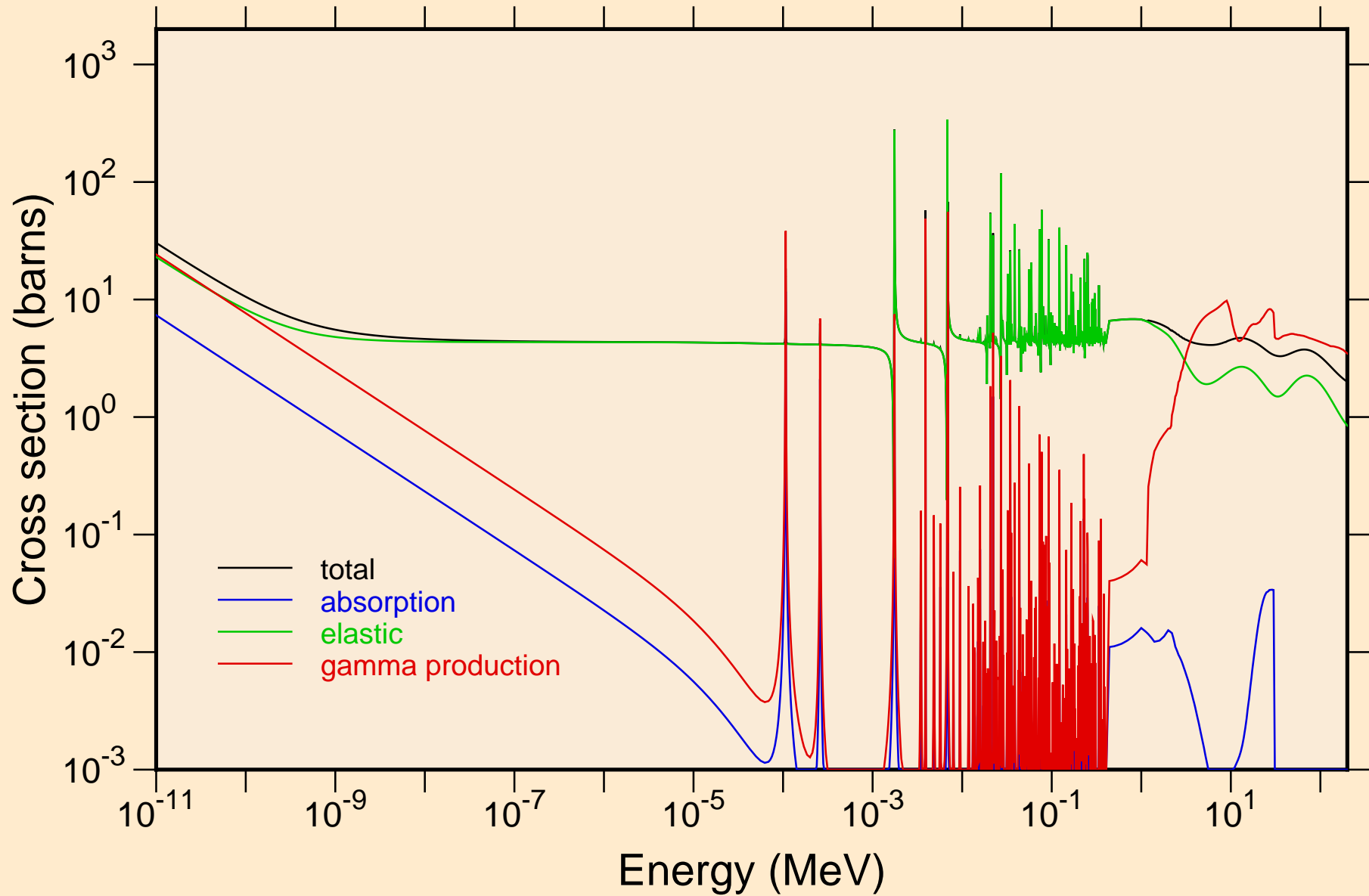
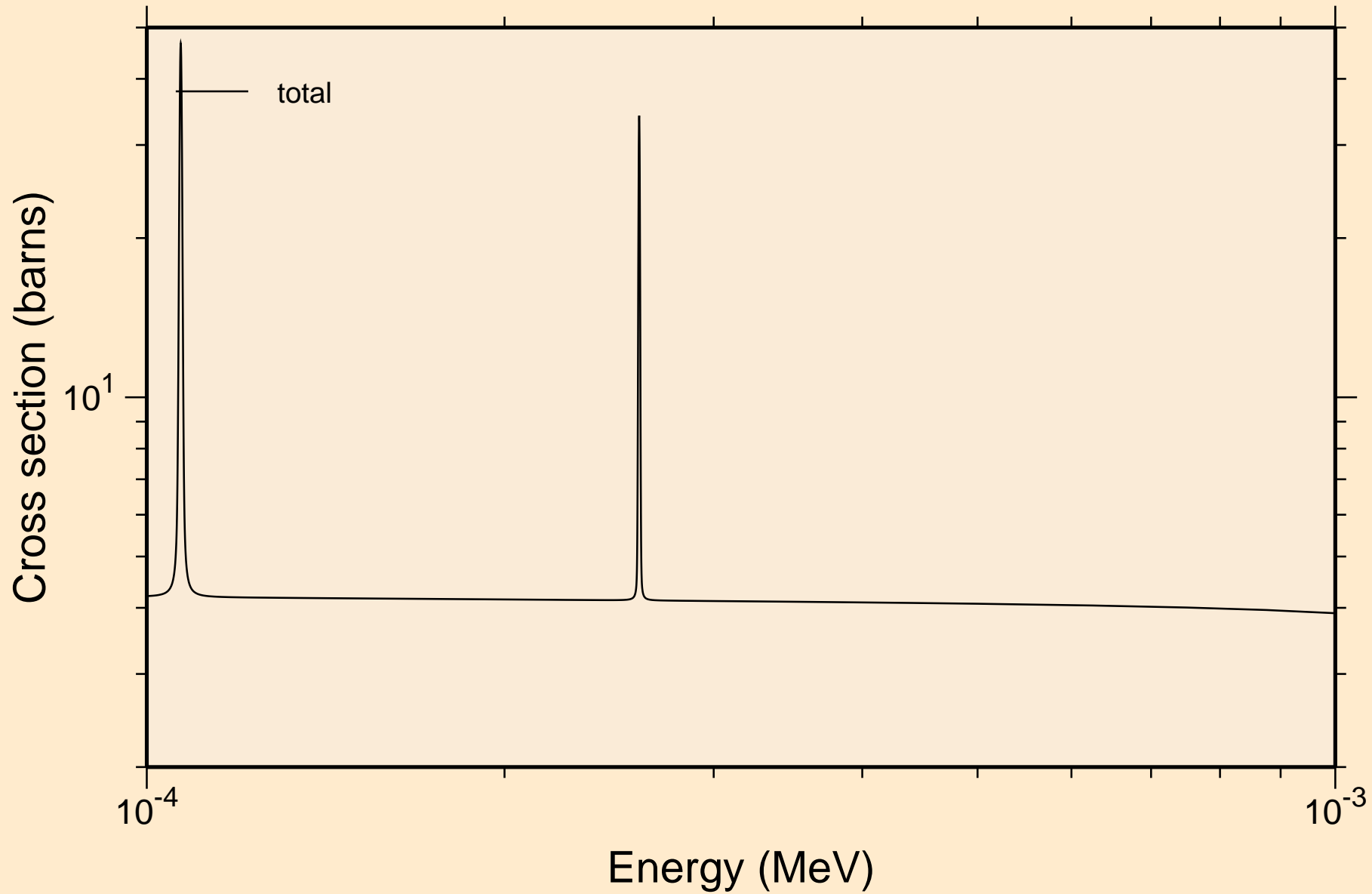


# SN122 NRG TENDL-2015, AKONING

## Principal cross sections

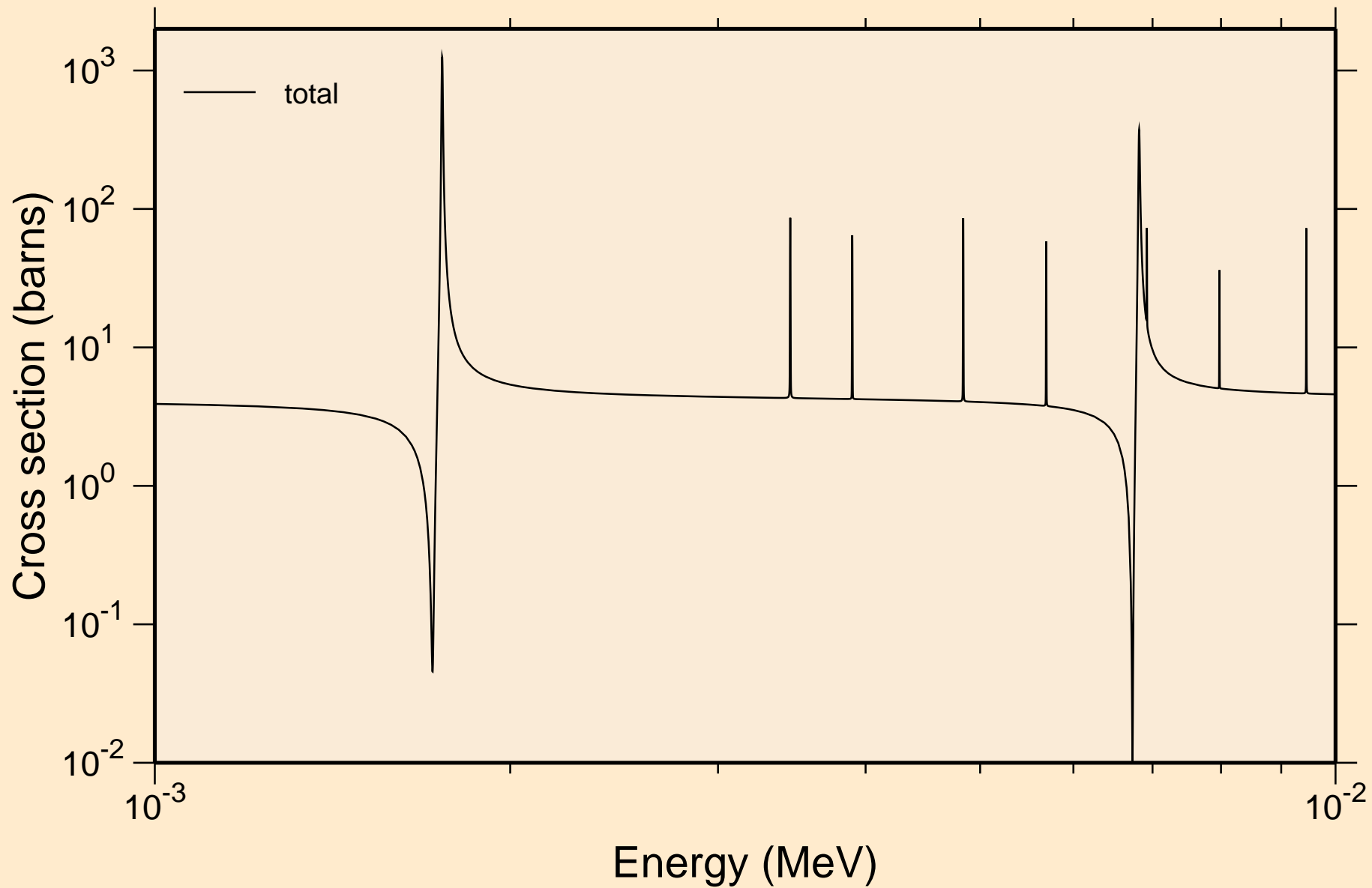


SN122 NRG TENDL-2015, AKONING  
resonance total cross section

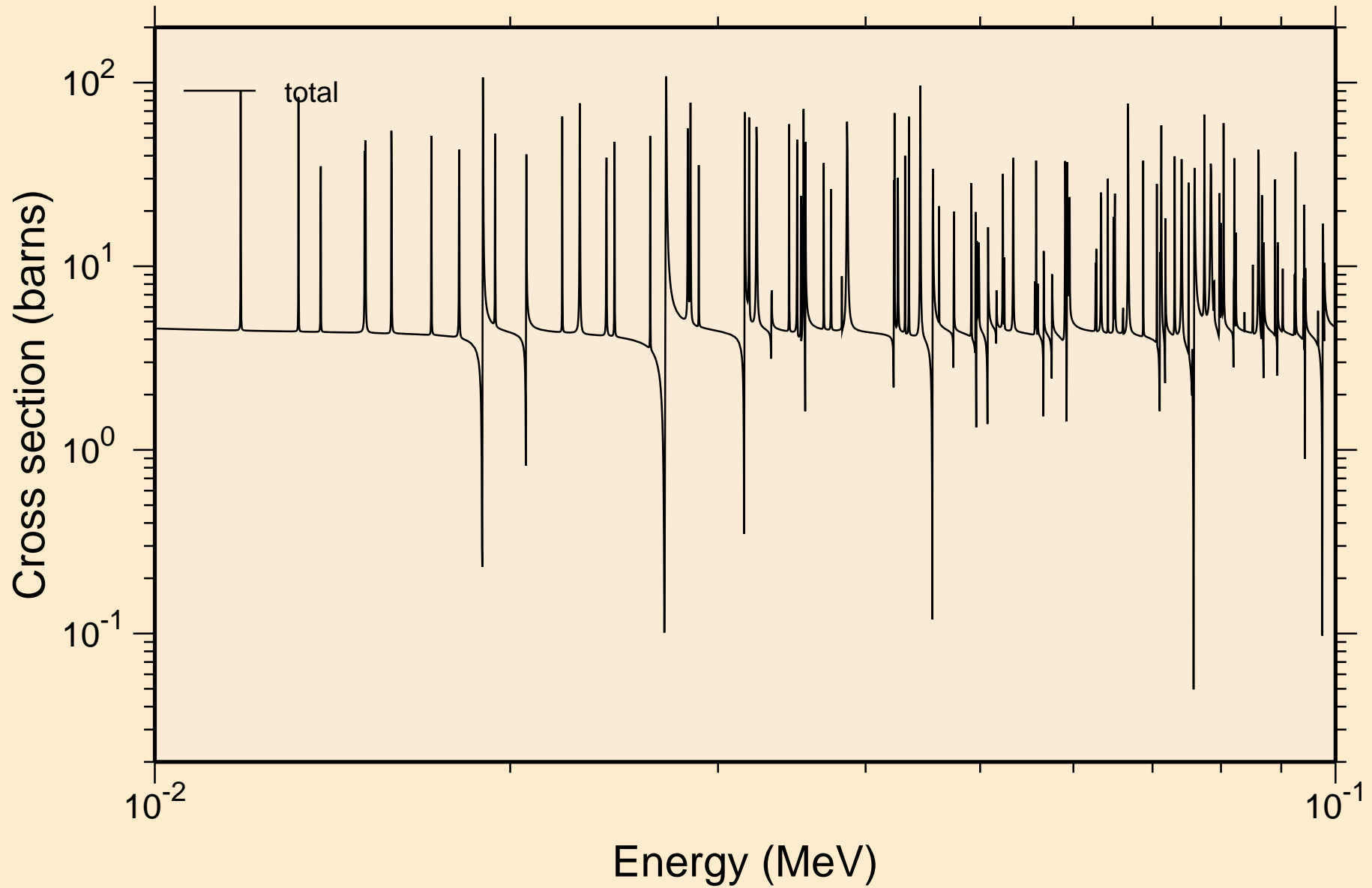


# SN122 NRG TENDL-2015, AKONING

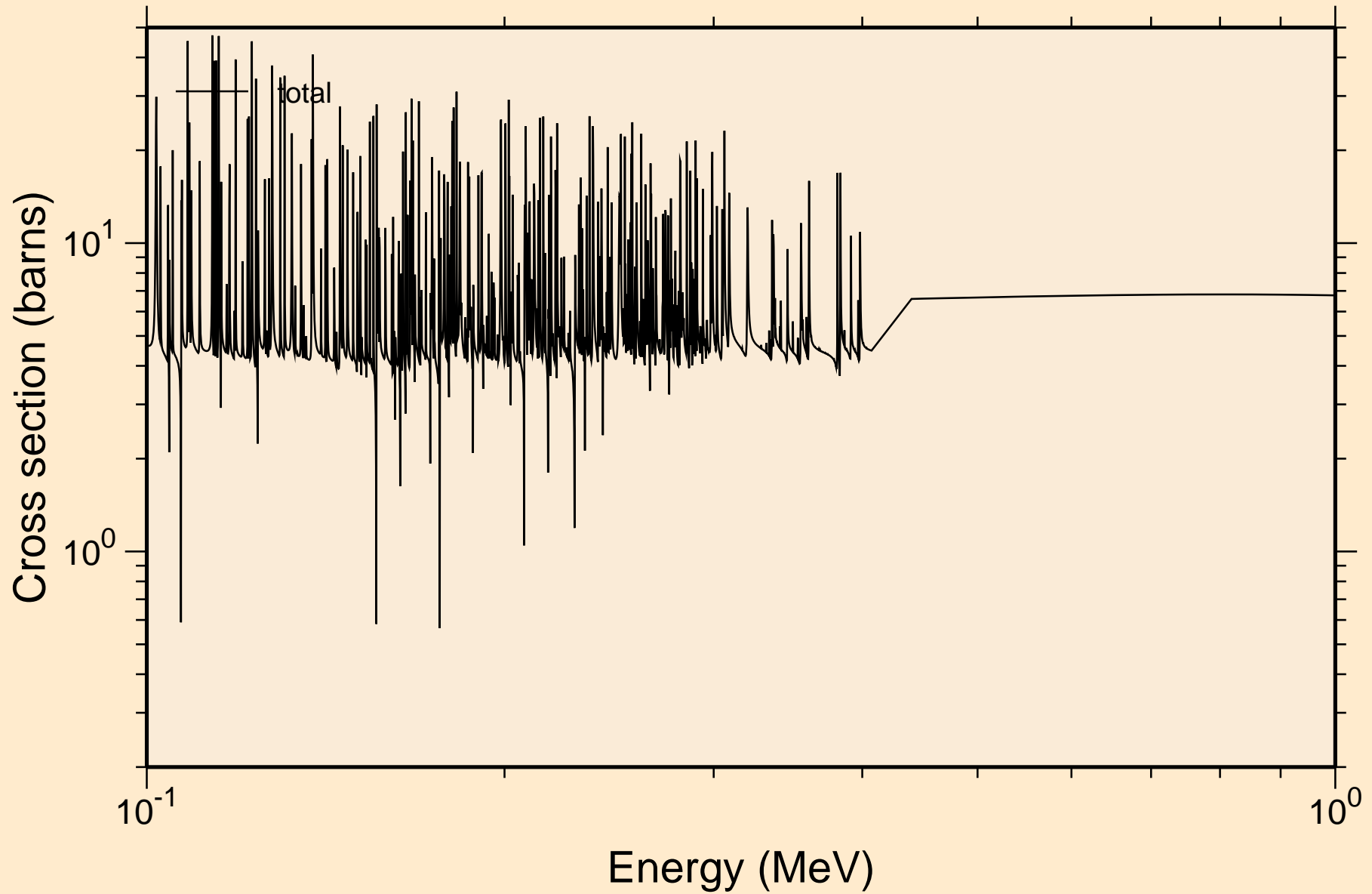
## resonance total cross section



SN122 NRG TENDL-2015, AKONING  
resonance total cross section

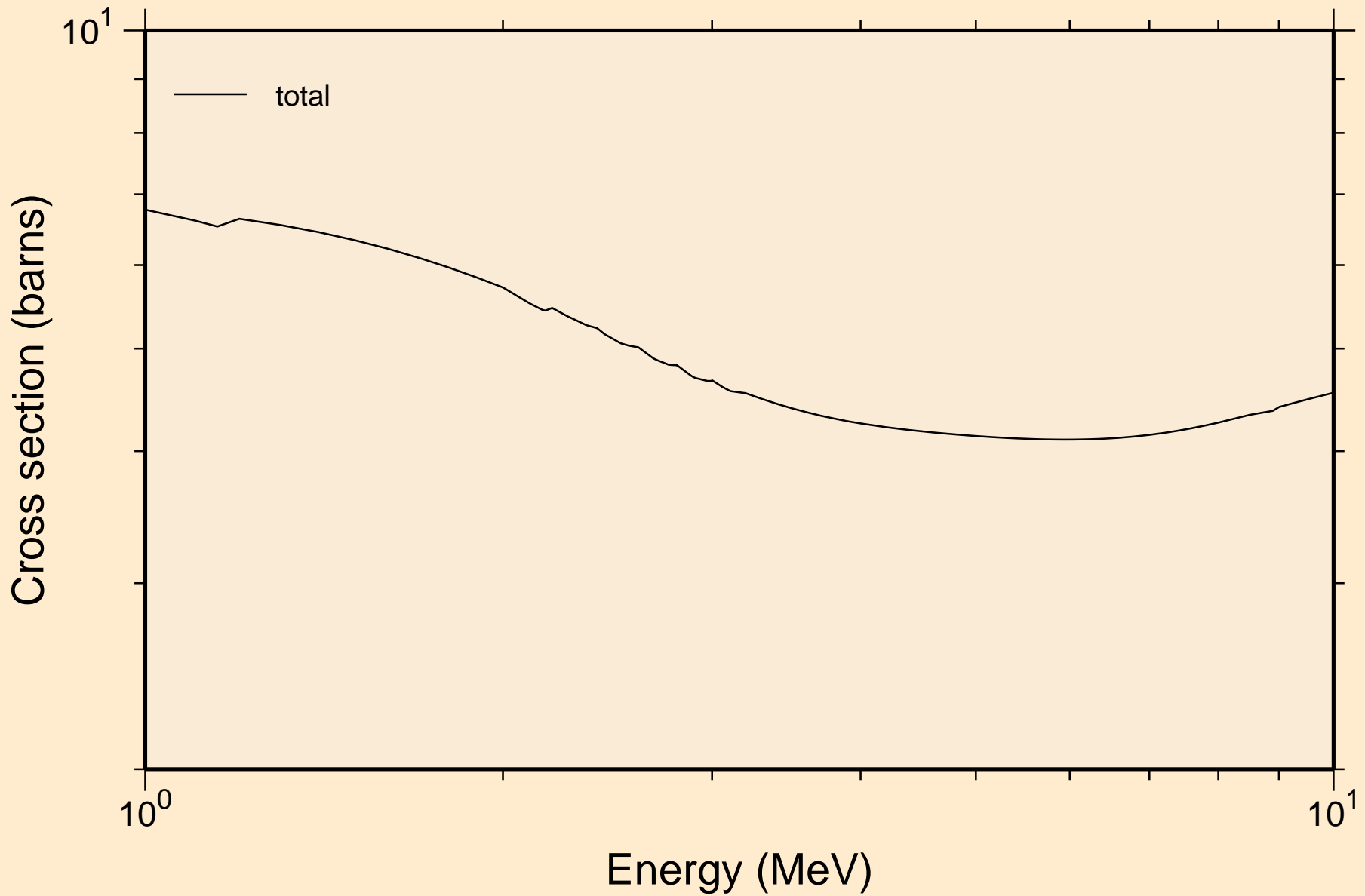


SN122 NRG TENDL-2015, AKONING  
resonance total cross section

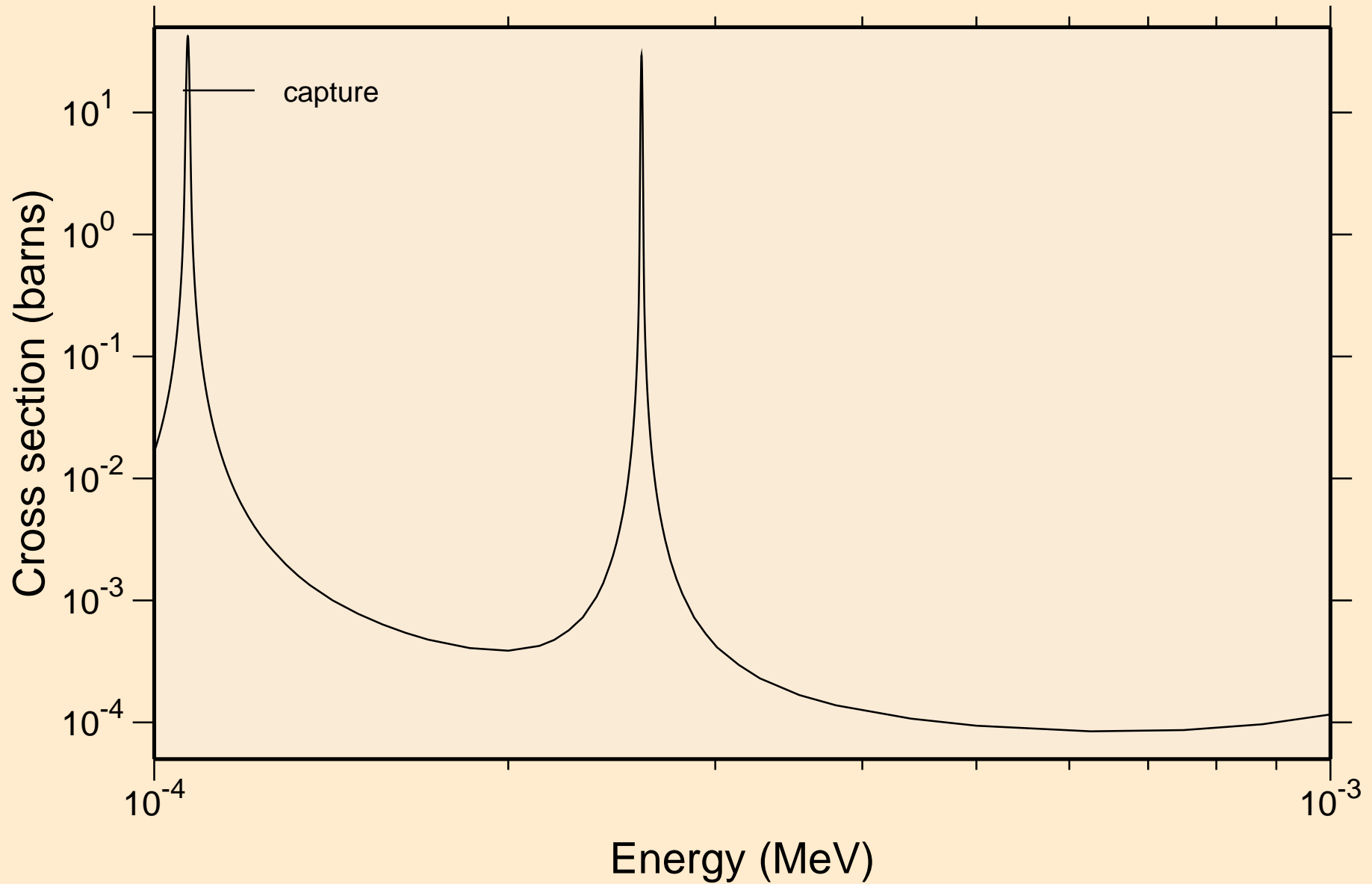


# SN122 NRG TENDL-2015, AKONING

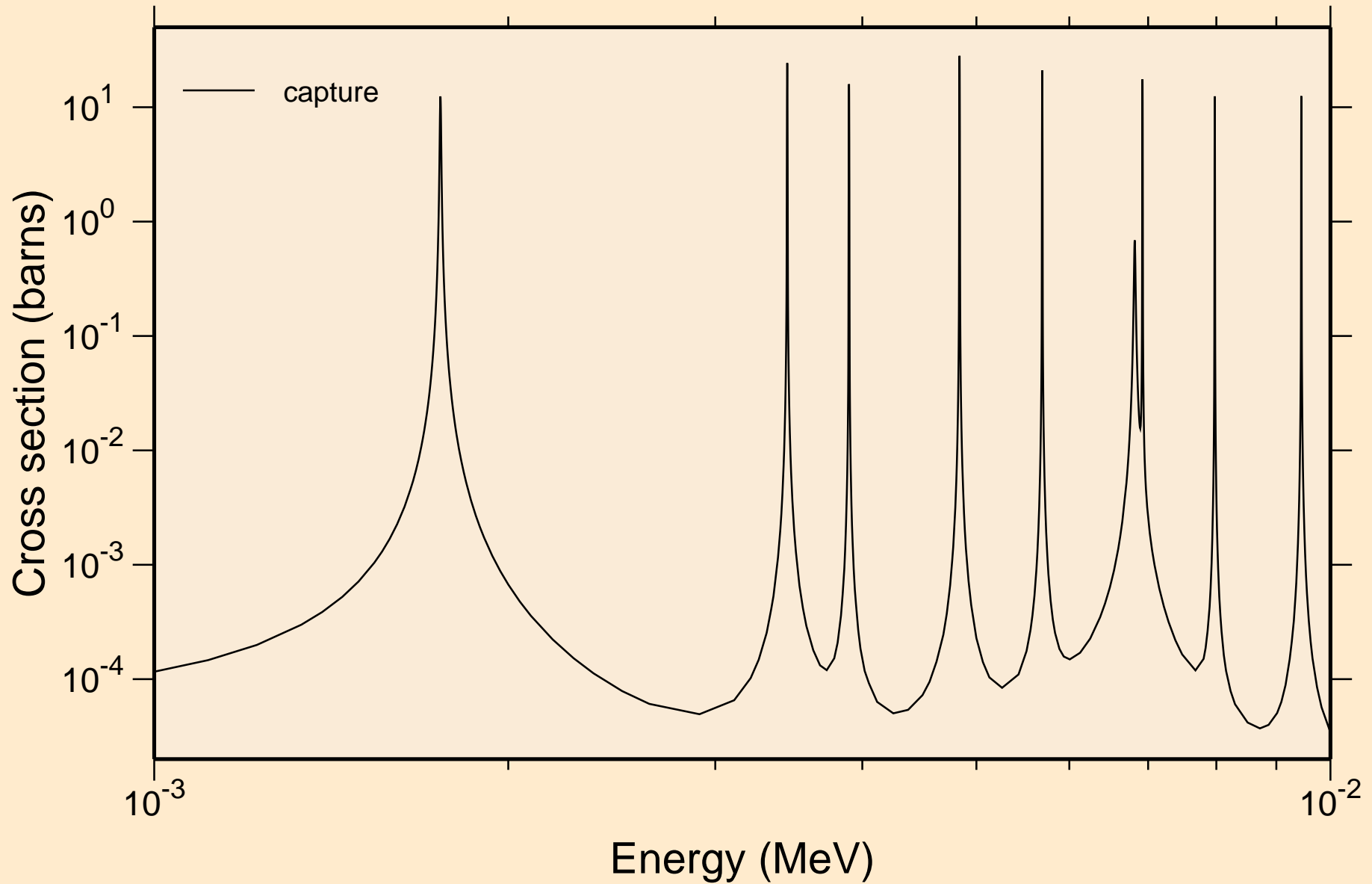
## resonance total cross section



SN122 NRG TENDL-2015, AKONING  
resonance absorption cross sections

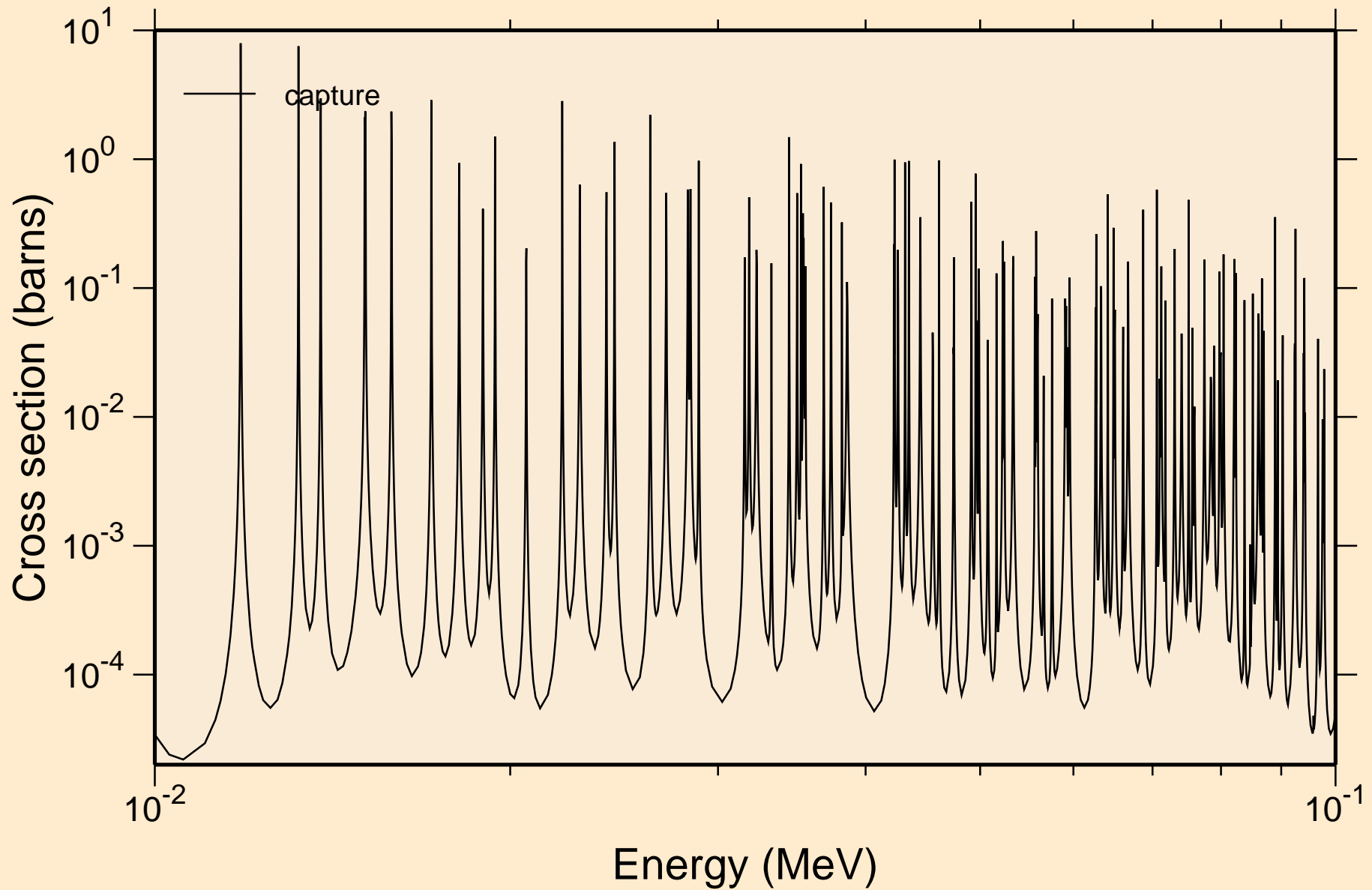


# SN122 NRG TENDL-2015, AKONING resonance absorption cross sections

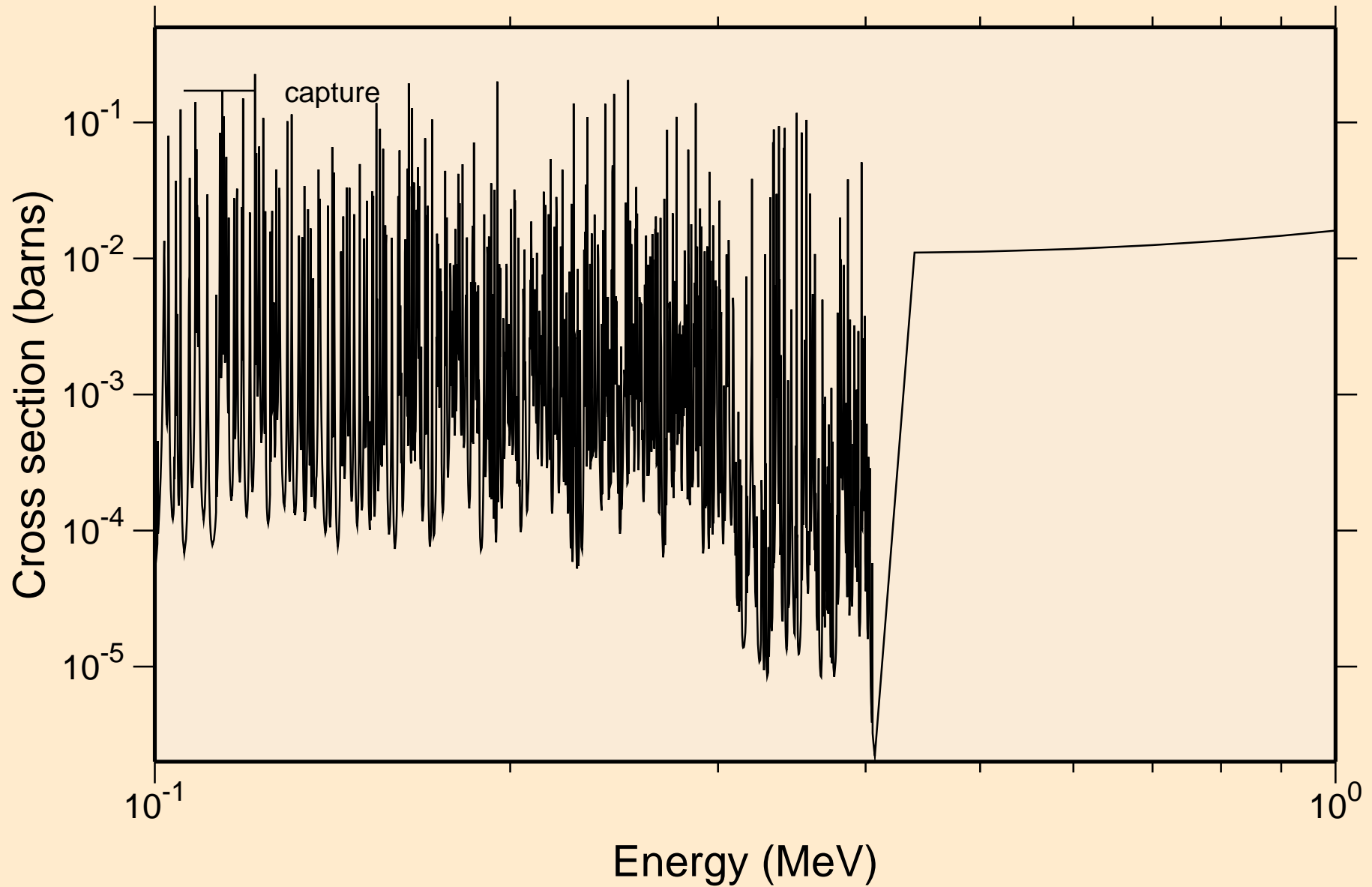




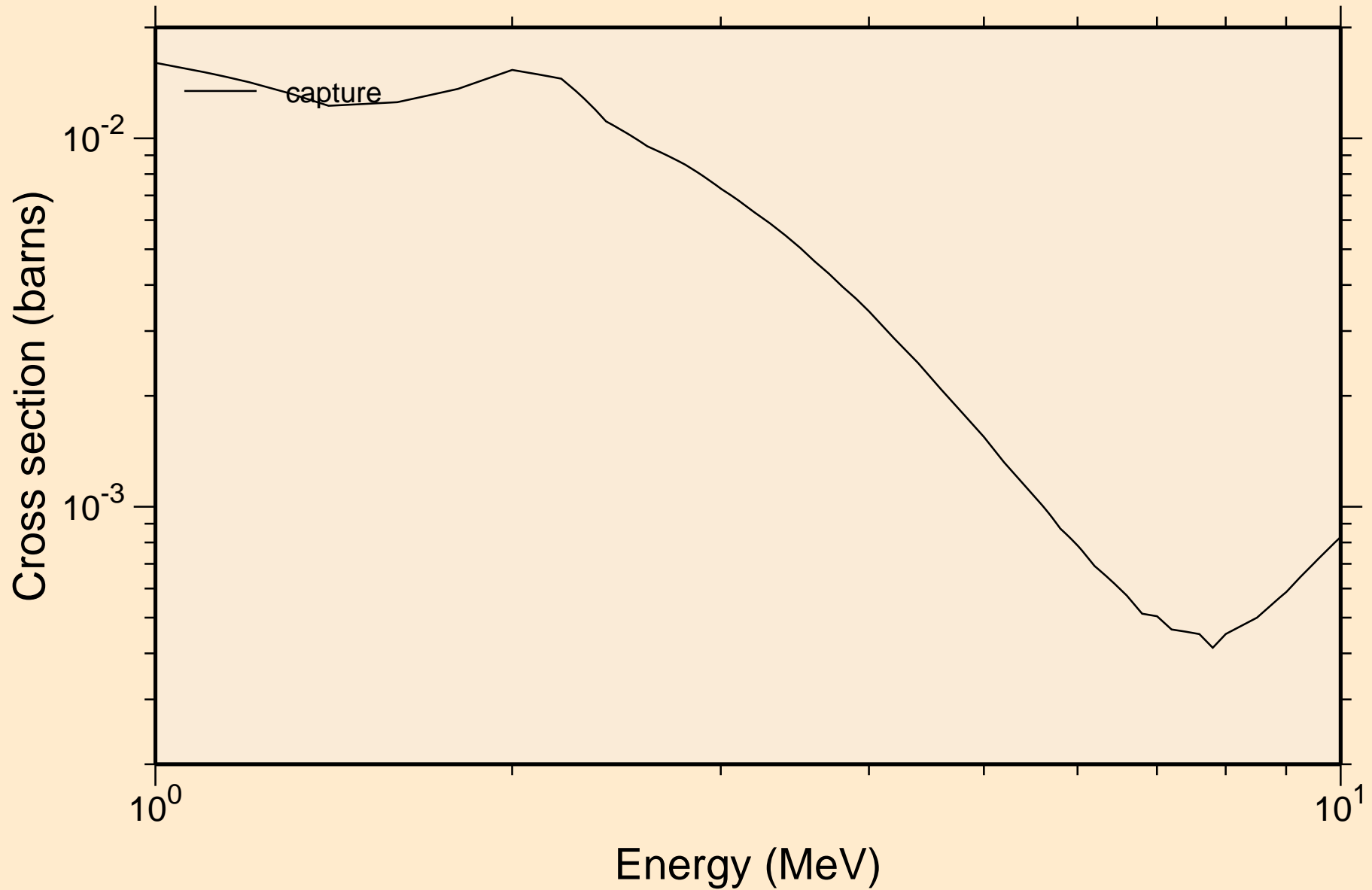
# SN122 NRG TENDL-2015, AKONING resonance absorption cross sections



SN122 NRG TENDL-2015, AKONING  
resonance absorption cross sections

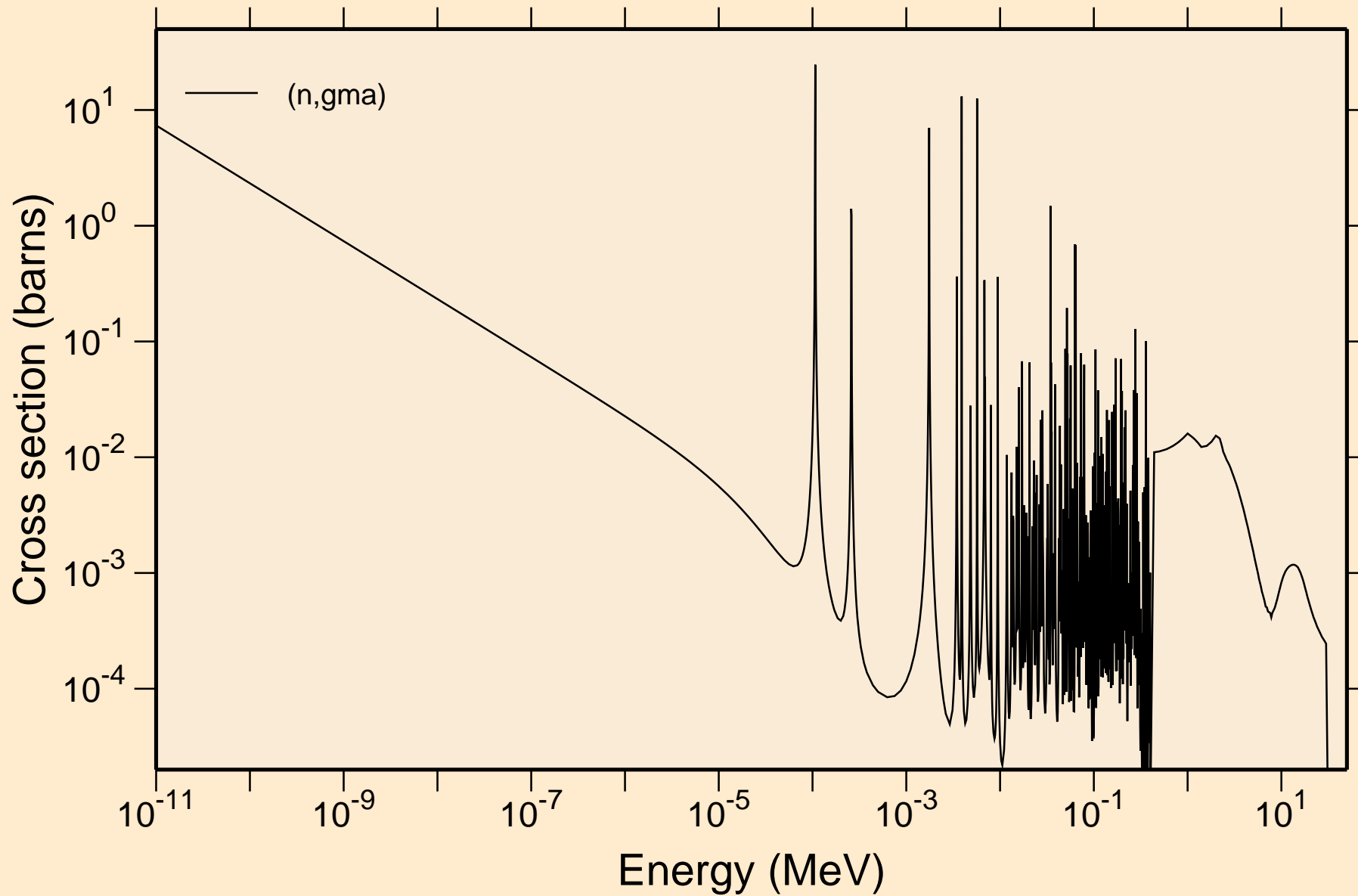


SN122 NRG TENDL-2015, AKONING  
resonance absorption cross sections



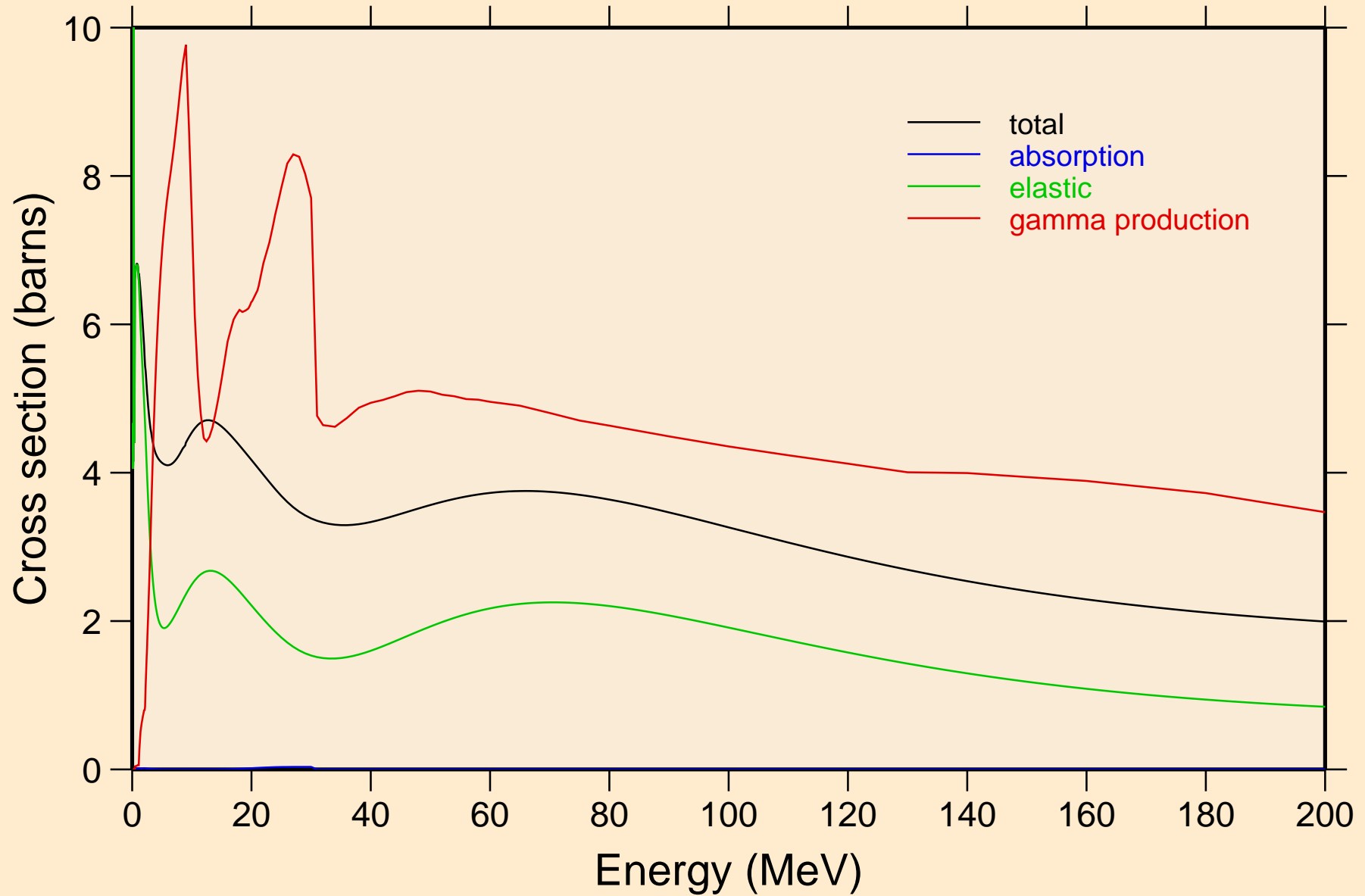
# SN122 NRG TENDL-2015, AKONING

## Non-threshold reactions



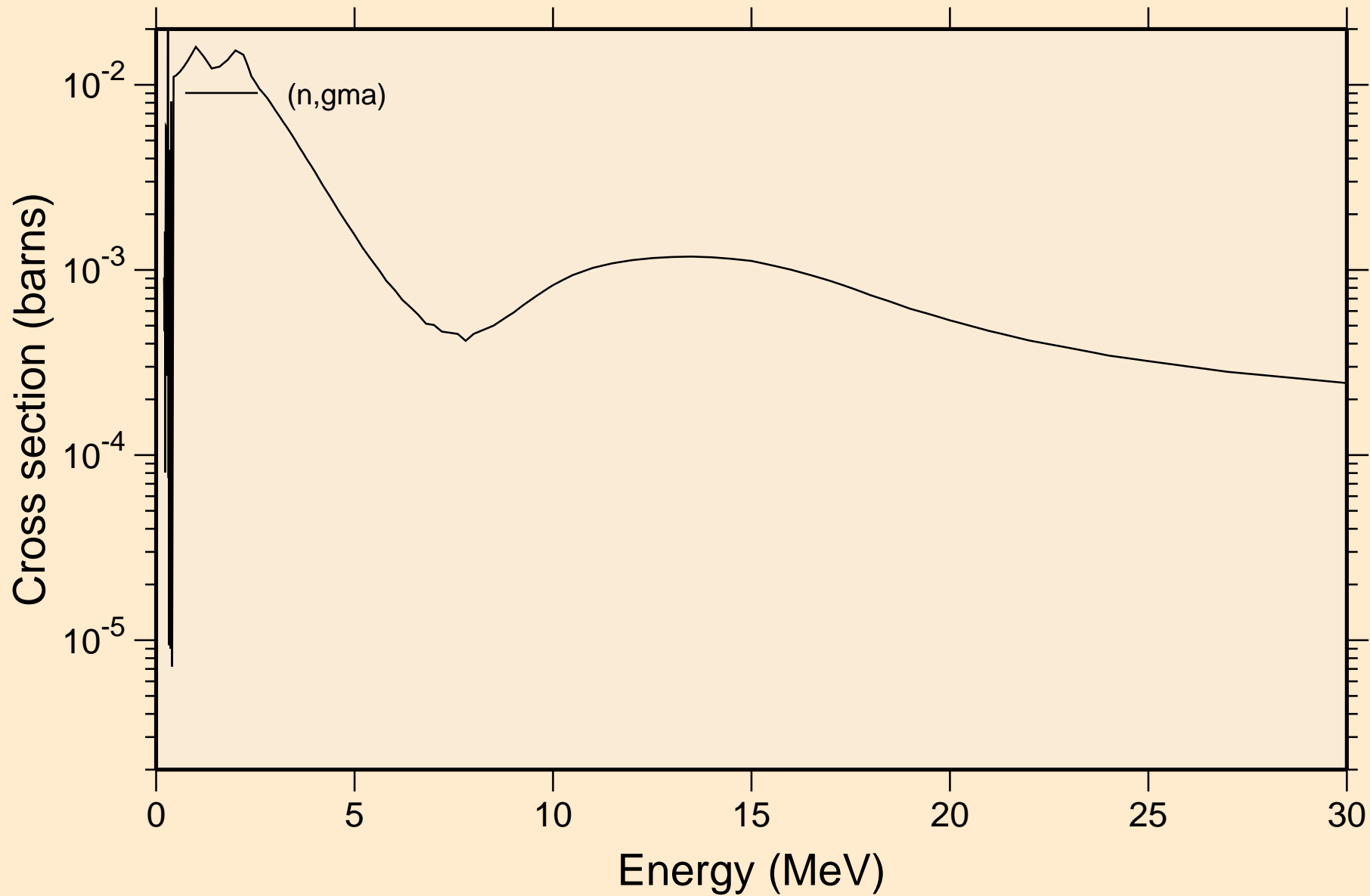
# SN122 NRG TENDL-2015, AKONING

## Principal cross sections



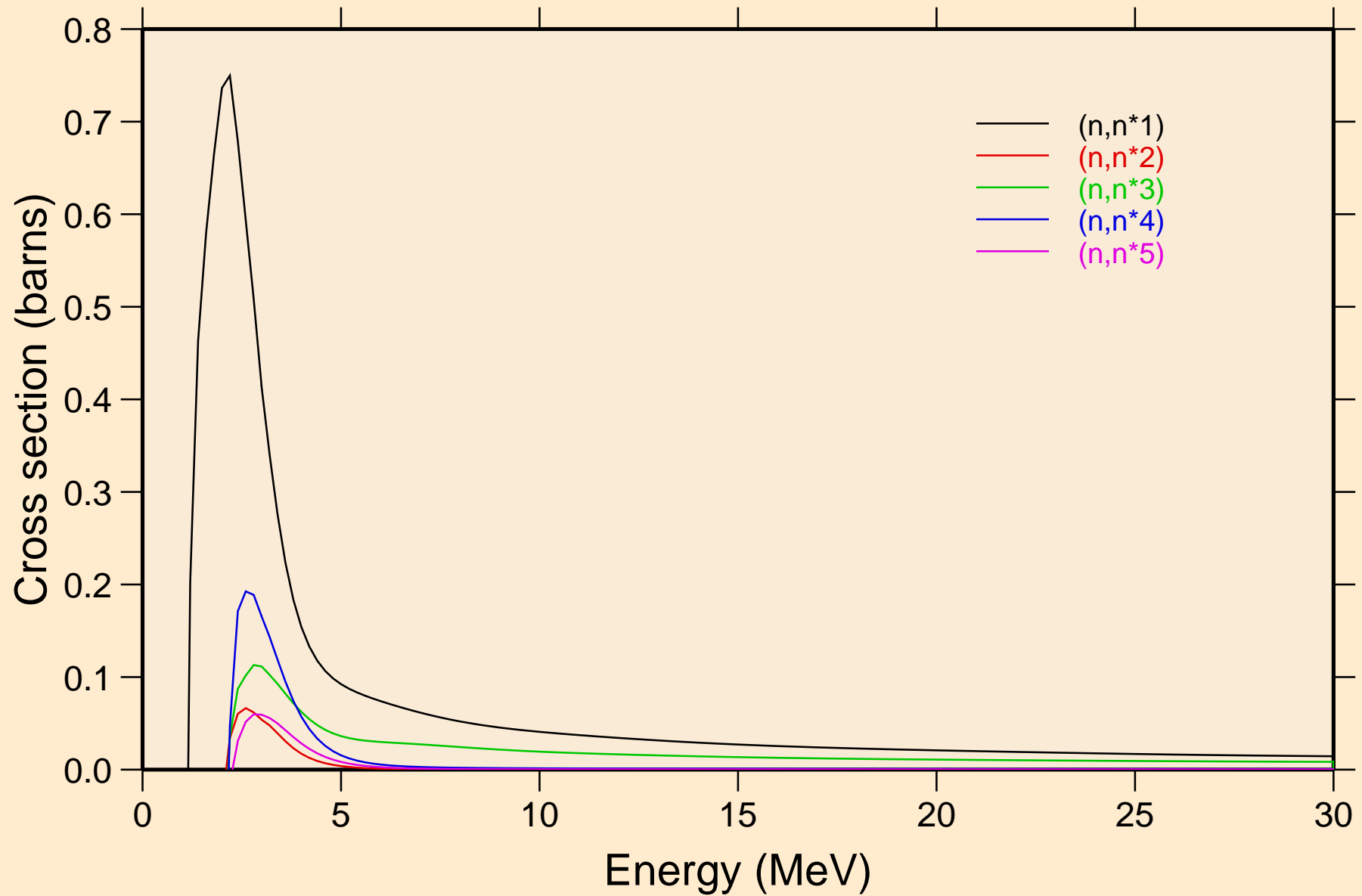
# SN122 NRG TENDL-2015, AKONING

## Non-threshold reactions



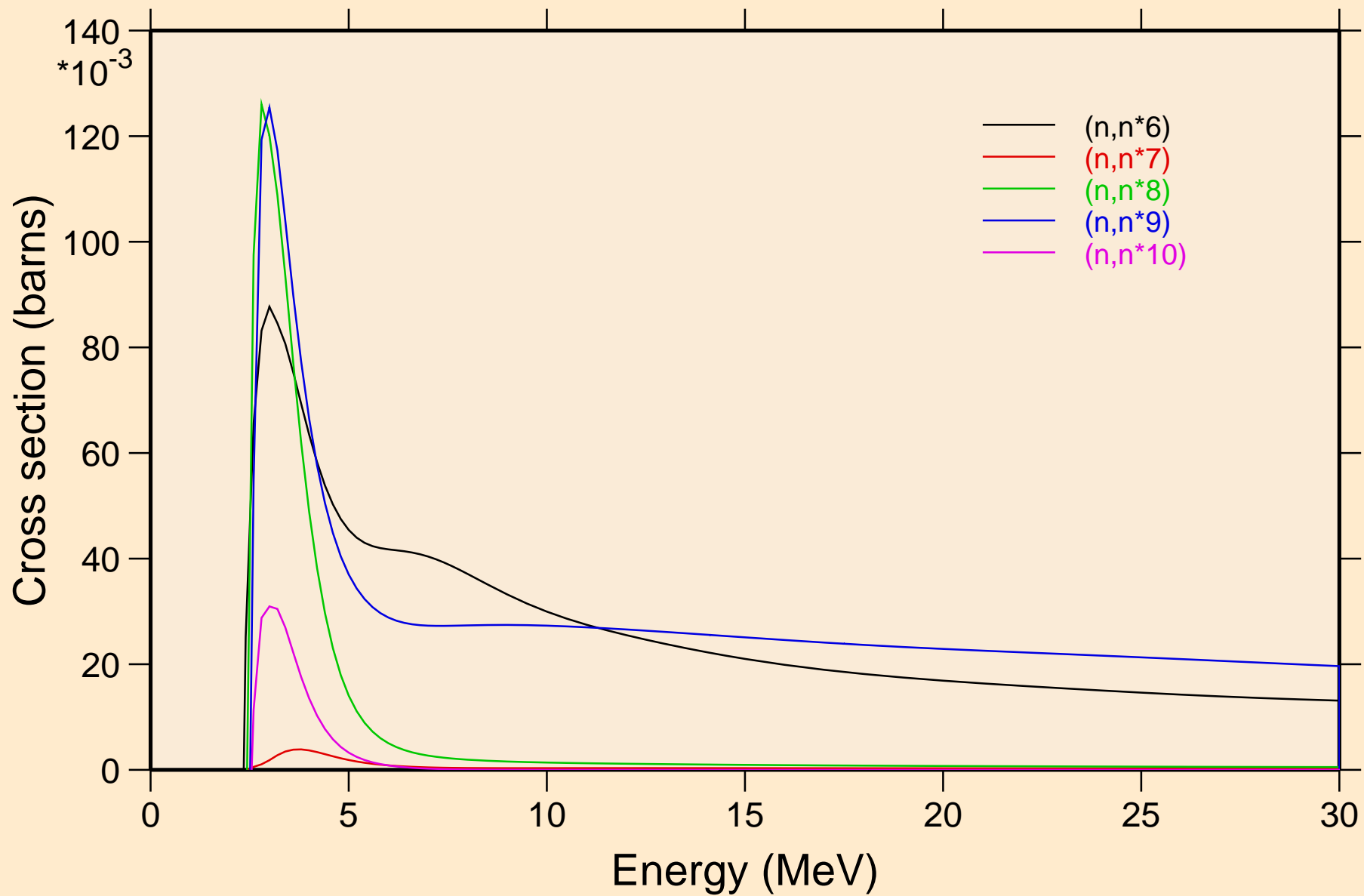
# SN122 NRG TENDL-2015, AKONING

## Inelastic levels



# SN122 NRG TENDL-2015, AKONING

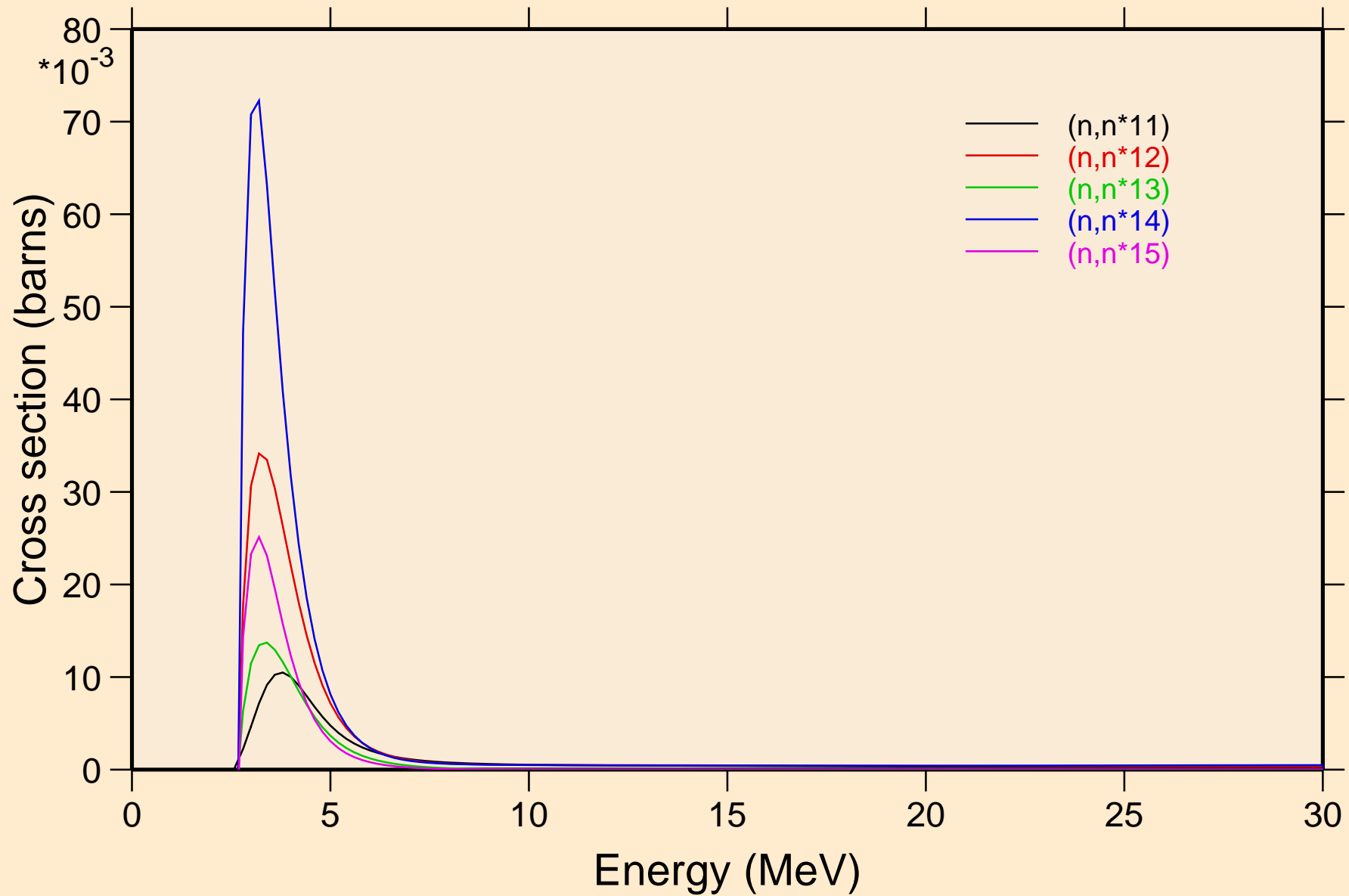
## Inelastic levels





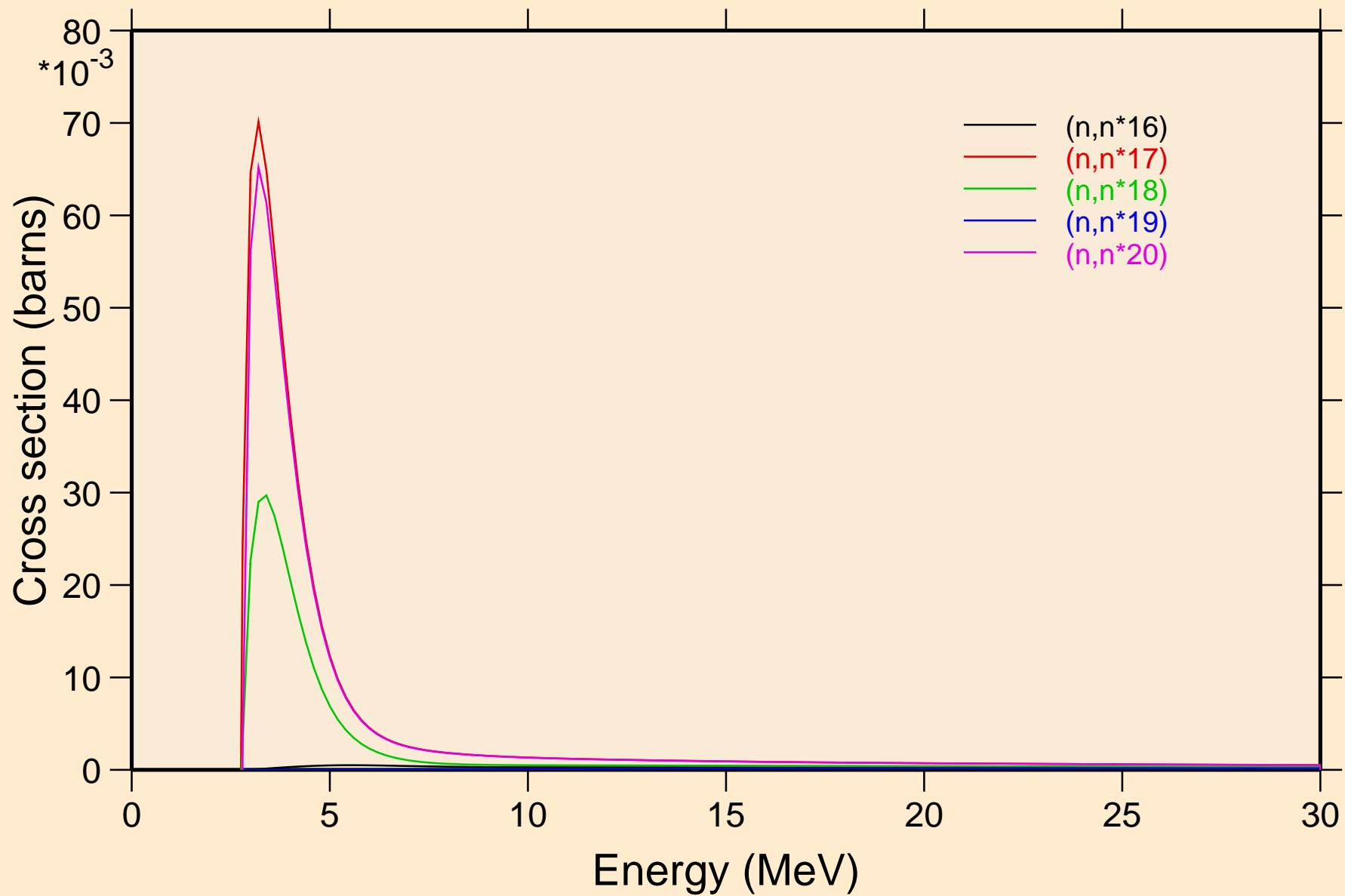
# SN122 NRG TENDL-2015, AKONING

## Inelastic levels



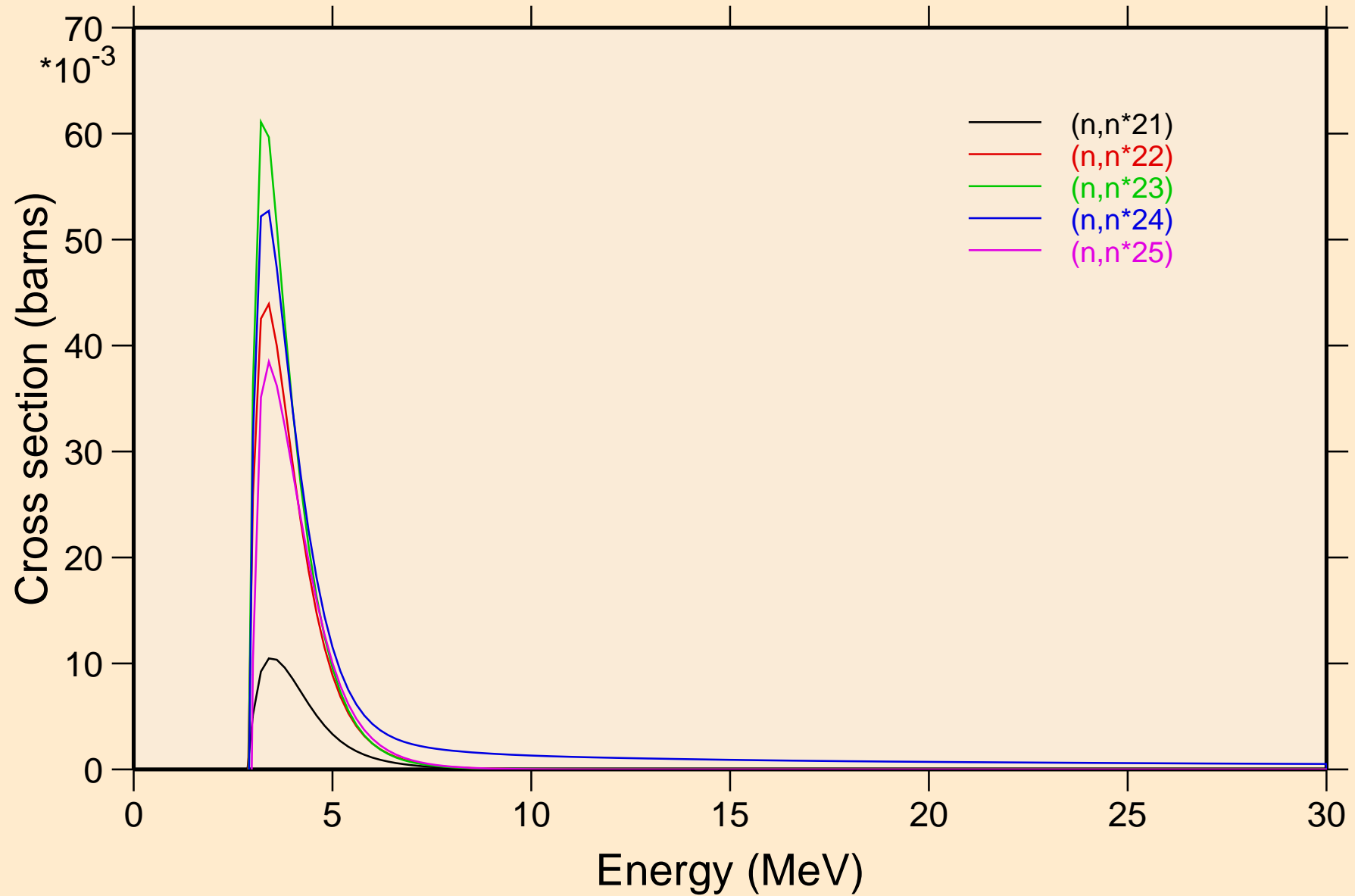
# SN122 NRG TENDL-2015, AKONING

## Inelastic levels



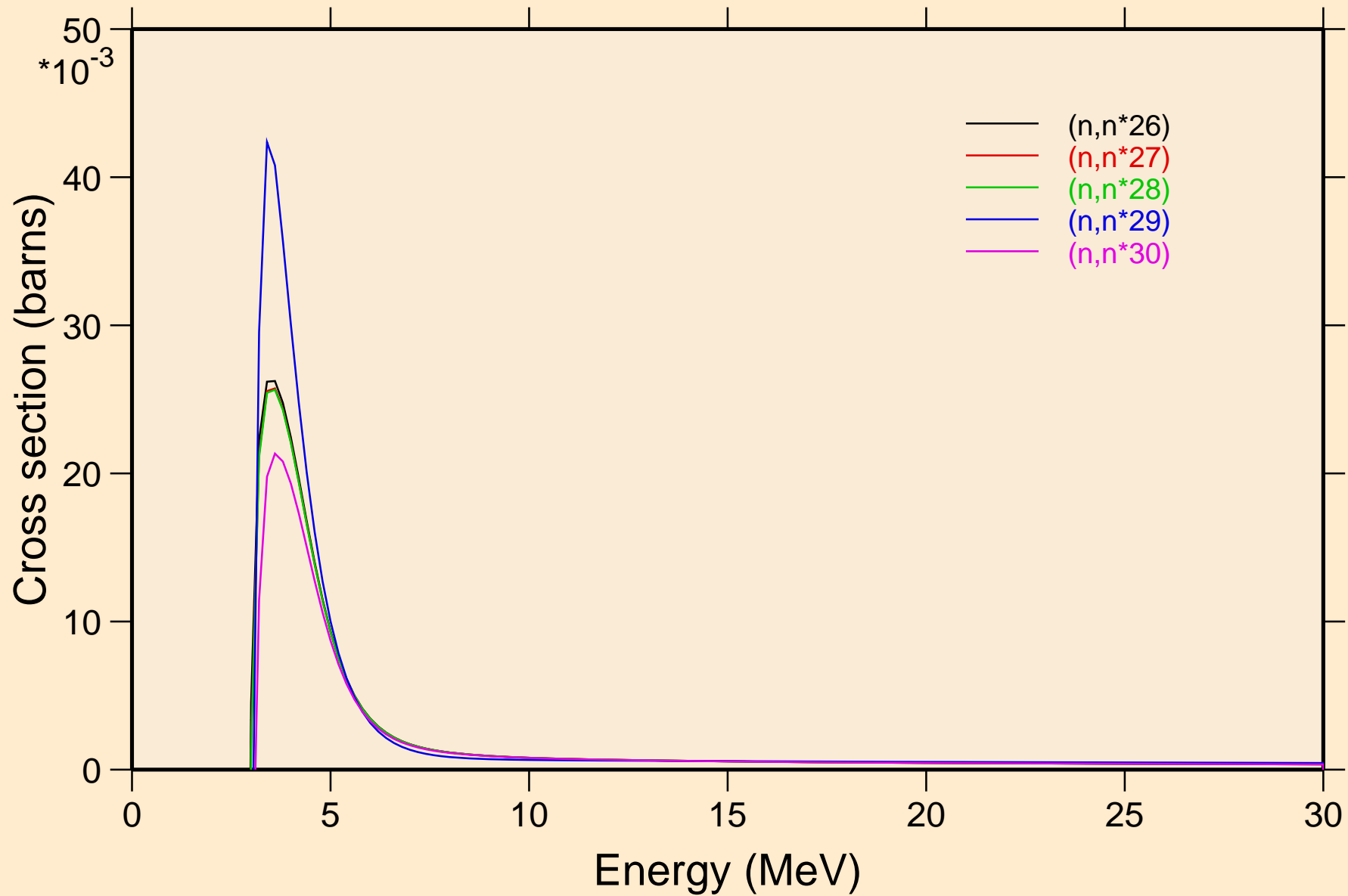
# SN122 NRG TENDL-2015, AKONING

## Inelastic levels



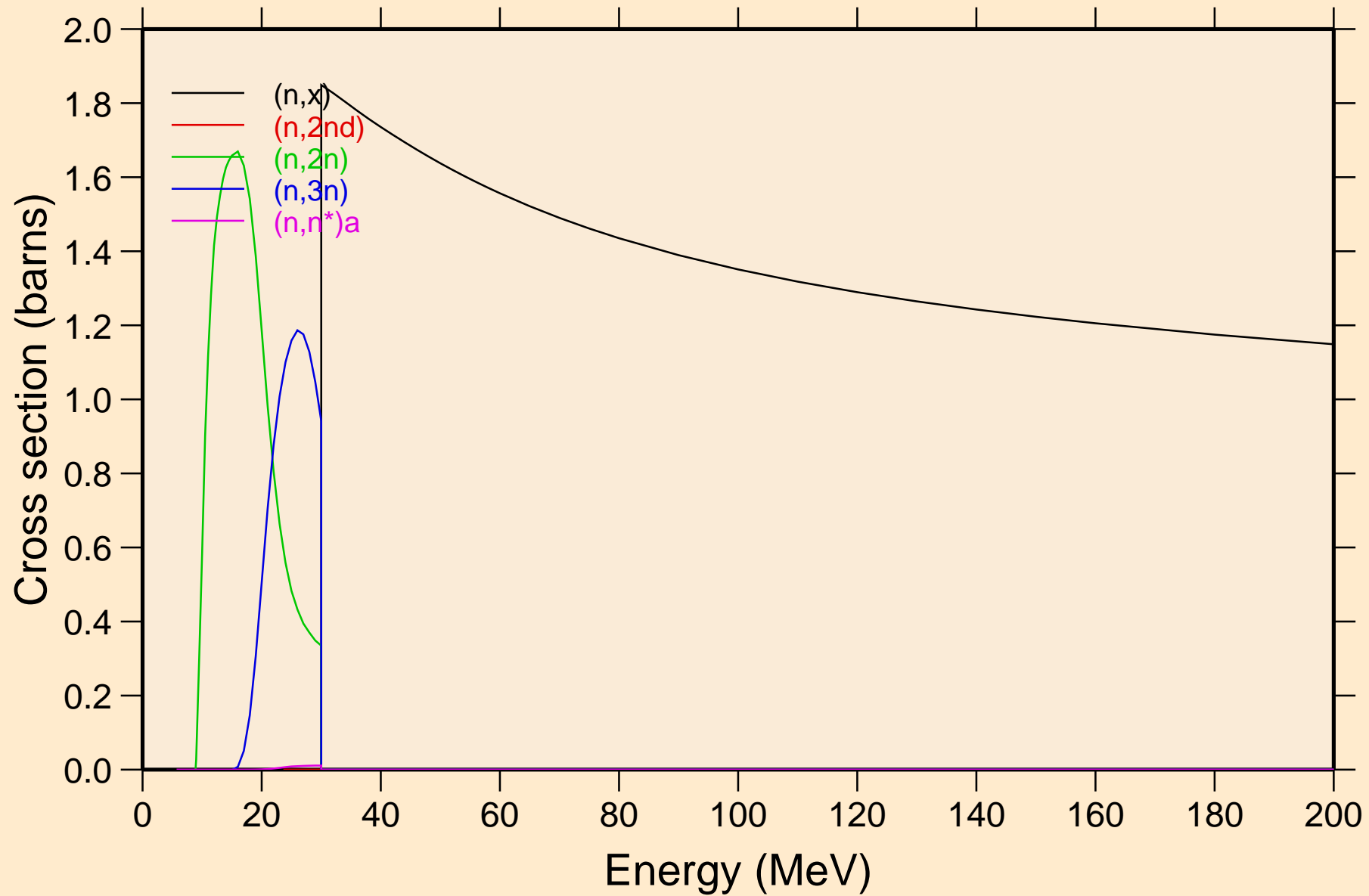
# SN122 NRG TENDL-2015, AKONING

## Inelastic levels



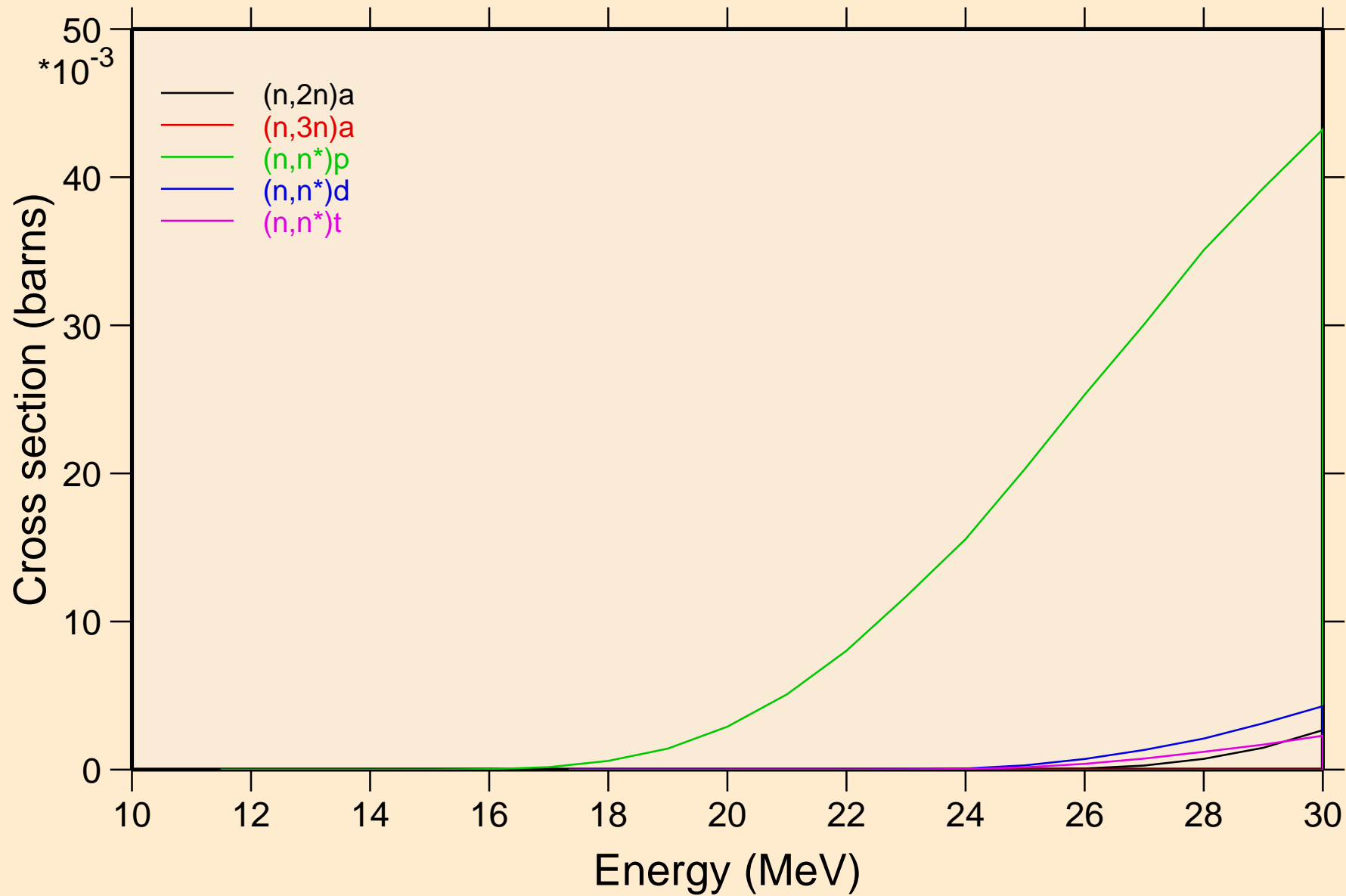
# SN122 NRG TENDL-2015, AKONING

## Threshold reactions



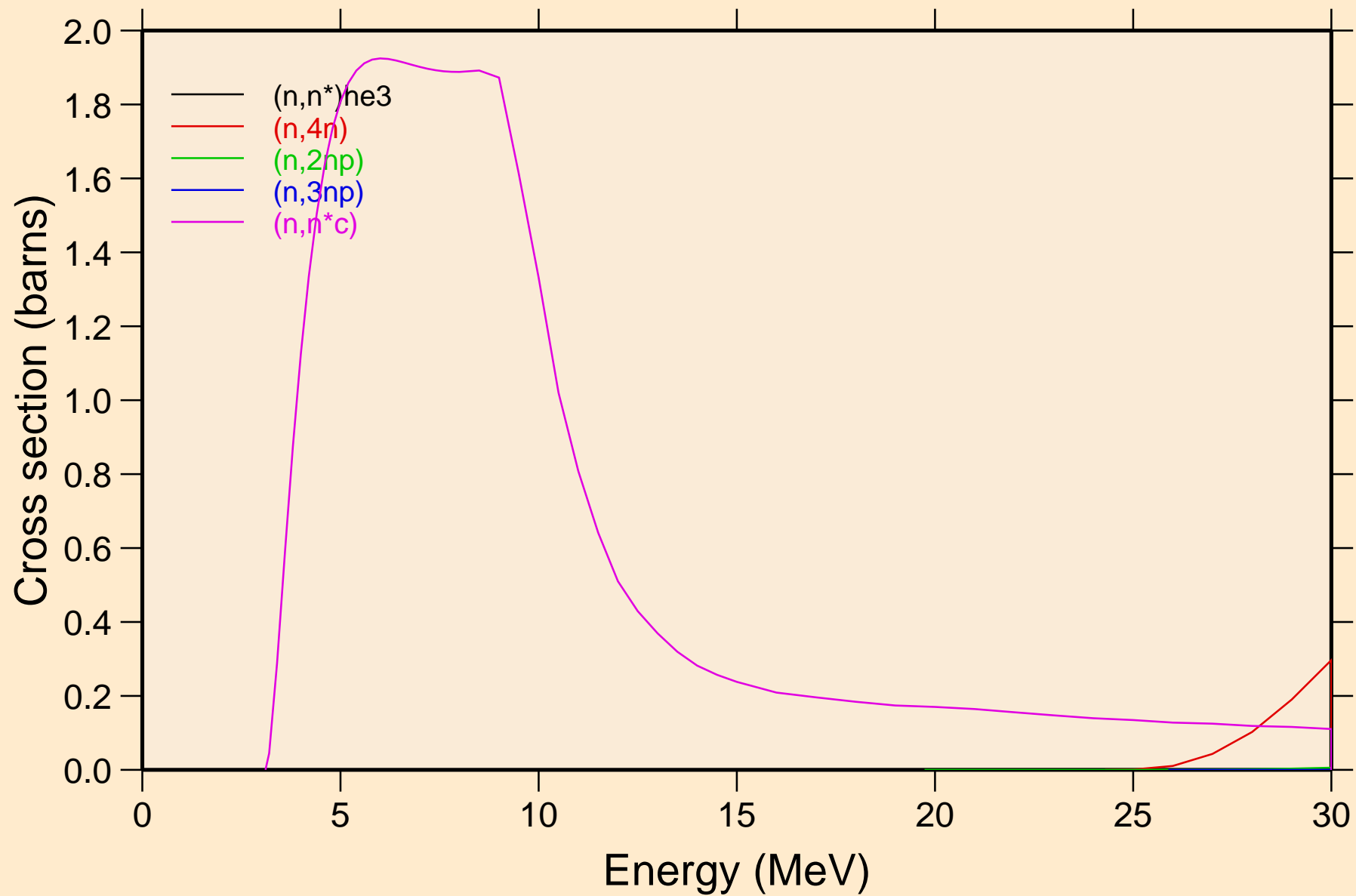
# SN122 NRG TENDL-2015, AKONING

## Threshold reactions



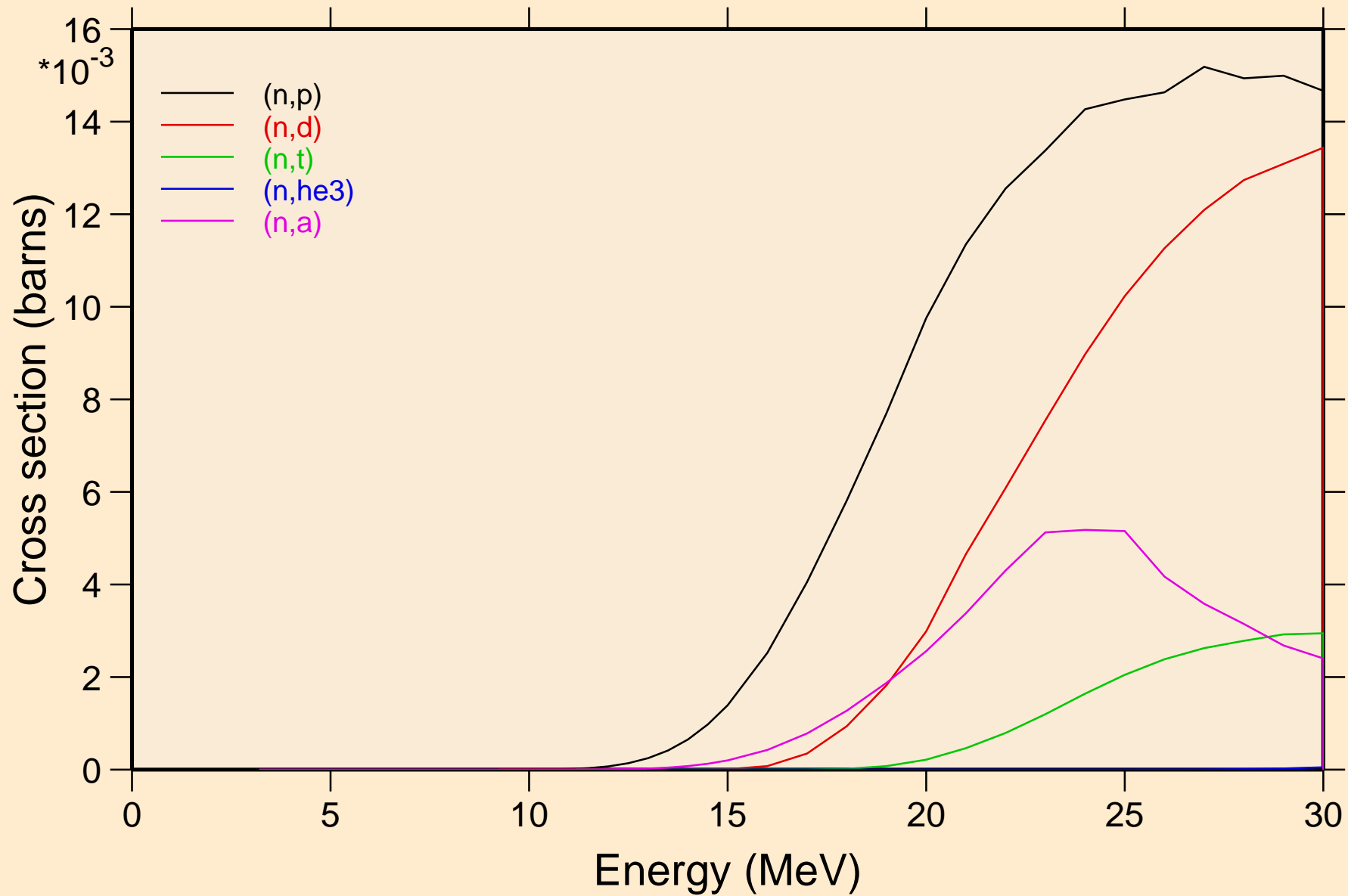
# SN122 NRG TENDL-2015, AKONING

## Threshold reactions



# SN122 NRG TENDL-2015, AKONING

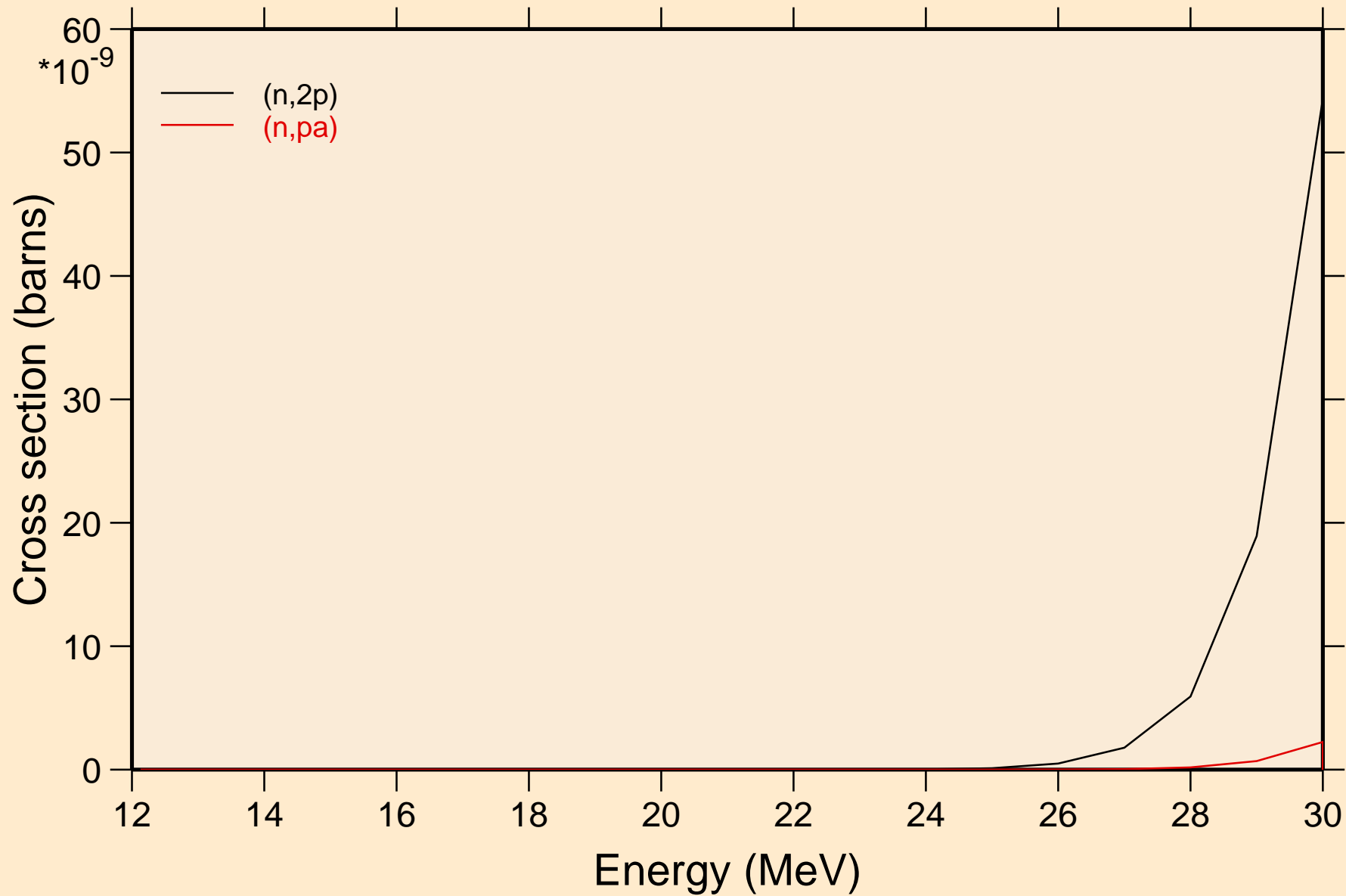
## Threshold reactions



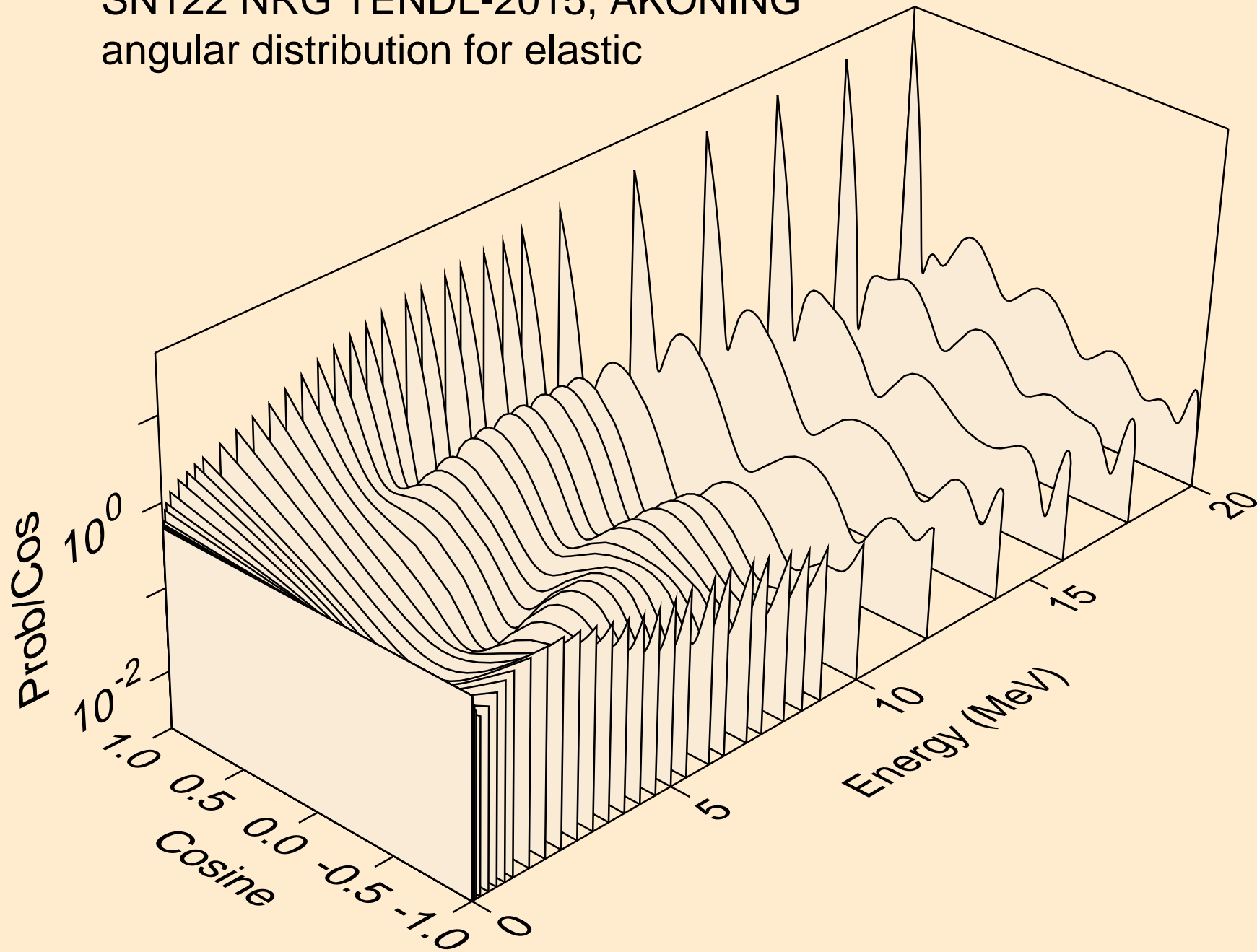


# SN122 NRG TENDL-2015, AKONING

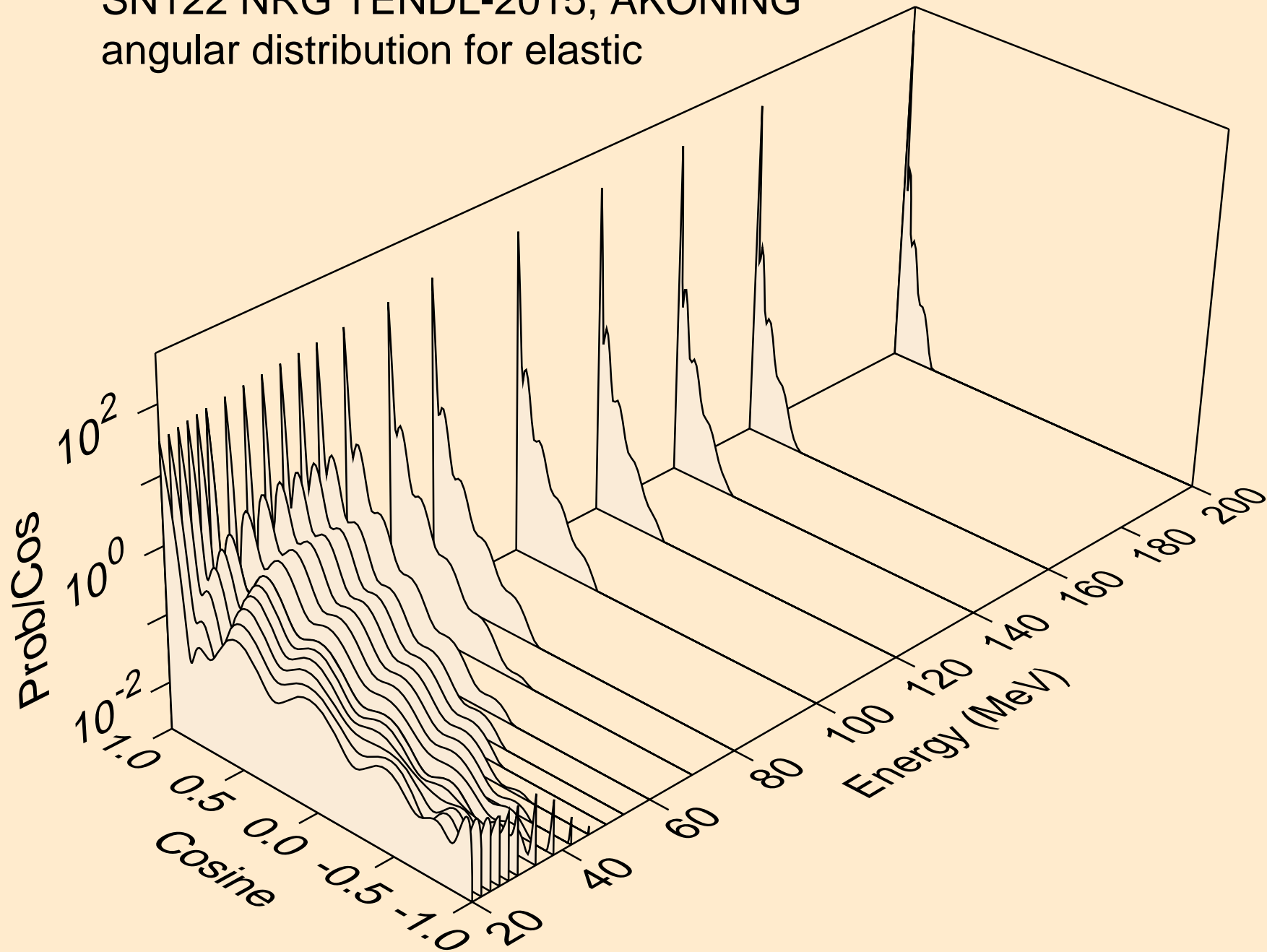
## Threshold reactions



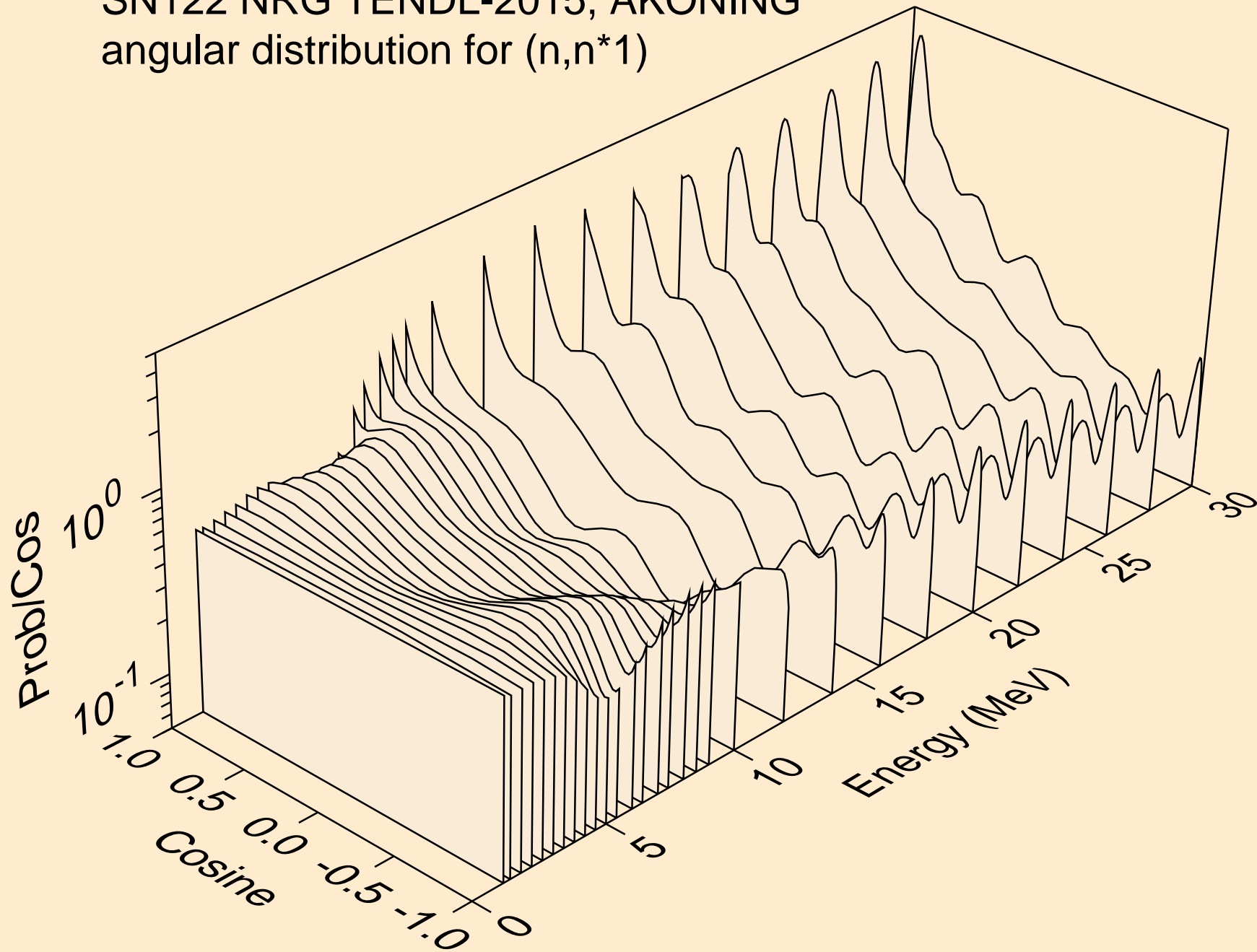
SN122 NRG TENDL-2015, AKONING  
angular distribution for elastic



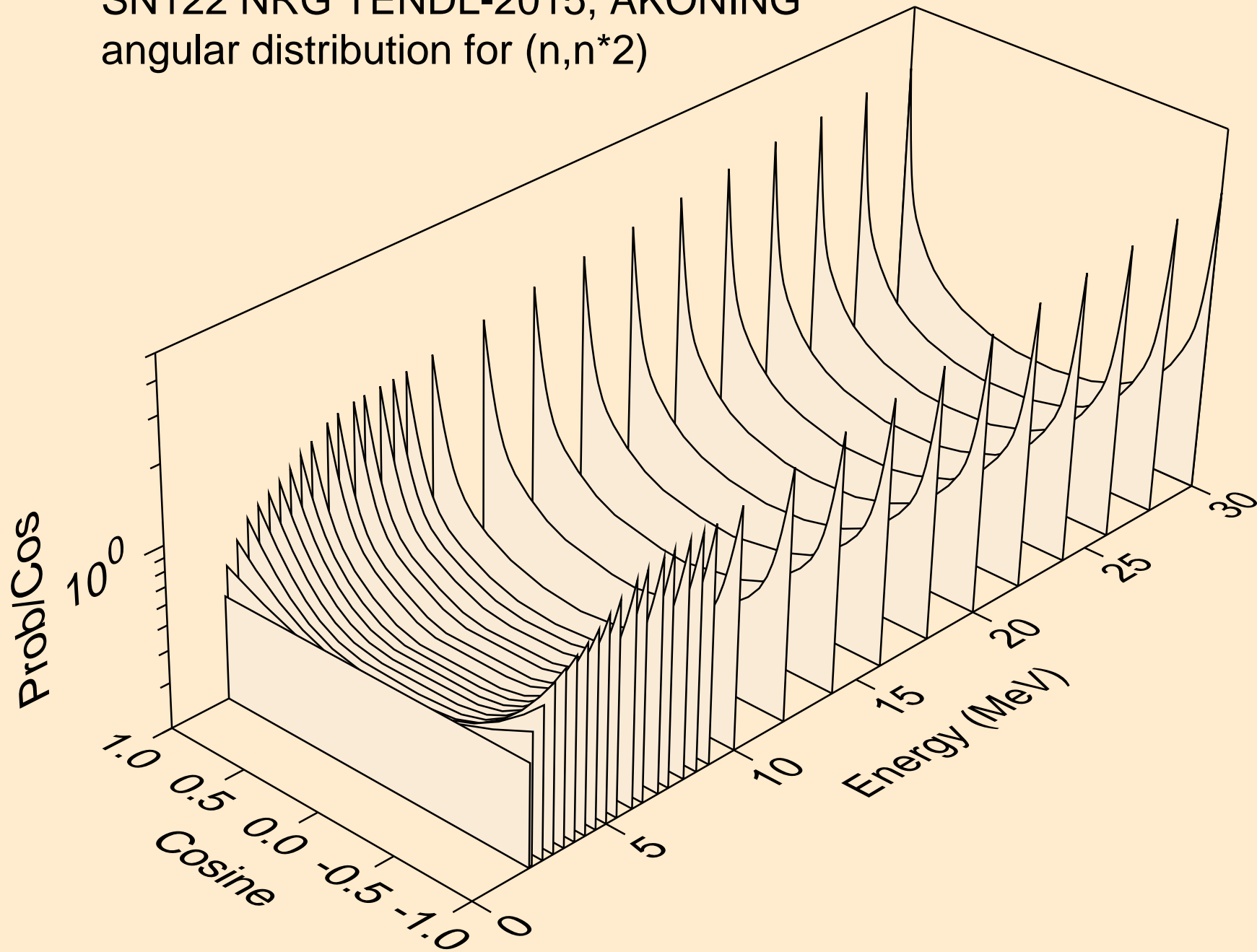
SN122 NRG TENDL-2015, AKONING  
angular distribution for elastic



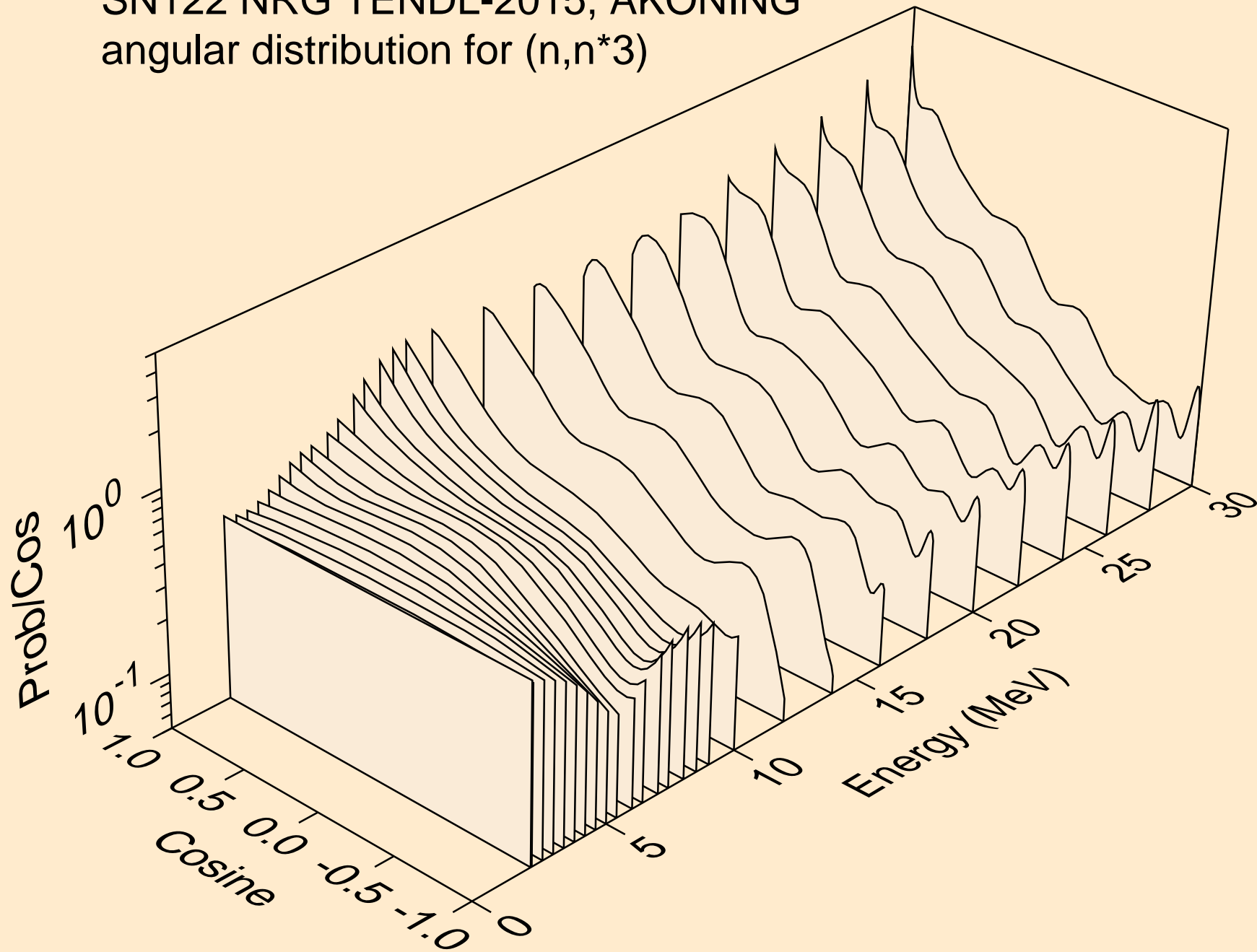
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



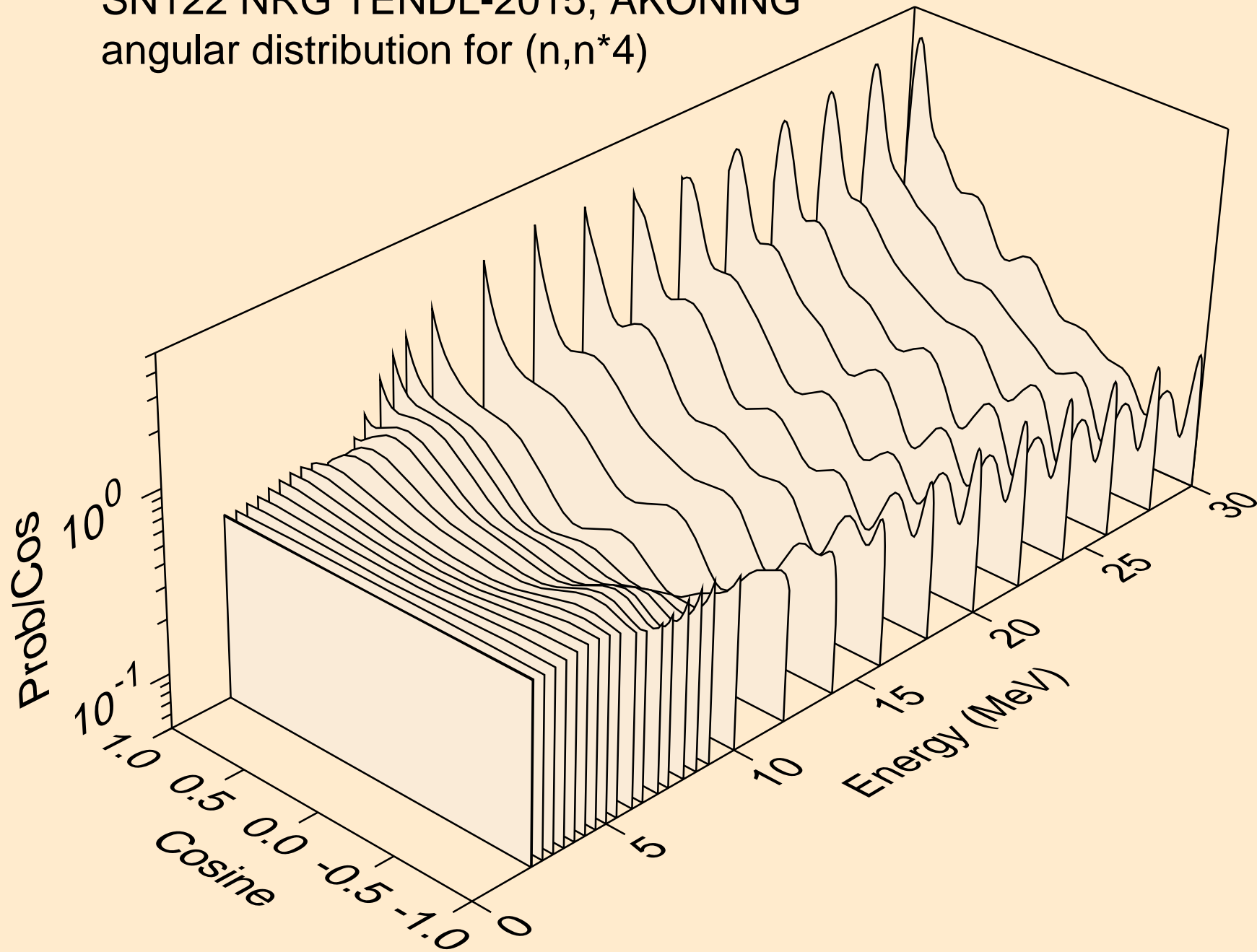
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



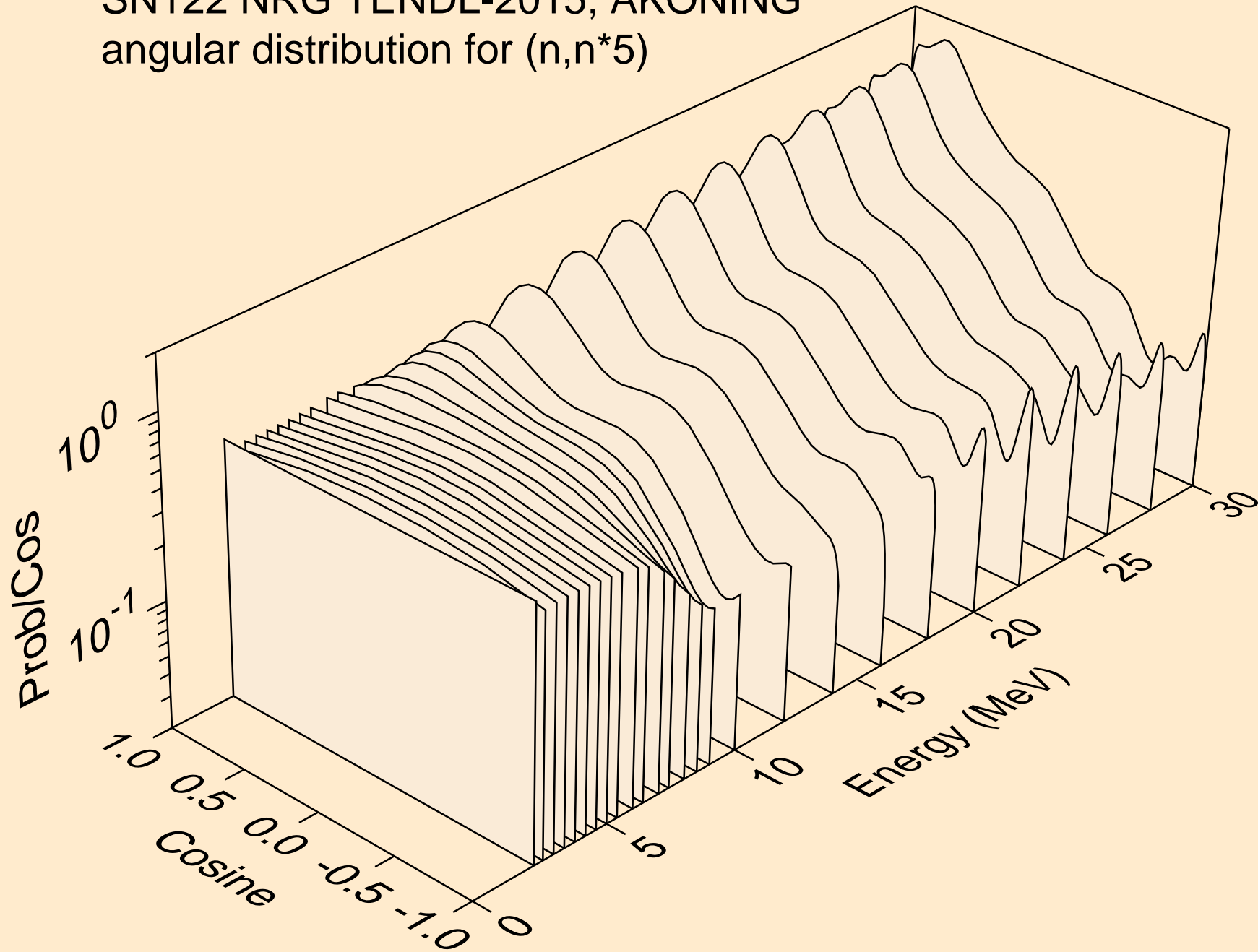
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

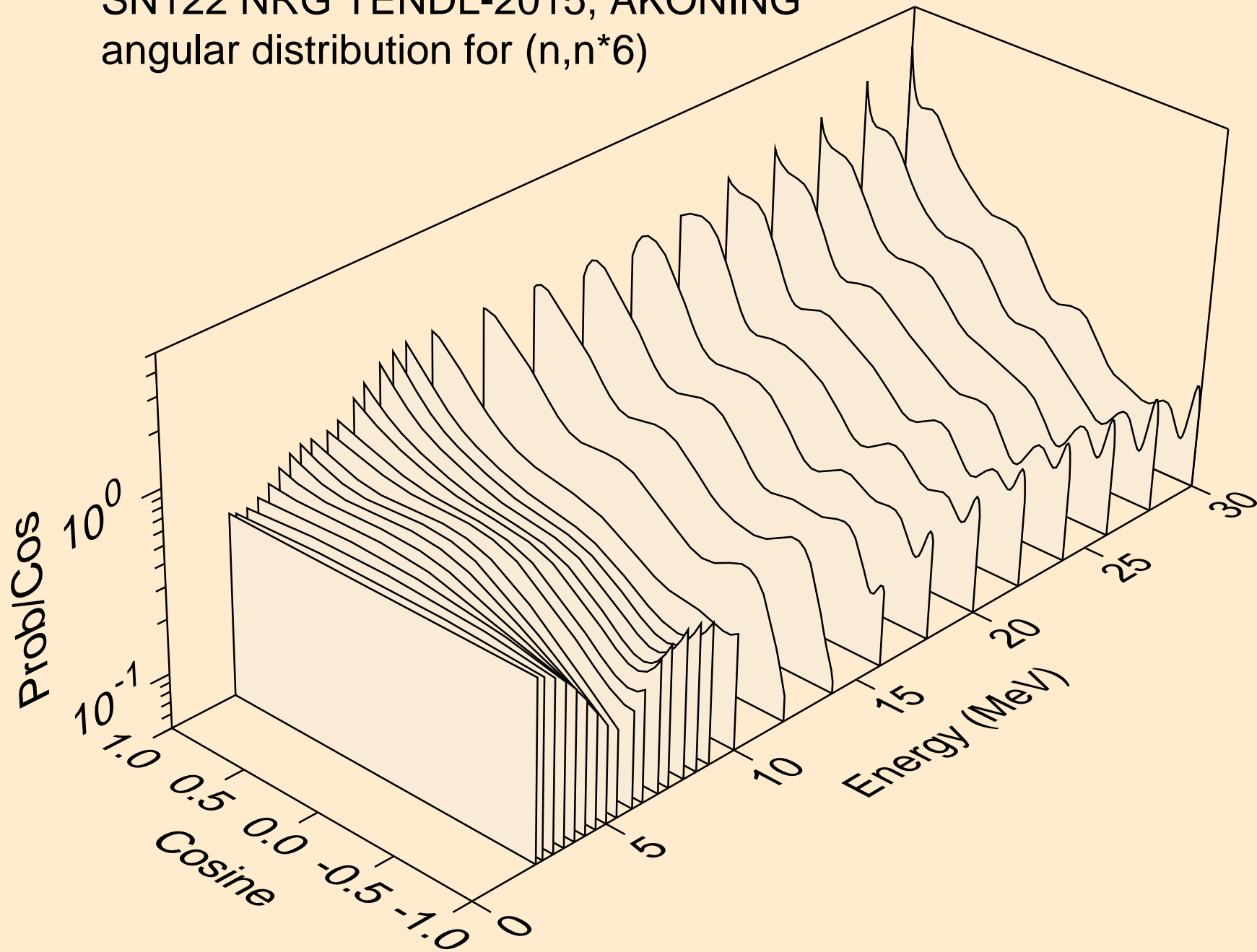


SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)

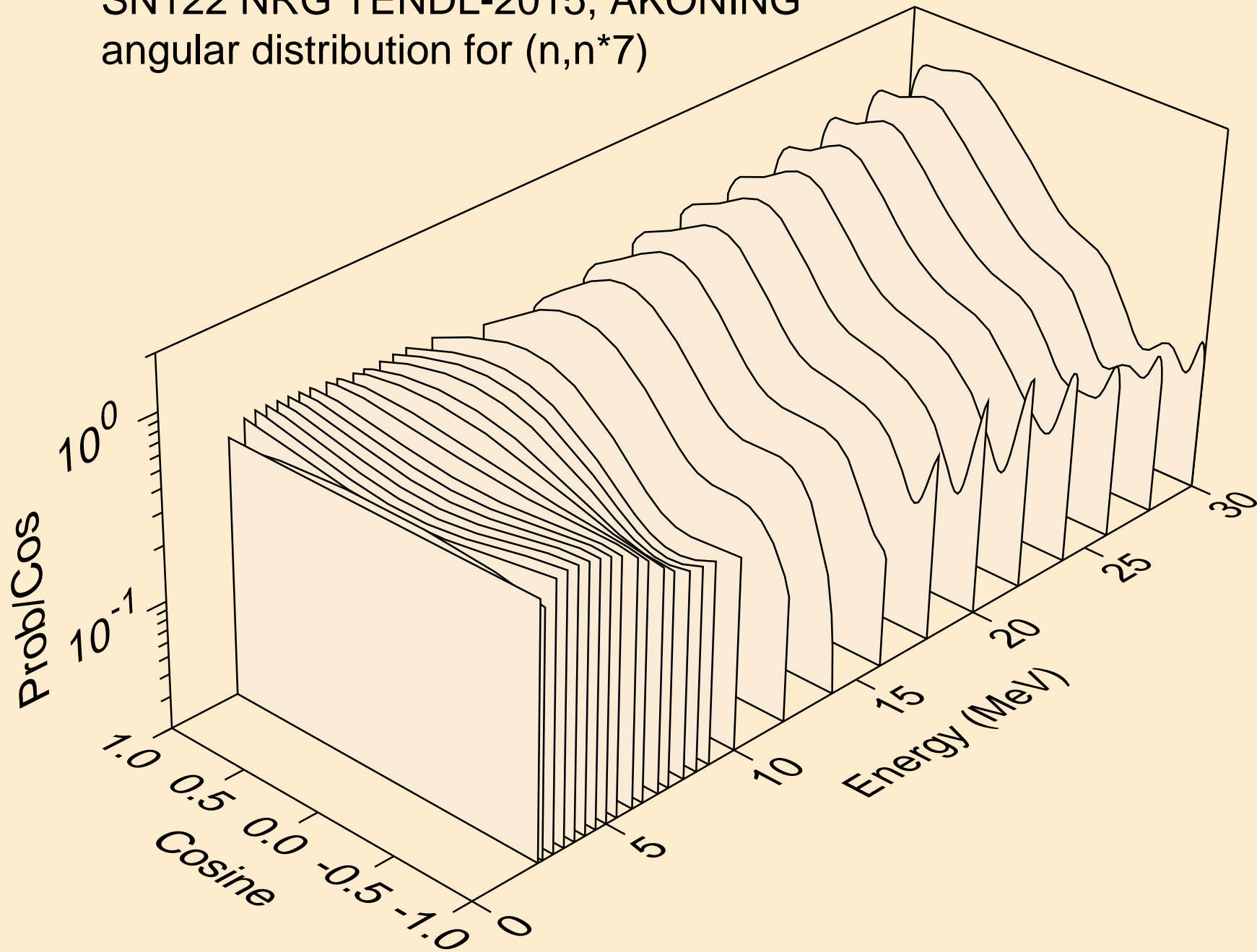




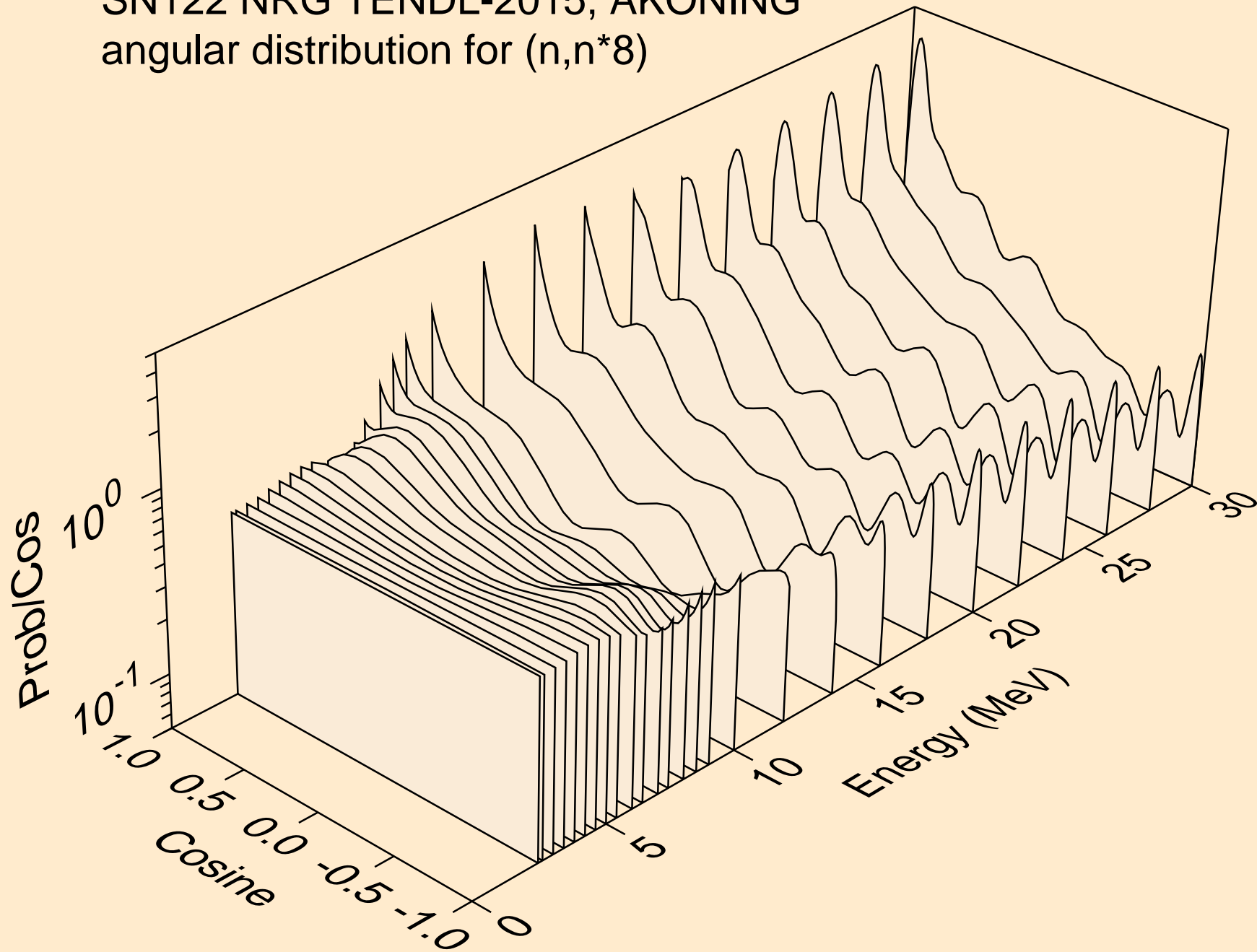
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



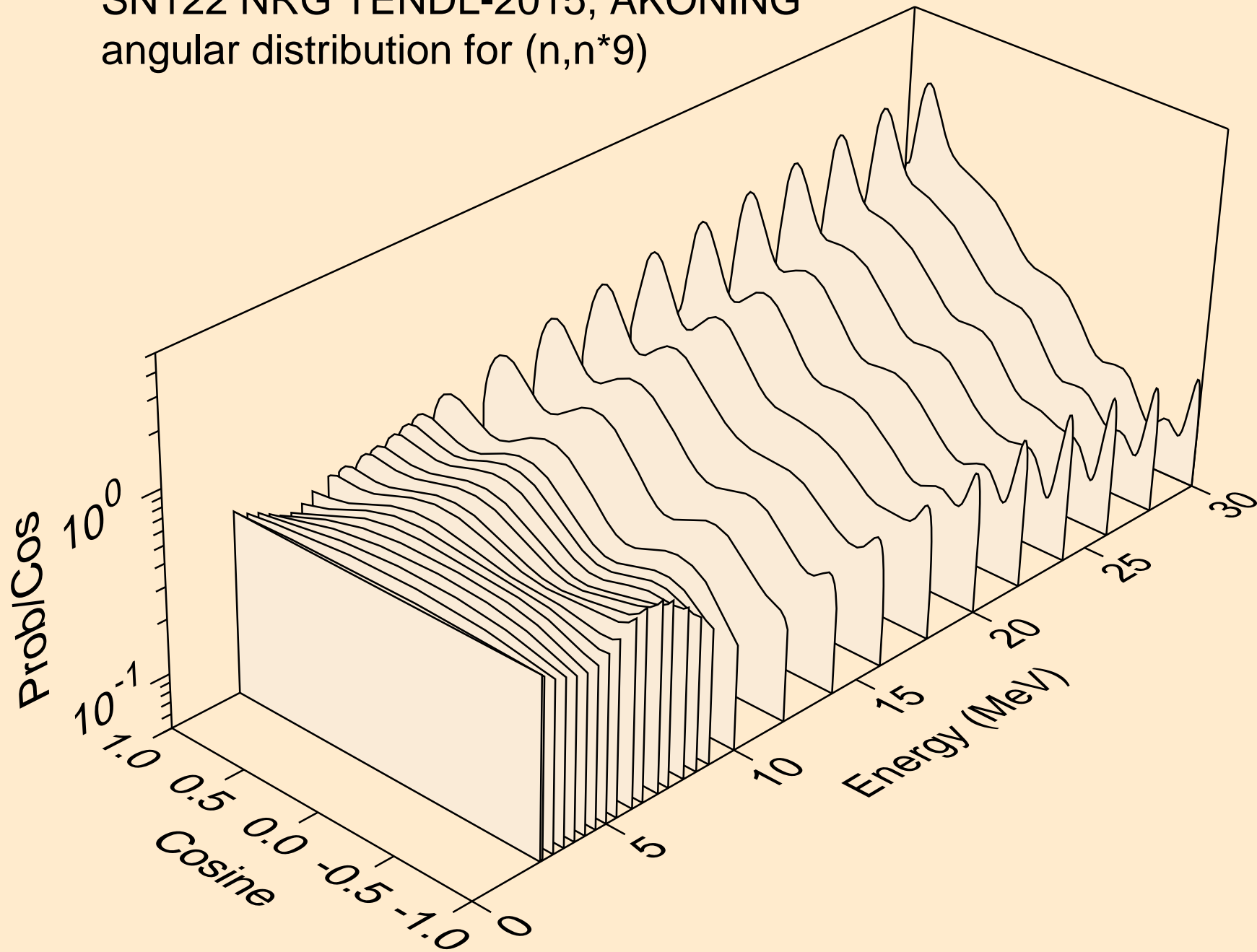
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



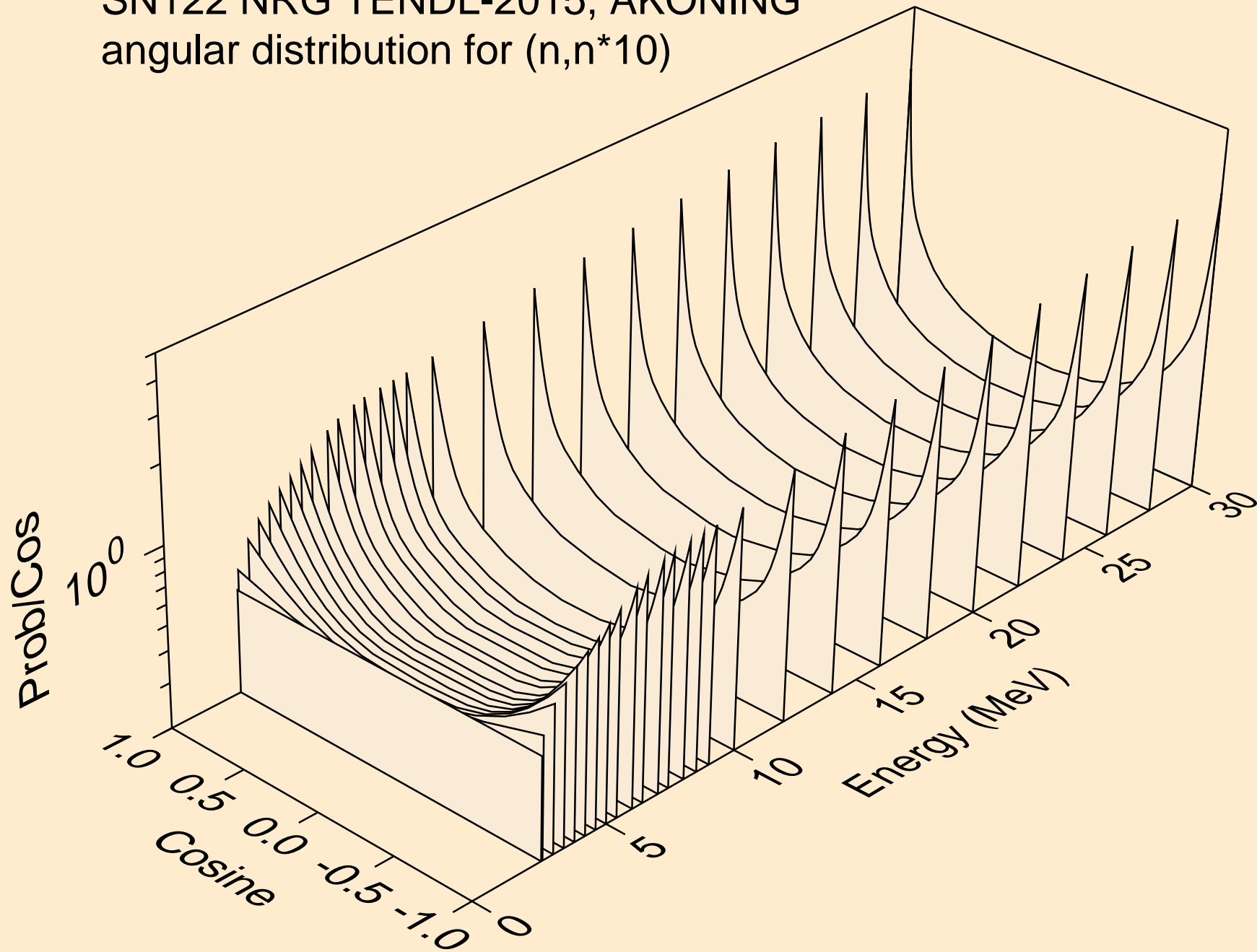
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



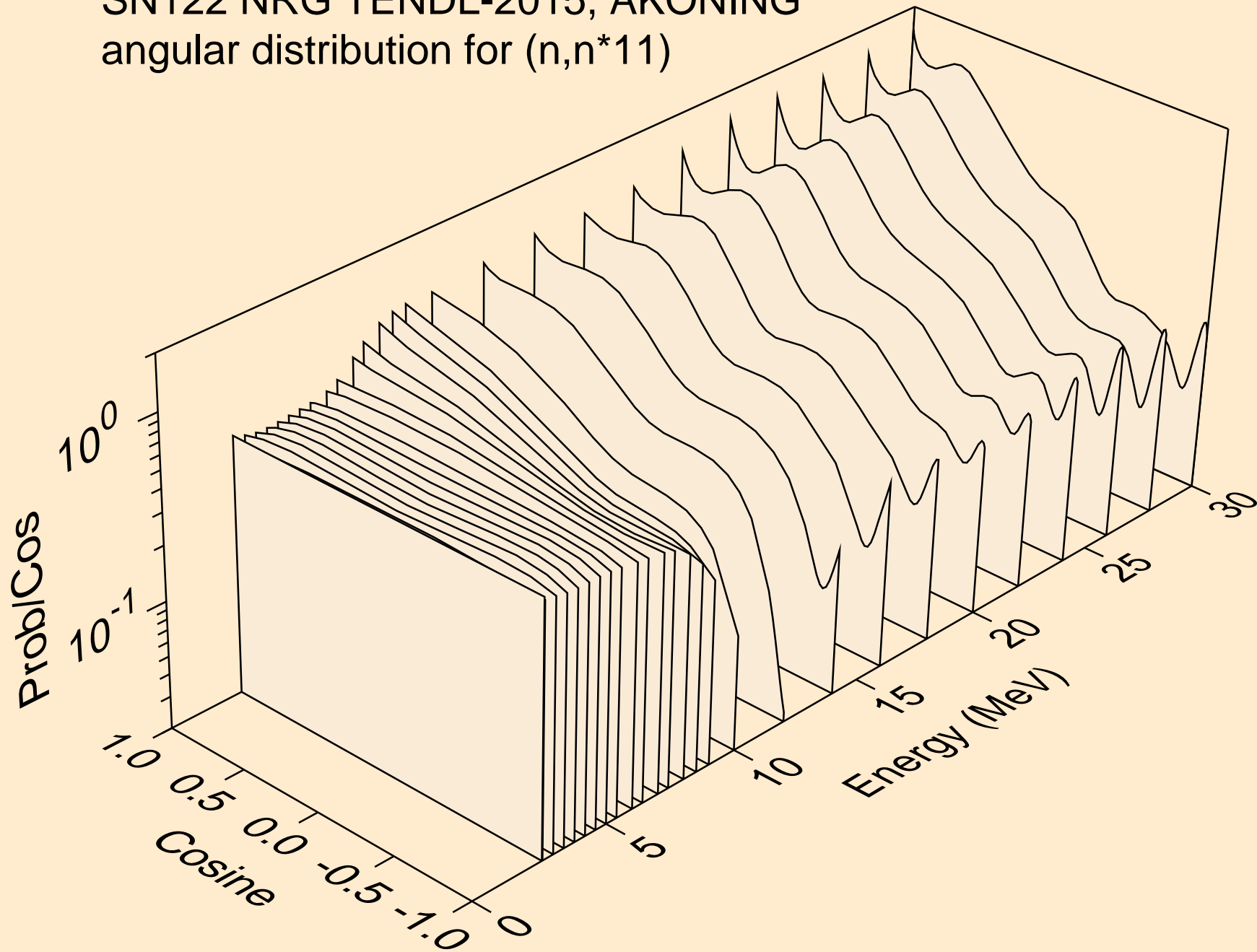
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



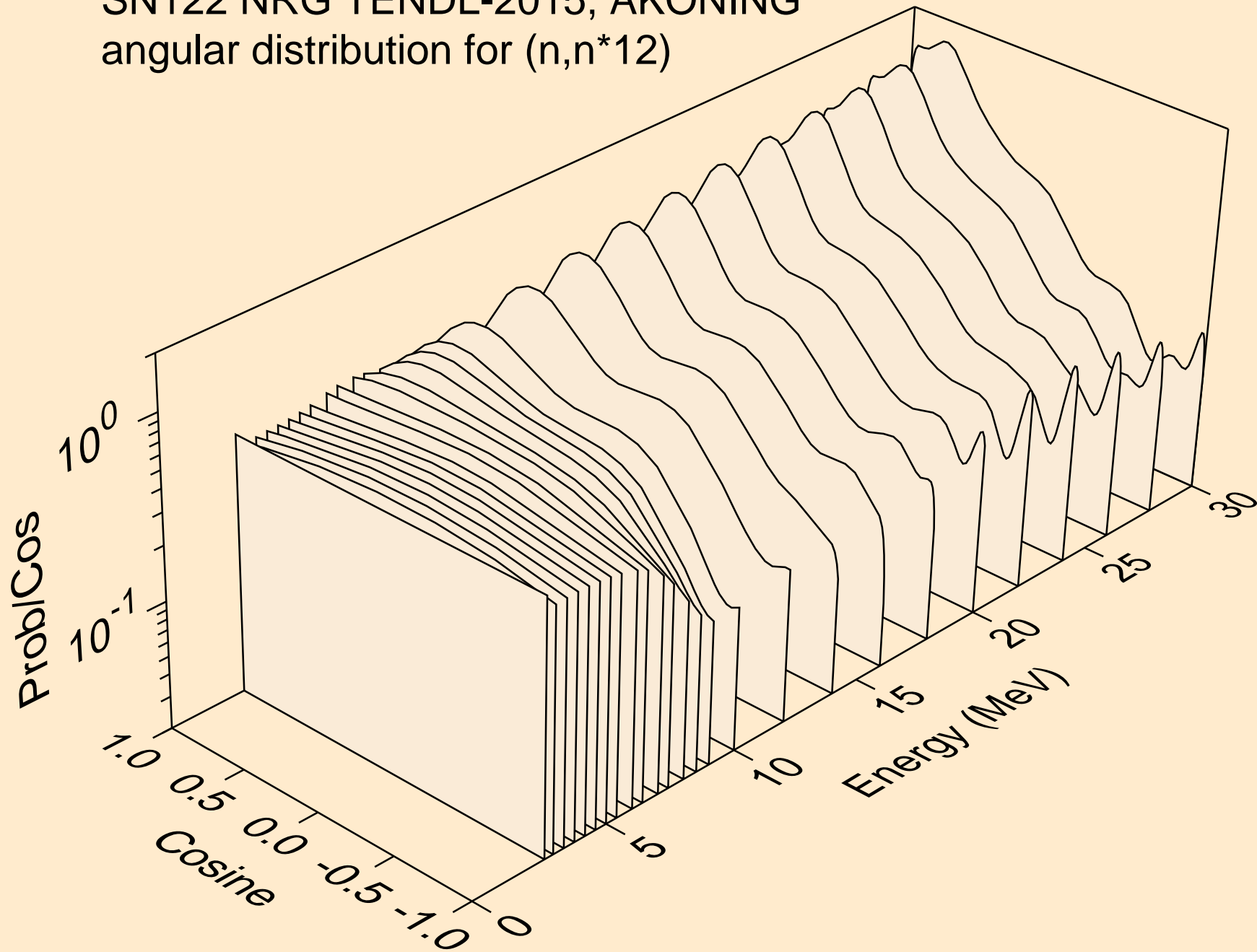
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



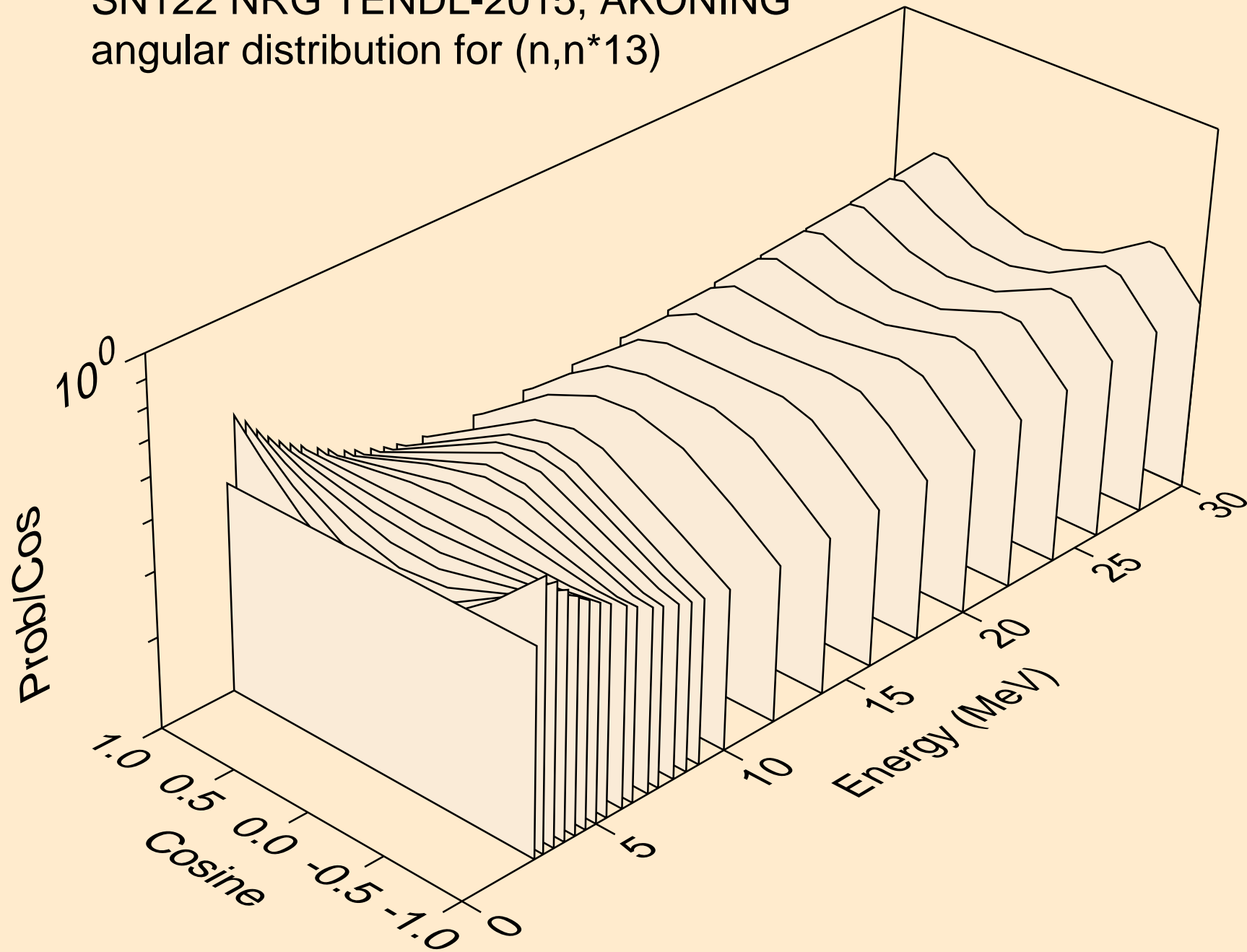
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

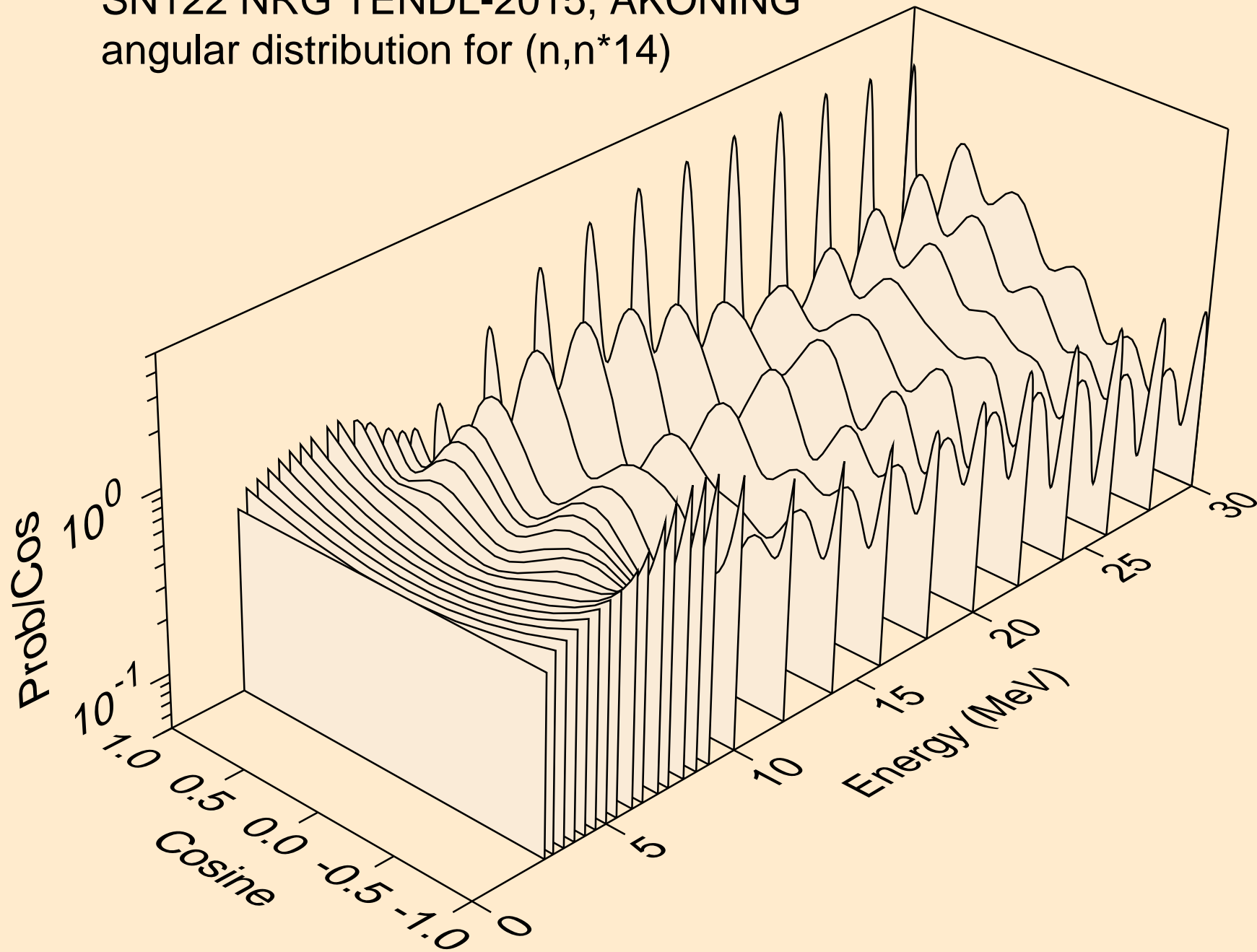


SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)

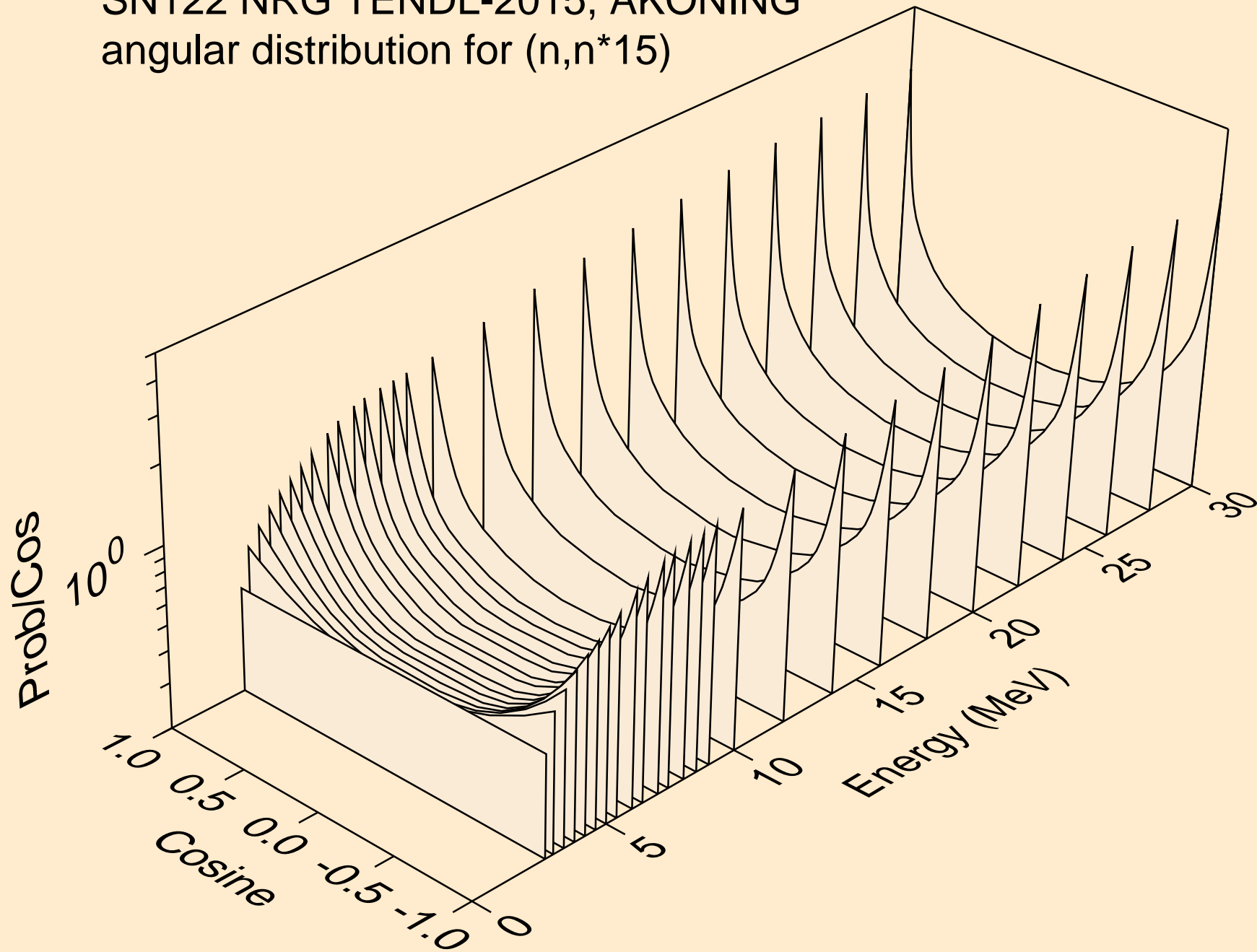




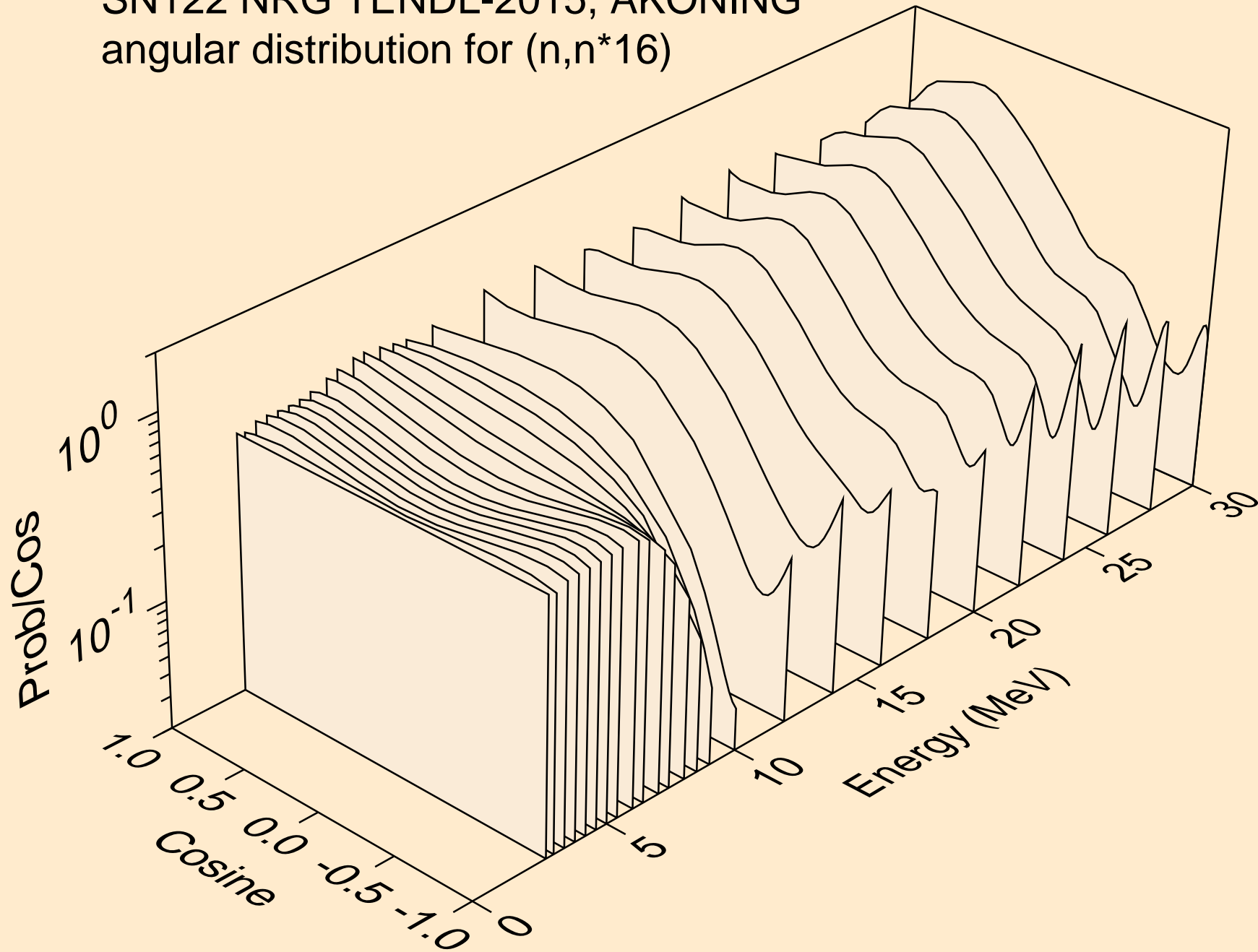
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



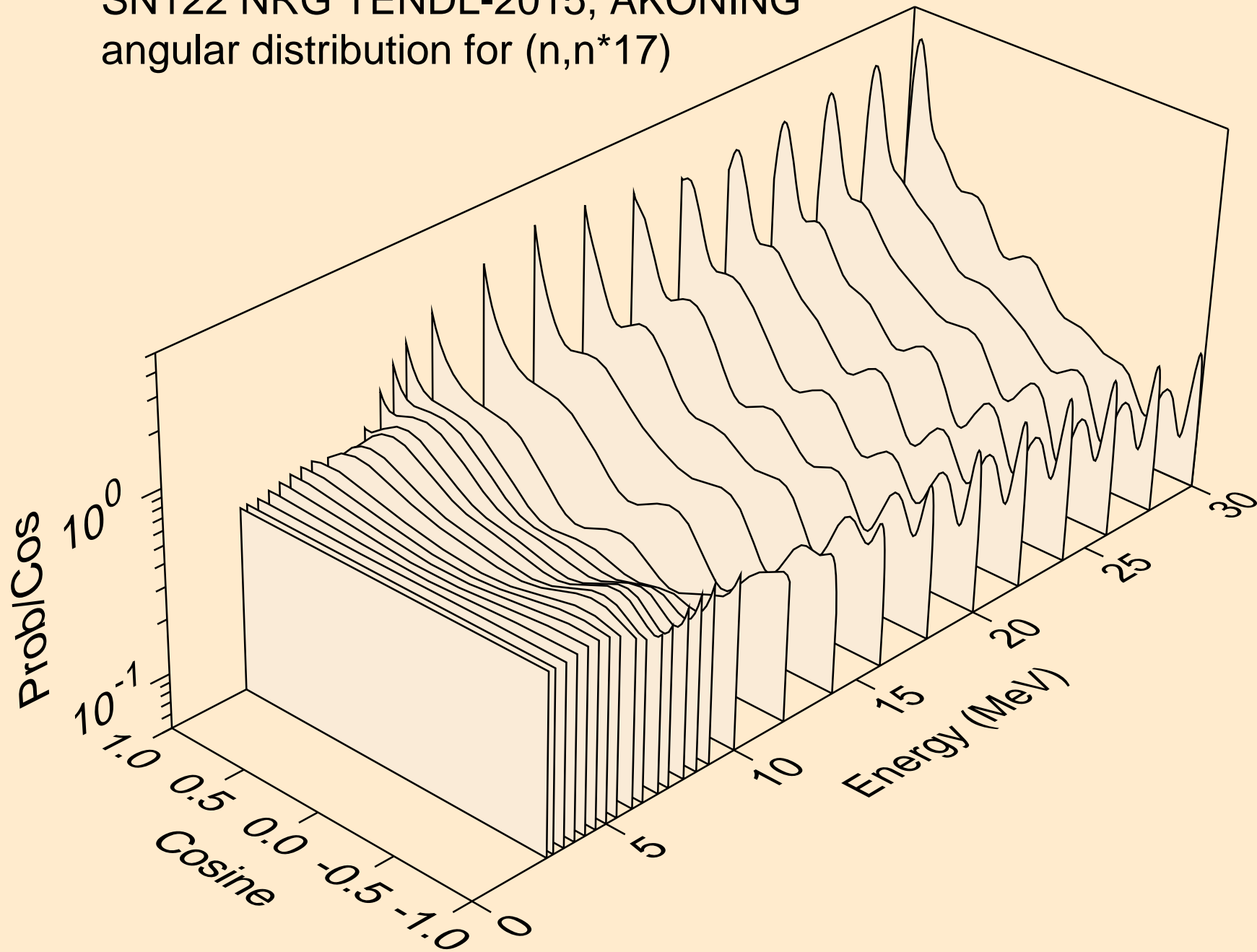
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



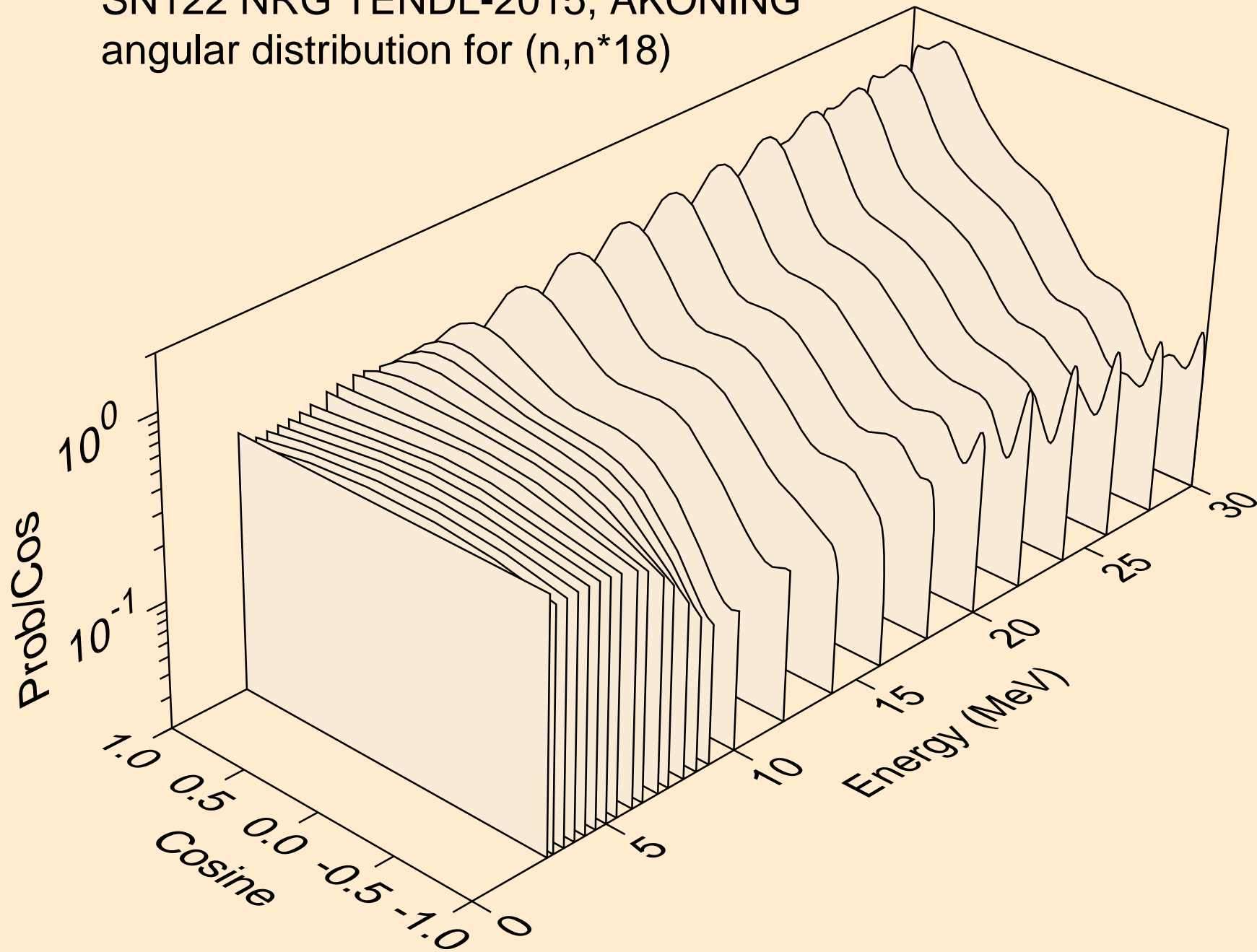
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



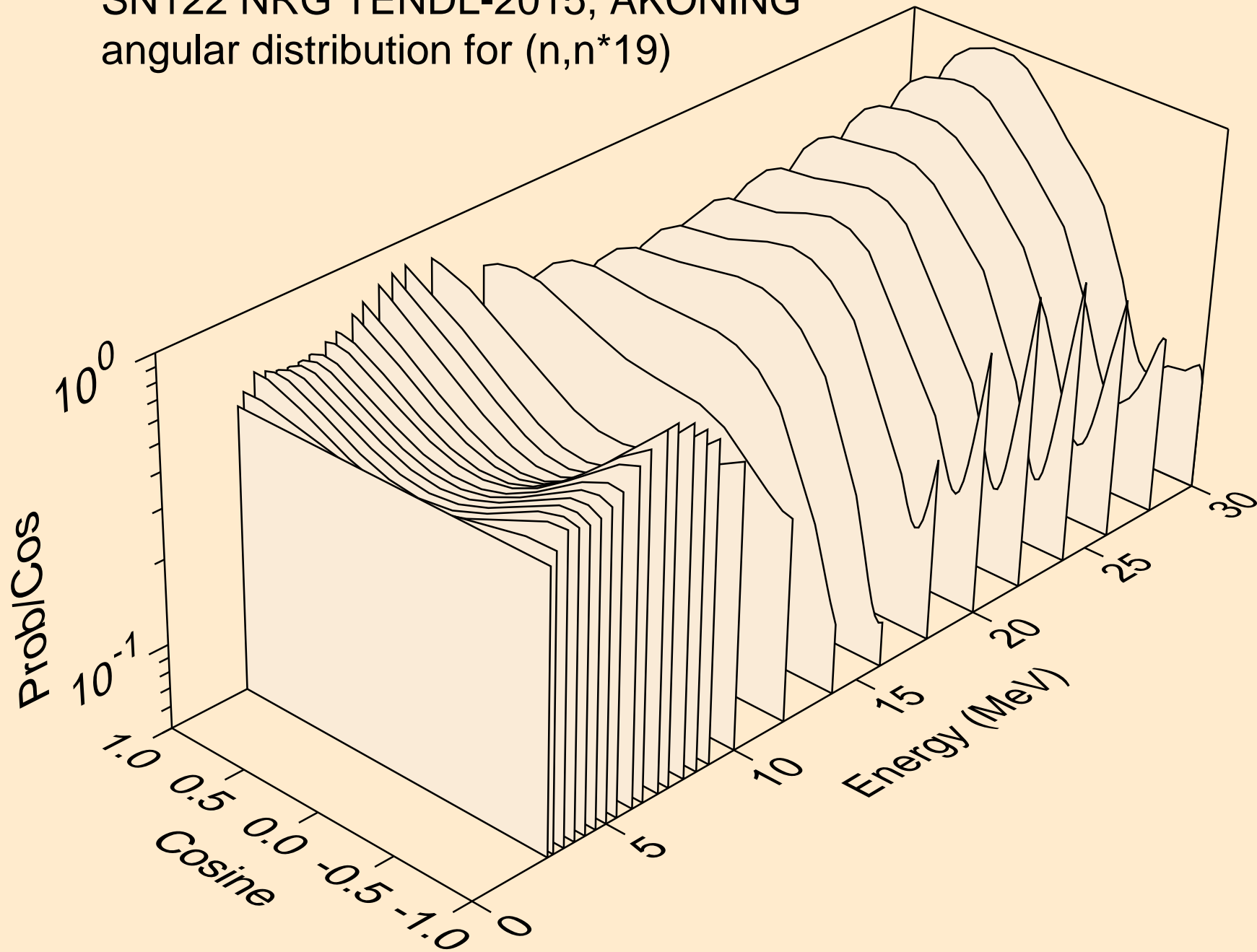
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



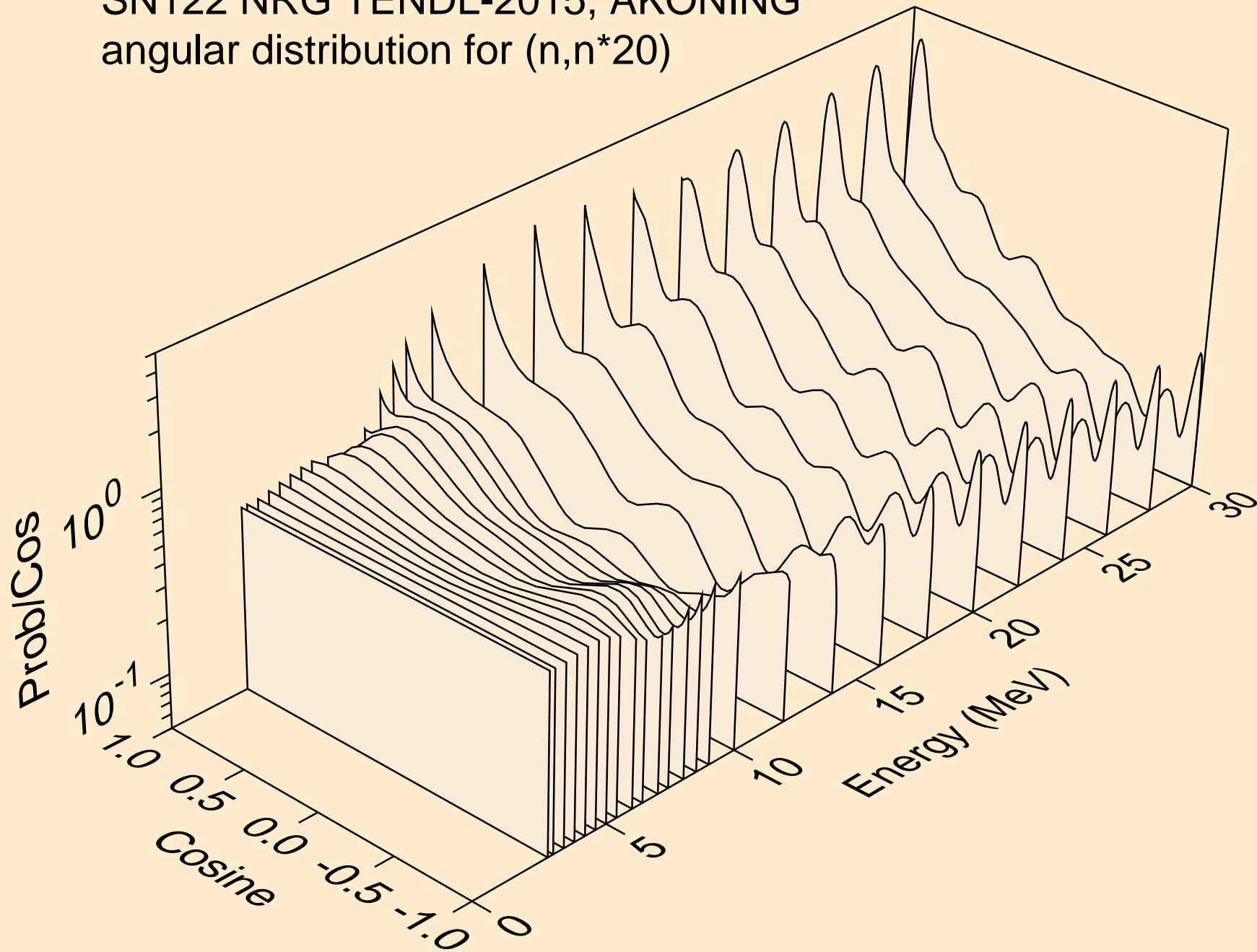
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angular distribution for (n,n\*18)



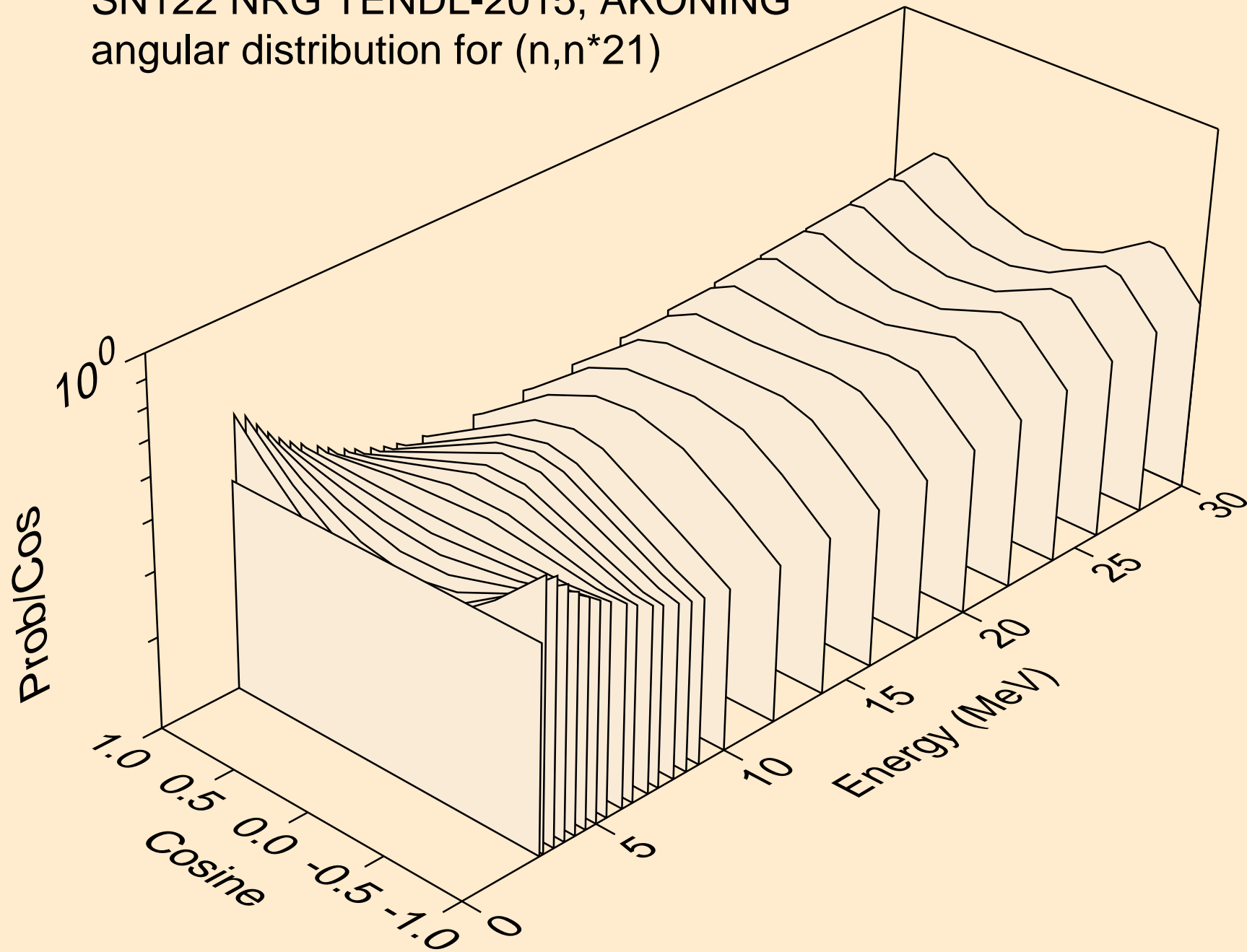
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

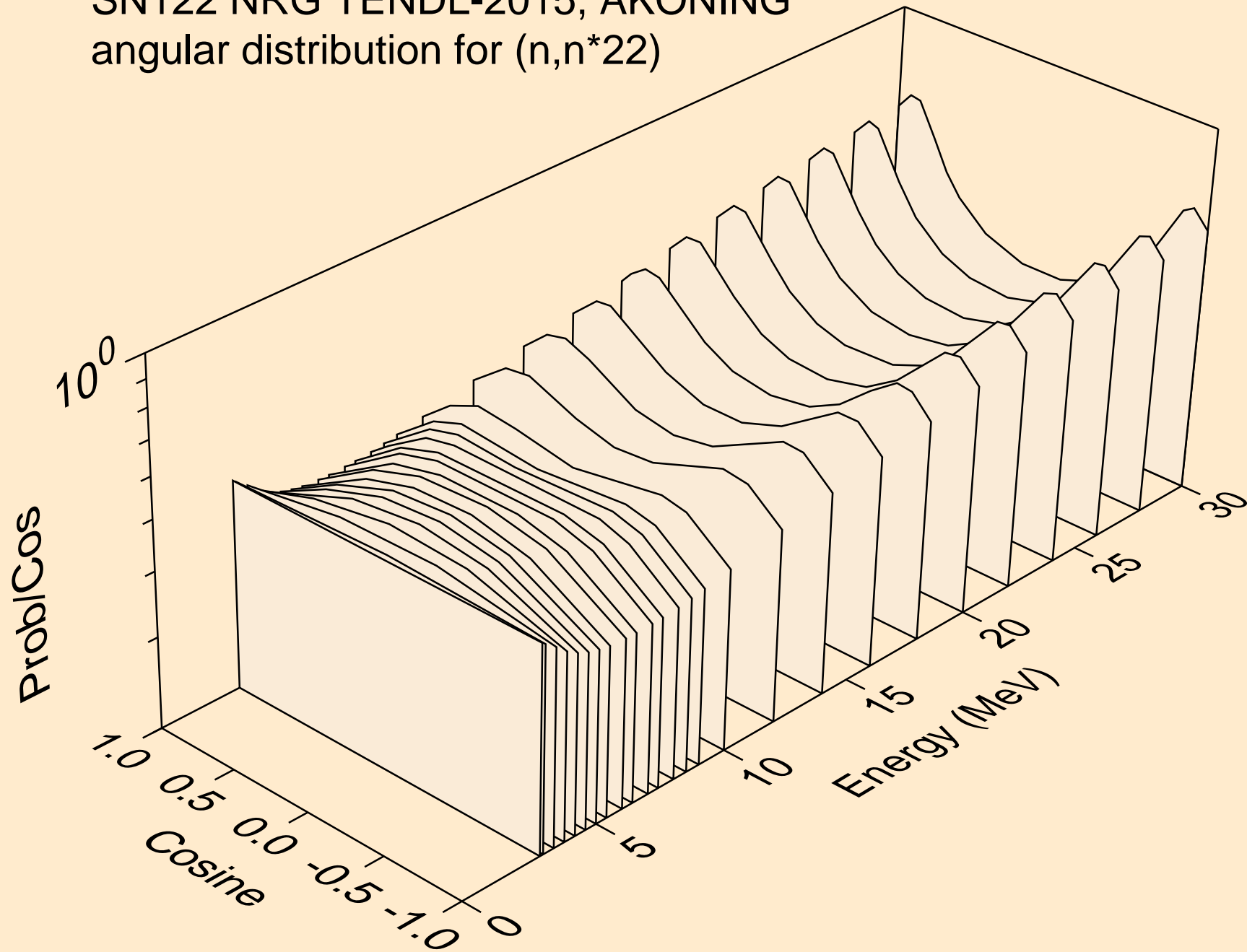


SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)

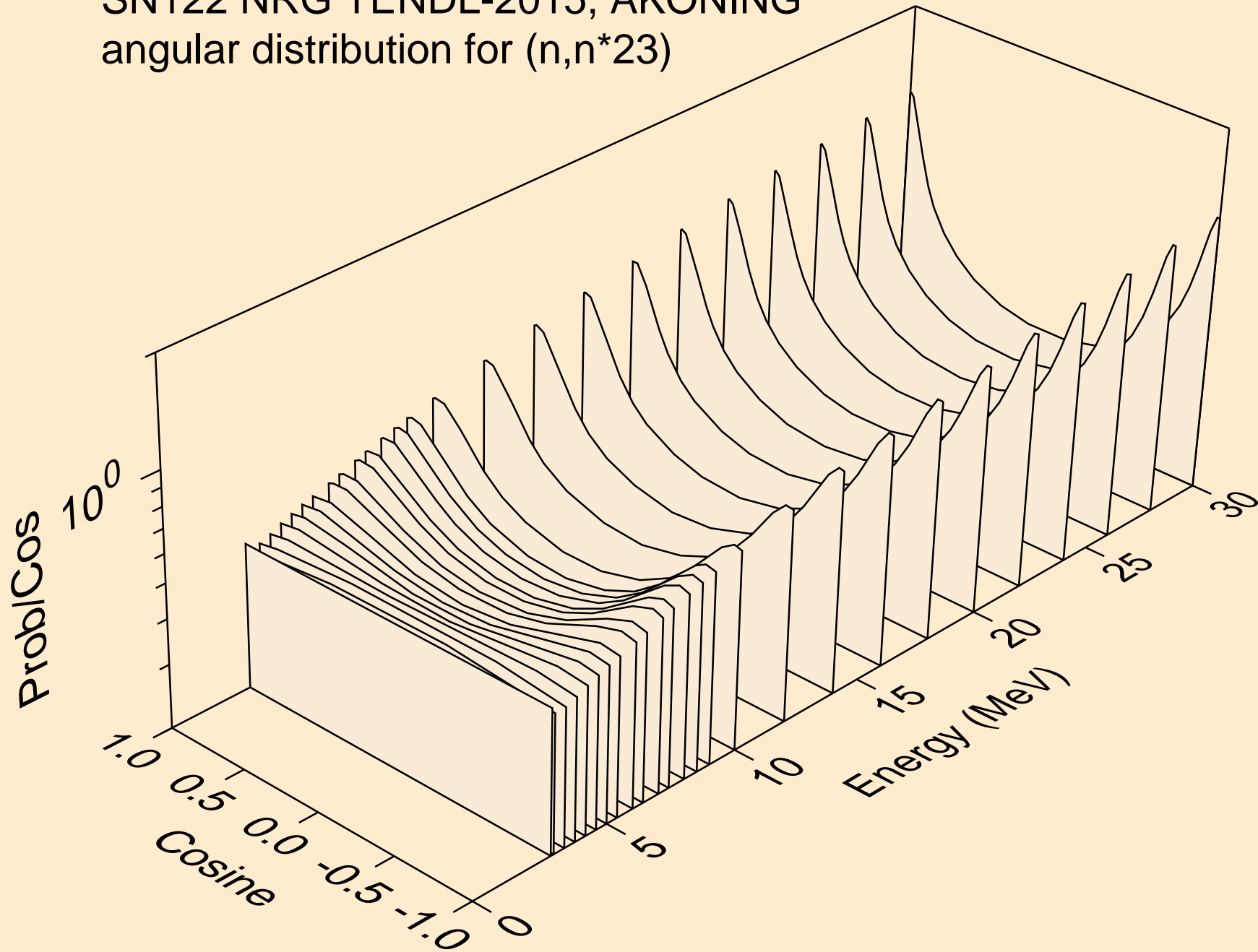




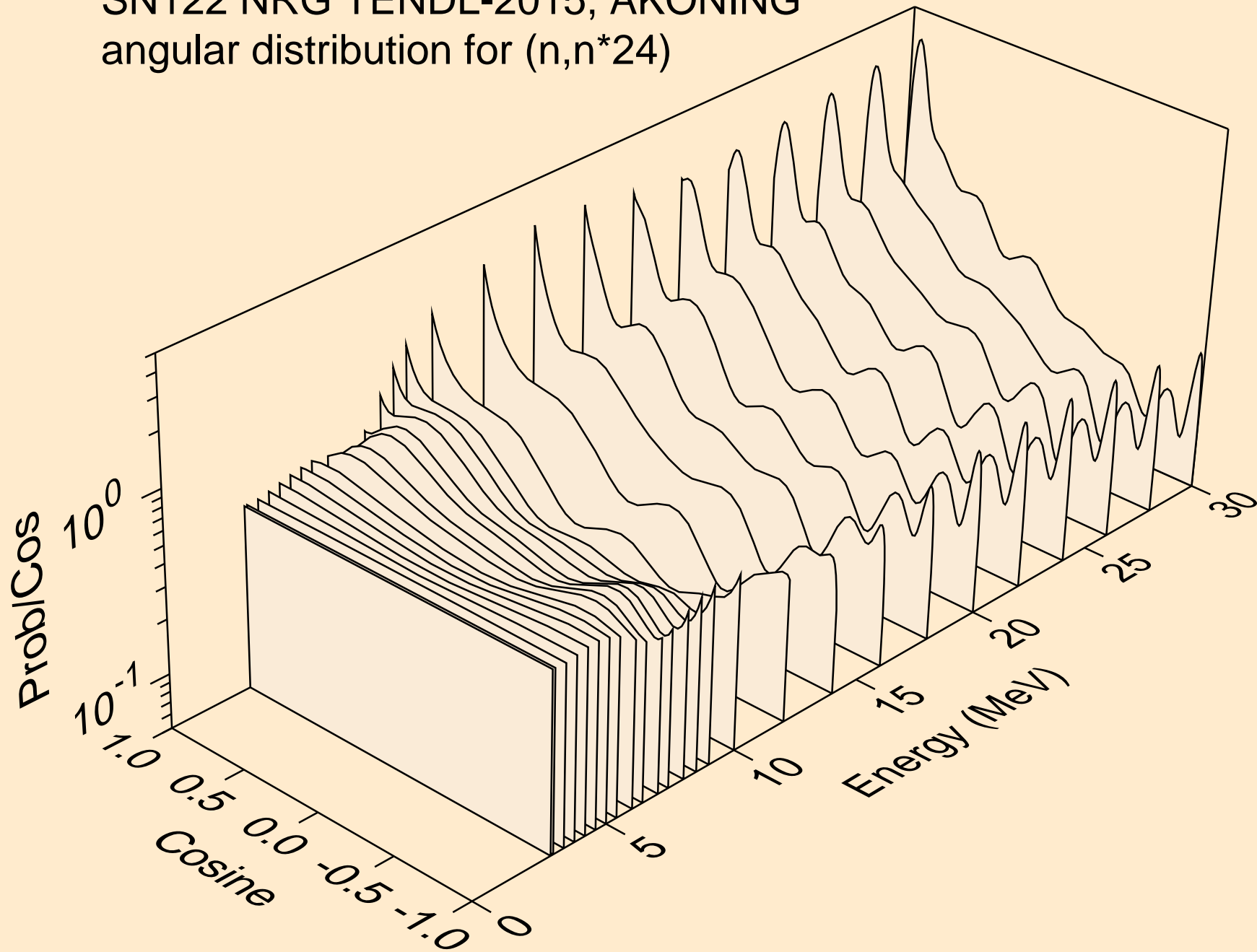
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



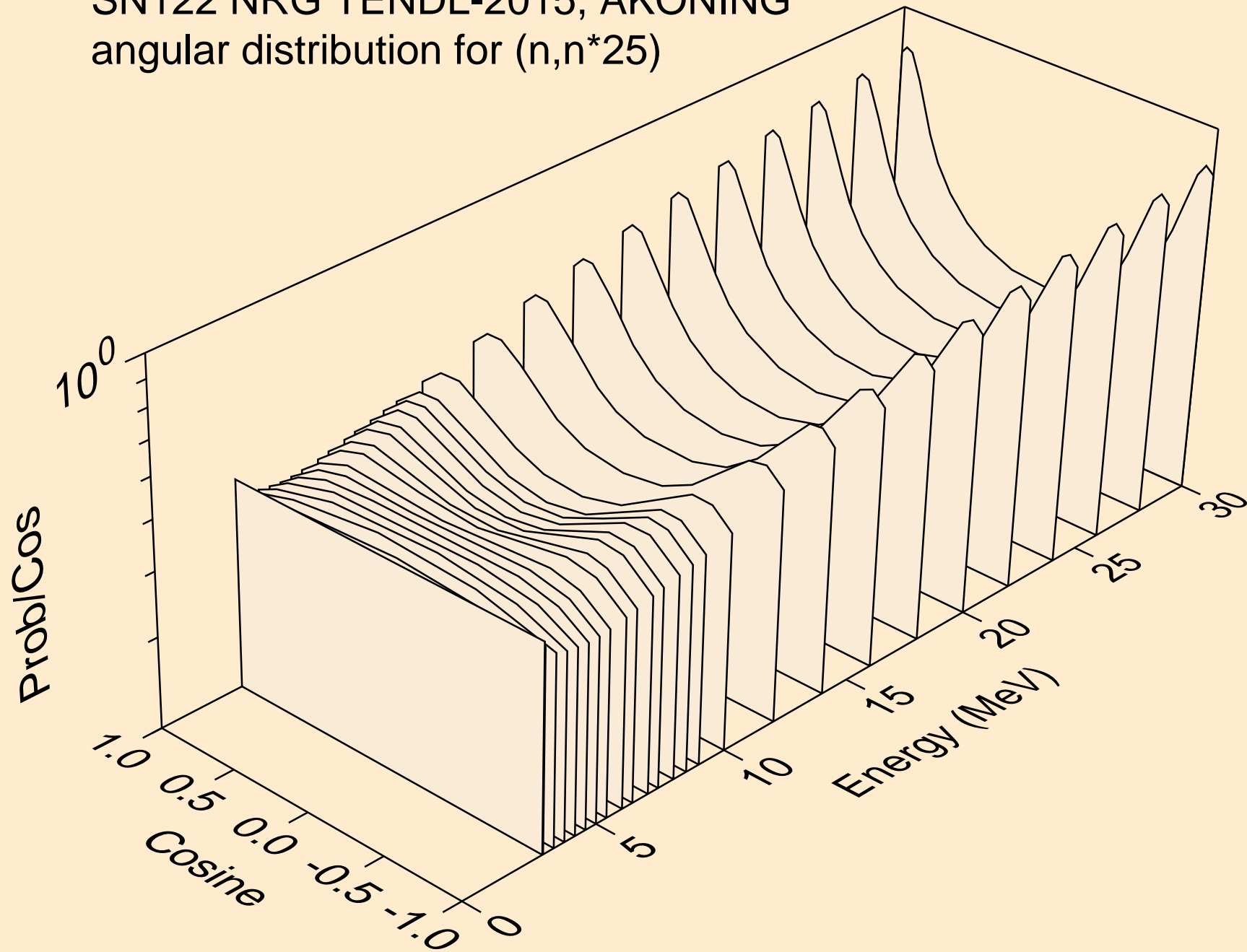
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



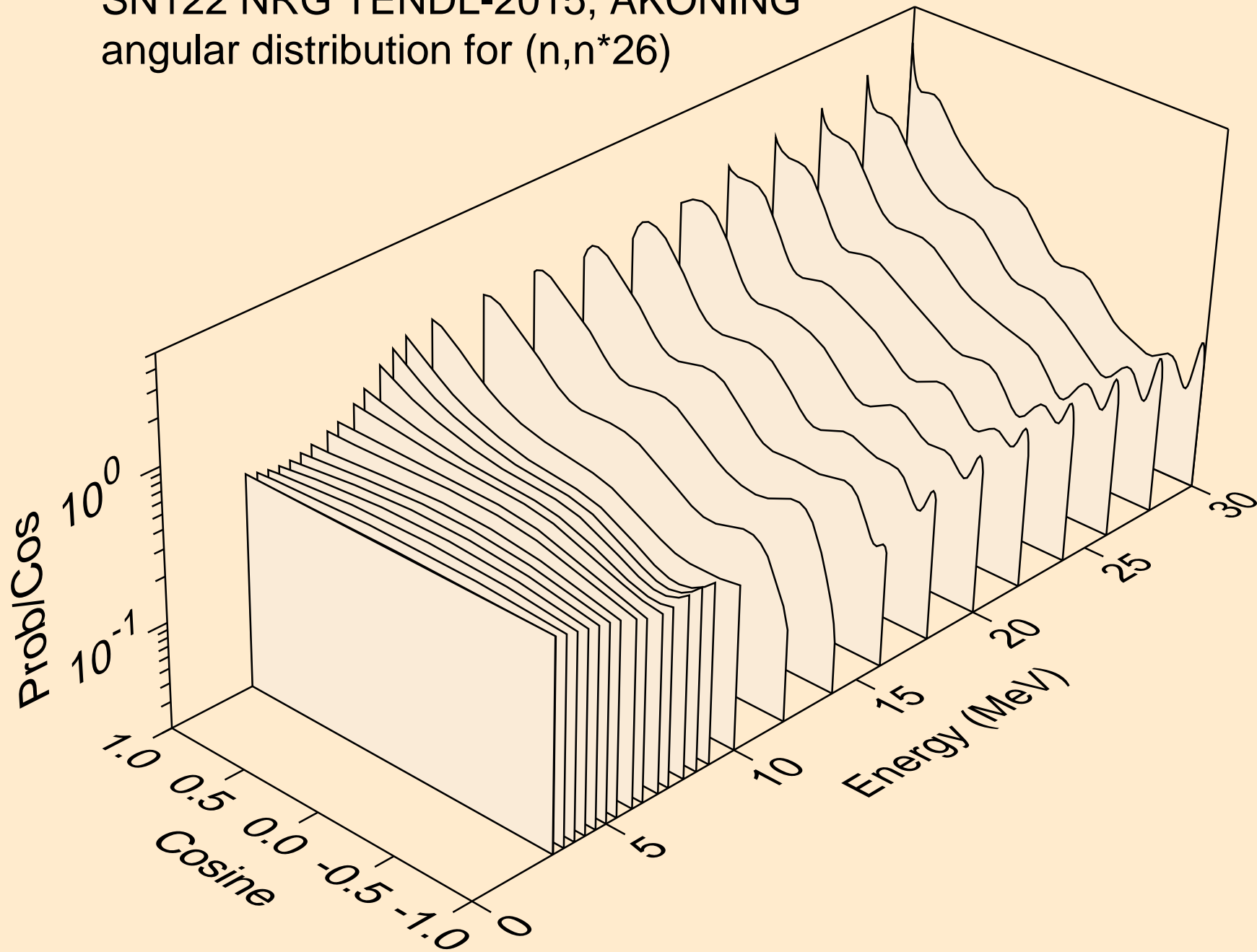
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angular distribution for (n,n\*24)



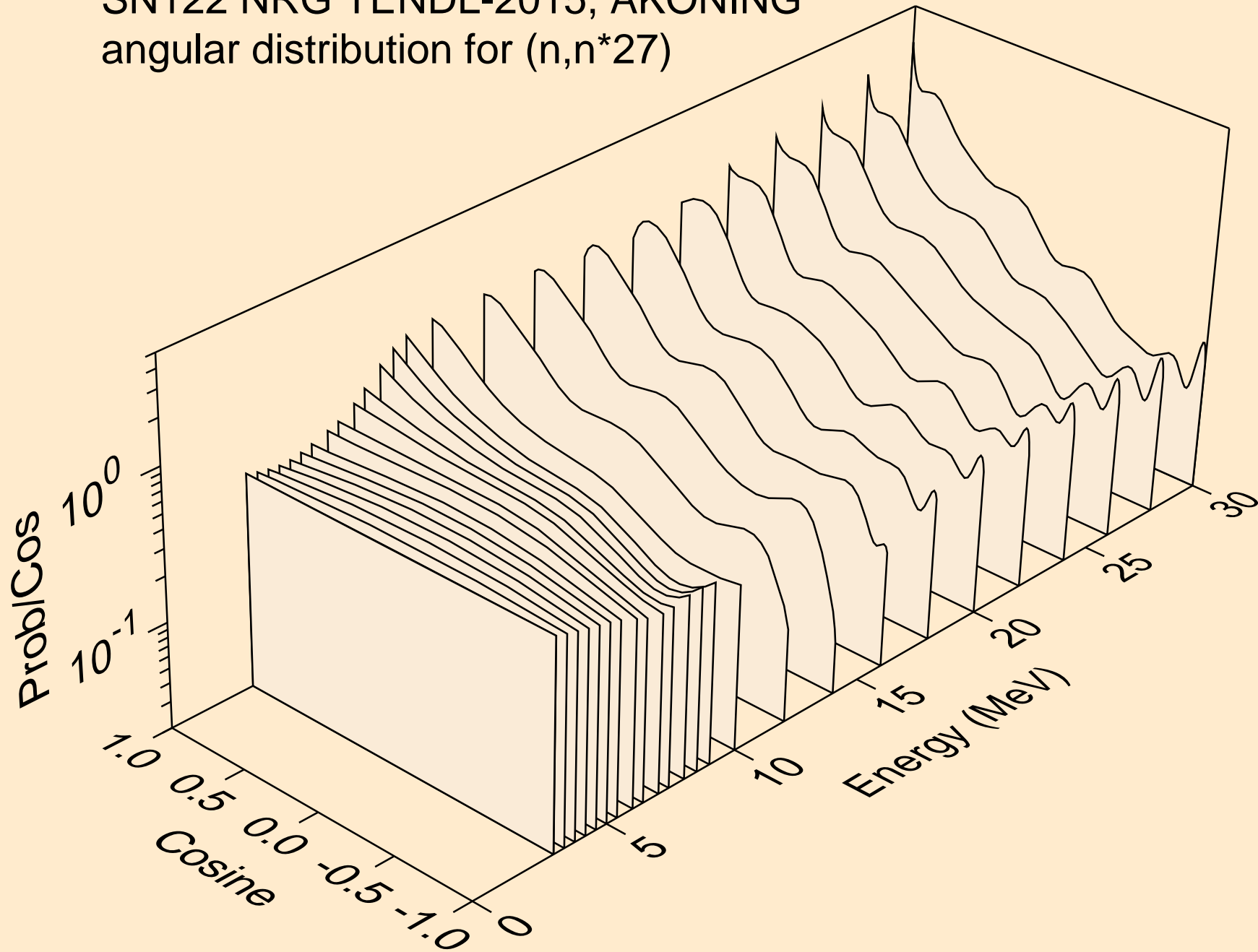
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



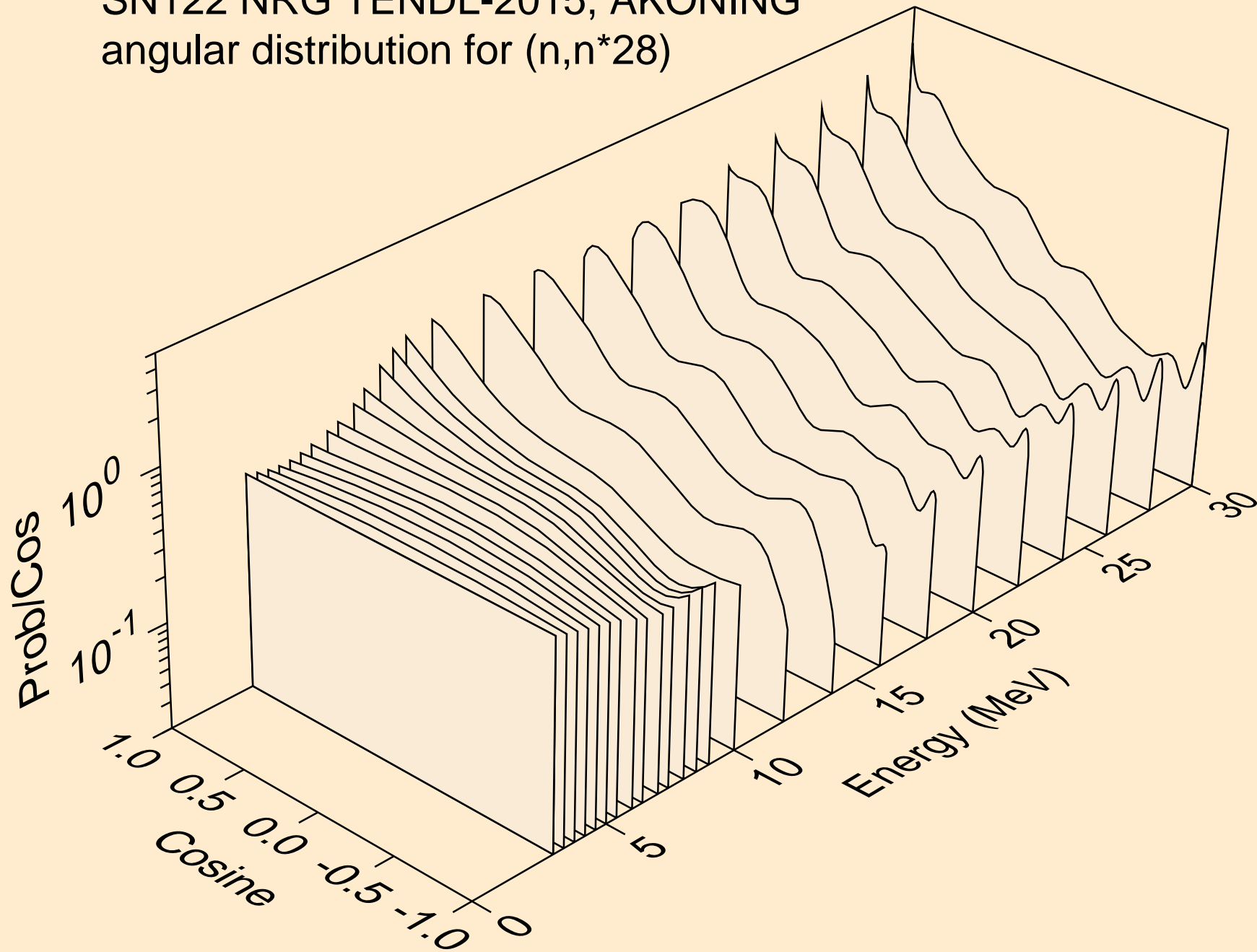
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



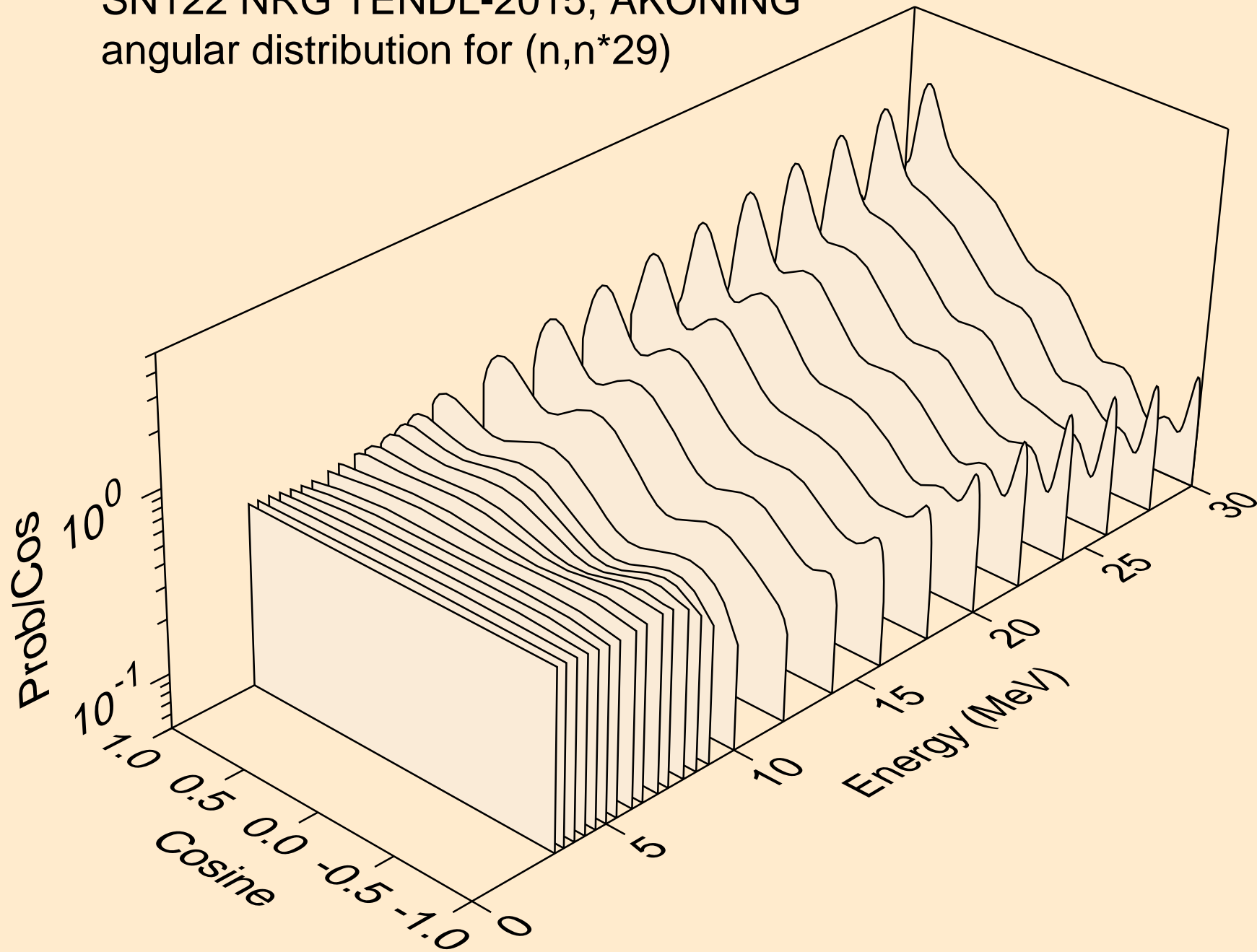
SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

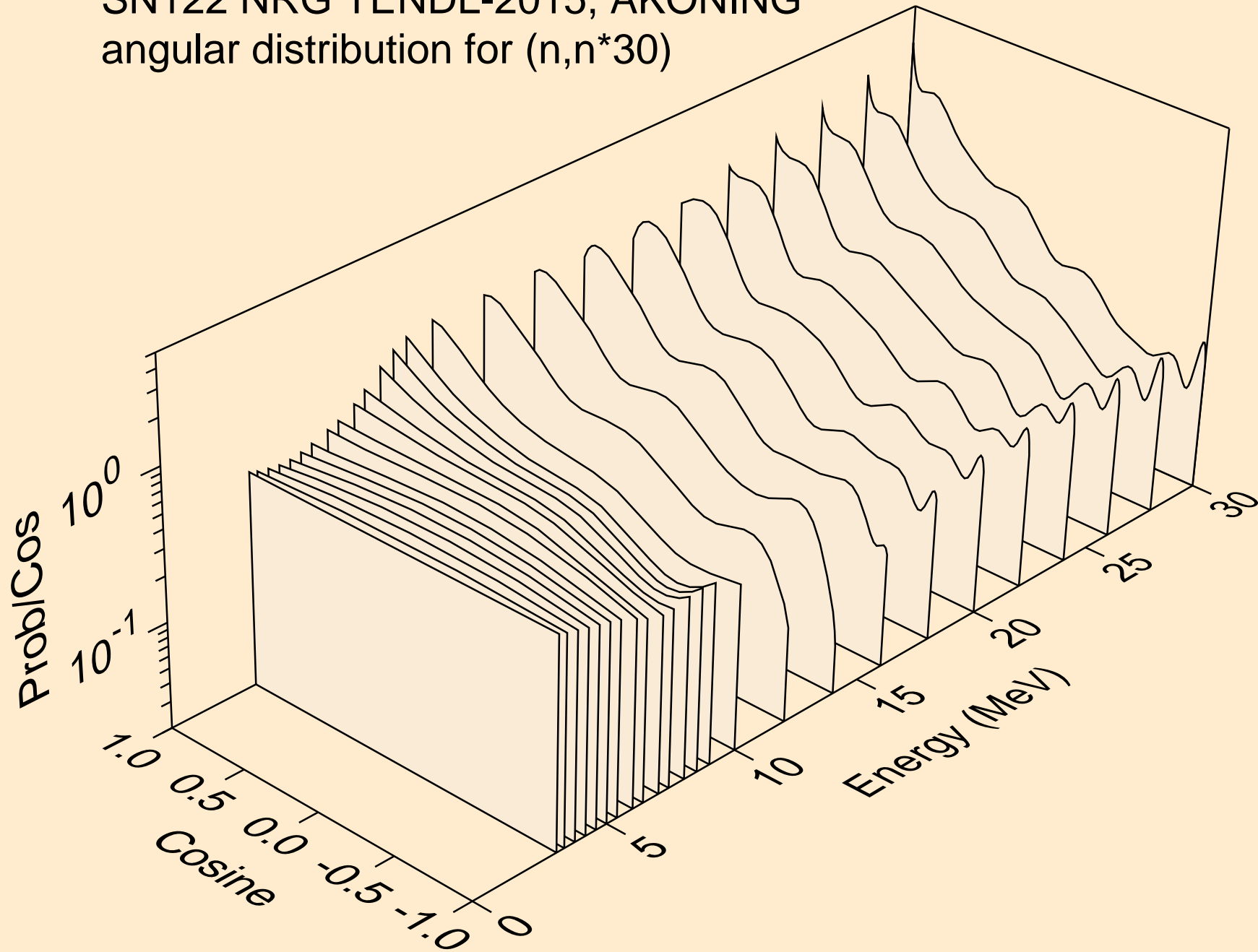


SN122 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)

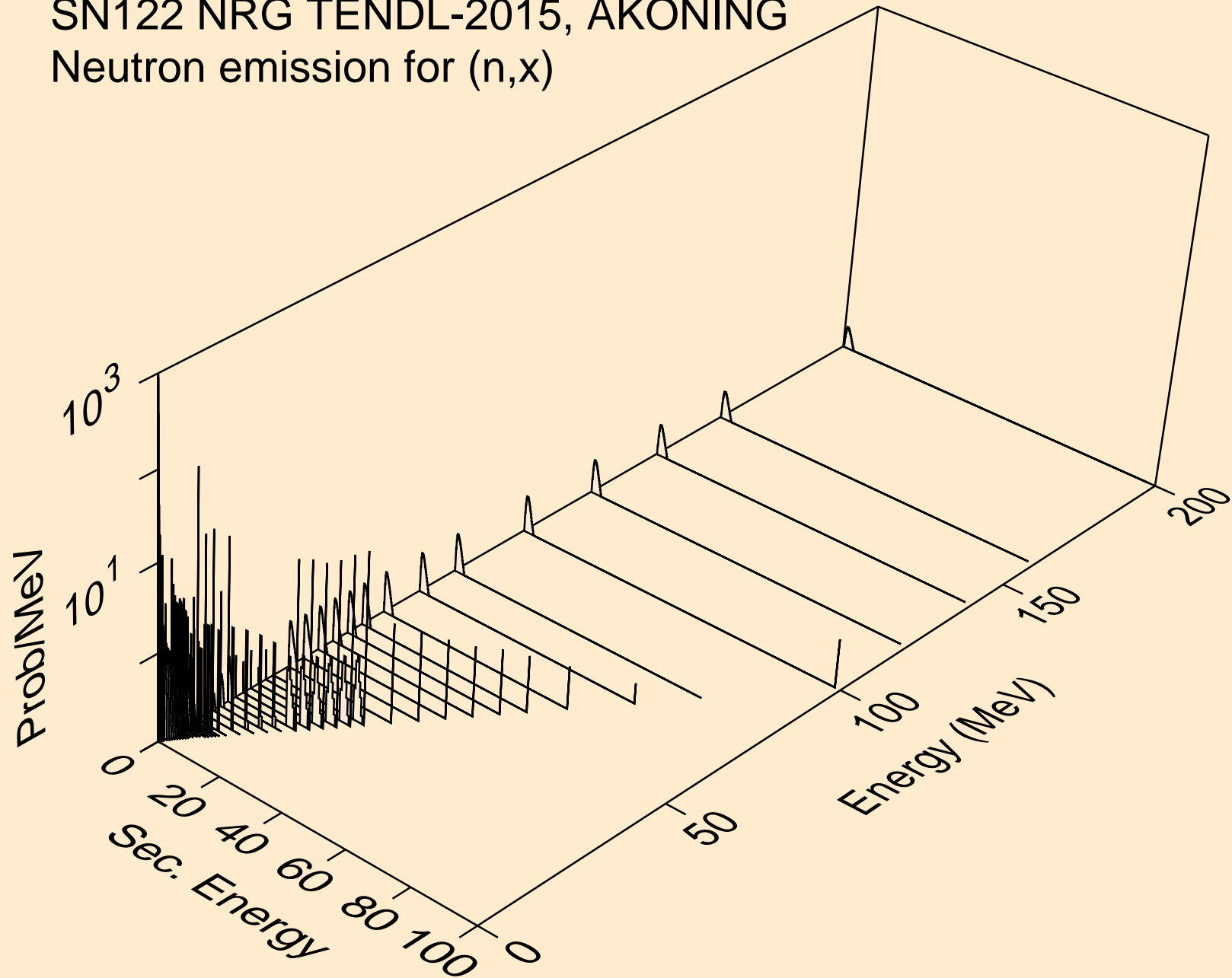




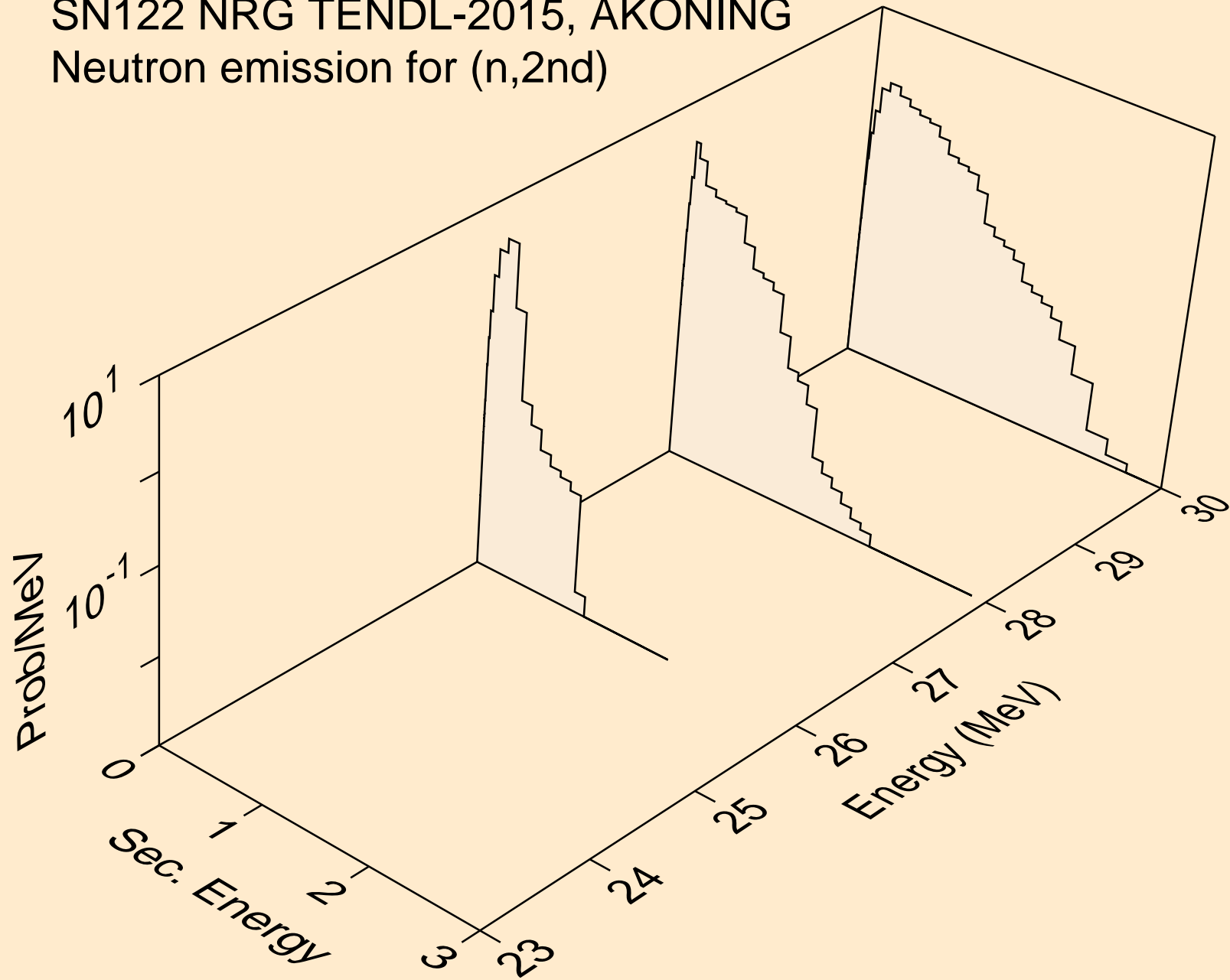
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angular distribution for (n,n\*30)



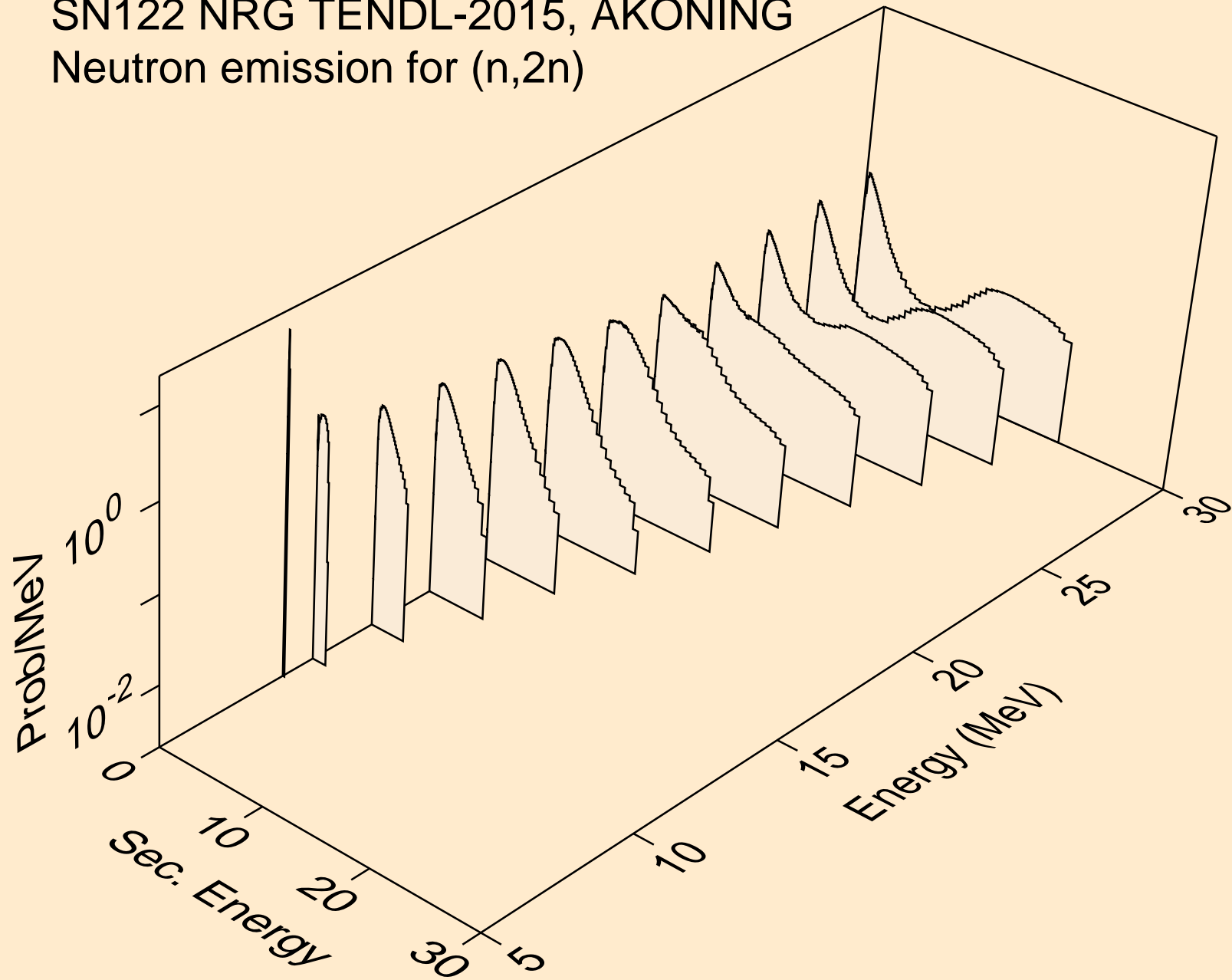
SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



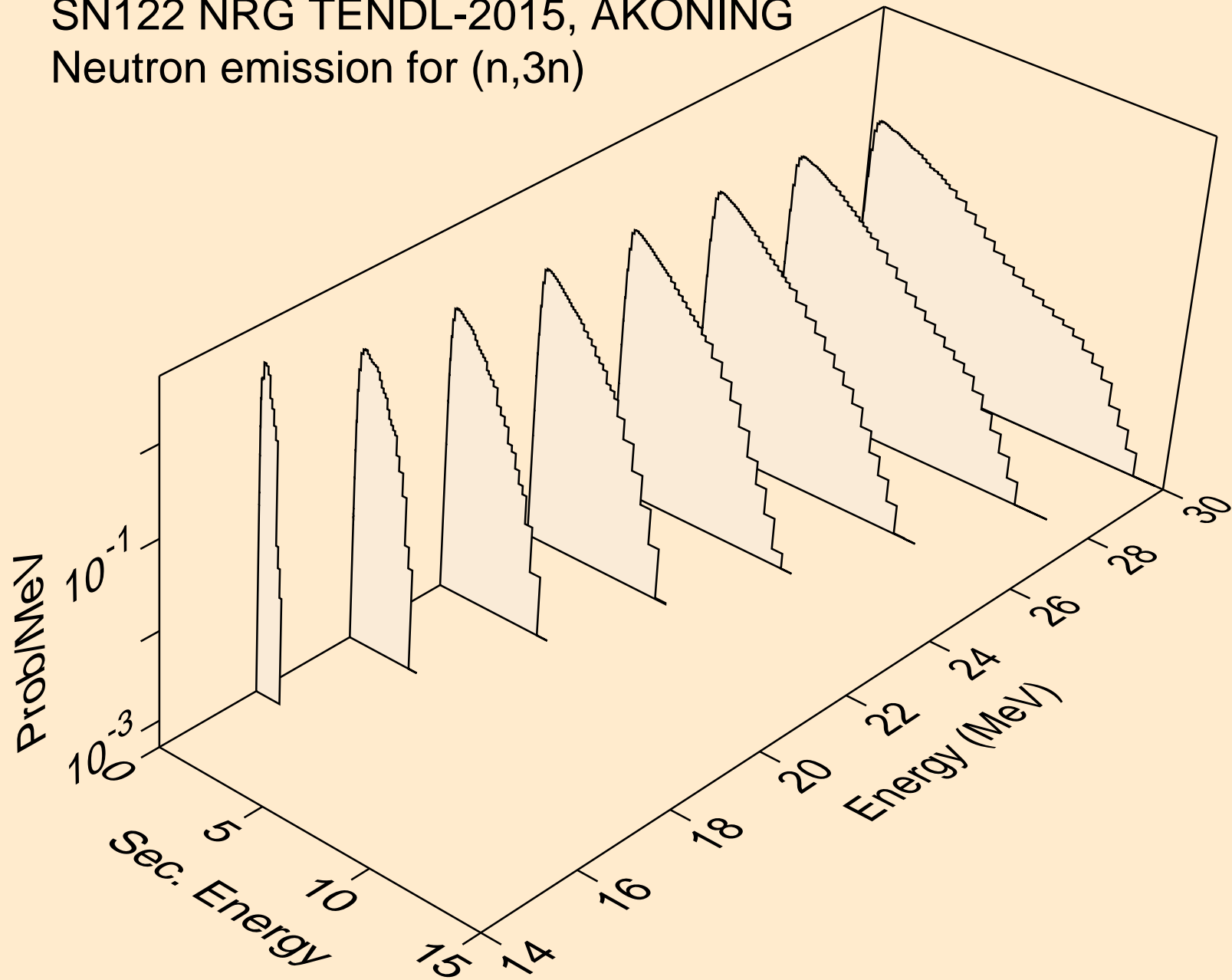
SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



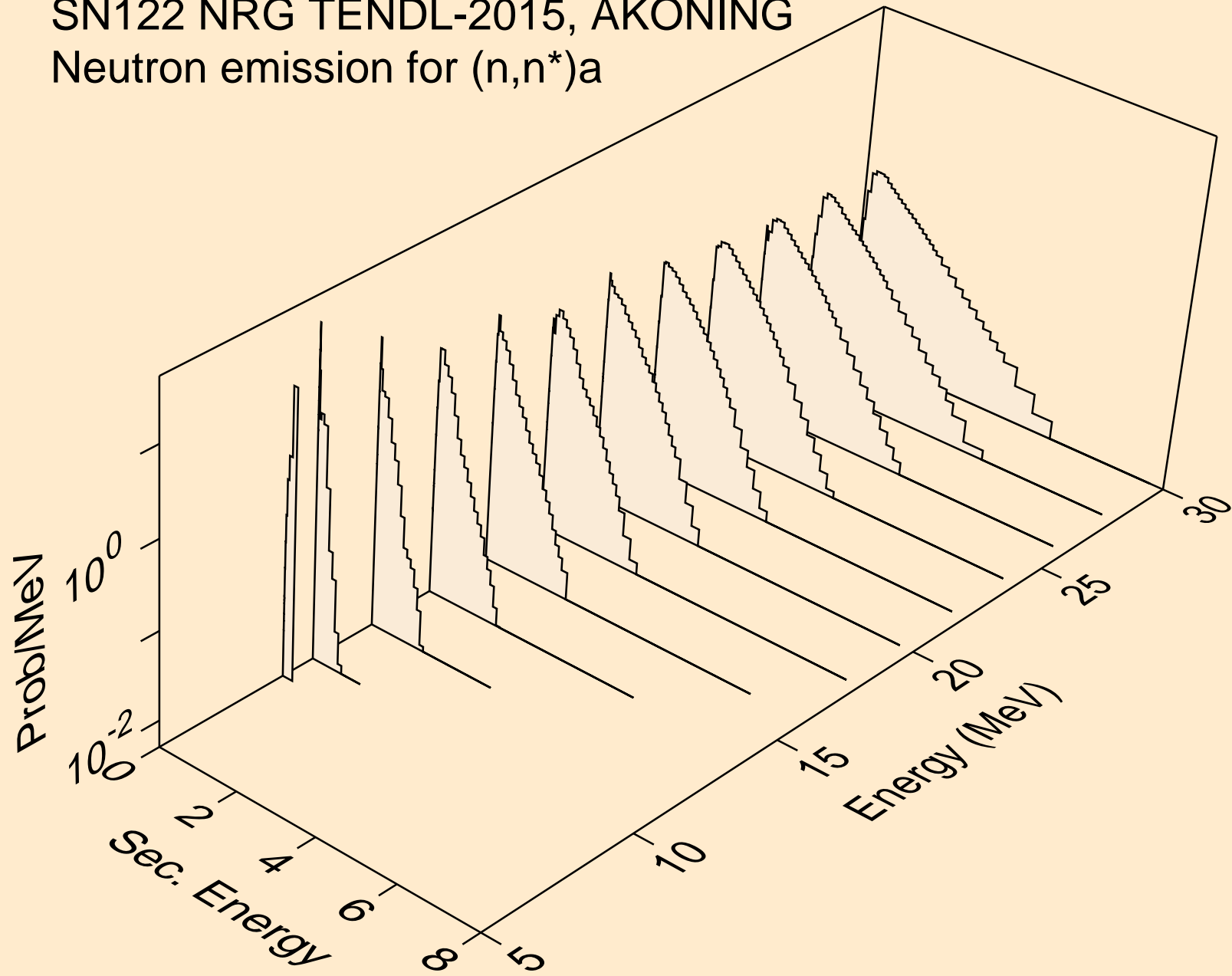
SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



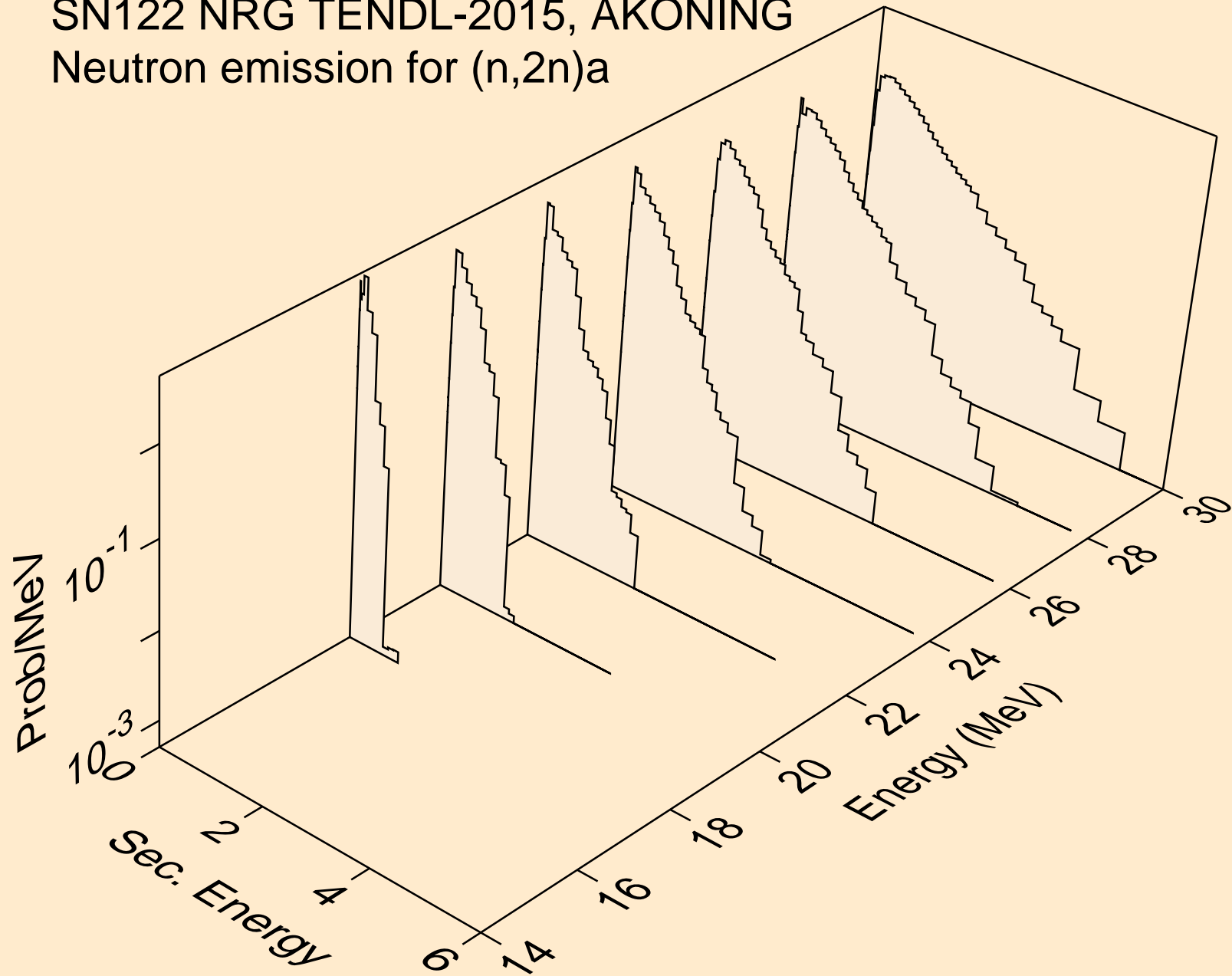
SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



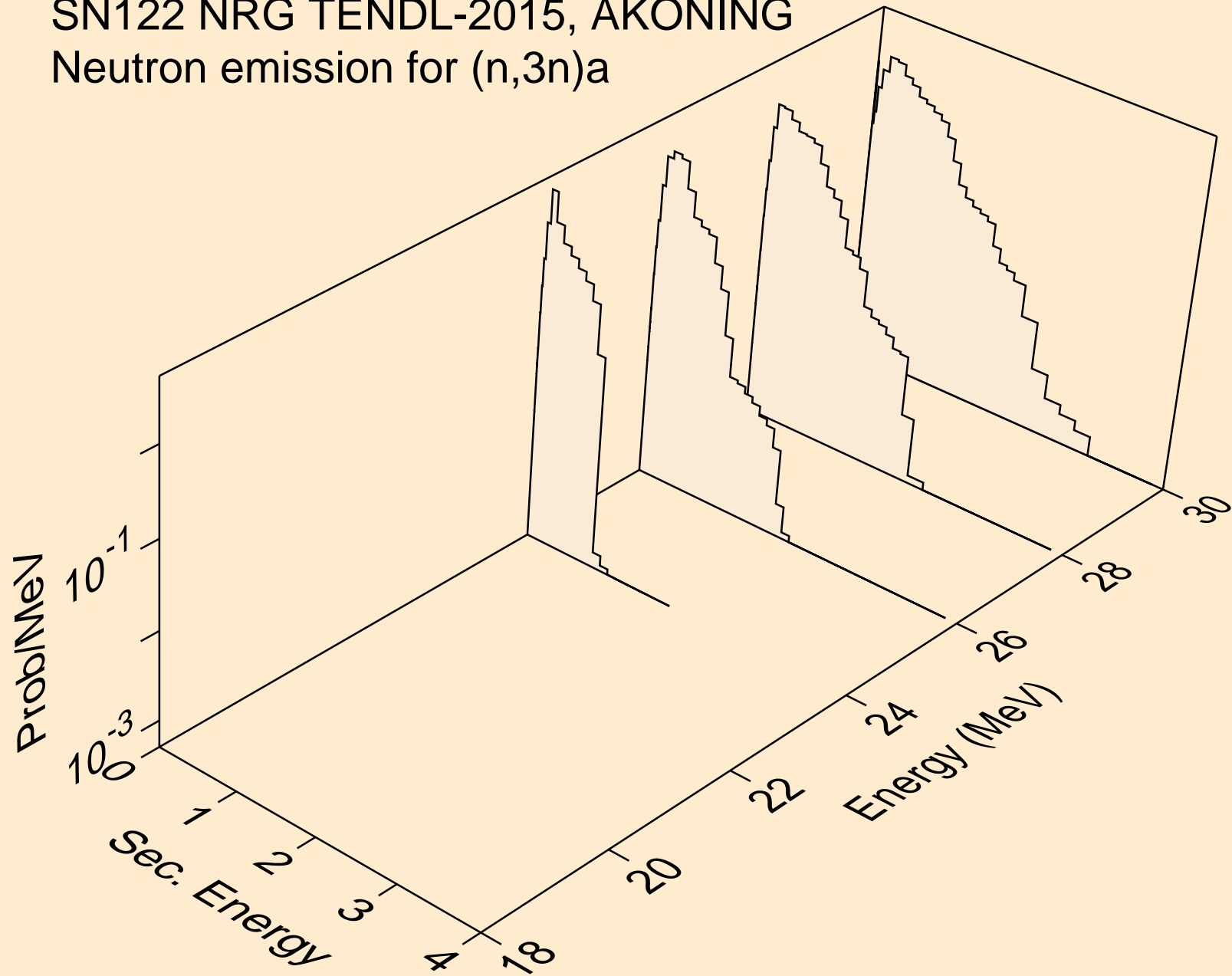
SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

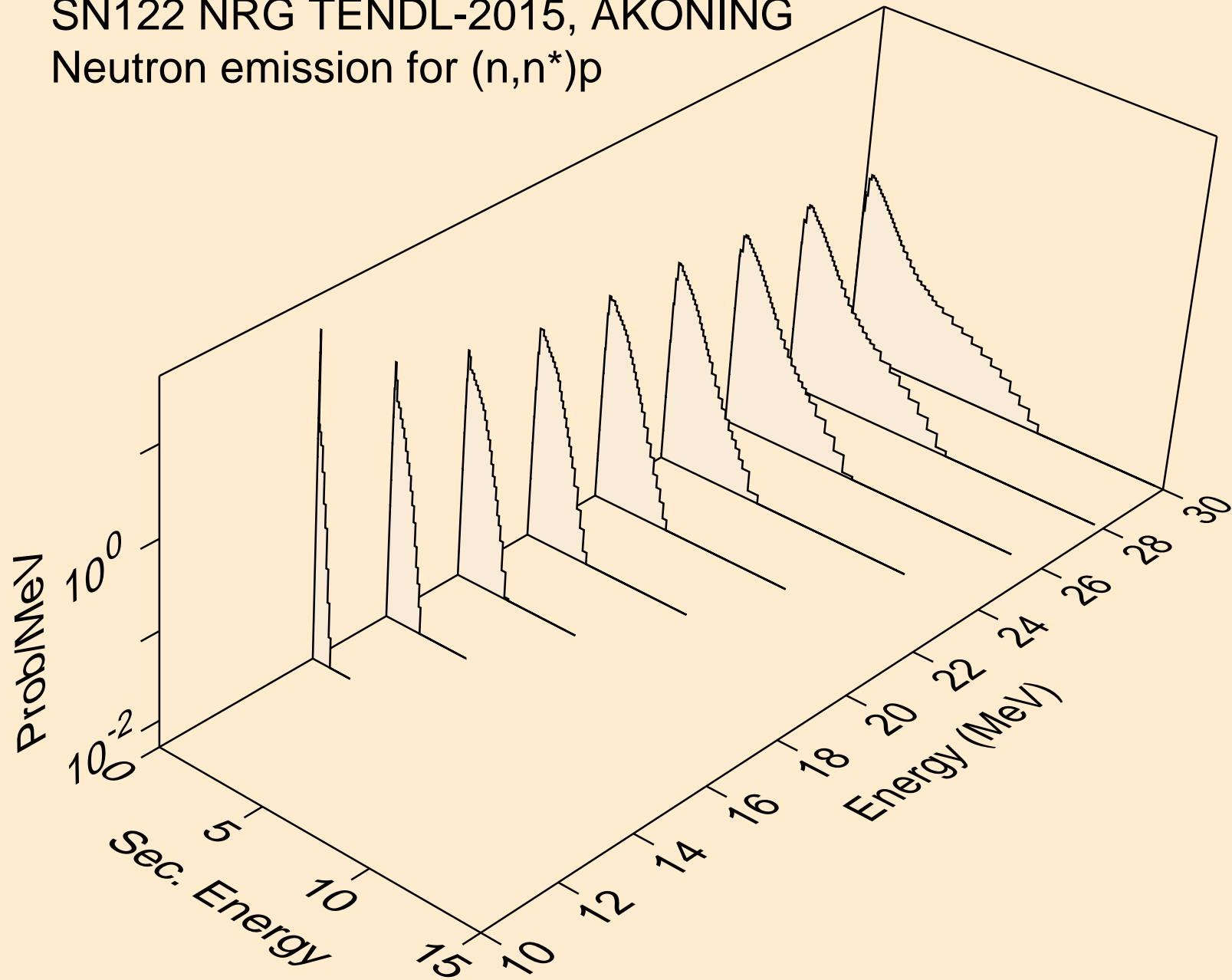


SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a

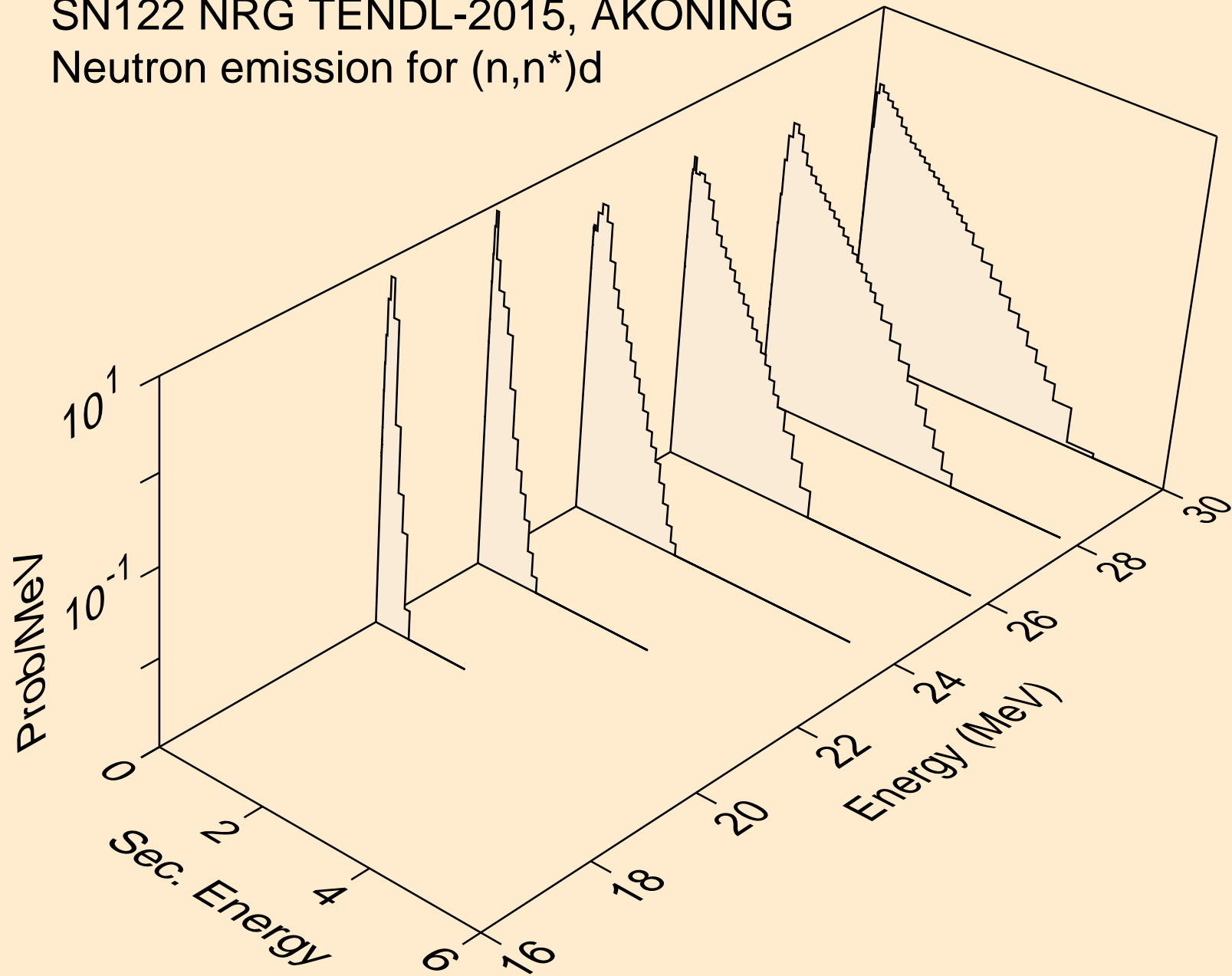




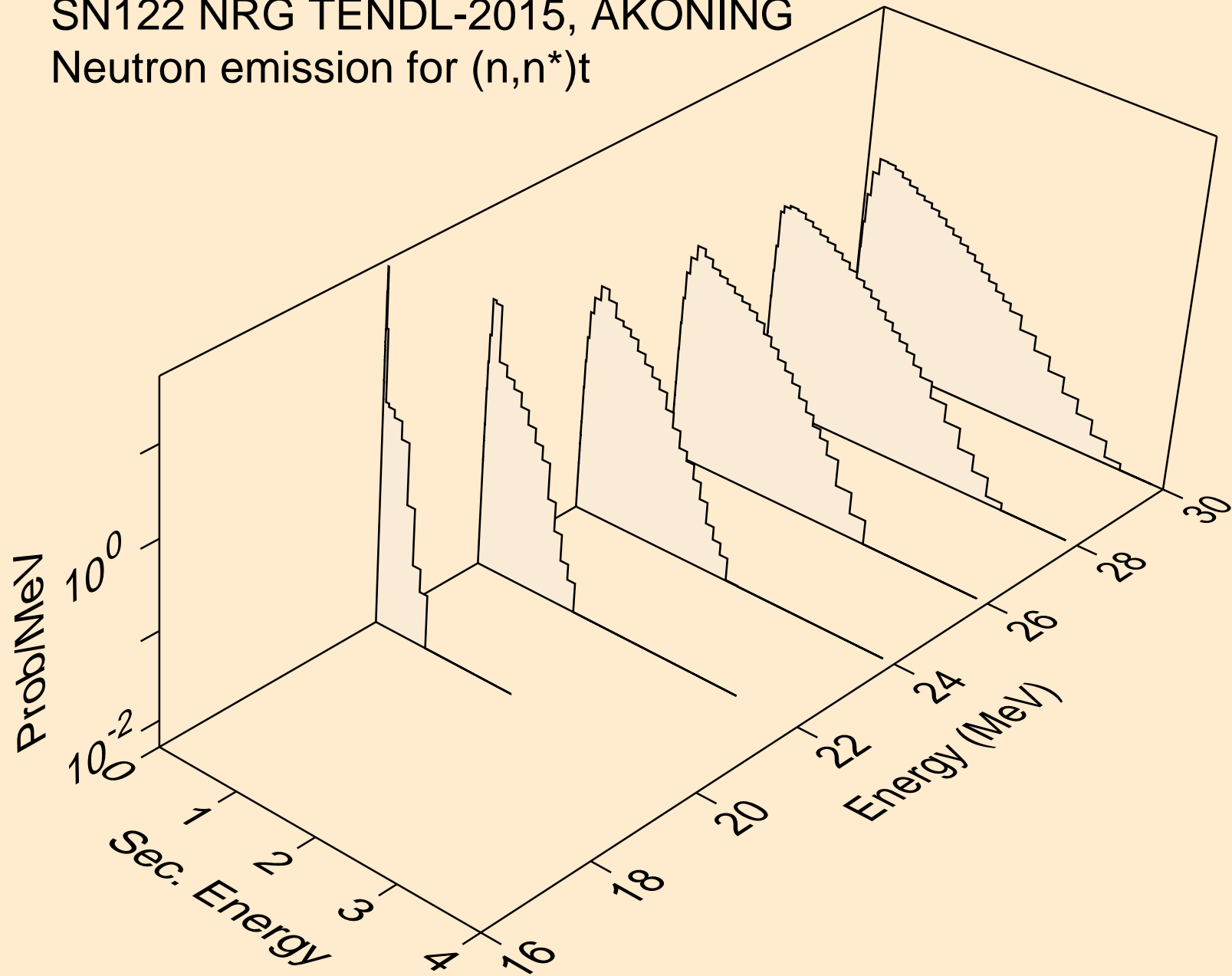
SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



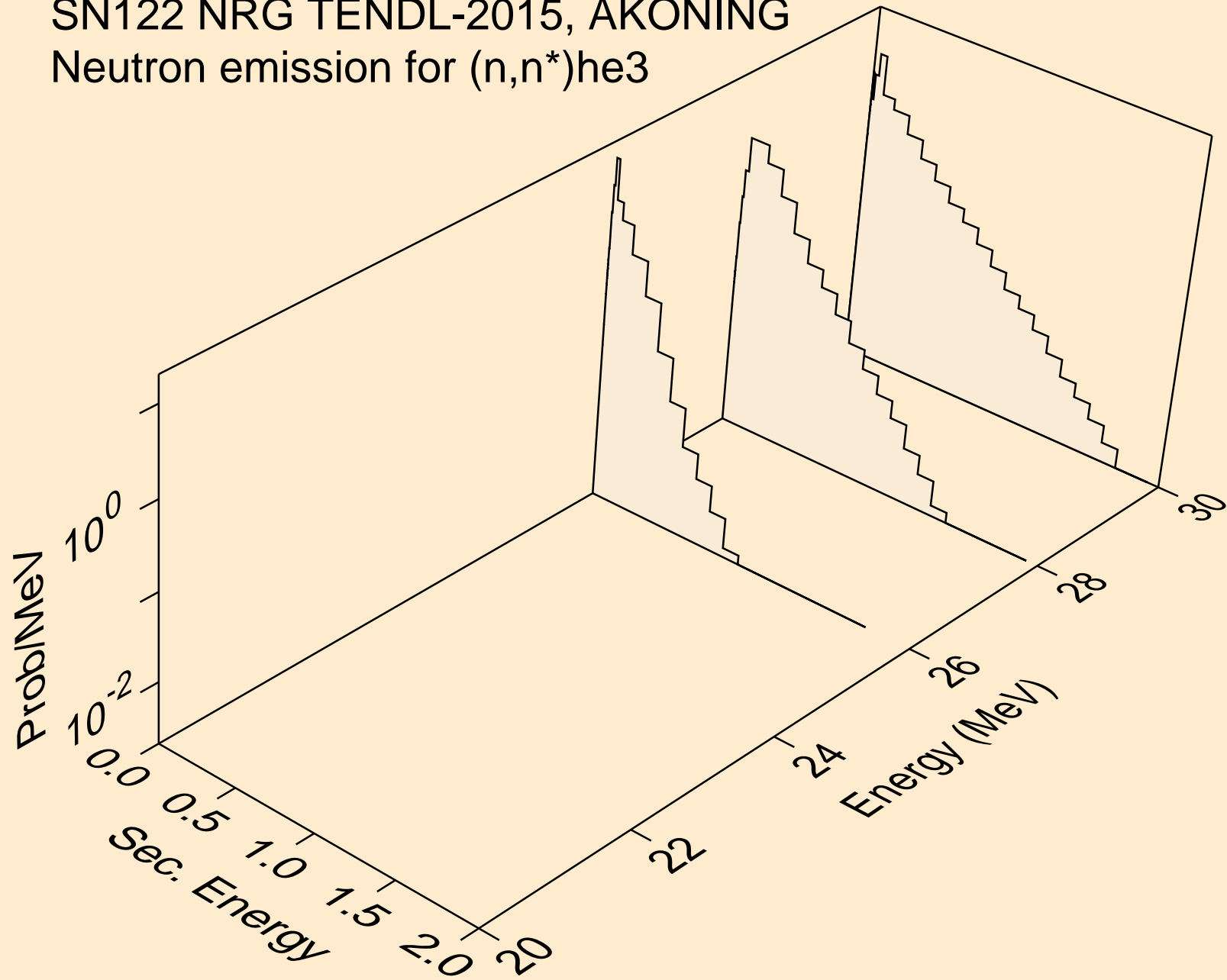
SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



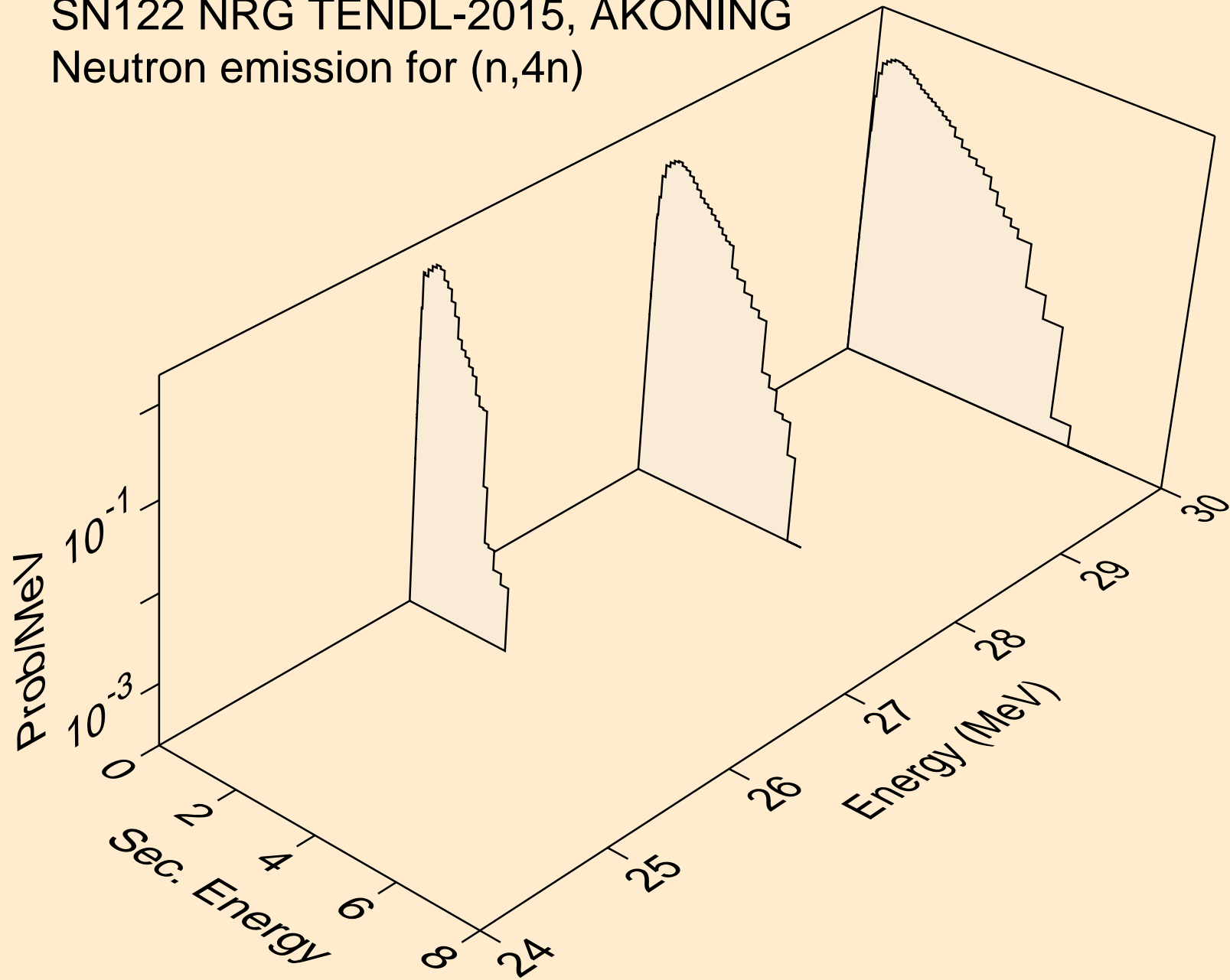
SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



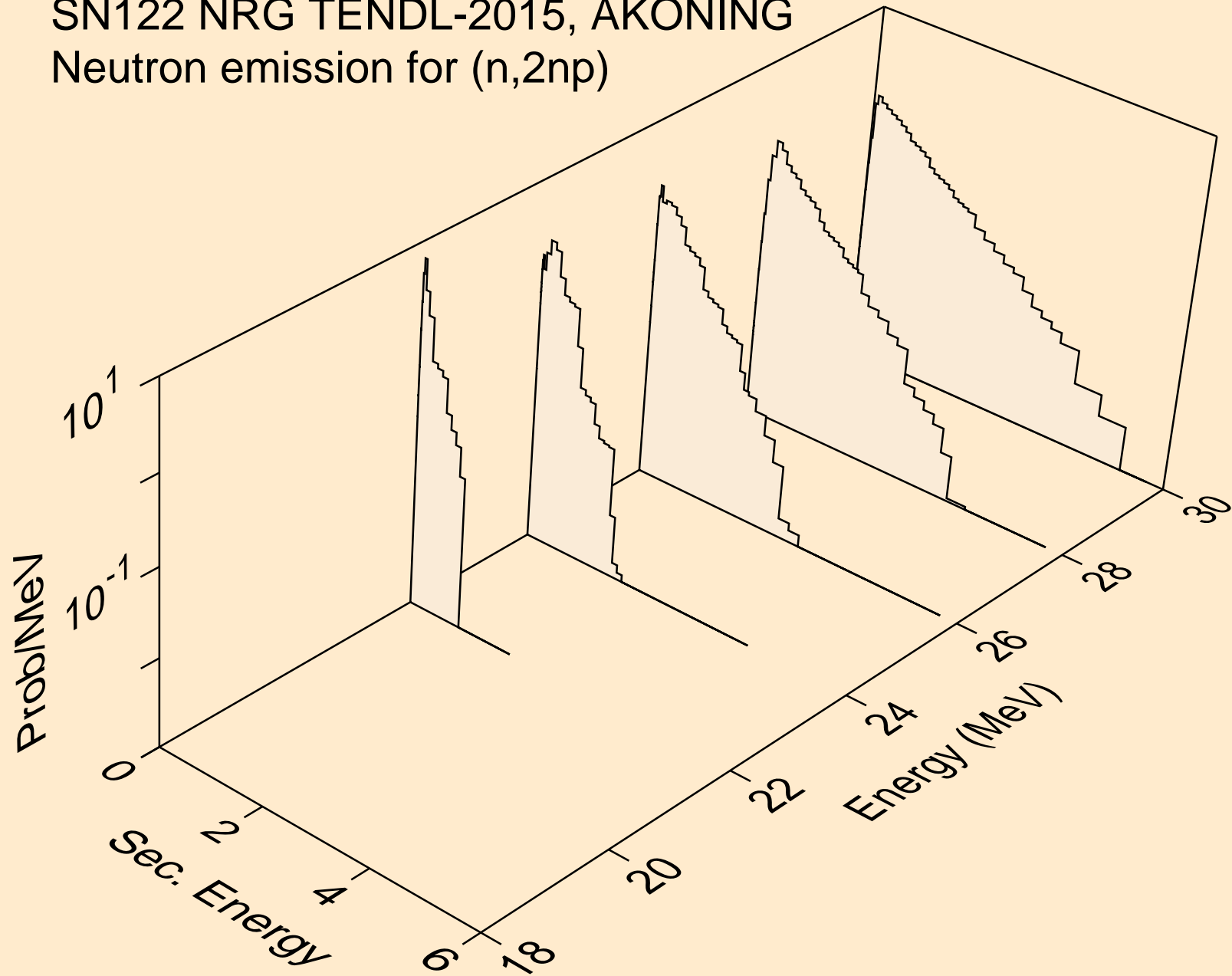
SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



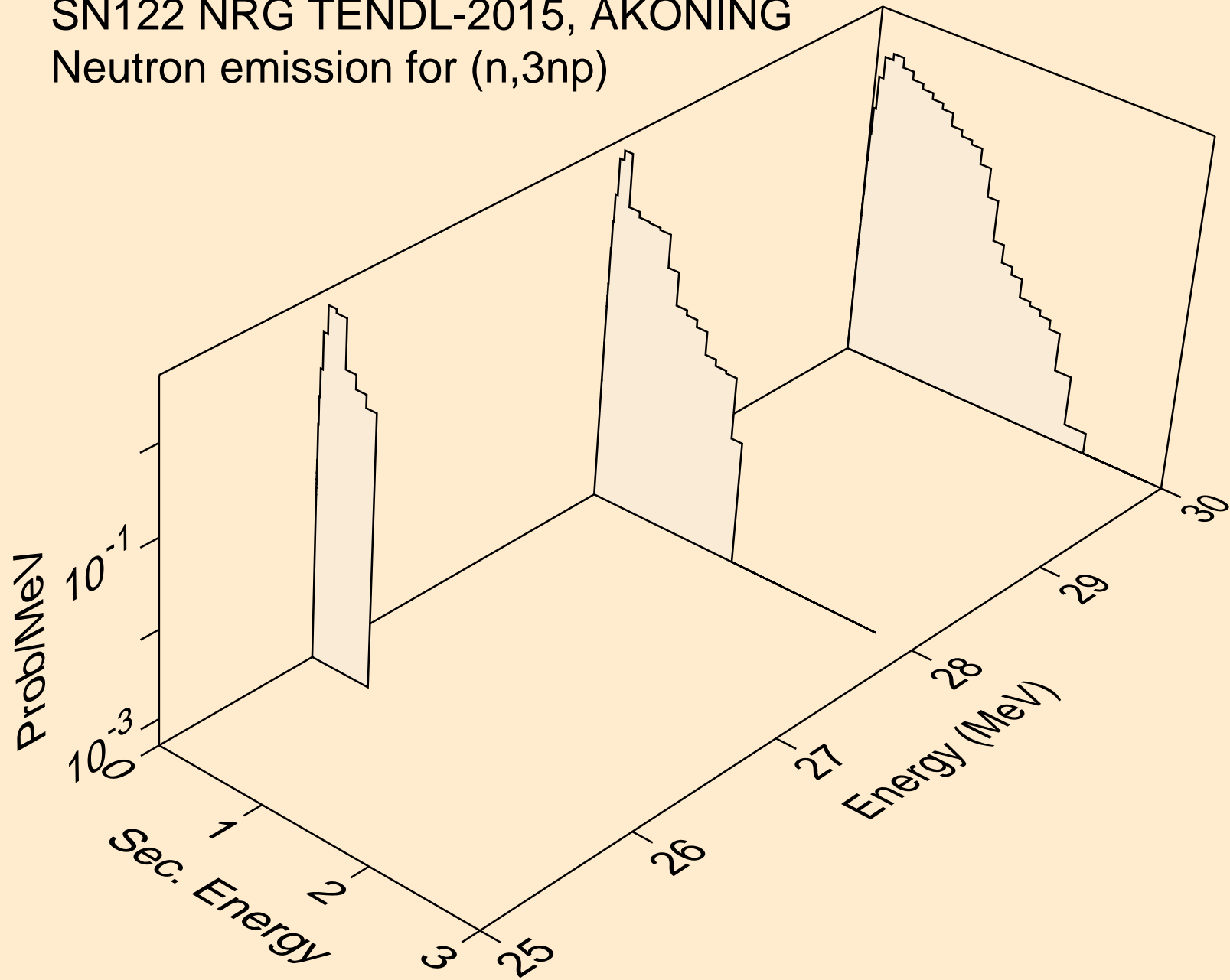
SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



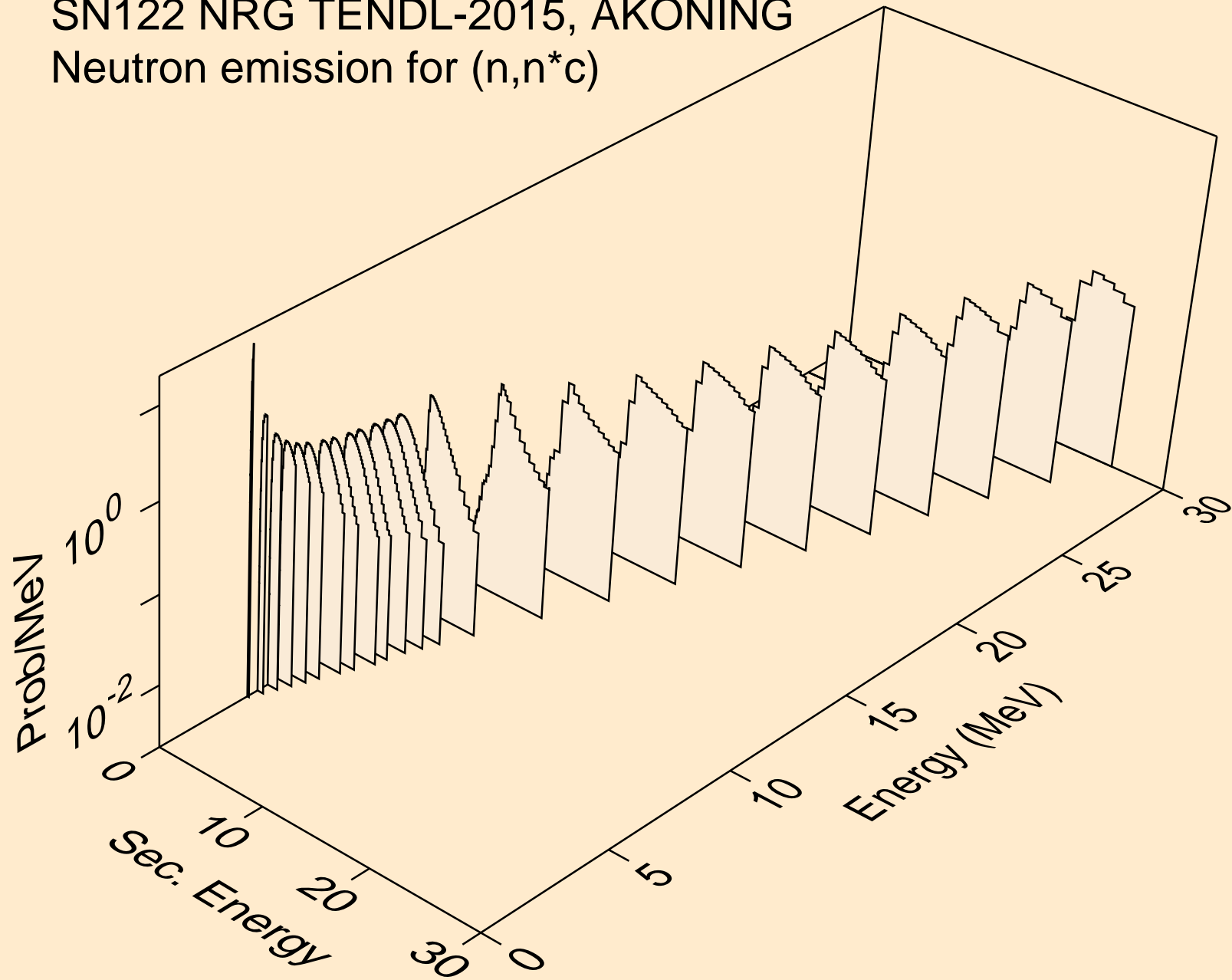
SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

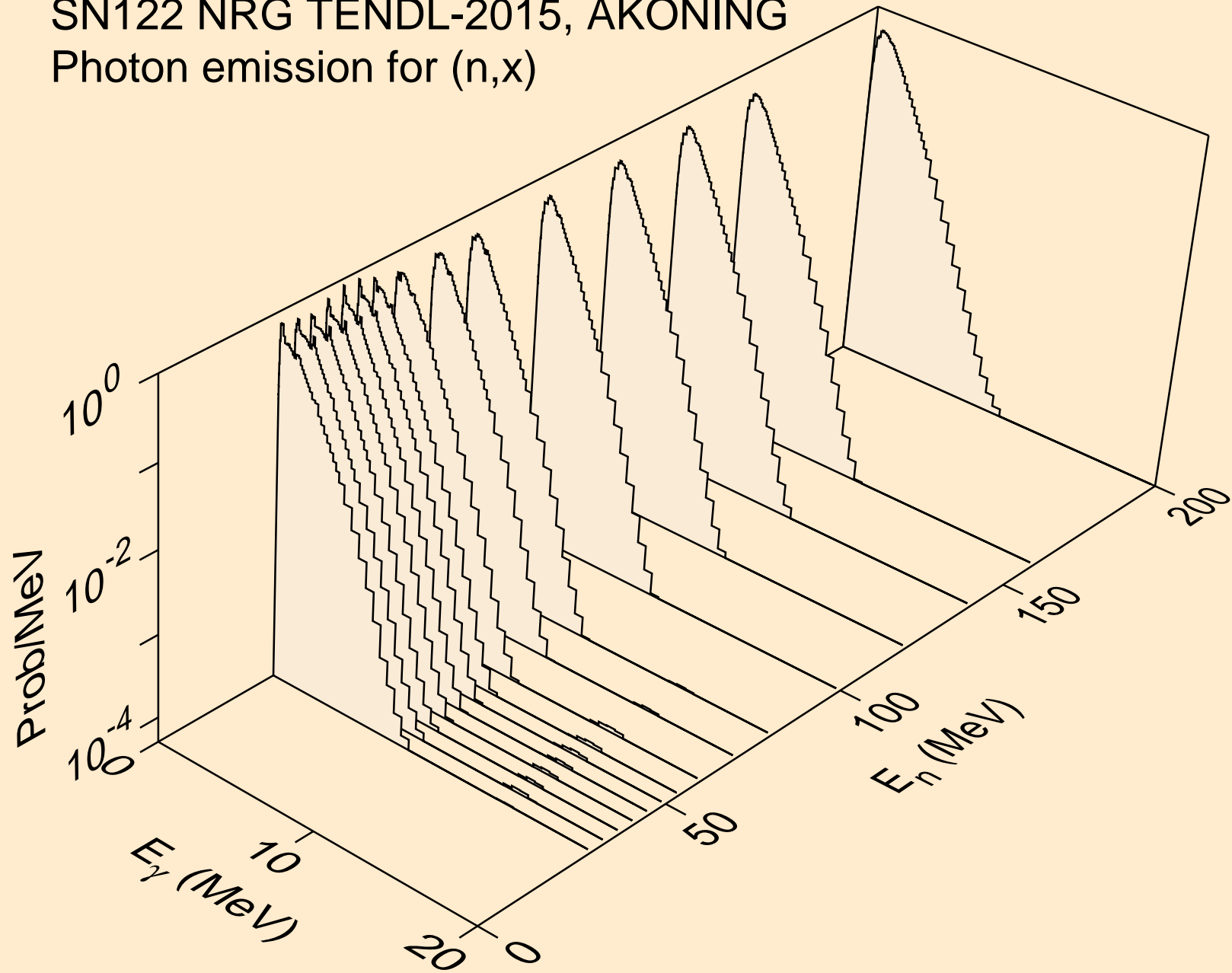


SN122 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

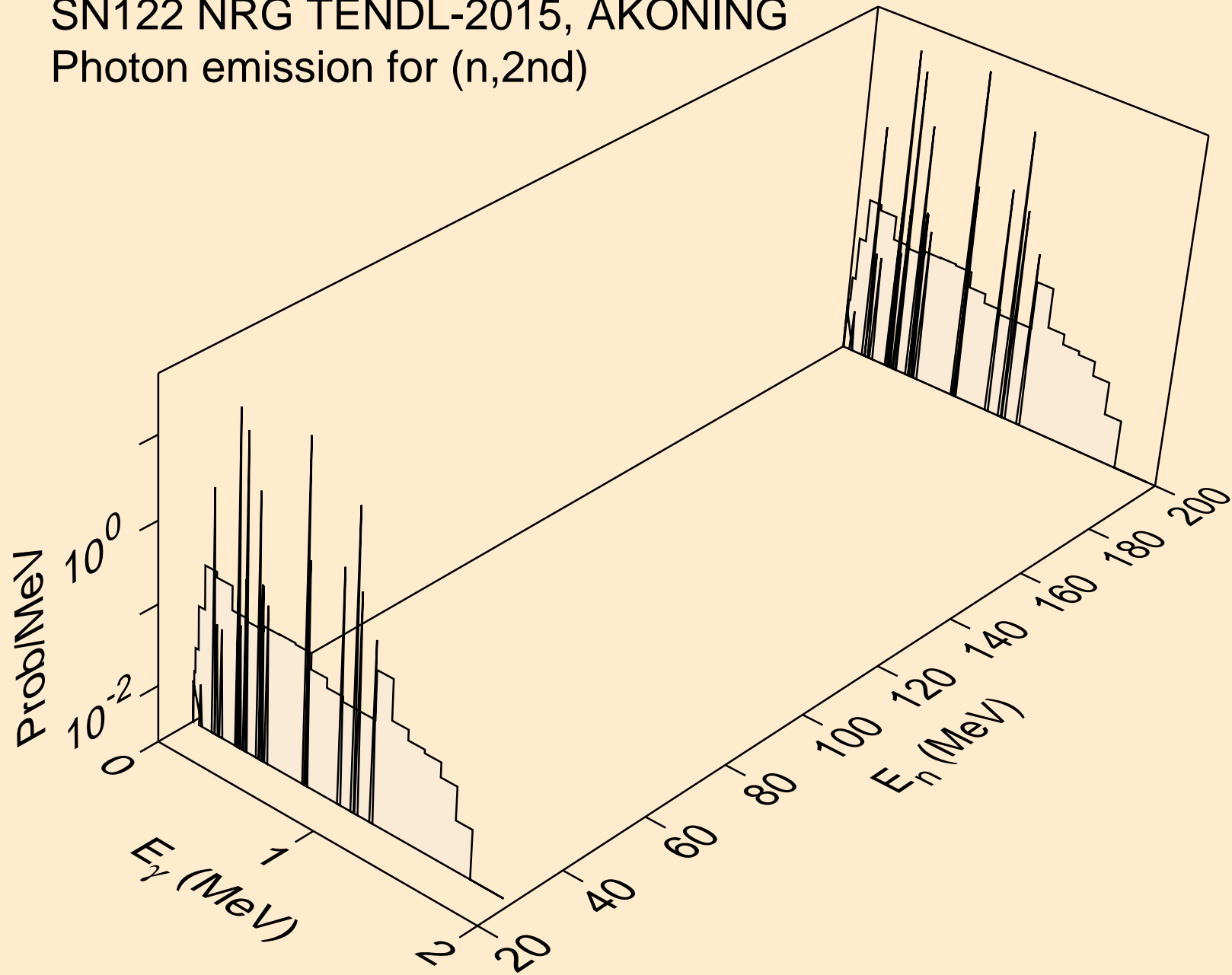




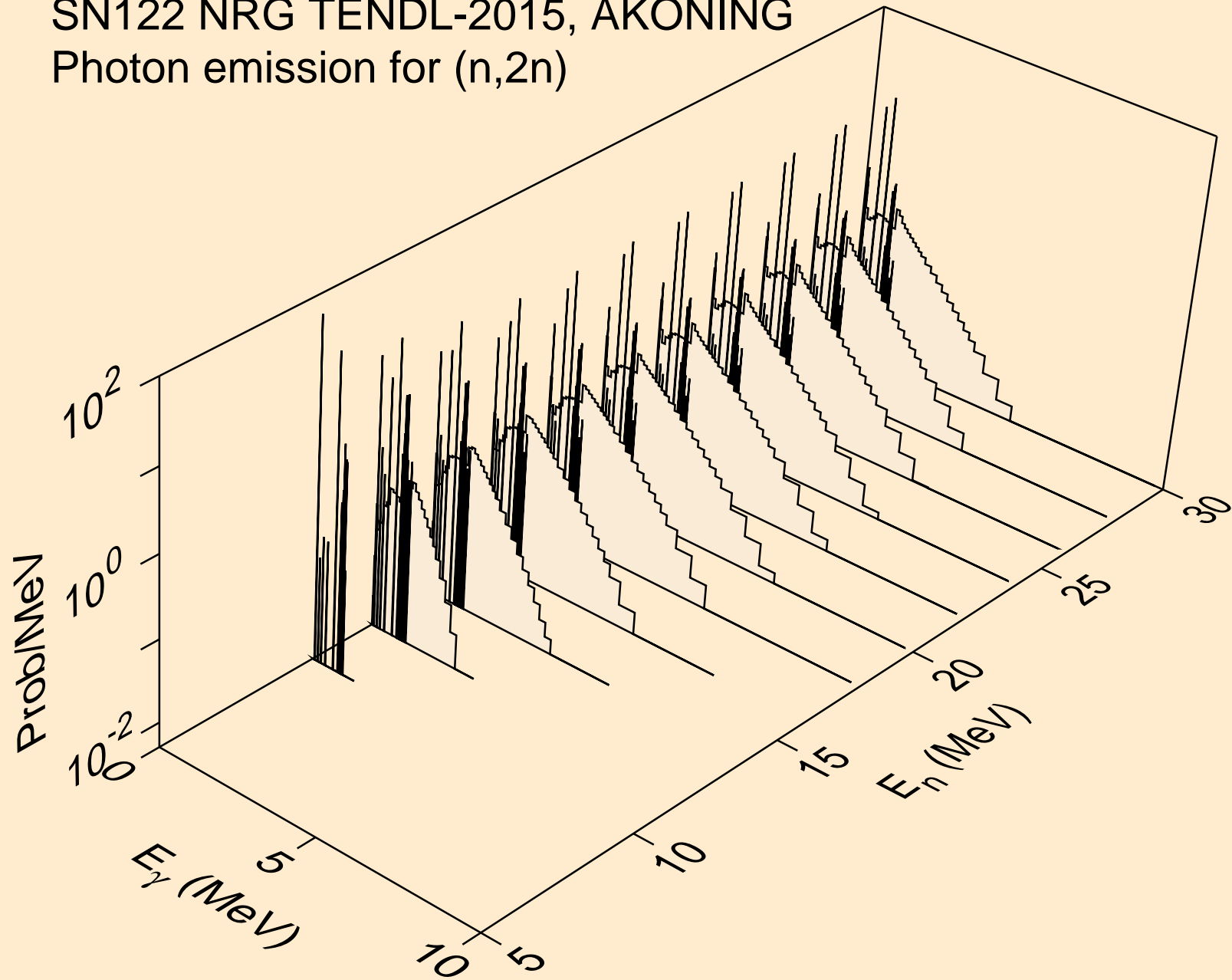
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



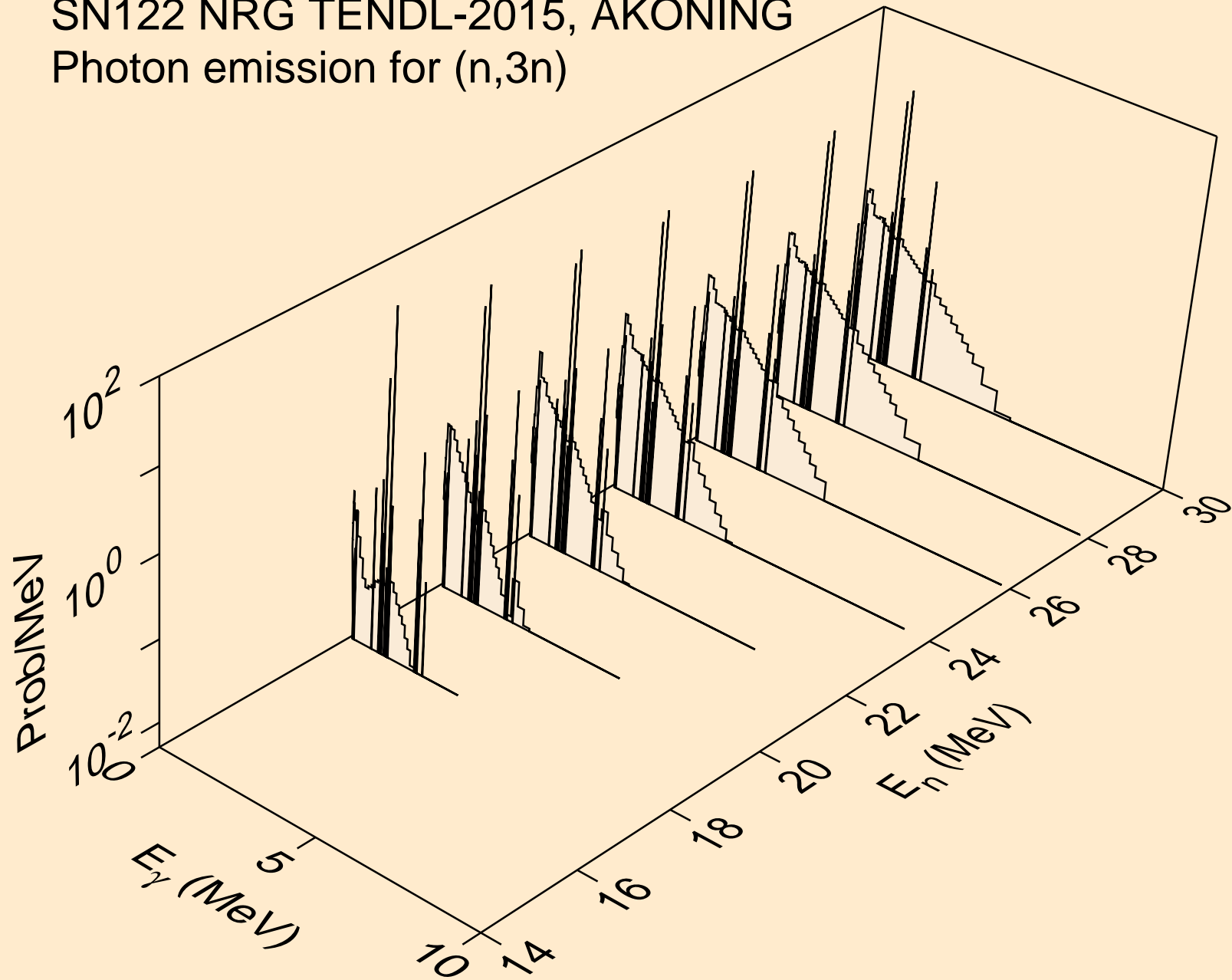
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



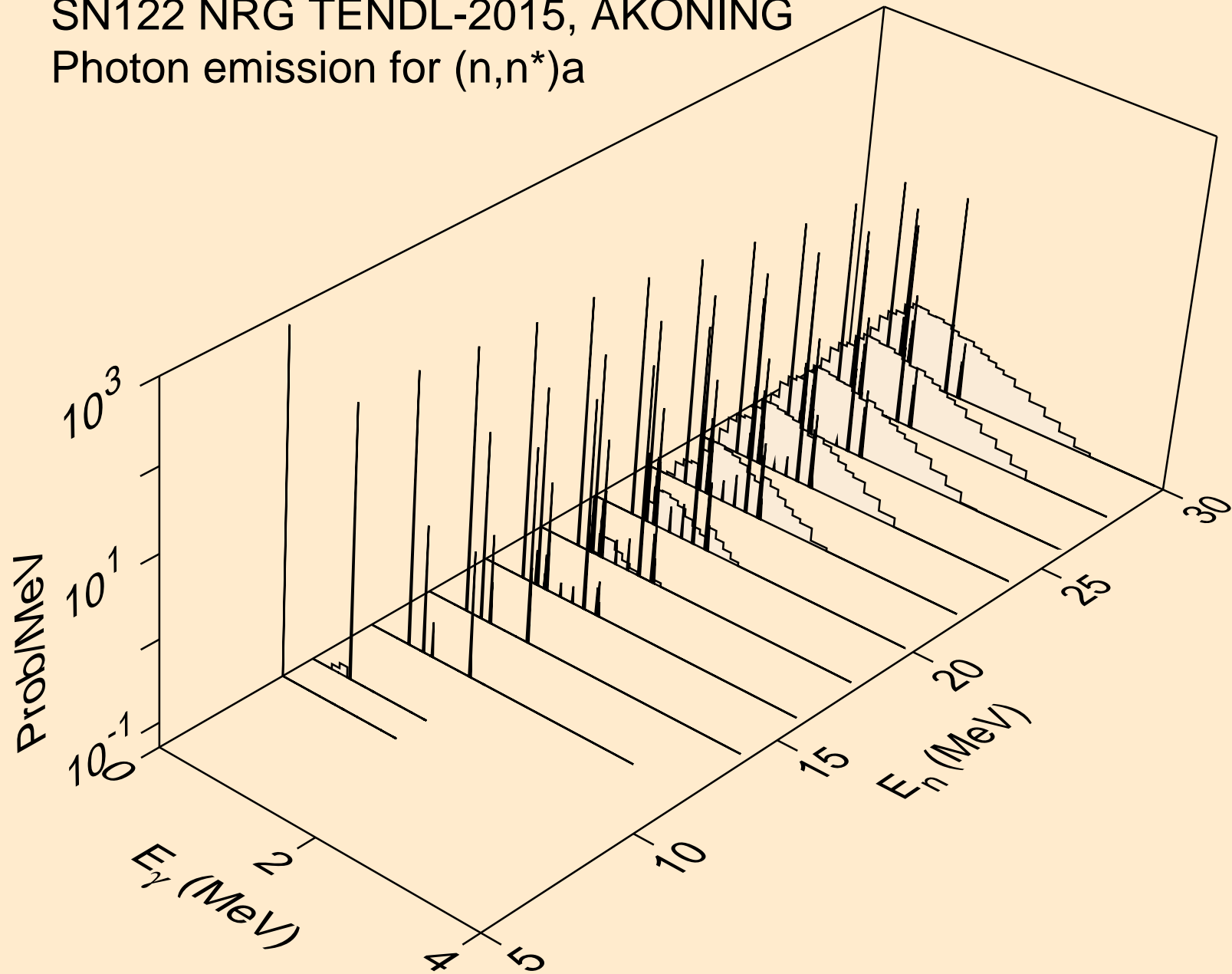
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



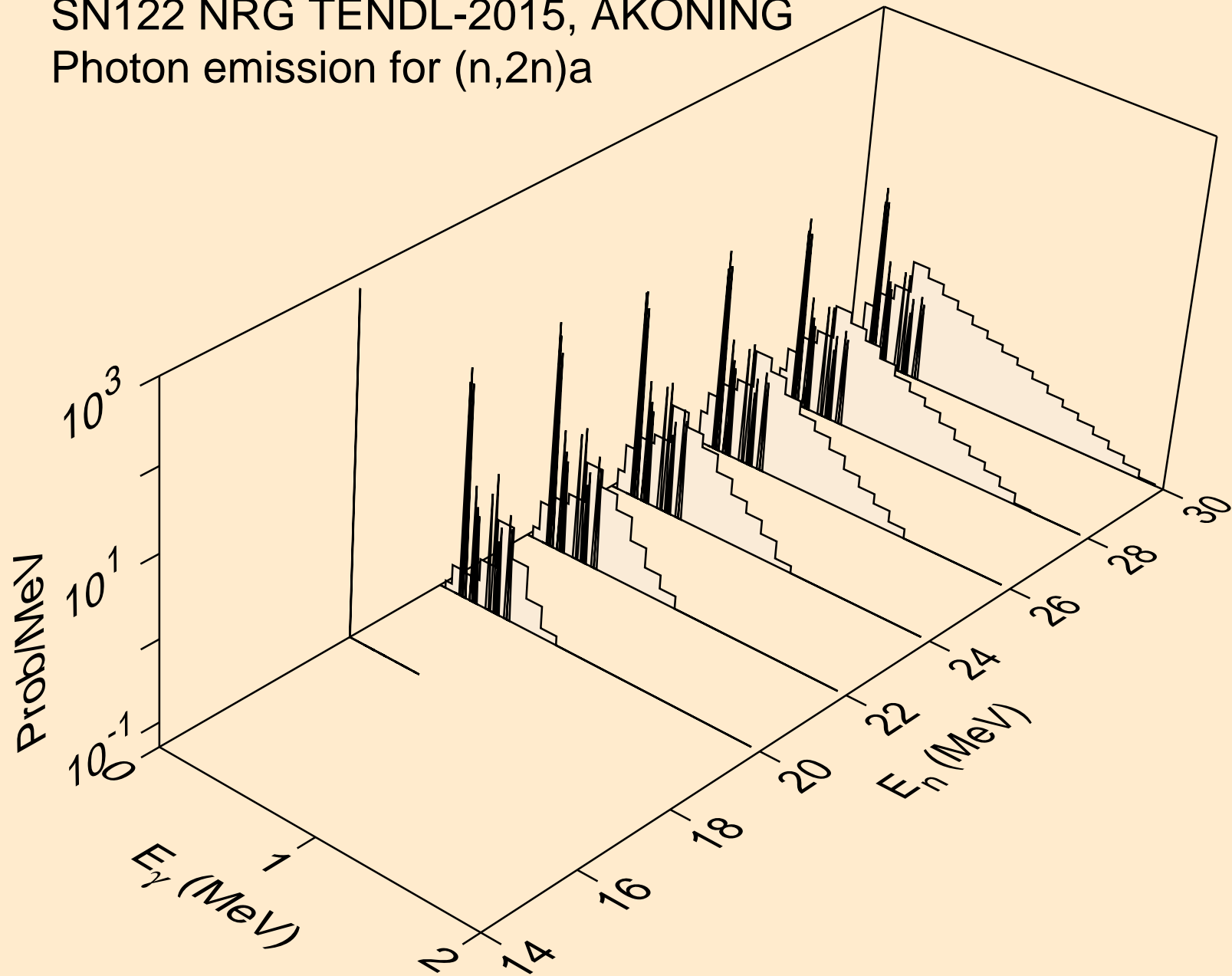
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



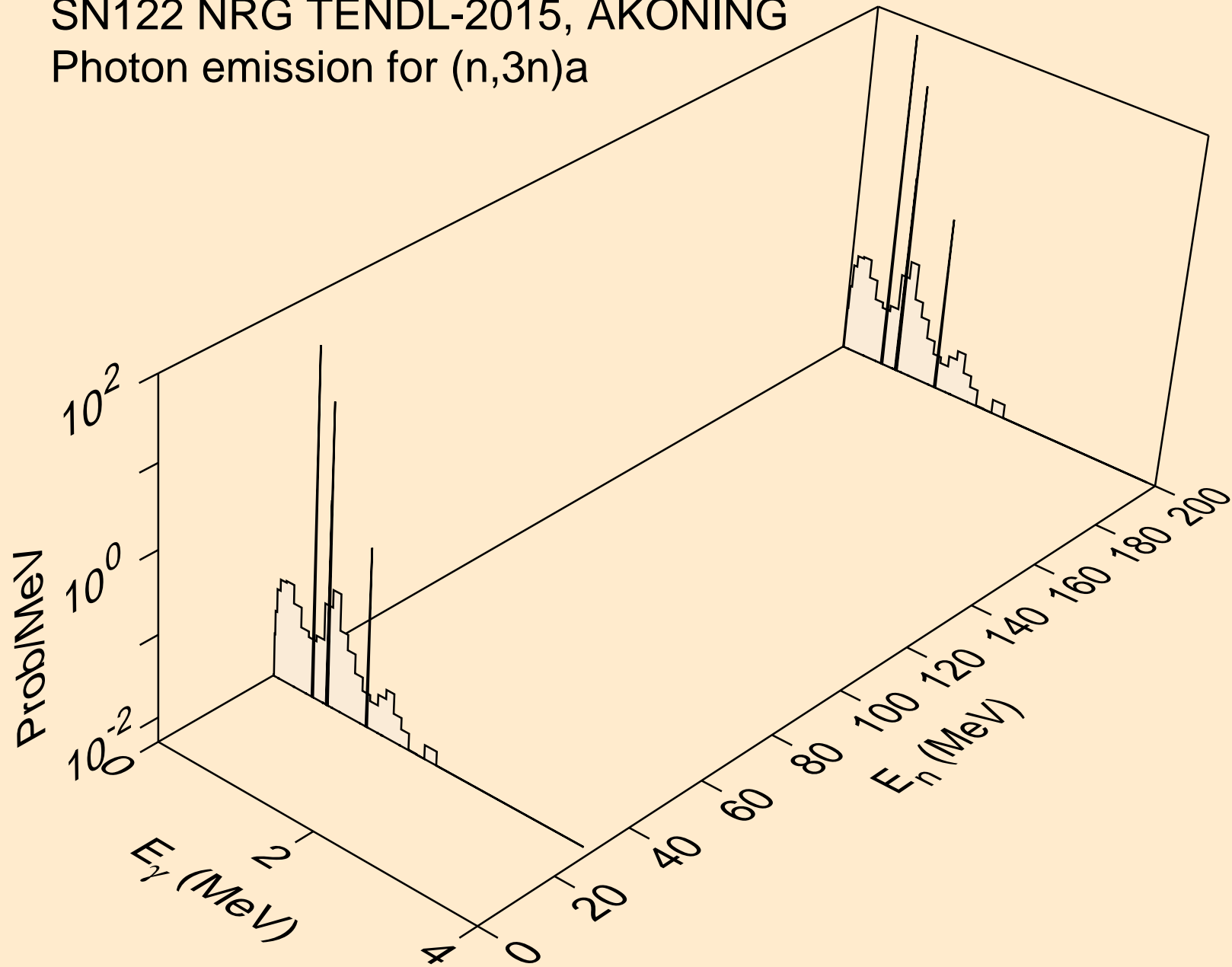
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



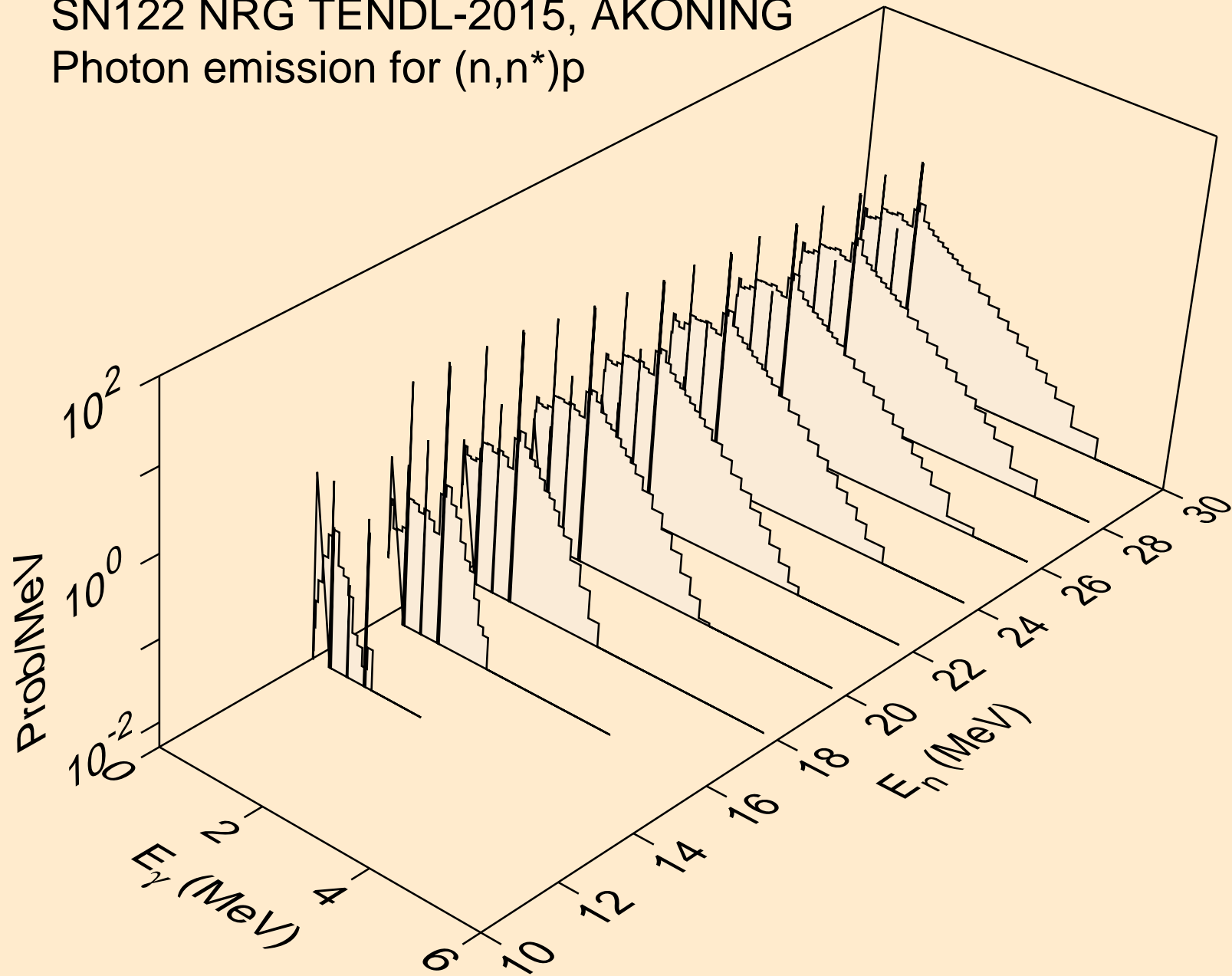
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

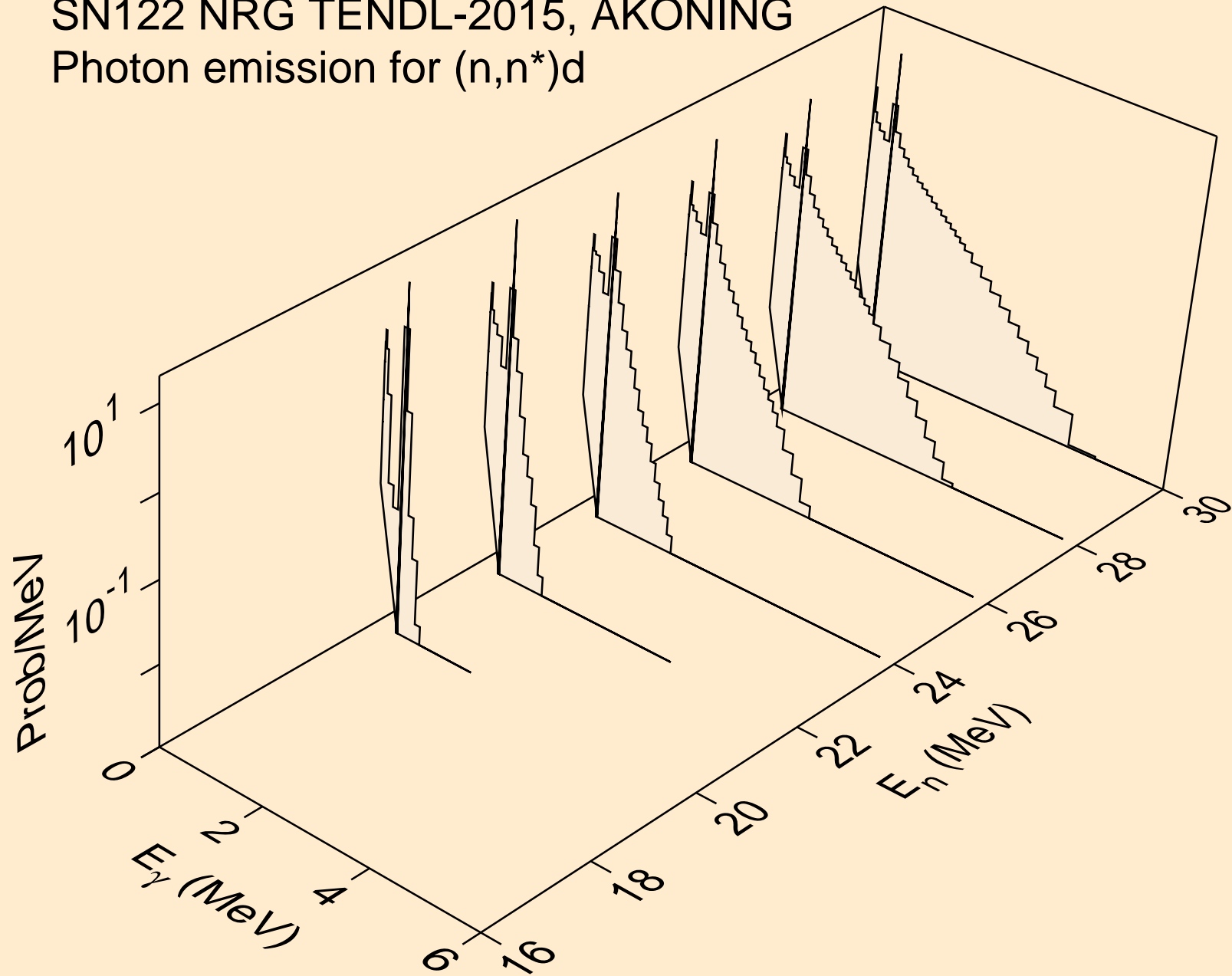


SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

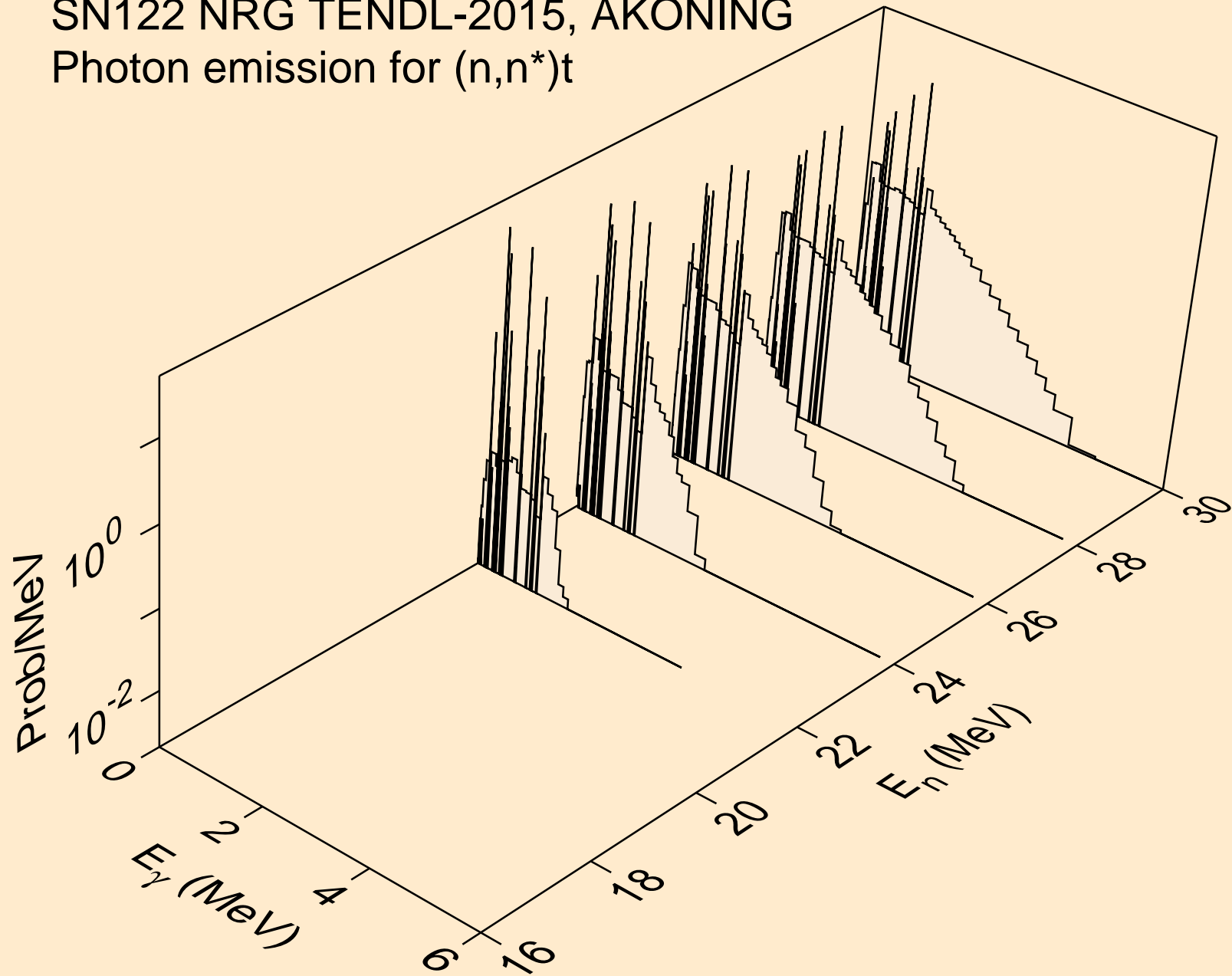




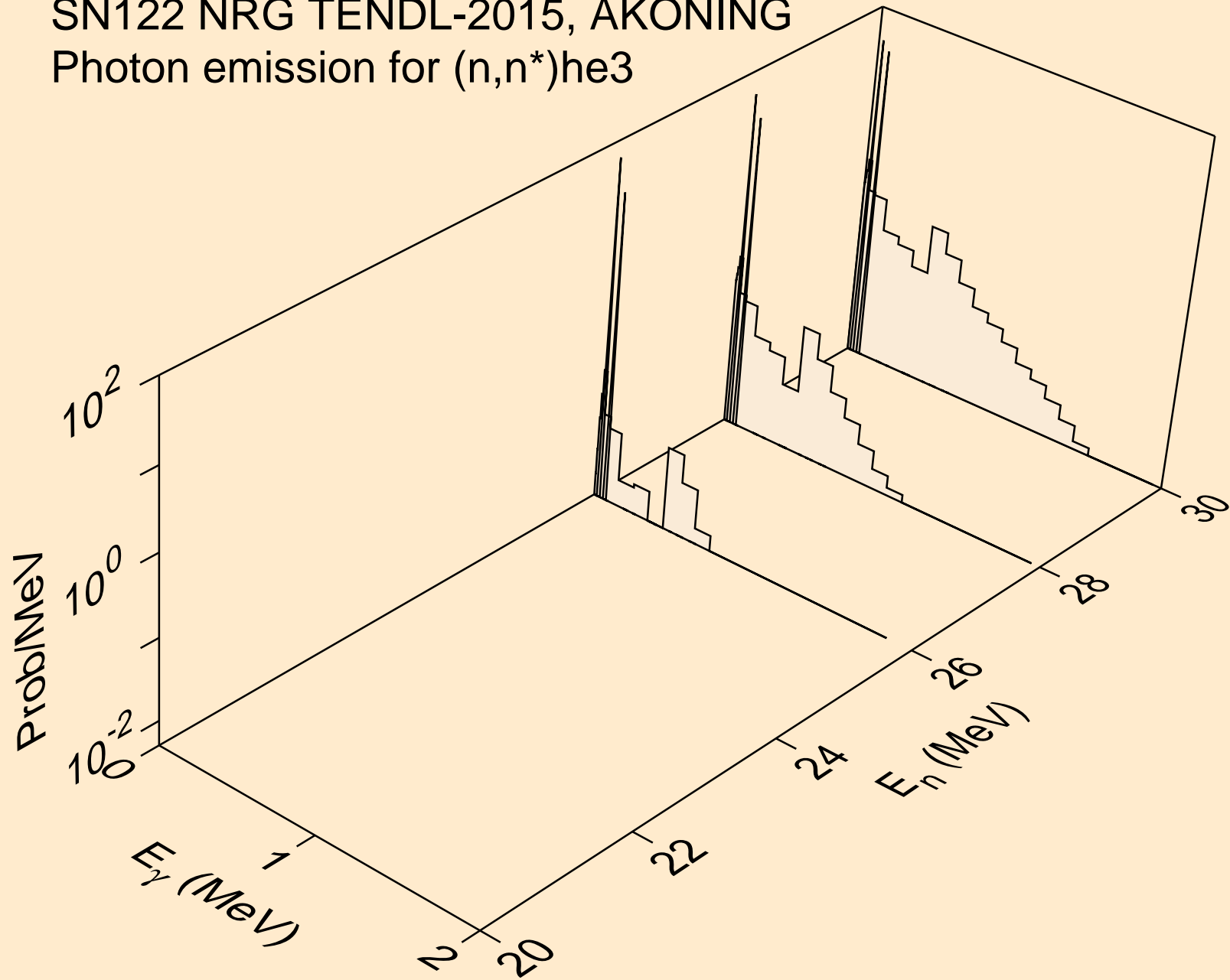
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



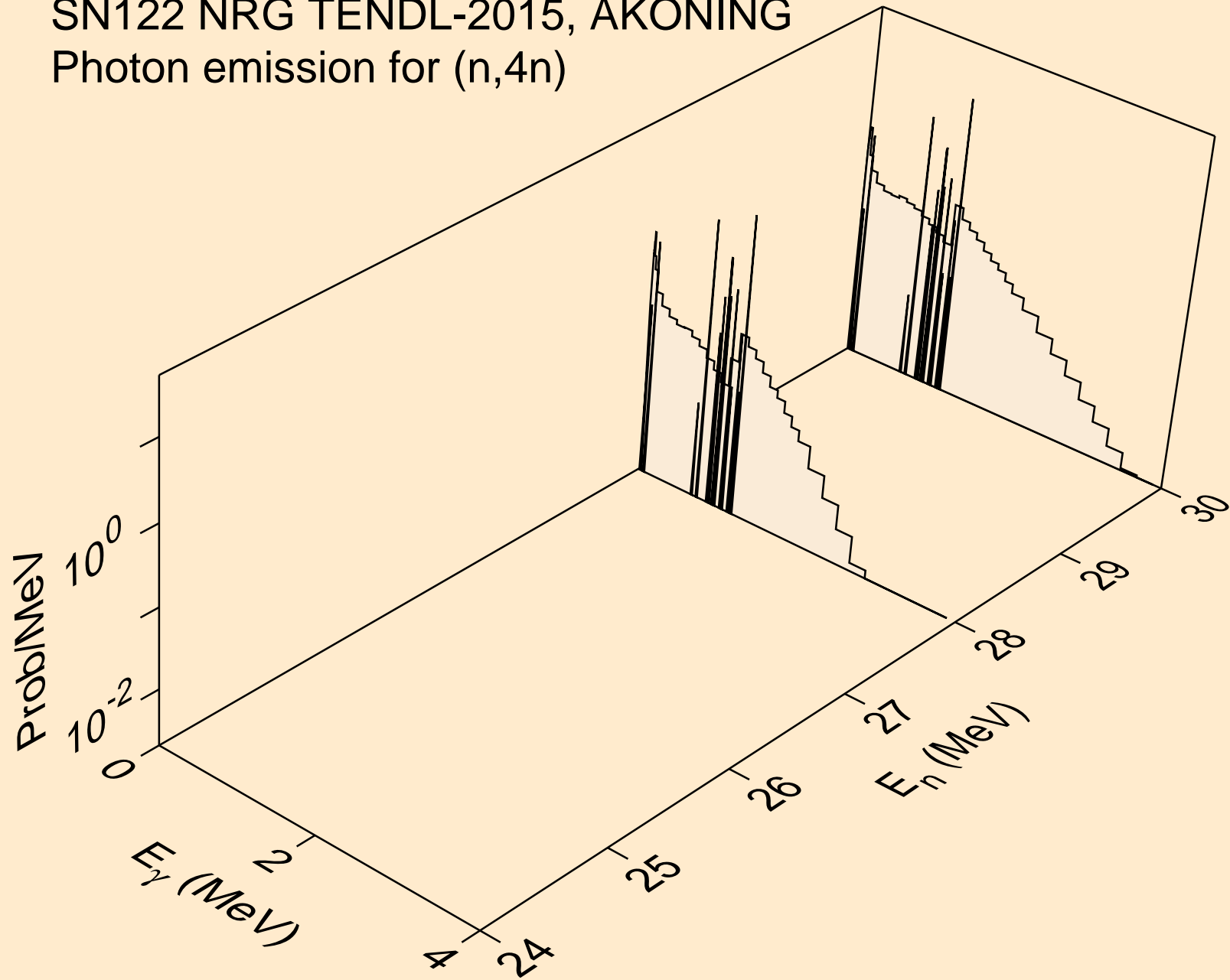
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



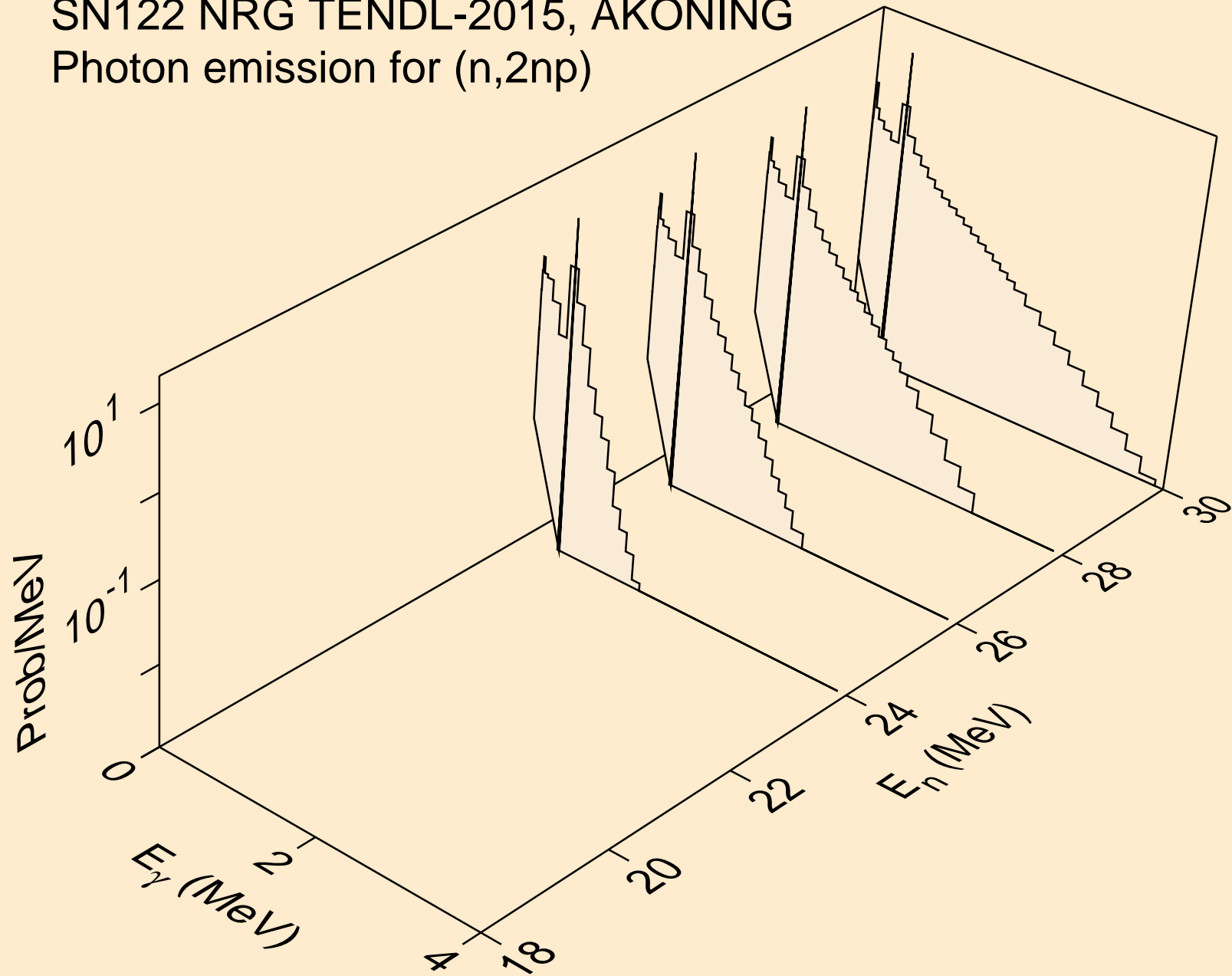
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



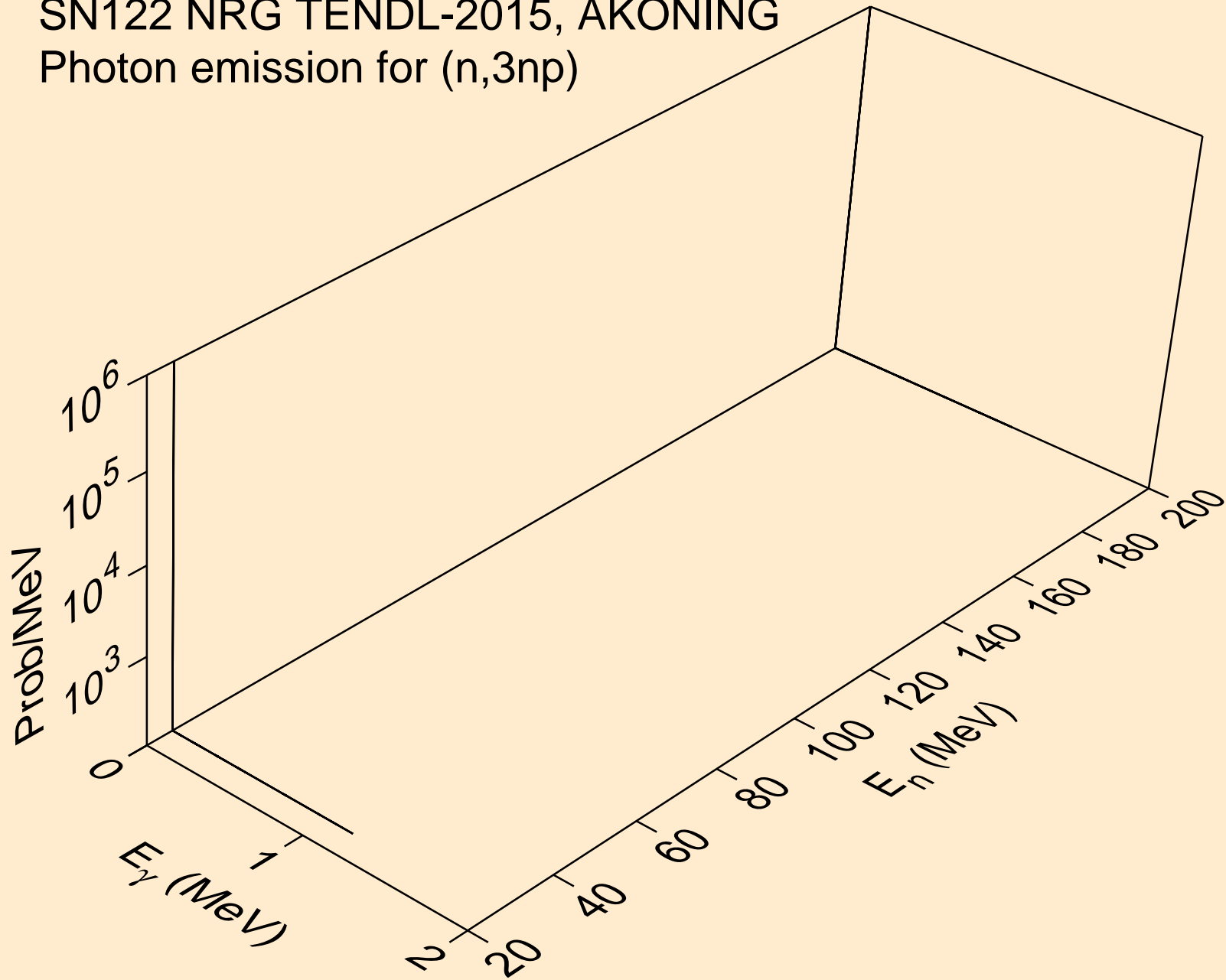
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



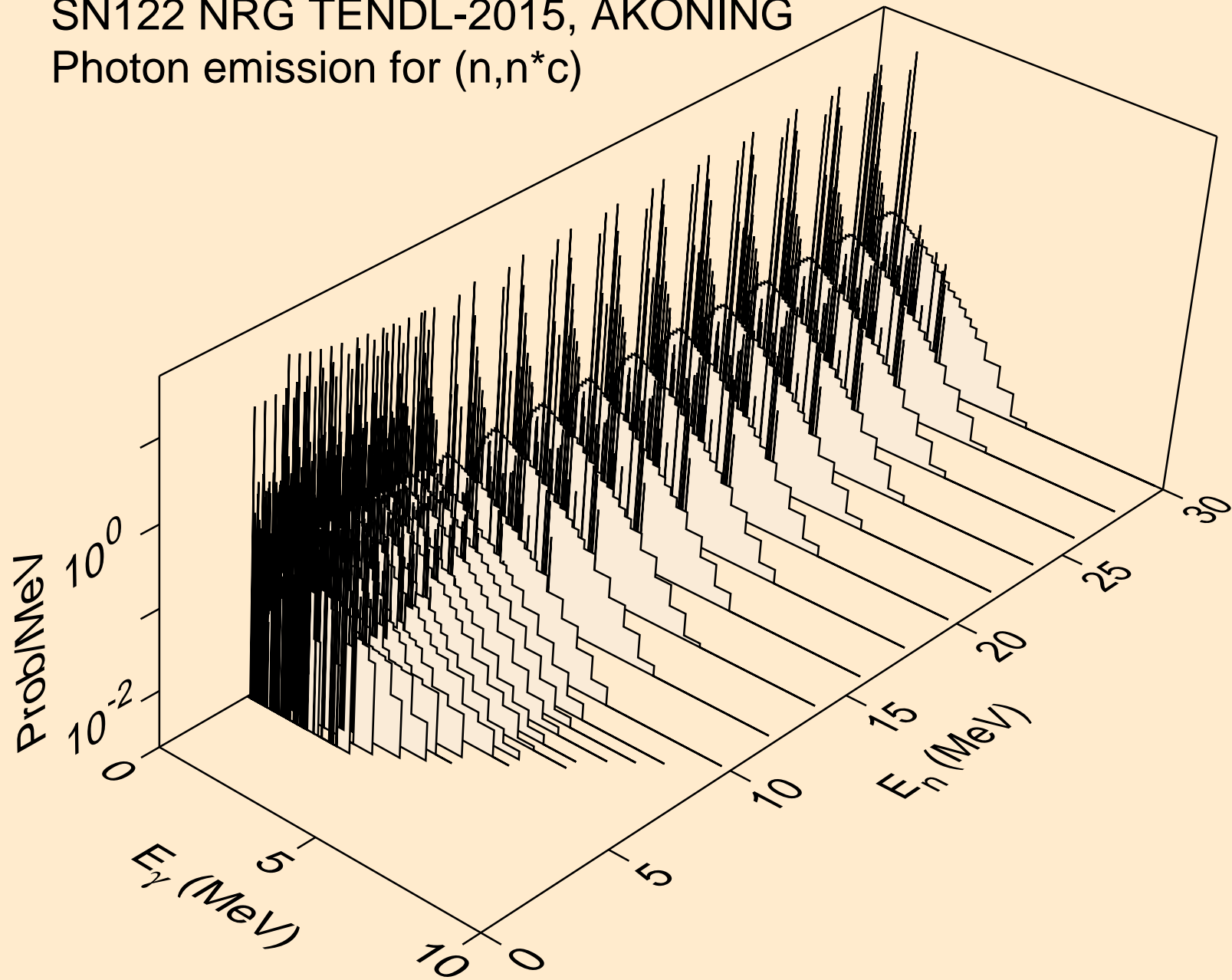
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



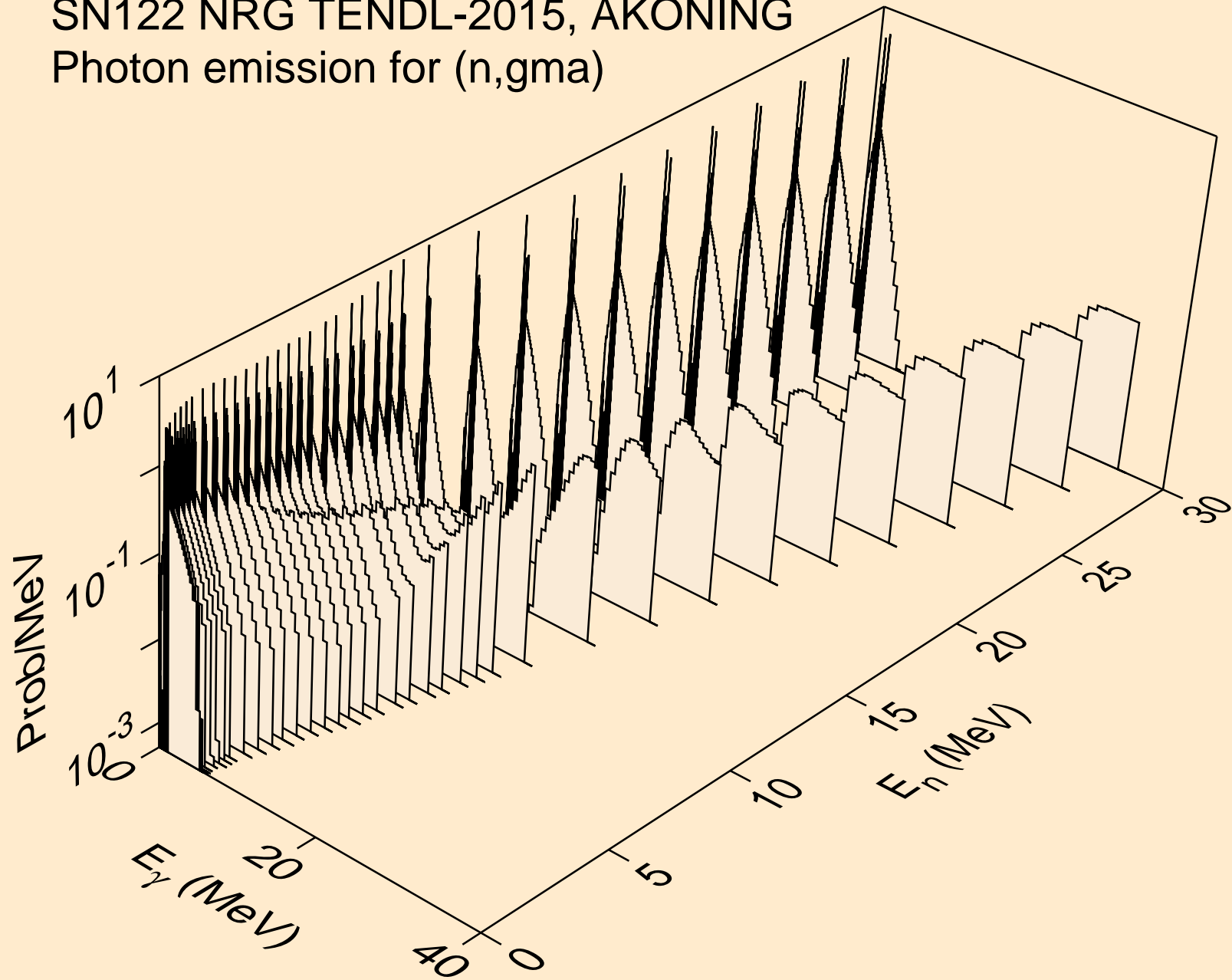
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)

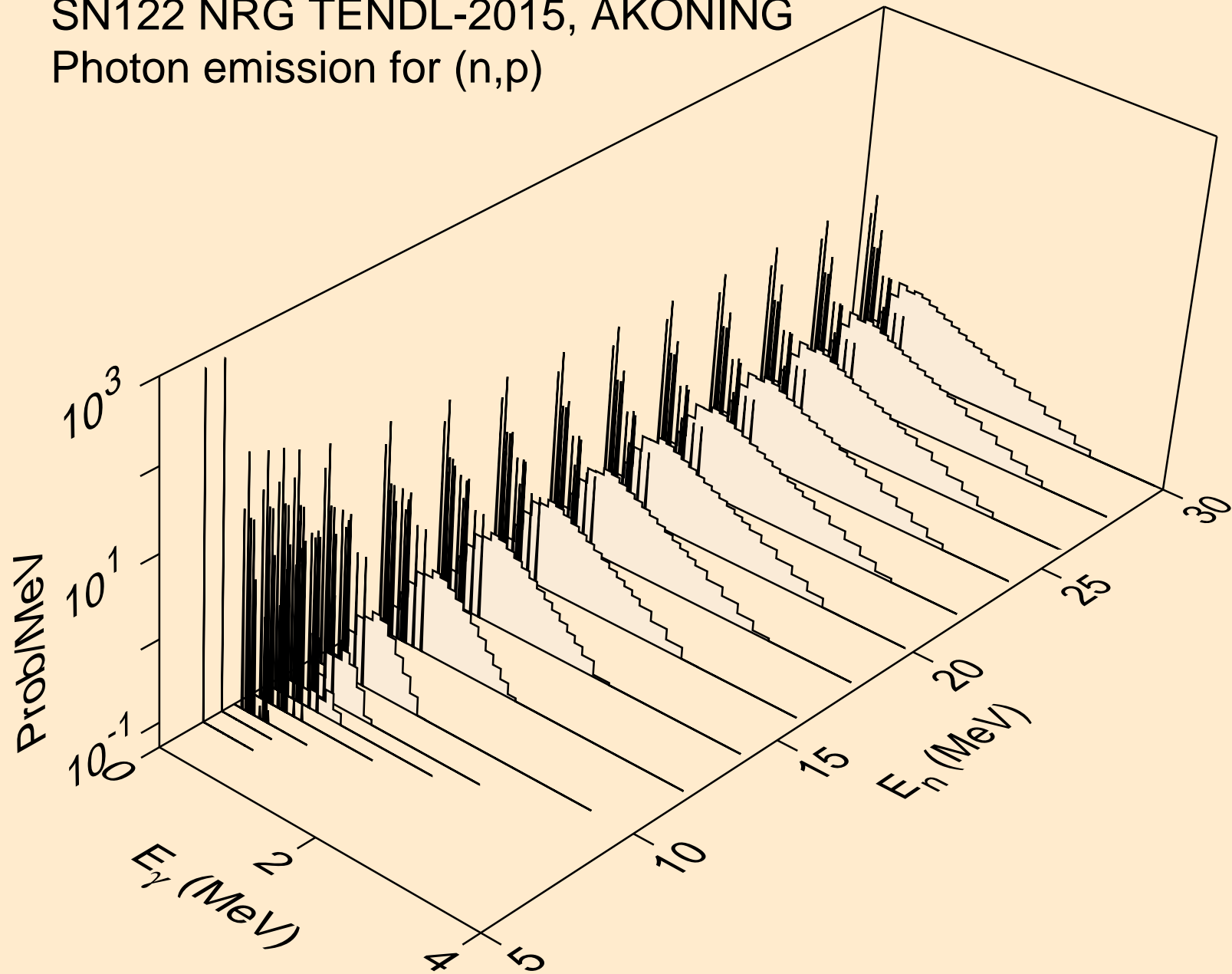


SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

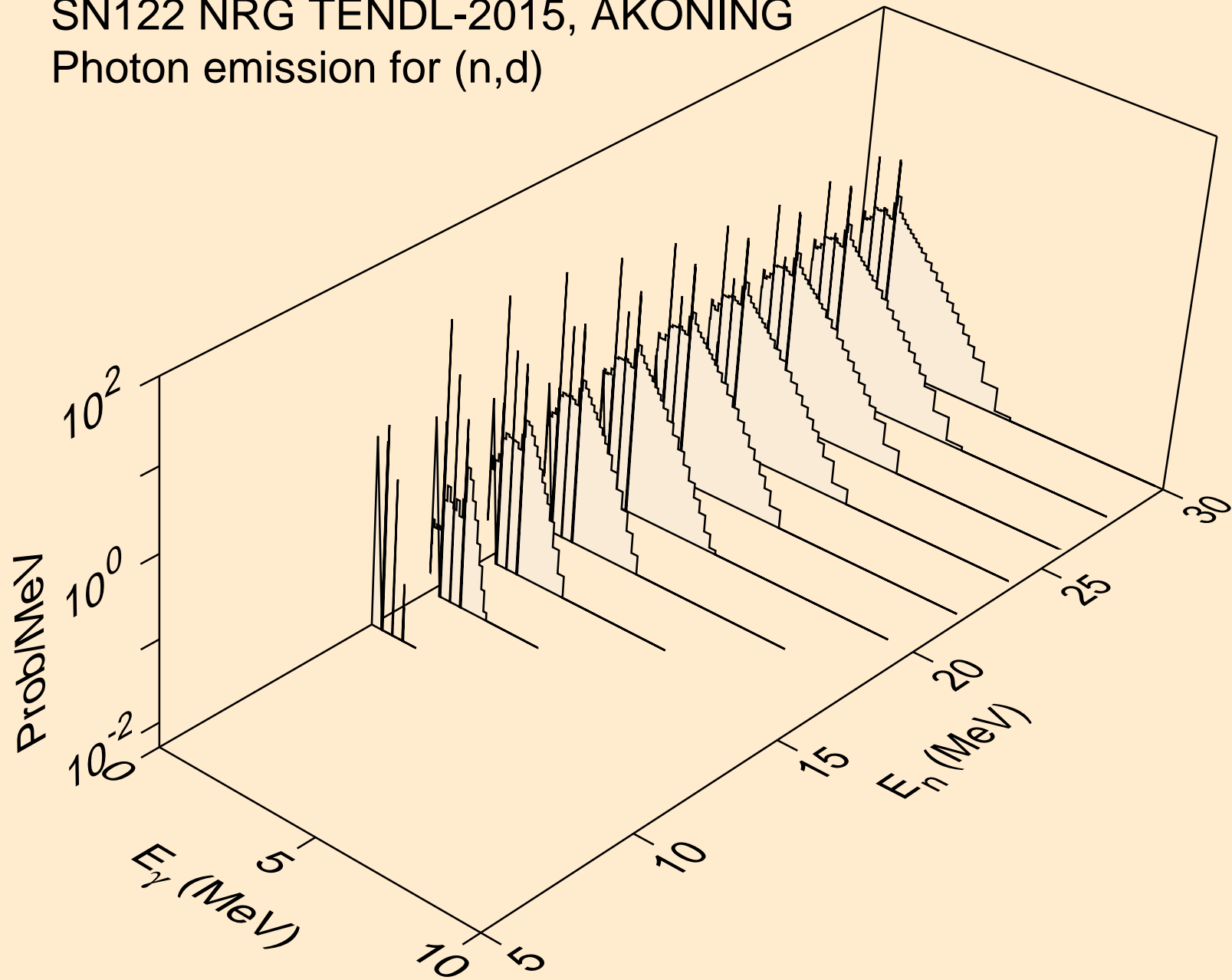




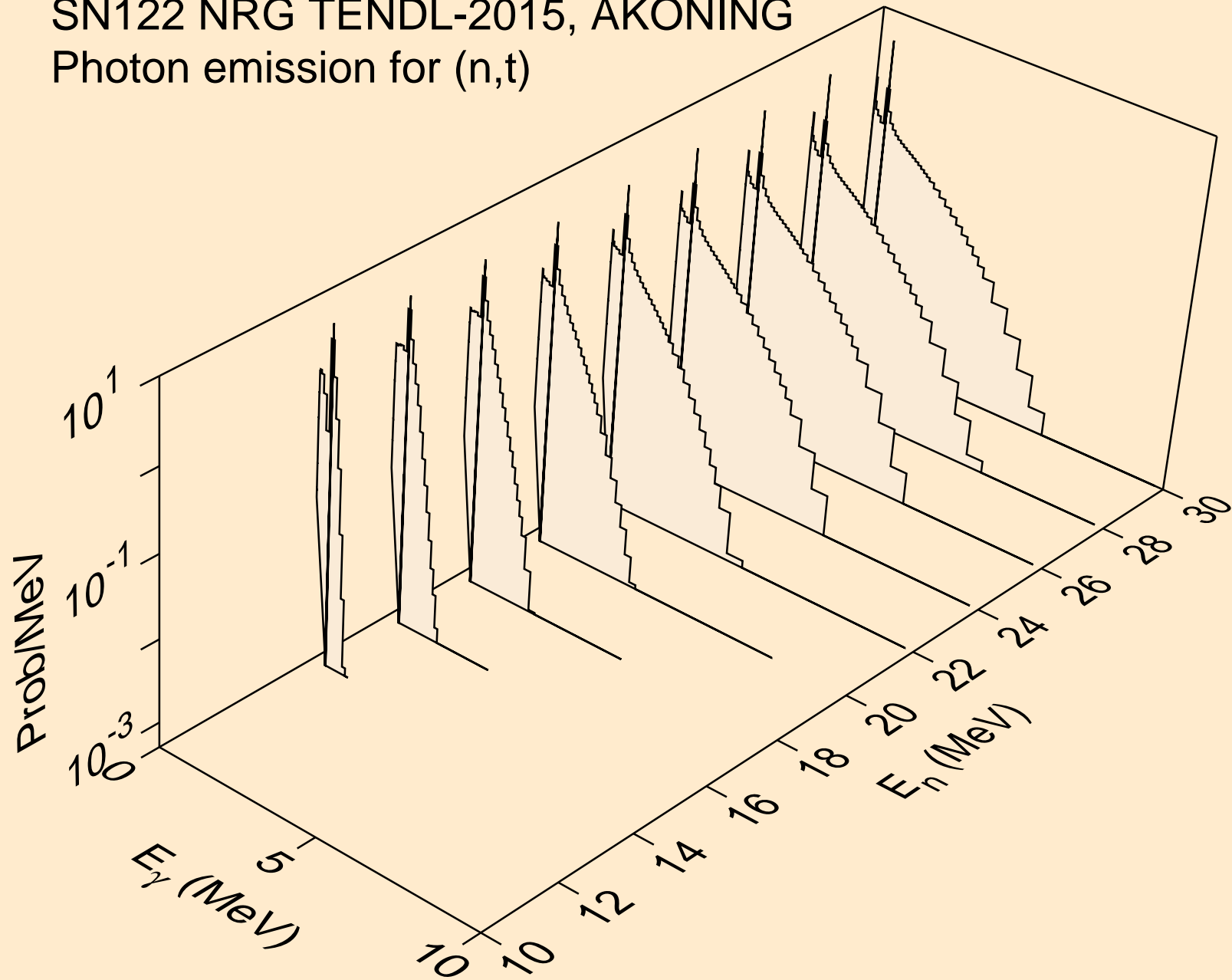
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



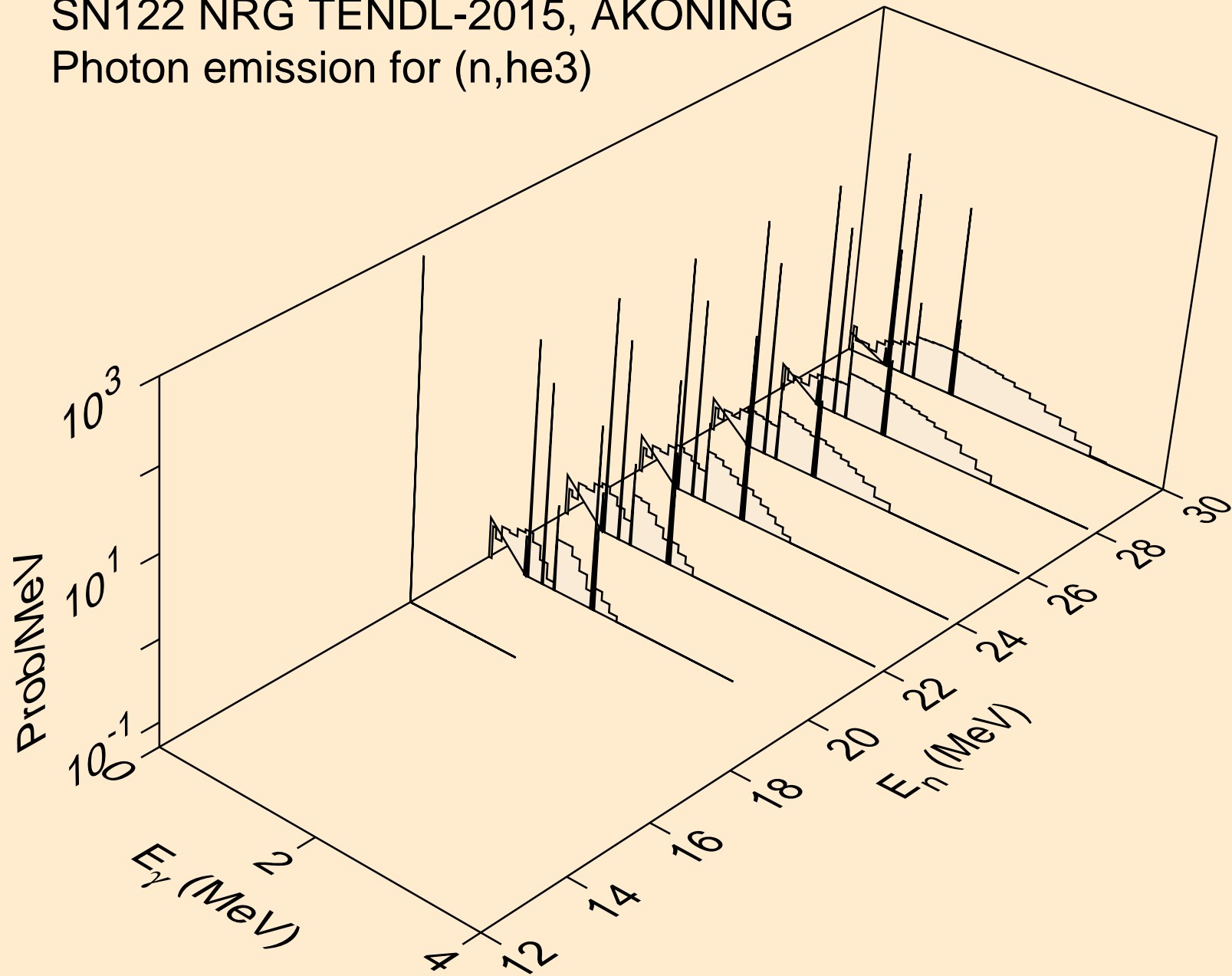
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



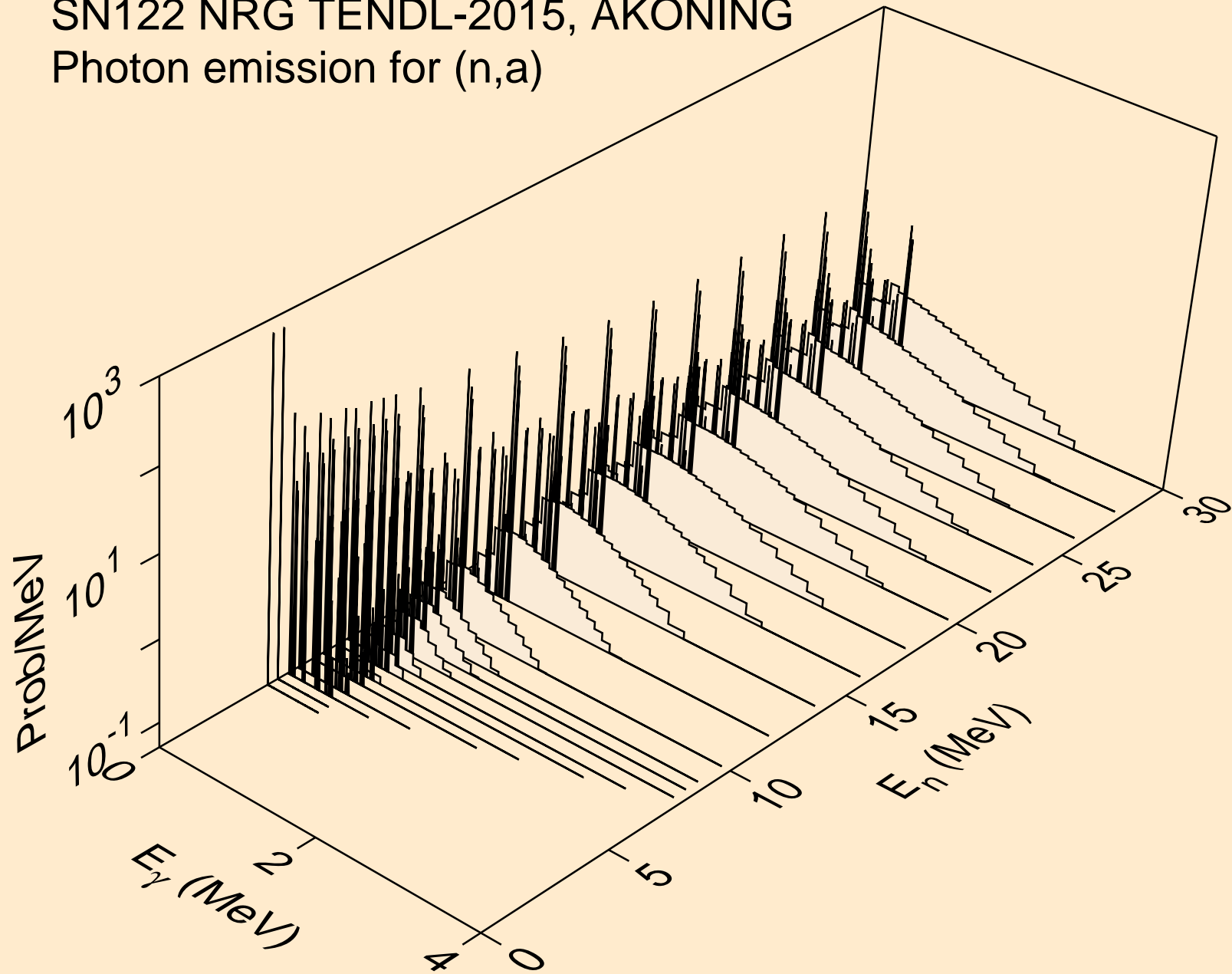
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



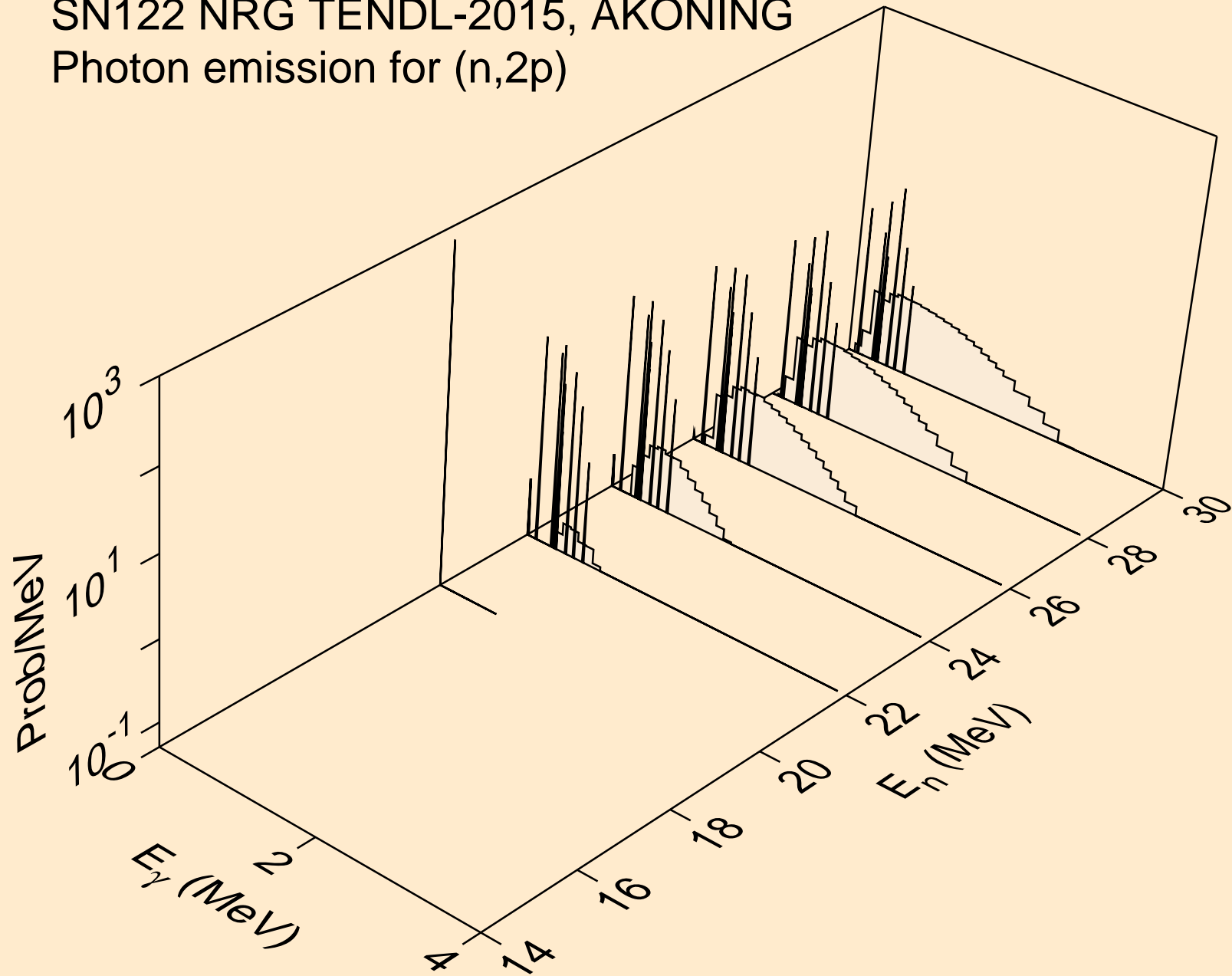
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



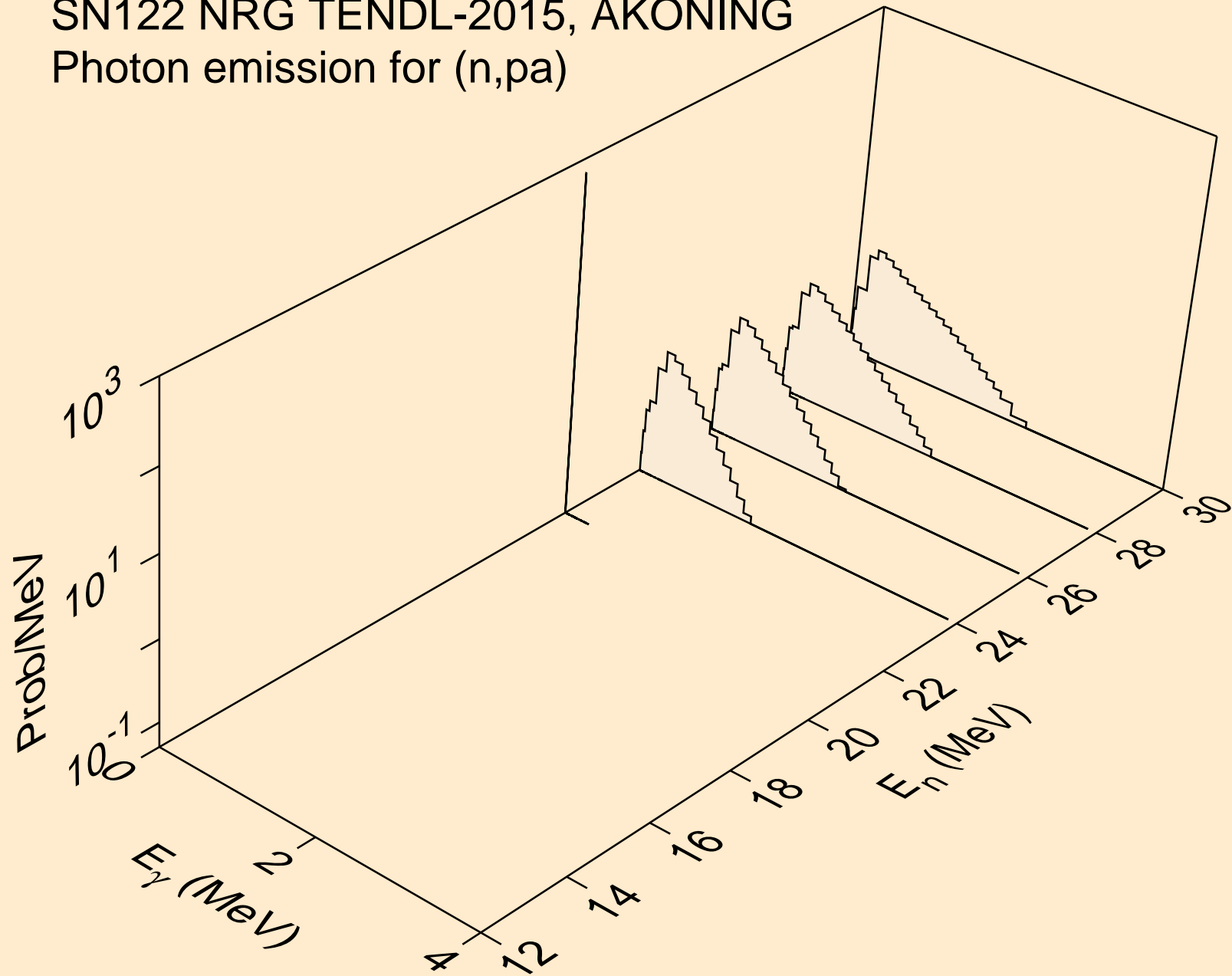
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



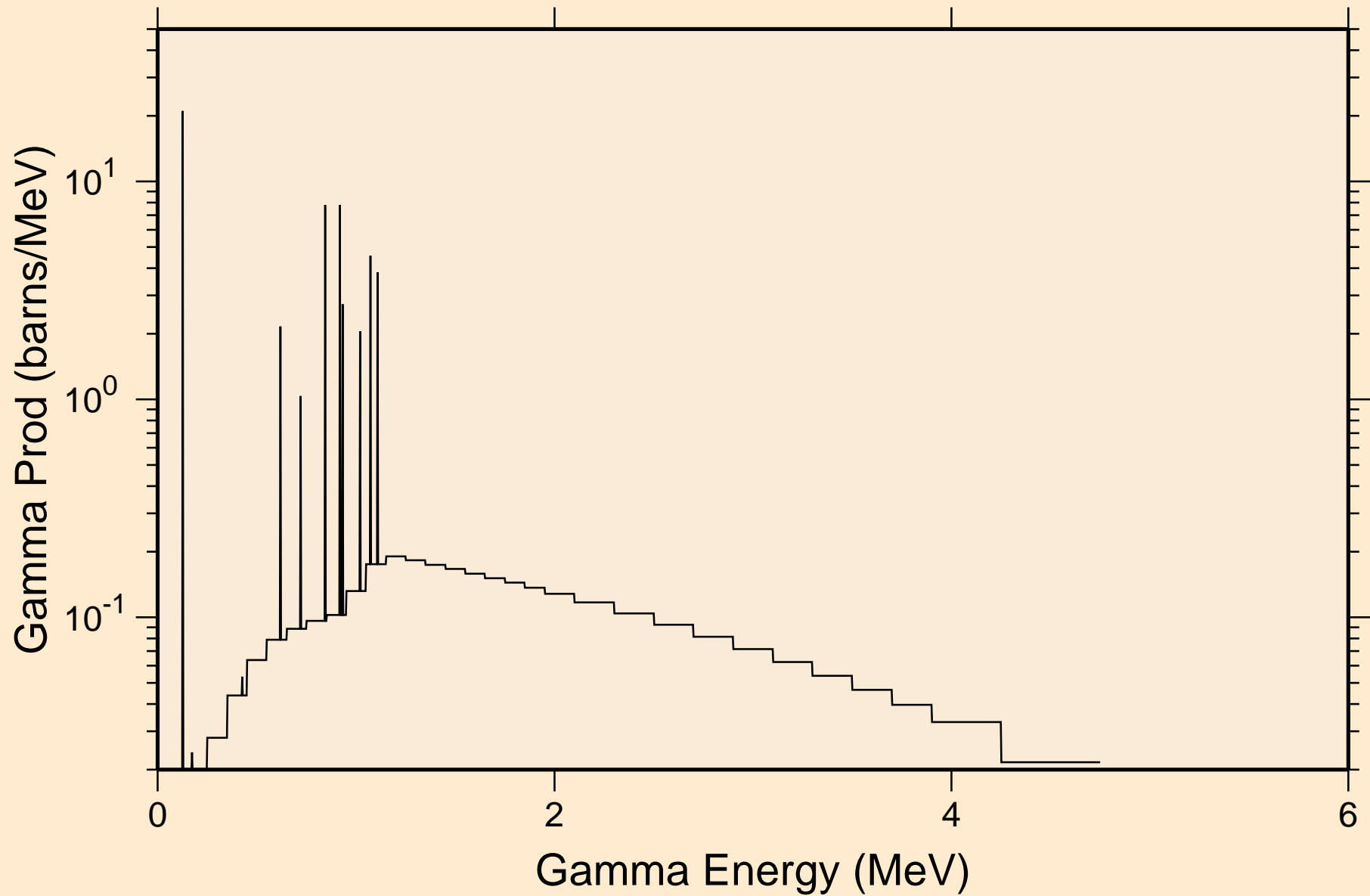
SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



SN122 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

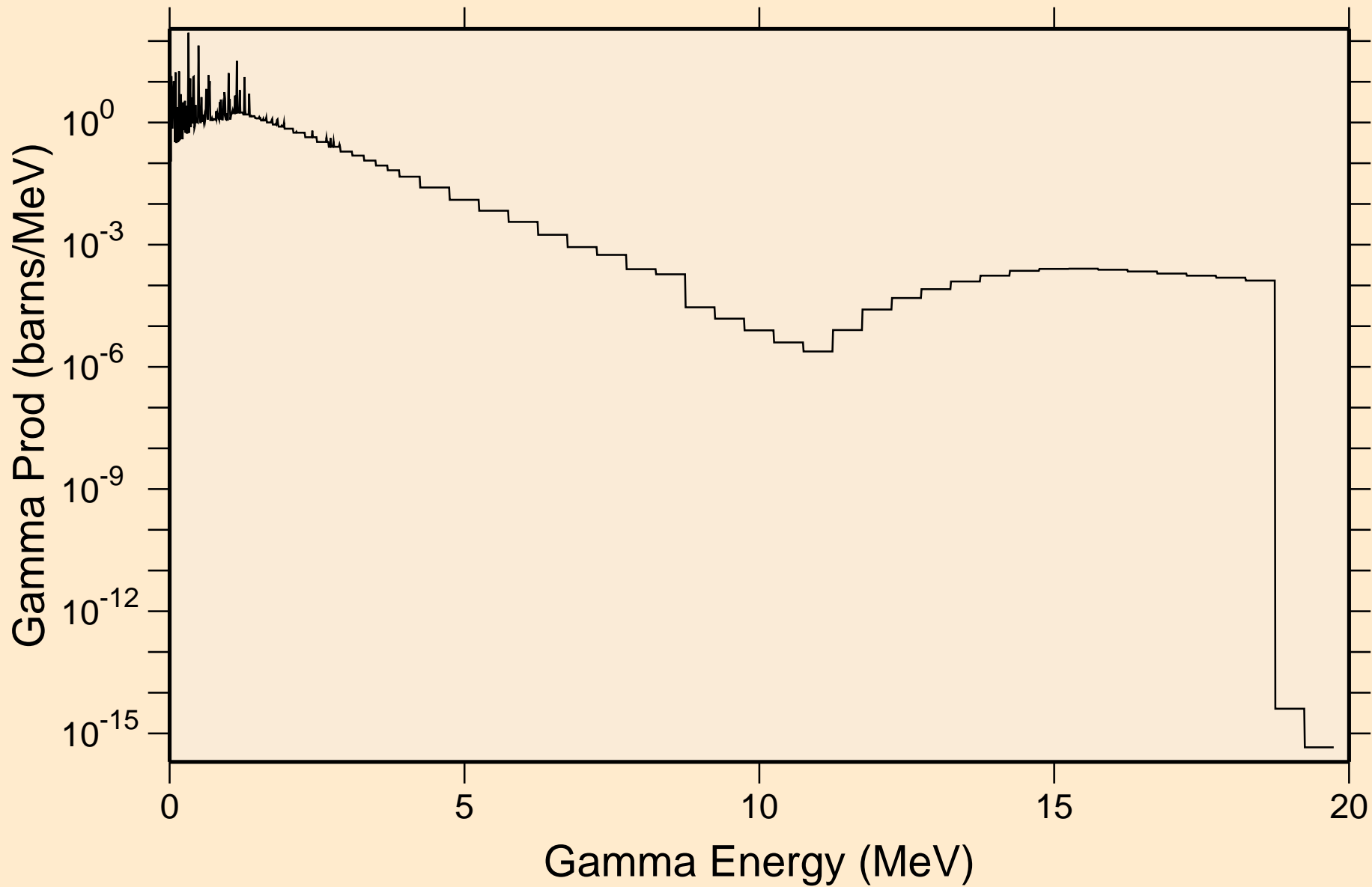


SN122 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



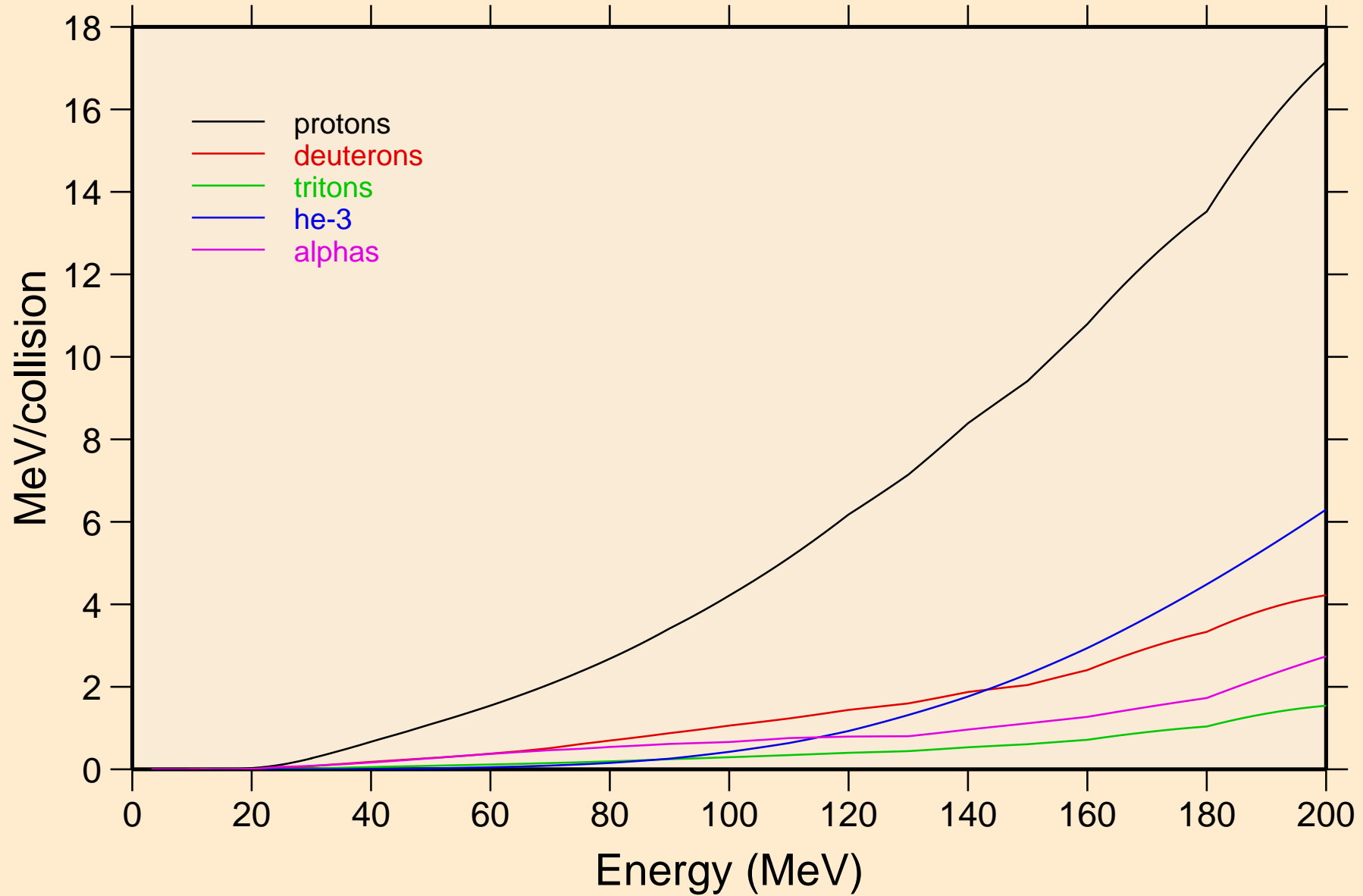


SN122 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



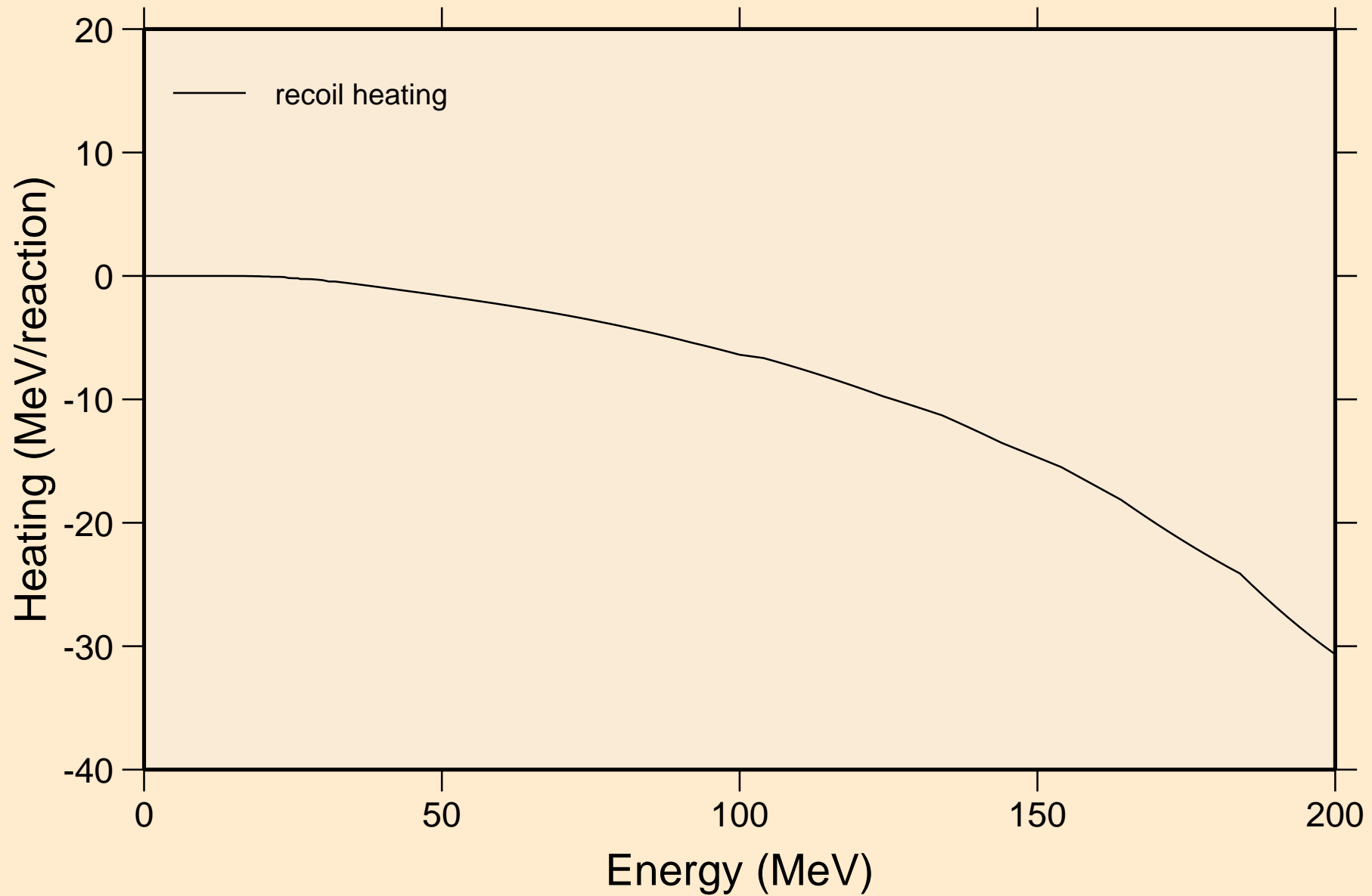
# SN122 NRG TENDL-2015, AKONING

## Particle heating contributions



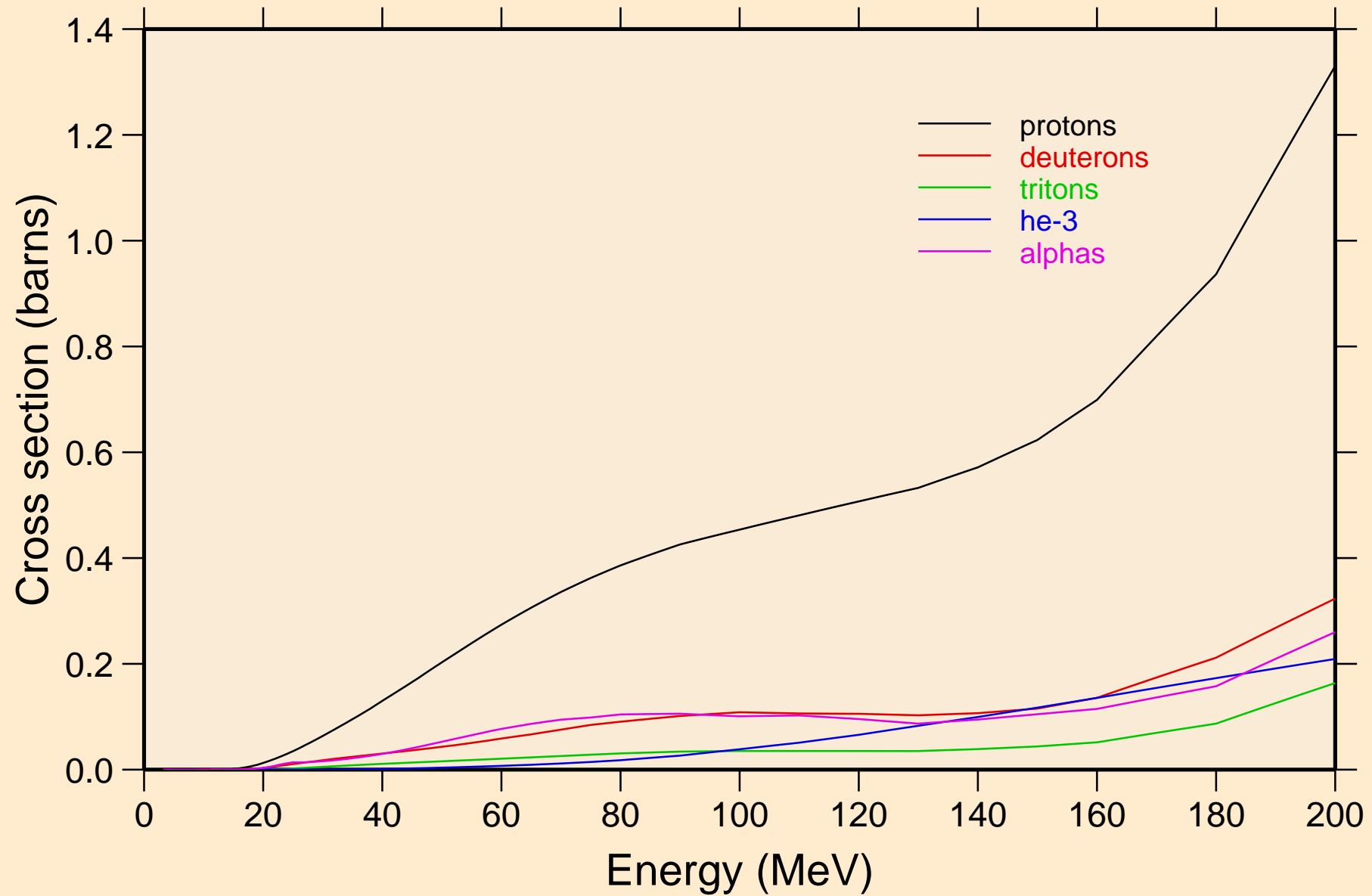
# SN122 NRG TENDL-2015, AKONING

## Recoil Heating

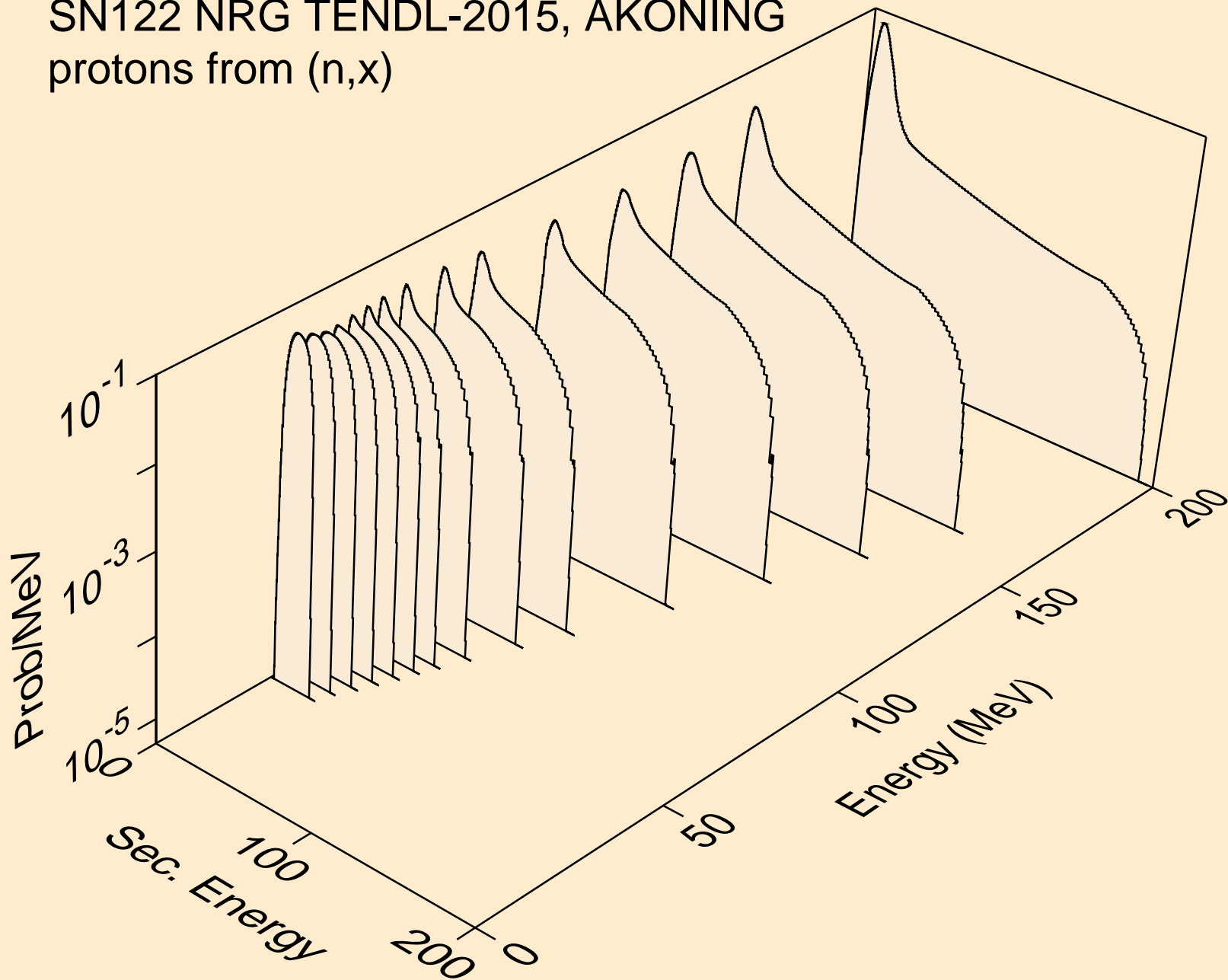


# SN122 NRG TENDL-2015, AKONING

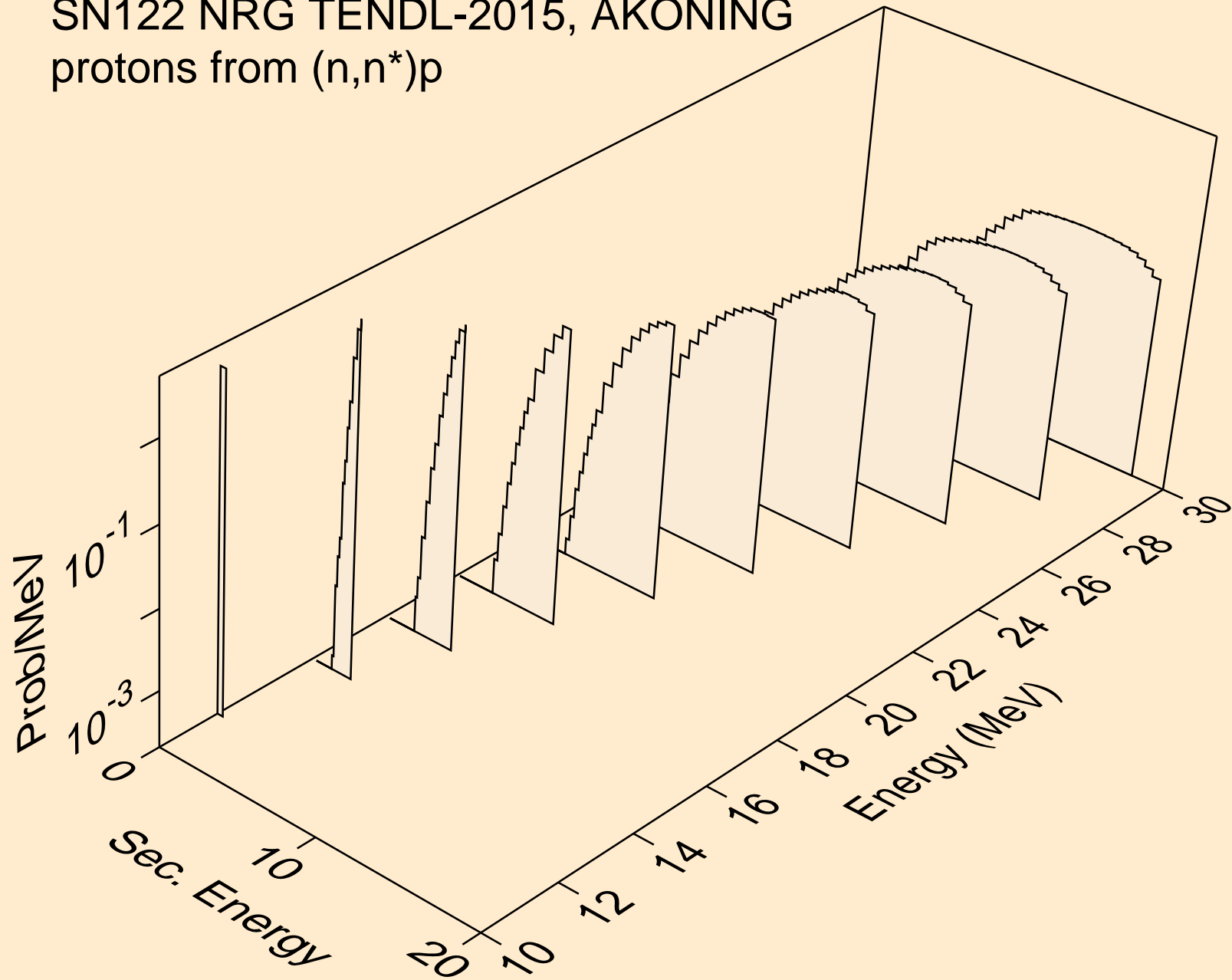
## Particle production cross sections



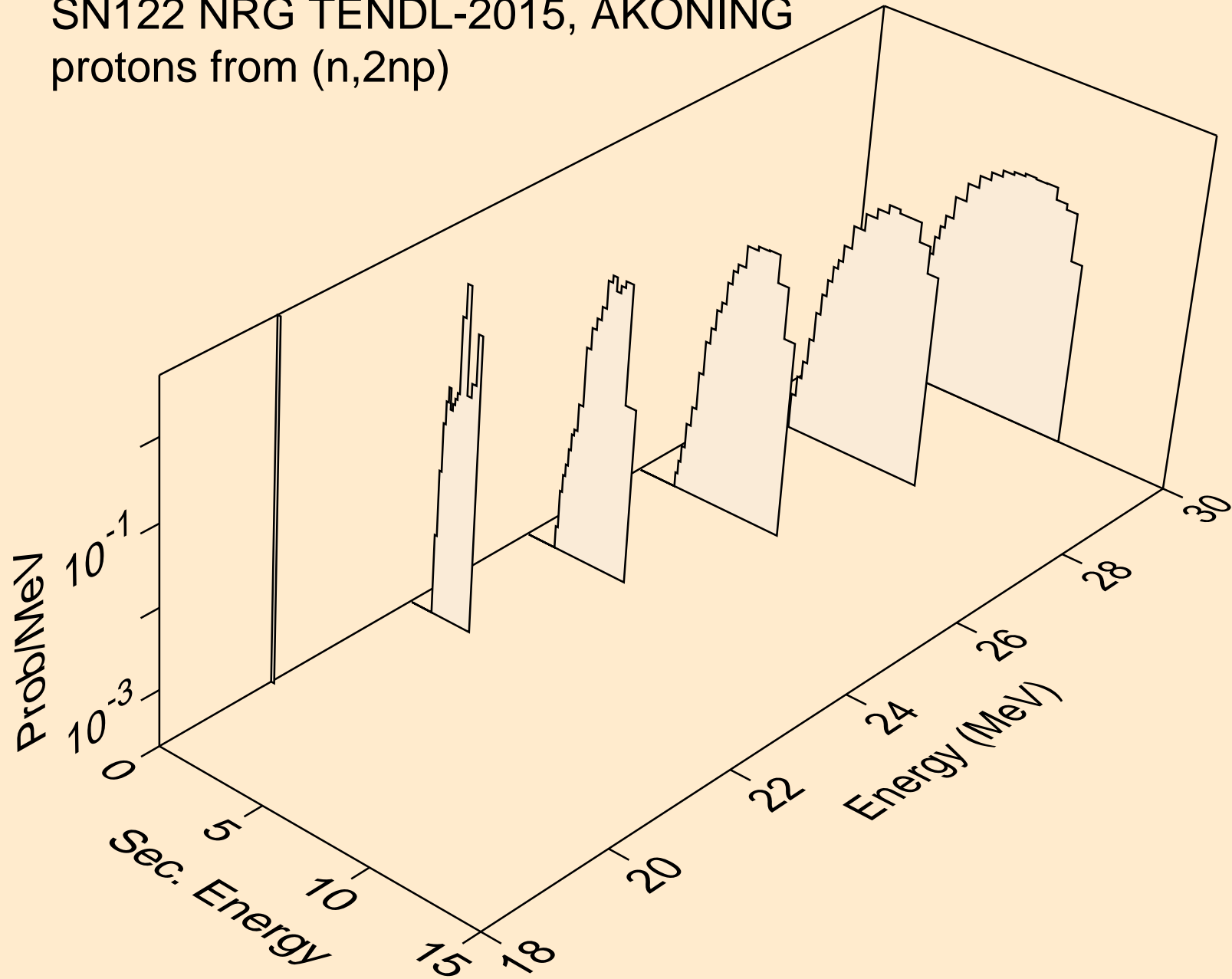
SN122 NRG TENDL-2015, AKONING  
protons from (n,x)



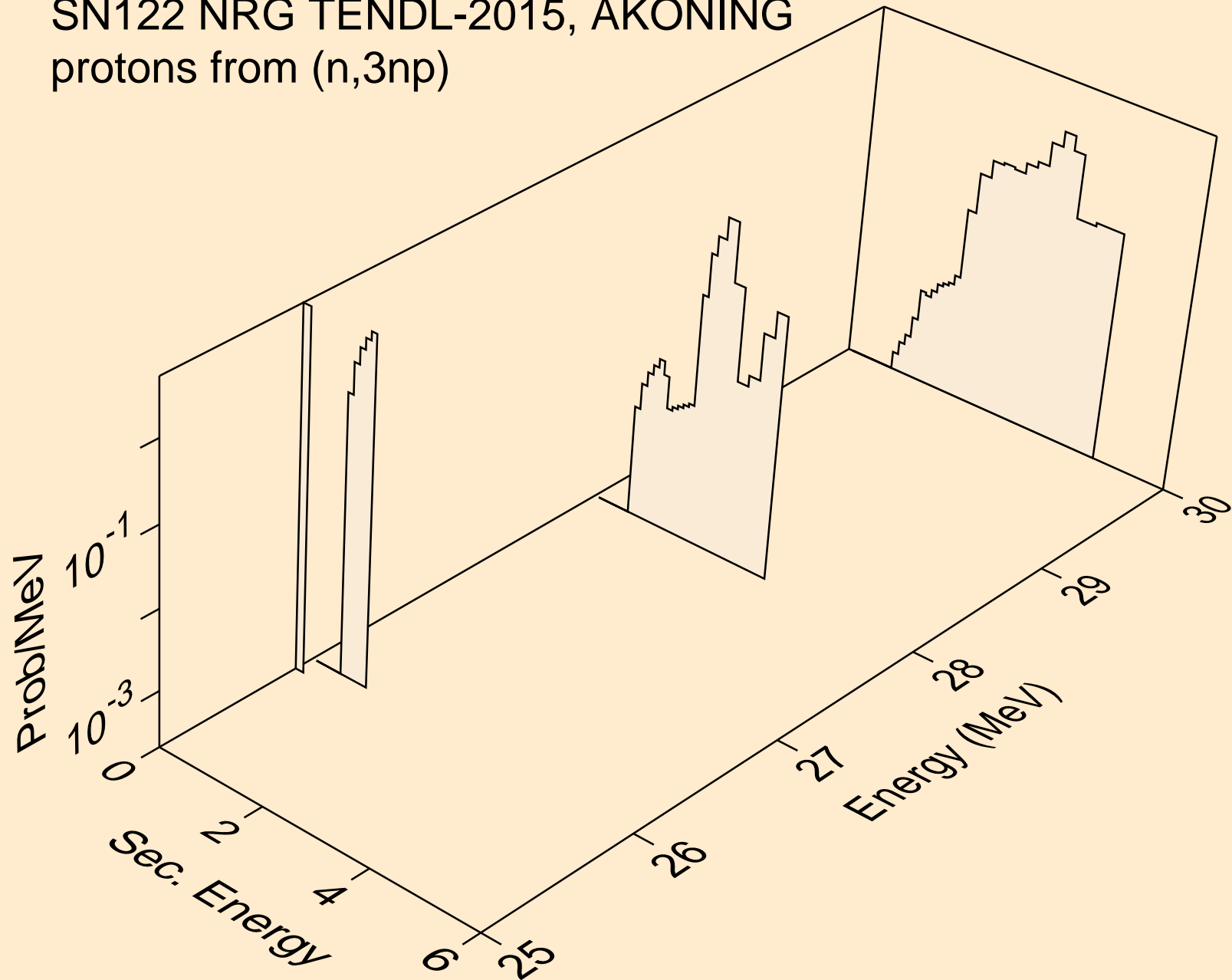
SN122 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



SN122 NRG TENDL-2015, AKONING  
protons from (n,2np)

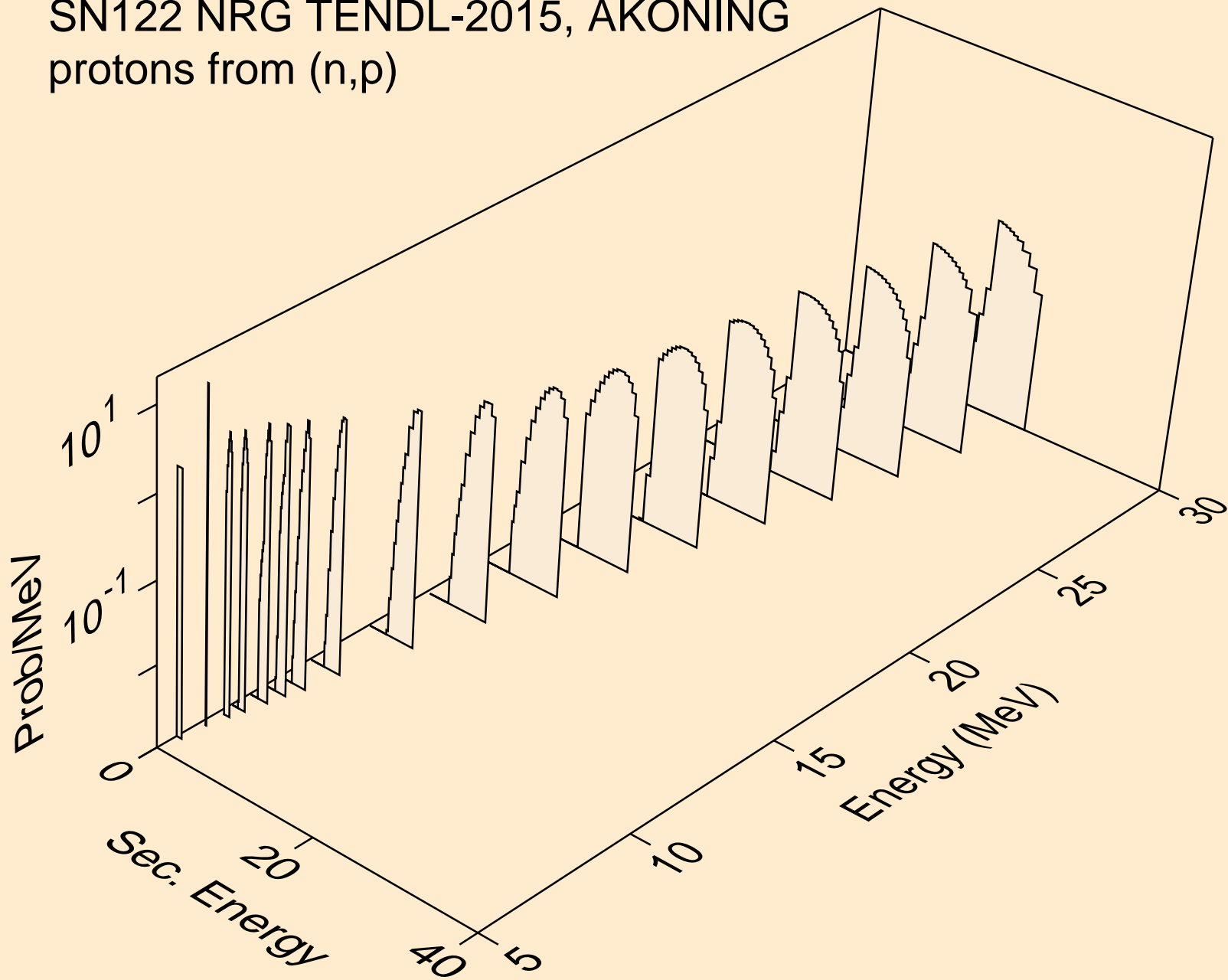


SN122 NRG TENDL-2015, AKONING  
protons from (n,3np)

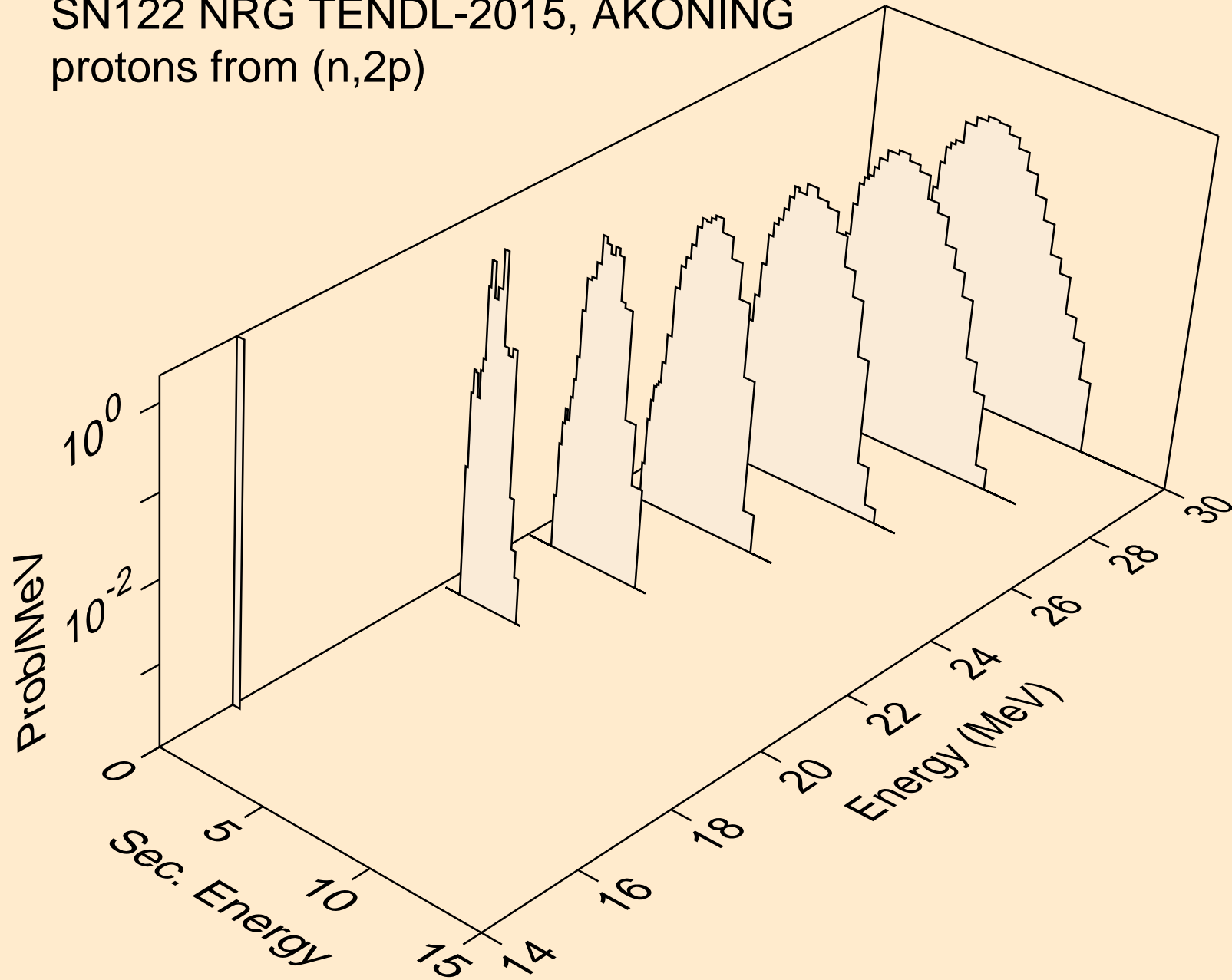




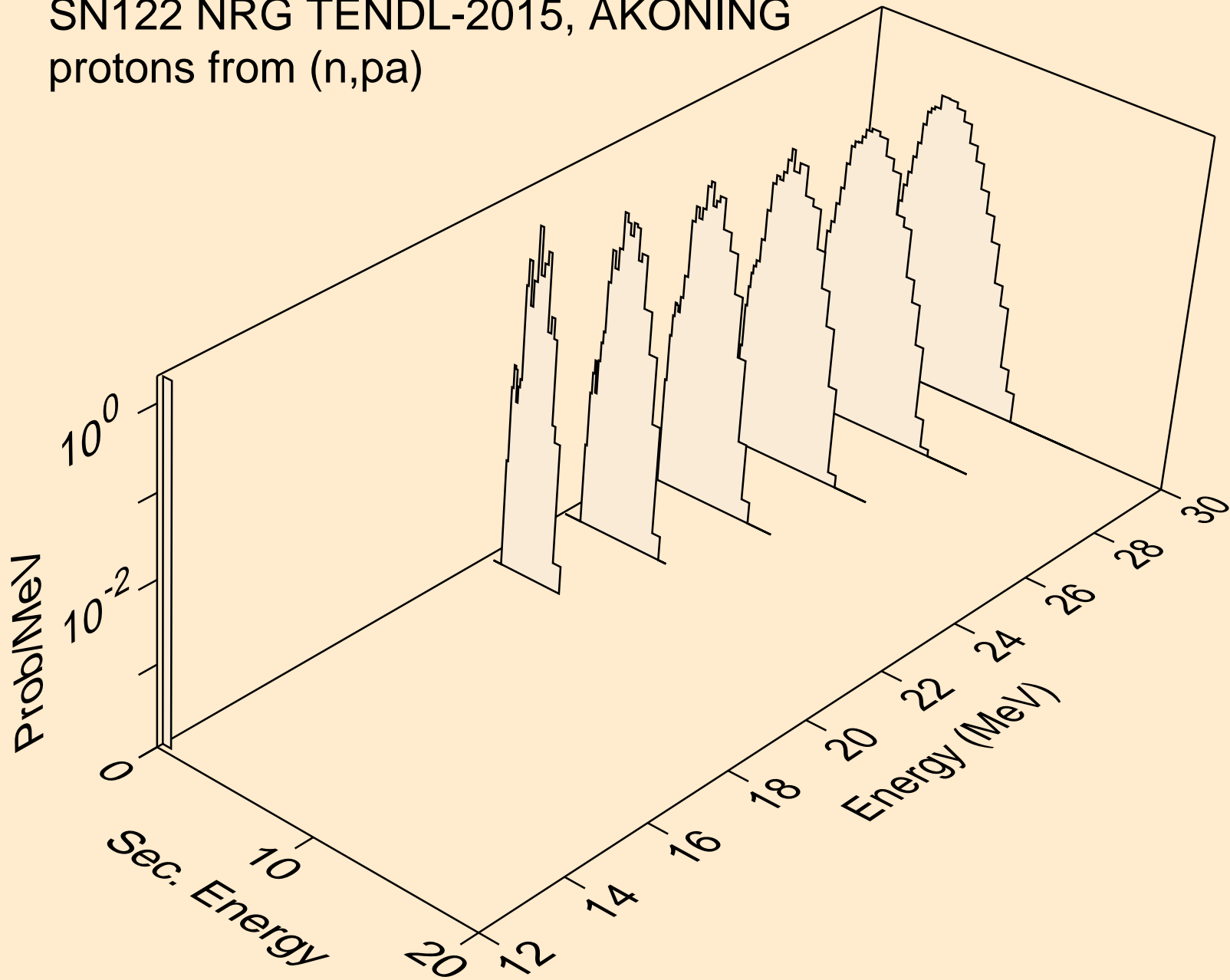
SN122 NRG TENDL-2015, AKONING  
protons from (n,p)



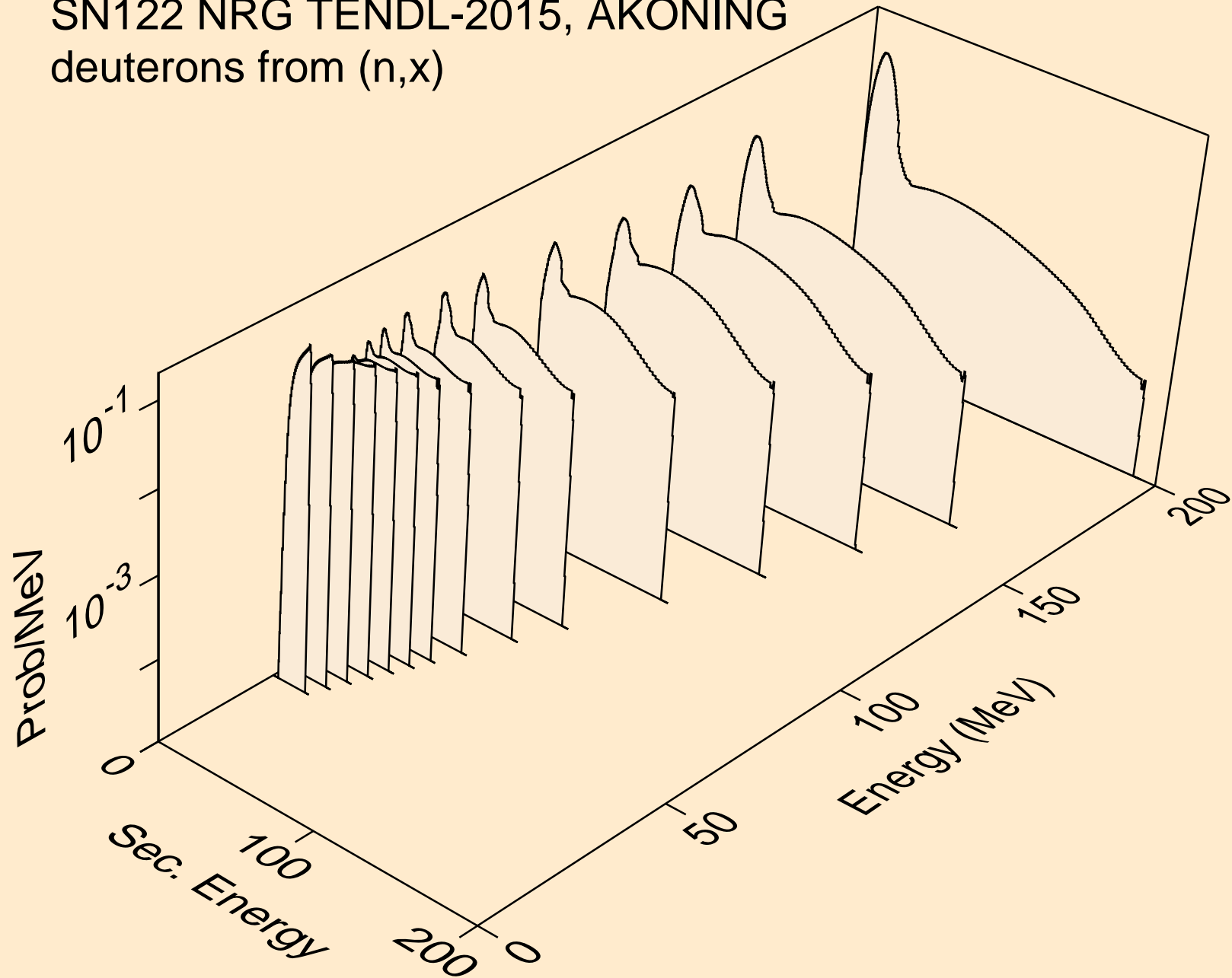
SN122 NRG TENDL-2015, AKONING  
protons from (n,2p)



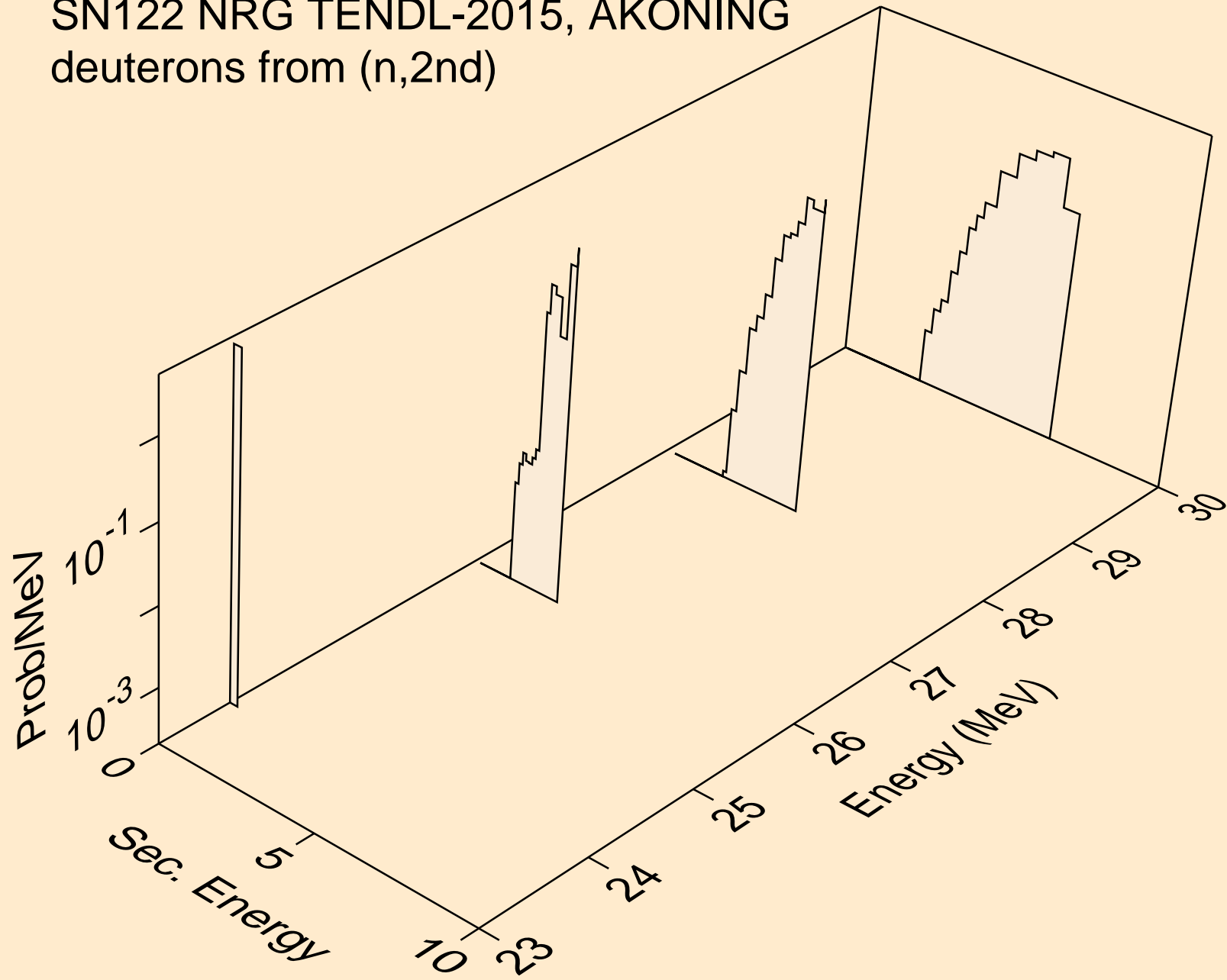
SN122 NRG TENDL-2015, AKONING  
protons from (n,pa)



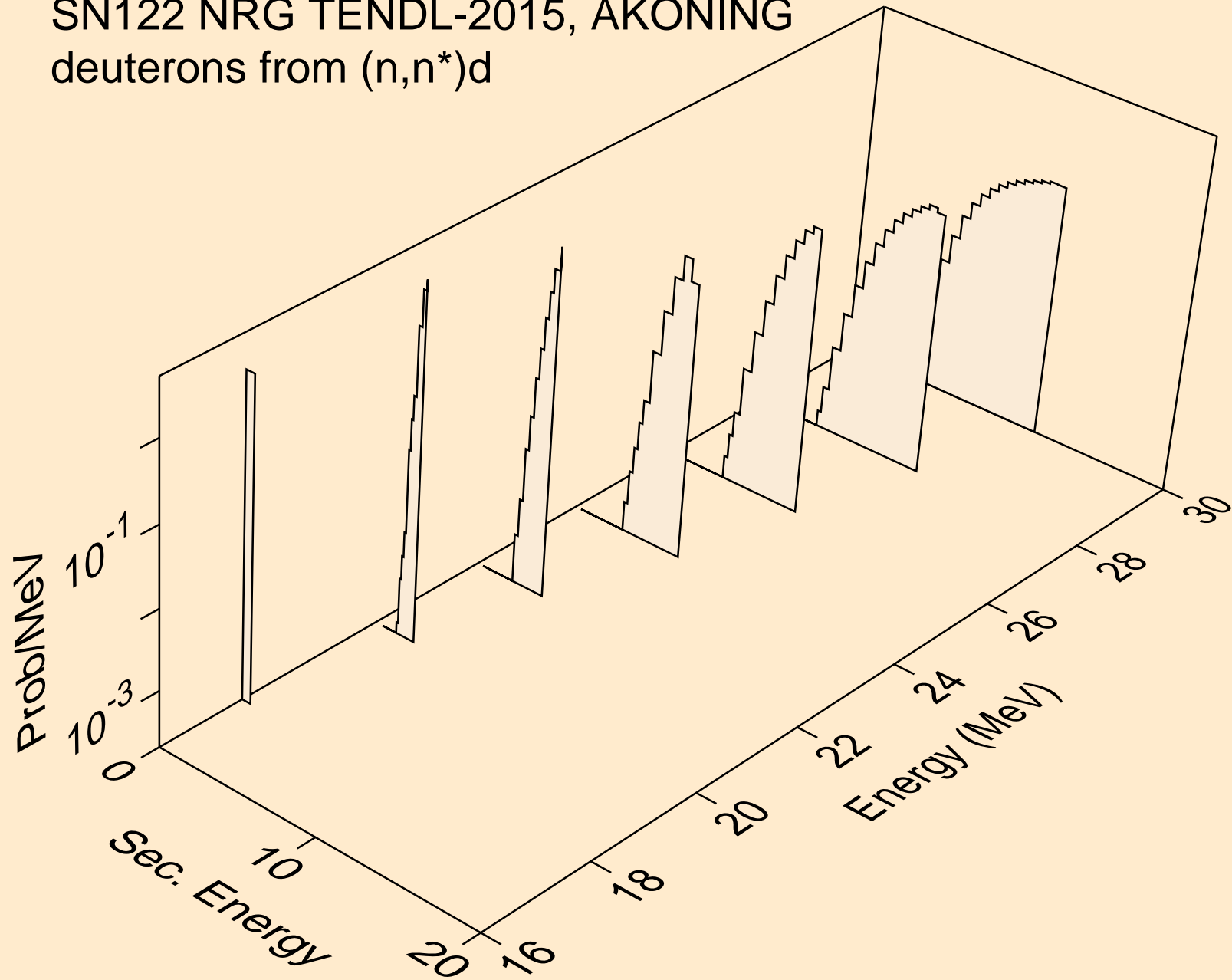
SN122 NRG TENDL-2015, AKONING  
deuterons from (n,x)



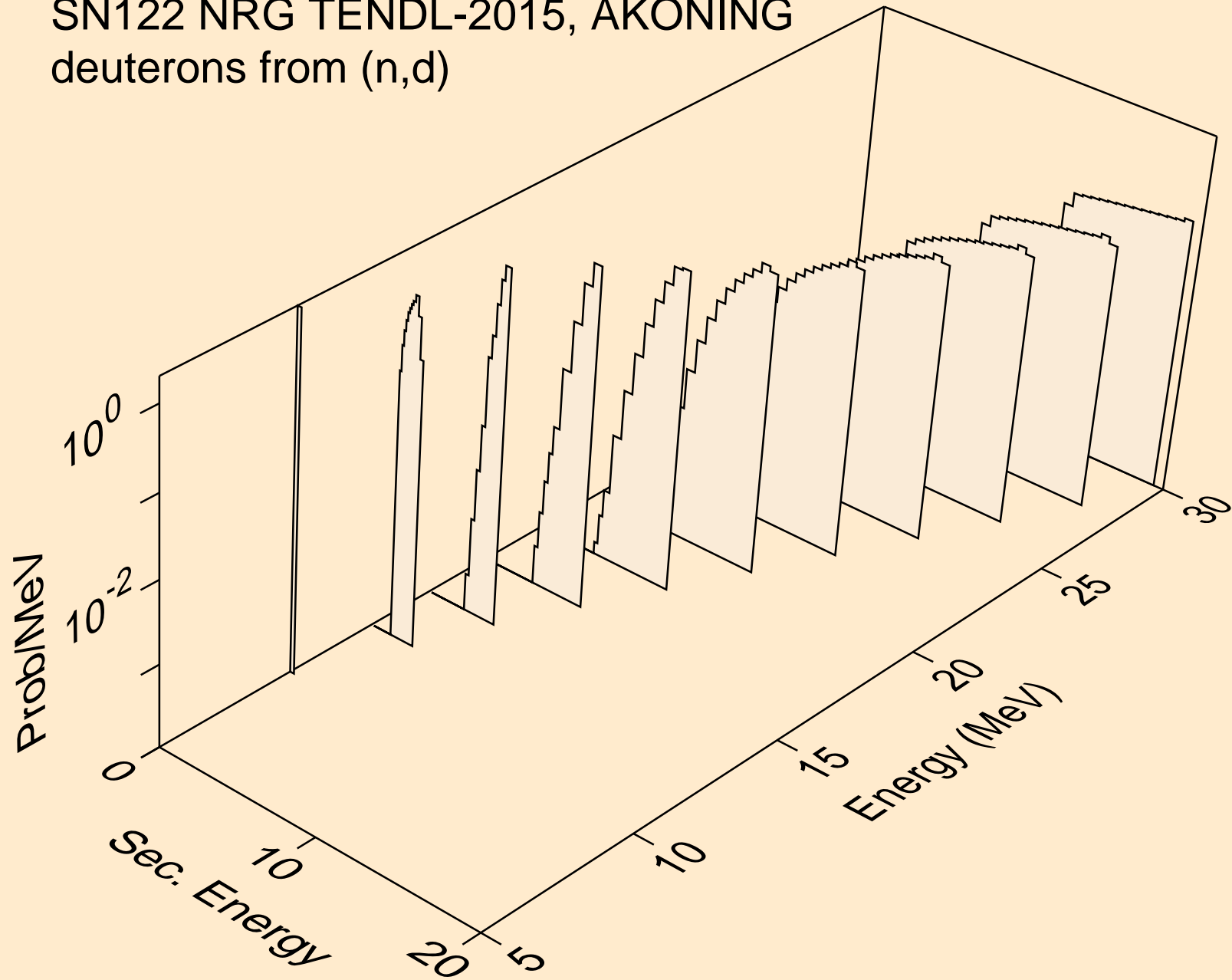
SN122 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



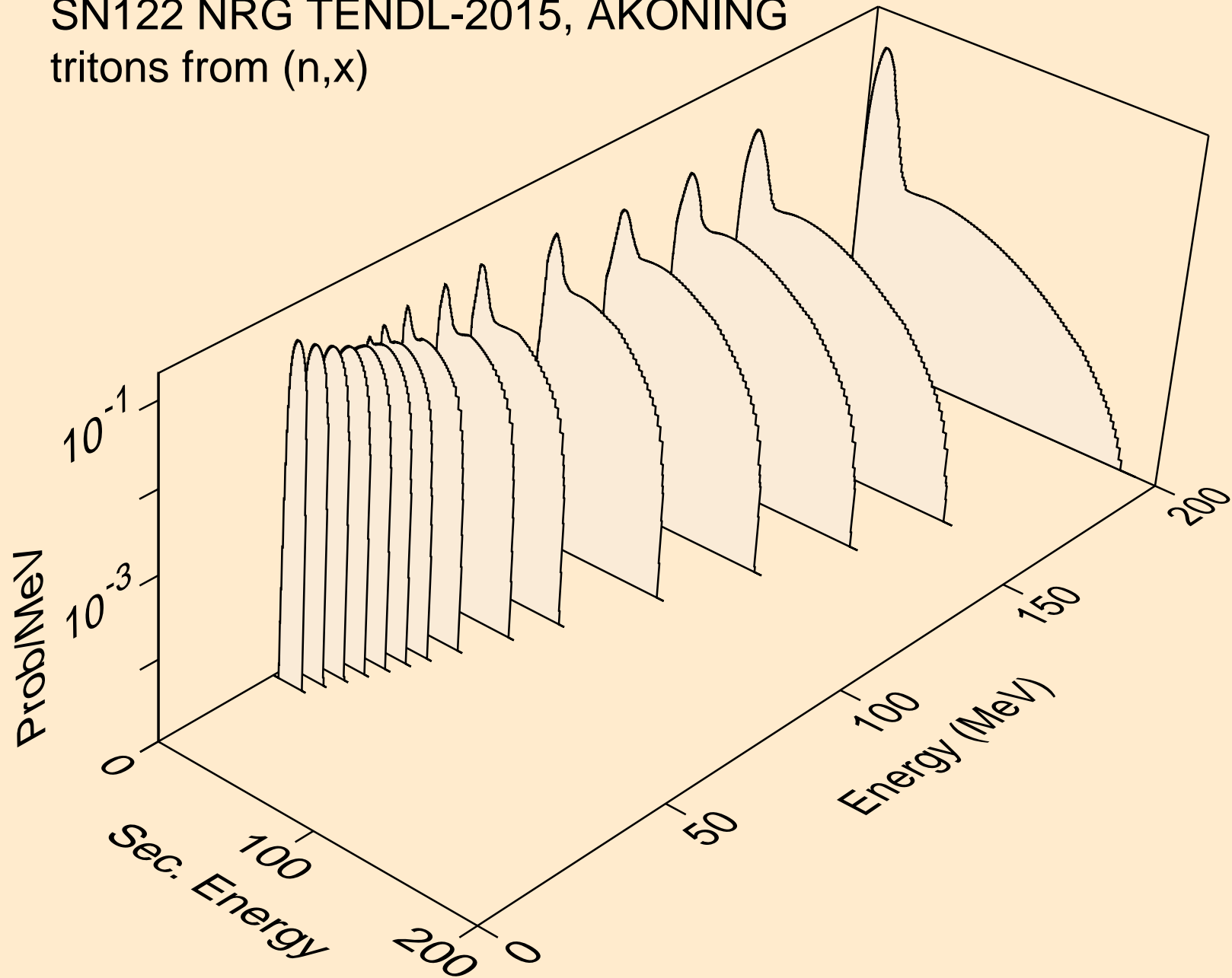
SN122 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



SN122 NRG TENDL-2015, AKONING  
deuterons from (n,d)

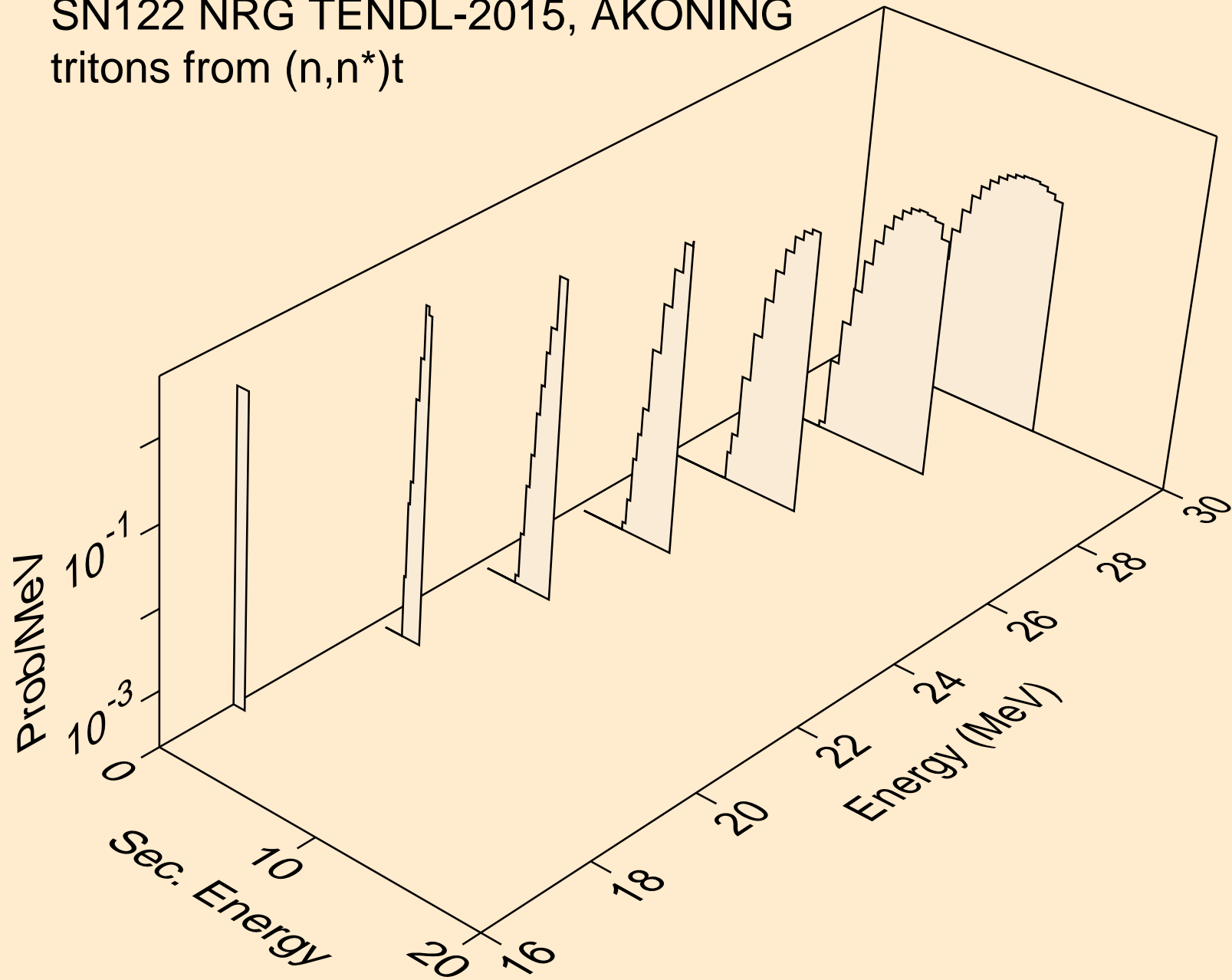


SN122 NRG TENDL-2015, AKONING  
tritons from (n,x)

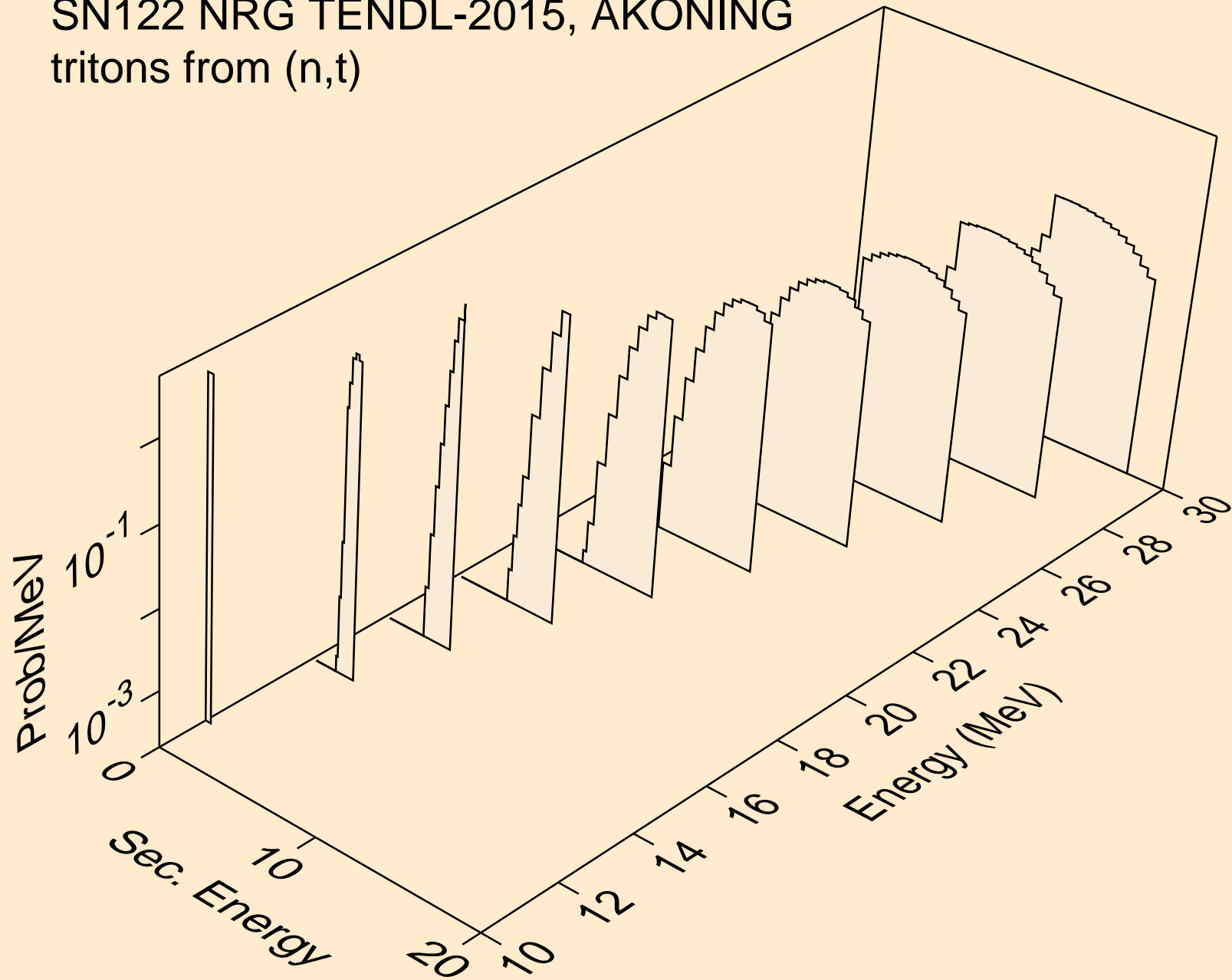




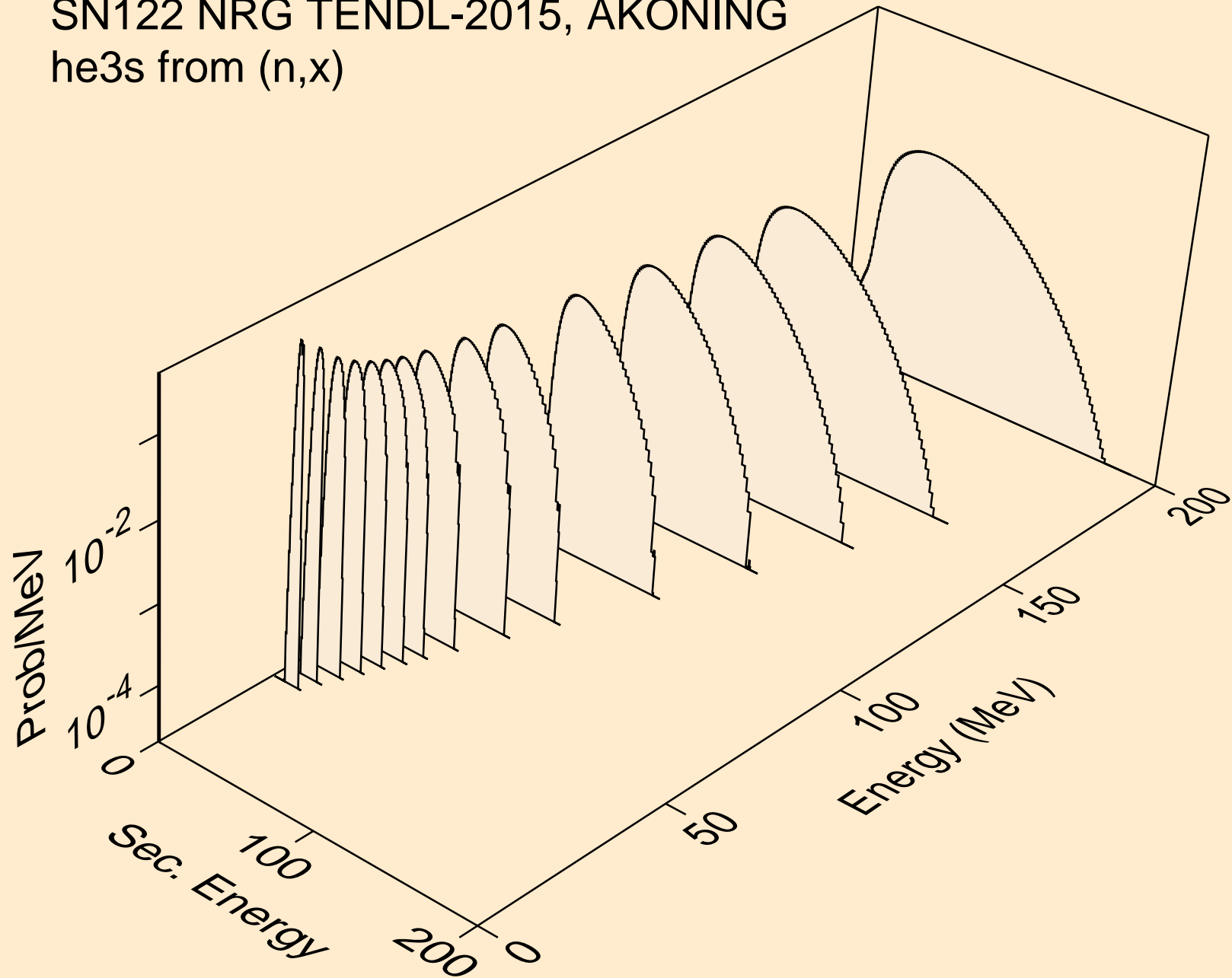
SN122 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



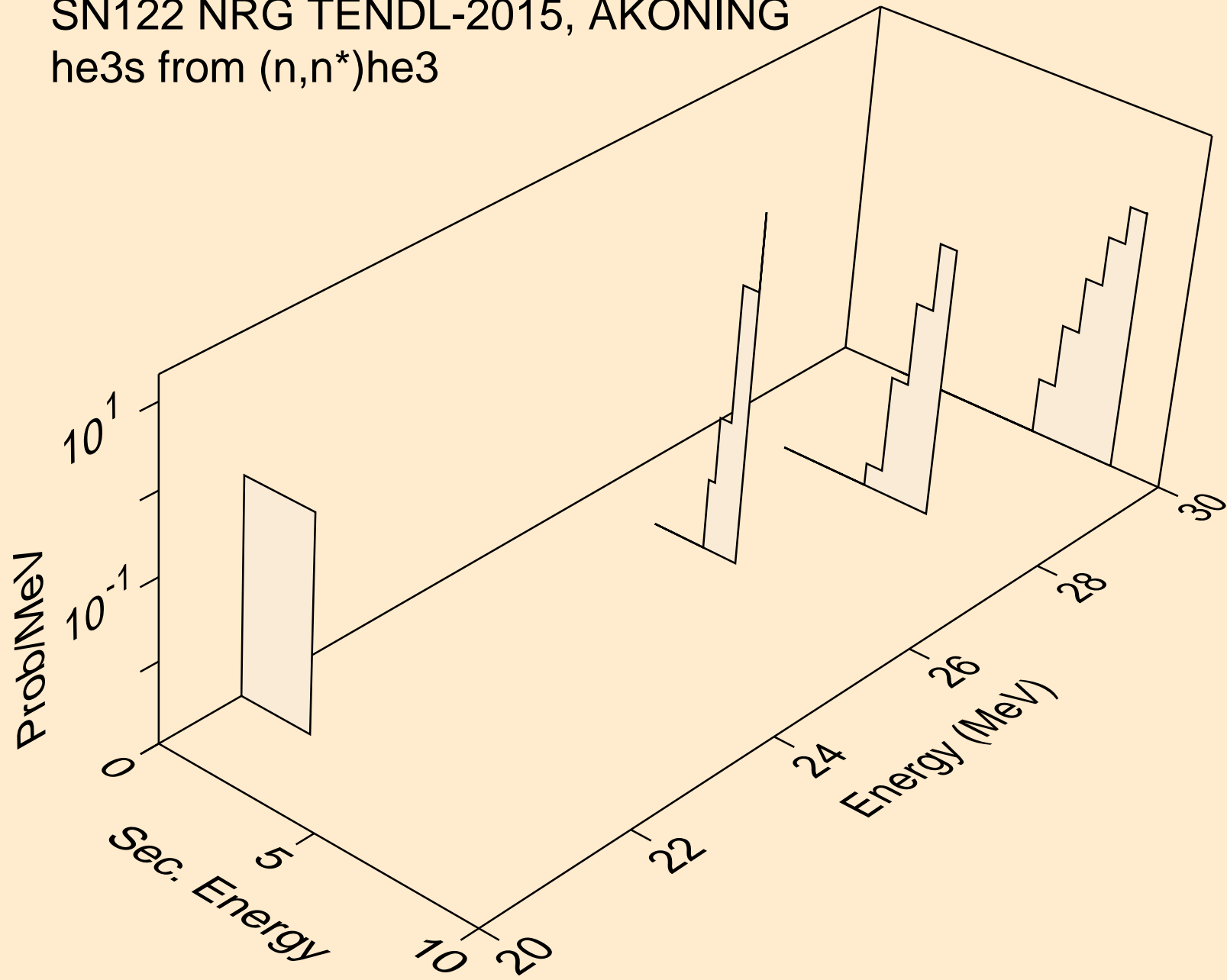
SN122 NRG TENDL-2015, AKONING  
tritons from (n,t)



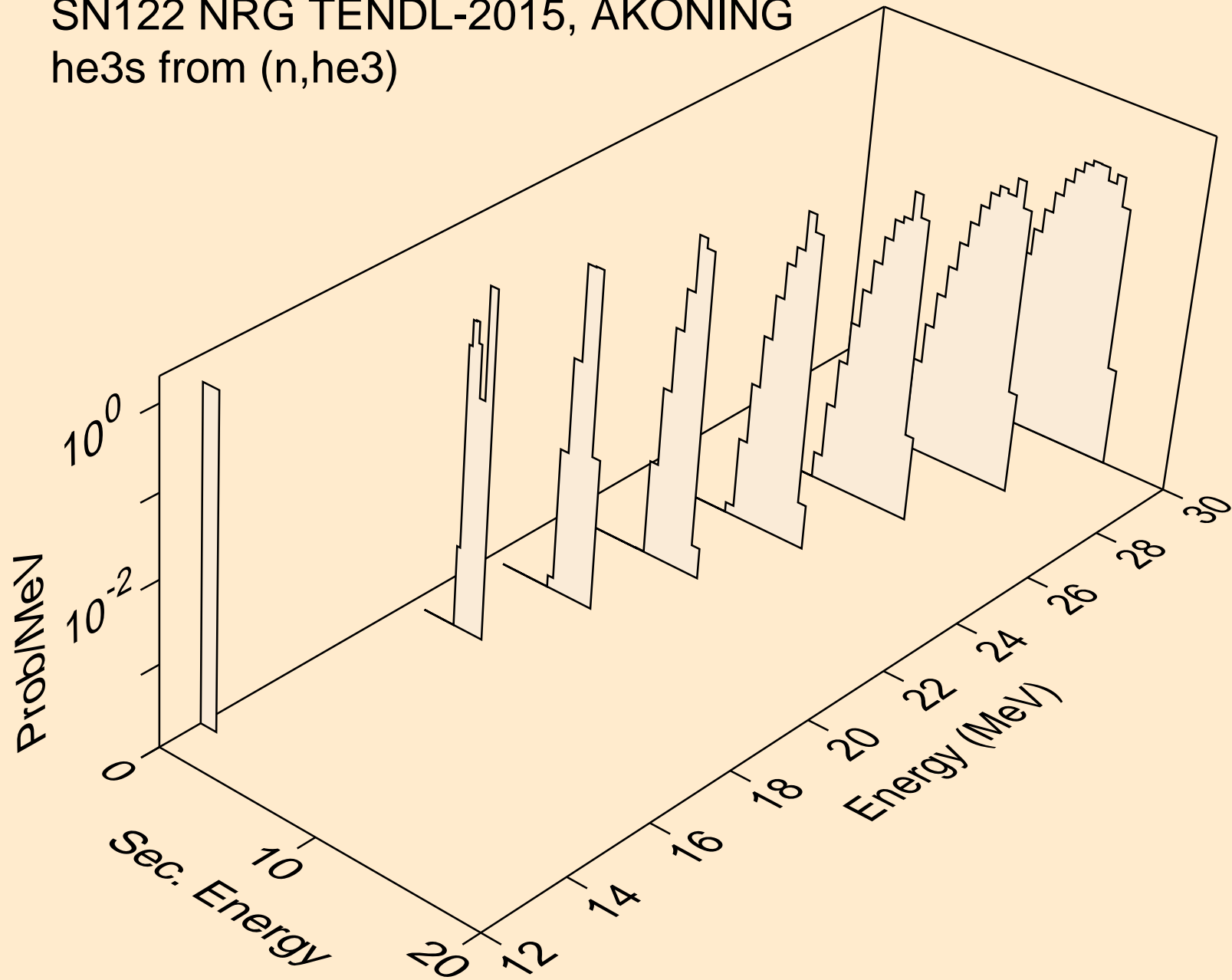
SN122 NRG TENDL-2015, AKONING  
he3s from (n,x)



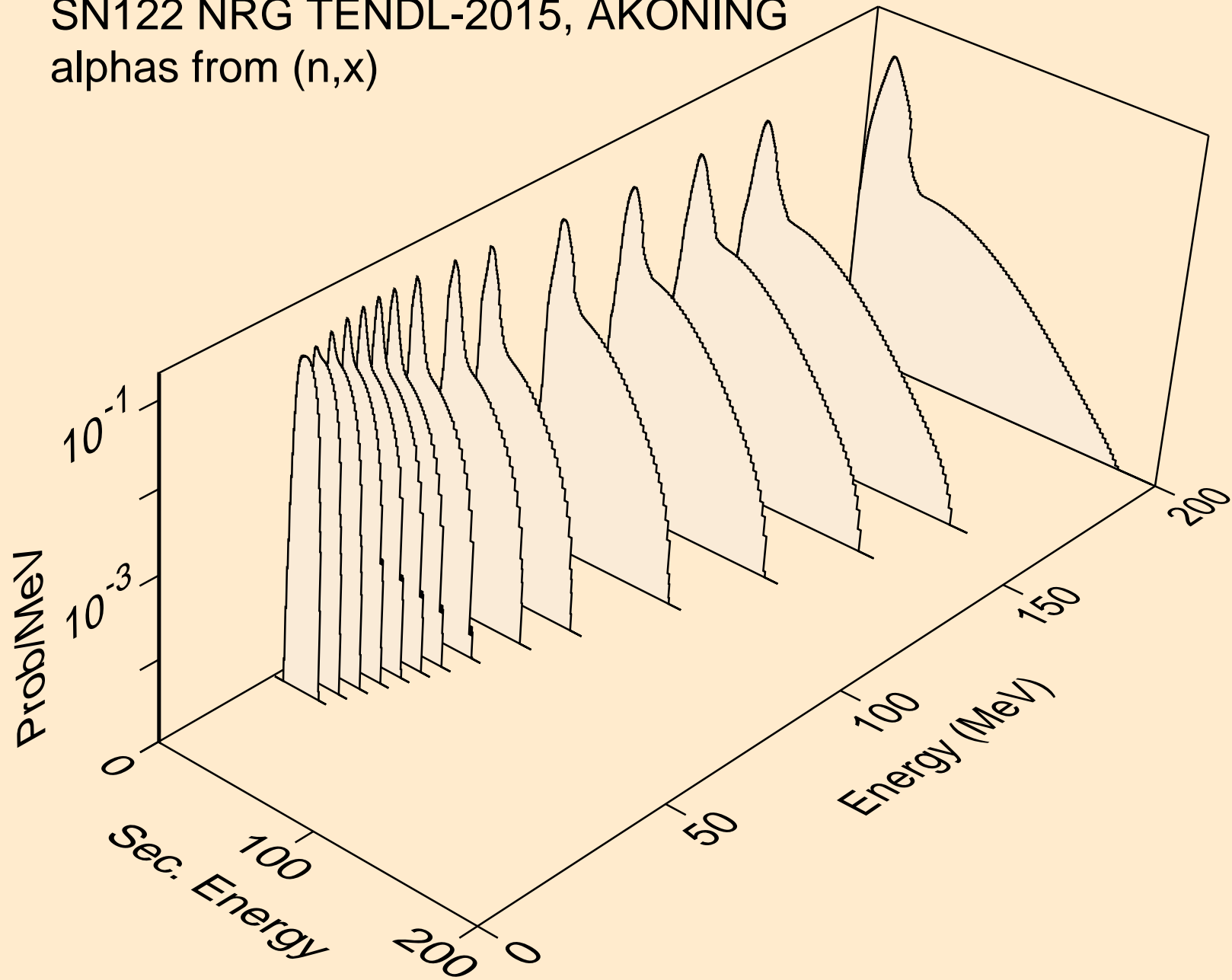
SN122 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



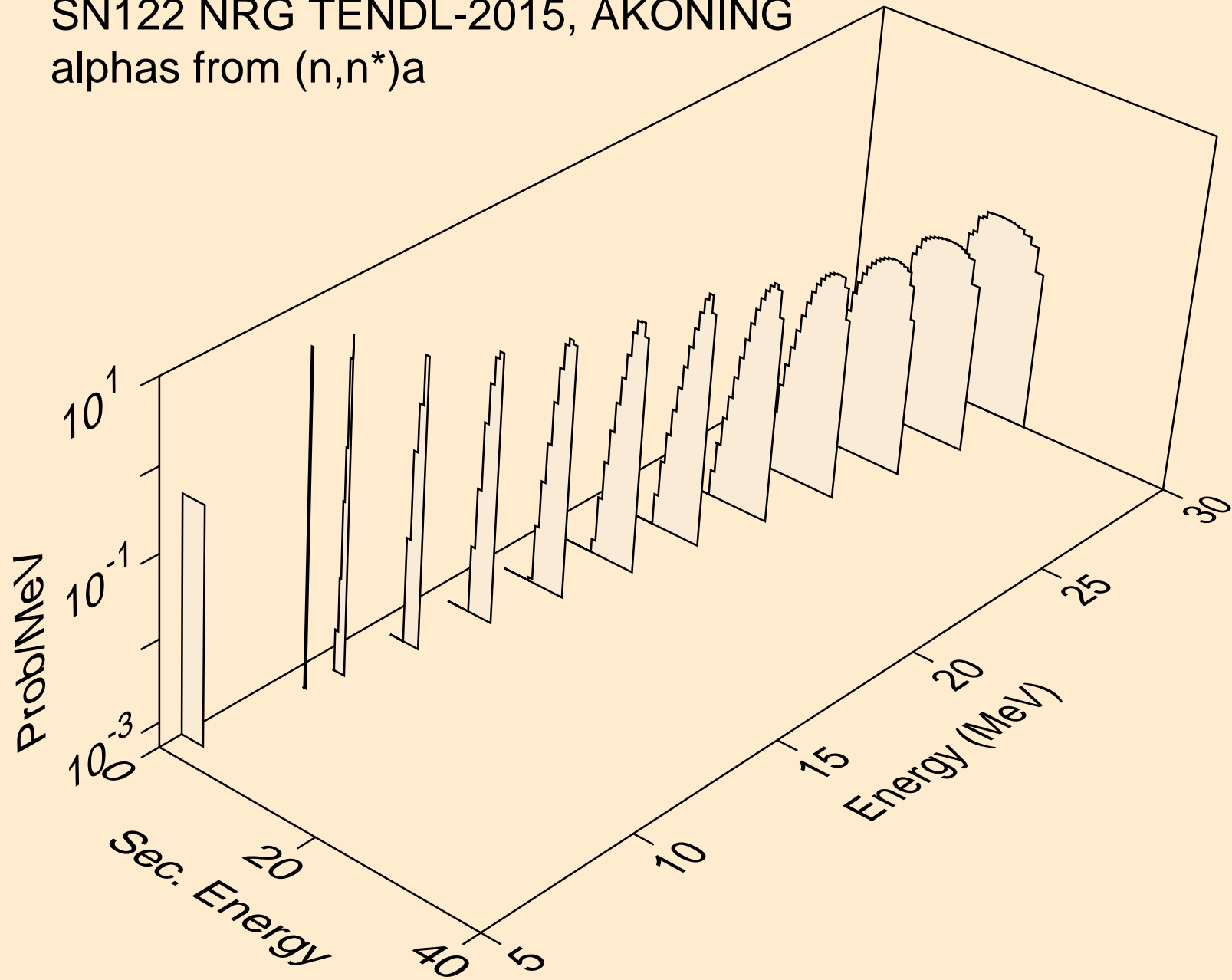
SN122 NRG TENDL-2015, AKONING  
he3s from (n,he3)



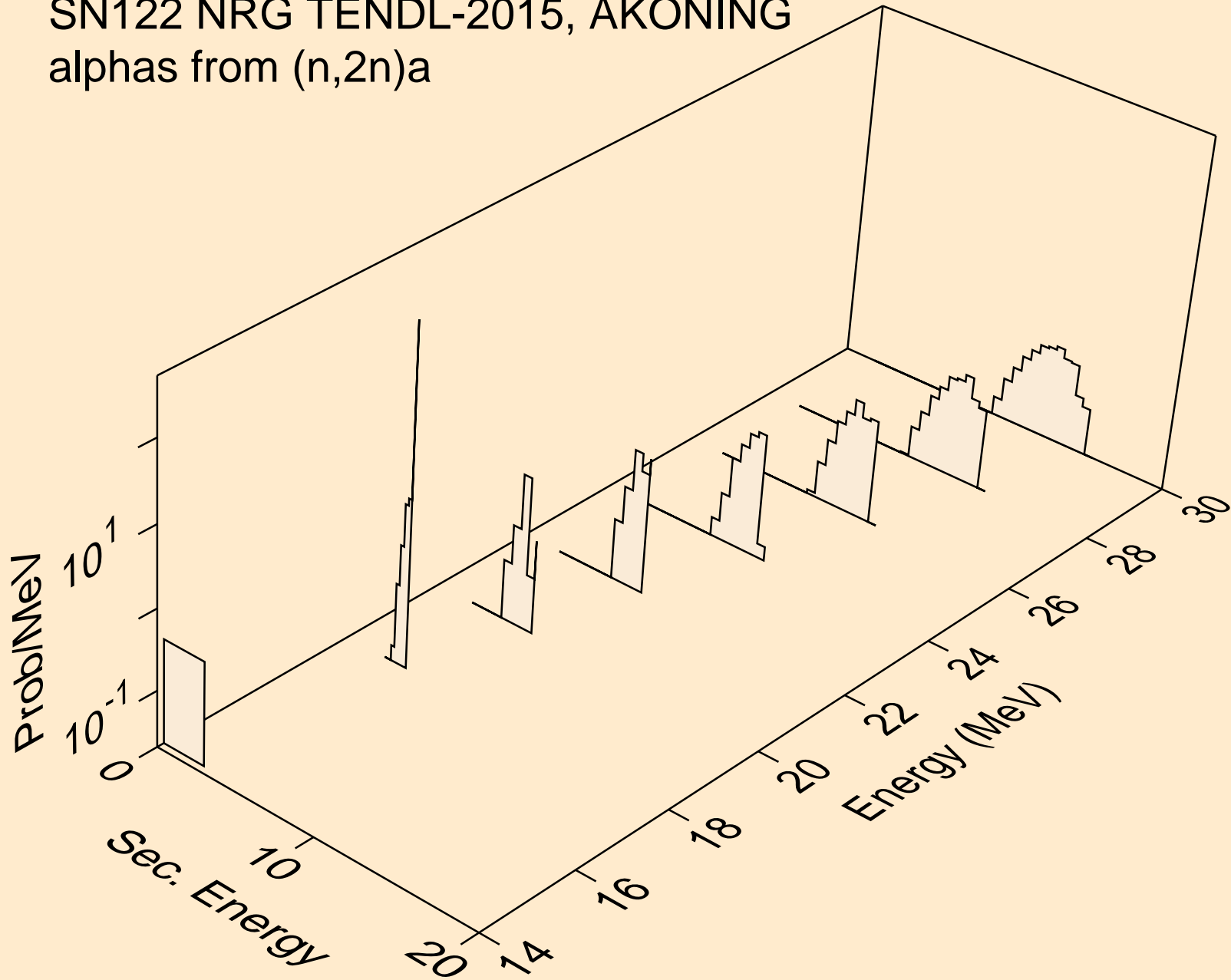
SN122 NRG TENDL-2015, AKONING  
alphas from (n,x)



SN122 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a

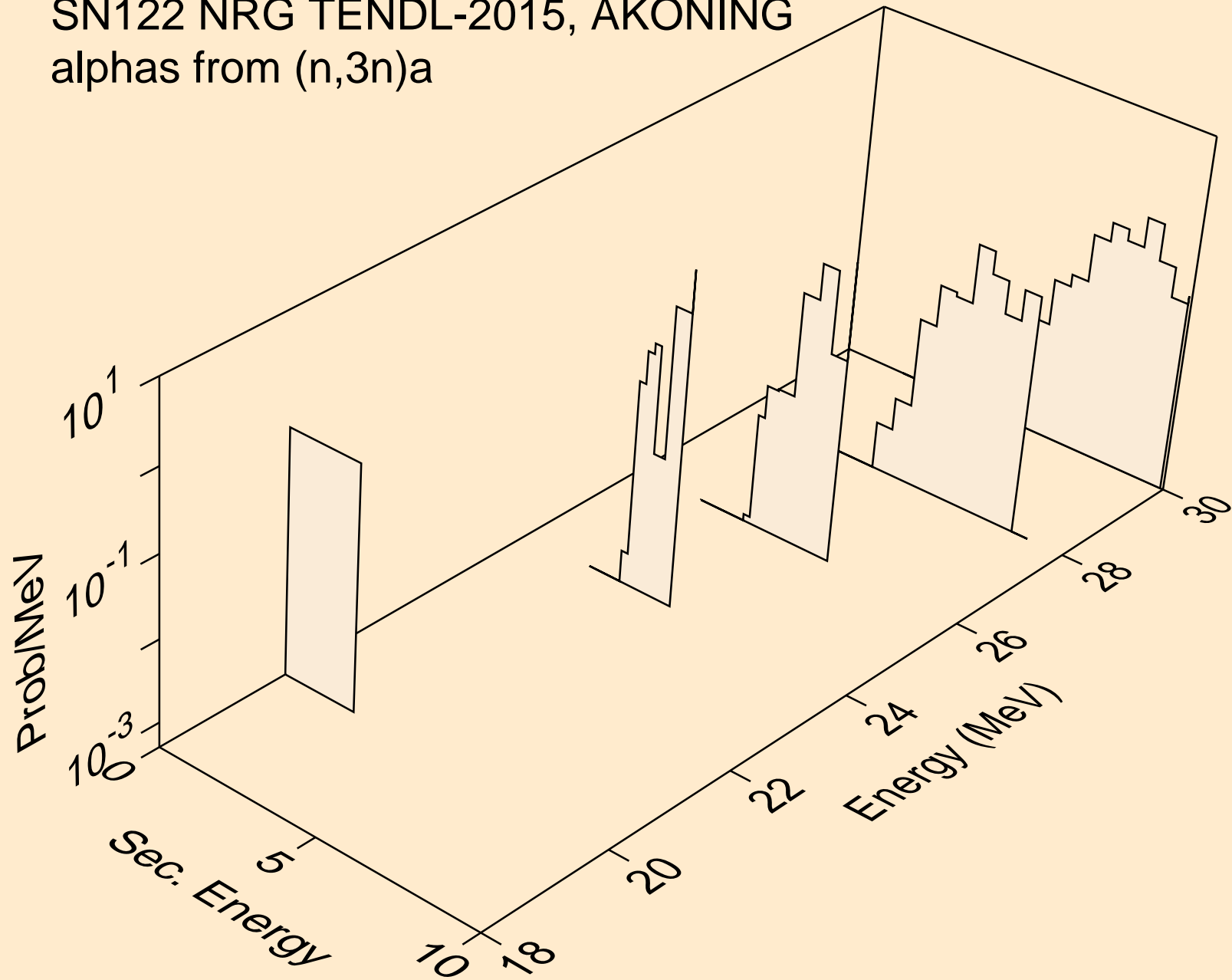


SN122 NRG TENDL-2015, AKONING  
alphas from (n,2n)a

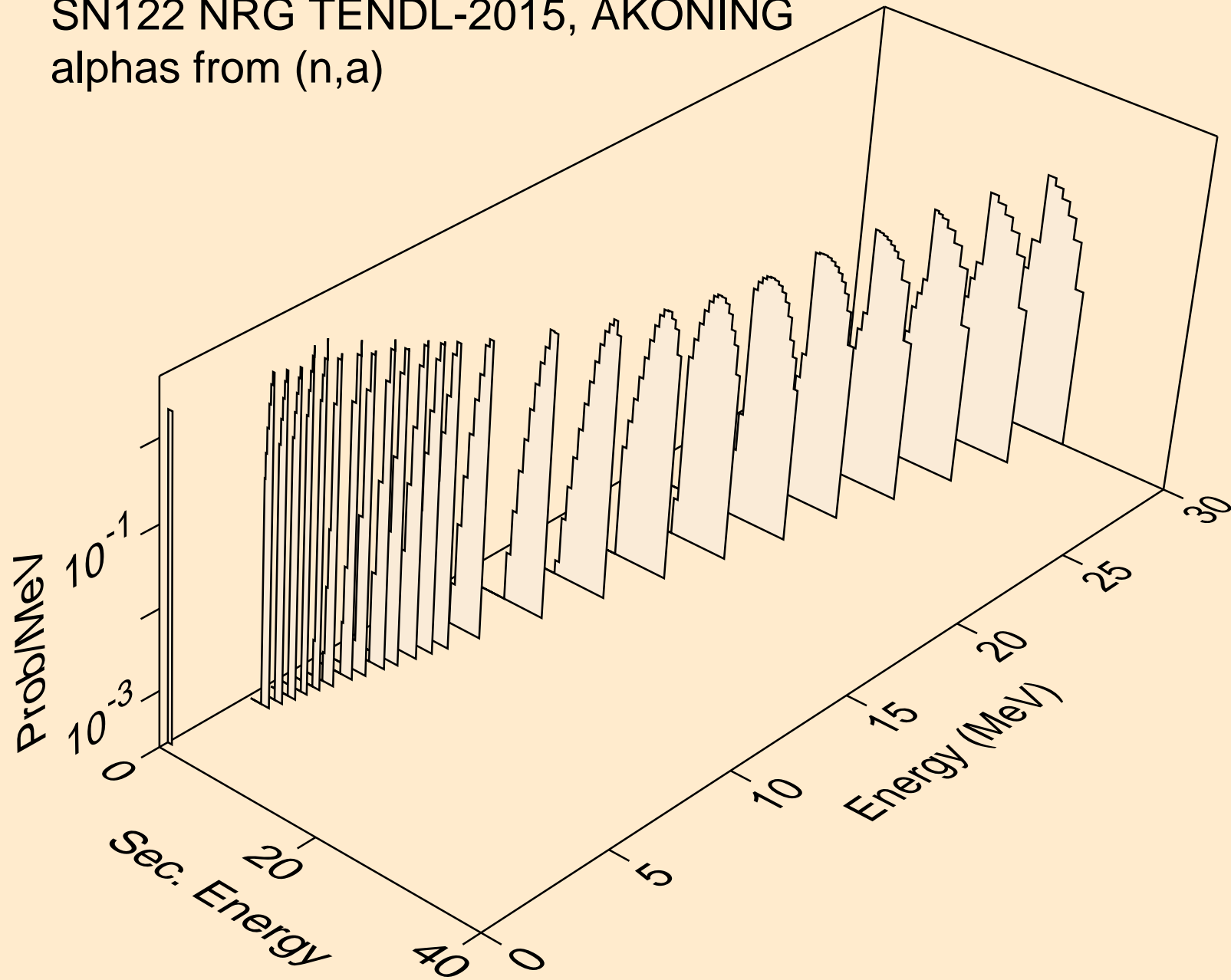




SN122 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



SN122 NRG TENDL-2015, AKONING  
alphas from (n,a)



SN122 NRG TENDL-2015, AKONING  
alphas from (n,pa)

