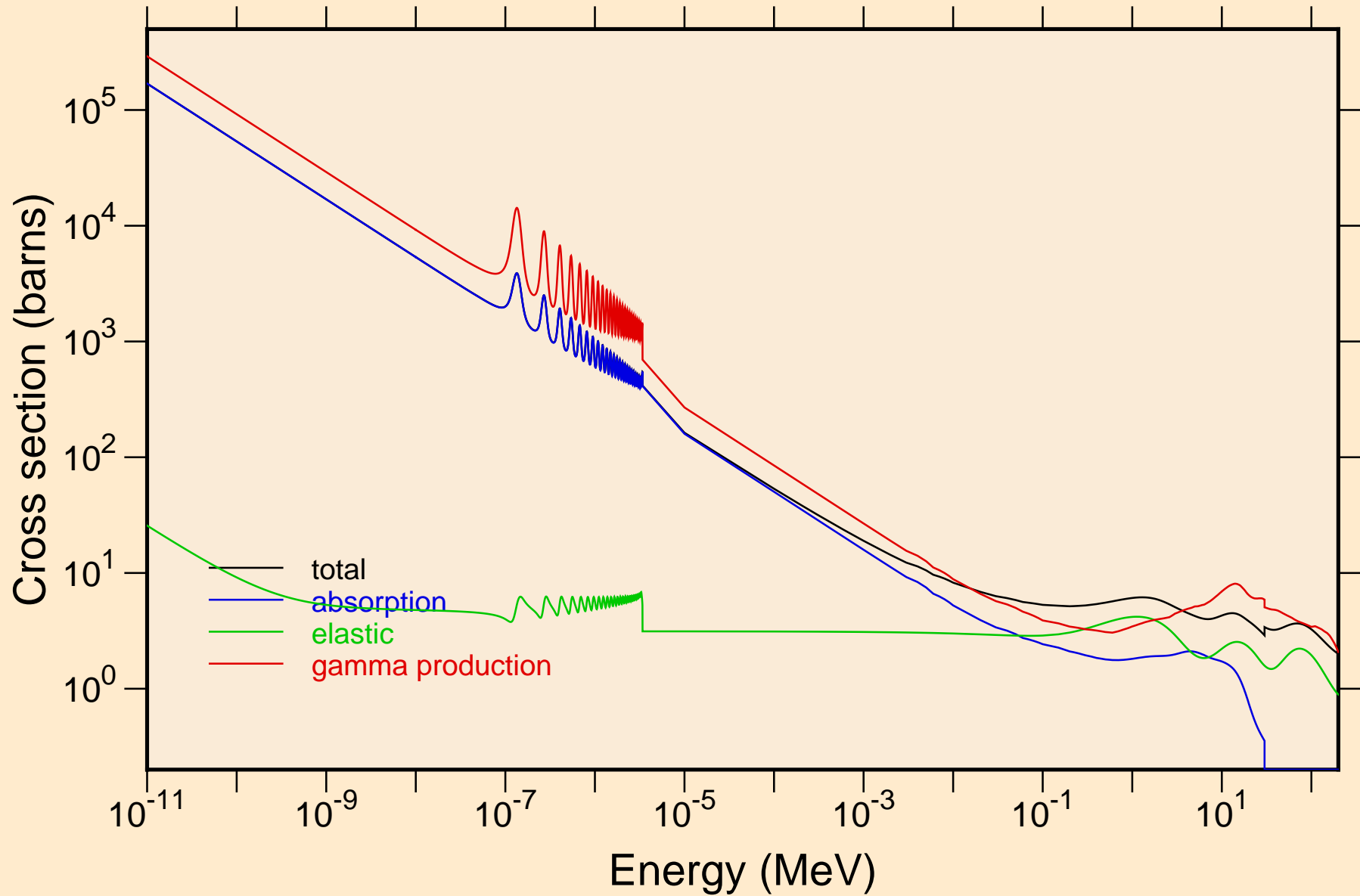


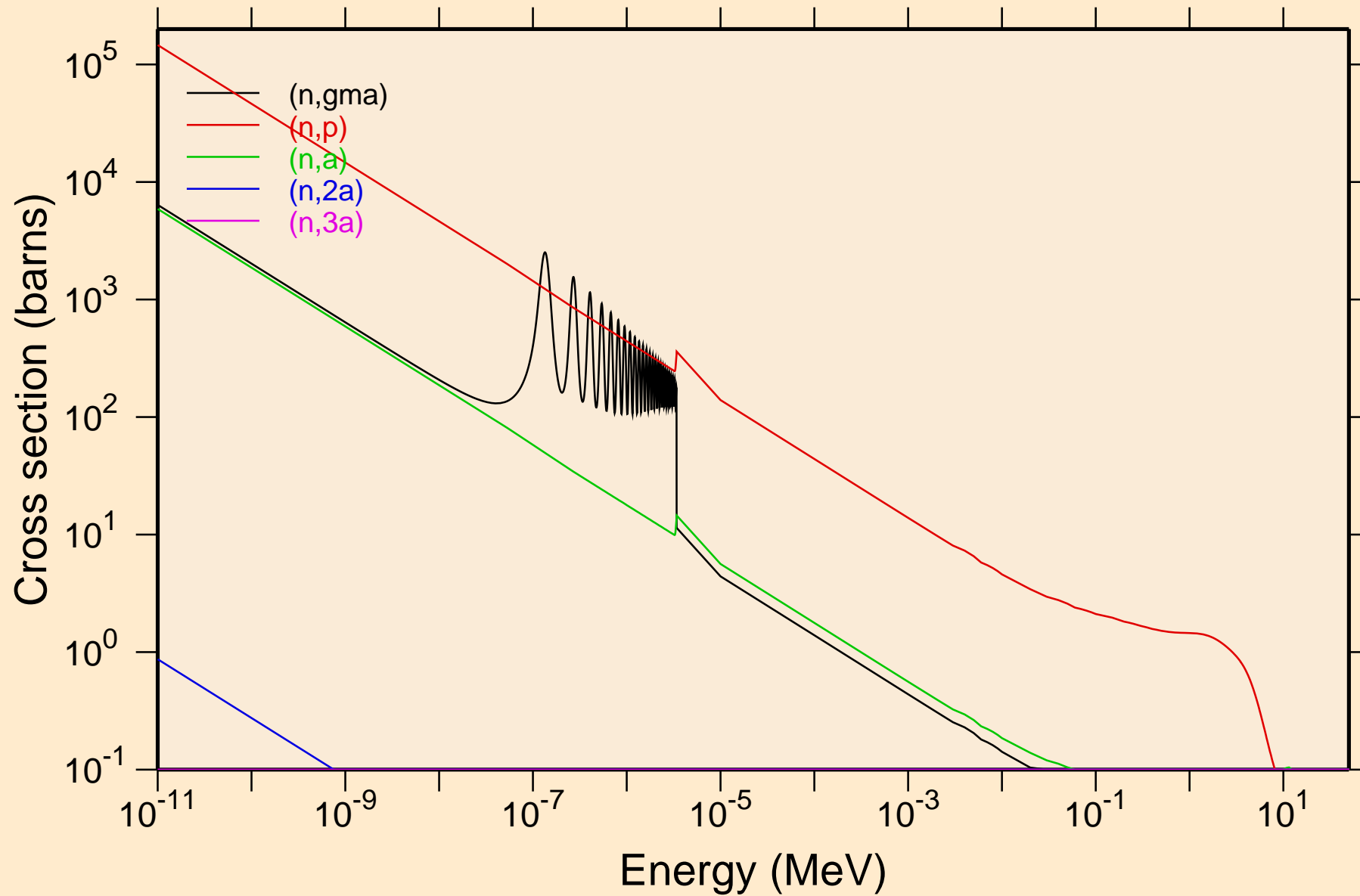
# BA119 NRG TENDL-2015, AKONING

## Principal cross sections

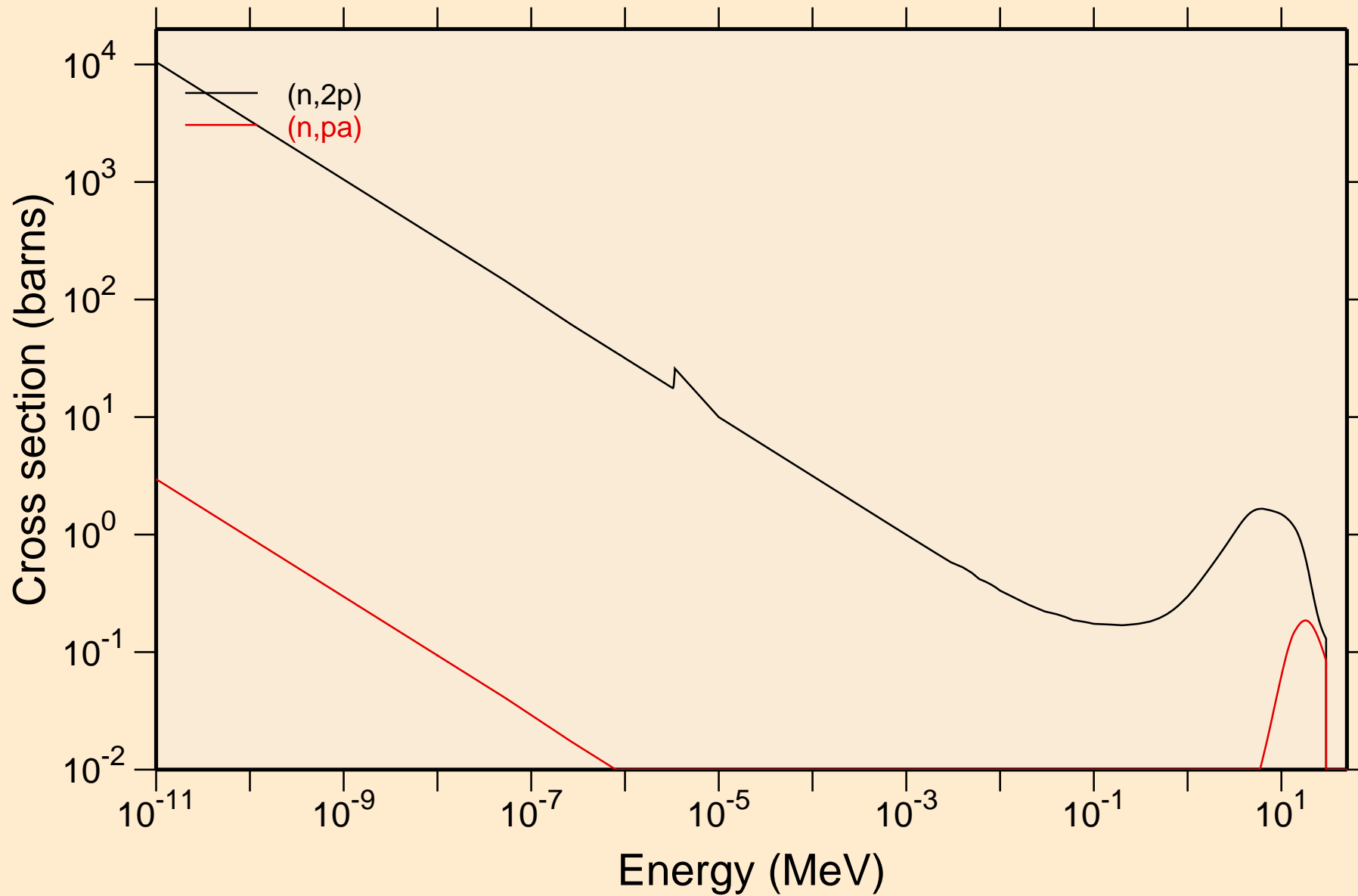


# BA119 NRG TENDL-2015, AKONING

## Non-threshold reactions

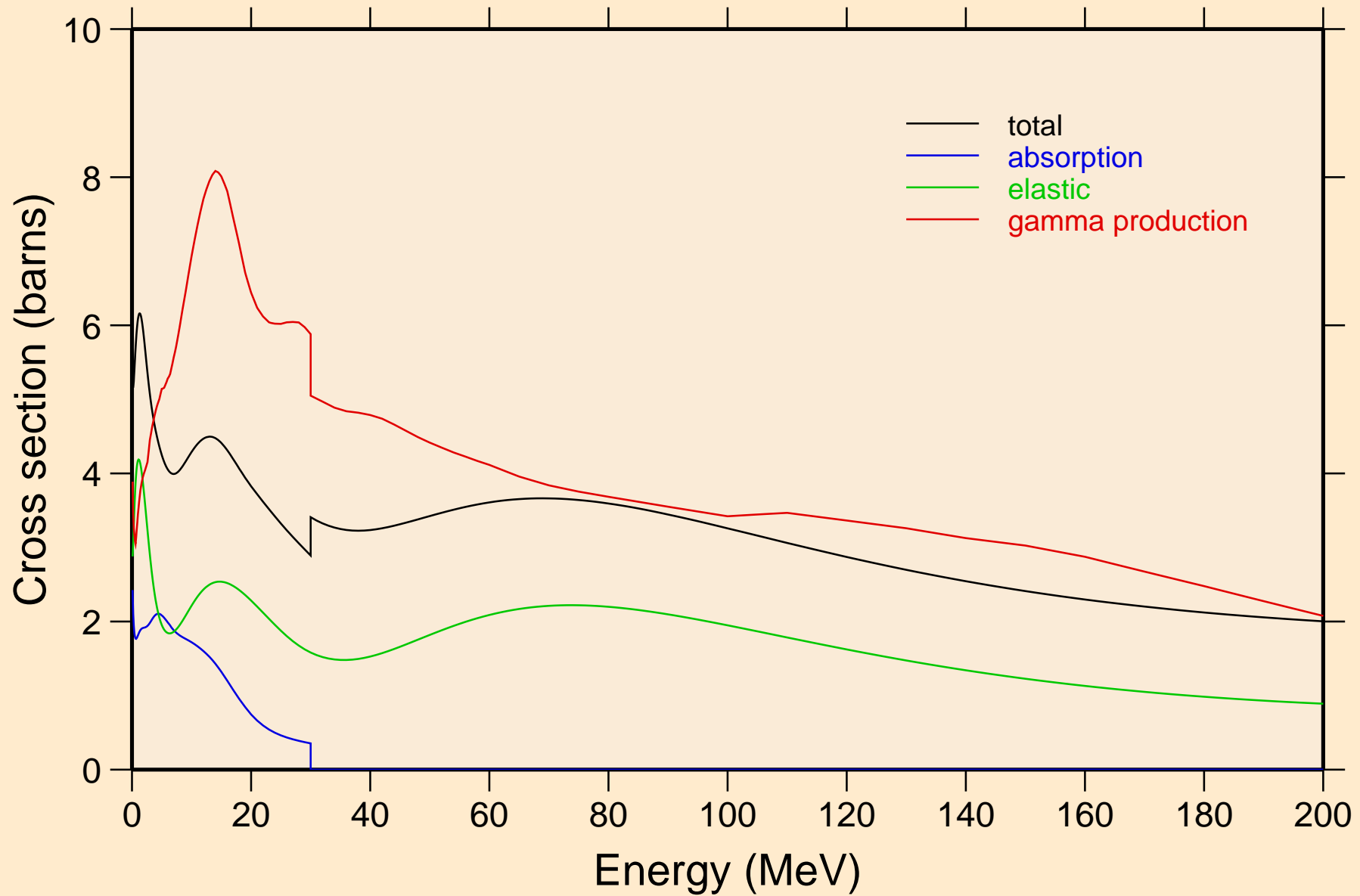


BA119 NRG TENDL-2015, AKONING  
Non-threshold reactions



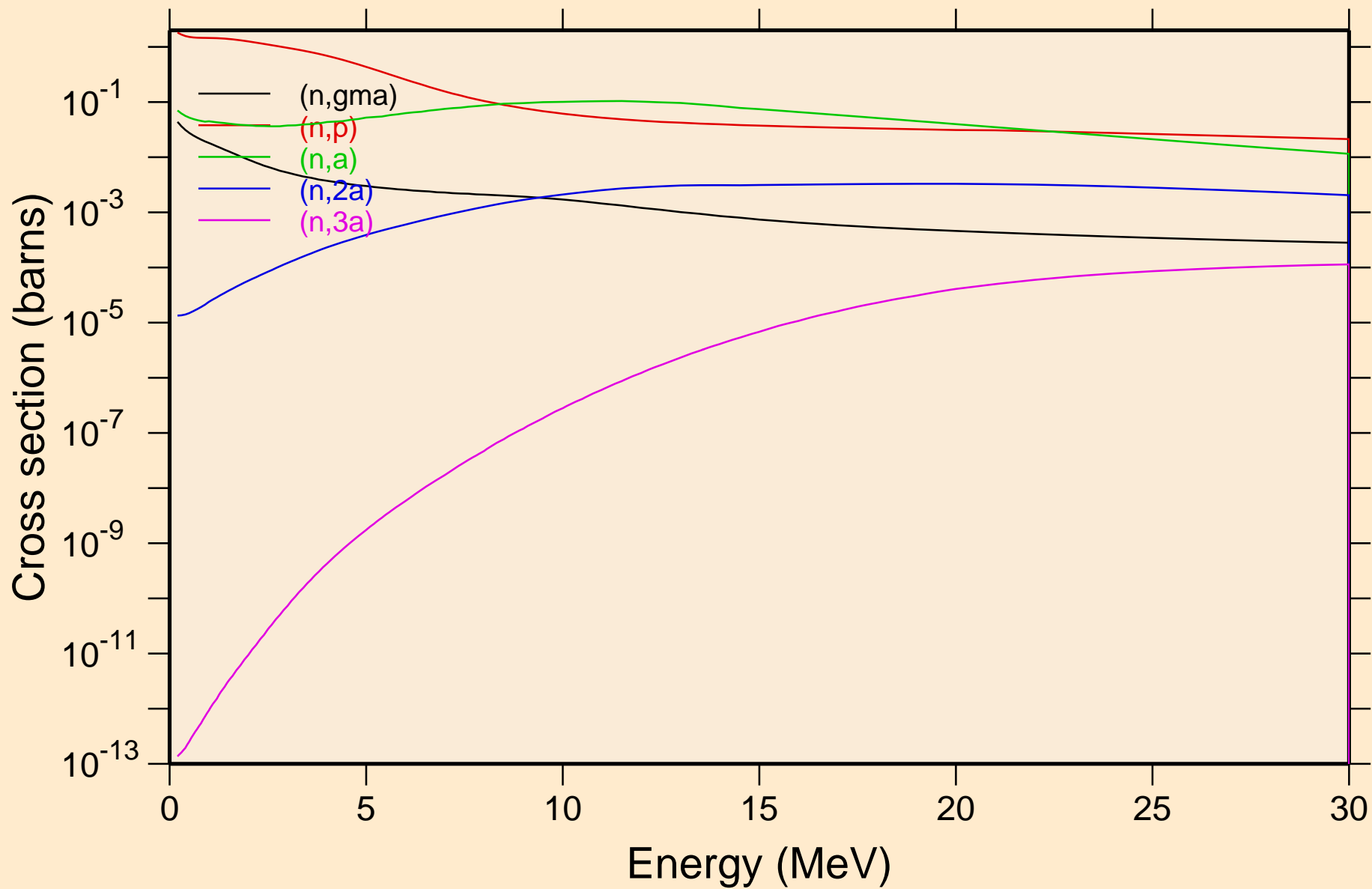
# BA119 NRG TENDL-2015, AKONING

## Principal cross sections

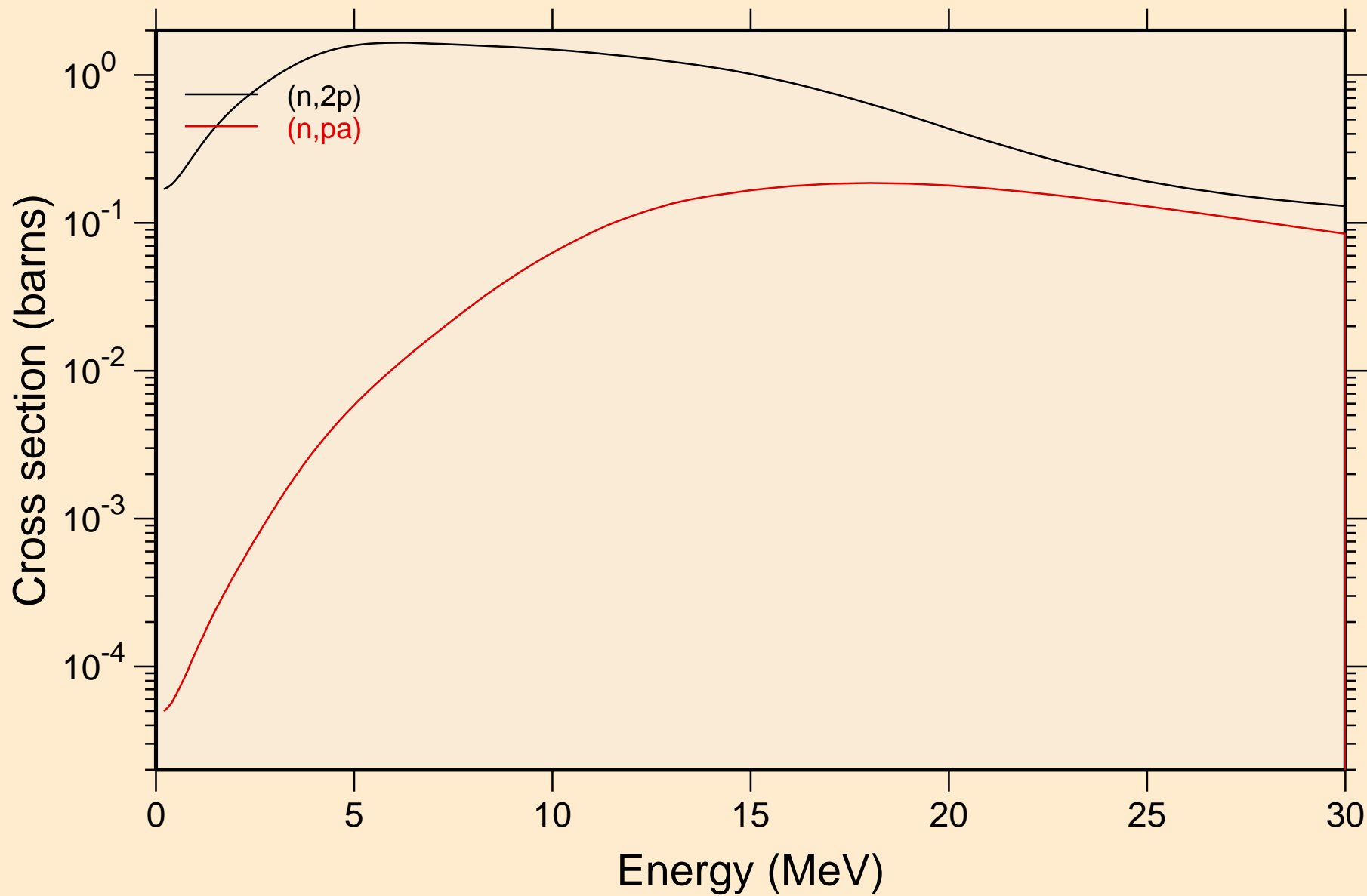


# BA119 NRG TENDL-2015, AKONING

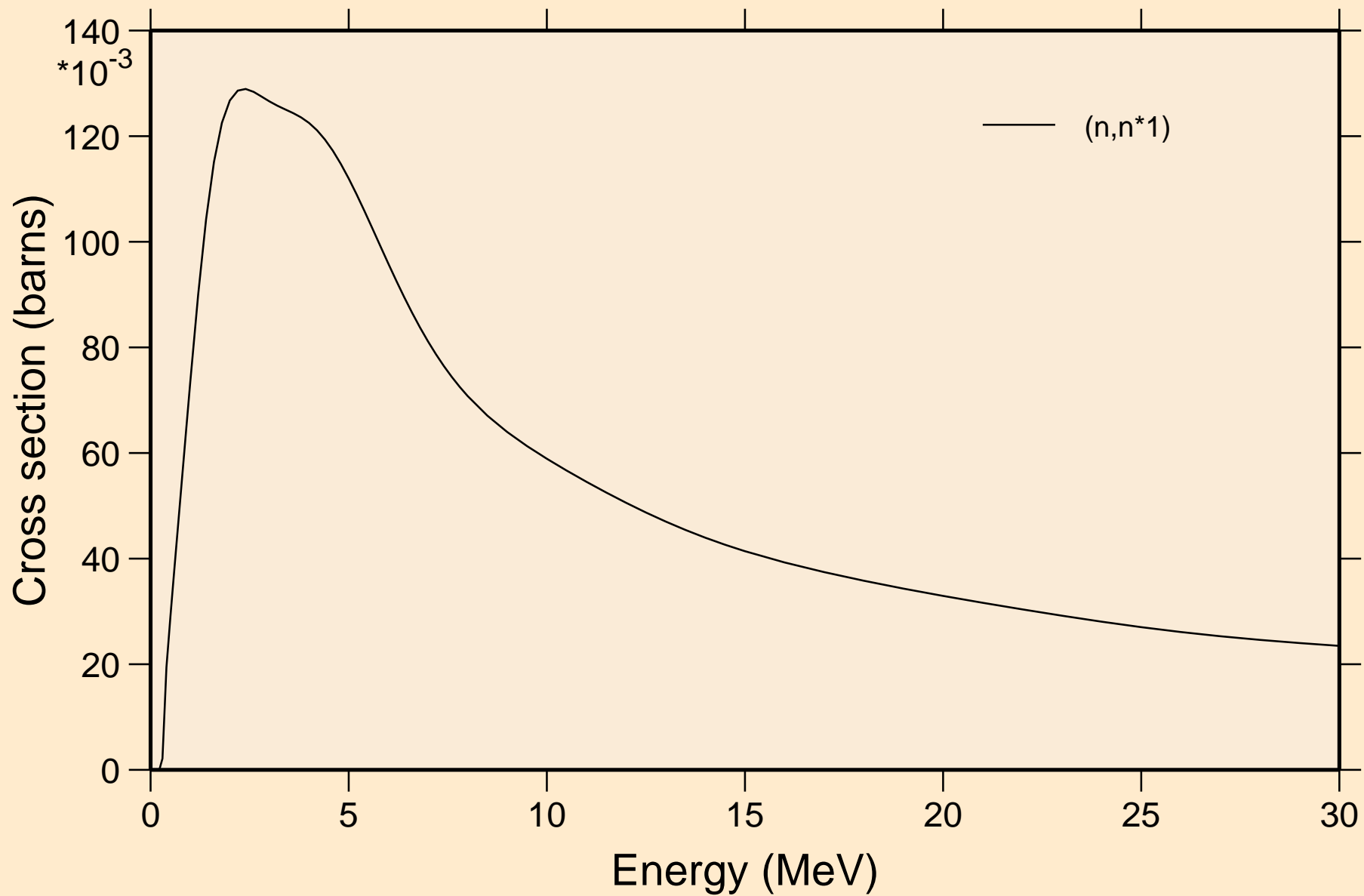
## Non-threshold reactions



BA119 NRG TENDL-2015, AKONING  
Non-threshold reactions

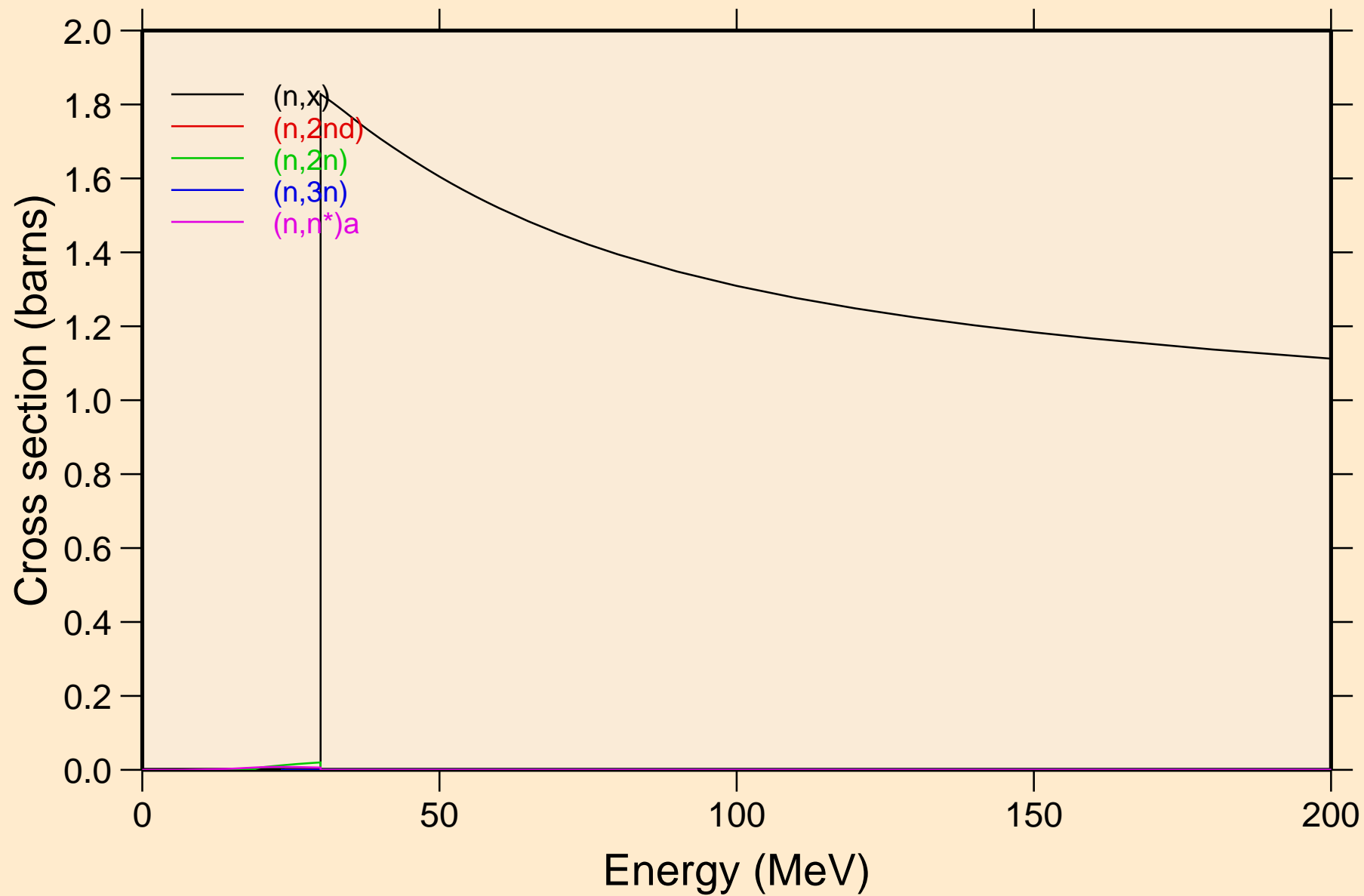


BA119 NRG TENDL-2015, AKONING  
Inelastic levels



# BA119 NRG TENDL-2015, AKONING

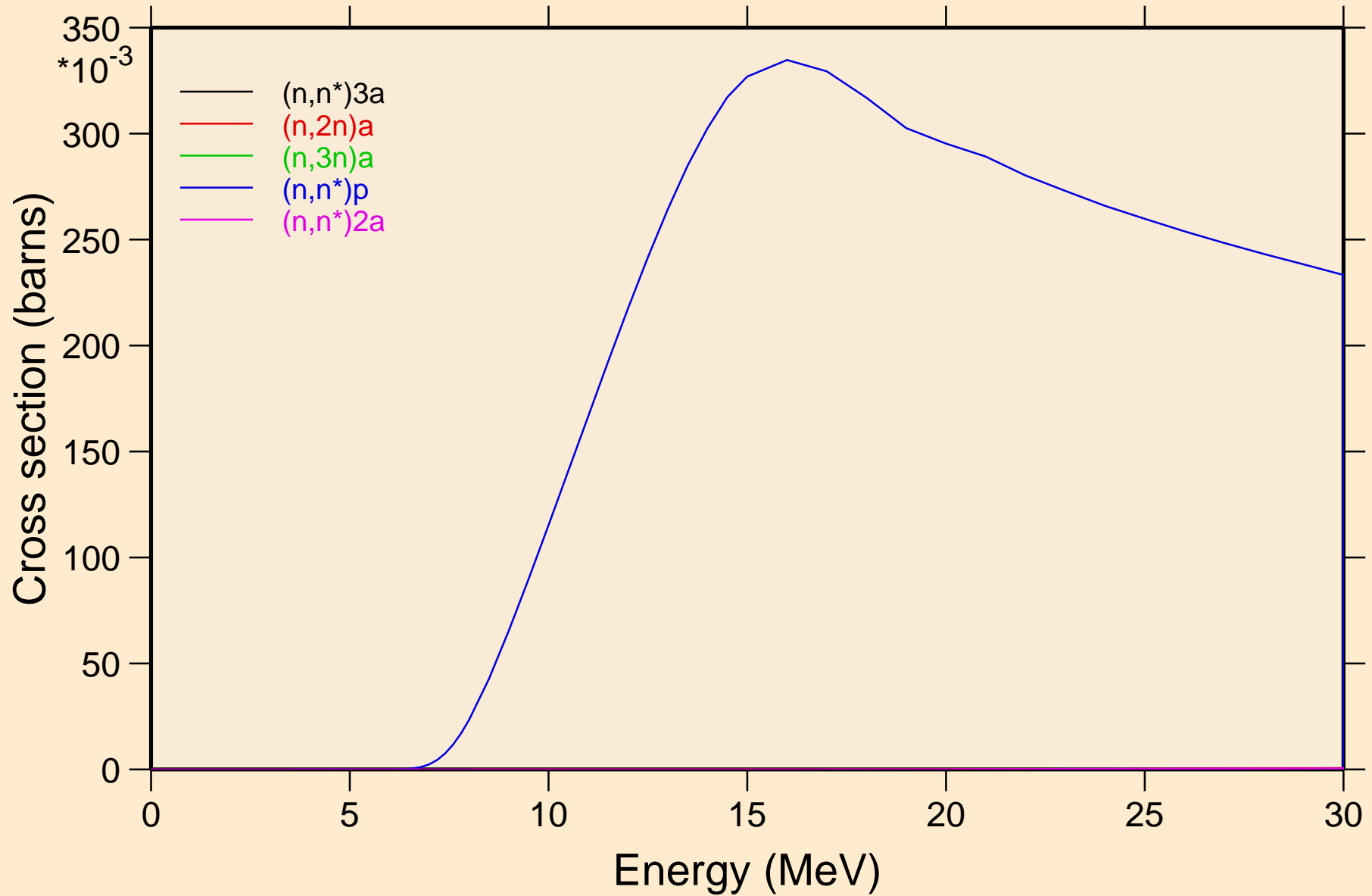
## Threshold reactions





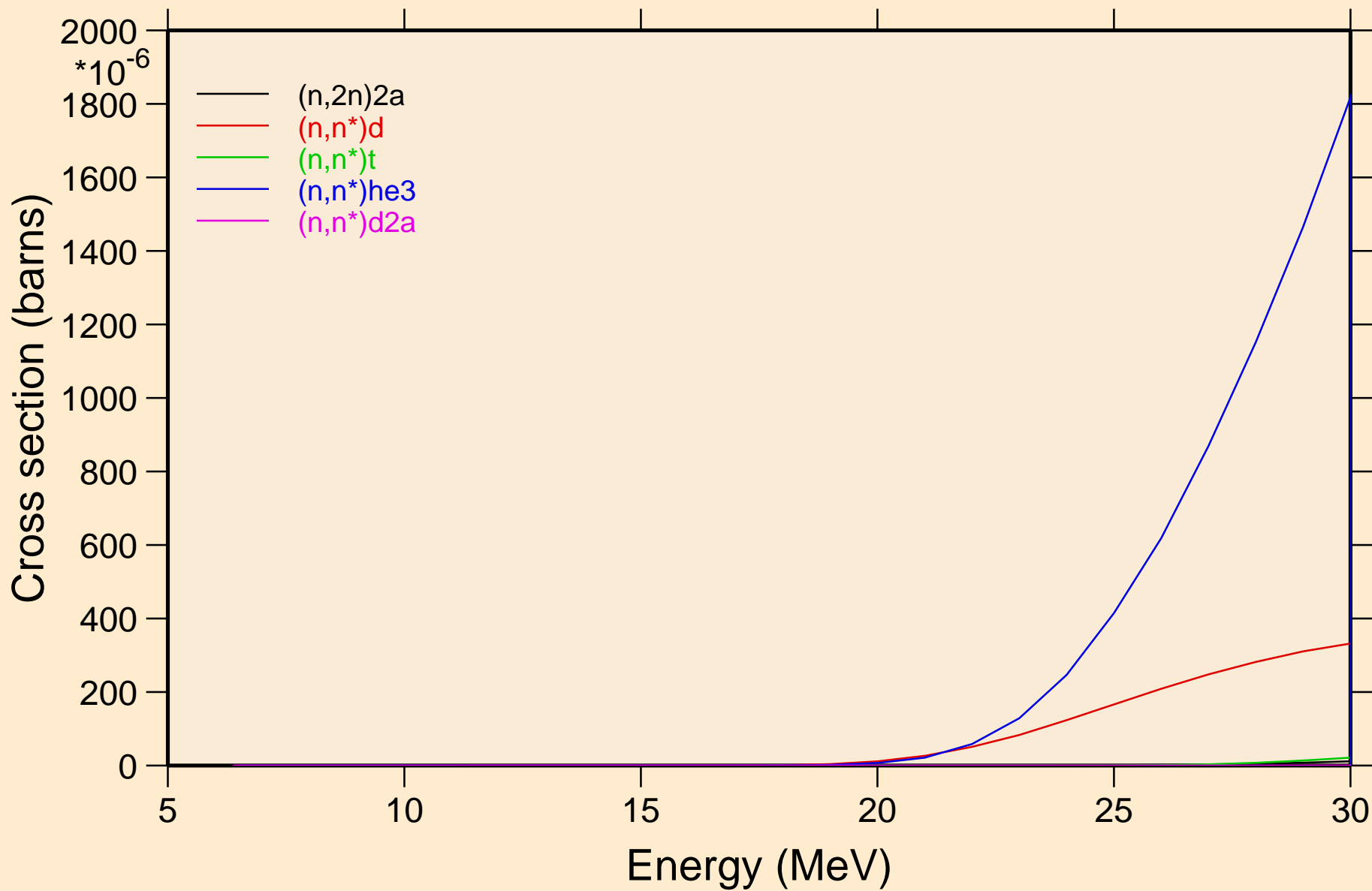
# BA119 NRG TENDL-2015, AKONING

## Threshold reactions



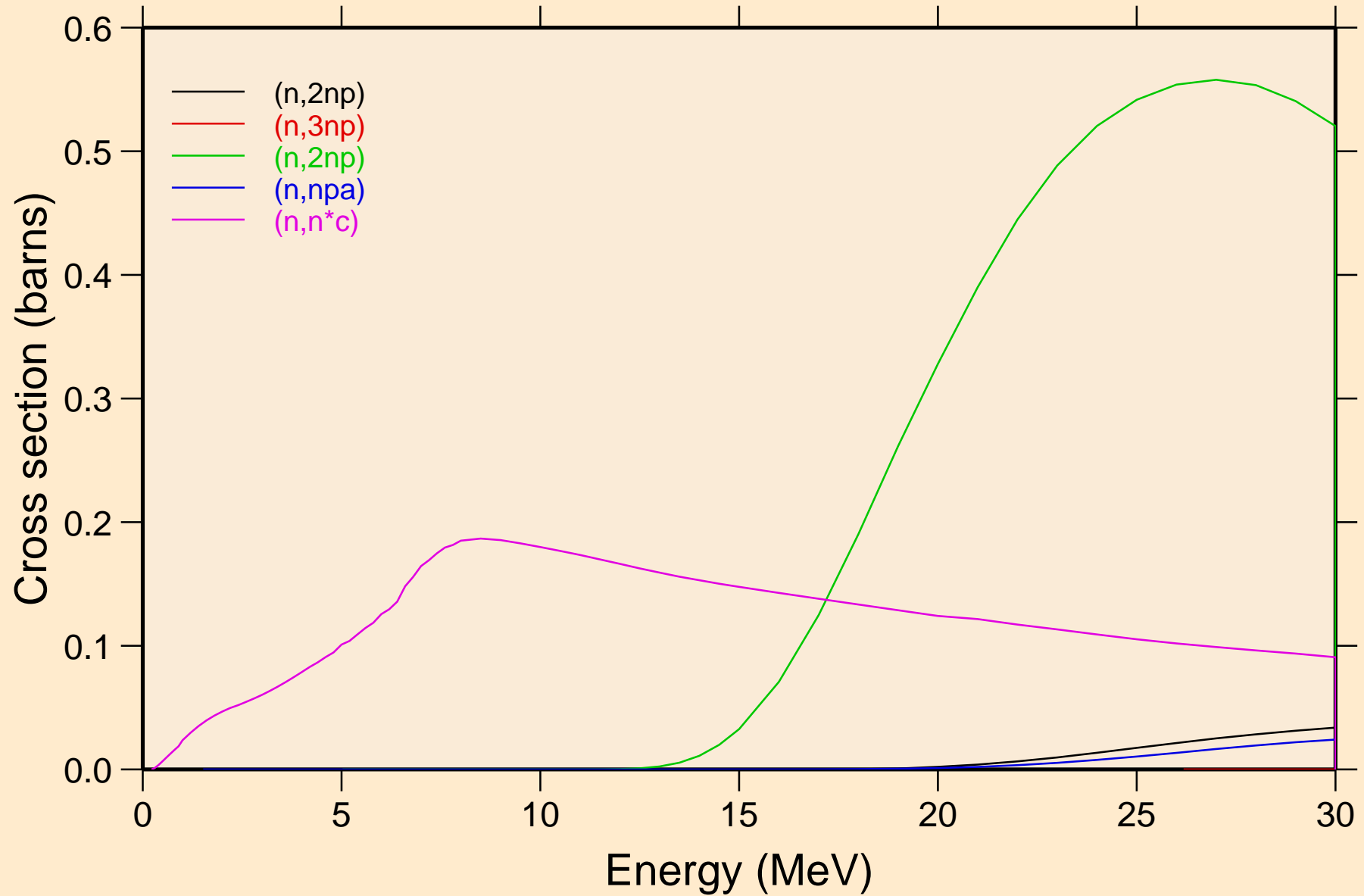
# BA119 NRG TENDL-2015, AKONING

## Threshold reactions



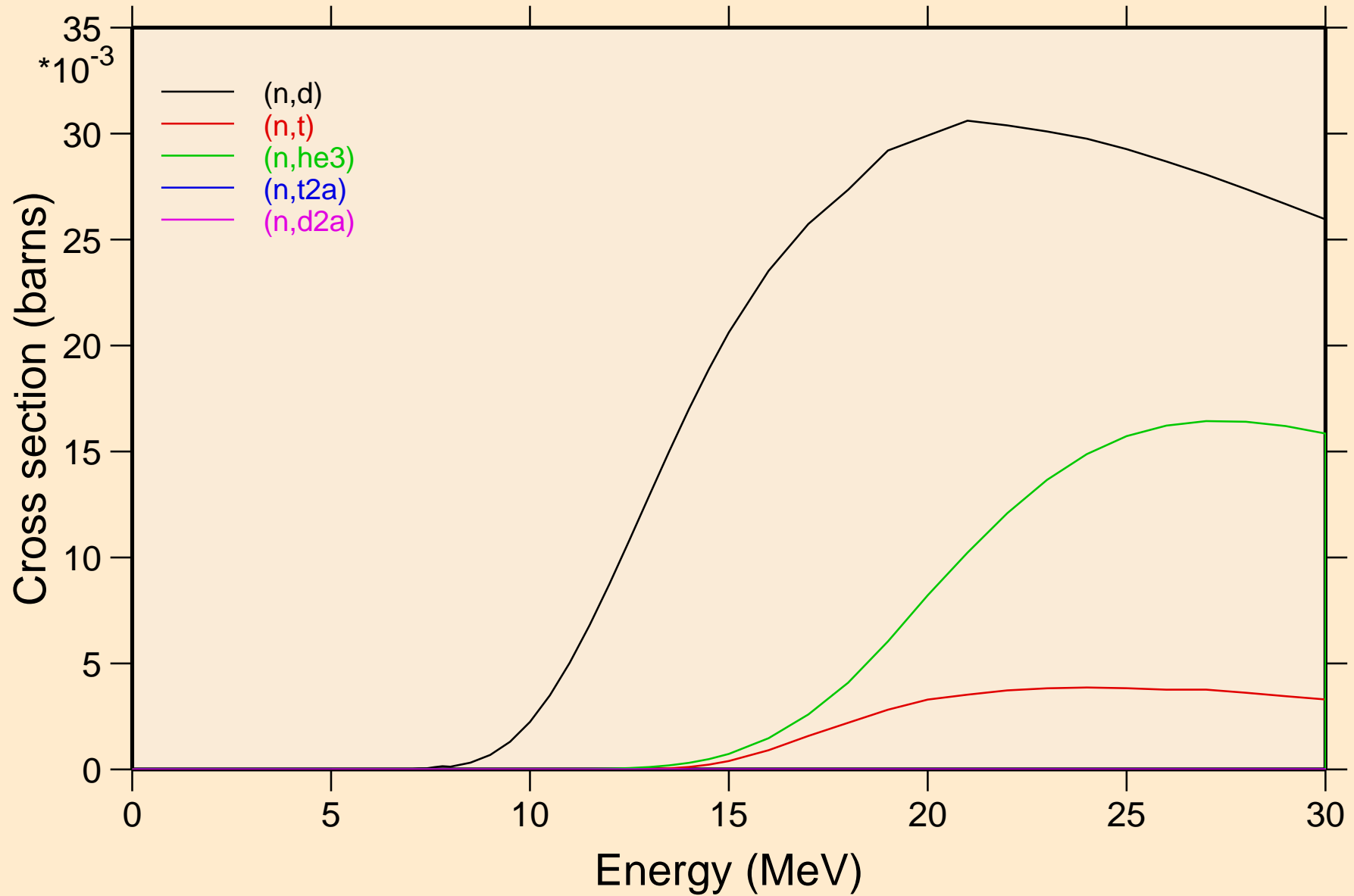
# BA119 NRG TENDL-2015, AKONING

## Threshold reactions



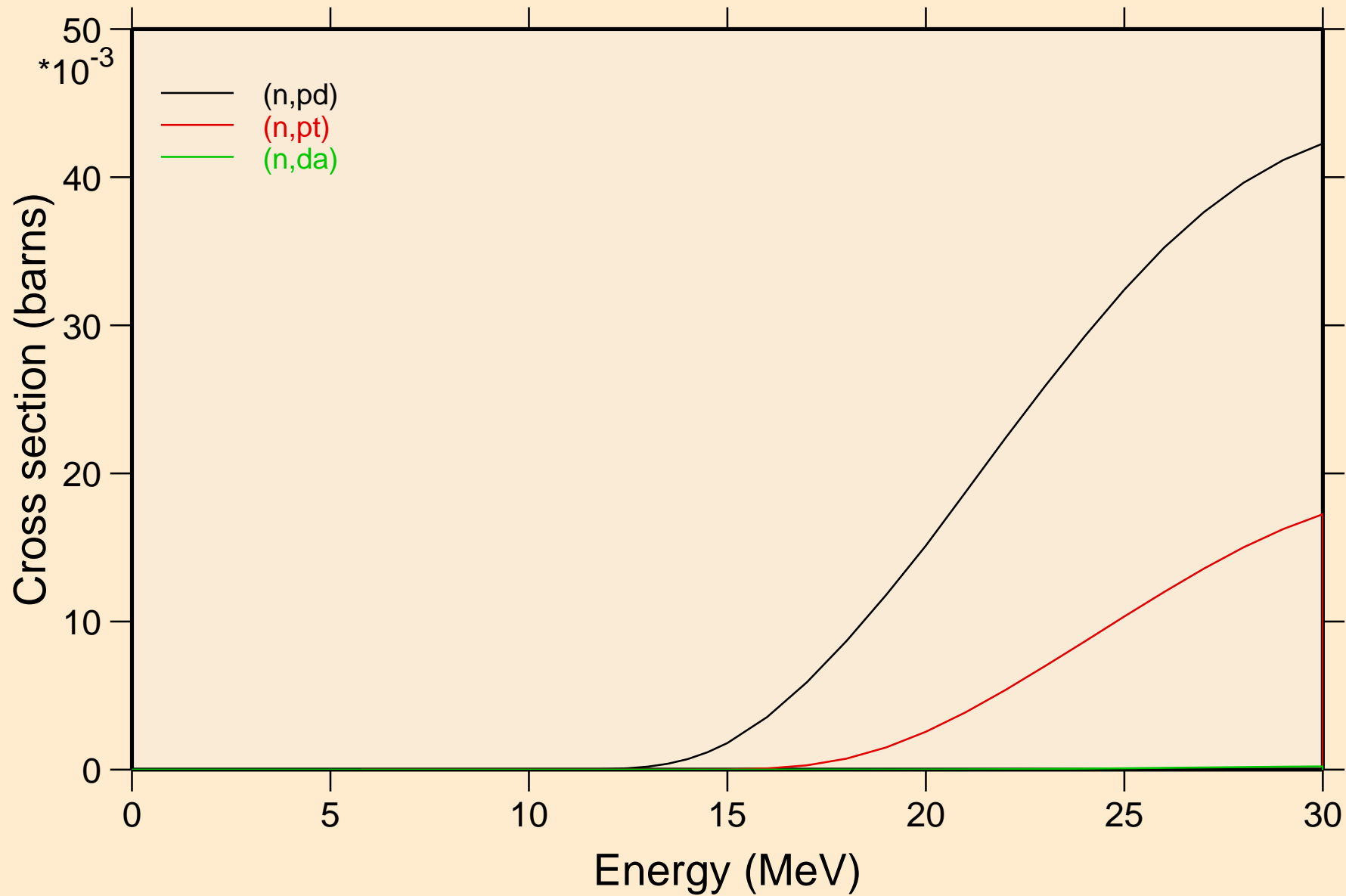
# BA119 NRG TENDL-2015, AKONING

## Threshold reactions

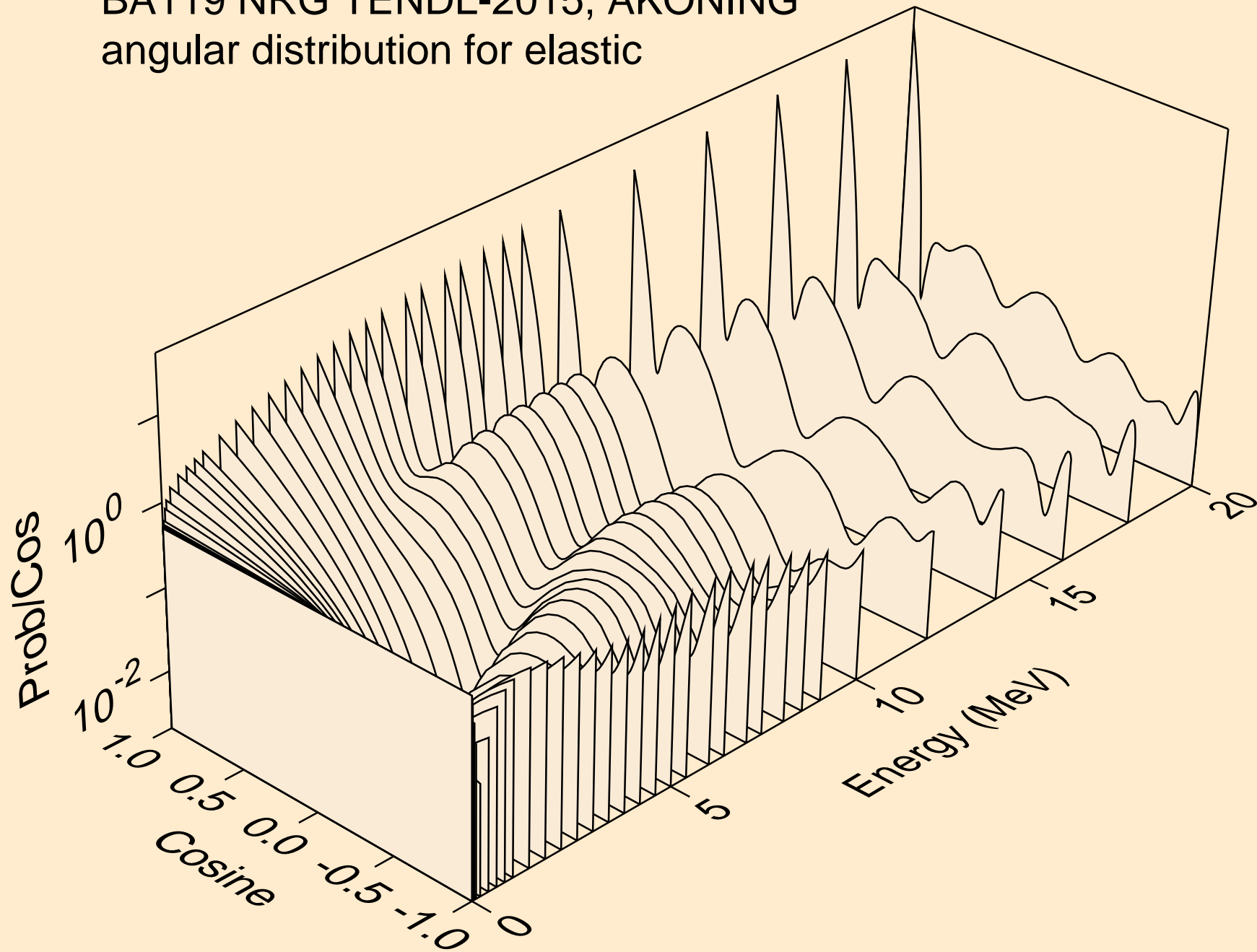


# BA119 NRG TENDL-2015, AKONING

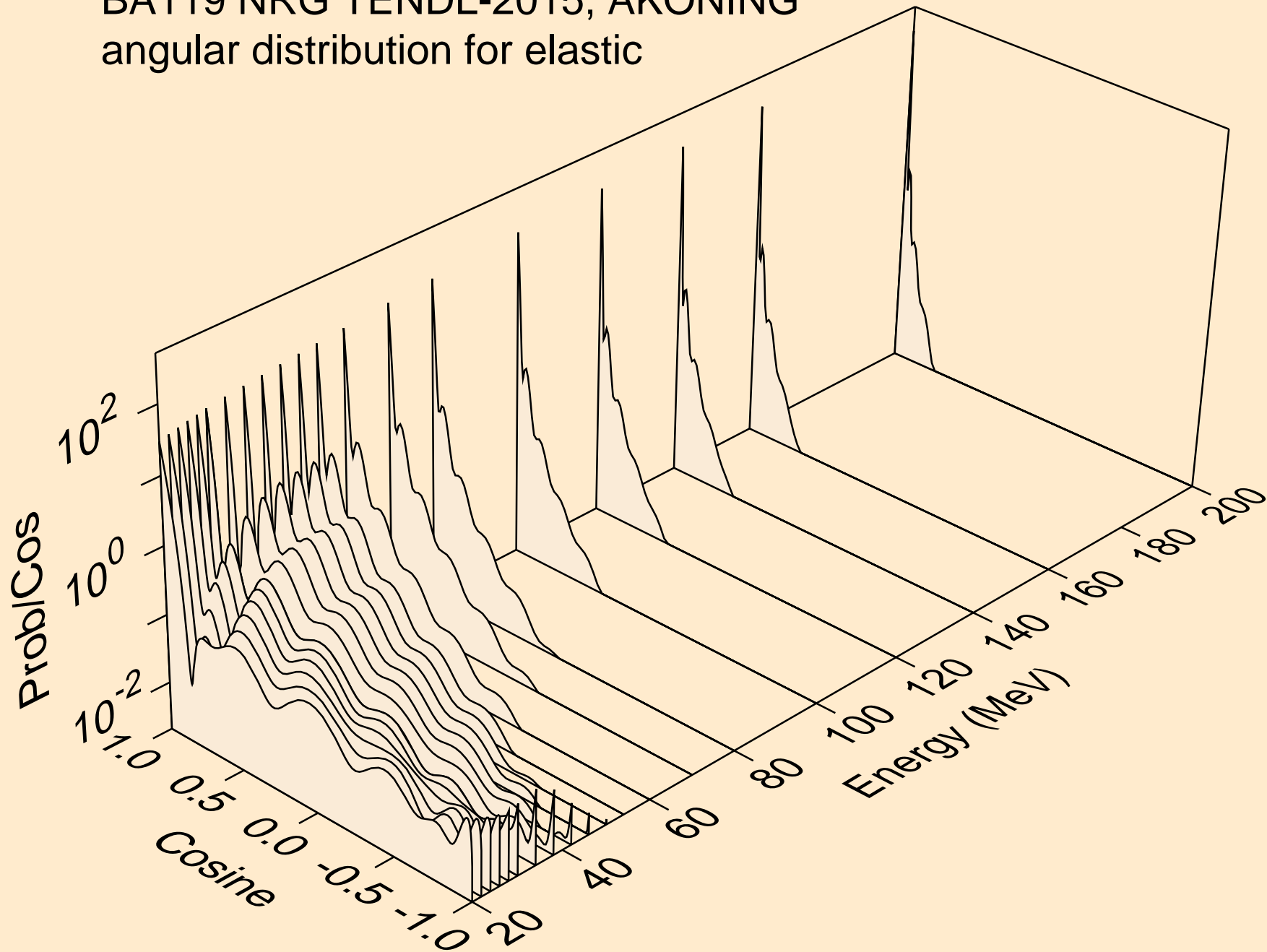
## Threshold reactions



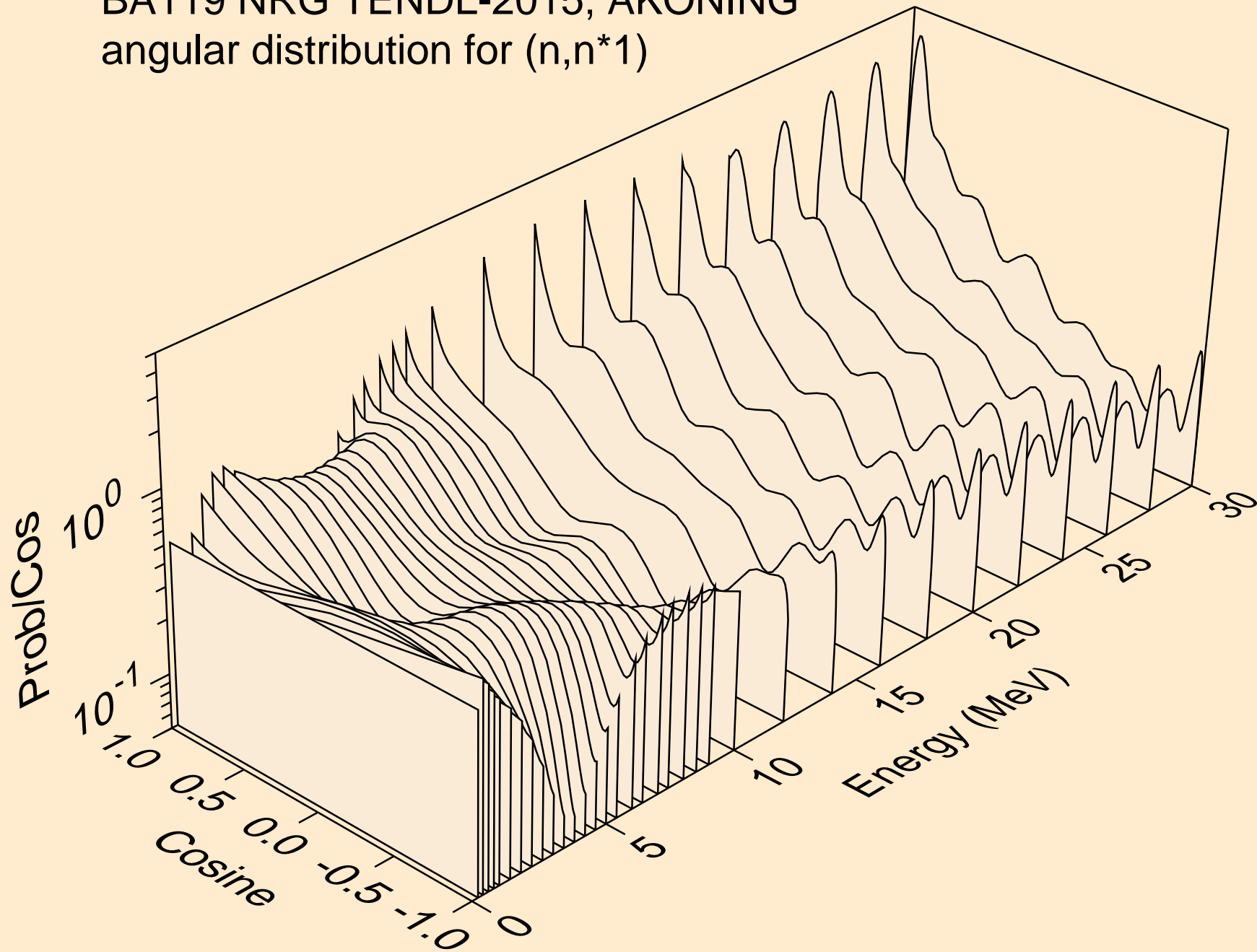
BA119 NRG TENDL-2015, AKONING  
angular distribution for elastic



BA119 NRG TENDL-2015, AKONING  
angular distribution for elastic

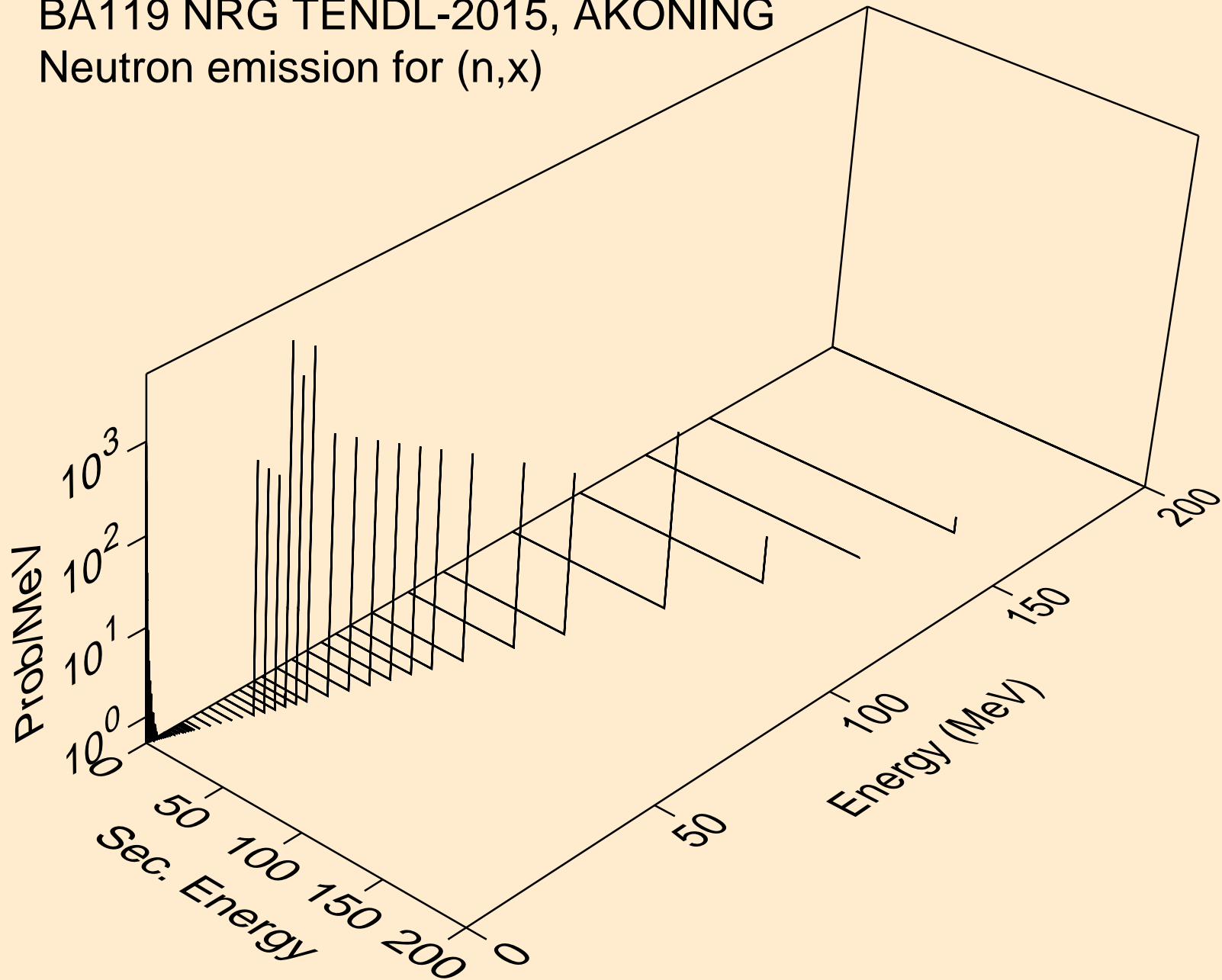


BA119 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

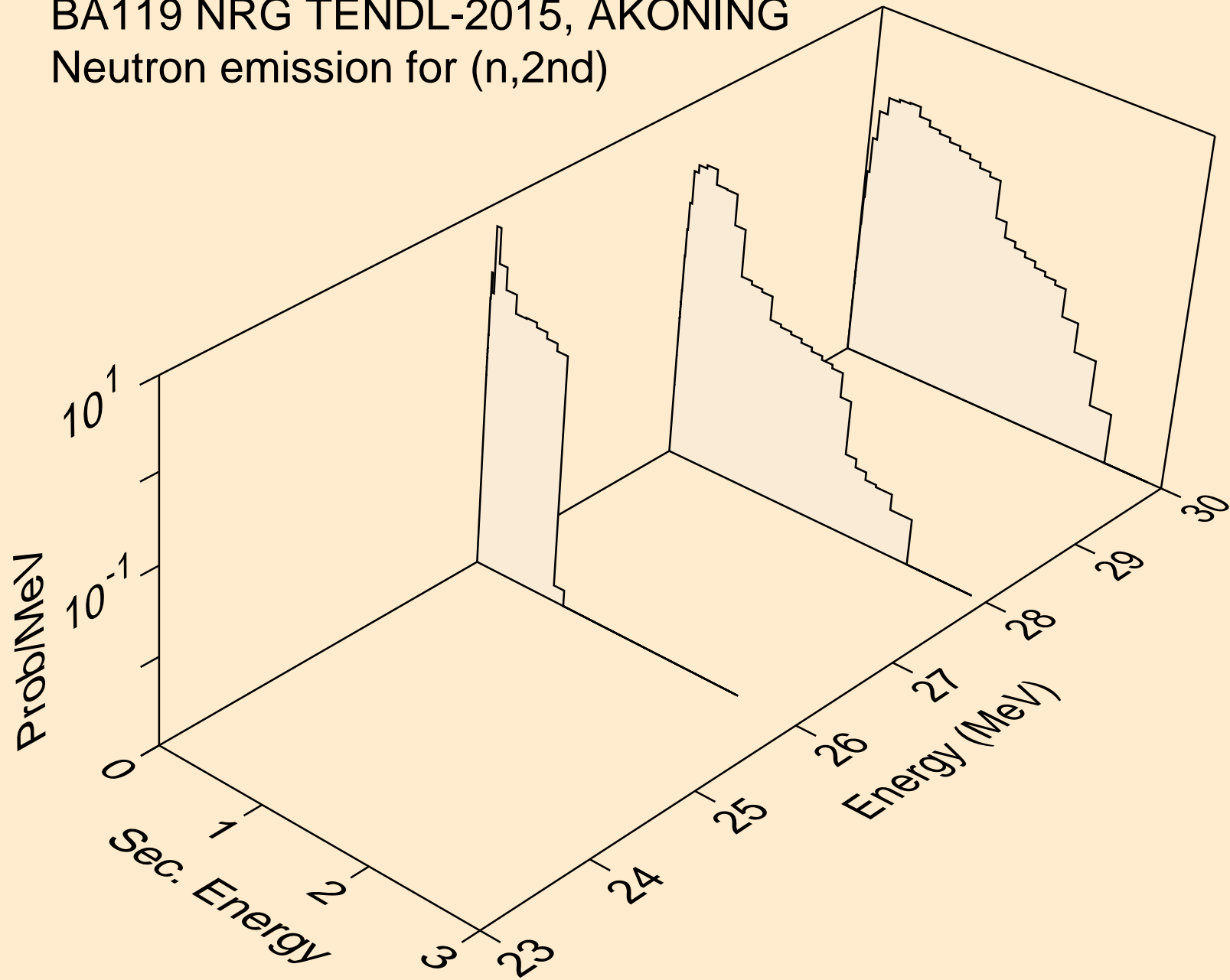




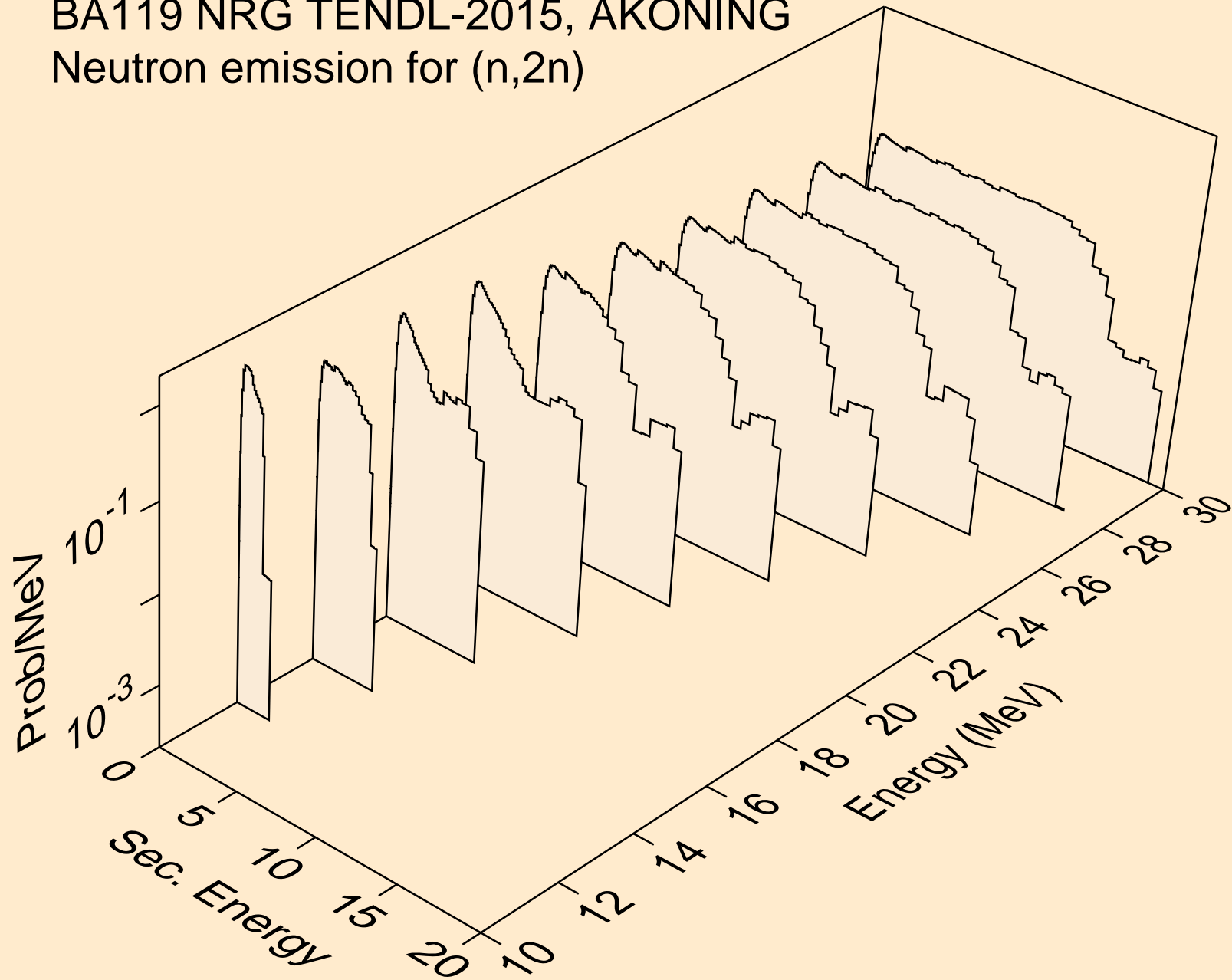
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



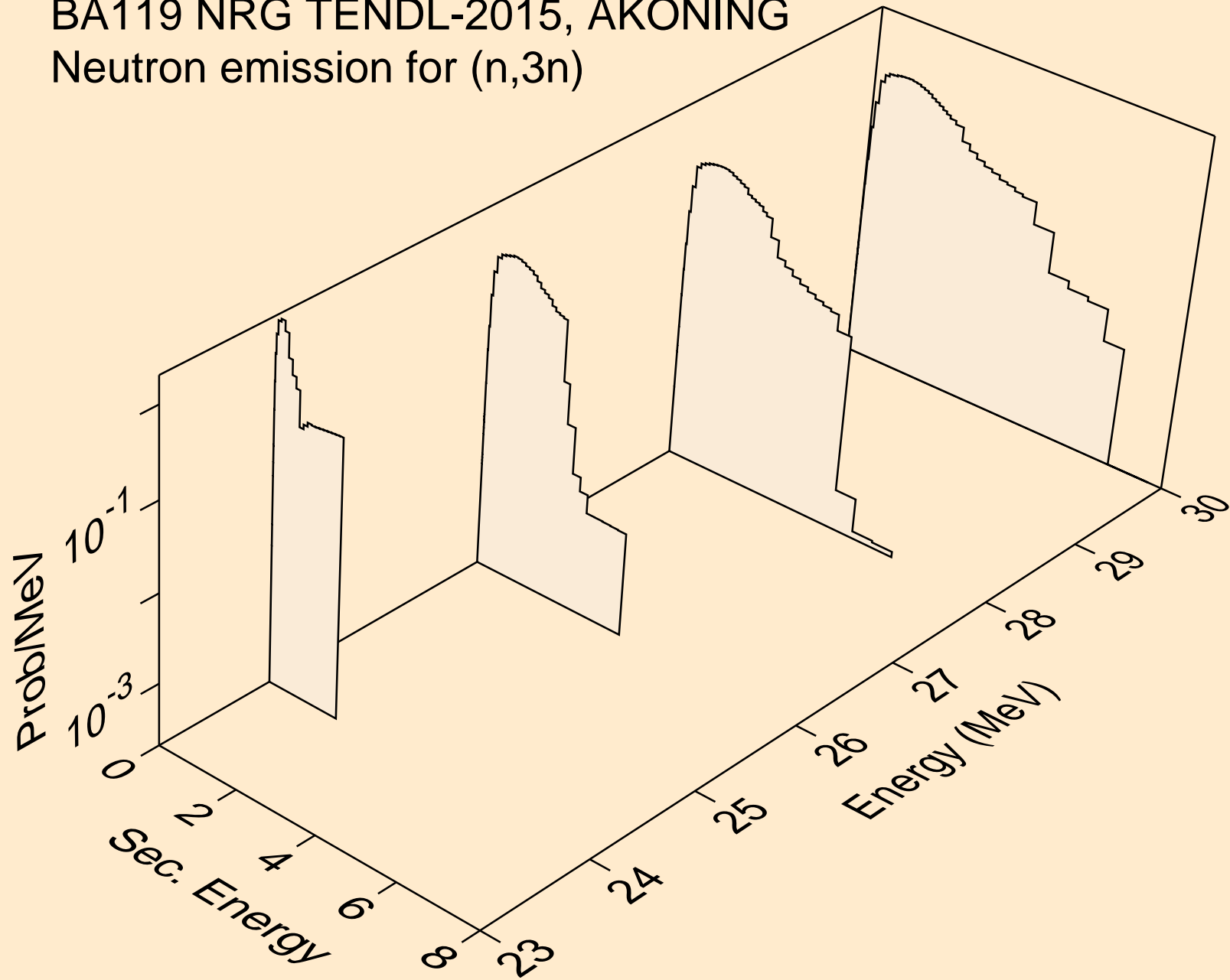
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



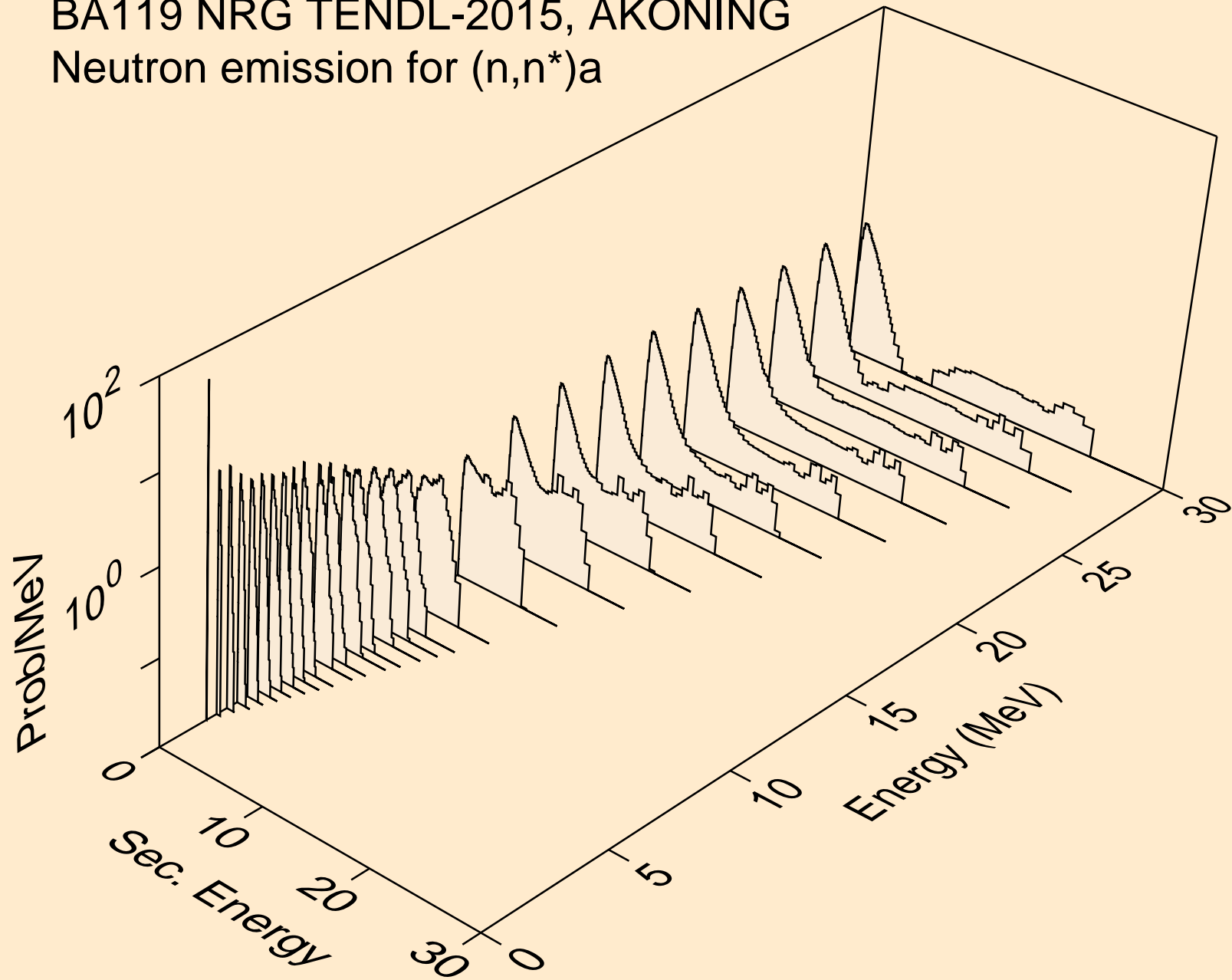
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



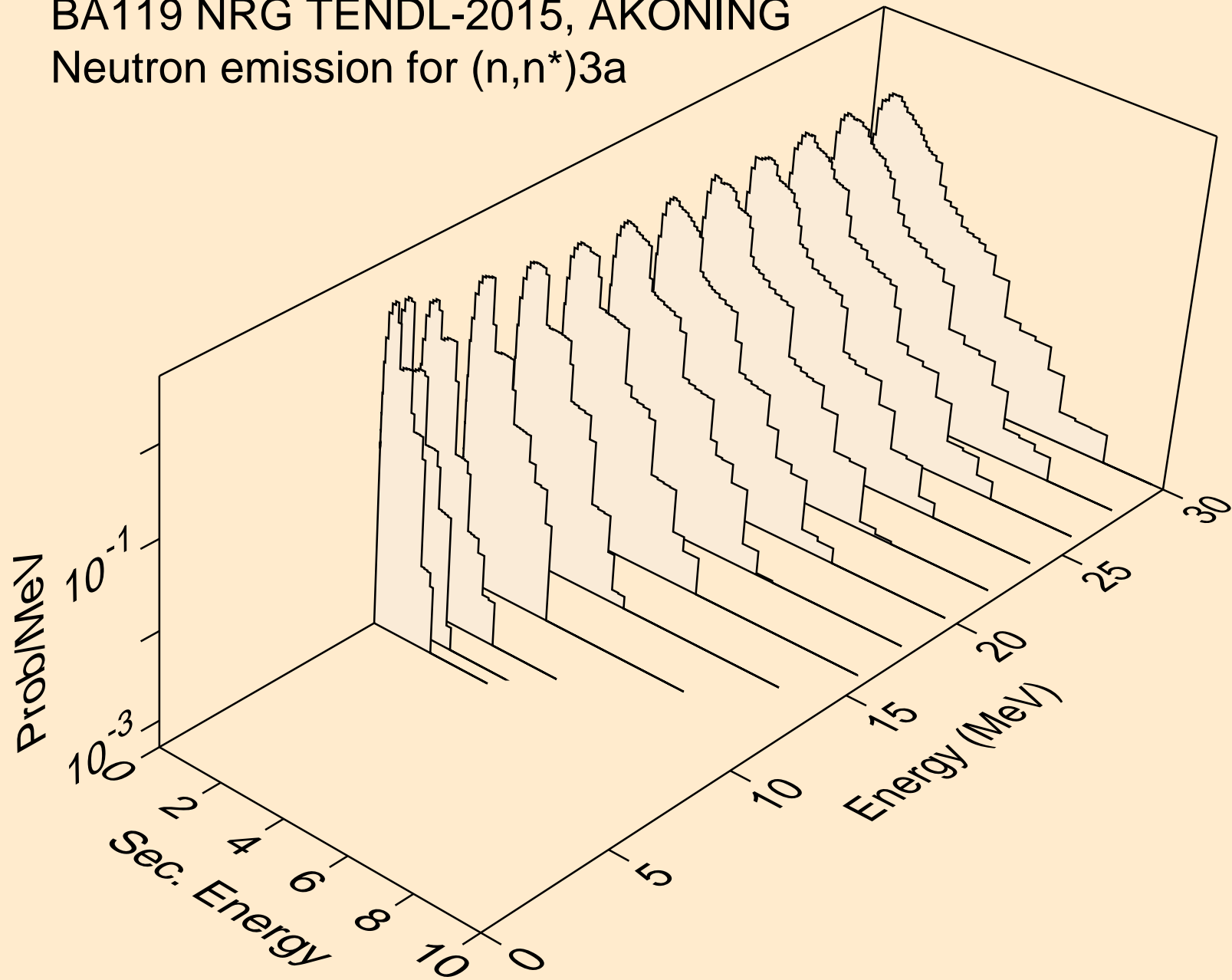
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



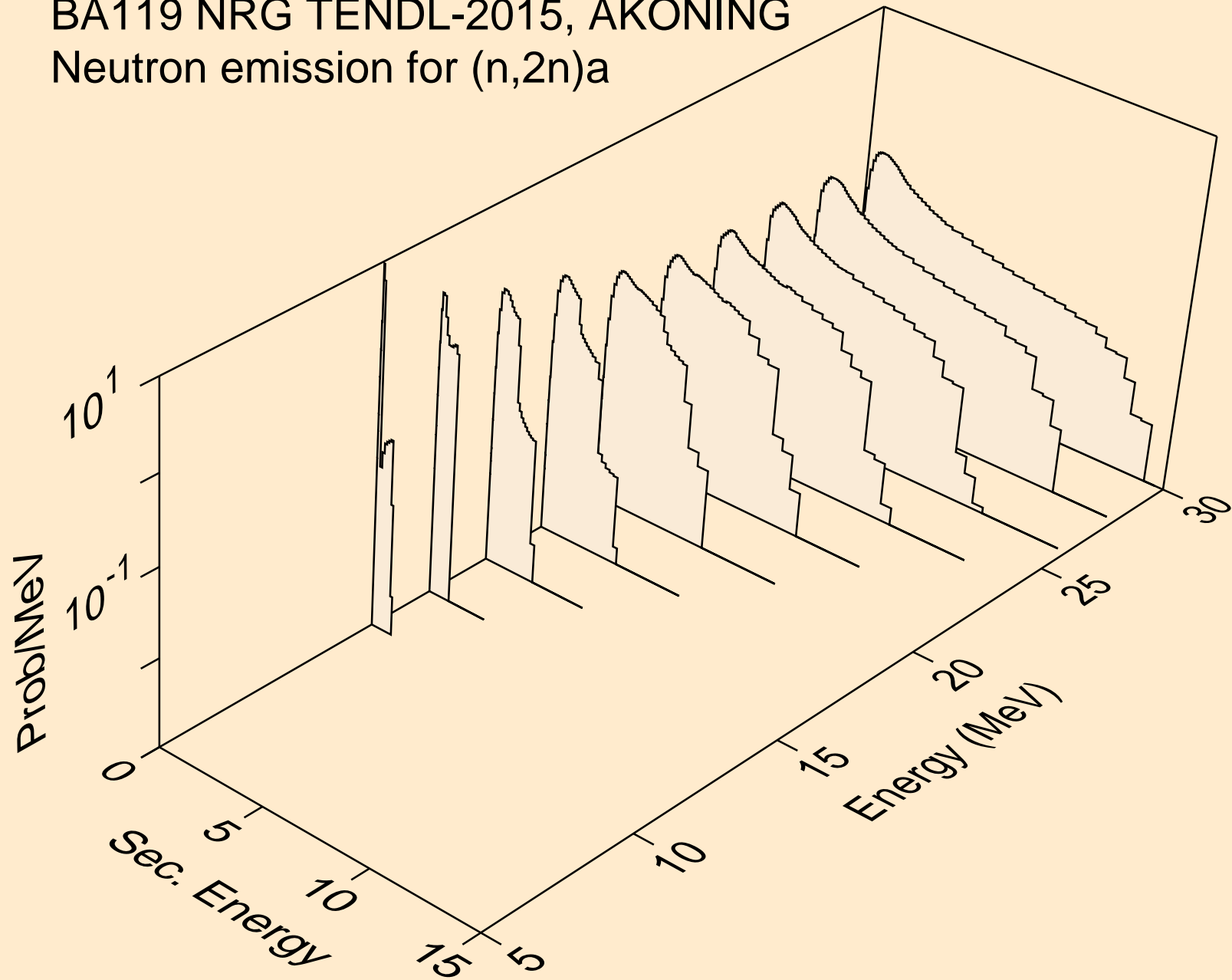
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



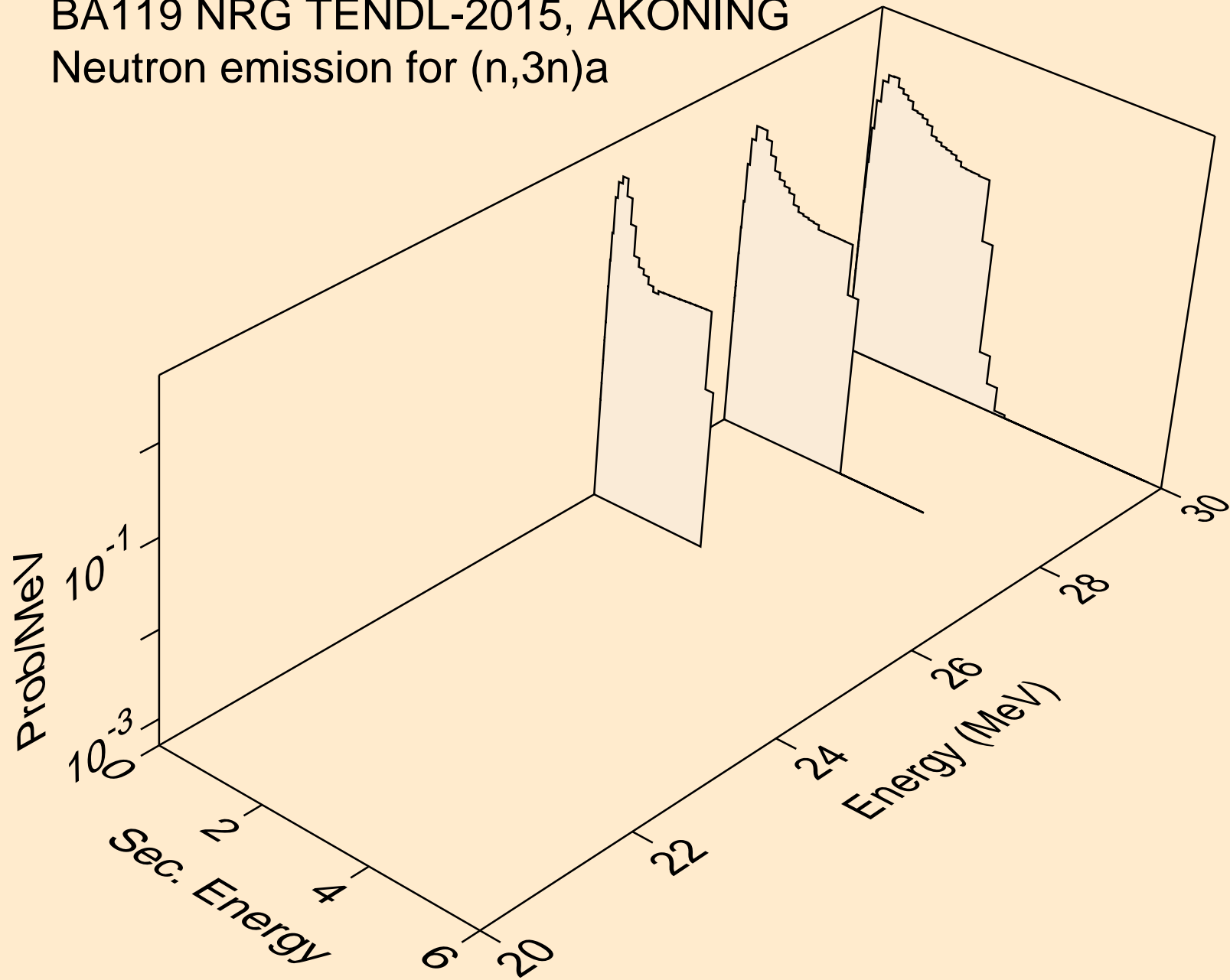
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

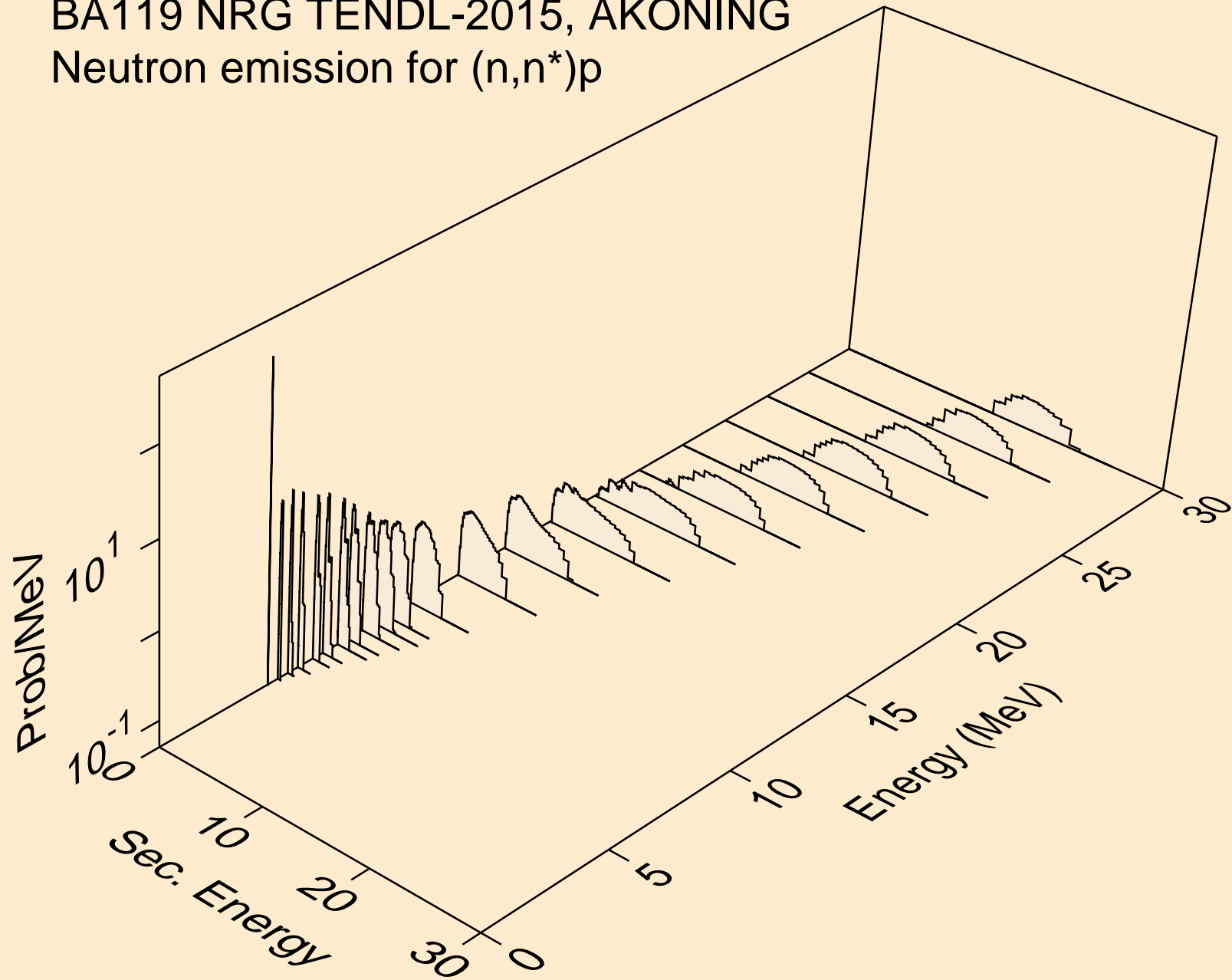


BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

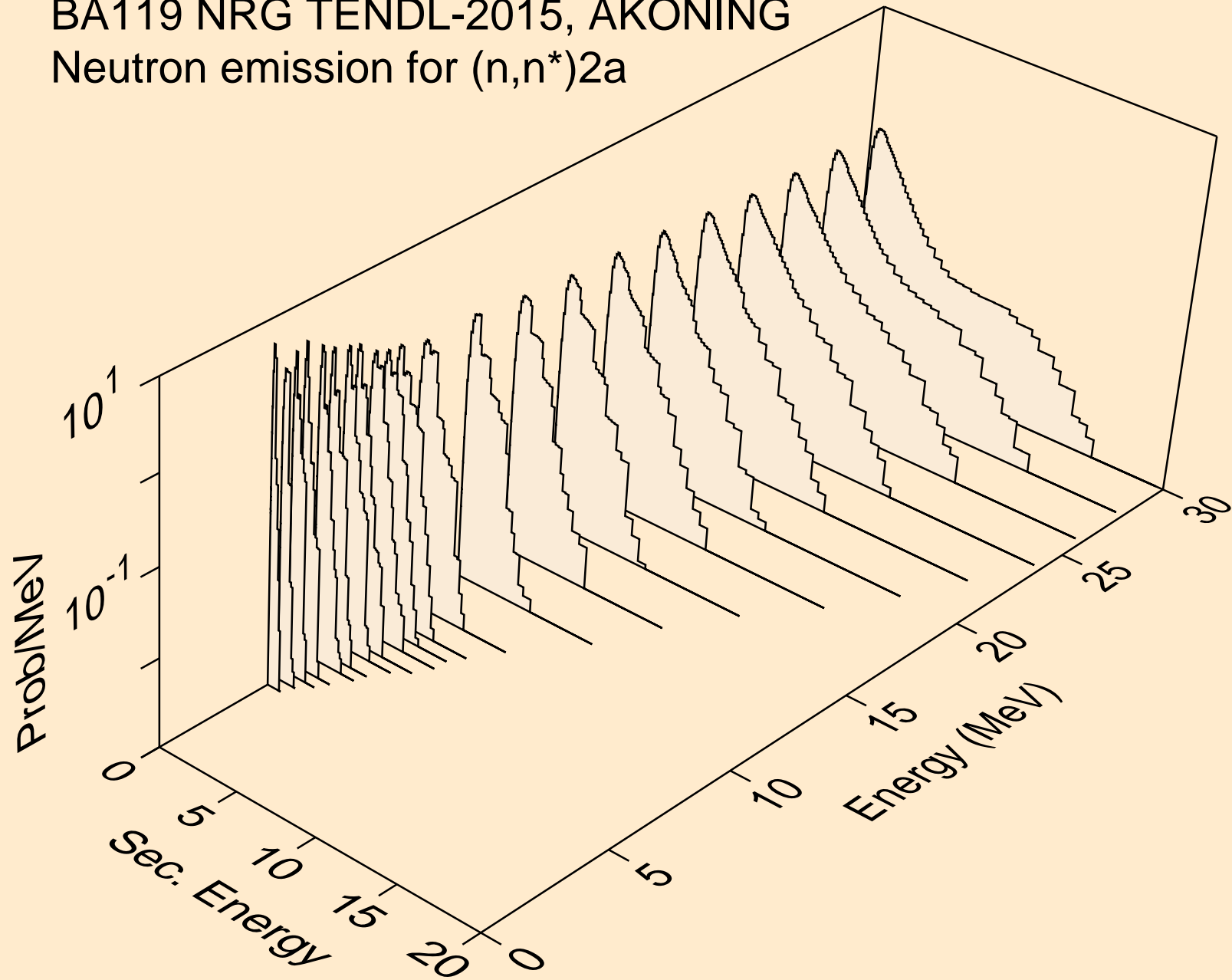




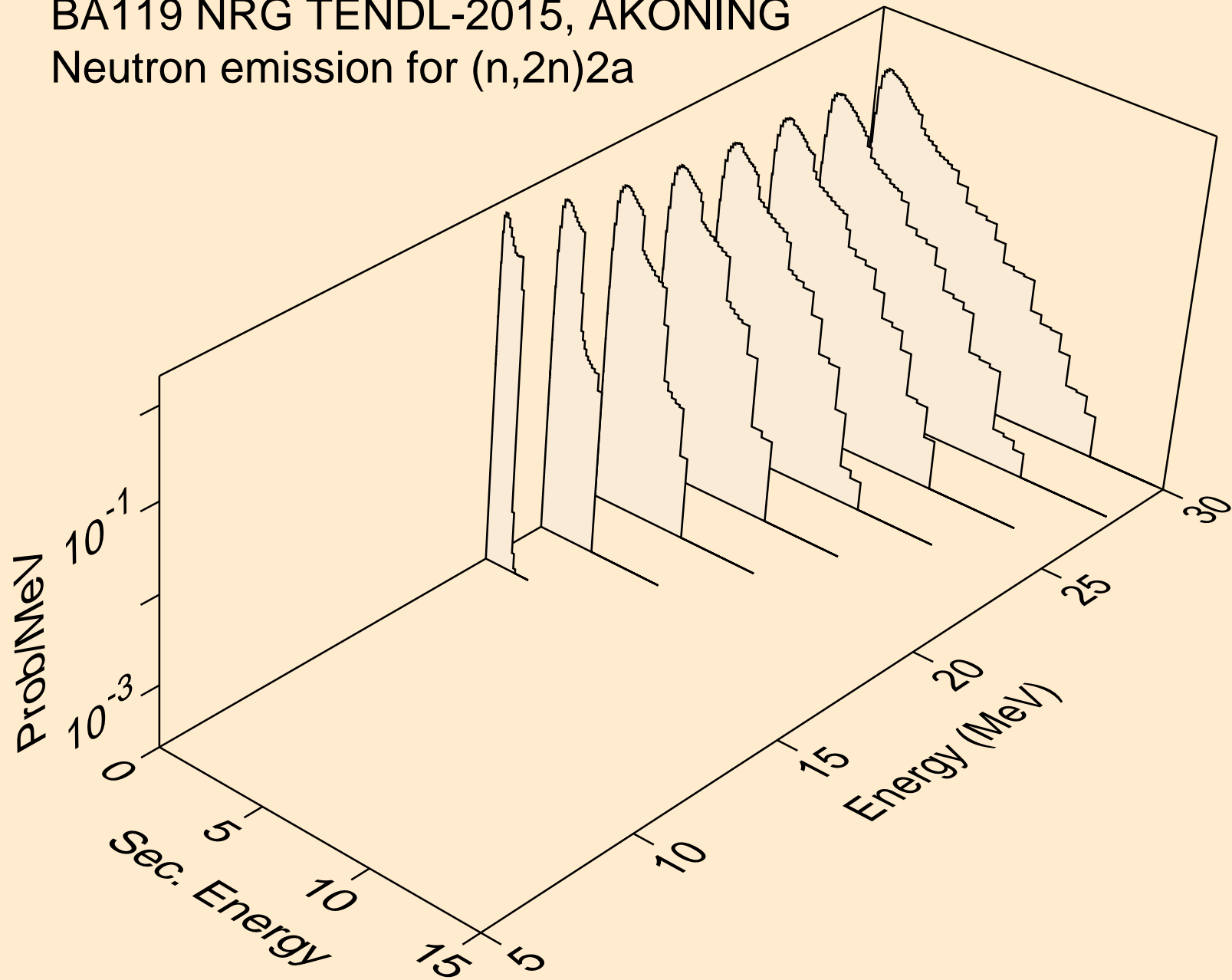
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



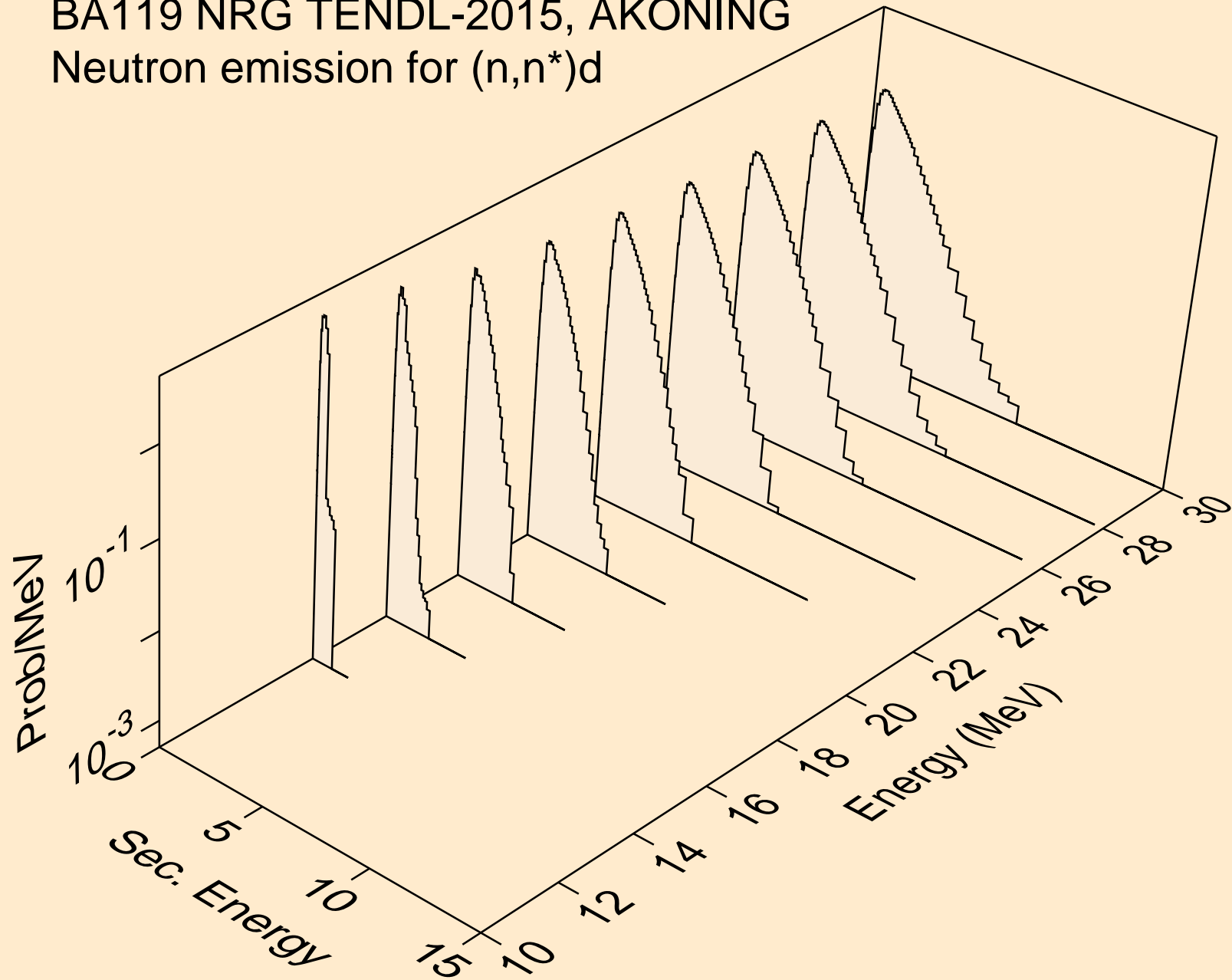
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



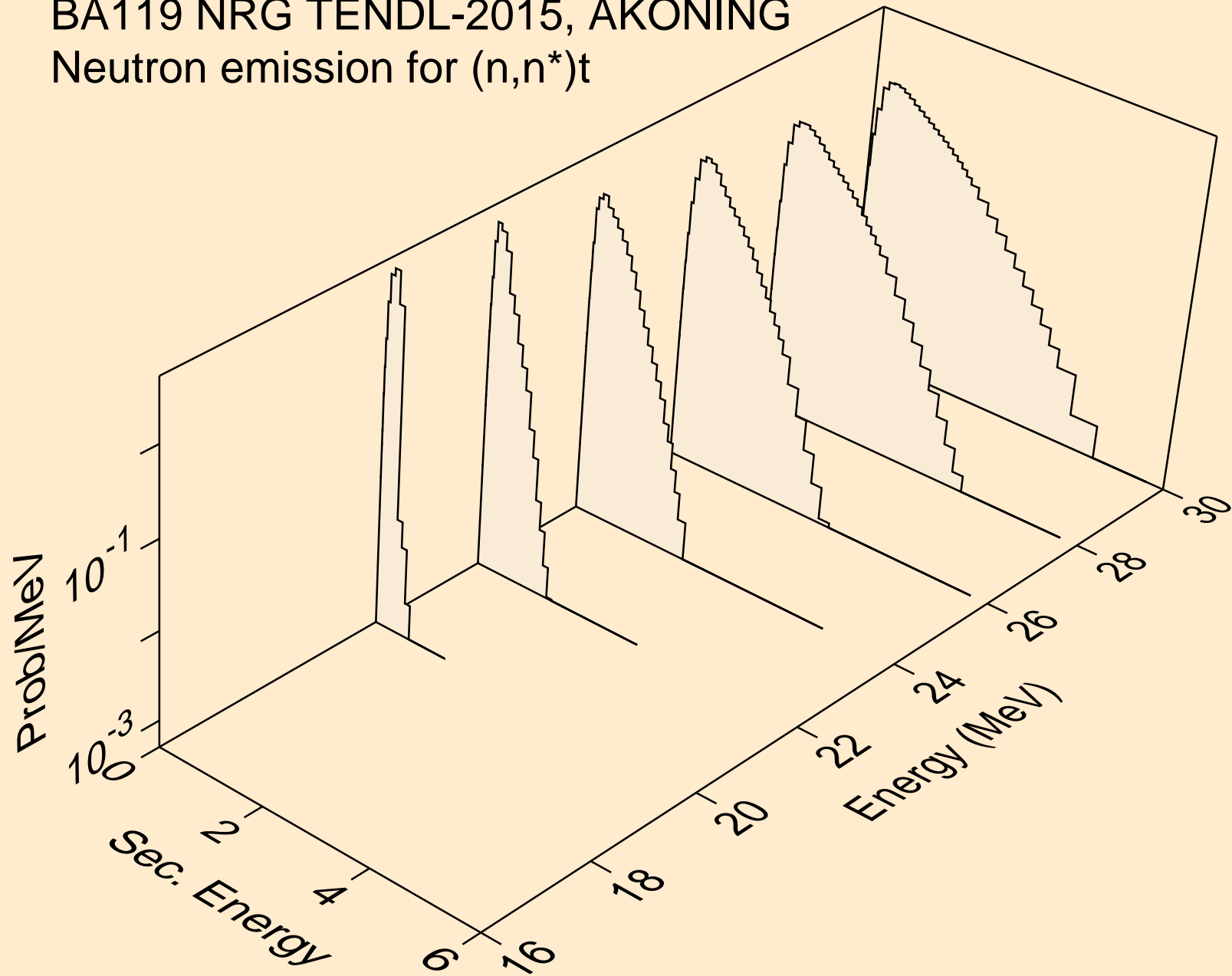
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



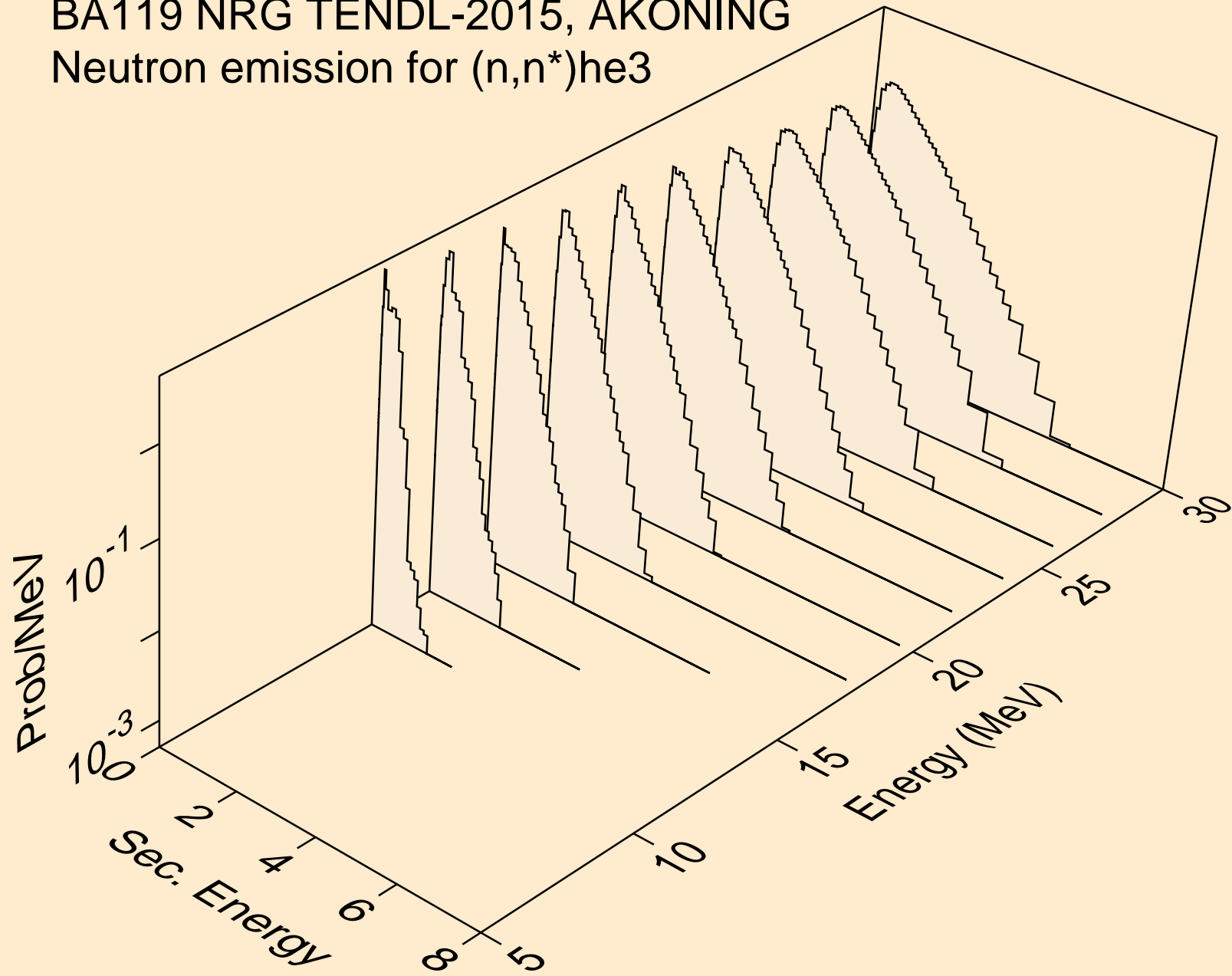
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



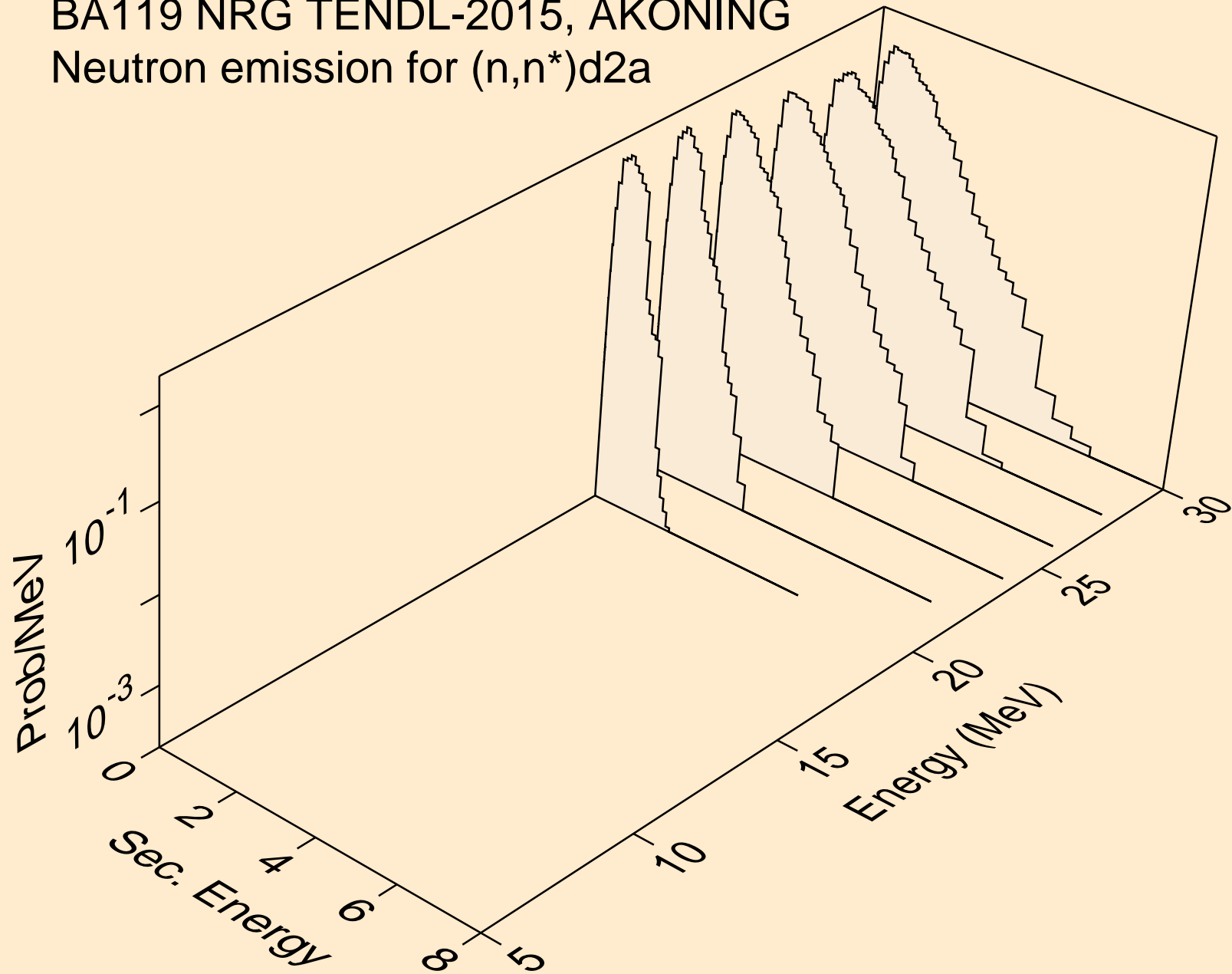
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



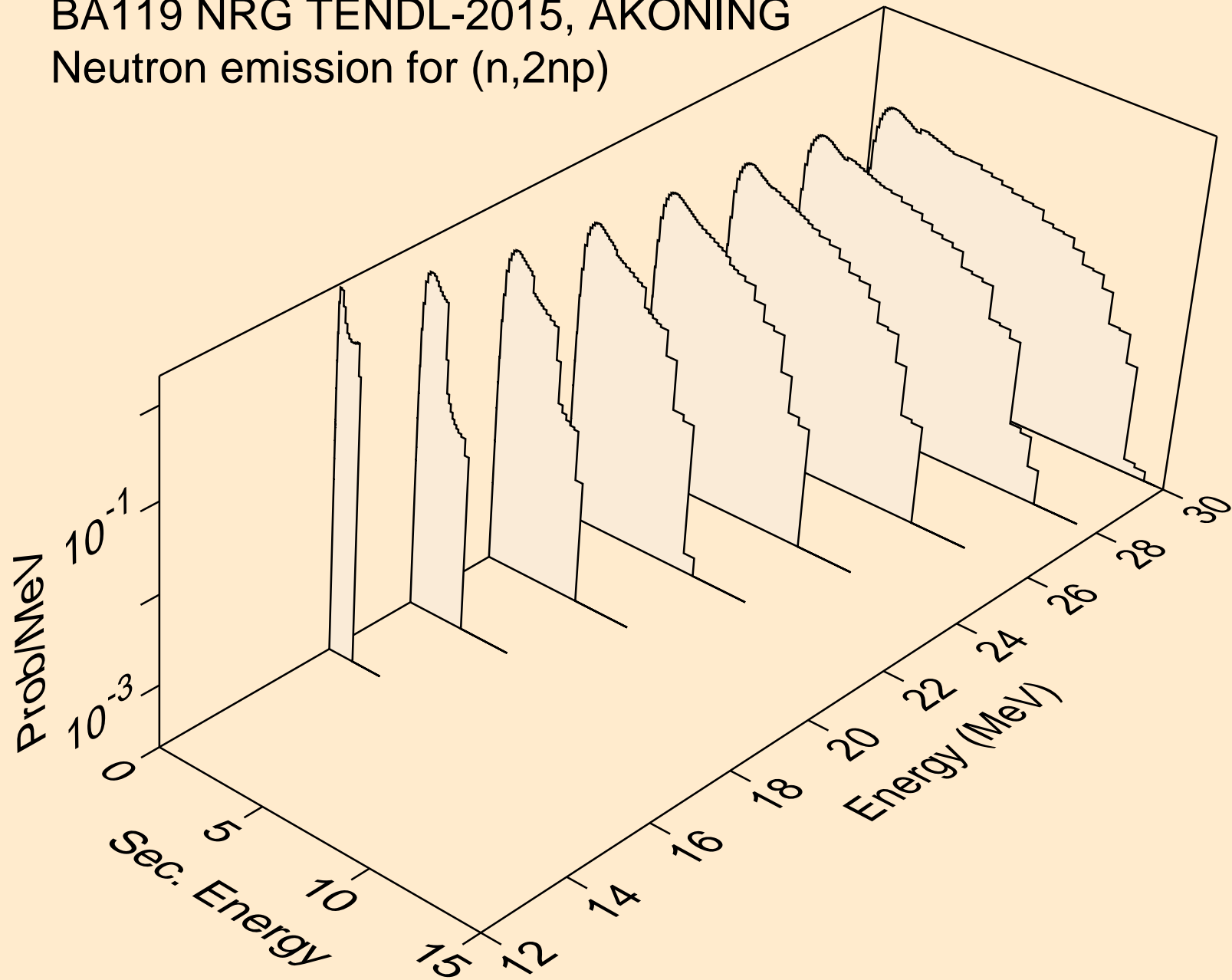
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a

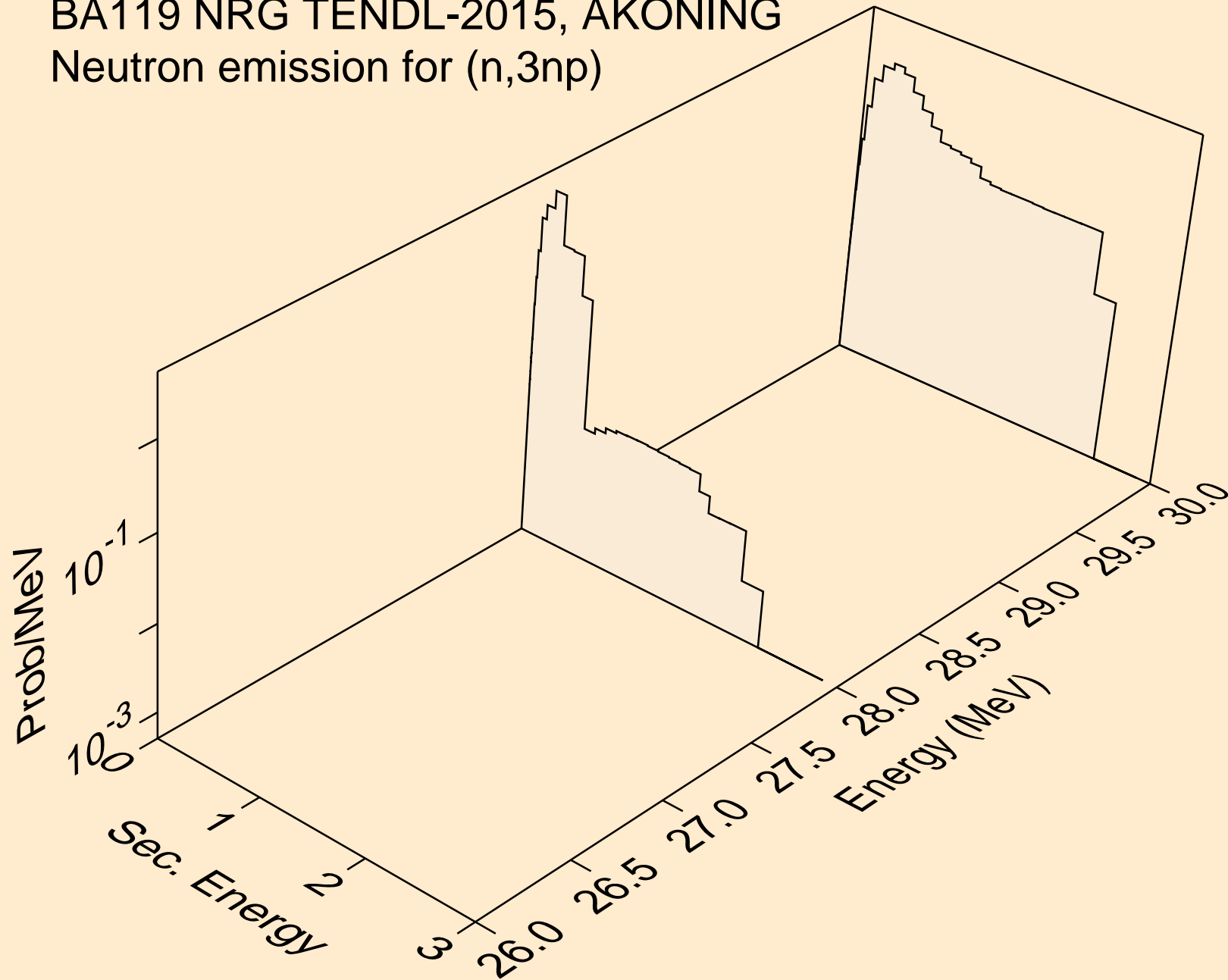


BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

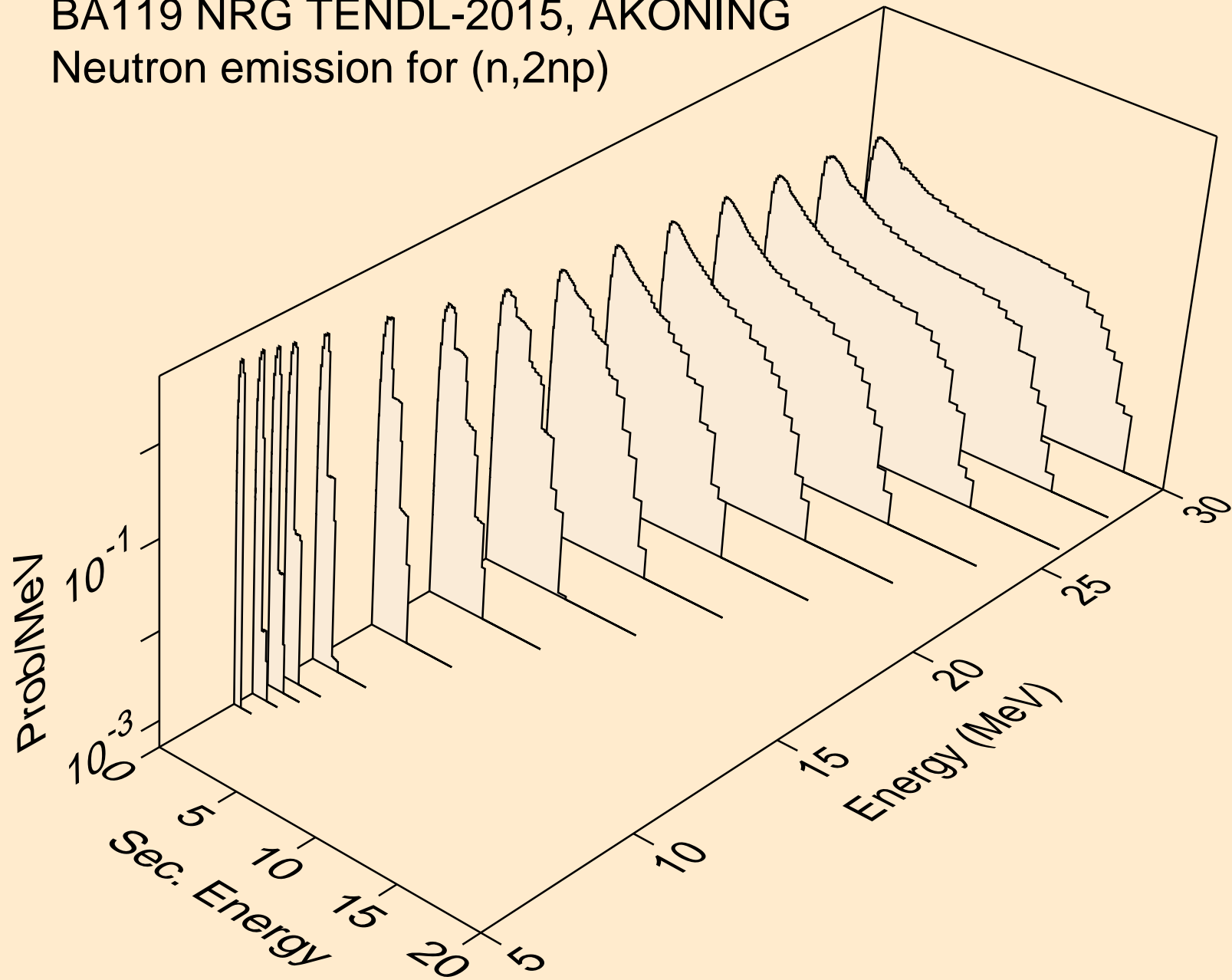




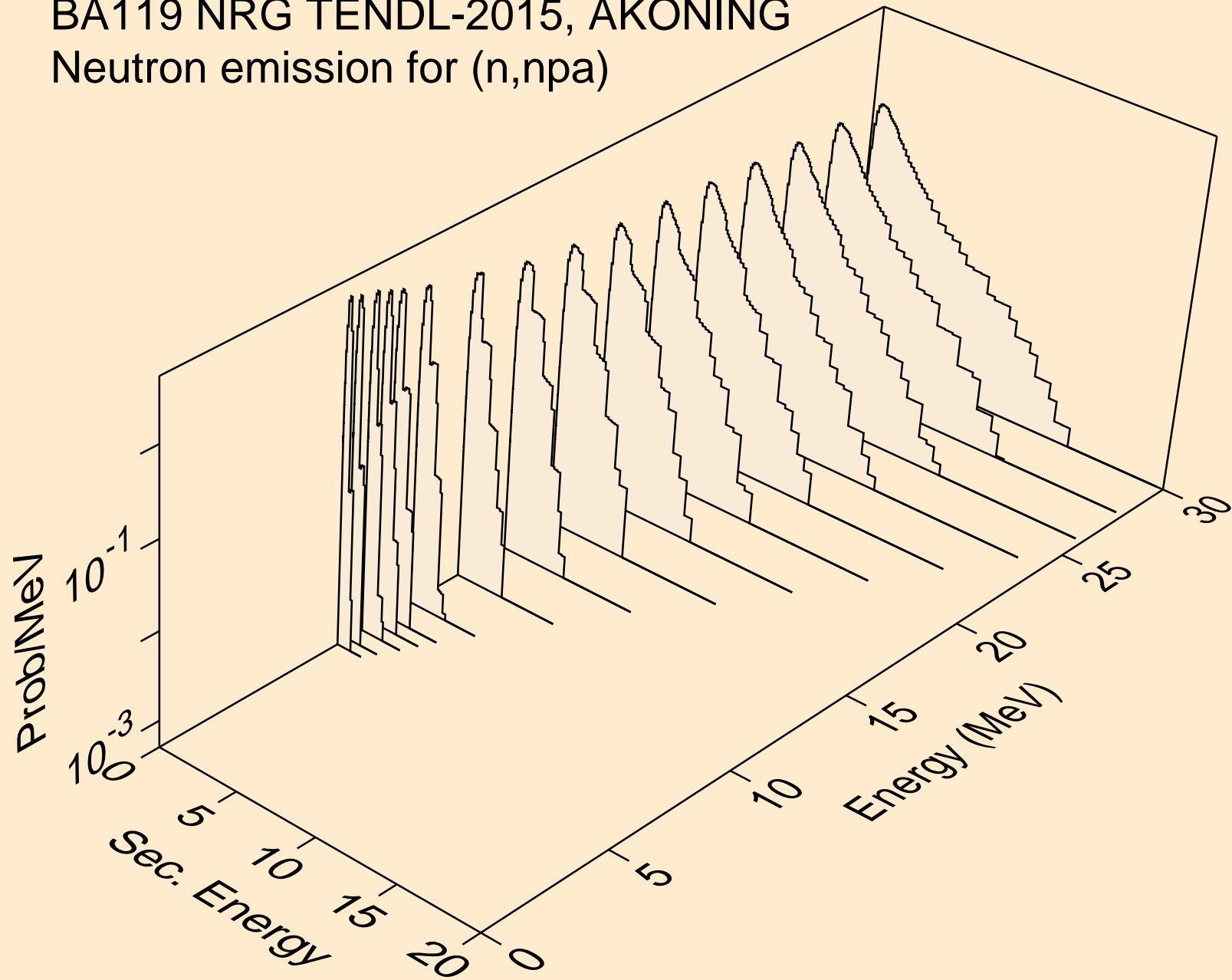
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



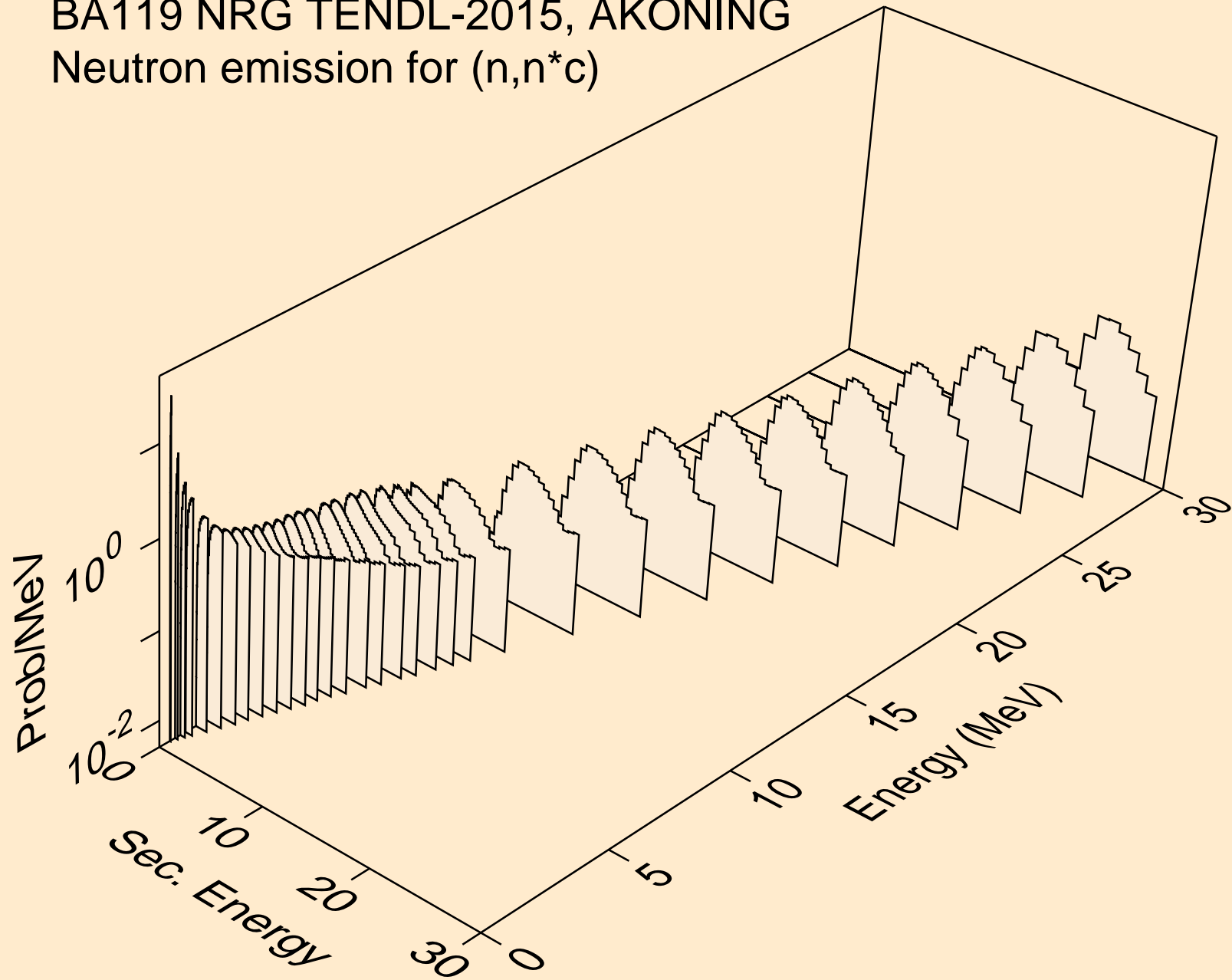
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



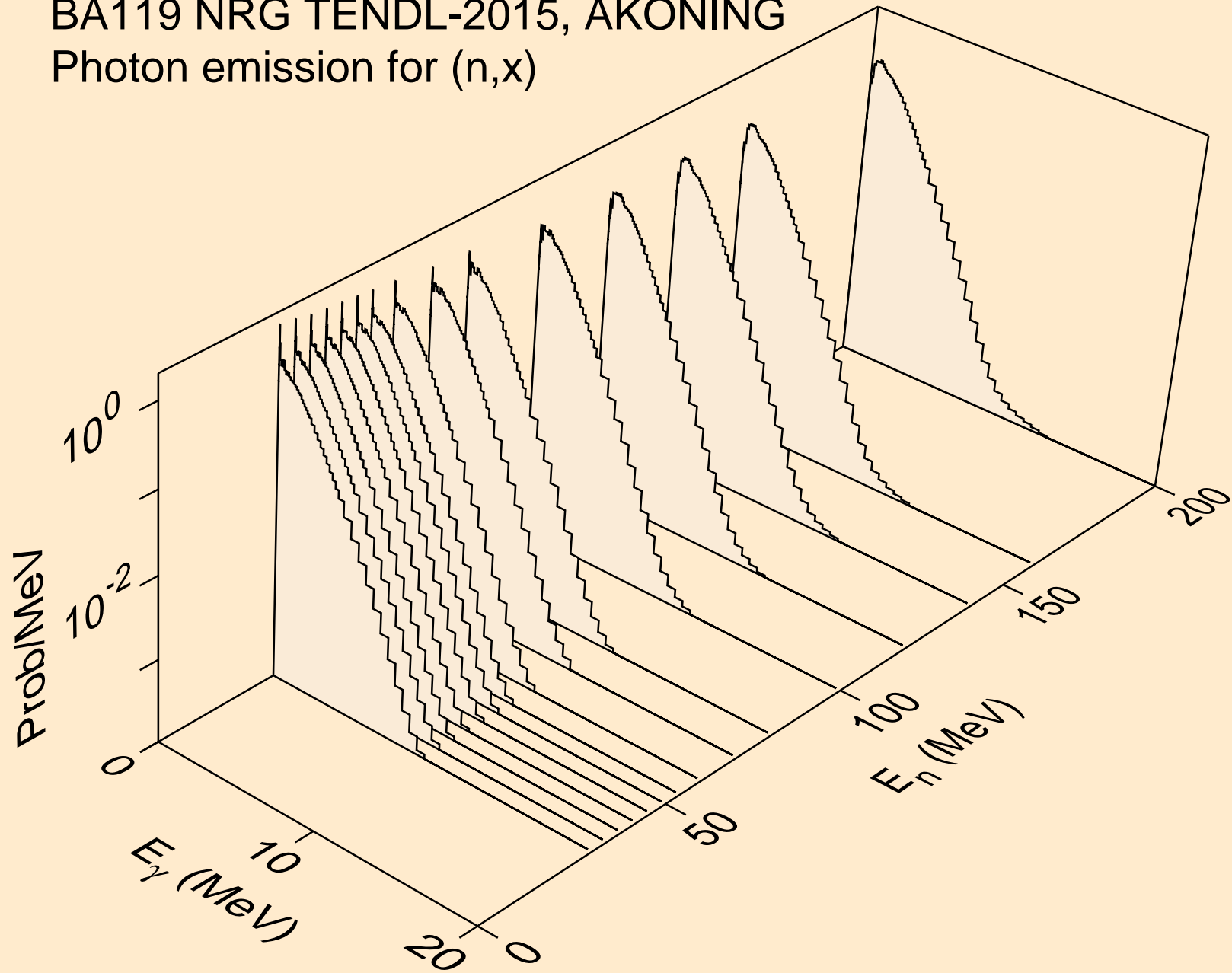
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



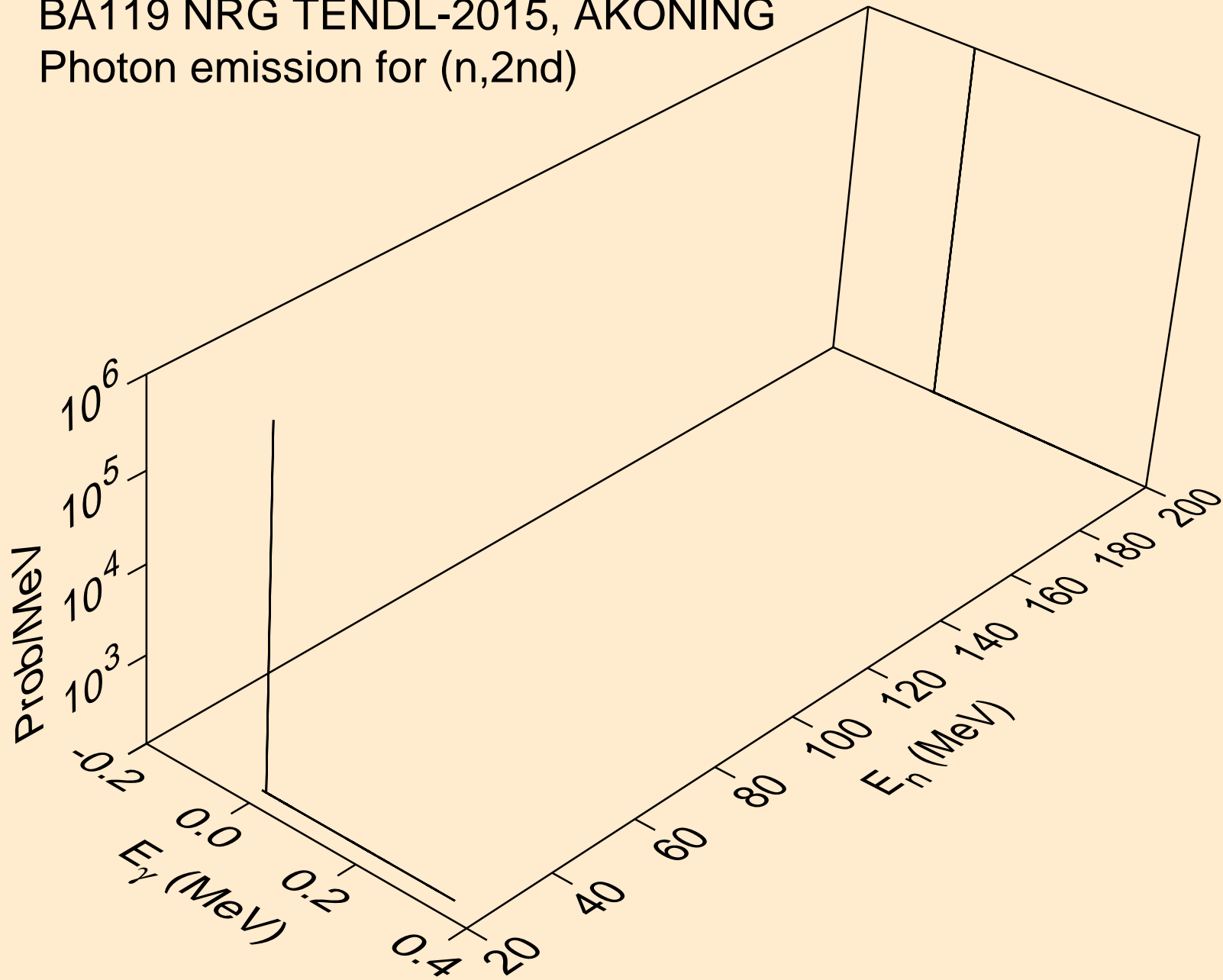
BA119 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



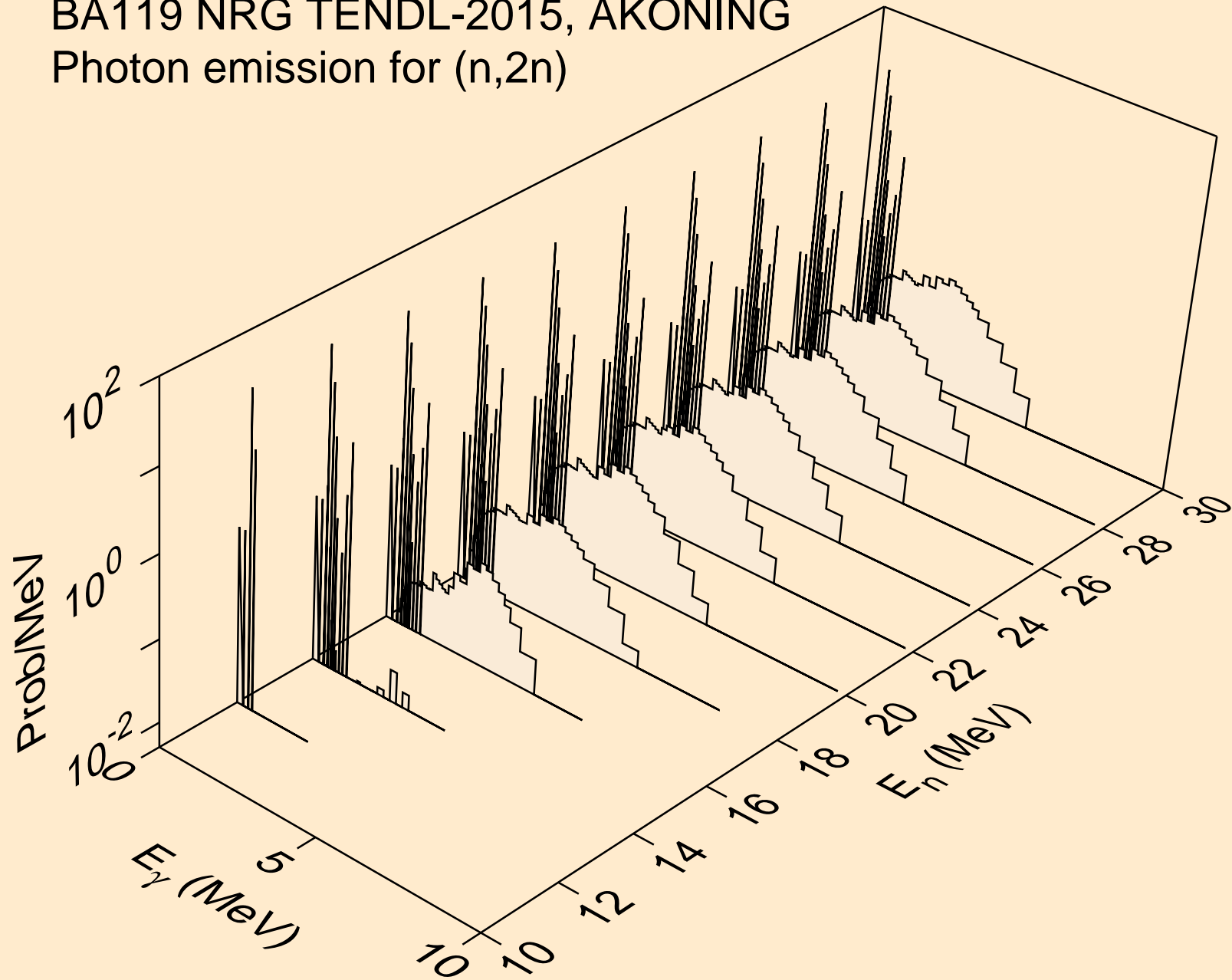
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



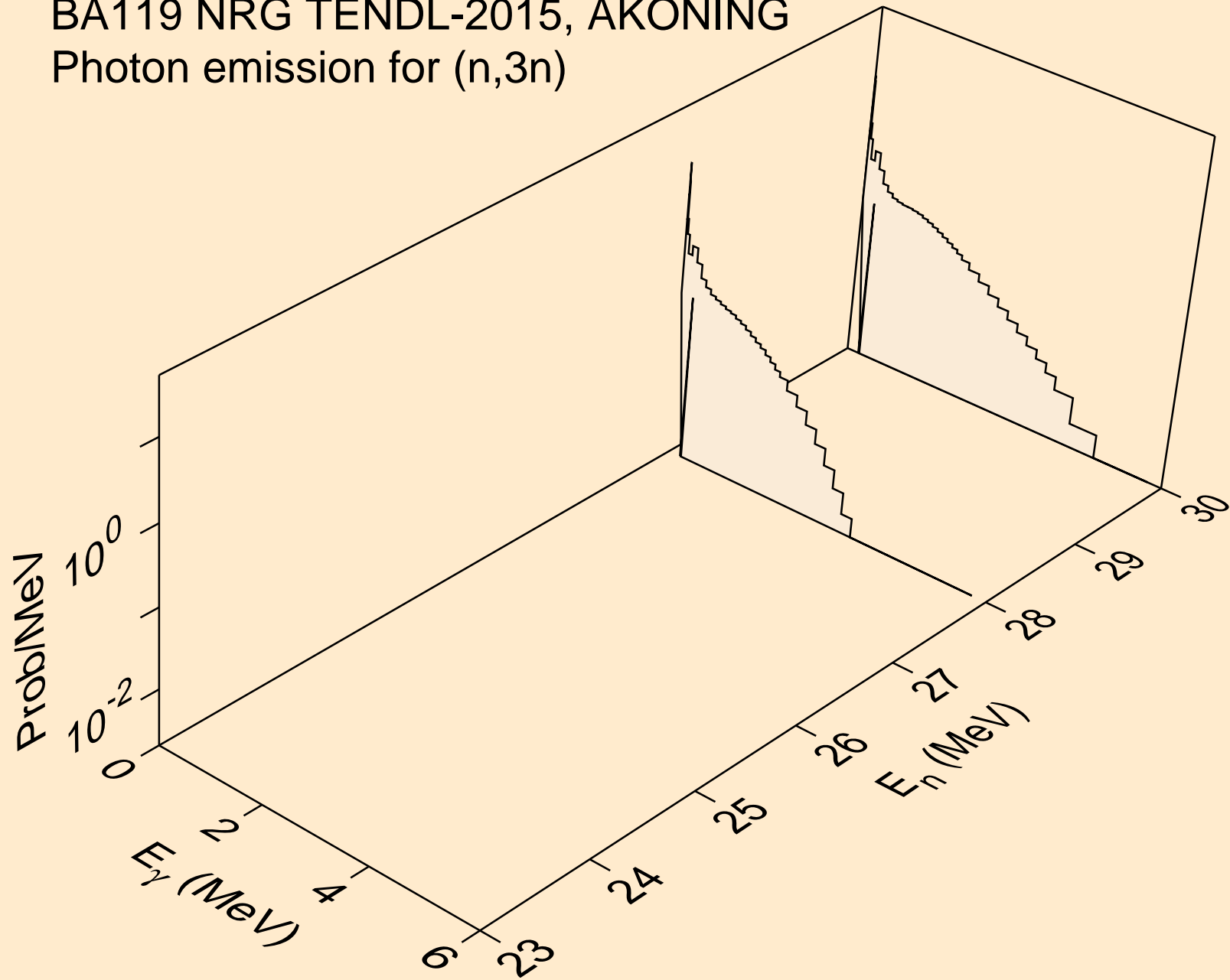
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

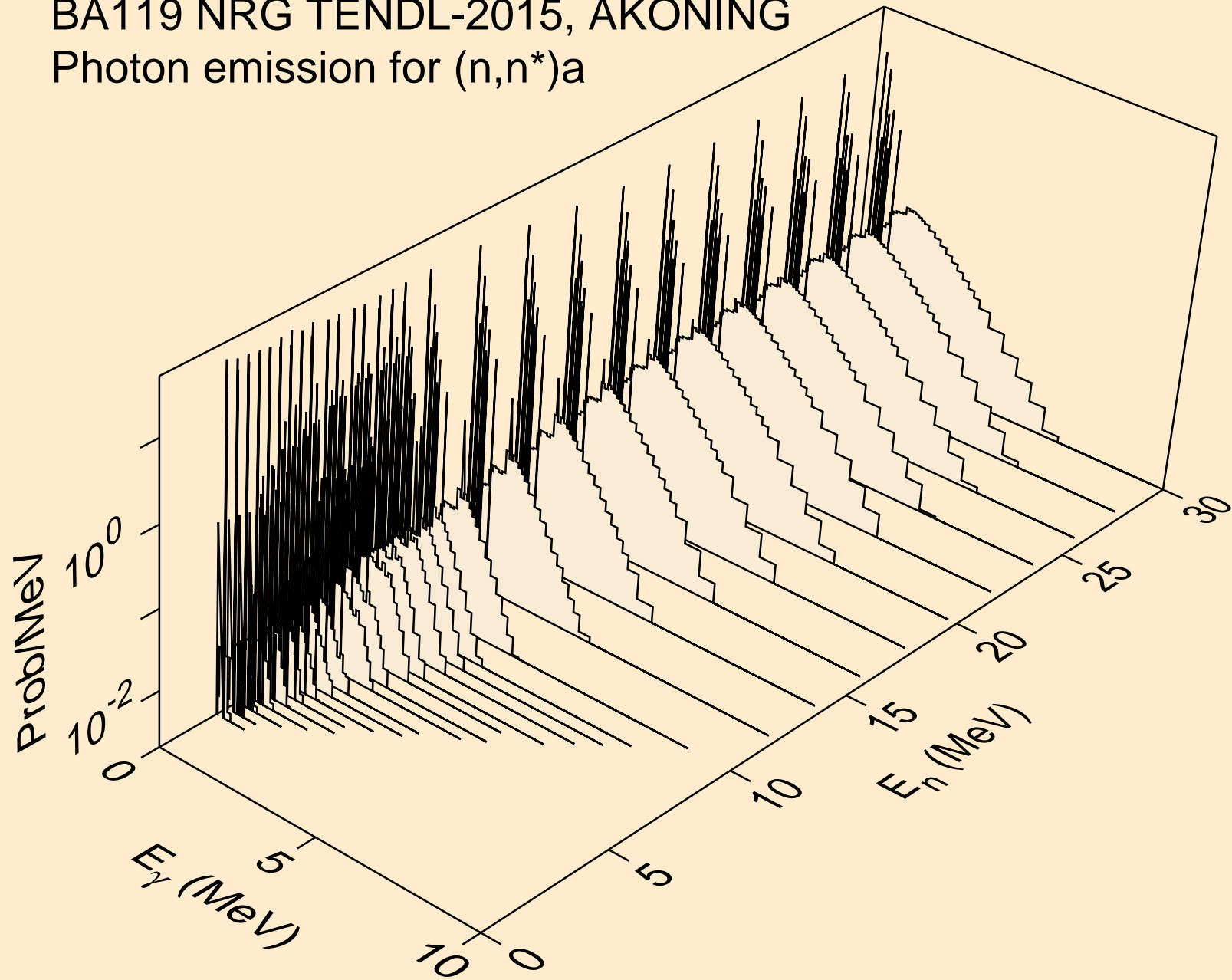


BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

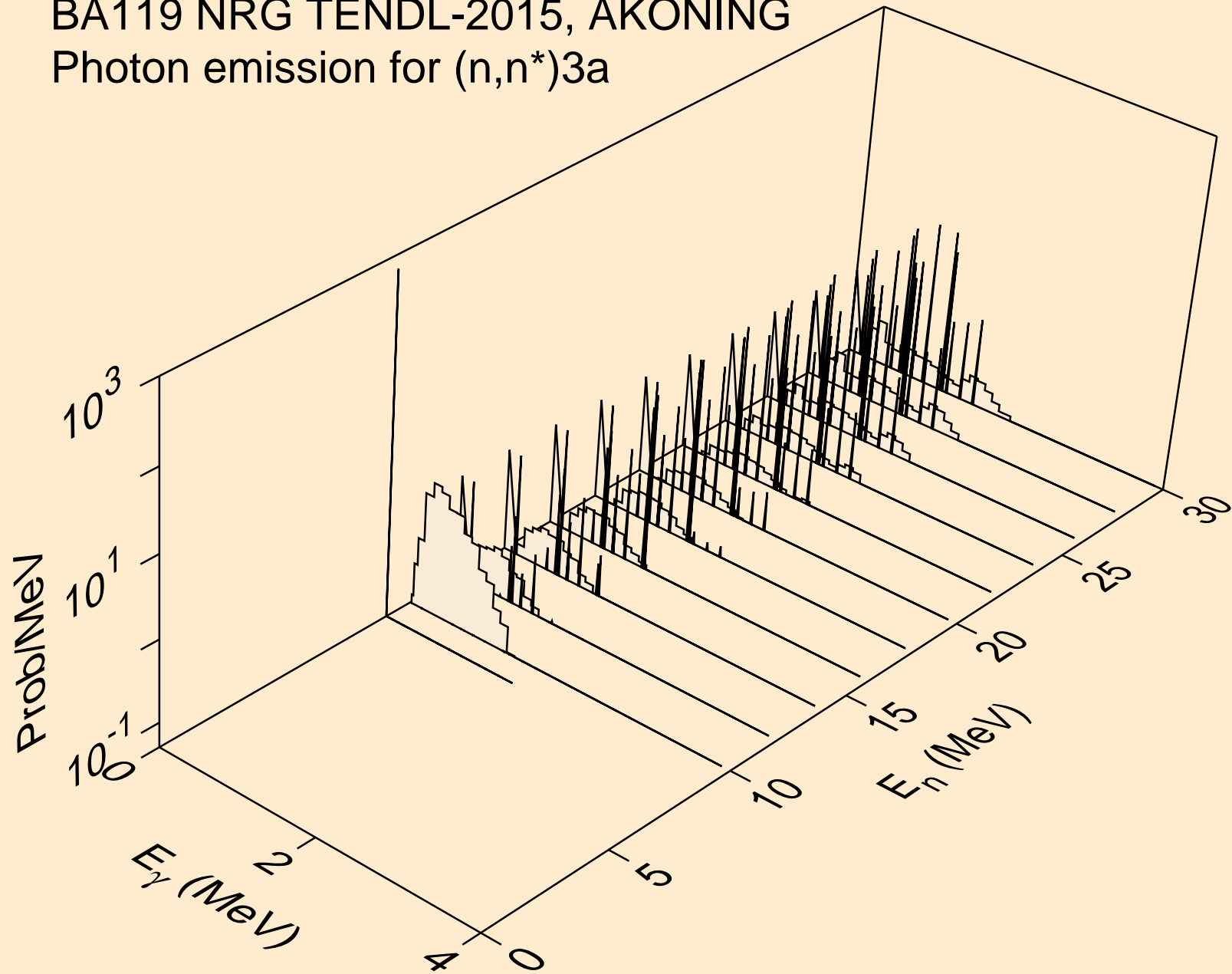




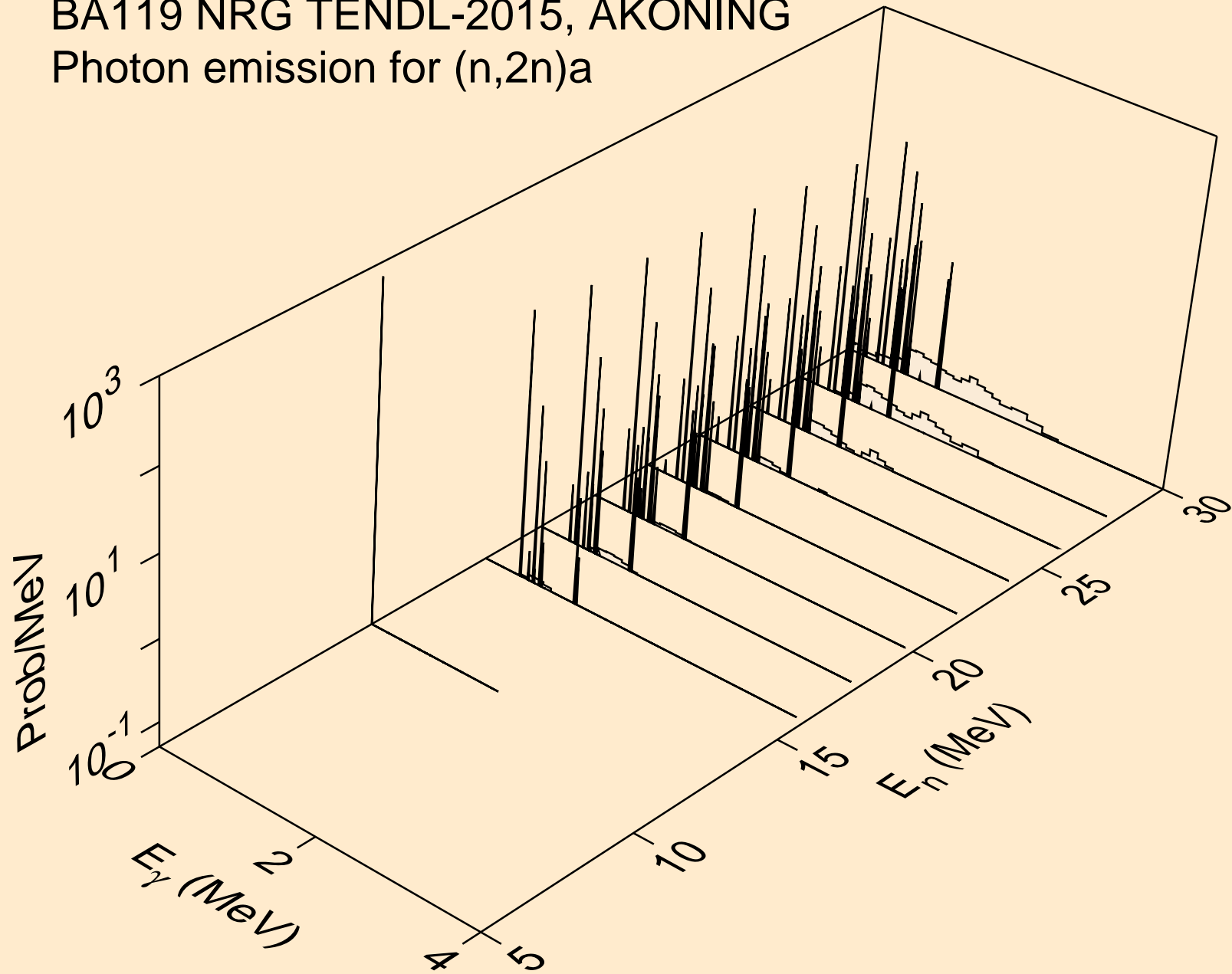
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



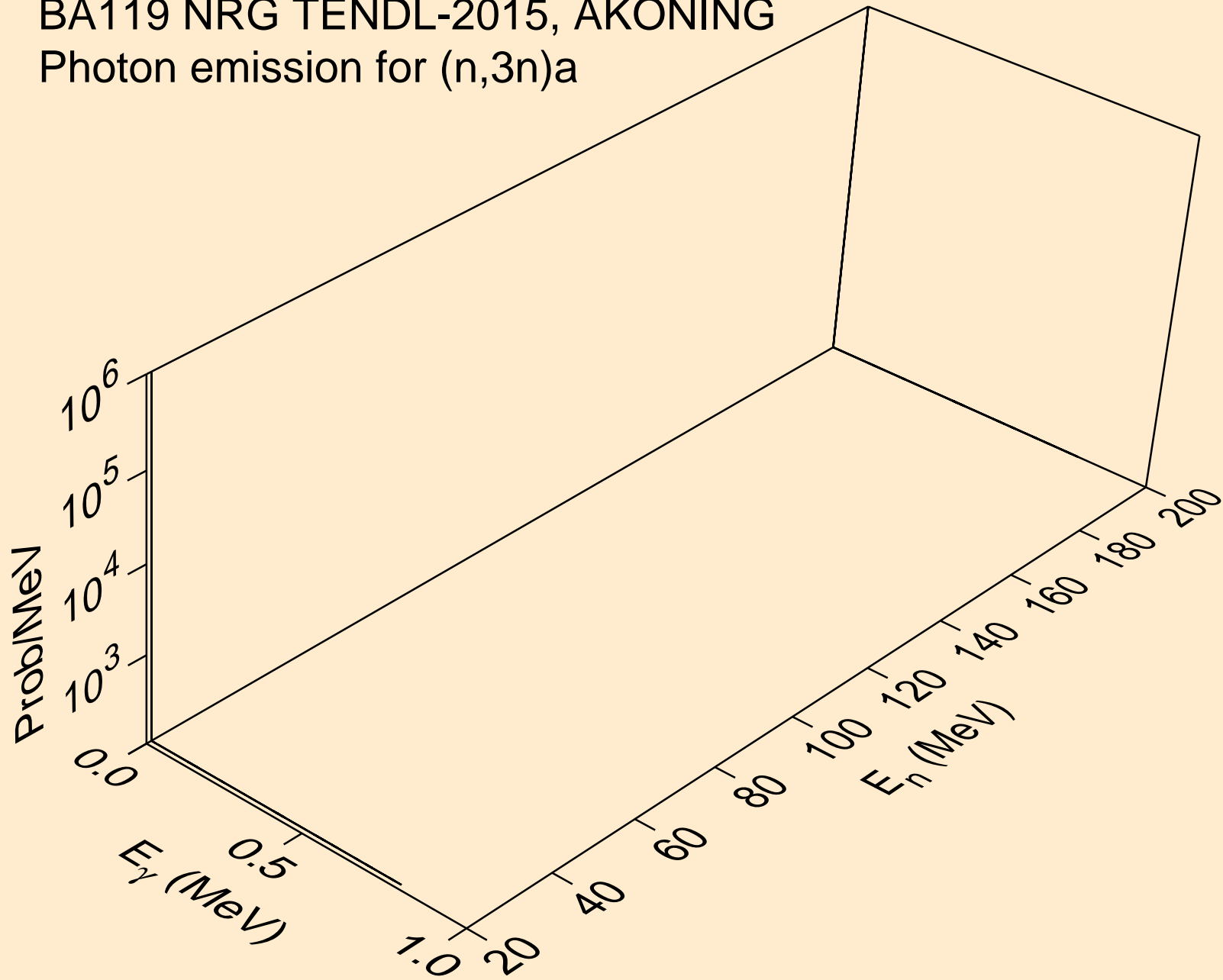
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



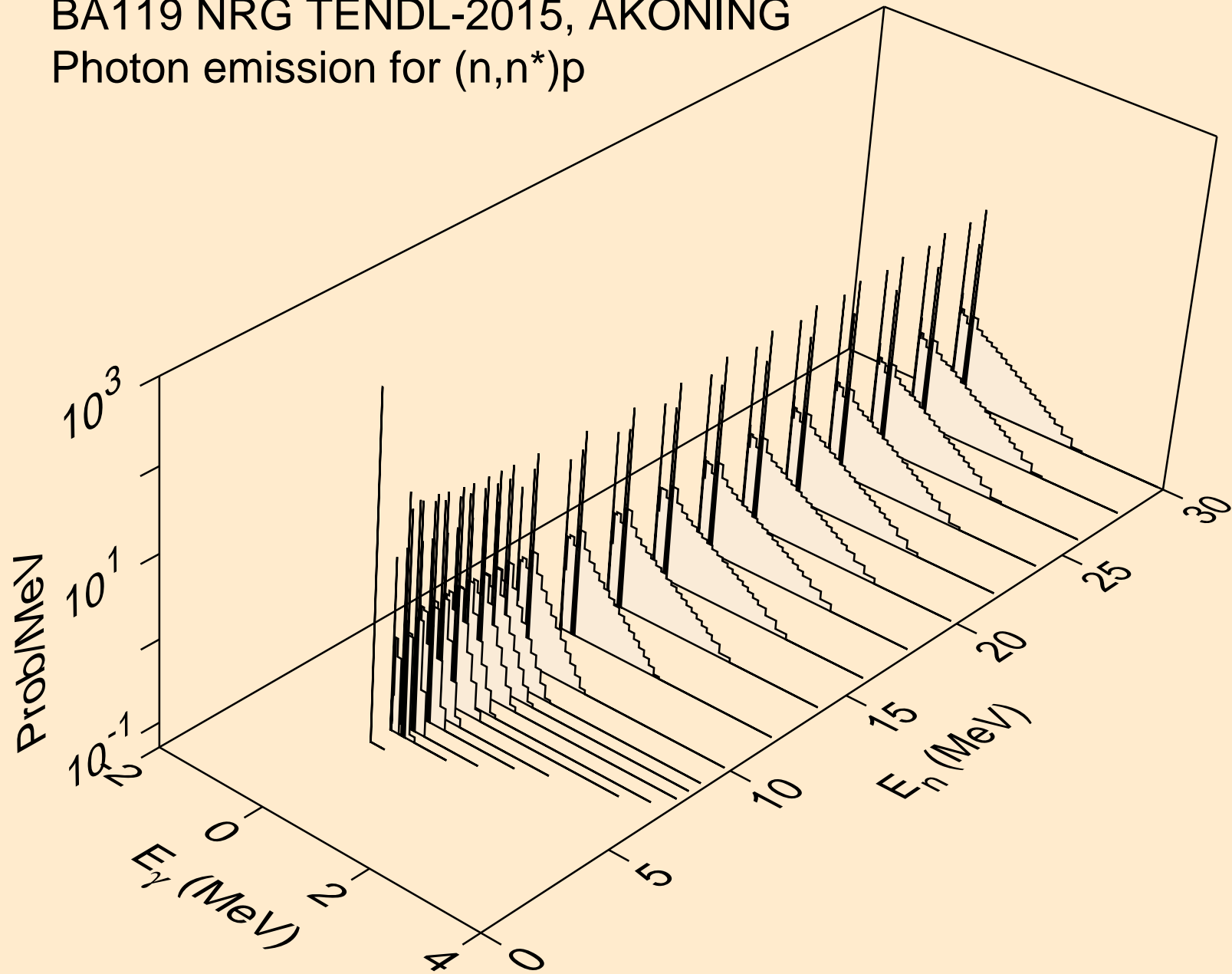
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



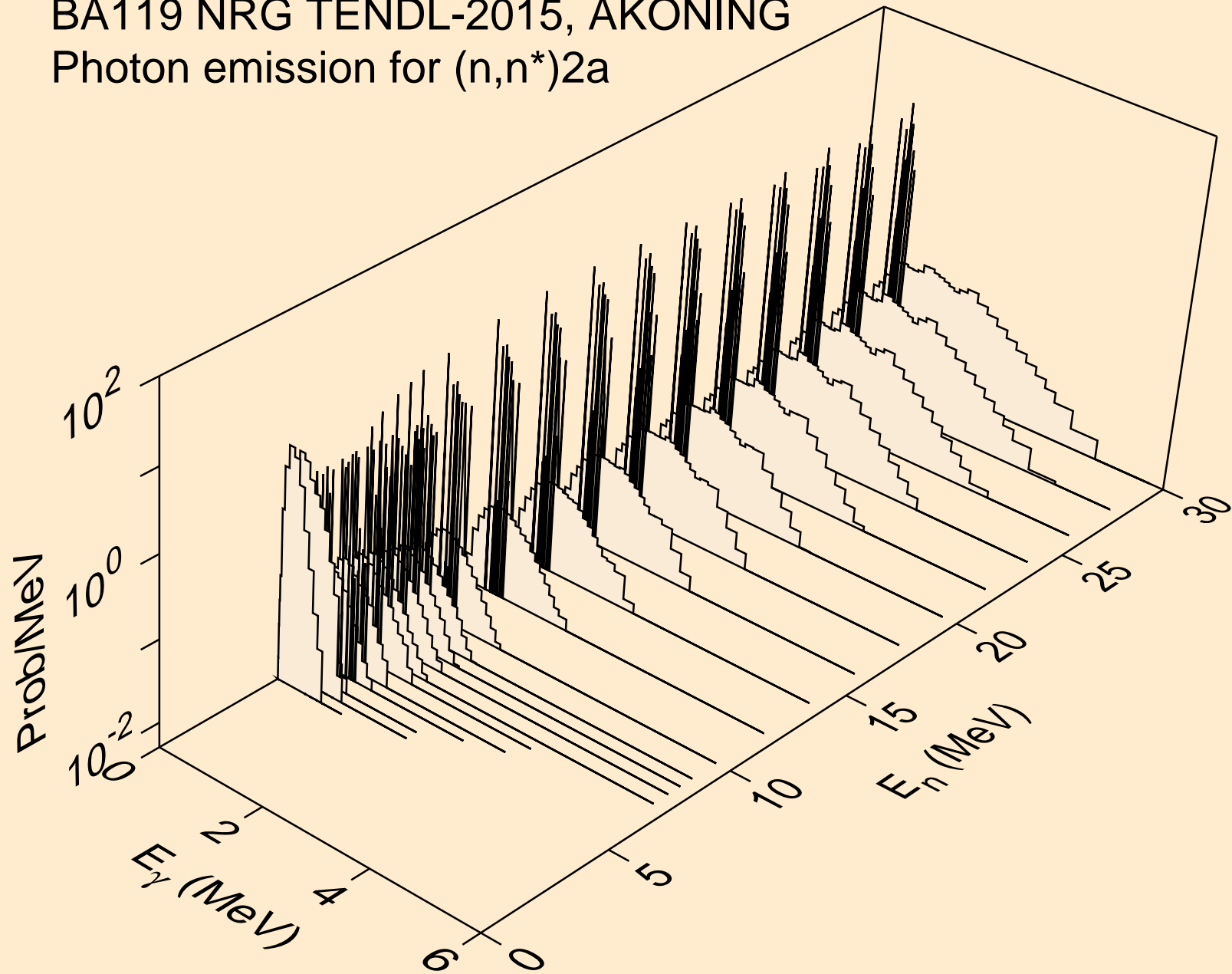
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



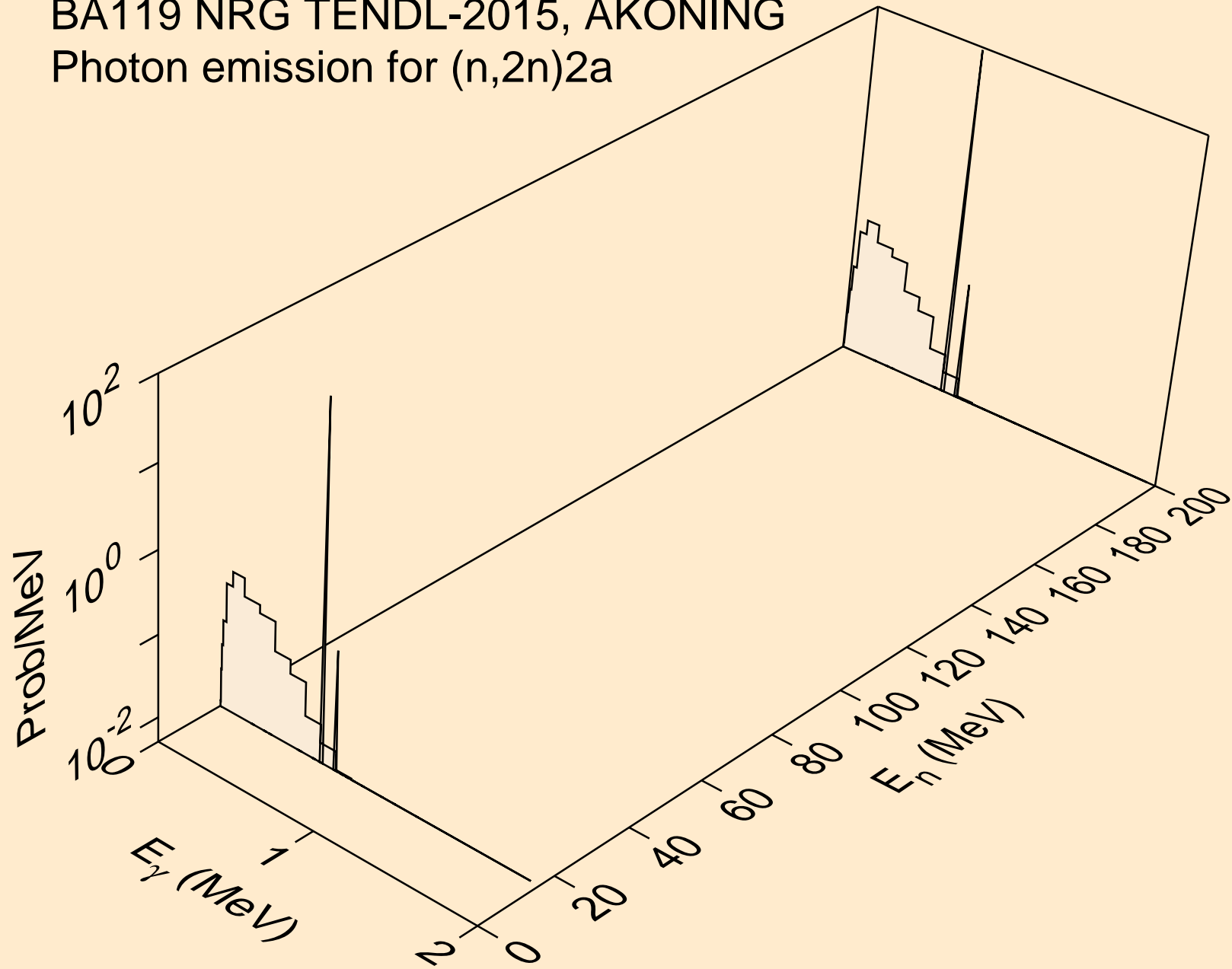
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



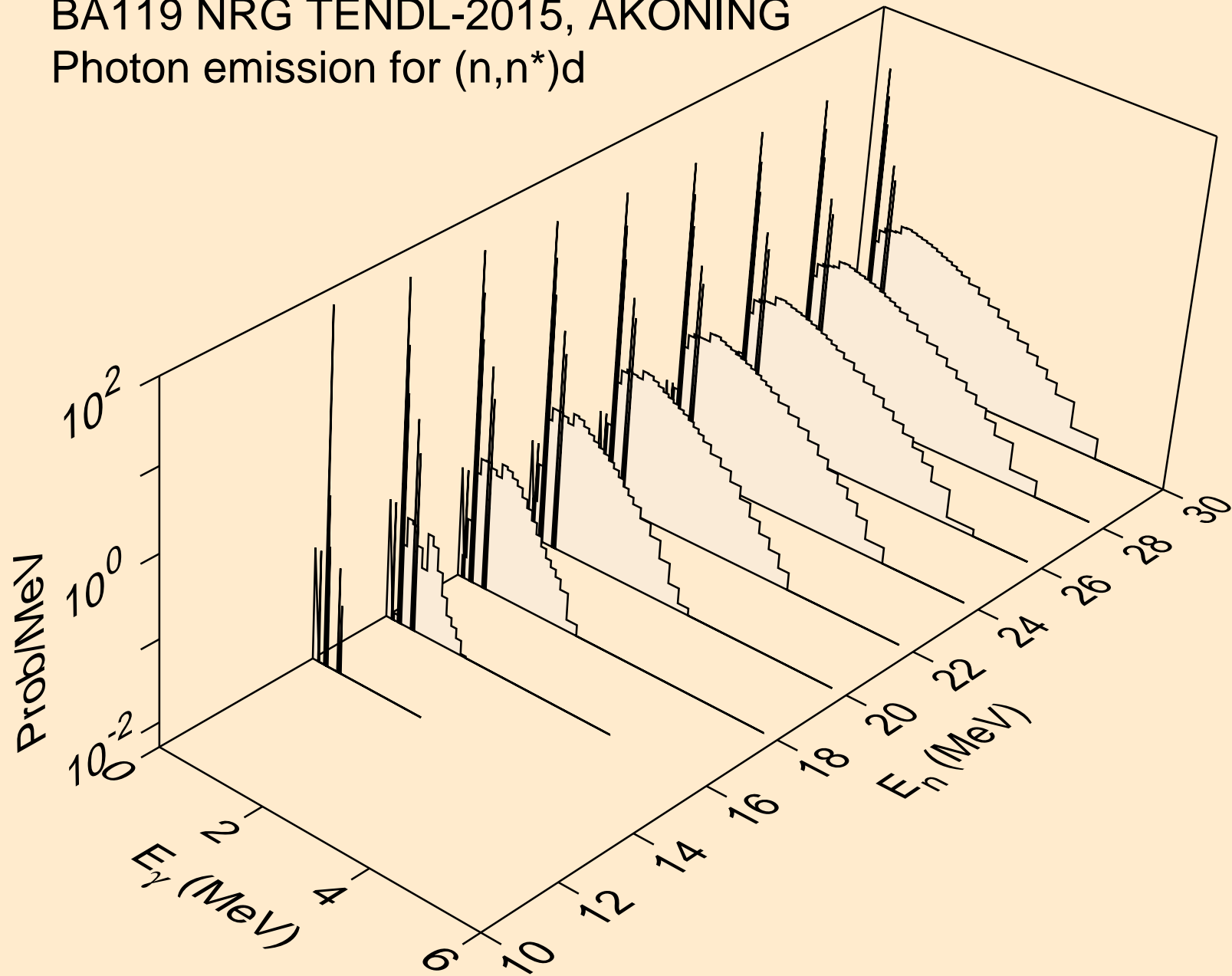
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a

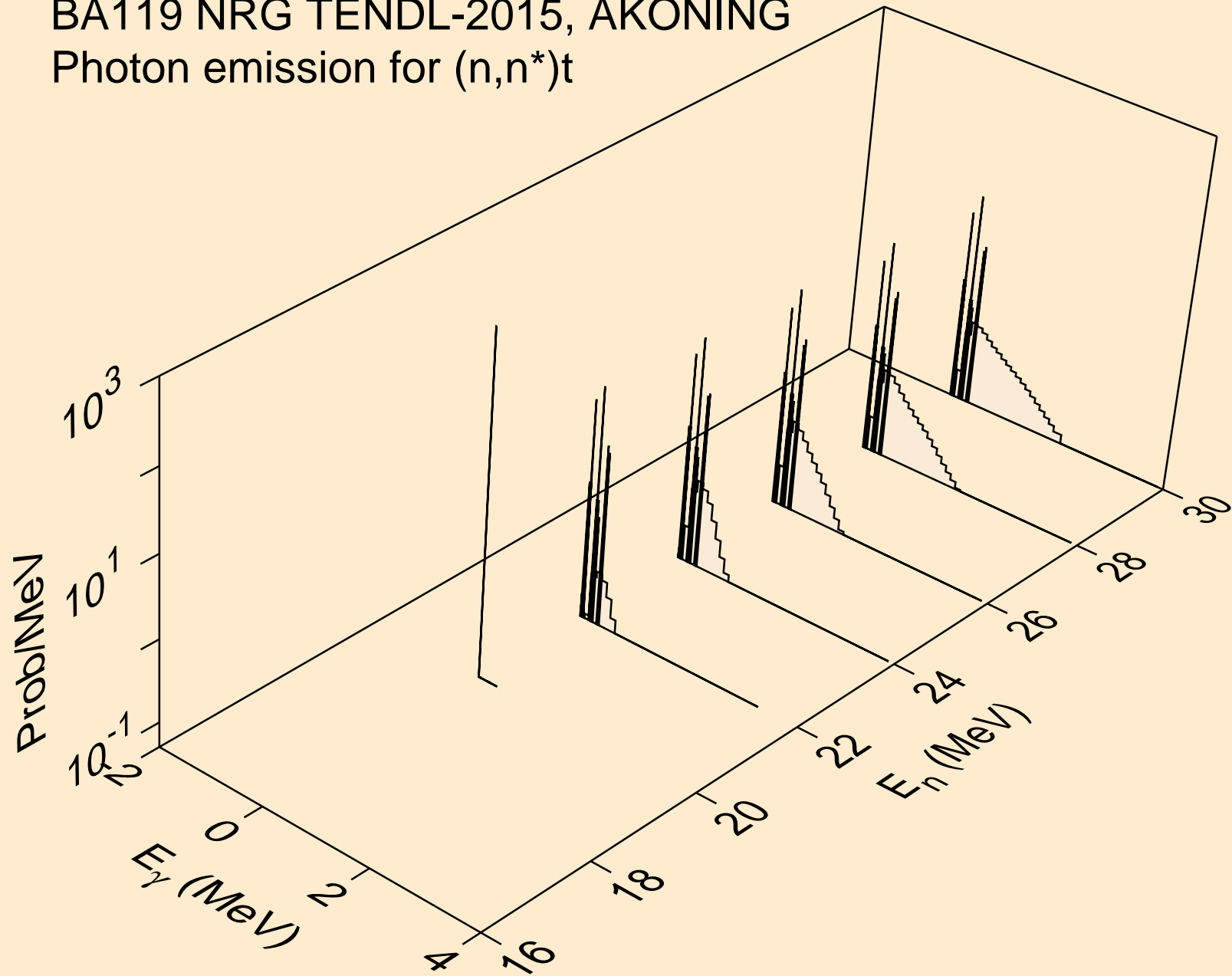


BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

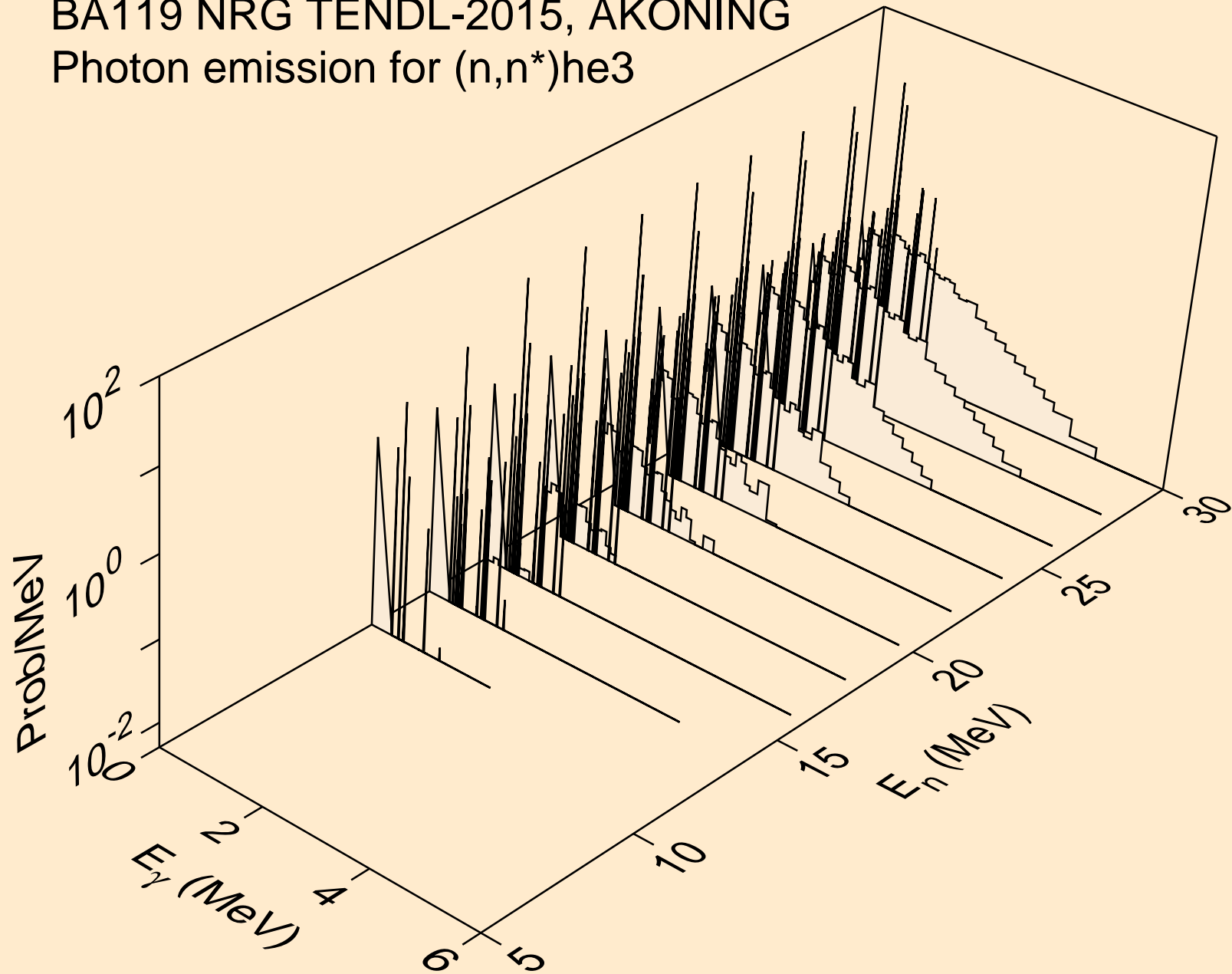




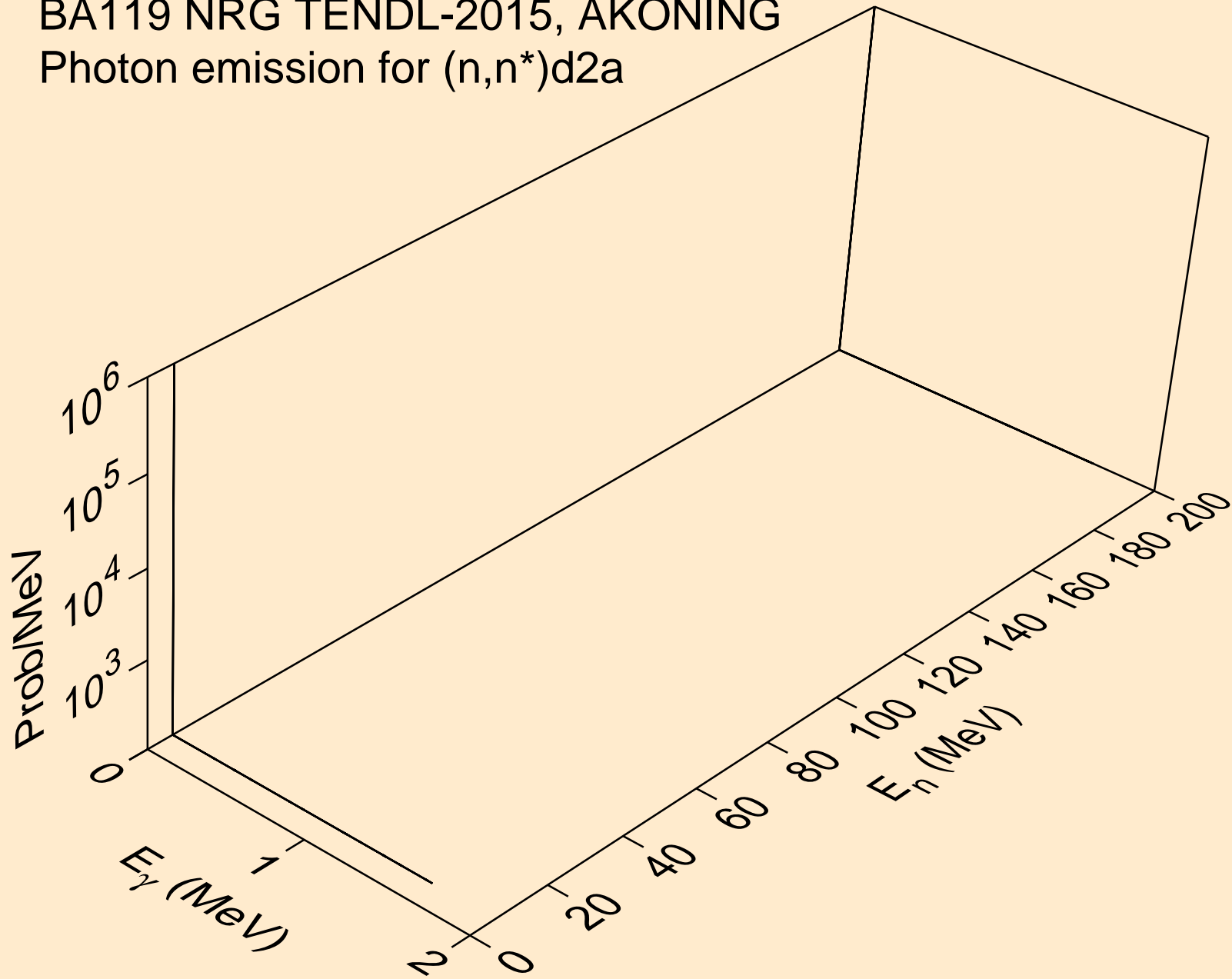
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



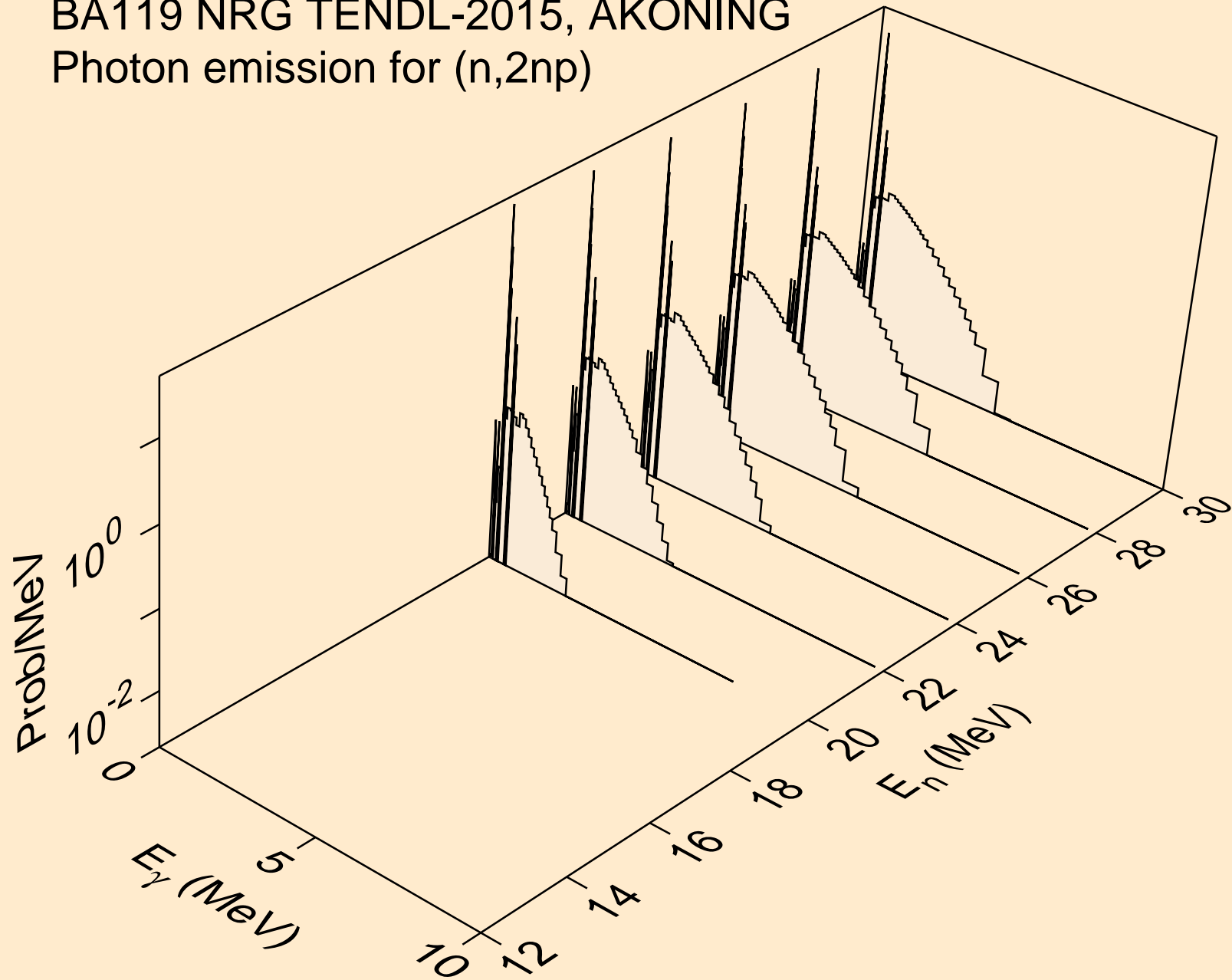
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



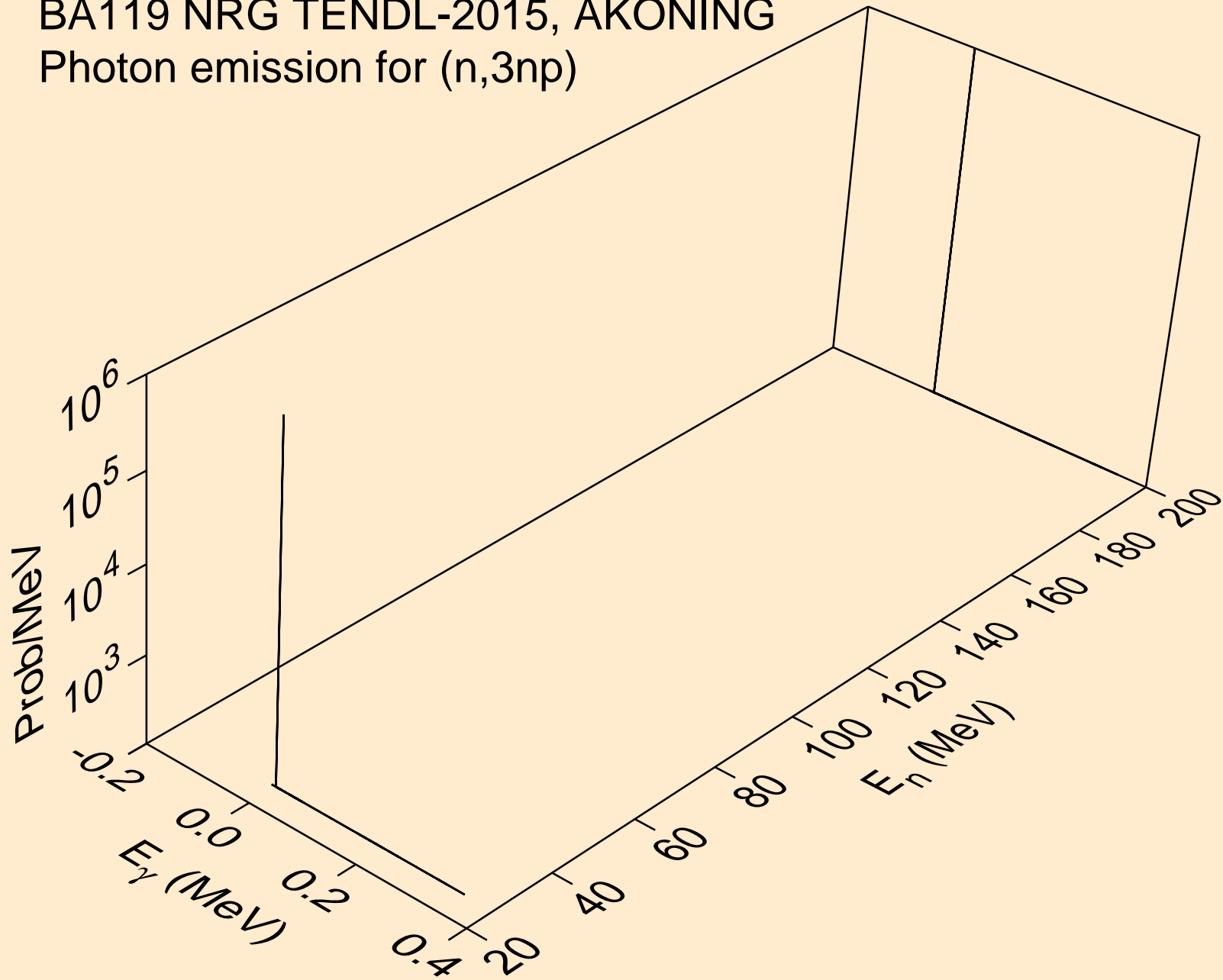
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



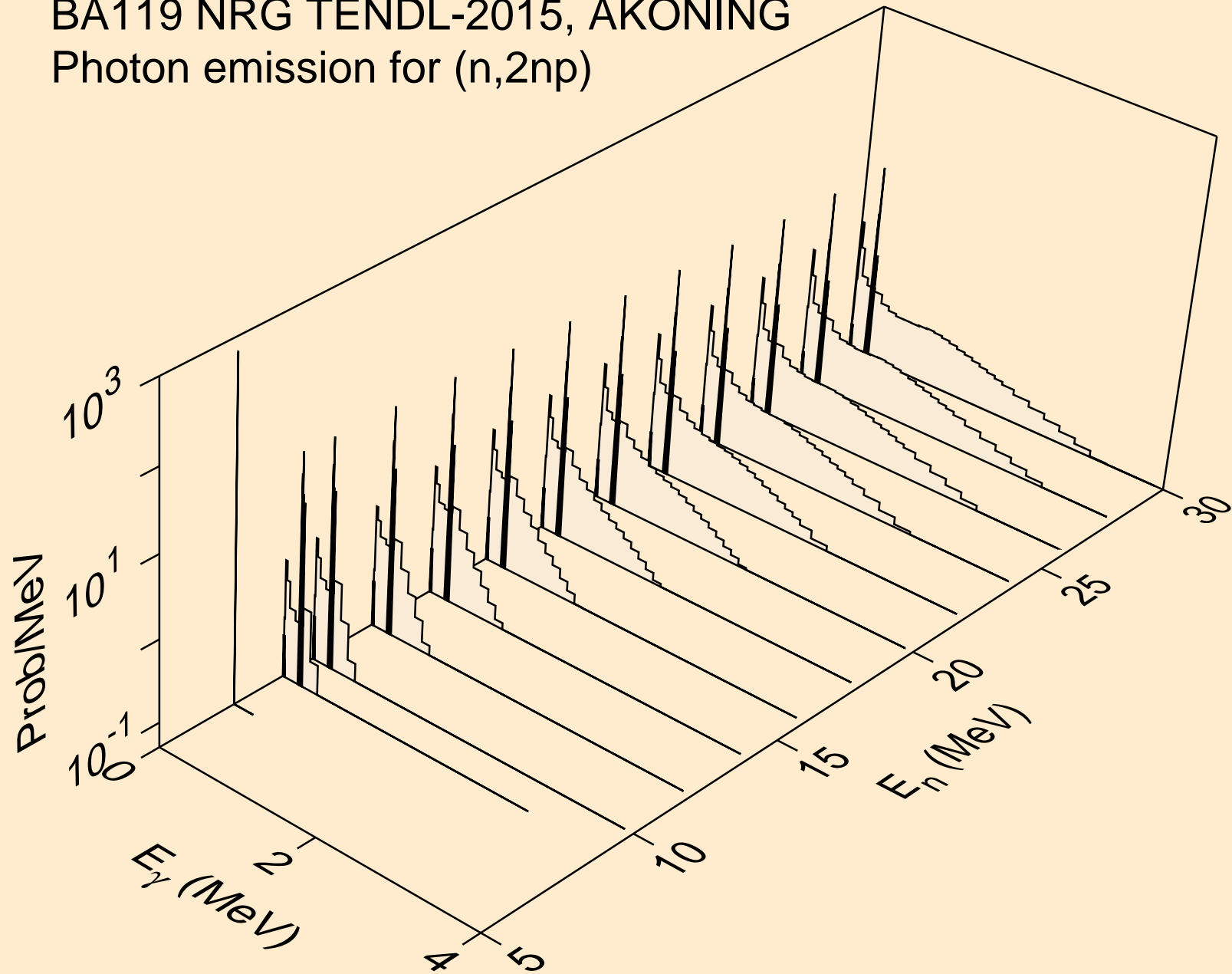
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



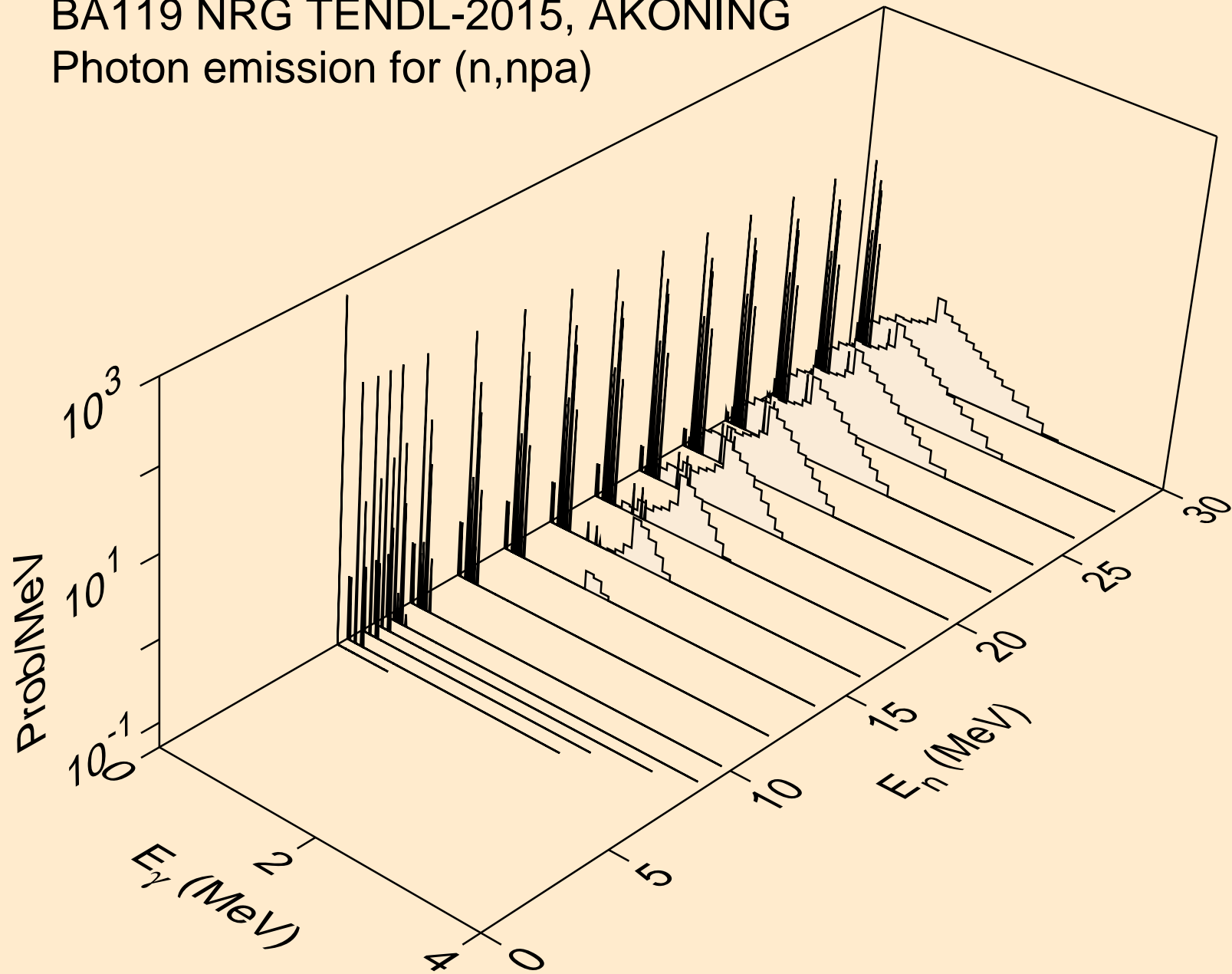
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



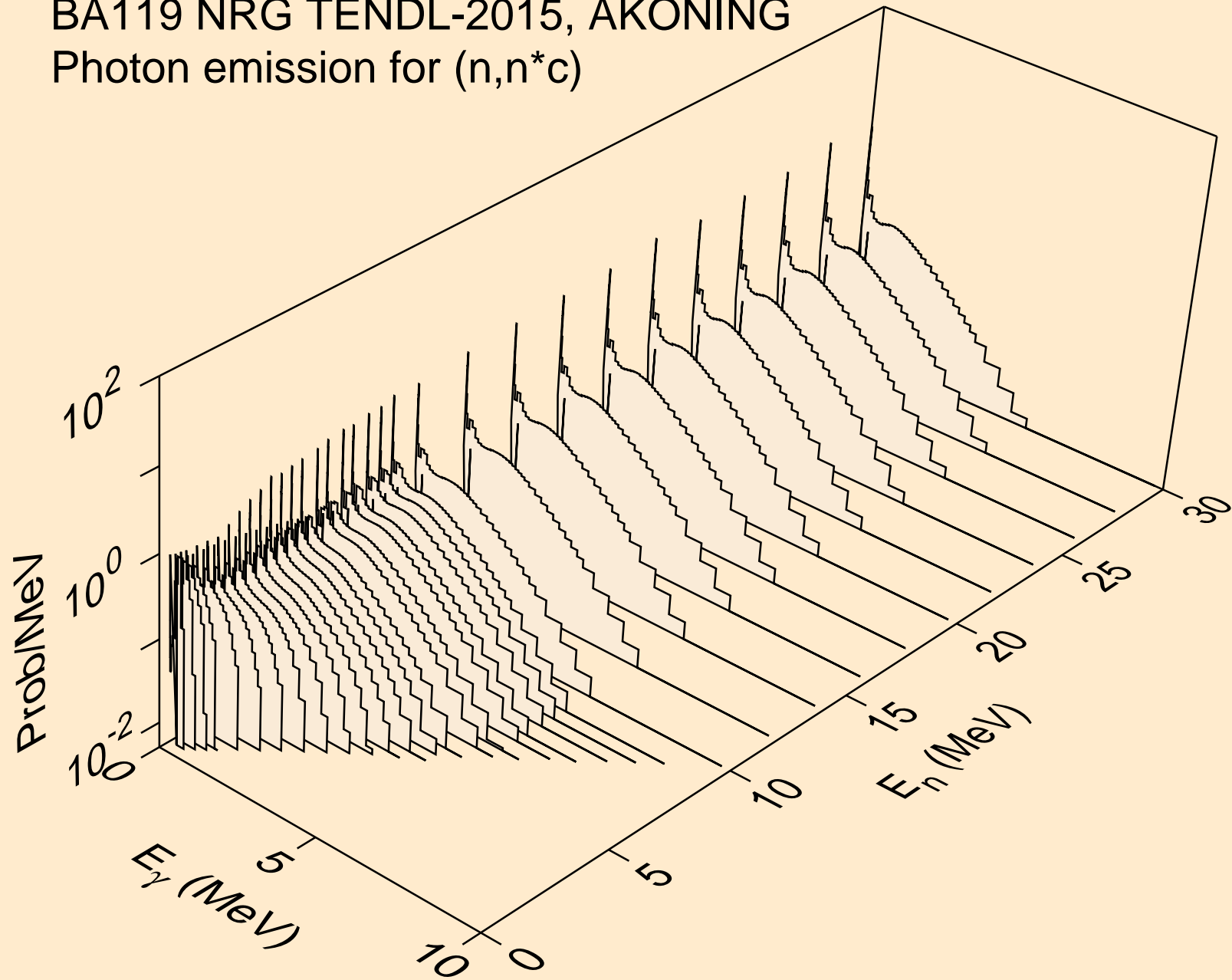
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

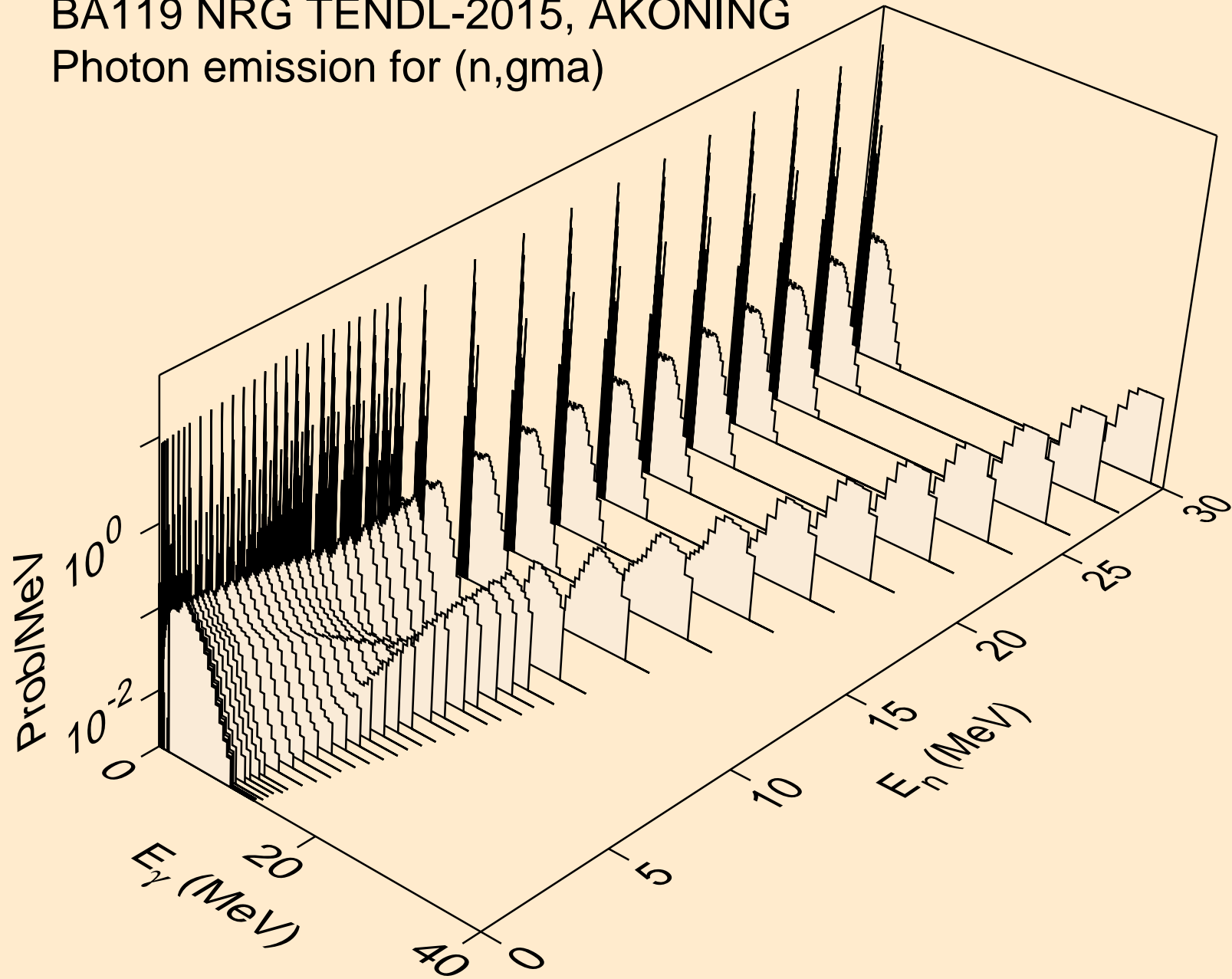


BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

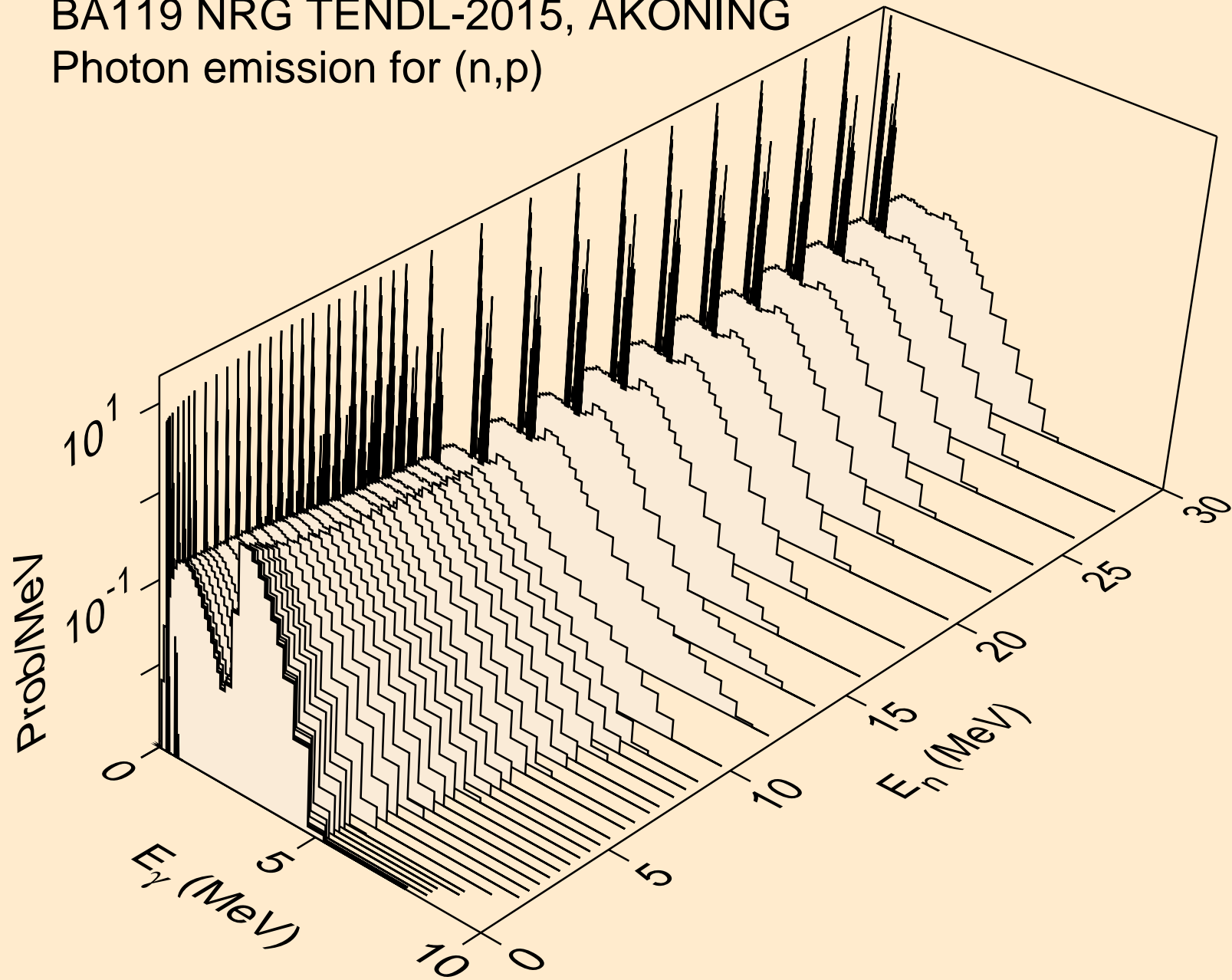




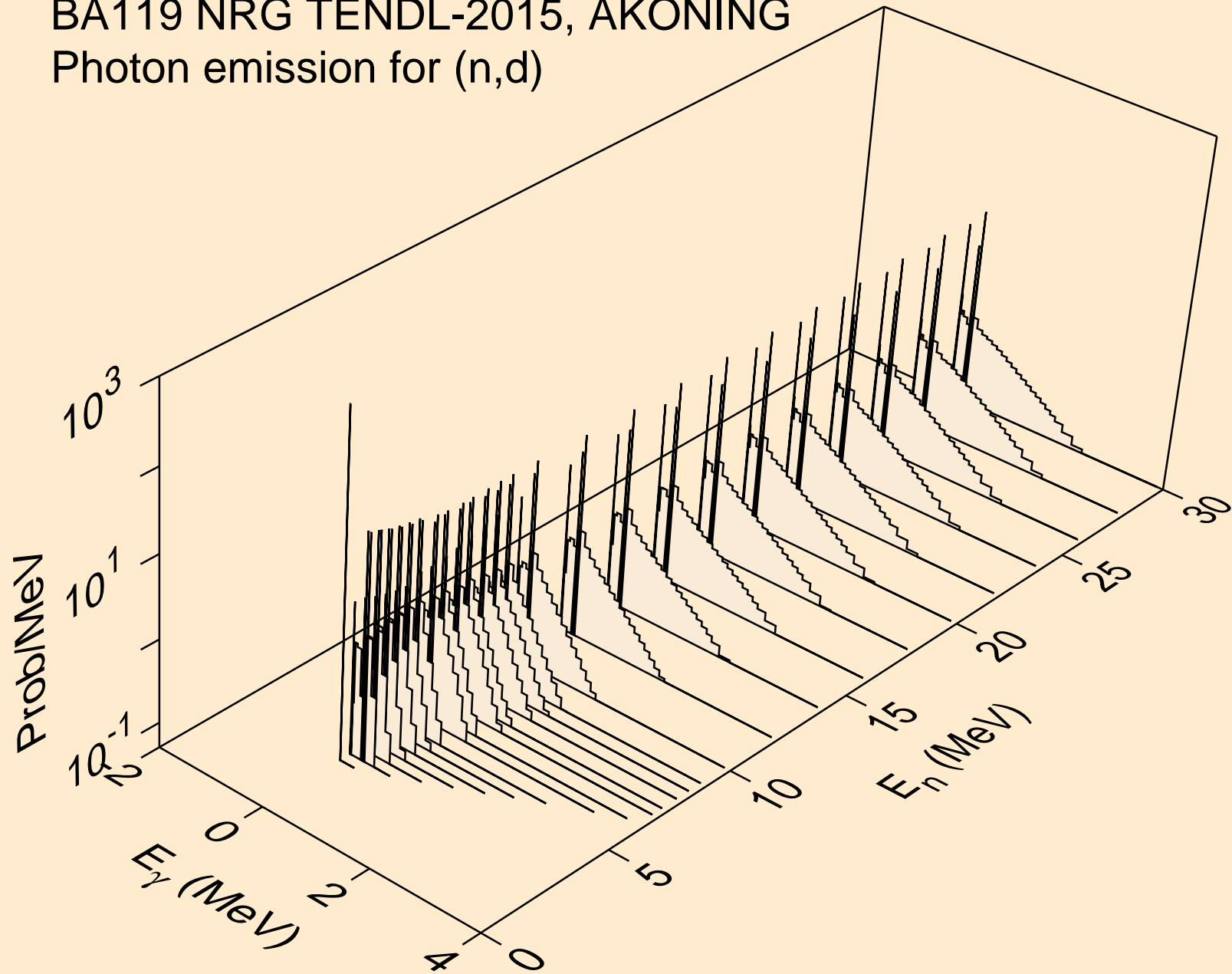
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



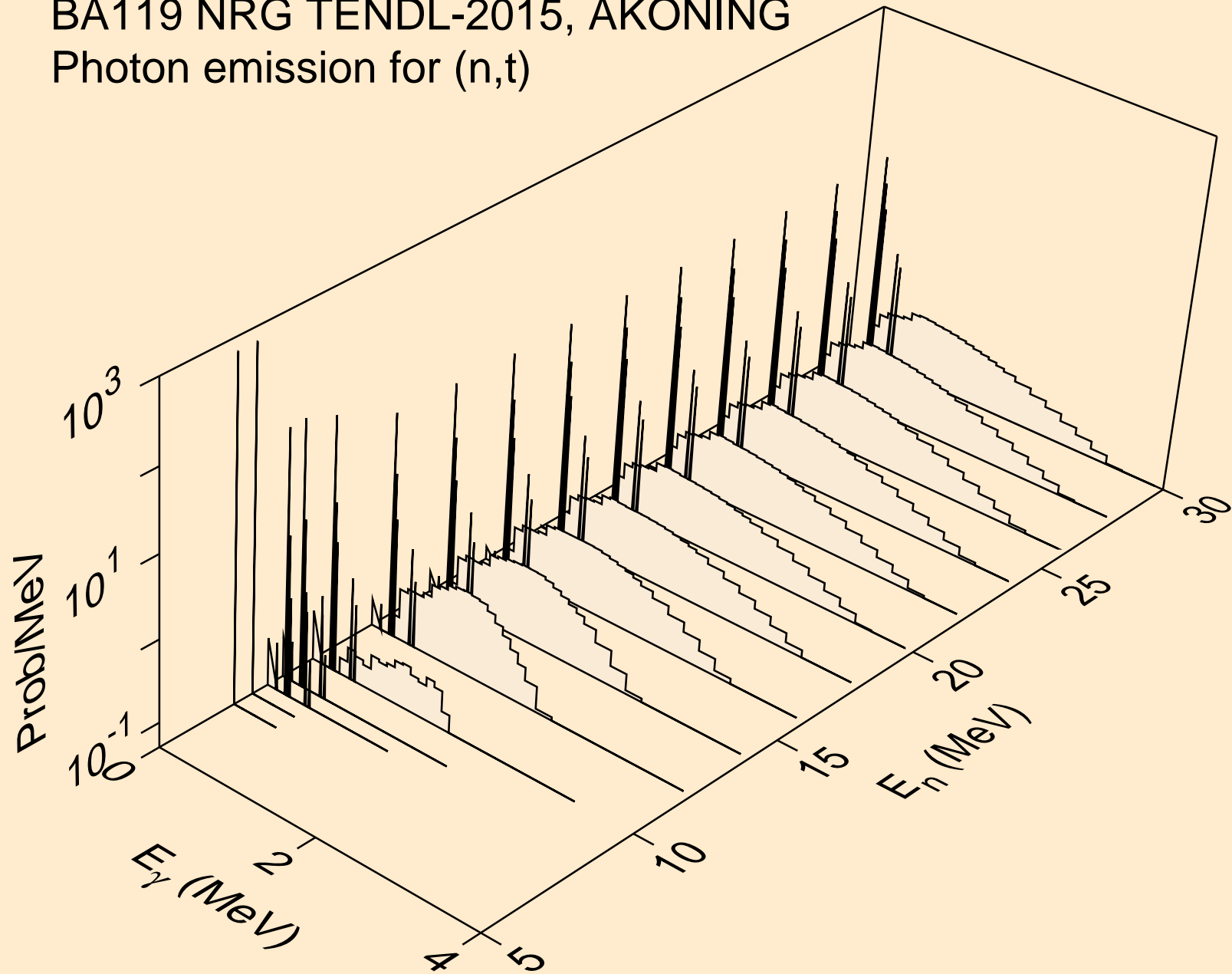
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



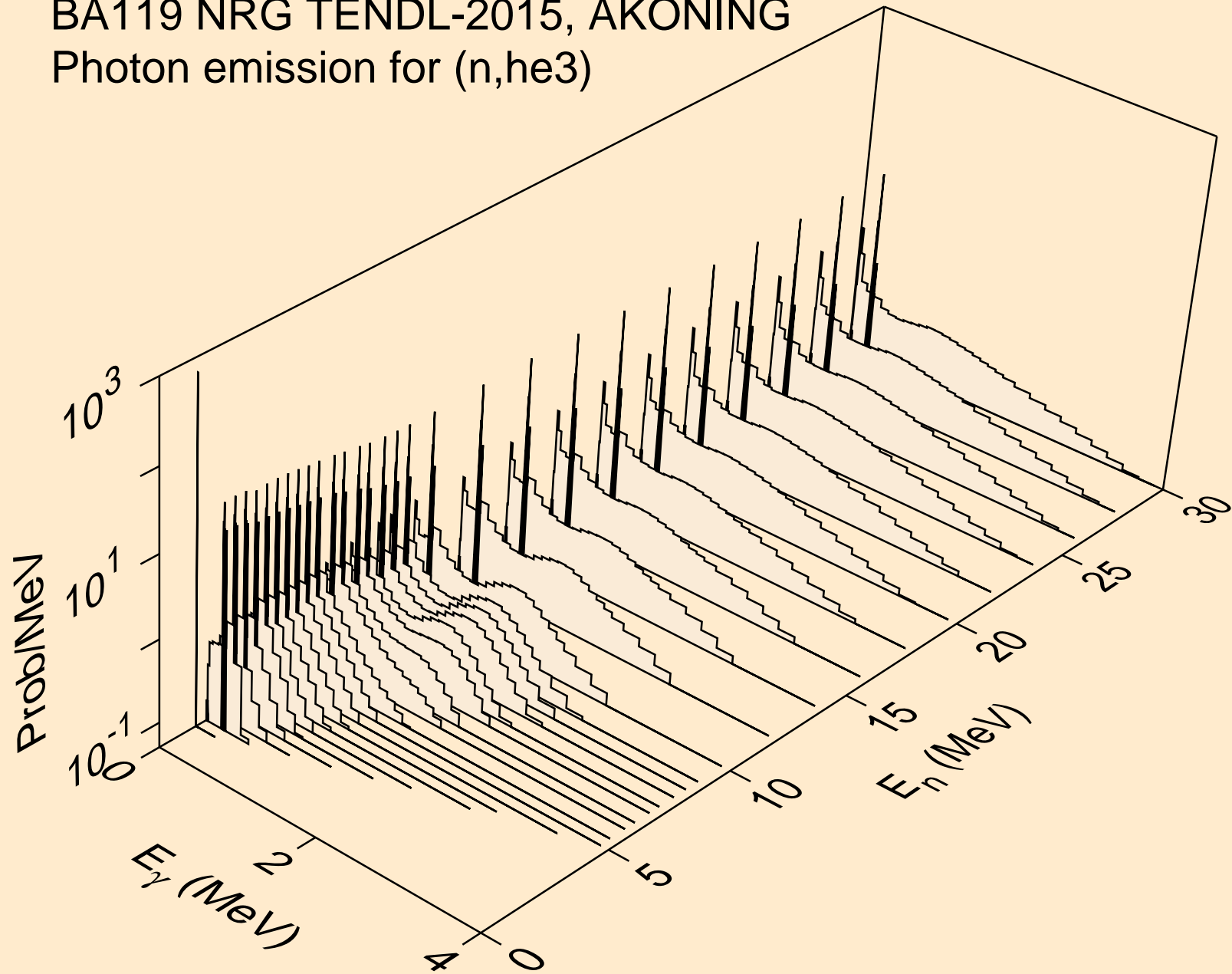
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



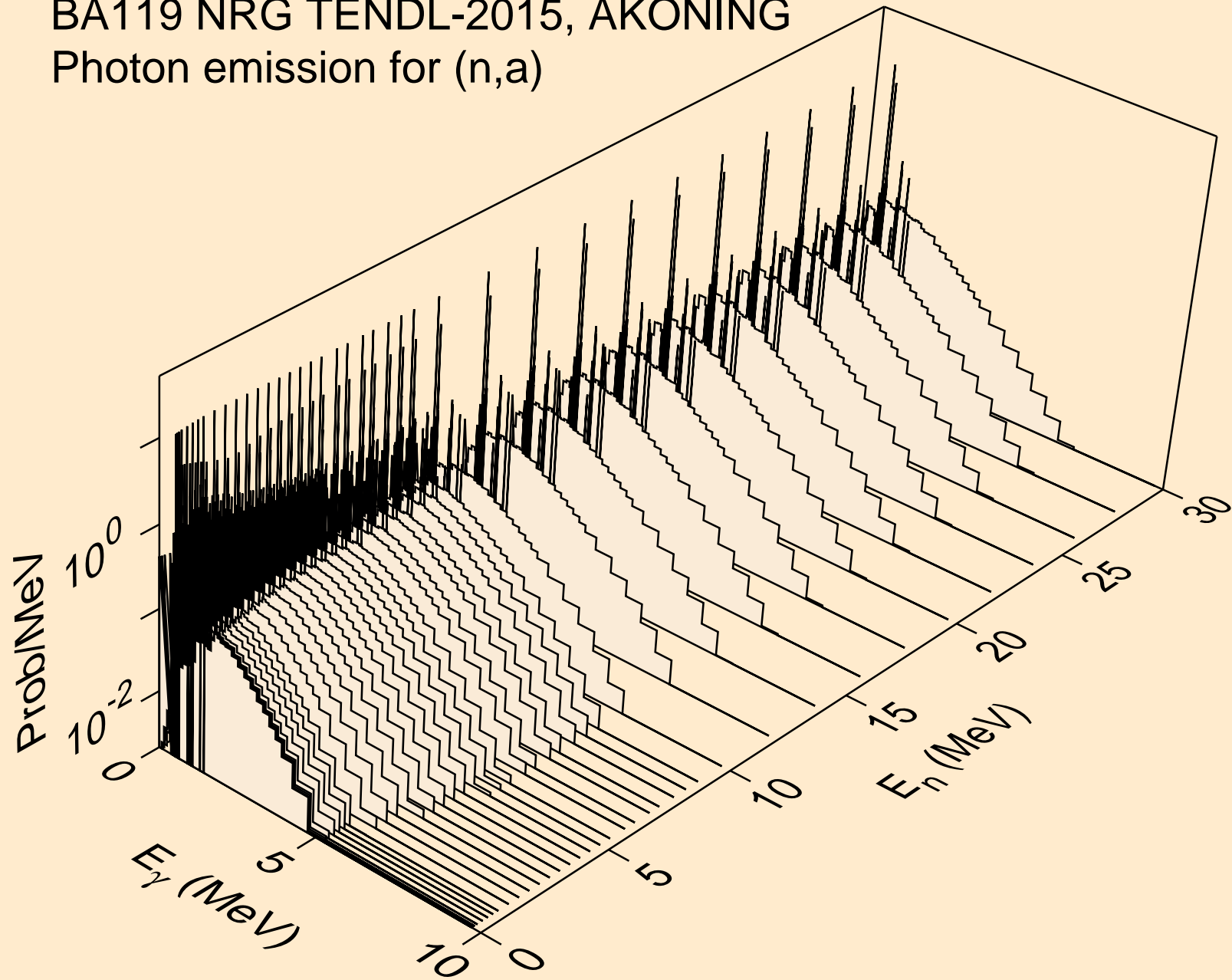
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



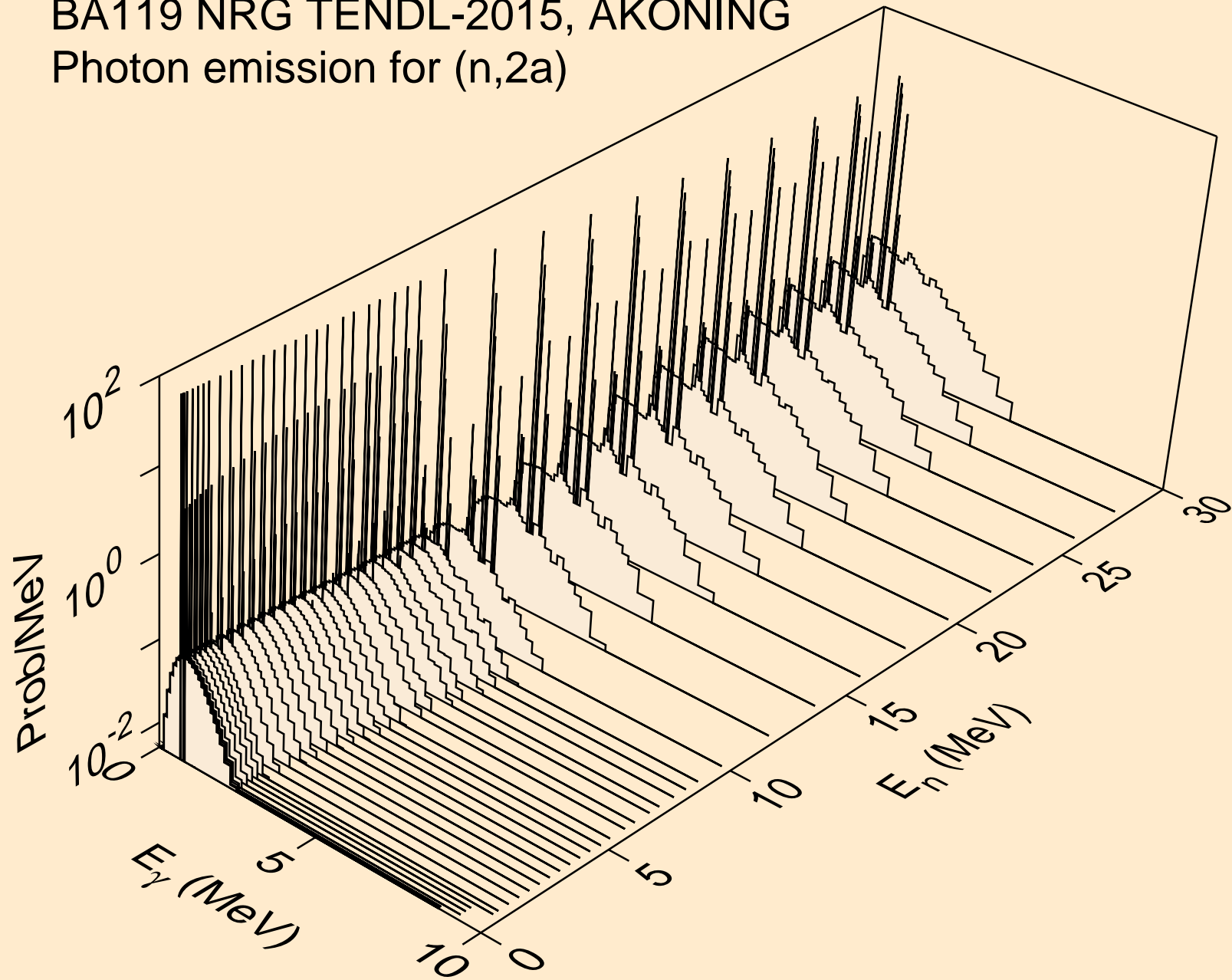
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



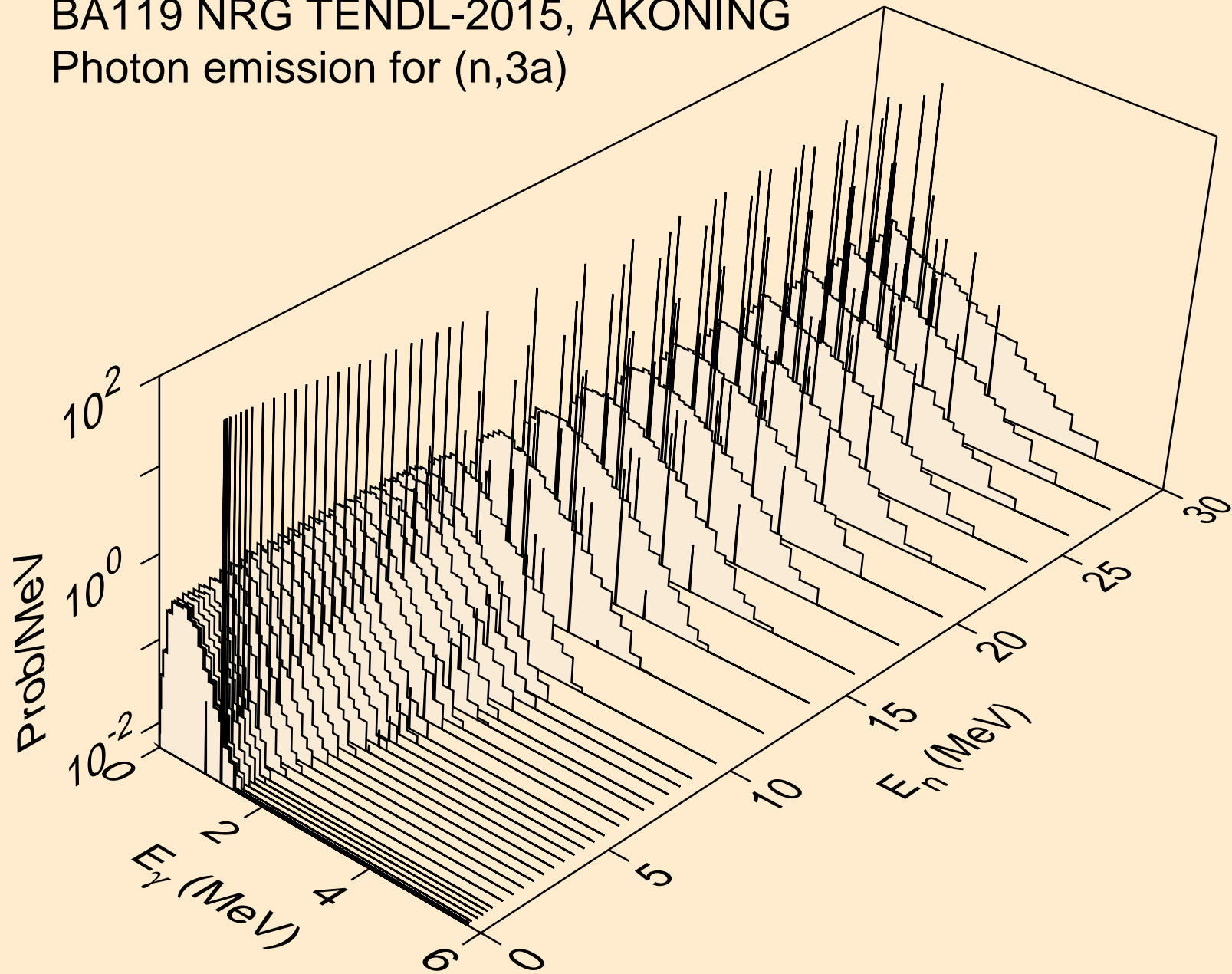
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)

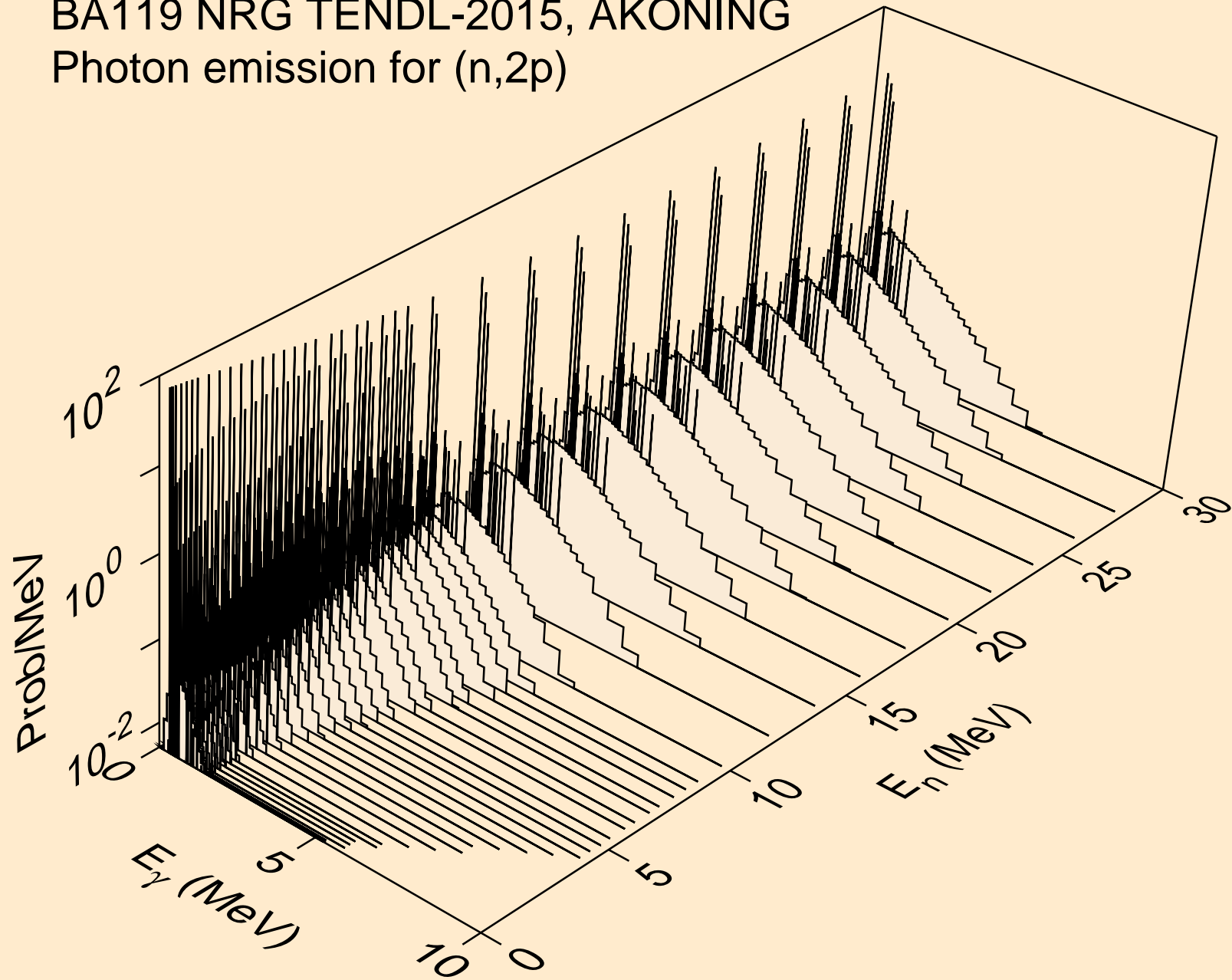


BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)

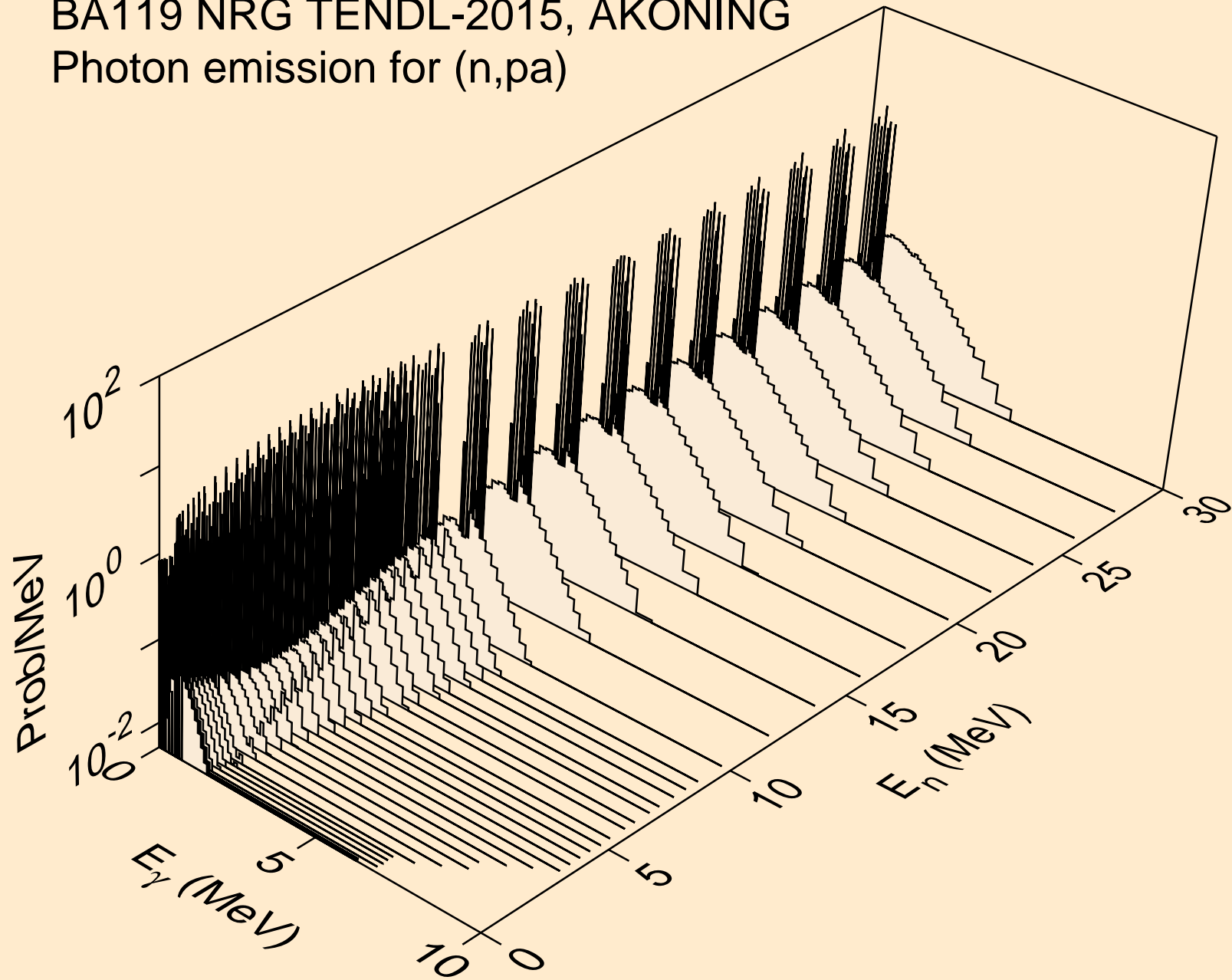




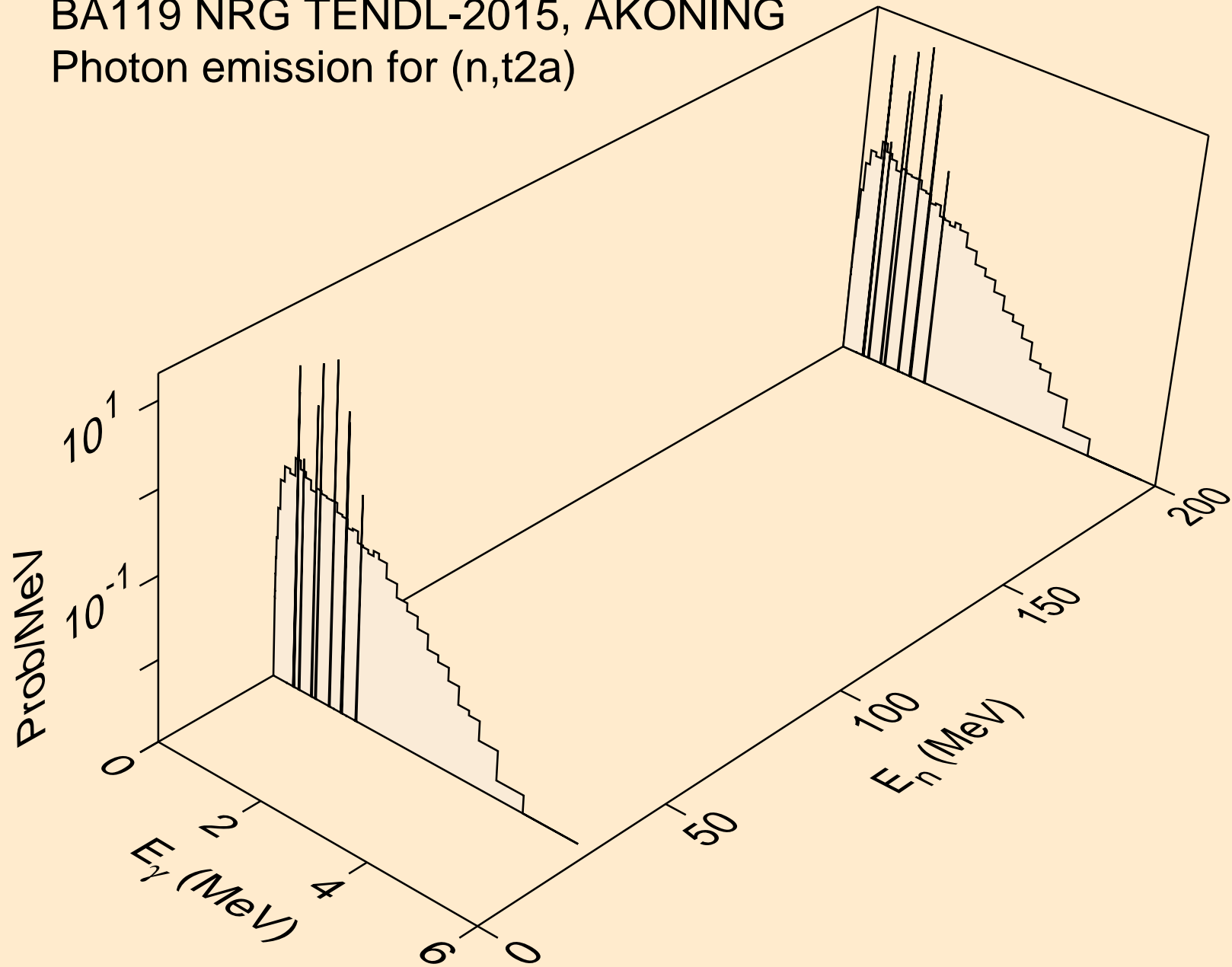
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



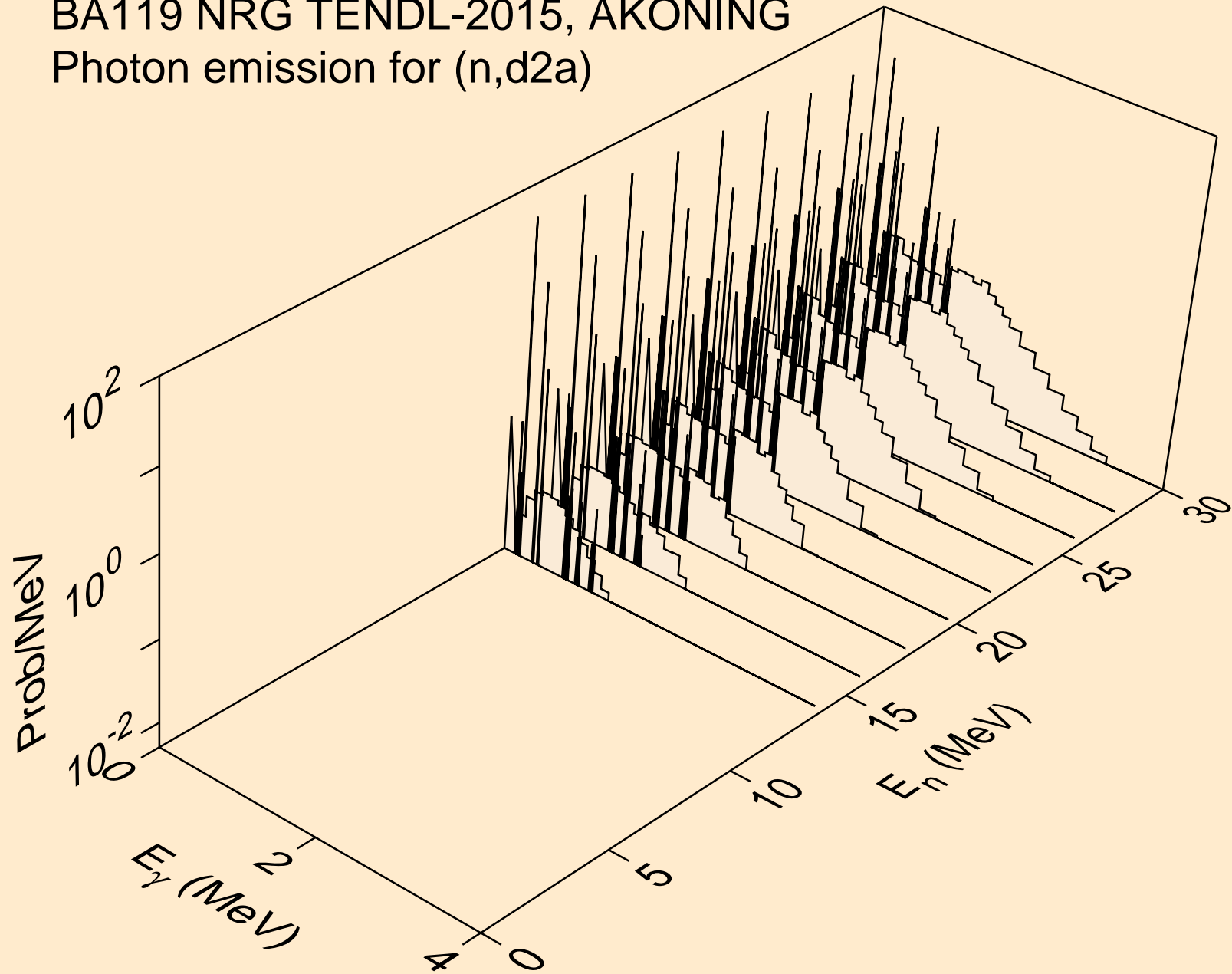
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )



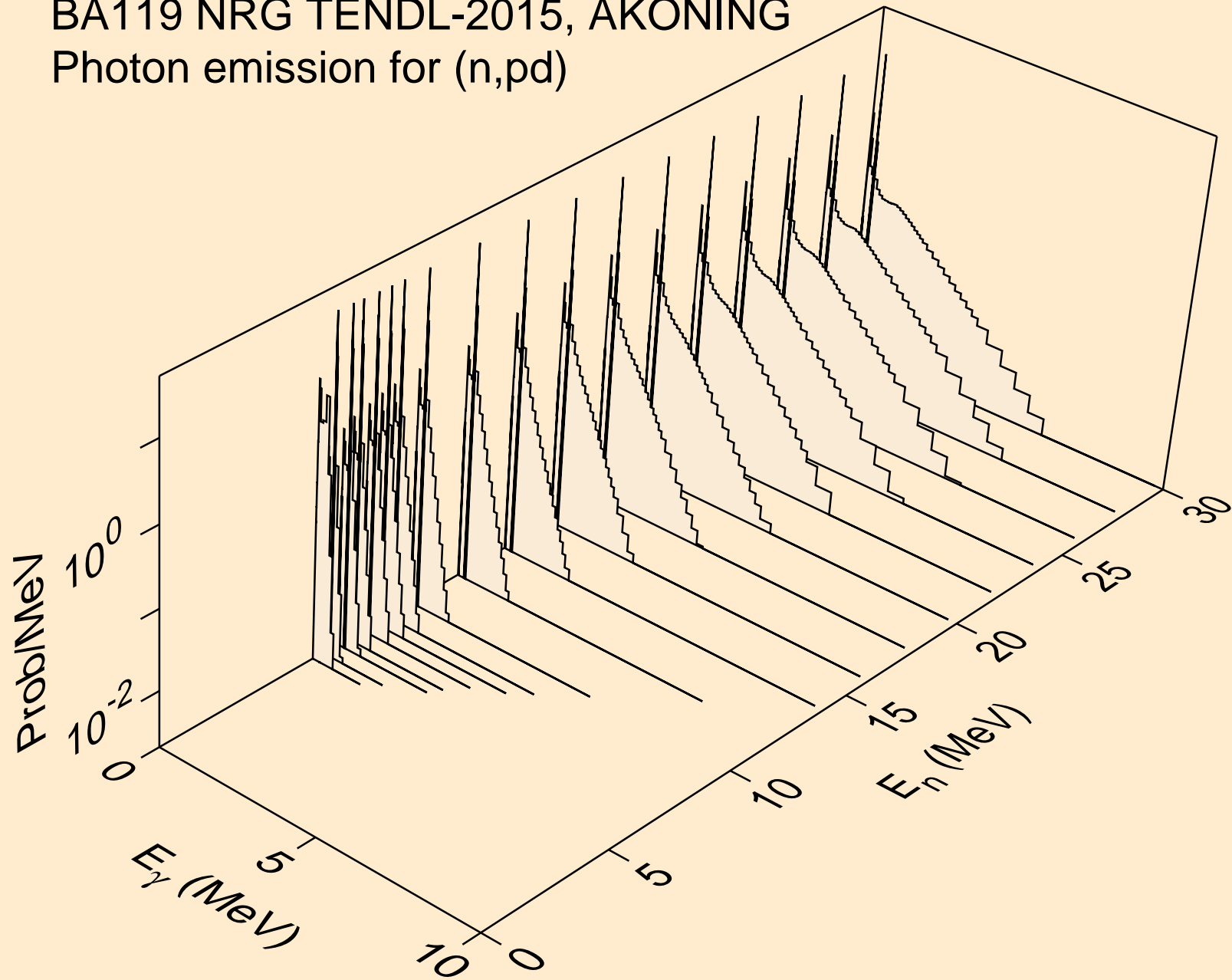
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



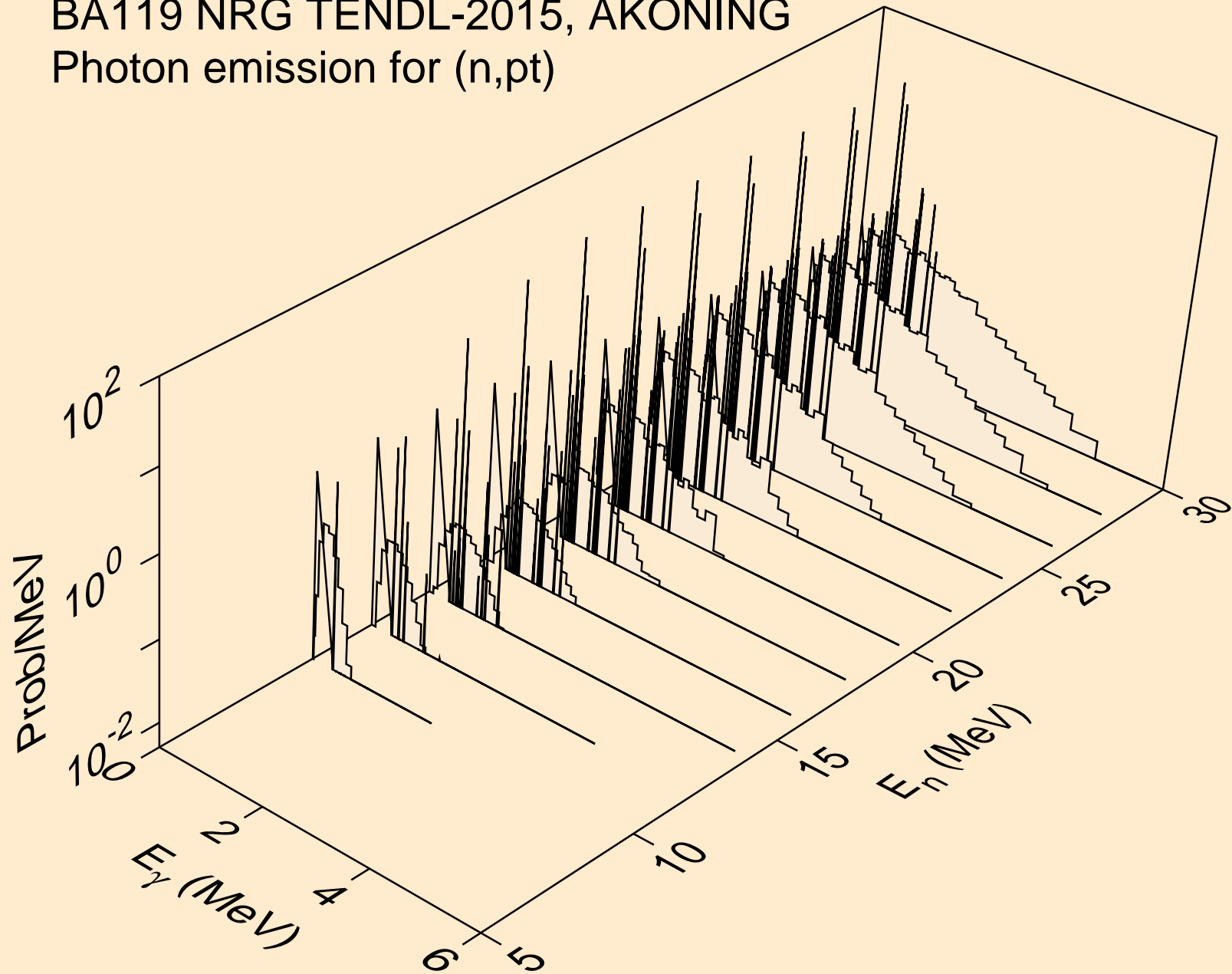
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



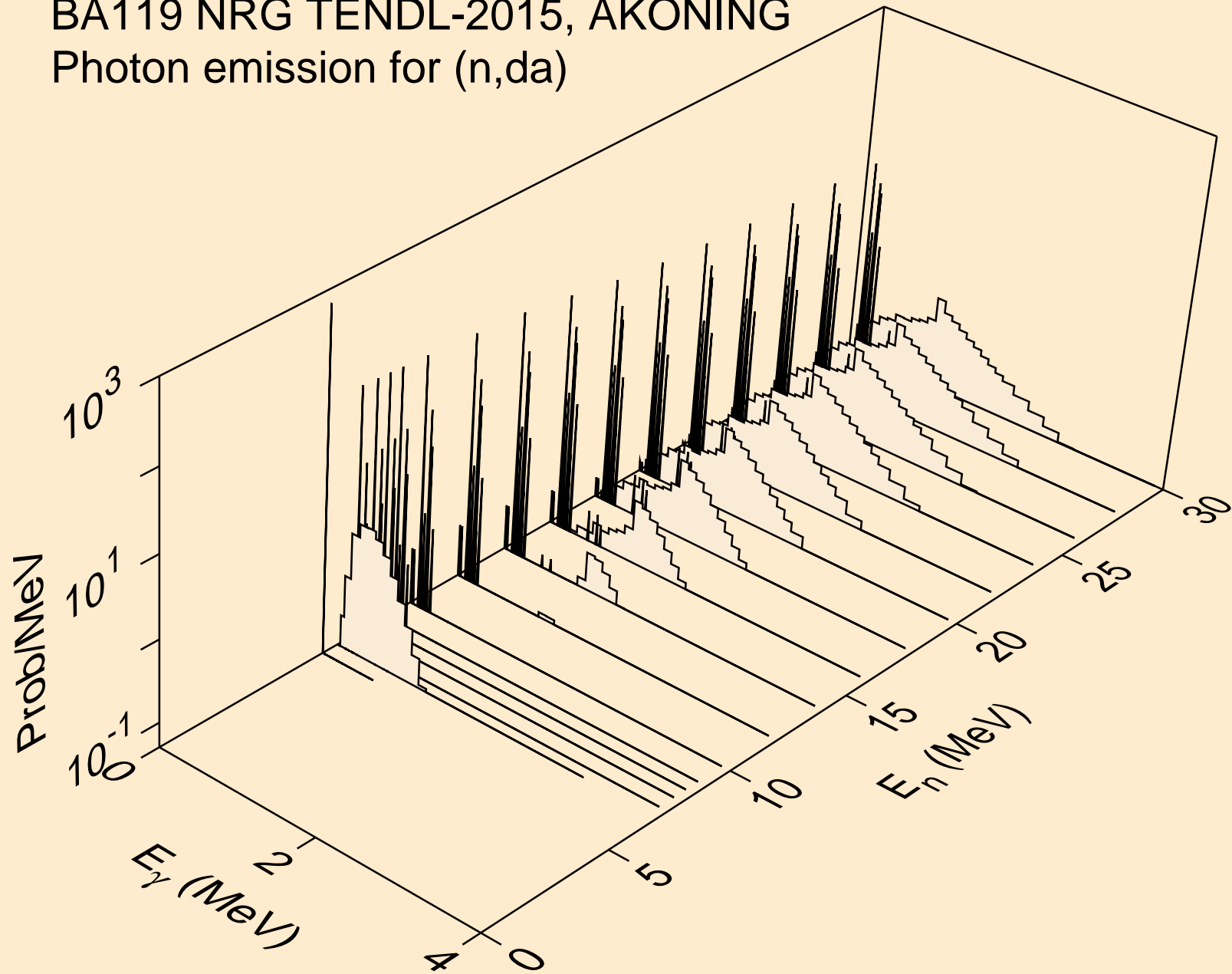
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



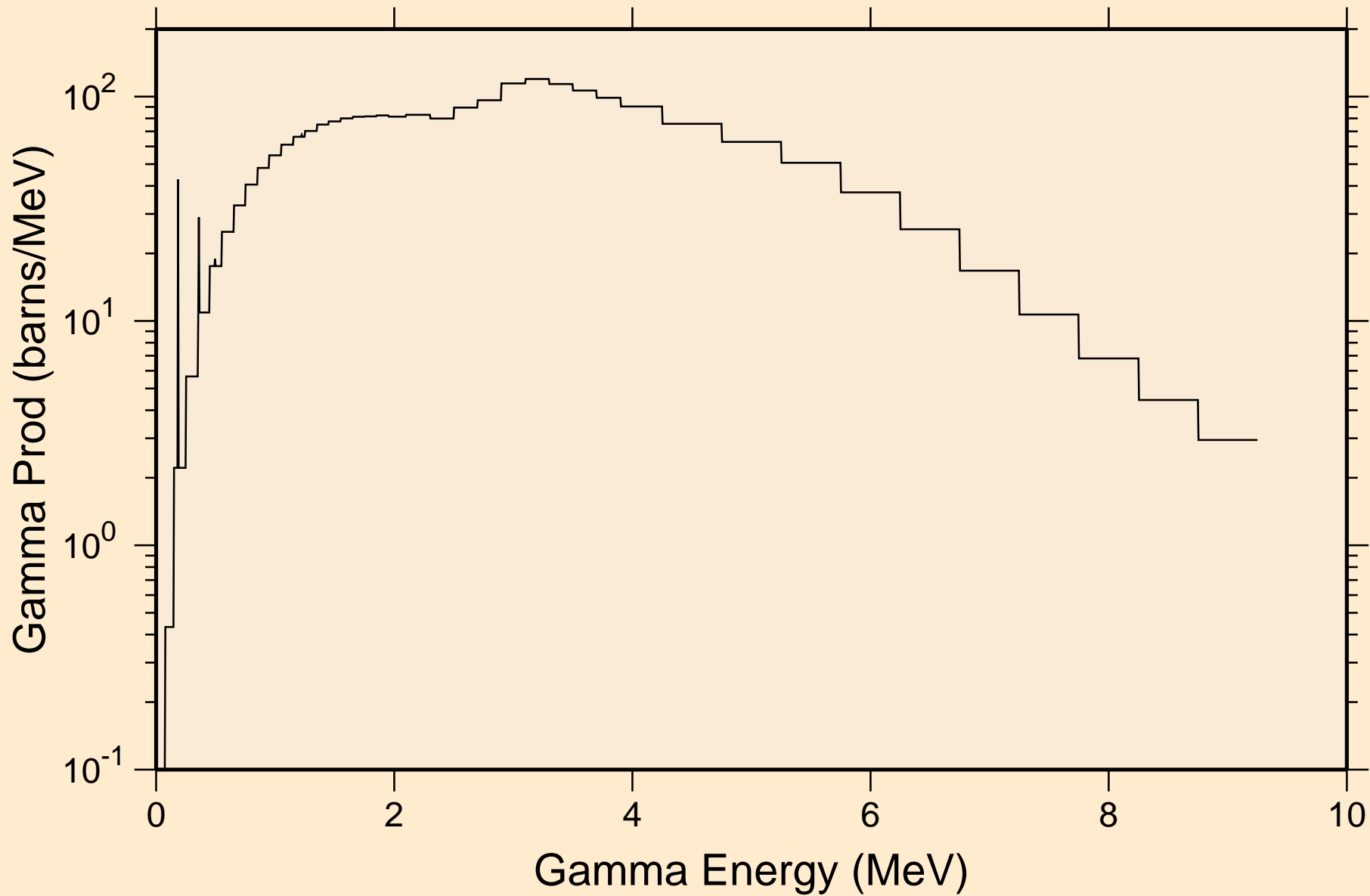
BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



BA119 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

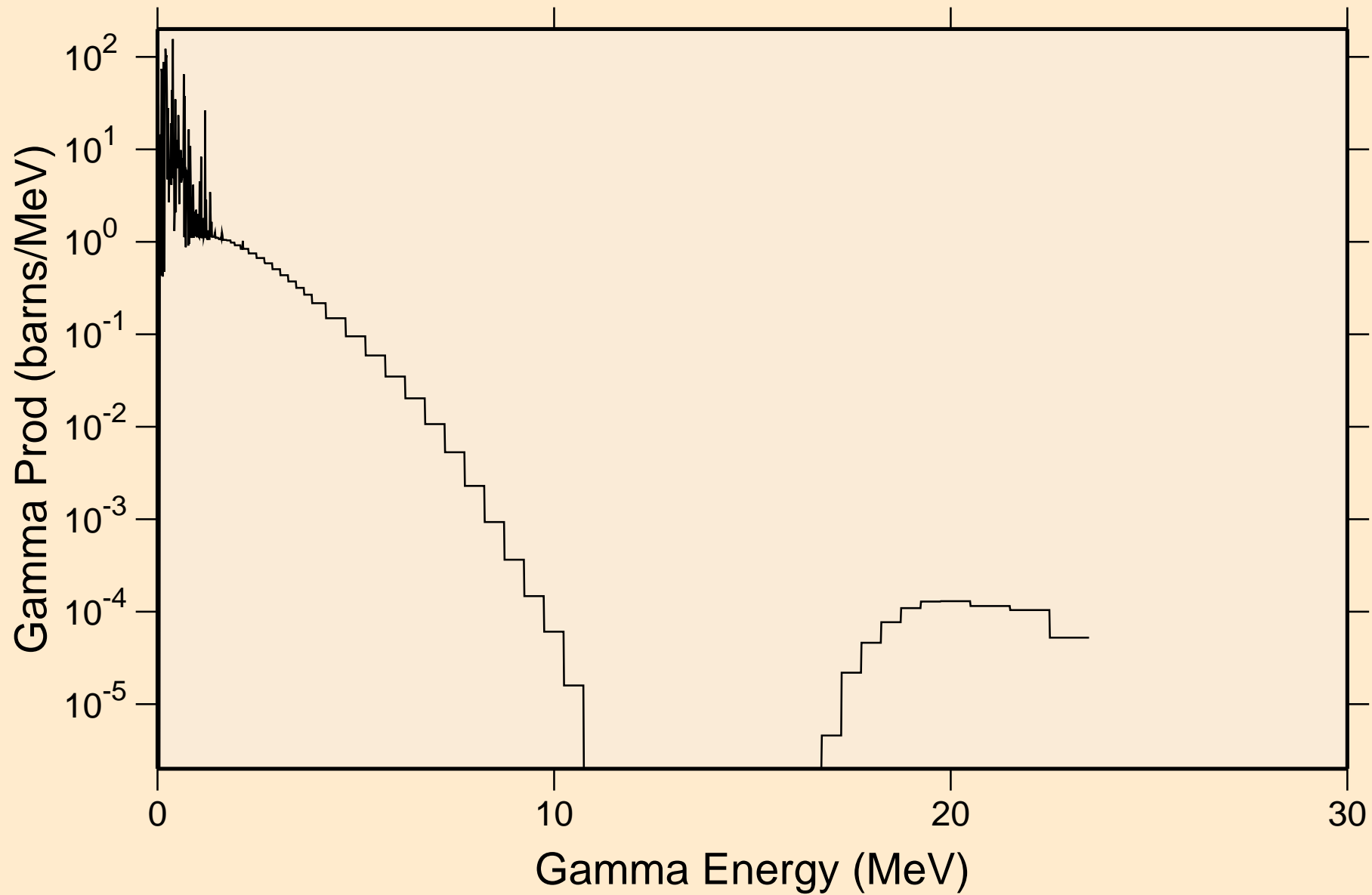


BA119 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



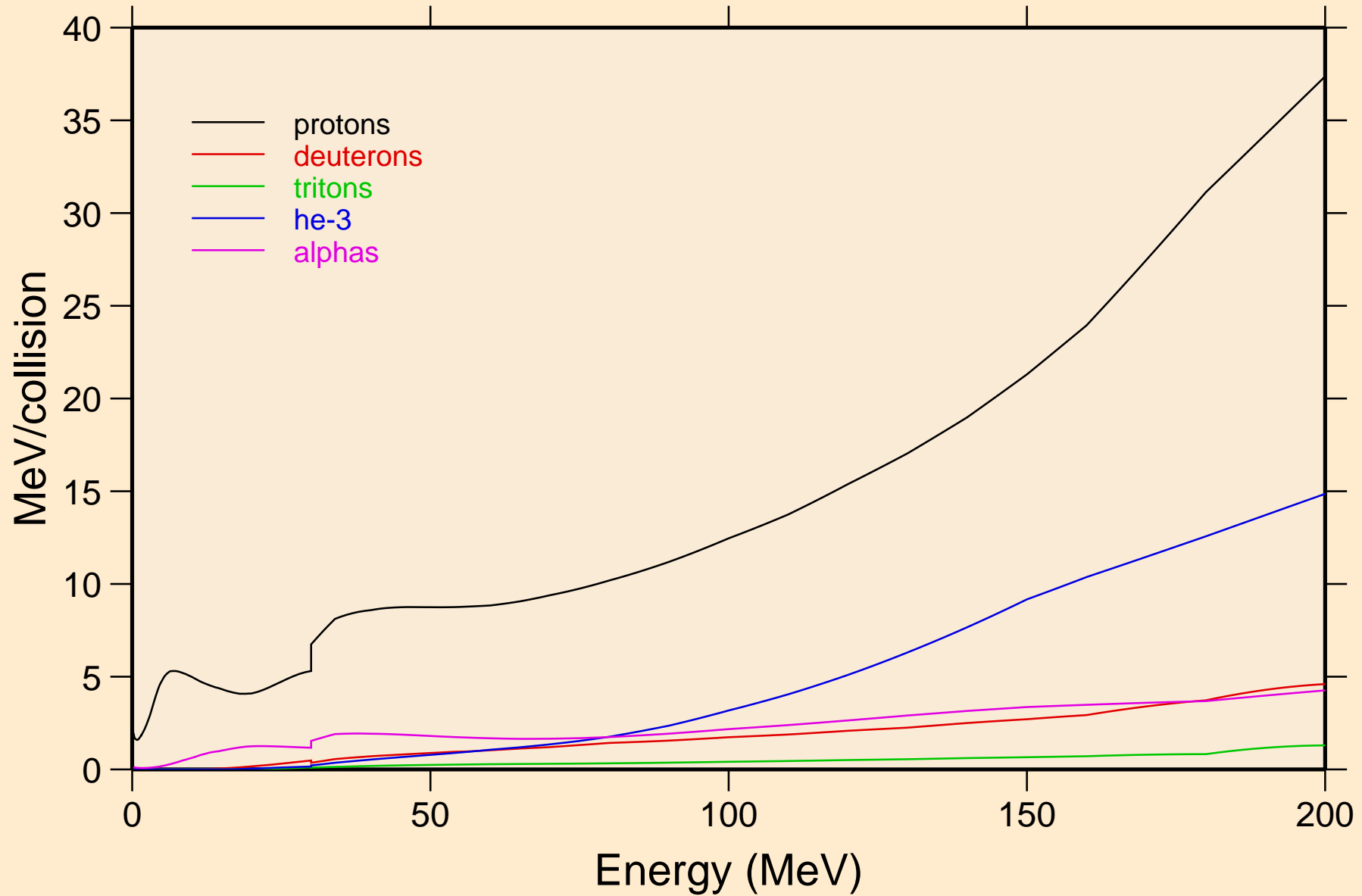


BA119 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



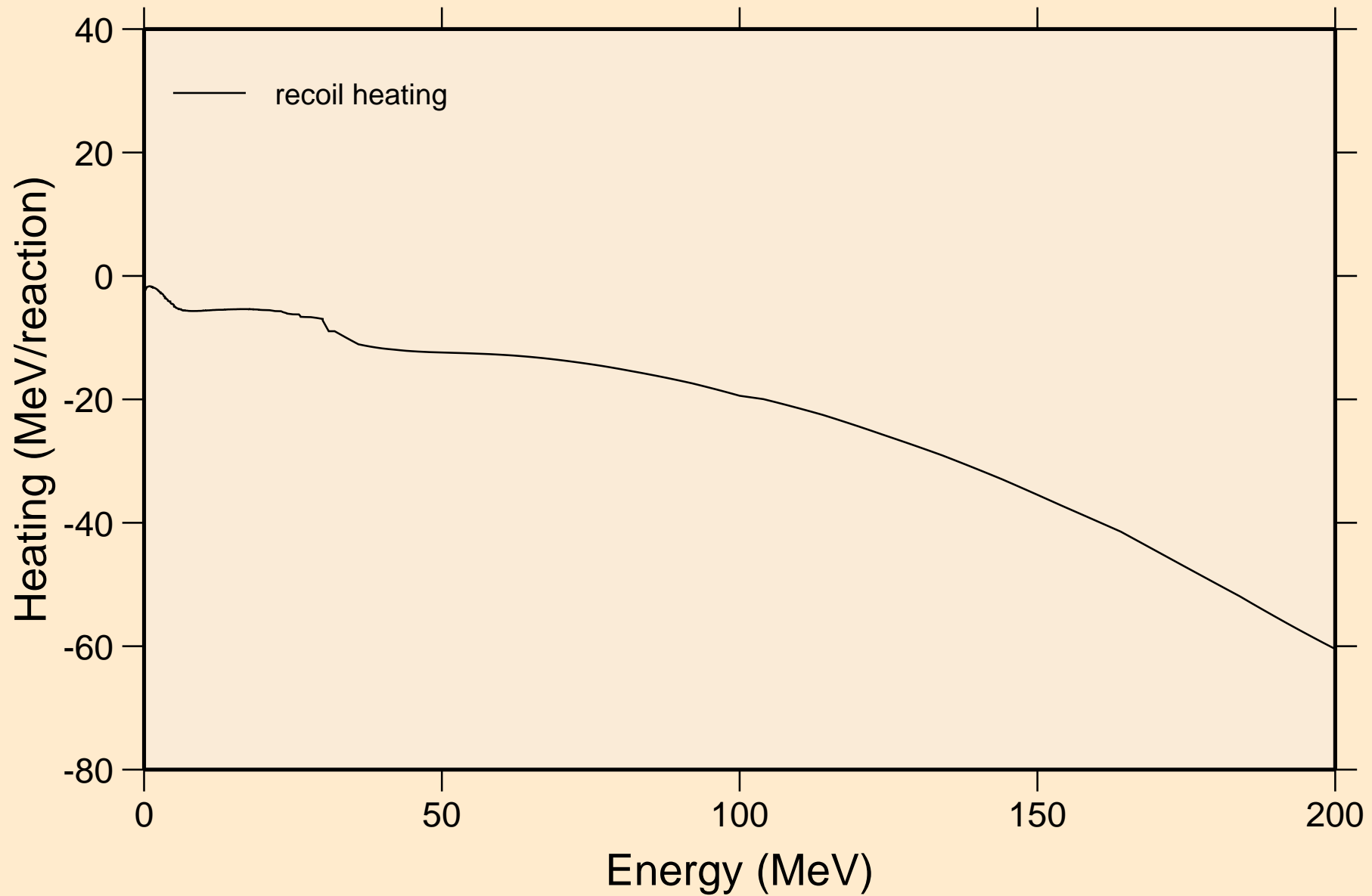
# BA119 NRG TENDL-2015, AKONING

## Particle heating contributions



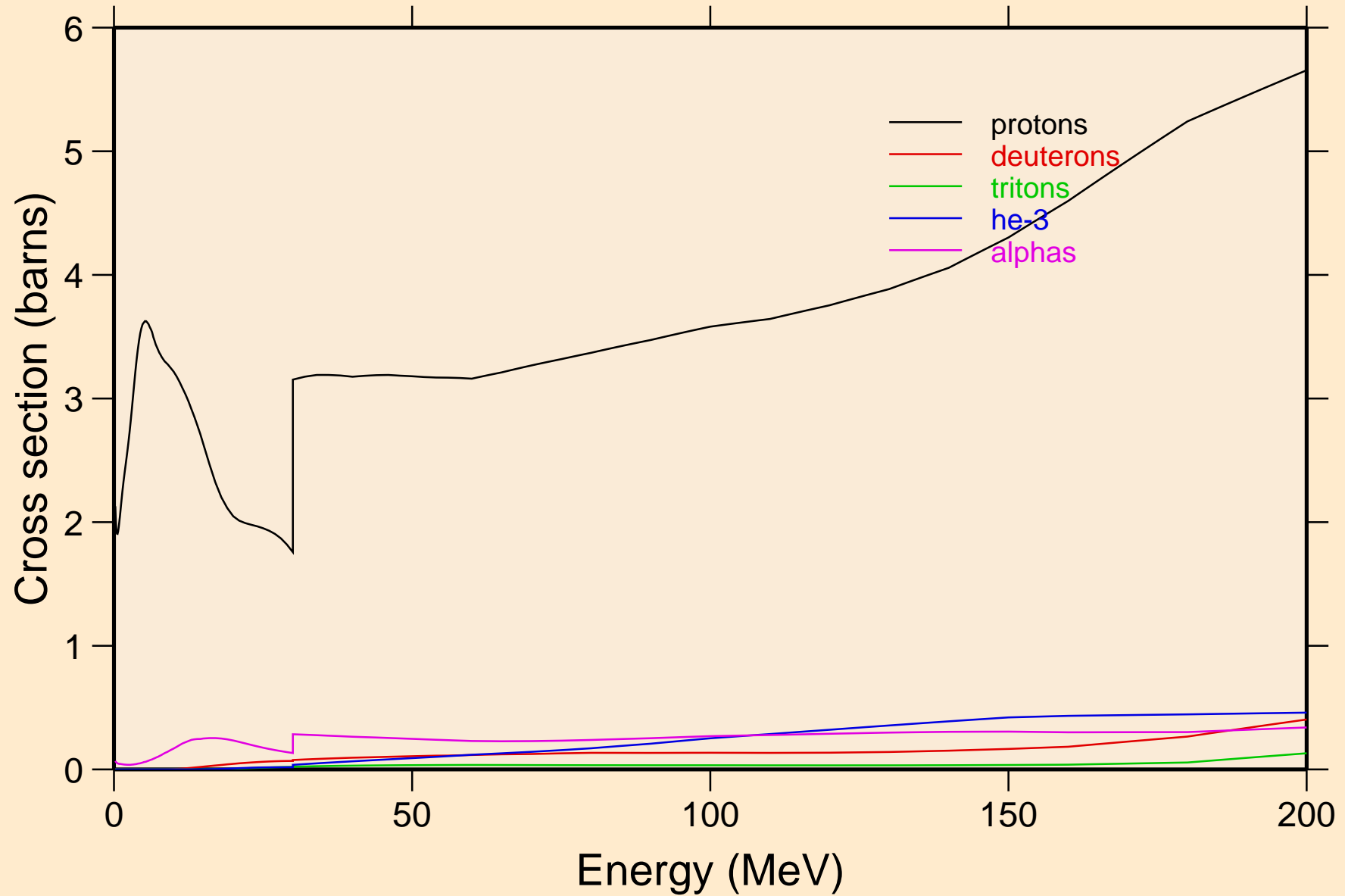
# BA119 NRG TENDL-2015, AKONING

## Recoil Heating

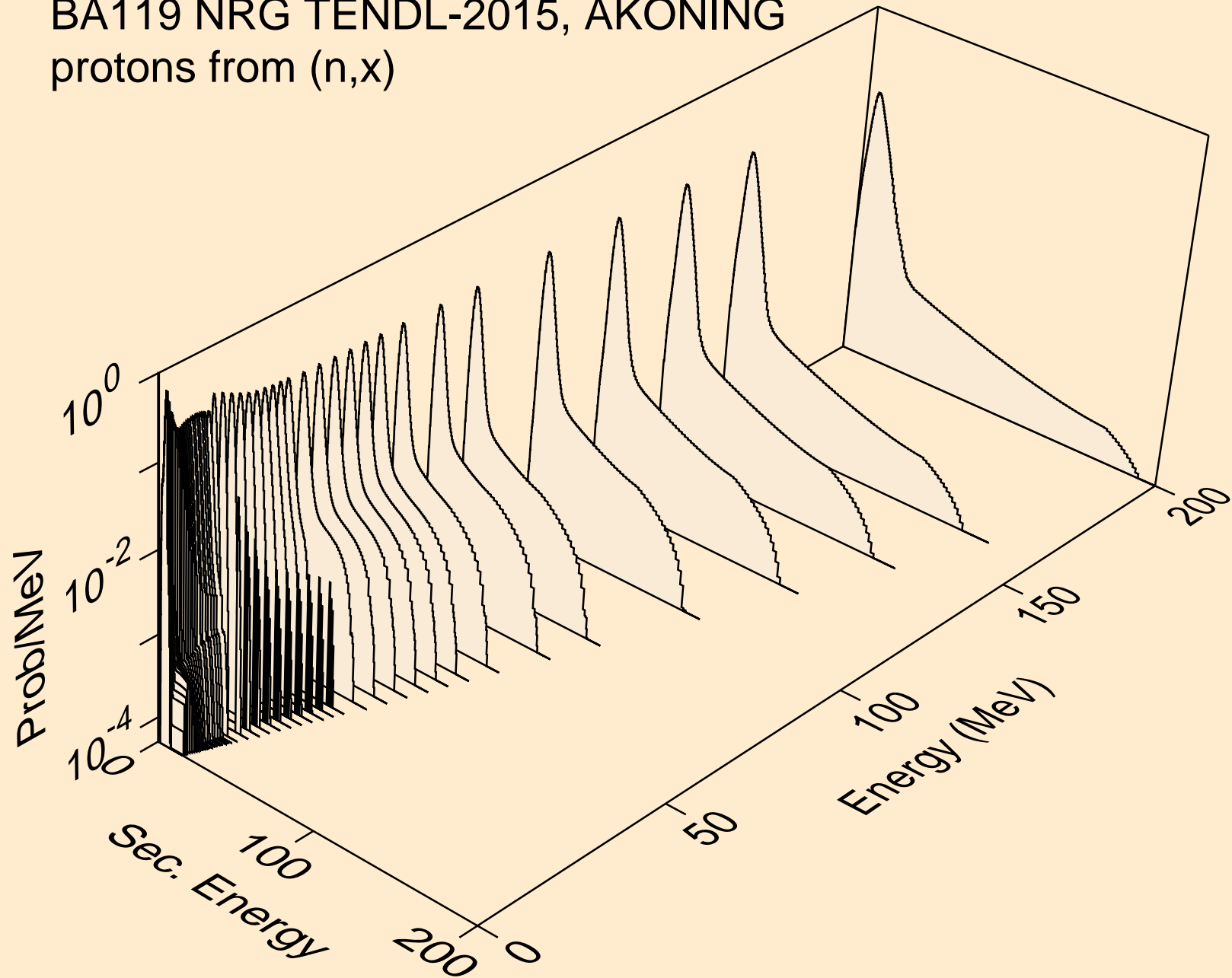


# BA119 NRG TENDL-2015, AKONING

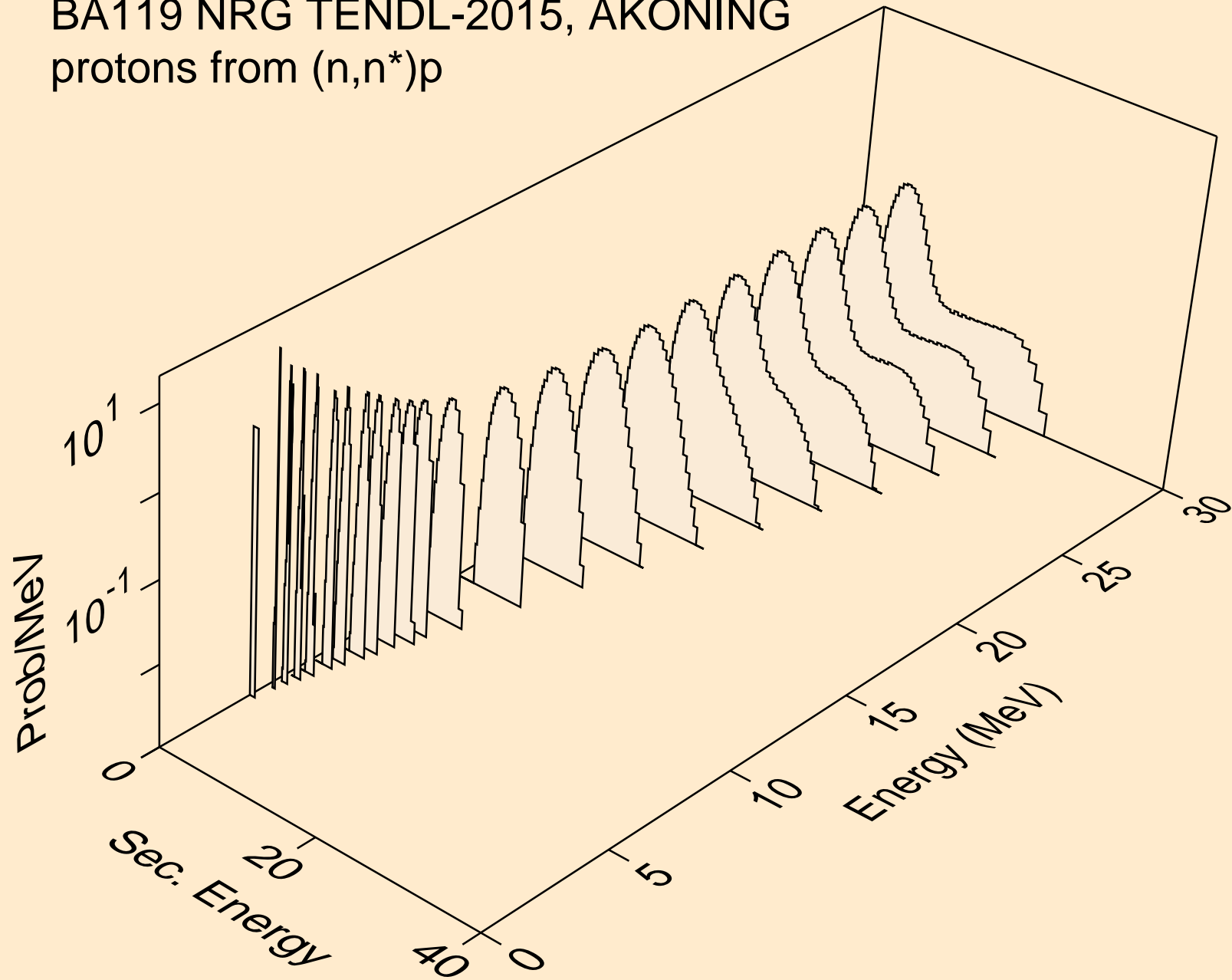
## Particle production cross sections



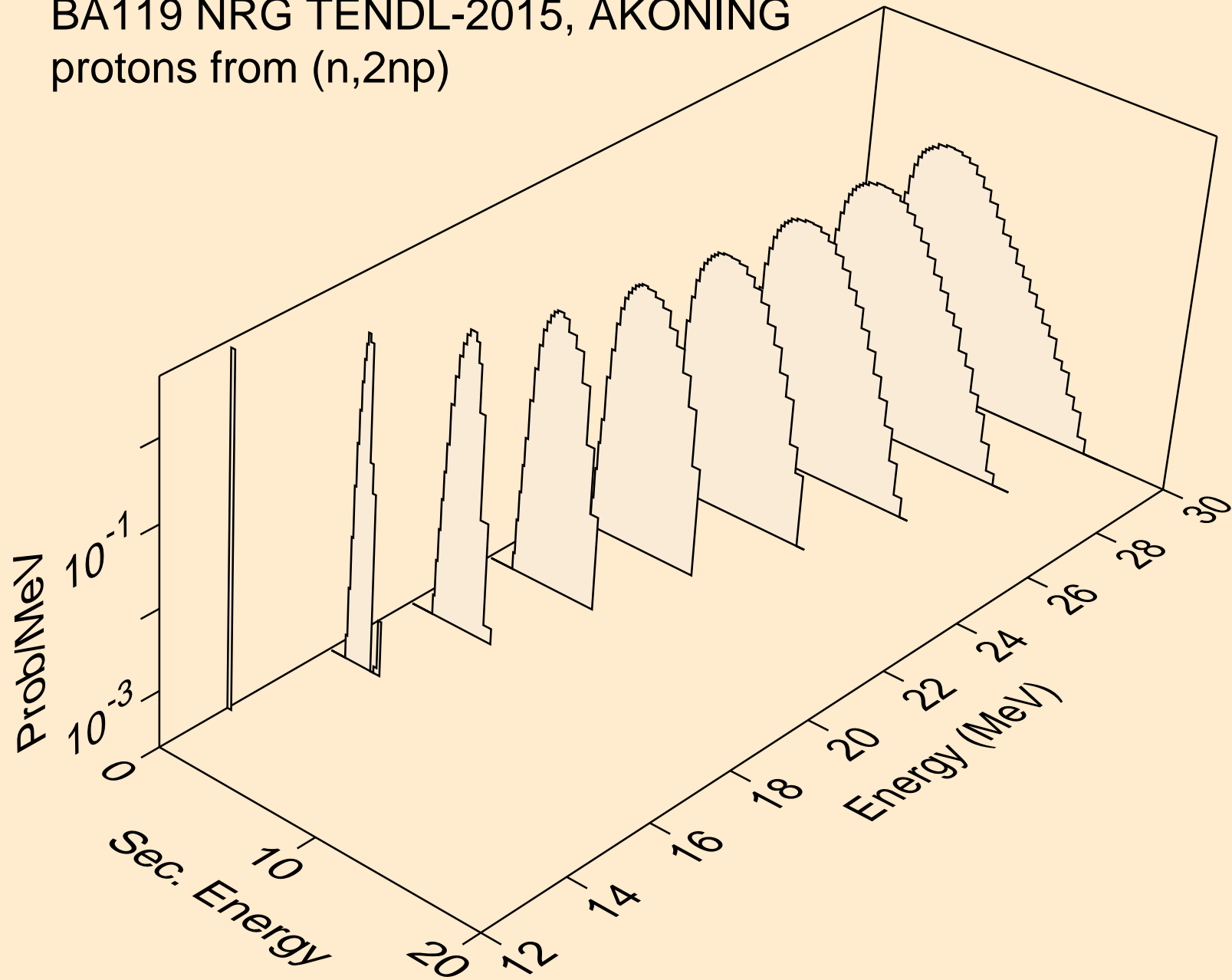
BA119 NRG TENDL-2015, AKONING  
protons from (n,x)



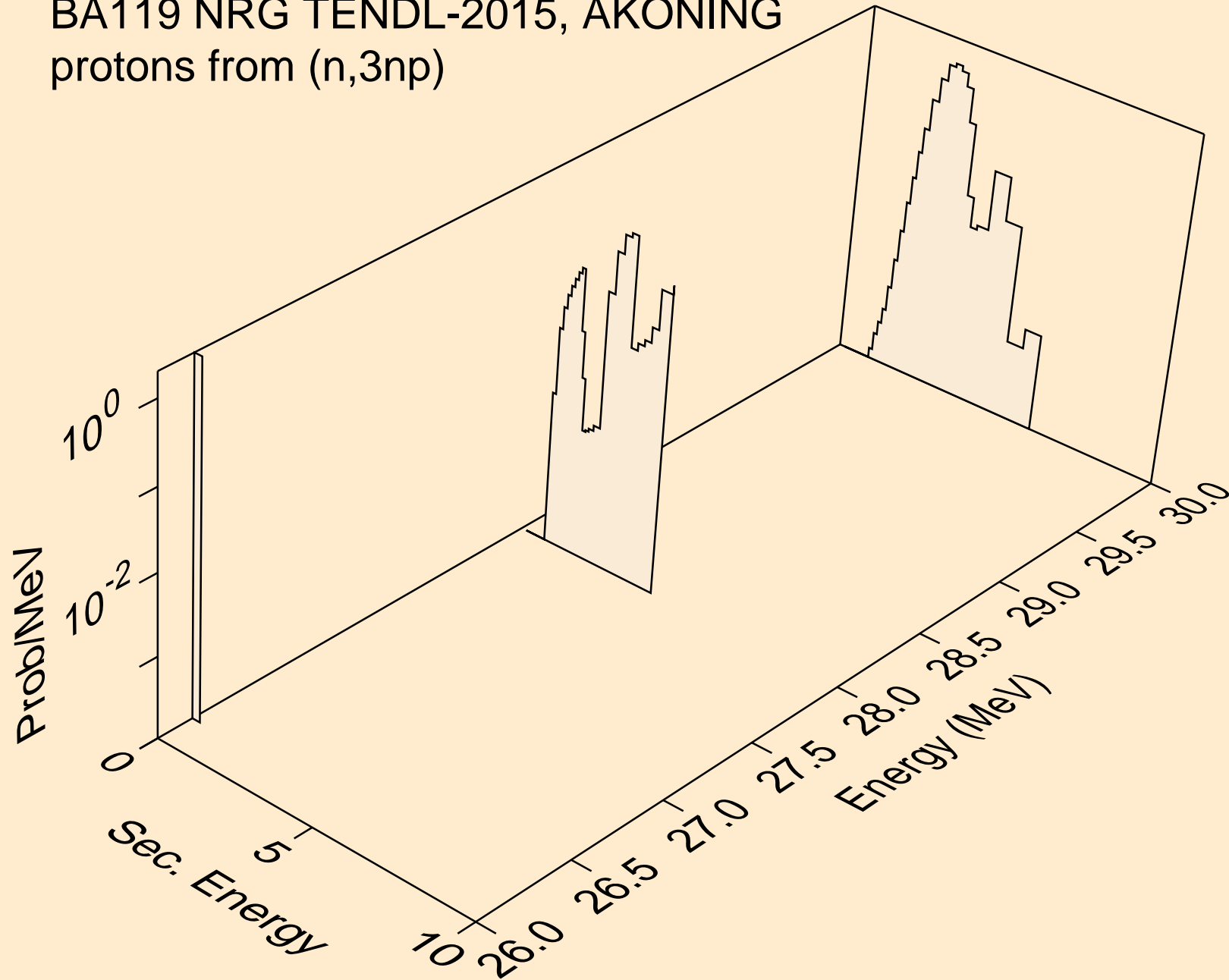
BA119 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



BA119 NRG TENDL-2015, AKONING  
protons from (n,2np)

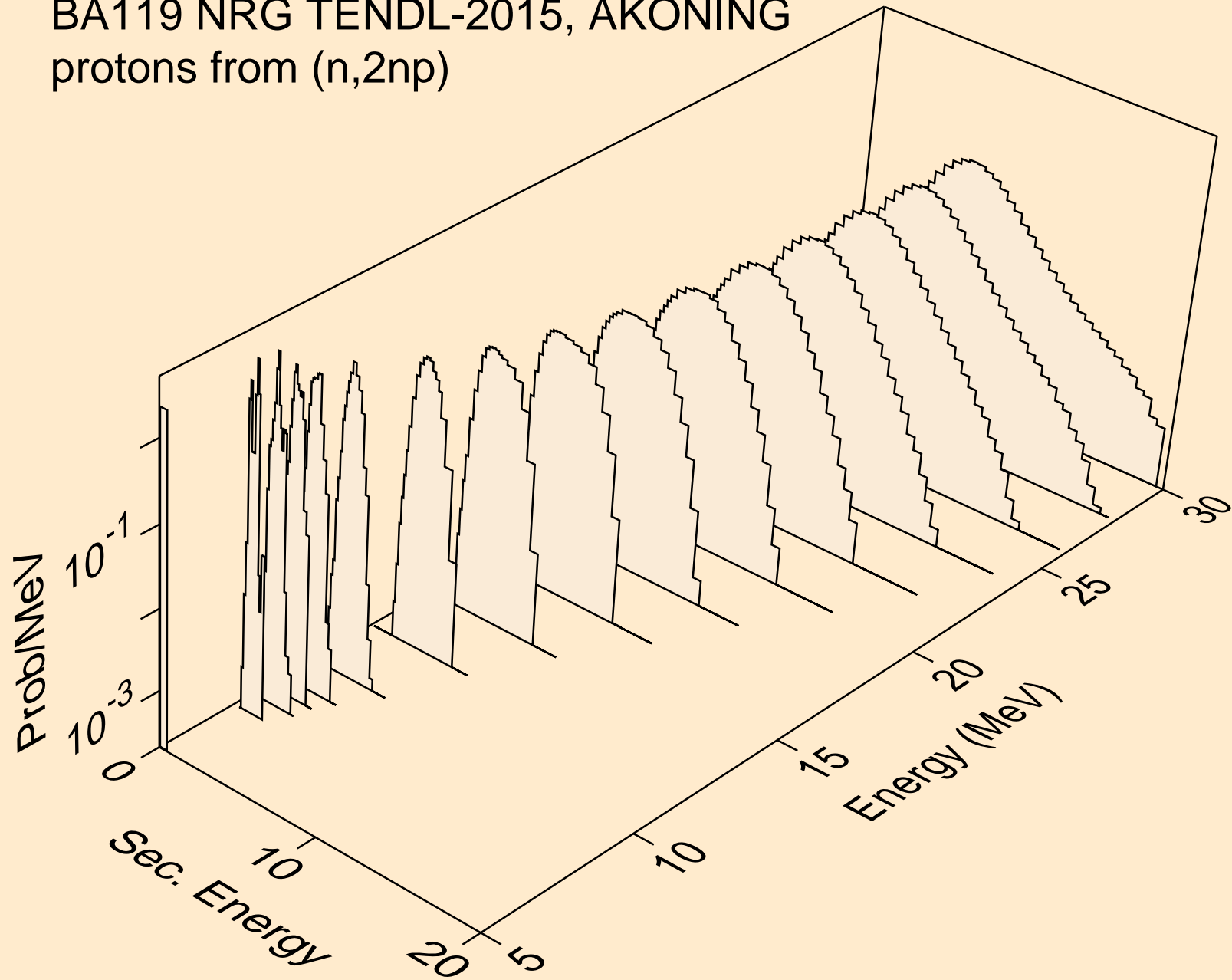


BA119 NRG TENDL-2015, AKONING  
protons from (n,3np)

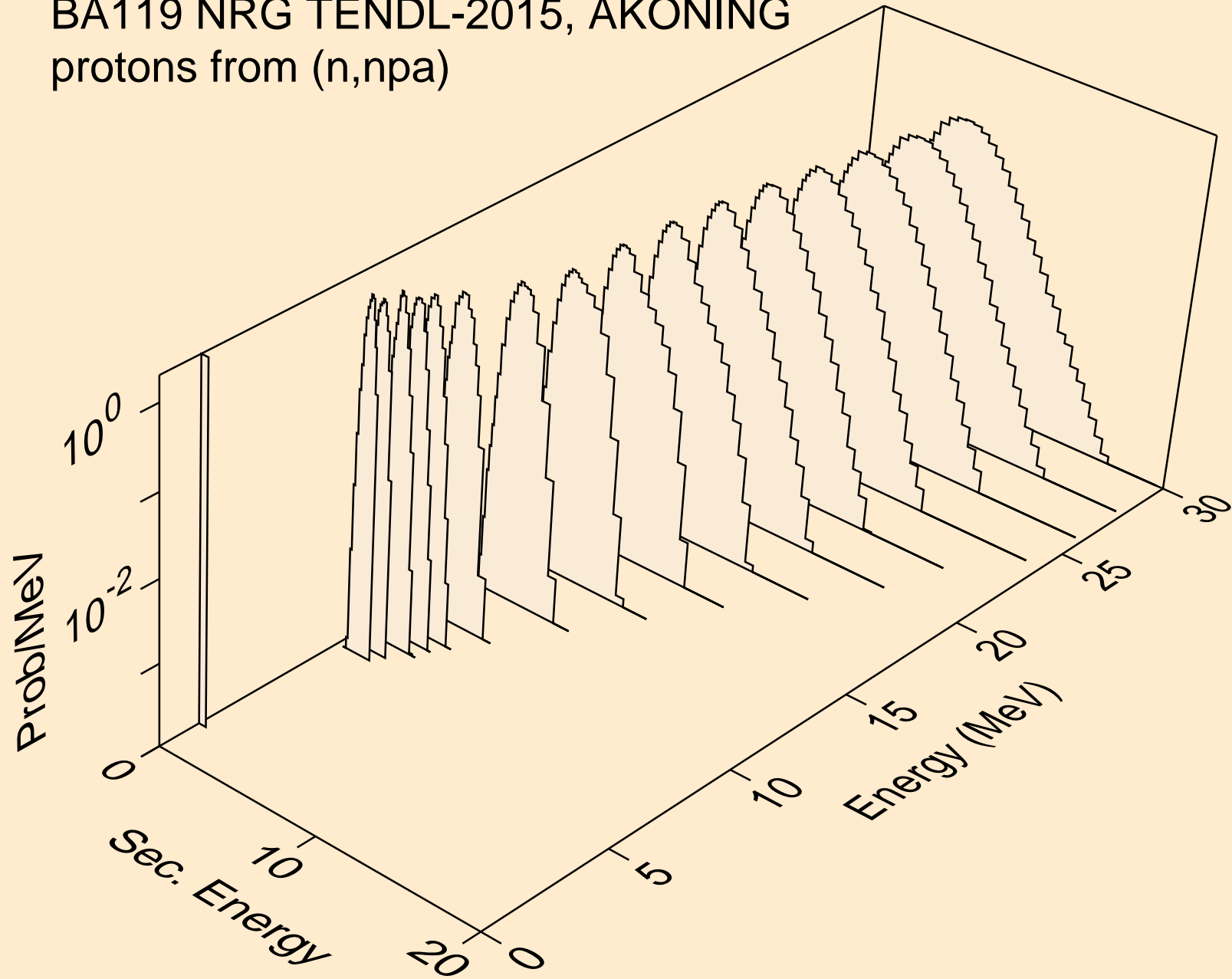




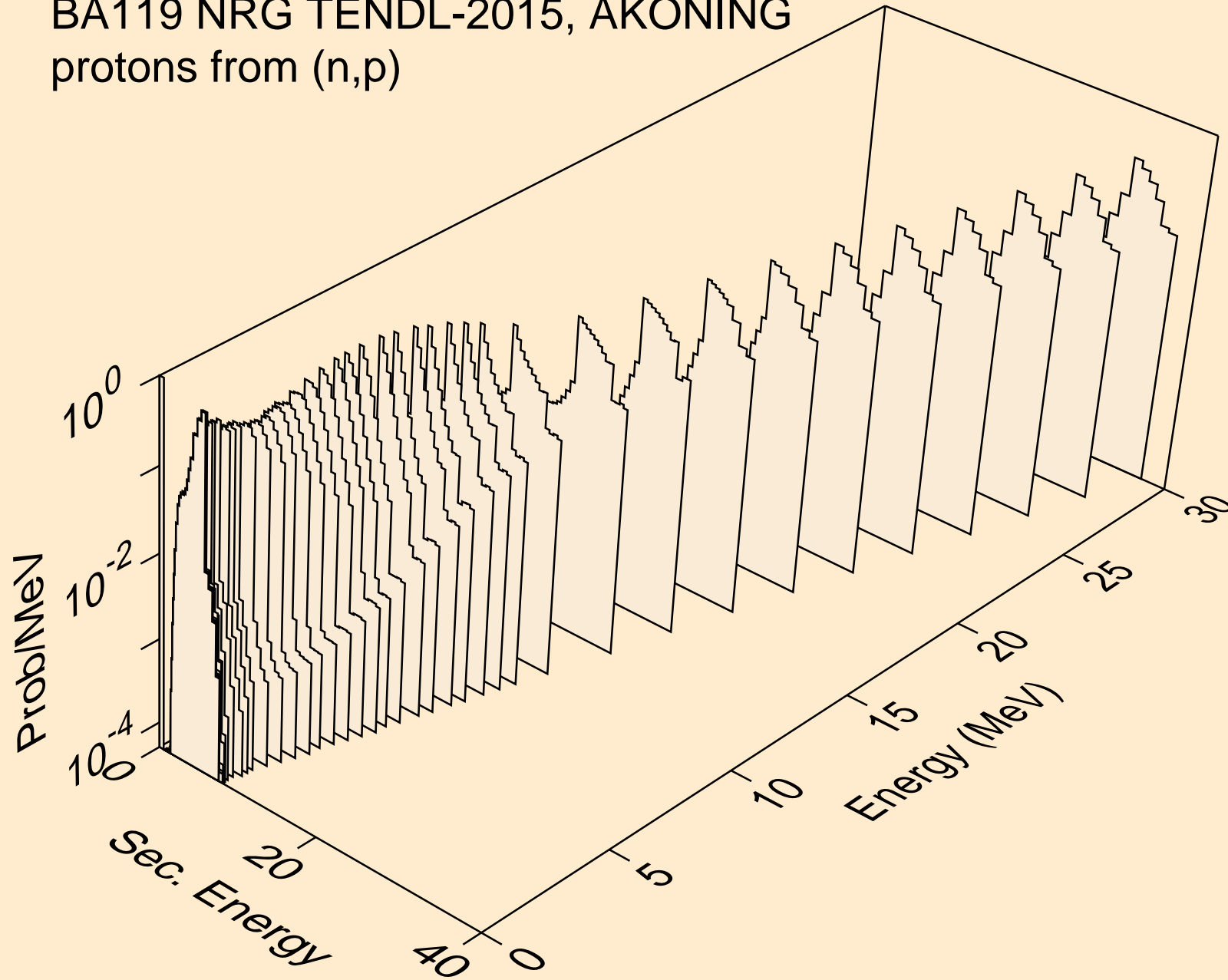
BA119 NRG TENDL-2015, AKONING  
protons from (n,2np)



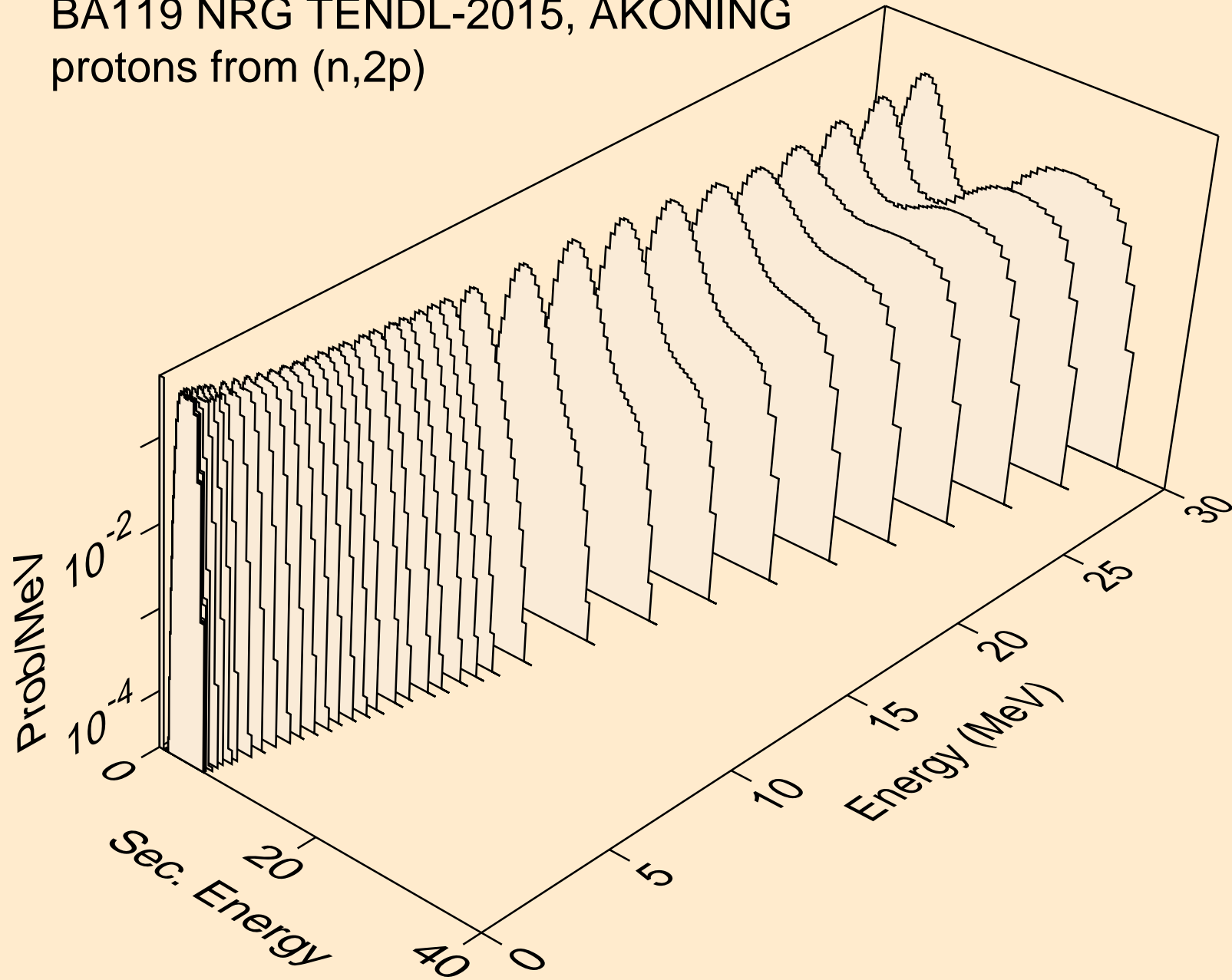
BA119 NRG TENDL-2015, AKONING  
protons from (n,npa)



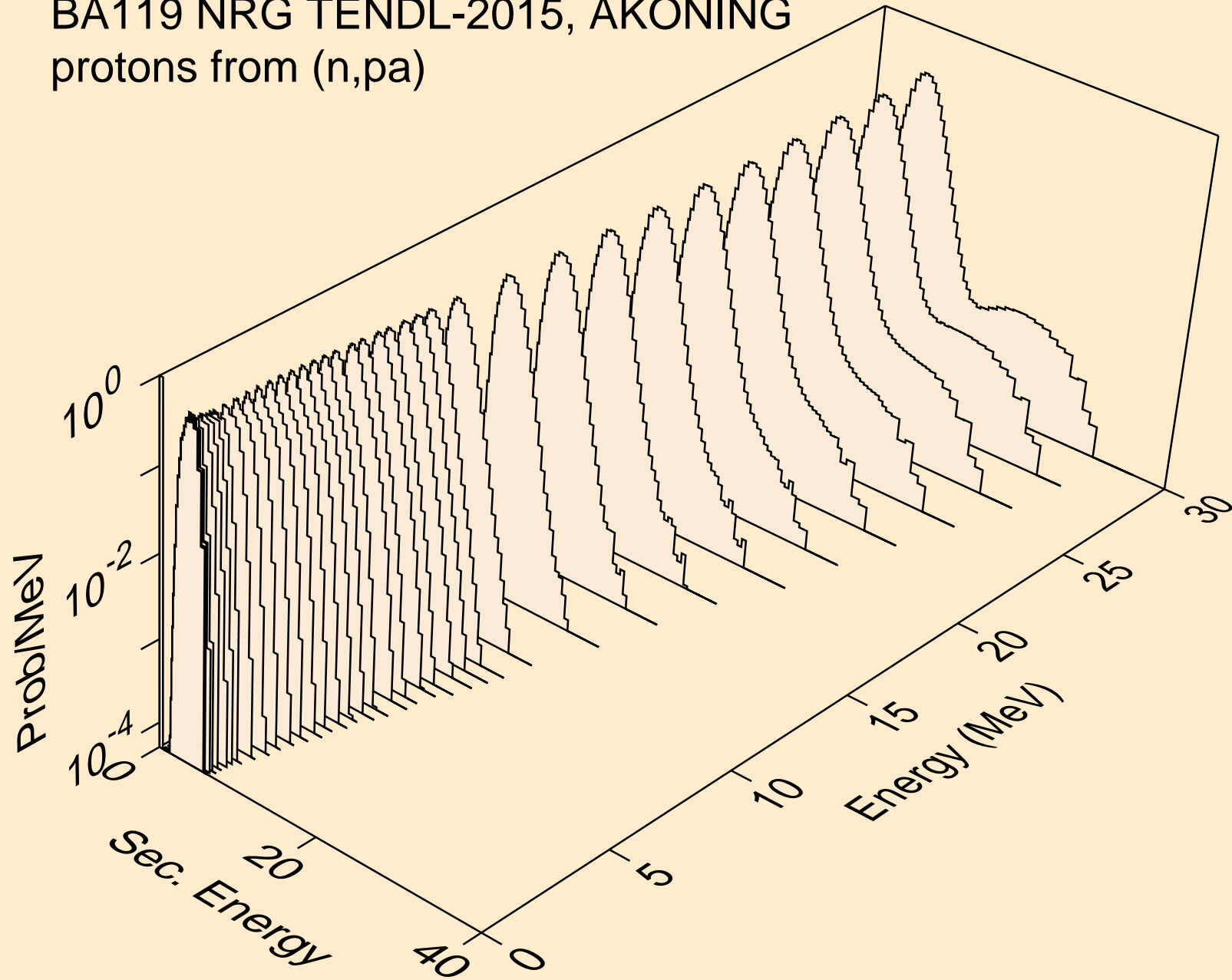
BA119 NRG TENDL-2015, AKONING  
protons from (n,p)



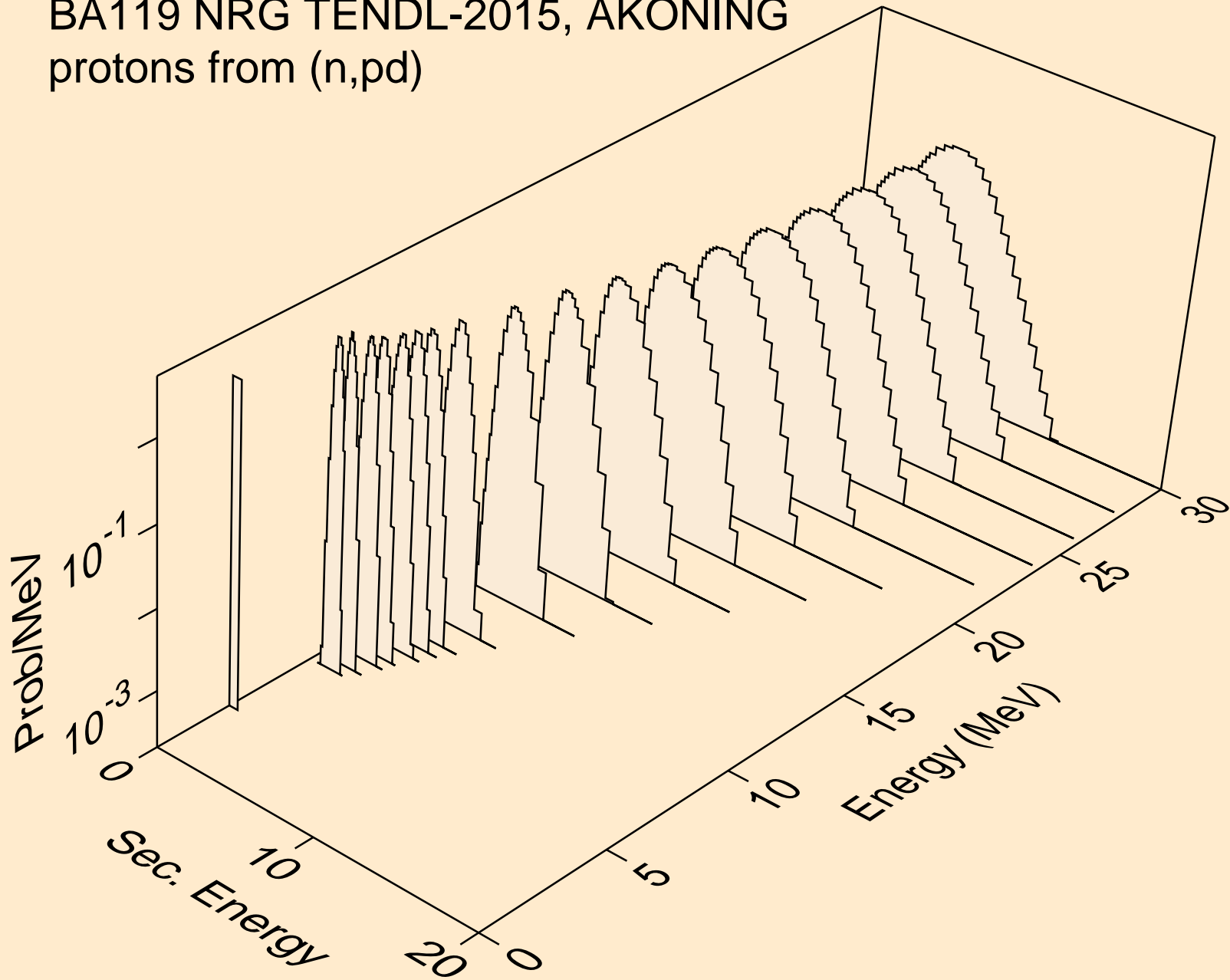
BA119 NRG TENDL-2015, AKONING  
protons from (n,2p)



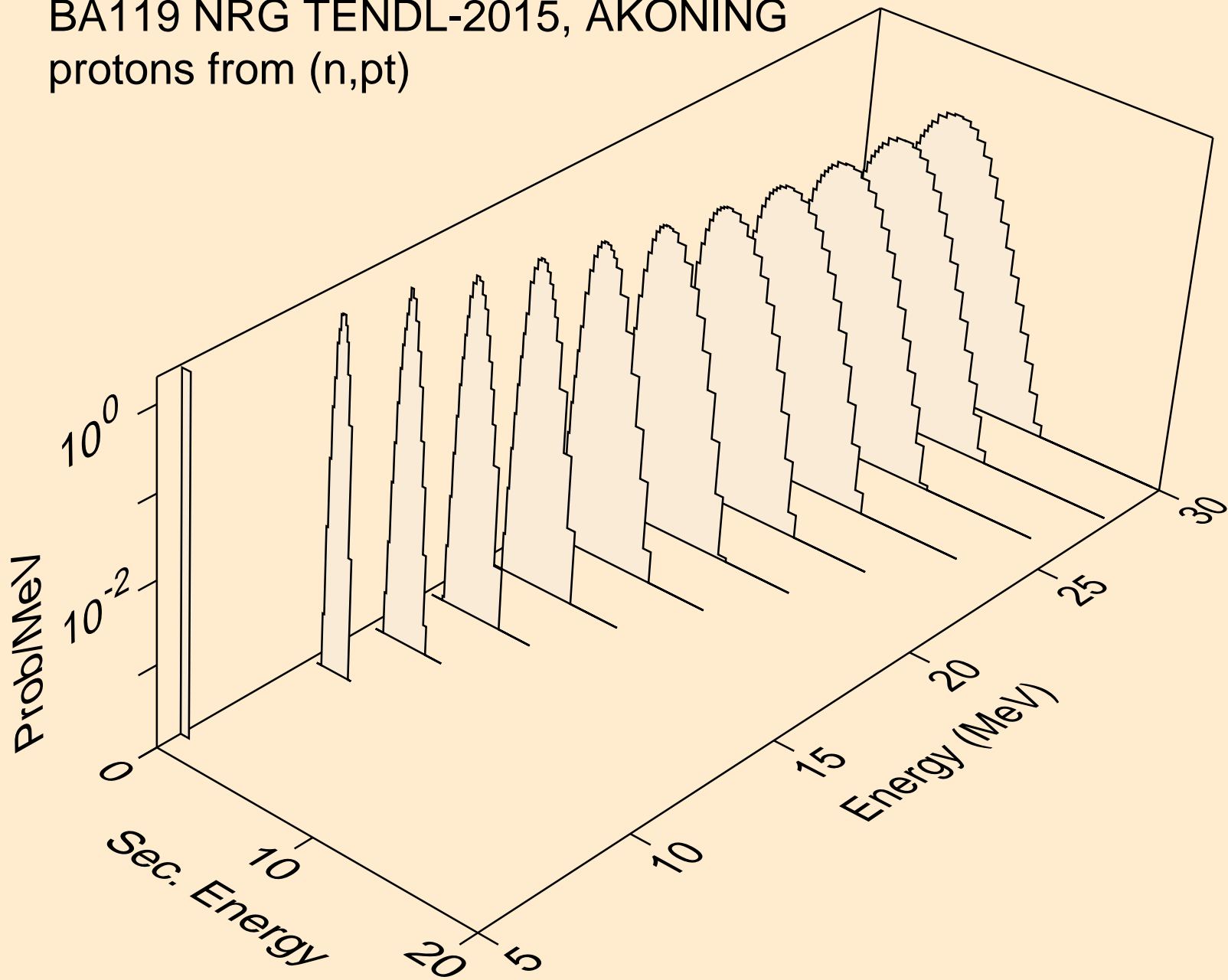
BA119 NRG TENDL-2015, AKONING  
protons from (n,pa)



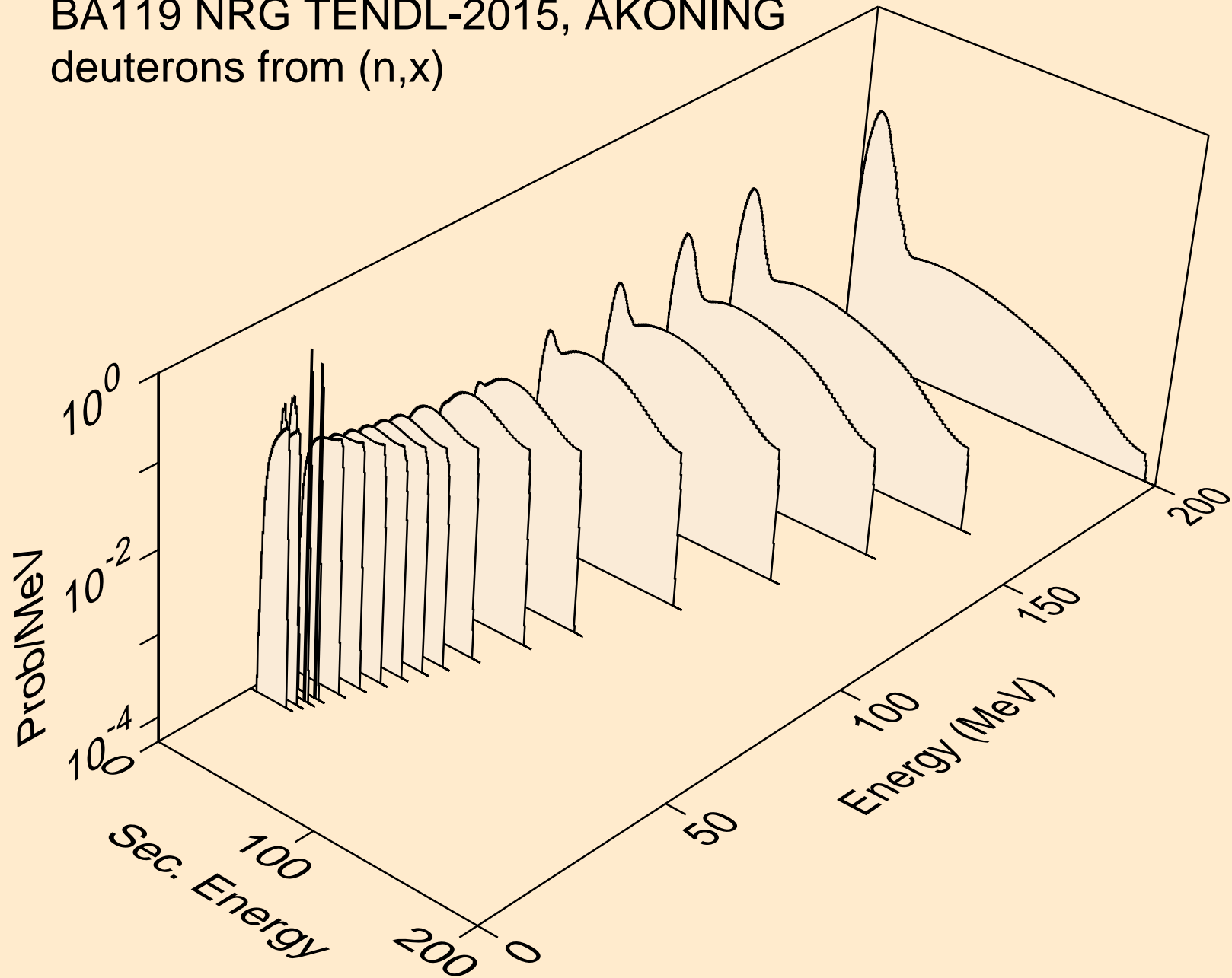
BA119 NRG TENDL-2015, AKONING  
protons from (n,pd)



BA119 NRG TENDL-2015, AKONING  
protons from (n,pt)

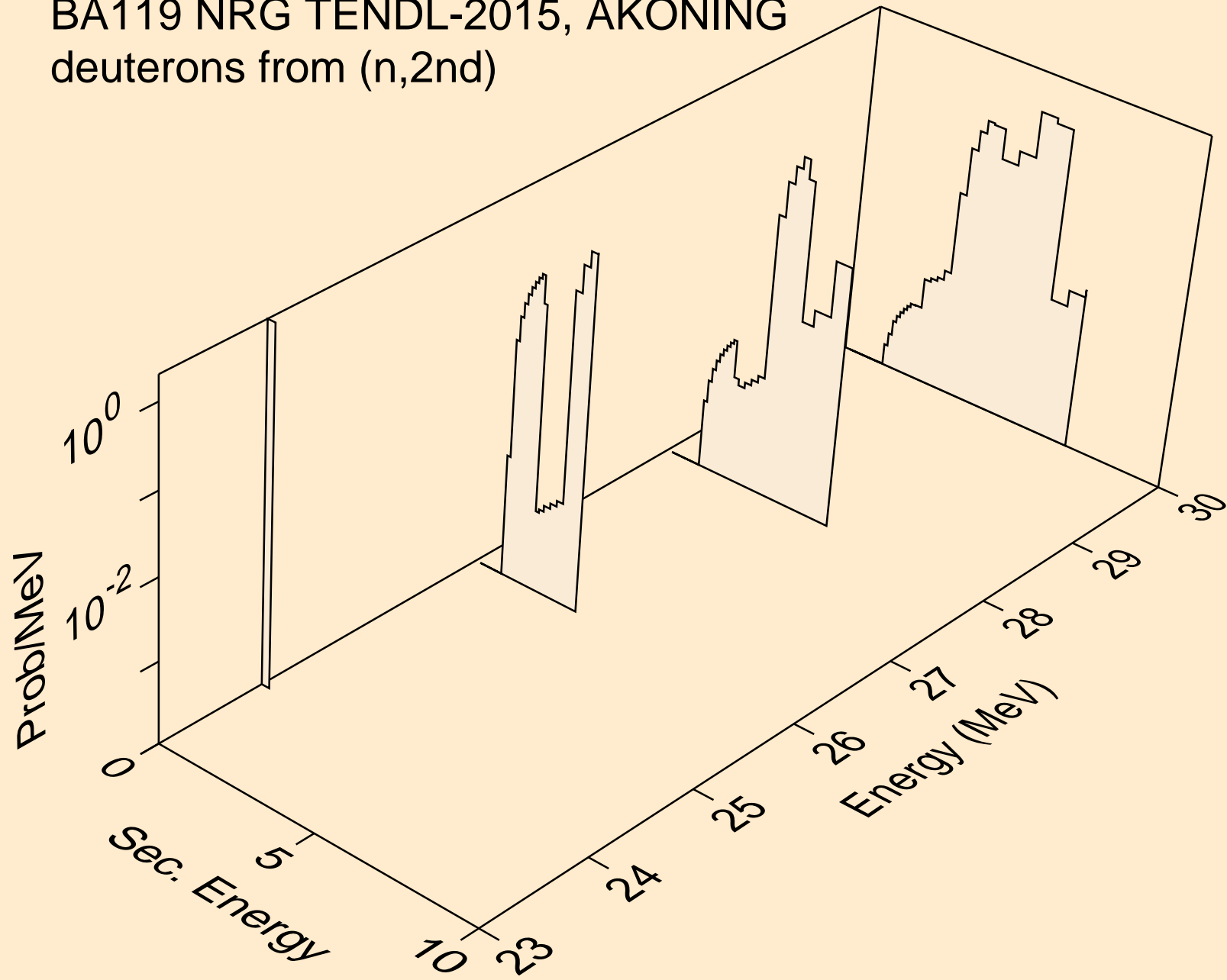


BA119 NRG TENDL-2015, AKONING  
deuterons from (n,x)

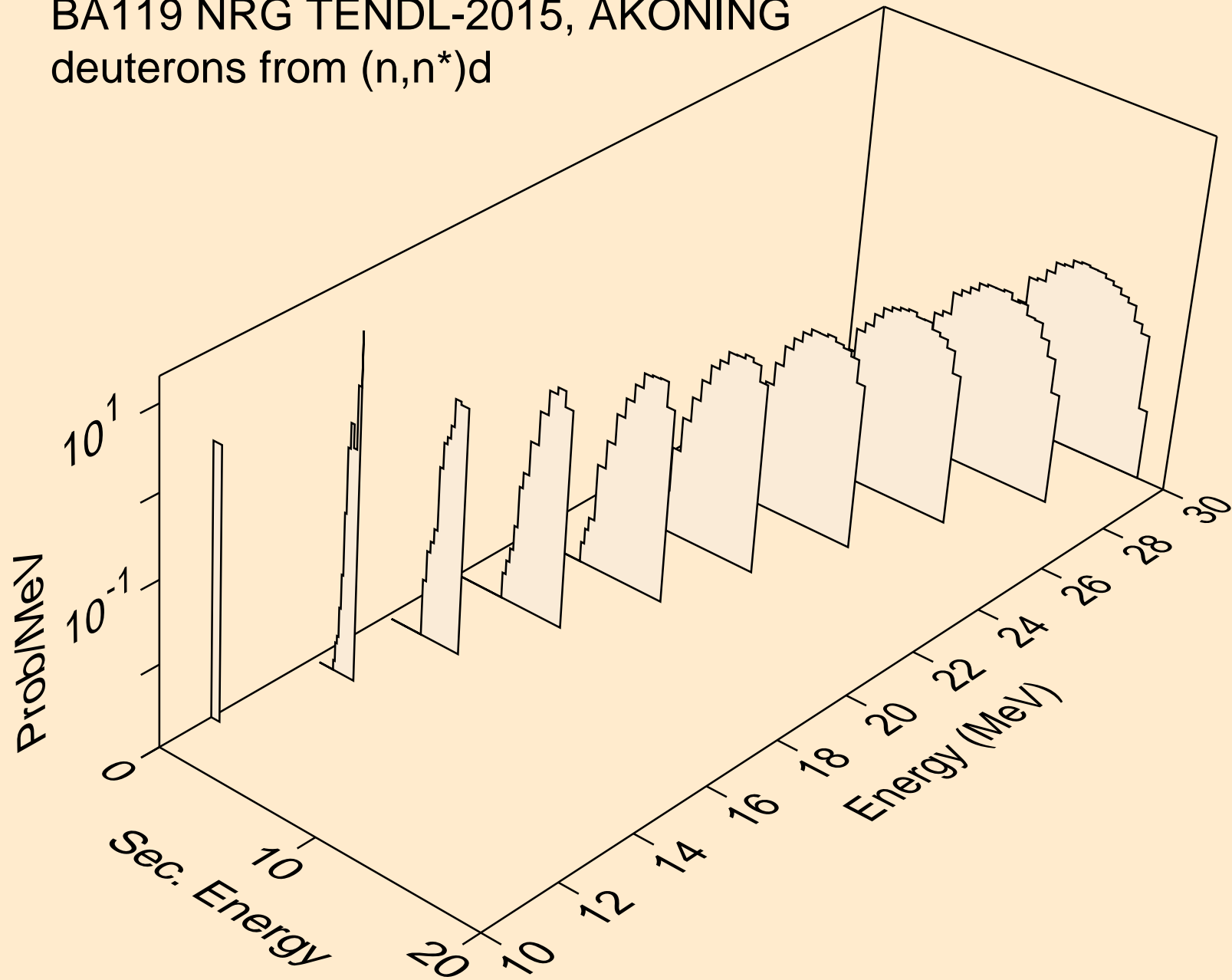




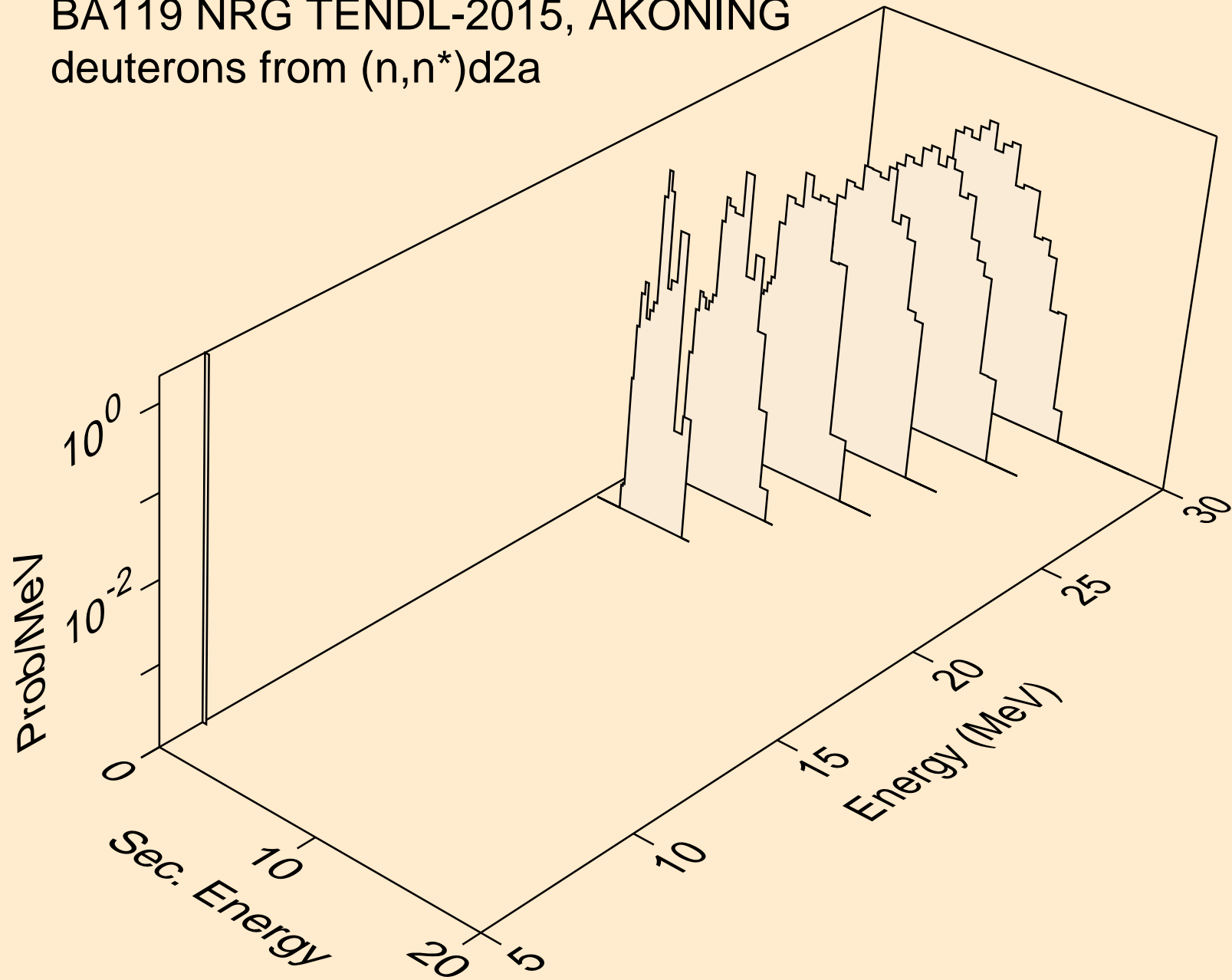
BA119 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



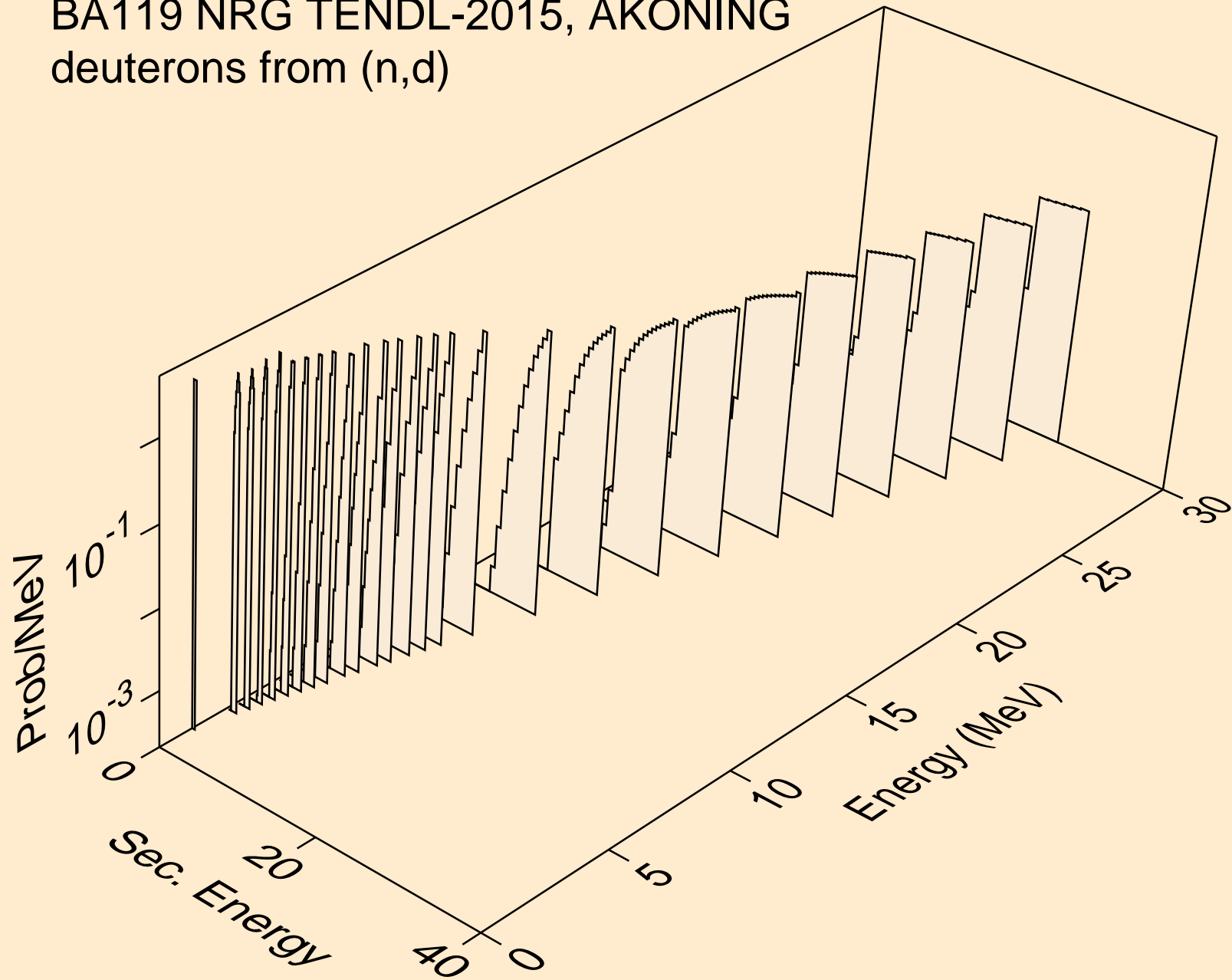
BA119 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



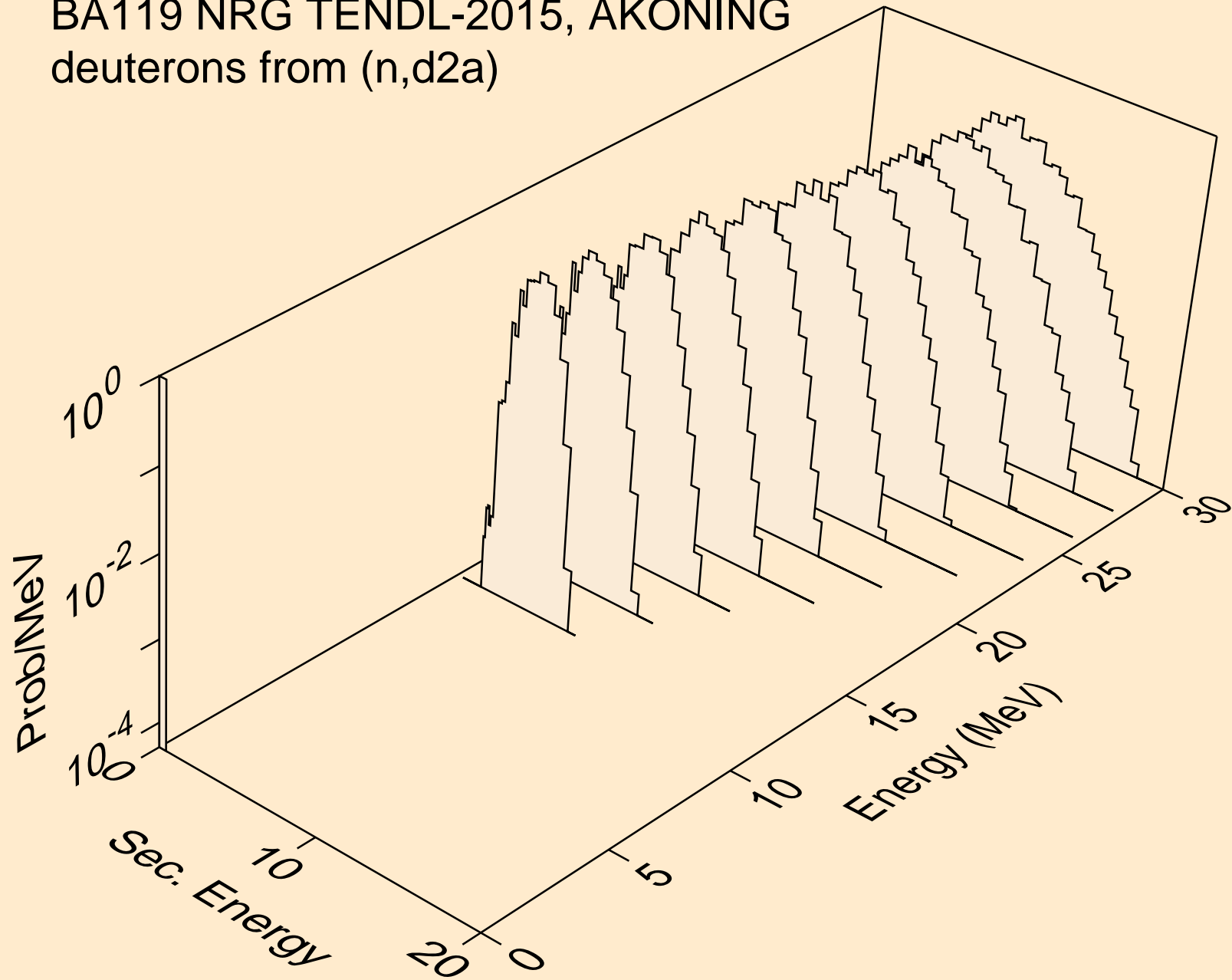
BA119 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



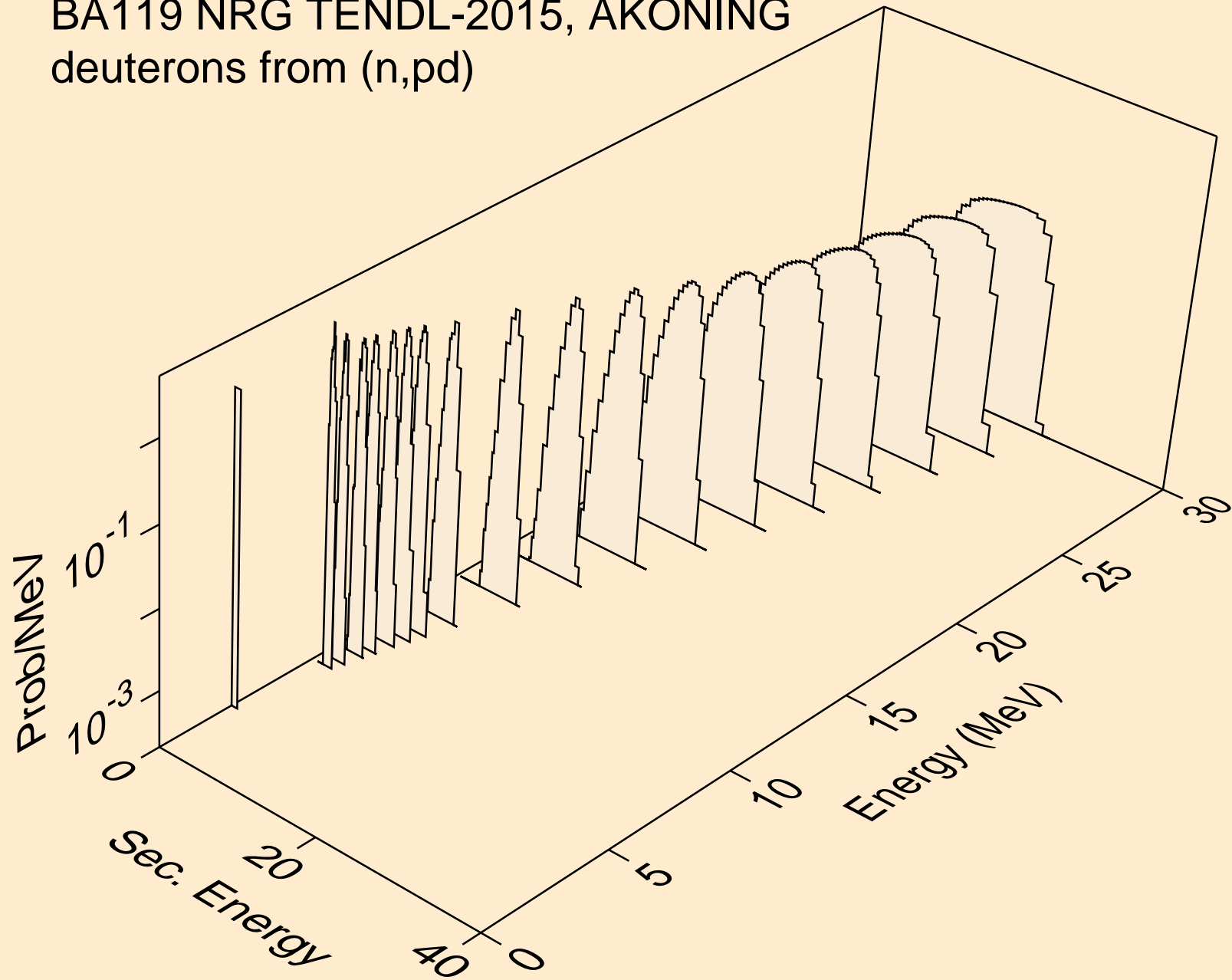
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deuterons from (n,d)



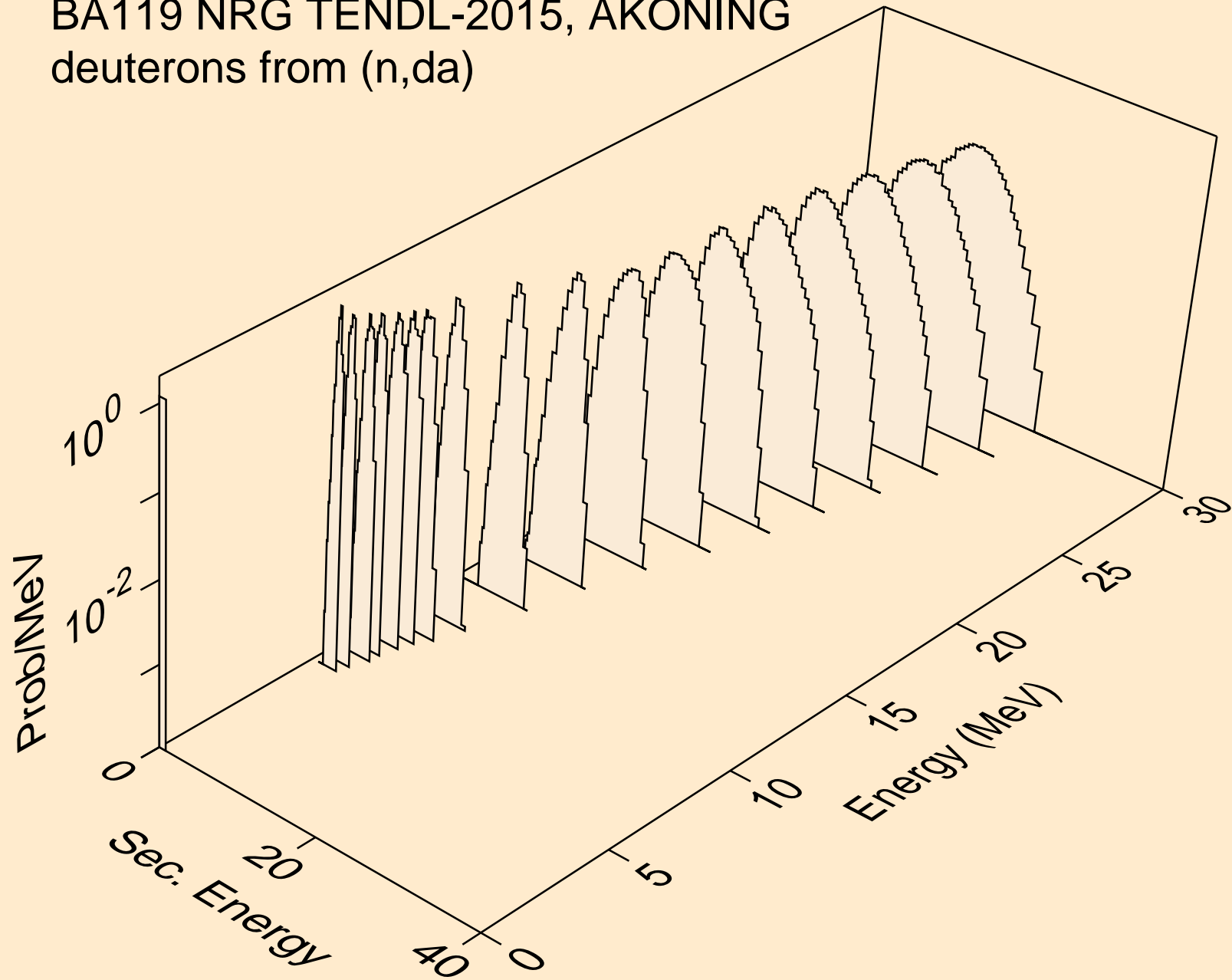
BA119 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)



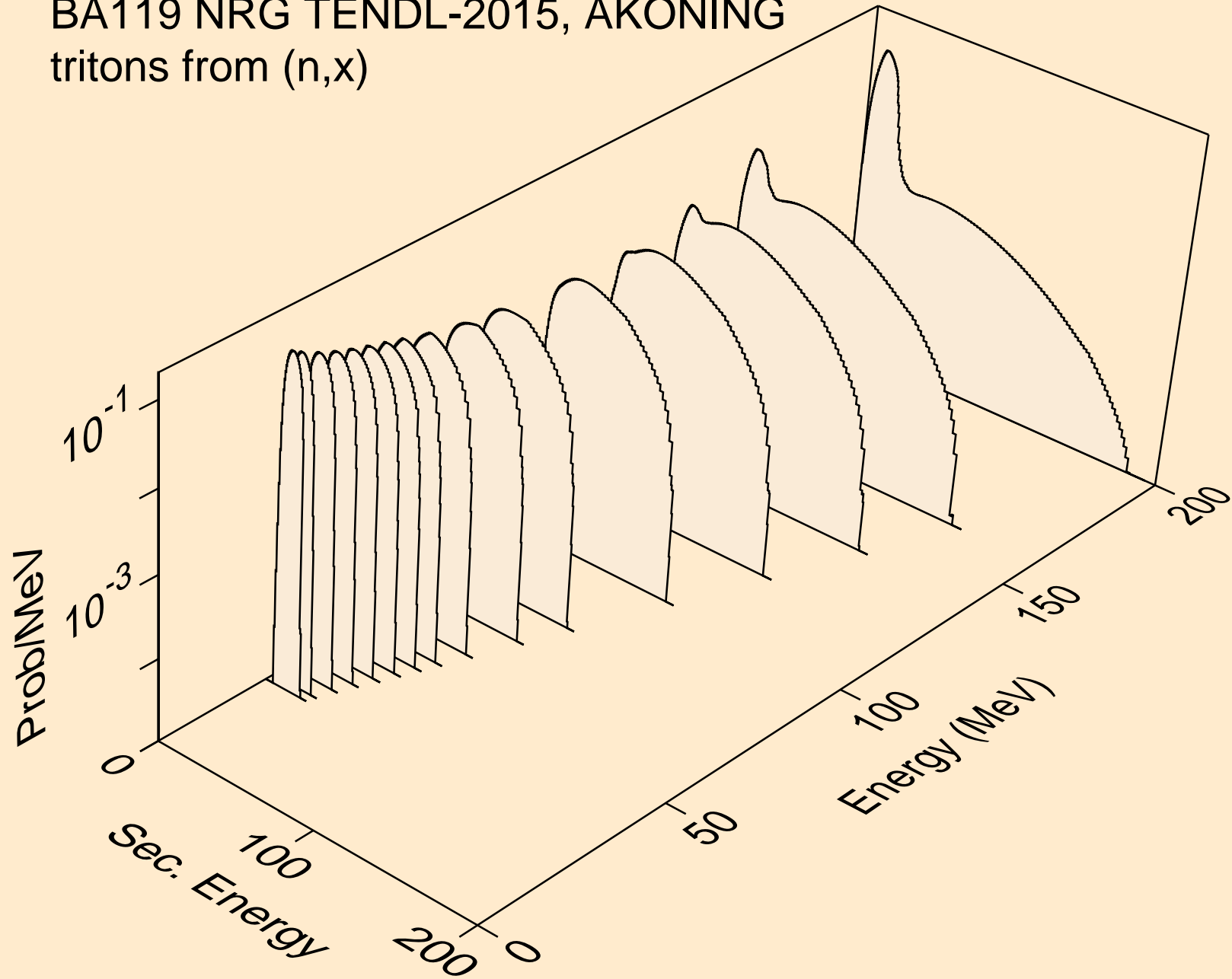
BA119 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



BA119 NRG TENDL-2015, AKONING  
deuterons from (n,da)

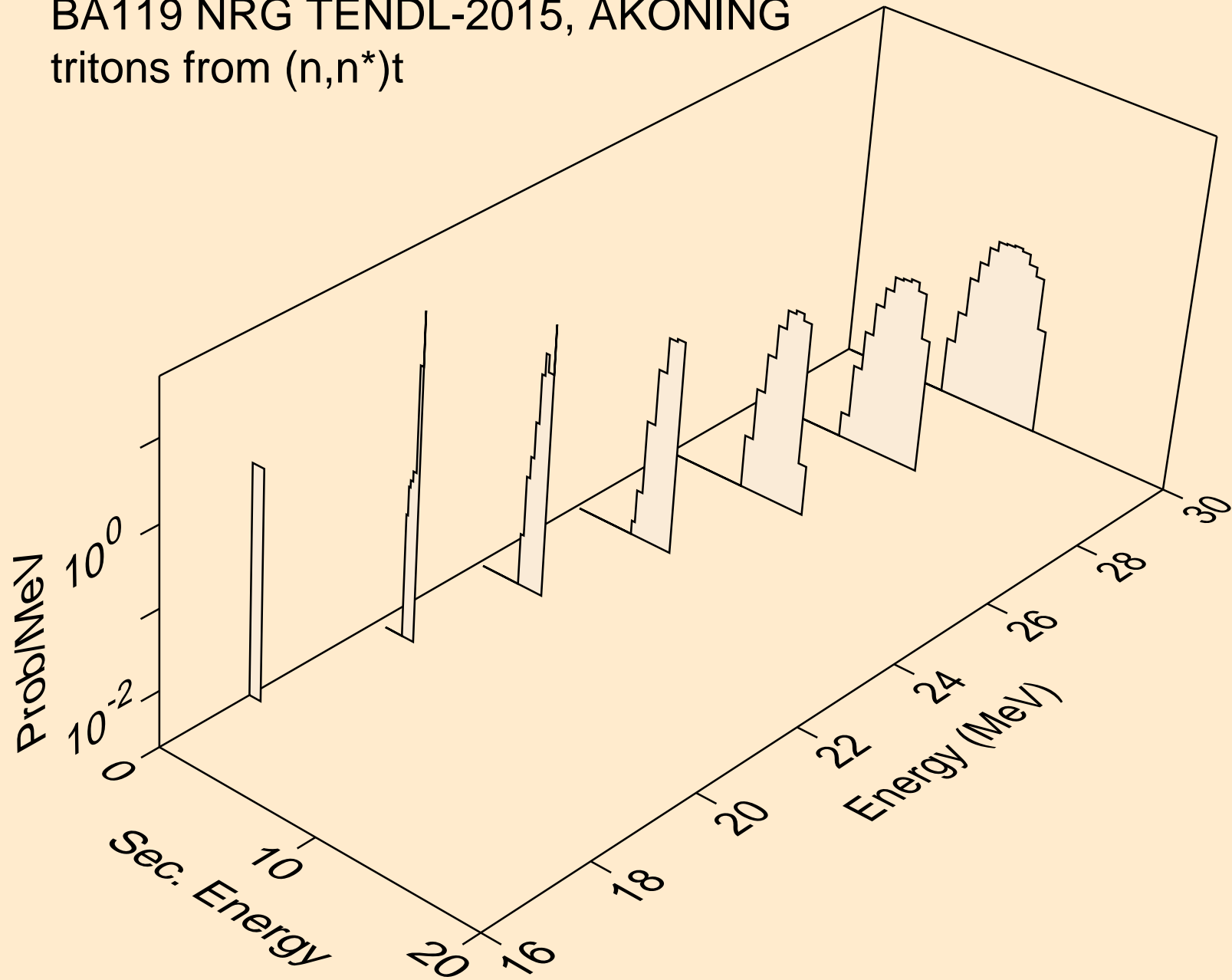


BA119 NRG TENDL-2015, AKONING  
tritons from (n,x)

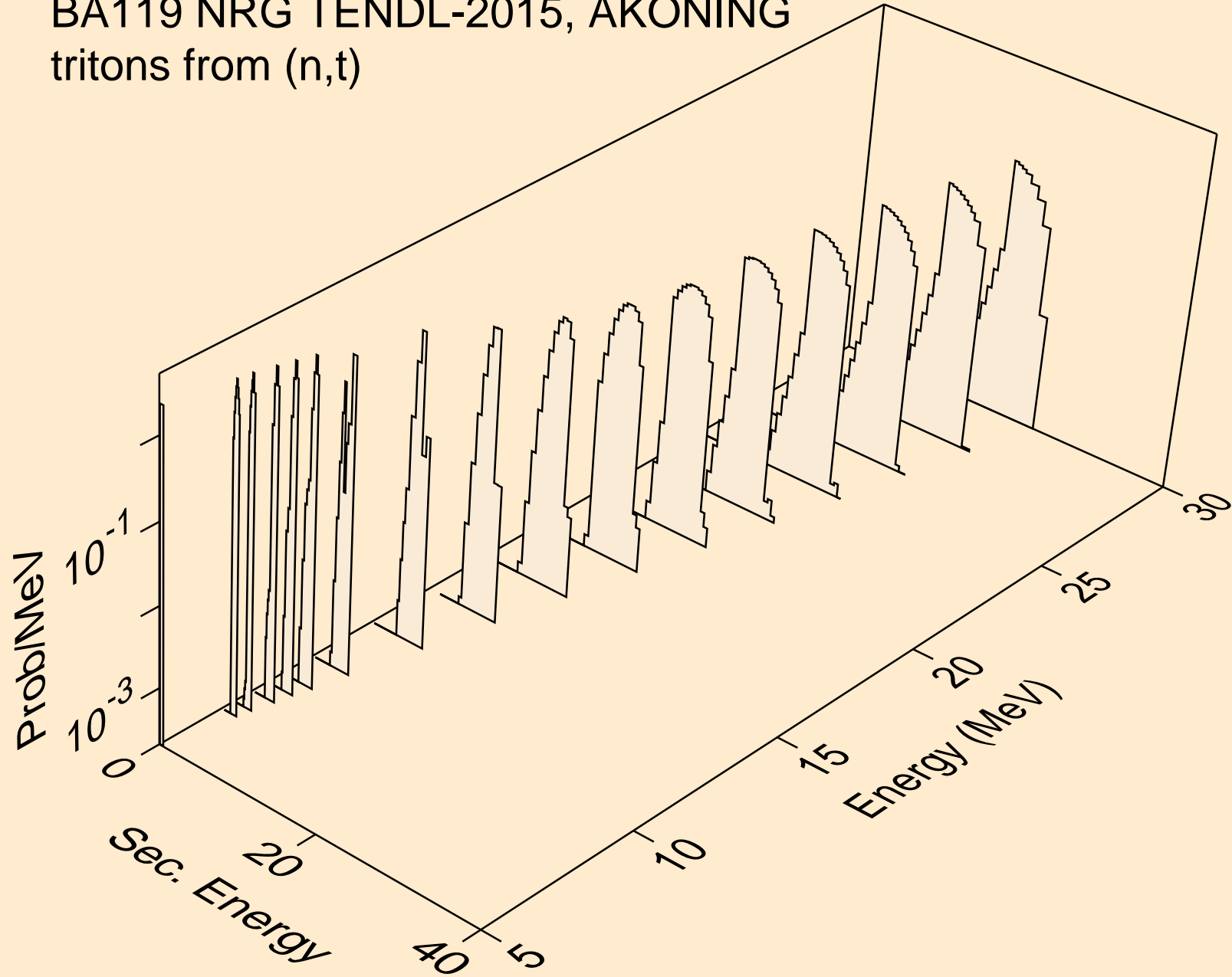




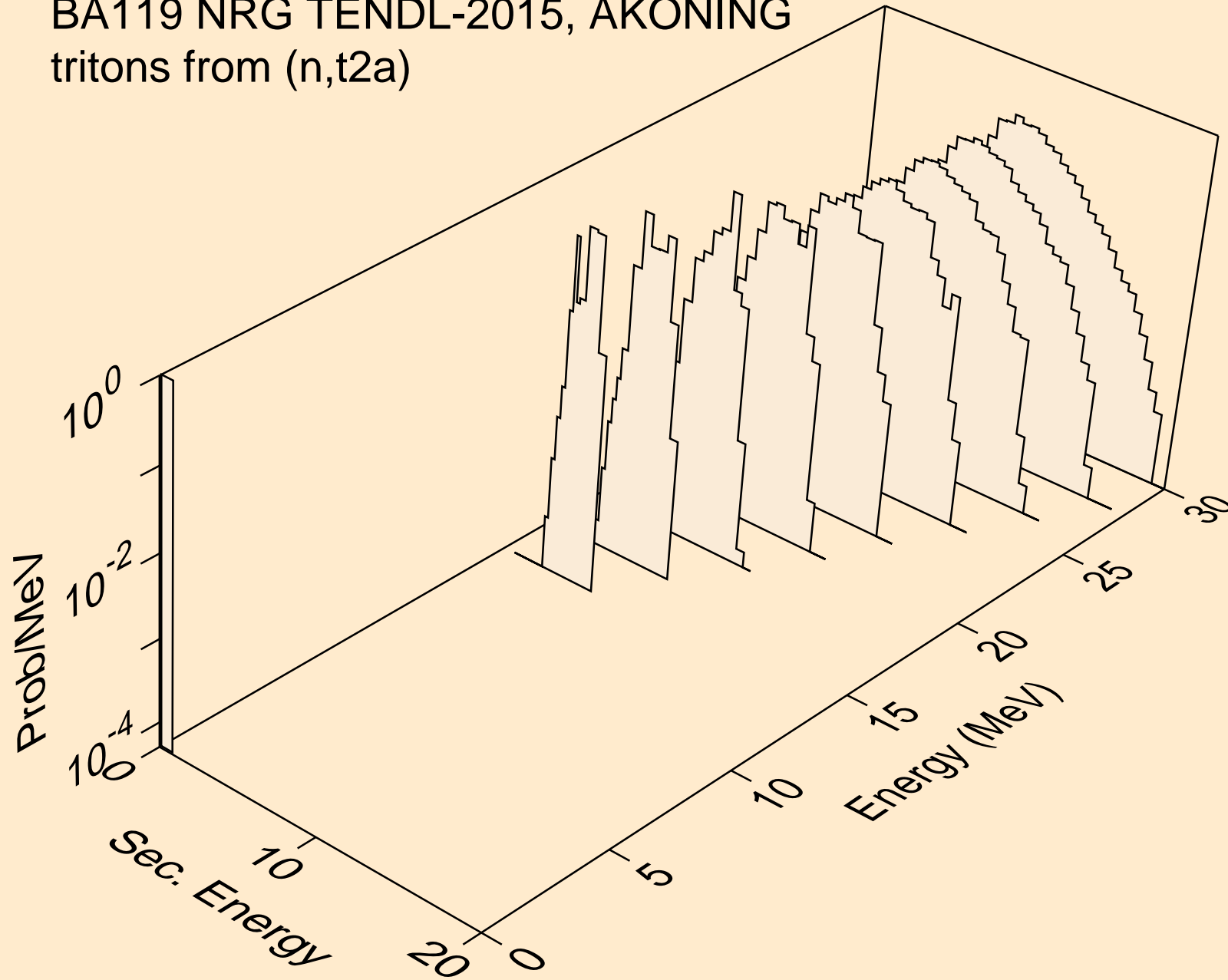
BA119 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



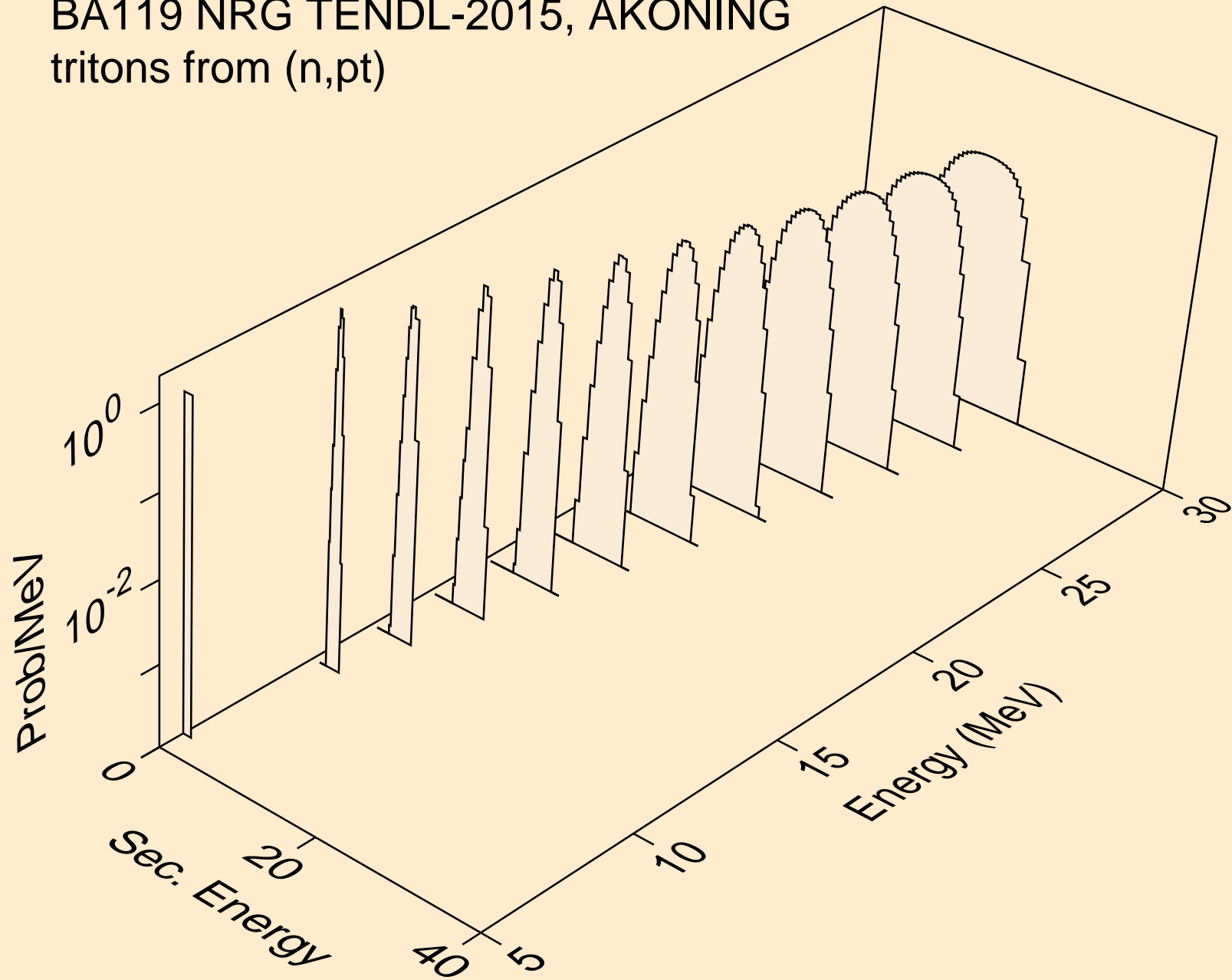
BA119 NRG TENDL-2015, AKONING  
tritons from (n,t)



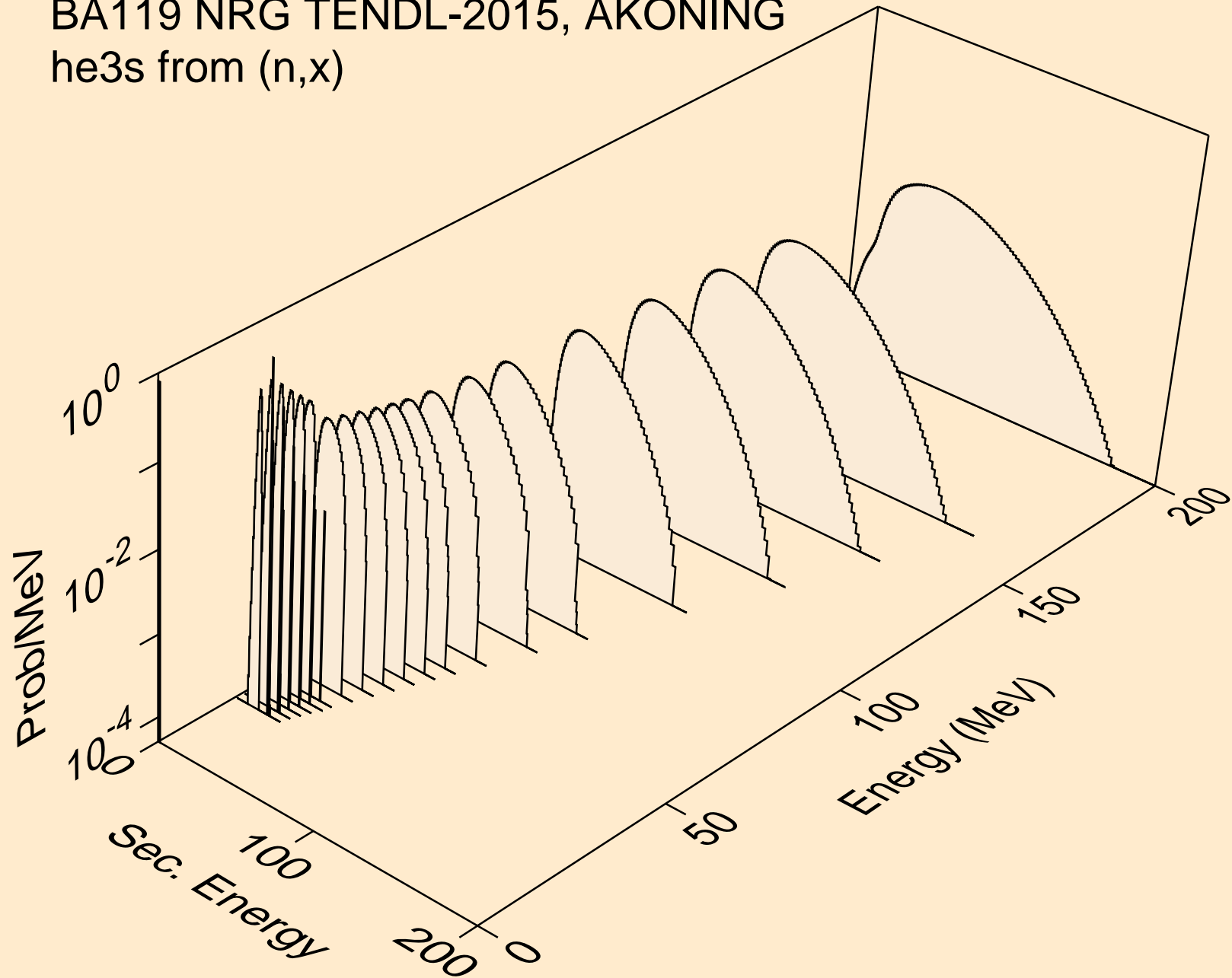
BA119 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



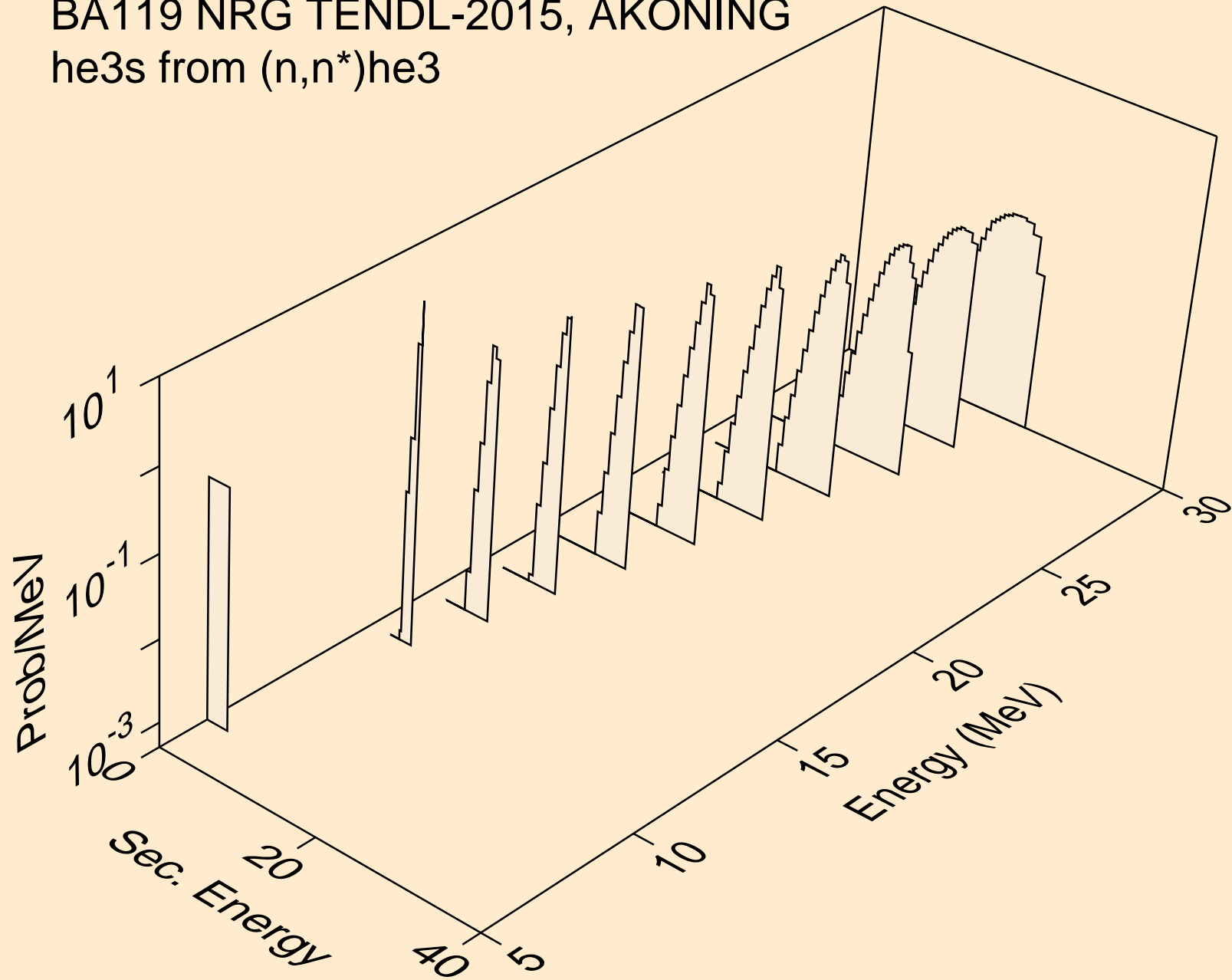
BA119 NRG TENDL-2015, AKONING  
tritons from (n,pt)



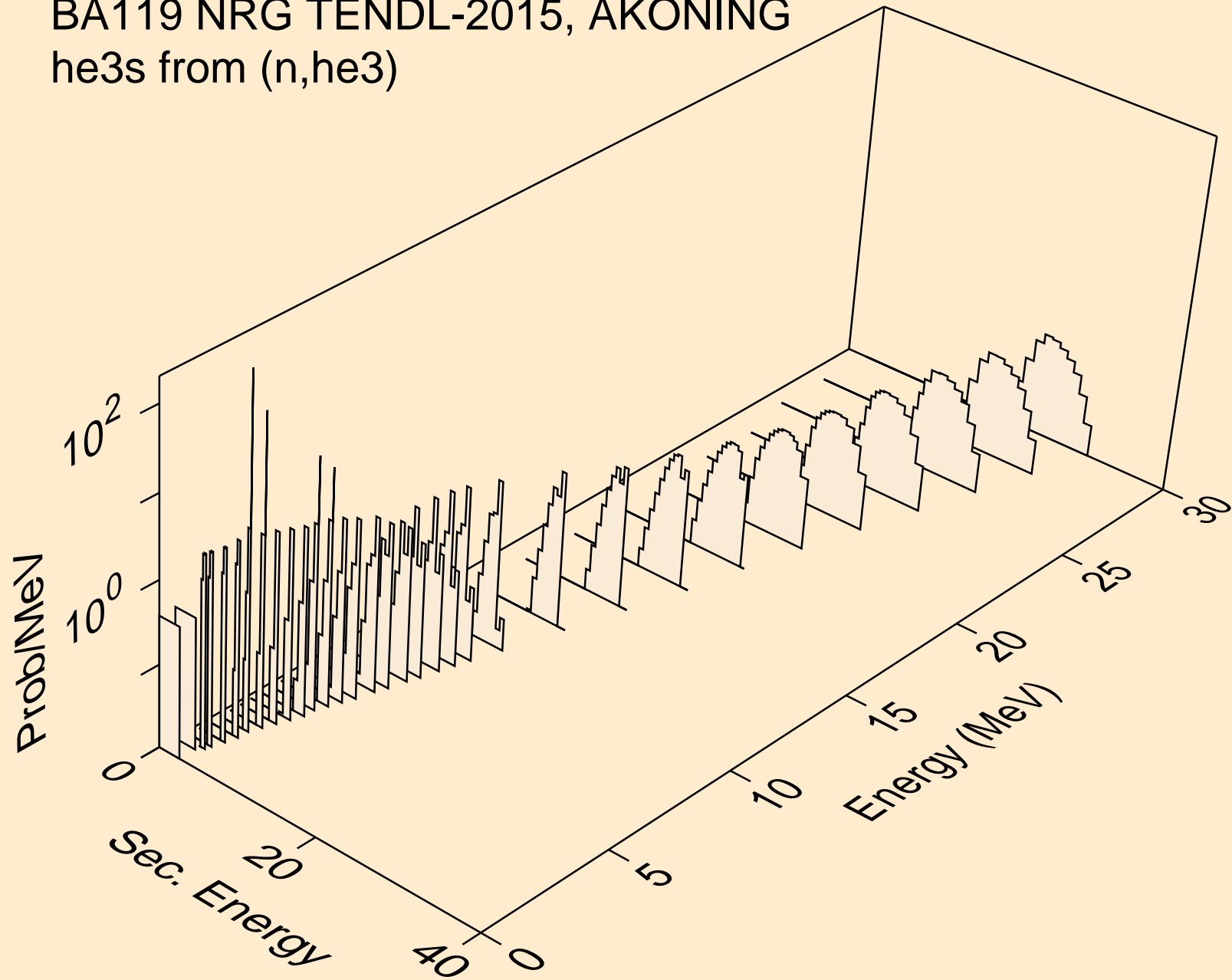
BA119 NRG TENDL-2015, AKONING  
he3s from (n,x)



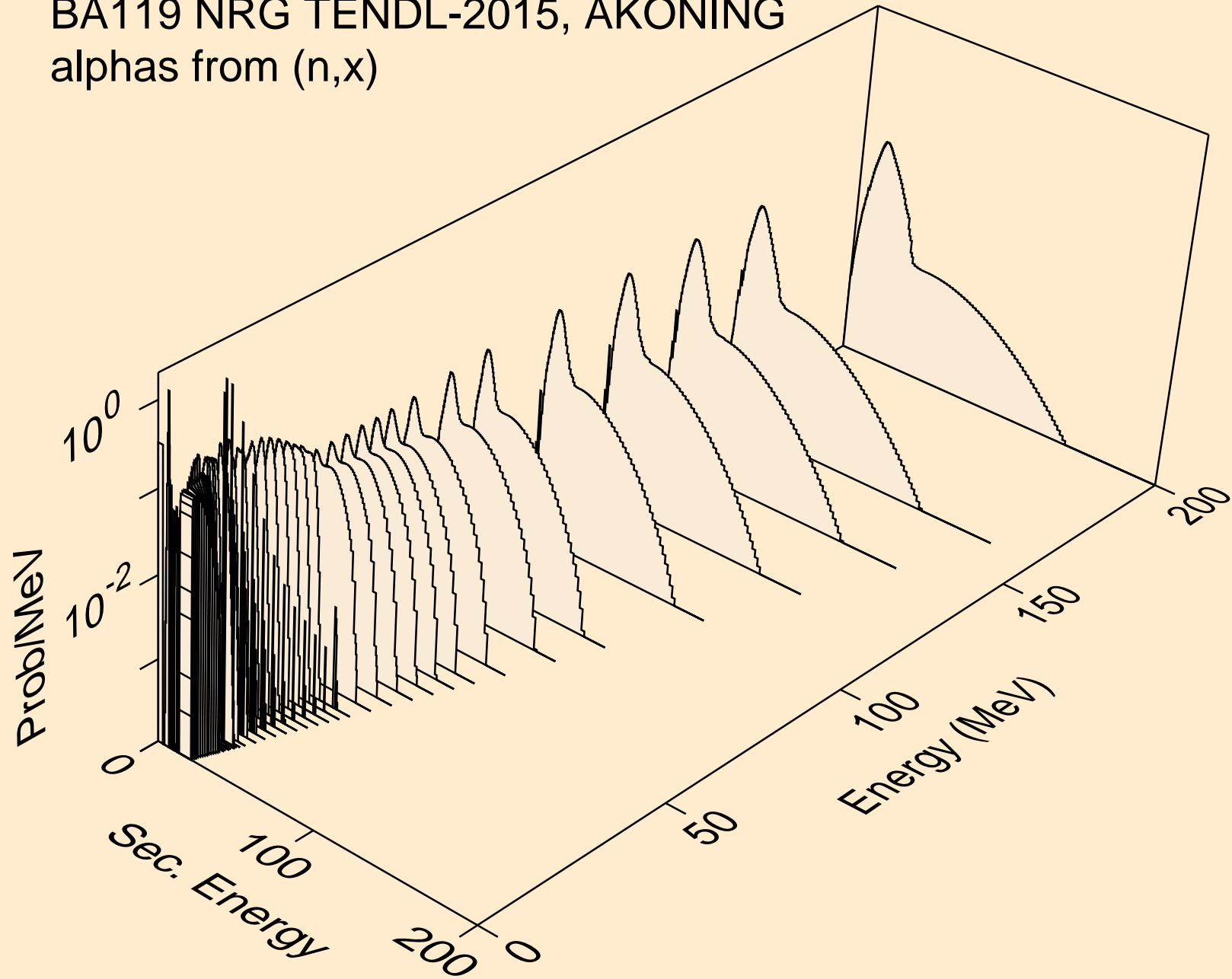
BA119 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



BA119 NRG TENDL-2015, AKONING  
he3s from (n,he3)

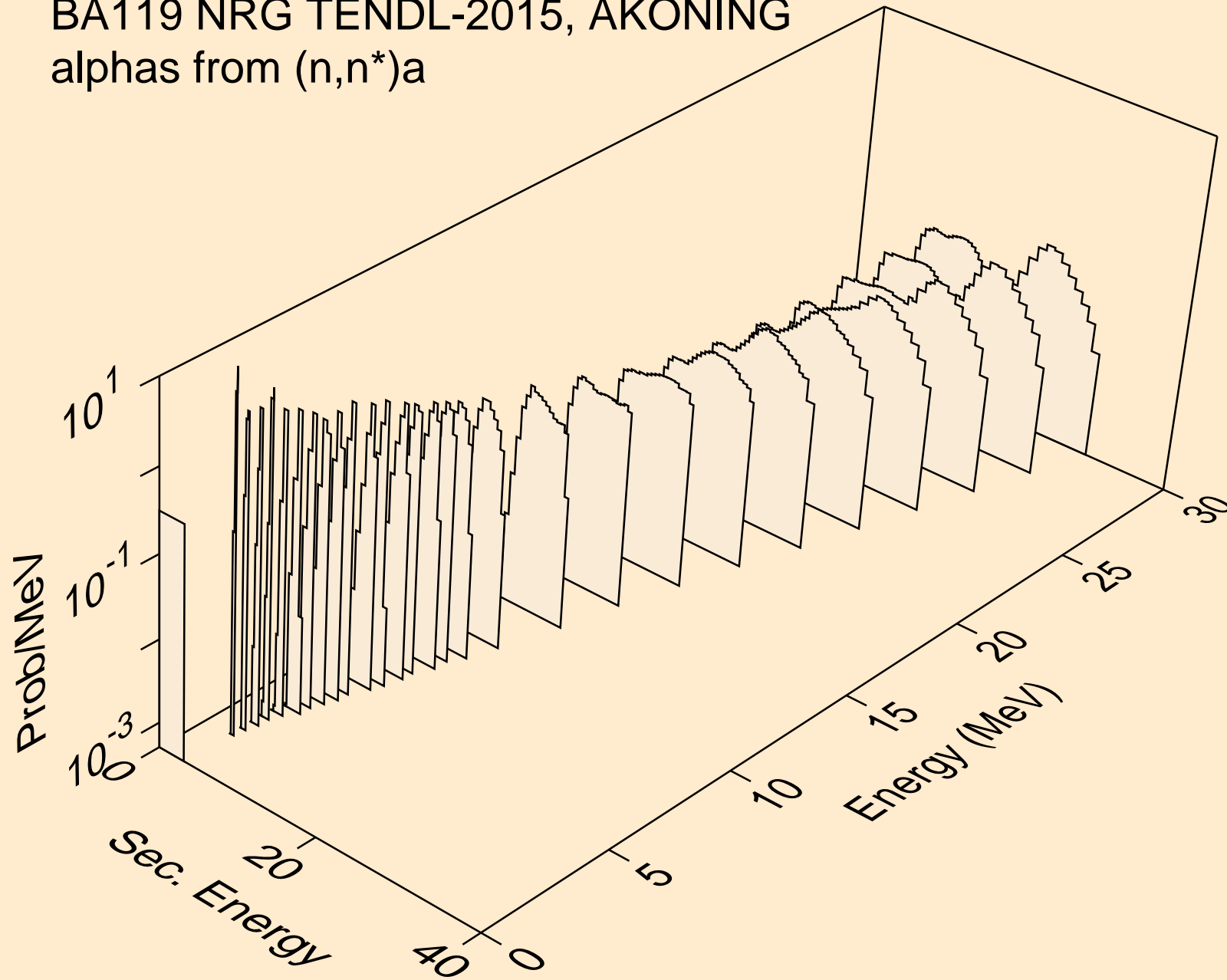


BA119 NRG TENDL-2015, AKONING  
alphas from (n,x)

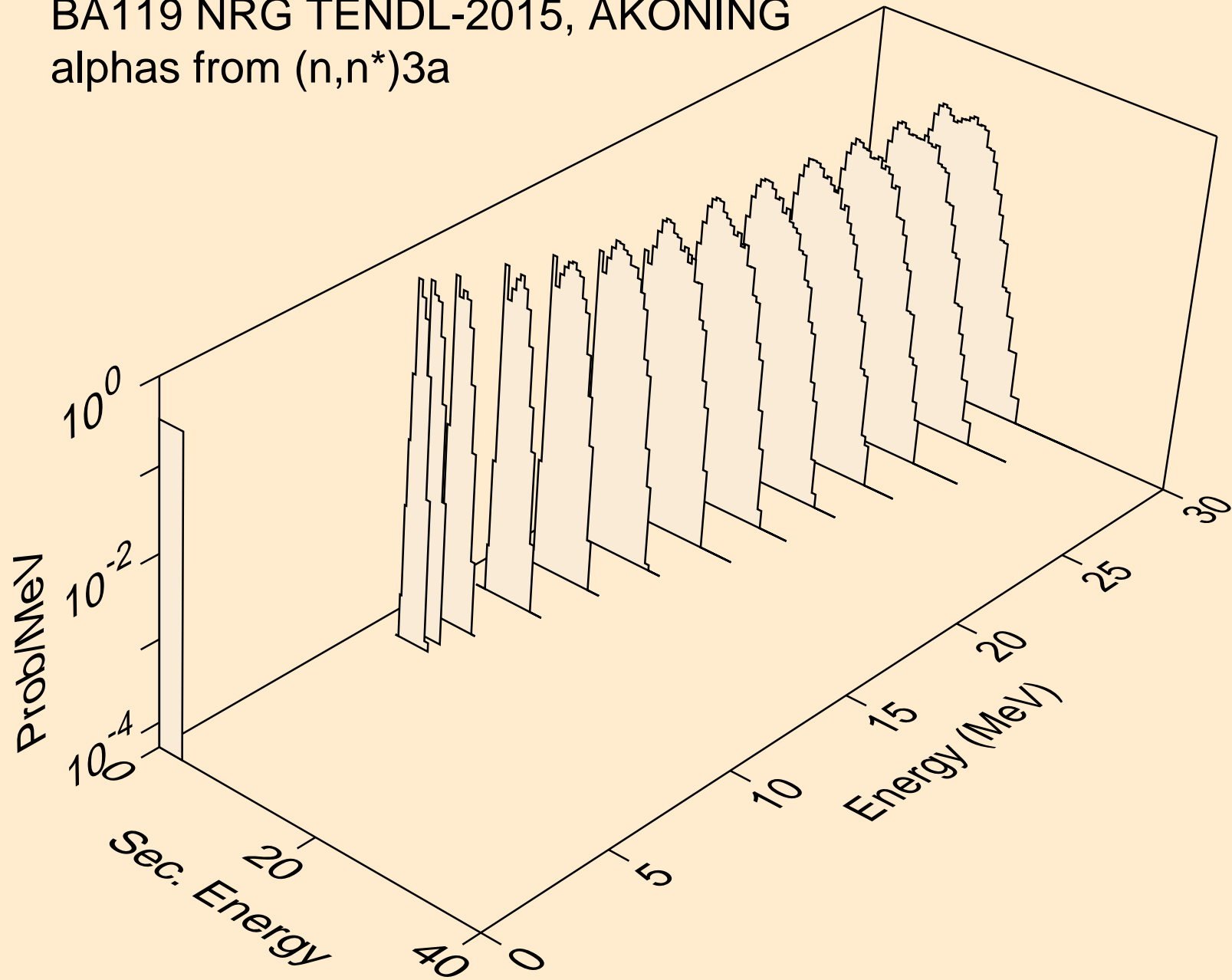




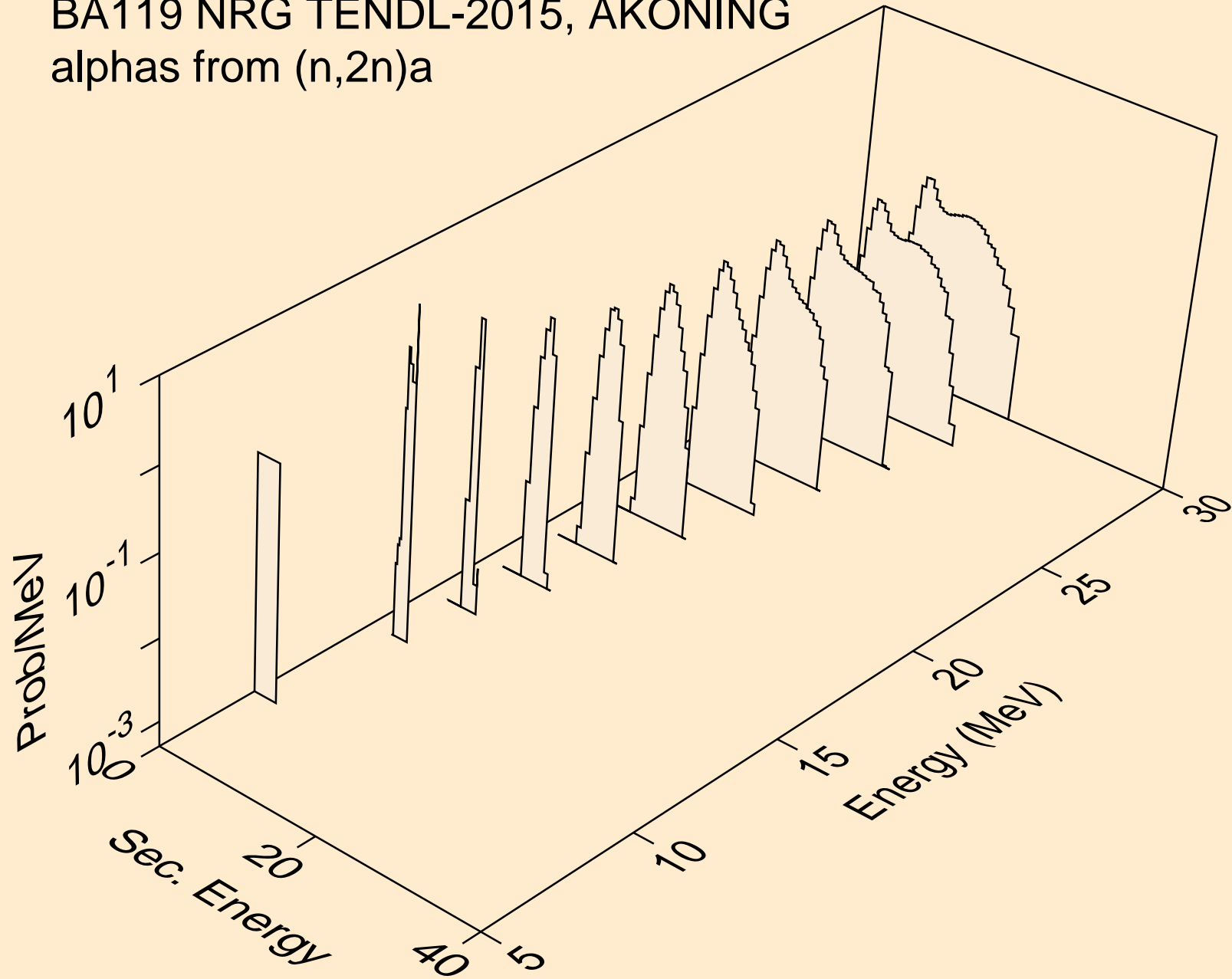
BA119 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



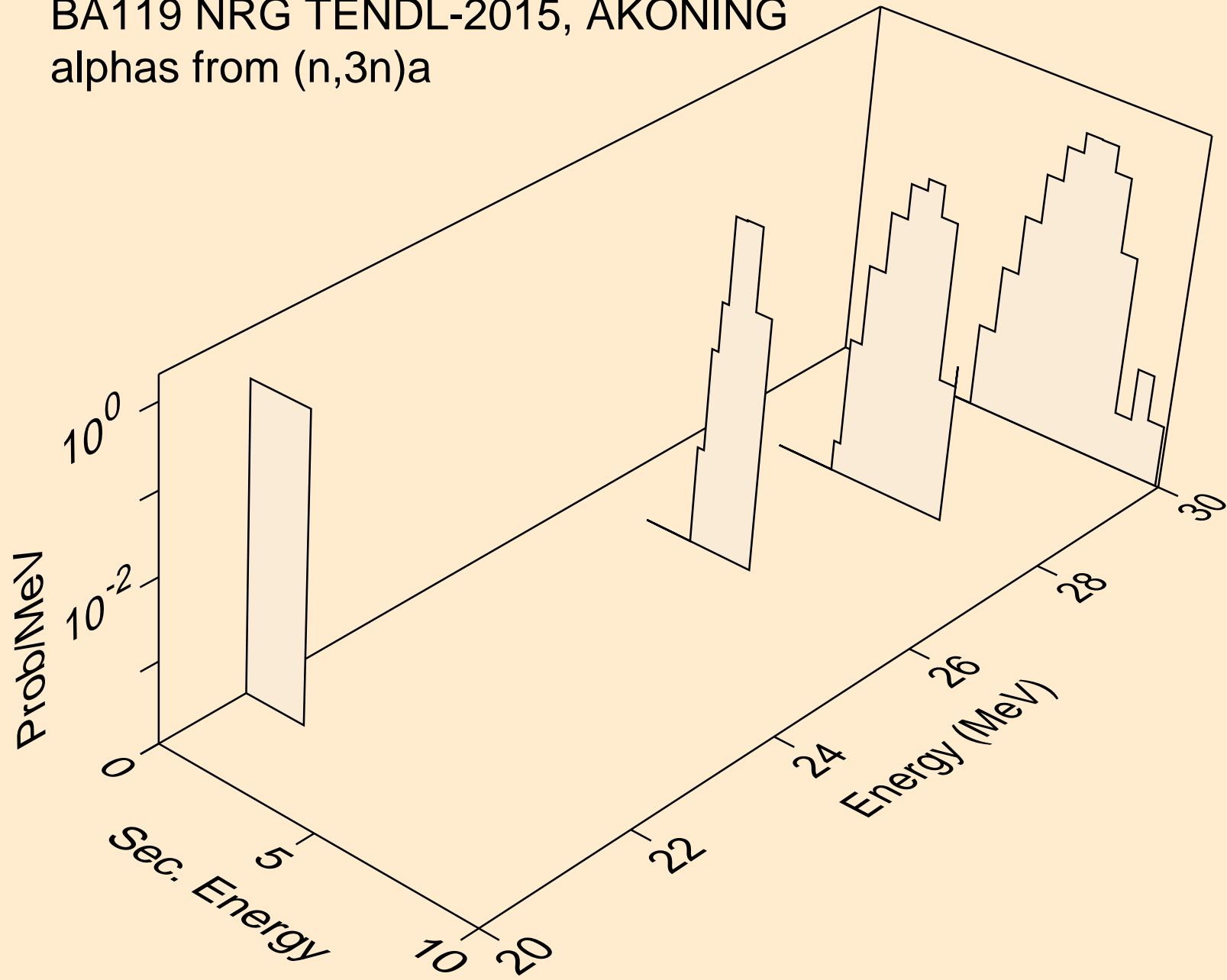
BA119 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a



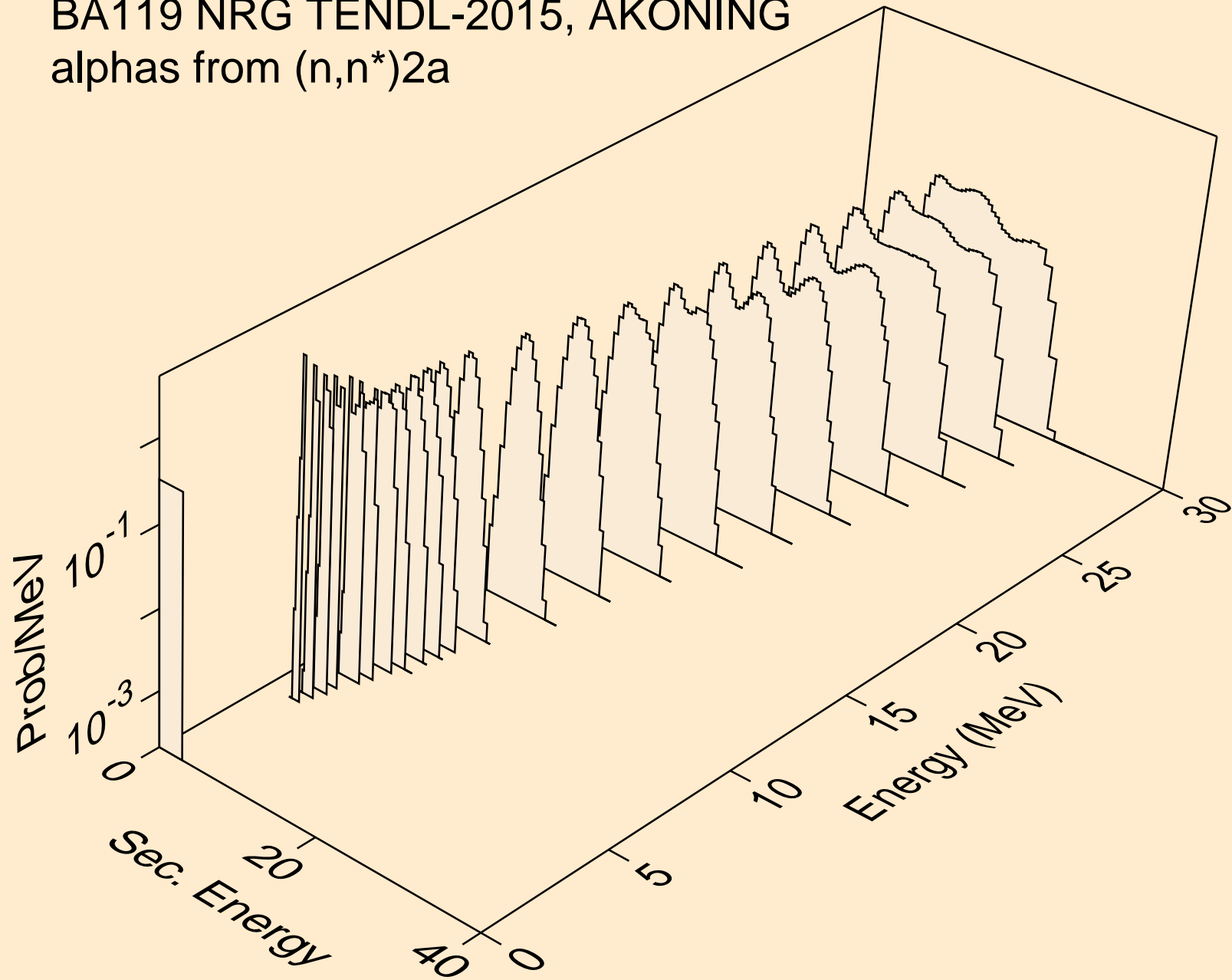
BA119 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



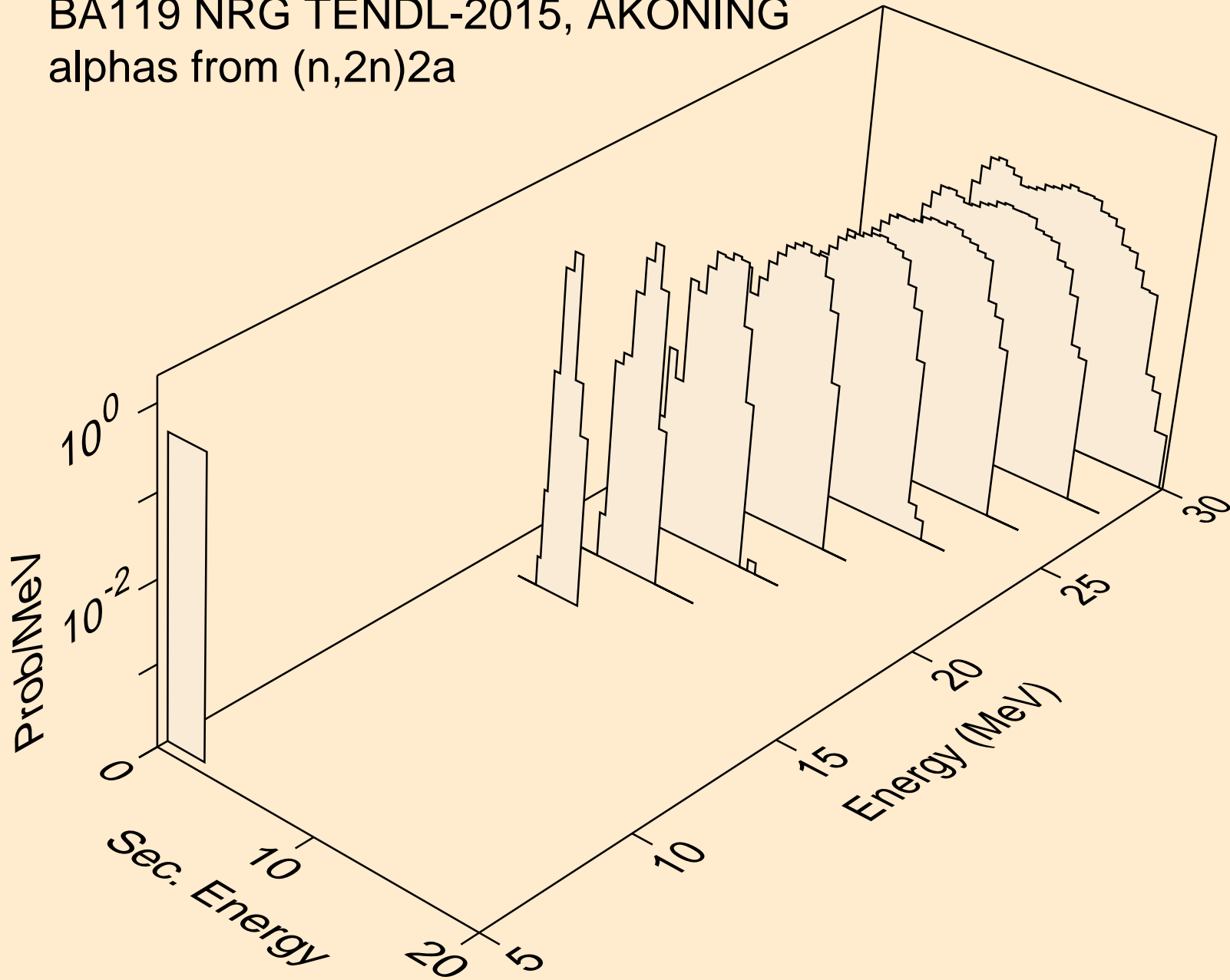
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alphas from (n,3n)a



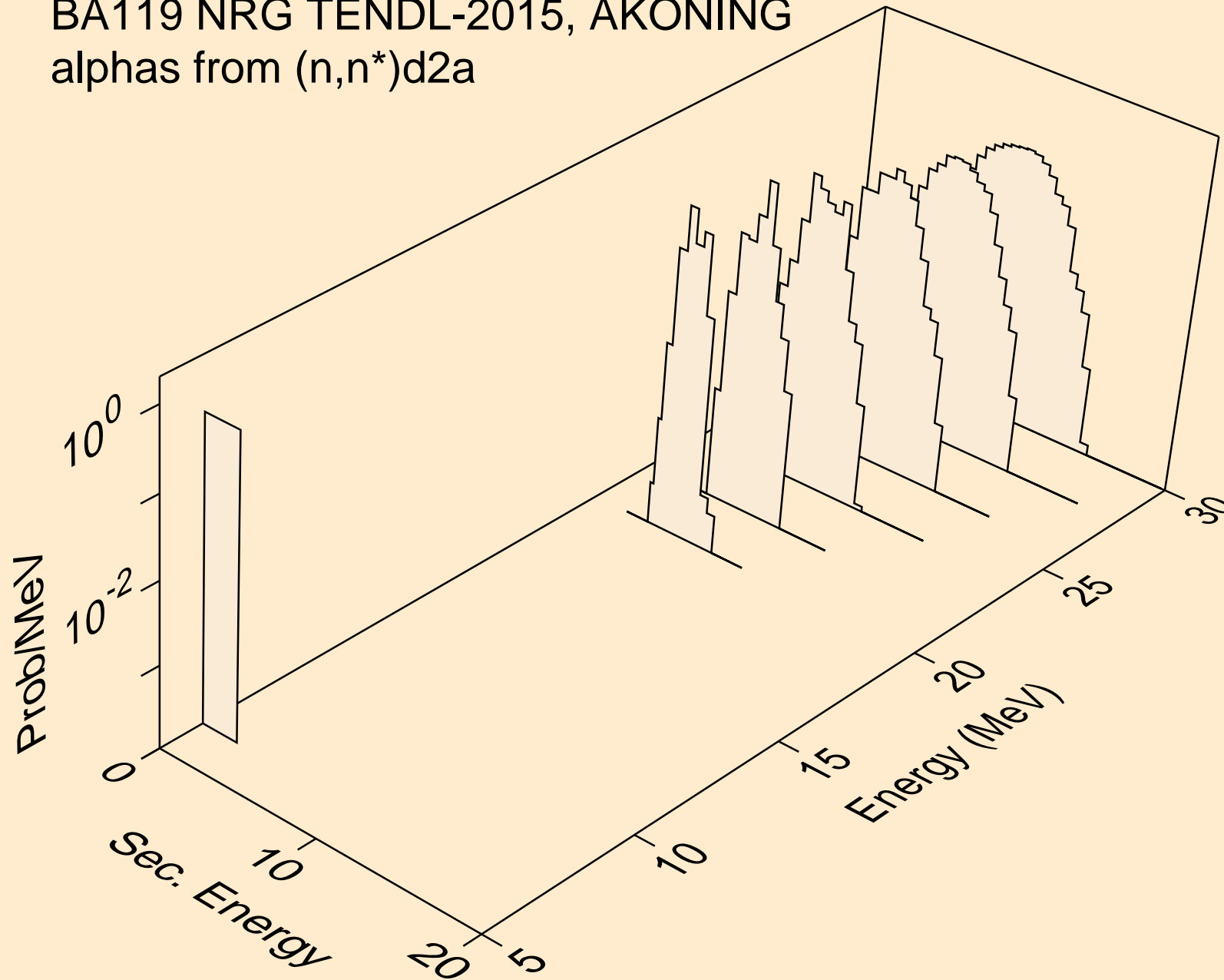
BA119 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



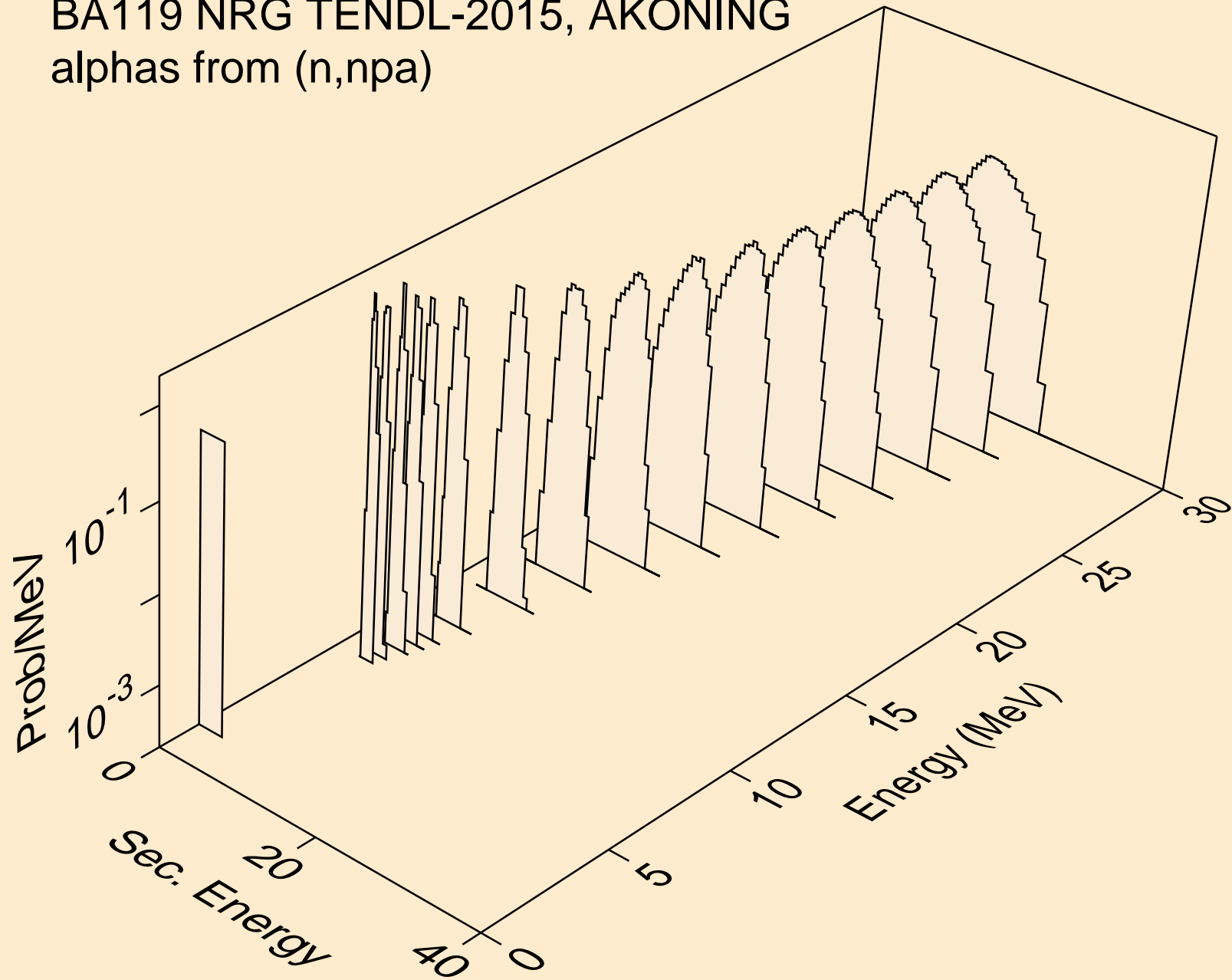
BA119 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



BA119 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a

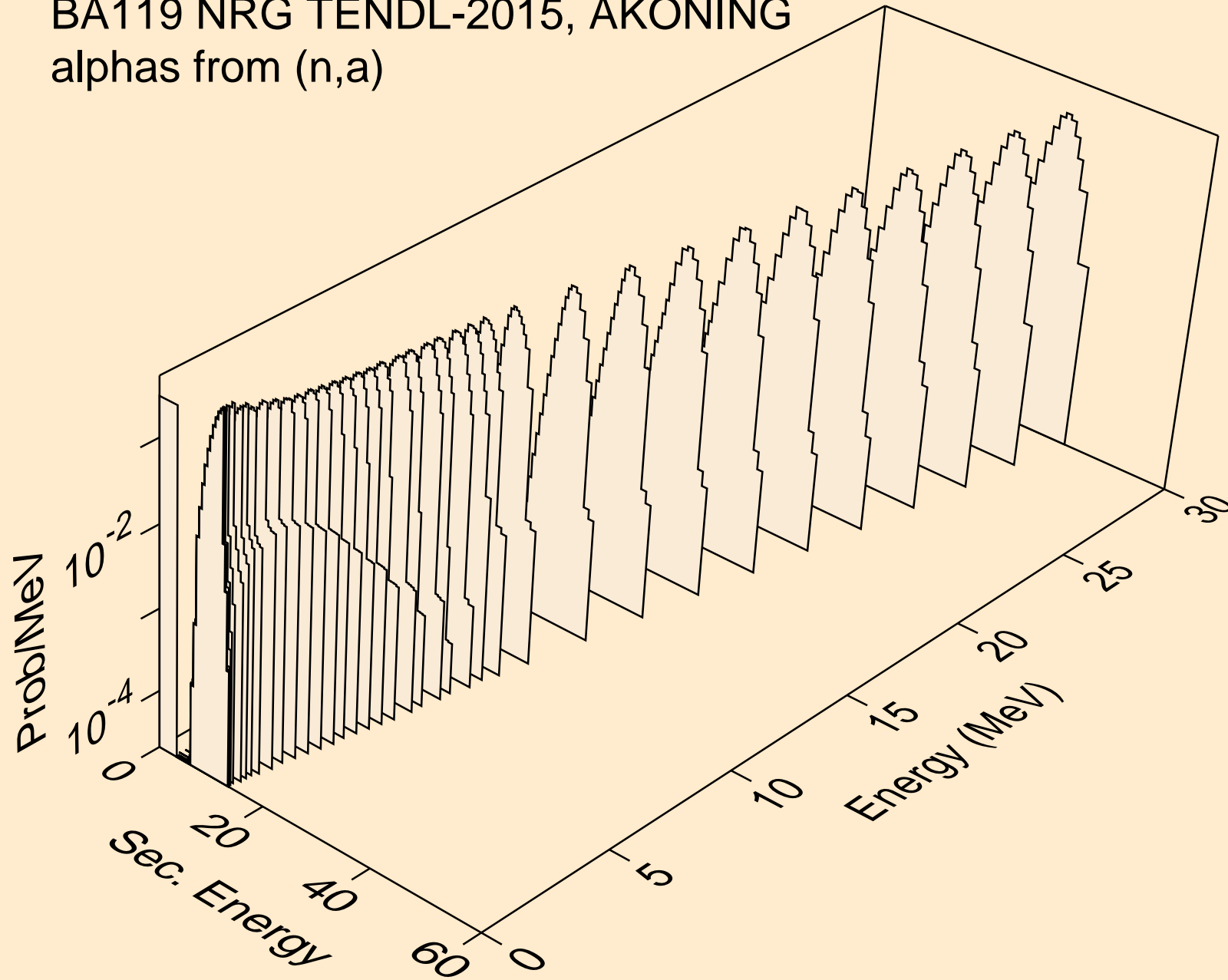


BA119 NRG TENDL-2015, AKONING  
alphas from (n,npa)

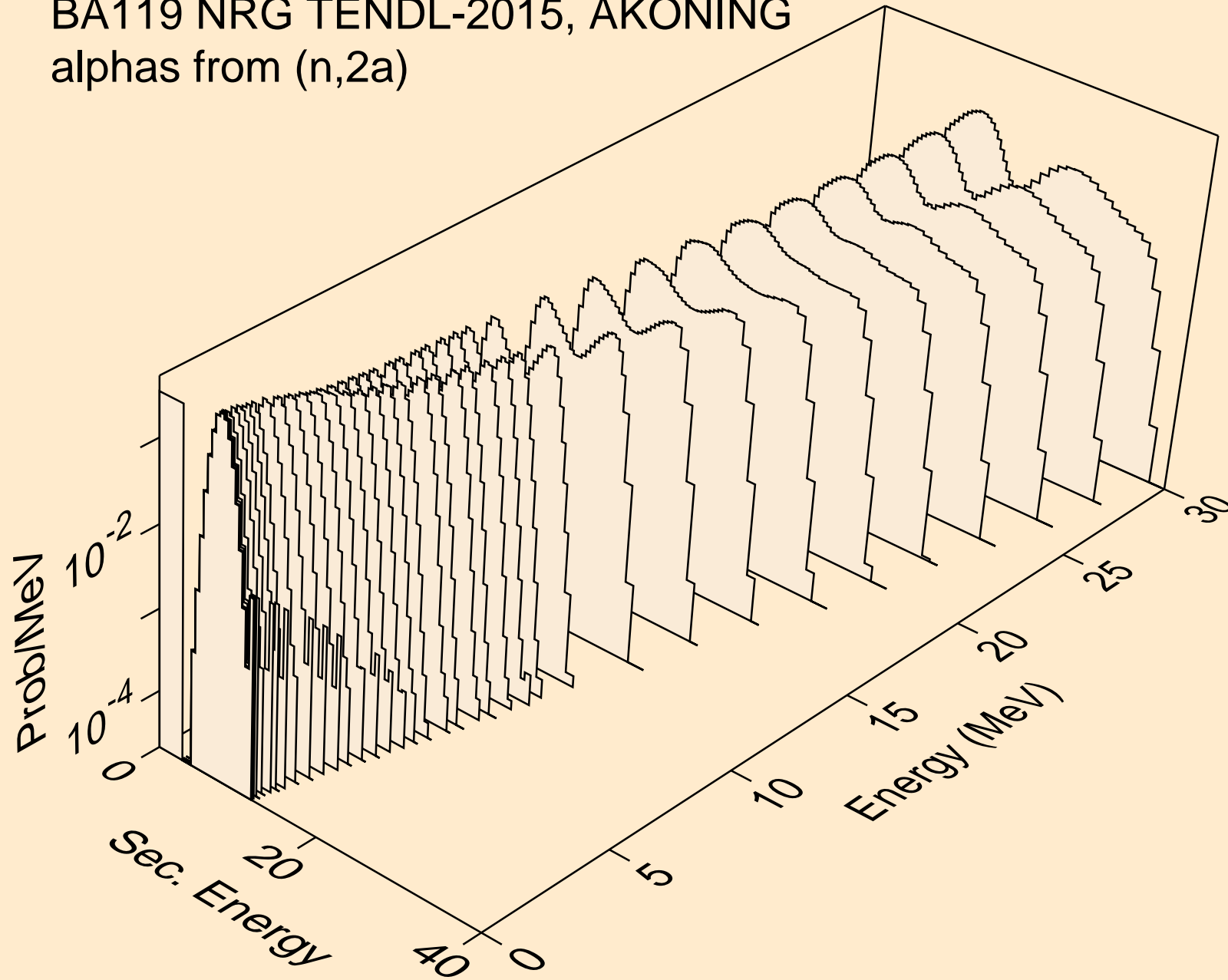




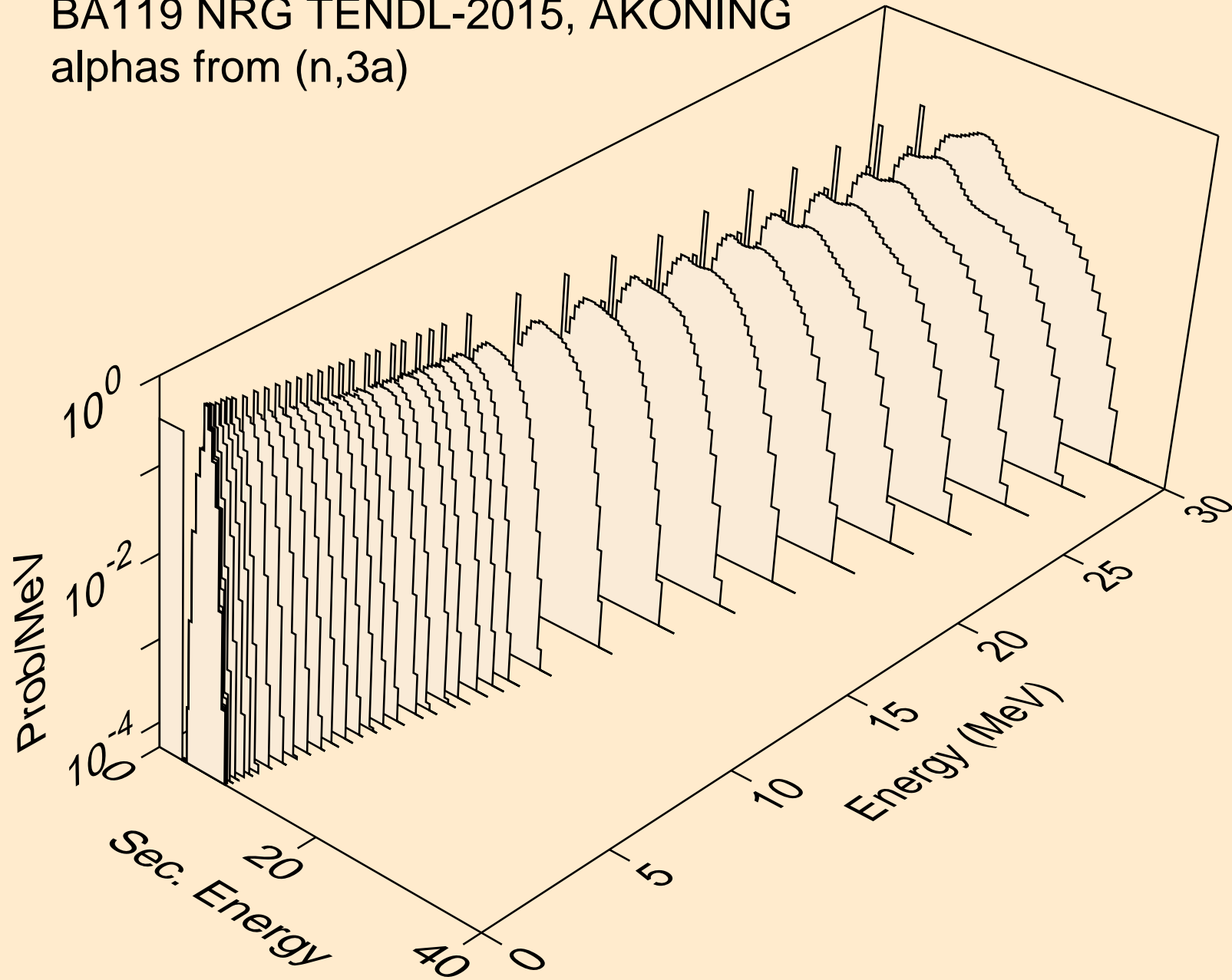
BA119 NRG TENDL-2015, AKONING  
alphas from (n,a)



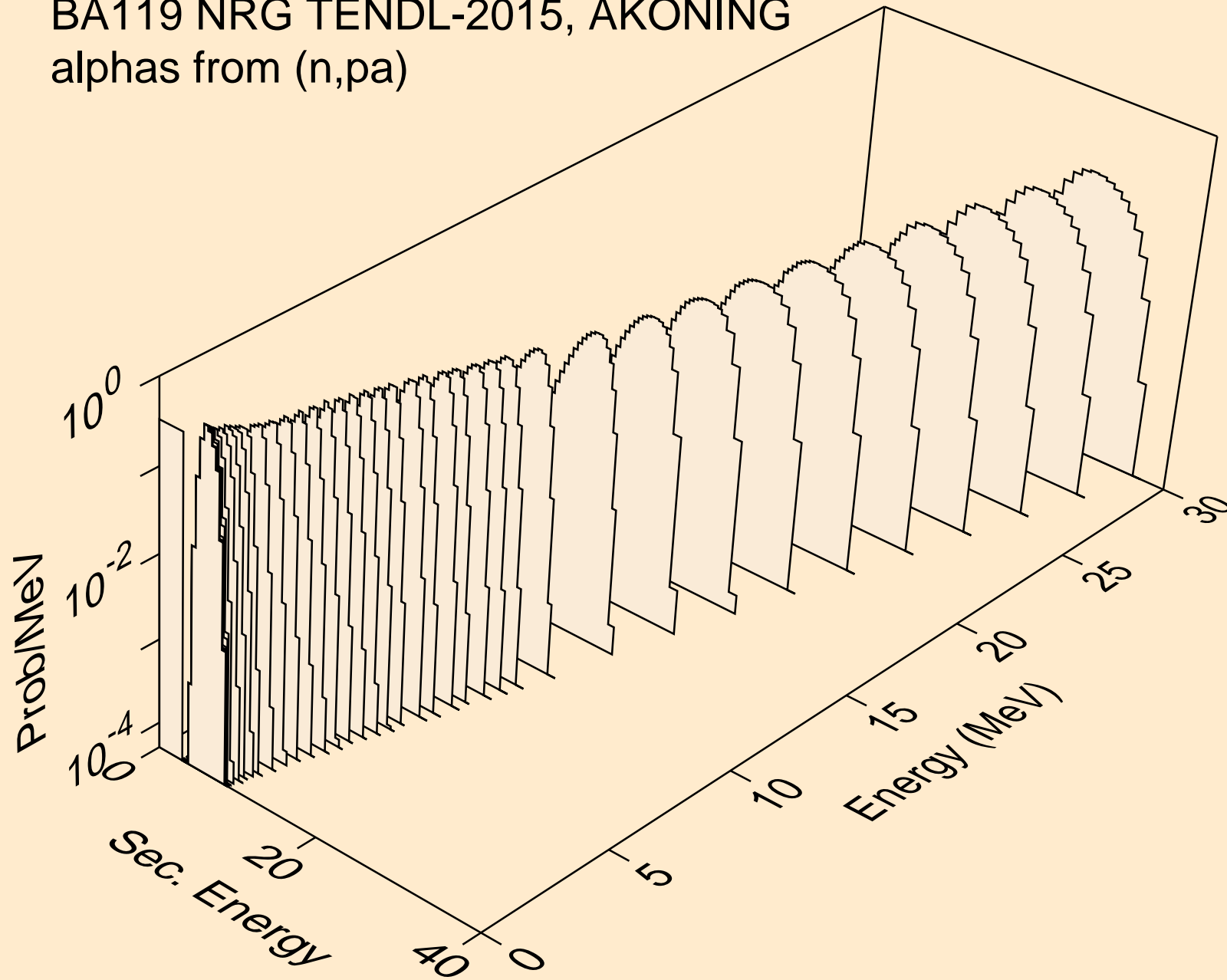
BA119 NRG TENDL-2015, AKONING  
alphas from (n,2a)



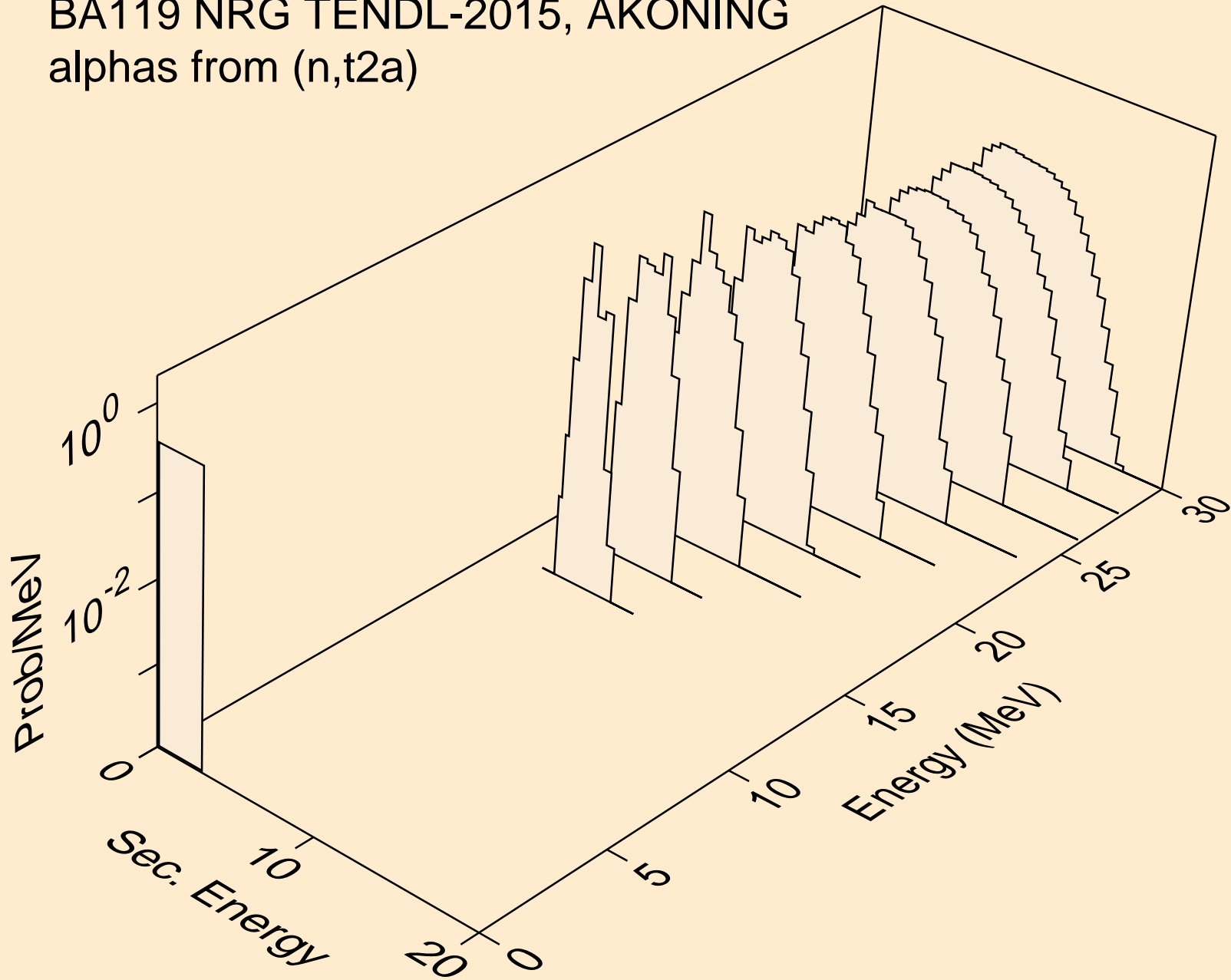
BA119 NRG TENDL-2015, AKONING  
alphas from (n,3a)



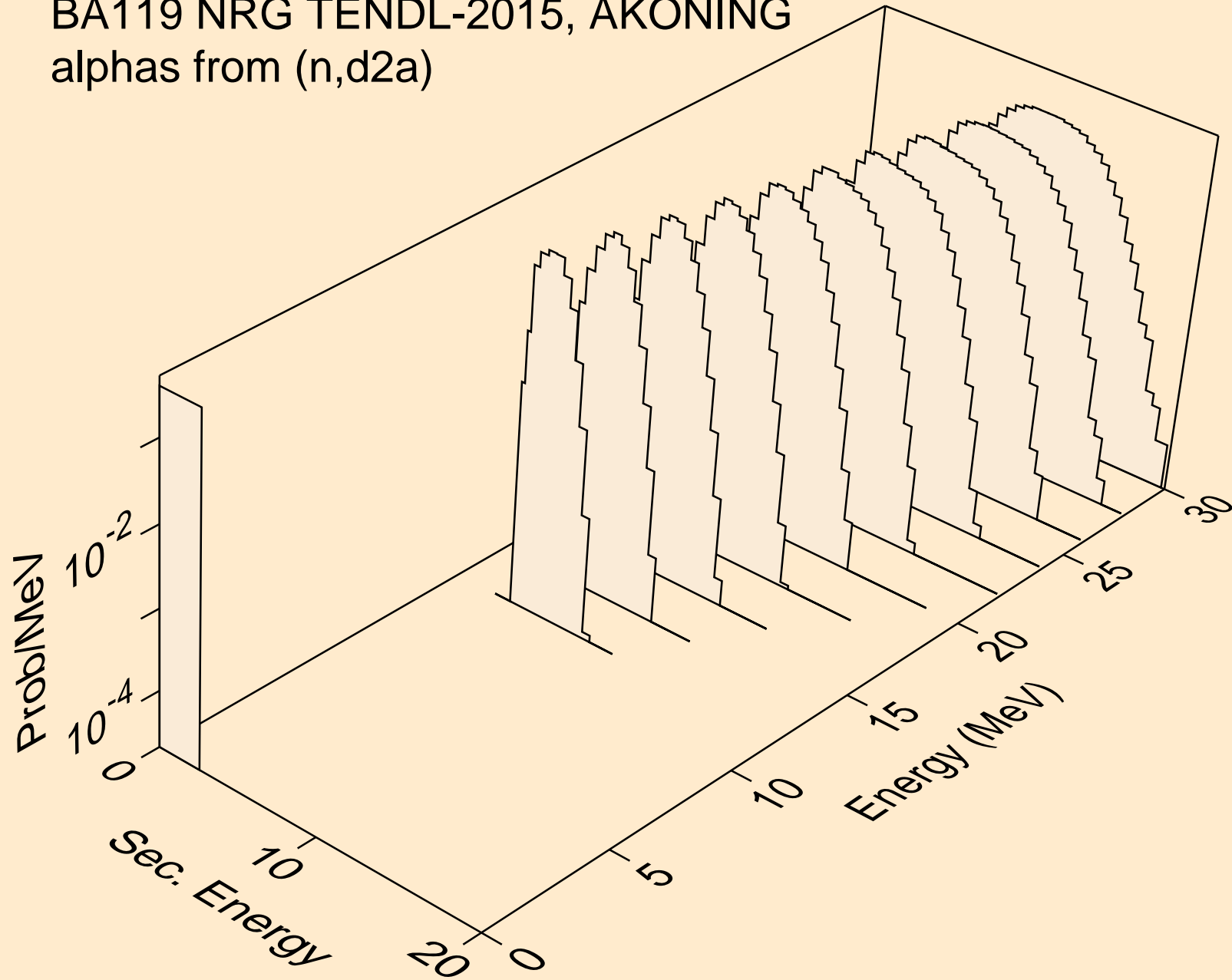
BA119 NRG TENDL-2015, AKONING  
alphas from (n,pa)



BA119 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



BA119 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



BA119 NRG TENDL-2015, AKONING  
alphas from (n,da)

