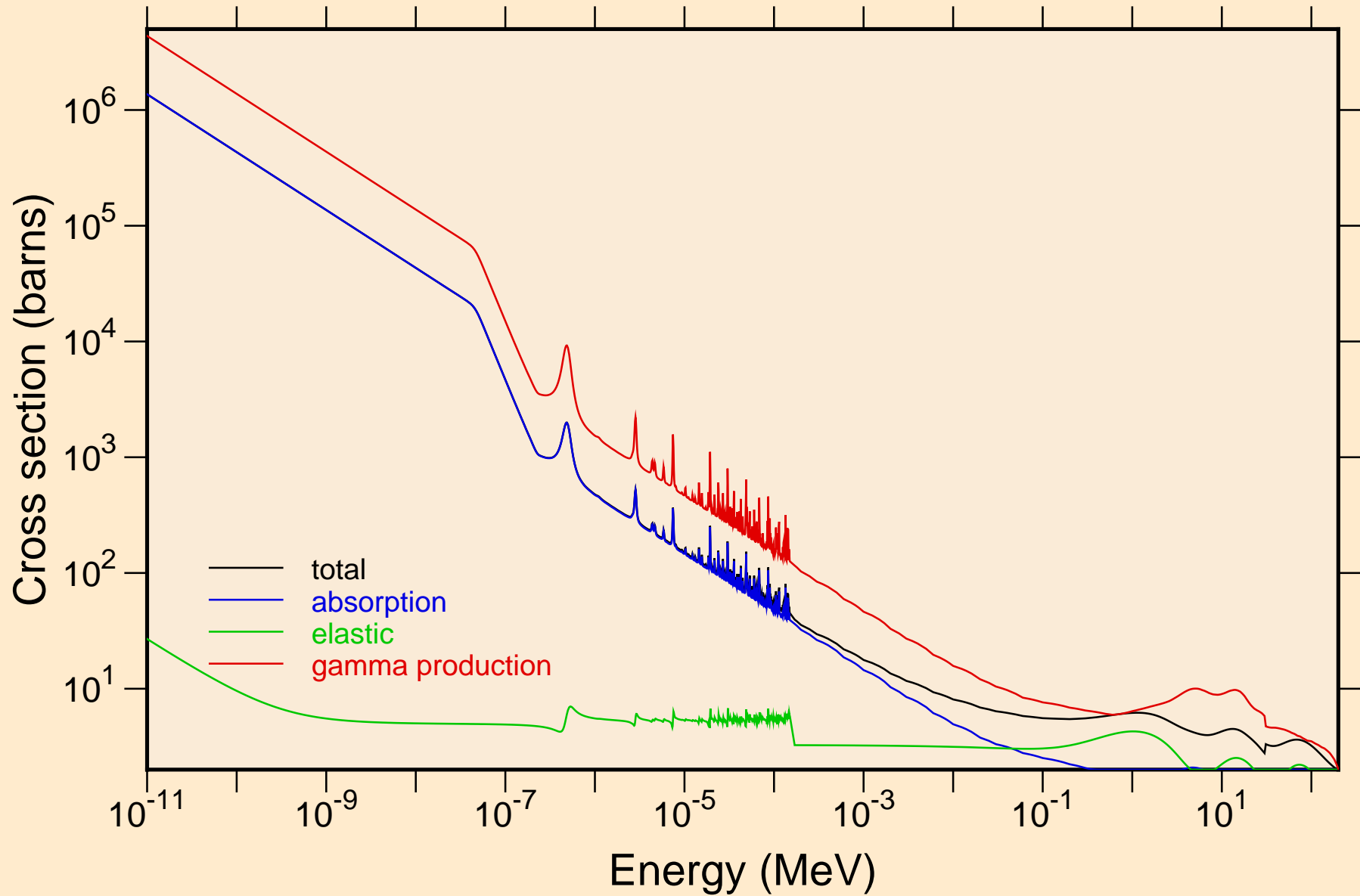
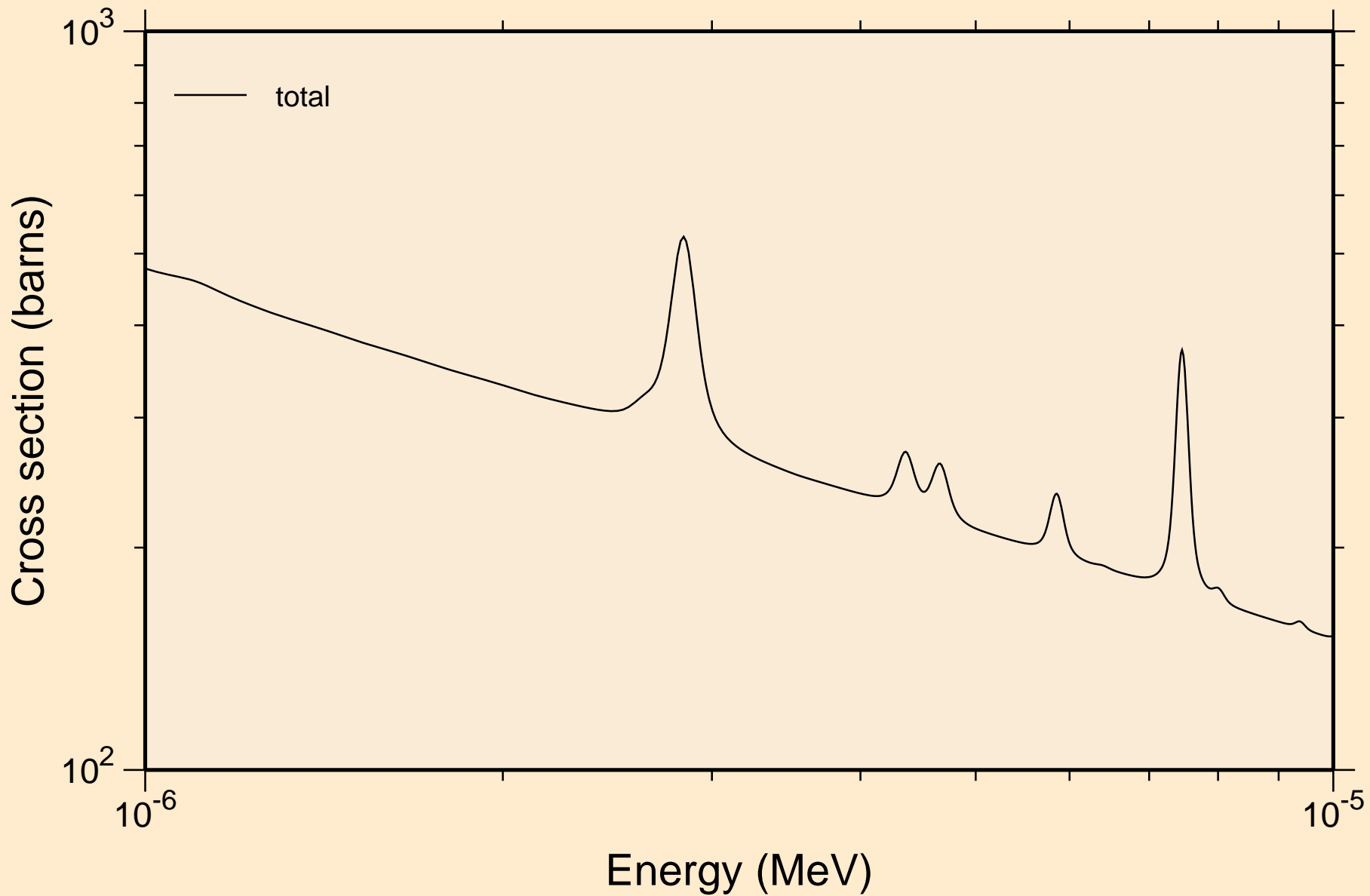


# CS117 NRG TENDL-2015, AKONING

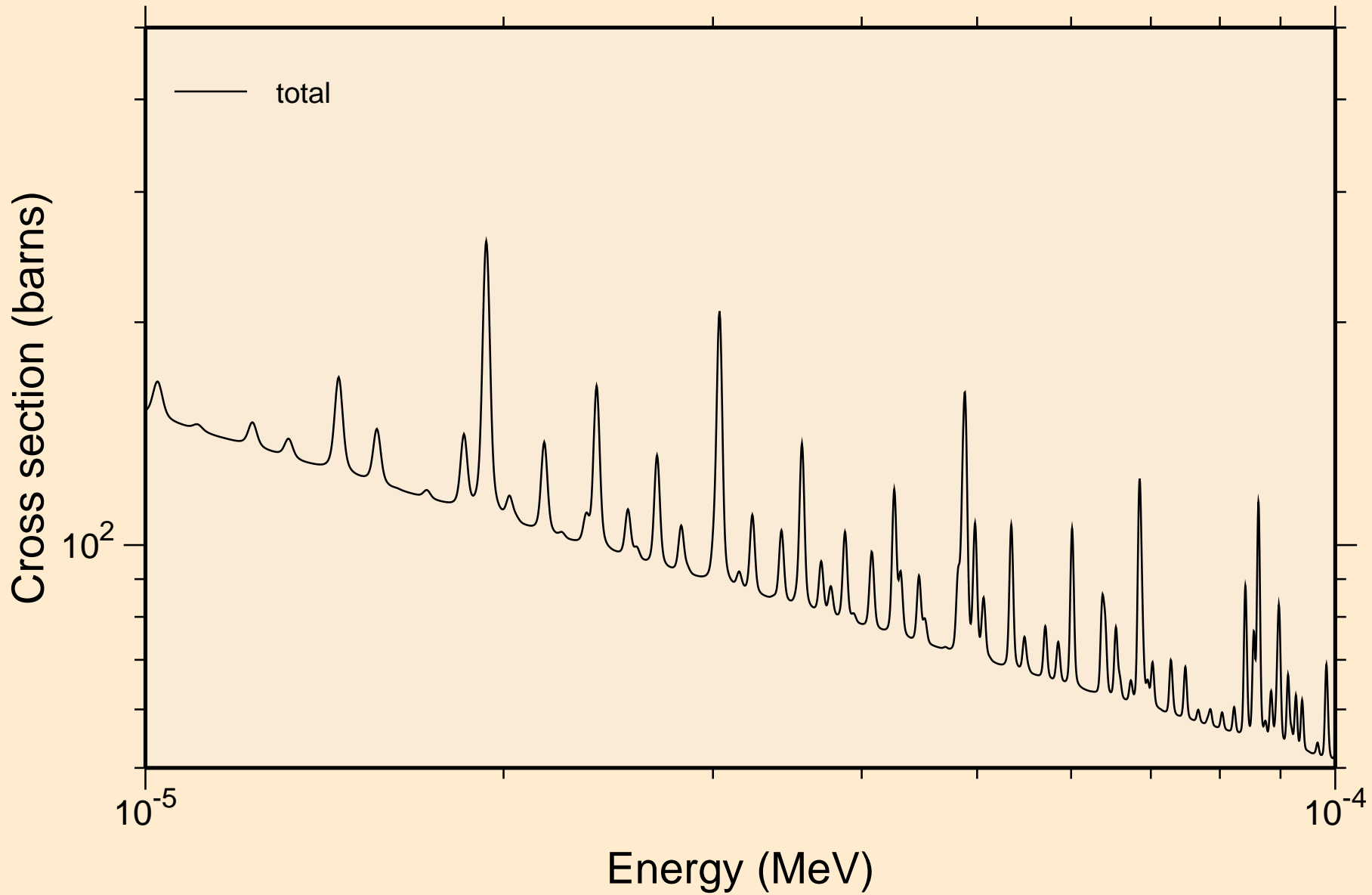
## Principal cross sections



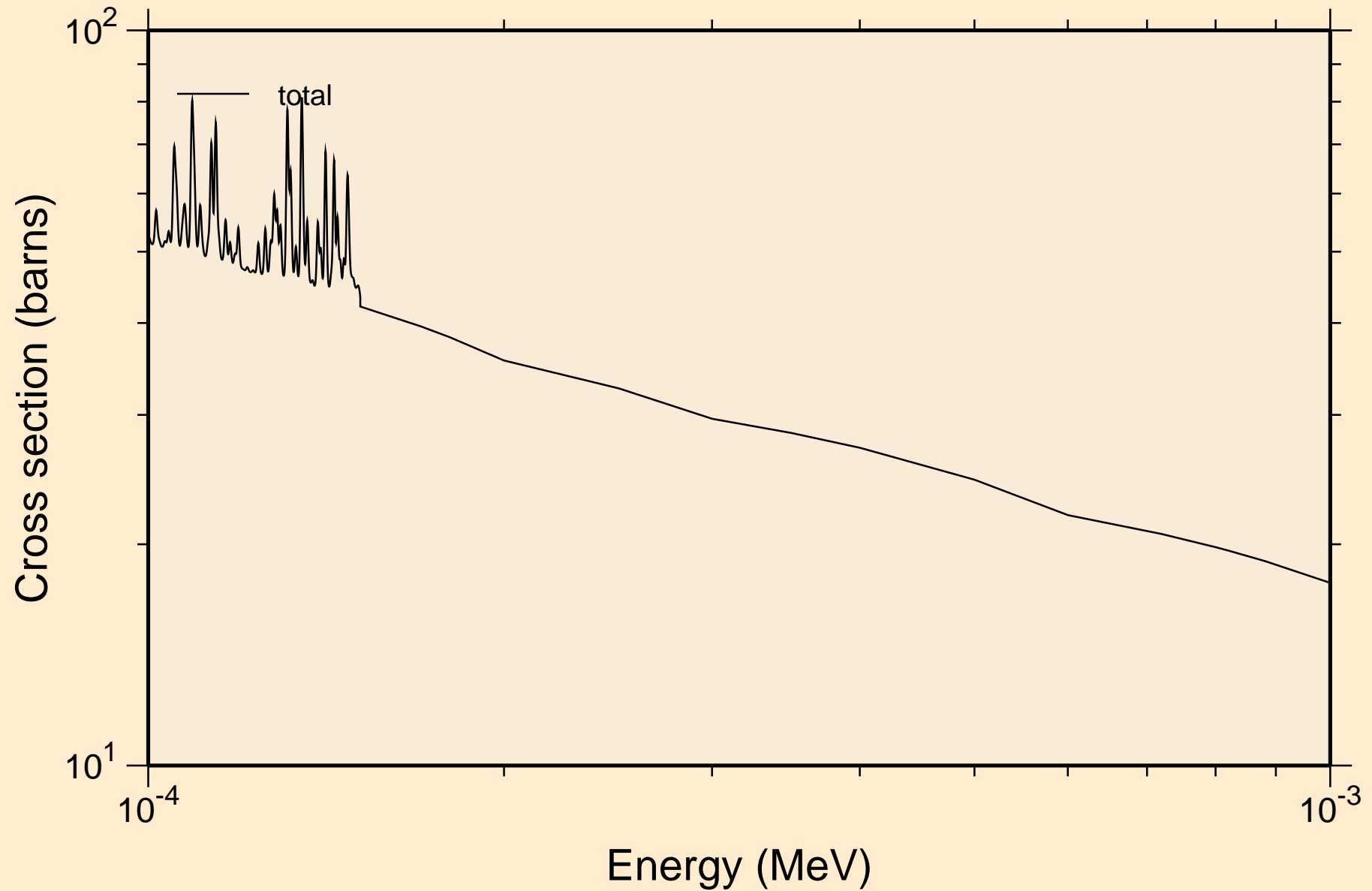
CS117 NRG TENDL-2015, AKONING  
resonance total cross section



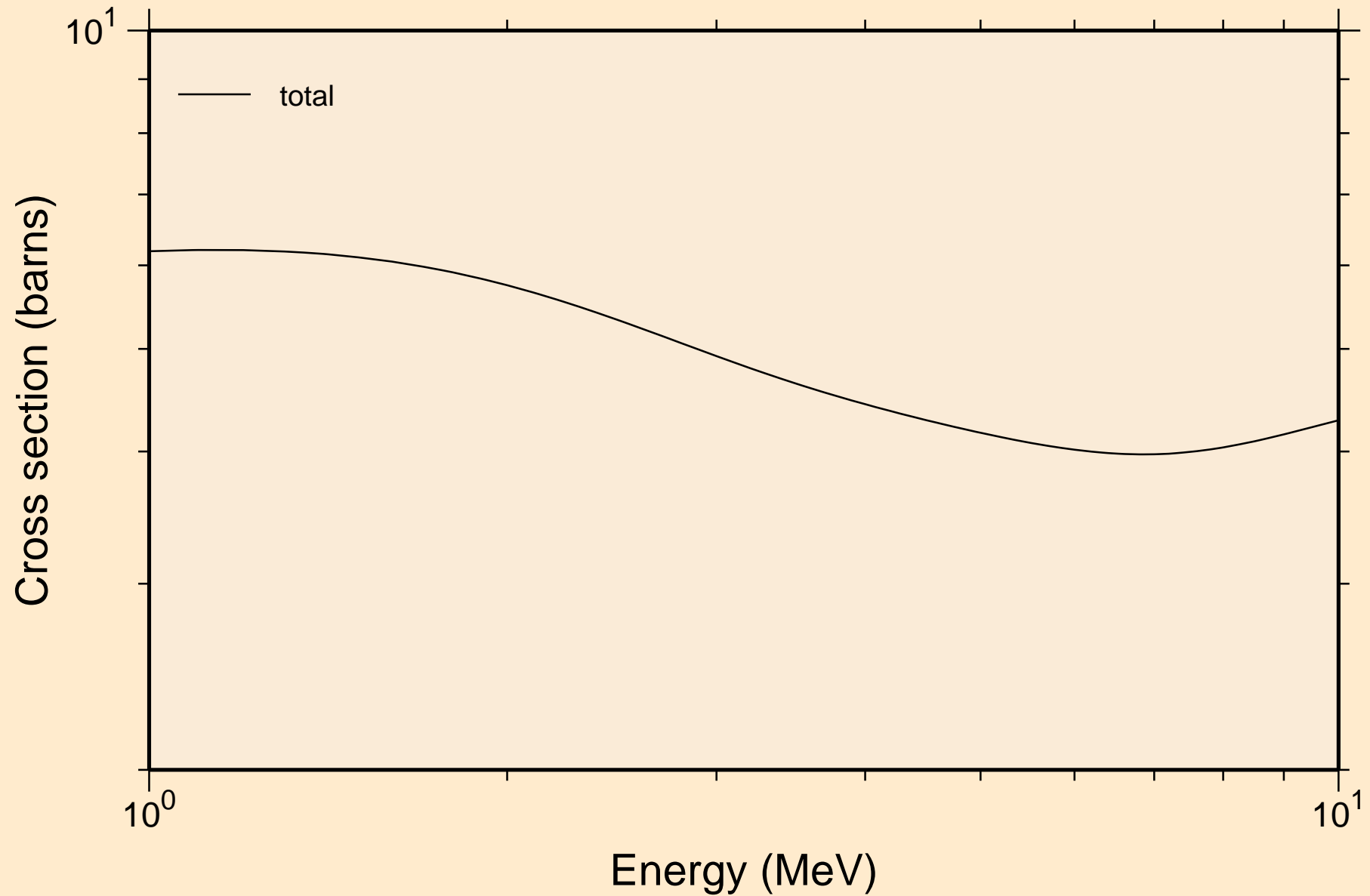
CS117 NRG TENDL-2015, AKONING  
resonance total cross section



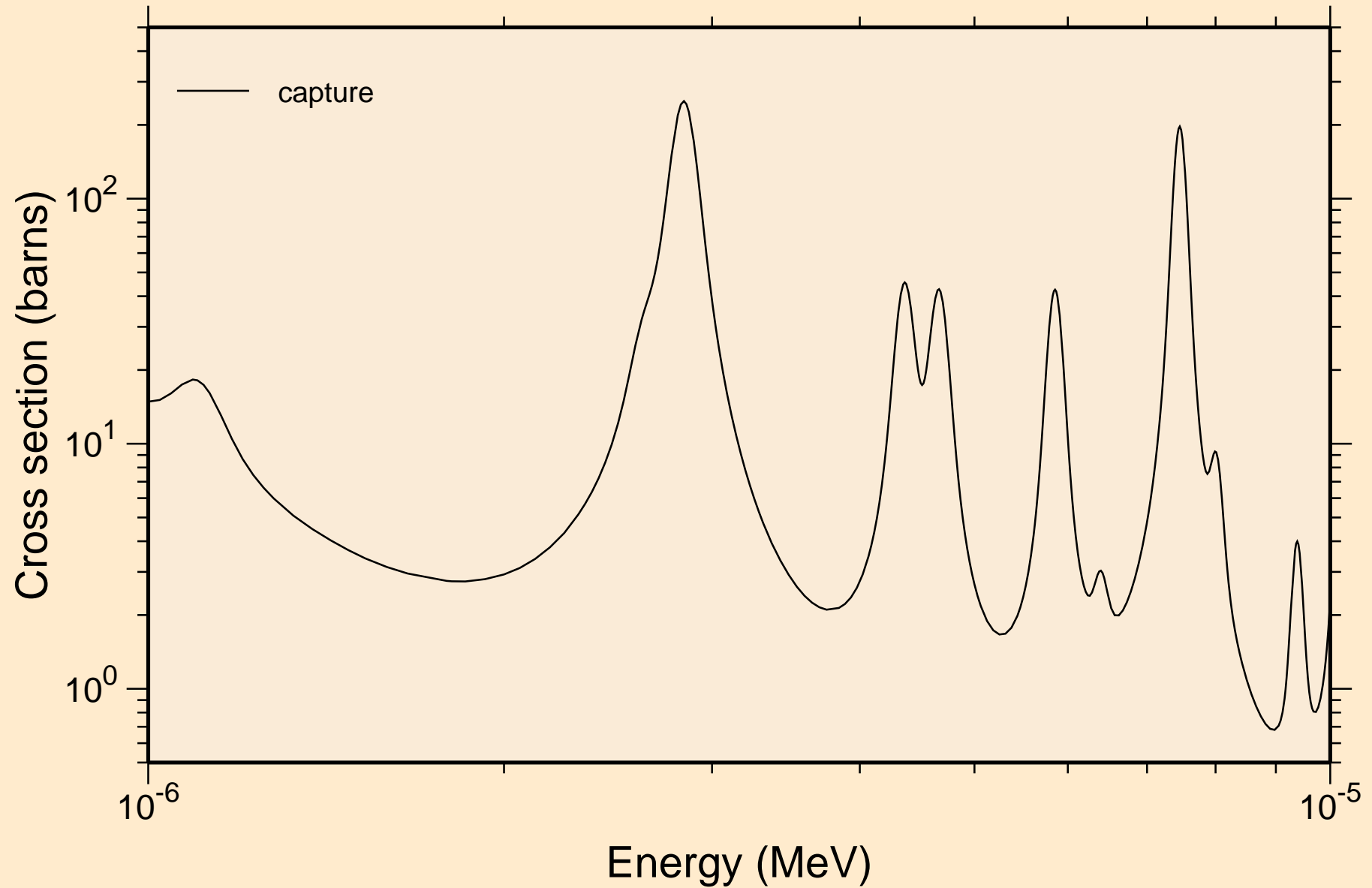
CS117 NRG TENDL-2015, AKONING  
resonance total cross section



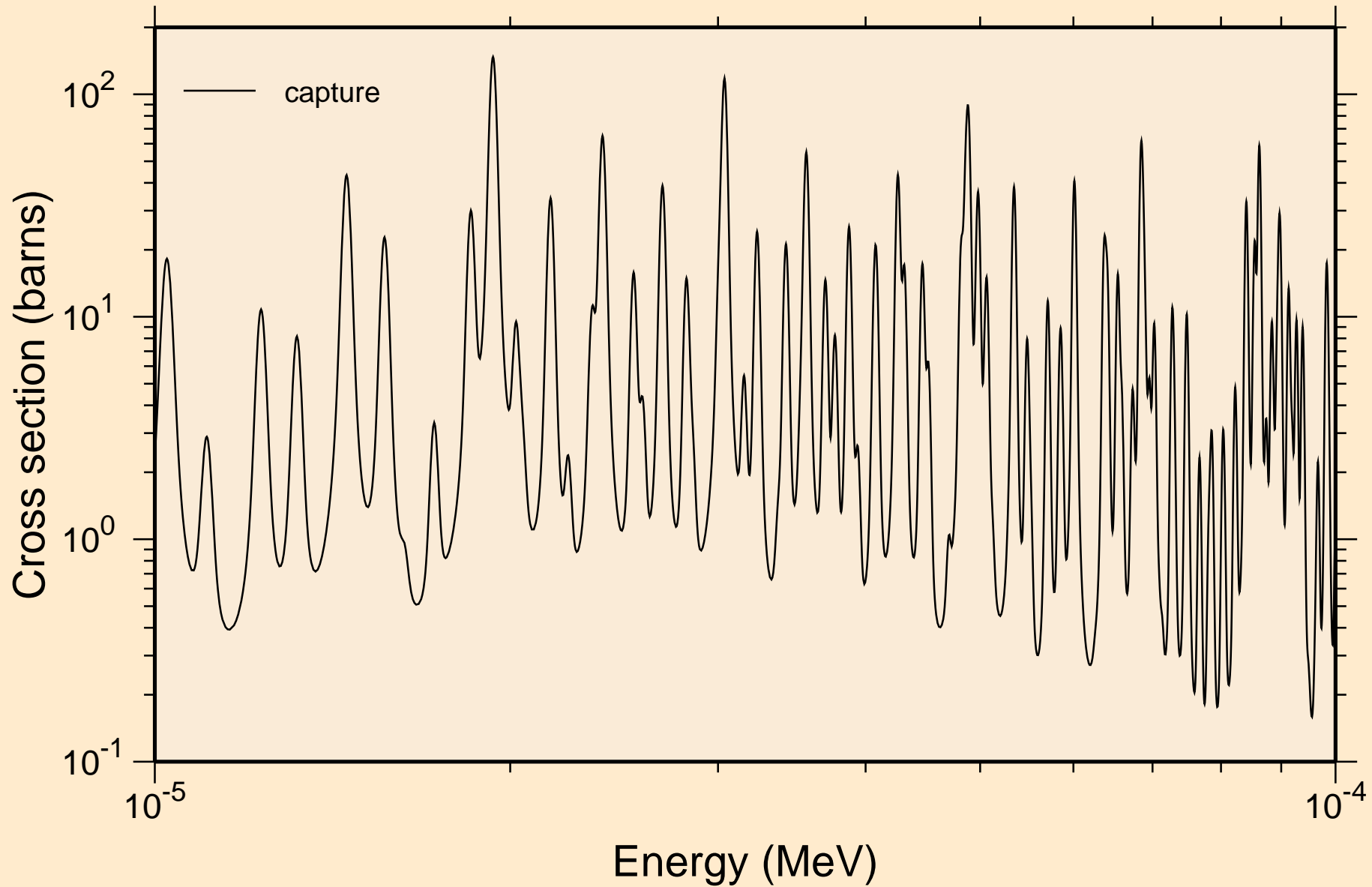
CS117 NRG TENDL-2015, AKONING  
resonance total cross section



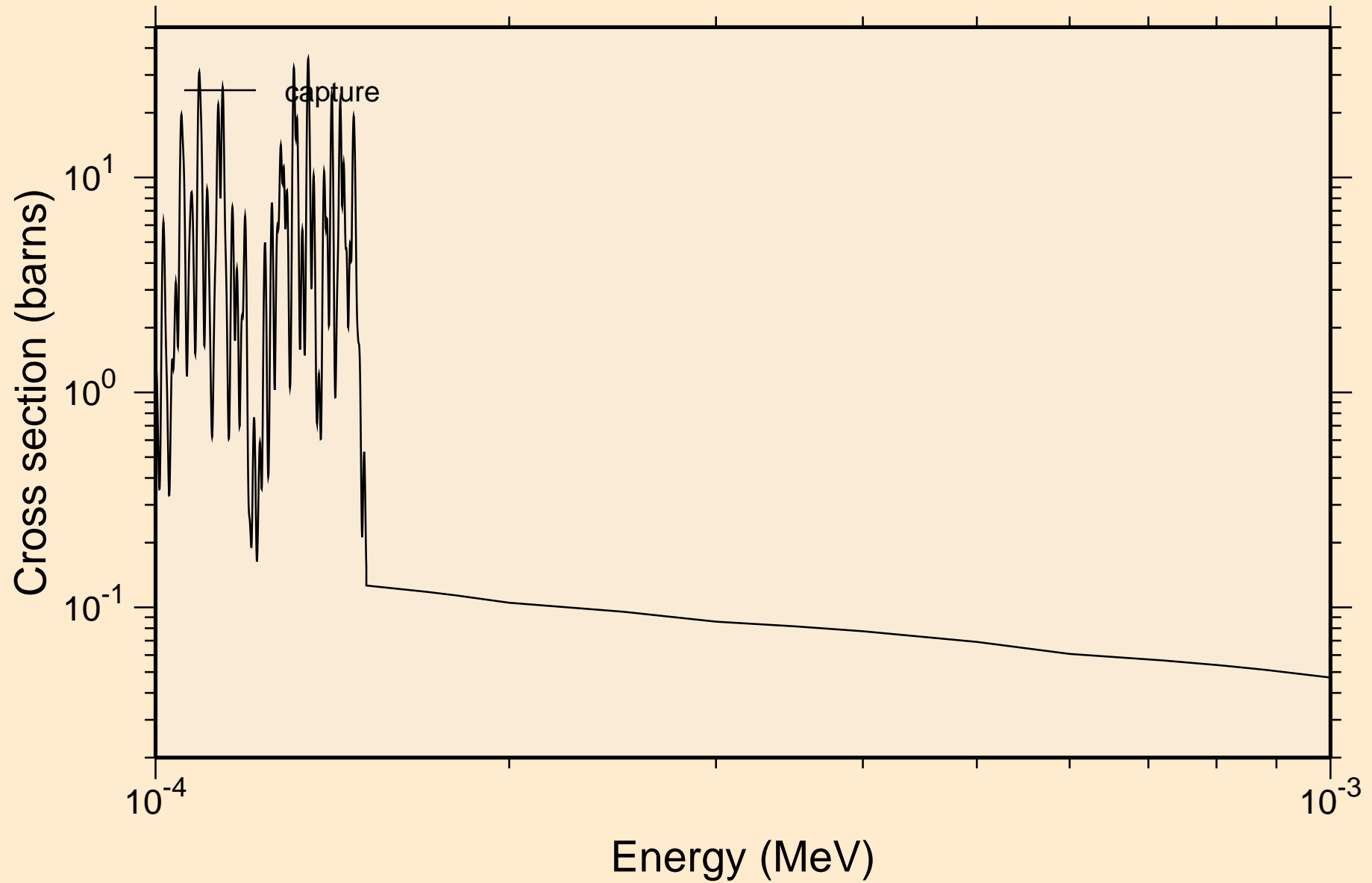
CS117 NRG TENDL-2015, AKONING  
resonance absorption cross sections



CS117 NRG TENDL-2015, AKONING  
resonance absorption cross sections

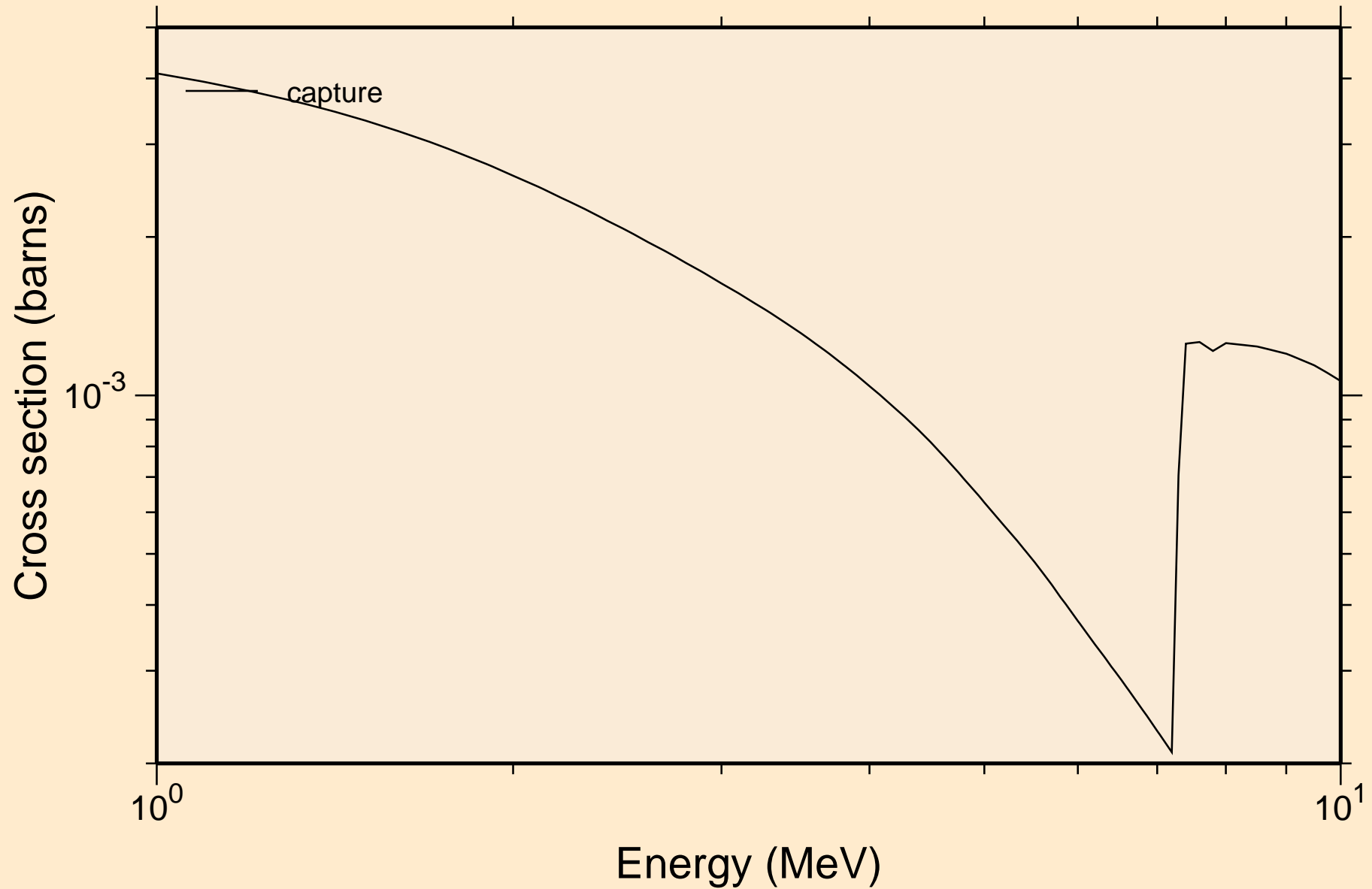


CS117 NRG TENDL-2015, AKONING  
resonance absorption cross sections



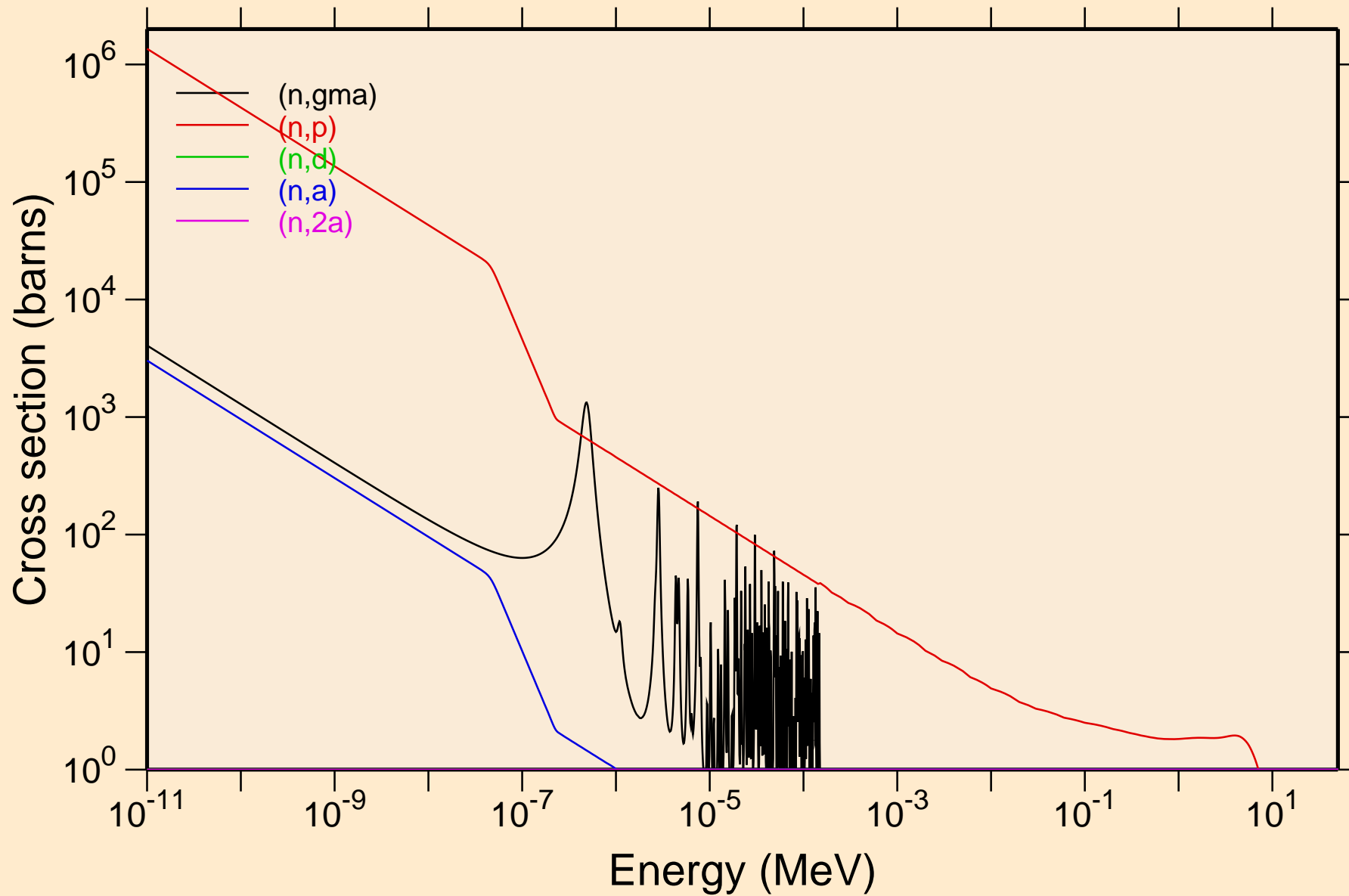


CS117 NRG TENDL-2015, AKONING  
resonance absorption cross sections



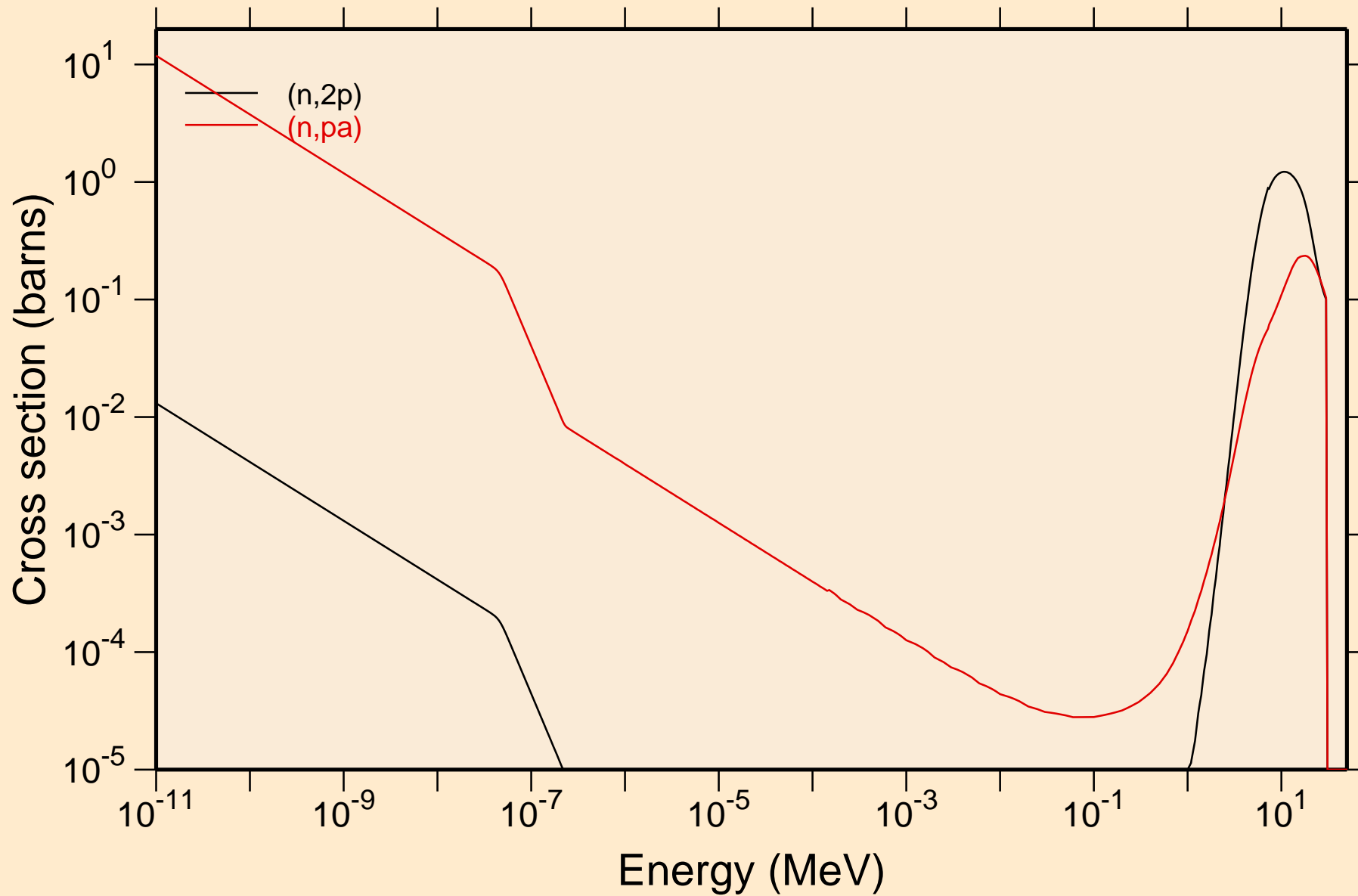
# CS117 NRG TENDL-2015, AKONING

## Non-threshold reactions



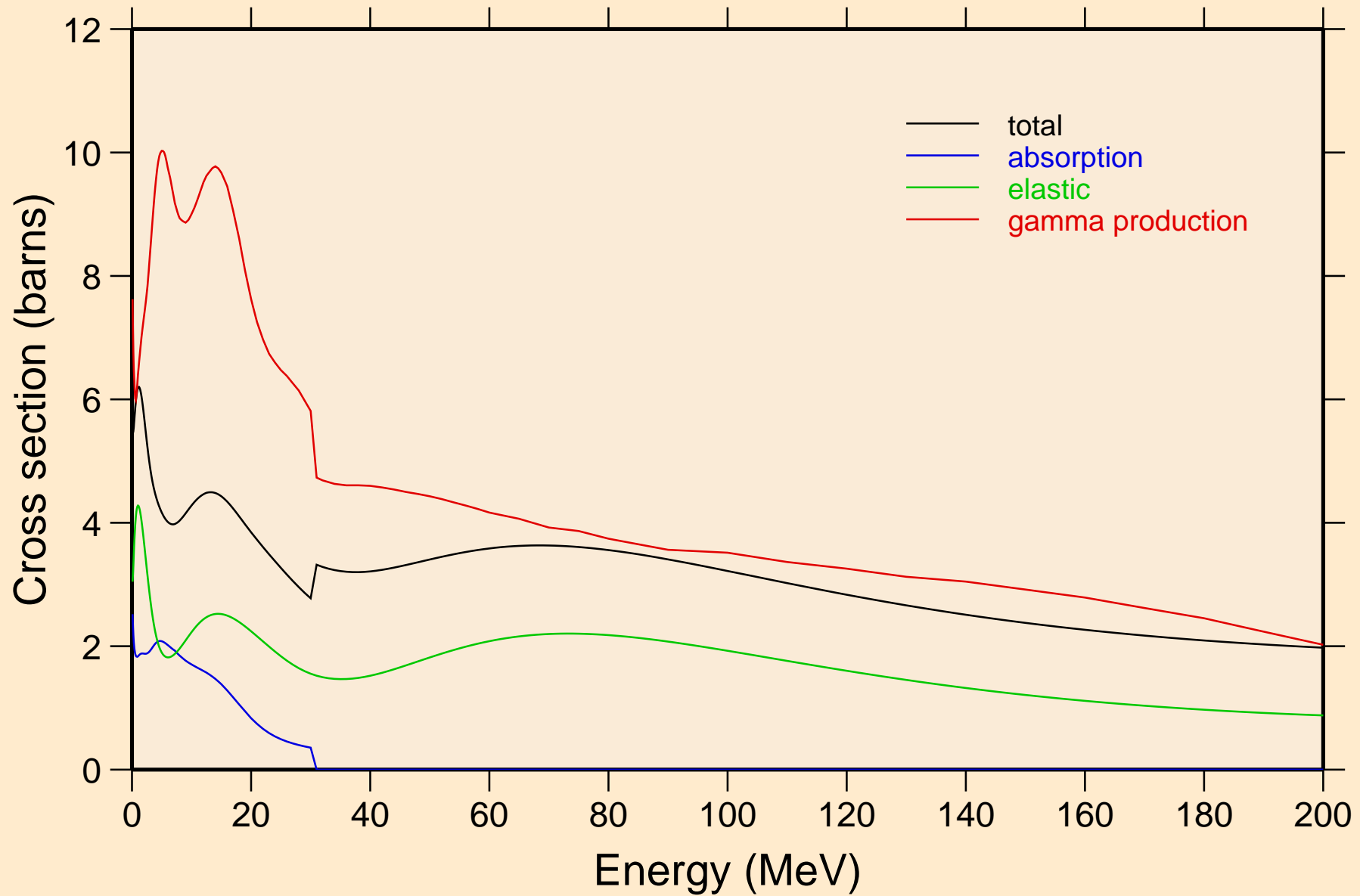
# CS117 NRG TENDL-2015, AKONING

## Non-threshold reactions



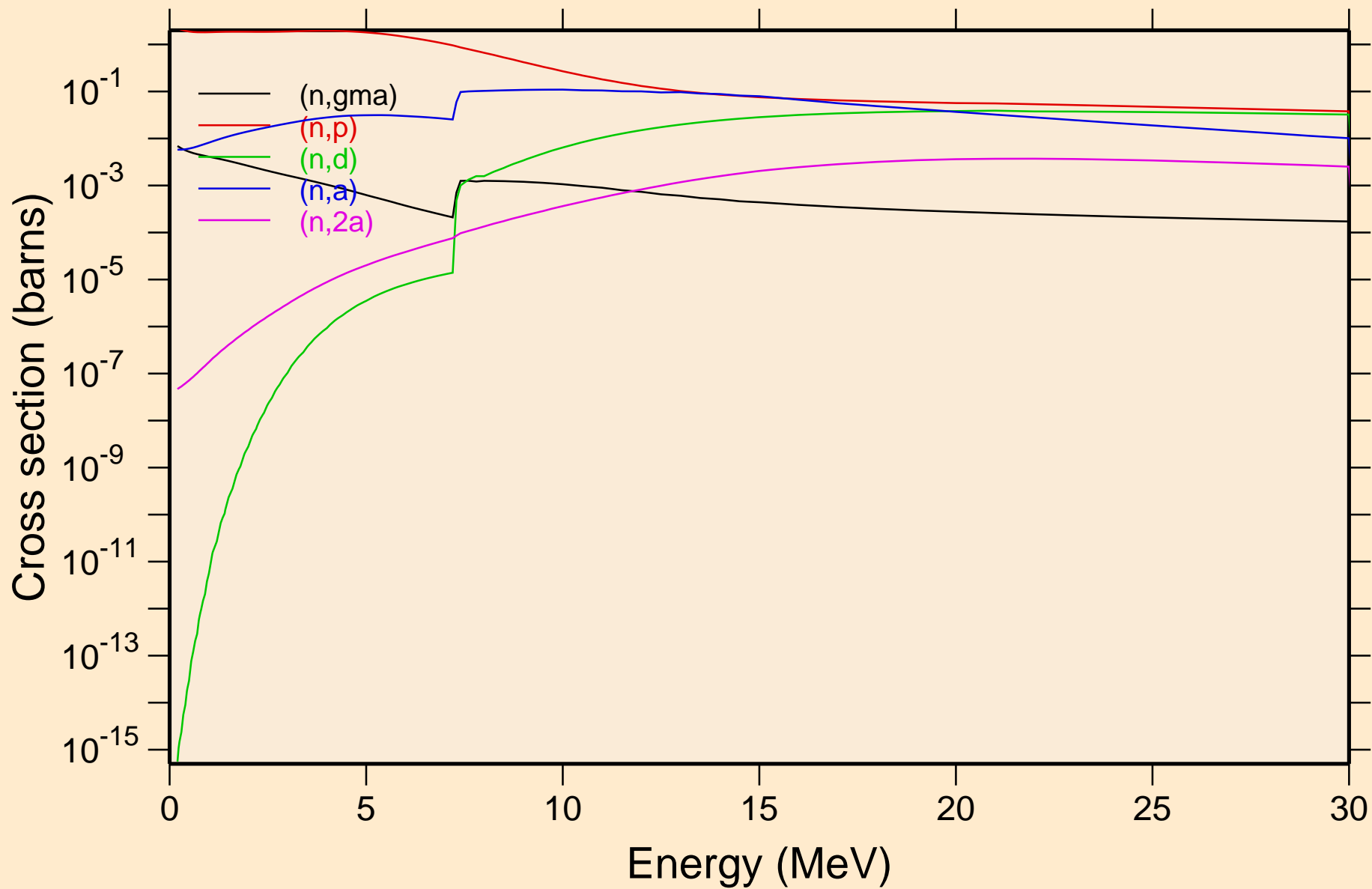
# CS117 NRG TENDL-2015, AKONING

## Principal cross sections



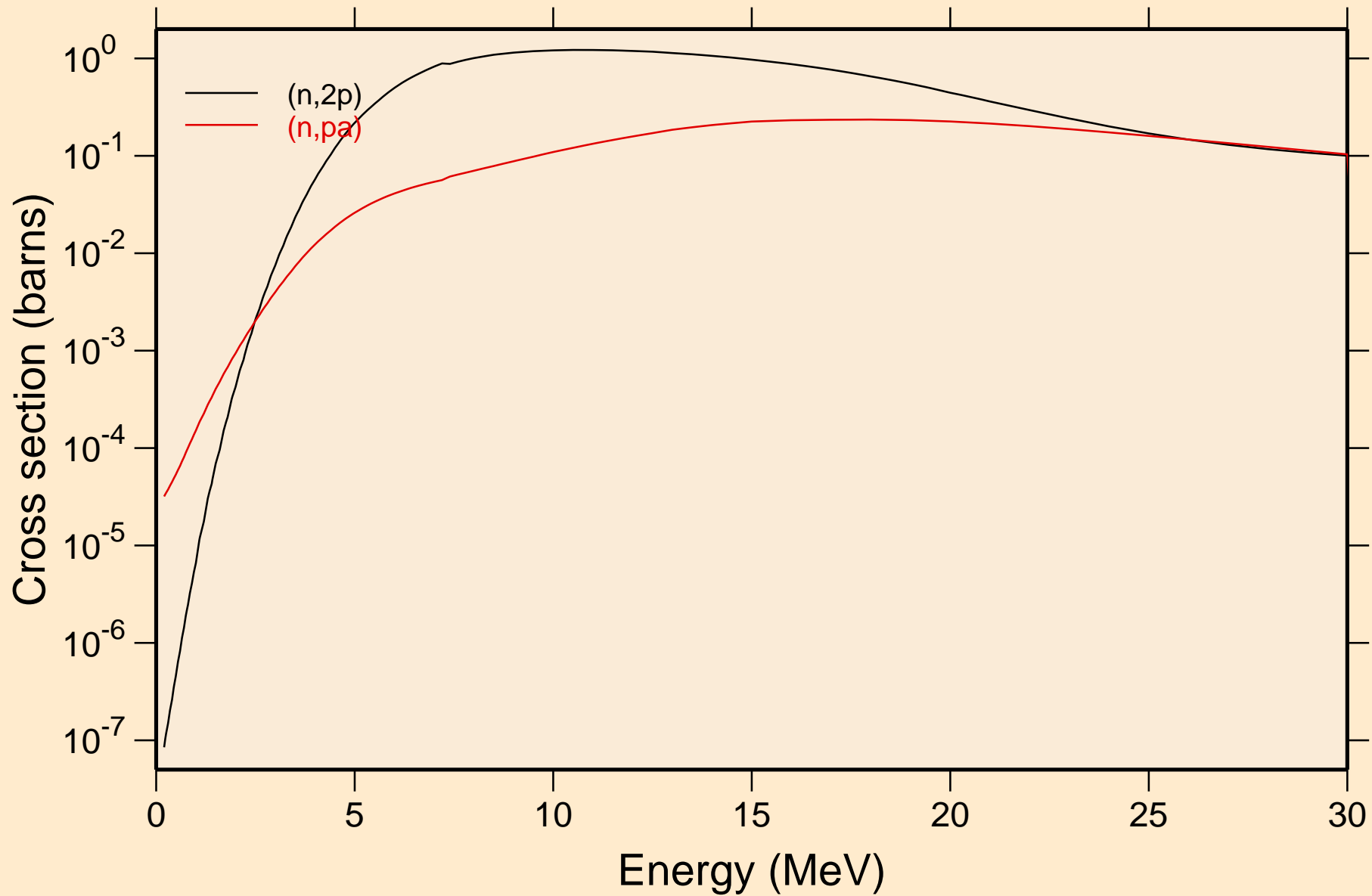
# CS117 NRG TENDL-2015, AKONING

## Non-threshold reactions



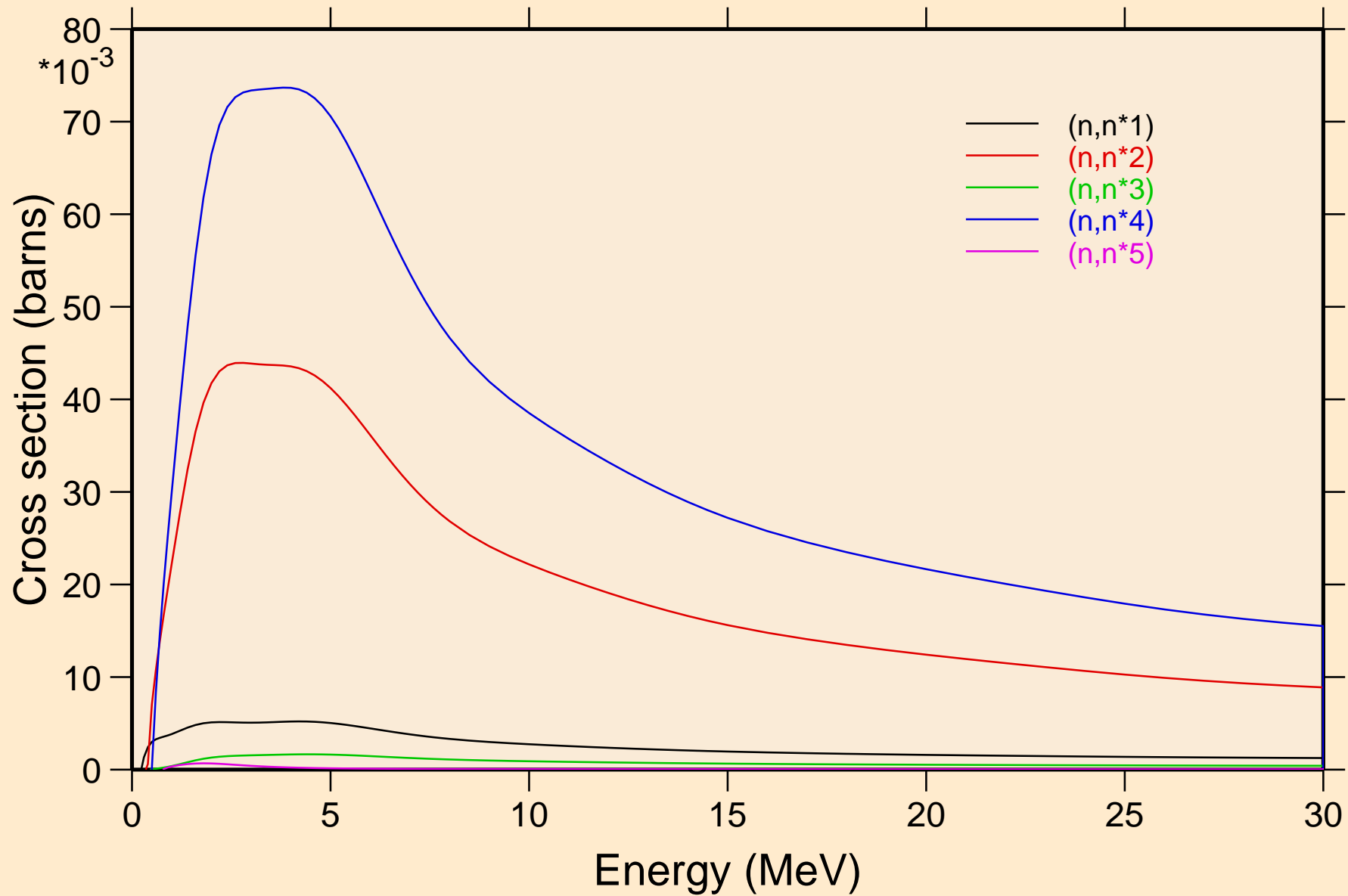
# CS117 NRG TENDL-2015, AKONING

## Non-threshold reactions



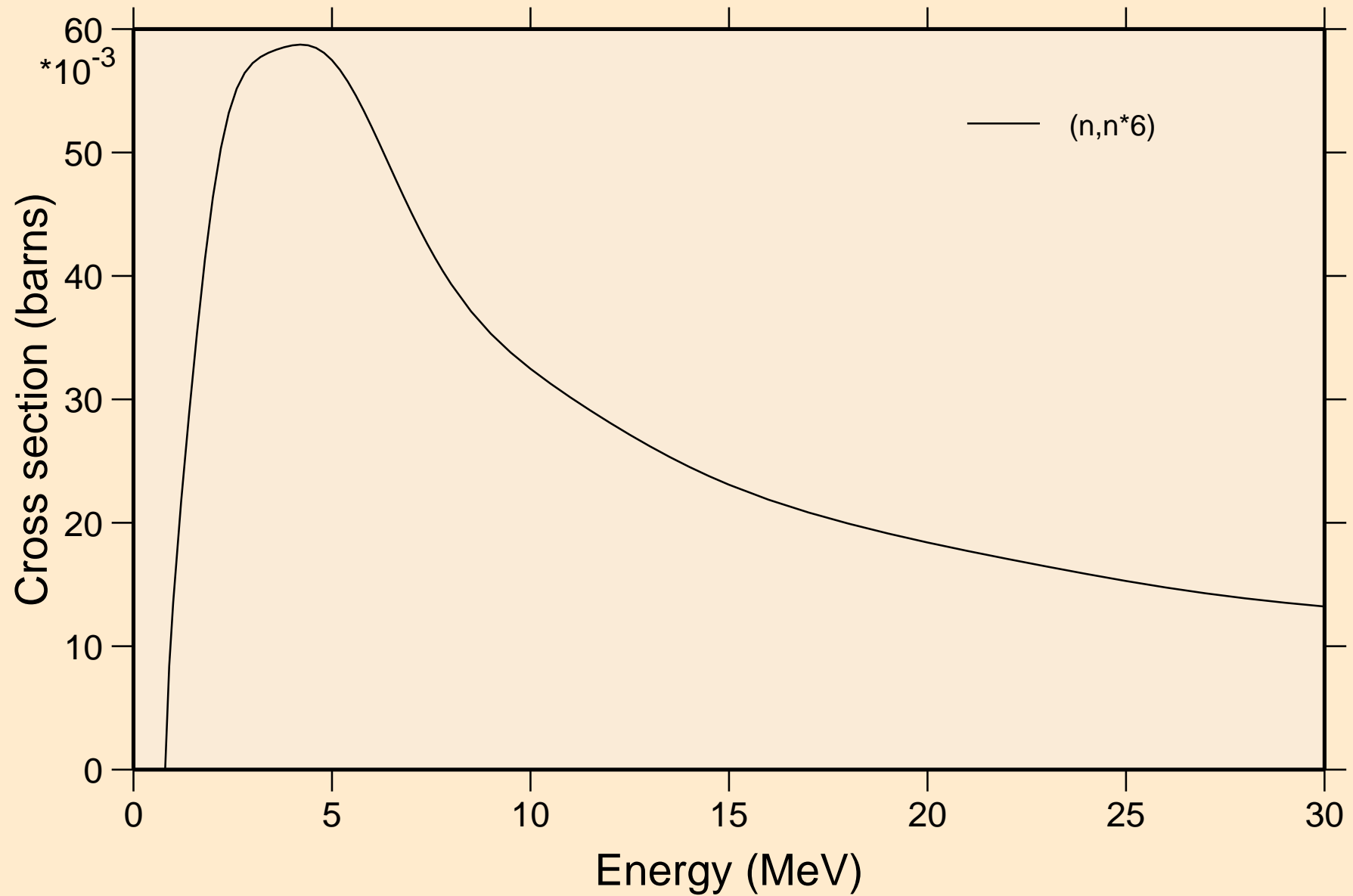
# CS117 NRG TENDL-2015, AKONING

## Inelastic levels



# CS117 NRG TENDL-2015, AKONING

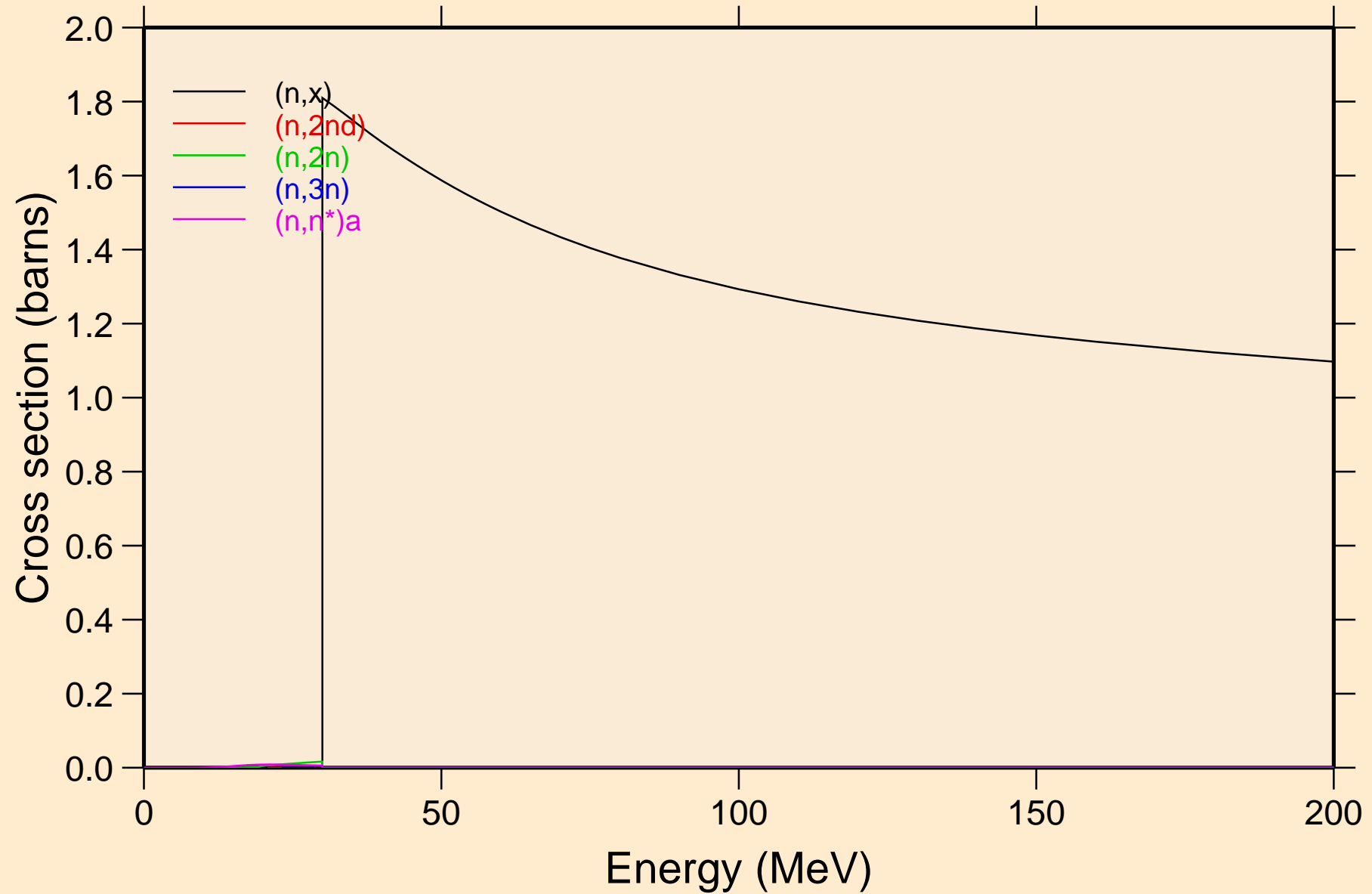
## Inelastic levels





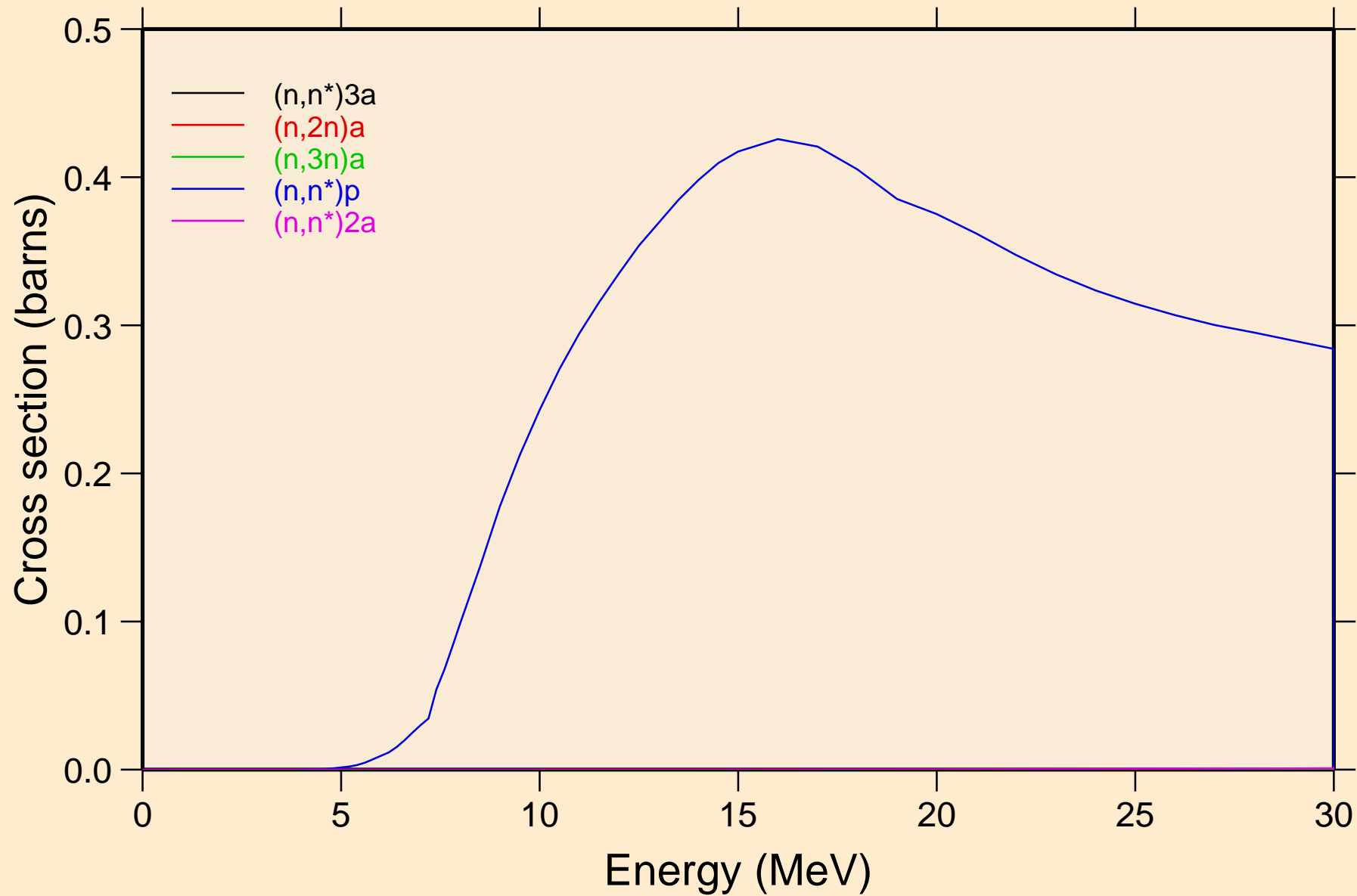
# CS117 NRG TENDL-2015, AKONING

## Threshold reactions



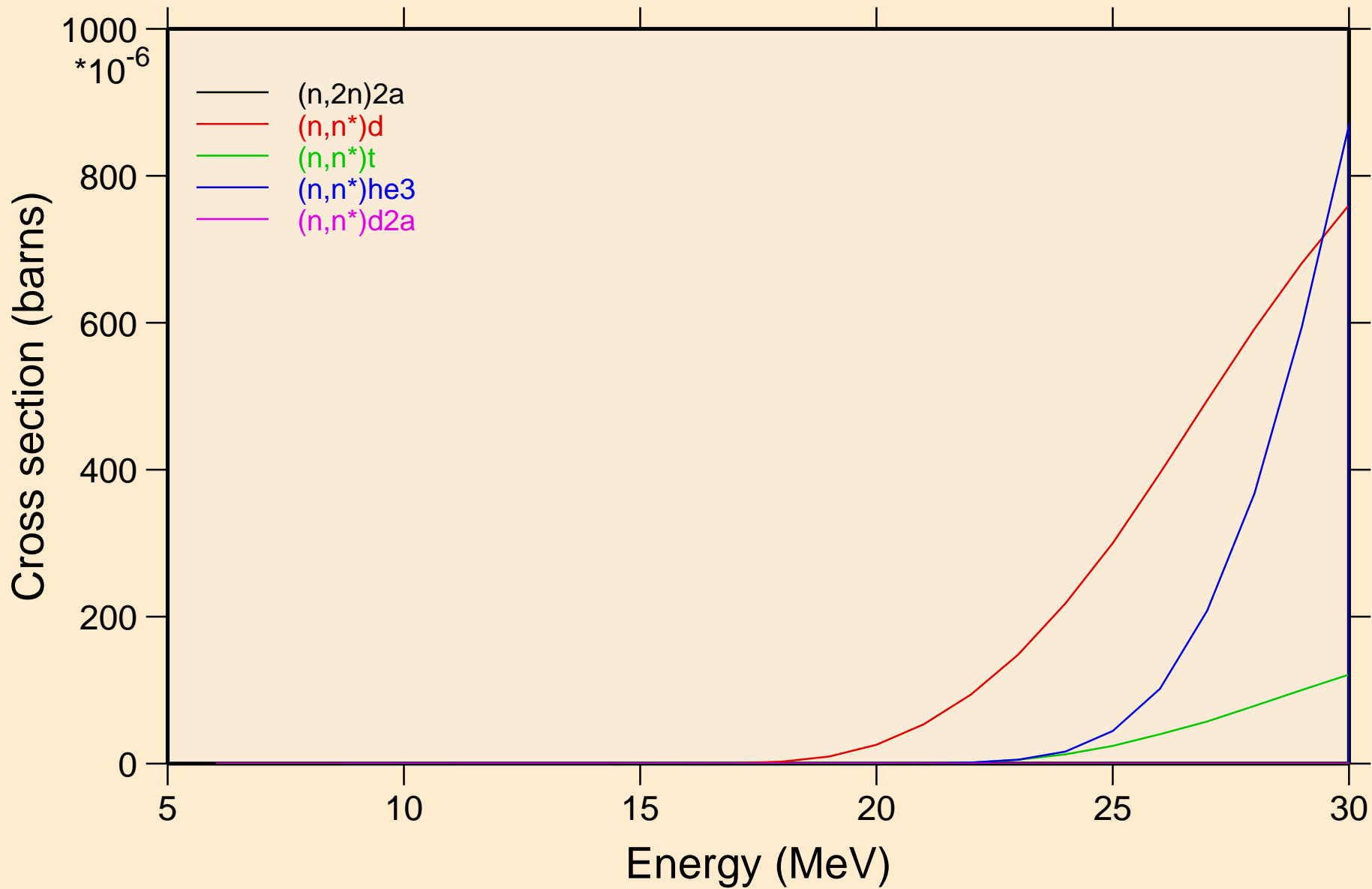
# CS117 NRG TENDL-2015, AKONING

## Threshold reactions



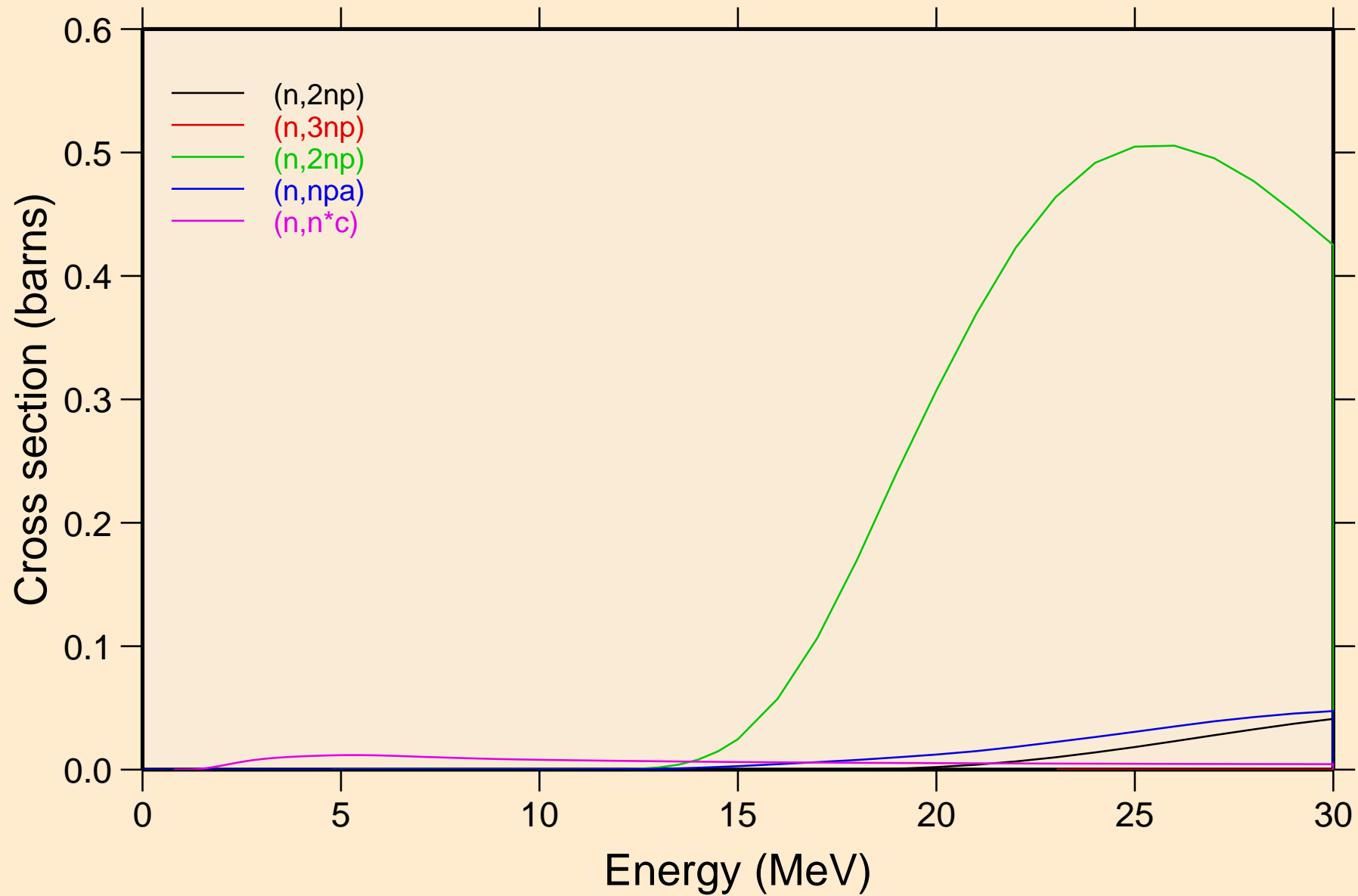
# CS117 NRG TENDL-2015, AKONING

## Threshold reactions



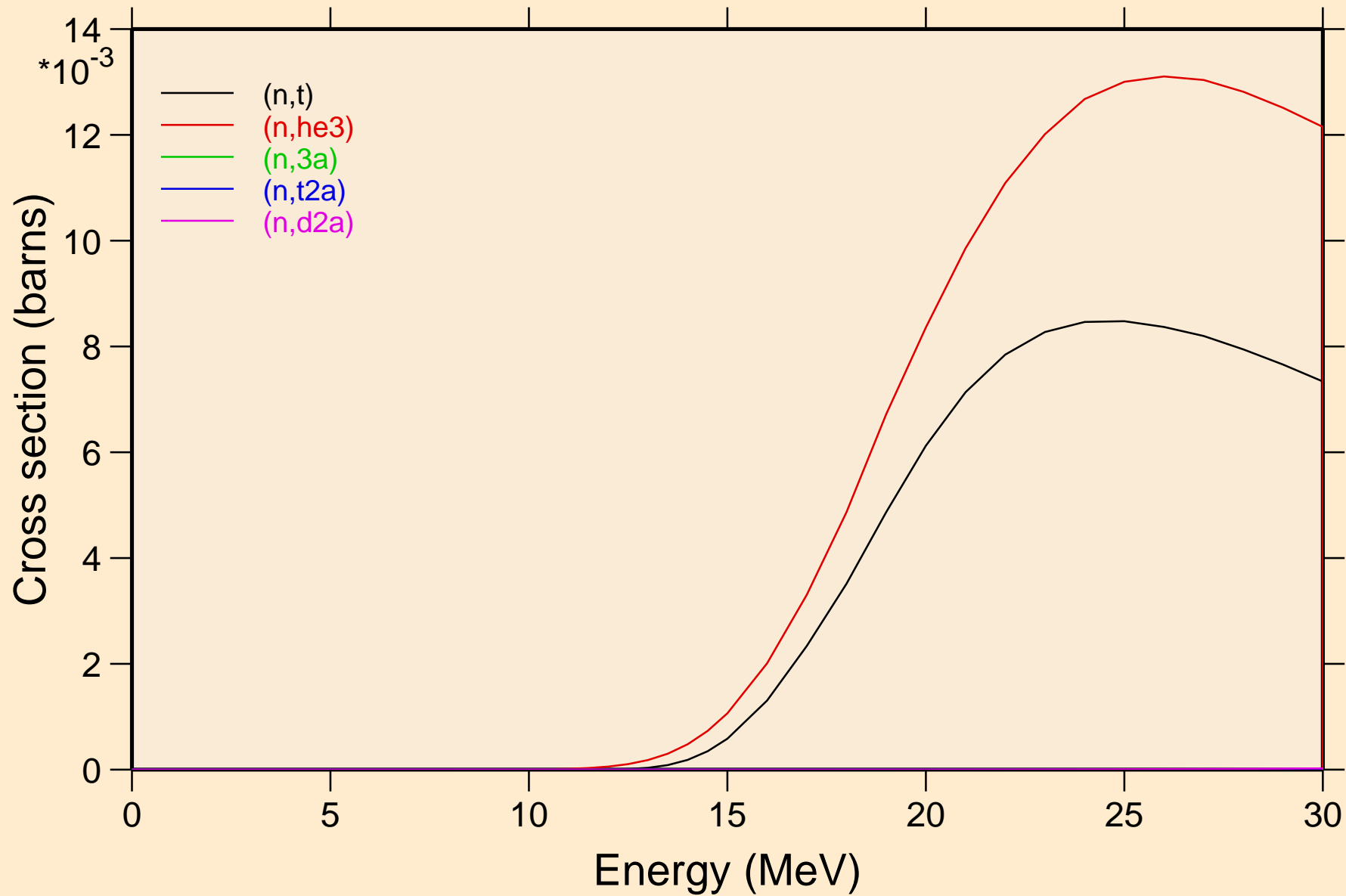
# CS117 NRG TENDL-2015, AKONING

## Threshold reactions



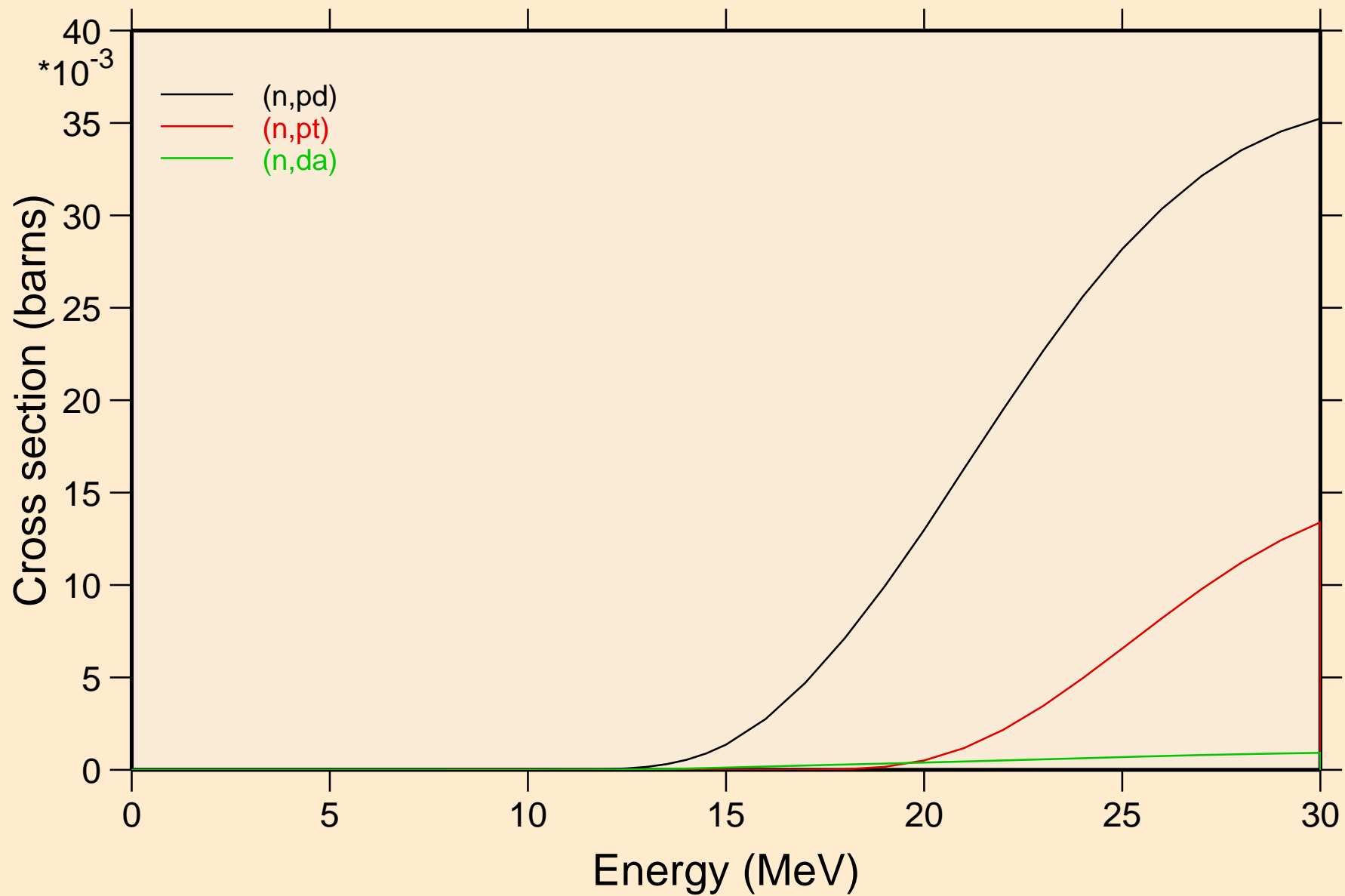
# CS117 NRG TENDL-2015, AKONING

## Threshold reactions

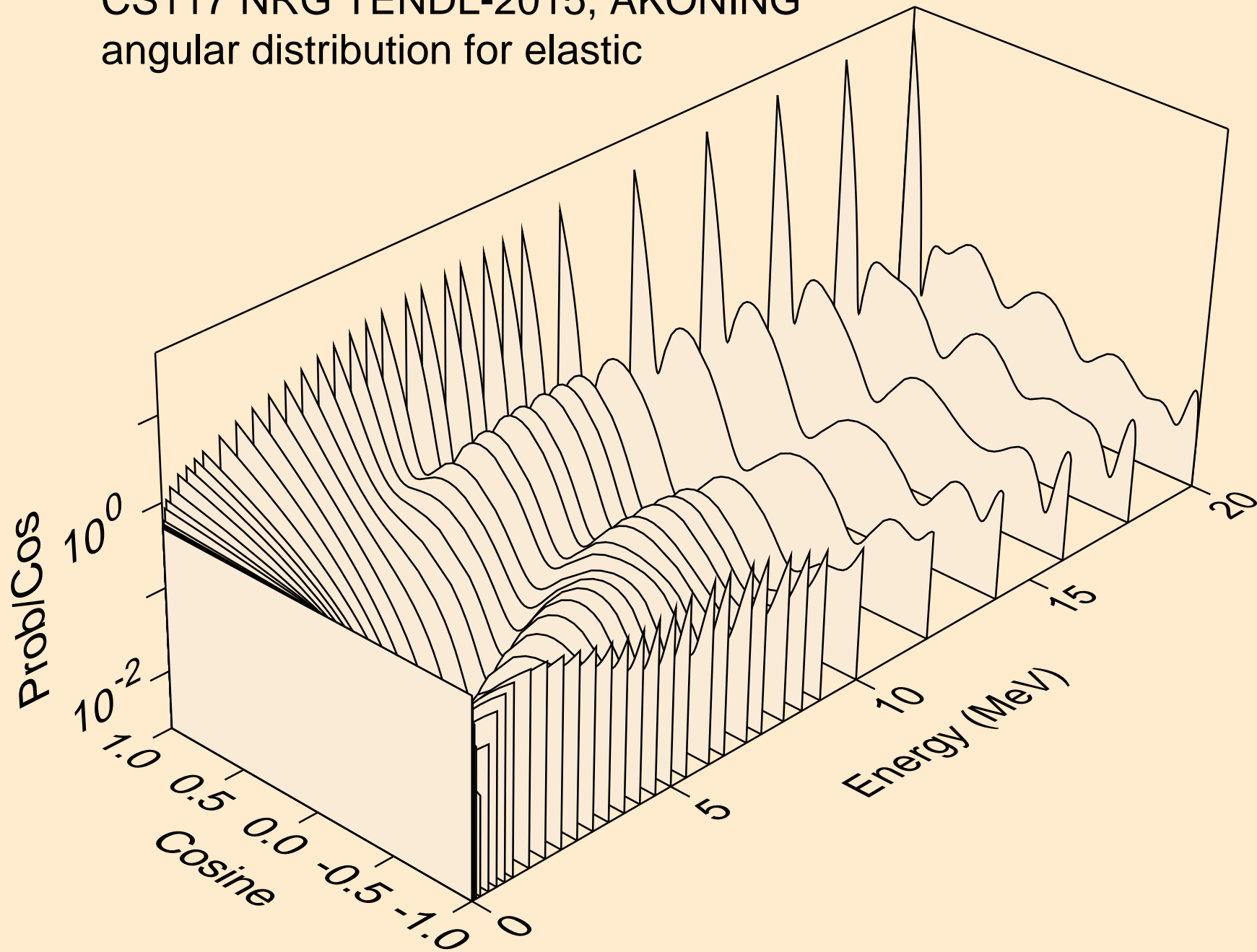


# CS117 NRG TENDL-2015, AKONING

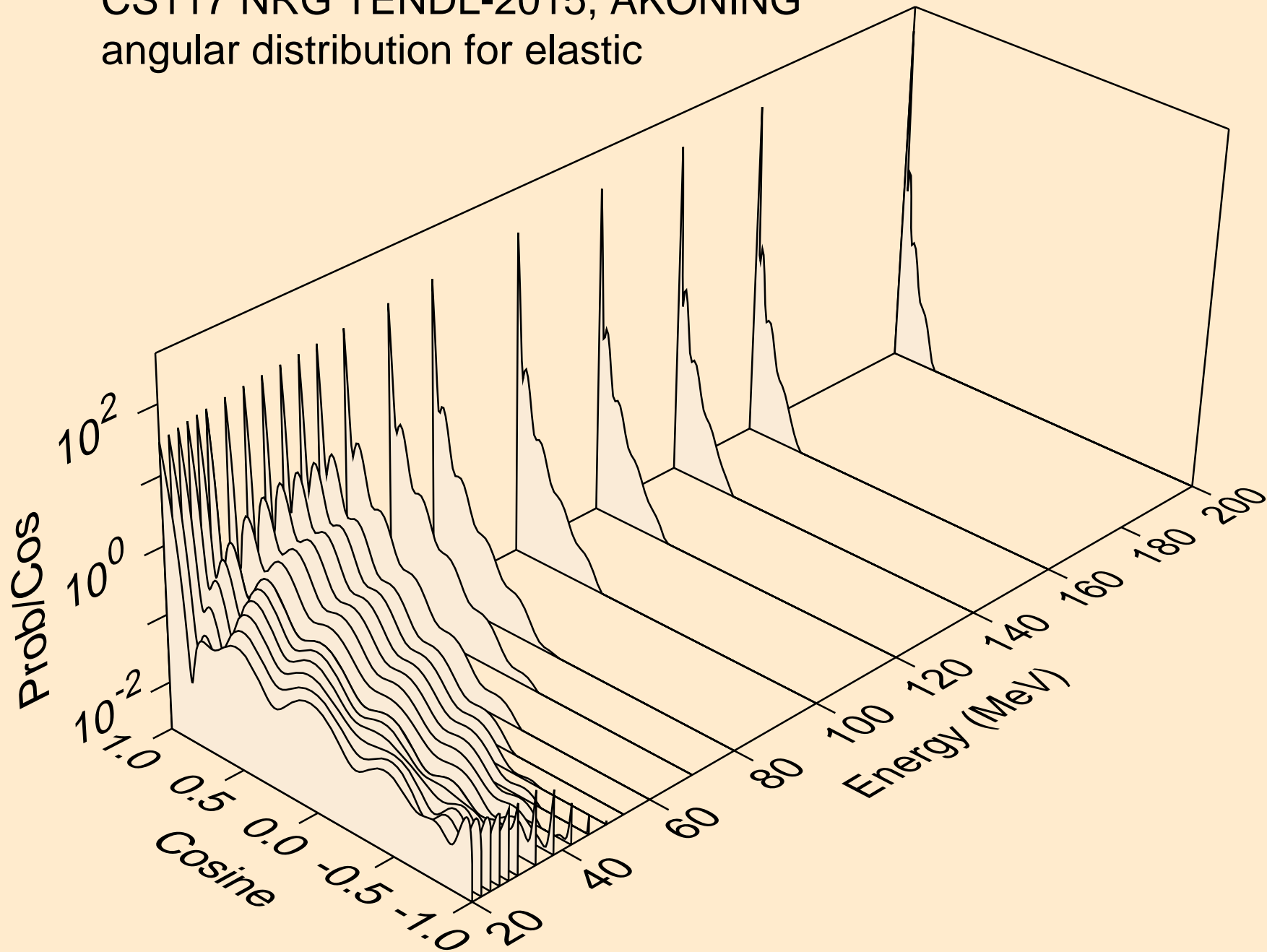
## Threshold reactions



CS117 NRG TENDL-2015, AKONING  
angular distribution for elastic

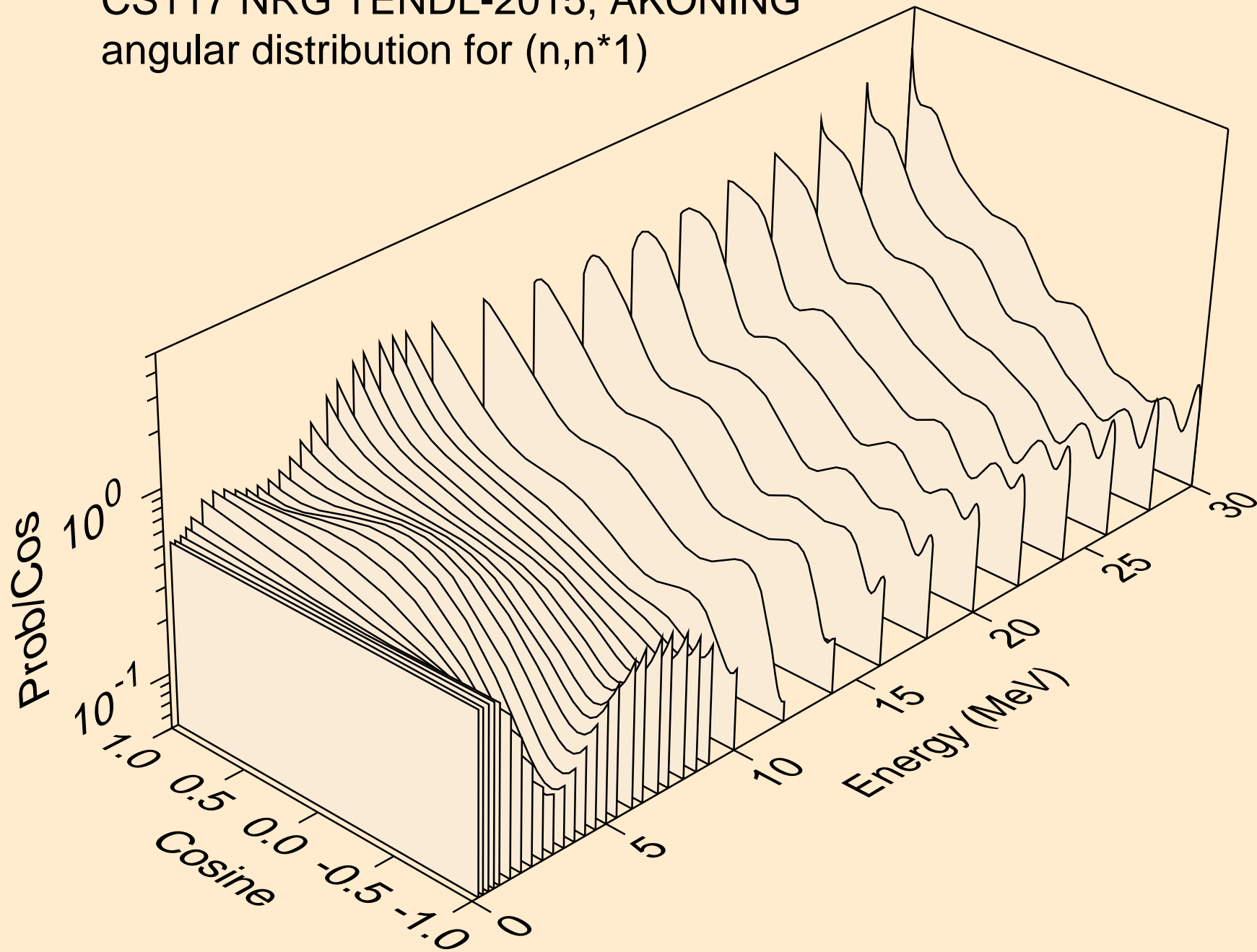


CS117 NRG TENDL-2015, AKONING  
angular distribution for elastic

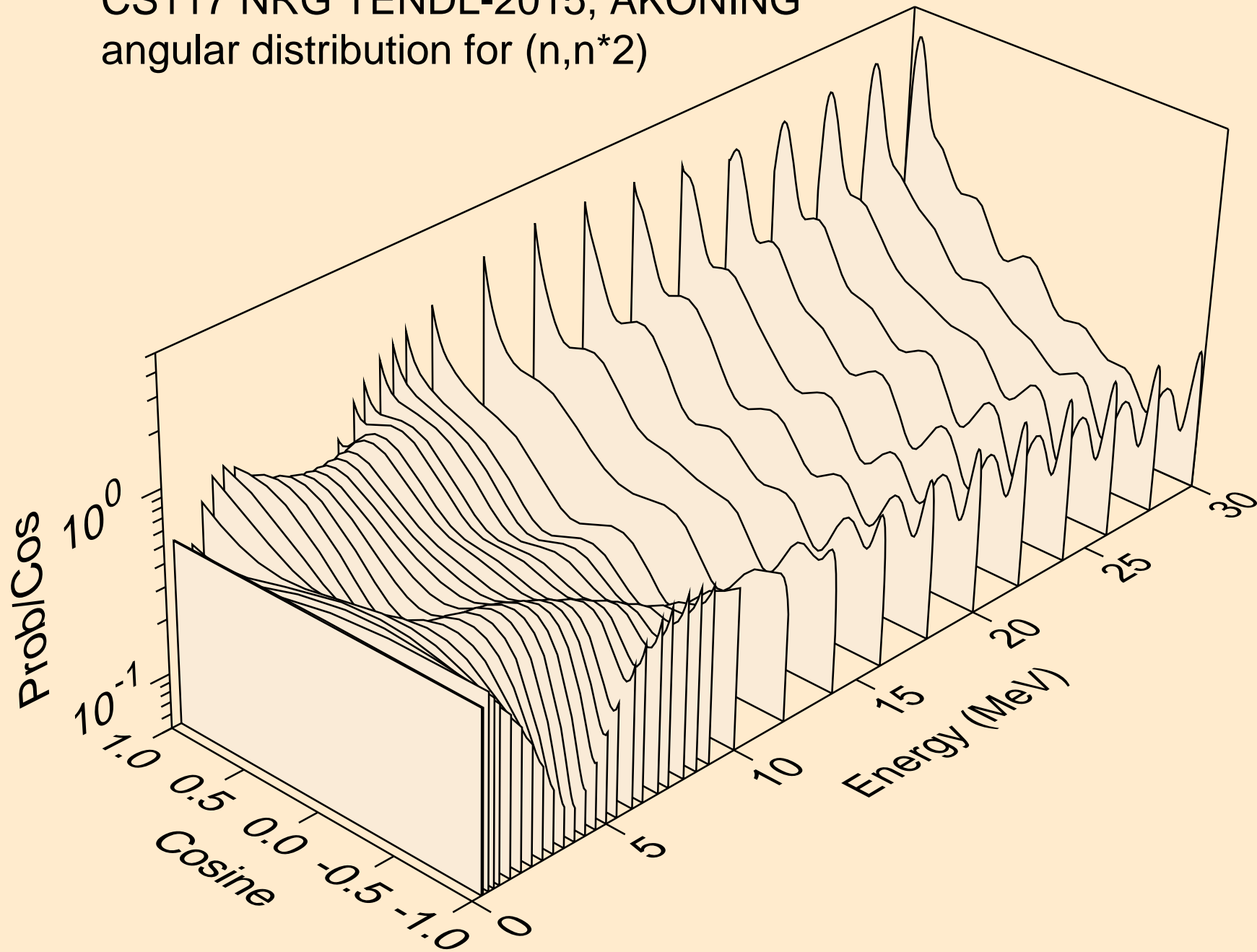




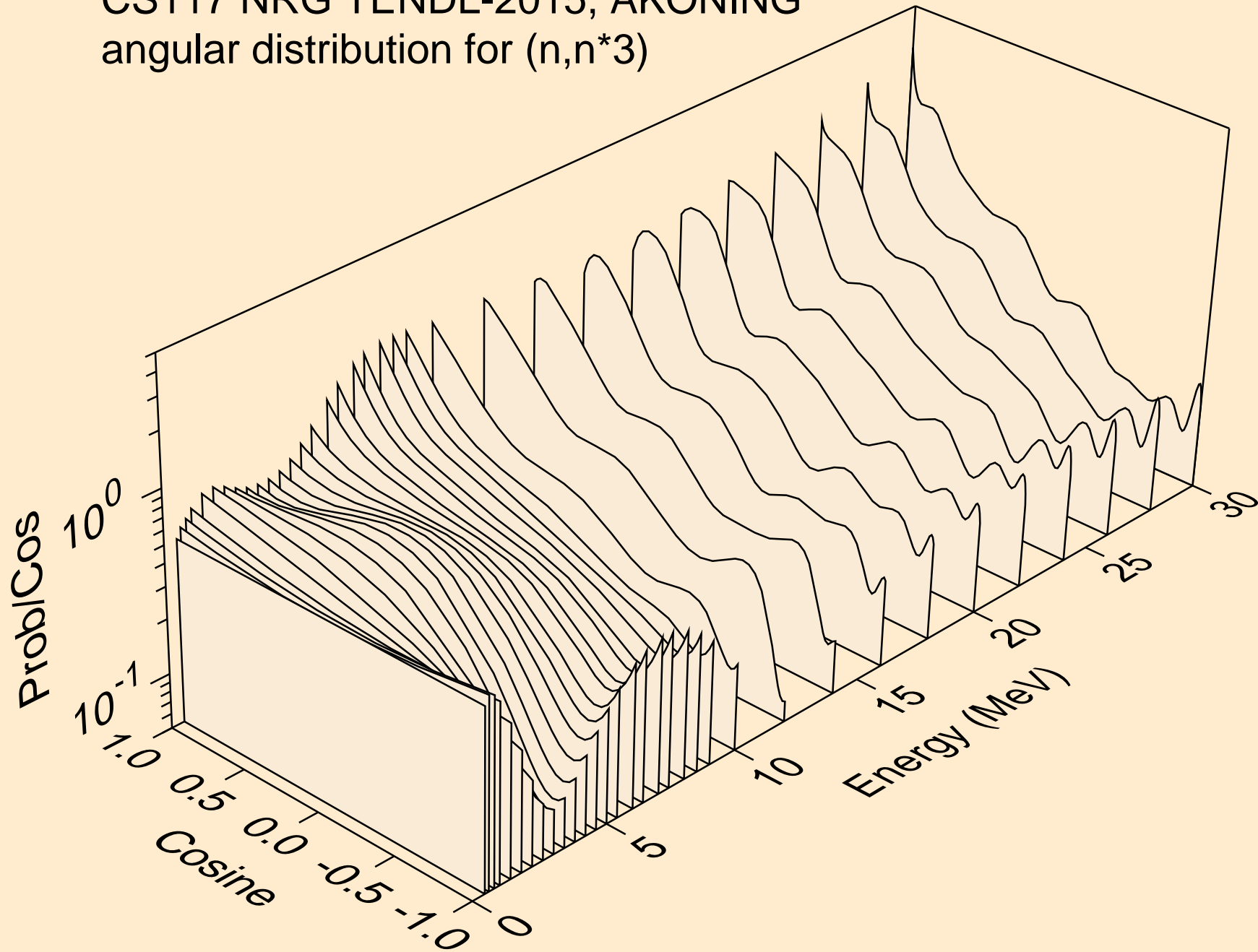
CS117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



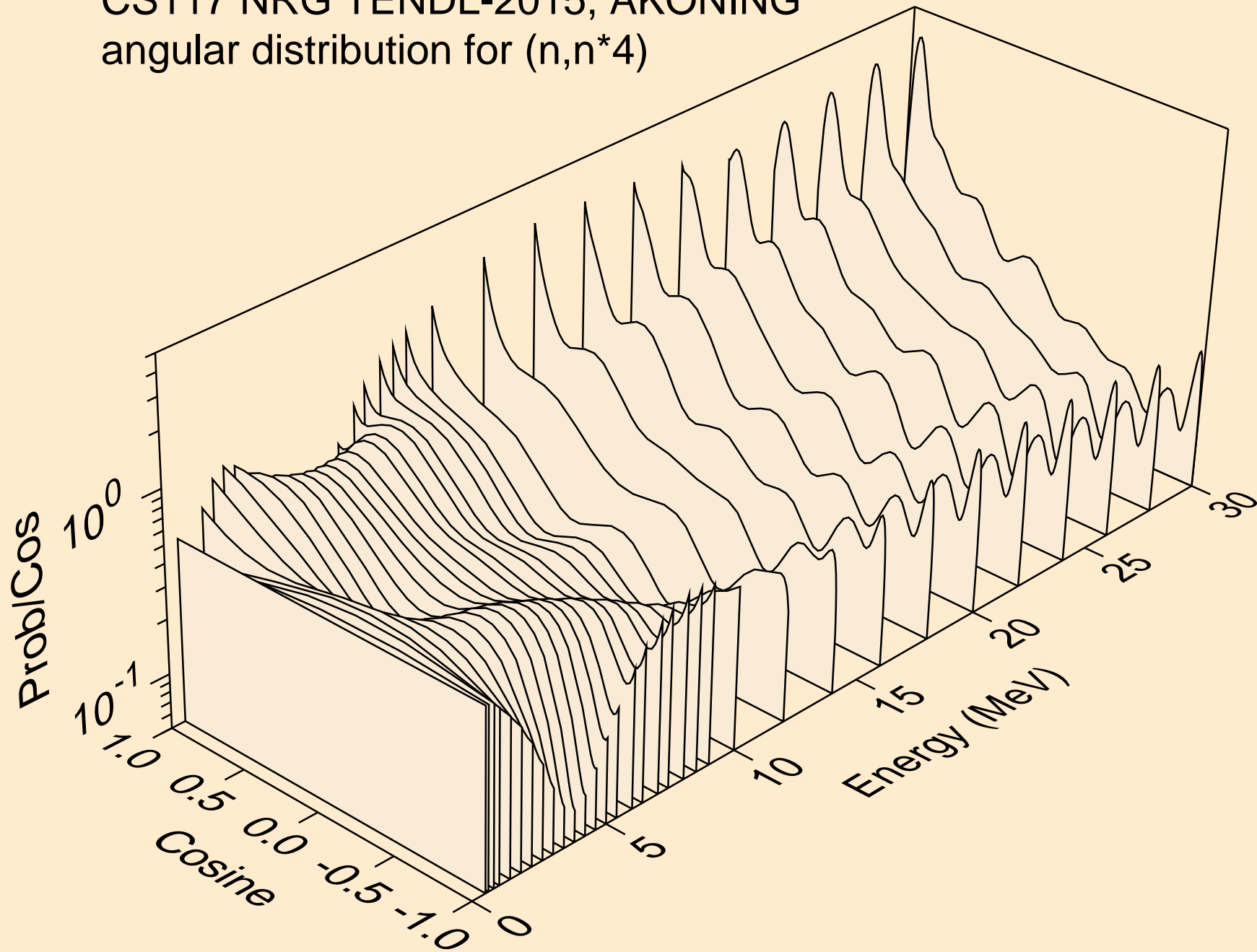
CS117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



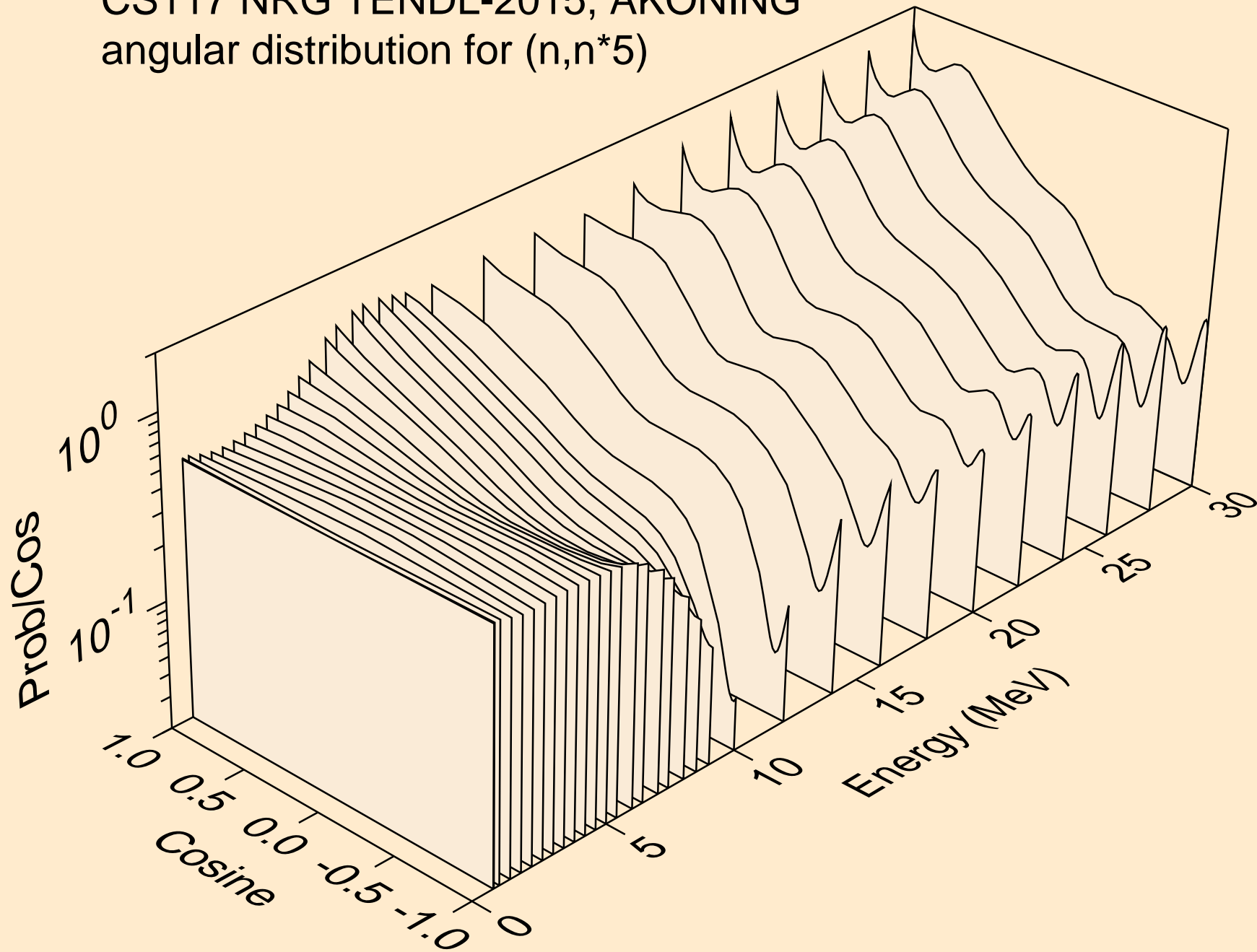
CS117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



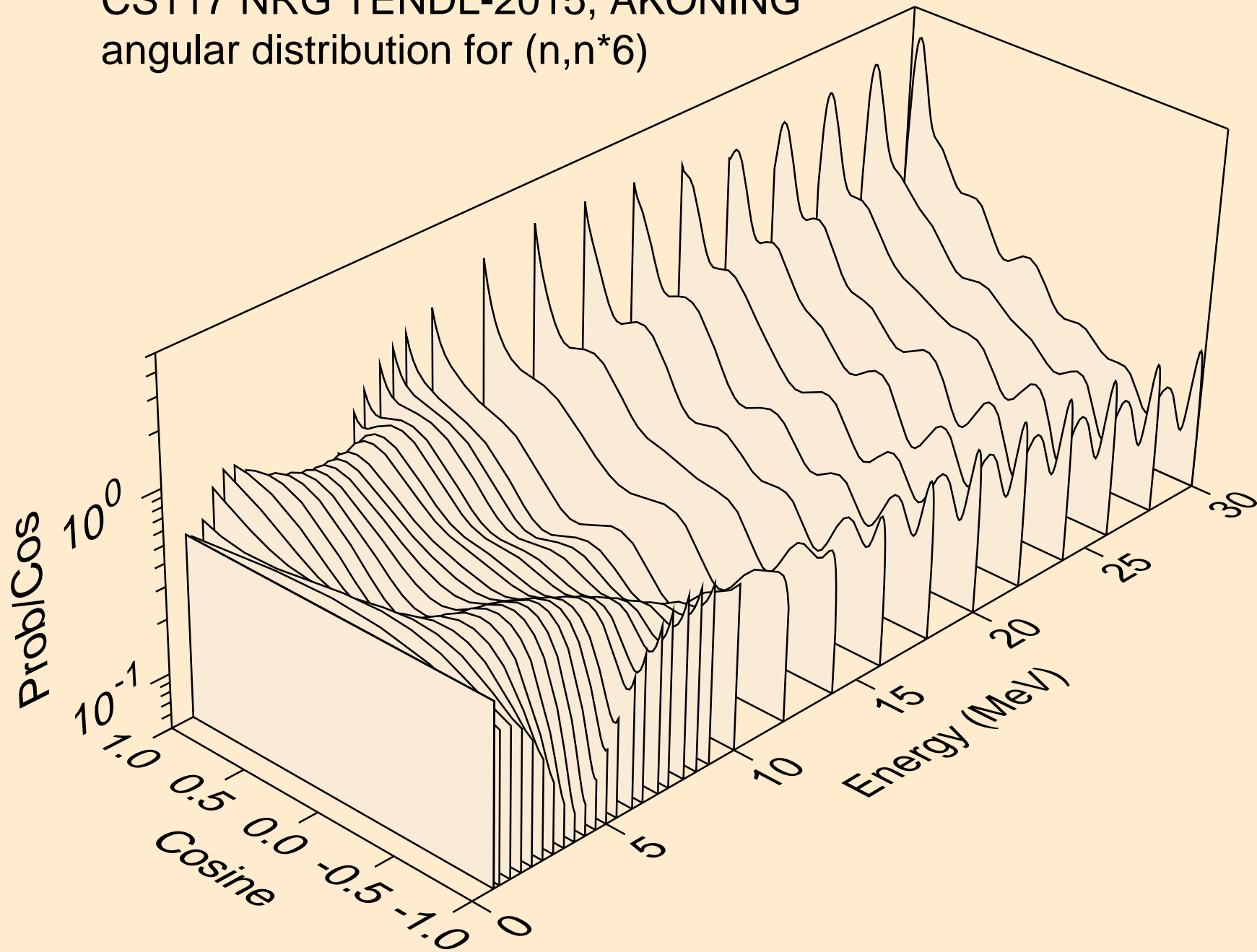
CS117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



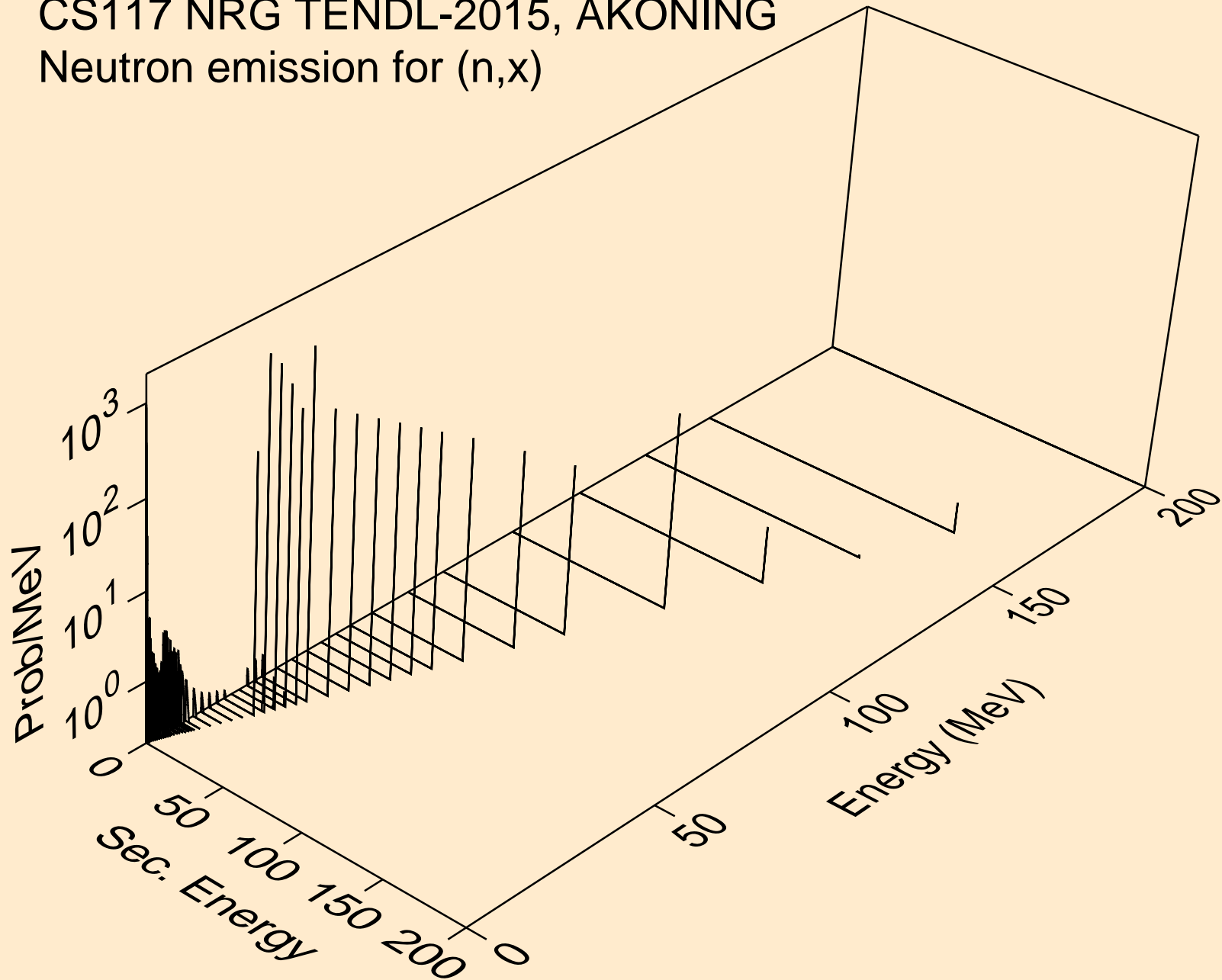
CS117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



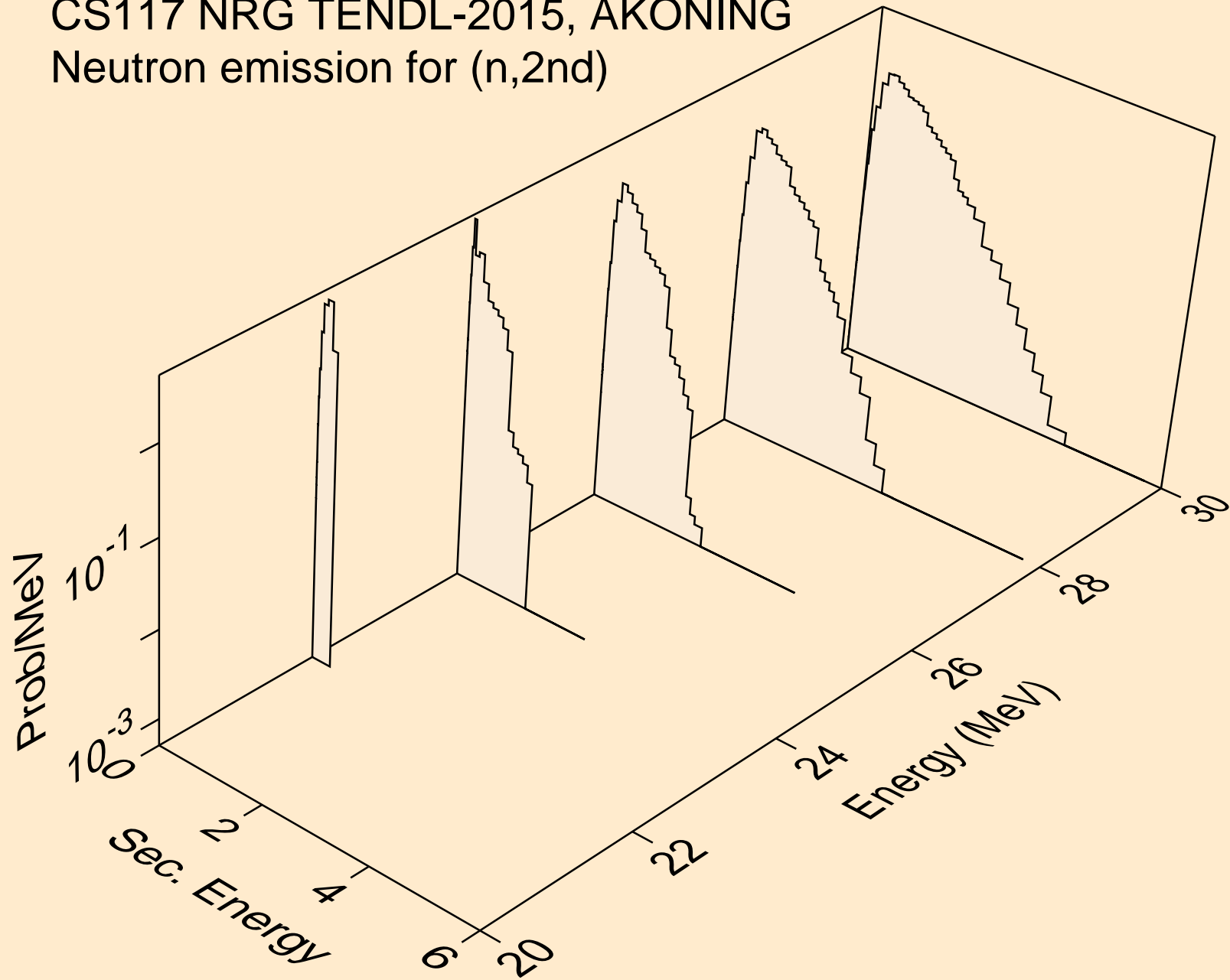
CS117 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

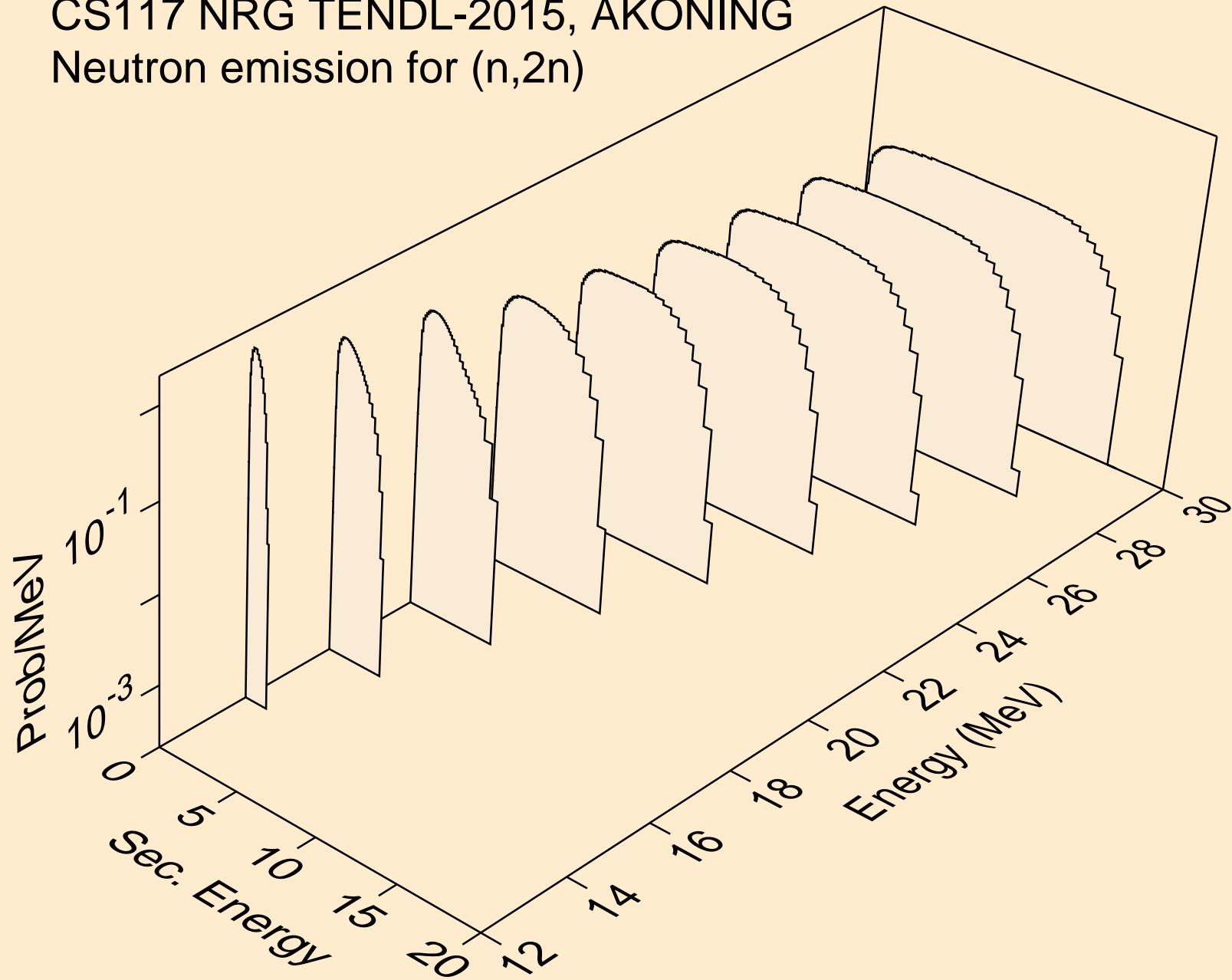


CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

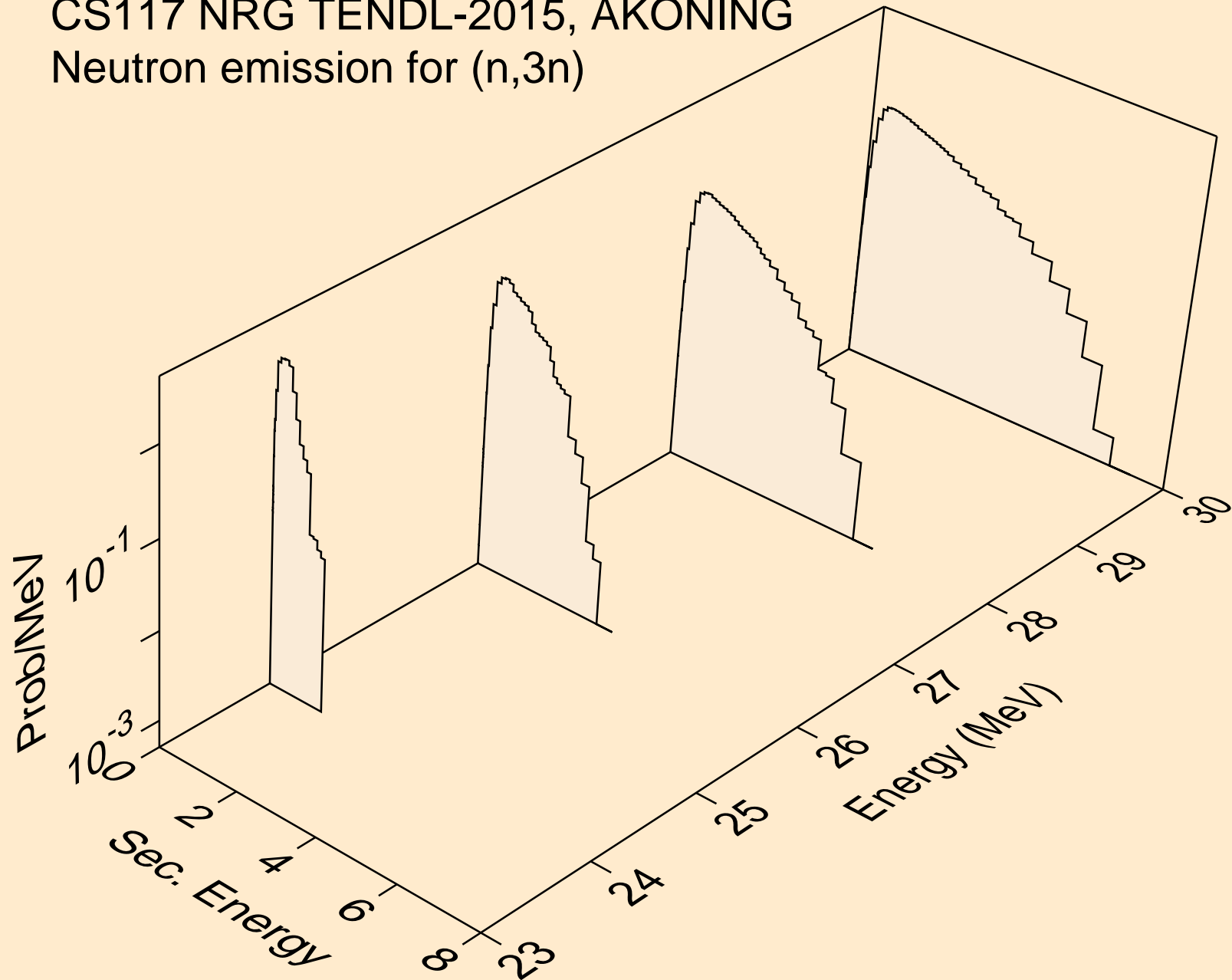




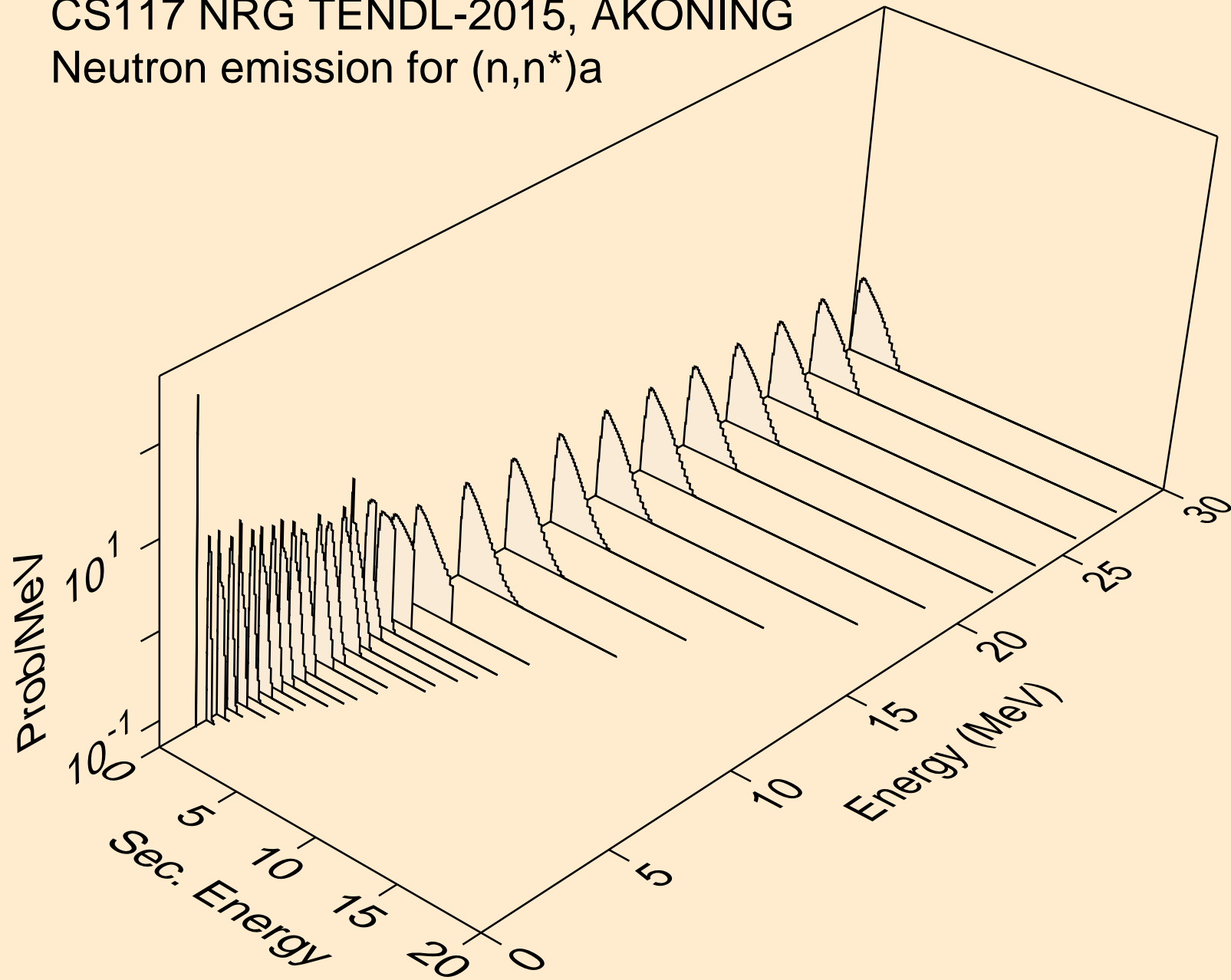
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



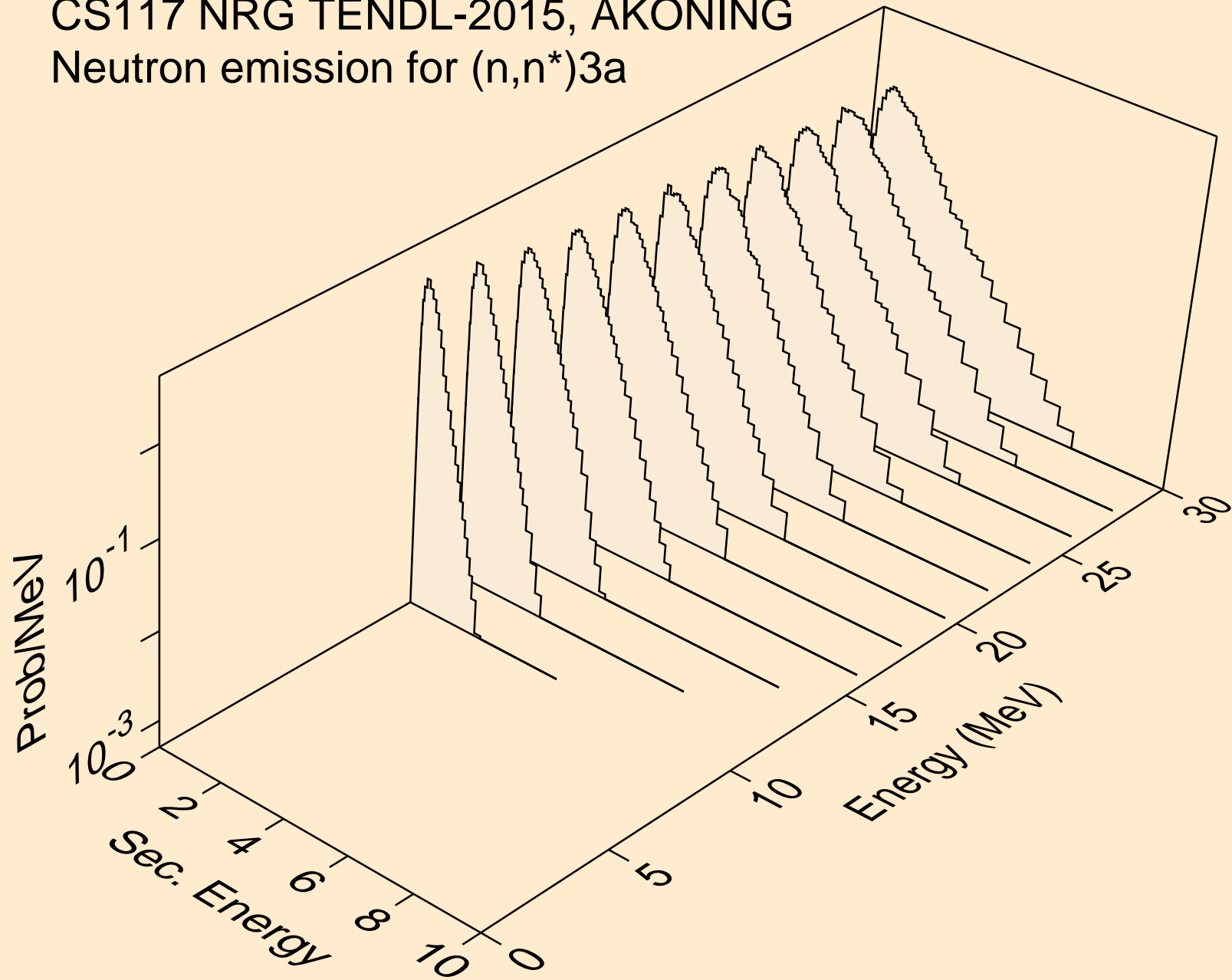
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



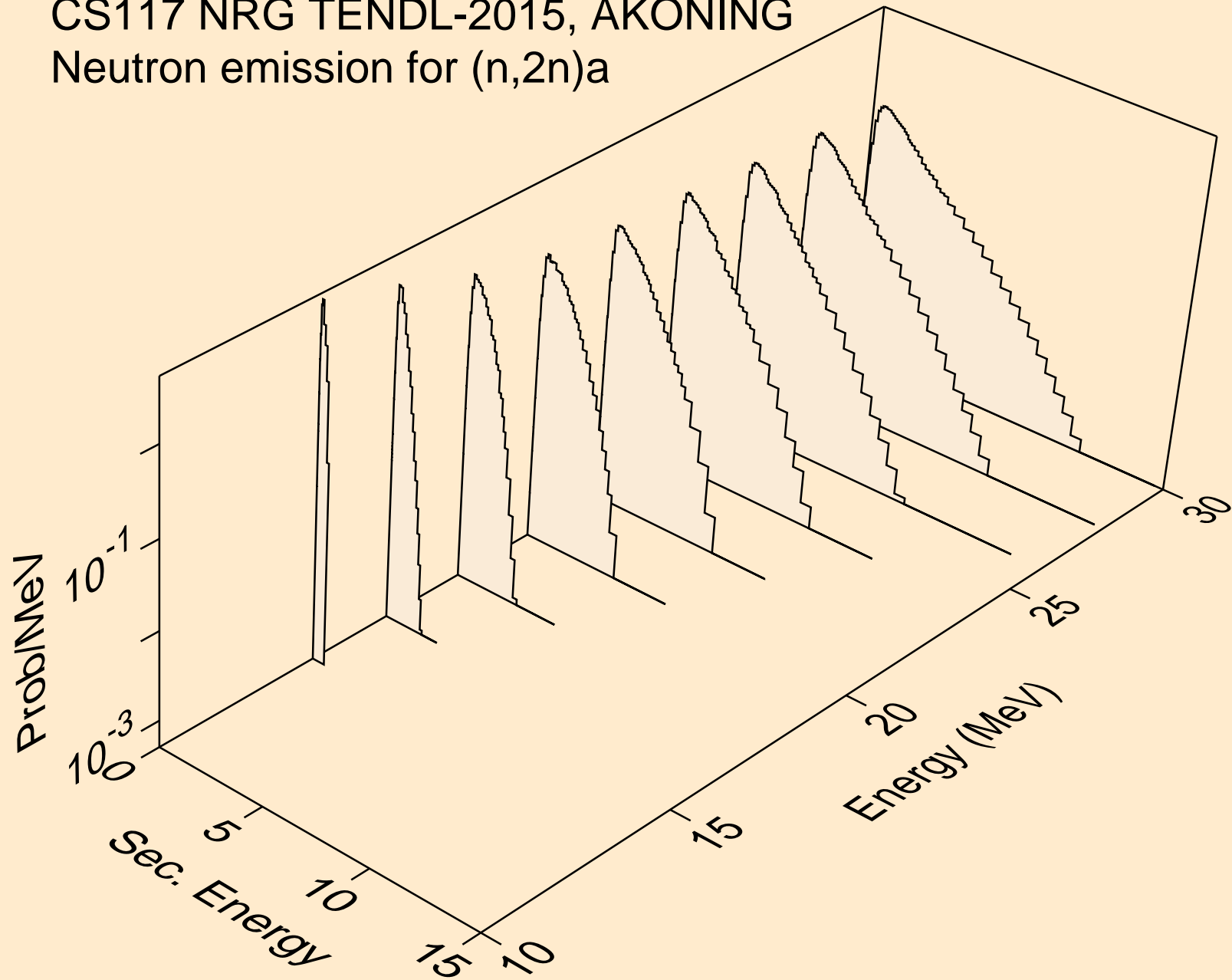
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



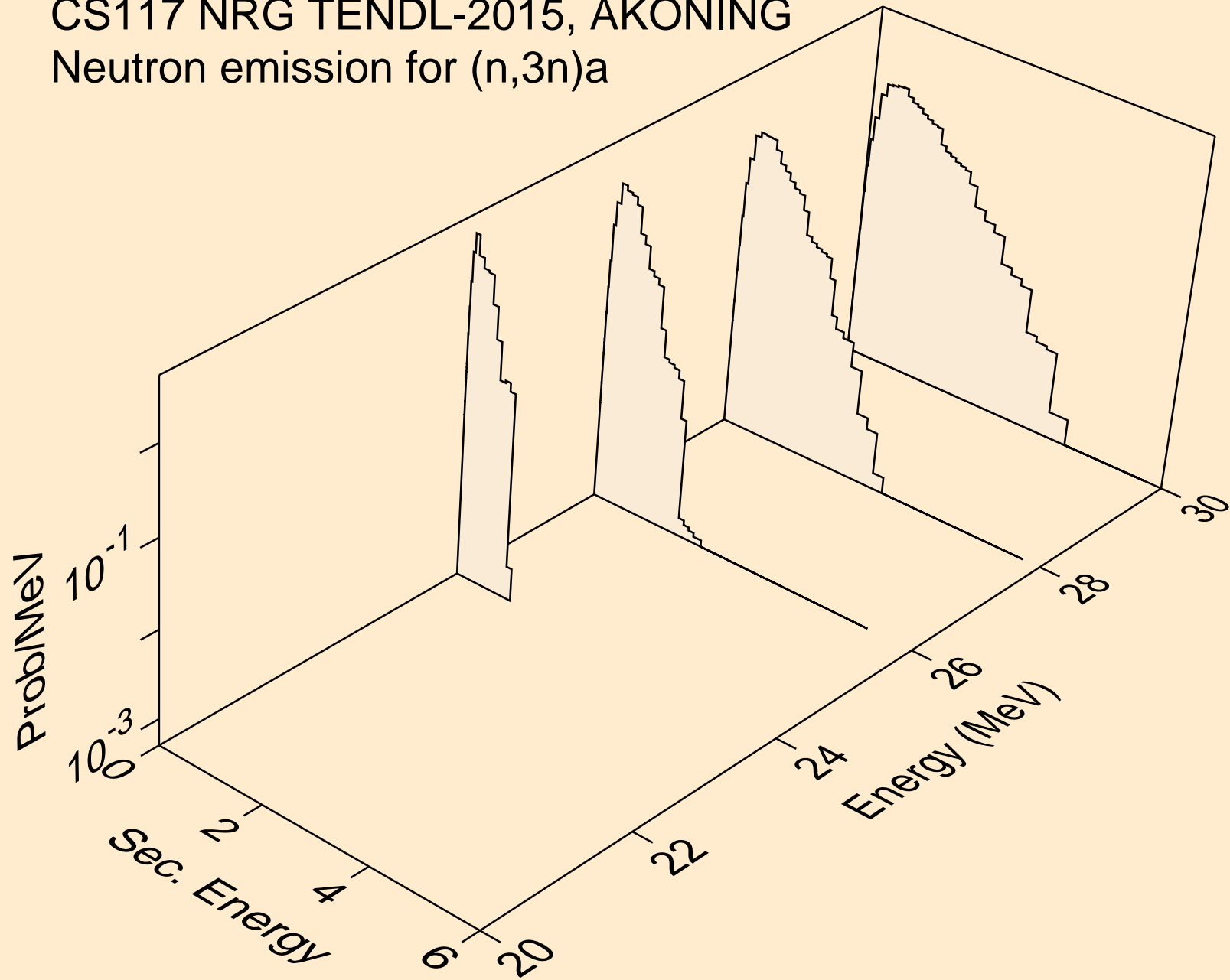
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)3a



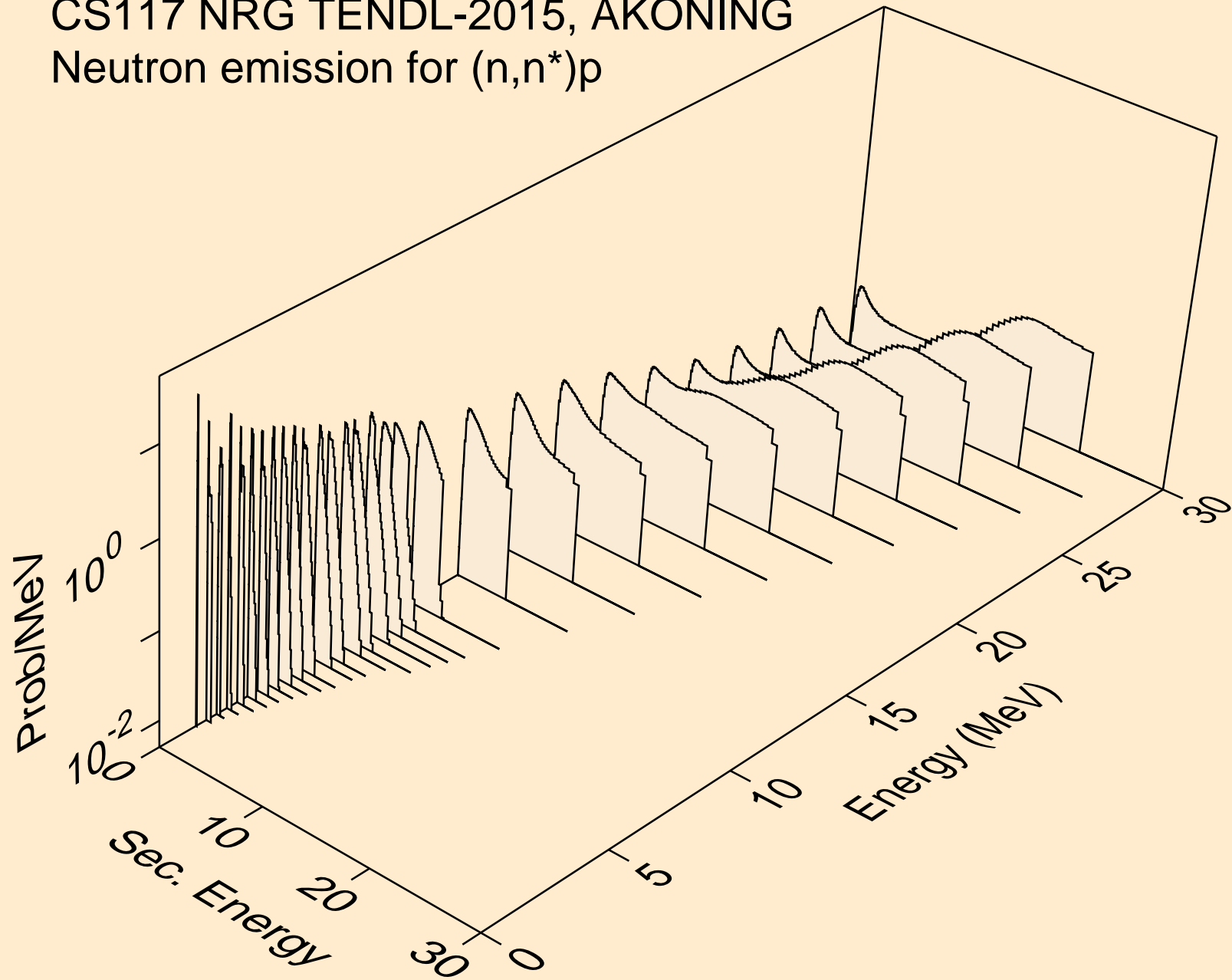
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



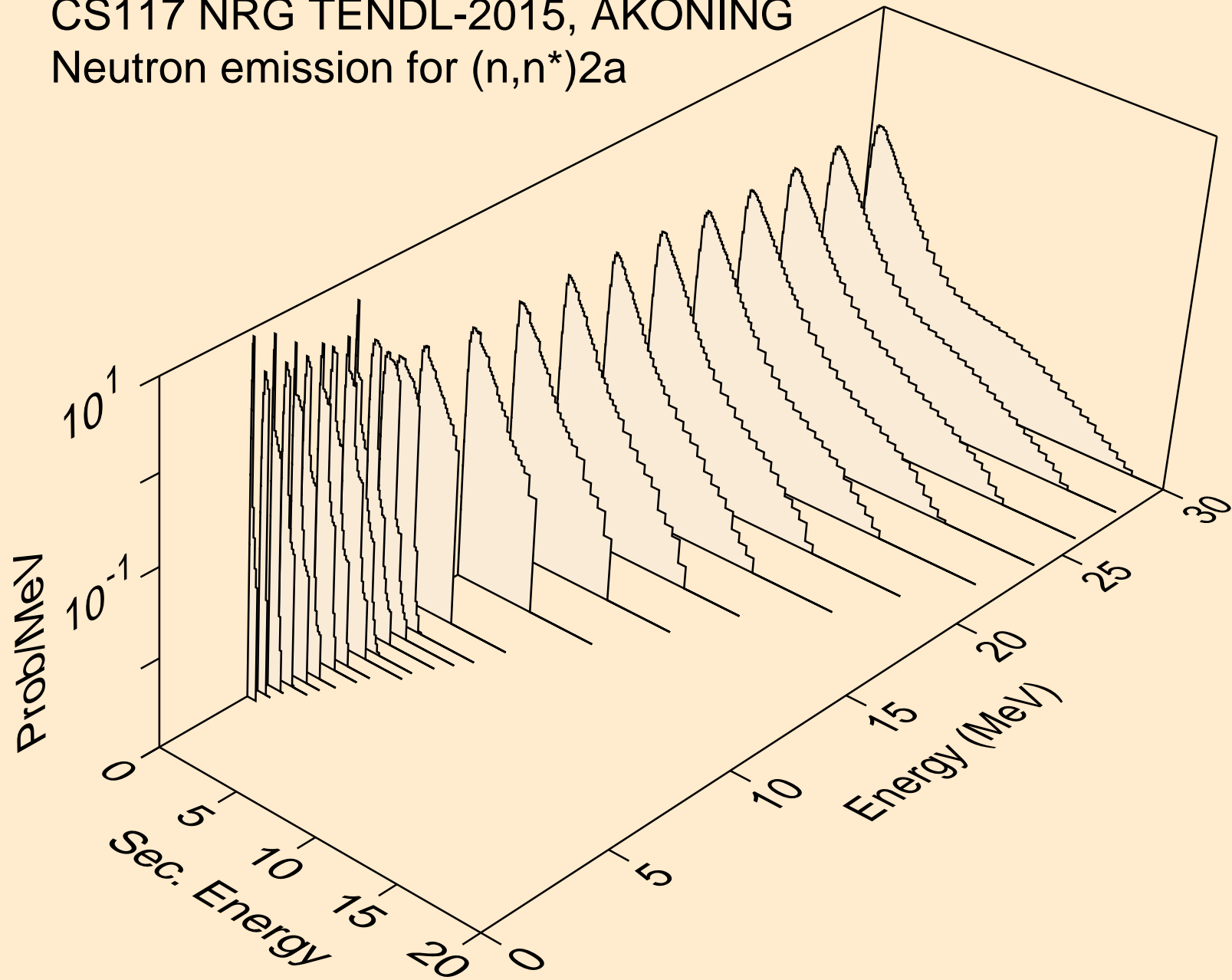
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

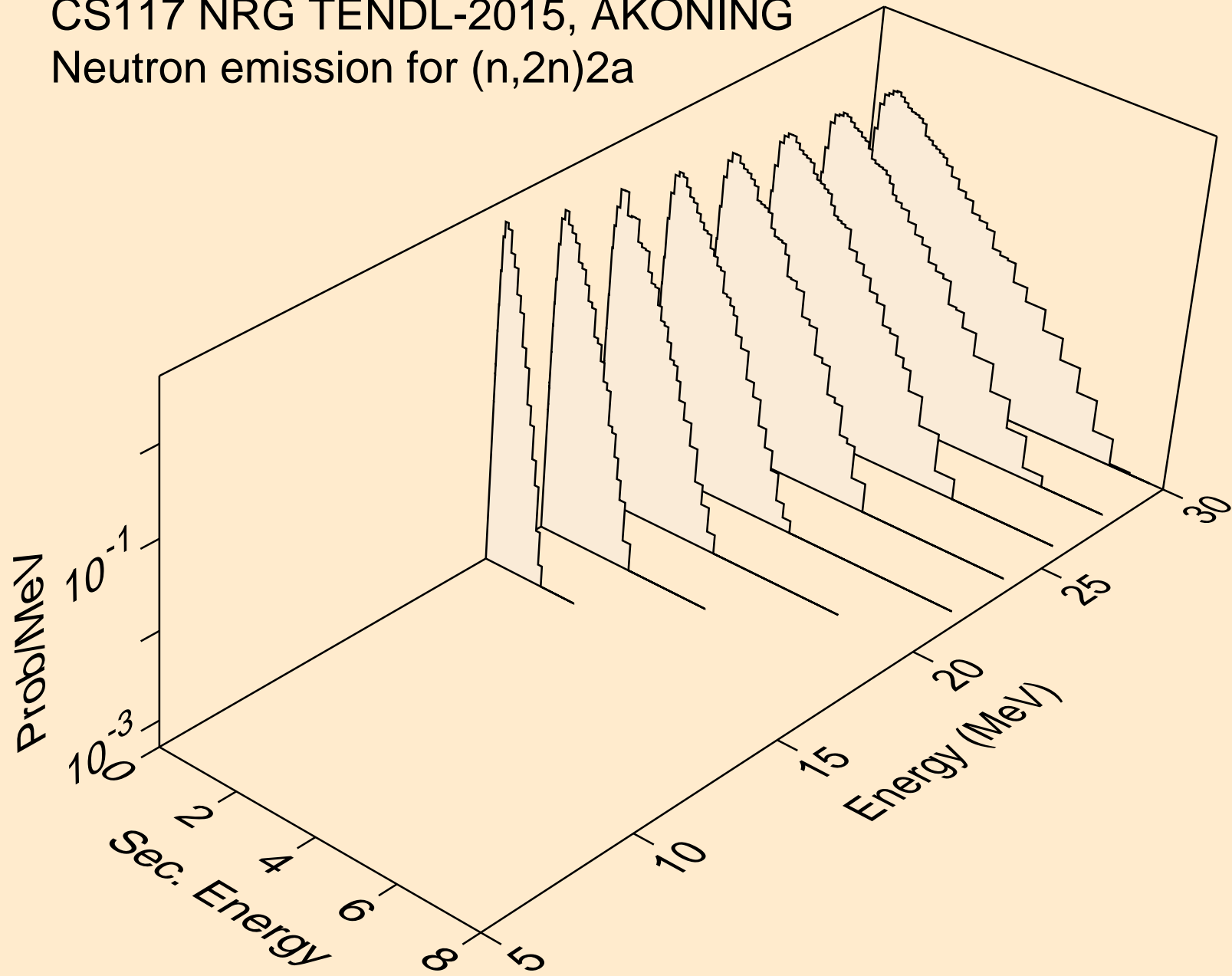


CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

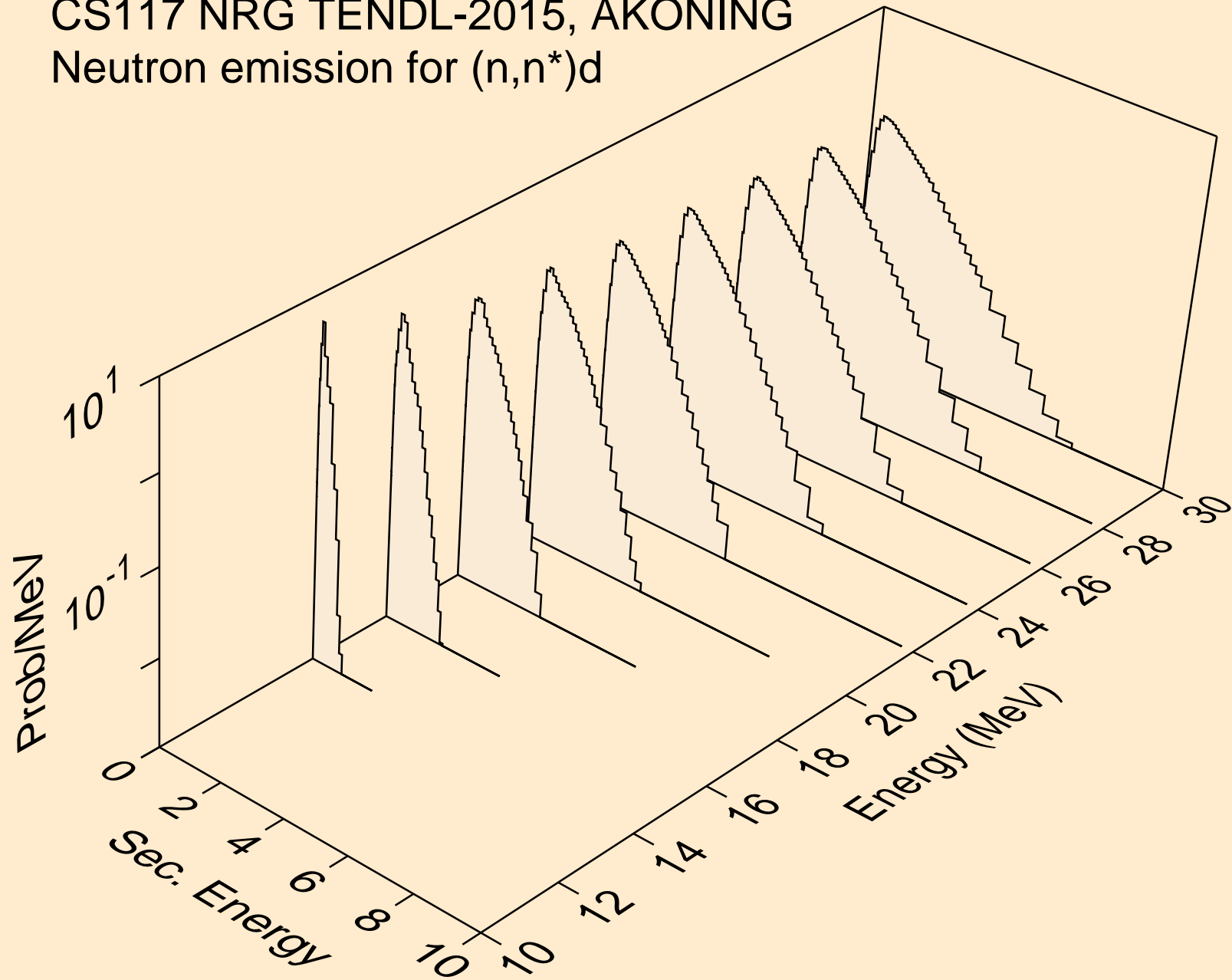




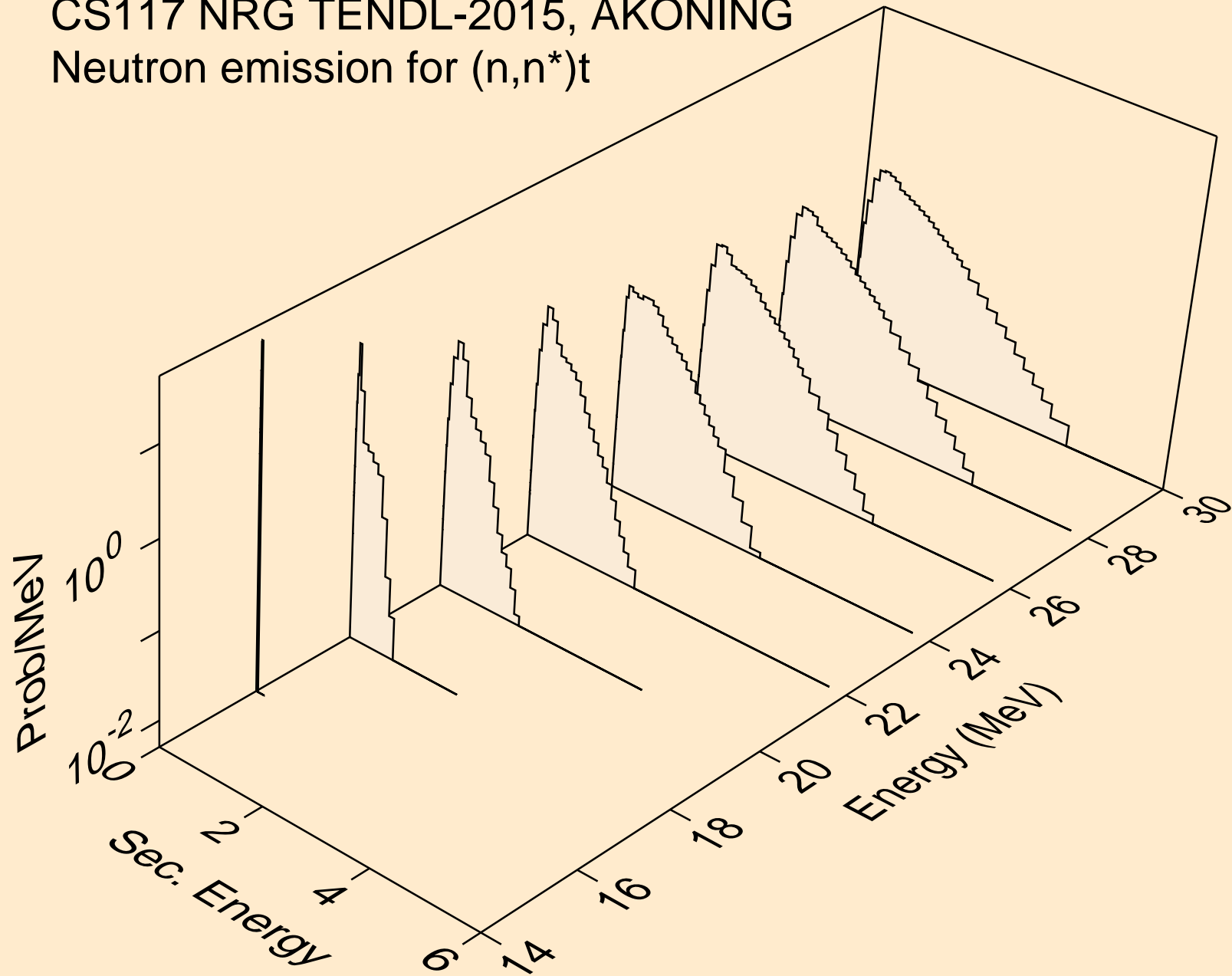
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



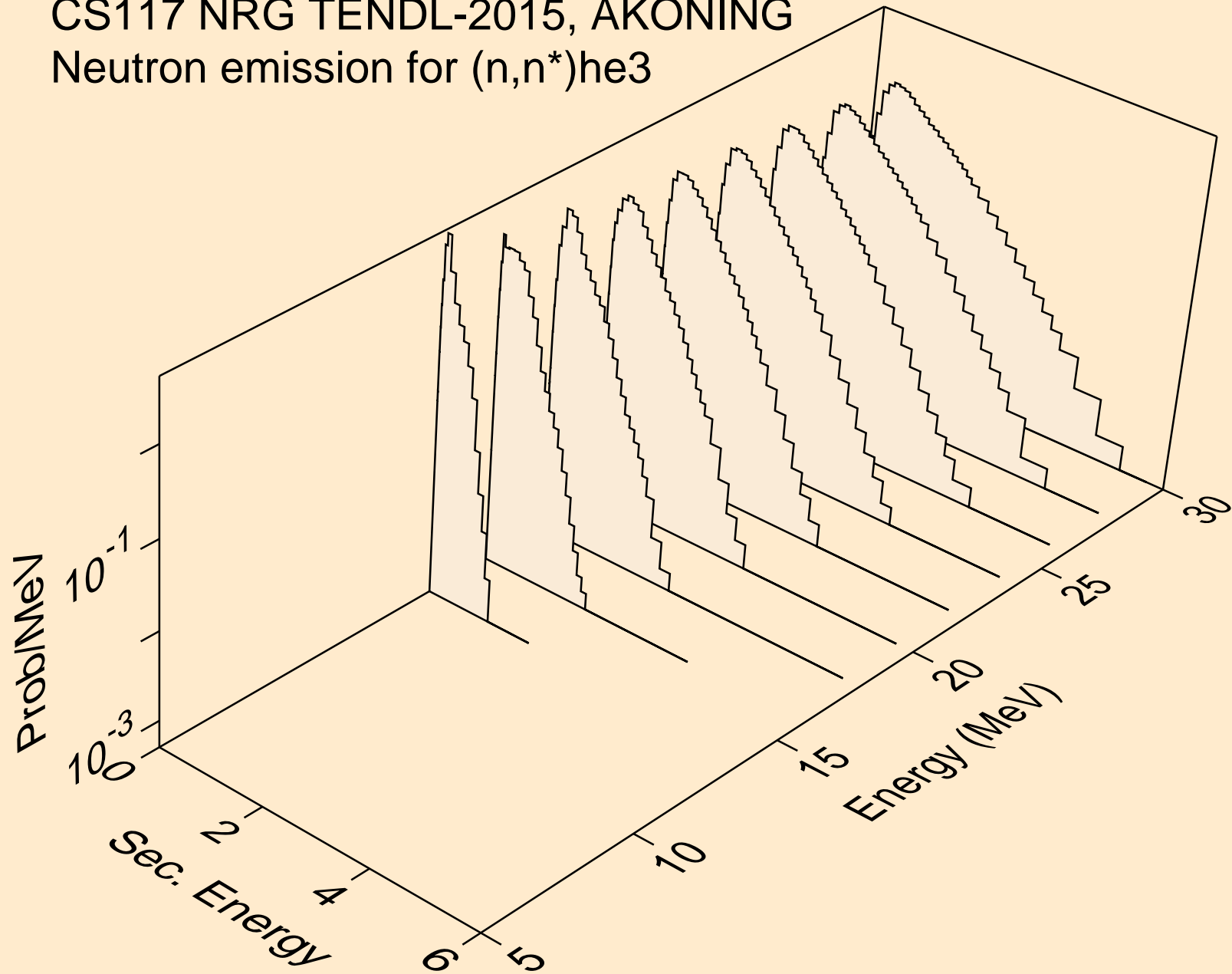
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



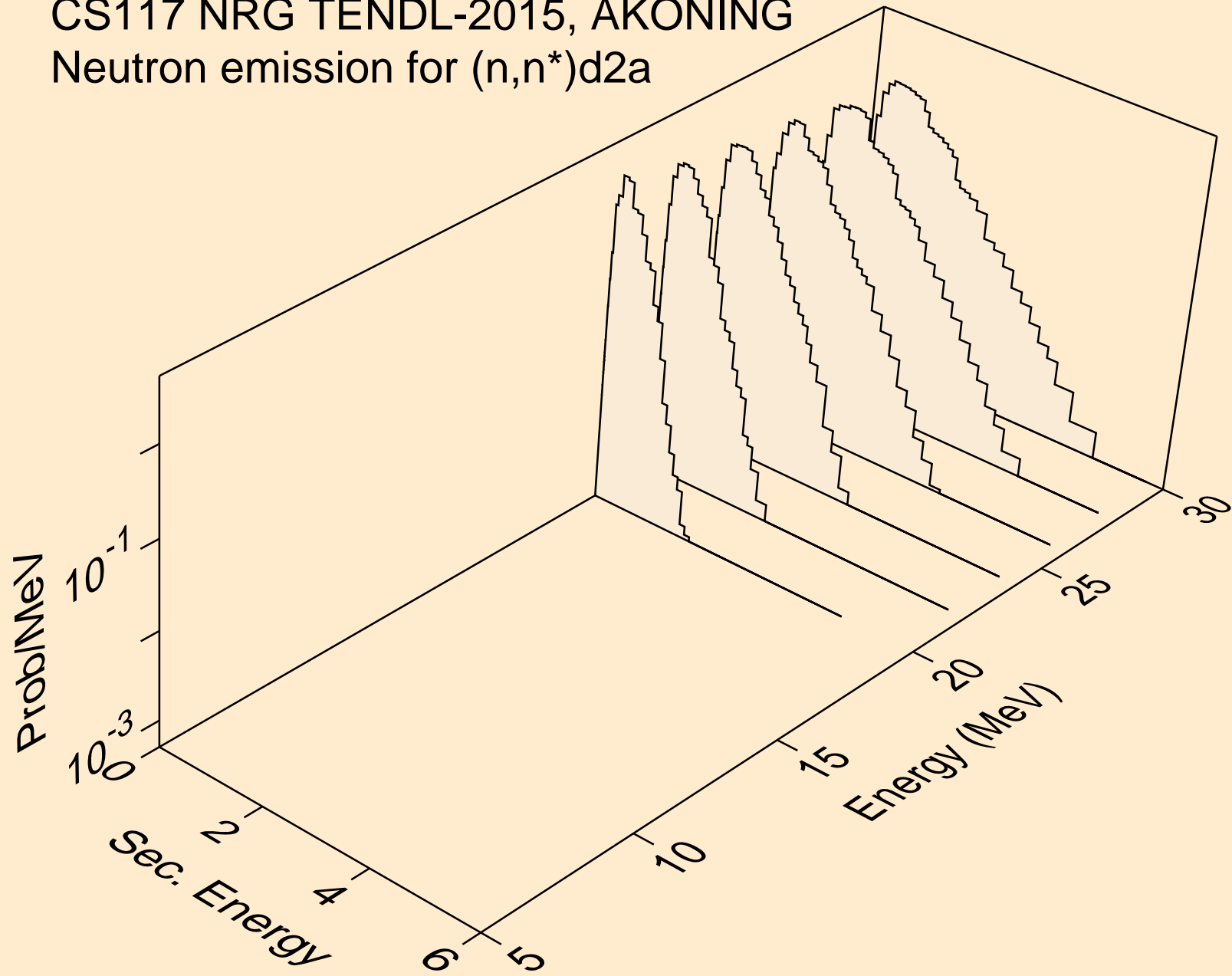
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



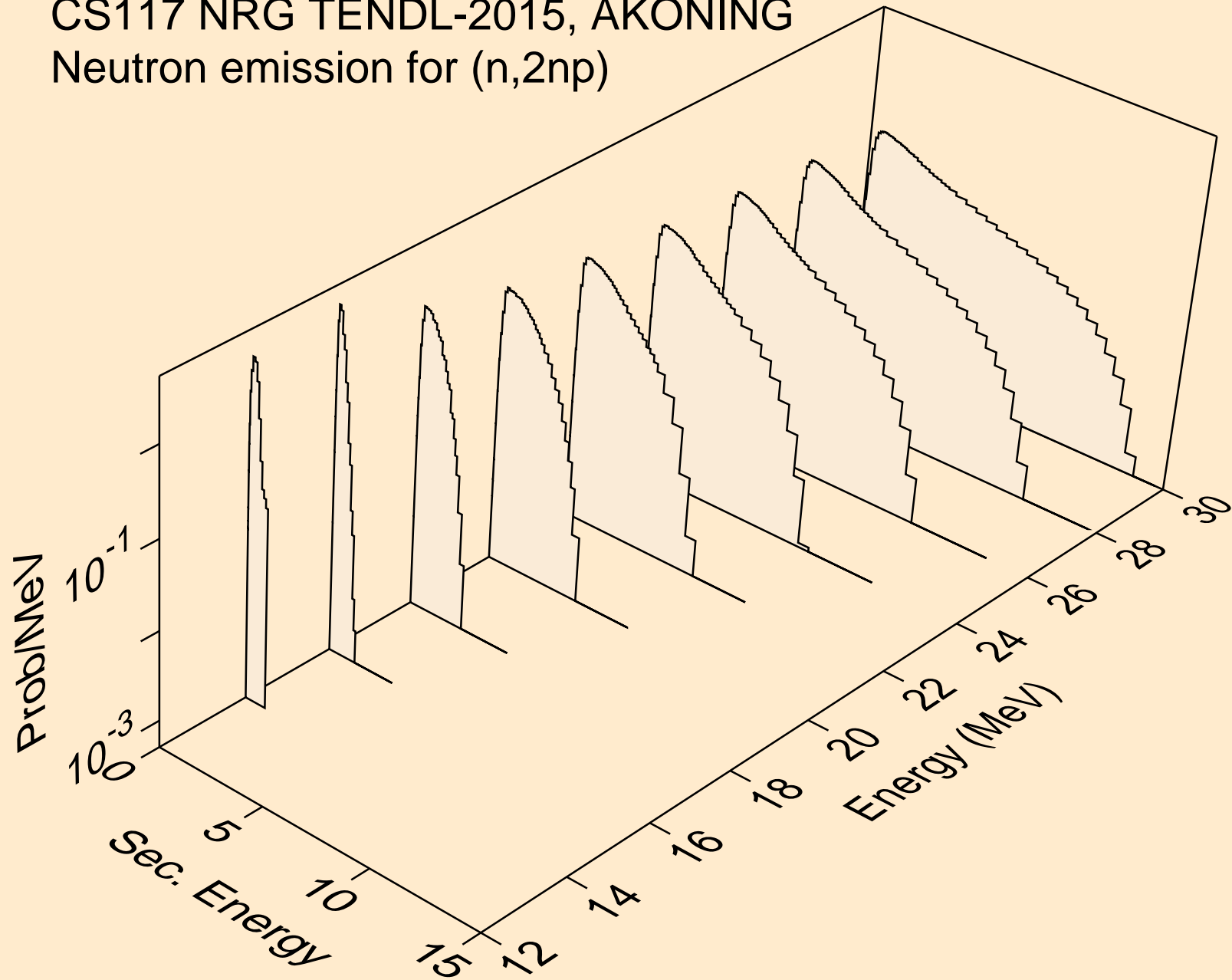
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



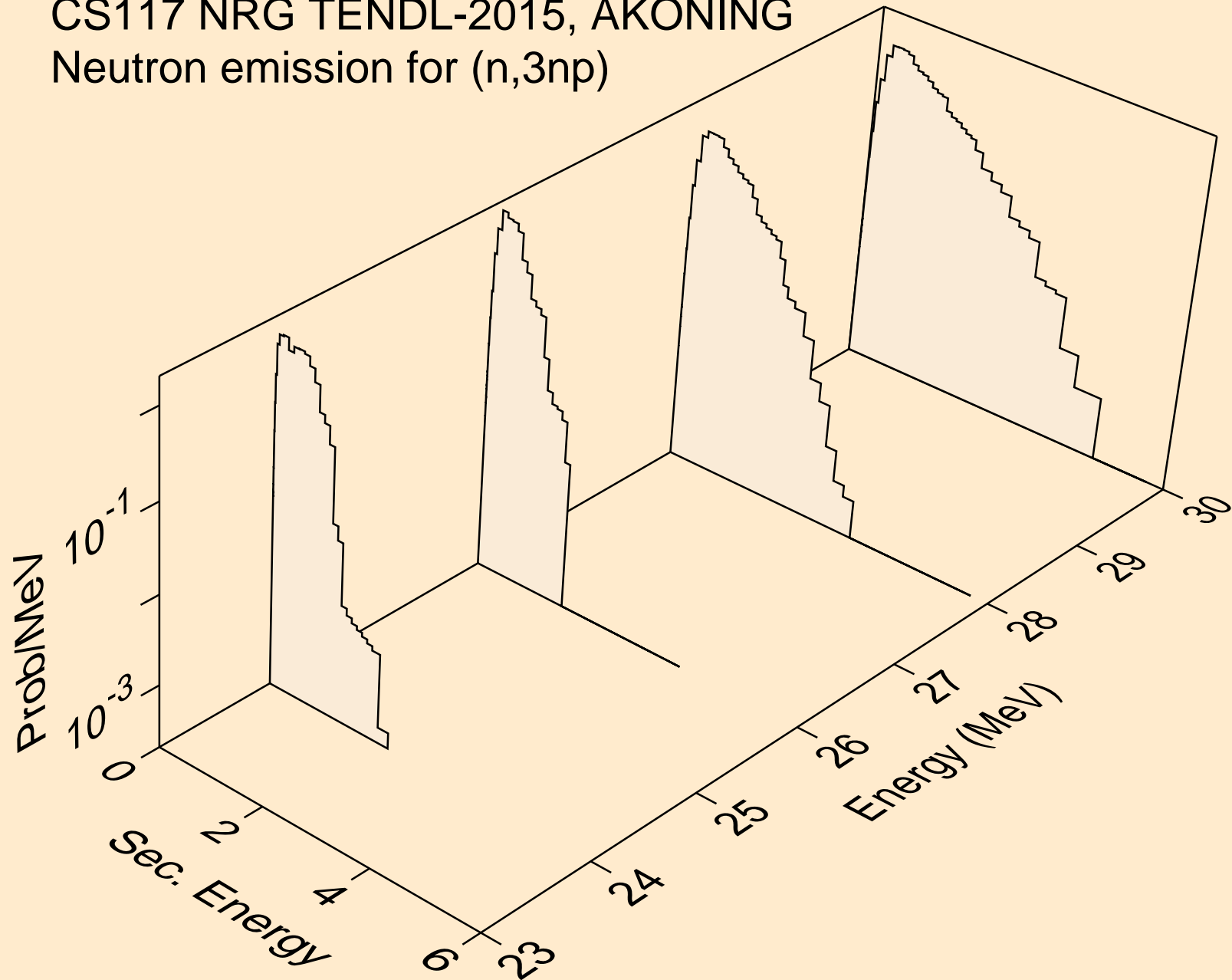
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d2a



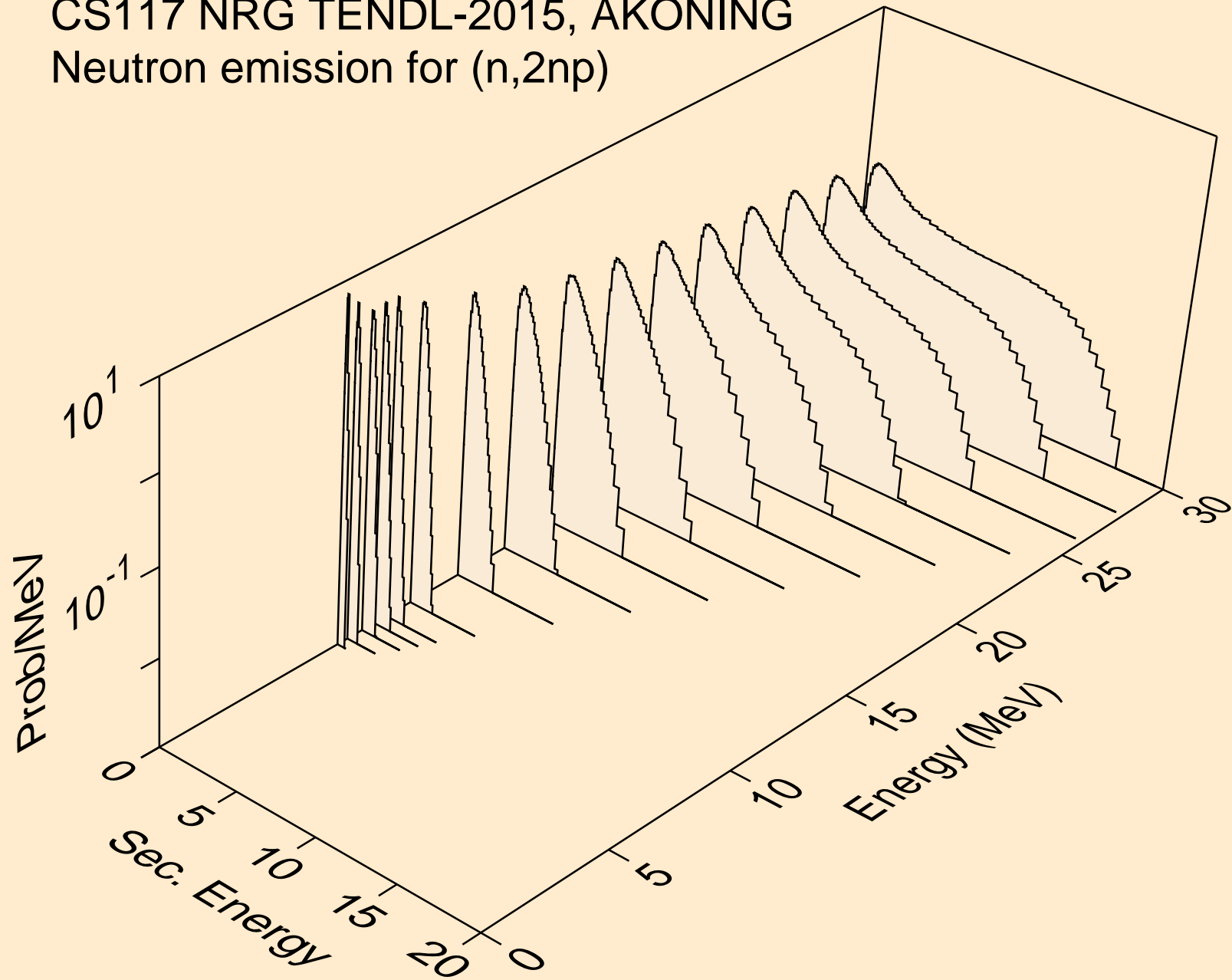
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

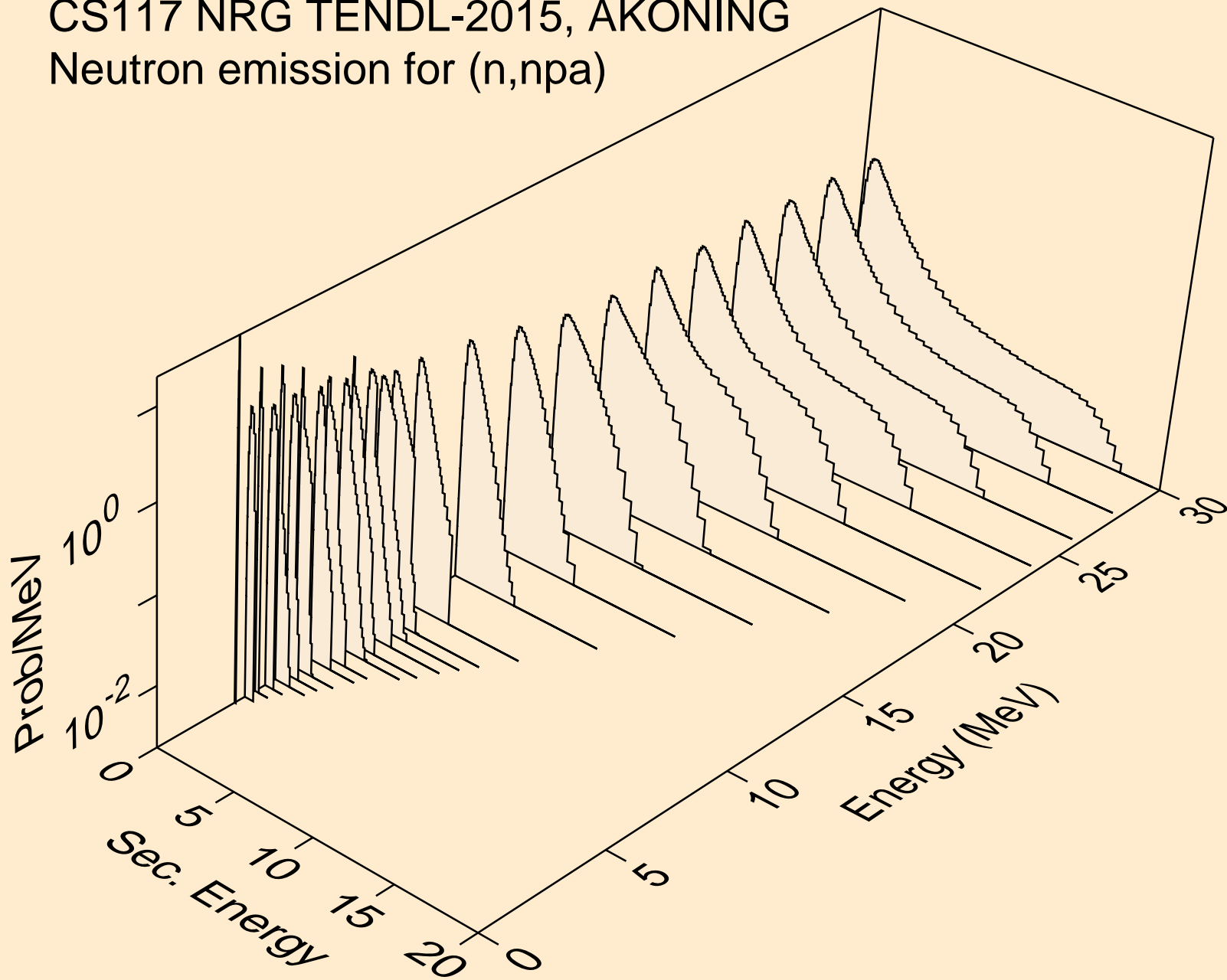


CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

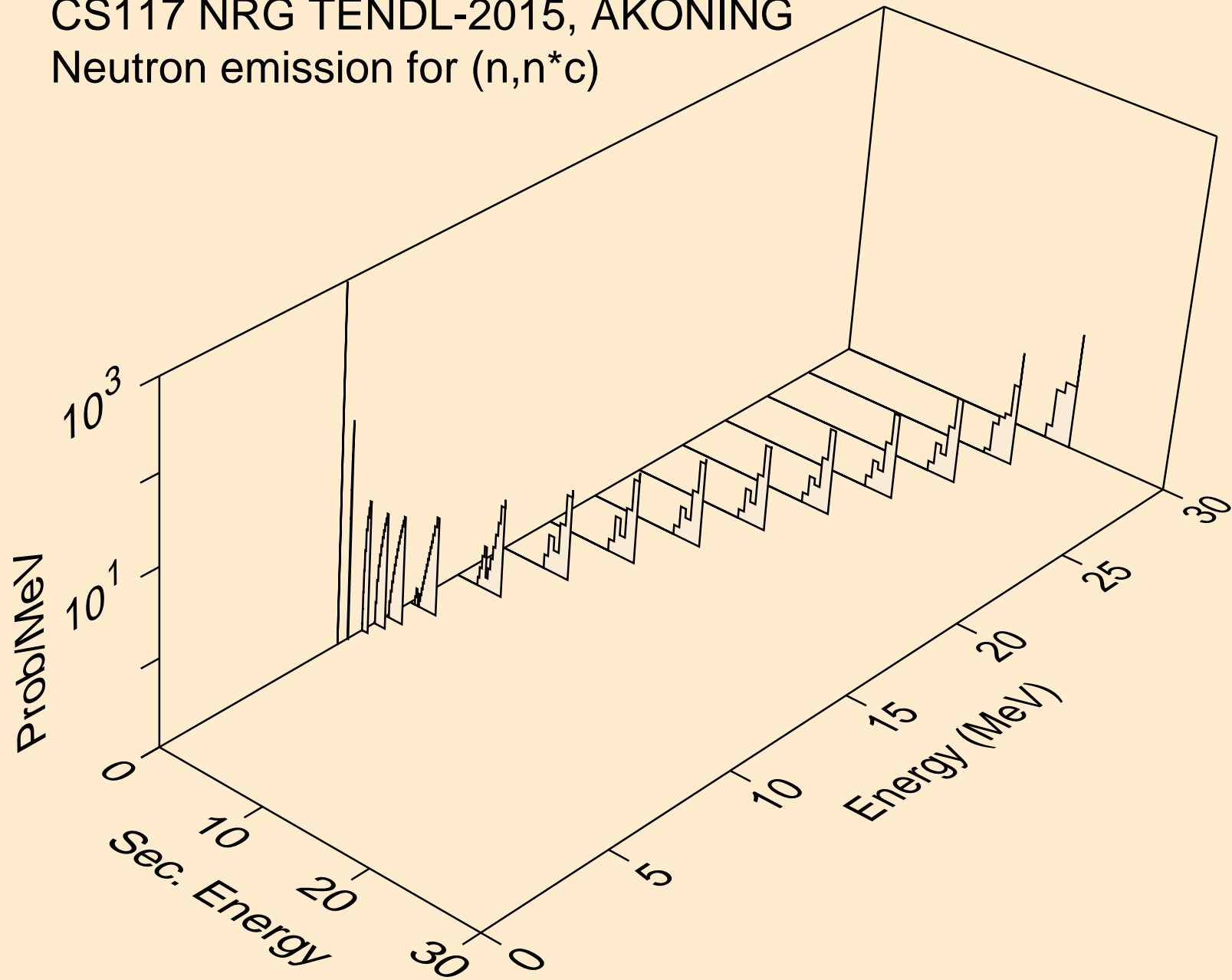




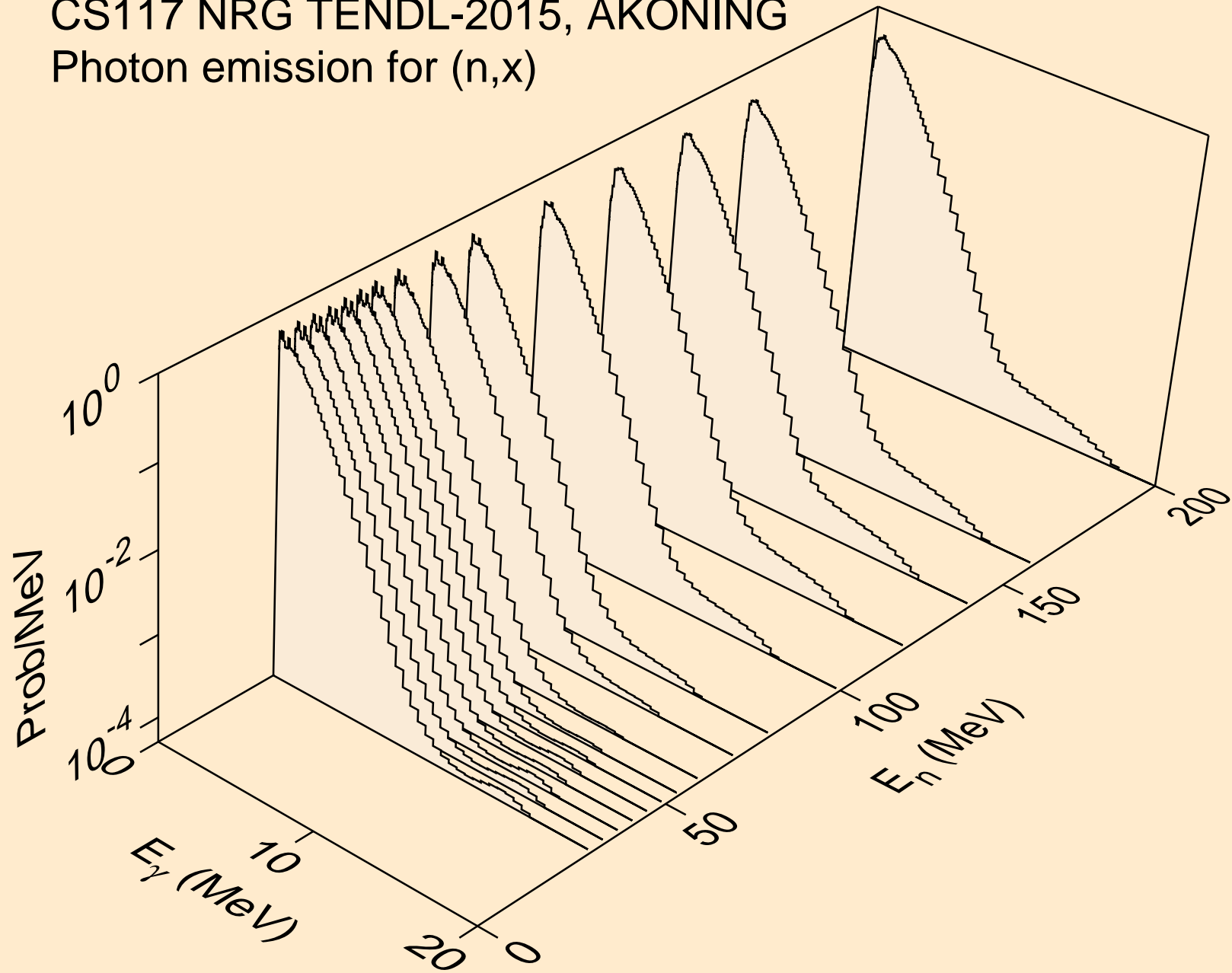
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



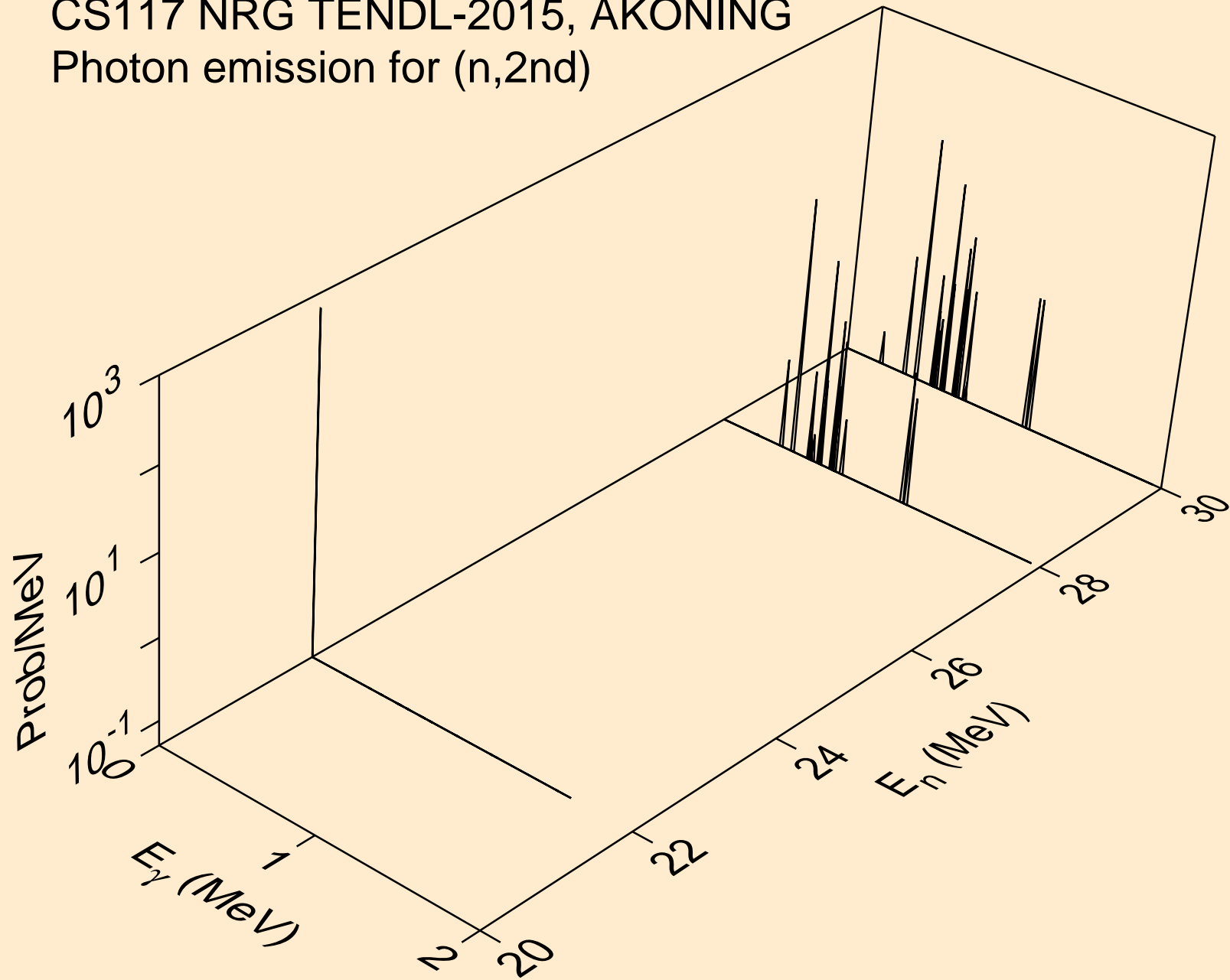
CS117 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



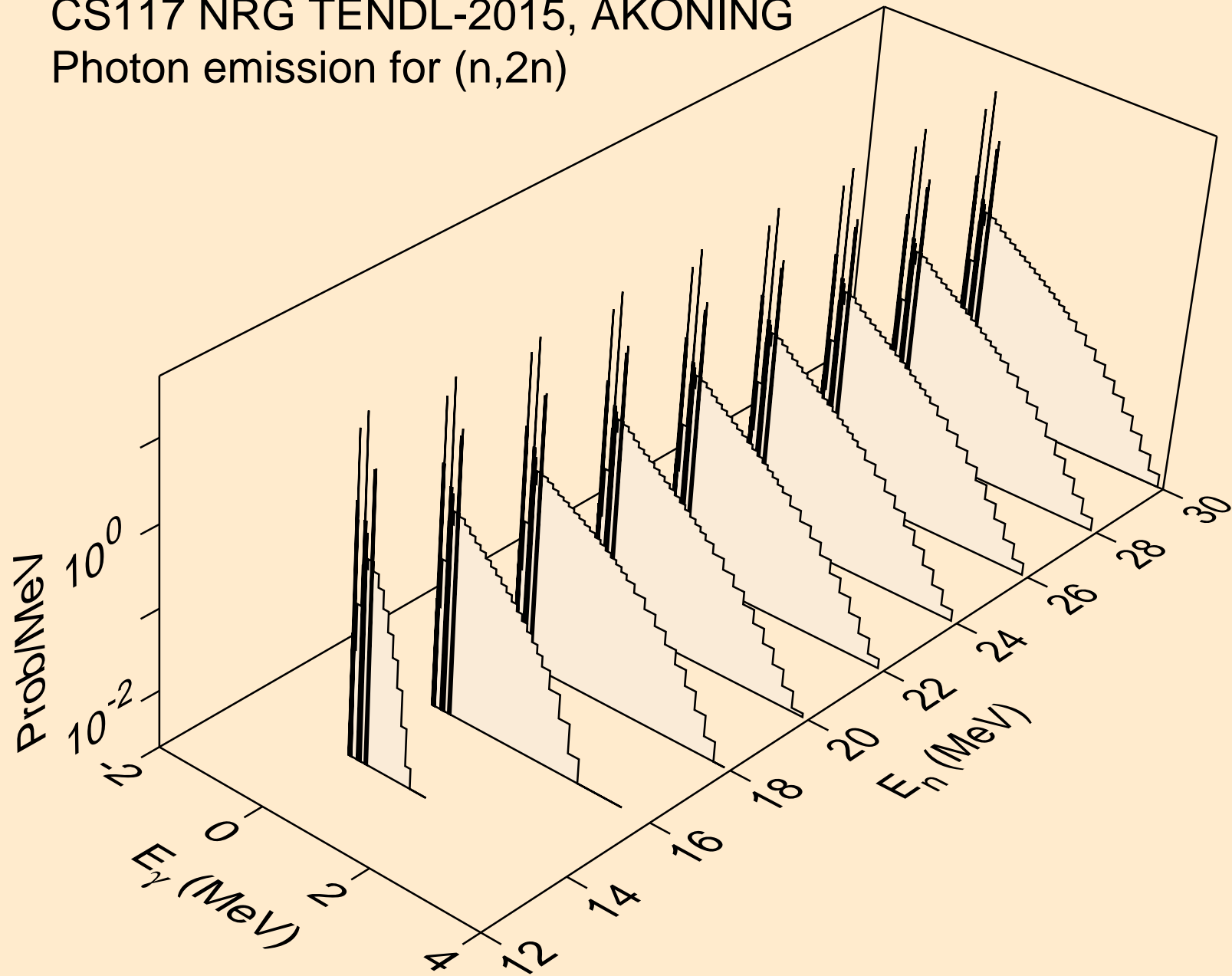
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



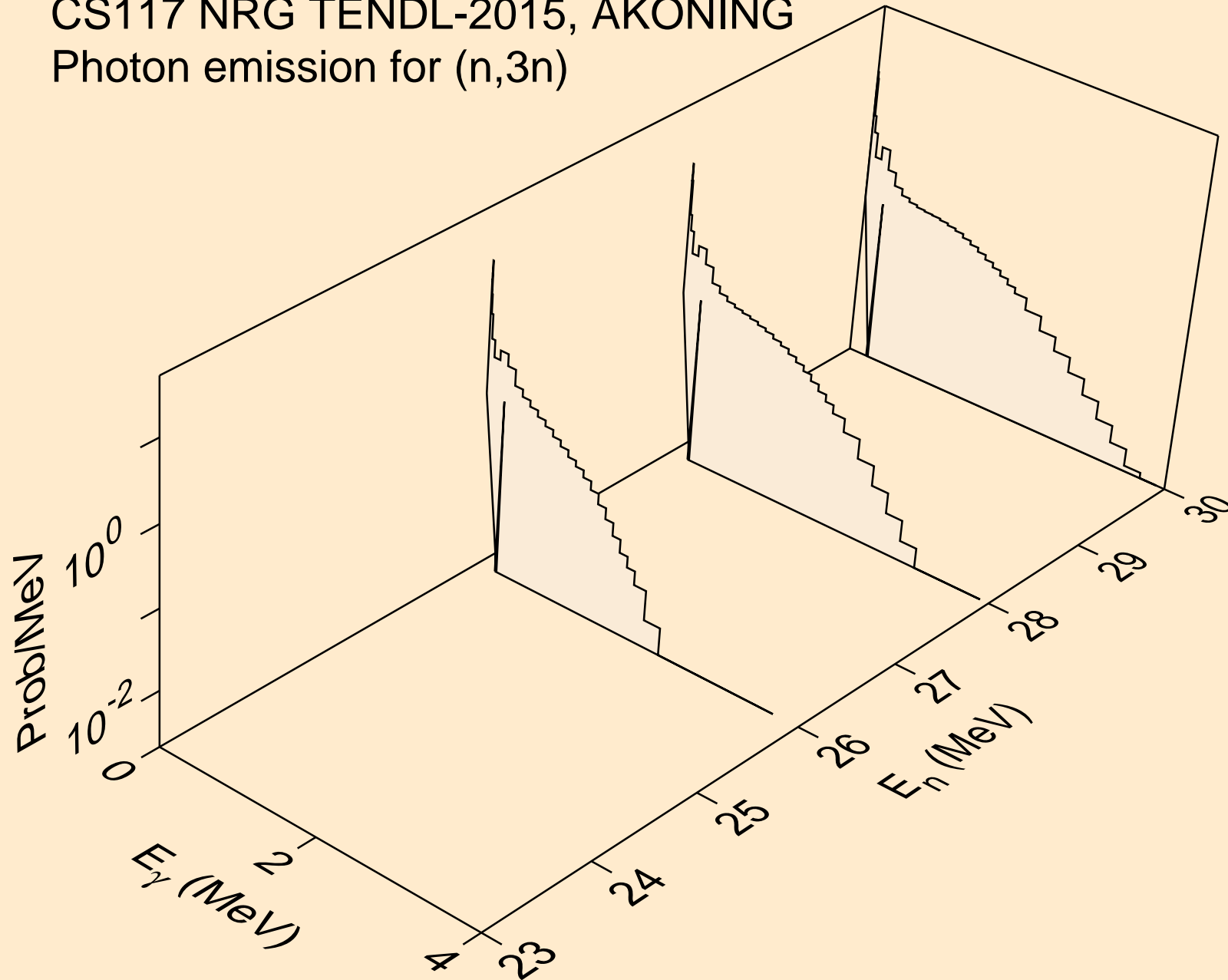
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



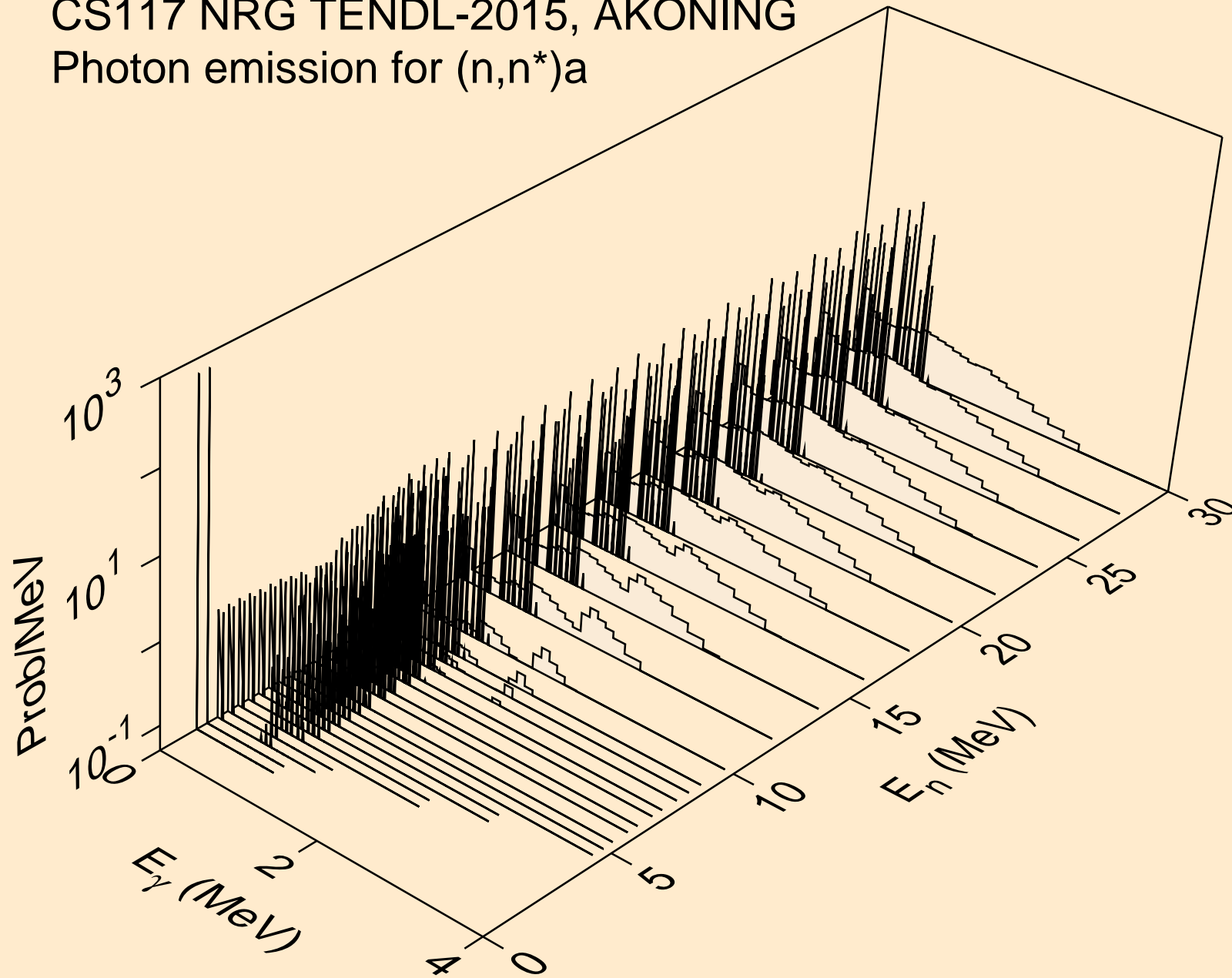
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



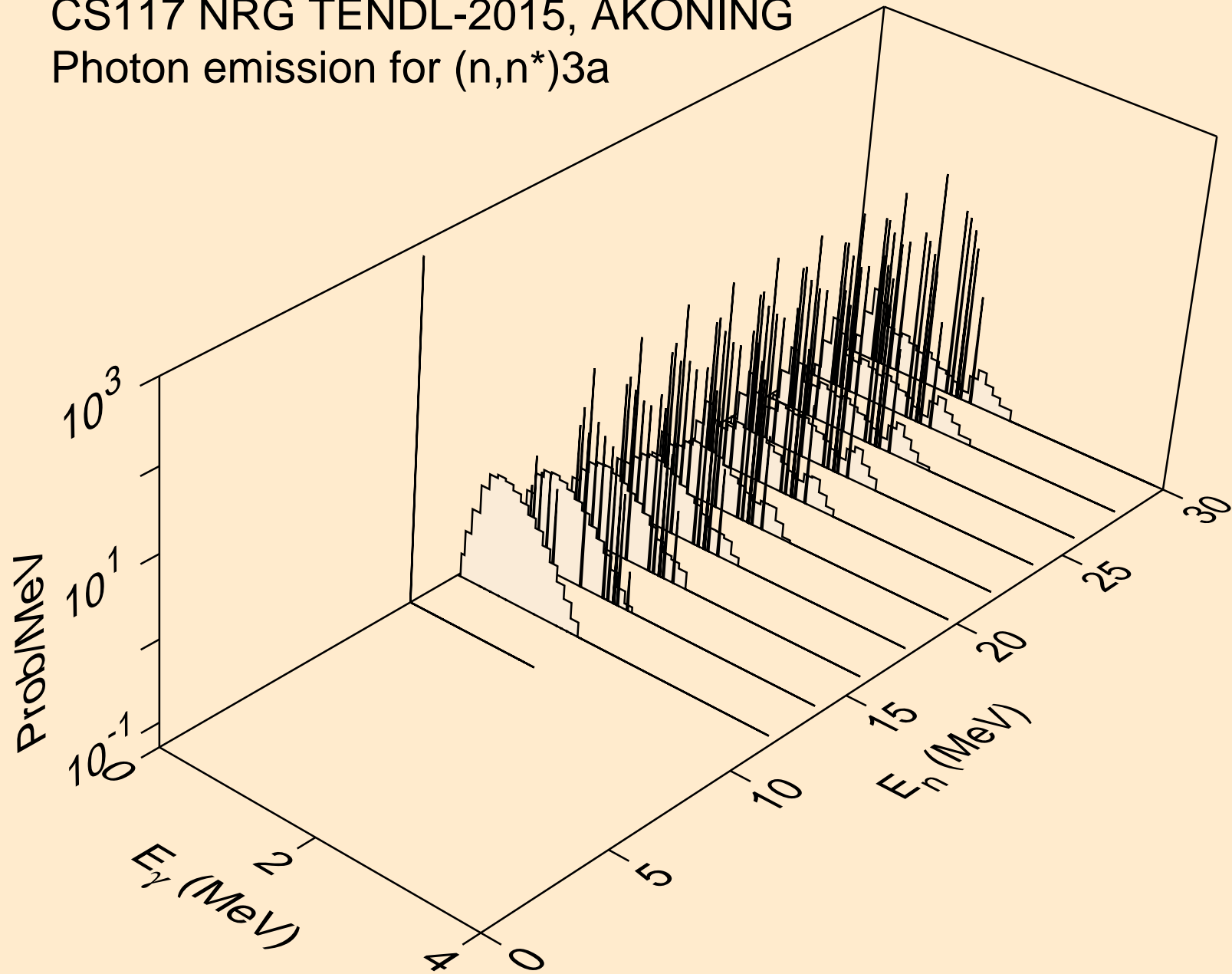
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



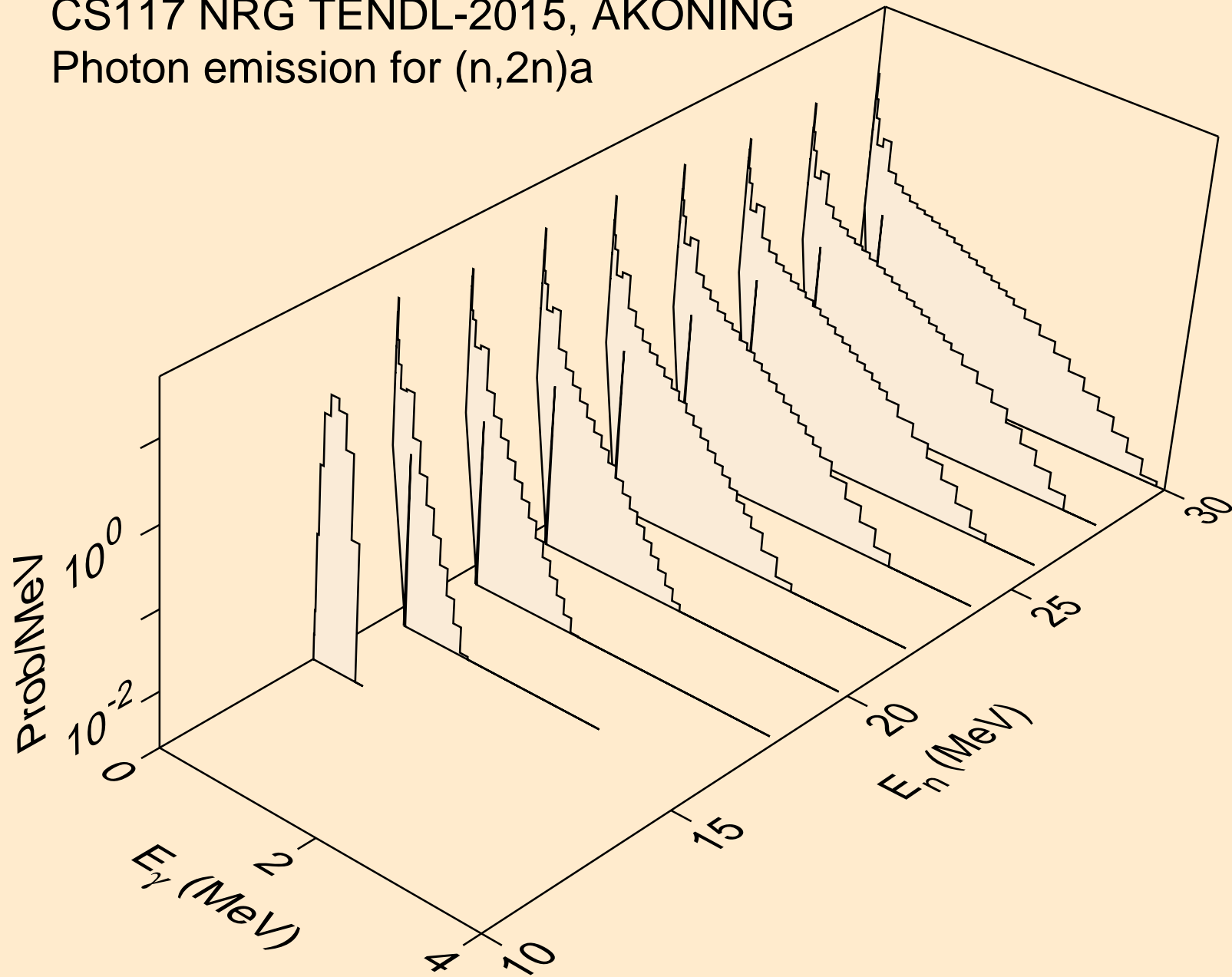
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)3a



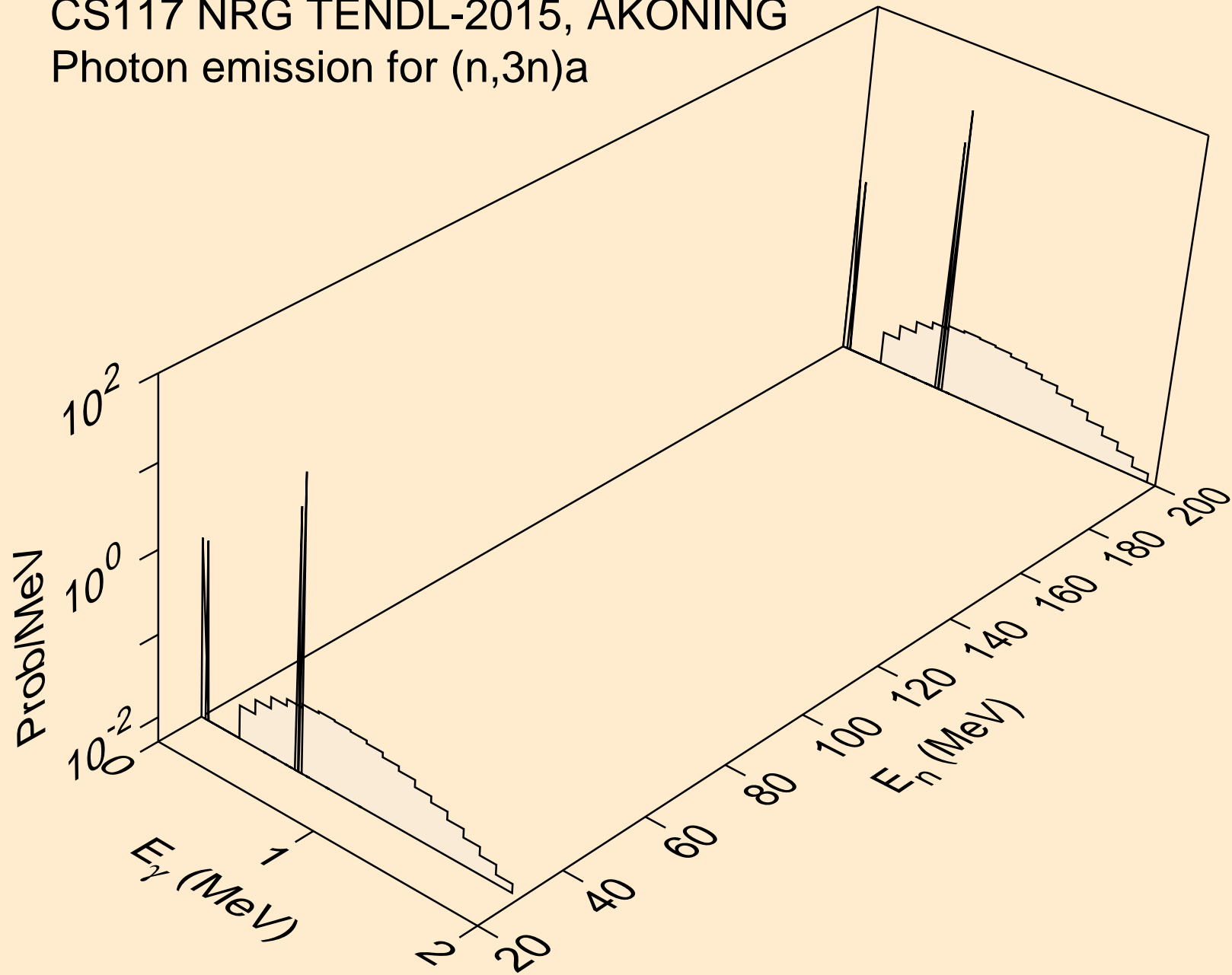


CS117 NRG TENDL-2015, AKONING

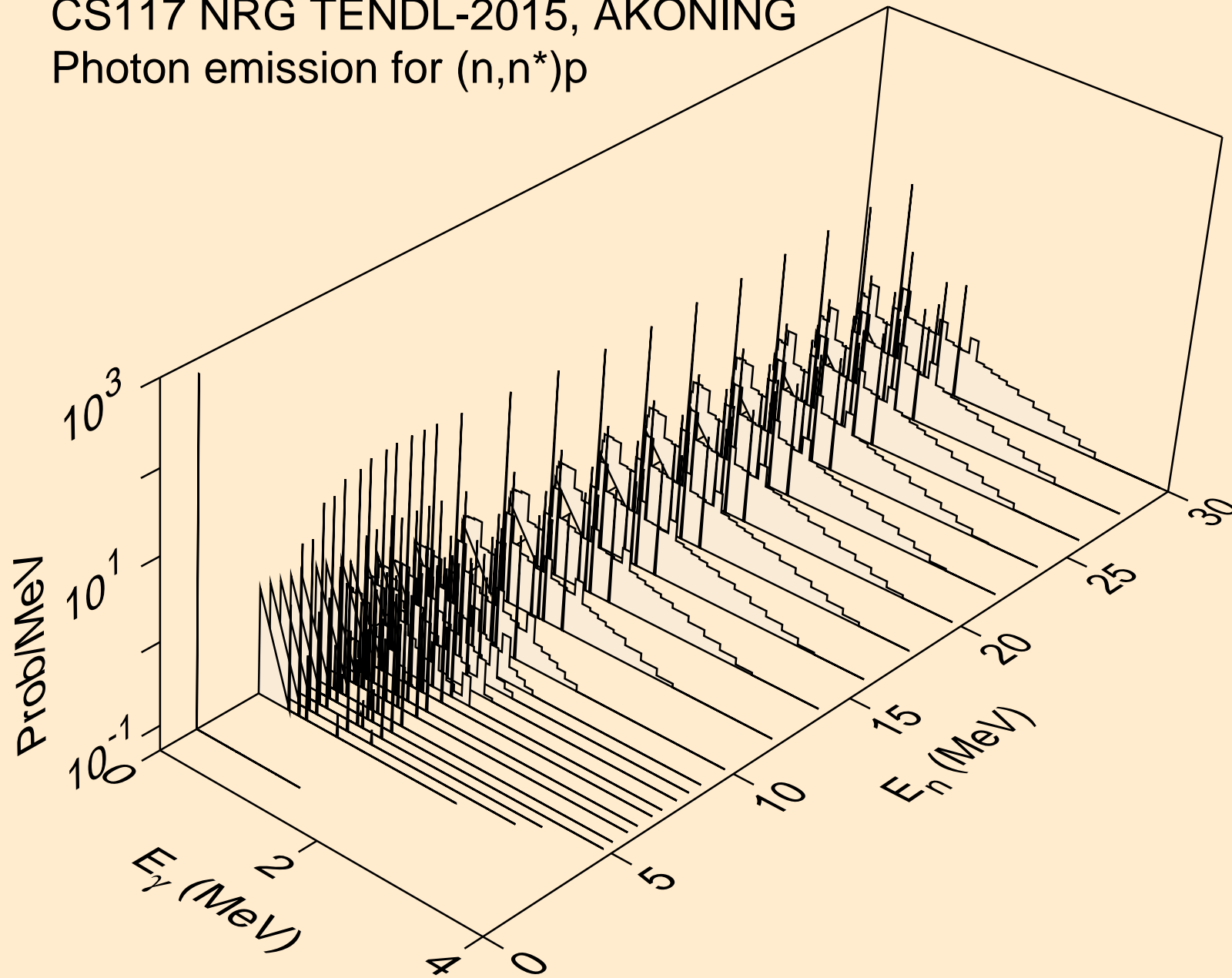
Photon emission for (n,2n) $\alpha$



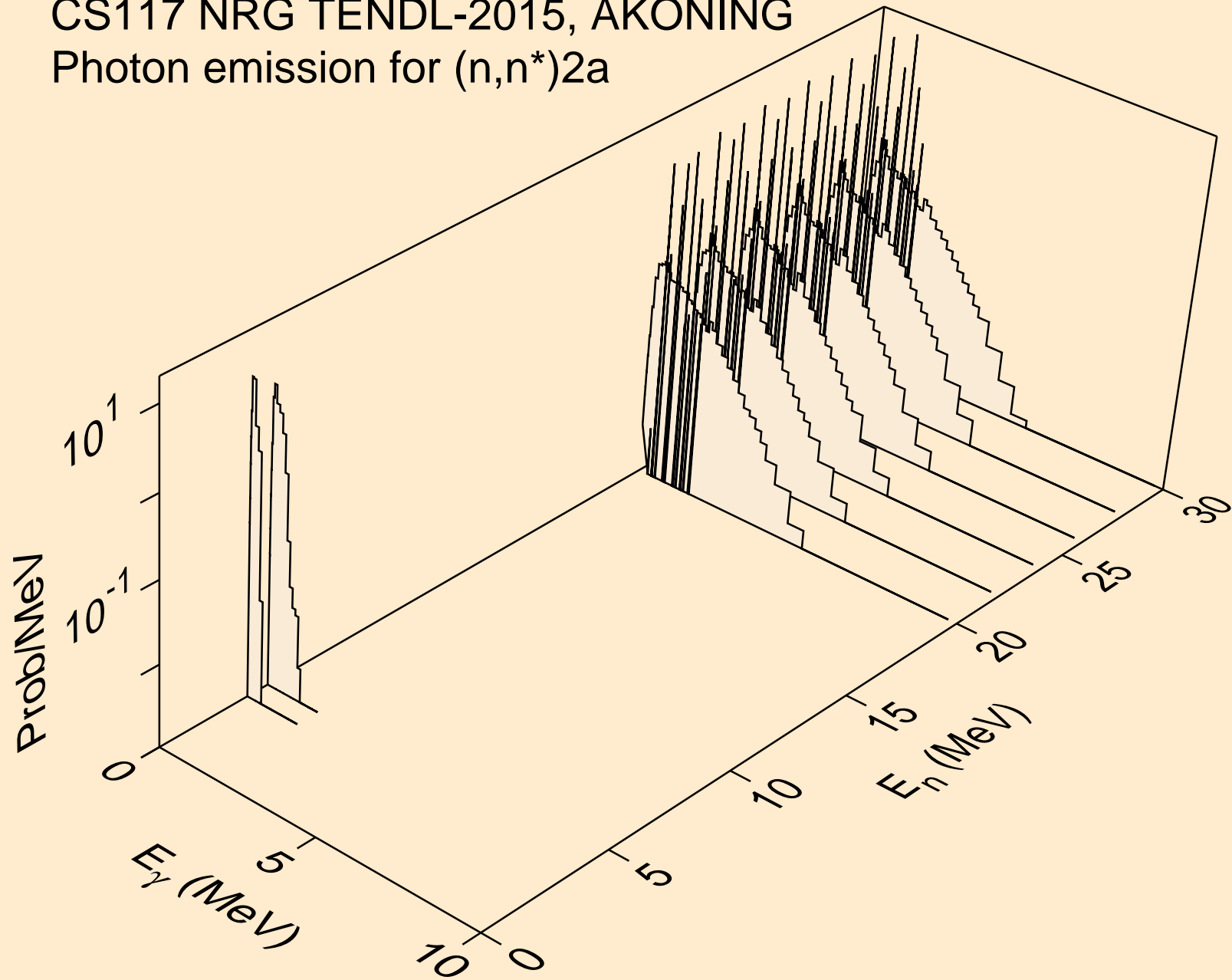
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



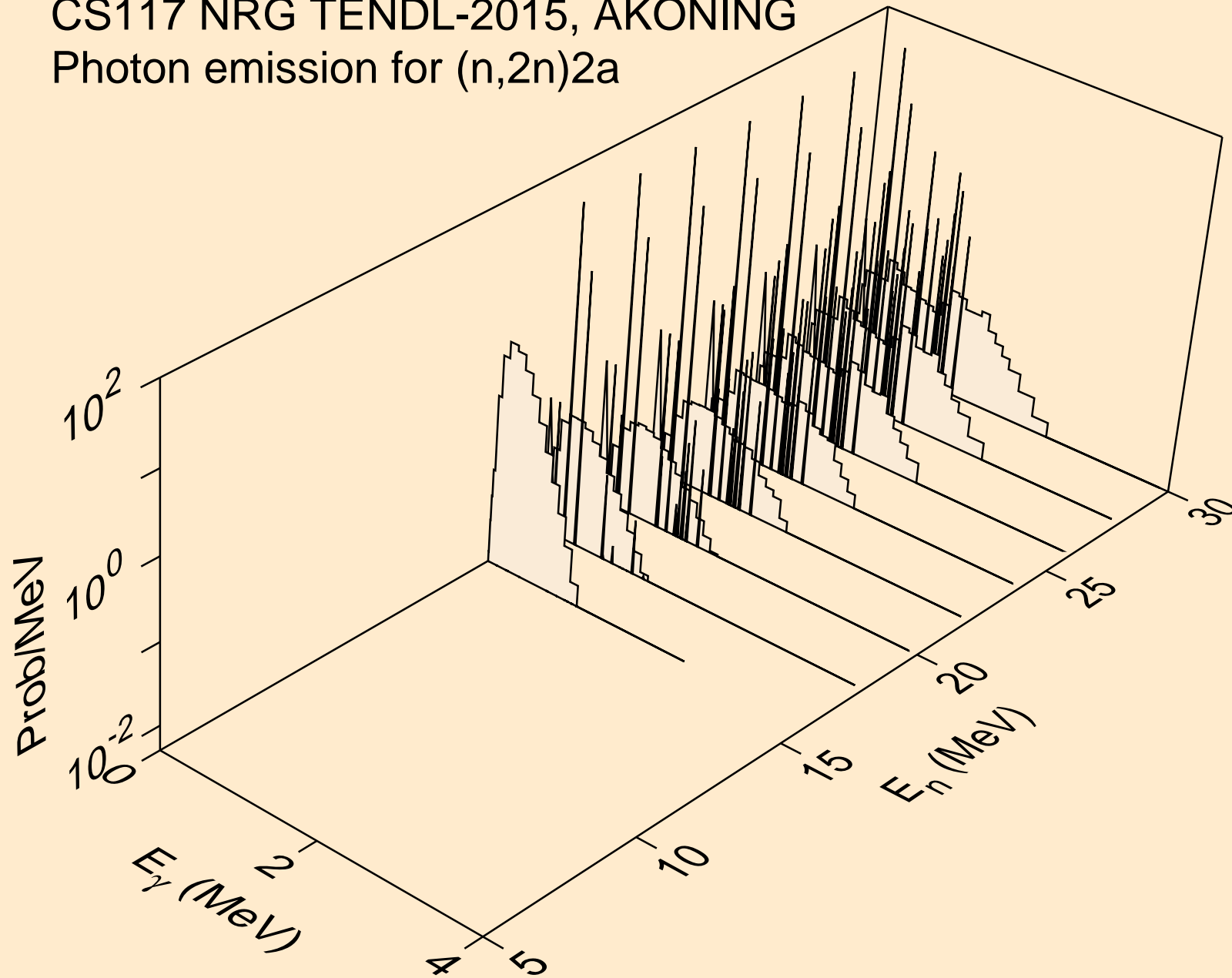
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



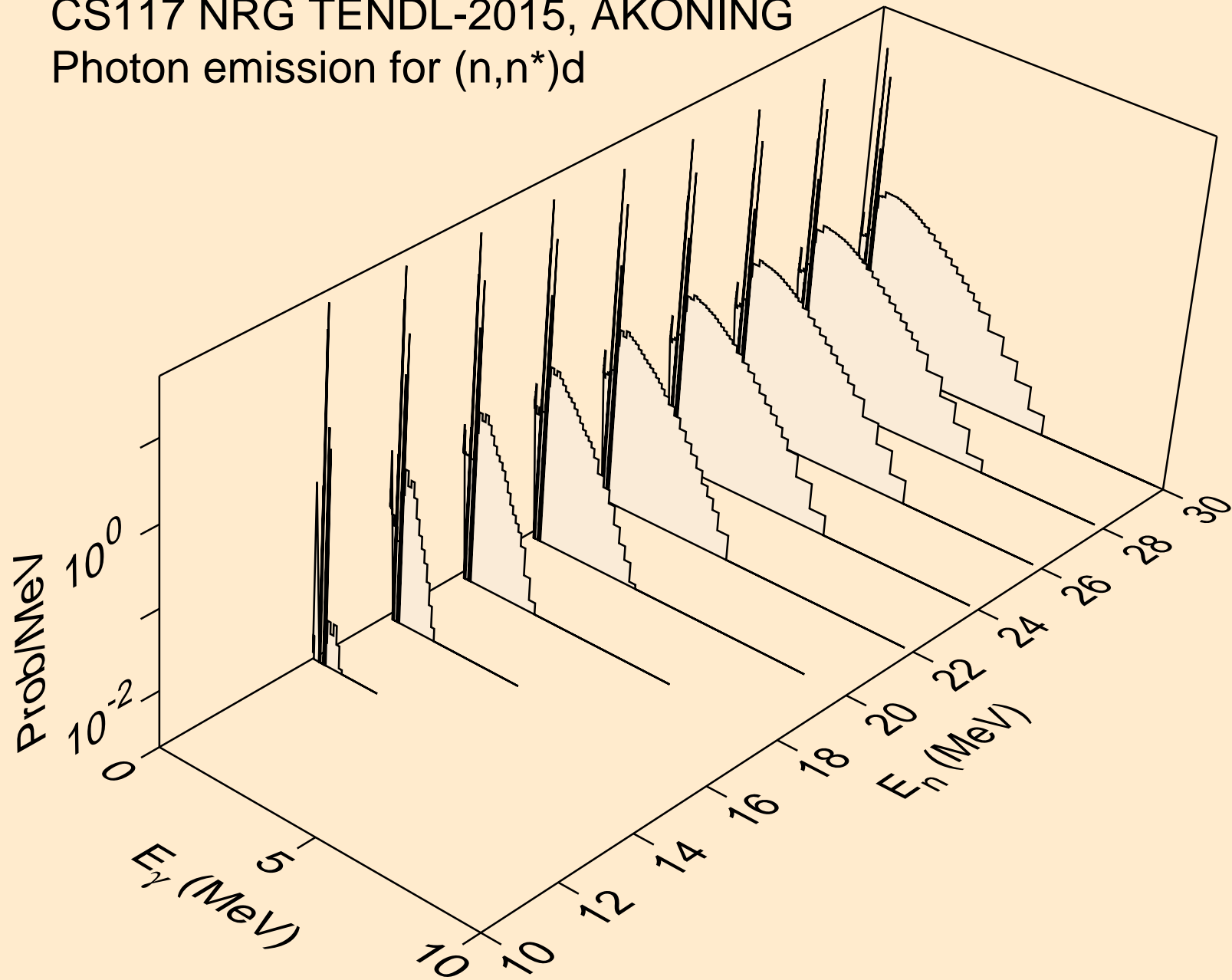
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



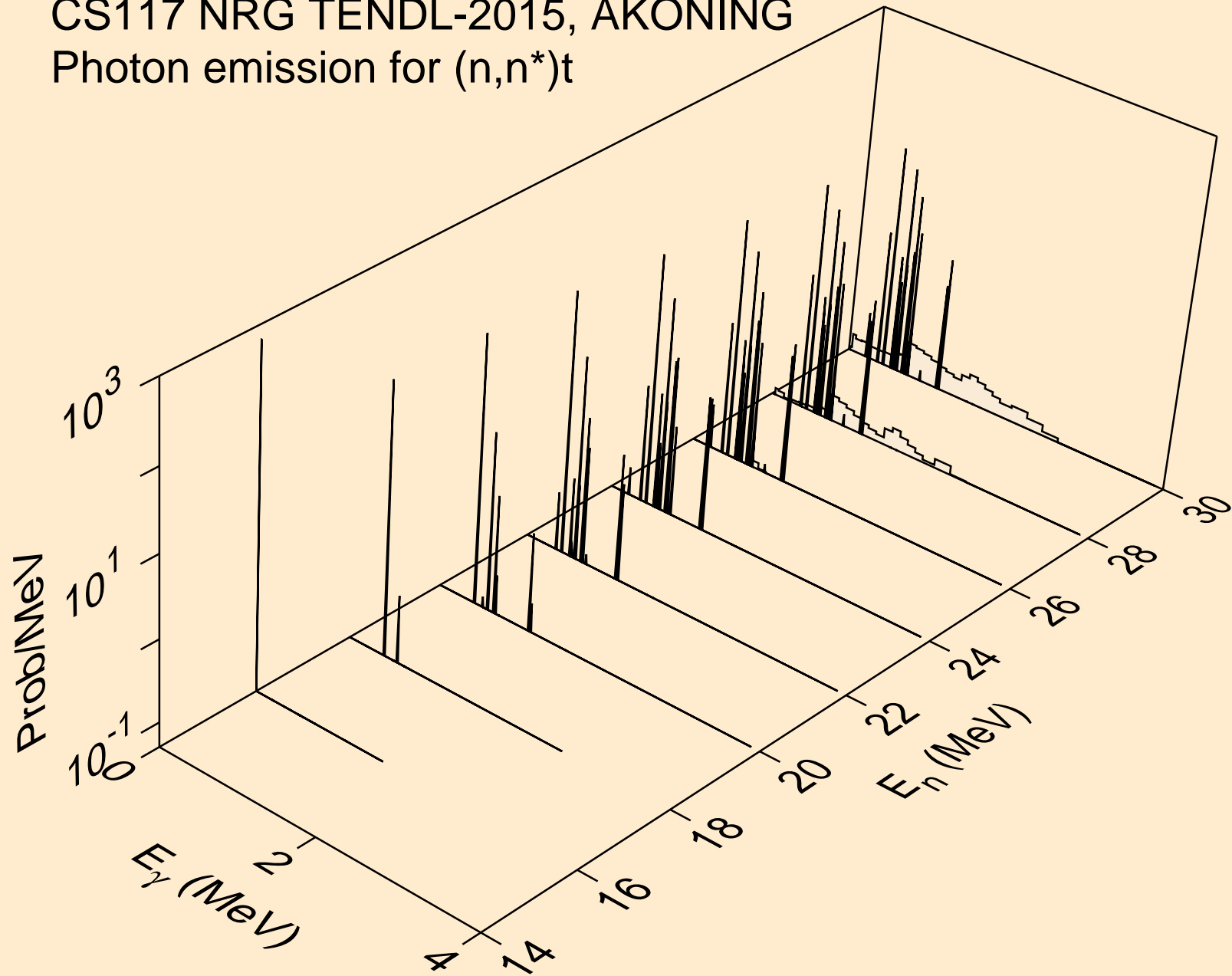
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



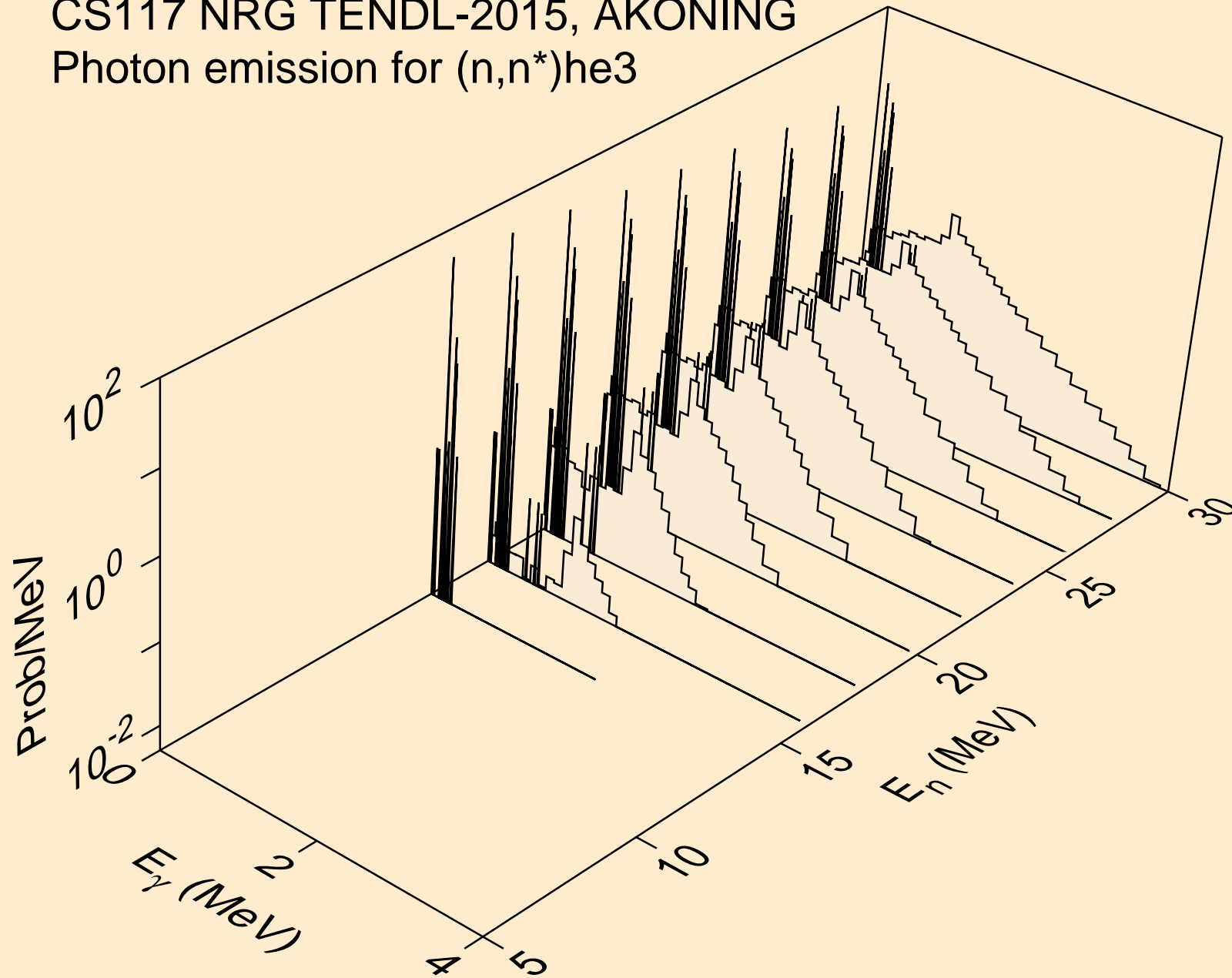
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

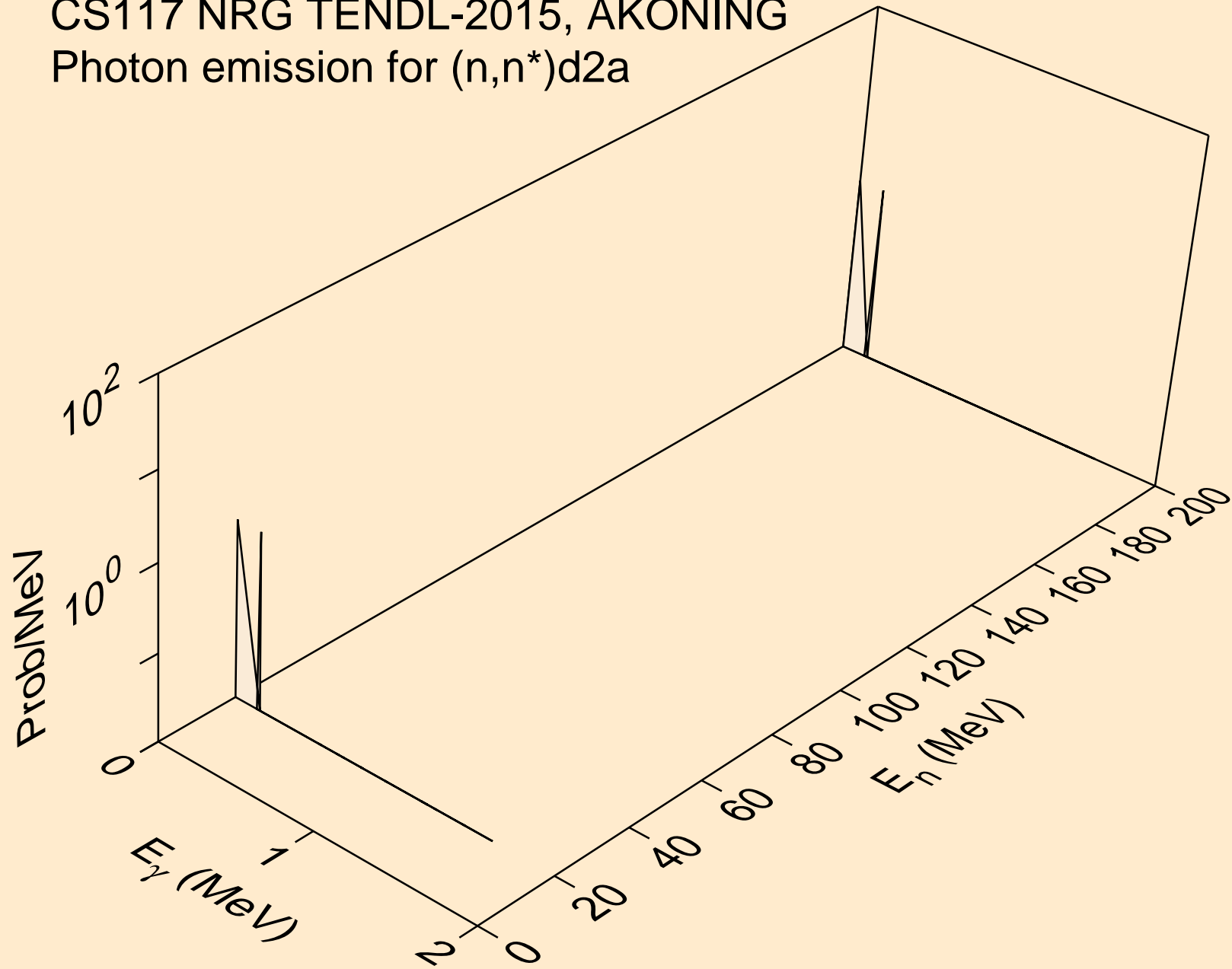


CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

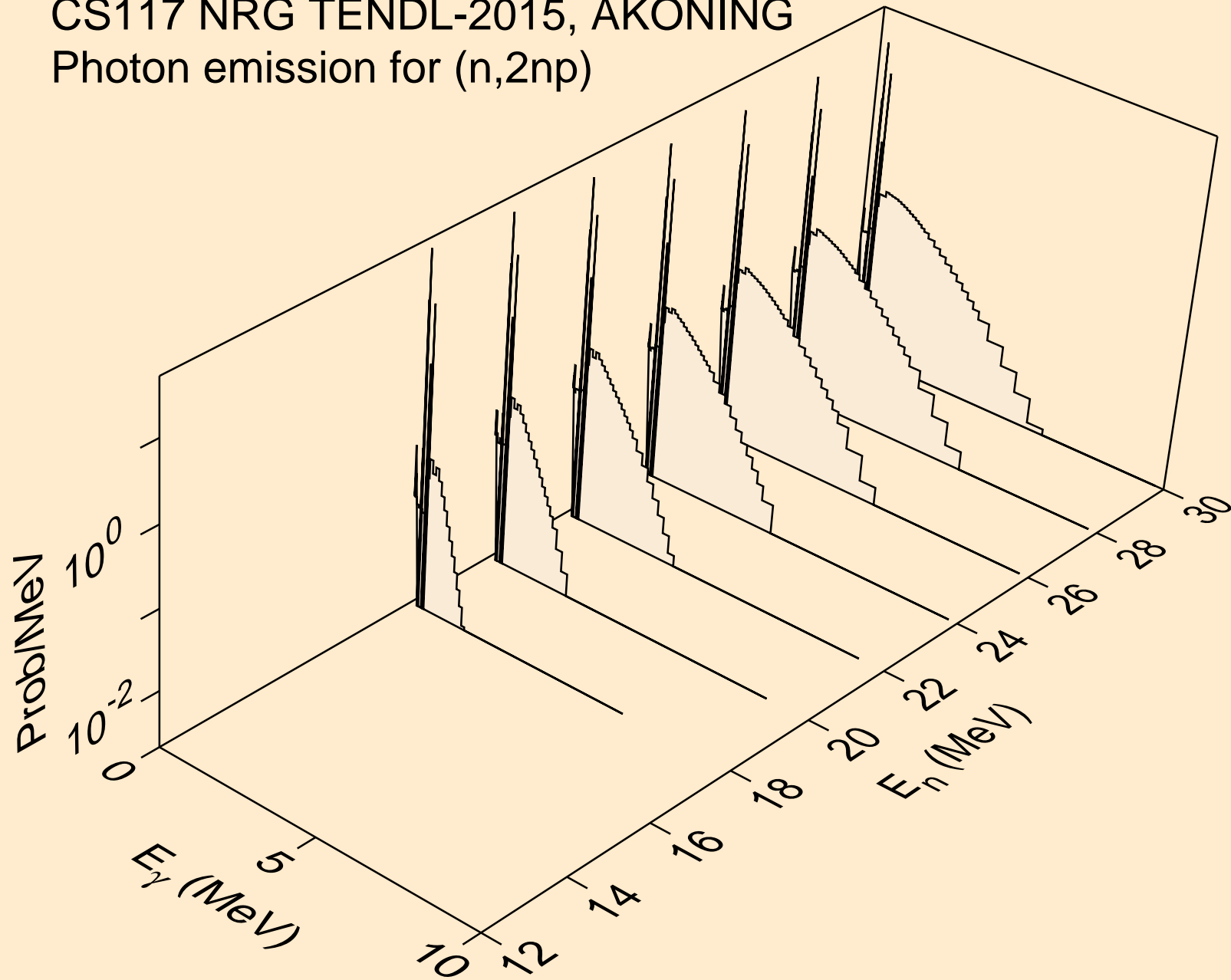




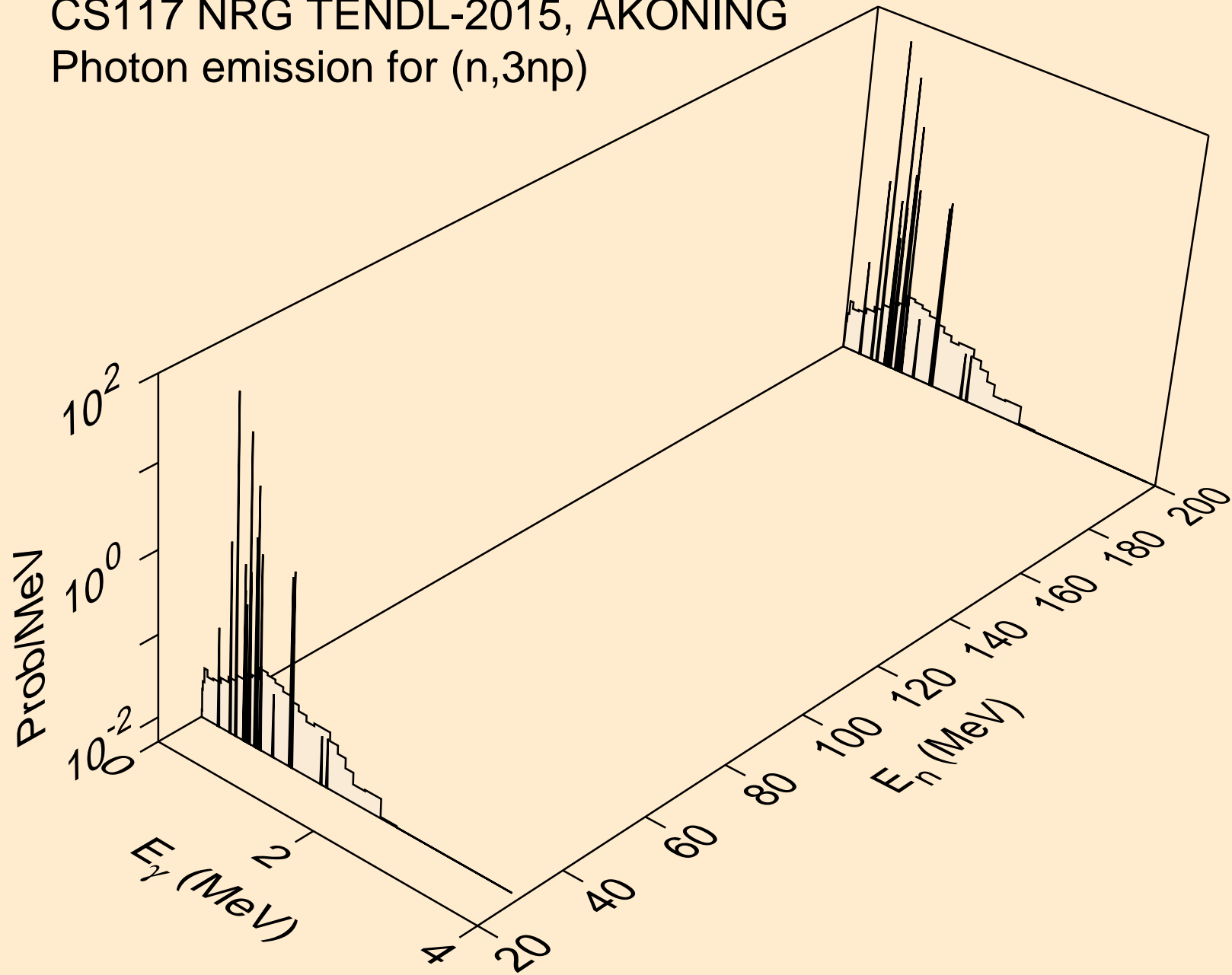
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d2a



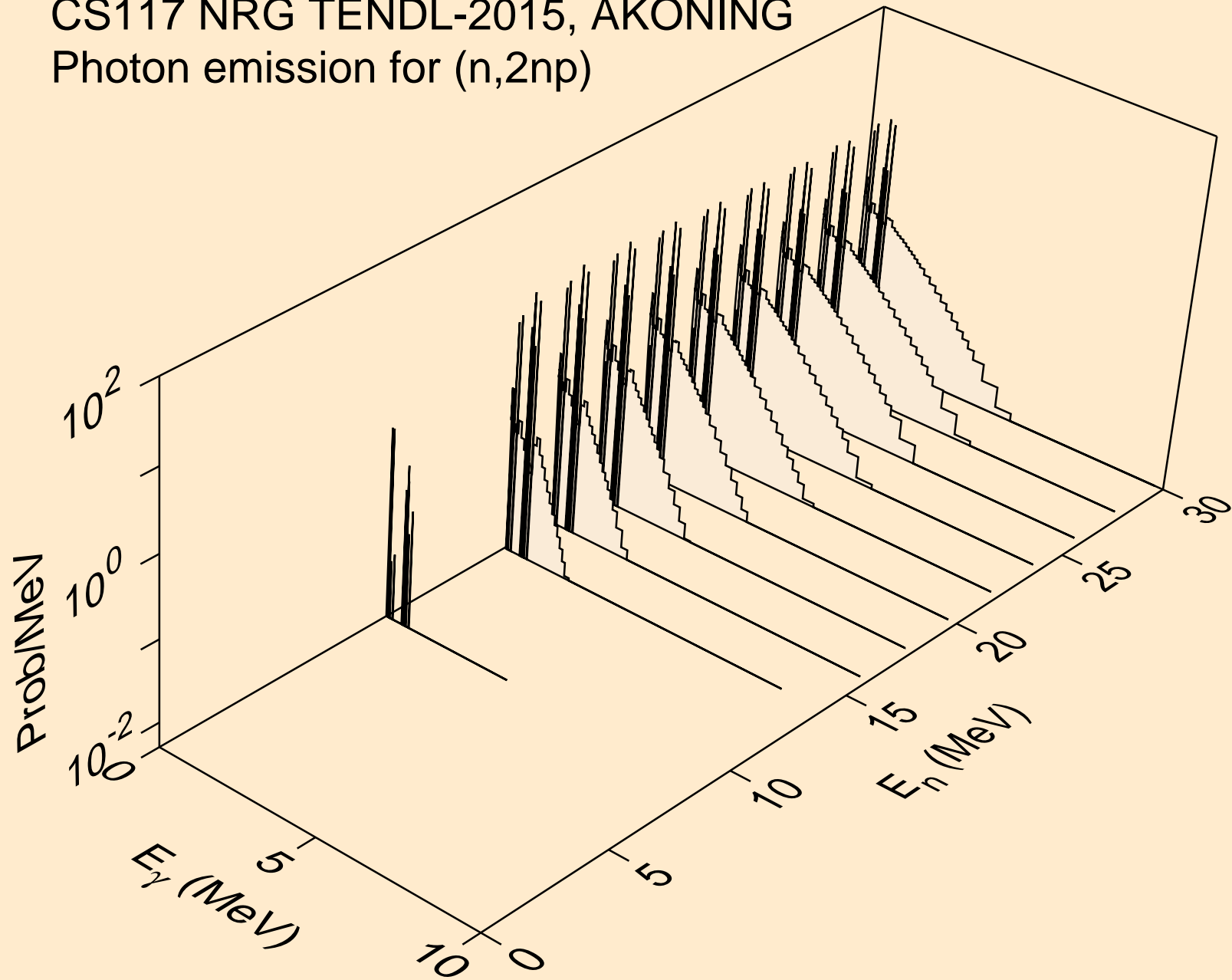
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



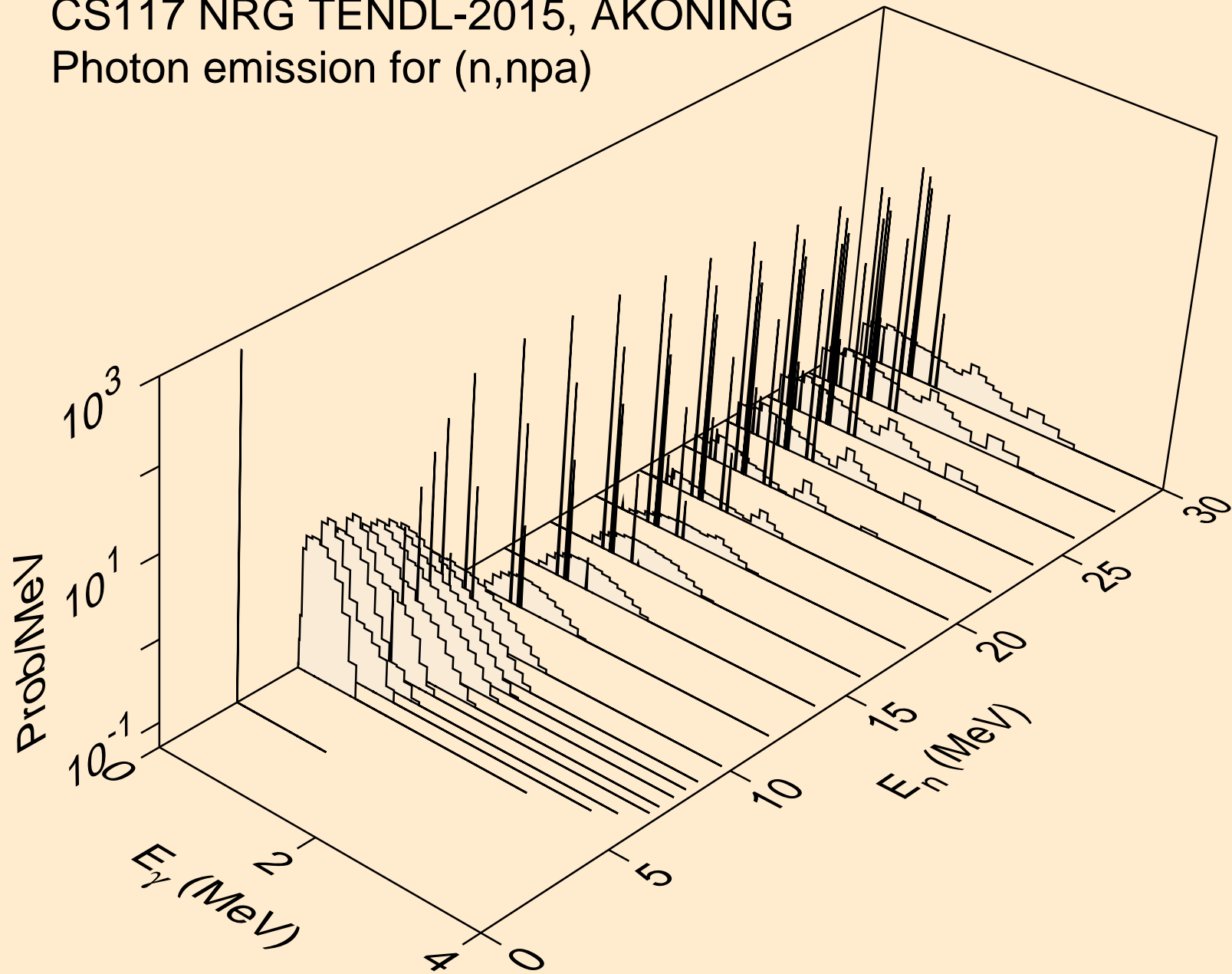
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



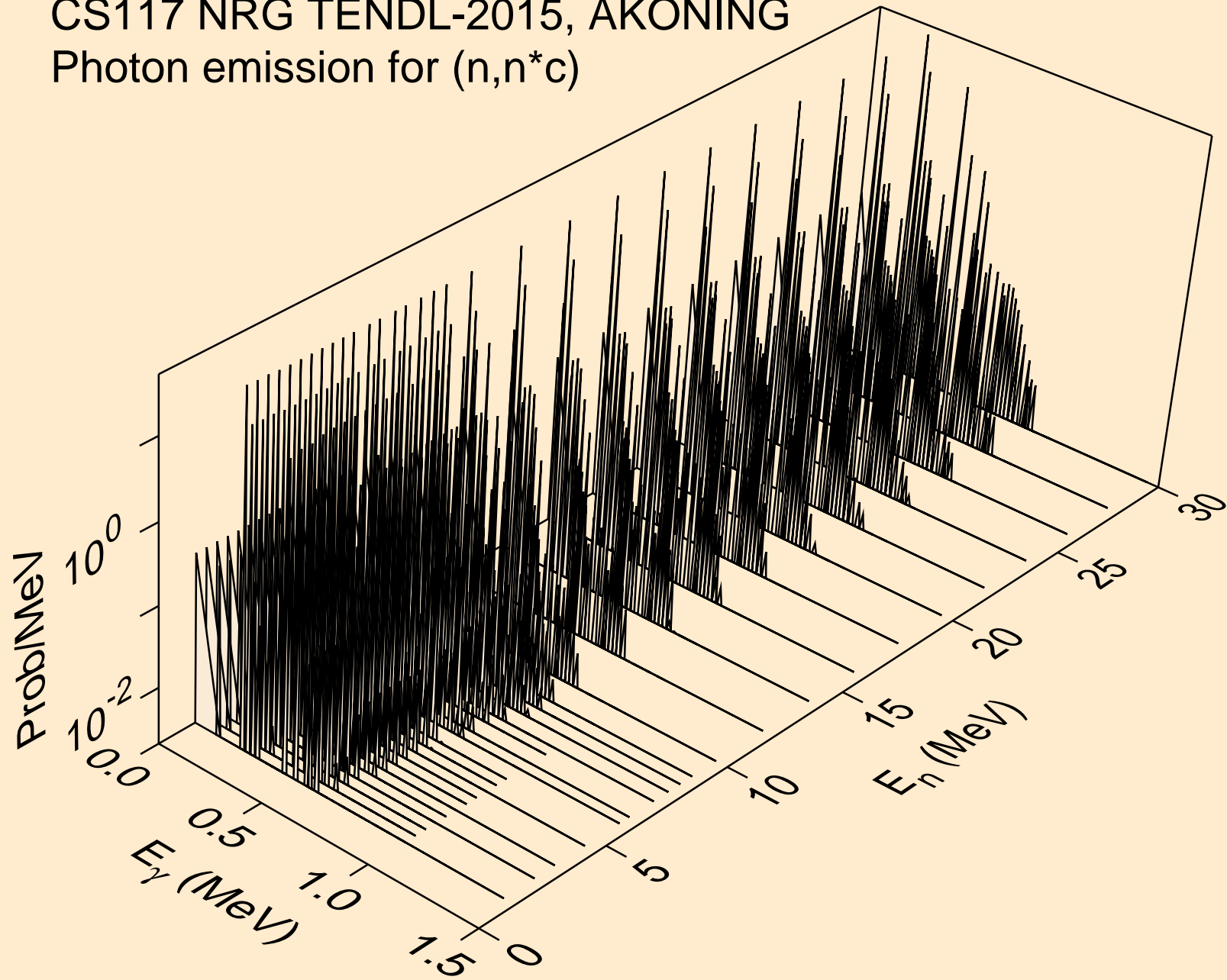
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



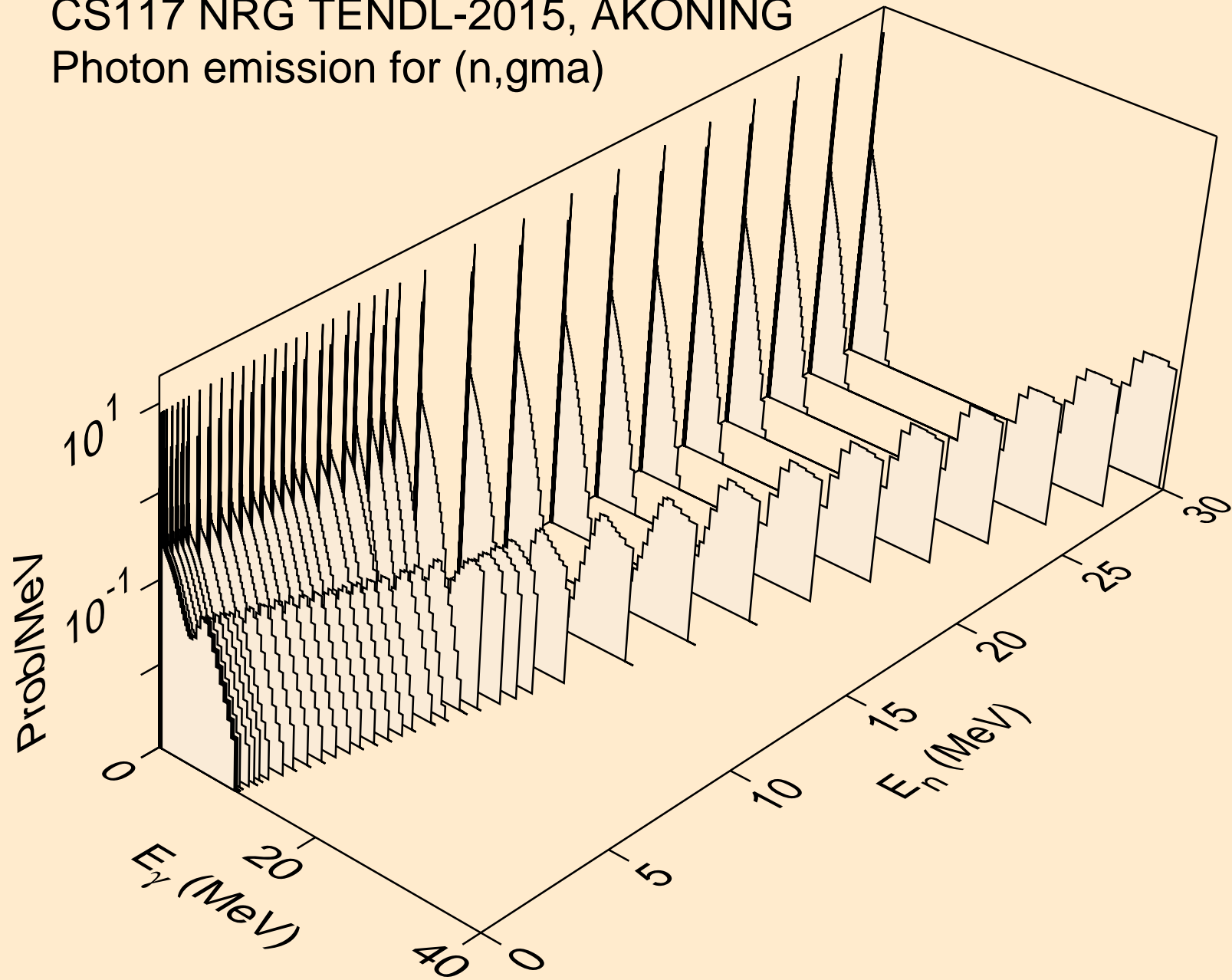
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



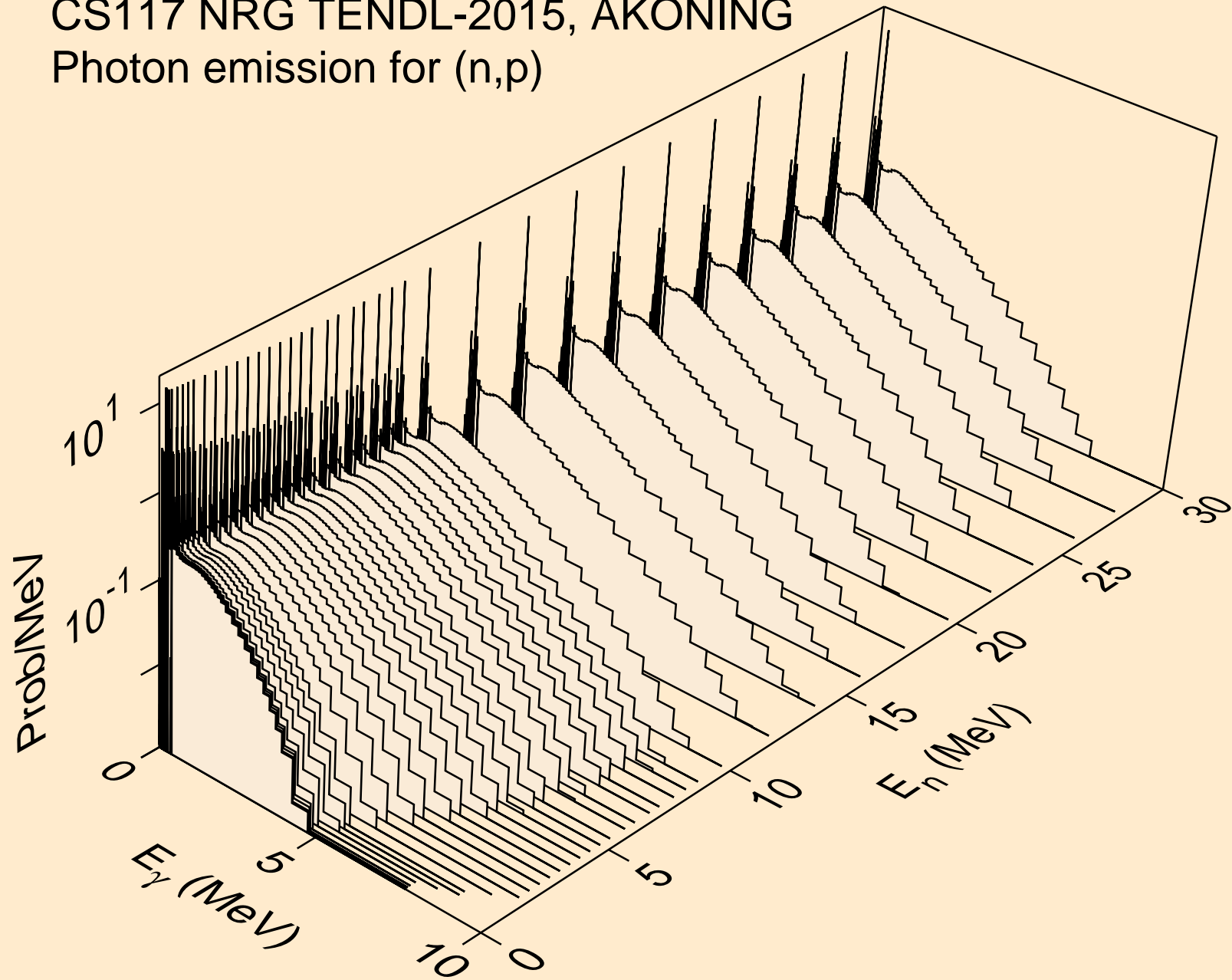
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

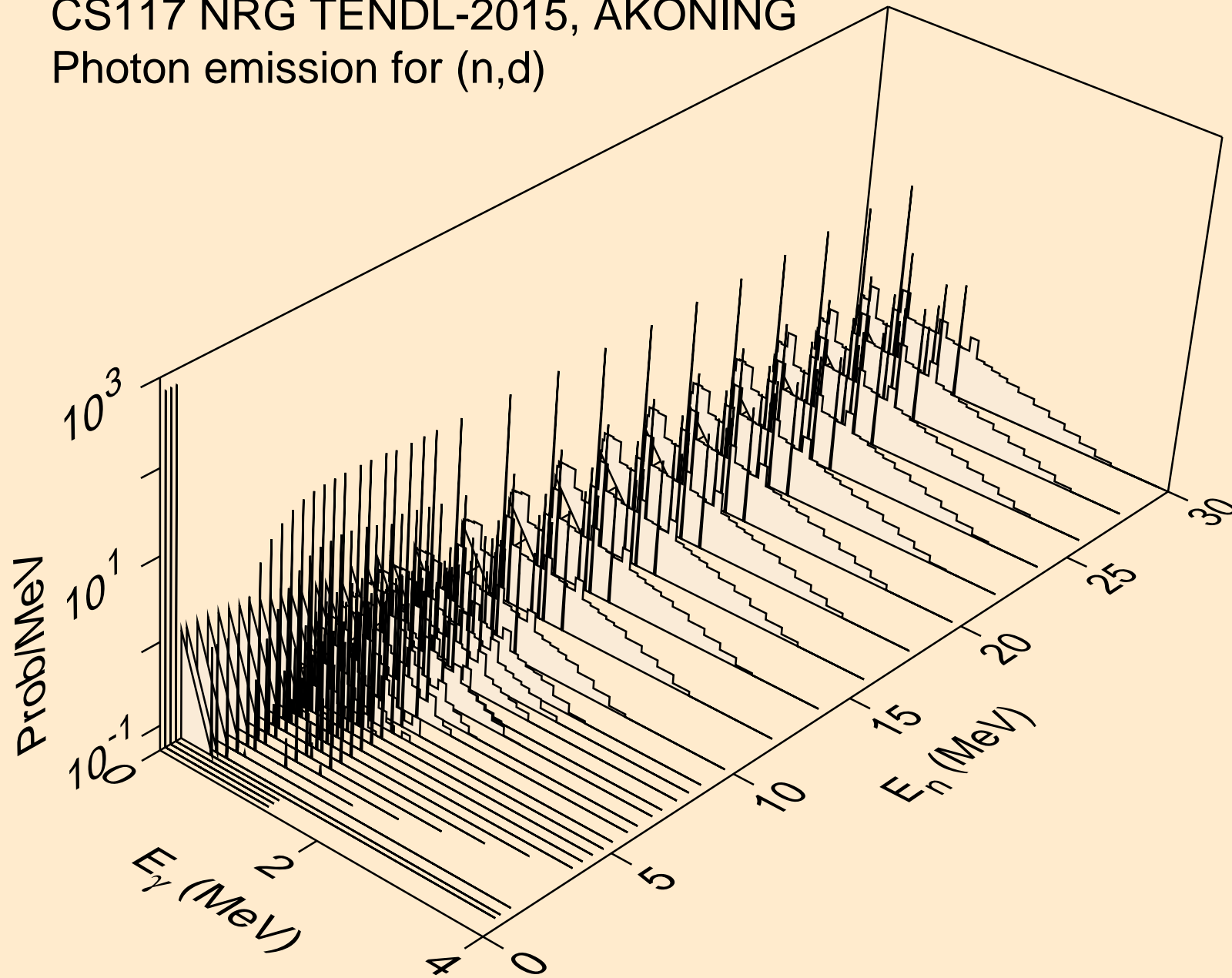


CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

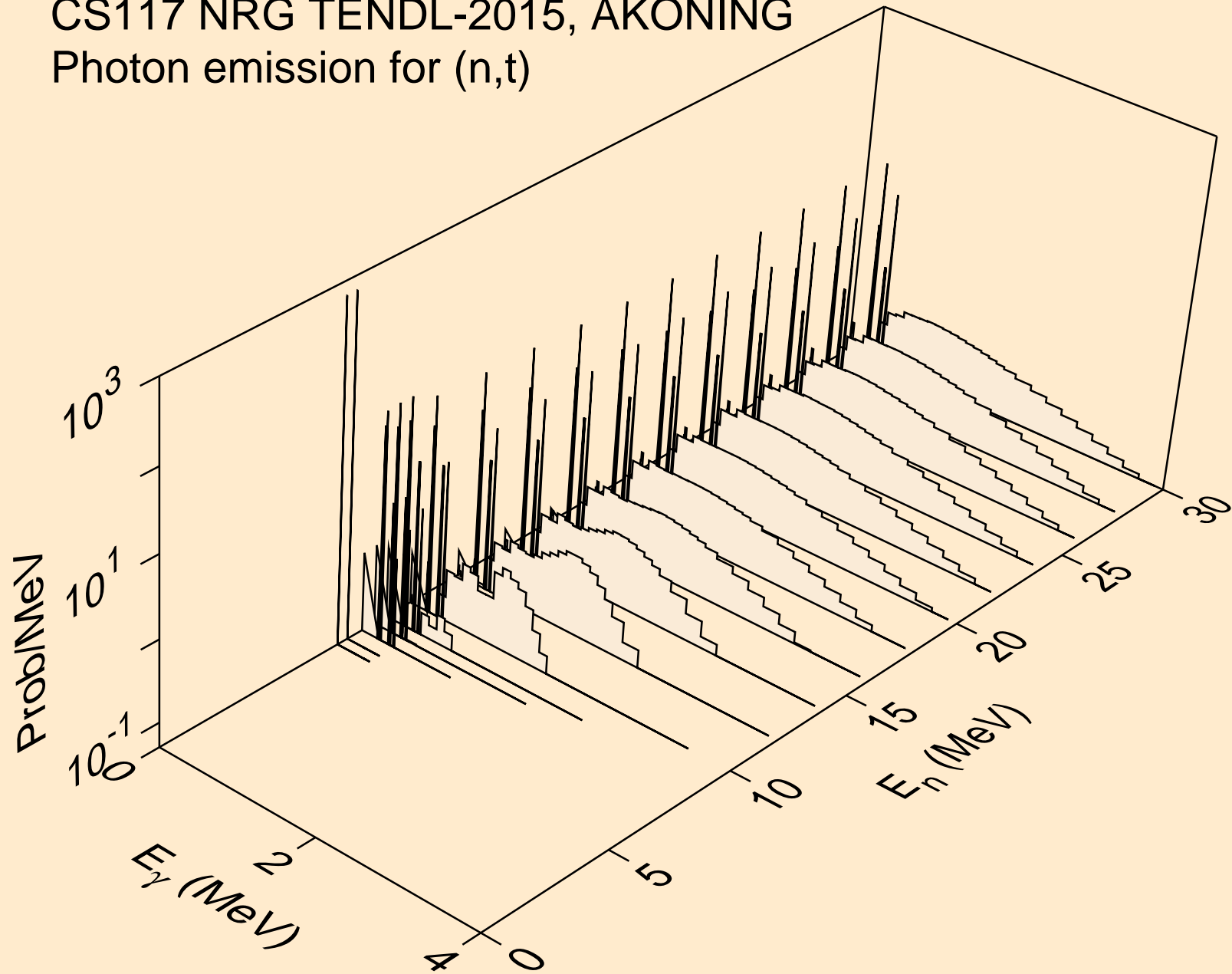




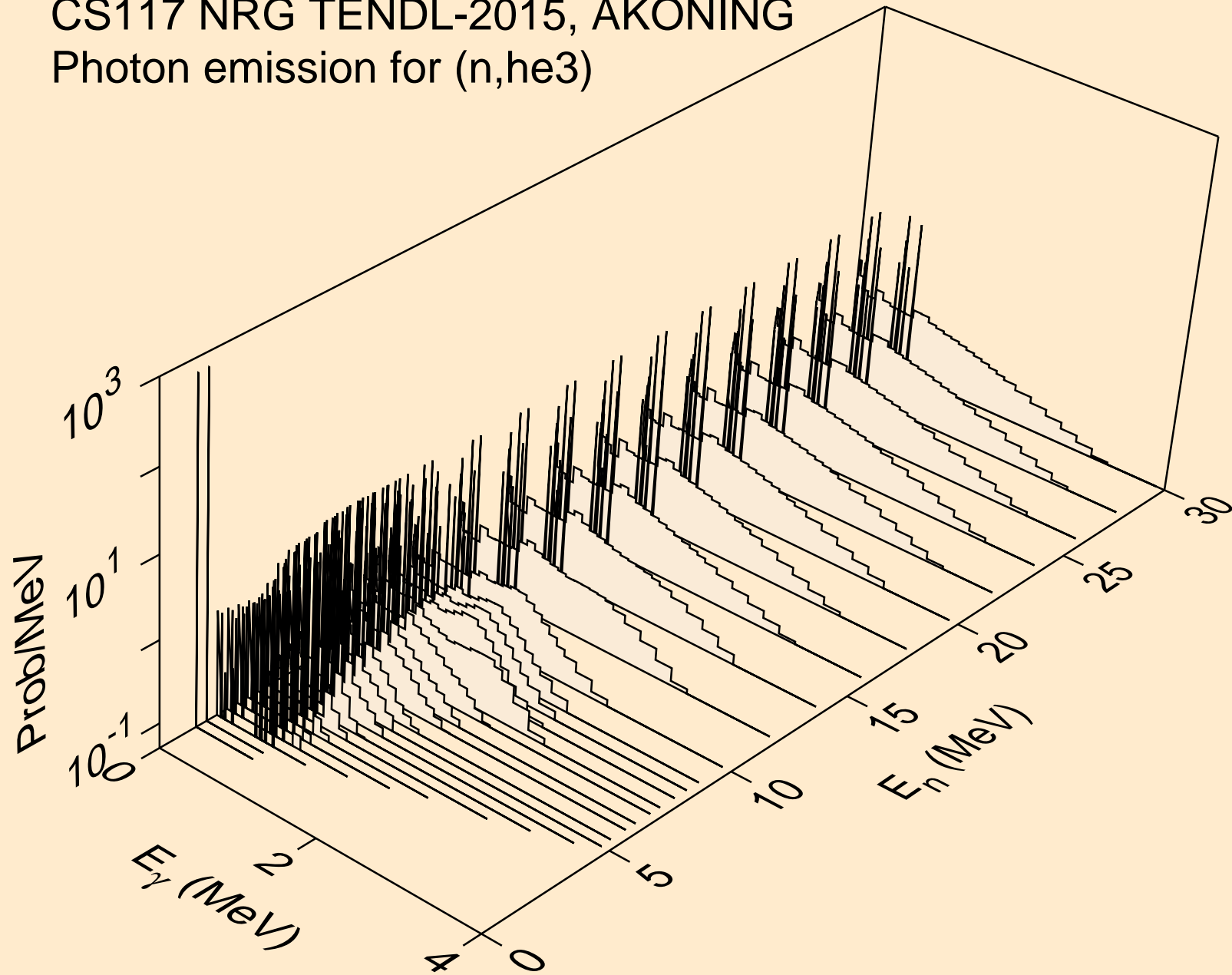
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



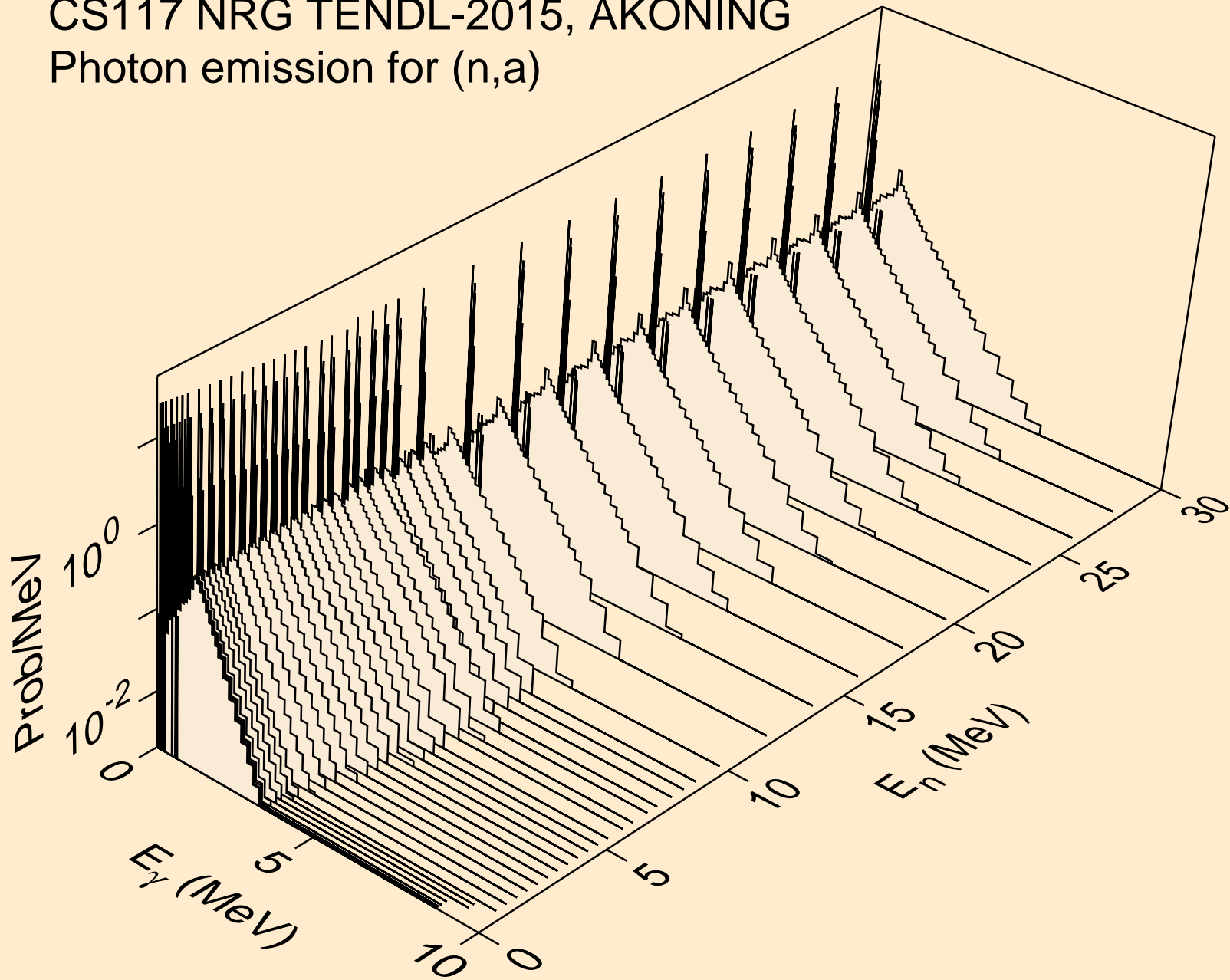
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



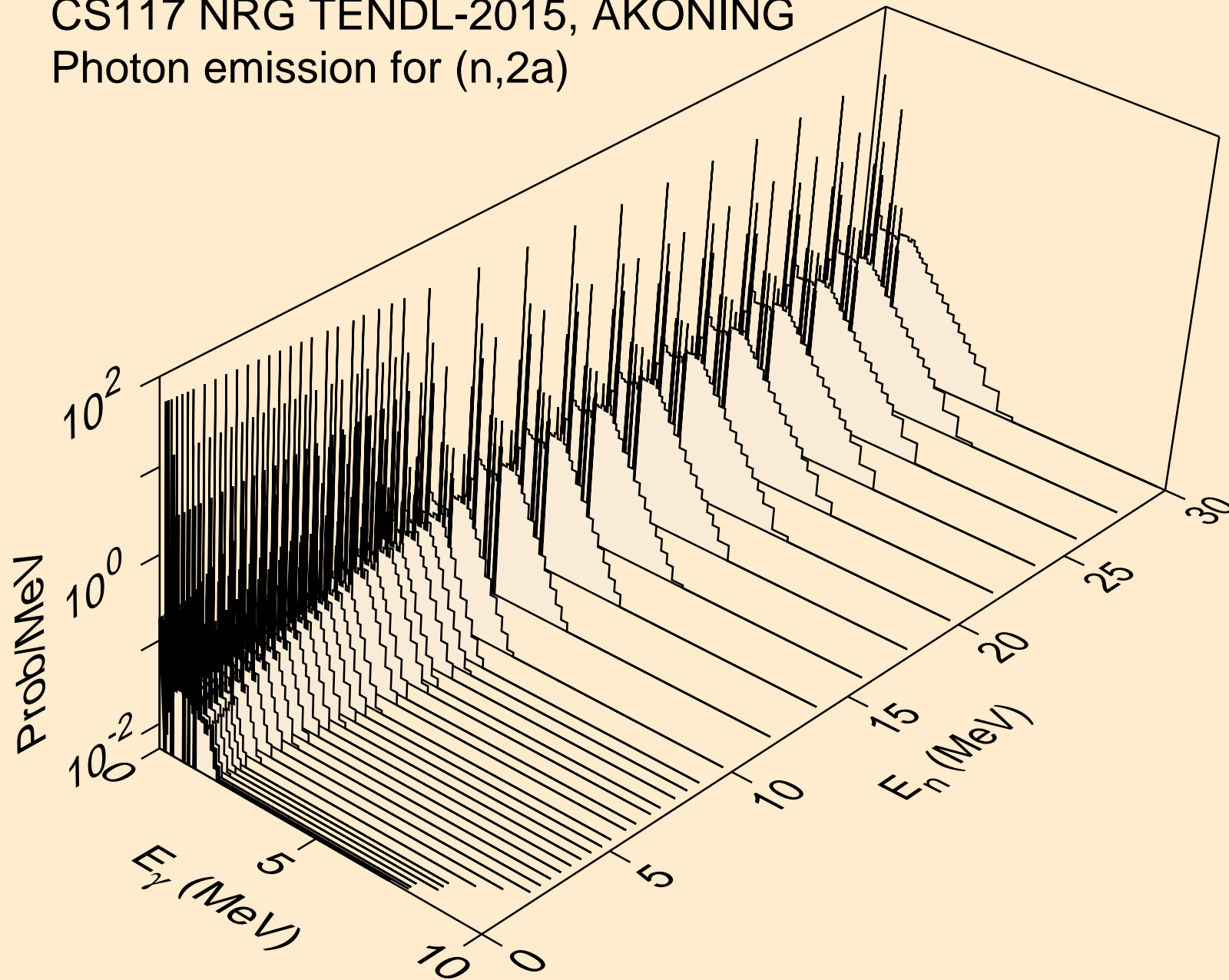
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



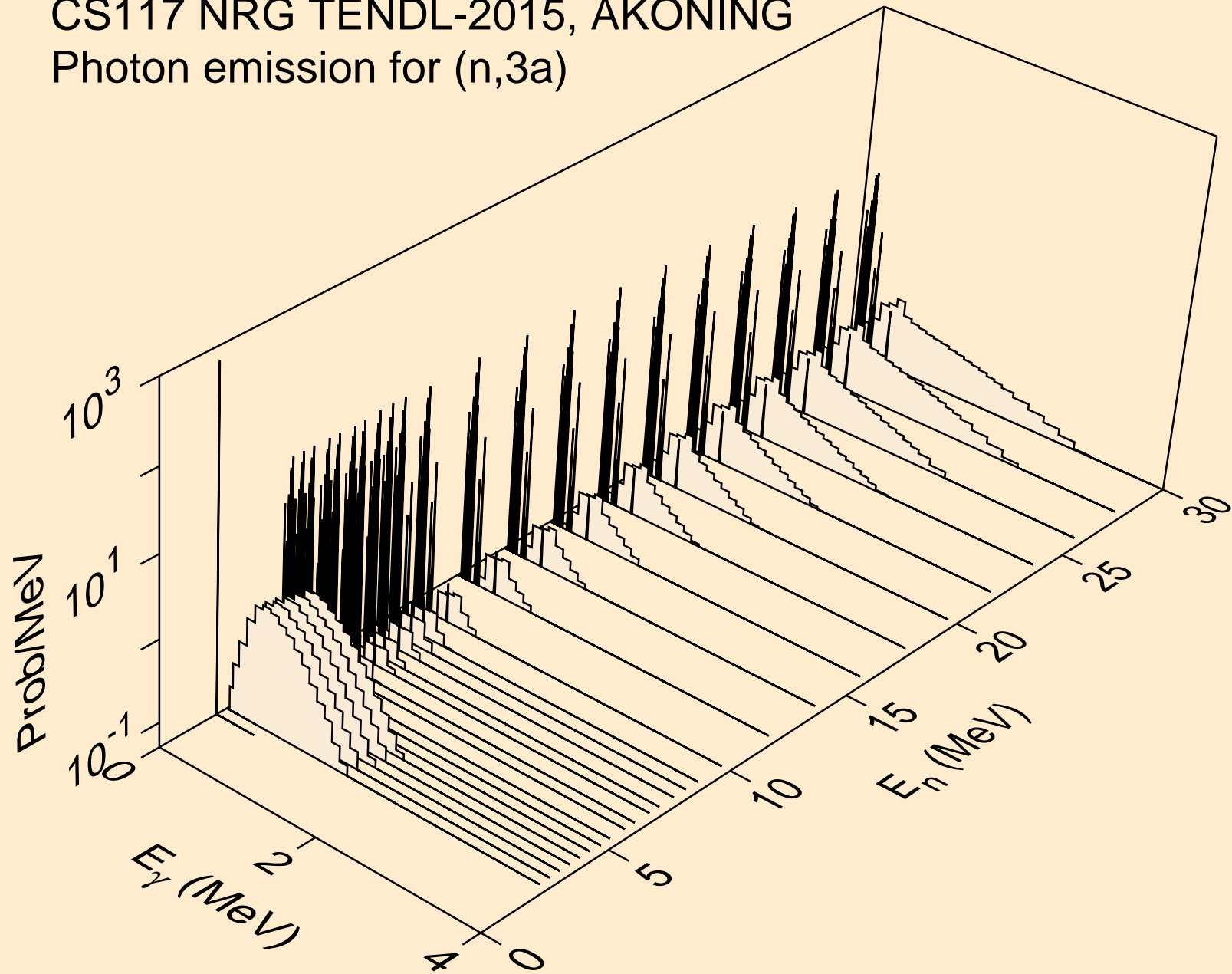
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



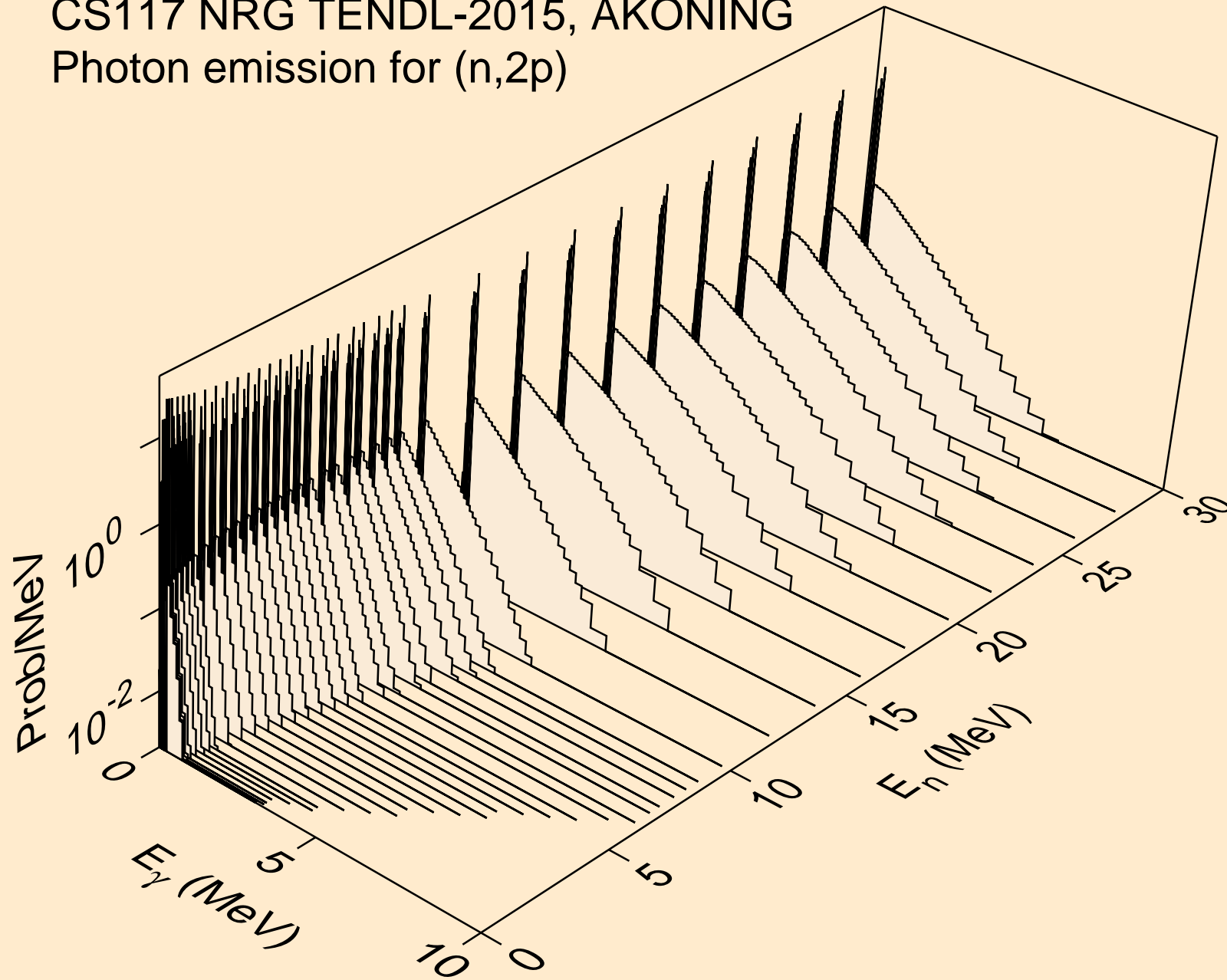
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



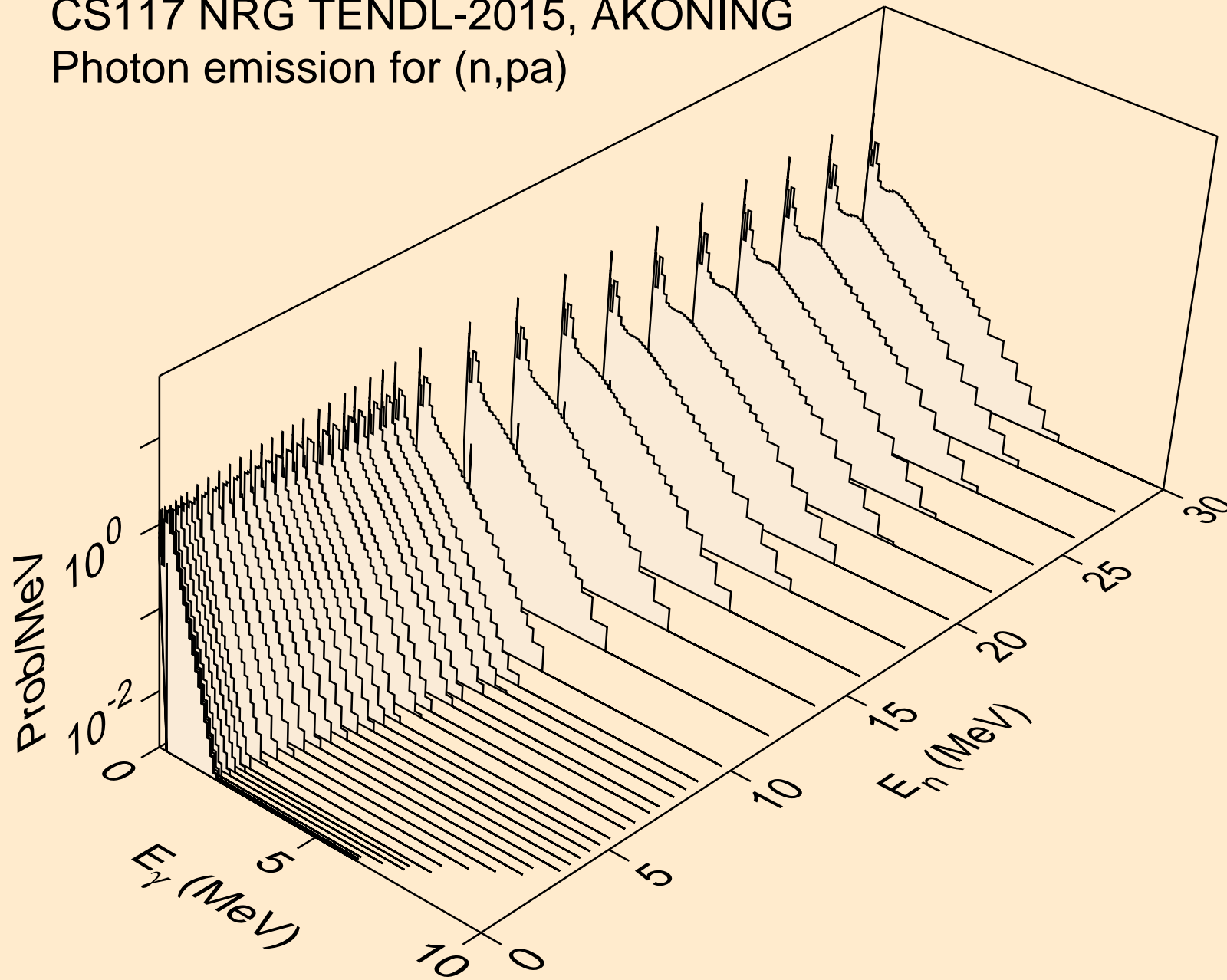
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

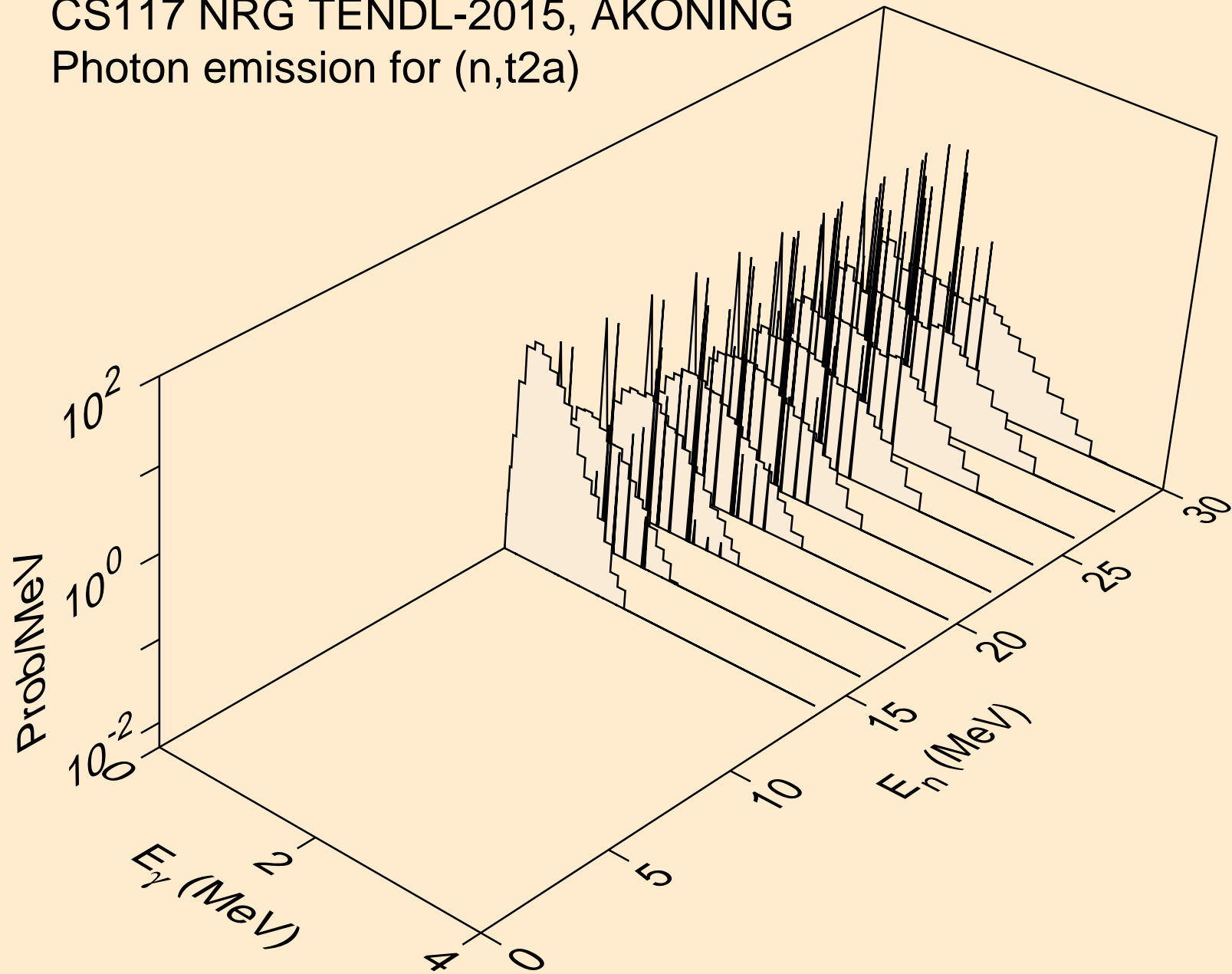


CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,p $\alpha$ )

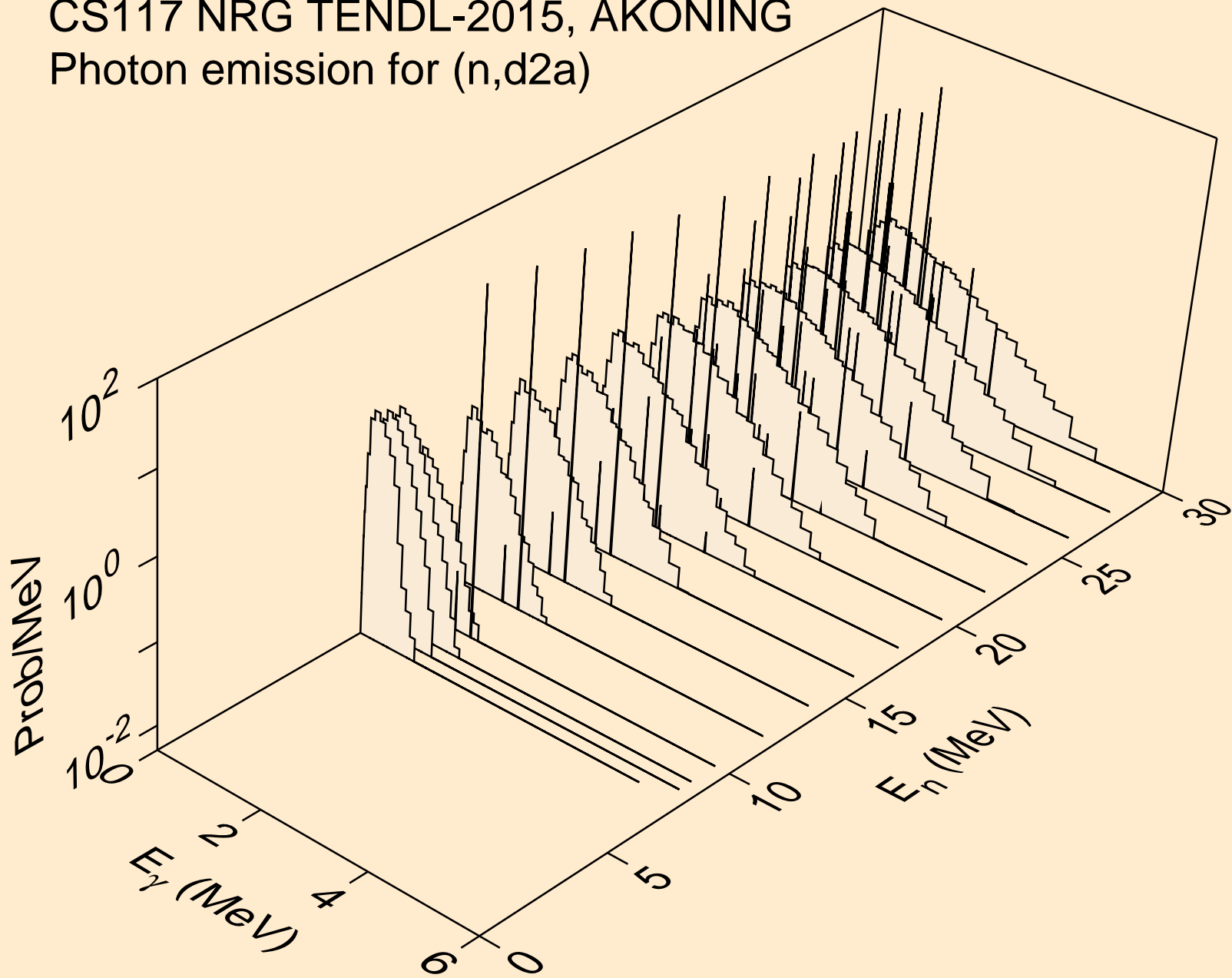




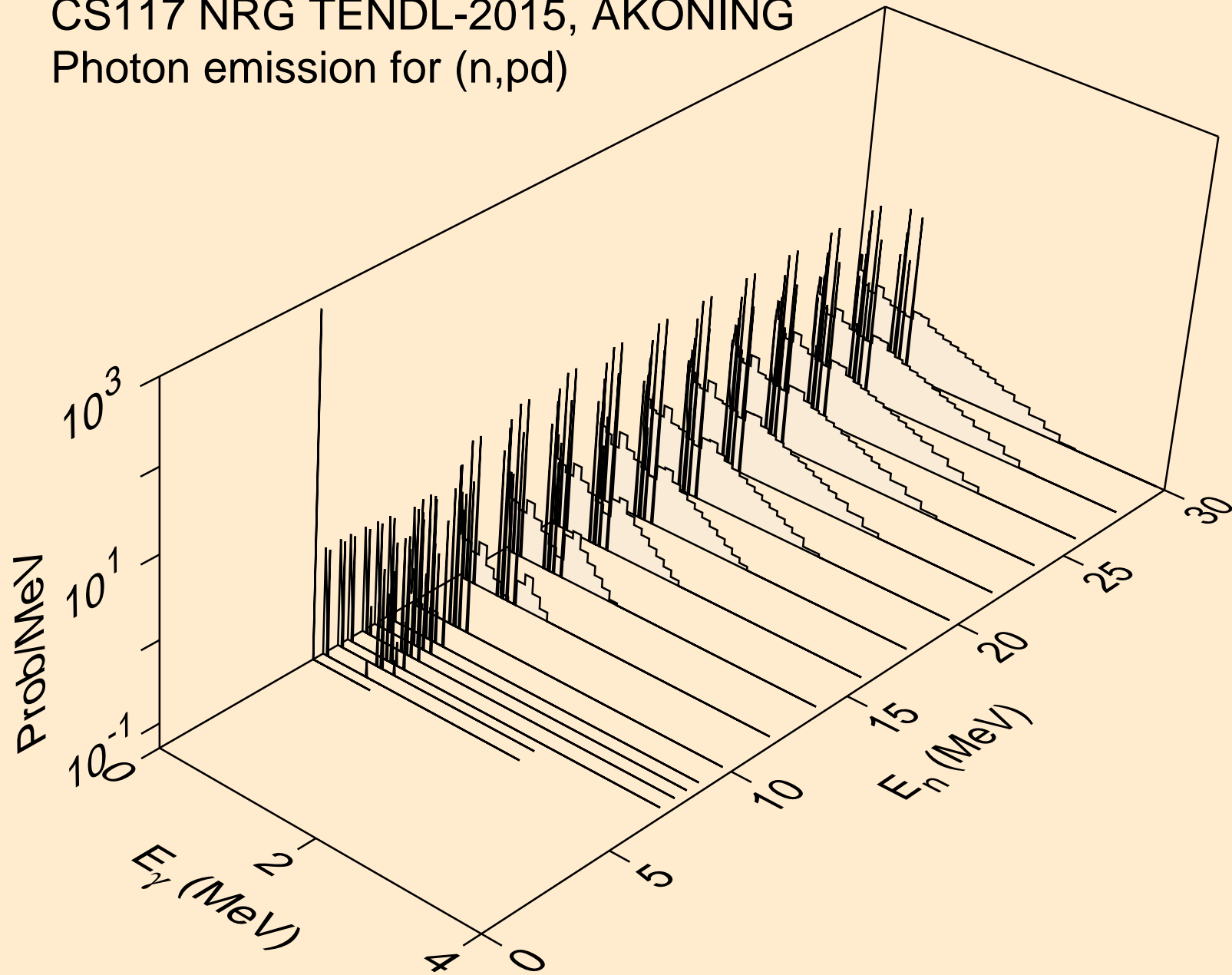
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,t2a)



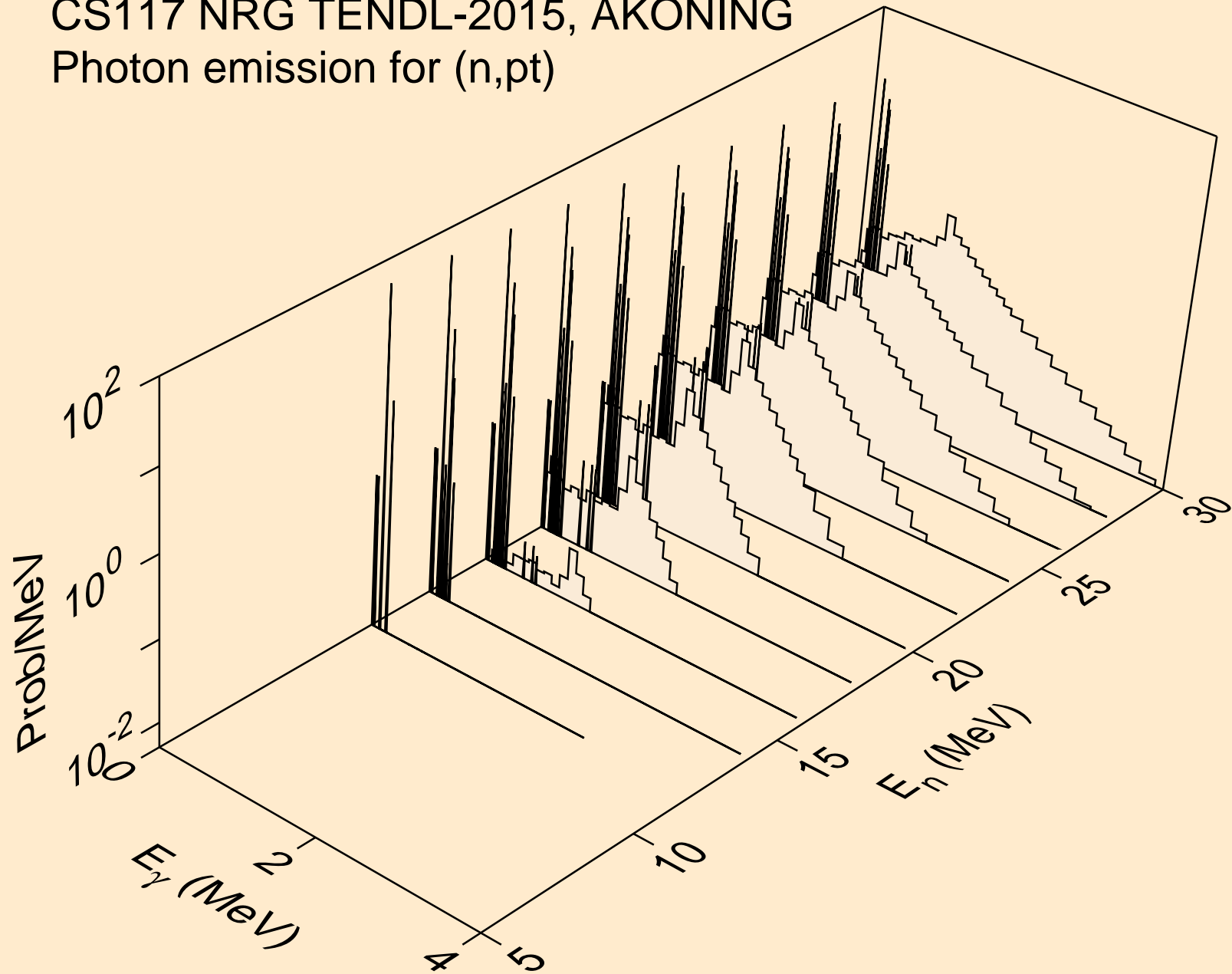
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,d2a)



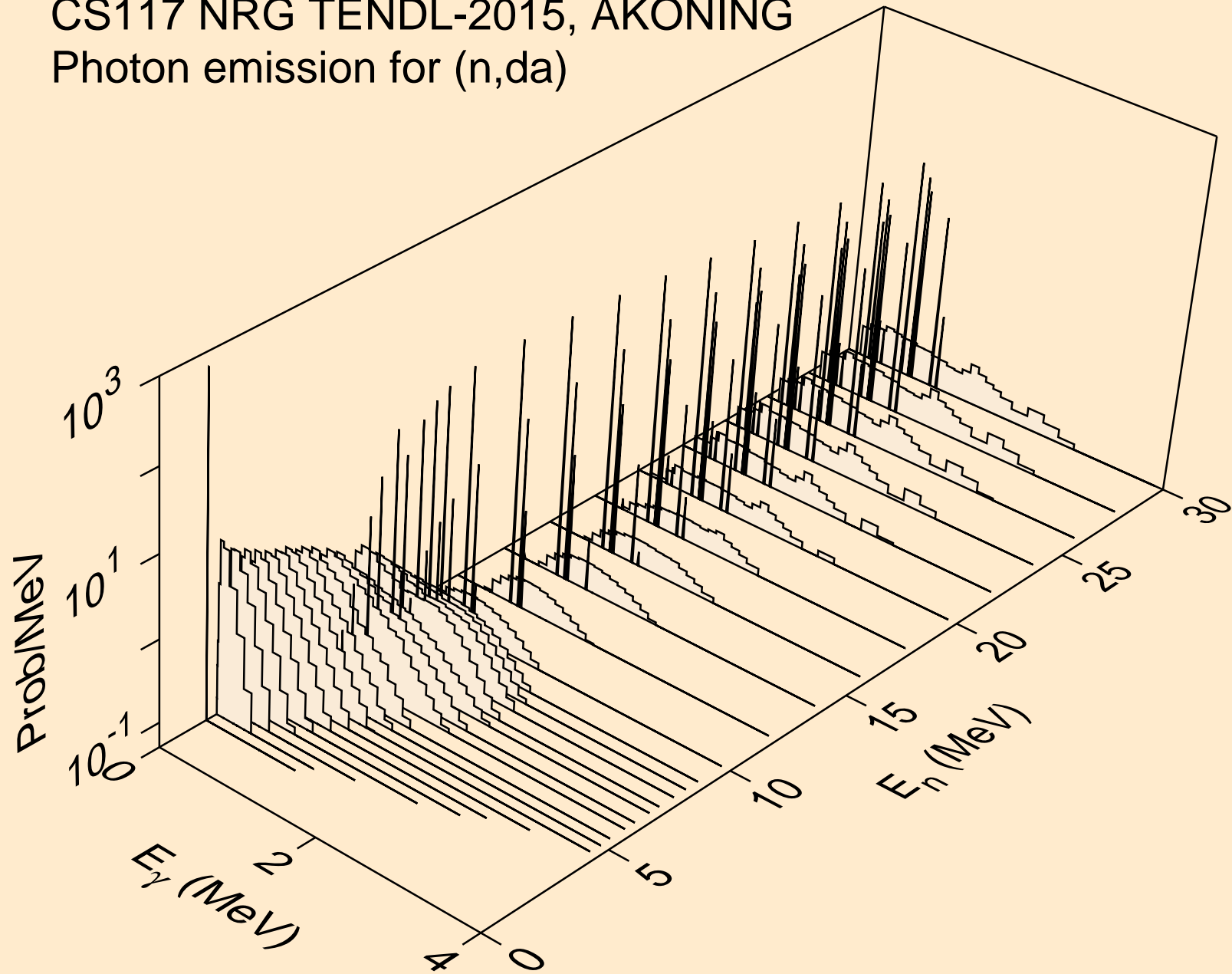
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



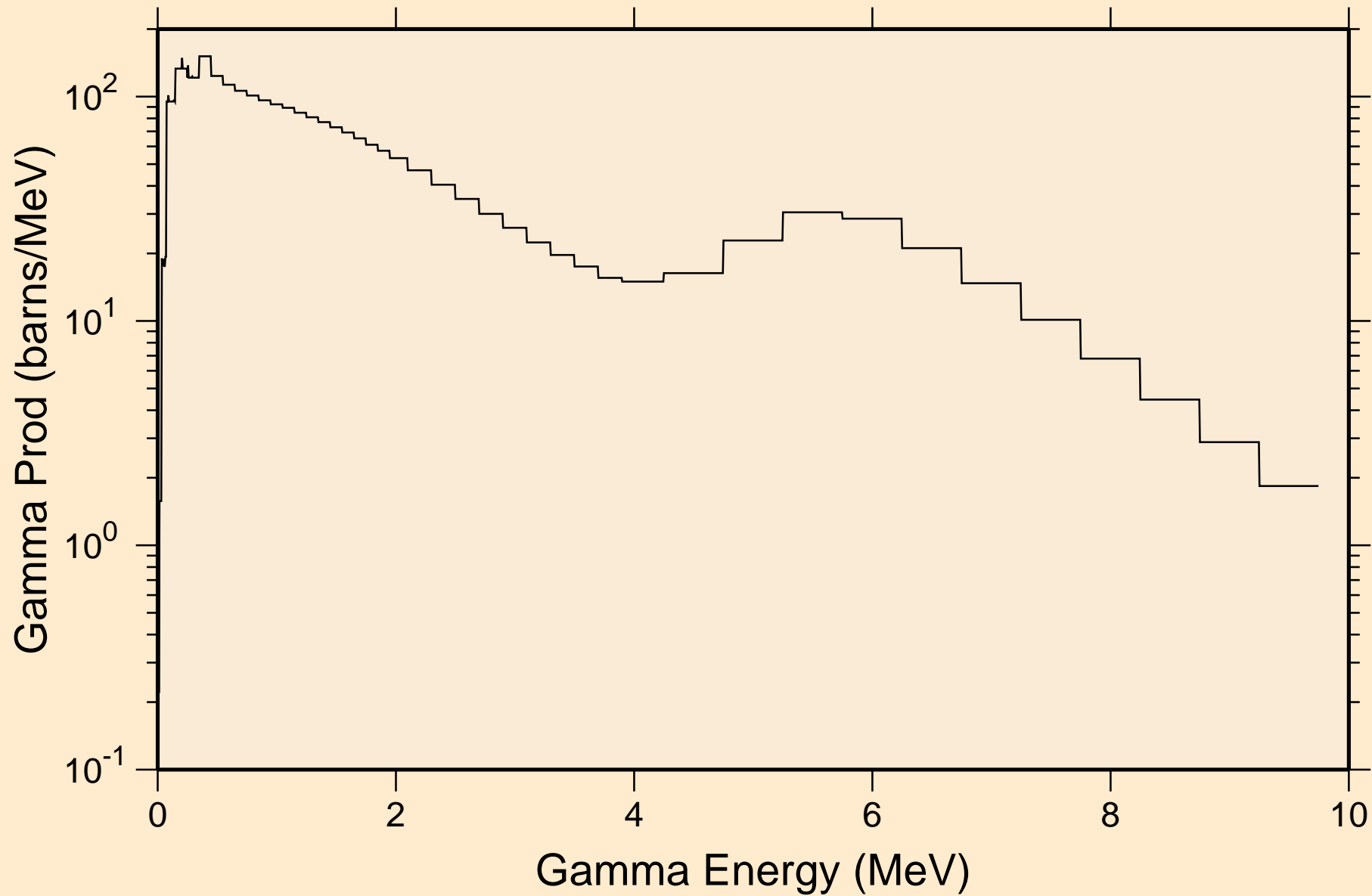
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



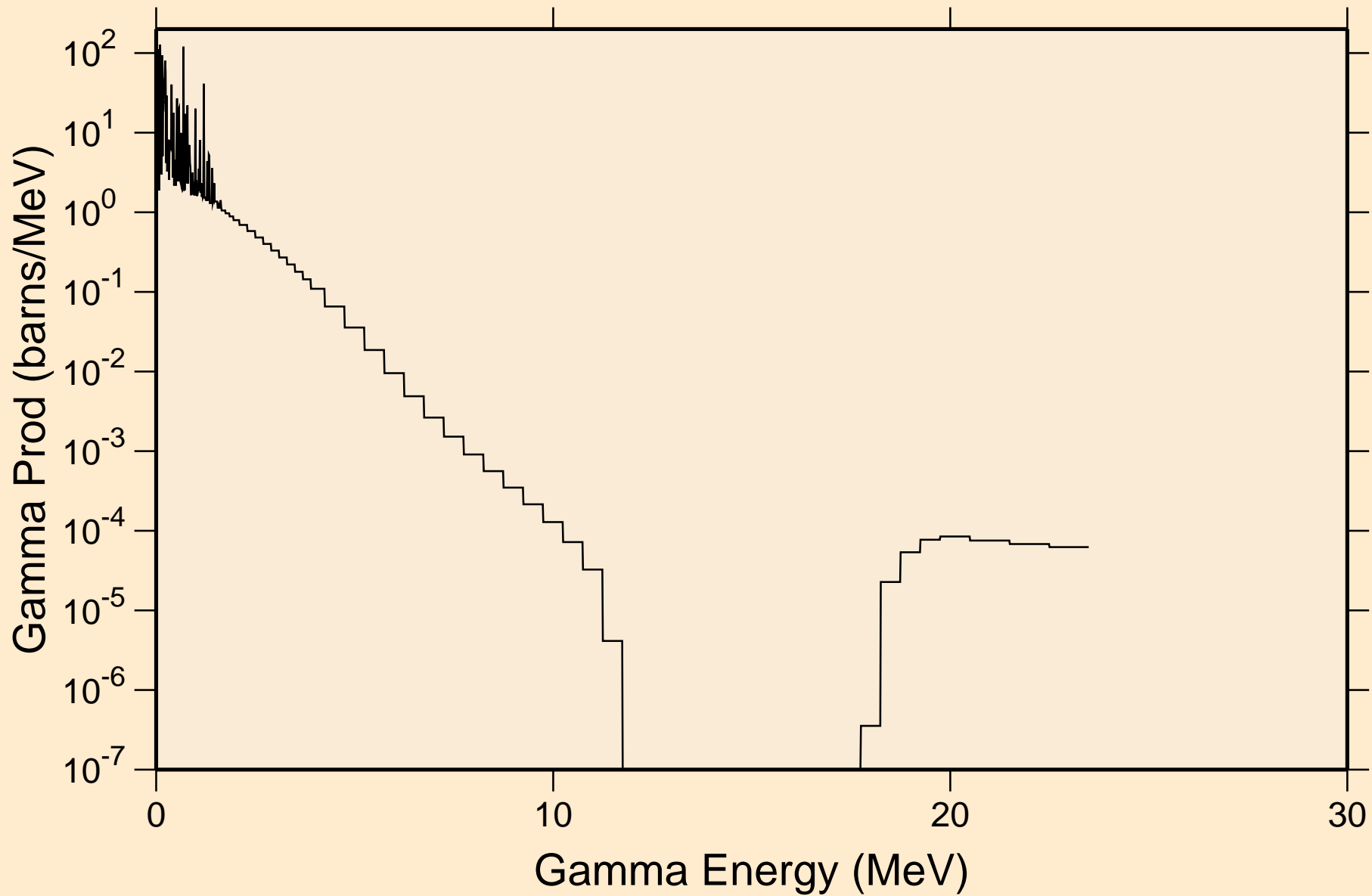
CS117 NRG TENDL-2015, AKONING  
Photon emission for (n,da)



CS117 NRG TENDL-2015, AKONING  
thermal capture photon spectrum

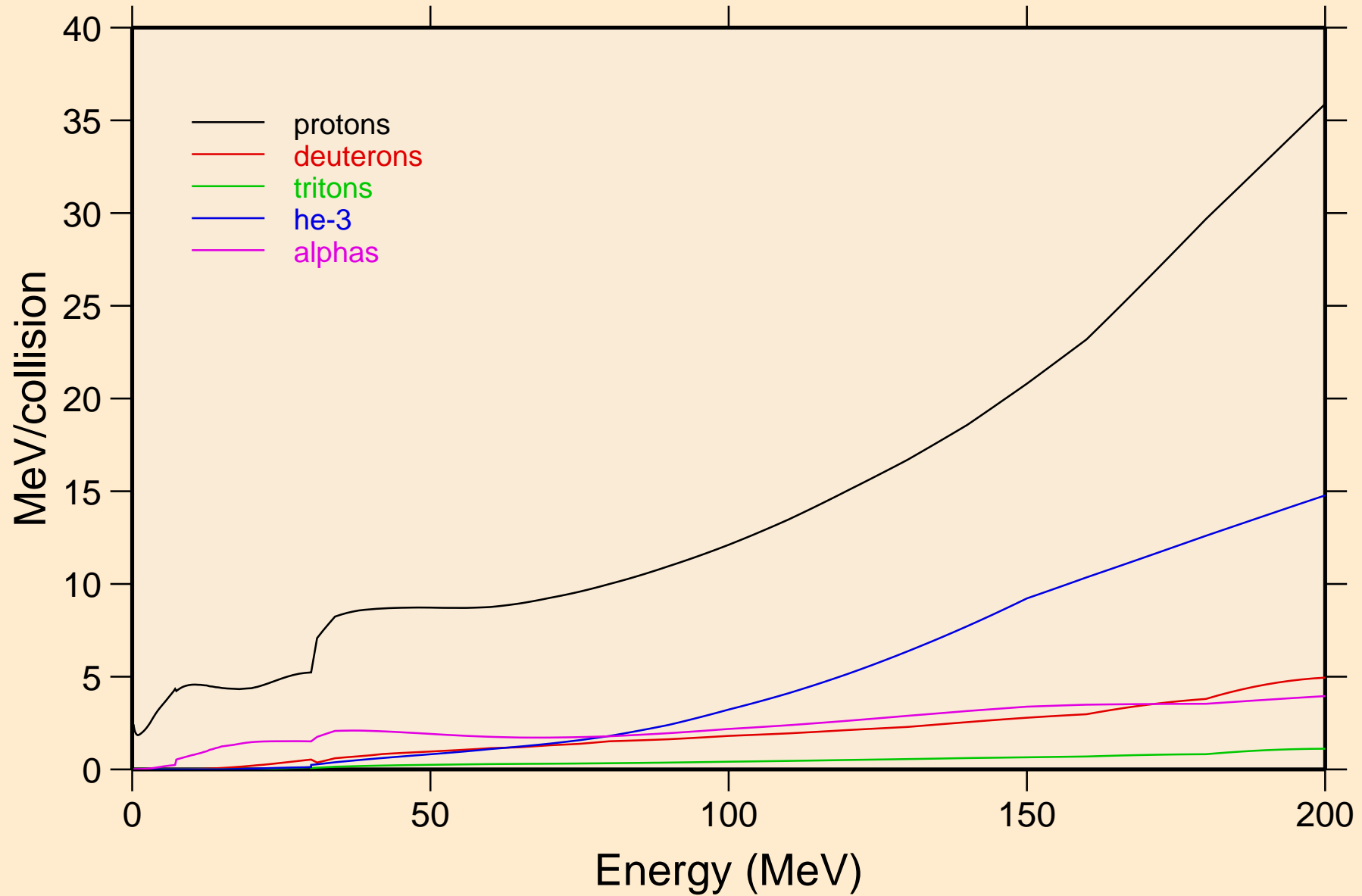


CS117 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# CS117 NRG TENDL-2015, AKONING

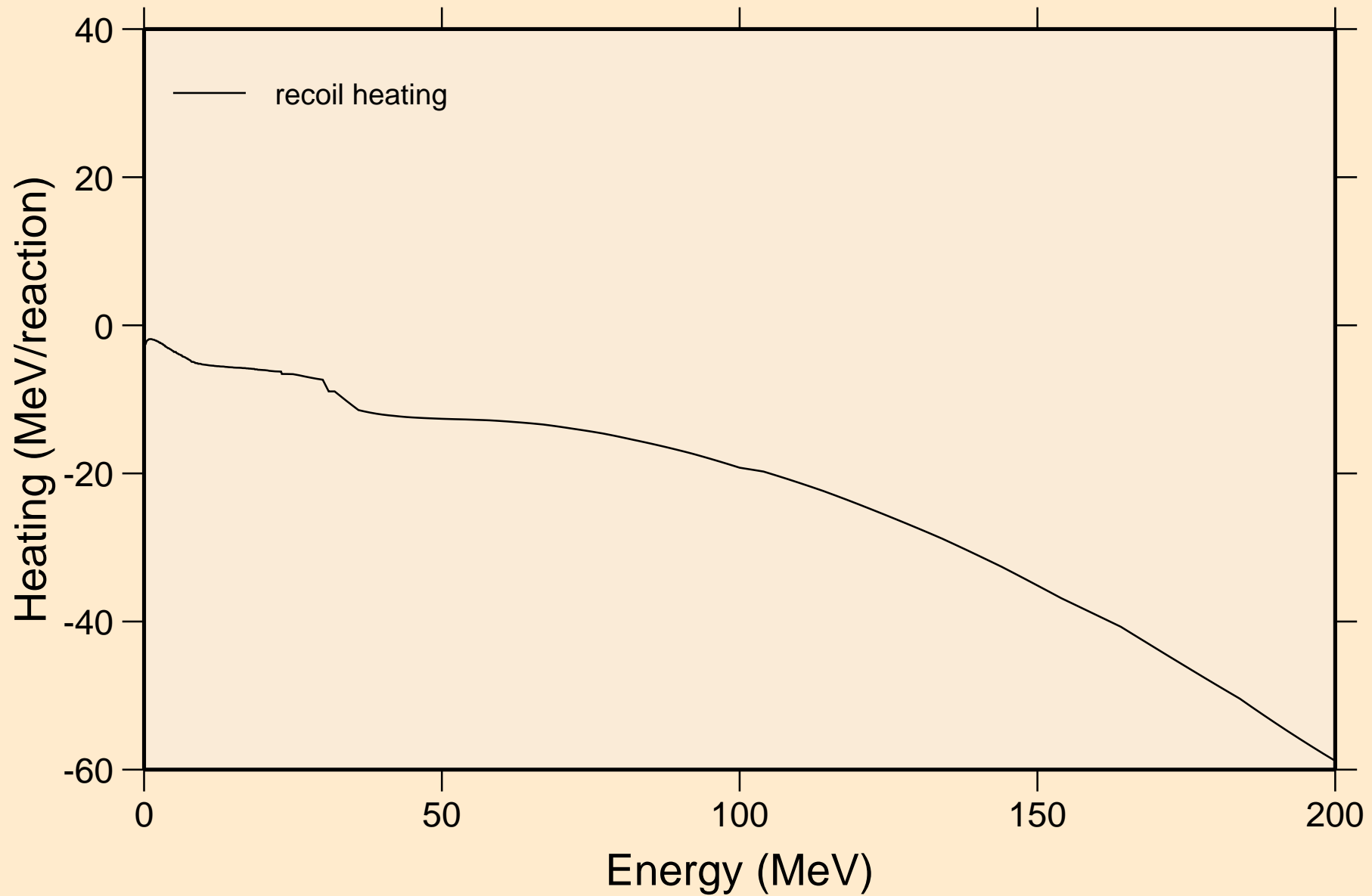
## Particle heating contributions





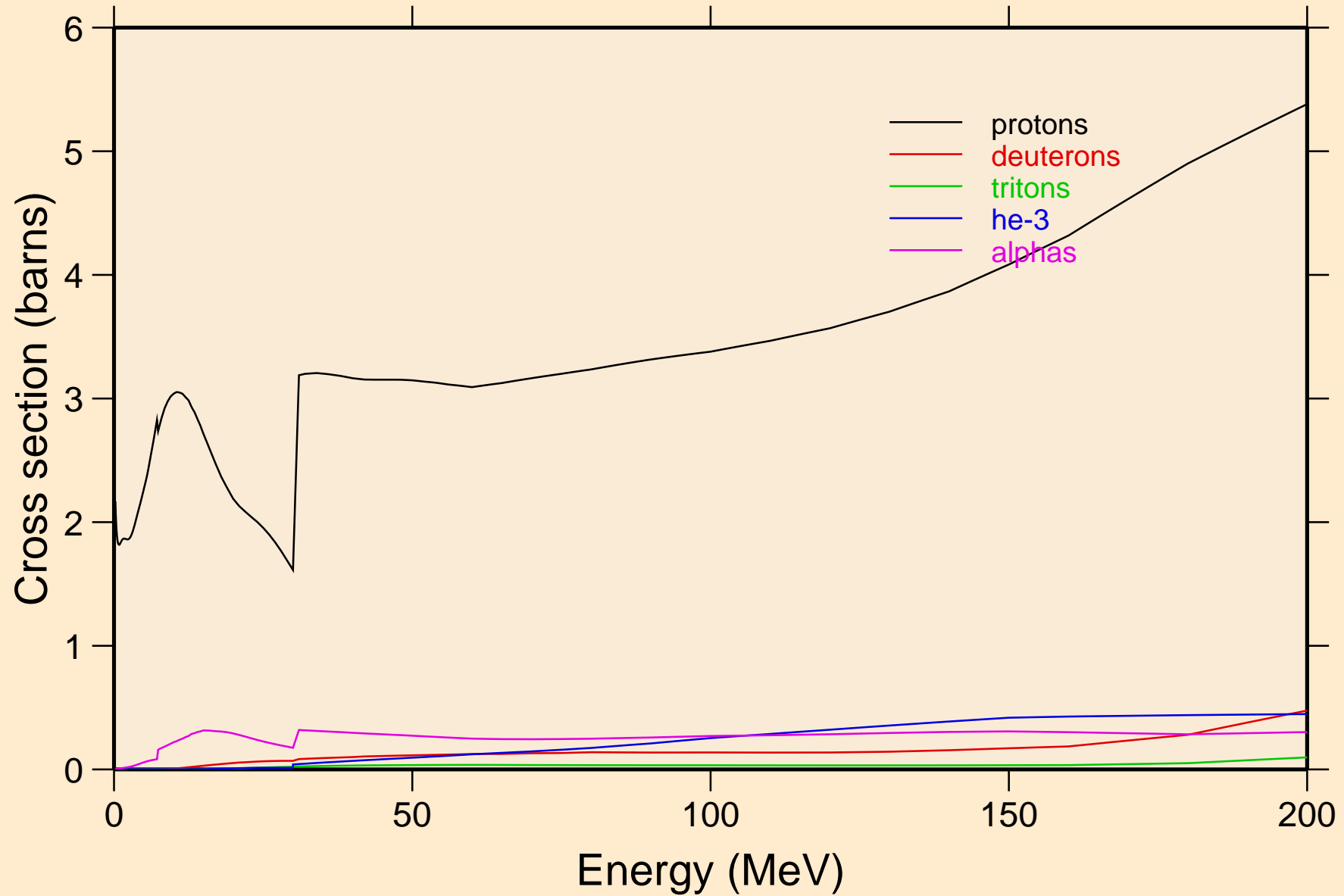
# CS117 NRG TENDL-2015, AKONING

## Recoil Heating

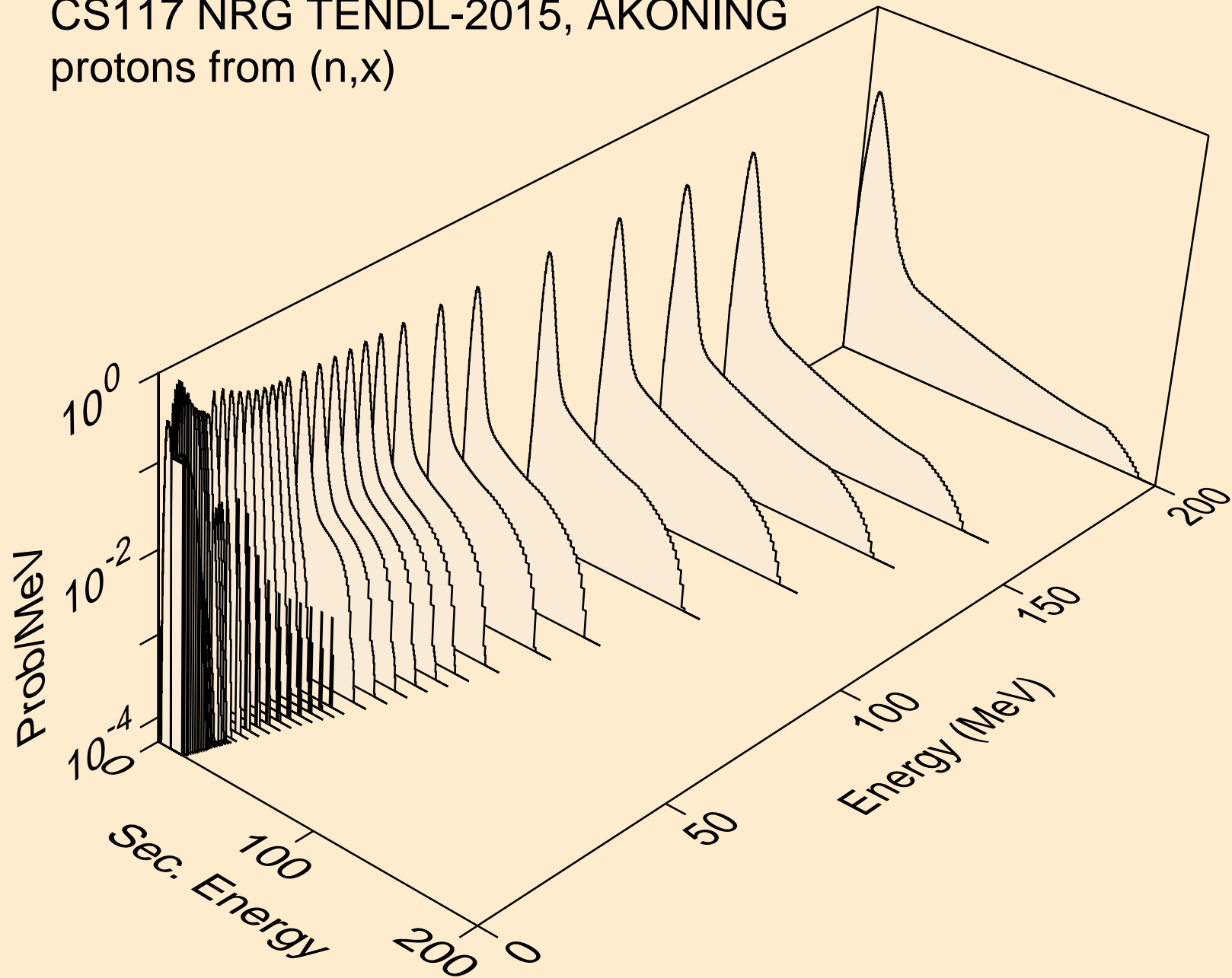


# CS117 NRG TENDL-2015, AKONING

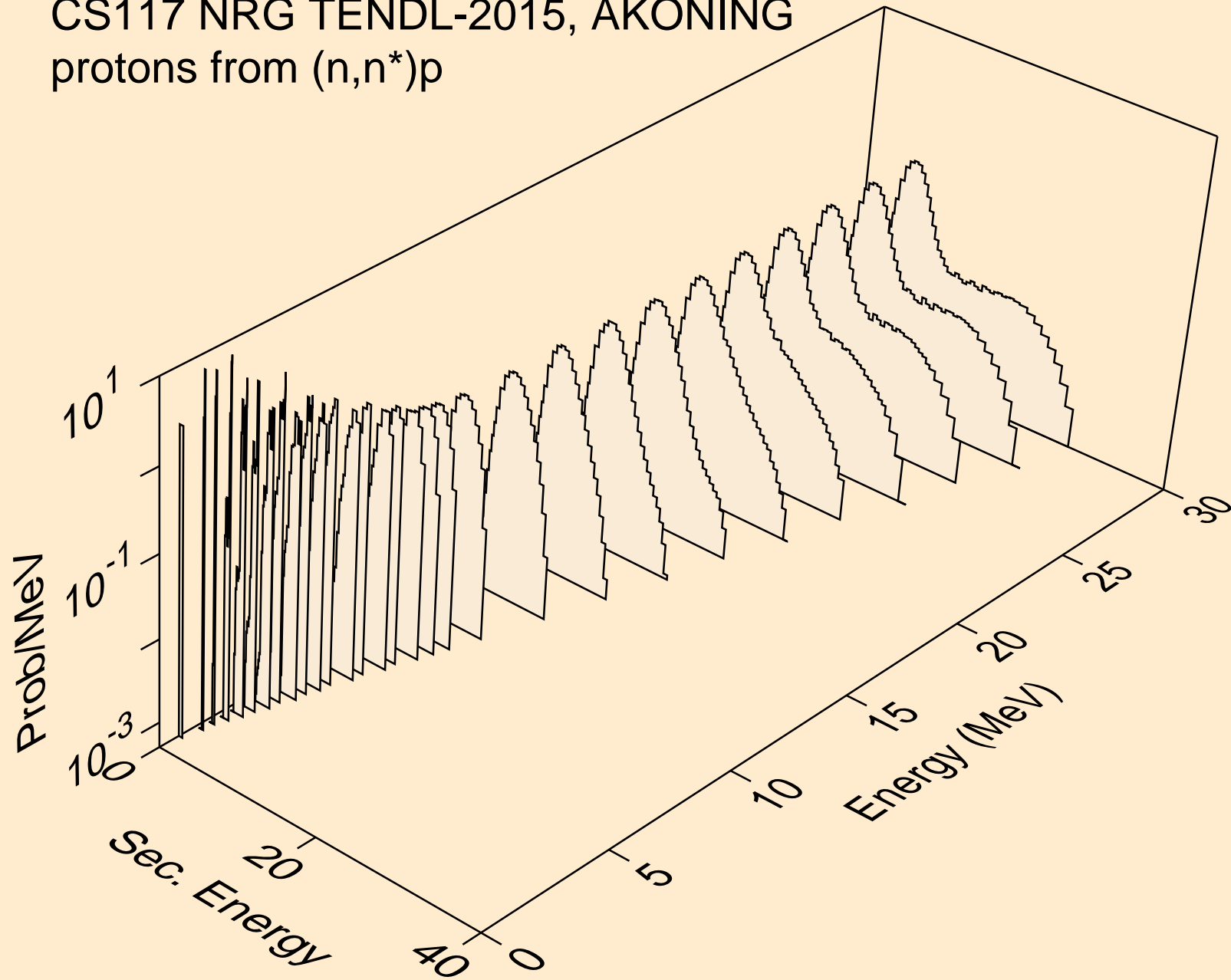
## Particle production cross sections



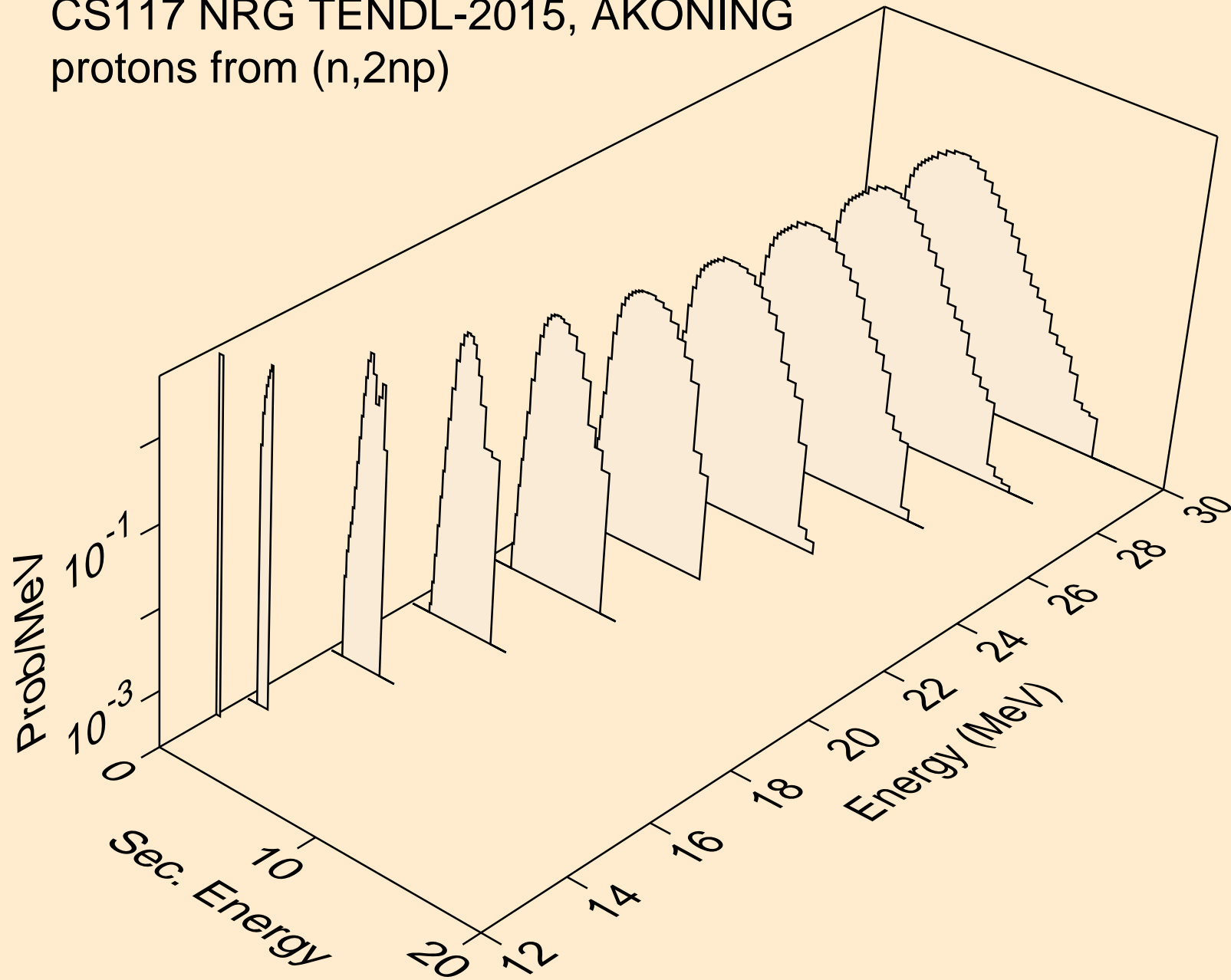
CS117 NRG TENDL-2015, AKONING  
protons from (n,x)



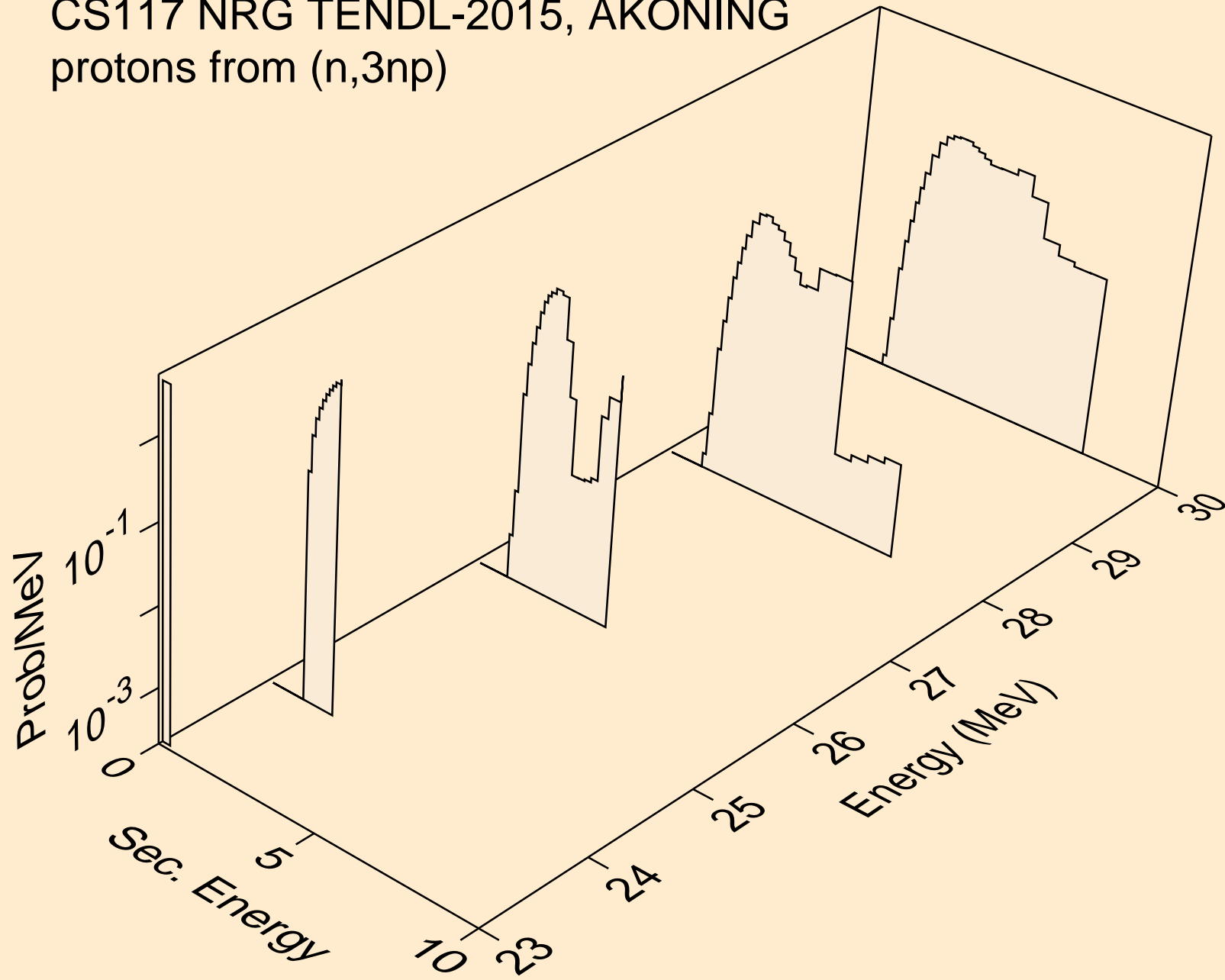
CS117 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



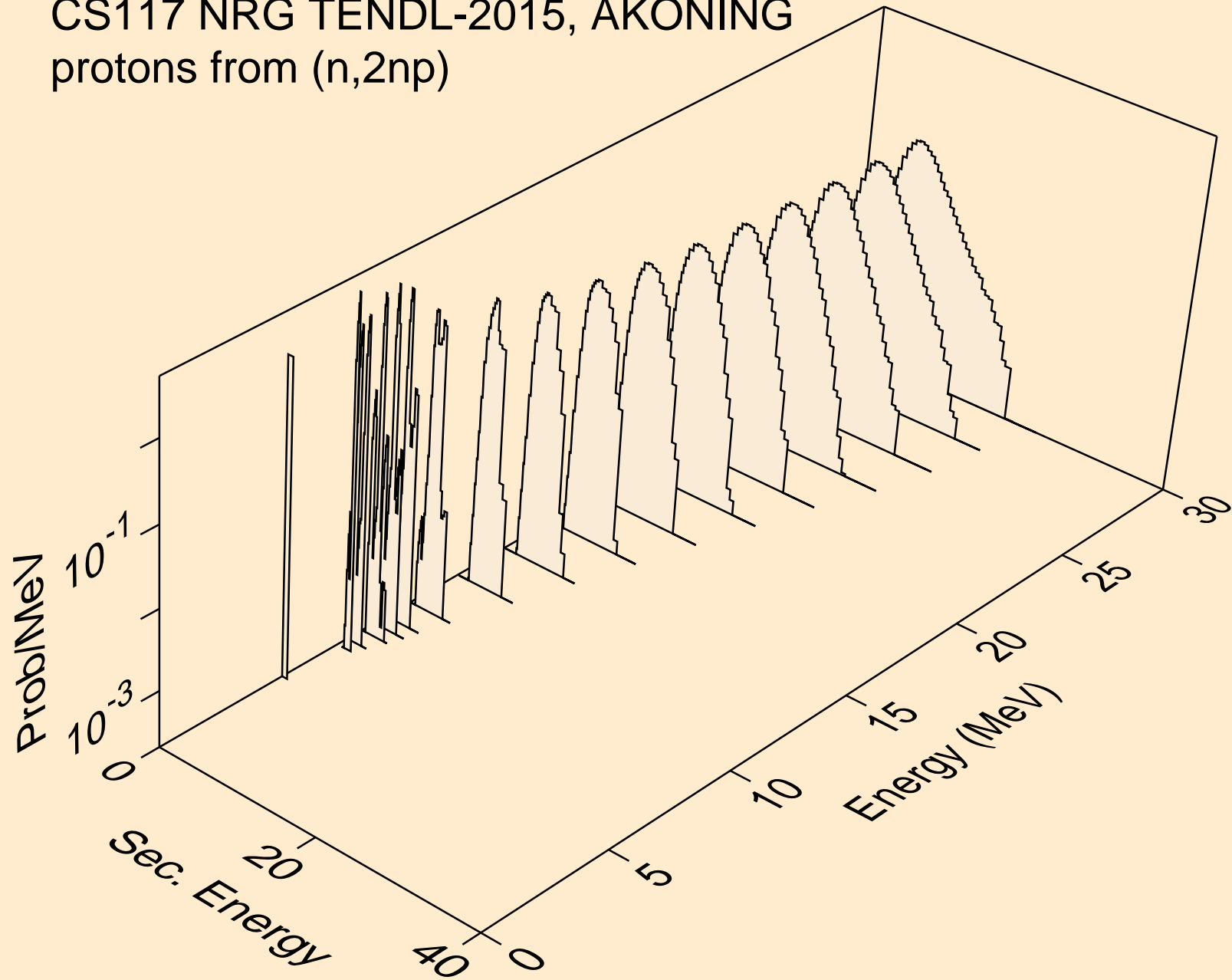
CS117 NRG TENDL-2015, AKONING  
protons from (n,2np)



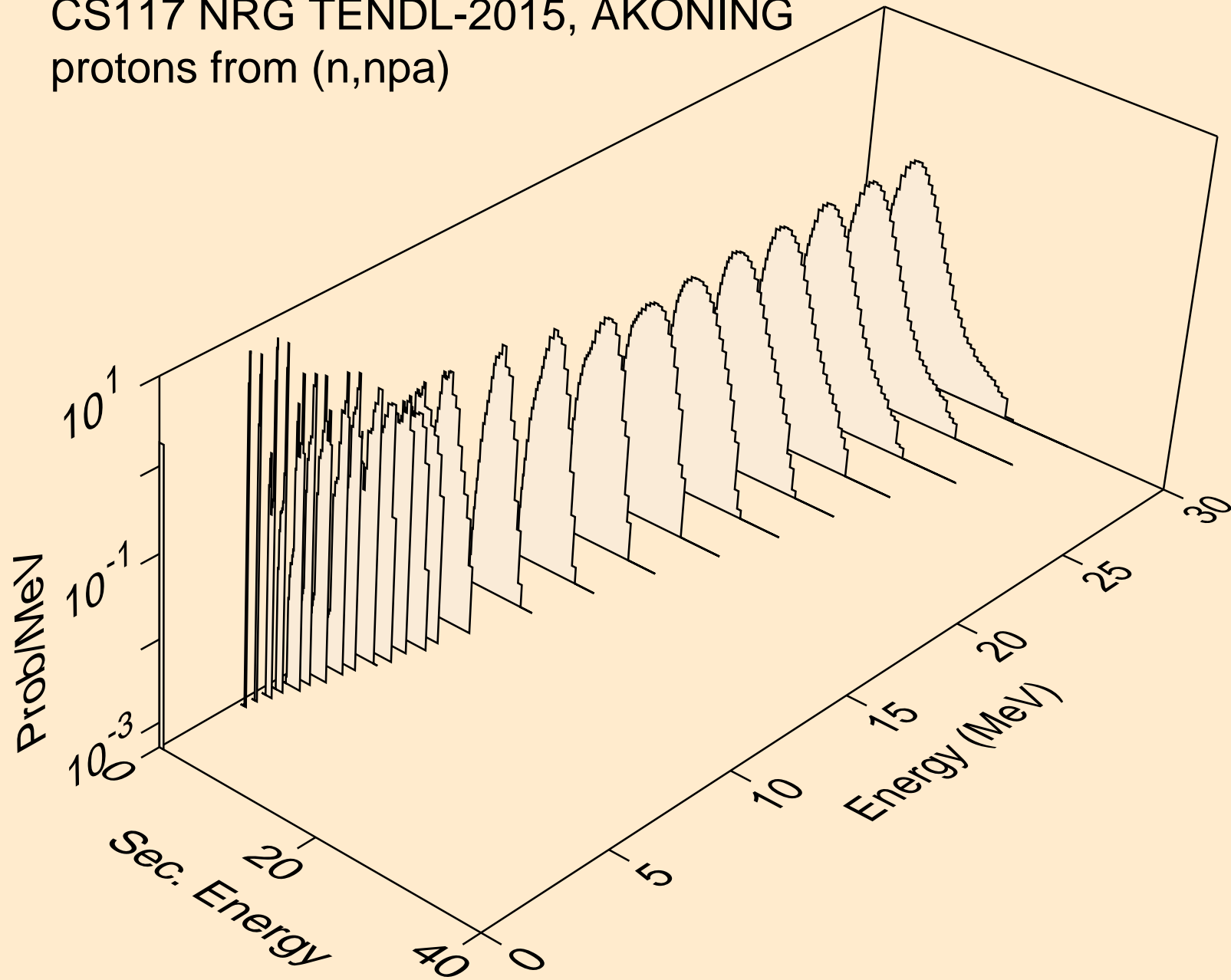
CS117 NRG TENDL-2015, AKONING  
protons from (n,3np)



CS117 NRG TENDL-2015, AKONING  
protons from (n,2np)

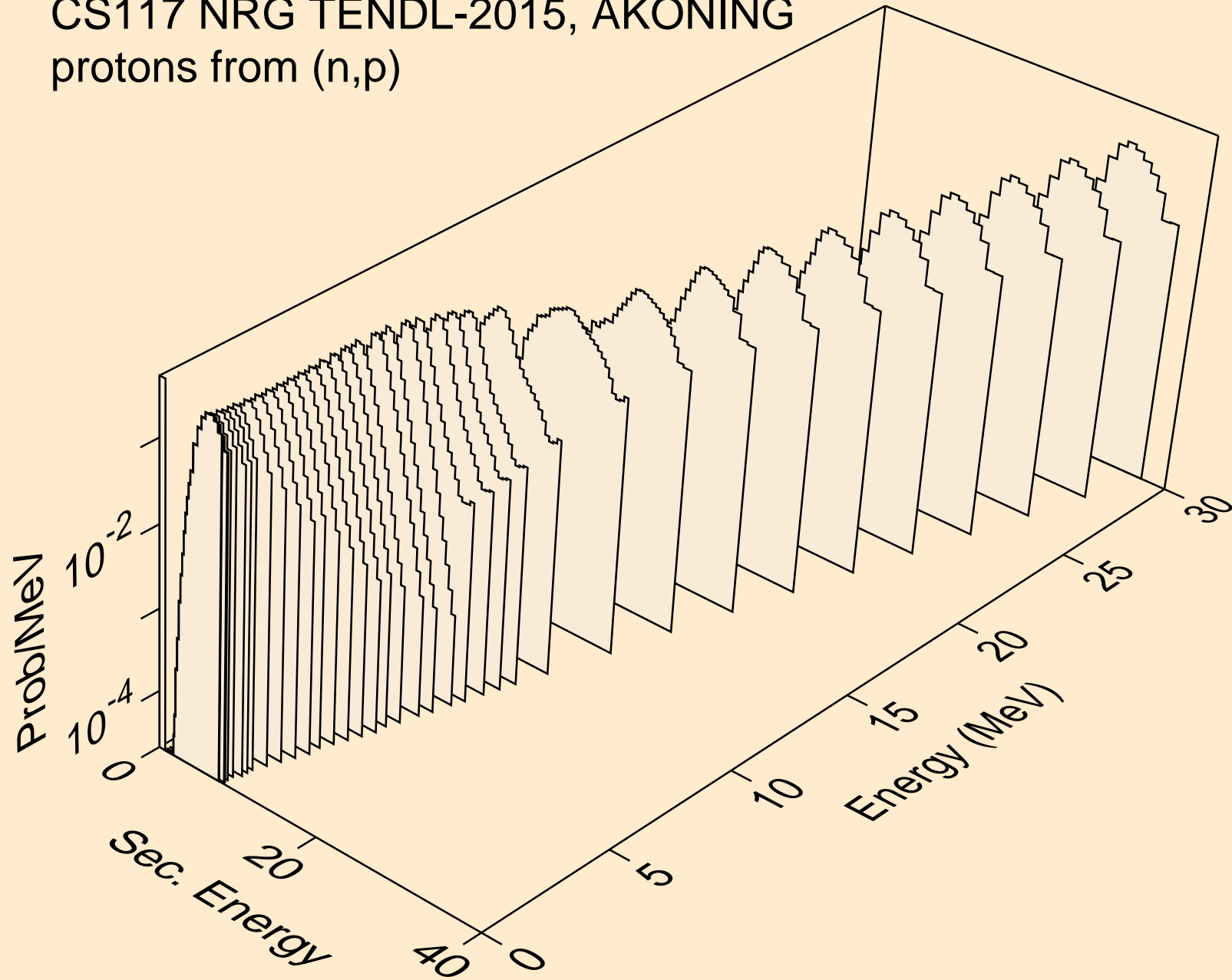


CS117 NRG TENDL-2015, AKONING  
protons from (n,npa)

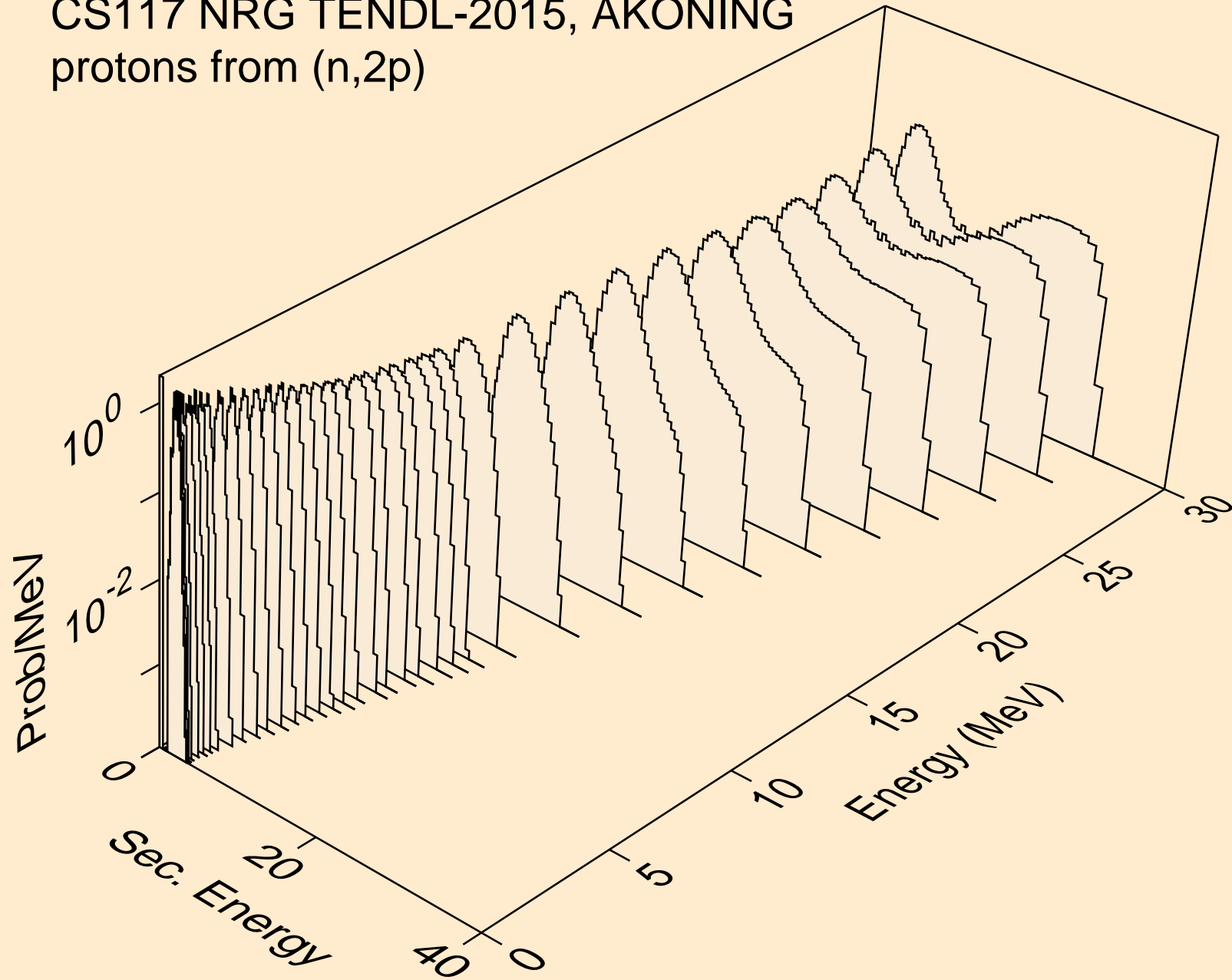




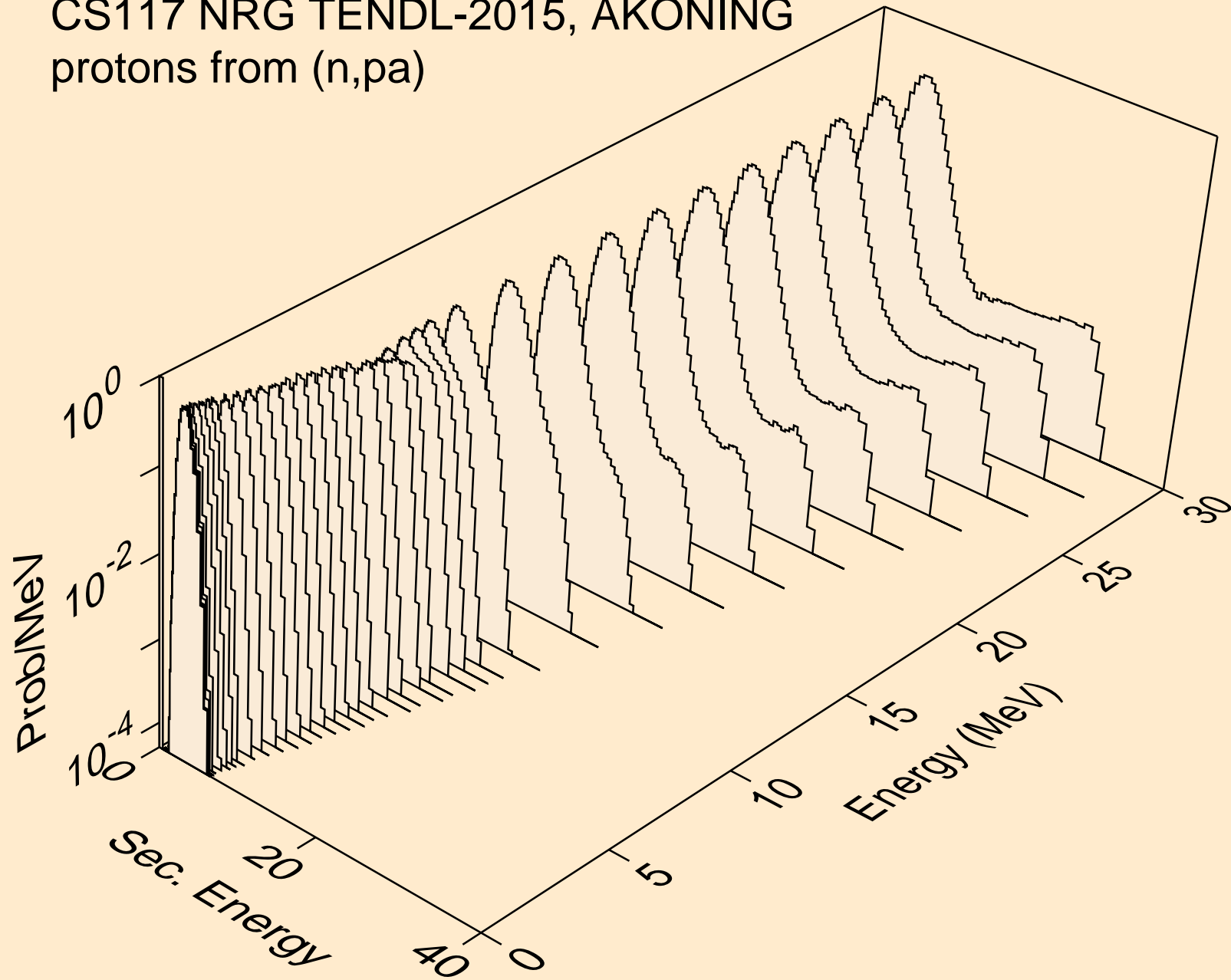
CS117 NRG TENDL-2015, AKONING  
protons from (n,p)



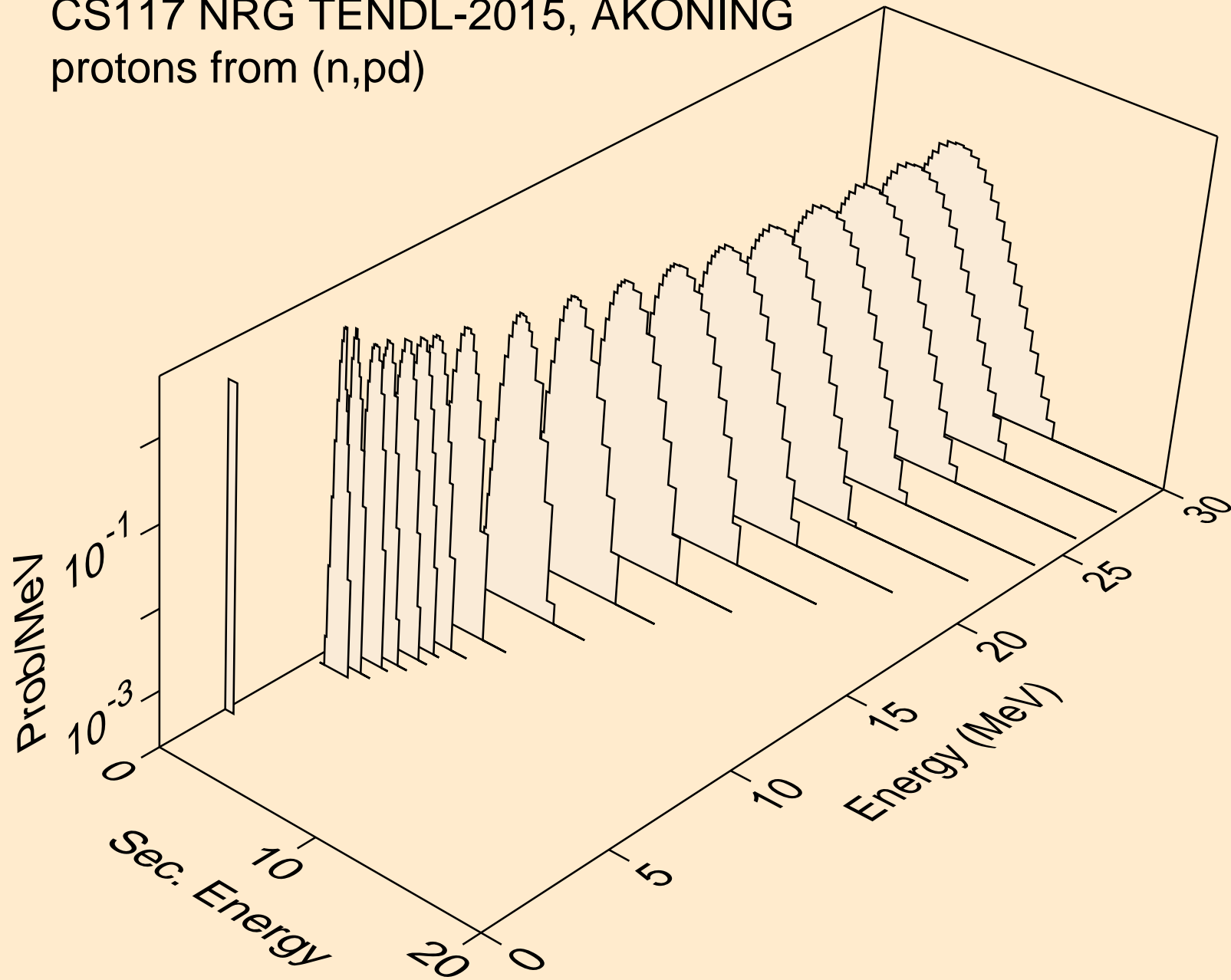
CS117 NRG TENDL-2015, AKONING  
protons from (n,2p)



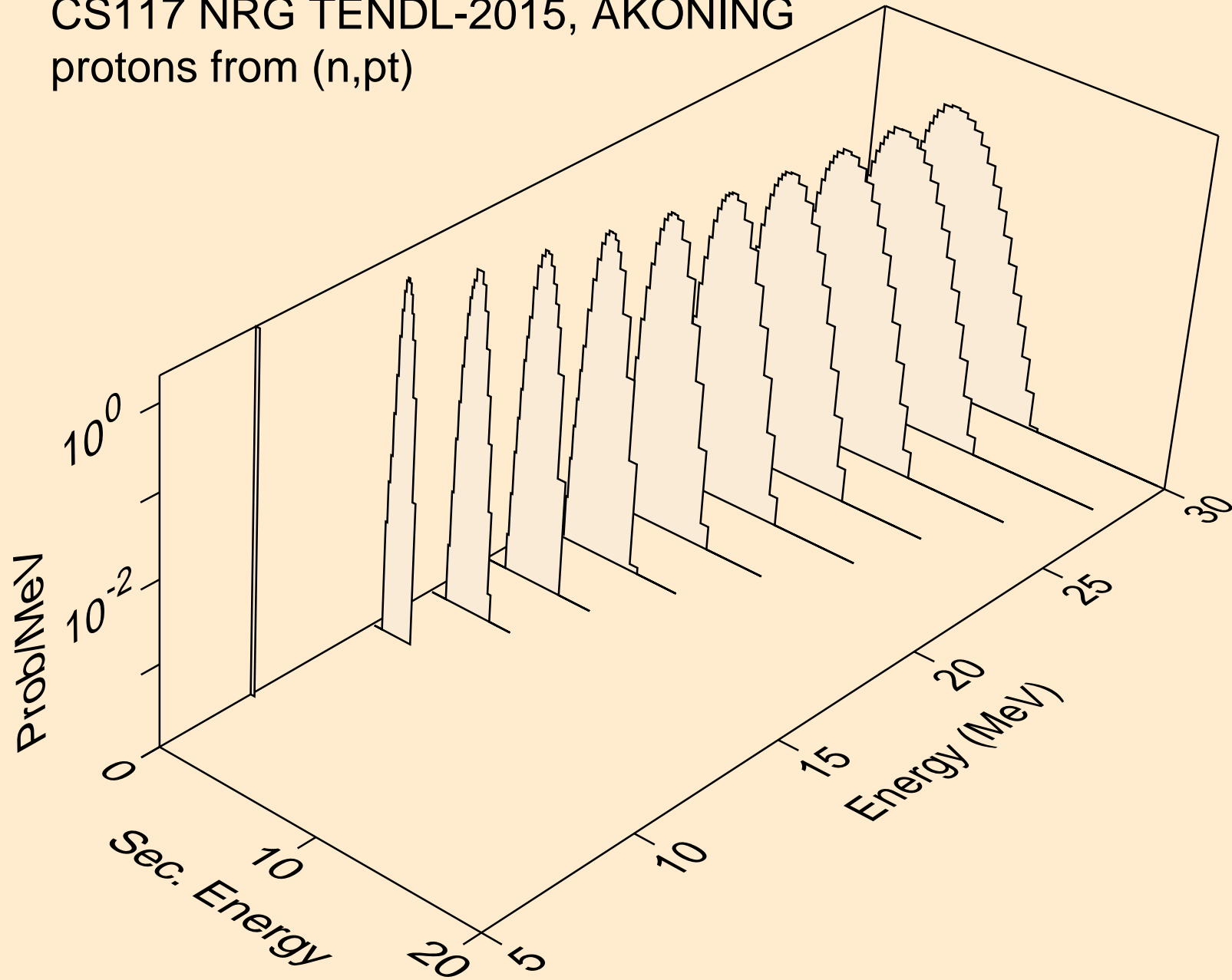
CS117 NRG TENDL-2015, AKONING  
protons from (n,pa)



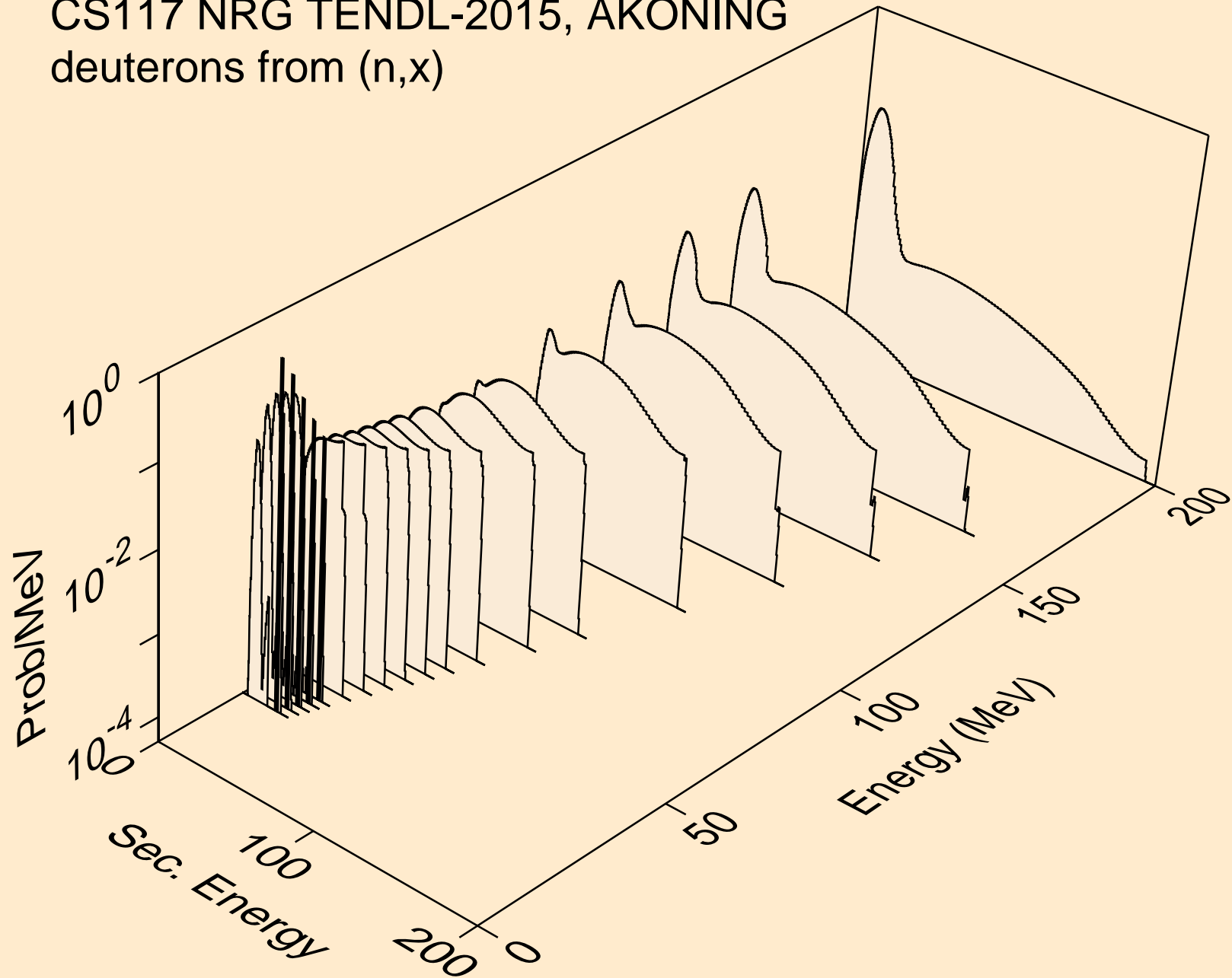
CS117 NRG TENDL-2015, AKONING  
protons from (n,pd)



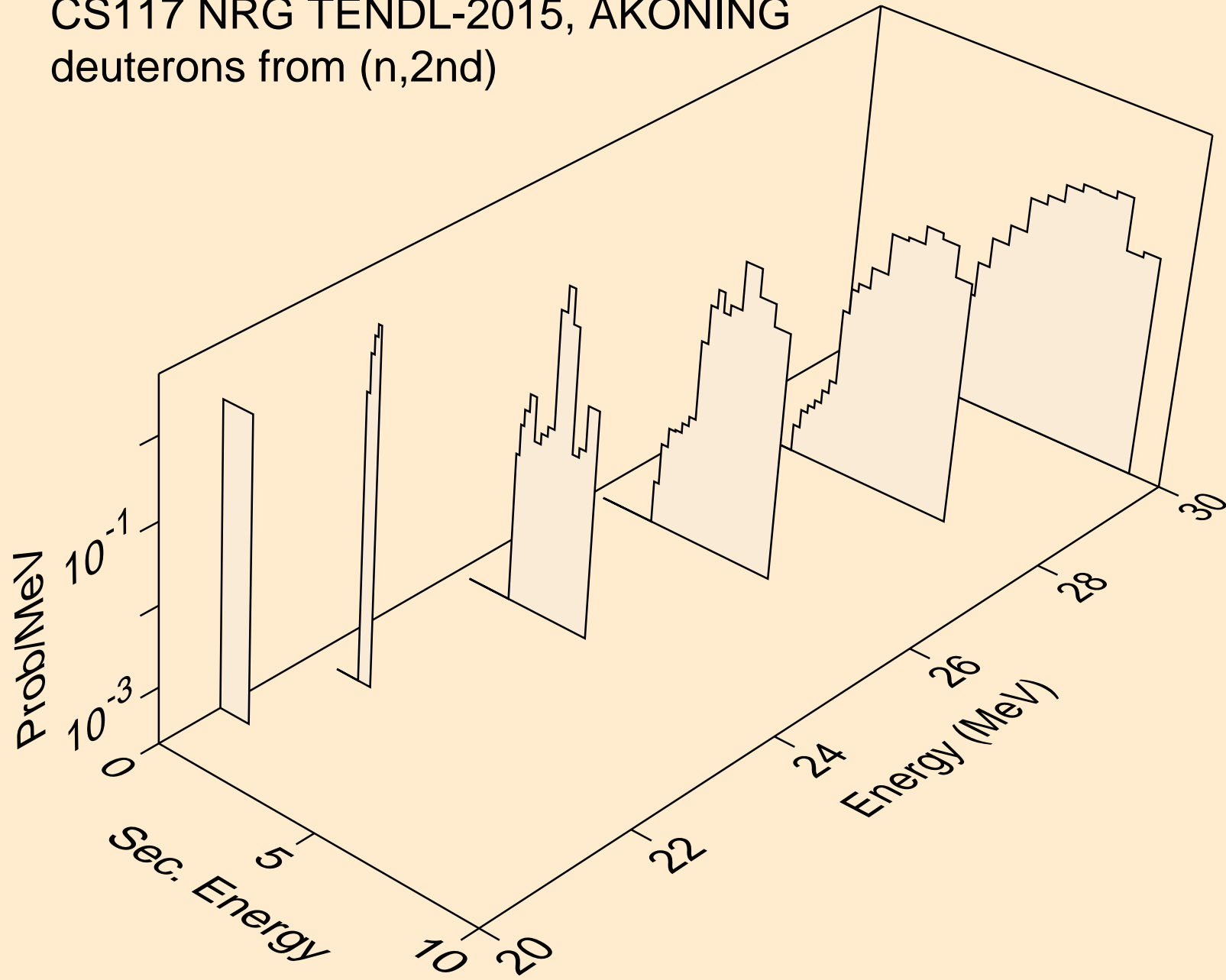
CS117 NRG TENDL-2015, AKONING  
protons from (n,pt)



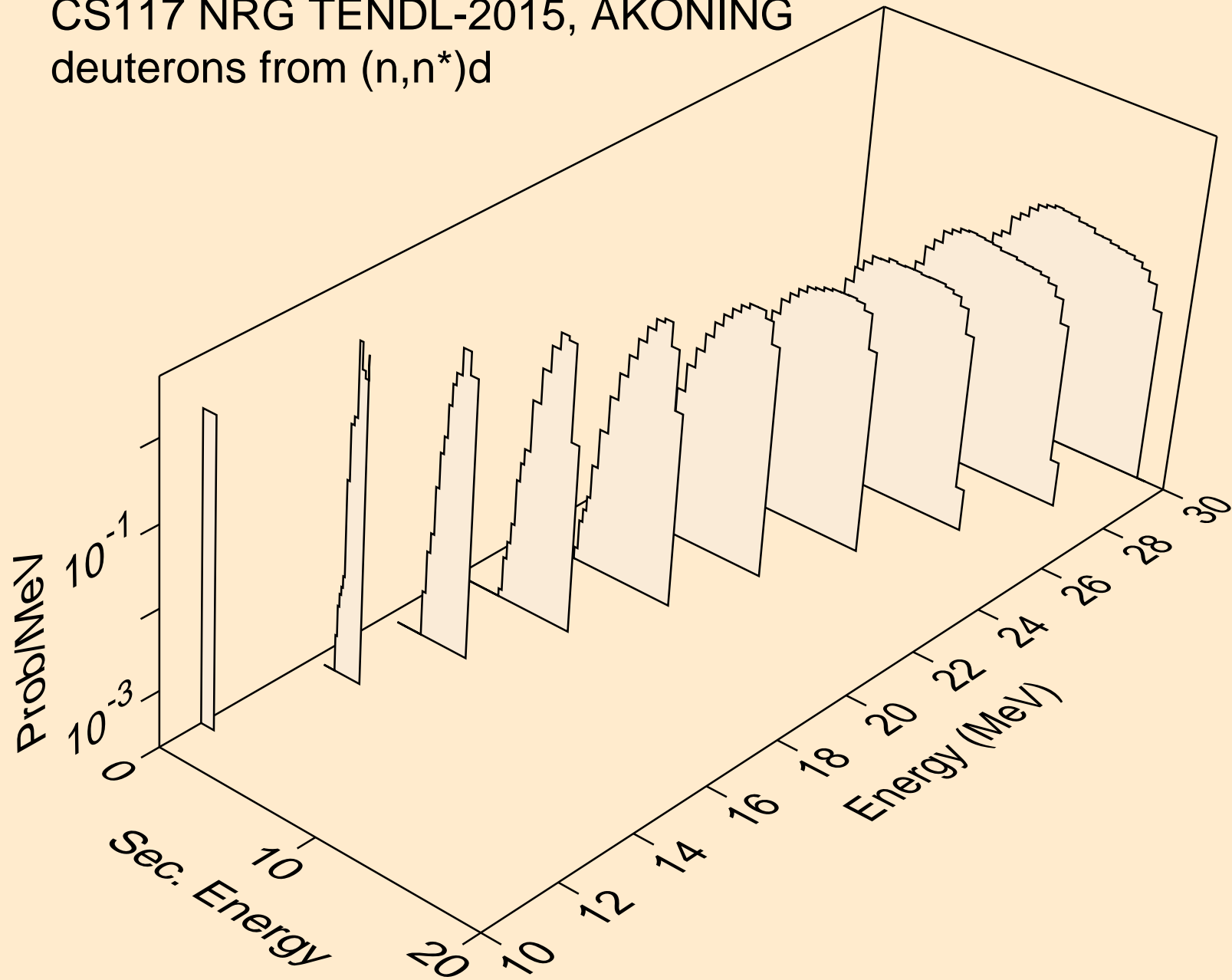
CS117 NRG TENDL-2015, AKONING  
deuterons from (n,x)



CS117 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)

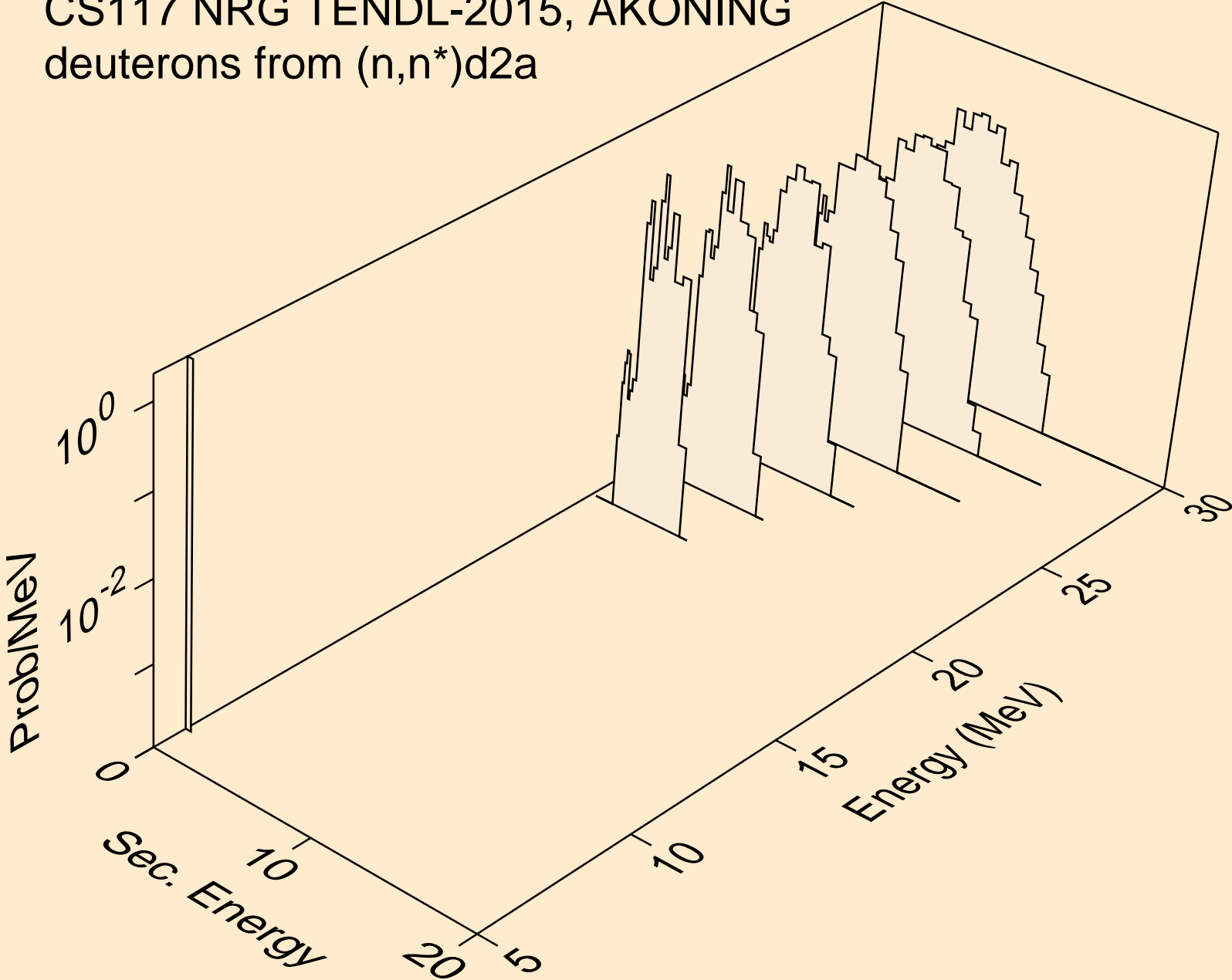


CS117 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d

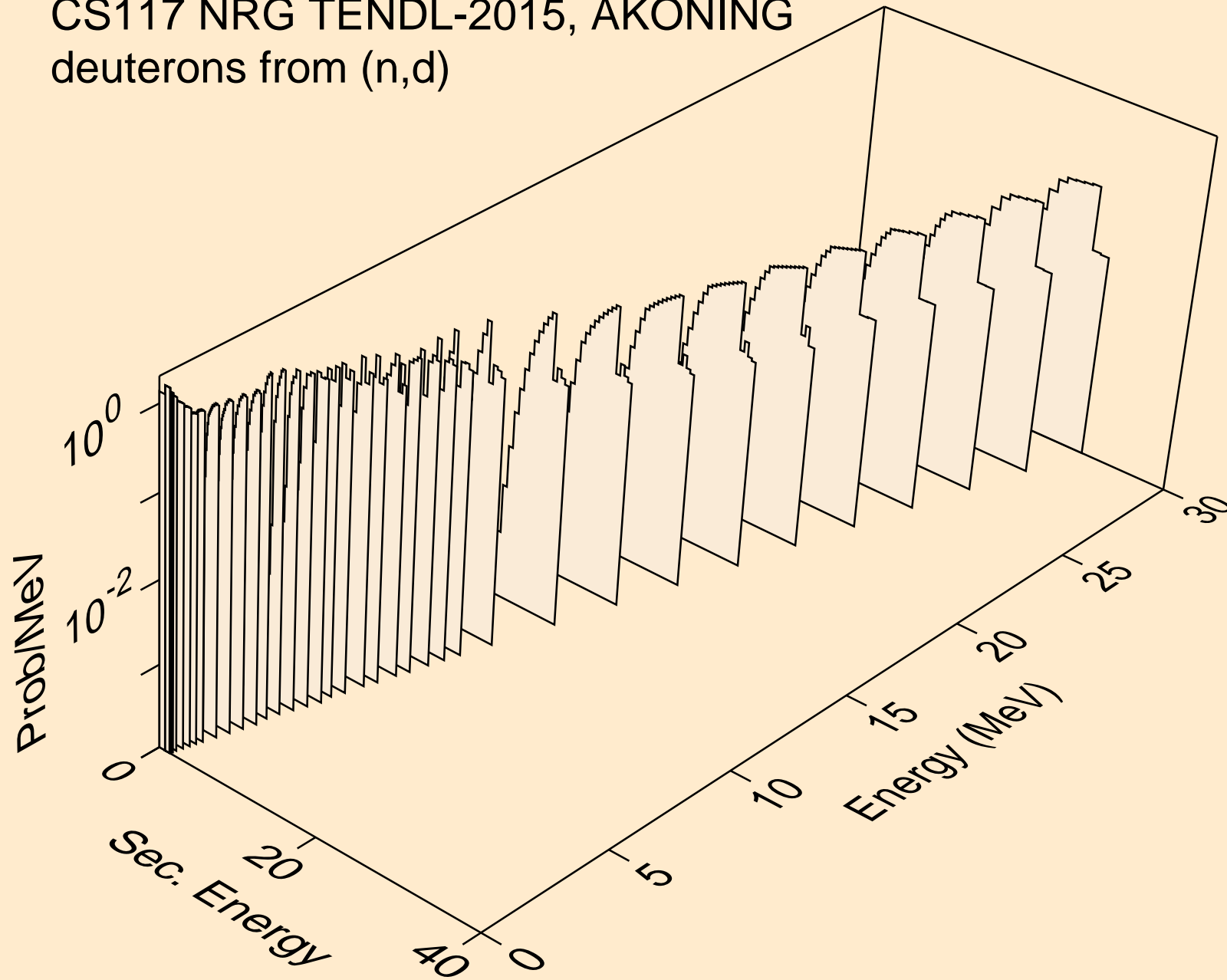




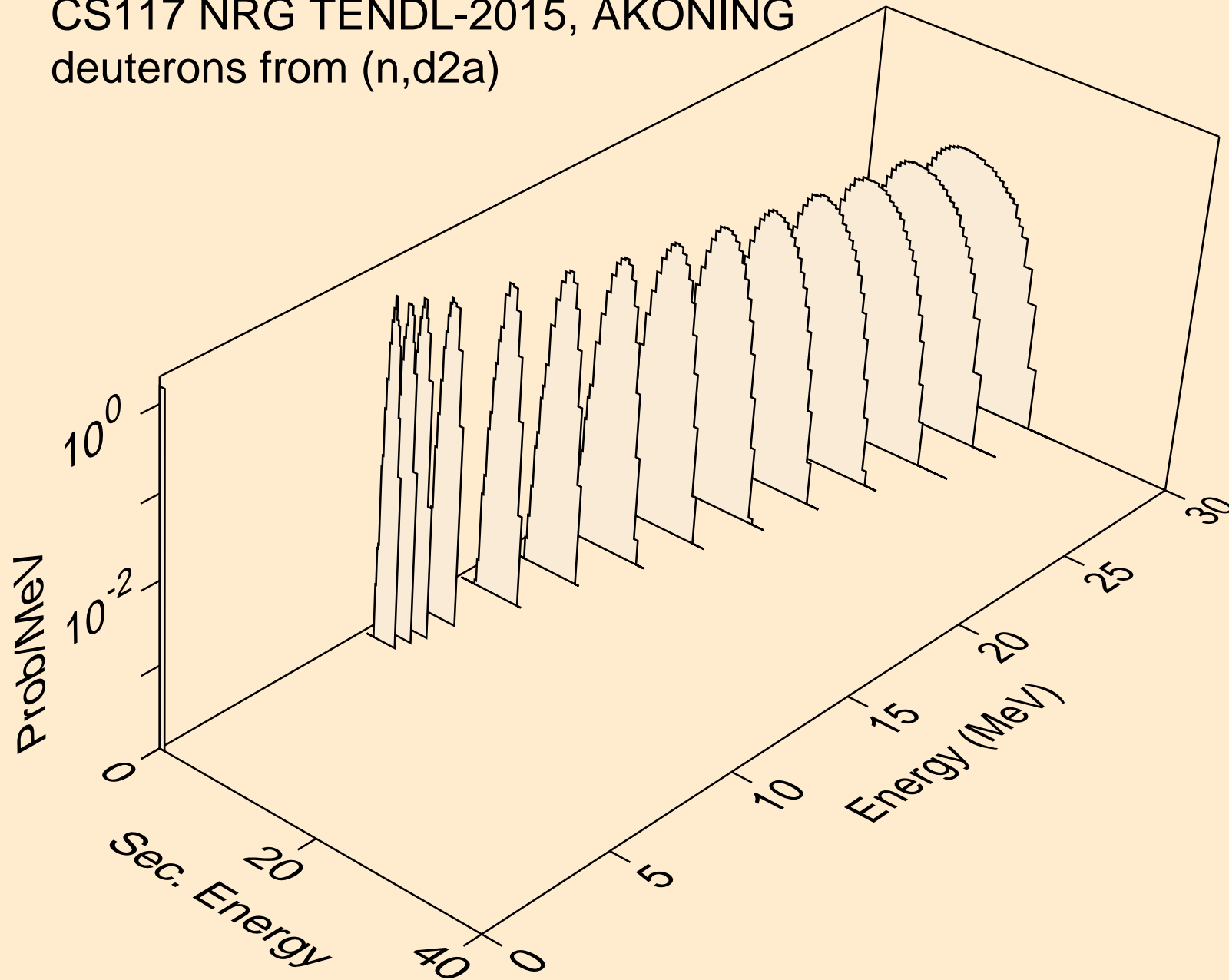
CS117 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d2a



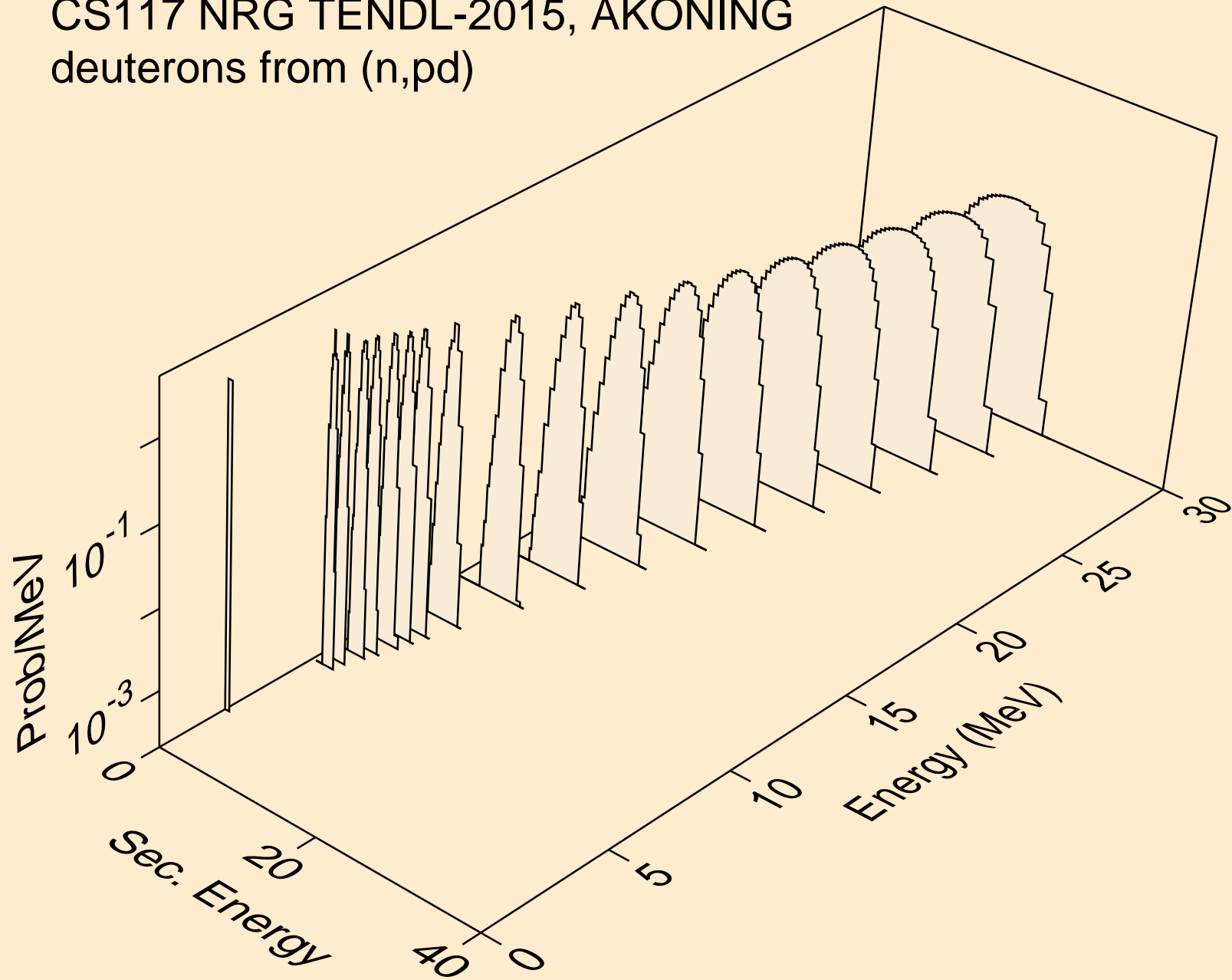
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deuterons from (n,d)



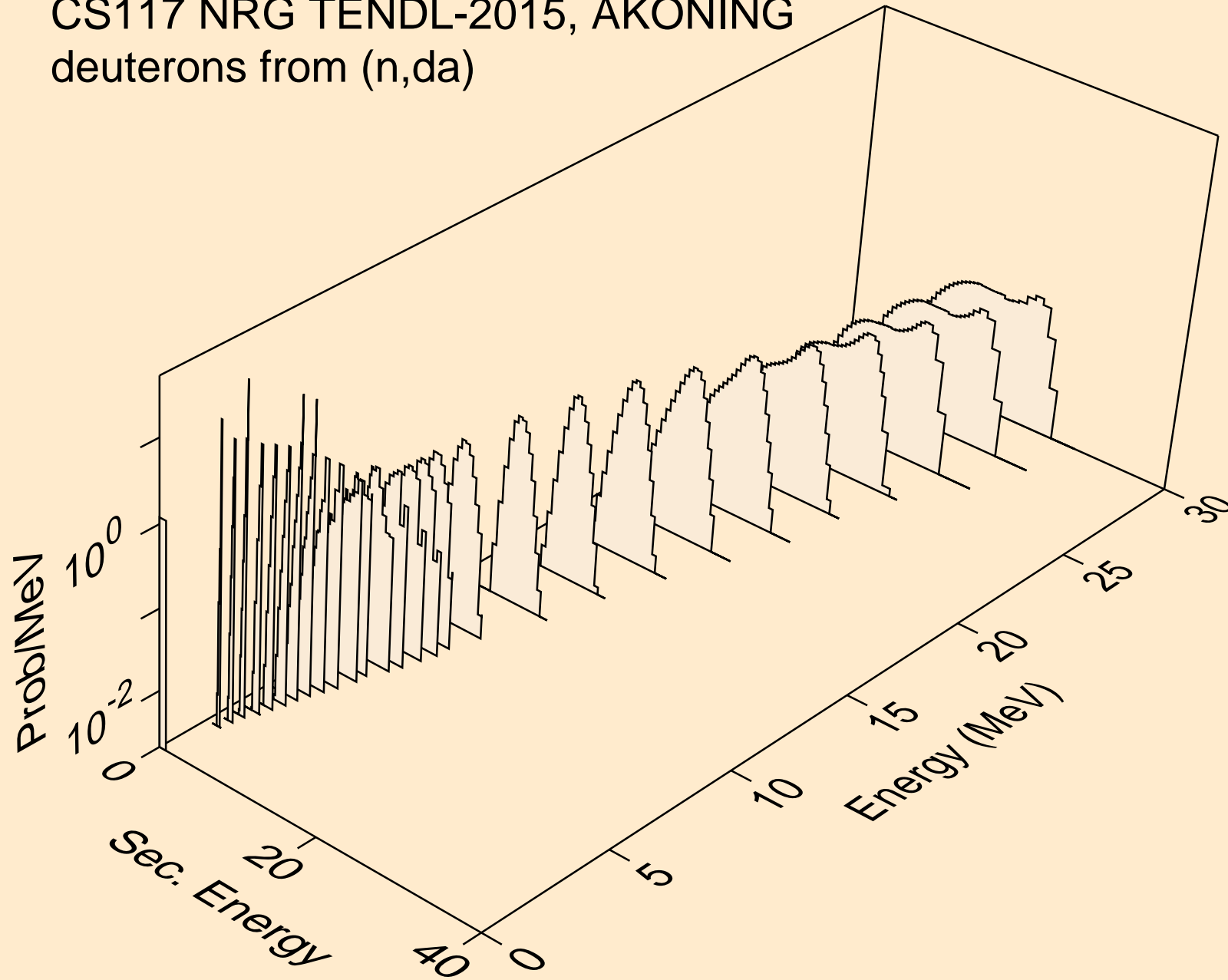
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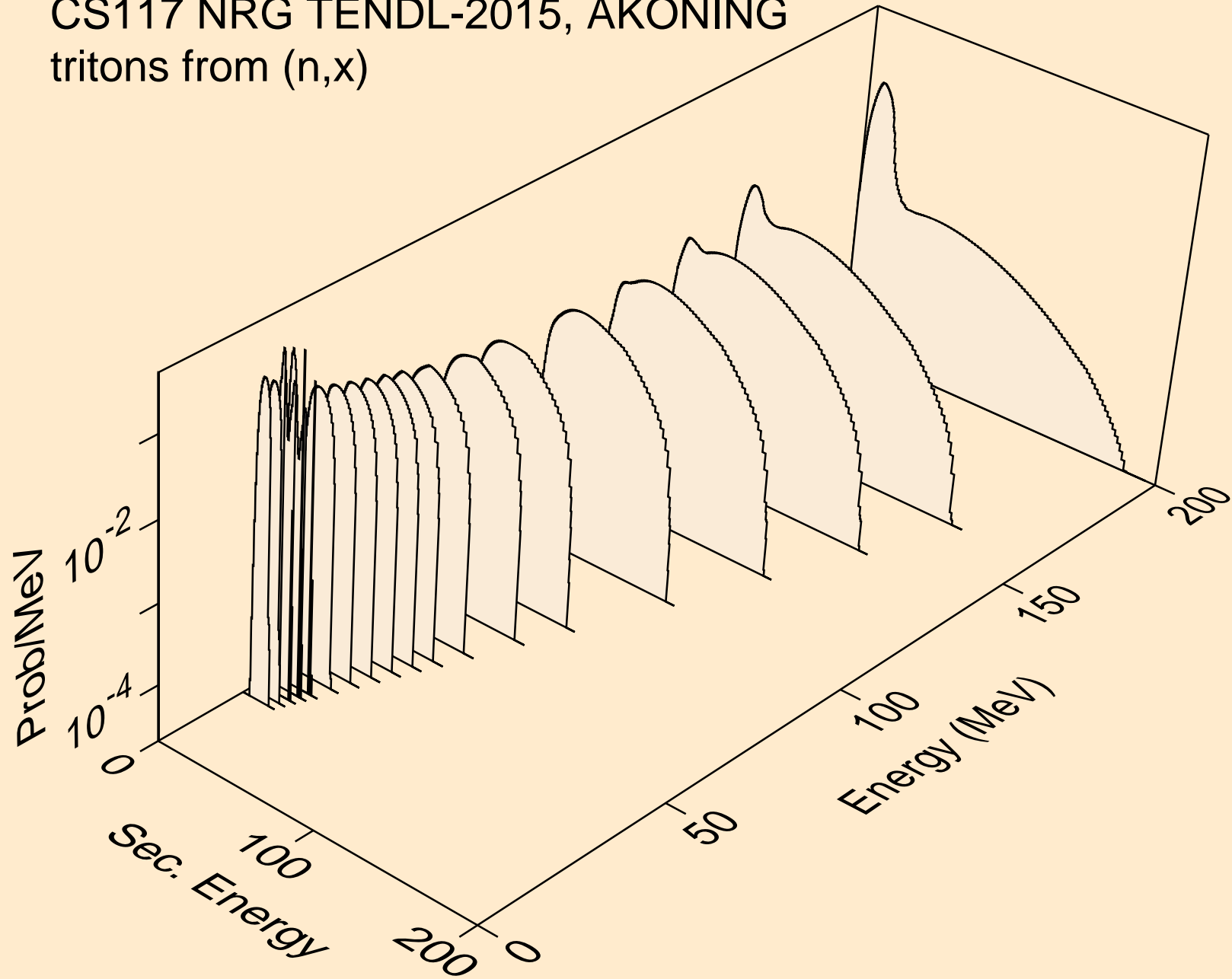
CS117 NRG TENDL-2015, AKONING  
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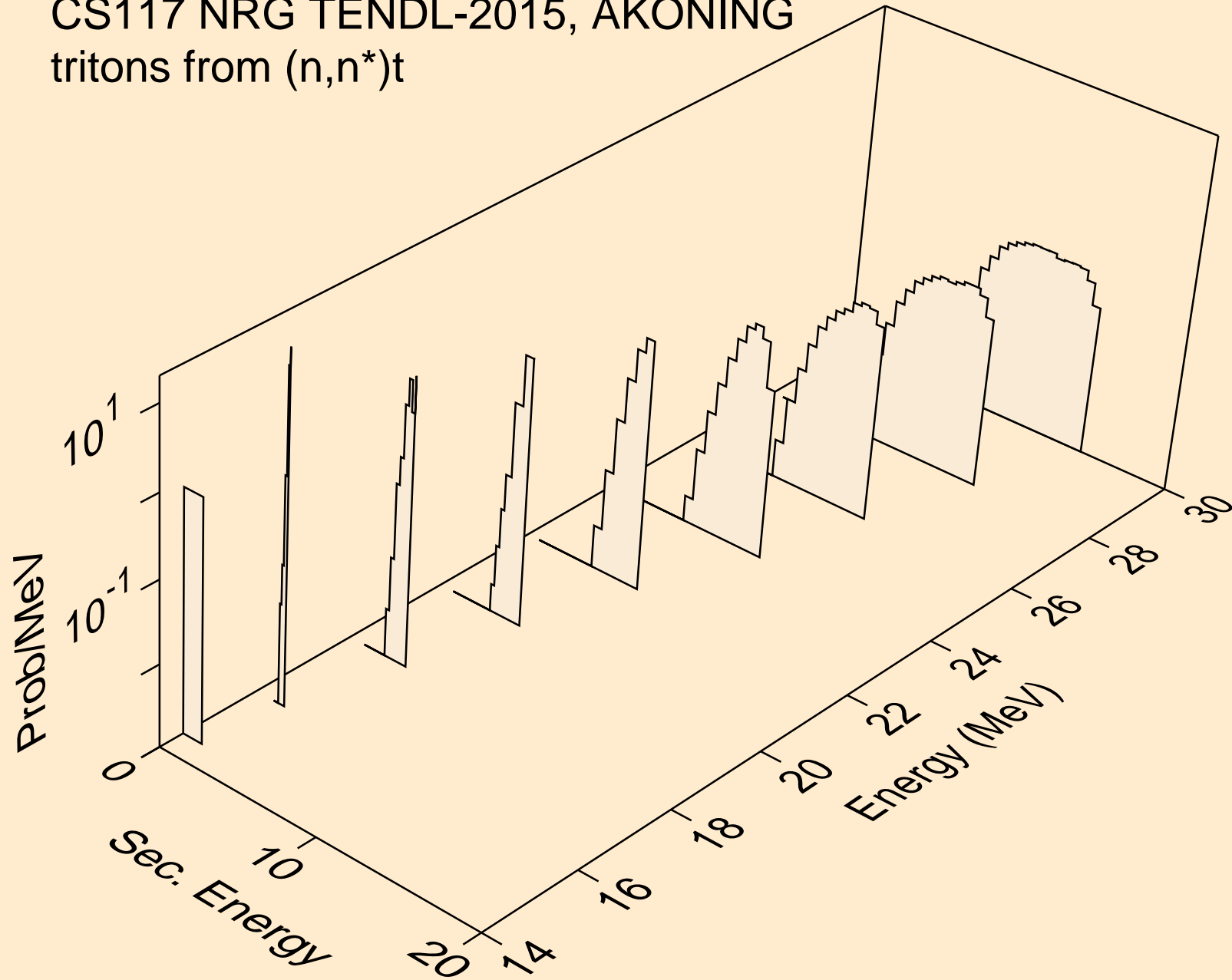
CS117 NRG TENDL-2015, AKONING  
deuterons from (n,da)



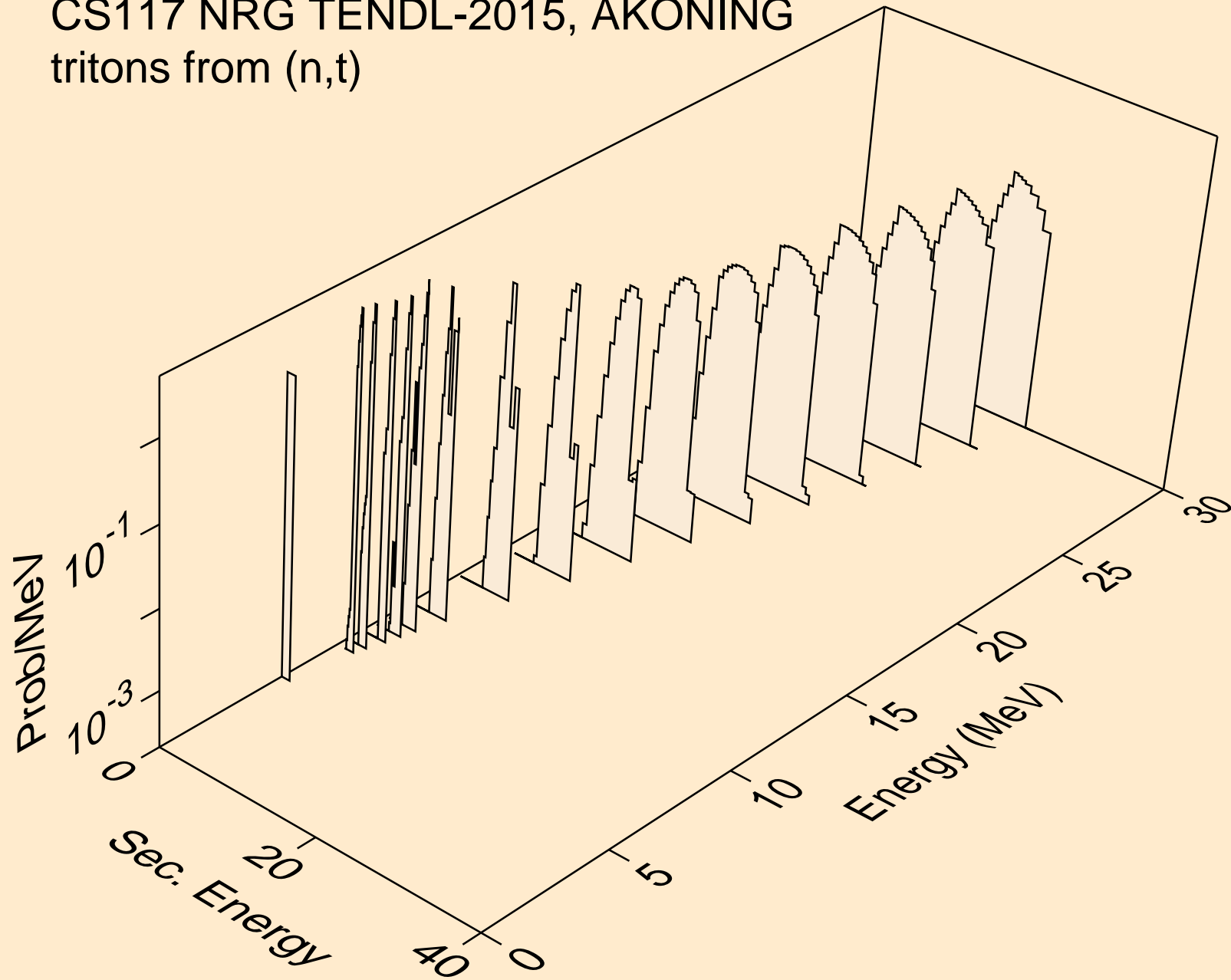
CS117 NRG TENDL-2015, AKONING  
tritons from (n,x)



CS117 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

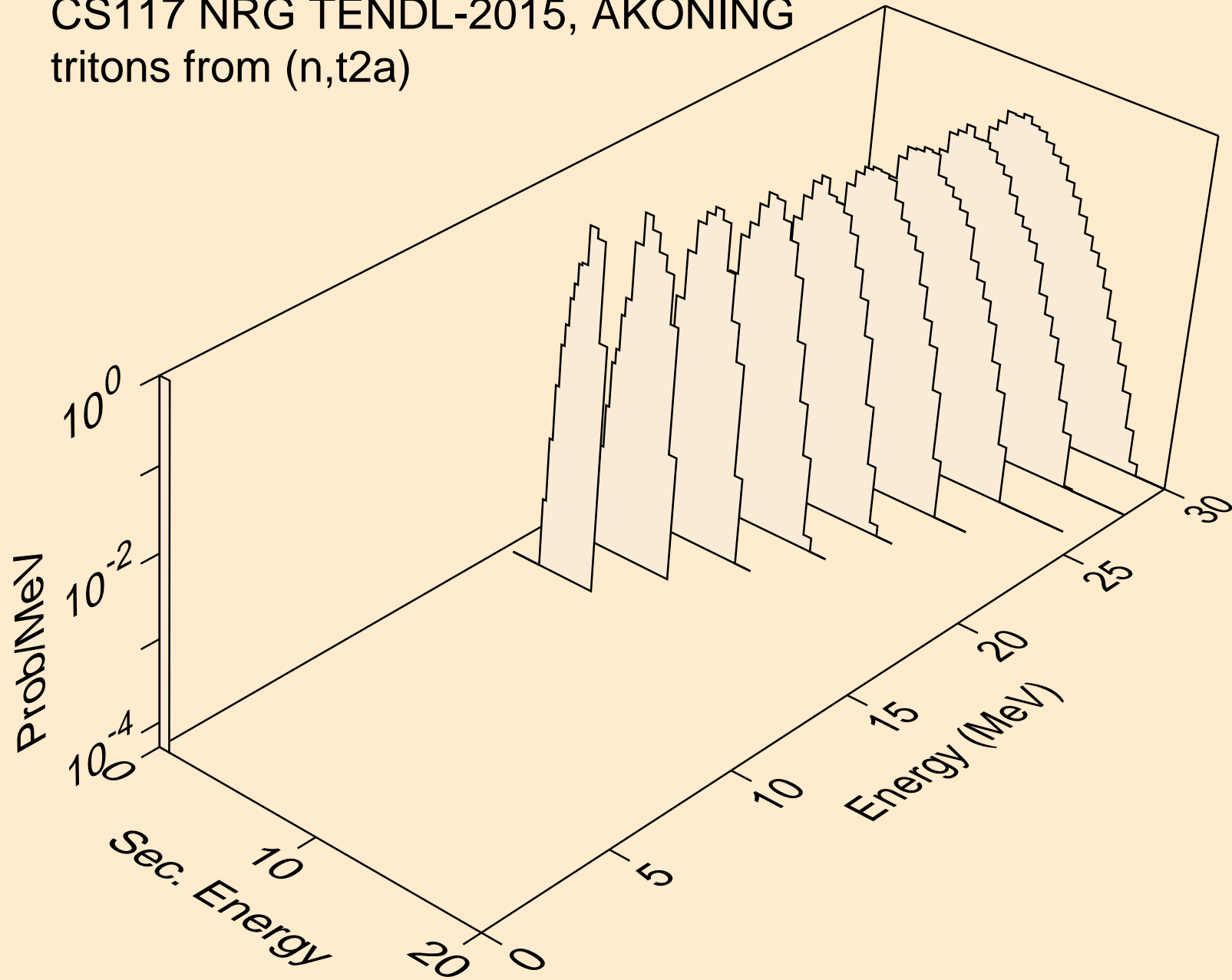


CS117 NRG TENDL-2015, AKONING  
tritons from (n,t)

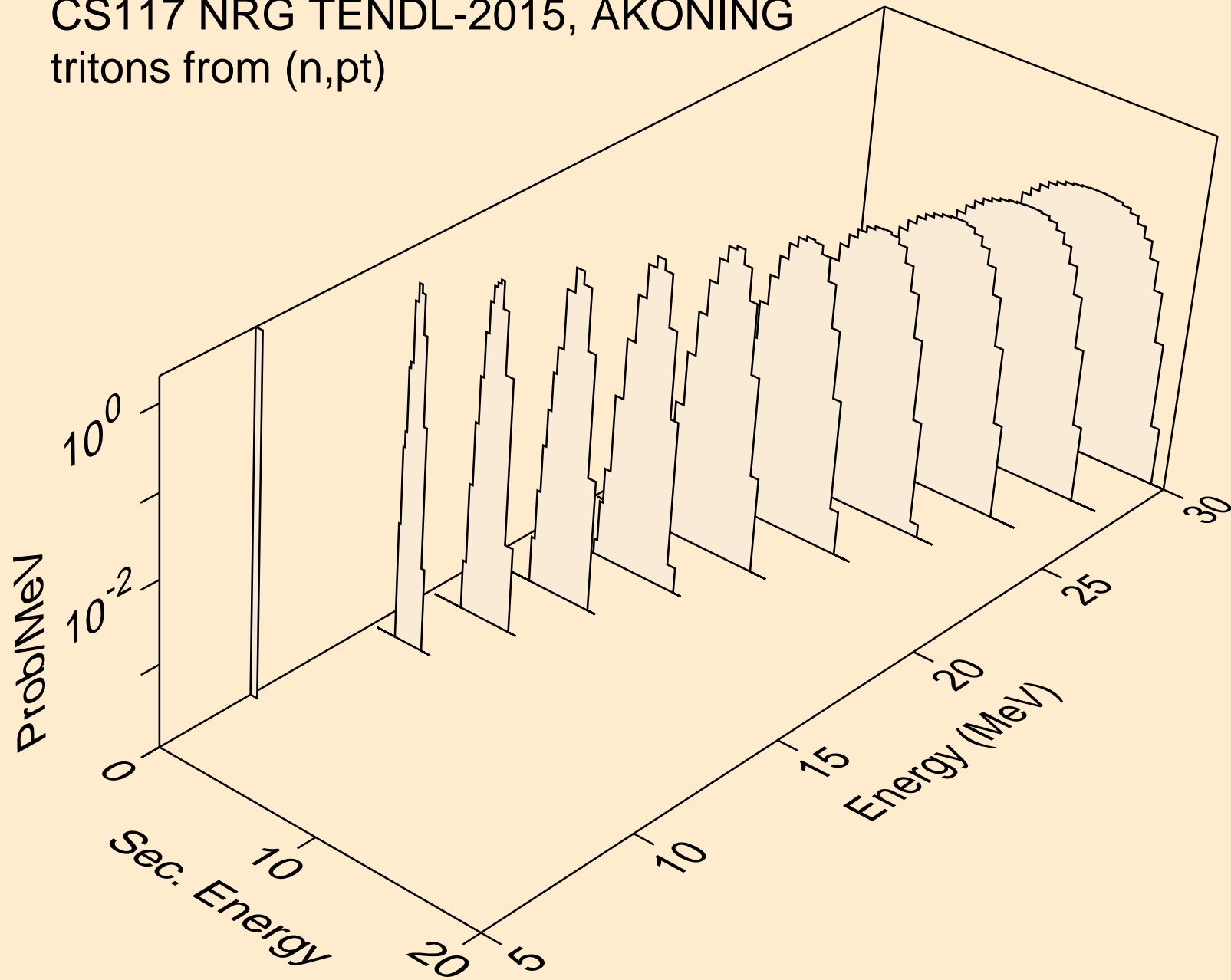




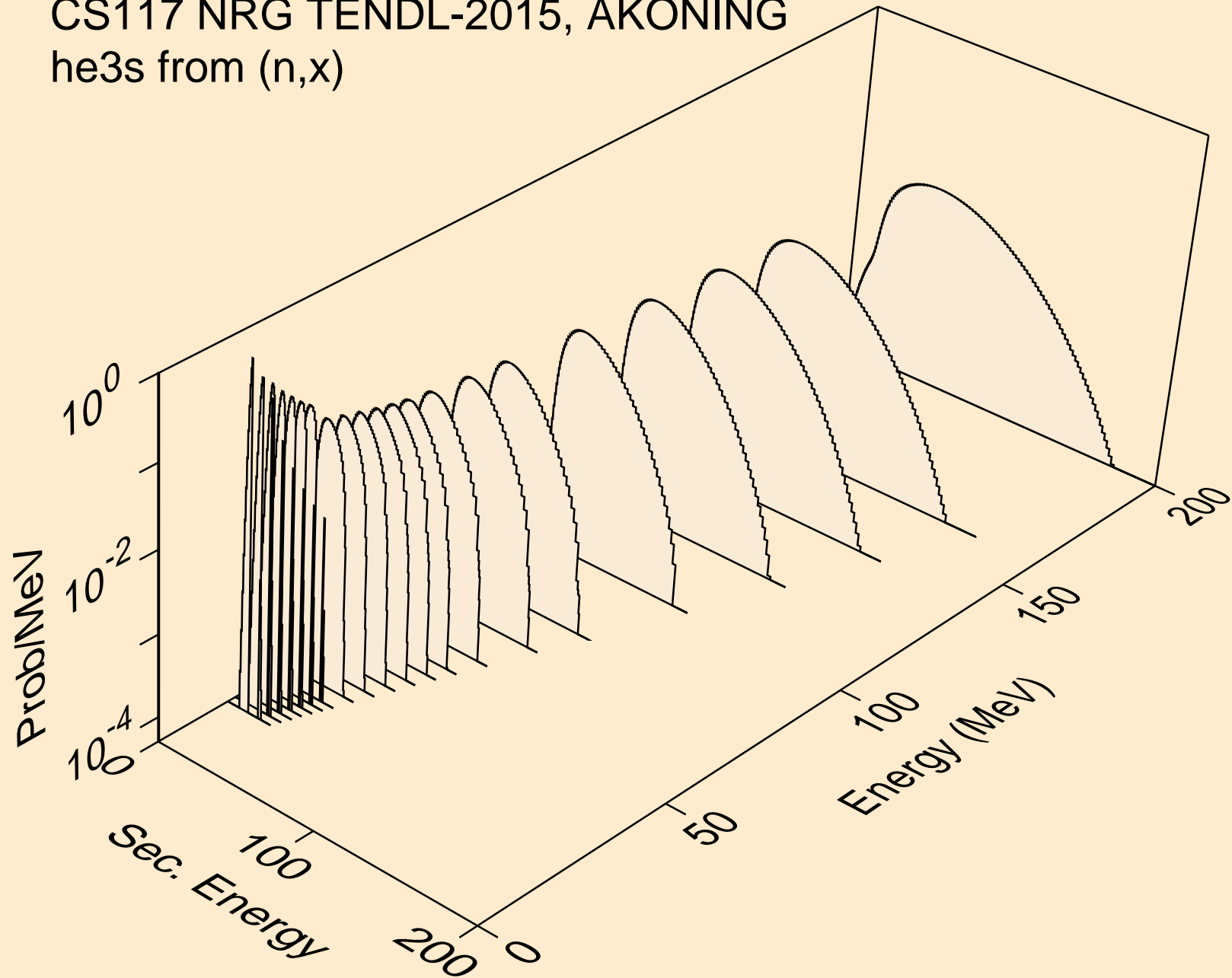
CS117 NRG TENDL-2015, AKONING  
tritons from (n,t2a)



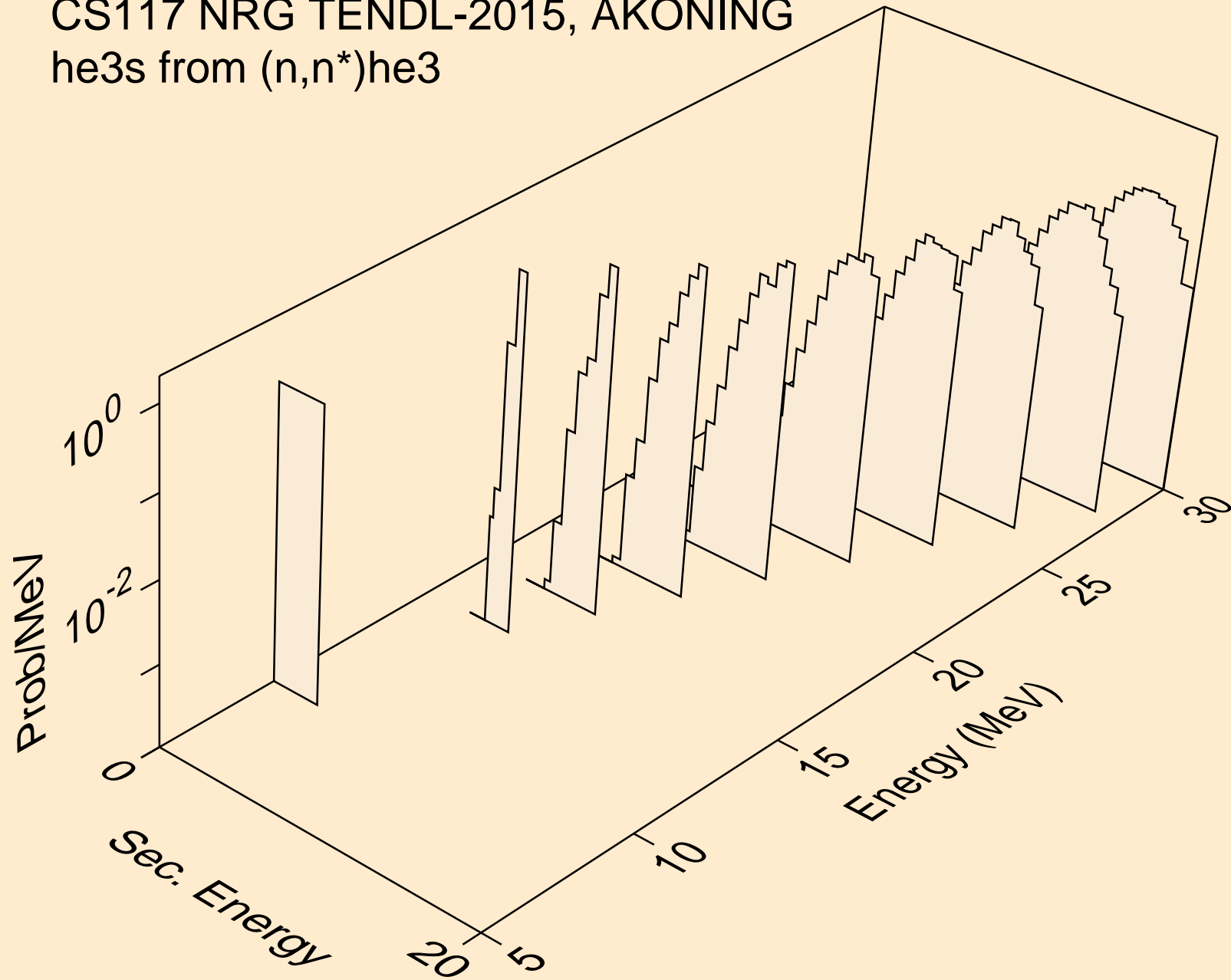
CS117 NRG TENDL-2015, AKONING  
tritons from (n,pt)



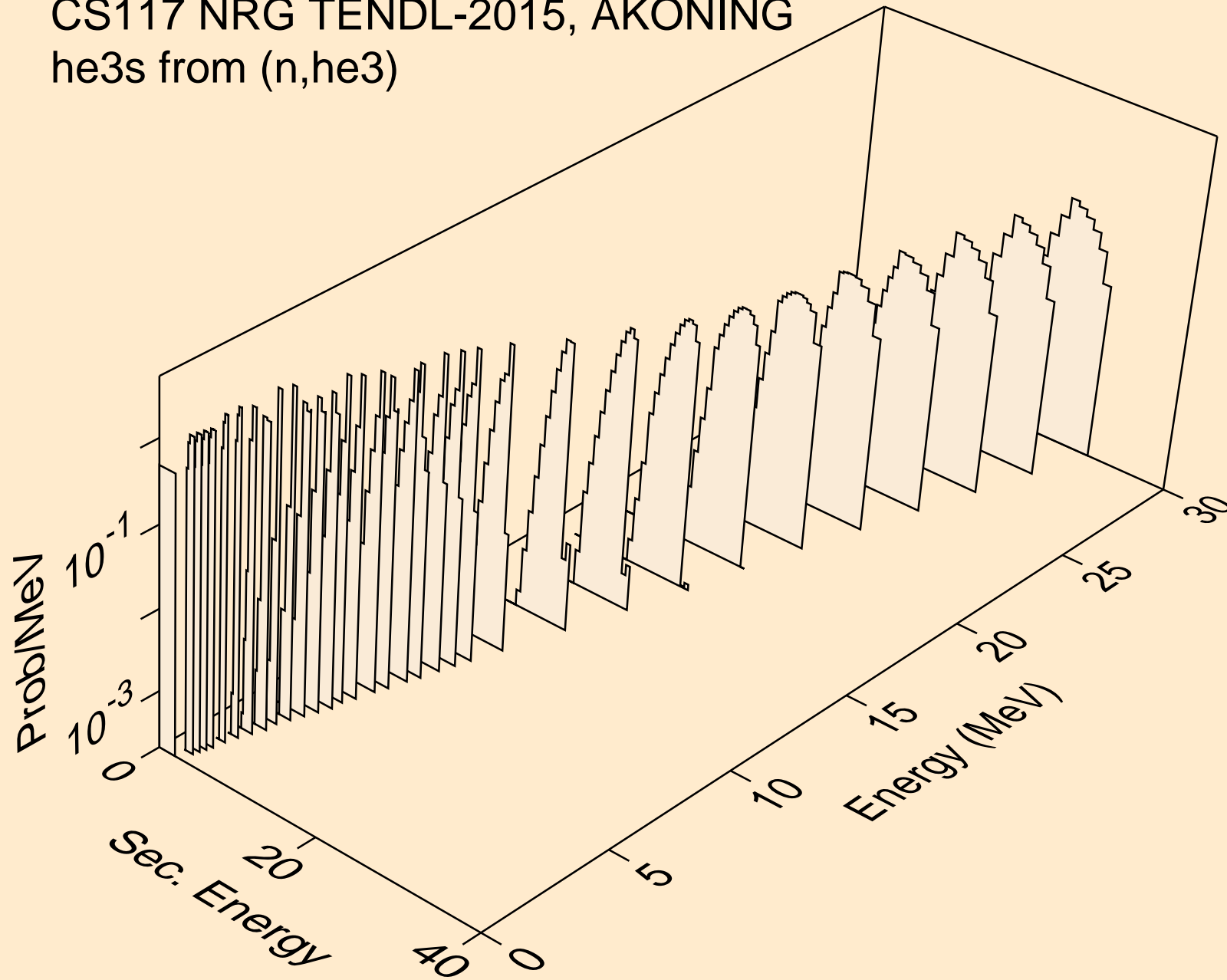
CS117 NRG TENDL-2015, AKONING  
he3s from (n,x)



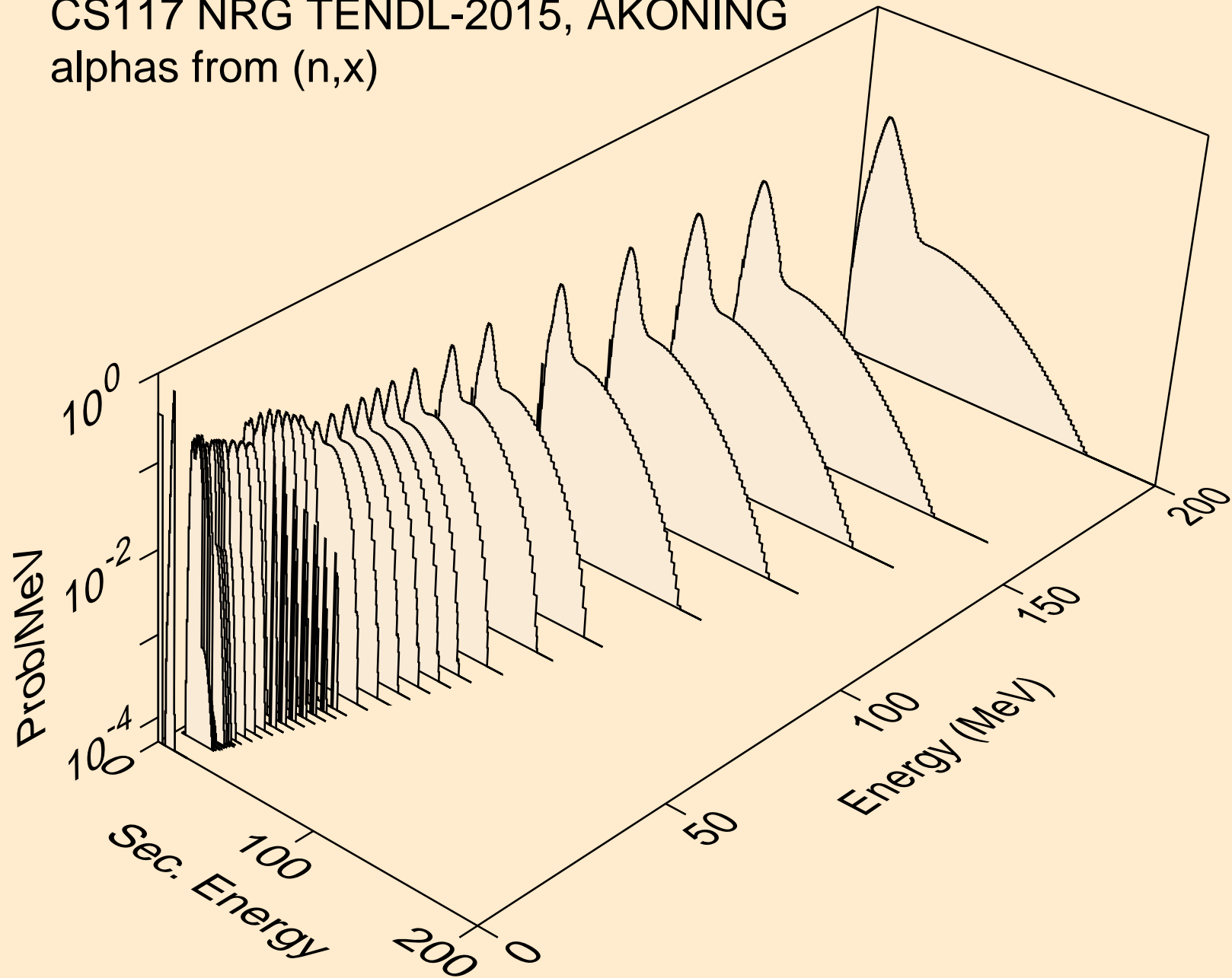
CS117 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



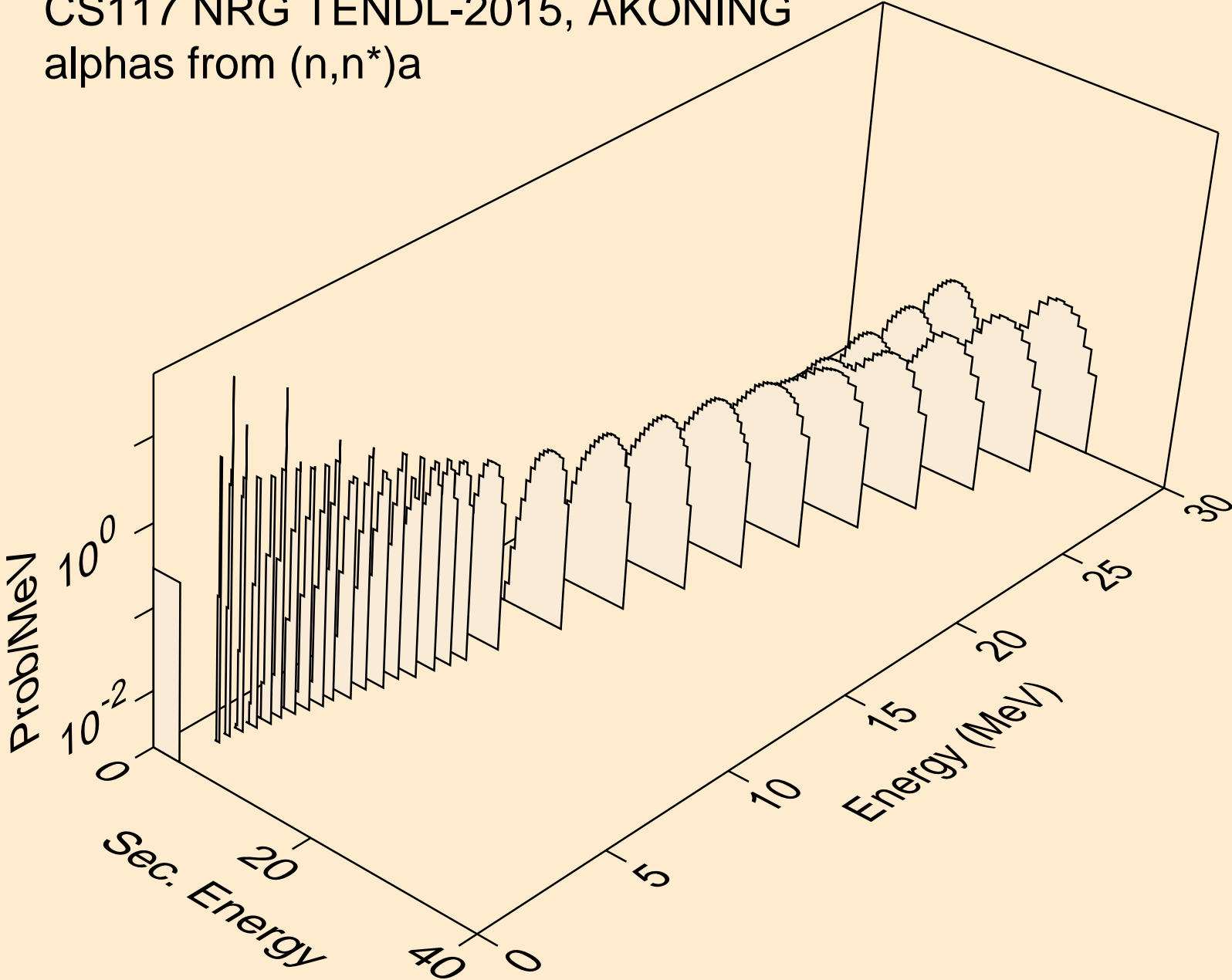
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he3s from (n,he3)



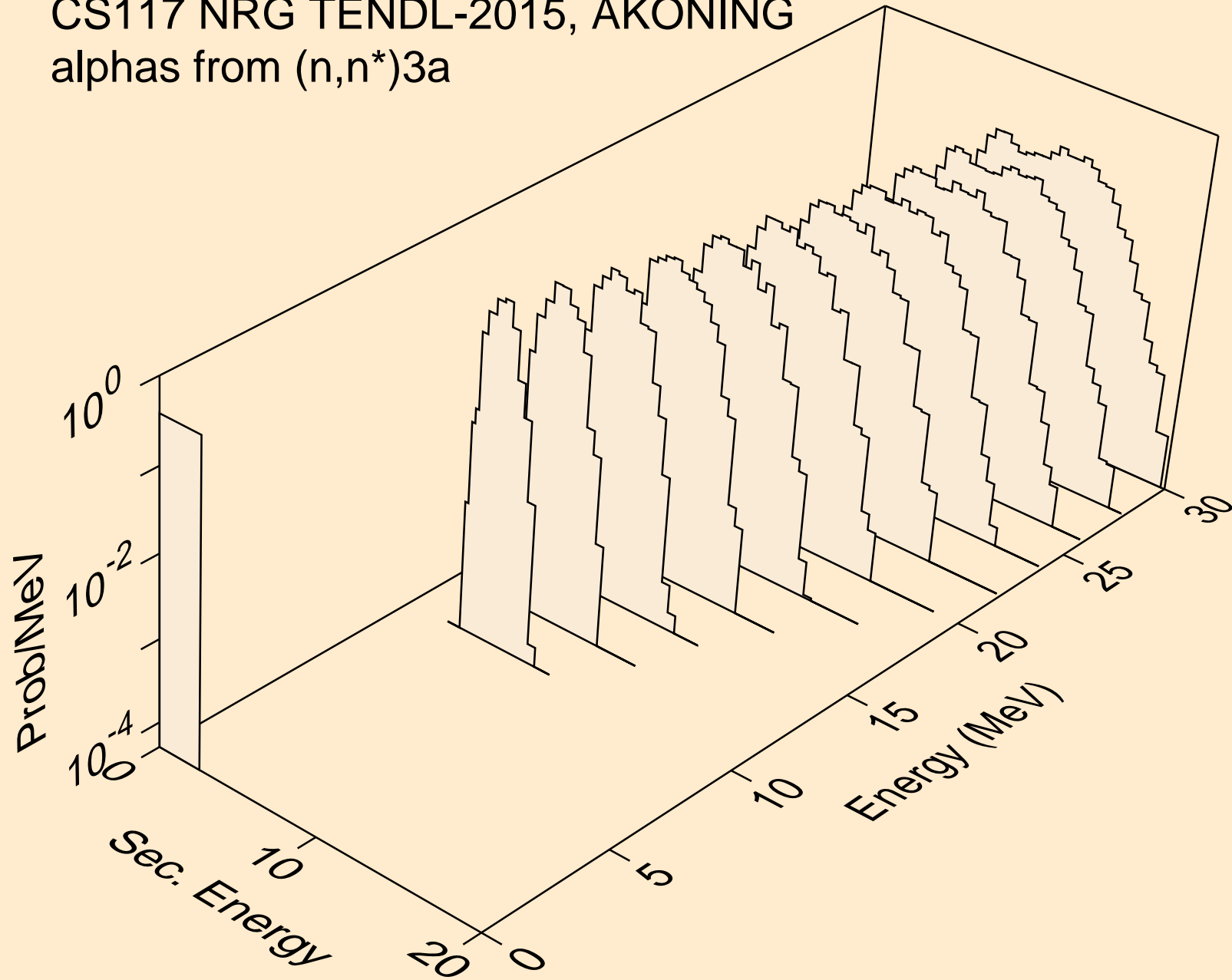
CS117 NRG TENDL-2015, AKONING  
alphas from (n,x)



CS117 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

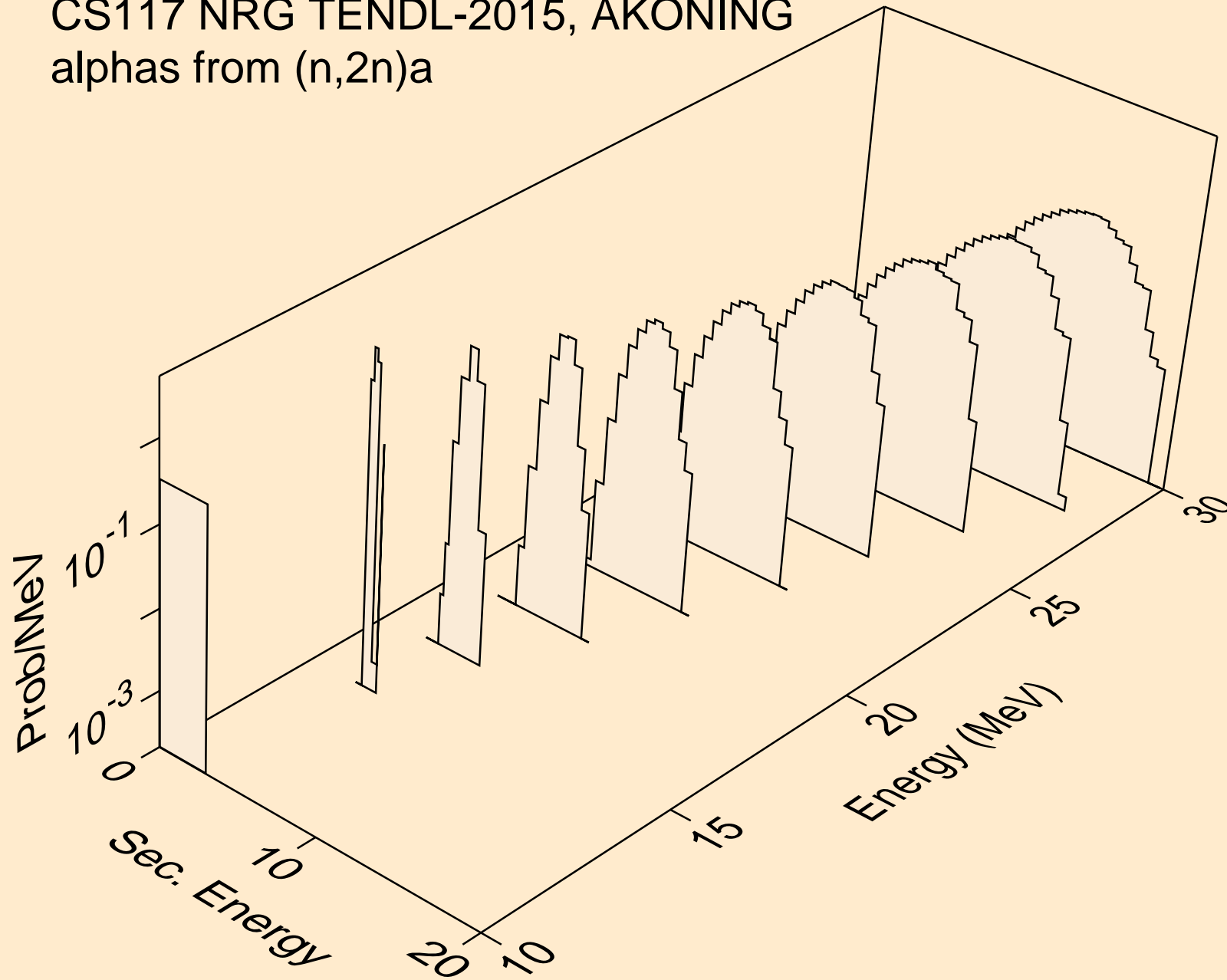


CS117 NRG TENDL-2015, AKONING  
alphas from (n,n\*)3a

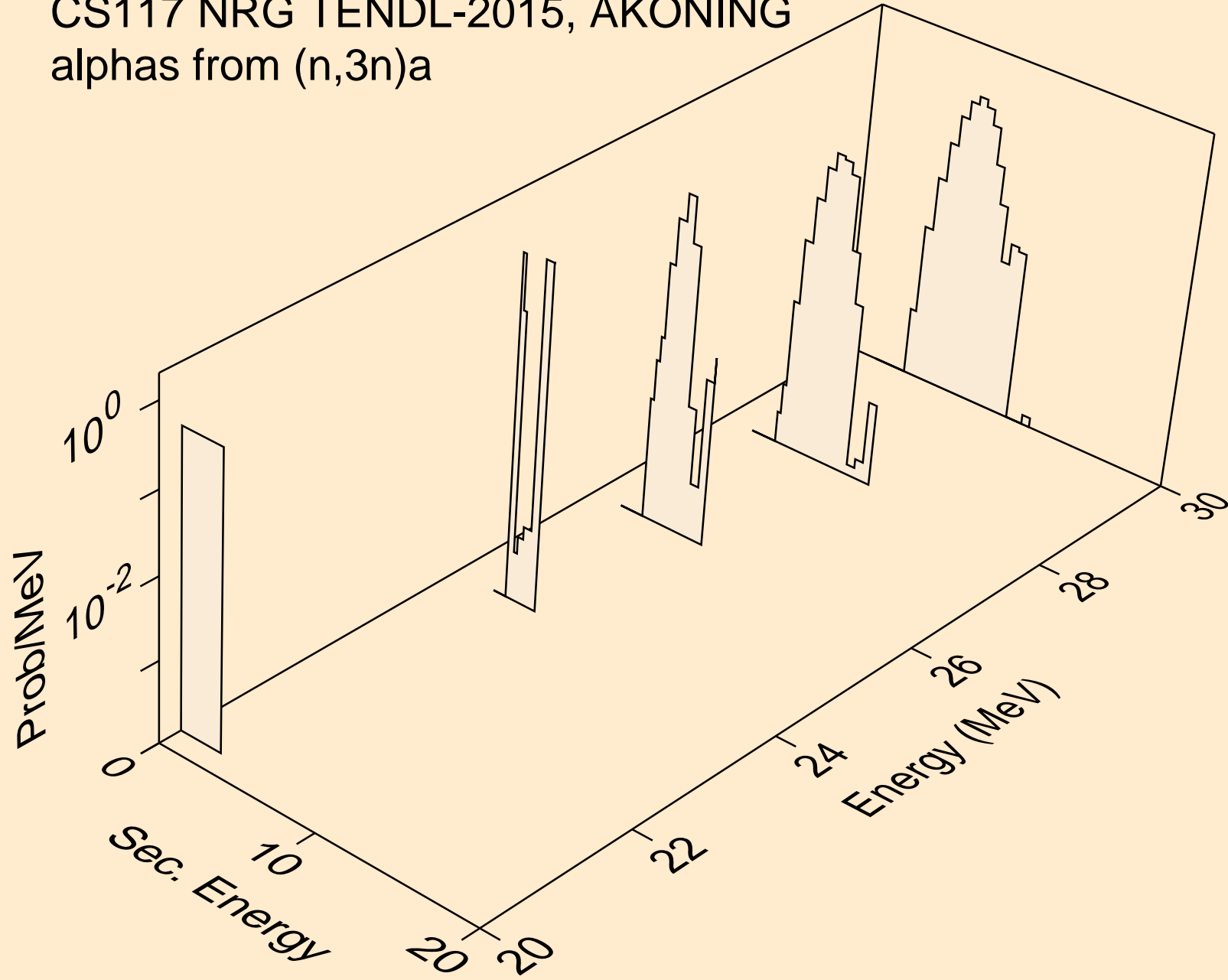




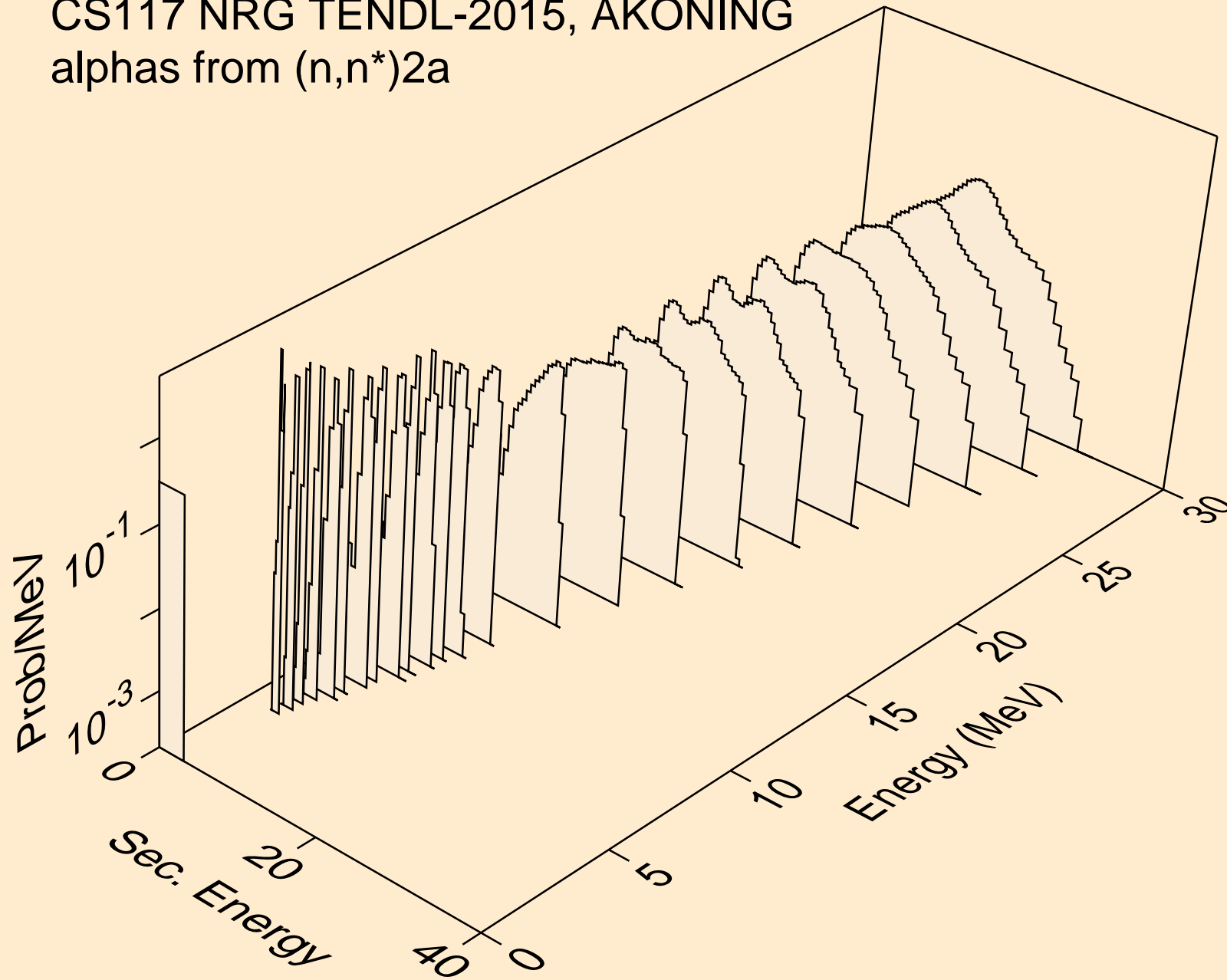
CS117 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



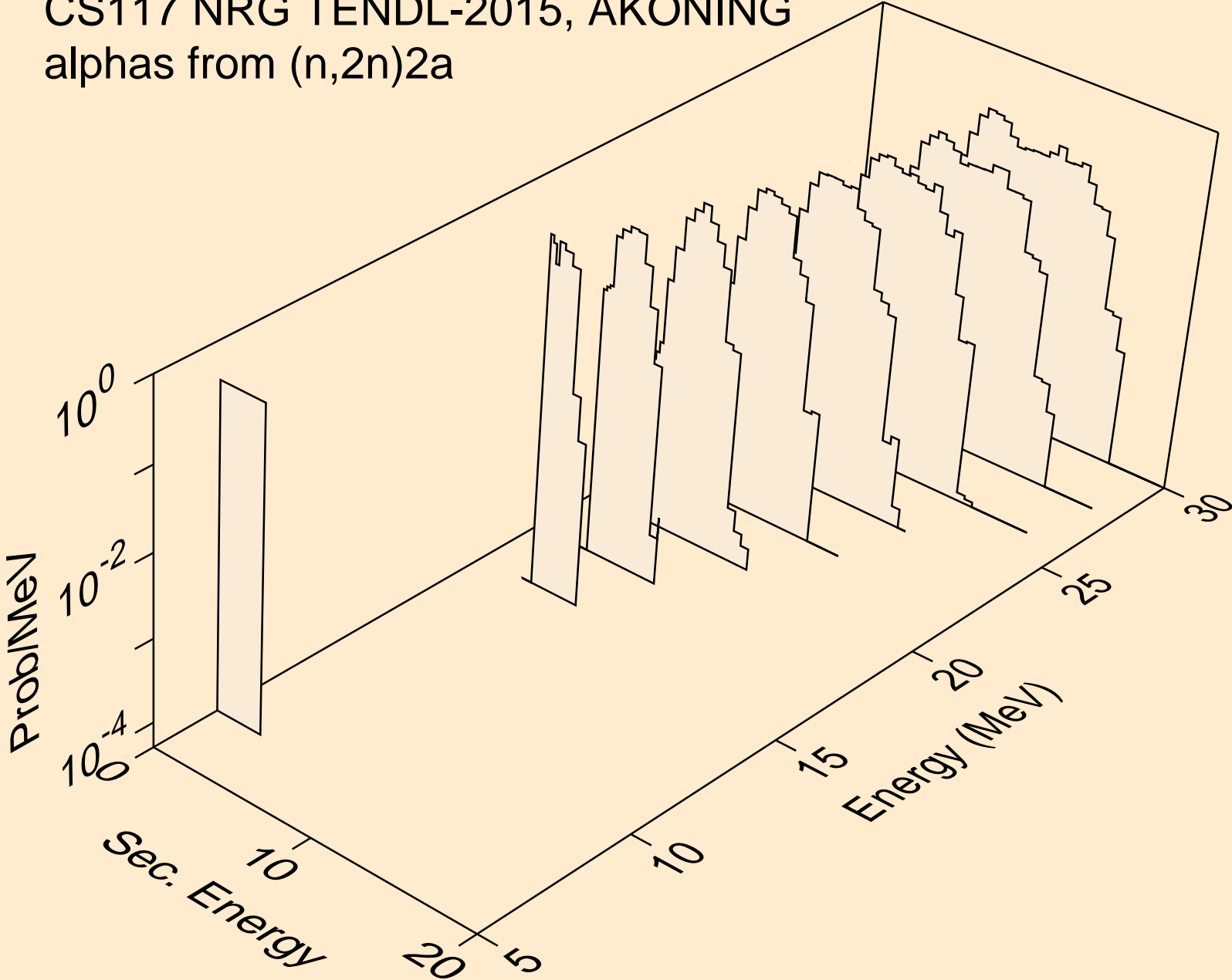
CS117 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



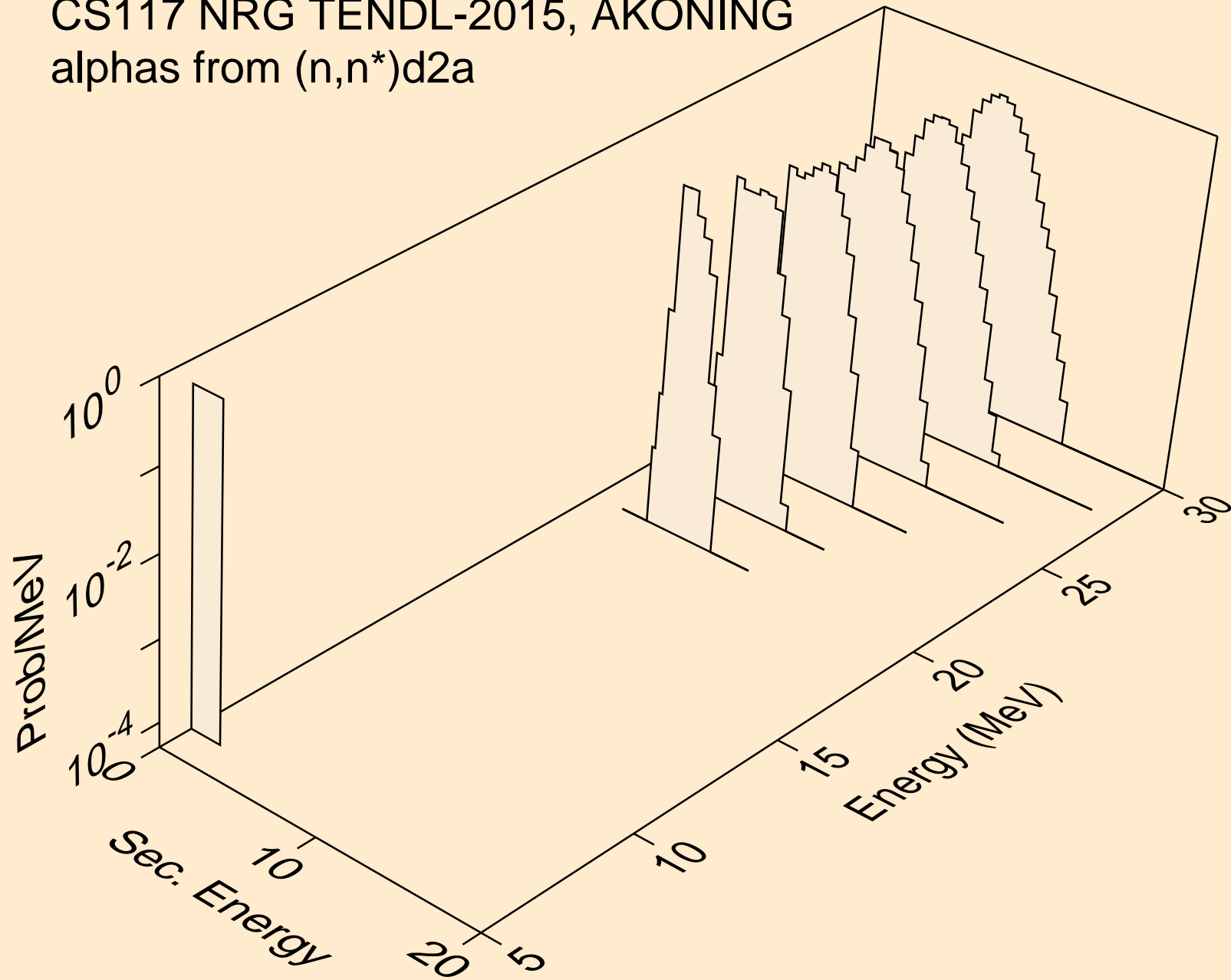
CS117 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



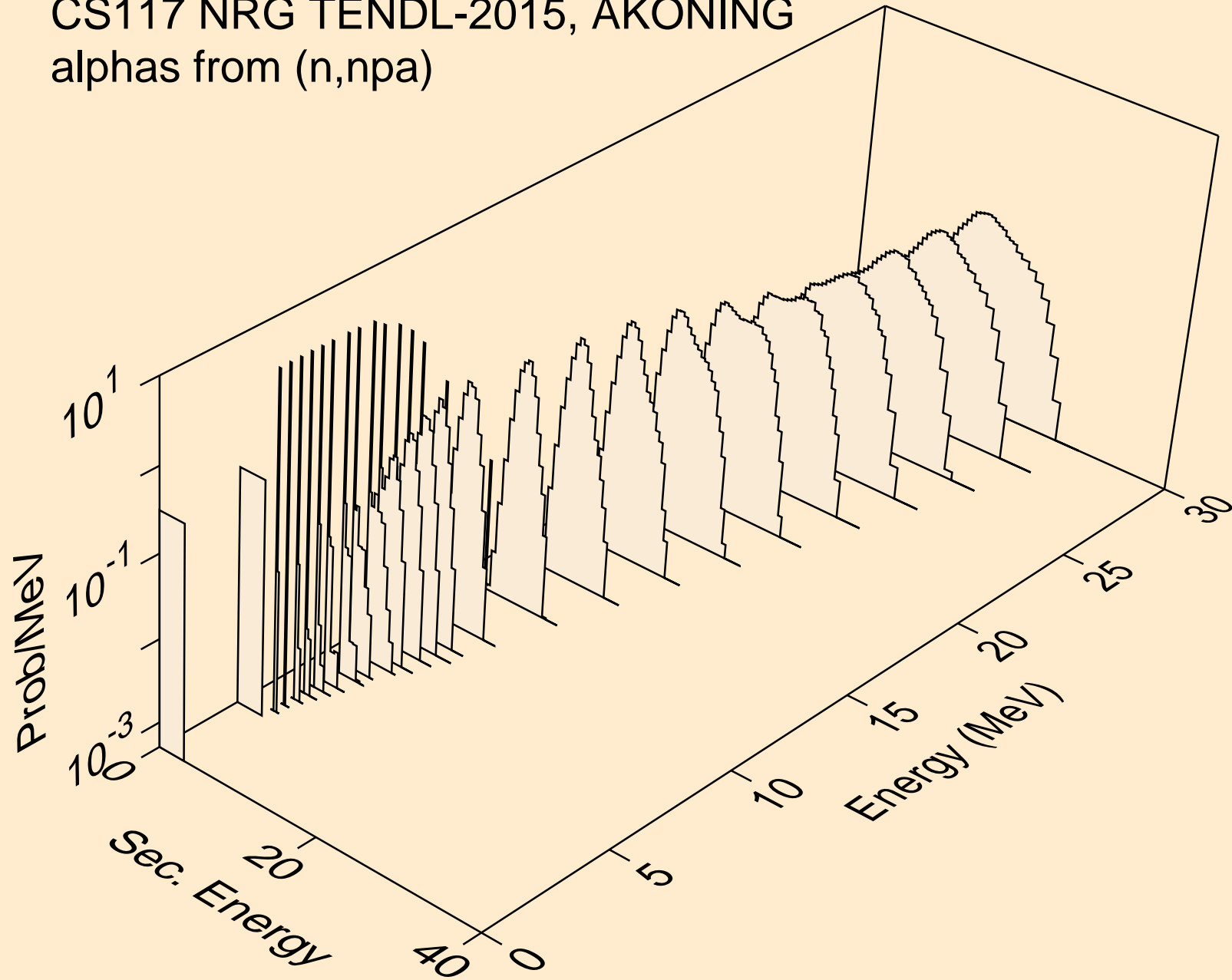
CS117 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



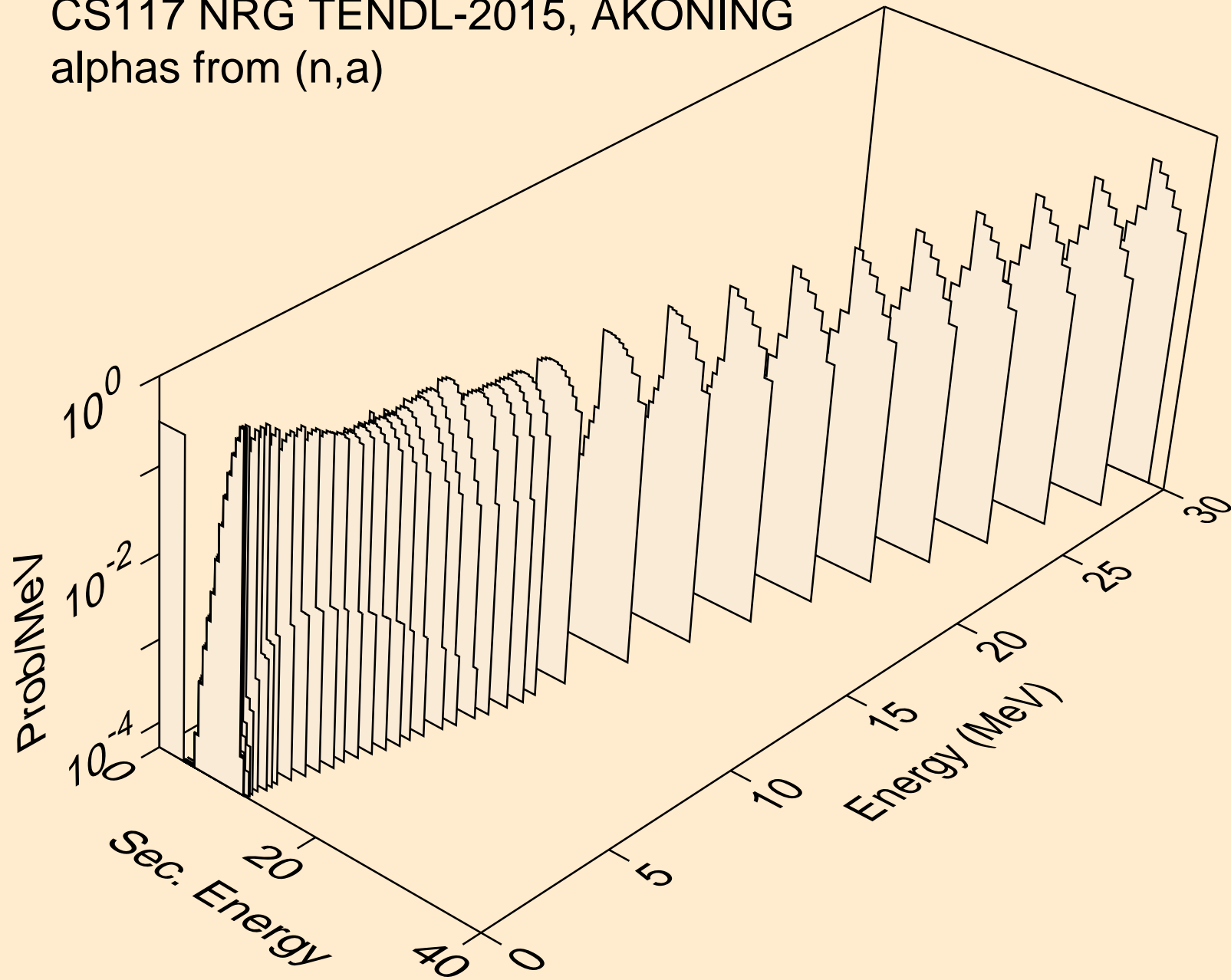
CS117 NRG TENDL-2015, AKONING  
alphas from (n,n\*)d2a



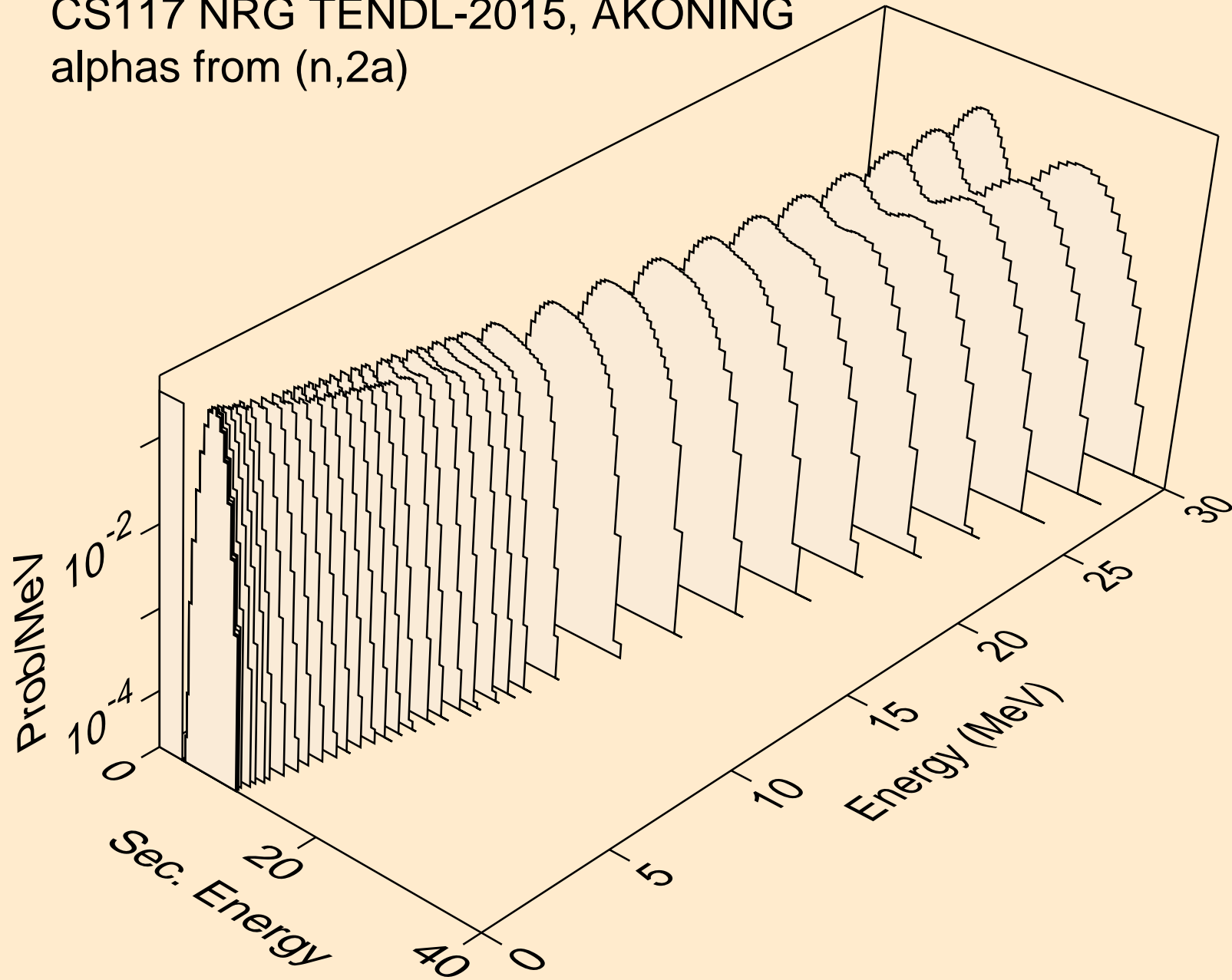
CS117 NRG TENDL-2015, AKONING  
alphas from (n,npa)



CS117 NRG TENDL-2015, AKONING  
alphas from (n,a)

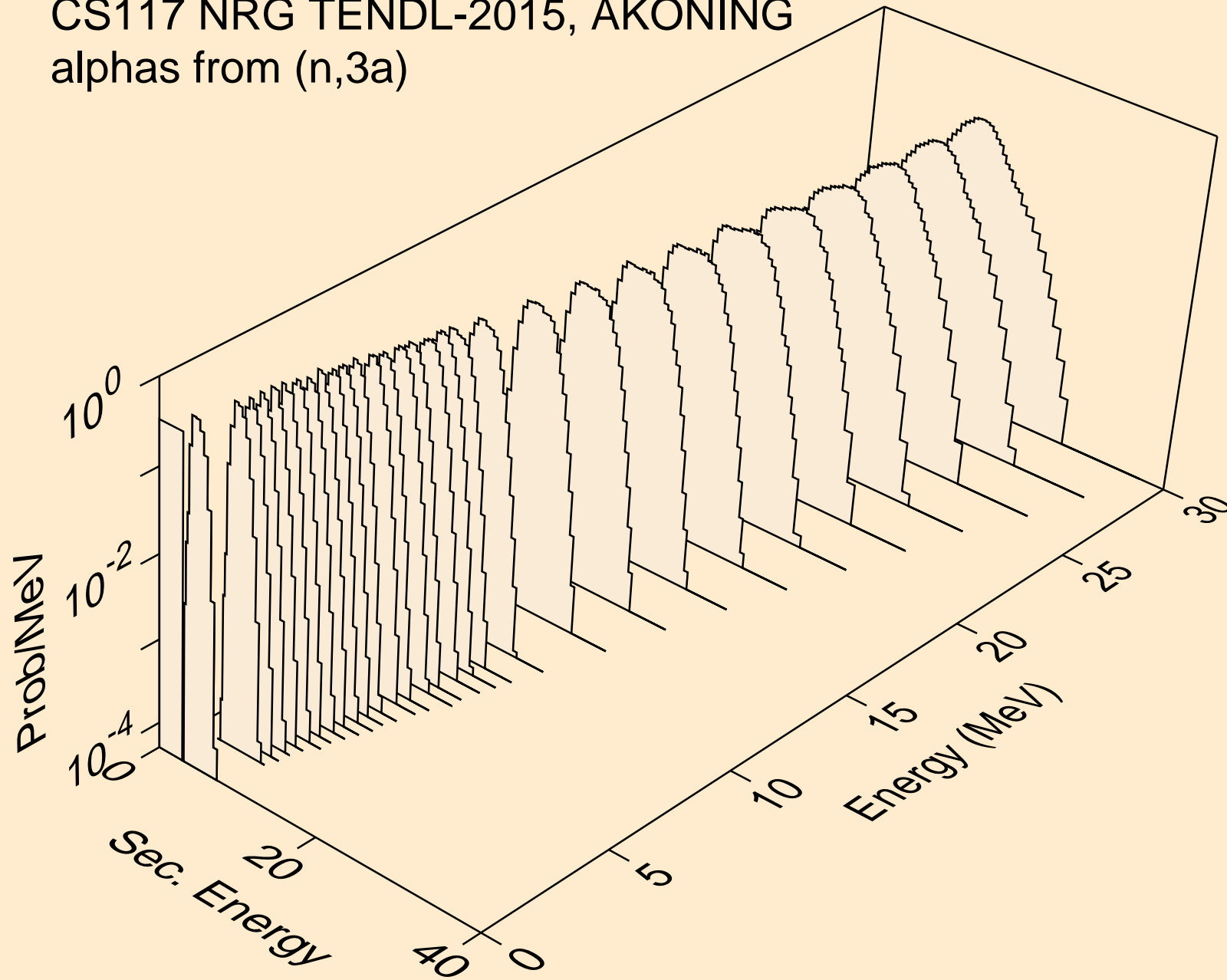


CS117 NRG TENDL-2015, AKONING  
alphas from (n,2a)

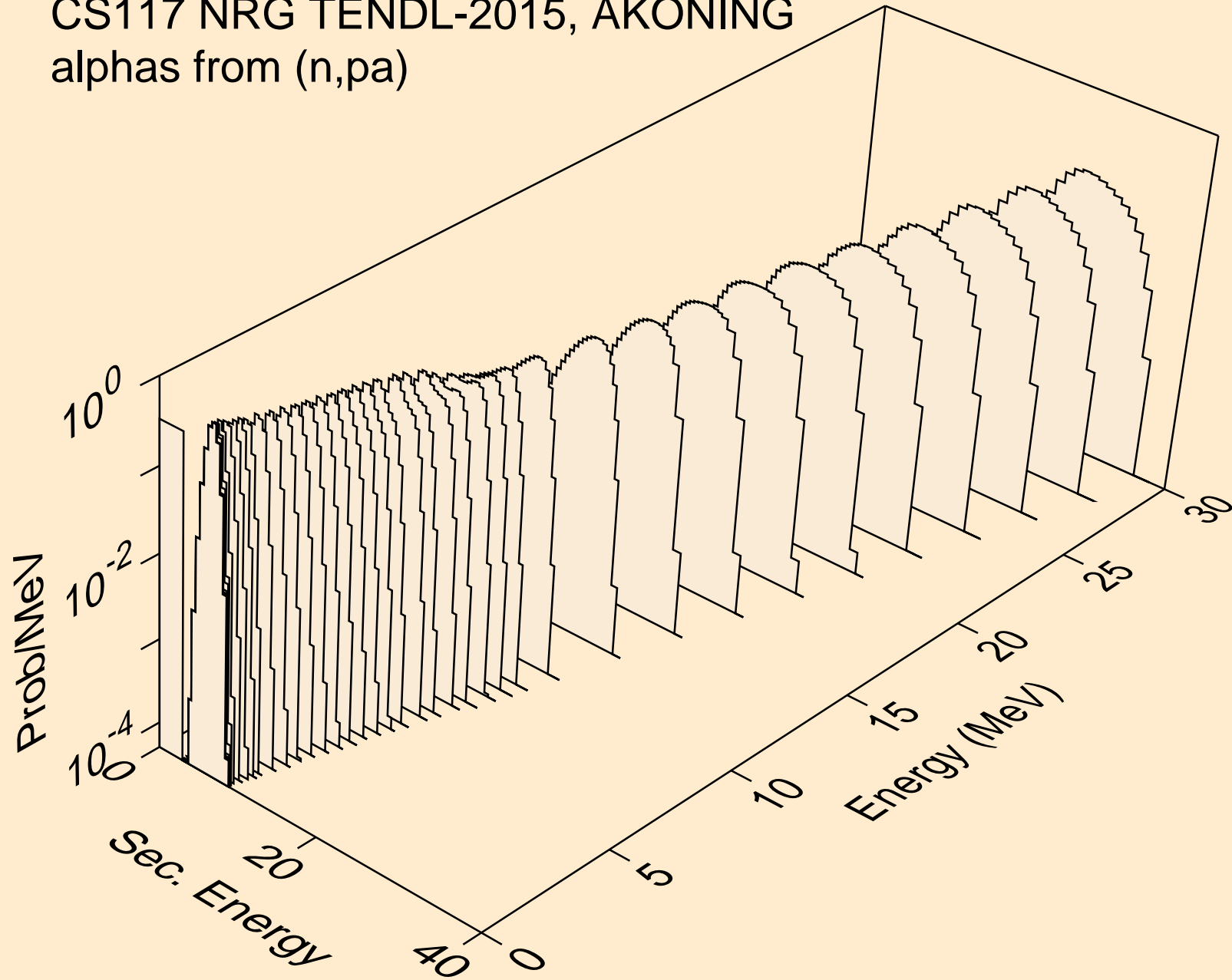




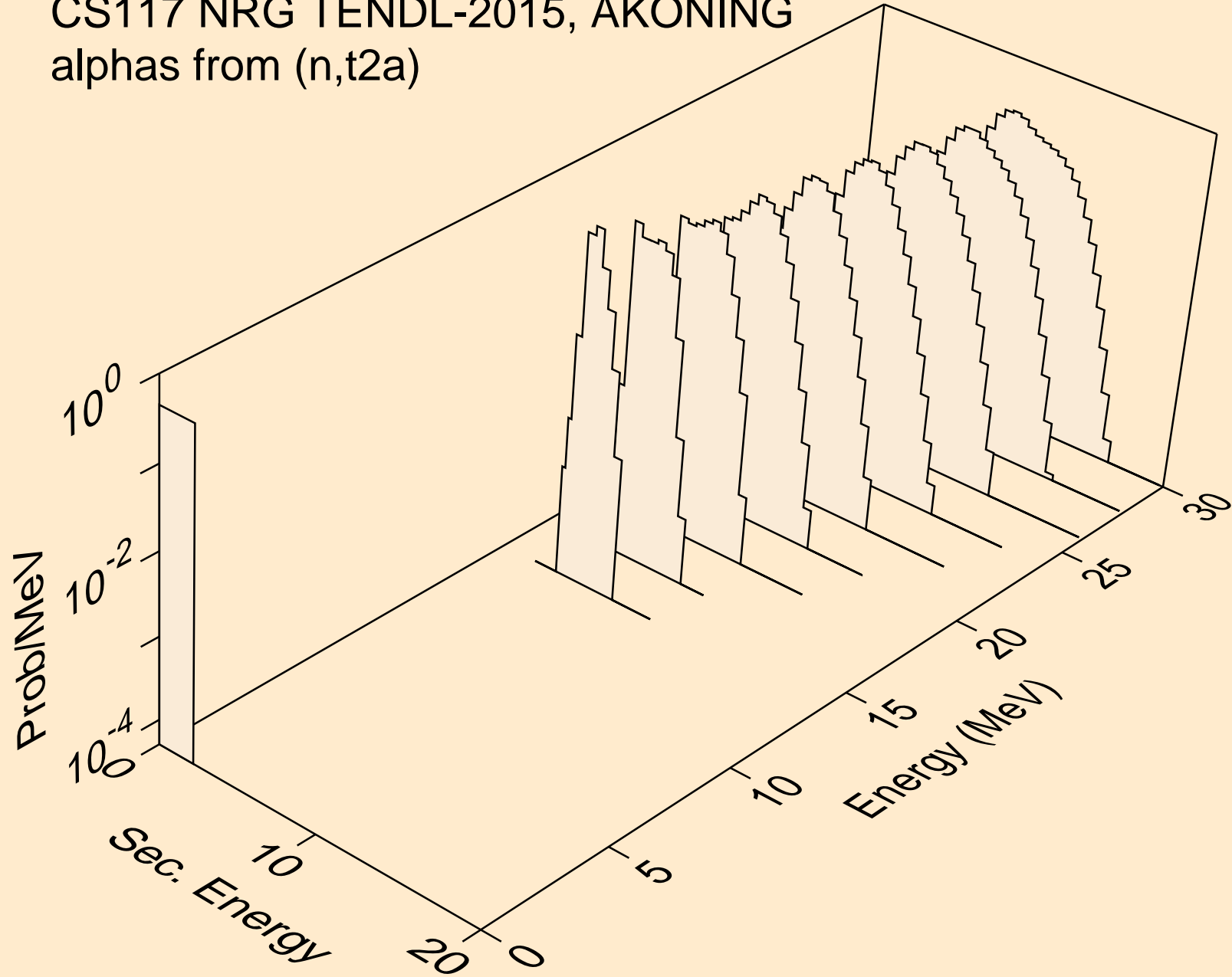
CS117 NRG TENDL-2015, AKONING  
alphas from (n,3a)



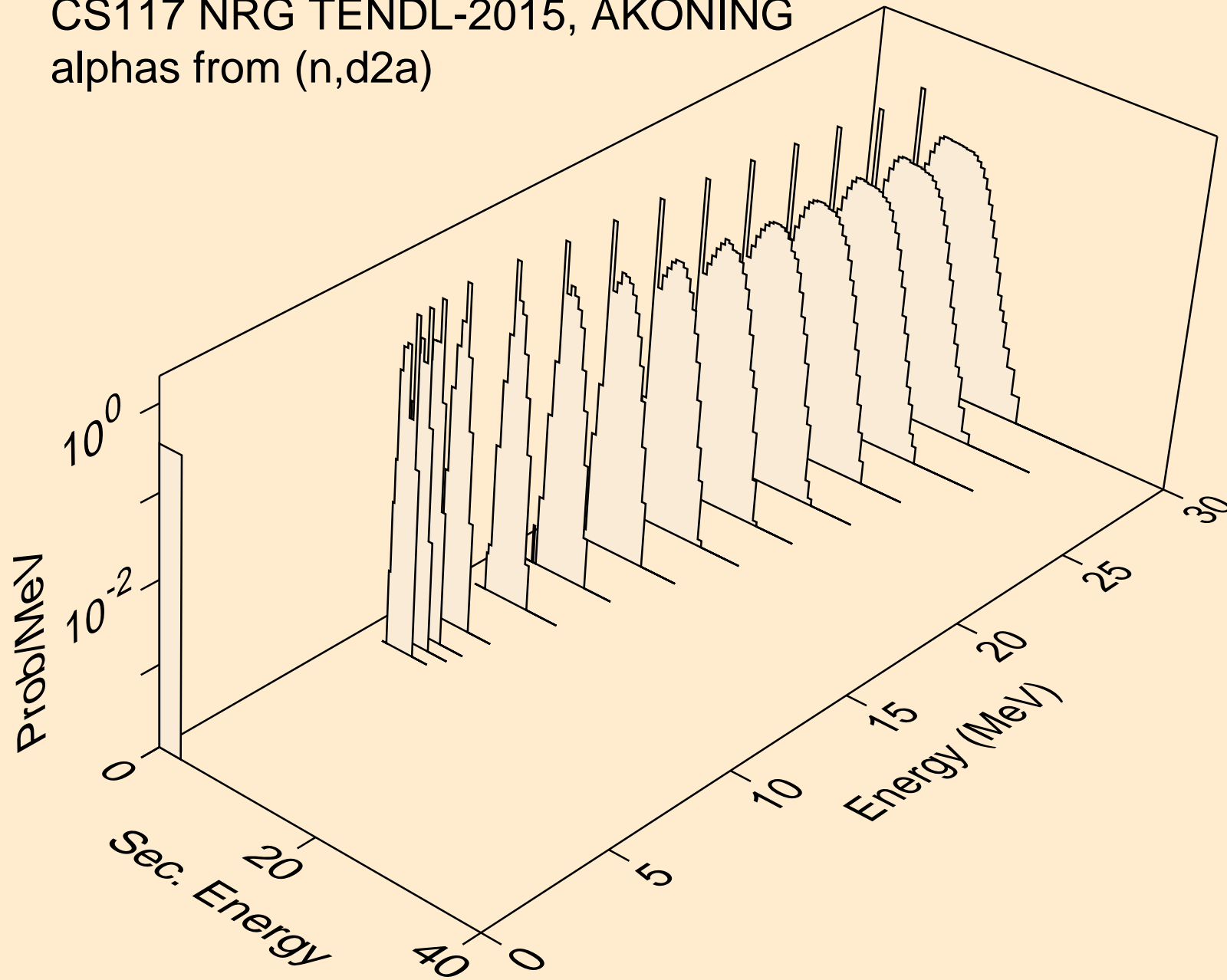
CS117 NRG TENDL-2015, AKONING  
alphas from (n,pa)



CS117 NRG TENDL-2015, AKONING  
alphas from (n,t2a)



CS117 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



CS117 NRG TENDL-2015, AKONING  
alphas from (n,da)

