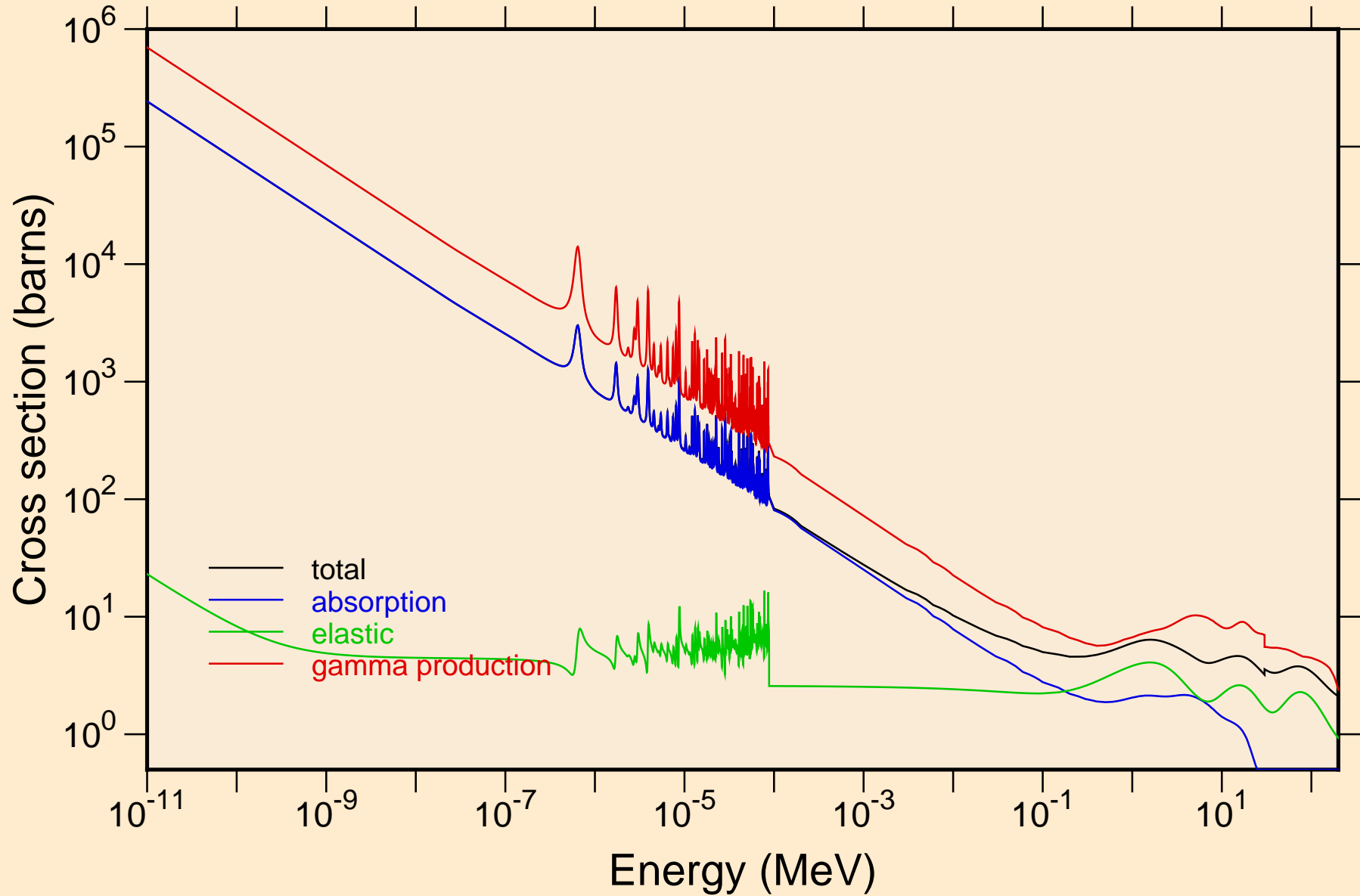
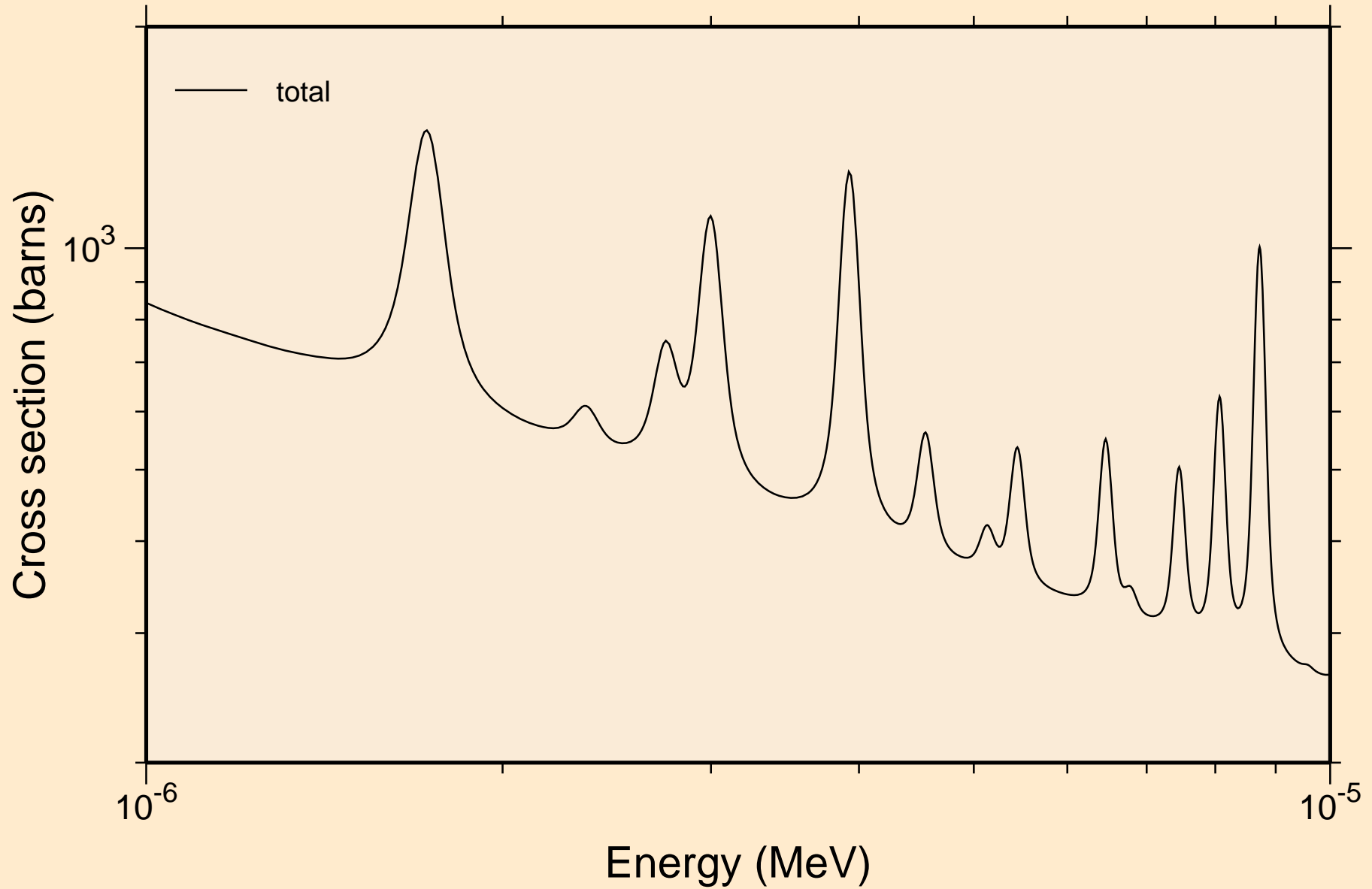


# PR127 NRG TENDL-2015, AKONING

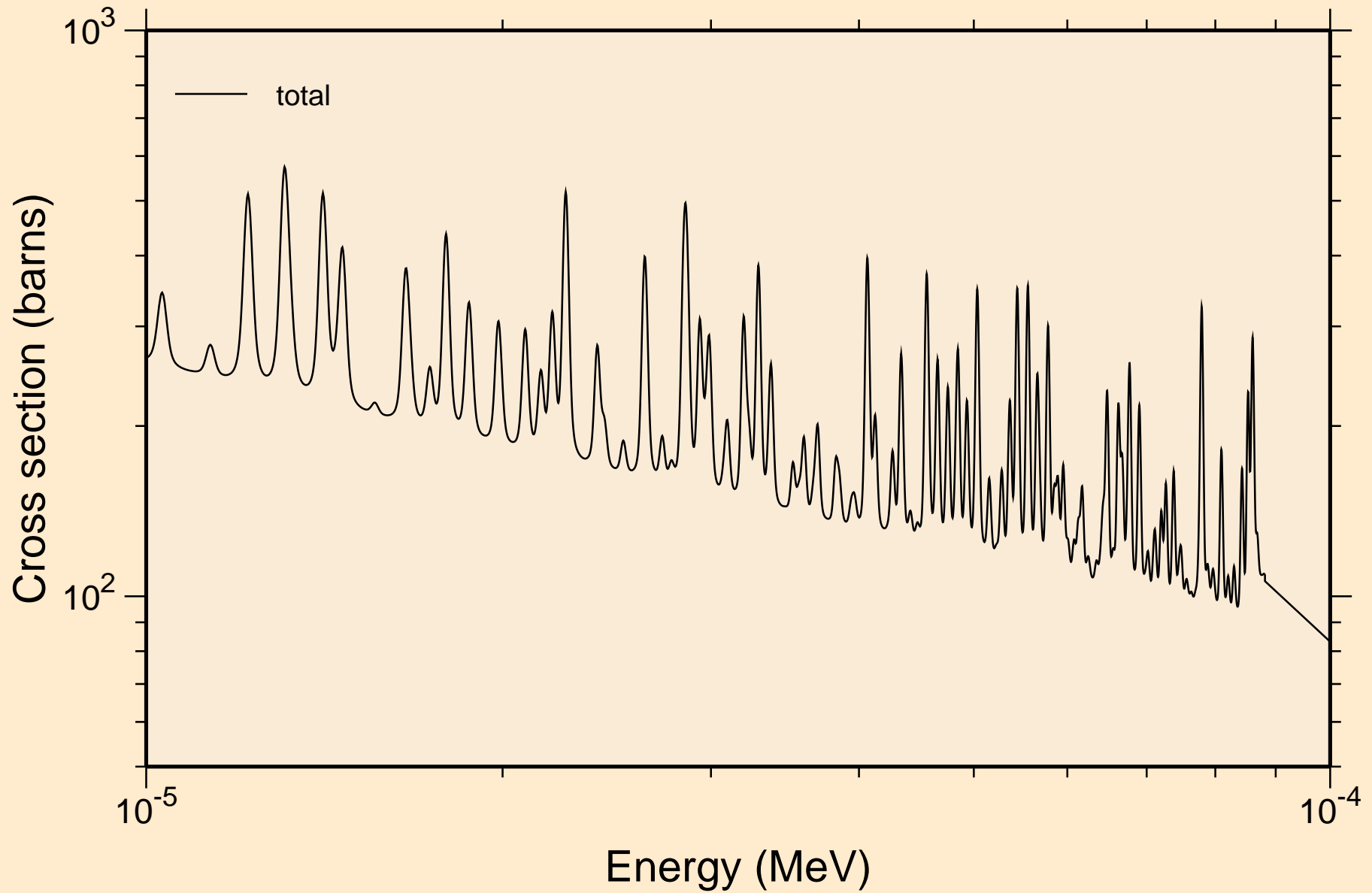
## Principal cross sections



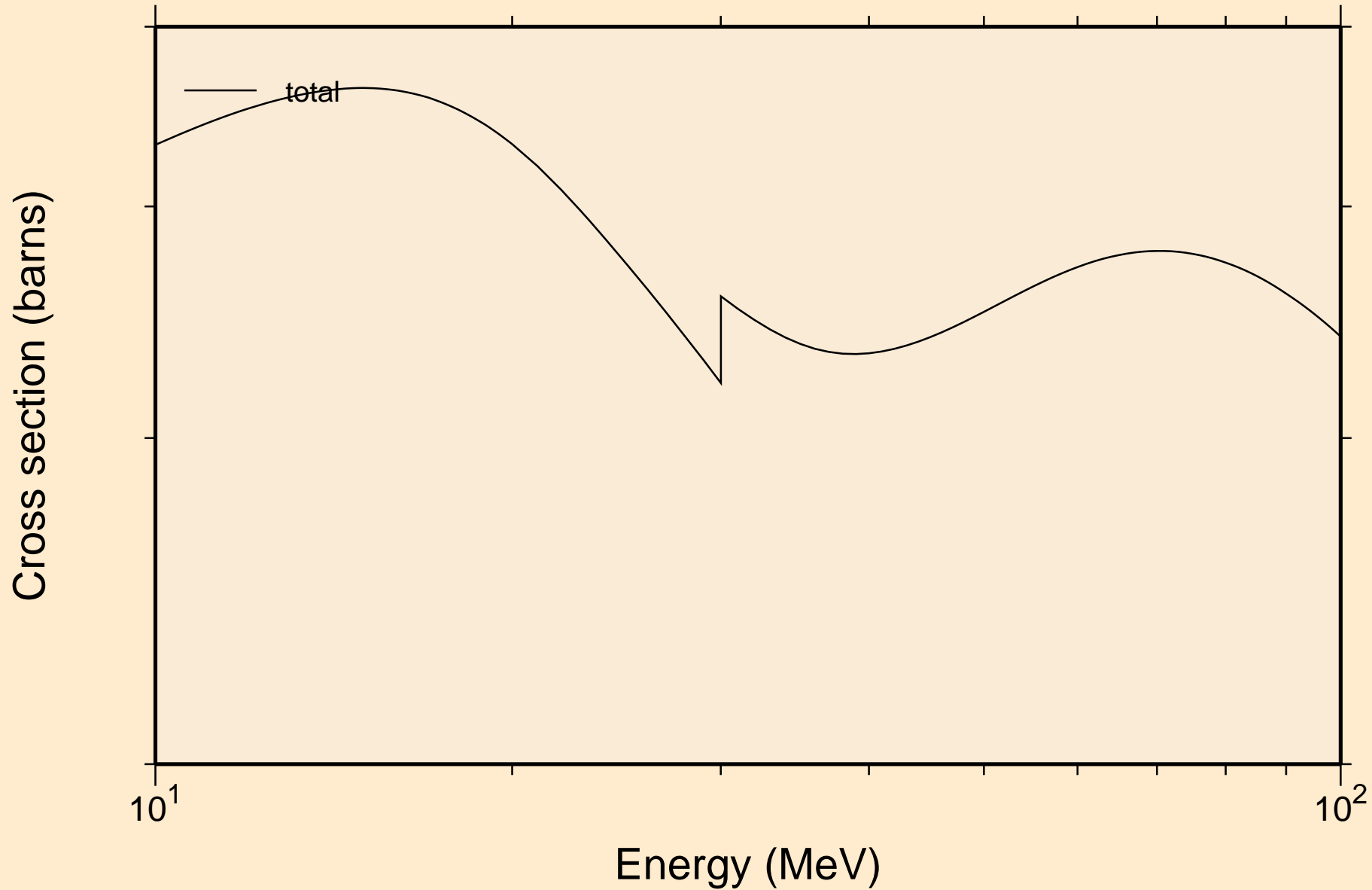
PR127 NRG TENDL-2015, AKONING  
resonance total cross section



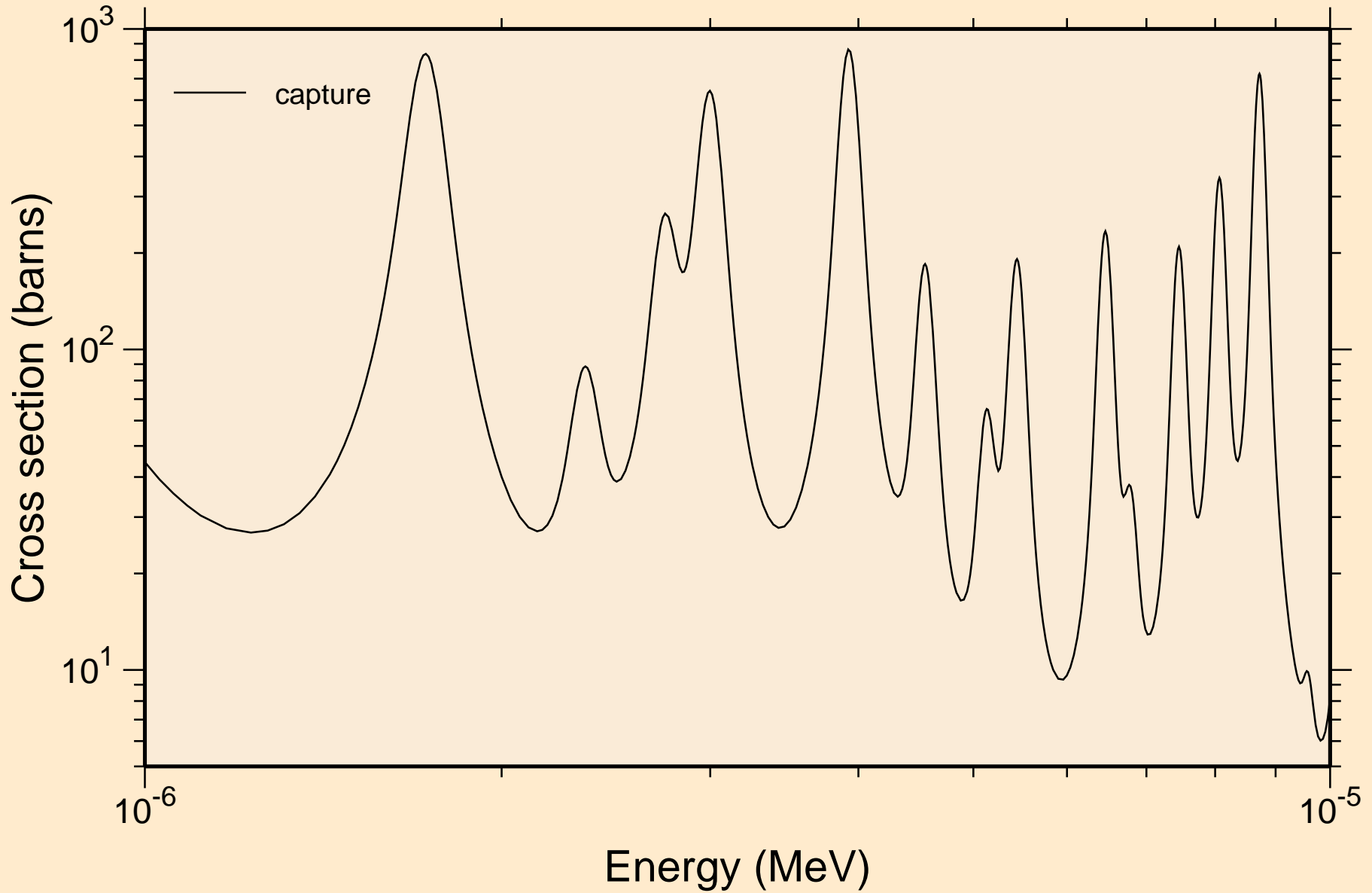
PR127 NRG TENDL-2015, AKONING  
resonance total cross section



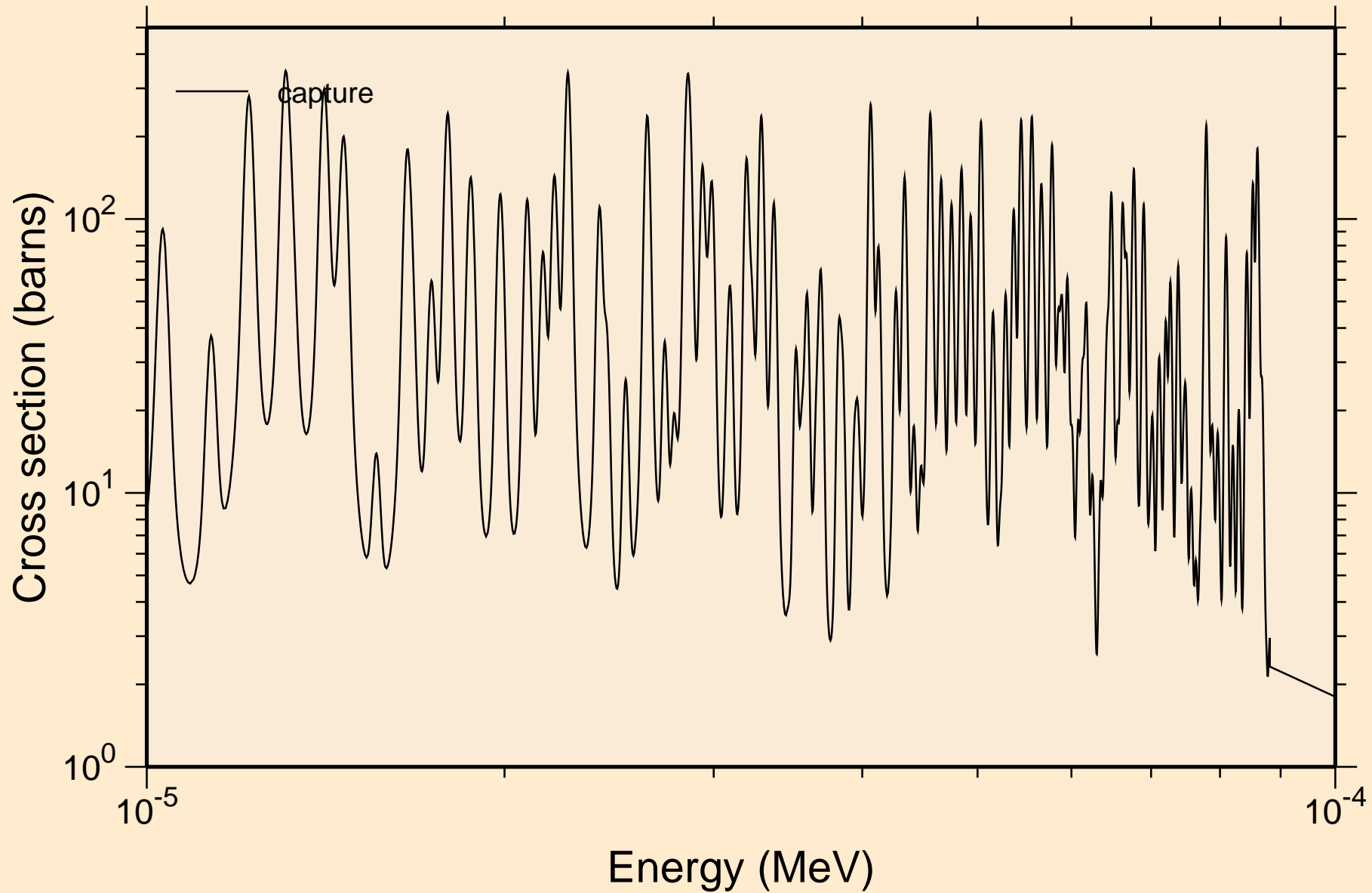
PR127 NRG TENDL-2015, AKONING  
resonance total cross section



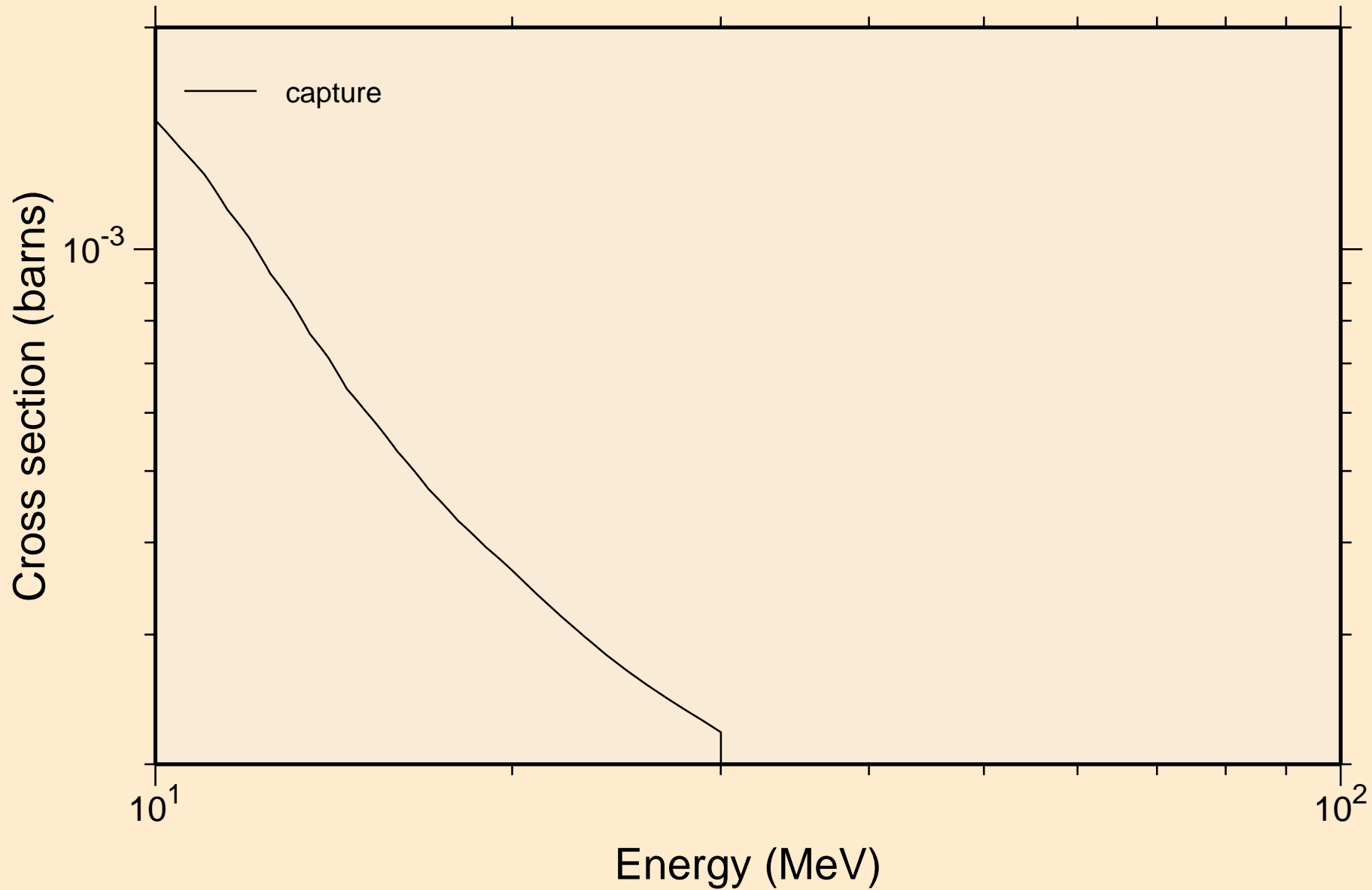
PR127 NRG TENDL-2015, AKONING  
resonance absorption cross sections



PR127 NRG TENDL-2015, AKONING  
resonance absorption cross sections

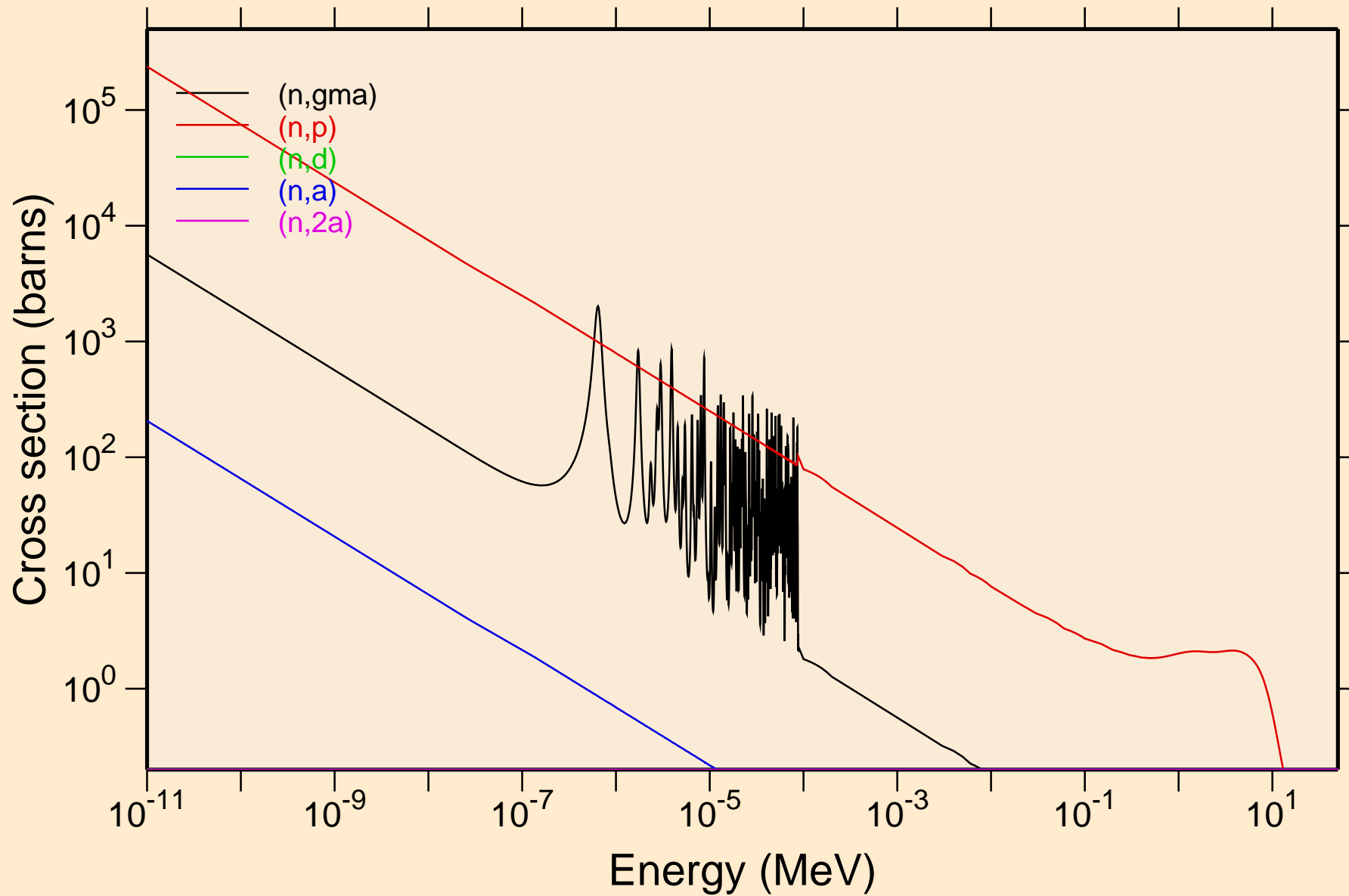


PR127 NRG TENDL-2015, AKONING  
resonance absorption cross sections



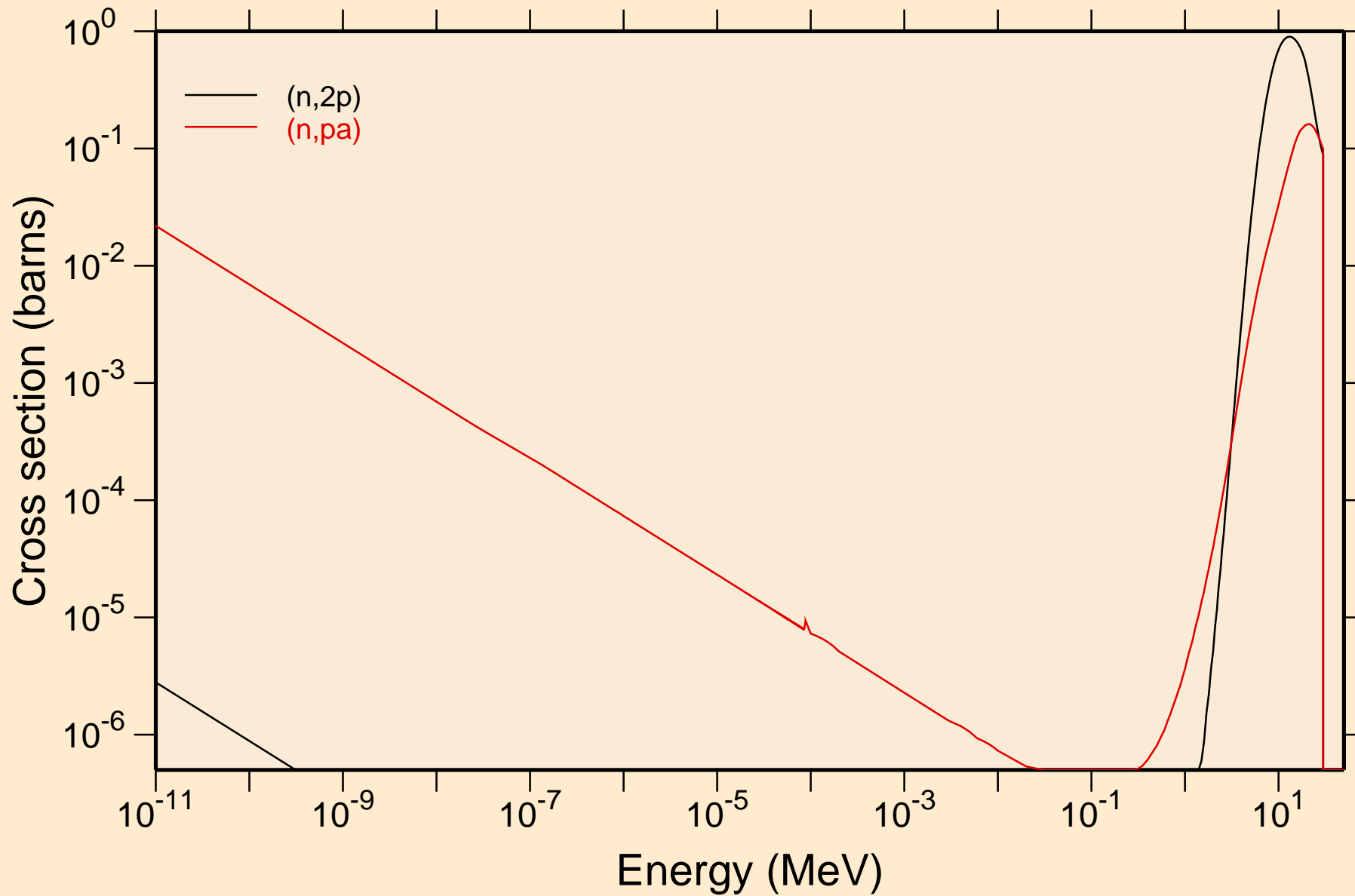
# PR127 NRG TENDL-2015, AKONING

## Non-threshold reactions



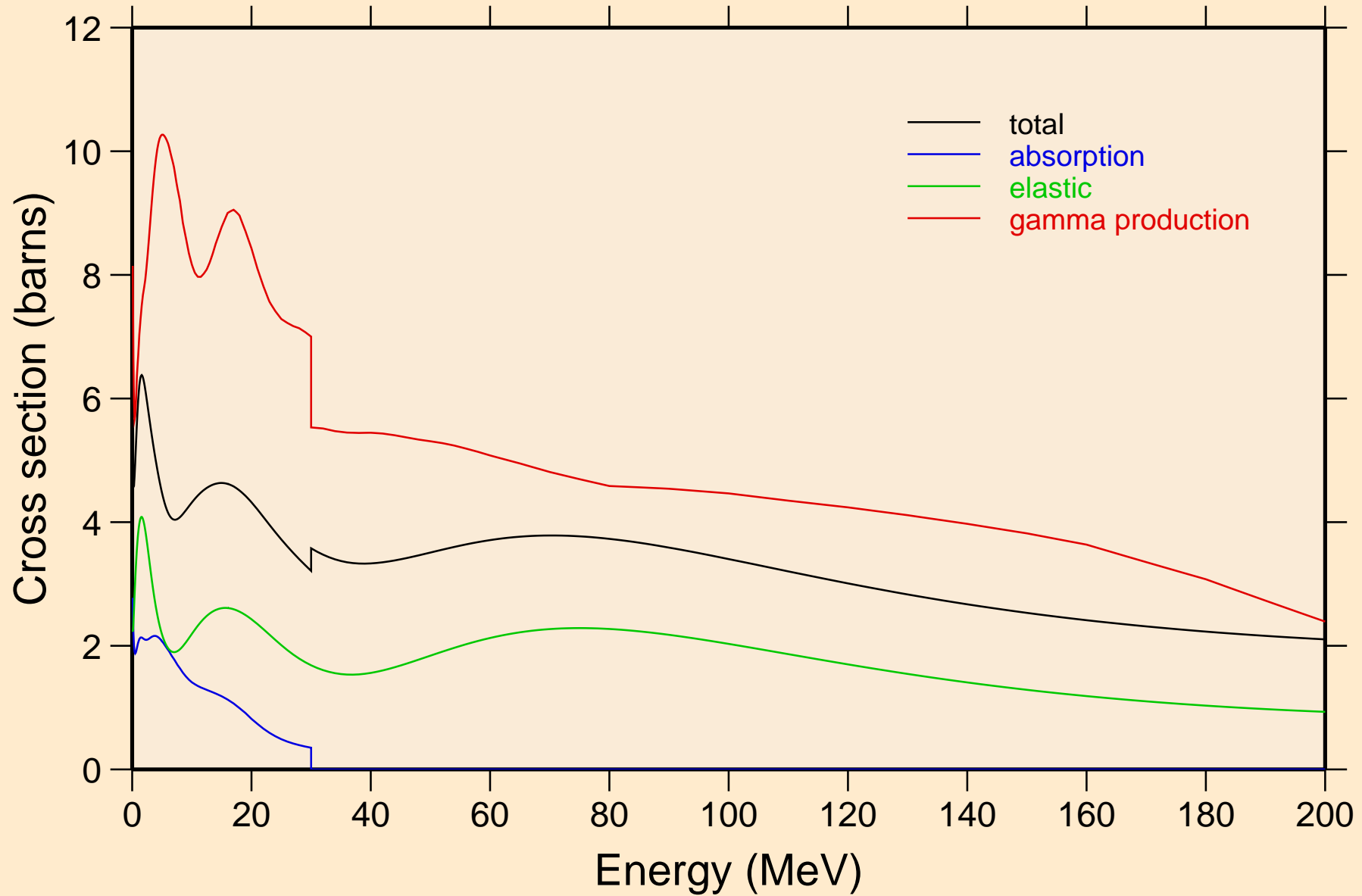


PR127 NRG TENDL-2015, AKONING  
Non-threshold reactions



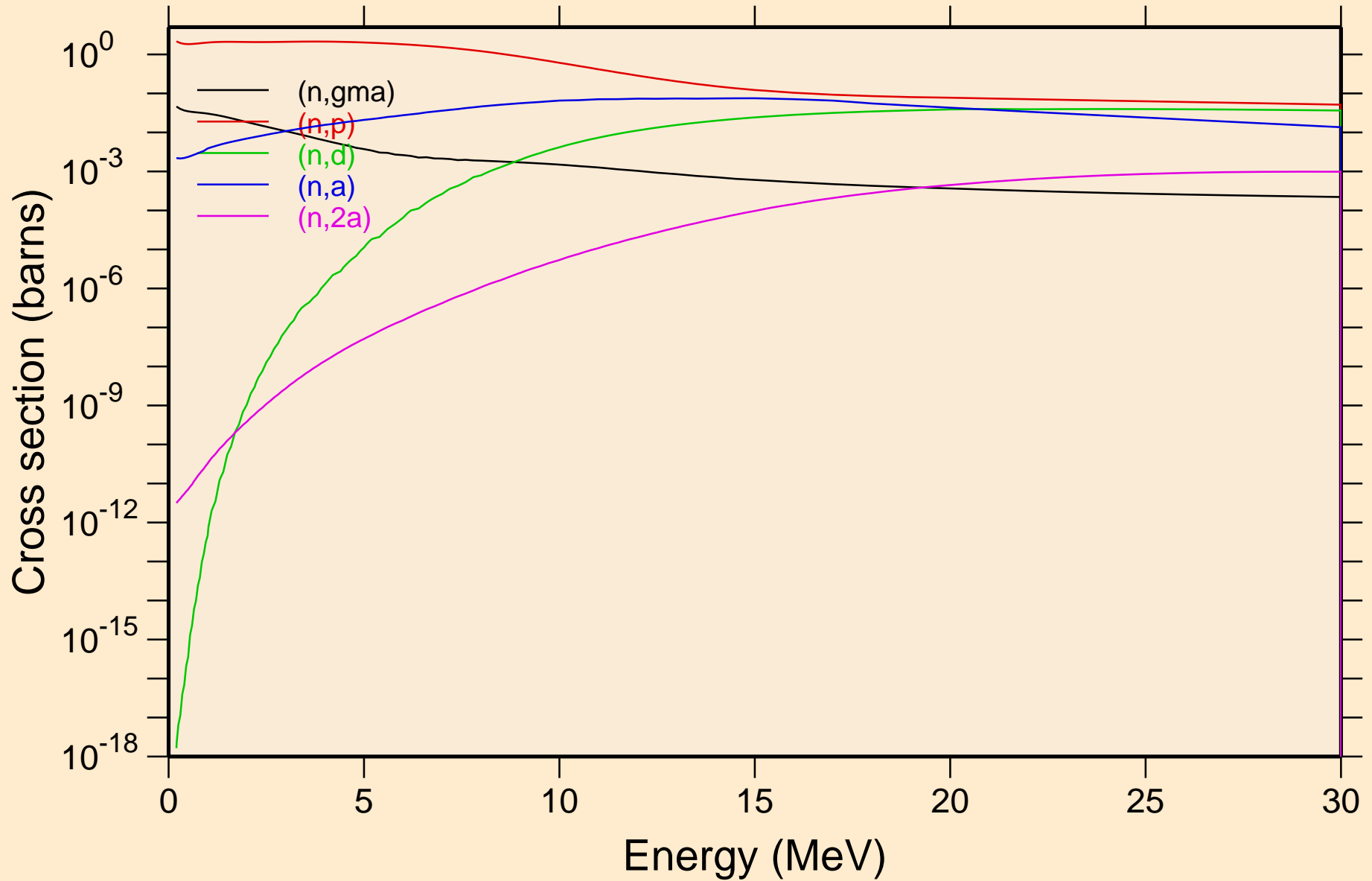
# PR127 NRG TENDL-2015, AKONING

## Principal cross sections



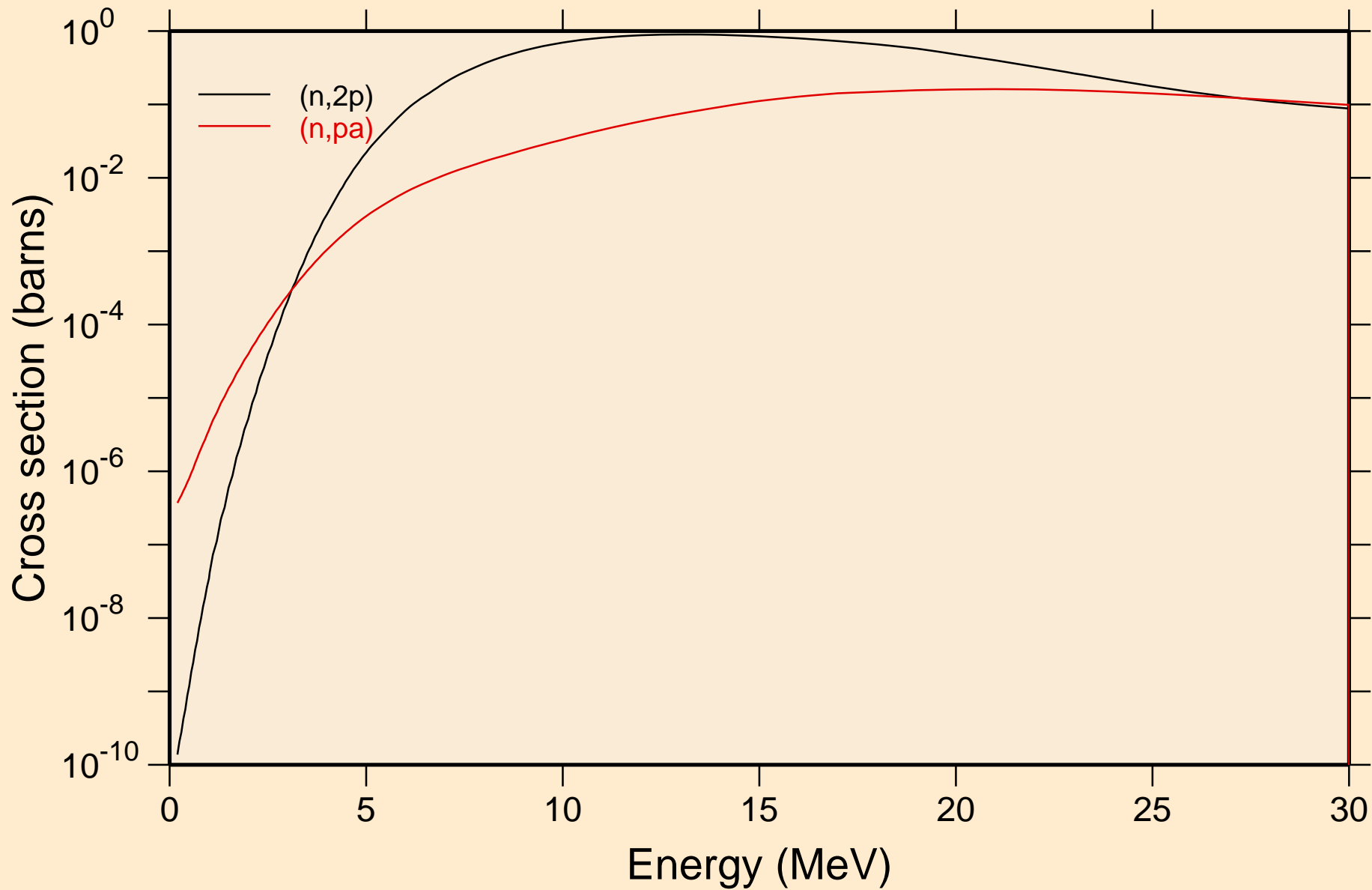
# PR127 NRG TENDL-2015, AKONING

## Non-threshold reactions

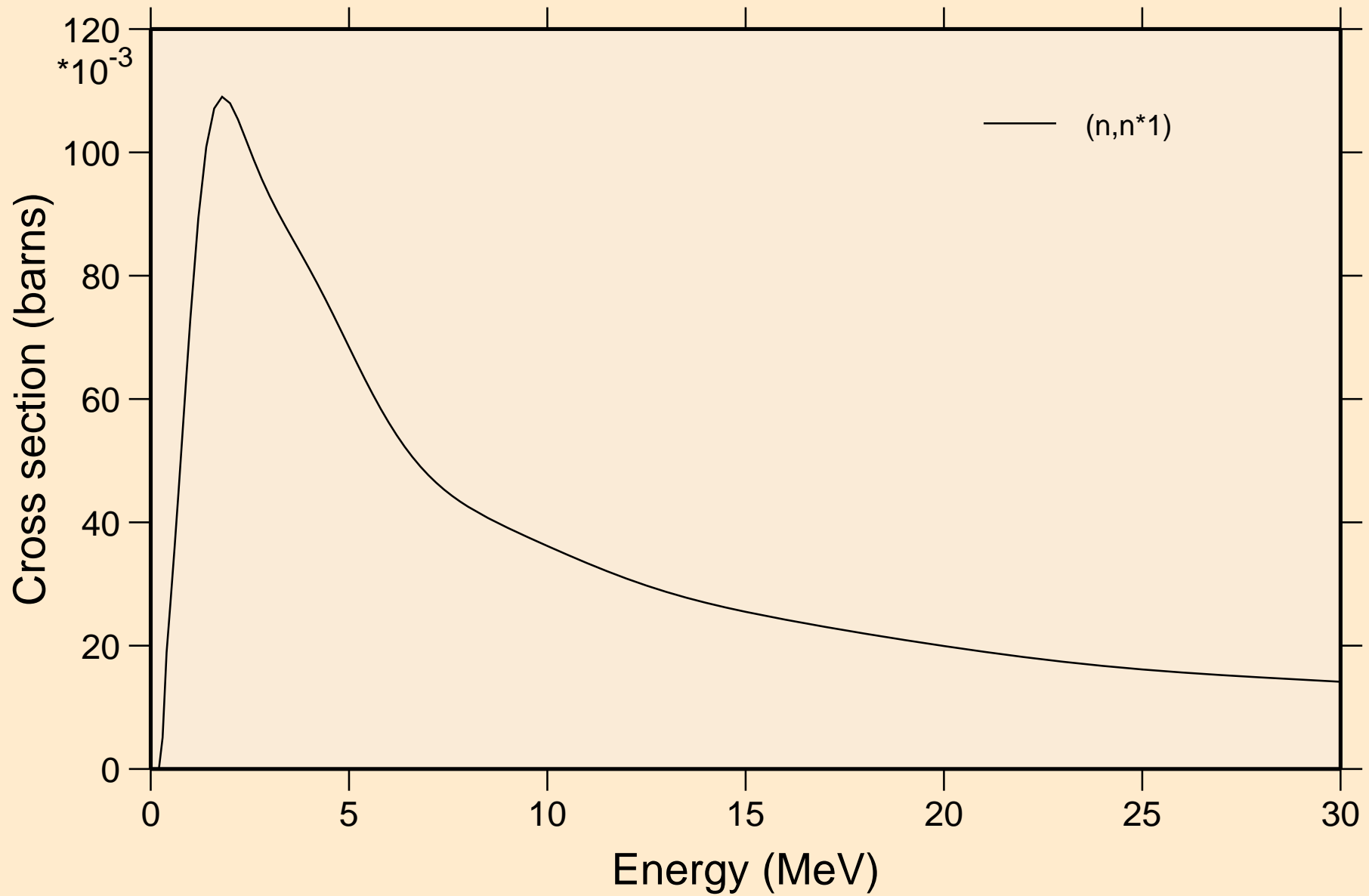


# PR127 NRG TENDL-2015, AKONING

## Non-threshold reactions

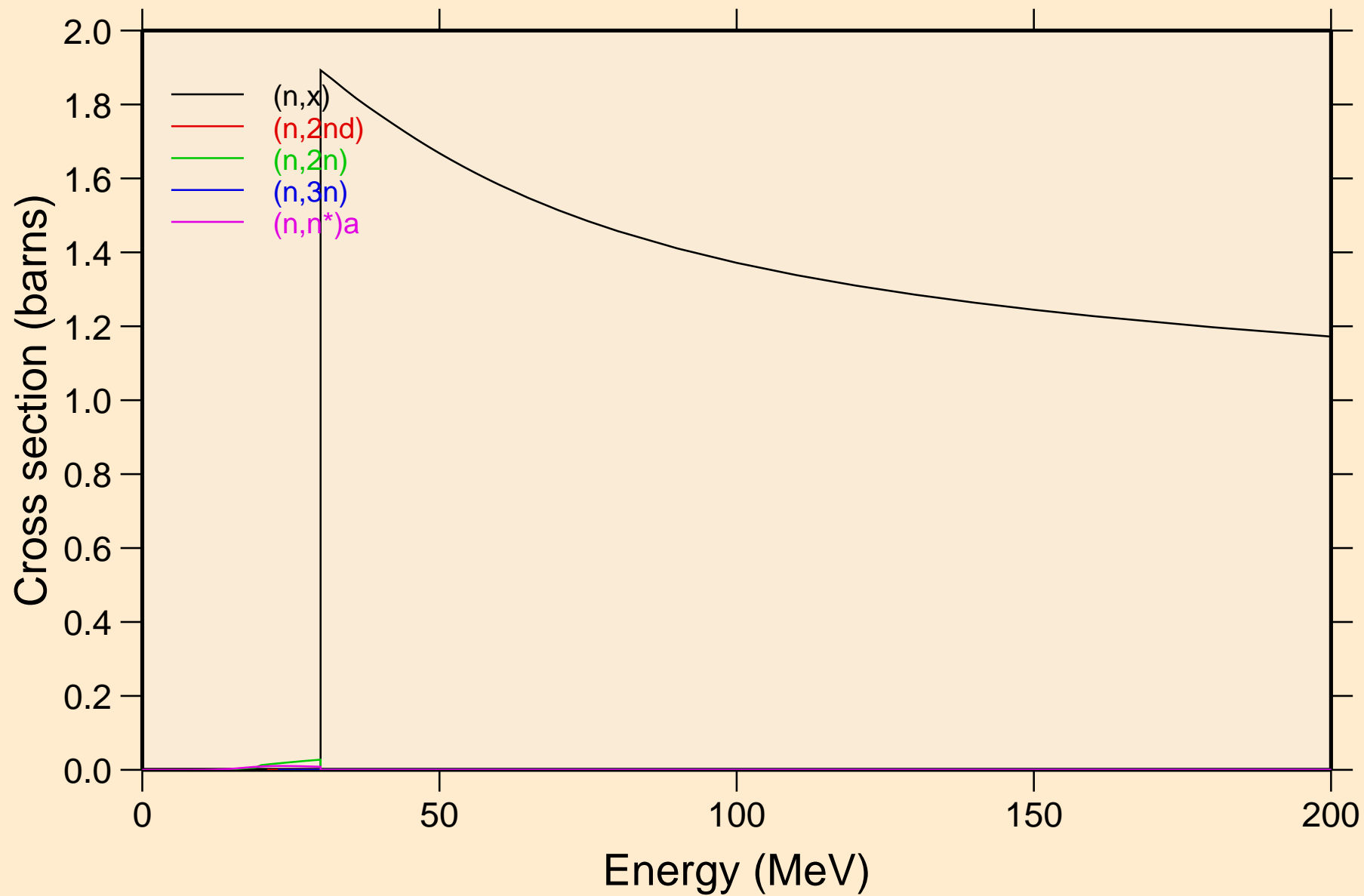


PR127 NRG TENDL-2015, AKONING  
Inelastic levels



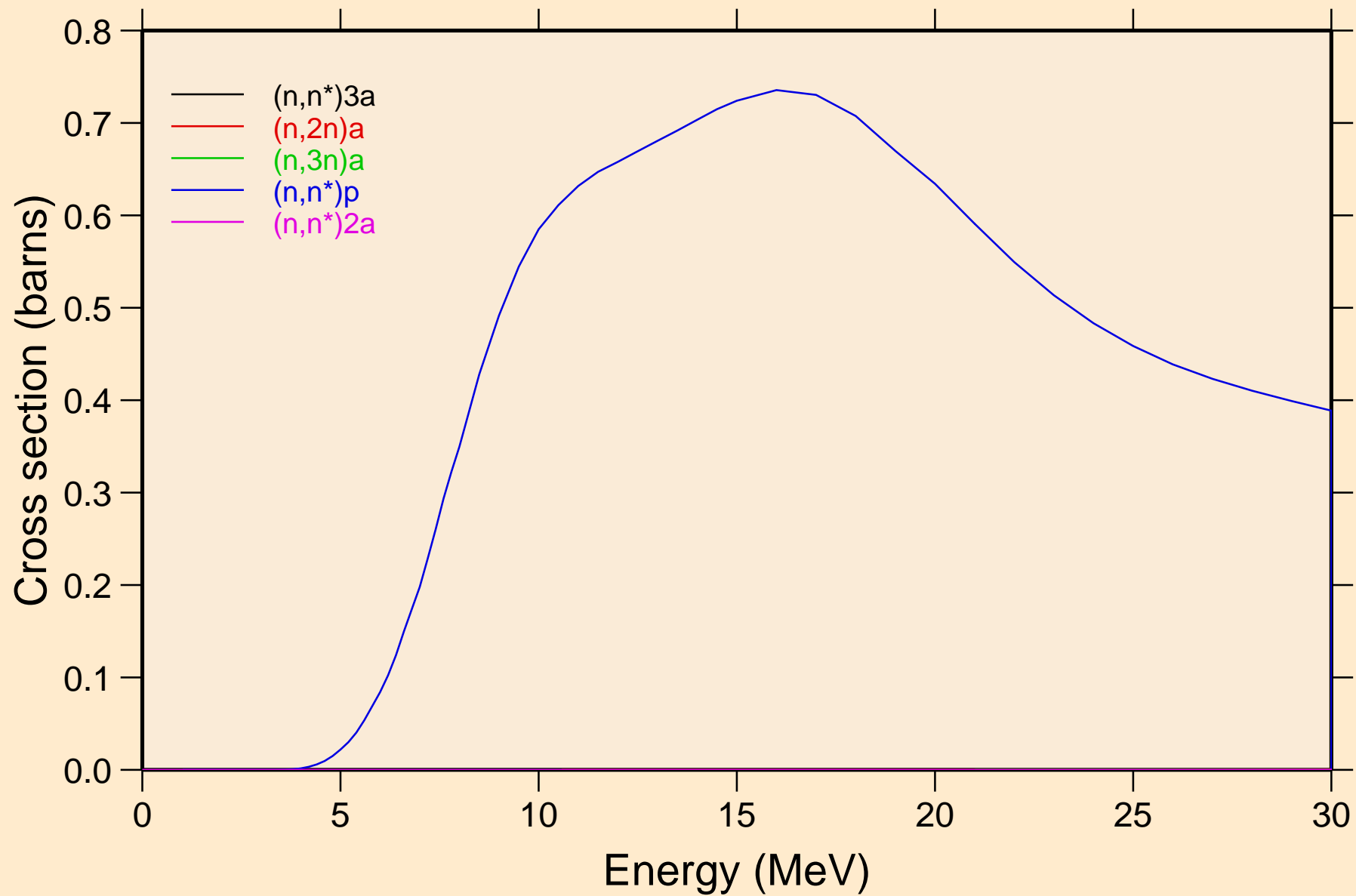
# PR127 NRG TENDL-2015, AKONING

## Threshold reactions



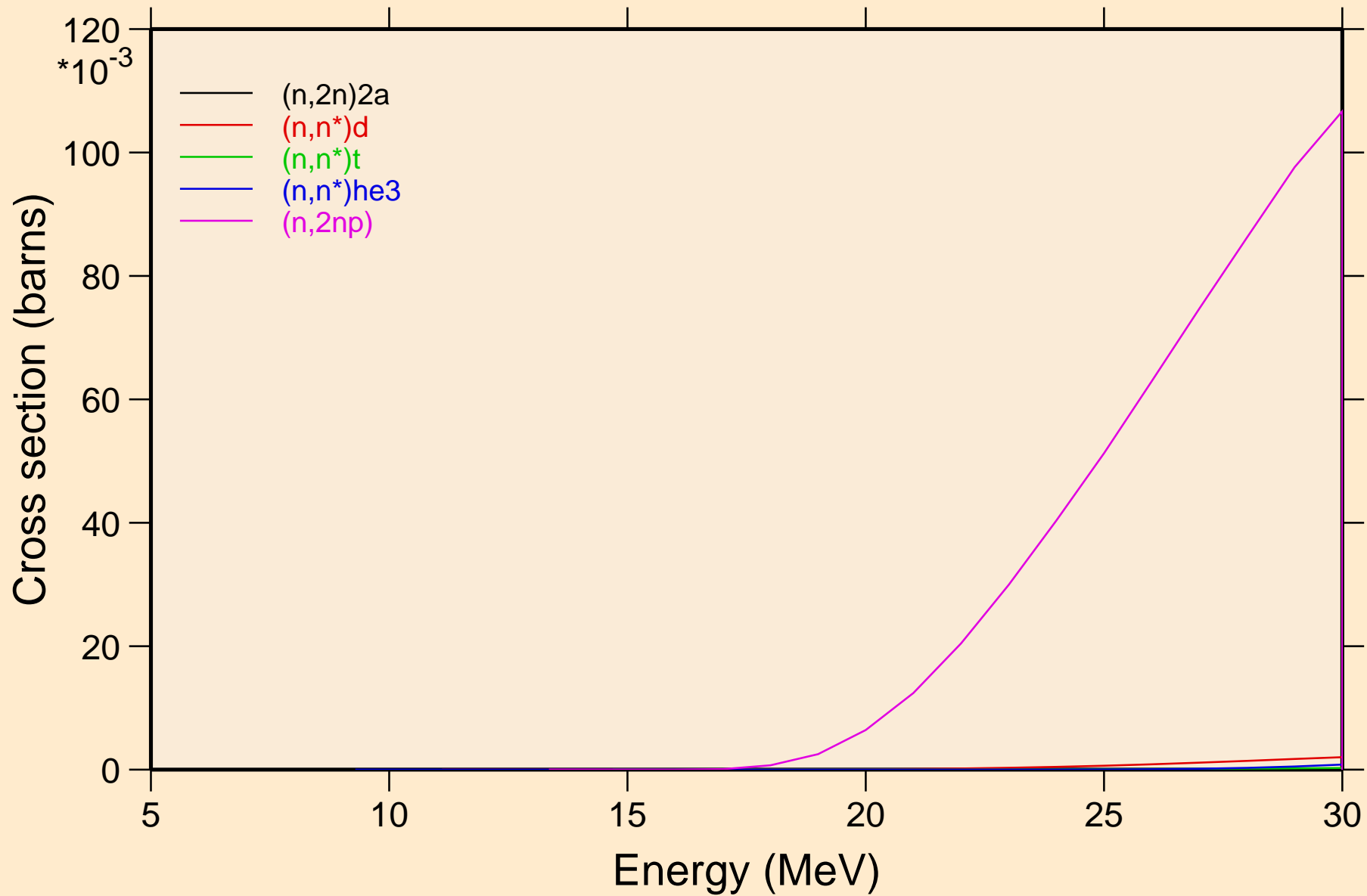
# PR127 NRG TENDL-2015, AKONING

## Threshold reactions



# PR127 NRG TENDL-2015, AKONING

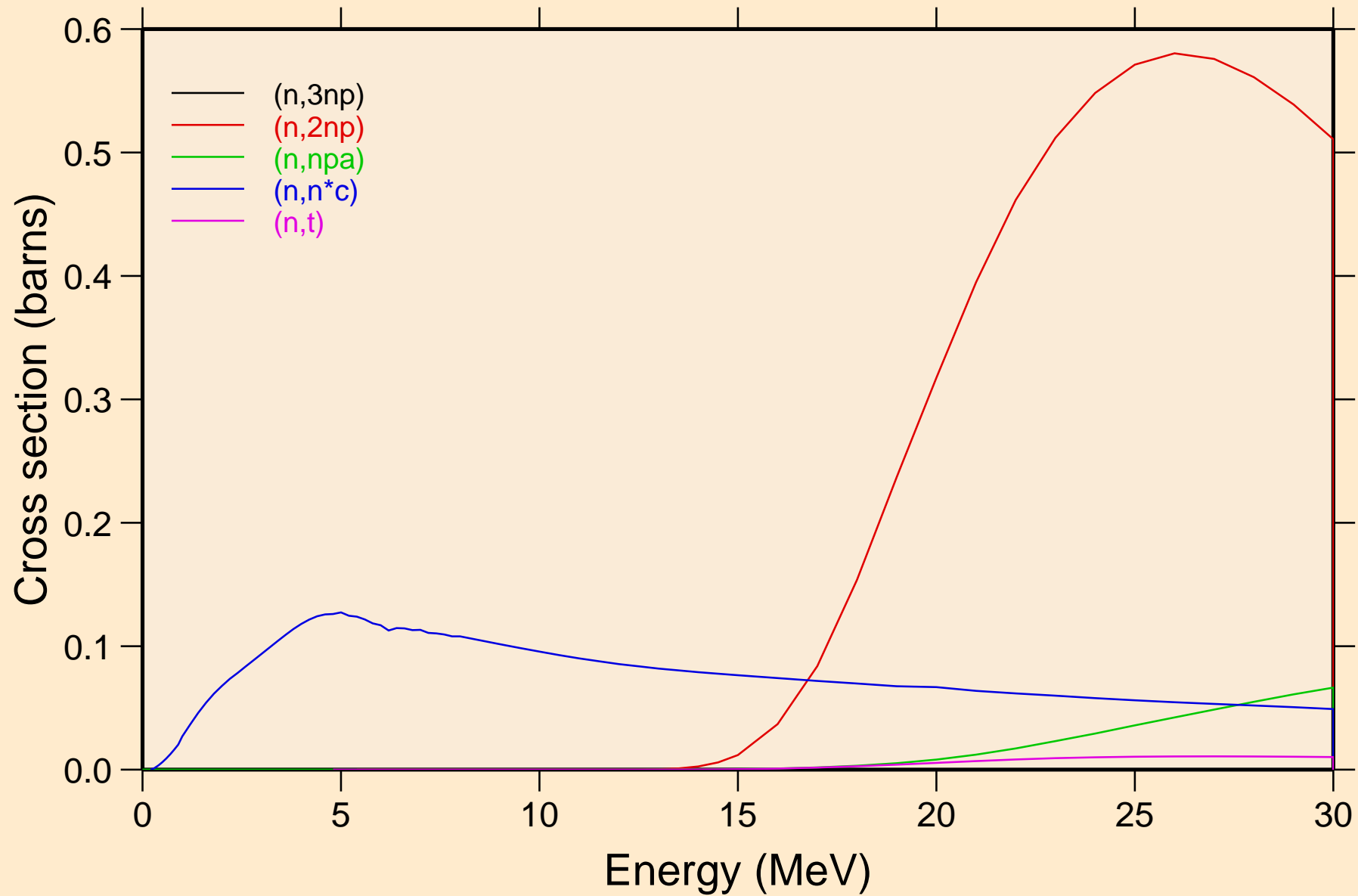
## Threshold reactions





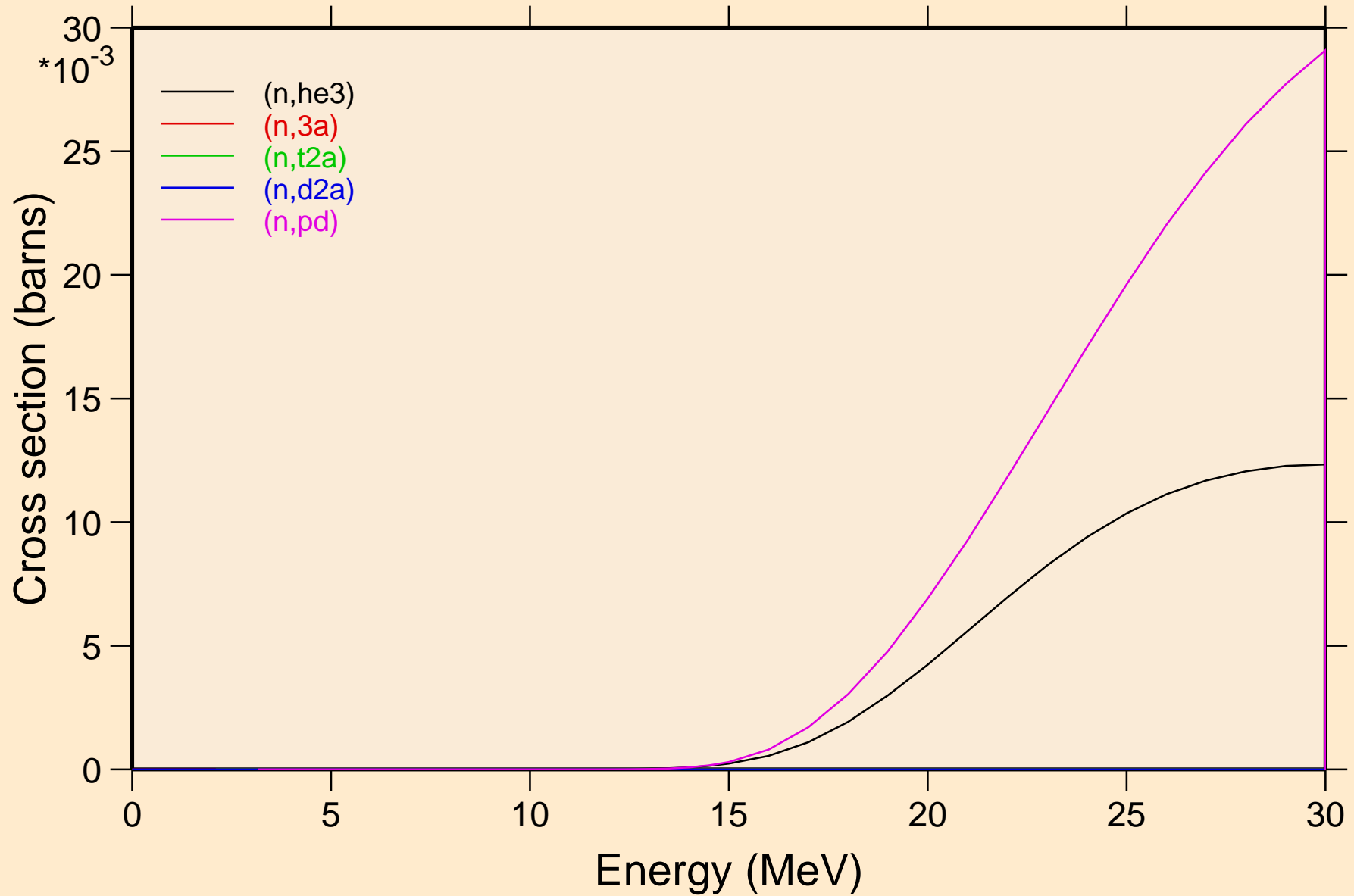
# PR127 NRG TENDL-2015, AKONING

## Threshold reactions



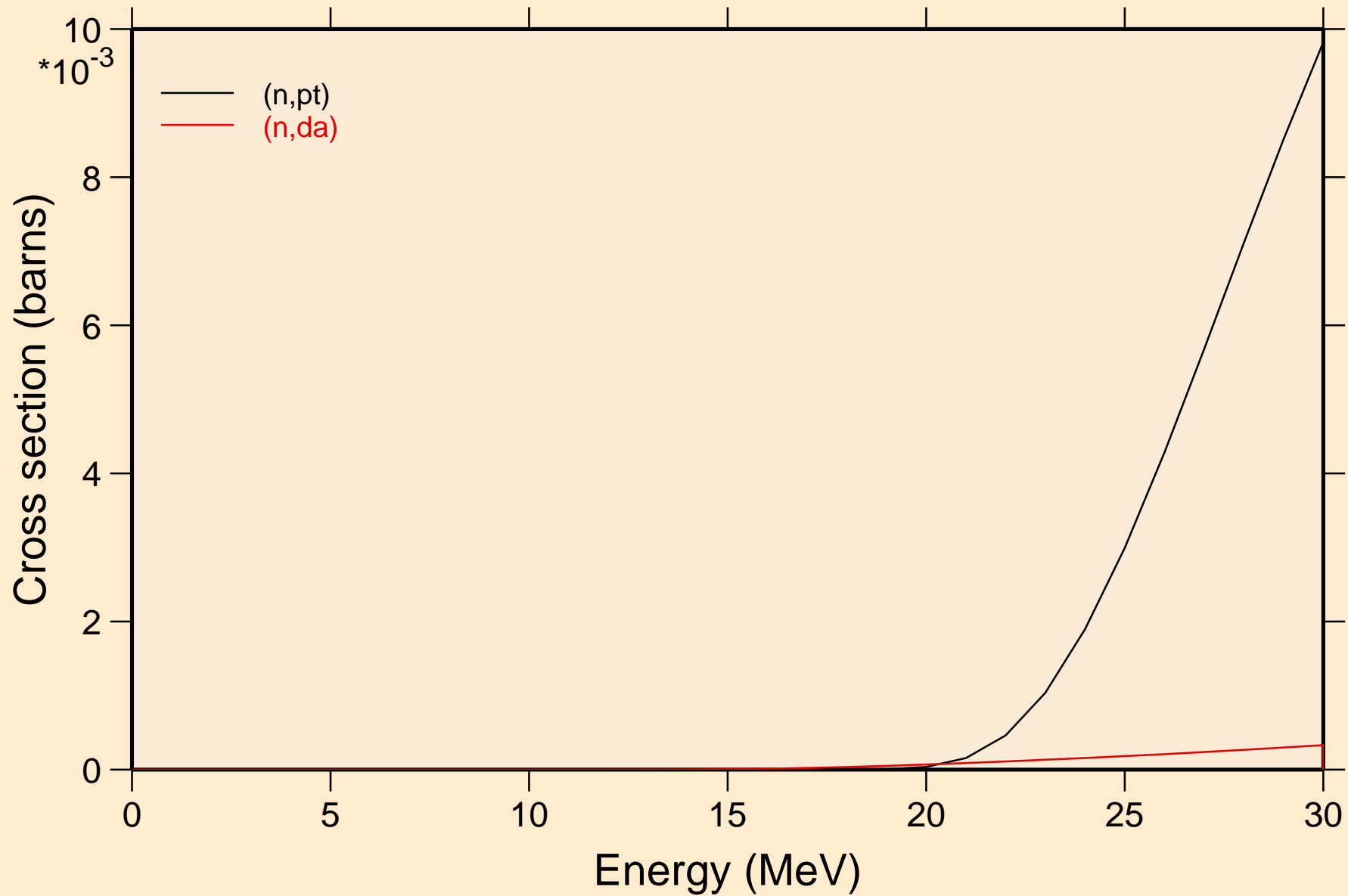
# PR127 NRG TENDL-2015, AKONING

## Threshold reactions

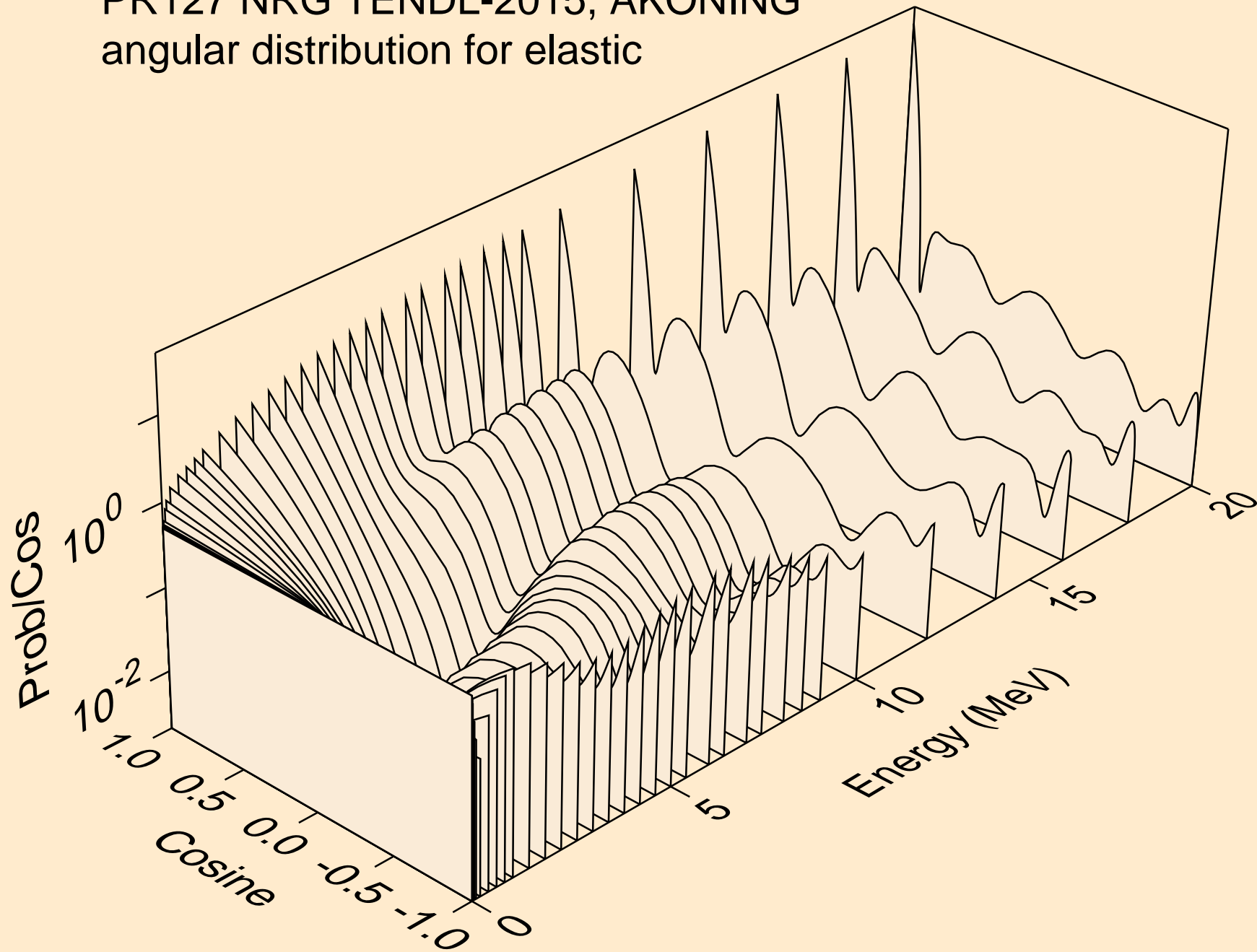


# PR127 NRG TENDL-2015, AKONING

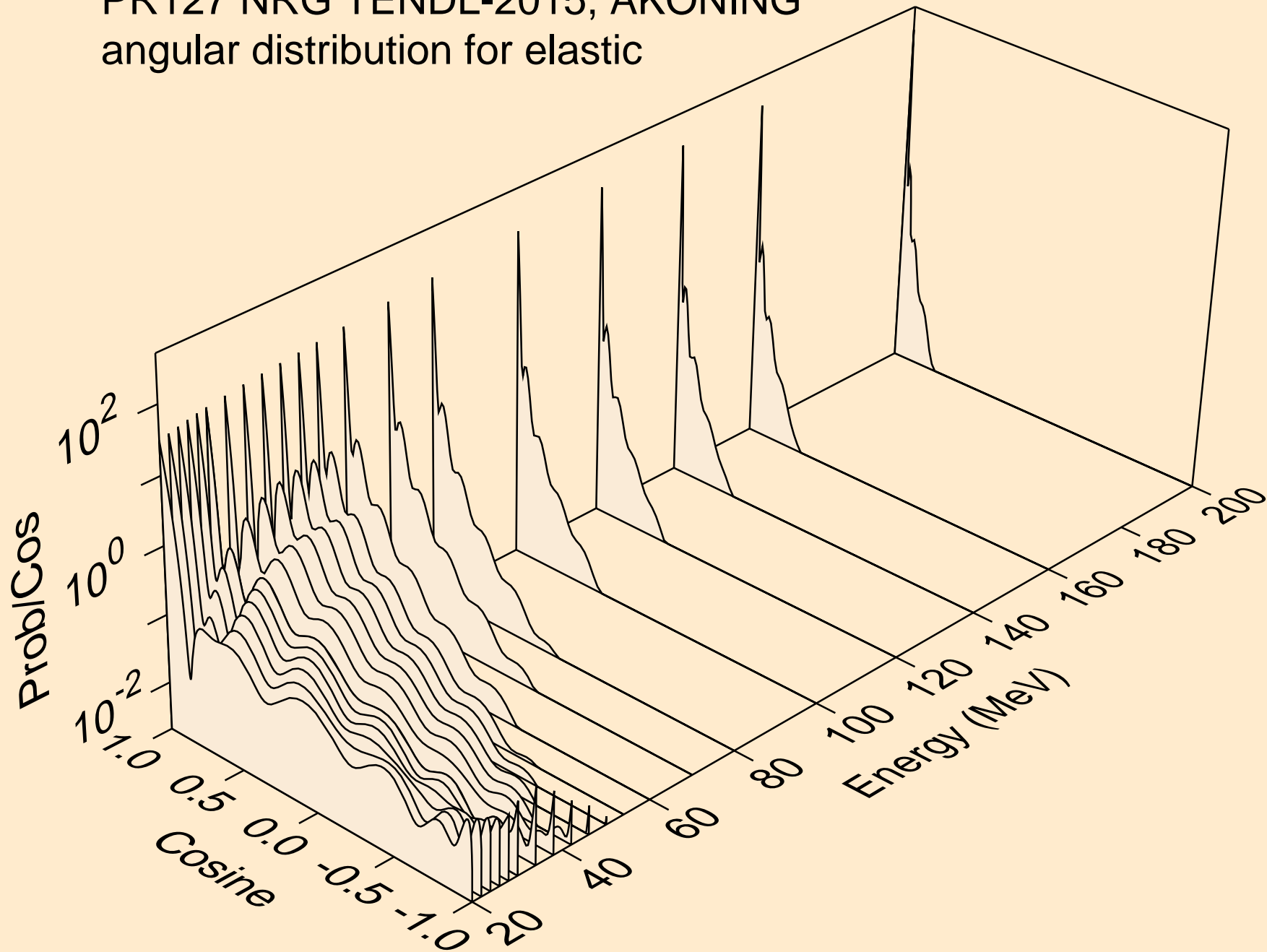
## Threshold reactions



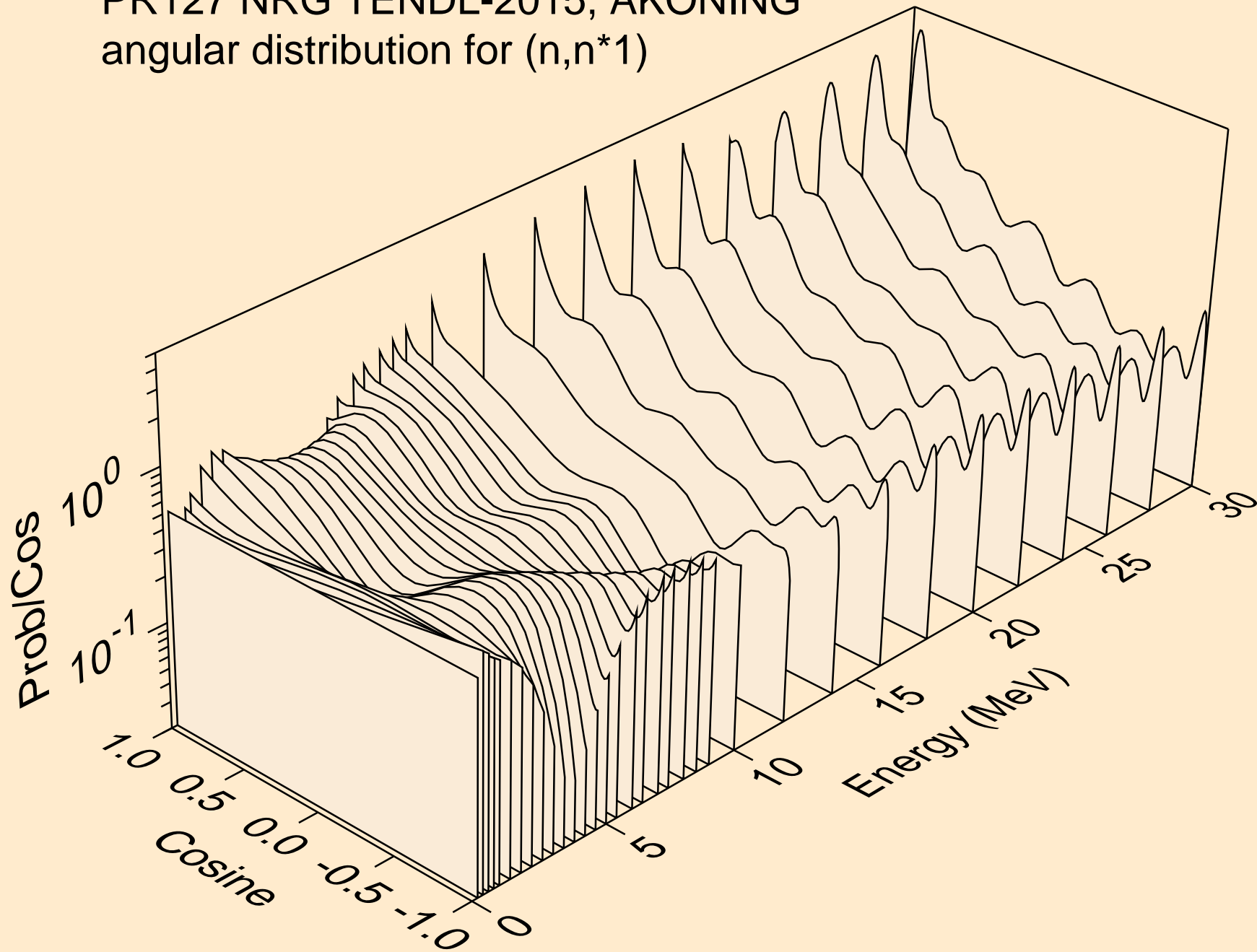
PR127 NRG TENDL-2015, AKONING  
angular distribution for elastic



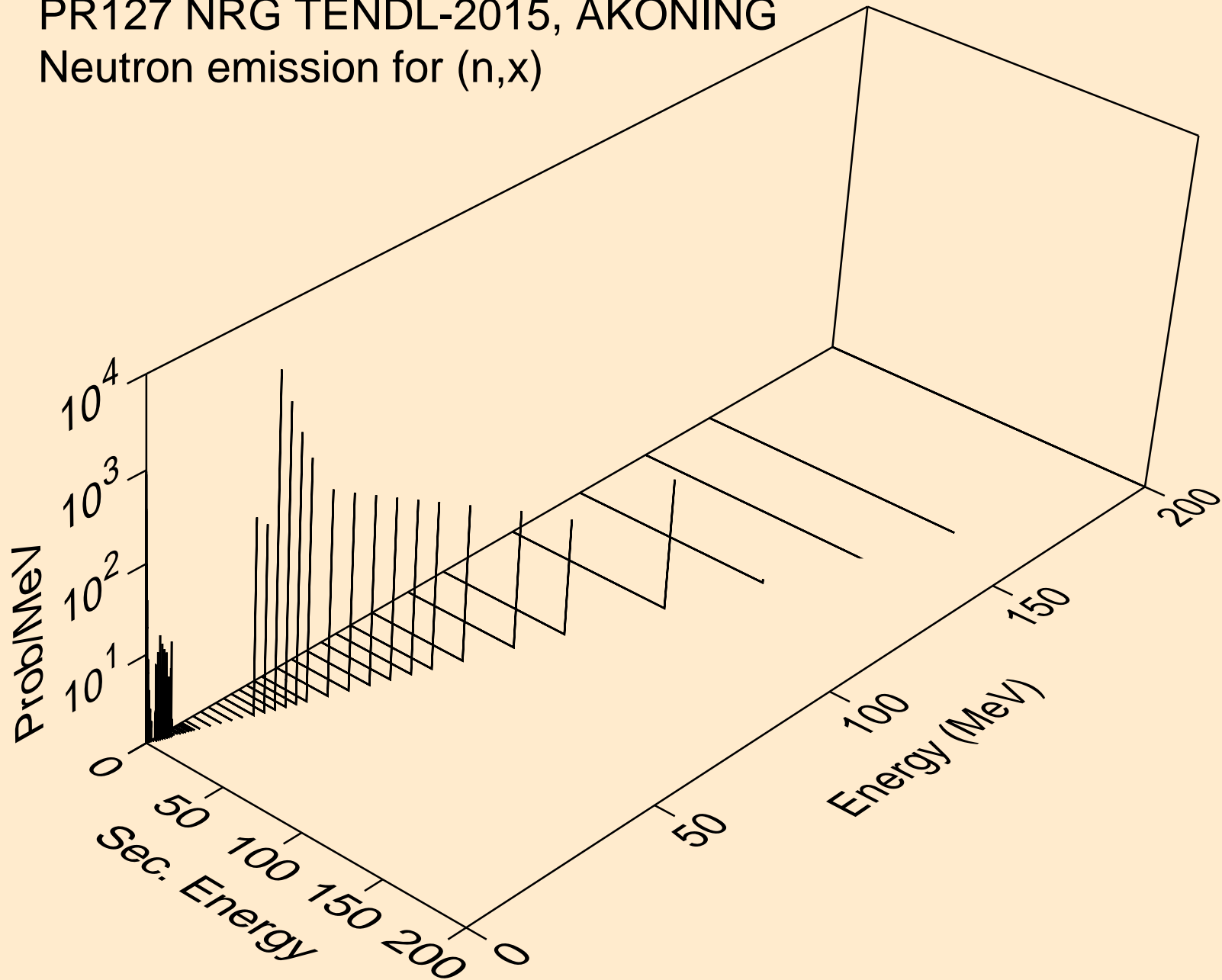
PR127 NRG TENDL-2015, AKONING  
angular distribution for elastic



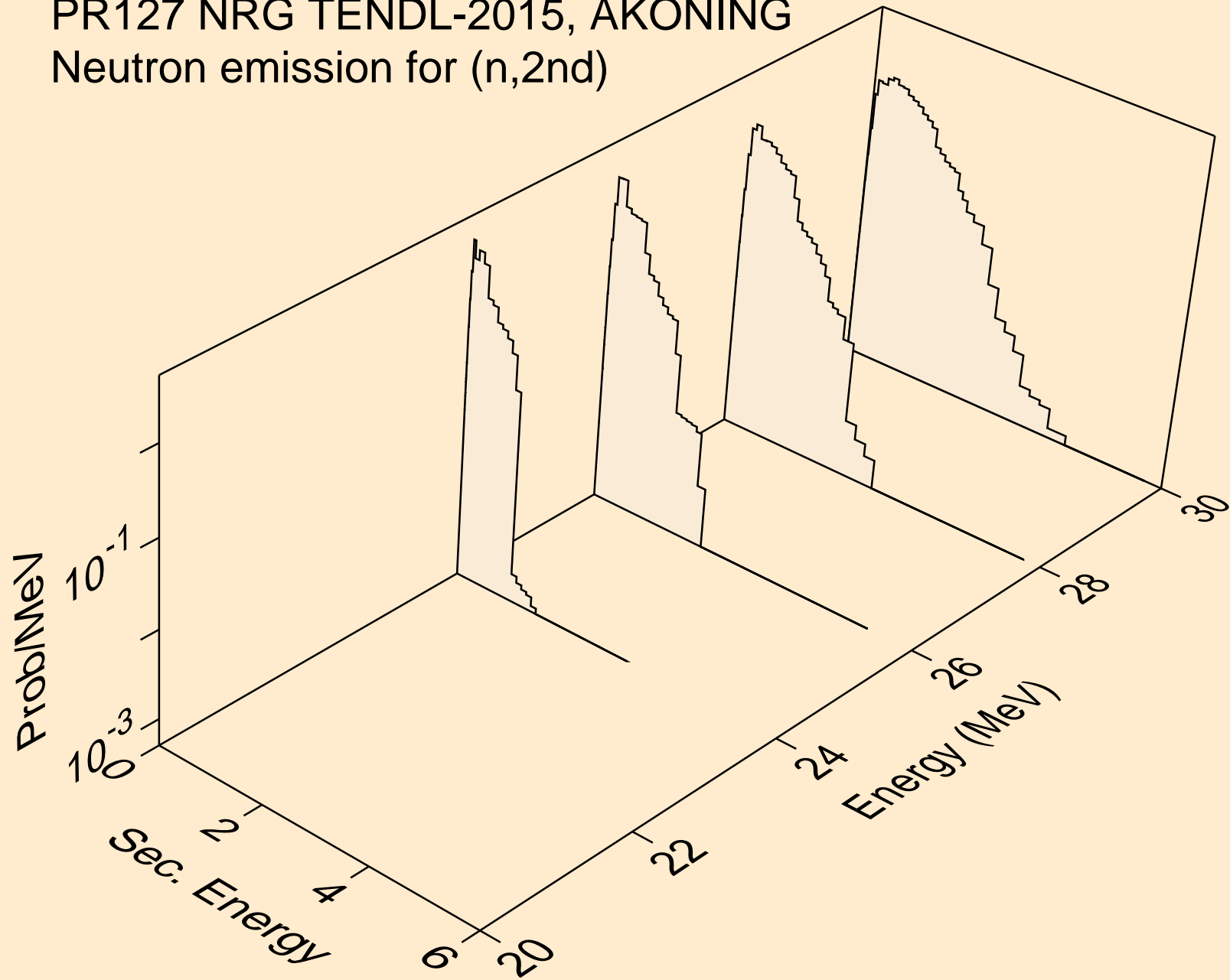
PR127 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

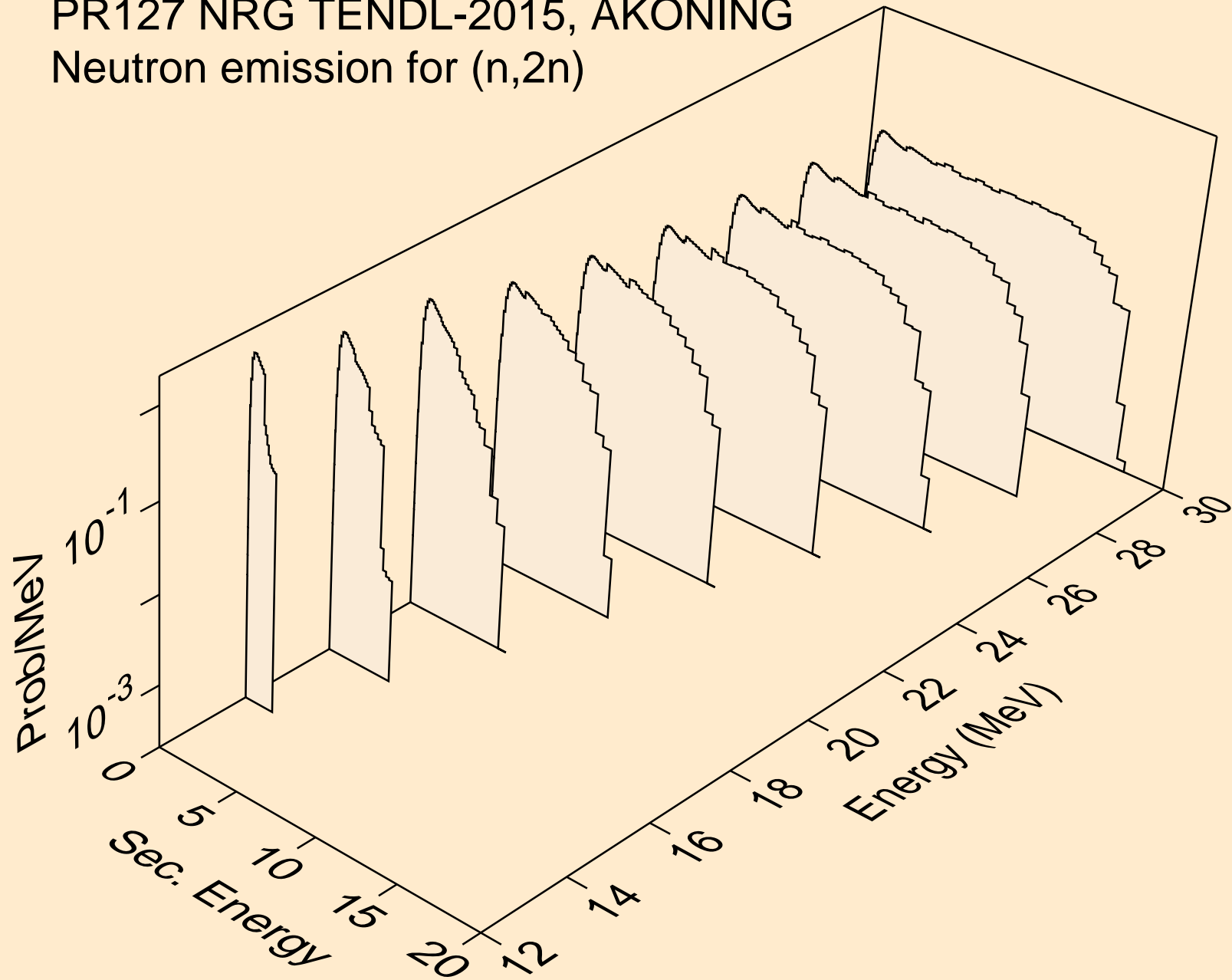


PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

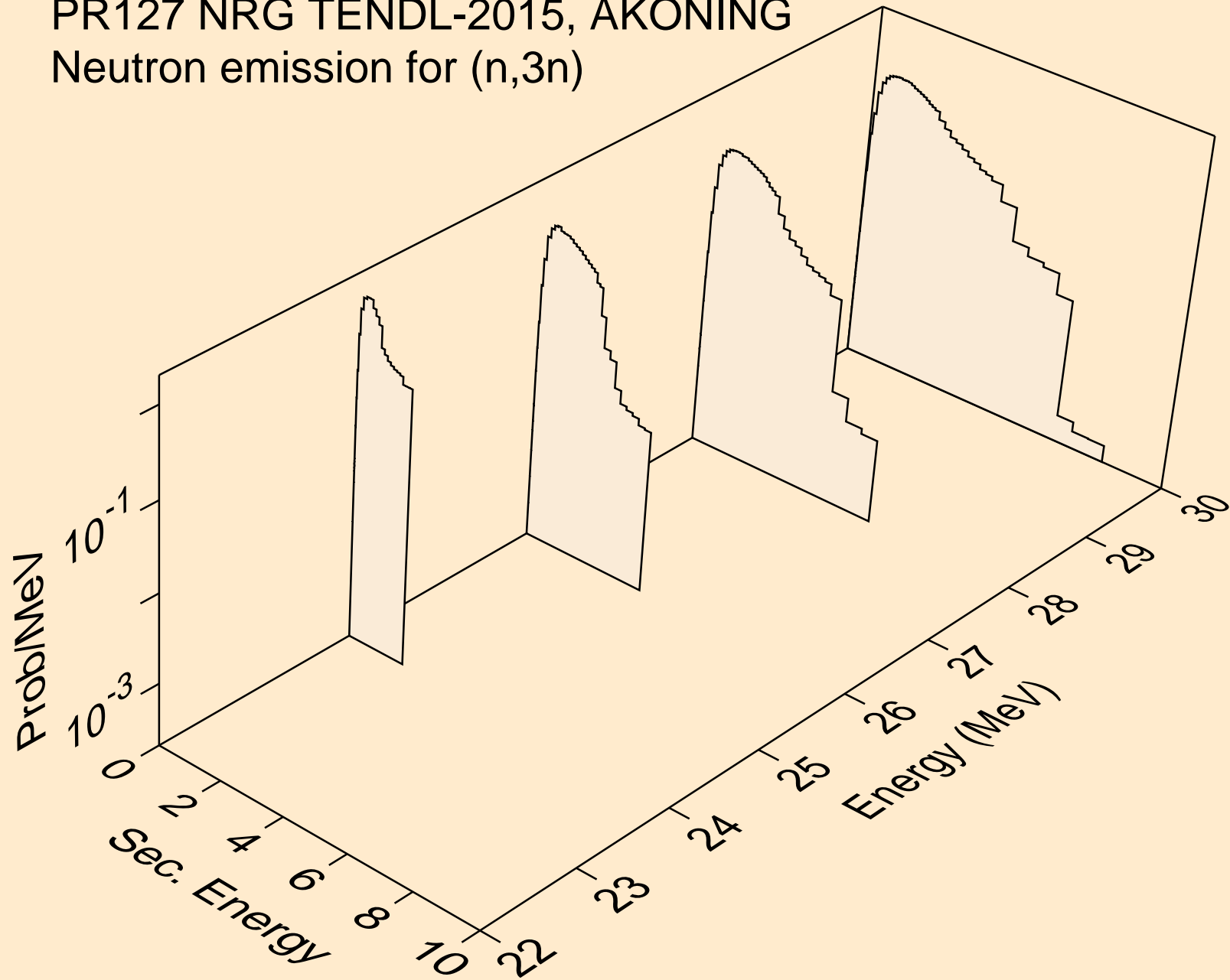




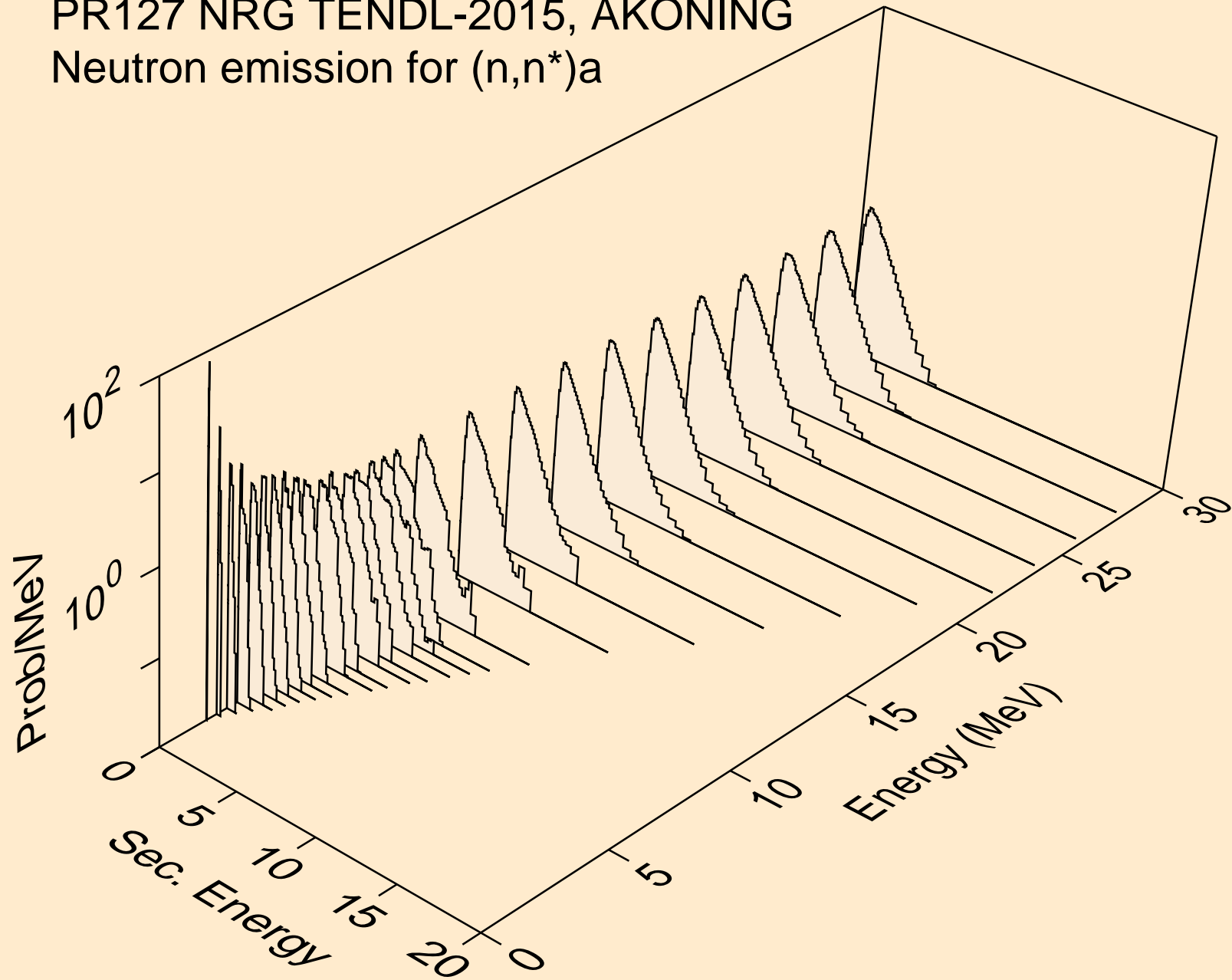
PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



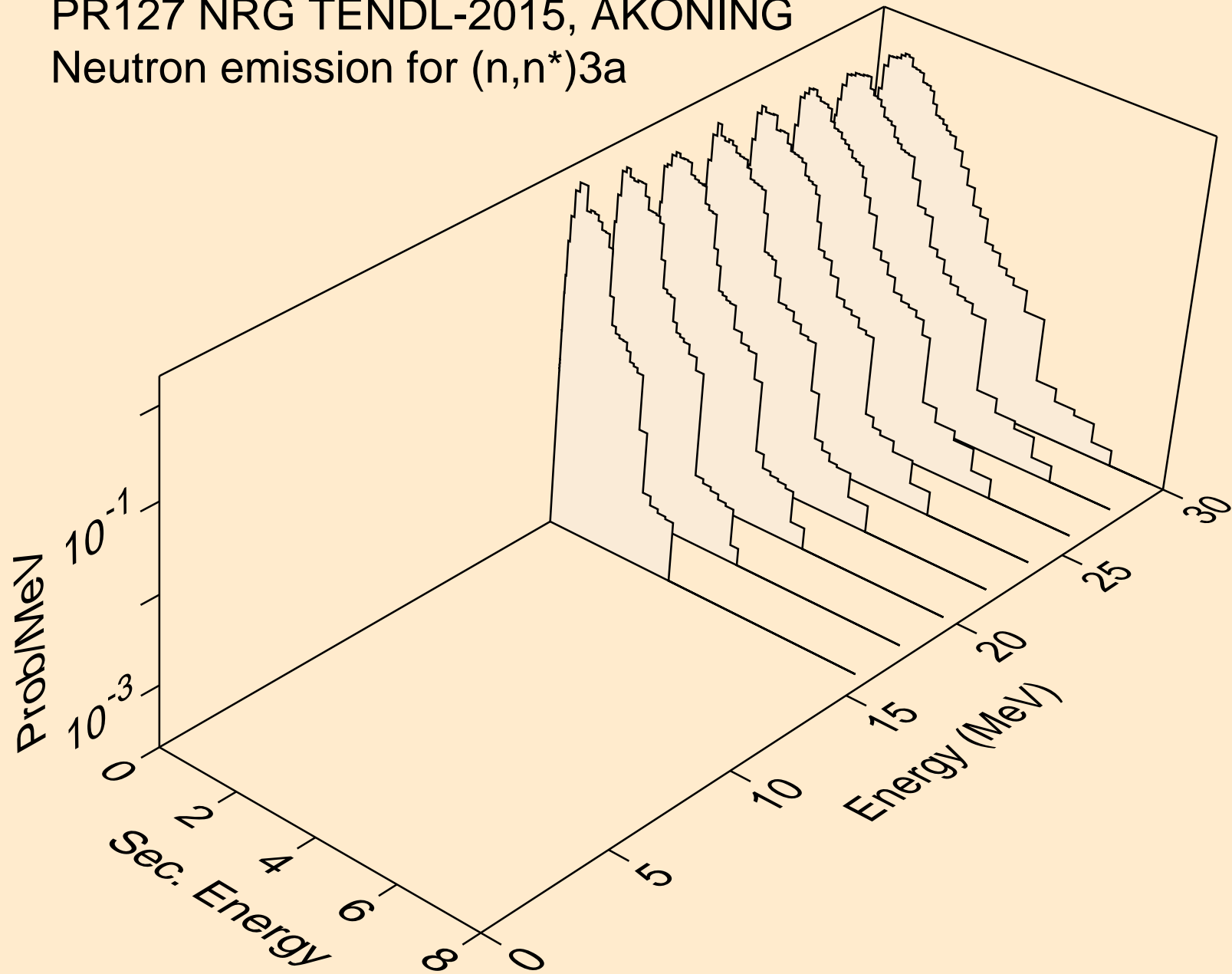
PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



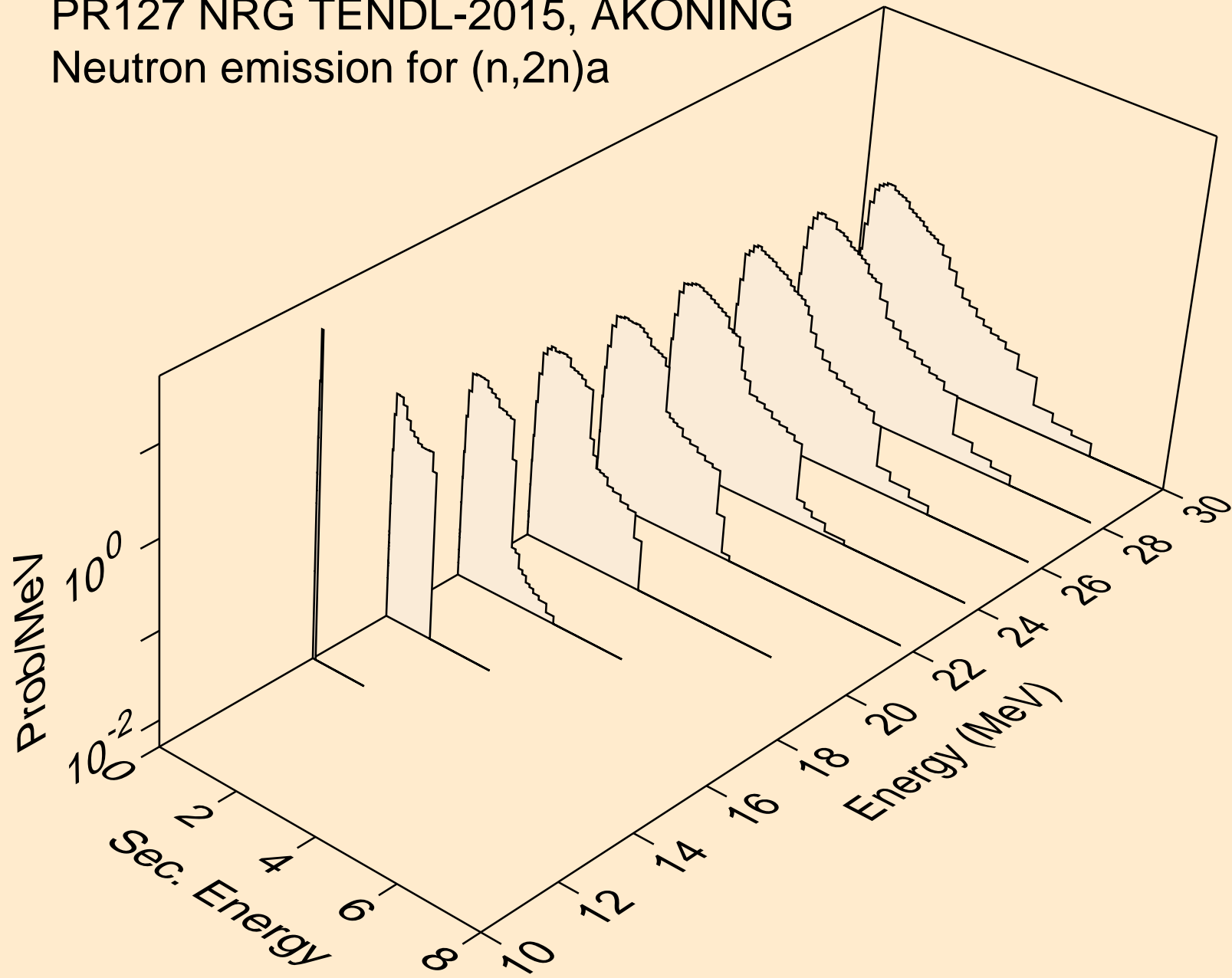
PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



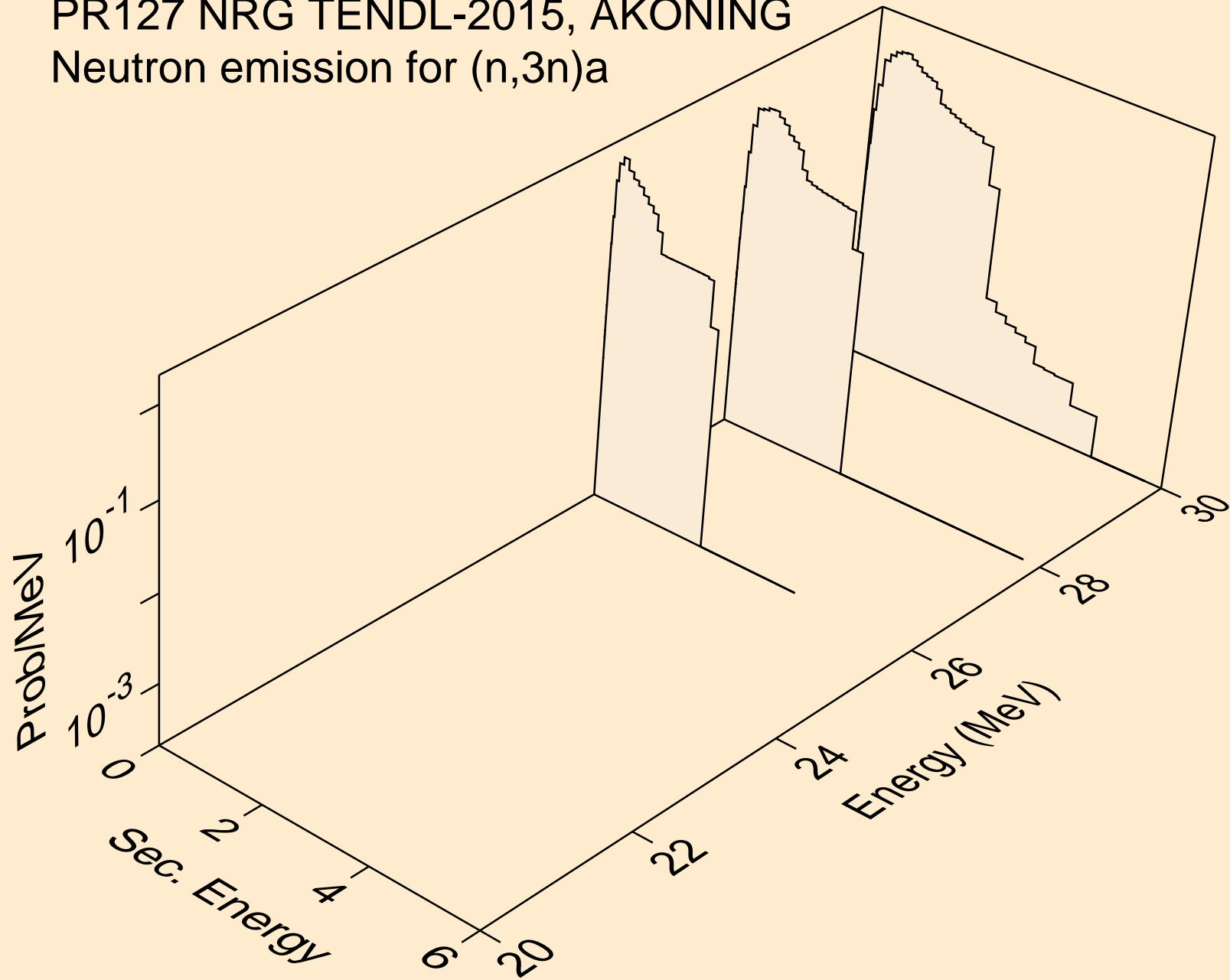
PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



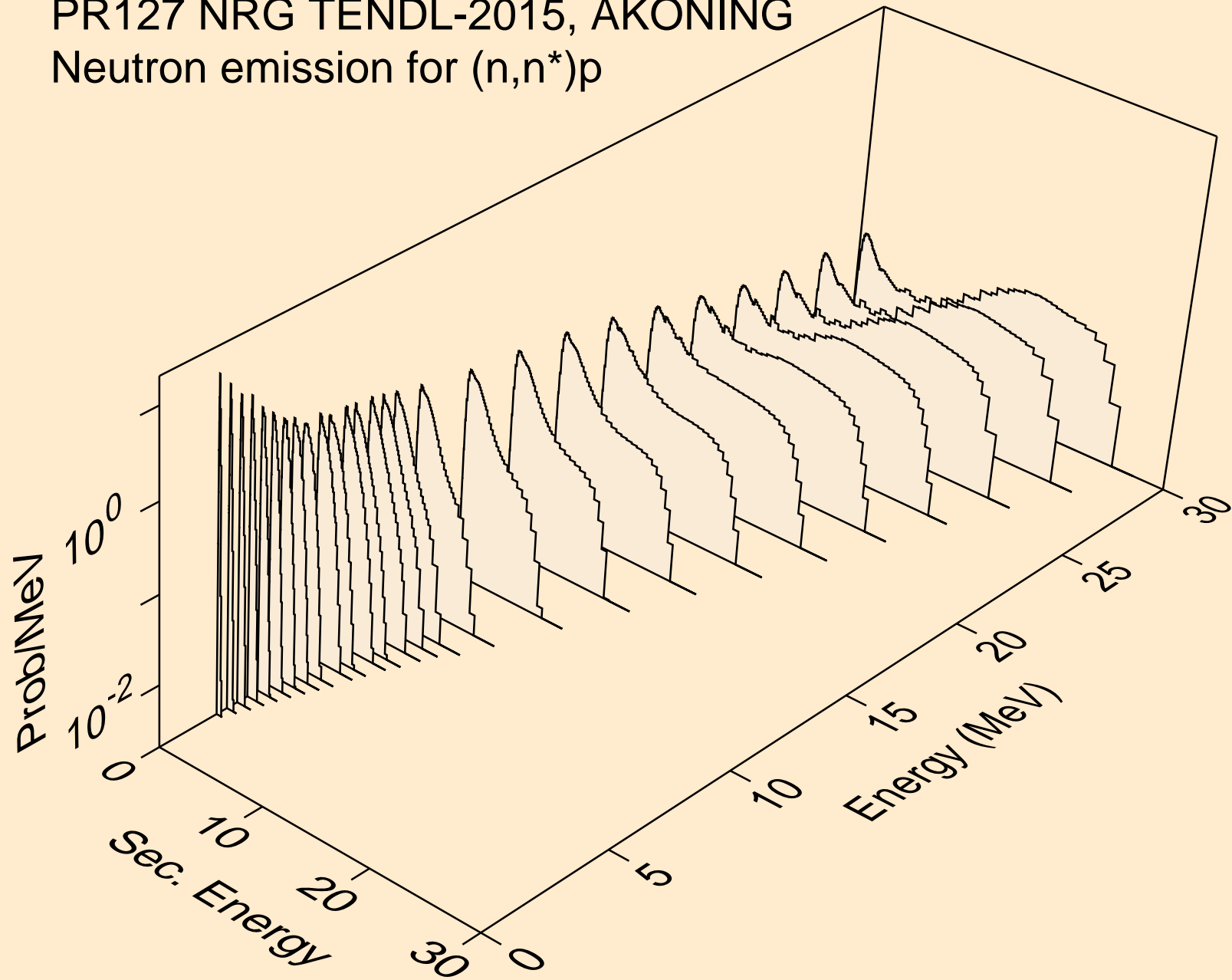
PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



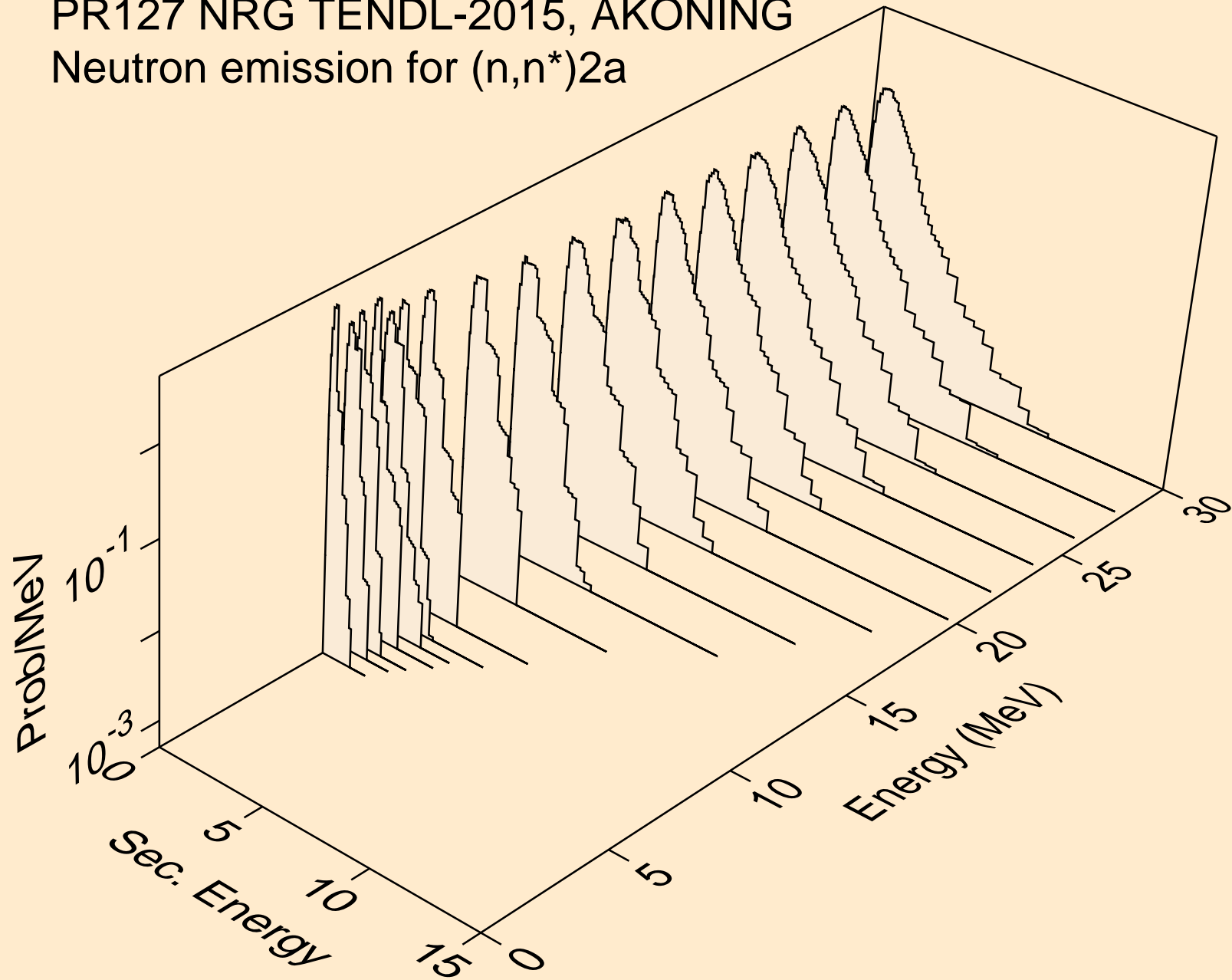
PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

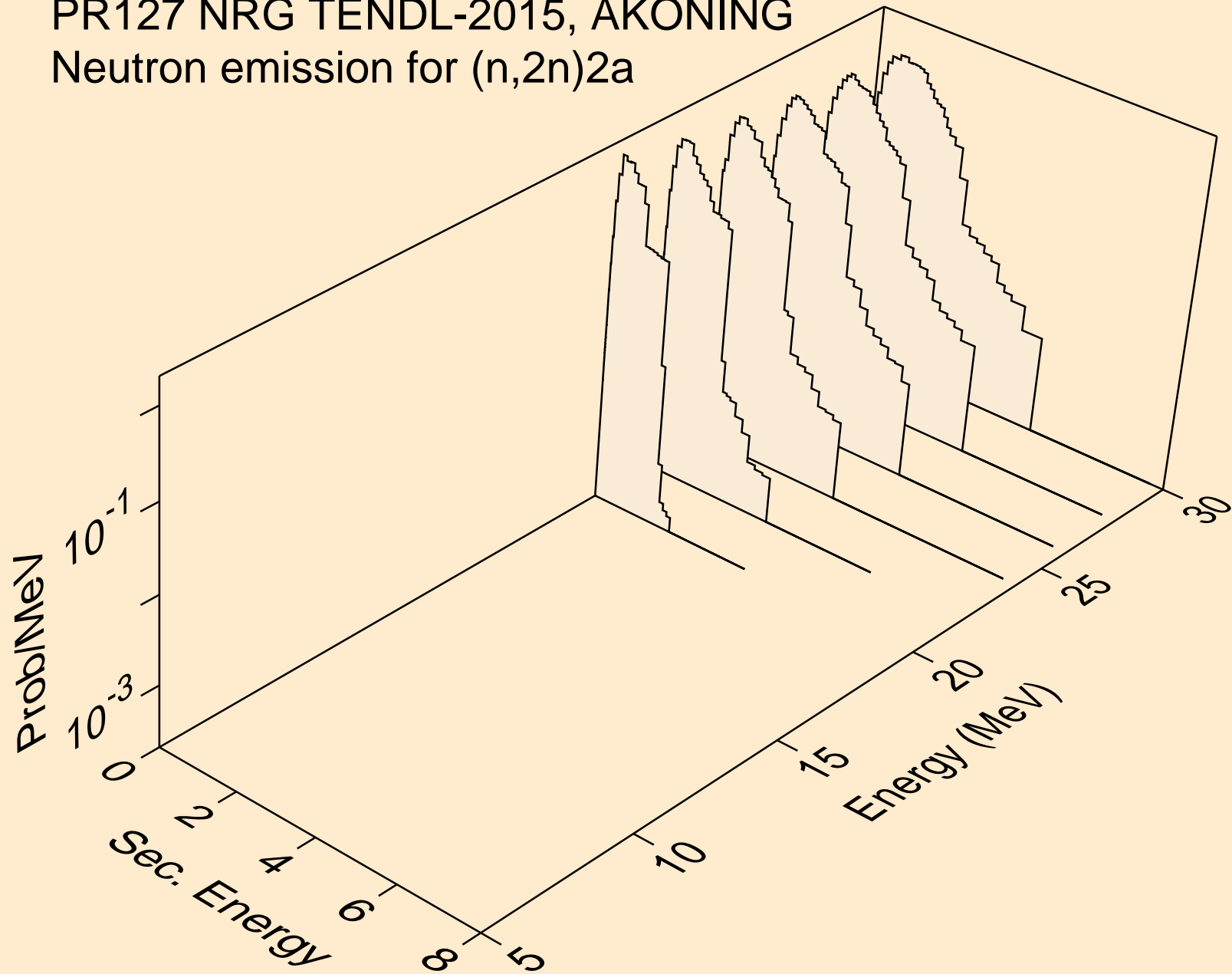


PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

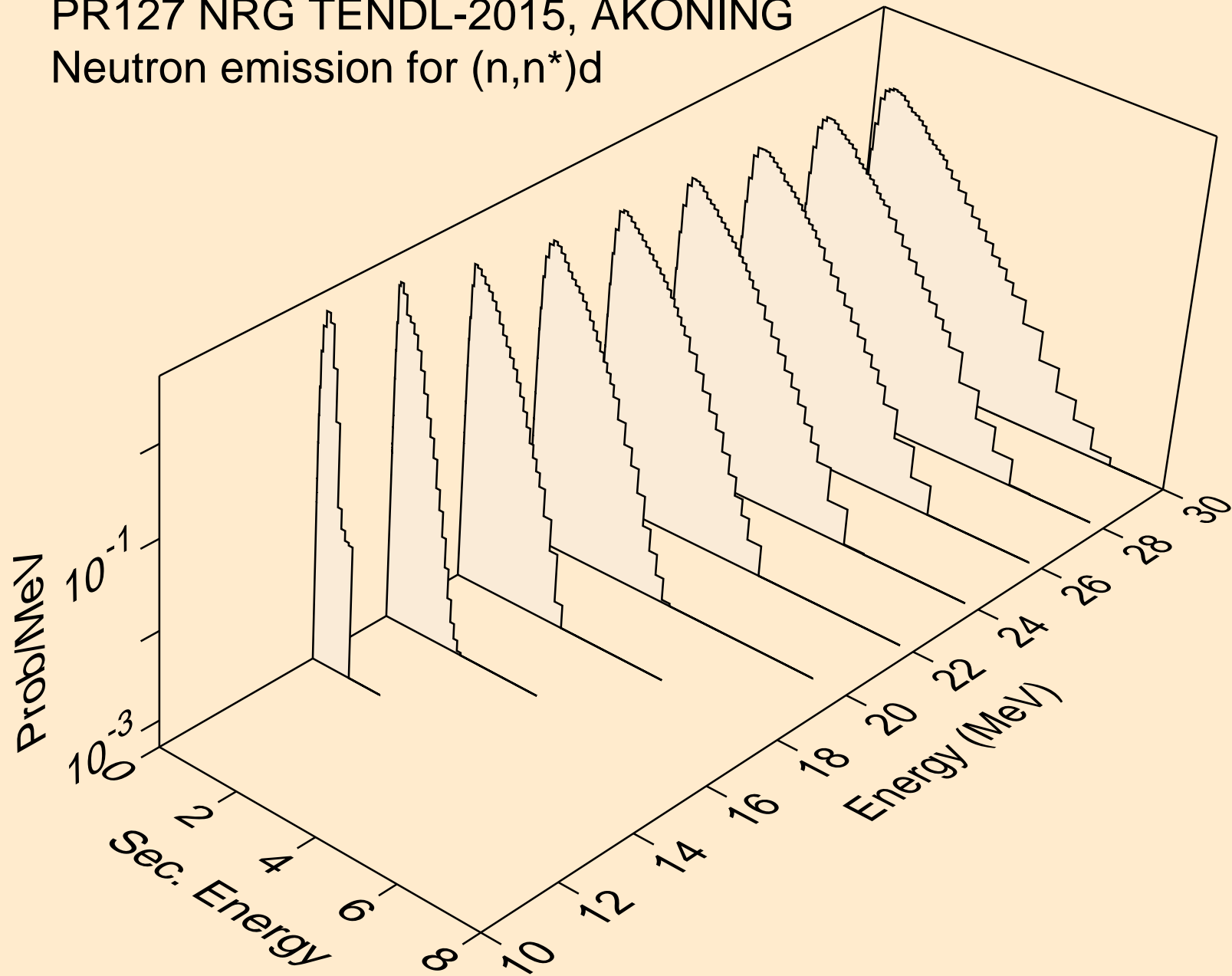




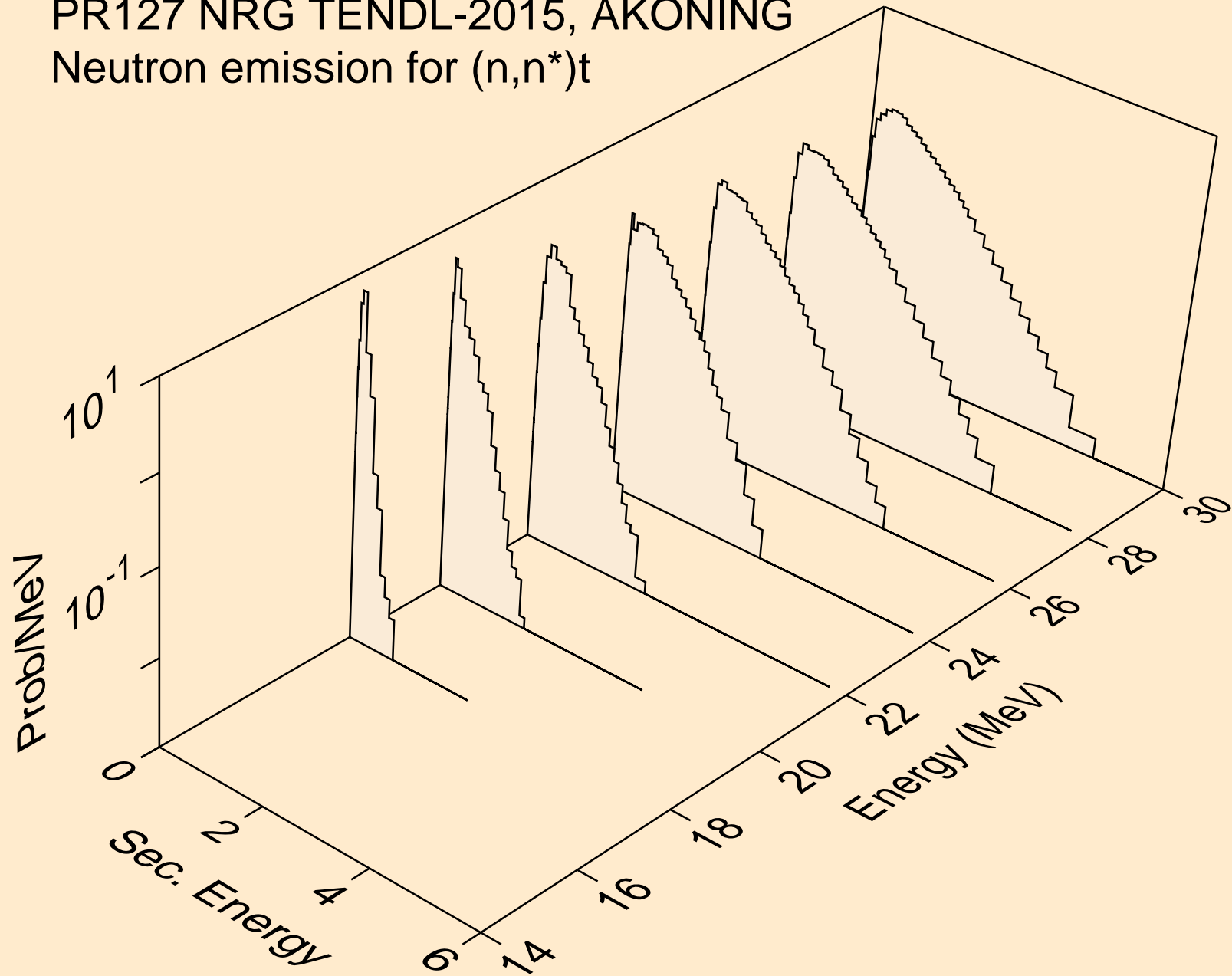
PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



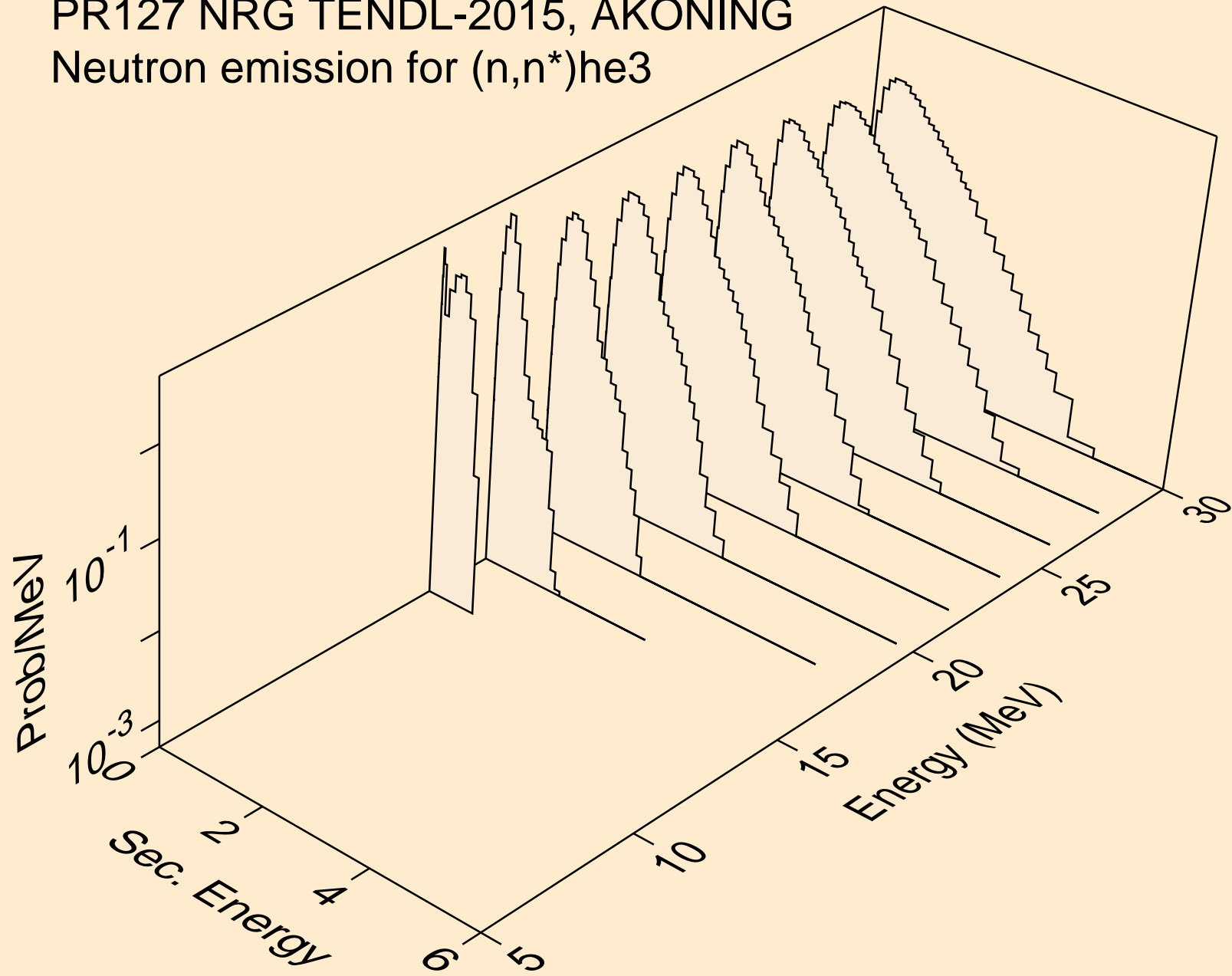
PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



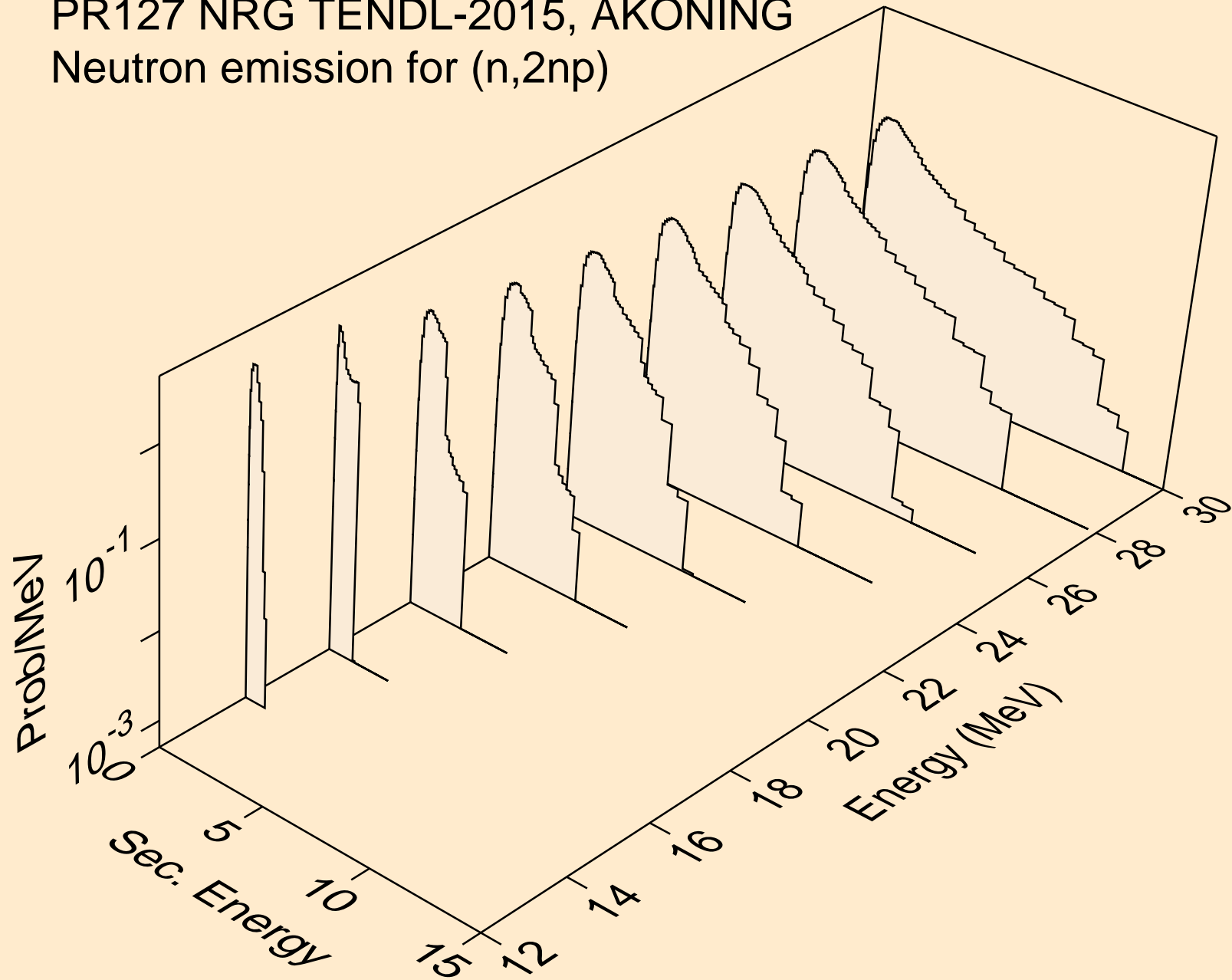
PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



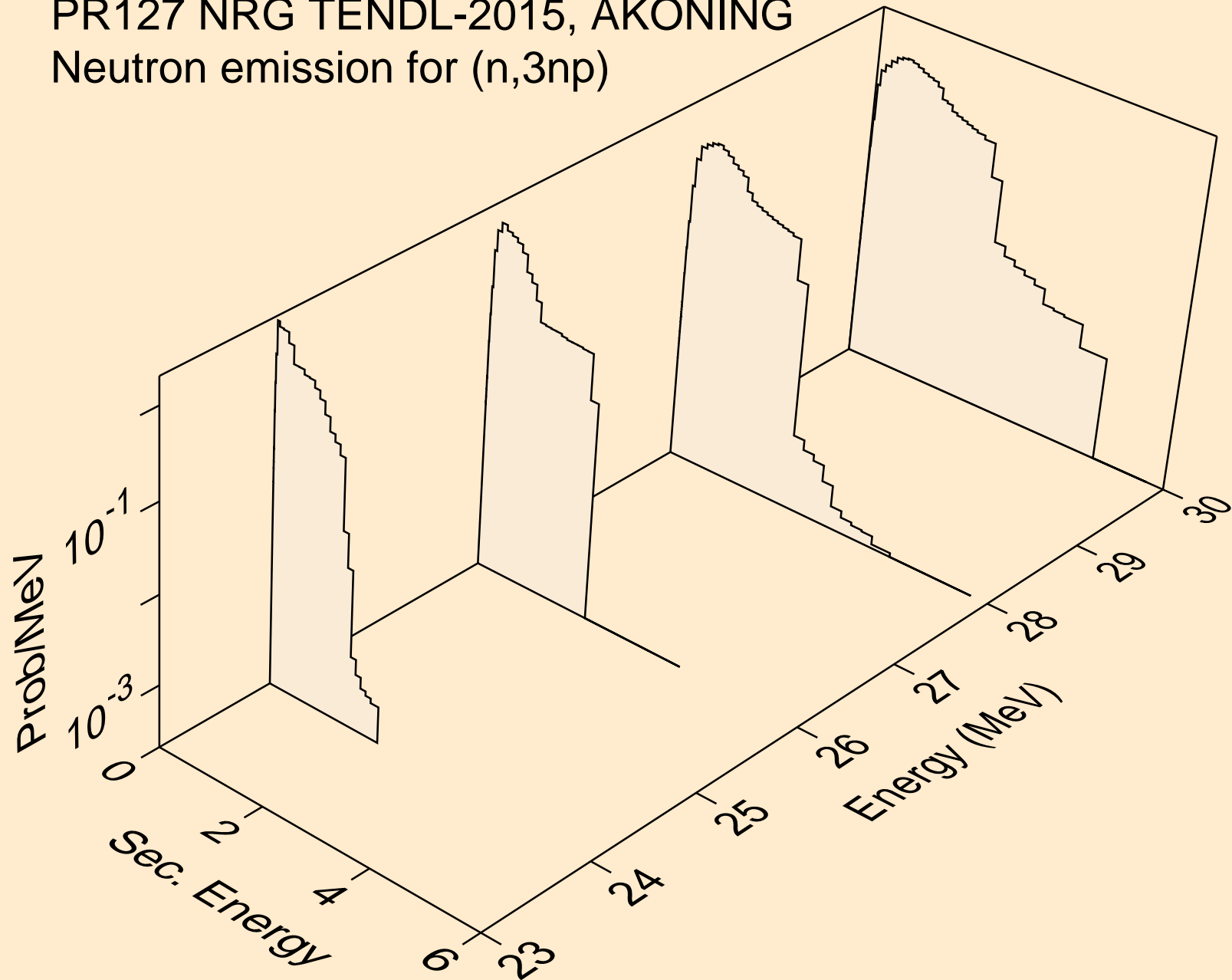
PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



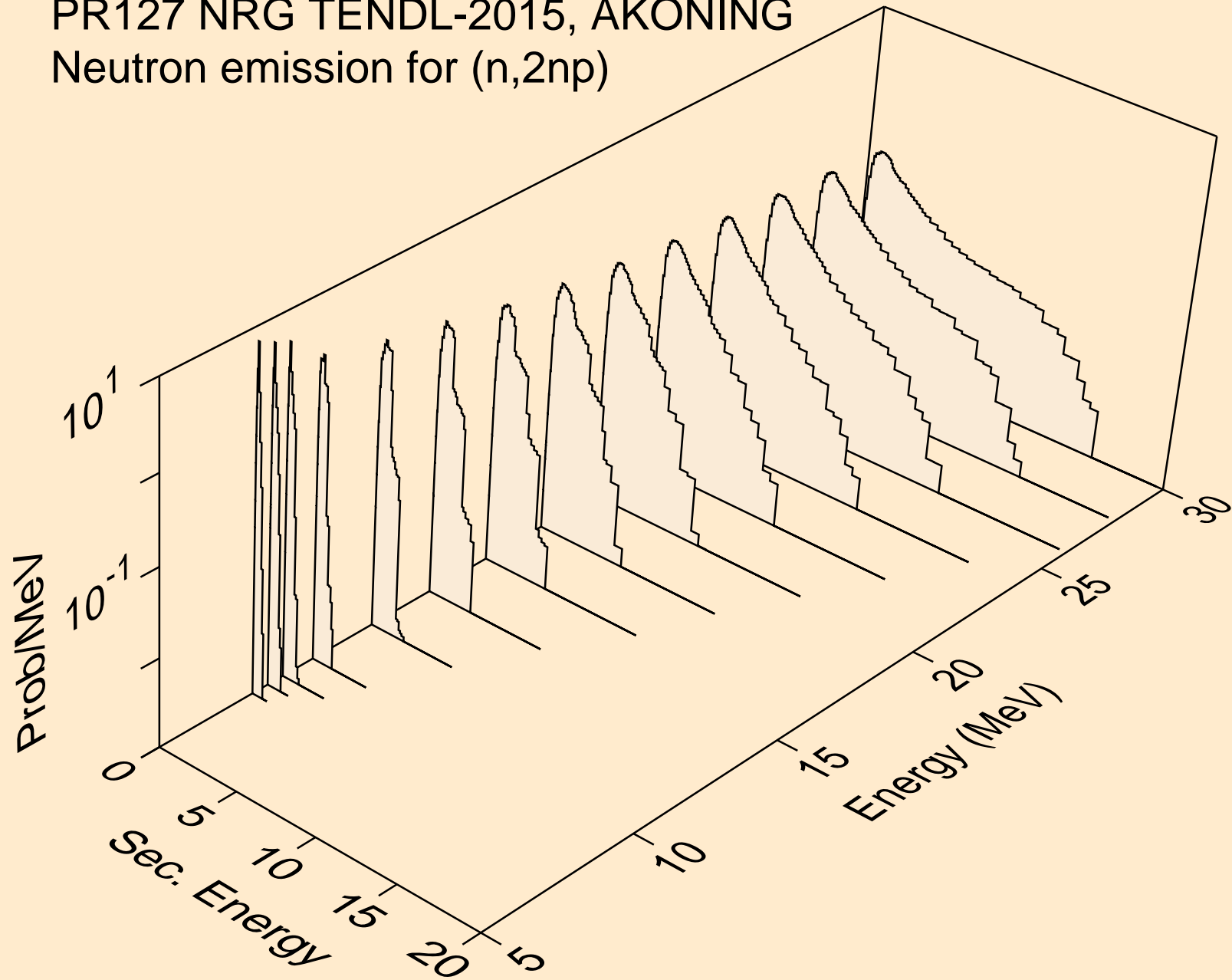
PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



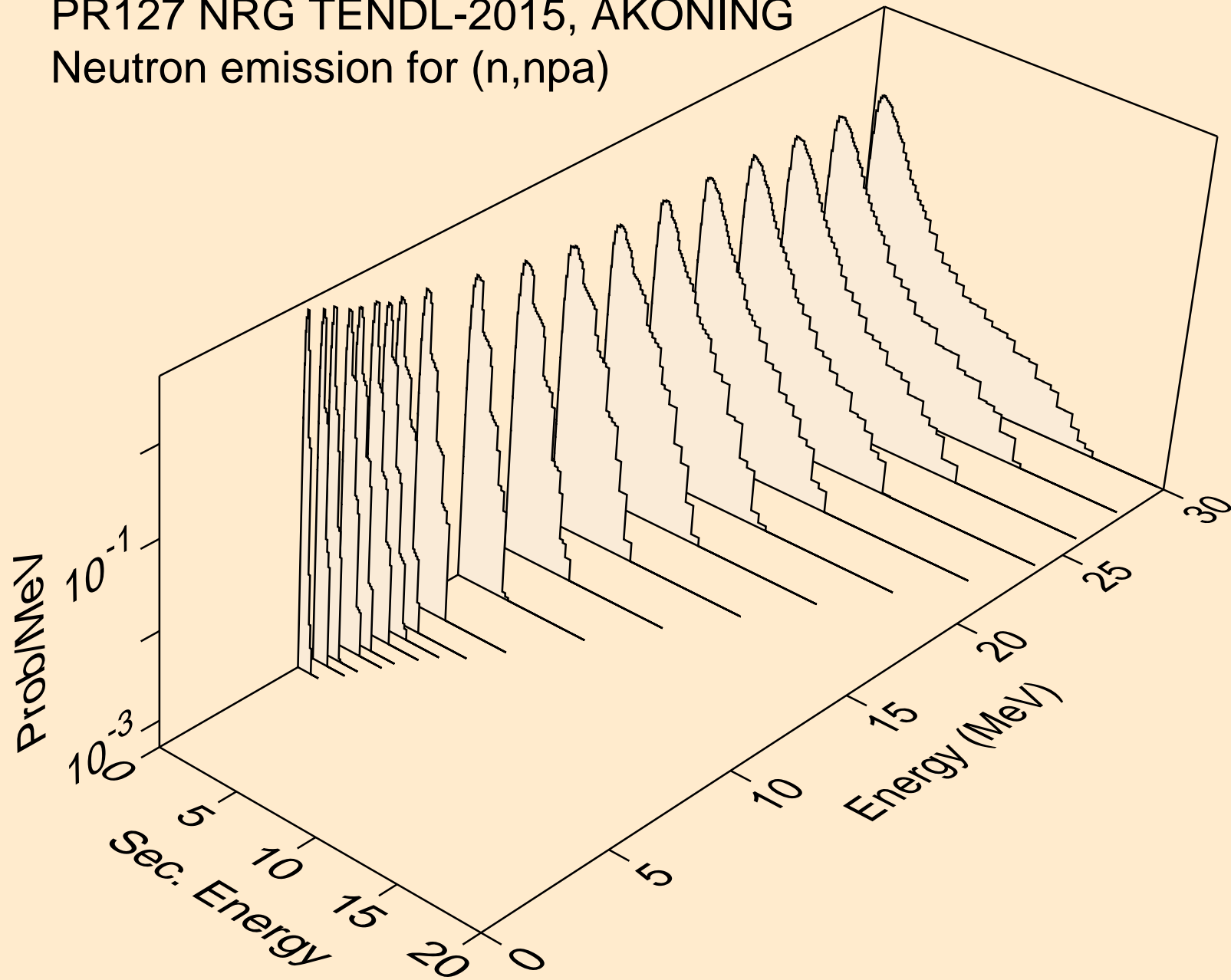
PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

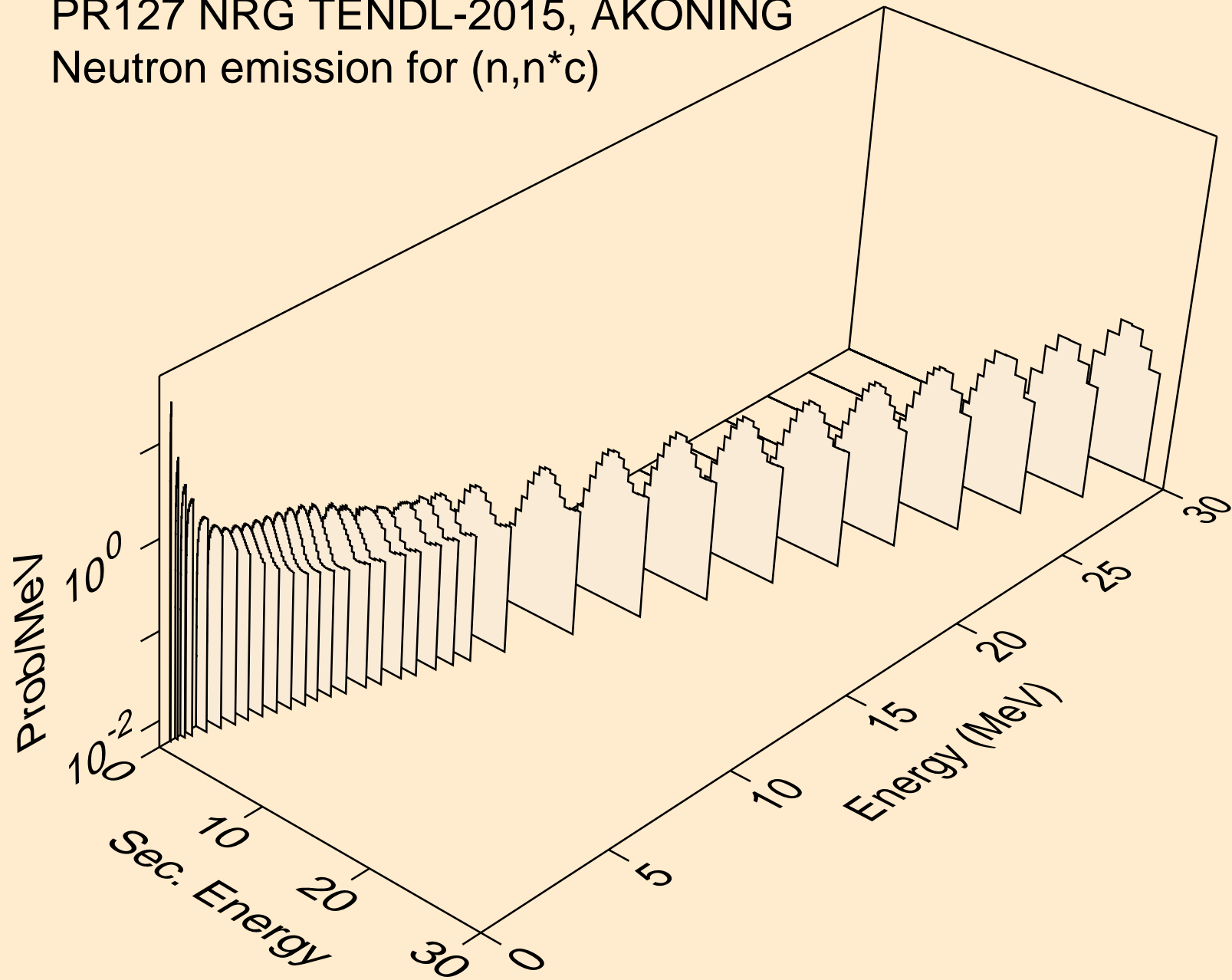


PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

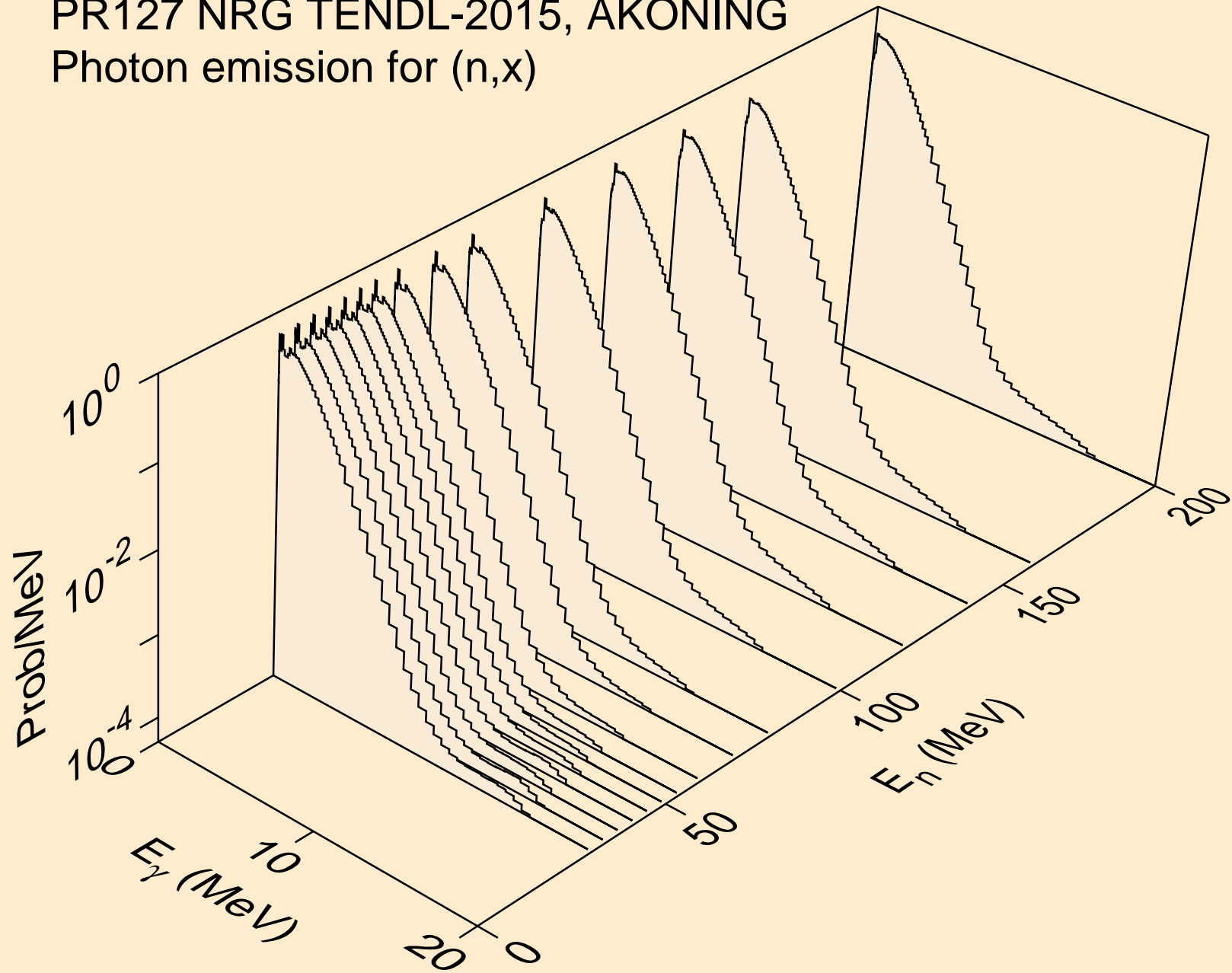




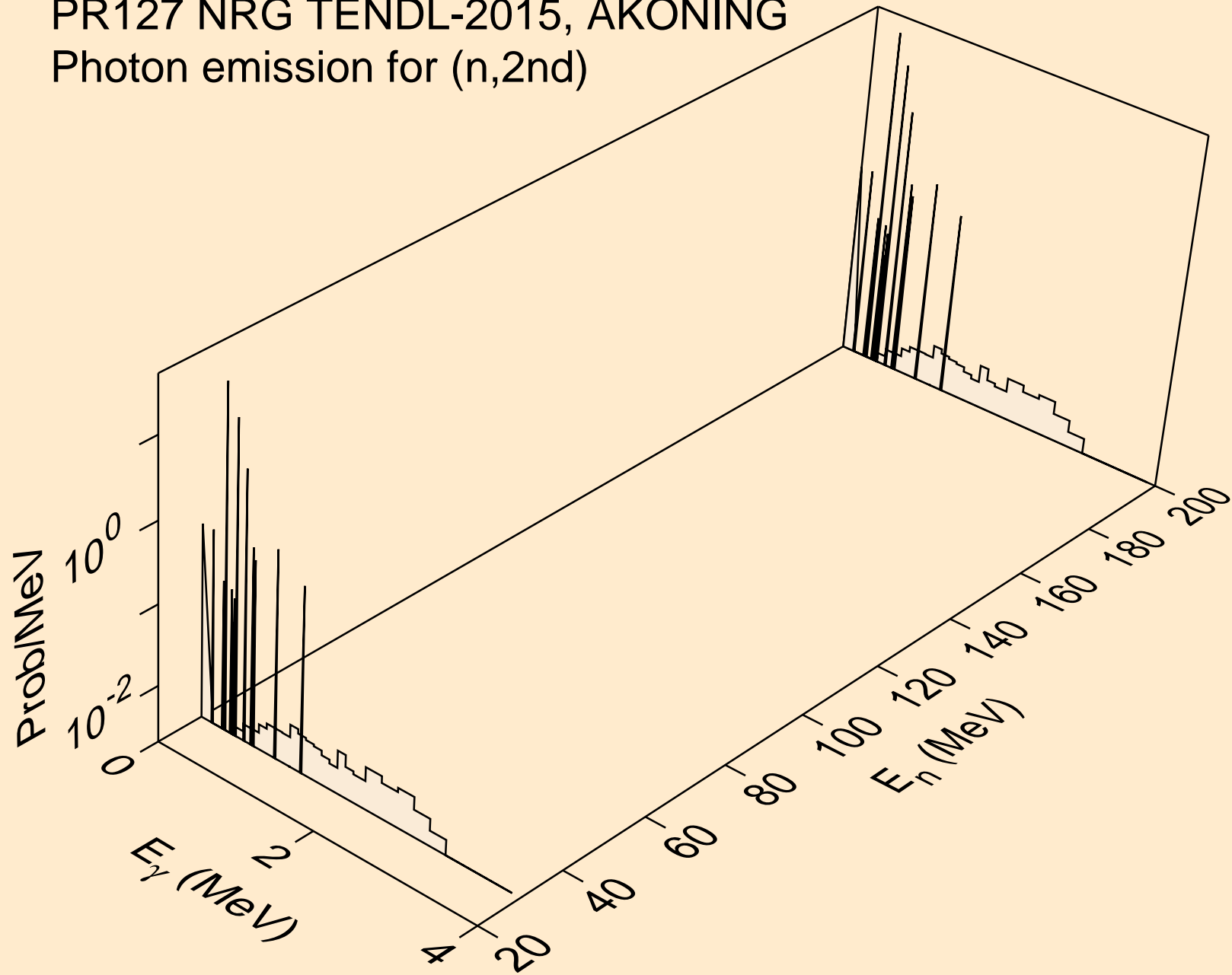
PR127 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



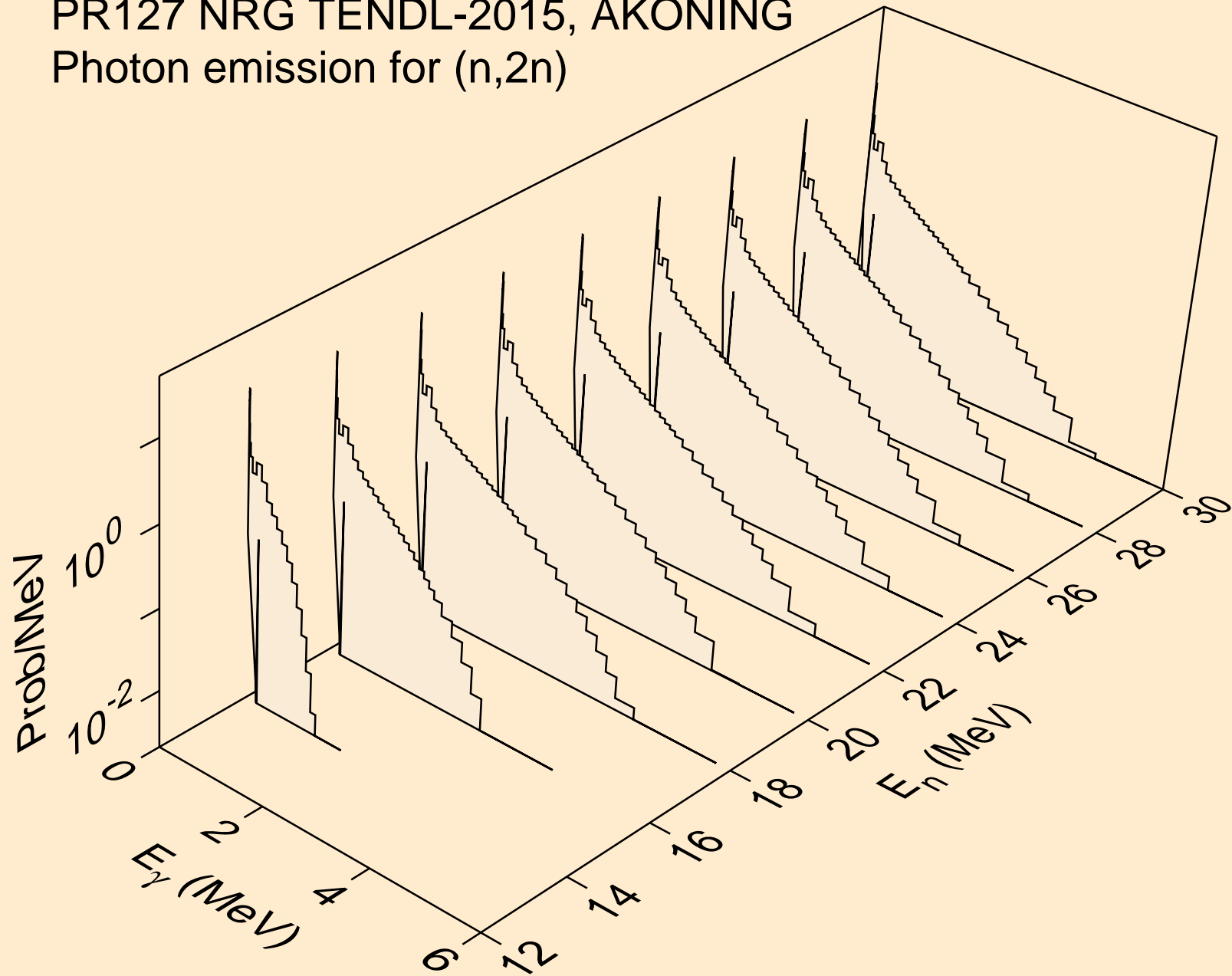
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



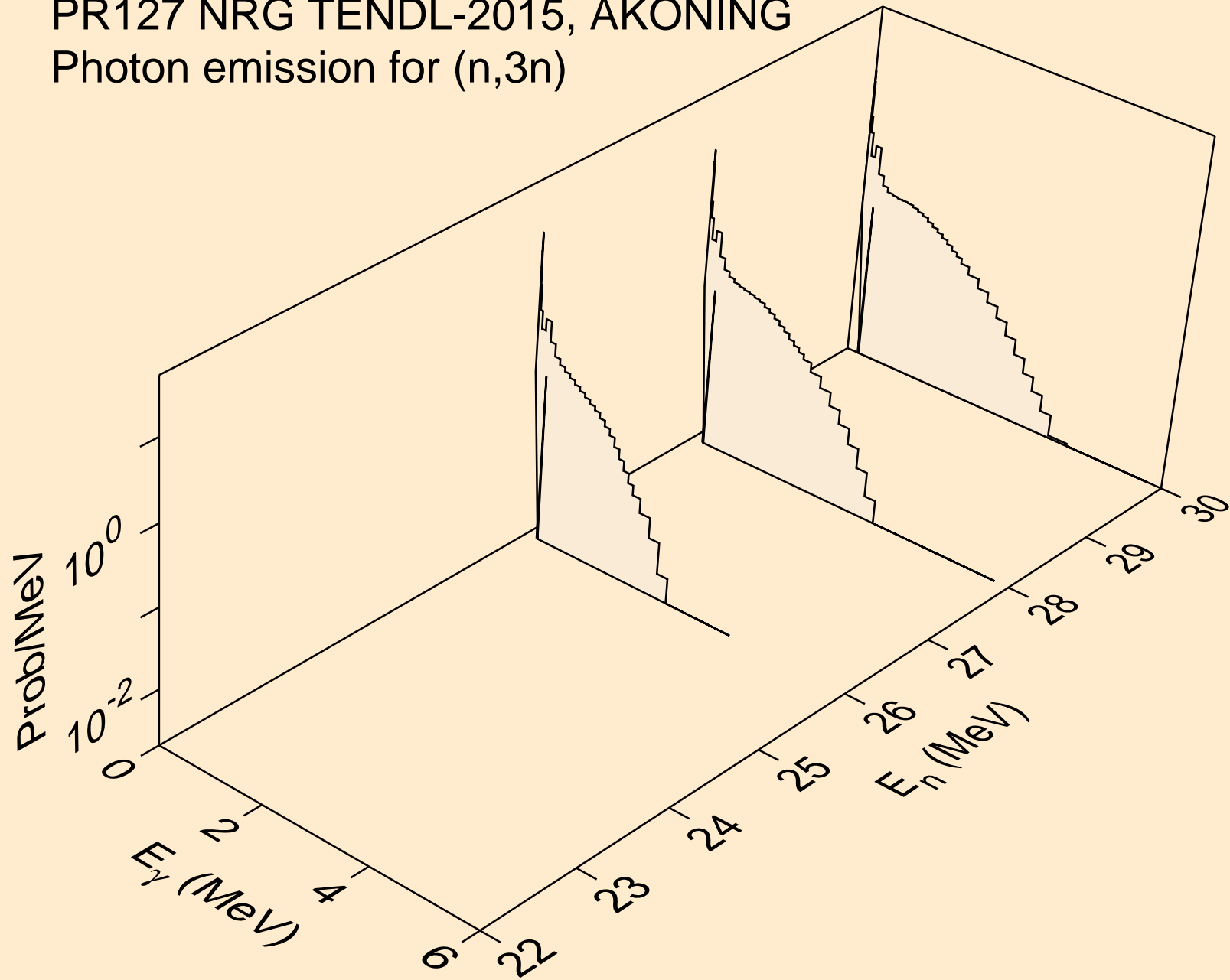
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



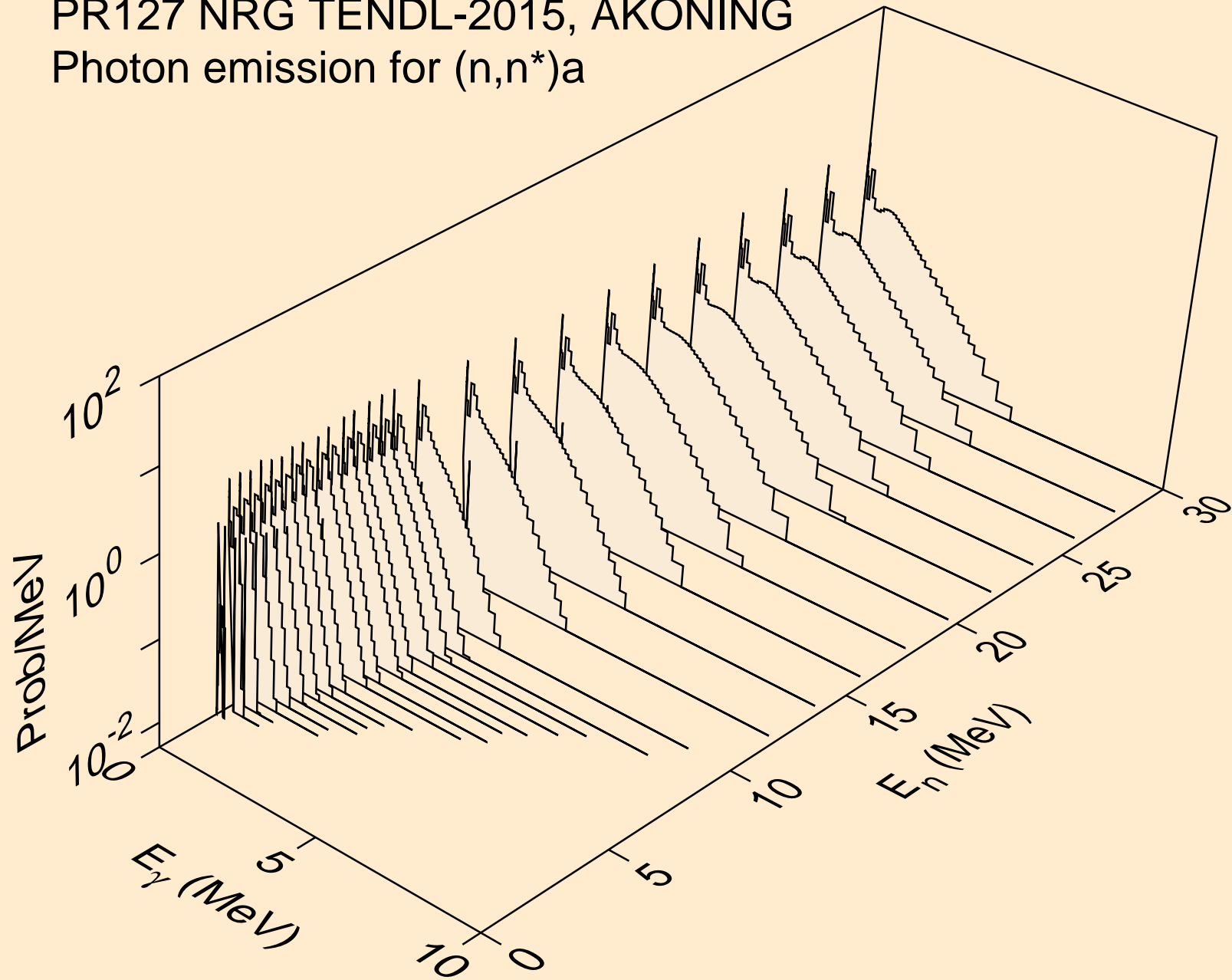
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



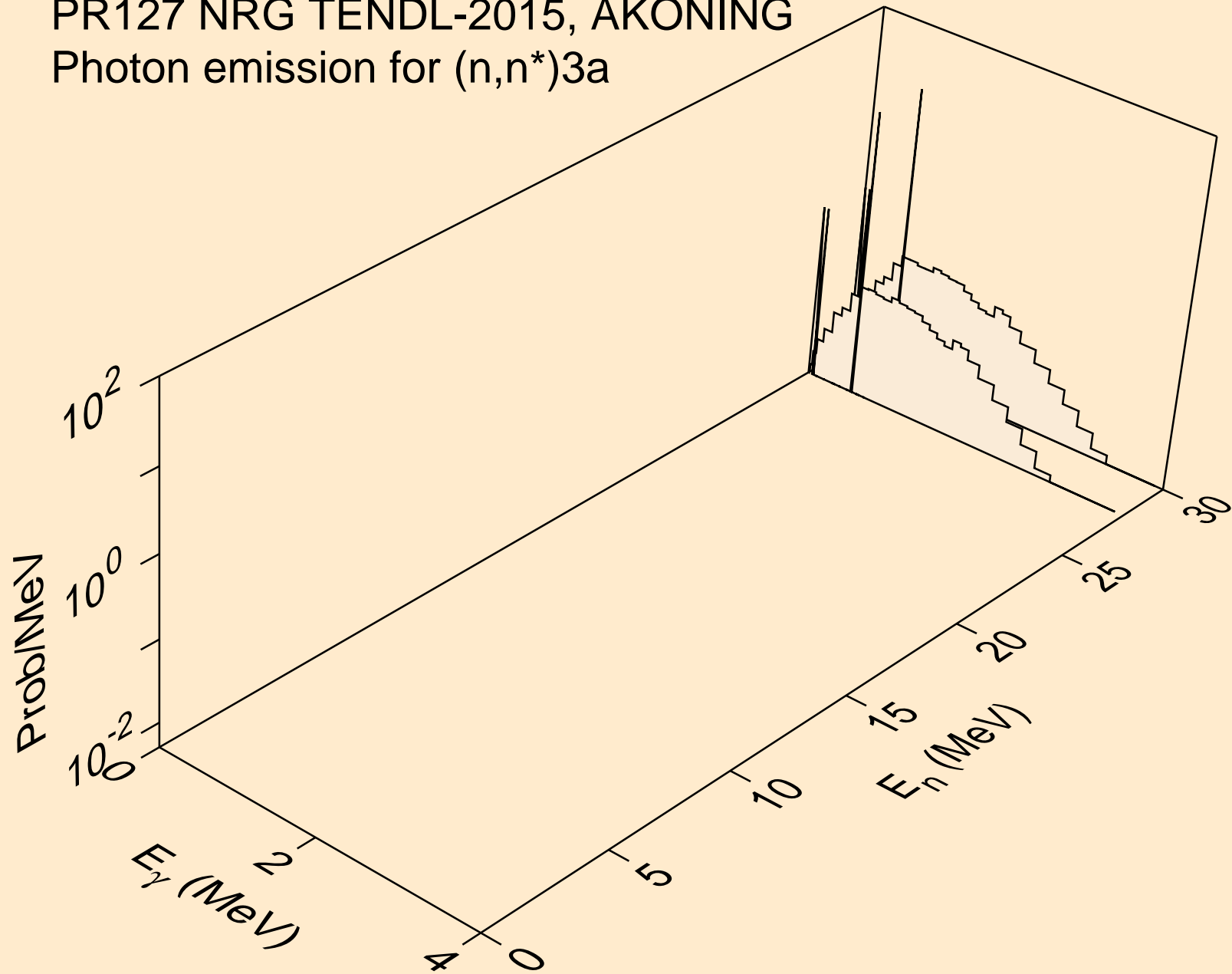
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



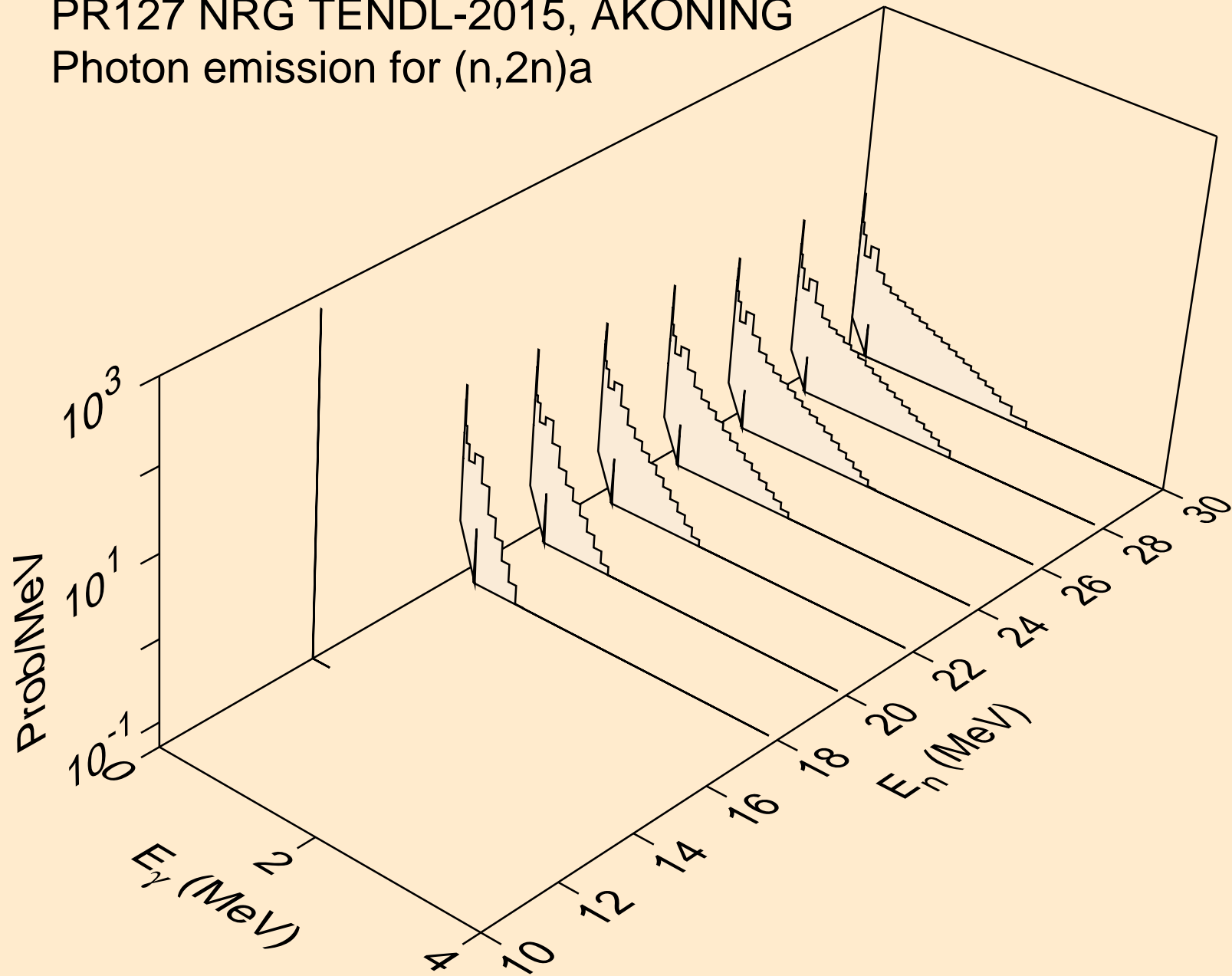
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a

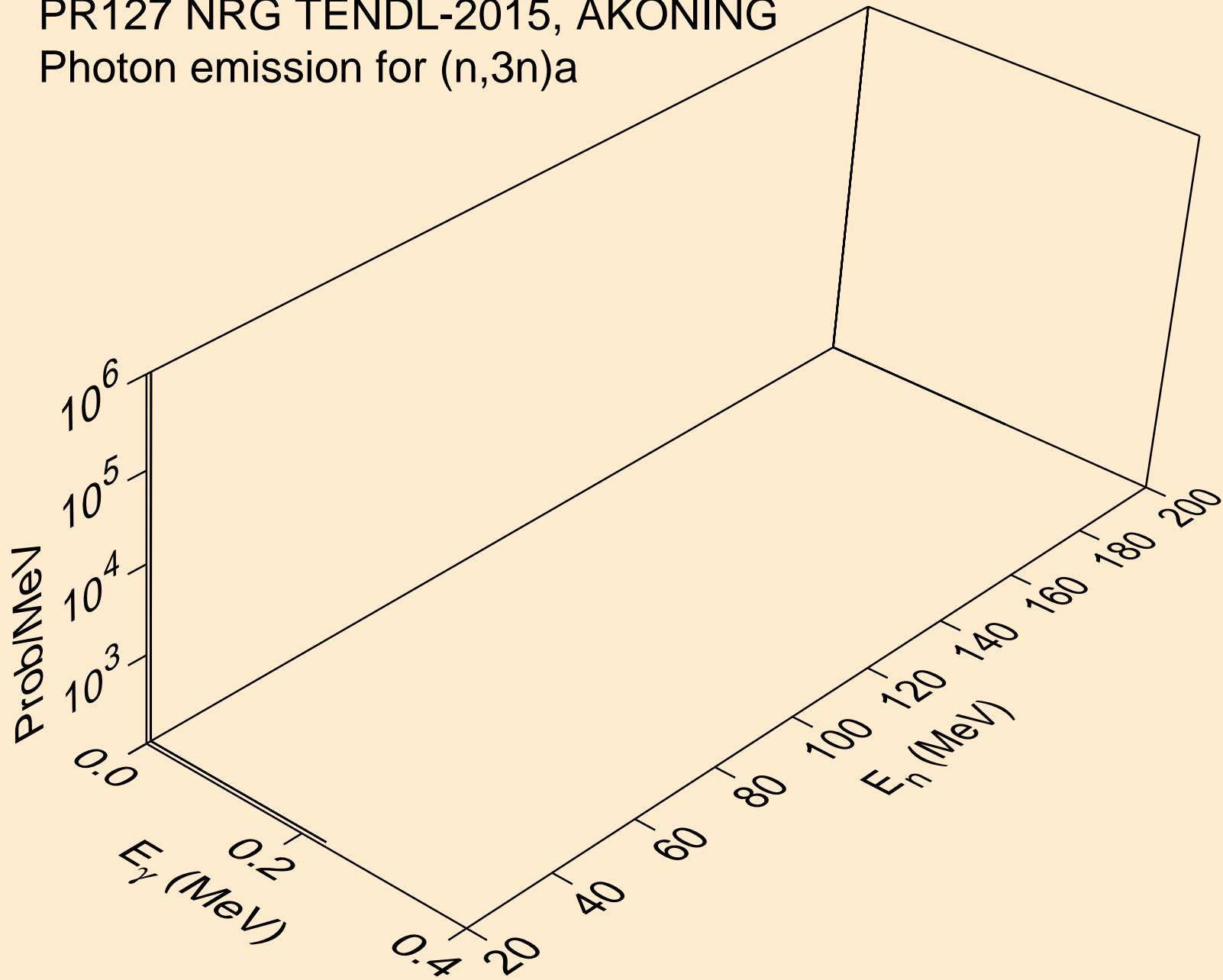


PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a

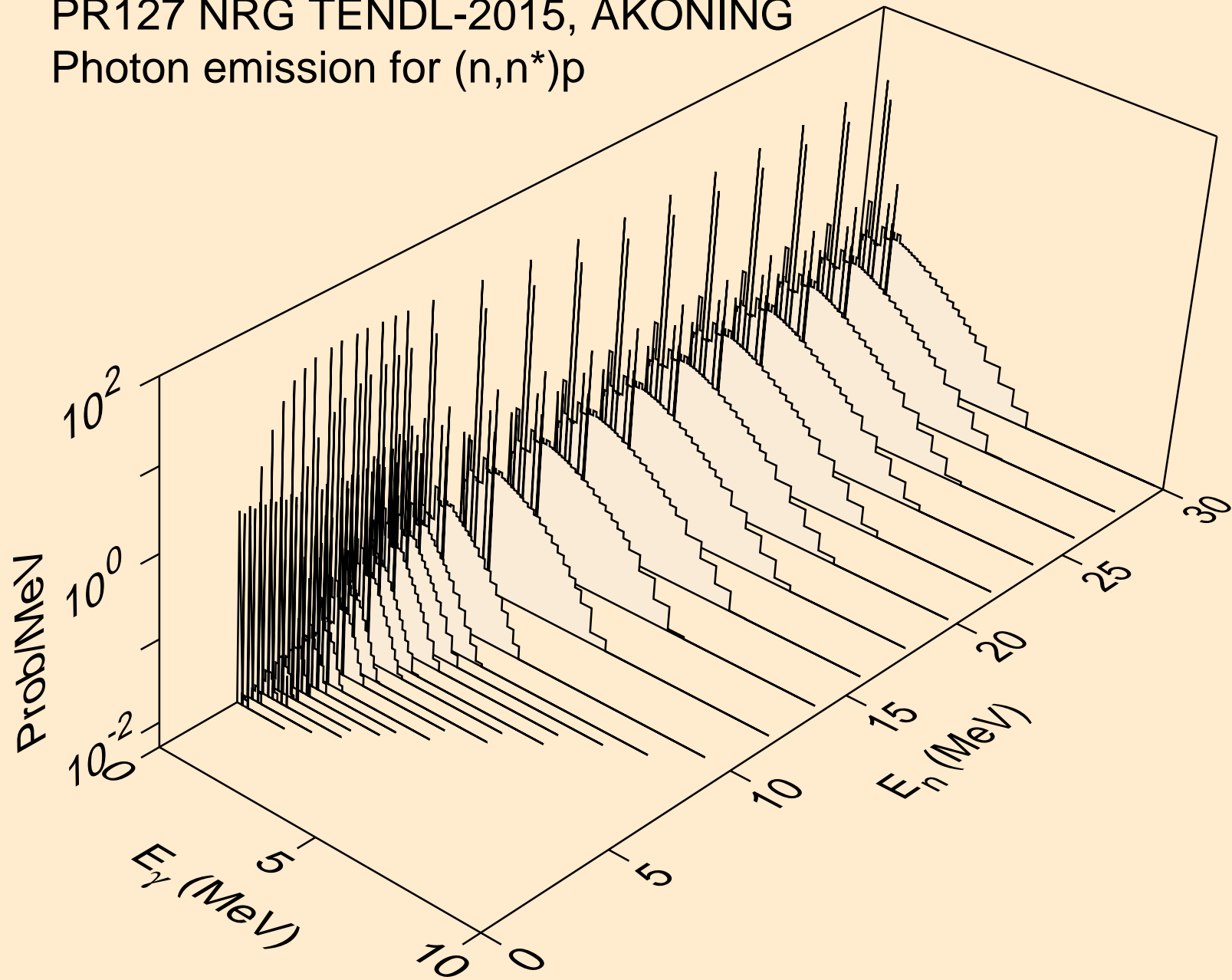




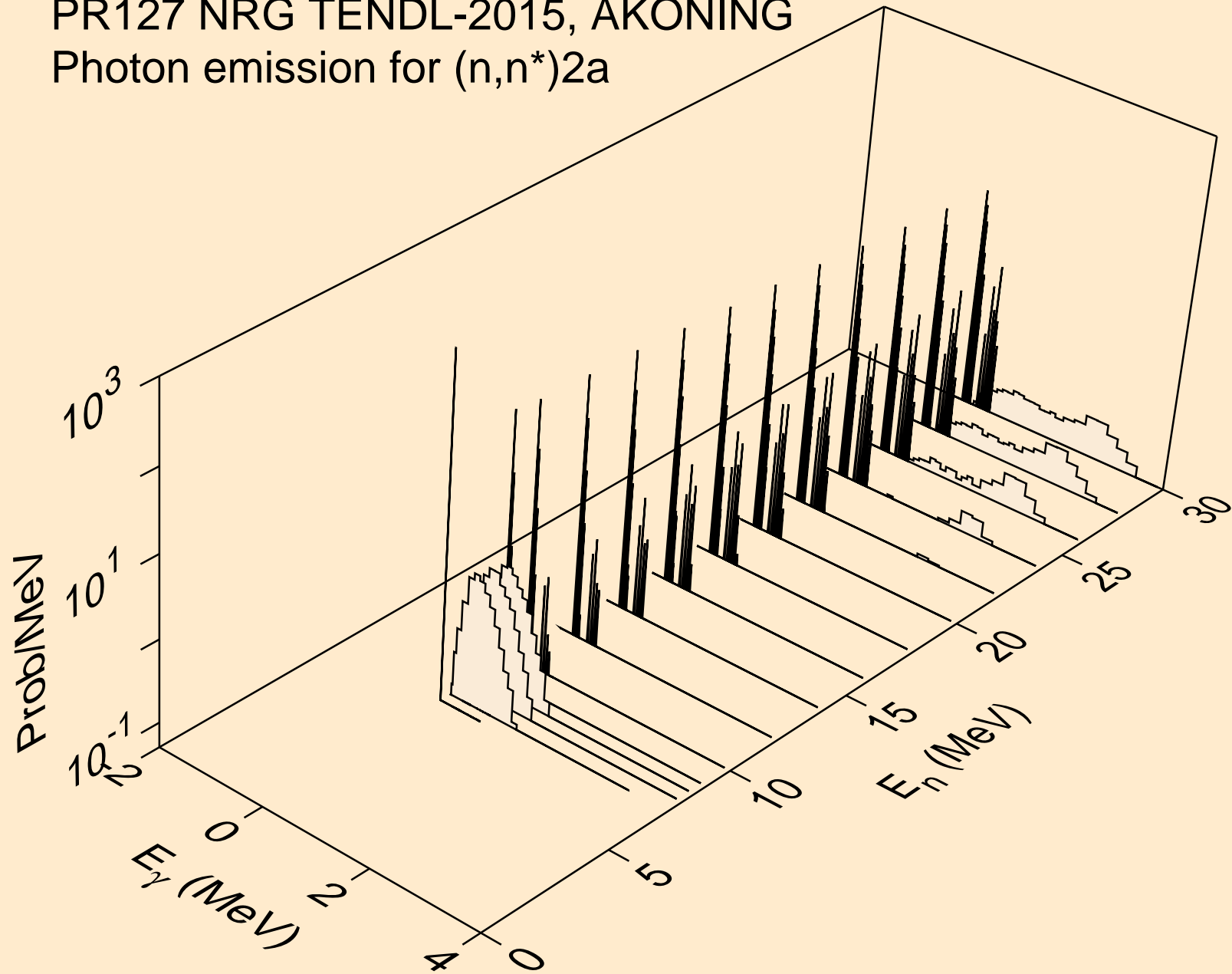
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



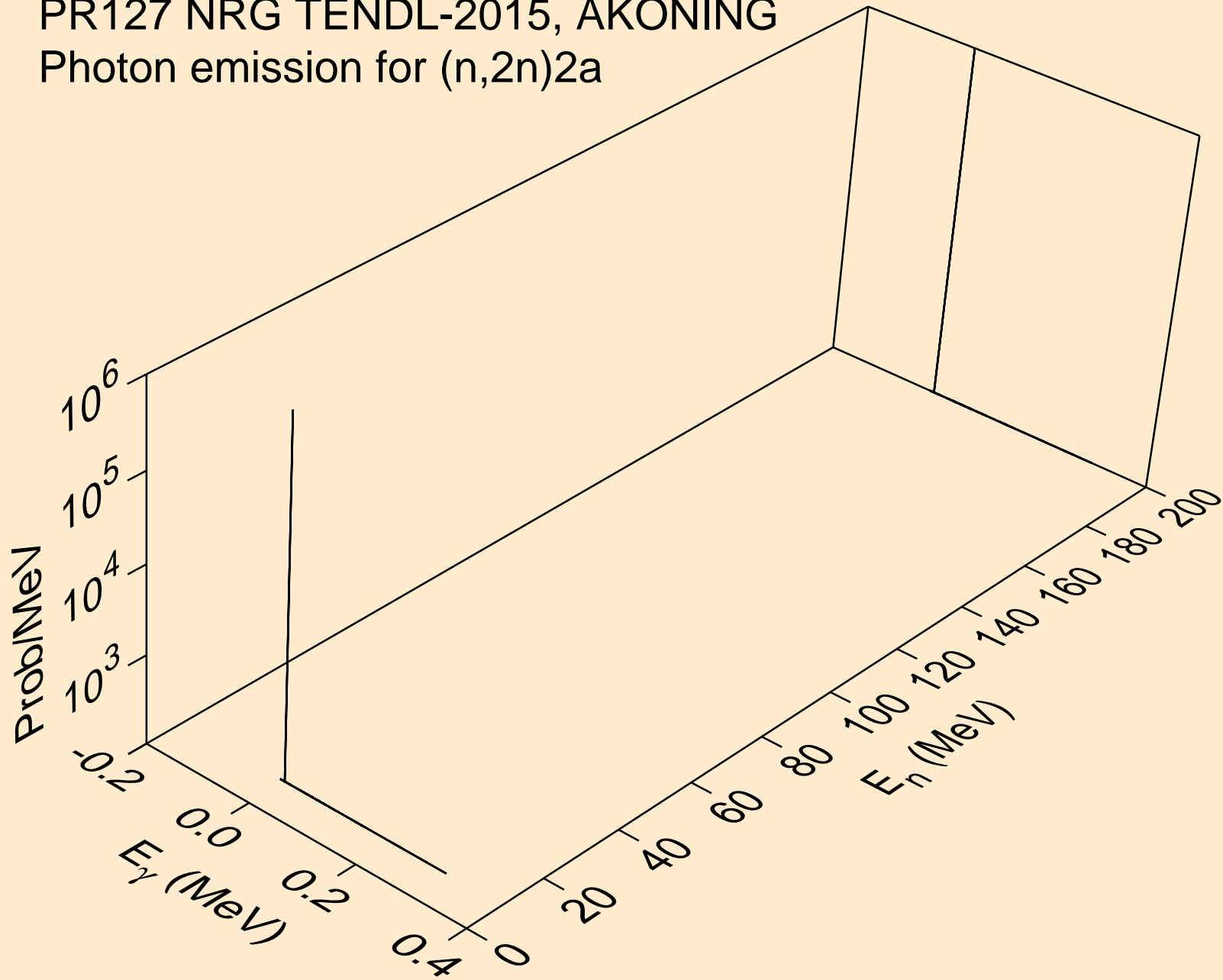
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



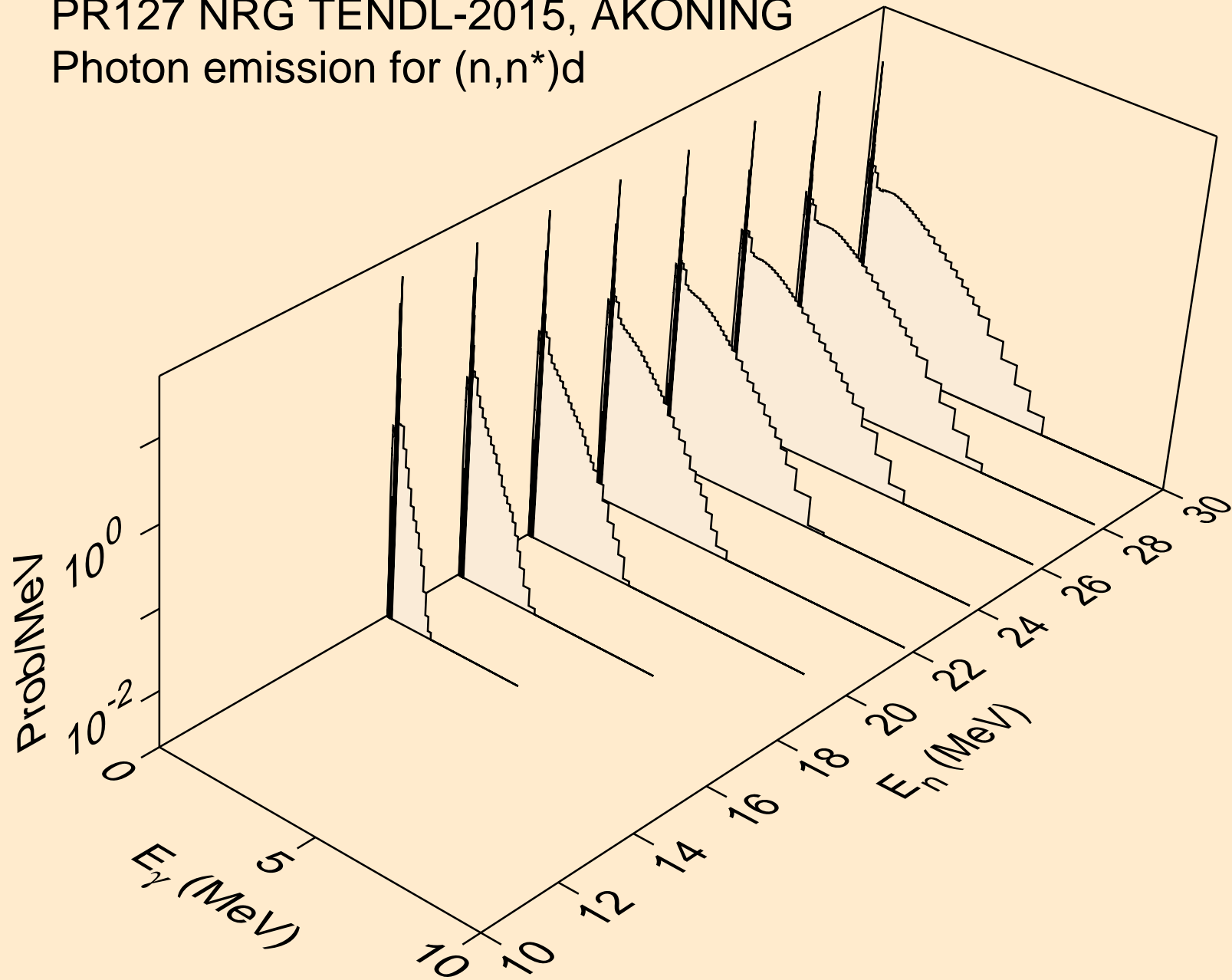
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



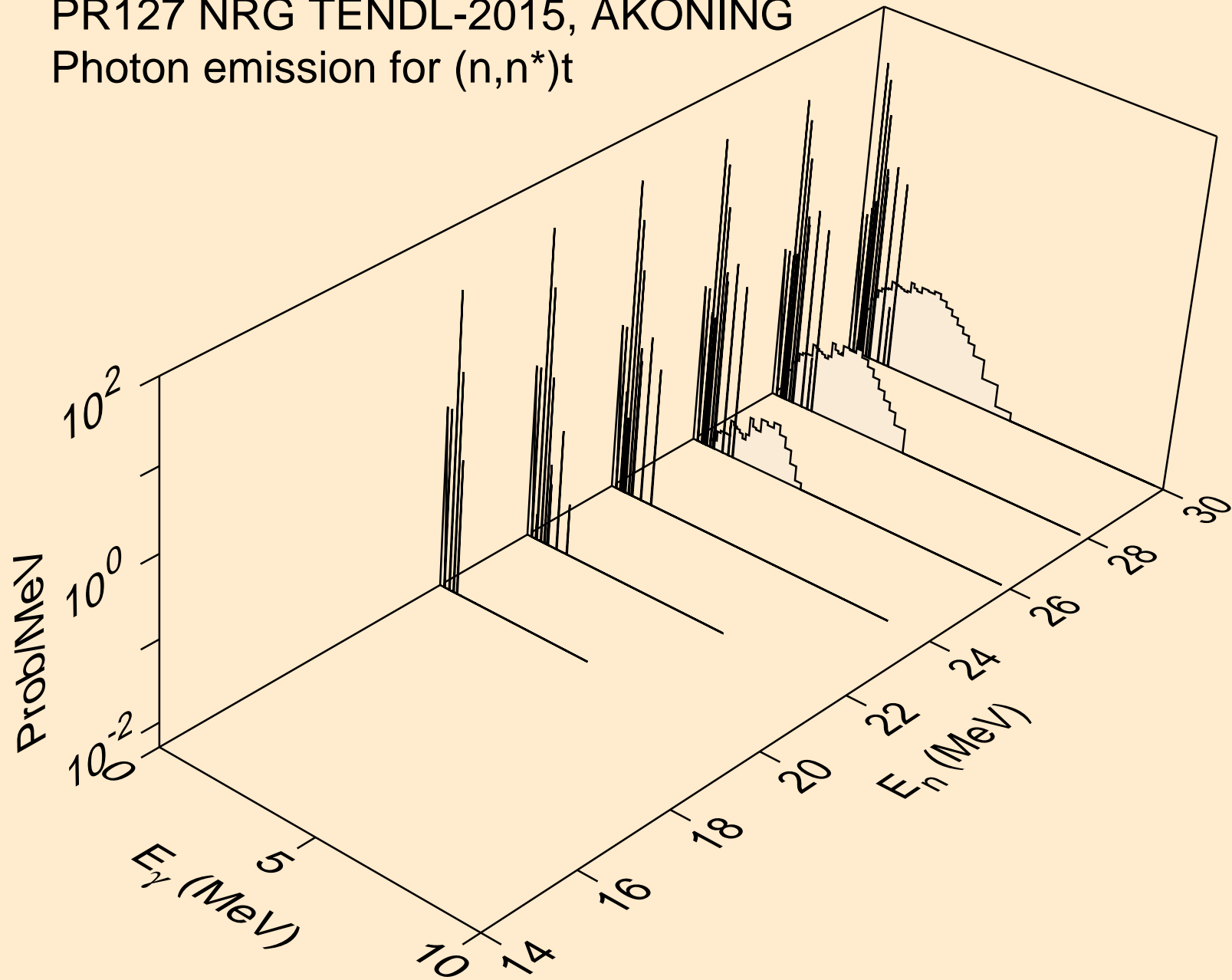
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



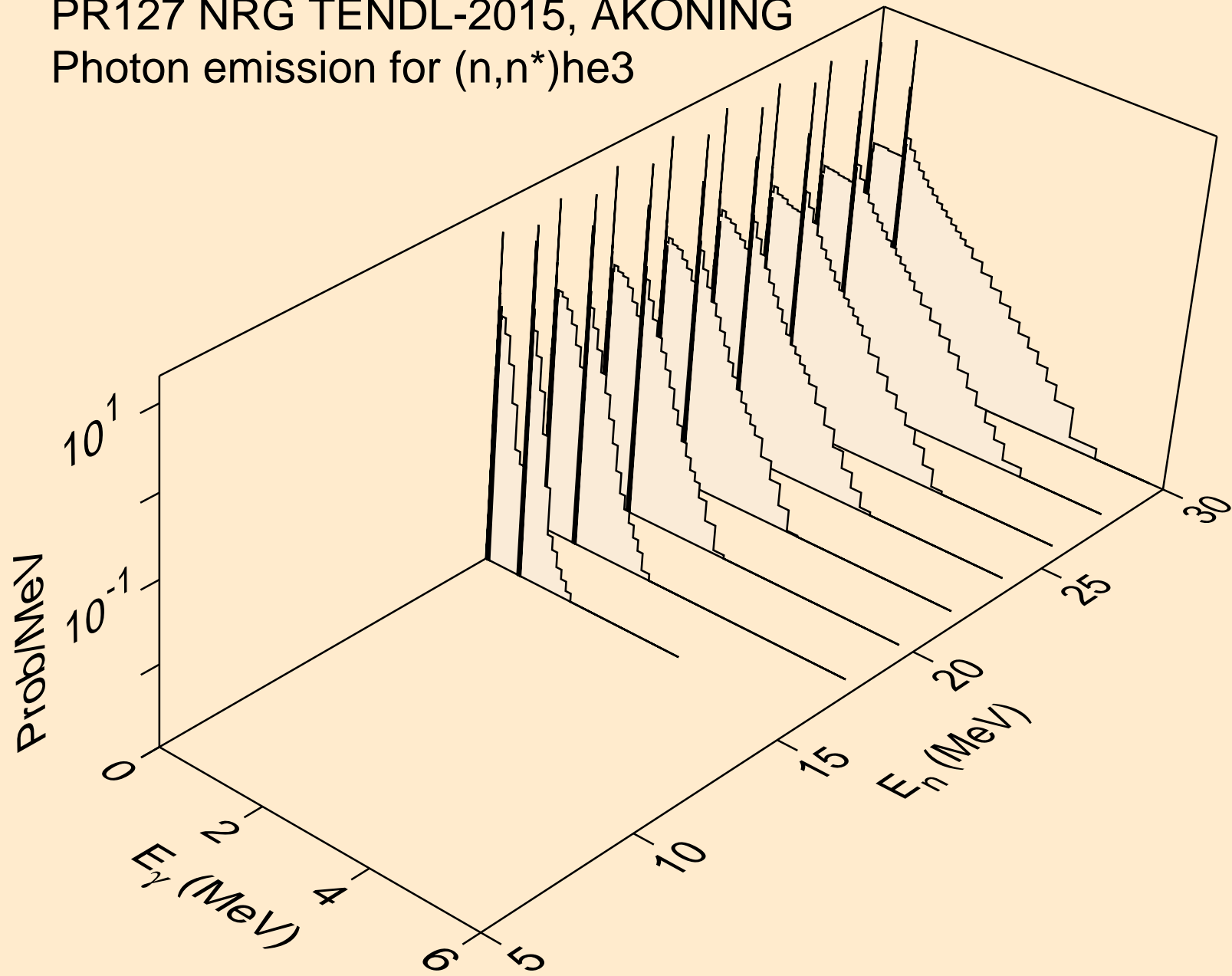
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



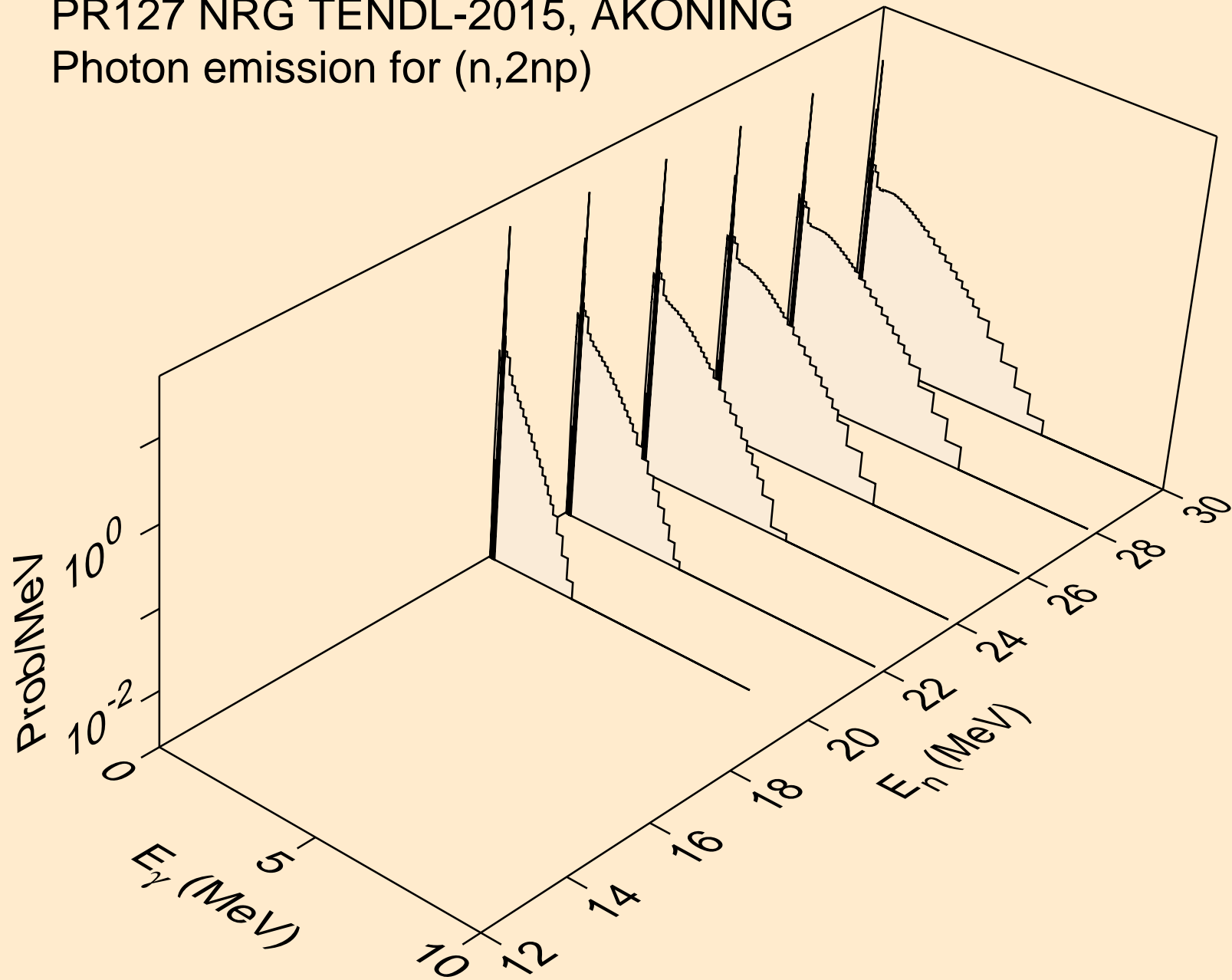
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

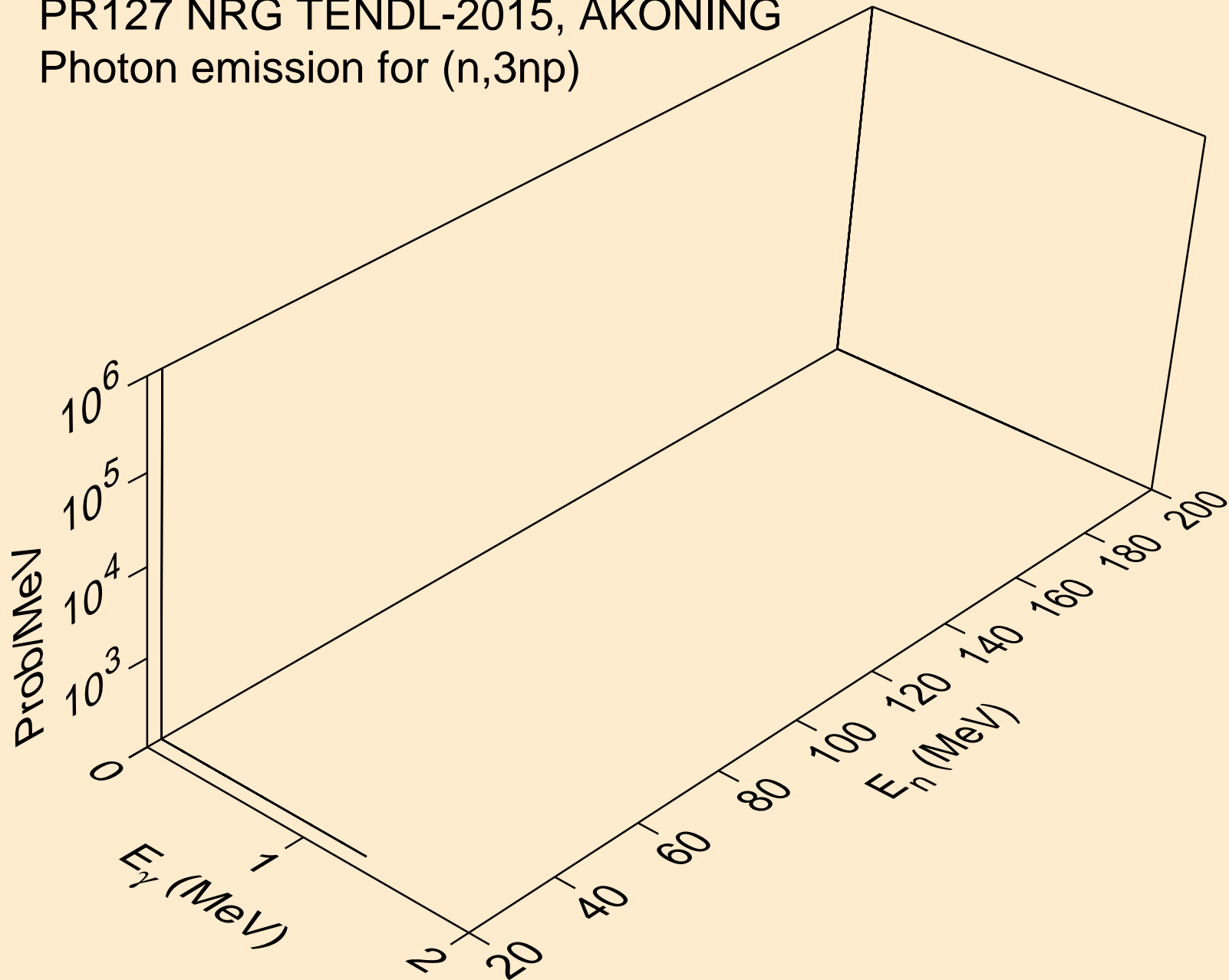


PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

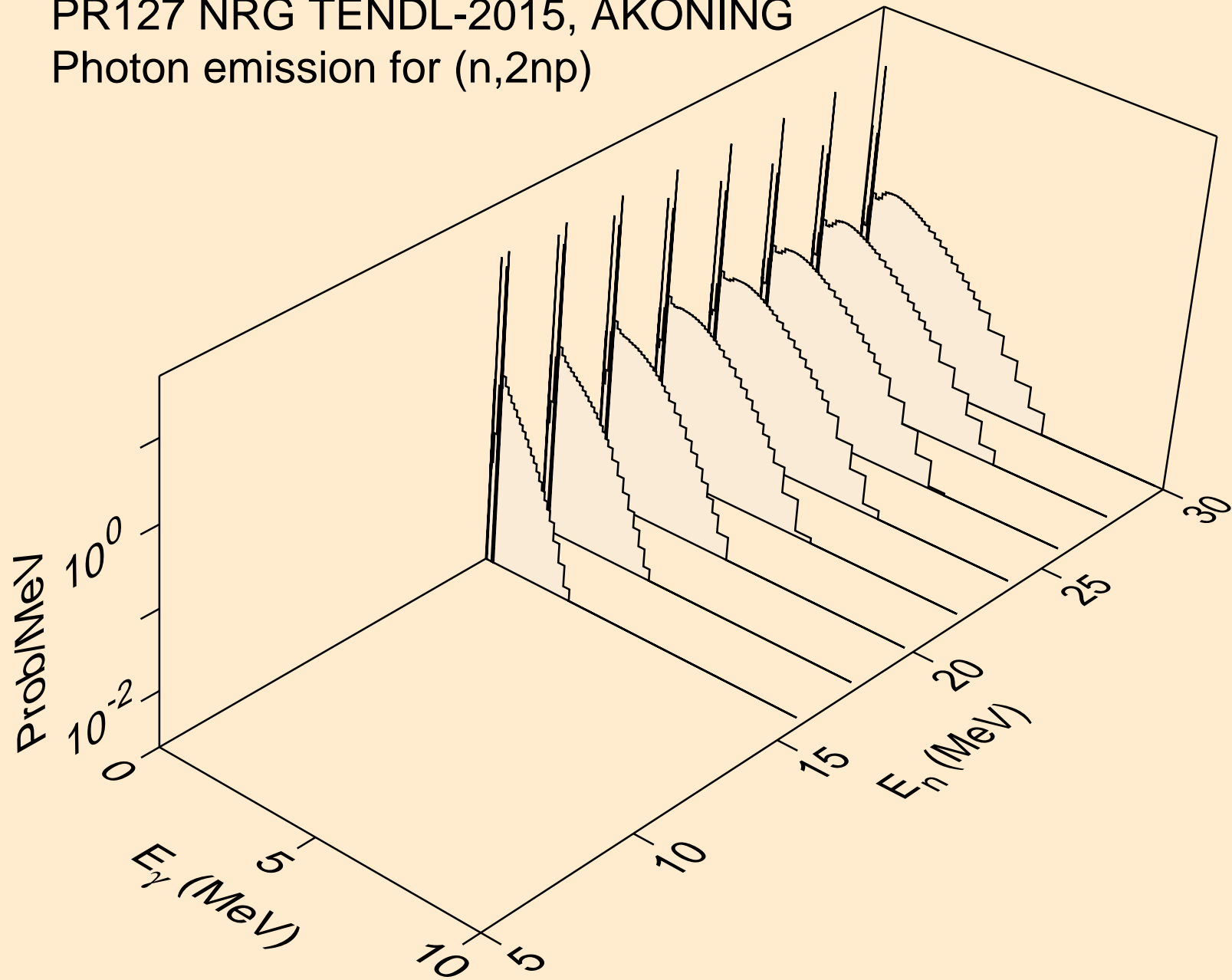




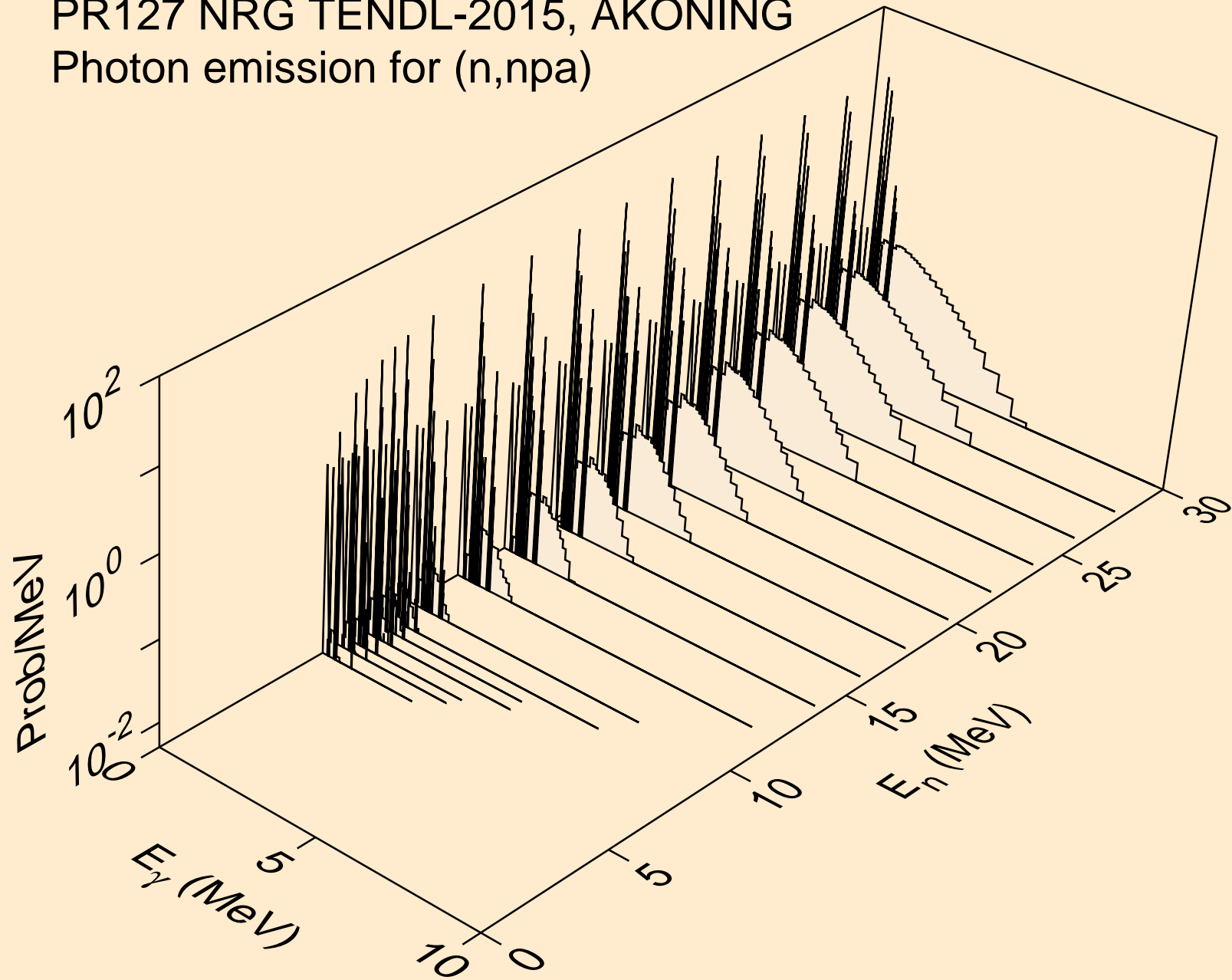
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



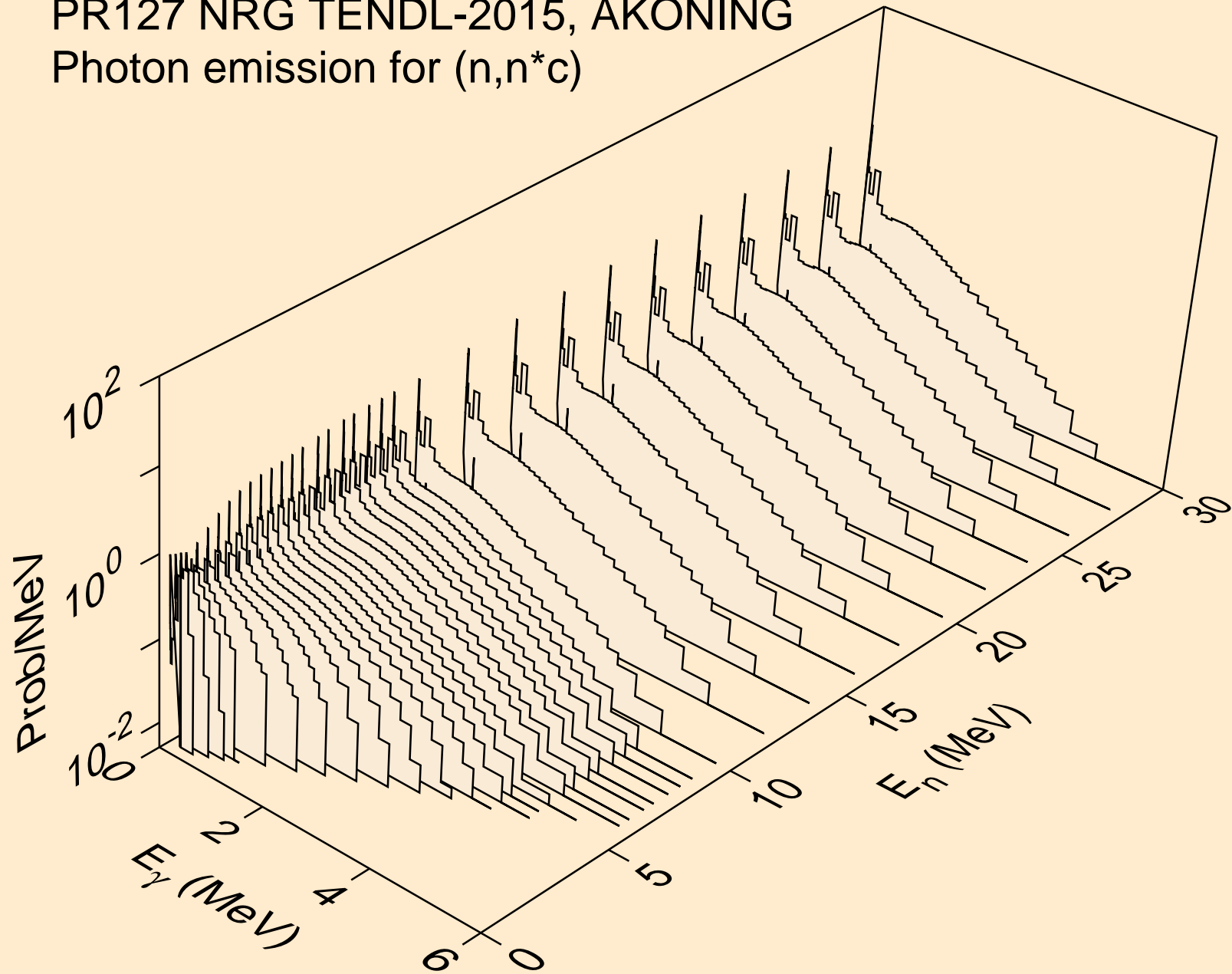
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



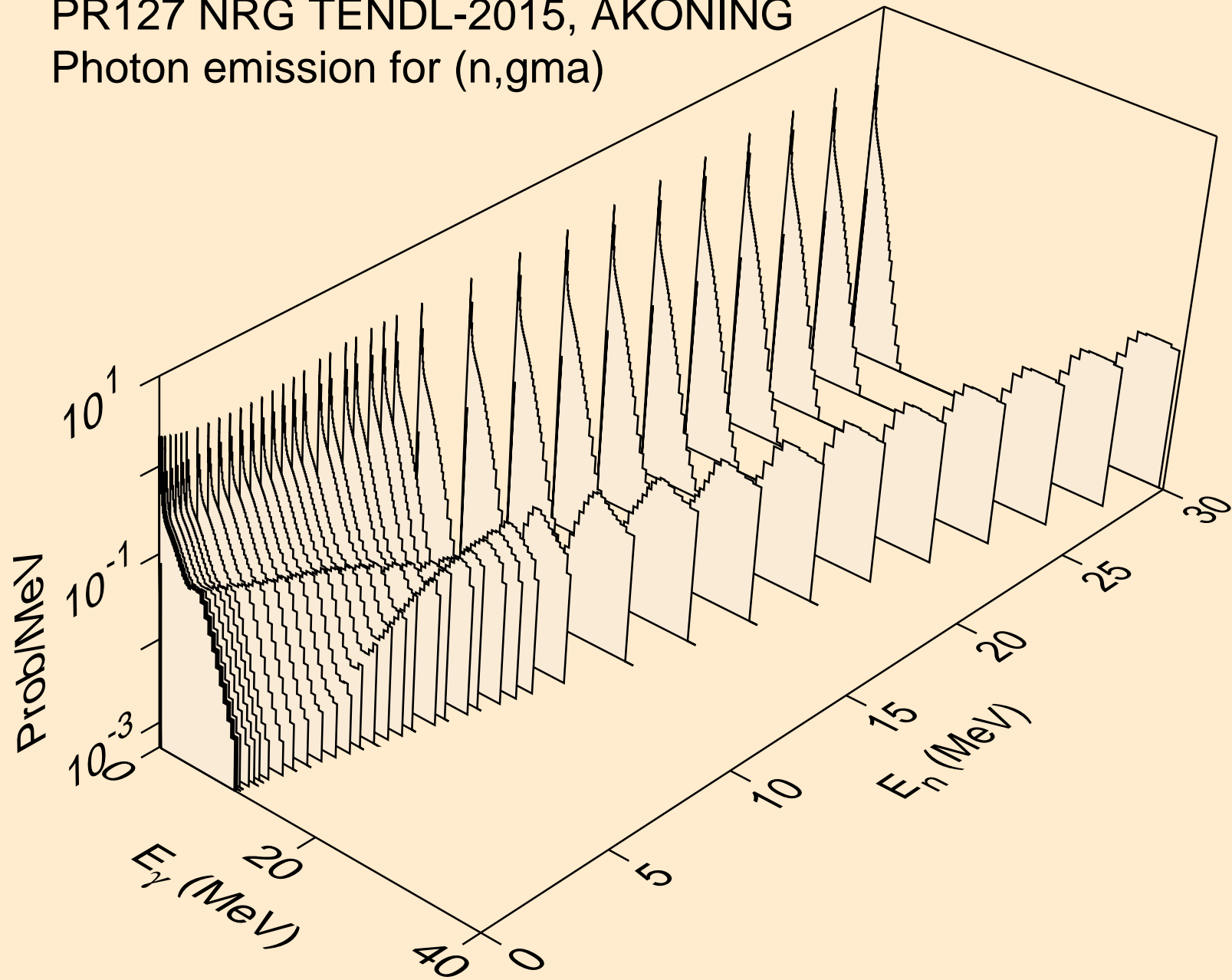
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



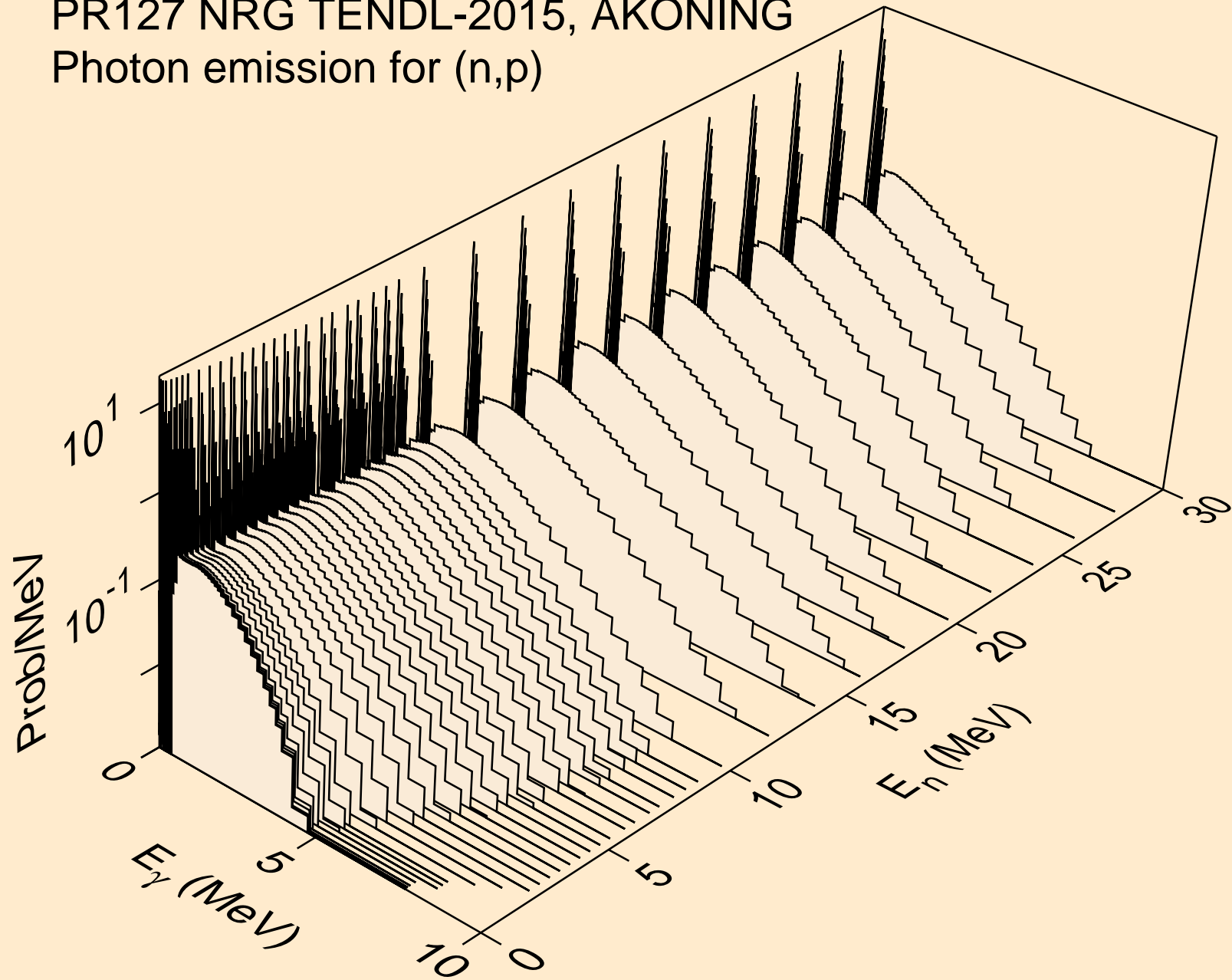
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



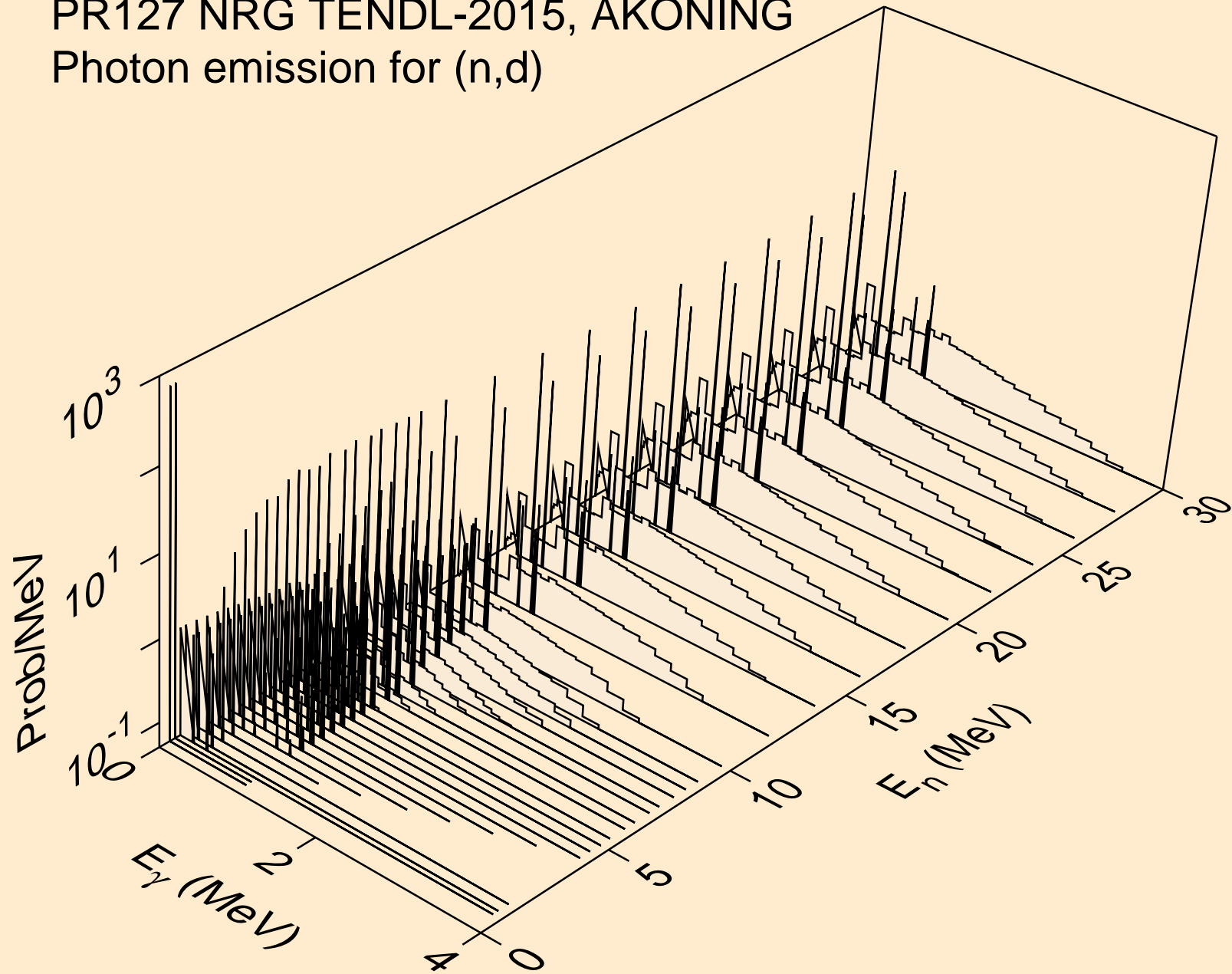
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



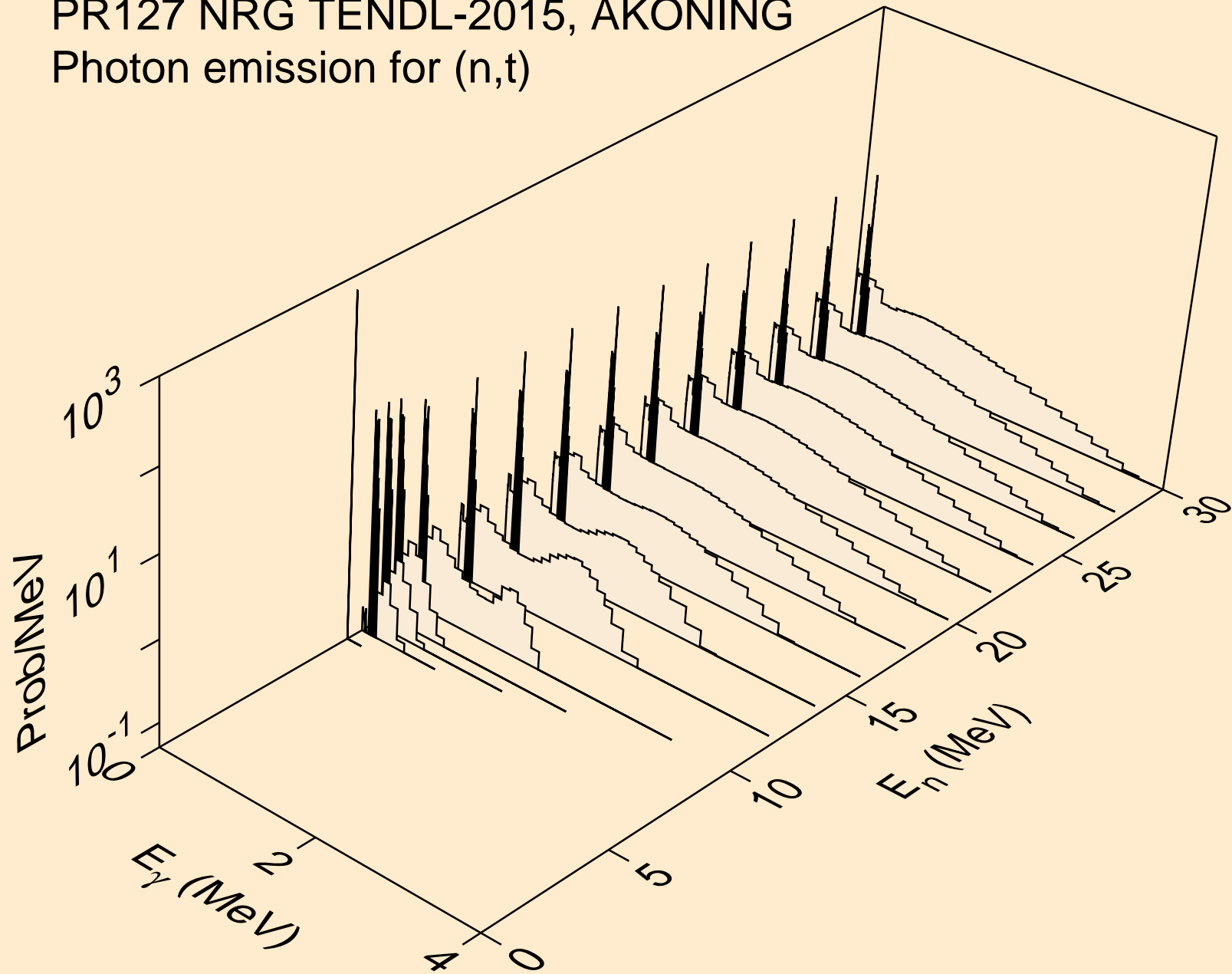
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

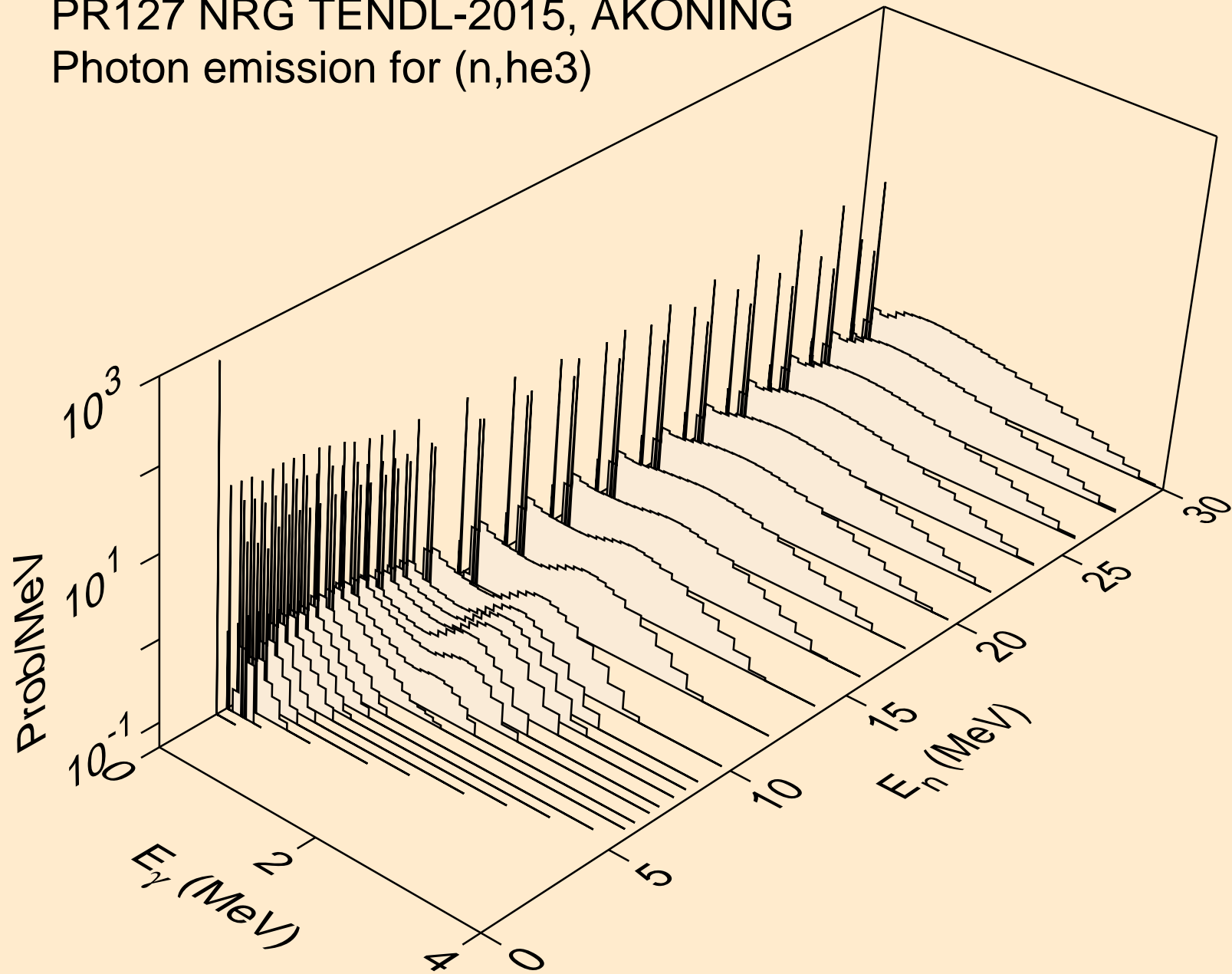


PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

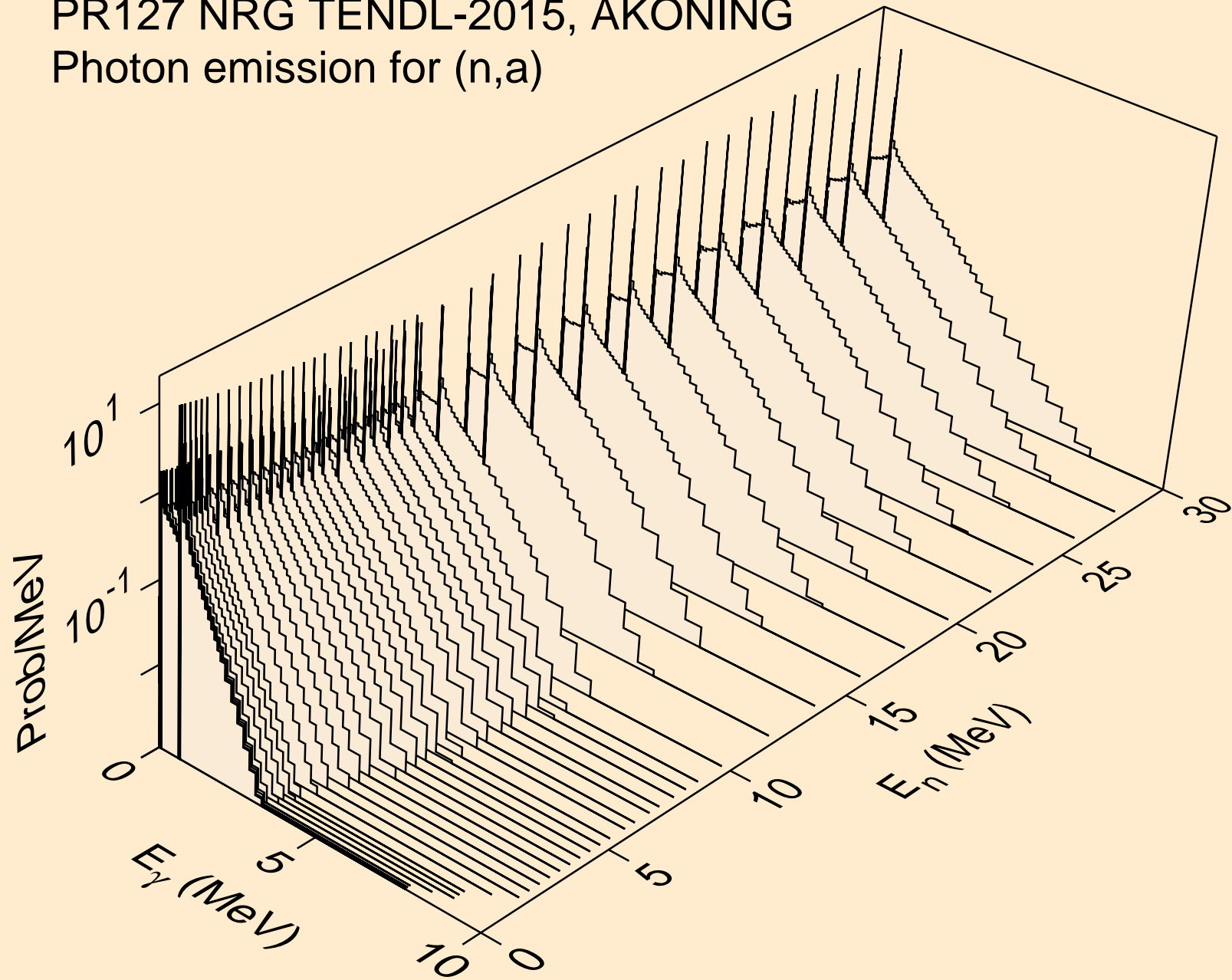




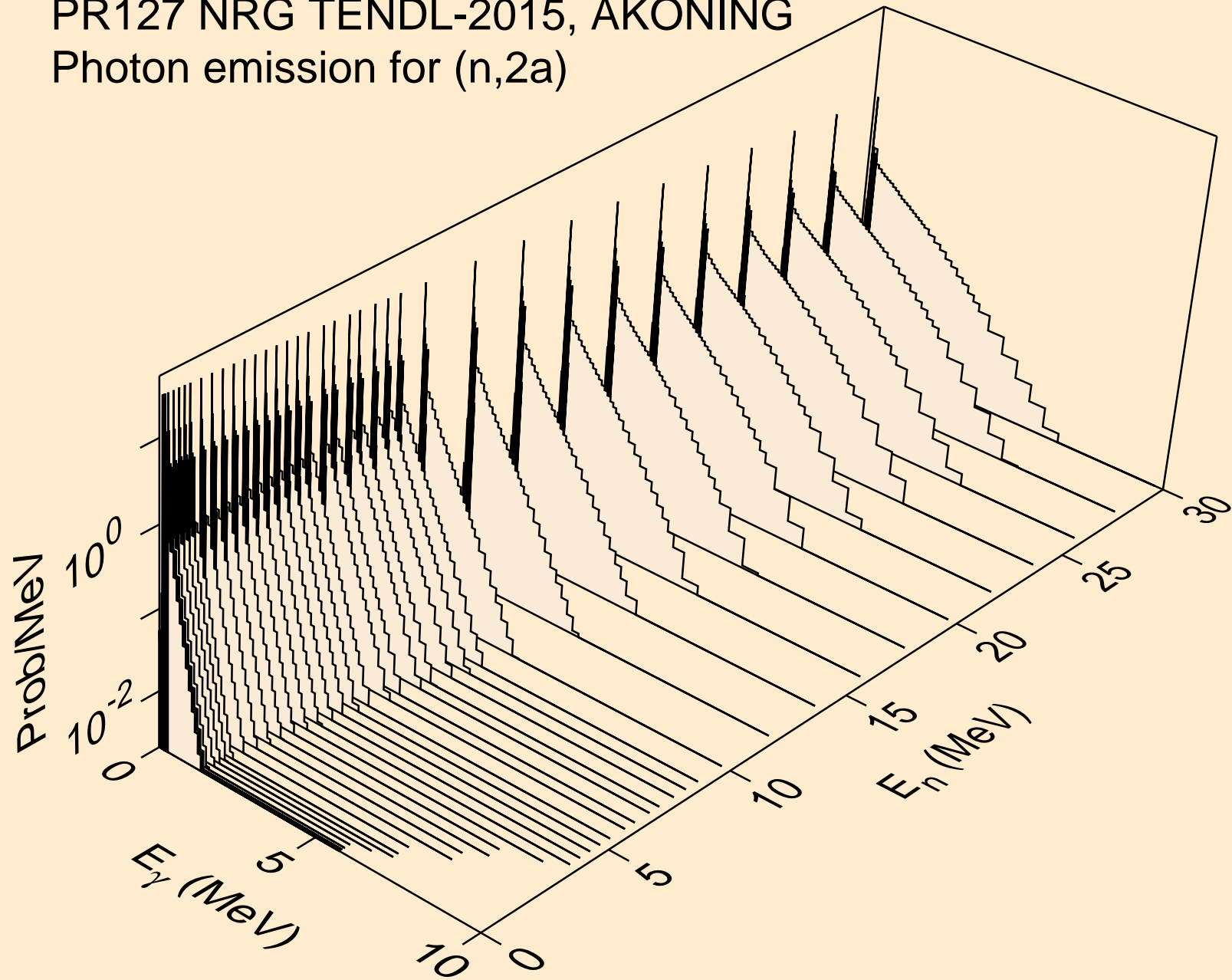
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



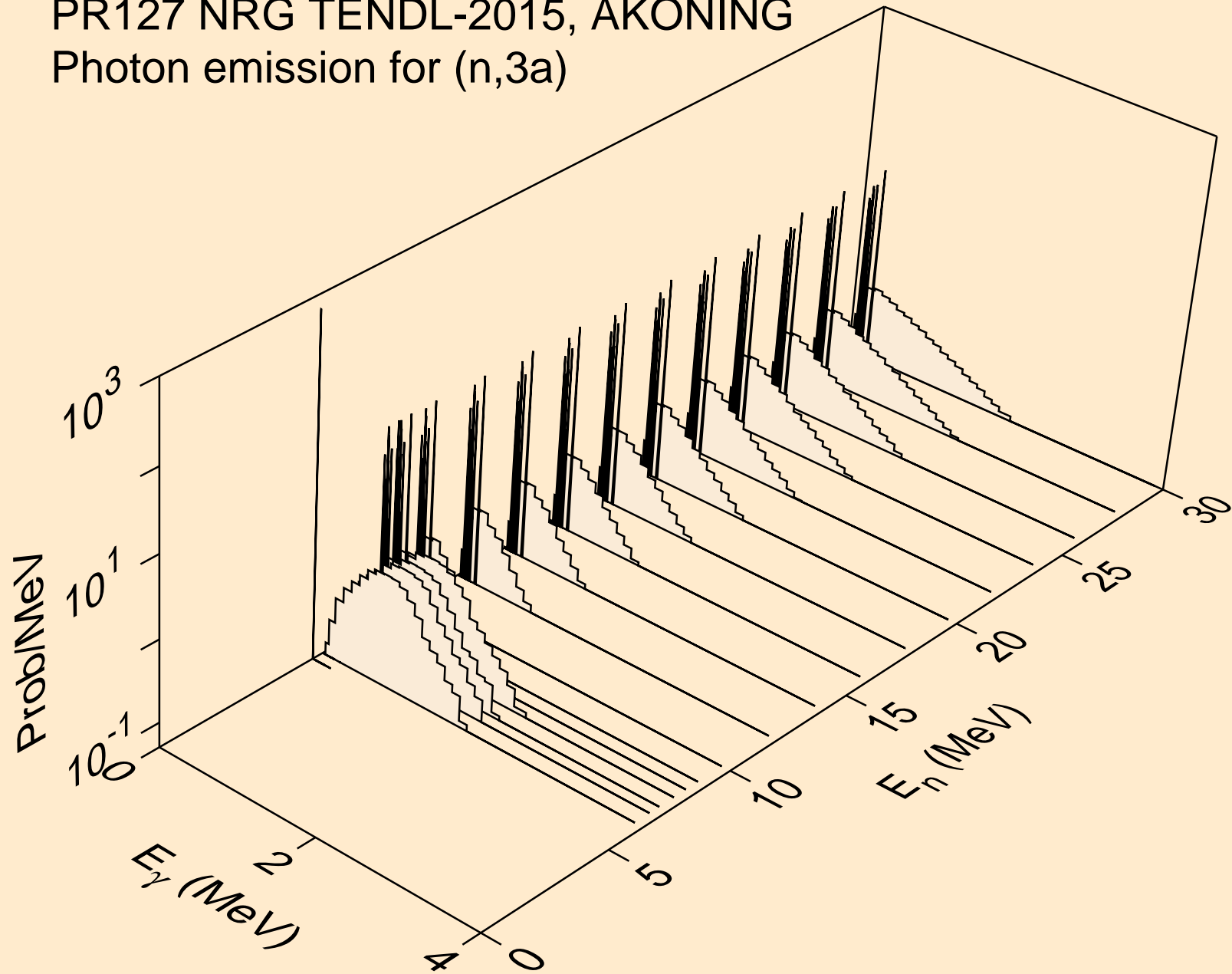
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



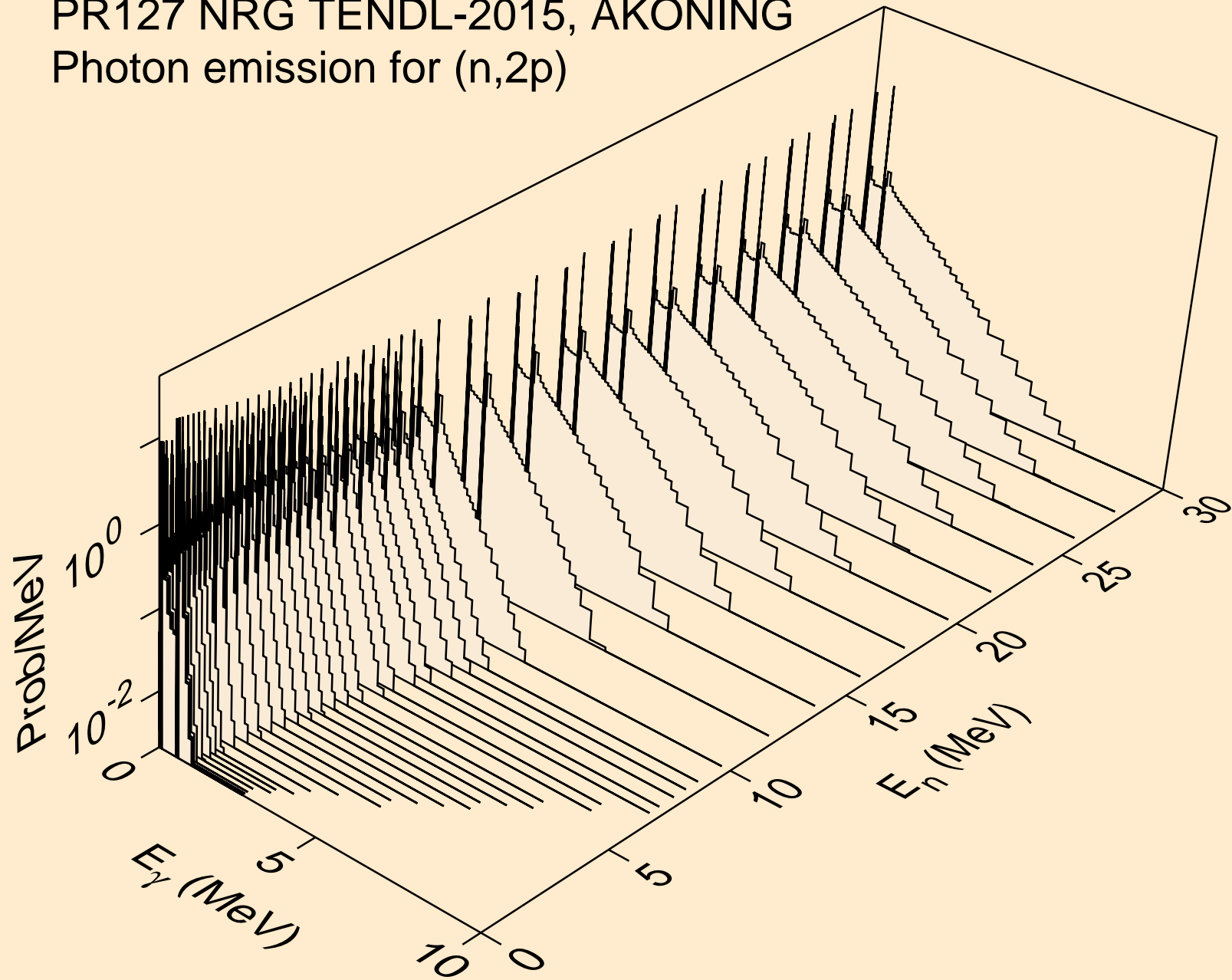
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



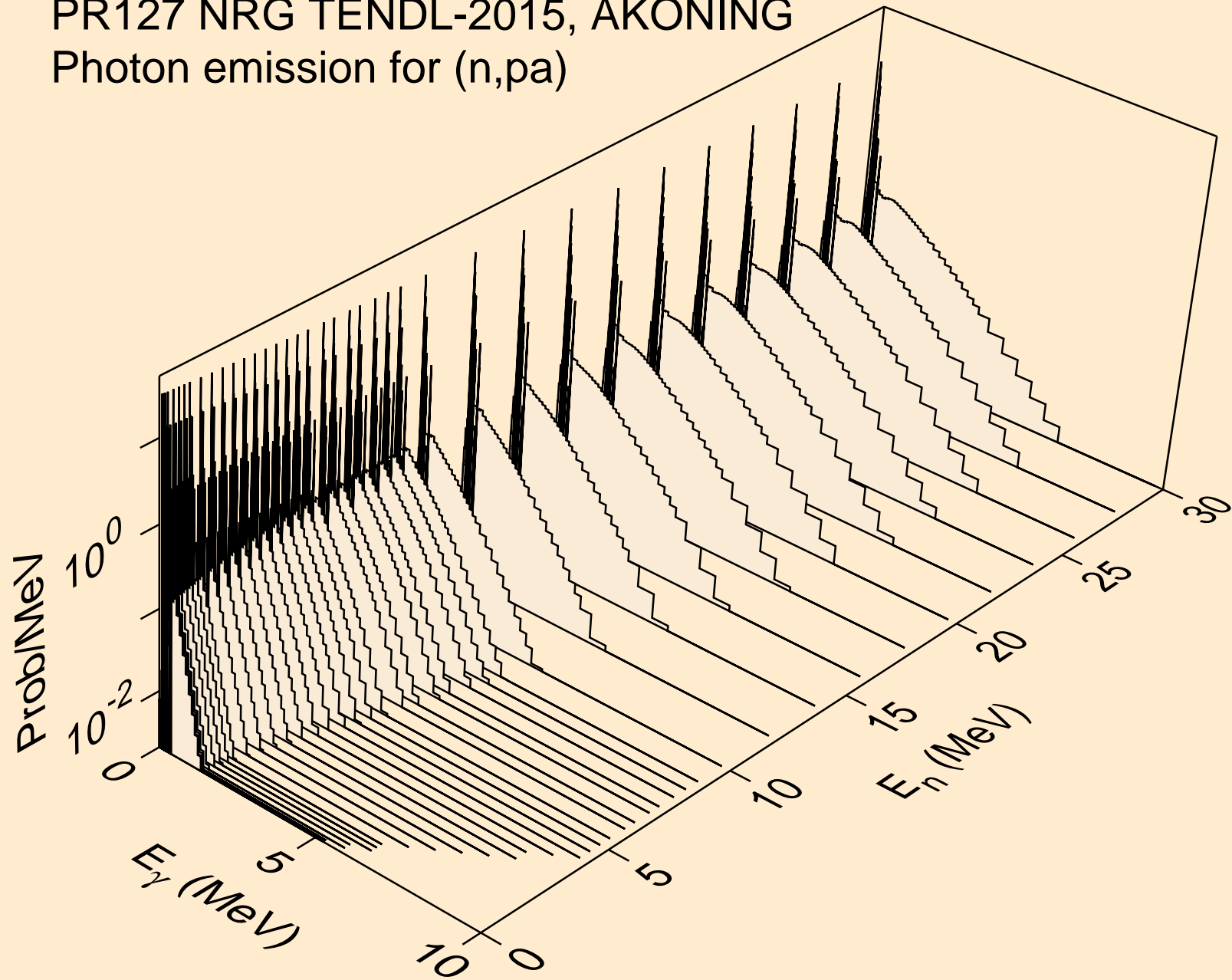
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



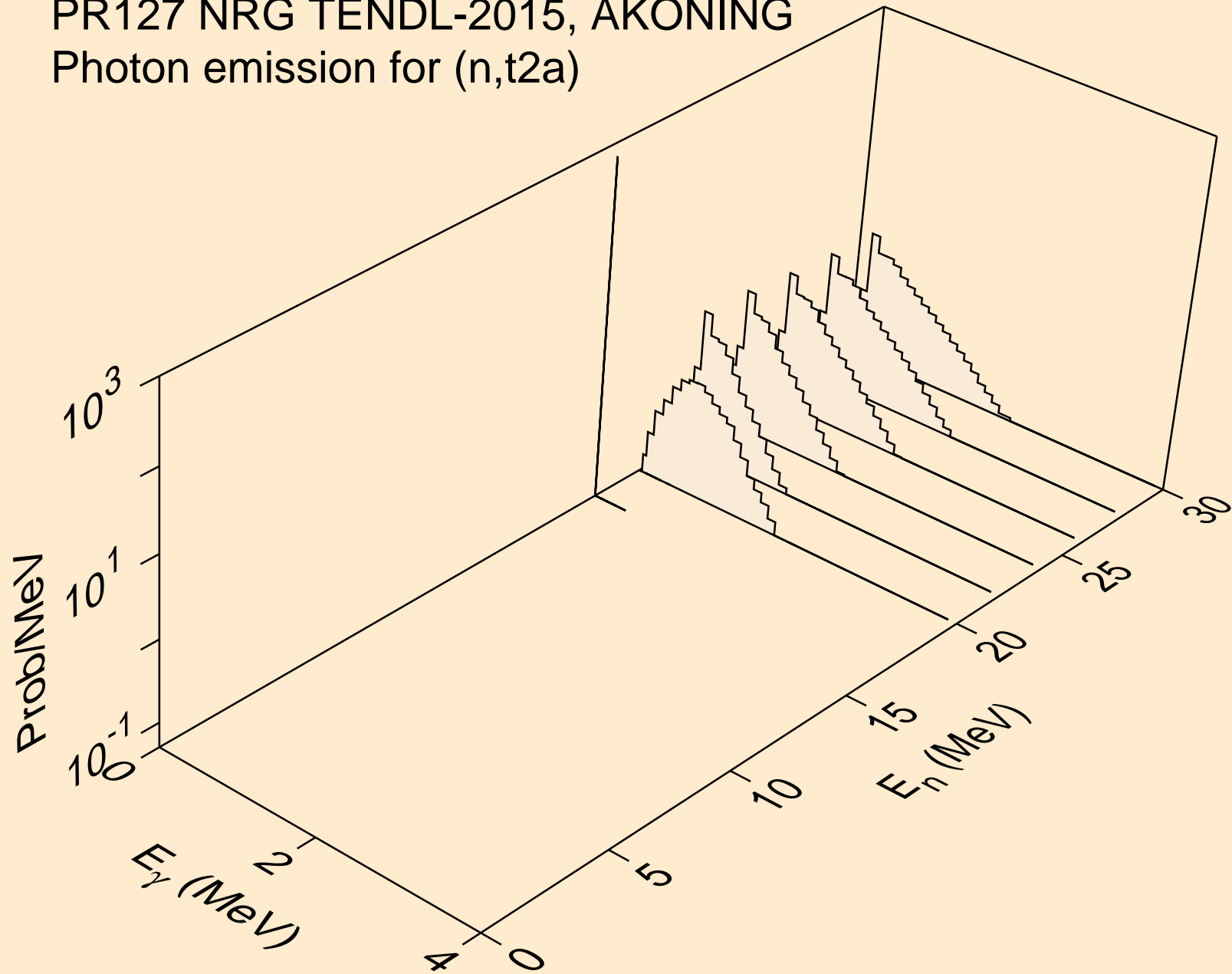
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



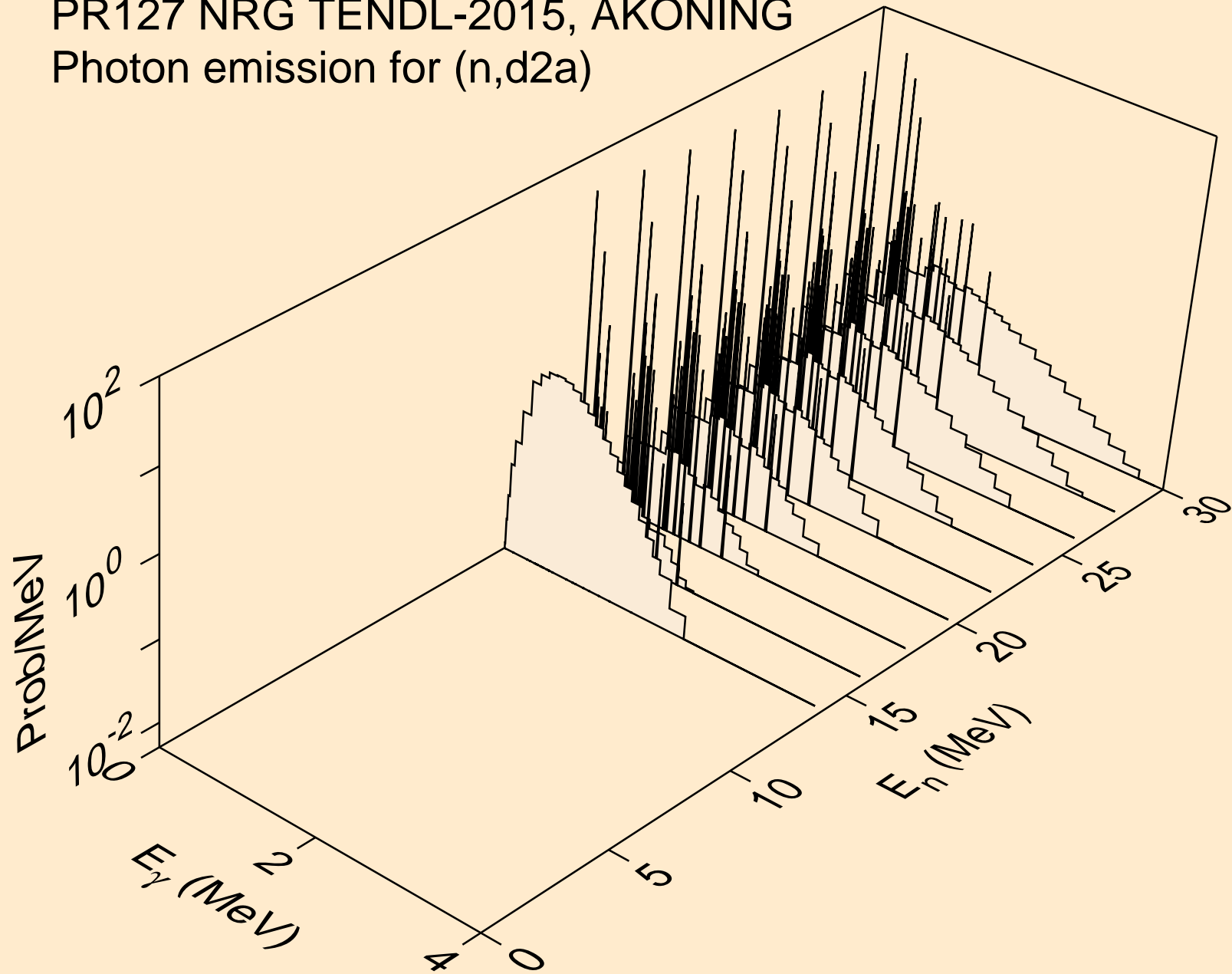
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)

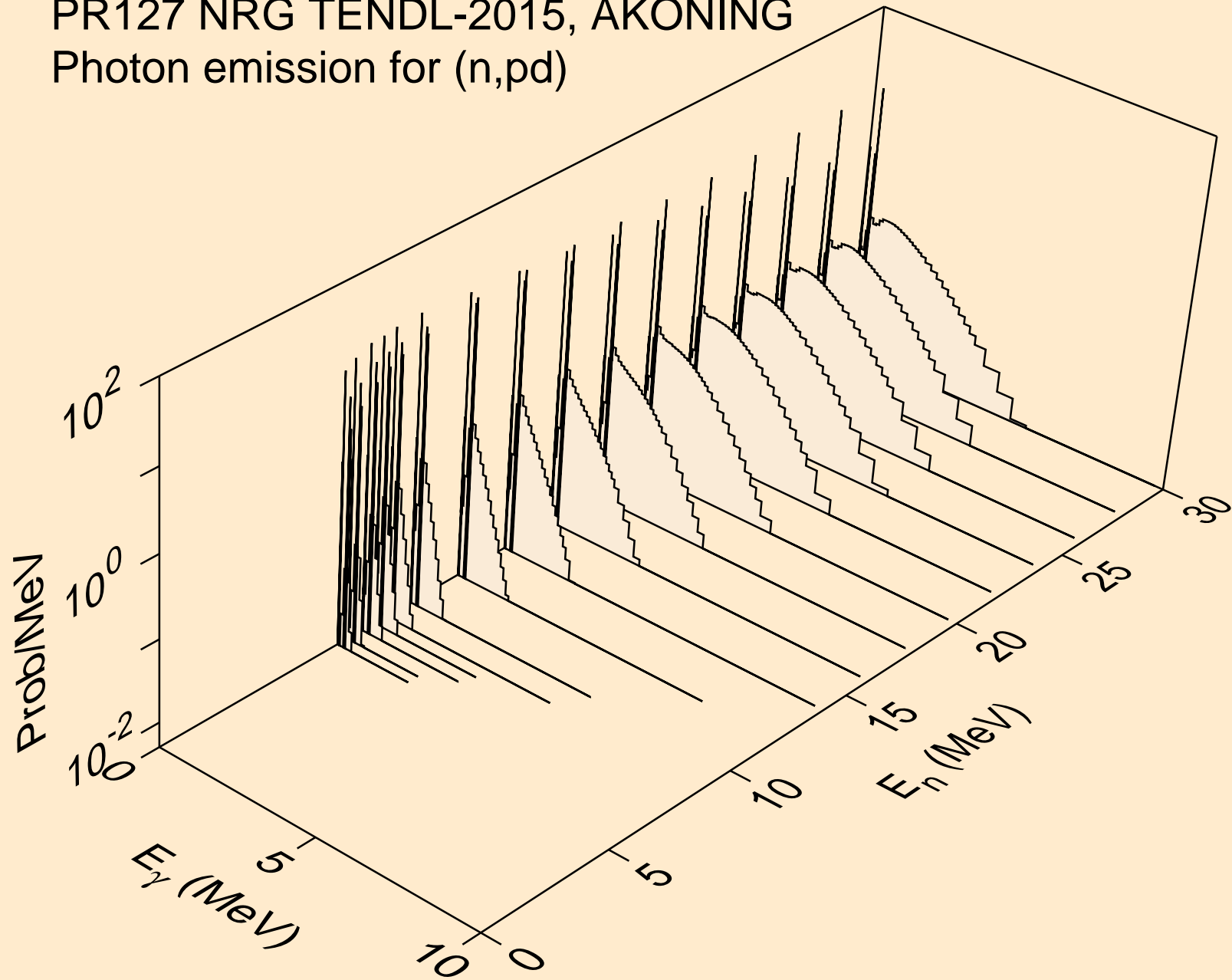


PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



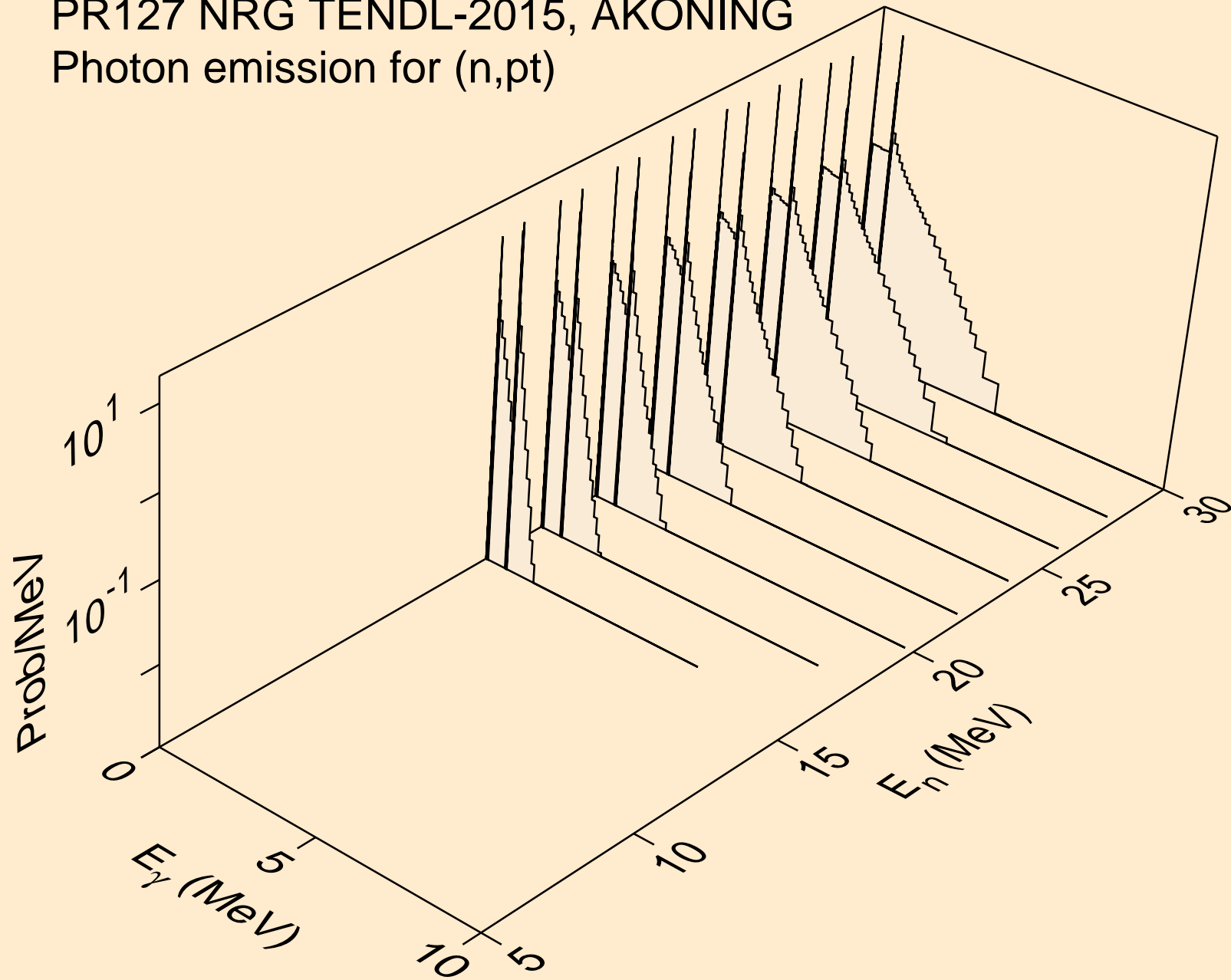


PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

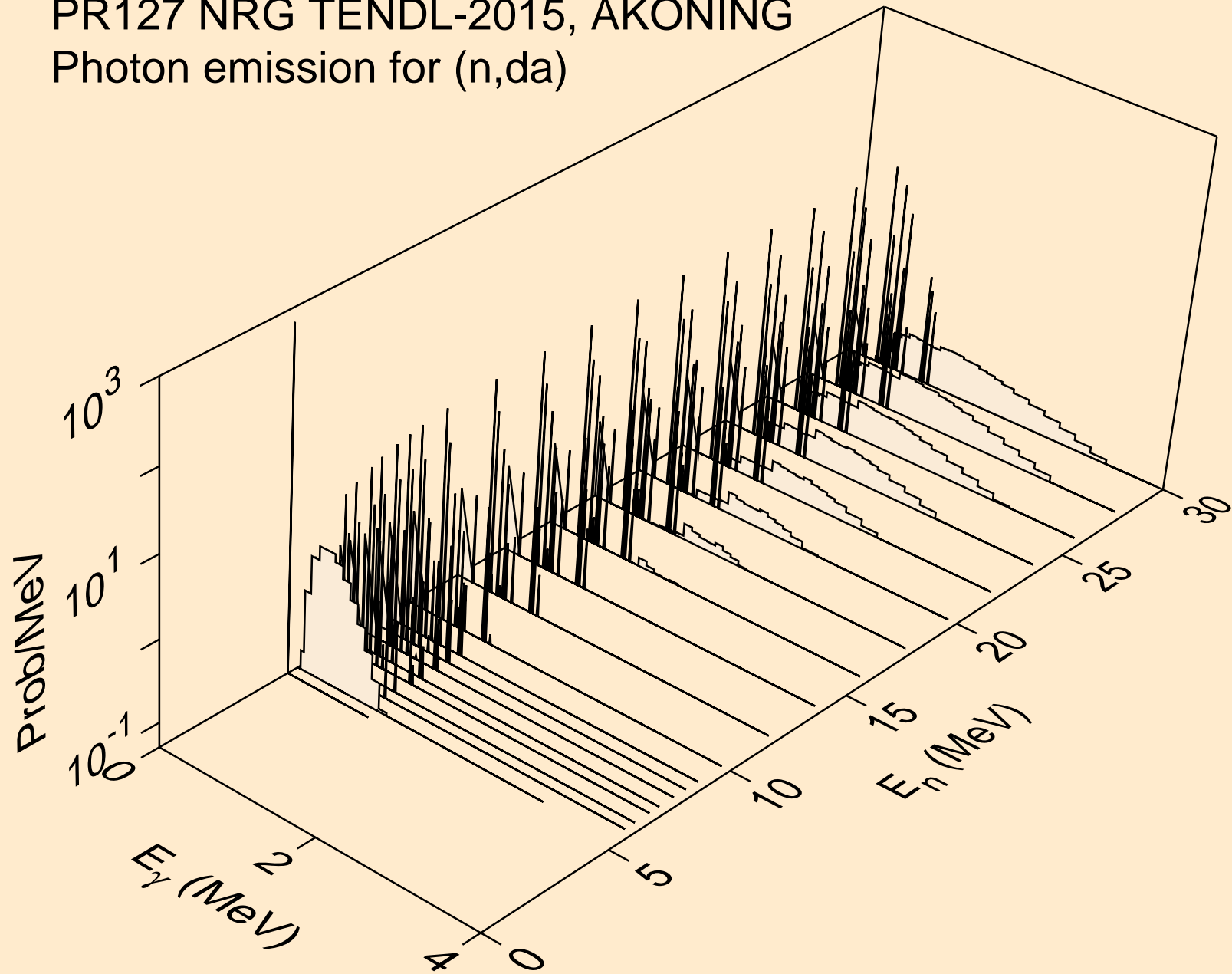


PR127 NRG TENDL-2015, AKONING

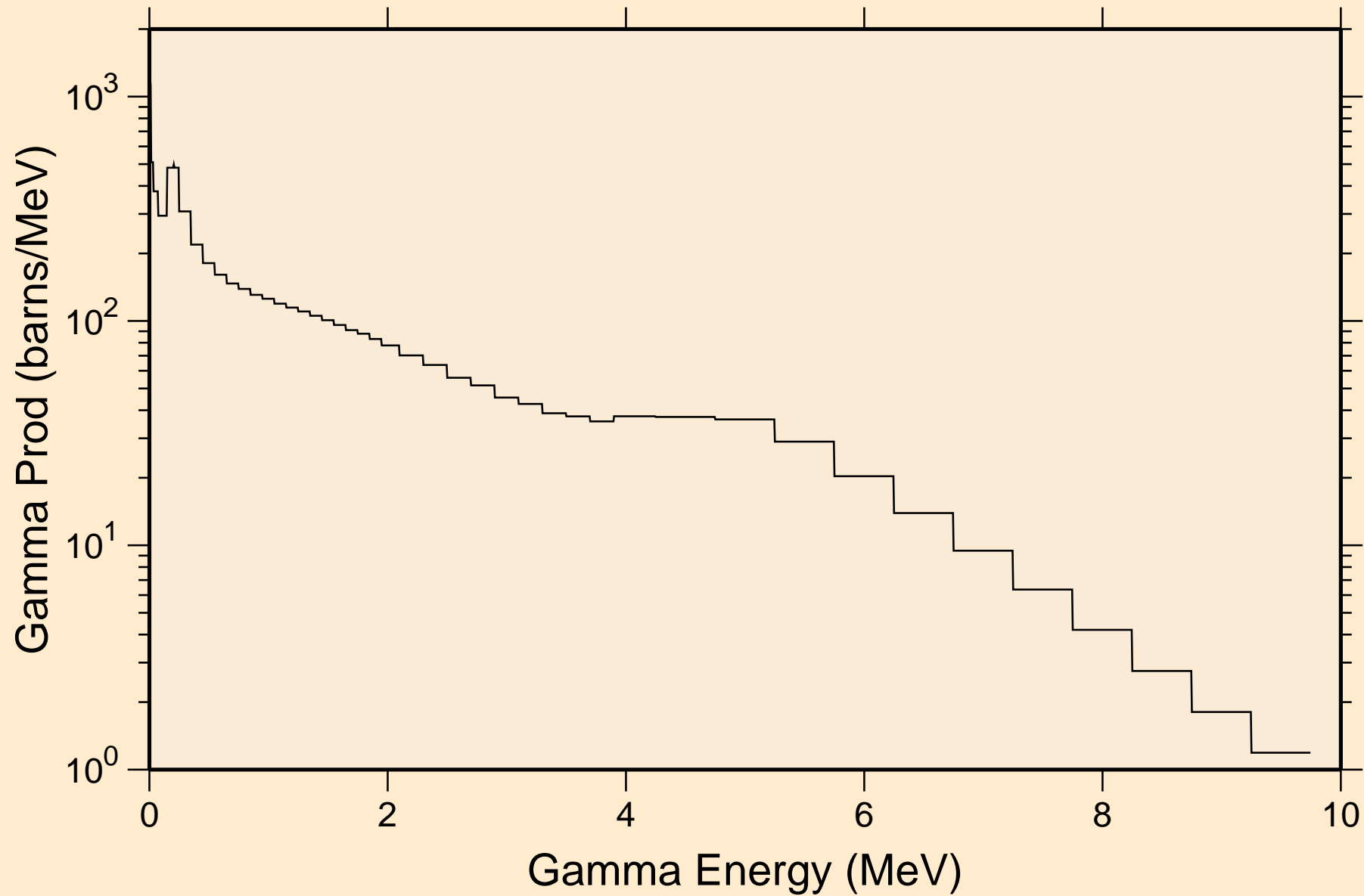
Photon emission for (n,pt)



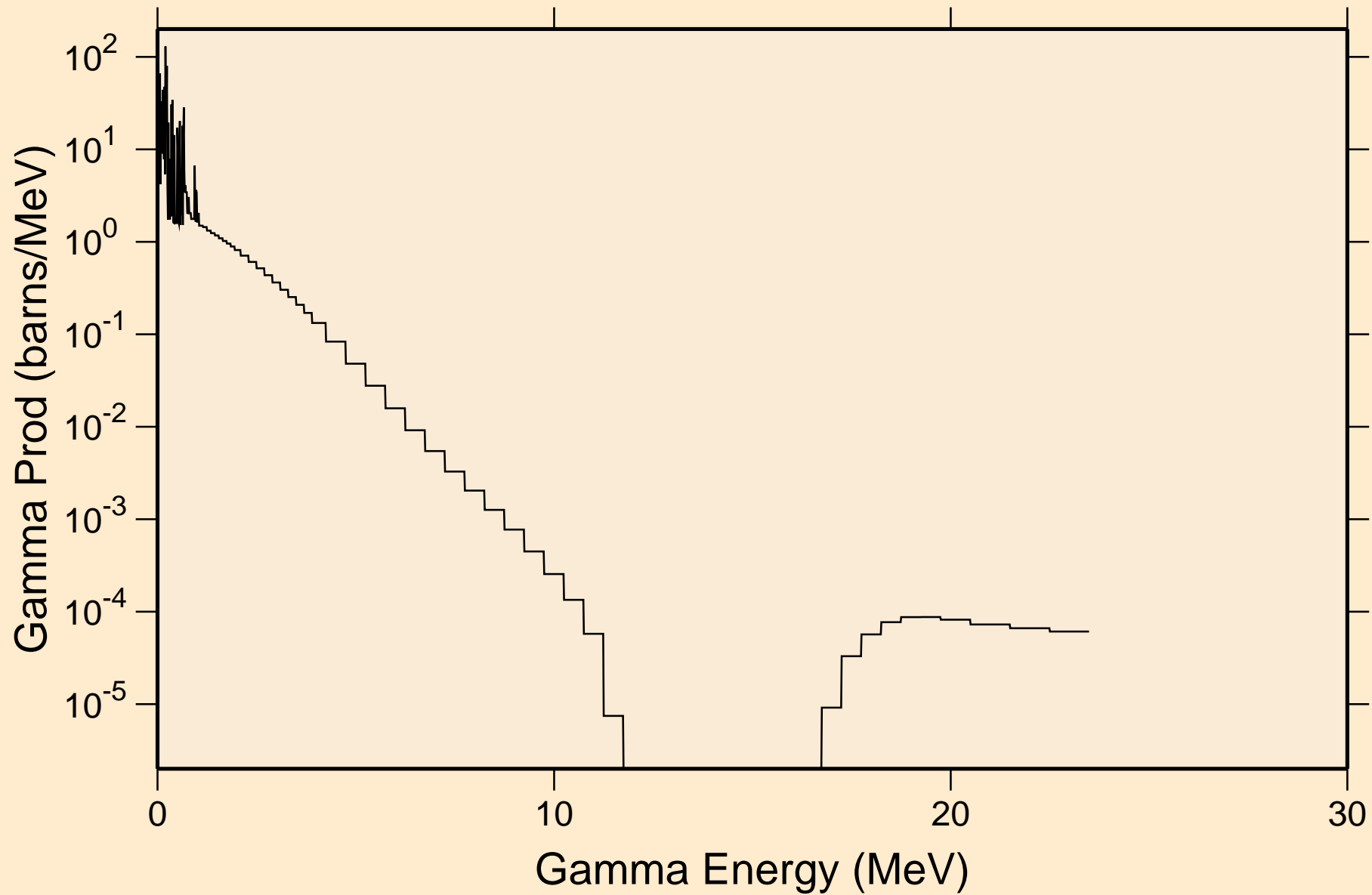
PR127 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



PR127 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

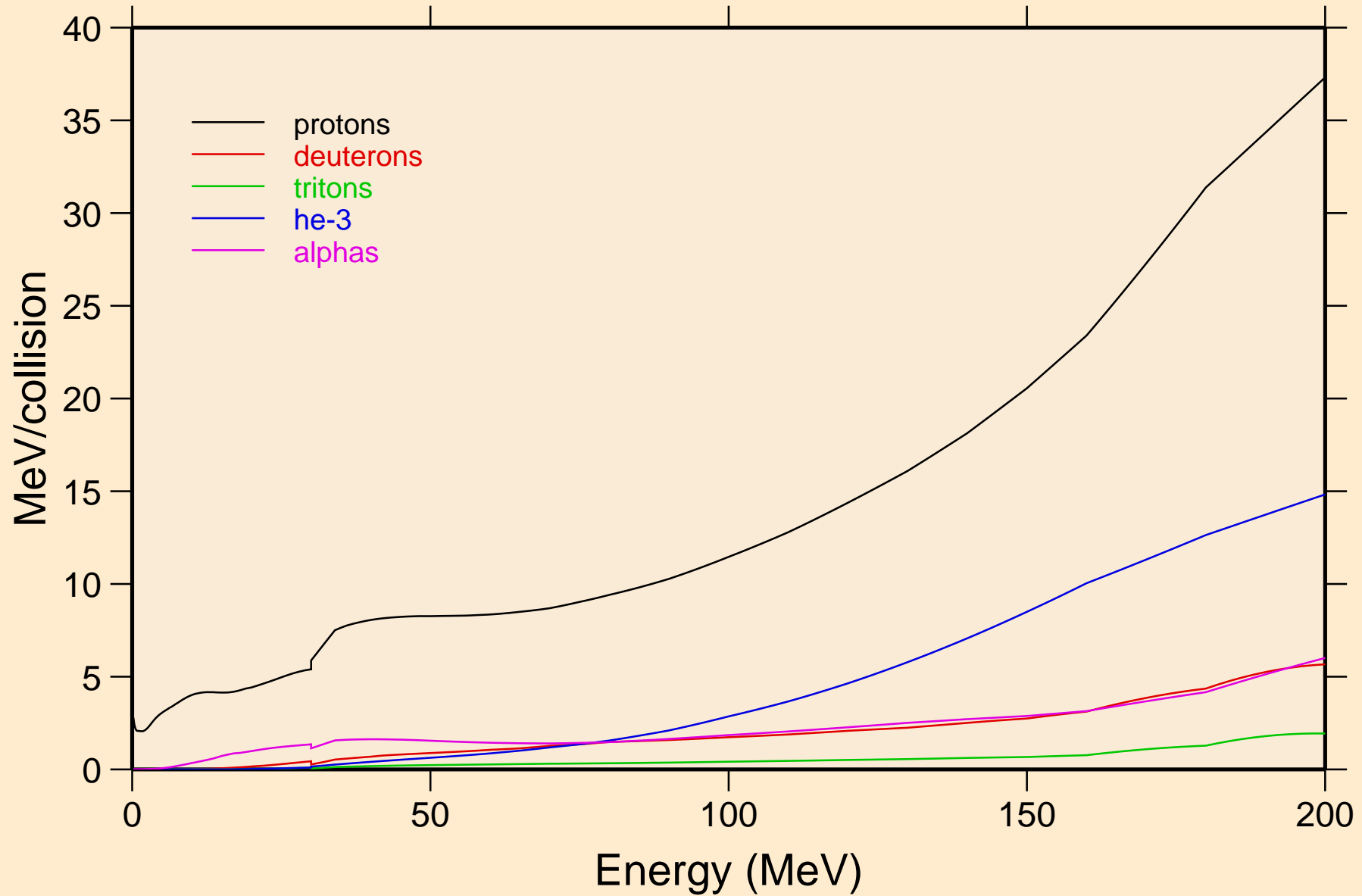


PR127 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



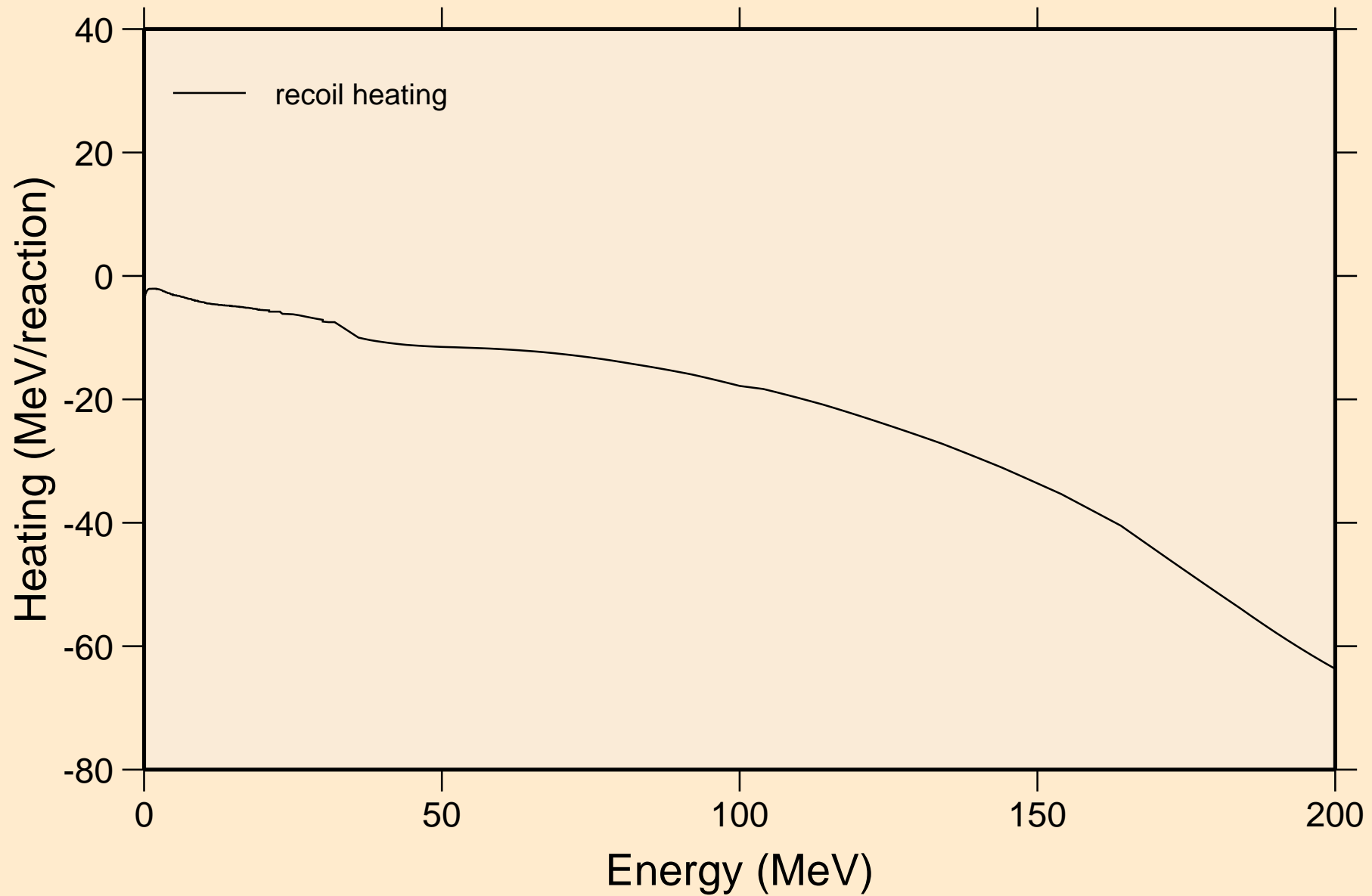
# PR127 NRG TENDL-2015, AKONING

## Particle heating contributions



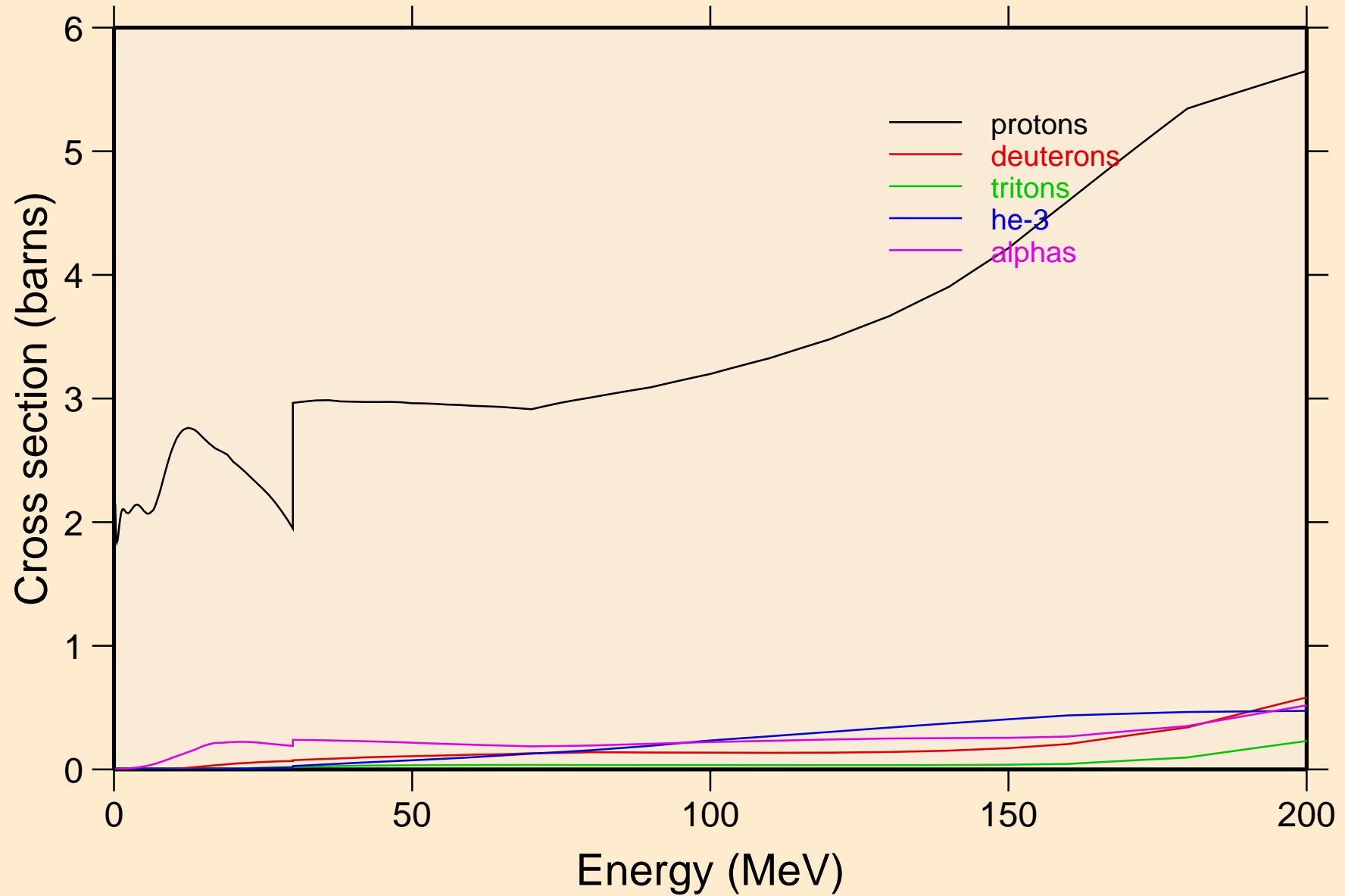
# PR127 NRG TENDL-2015, AKONING

## Recoil Heating



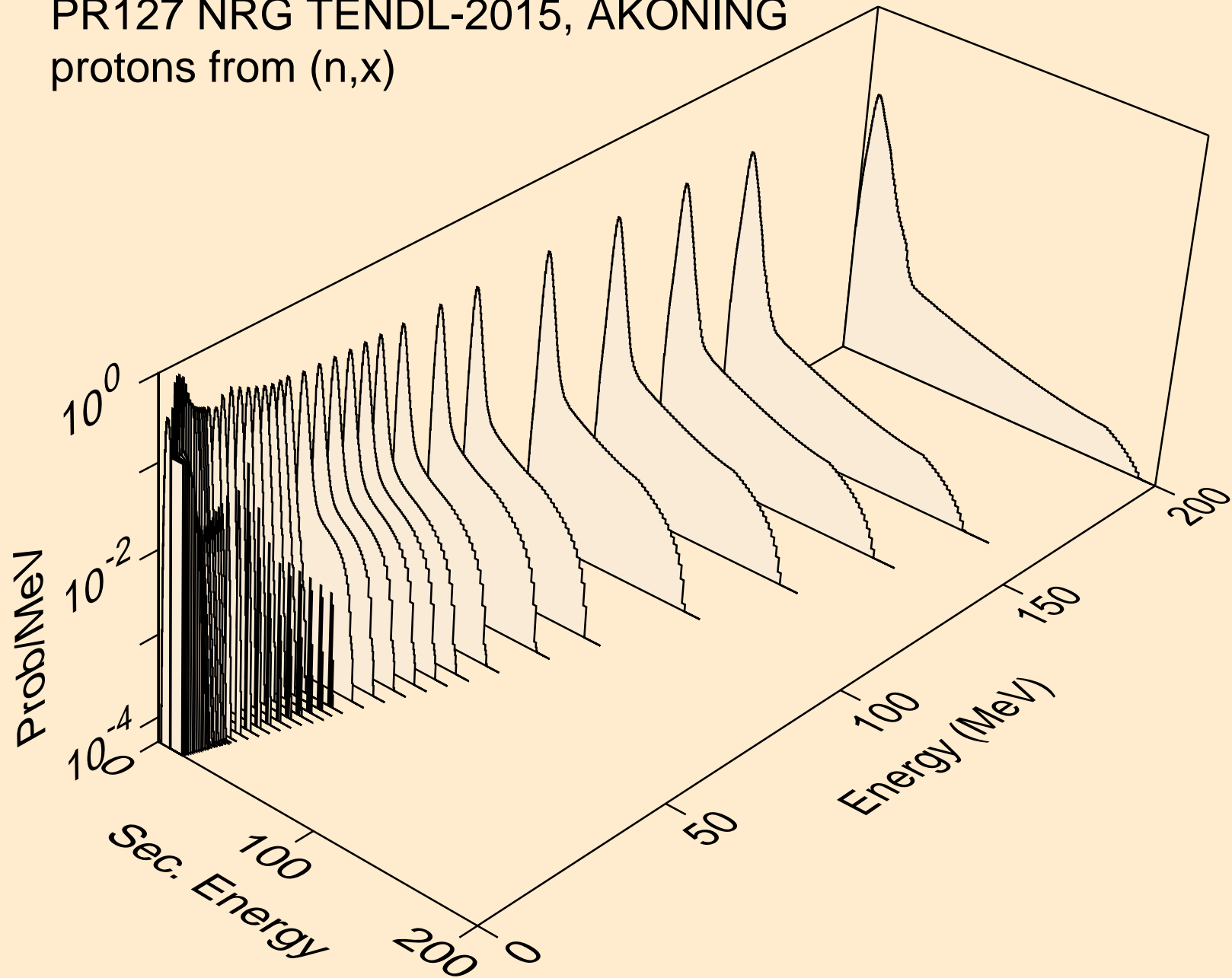
# PR127 NRG TENDL-2015, AKONING

## Particle production cross sections

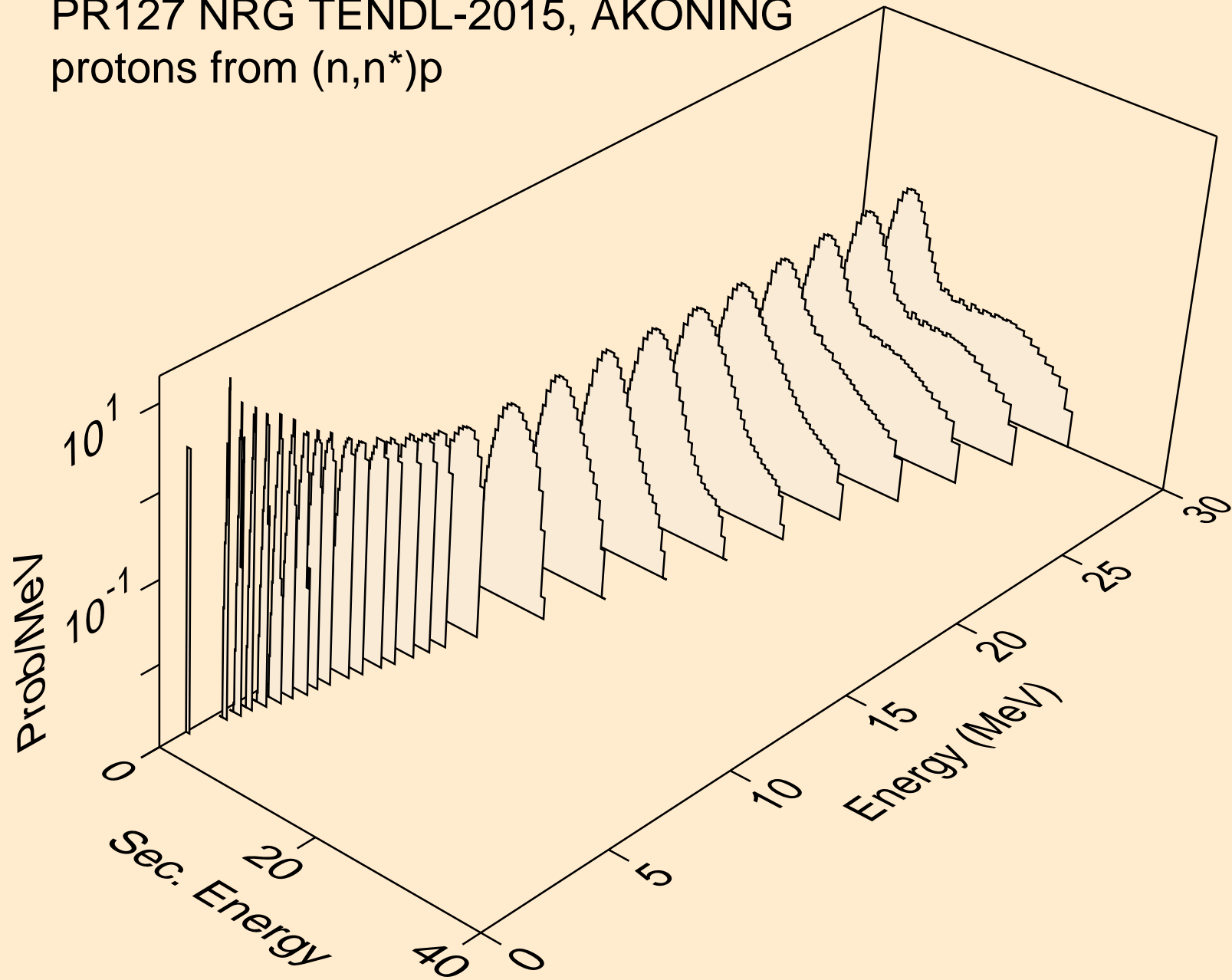




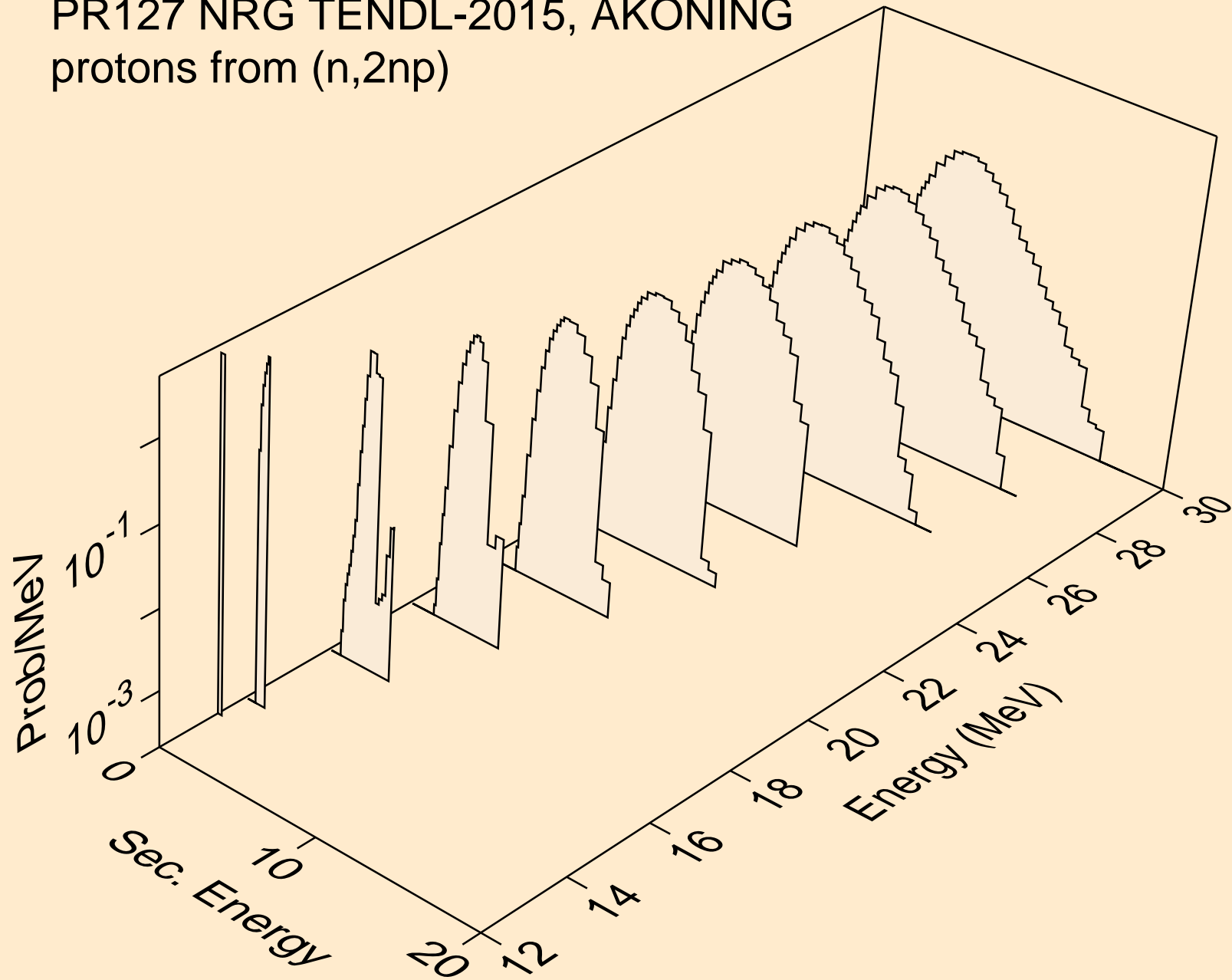
PR127 NRG TENDL-2015, AKONING  
protons from (n,x)



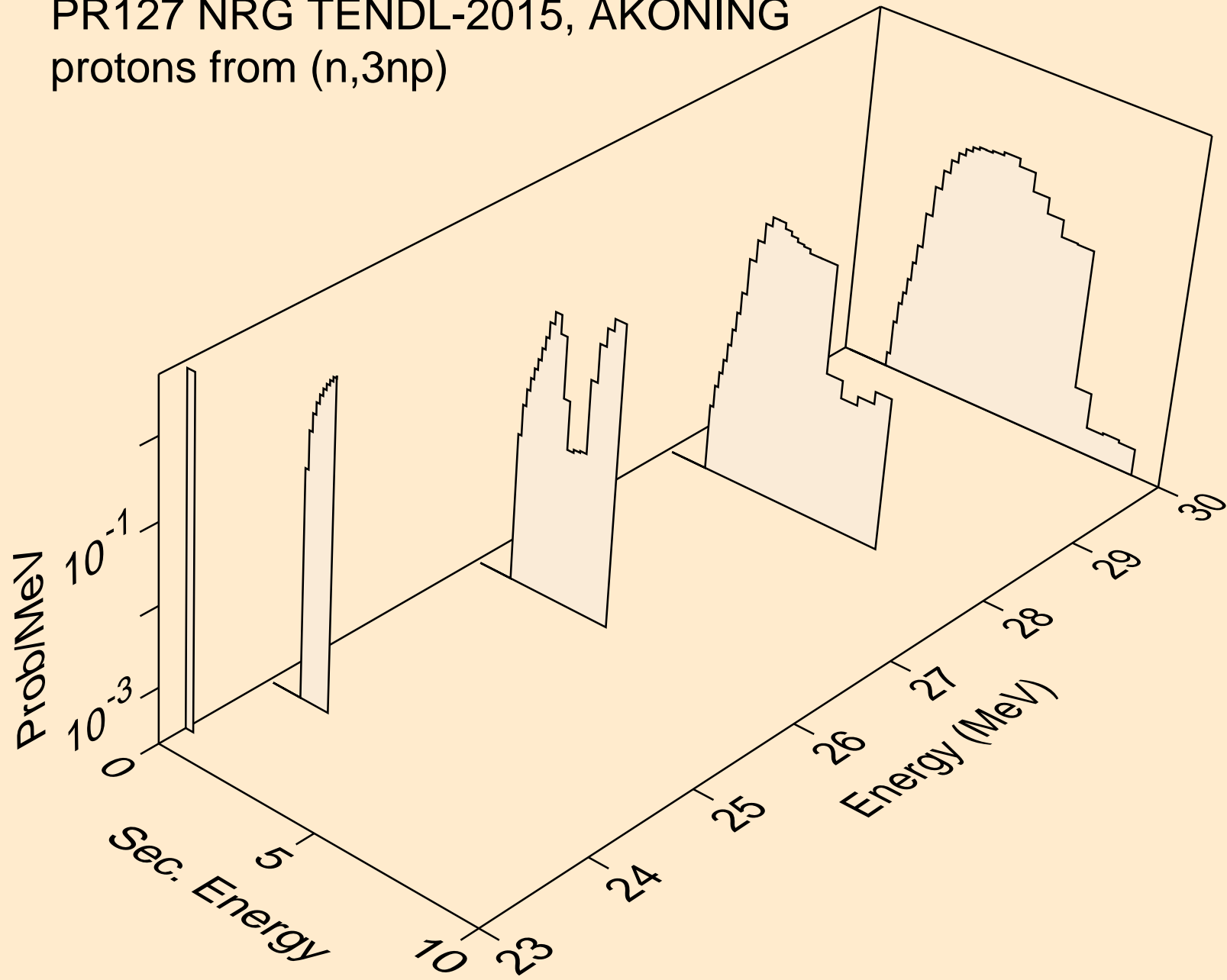
PR127 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



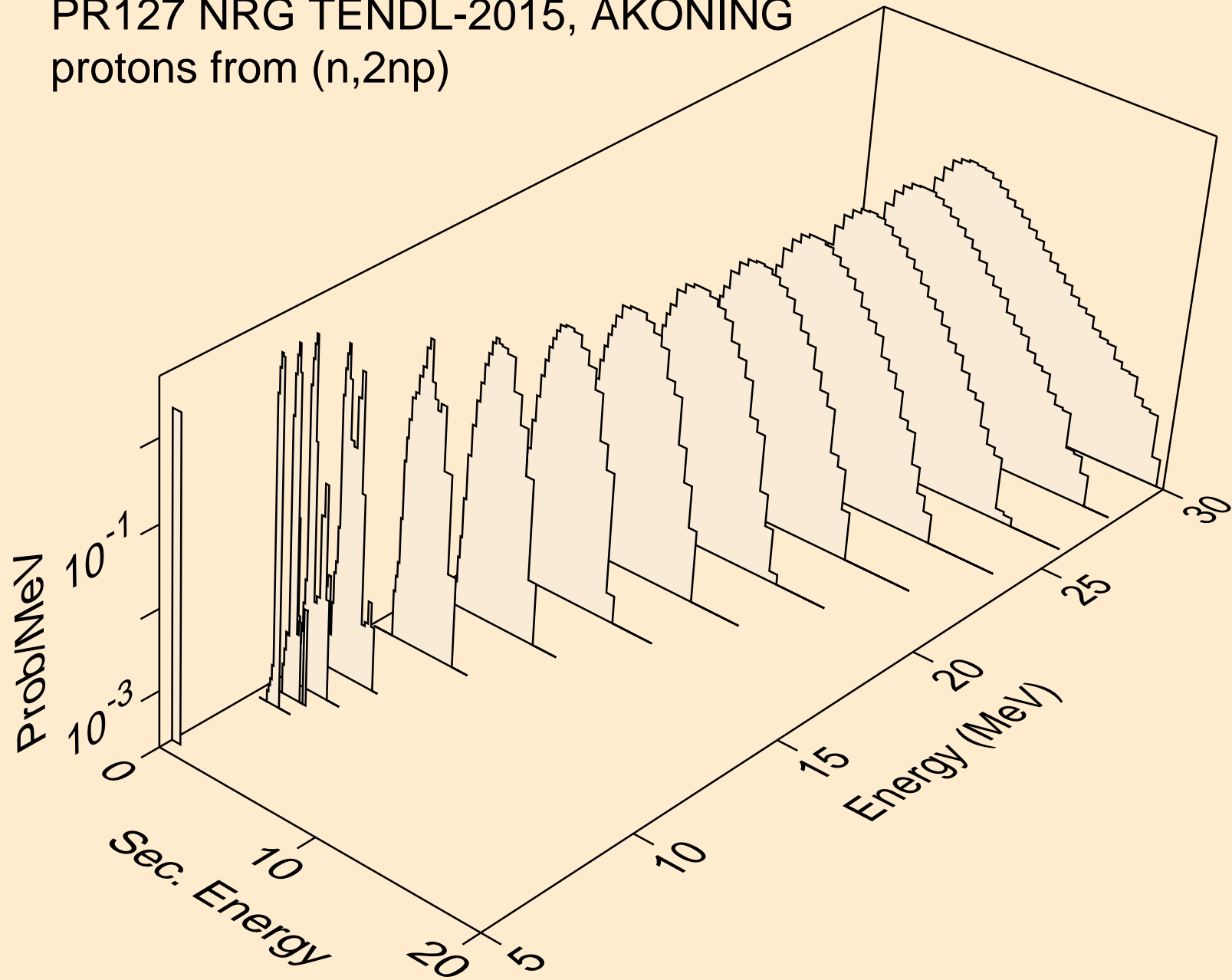
PR127 NRG TENDL-2015, AKONING  
protons from (n,2np)



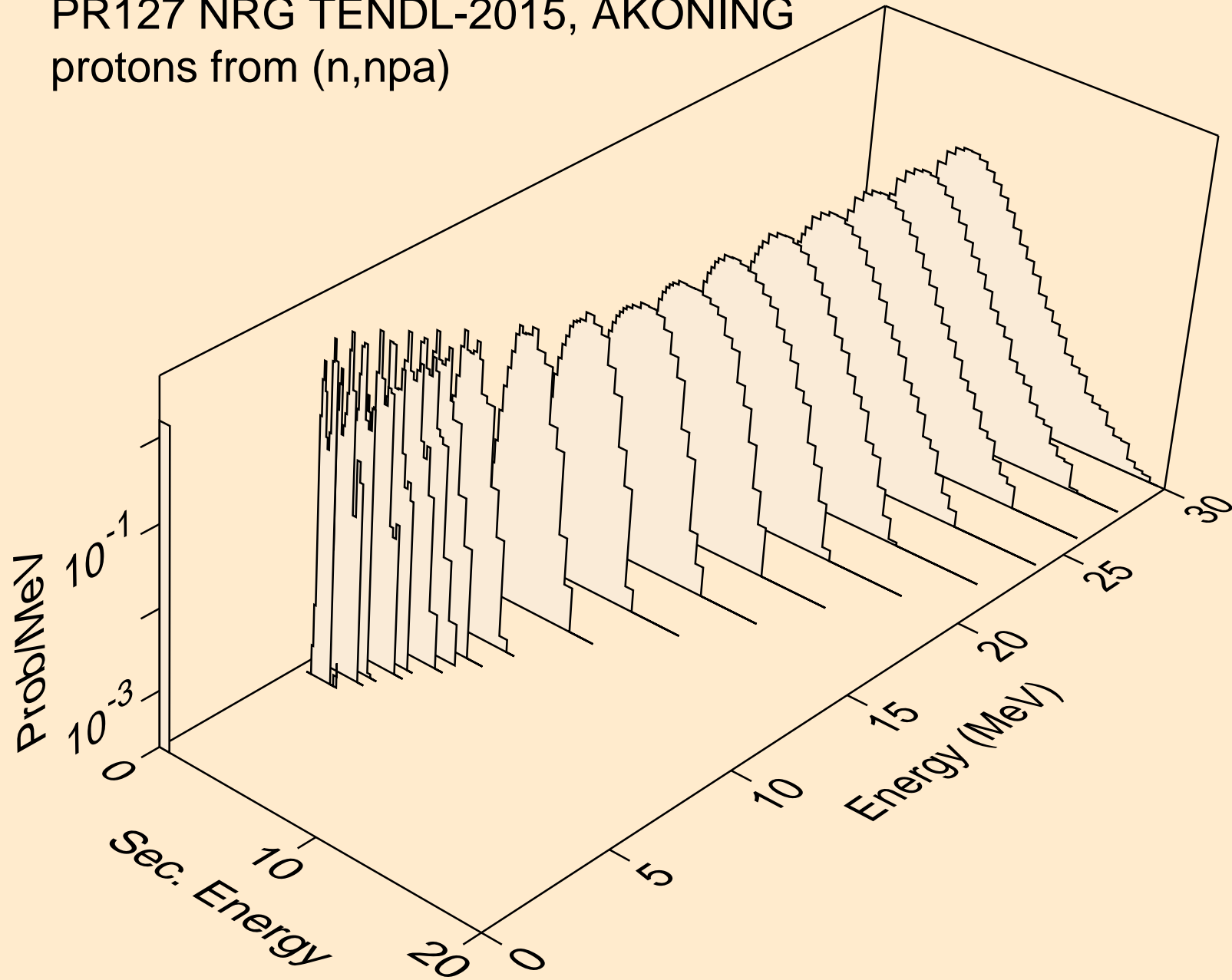
PR127 NRG TENDL-2015, AKONING  
protons from (n,3np)



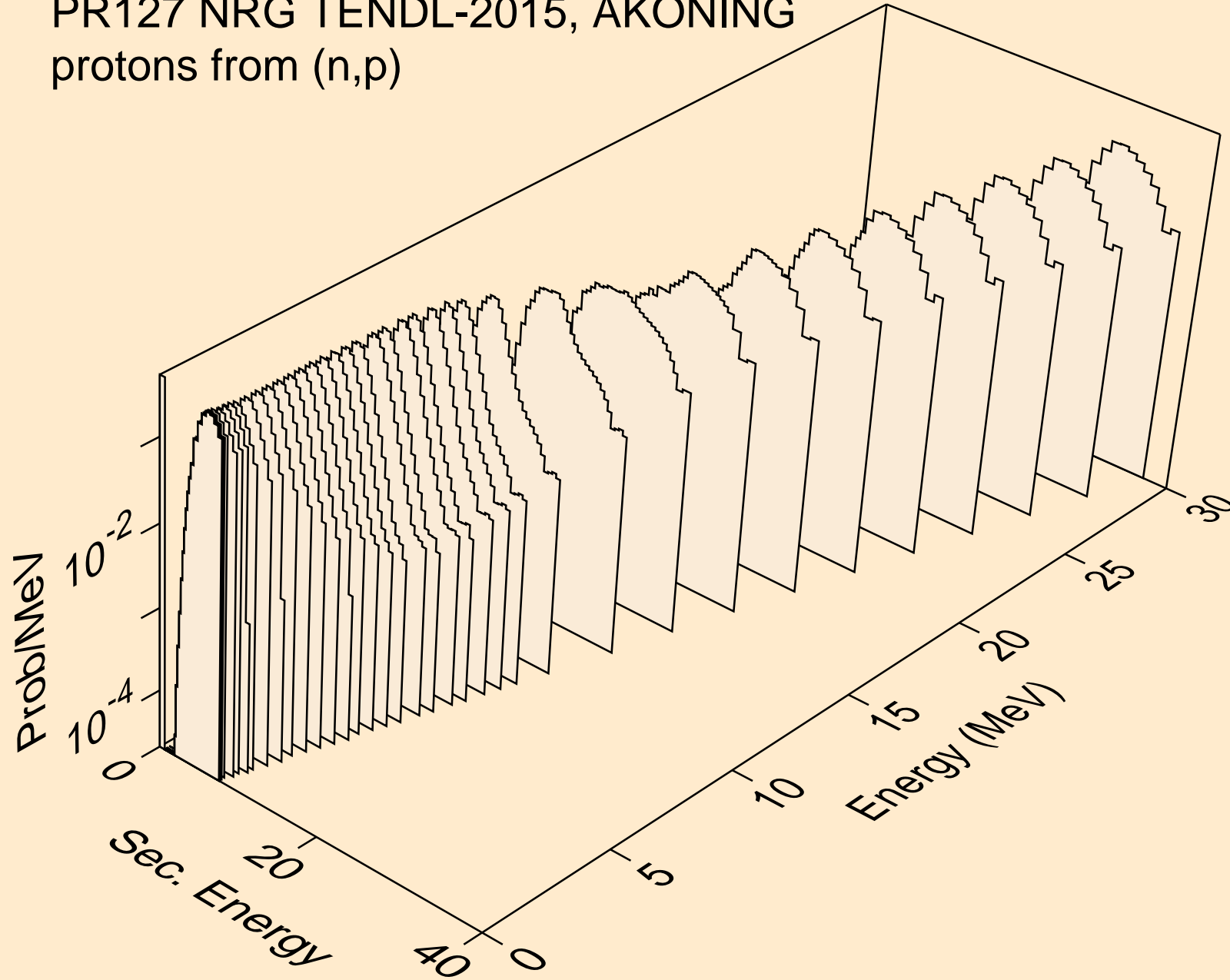
PR127 NRG TENDL-2015, AKONING  
protons from (n,2np)



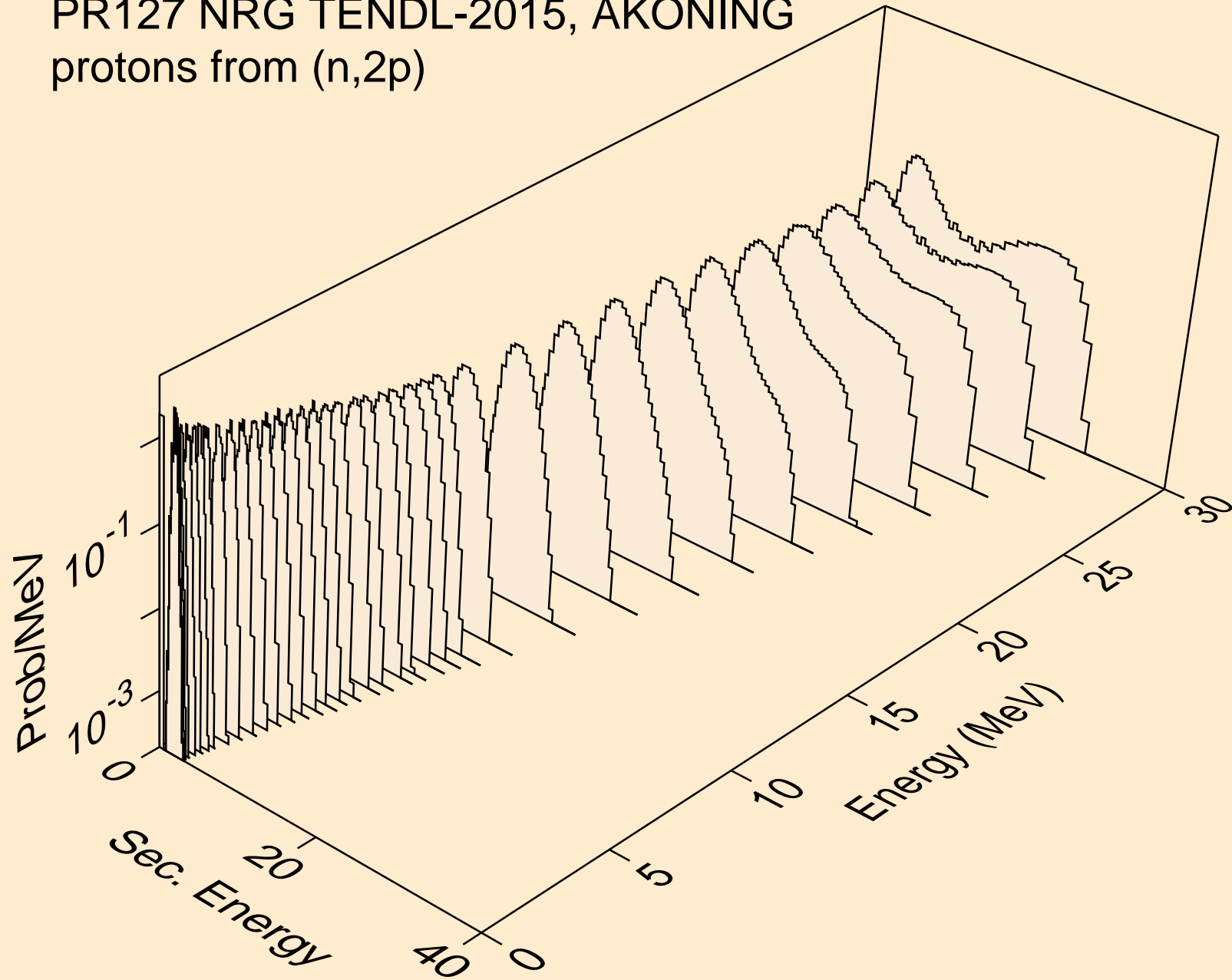
PR127 NRG TENDL-2015, AKONING  
protons from (n,npa)



PR127 NRG TENDL-2015, AKONING  
protons from (n,p)

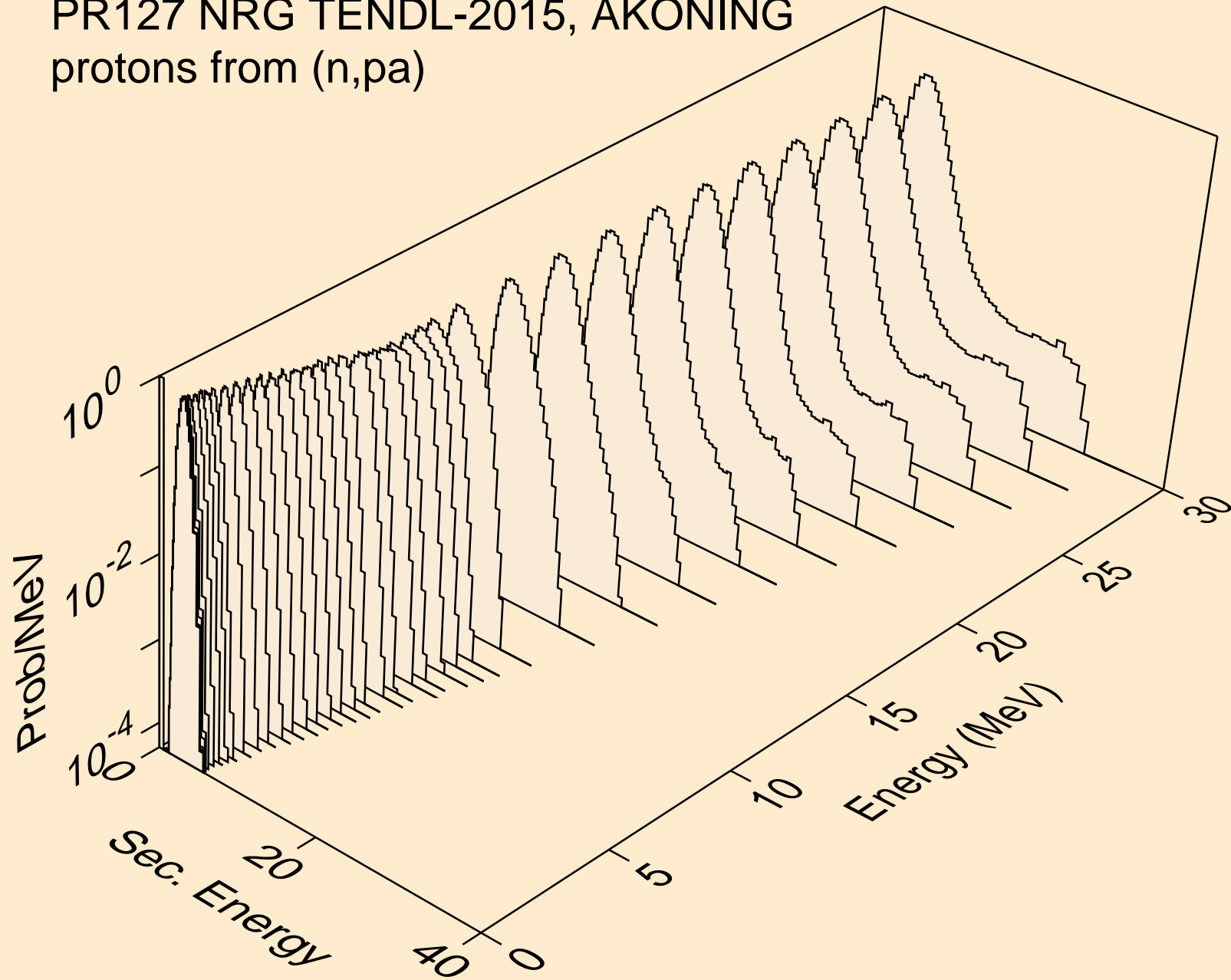


PR127 NRG TENDL-2015, AKONING  
protons from (n,2p)

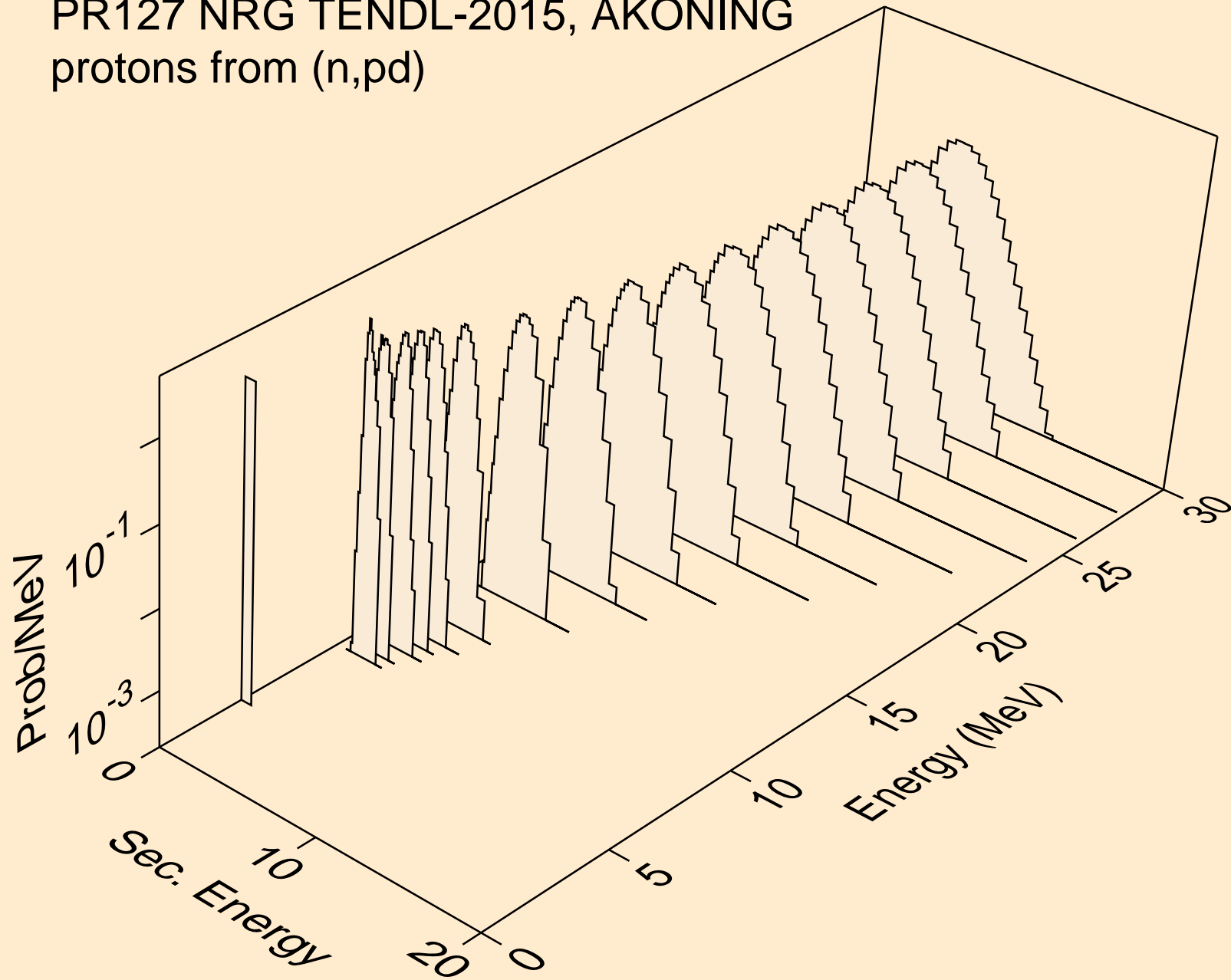




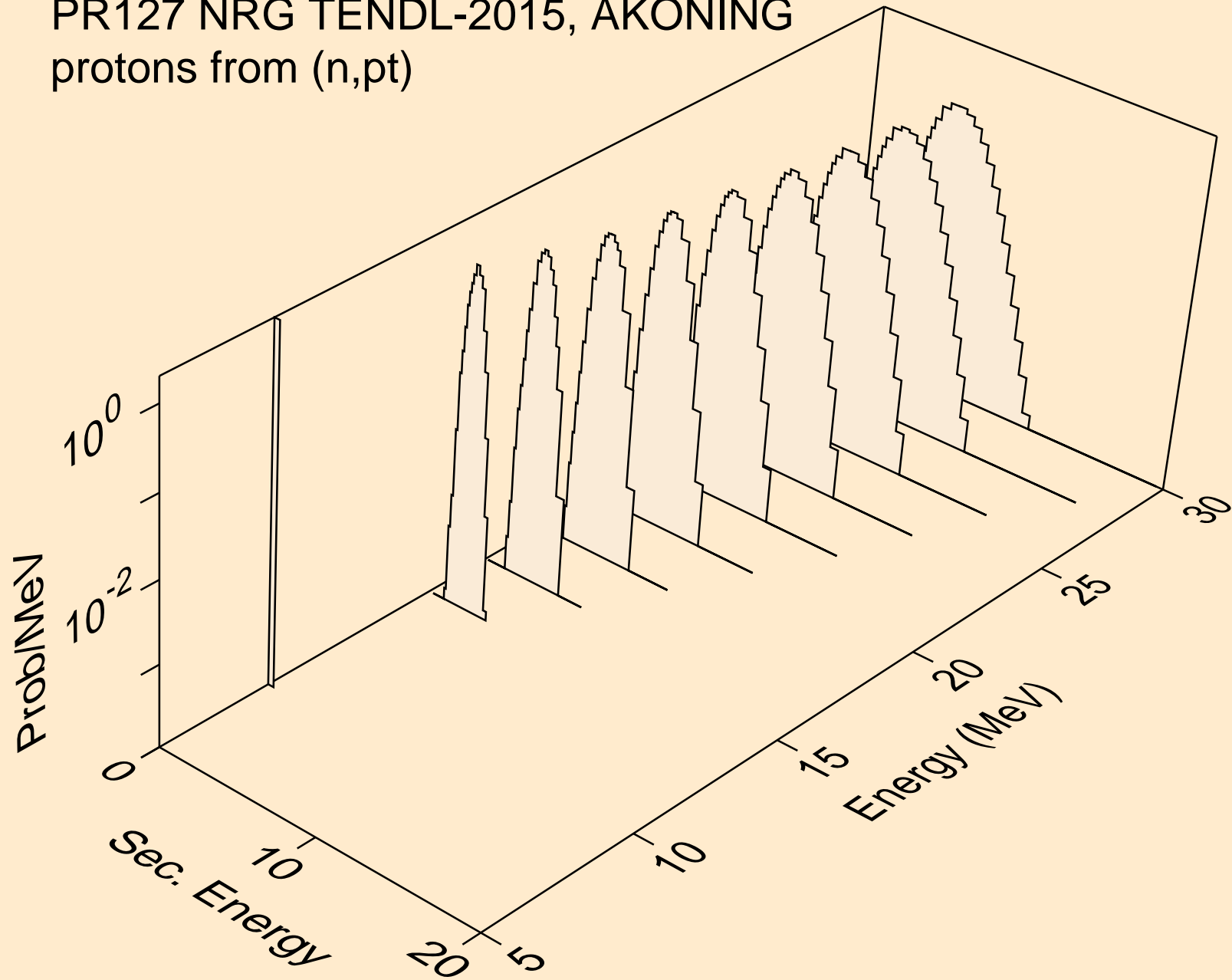
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protons from (n,pa)



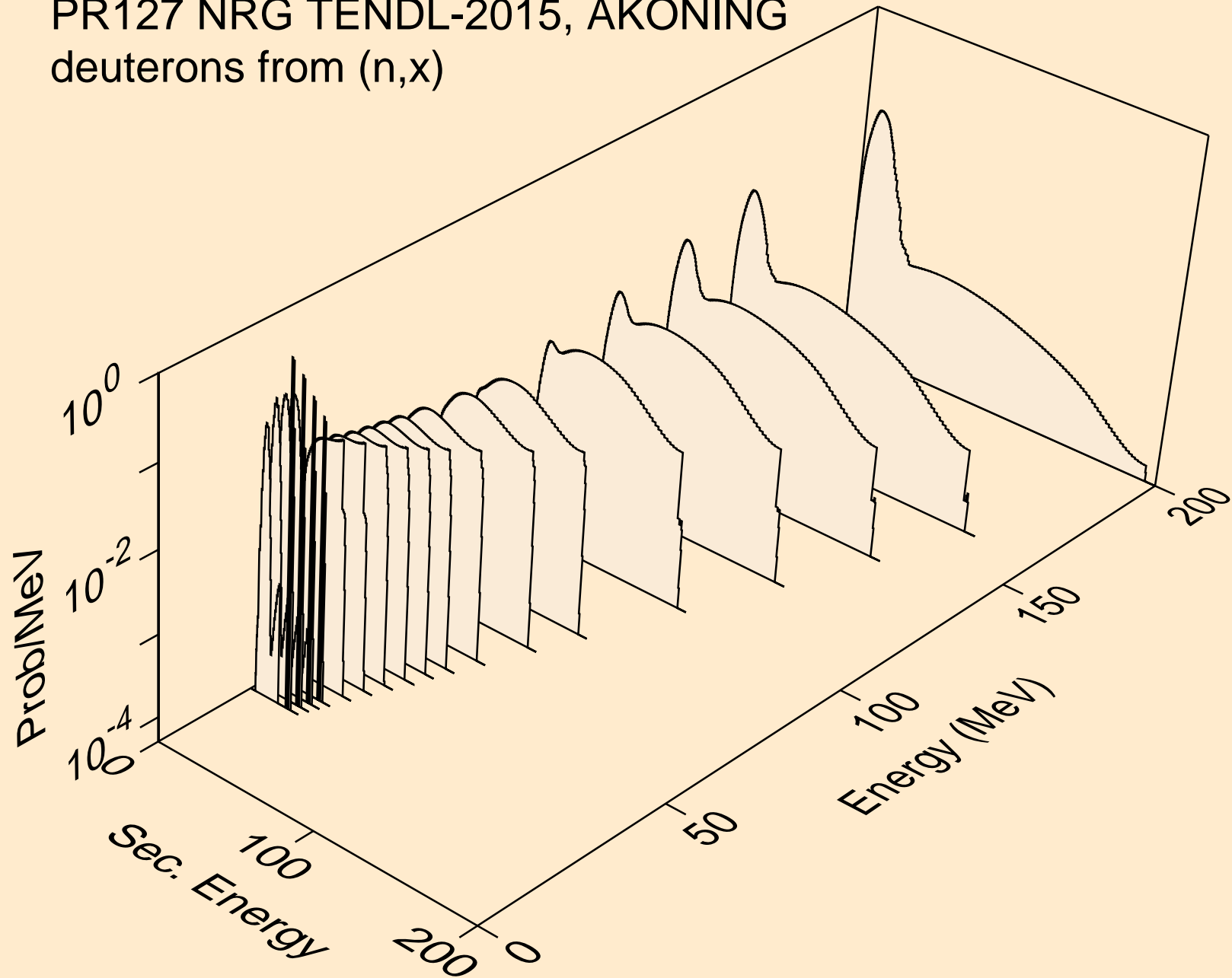
PR127 NRG TENDL-2015, AKONING  
protons from (n,pd)



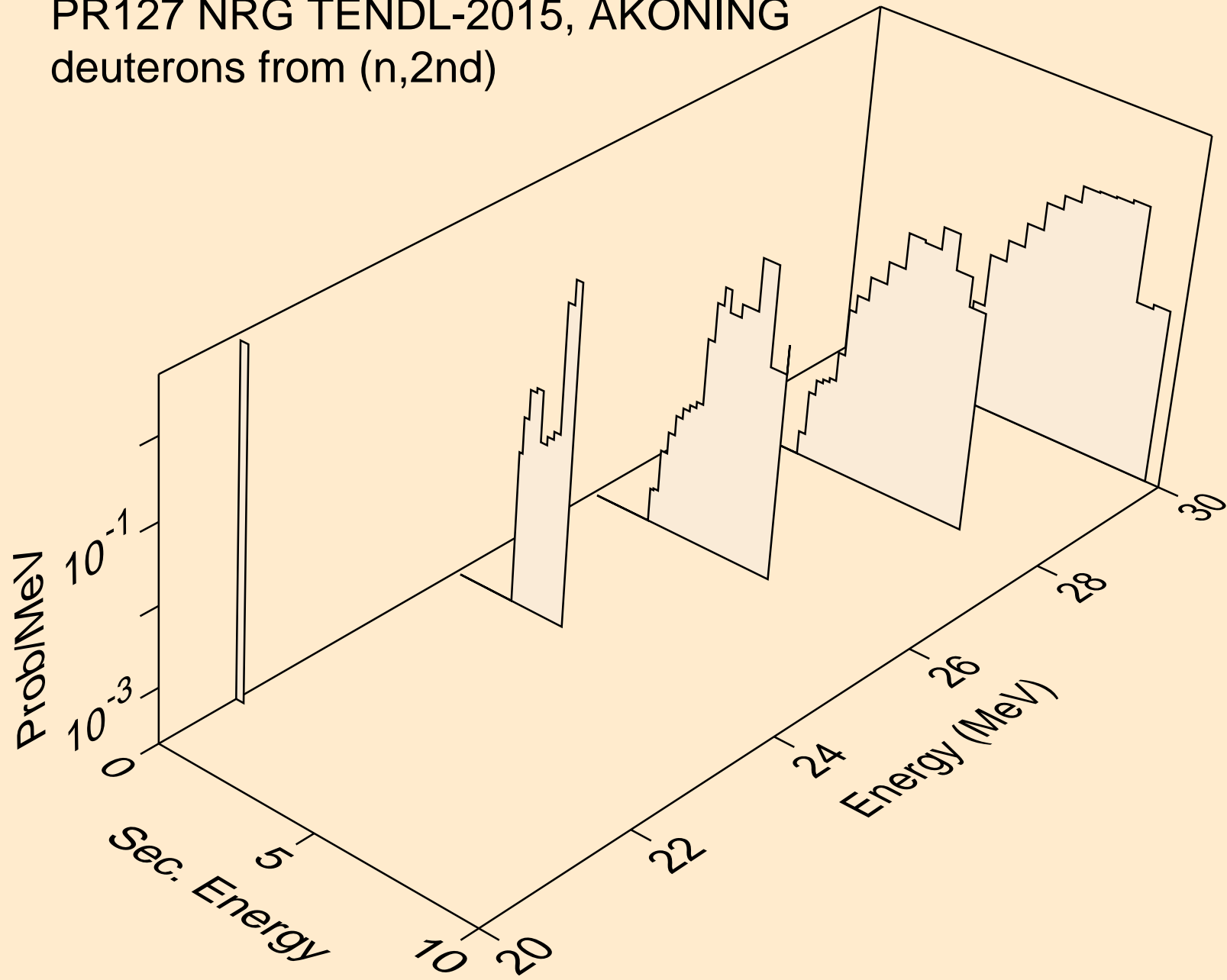
PR127 NRG TENDL-2015, AKONING  
protons from (n,pt)



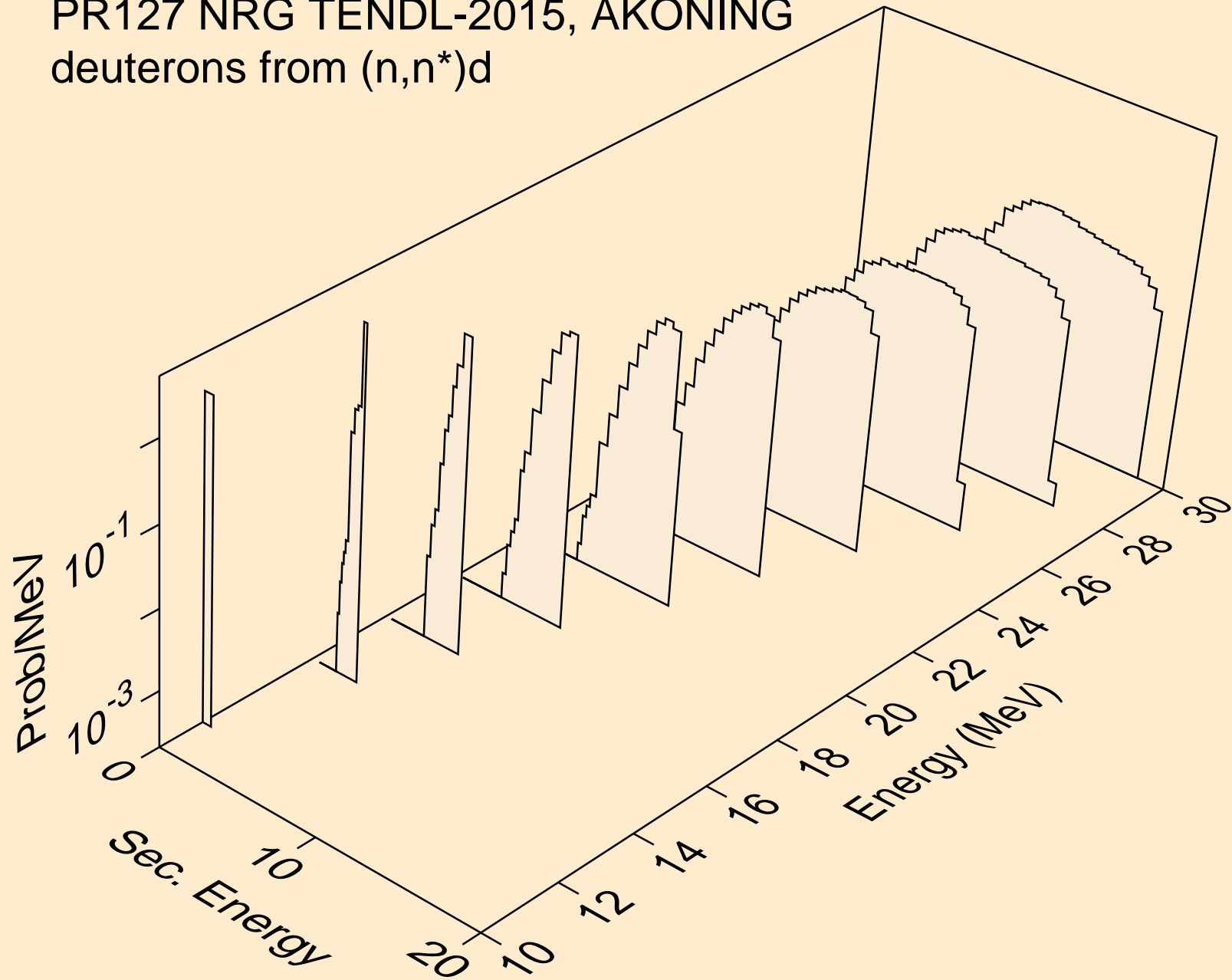
PR127 NRG TENDL-2015, AKONING  
deuterons from (n,x)



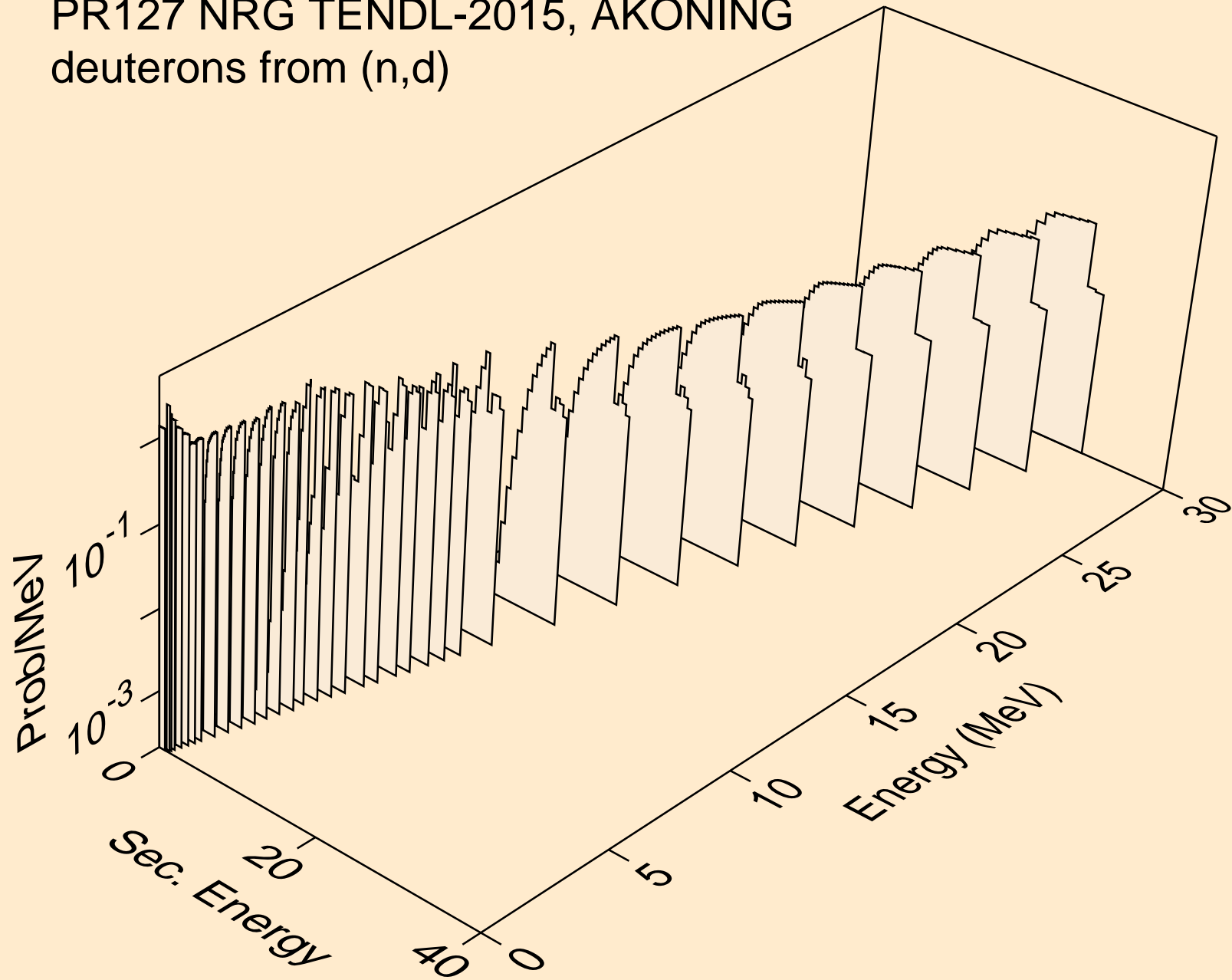
PR127 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



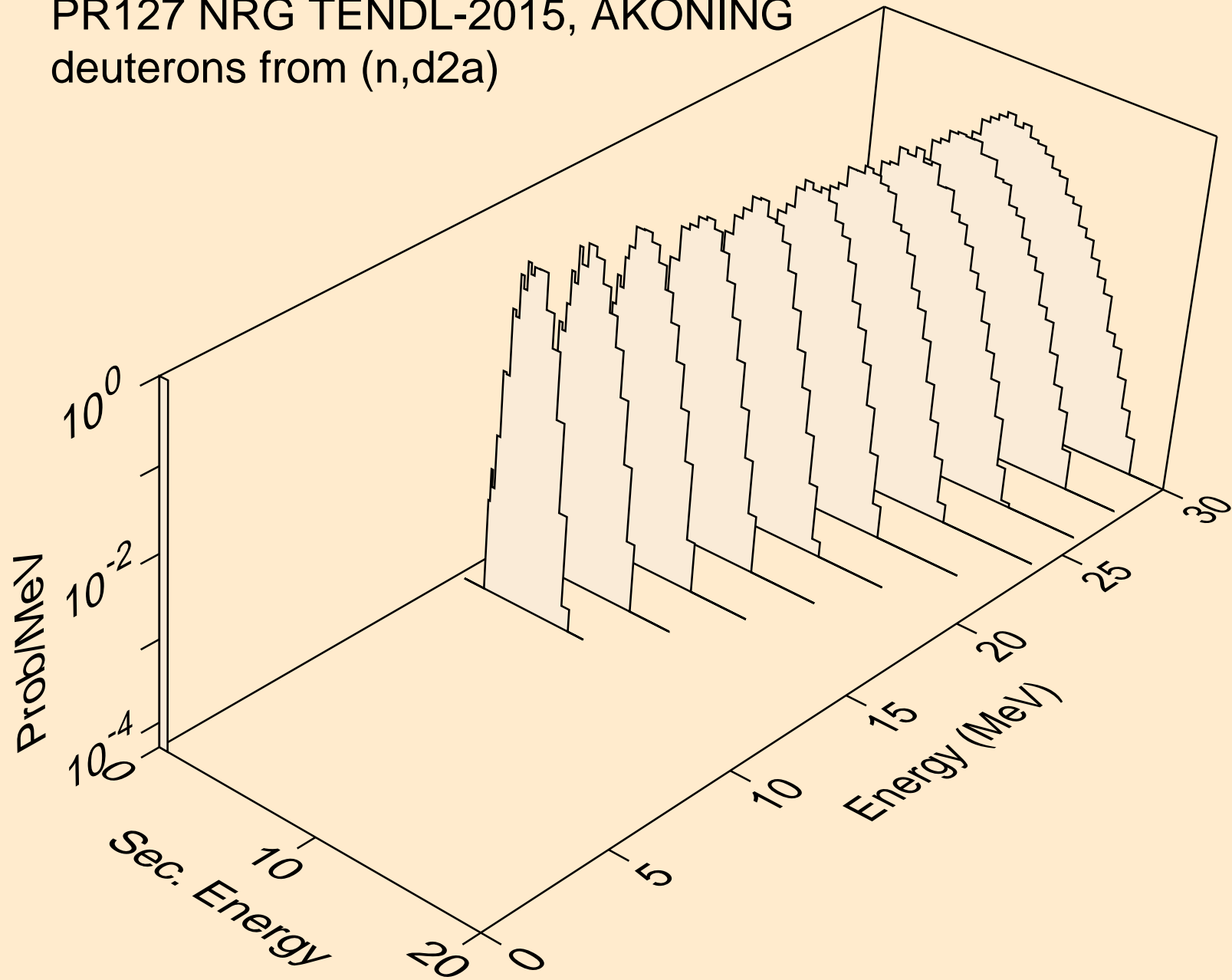
PR127 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



PR127 NRG TENDL-2015, AKONING  
deuterons from (n,d)

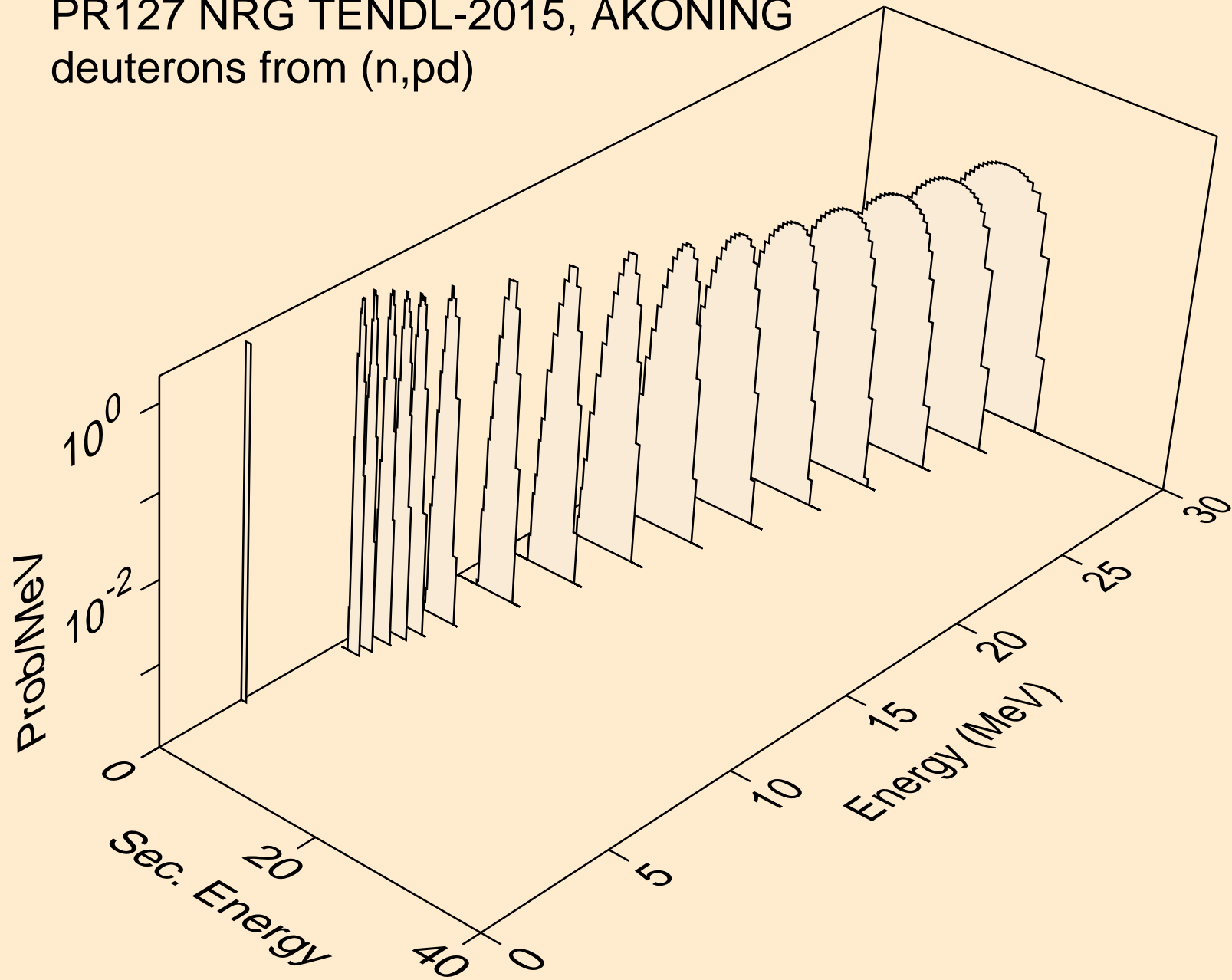


PR127 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

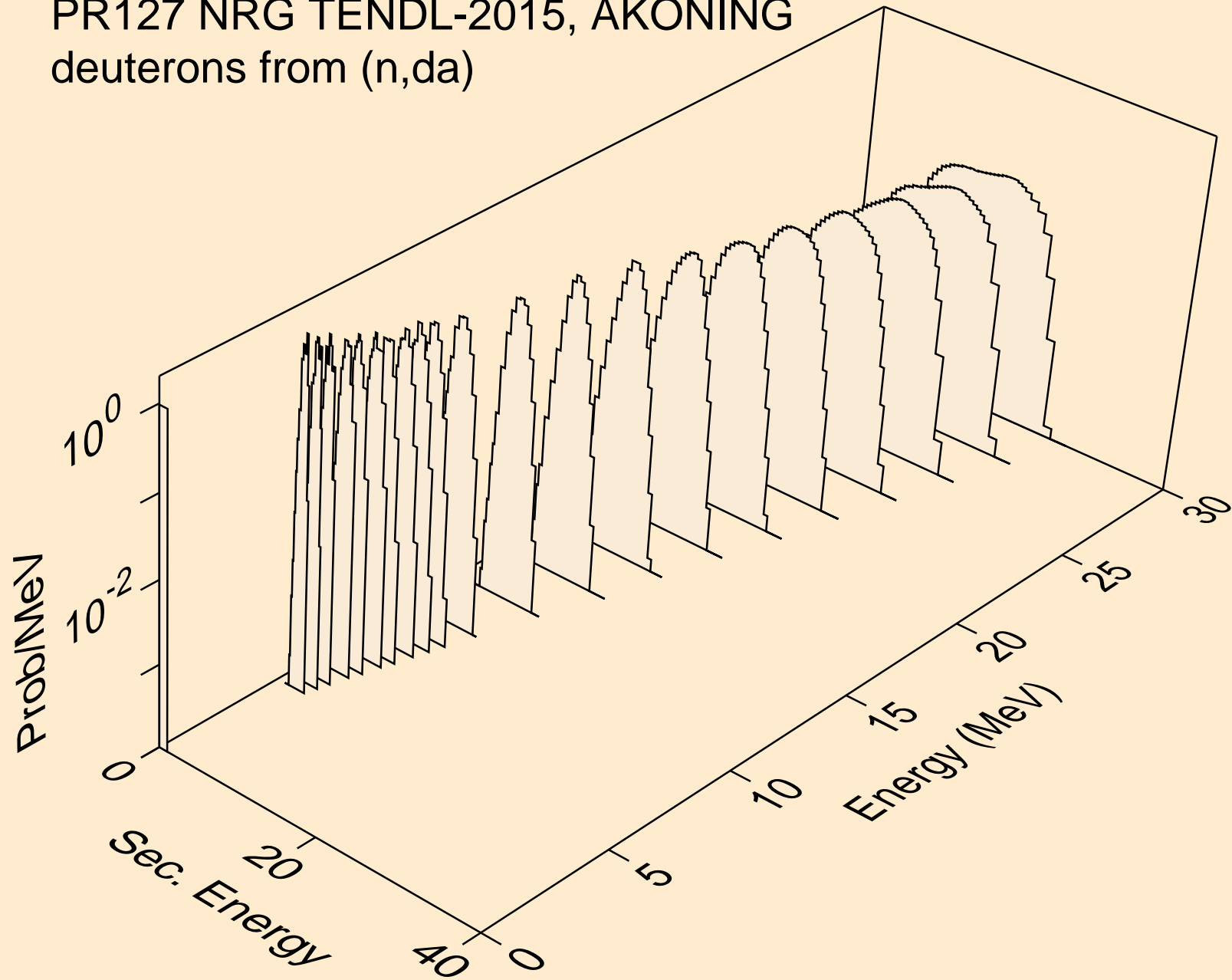




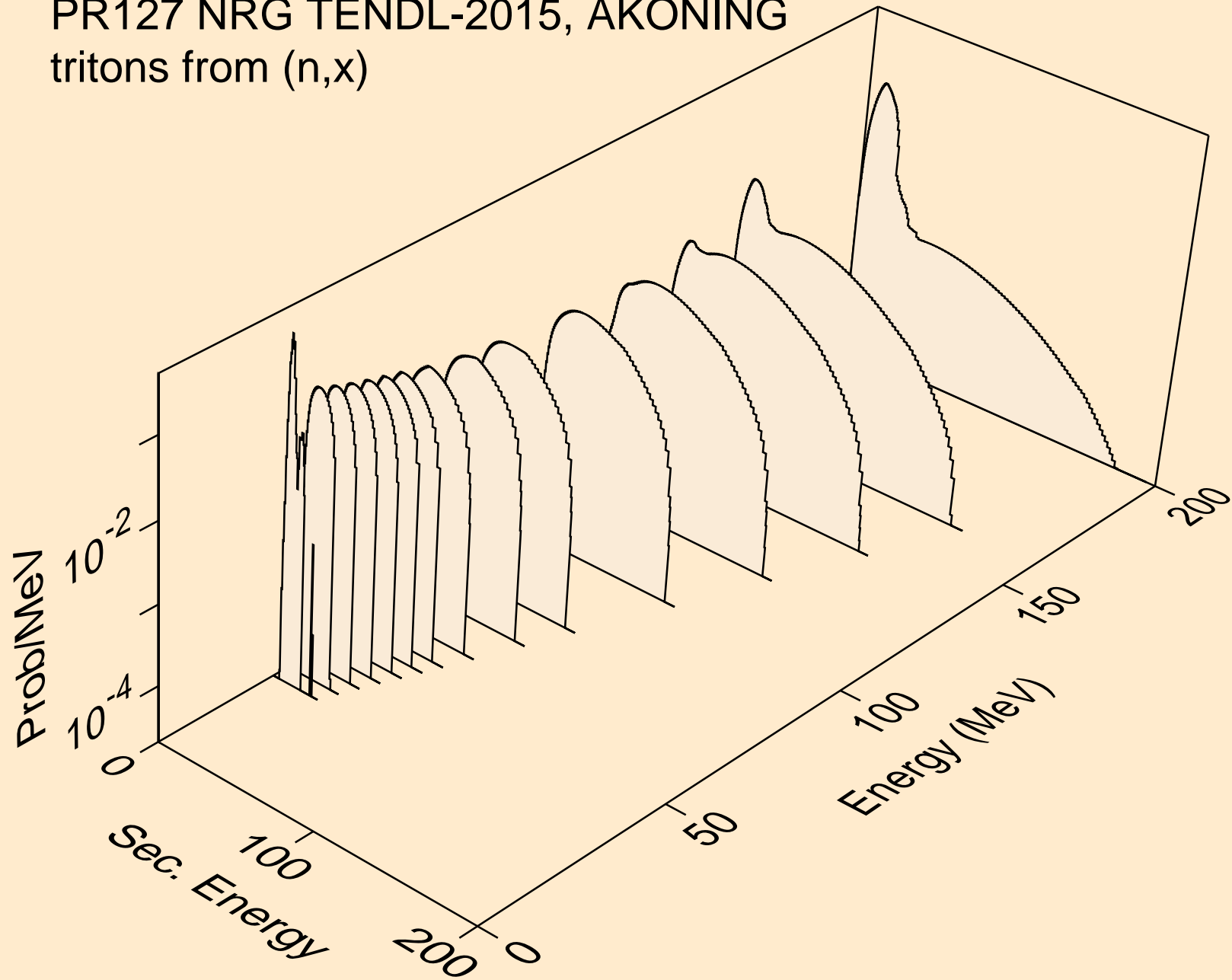
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deuterons from (n,pd)



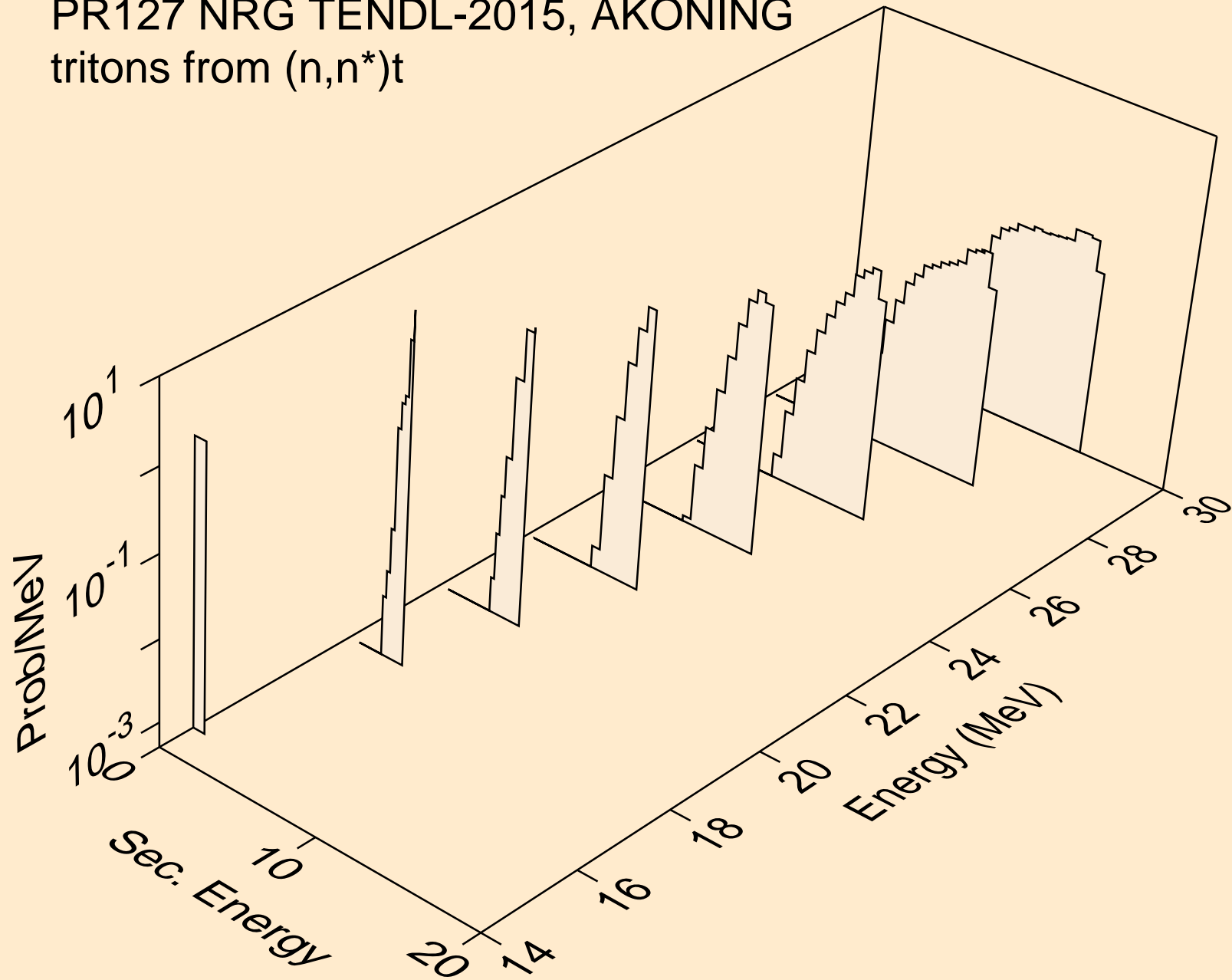
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deuterons from (n,da)



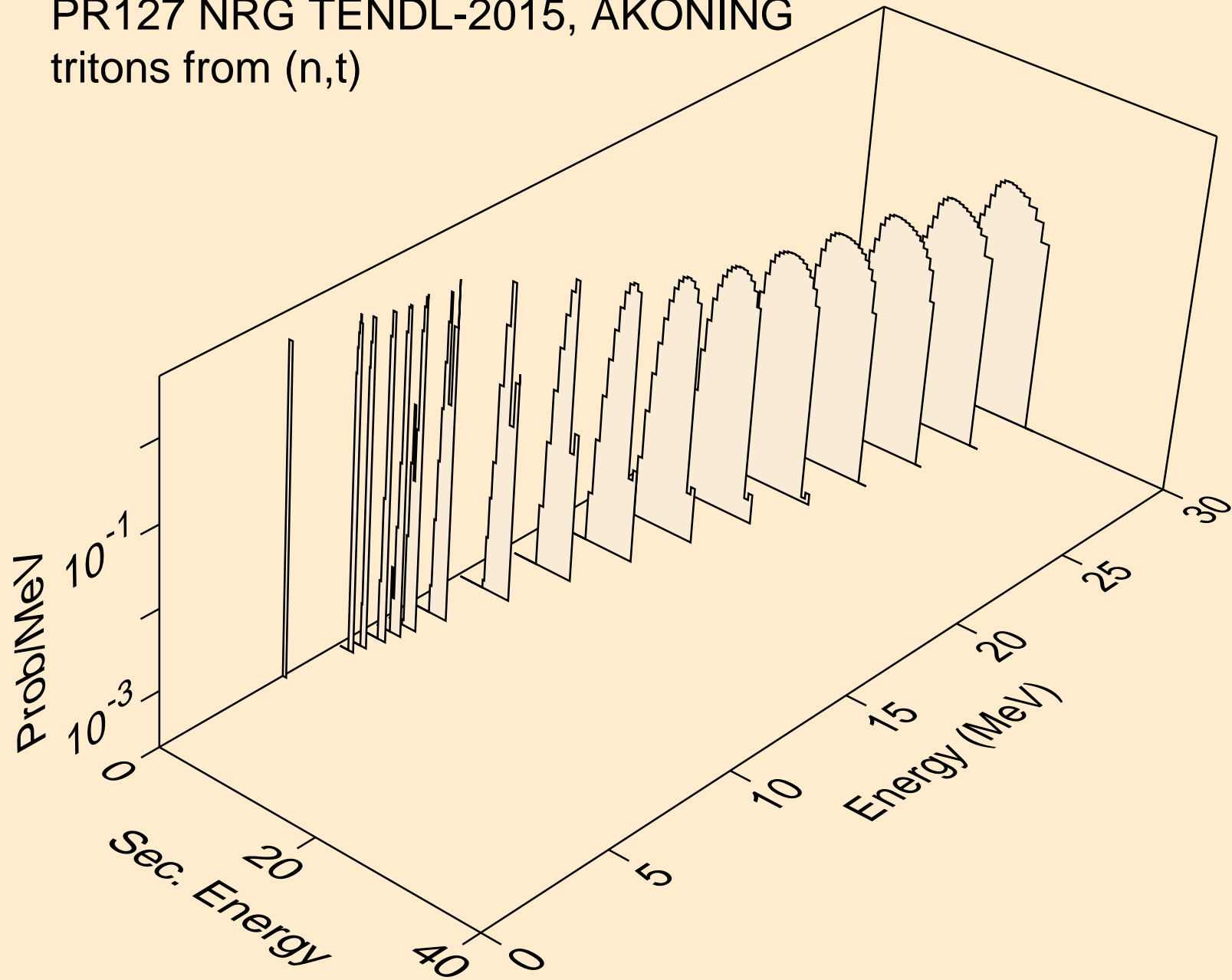
PR127 NRG TENDL-2015, AKONING  
tritons from (n,x)



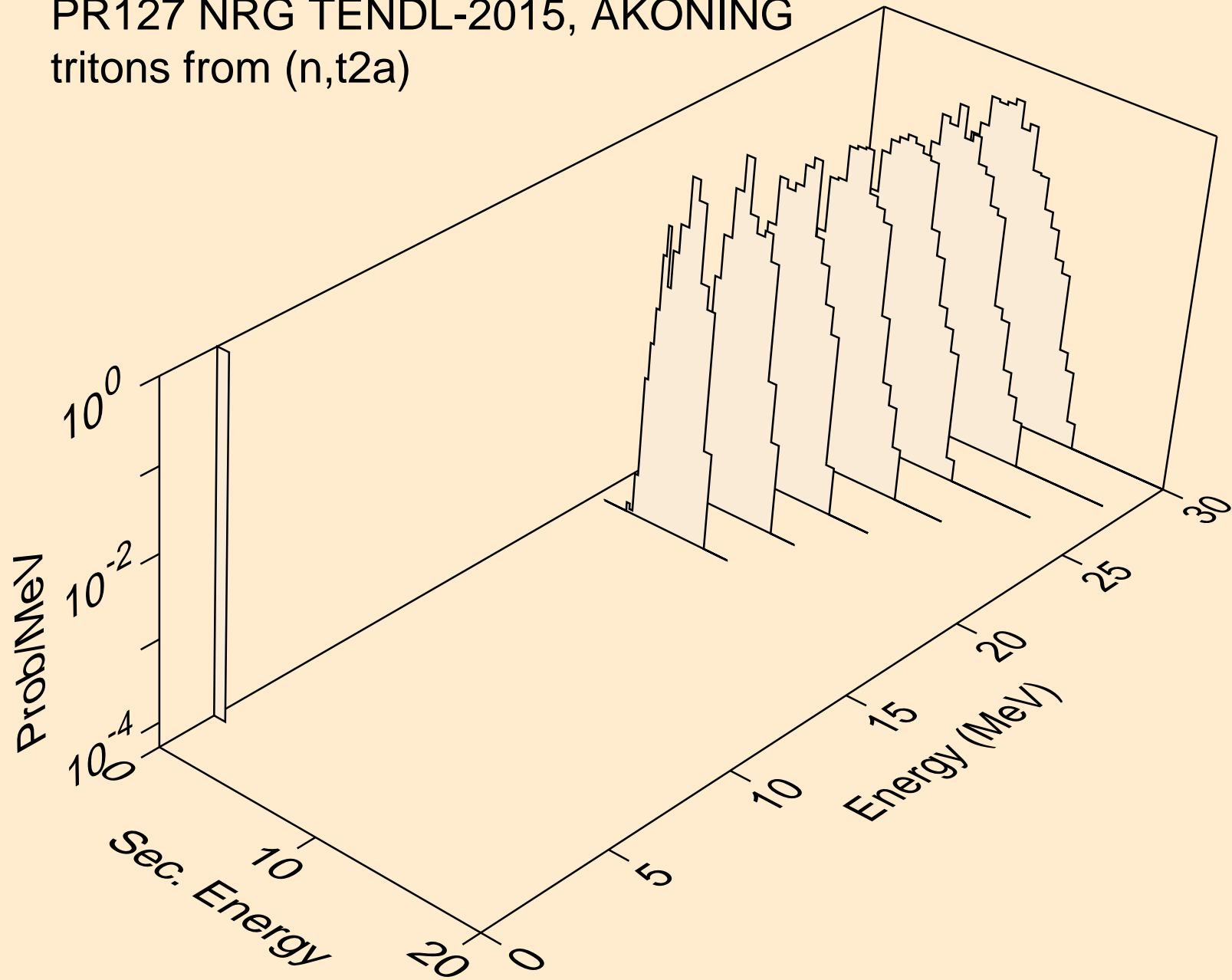
PR127 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



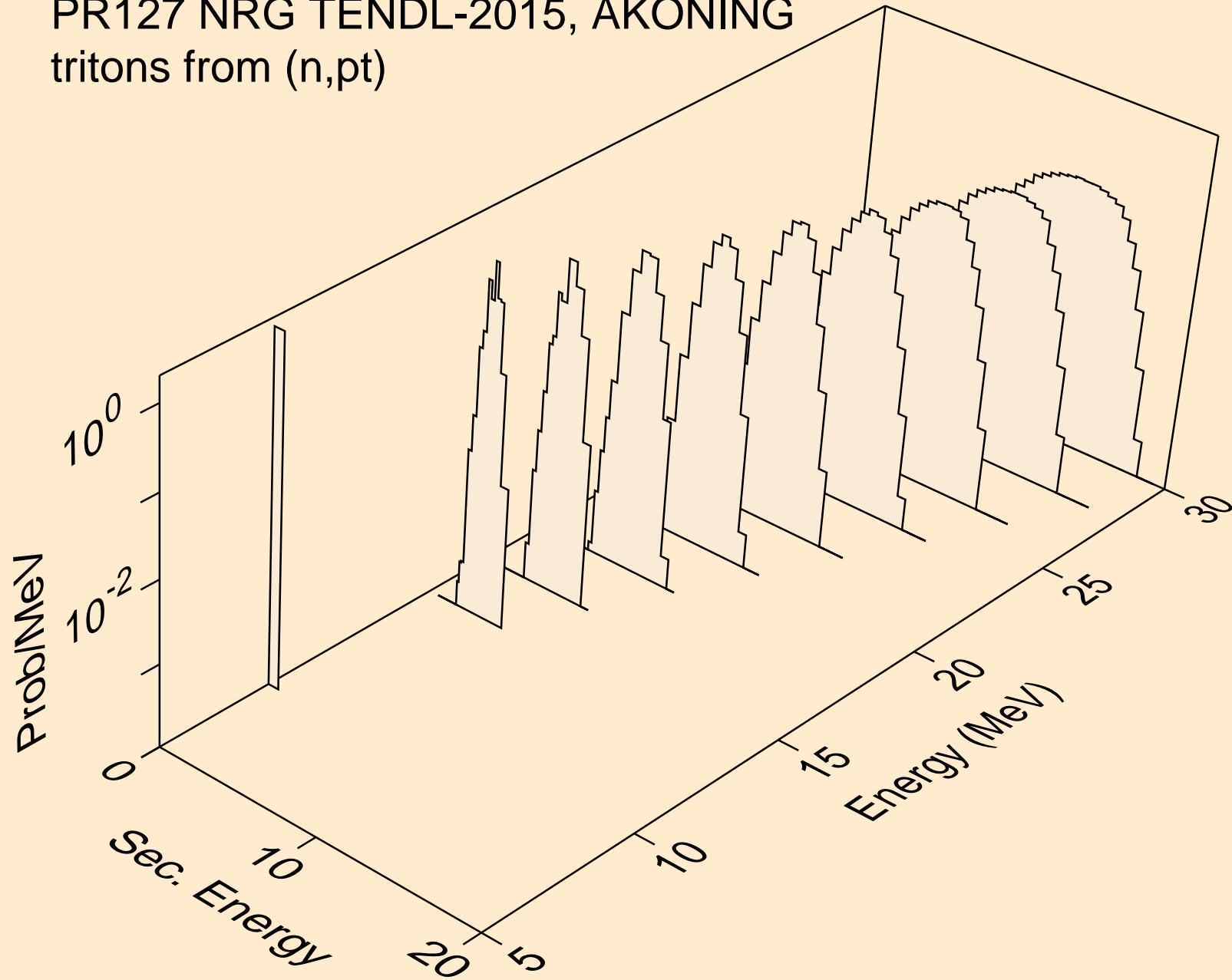
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tritons from (n,t)



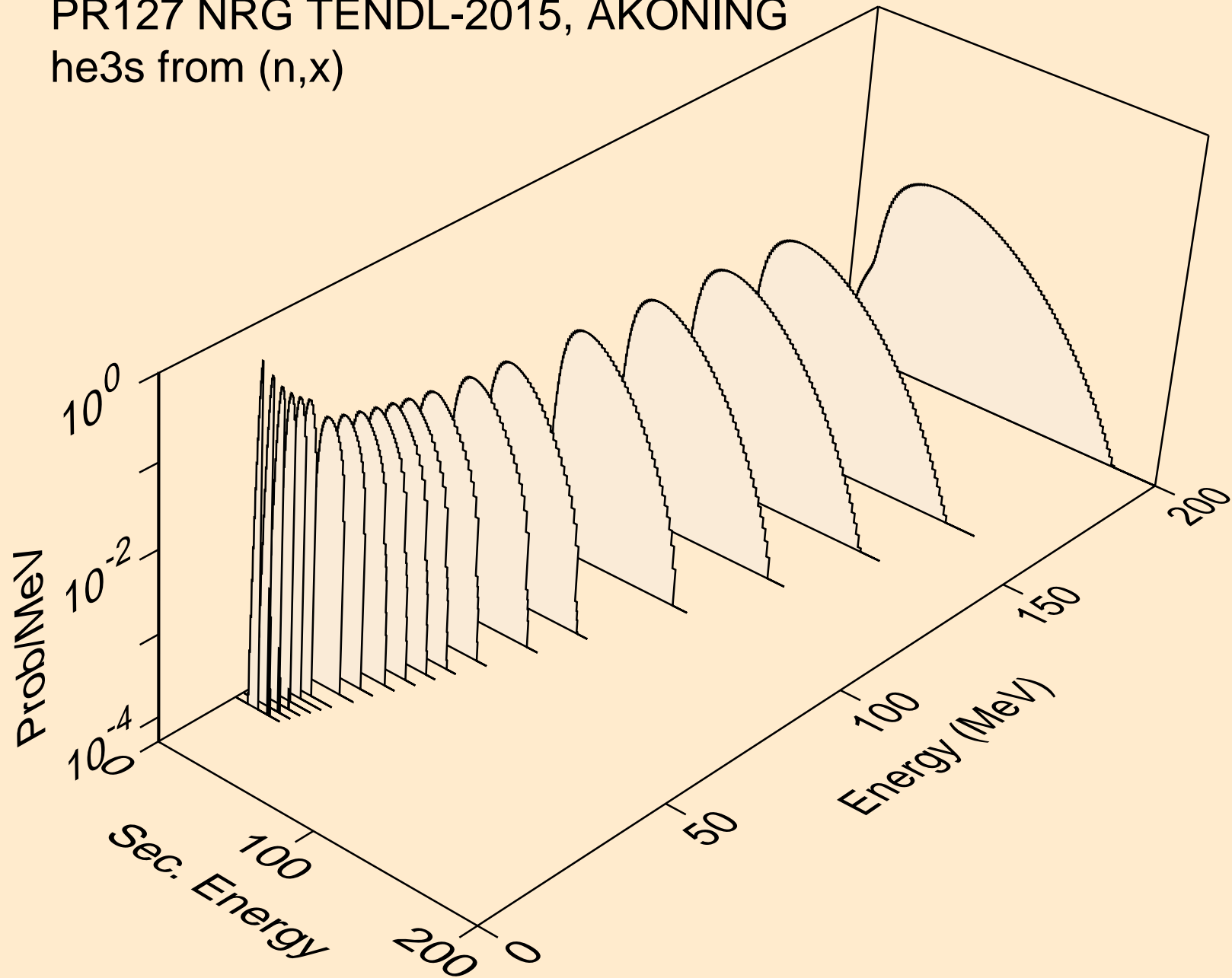
PR127 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



PR127 NRG TENDL-2015, AKONING  
tritons from (n,pt)

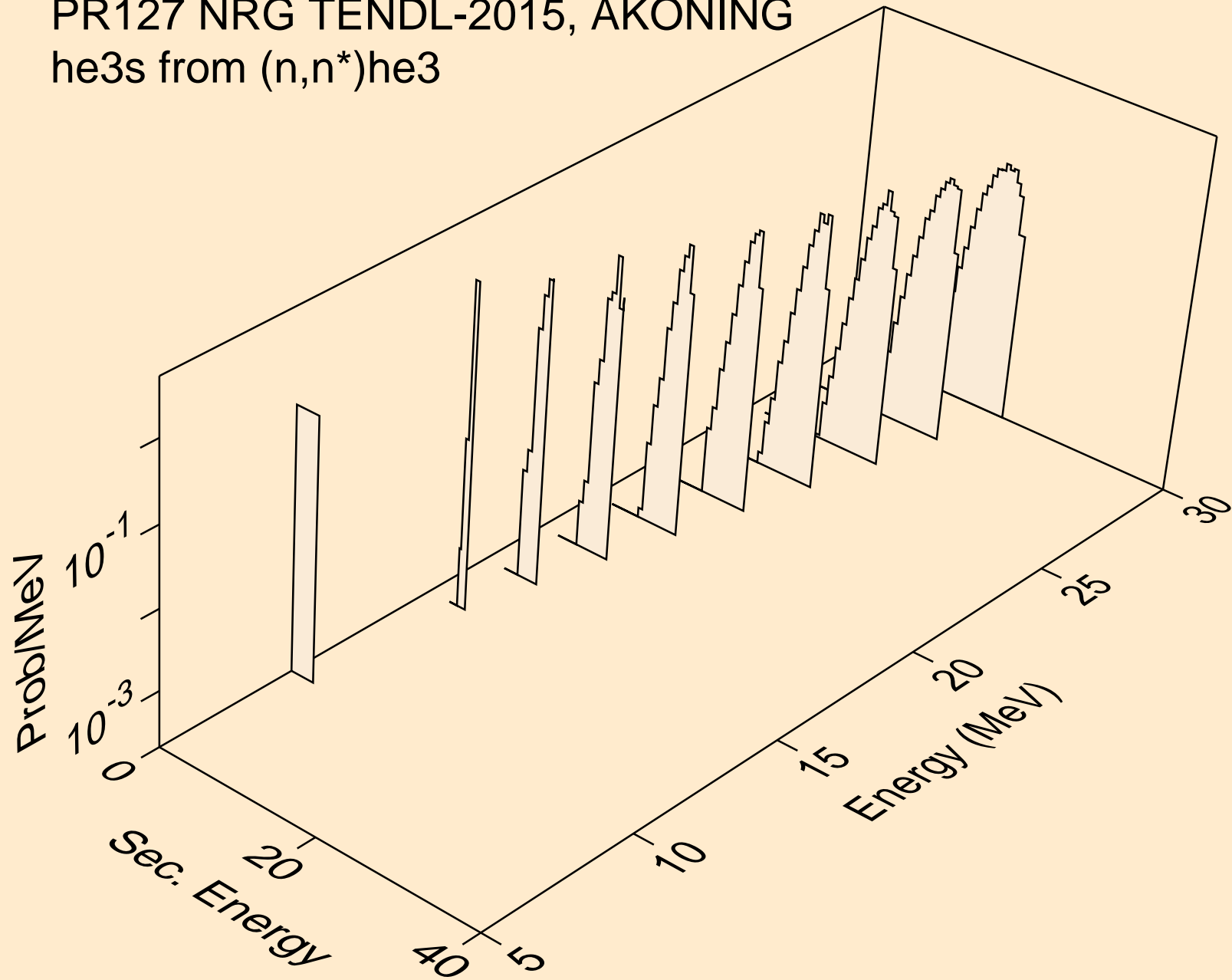


PR127 NRG TENDL-2015, AKONING  
he3s from (n,x)

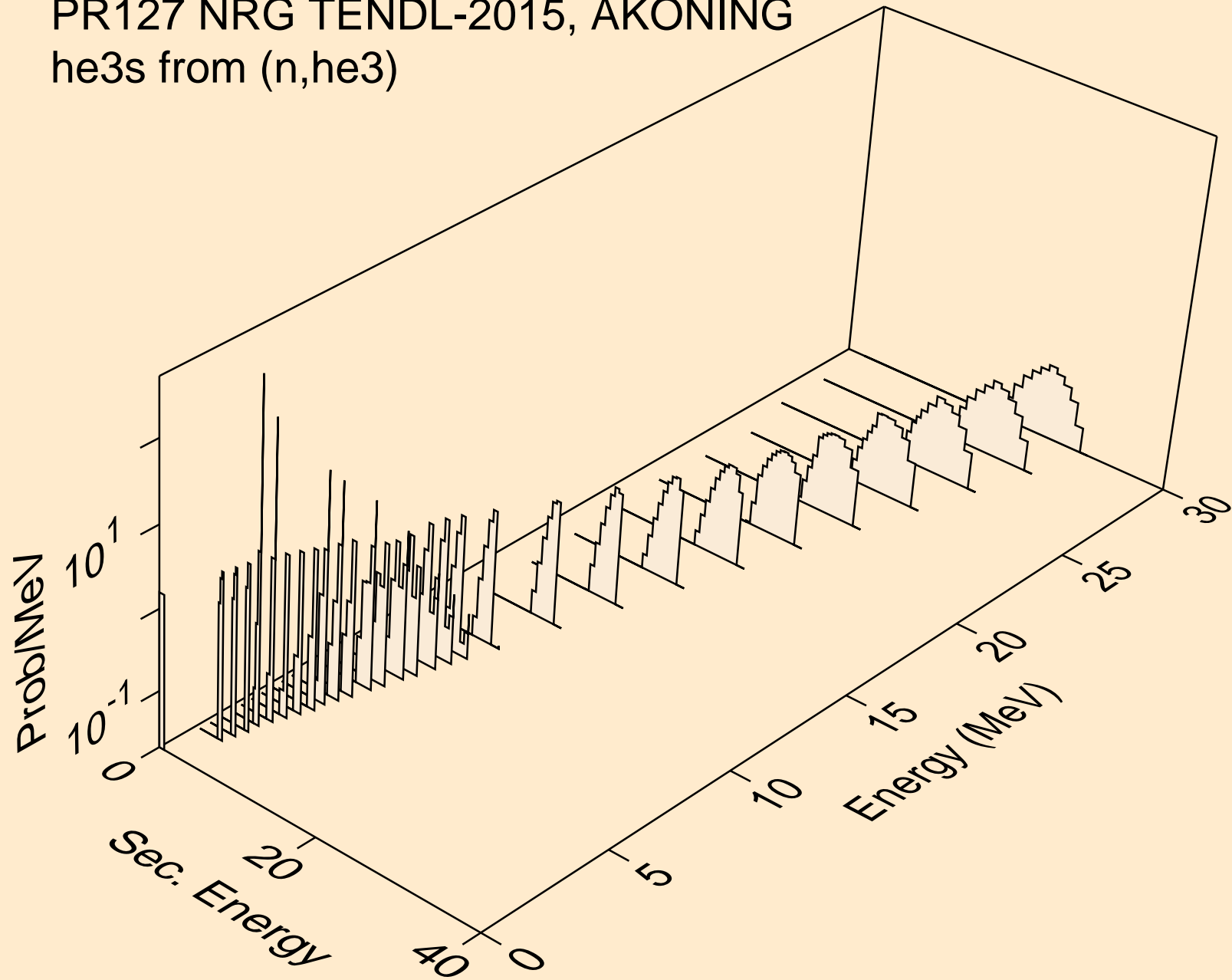




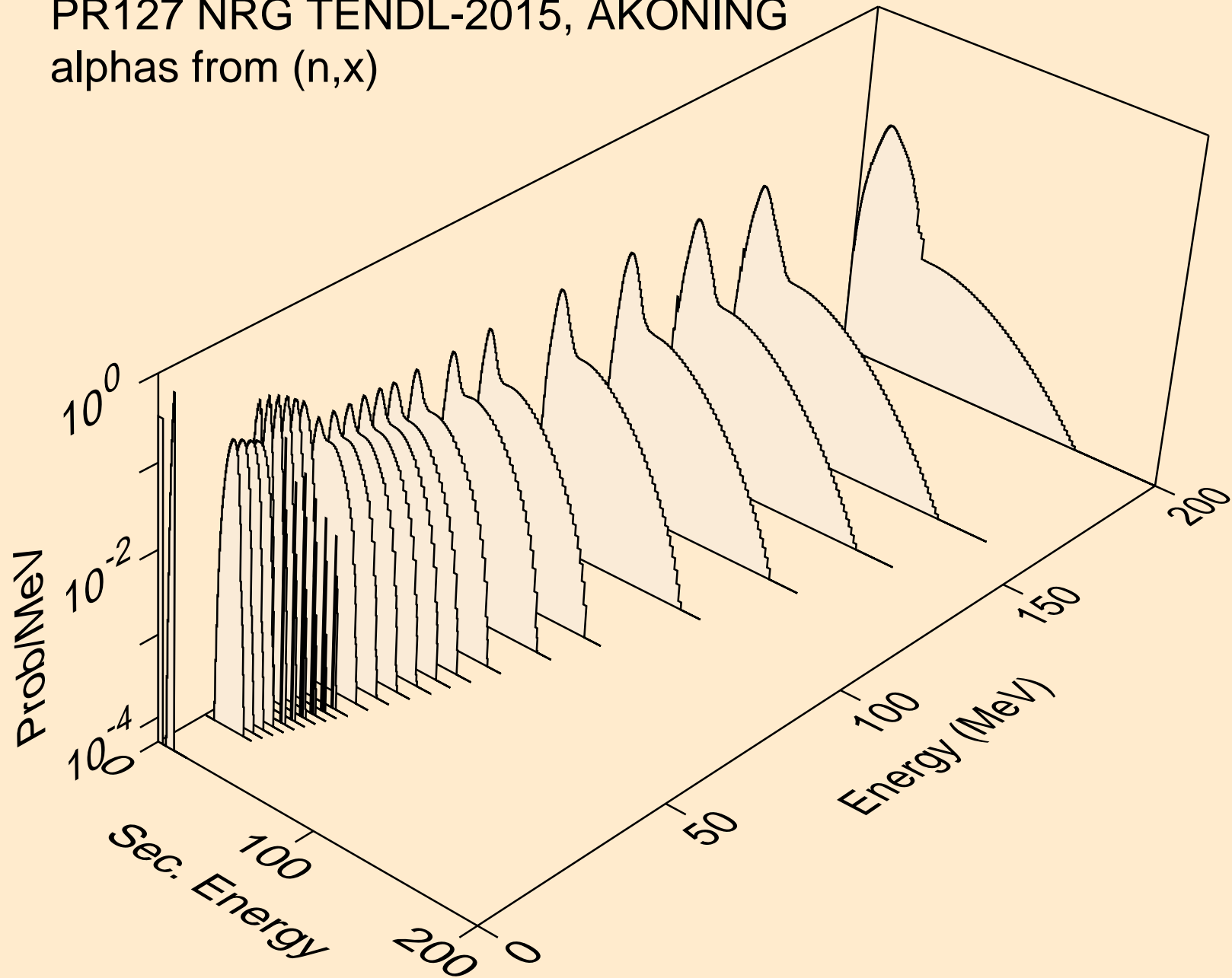
PR127 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



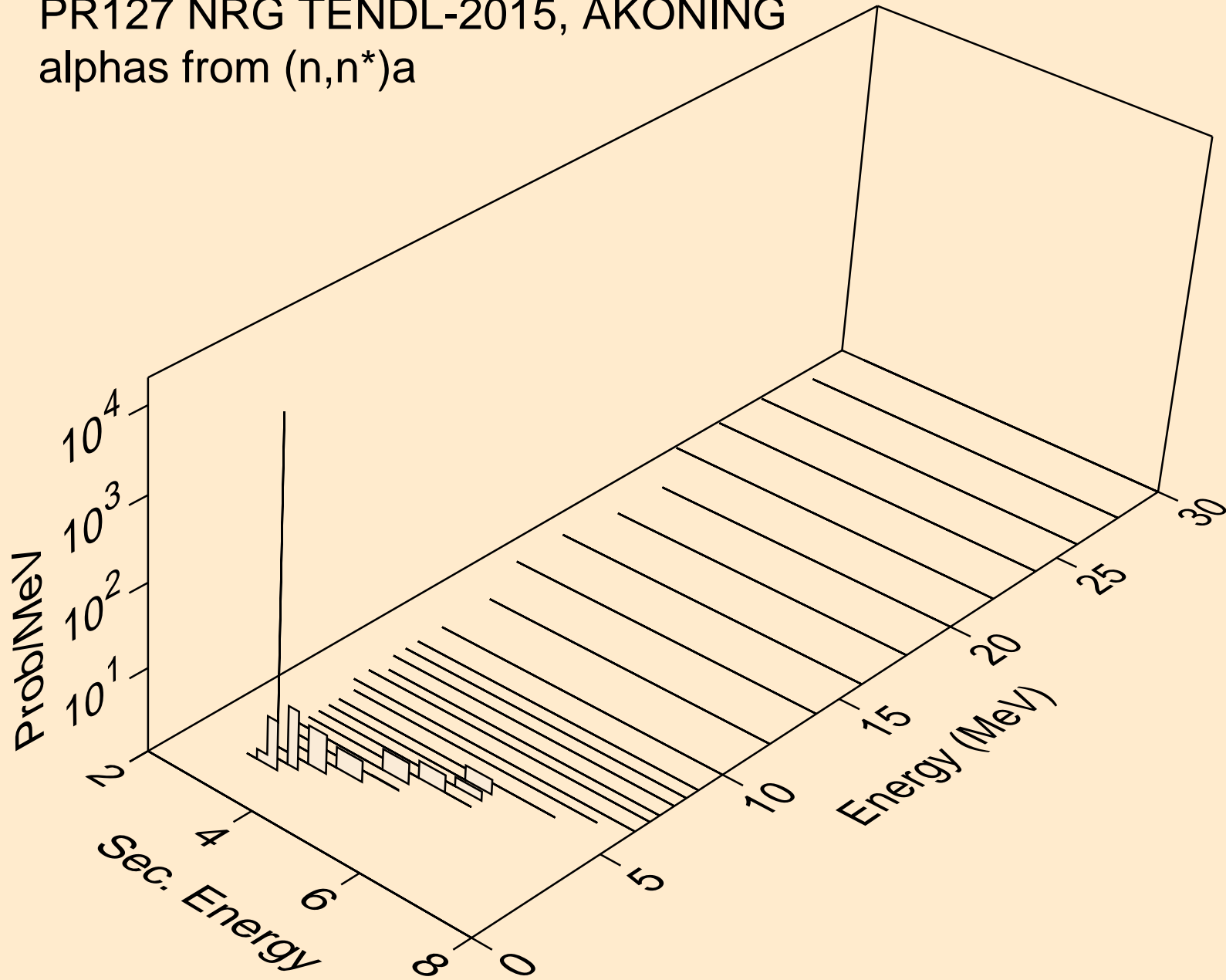
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he3s from (n,he3)



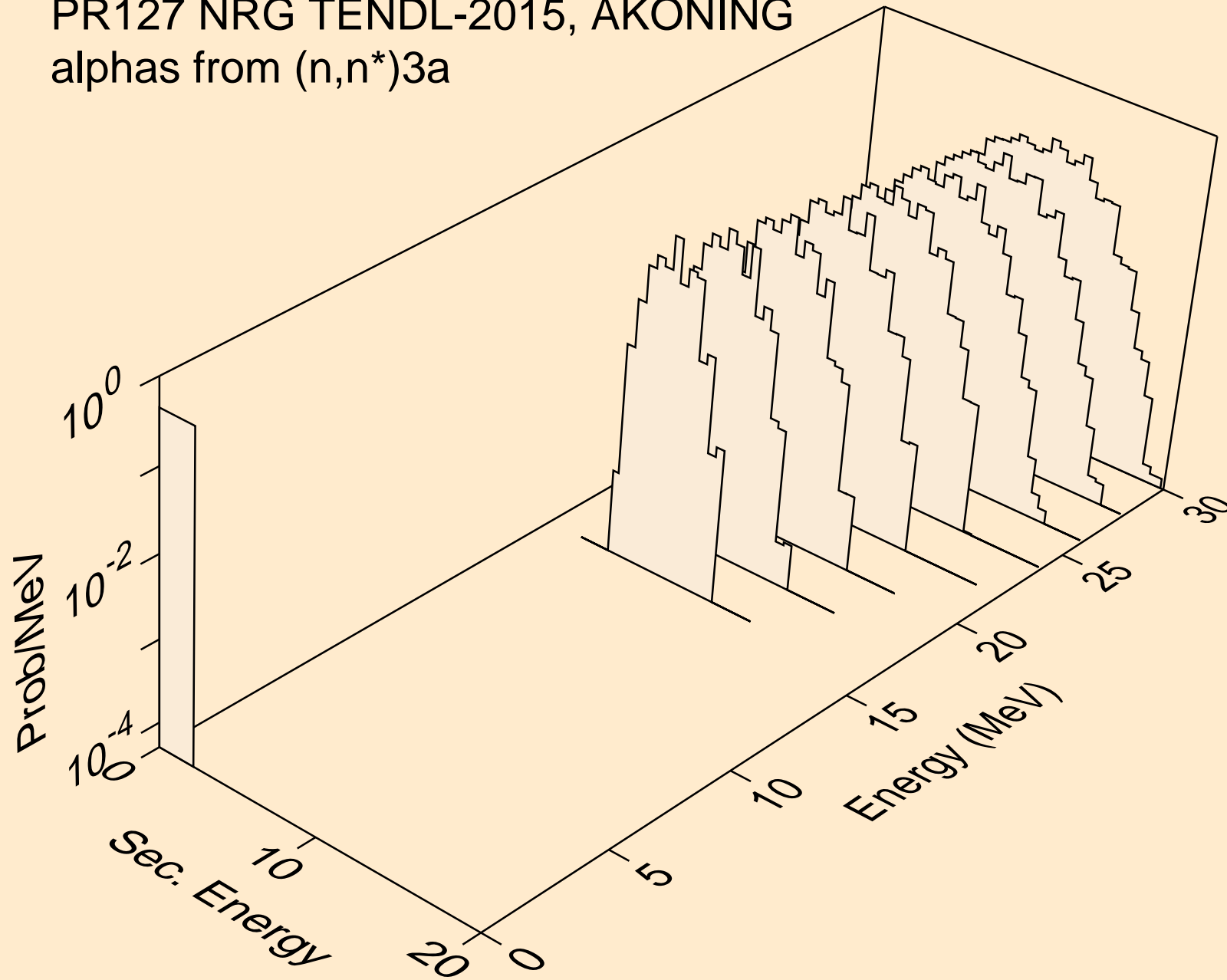
PR127 NRG TENDL-2015, AKONING  
alphas from (n,x)



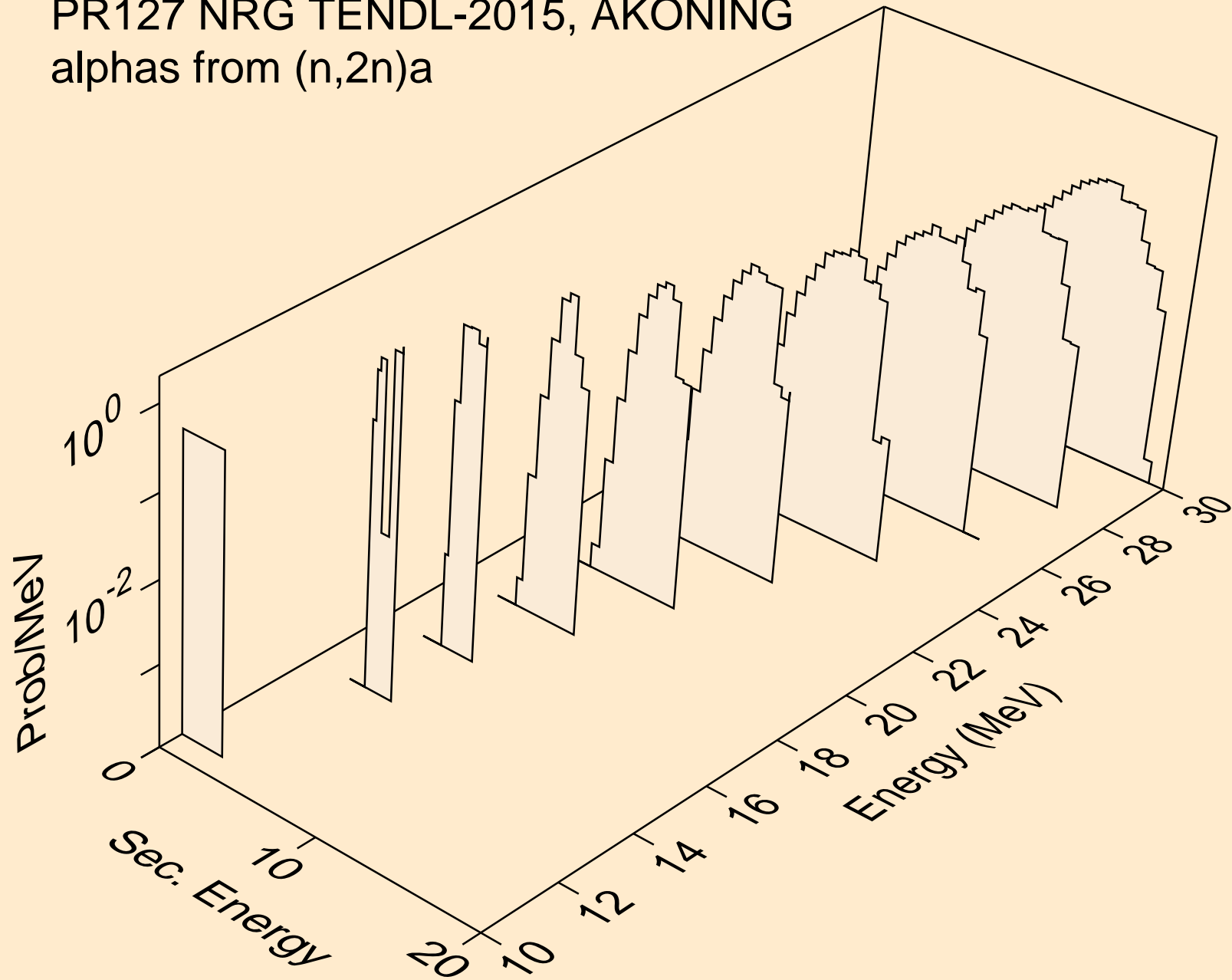
PR127 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



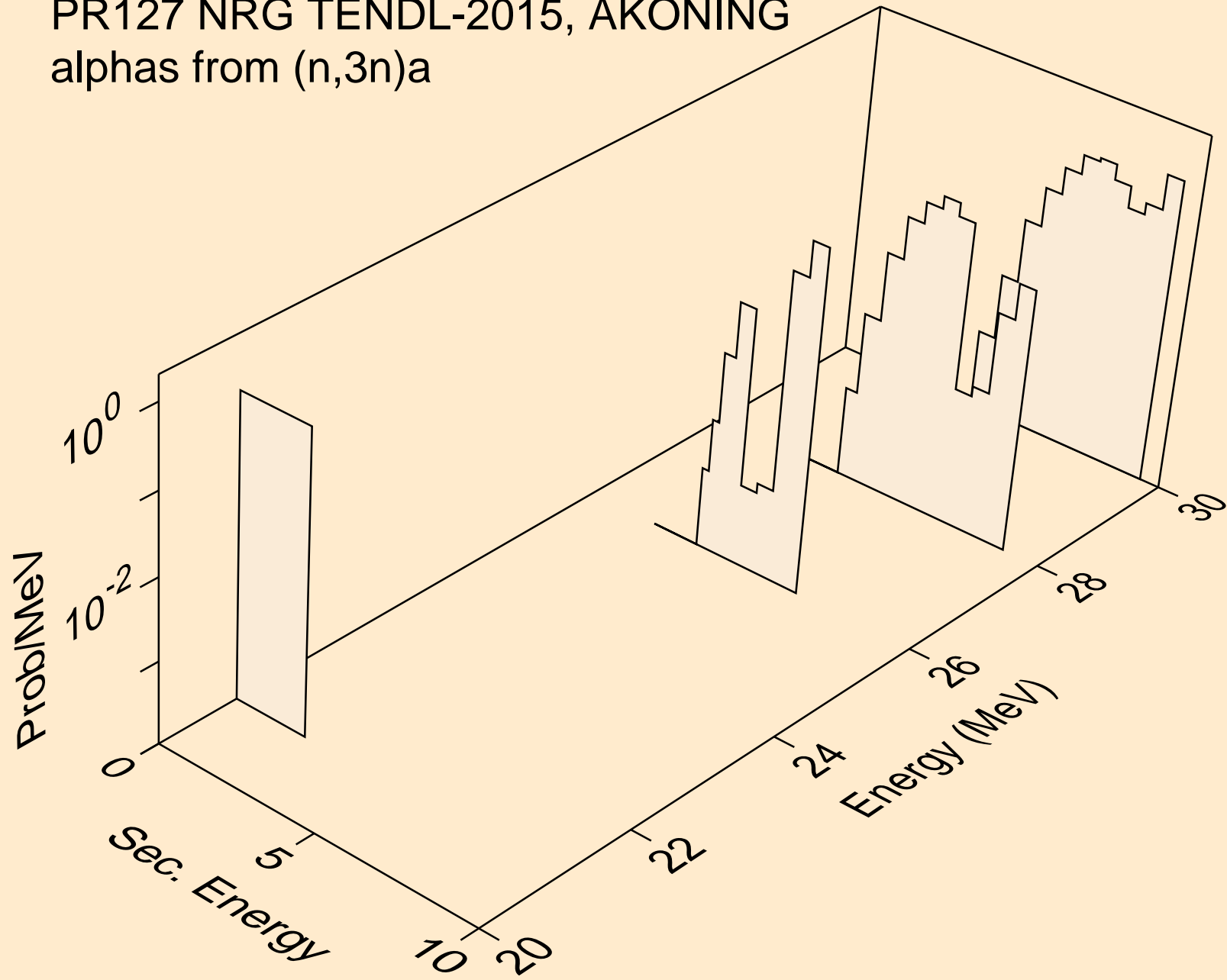
PR127 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



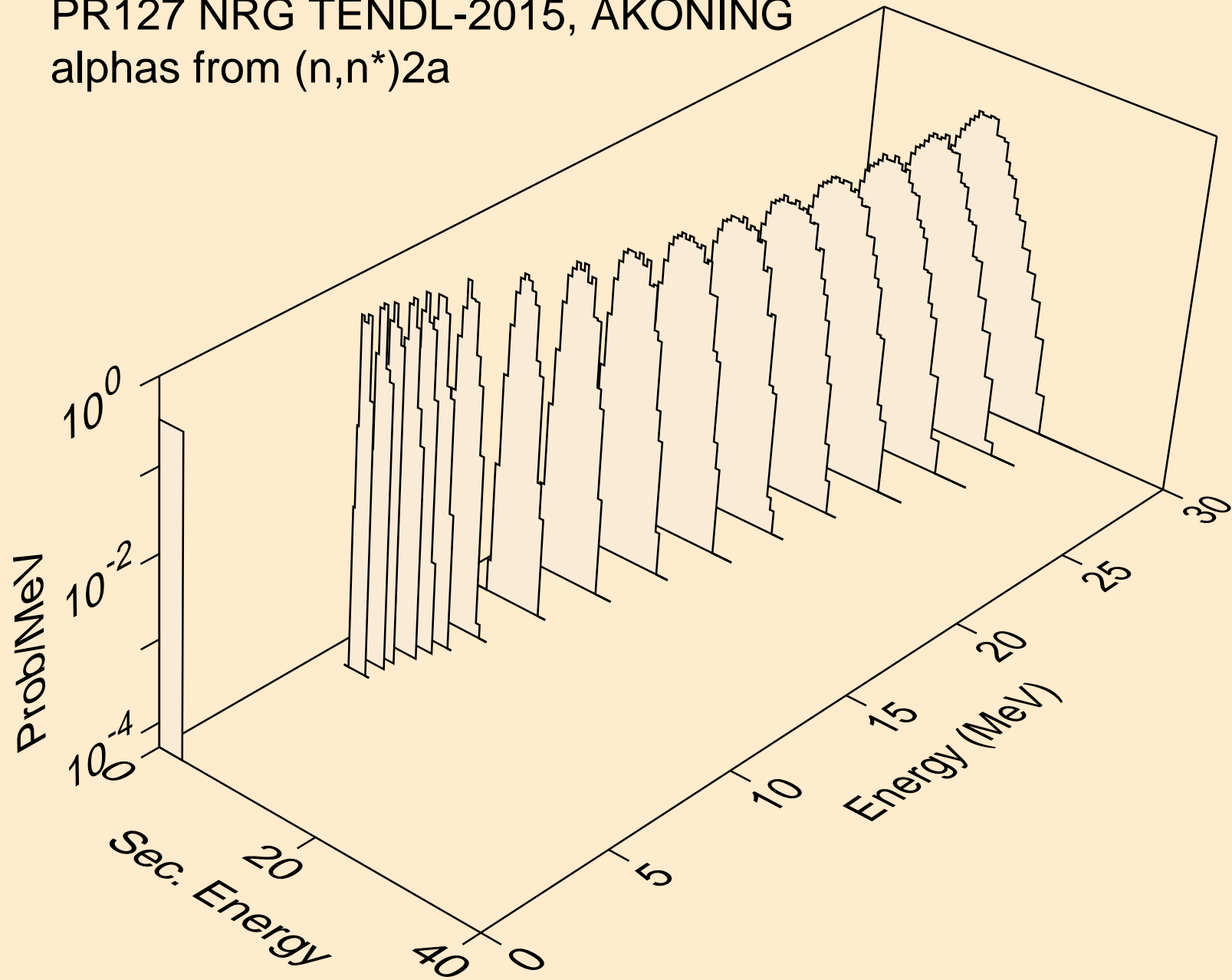
PR127 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



PR127 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

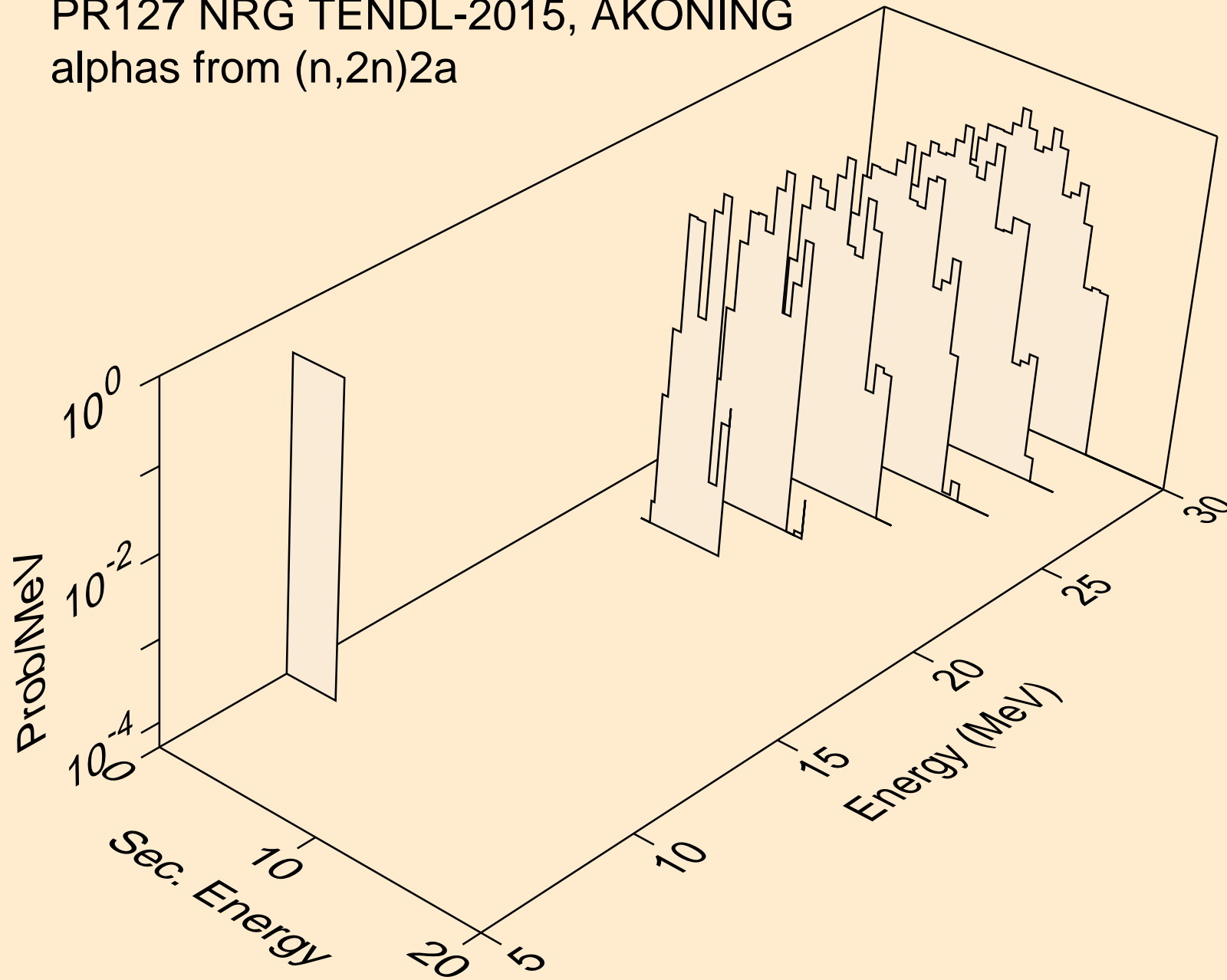


PR127 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a

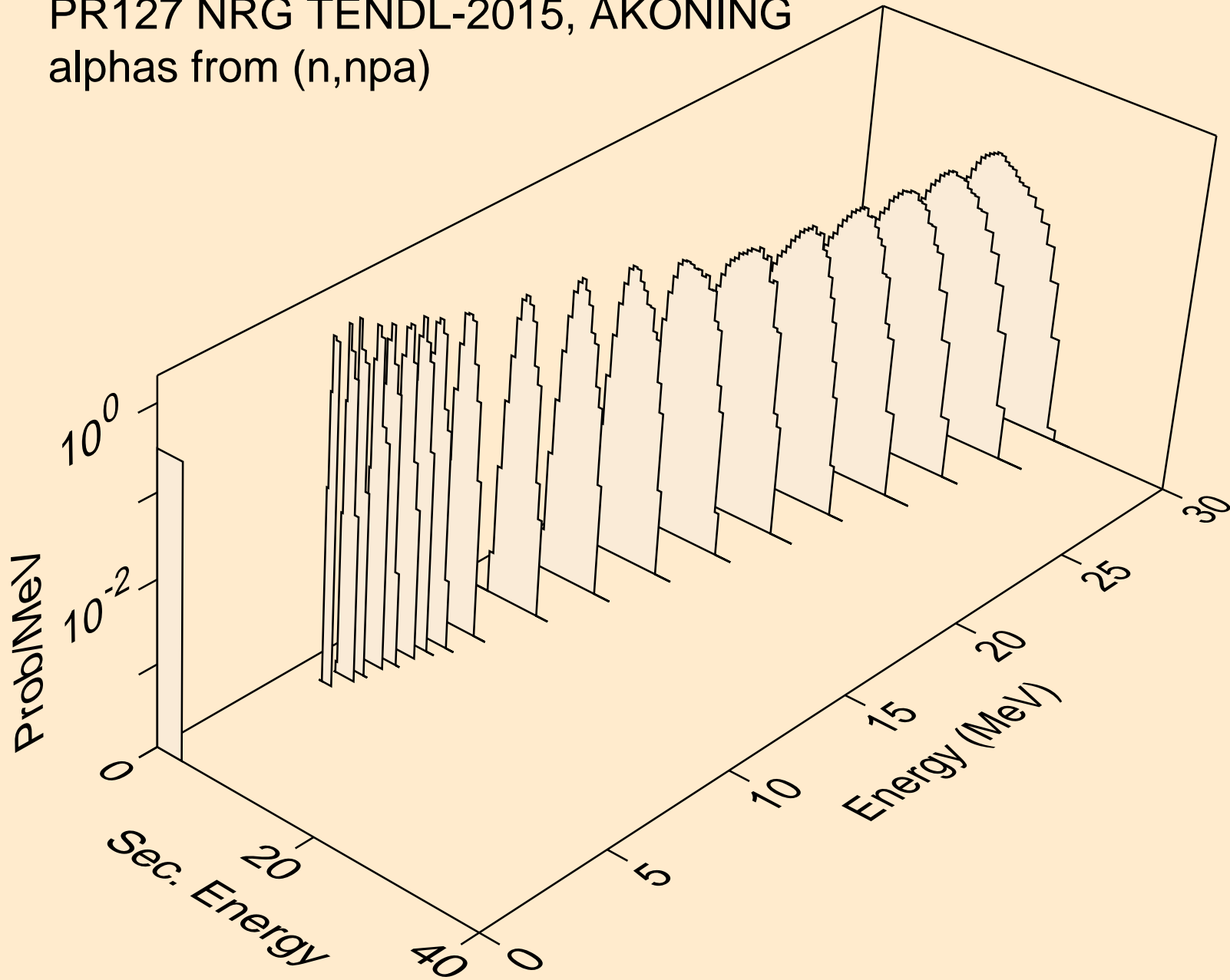




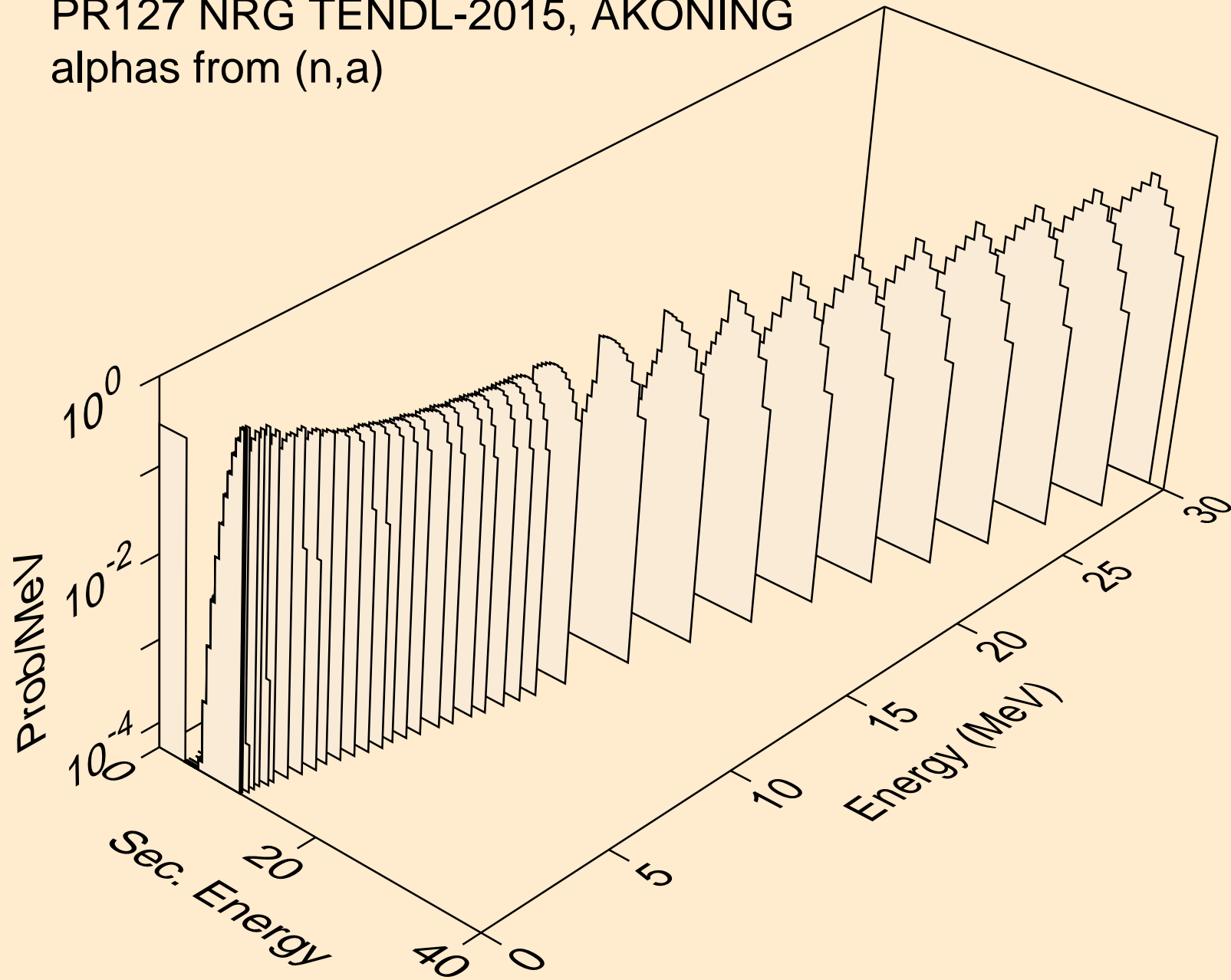
PR127 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



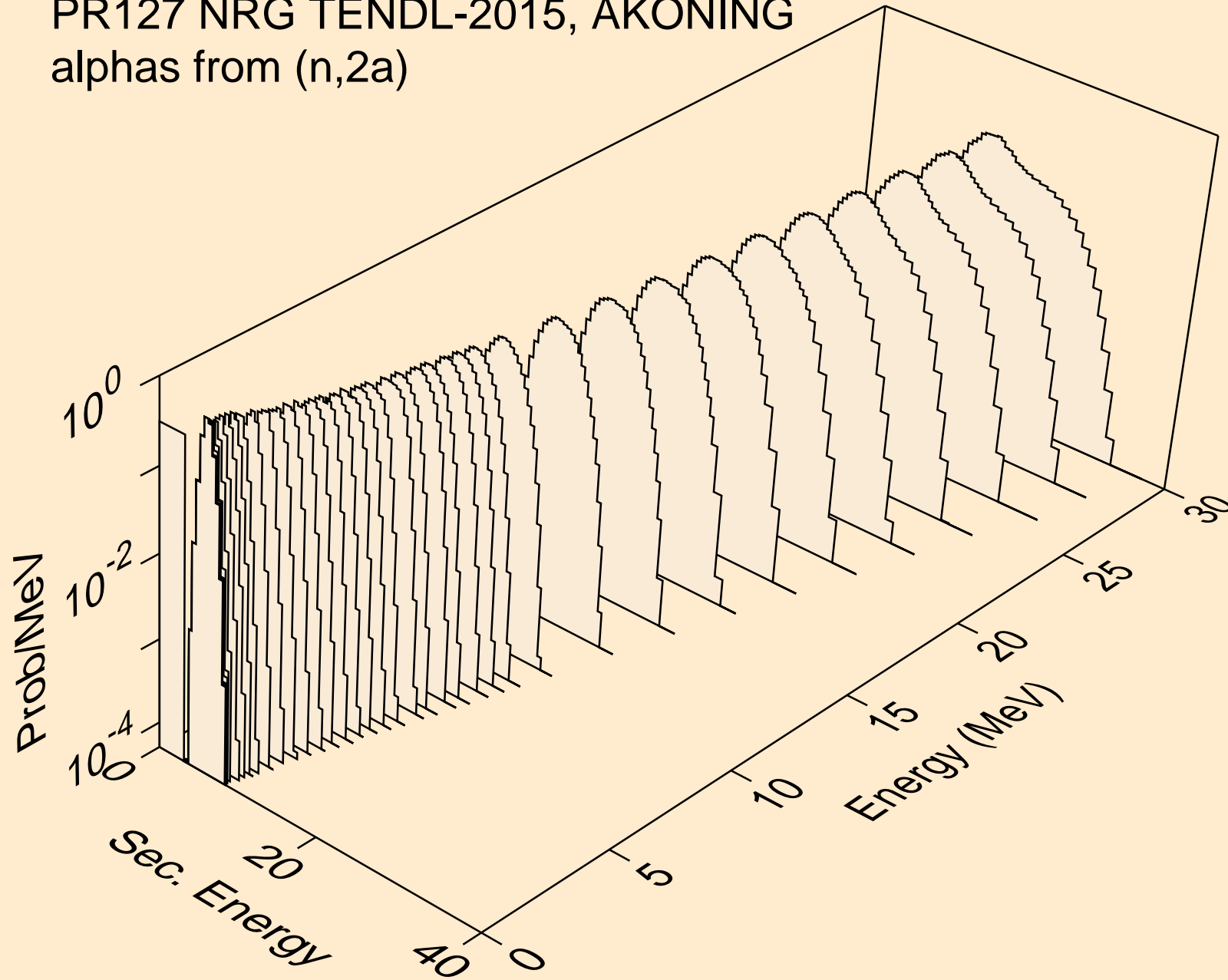
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alphas from (n,npa)



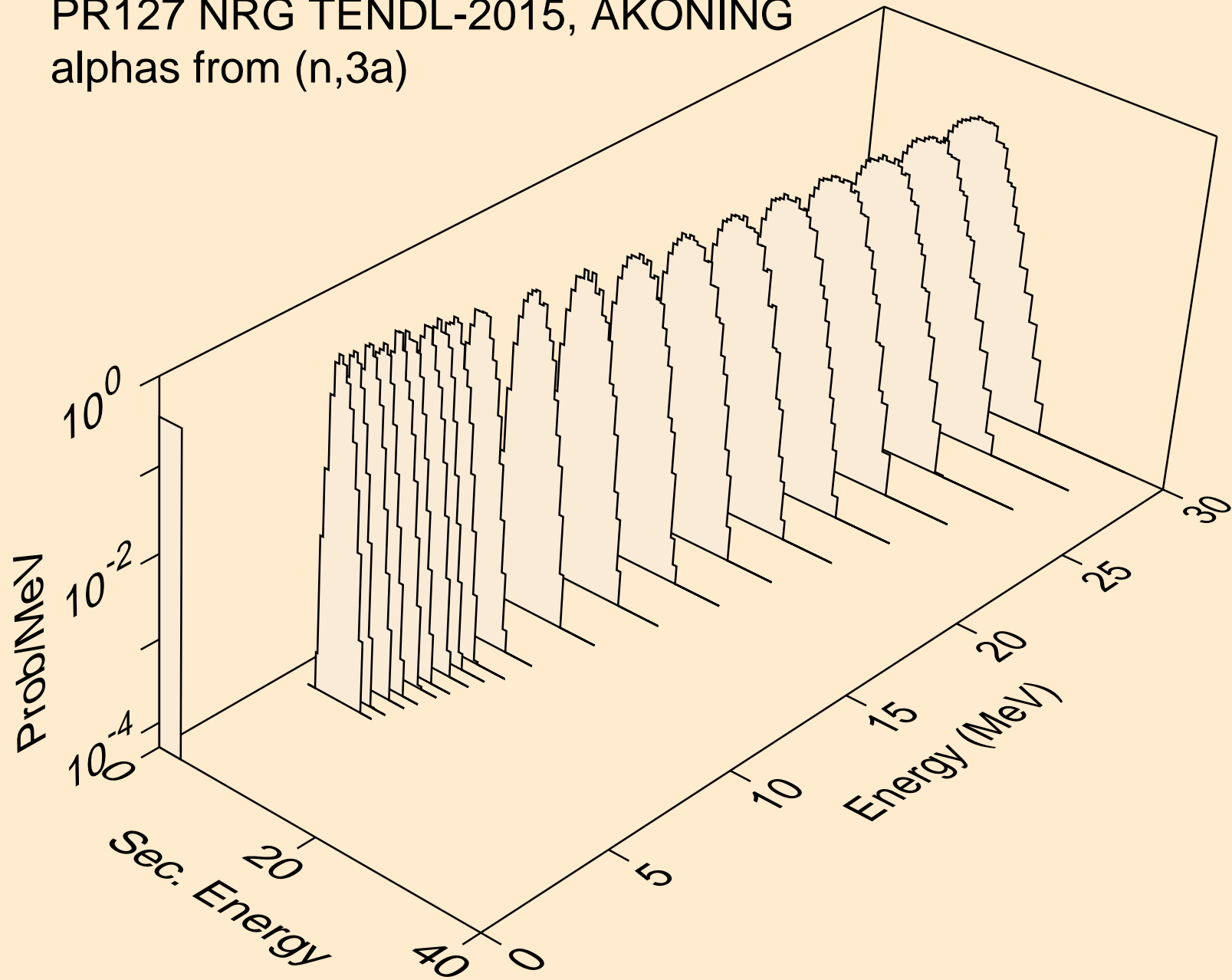
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alphas from (n,a)



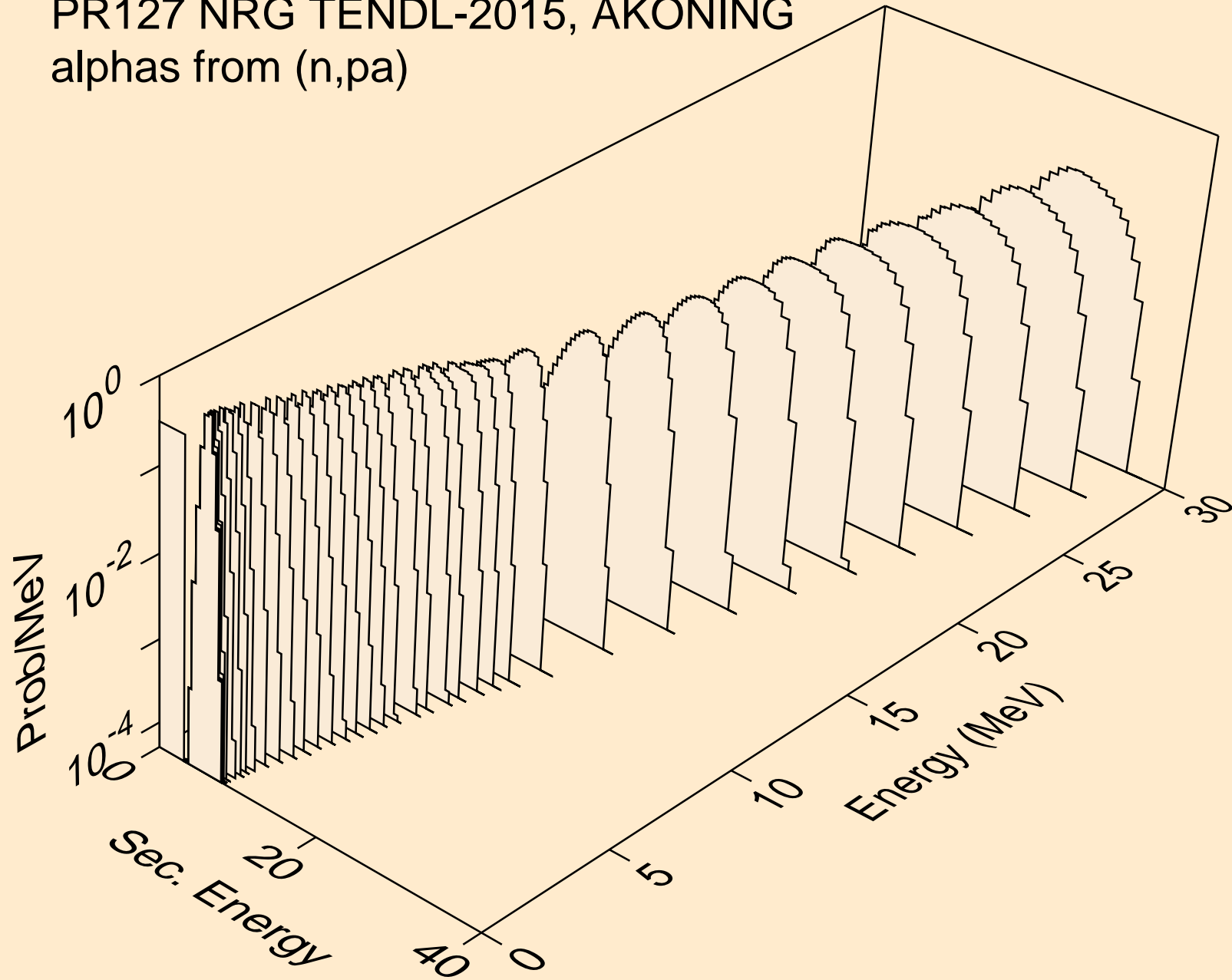
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alphas from (n,2a)



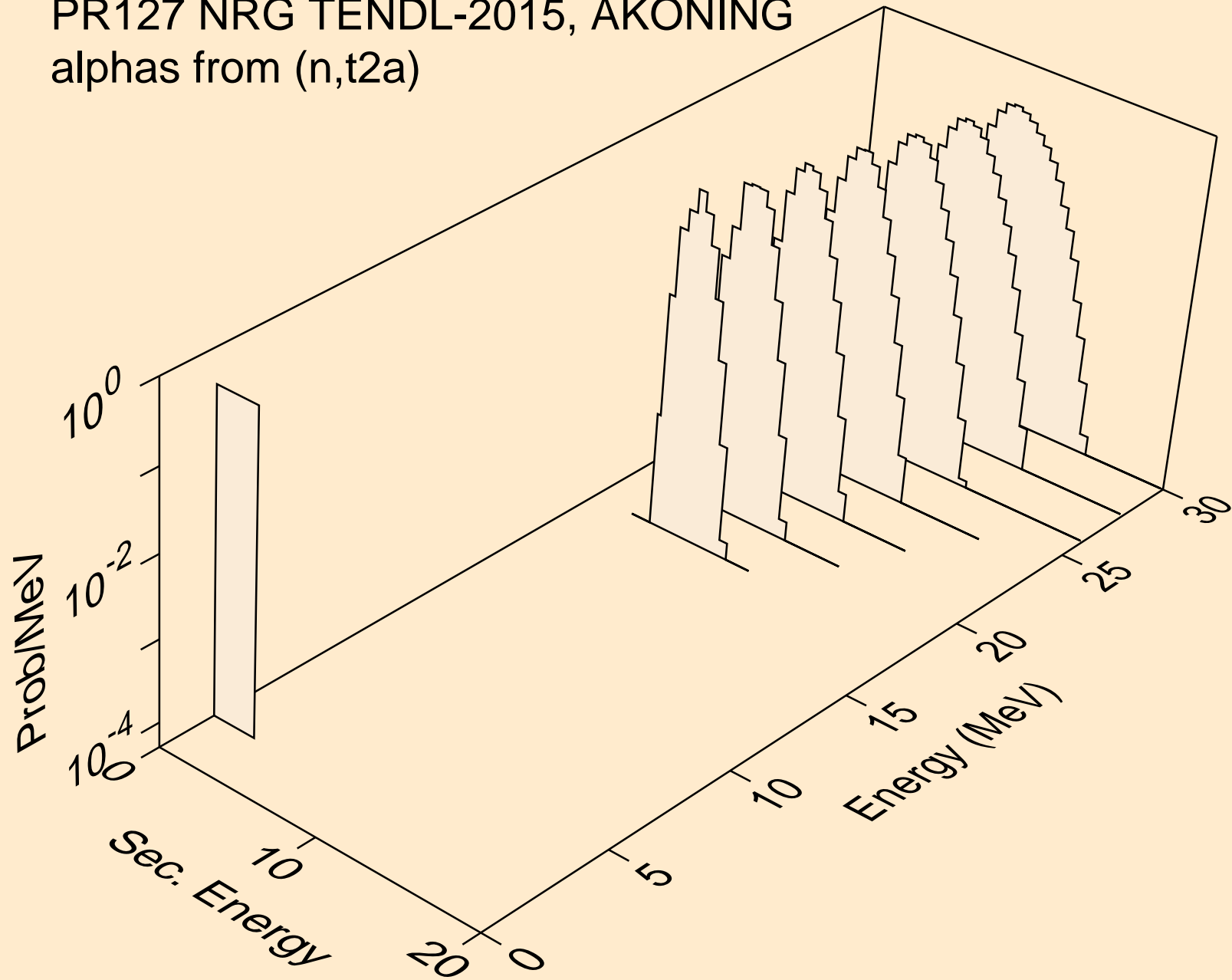
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alphas from (n,3a)



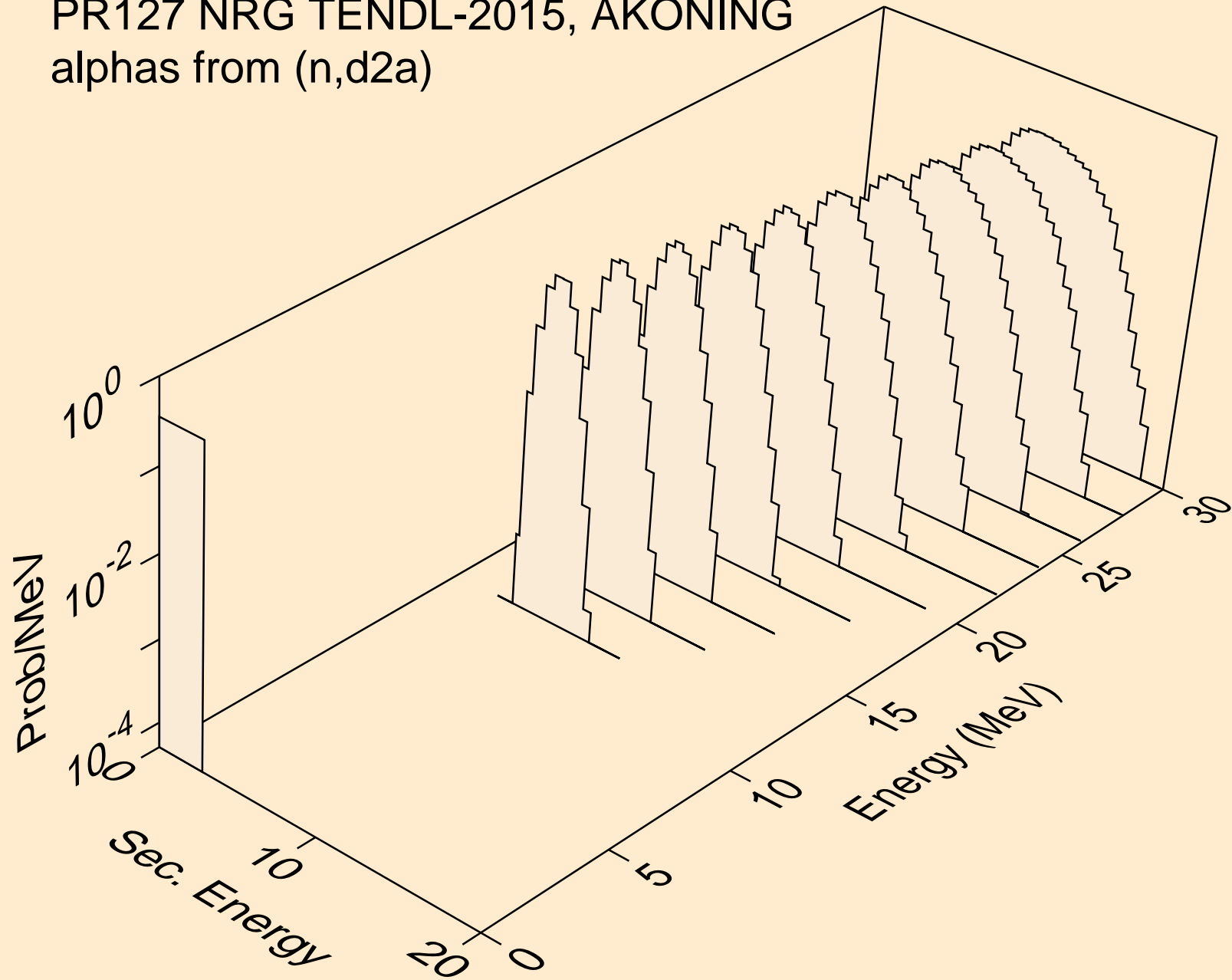
PR127 NRG TENDL-2015, AKONING  
alphas from (n,pa)



PR127 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



PR127 NRG TENDL-2015, AKONING  
alphas from (n,d2a)





PR127 NRG TENDL-2015, AKONING  
alphas from (n,da)

