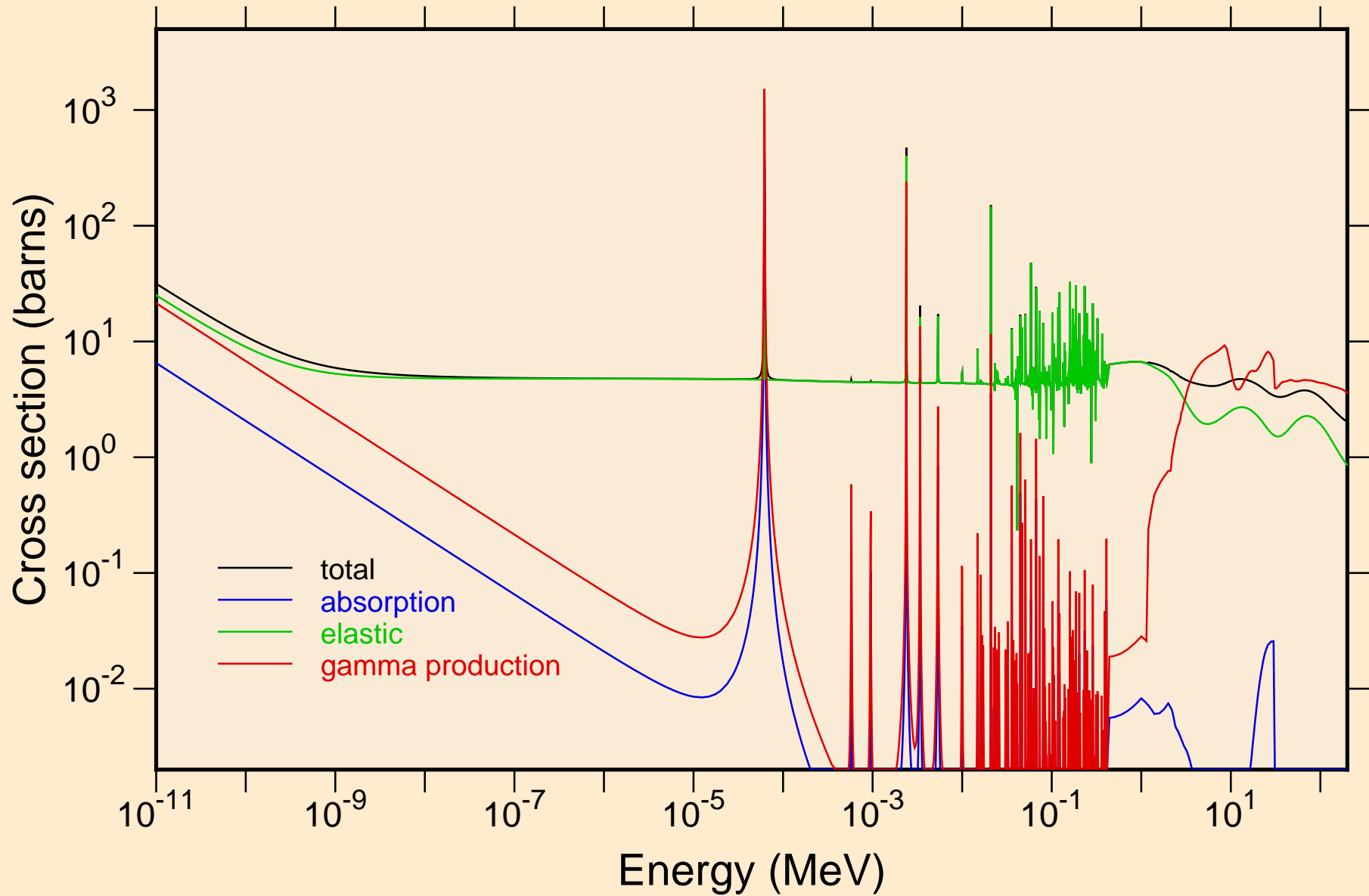
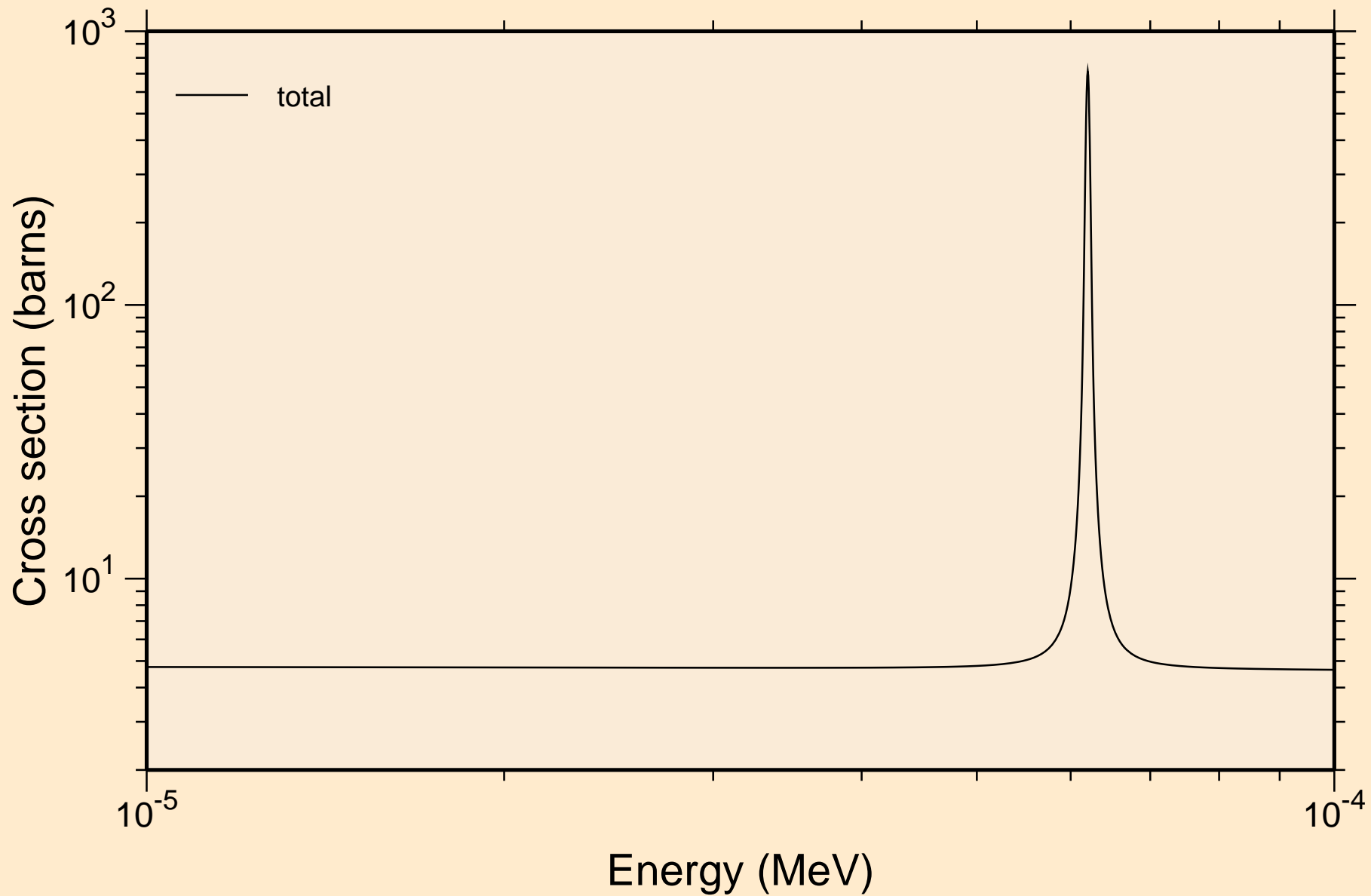


# SN124 NRG TENDL-2015, AKONING

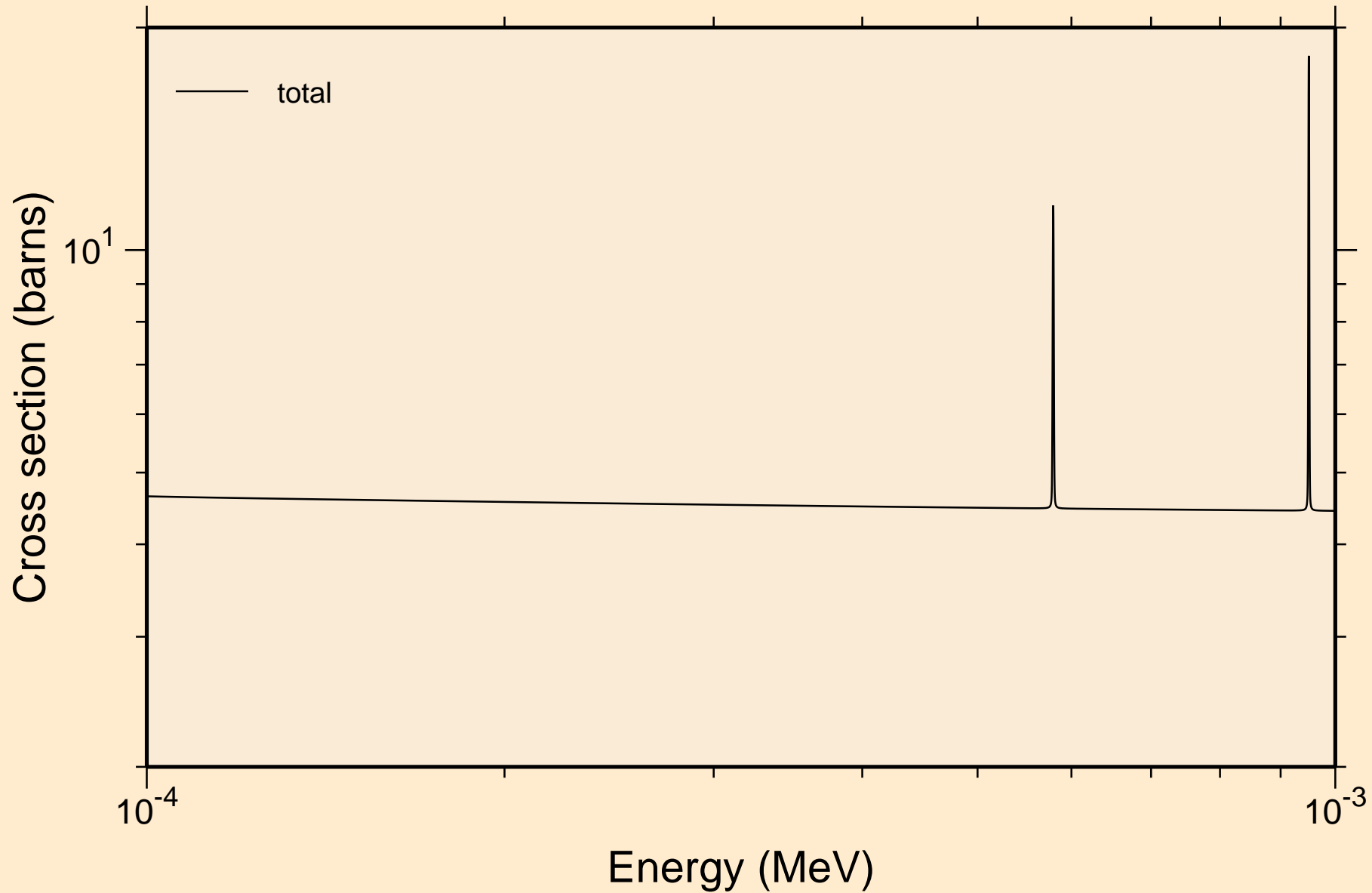
## Principal cross sections



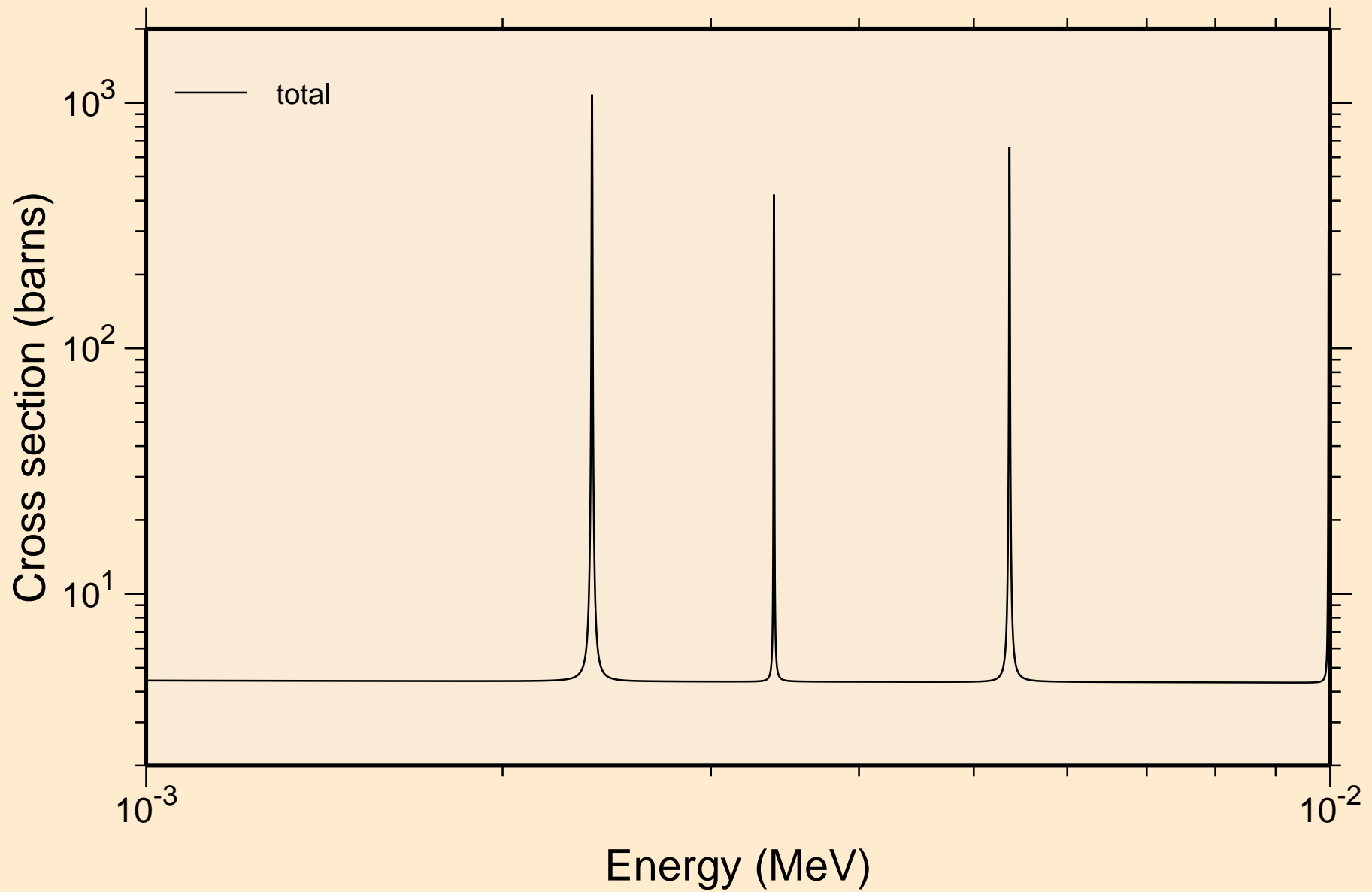
SN124 NRG TENDL-2015, AKONING  
resonance total cross section



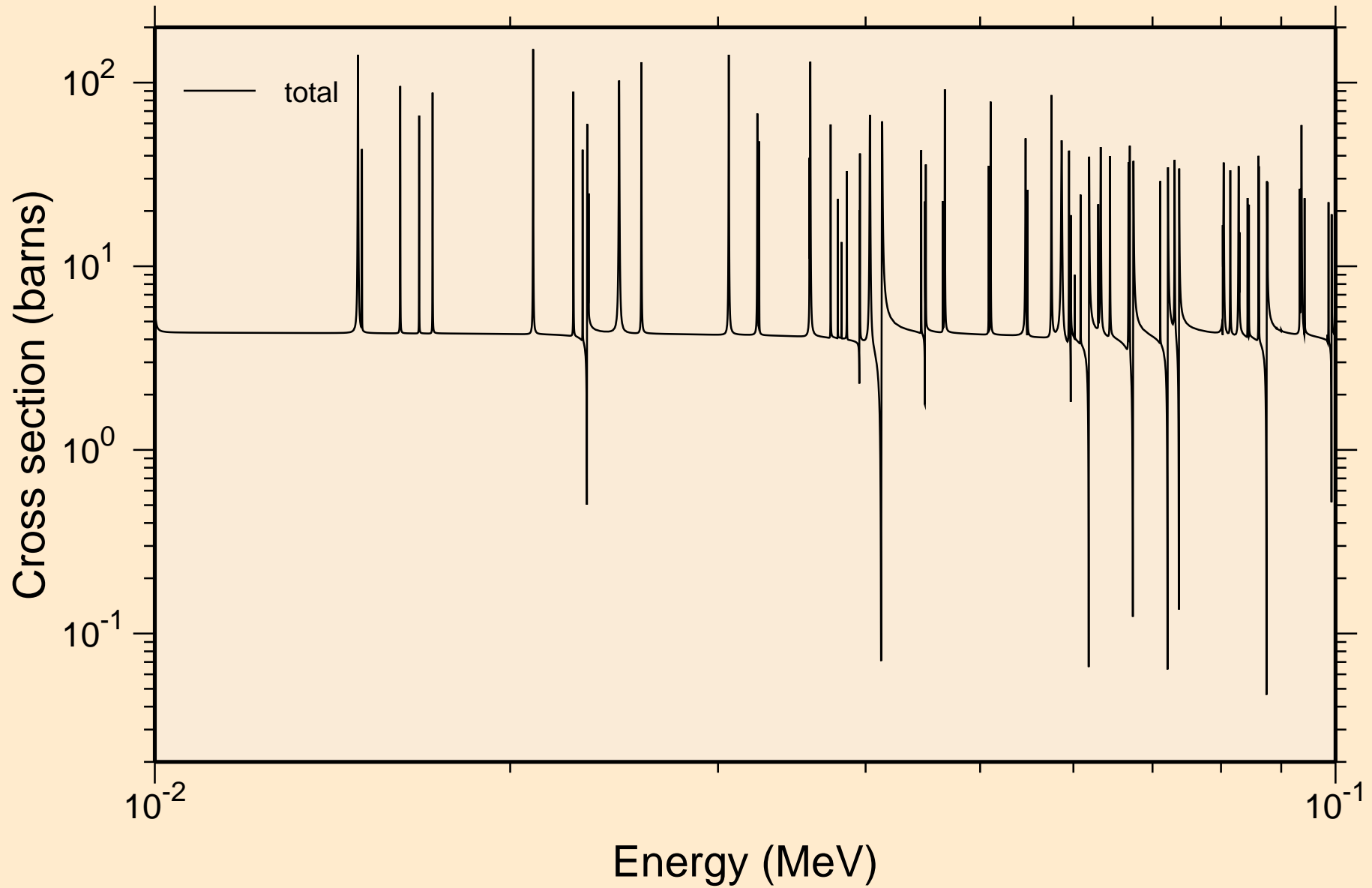
SN124 NRG TENDL-2015, AKONING  
resonance total cross section



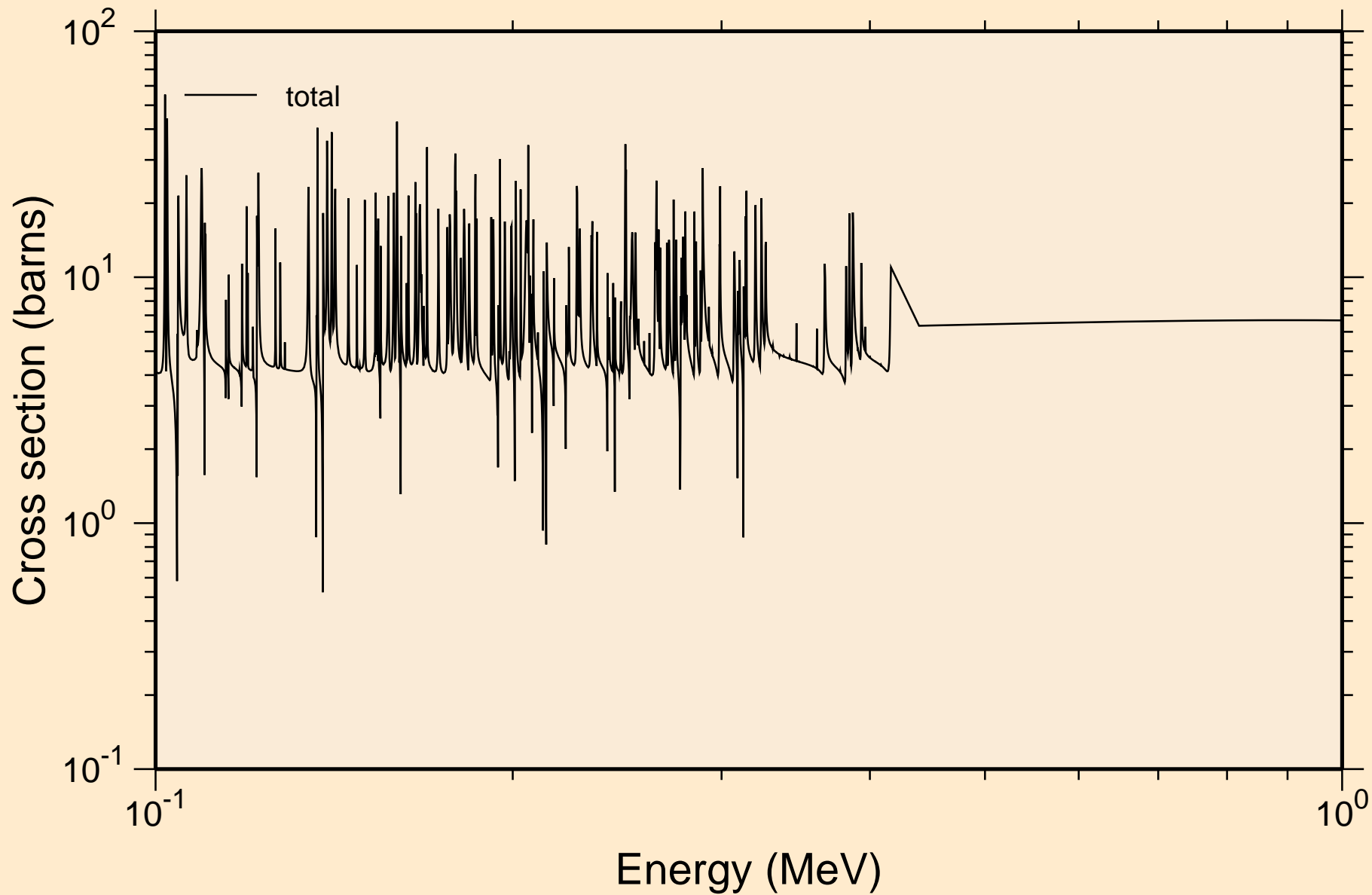
SN124 NRG TENDL-2015, AKONING  
resonance total cross section



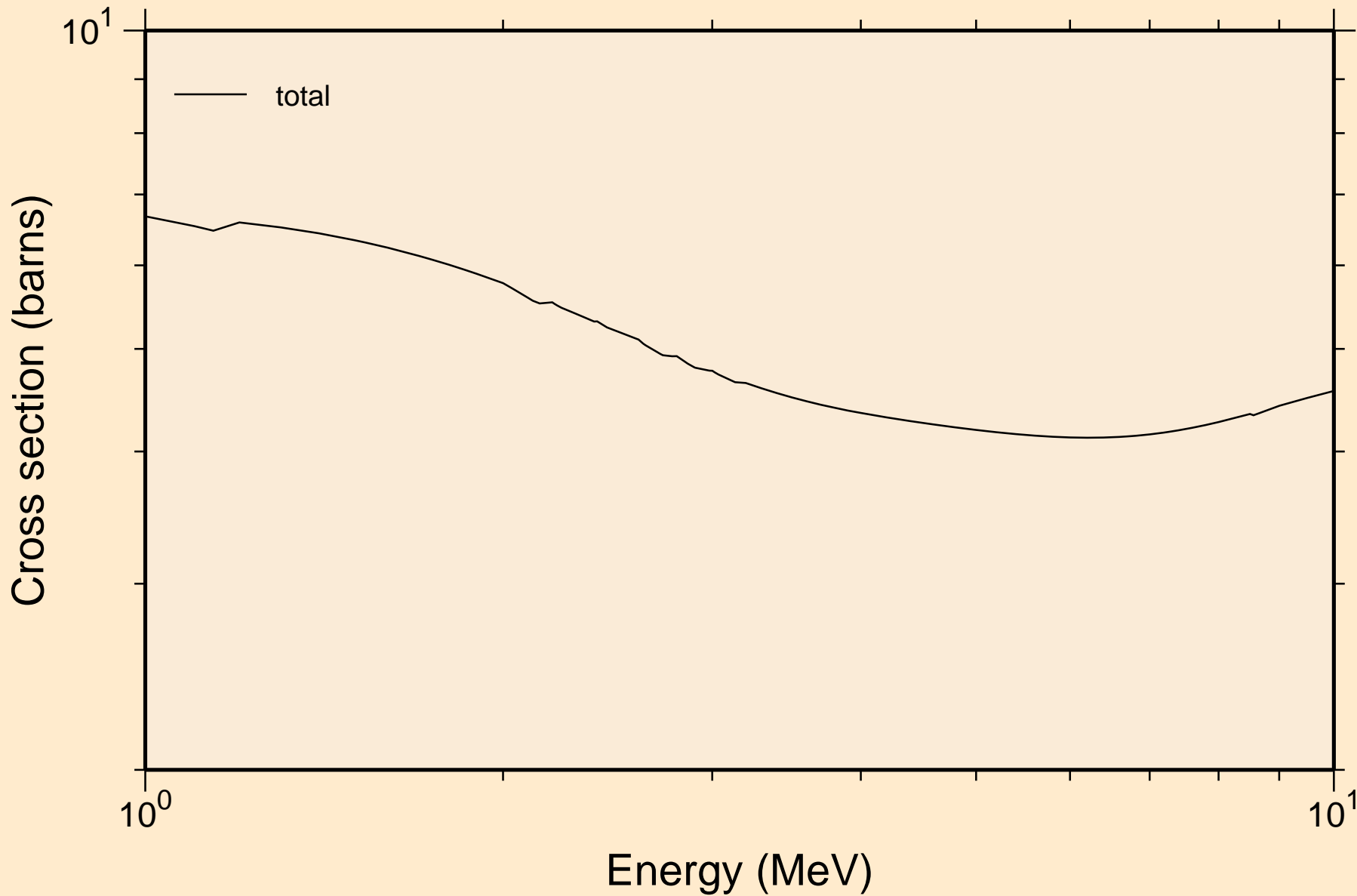
SN124 NRG TENDL-2015, AKONING  
resonance total cross section



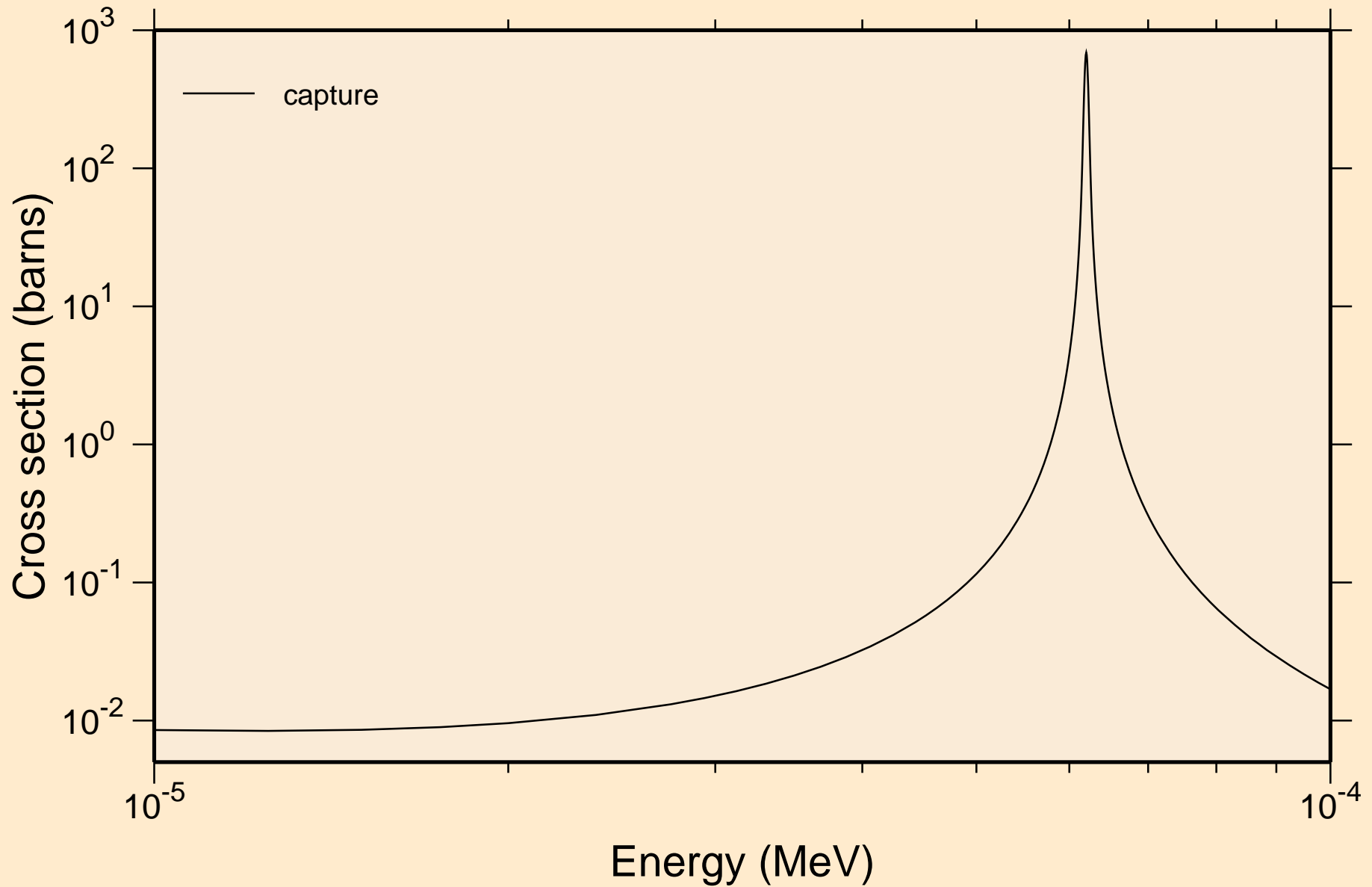
SN124 NRG TENDL-2015, AKONING  
resonance total cross section



SN124 NRG TENDL-2015, AKONING  
resonance total cross section

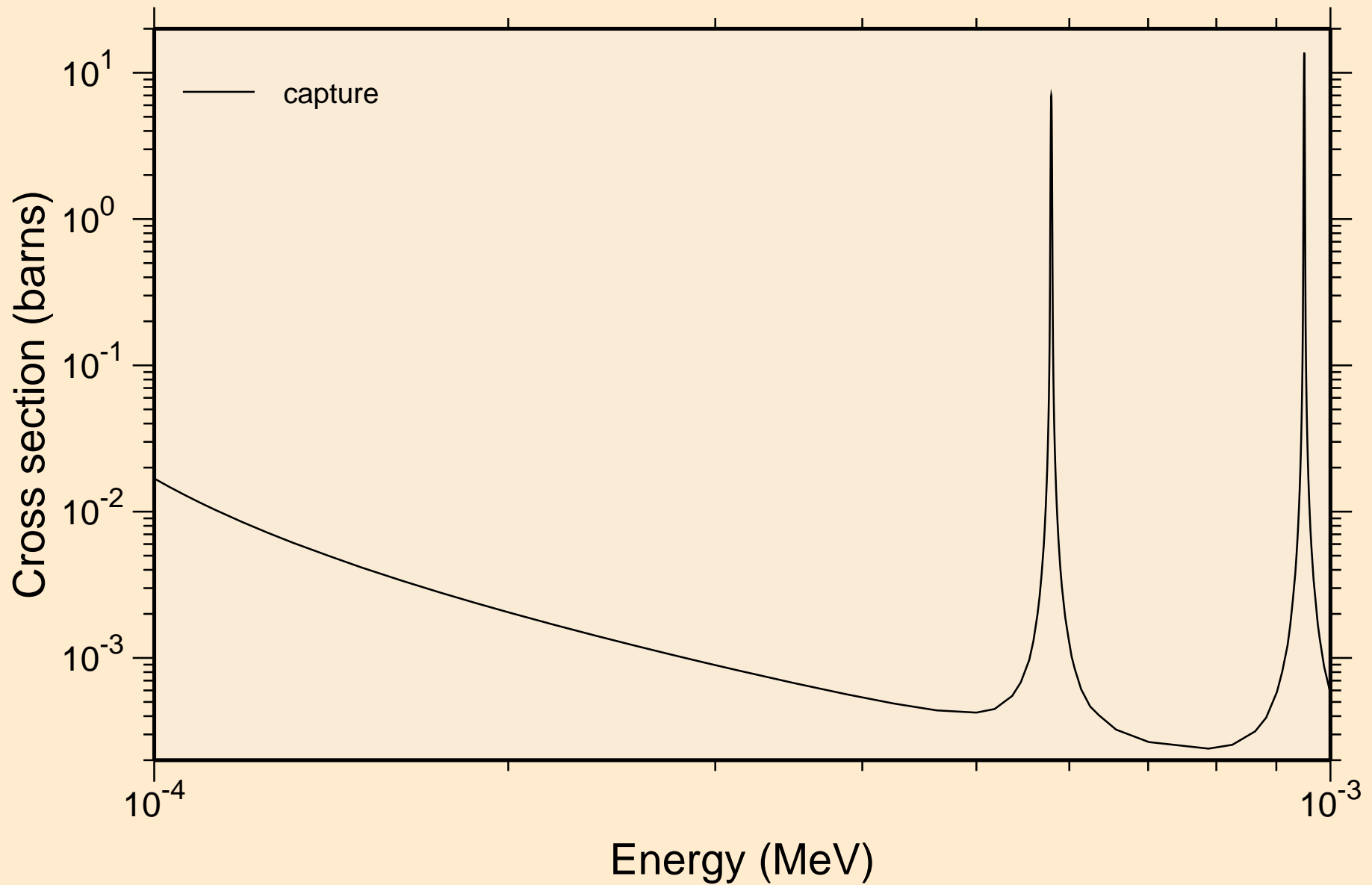


# SN124 NRG TENDL-2015, AKONING resonance absorption cross sections

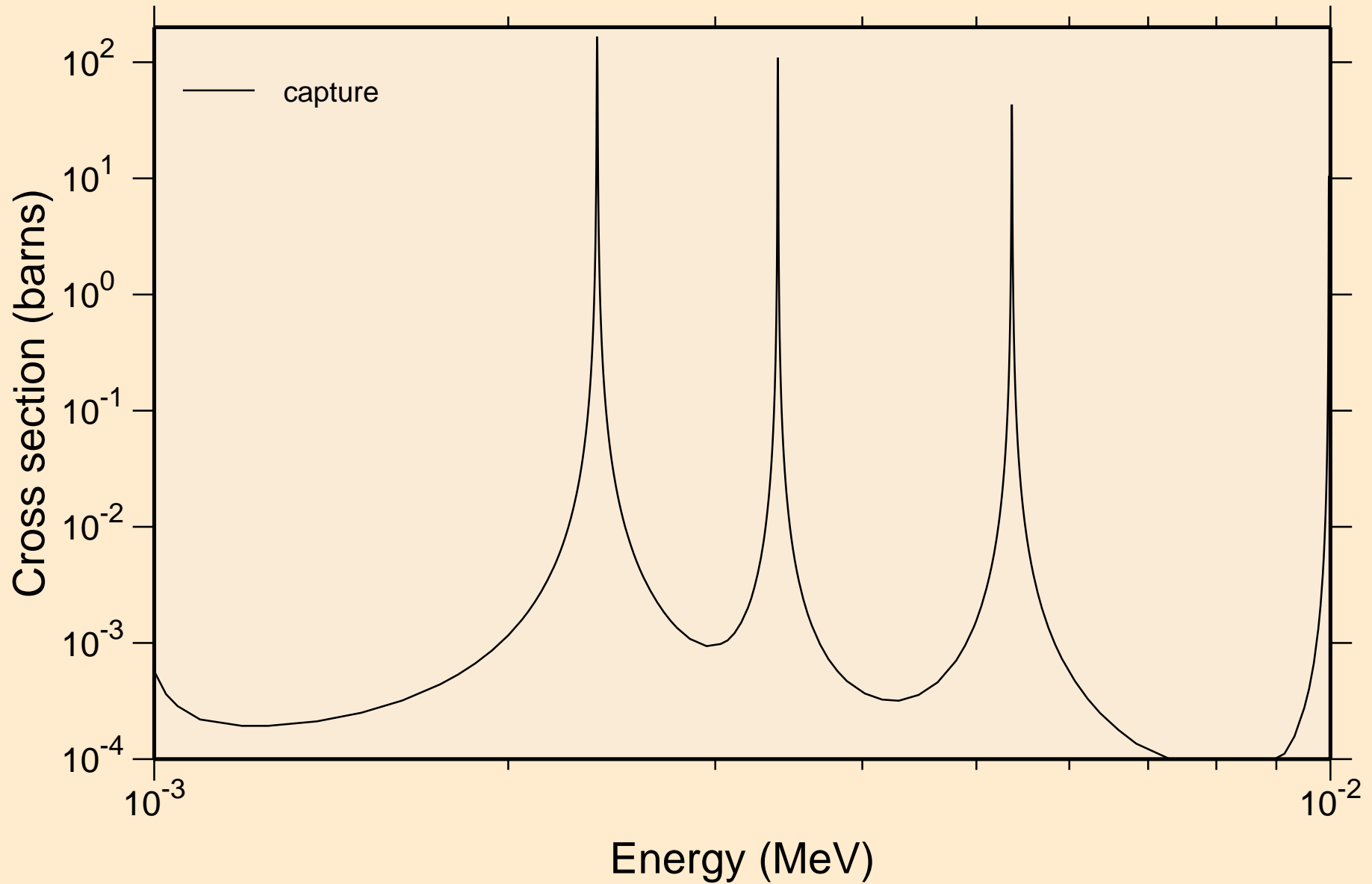




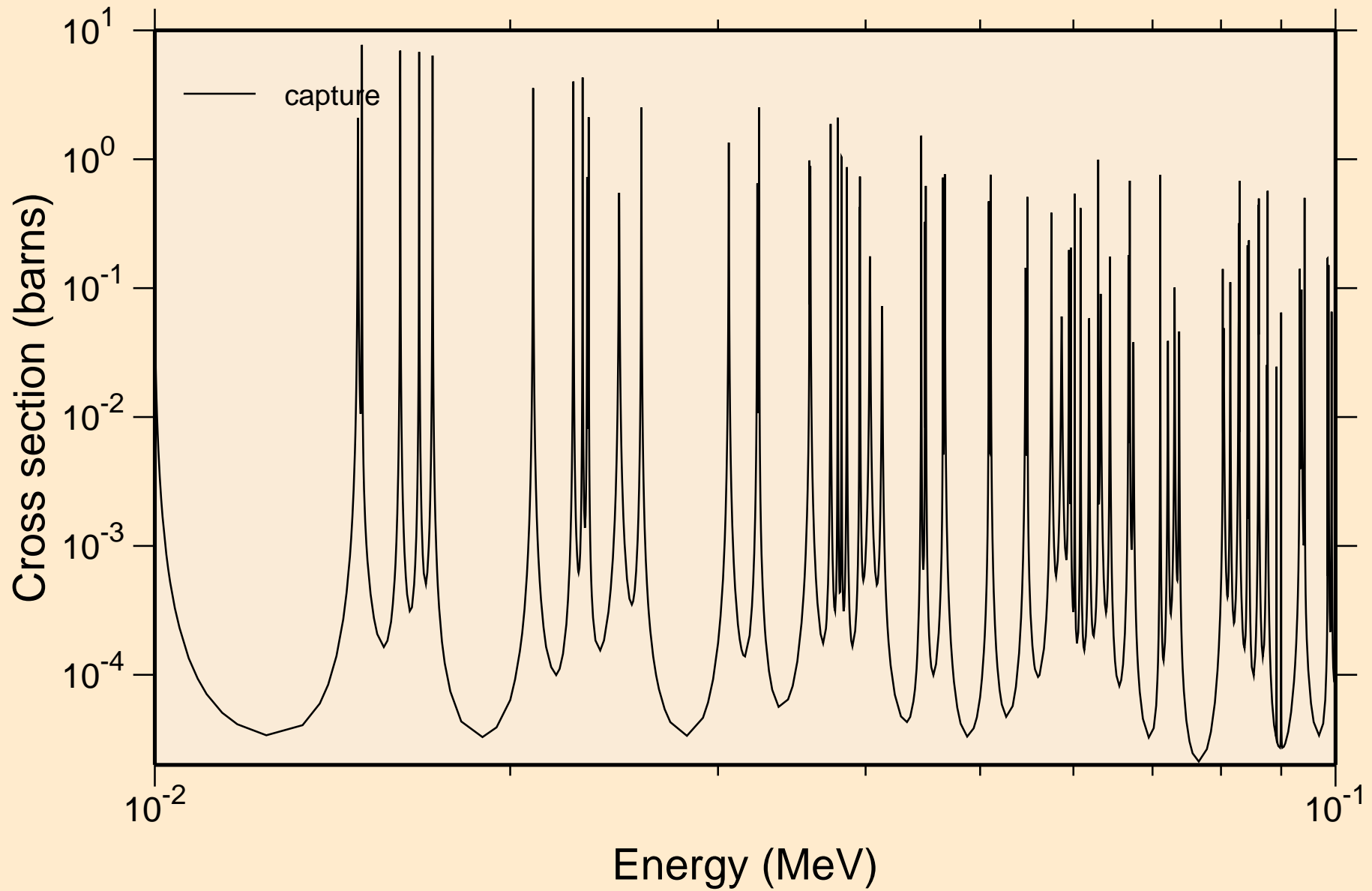
SN124 NRG TENDL-2015, AKONING  
resonance absorption cross sections



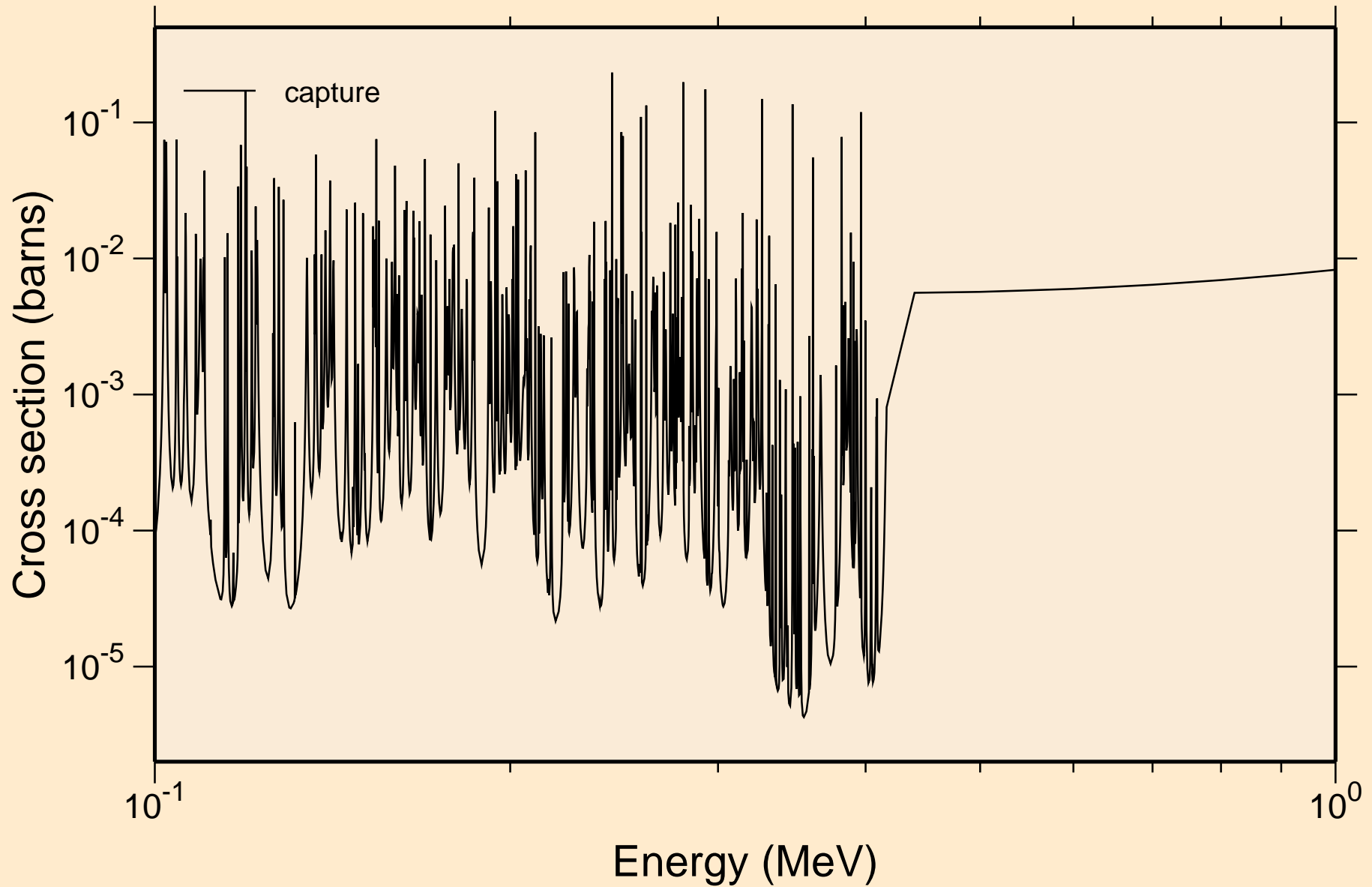
# SN124 NRG TENDL-2015, AKONING resonance absorption cross sections



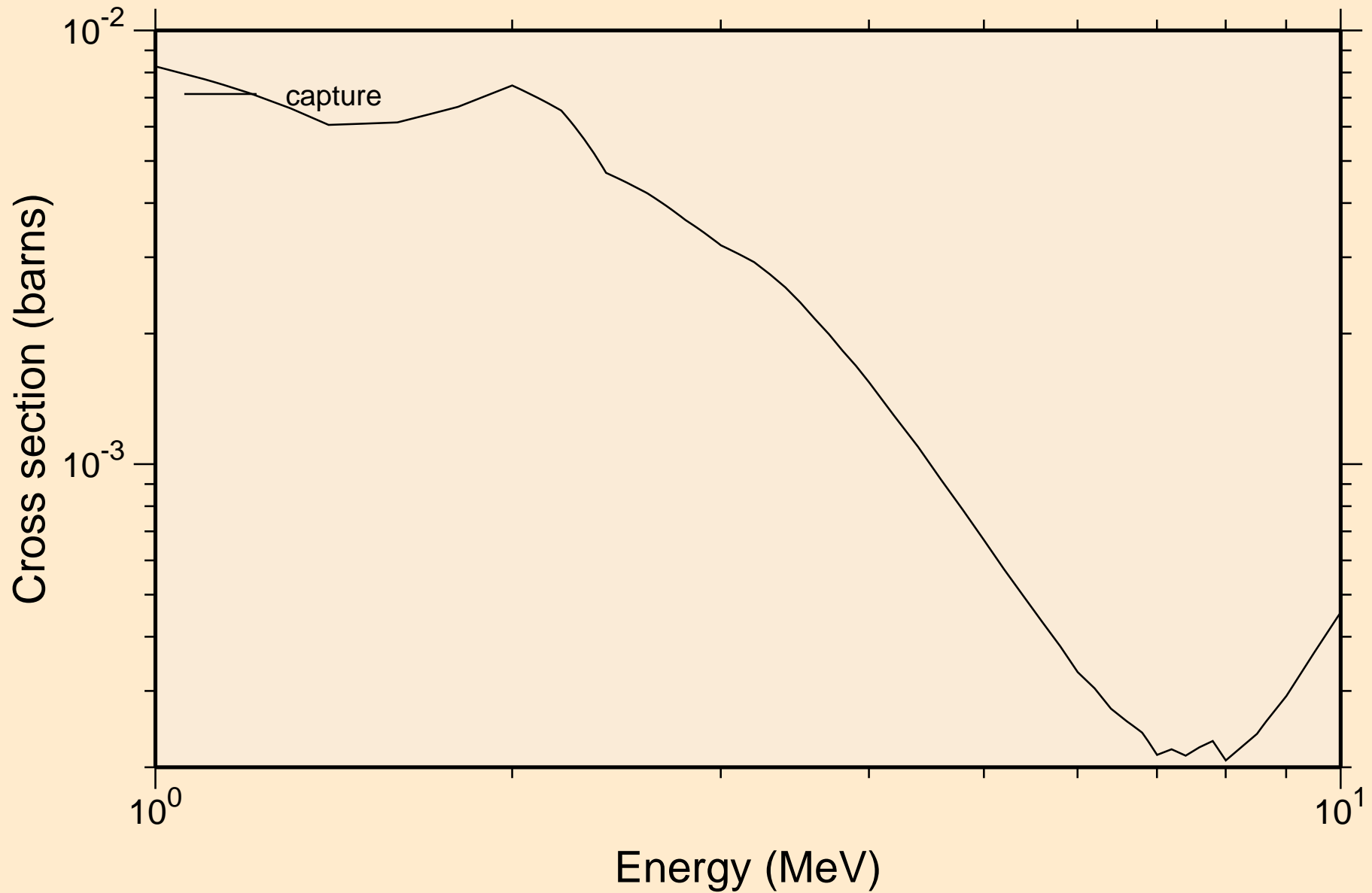
# SN124 NRG TENDL-2015, AKONING resonance absorption cross sections



SN124 NRG TENDL-2015, AKONING  
resonance absorption cross sections

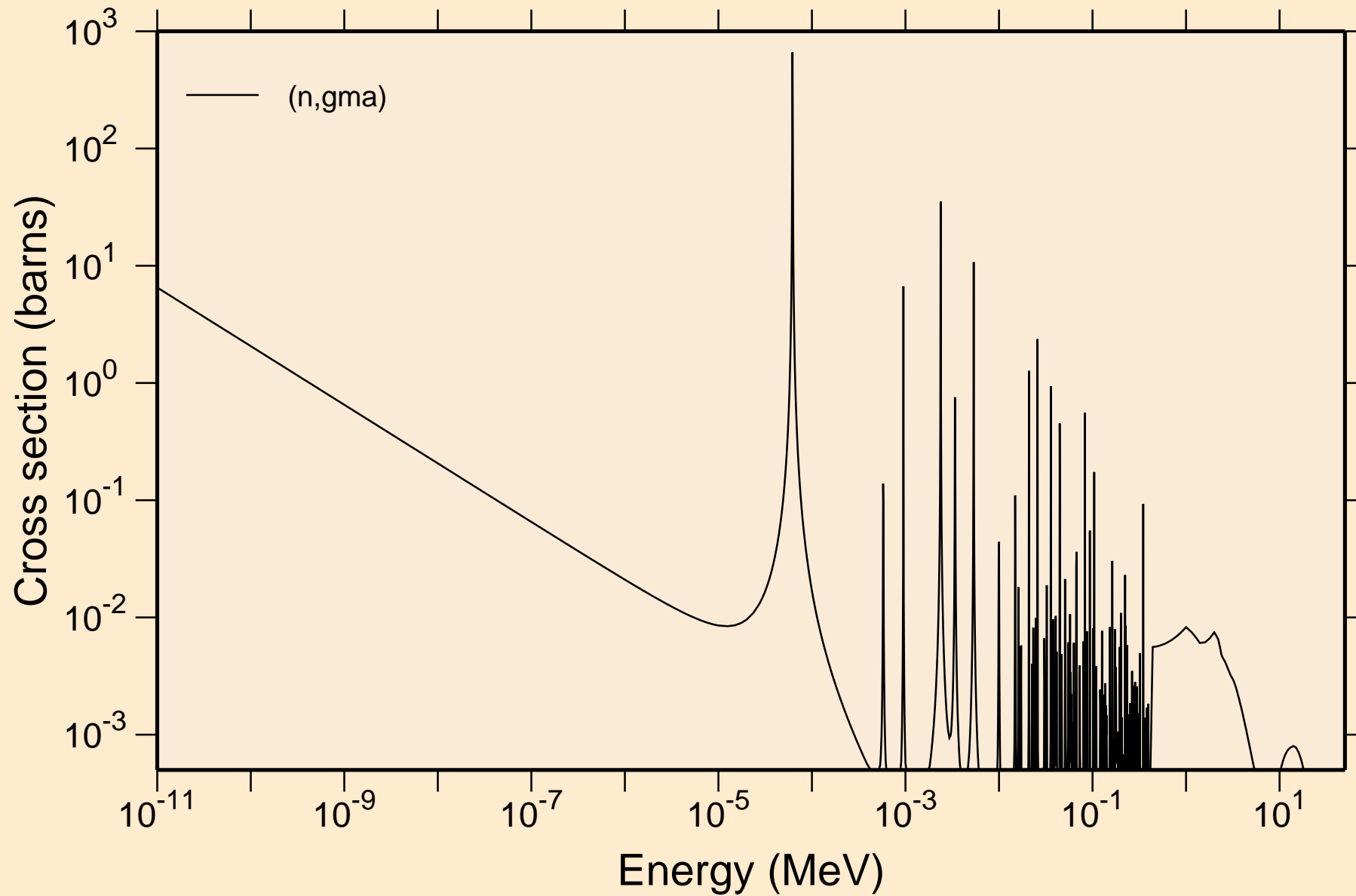


# SN124 NRG TENDL-2015, AKONING resonance absorption cross sections



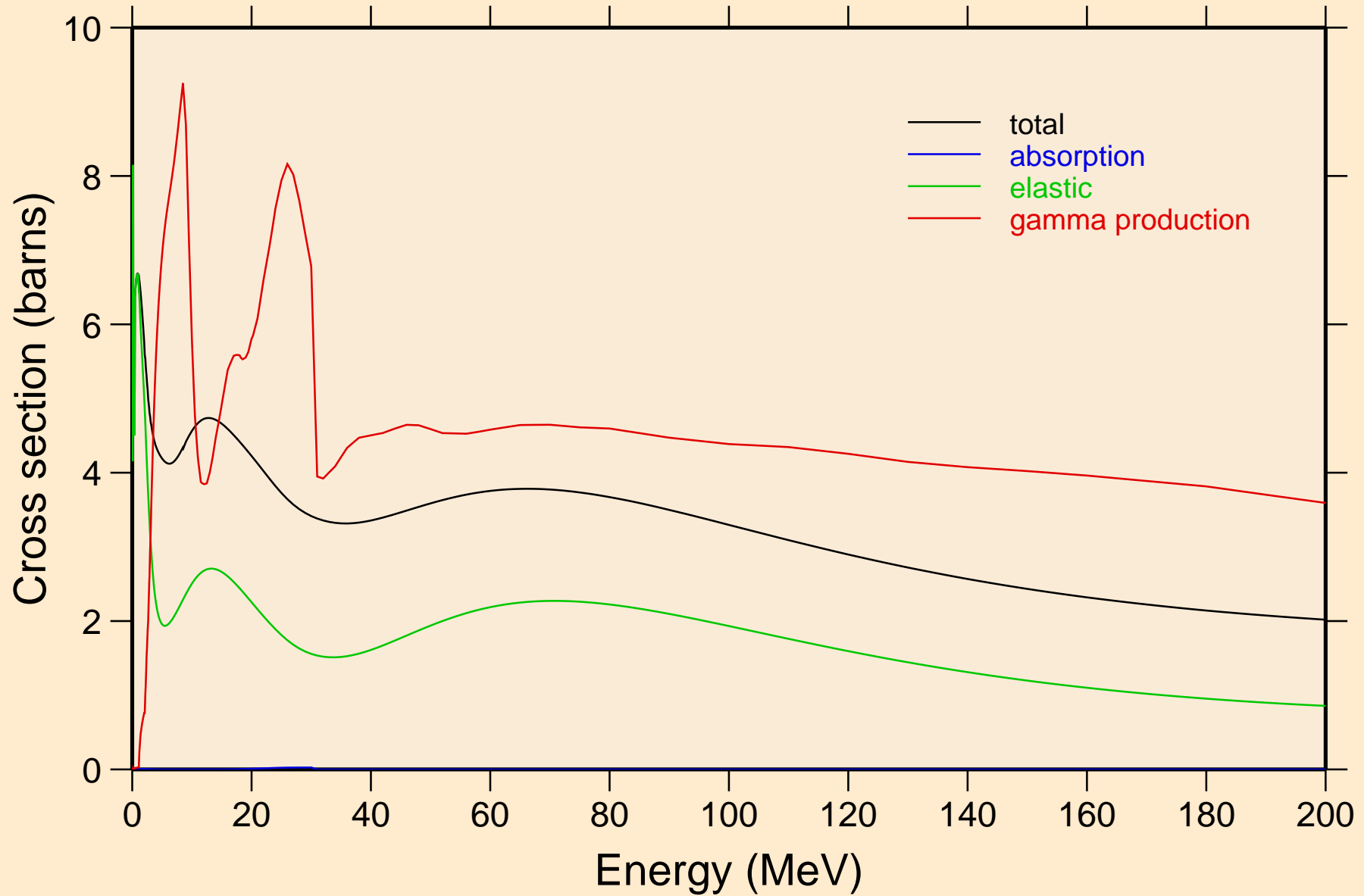
# SN124 NRG TENDL-2015, AKONING

## Non-threshold reactions



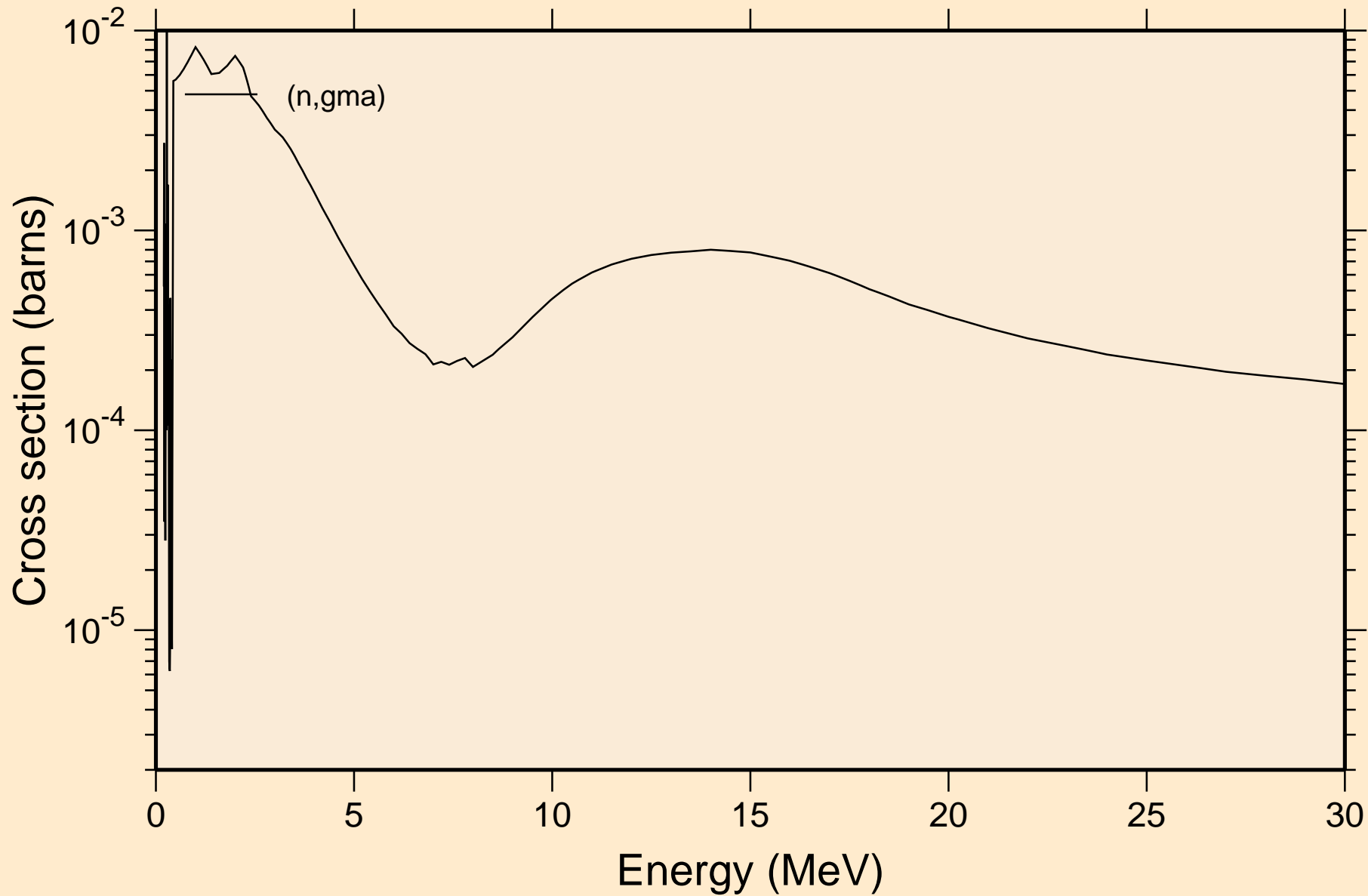
# SN124 NRG TENDL-2015, AKONING

## Principal cross sections



# SN124 NRG TENDL-2015, AKONING

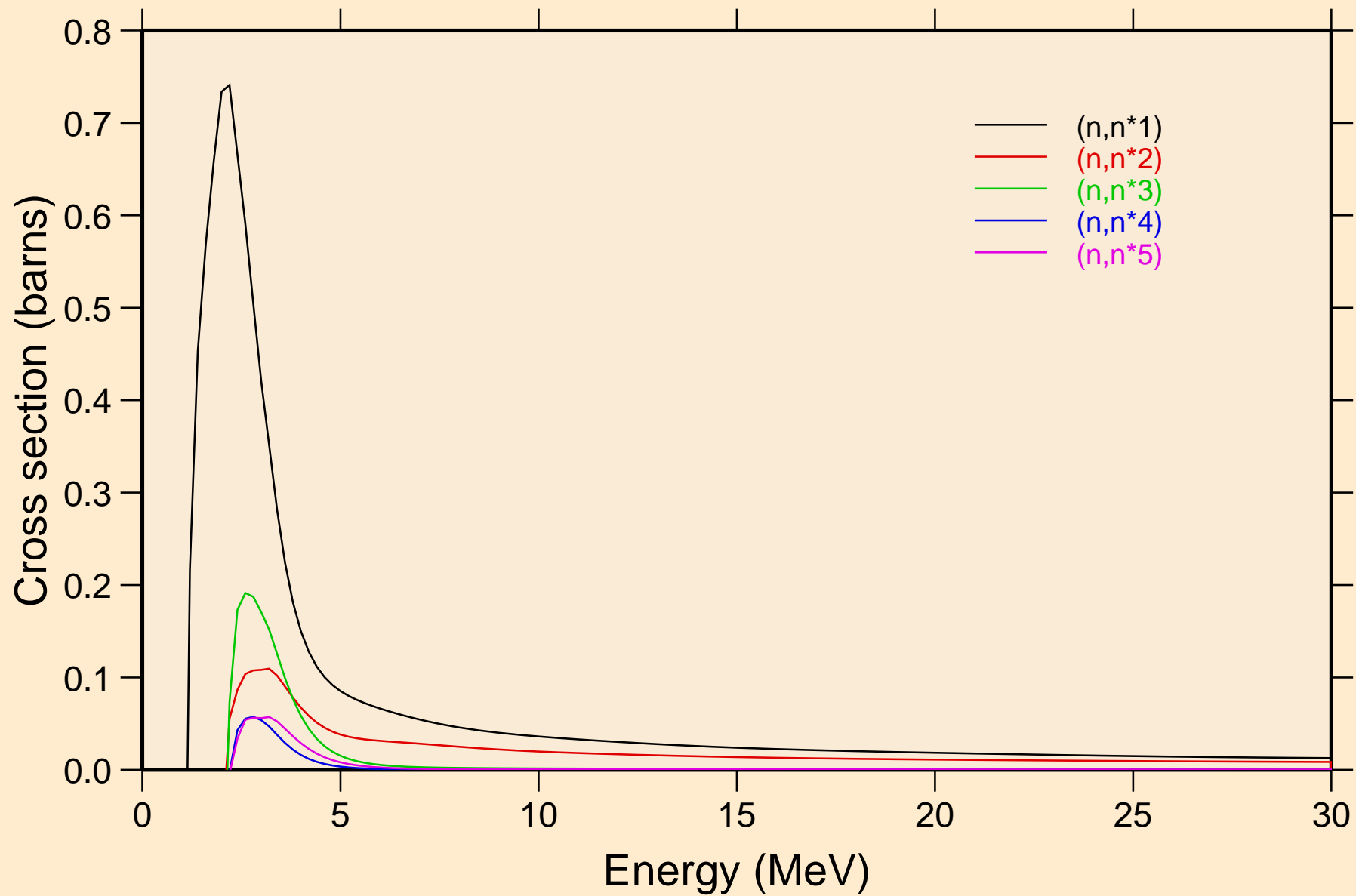
## Non-threshold reactions





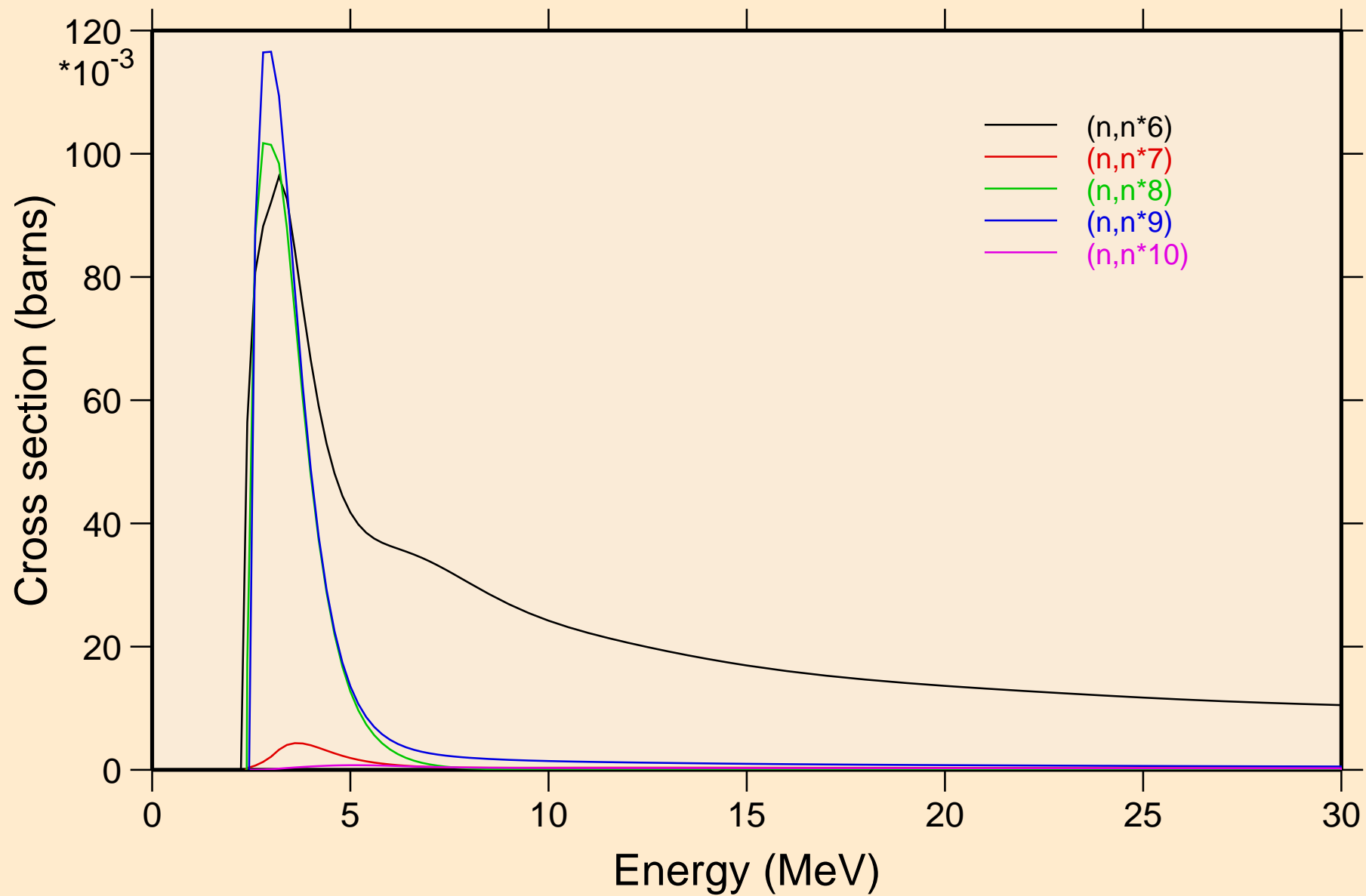
# SN124 NRG TENDL-2015, AKONING

## Inelastic levels



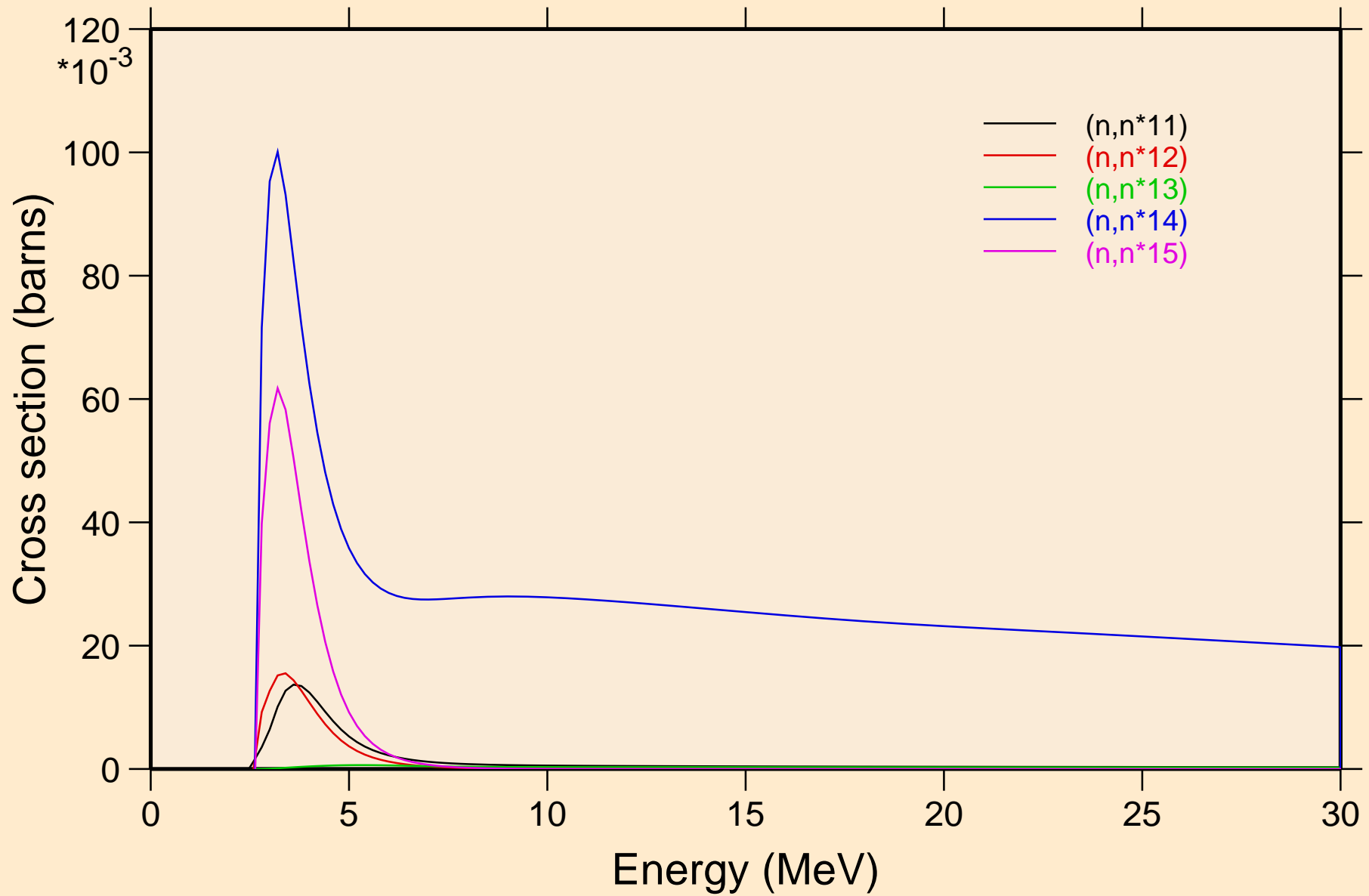
# SN124 NRG TENDL-2015, AKONING

## Inelastic levels



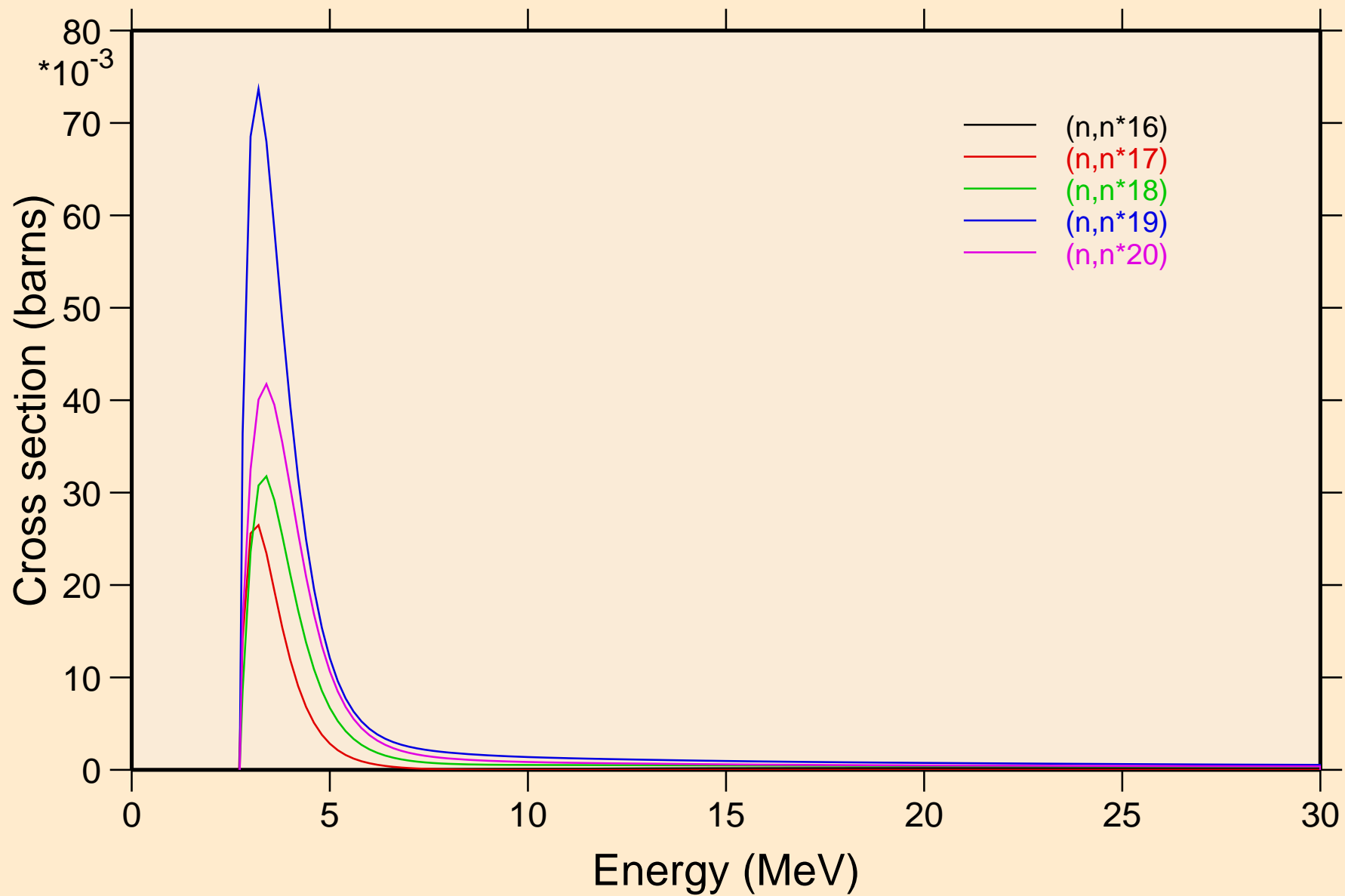
# SN124 NRG TENDL-2015, AKONING

## Inelastic levels



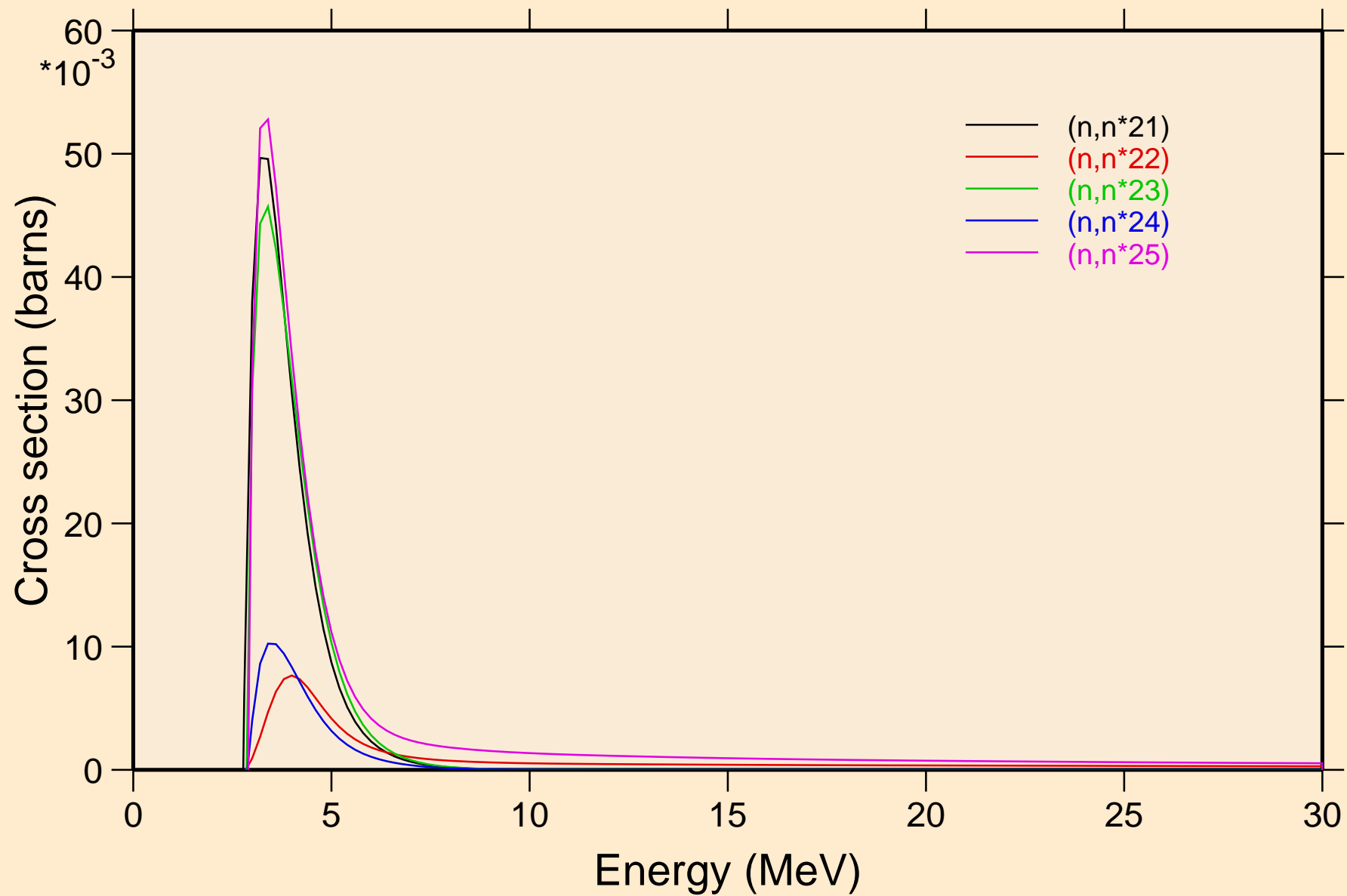
# SN124 NRG TENDL-2015, AKONING

## Inelastic levels



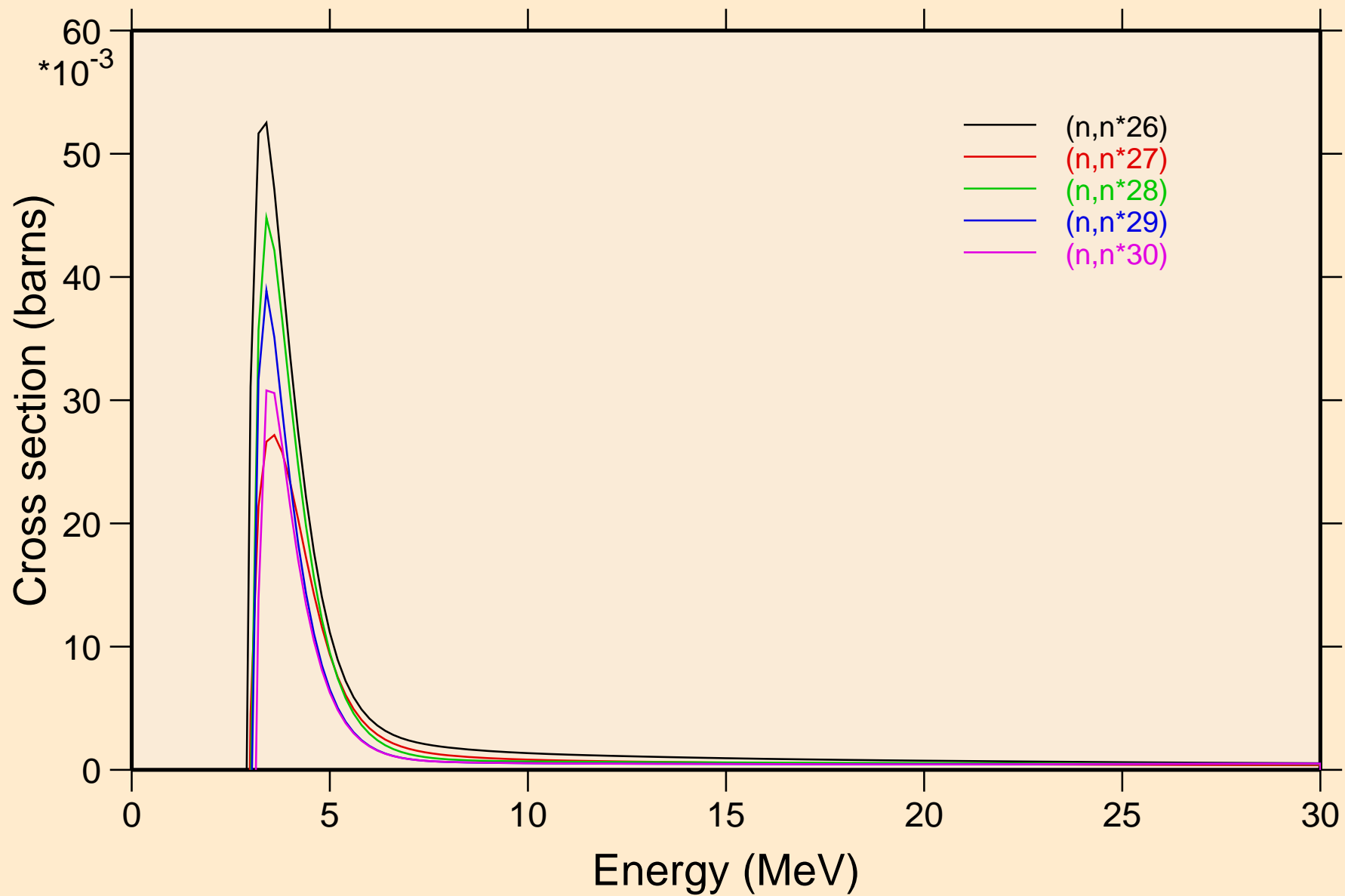
# SN124 NRG TENDL-2015, AKONING

## Inelastic levels



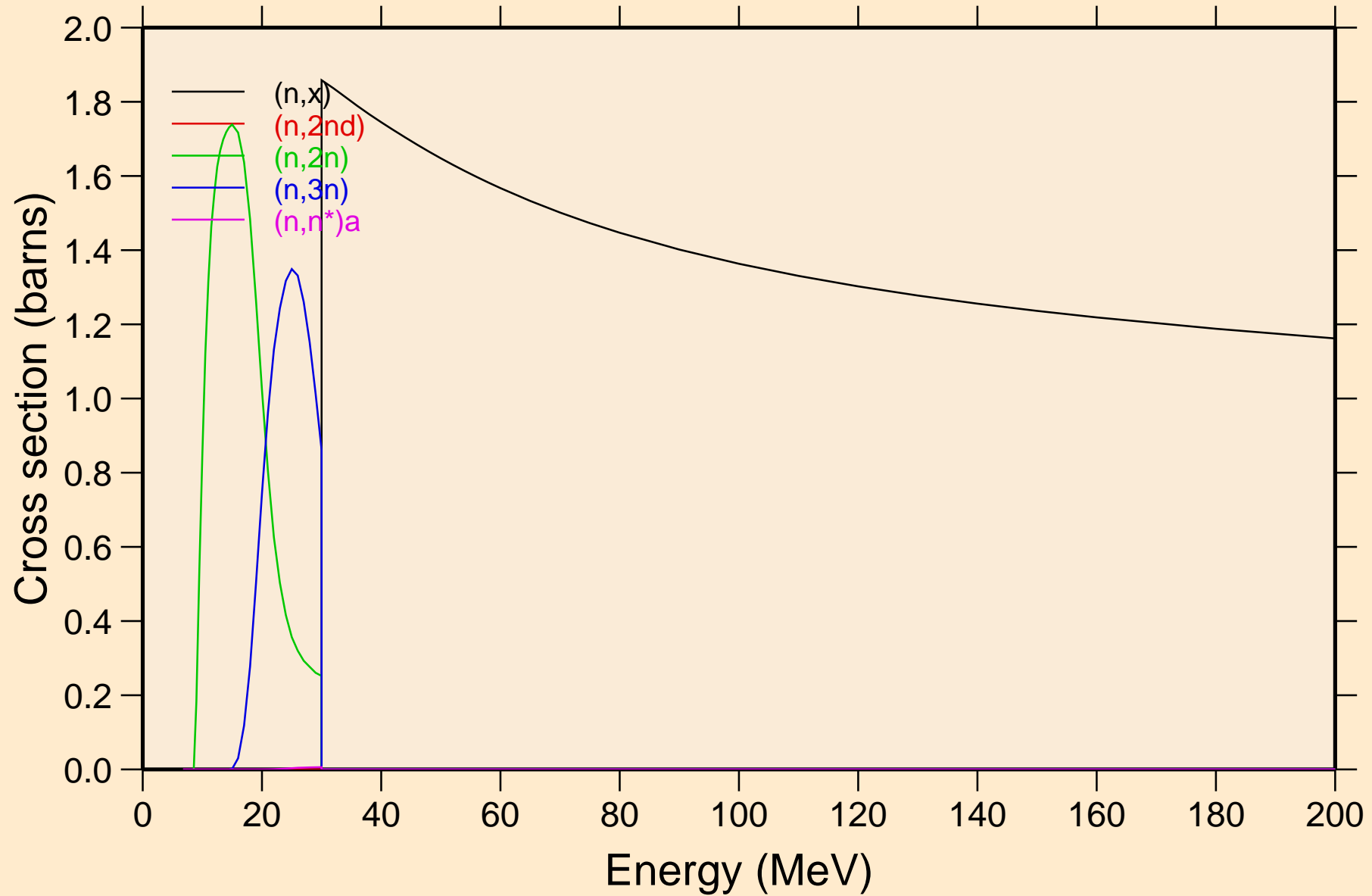
# SN124 NRG TENDL-2015, AKONING

## Inelastic levels



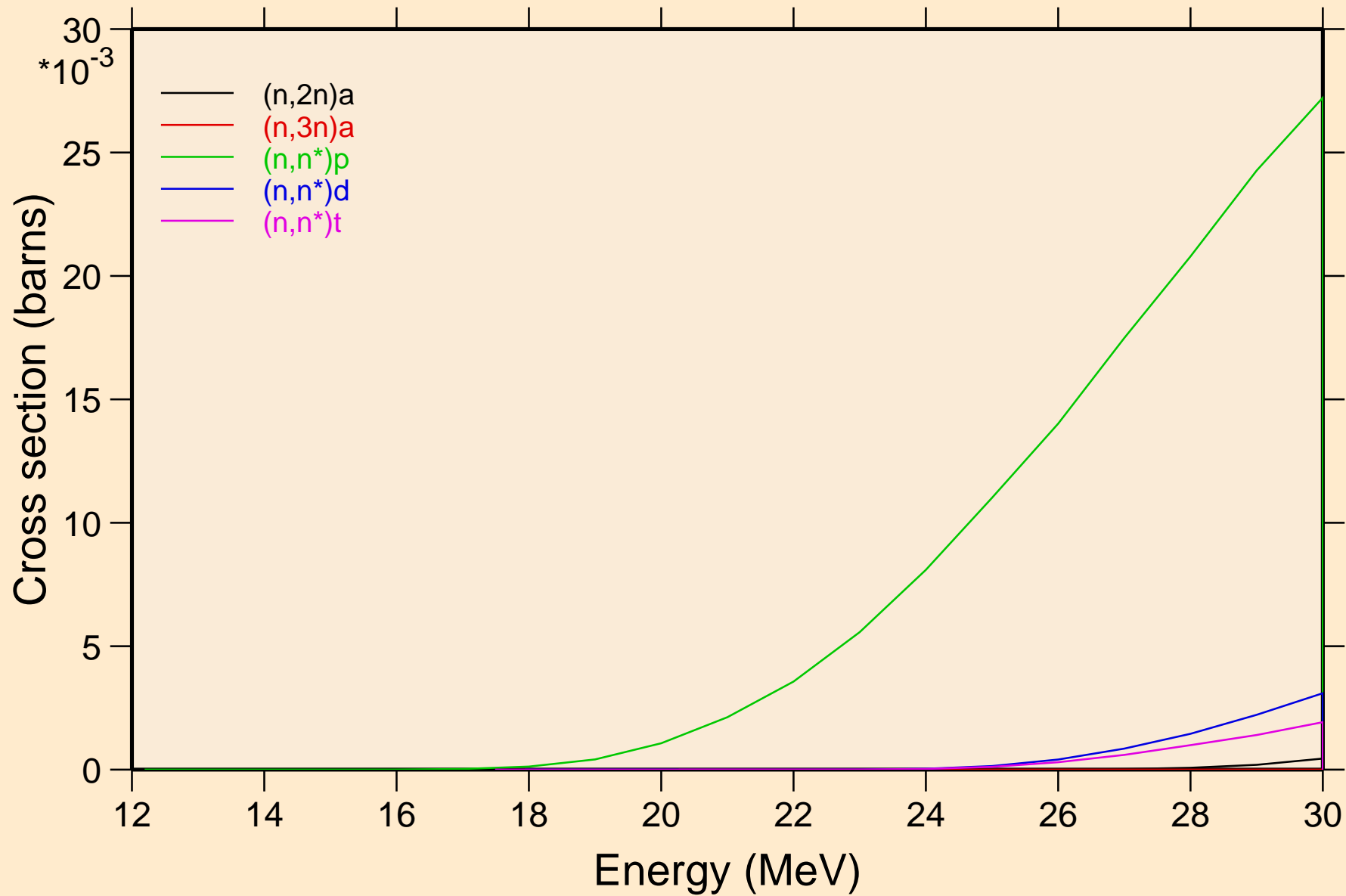
# SN124 NRG TENDL-2015, AKONING

## Threshold reactions



# SN124 NRG TENDL-2015, AKONING

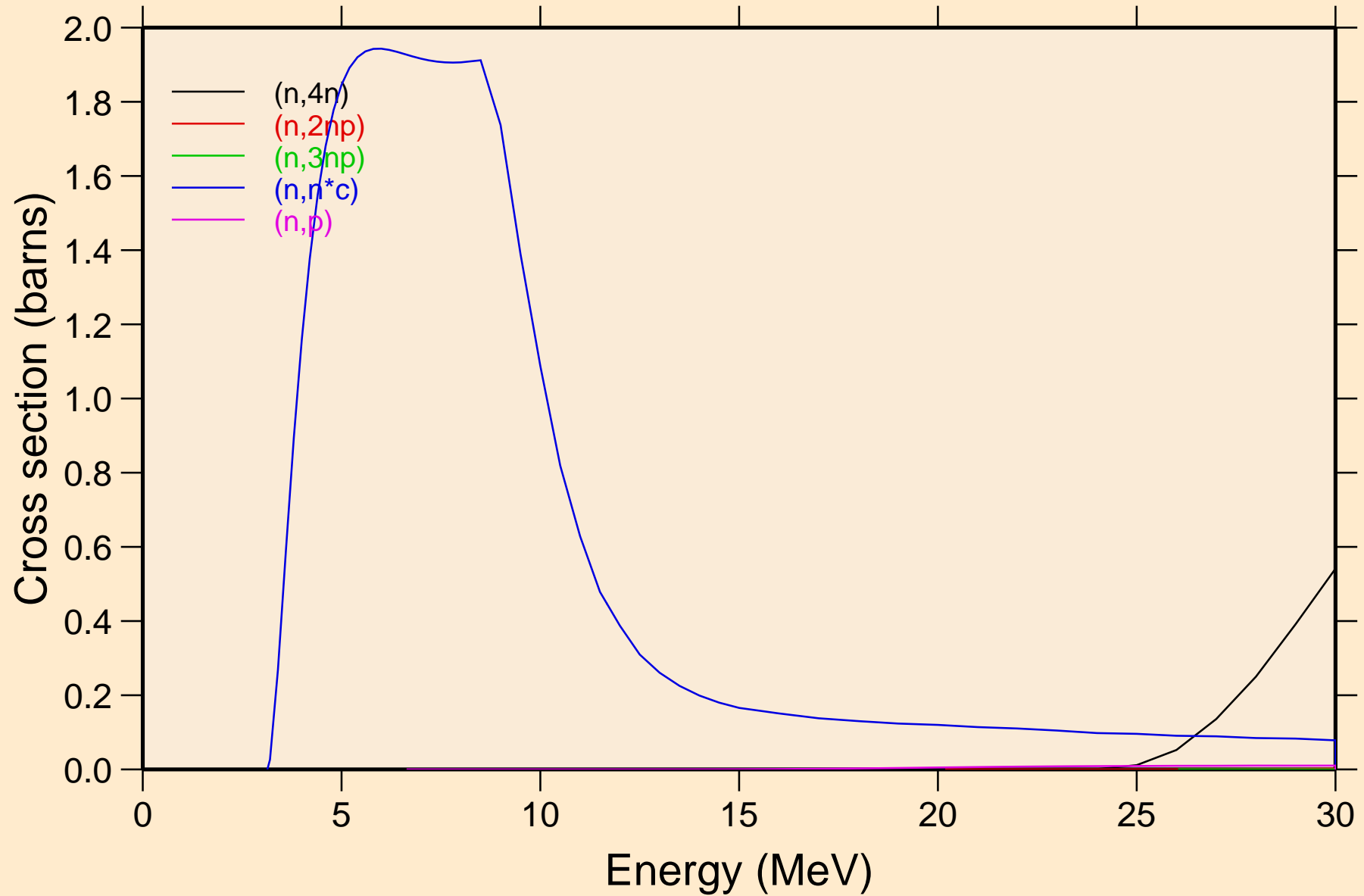
## Threshold reactions





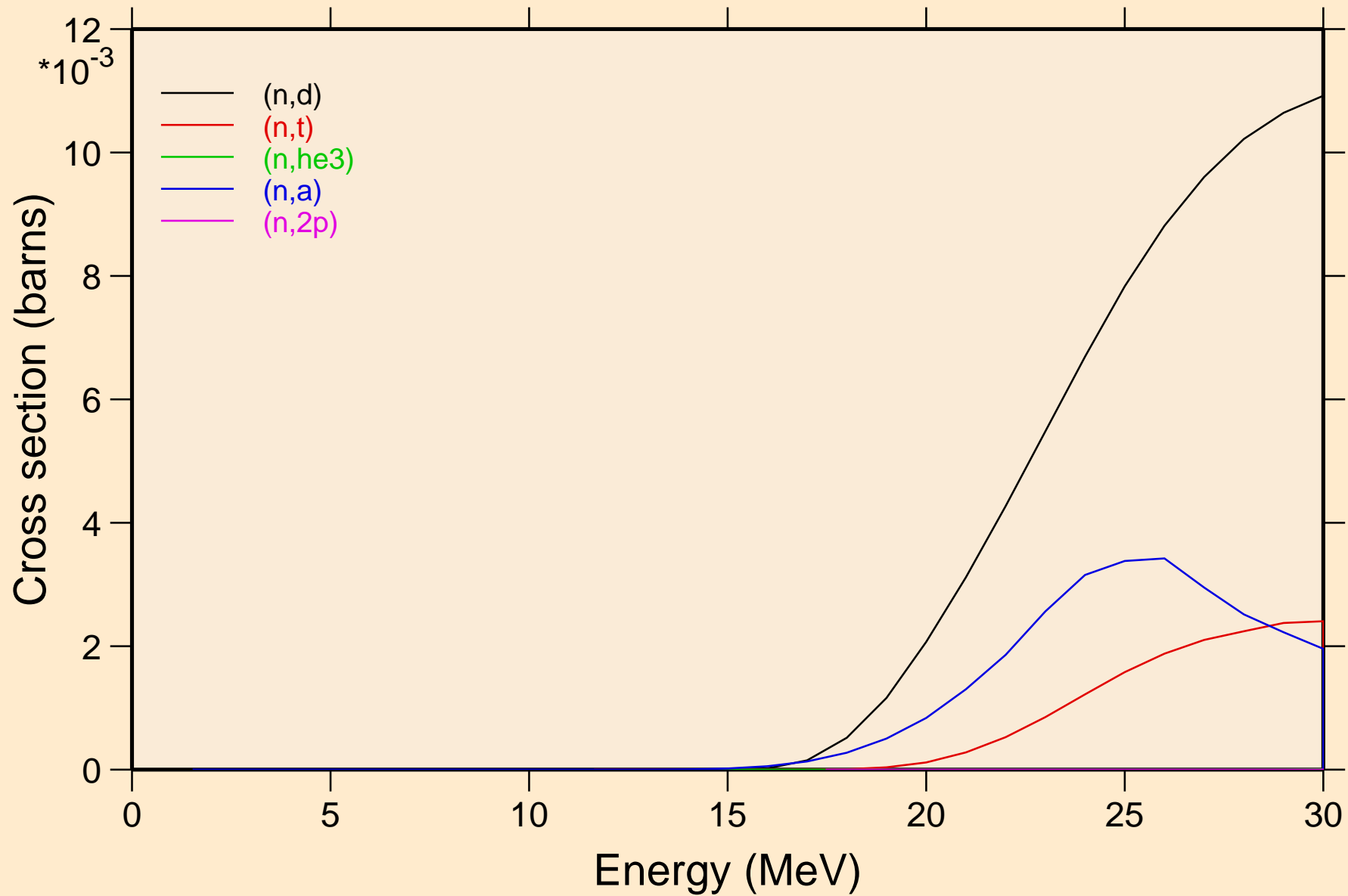
# SN124 NRG TENDL-2015, AKONING

## Threshold reactions

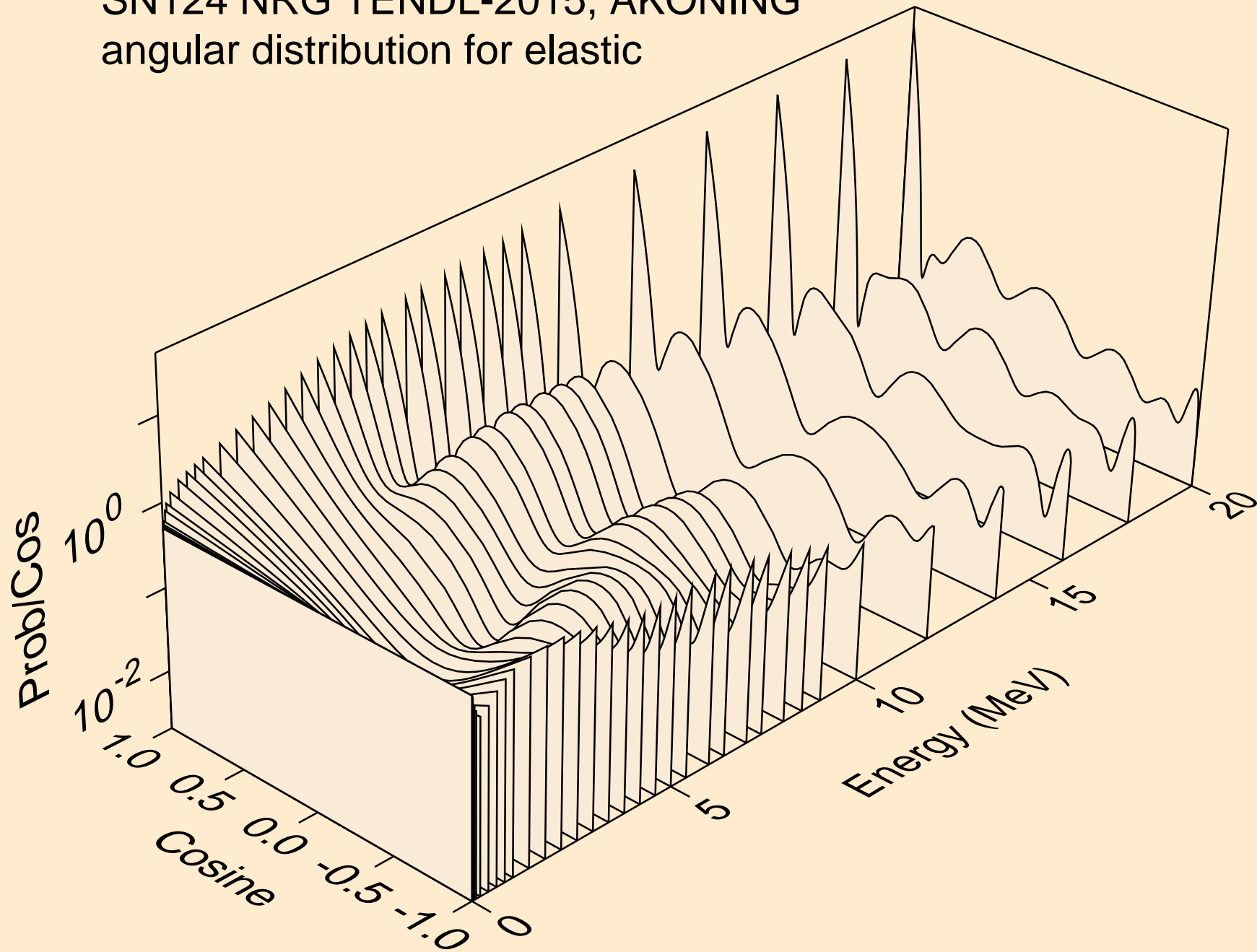


# SN124 NRG TENDL-2015, AKONING

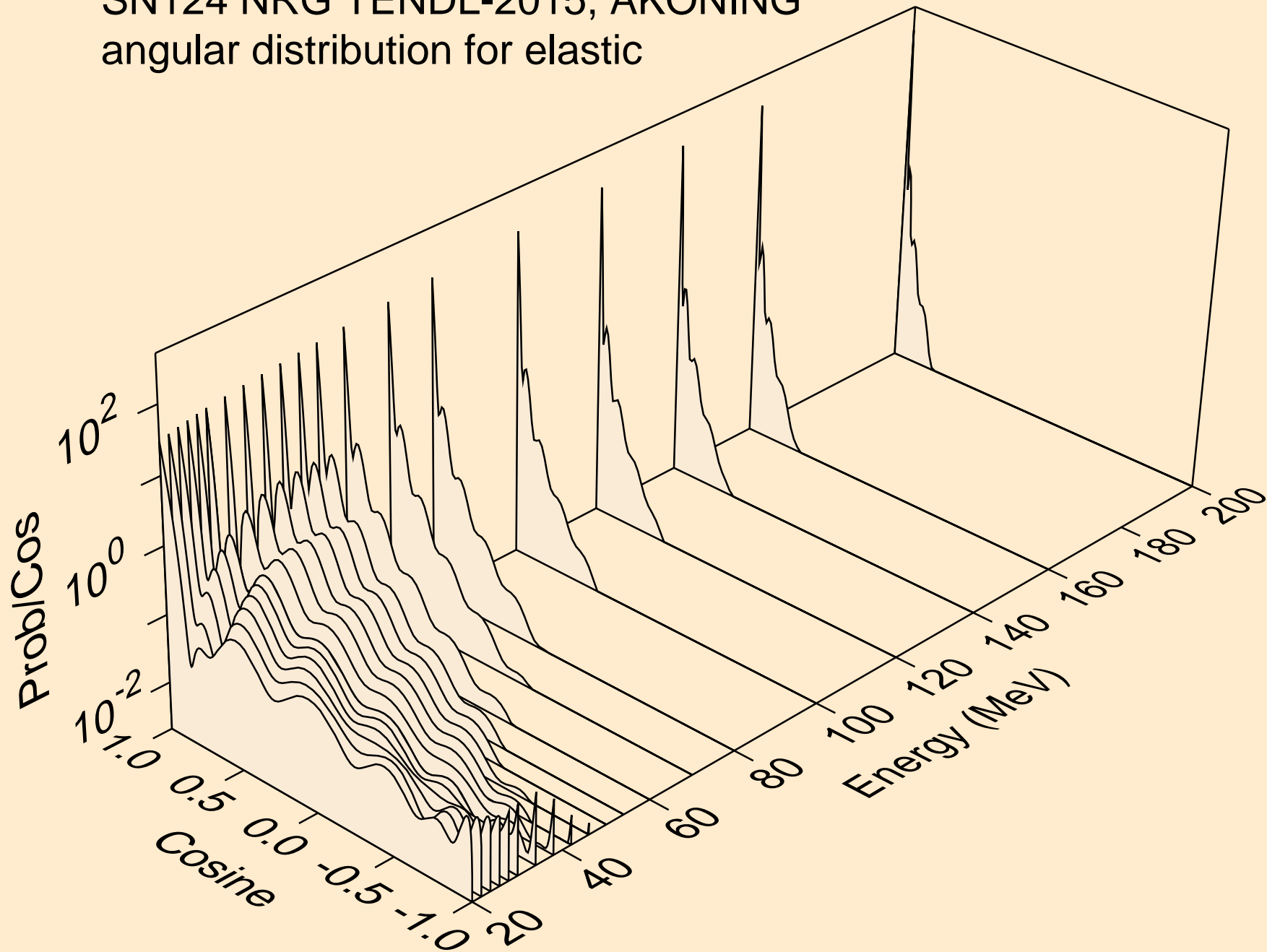
## Threshold reactions



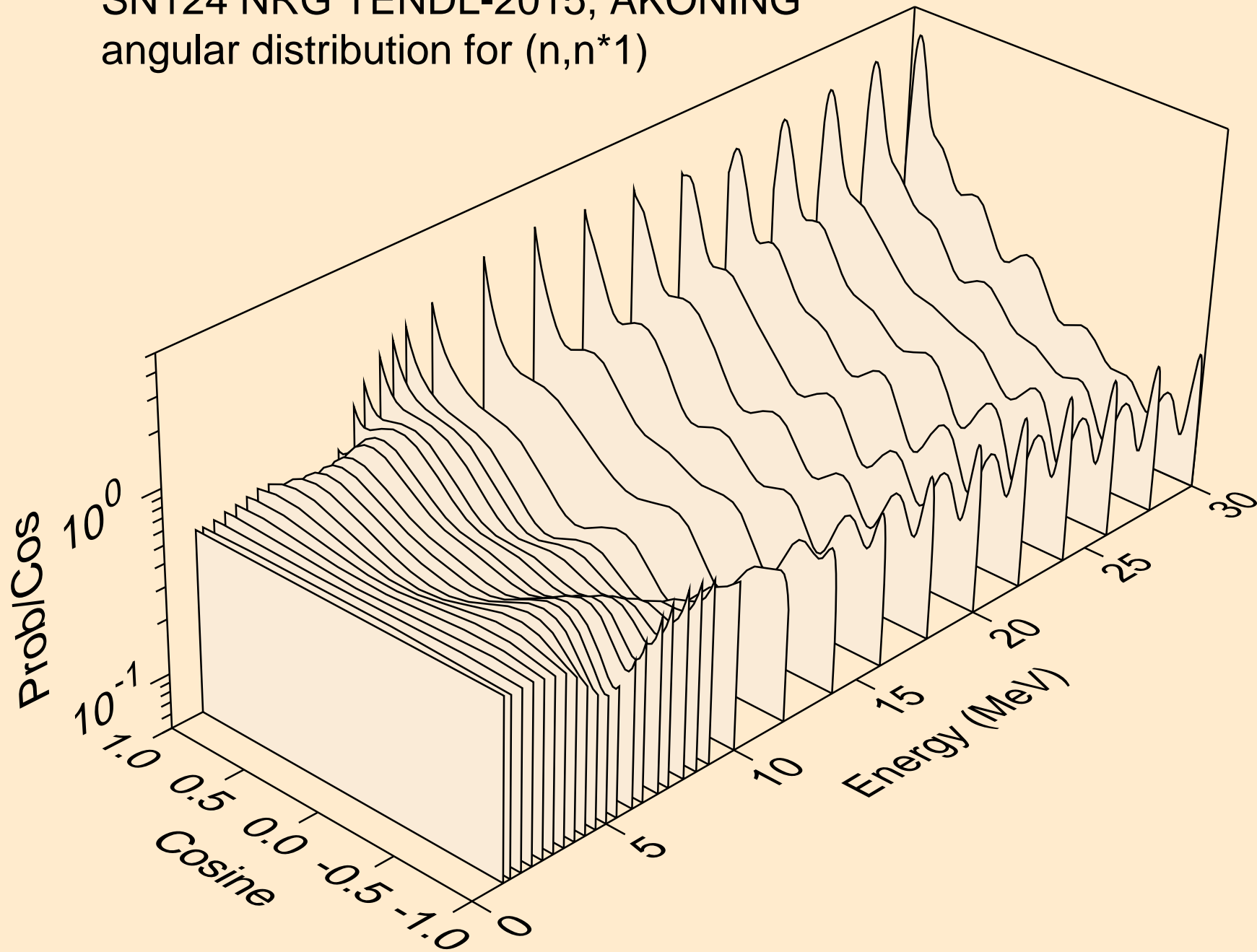
SN124 NRG TENDL-2015, AKONING  
angular distribution for elastic



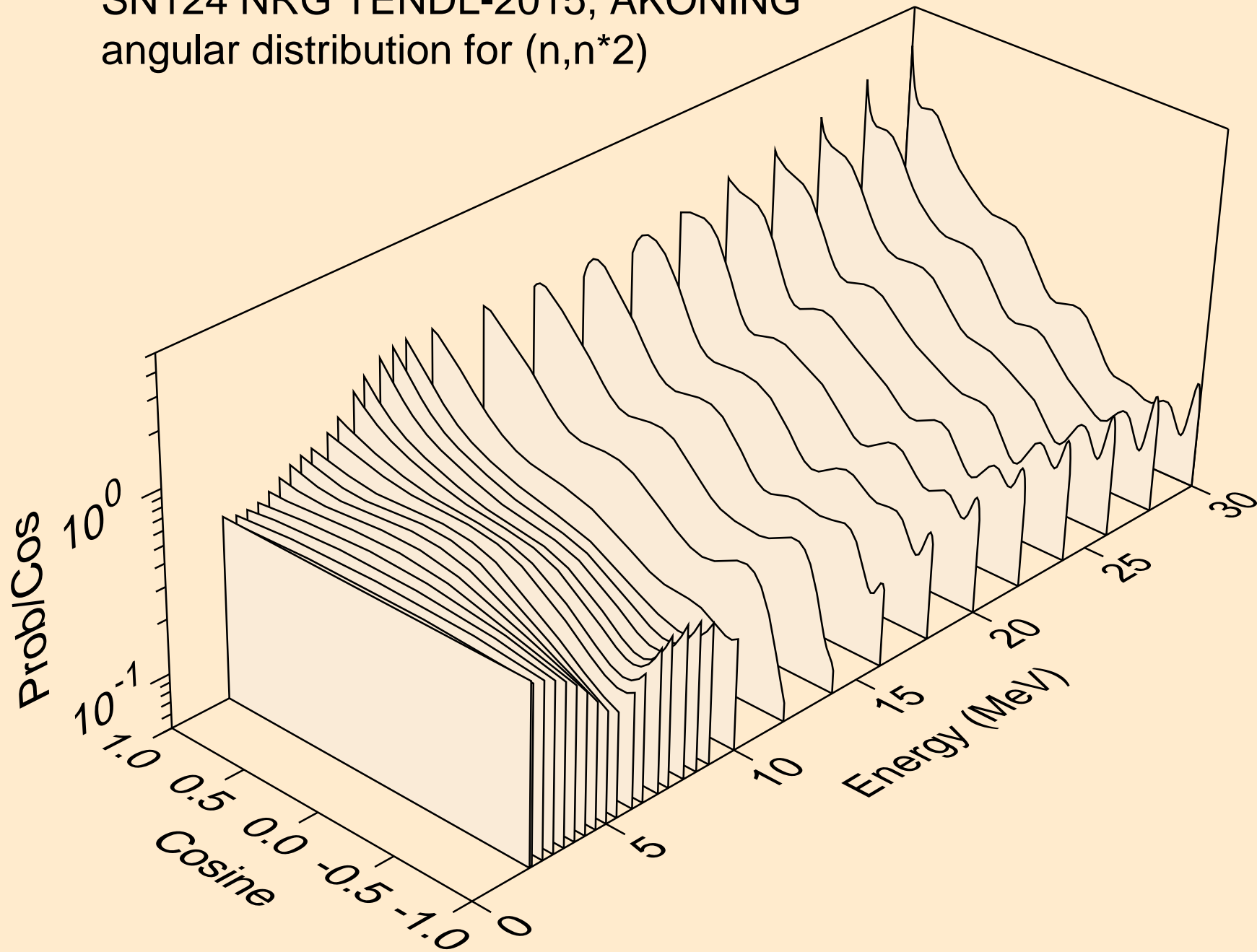
SN124 NRG TENDL-2015, AKONING  
angular distribution for elastic



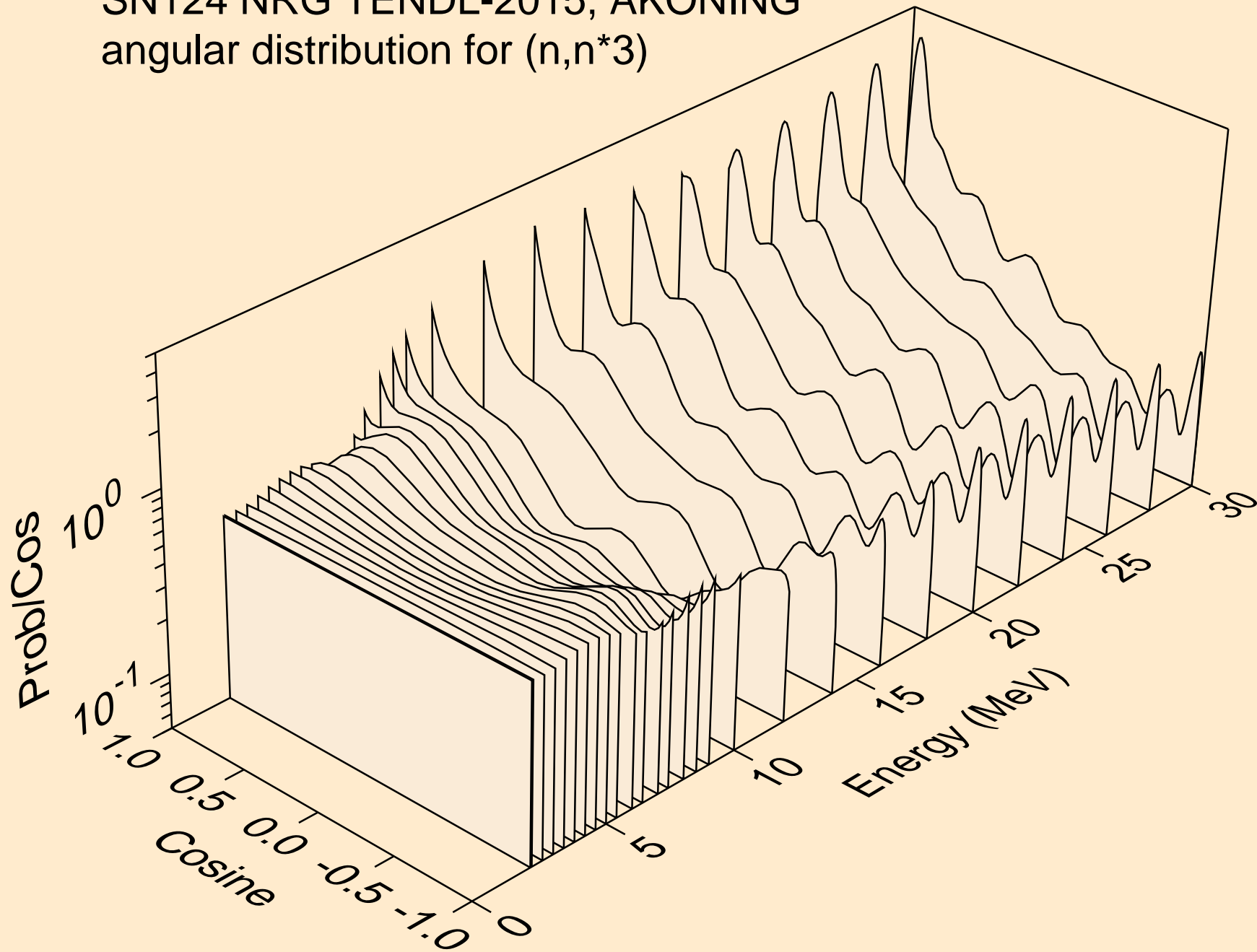
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



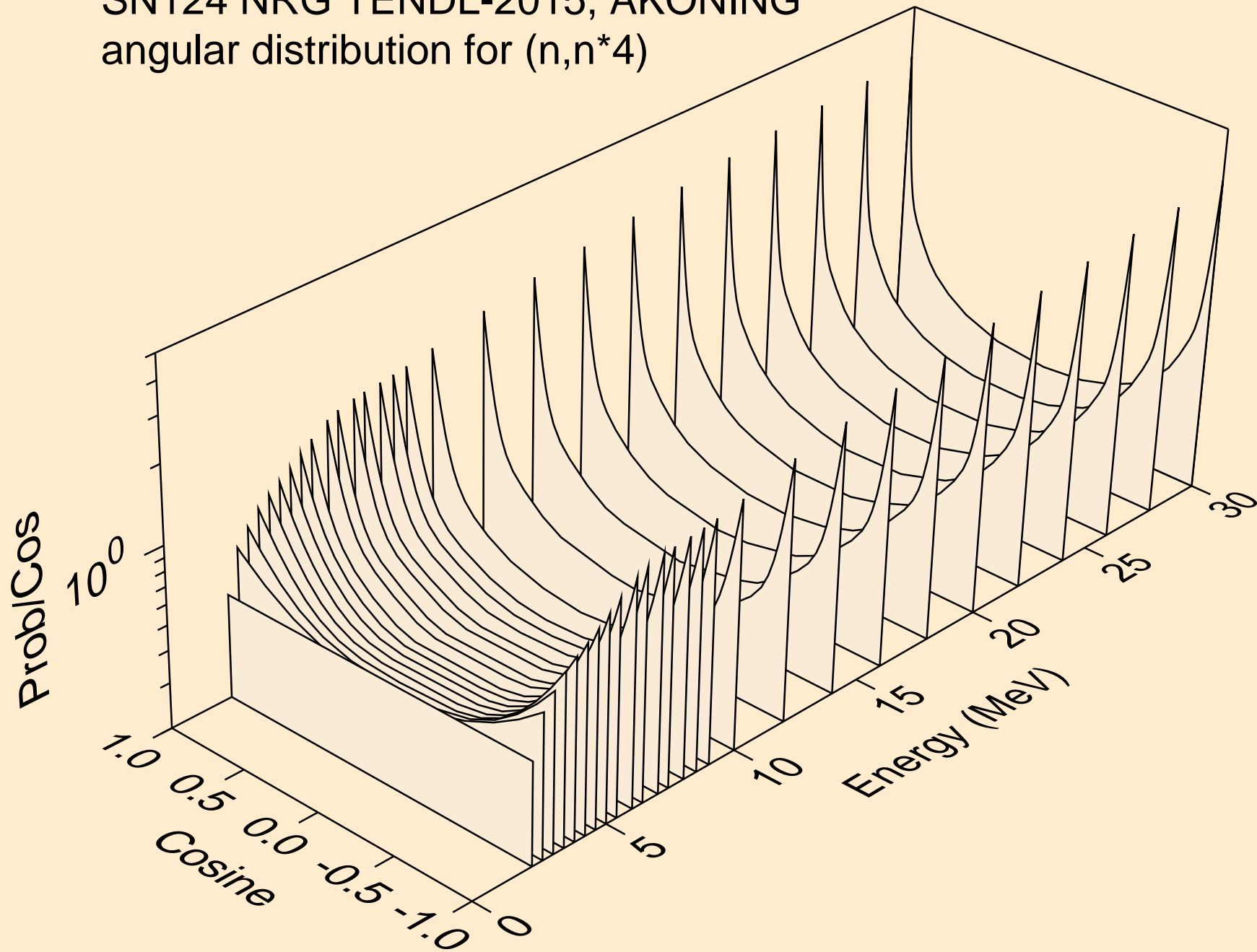
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

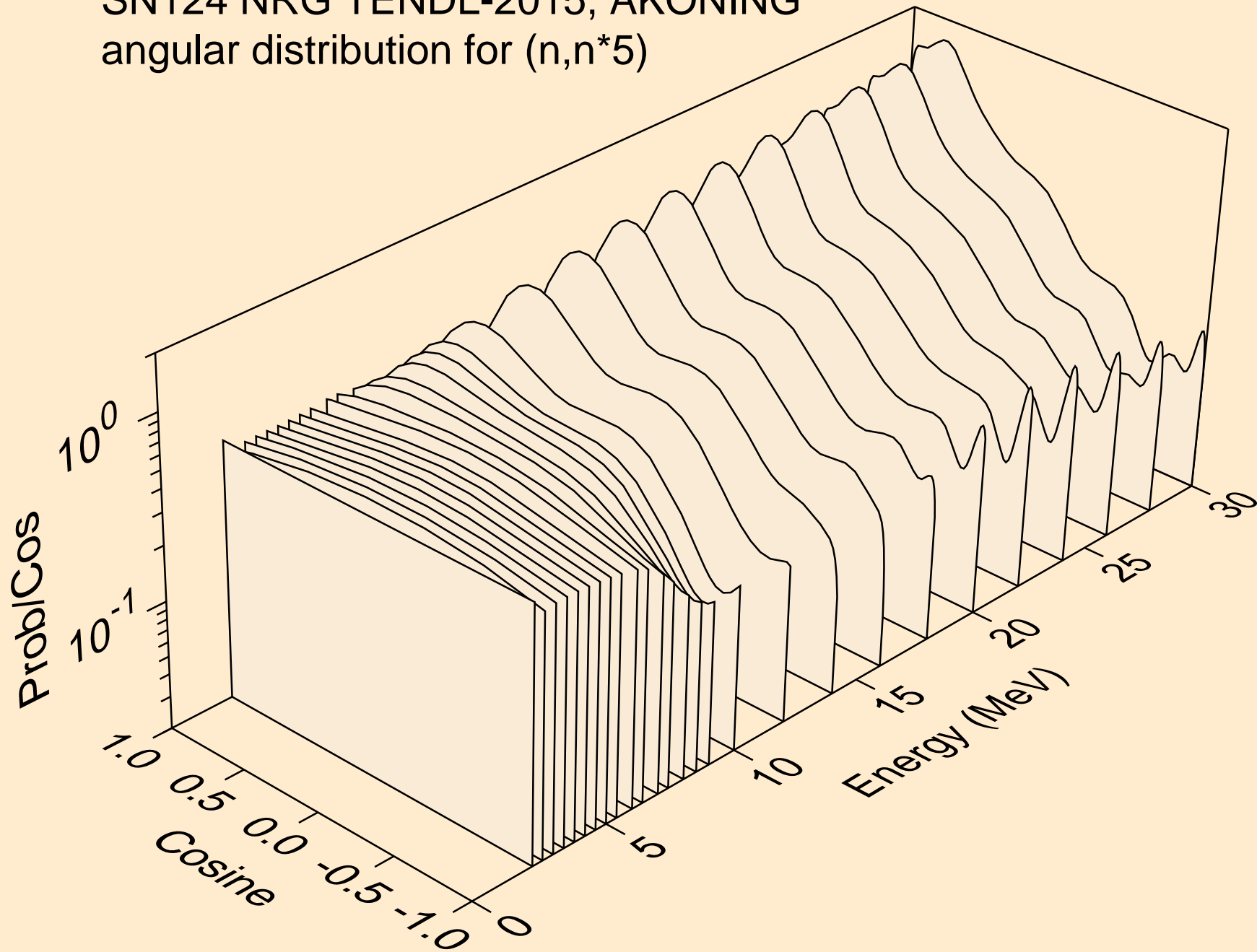


SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

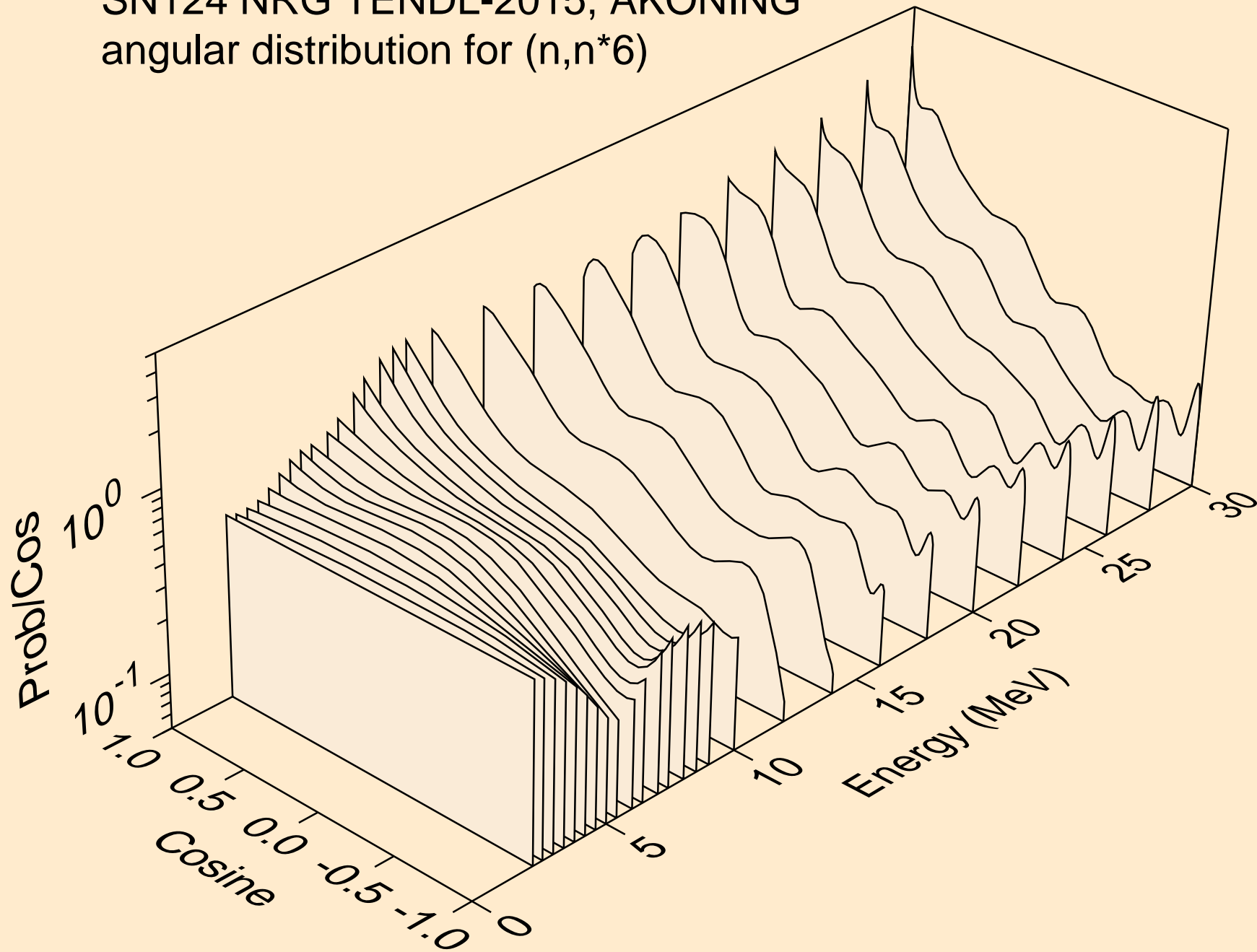




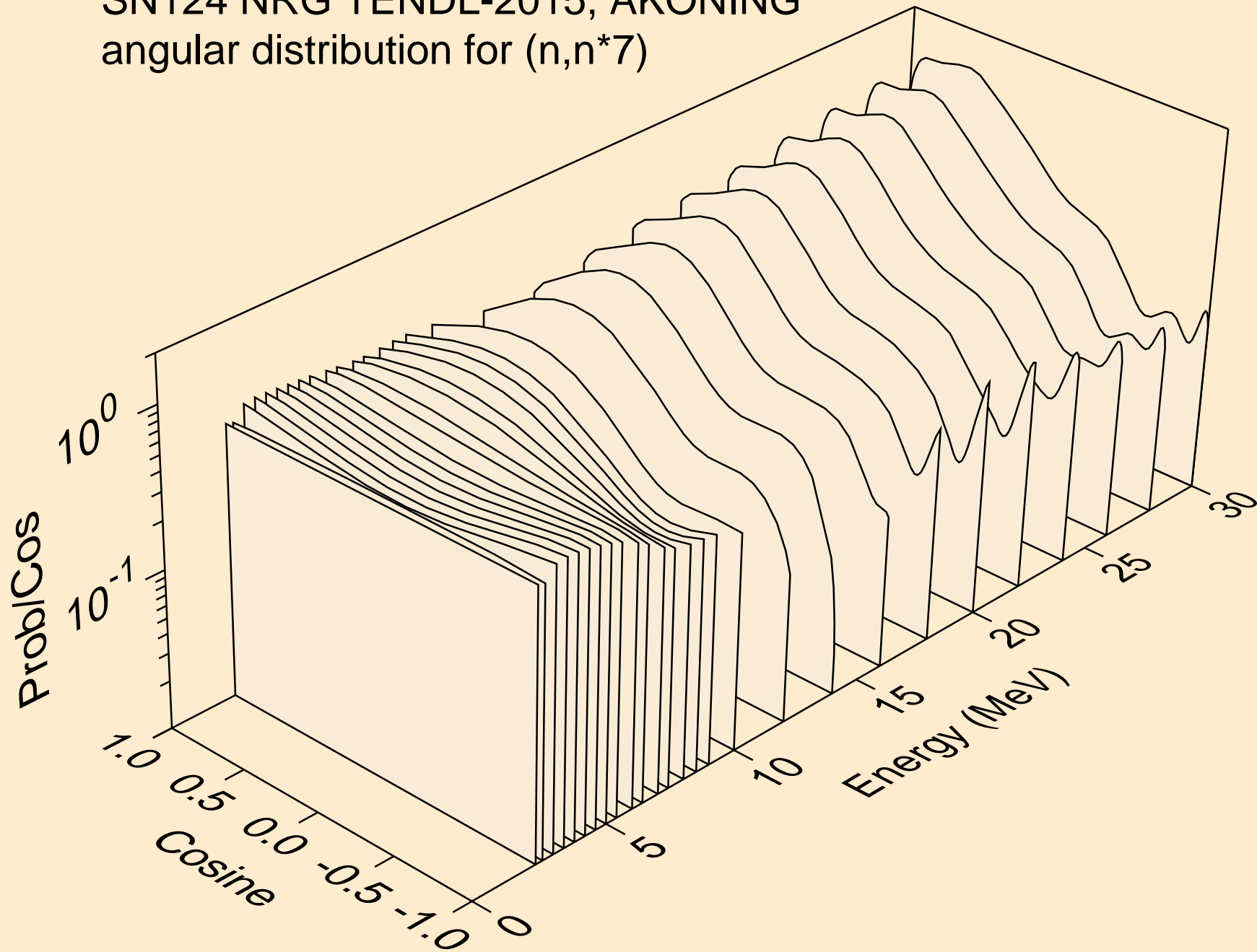
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



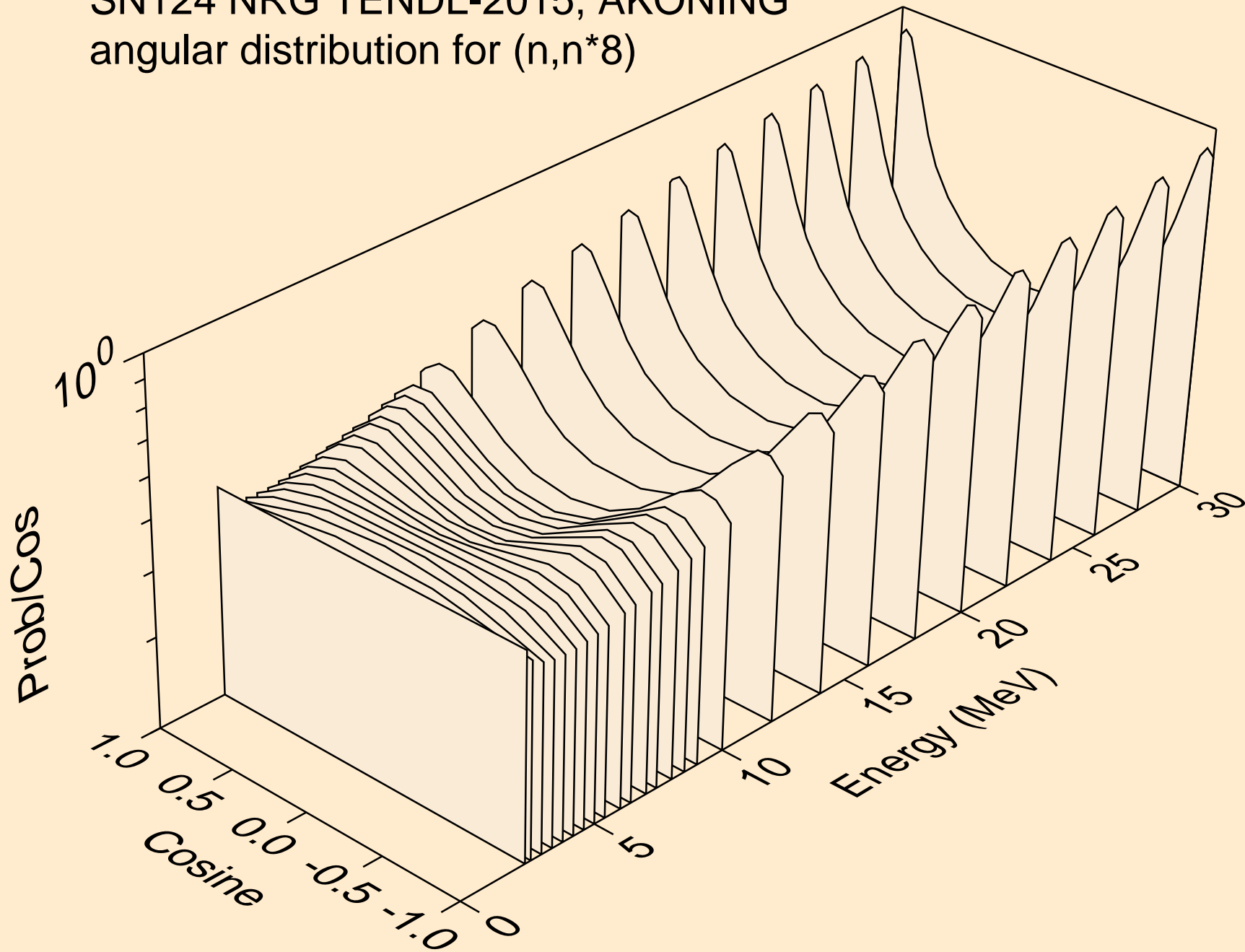
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



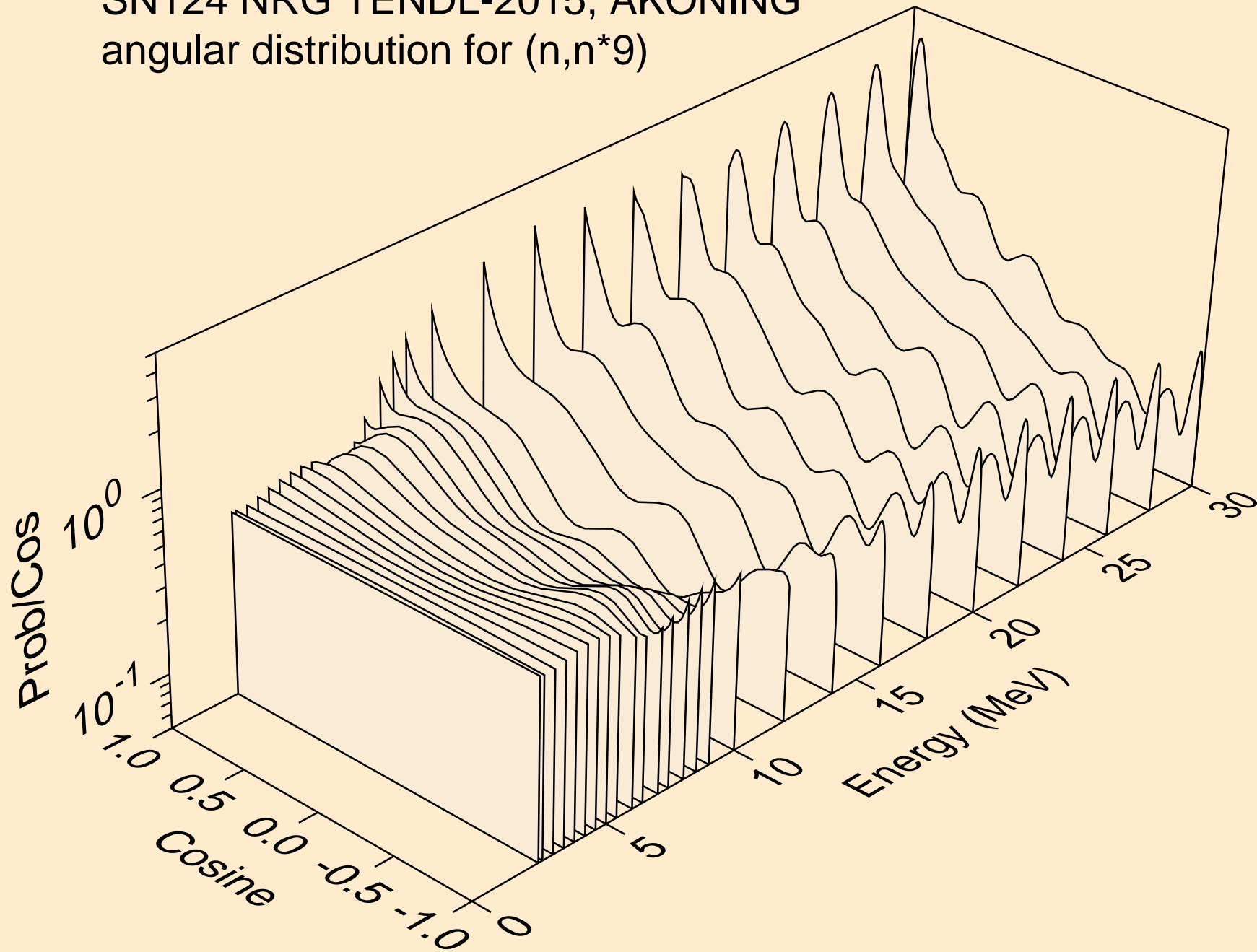
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



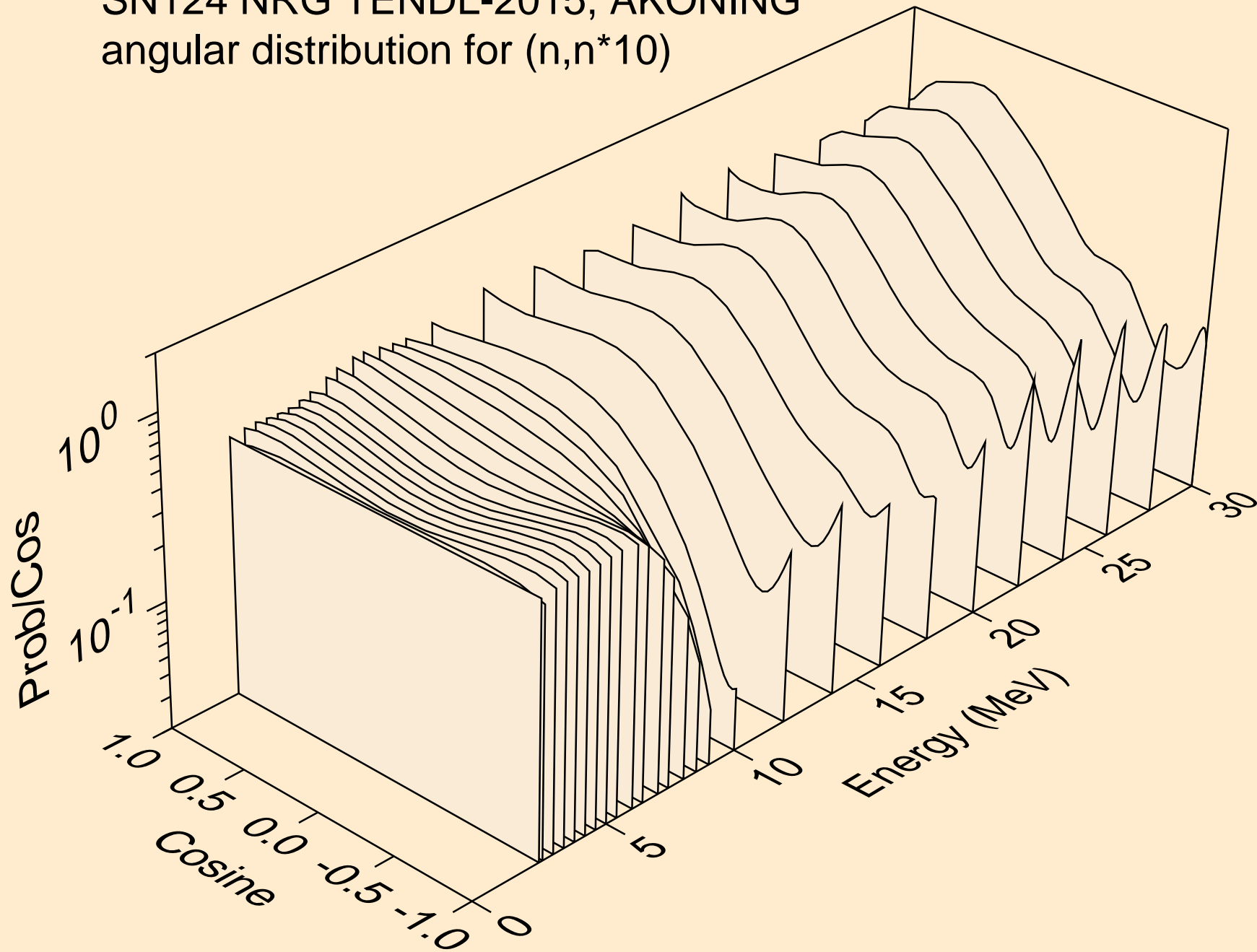
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



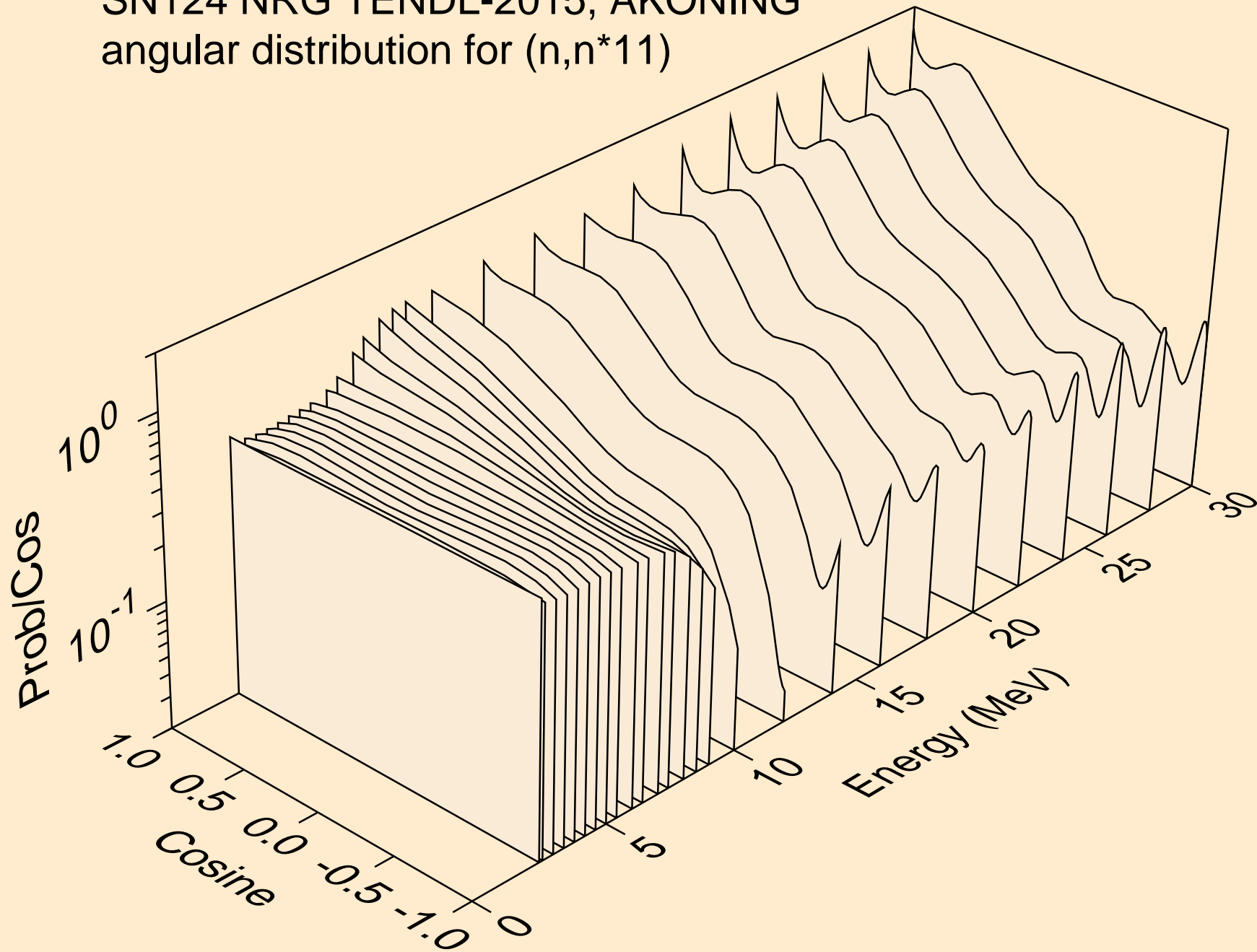
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



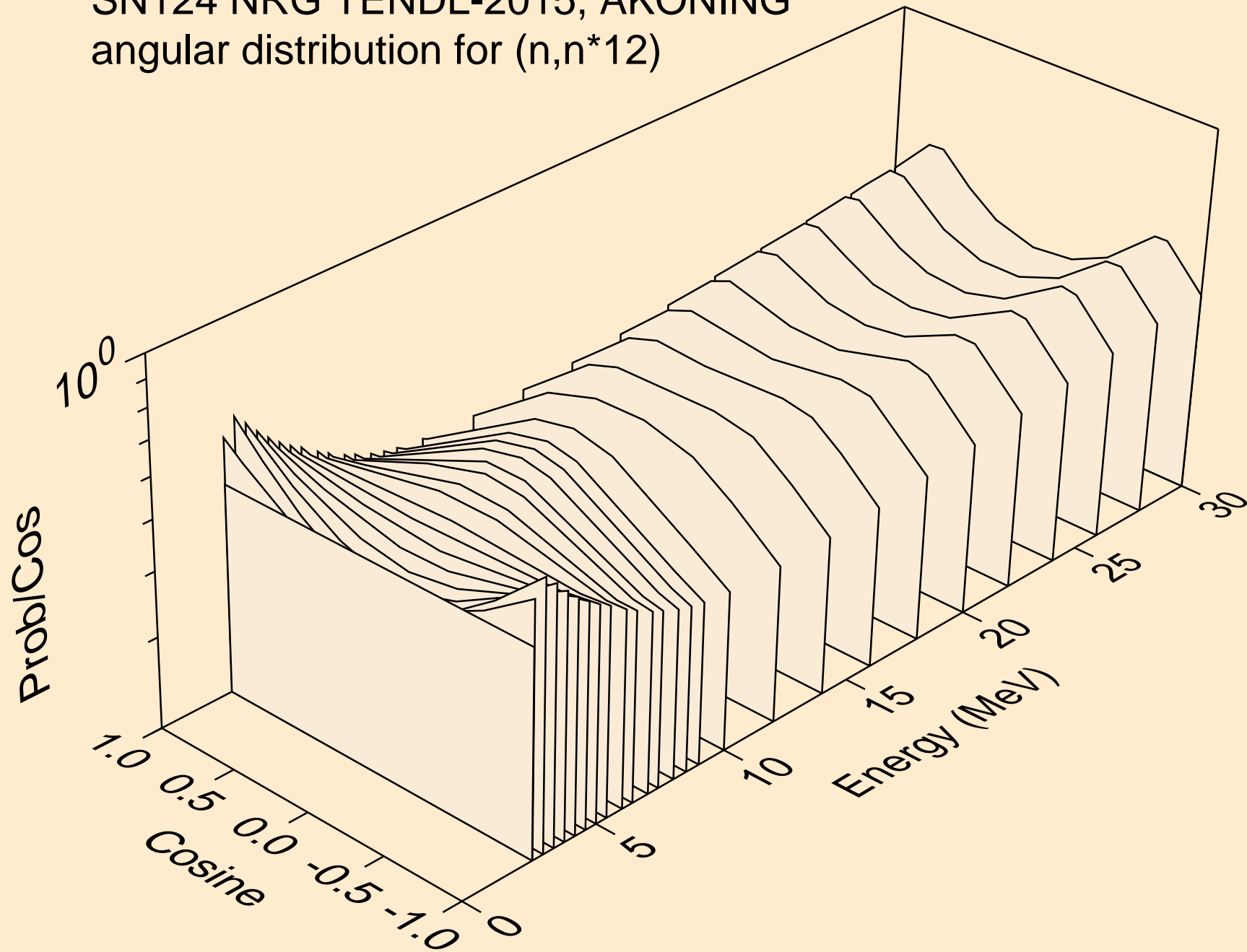
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

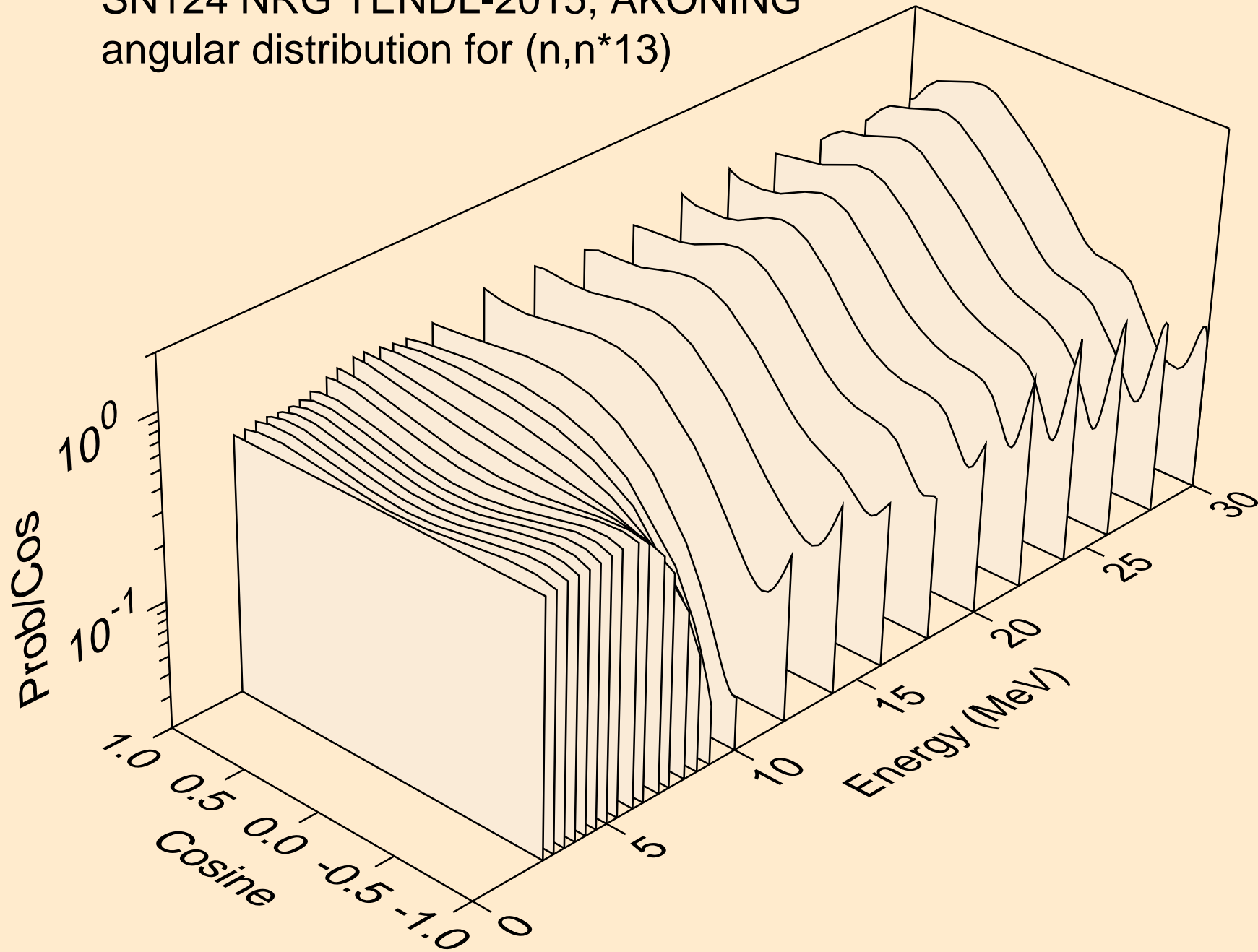


SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

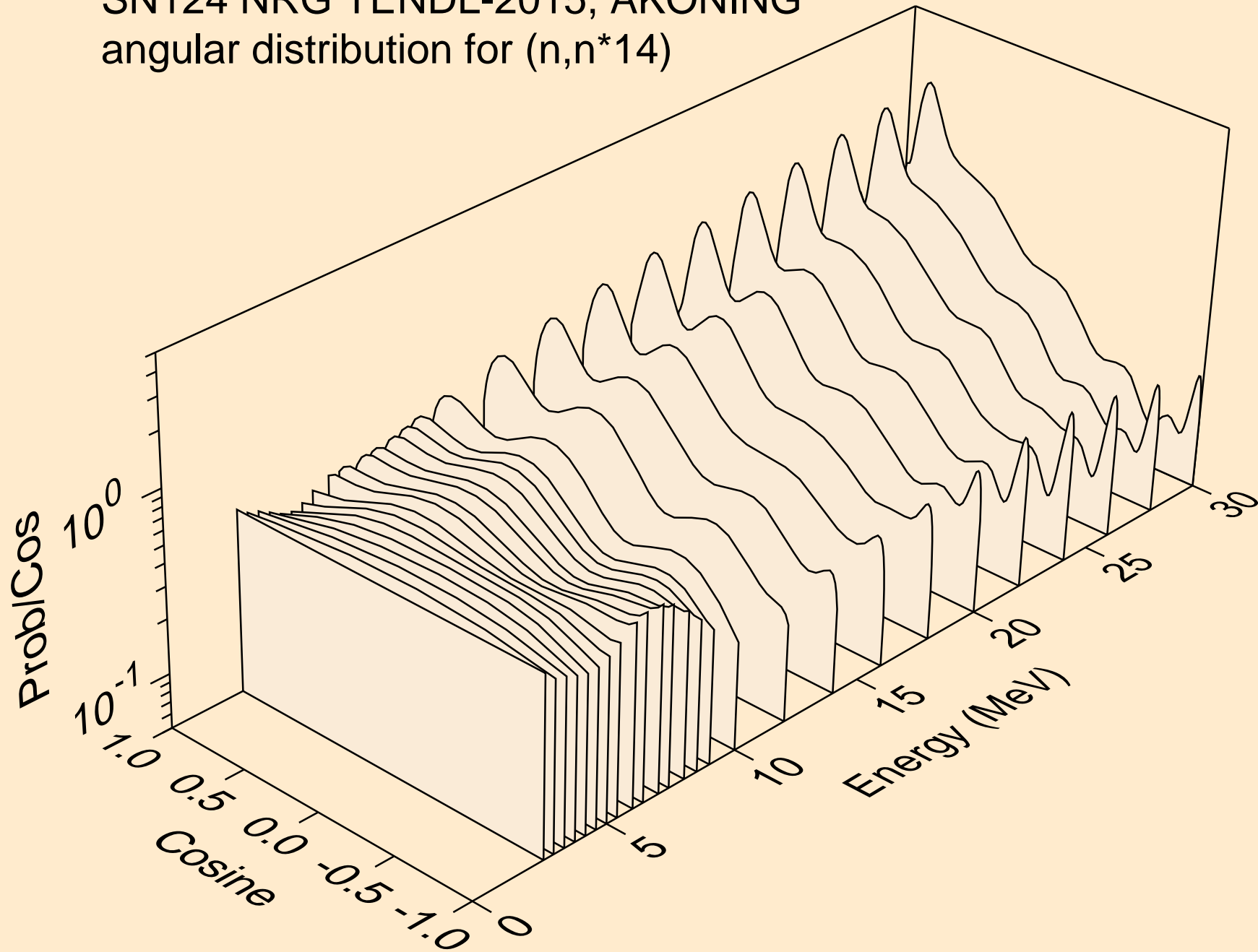




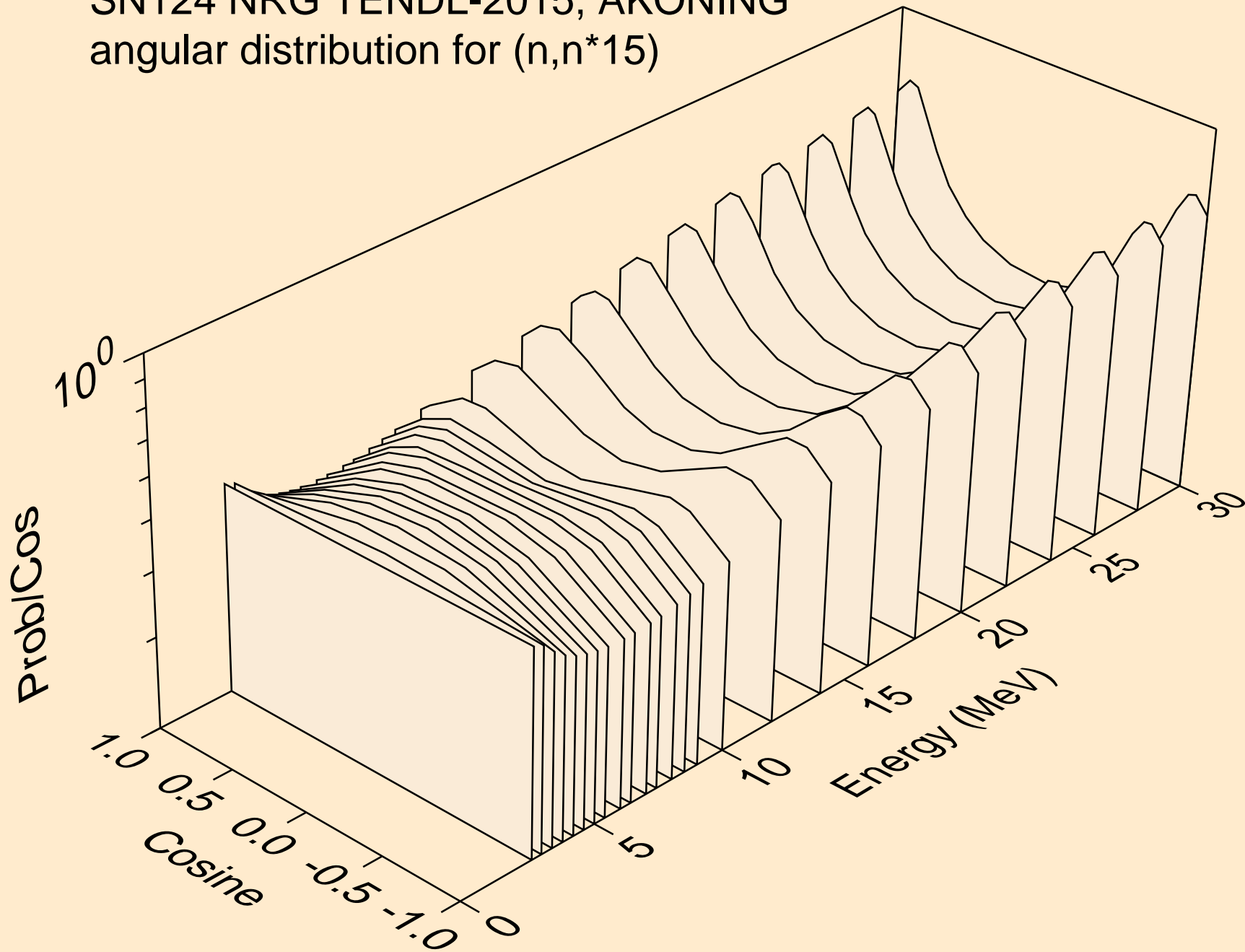
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



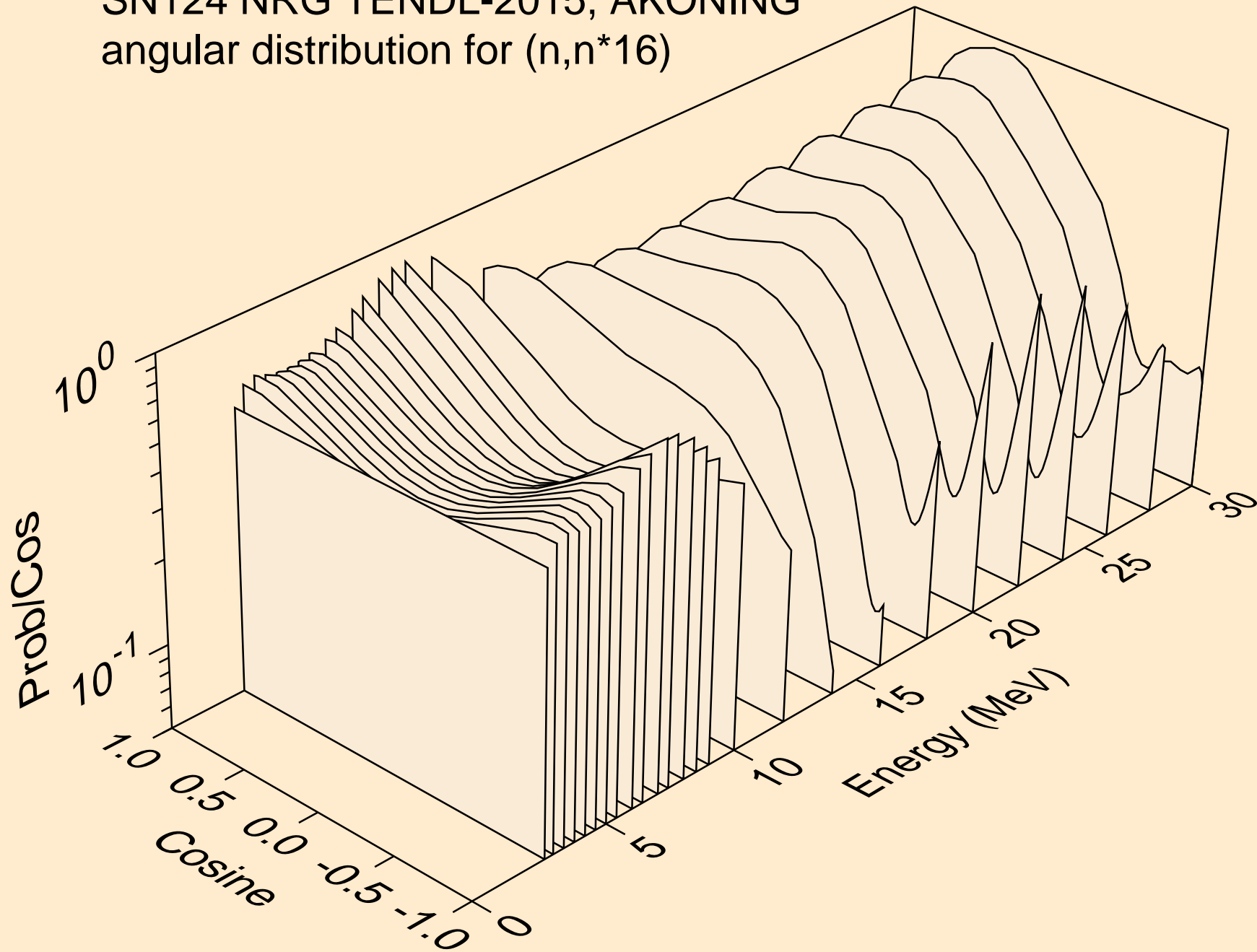
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



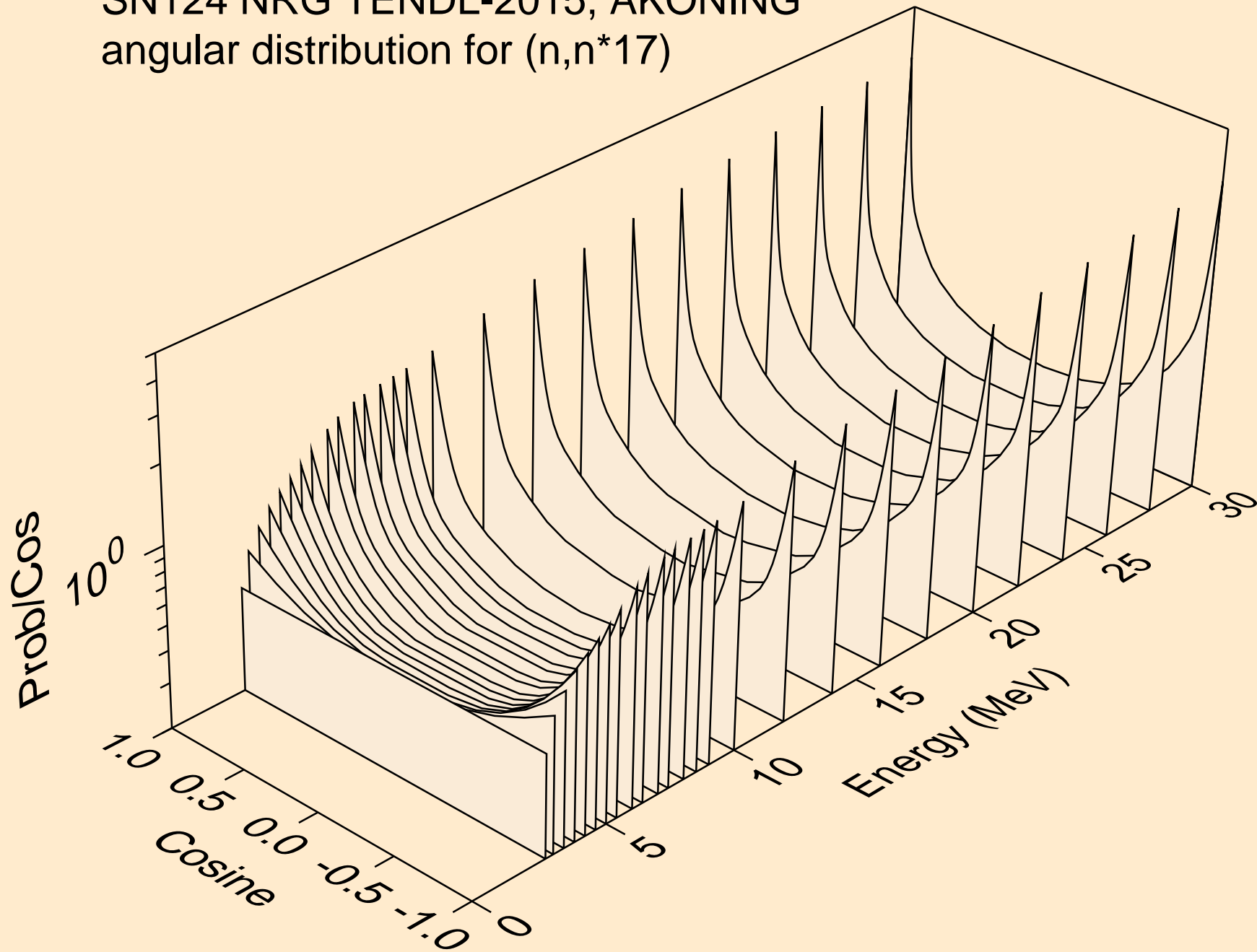
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



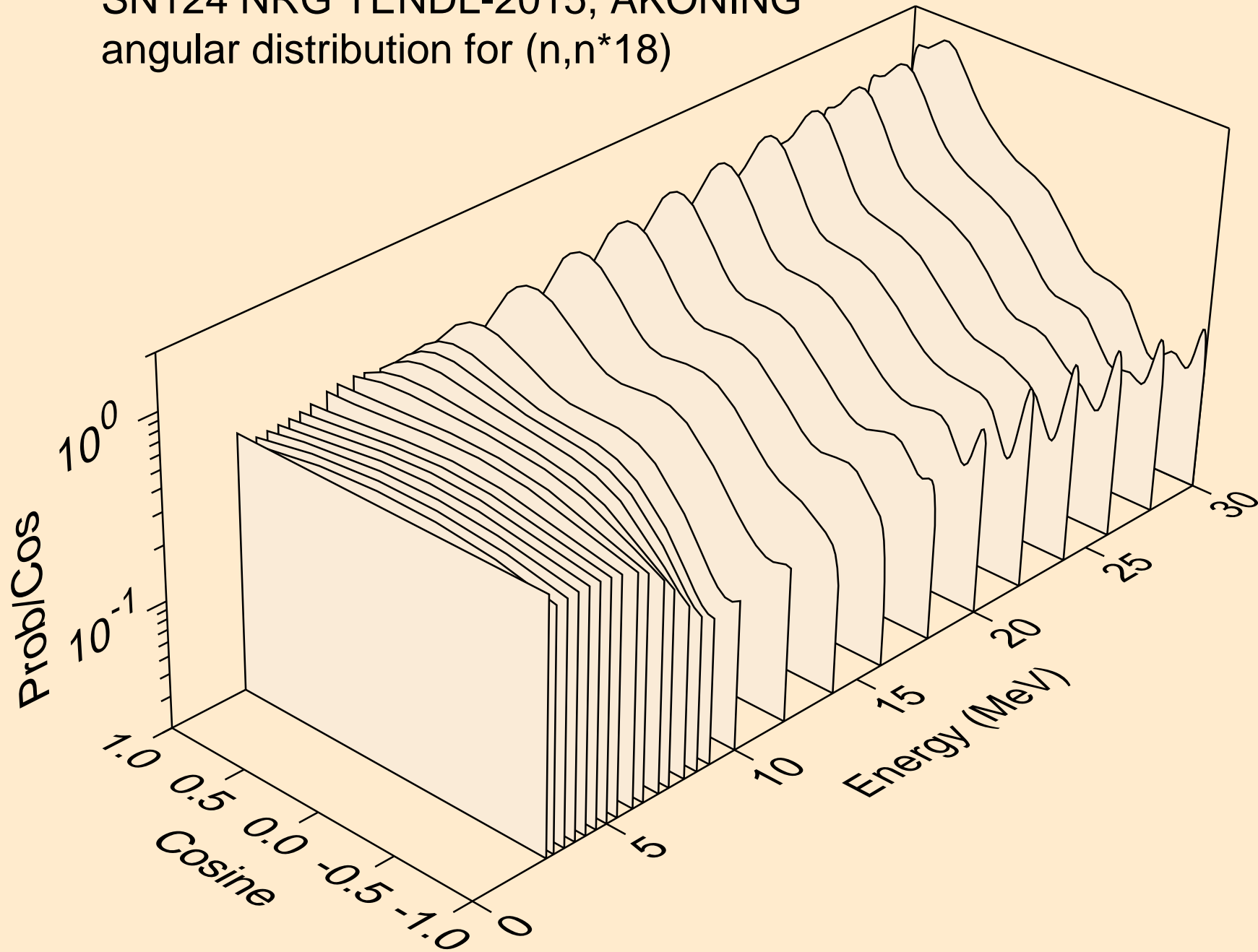
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



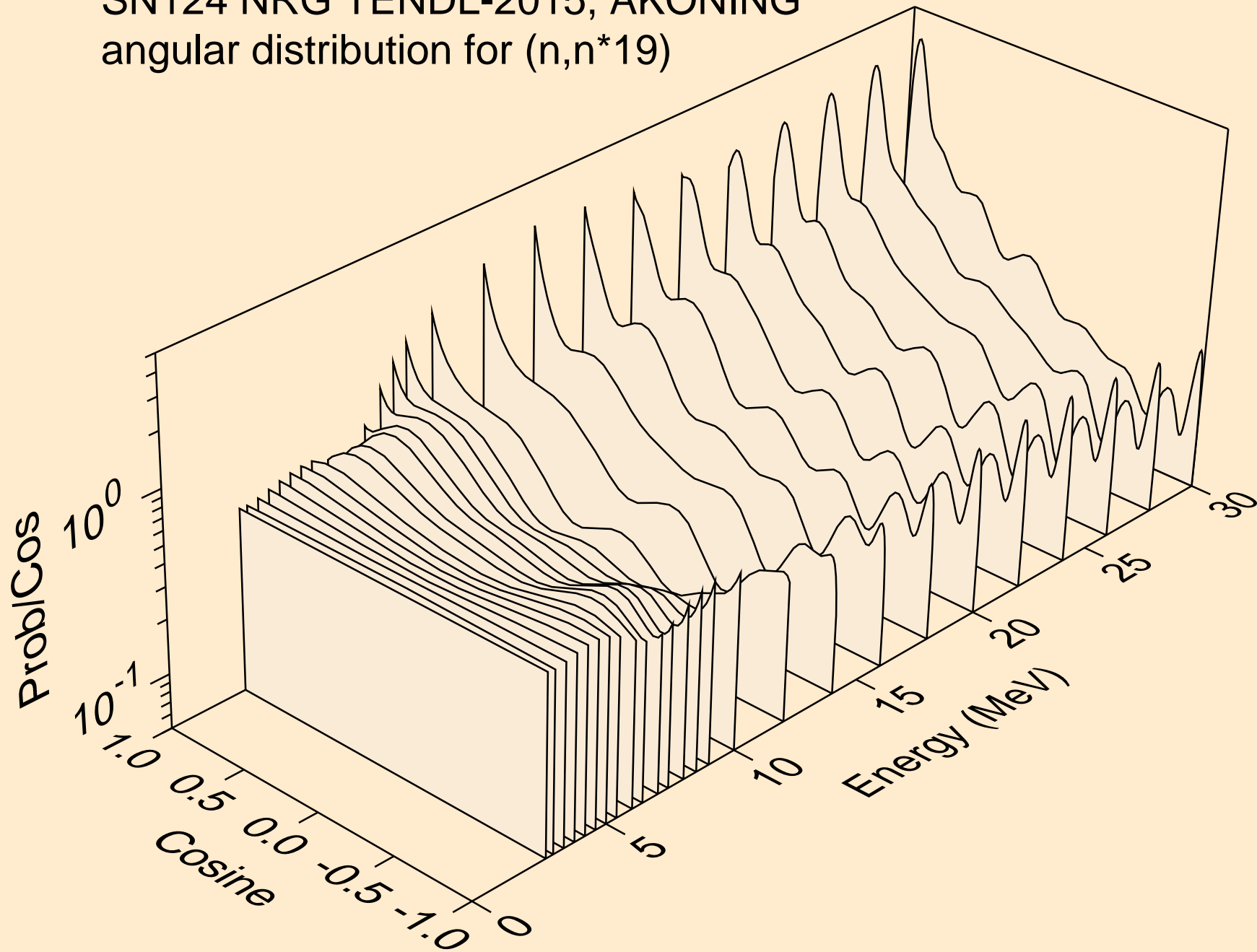
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



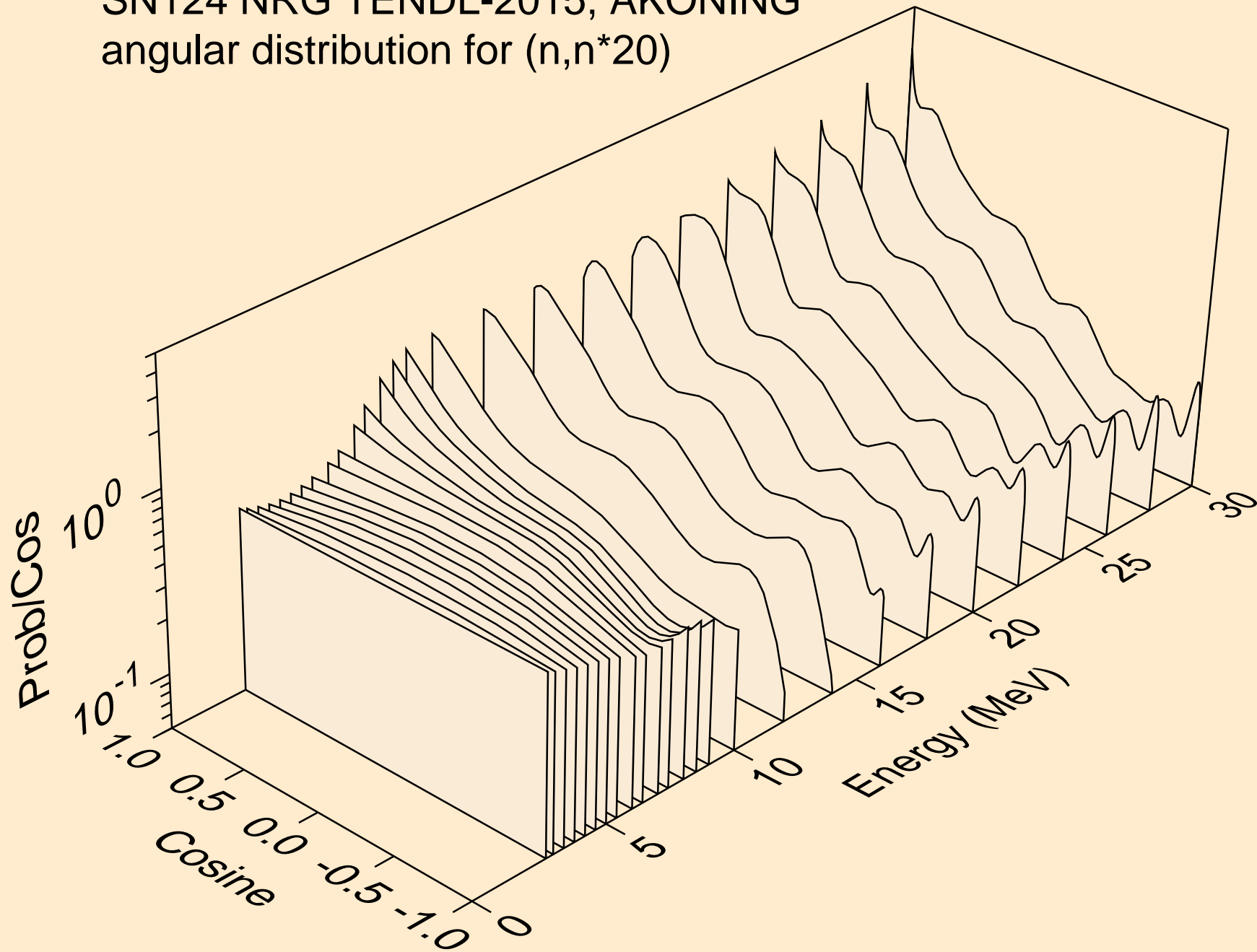
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

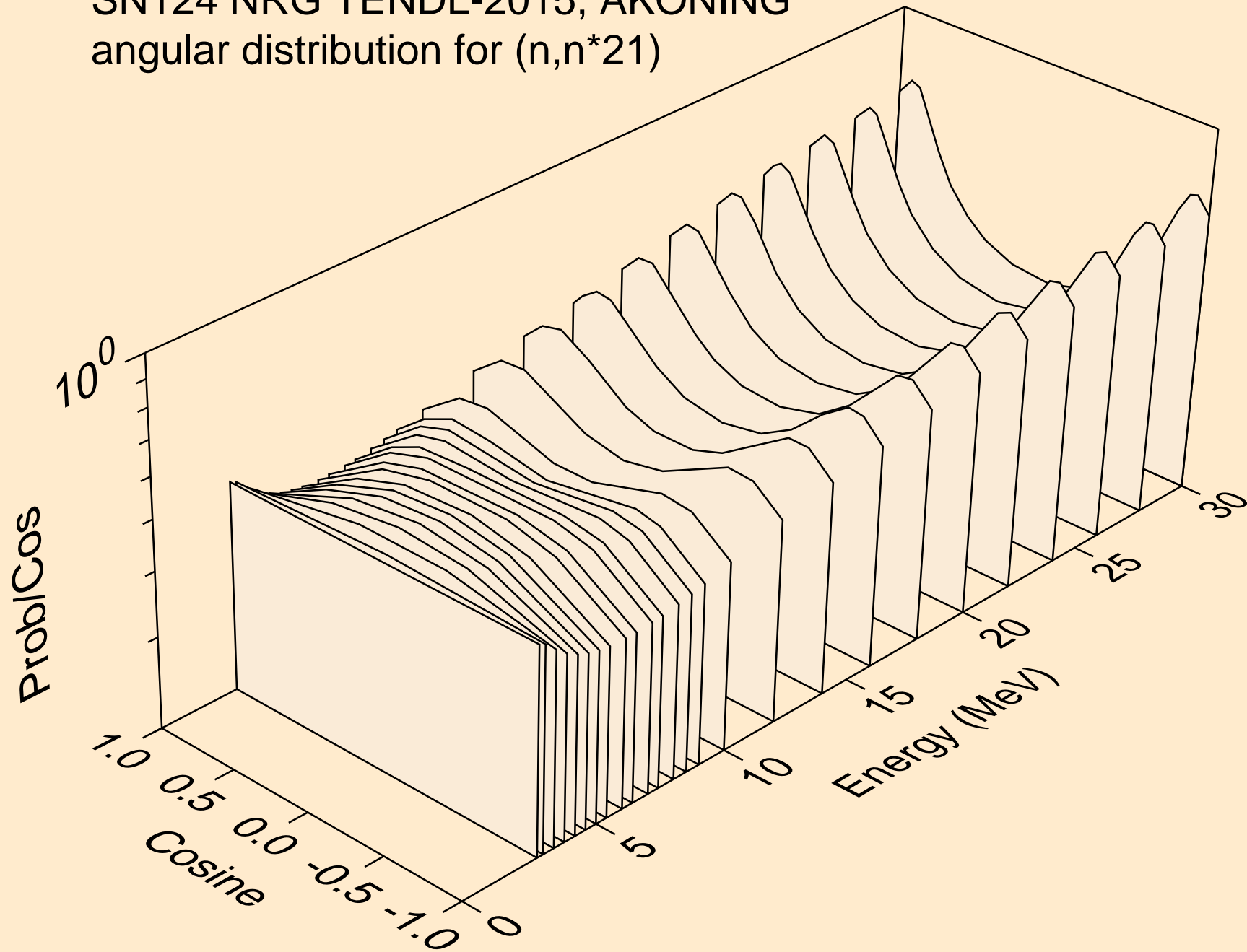


SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

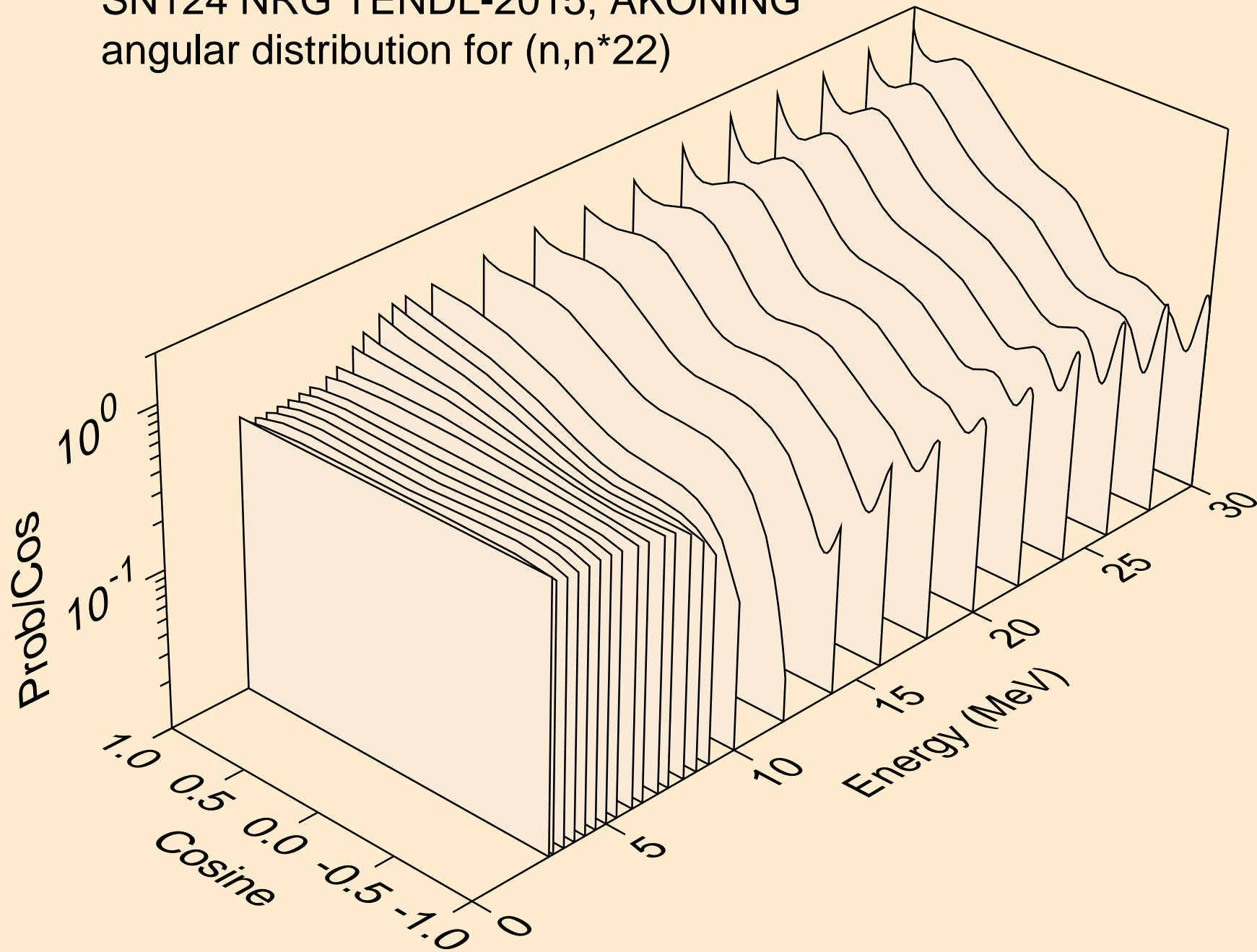




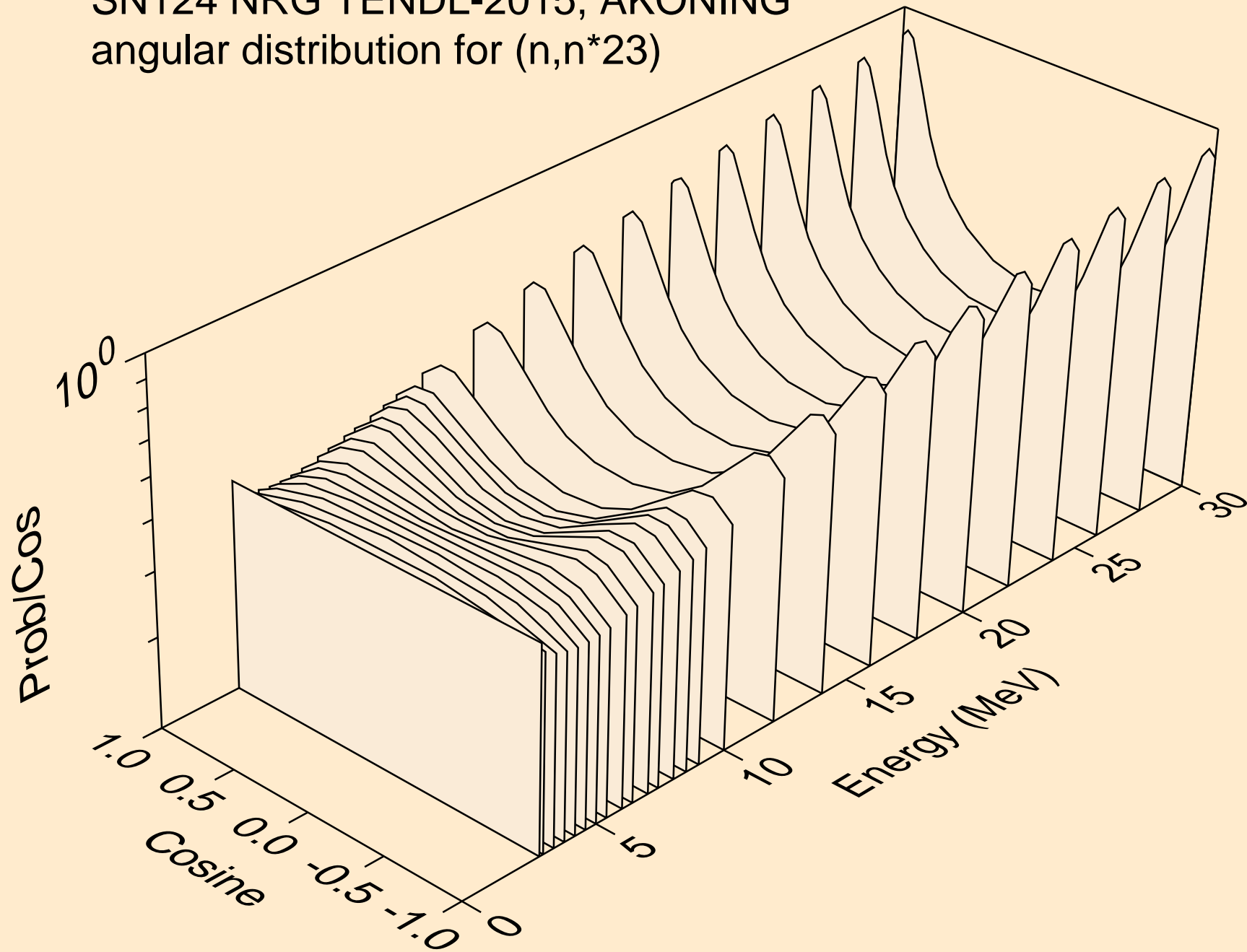
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



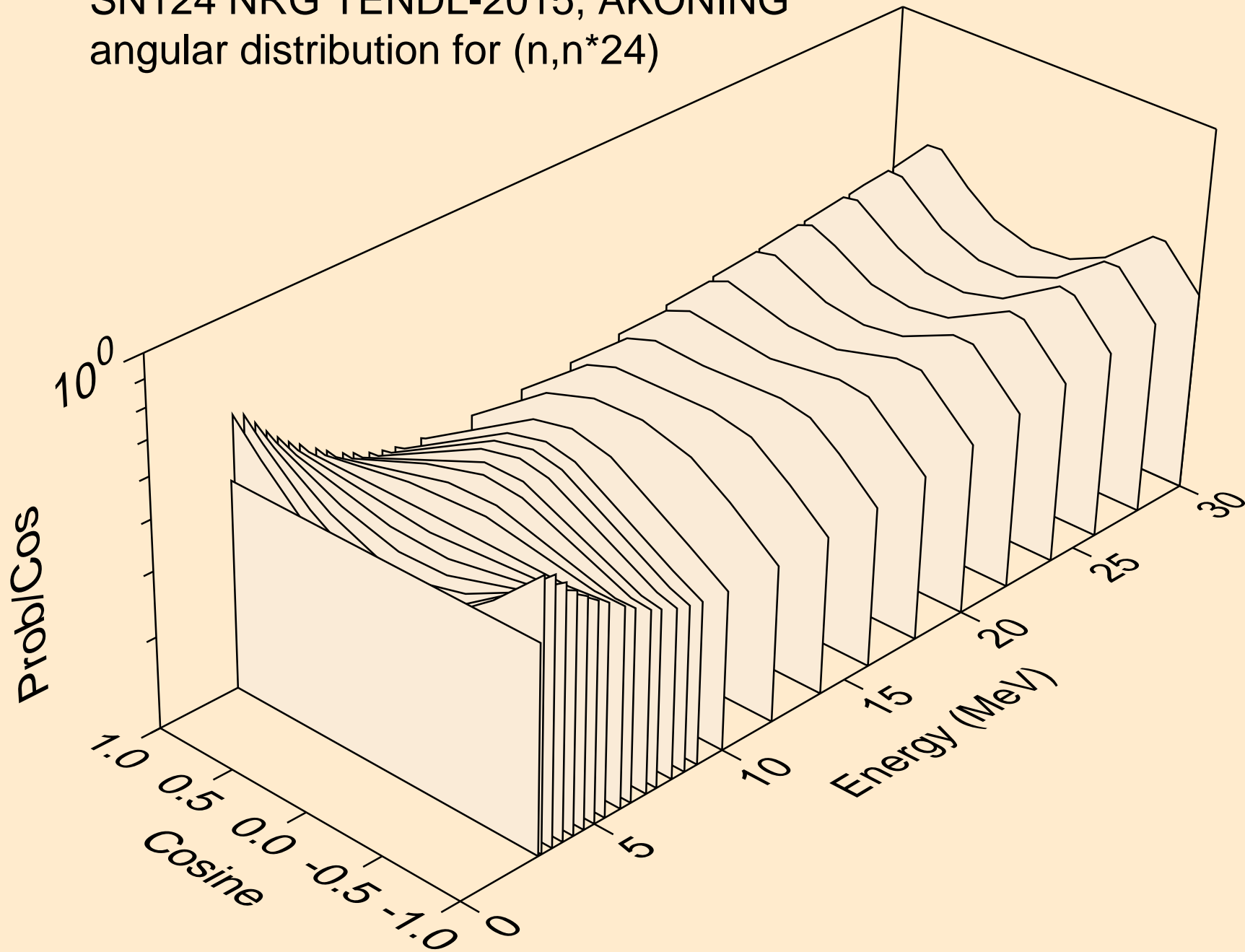
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



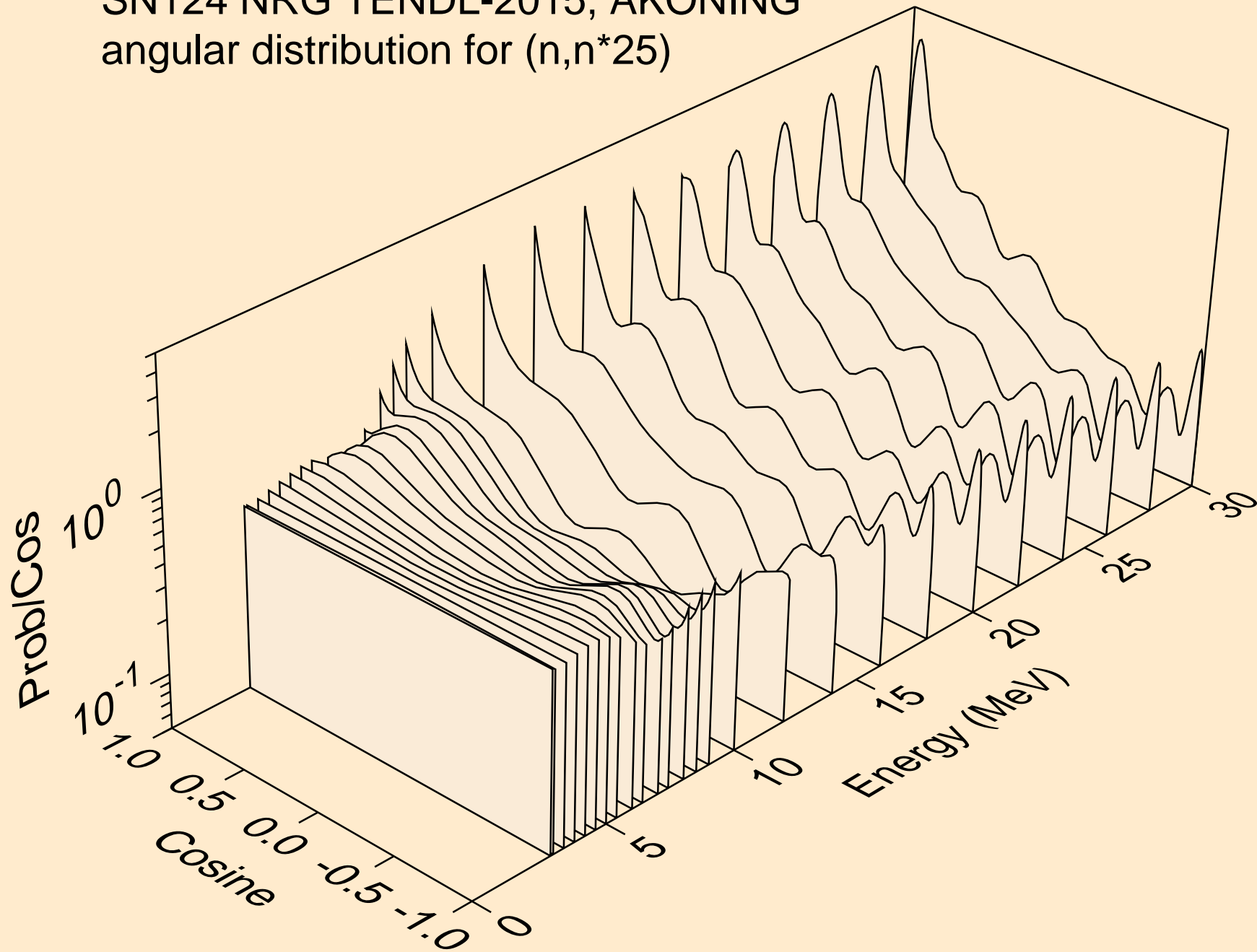
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



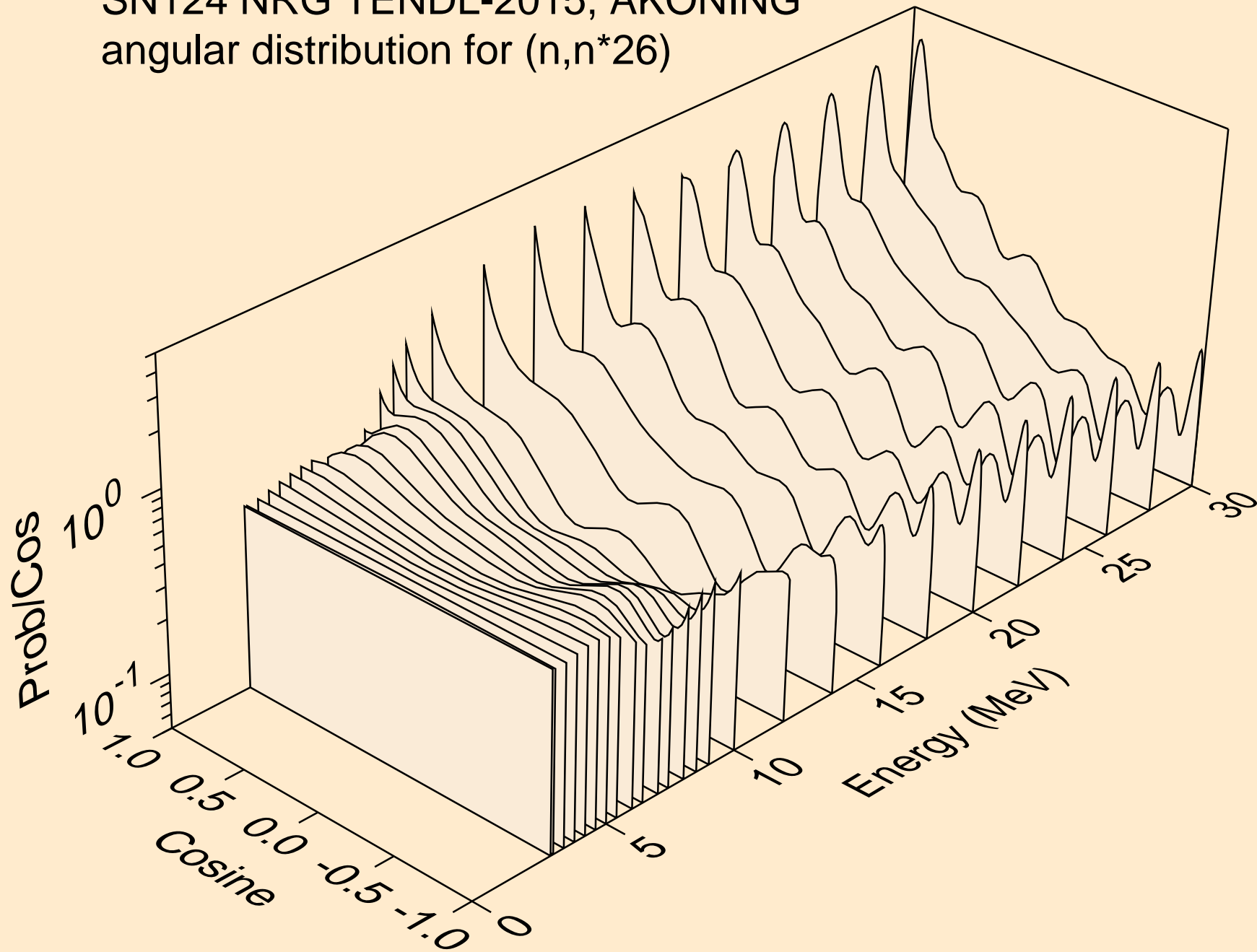
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



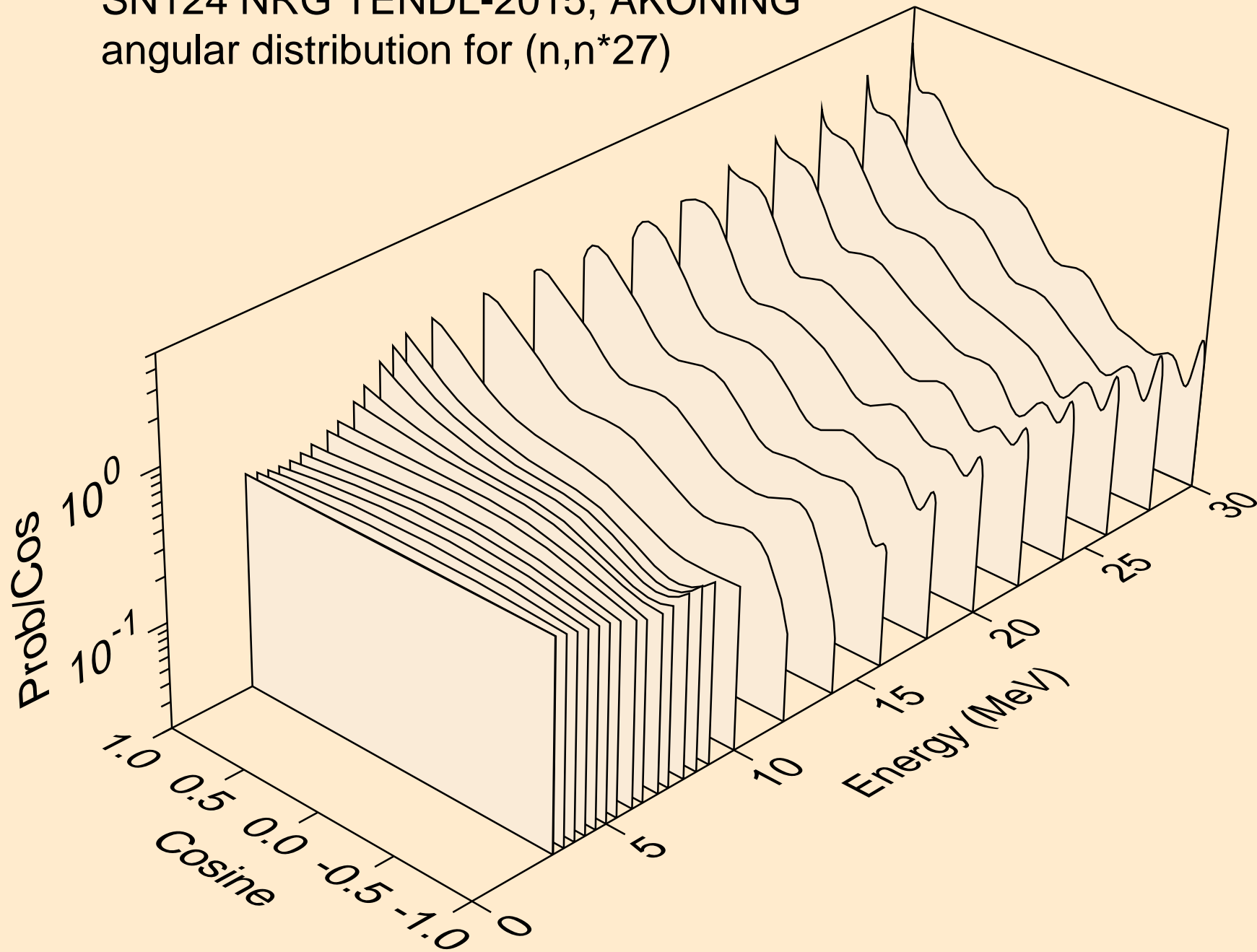
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



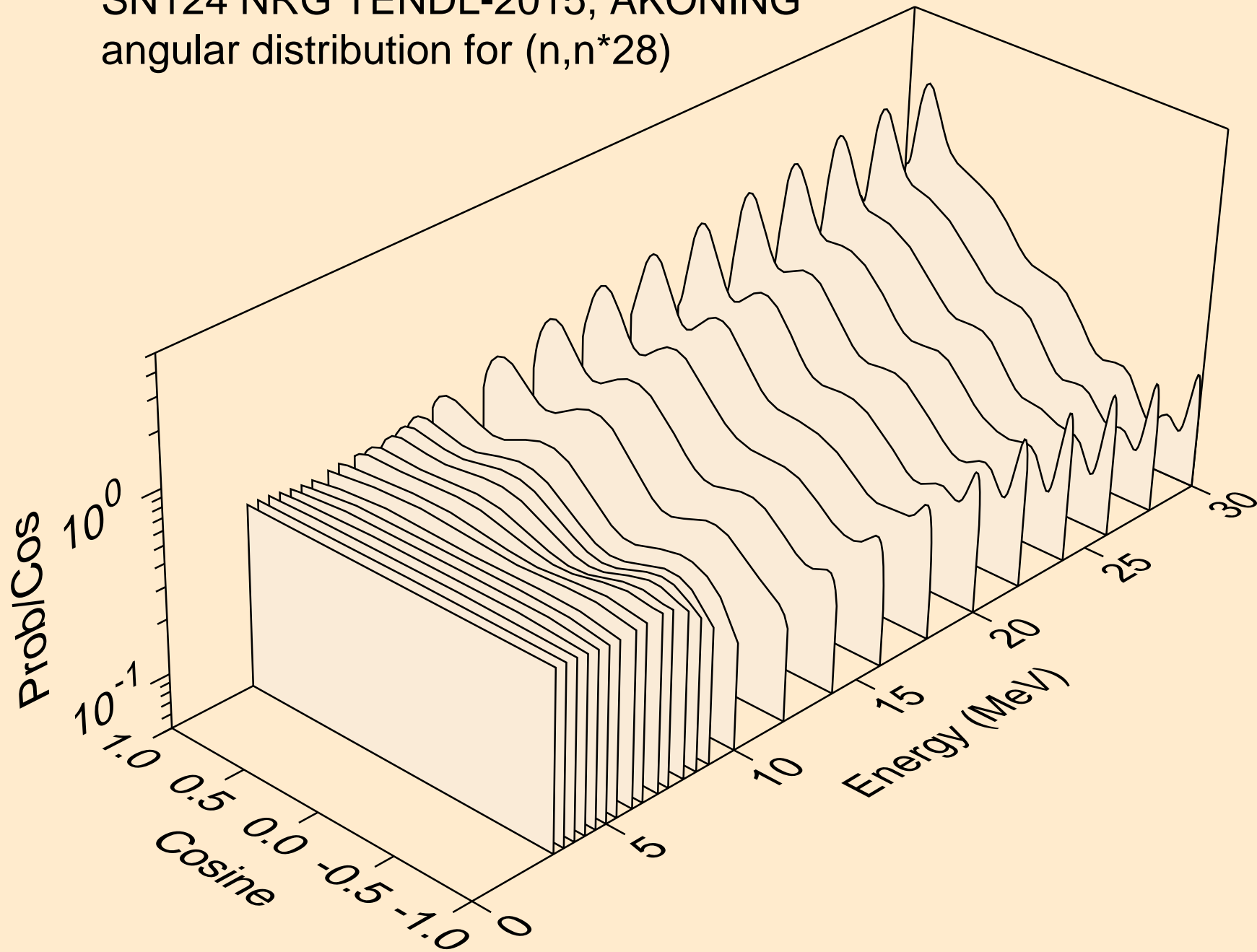
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

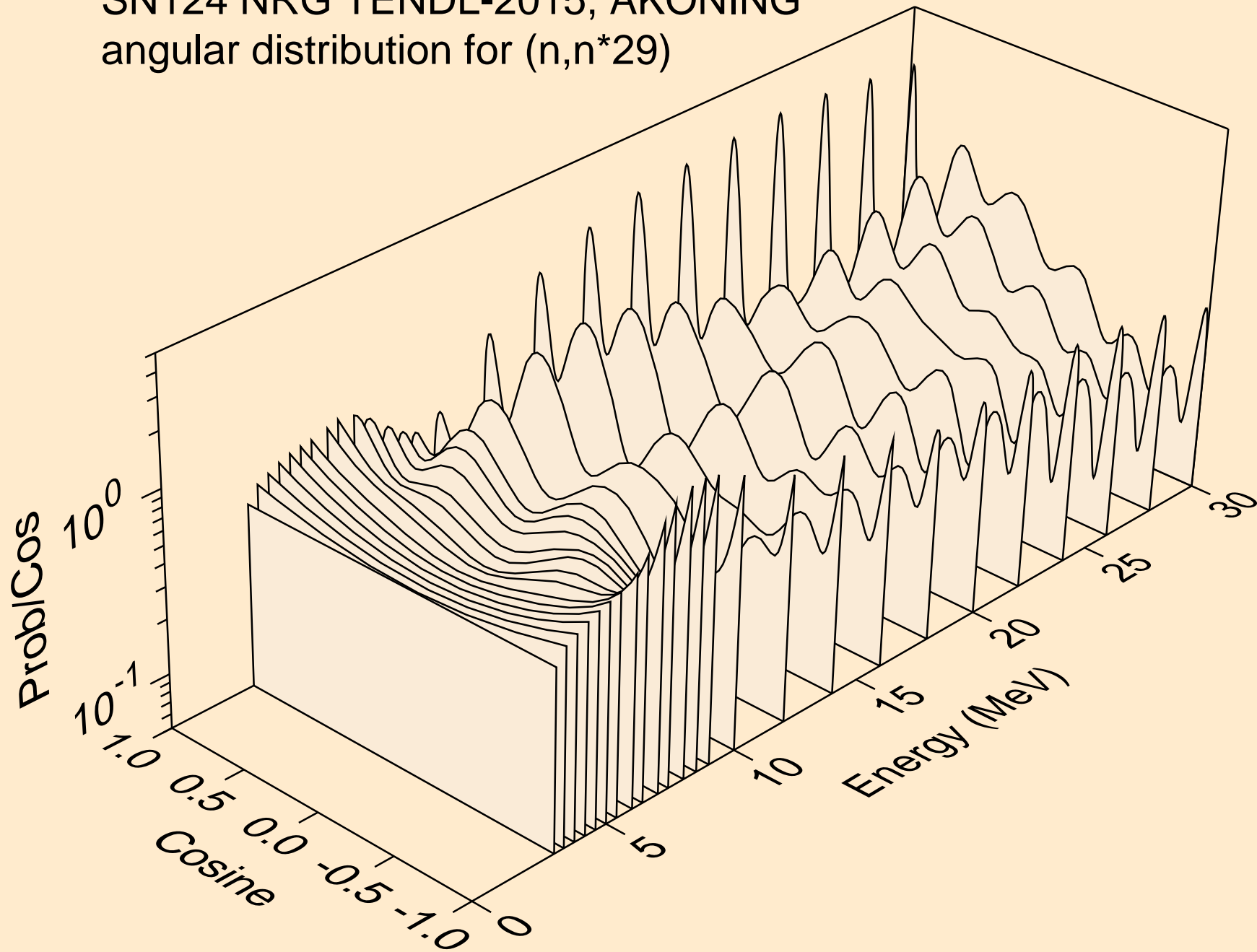


SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

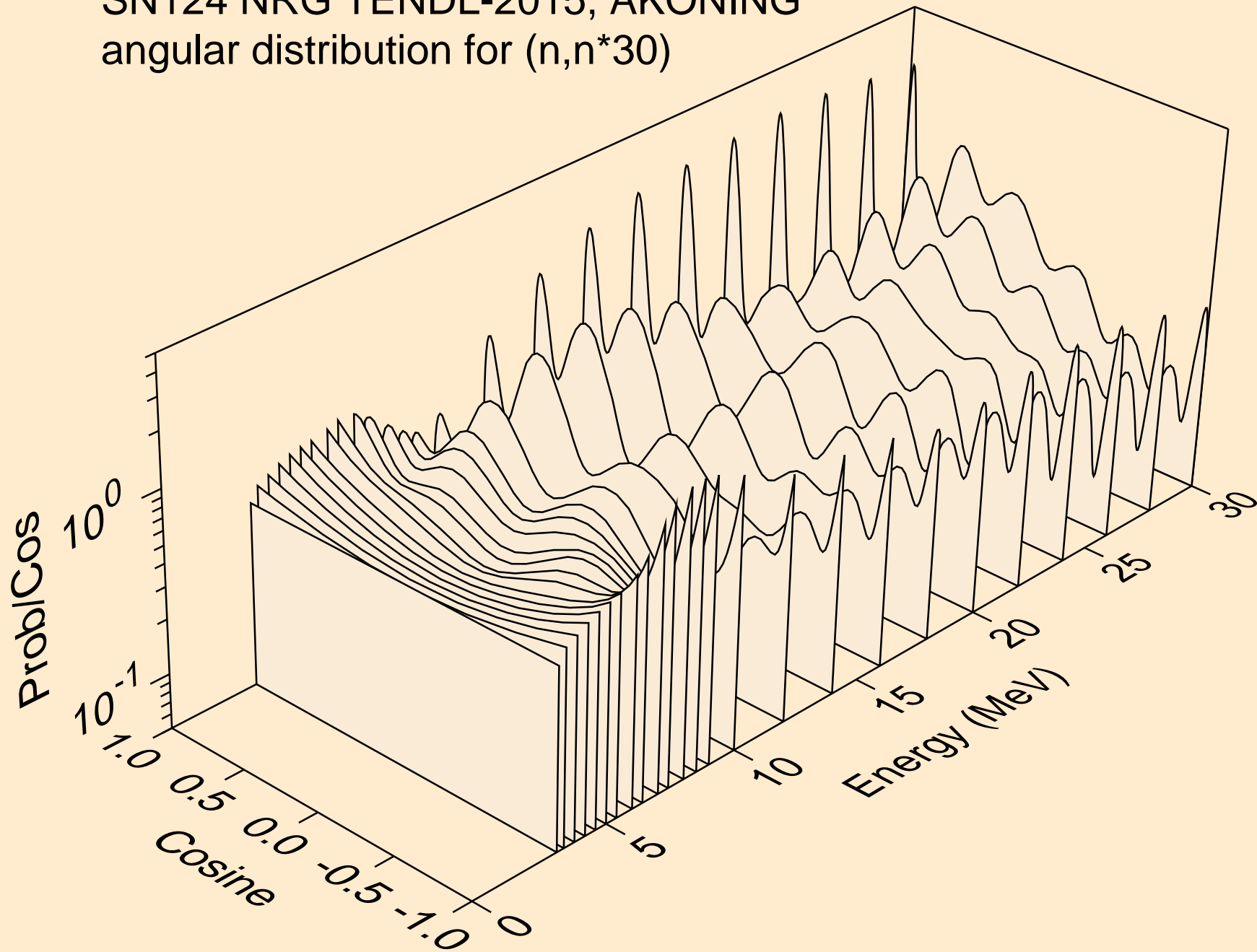




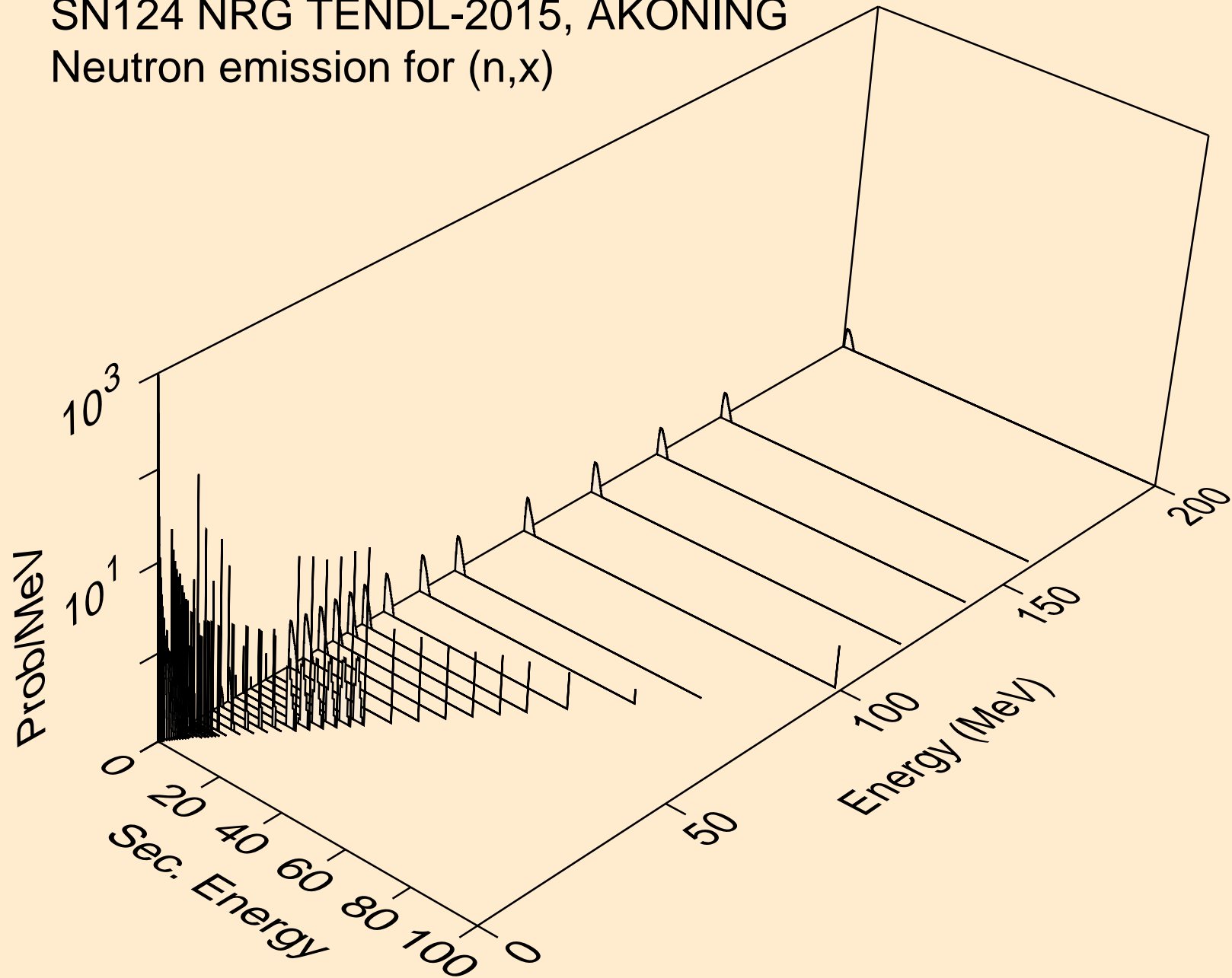
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



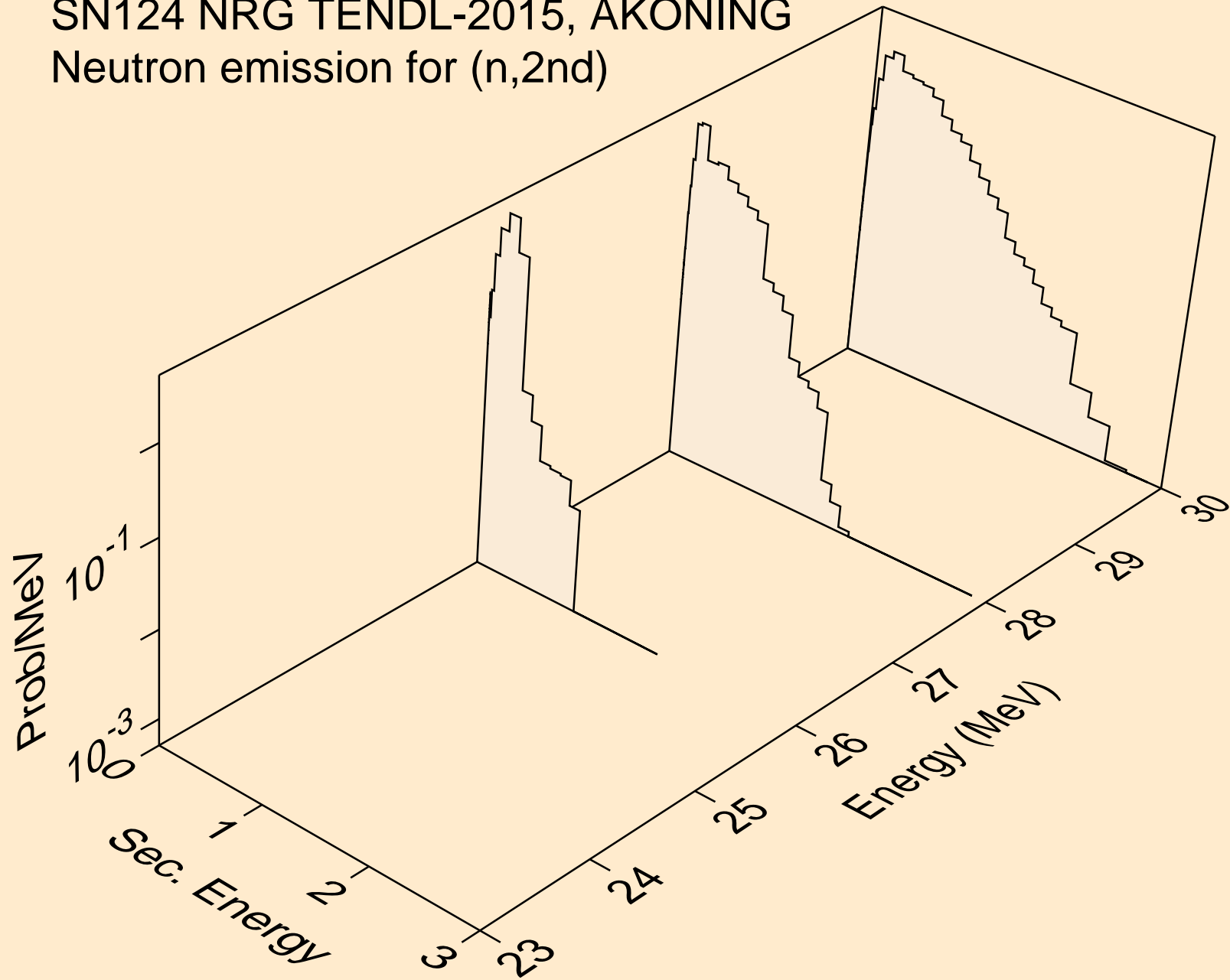
SN124 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



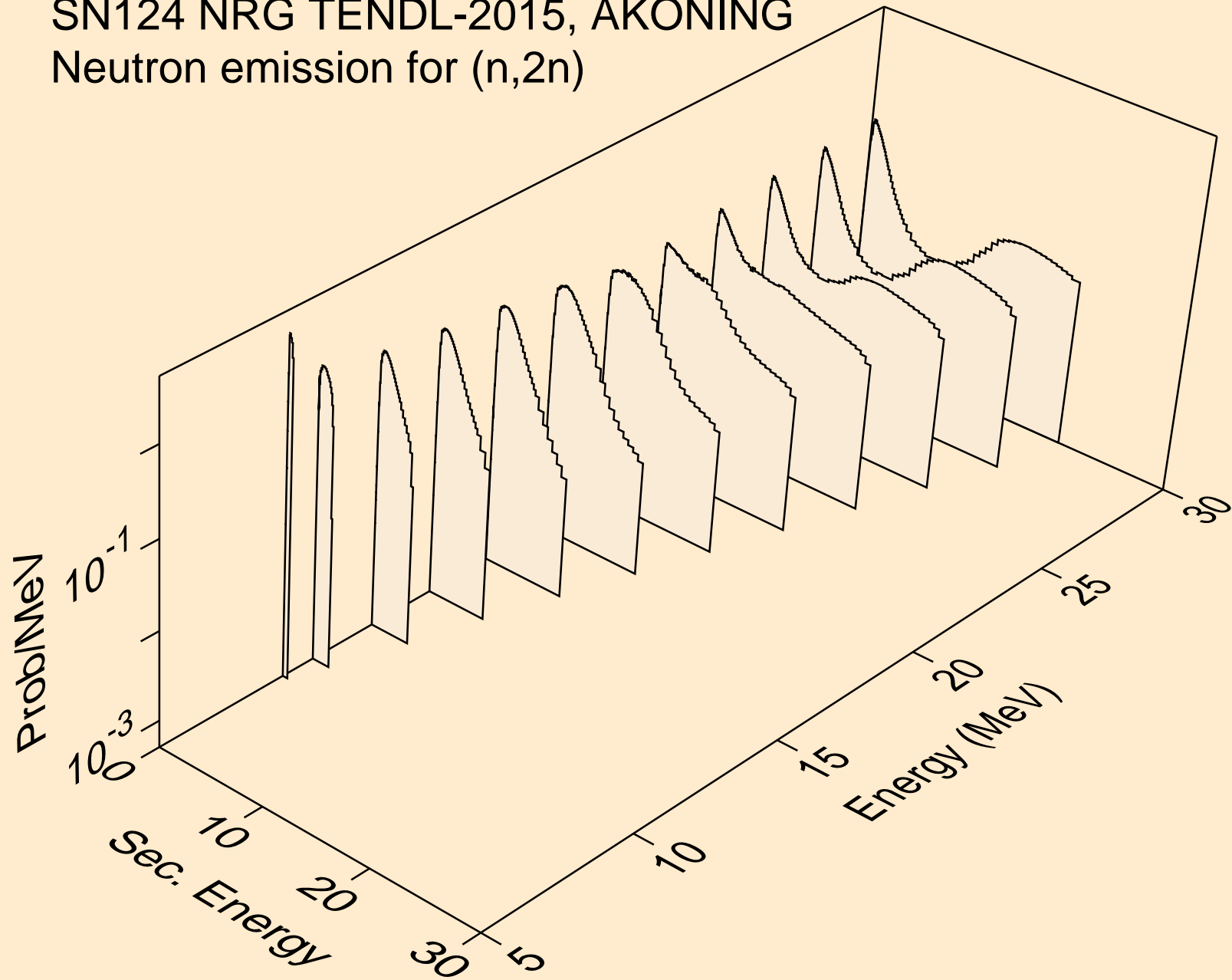
SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



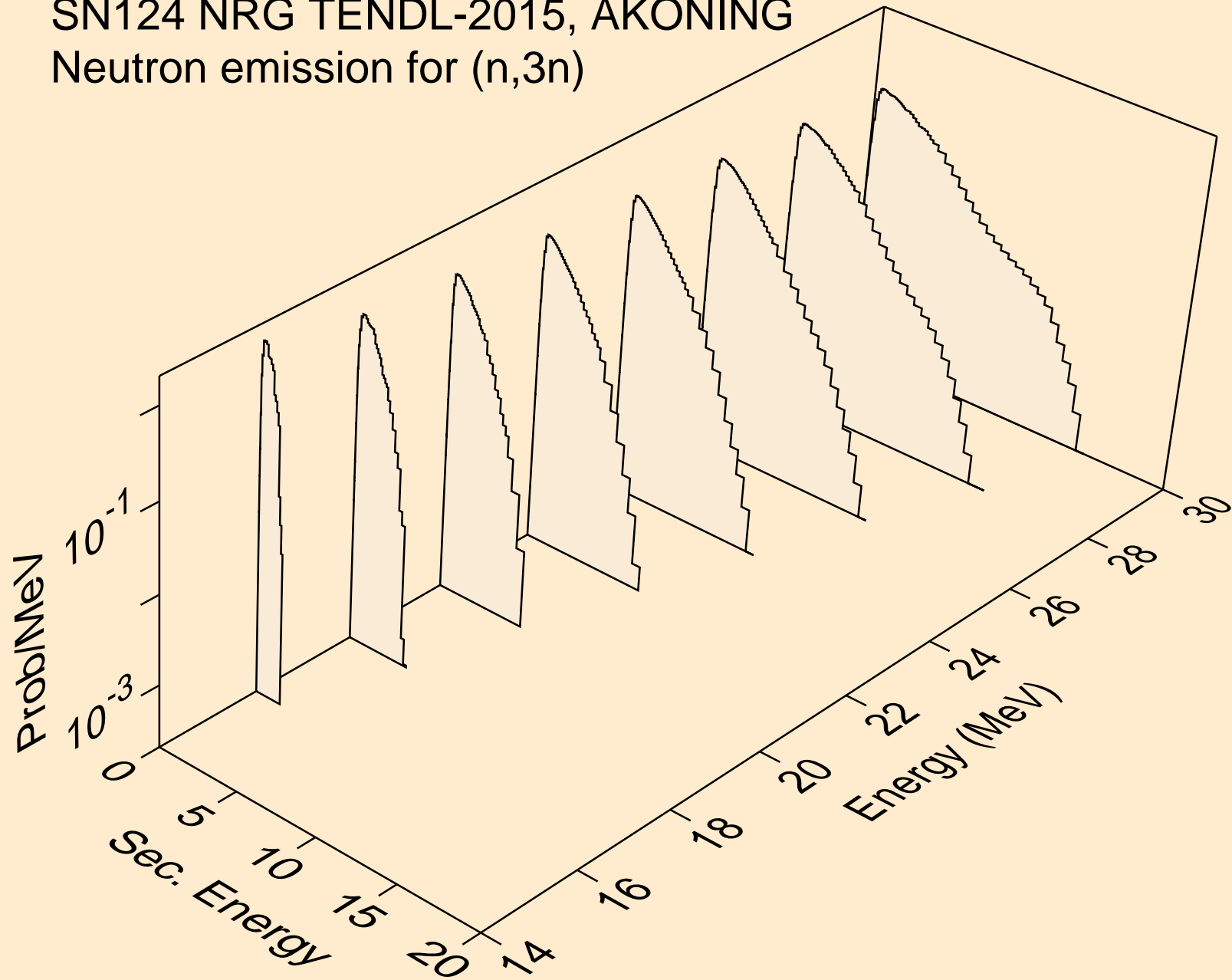
SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



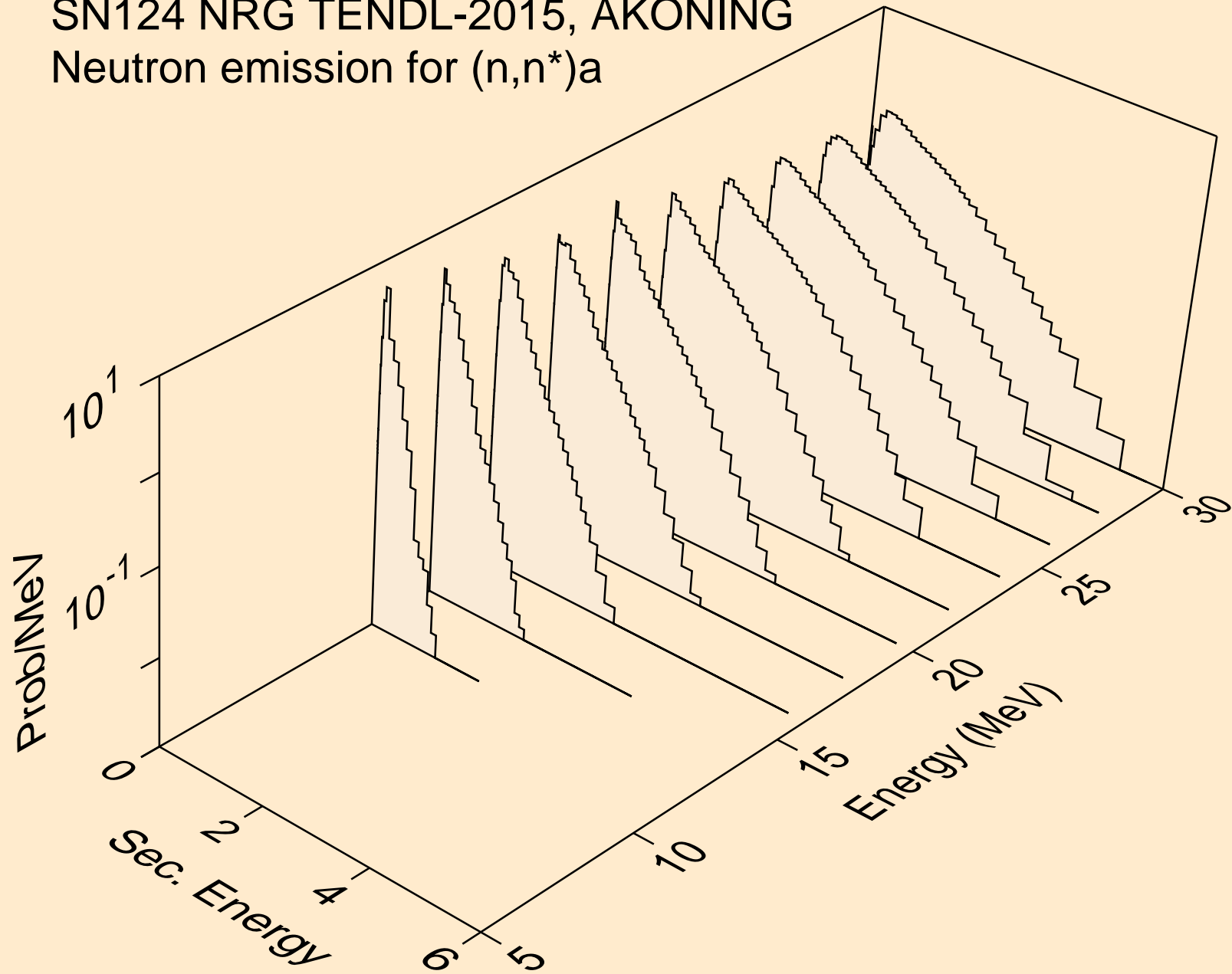
SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



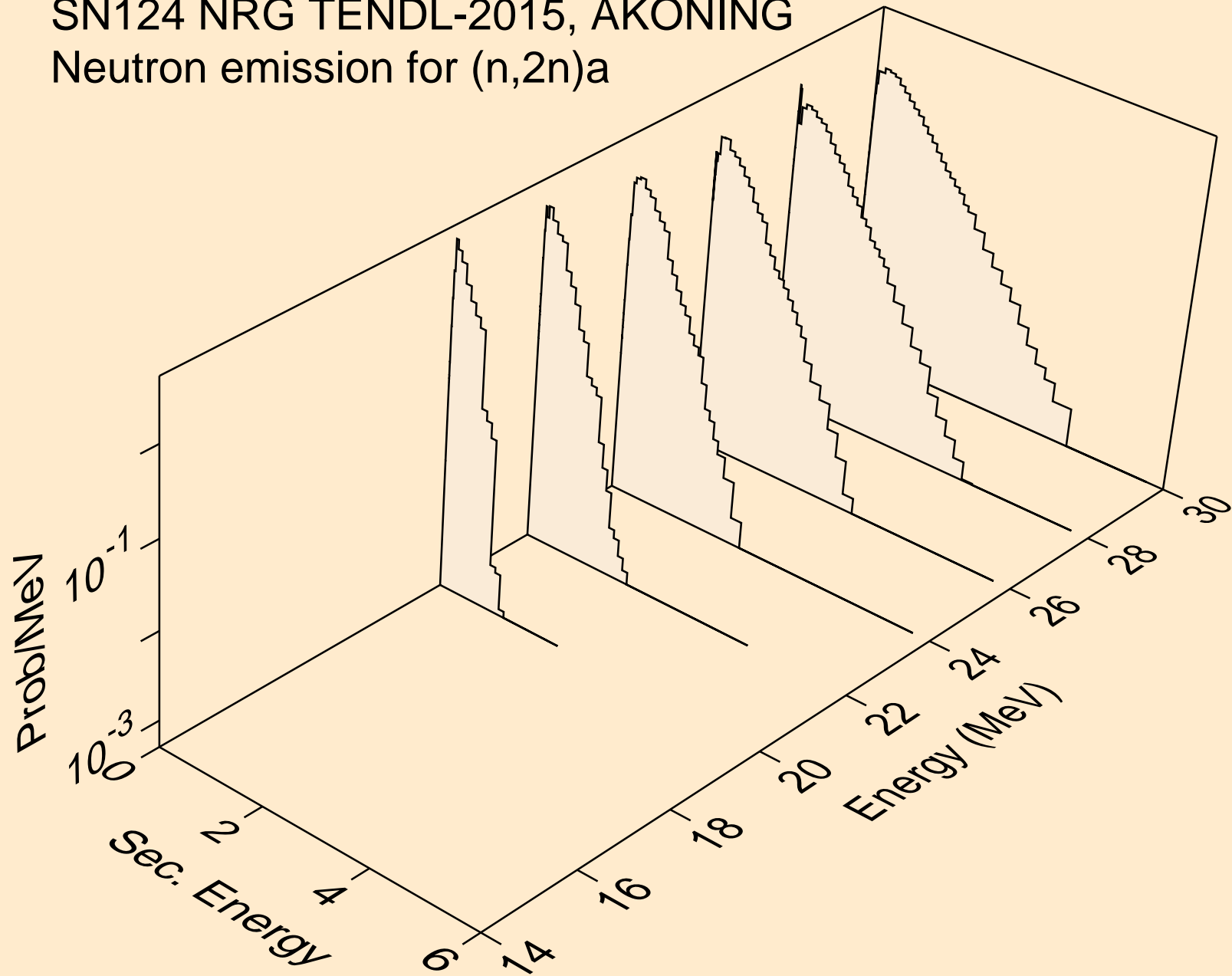
SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

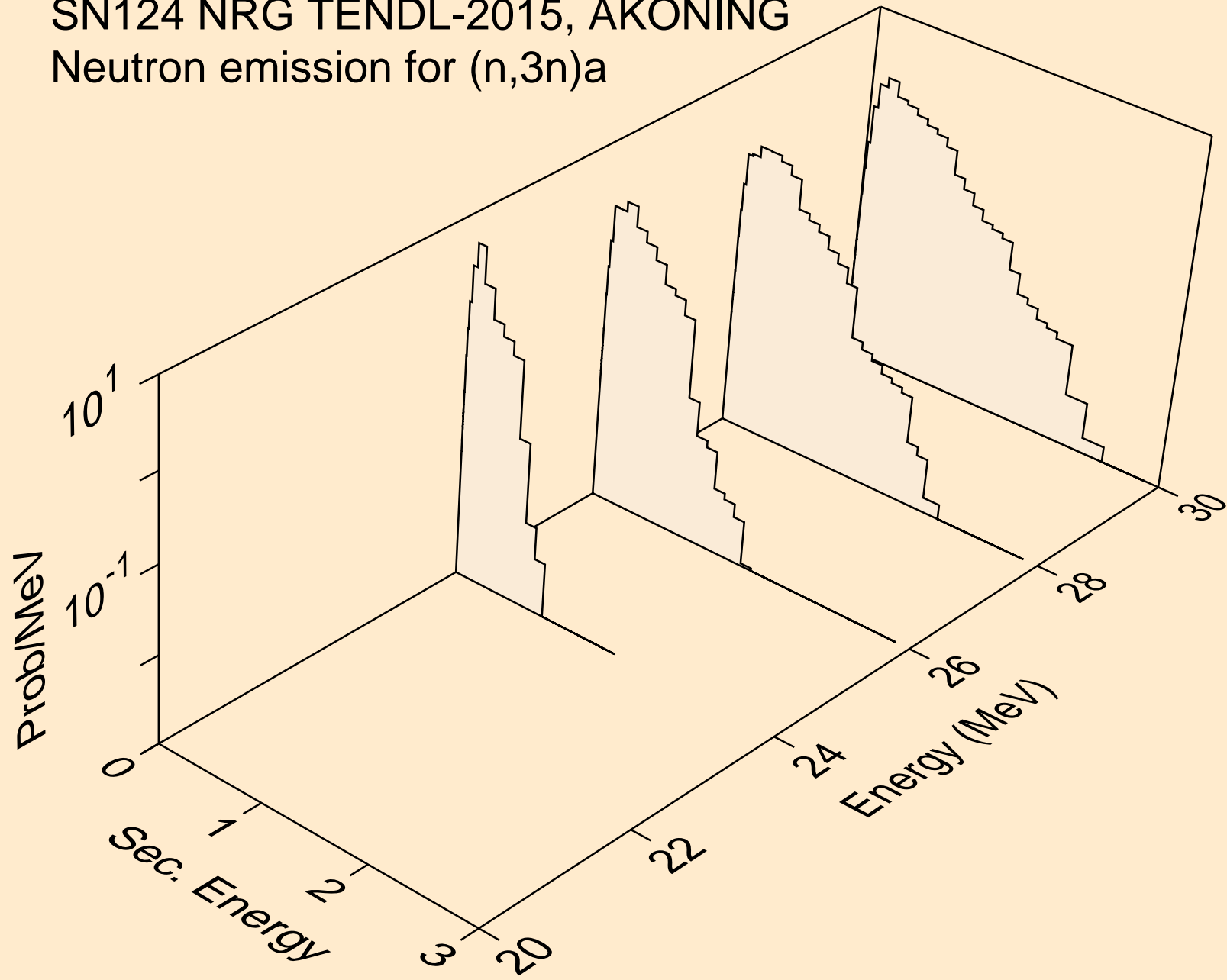


SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

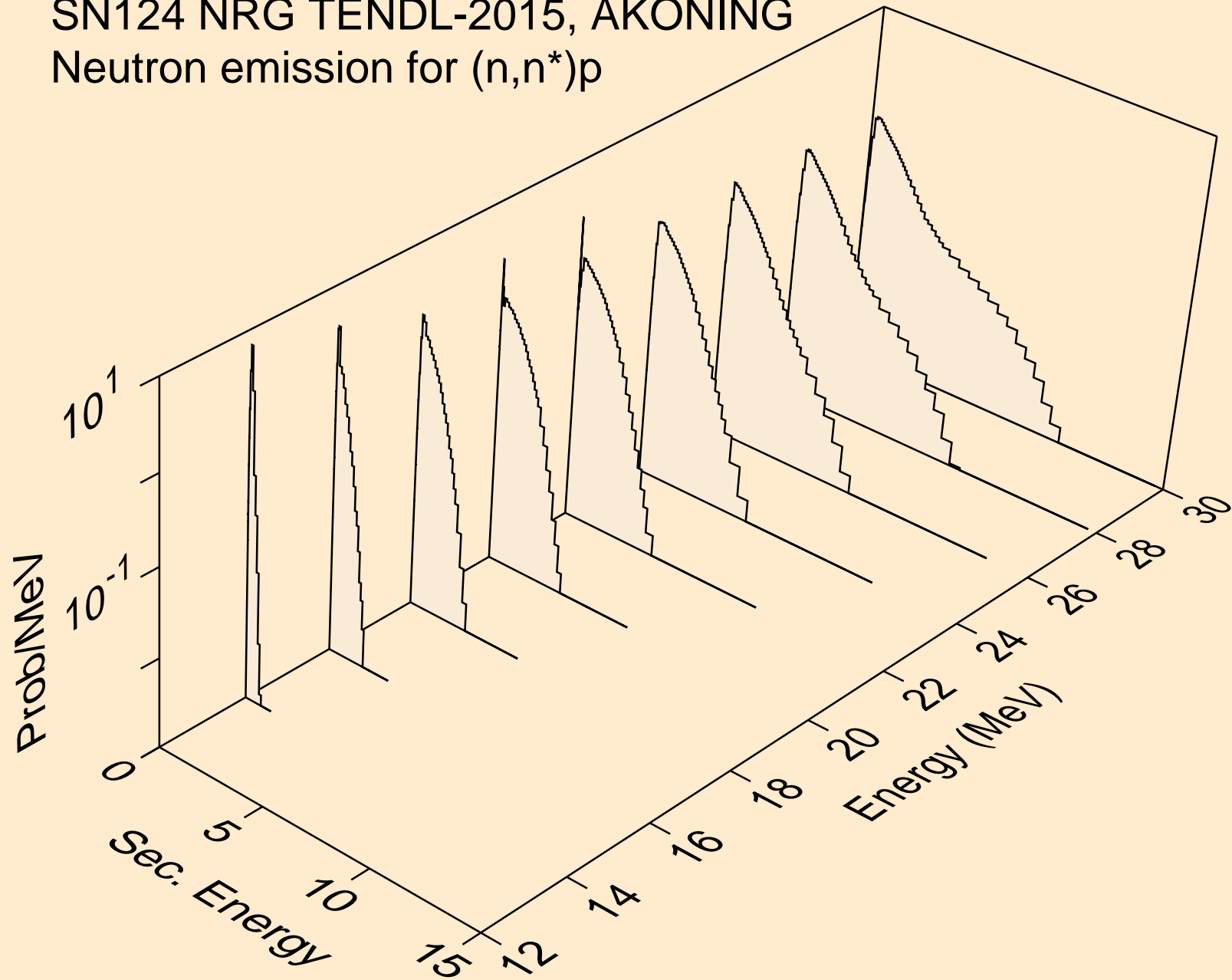




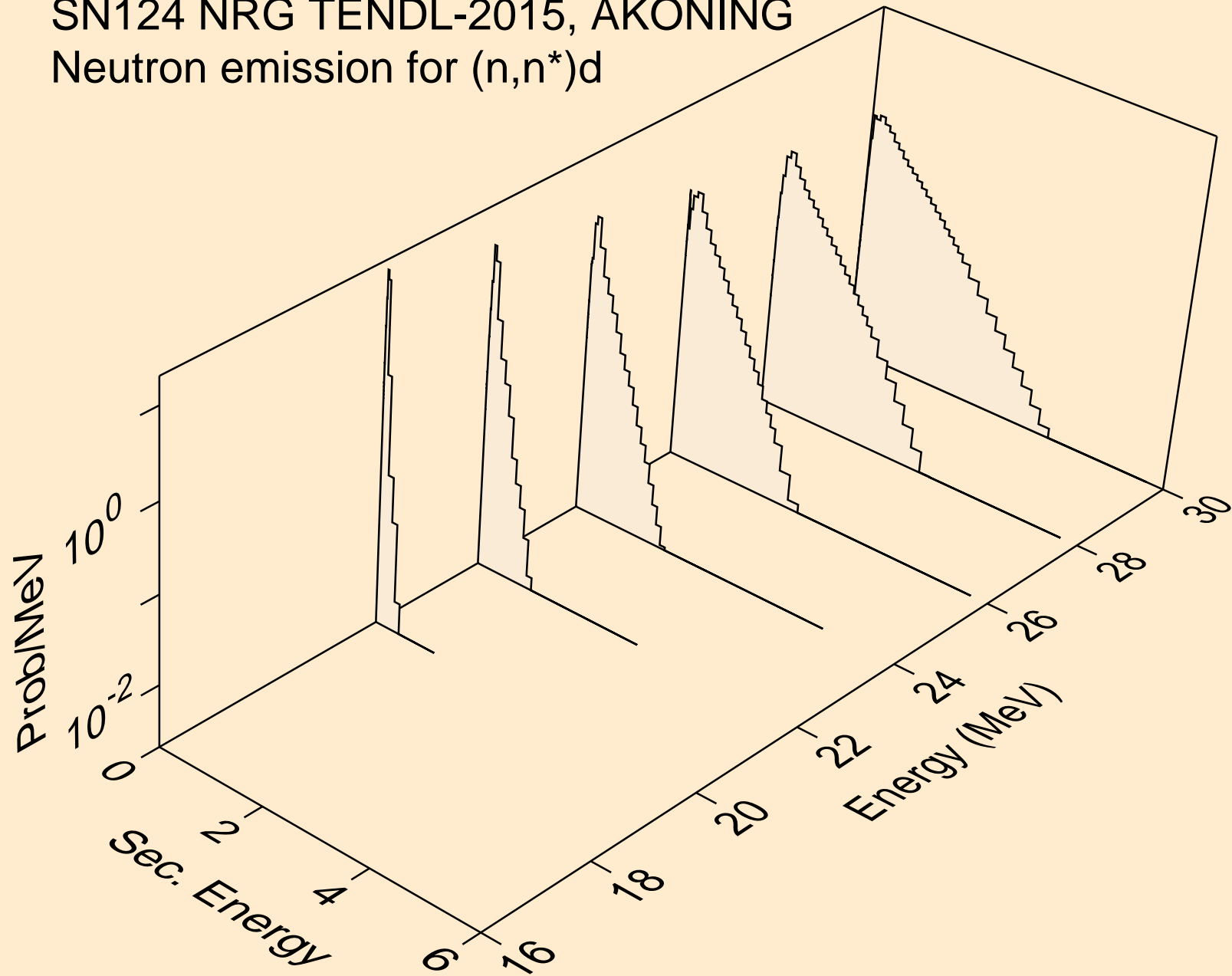
SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



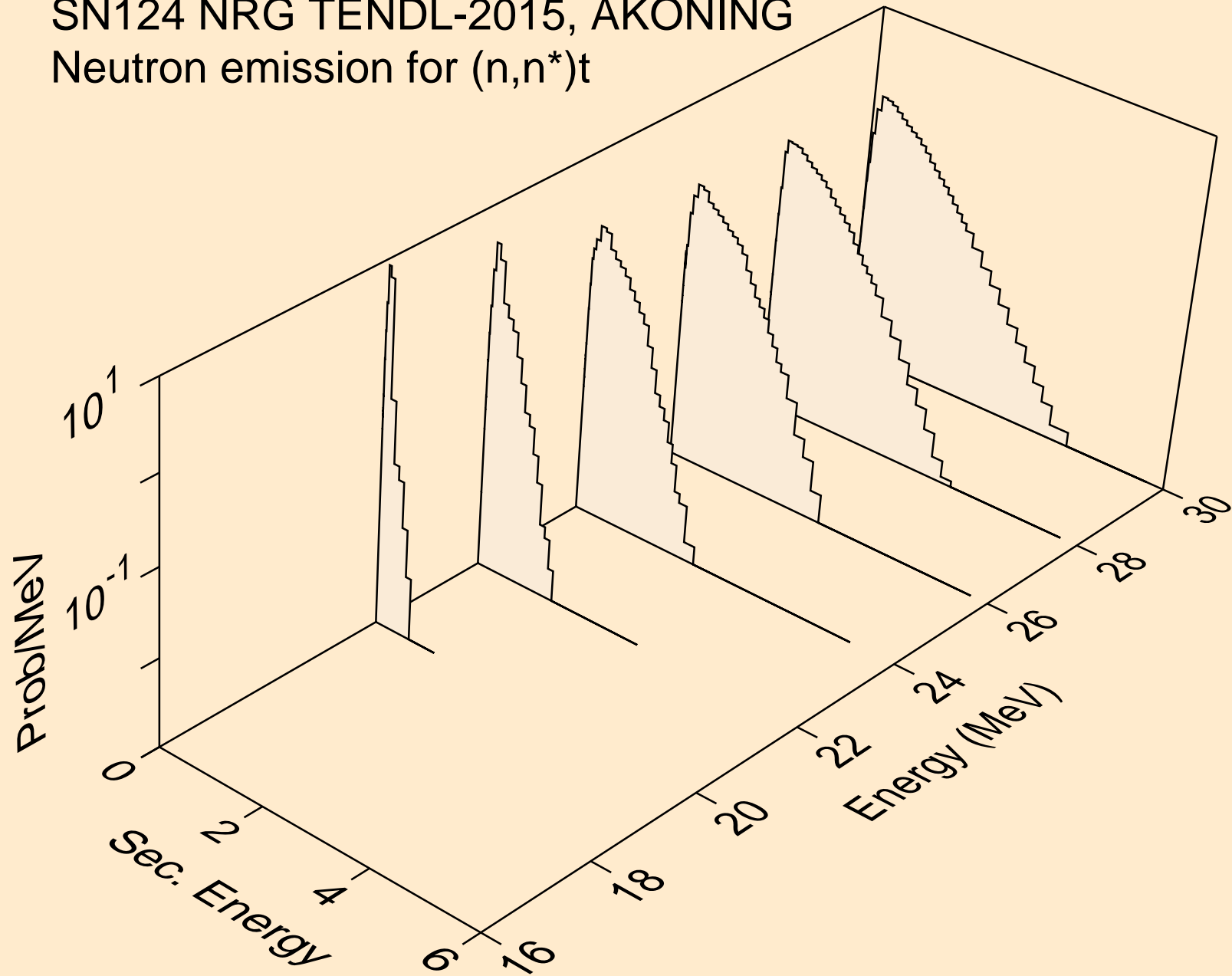
SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



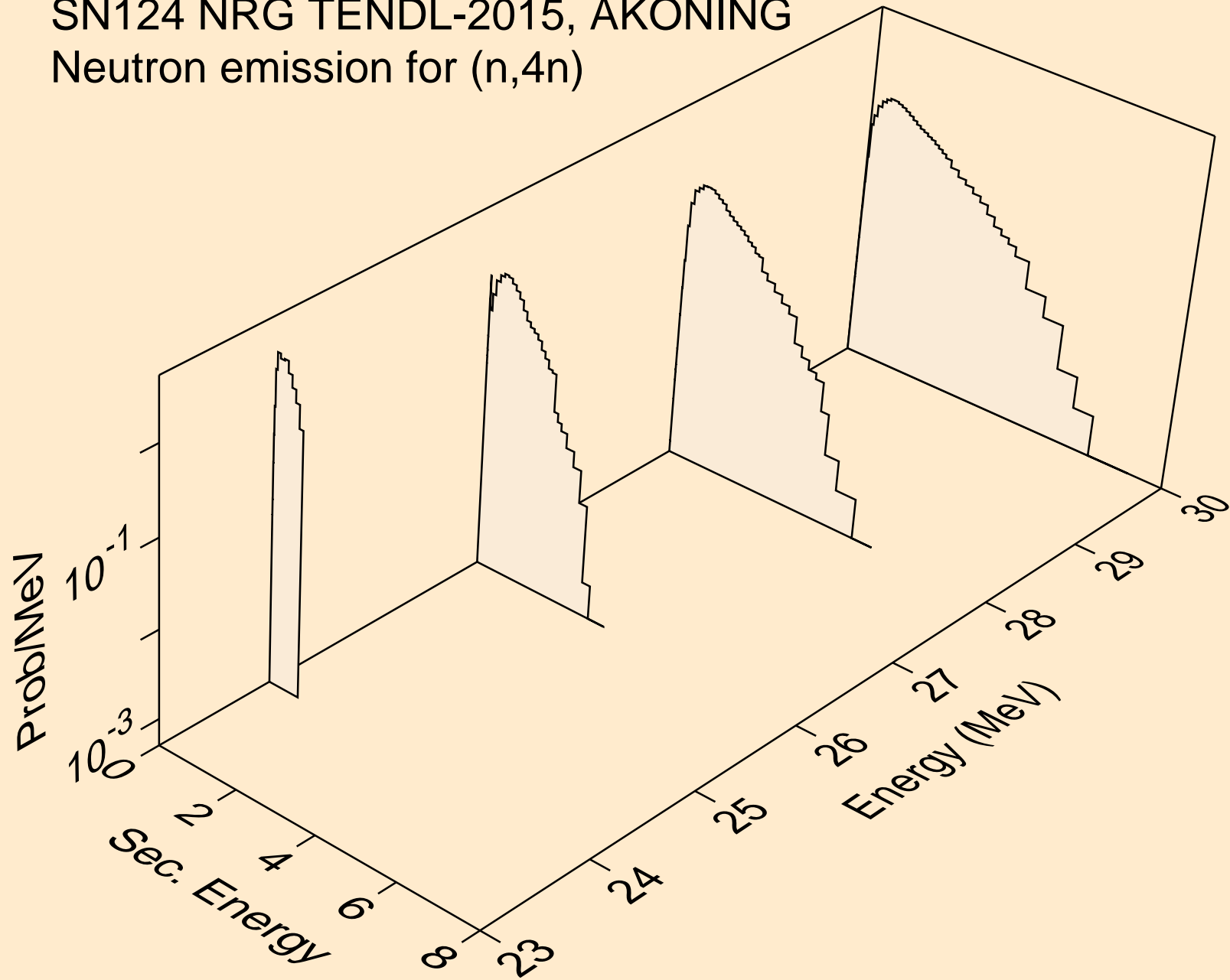
SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



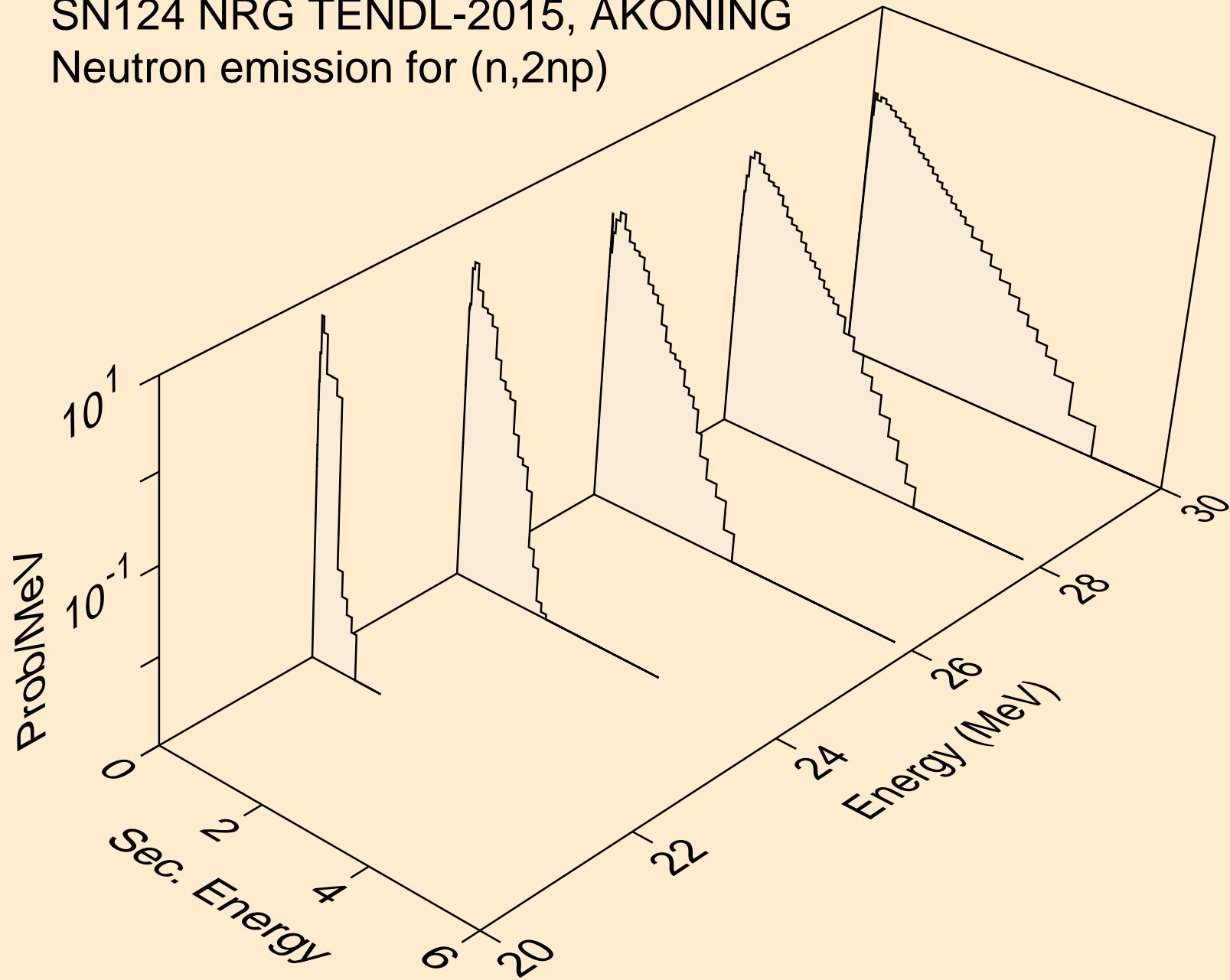
SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



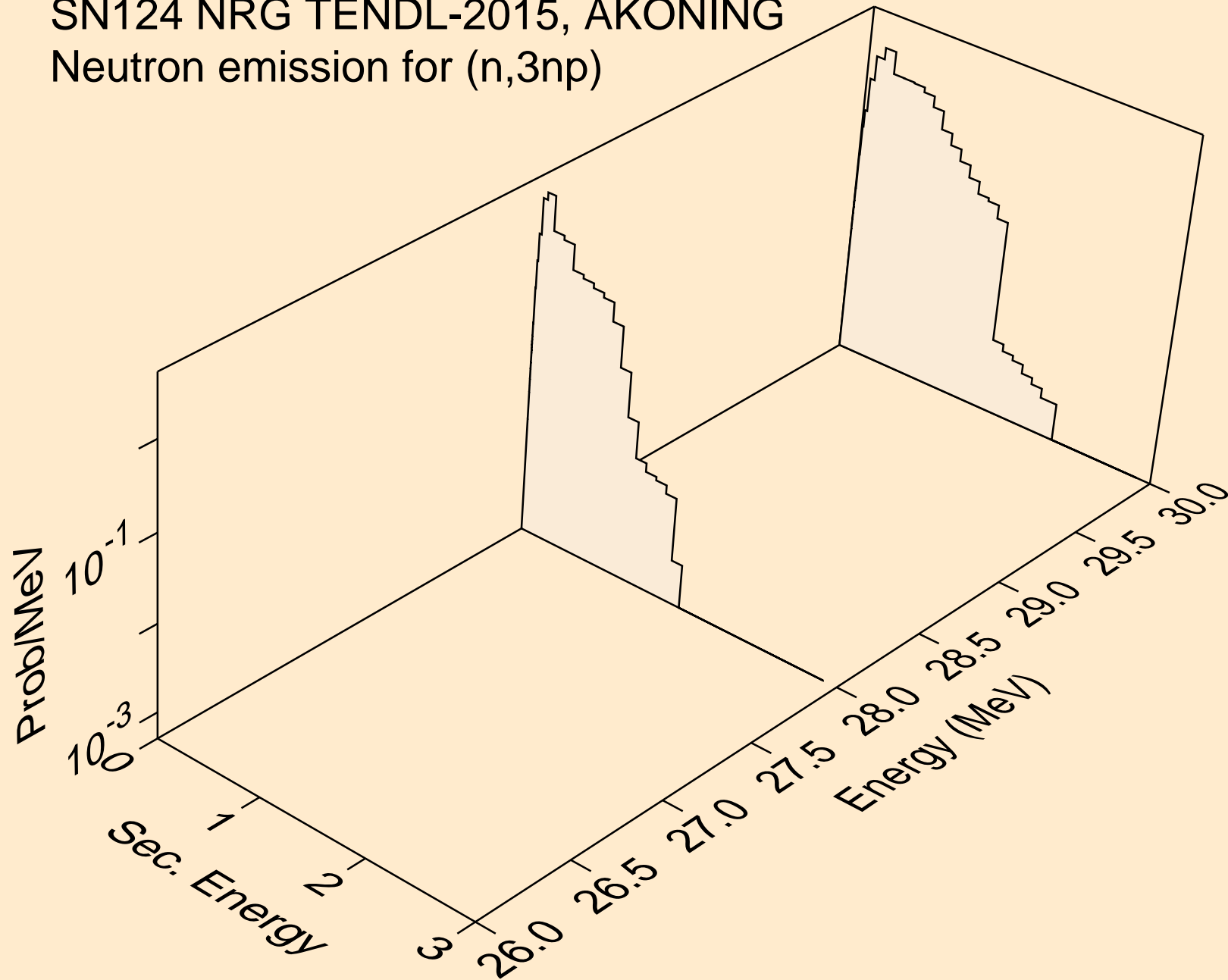
SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



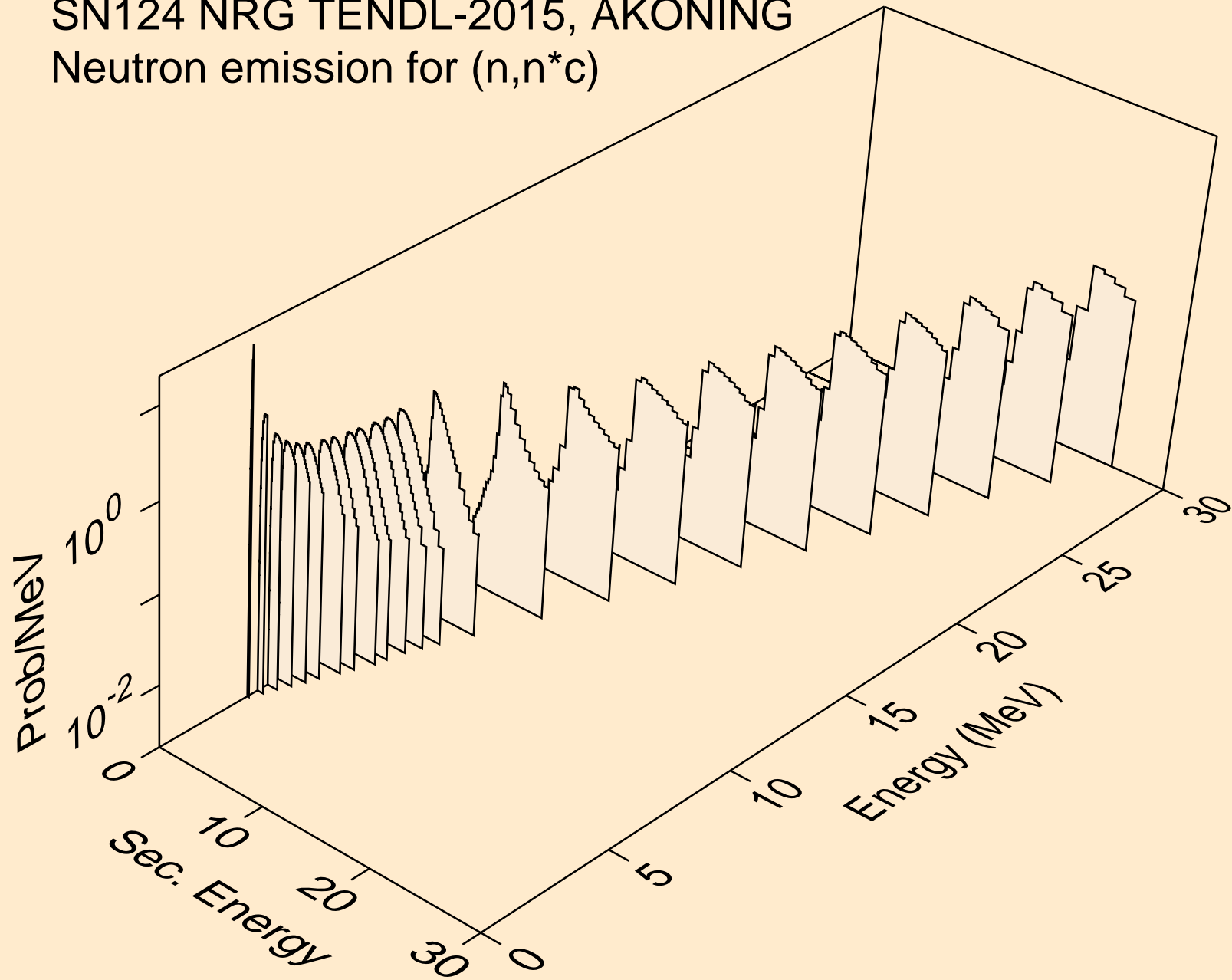
SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

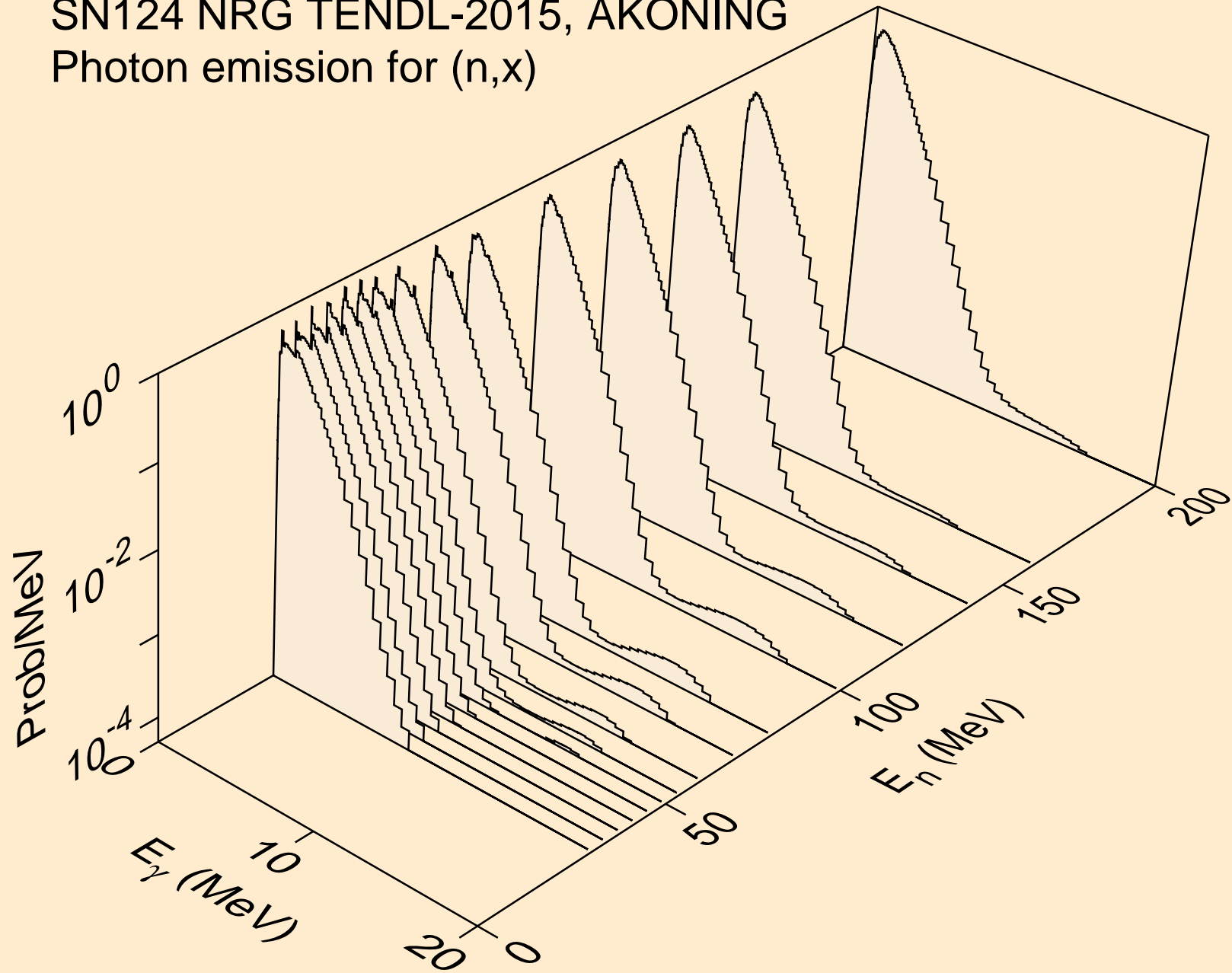


SN124 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

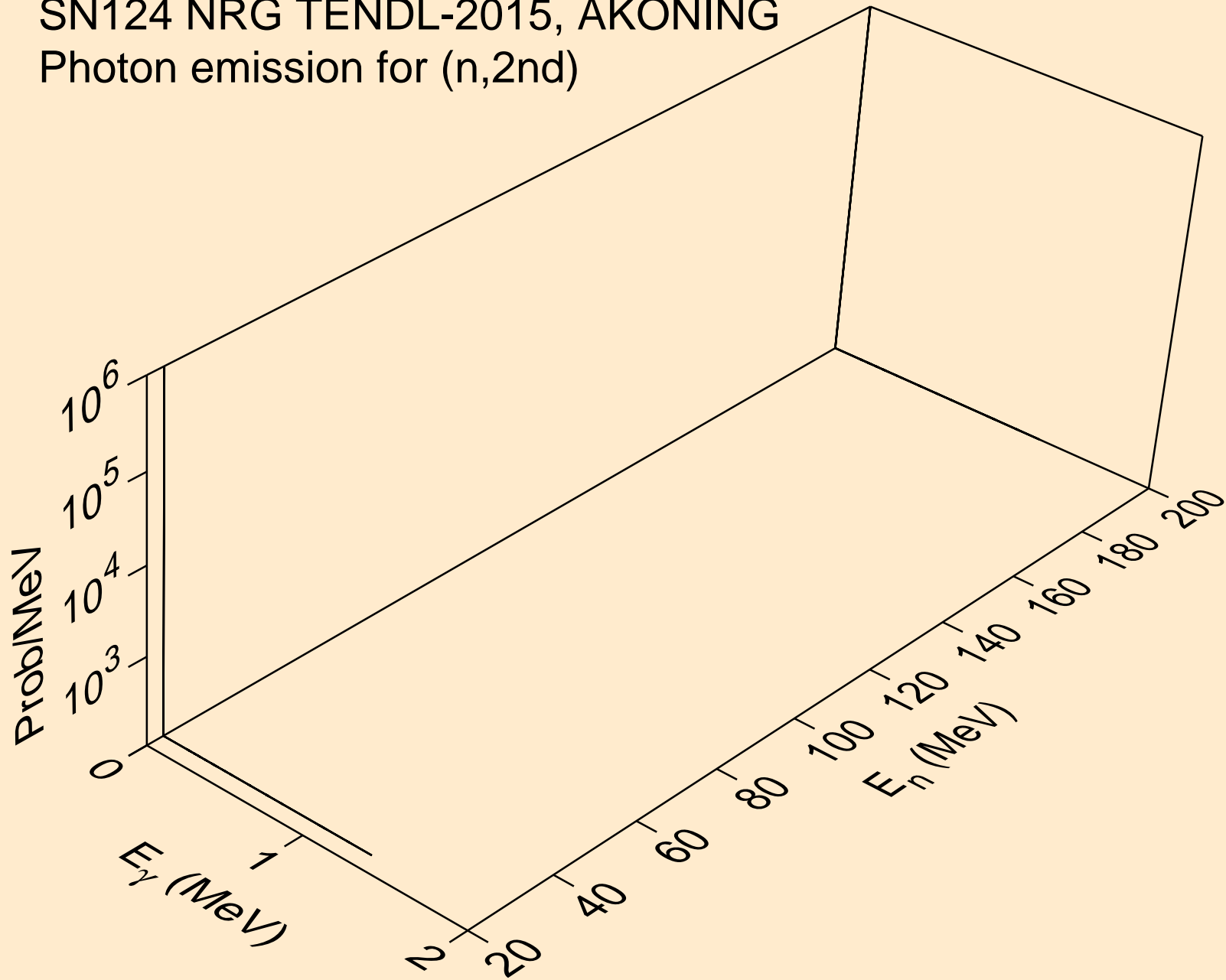




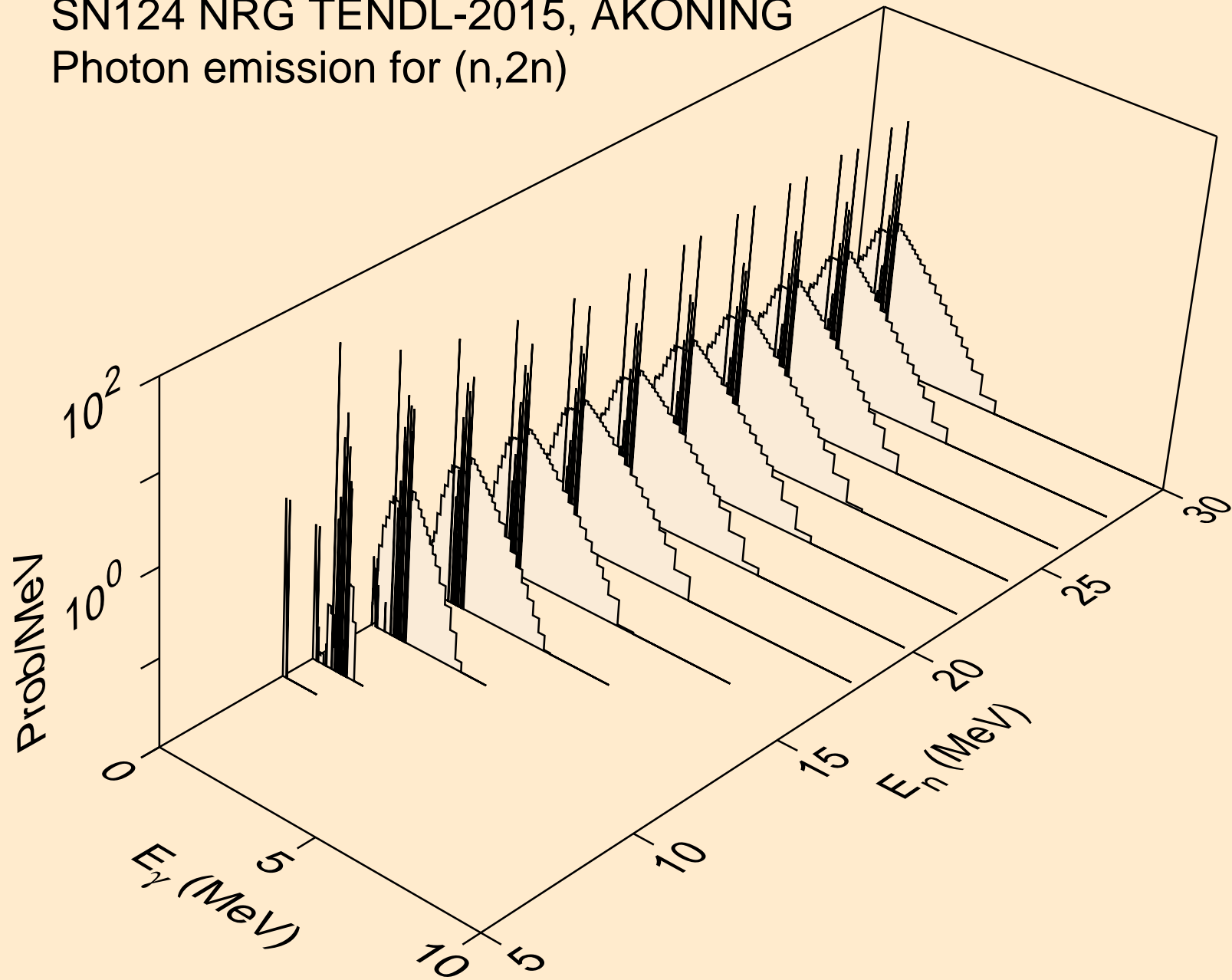
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



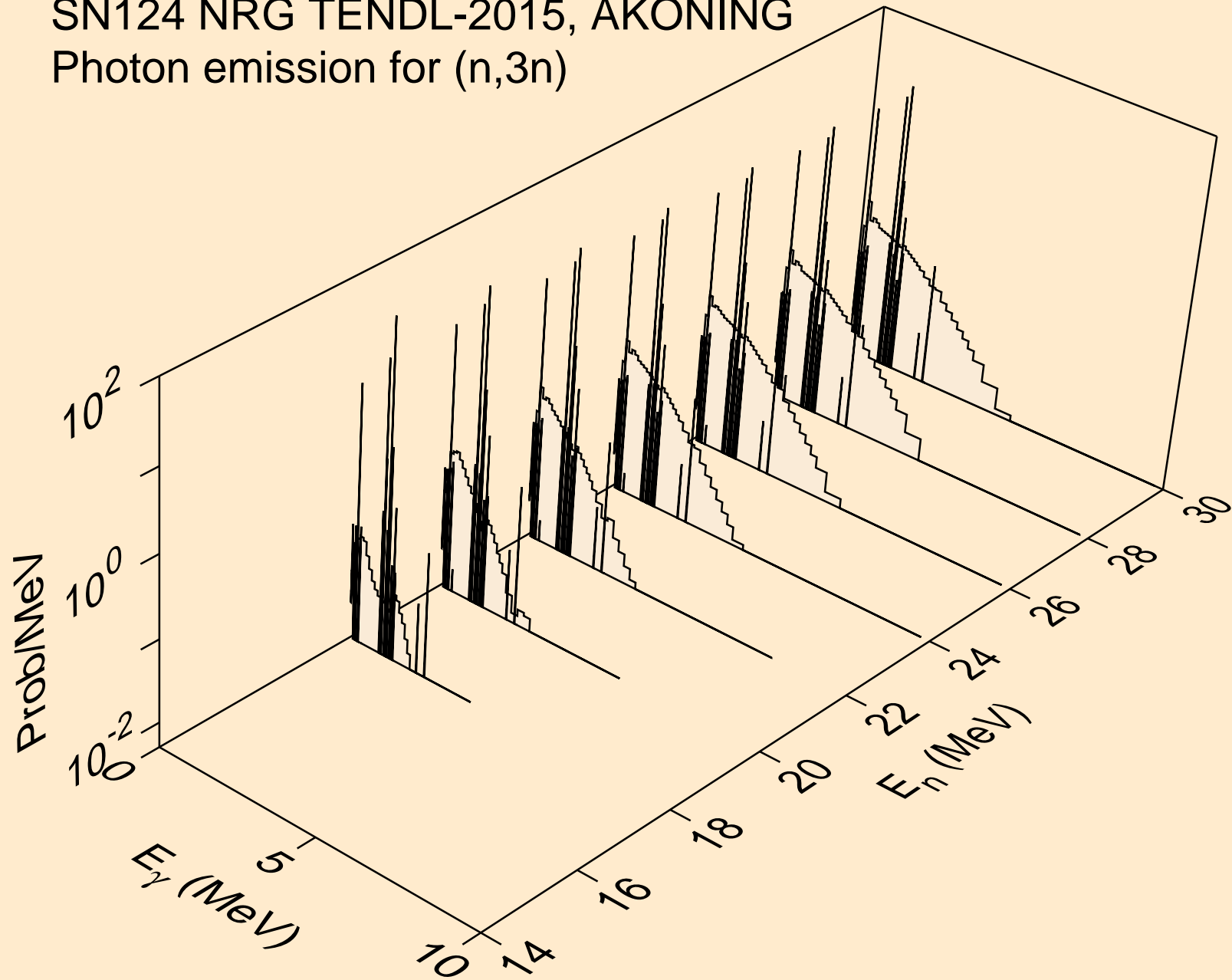
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



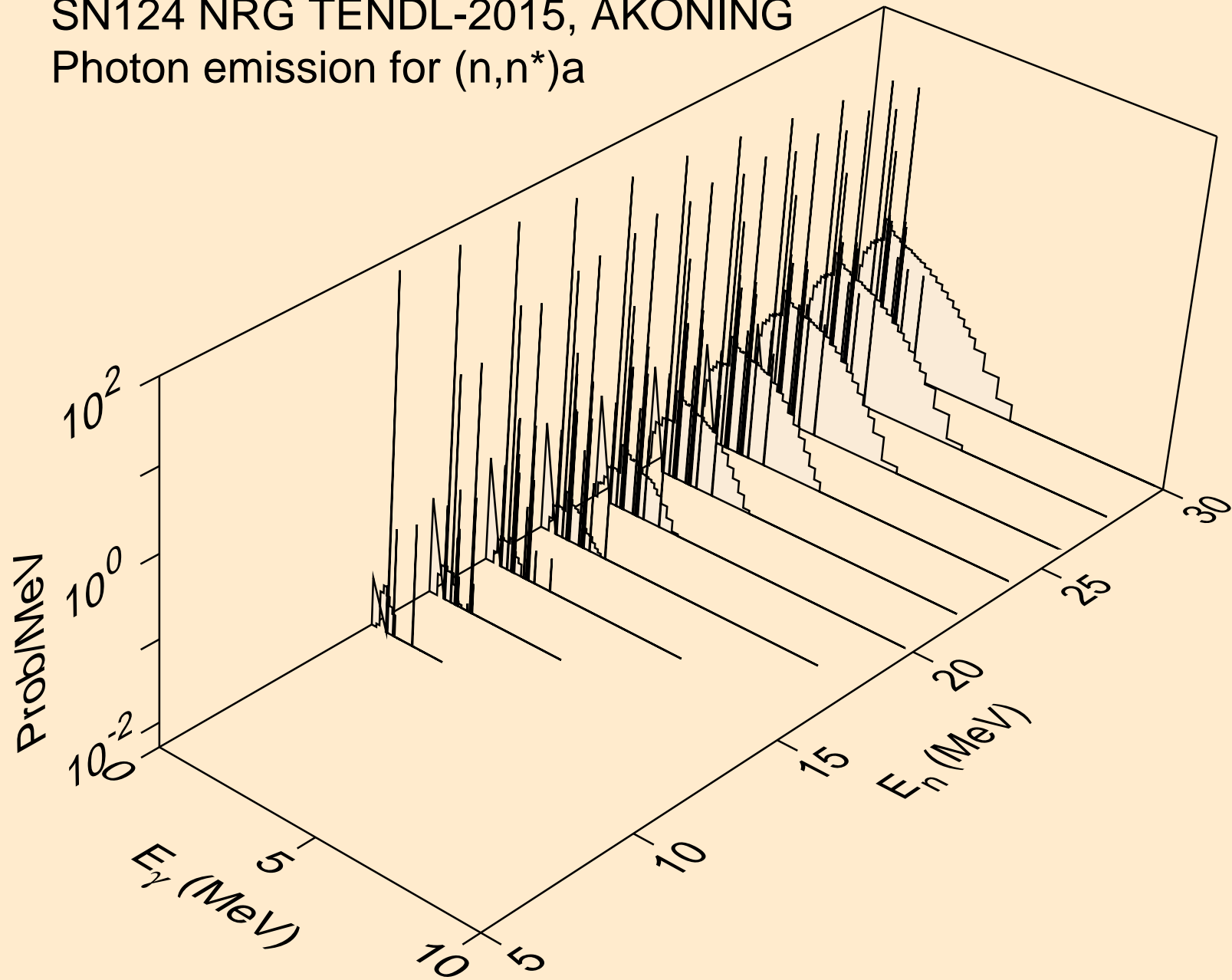
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



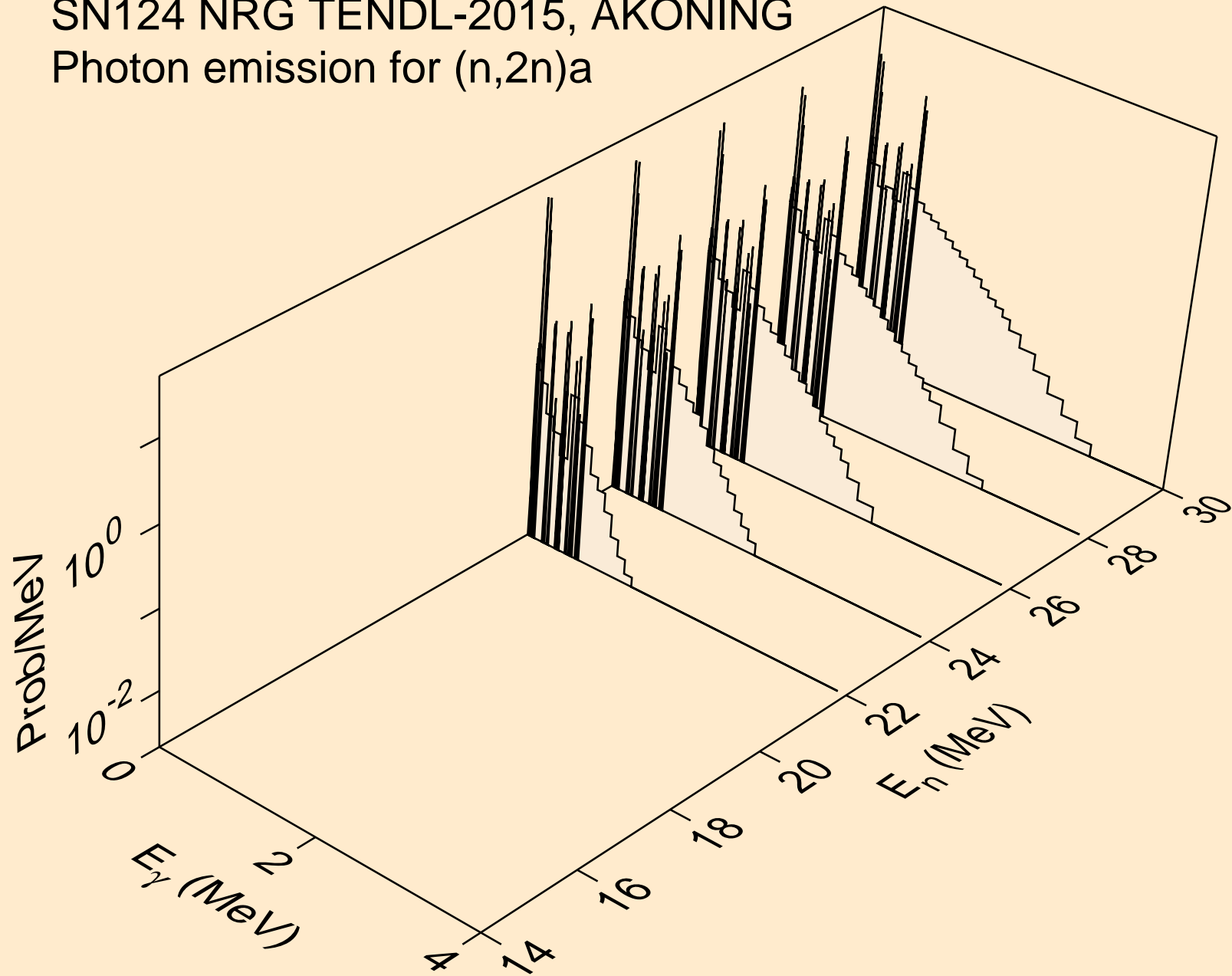
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



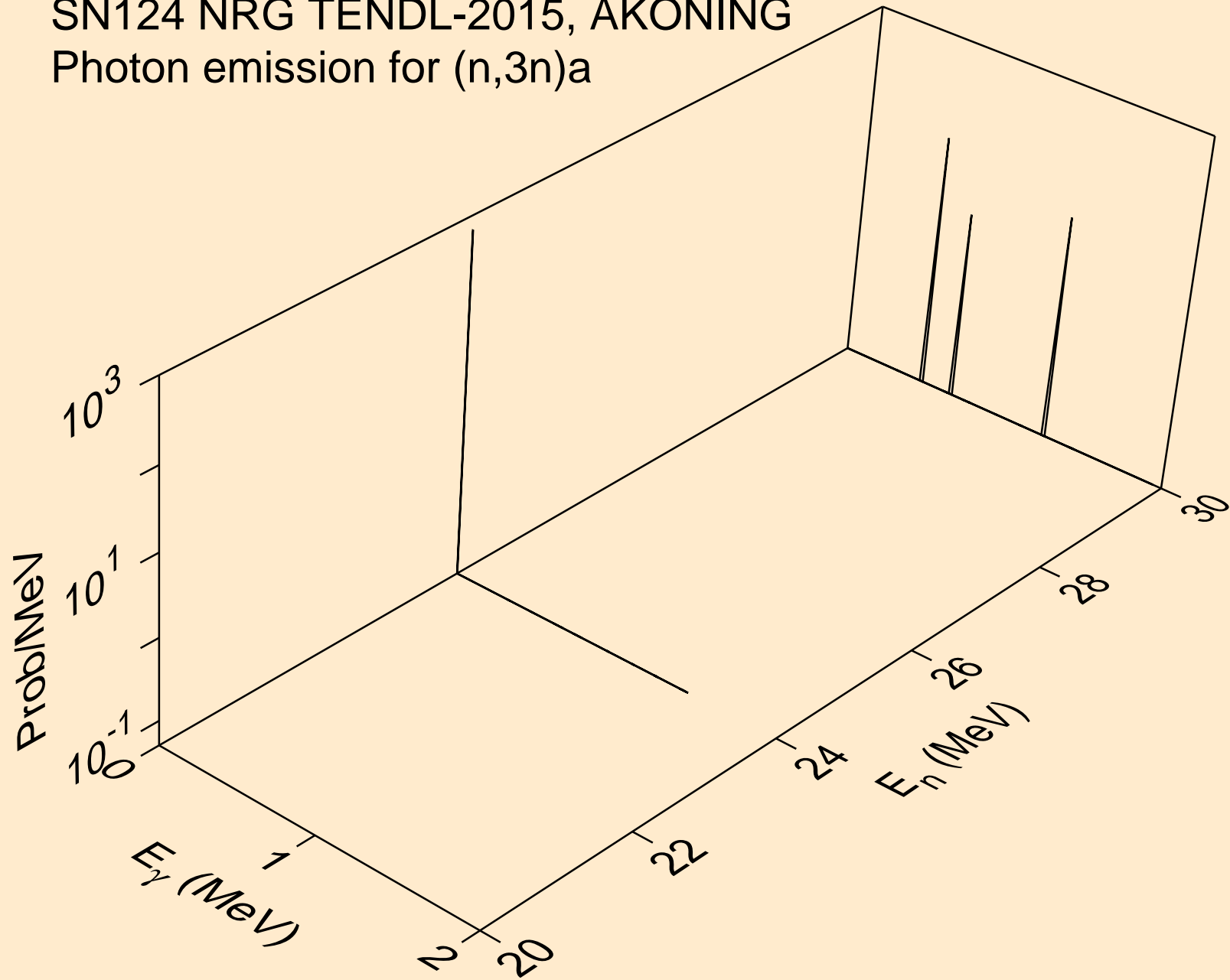
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



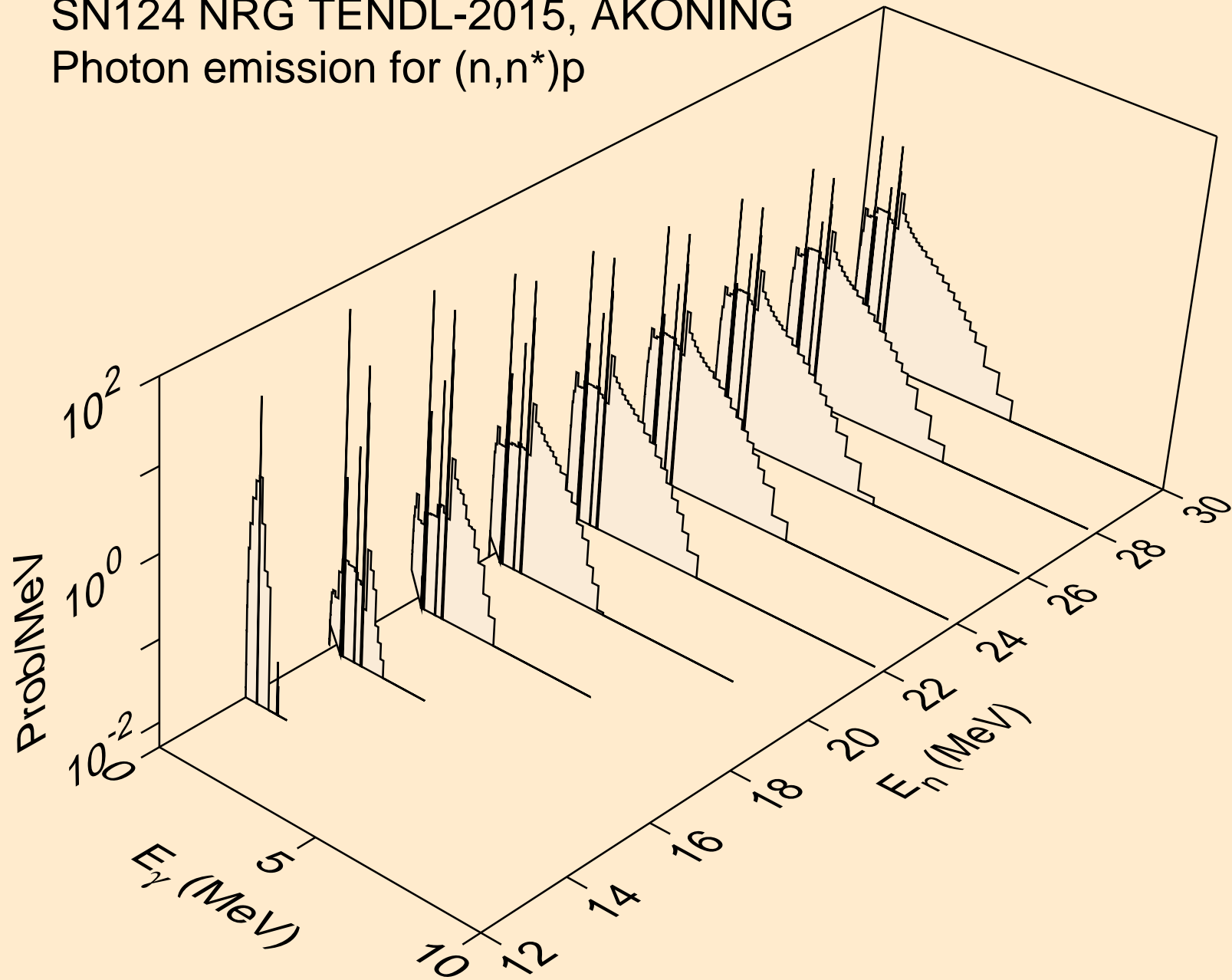
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

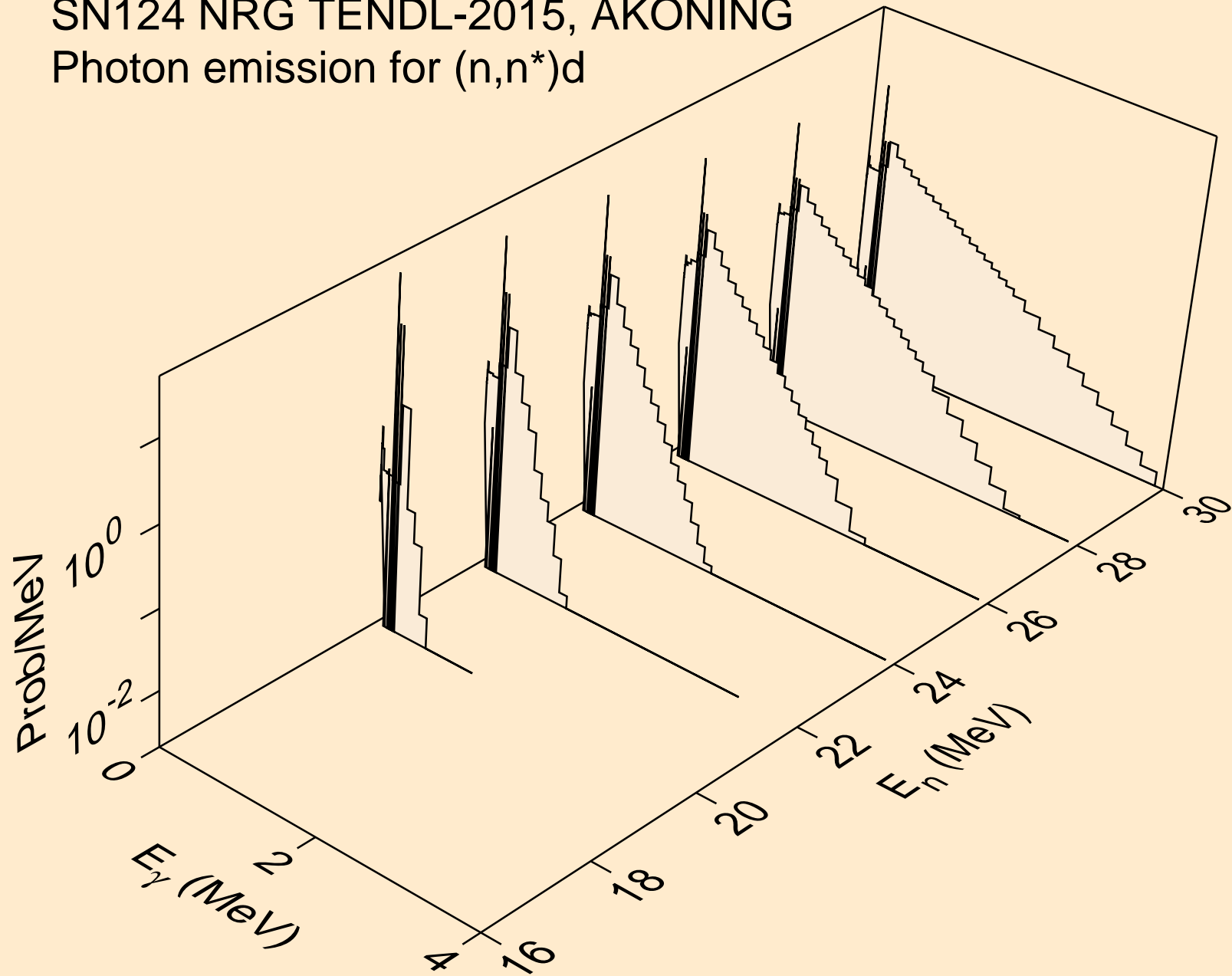


SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

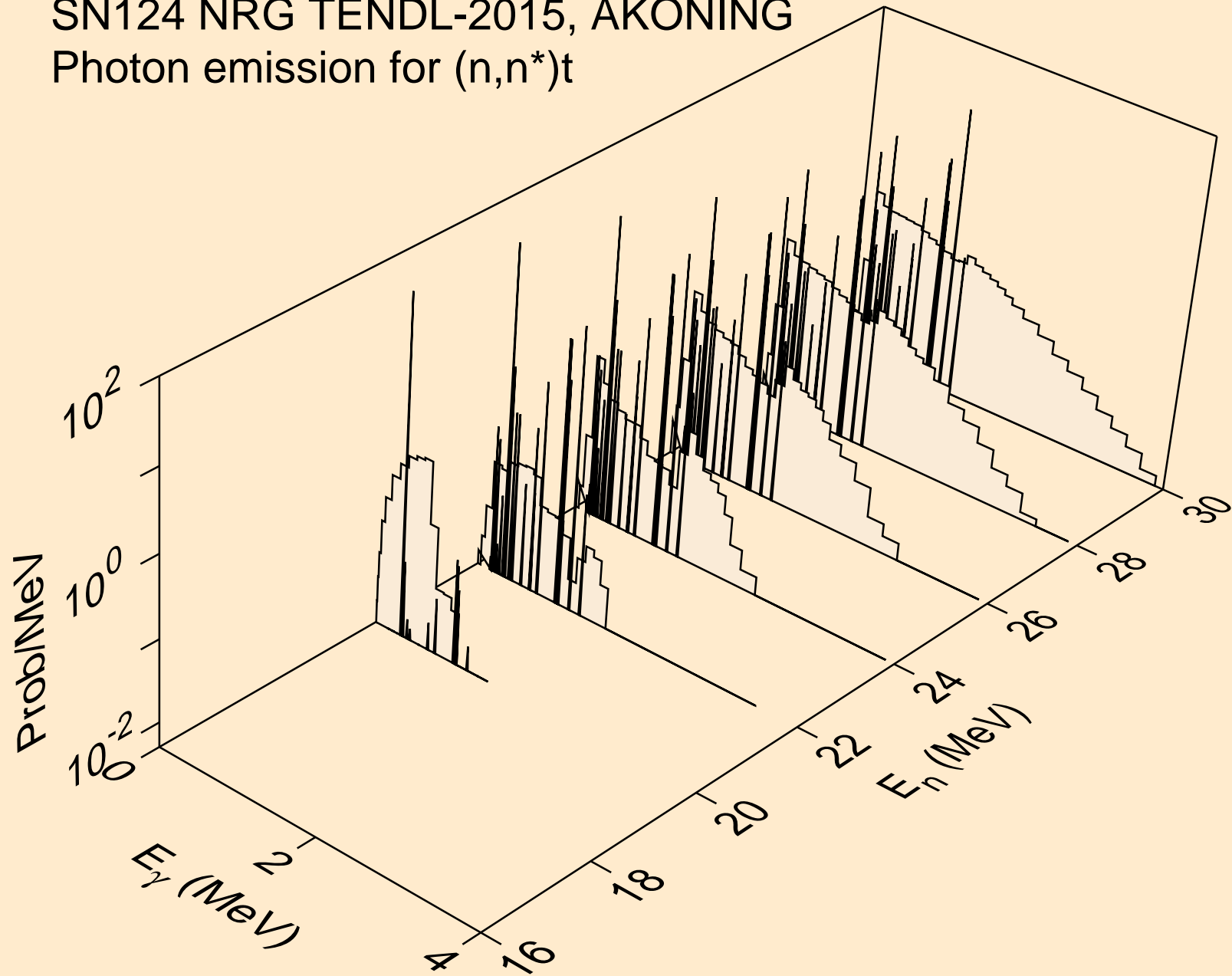




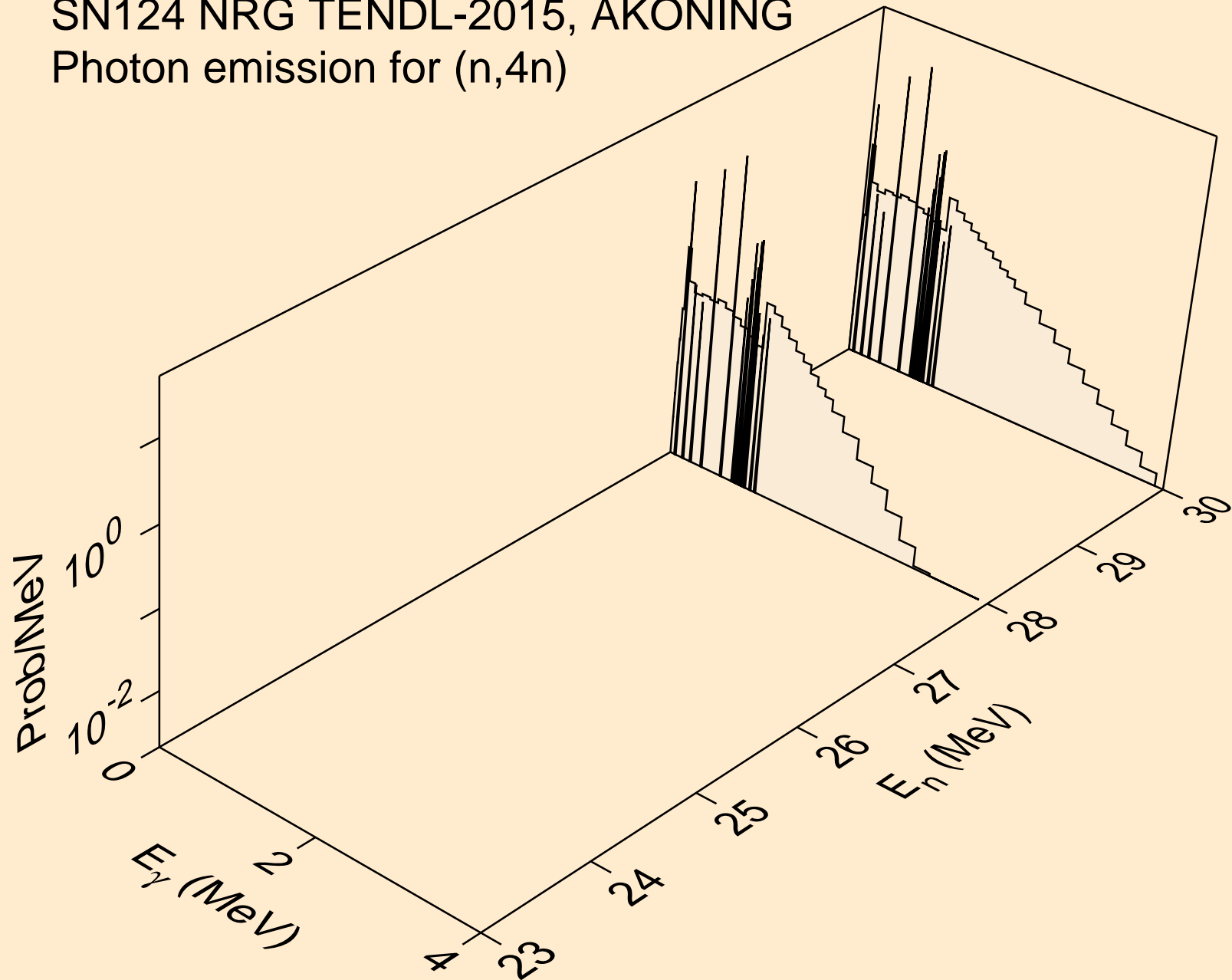
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d



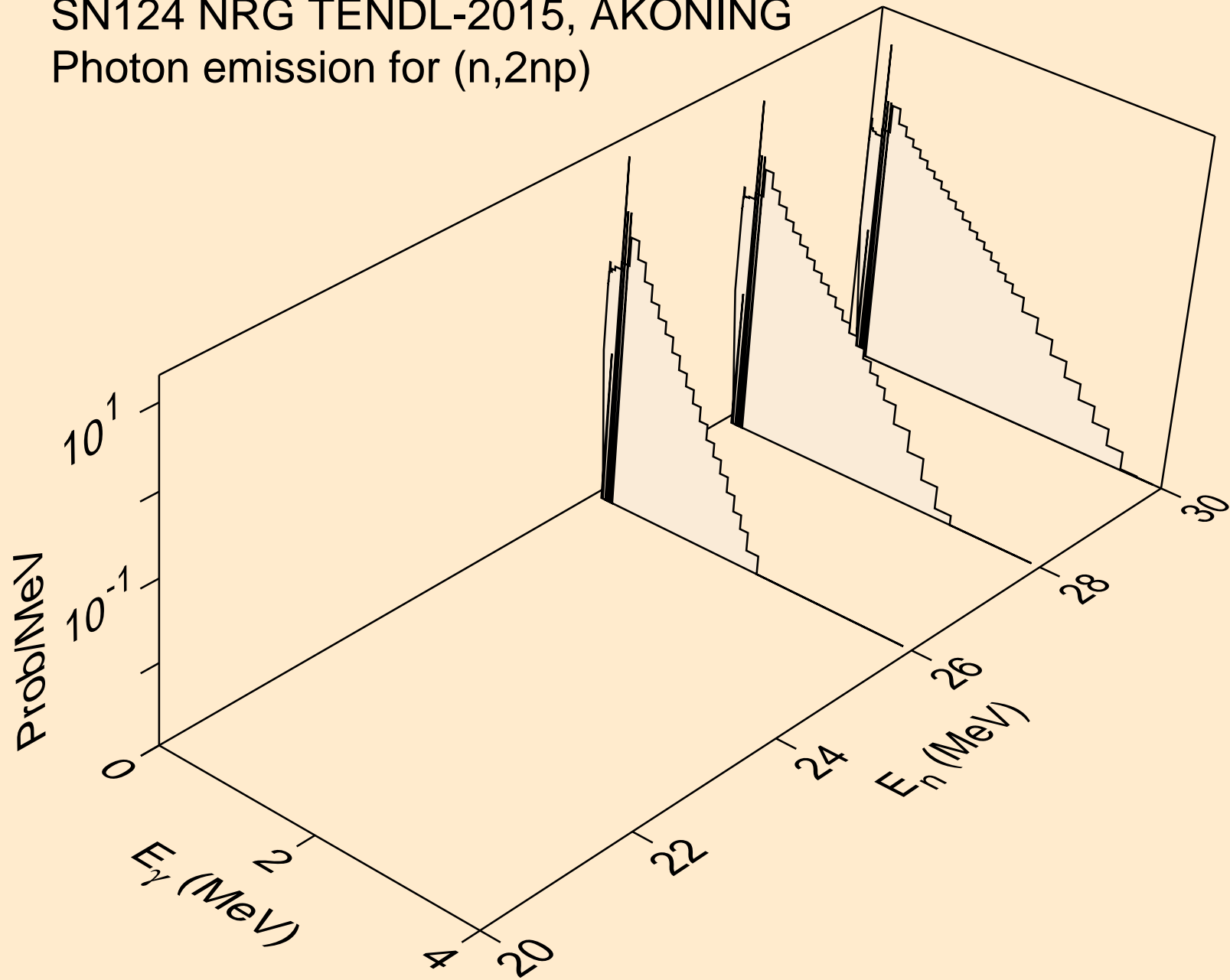
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



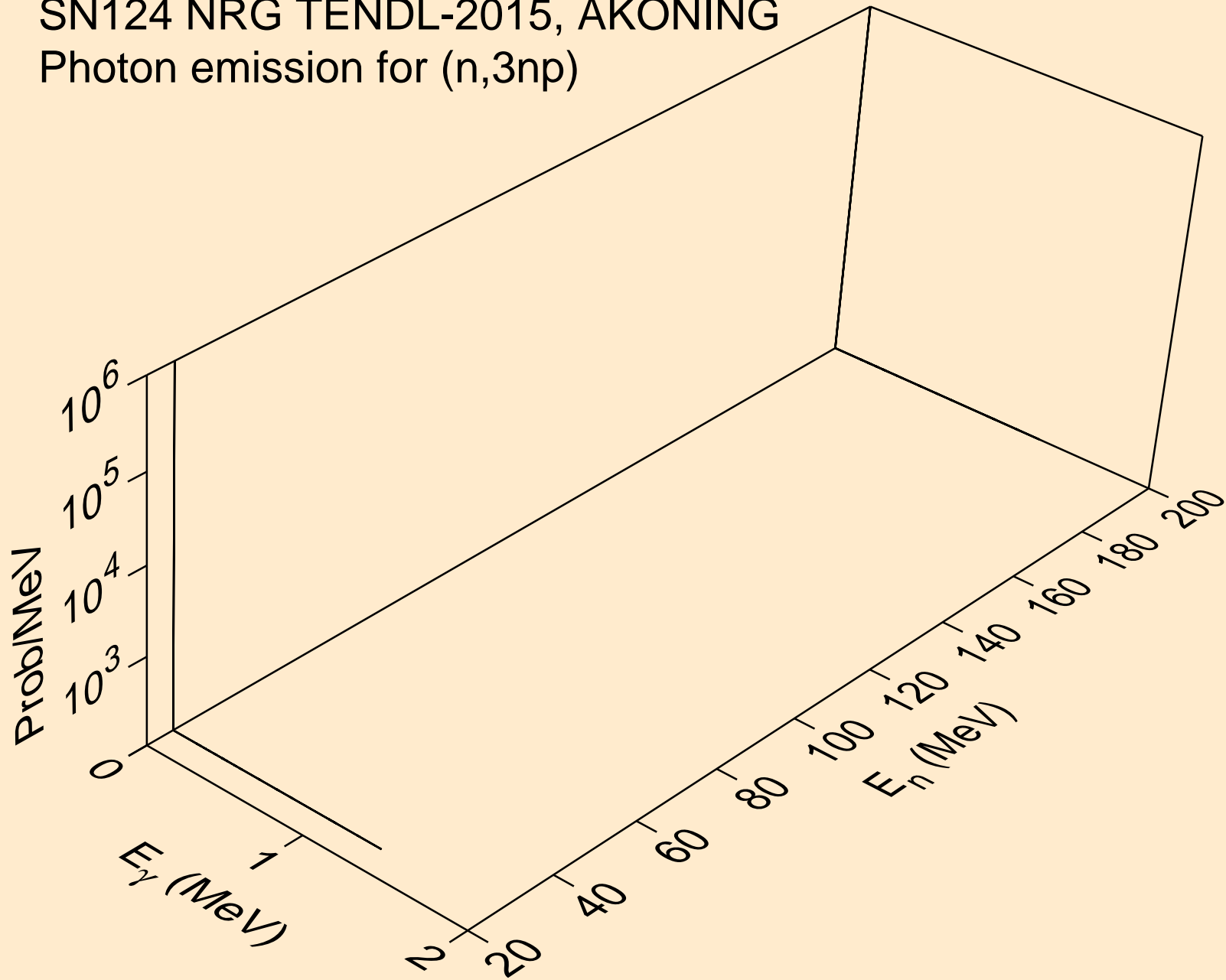
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



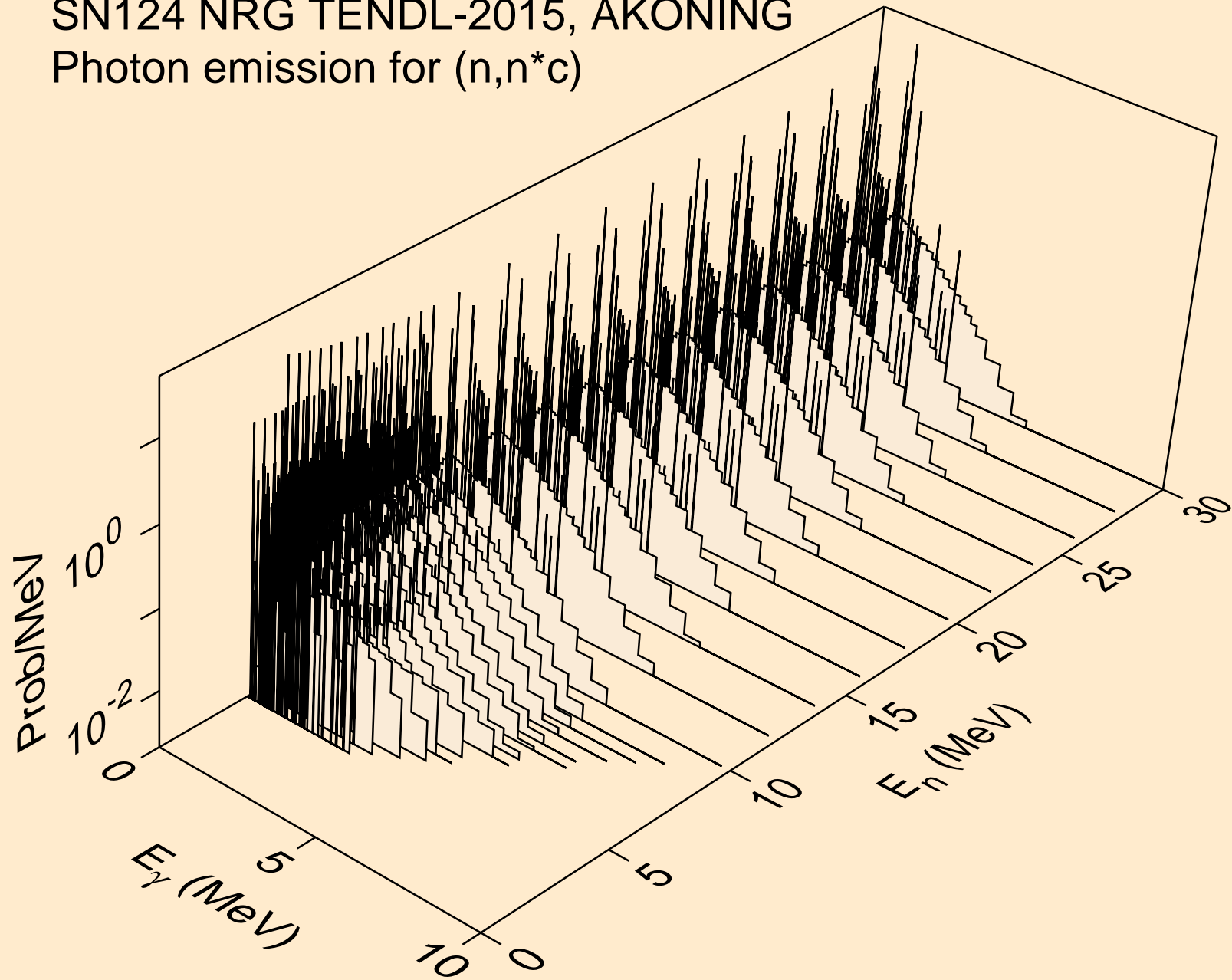
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



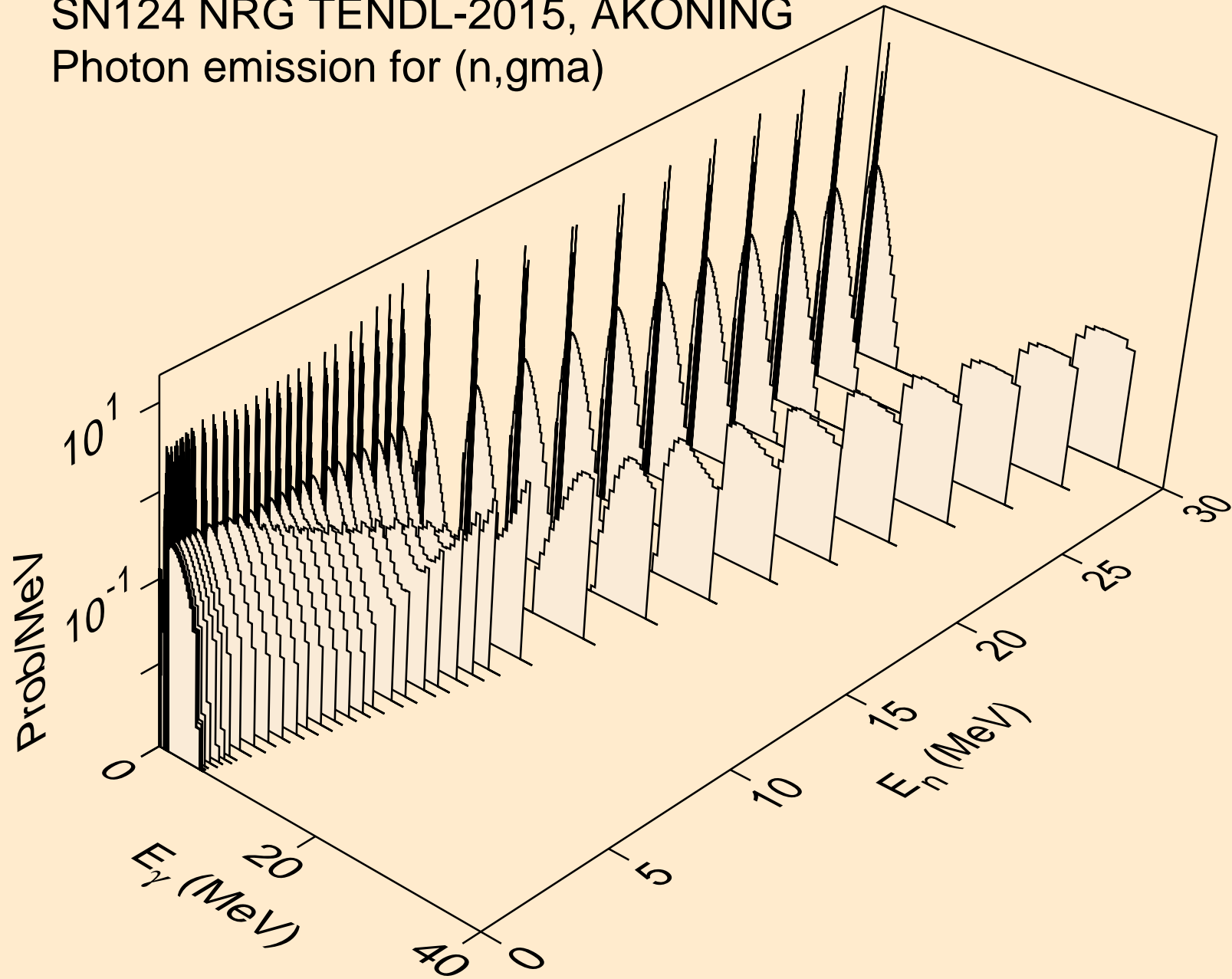
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



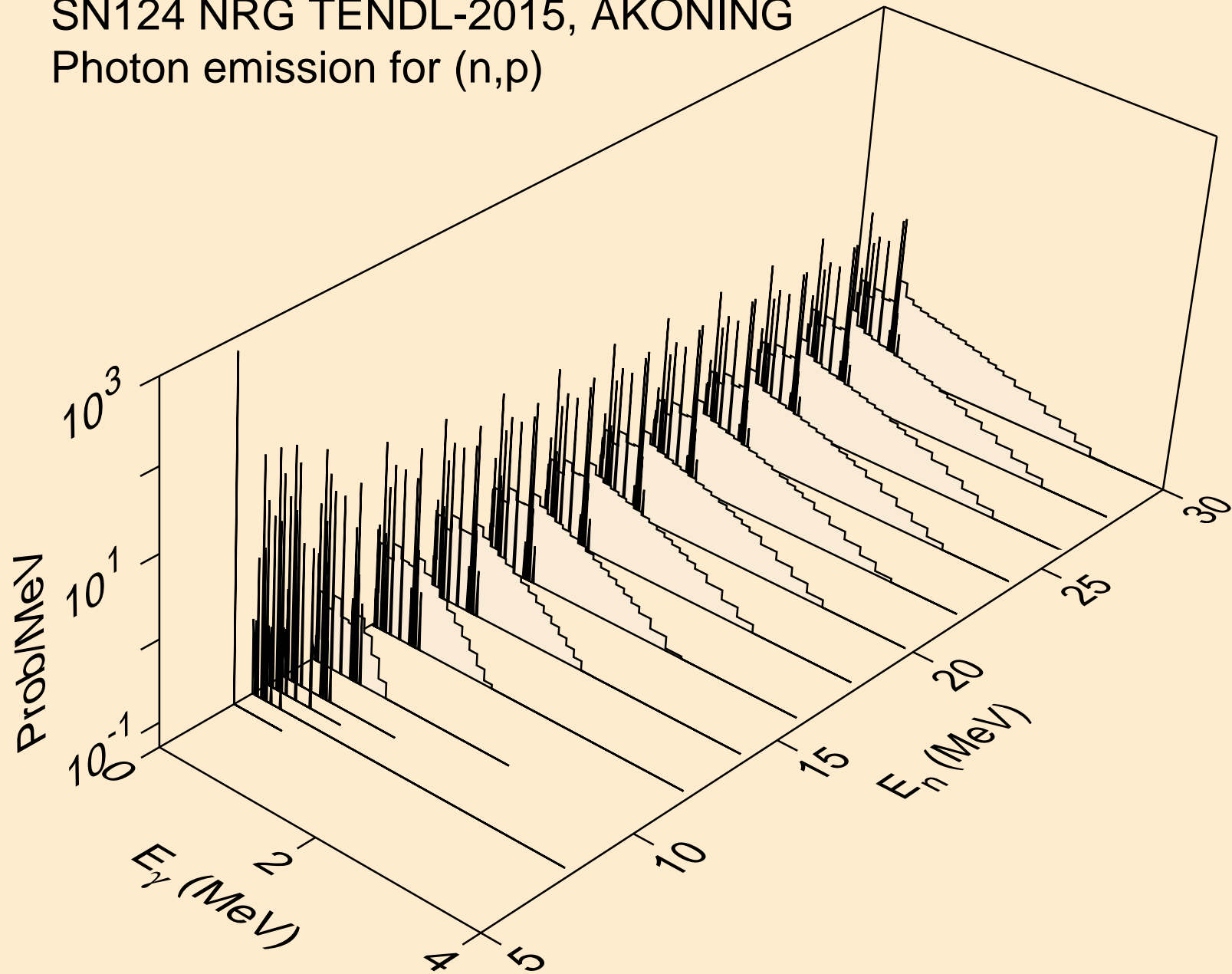
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)

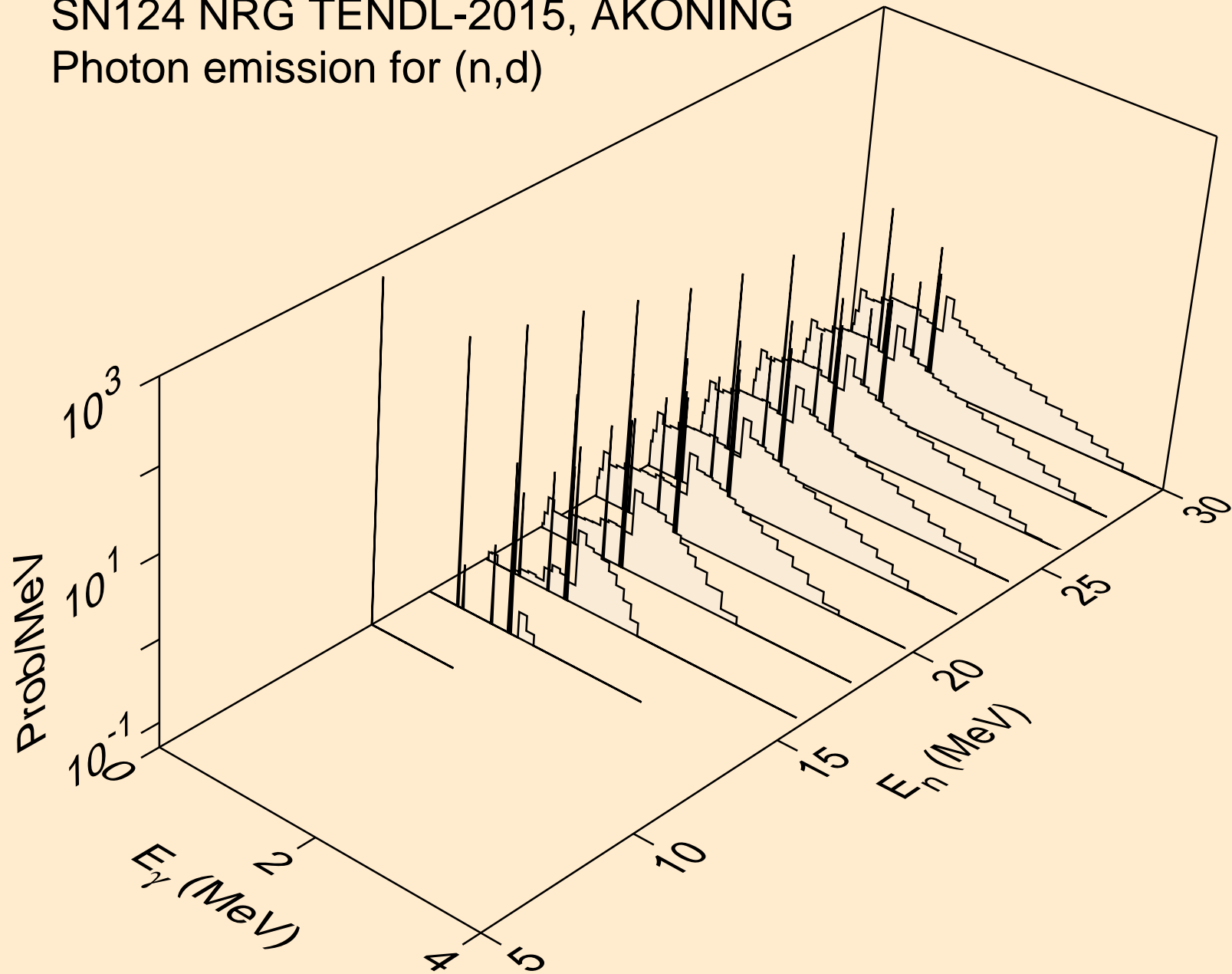


SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,p)

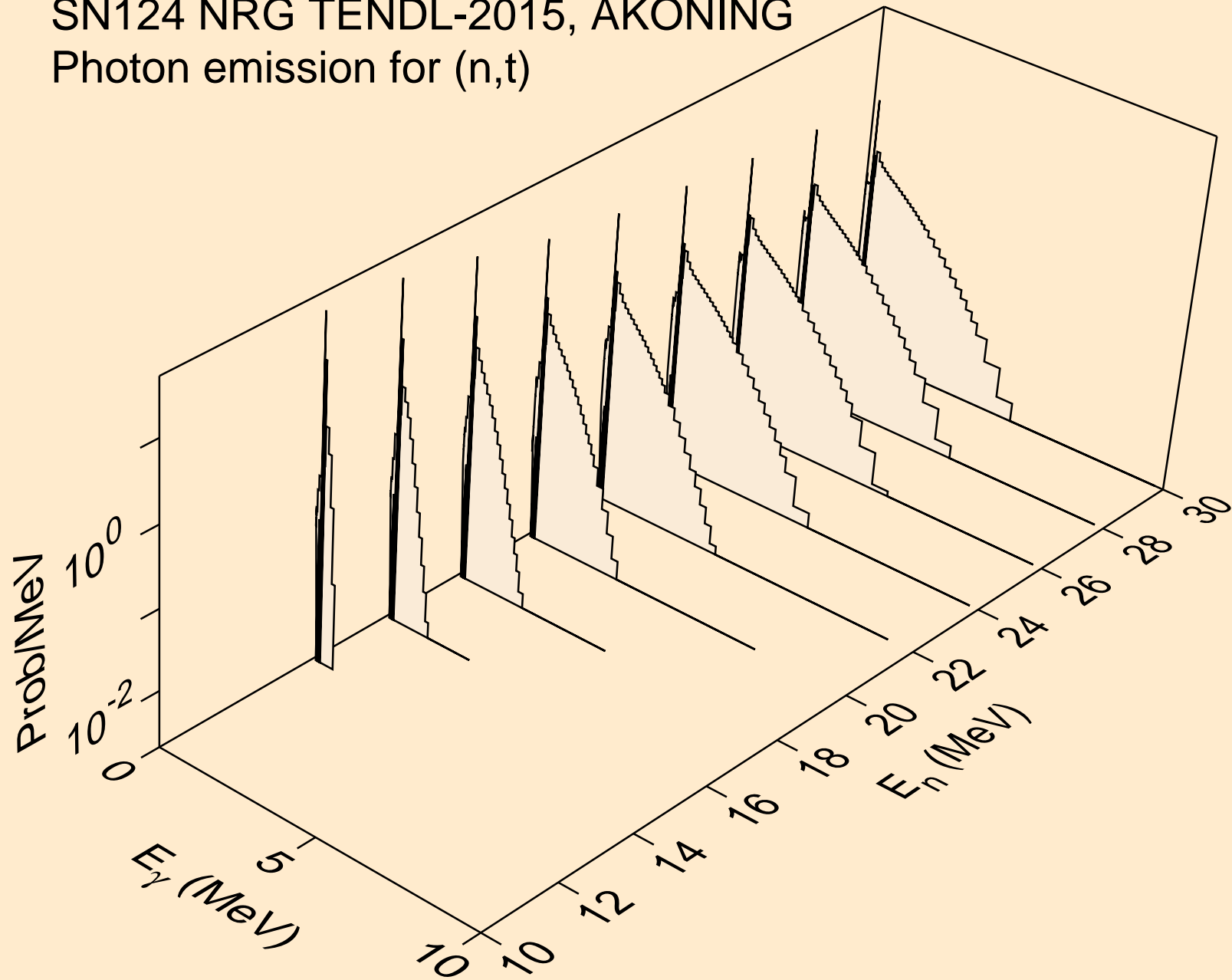




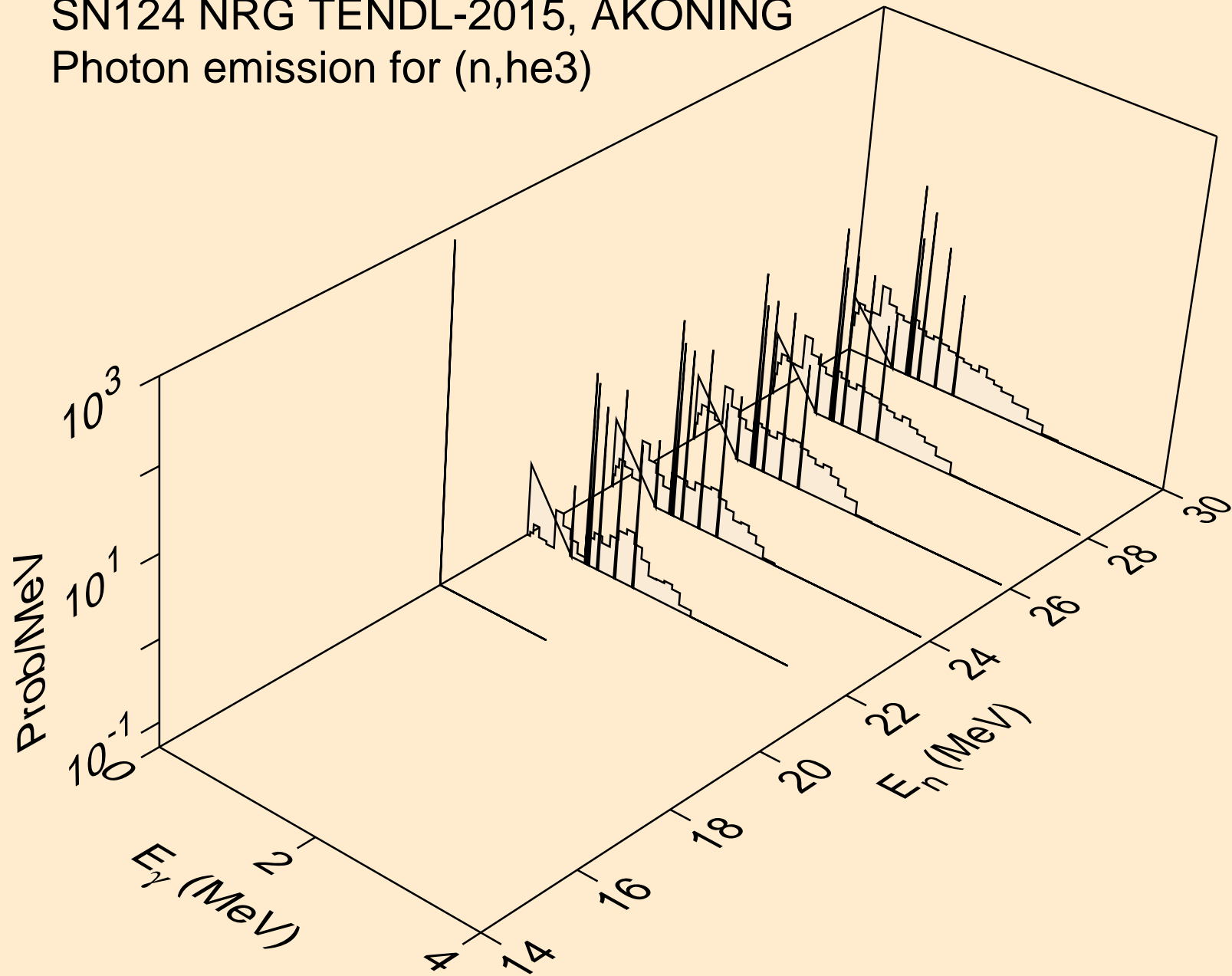
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,d)



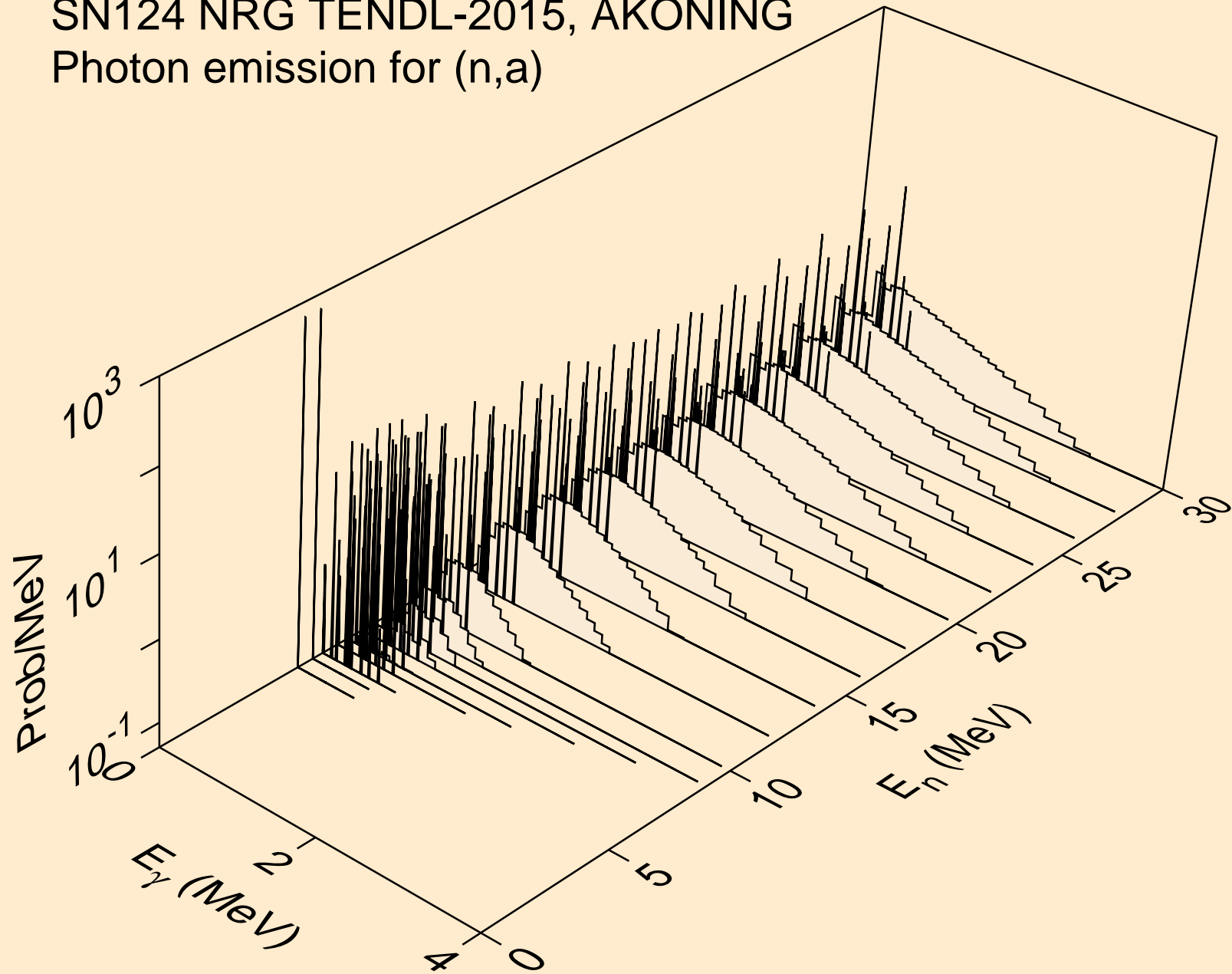
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,t)



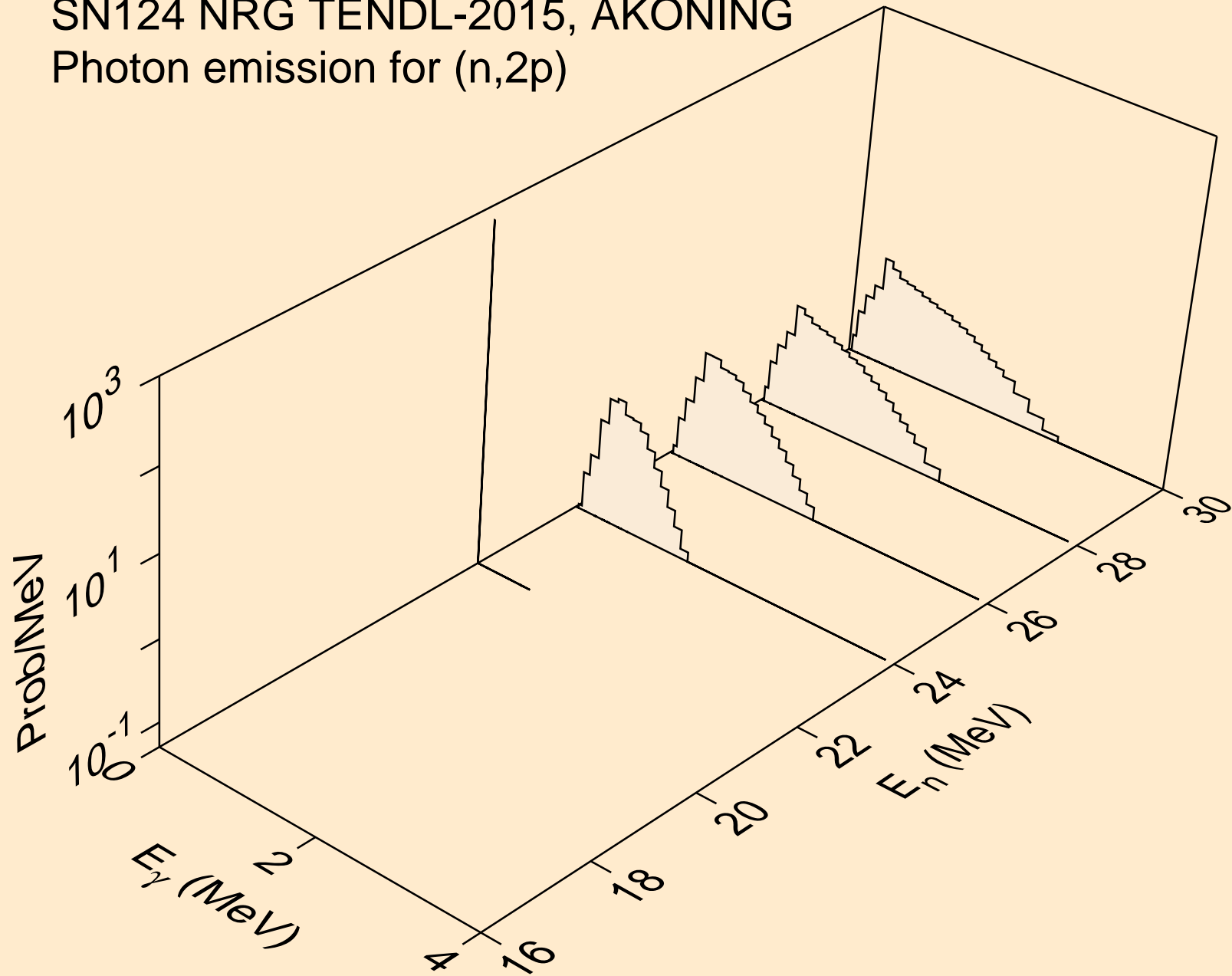
SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,a)

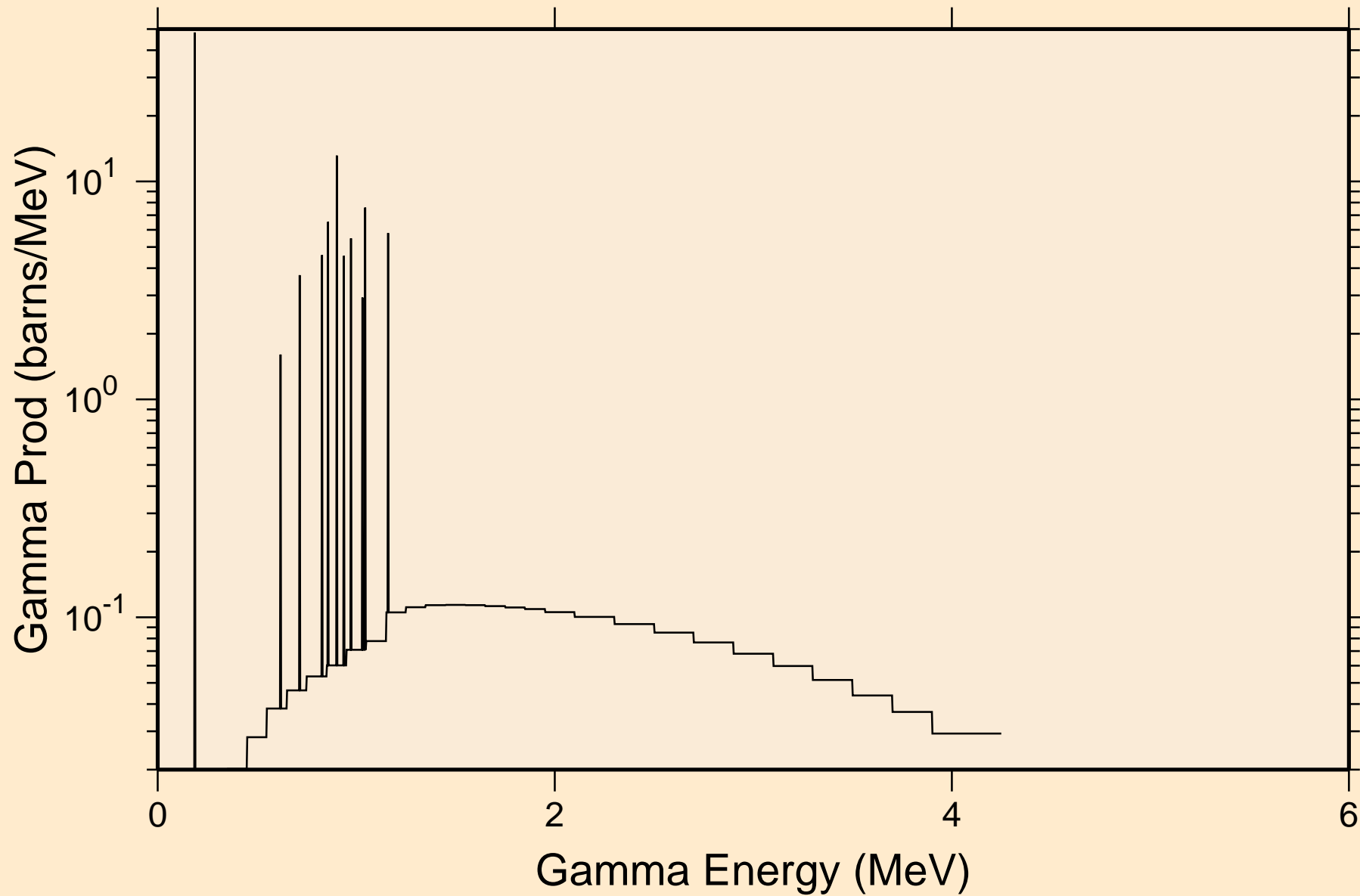


SN124 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)

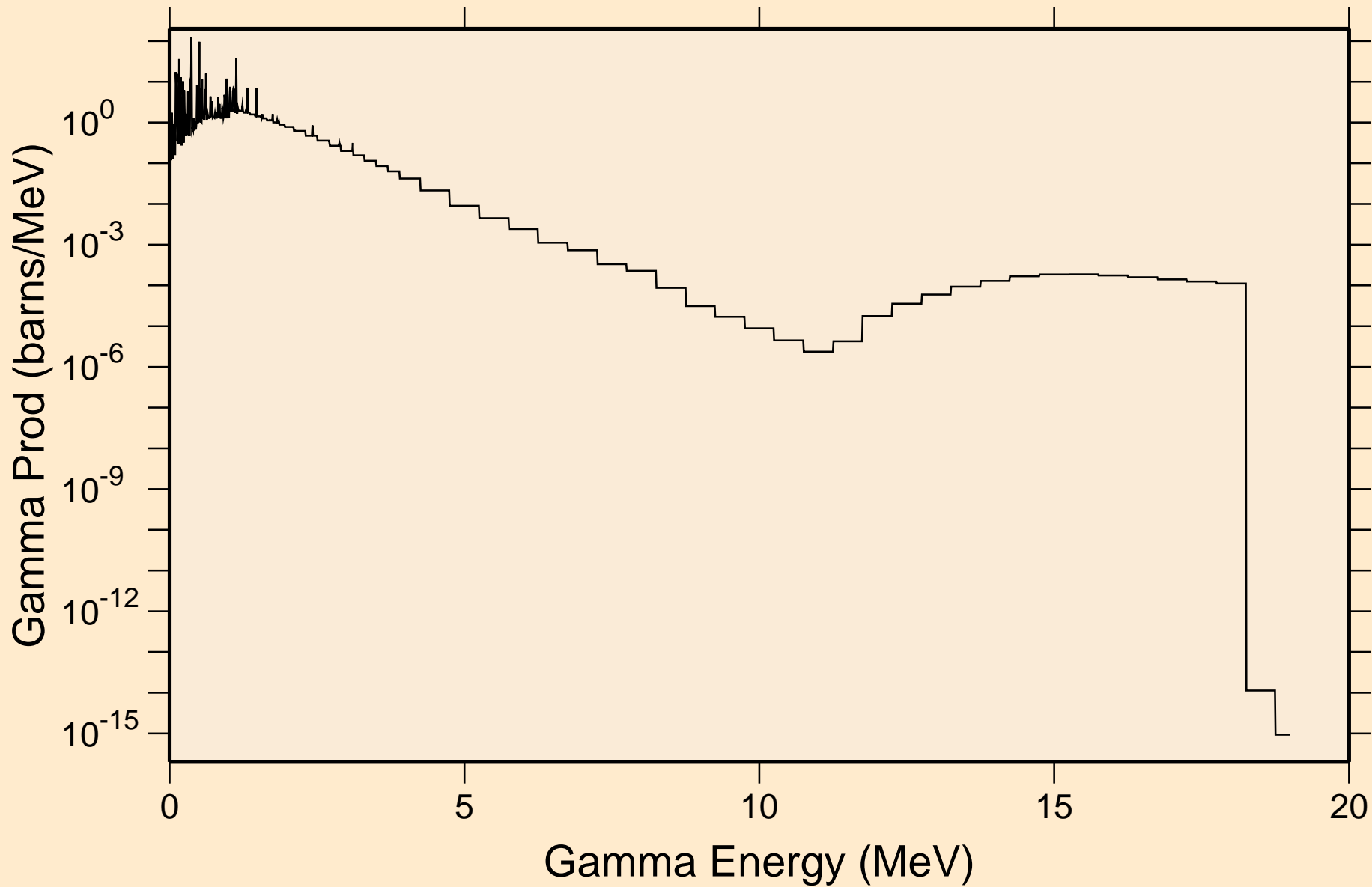


# SN124 NRG TENDL-2015, AKONING

## thermal capture photon spectrum

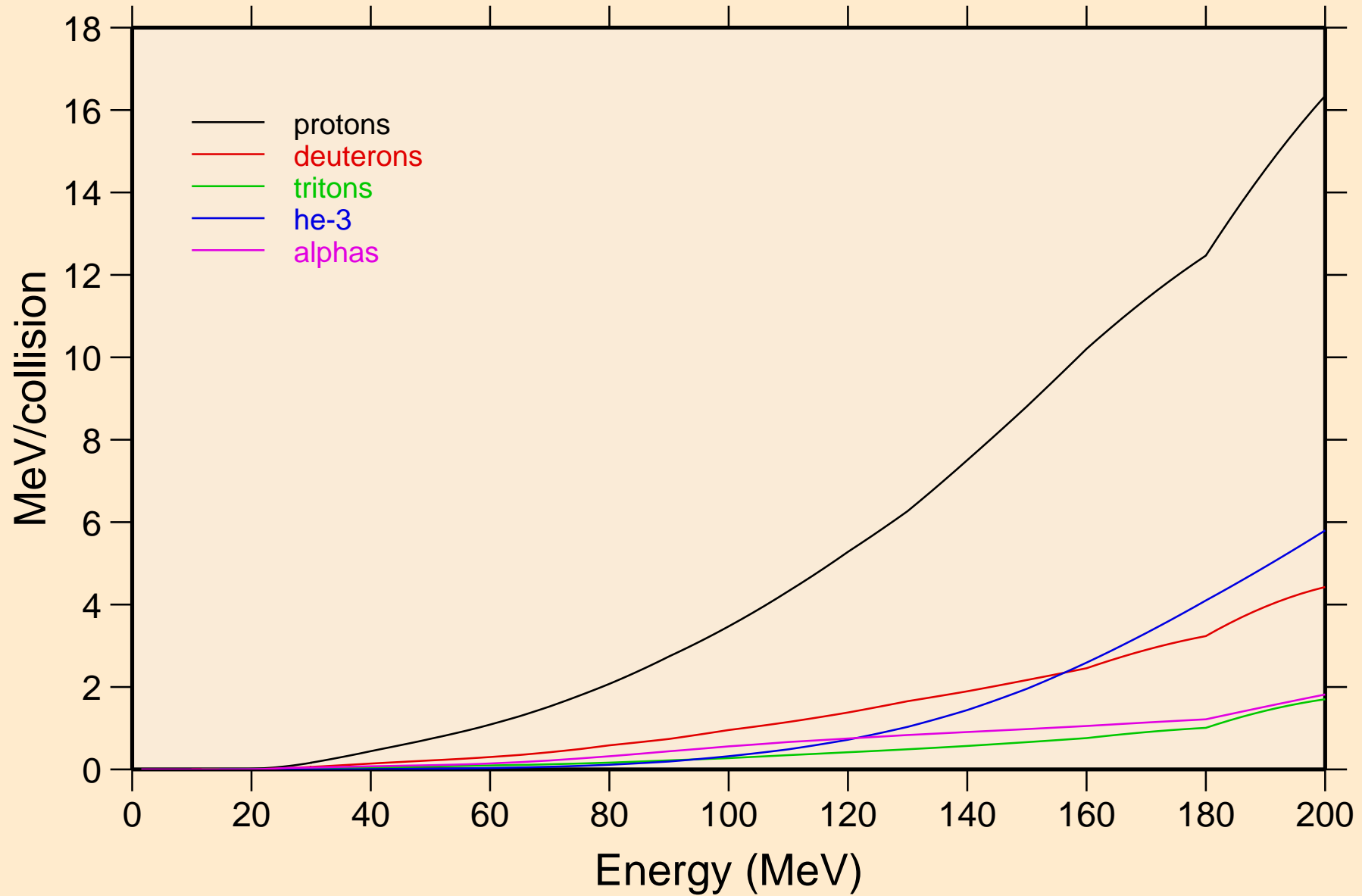


SN124 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



# SN124 NRG TENDL-2015, AKONING

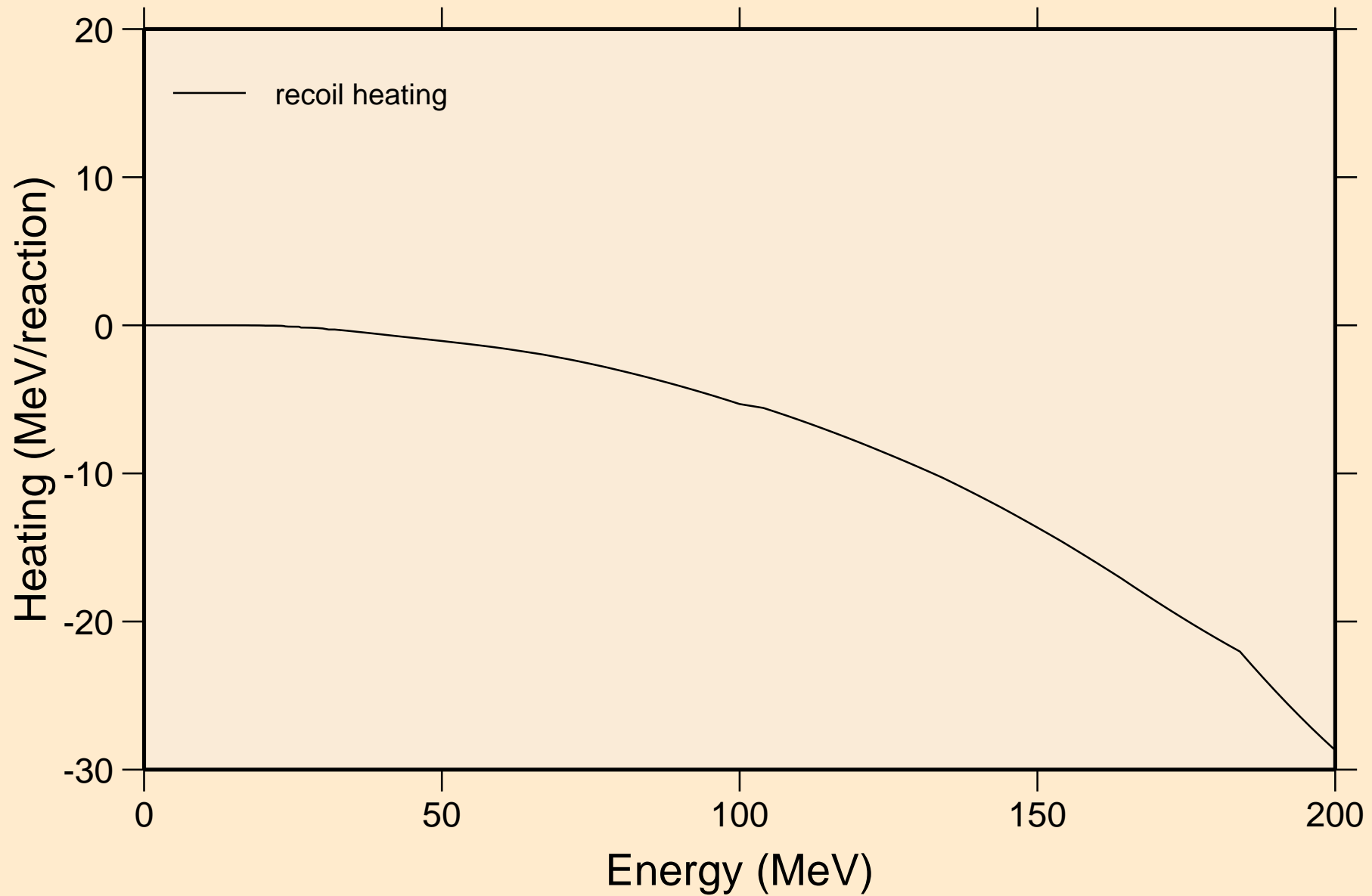
## Particle heating contributions





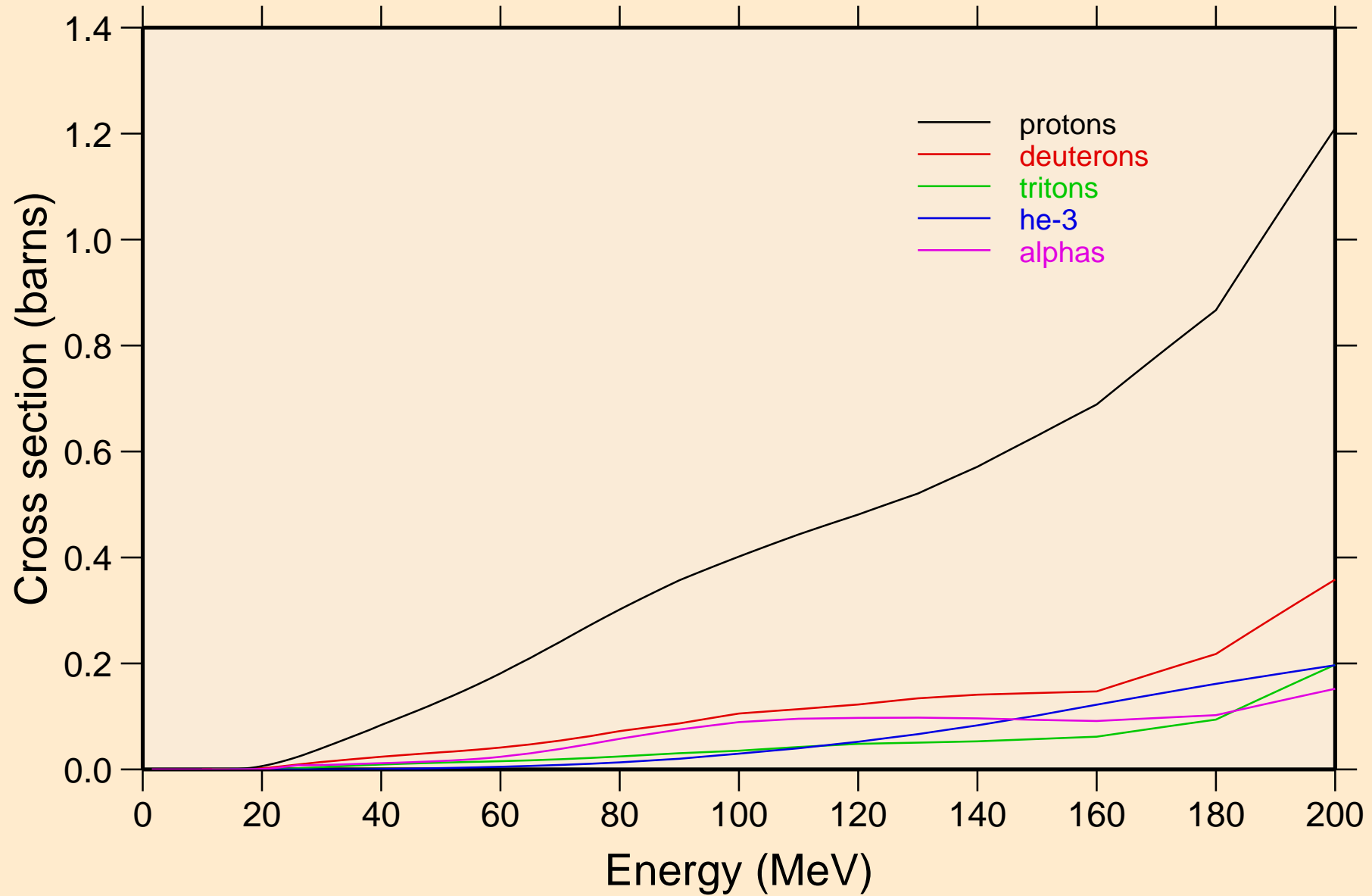
# SN124 NRG TENDL-2015, AKONING

## Recoil Heating

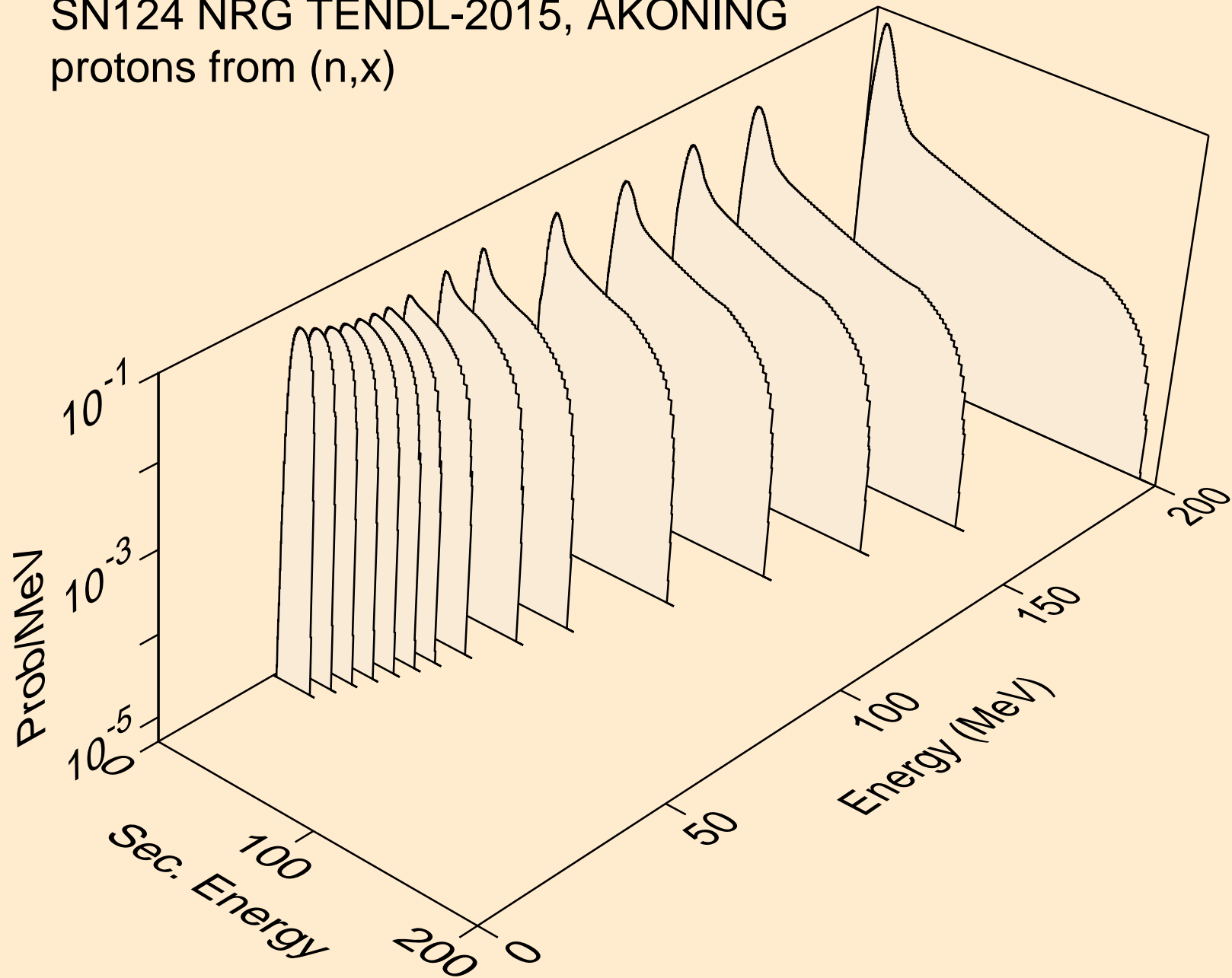


# SN124 NRG TENDL-2015, AKONING

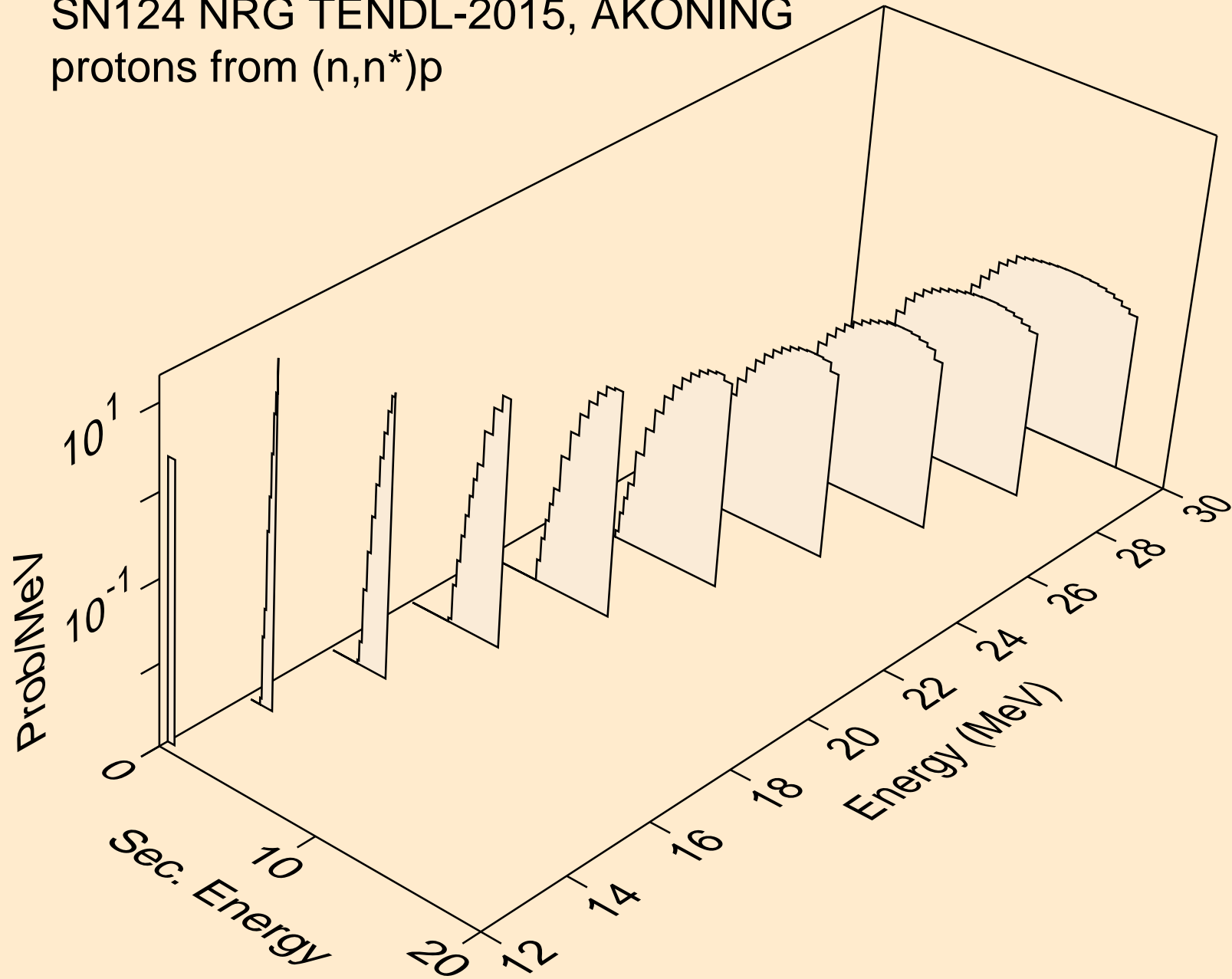
## Particle production cross sections



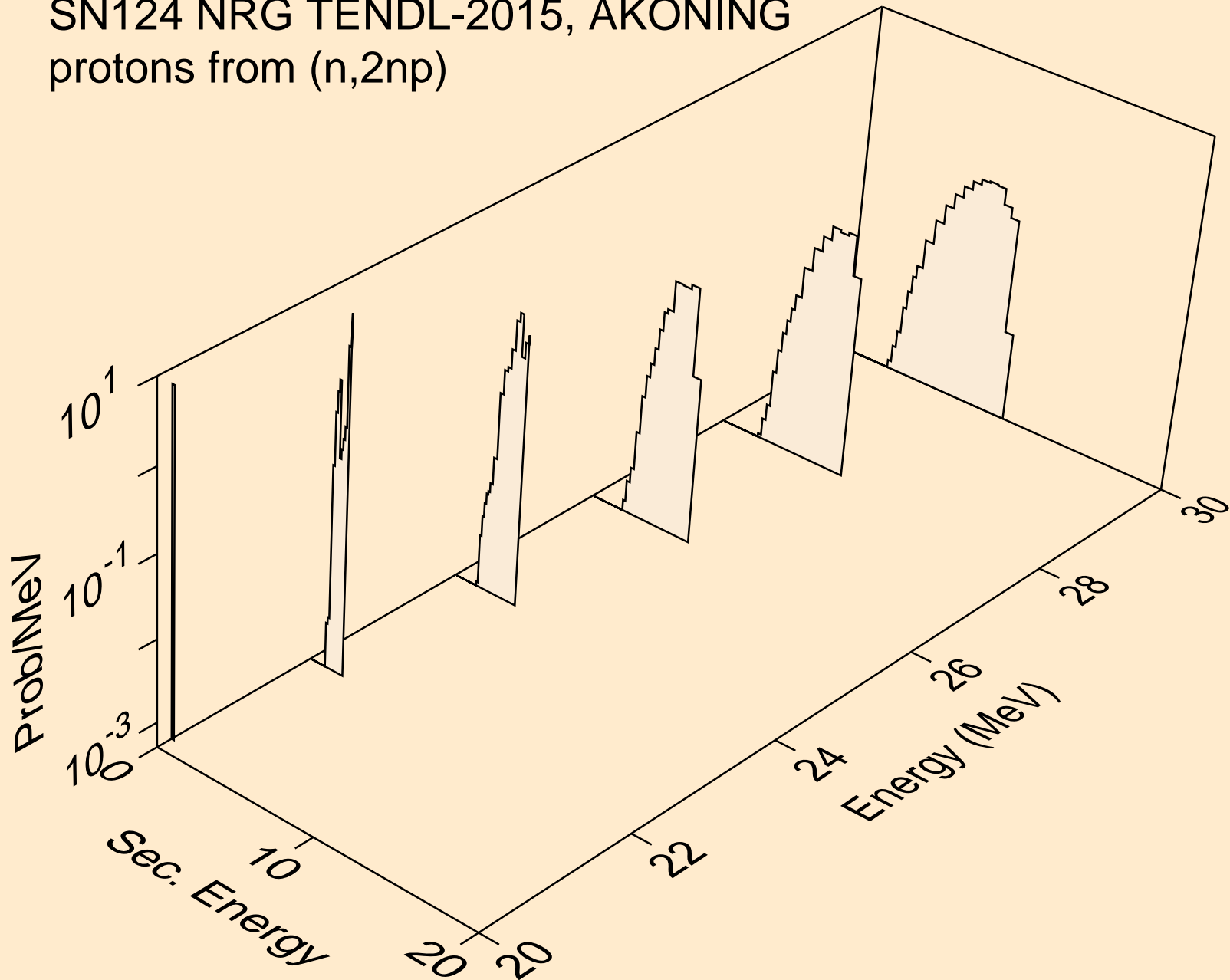
SN124 NRG TENDL-2015, AKONING  
protons from (n,x)



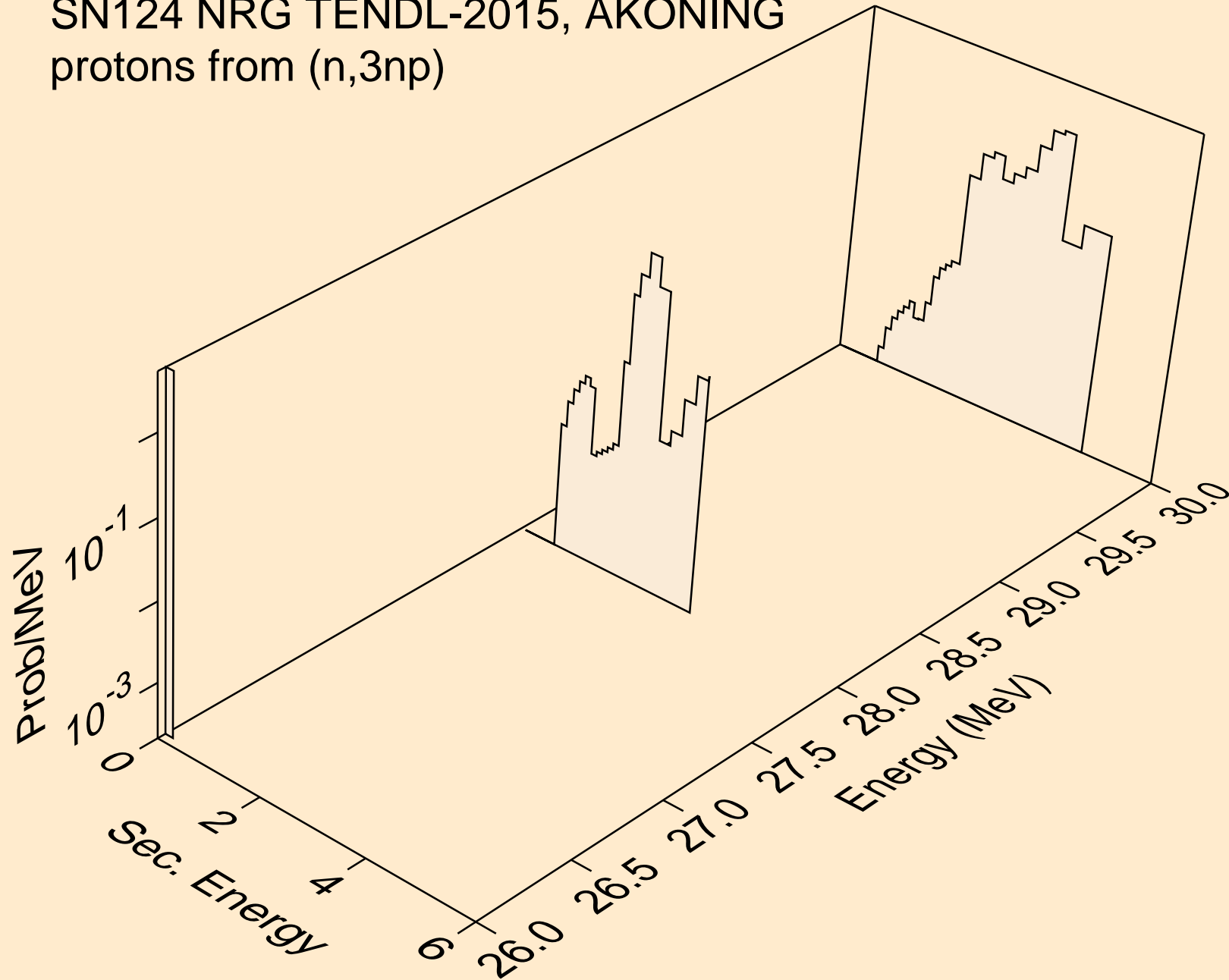
SN124 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



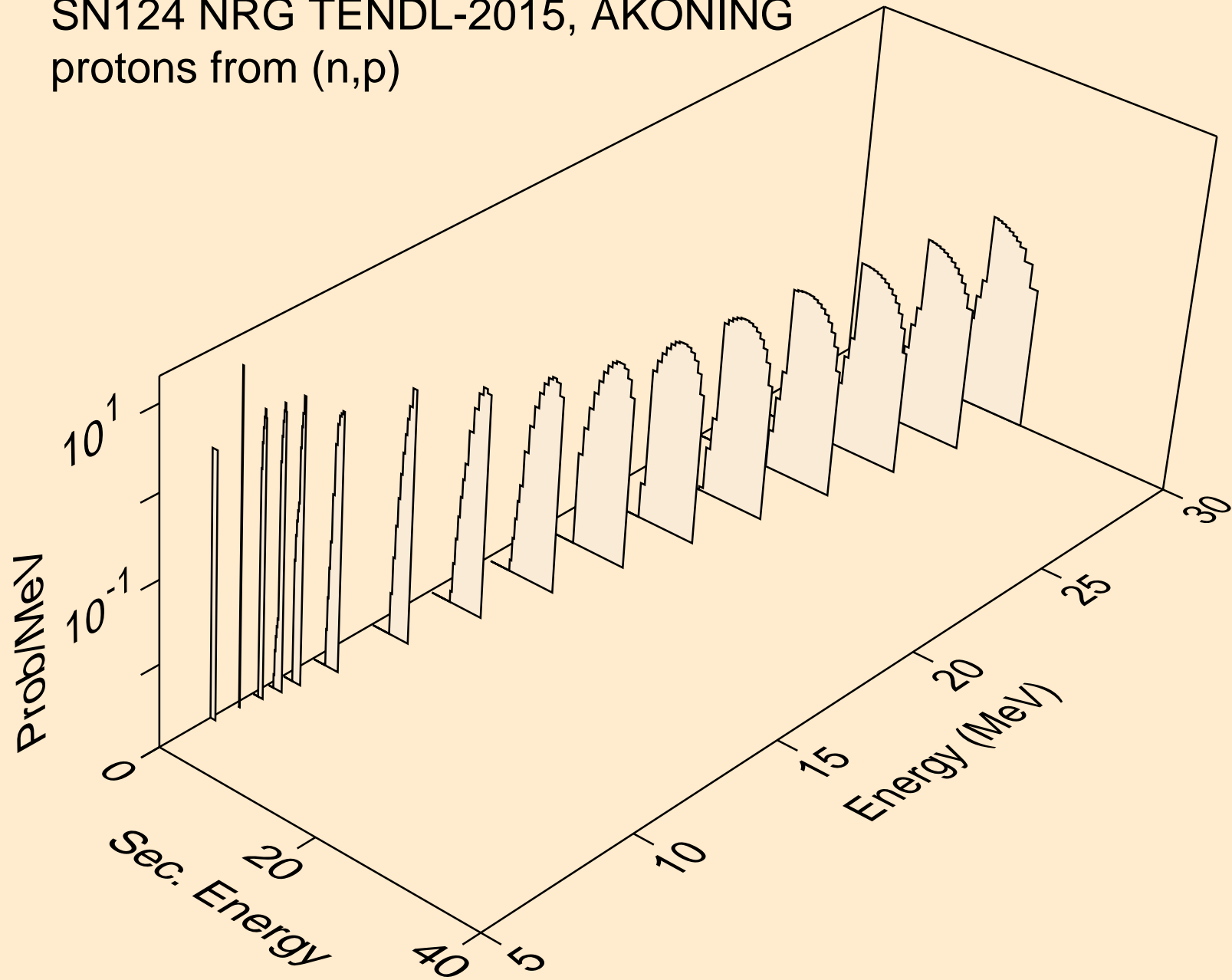
SN124 NRG TENDL-2015, AKONING  
protons from (n,2np)



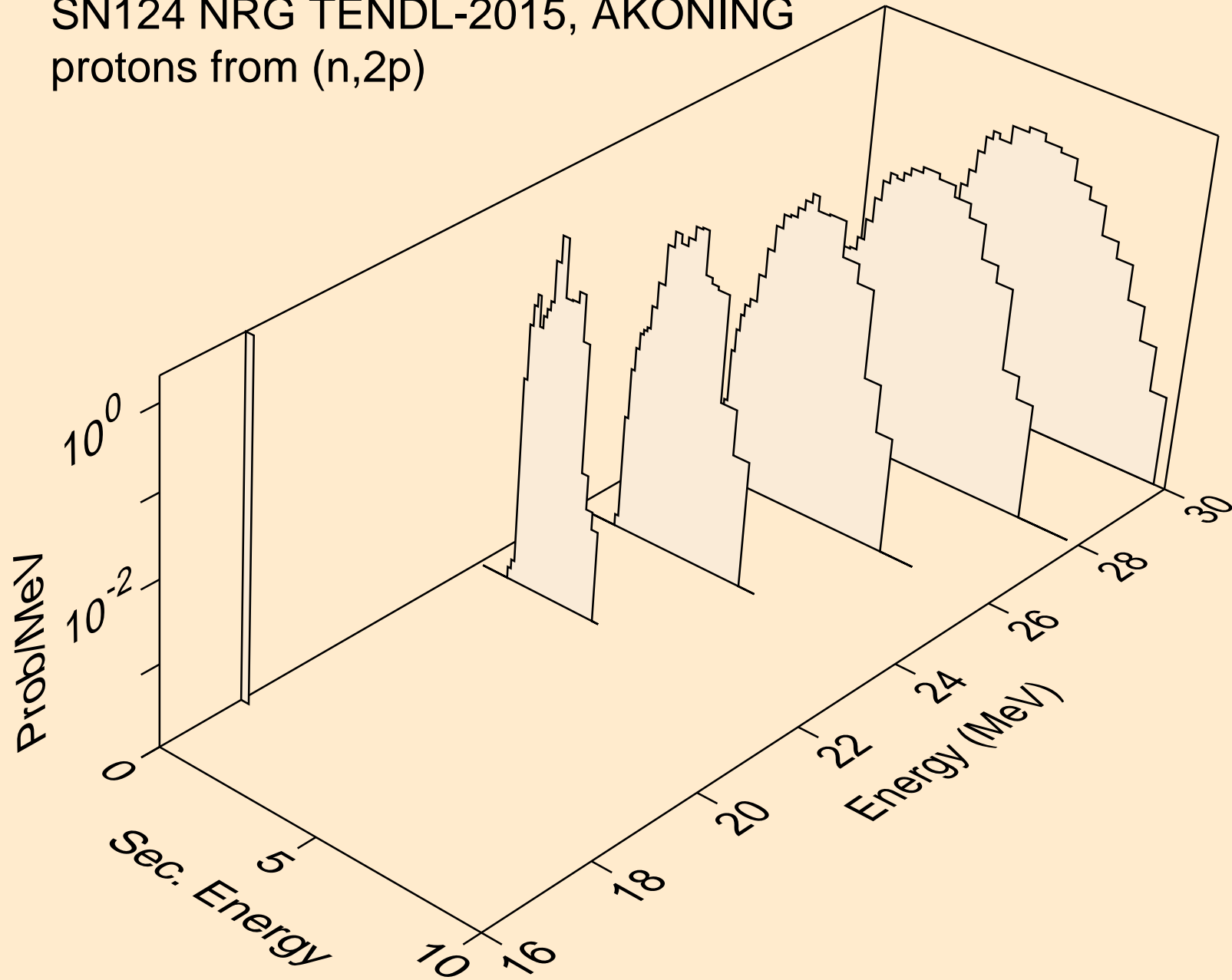
SN124 NRG TENDL-2015, AKONING  
protons from (n,3np)



SN124 NRG TENDL-2015, AKONING  
protons from (n,p)

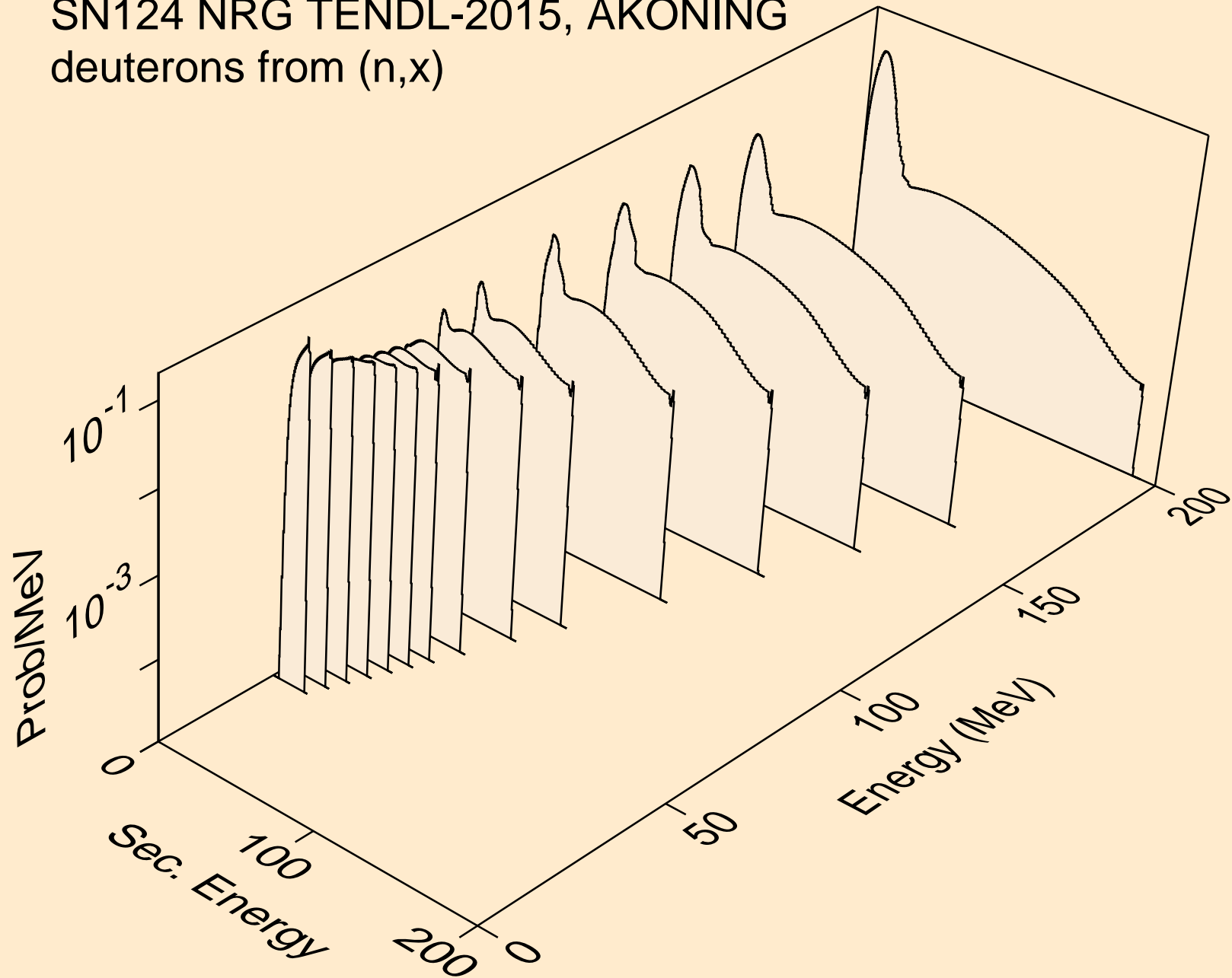


SN124 NRG TENDL-2015, AKONING  
protons from (n,2p)

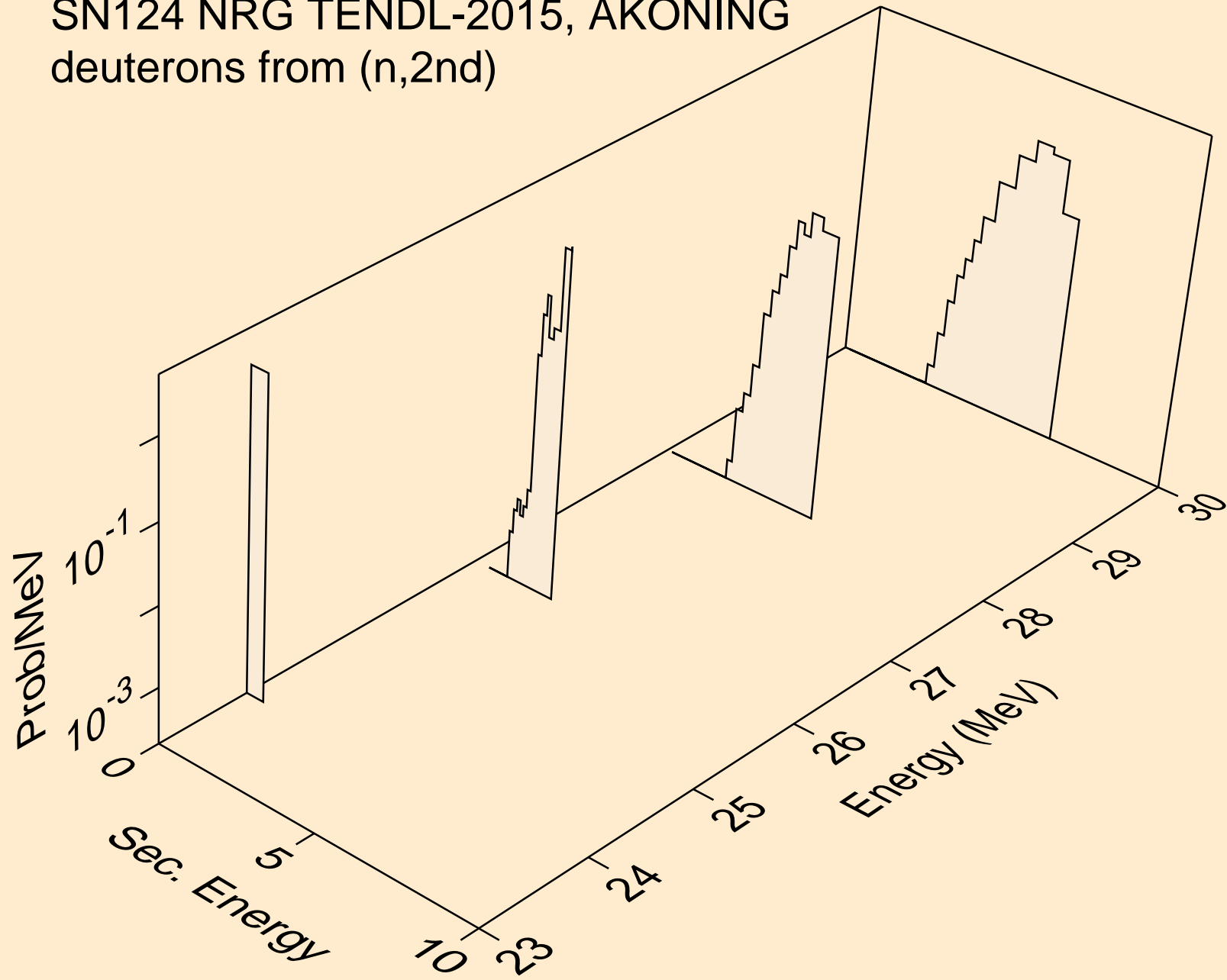




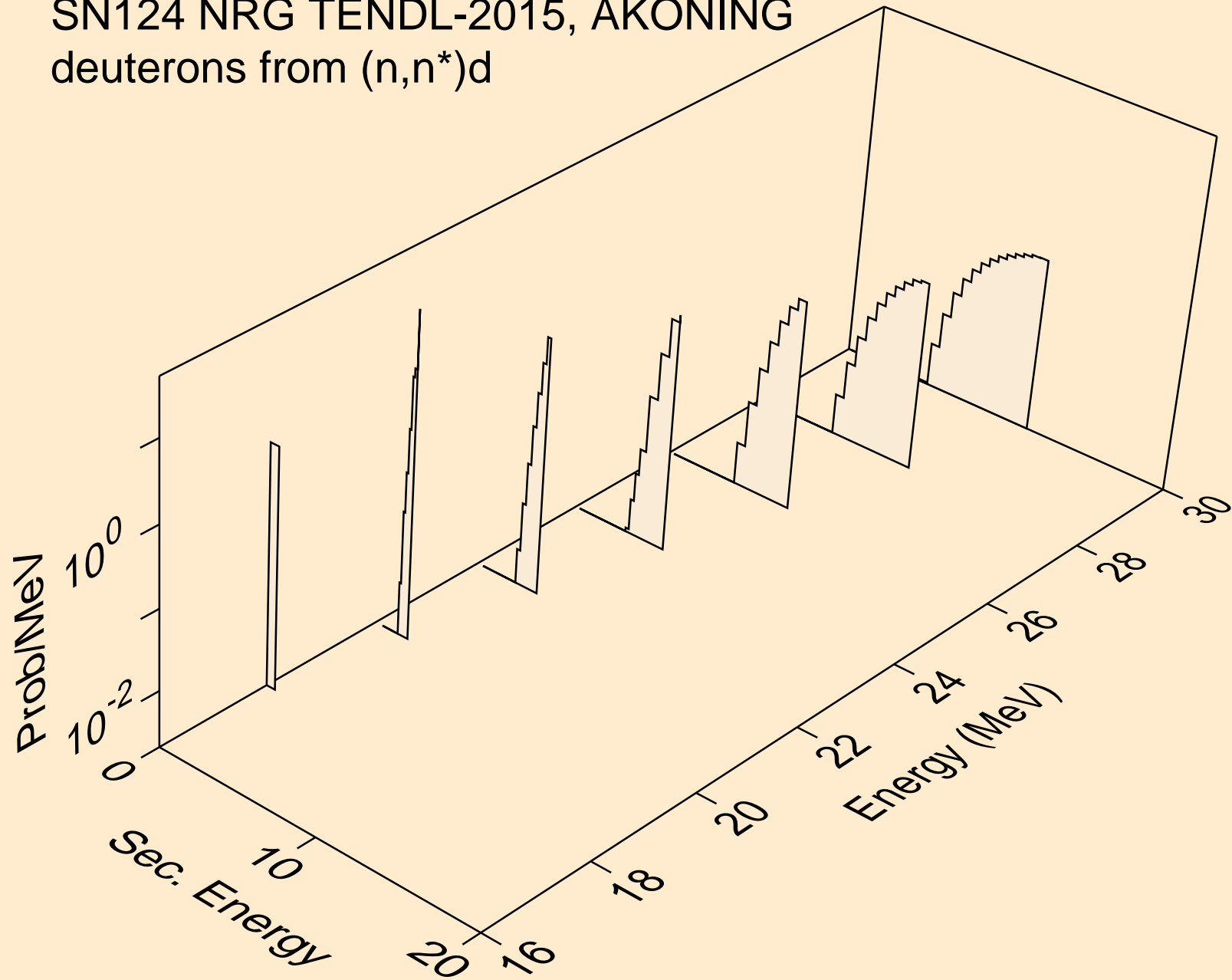
SN124 NRG TENDL-2015, AKONING  
deuterons from (n,x)



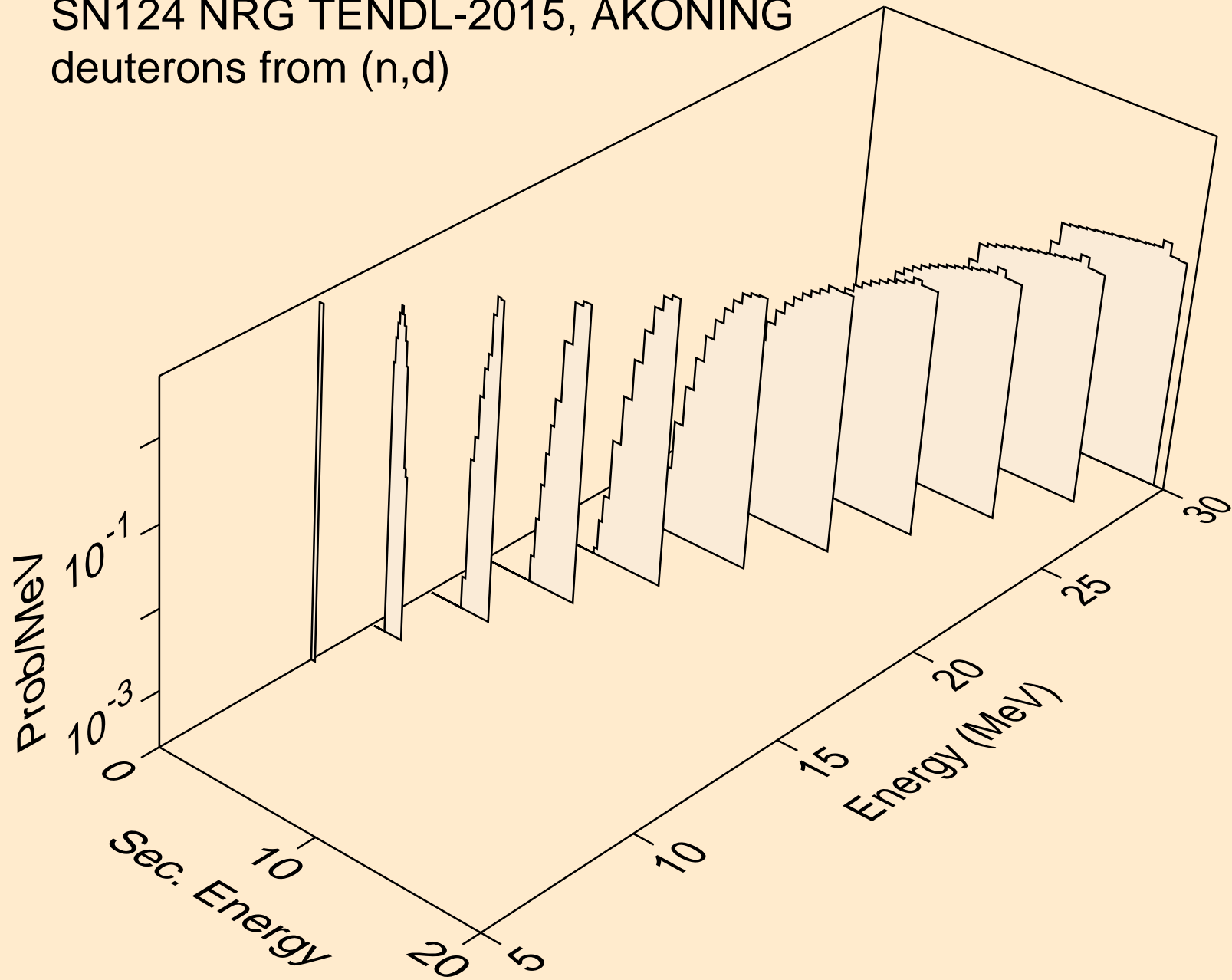
SN124 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



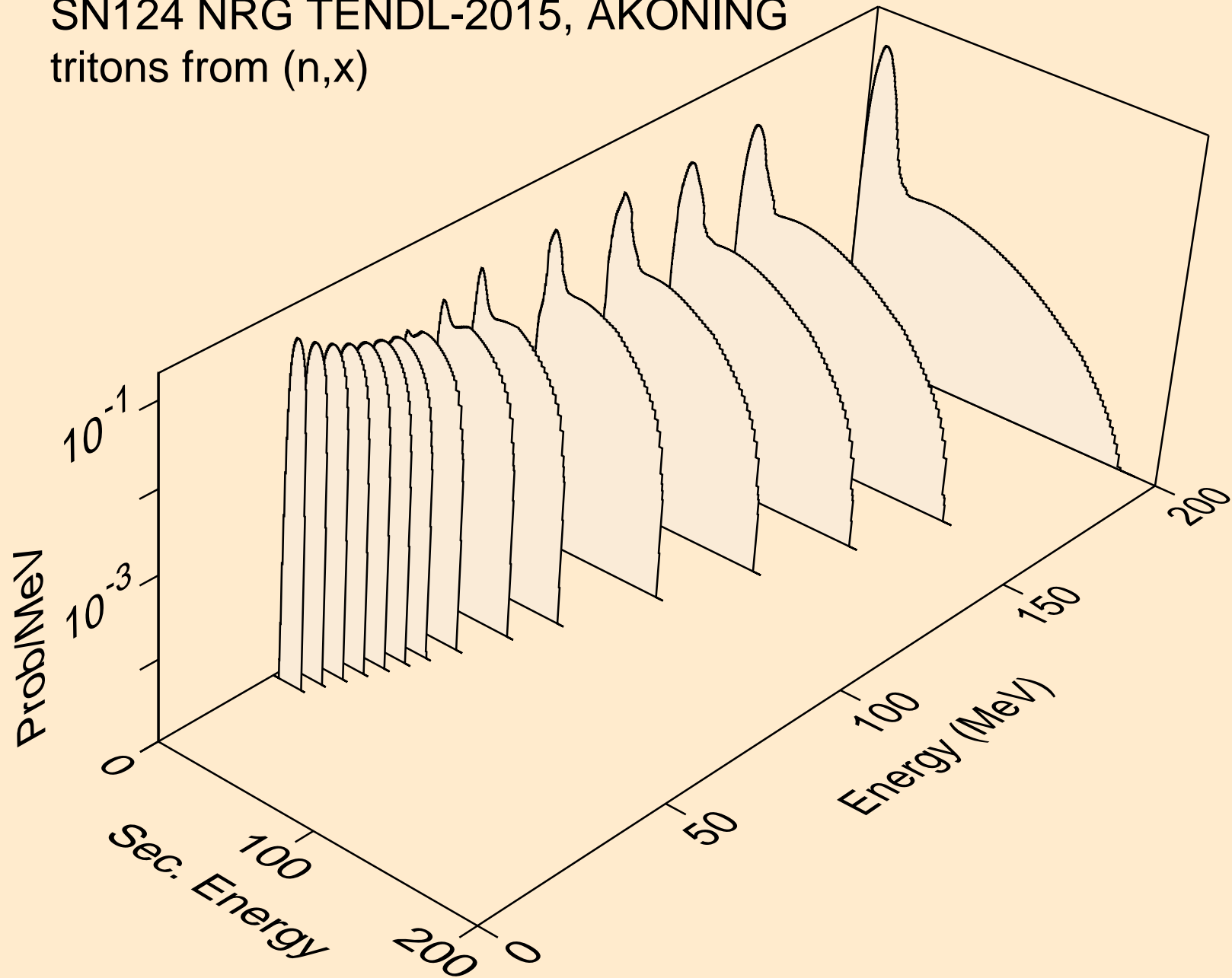
SN124 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



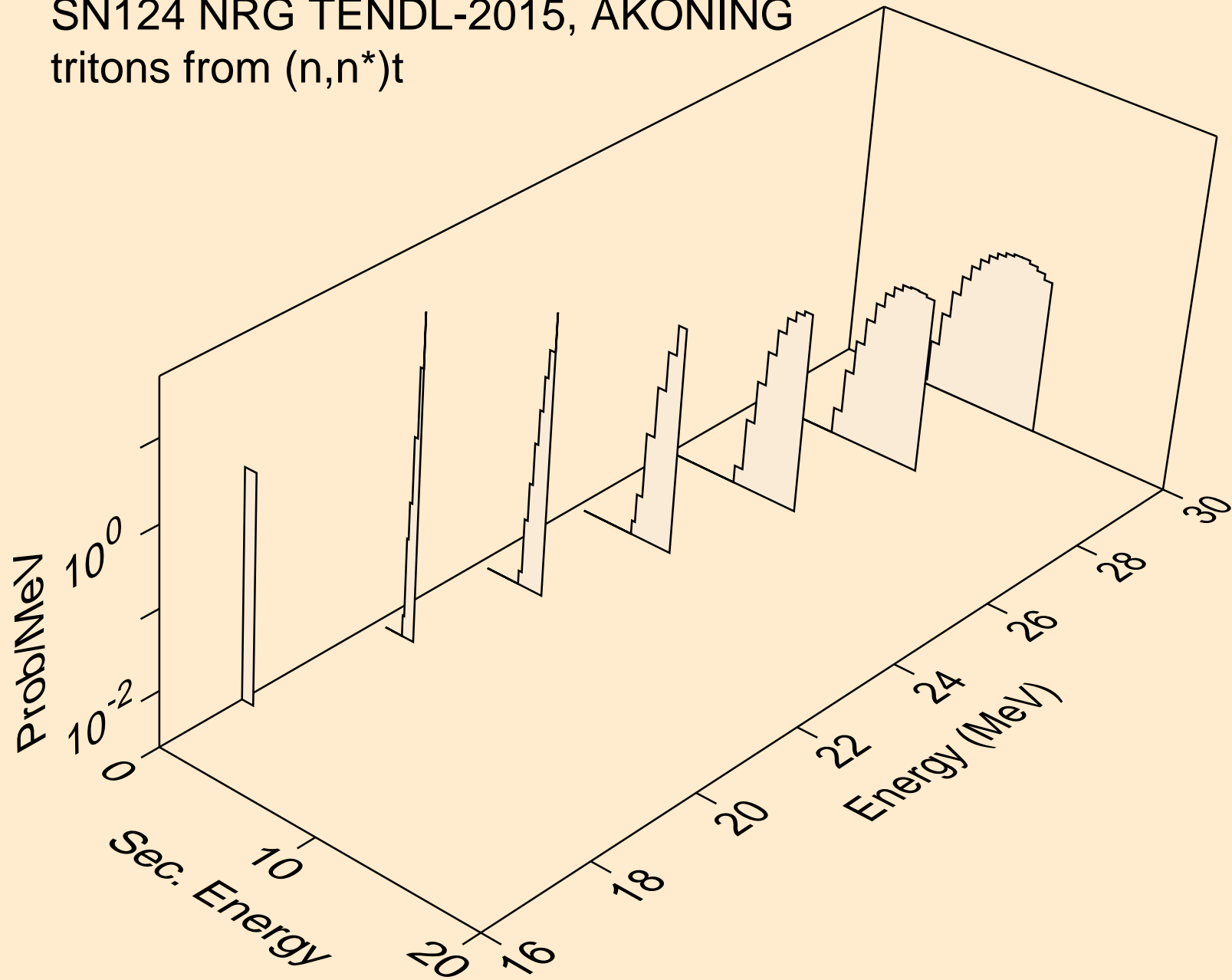
SN124 NRG TENDL-2015, AKONING  
deuterons from (n,d)



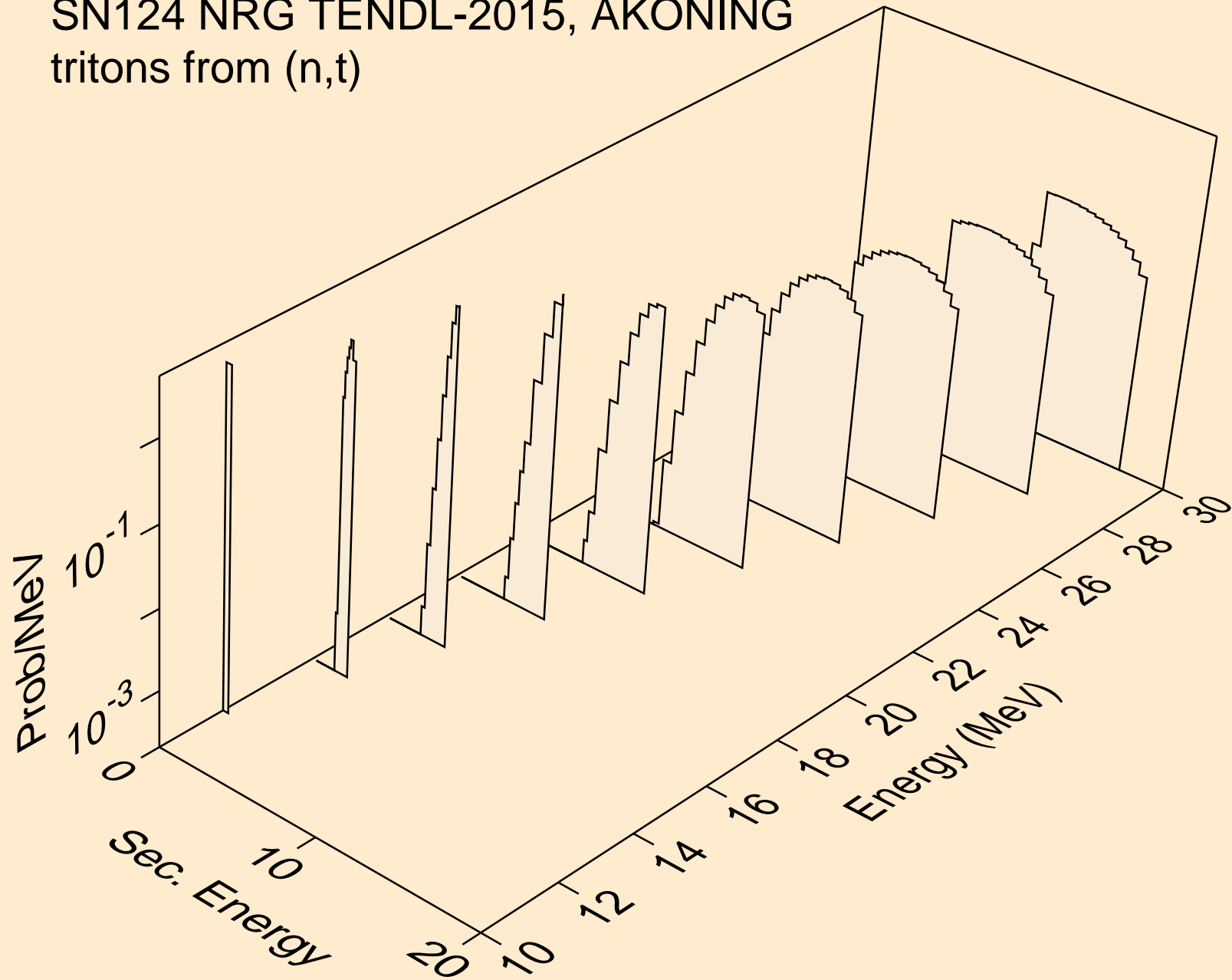
SN124 NRG TENDL-2015, AKONING  
tritons from (n,x)



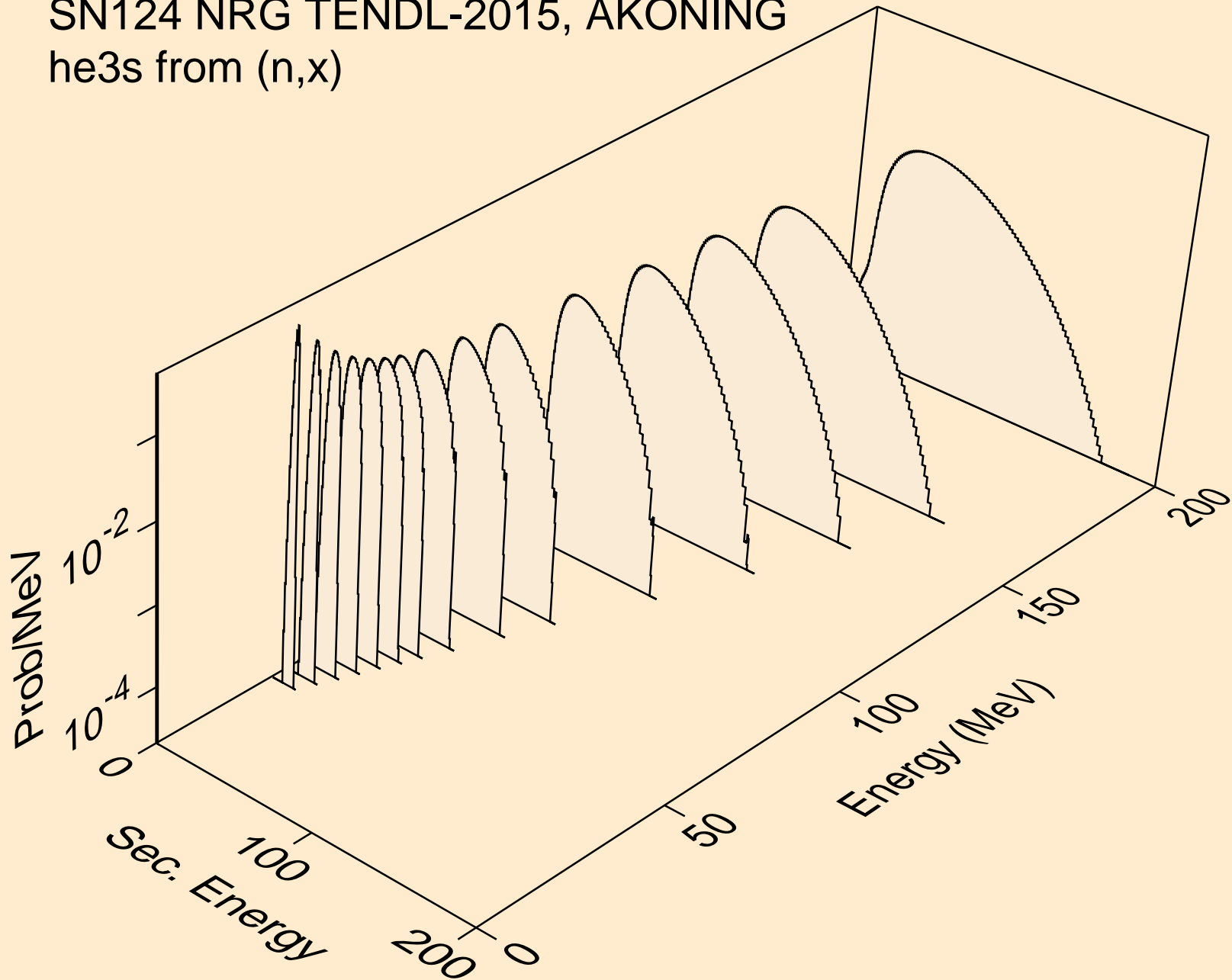
SN124 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



SN124 NRG TENDL-2015, AKONING  
tritons from (n,t)

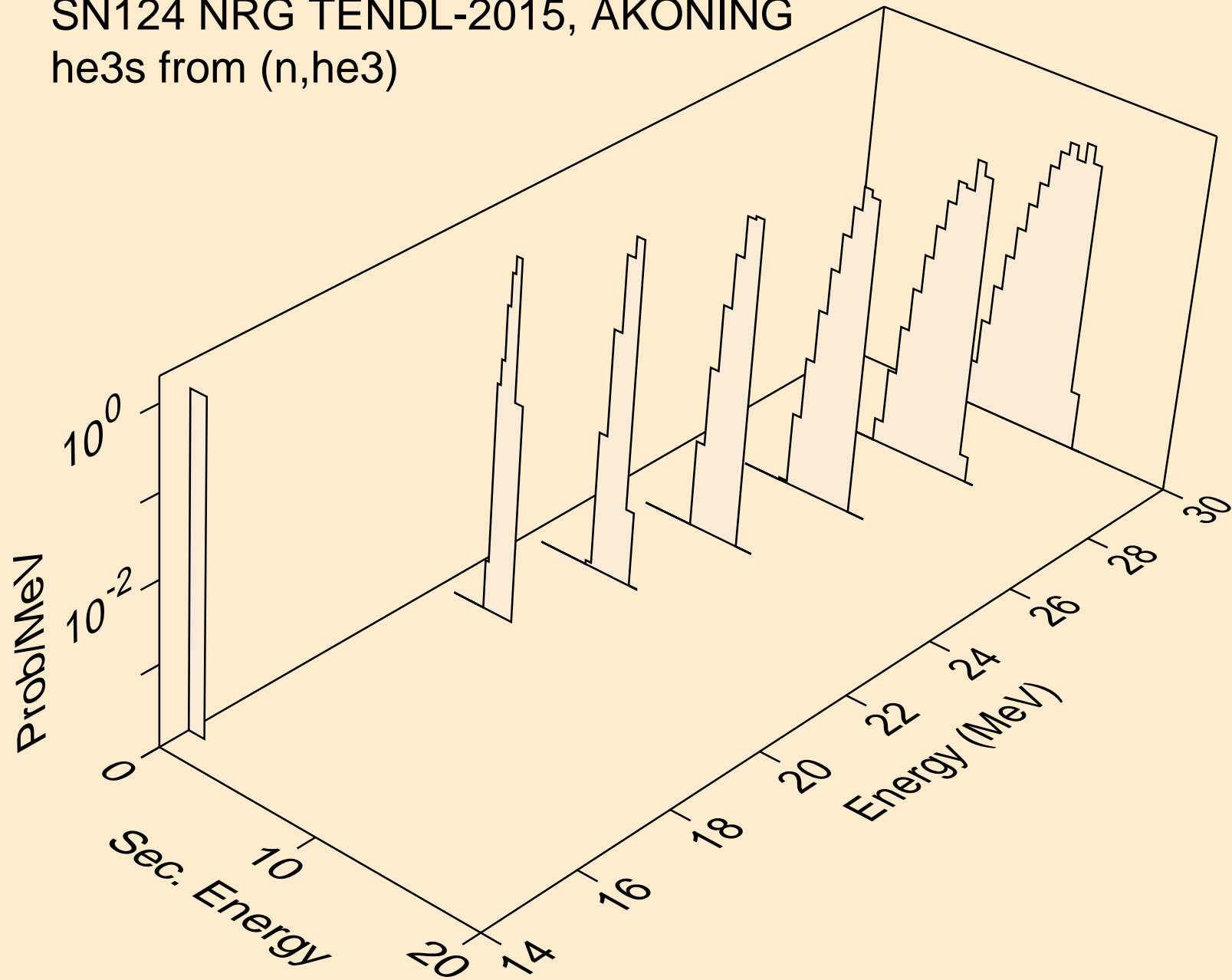


SN124 NRG TENDL-2015, AKONING  
he3s from (n,x)

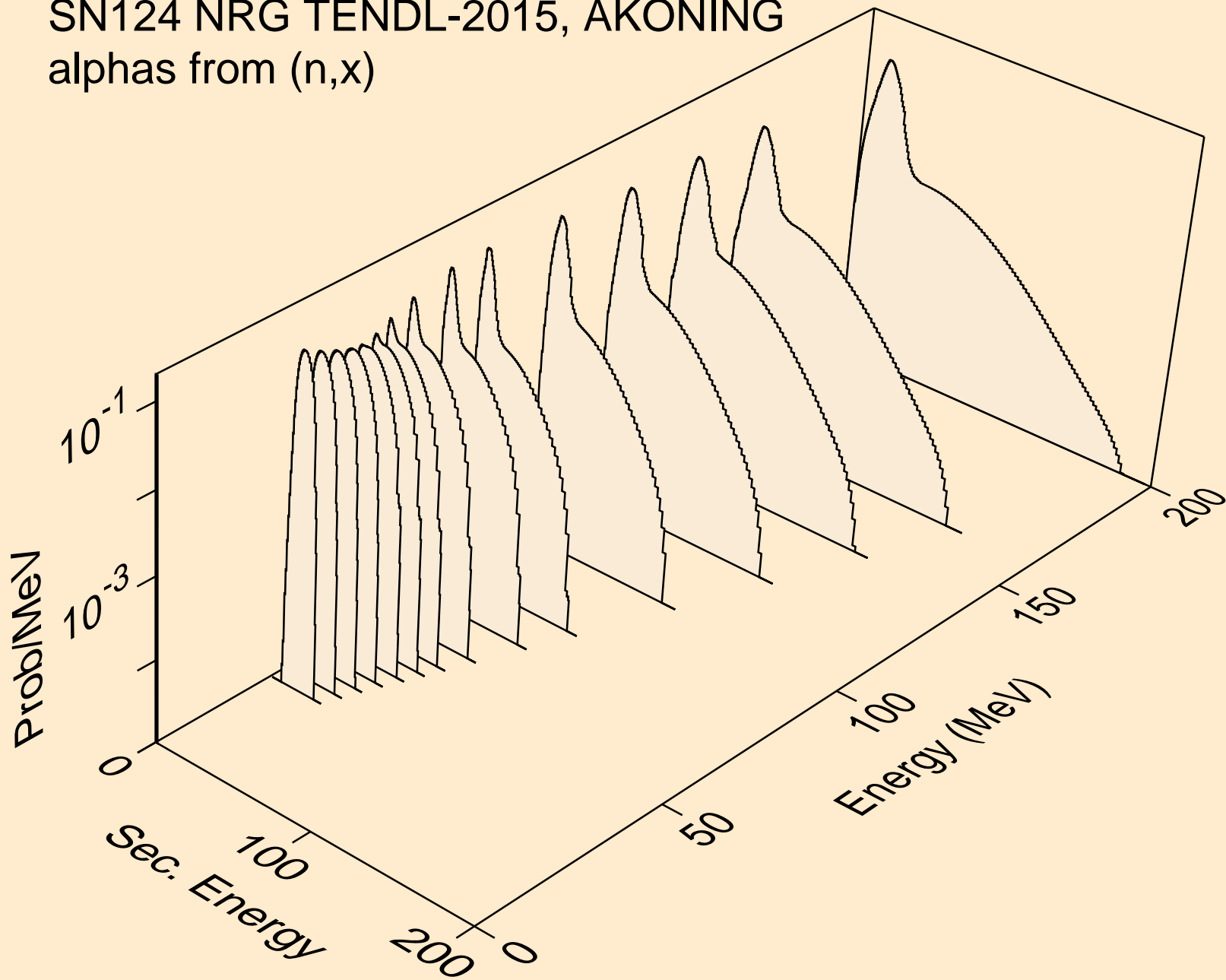




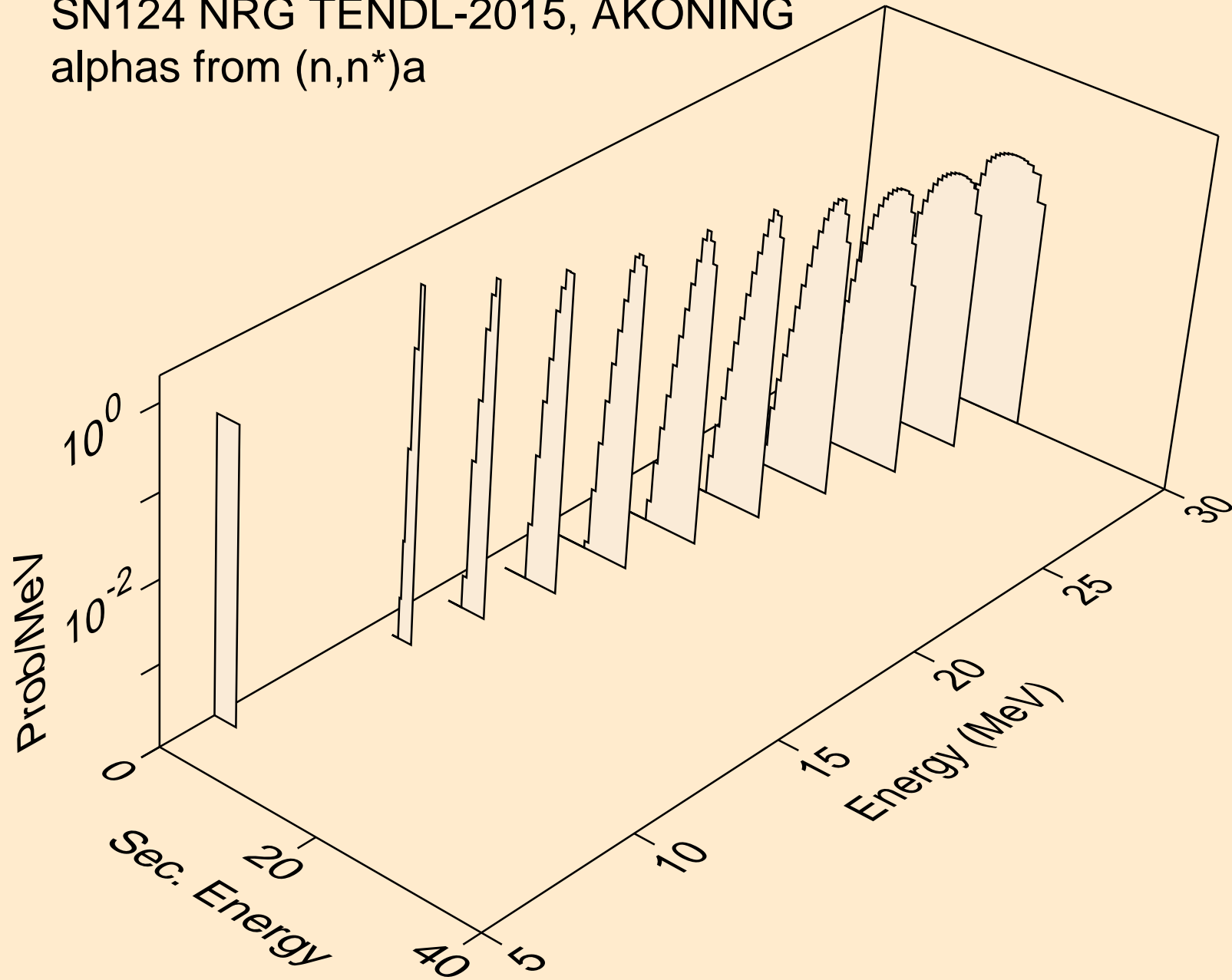
SN124 NRG TENDL-2015, AKONING  
he3s from (n,he3)



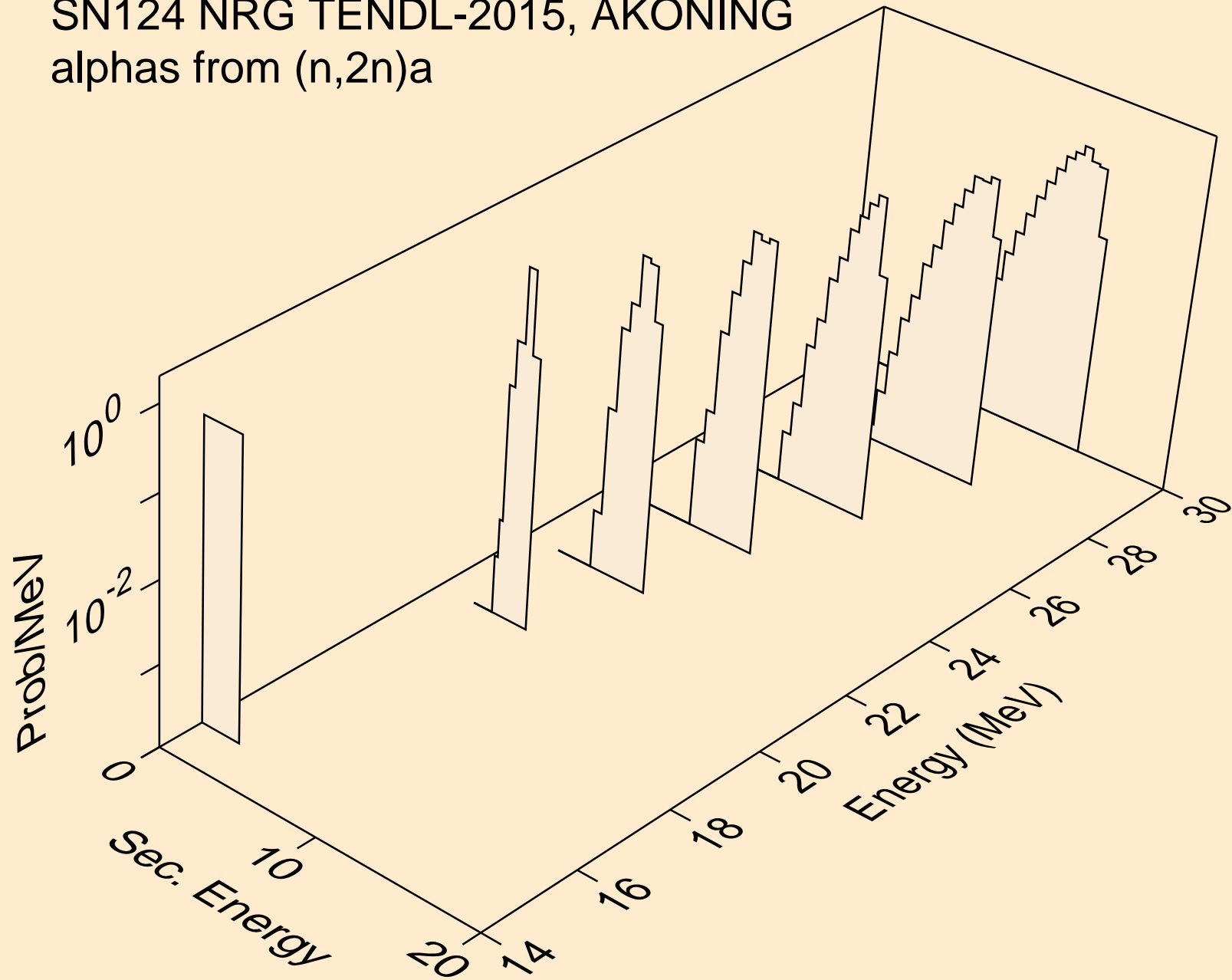
SN124 NRG TENDL-2015, AKONING  
alphas from (n,x)



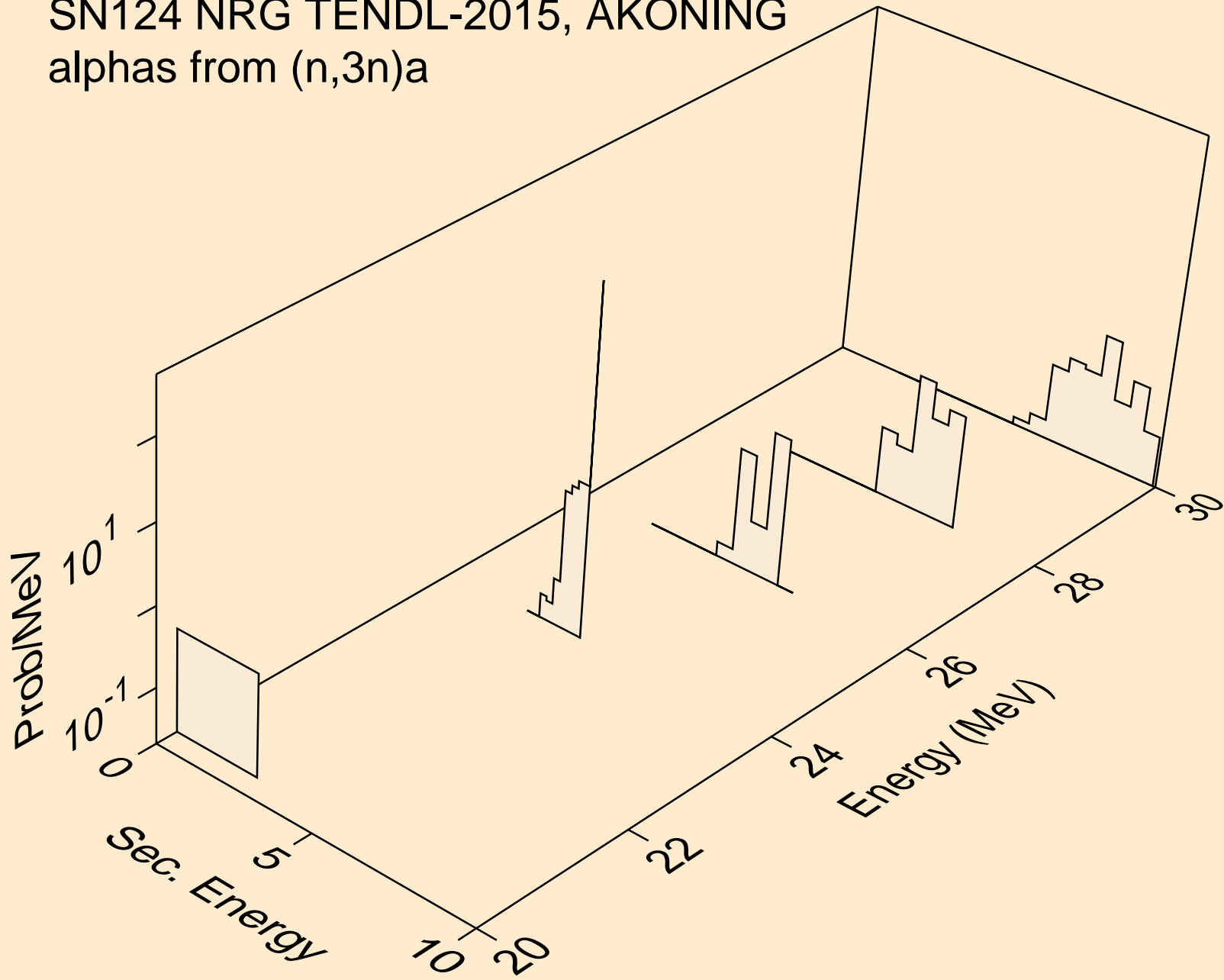
SN124 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



SN124 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



SN124 NRG TENDL-2015, AKONING  
alphas from (n,3n)a



SN124 NRG TENDL-2015, AKONING  
alphas from (n,a)

