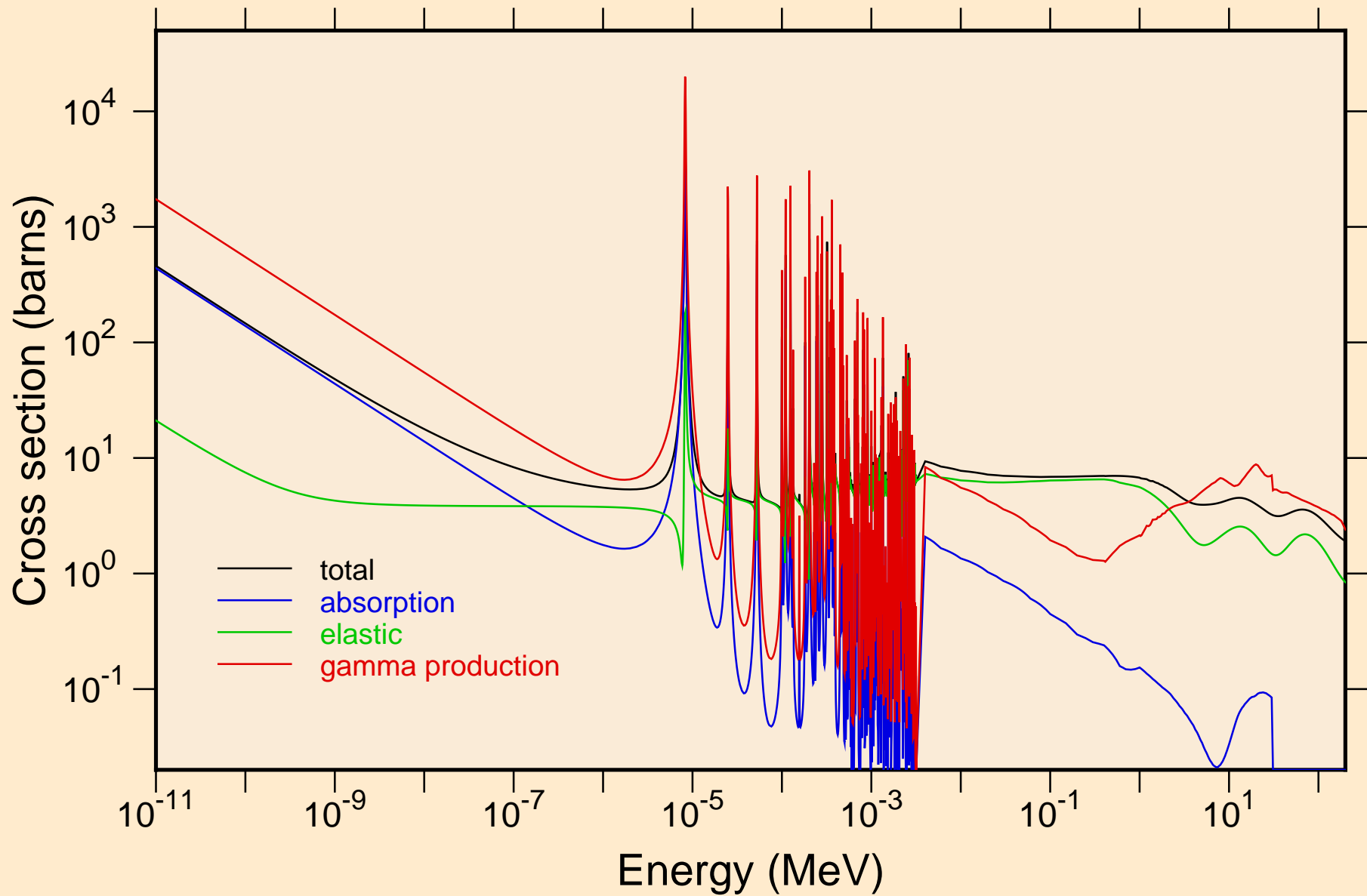
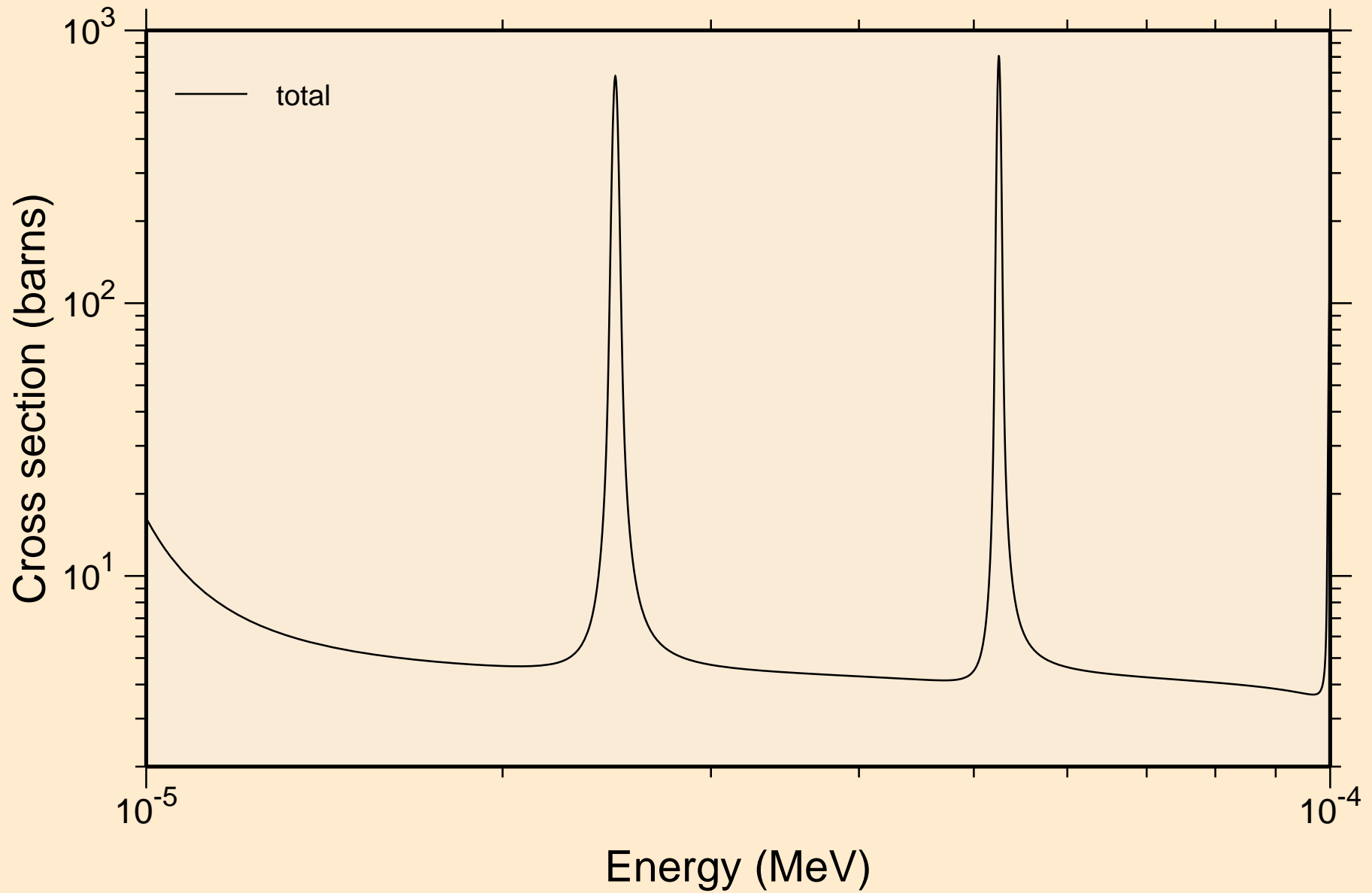


# SN113 NRG TENDL-2015, AKONING

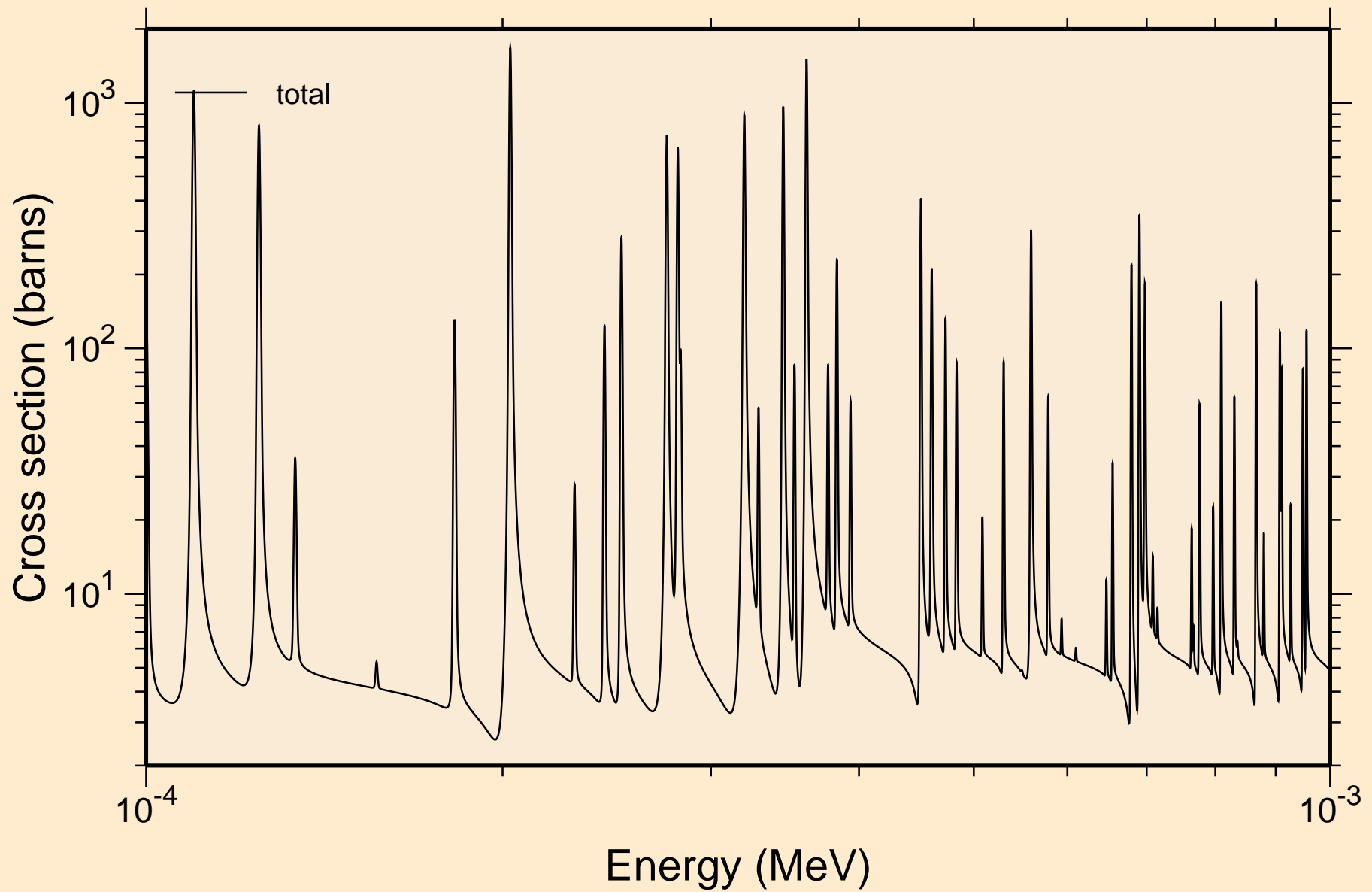
## Principal cross sections



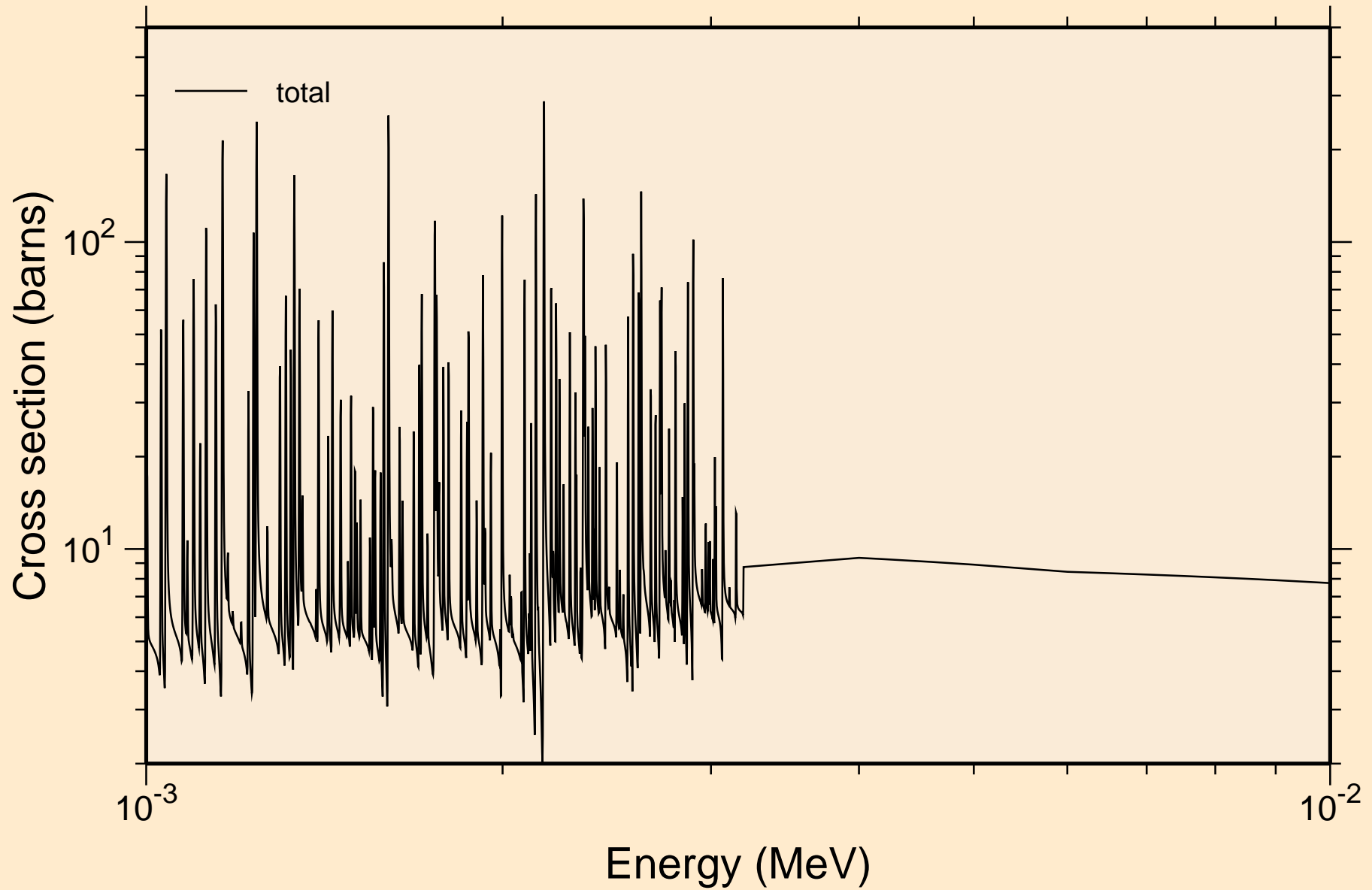
SN113 NRG TENDL-2015, AKONING  
resonance total cross section



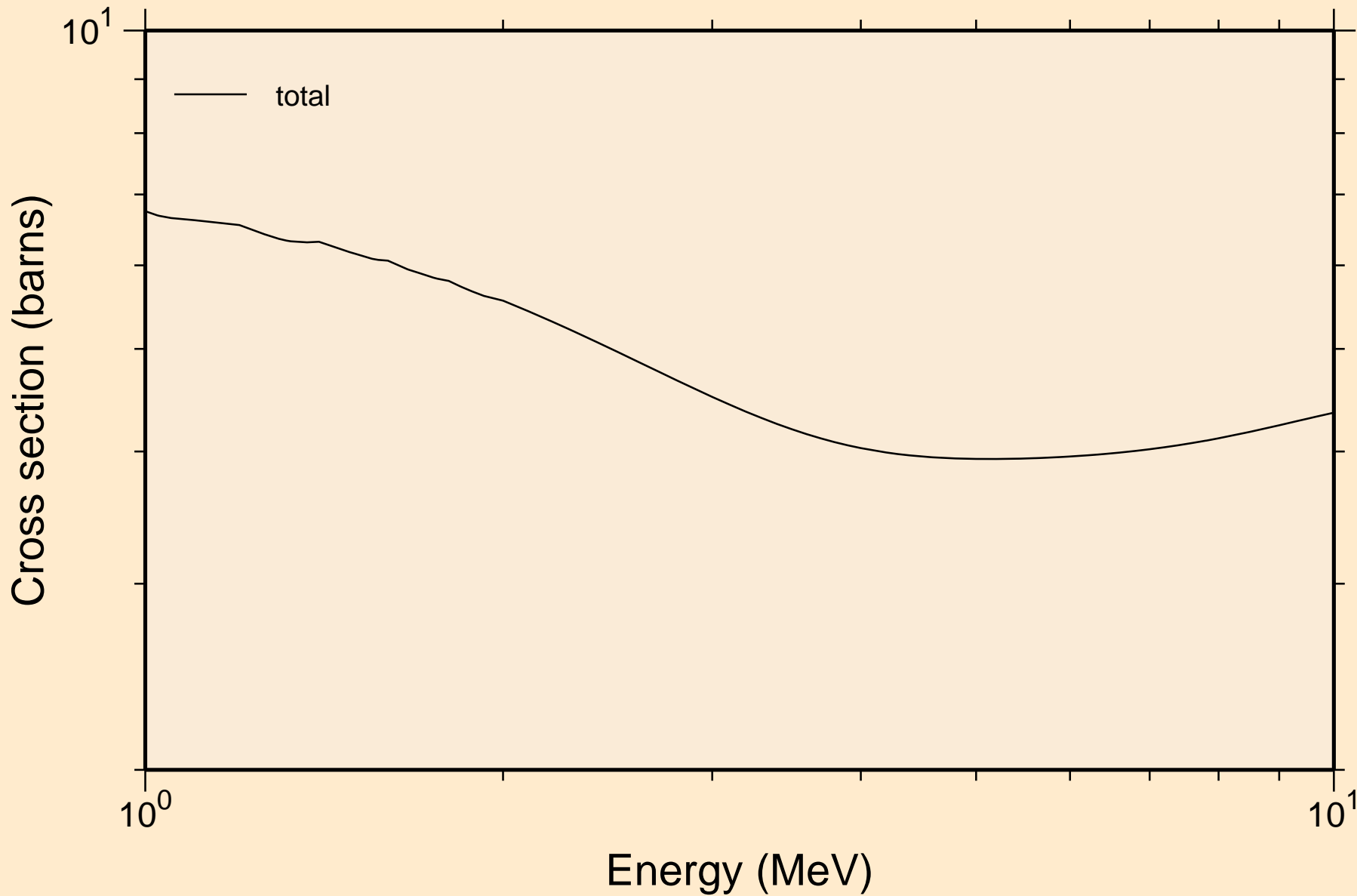
SN113 NRG TENDL-2015, AKONING  
resonance total cross section



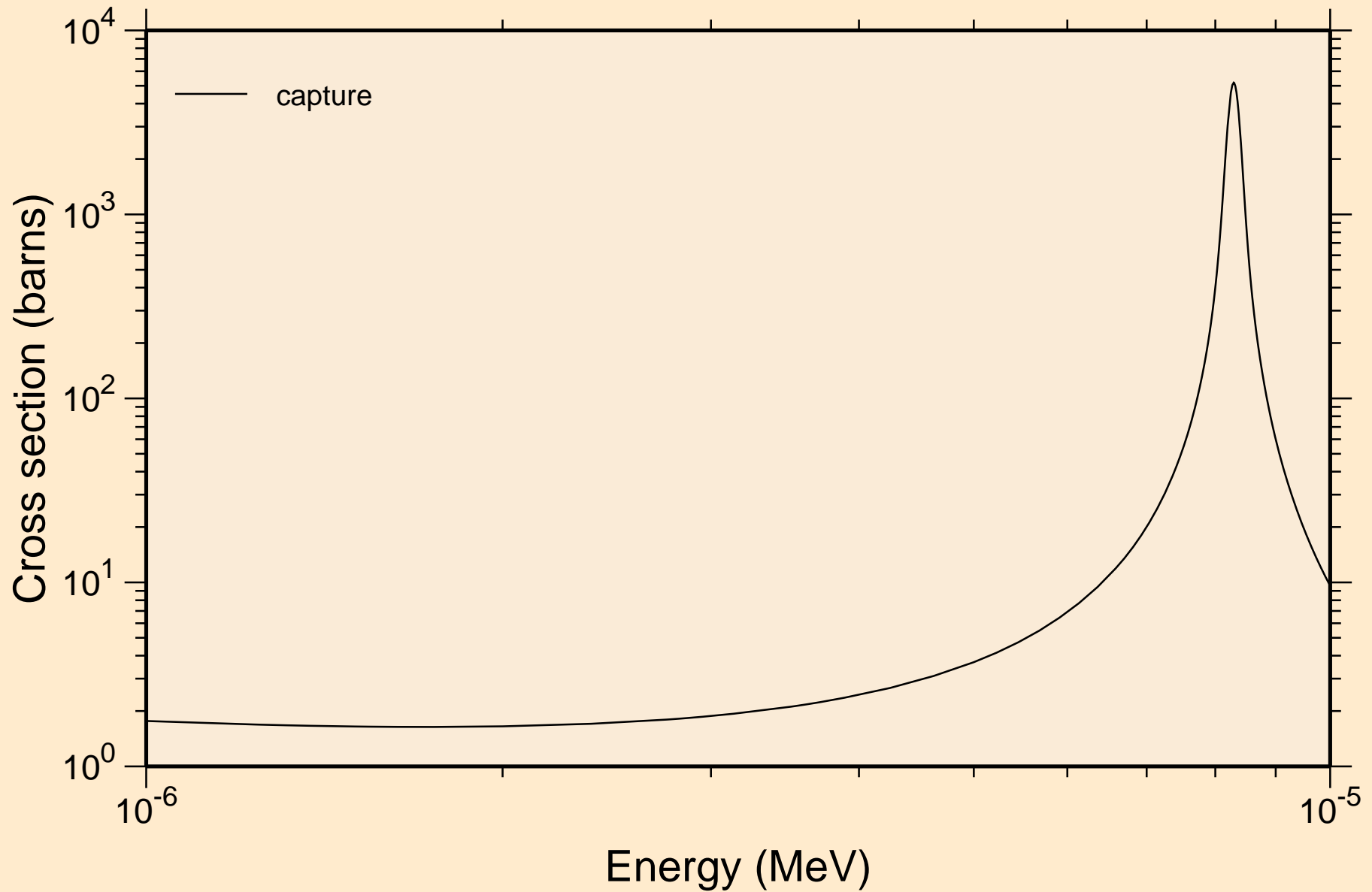
SN113 NRG TENDL-2015, AKONING  
resonance total cross section



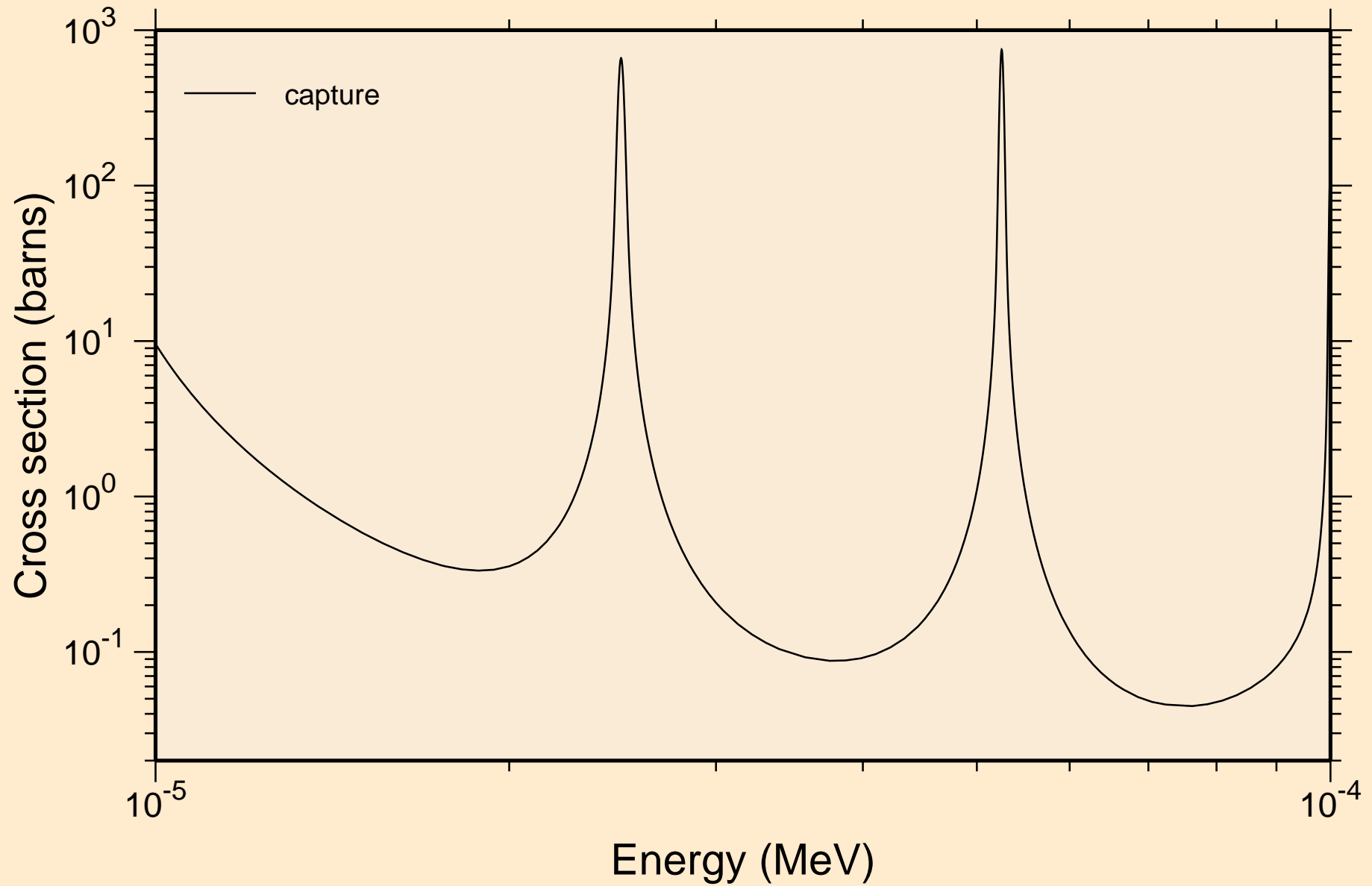
SN113 NRG TENDL-2015, AKONING  
resonance total cross section



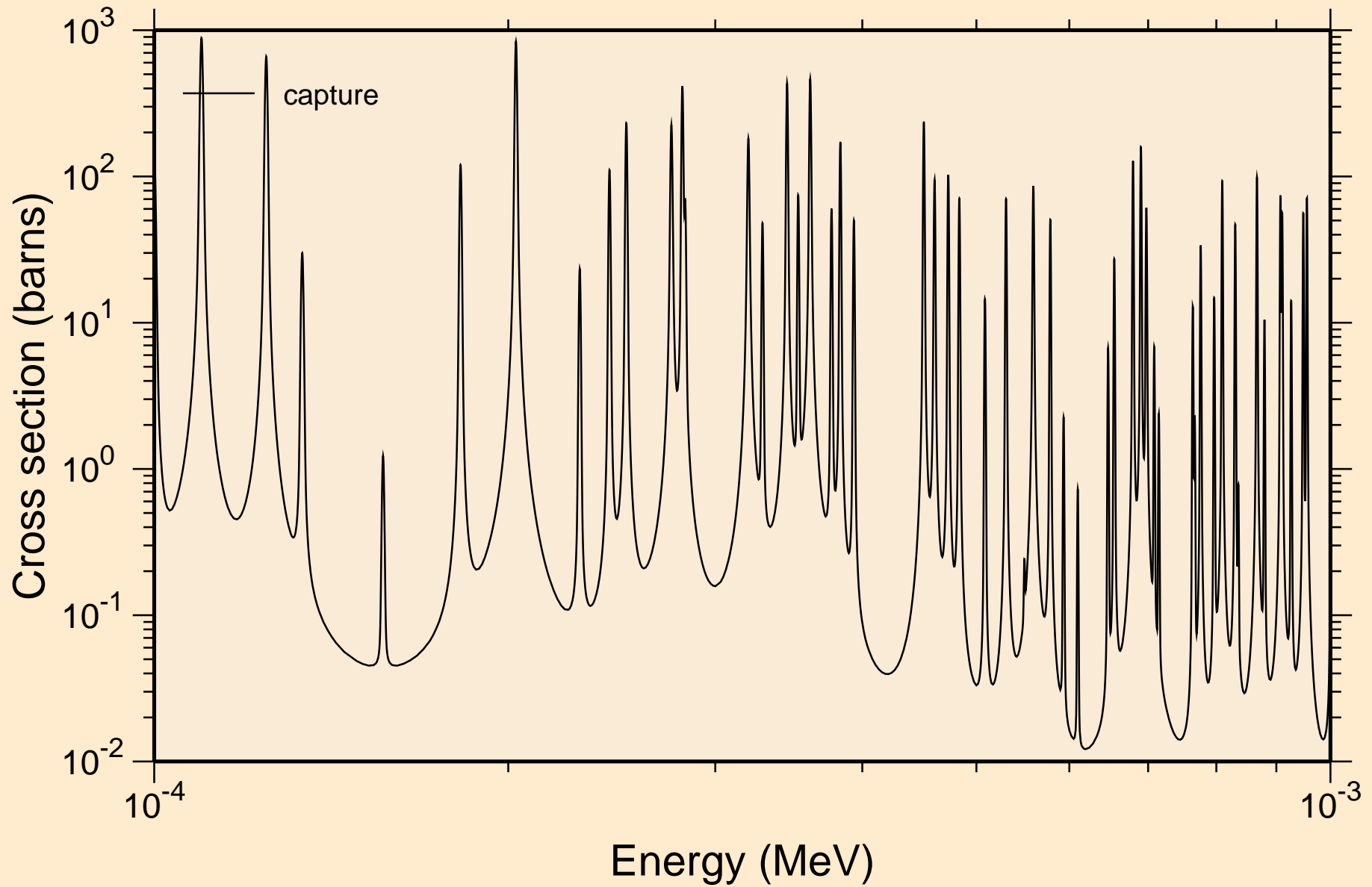
SN113 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# SN113 NRG TENDL-2015, AKONING resonance absorption cross sections

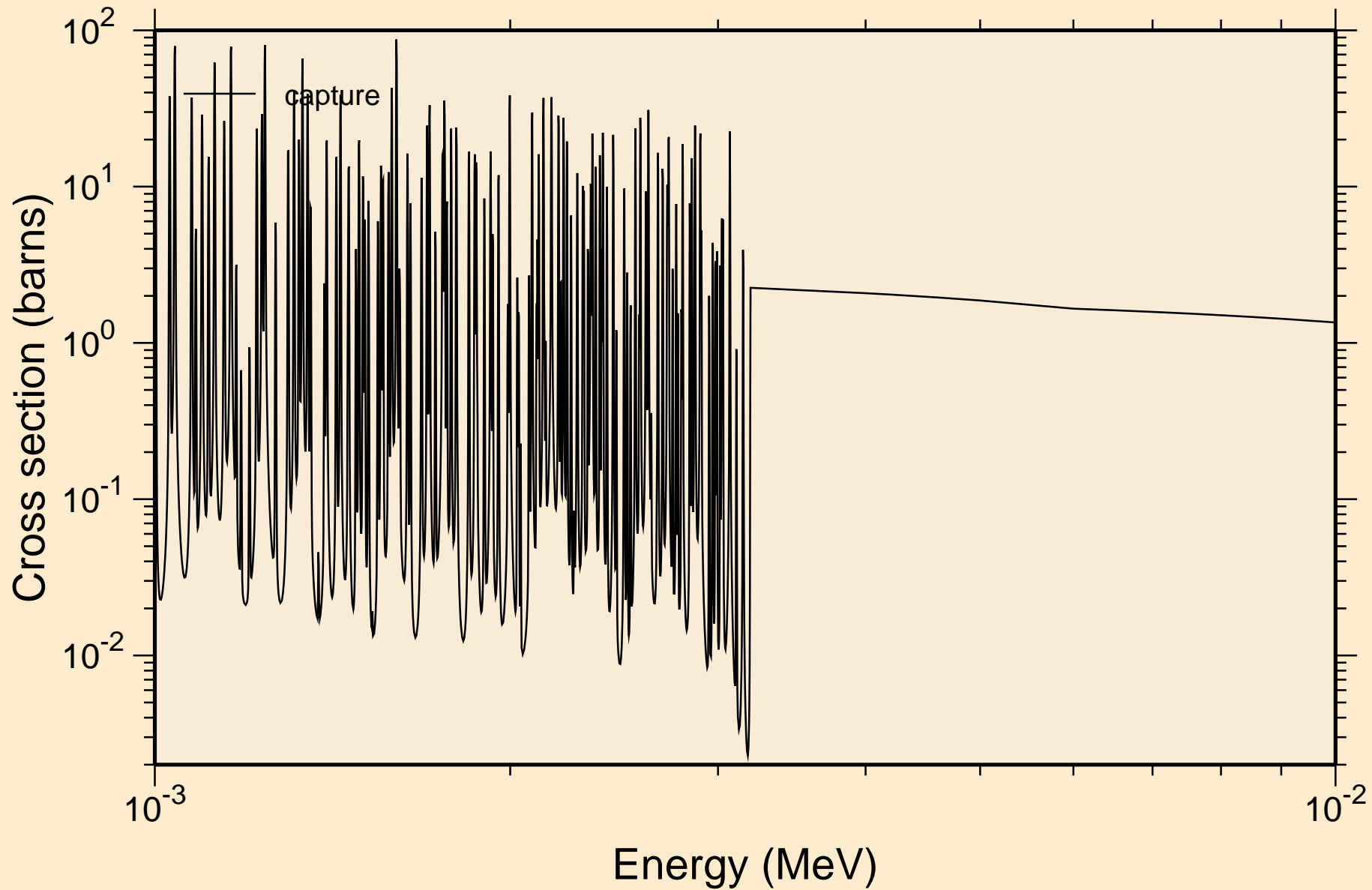


# SN113 NRG TENDL-2015, AKONING resonance absorption cross sections

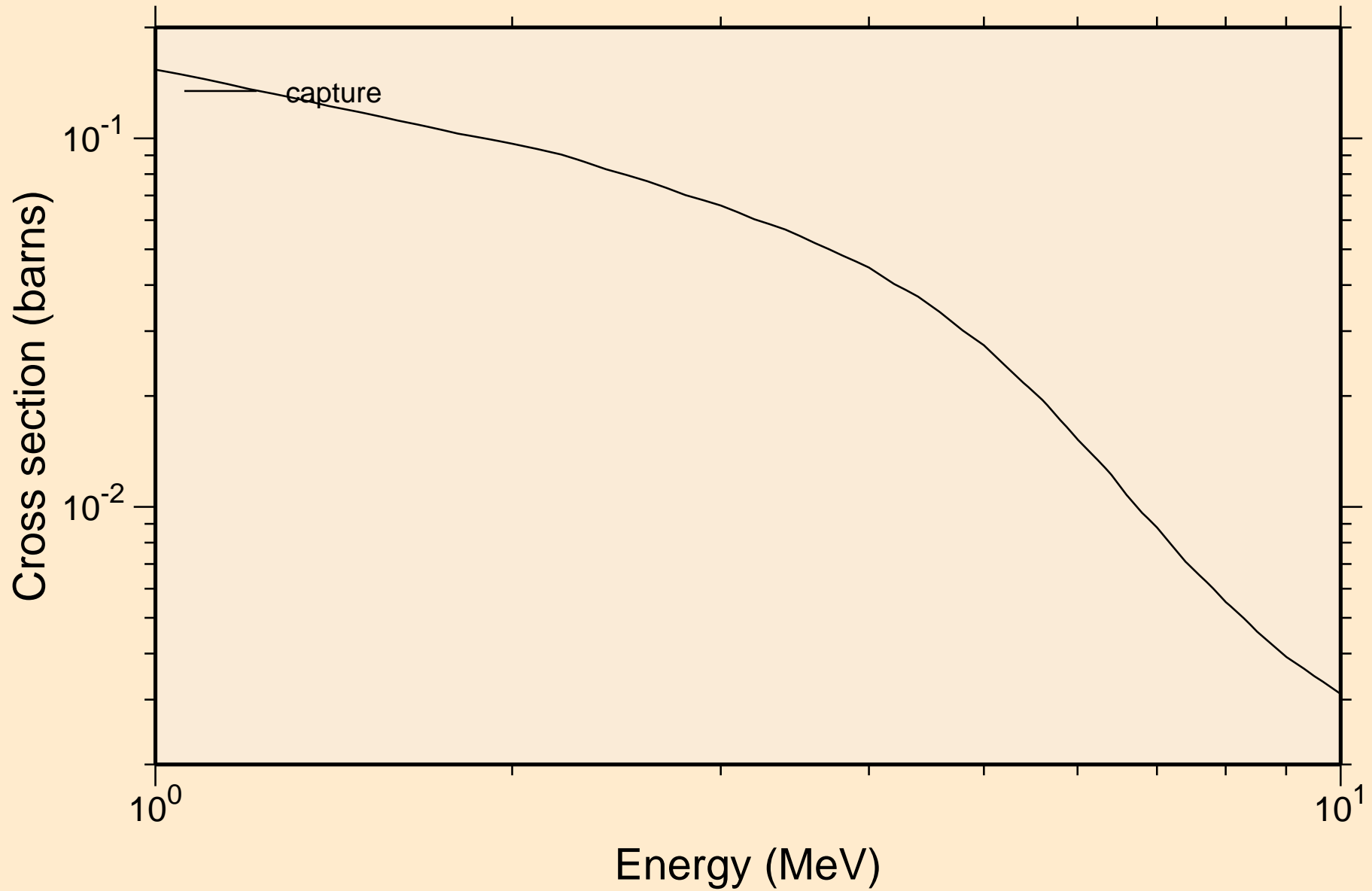




SN113 NRG TENDL-2015, AKONING  
resonance absorption cross sections

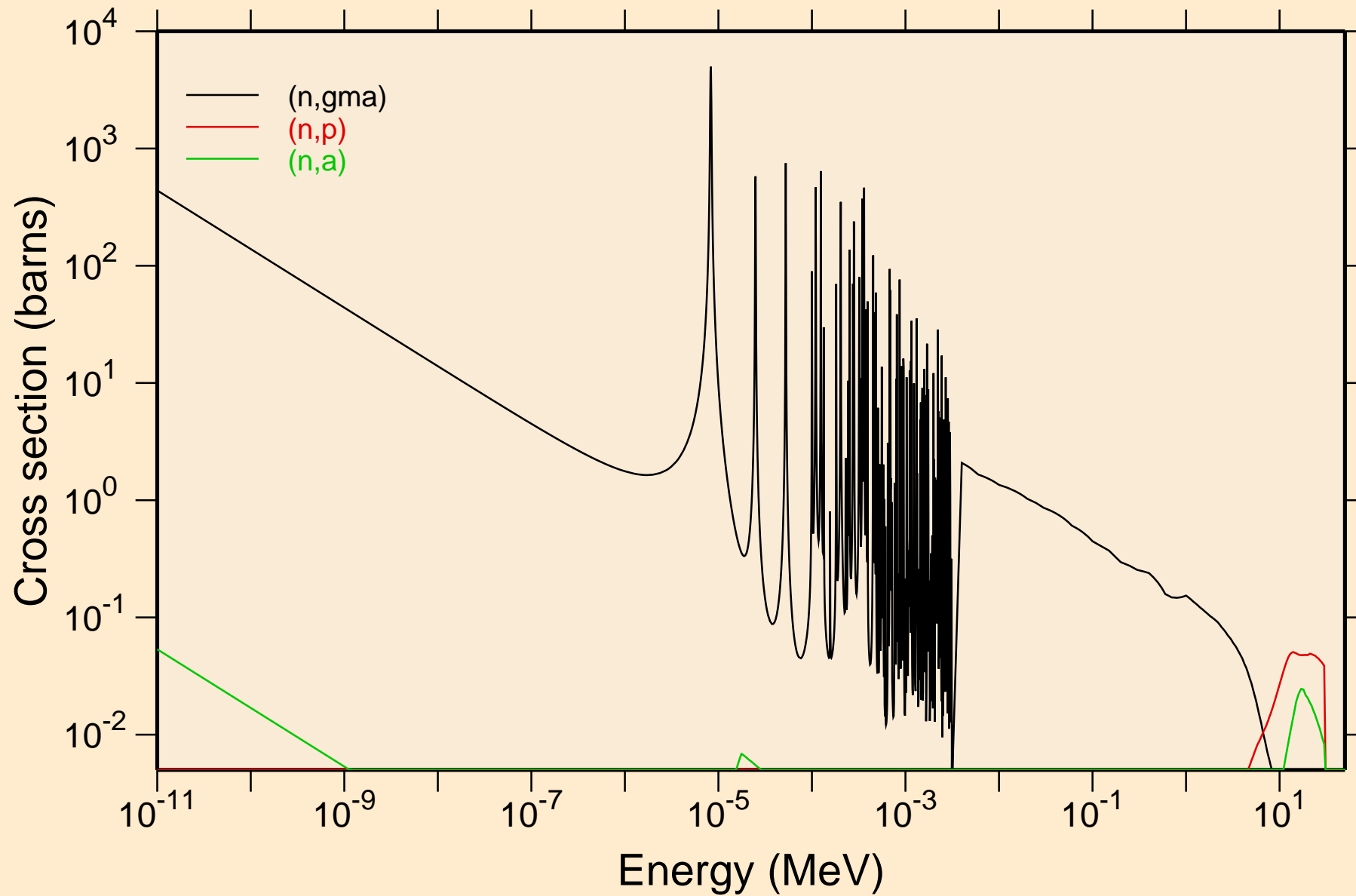


SN113 NRG TENDL-2015, AKONING  
resonance absorption cross sections



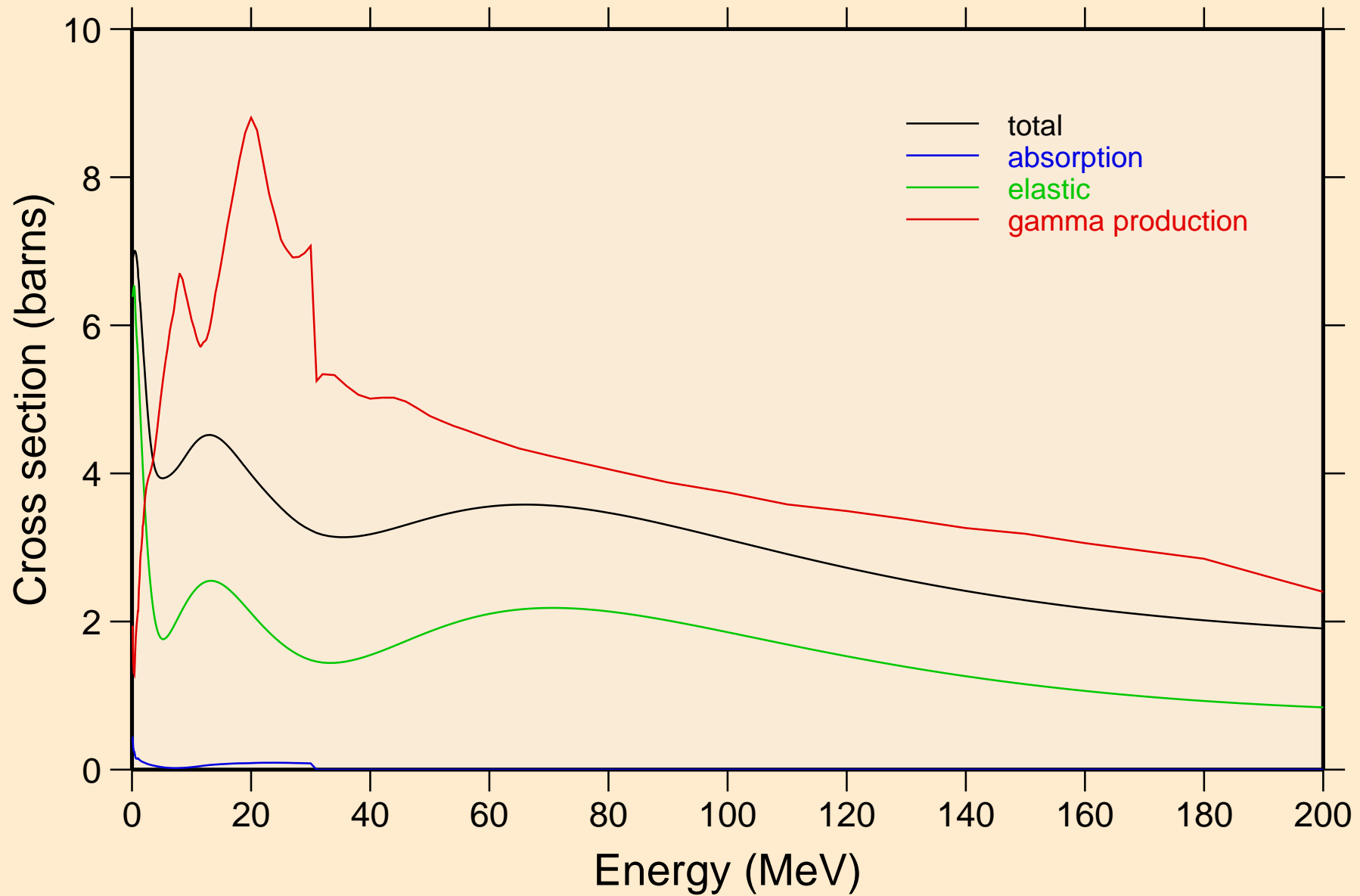
# SN113 NRG TENDL-2015, AKONING

## Non-threshold reactions



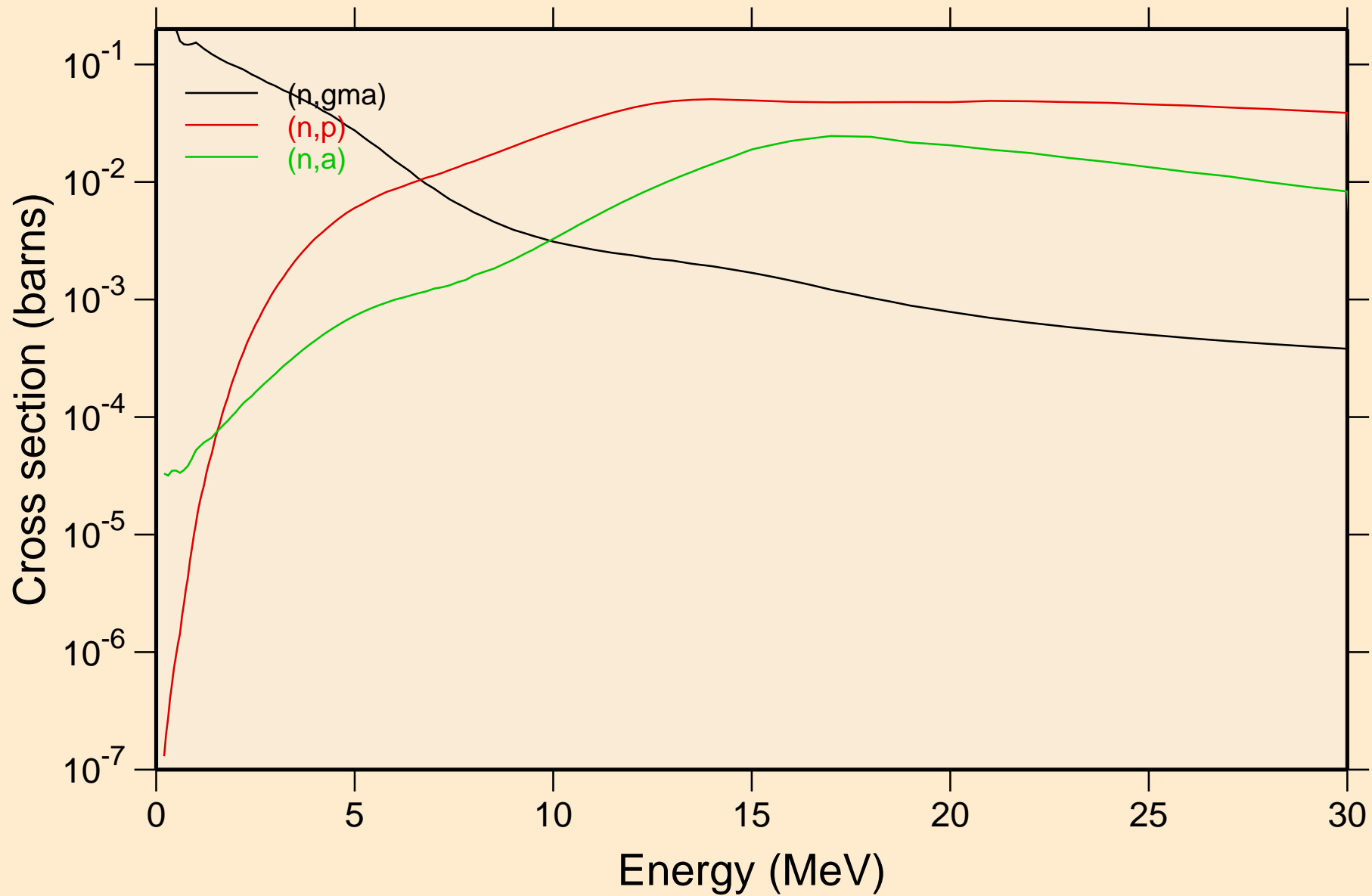
# SN113 NRG TENDL-2015, AKONING

## Principal cross sections



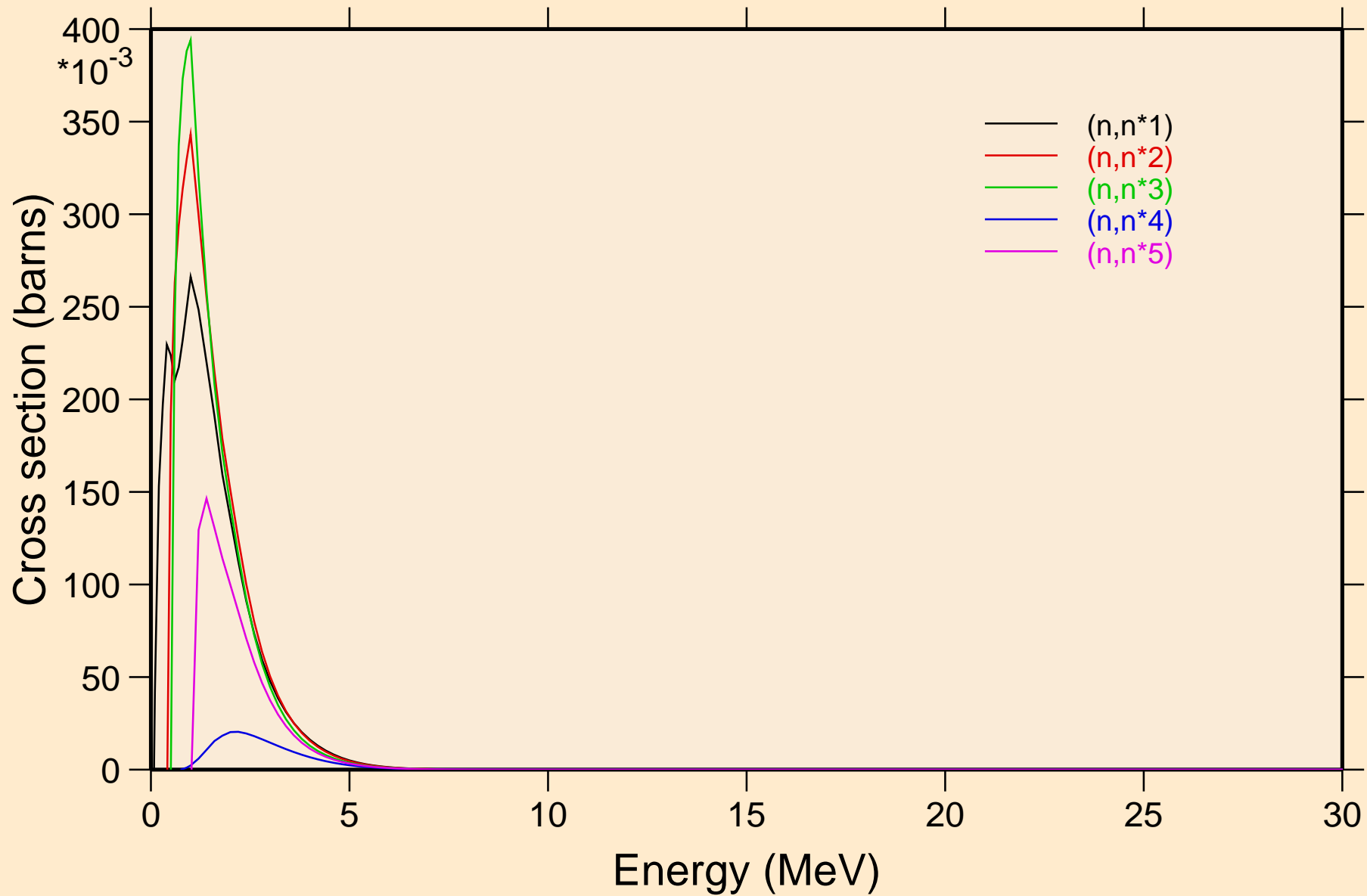
# SN113 NRG TENDL-2015, AKONING

## Non-threshold reactions



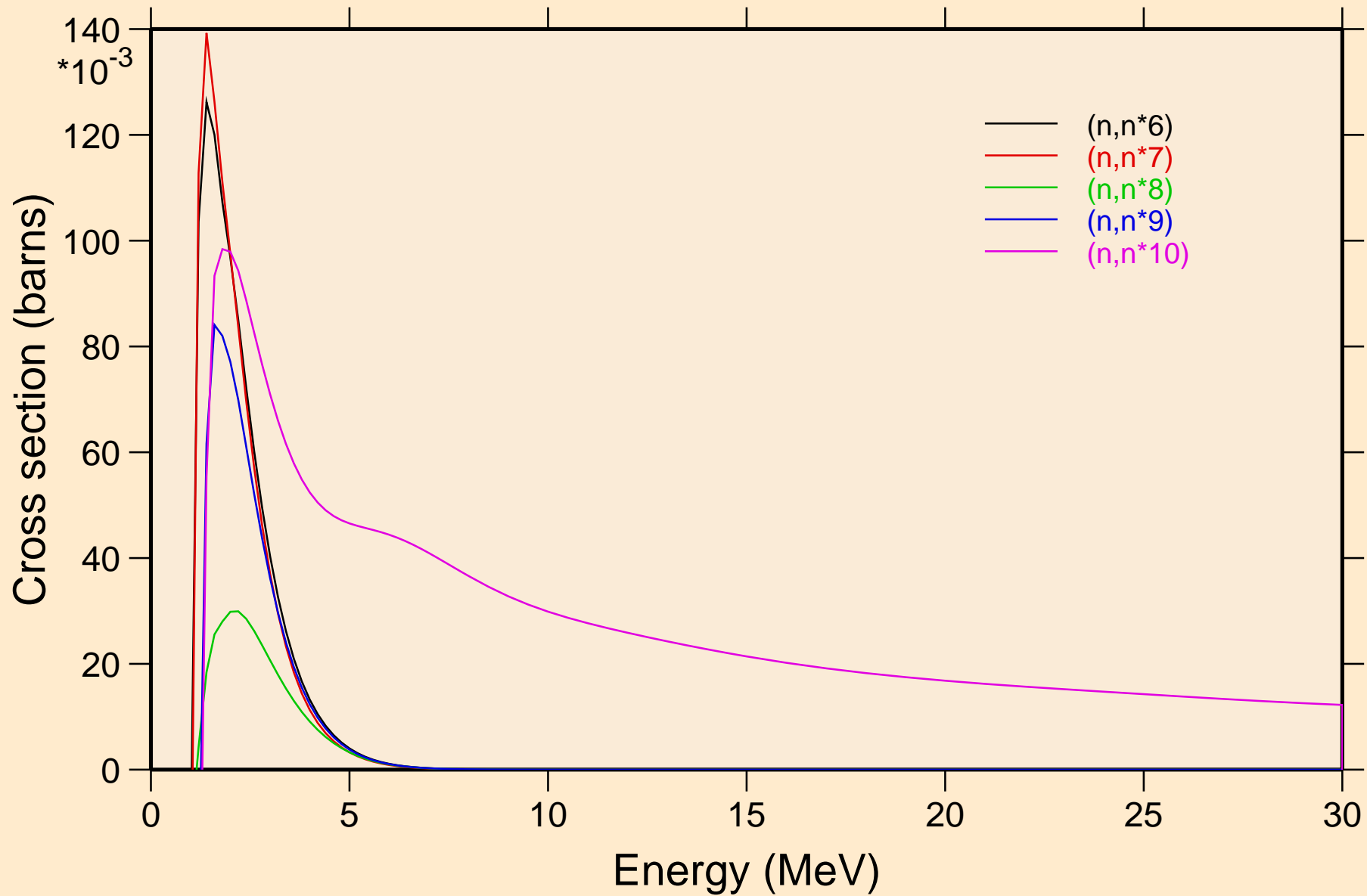
# SN113 NRG TENDL-2015, AKONING

## Inelastic levels



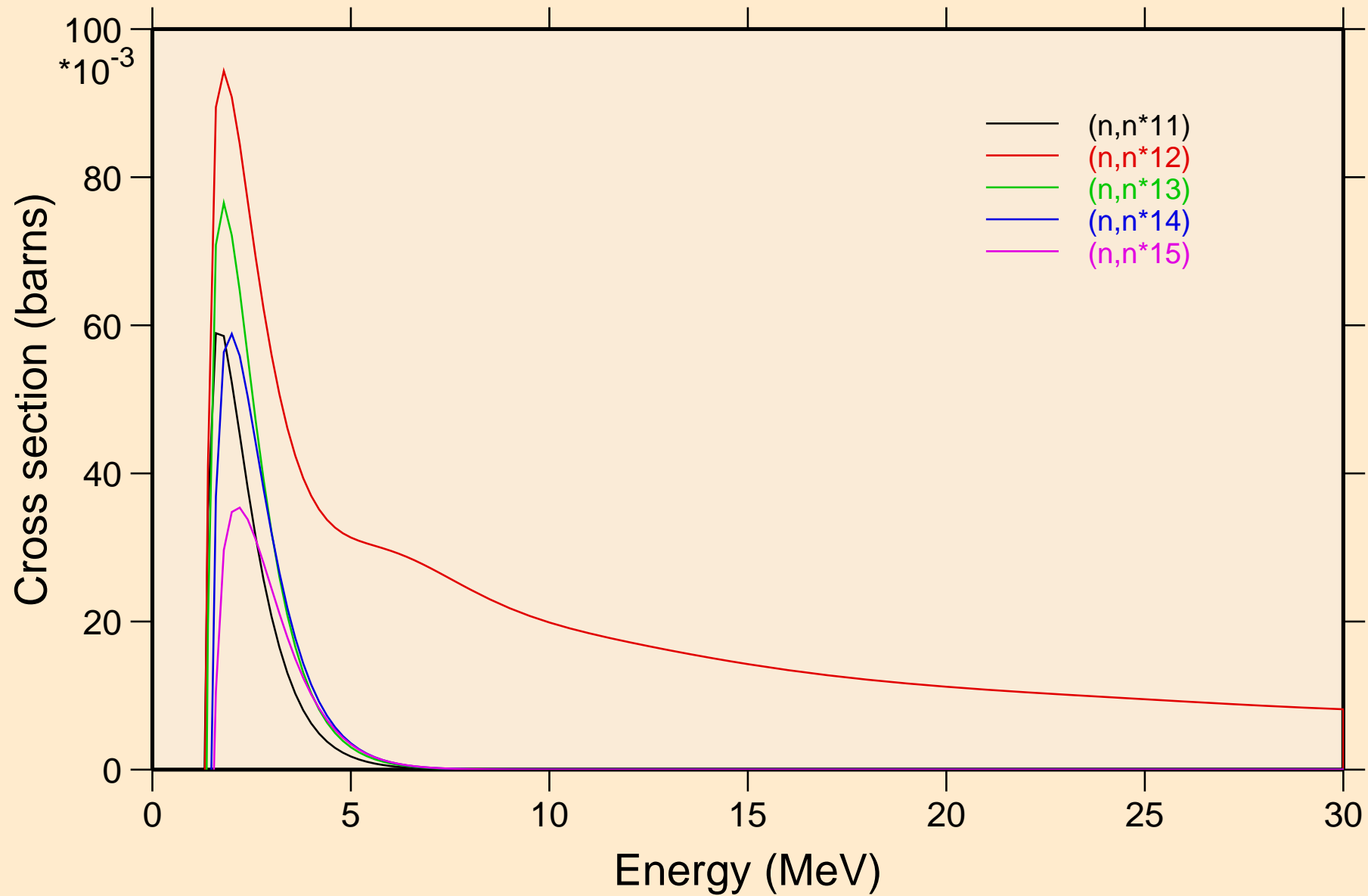
# SN113 NRG TENDL-2015, AKONING

## Inelastic levels



# SN113 NRG TENDL-2015, AKONING

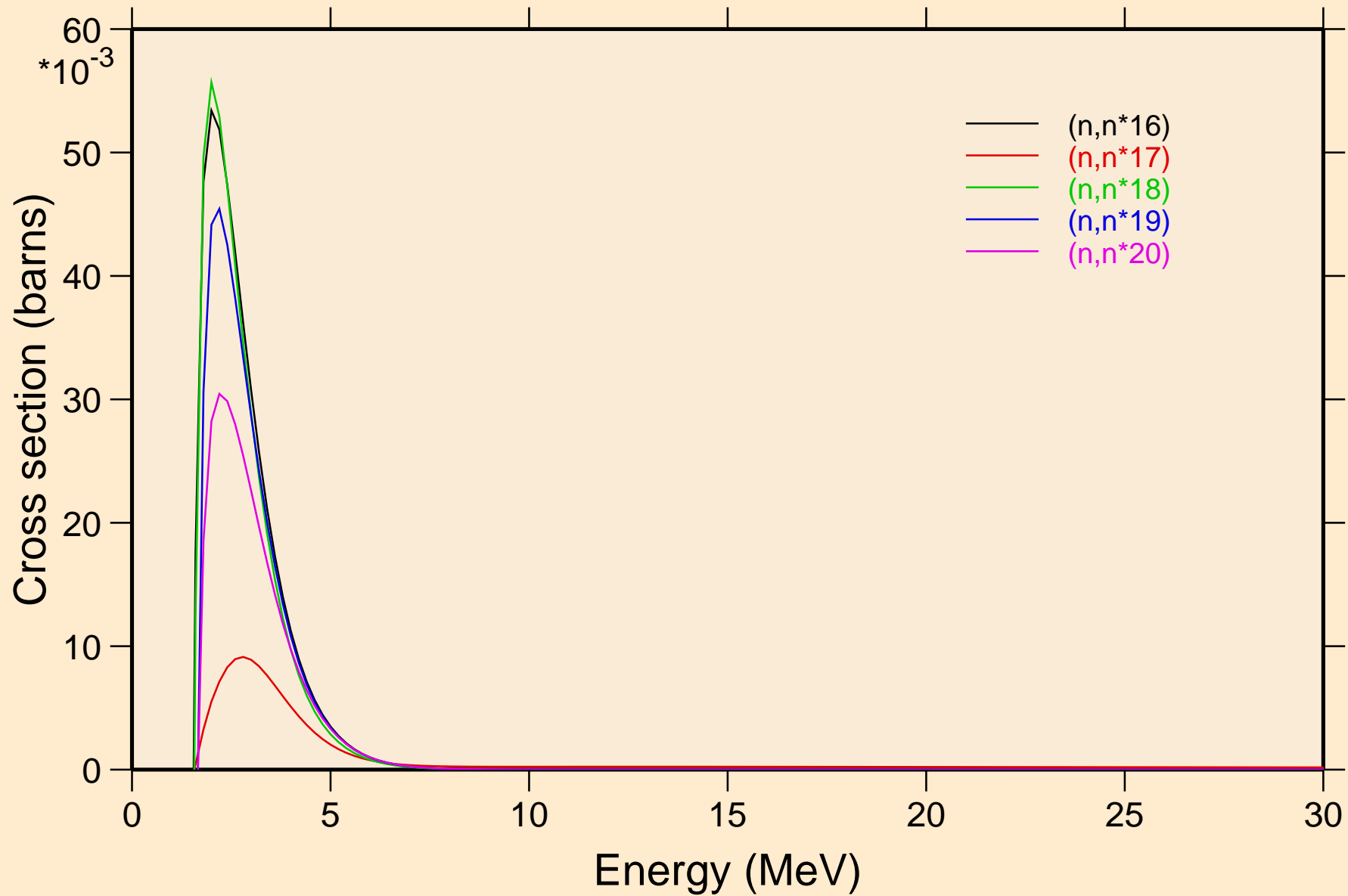
## Inelastic levels





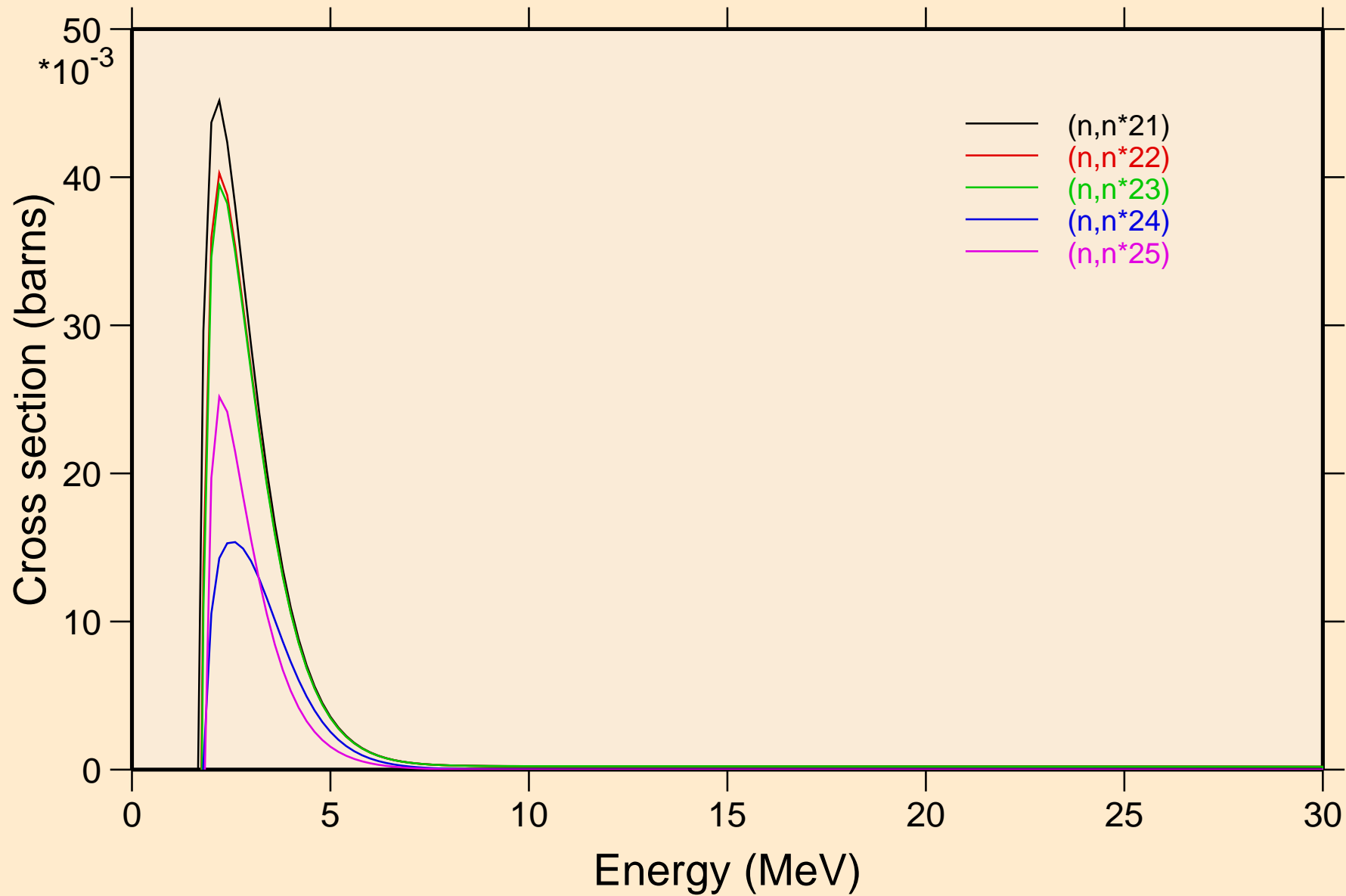
# SN113 NRG TENDL-2015, AKONING

## Inelastic levels



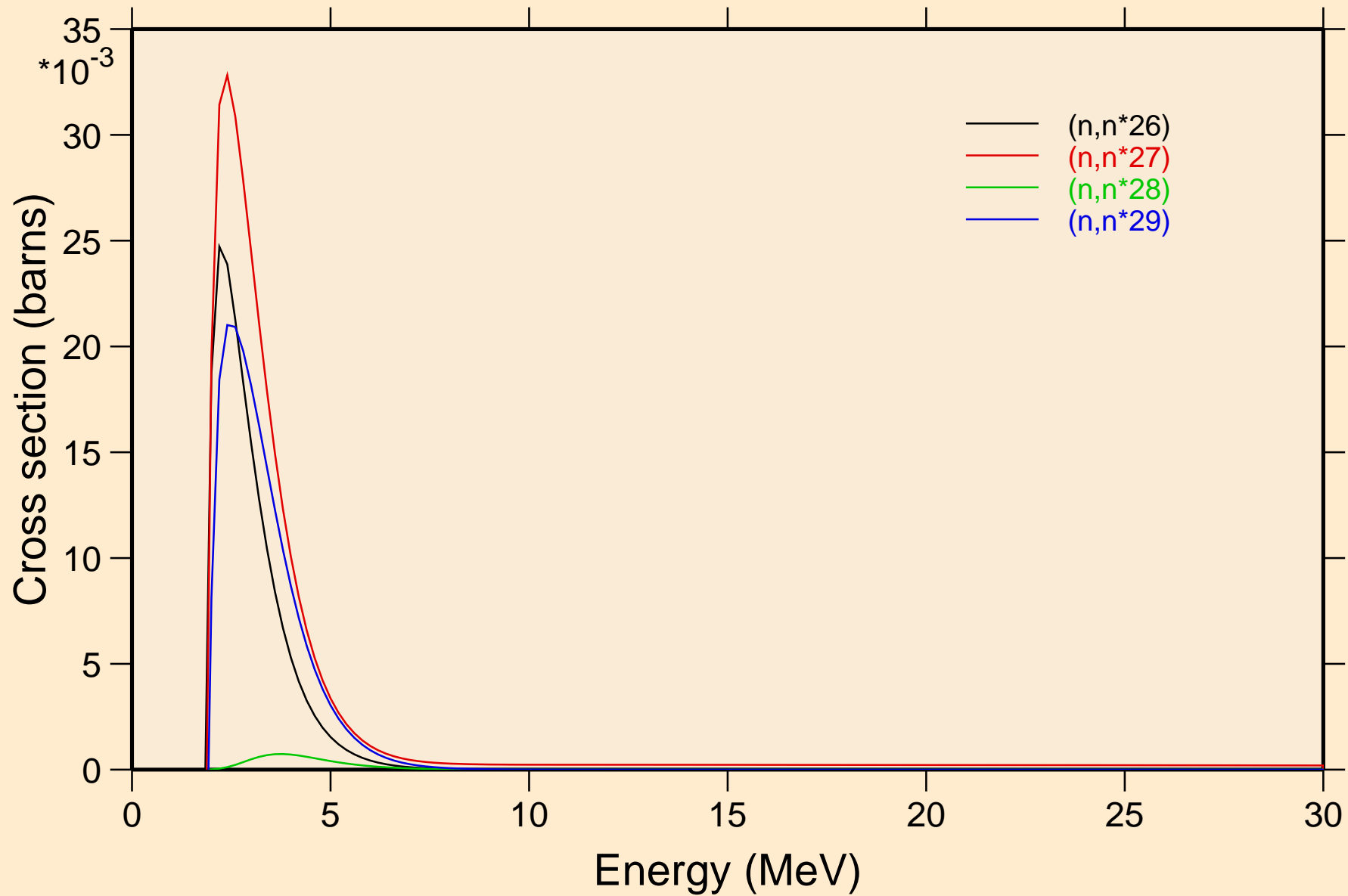
# SN113 NRG TENDL-2015, AKONING

## Inelastic levels



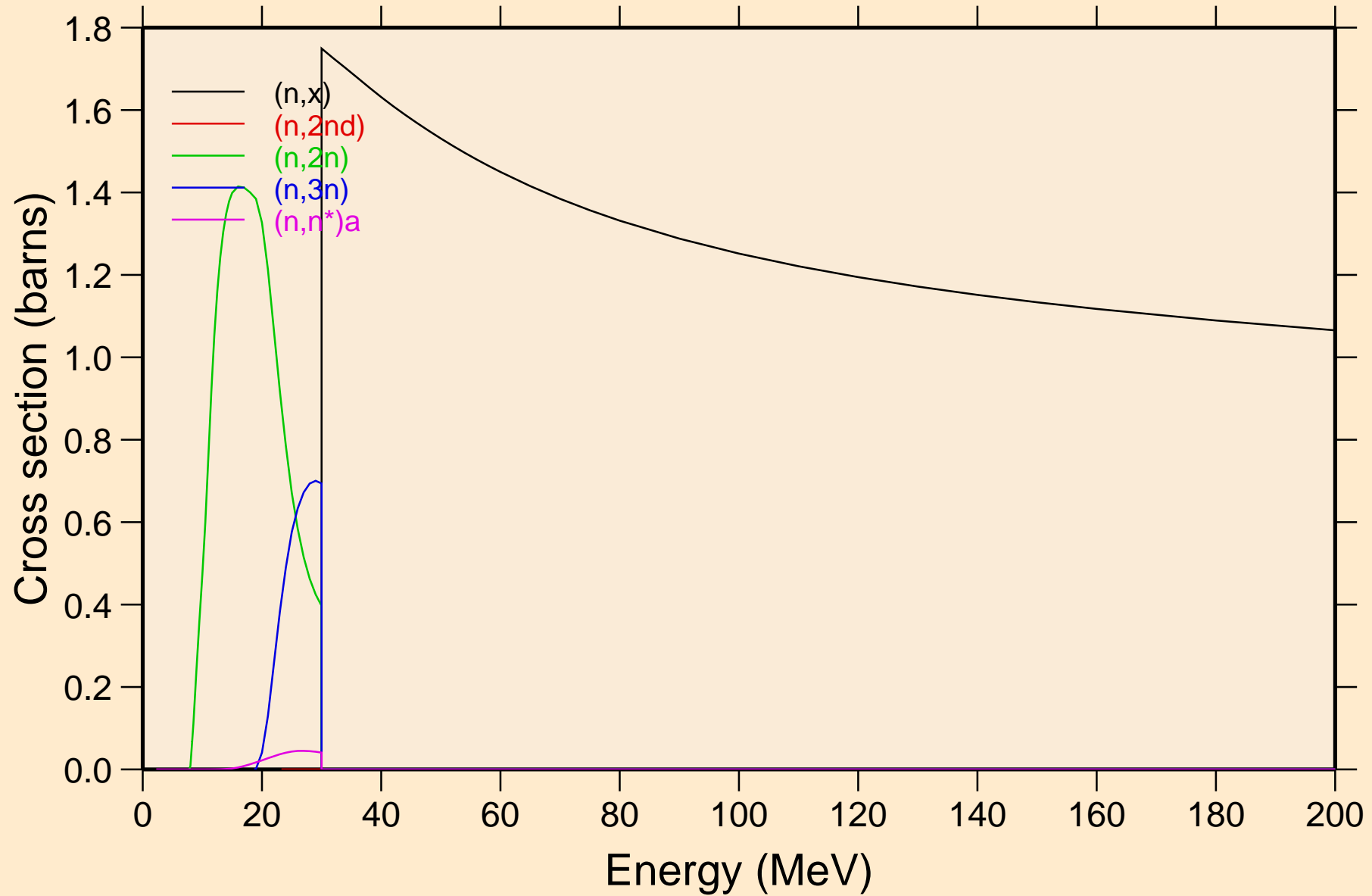
# SN113 NRG TENDL-2015, AKONING

## Inelastic levels



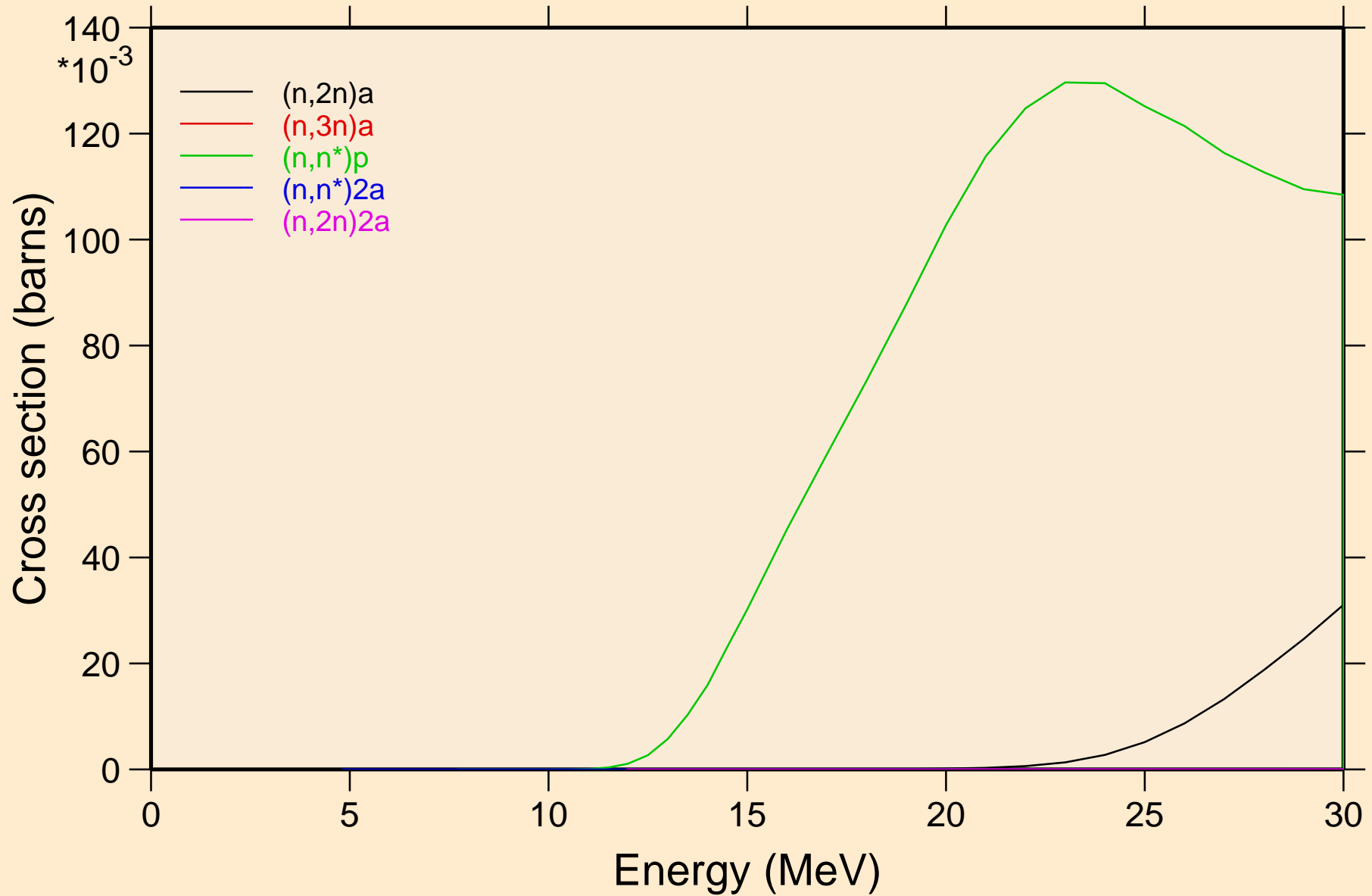
# SN113 NRG TENDL-2015, AKONING

## Threshold reactions



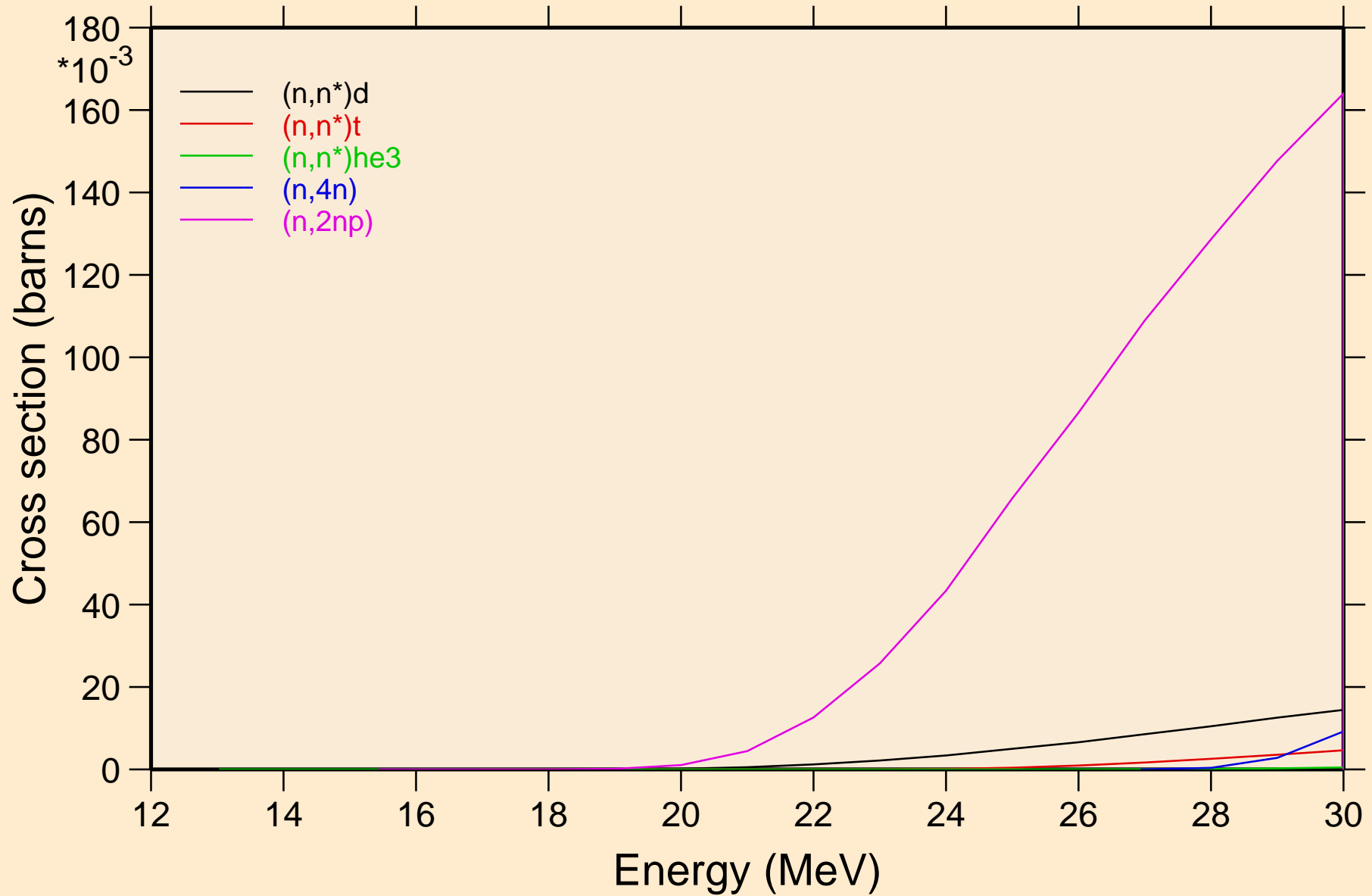
# SN113 NRG TENDL-2015, AKONING

## Threshold reactions



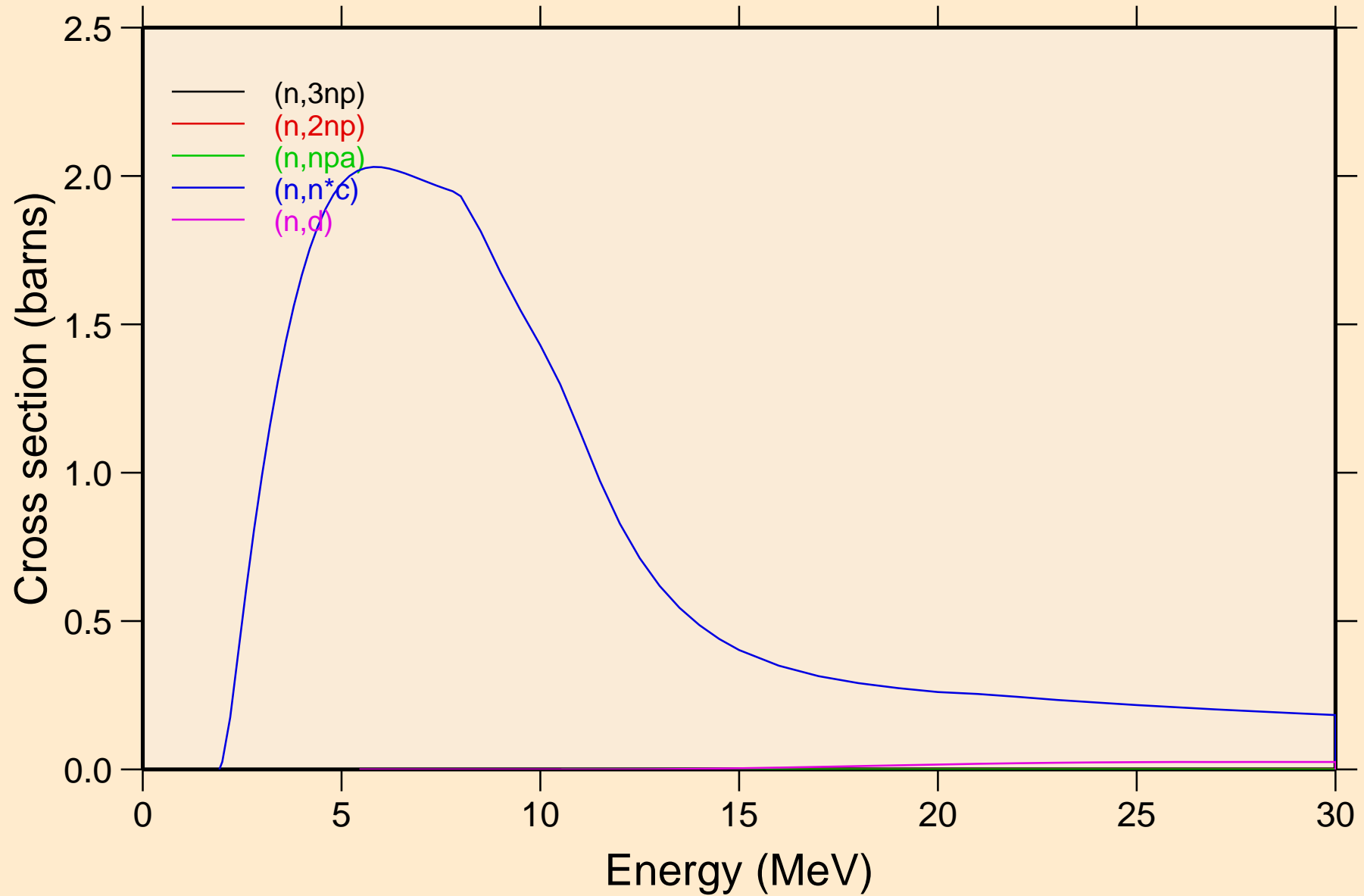
# SN113 NRG TENDL-2015, AKONING

## Threshold reactions



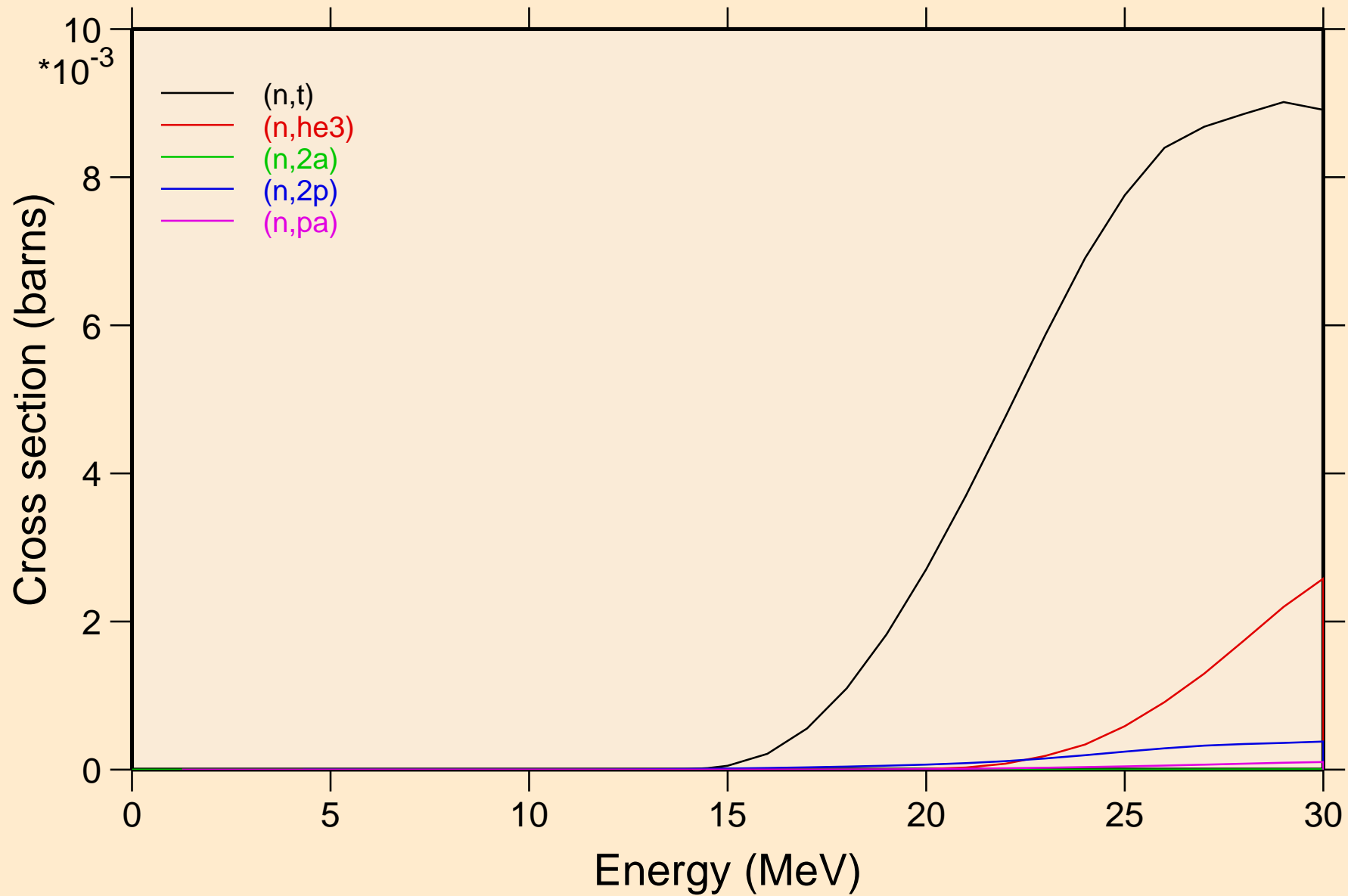
# SN113 NRG TENDL-2015, AKONING

## Threshold reactions



# SN113 NRG TENDL-2015, AKONING

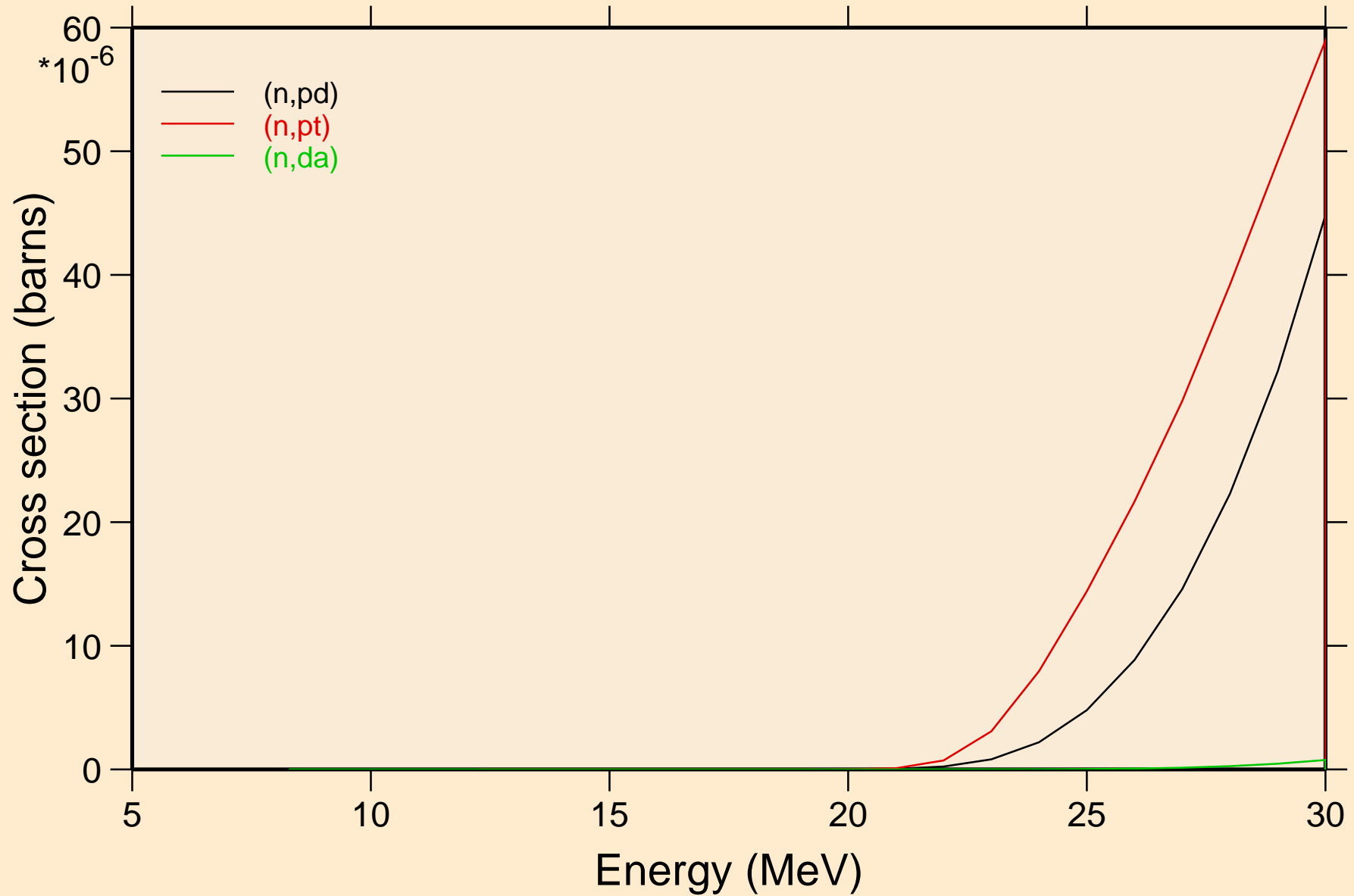
## Threshold reactions



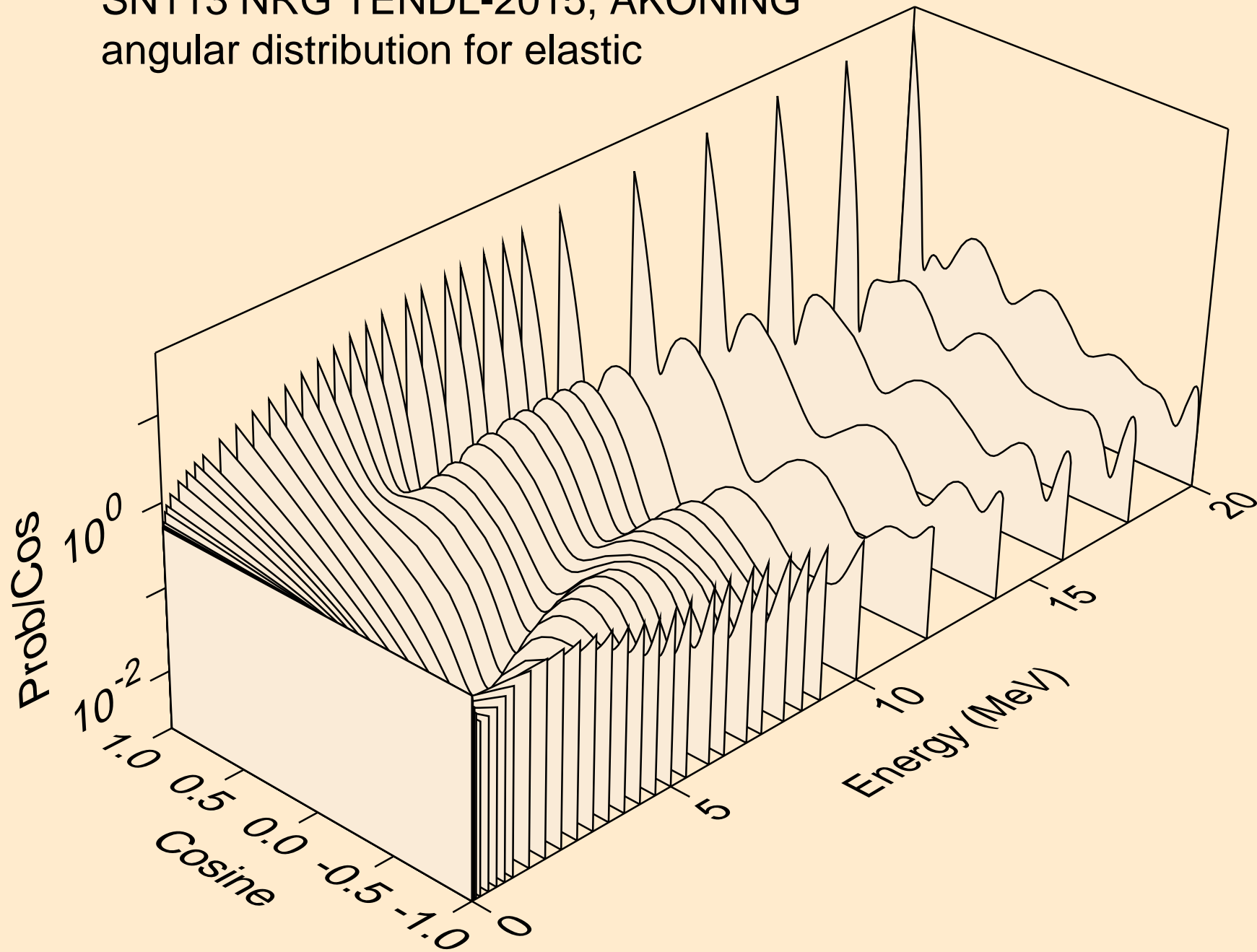


# SN113 NRG TENDL-2015, AKONING

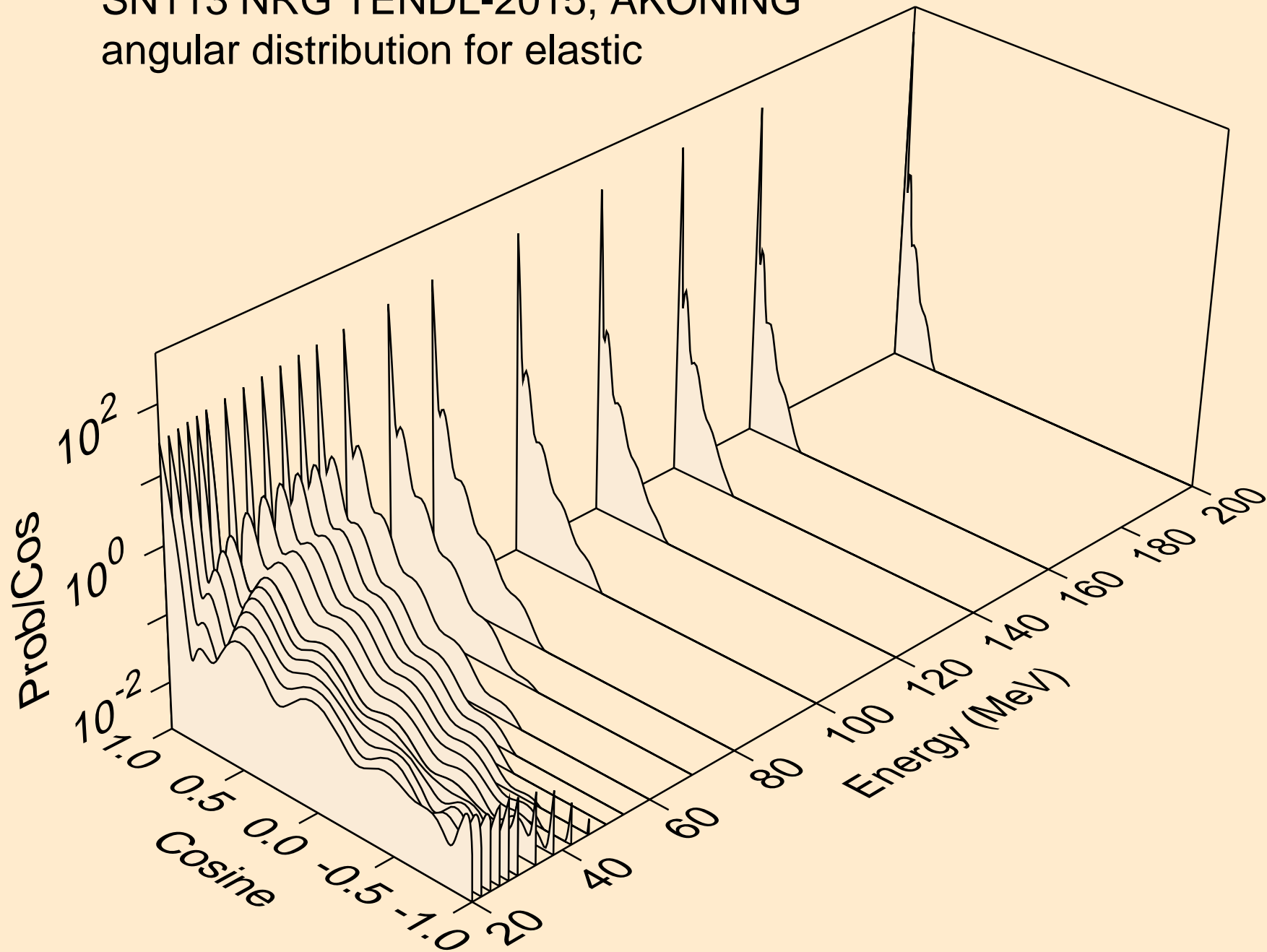
## Threshold reactions



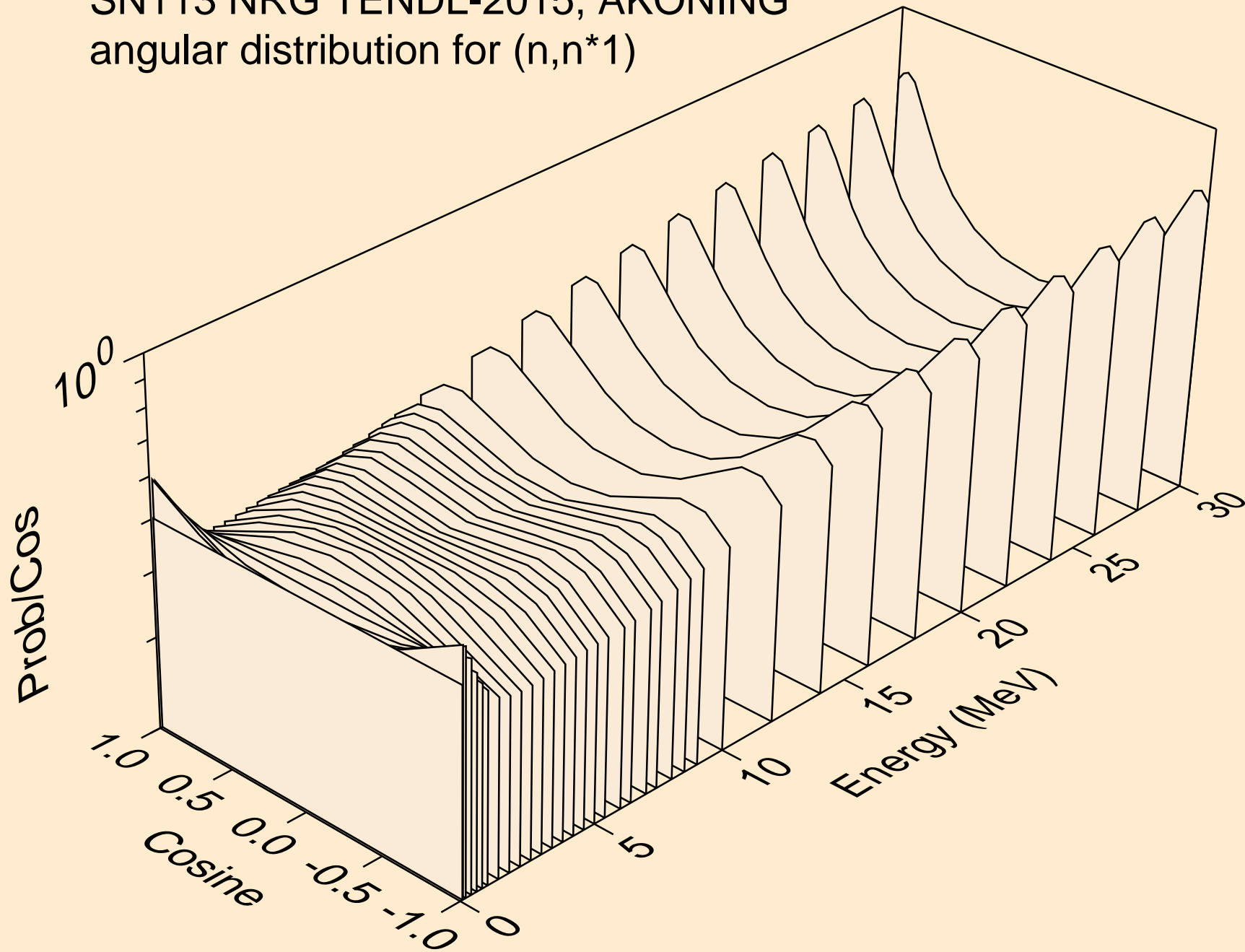
SN113 NRG TENDL-2015, AKONING  
angular distribution for elastic



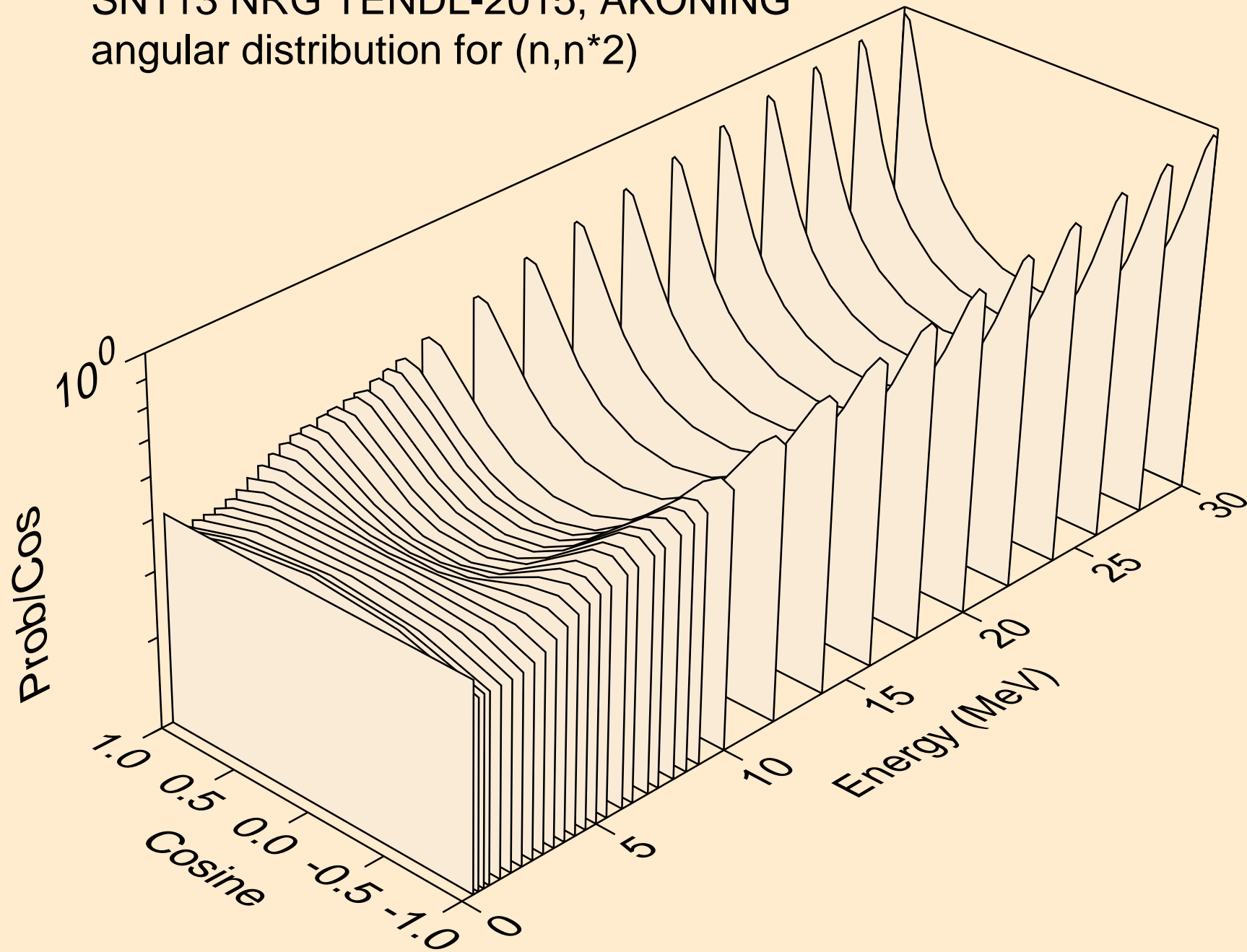
SN113 NRG TENDL-2015, AKONING  
angular distribution for elastic



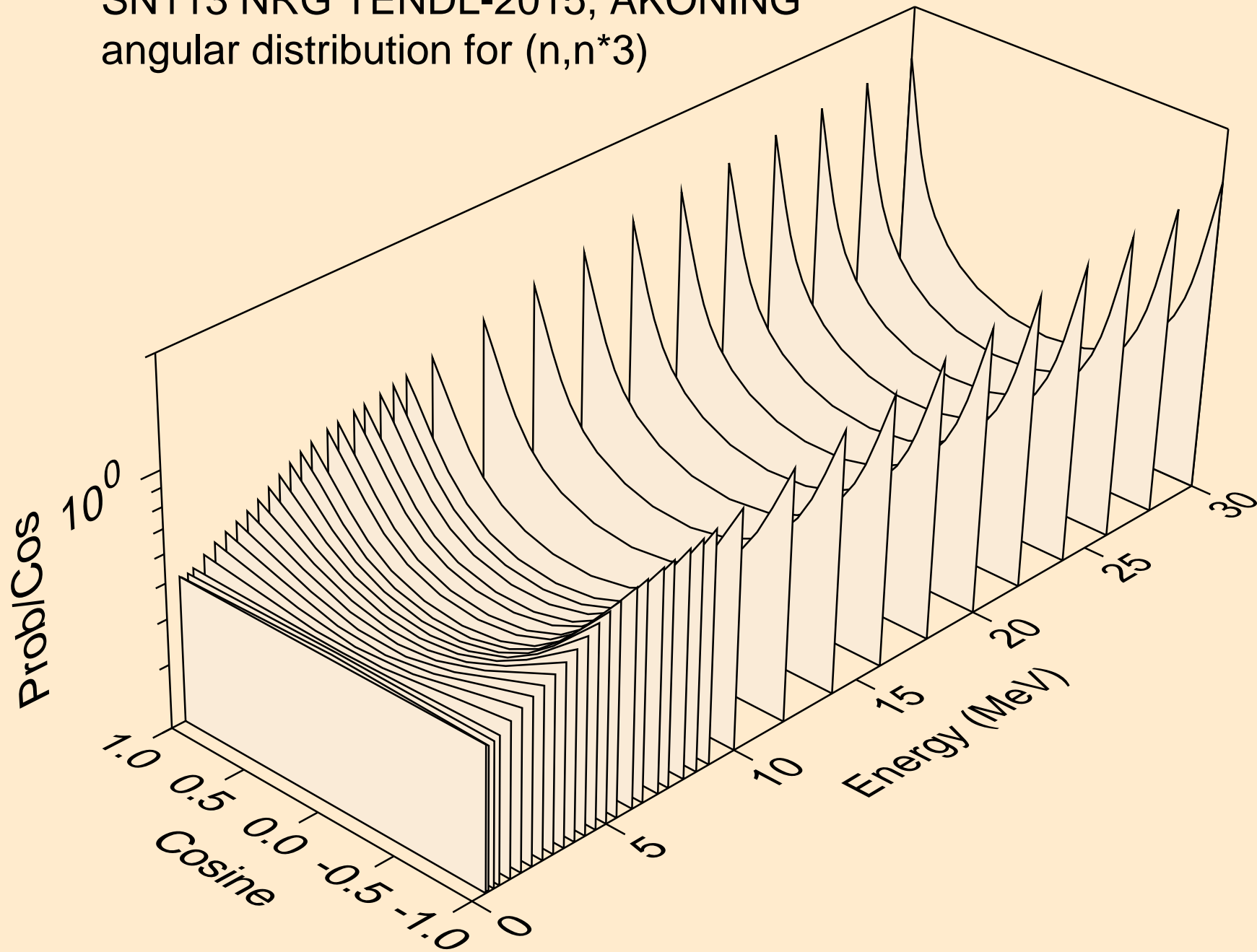
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



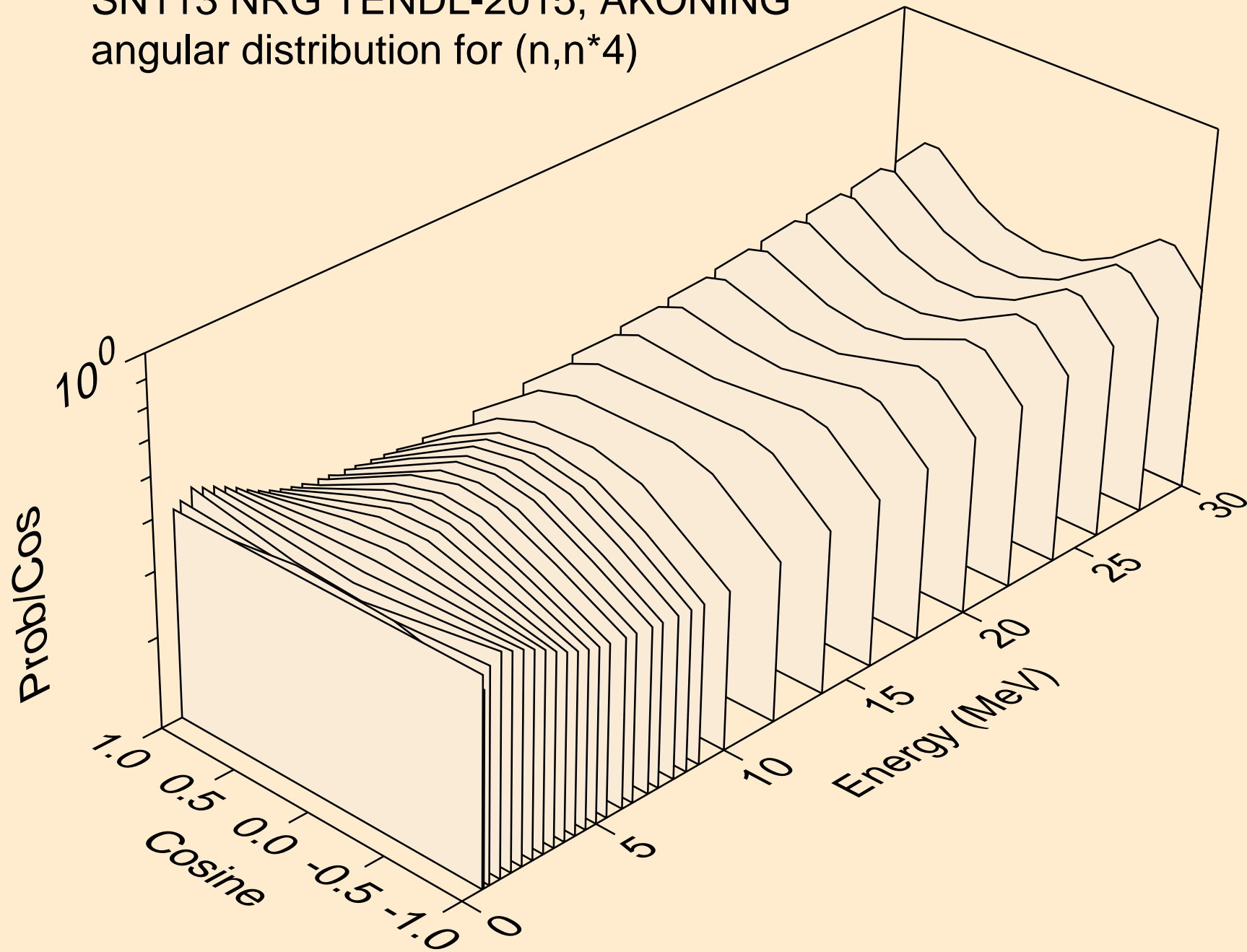
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



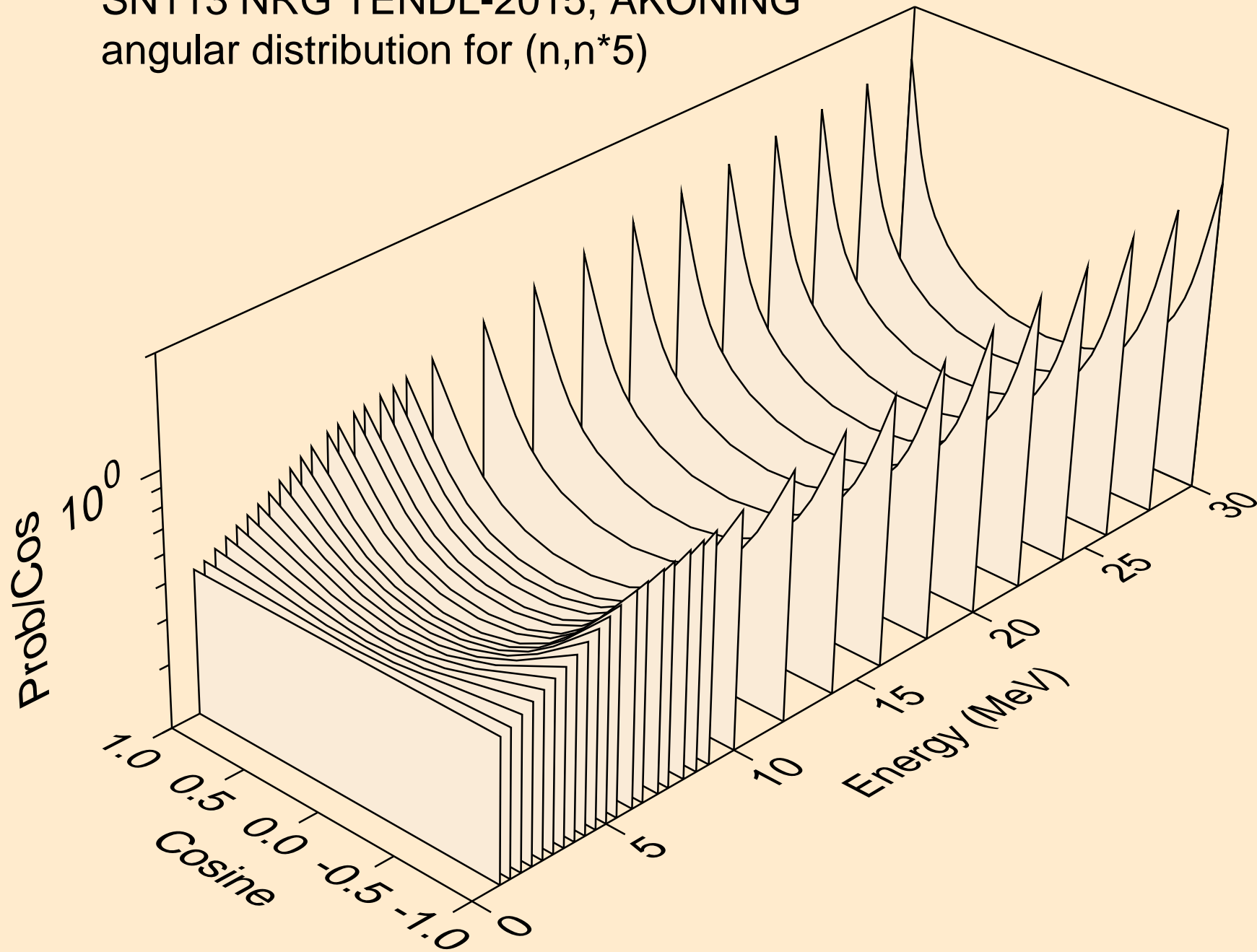
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

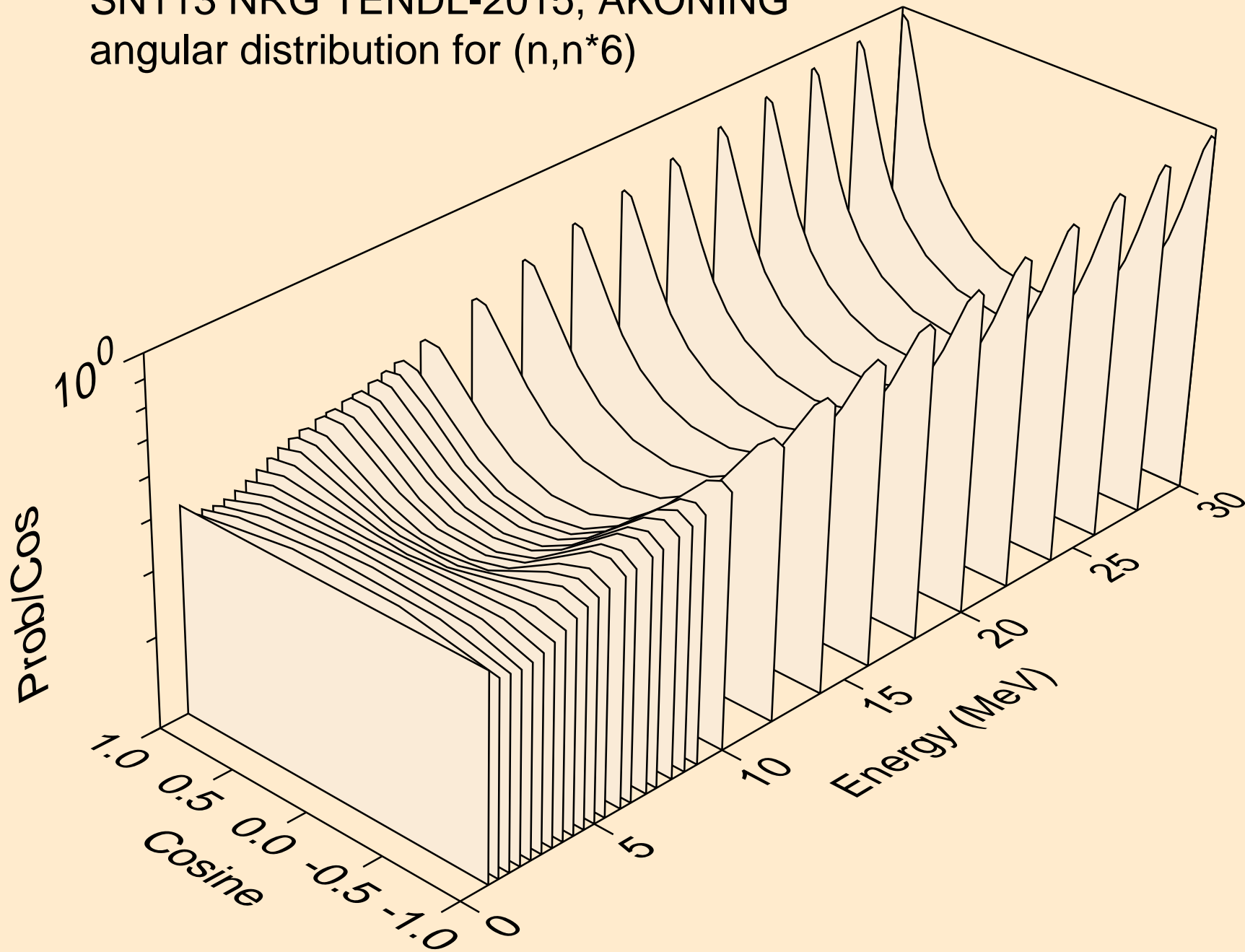


SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

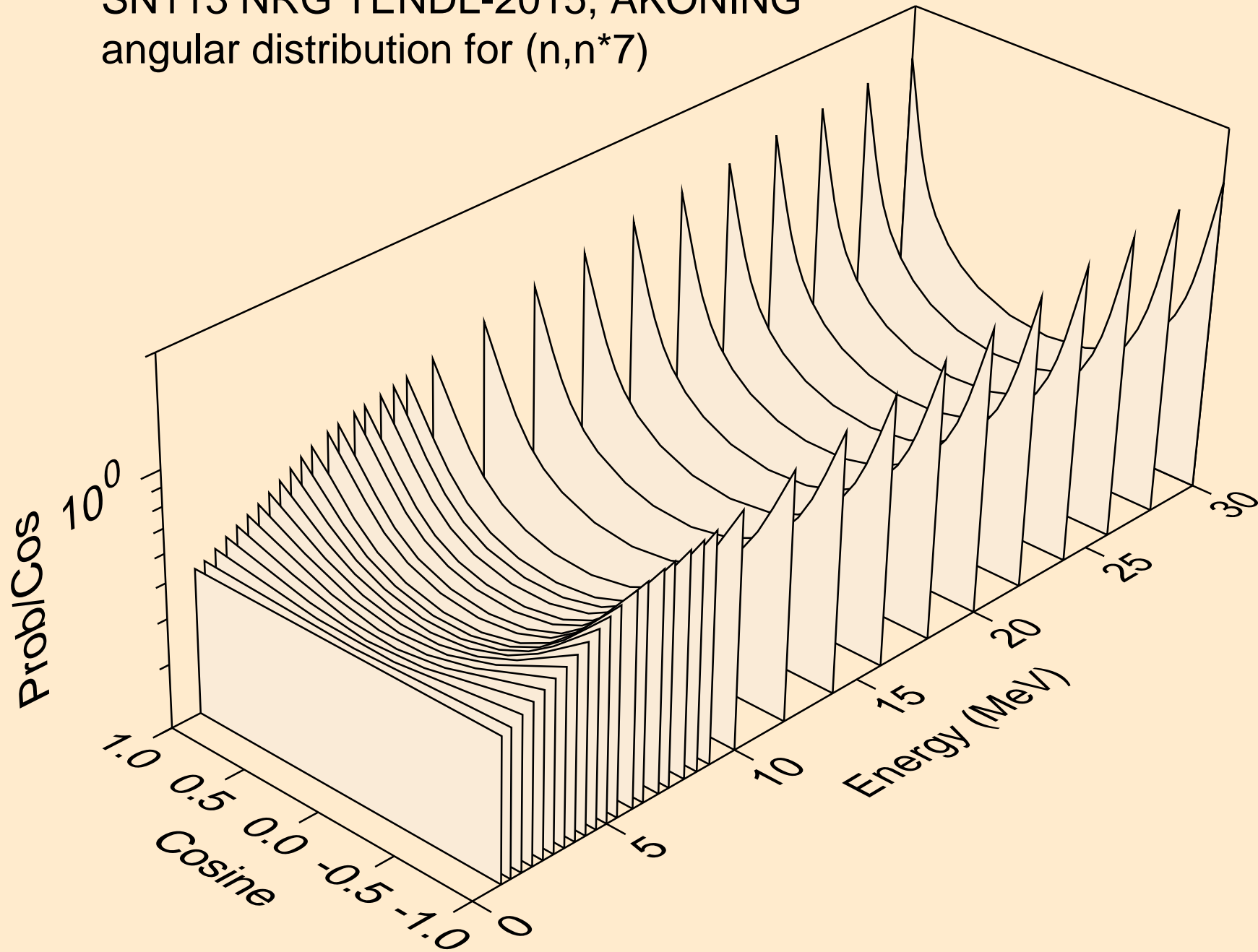




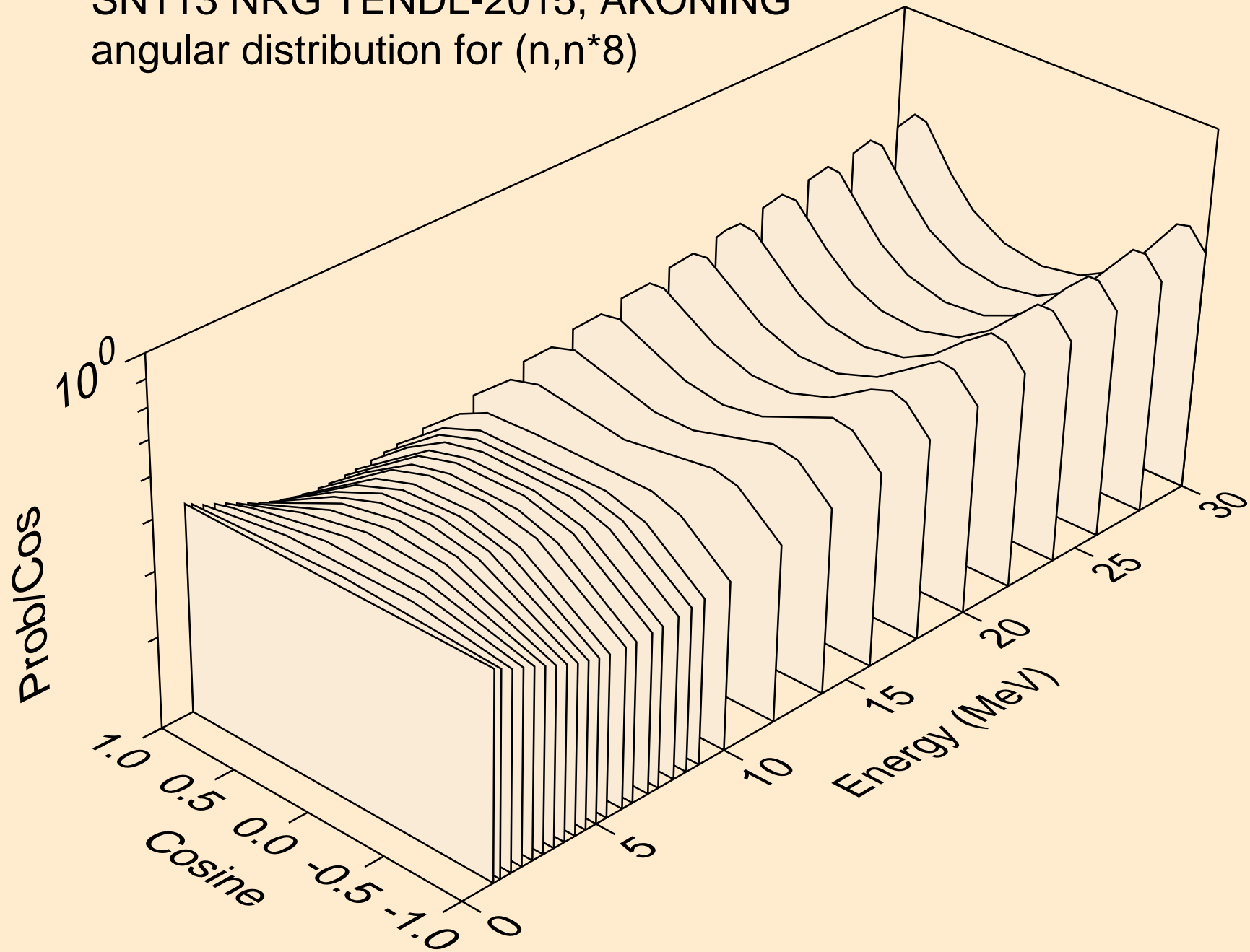
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



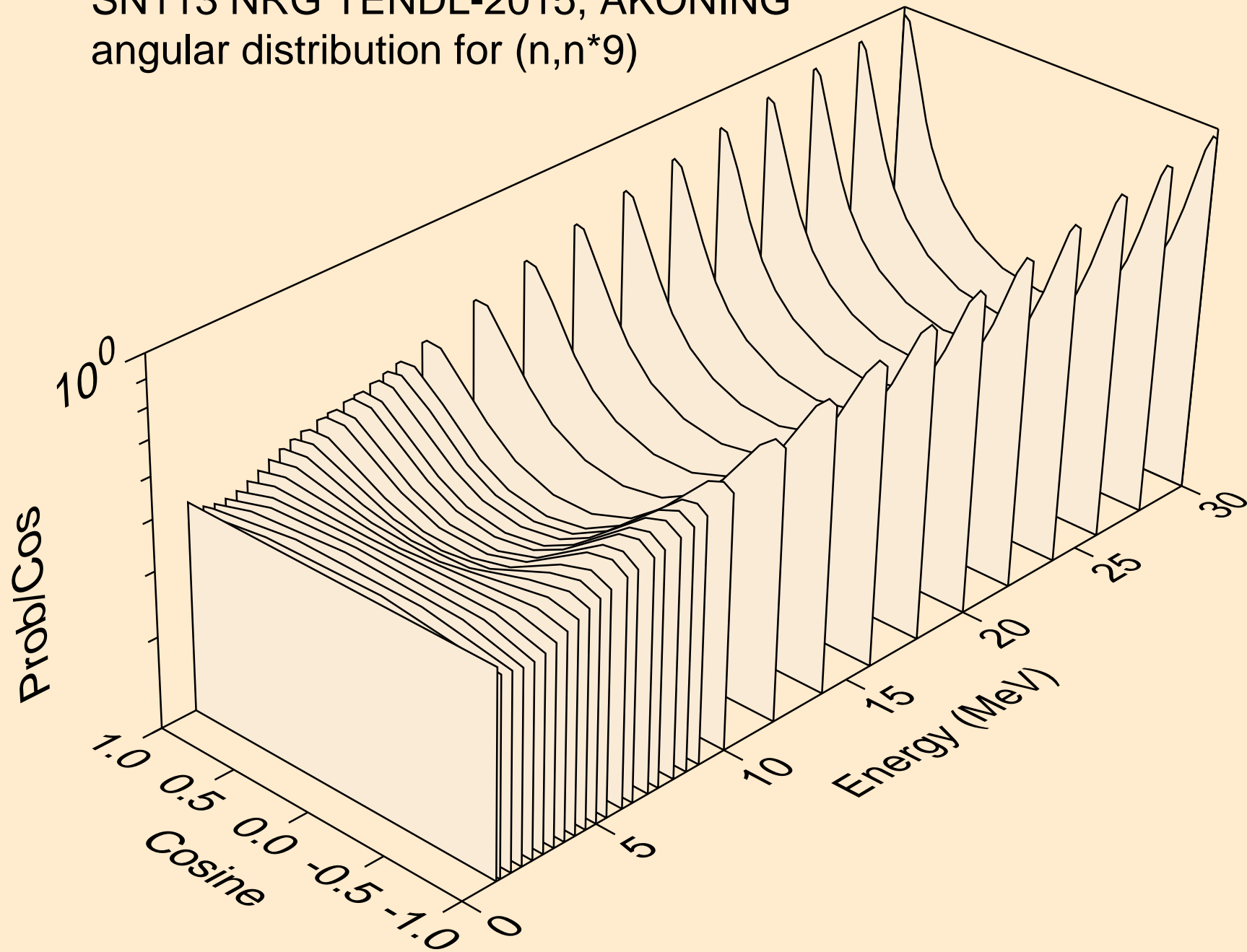
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



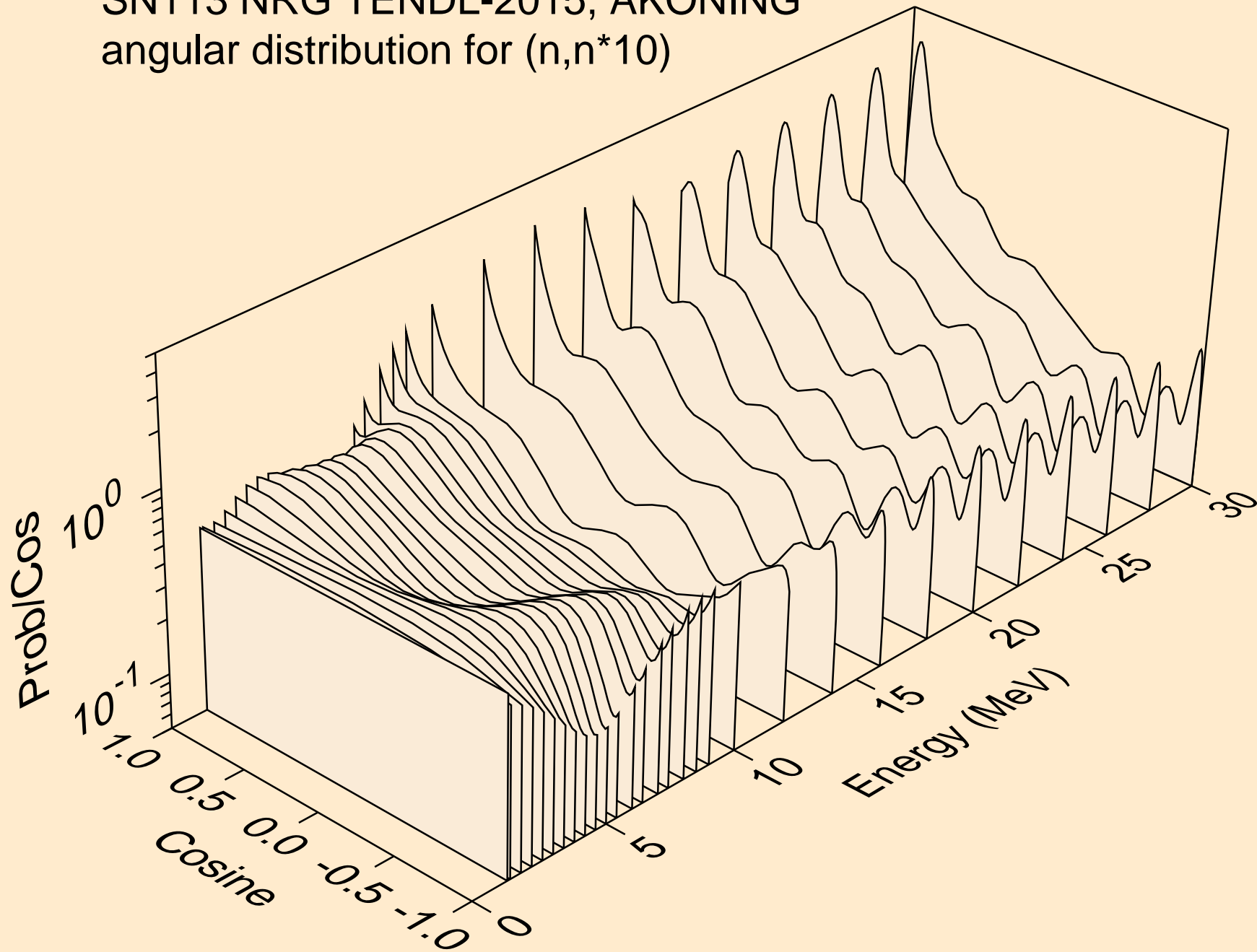
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



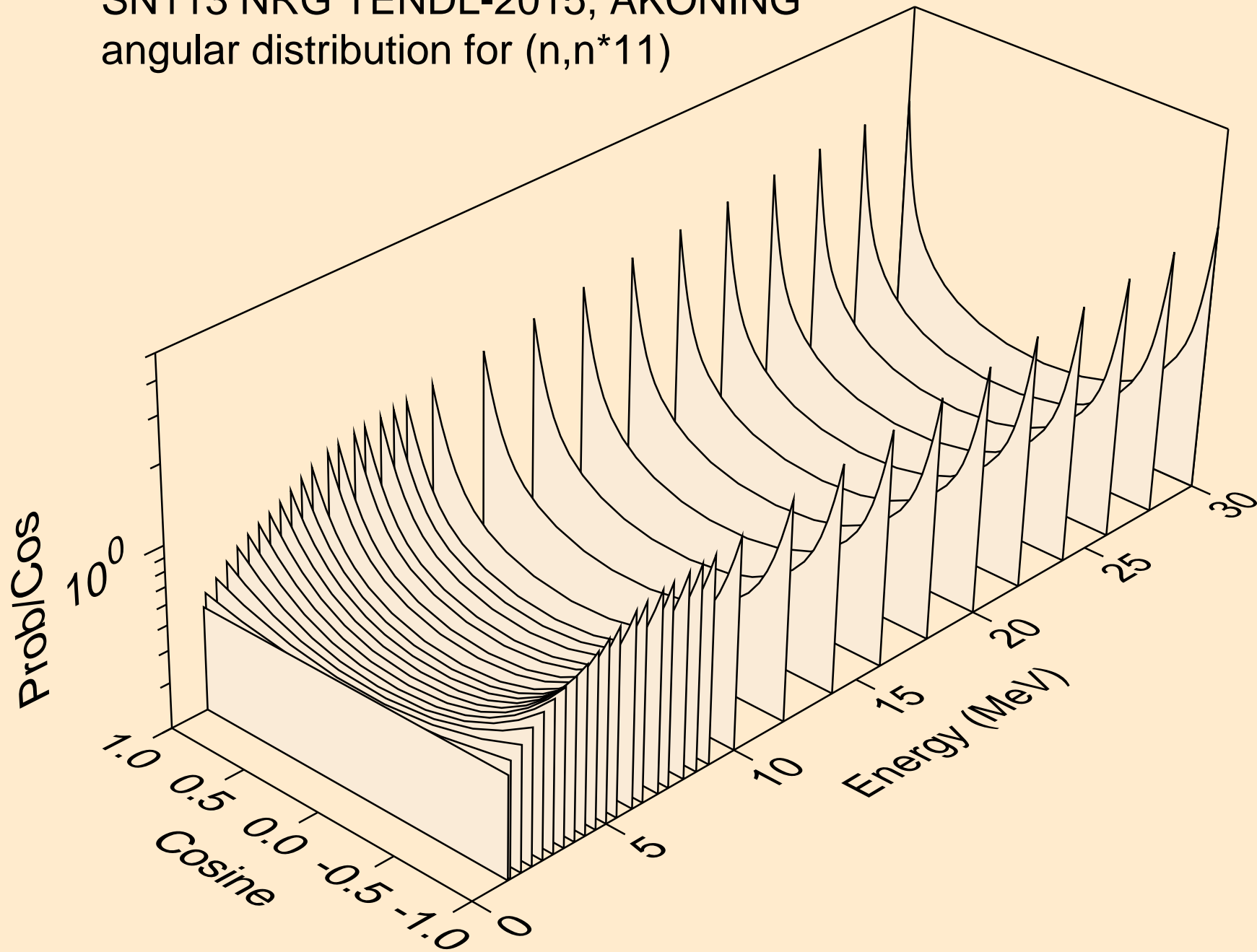
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



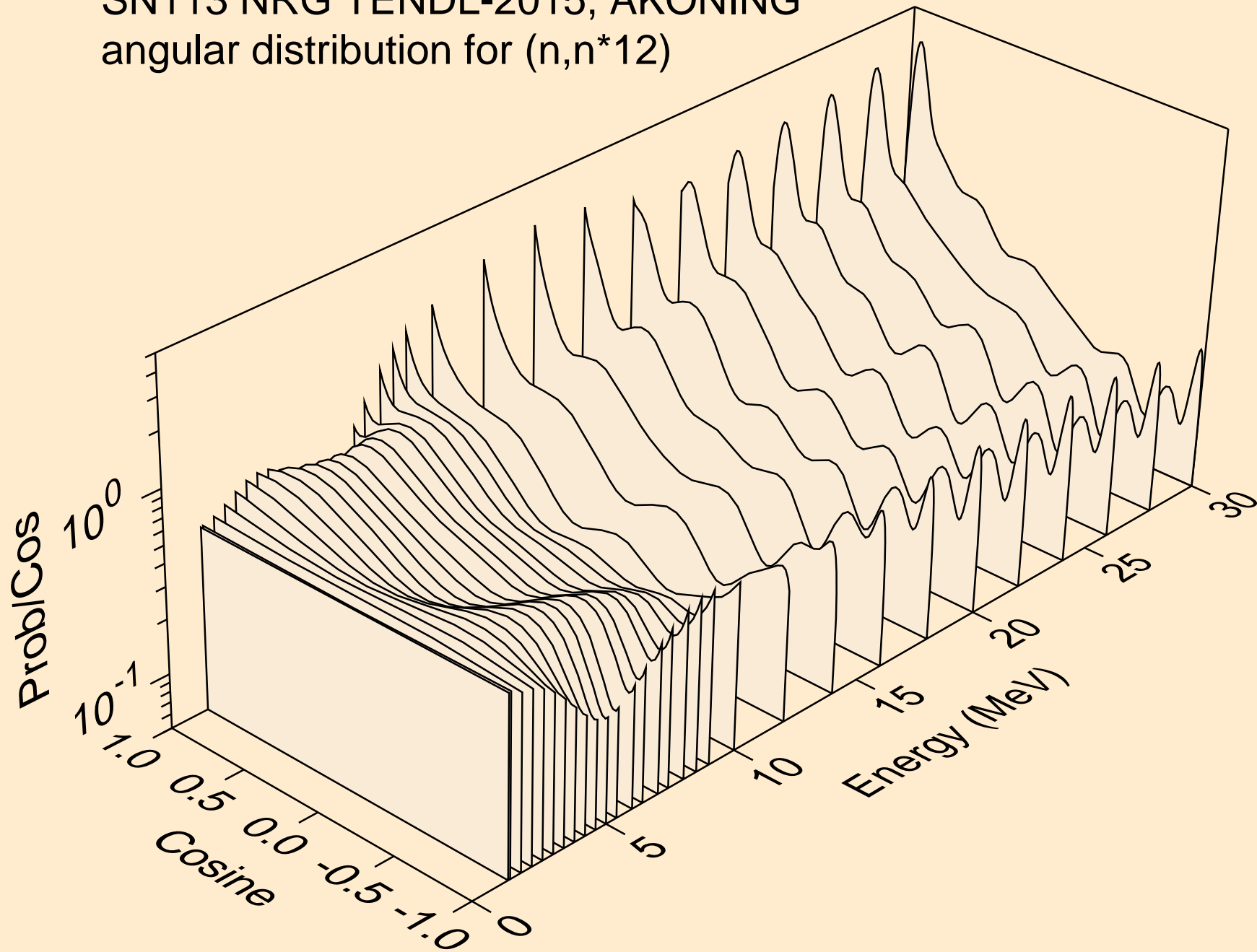
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



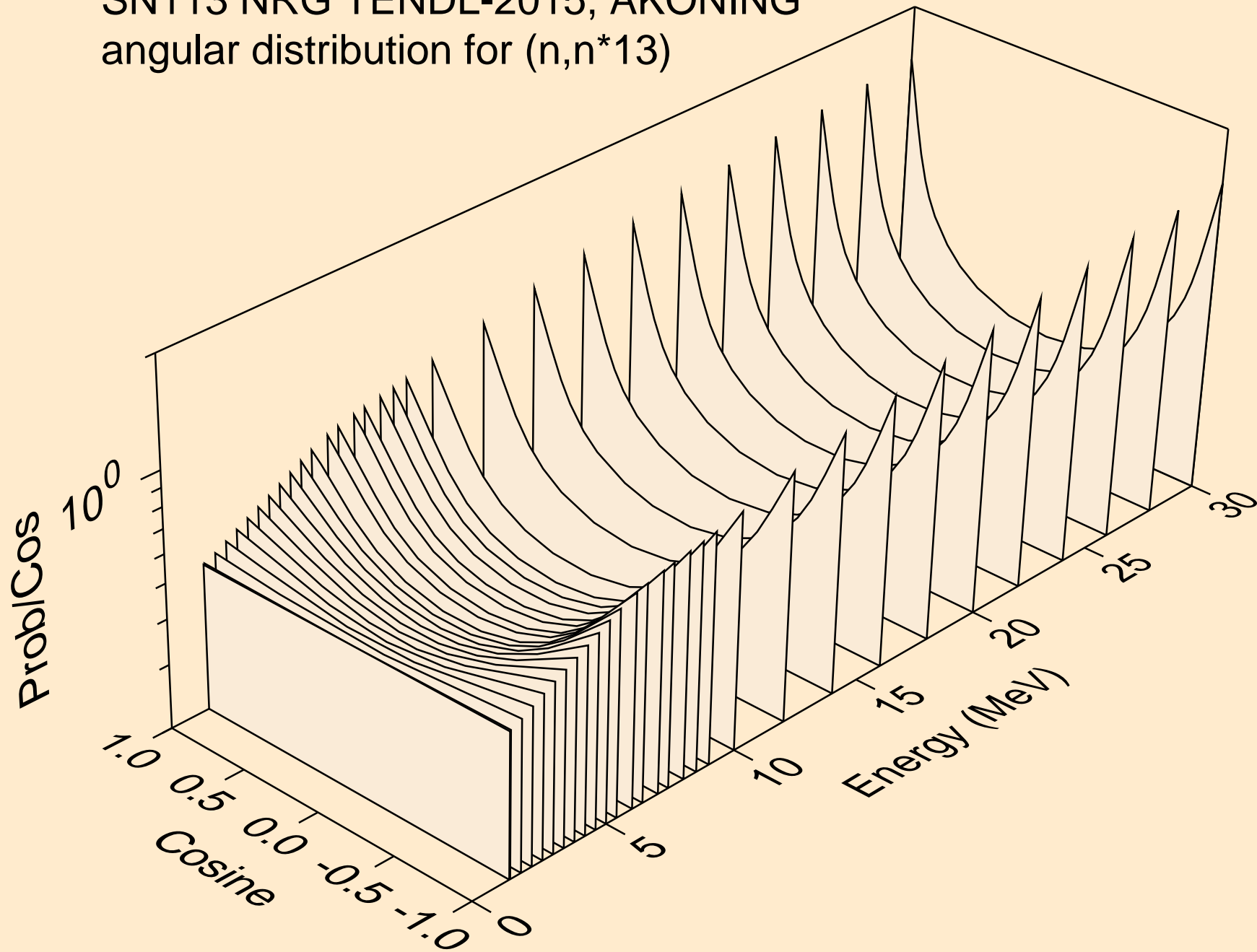
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

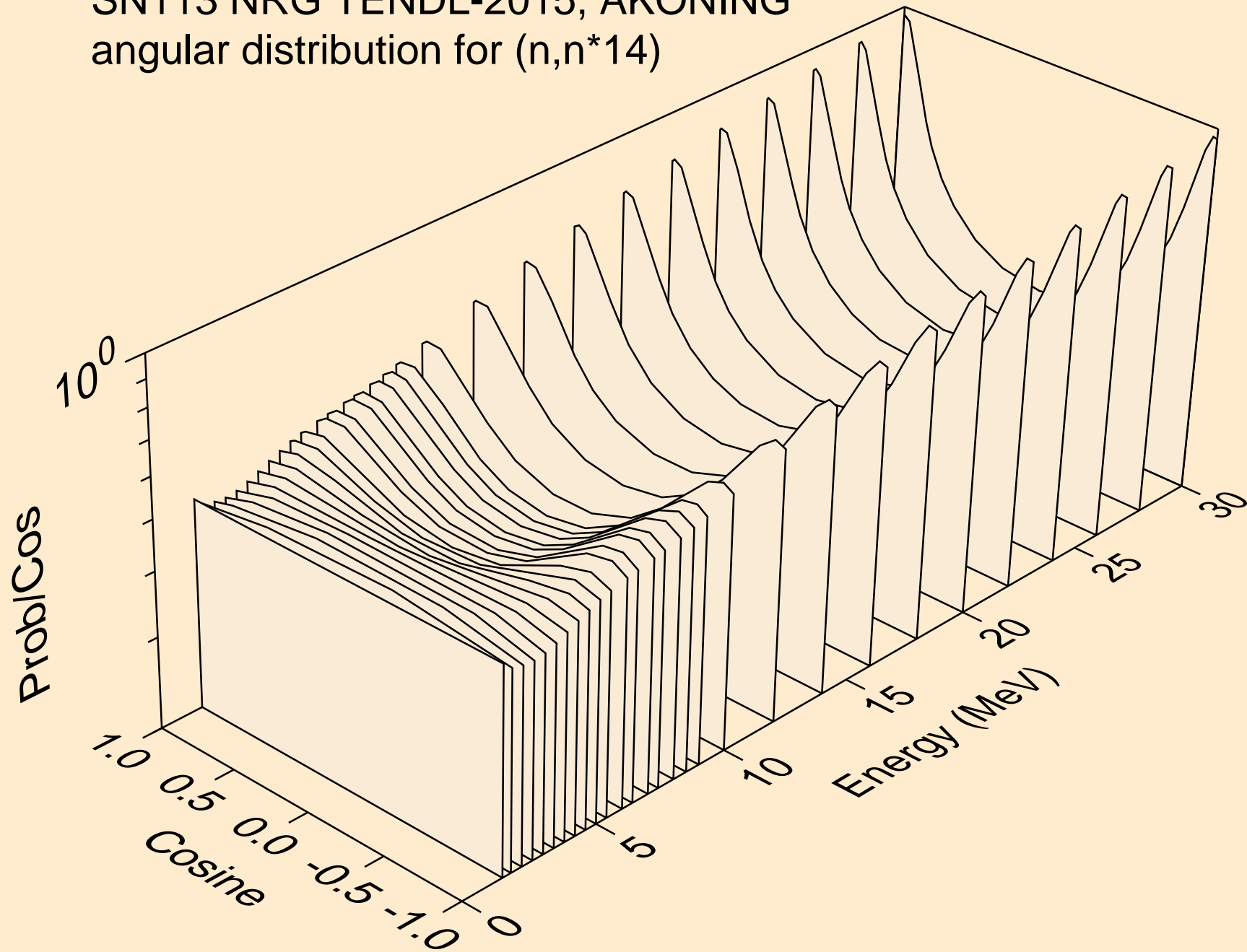


SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

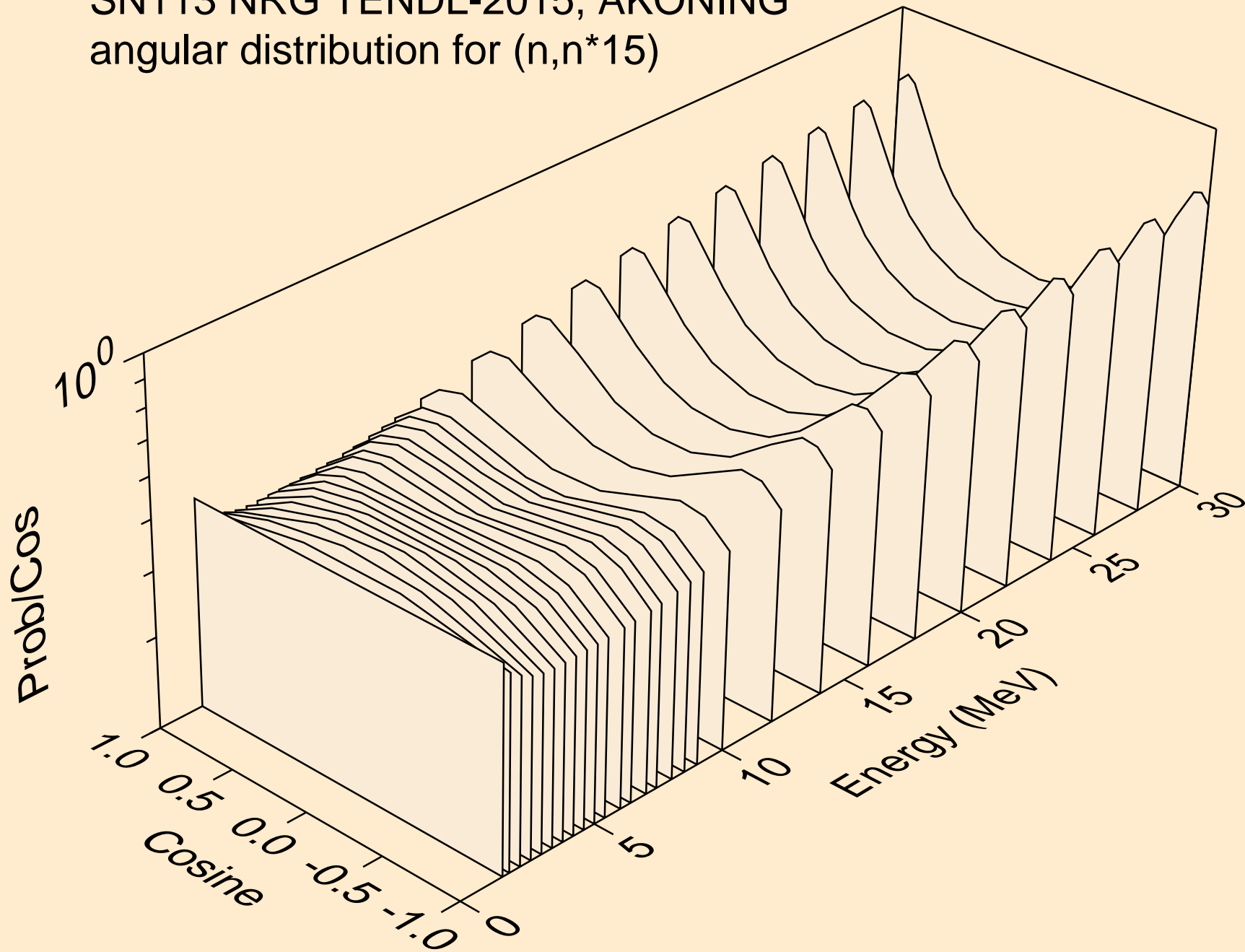




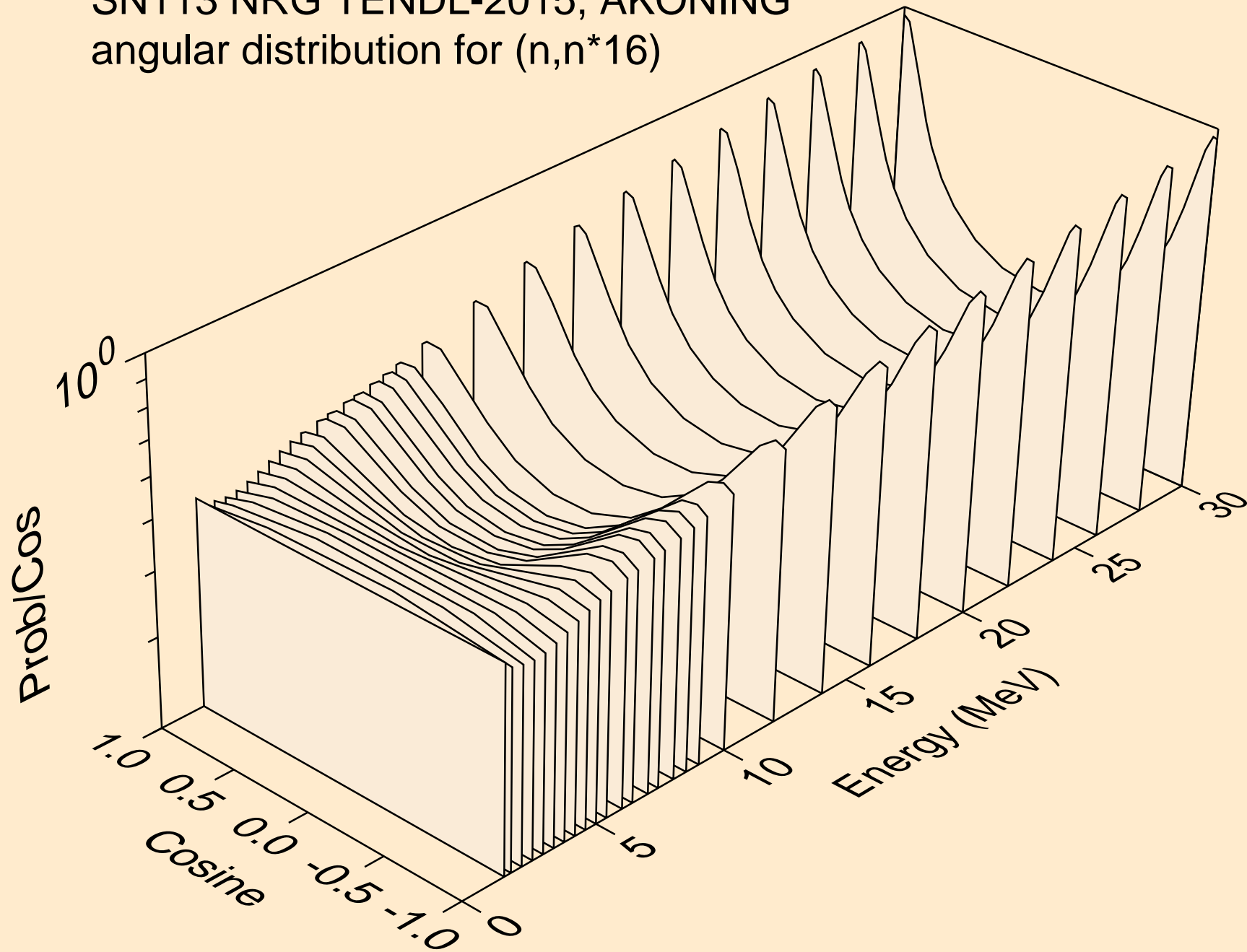
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



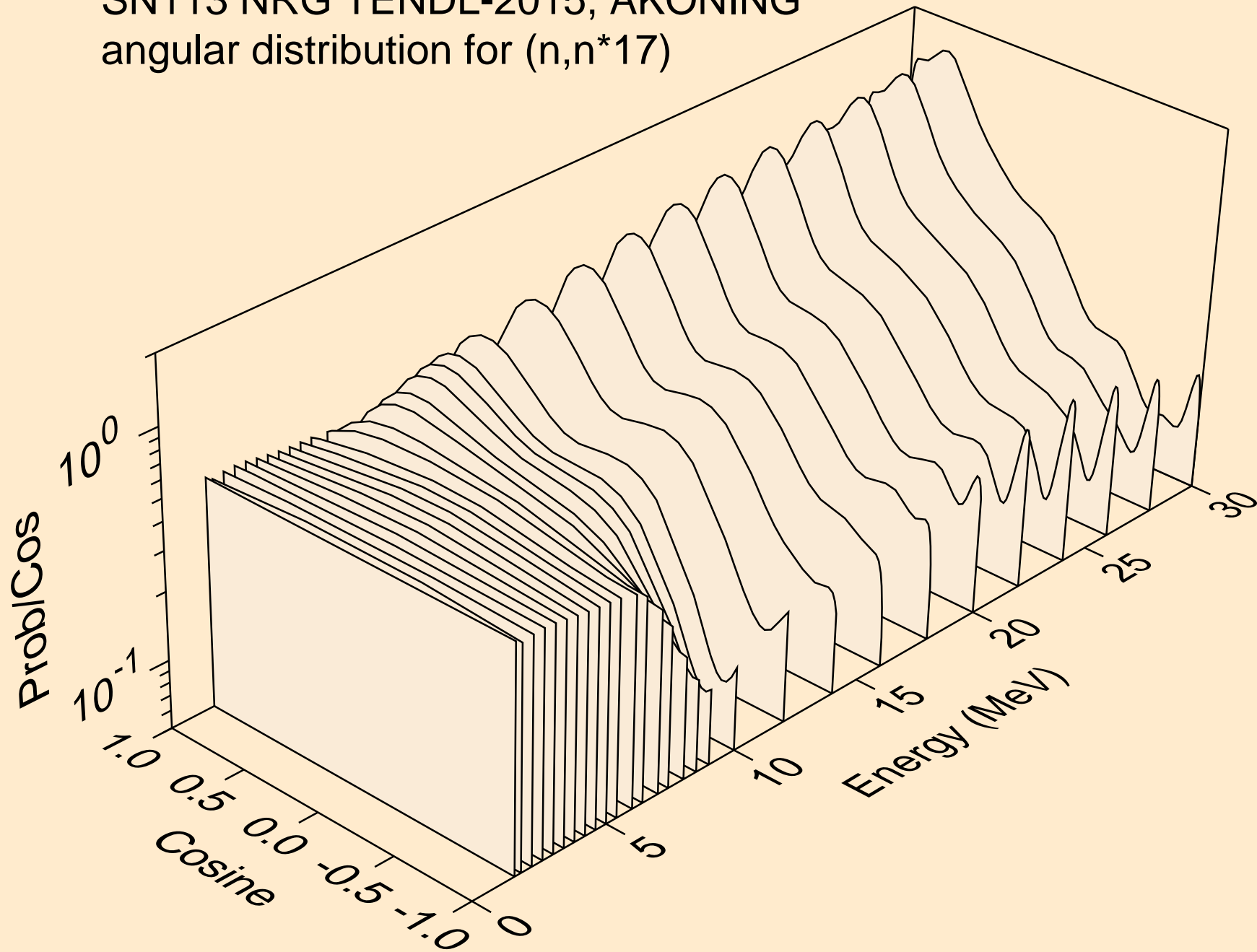
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



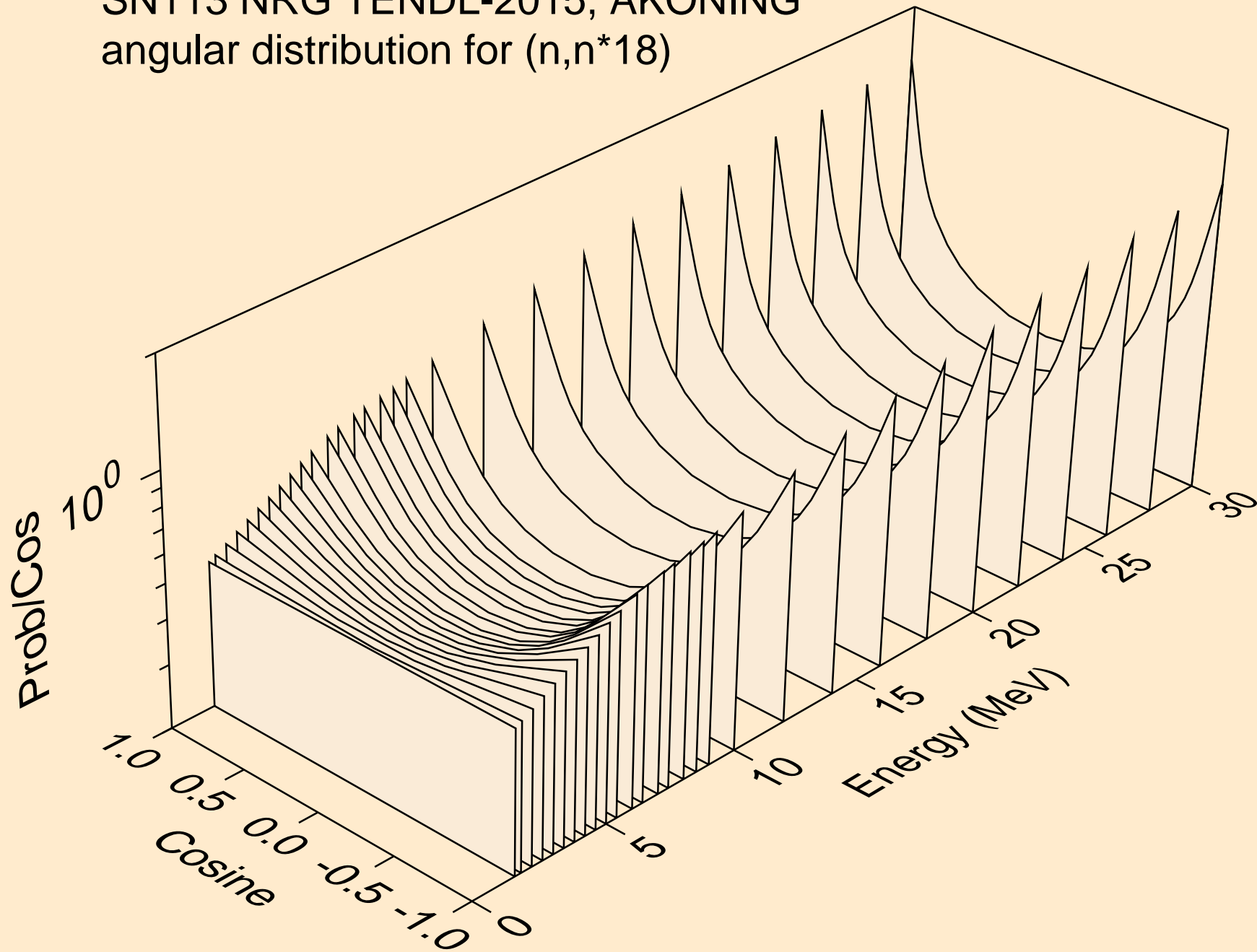
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



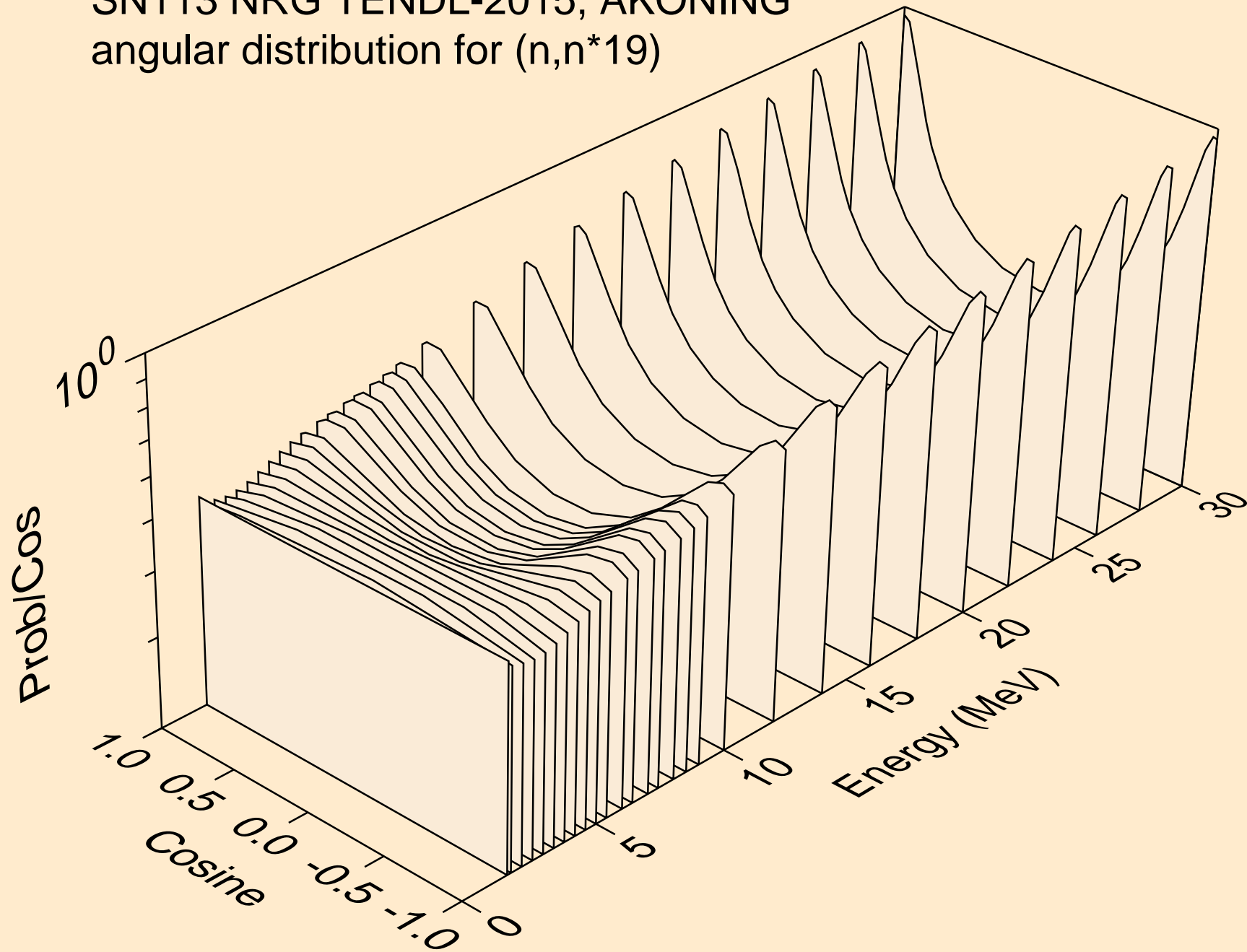
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



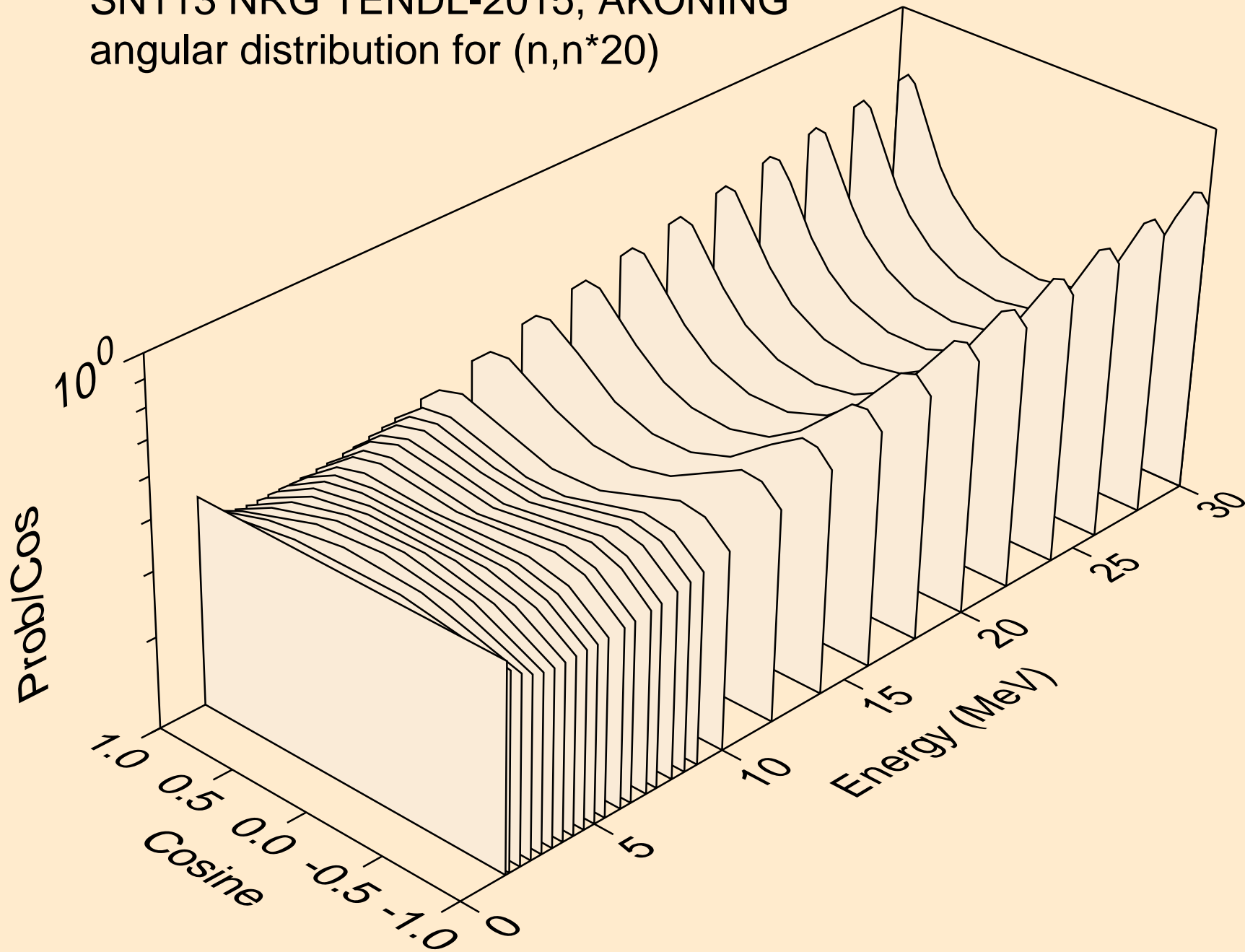
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



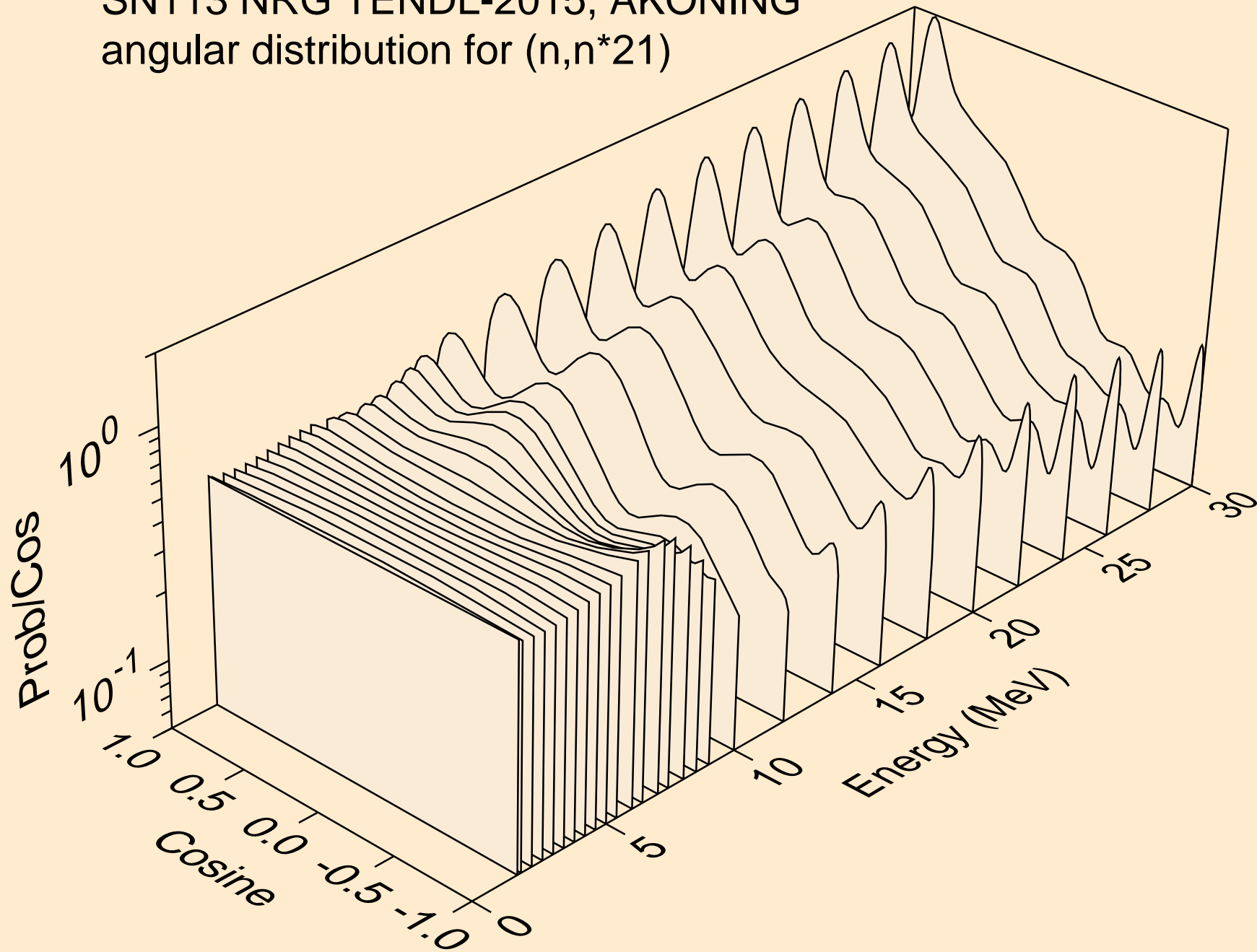
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

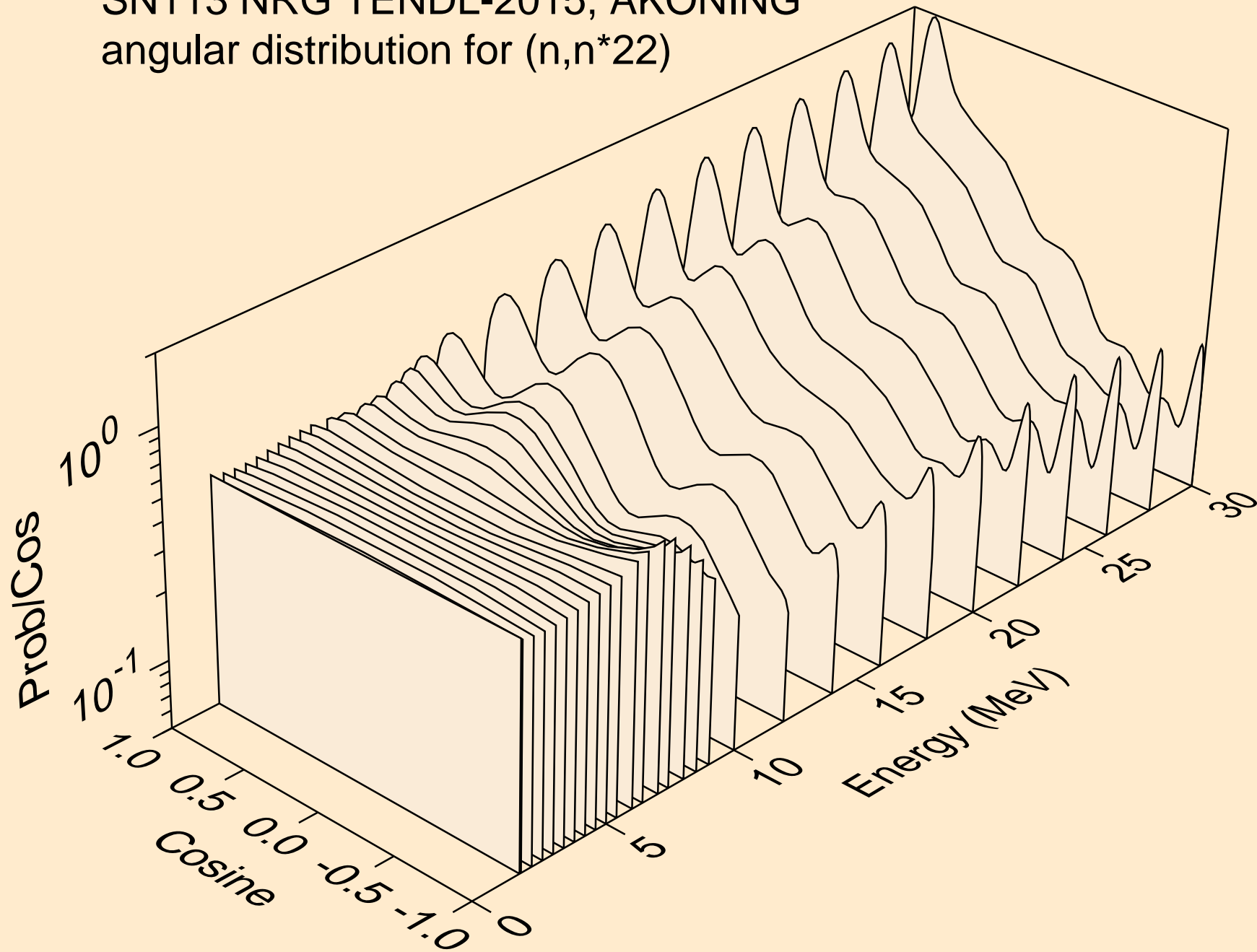


SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

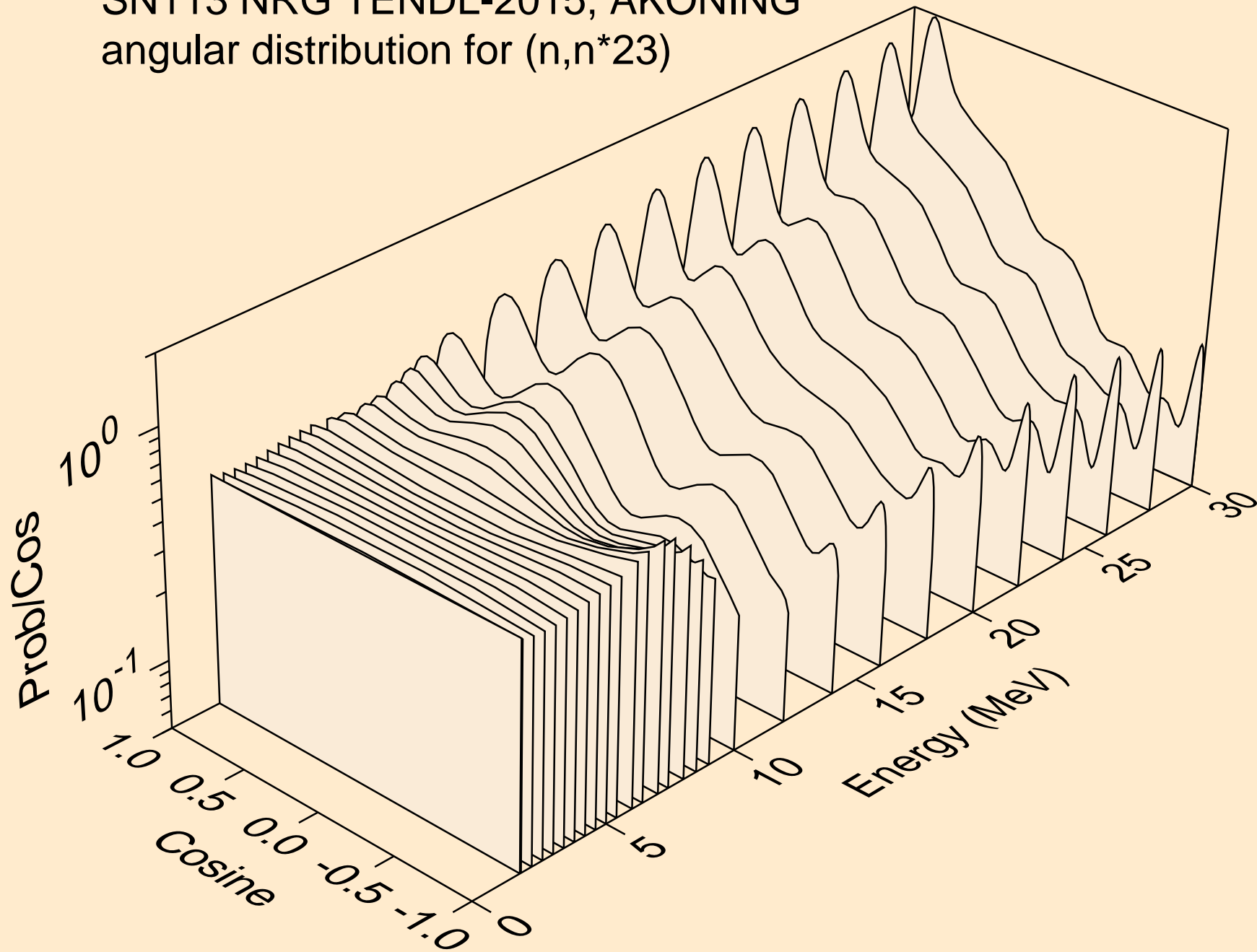




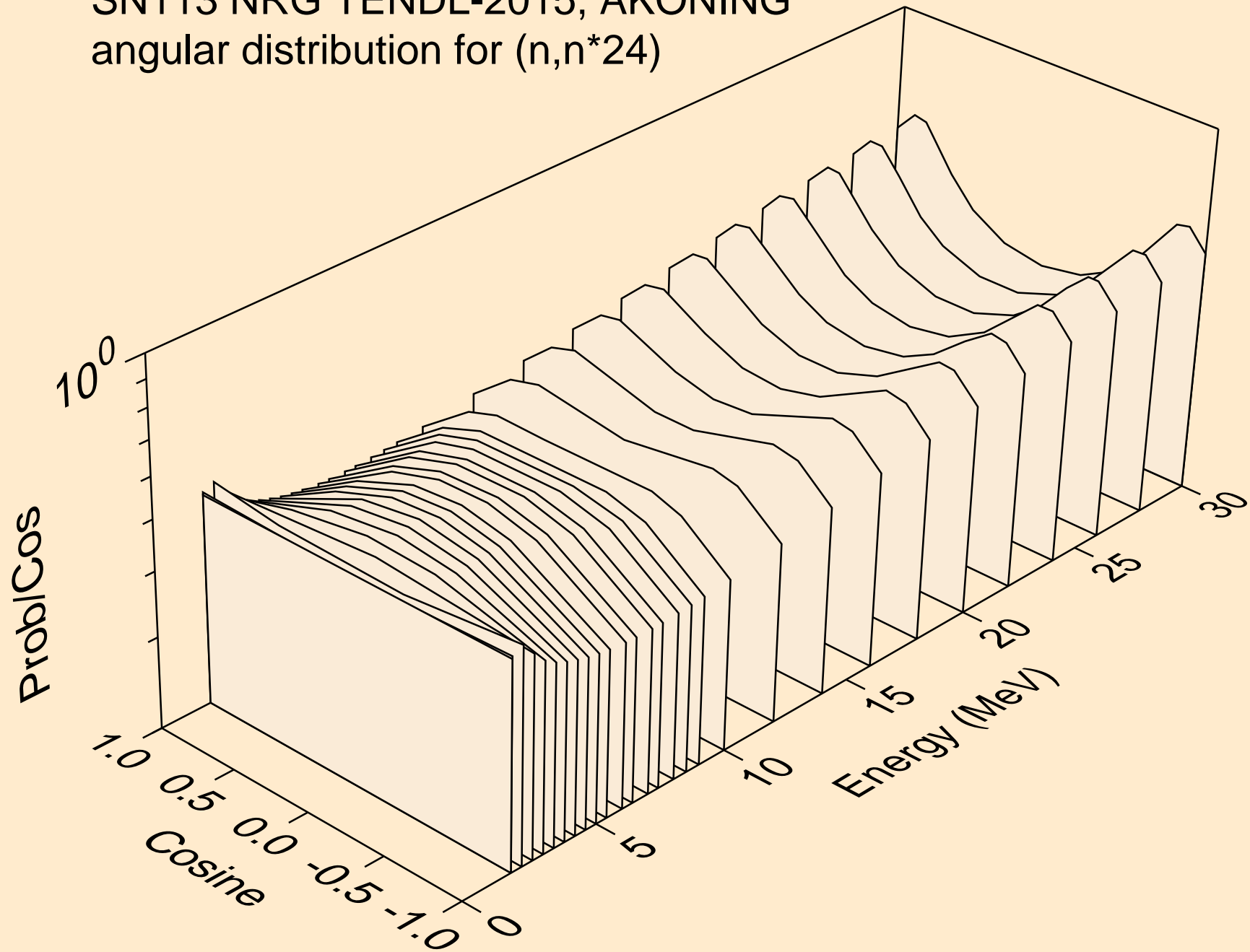
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angular distribution for (n,n\*22)



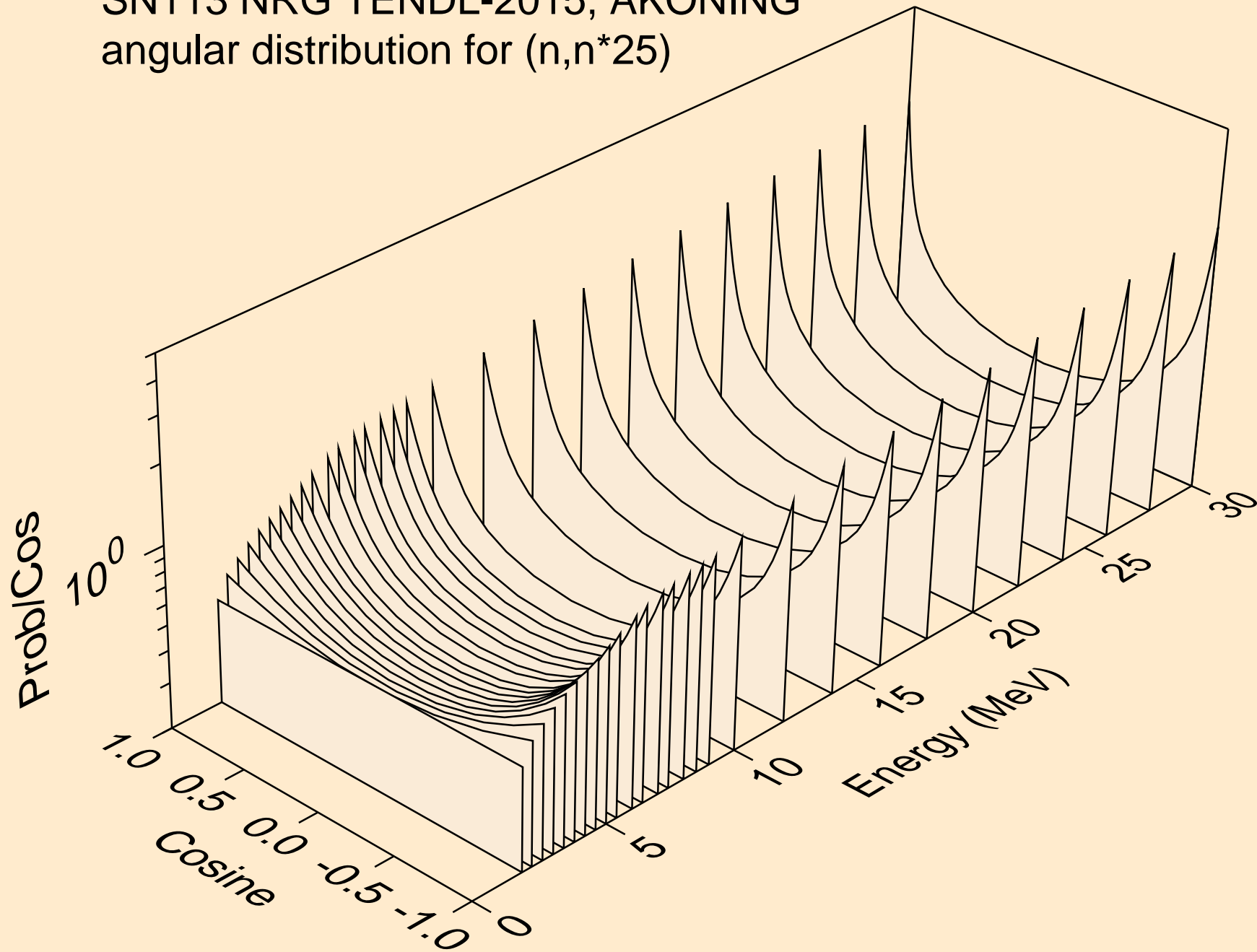
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angular distribution for (n,n\*23)



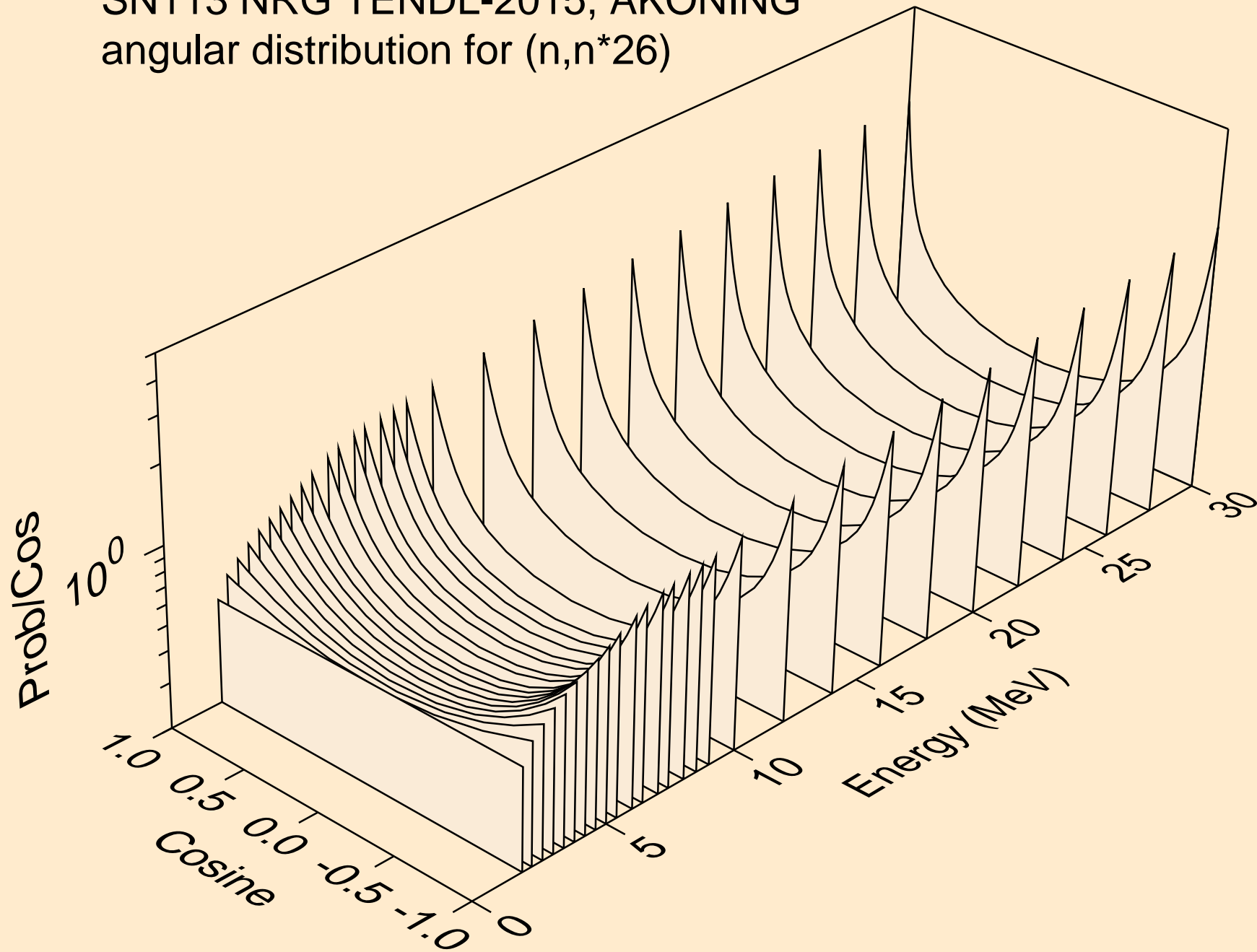
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



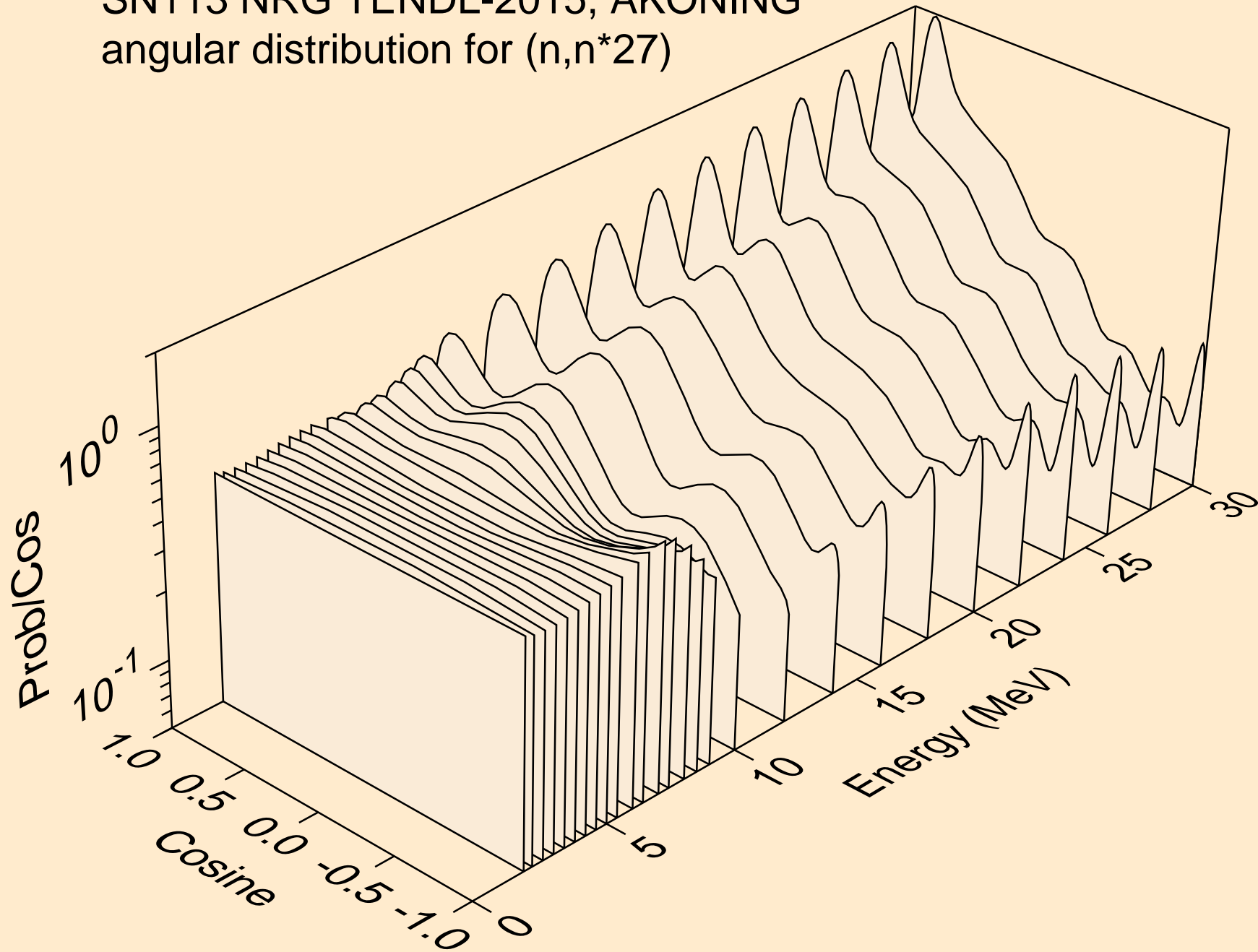
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



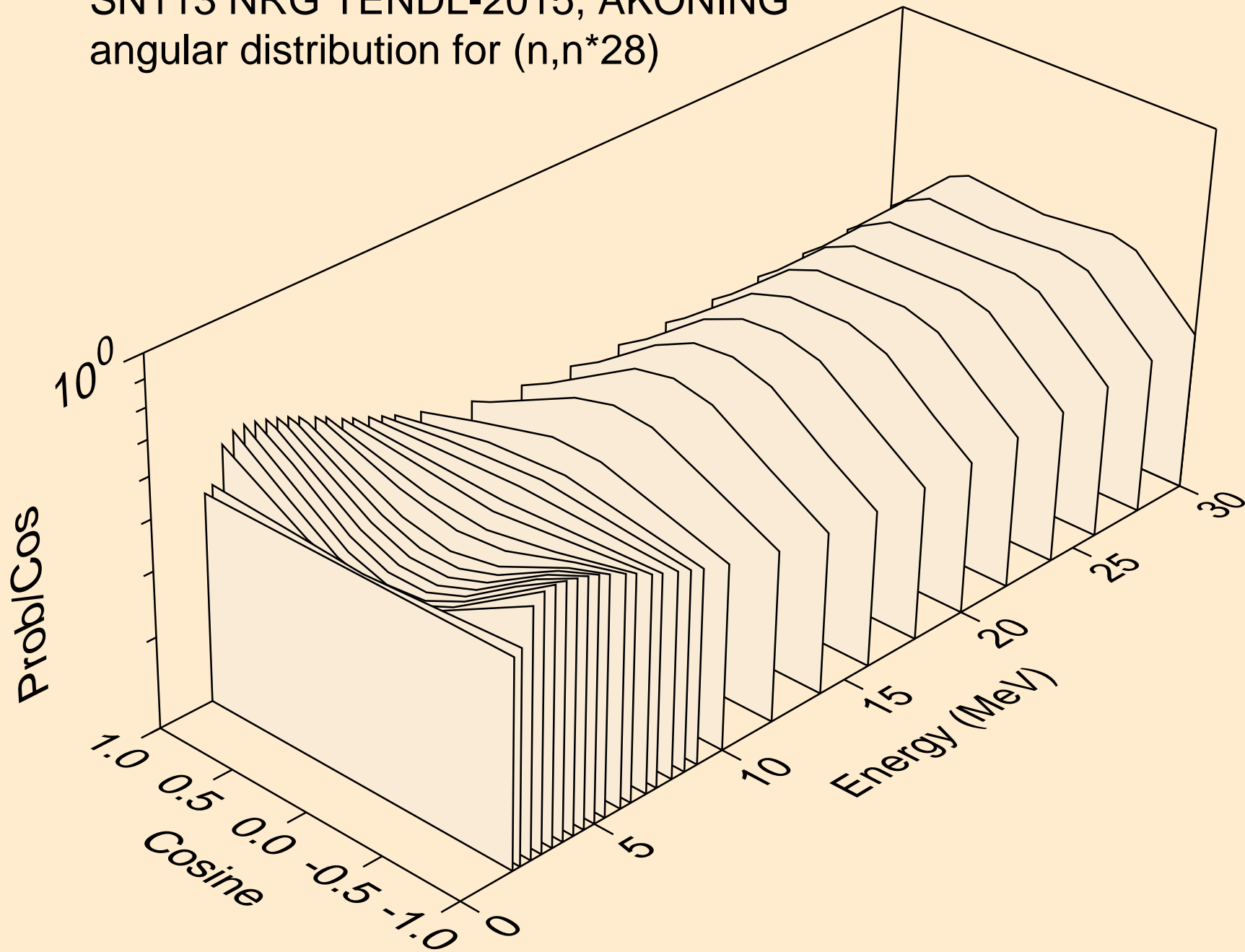
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angular distribution for (n,n\*26)



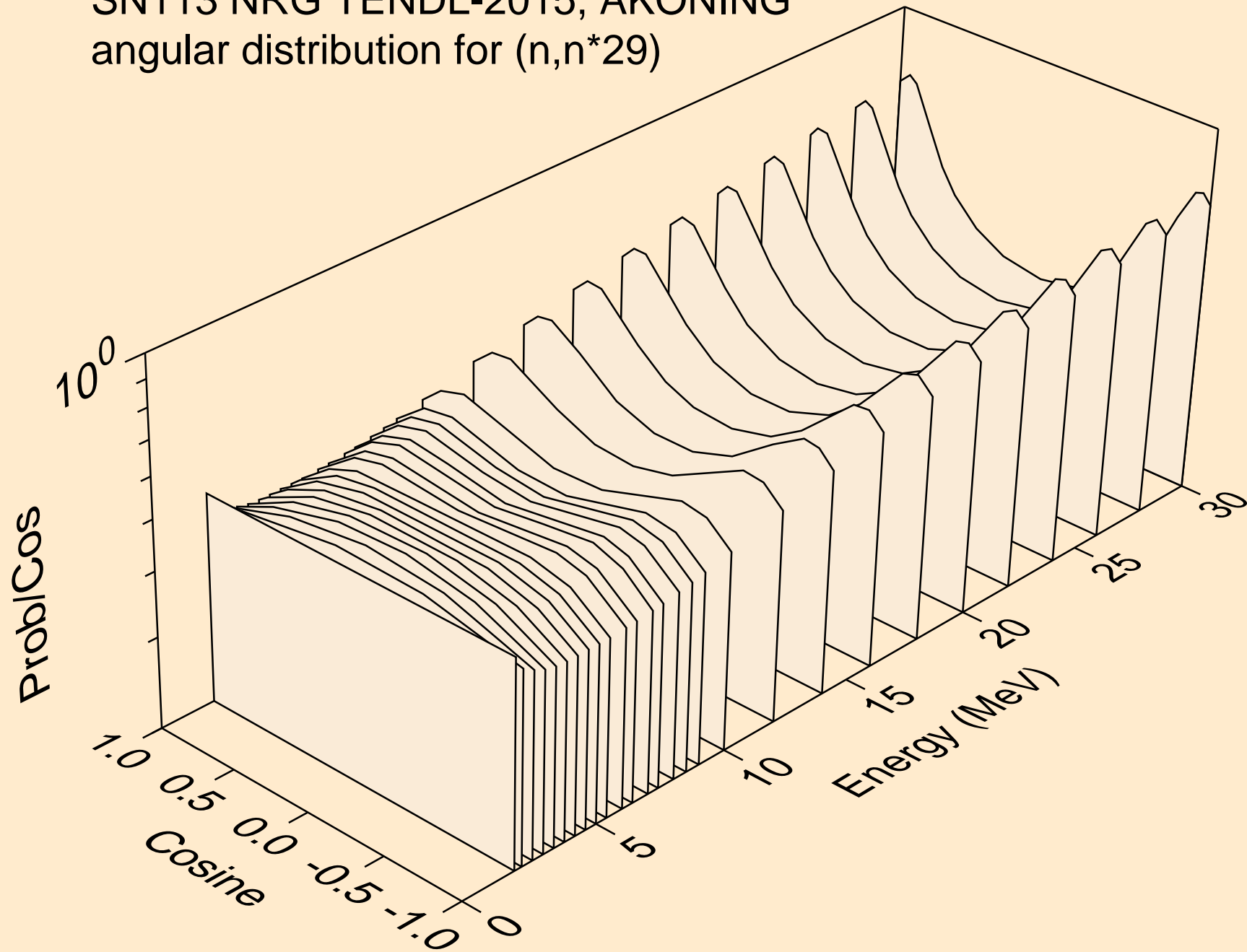
SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

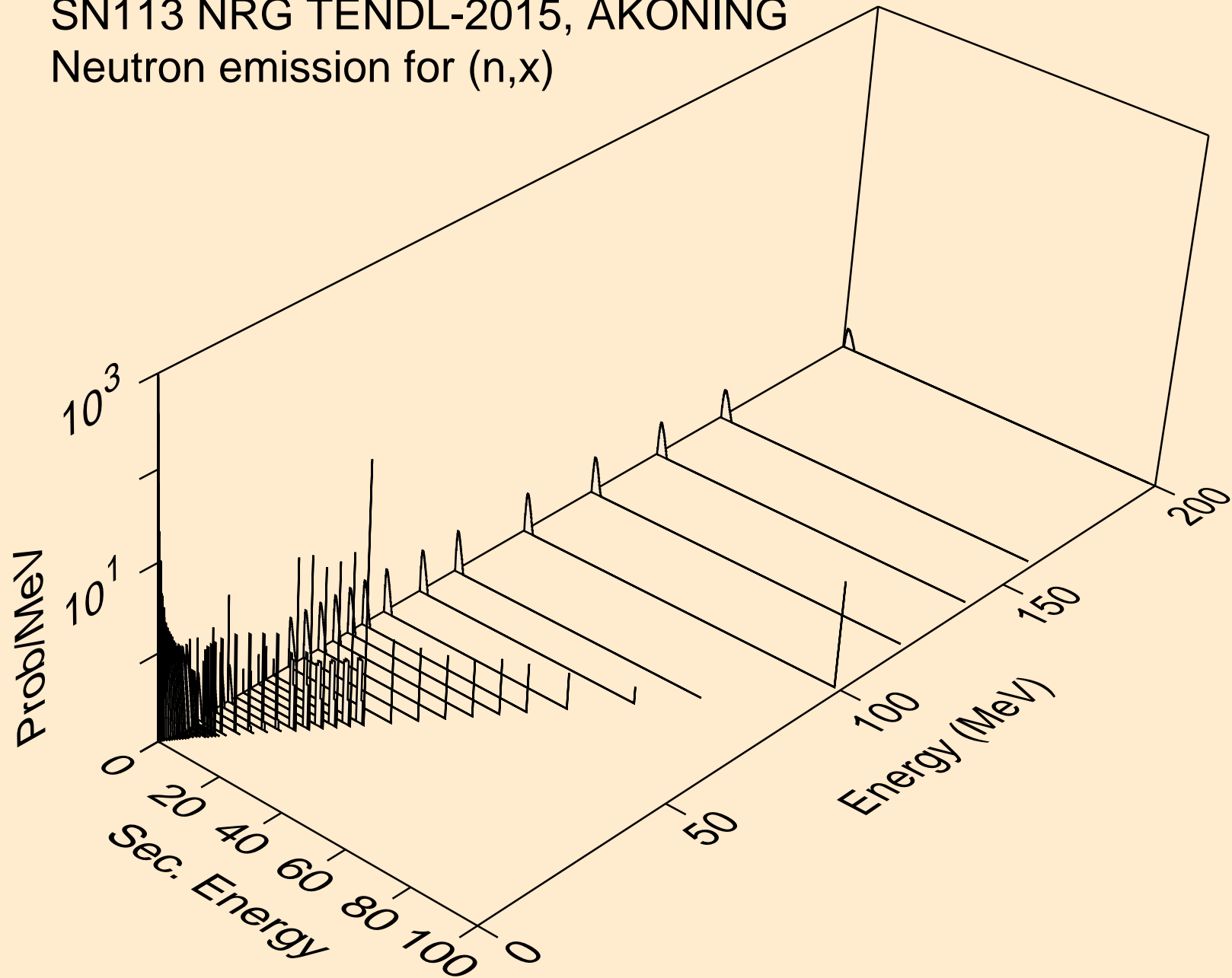


SN113 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

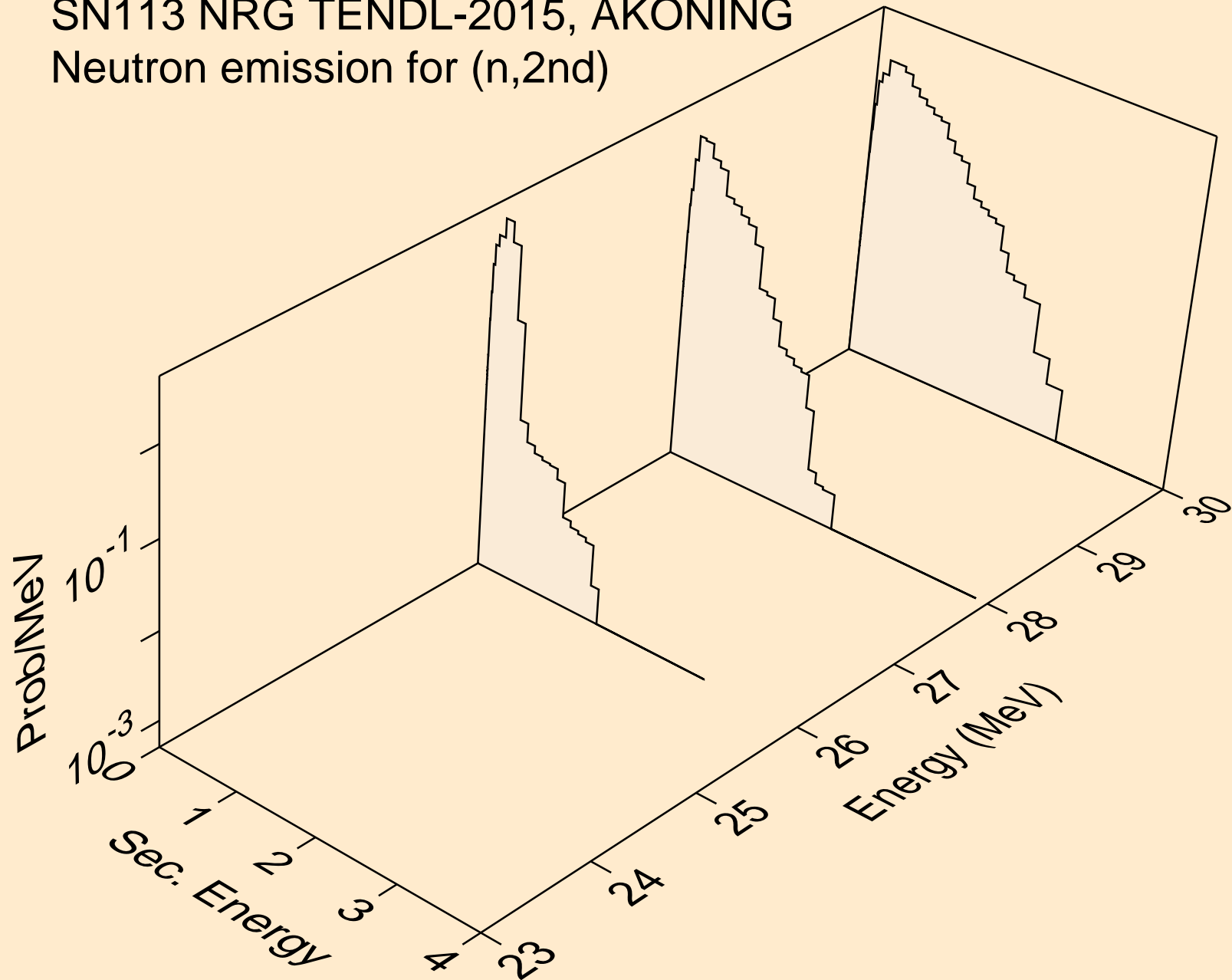




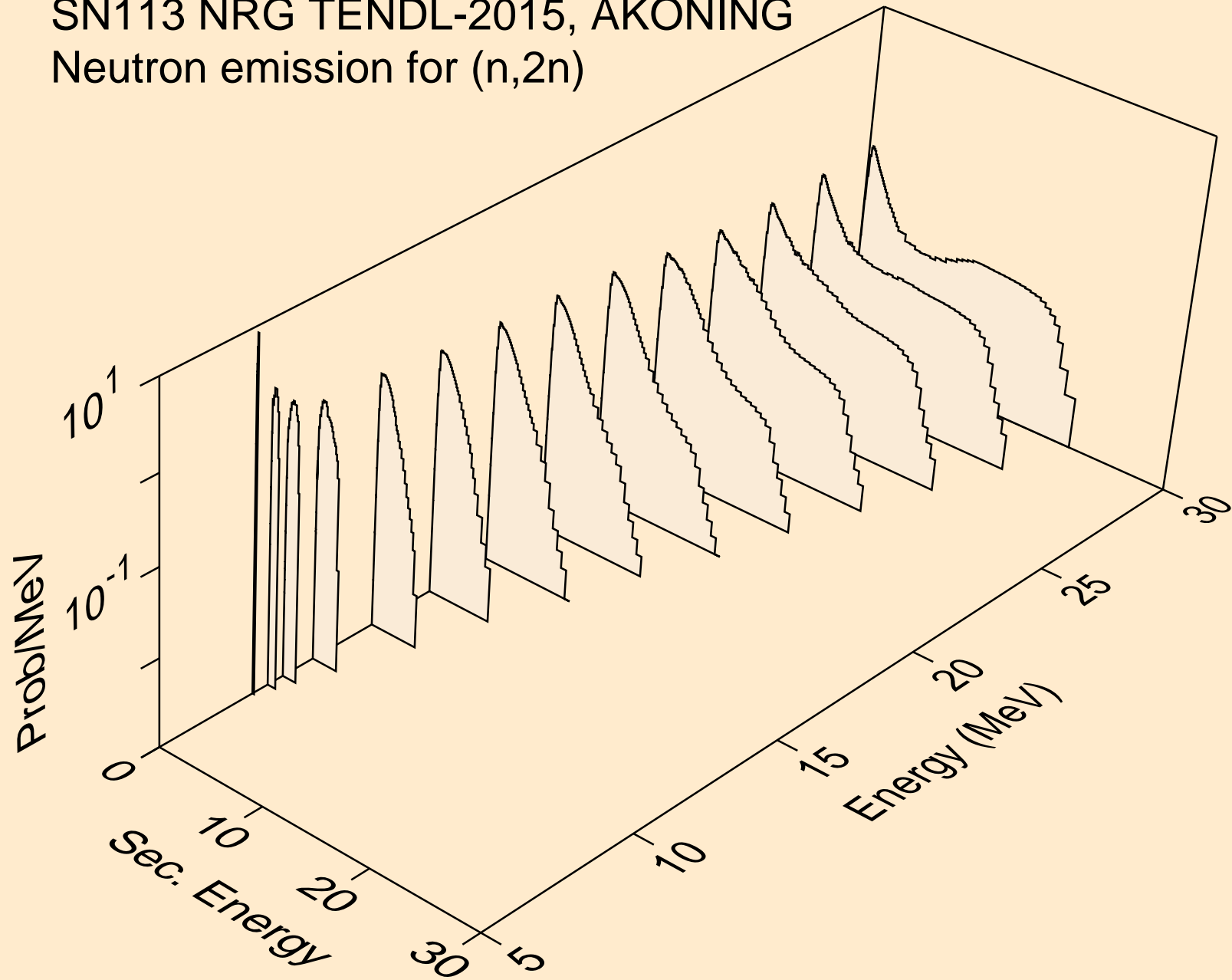
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



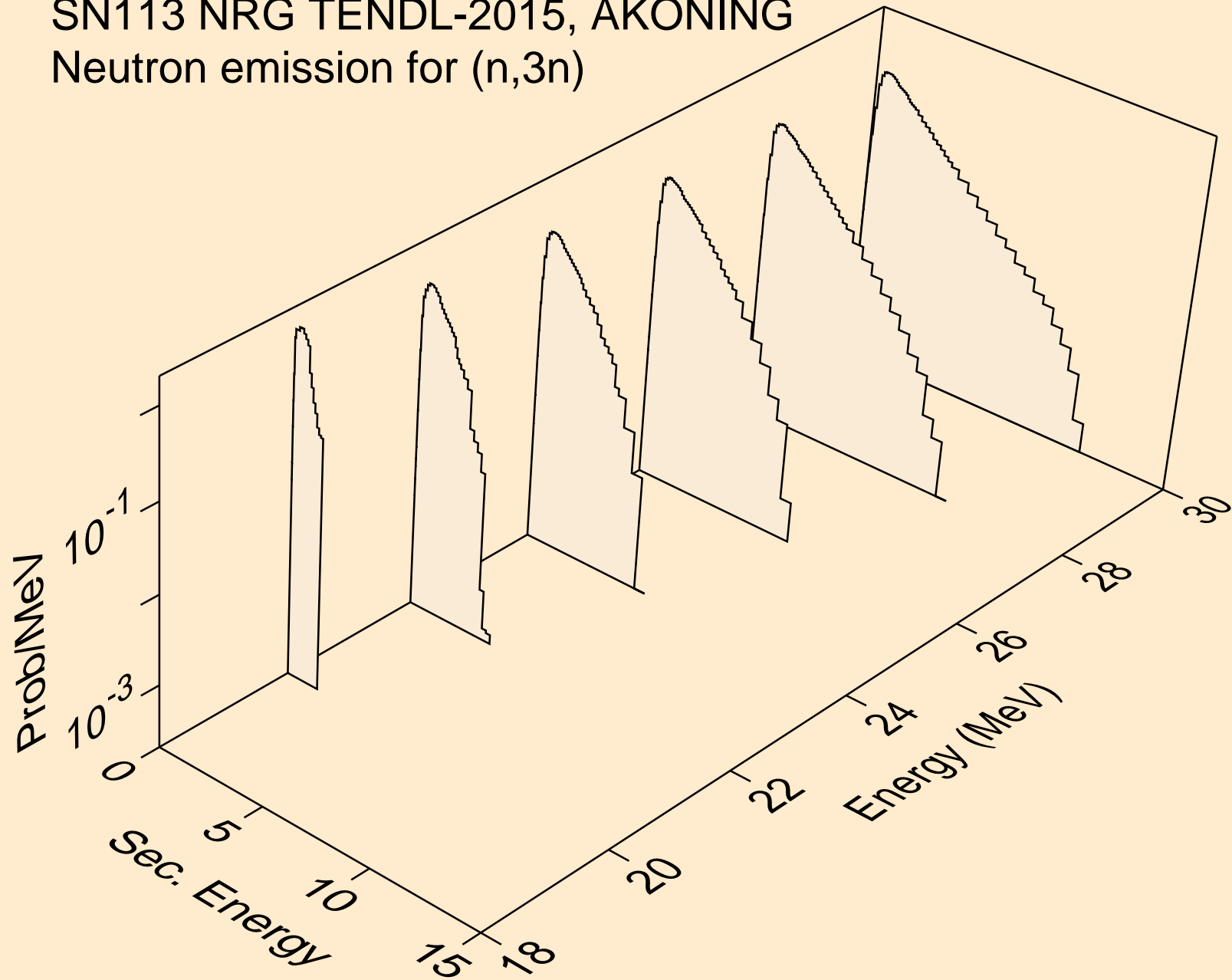
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



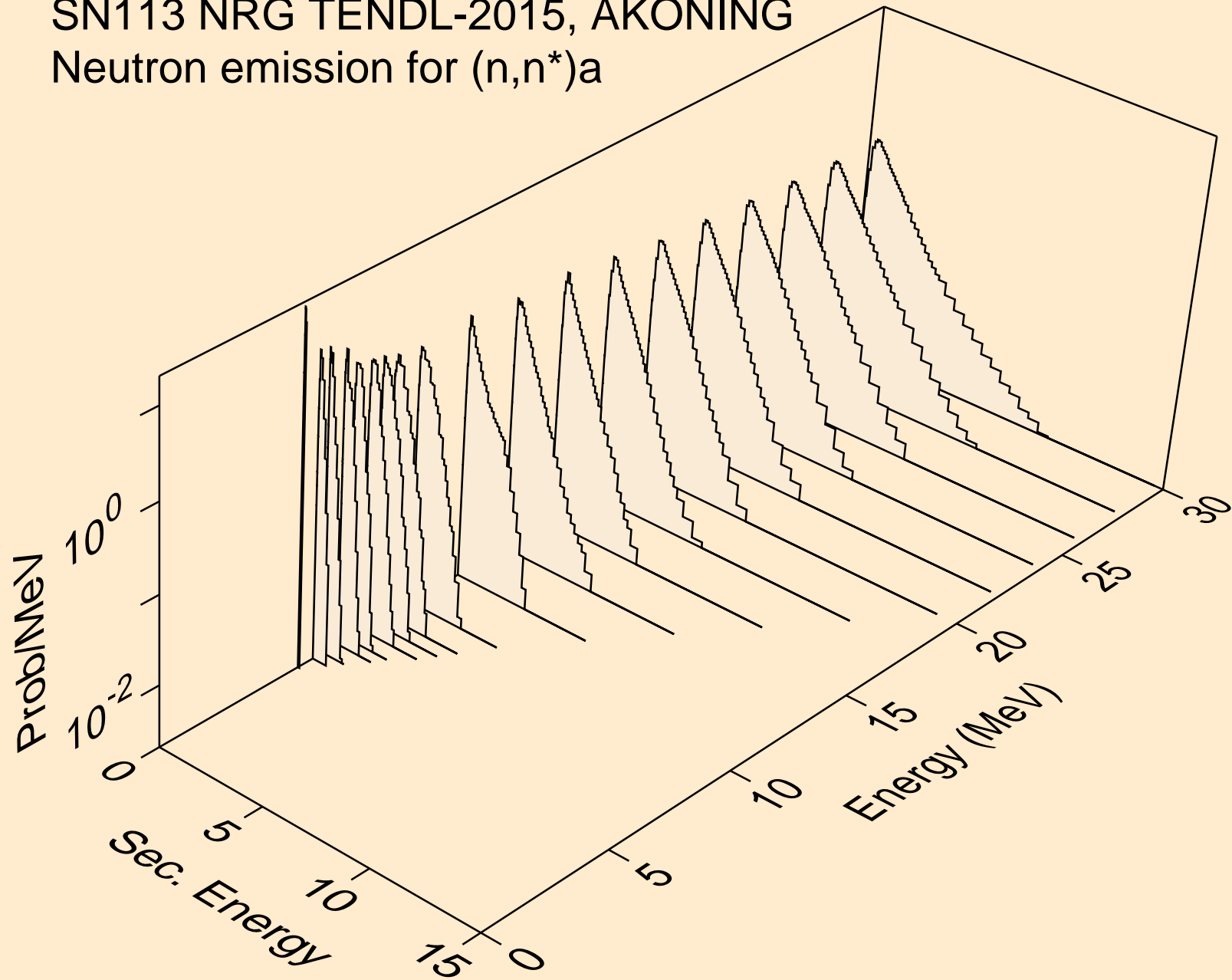
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



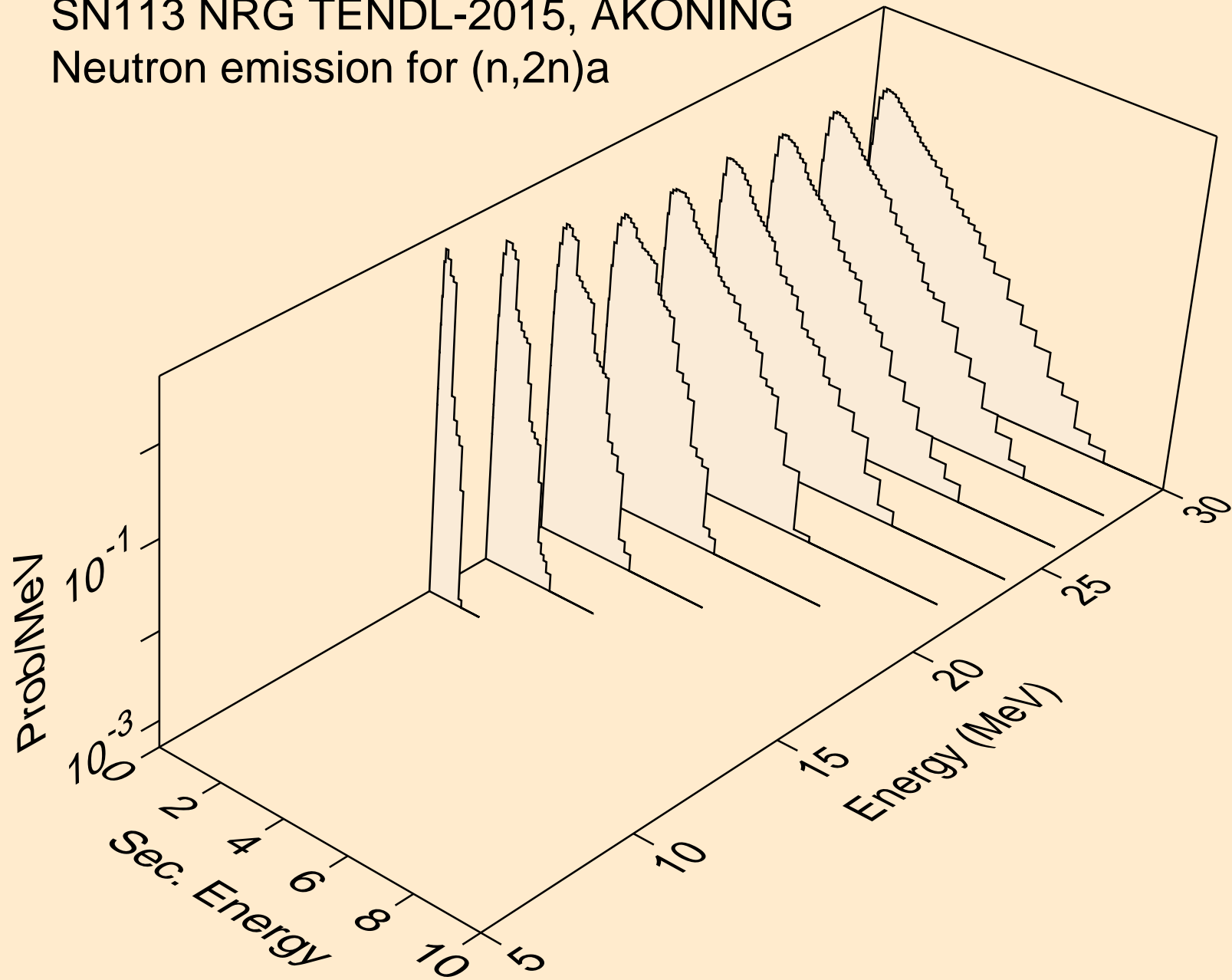
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



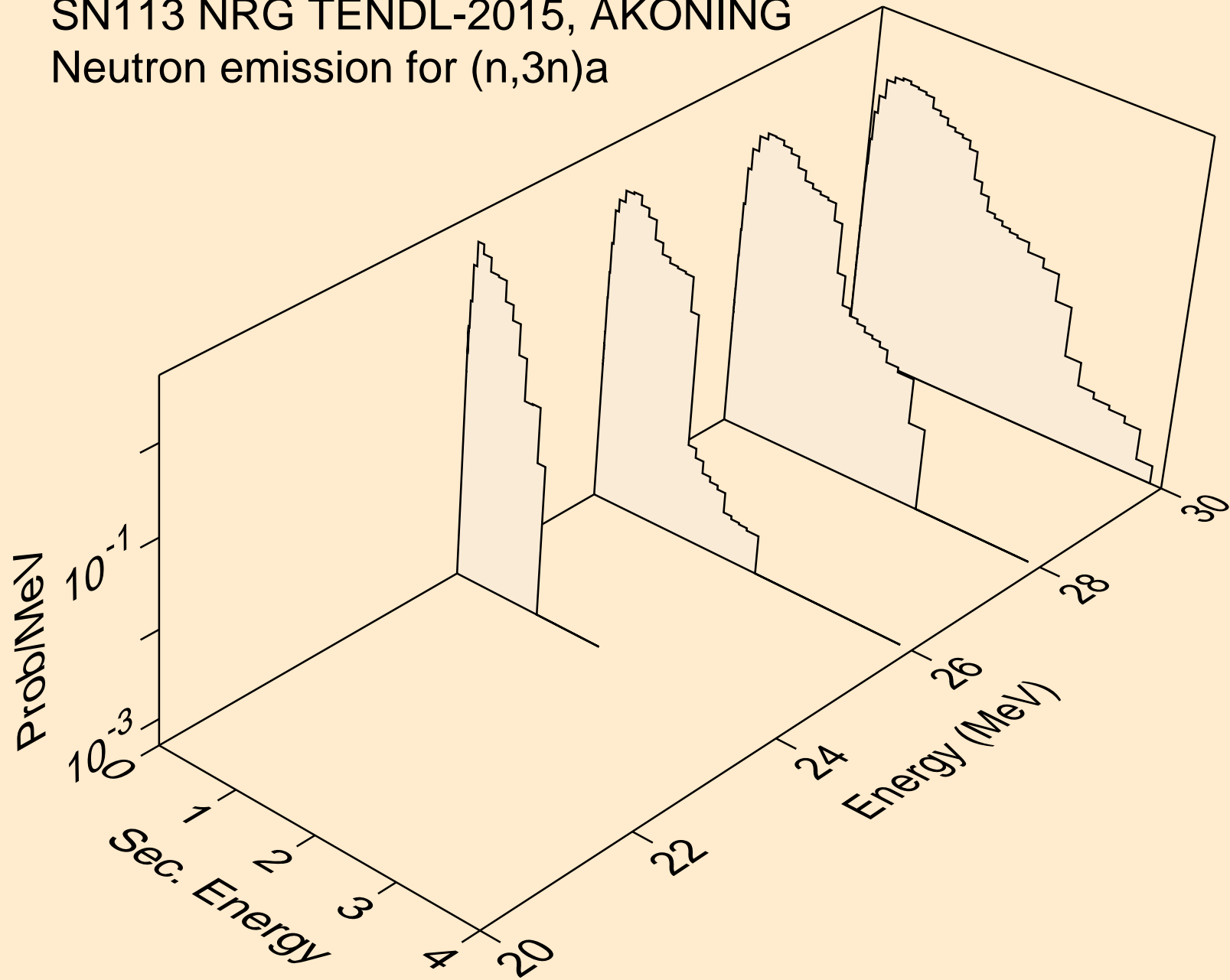
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



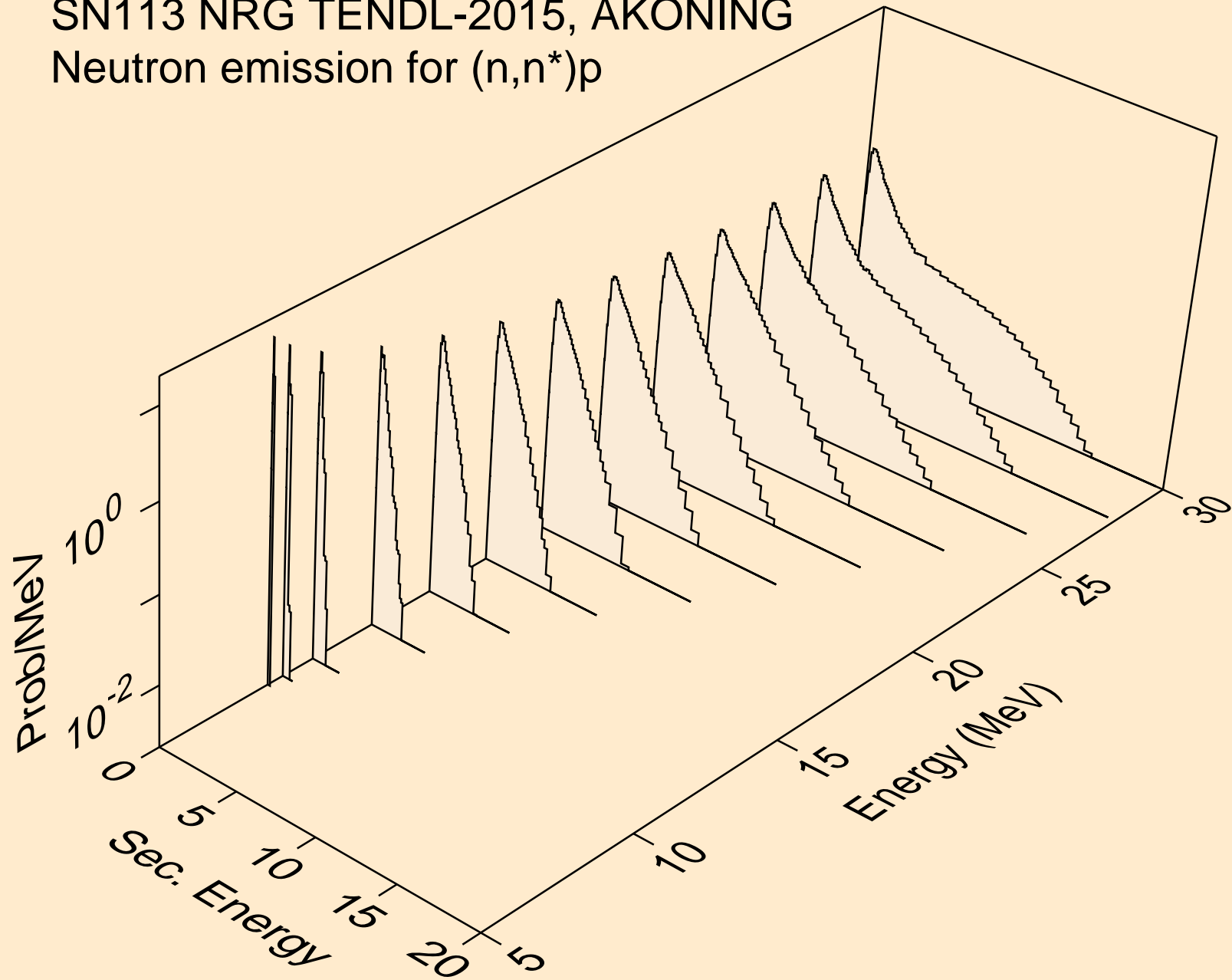
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

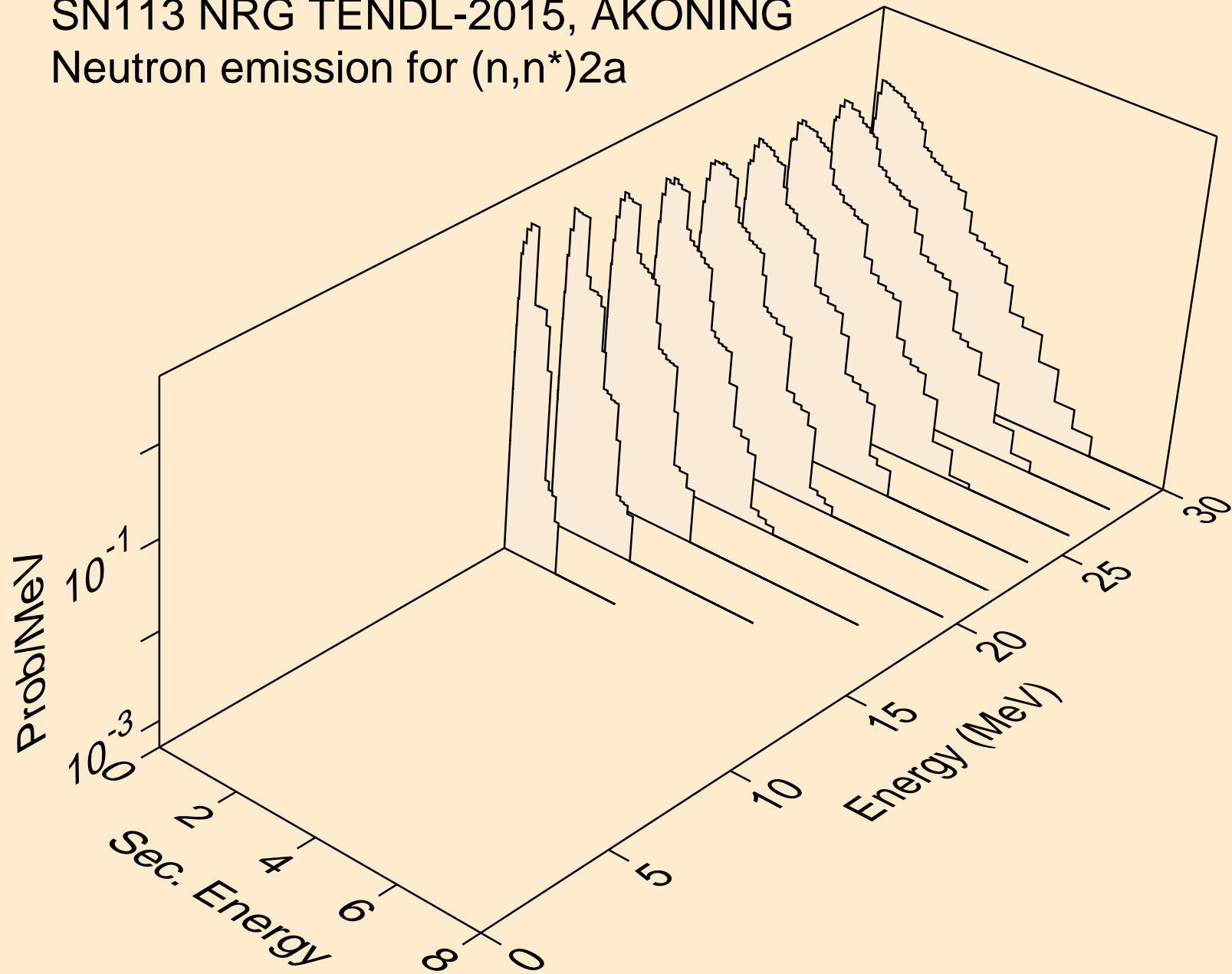


SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p

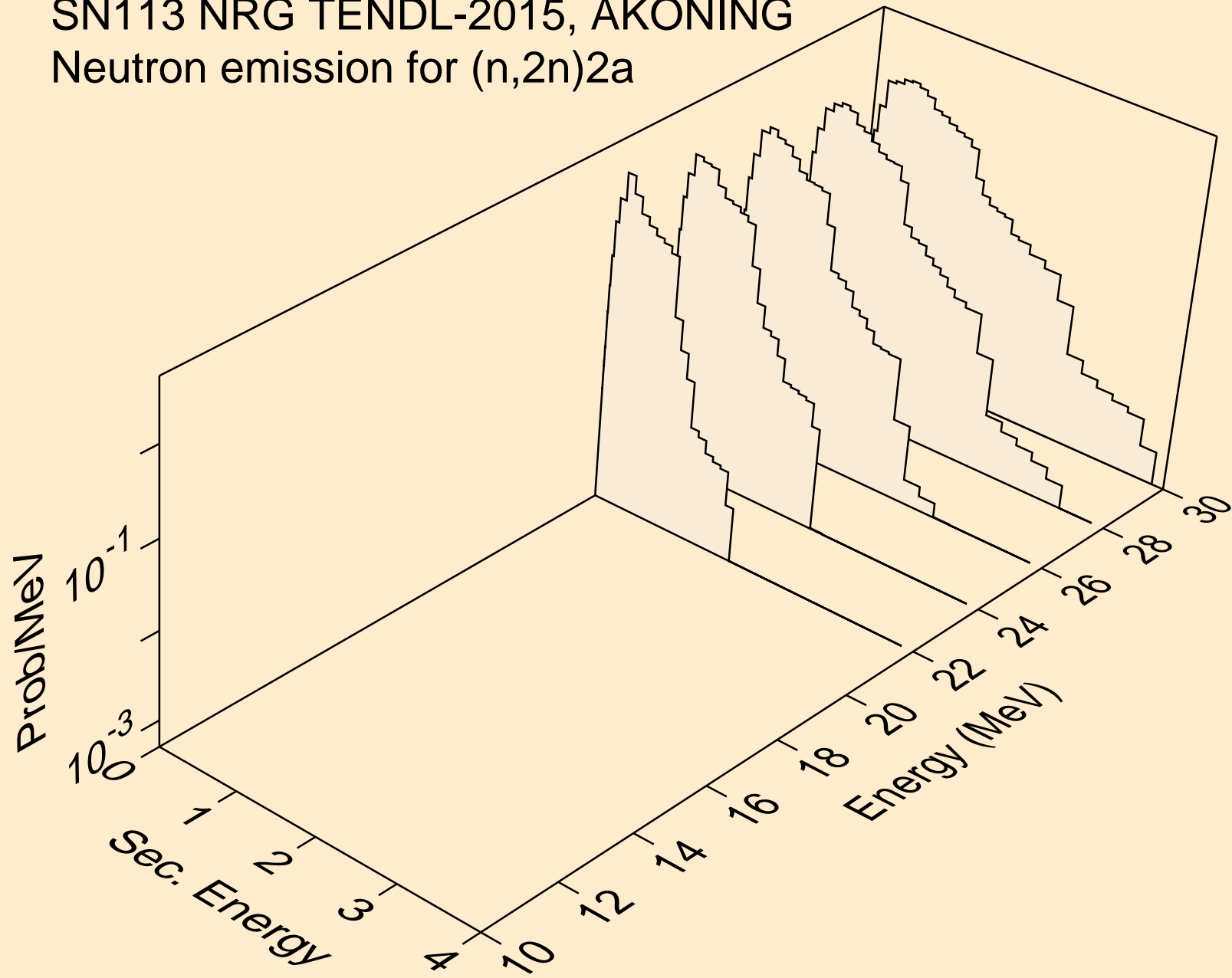




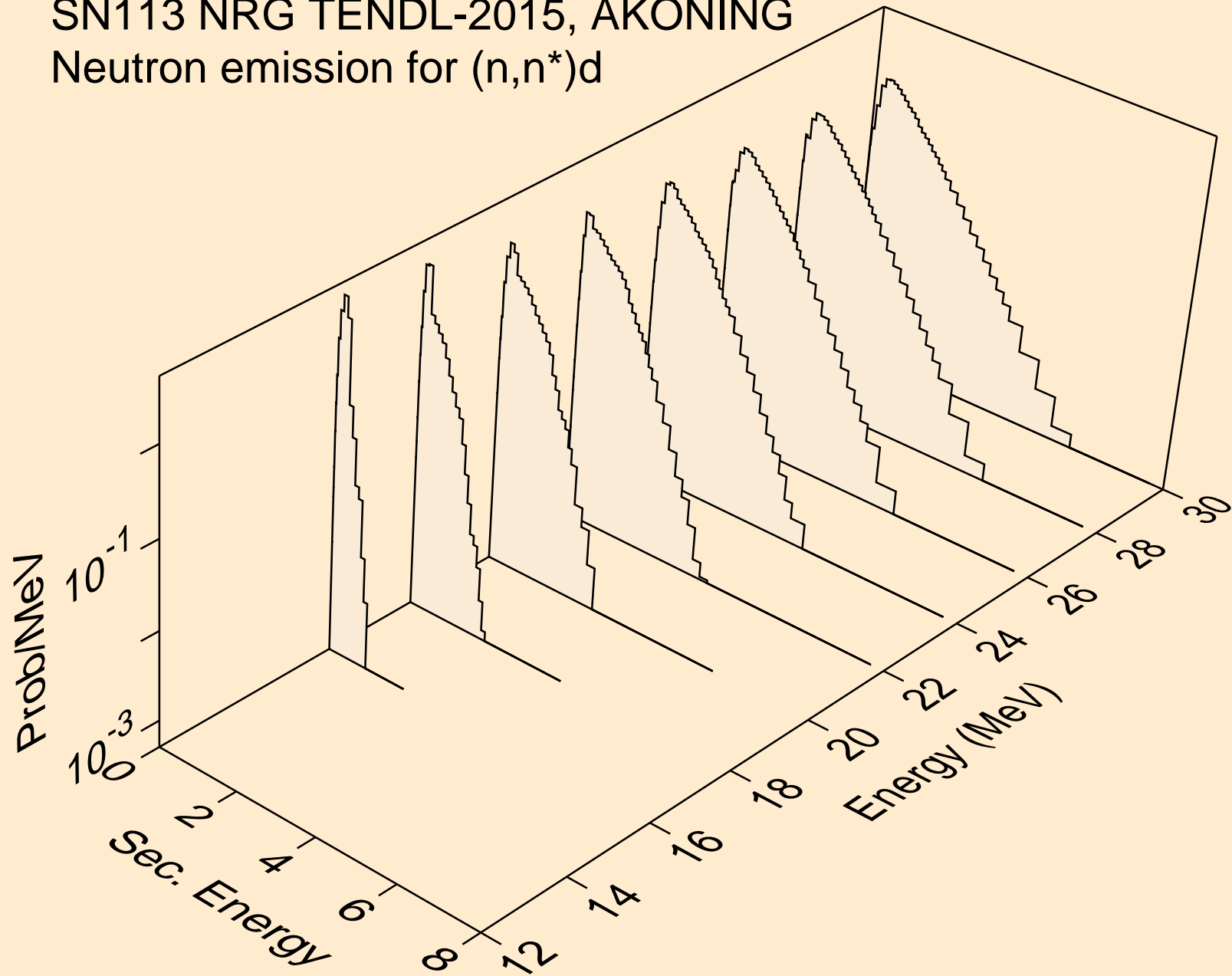
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)2a



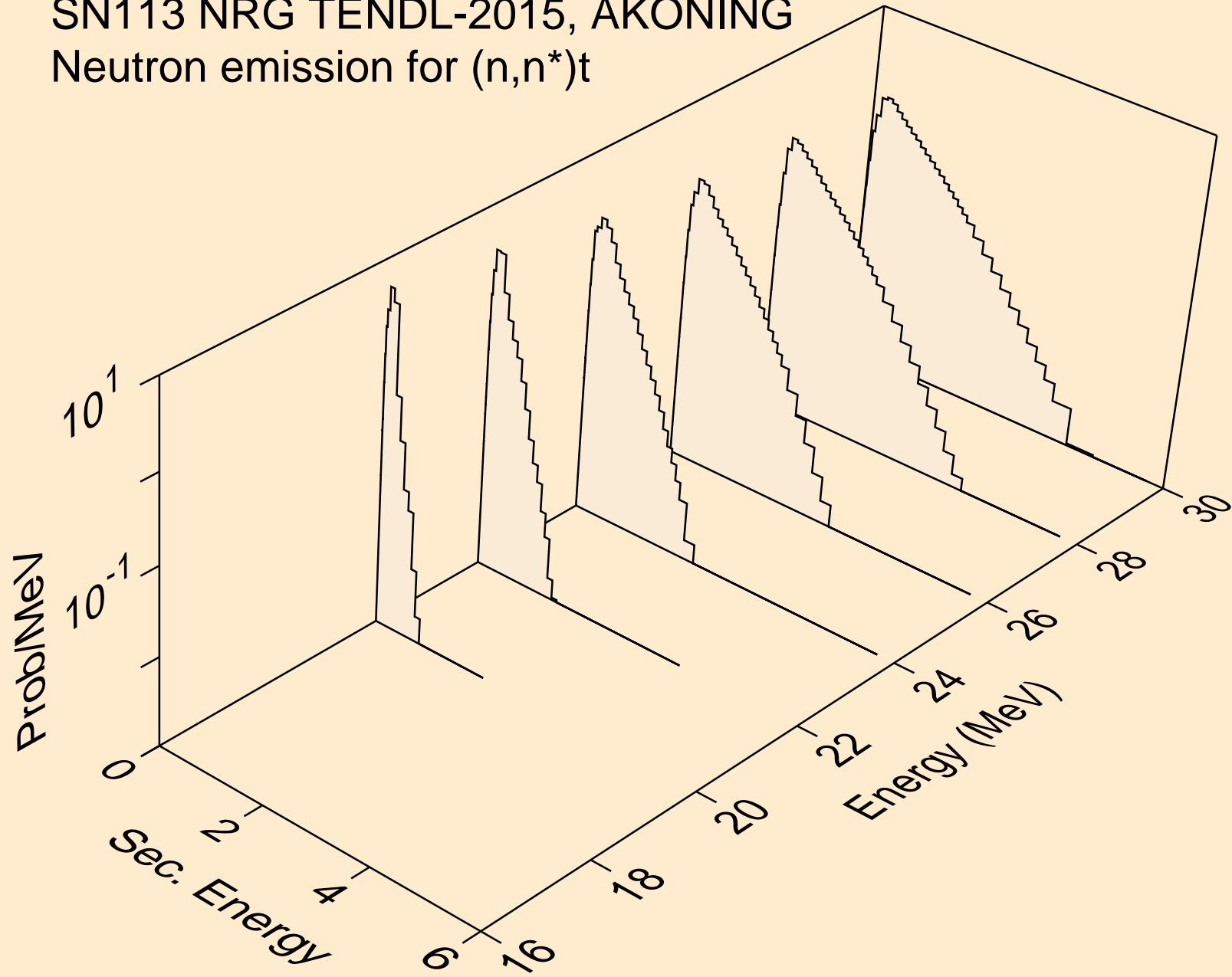
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)2a



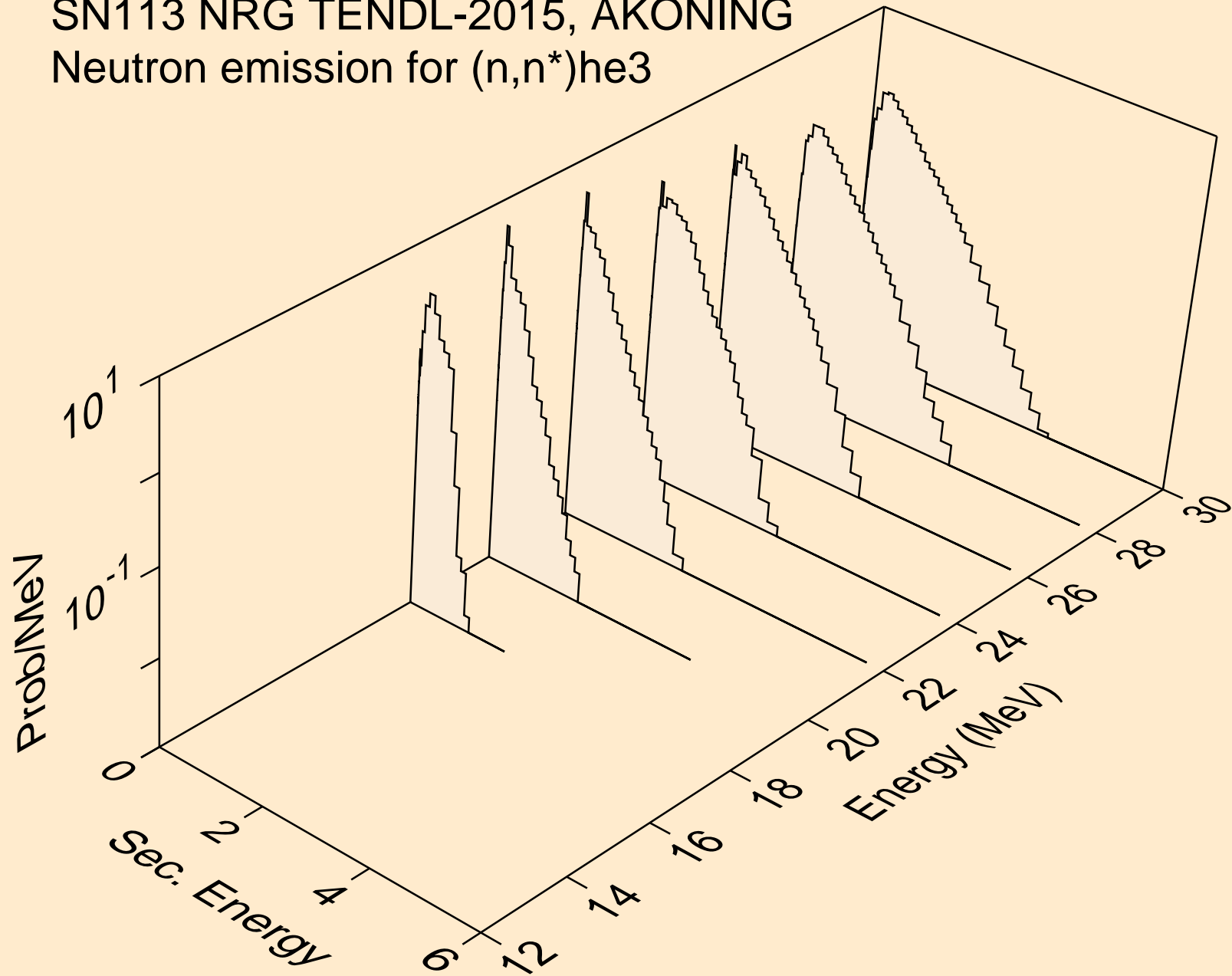
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



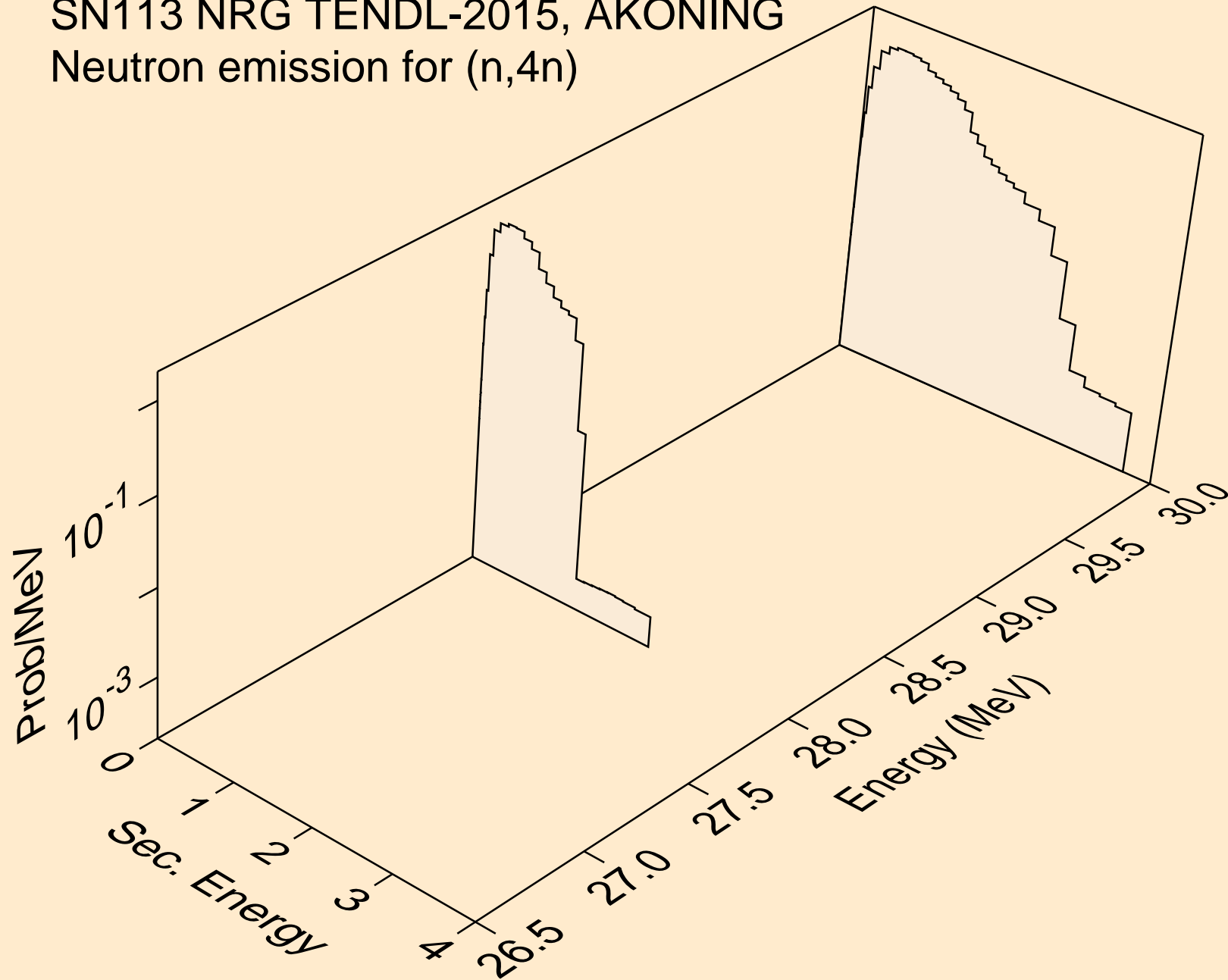
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



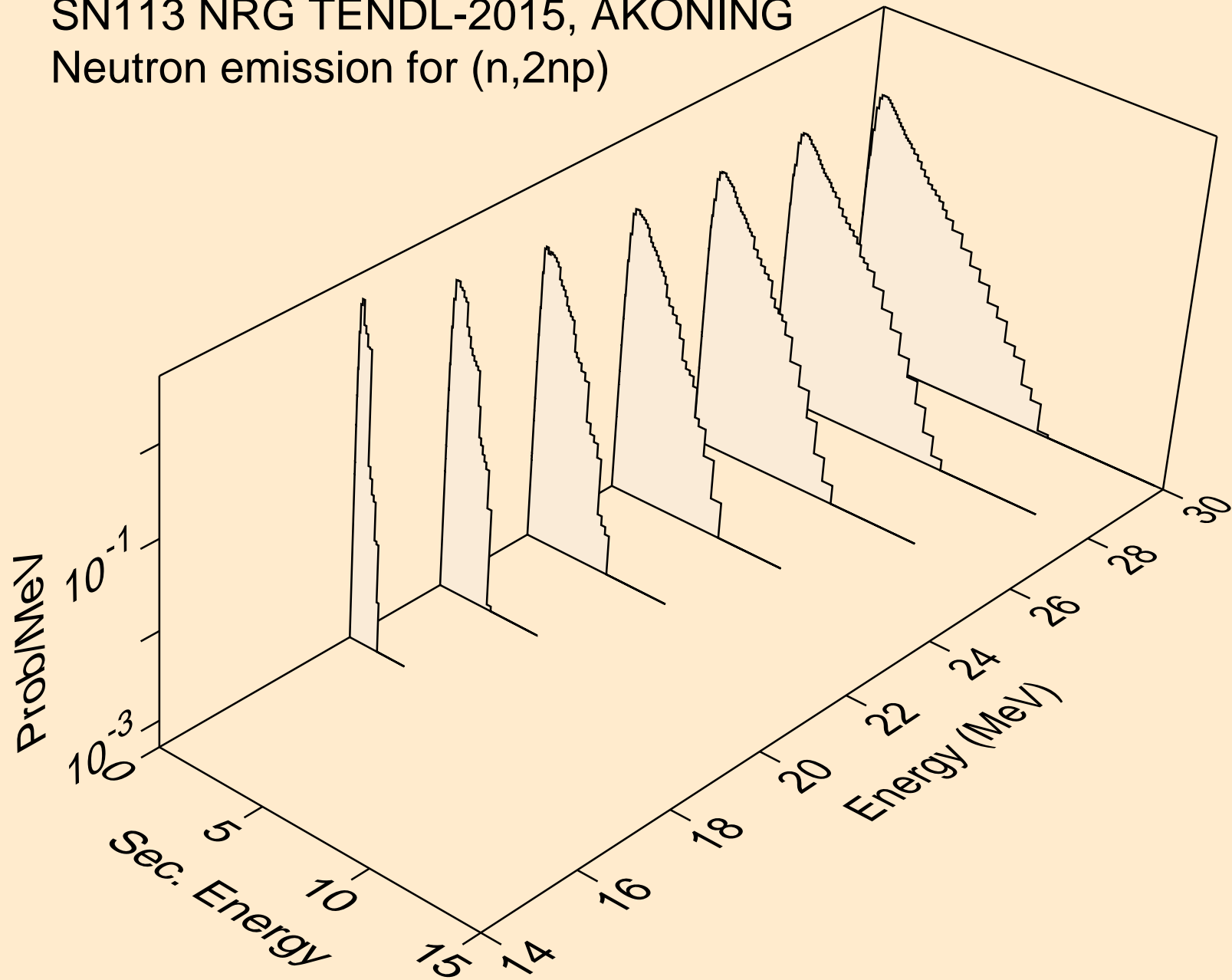
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



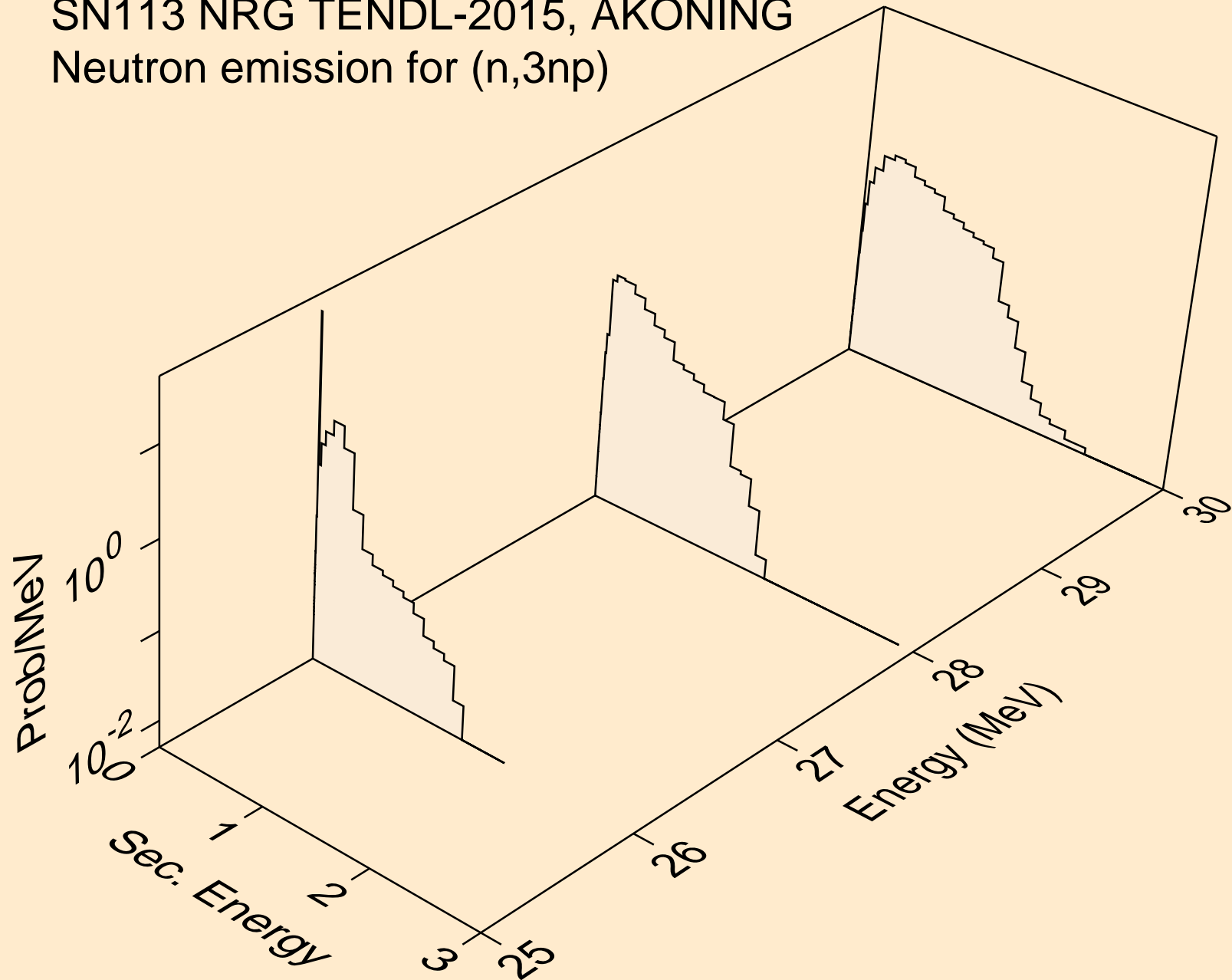
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

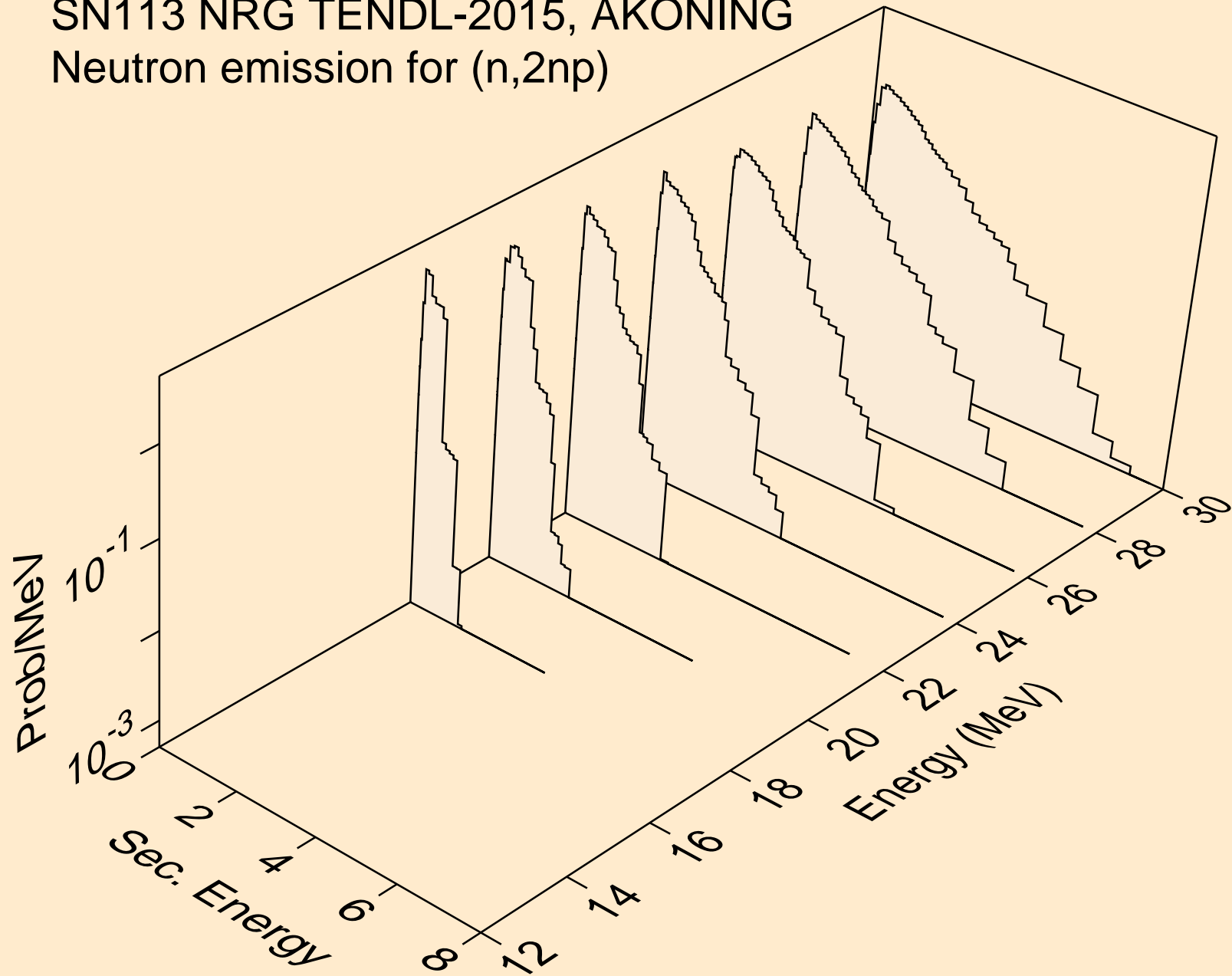


SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

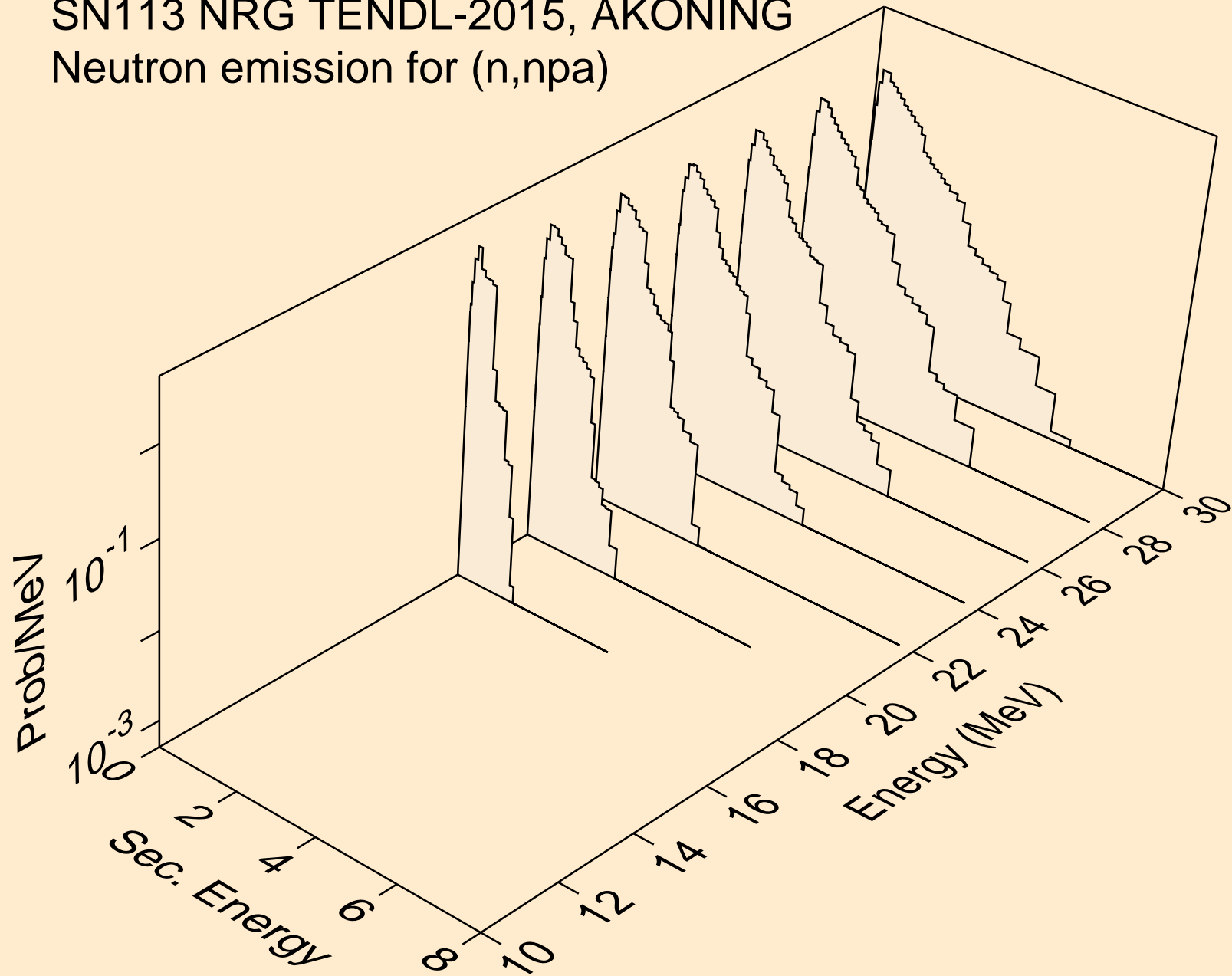




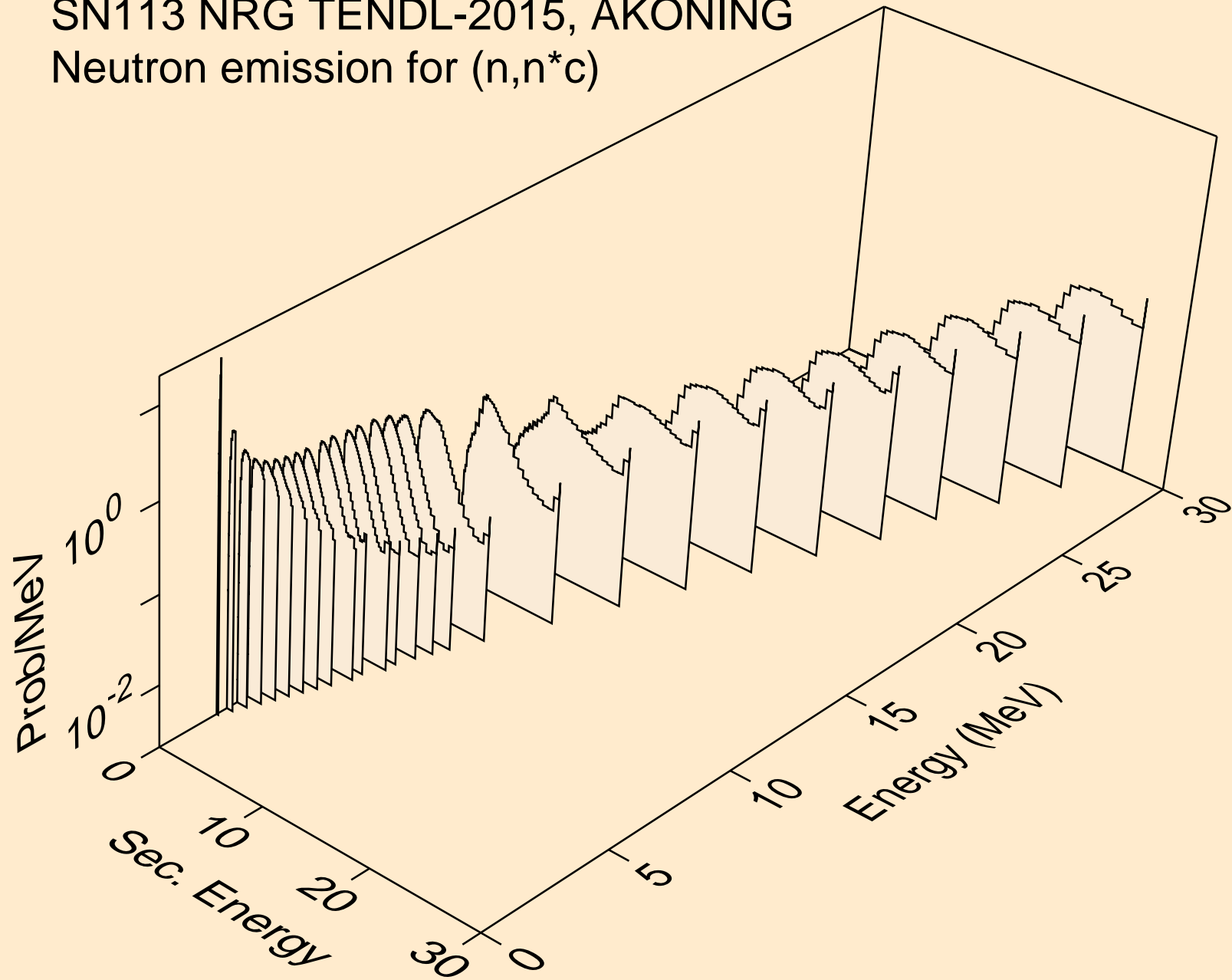
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



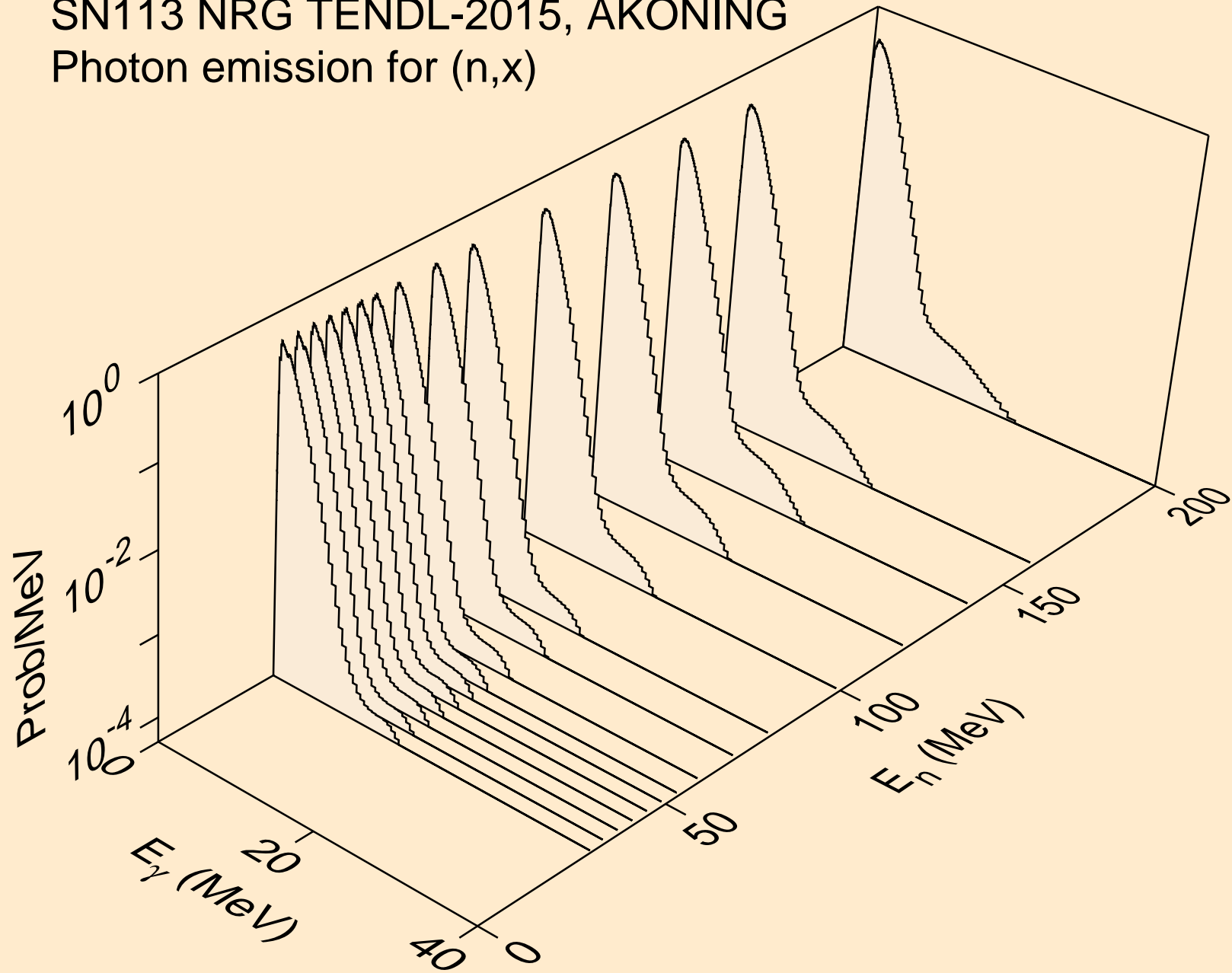
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



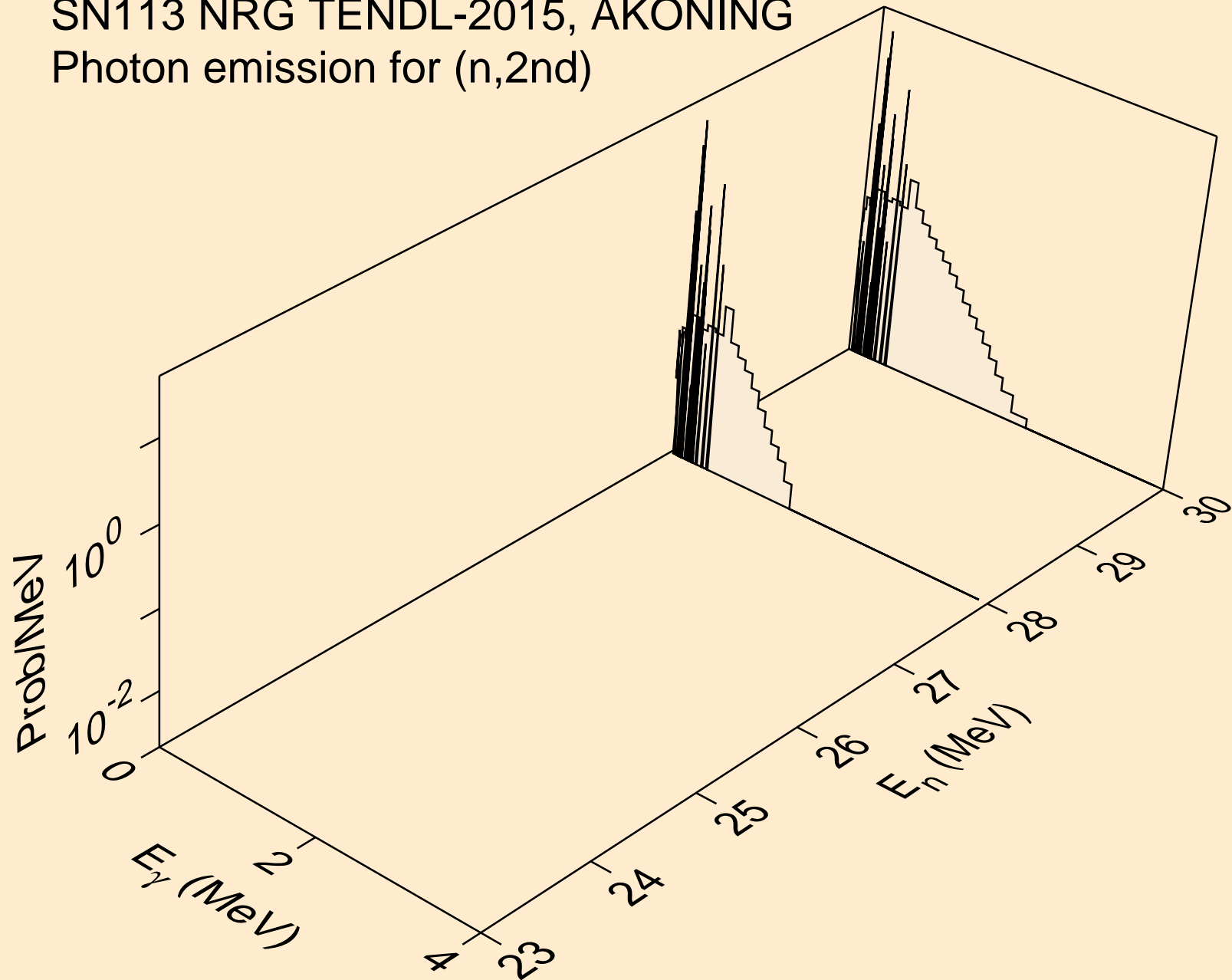
SN113 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



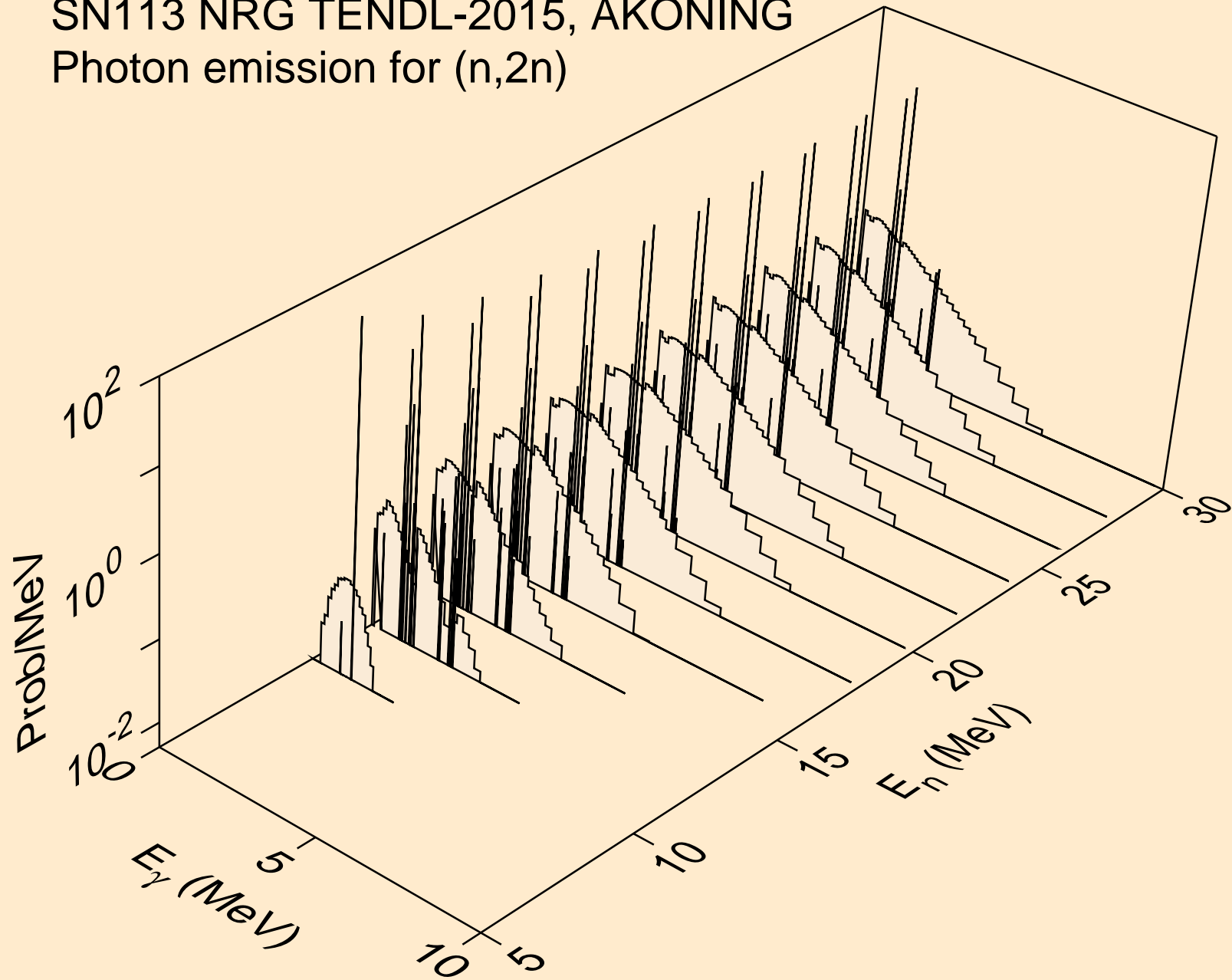
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



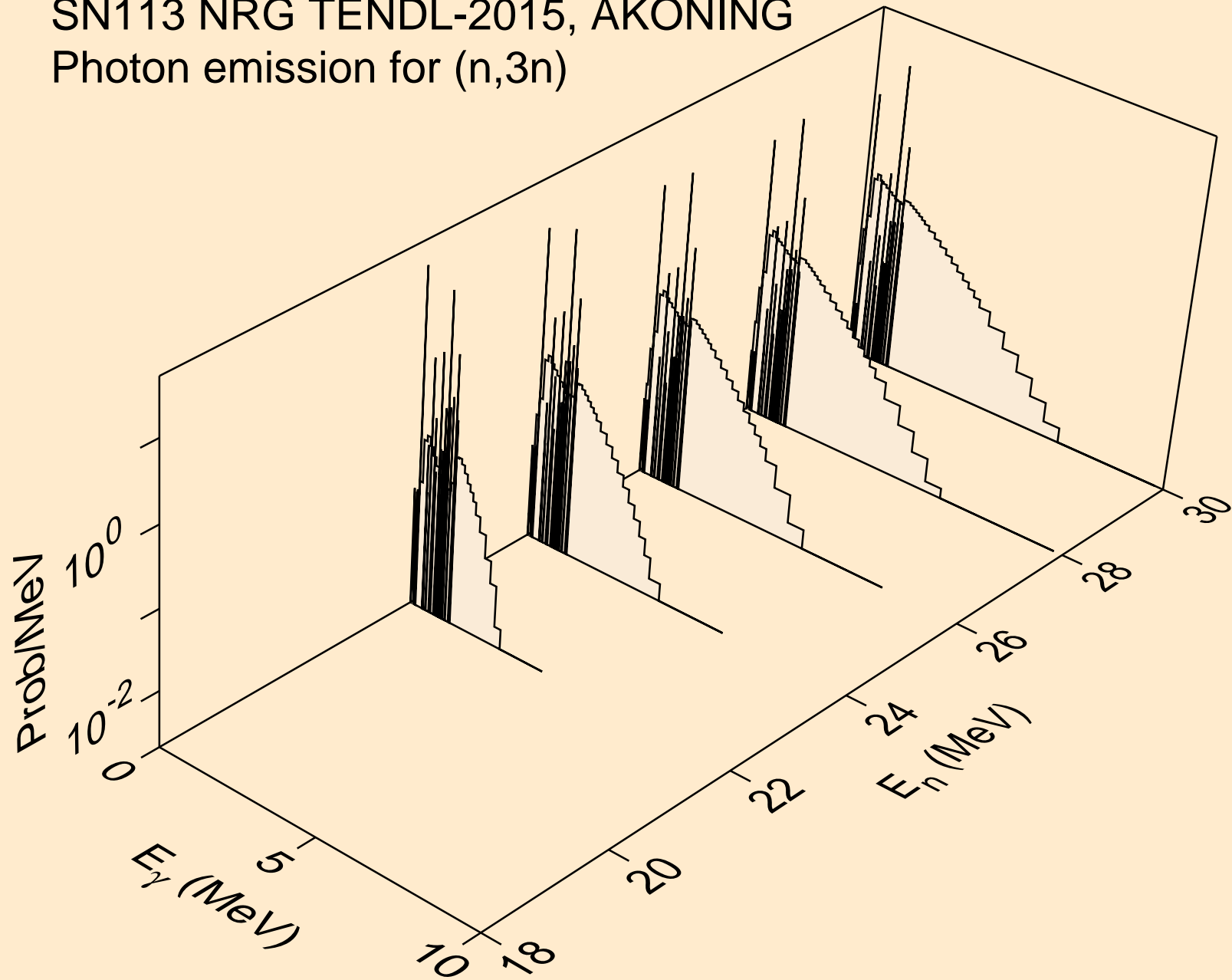
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



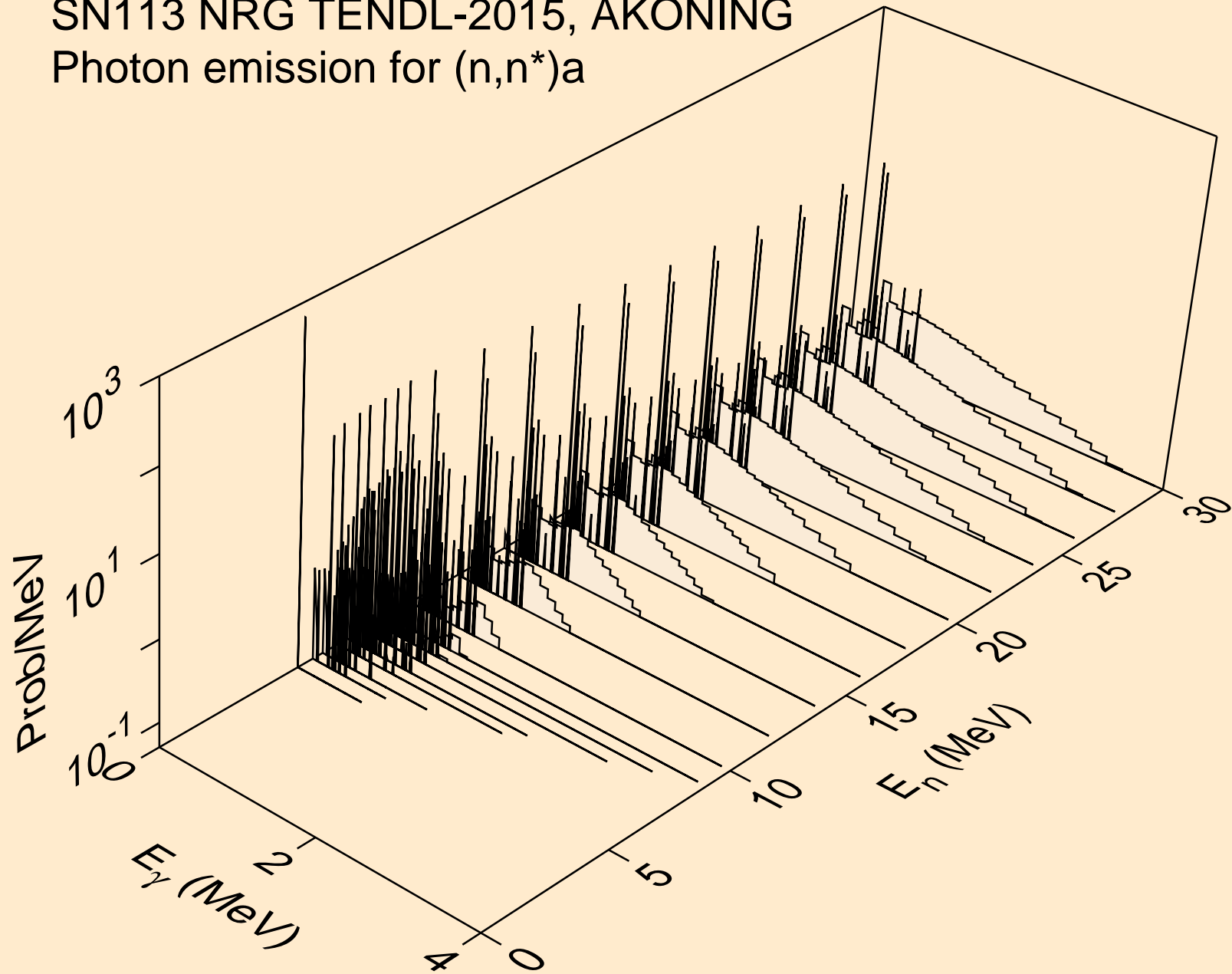
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

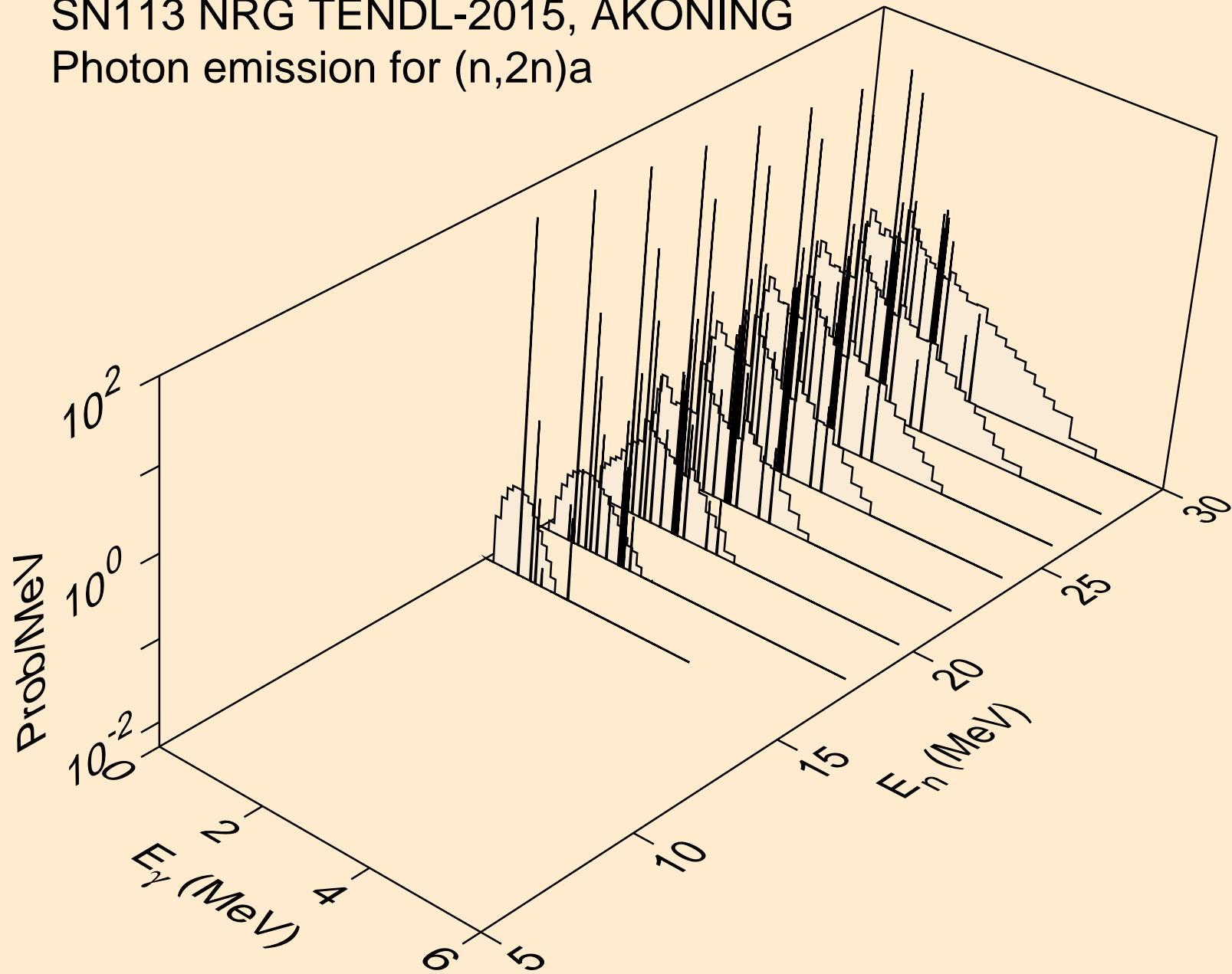


SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

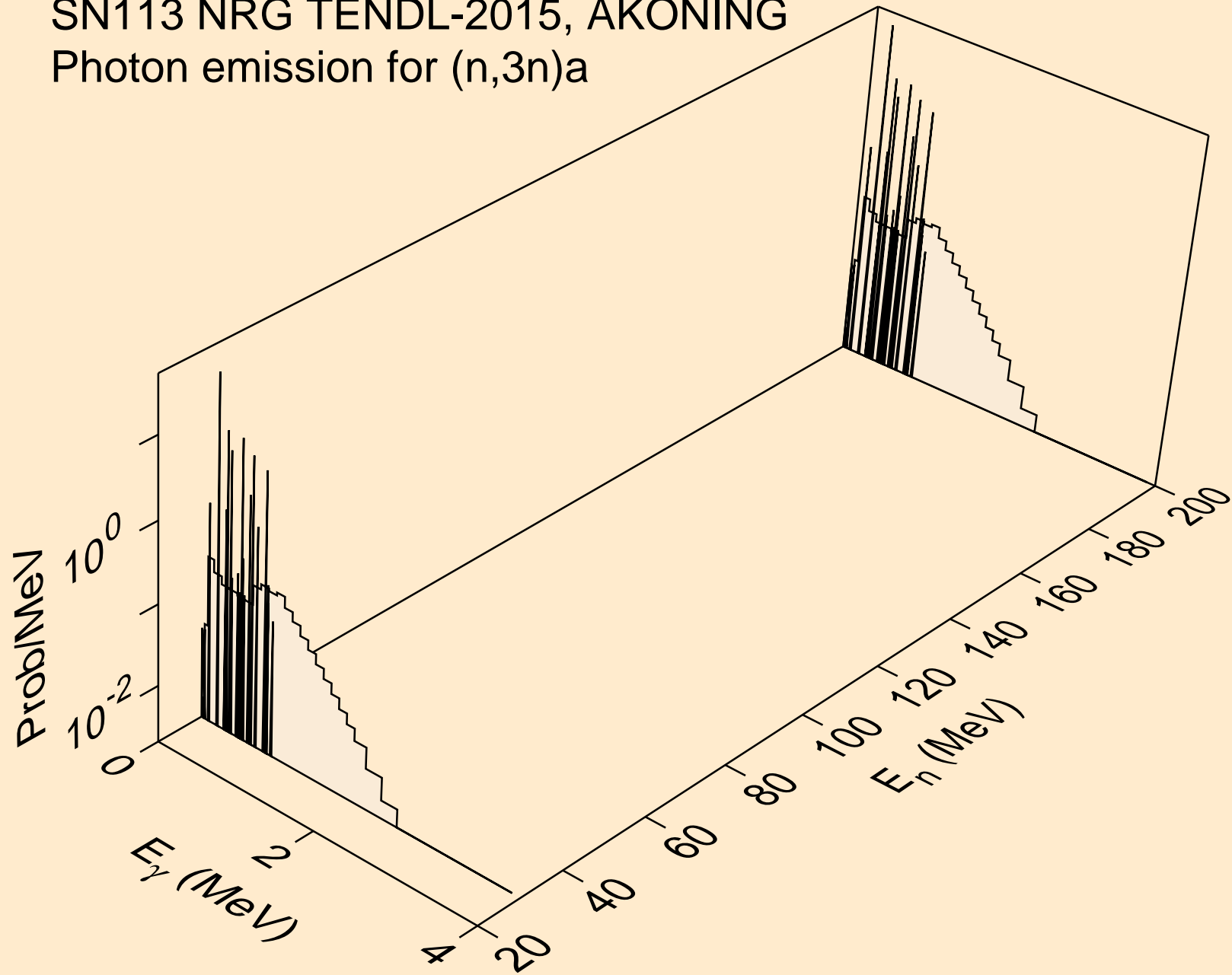




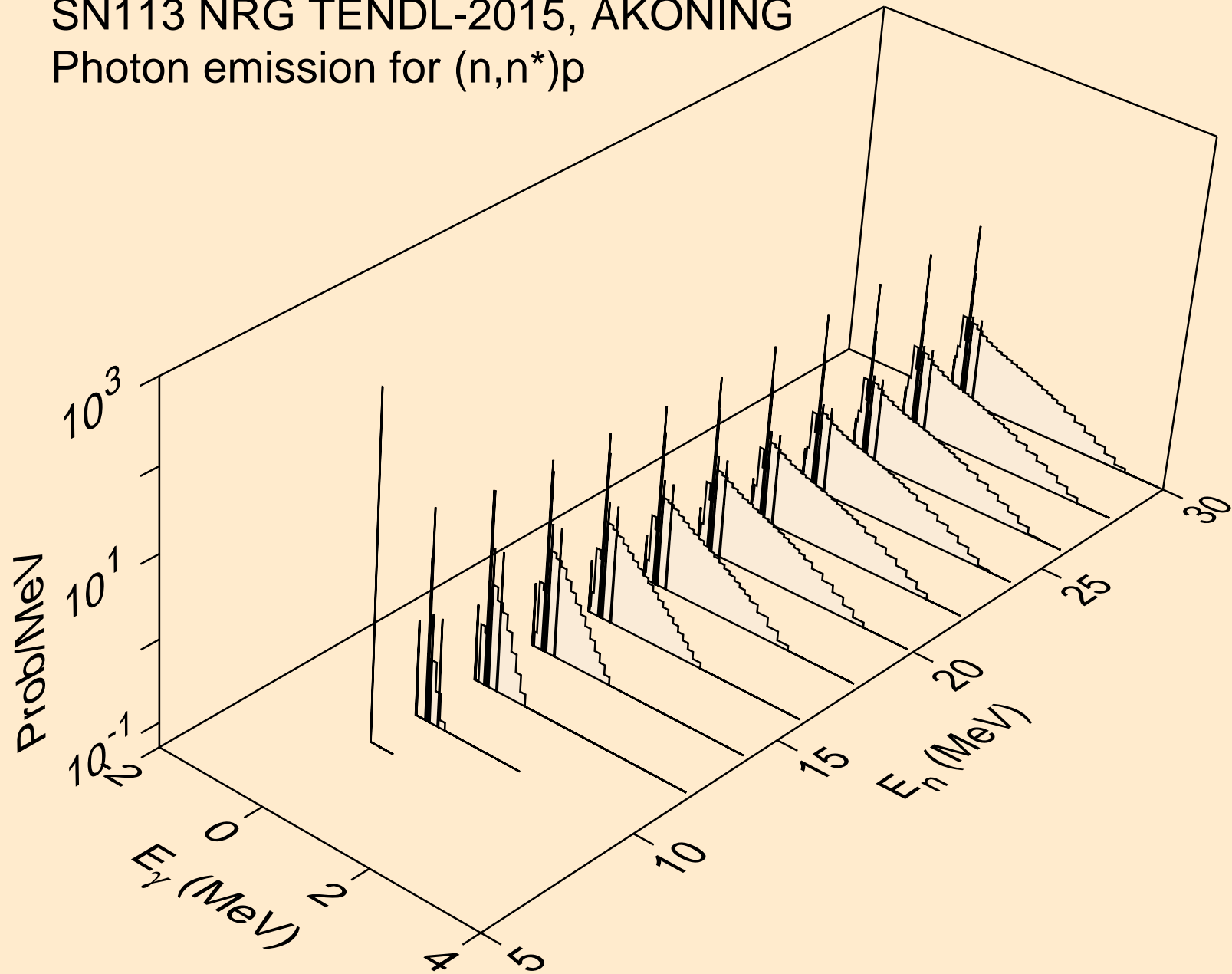
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



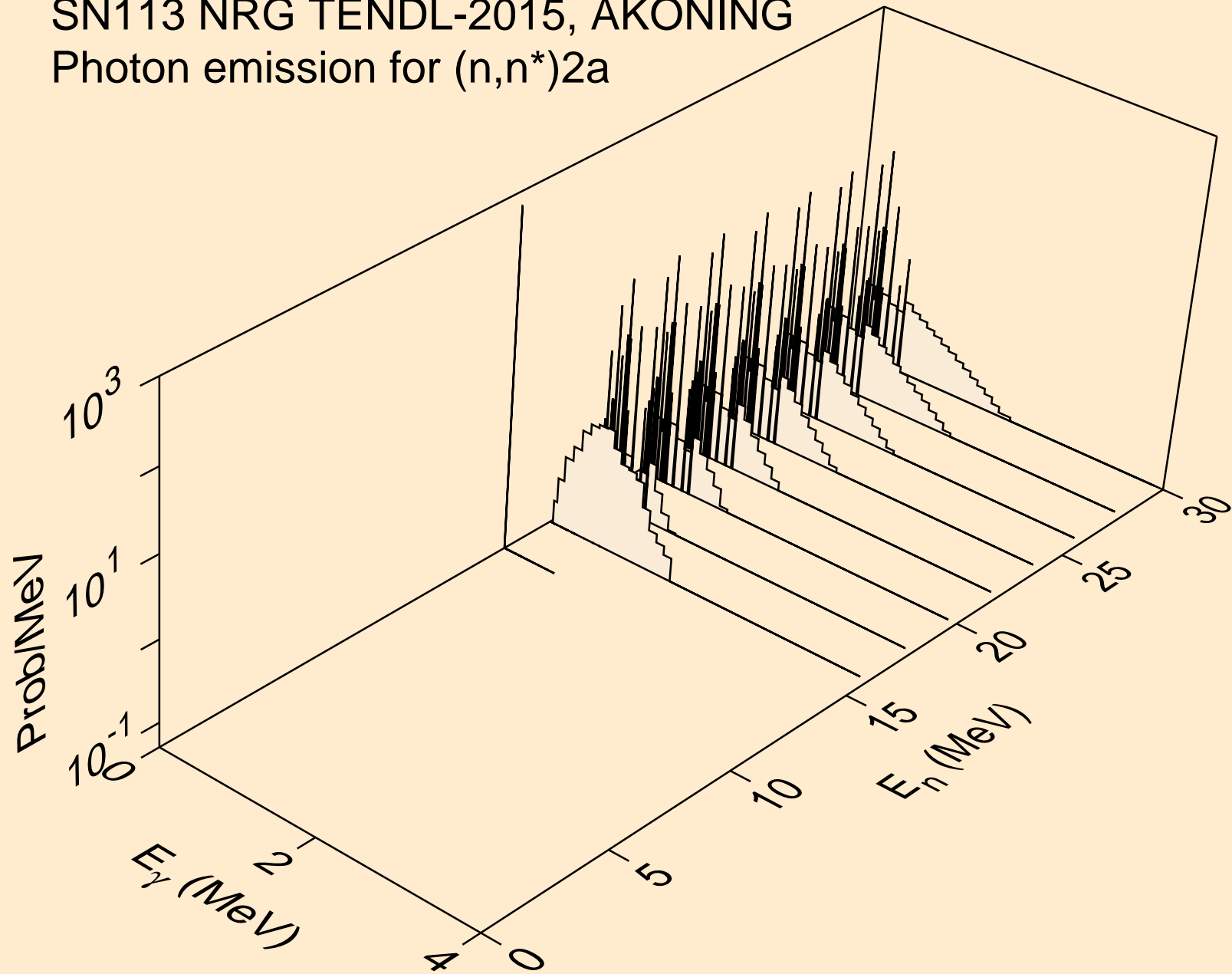
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



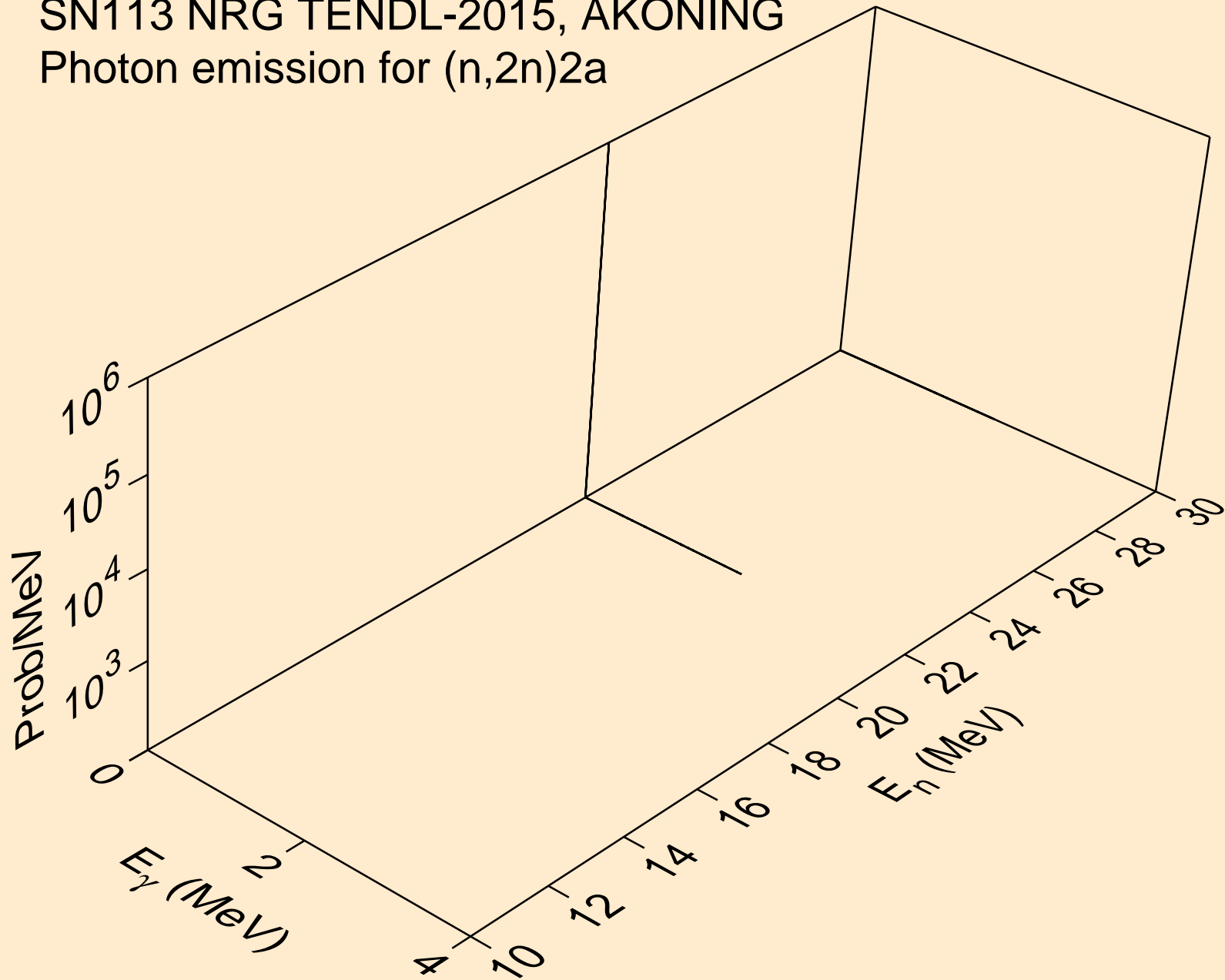
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p



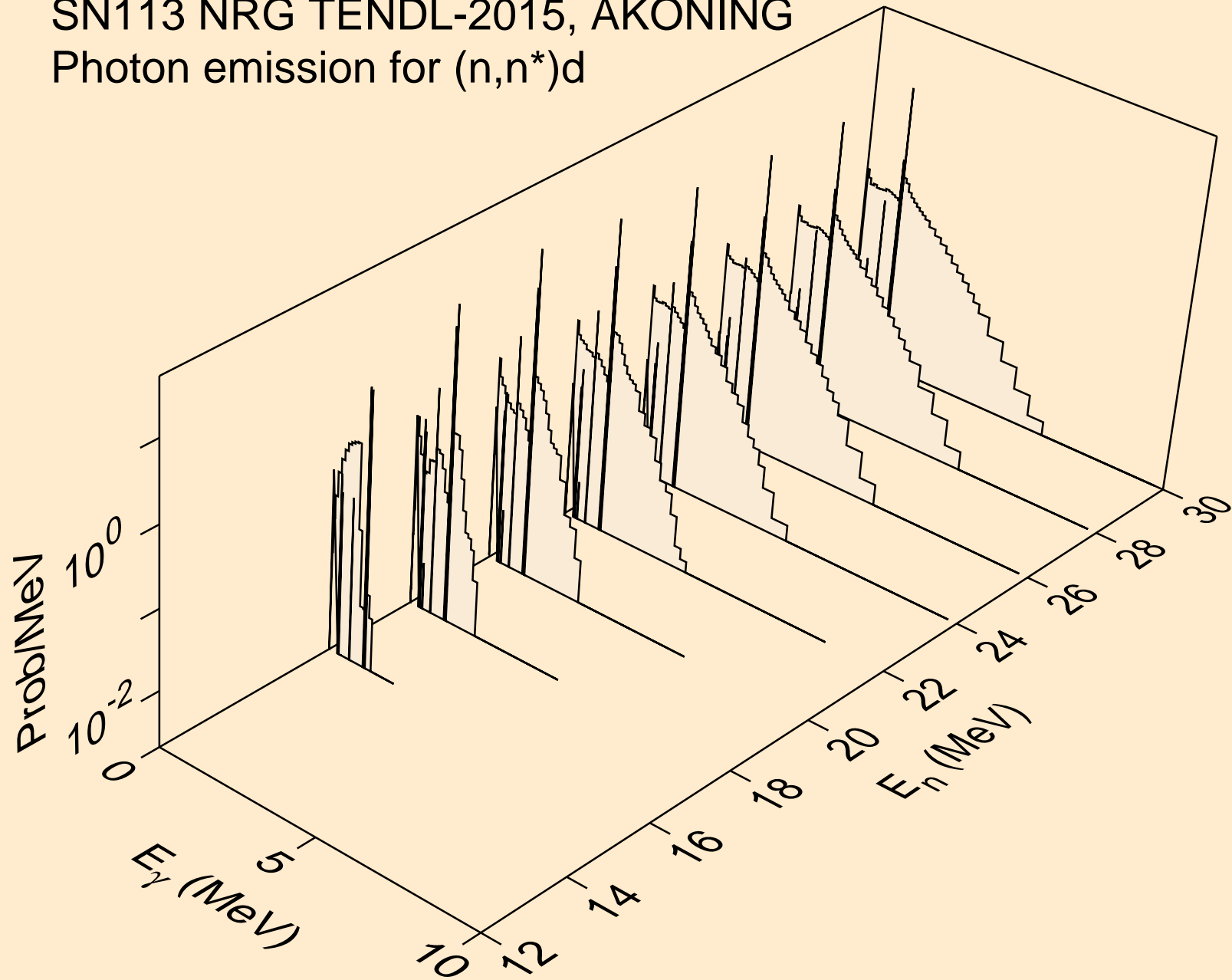
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)2a



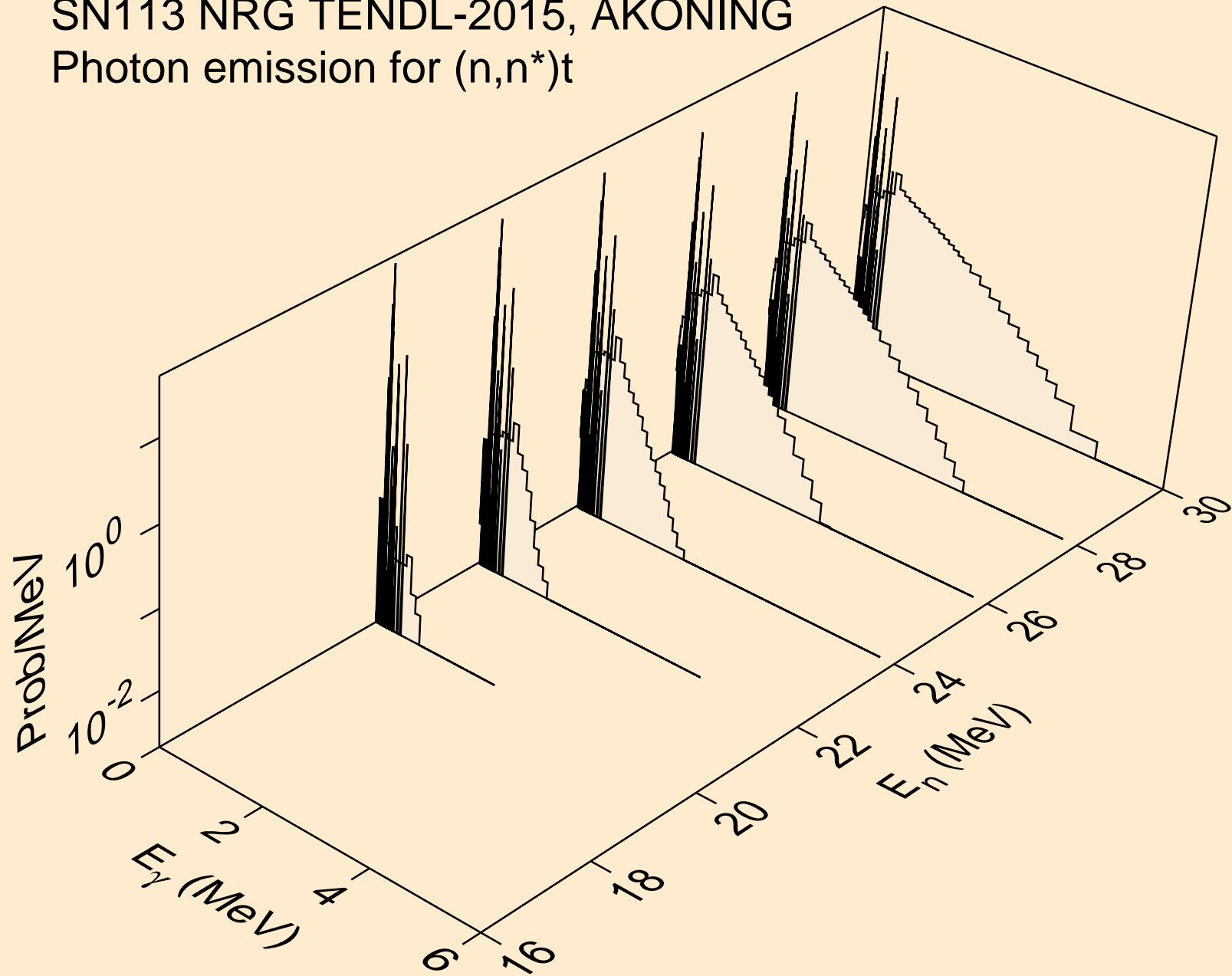
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)2a



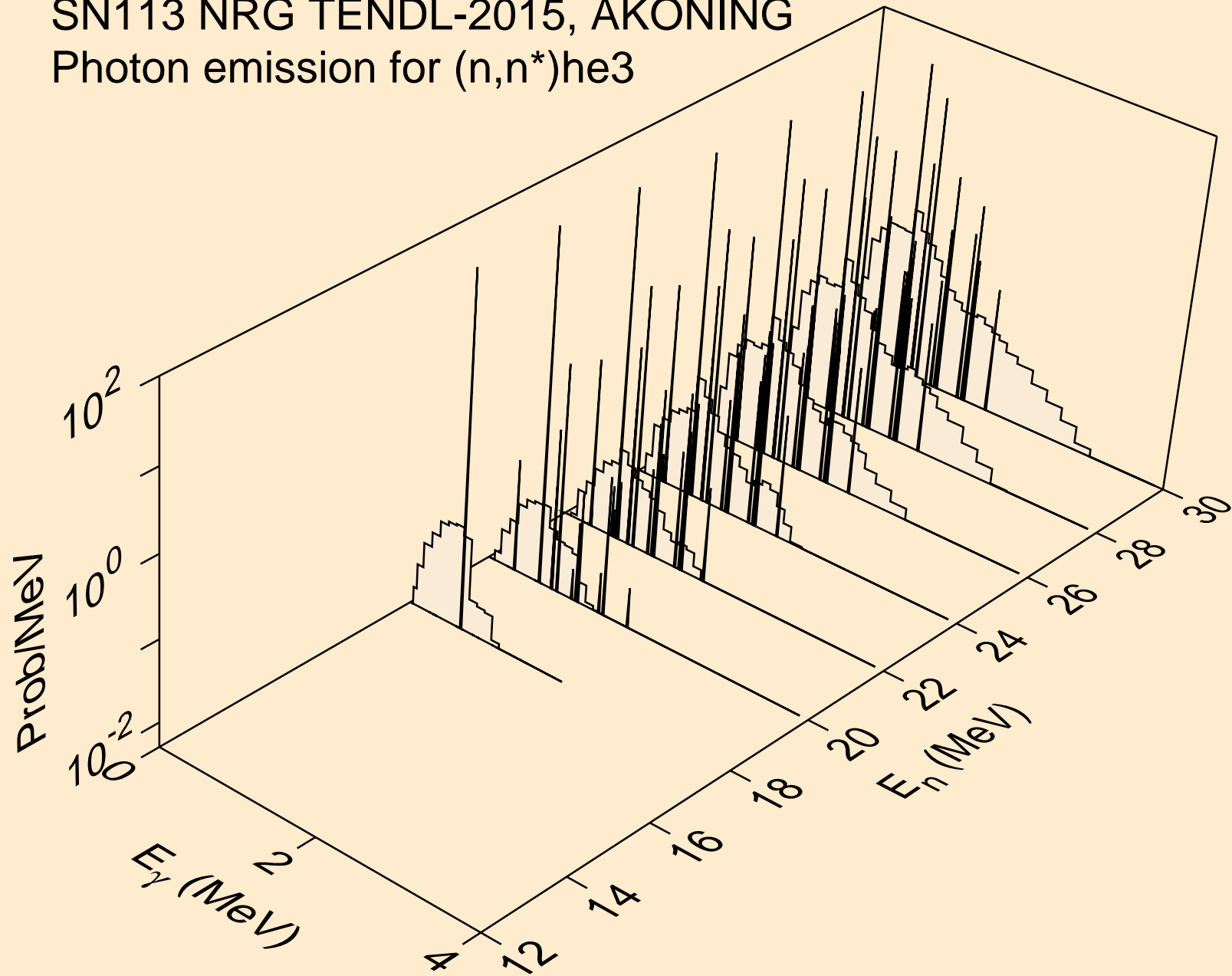
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t

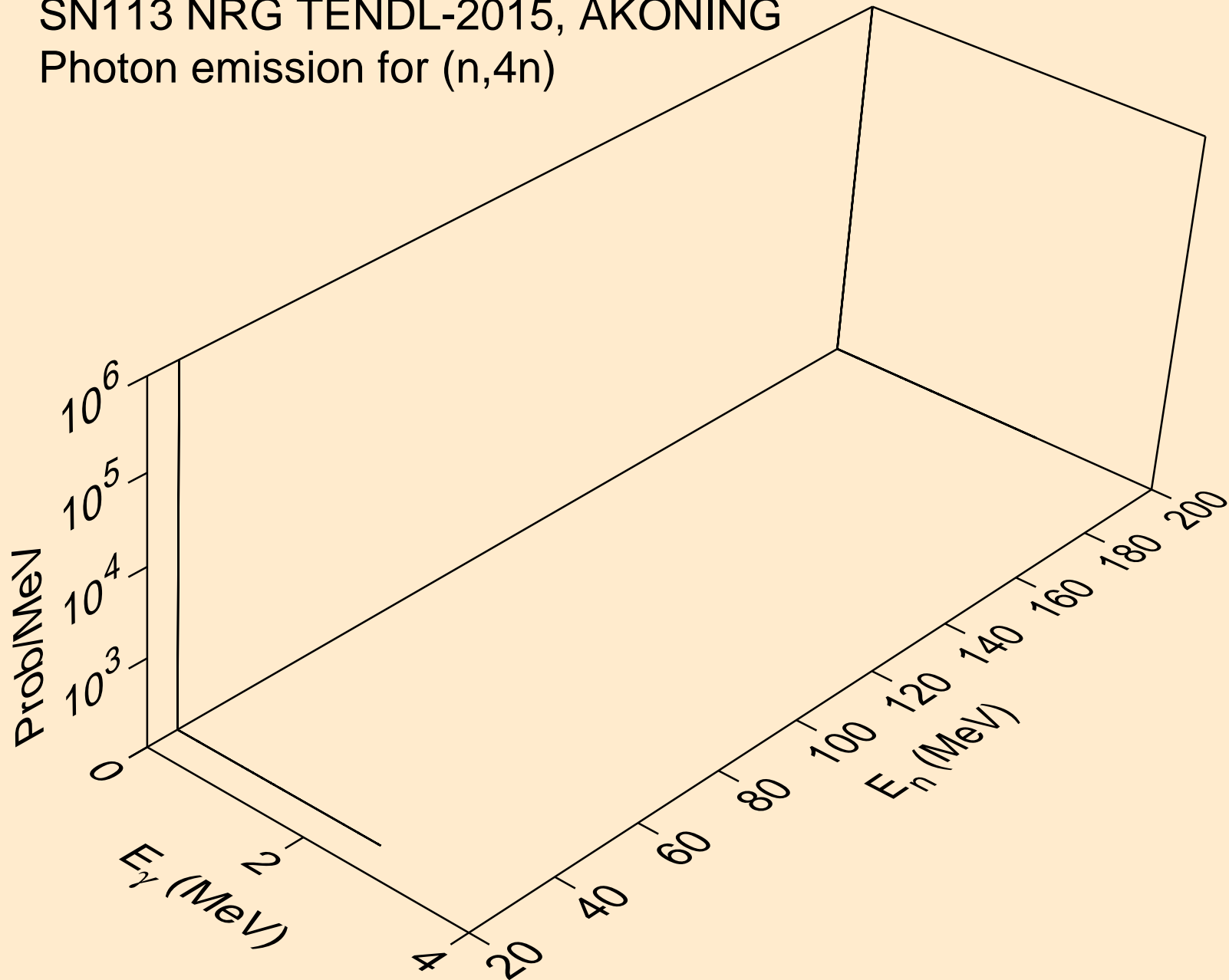


SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3

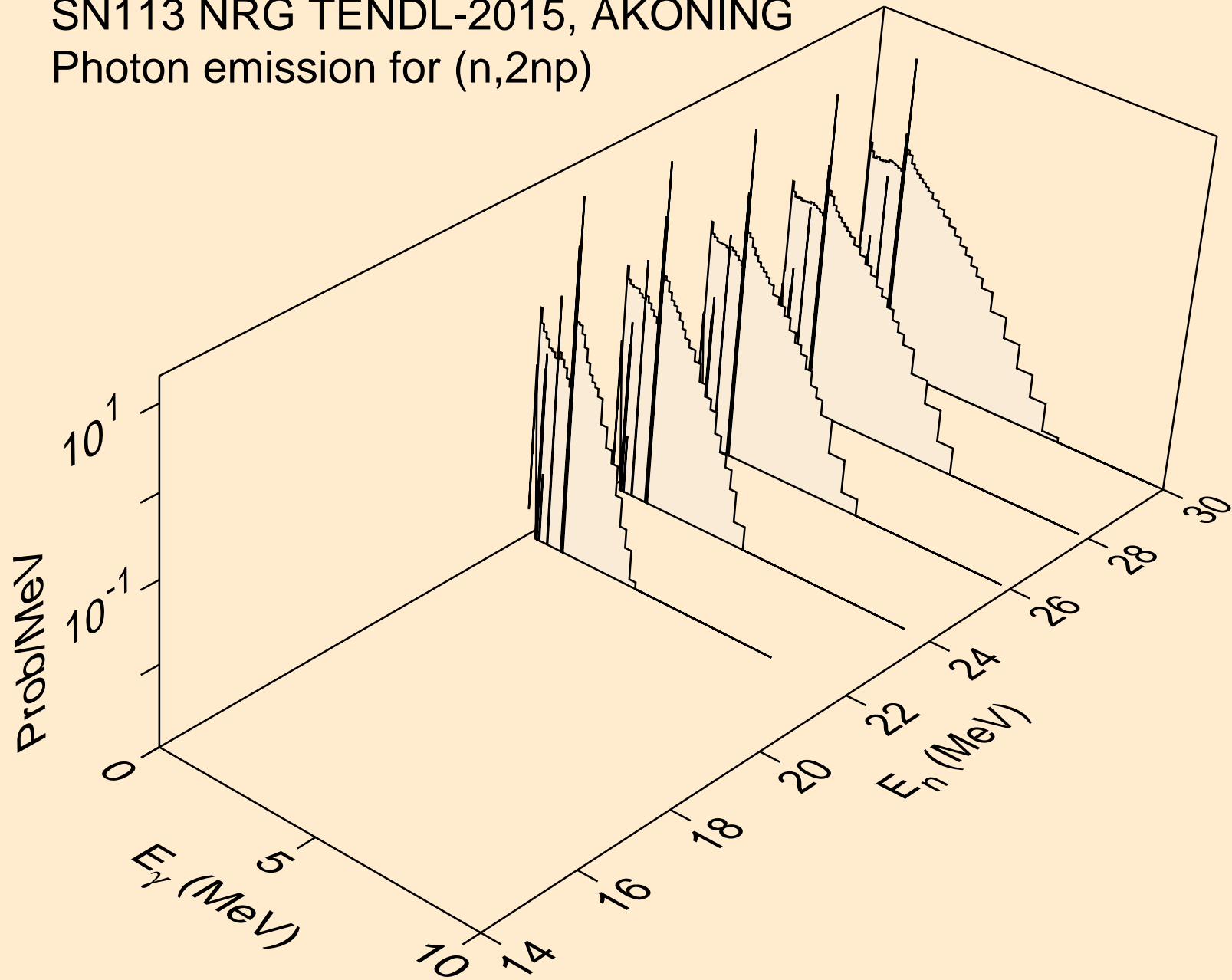




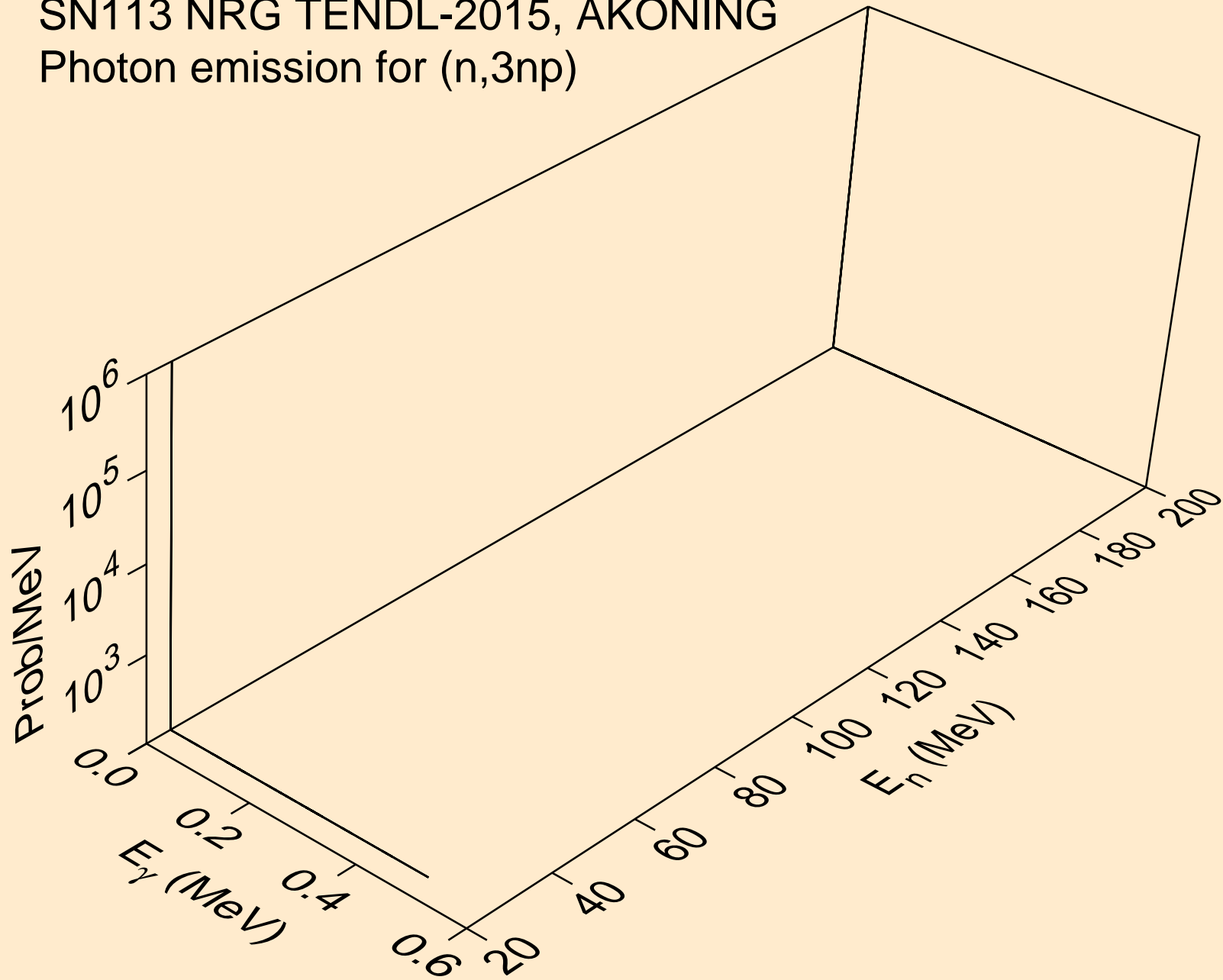
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



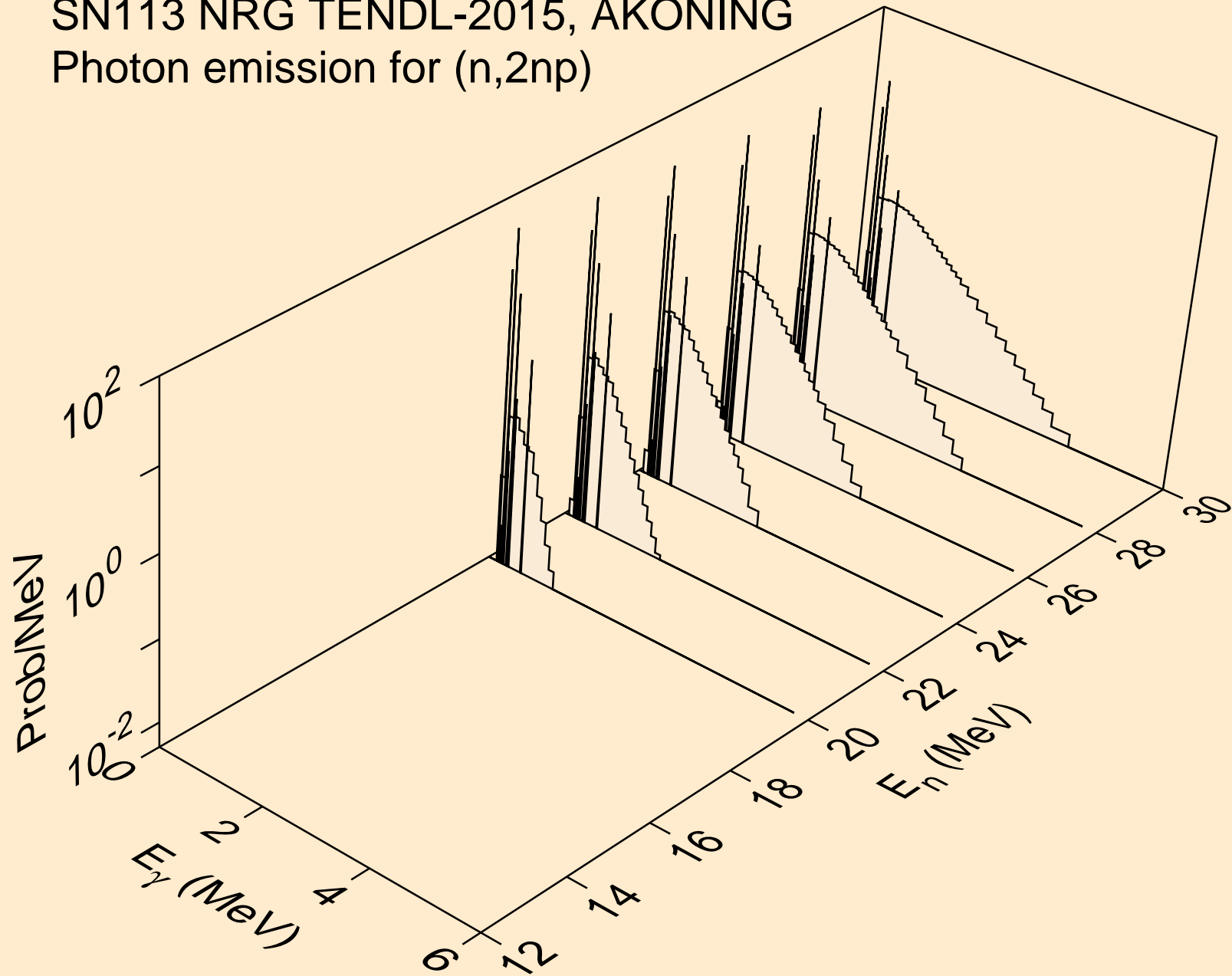
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



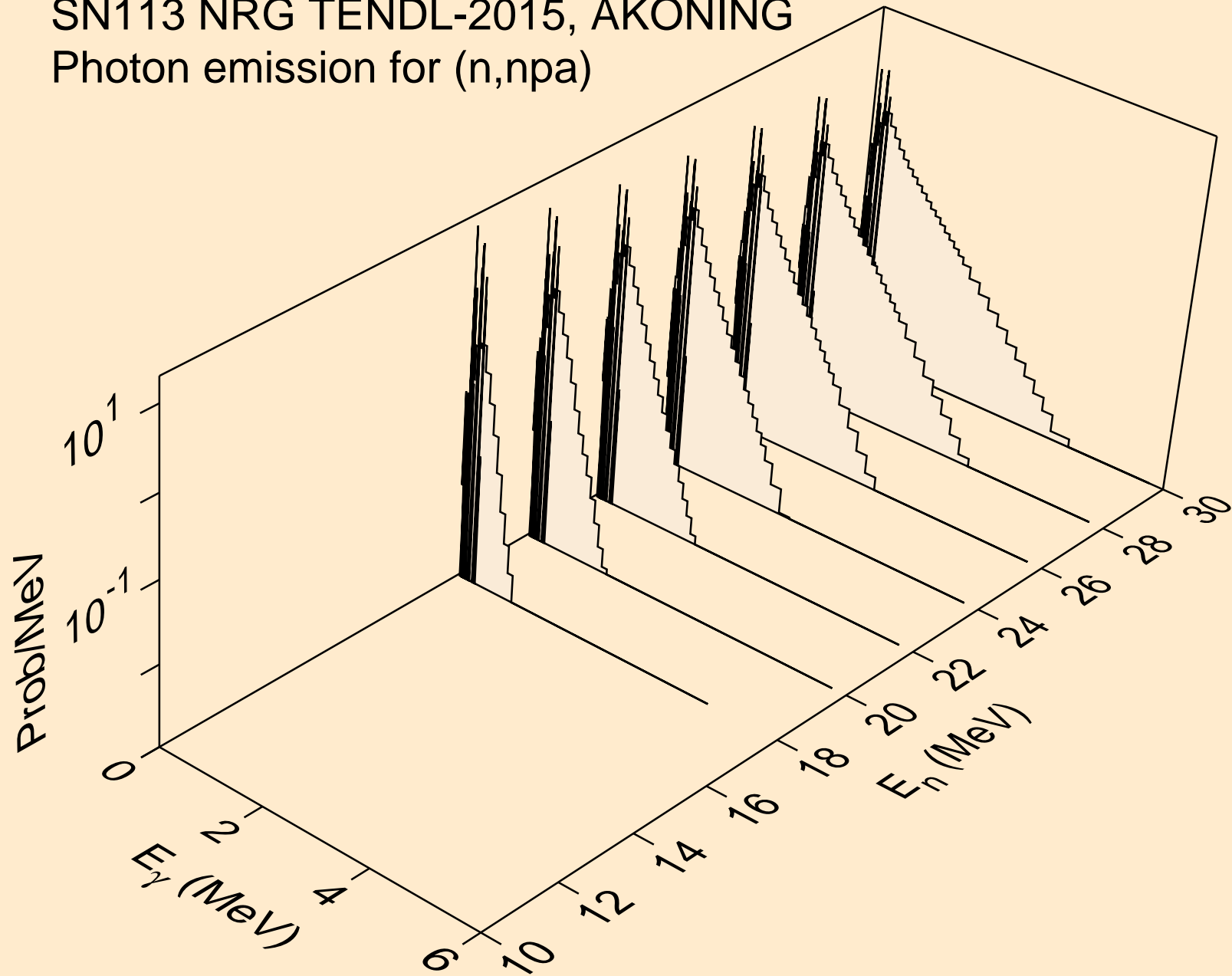
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



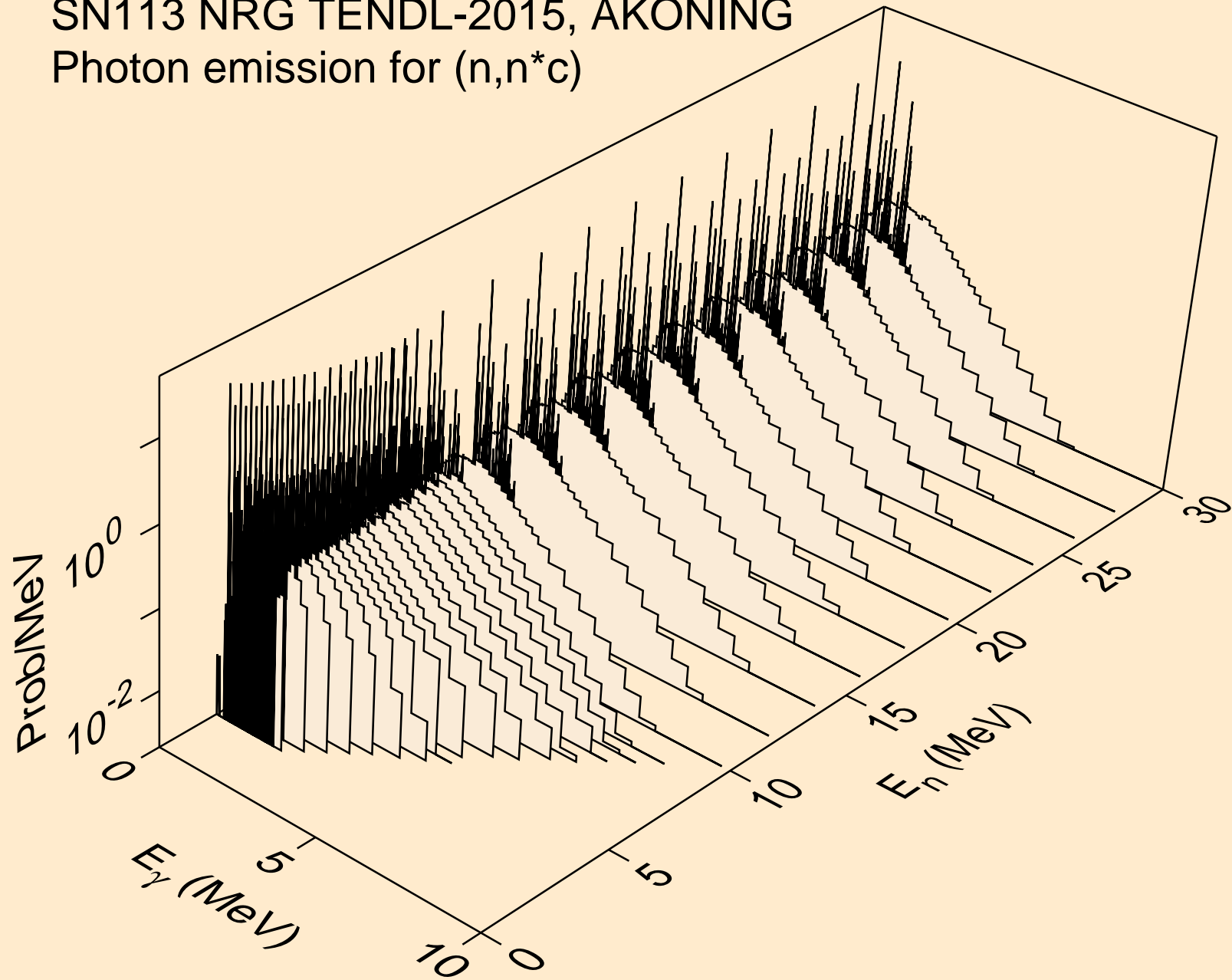
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



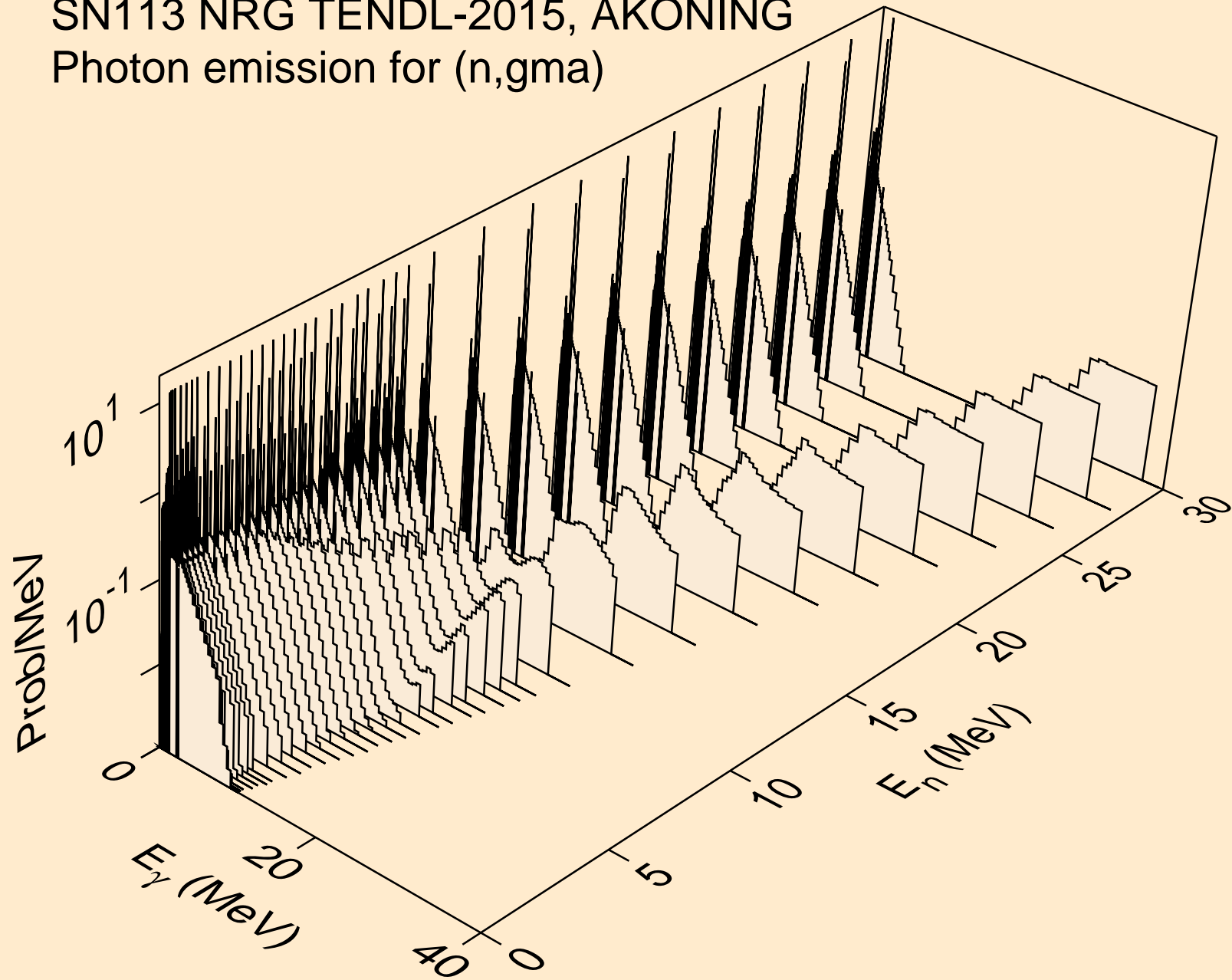
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



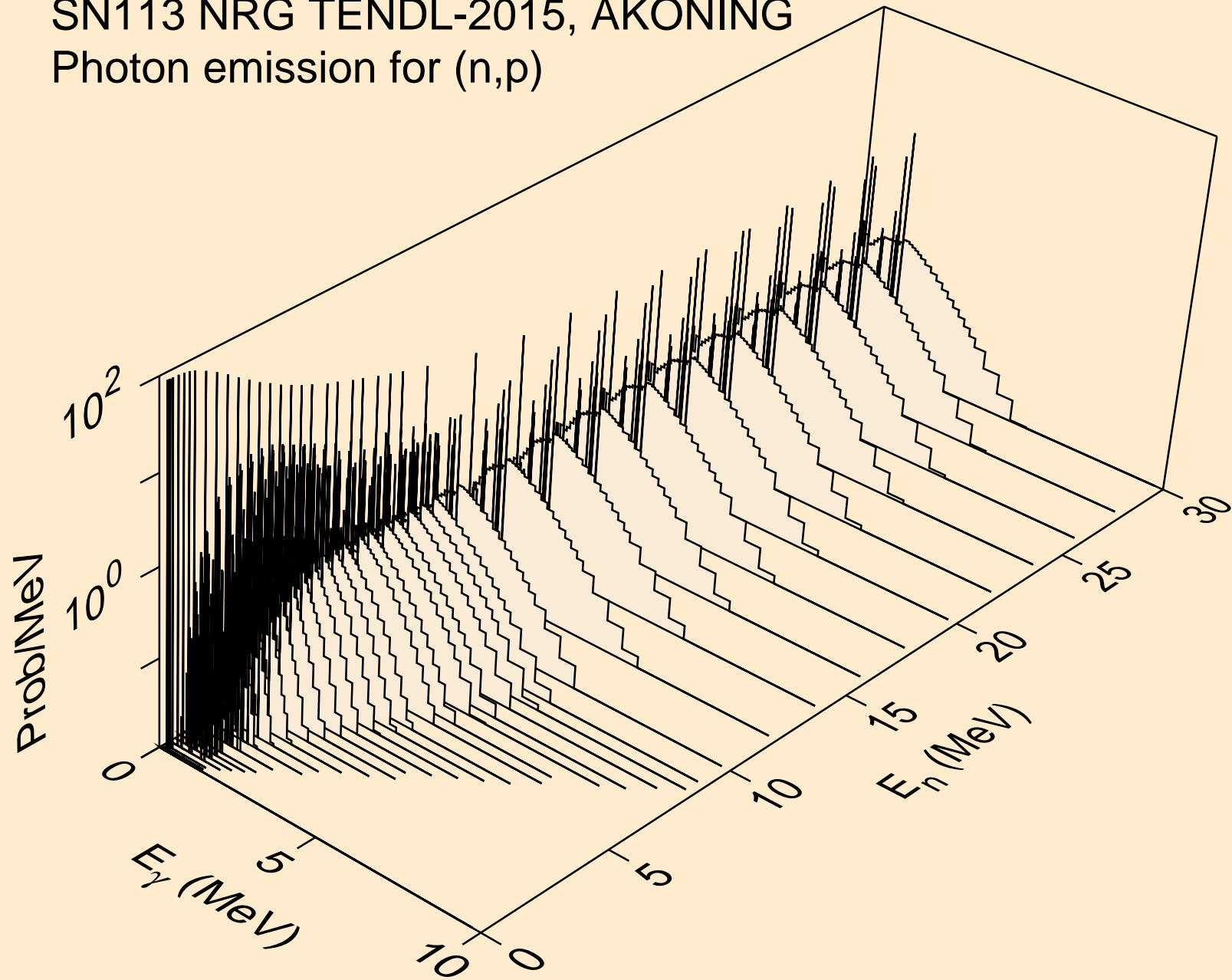
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

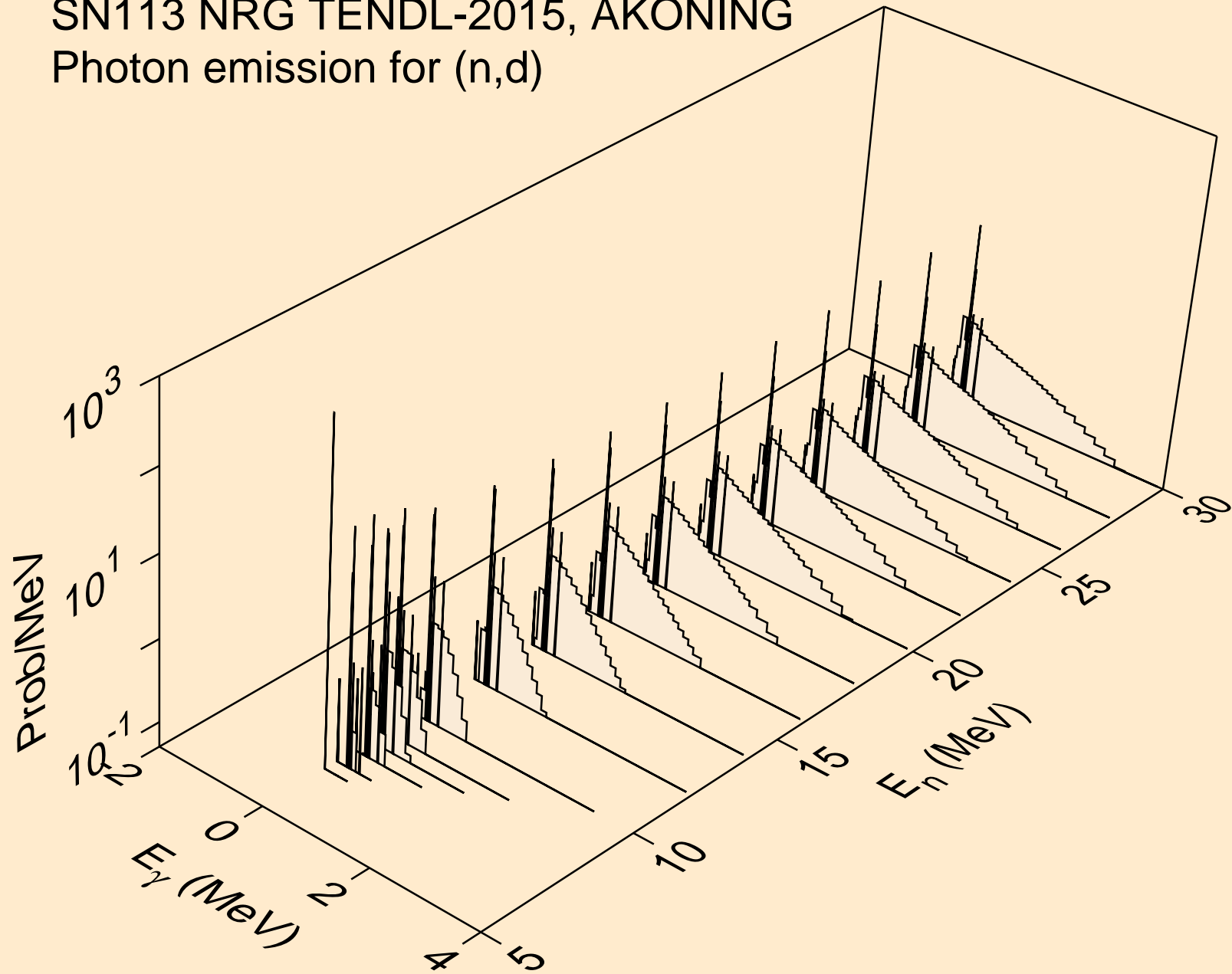


SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

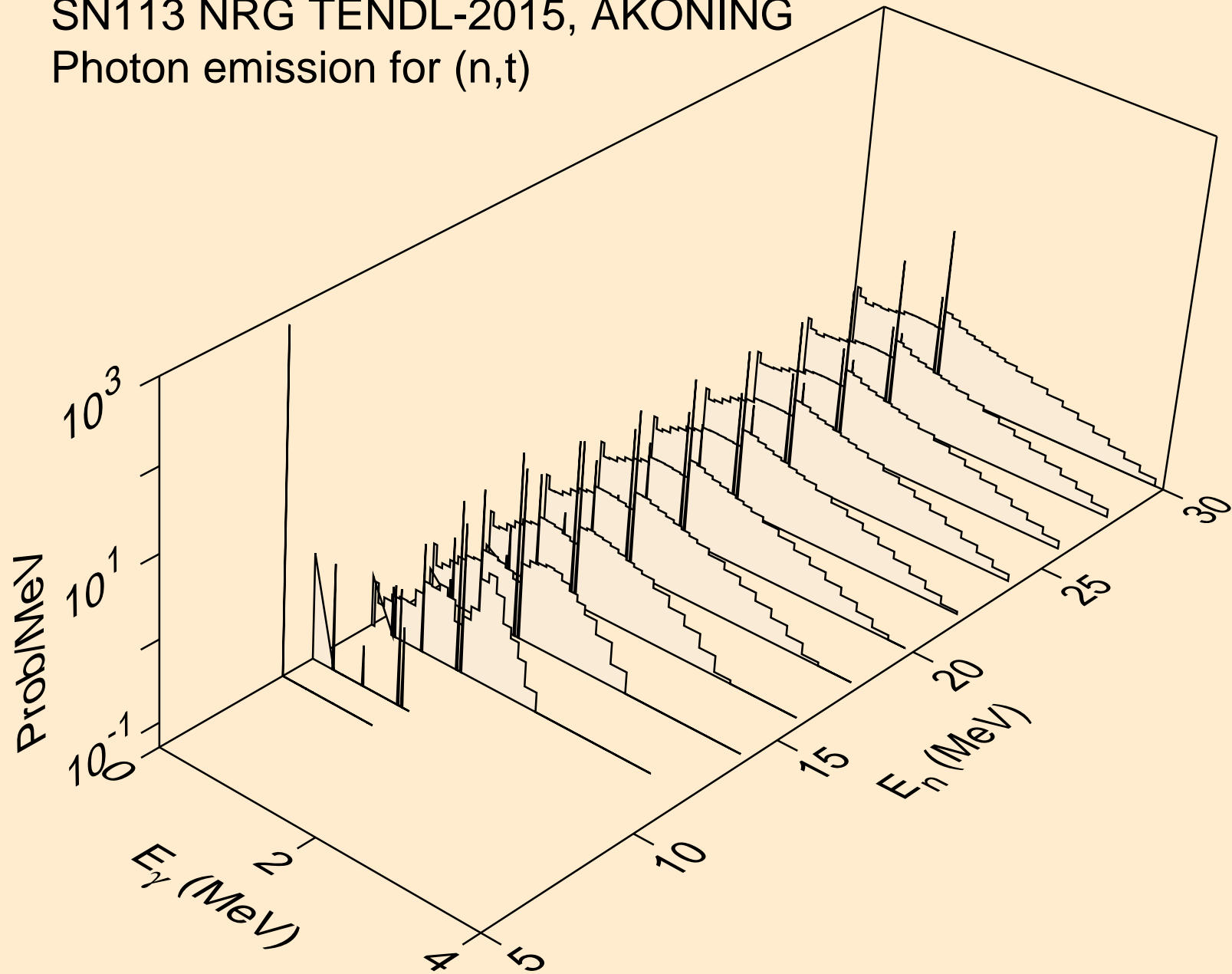




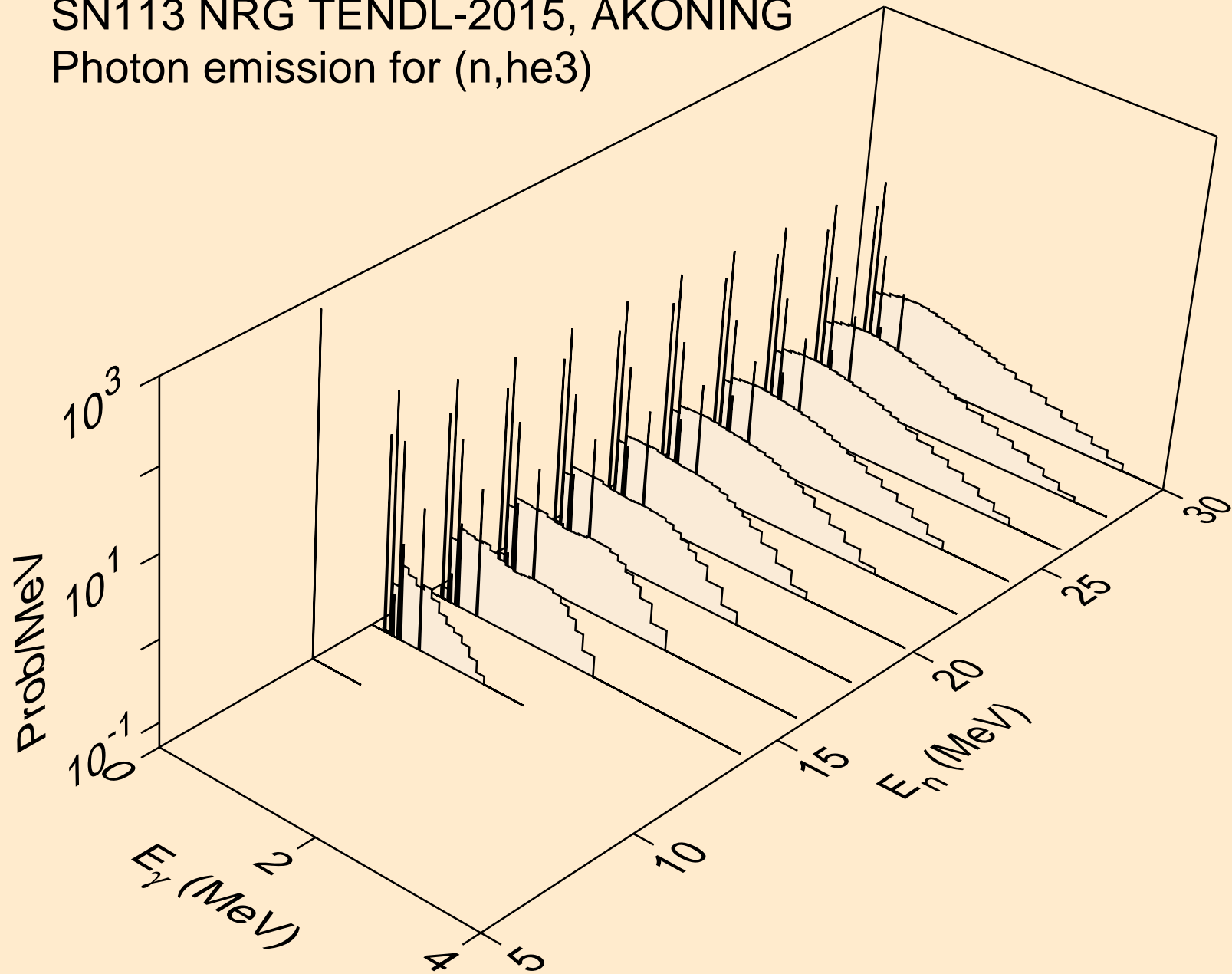
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



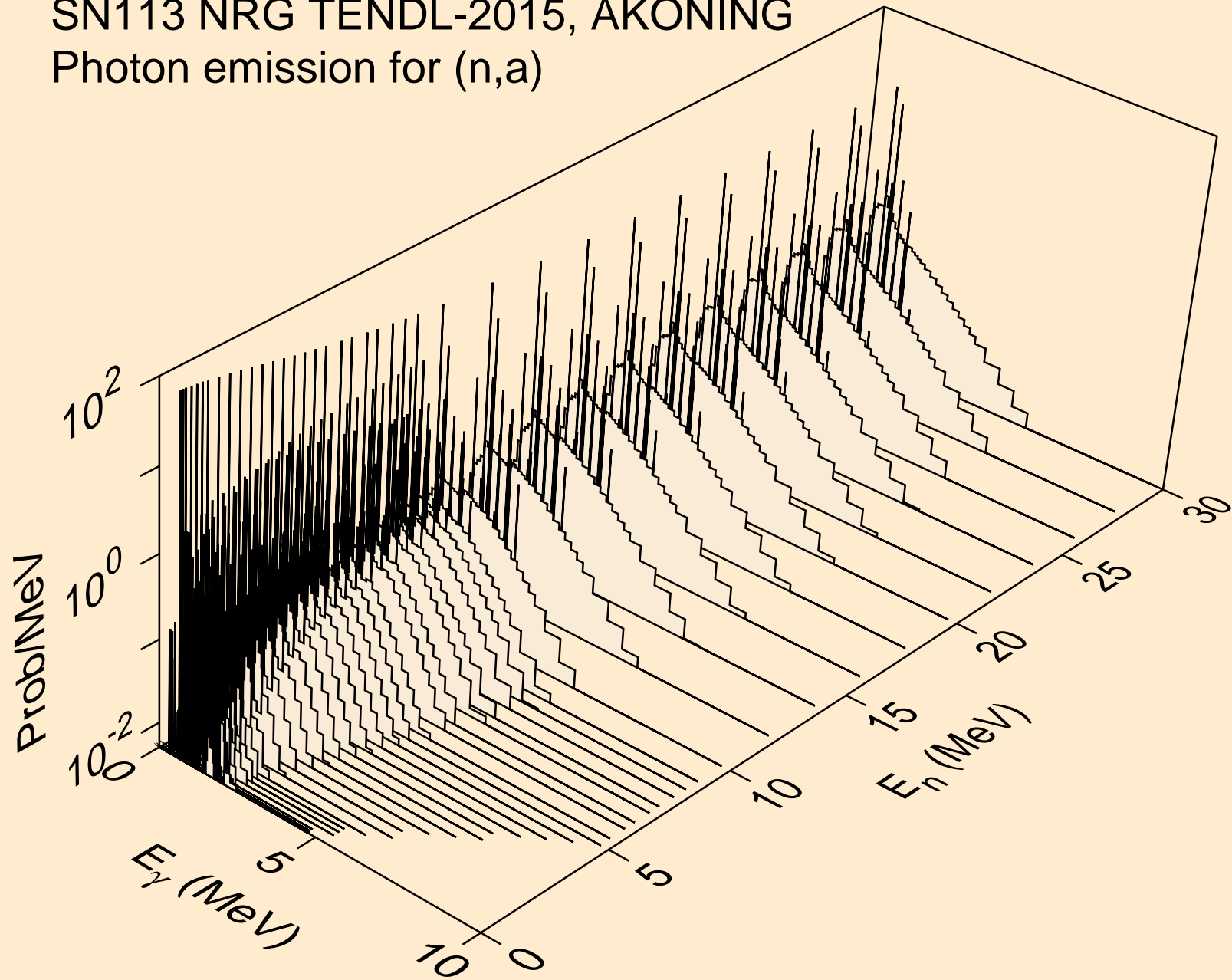
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



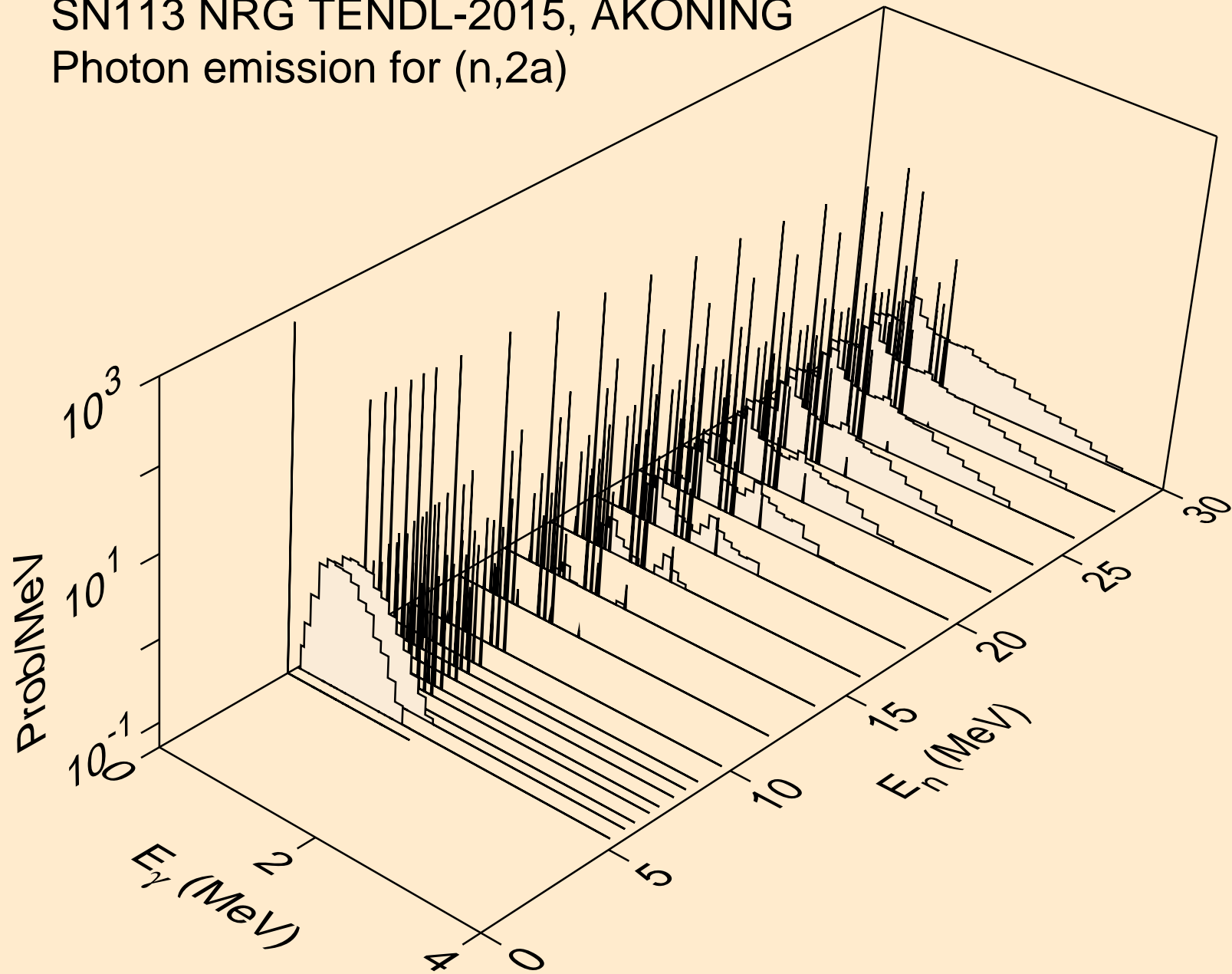
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



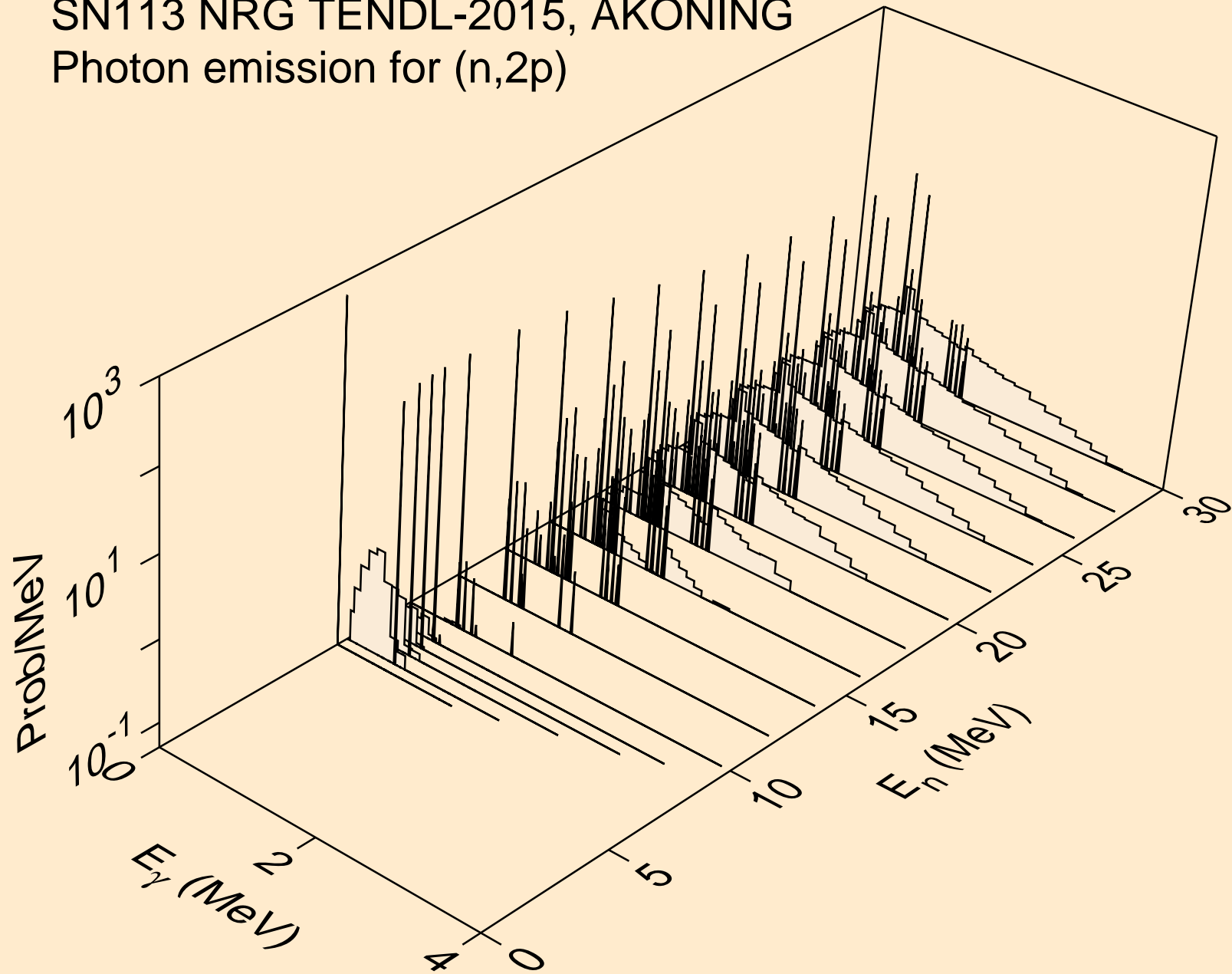
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



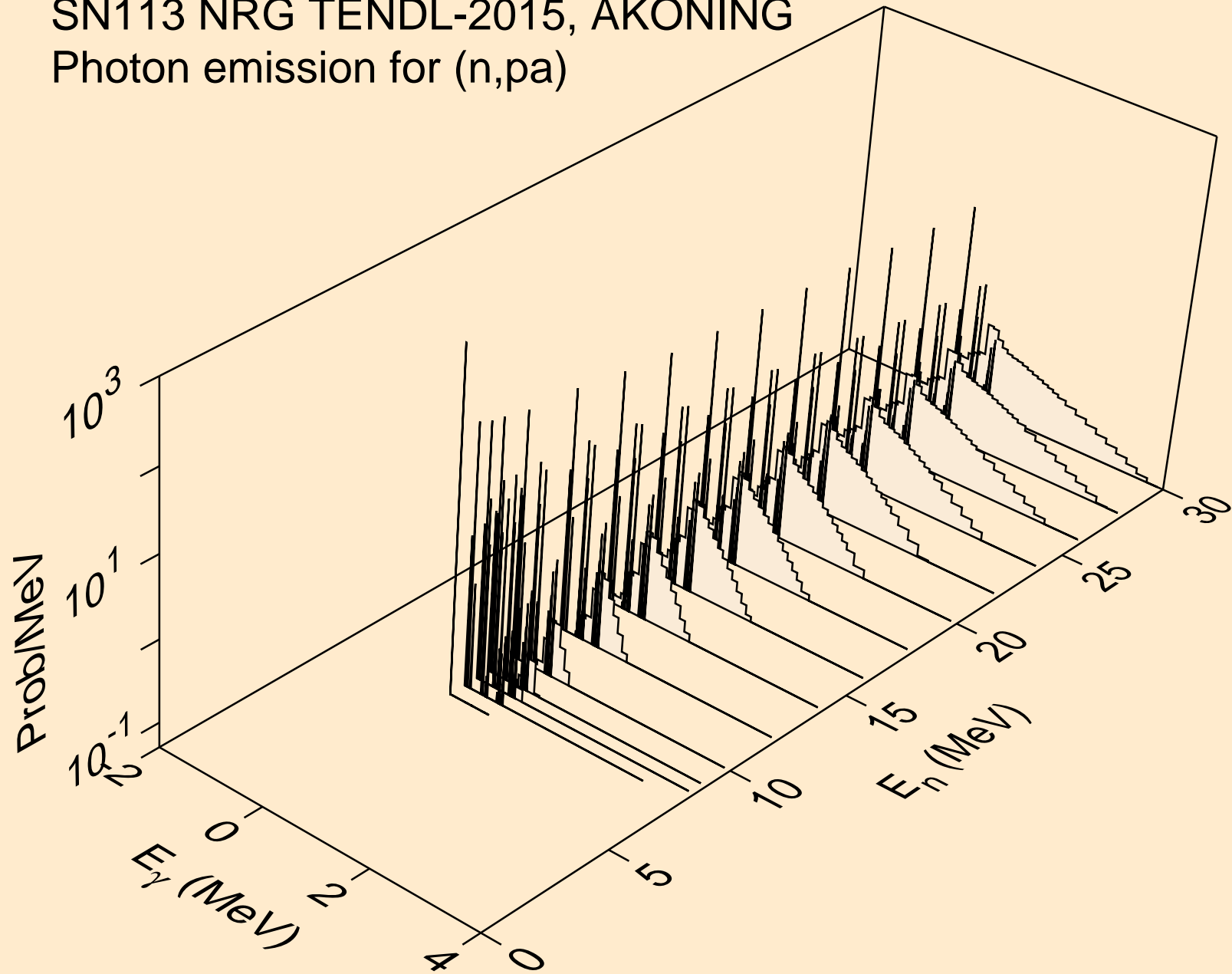
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



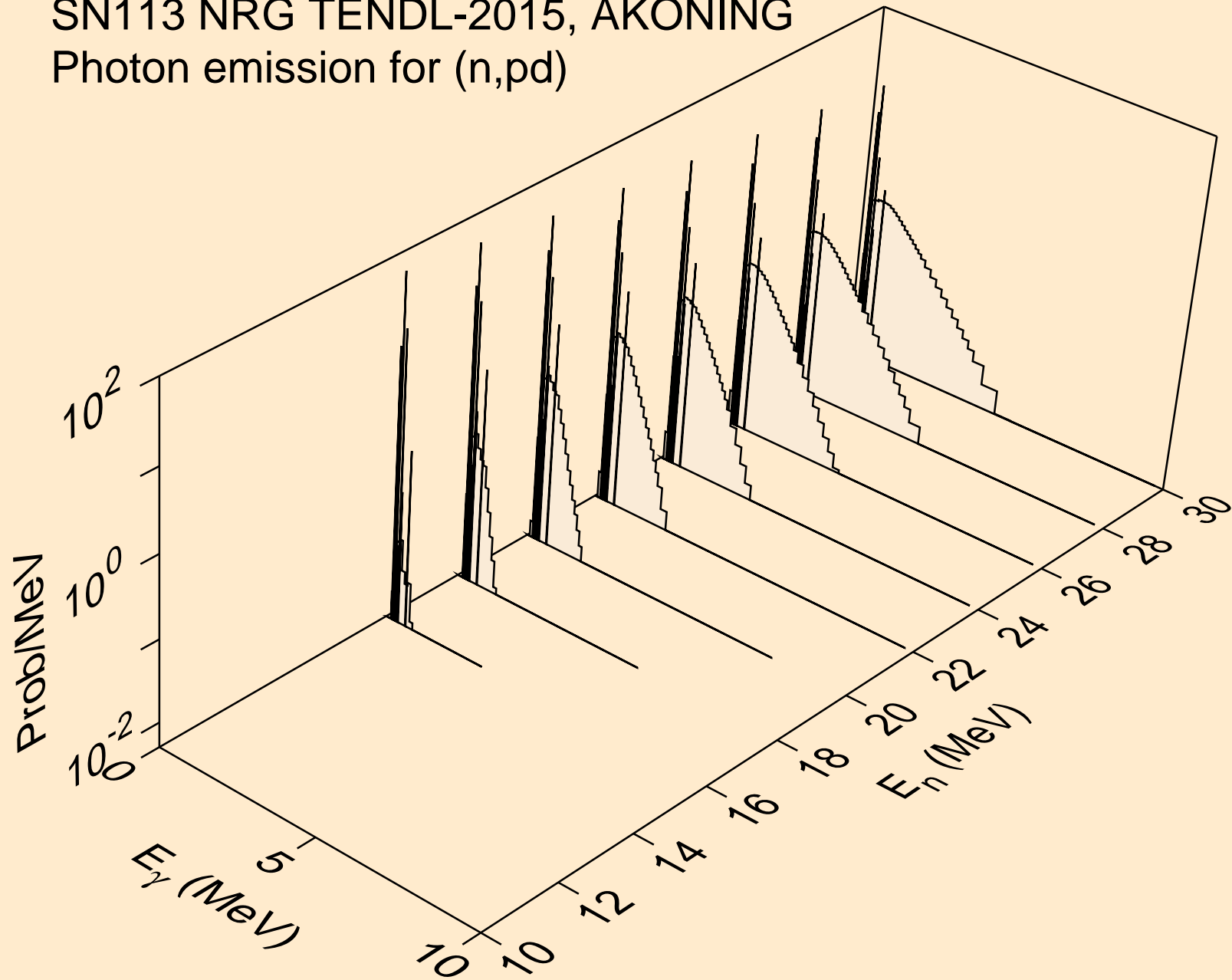
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

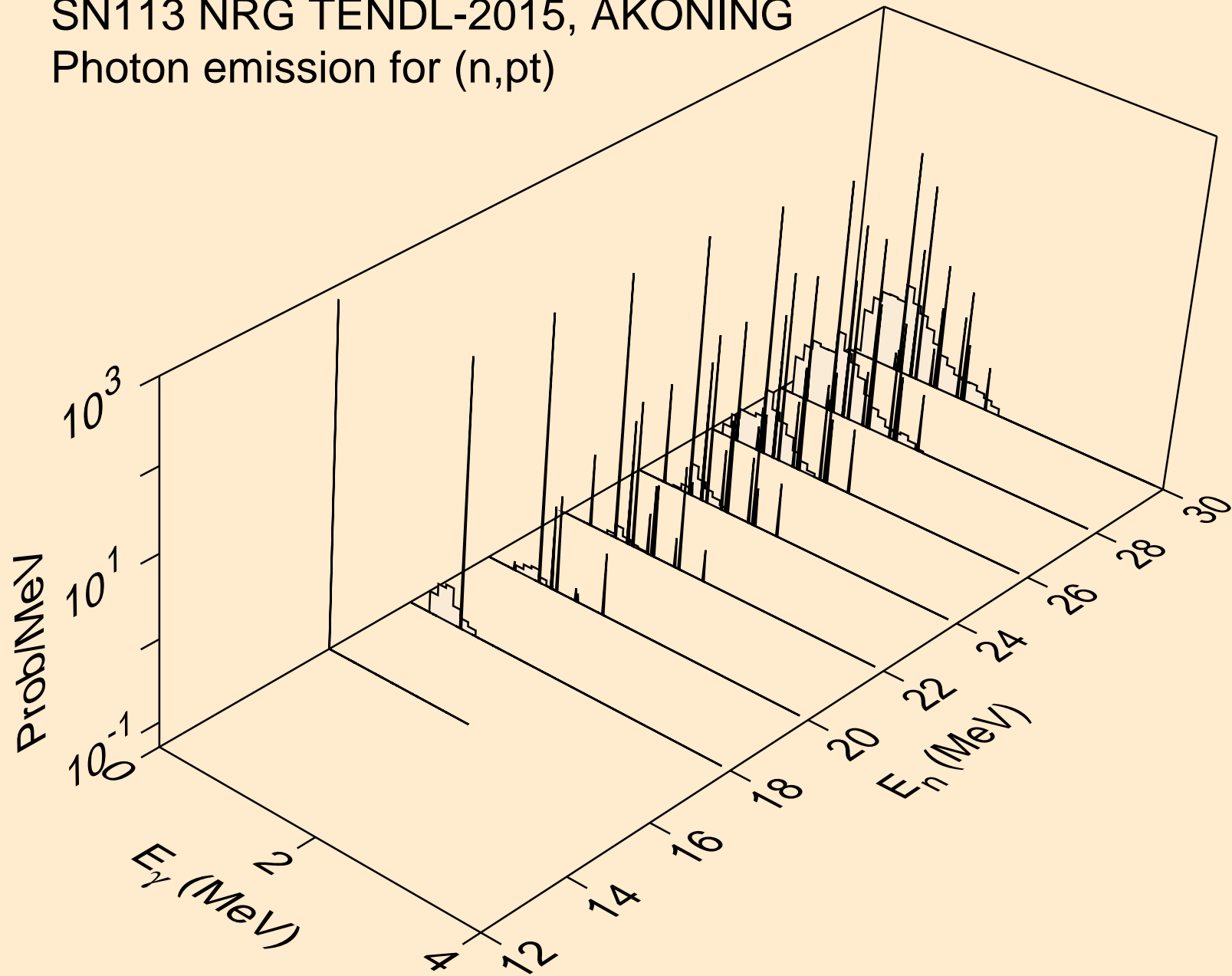


SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

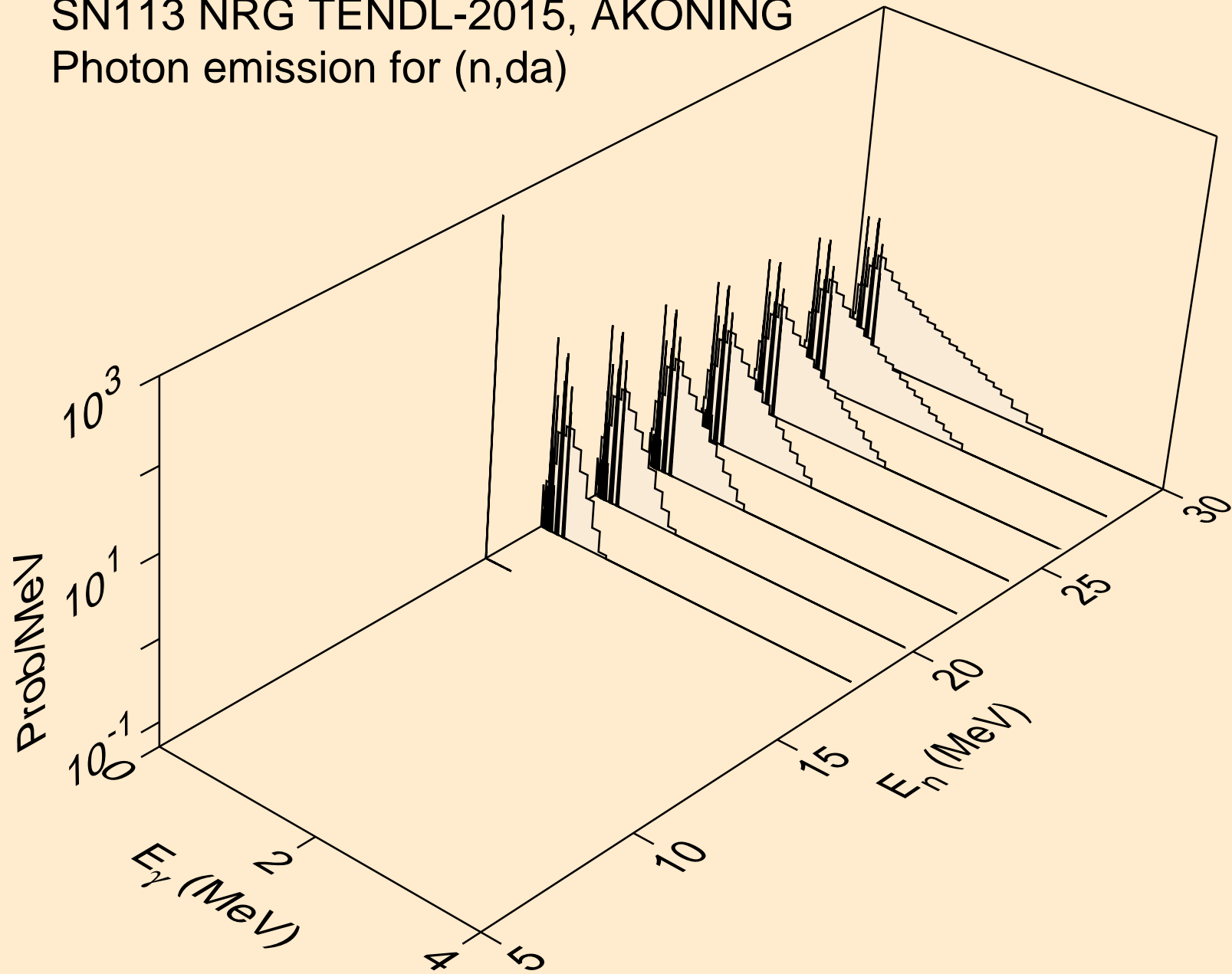




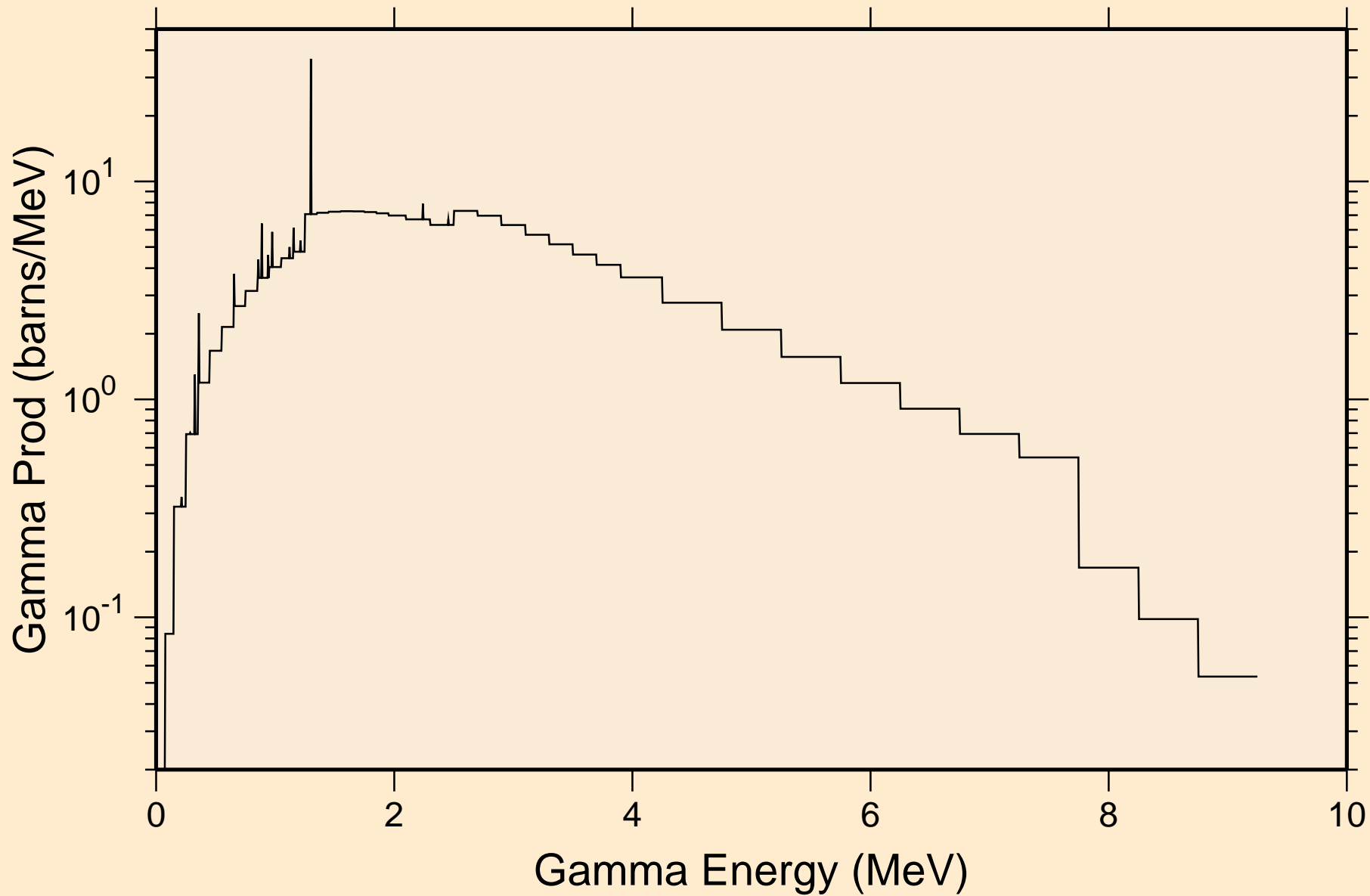
SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,pt)



SN113 NRG TENDL-2015, AKONING  
Photon emission for (n,da)

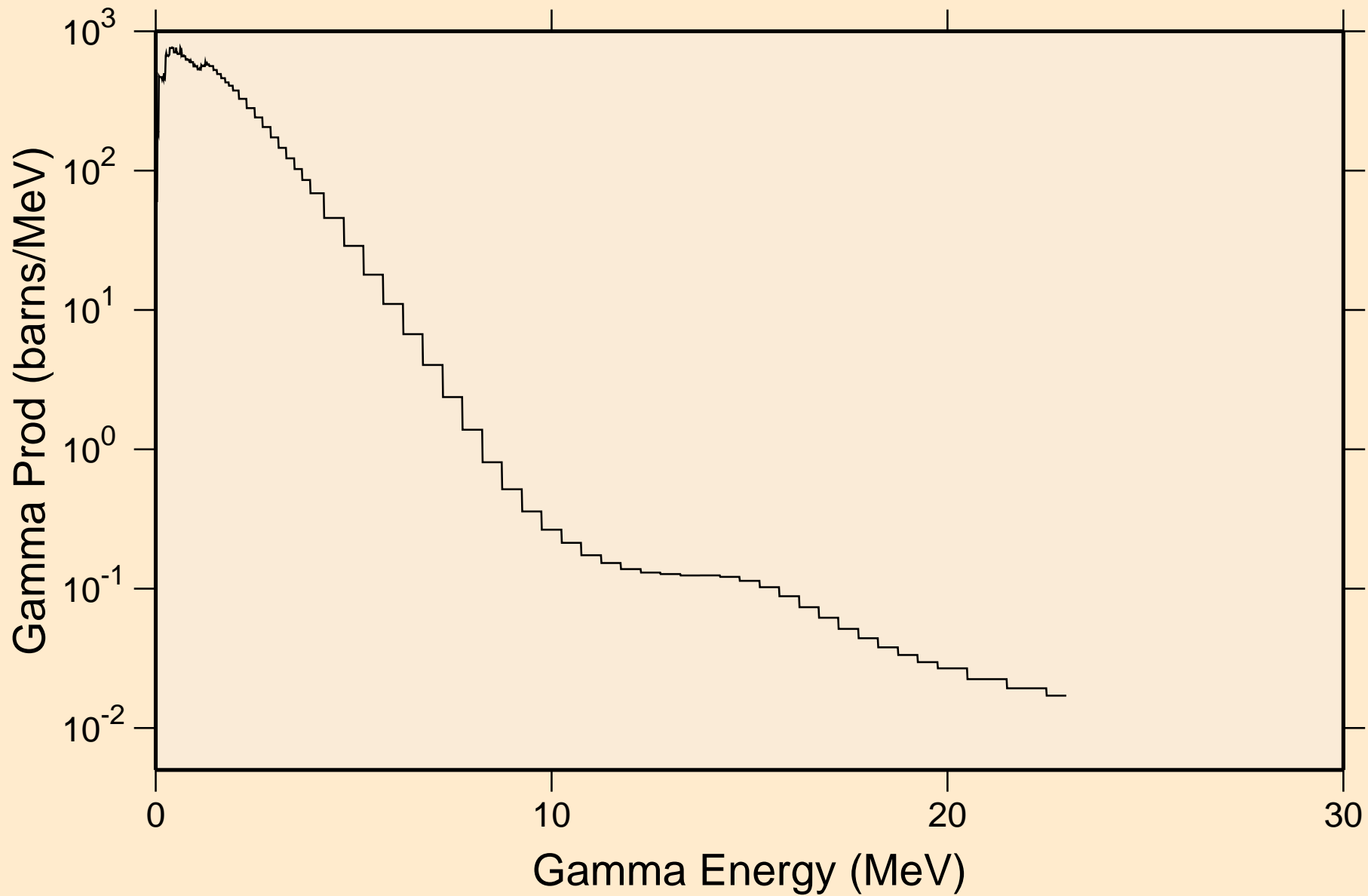


SN113 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



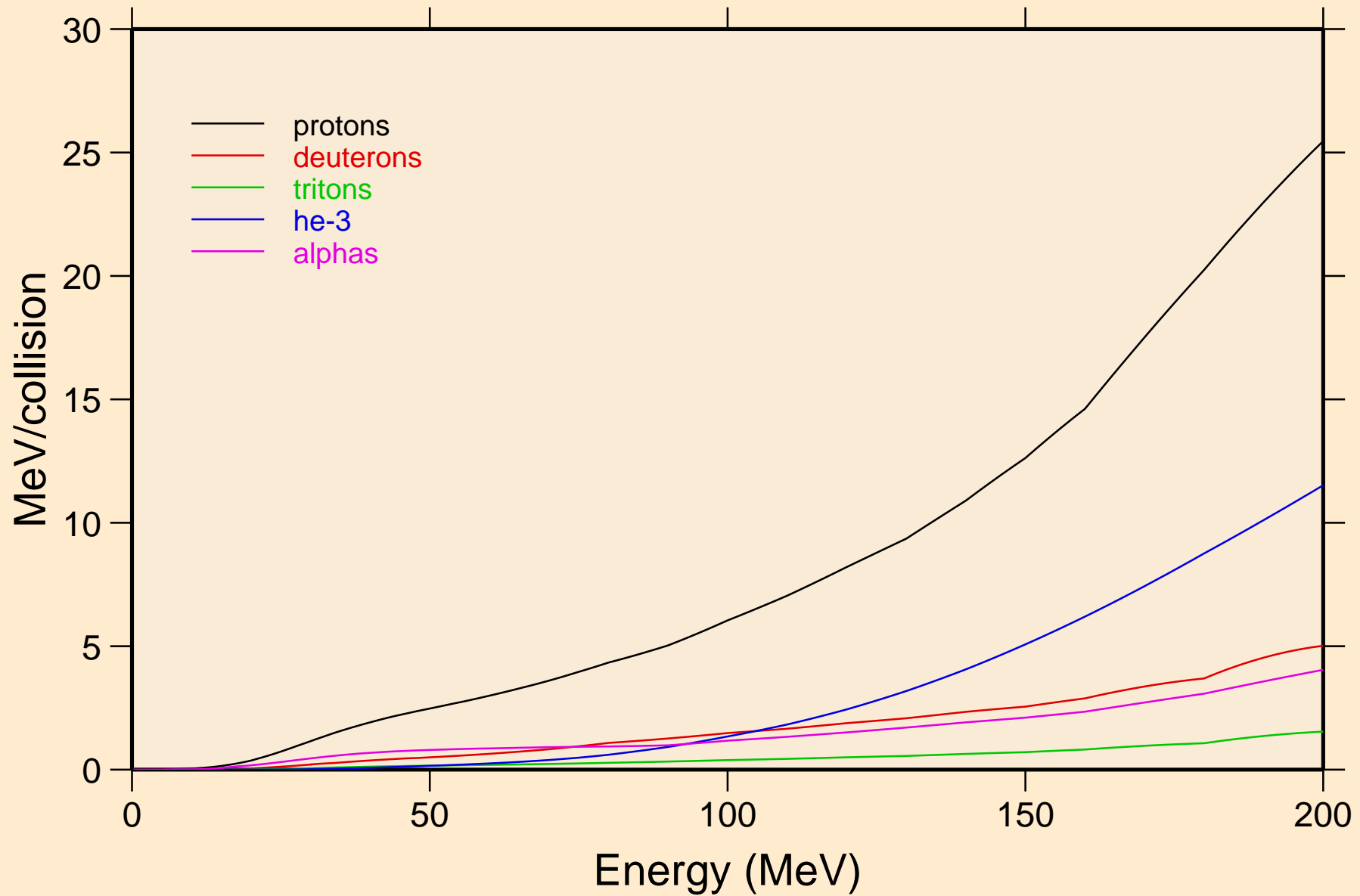
# SN113 NRG TENDL-2015, AKONING

## 14 MeV photon spectrum



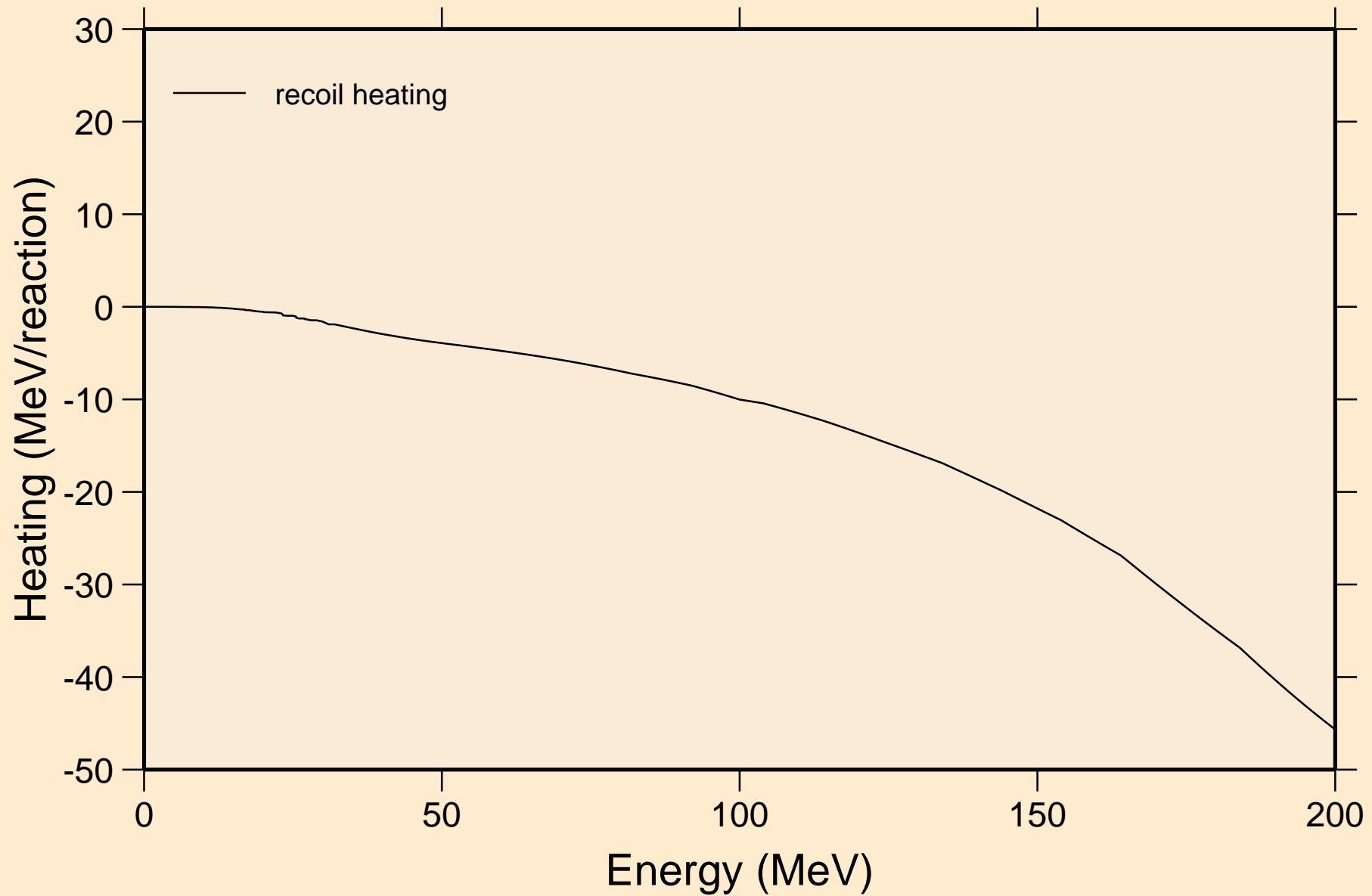
# SN113 NRG TENDL-2015, AKONING

## Particle heating contributions



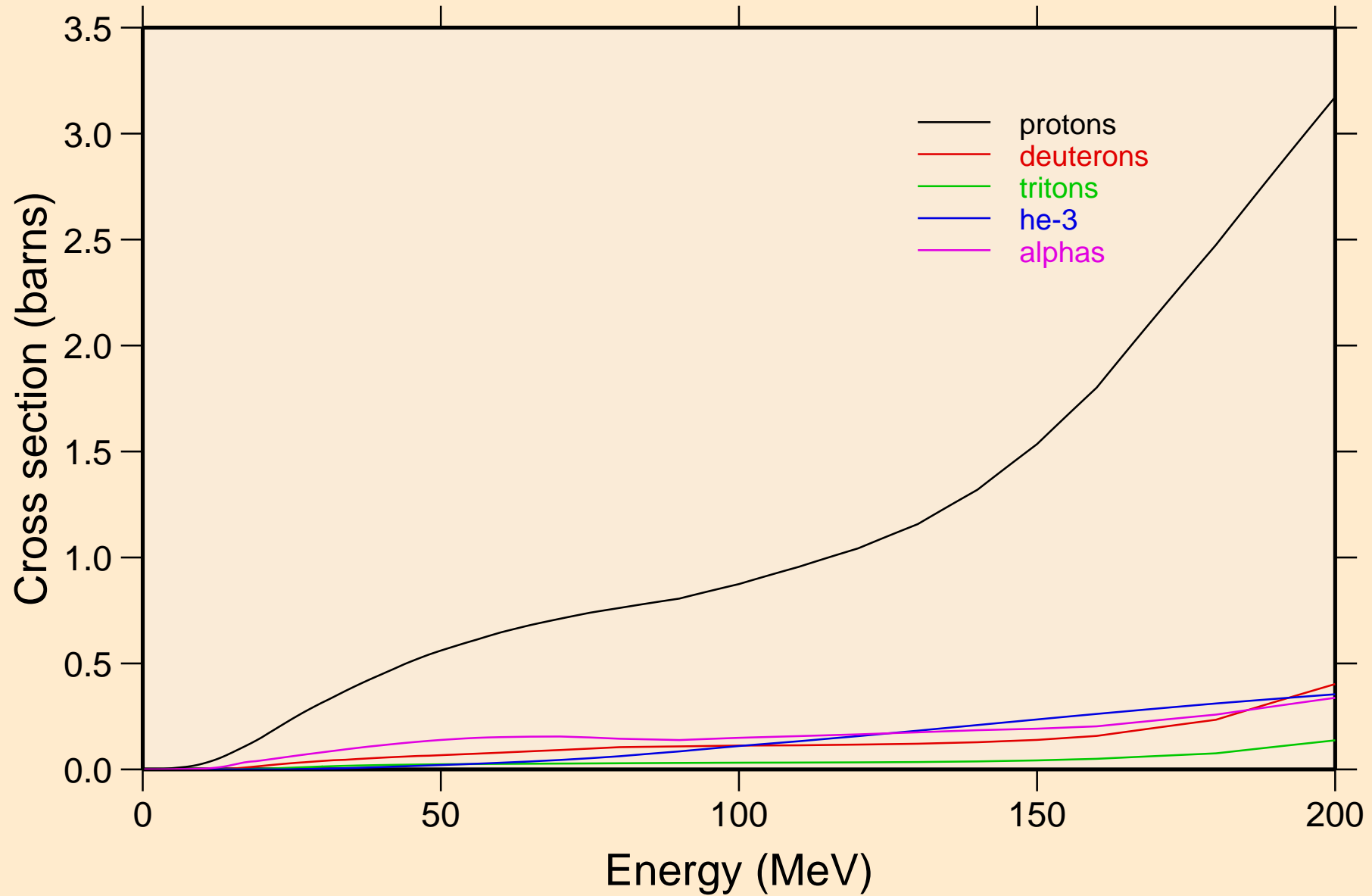
# SN113 NRG TENDL-2015, AKONING

## Recoil Heating

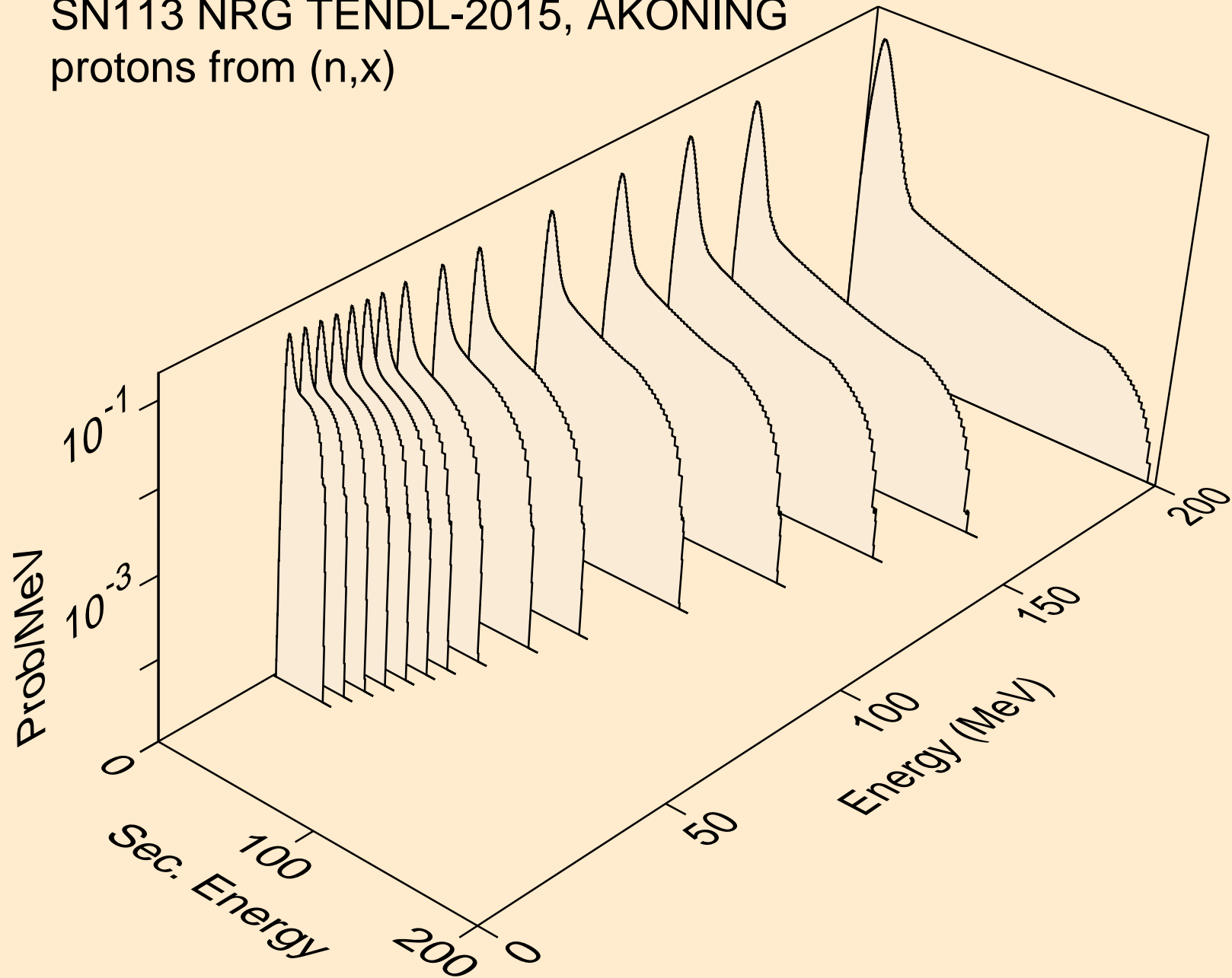


# SN113 NRG TENDL-2015, AKONING

## Particle production cross sections

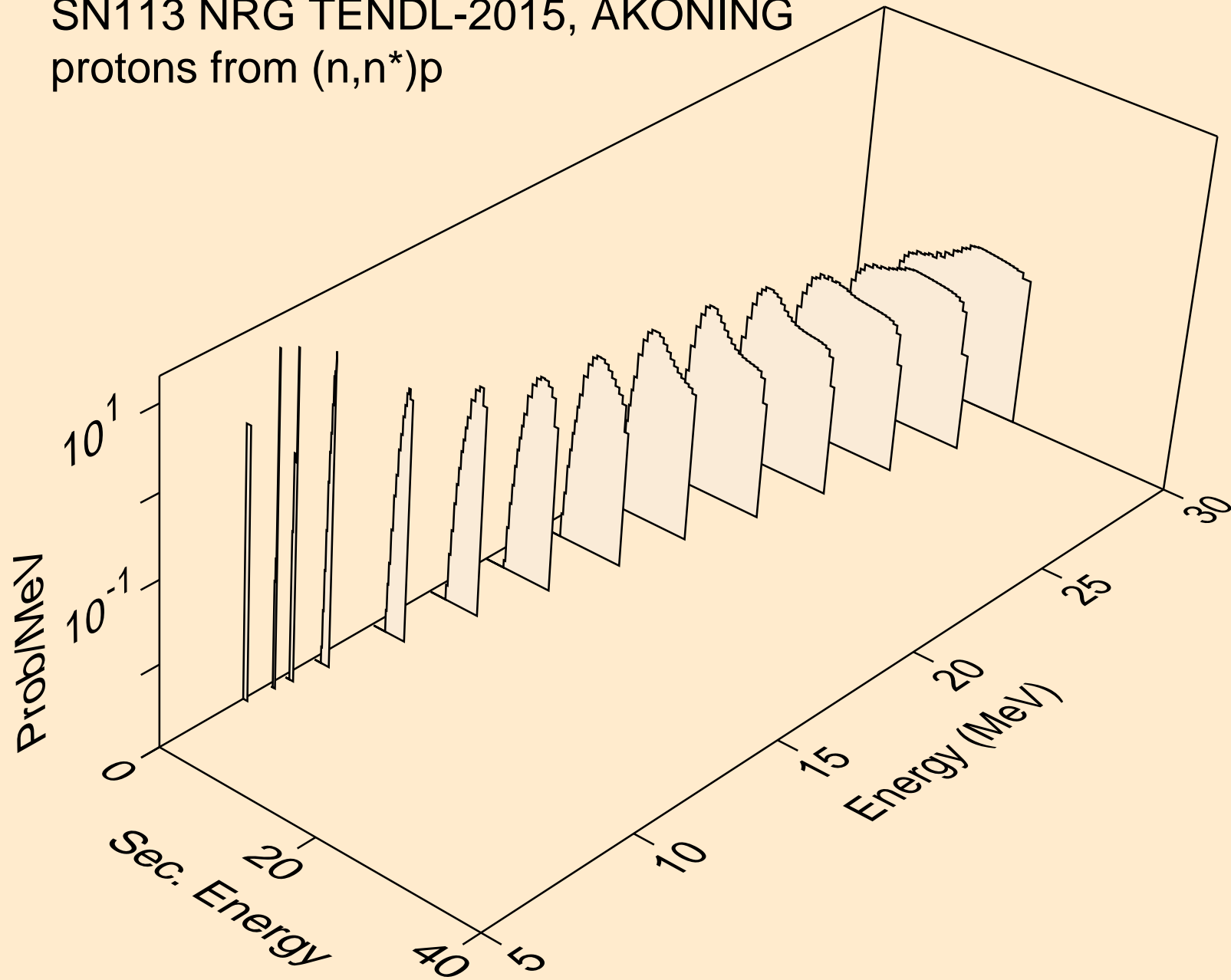


SN113 NRG TENDL-2015, AKONING  
protons from (n,x)

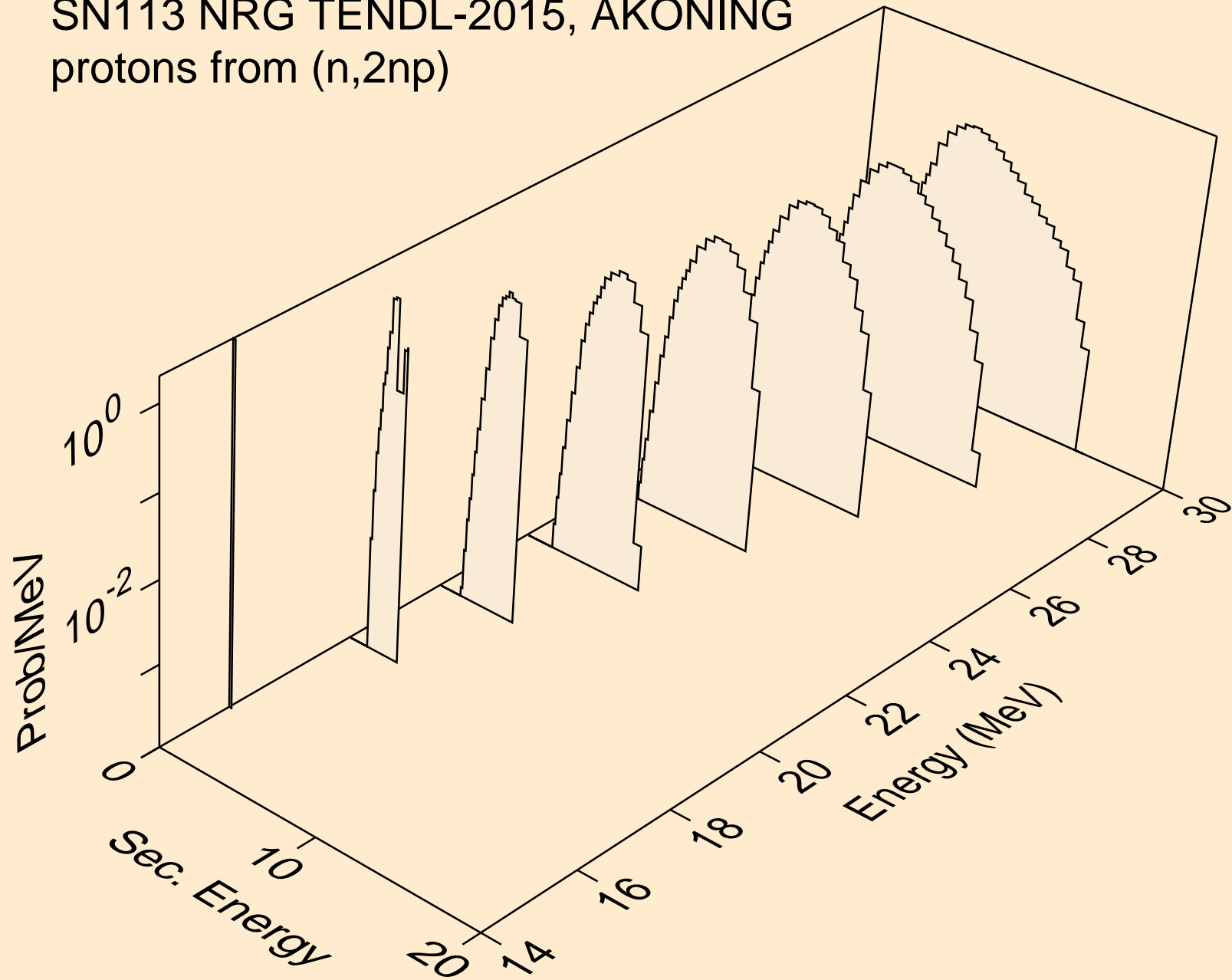




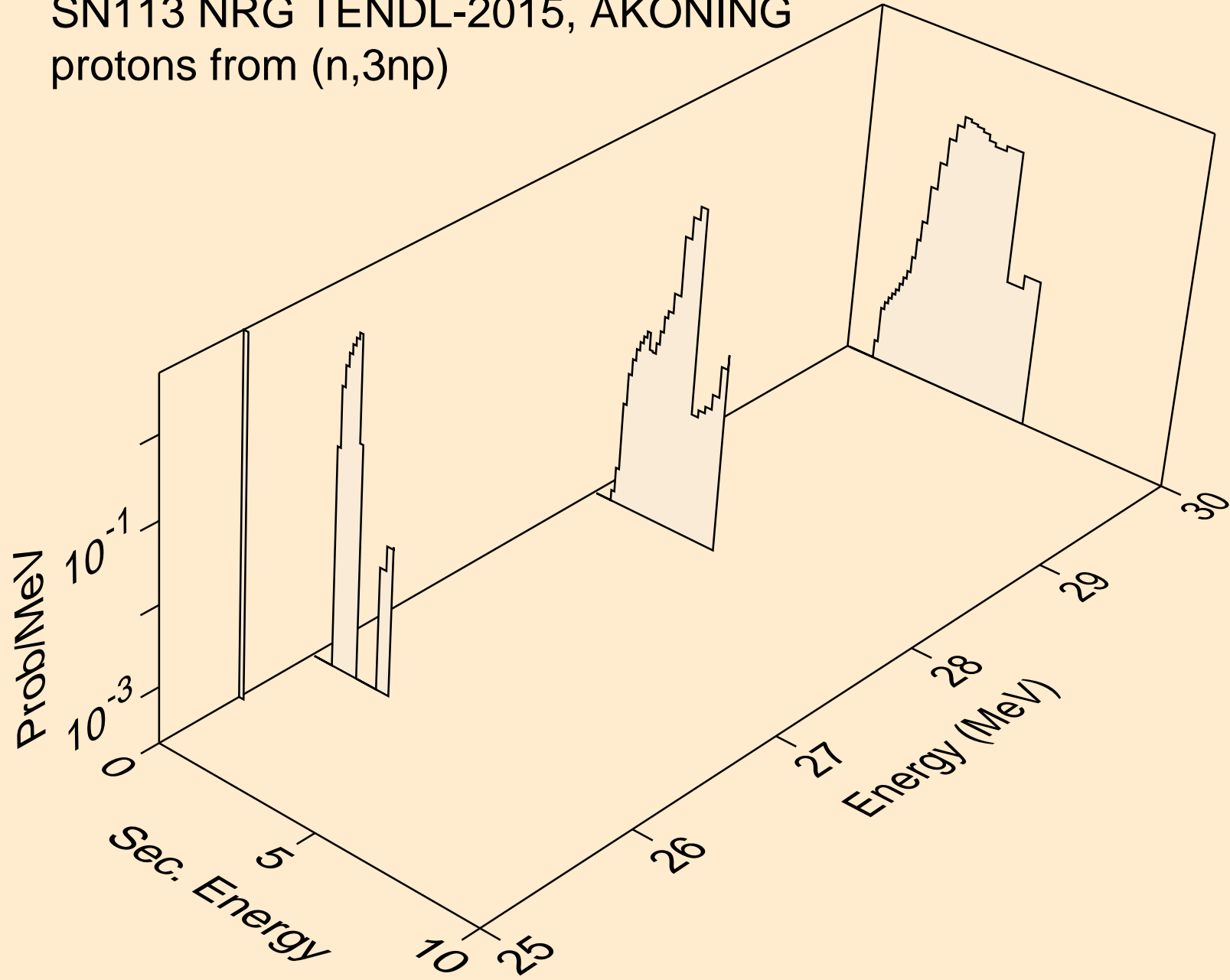
SN113 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



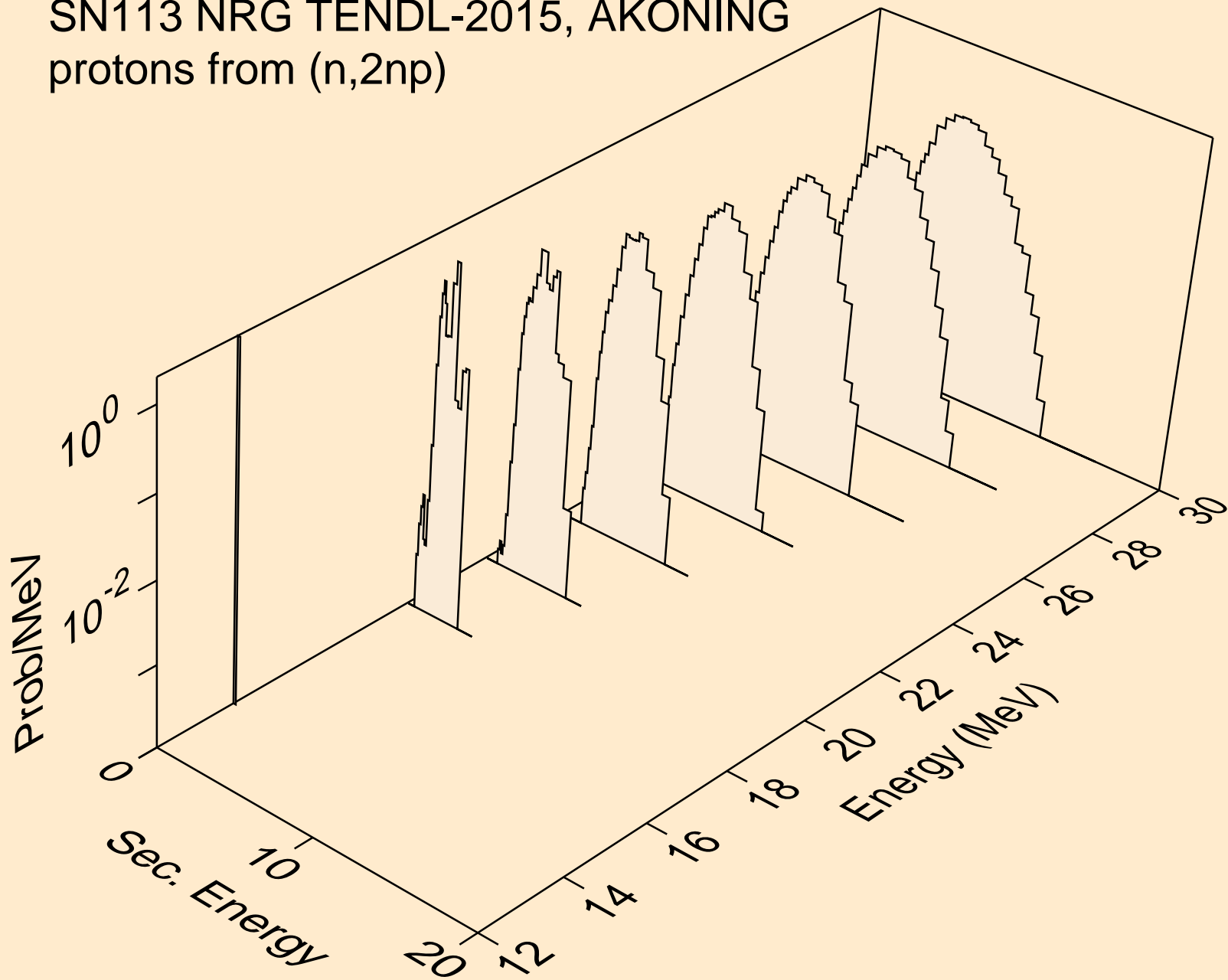
SN113 NRG TENDL-2015, AKONING  
protons from (n,2np)



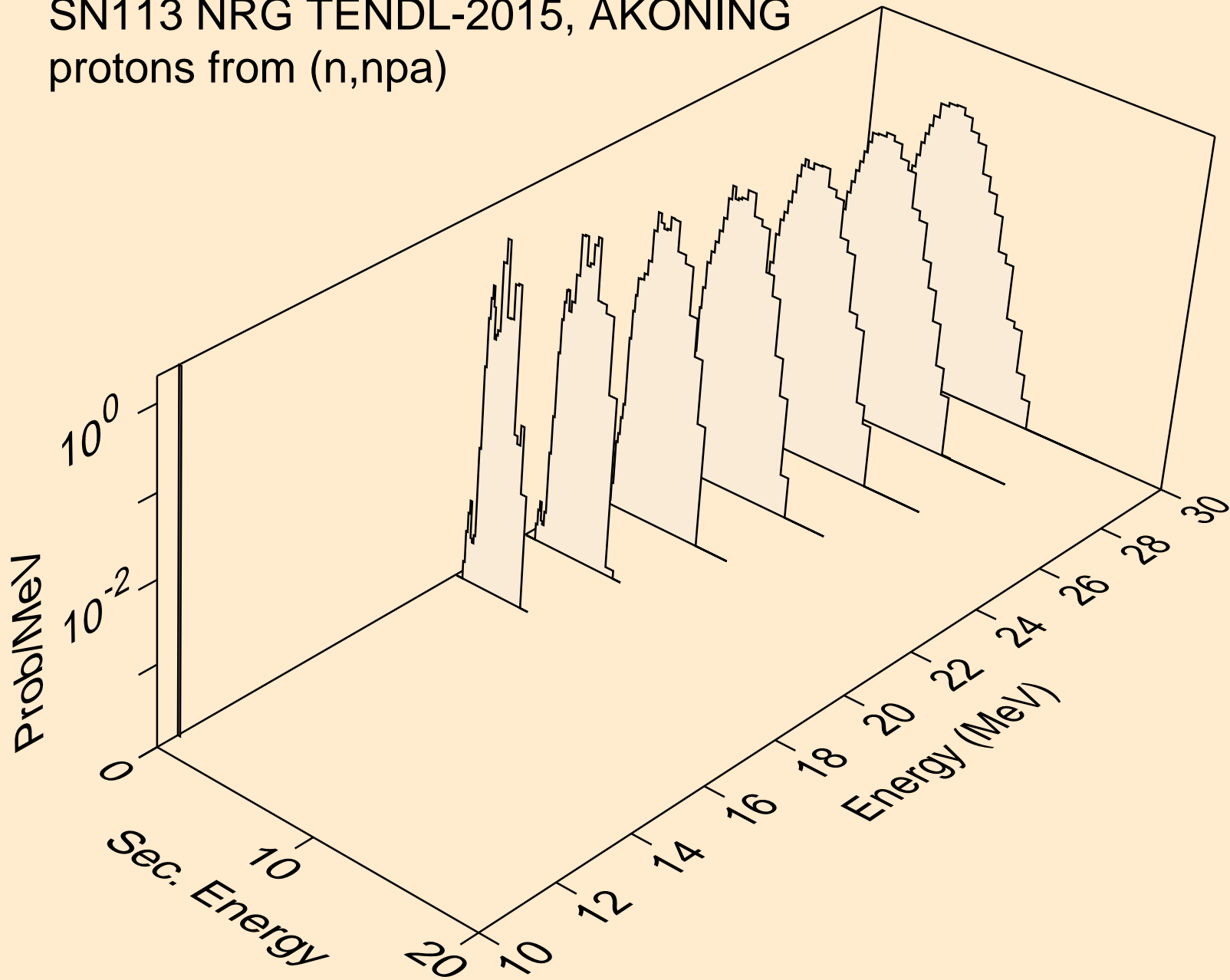
SN113 NRG TENDL-2015, AKONING  
protons from (n,3np)



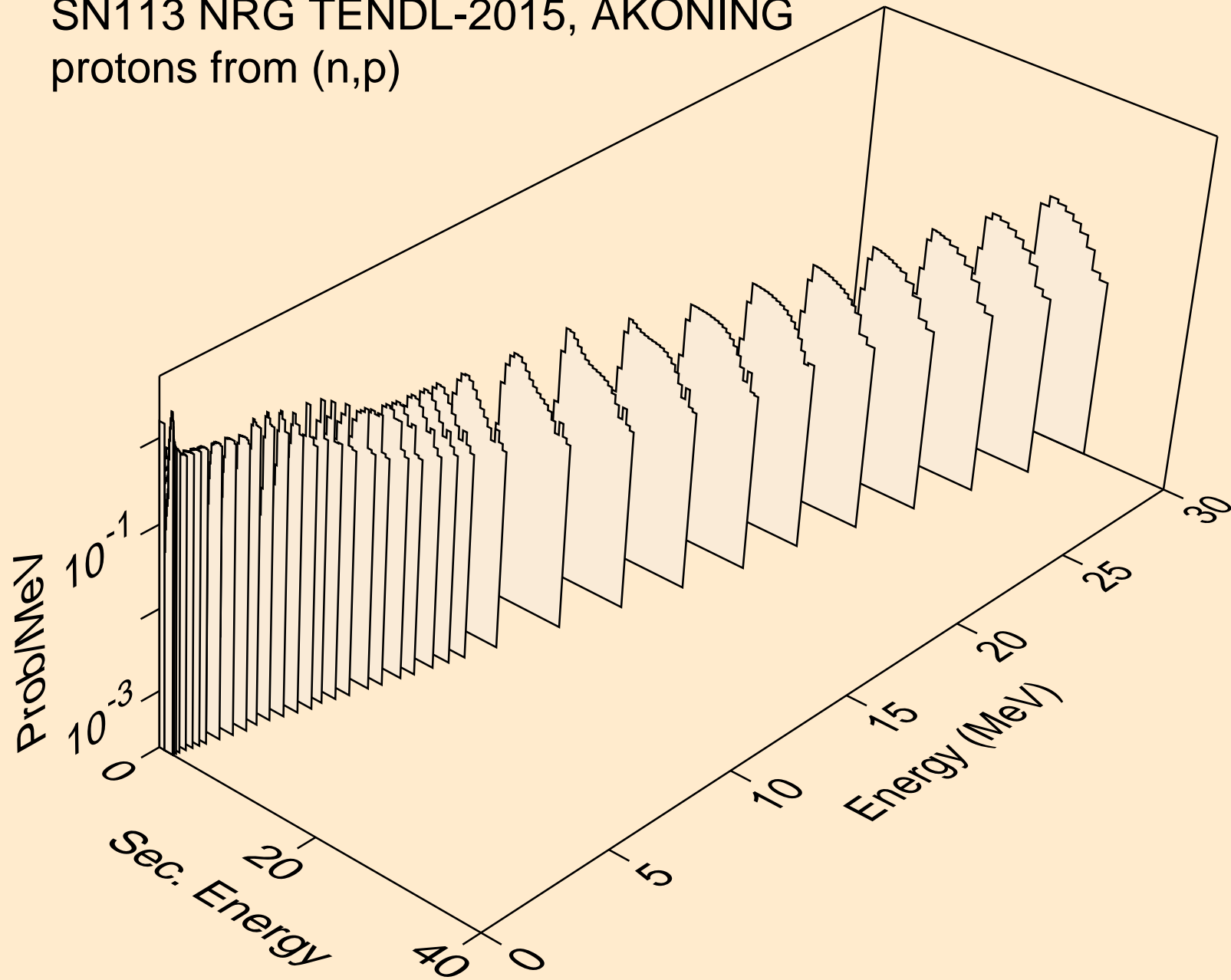
SN113 NRG TENDL-2015, AKONING  
protons from (n,2np)



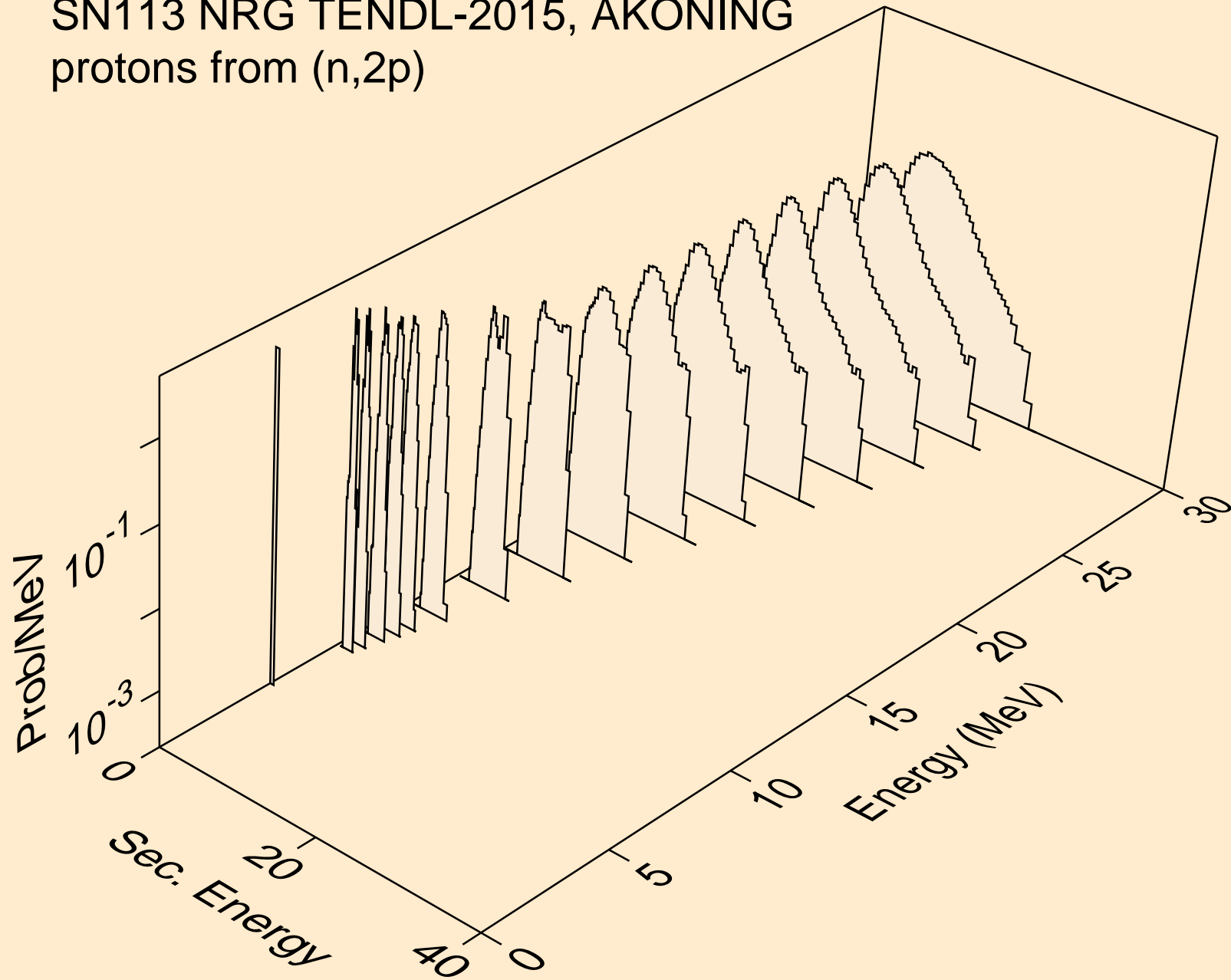
SN113 NRG TENDL-2015, AKONING  
protons from (n,npa)



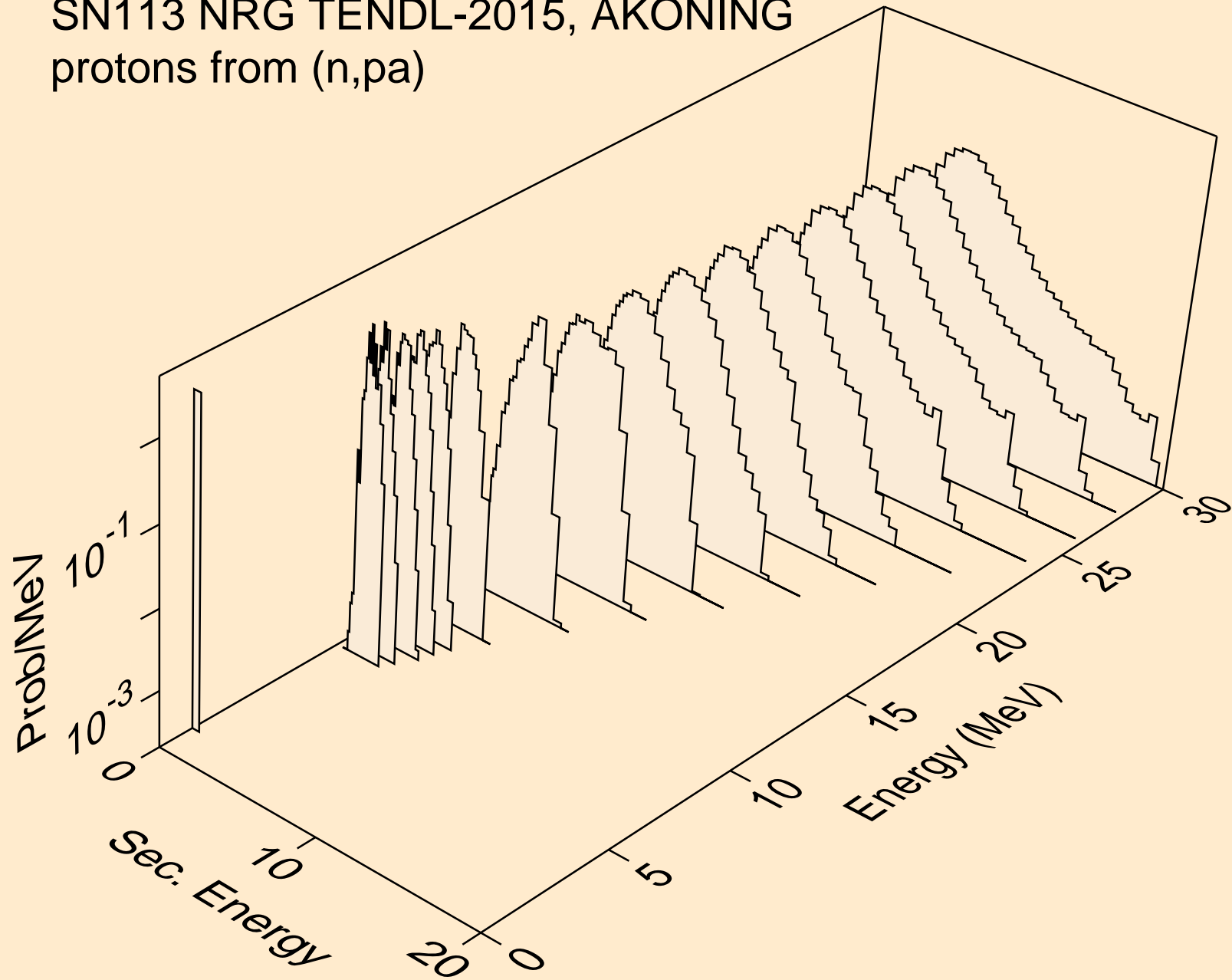
SN113 NRG TENDL-2015, AKONING  
protons from (n,p)



SN113 NRG TENDL-2015, AKONING  
protons from (n,2p)

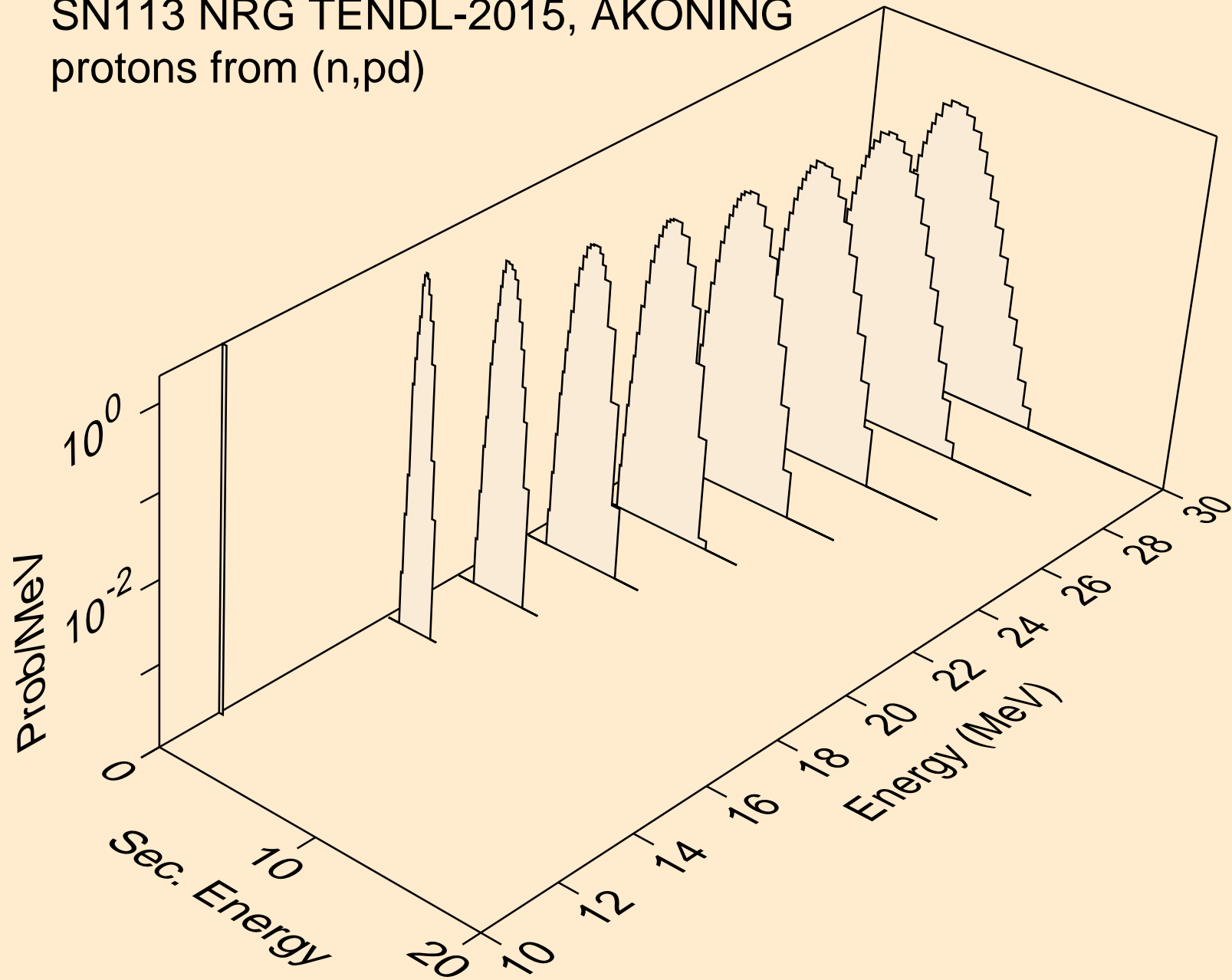


SN113 NRG TENDL-2015, AKONING  
protons from (n,pa)

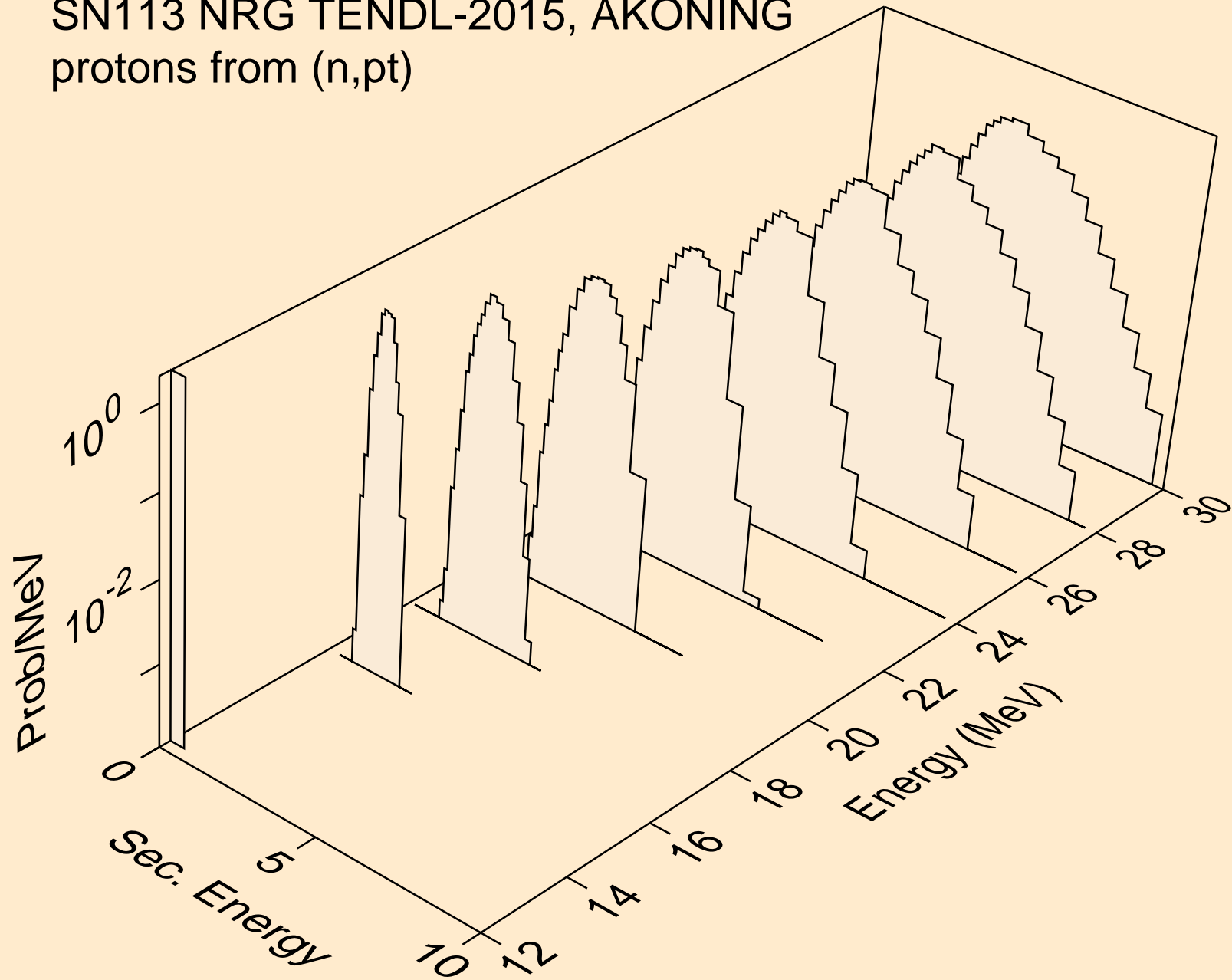




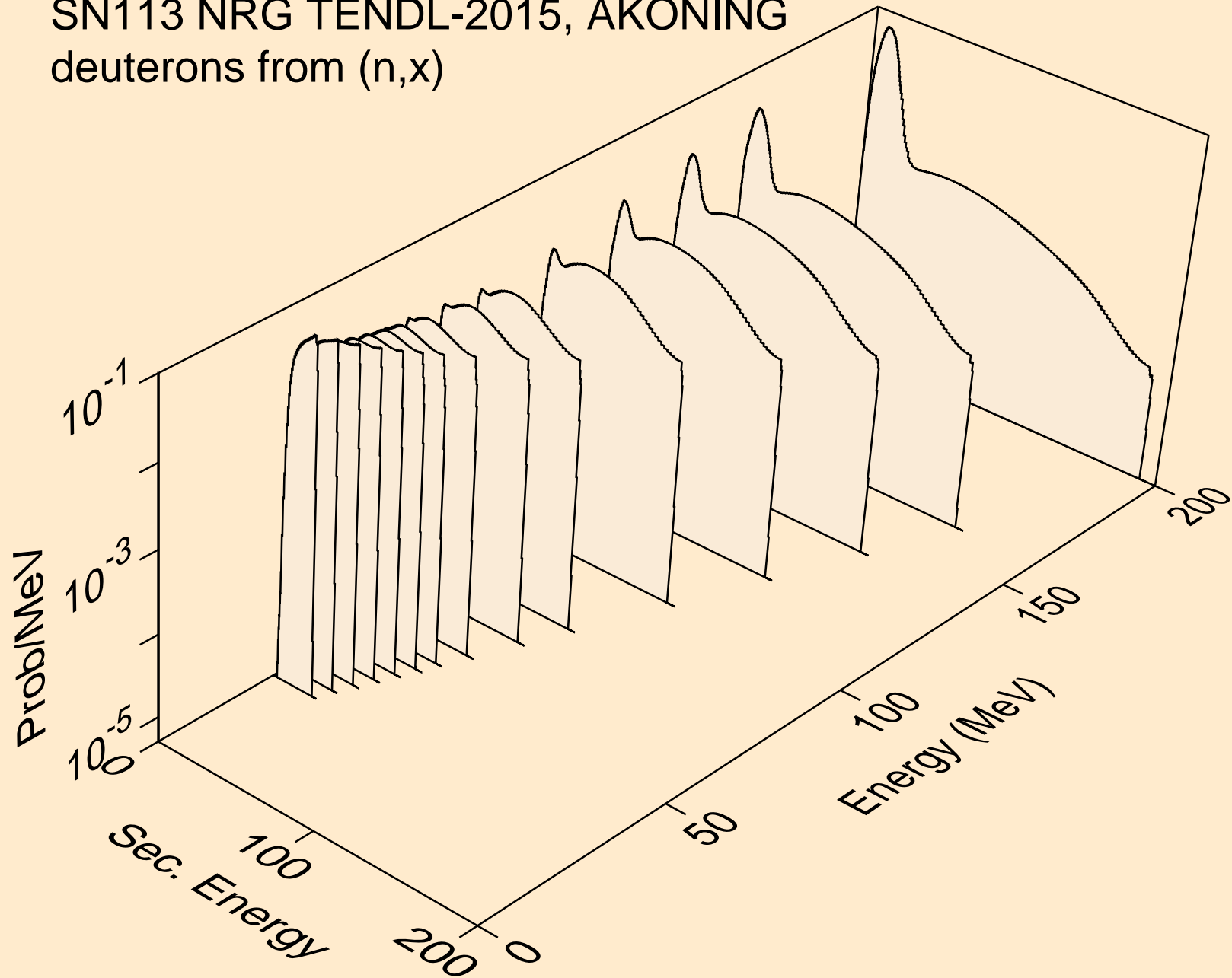
SN113 NRG TENDL-2015, AKONING  
protons from (n,pd)



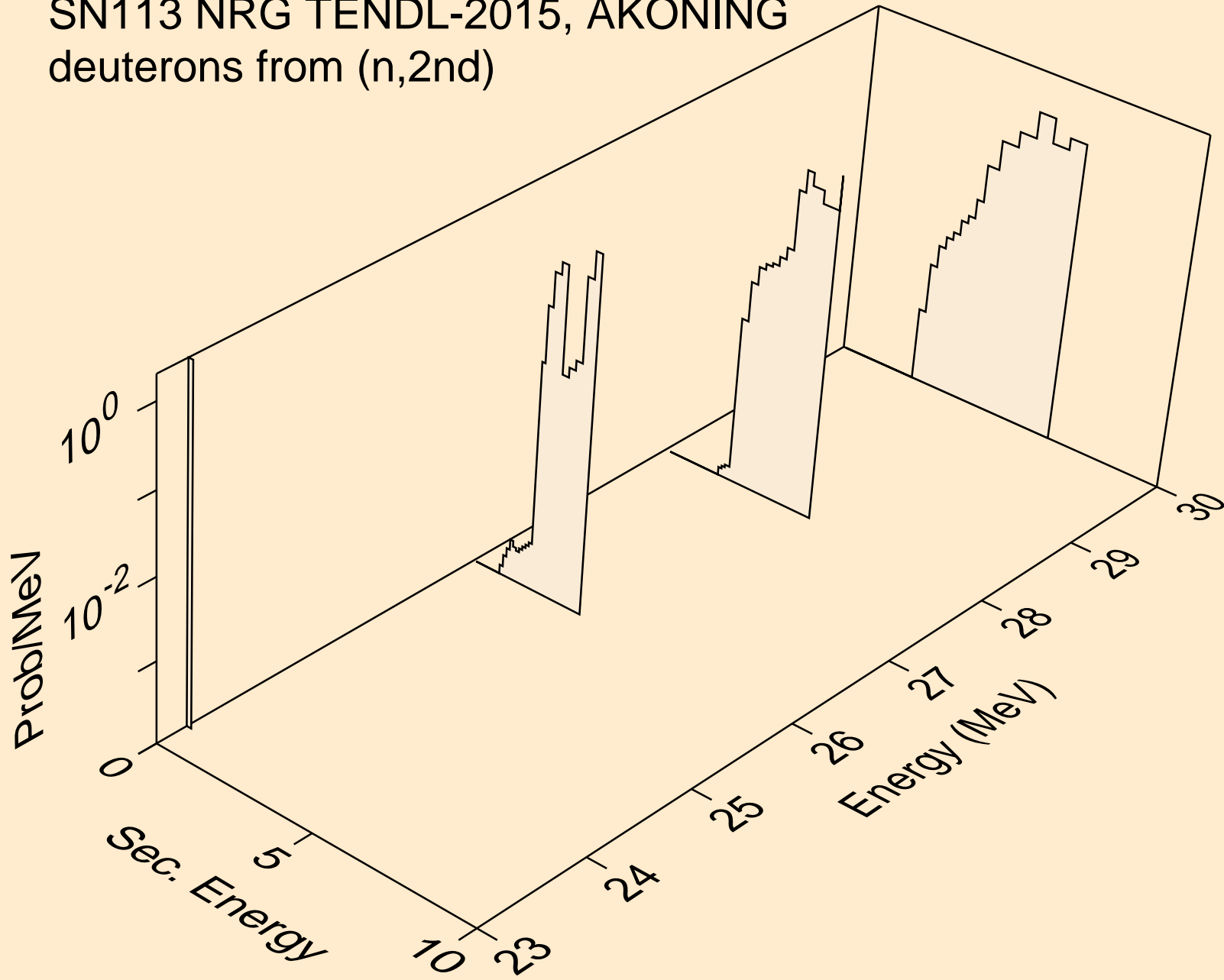
SN113 NRG TENDL-2015, AKONING  
protons from (n,pt)



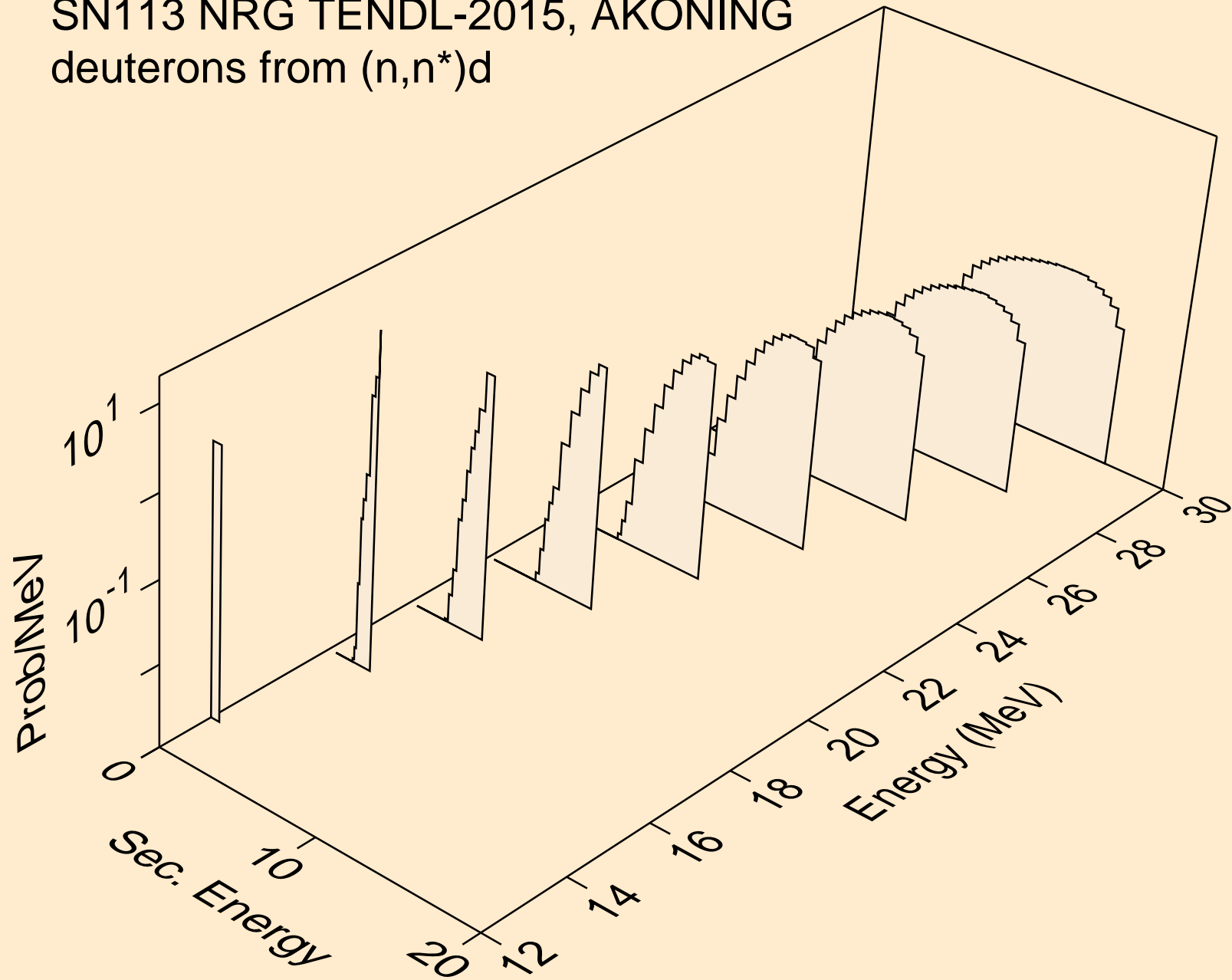
SN113 NRG TENDL-2015, AKONING  
deuterons from (n,x)



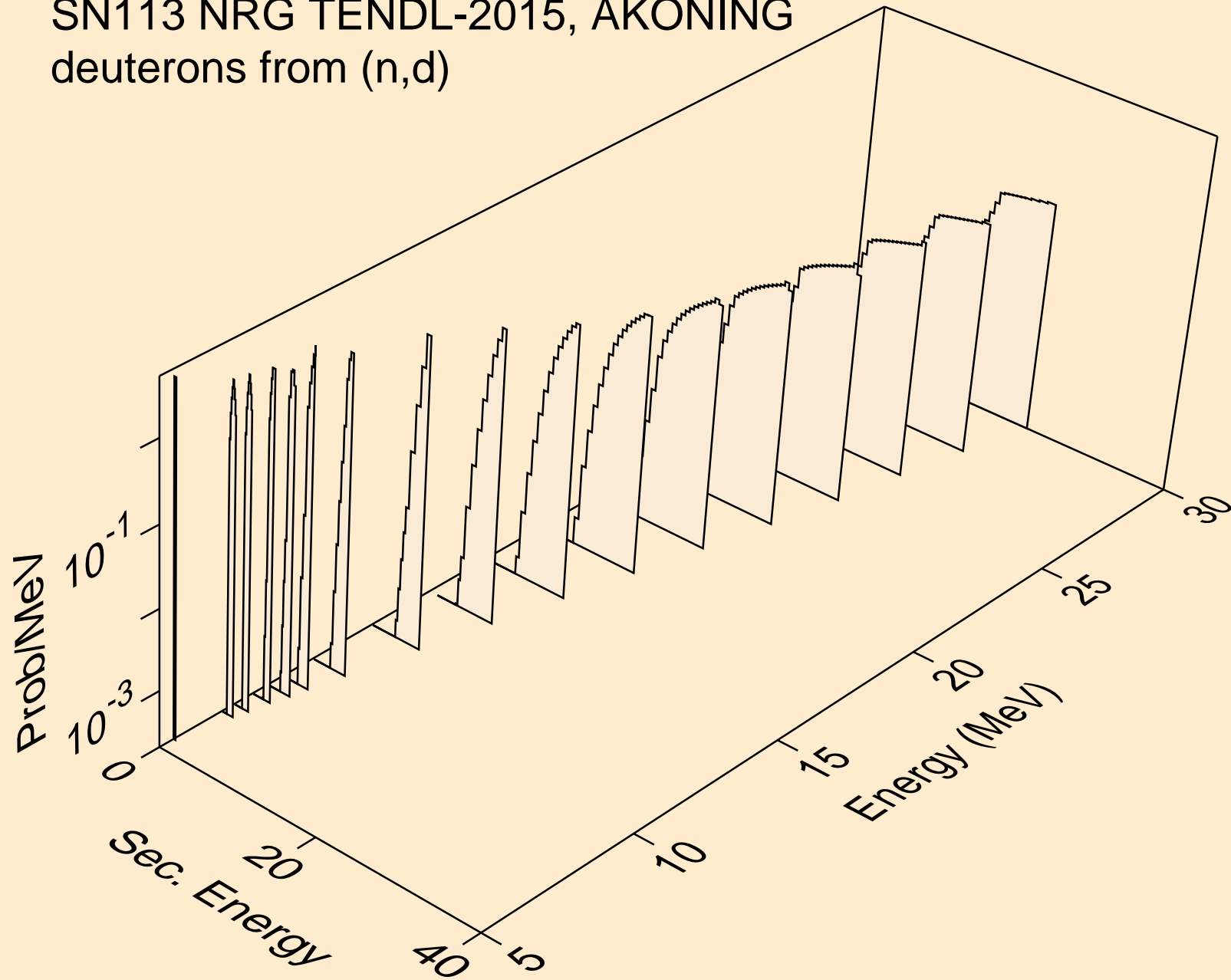
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deuterons from (n,2nd)



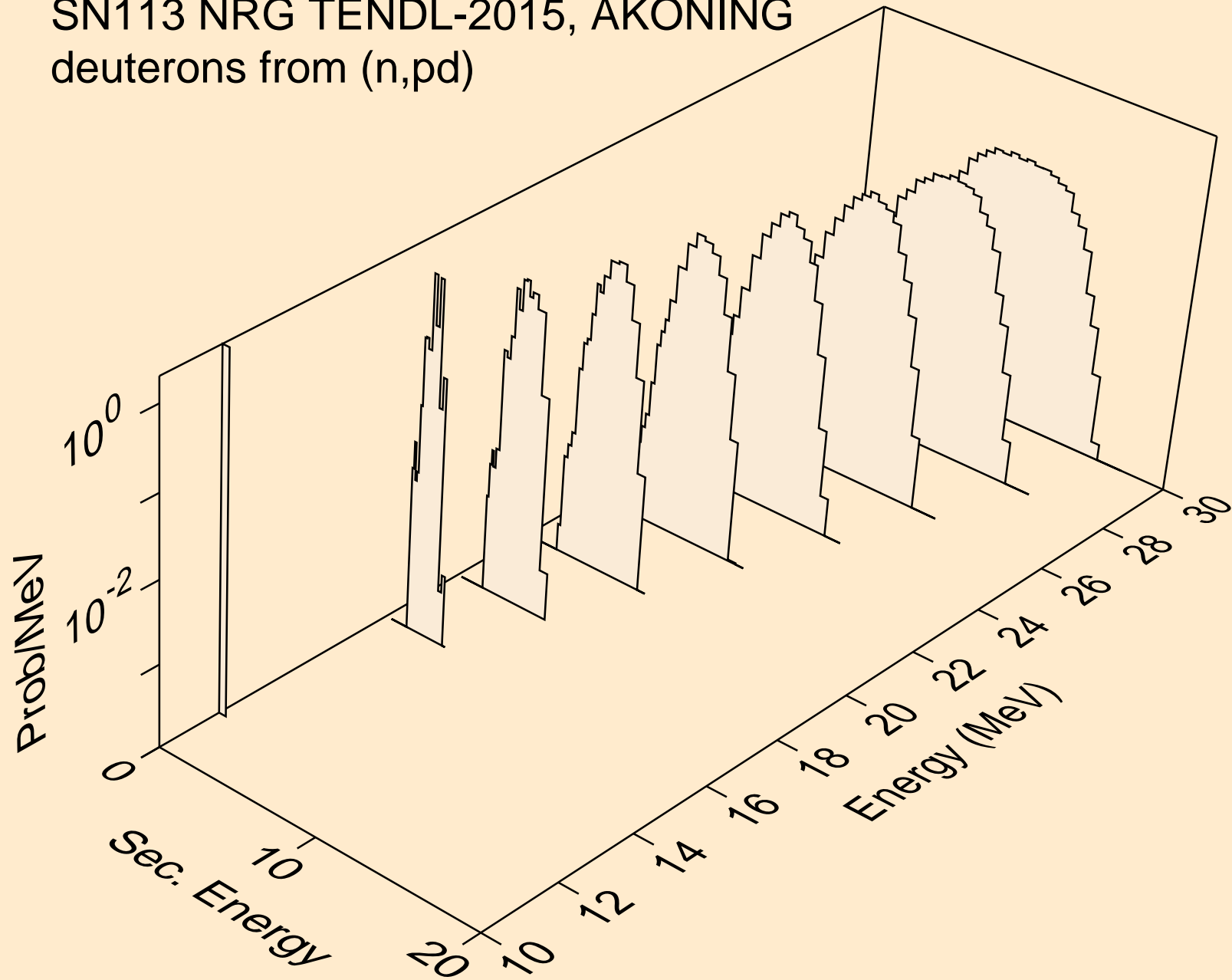
SN113 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



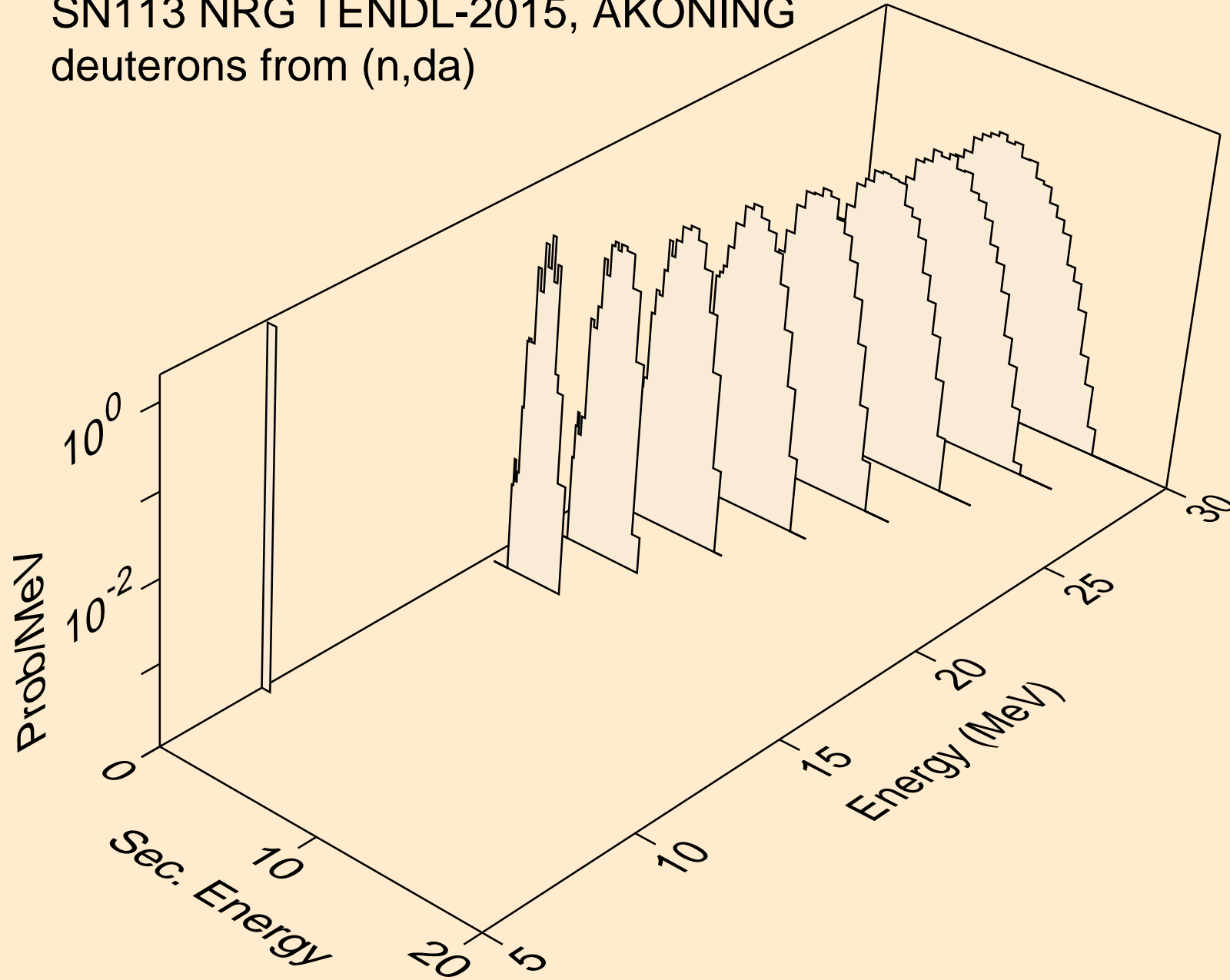
SN113 NRG TENDL-2015, AKONING  
deuterons from (n,d)



SN113 NRG TENDL-2015, AKONING  
deuterons from (n,pd)

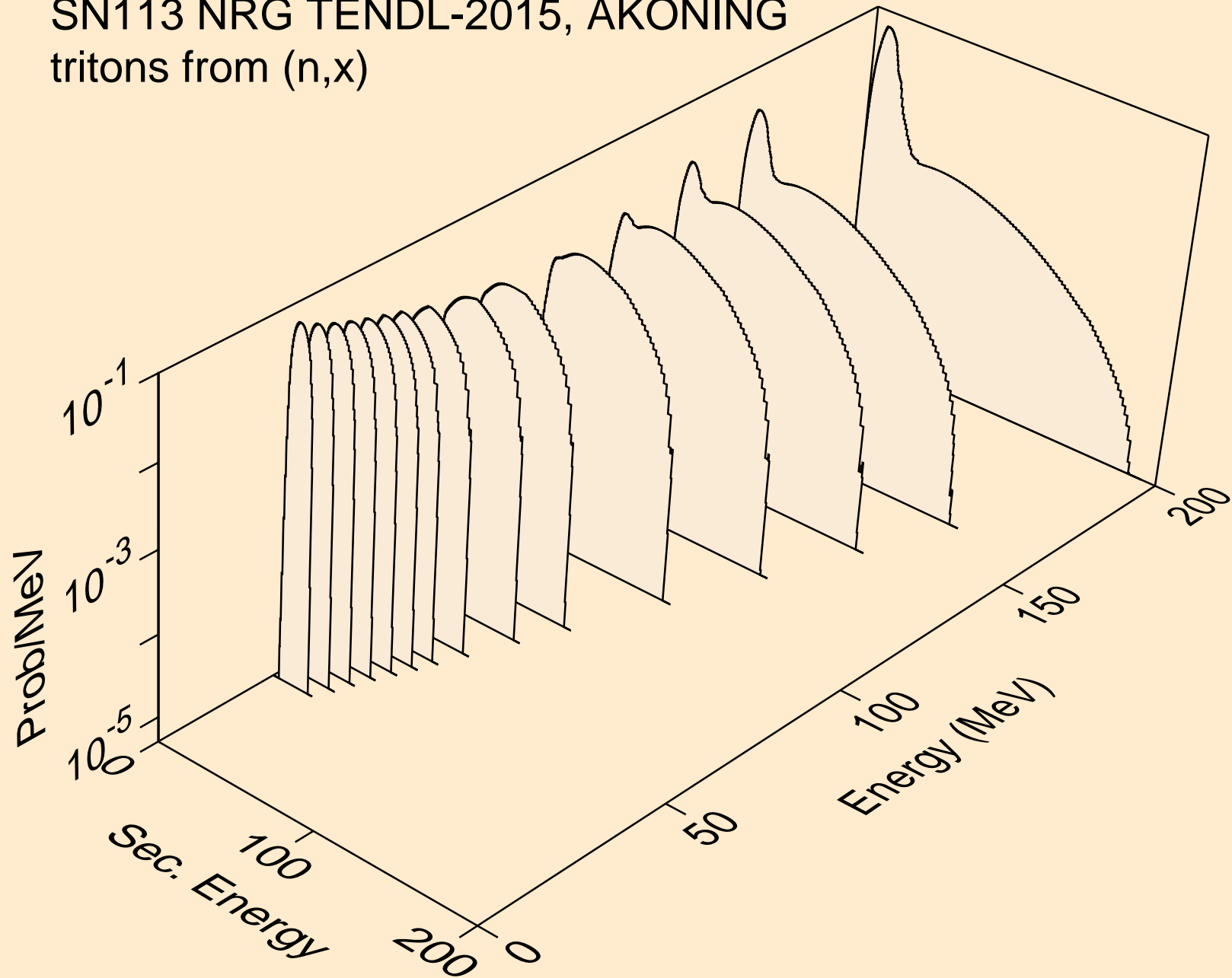


SN113 NRG TENDL-2015, AKONING  
deuterons from (n,da)

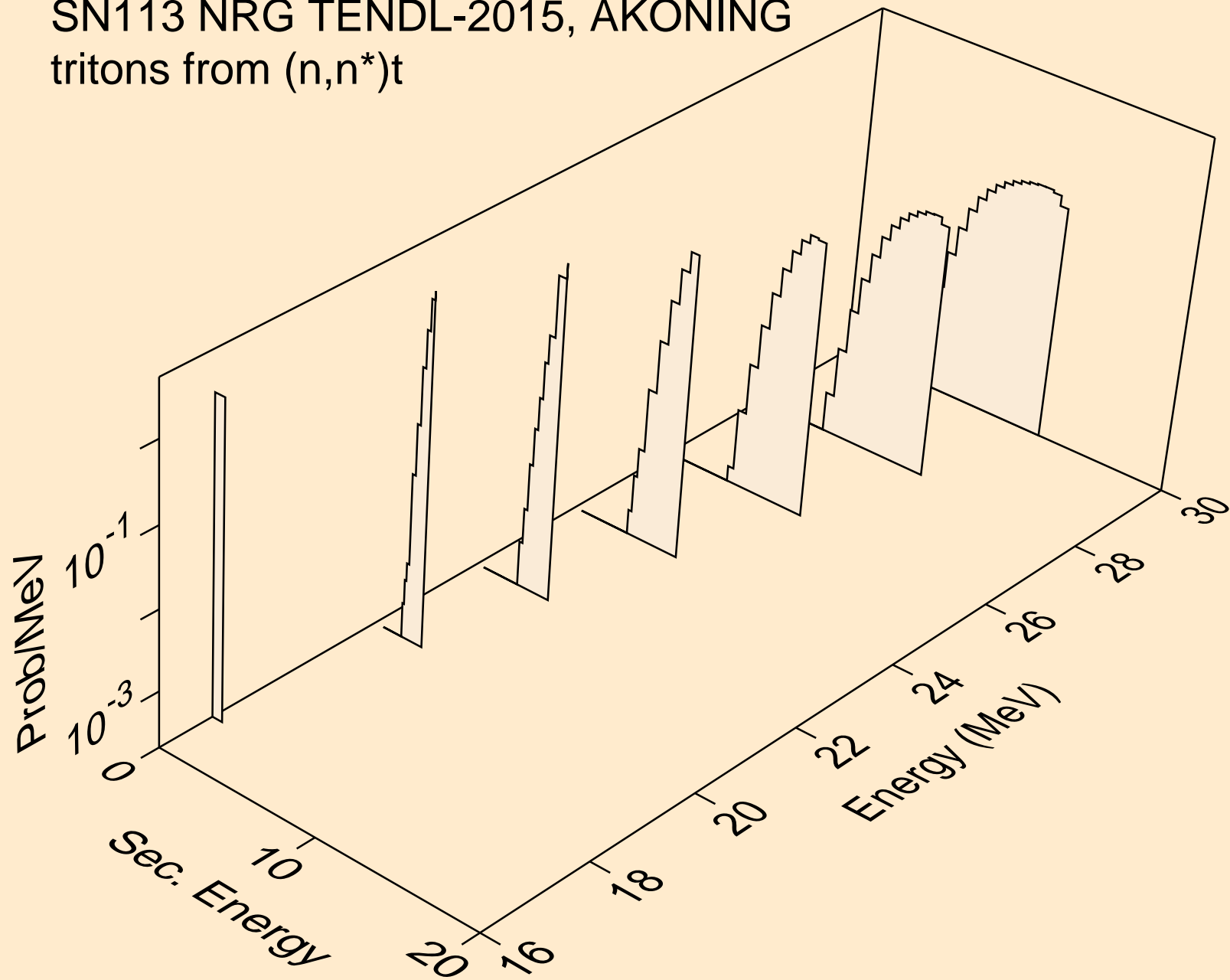




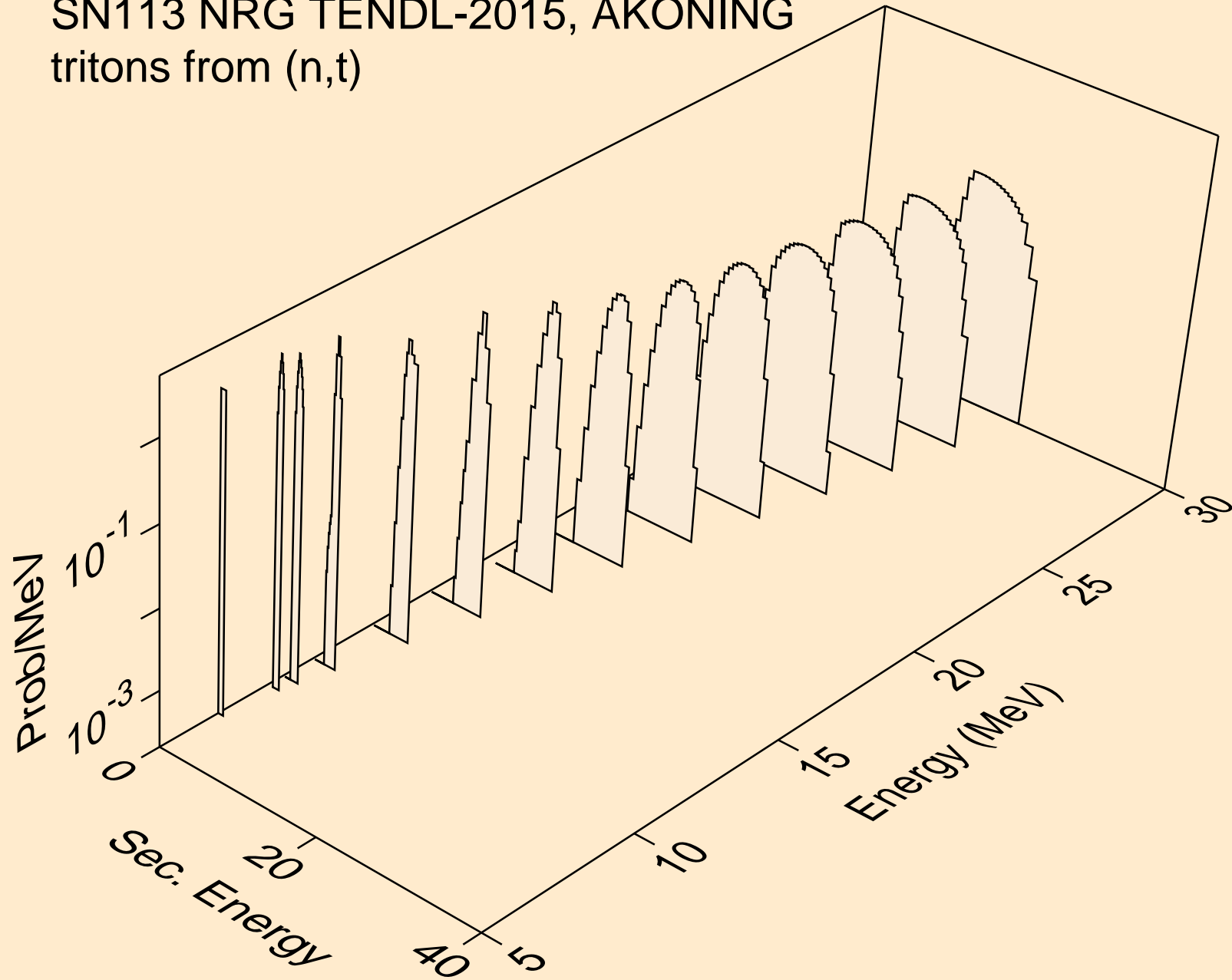
SN113 NRG TENDL-2015, AKONING  
tritons from (n,x)



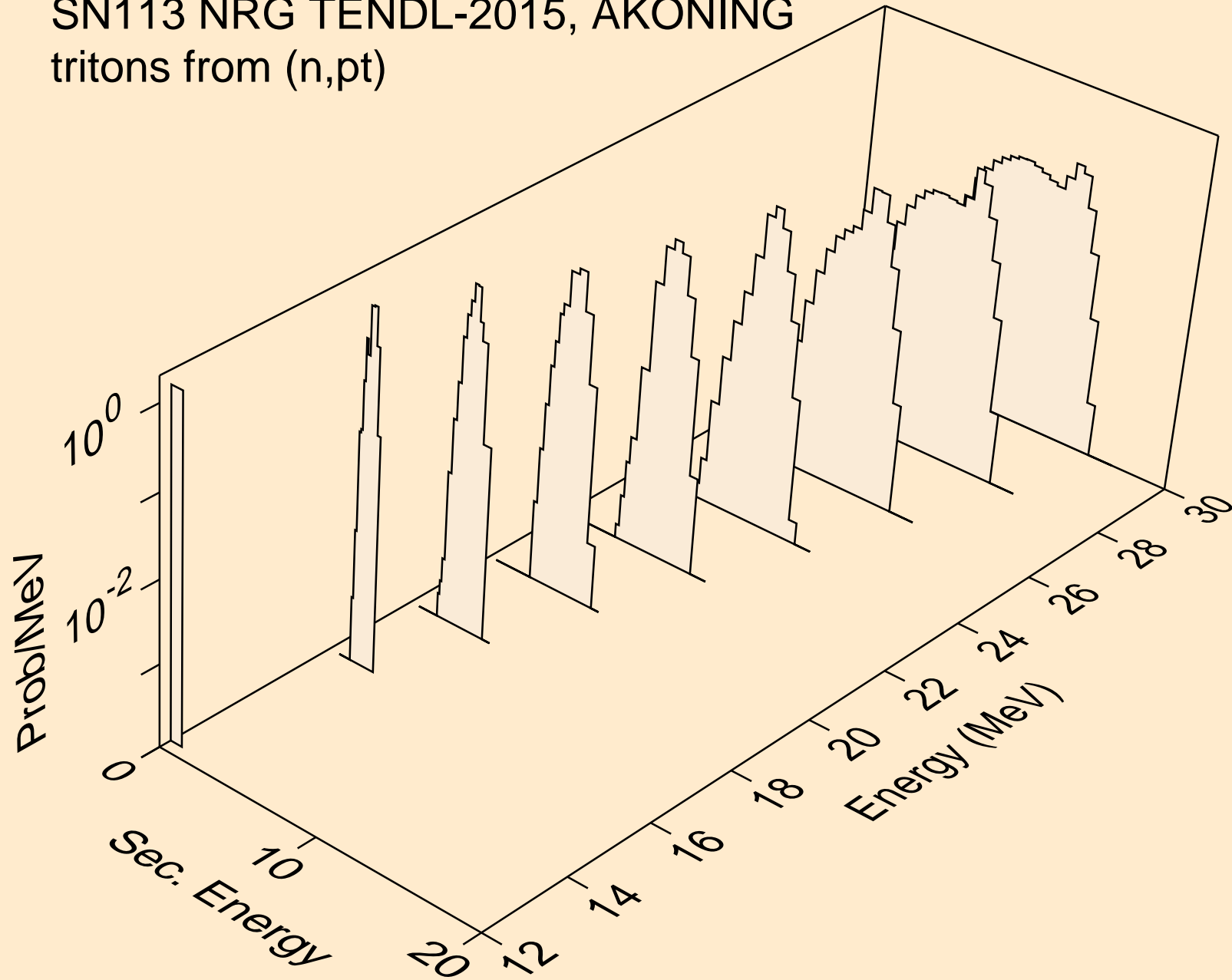
SN113 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



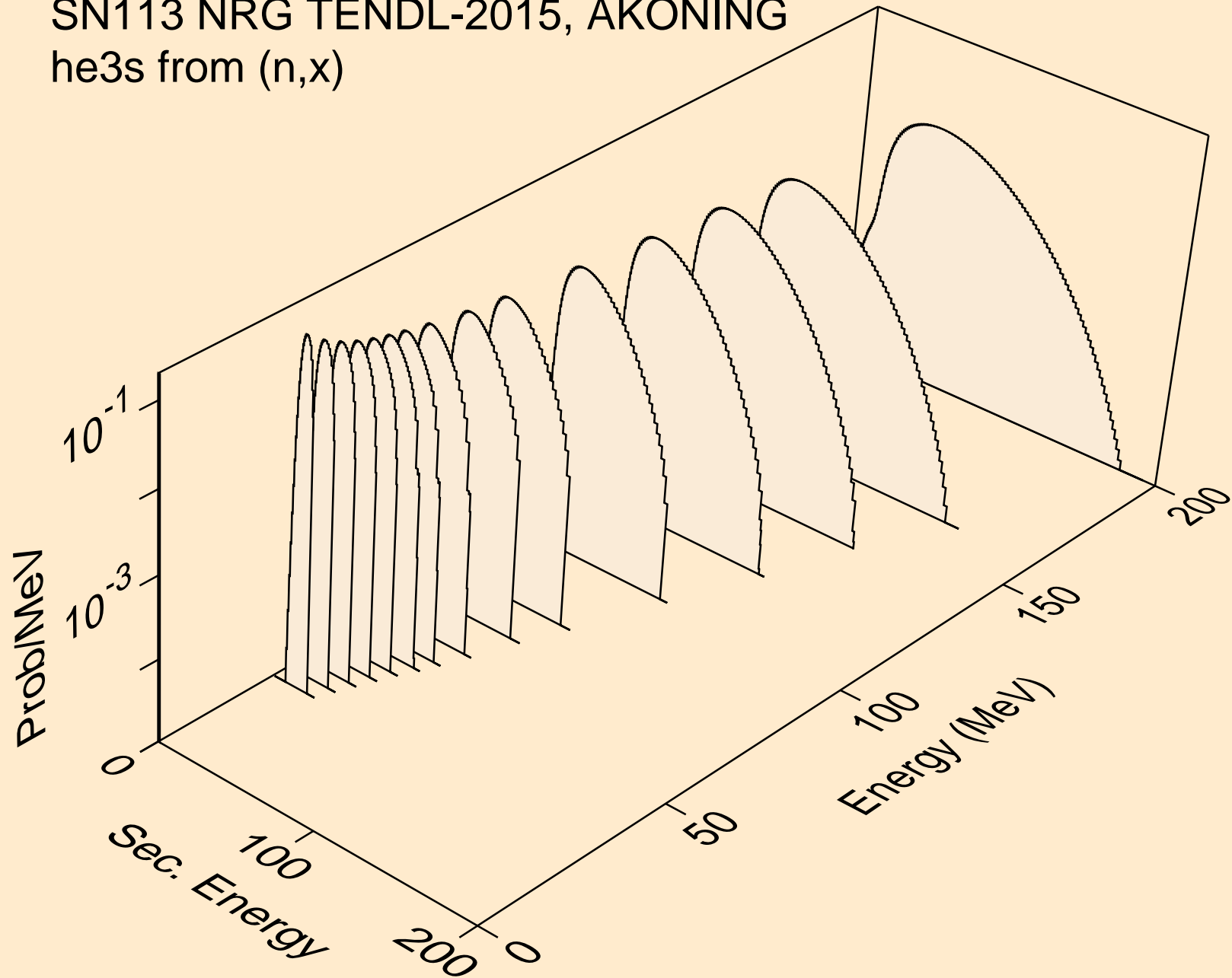
SN113 NRG TENDL-2015, AKONING  
tritons from (n,t)



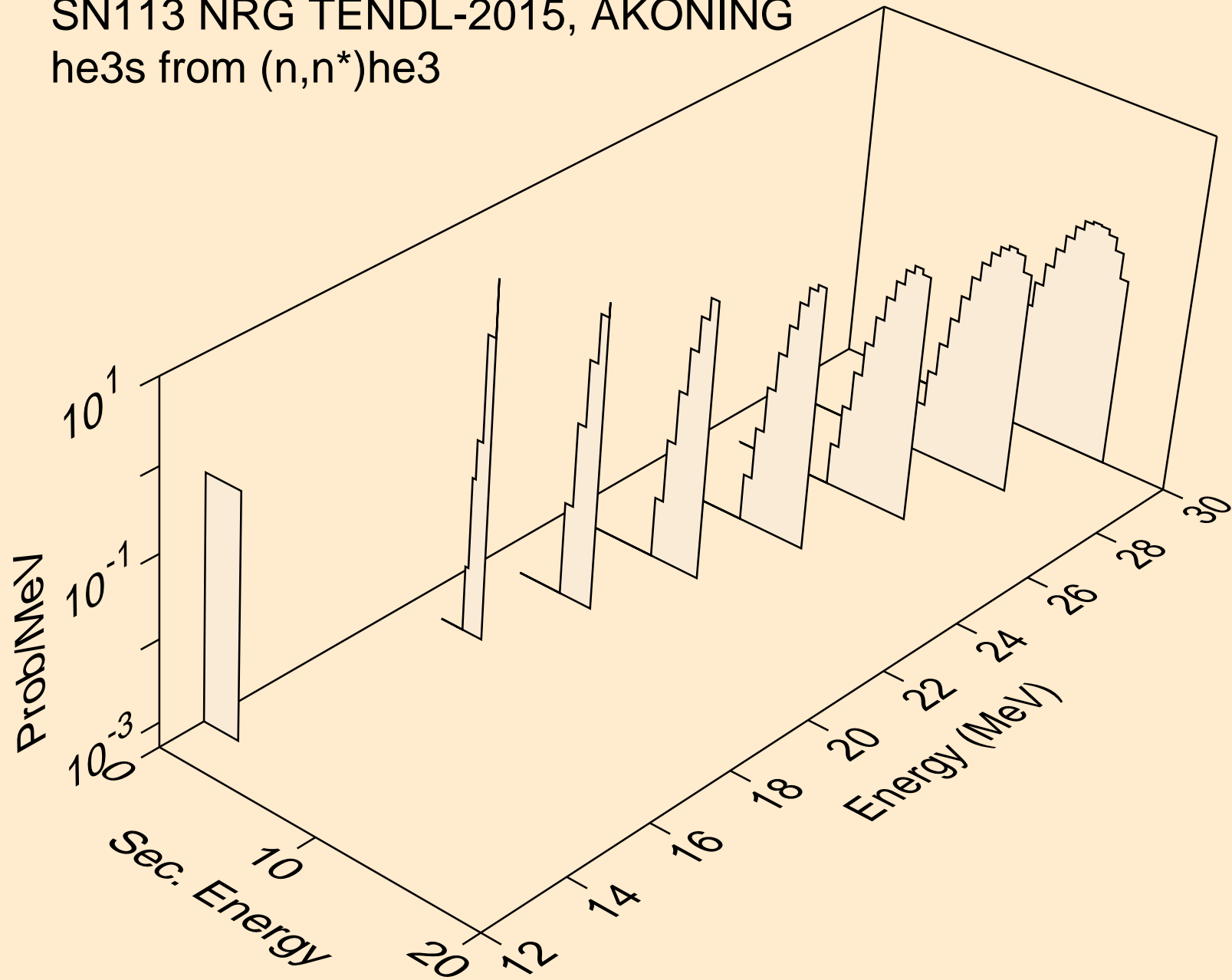
SN113 NRG TENDL-2015, AKONING  
tritons from (n,pt)



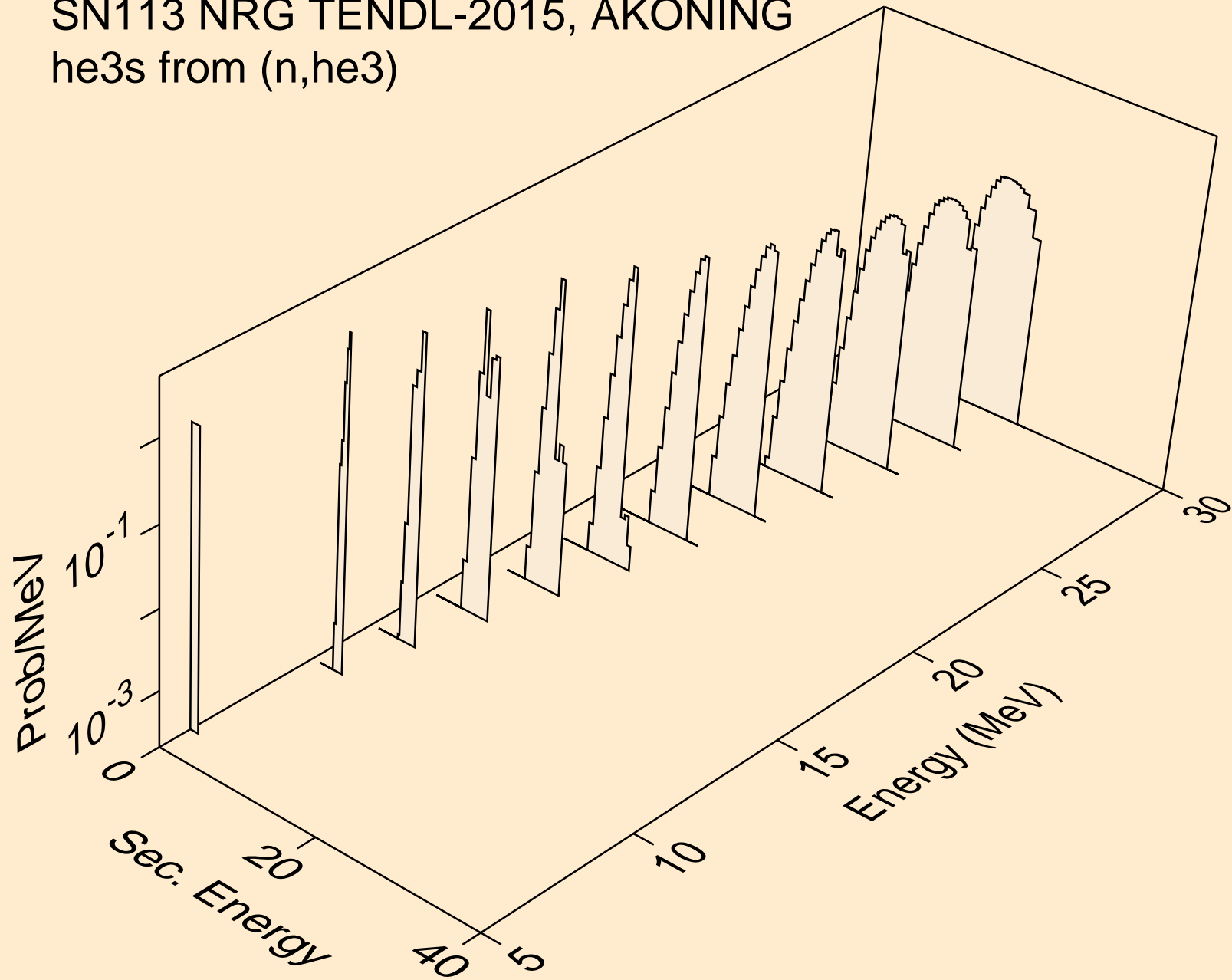
SN113 NRG TENDL-2015, AKONING  
he3s from (n,x)



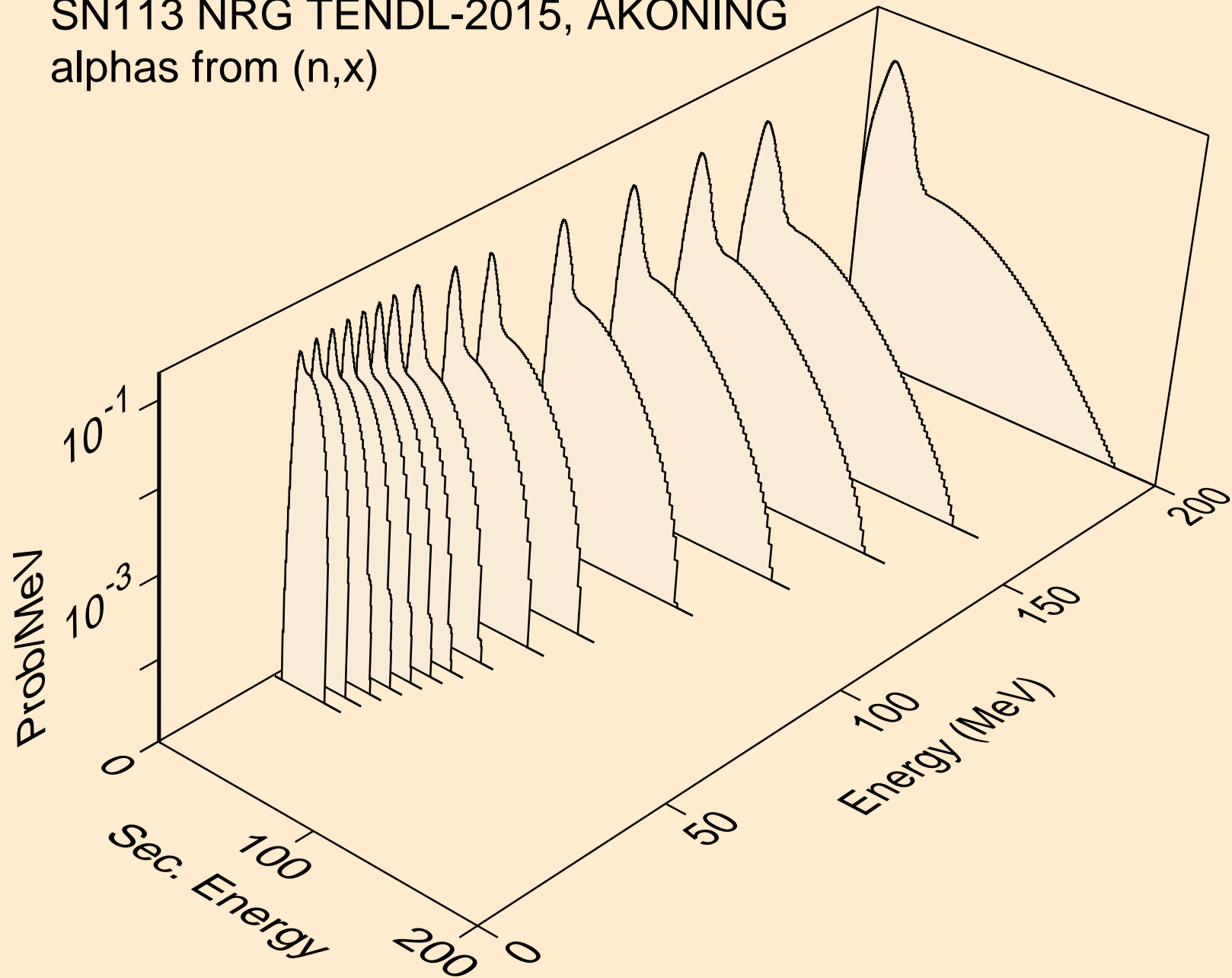
SN113 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



SN113 NRG TENDL-2015, AKONING  
he3s from (n,he3)

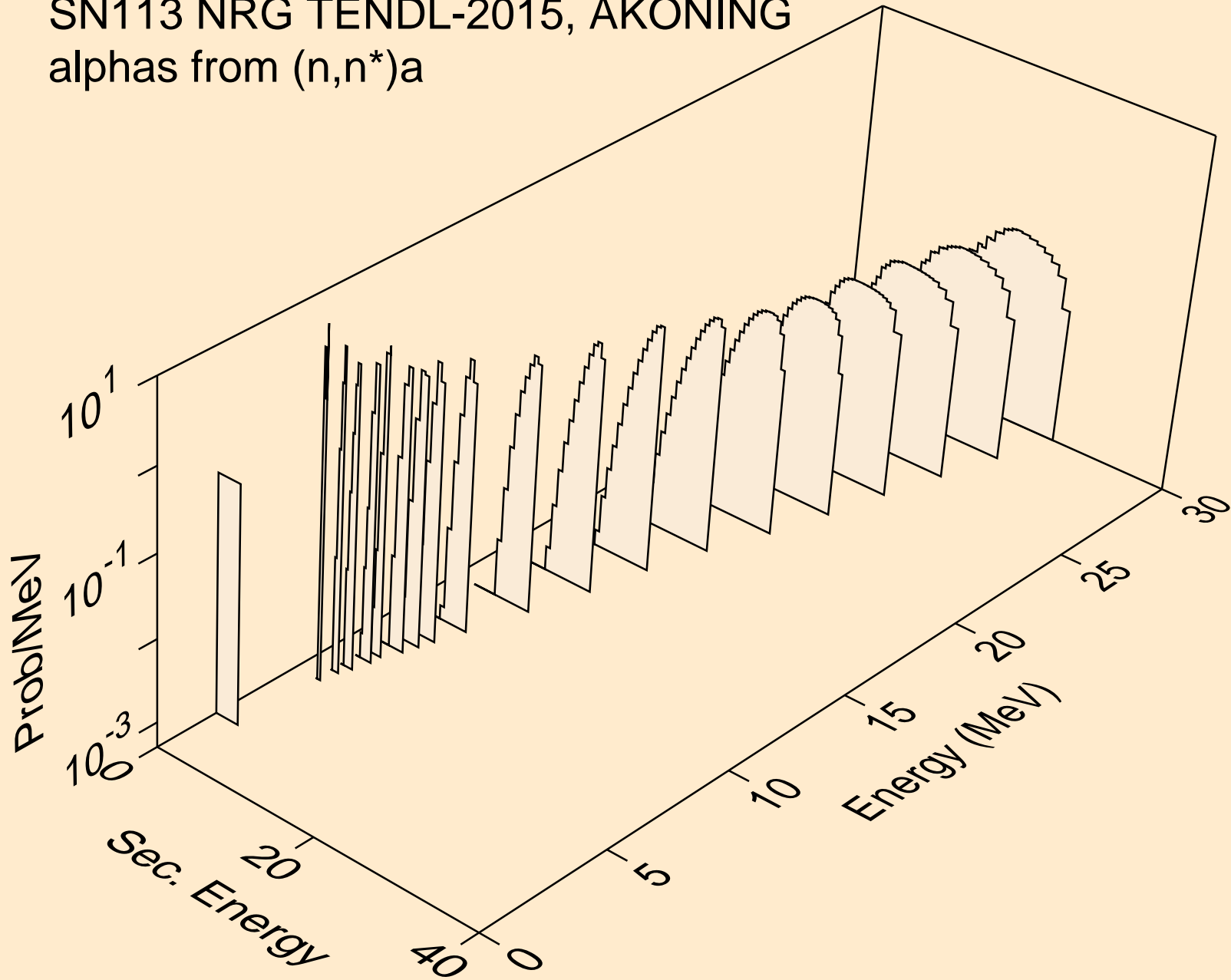


SN113 NRG TENDL-2015, AKONING  
alphas from (n,x)

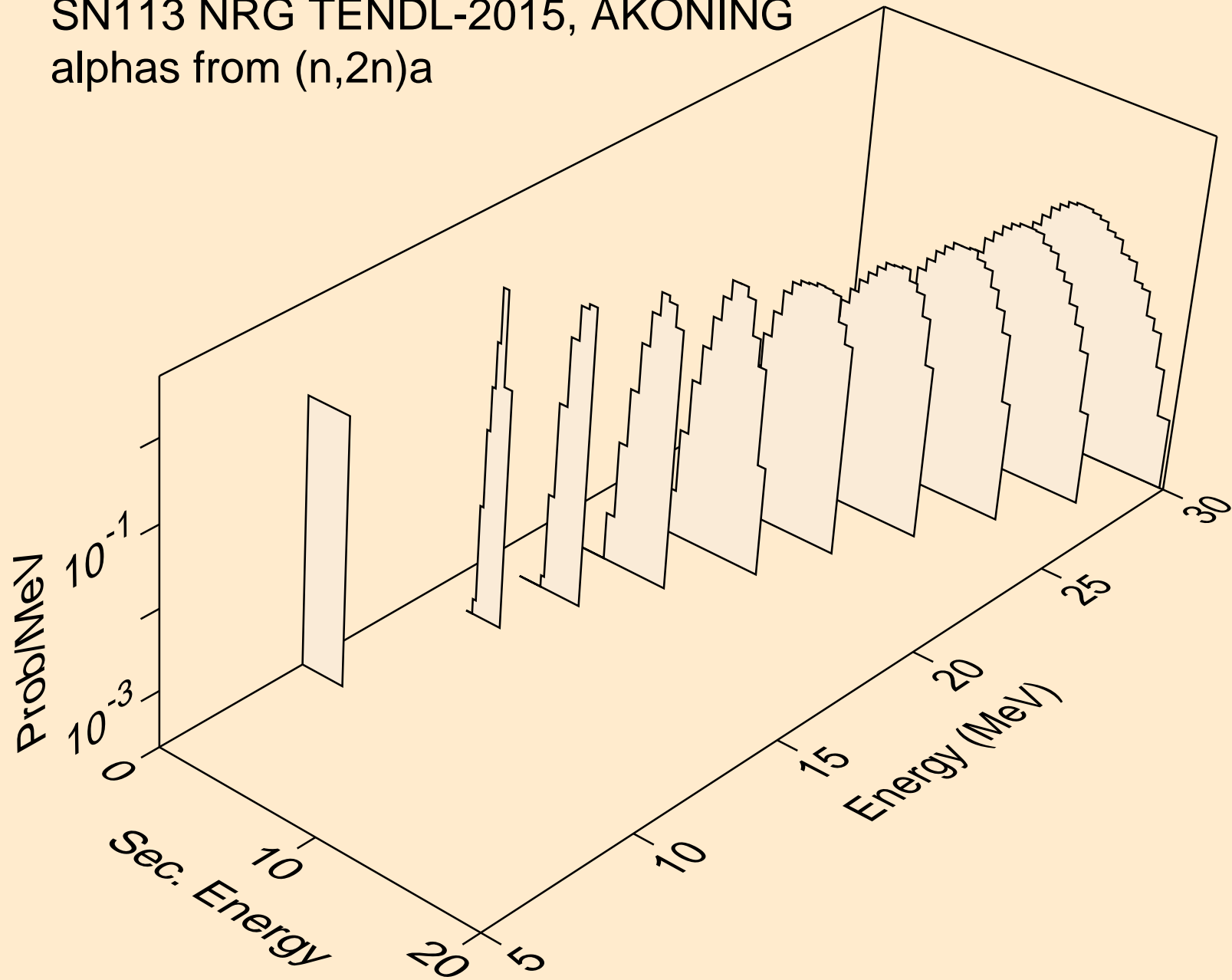




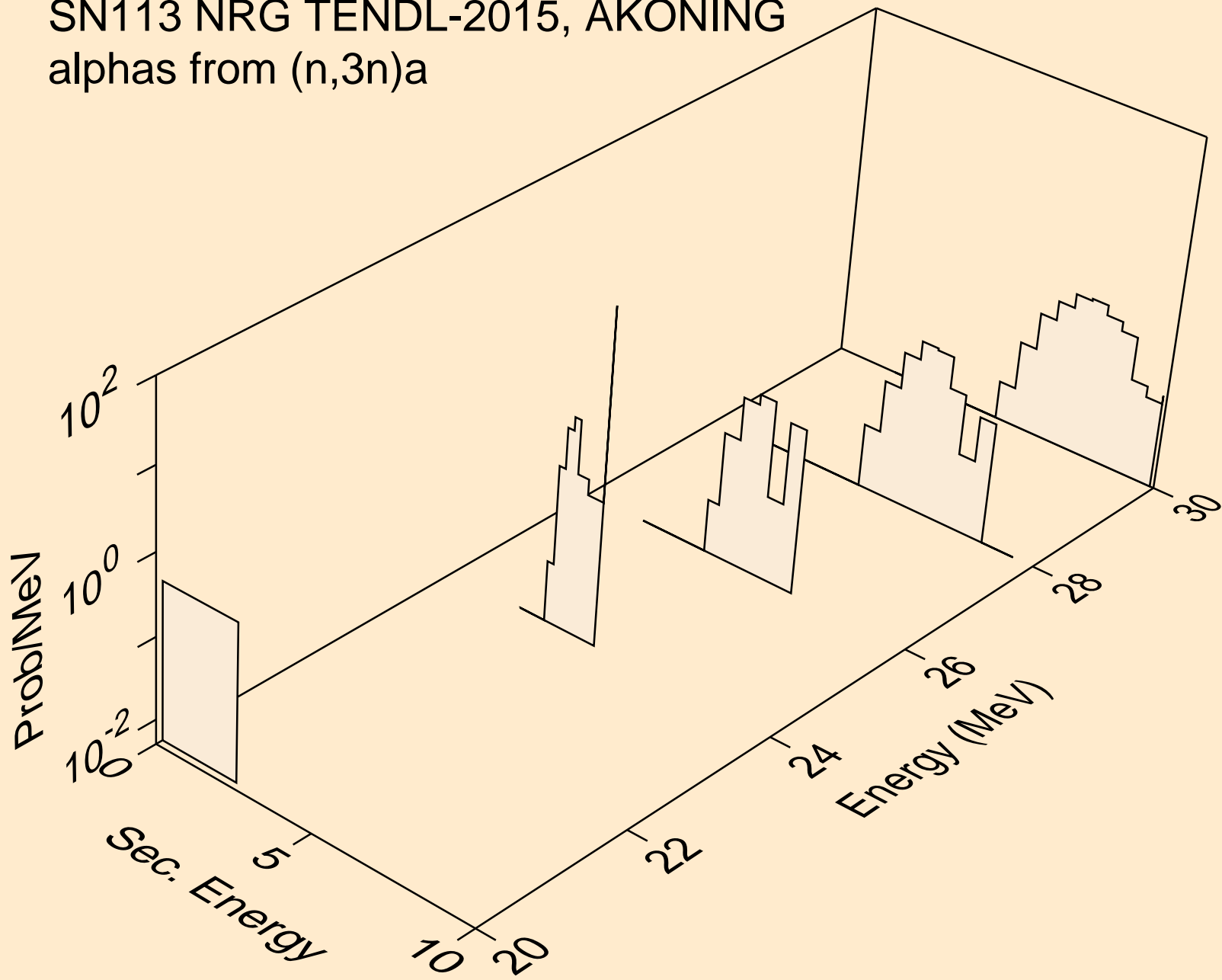
SN113 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



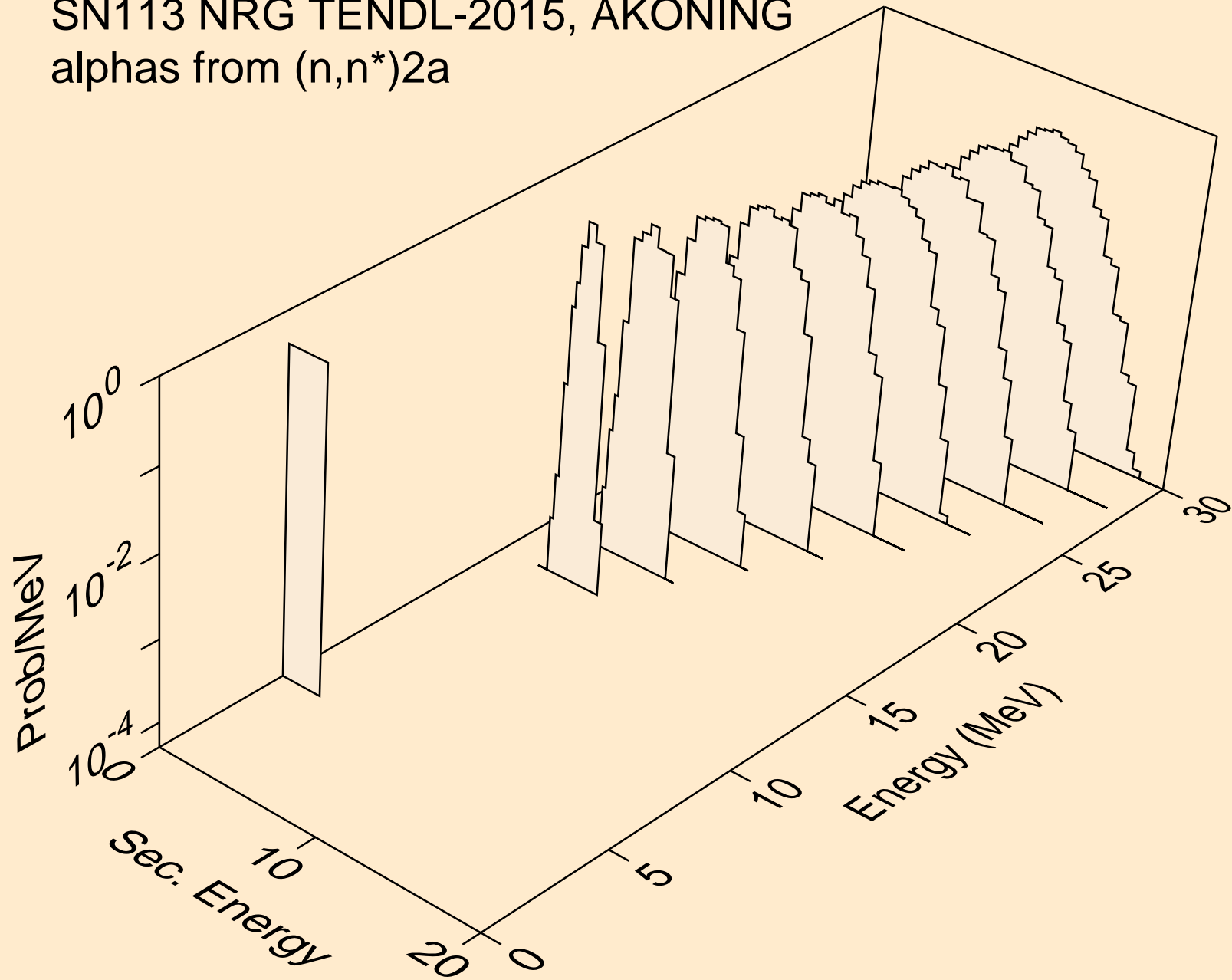
SN113 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



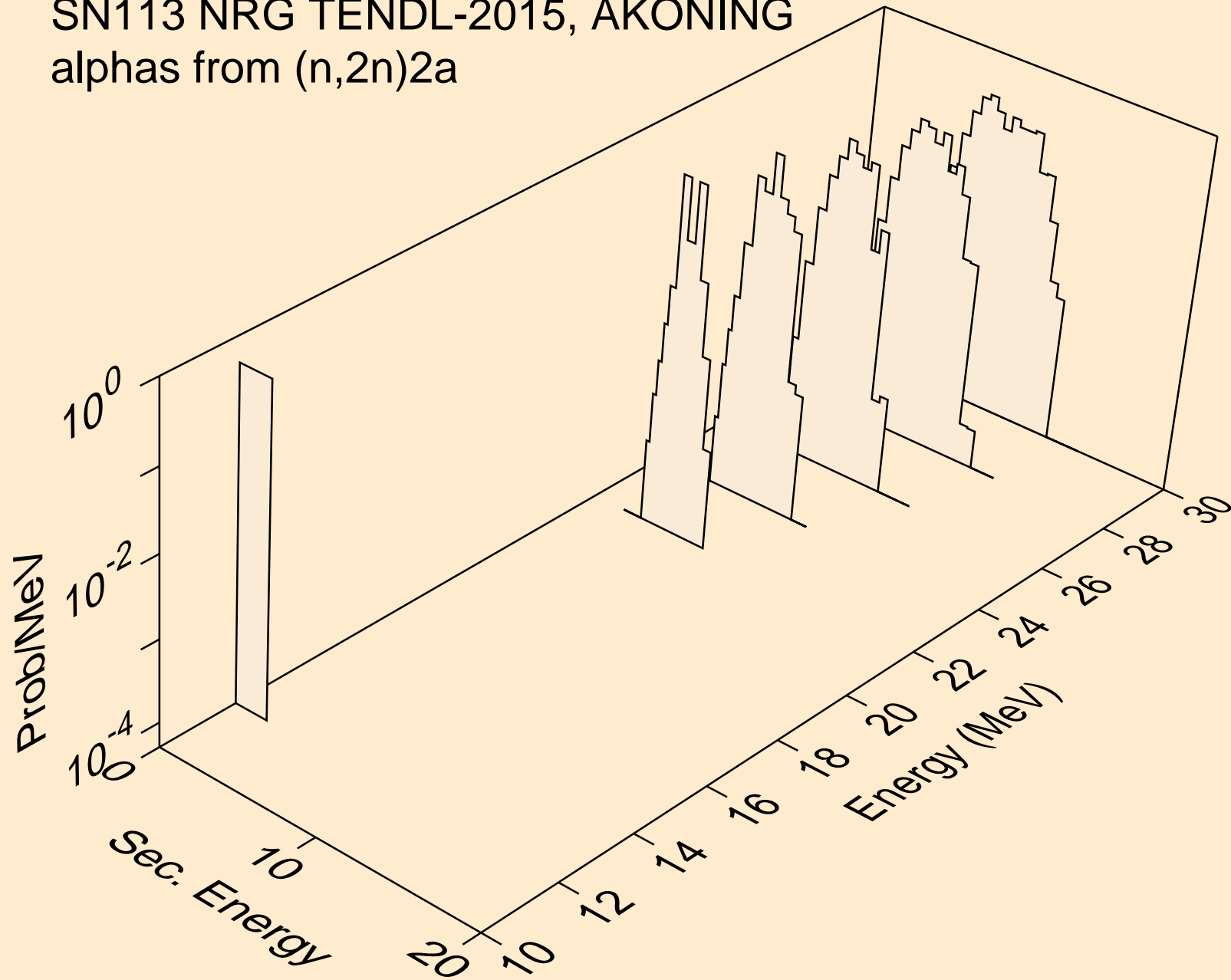
SN113 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



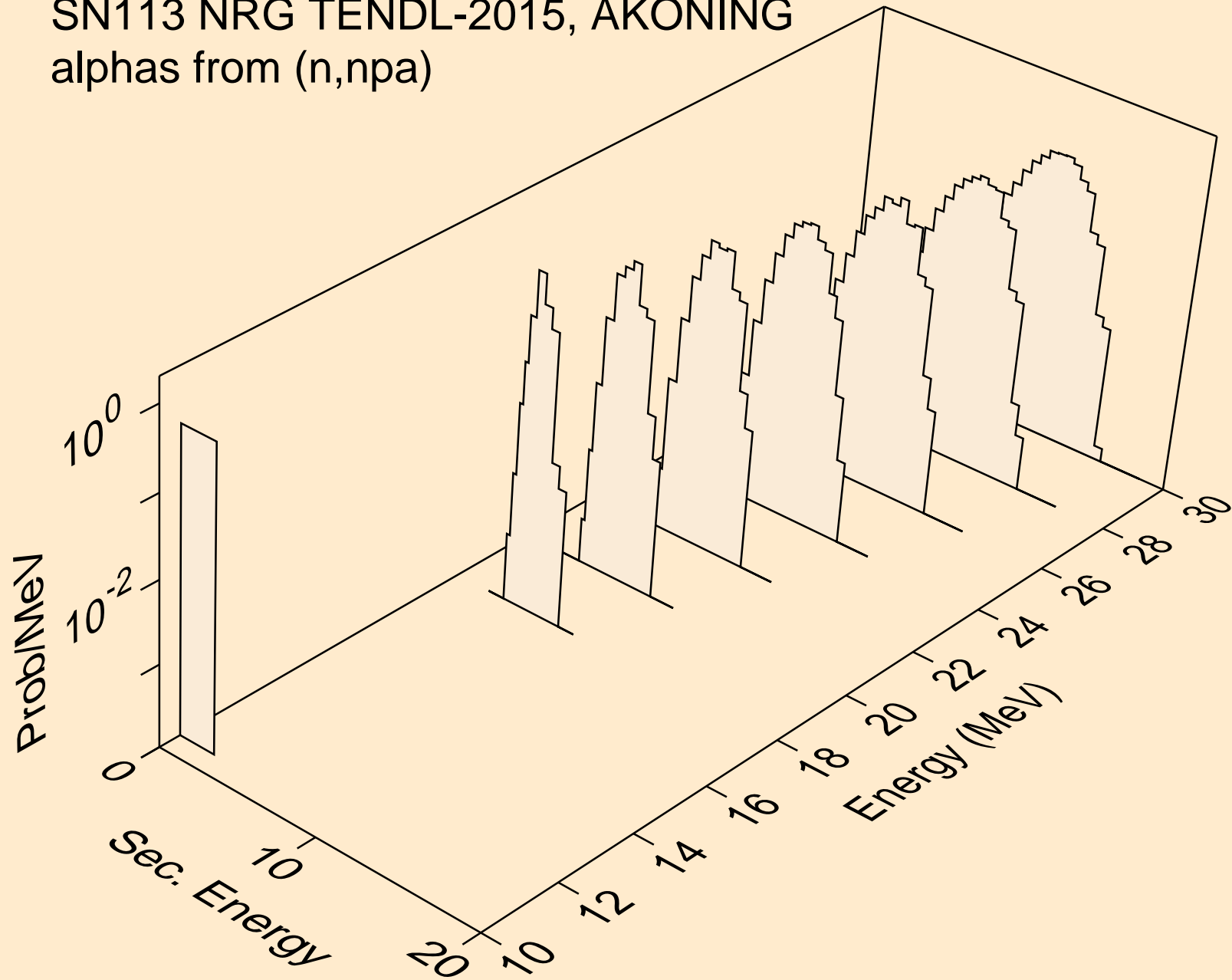
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alphas from (n,n\*)2a



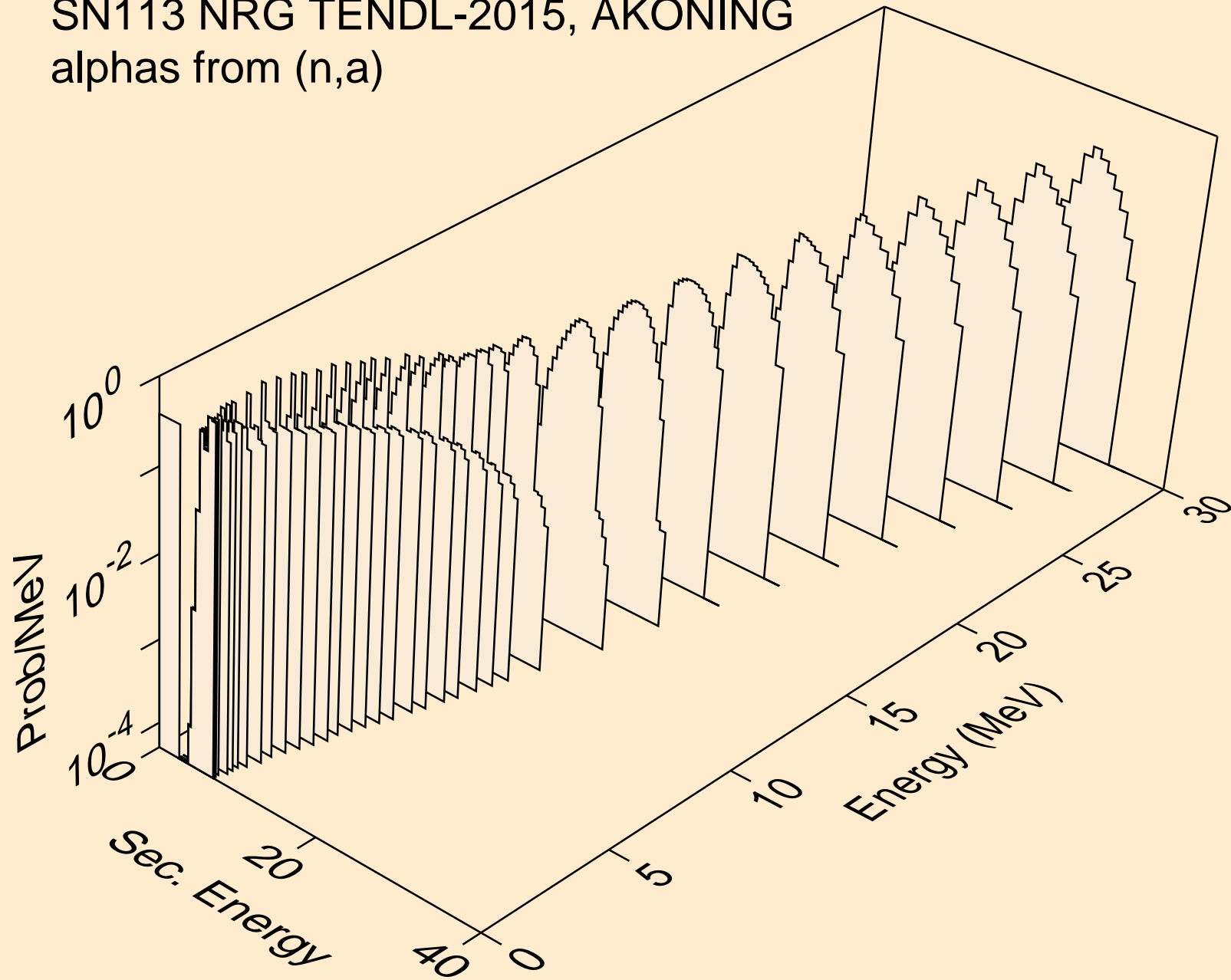
SN113 NRG TENDL-2015, AKONING  
alphas from (n,2n)2a



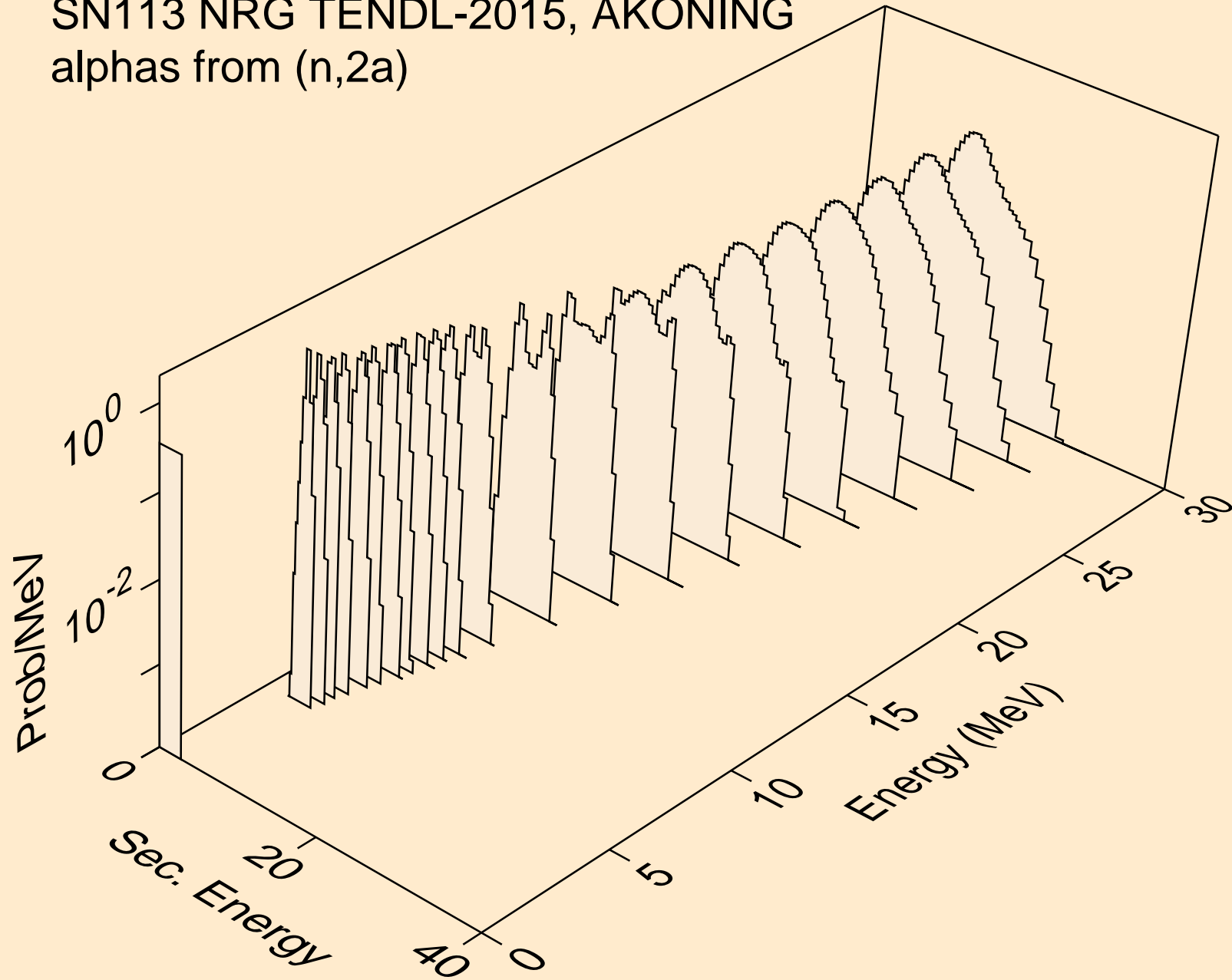
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alphas from (n,npa)



SN113 NRG TENDL-2015, AKONING  
alphas from (n,a)

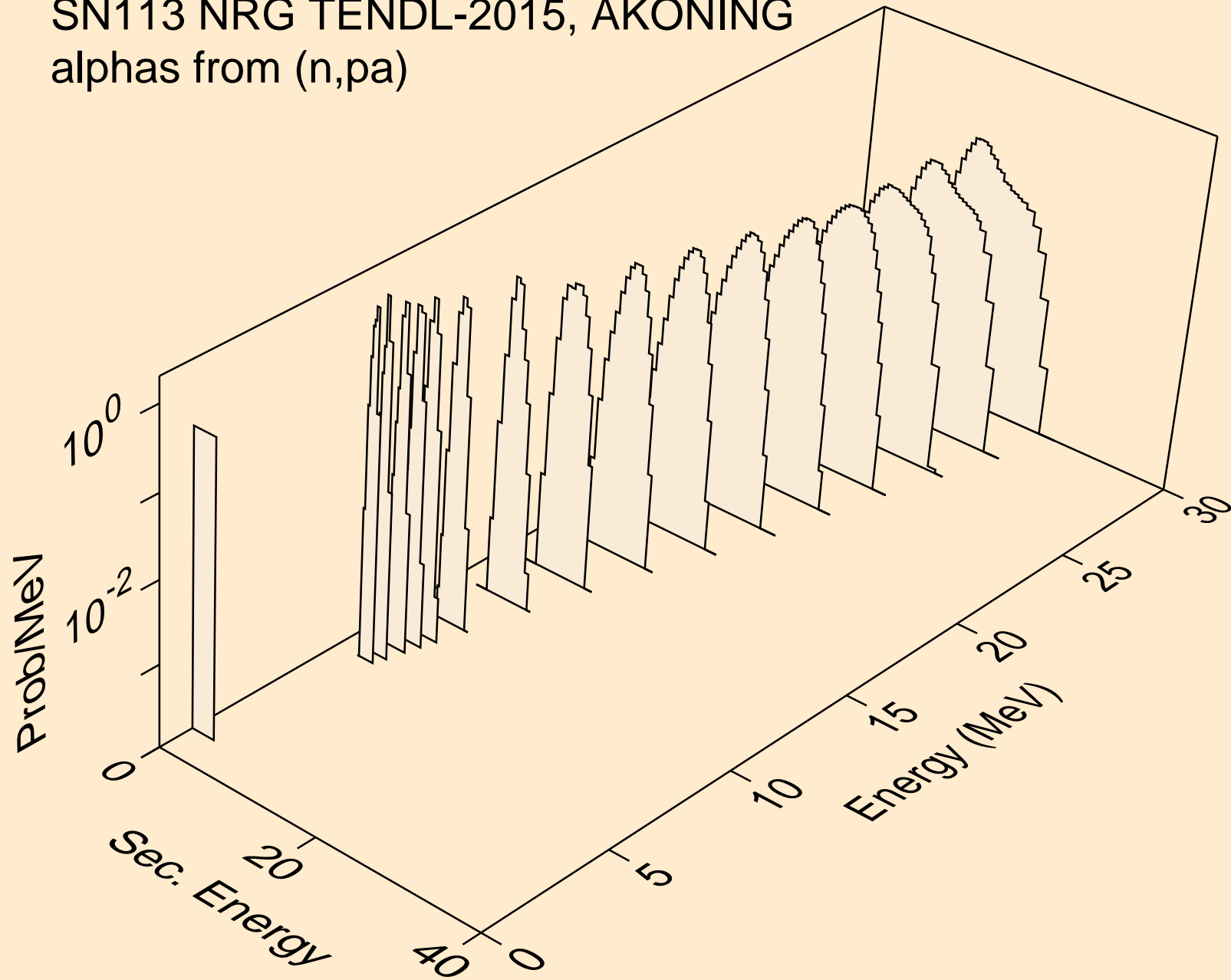


SN113 NRG TENDL-2015, AKONING  
alphas from (n,2a)





SN113 NRG TENDL-2015, AKONING  
alphas from (n,pa)



SN113 NRG TENDL-2015, AKONING  
alphas from (n,da)

