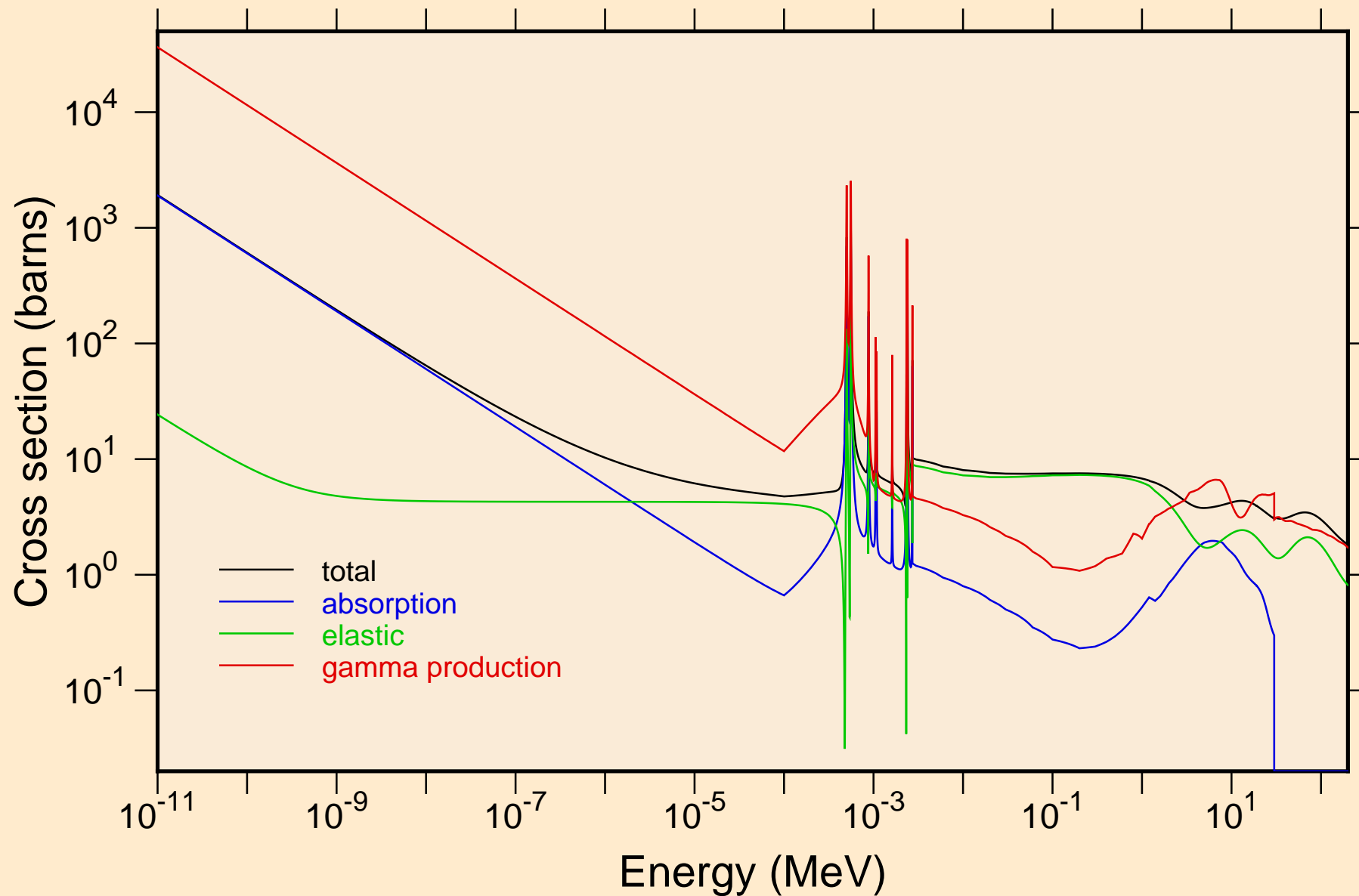


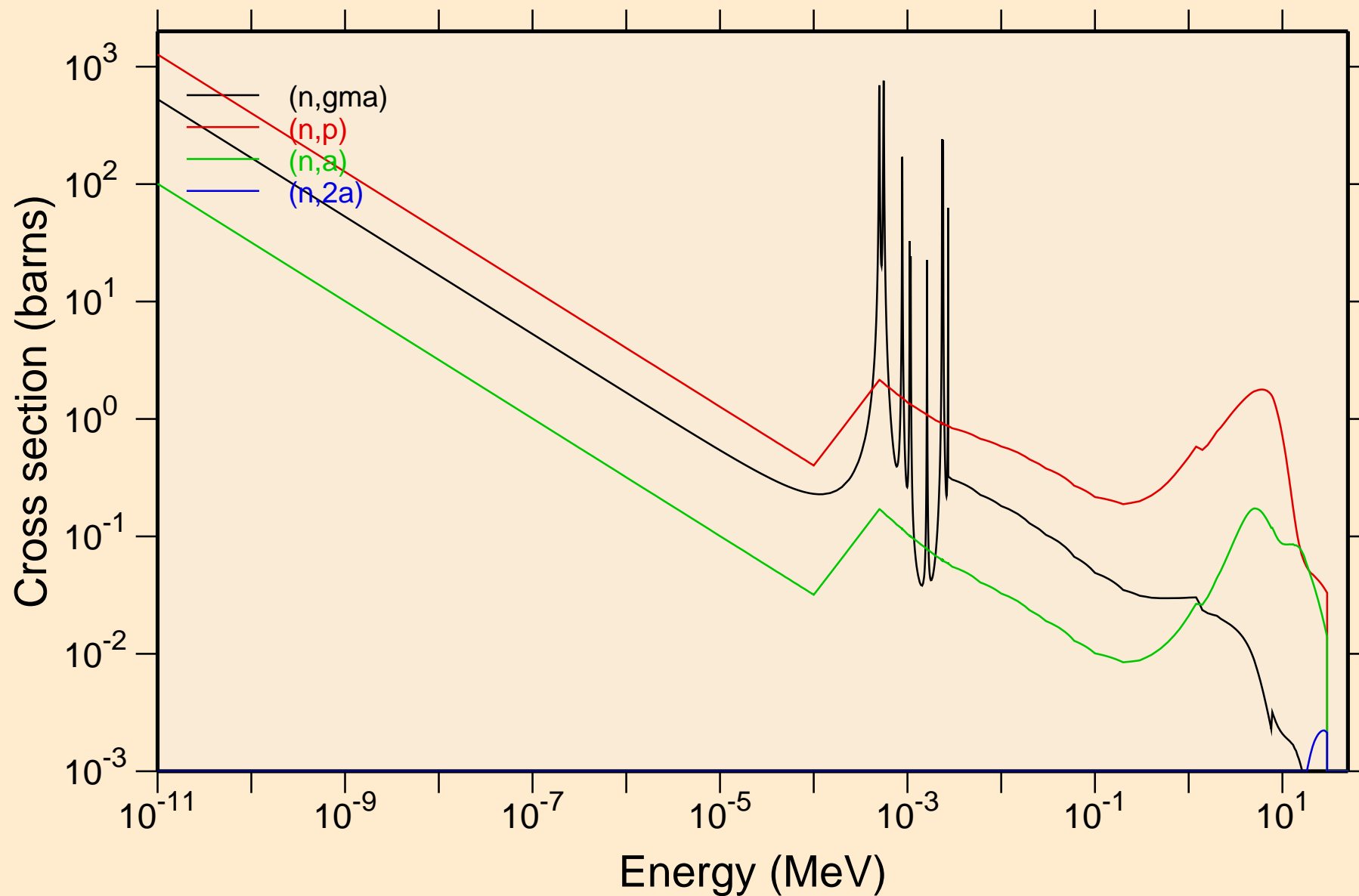
# SN106 NRG TENDL-2015, AKONING

## Principal cross sections



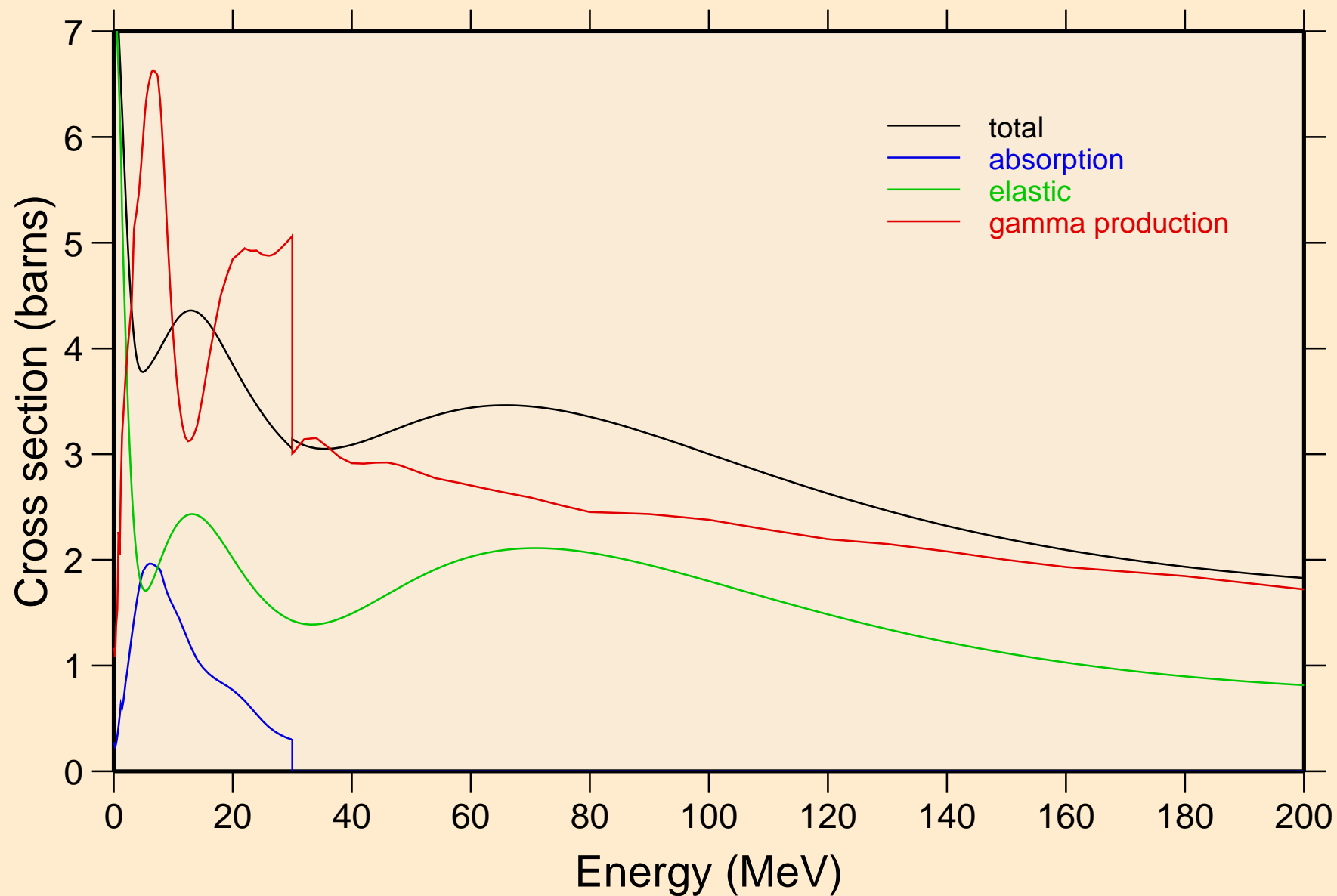
# SN106 NRG TENDL-2015, AKONING

Non-threshold reactions



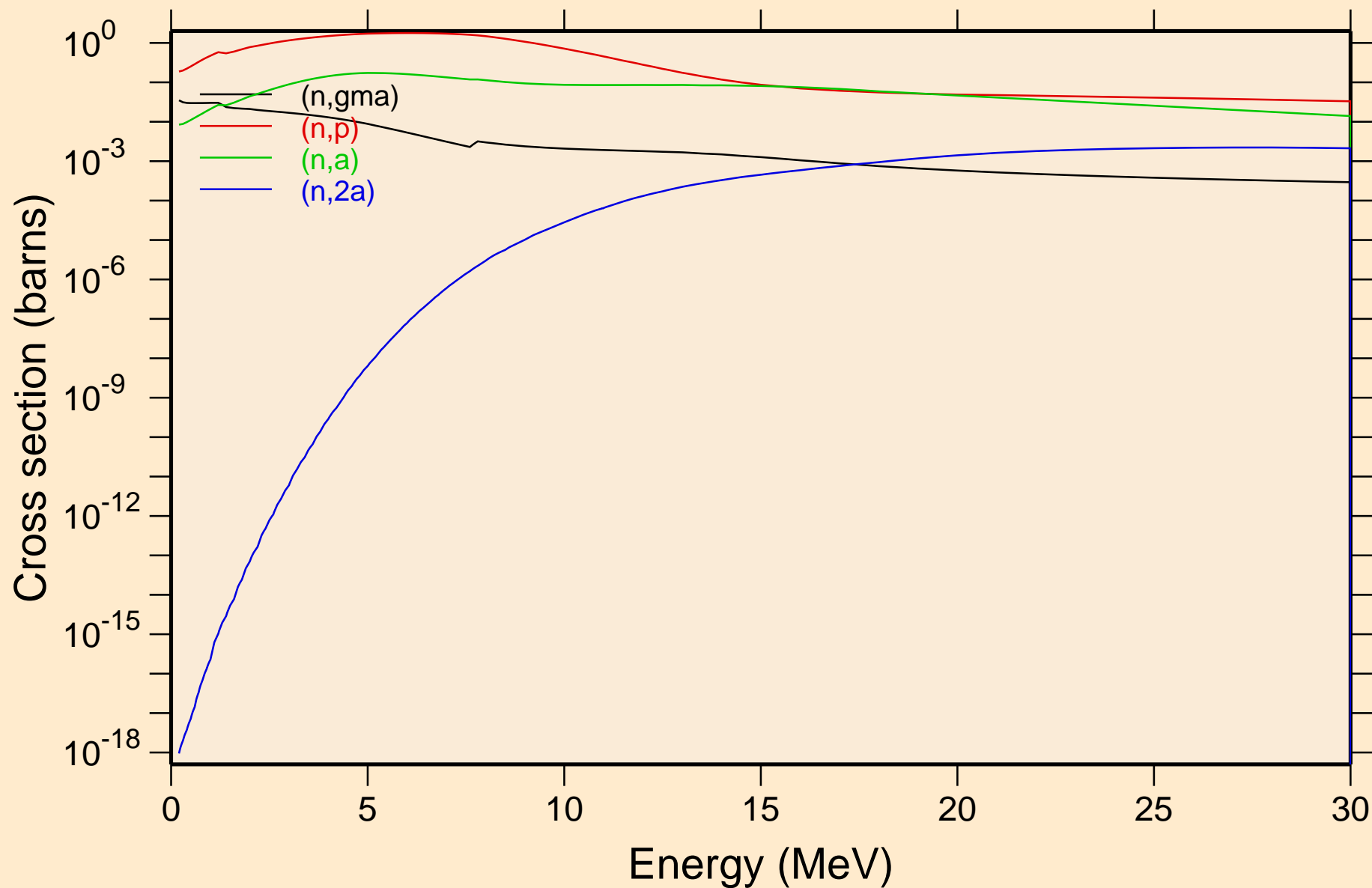
# SN106 NRG TENDL-2015, AKONING

## Principal cross sections



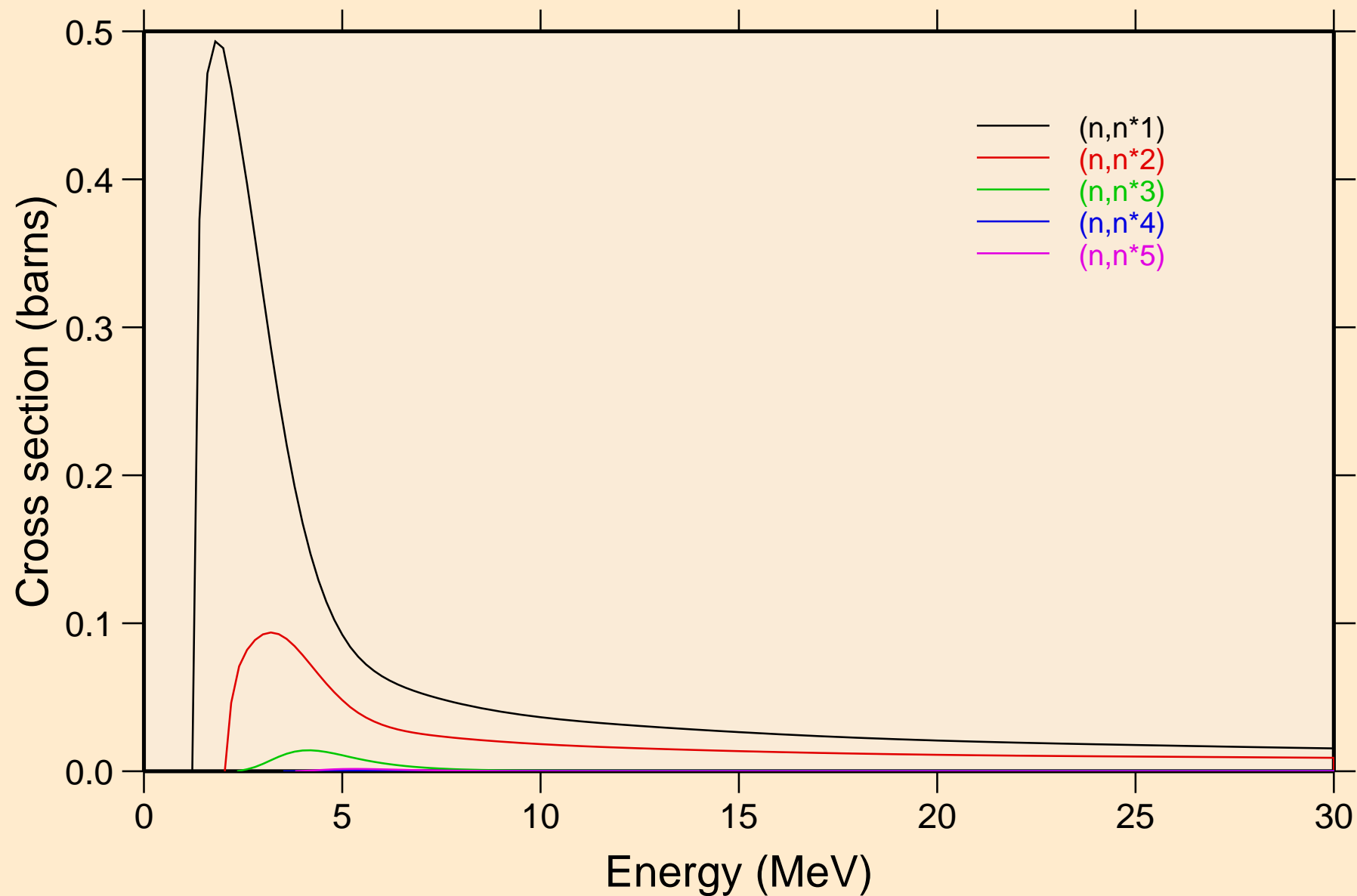
# SN106 NRG TENDL-2015, AKONING

Non-threshold reactions



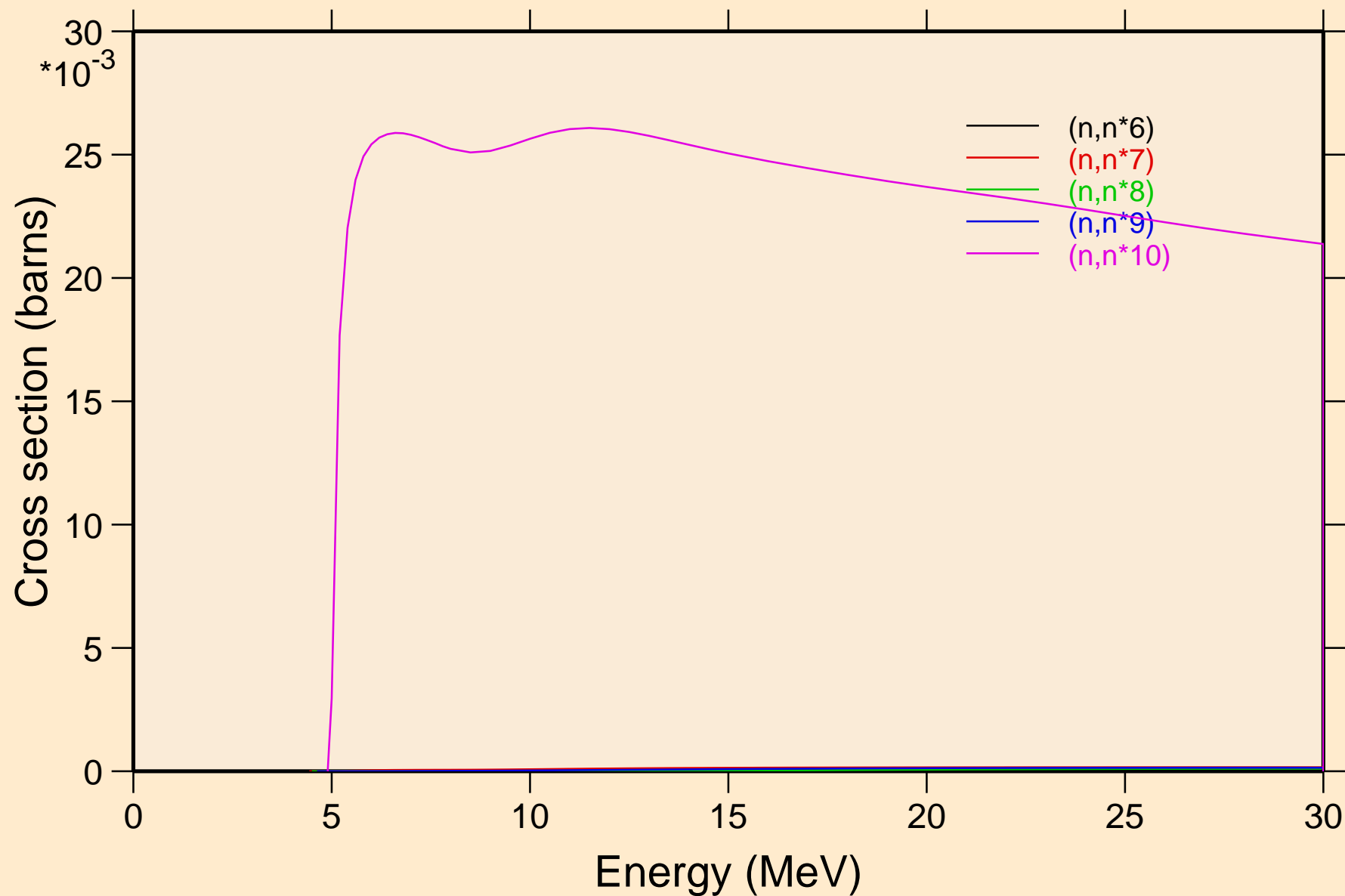
# SN106 NRG TENDL-2015, AKONING

## Inelastic levels



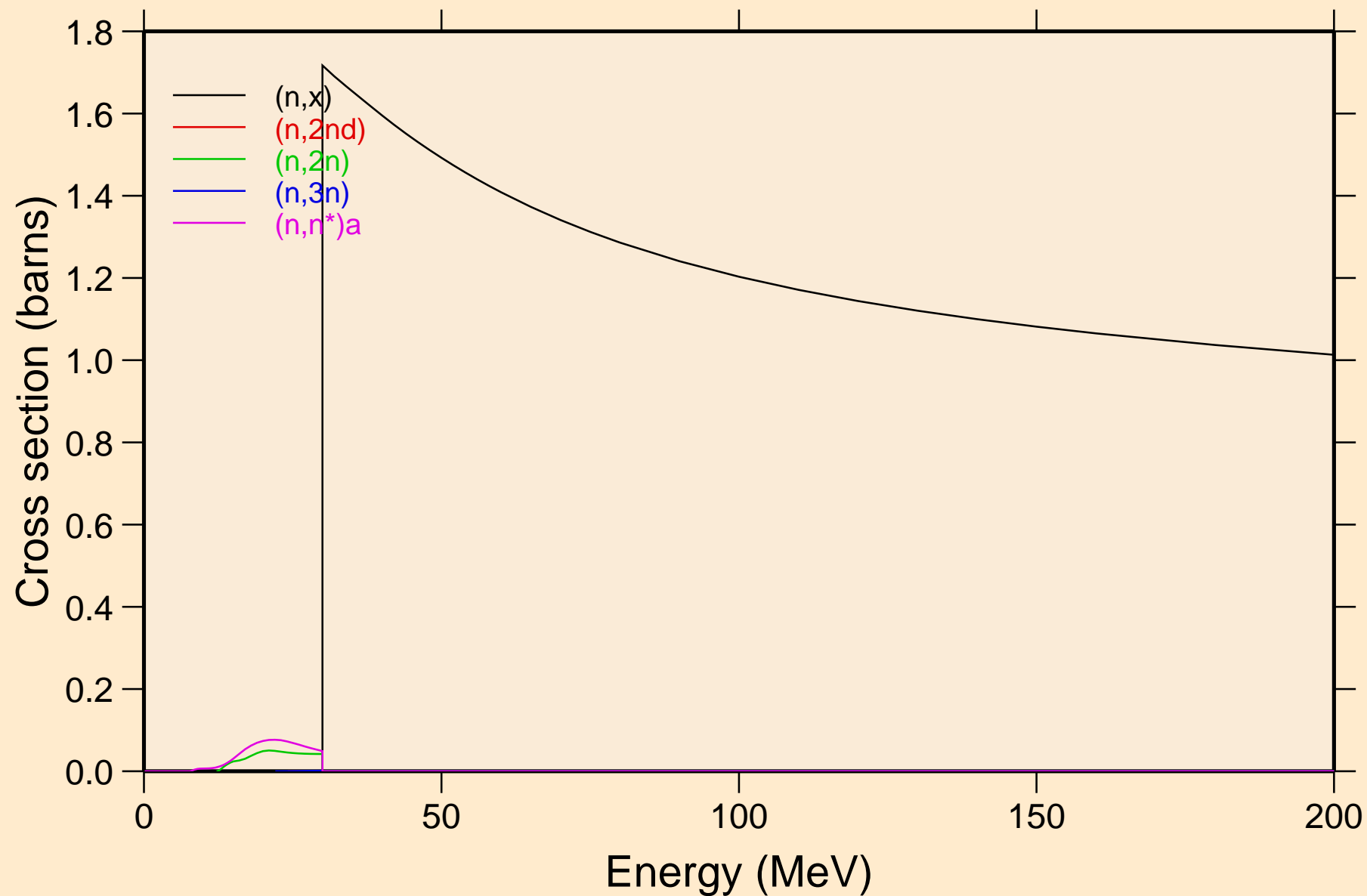
# SN106 NRG TENDL-2015, AKONING

Inelastic levels



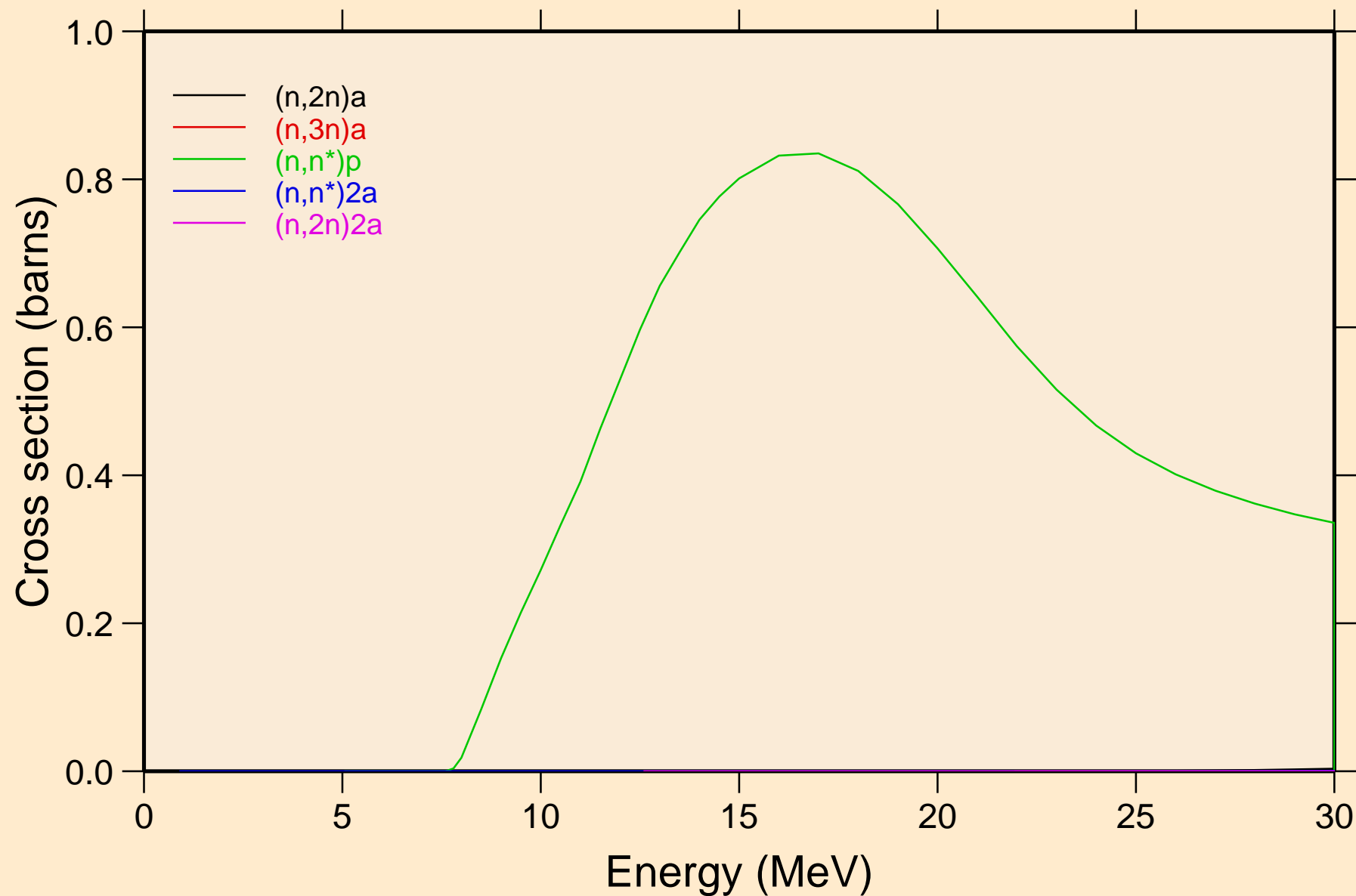
# SN106 NRG TENDL-2015, AKONING

## Threshold reactions



# SN106 NRG TENDL-2015, AKONING

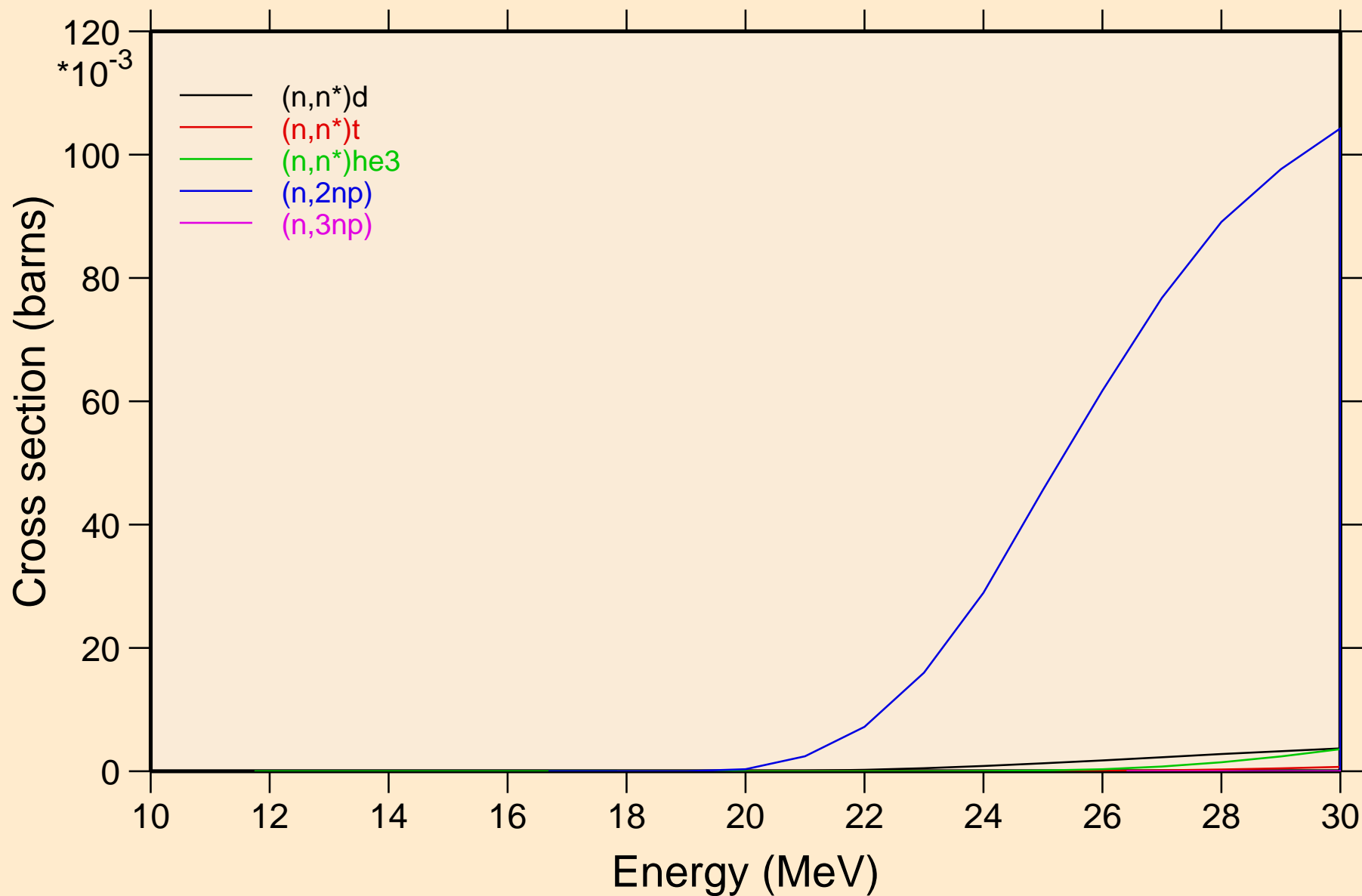
## Threshold reactions





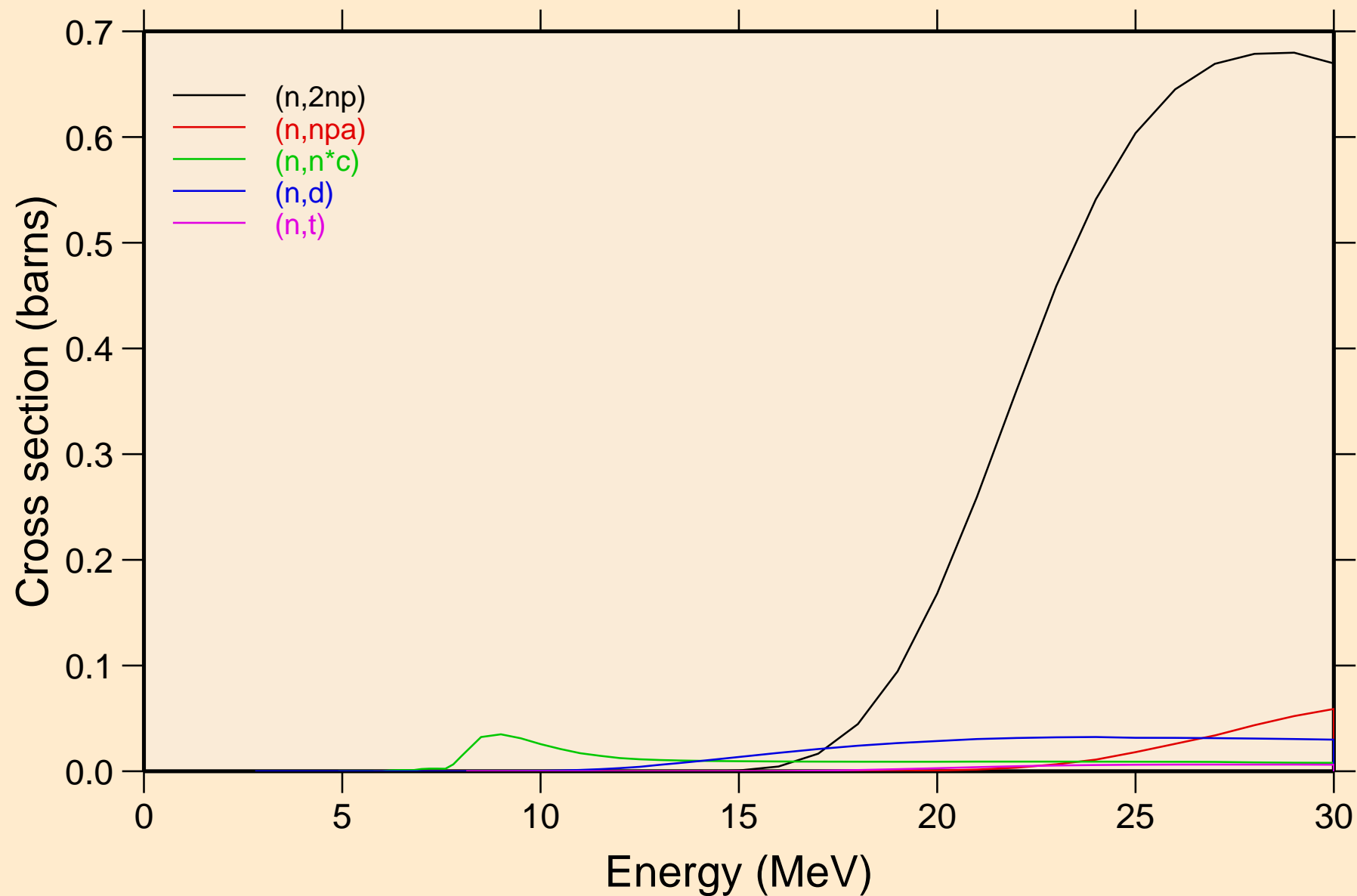
# SN106 NRG TENDL-2015, AKONING

## Threshold reactions



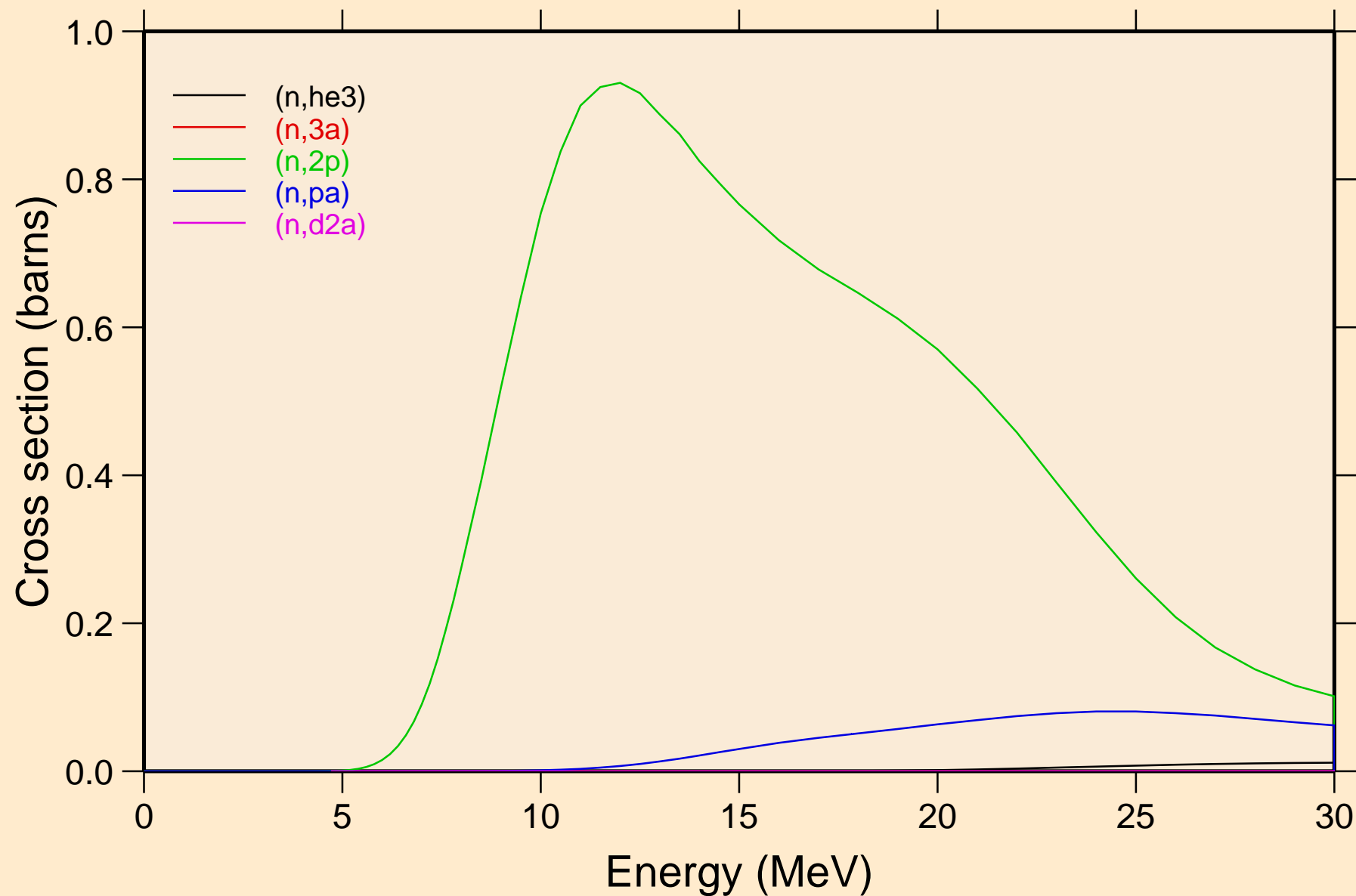
# SN106 NRG TENDL-2015, AKONING

## Threshold reactions



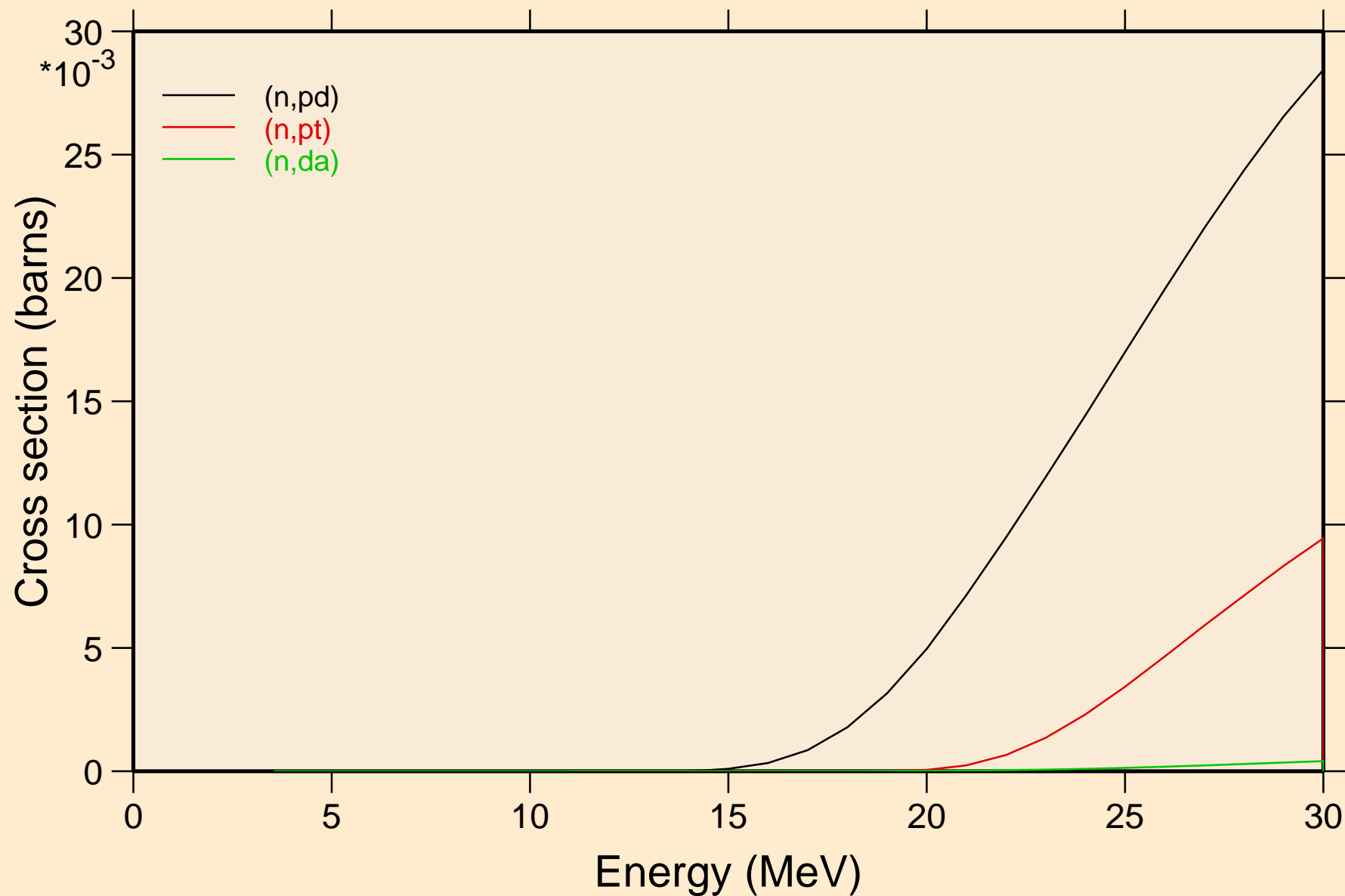
# SN106 NRG TENDL-2015, AKONING

## Threshold reactions

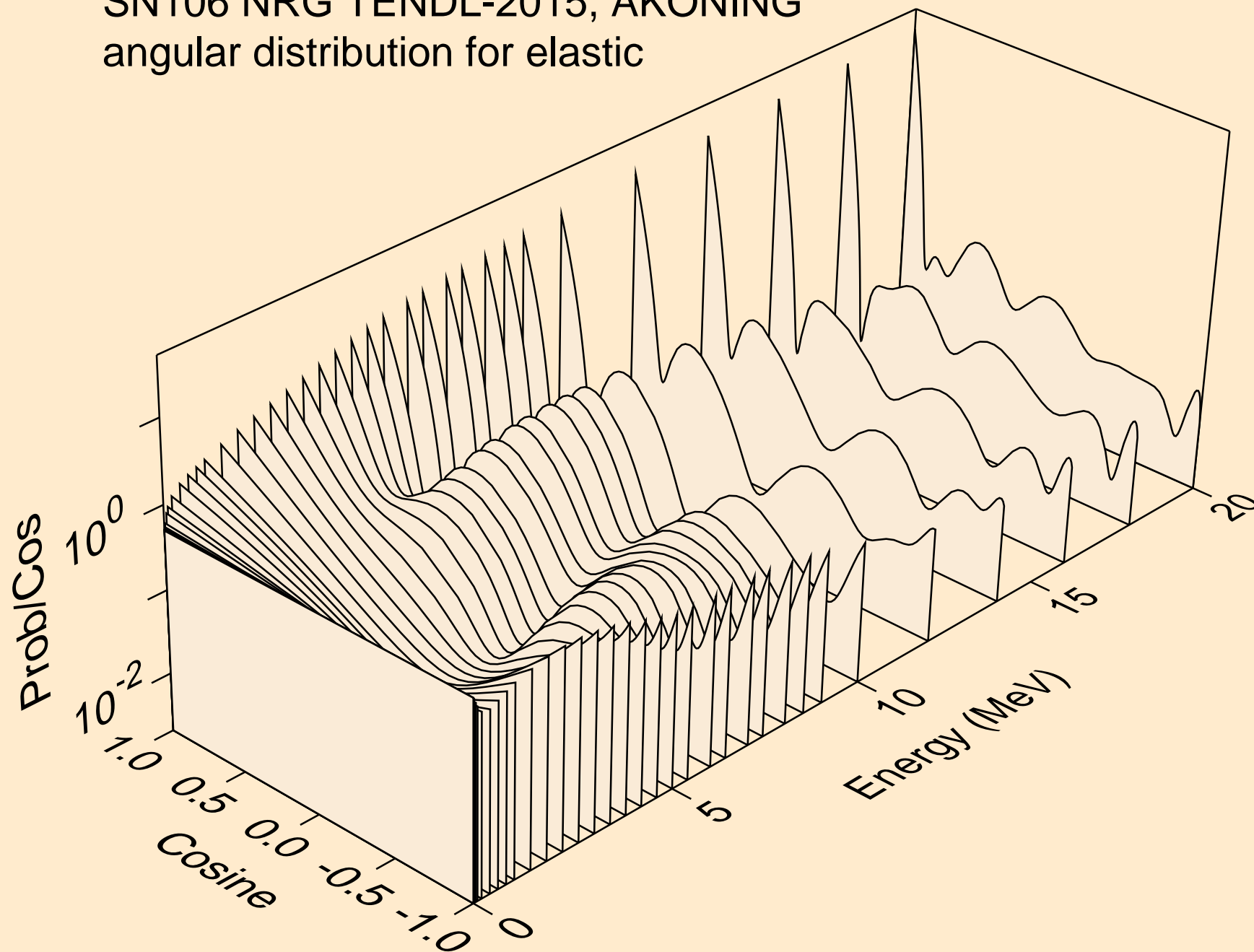


# SN106 NRG TENDL-2015, AKONING

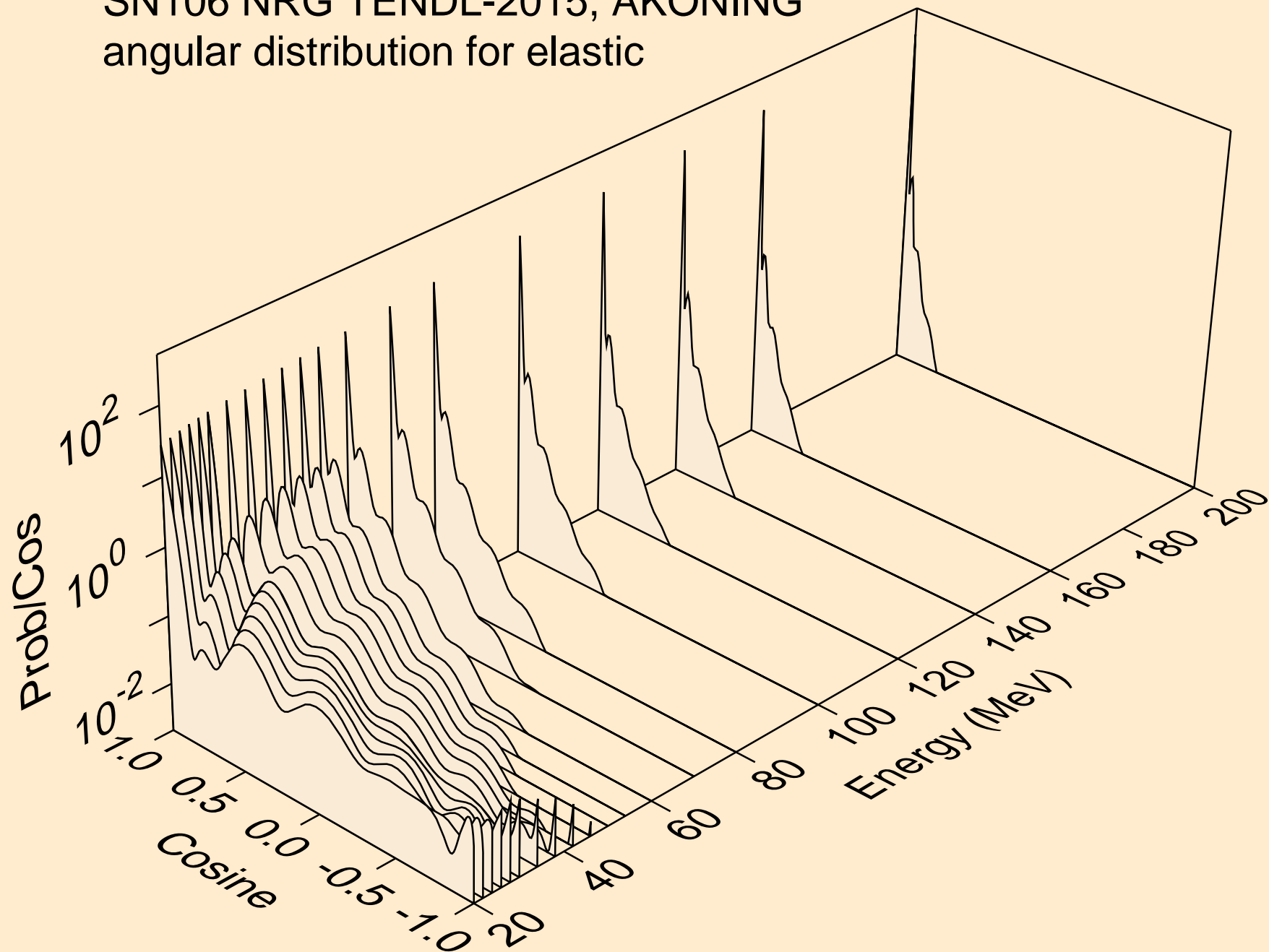
## Threshold reactions



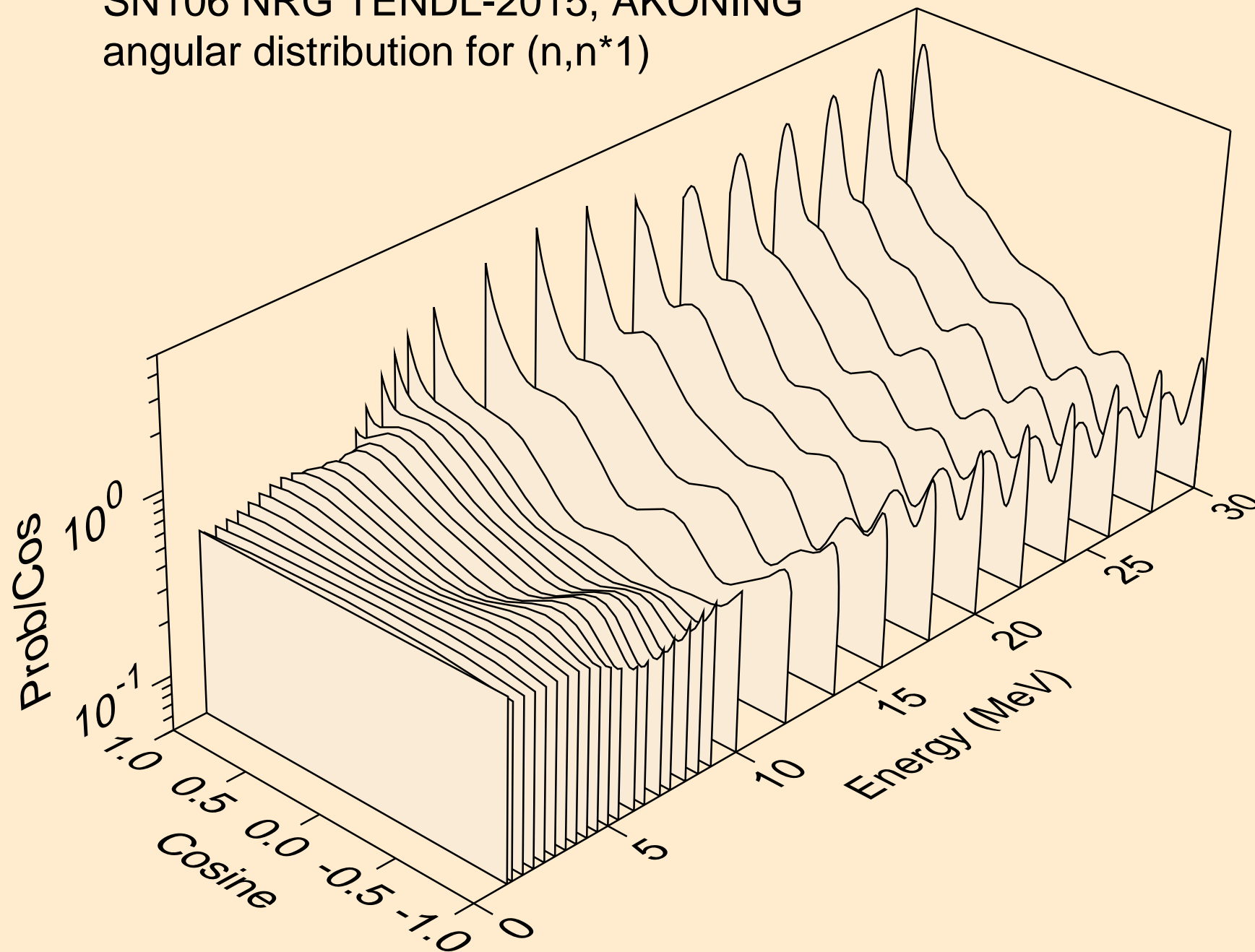
SN106 NRG TENDL-2015, AKONING  
angular distribution for elastic



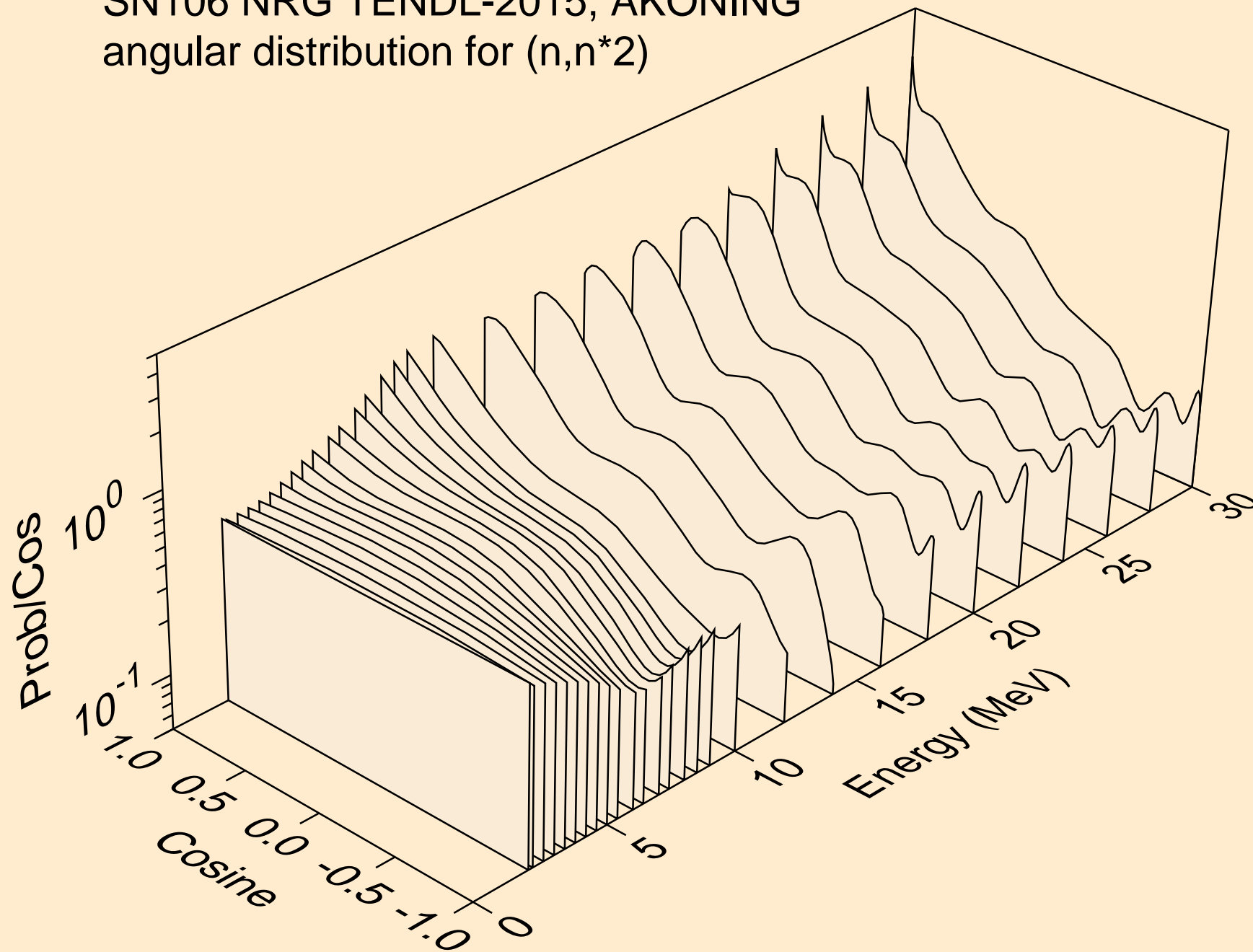
SN106 NRG TENDL-2015, AKONING  
angular distribution for elastic



SN106 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)

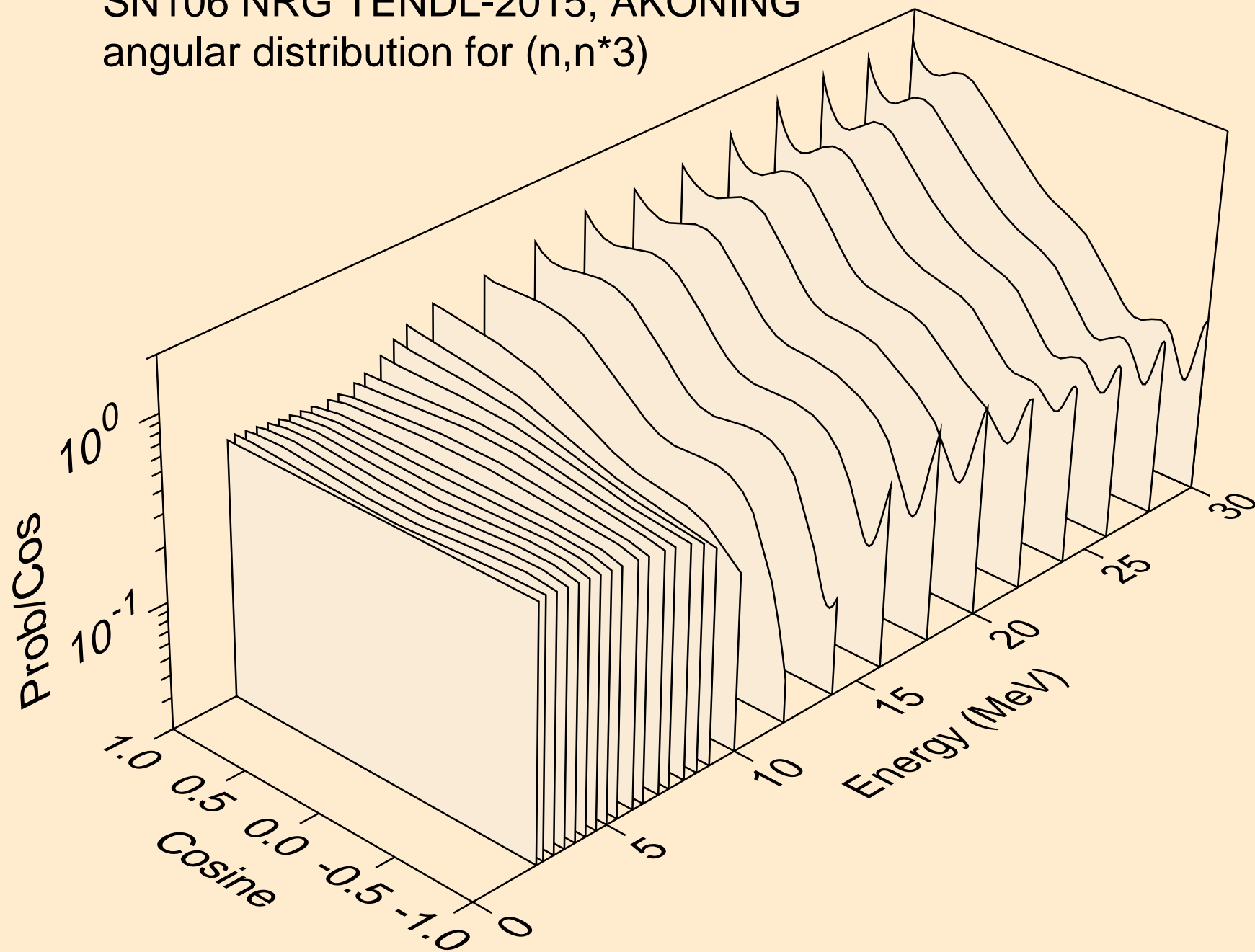


SN106 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)

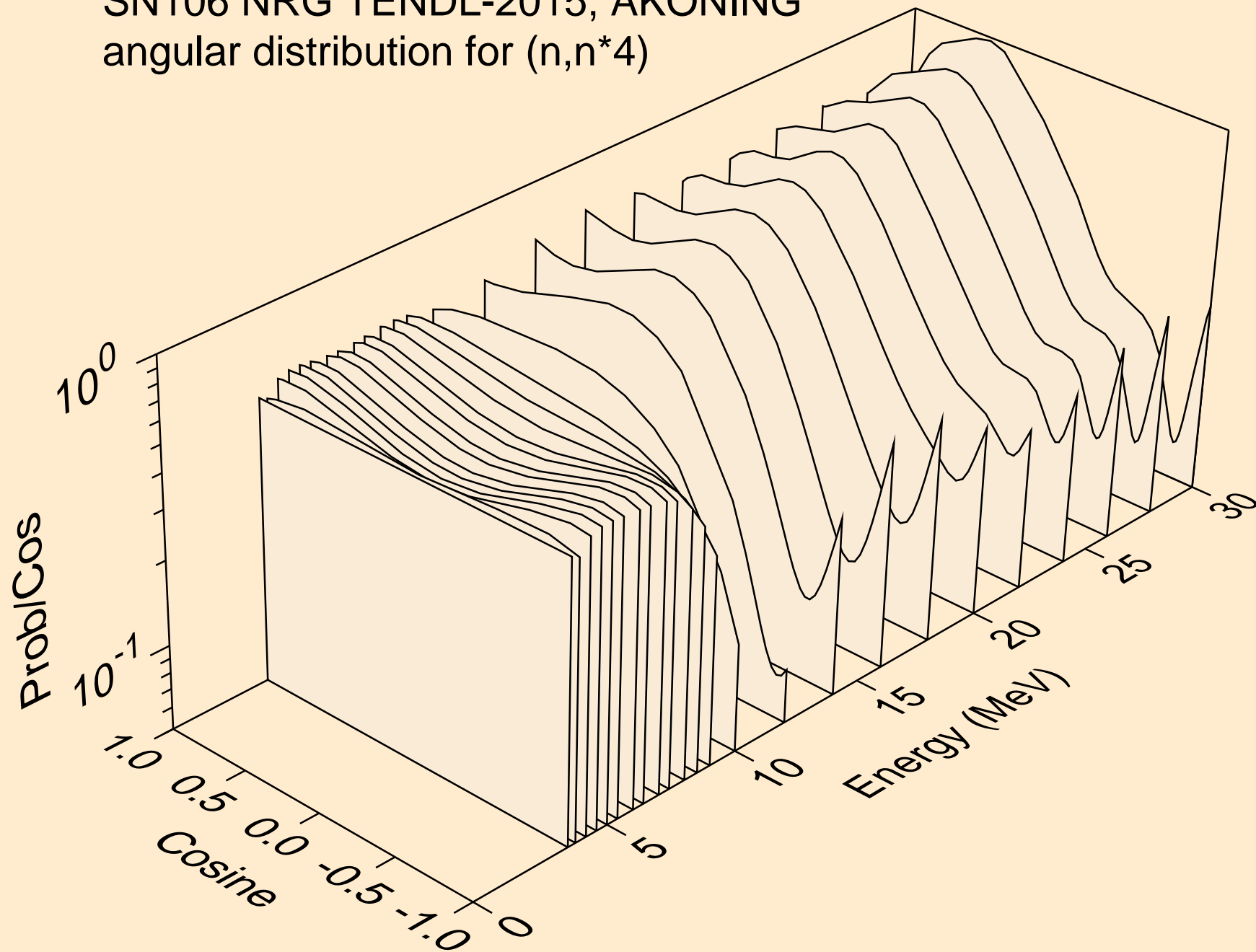




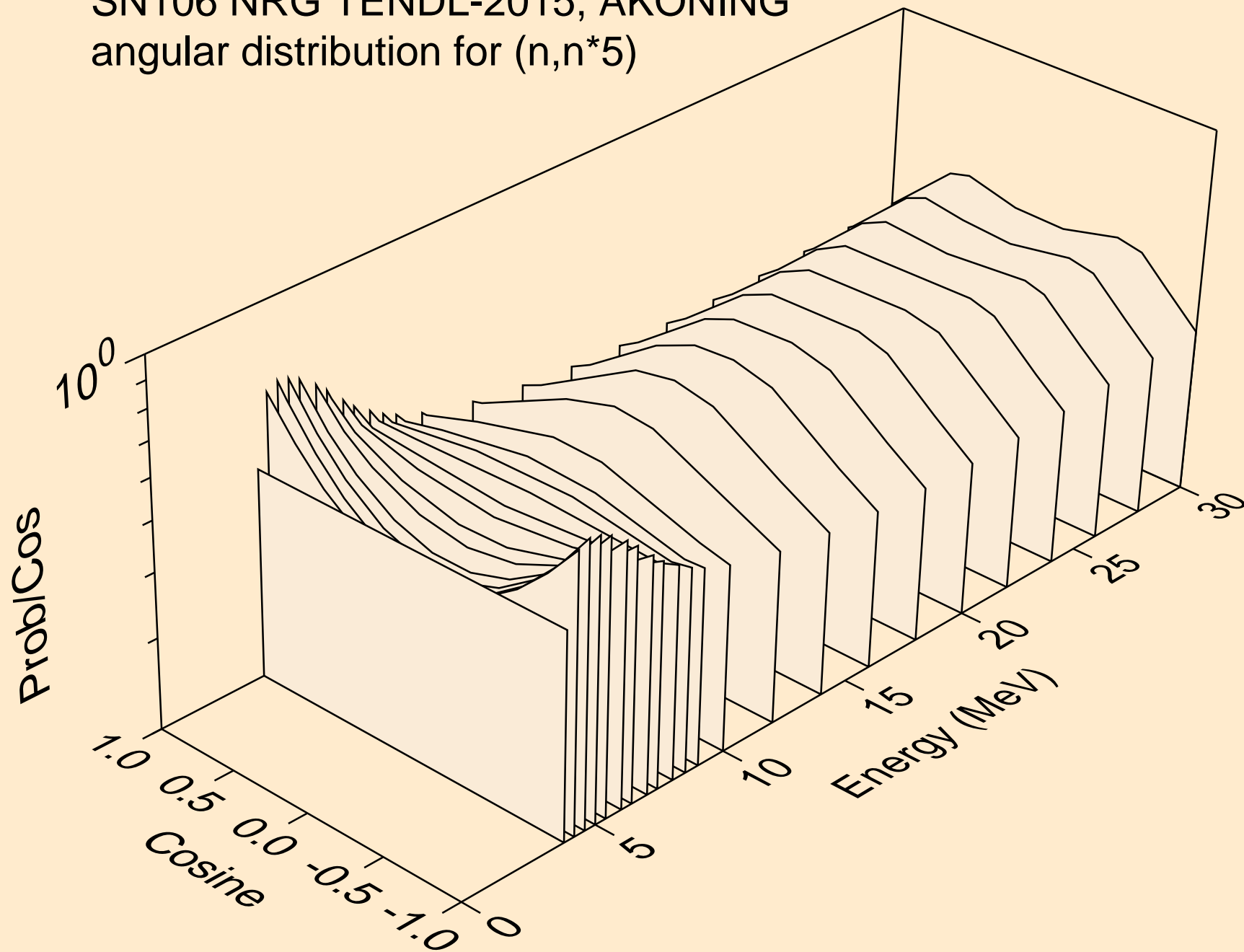
SN106 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



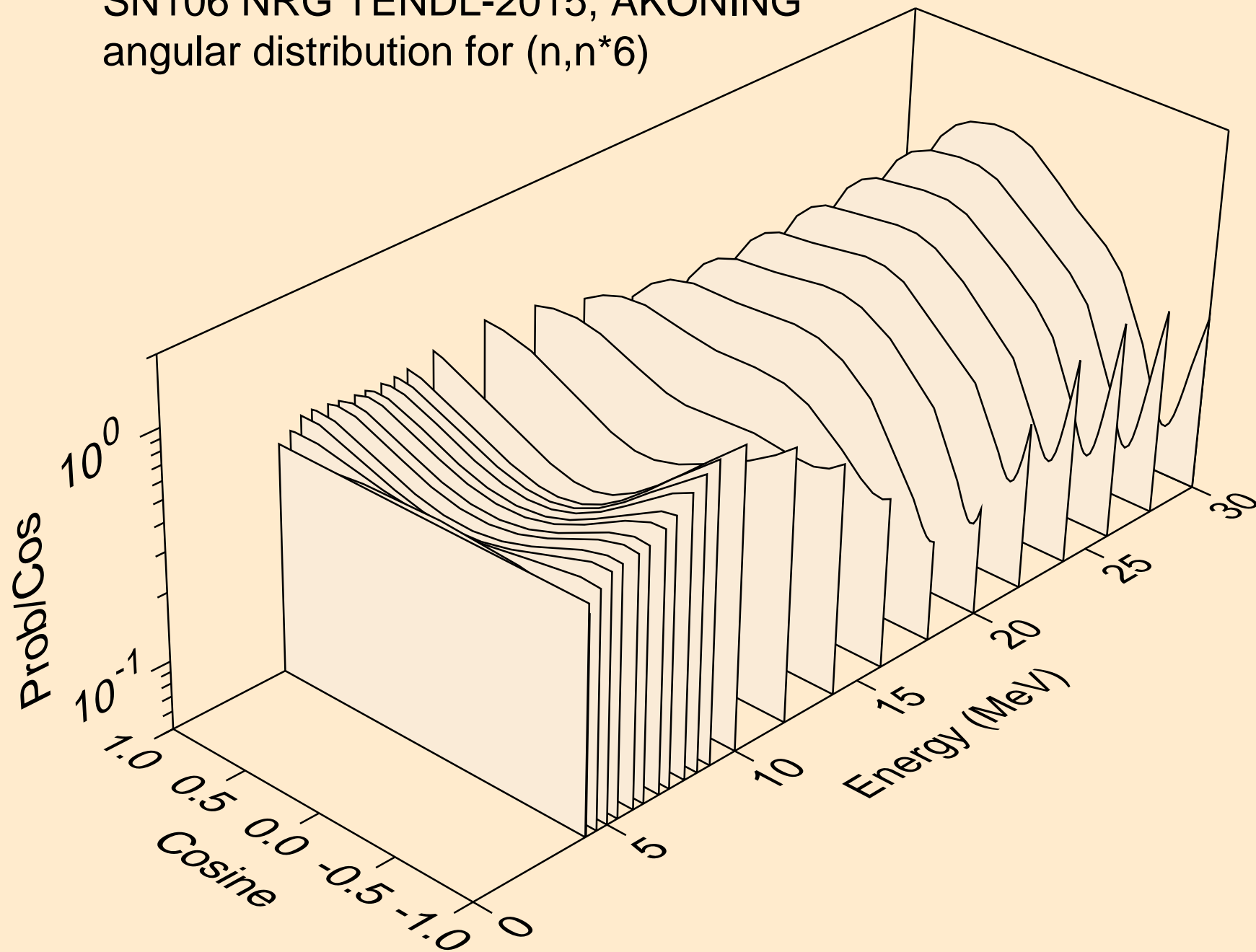
SN106 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



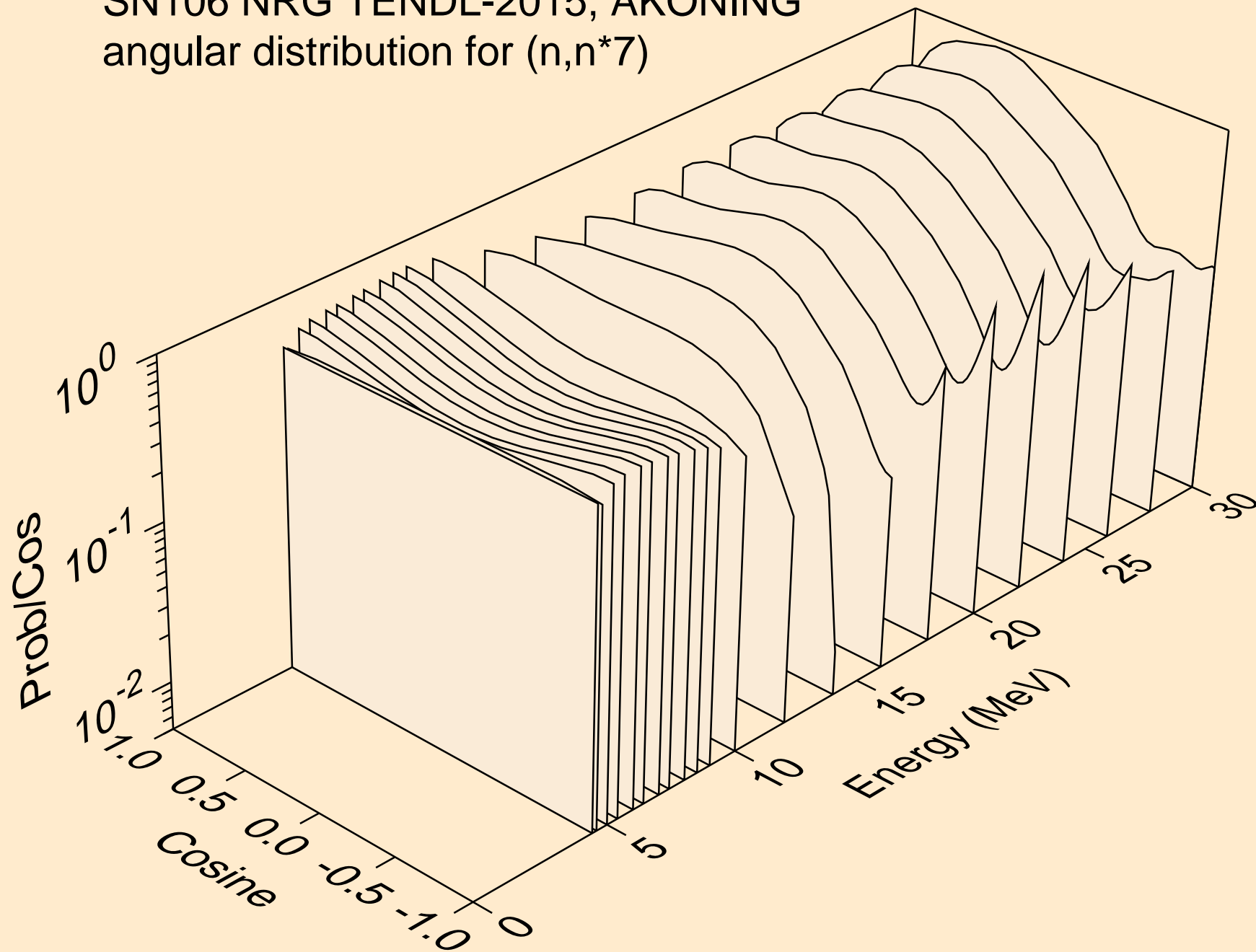
SN106 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



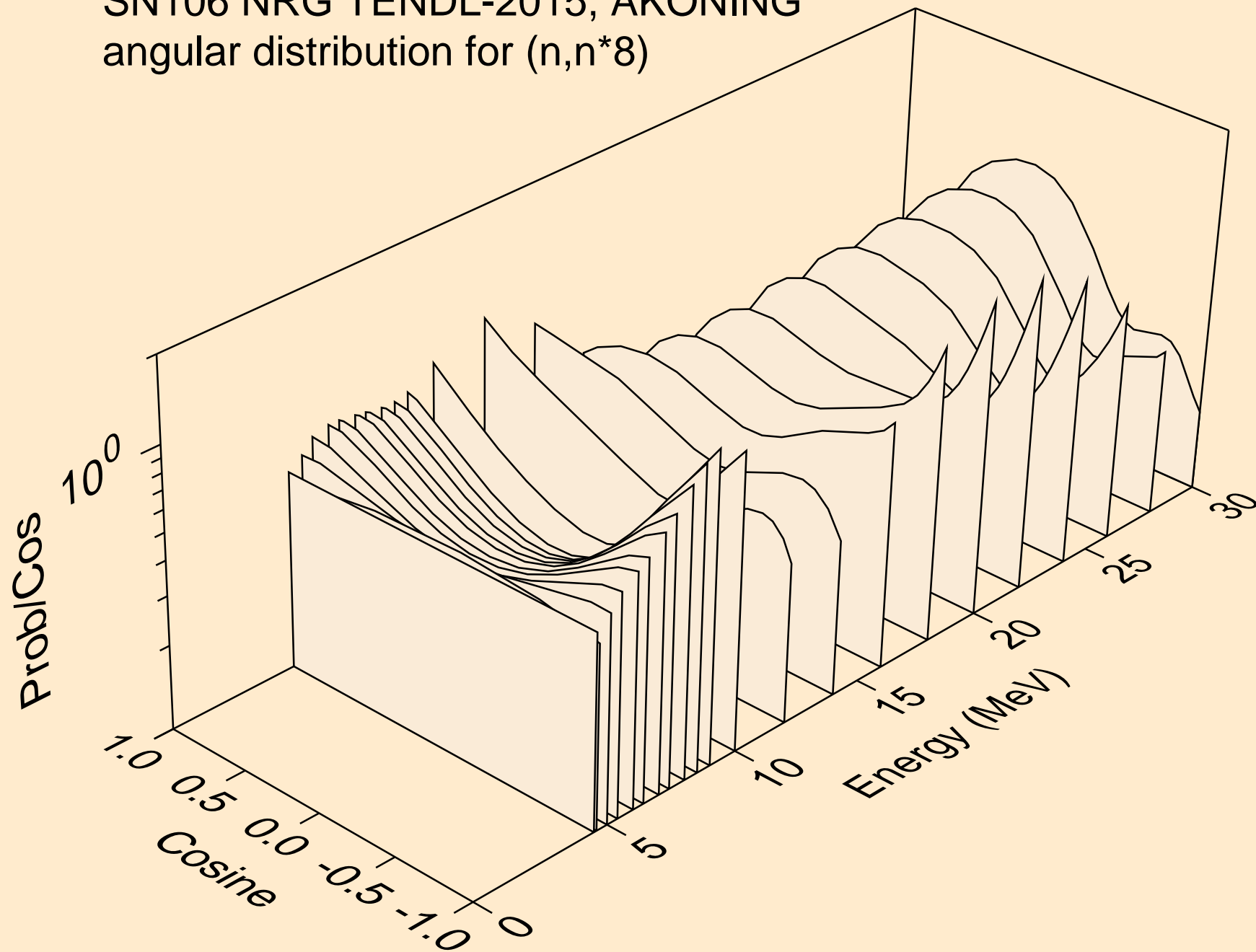
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angular distribution for (n,n\*6)



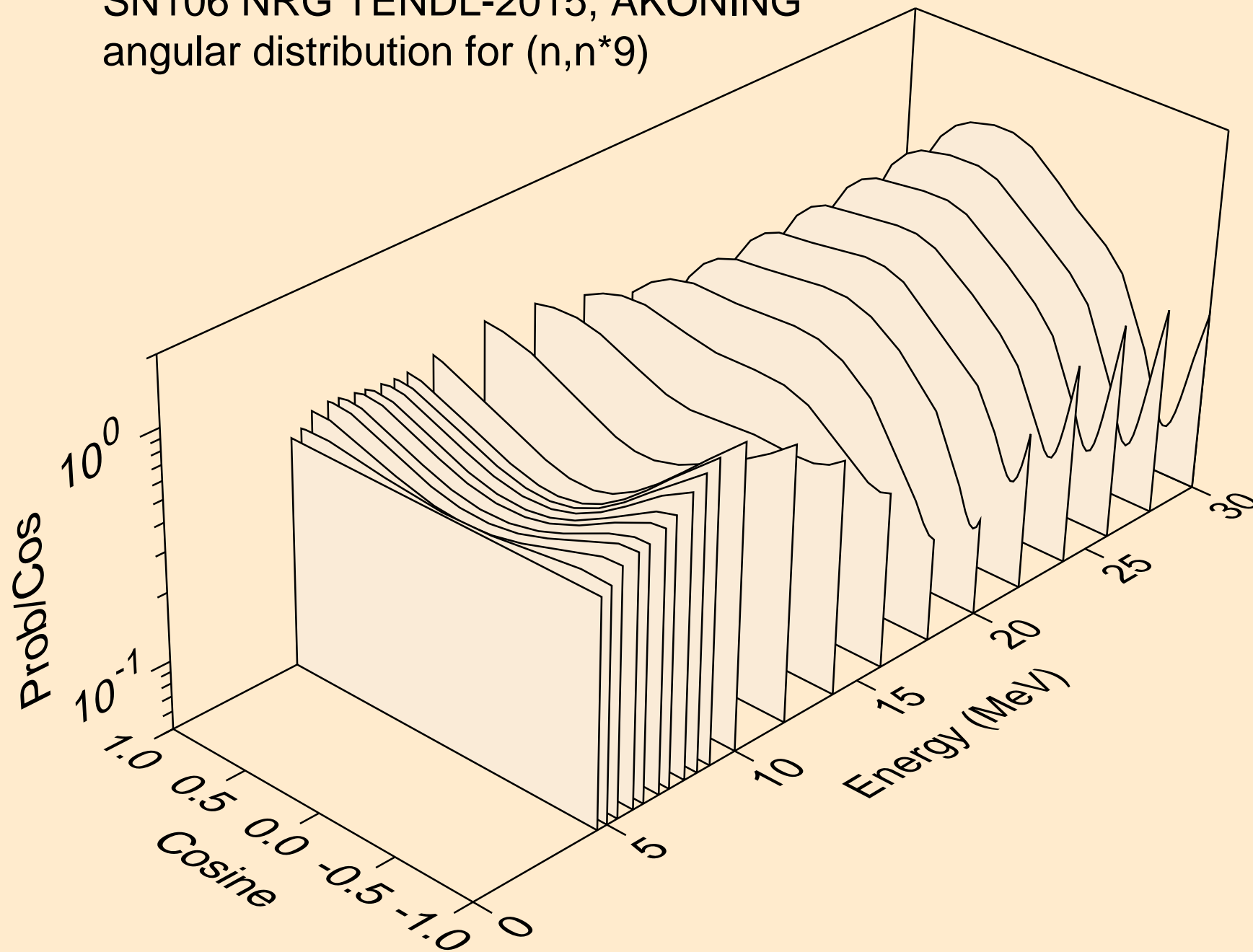
SN106 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



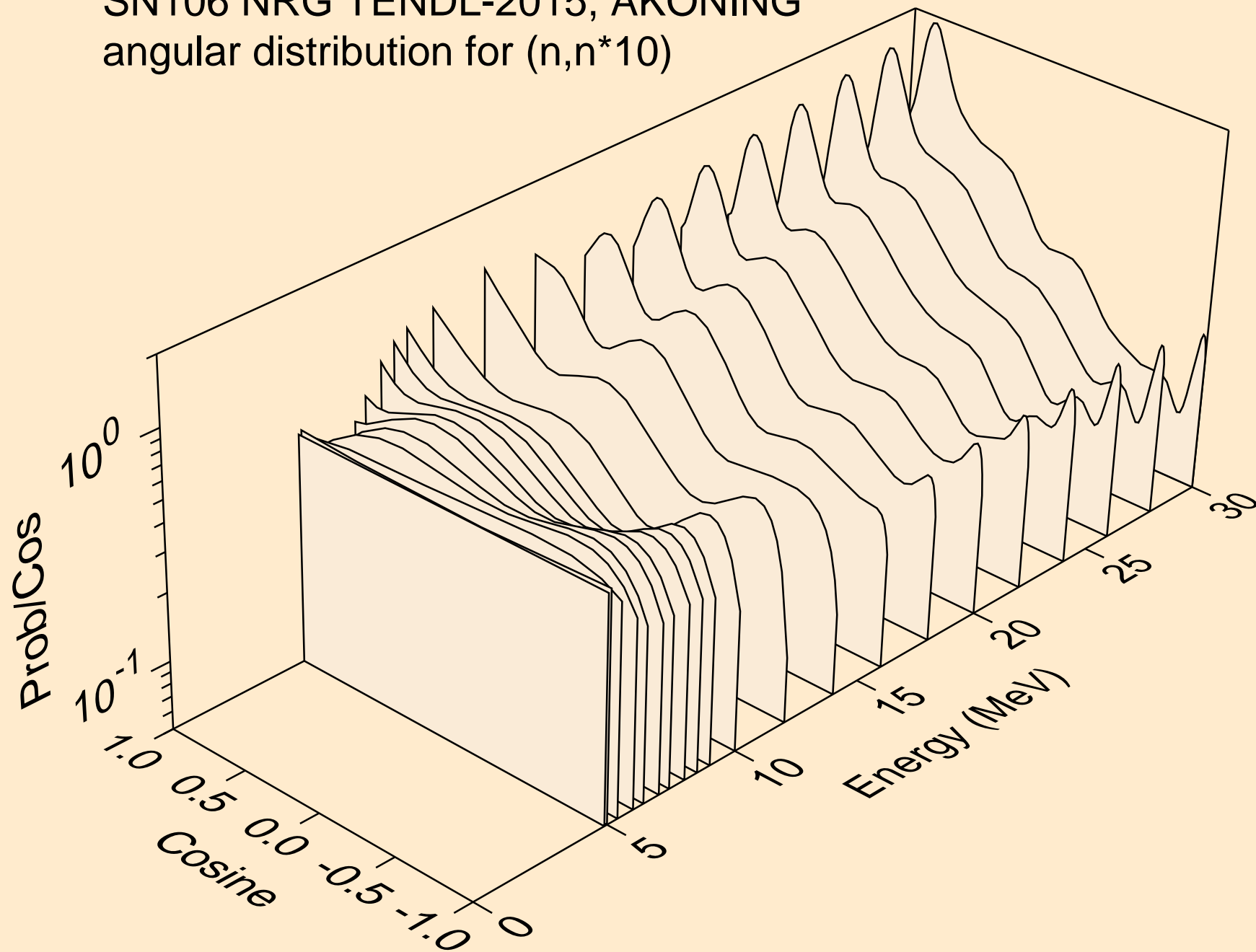
SN106 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



SN106 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)

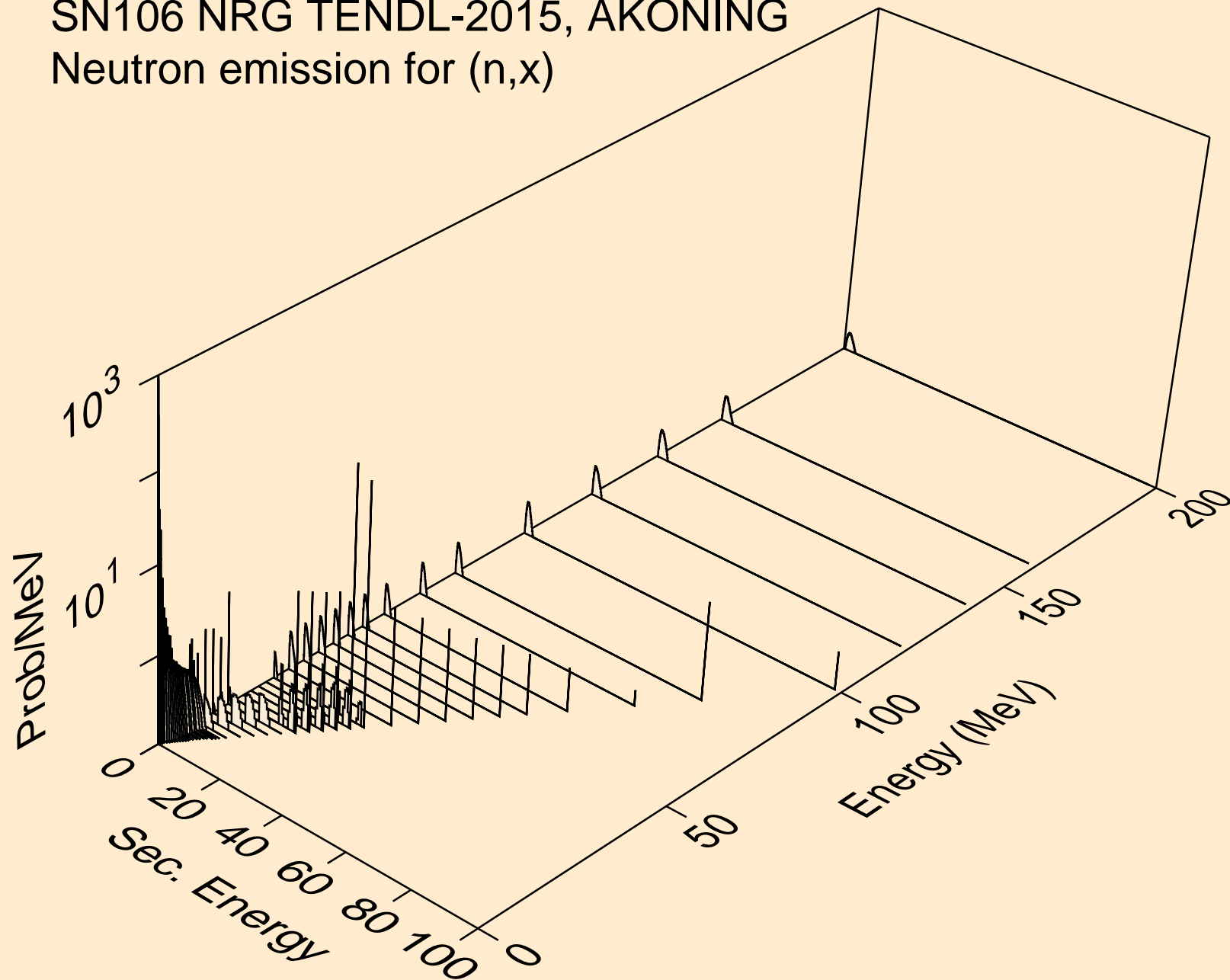


SN106 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)

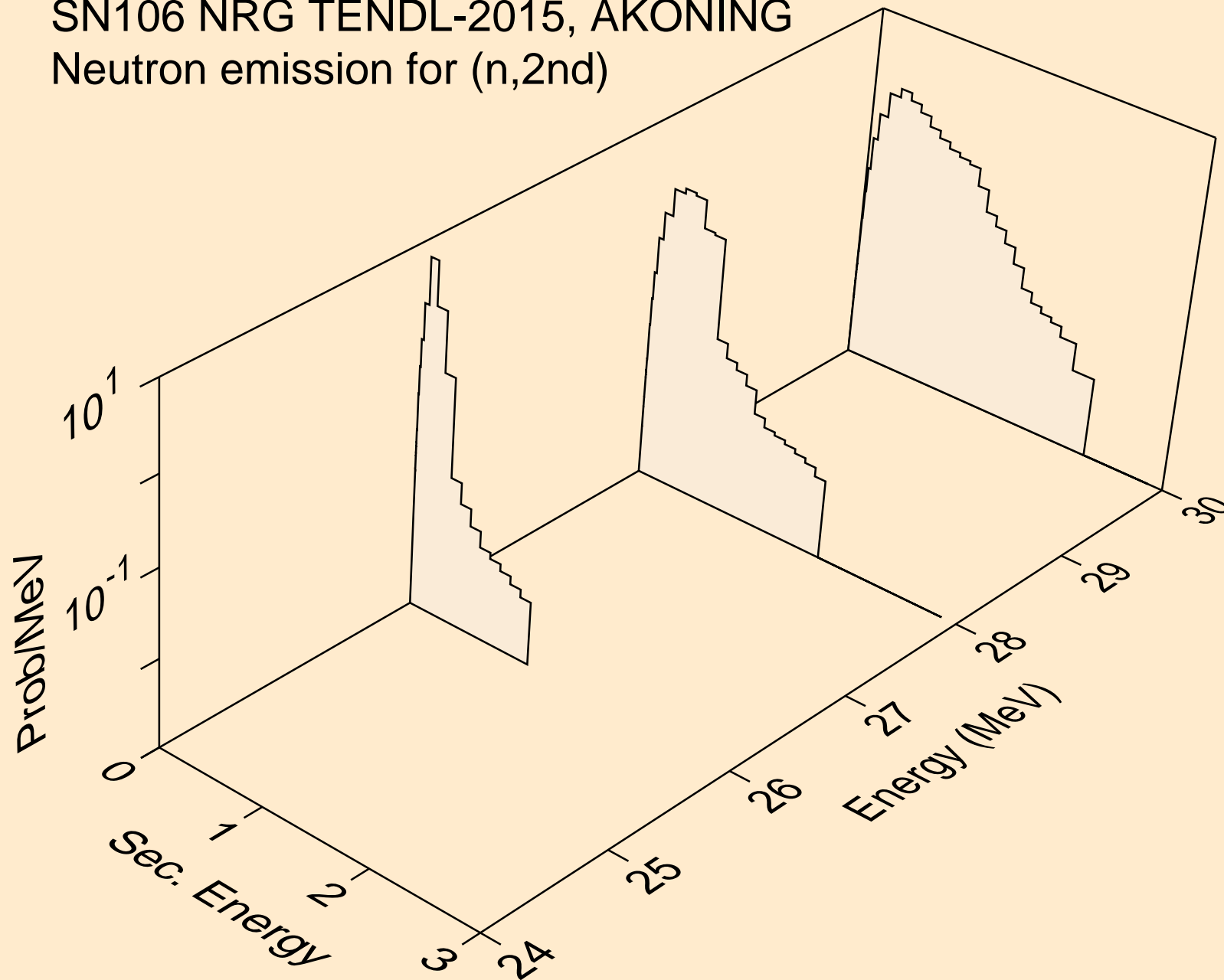




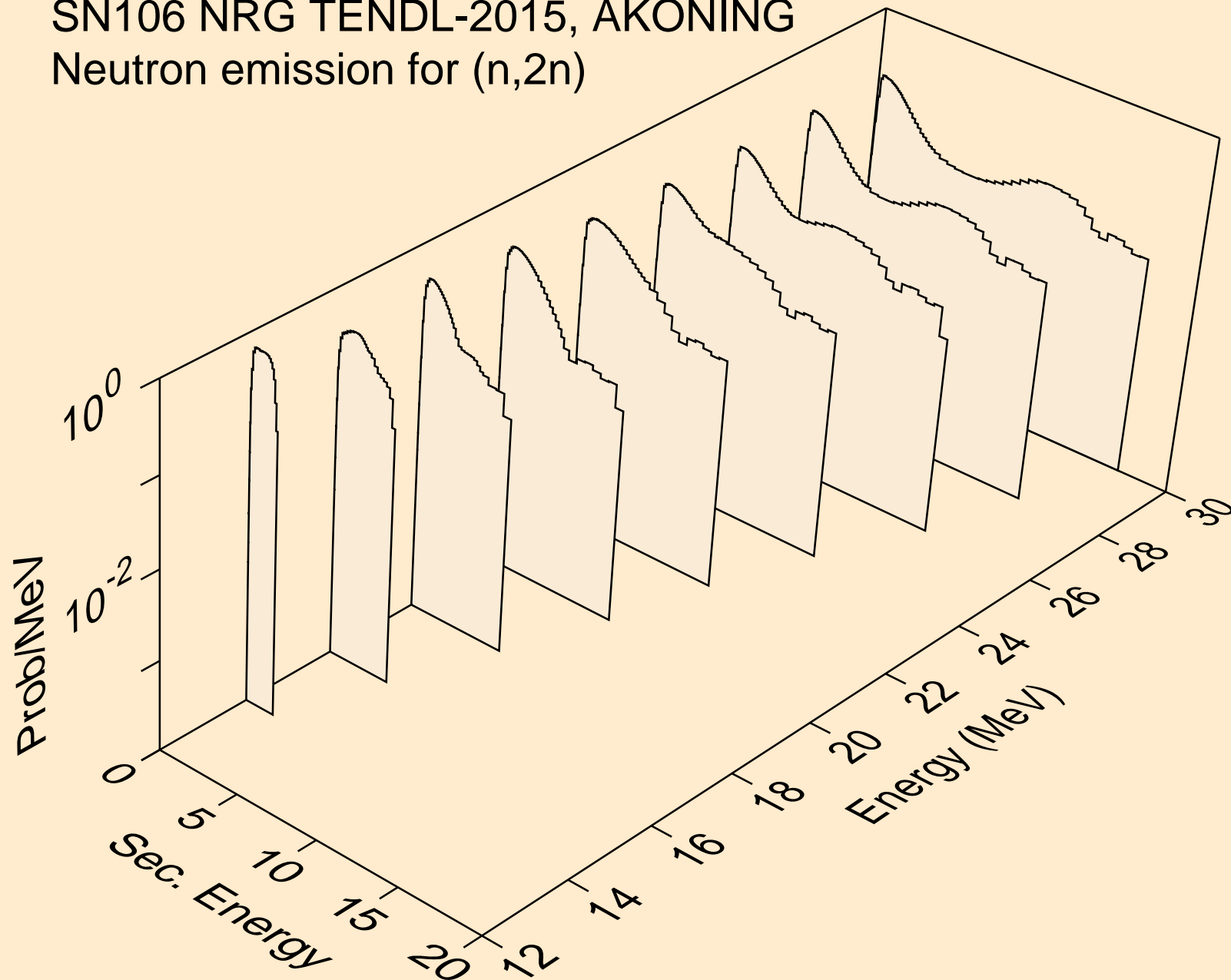
SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



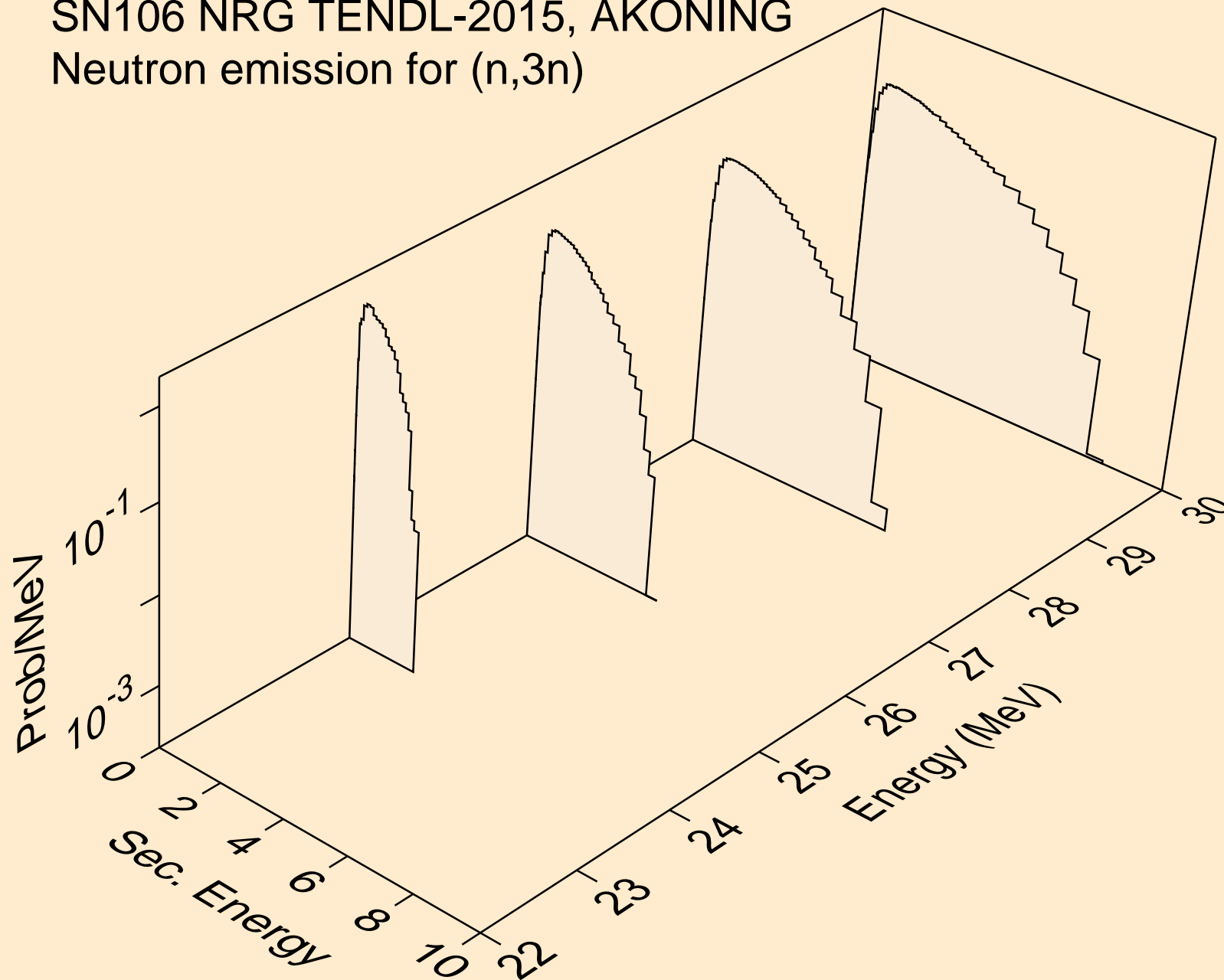
SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



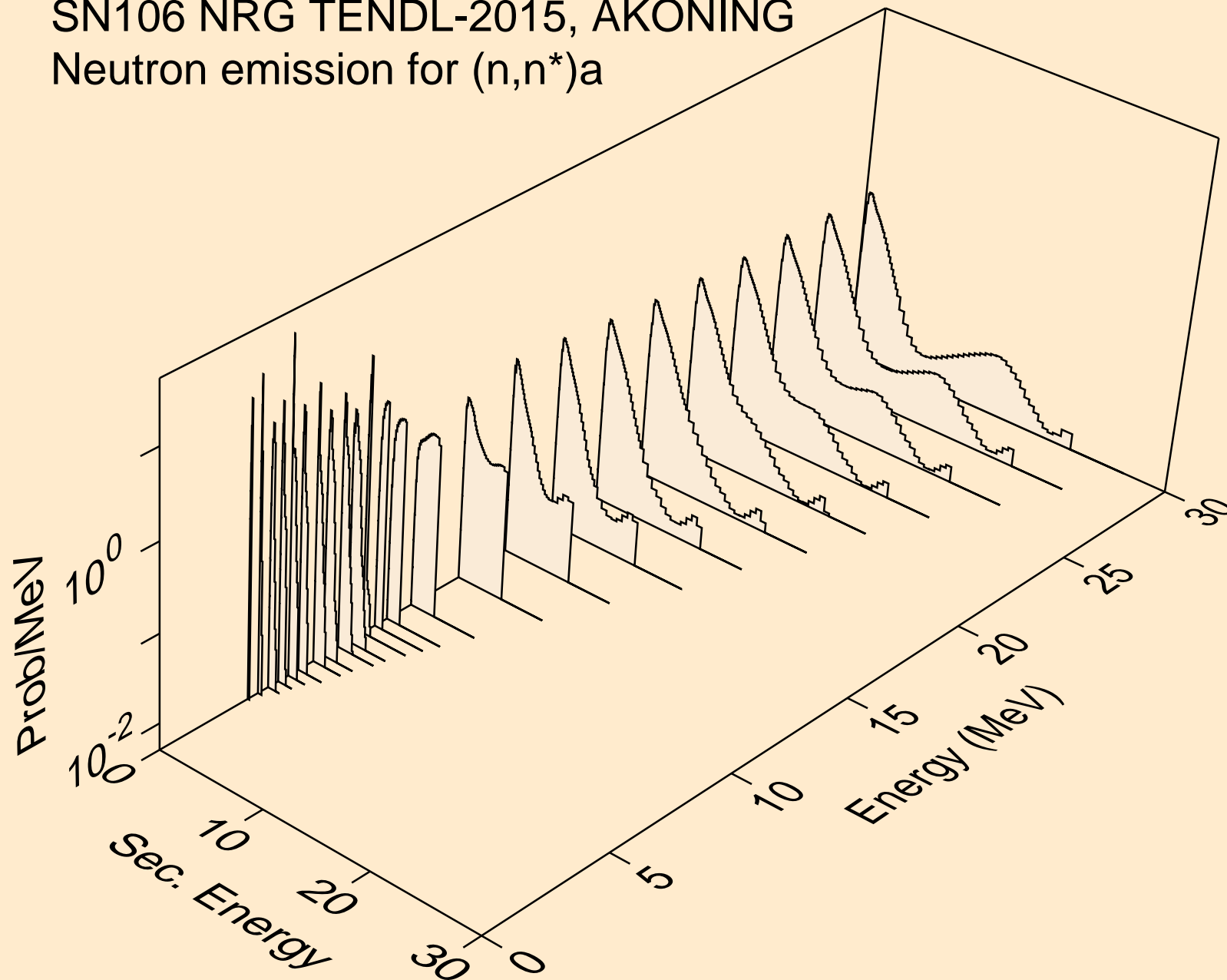
SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



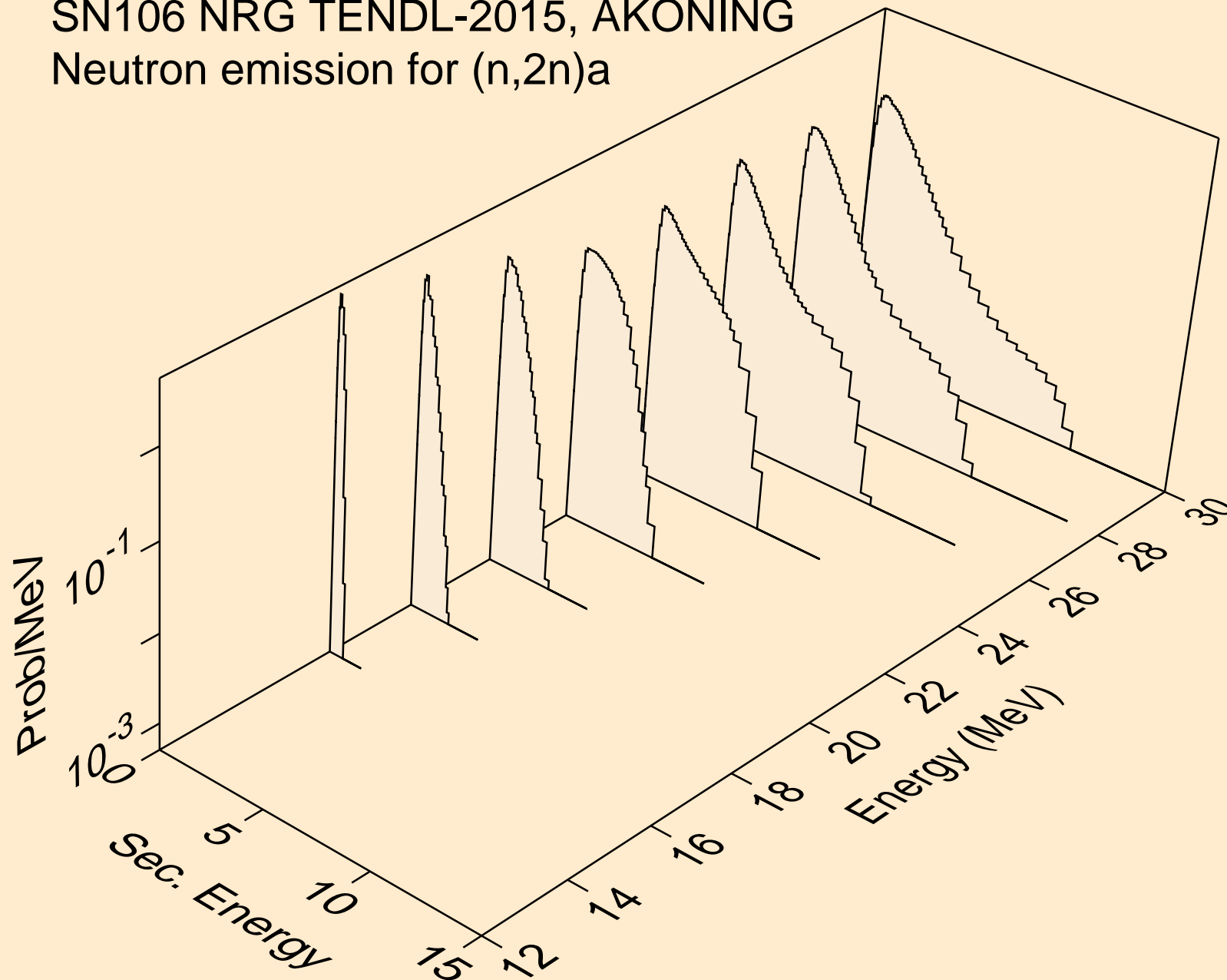
SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



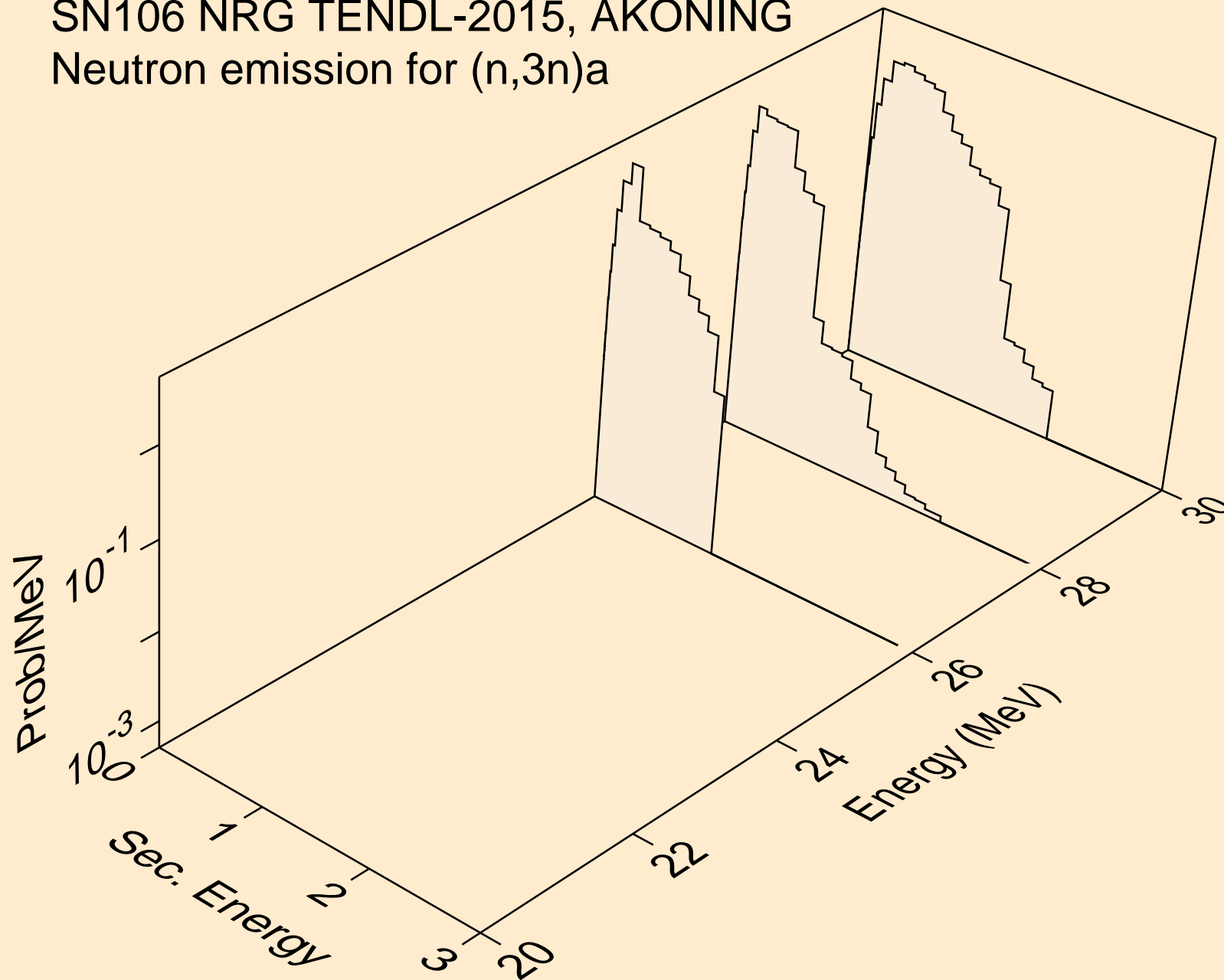
SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

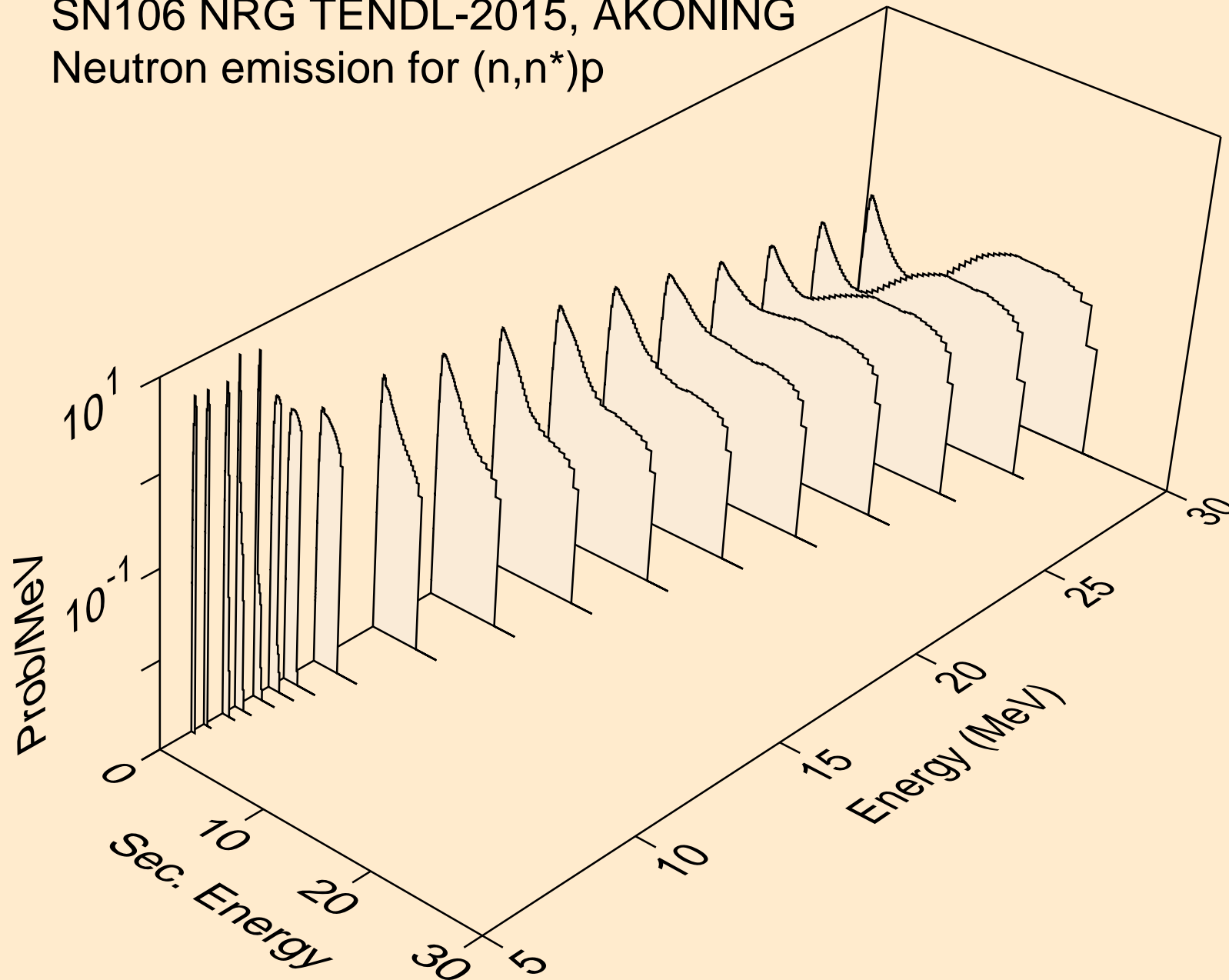


SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



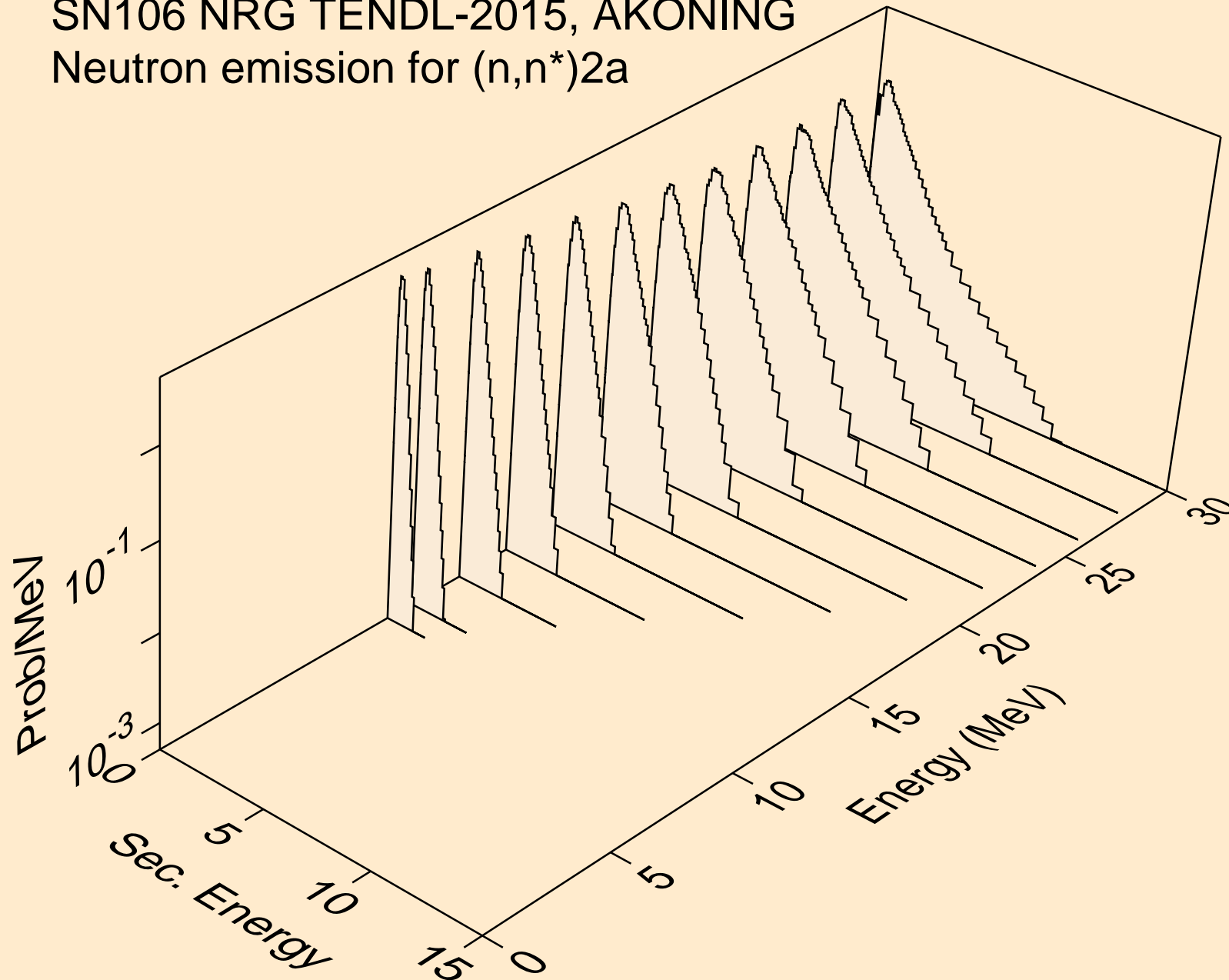
SN106 NRG TENDL-2015, AKONING

Neutron emission for  $(n,n^*)p$



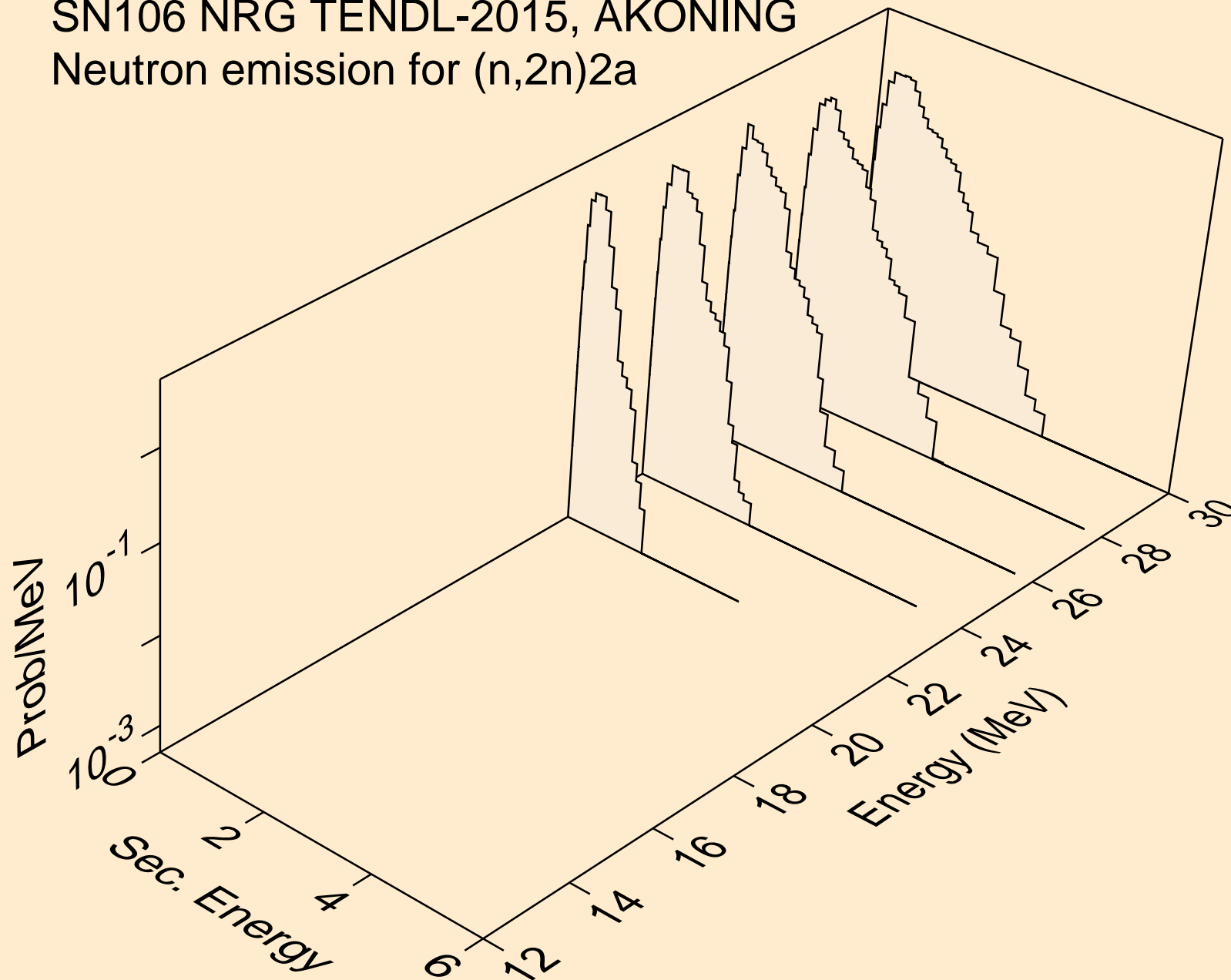


SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a

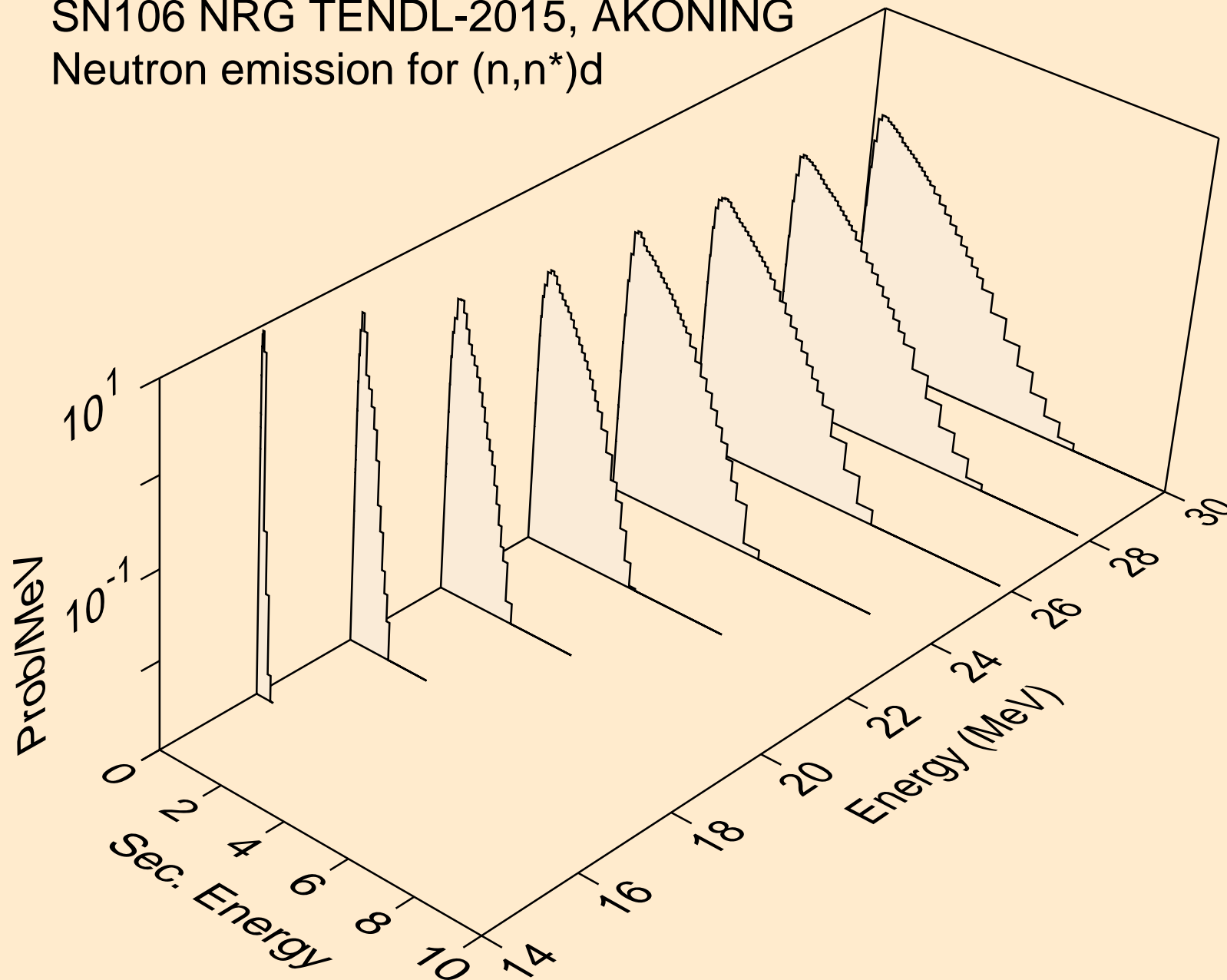


SN106 NRG TENDL-2015, AKONING

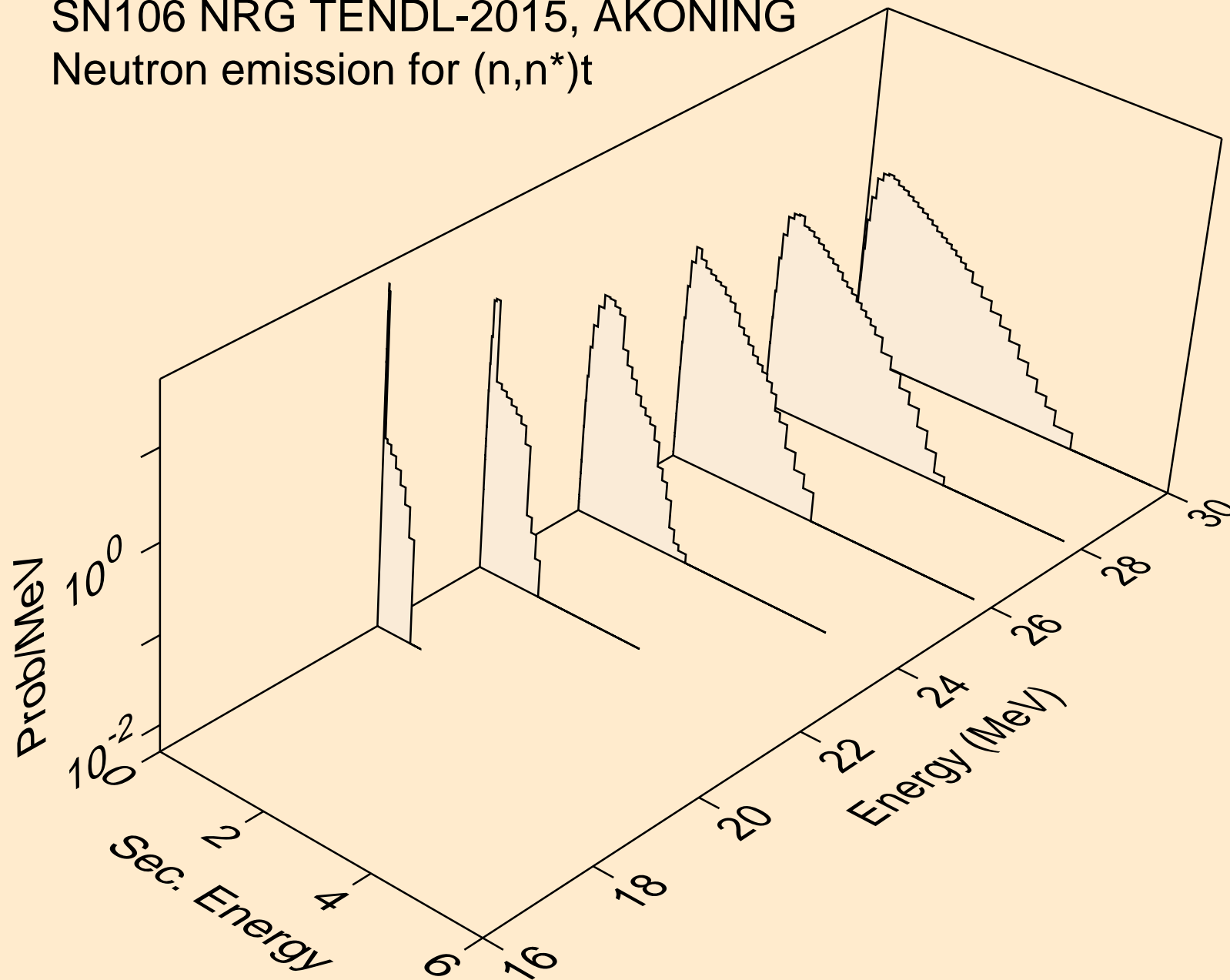
Neutron emission for (n,2n)2a



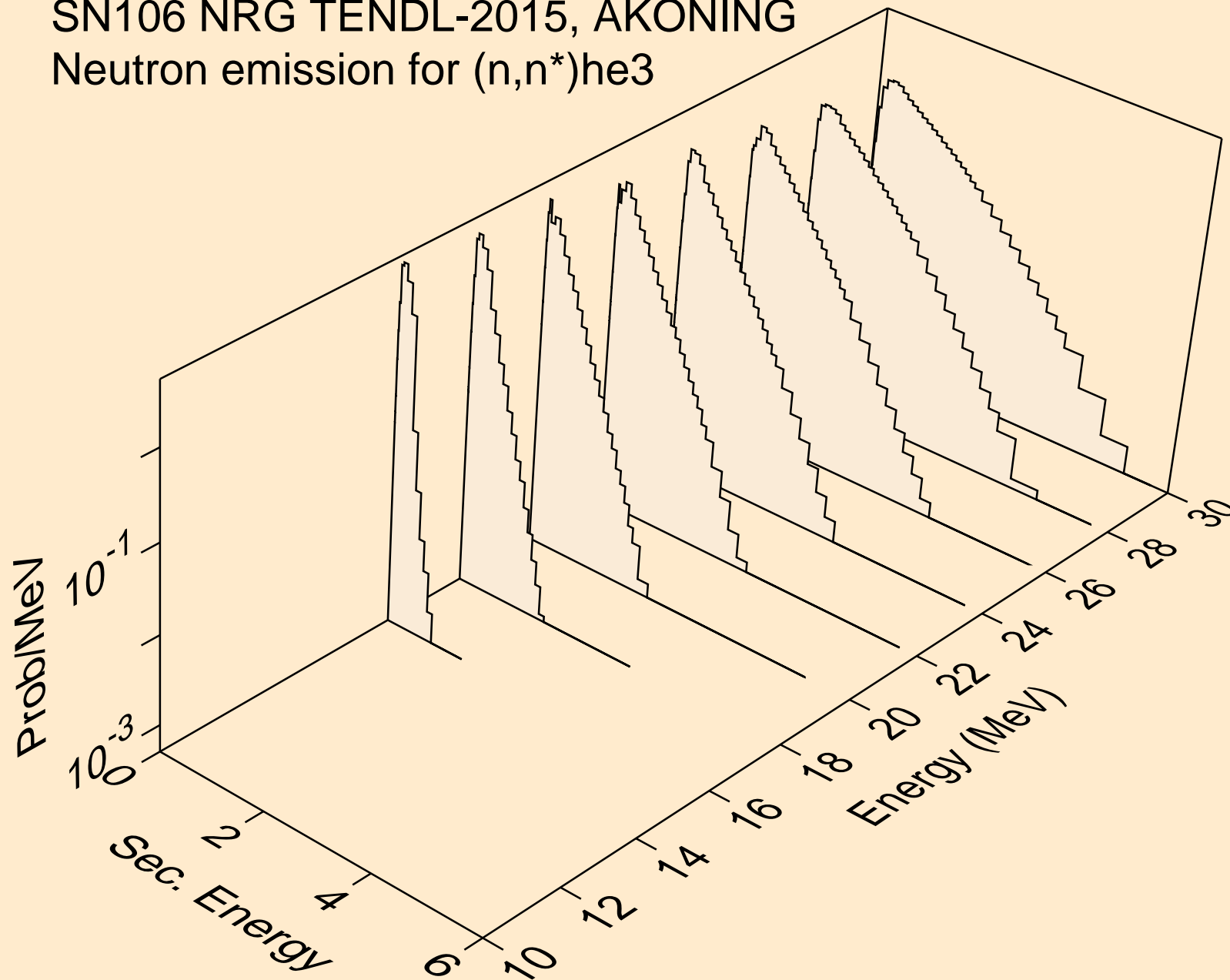
SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



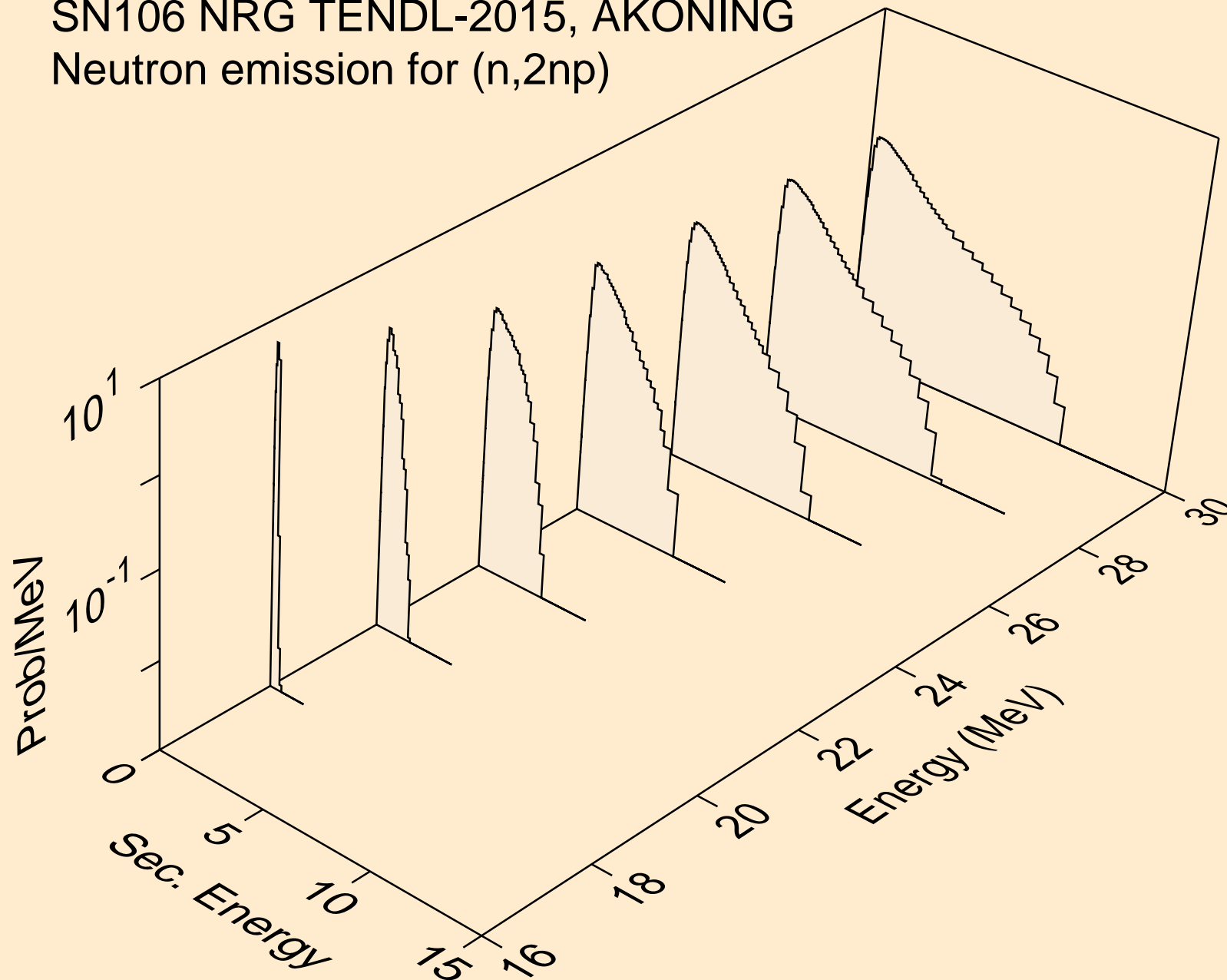
SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



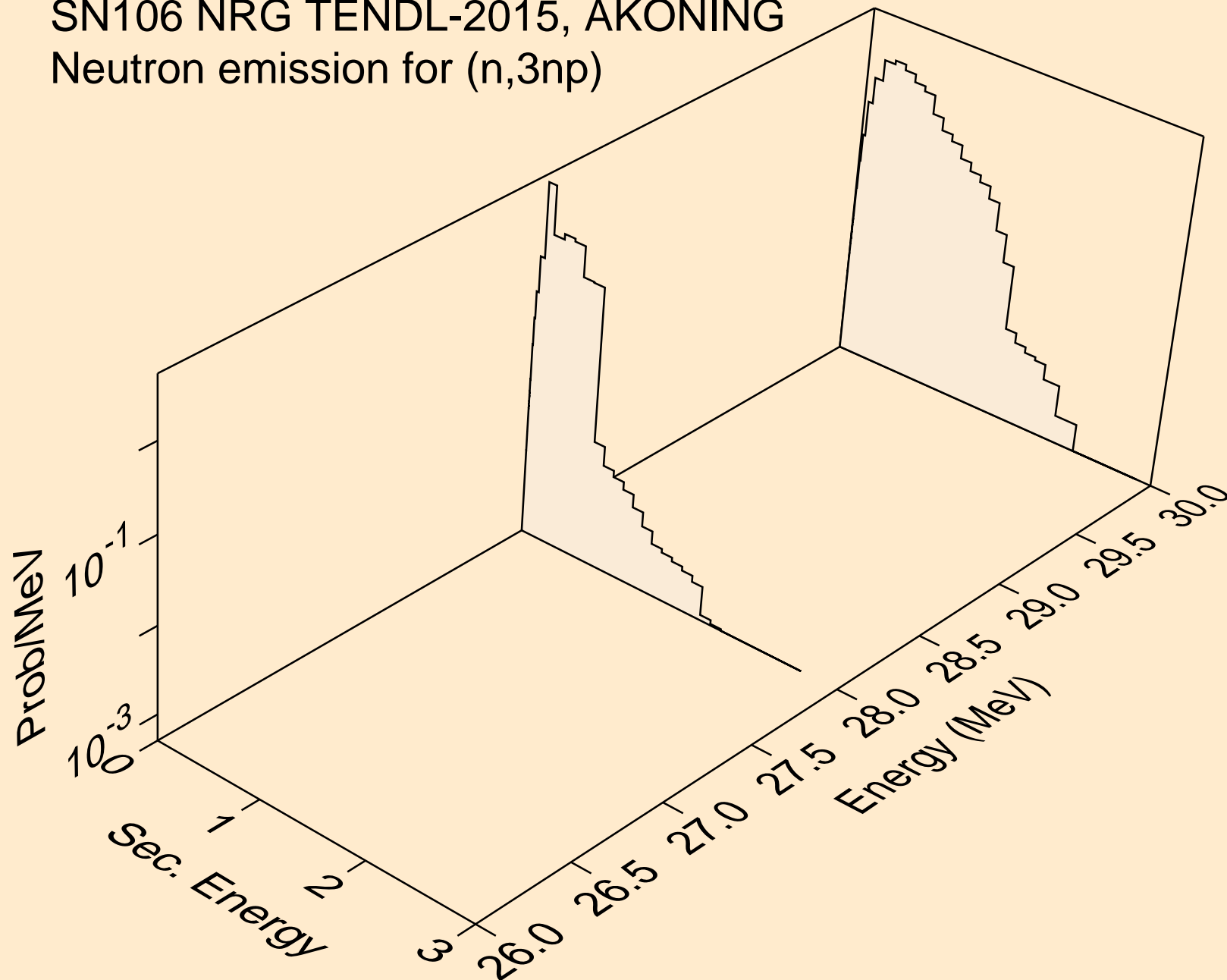
SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



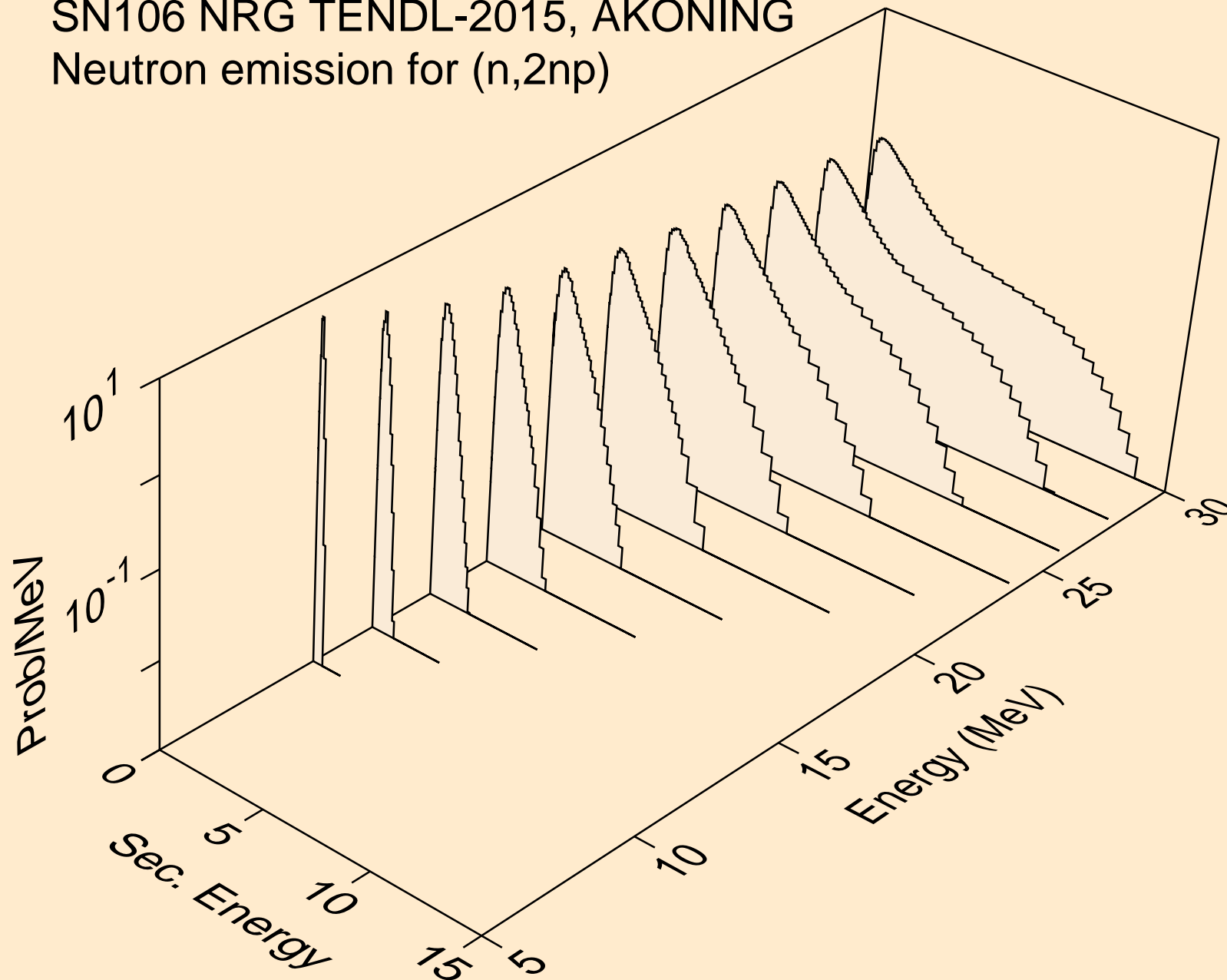
SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

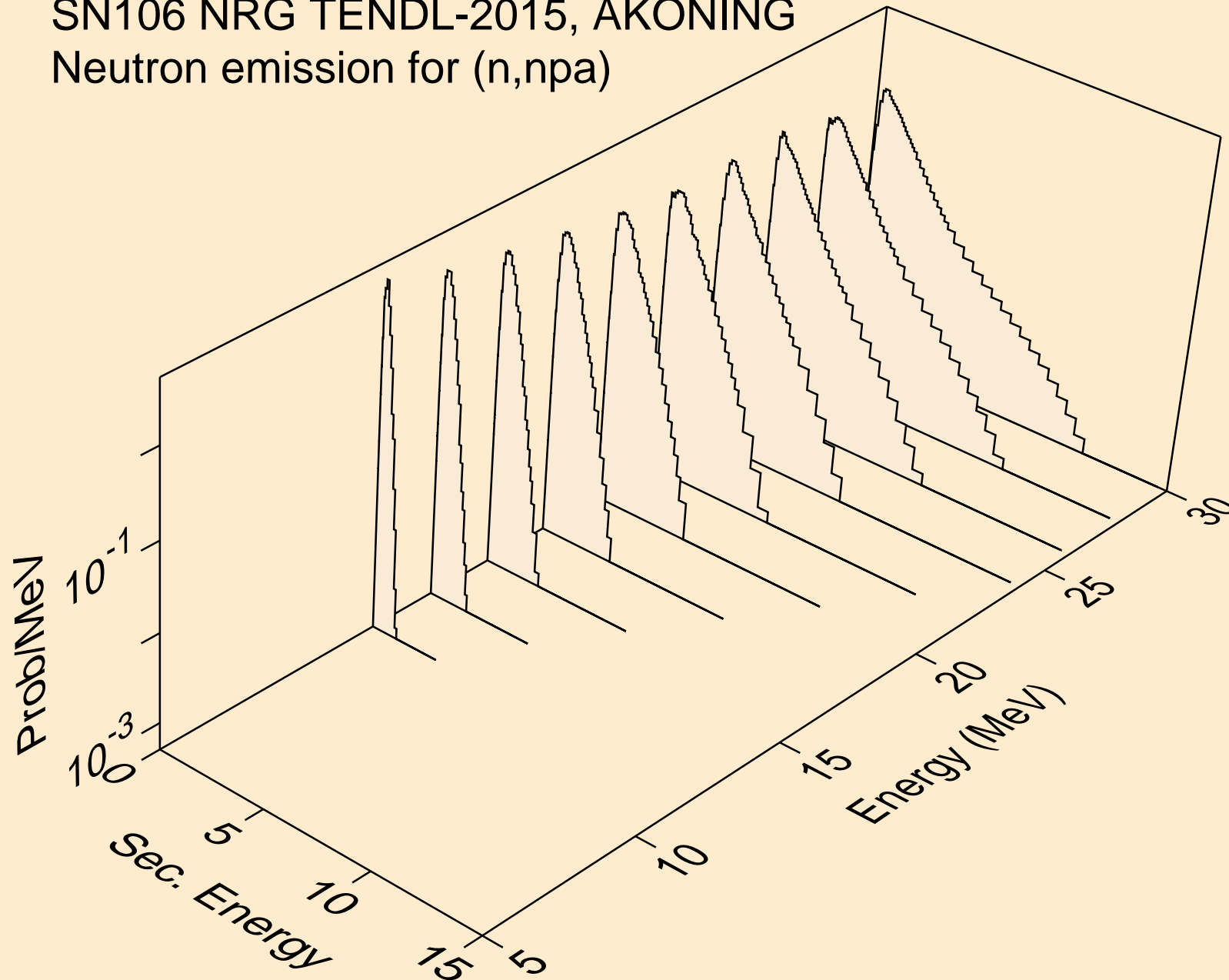


SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

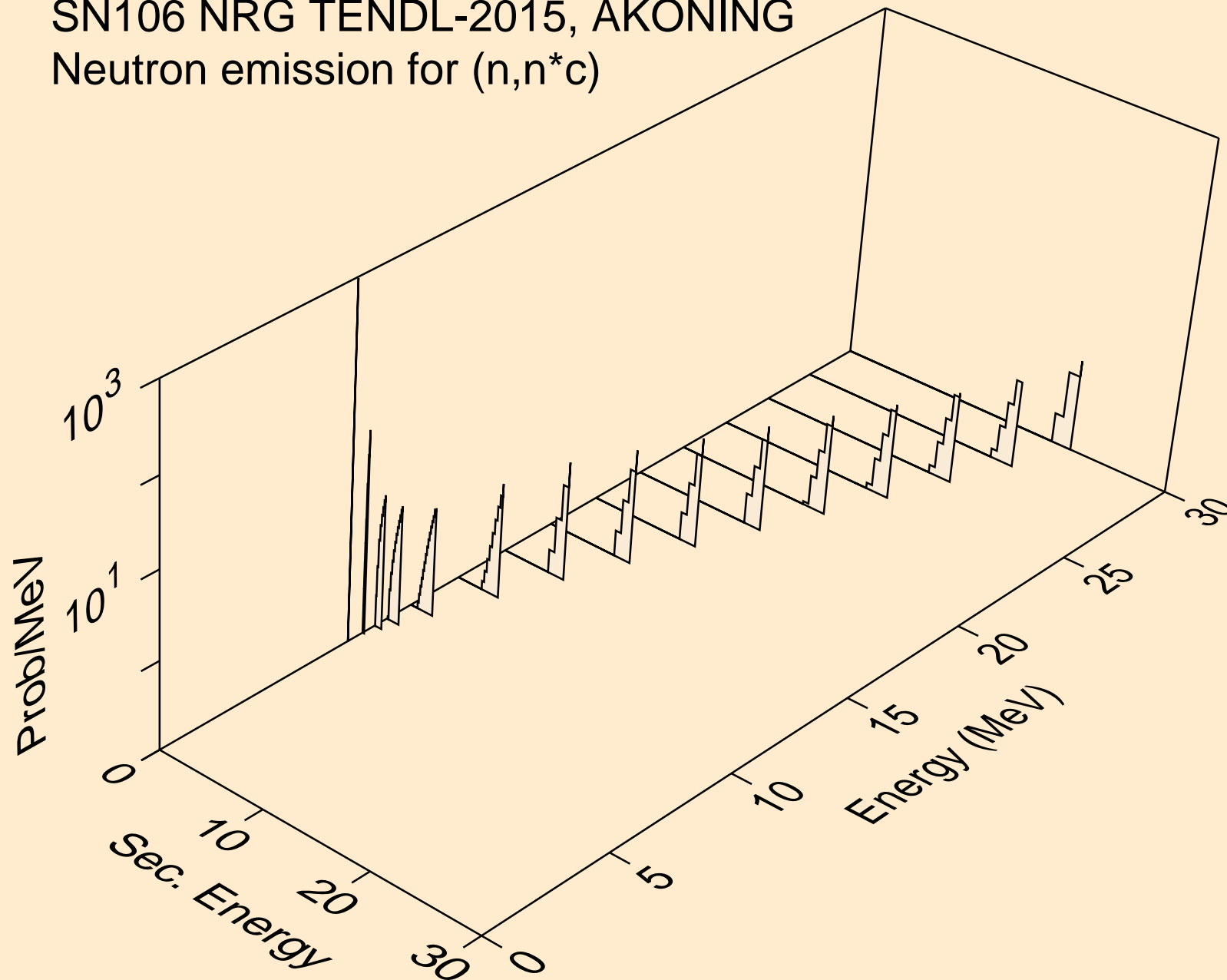




SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)

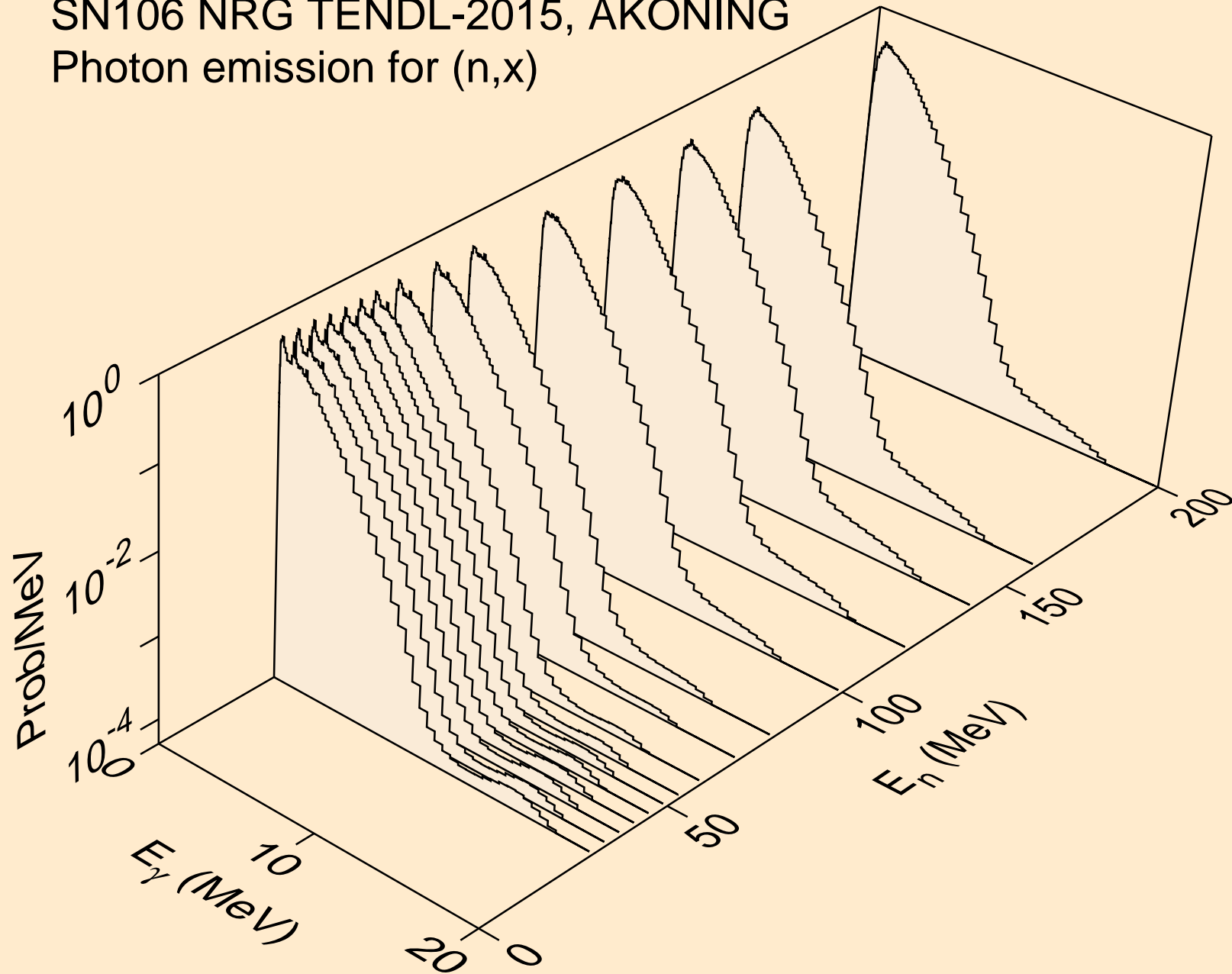


SN106 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

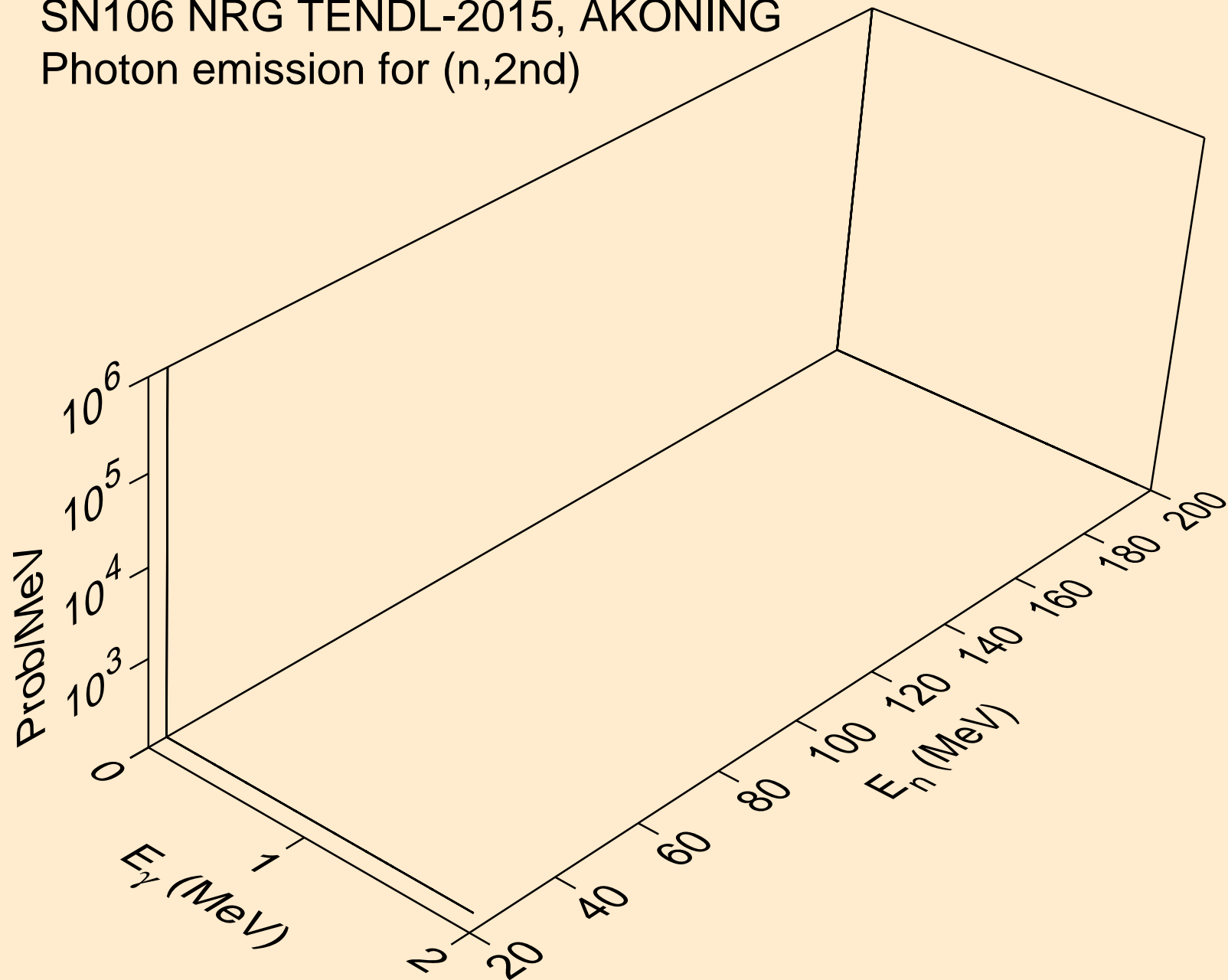


# SN106 NRG TENDL-2015, AKONING

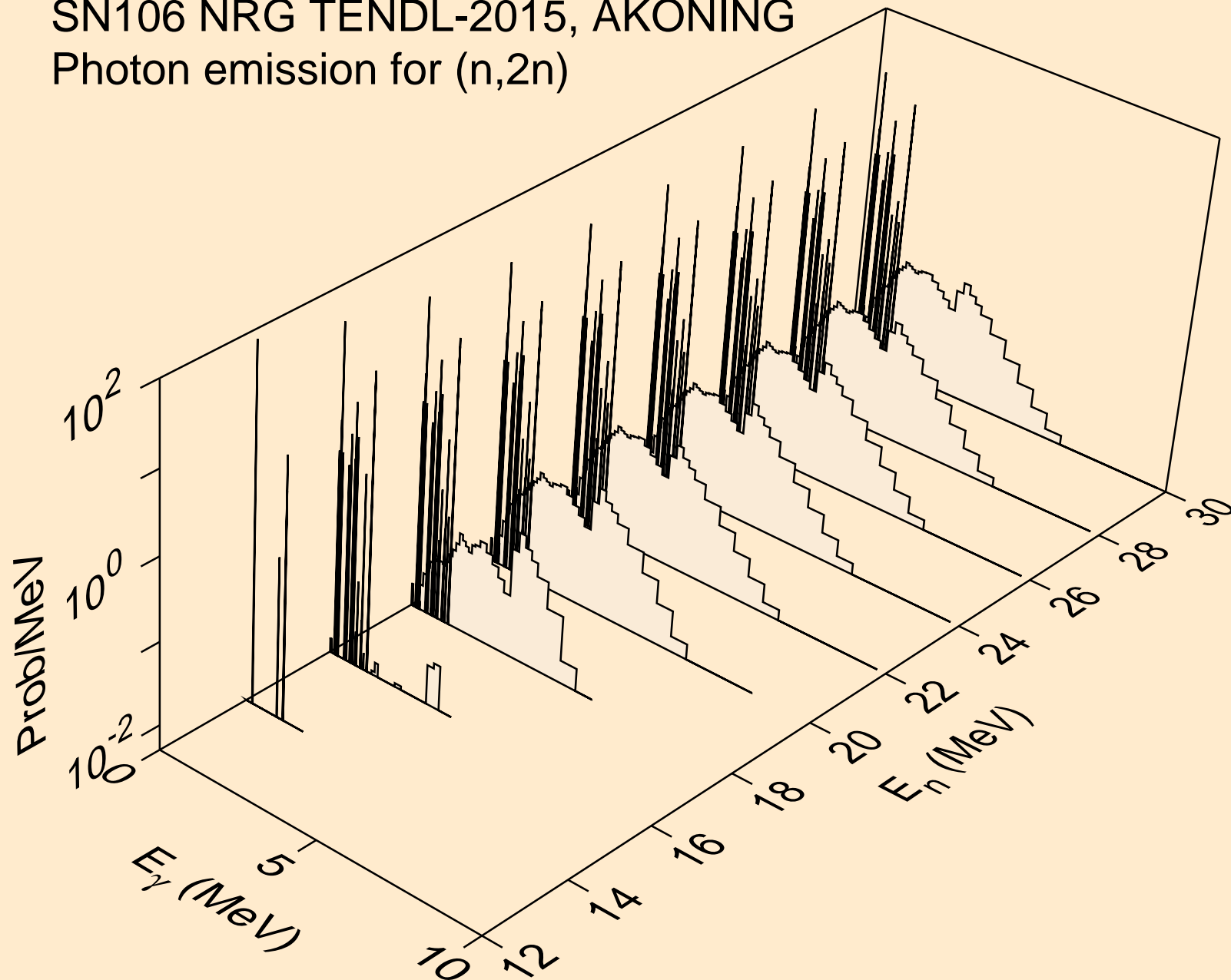
Photon emission for (n,x)



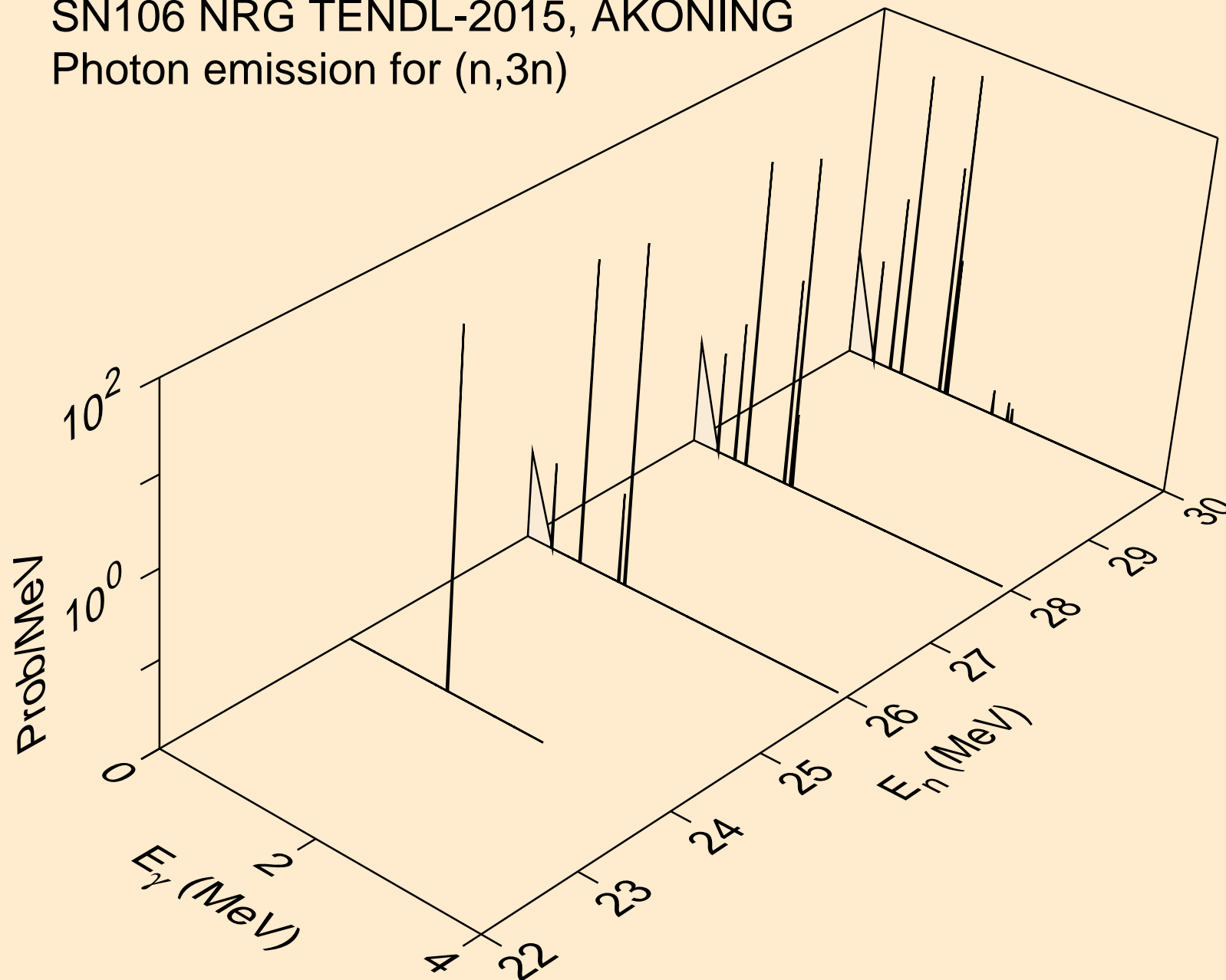
SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)

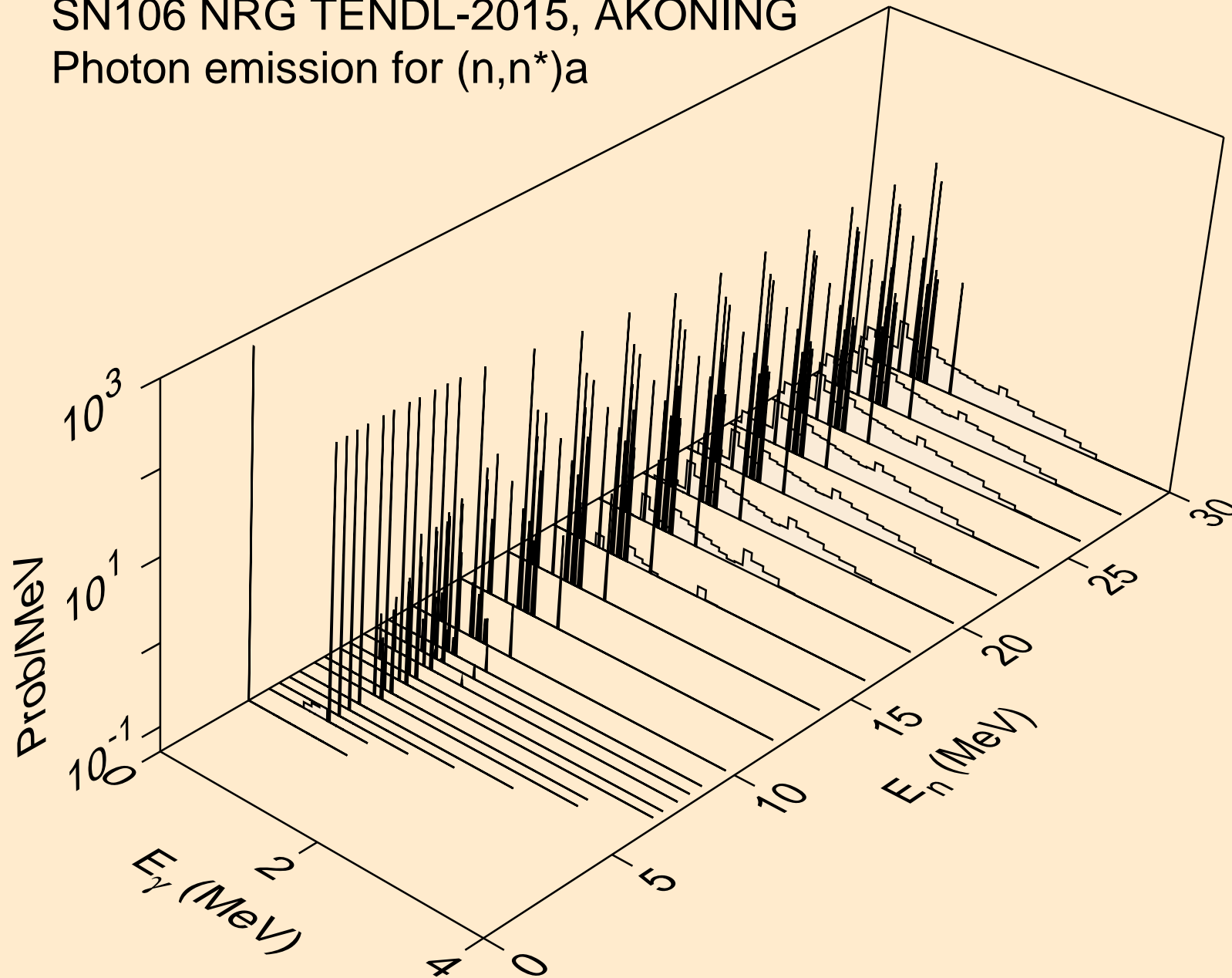


SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



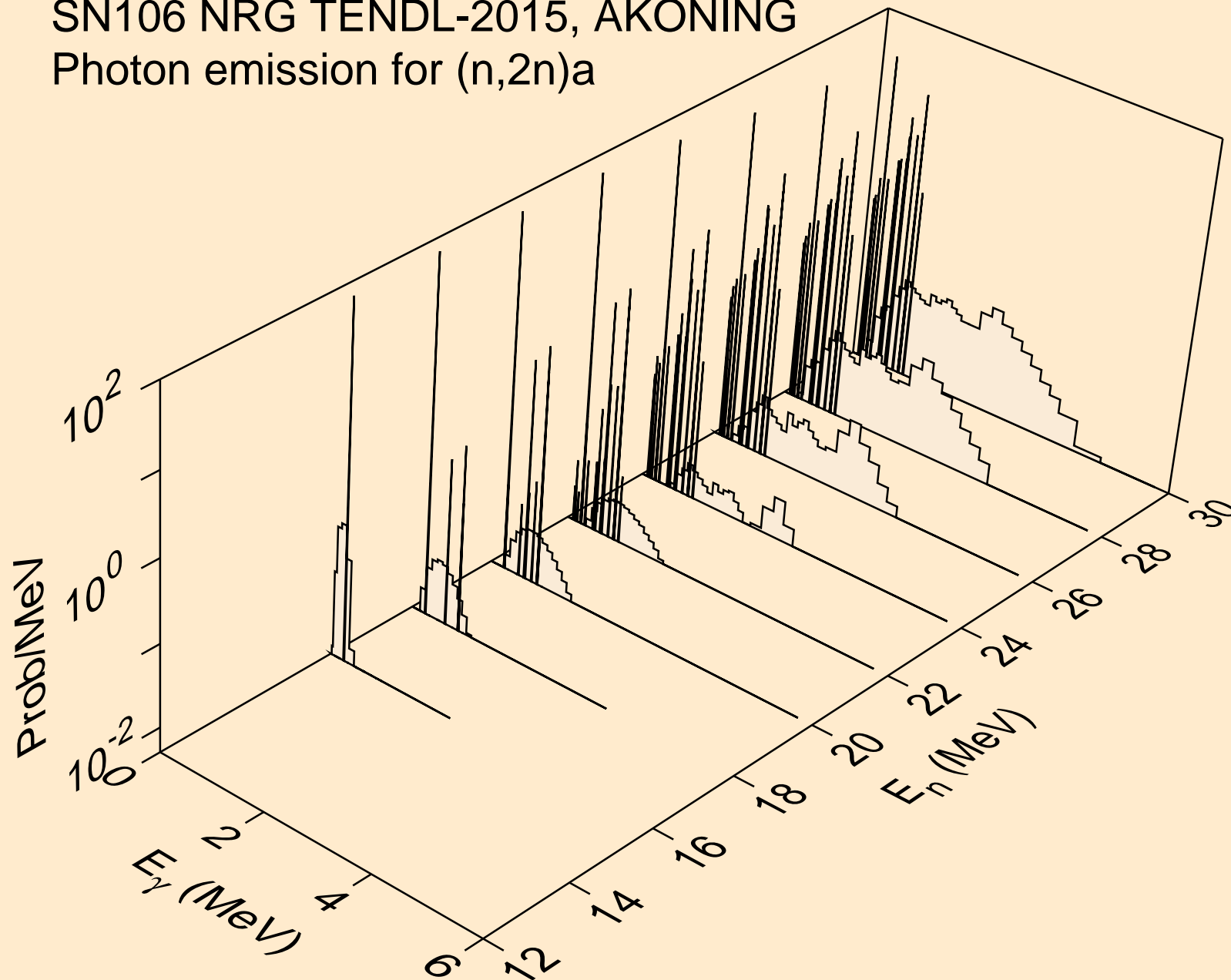
SN106 NRG TENDL-2015, AKONING

Photon emission for (n,n\*)a



SN106 NRG TENDL-2015, AKONING

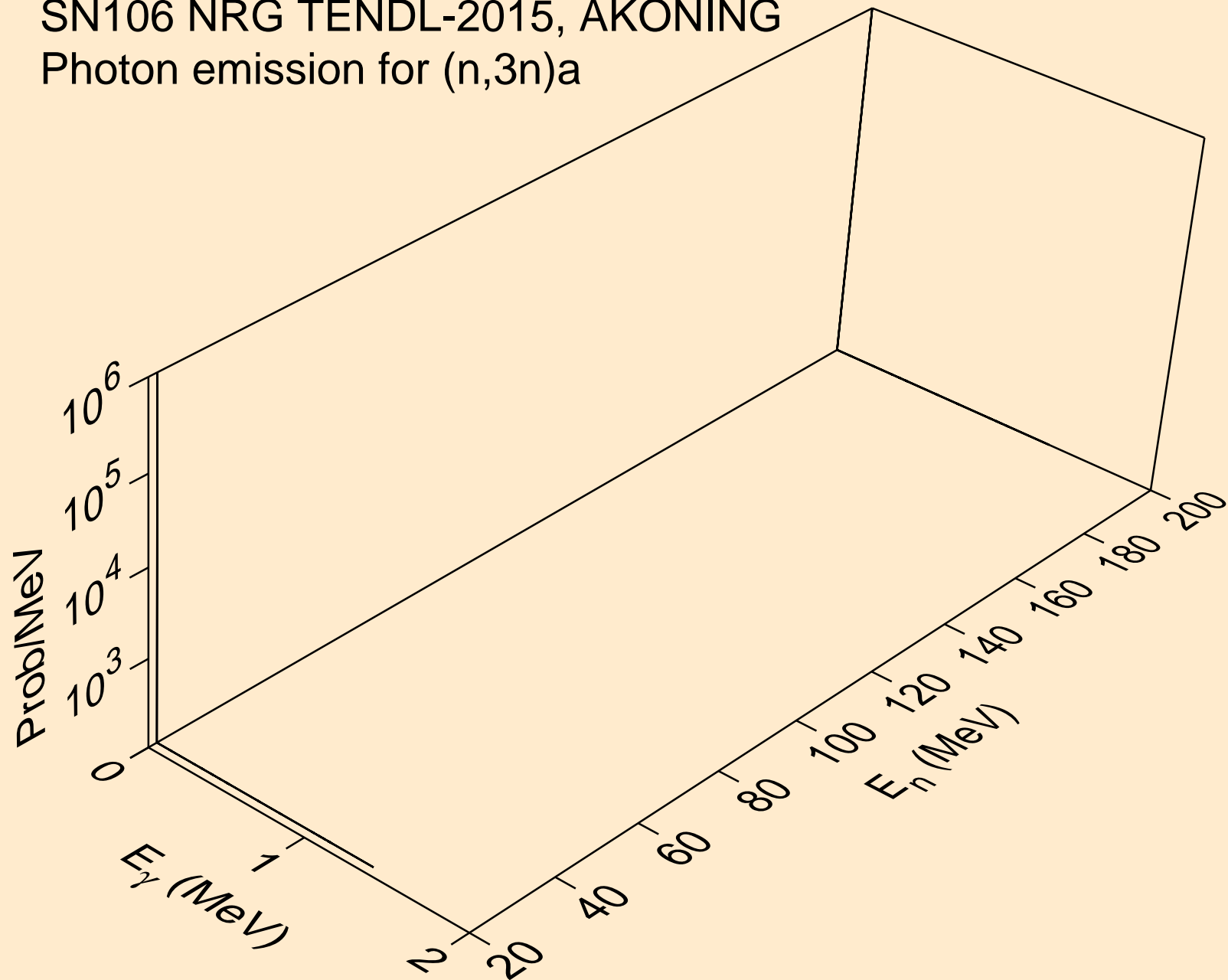
Photon emission for (n,2n)a





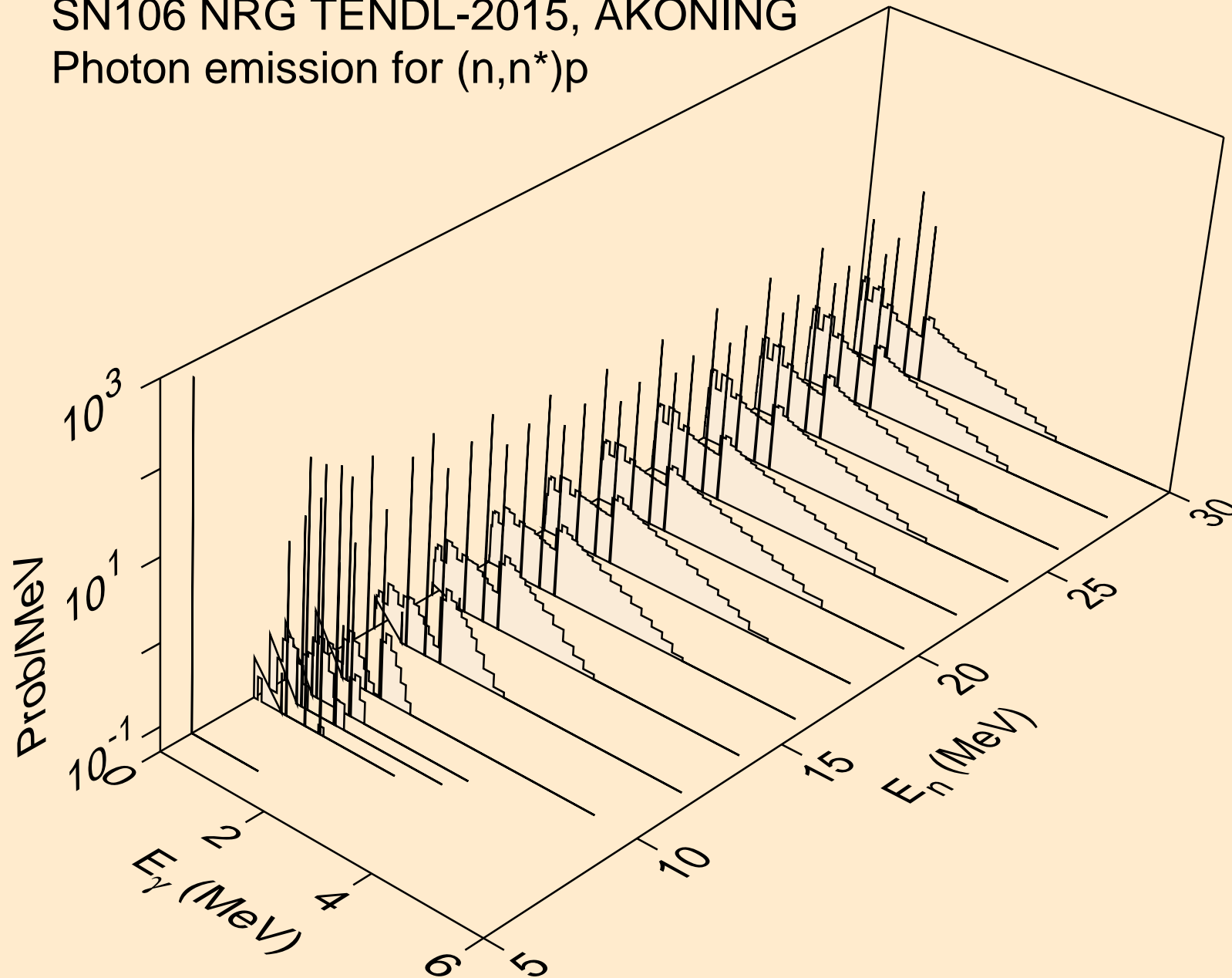
SN106 NRG TENDL-2015, AKONING

Photon emission for (n,3n)a

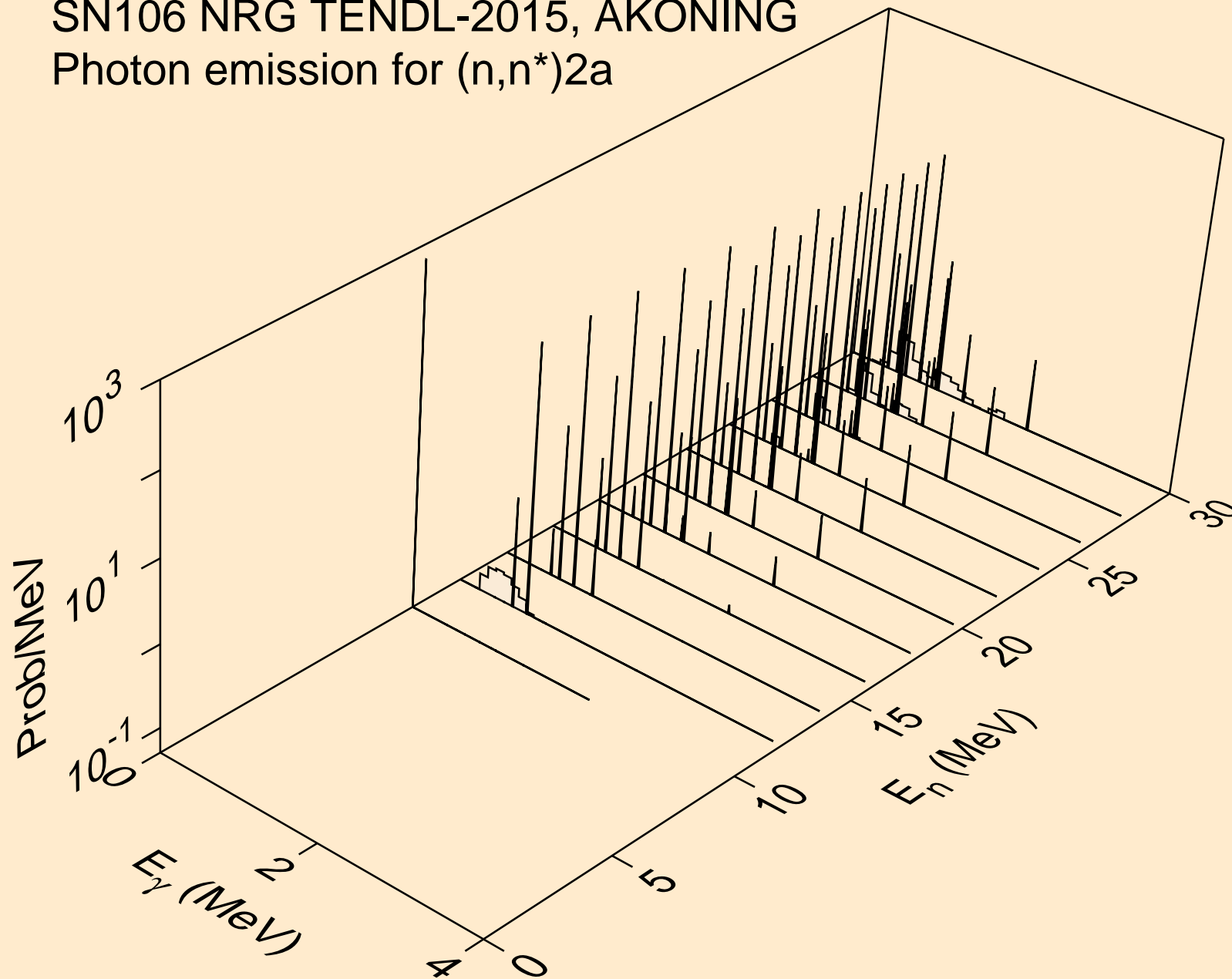


SN106 NRG TENDL-2015, AKONING

Photon emission for  $(n,n^*)p$

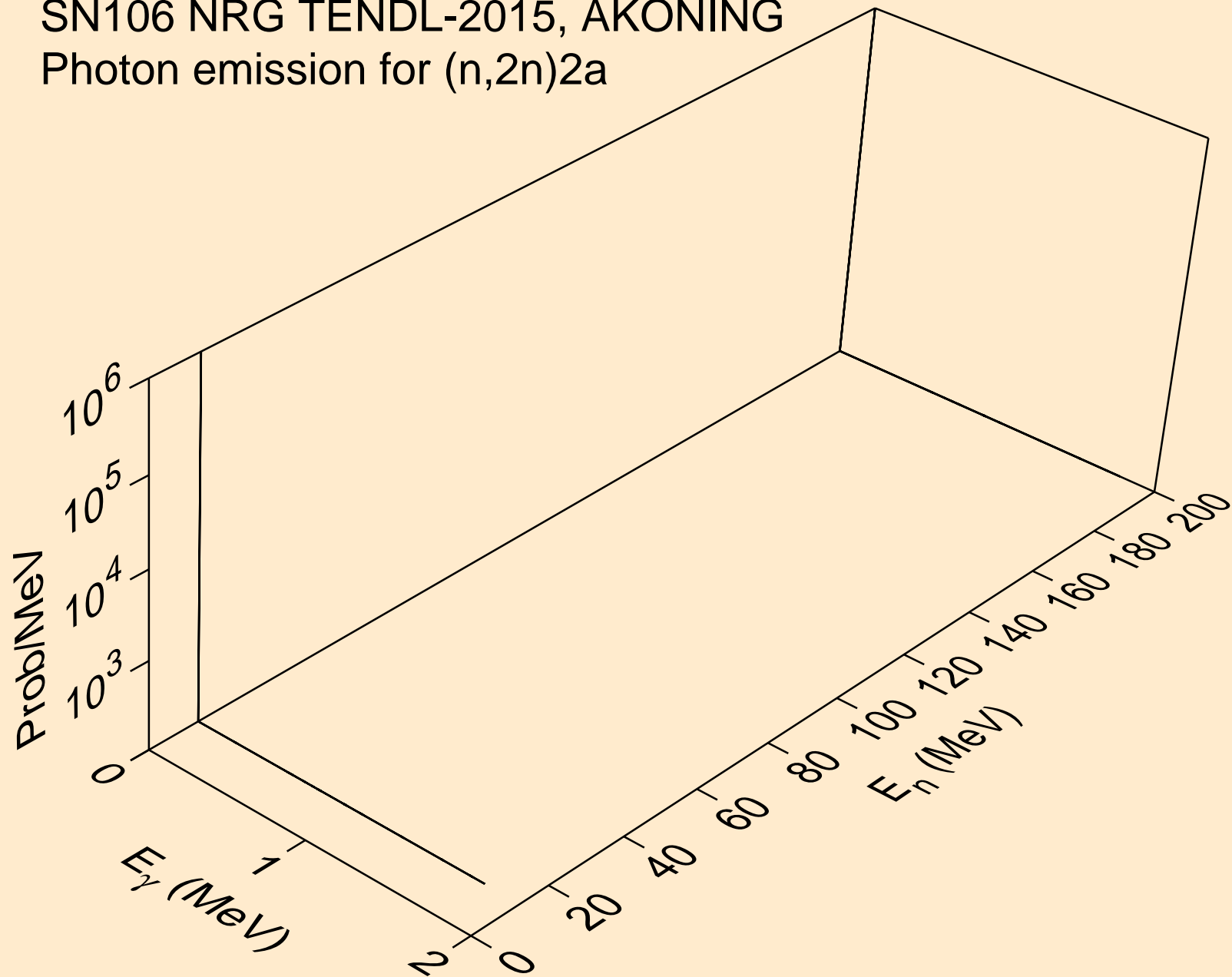


SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



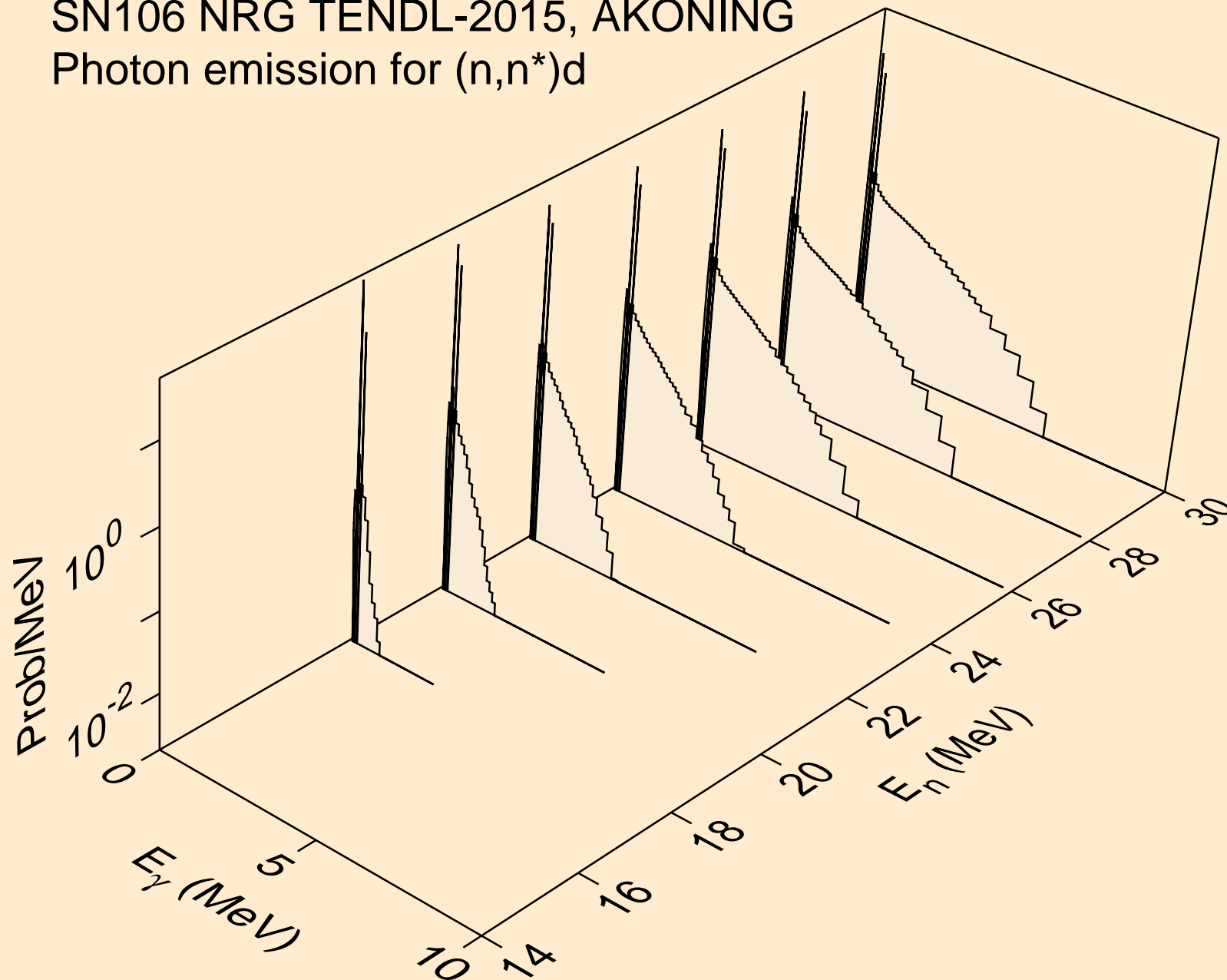
SN106 NRG TENDL-2015, AKONING

Photon emission for (n,2n)2a



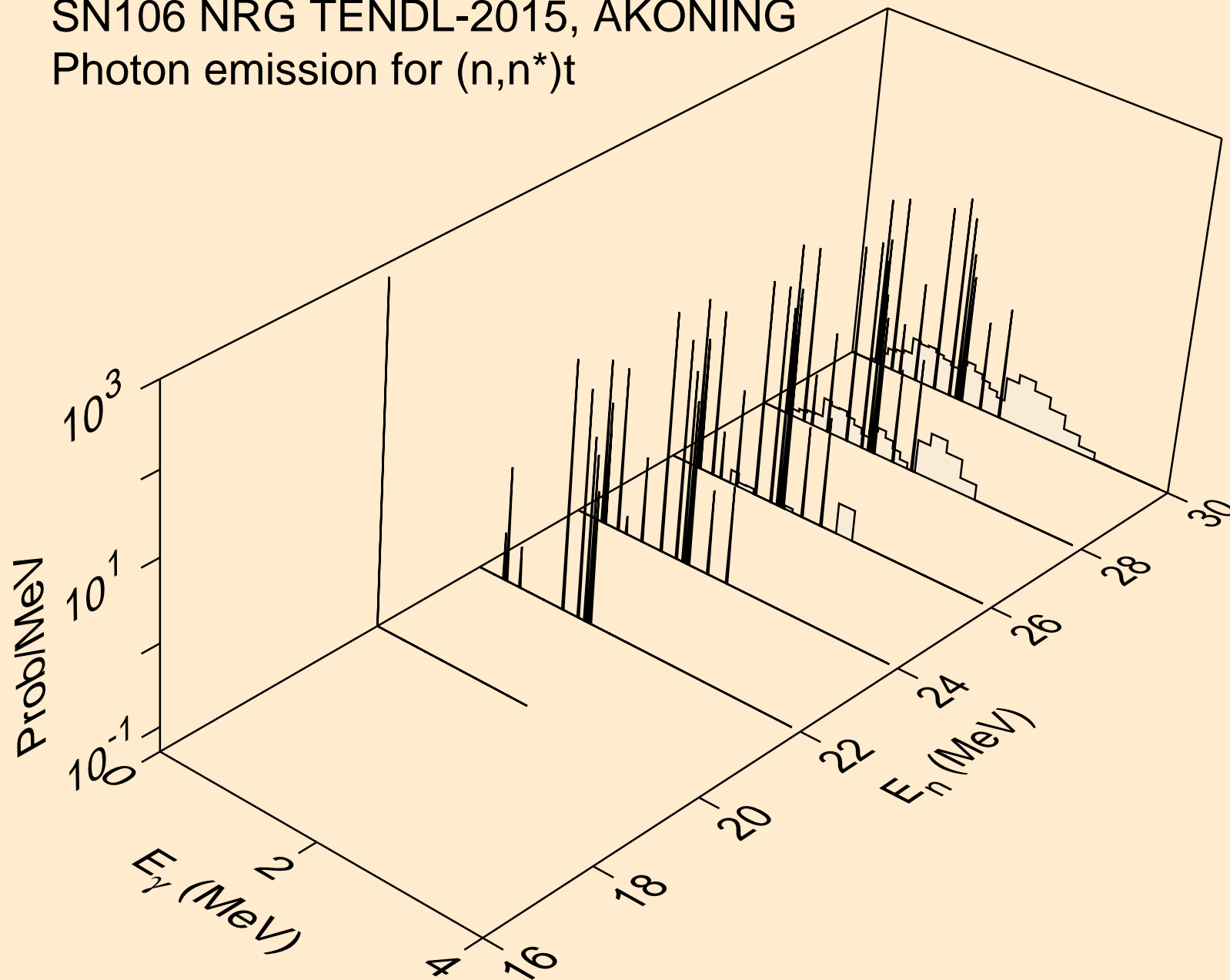
SN106 NRG TENDL-2015, AKONING

Photon emission for (n,n\*)d



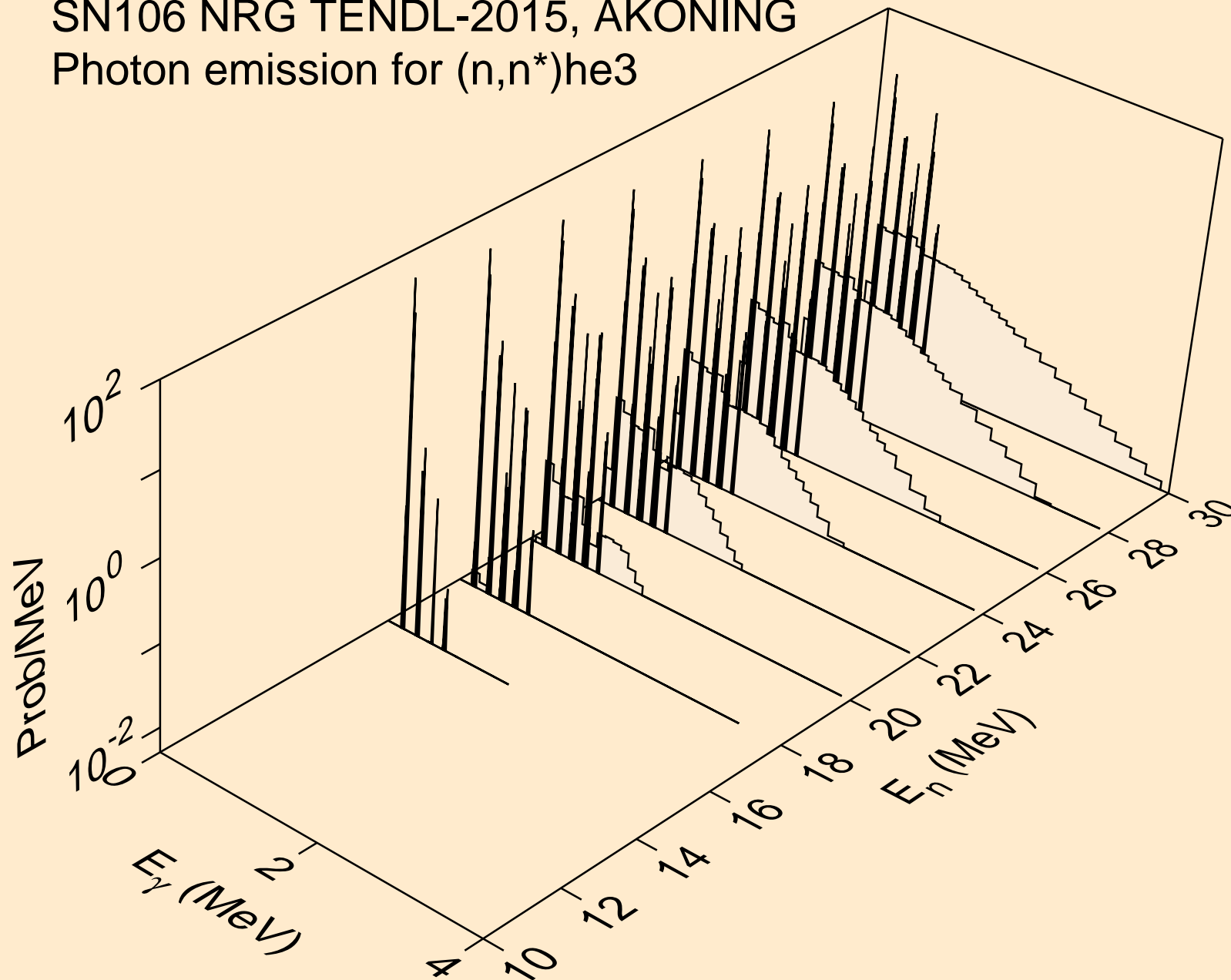
SN106 NRG TENDL-2015, AKONING

Photon emission for  $(n,n^*)t$

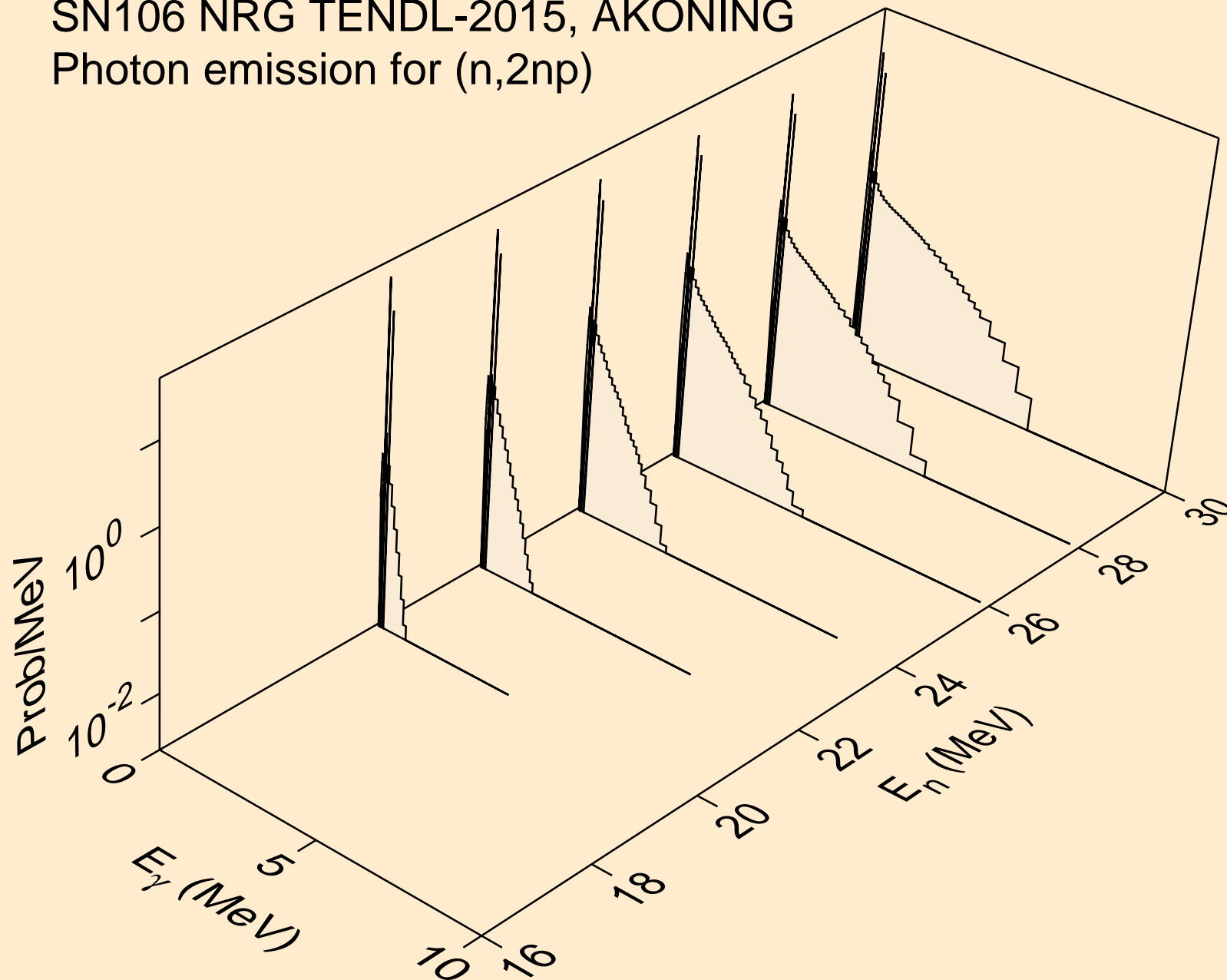


SN106 NRG TENDL-2015, AKONING

Photon emission for (n,n\*)he3

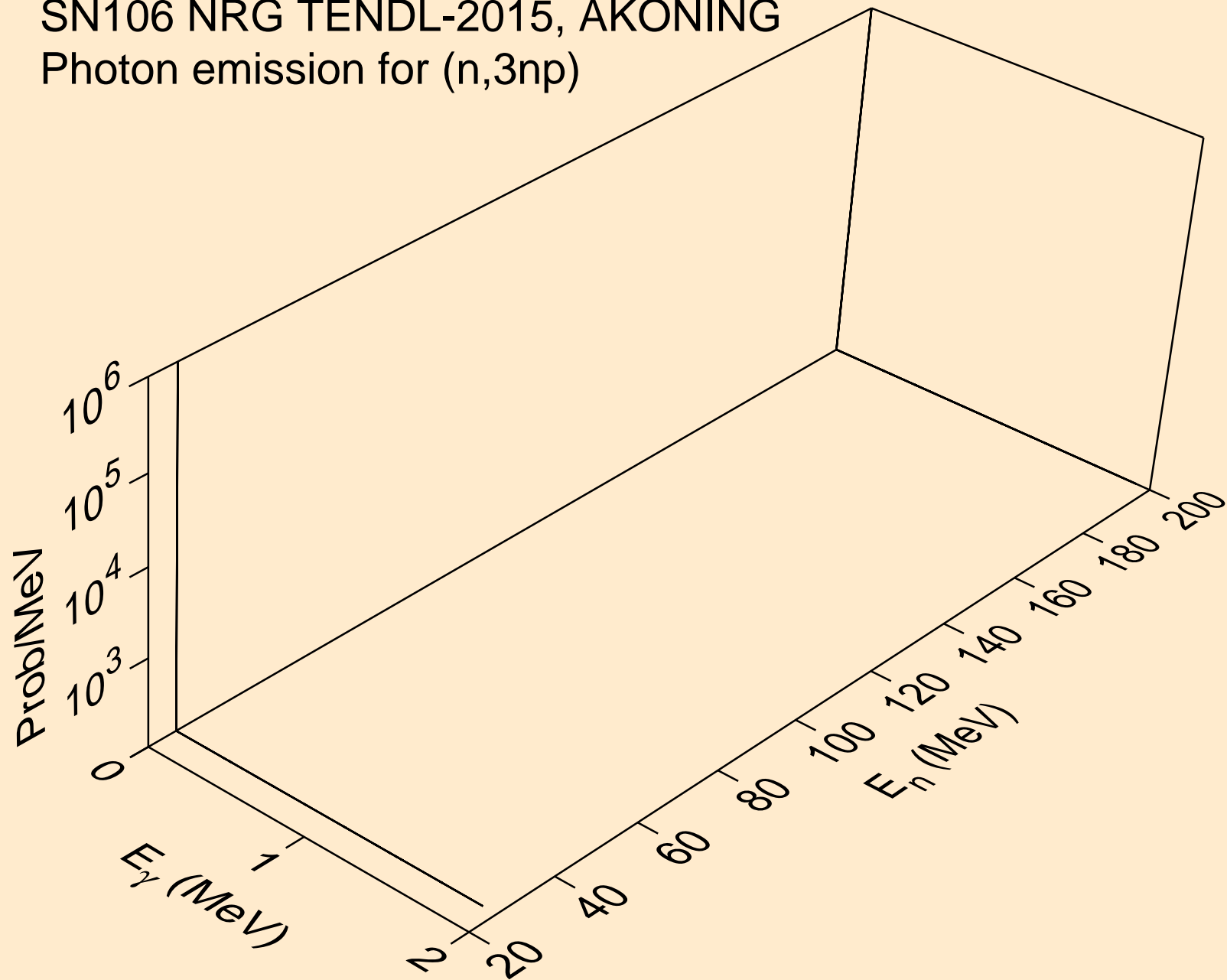


SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

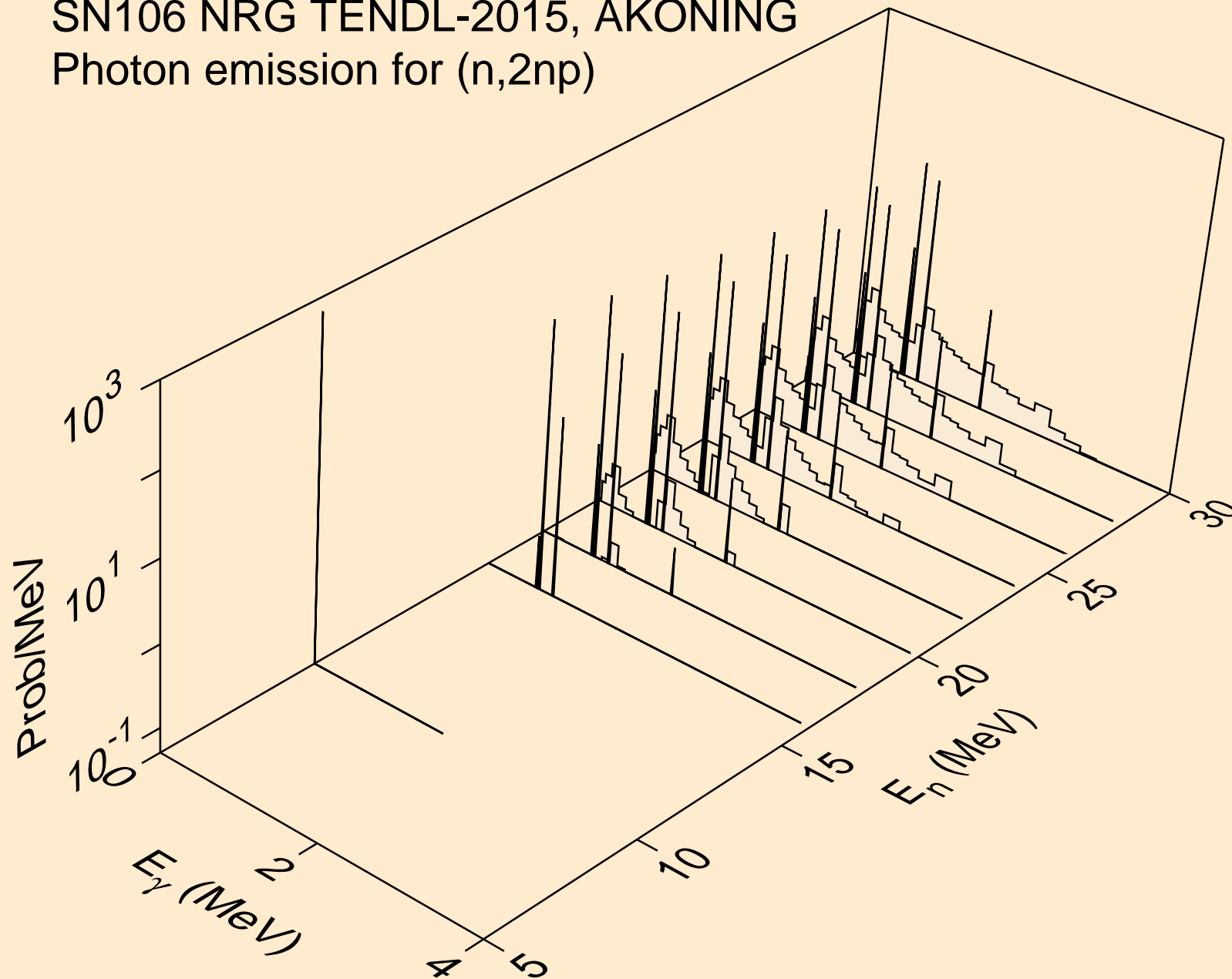




SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)

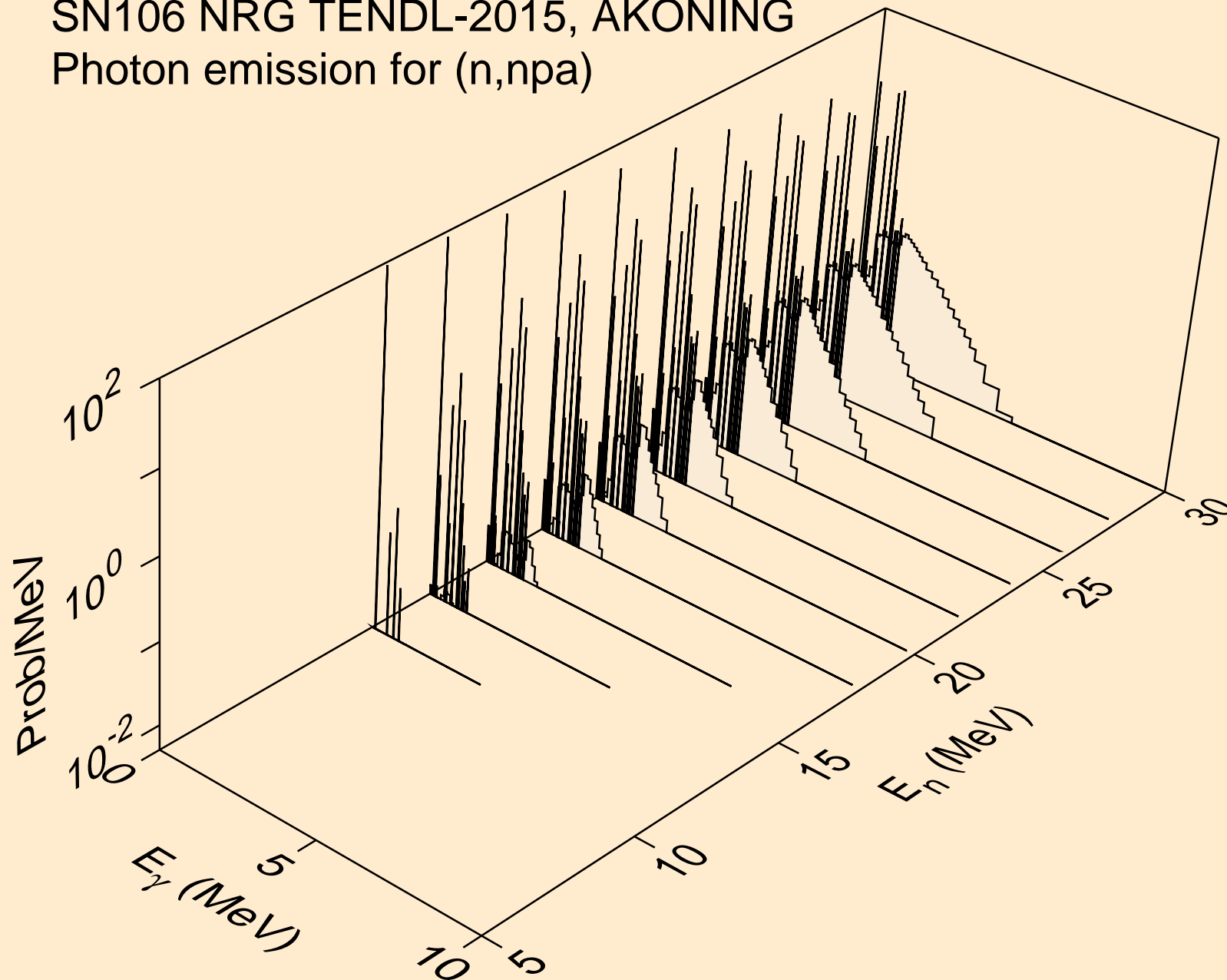


SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

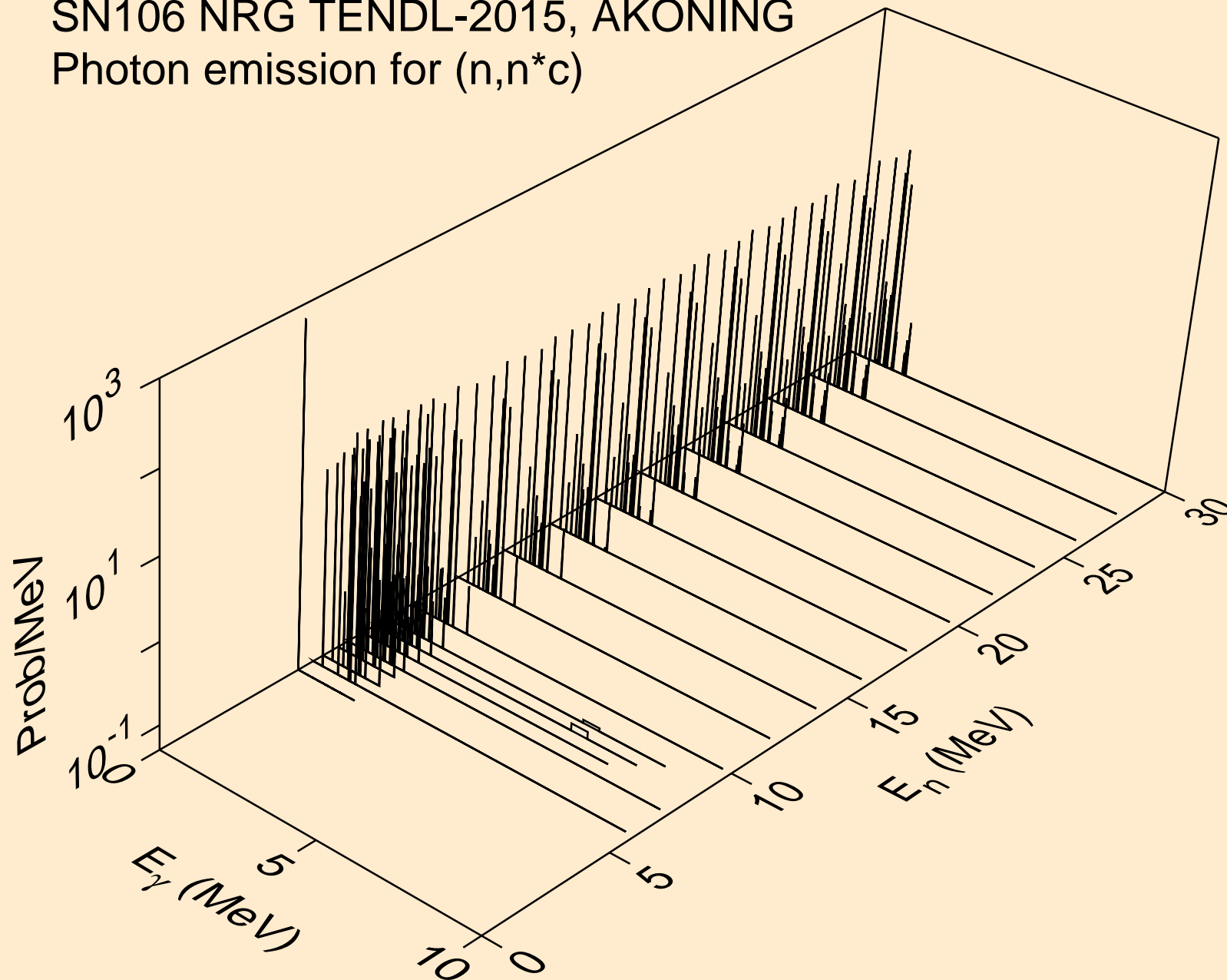


SN106 NRG TENDL-2015, AKONING

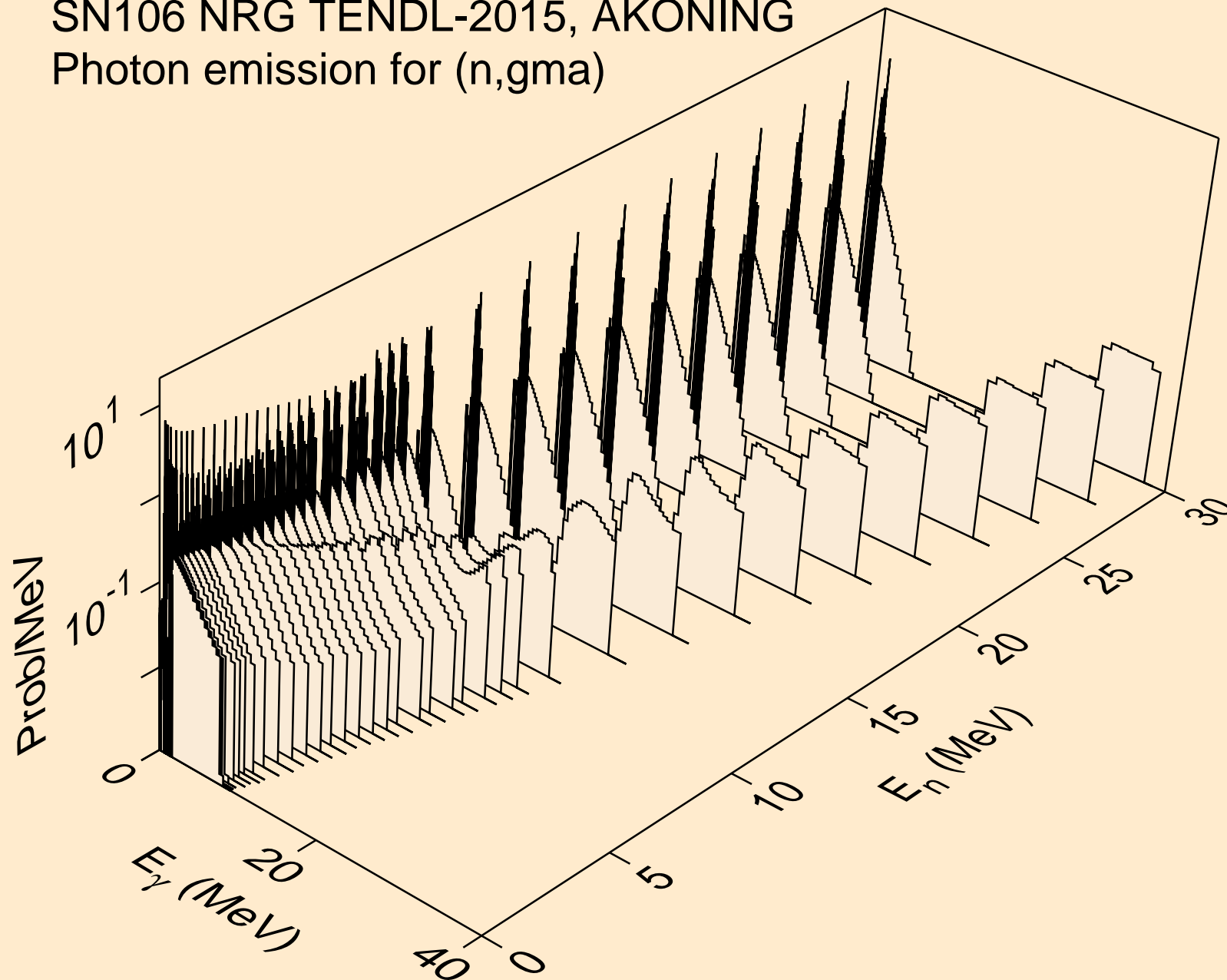
Photon emission for (n,npa)



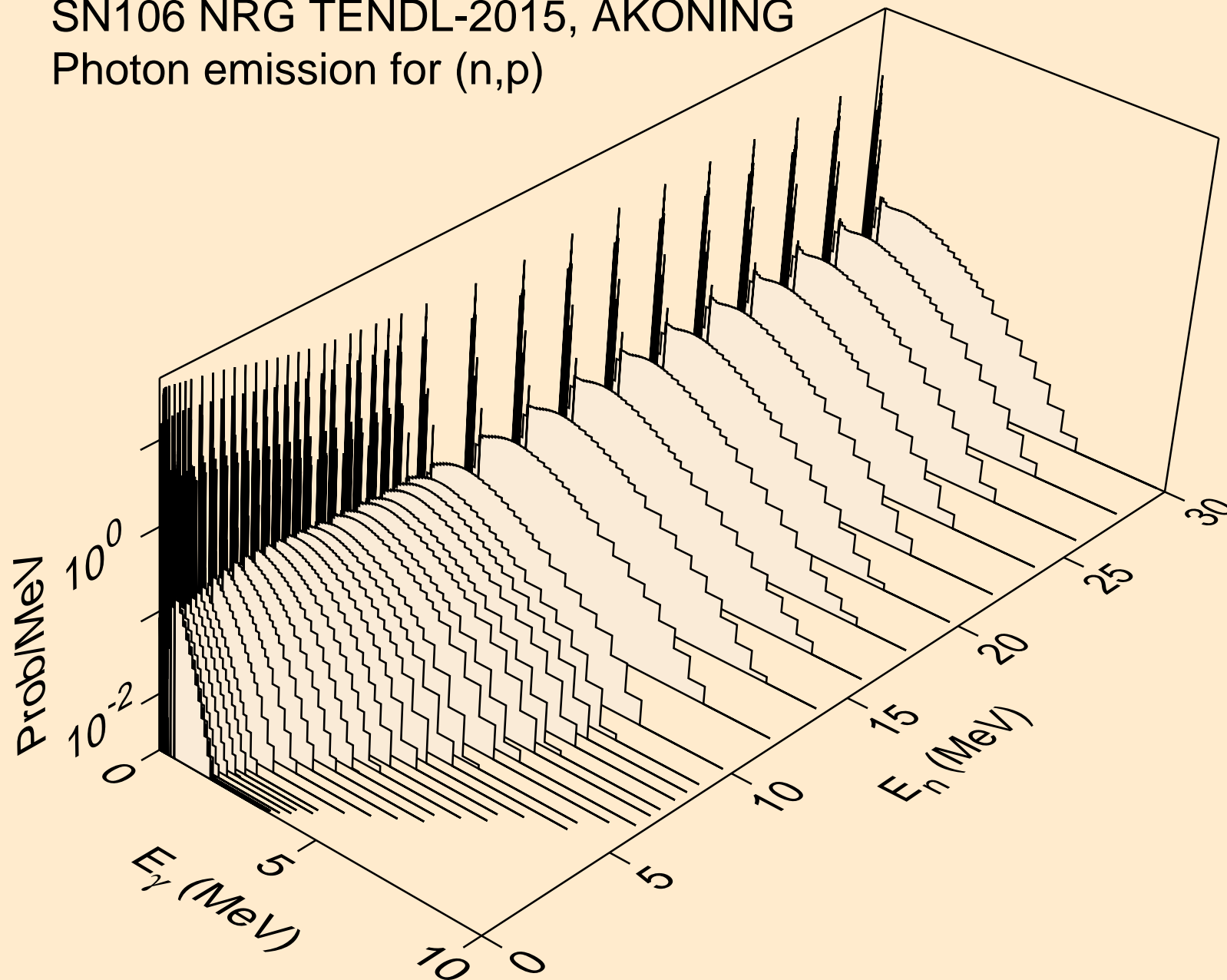
SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



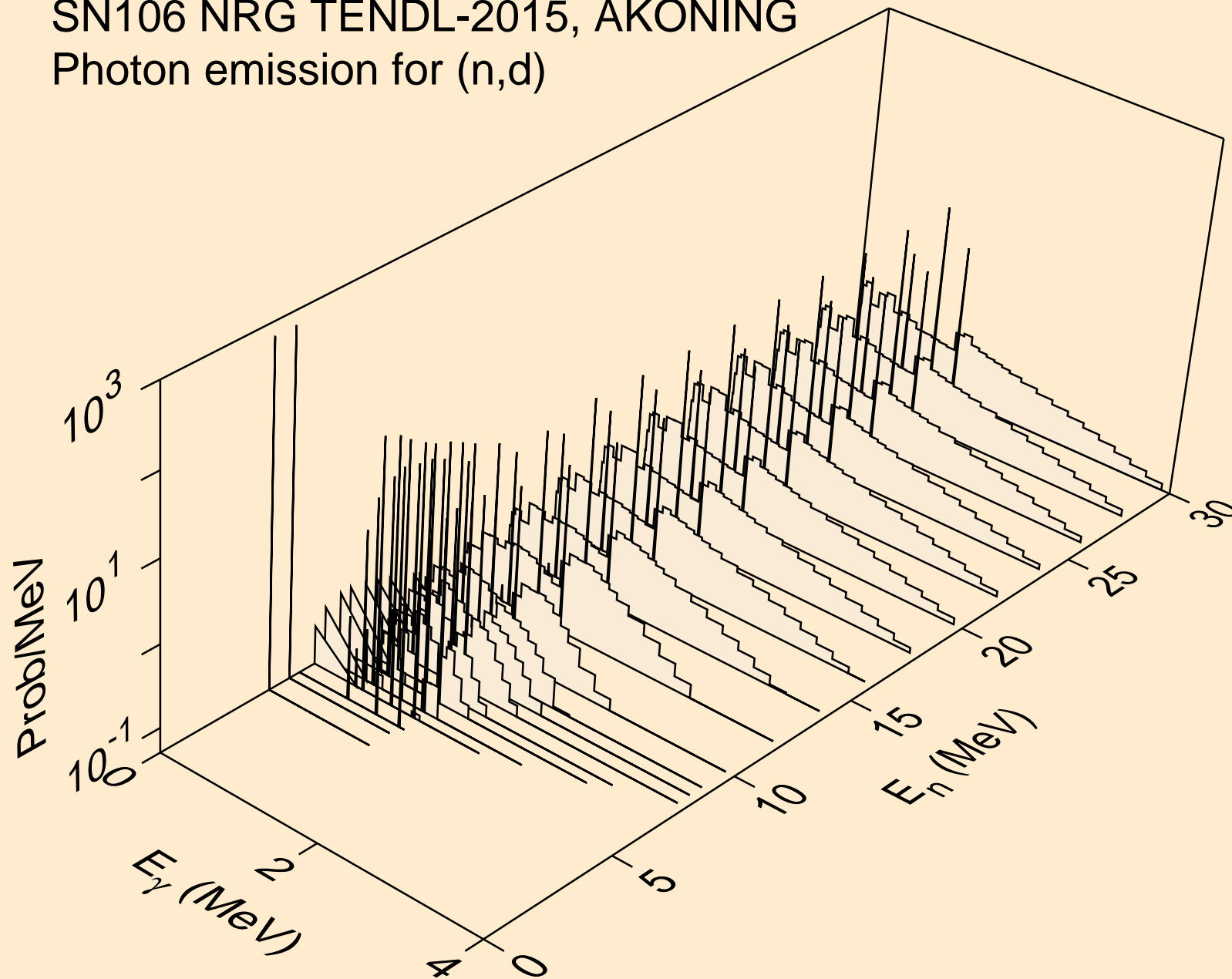
SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



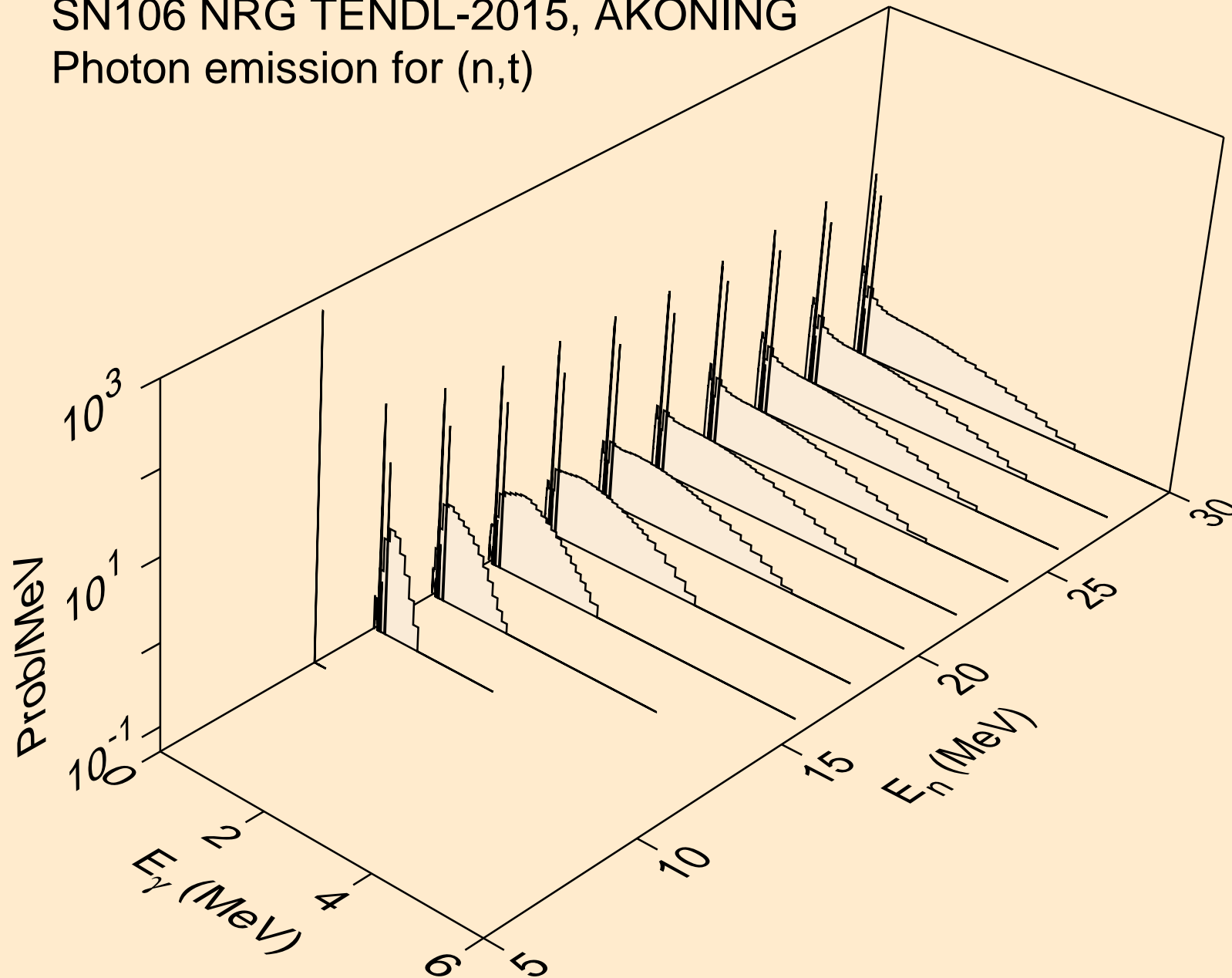
SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

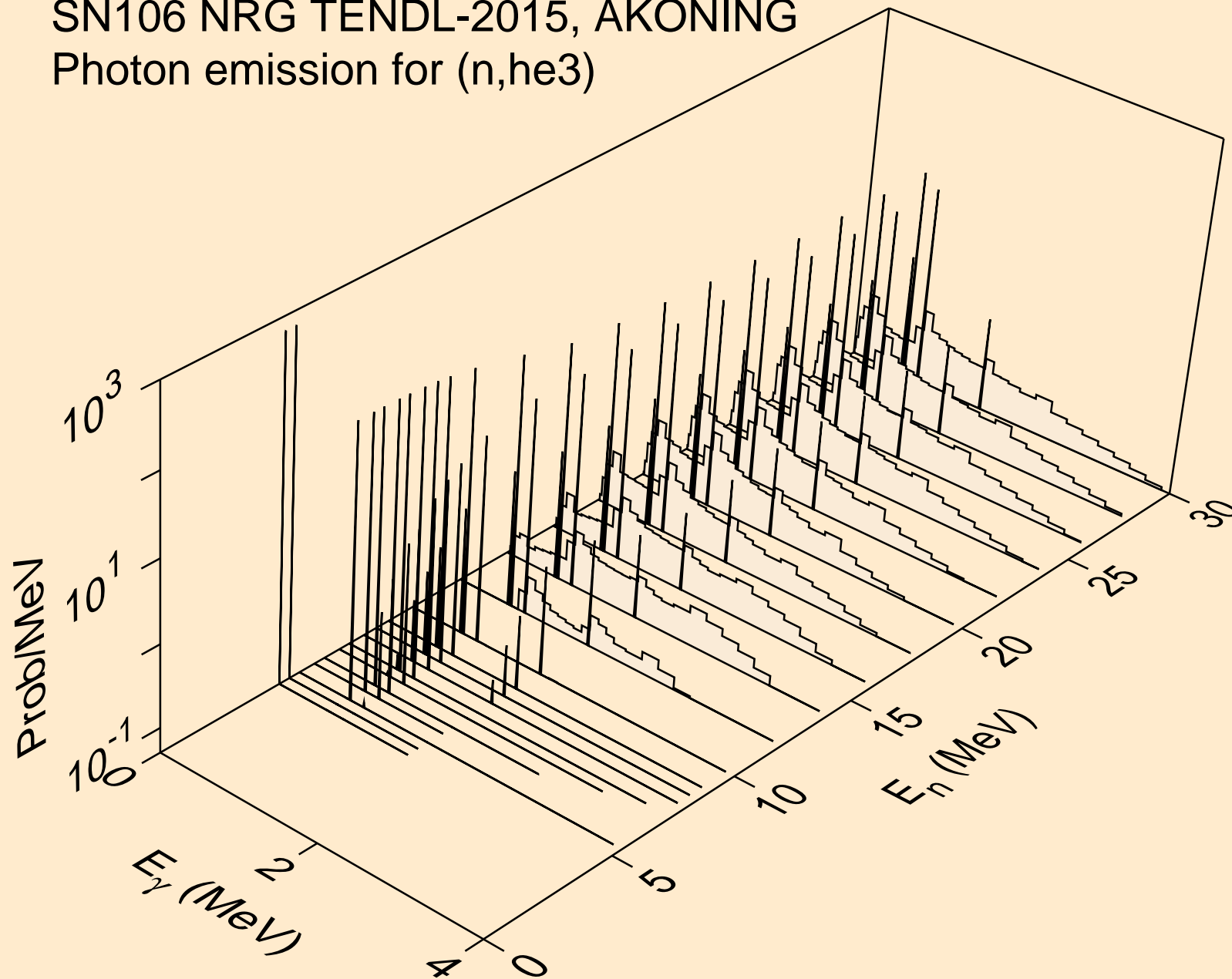


SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

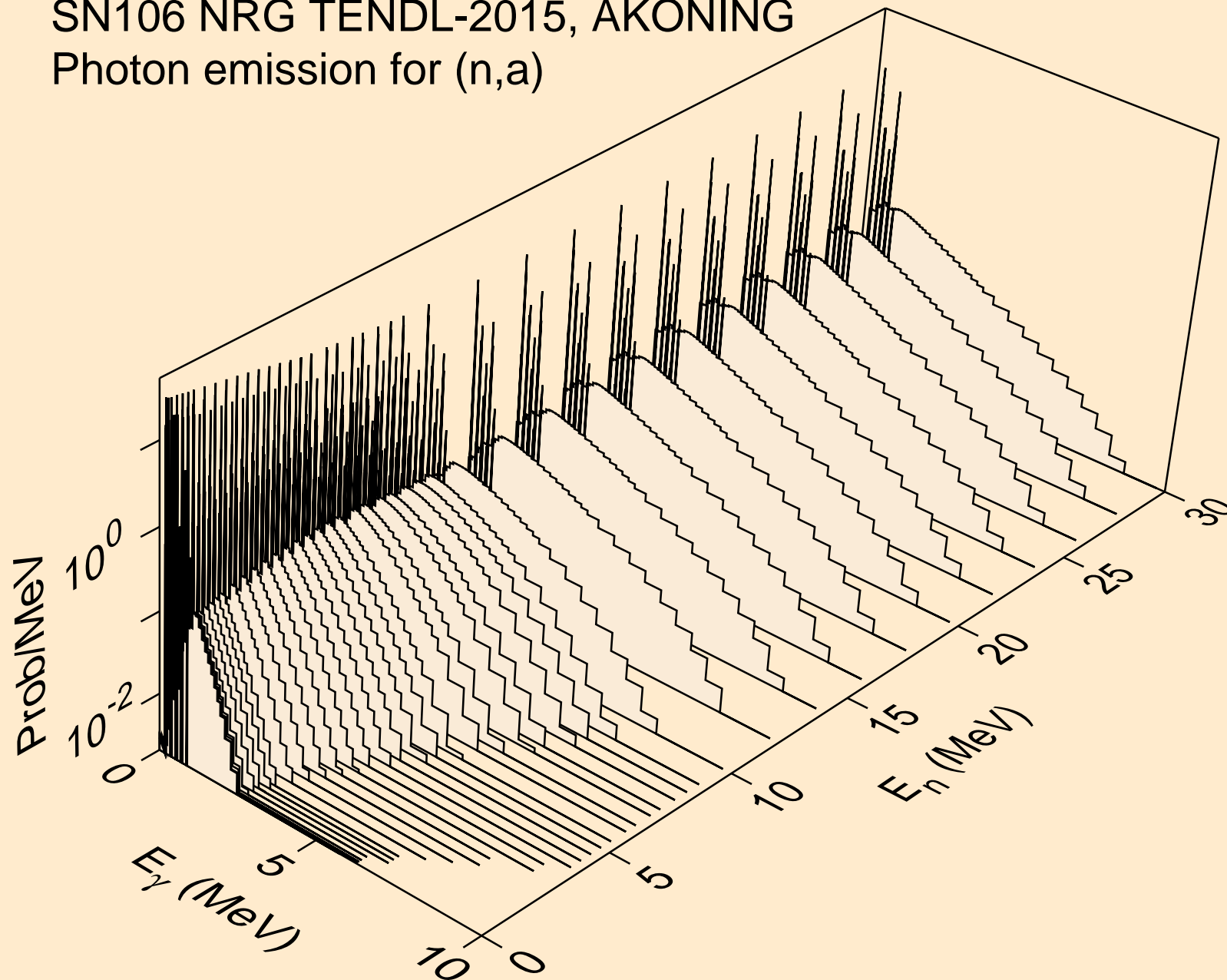




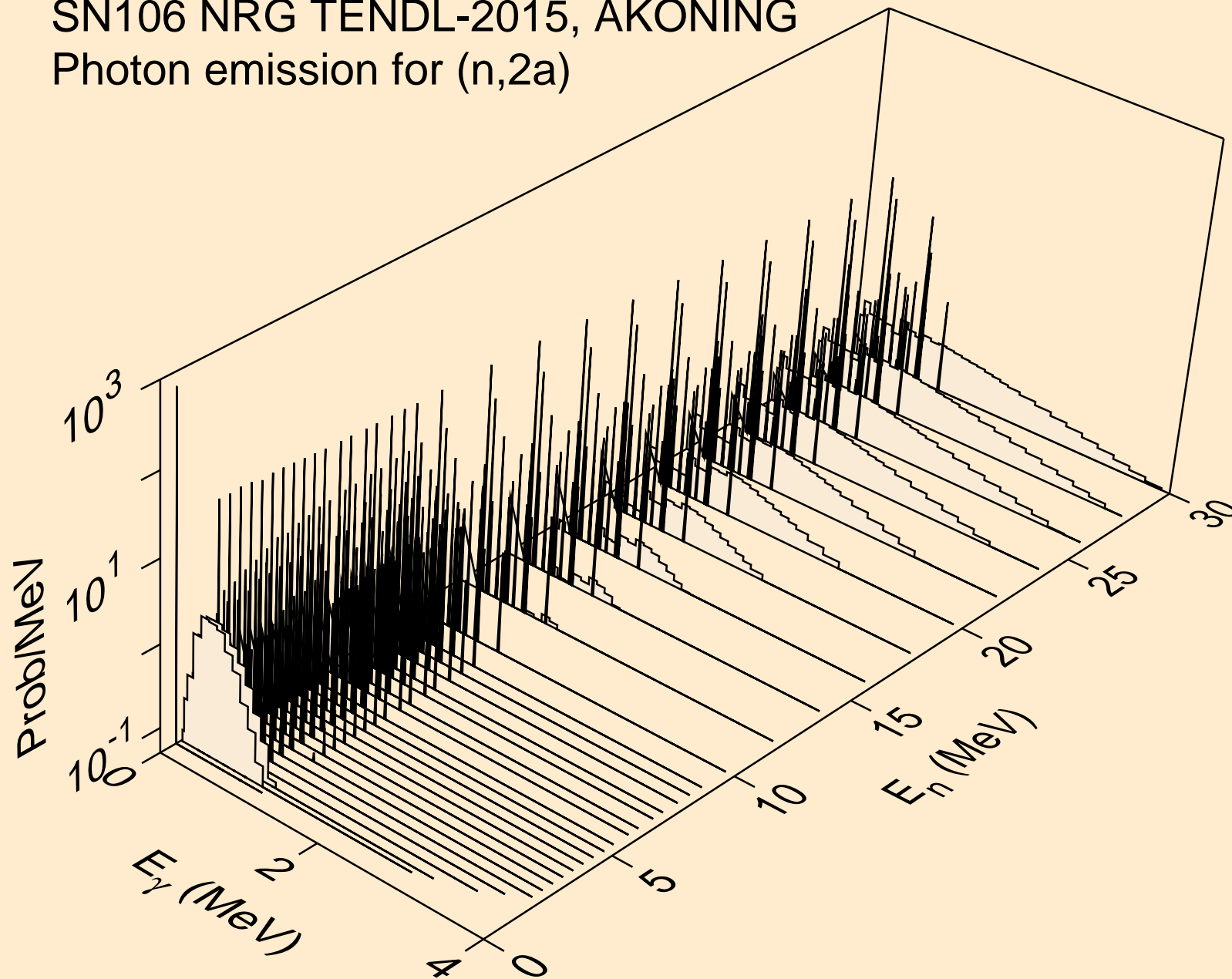
SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



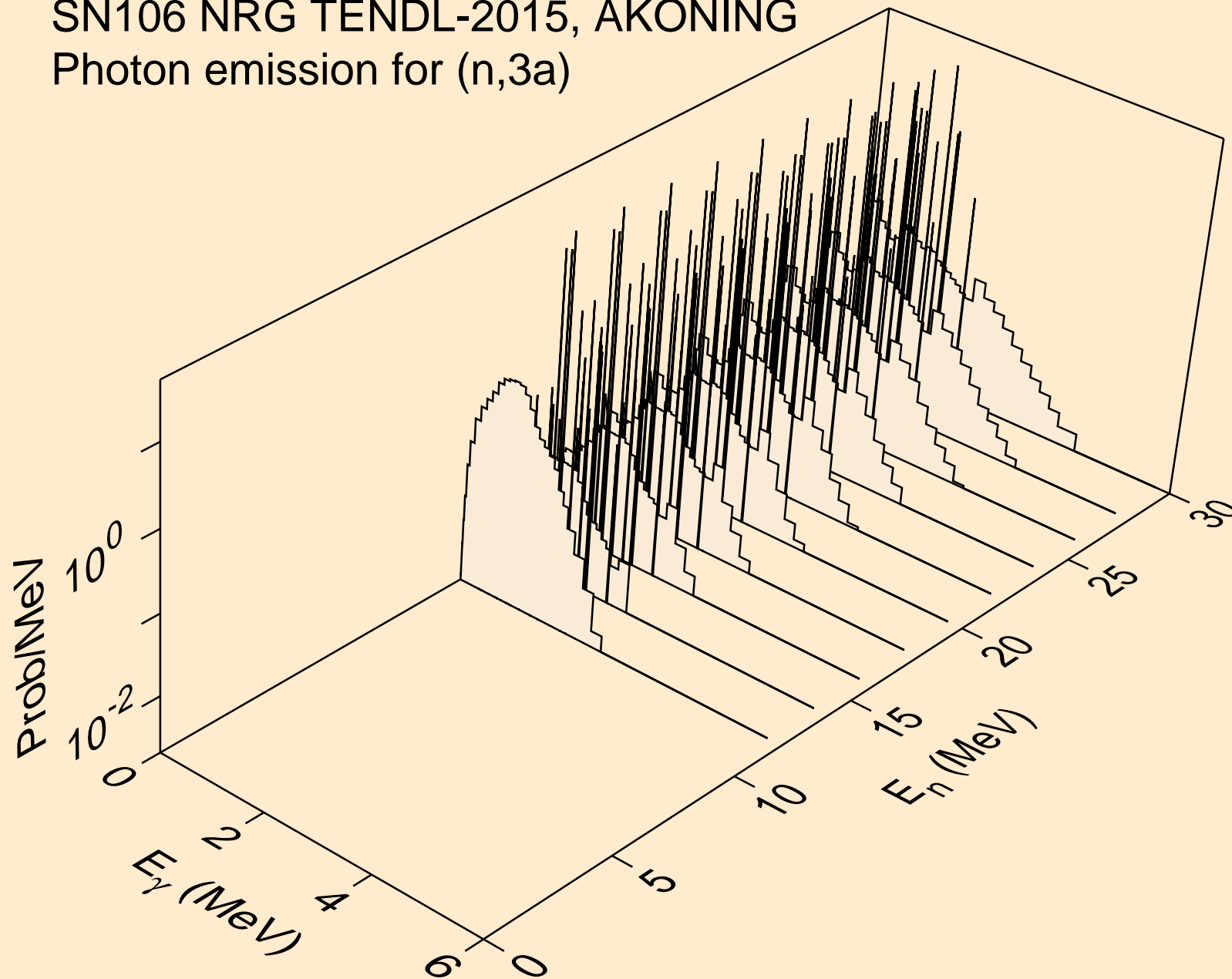
SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



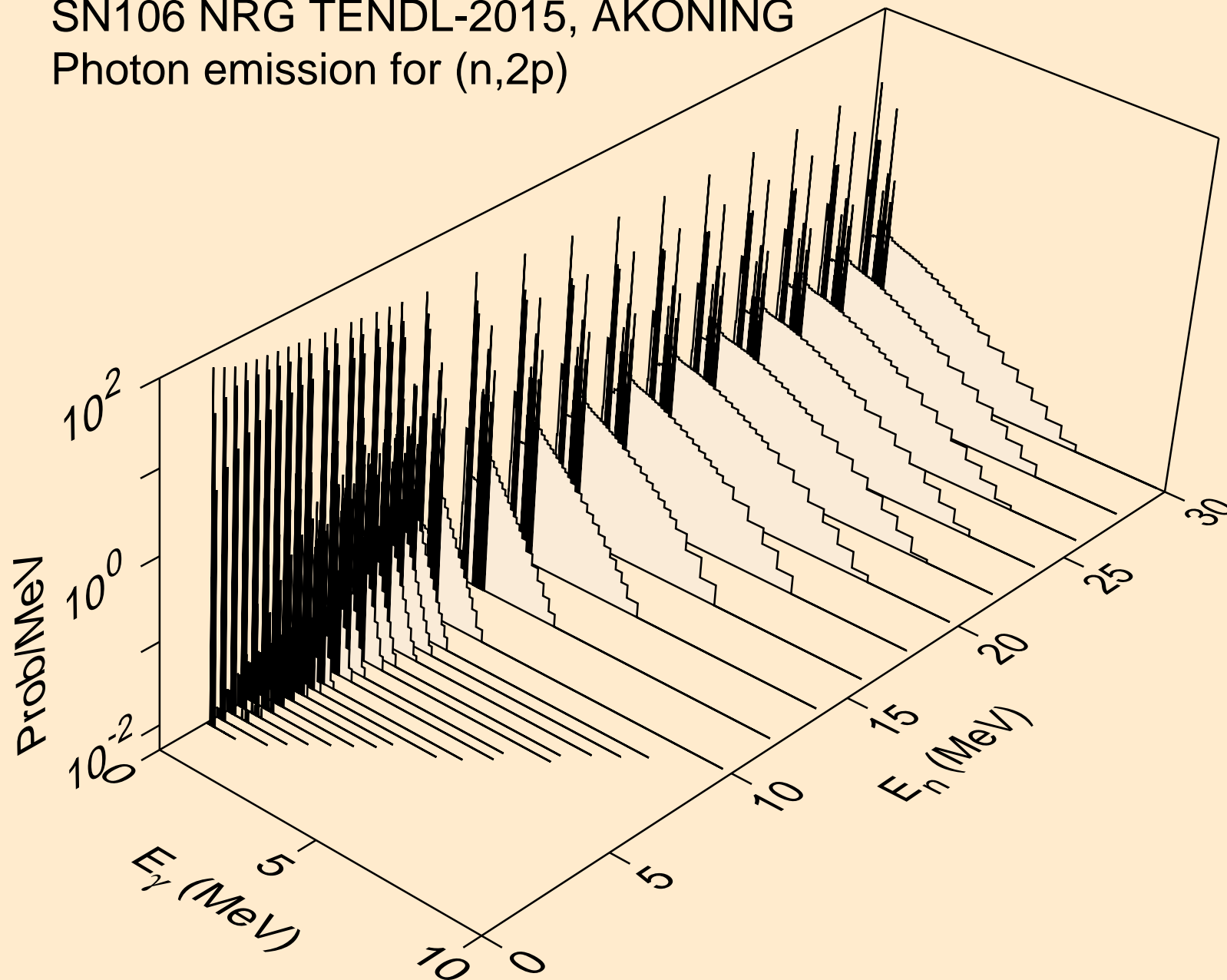
SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



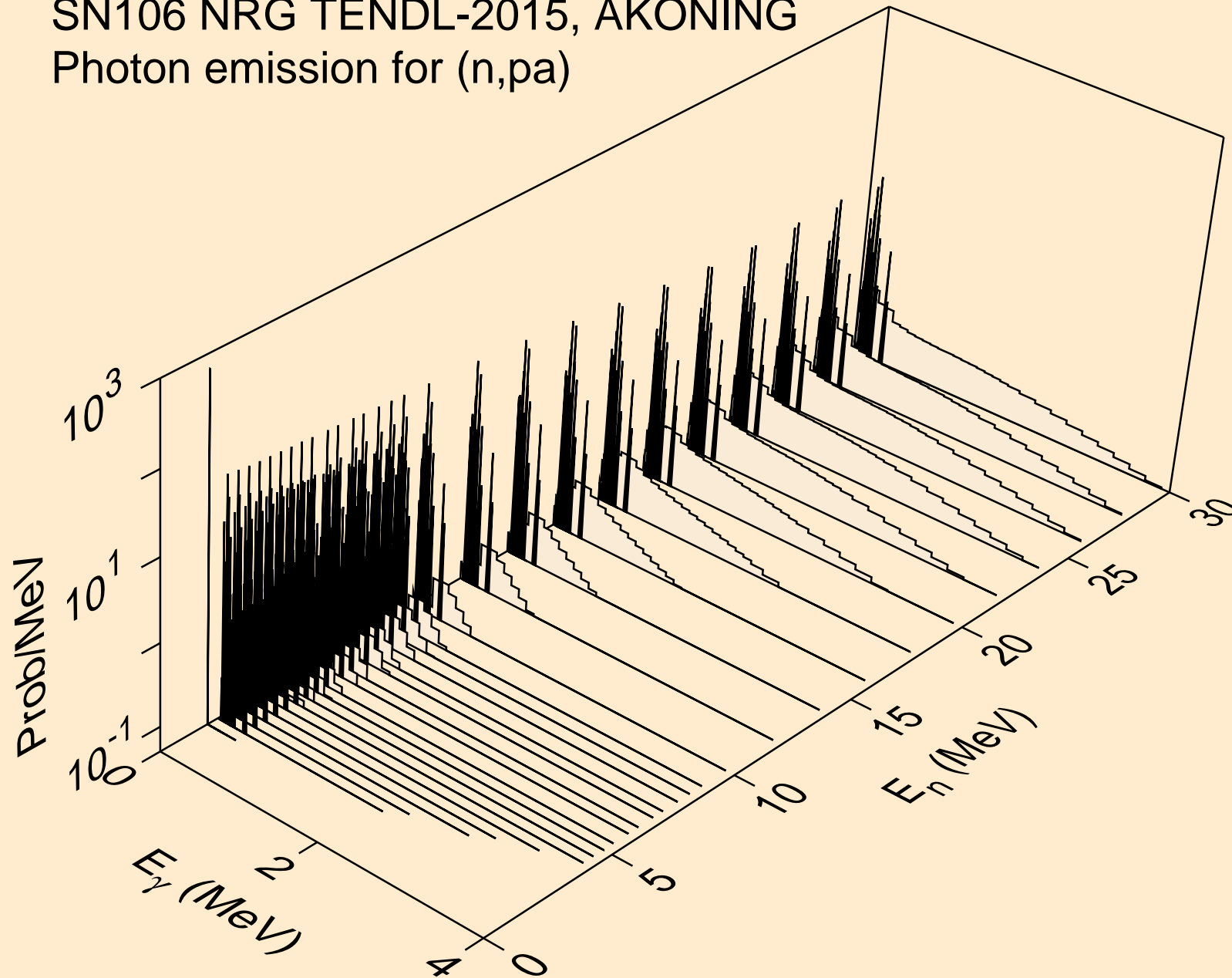
SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,3a)



SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

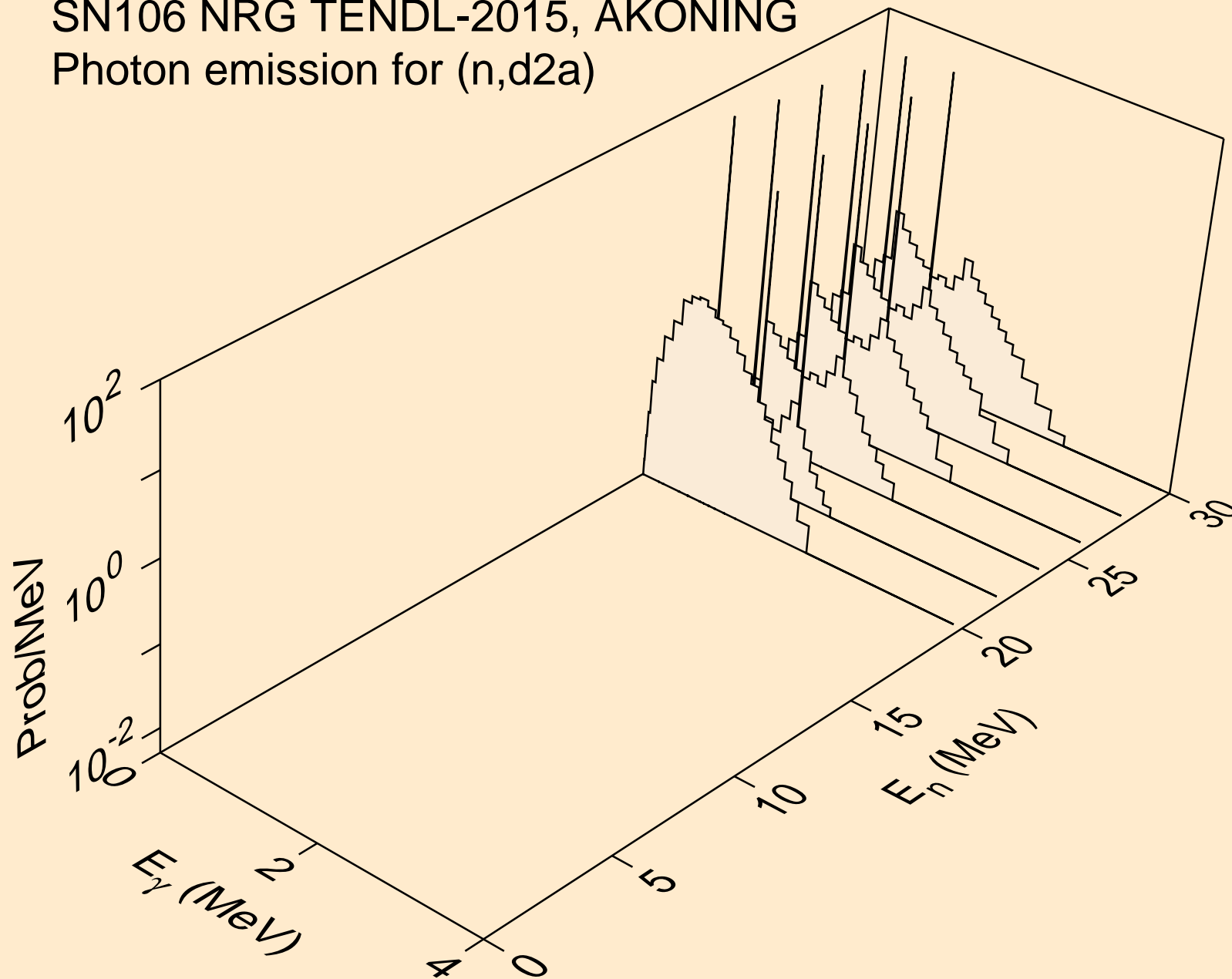


SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

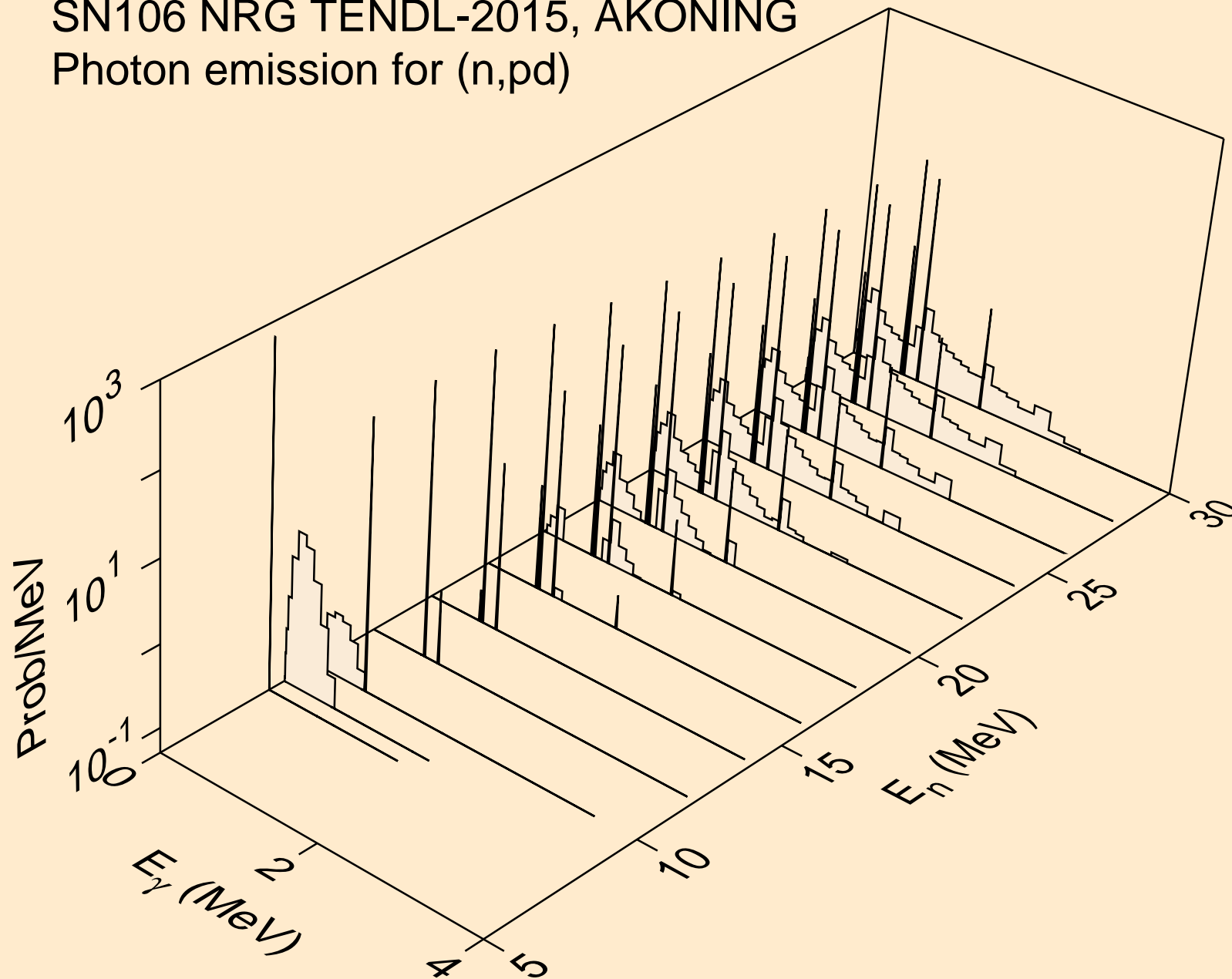


SN106 NRG TENDL-2015, AKONING

Photon emission for (n,d2a)



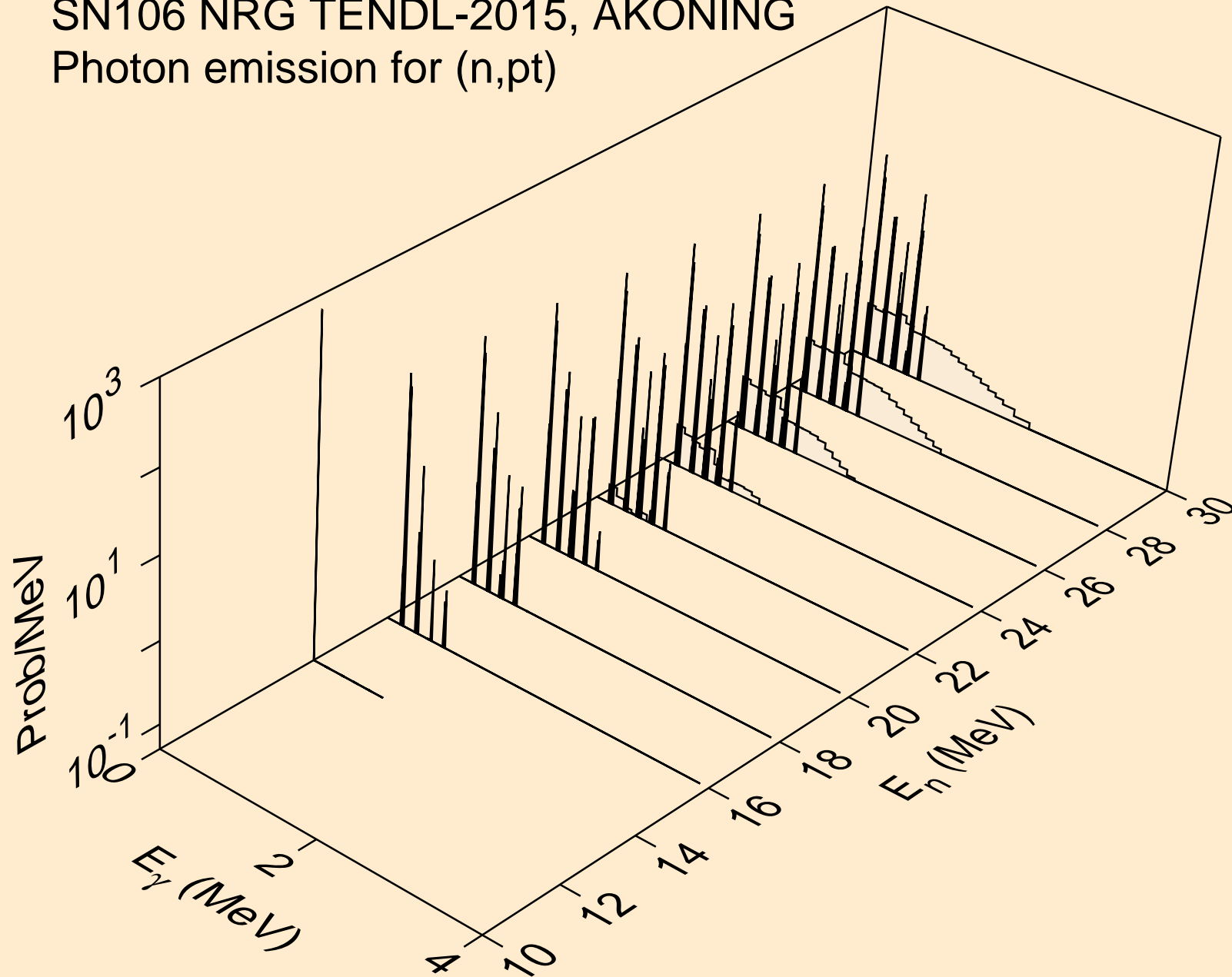
SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)



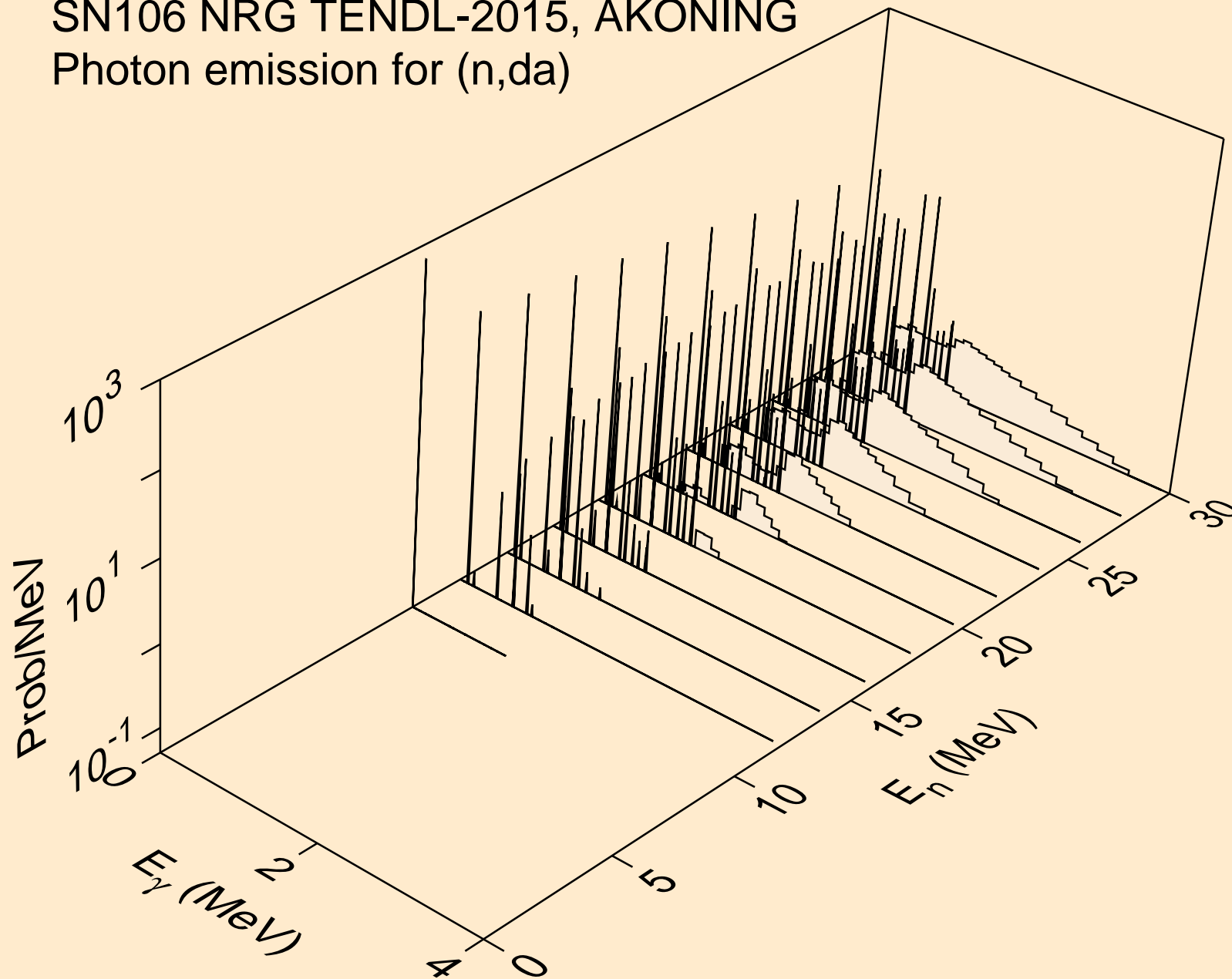


SN106 NRG TENDL-2015, AKONING

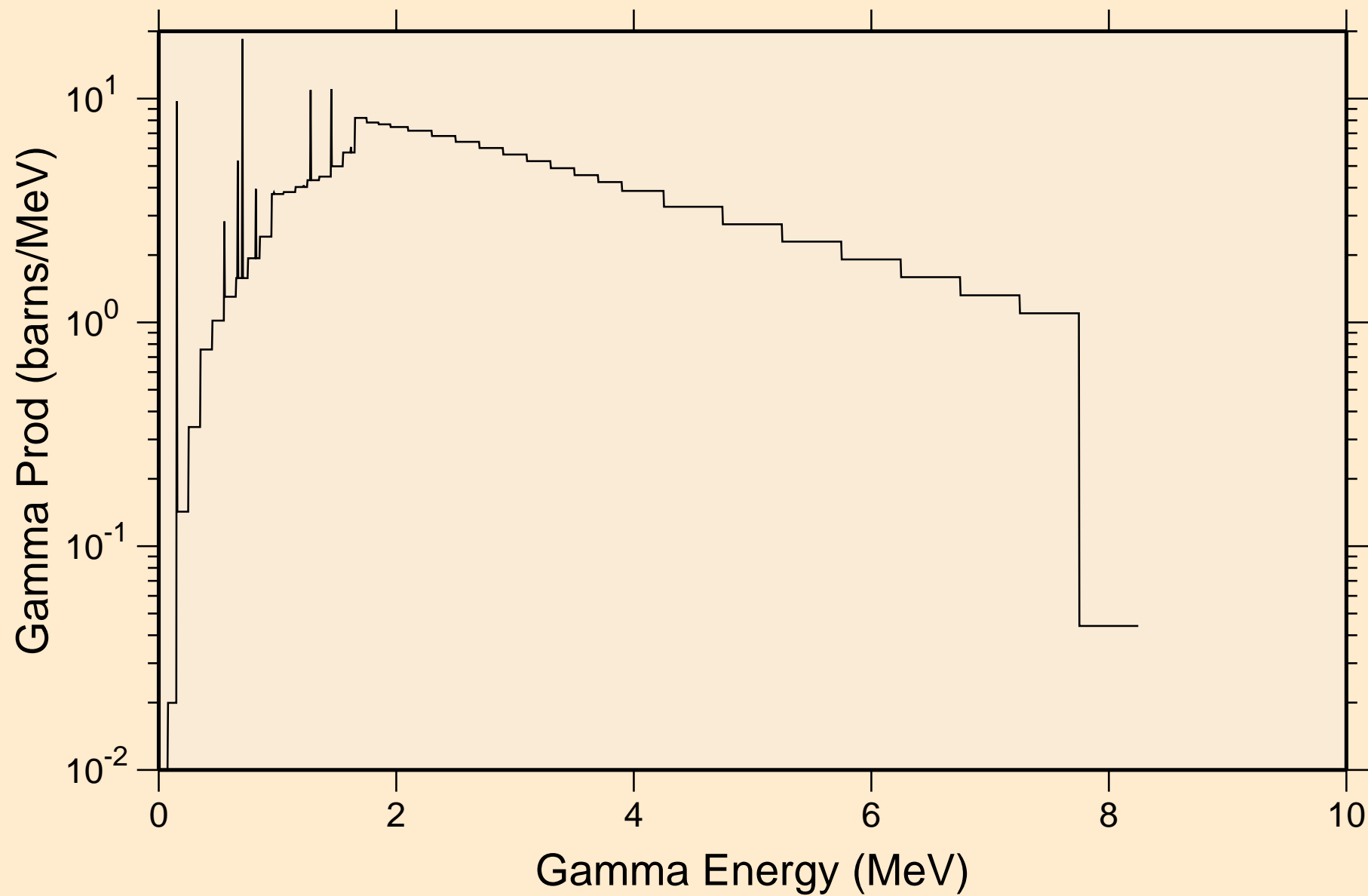
Photon emission for (n,pt)



SN106 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

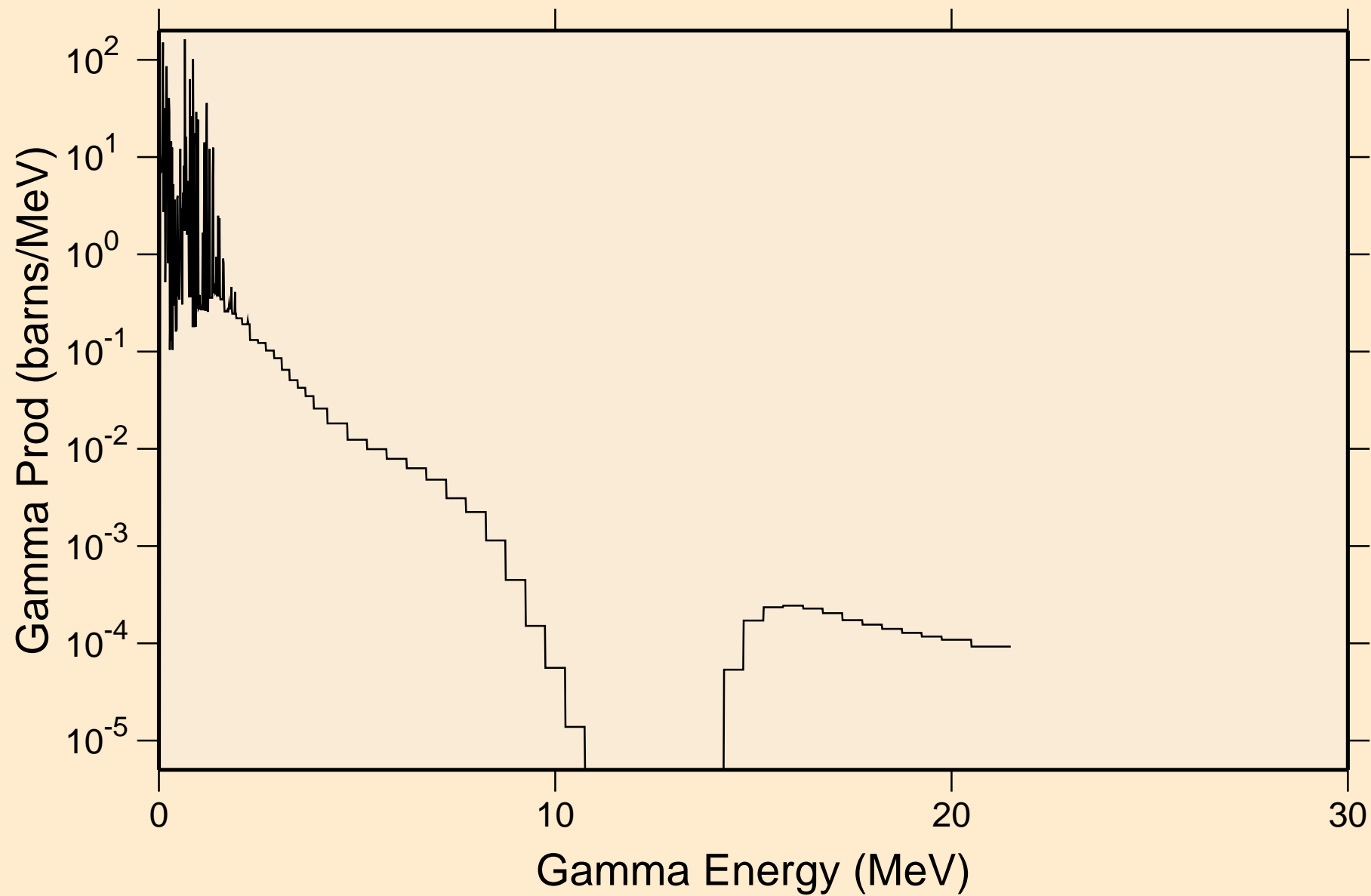


SN106 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



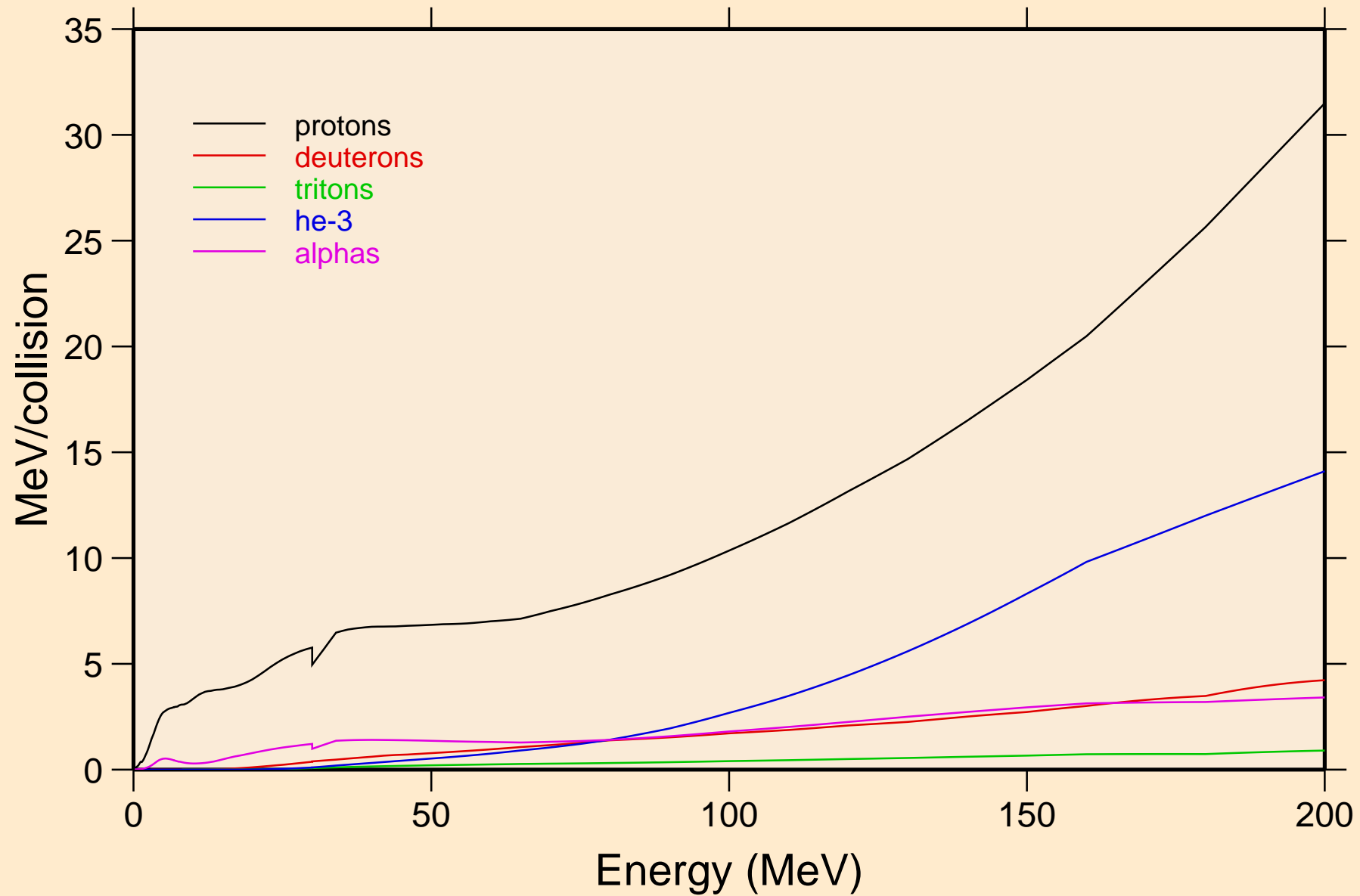
# SN106 NRG TENDL-2015, AKONING

14 MeV photon spectrum



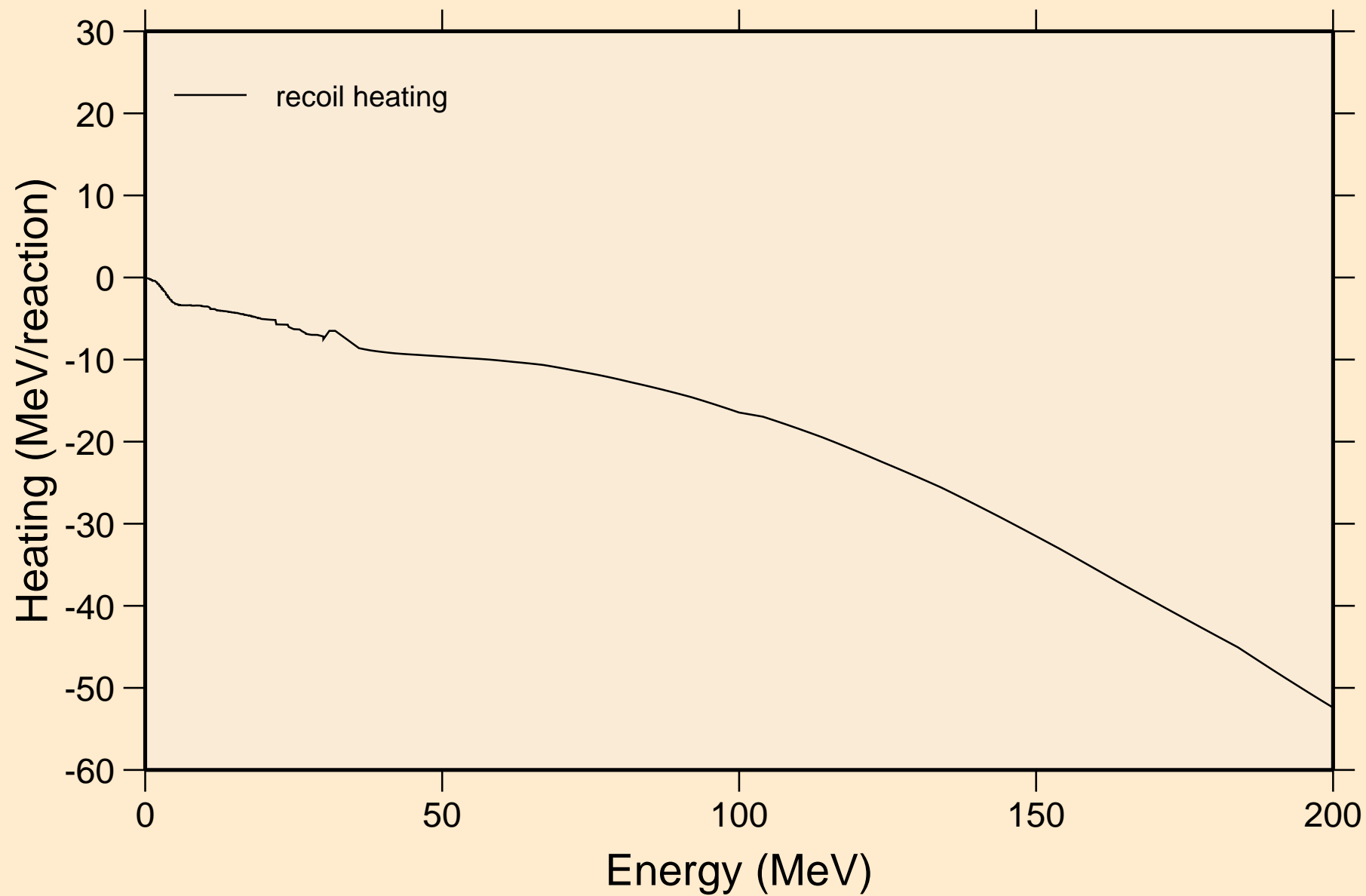
# SN106 NRG TENDL-2015, AKONING

## Particle heating contributions



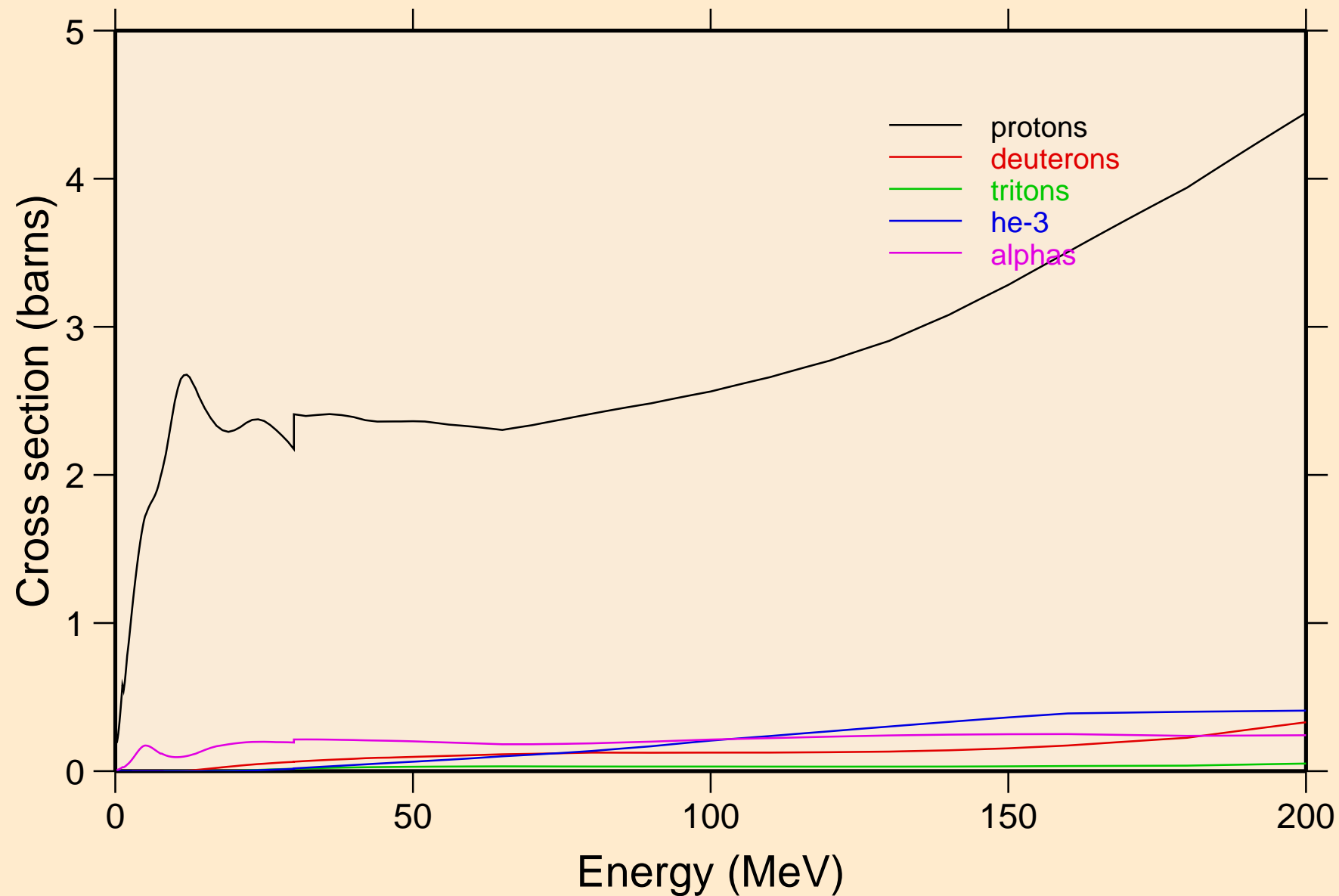
# SN106 NRG TENDL-2015, AKONING

## Recoil Heating

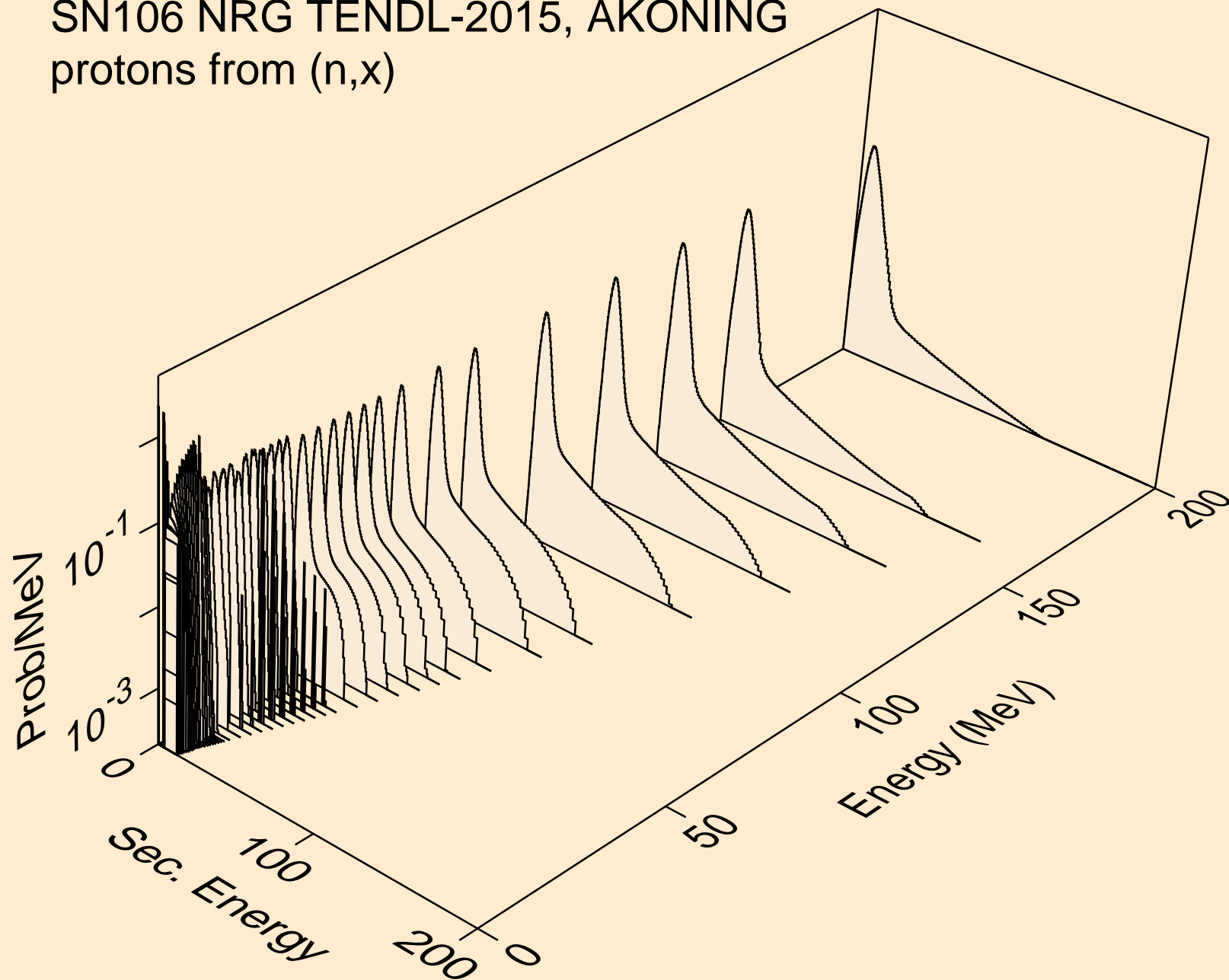


# SN106 NRG TENDL-2015, AKONING

## Particle production cross sections

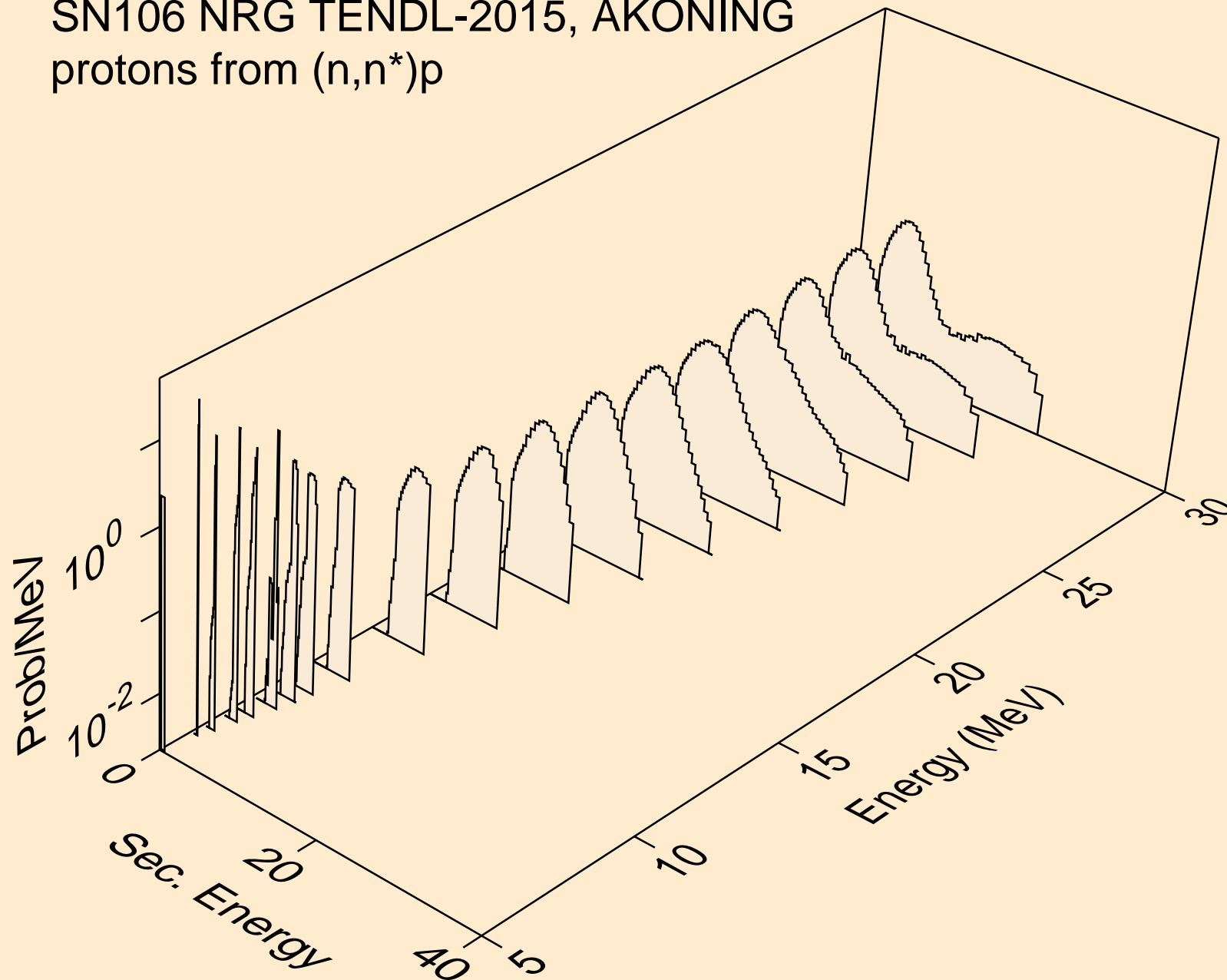


SN106 NRG TENDL-2015, AKONING  
protons from (n,x)

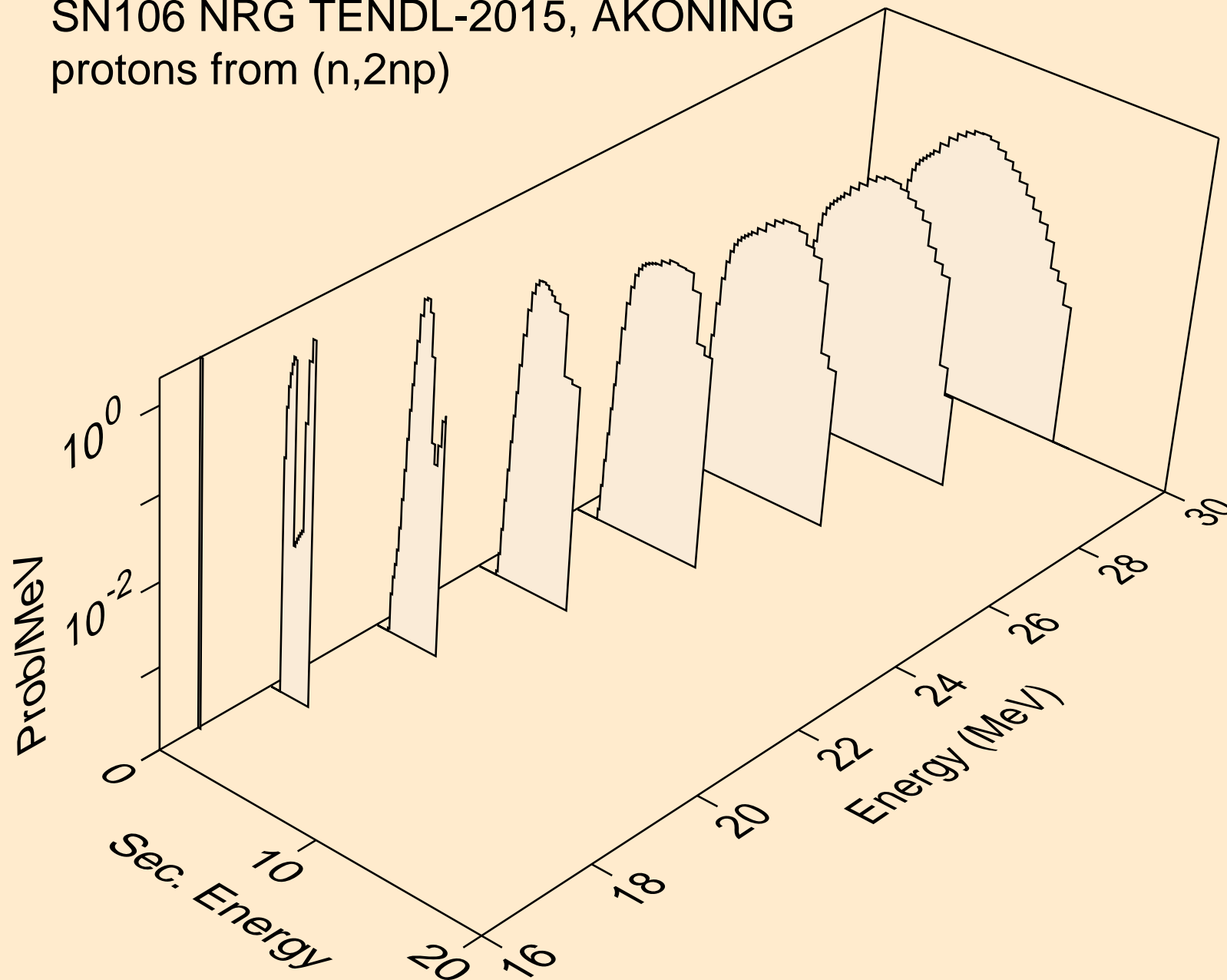




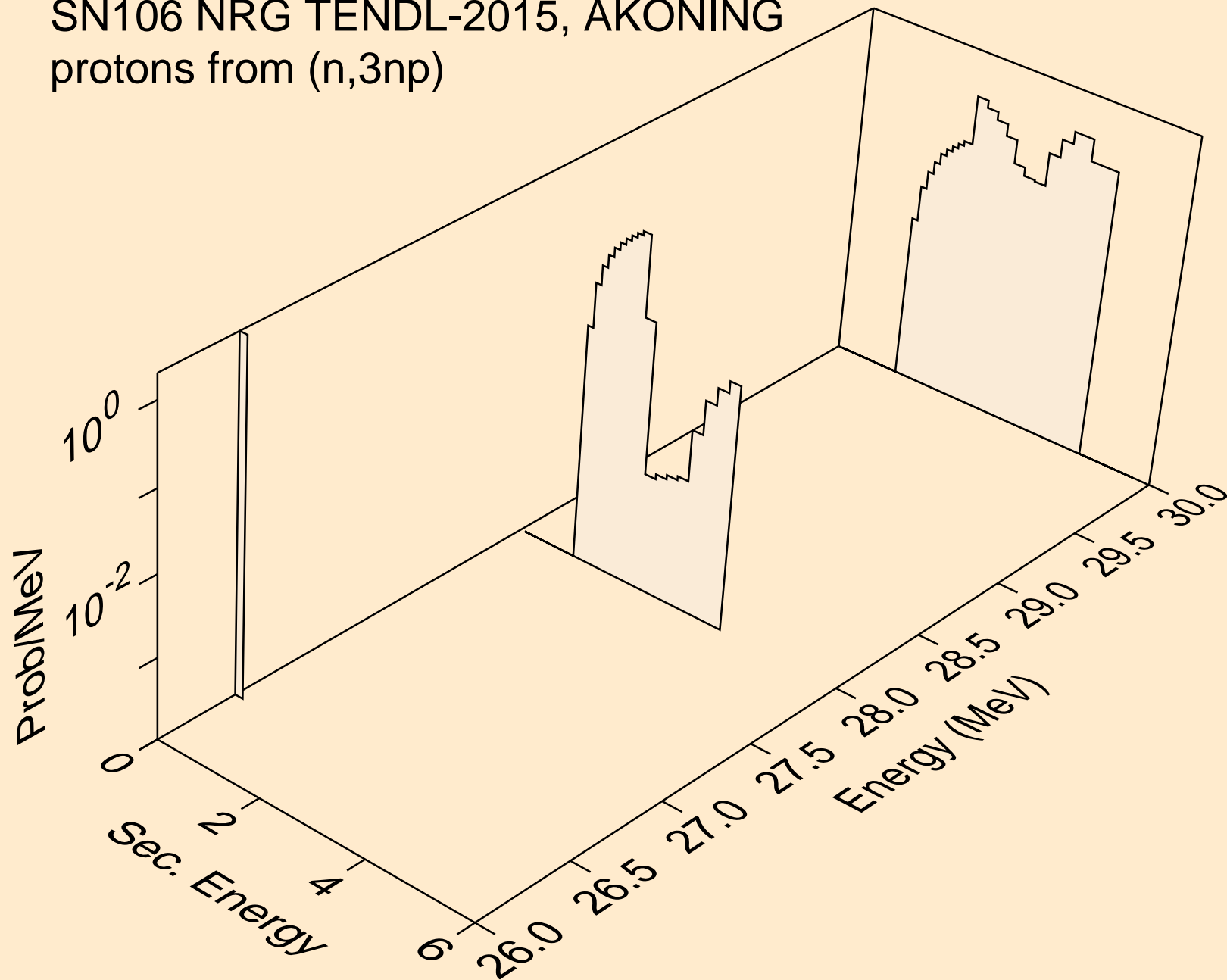
SN106 NRG TENDL-2015, AKONING  
protons from  $(n,n^*)p$



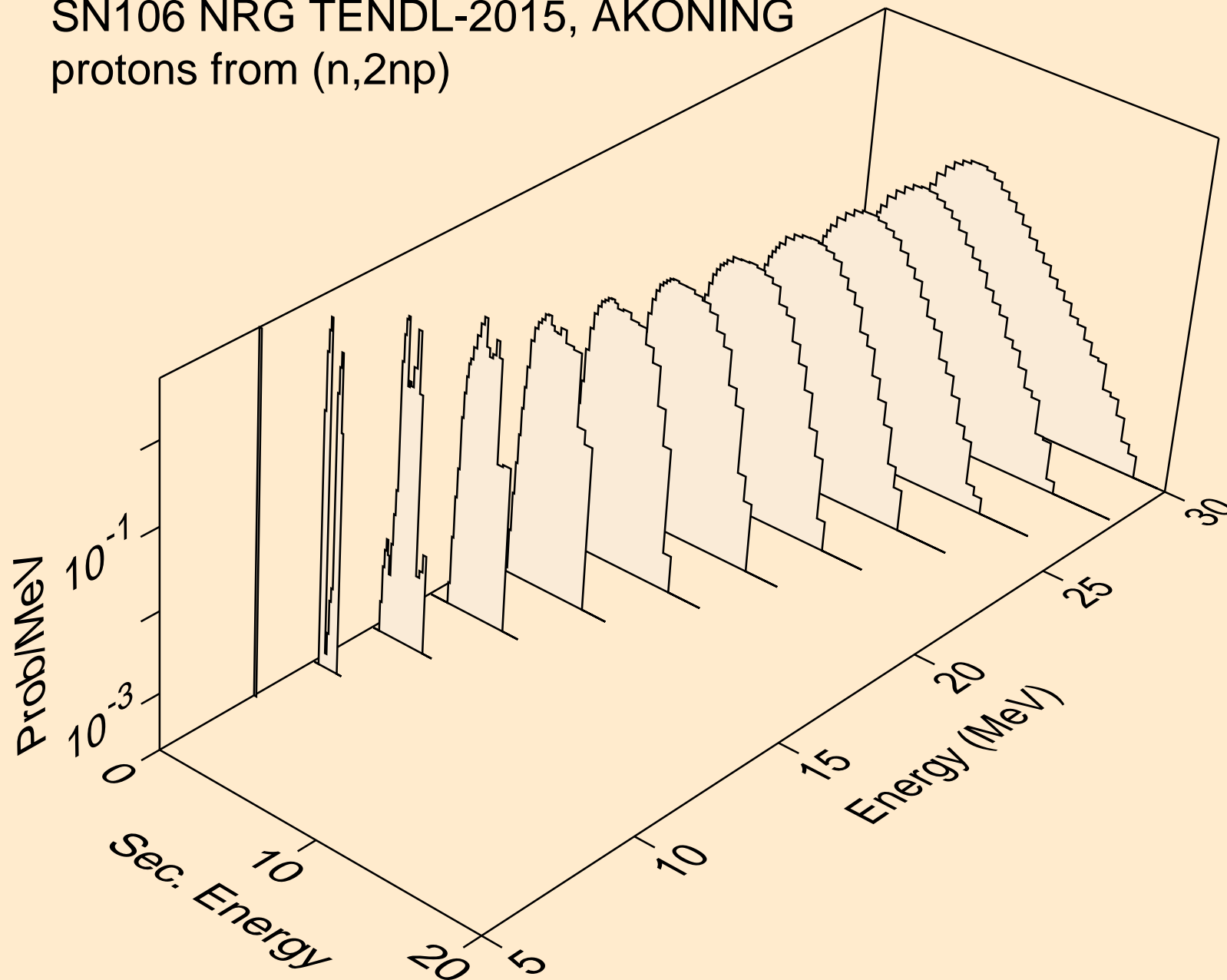
SN106 NRG TENDL-2015, AKONING  
protons from (n,2np)



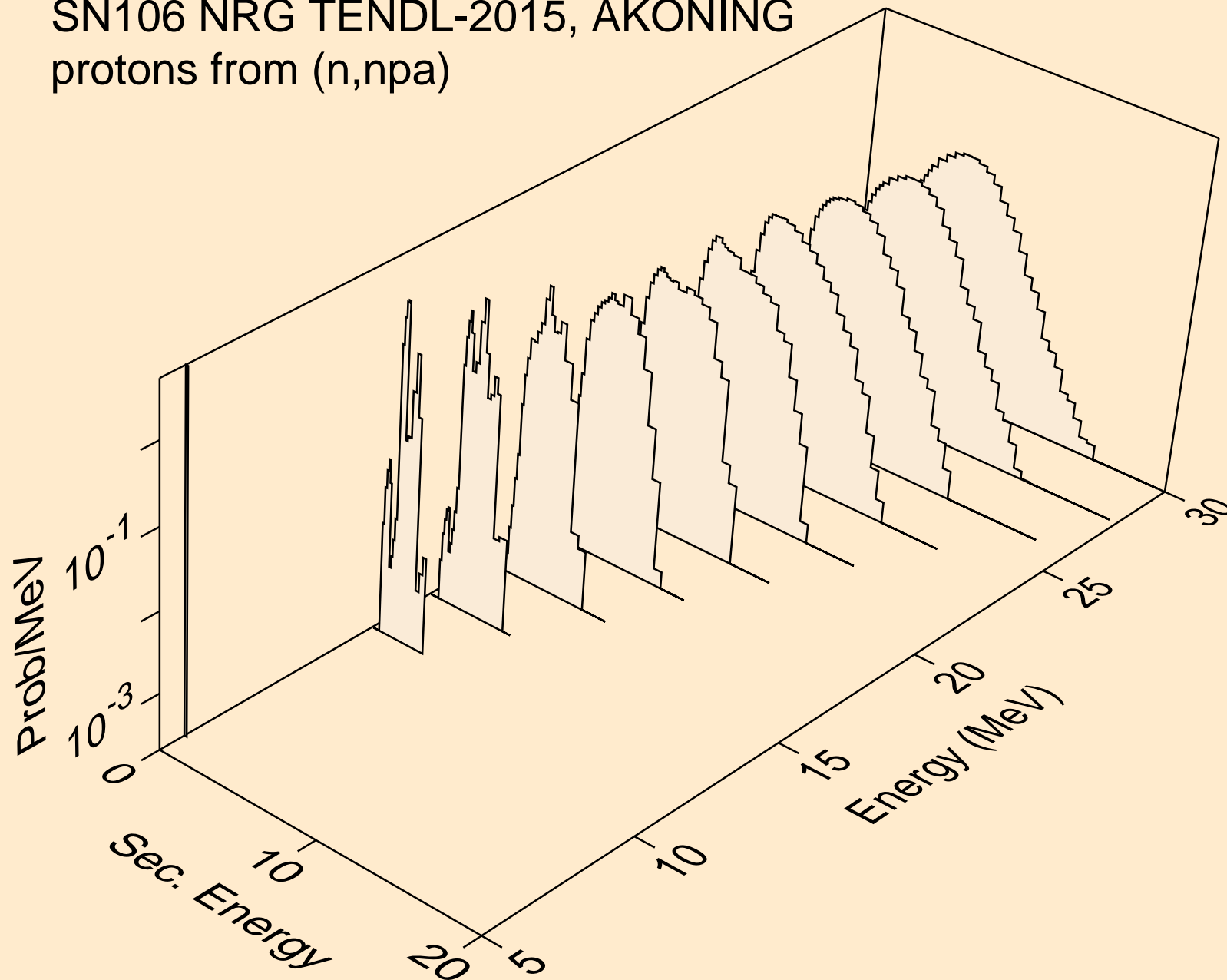
SN106 NRG TENDL-2015, AKONING  
protons from (n,3np)



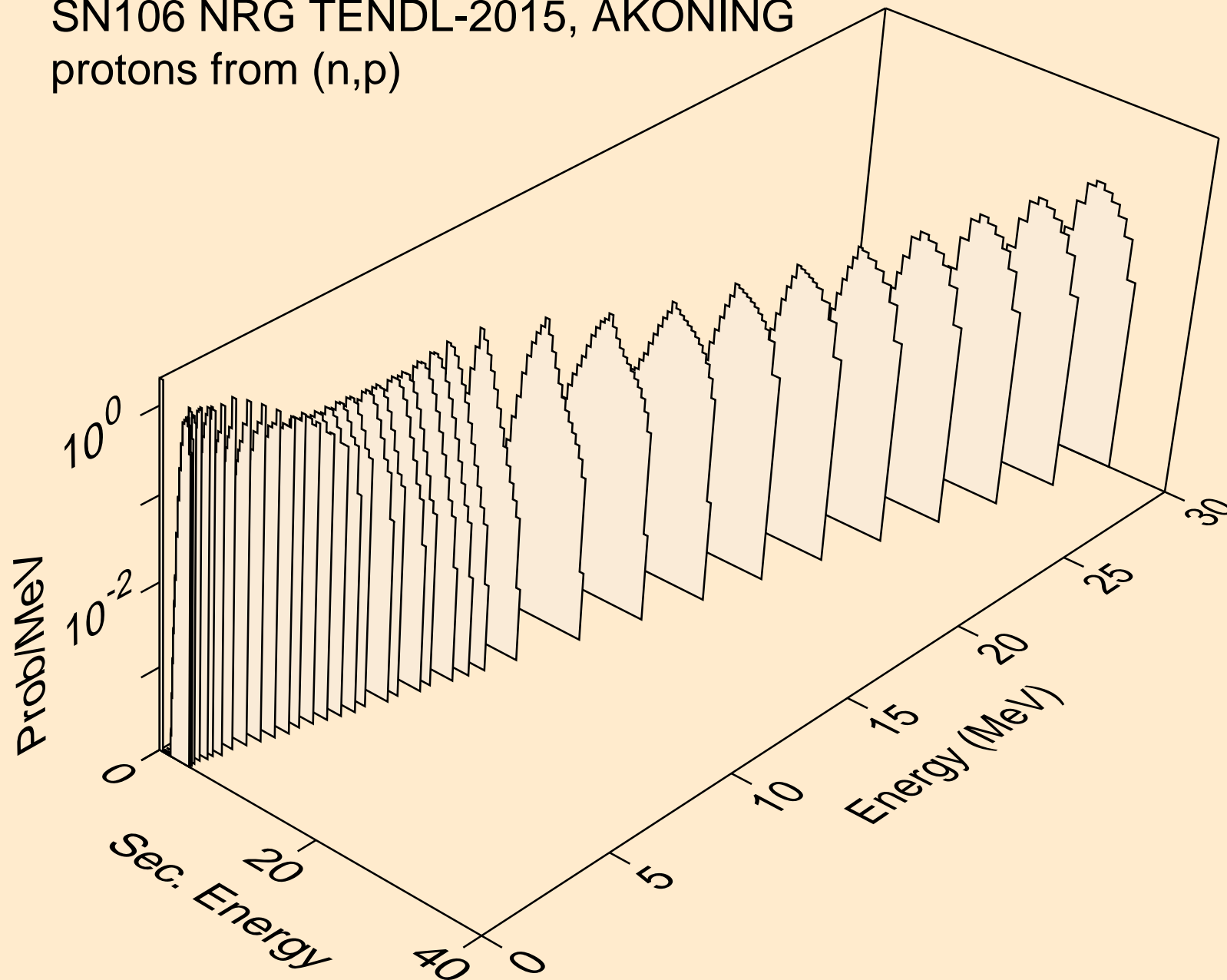
SN106 NRG TENDL-2015, AKONING  
protons from (n,2np)



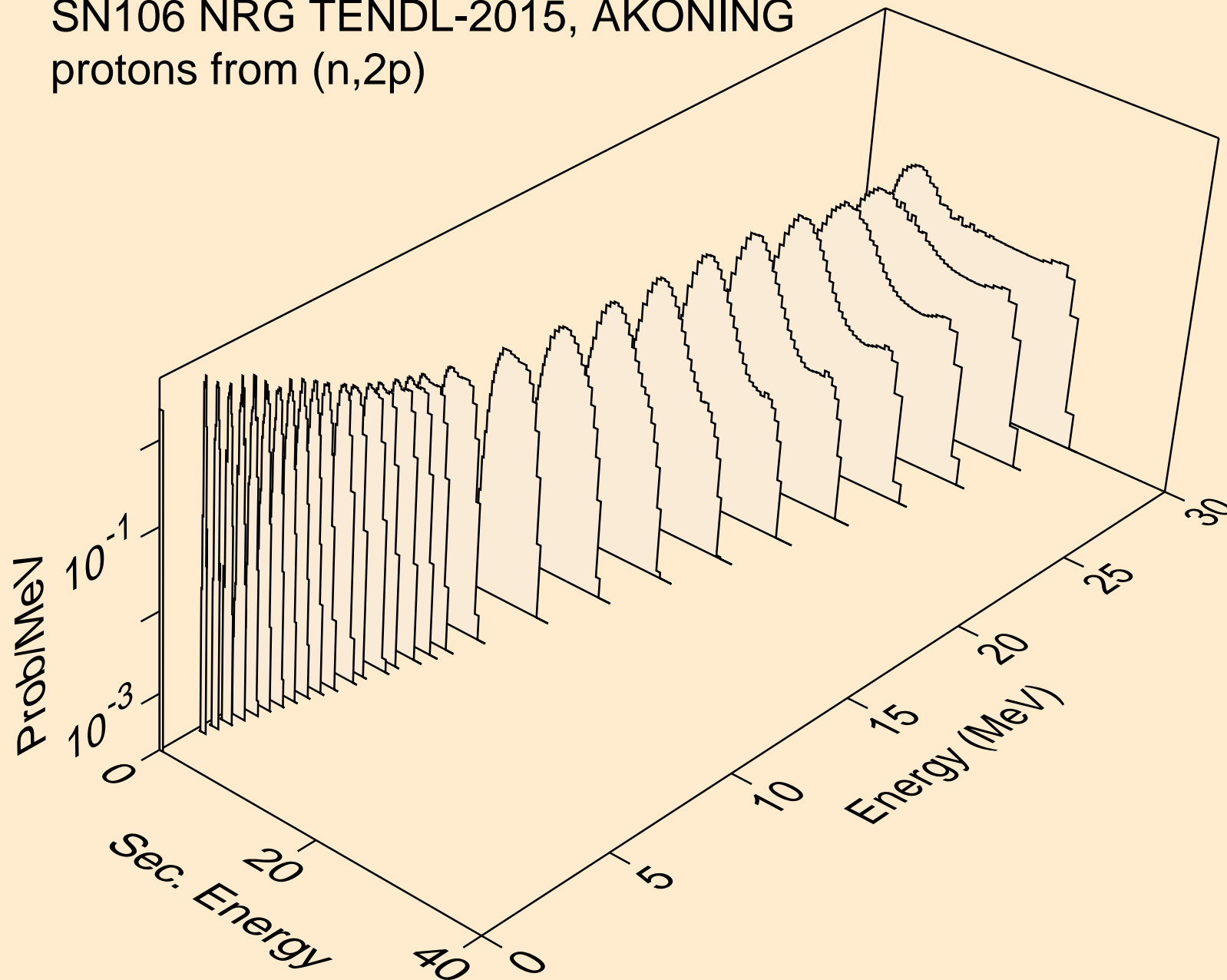
SN106 NRG TENDL-2015, AKONING  
protons from (n,npa)



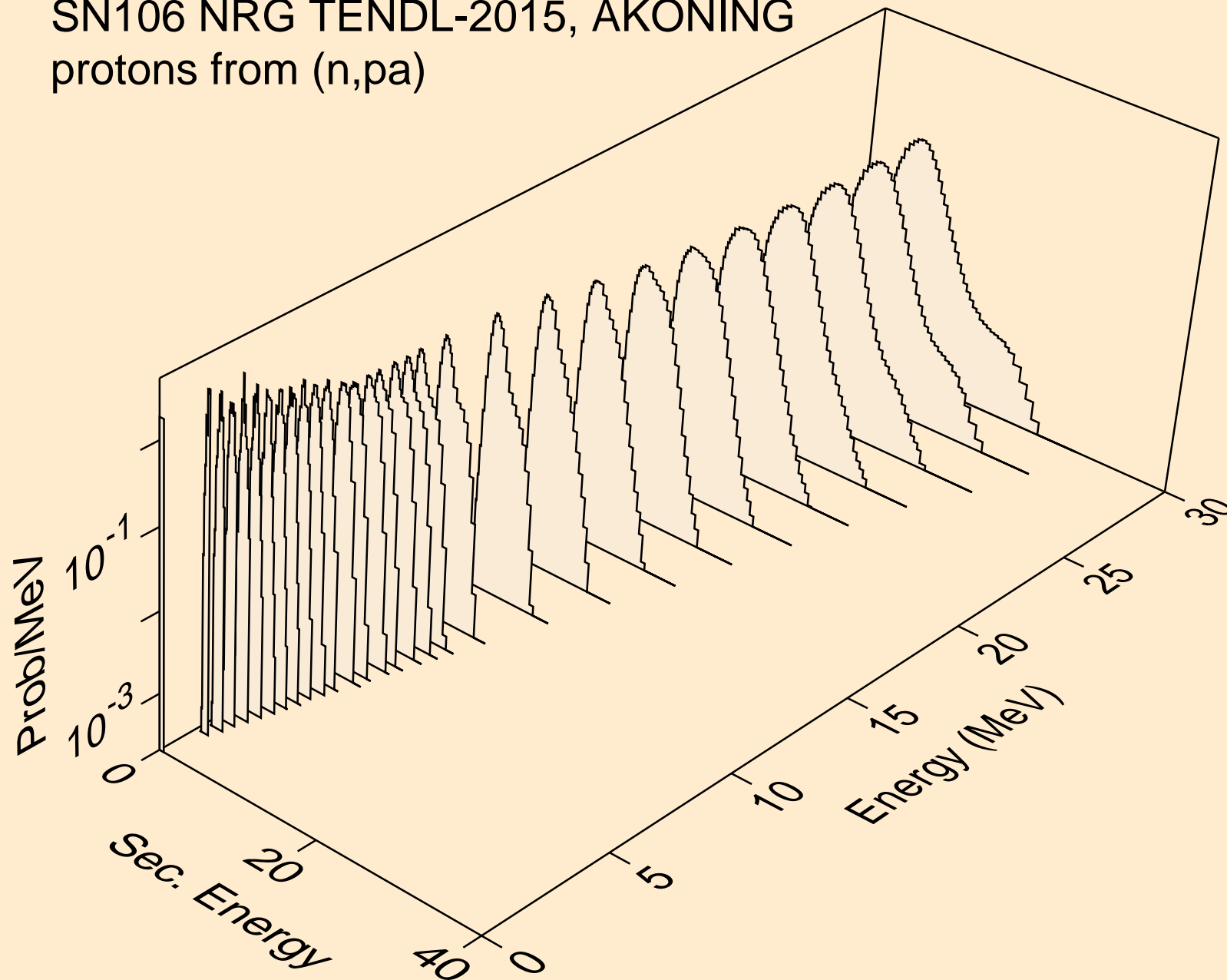
SN106 NRG TENDL-2015, AKONING  
protons from (n,p)



SN106 NRG TENDL-2015, AKONING  
protons from (n,2p)

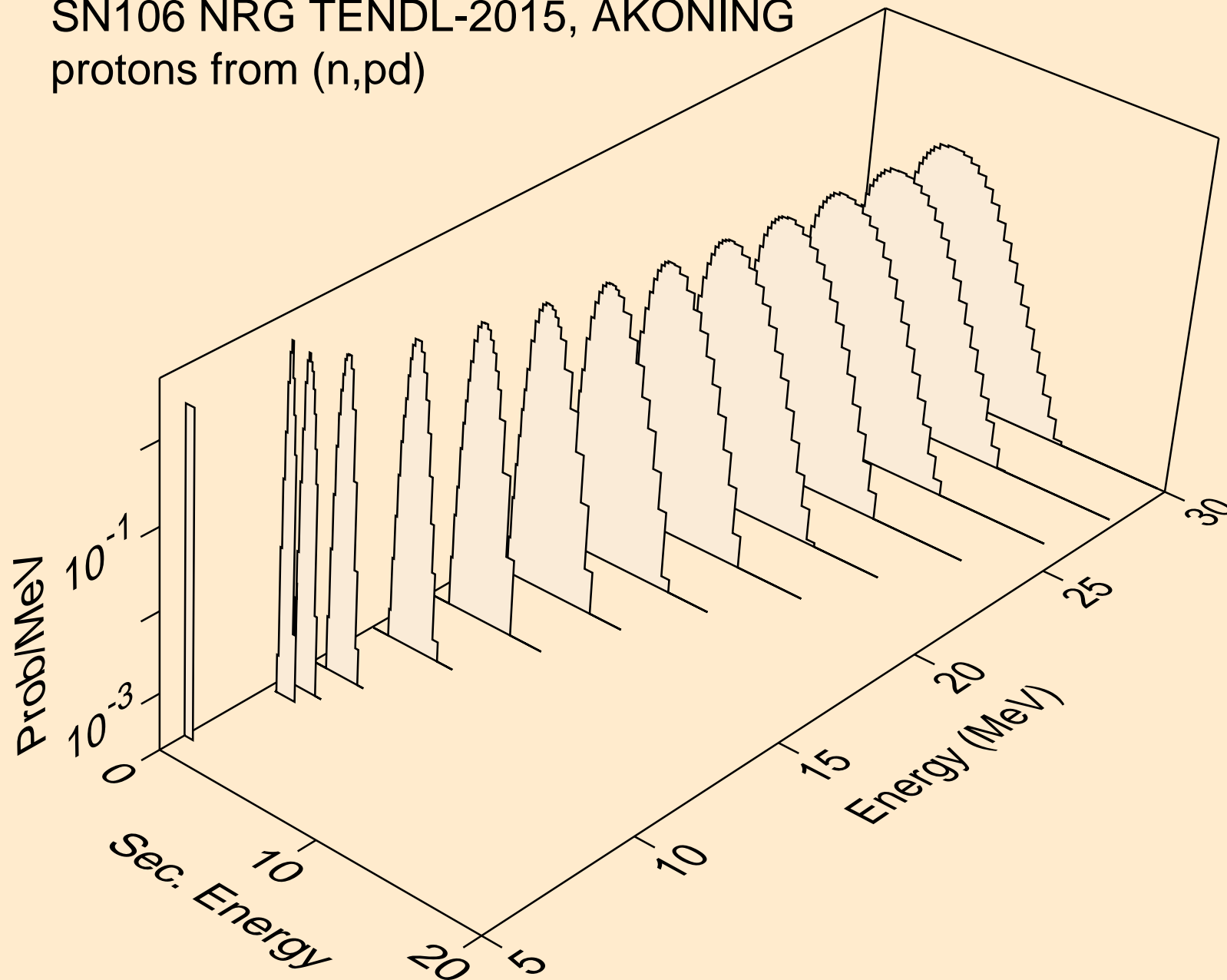


SN106 NRG TENDL-2015, AKONING  
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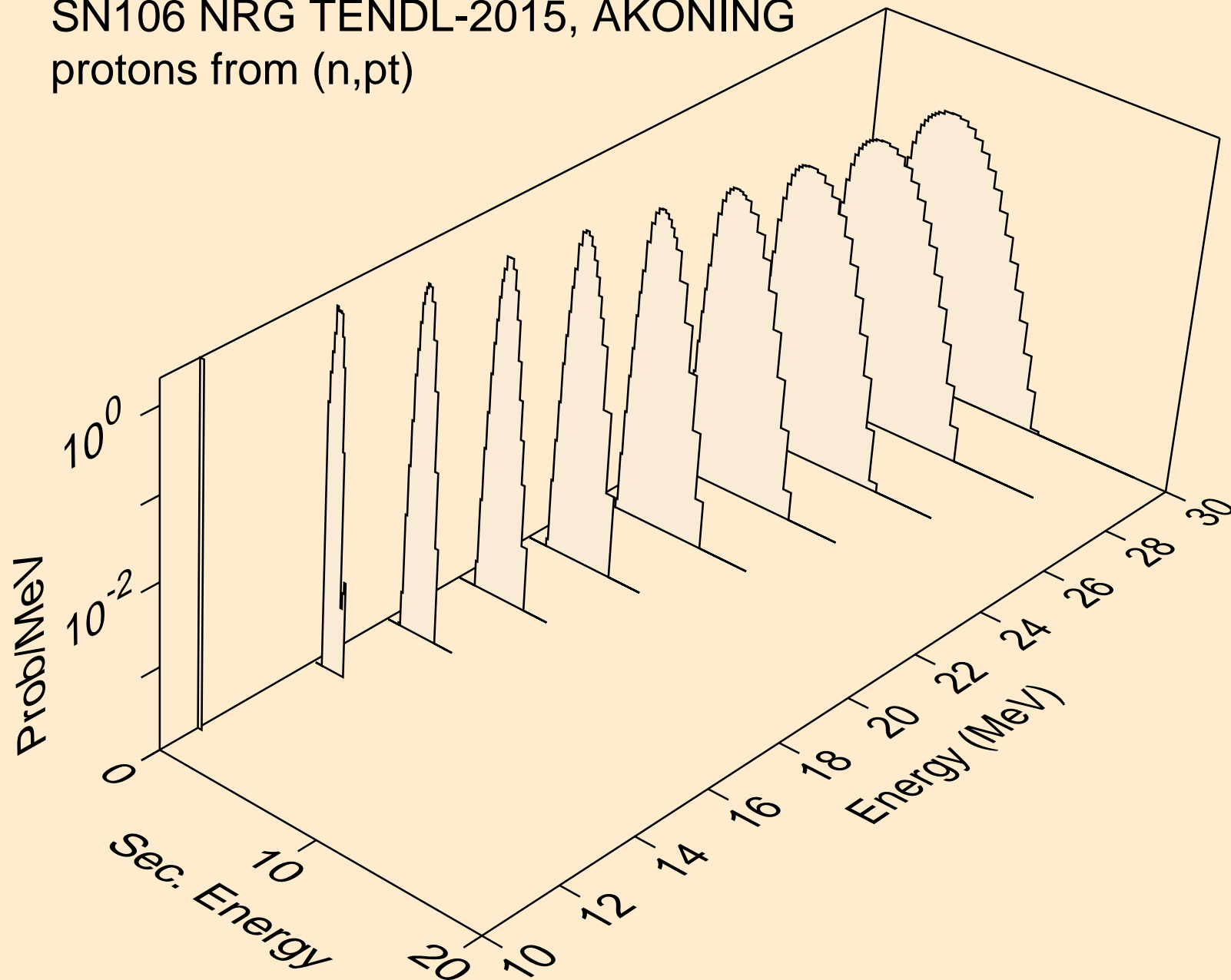




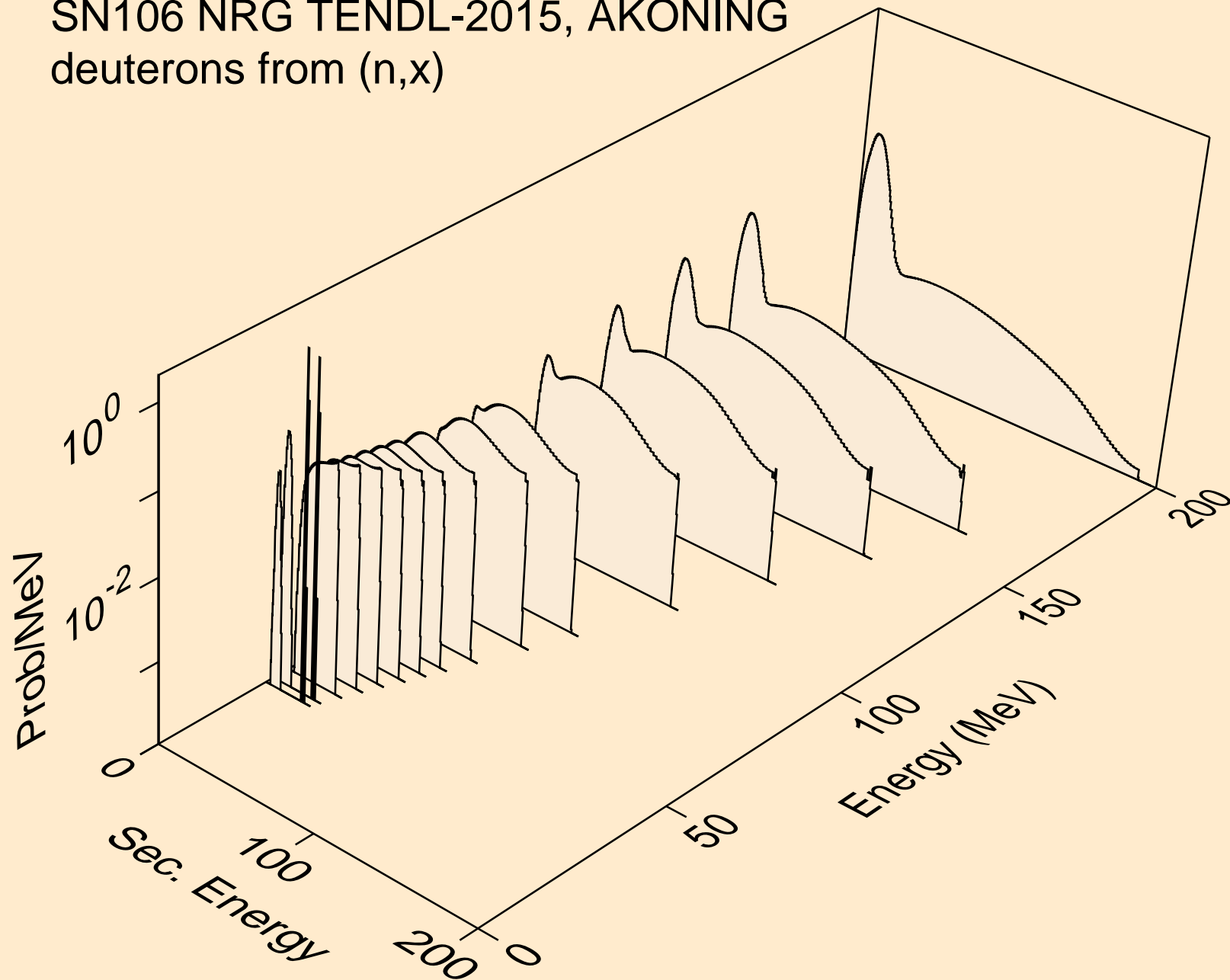
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protons from (n,pd)



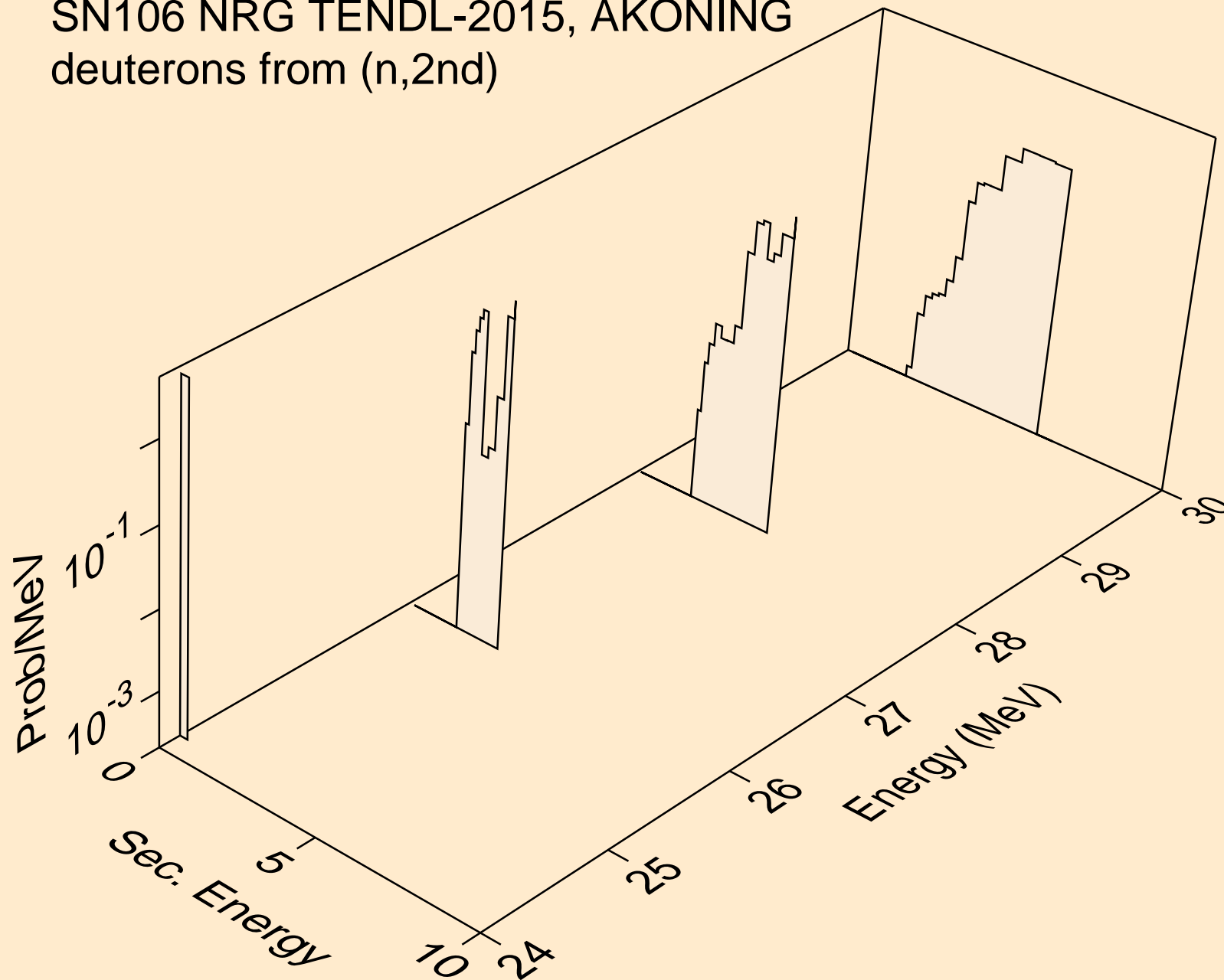
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protons from (n,pt)



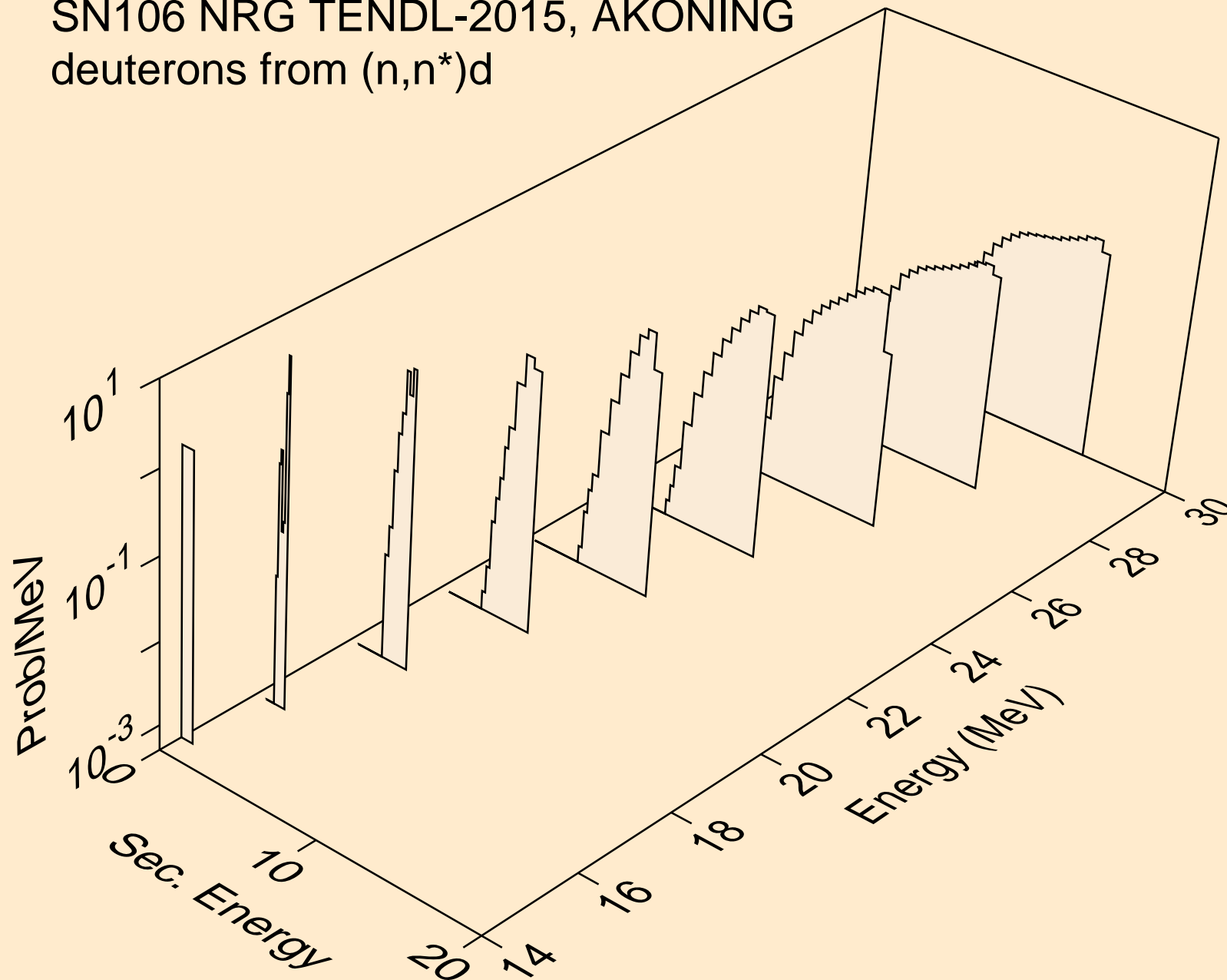
SN106 NRG TENDL-2015, AKONING  
deuterons from (n,x)



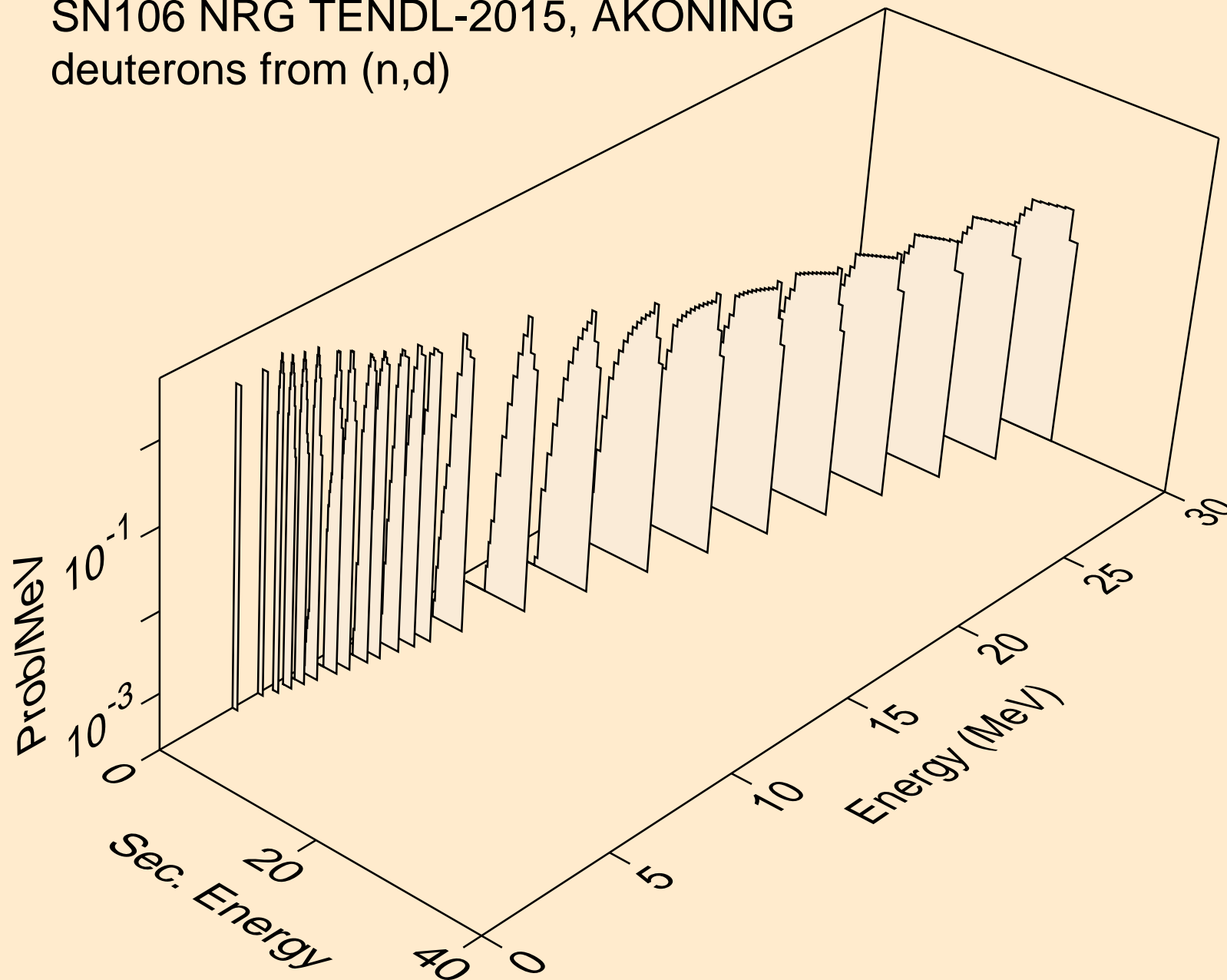
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deuterons from (n,2nd)



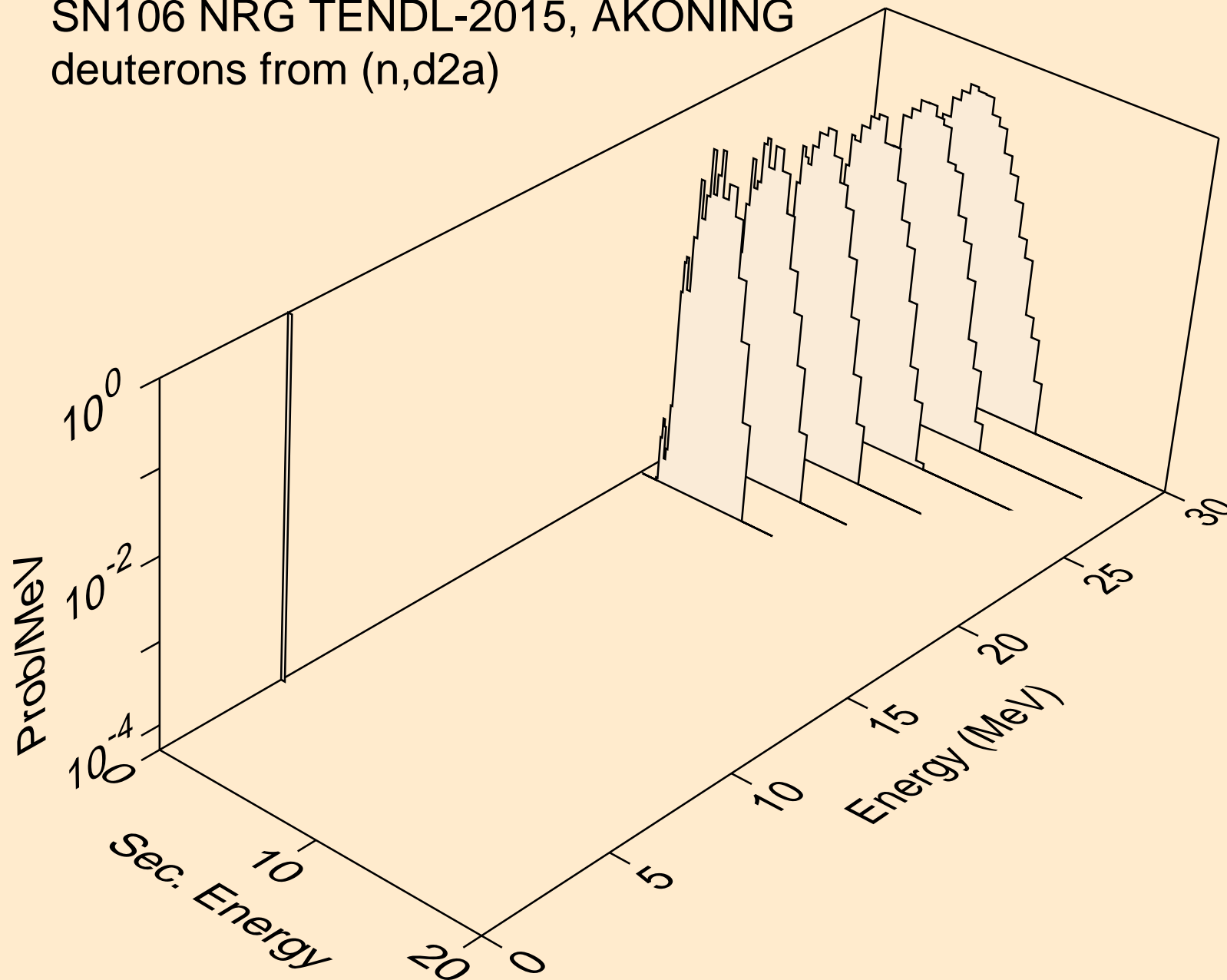
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deuterons from  $(n,n^*)d$



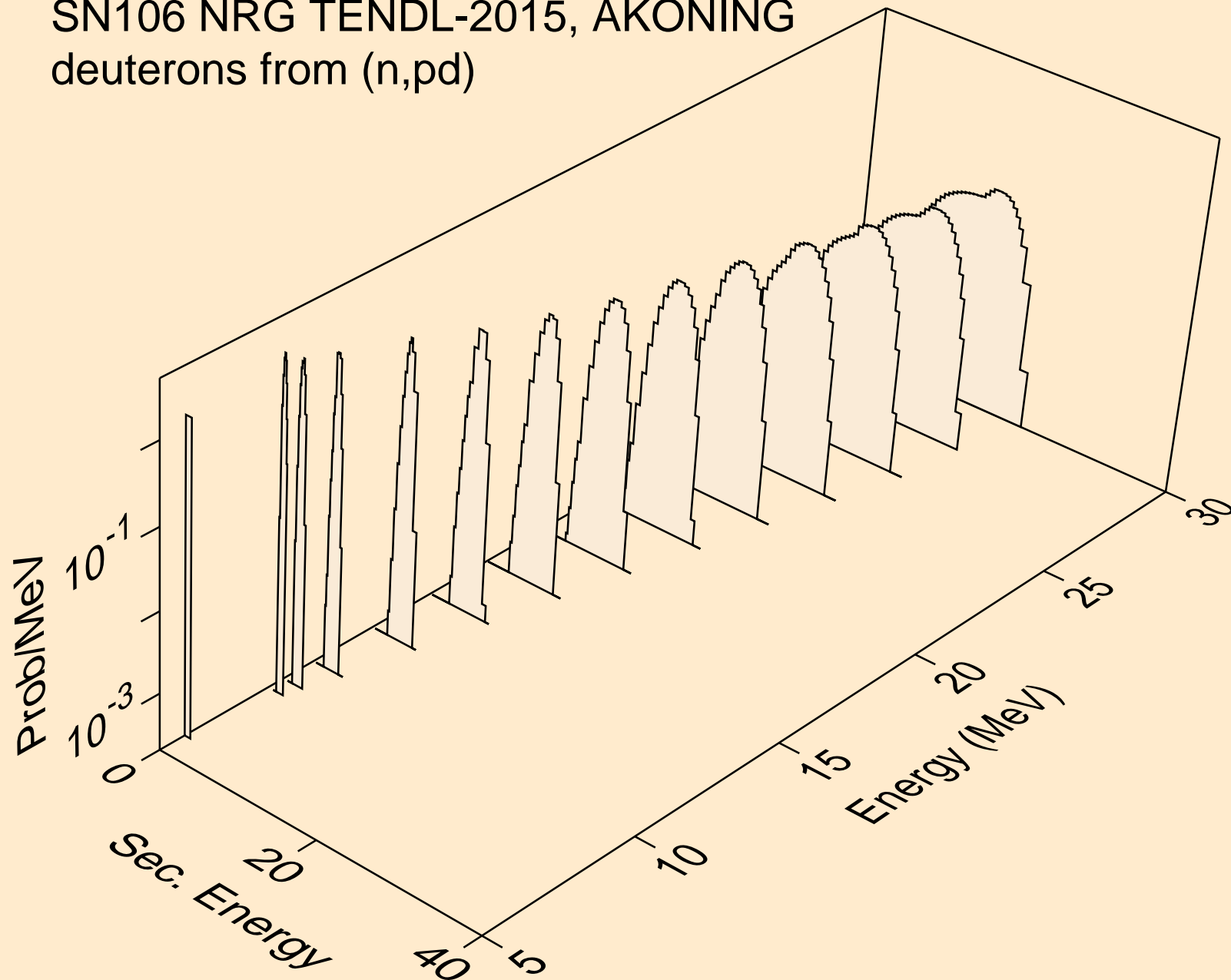
SN106 NRG TENDL-2015, AKONING  
deuterons from (n,d)



SN106 NRG TENDL-2015, AKONING  
deuterons from (n,d2a)

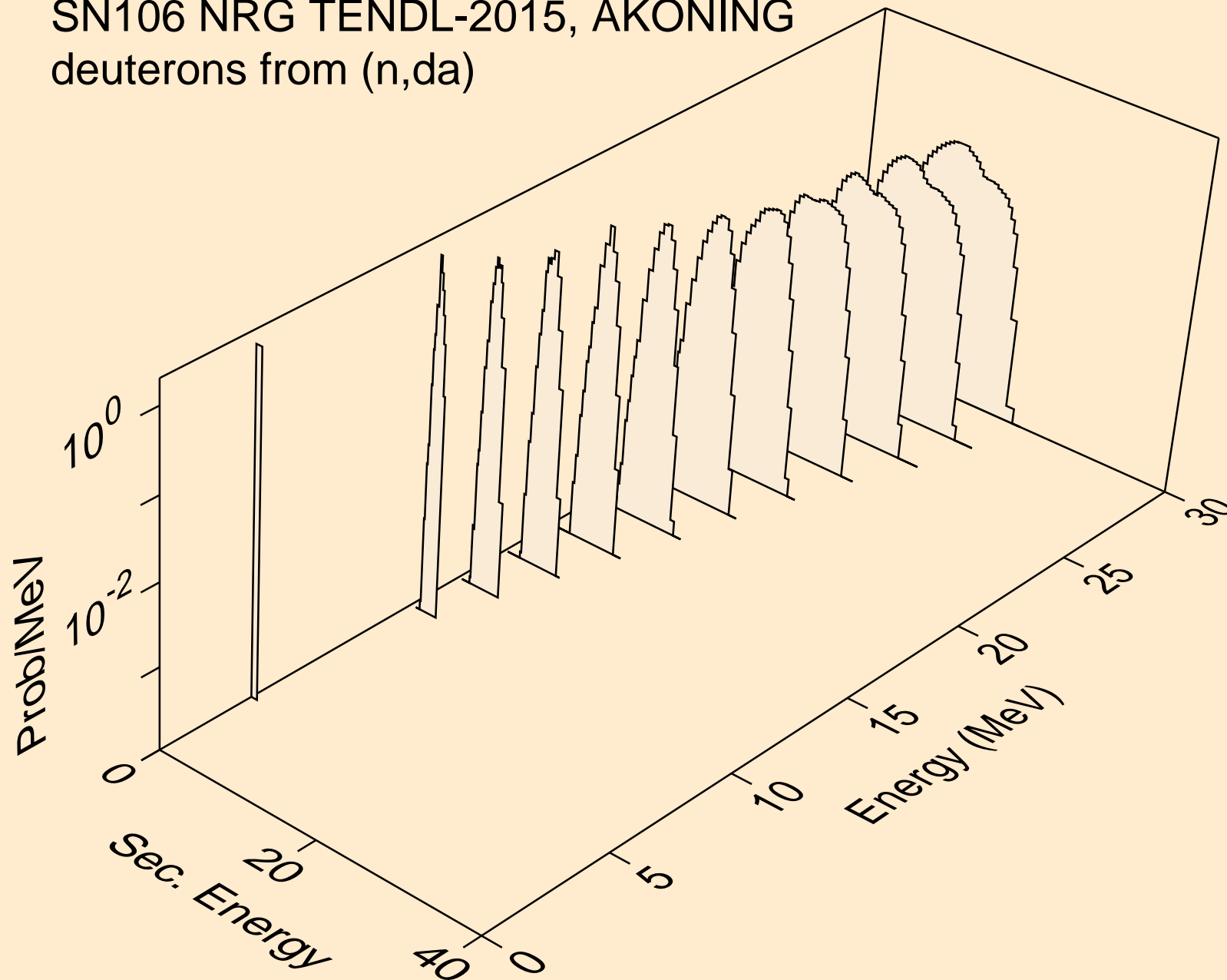


SN106 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

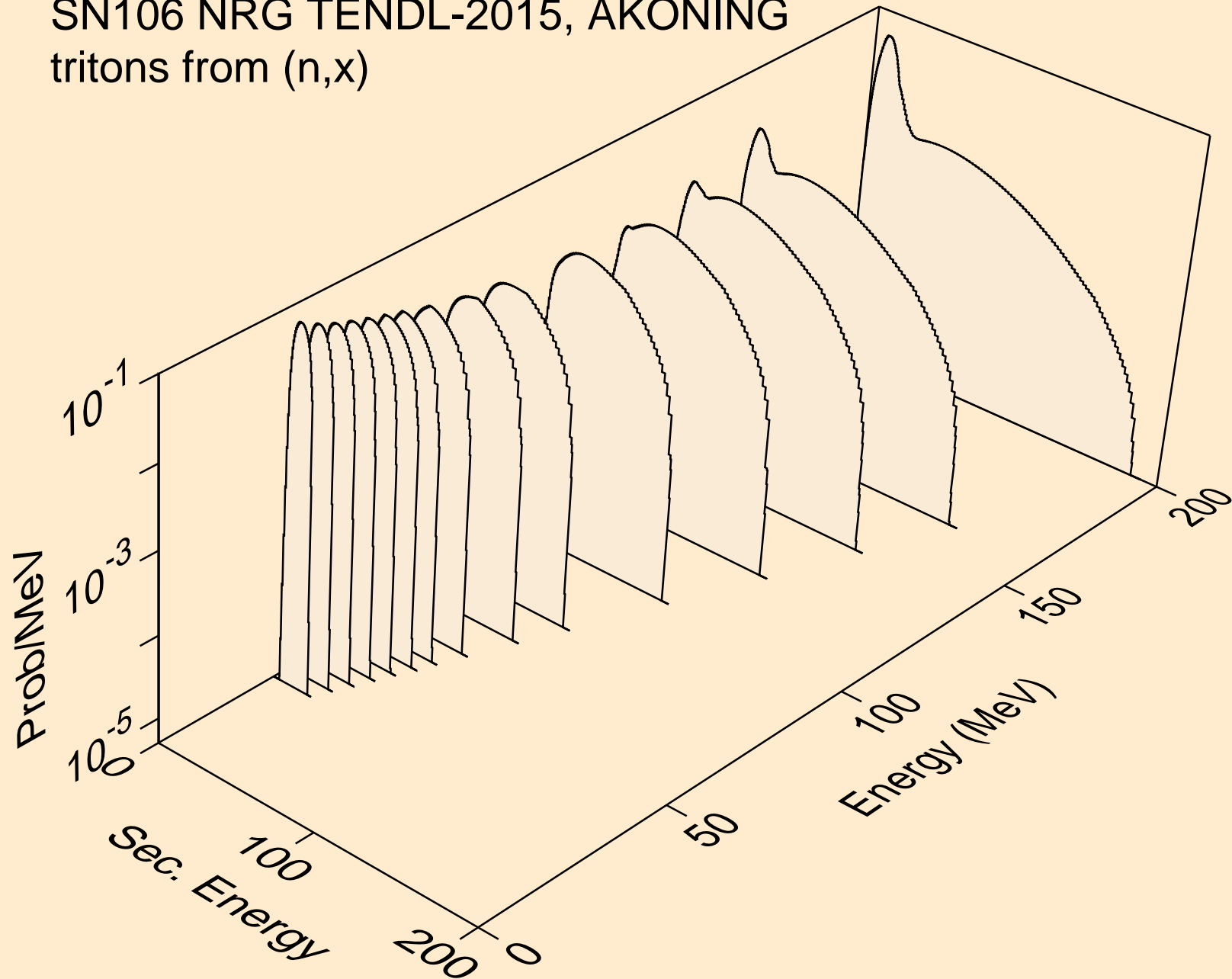




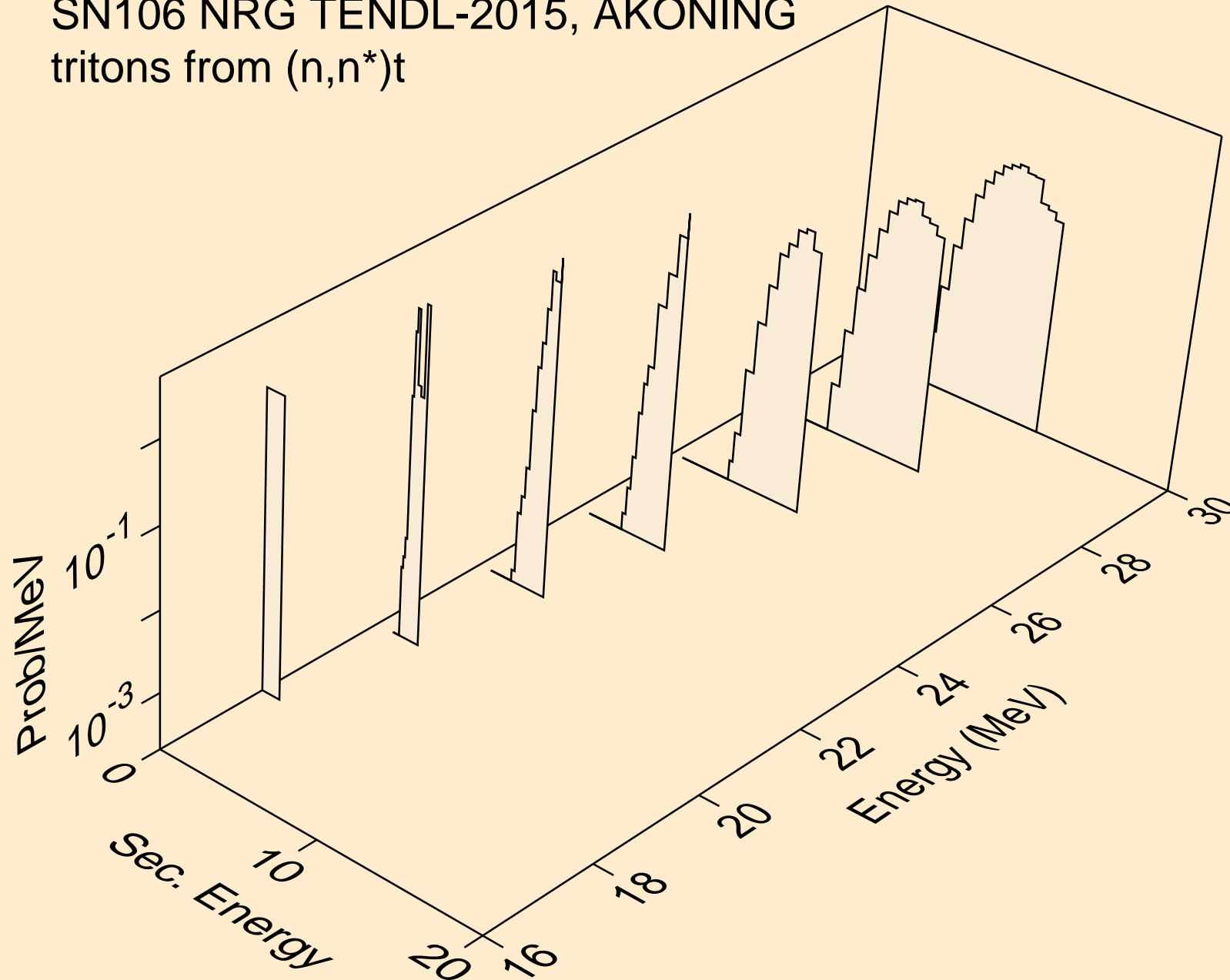
SN106 NRG TENDL-2015, AKONING  
deuterons from (n,da)



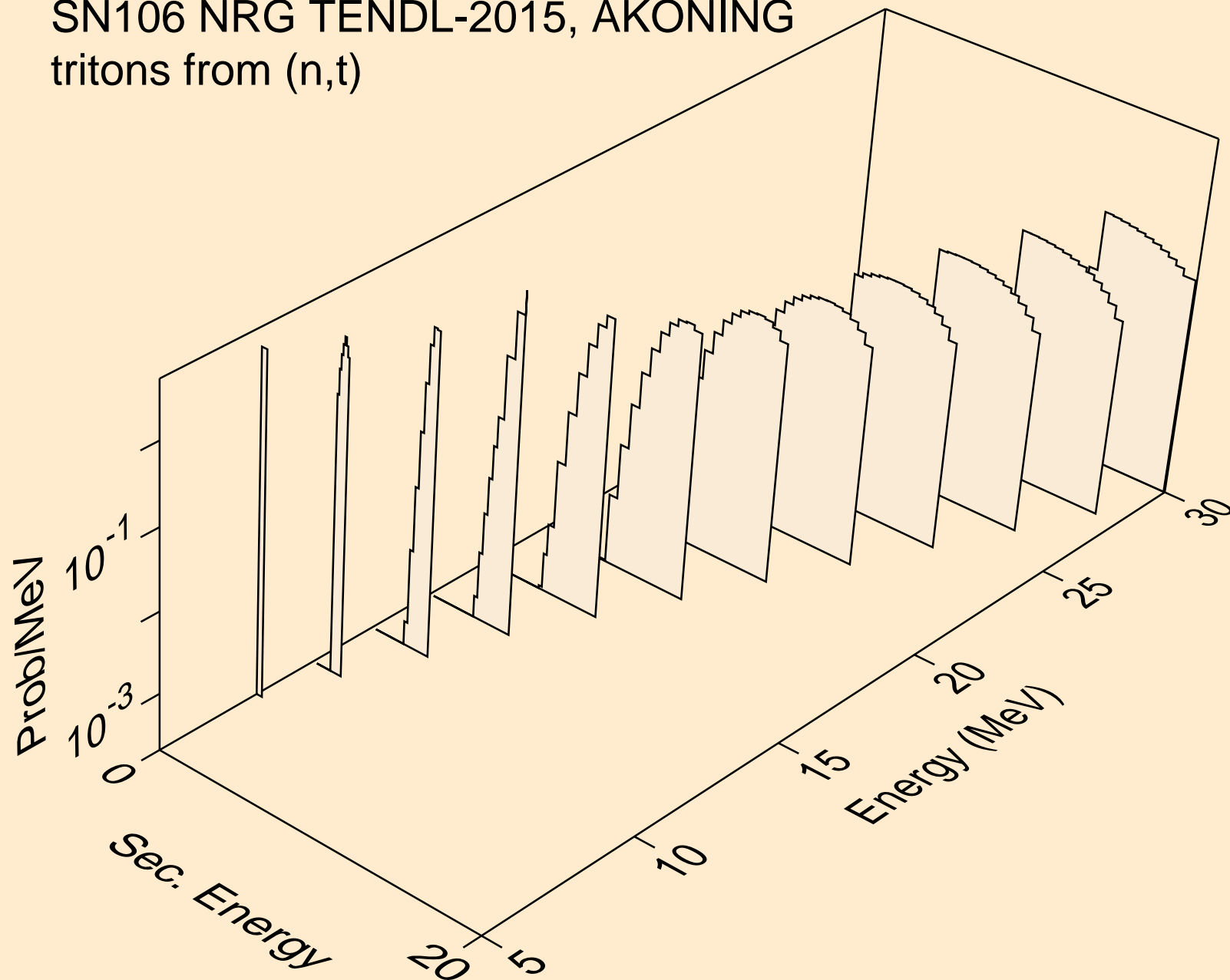
SN106 NRG TENDL-2015, AKONING  
tritons from (n,x)



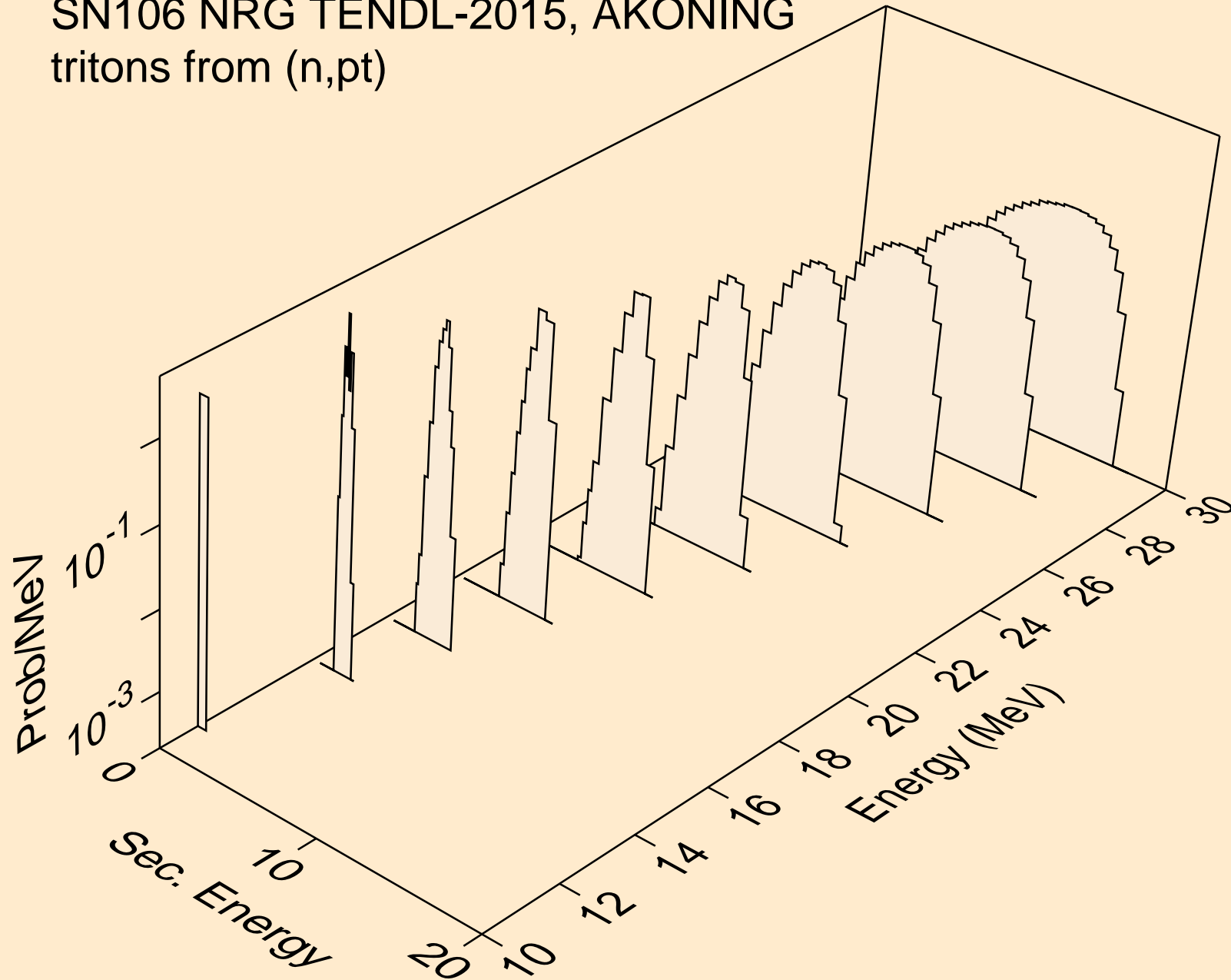
SN106 NRG TENDL-2015, AKONING  
tritons from  $(n,n^*)t$



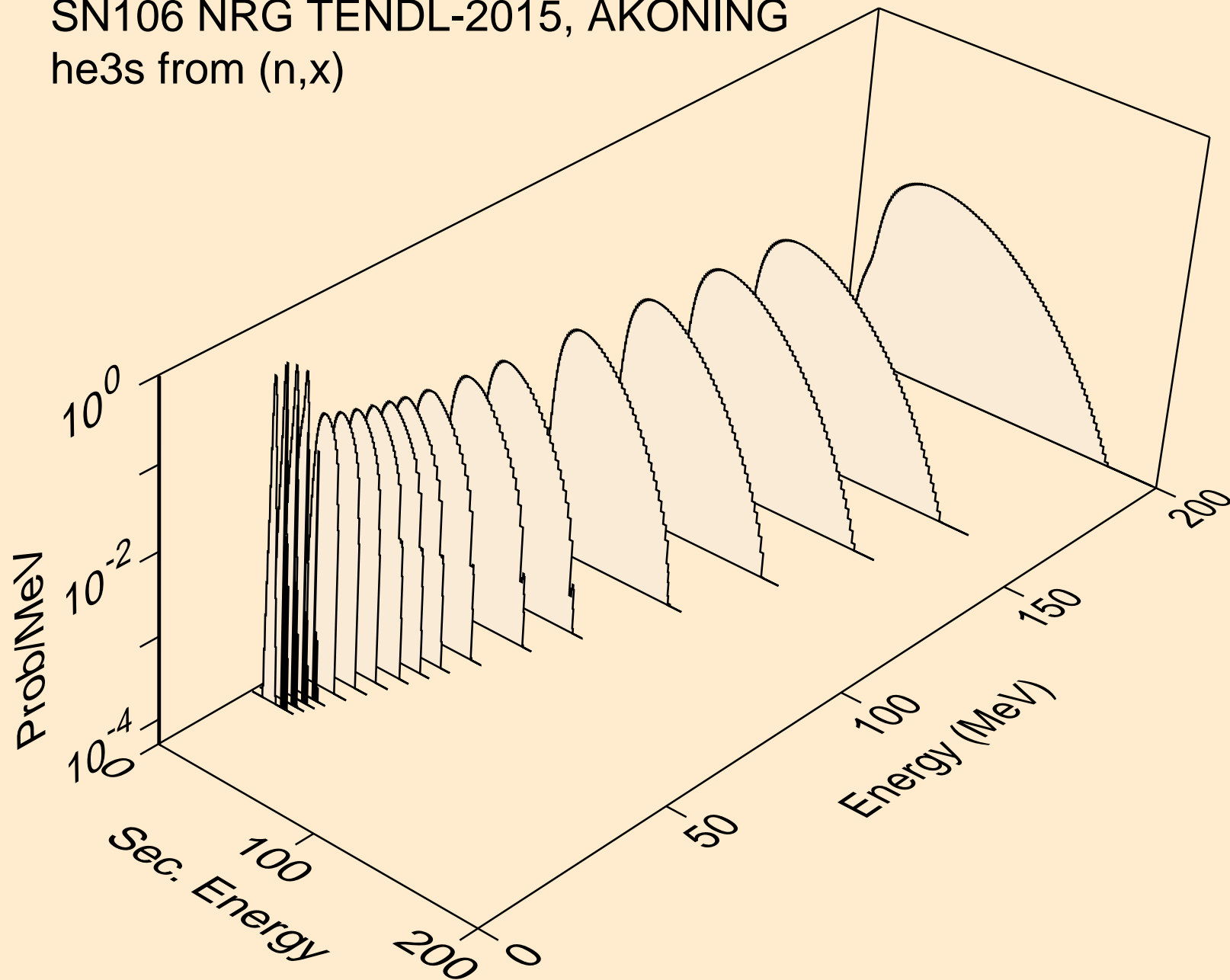
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tritons from (n,t)



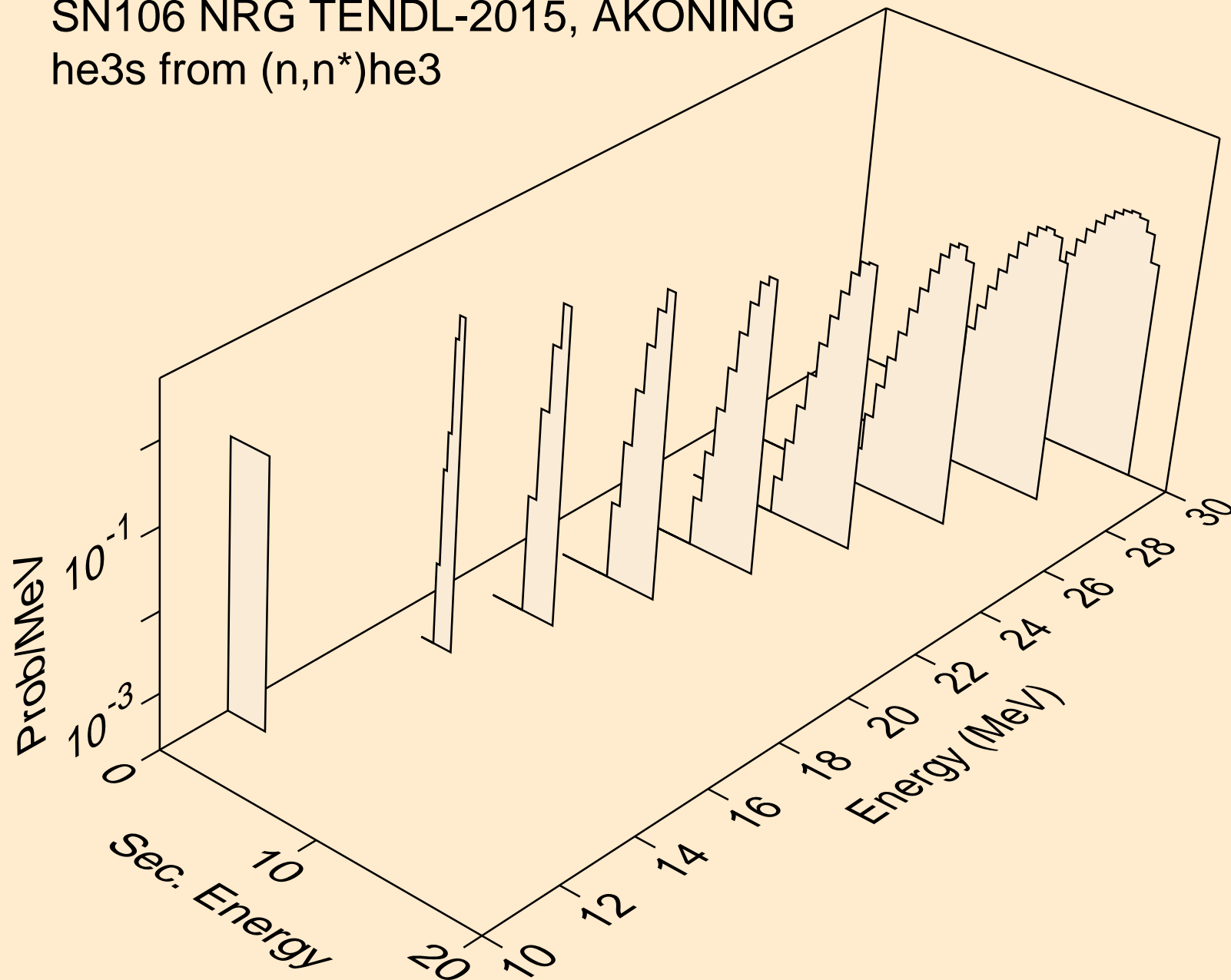
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tritons from (n,pt)



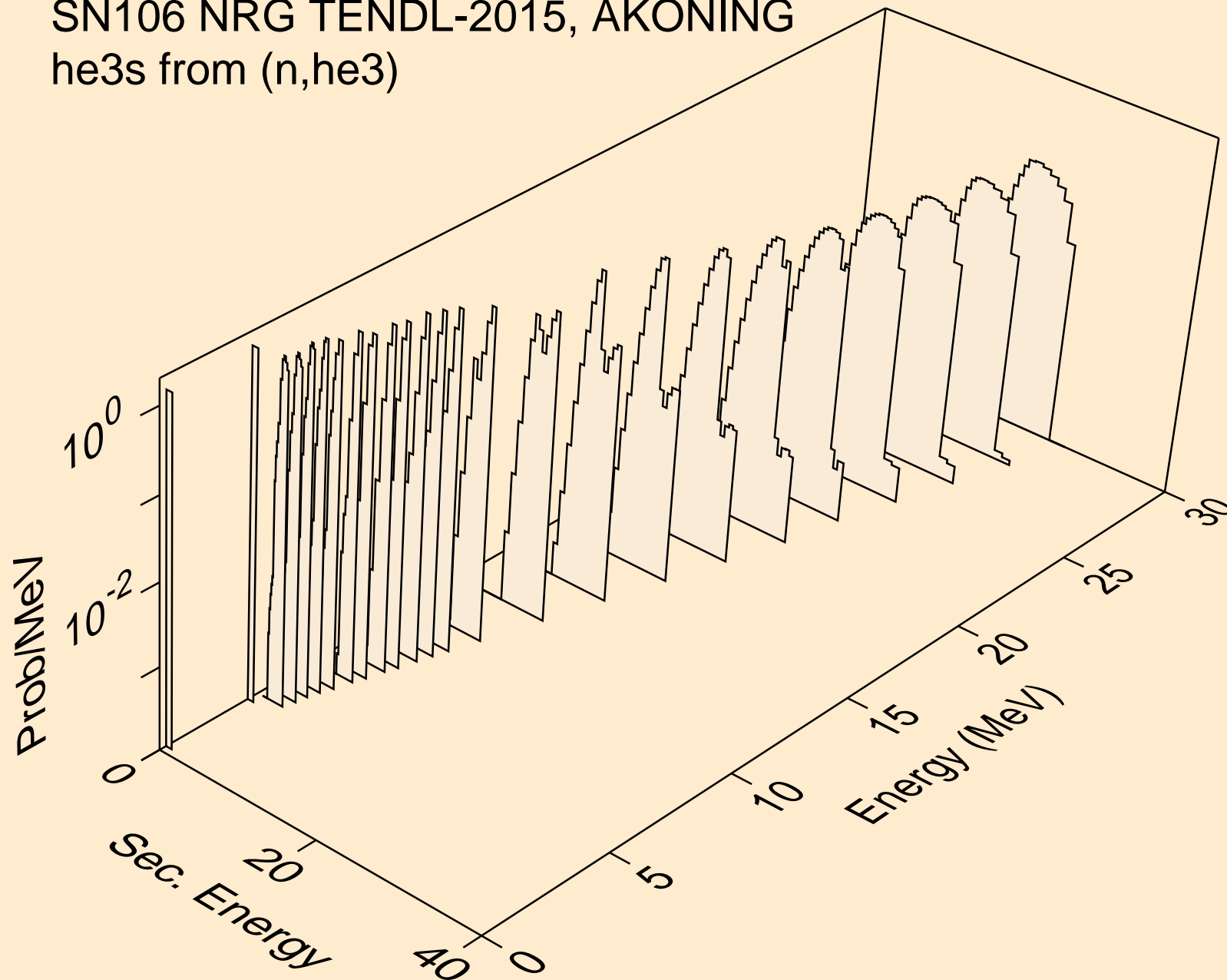
SN106 NRG TENDL-2015, AKONING  
he3s from (n,x)



SN106 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3

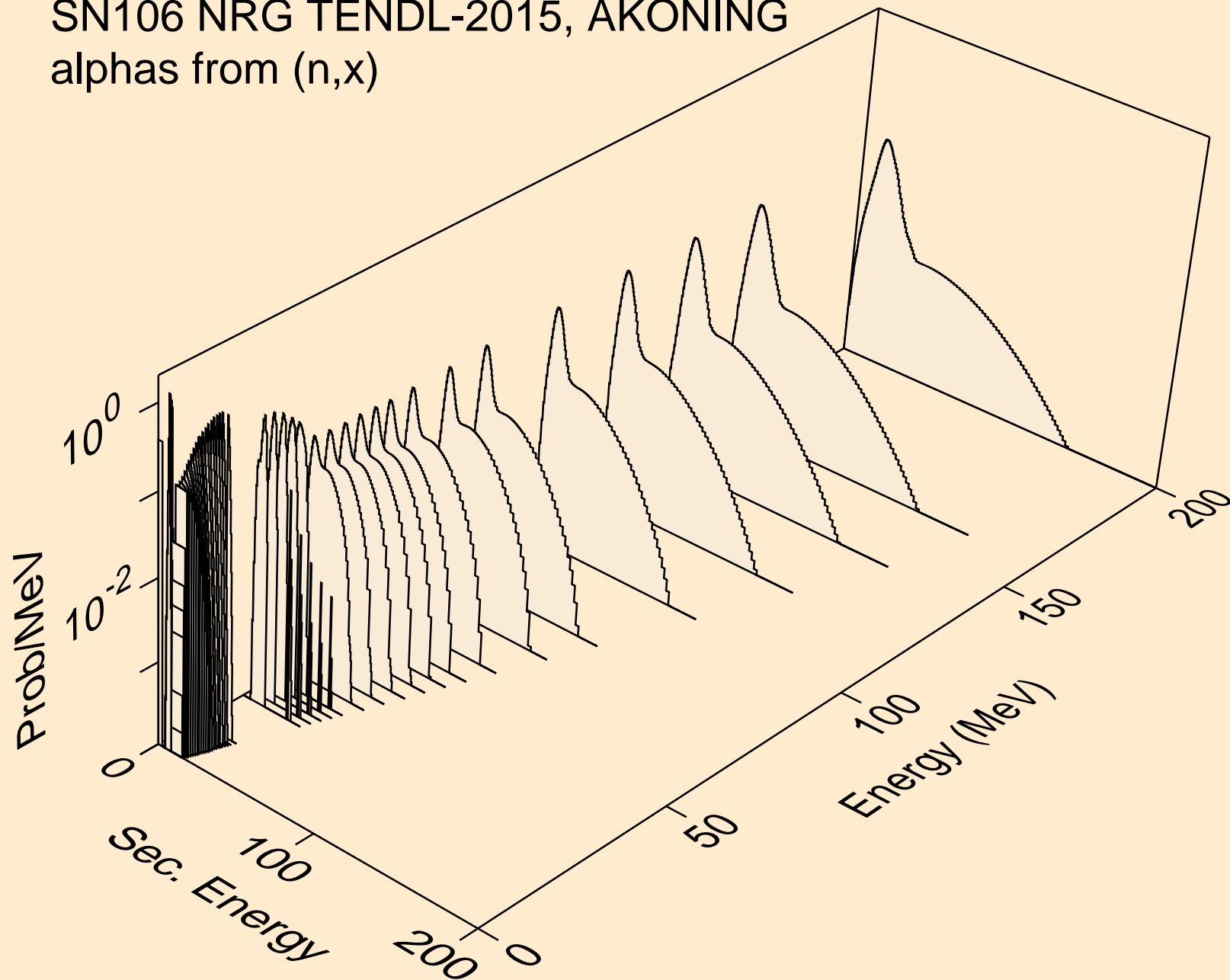


SN106 NRG TENDL-2015, AKONING  
he3s from (n,he3)

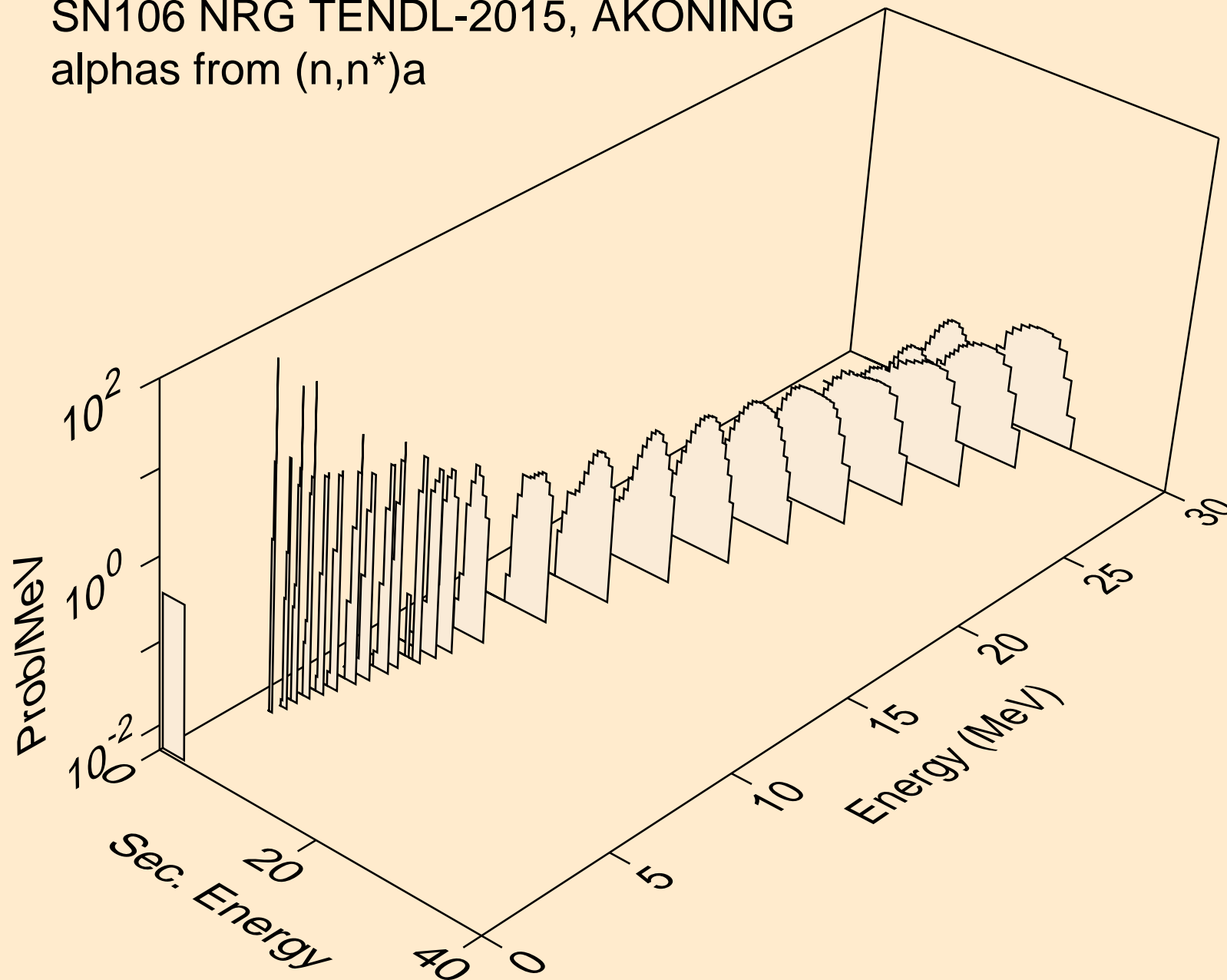




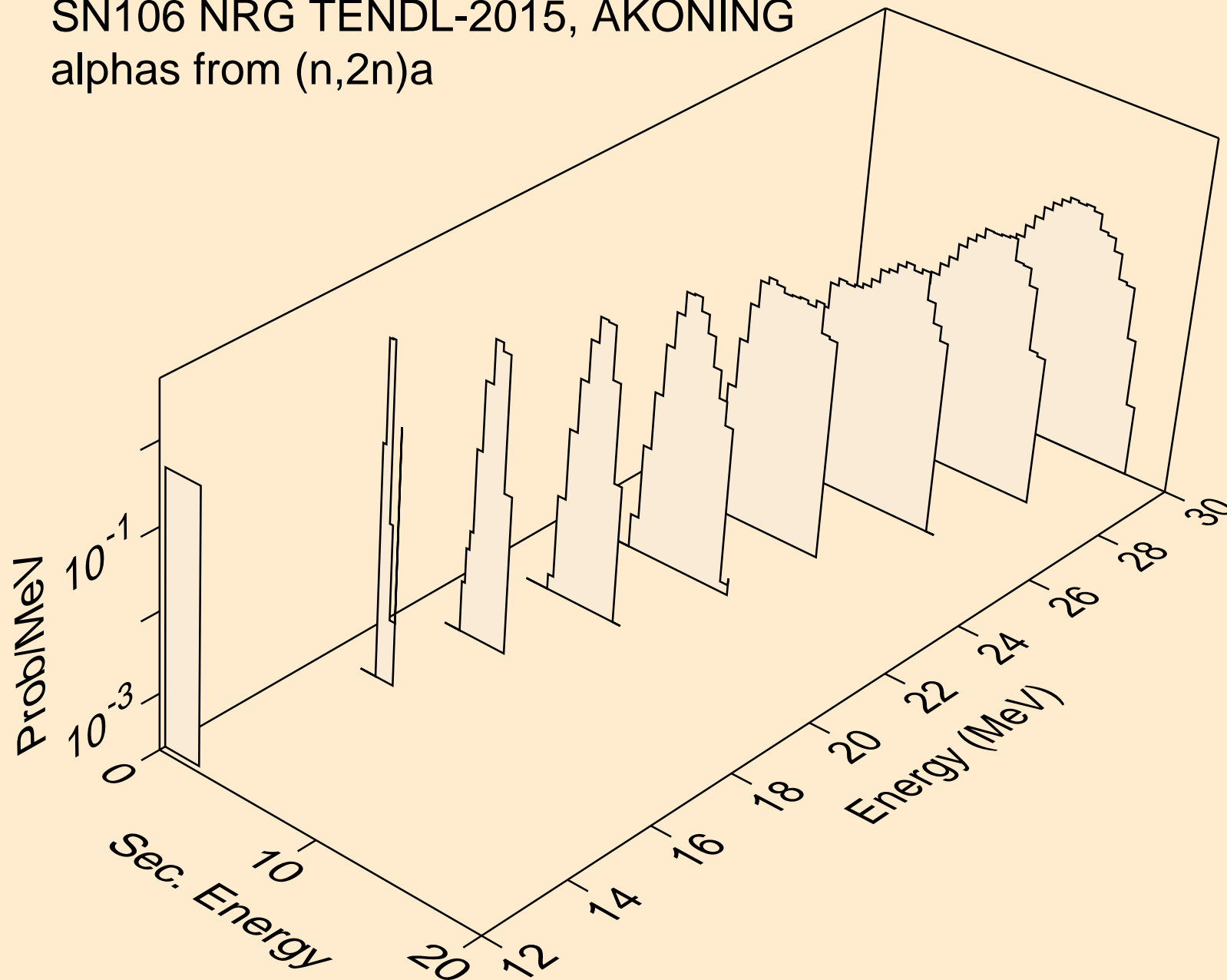
SN106 NRG TENDL-2015, AKONING  
alphas from (n,x)



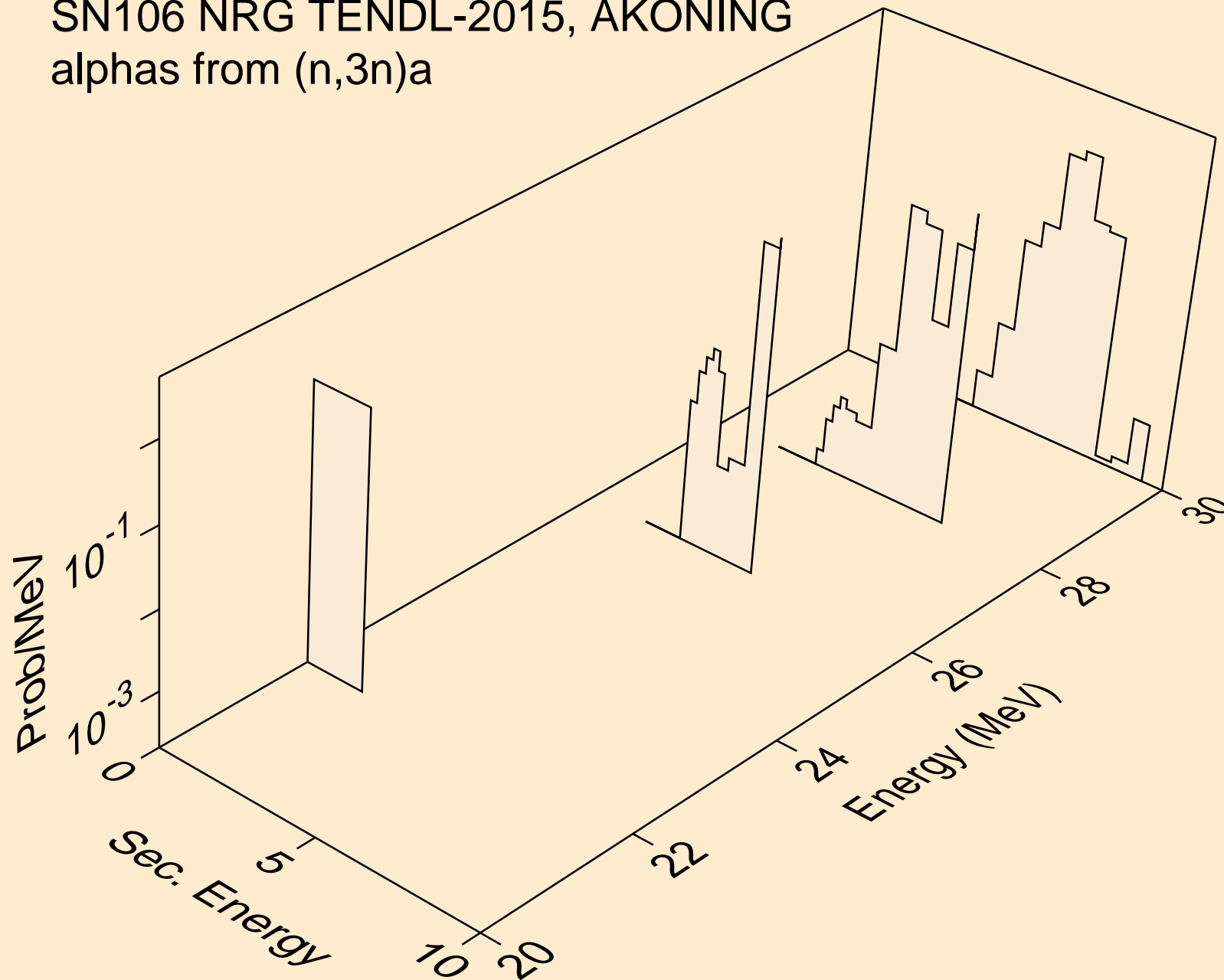
SN106 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



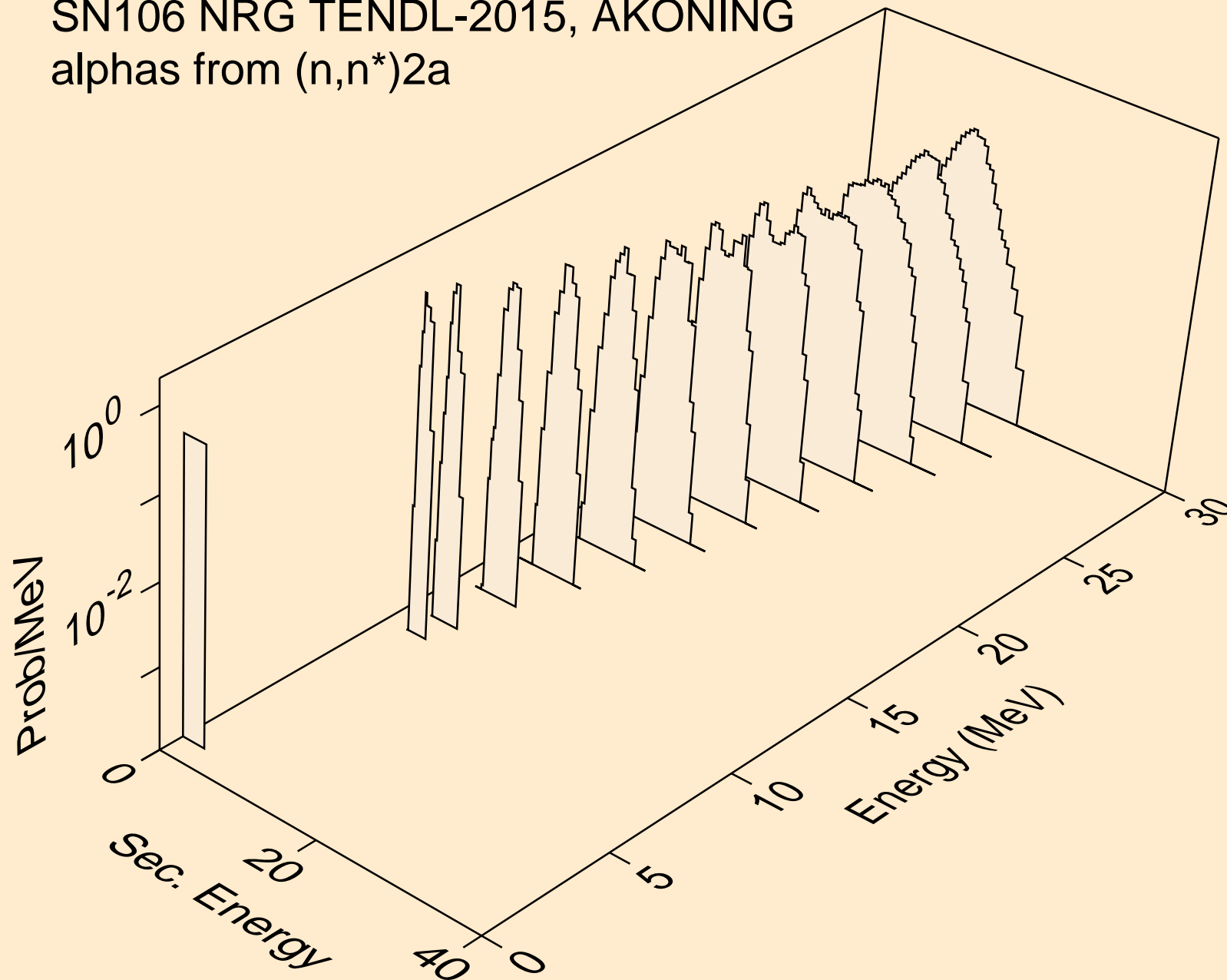
SN106 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



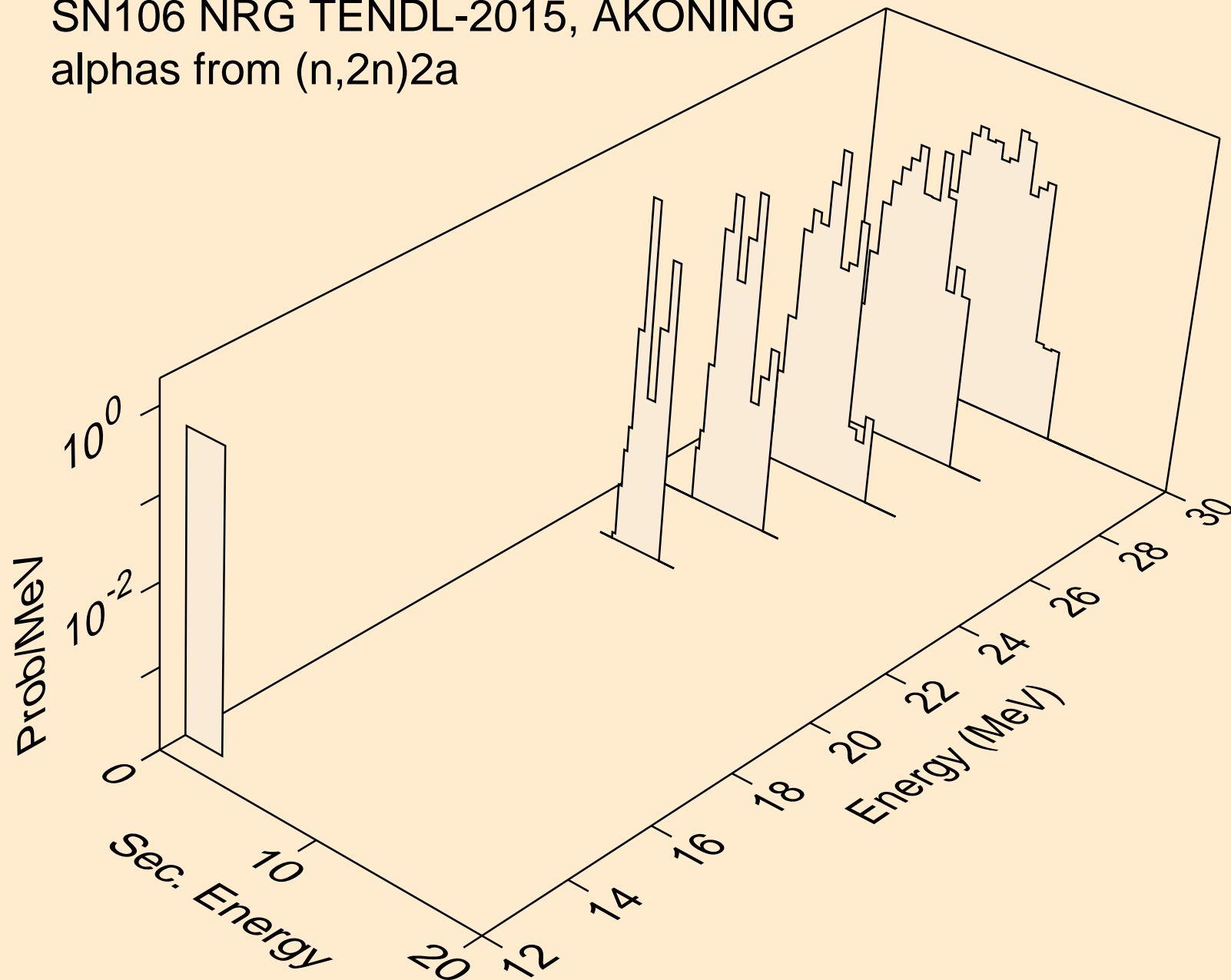
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alphas from (n,3n)a



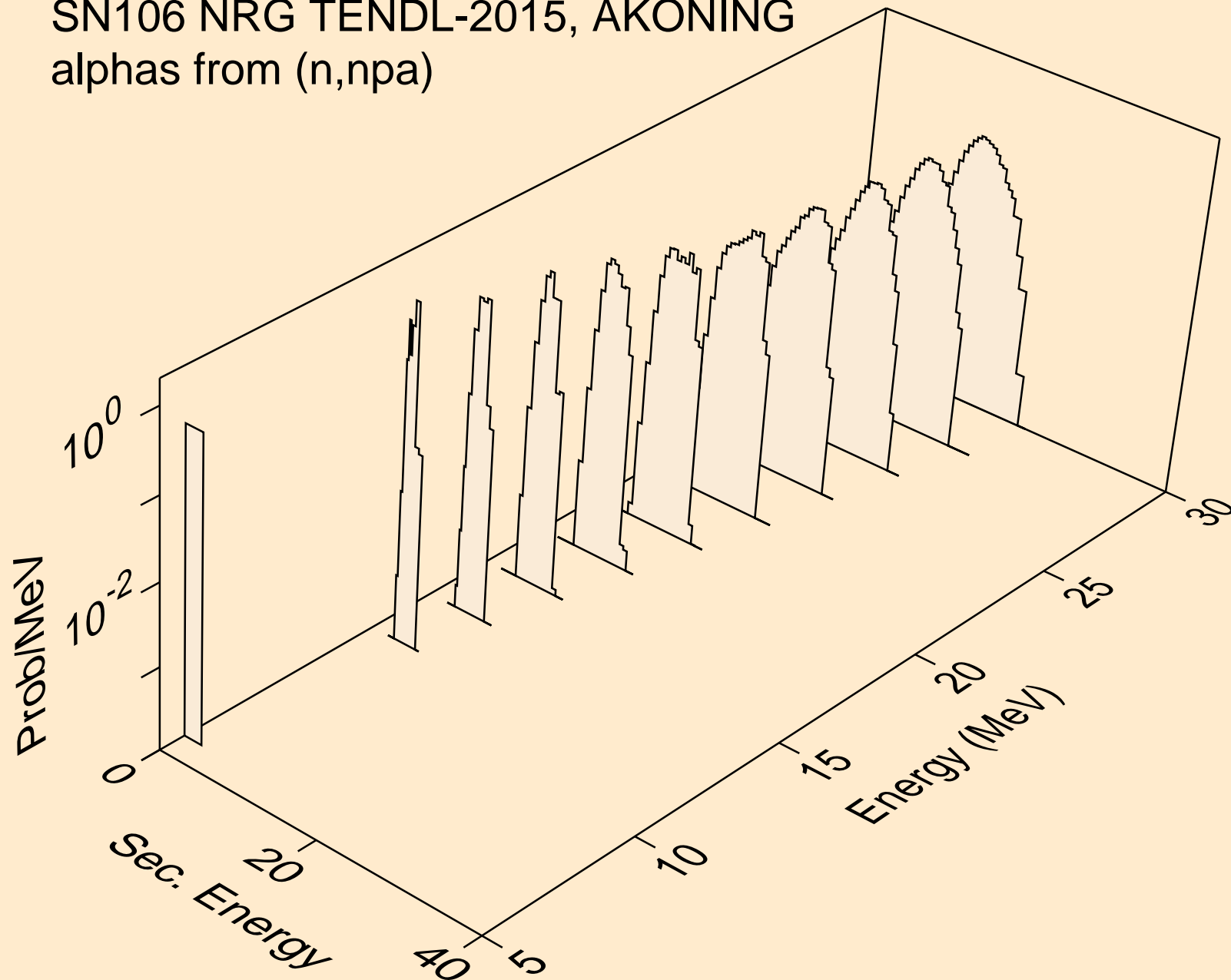
SN106 NRG TENDL-2015, AKONING  
alphas from (n,n\*)2a



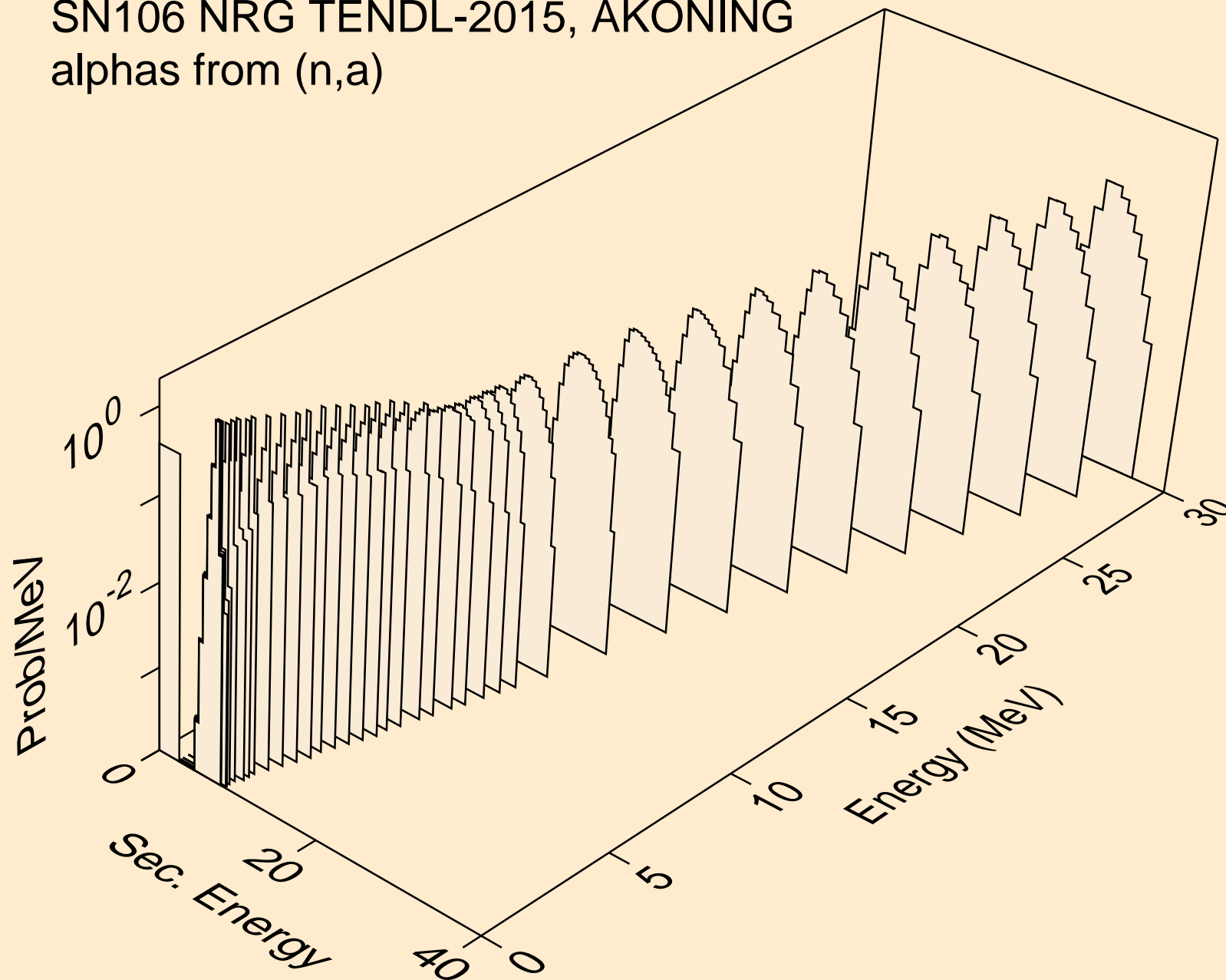
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alphas from (n,2n)2a



SN106 NRG TENDL-2015, AKONING  
alphas from (n,npa)

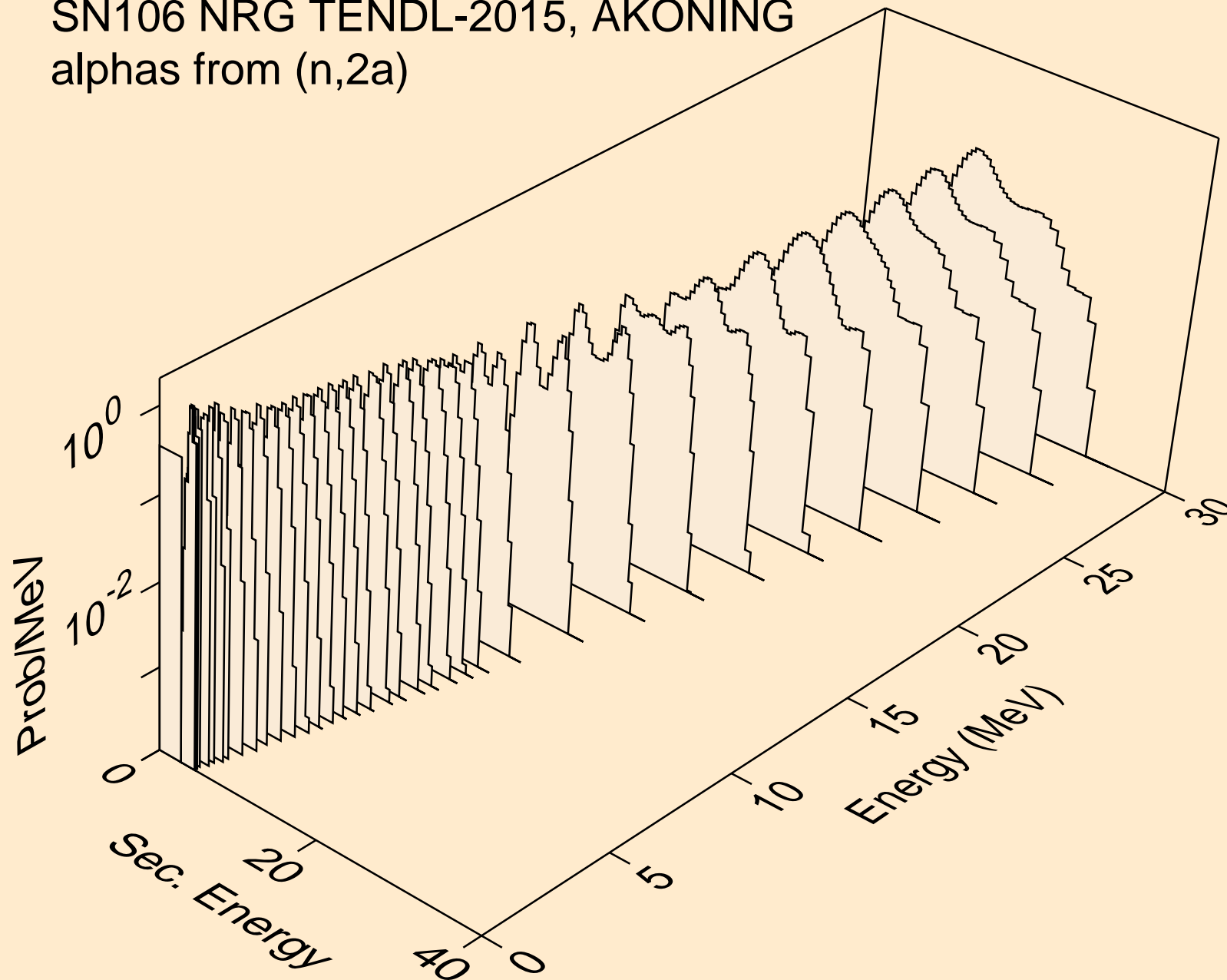


SN106 NRG TENDL-2015, AKONING  
alphas from (n,a)

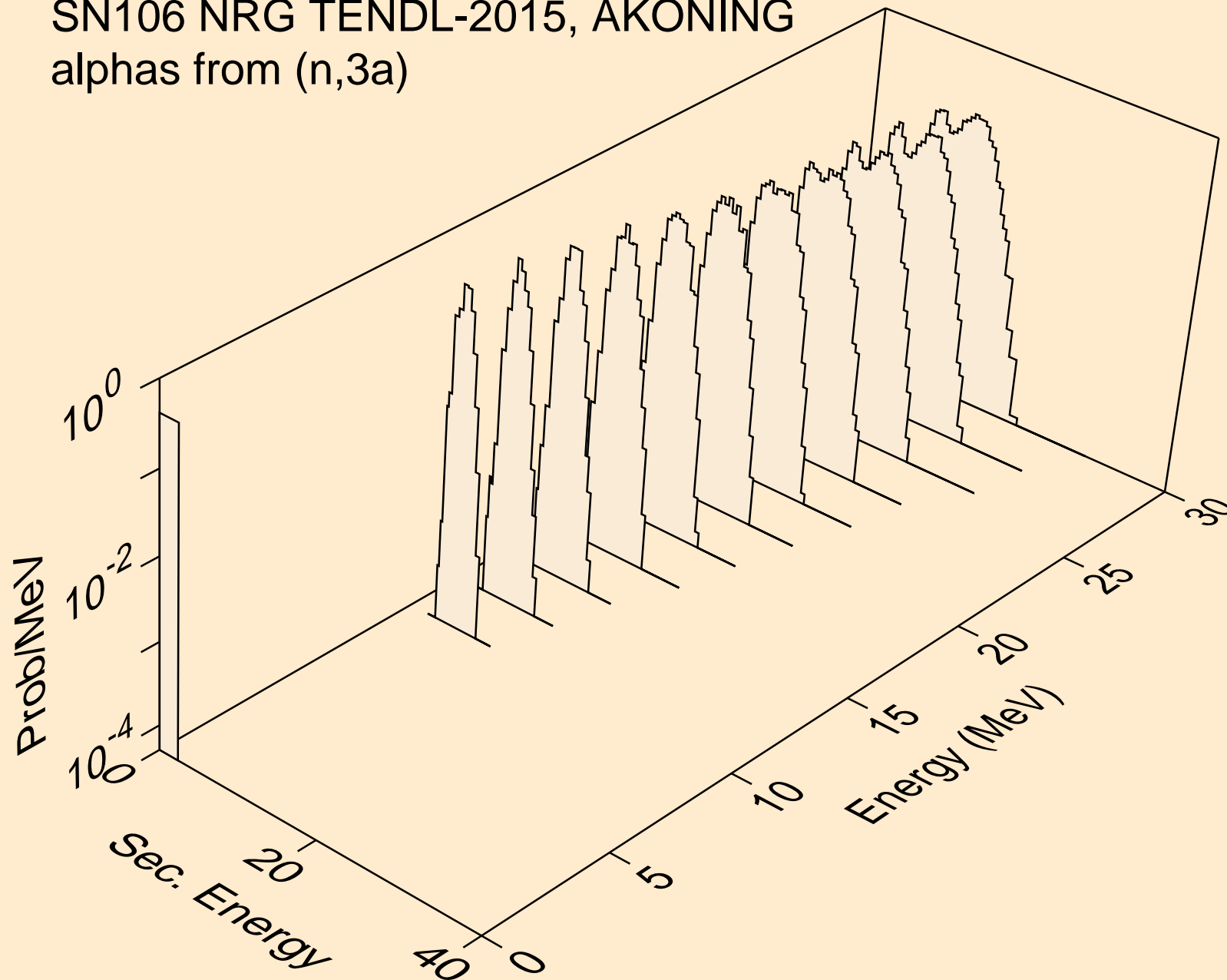




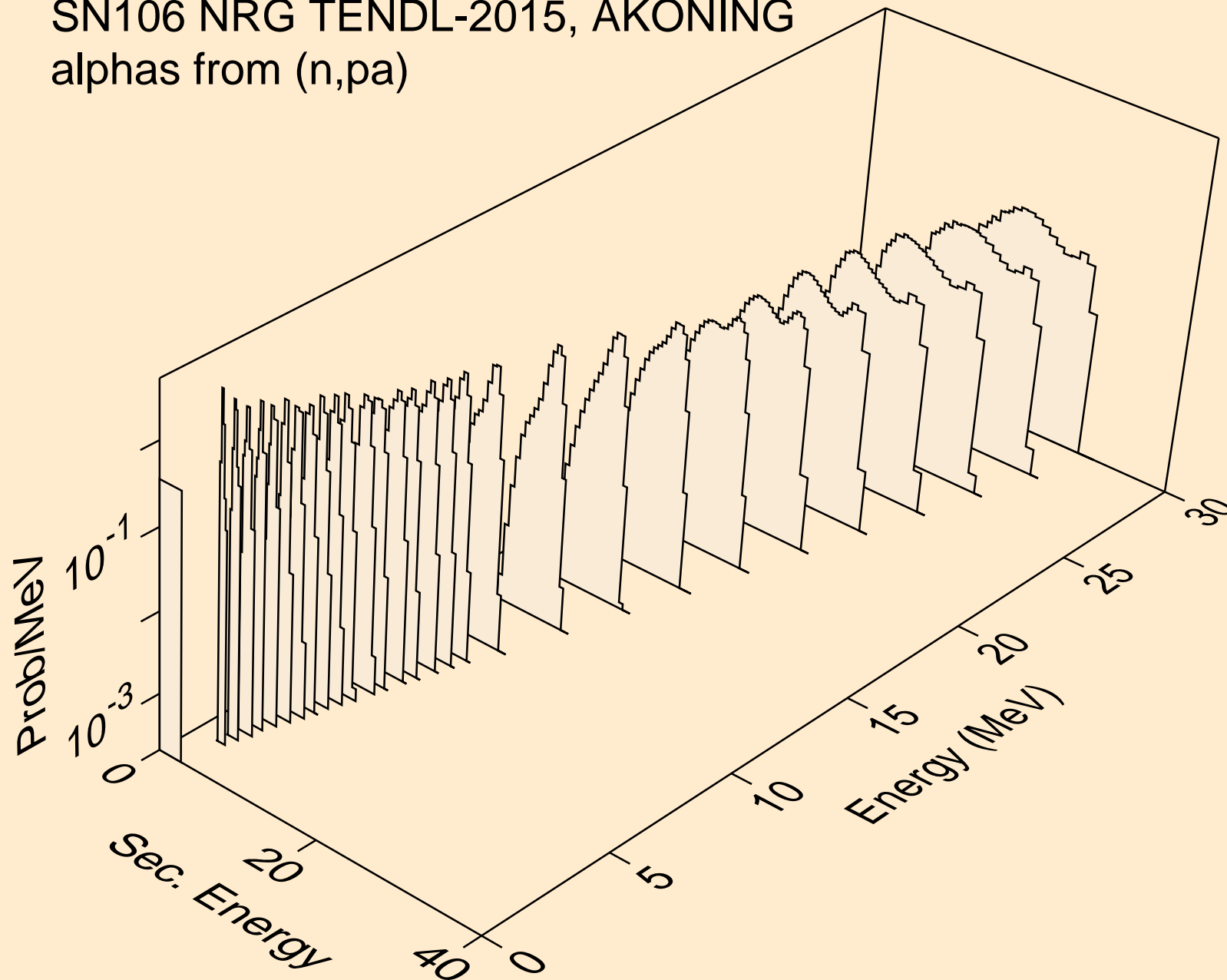
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alphas from (n,2a)



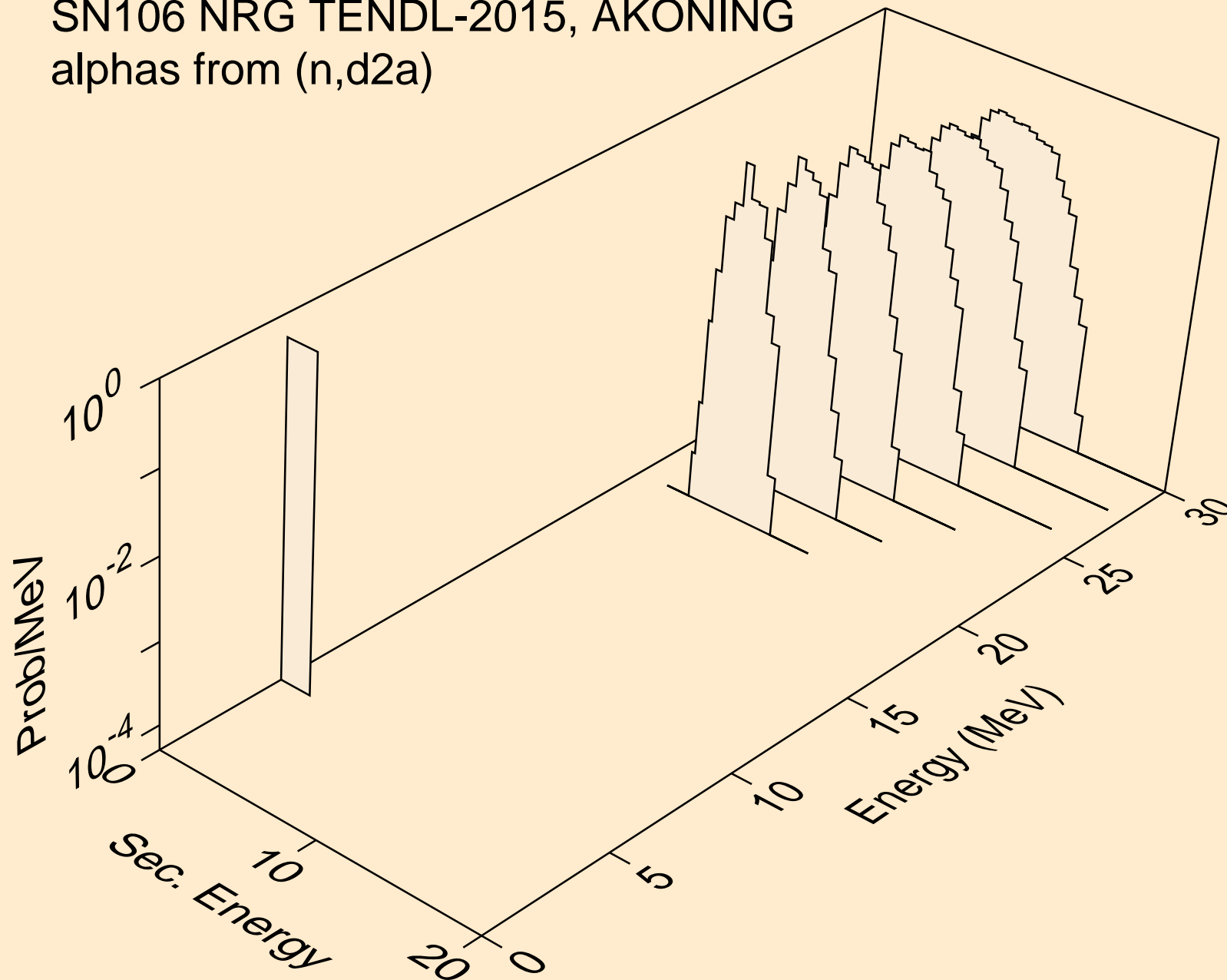
SN106 NRG TENDL-2015, AKONING  
alphas from (n,3a)



SN106 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SN106 NRG TENDL-2015, AKONING  
alphas from (n,d2a)



SN106 NRG TENDL-2015, AKONING  
alphas from (n,da)

