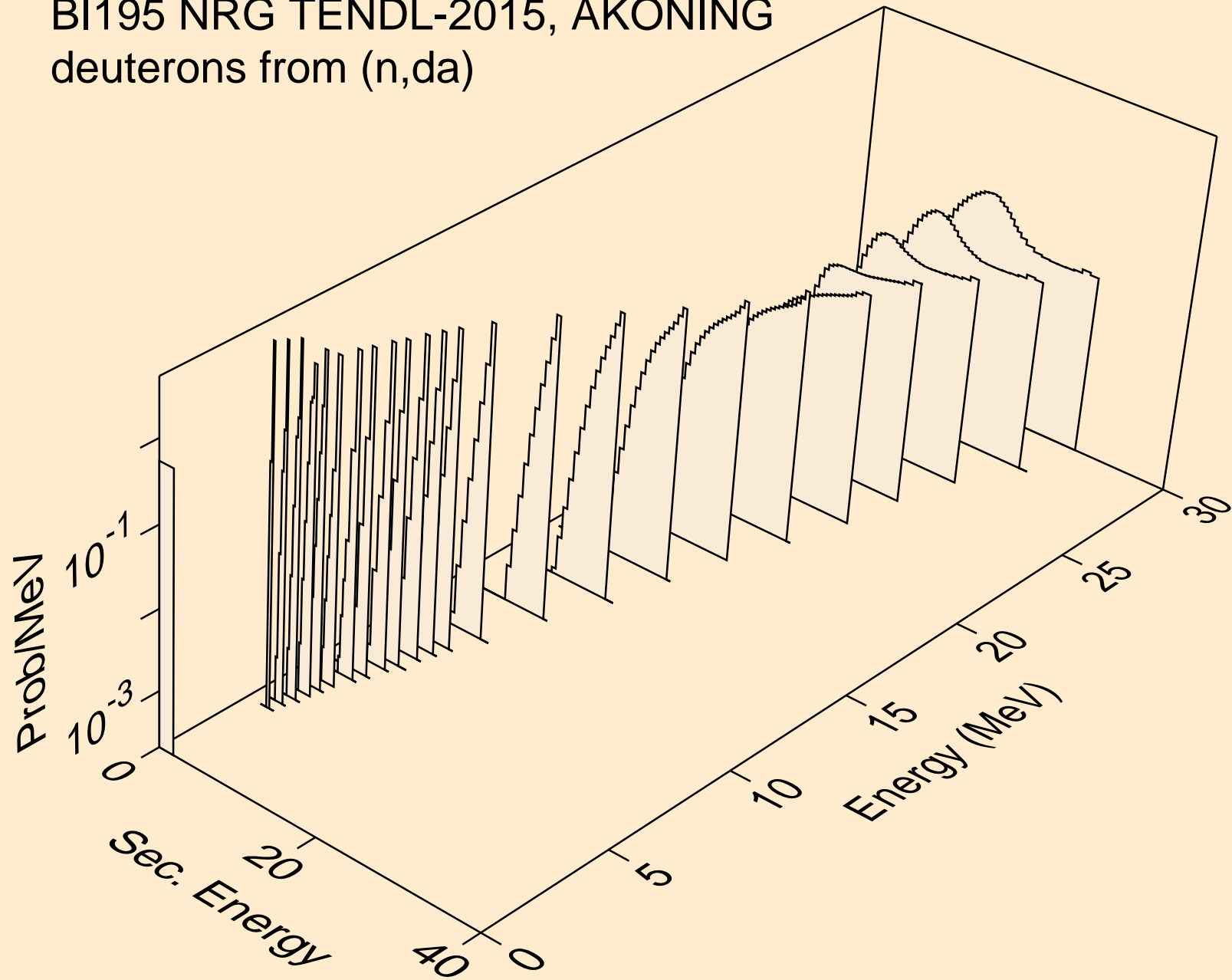
BI195 NRG TENDL-2015, AKONING  
deuterons from (n,d)



BI195 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

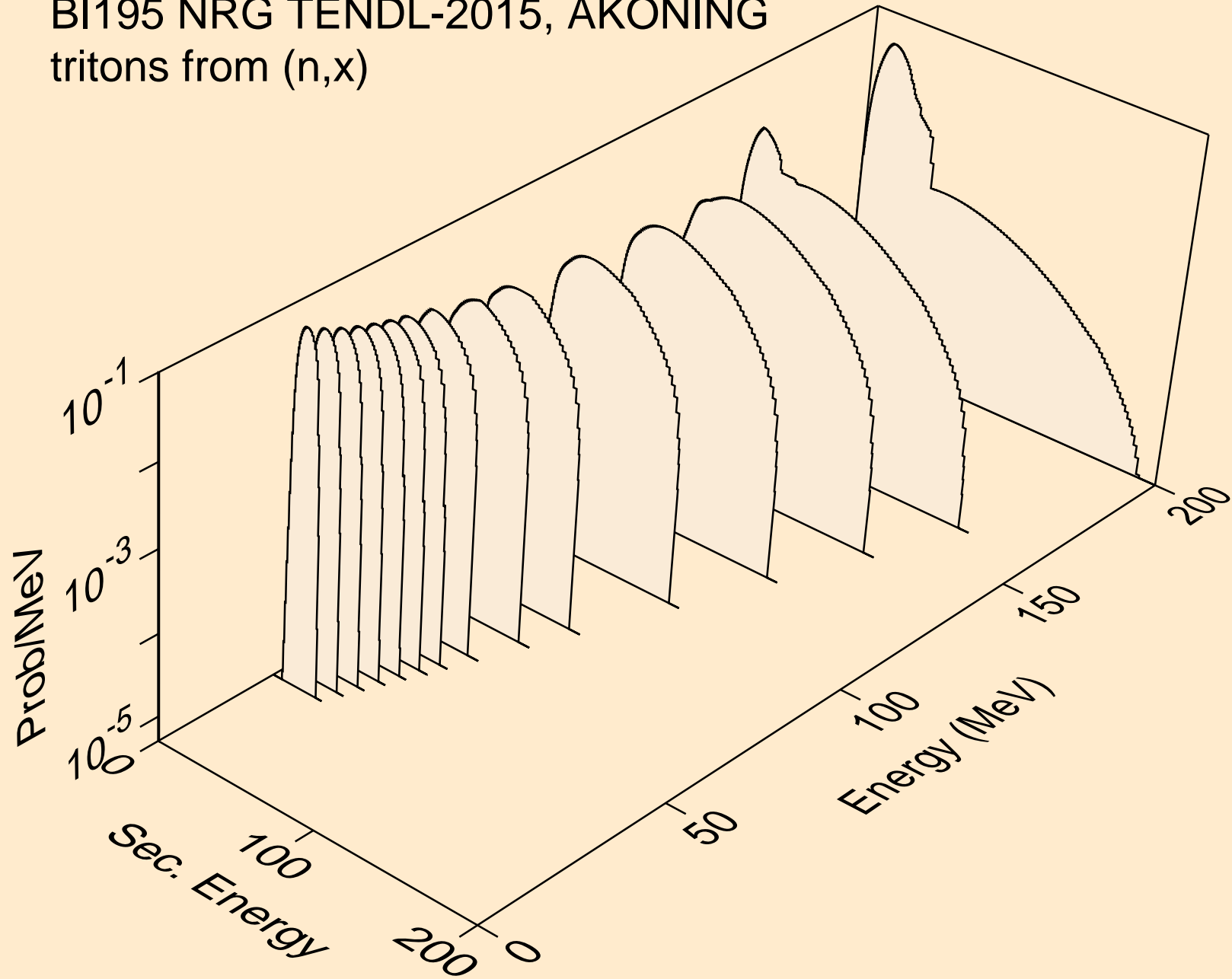


BI195 NRG TENDL-2015, AKONING  
deuterons from (n,da)

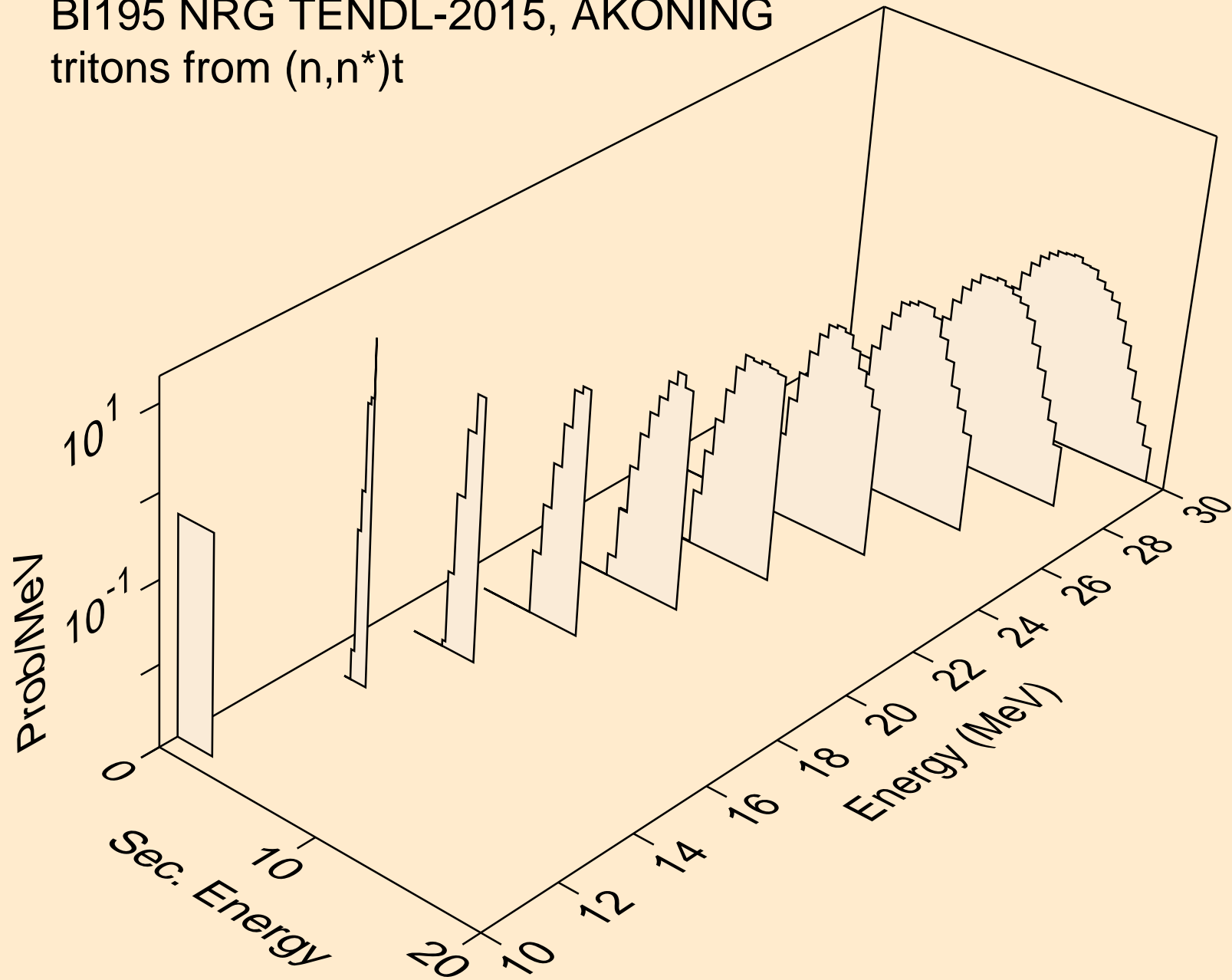




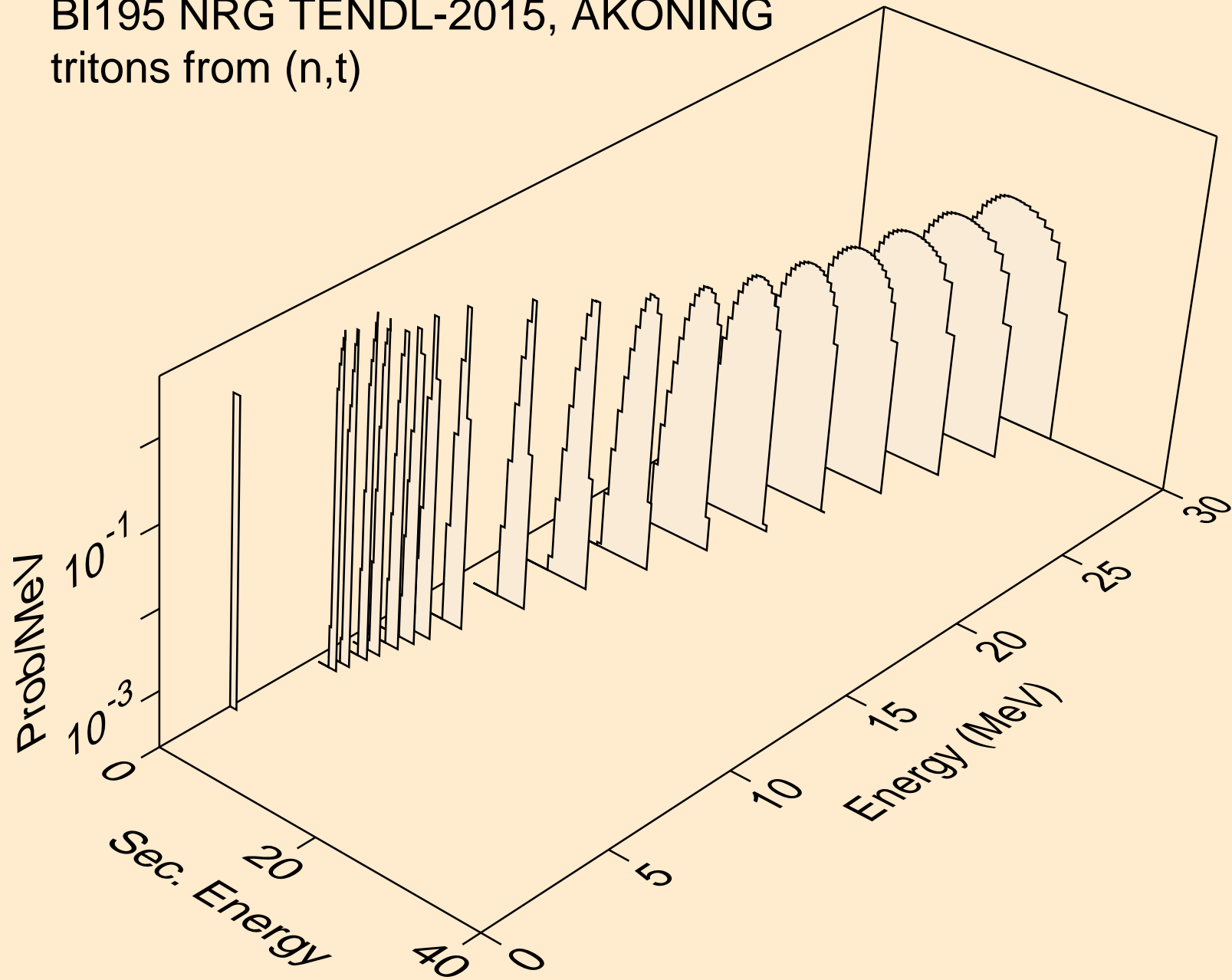
BI195 NRG TENDL-2015, AKONING  
tritons from (n,x)



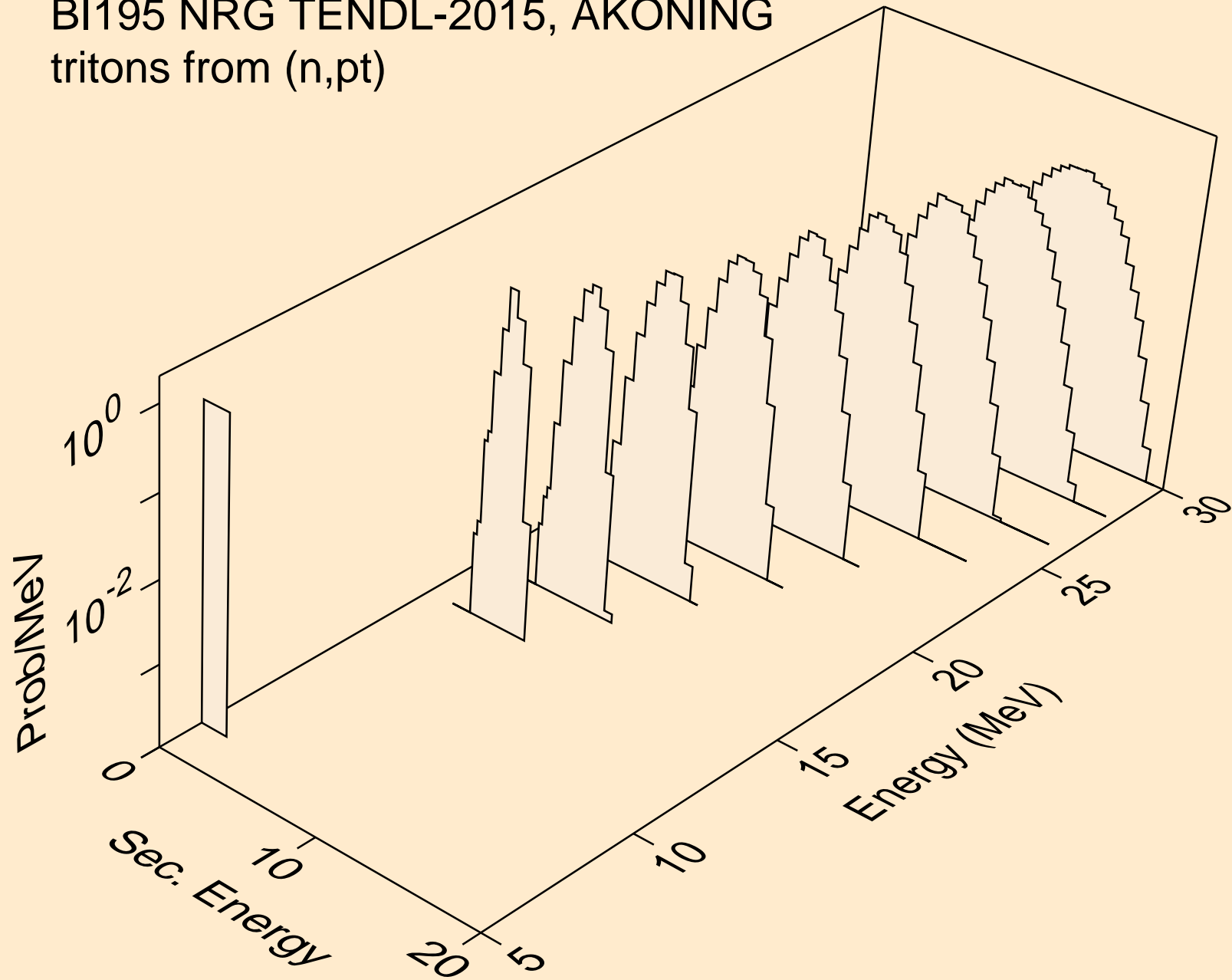
BI195 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



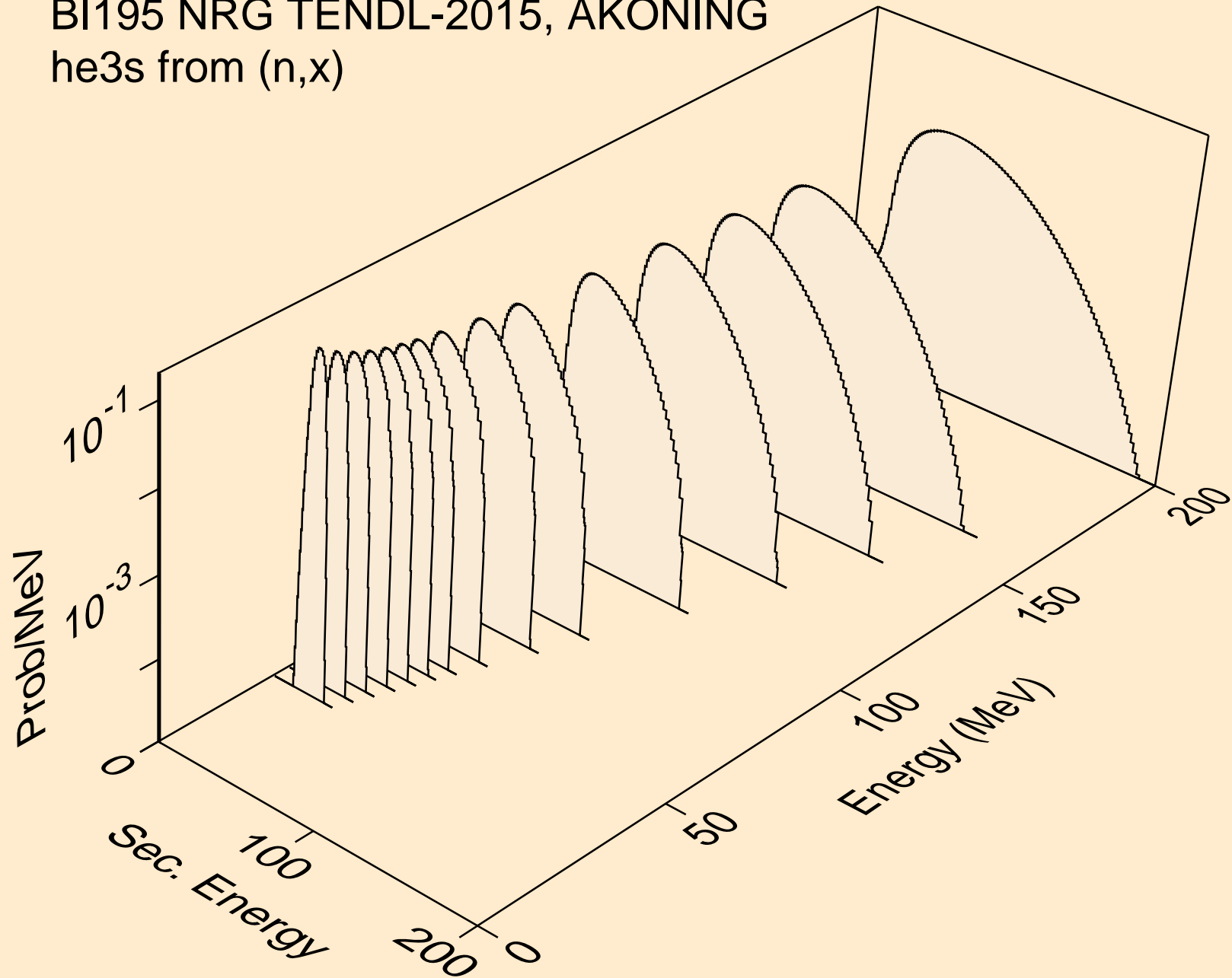
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tritons from (n,t)



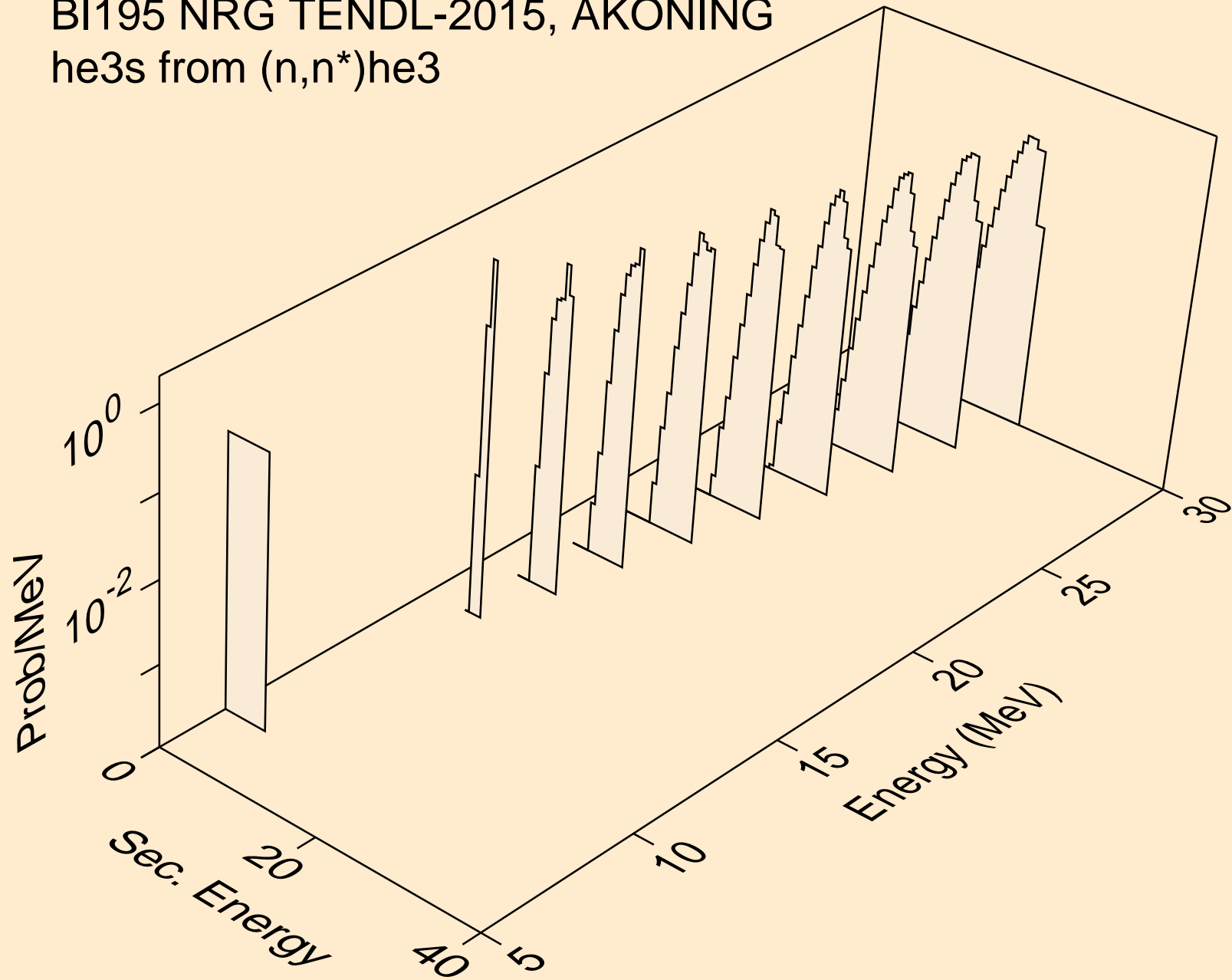
BI195 NRG TENDL-2015, AKONING  
tritons from (n,pt)



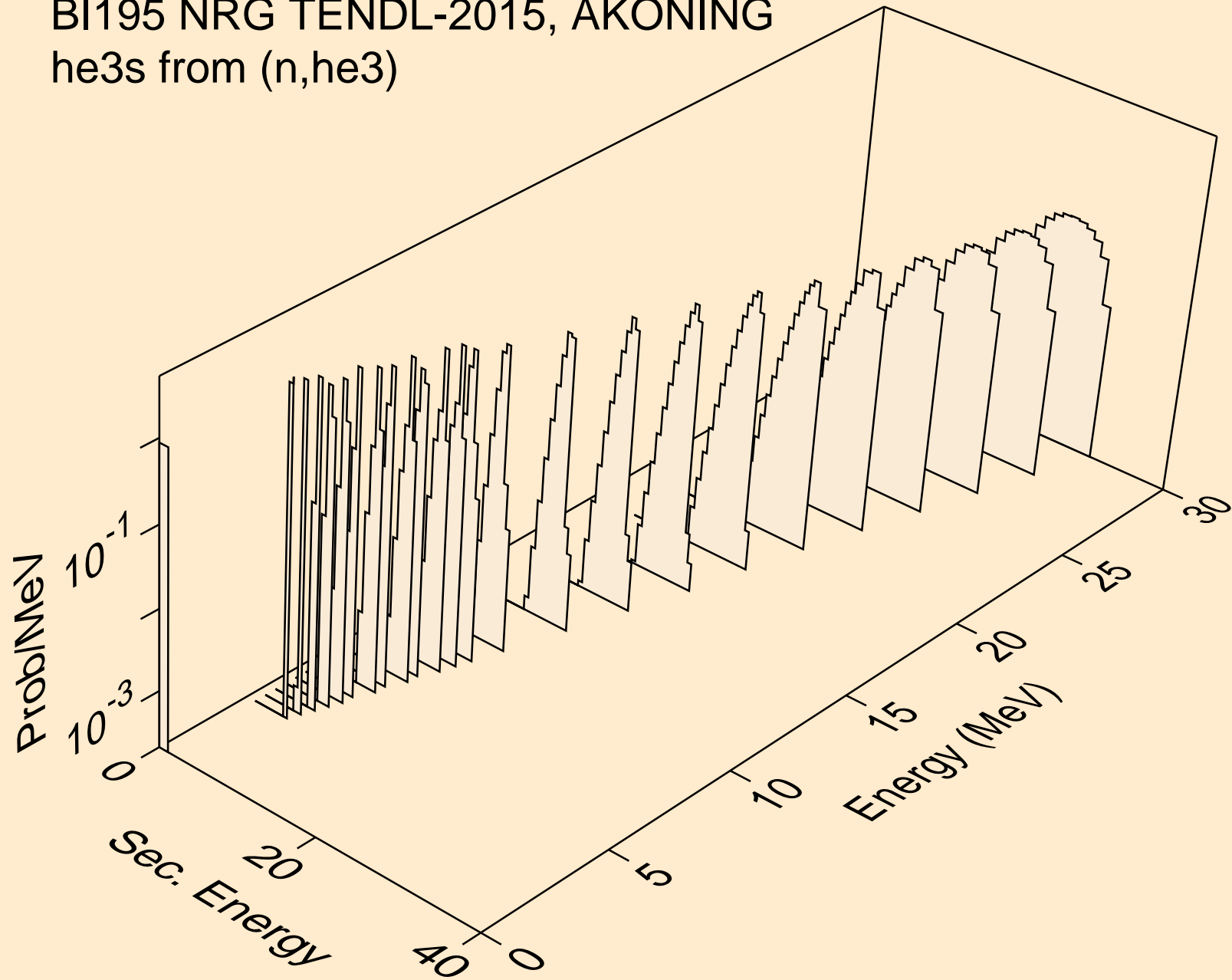
BI195 NRG TENDL-2015, AKONING  
he3s from (n,x)



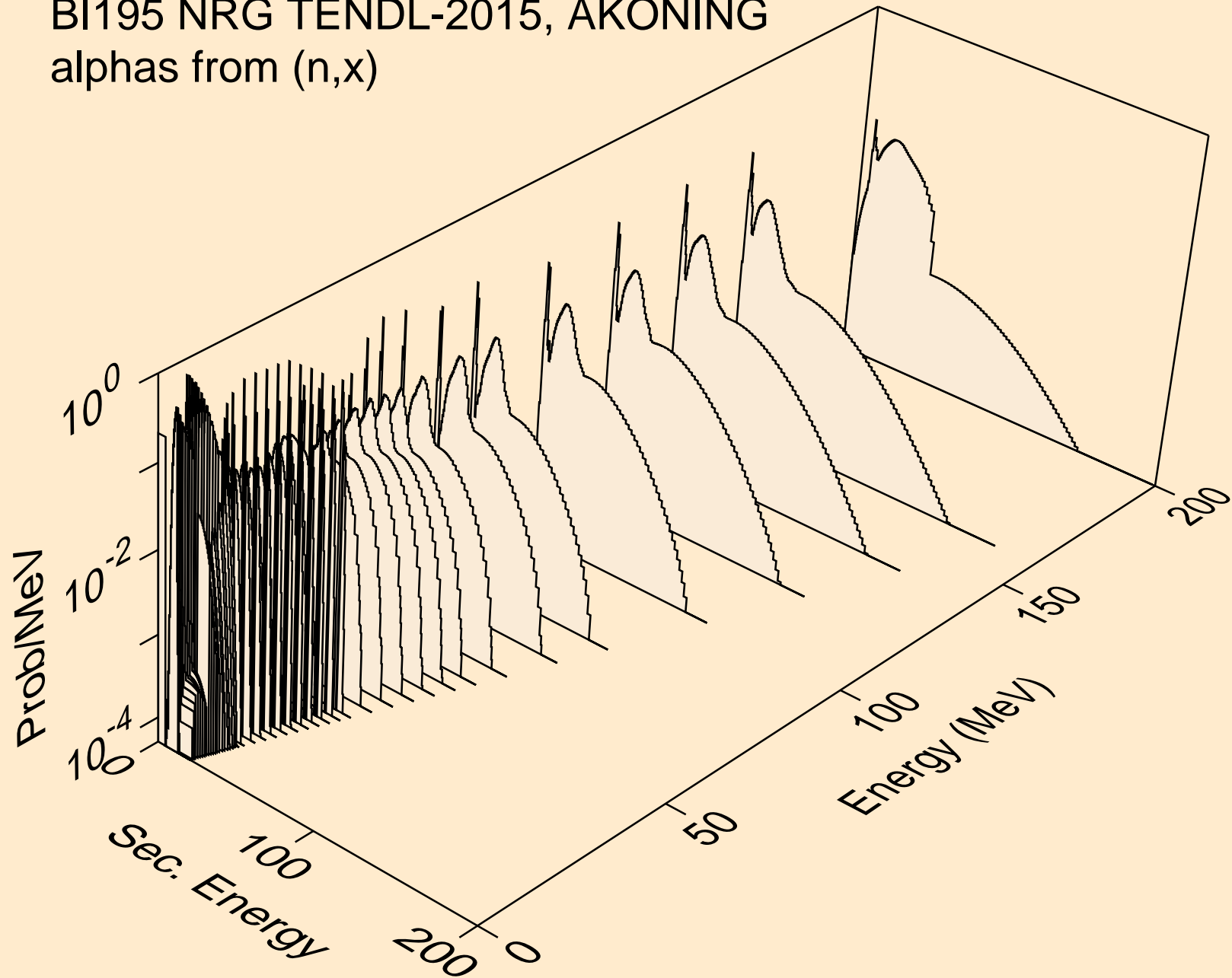
BI195 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



BI195 NRG TENDL-2015, AKONING  
he3s from (n,he3)

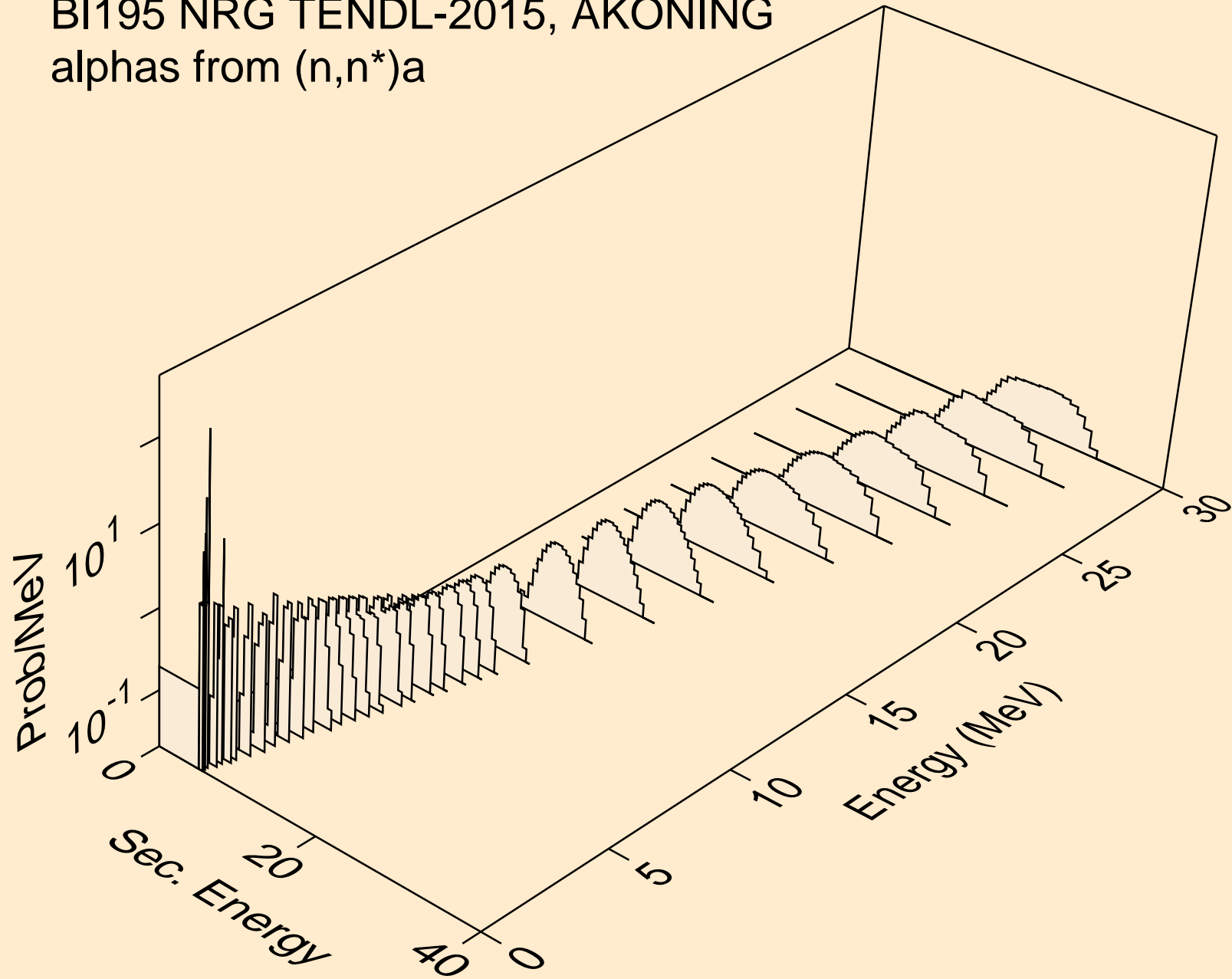


BI195 NRG TENDL-2015, AKONING  
alphas from (n,x)

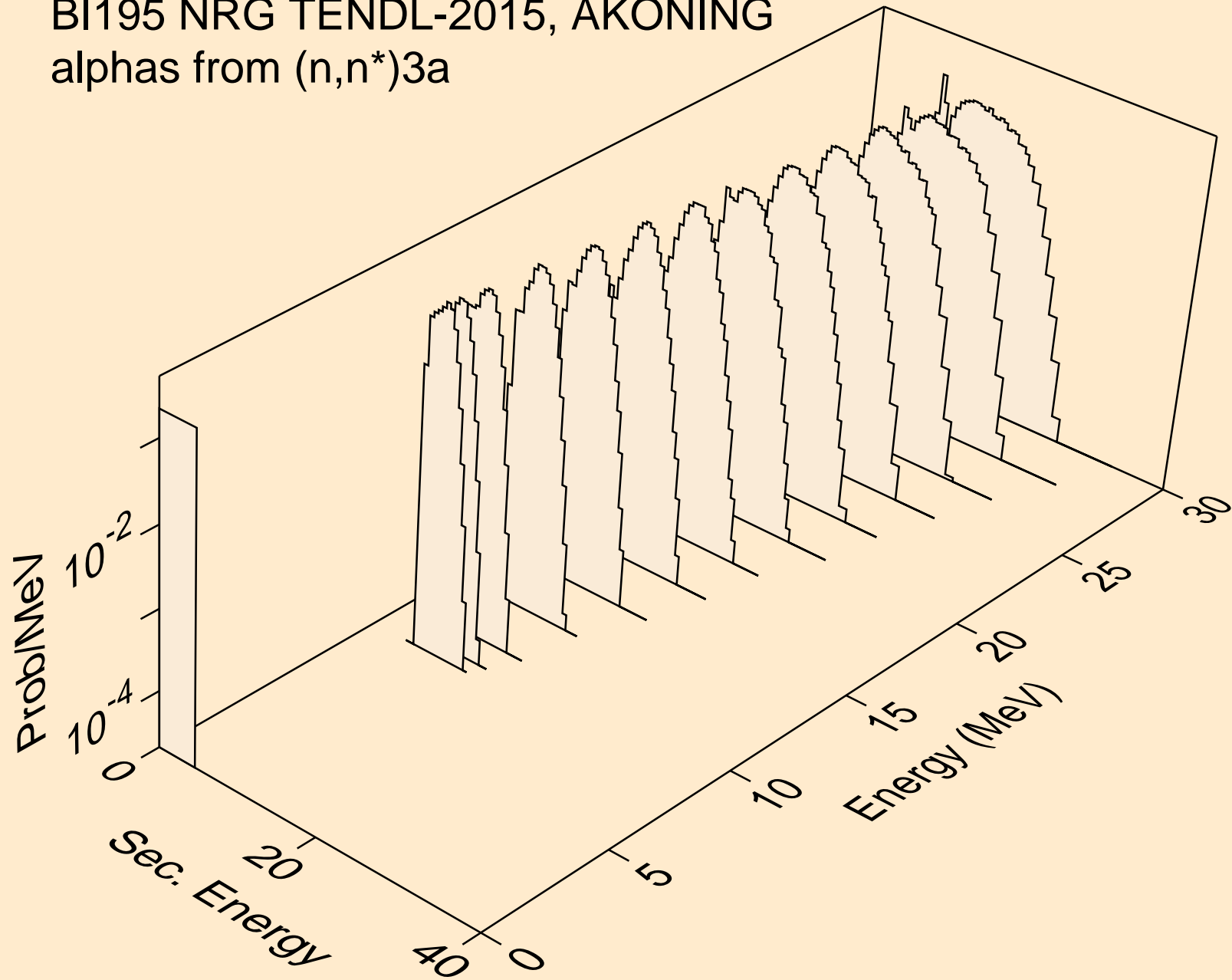




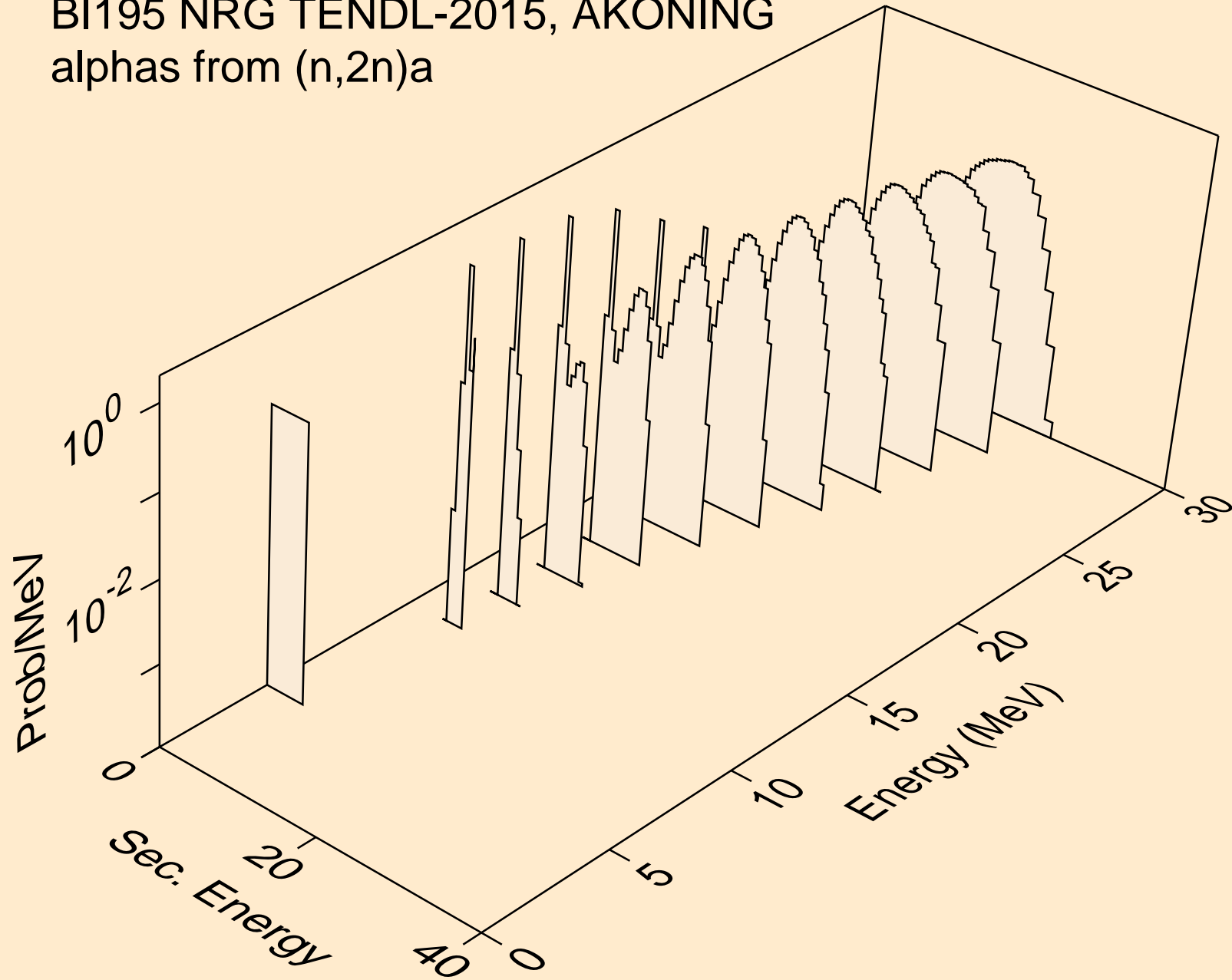
BI195 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



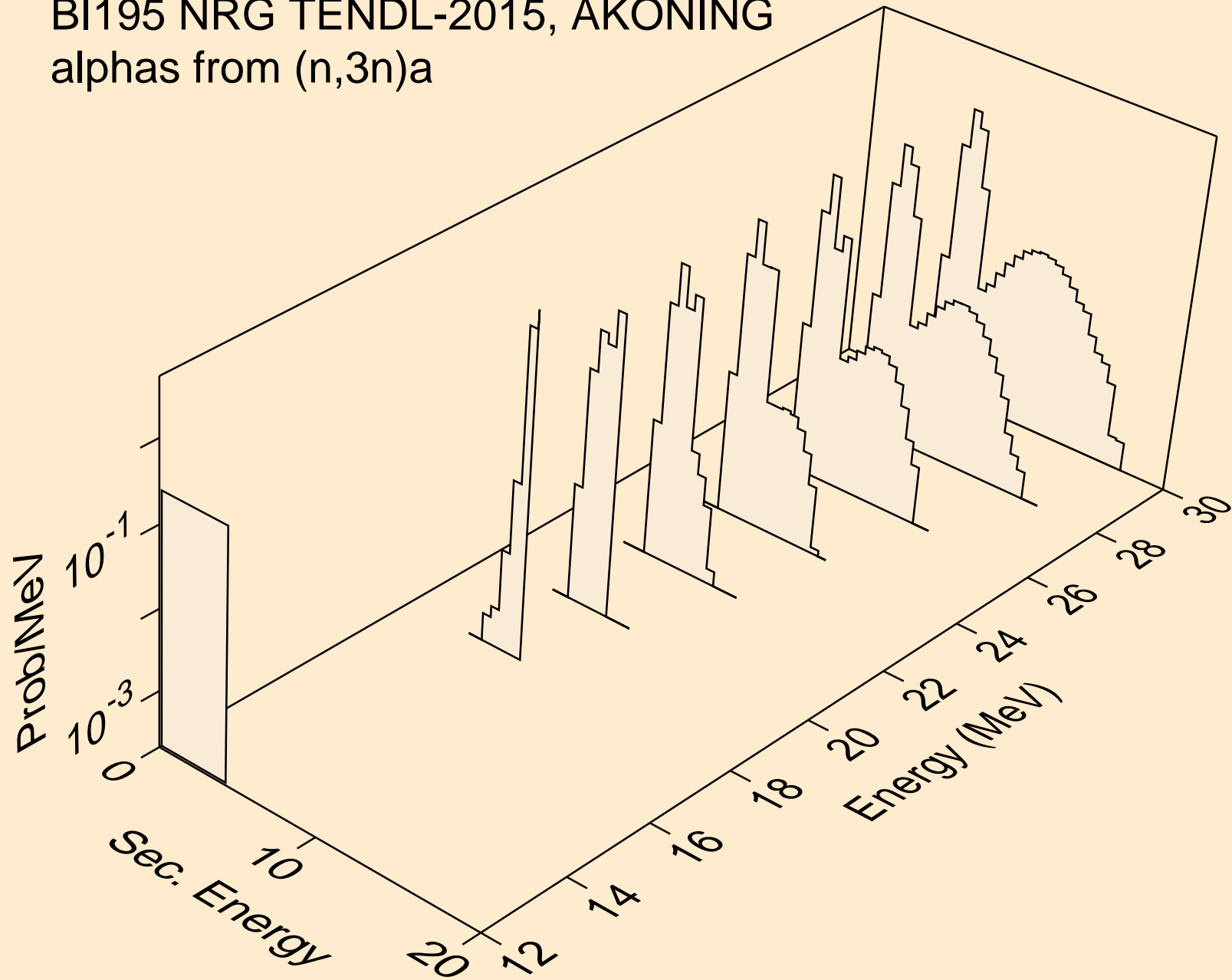
BI195 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



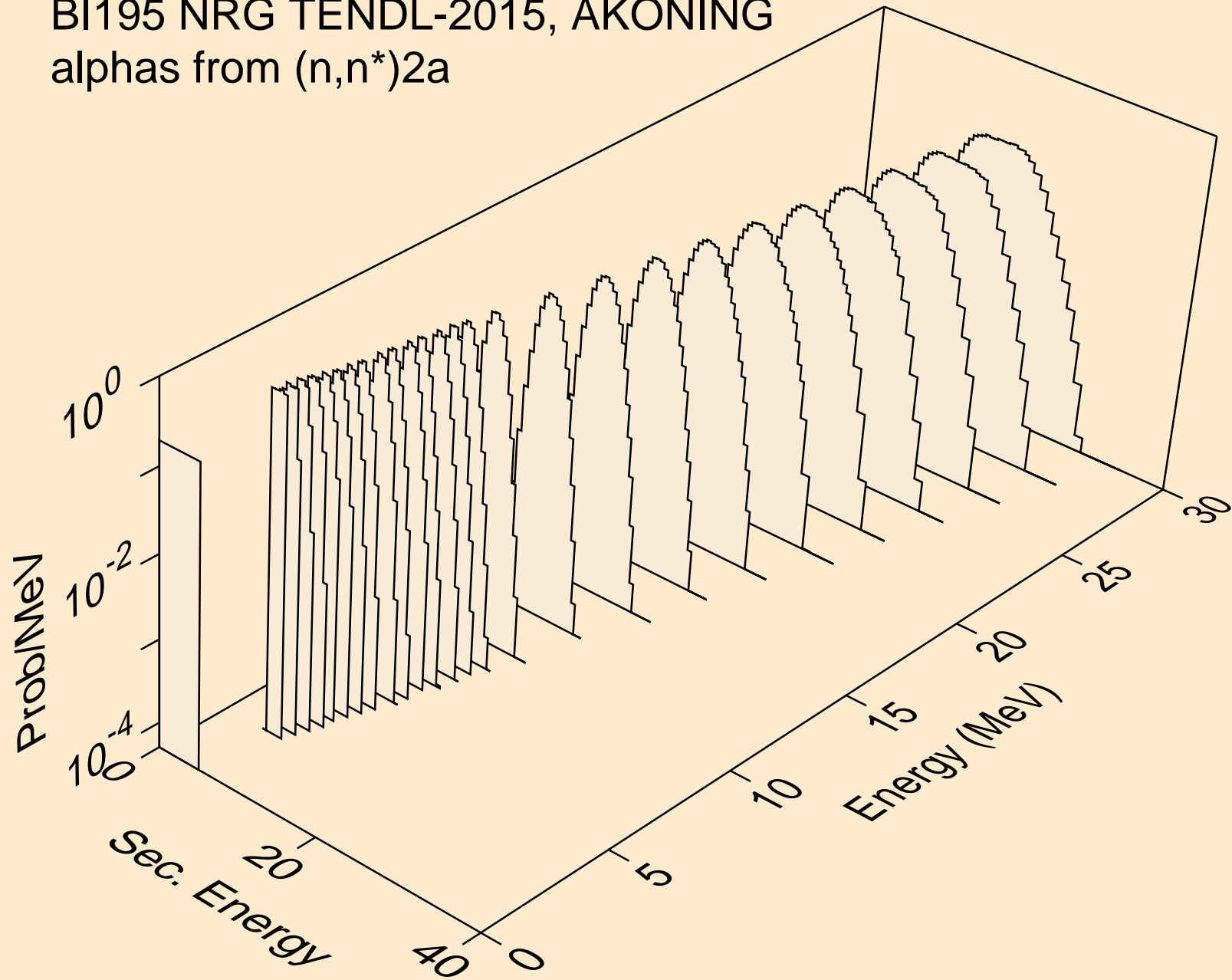
BI195 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



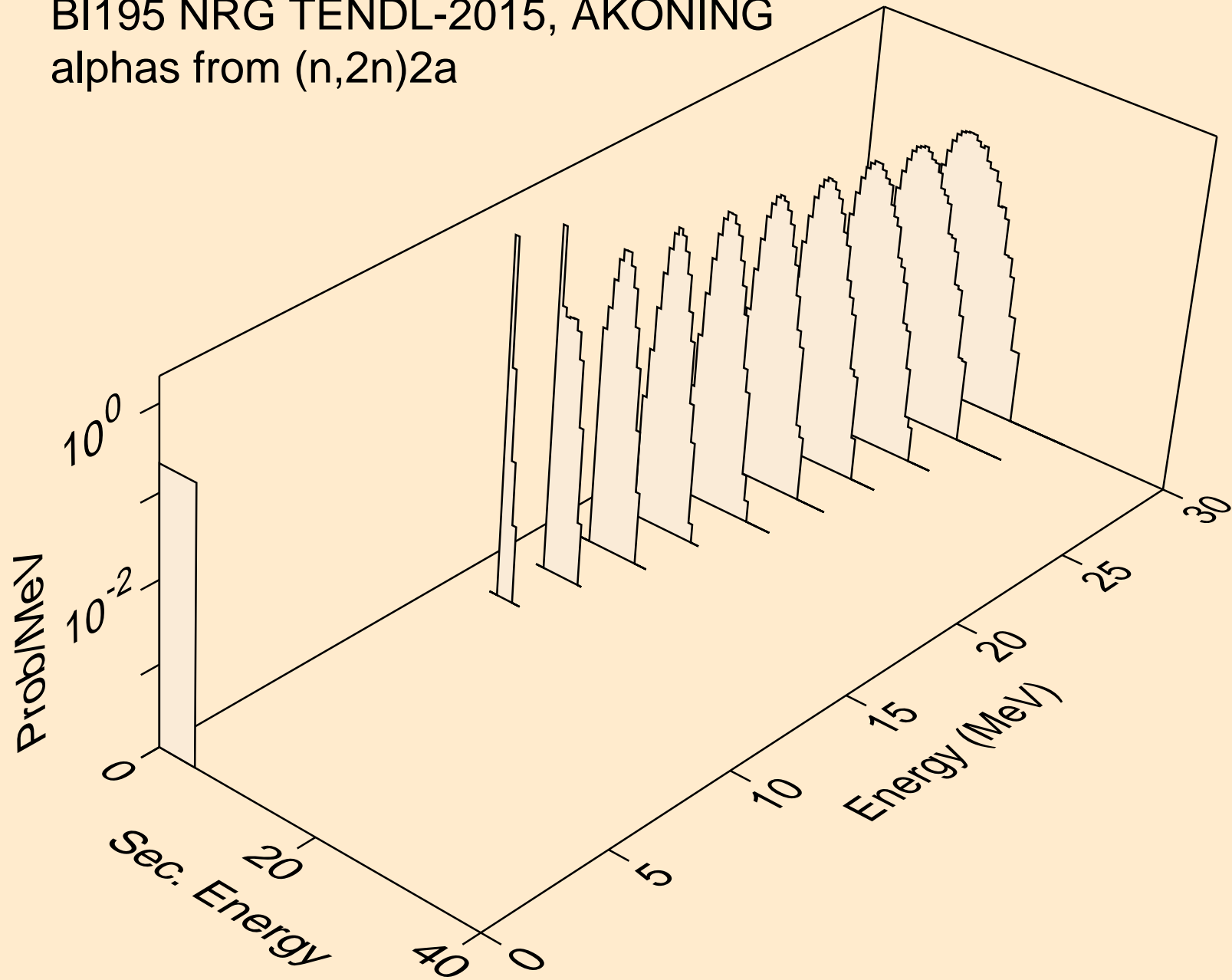
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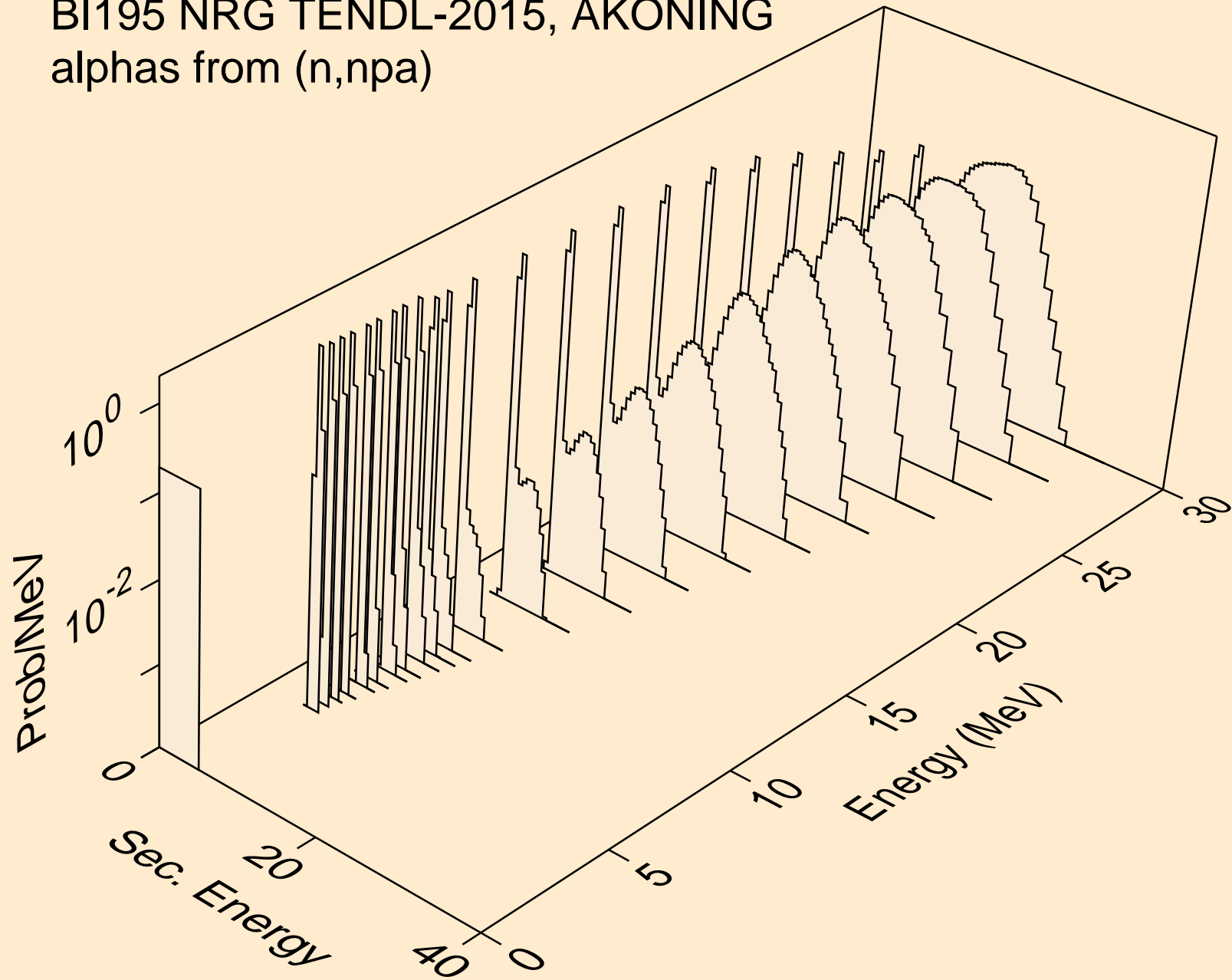
BI195 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



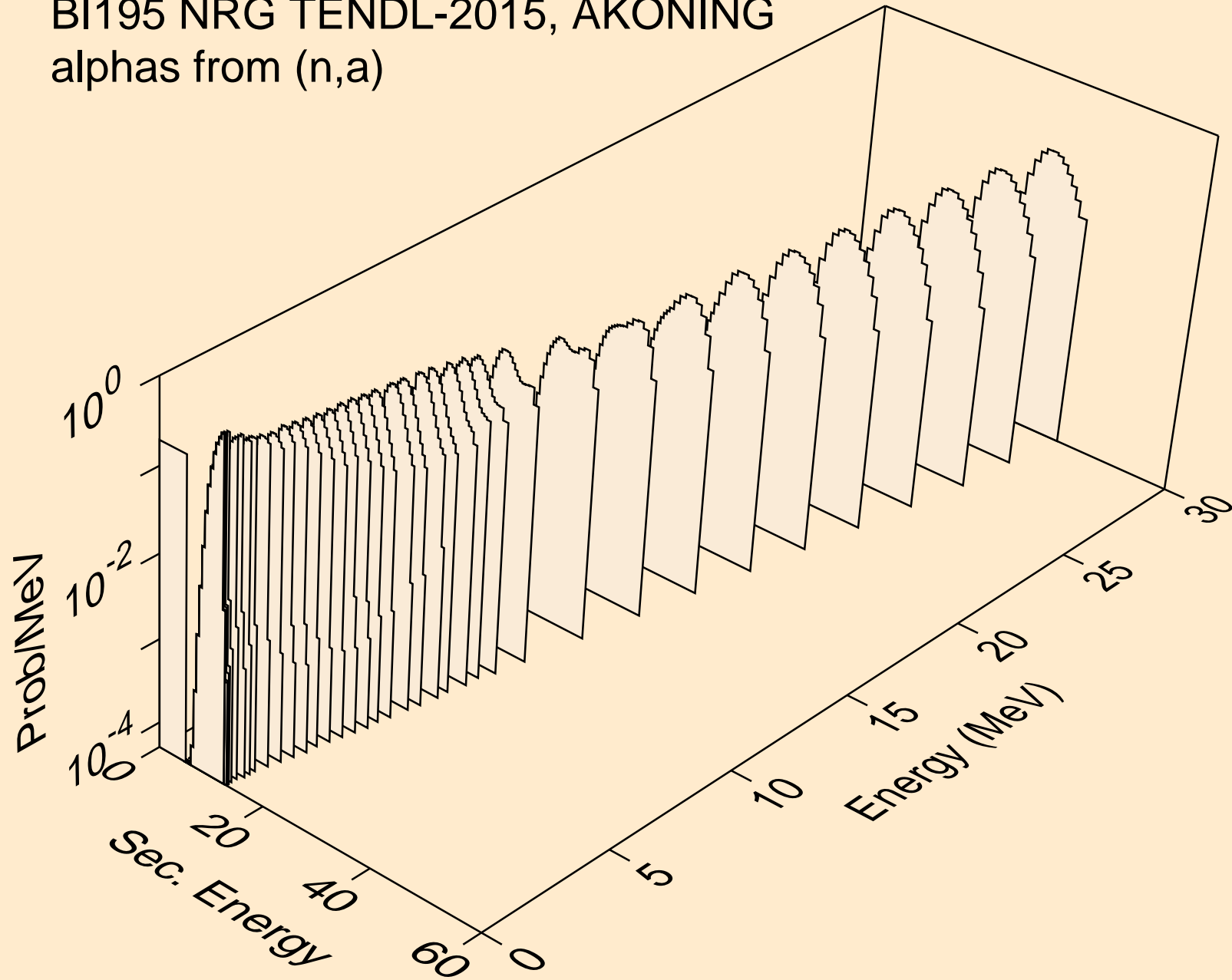
BI195 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



BI195 NRG TENDL-2015, AKONING  
alphas from (n,npa)

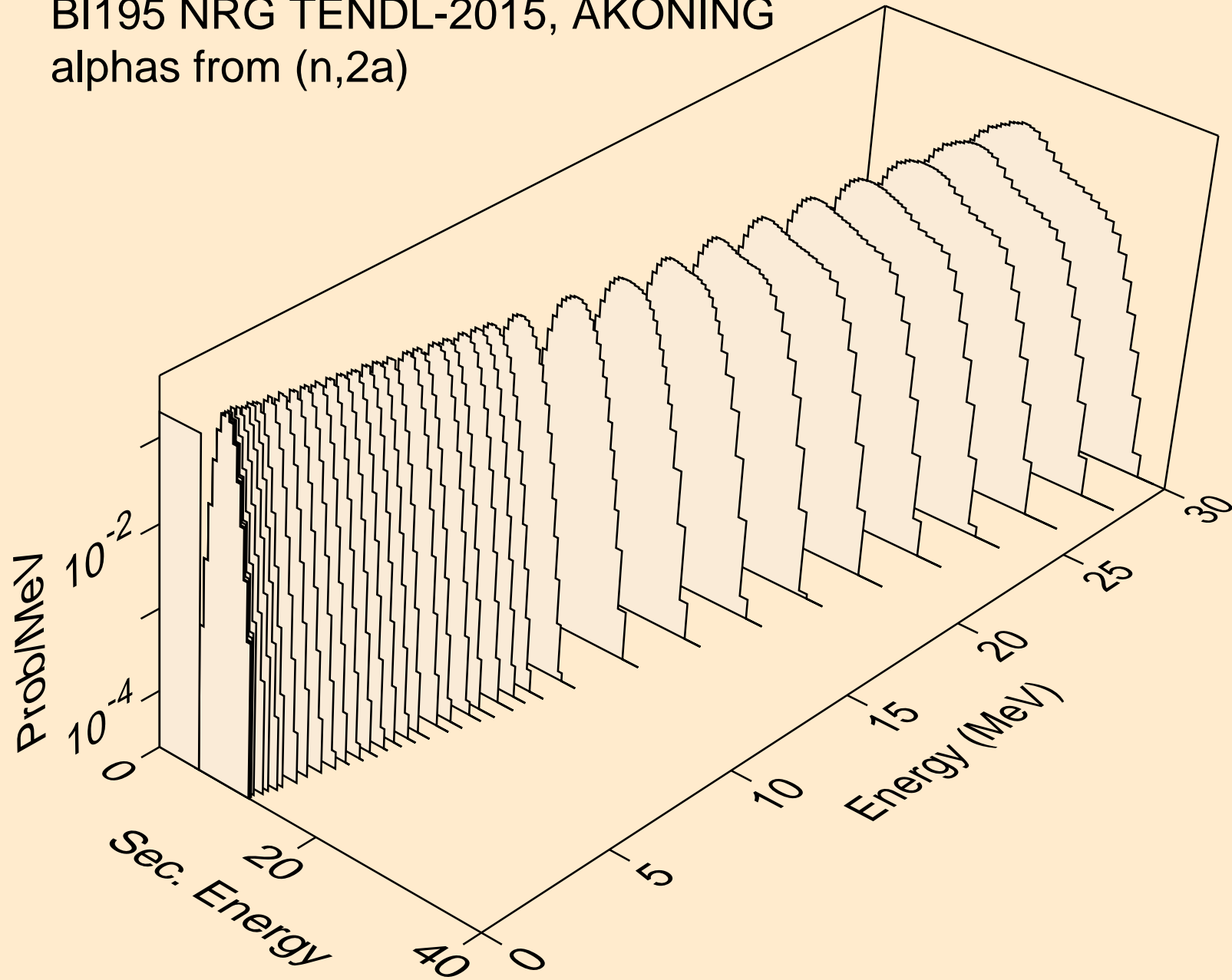


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alphas from (n,a)

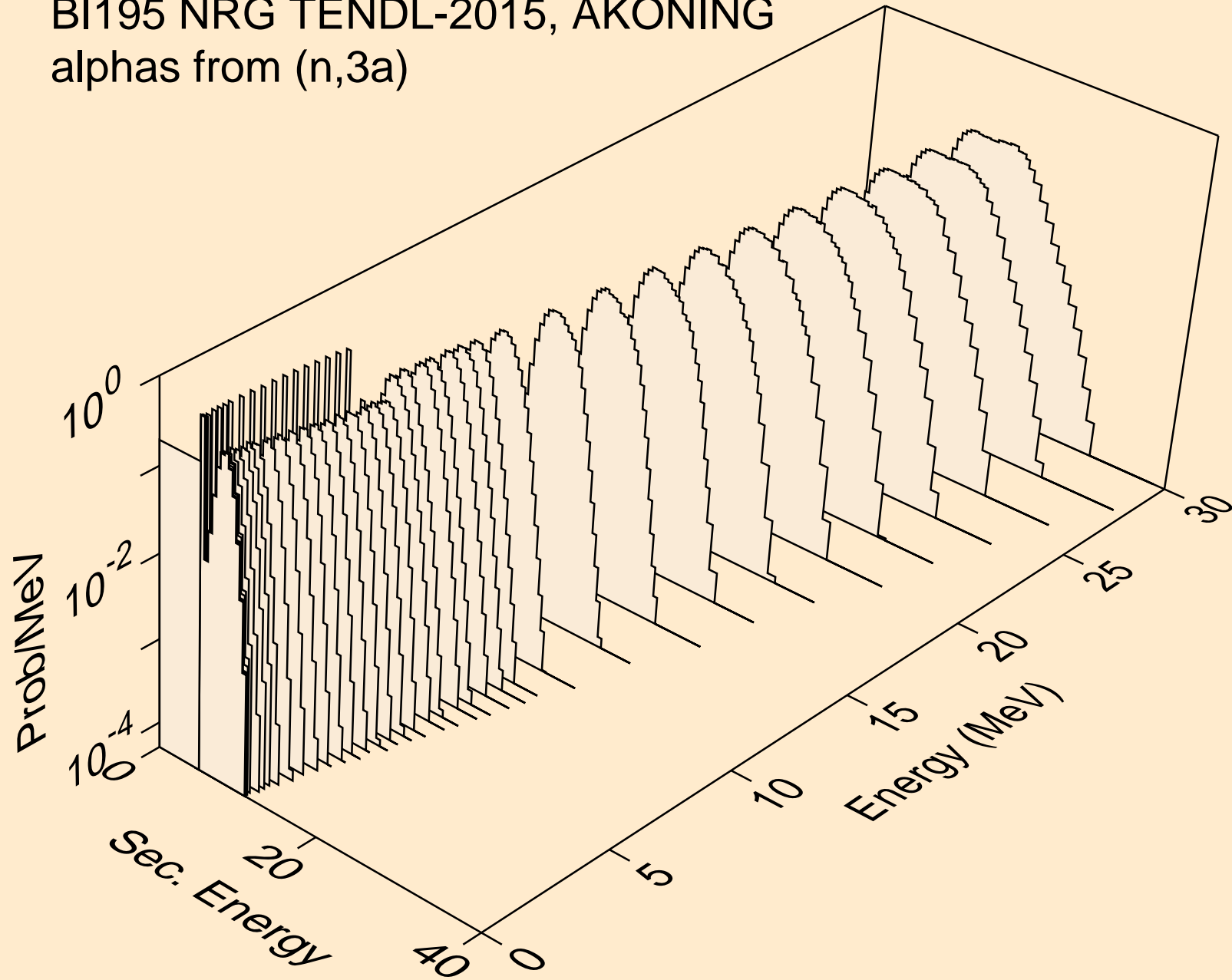




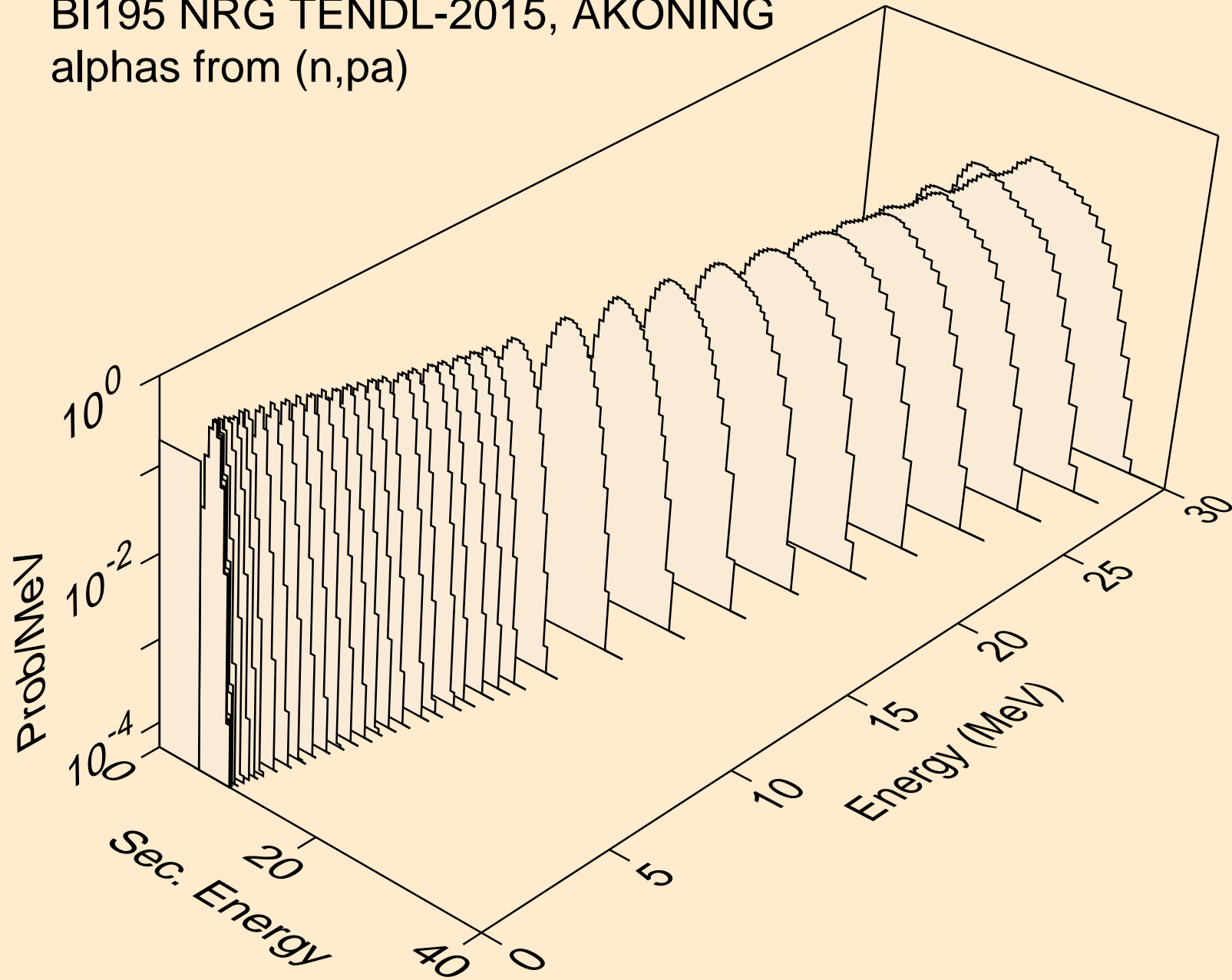
BI195 NRG TENDL-2015, AKONING  
alphas from (n,2a)



BI195 NRG TENDL-2015, AKONING  
alphas from (n,3a)



BI195 NRG TENDL-2015, AKONING  
alphas from (n,pa)



BI195 NRG TENDL-2015, AKONING  
alphas from (n,da)

