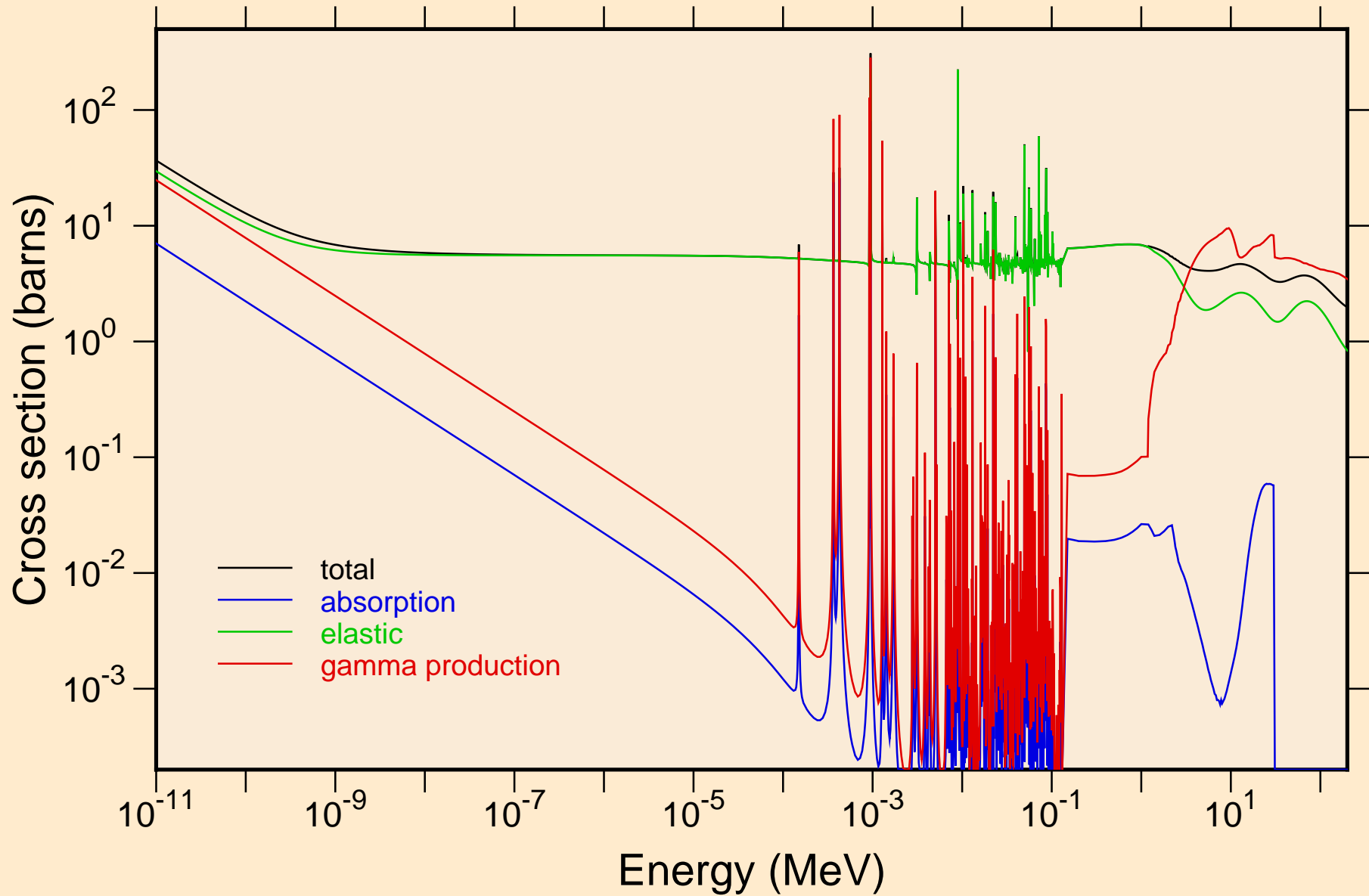
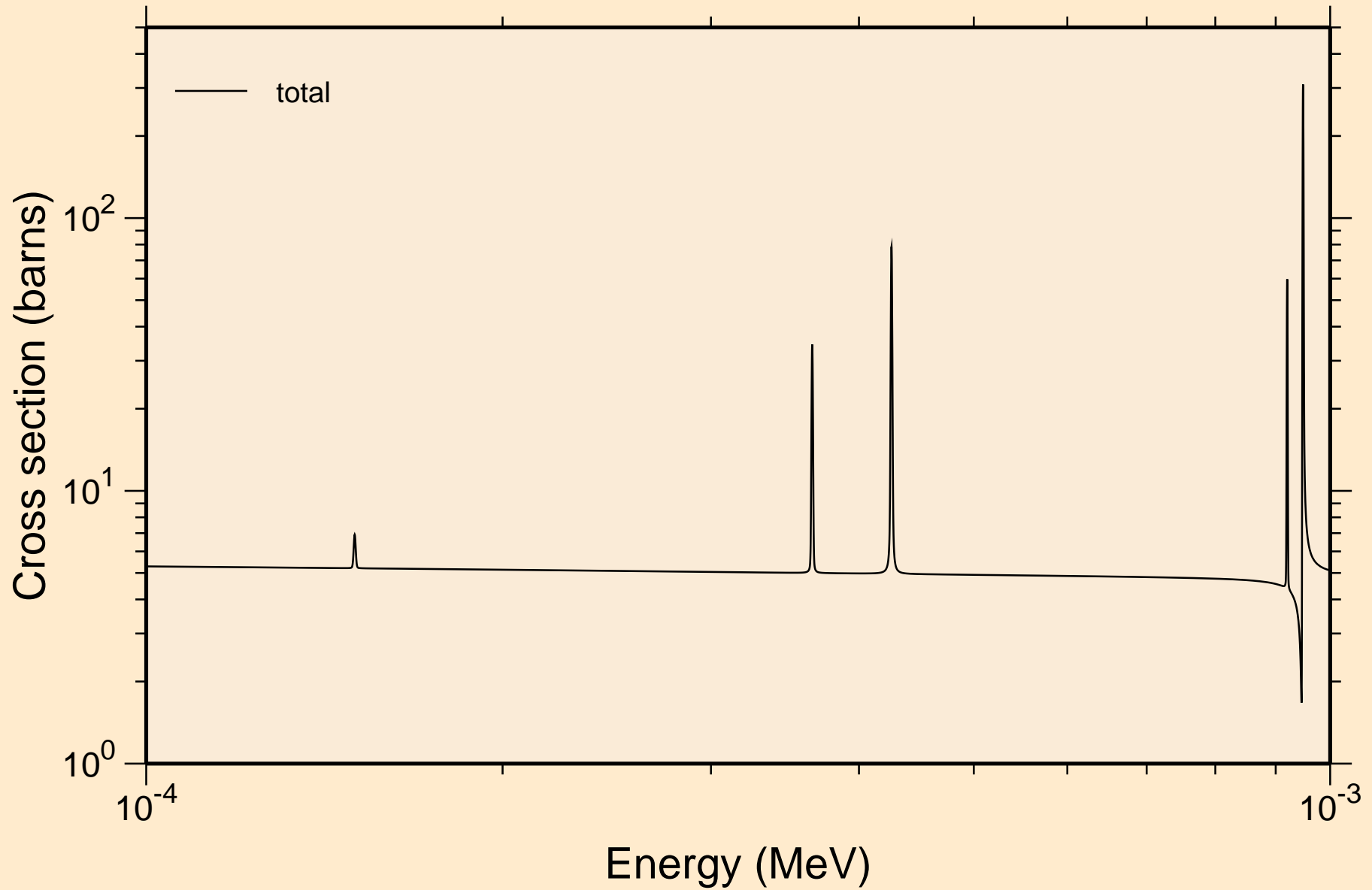


# SN120 NRG TENDL-2015, AKONING

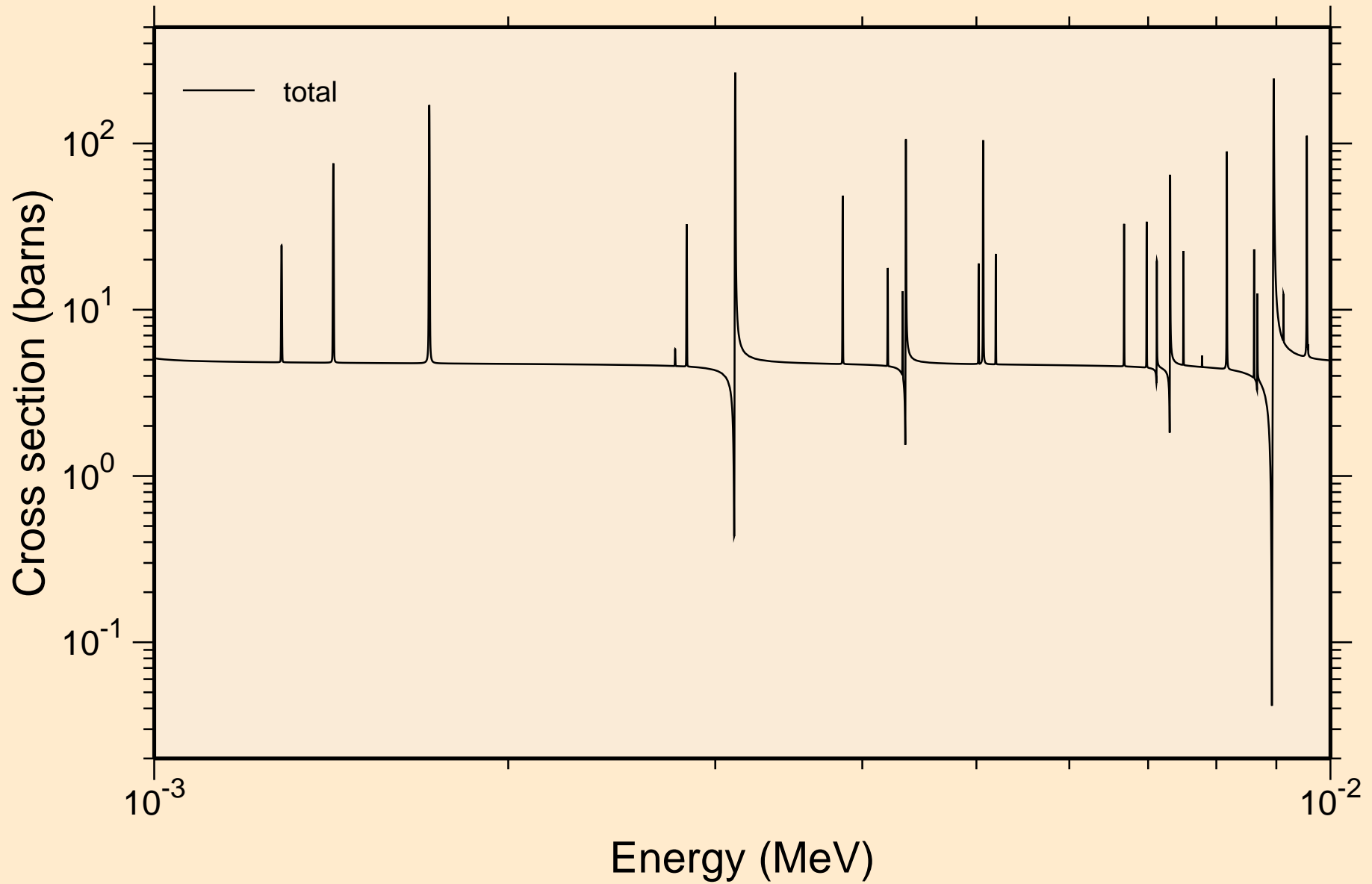
## Principal cross sections



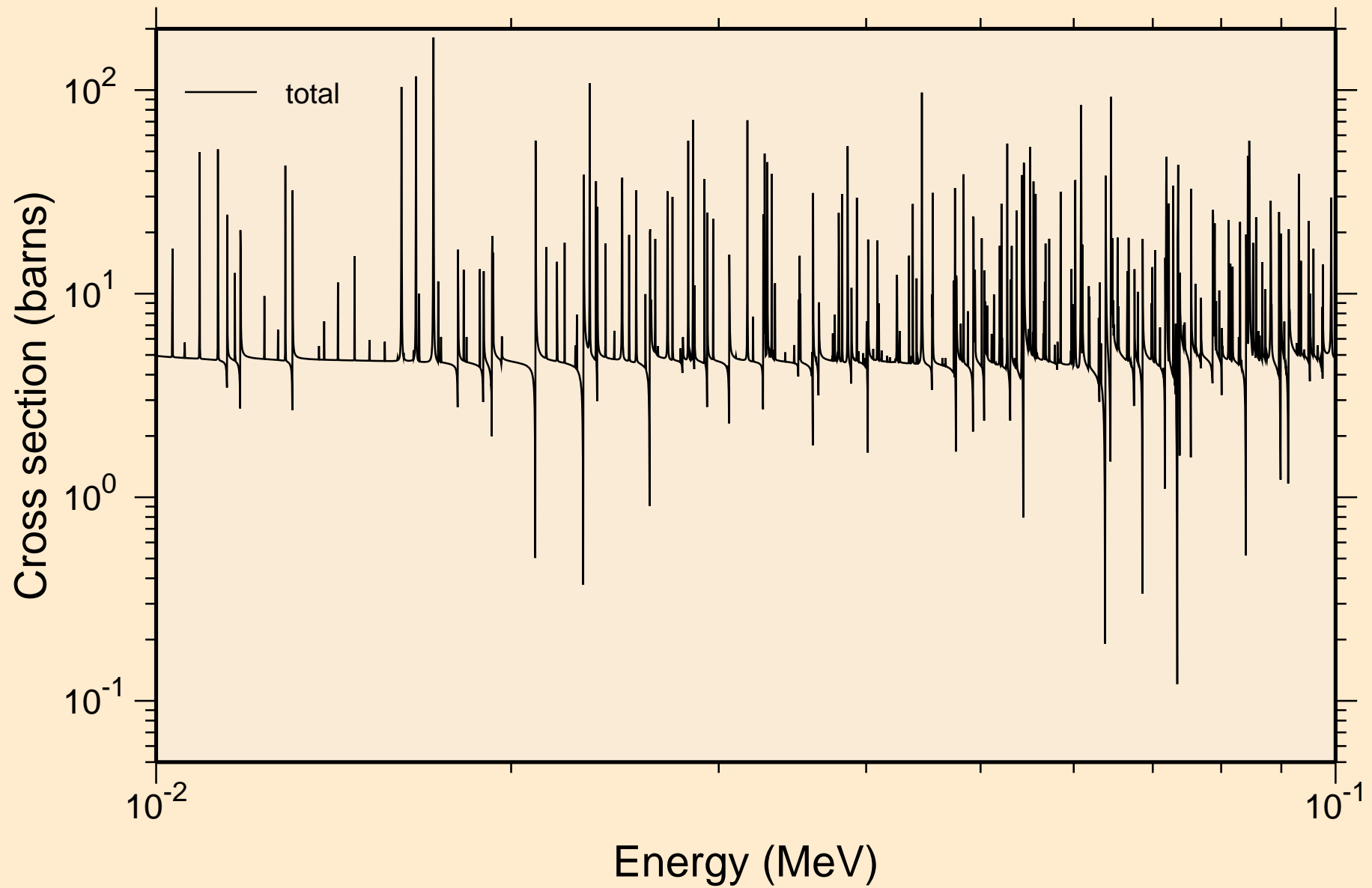
SN120 NRG TENDL-2015, AKONING  
resonance total cross section



SN120 NRG TENDL-2015, AKONING  
resonance total cross section

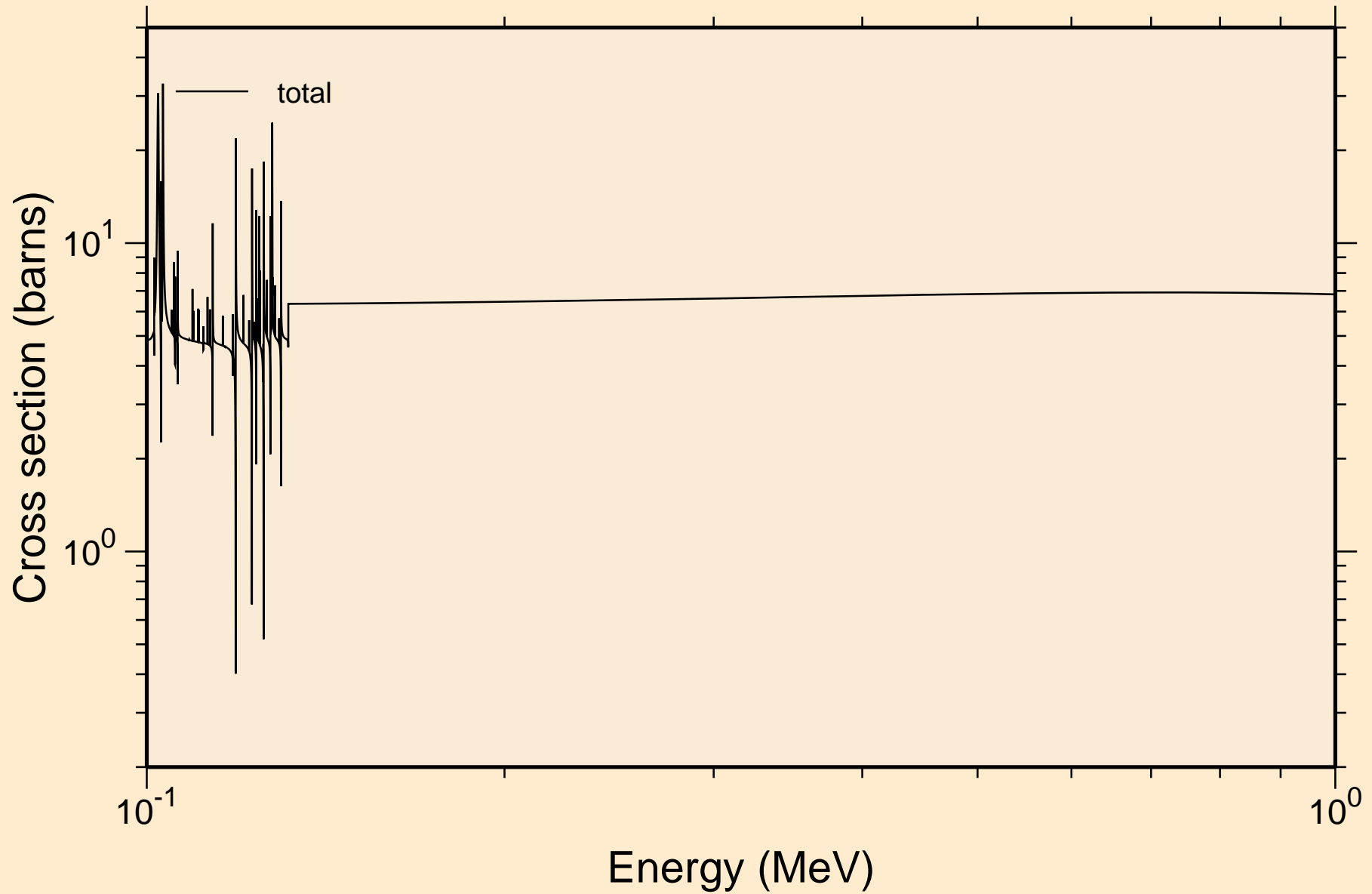


SN120 NRG TENDL-2015, AKONING  
resonance total cross section

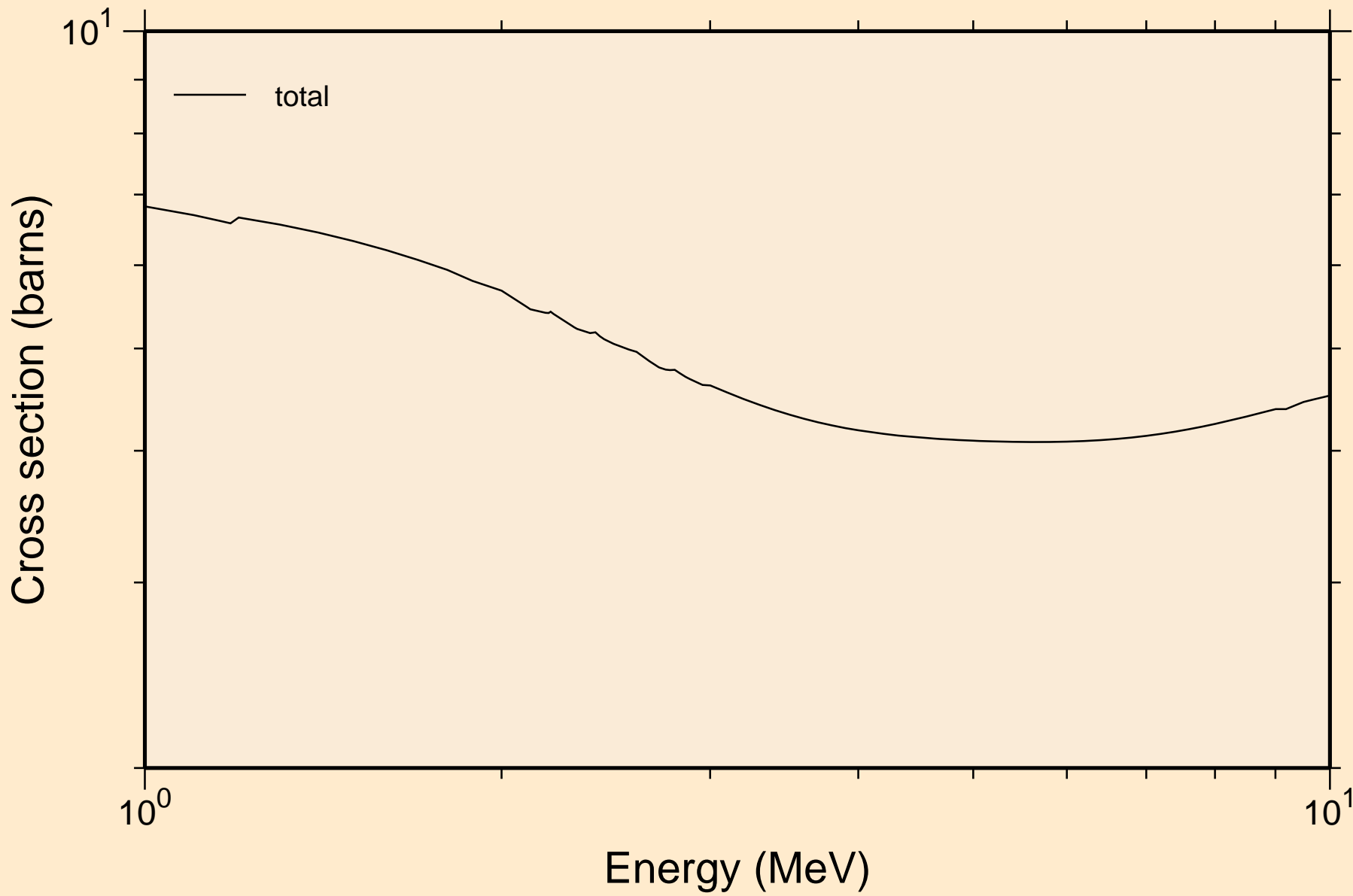


# SN120 NRG TENDL-2015, AKONING

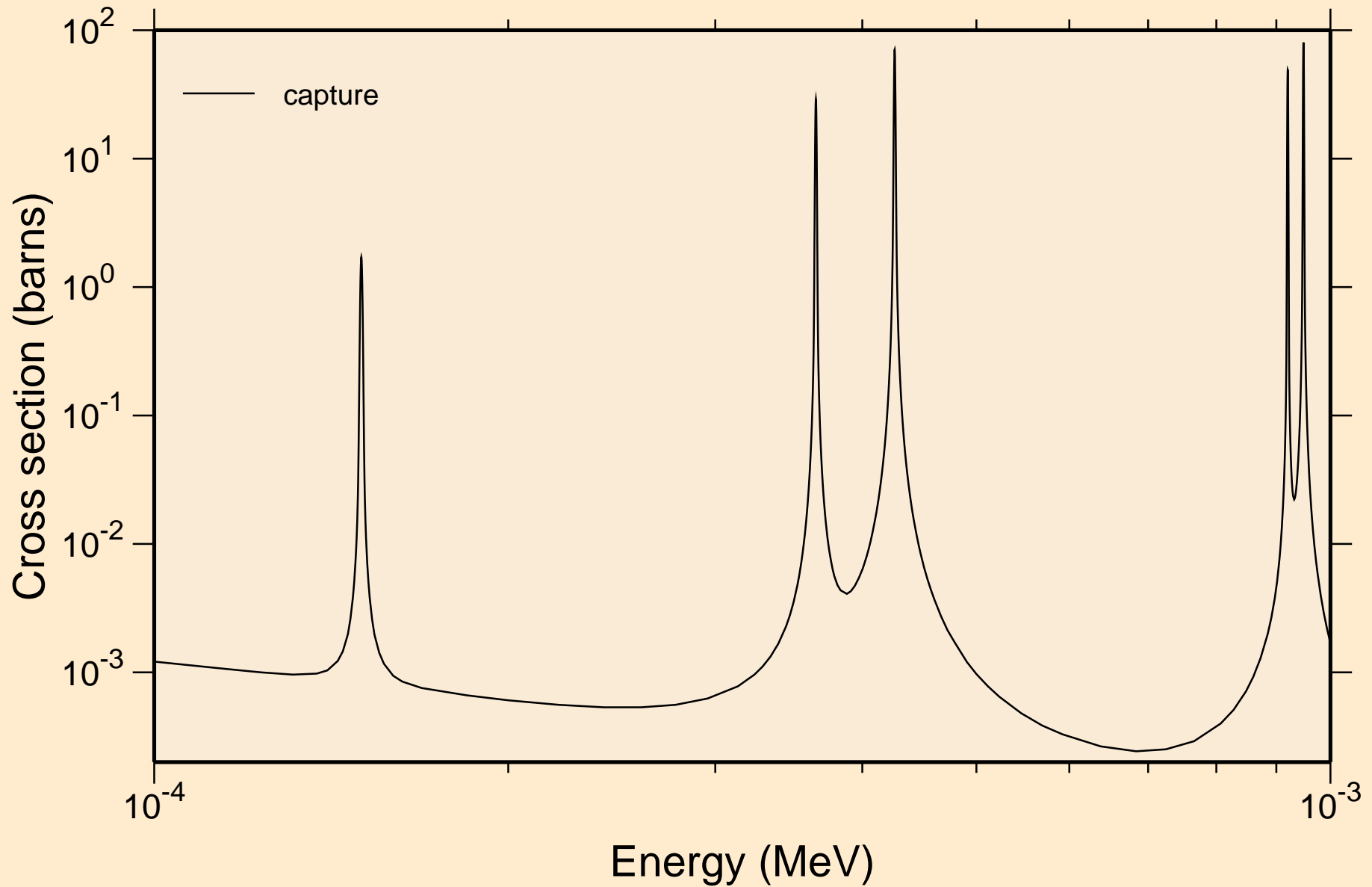
## resonance total cross section



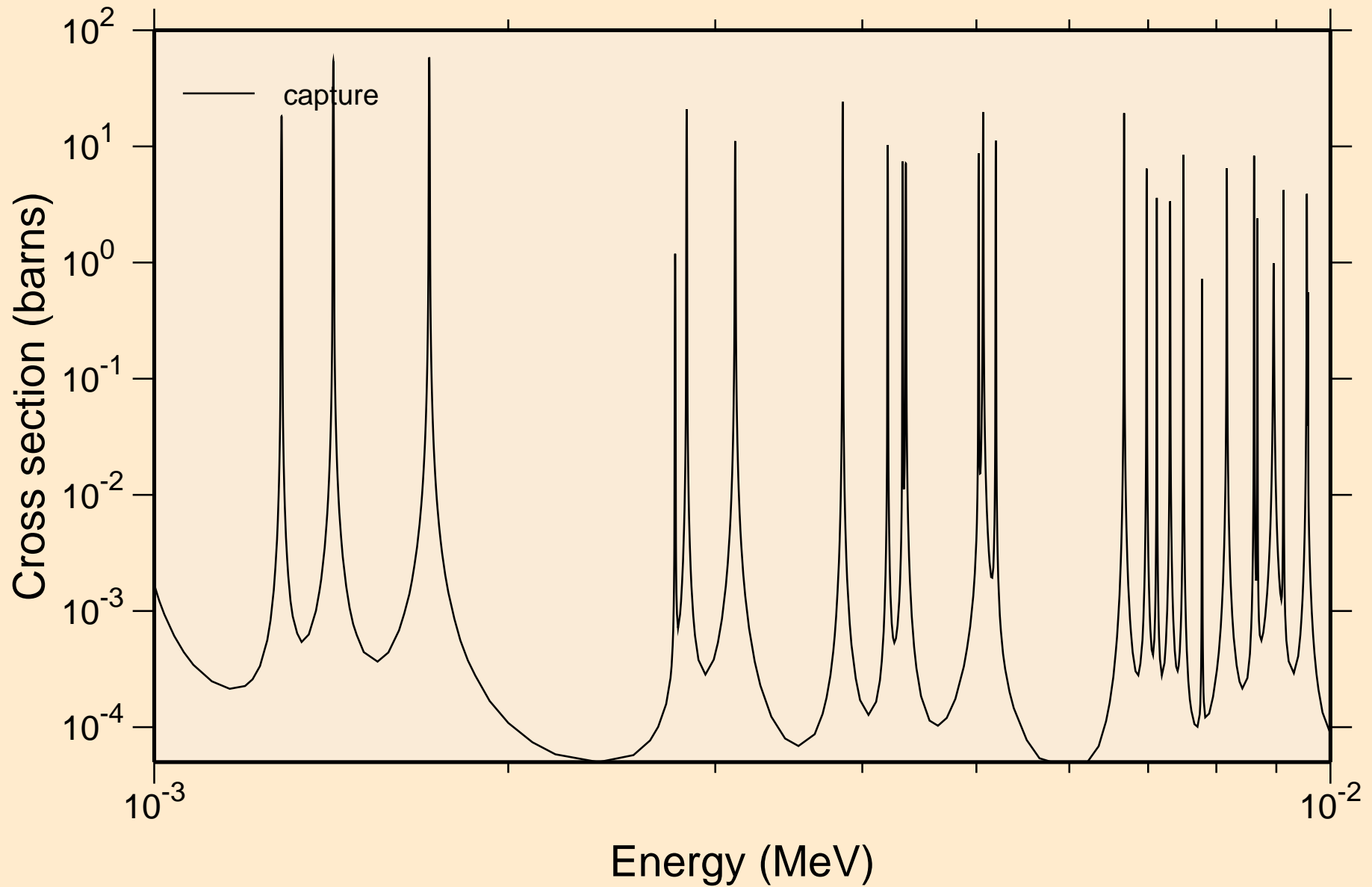
SN120 NRG TENDL-2015, AKONING  
resonance total cross section



# SN120 NRG TENDL-2015, AKONING resonance absorption cross sections

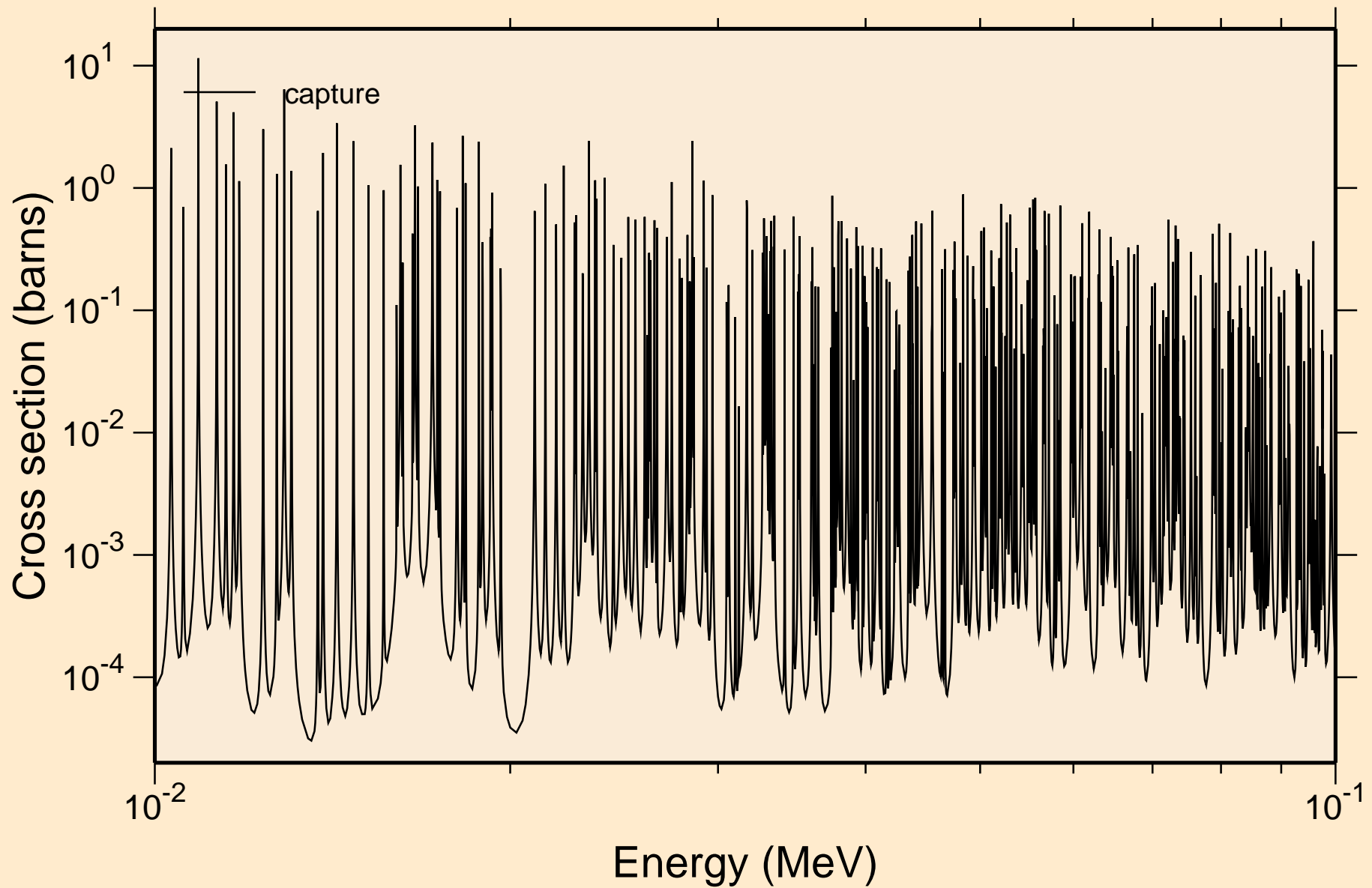


# SN120 NRG TENDL-2015, AKONING resonance absorption cross sections

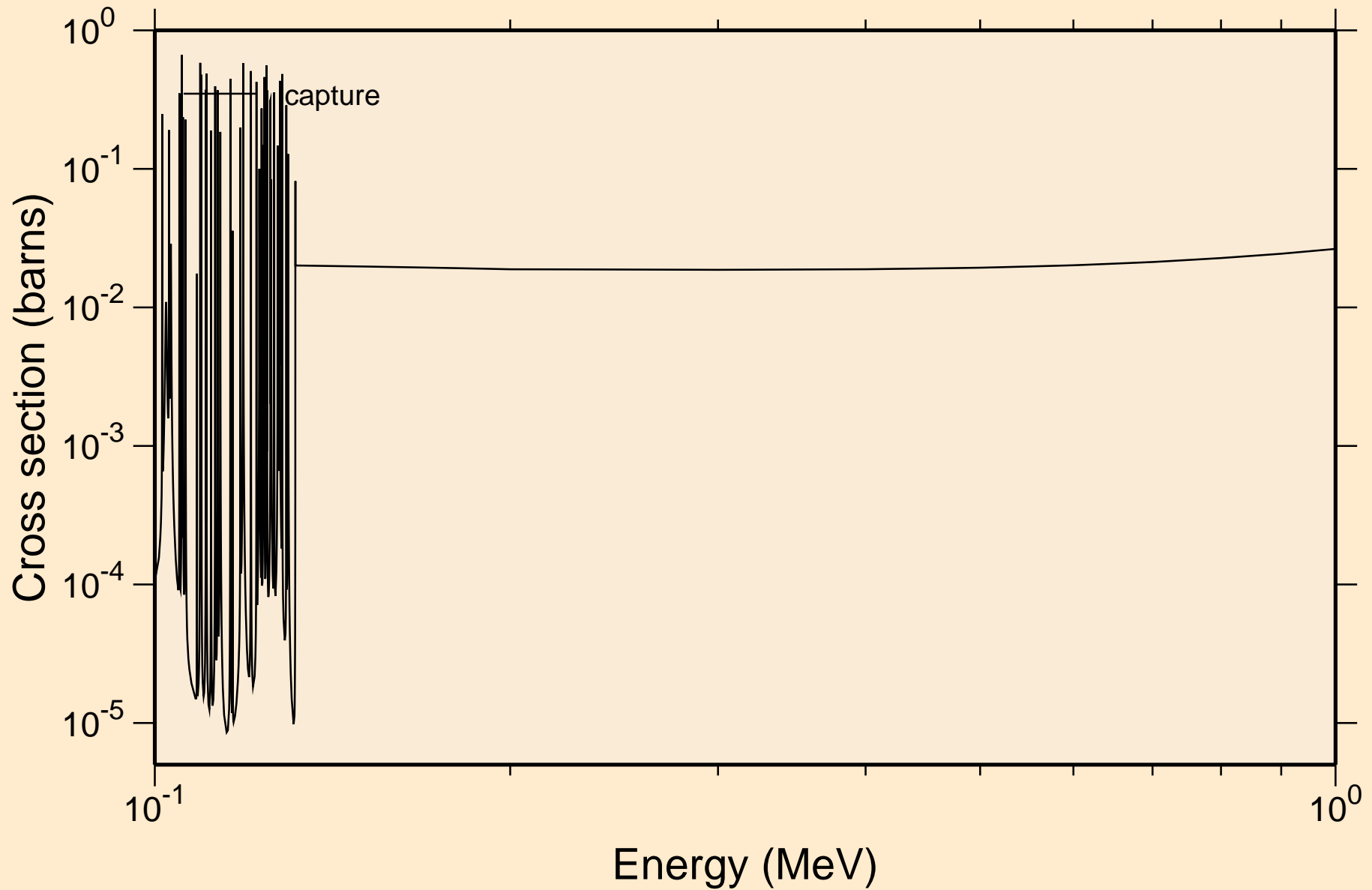




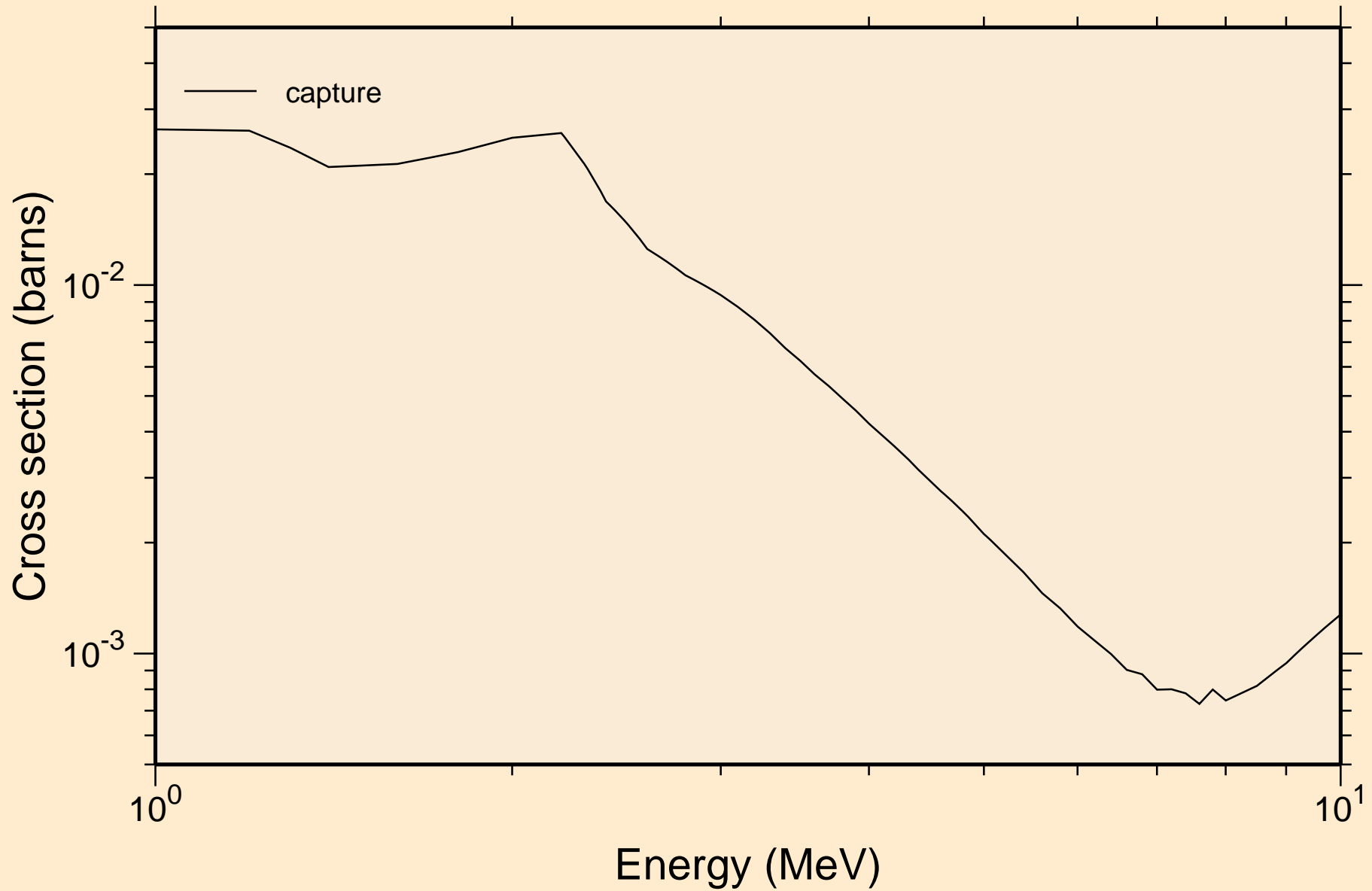
SN120 NRG TENDL-2015, AKONING  
resonance absorption cross sections



# SN120 NRG TENDL-2015, AKONING resonance absorption cross sections

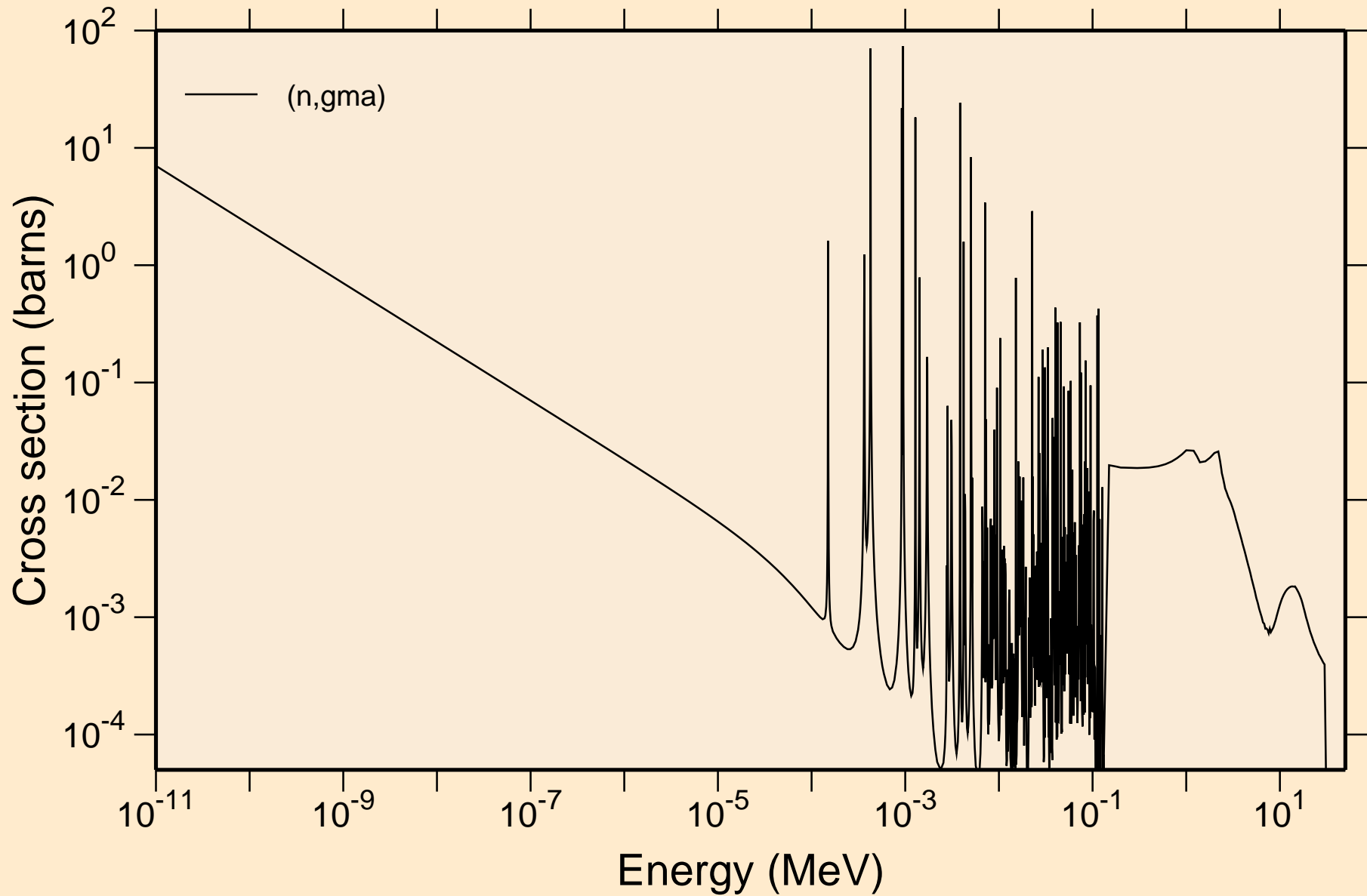


# SN120 NRG TENDL-2015, AKONING resonance absorption cross sections



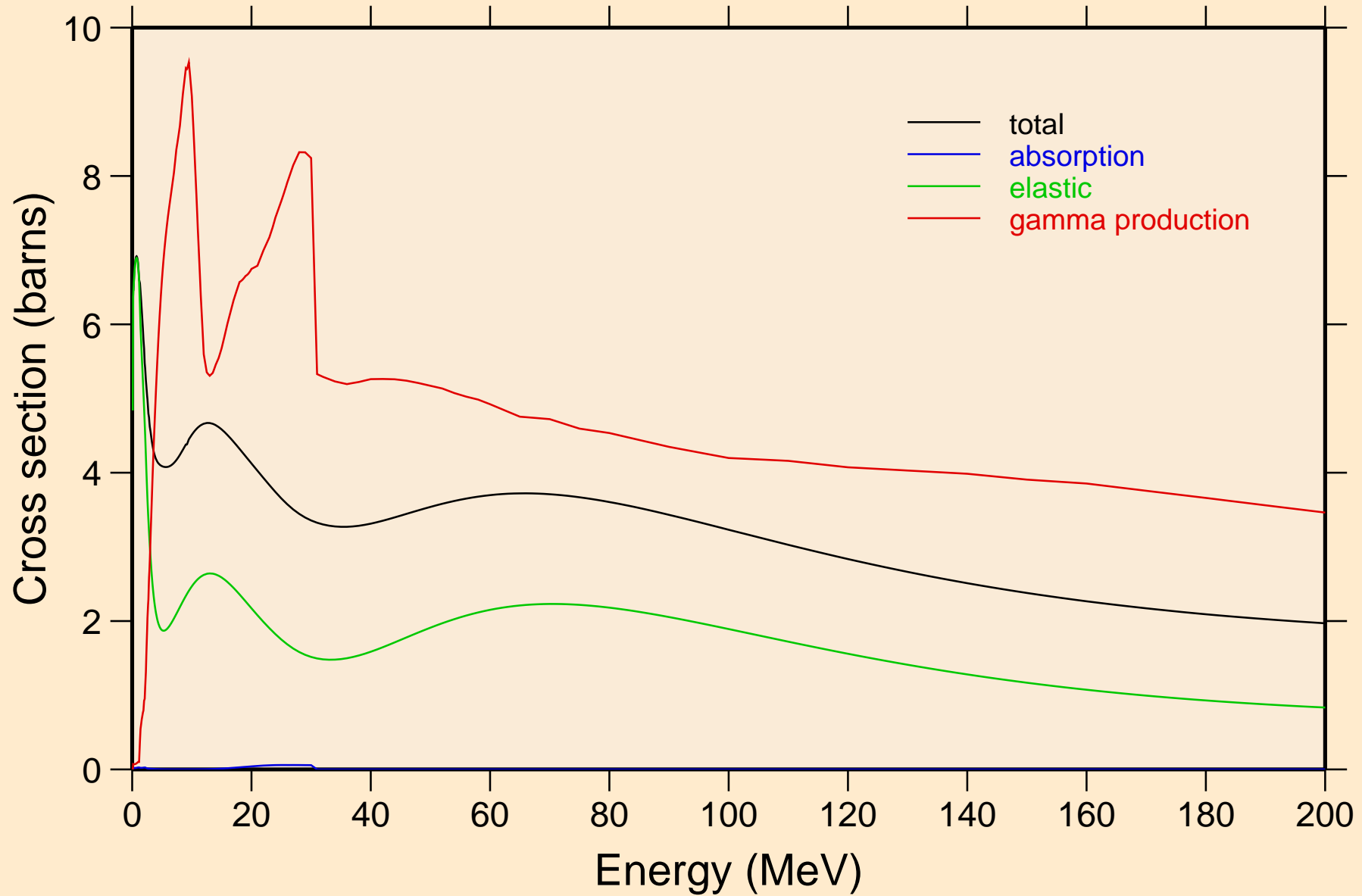
# SN120 NRG TENDL-2015, AKONING

## Non-threshold reactions



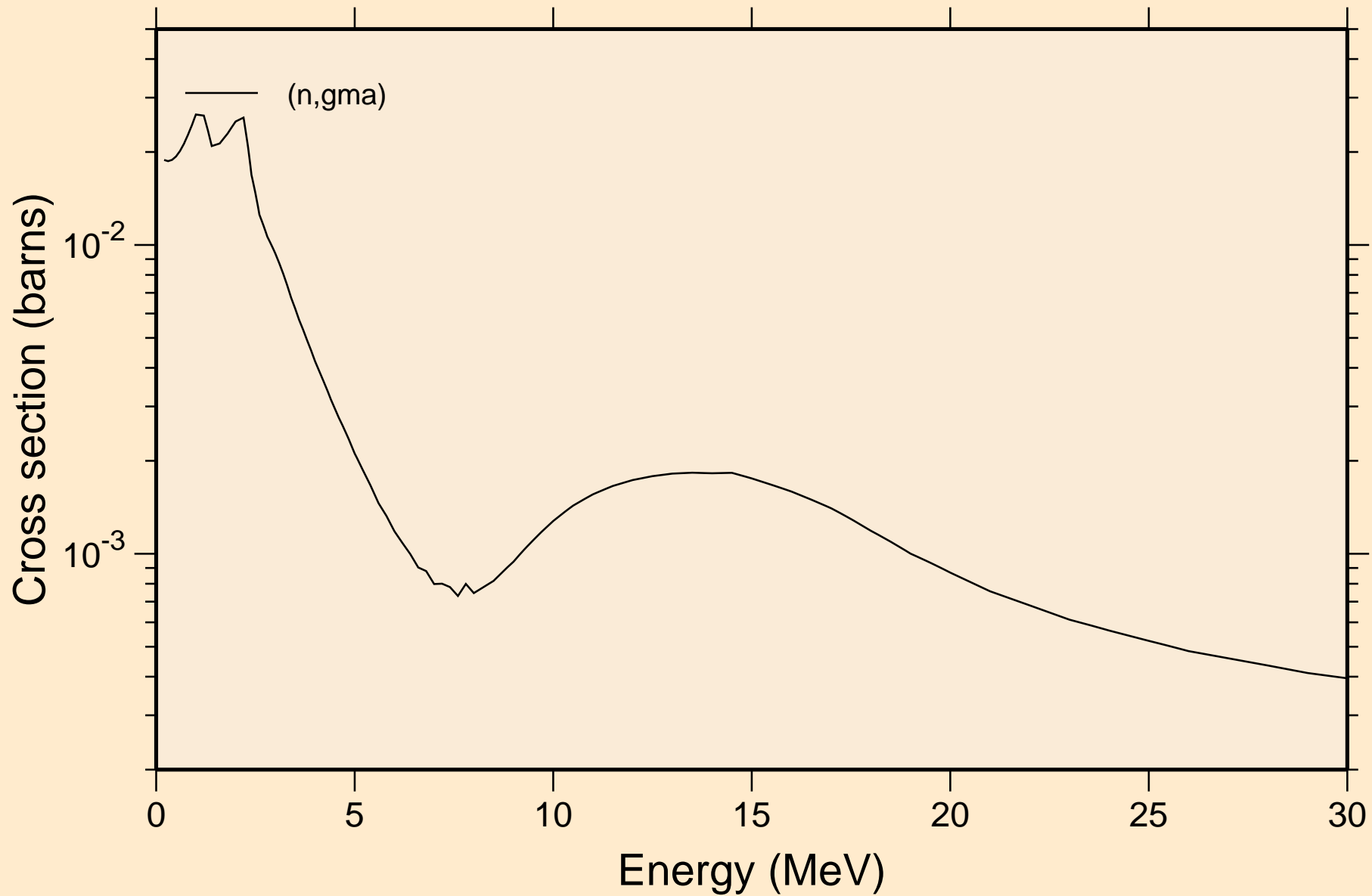
# SN120 NRG TENDL-2015, AKONING

## Principal cross sections



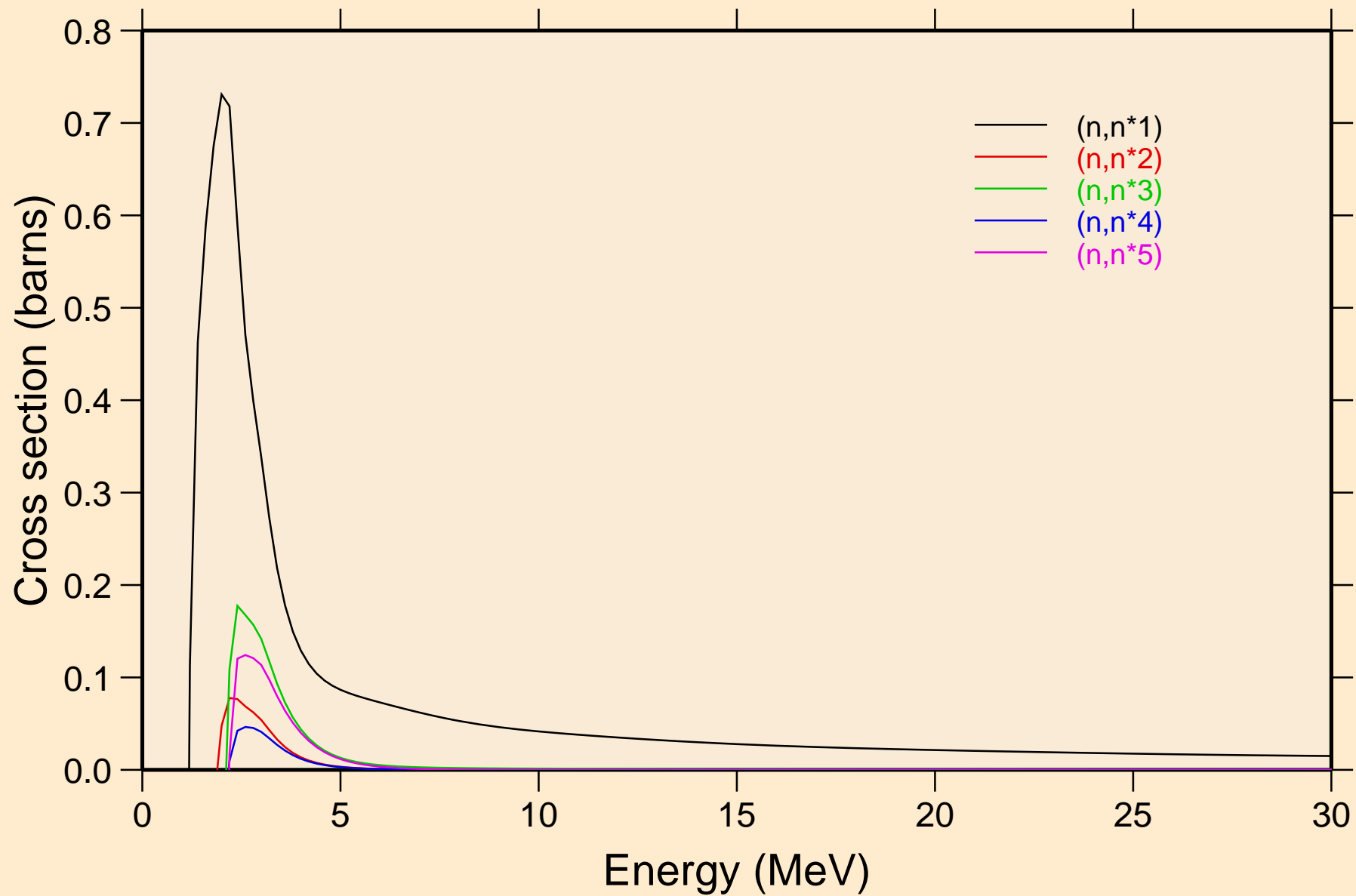
# SN120 NRG TENDL-2015, AKONING

## Non-threshold reactions



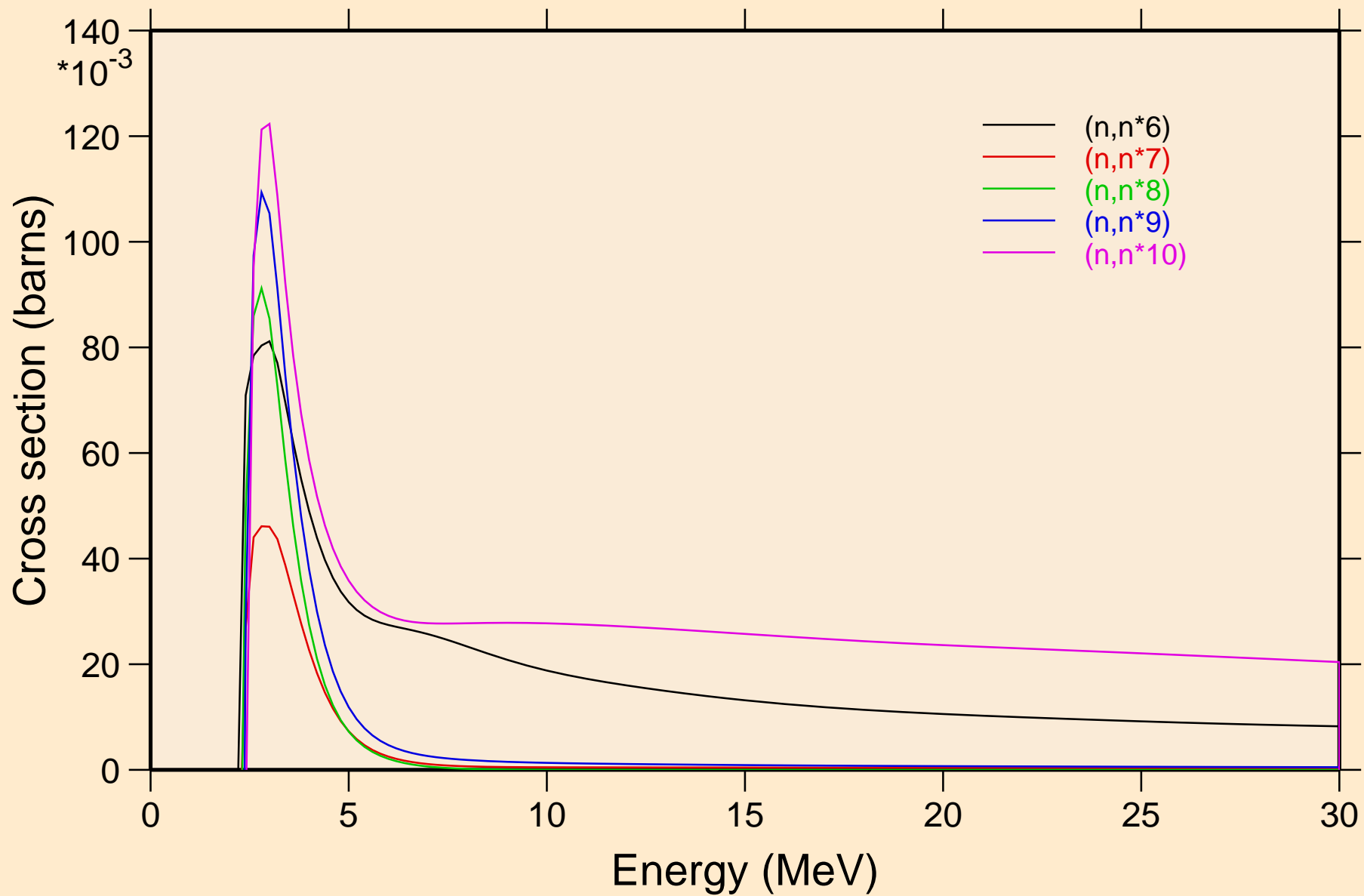
# SN120 NRG TENDL-2015, AKONING

## Inelastic levels



# SN120 NRG TENDL-2015, AKONING

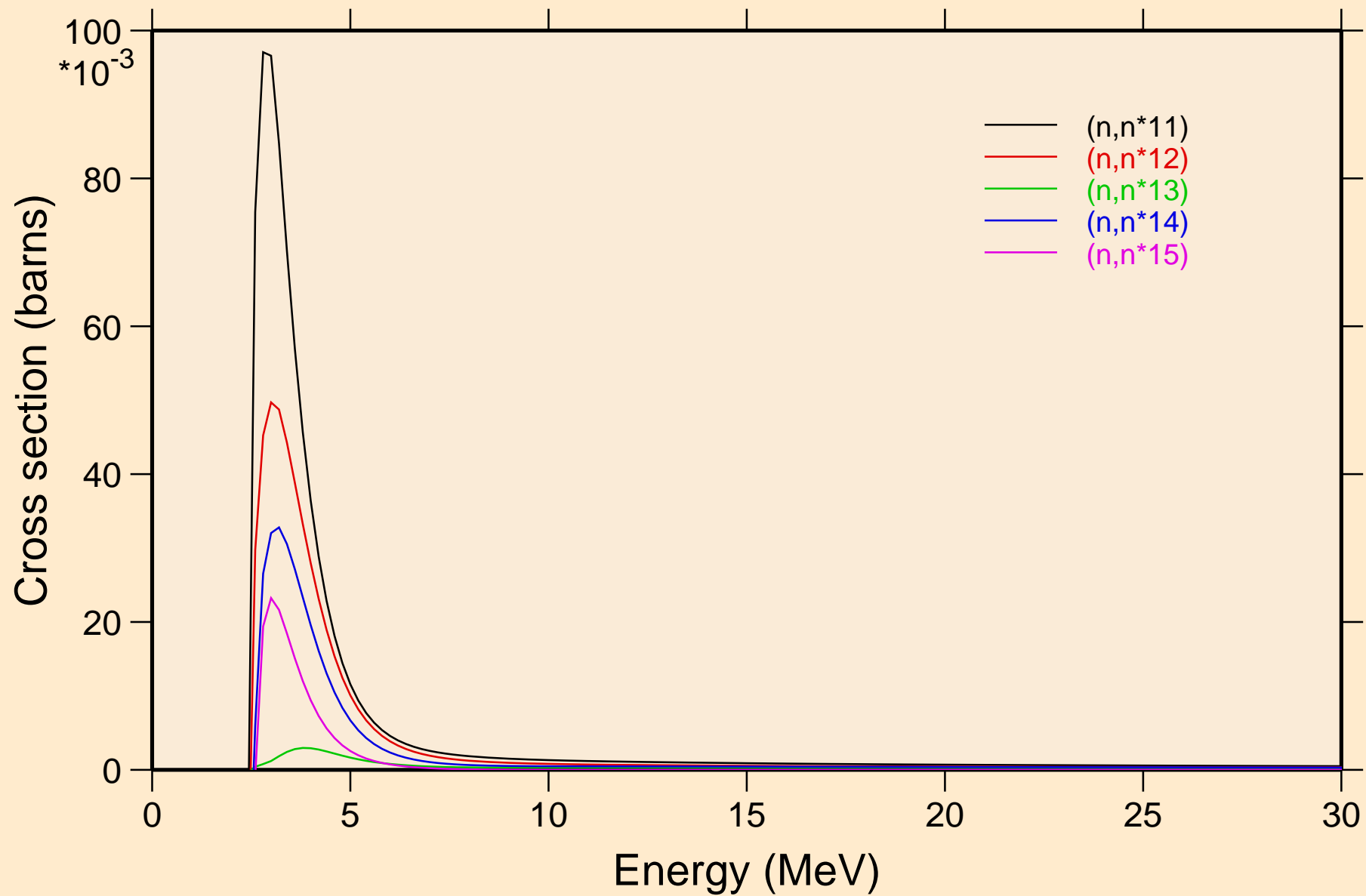
## Inelastic levels





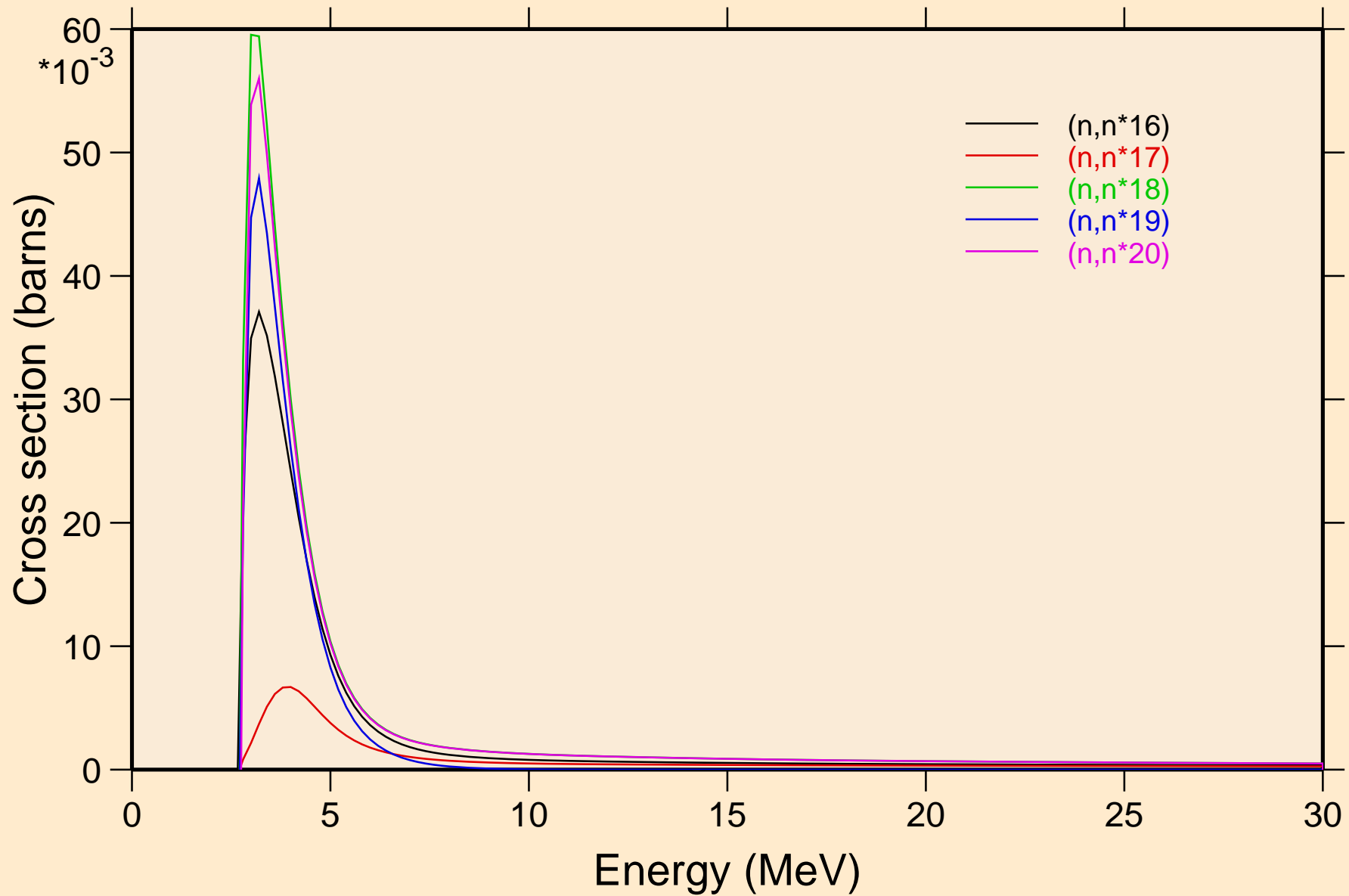
# SN120 NRG TENDL-2015, AKONING

## Inelastic levels



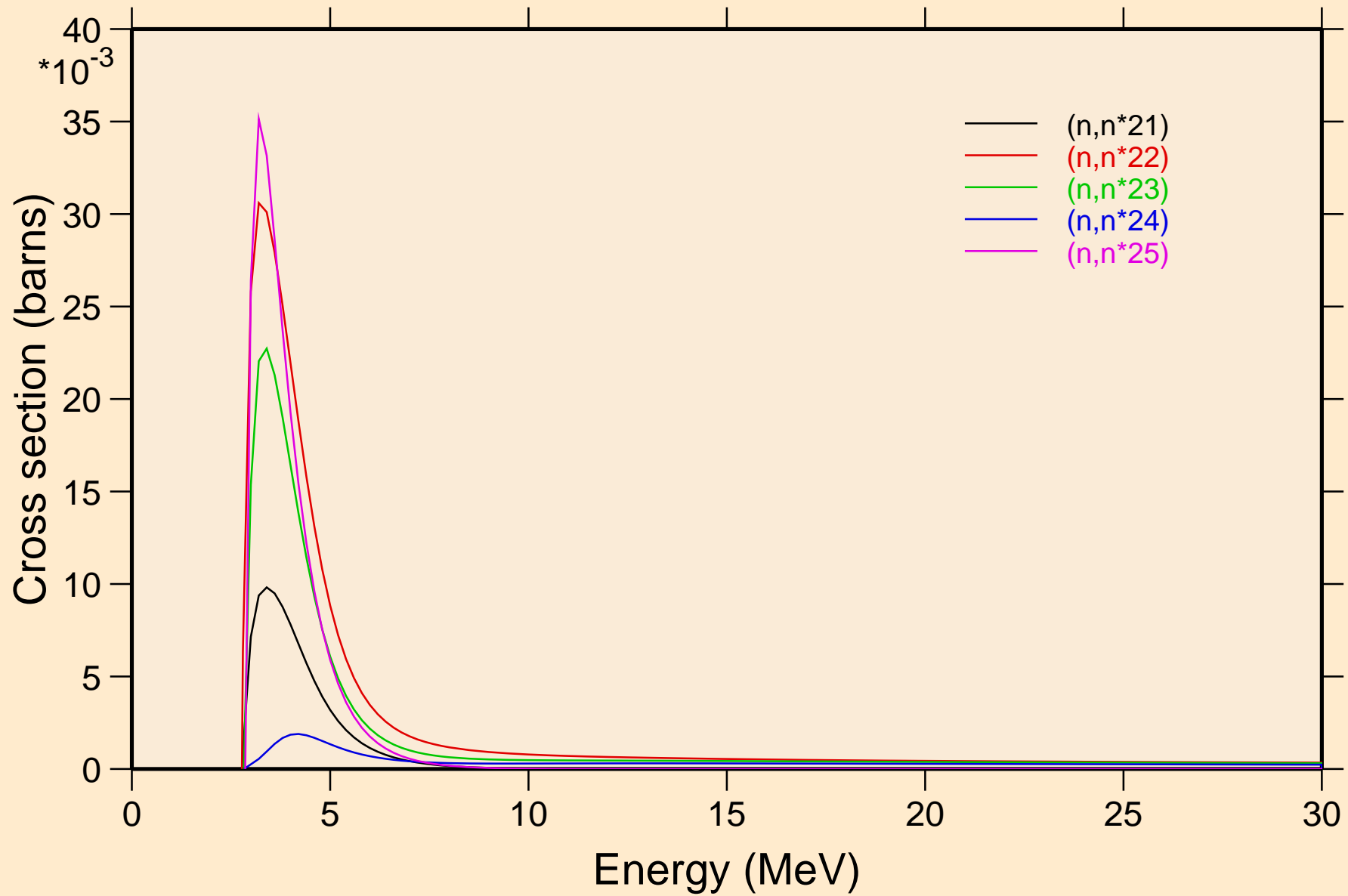
# SN120 NRG TENDL-2015, AKONING

## Inelastic levels



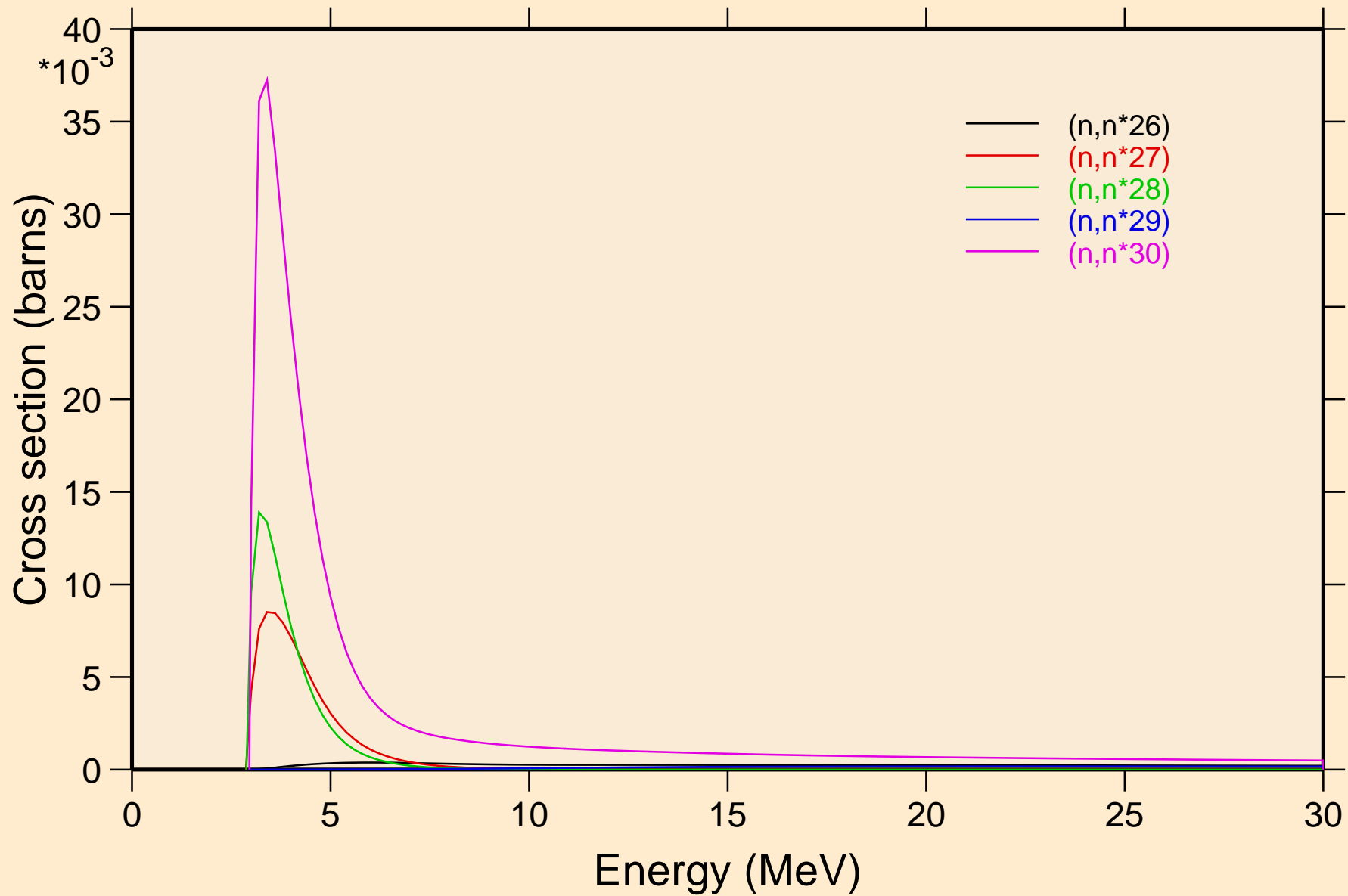
# SN120 NRG TENDL-2015, AKONING

## Inelastic levels



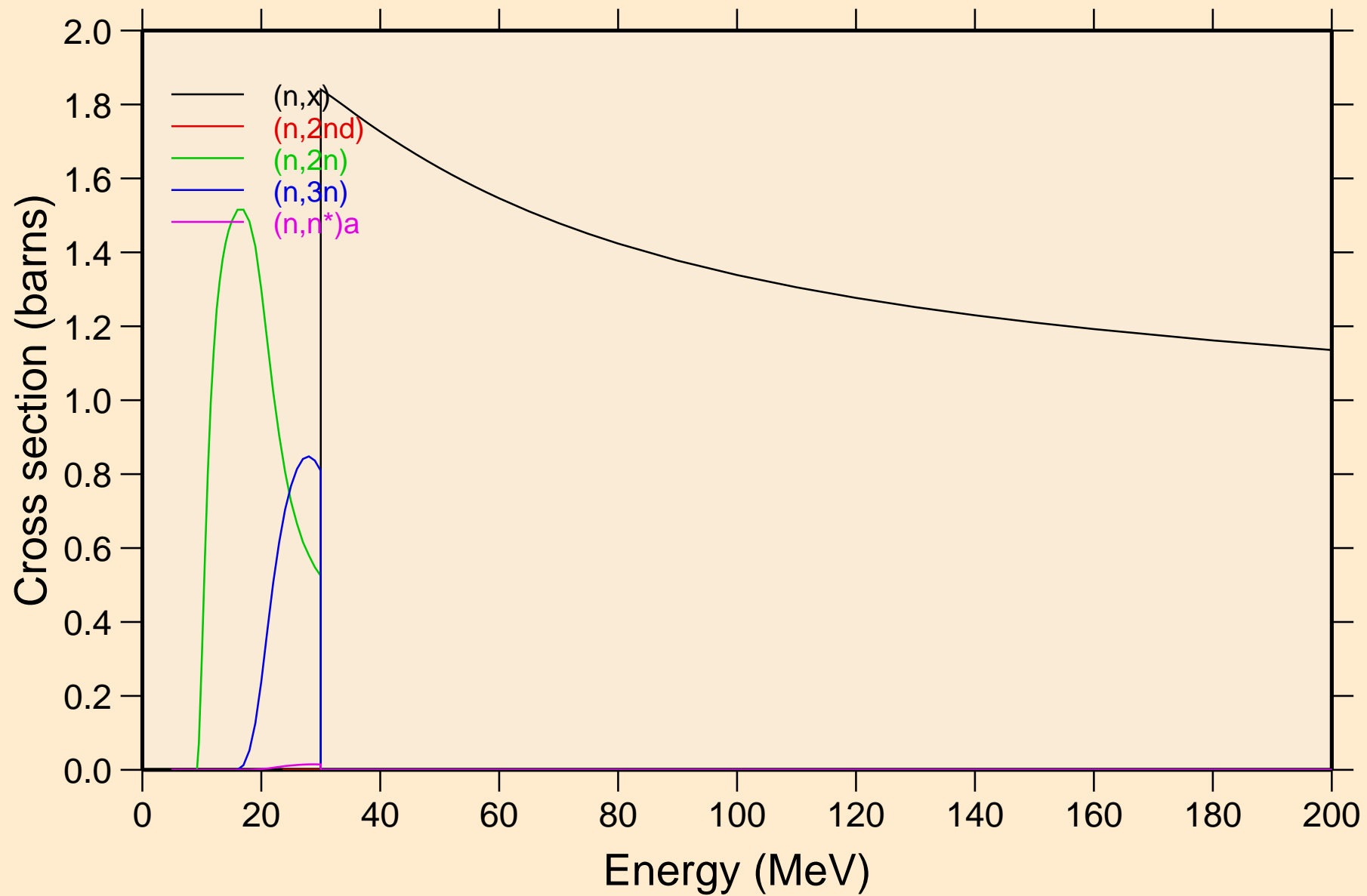
# SN120 NRG TENDL-2015, AKONING

## Inelastic levels



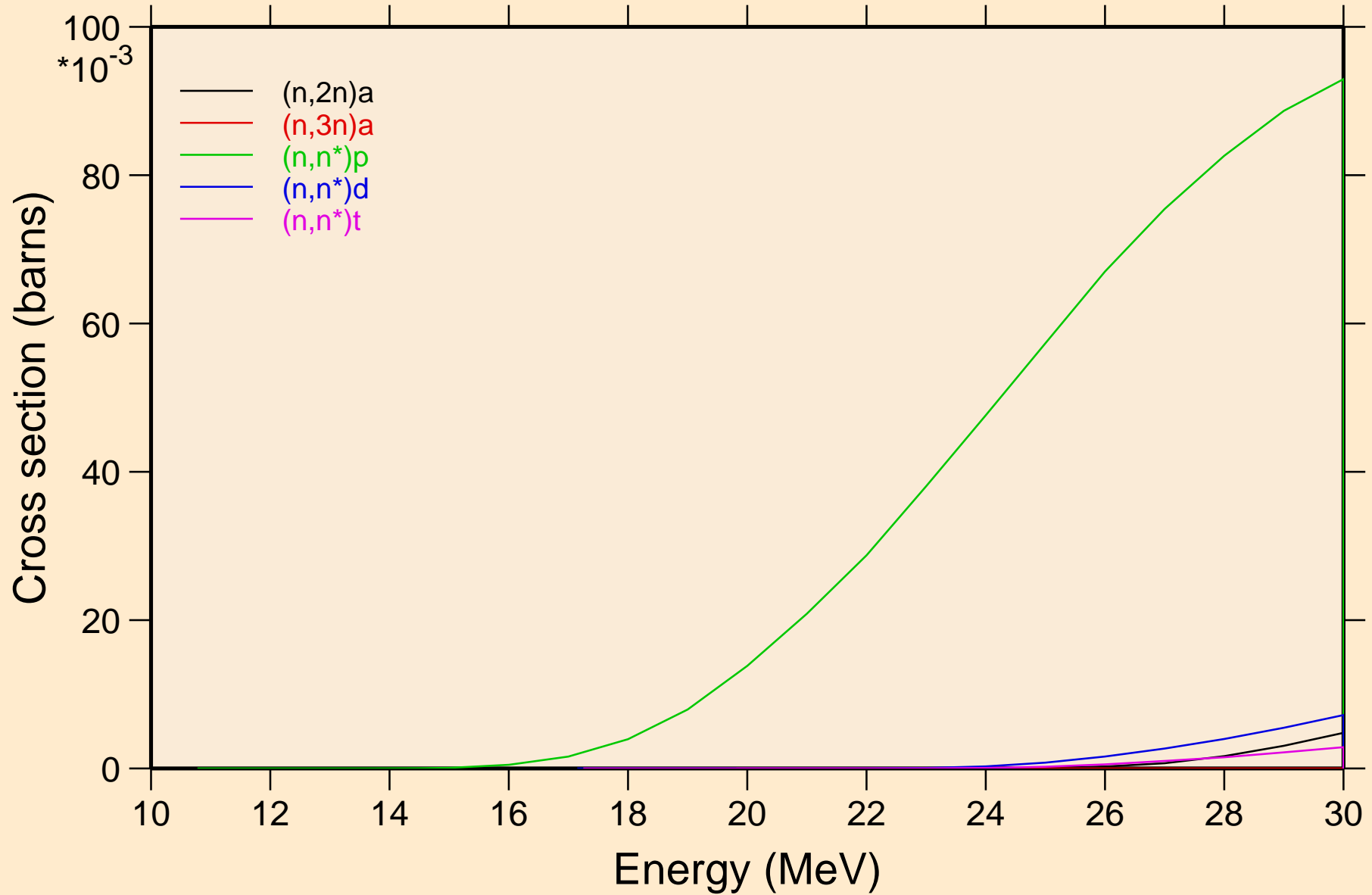
# SN120 NRG TENDL-2015, AKONING

## Threshold reactions



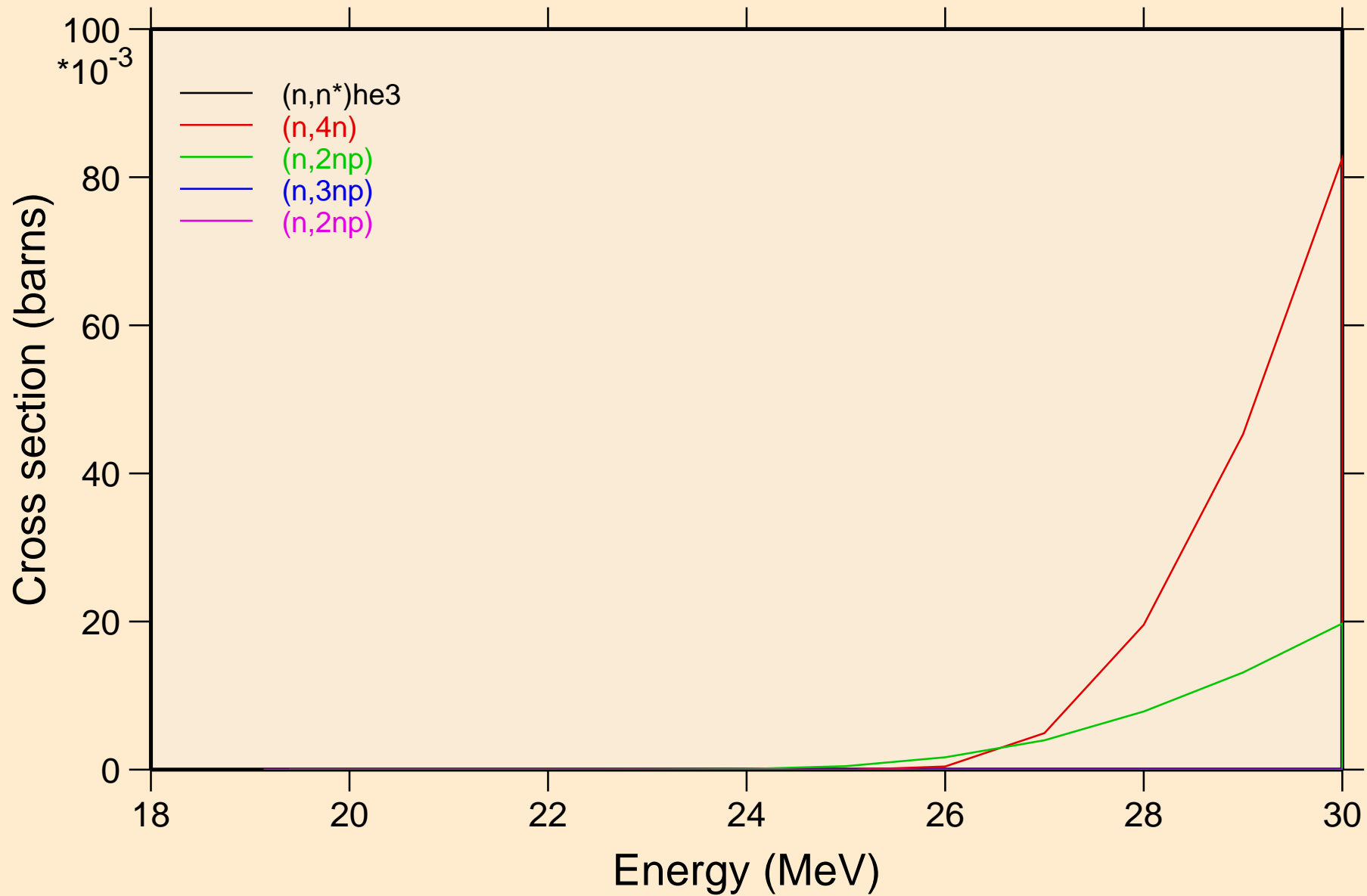
# SN120 NRG TENDL-2015, AKONING

## Threshold reactions



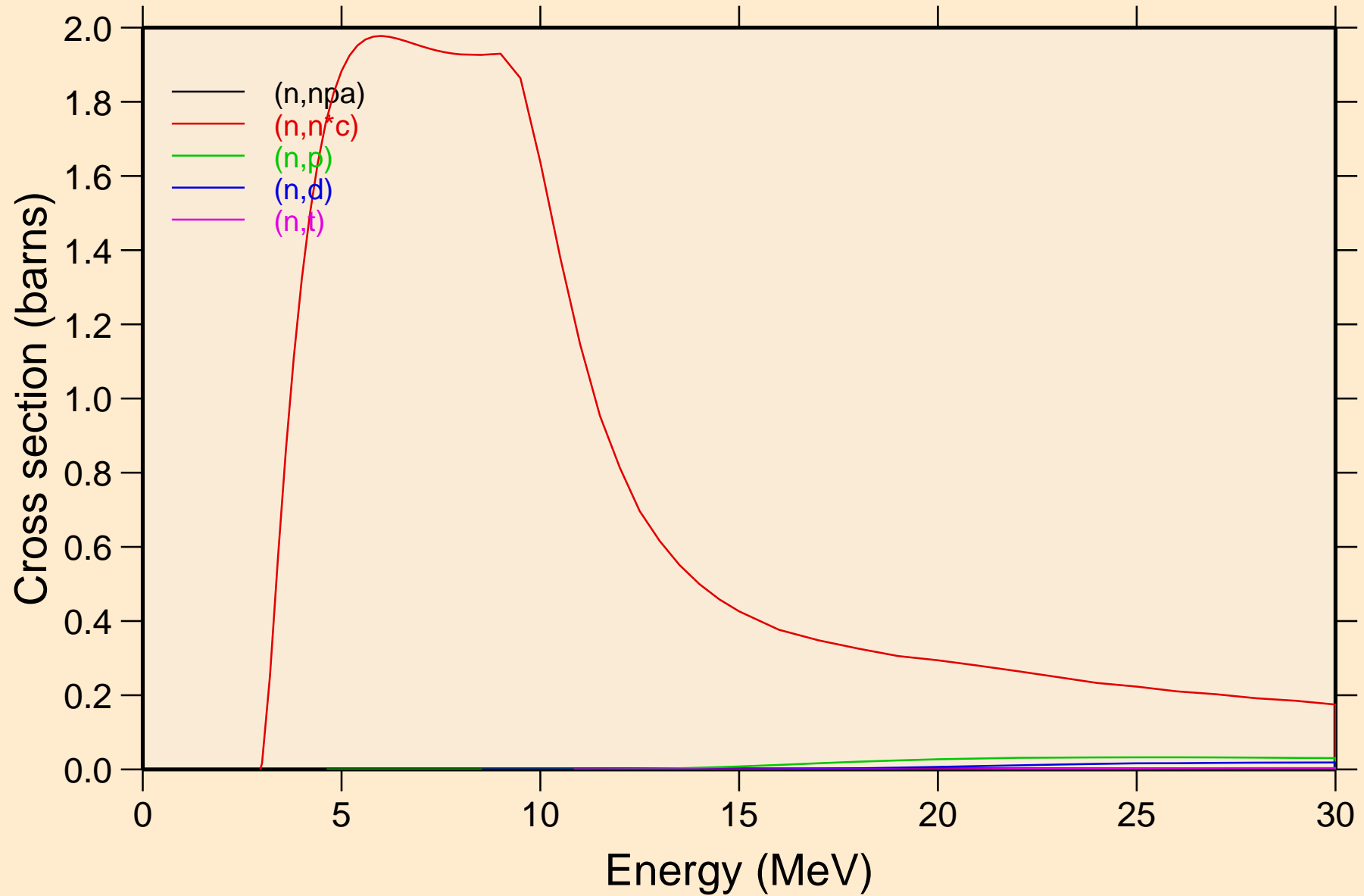
# SN120 NRG TENDL-2015, AKONING

## Threshold reactions



# SN120 NRG TENDL-2015, AKONING

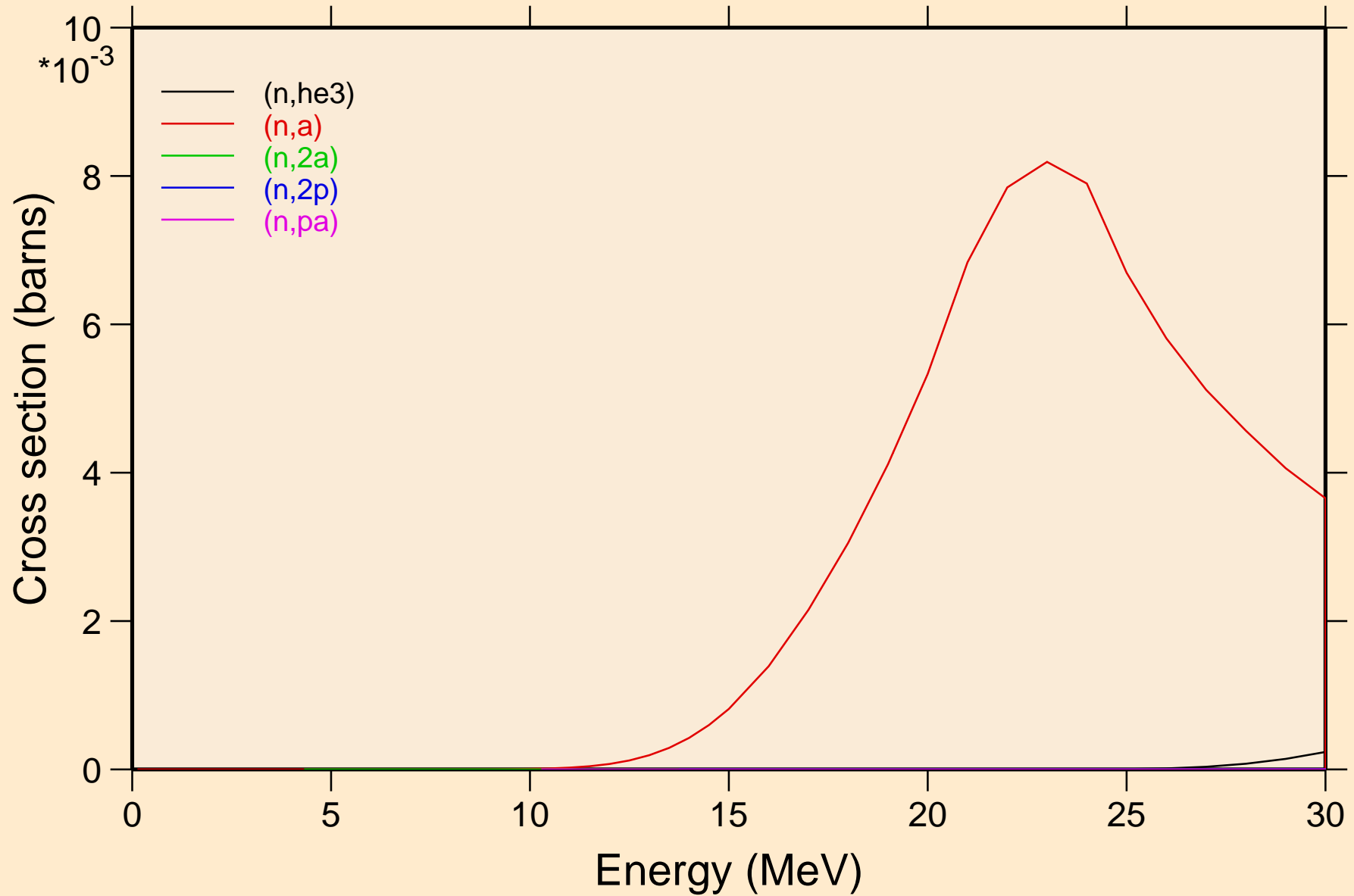
## Threshold reactions





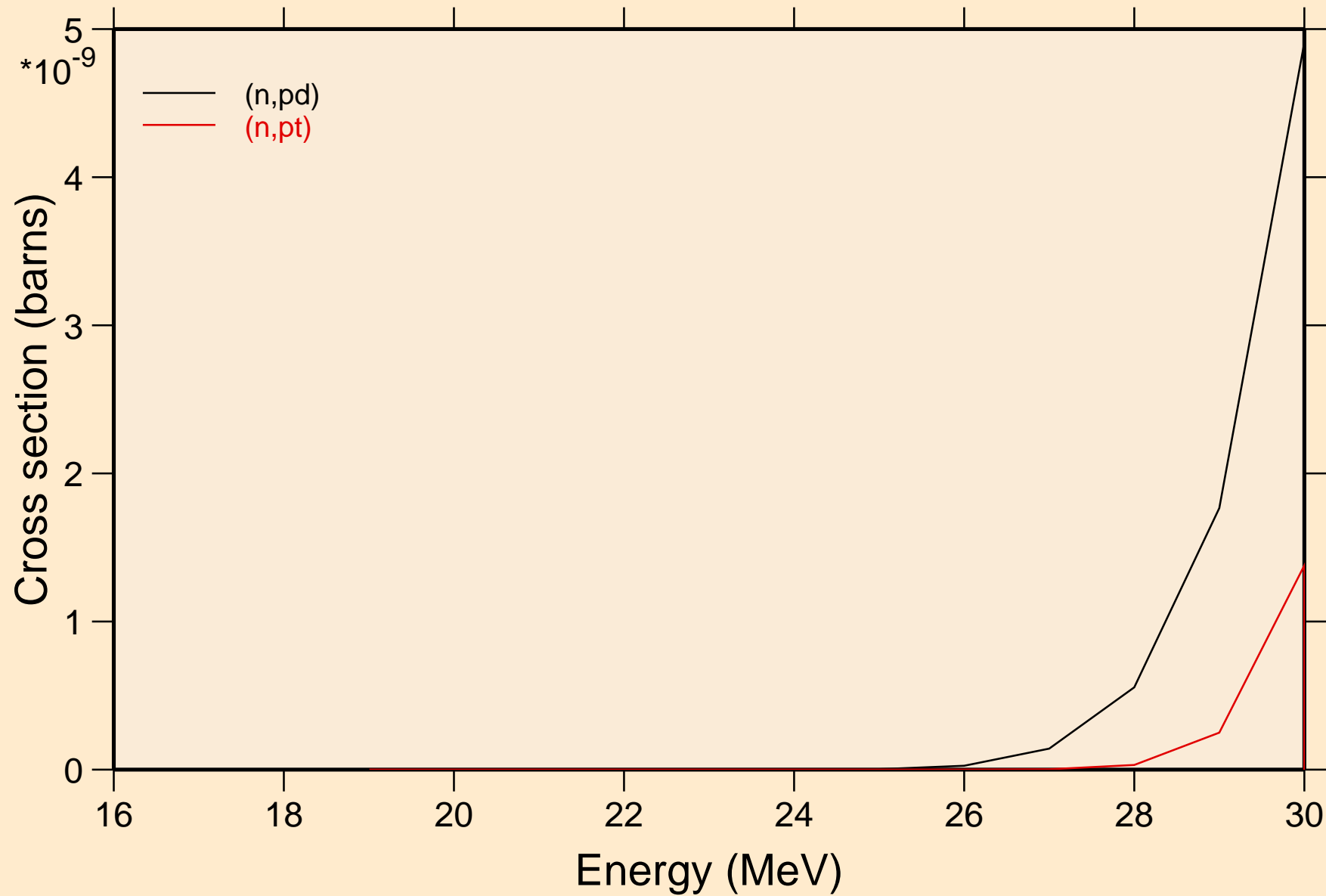
# SN120 NRG TENDL-2015, AKONING

## Threshold reactions

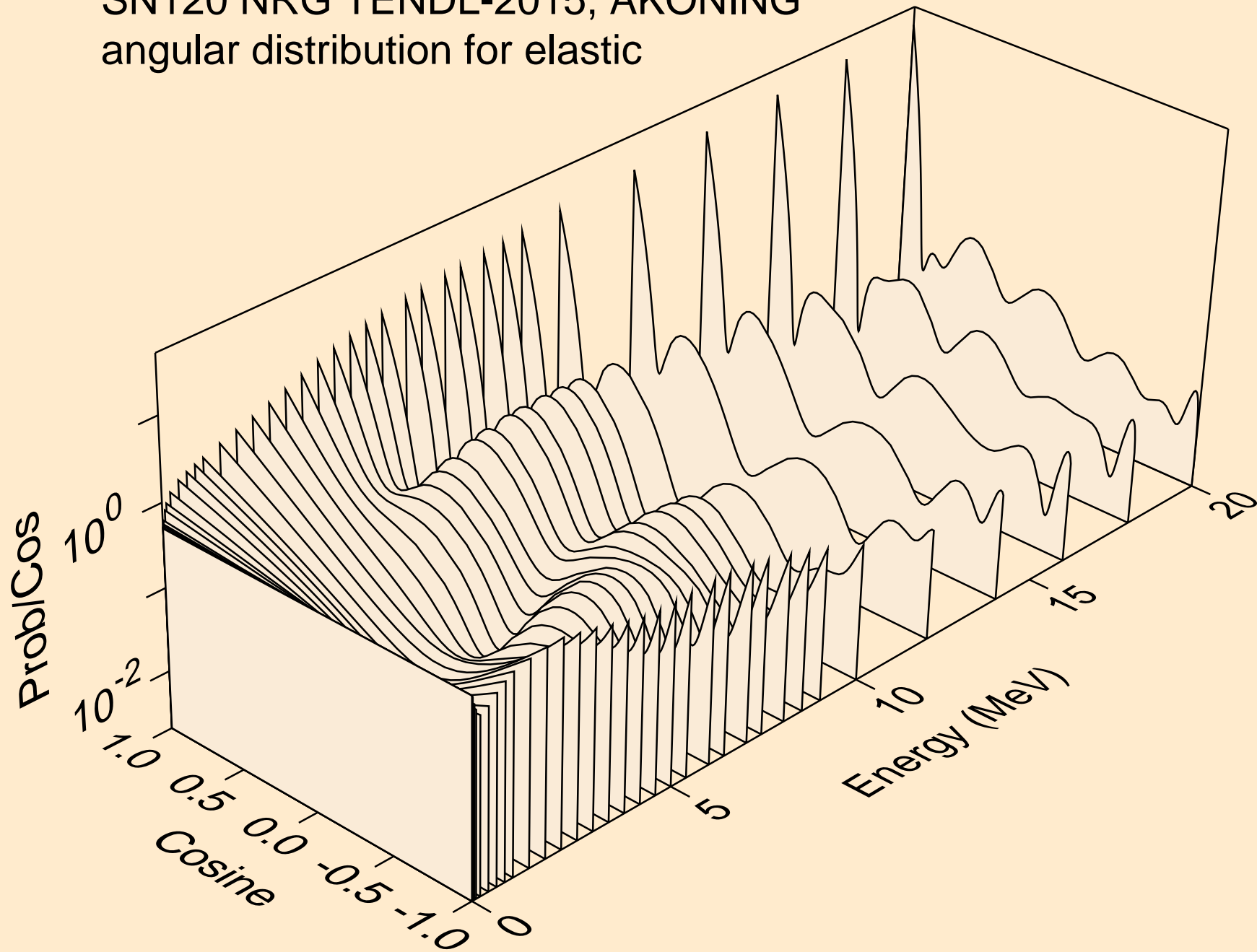


# SN120 NRG TENDL-2015, AKONING

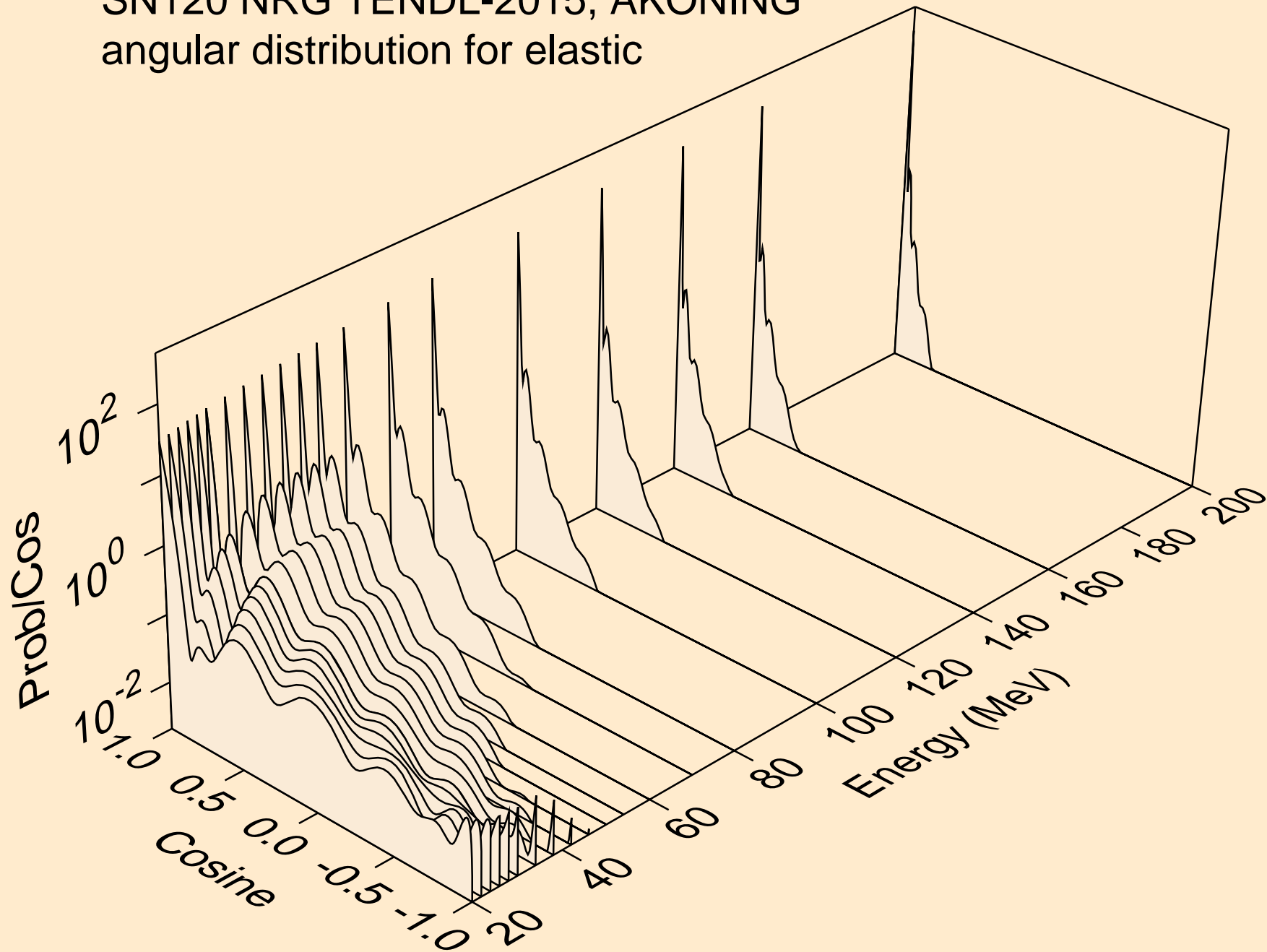
## Threshold reactions



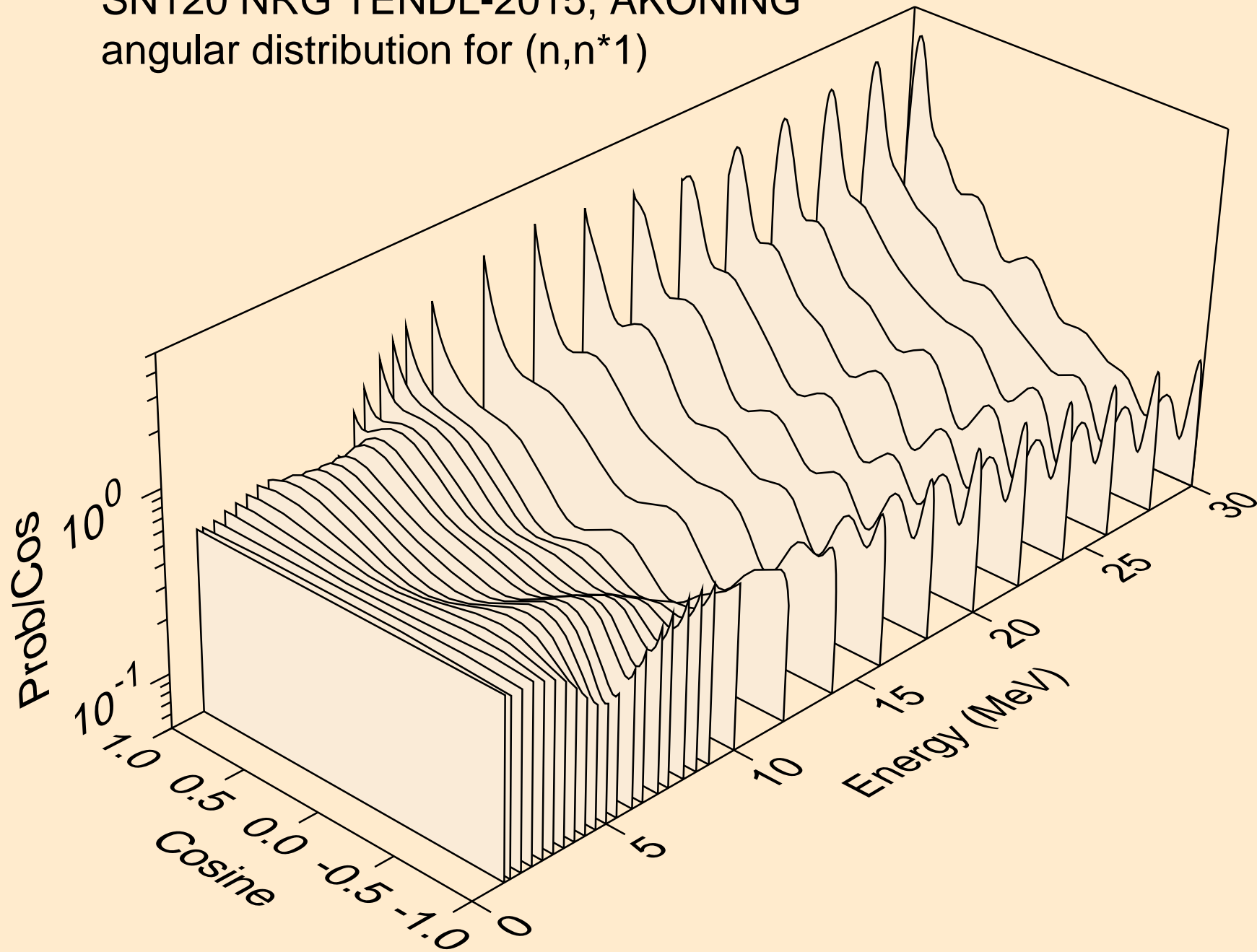
SN120 NRG TENDL-2015, AKONING  
angular distribution for elastic



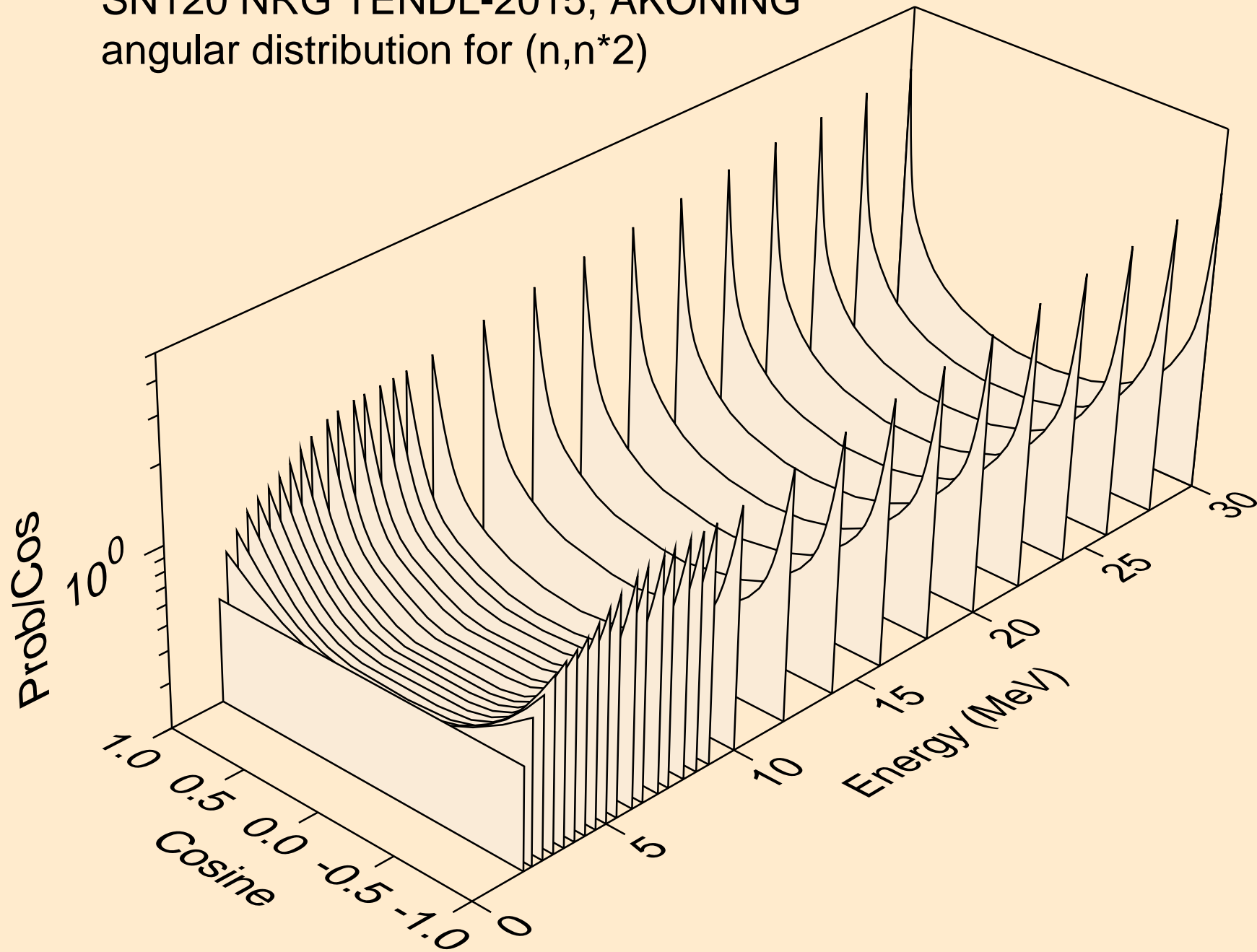
SN120 NRG TENDL-2015, AKONING  
angular distribution for elastic



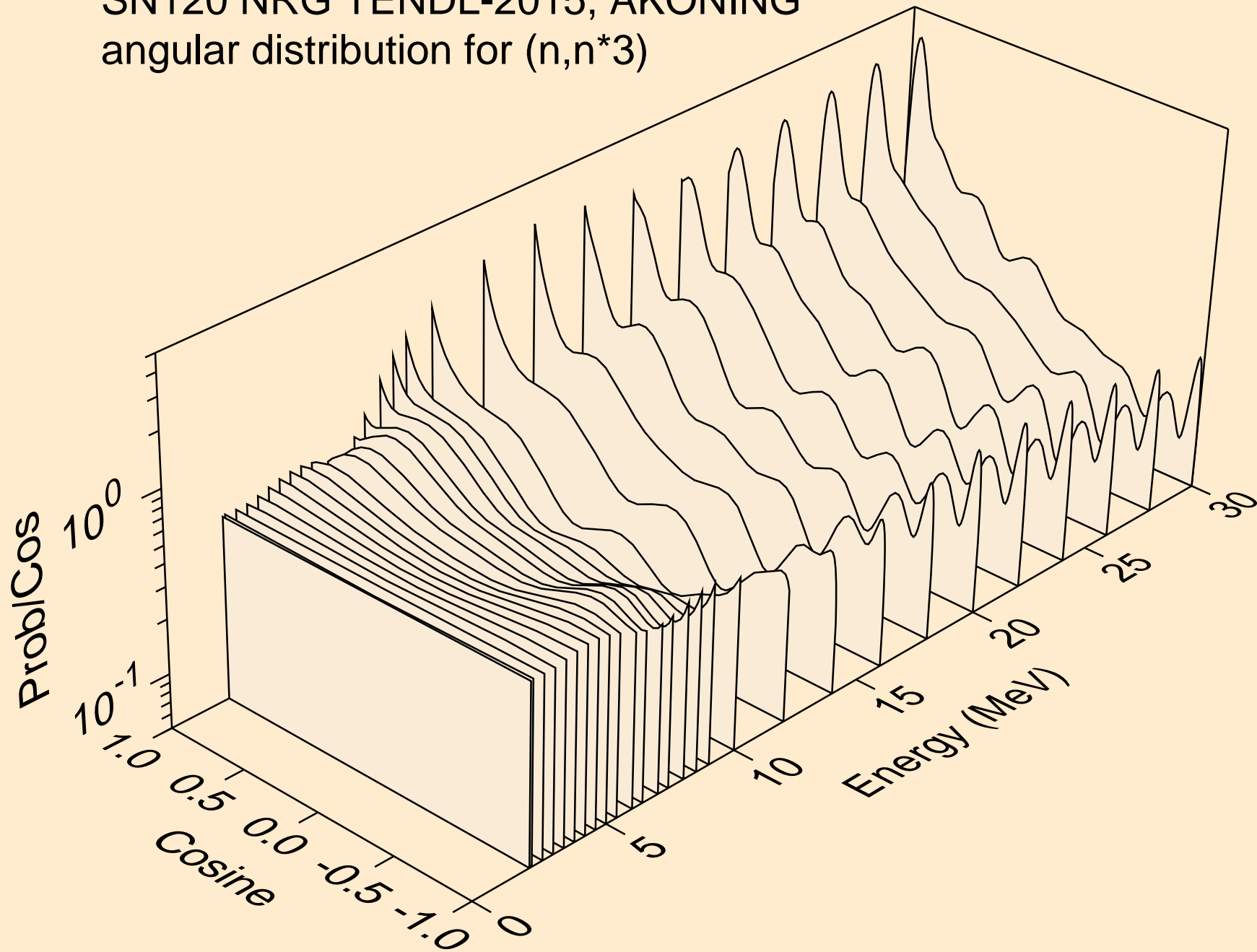
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



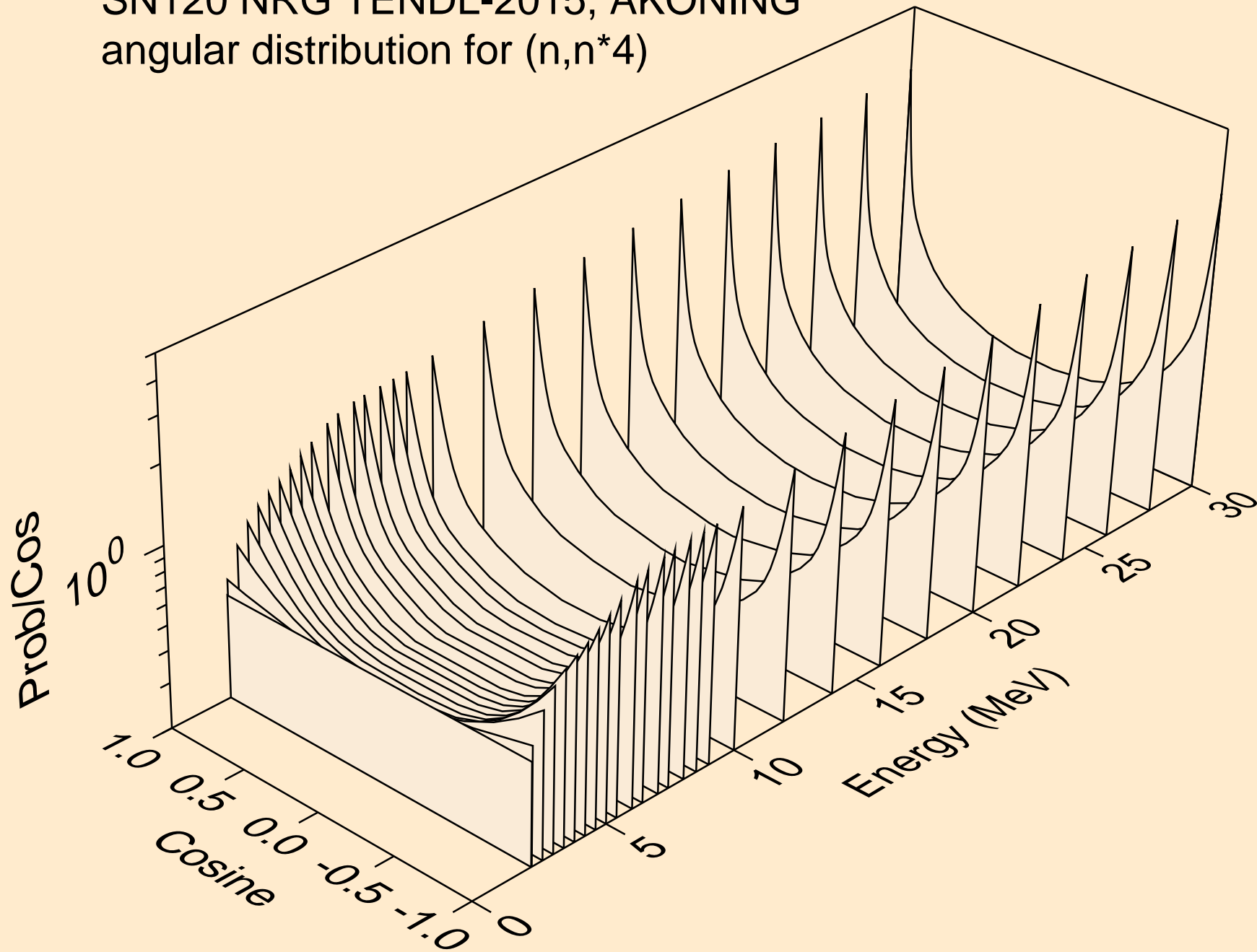
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)

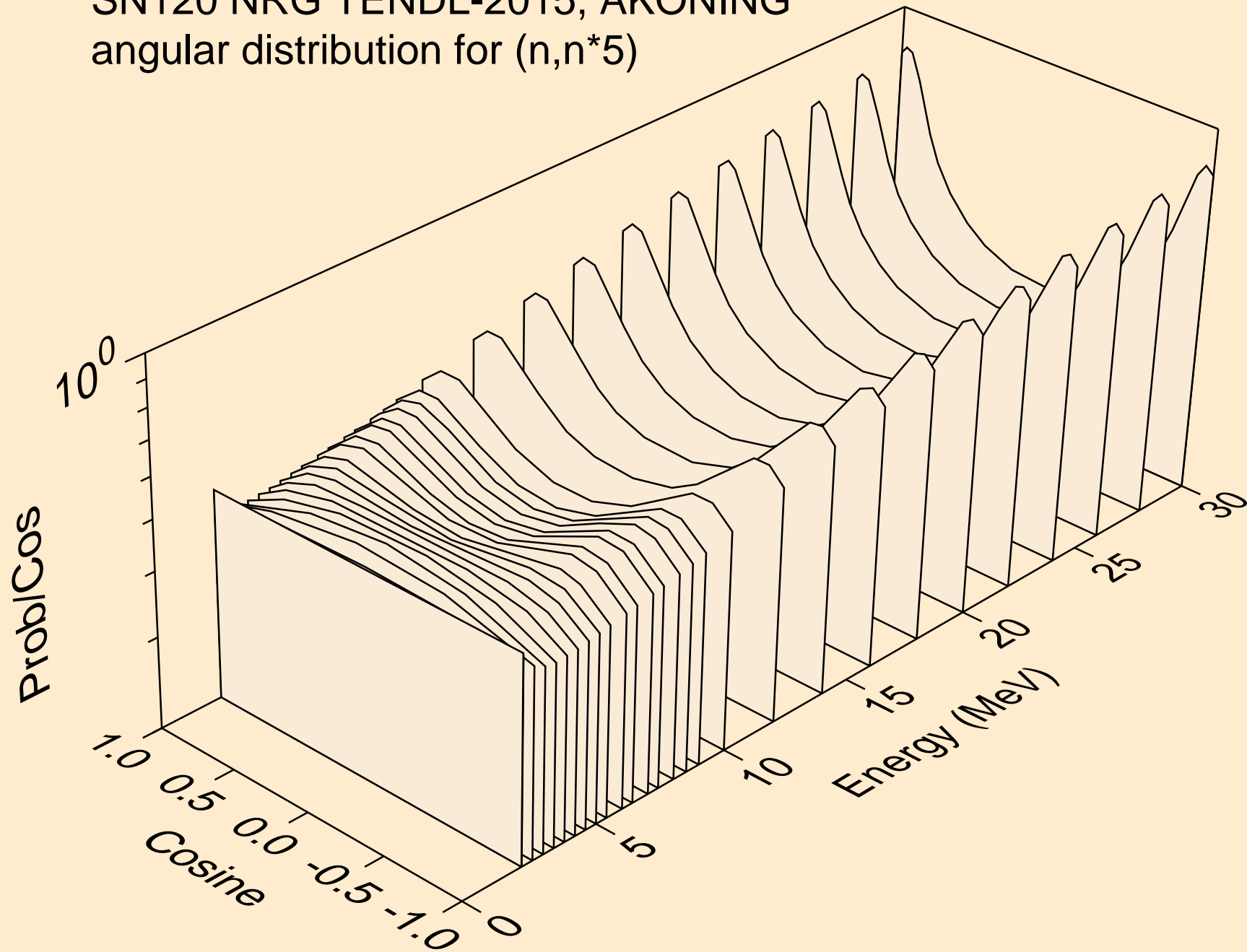


SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)

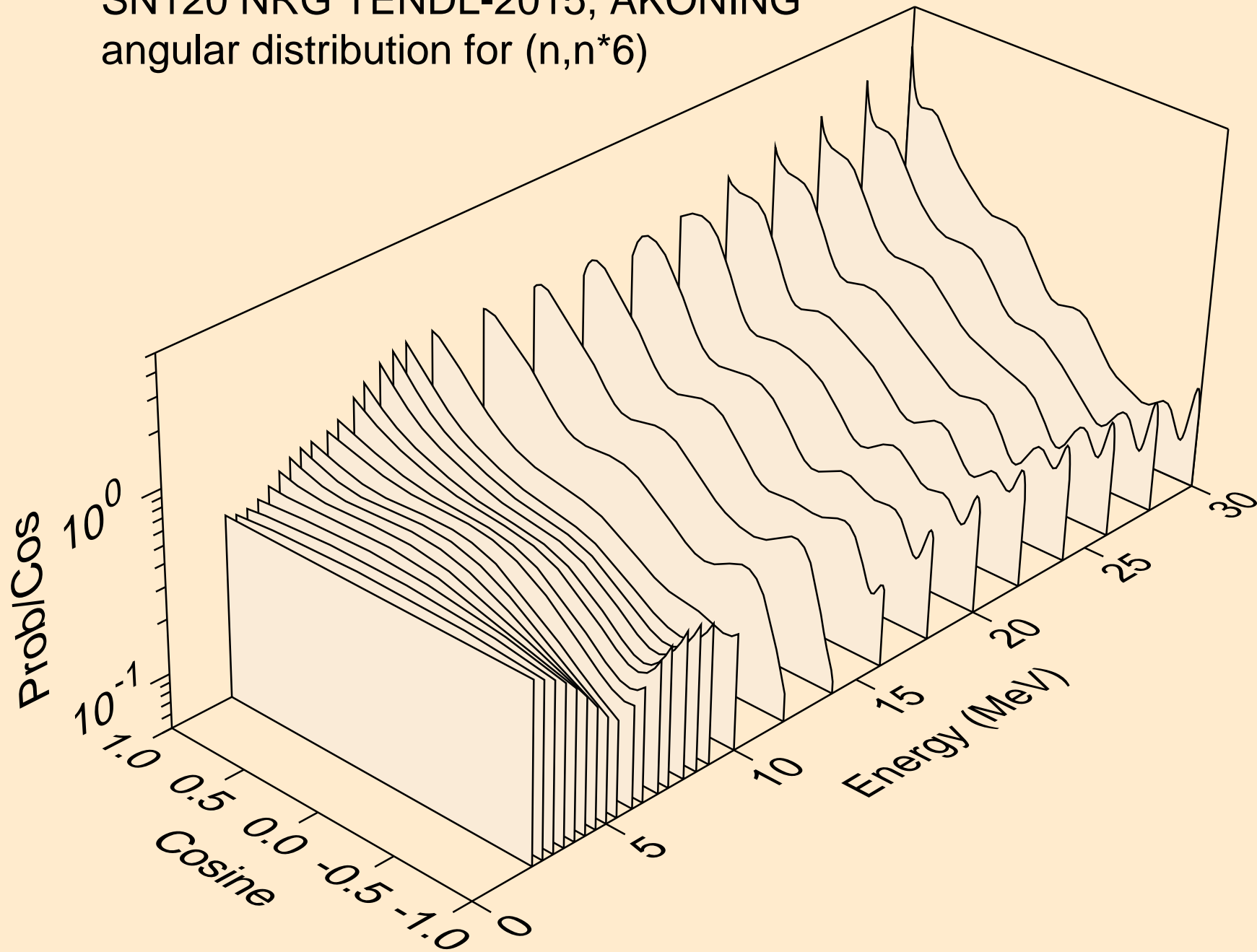




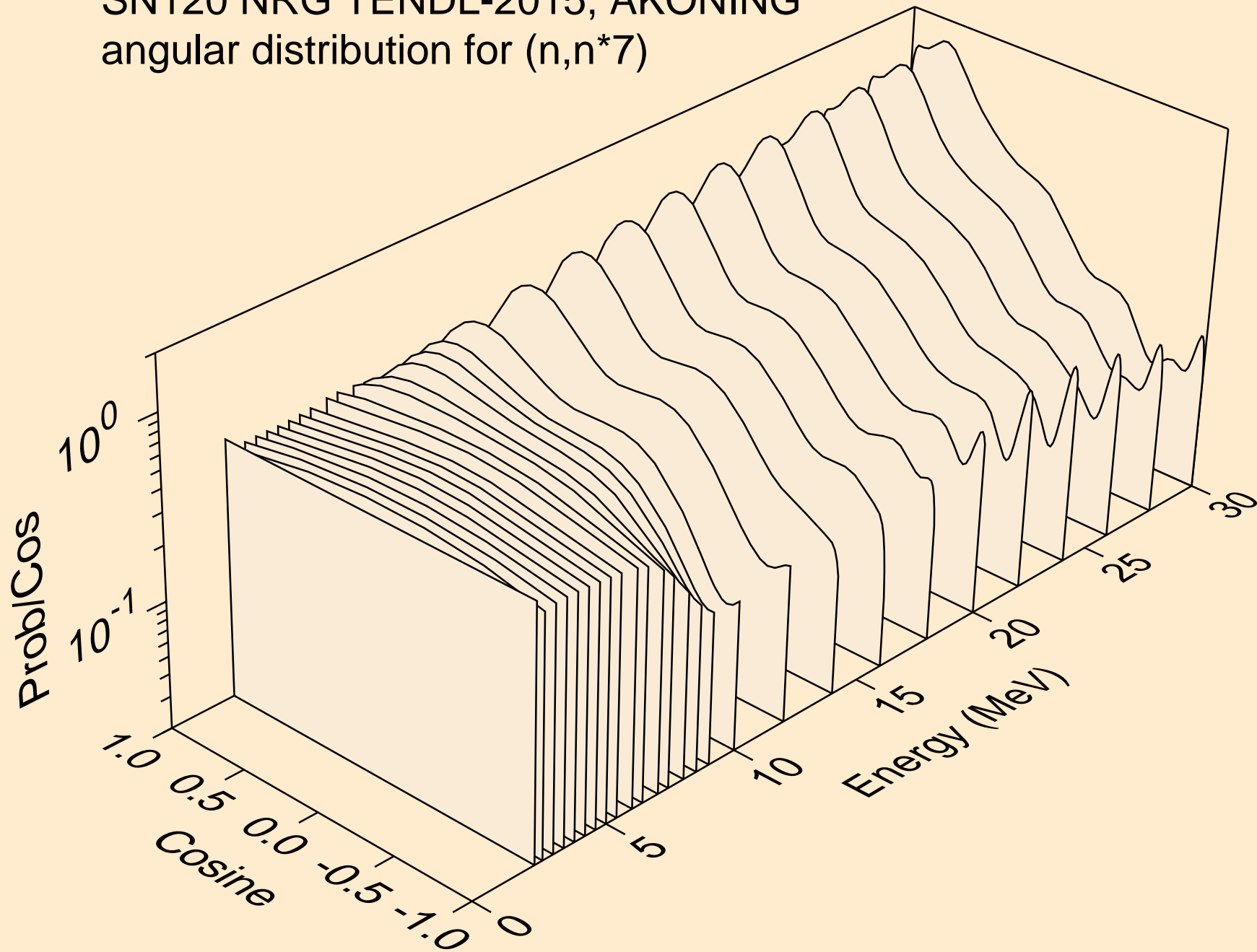
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



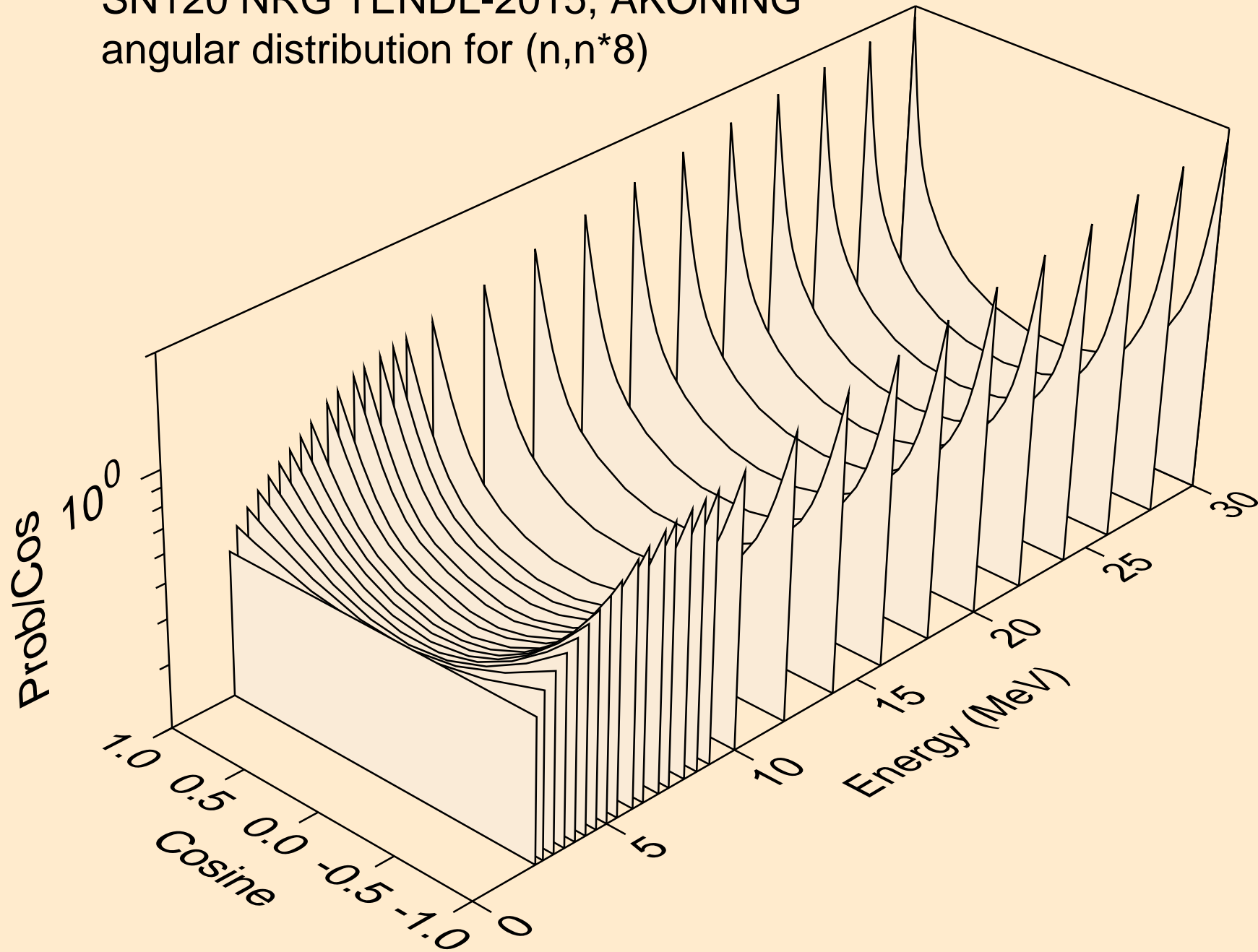
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



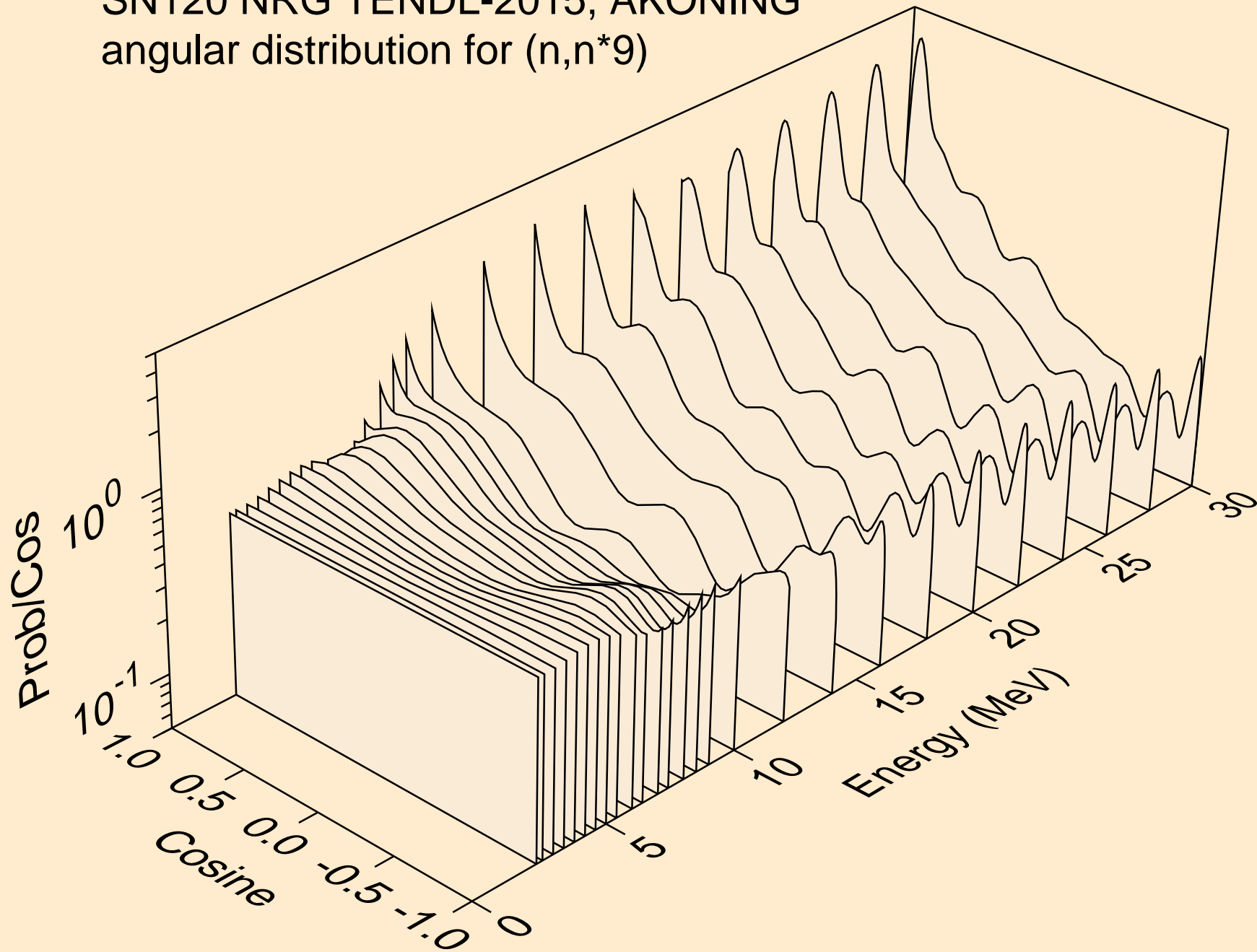
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)



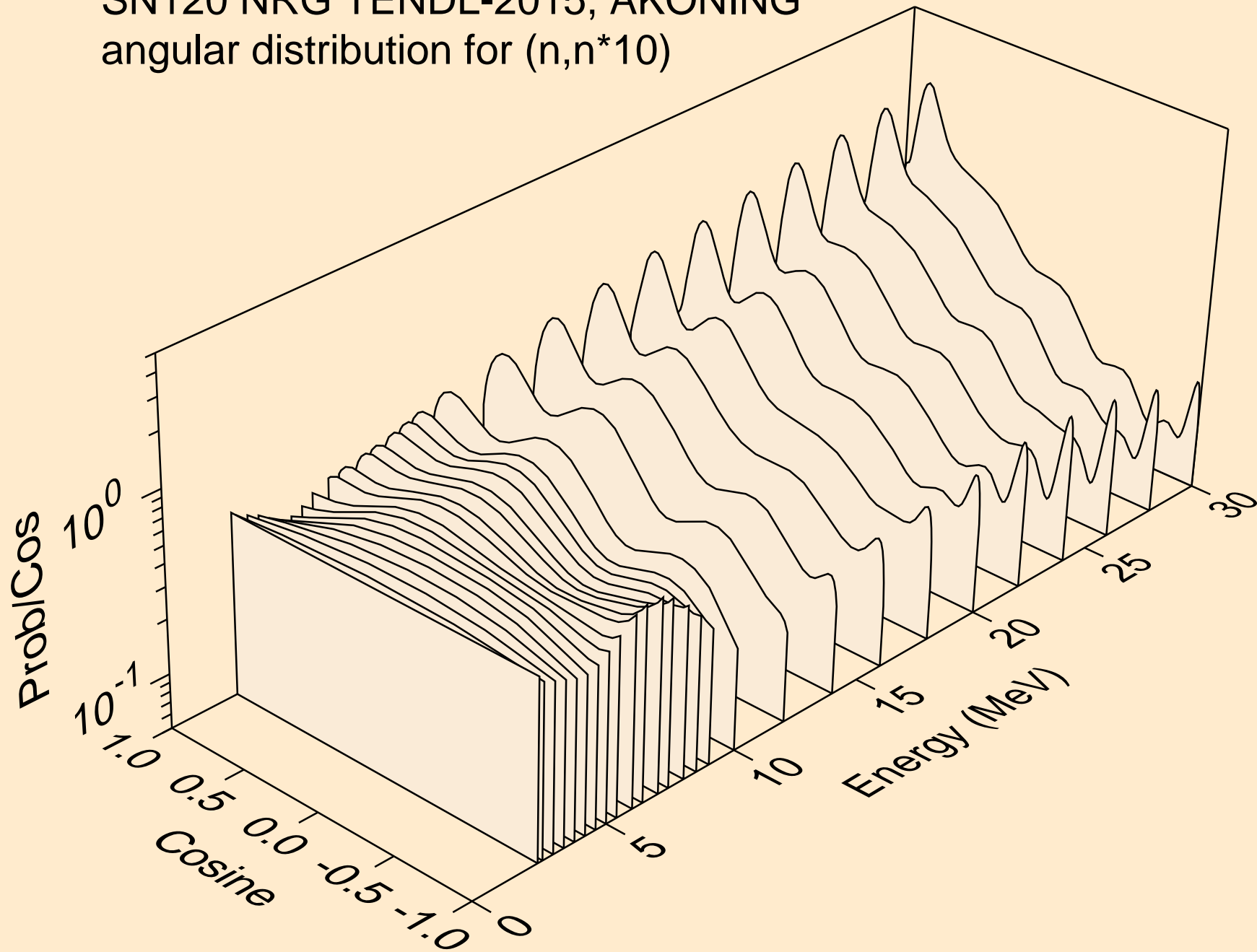
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)



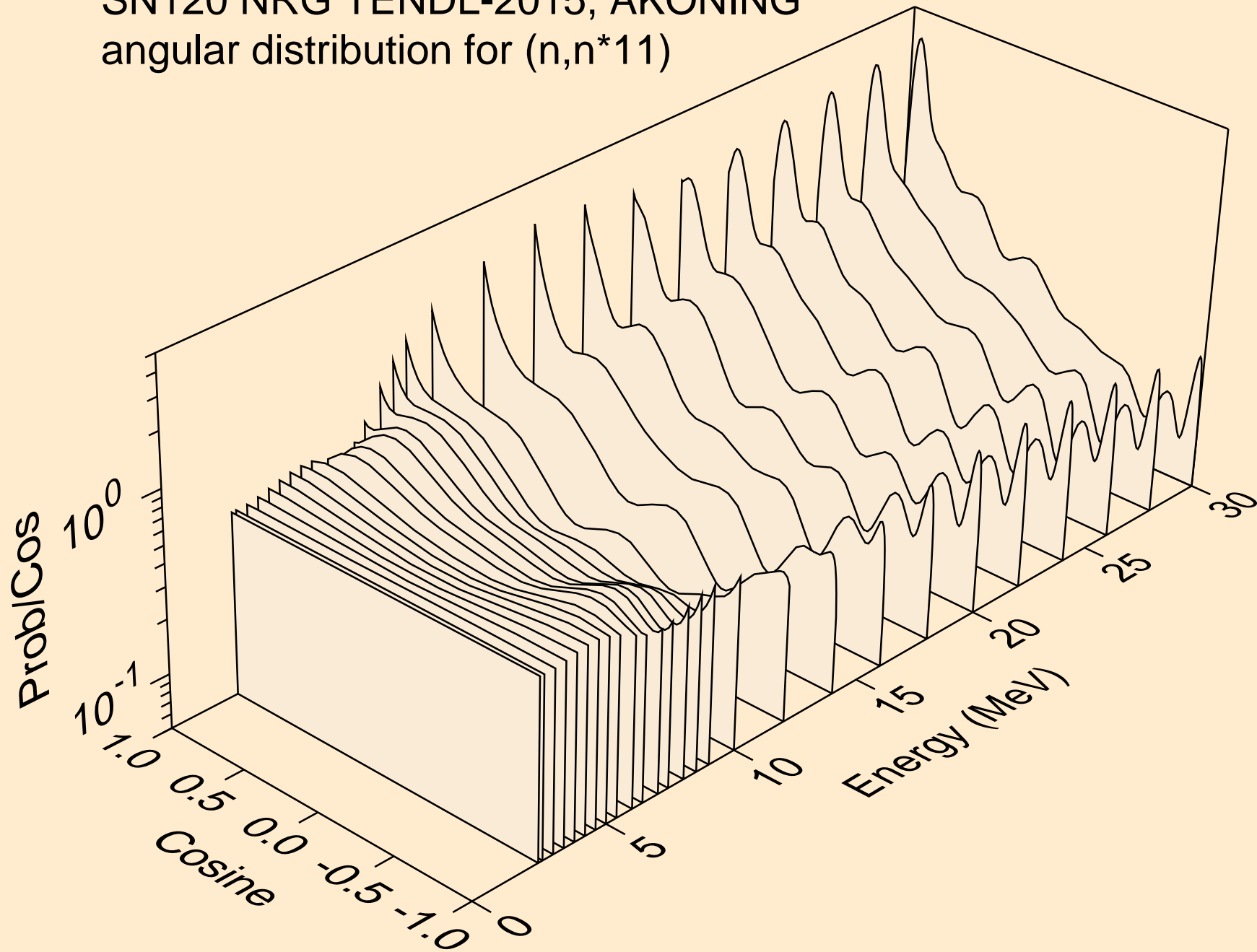
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



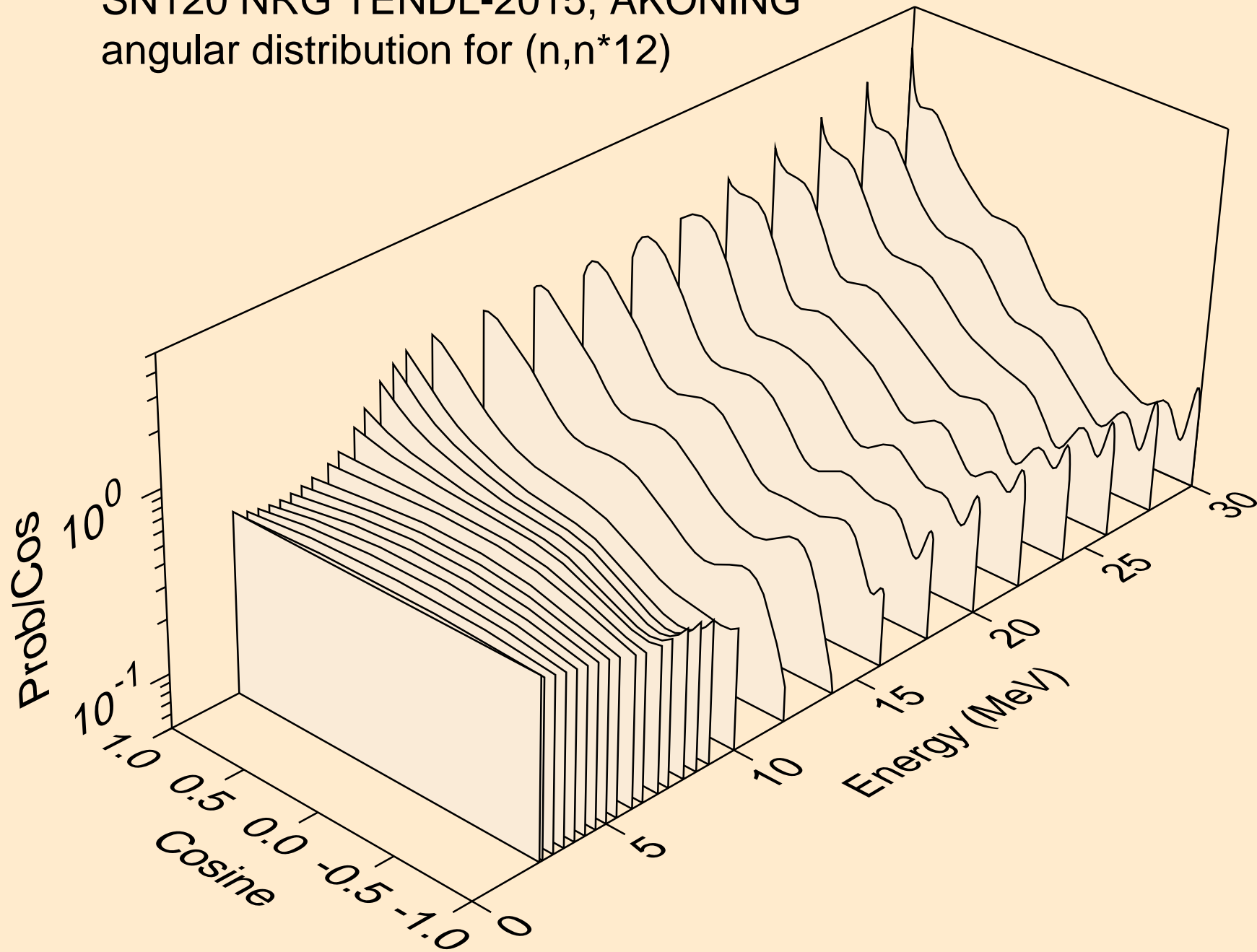
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)

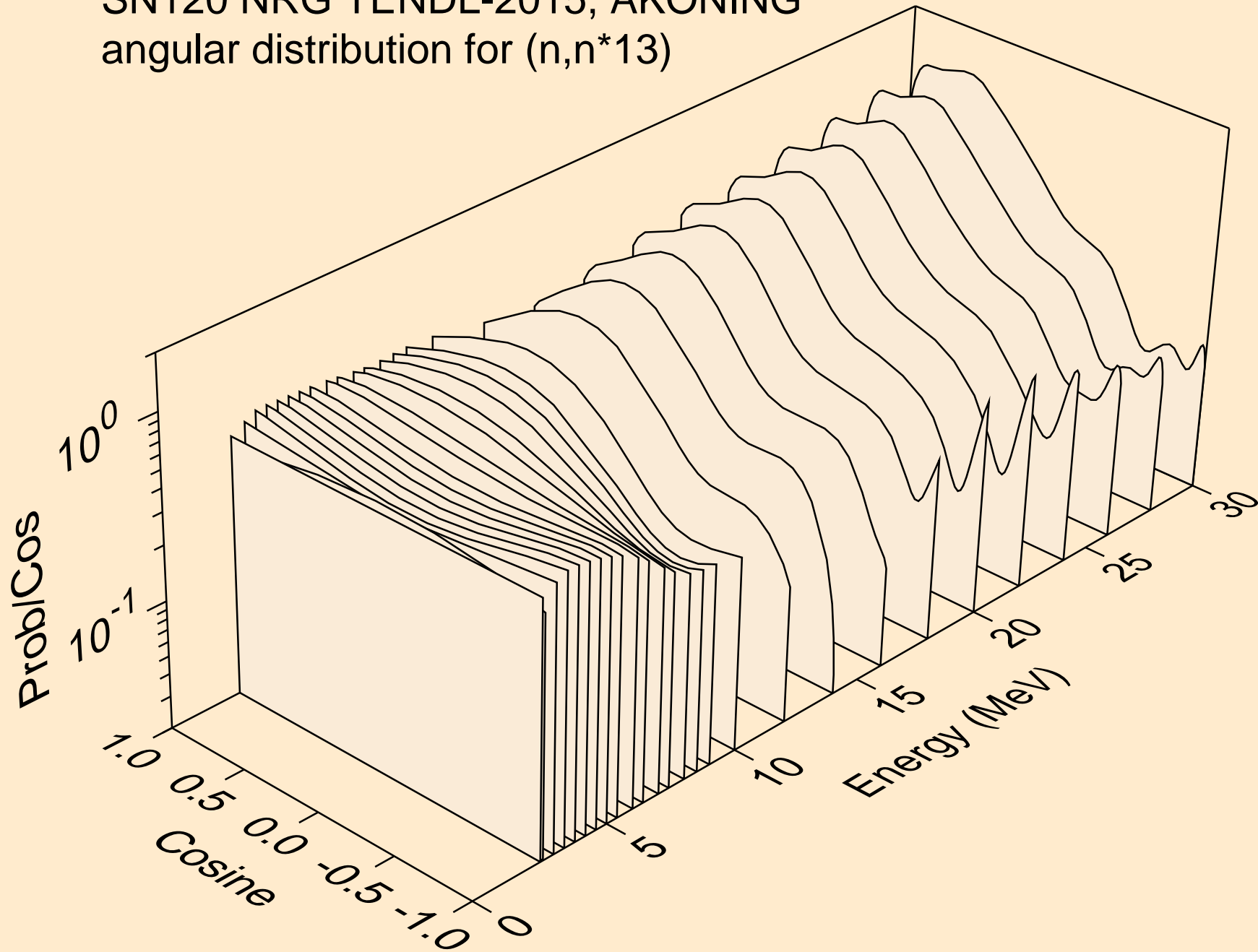


SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)

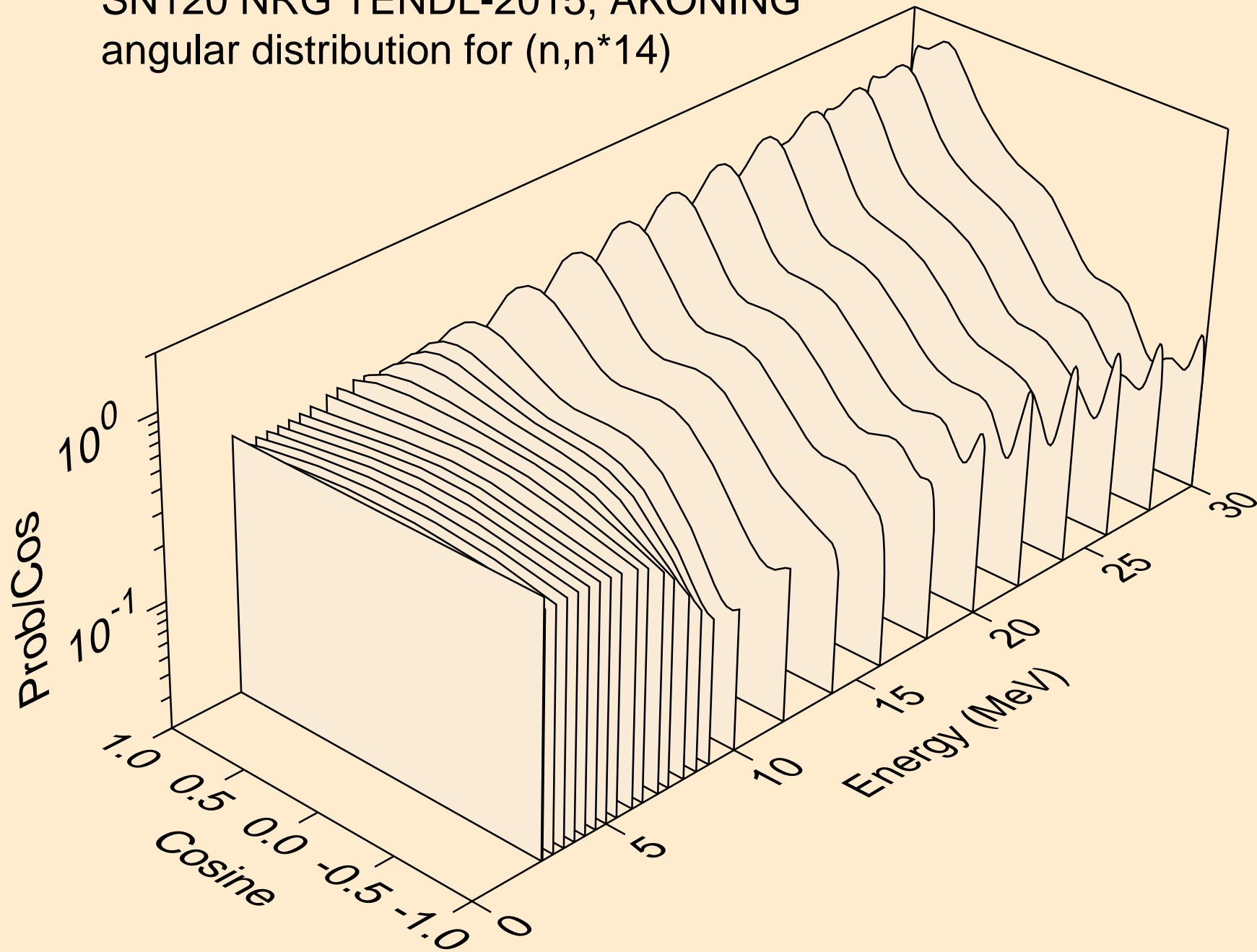




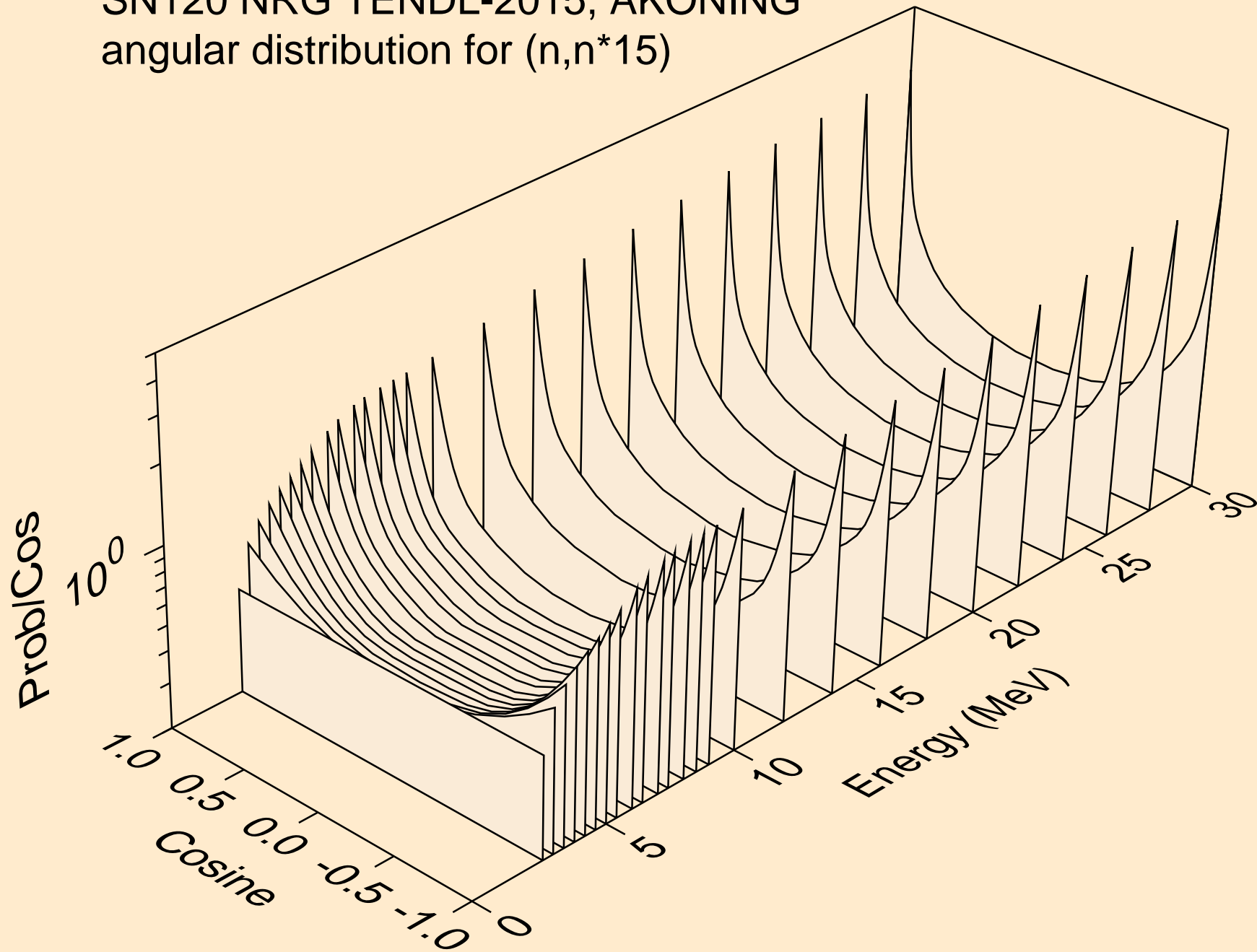
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



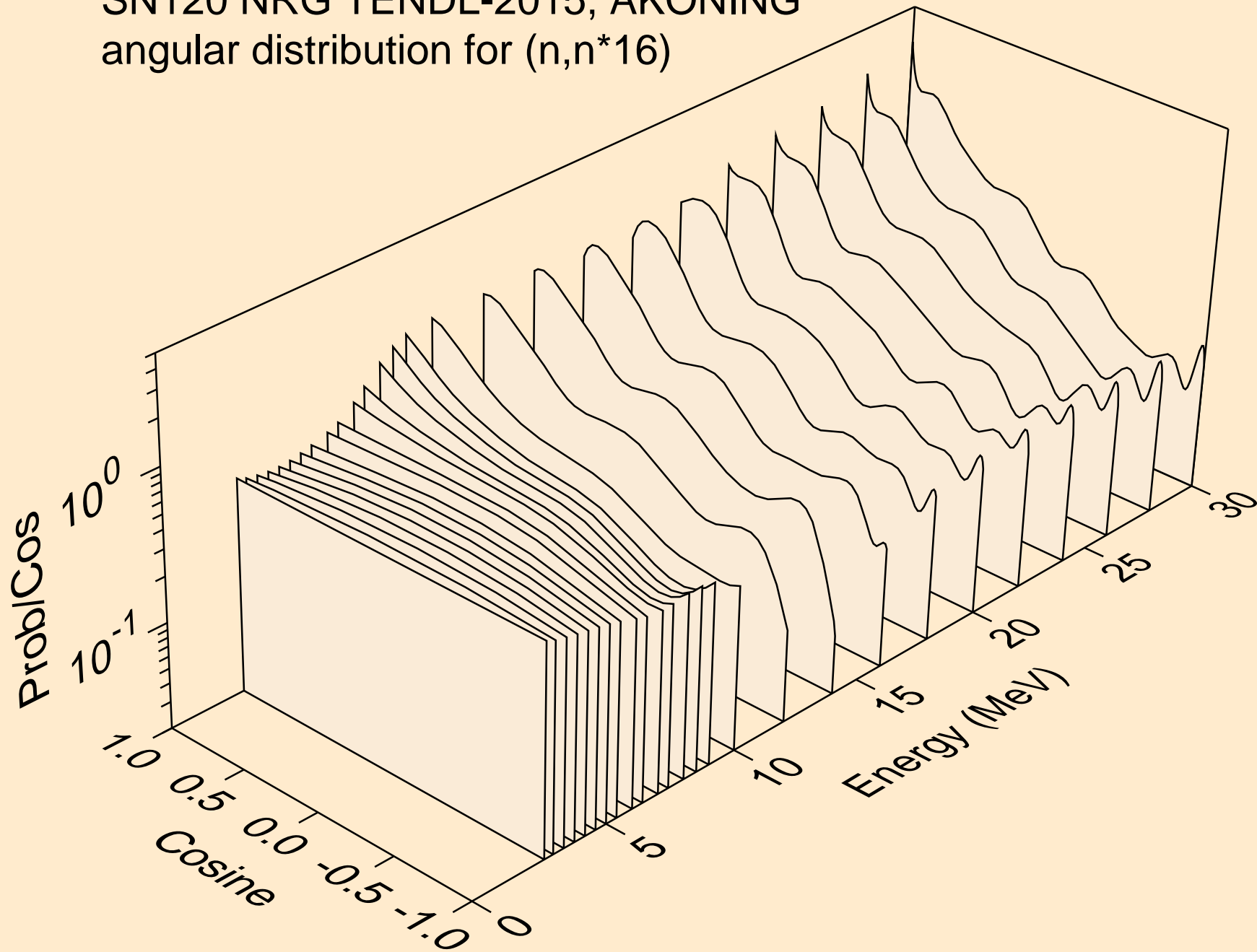
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



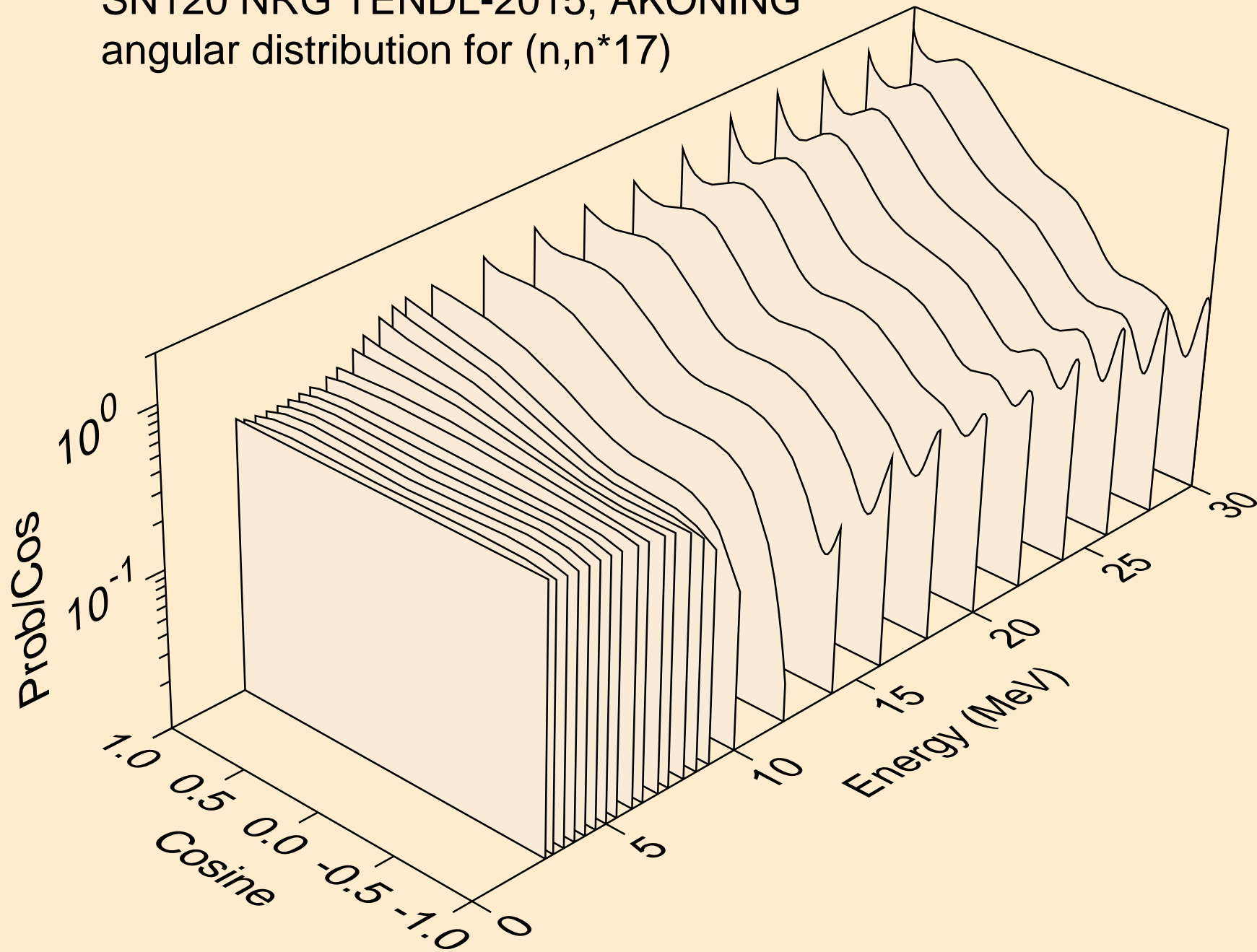
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)



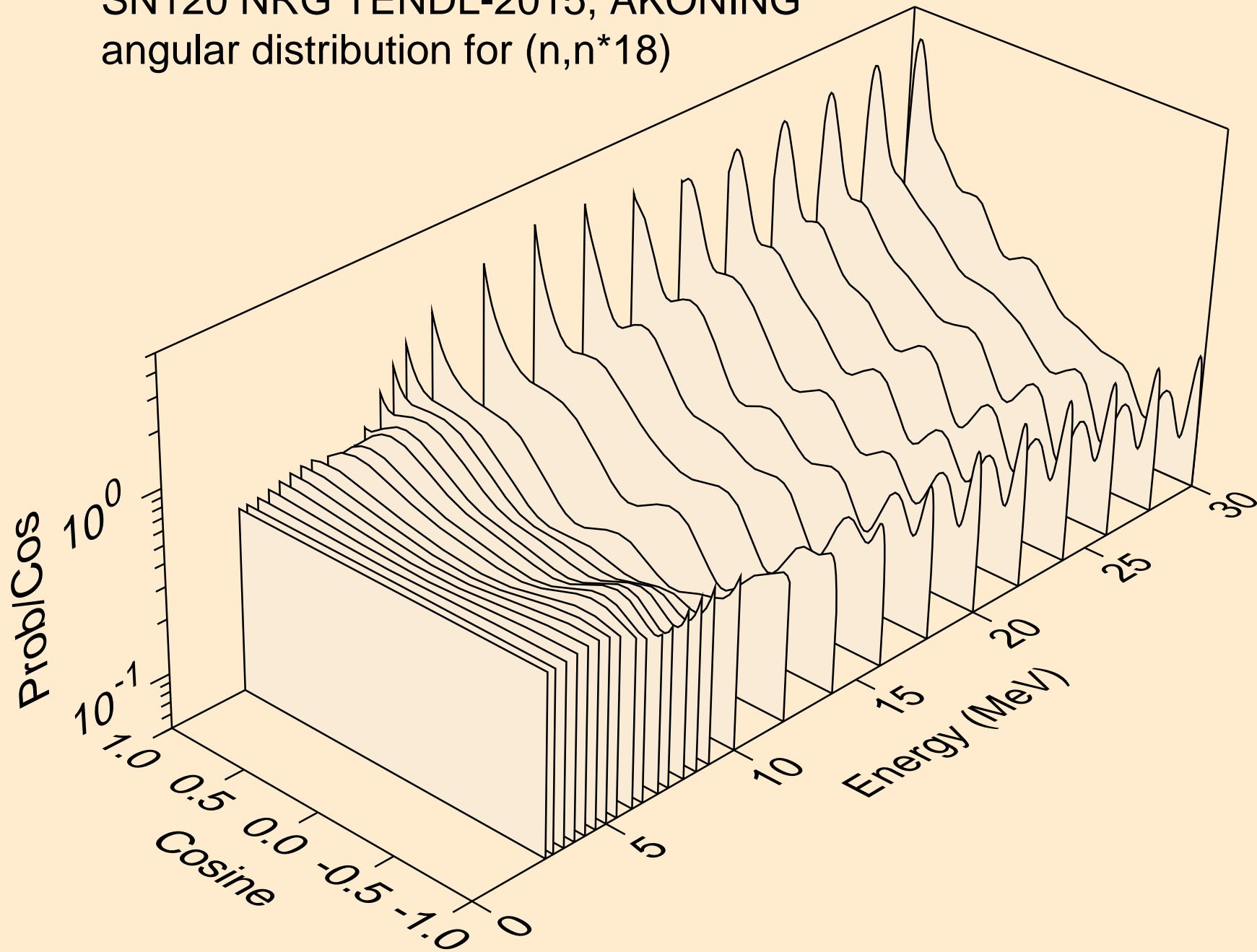
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)



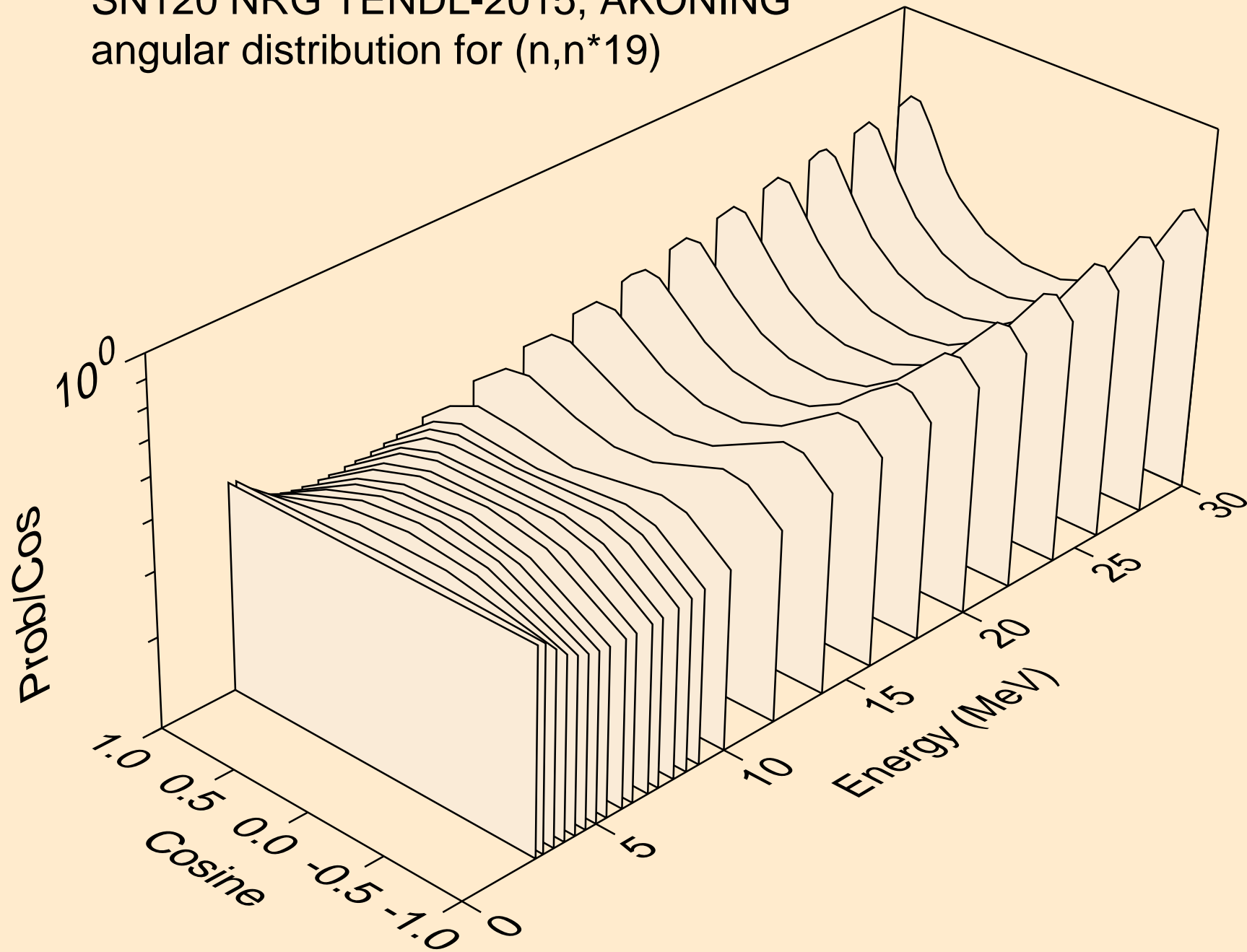
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



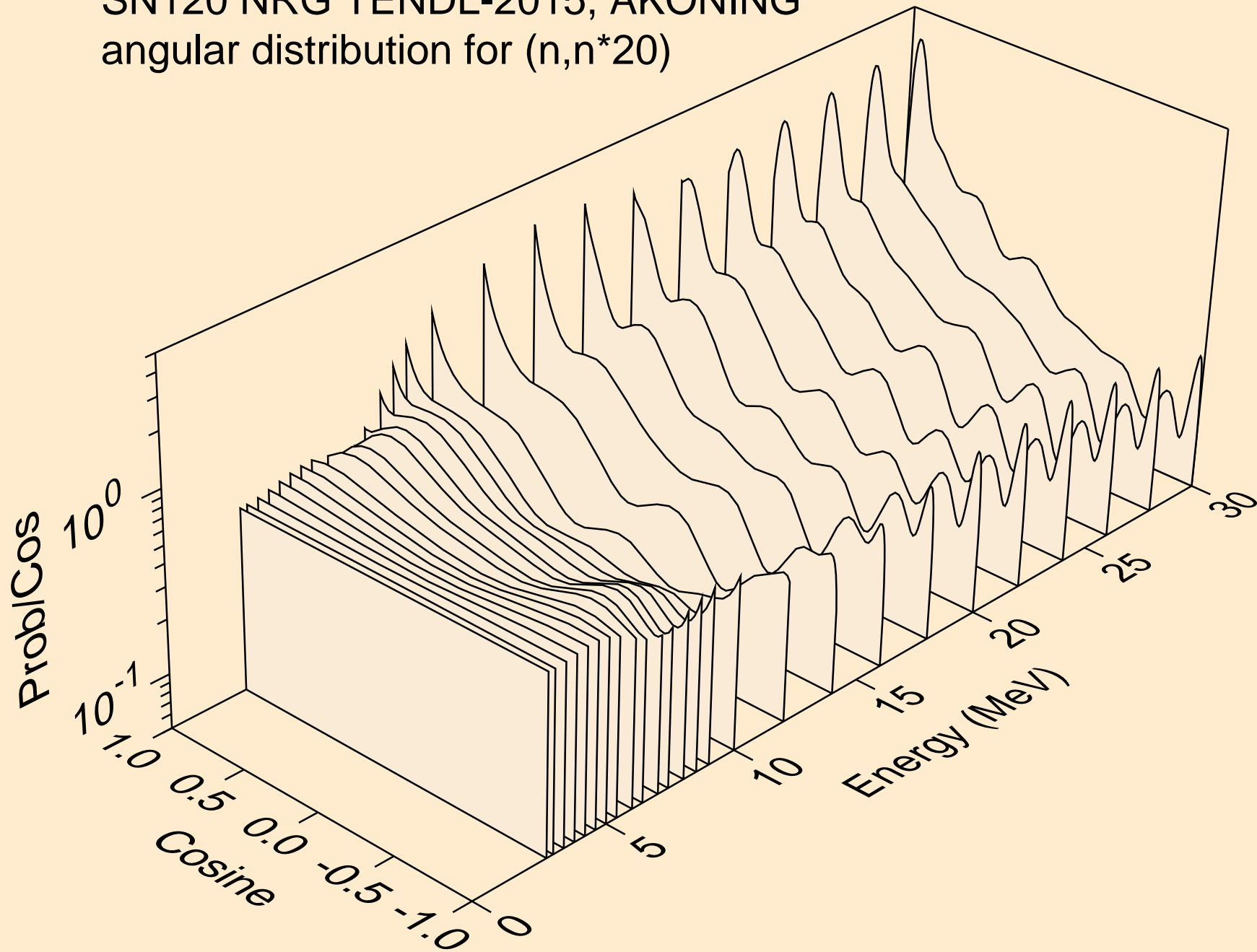
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)

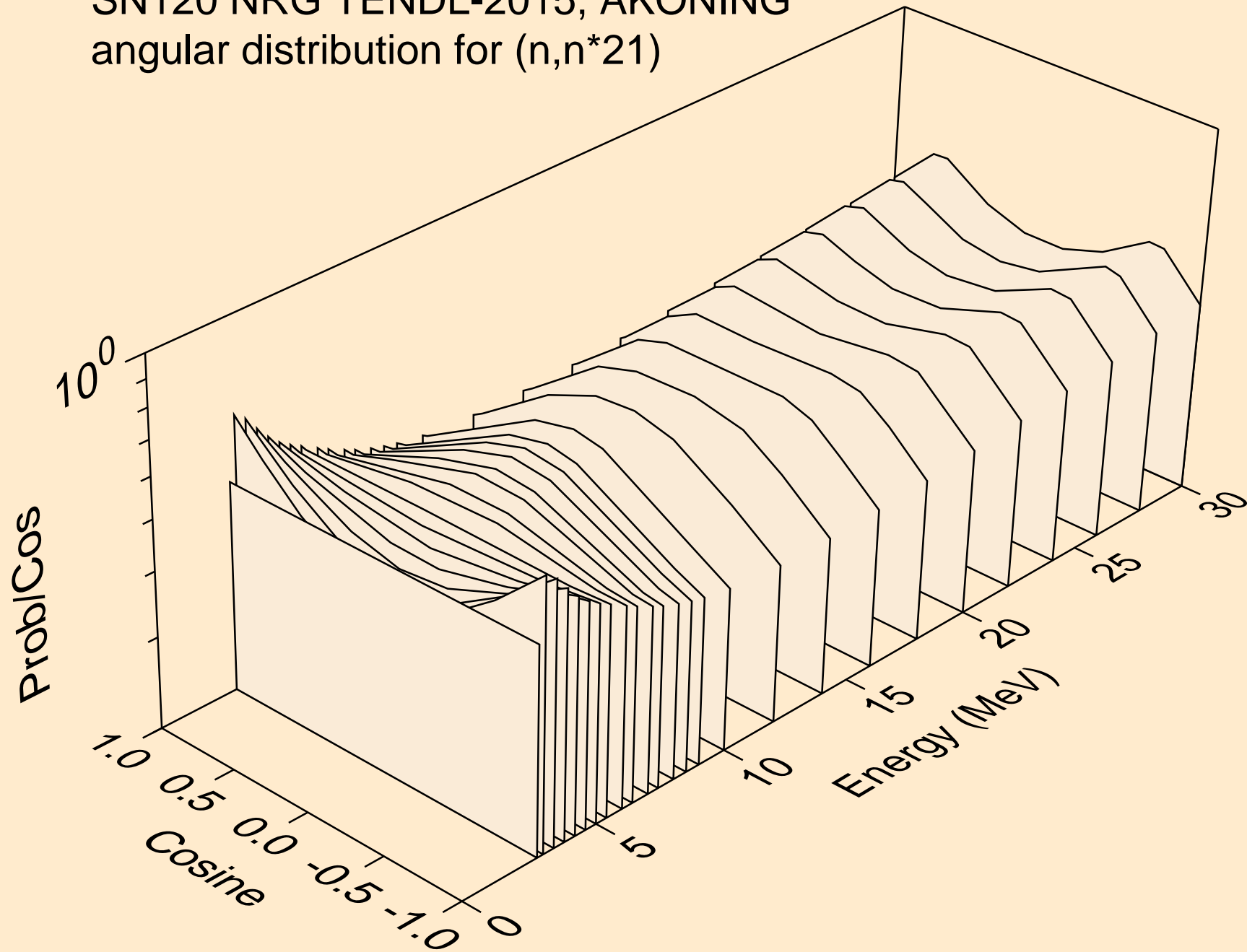


SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)

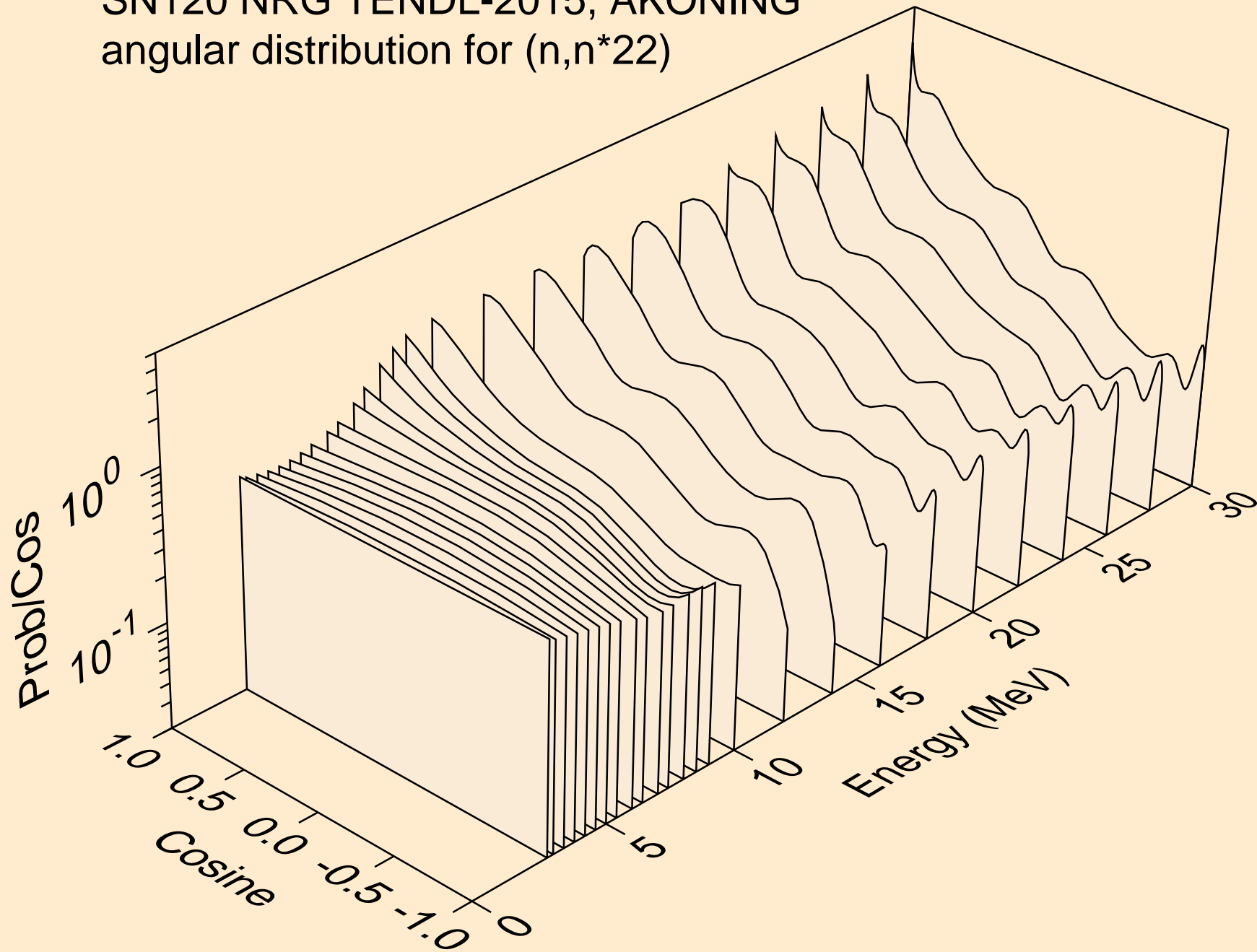




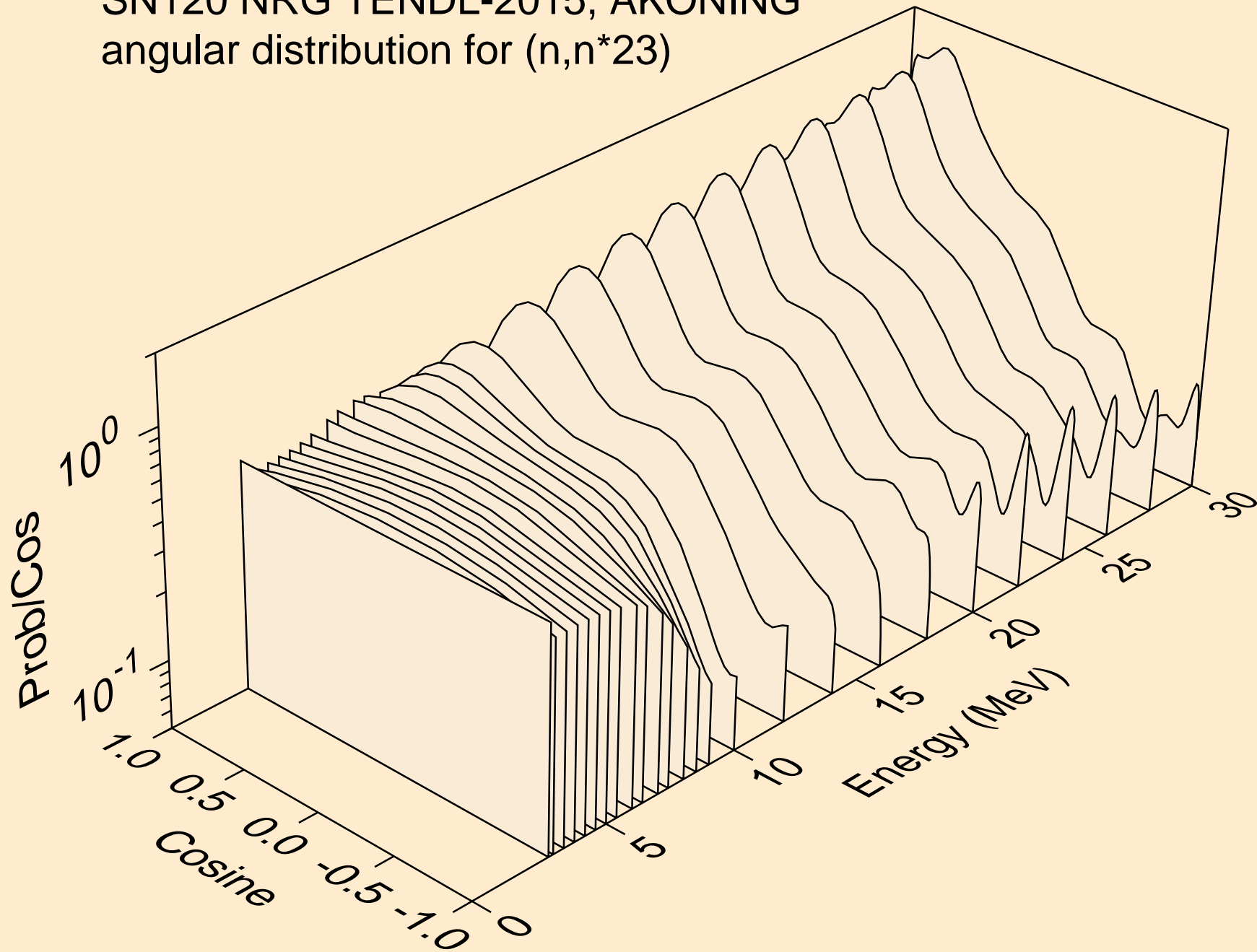
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



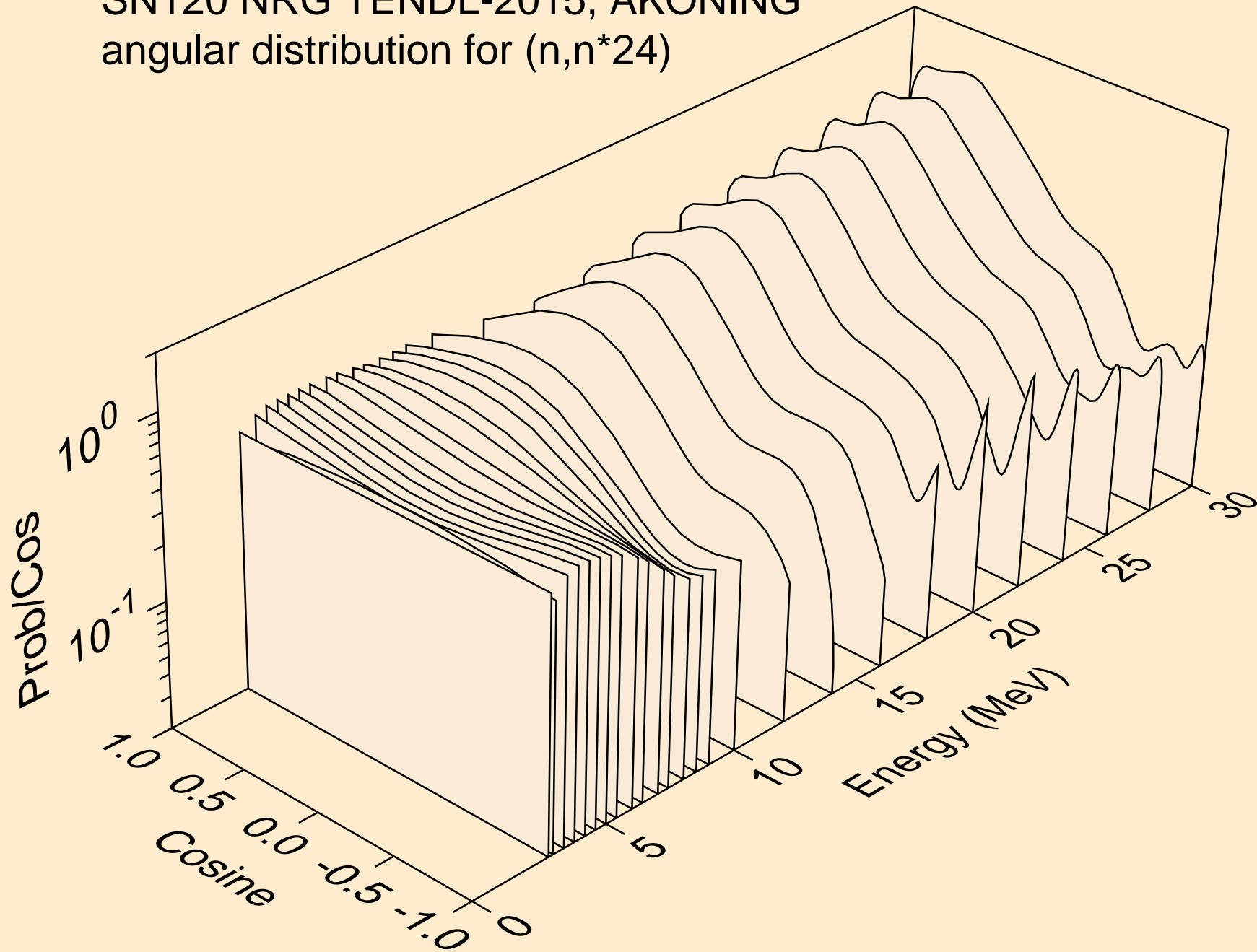
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



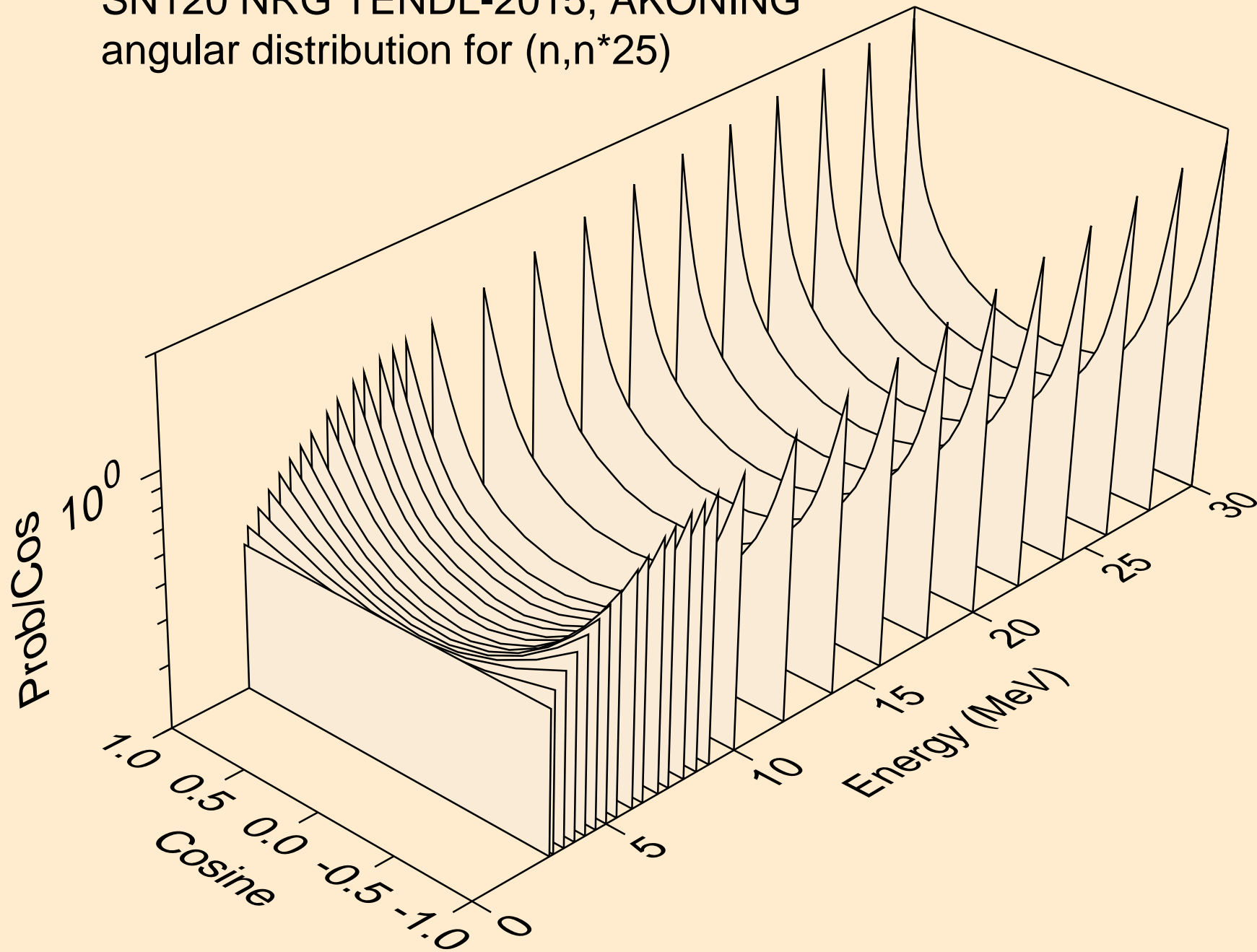
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)



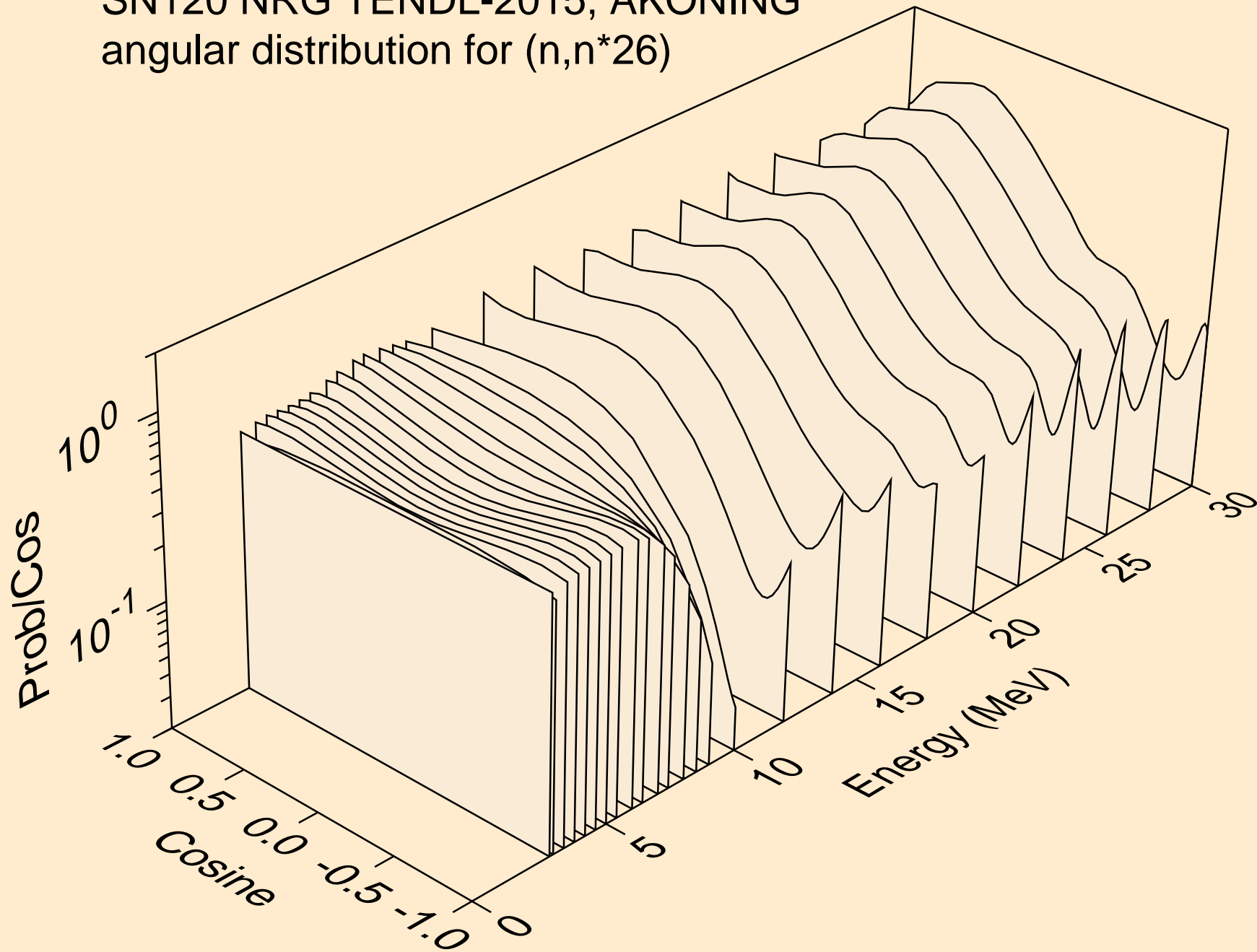
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)



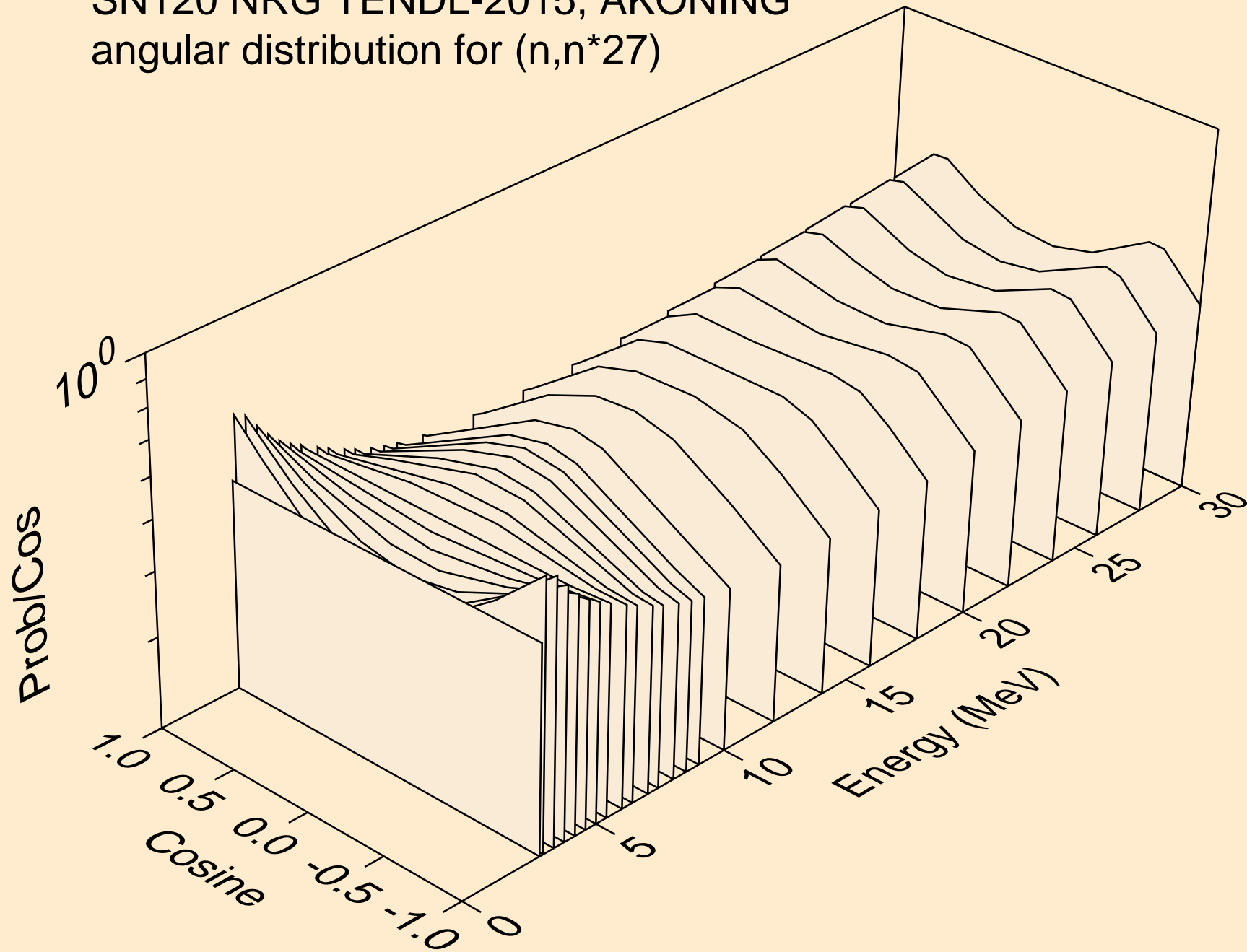
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



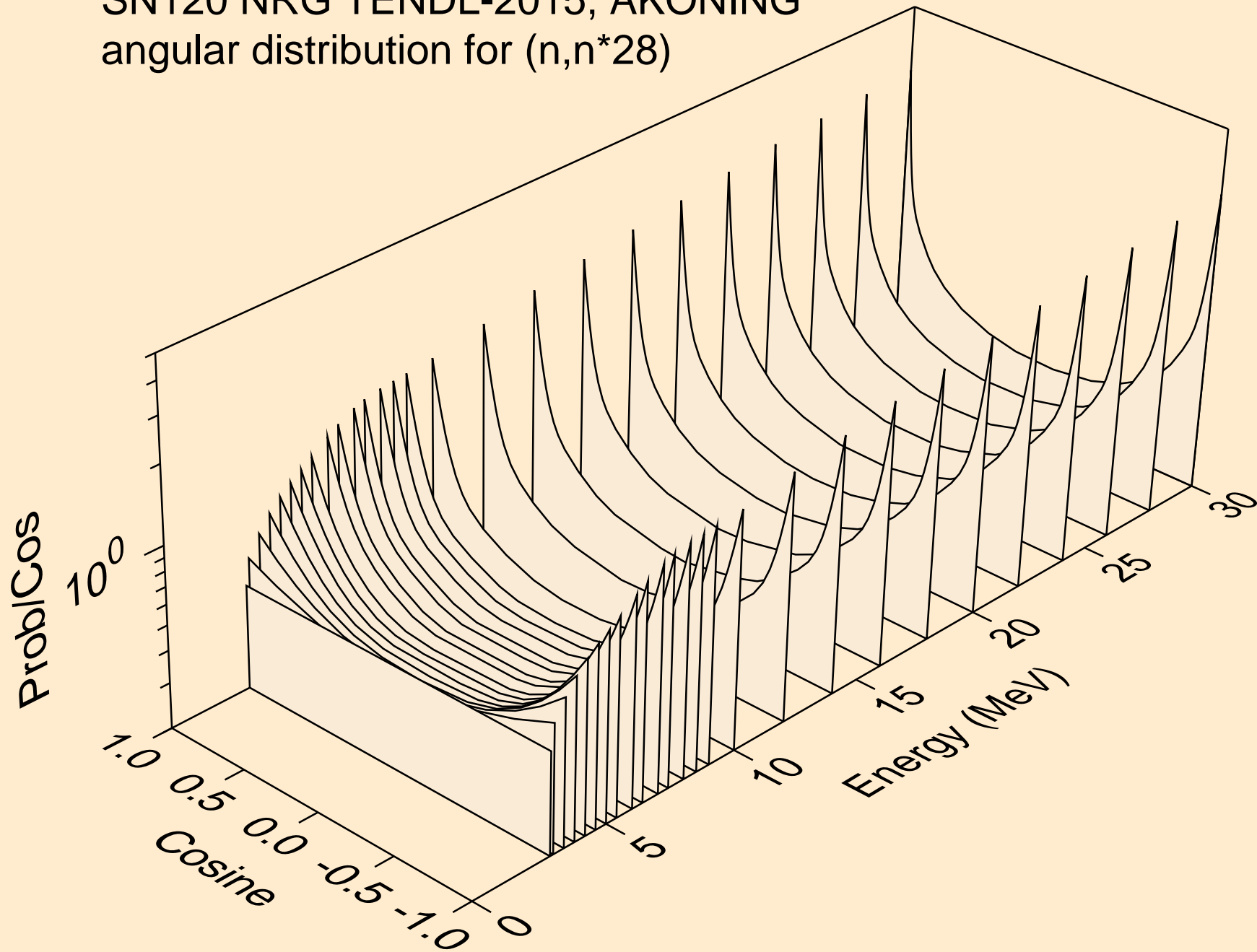
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)

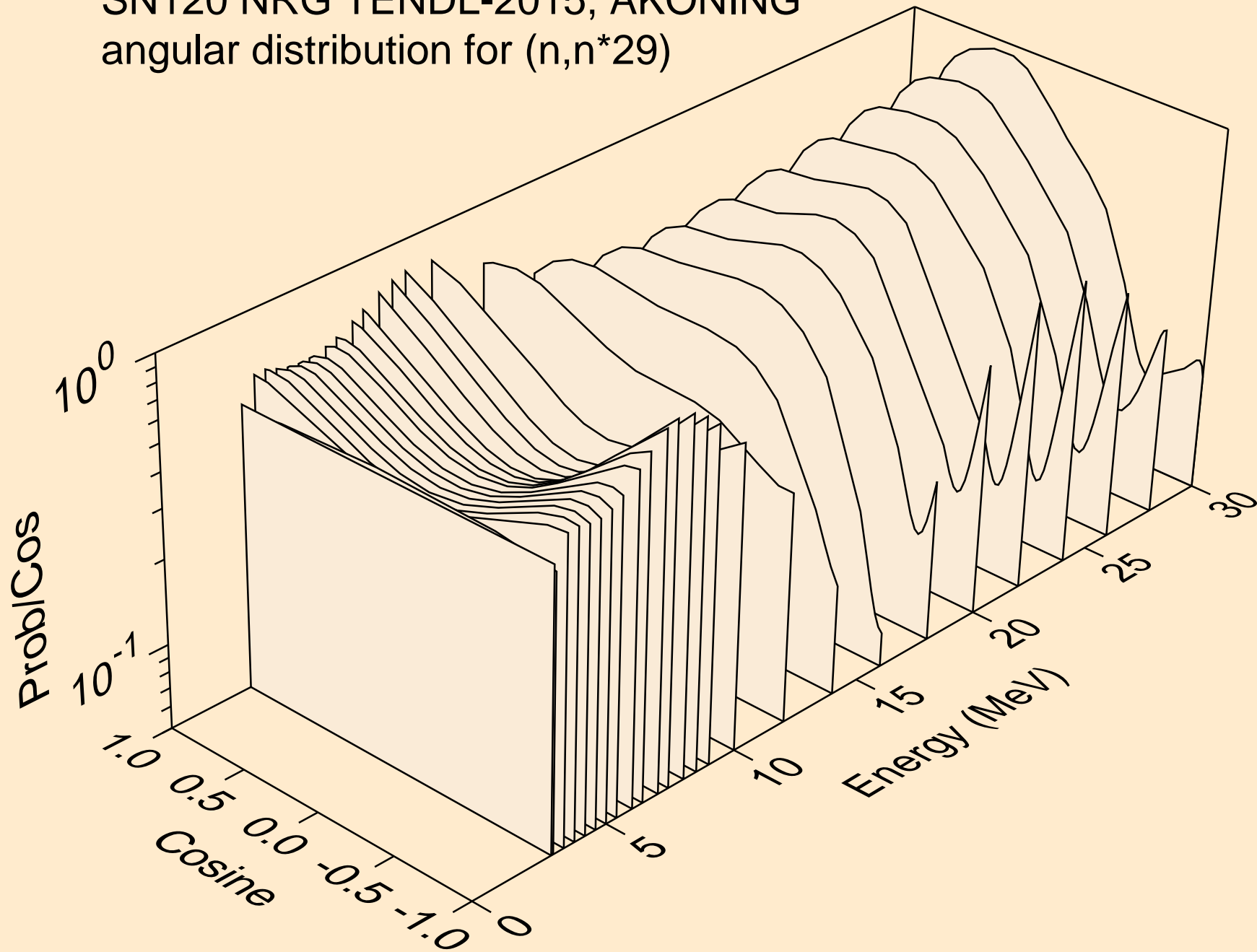


SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)

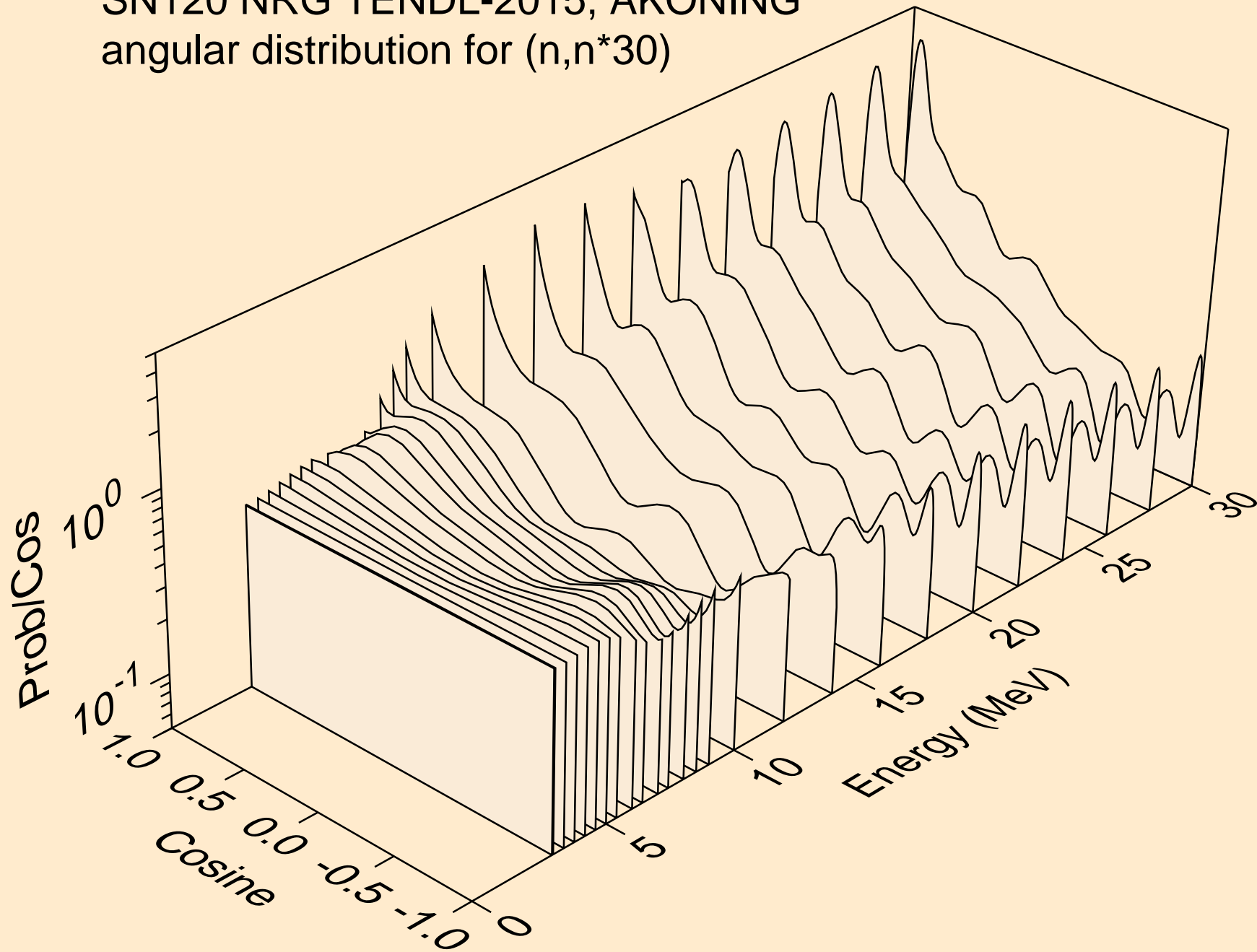




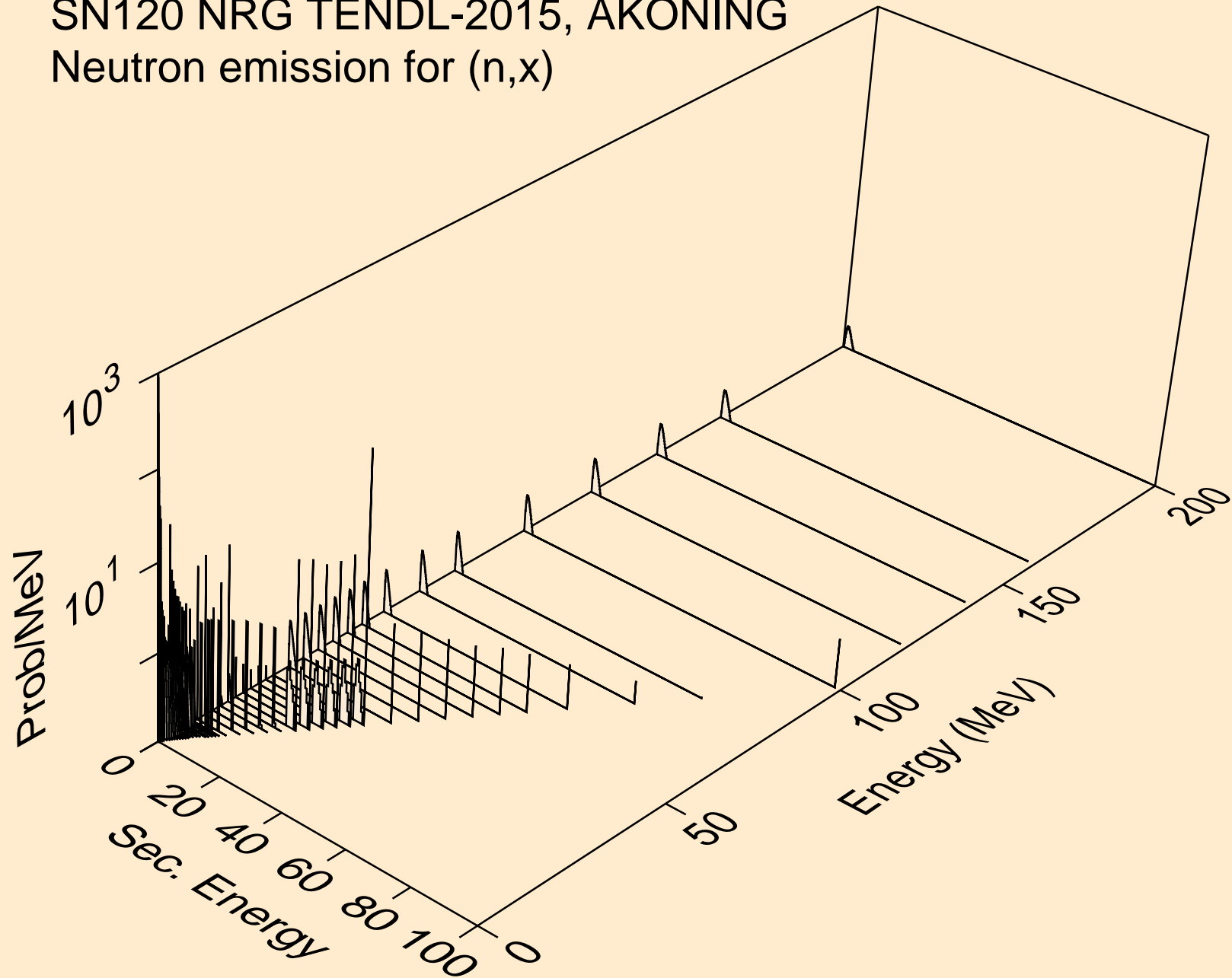
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



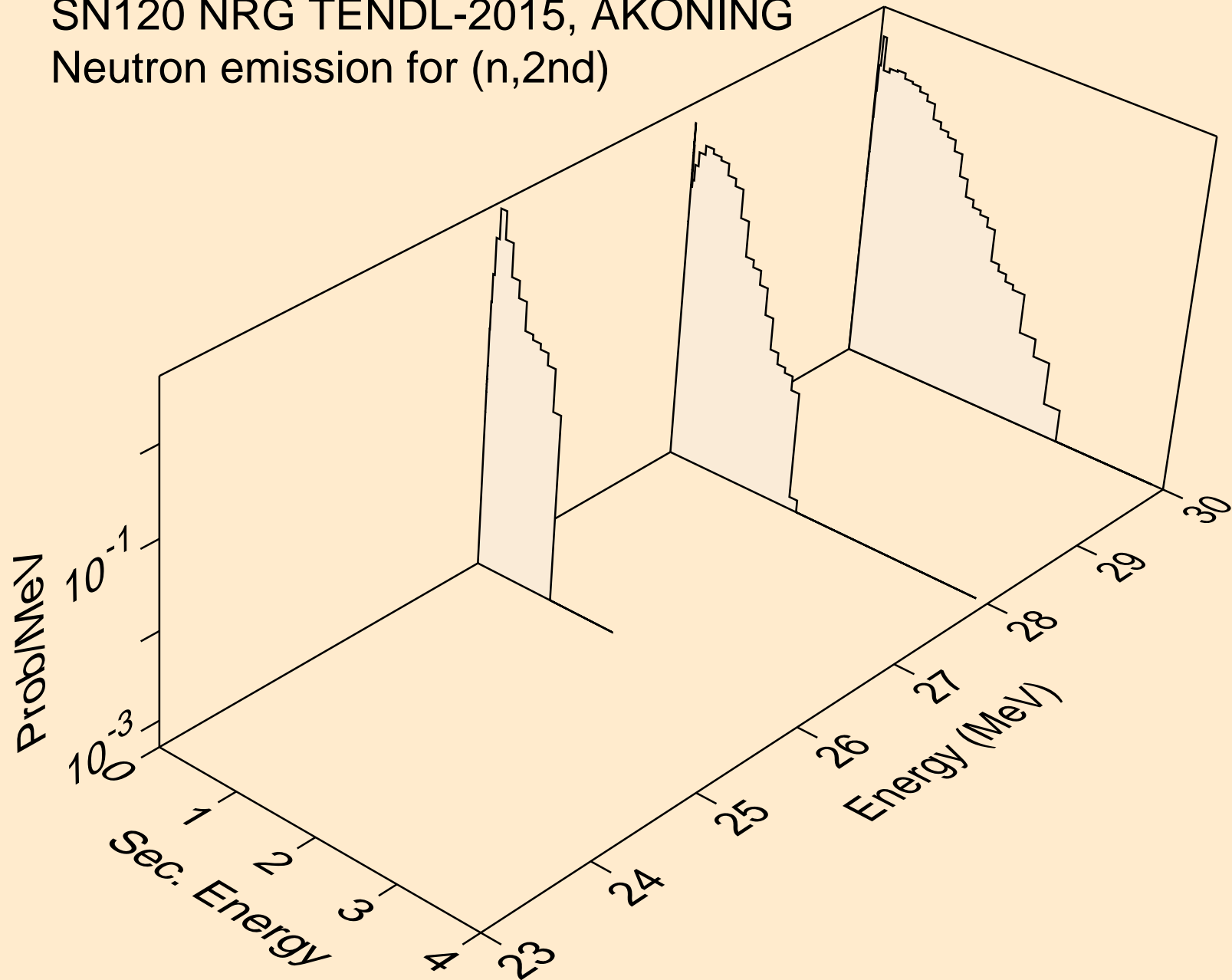
SN120 NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



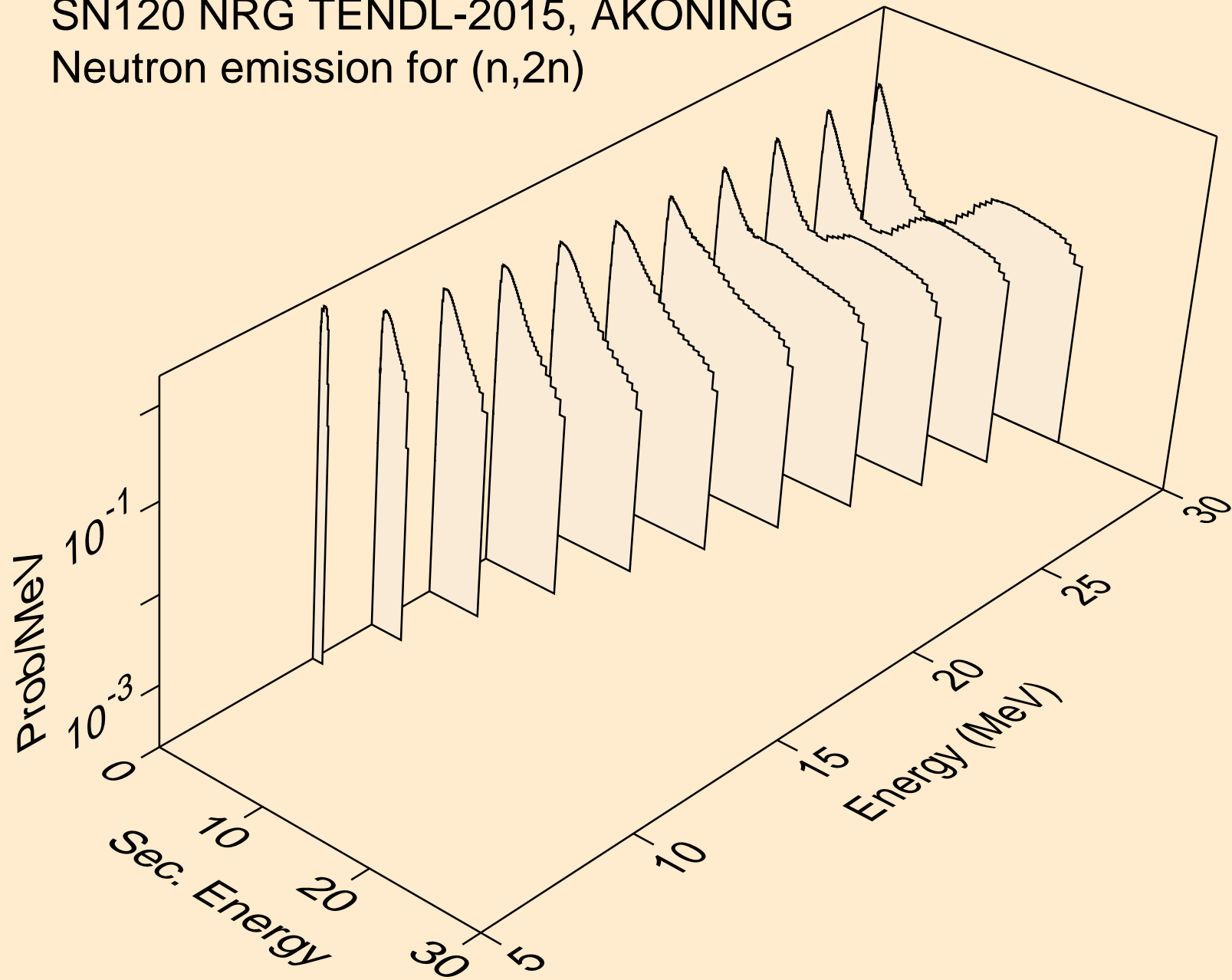
SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,x)



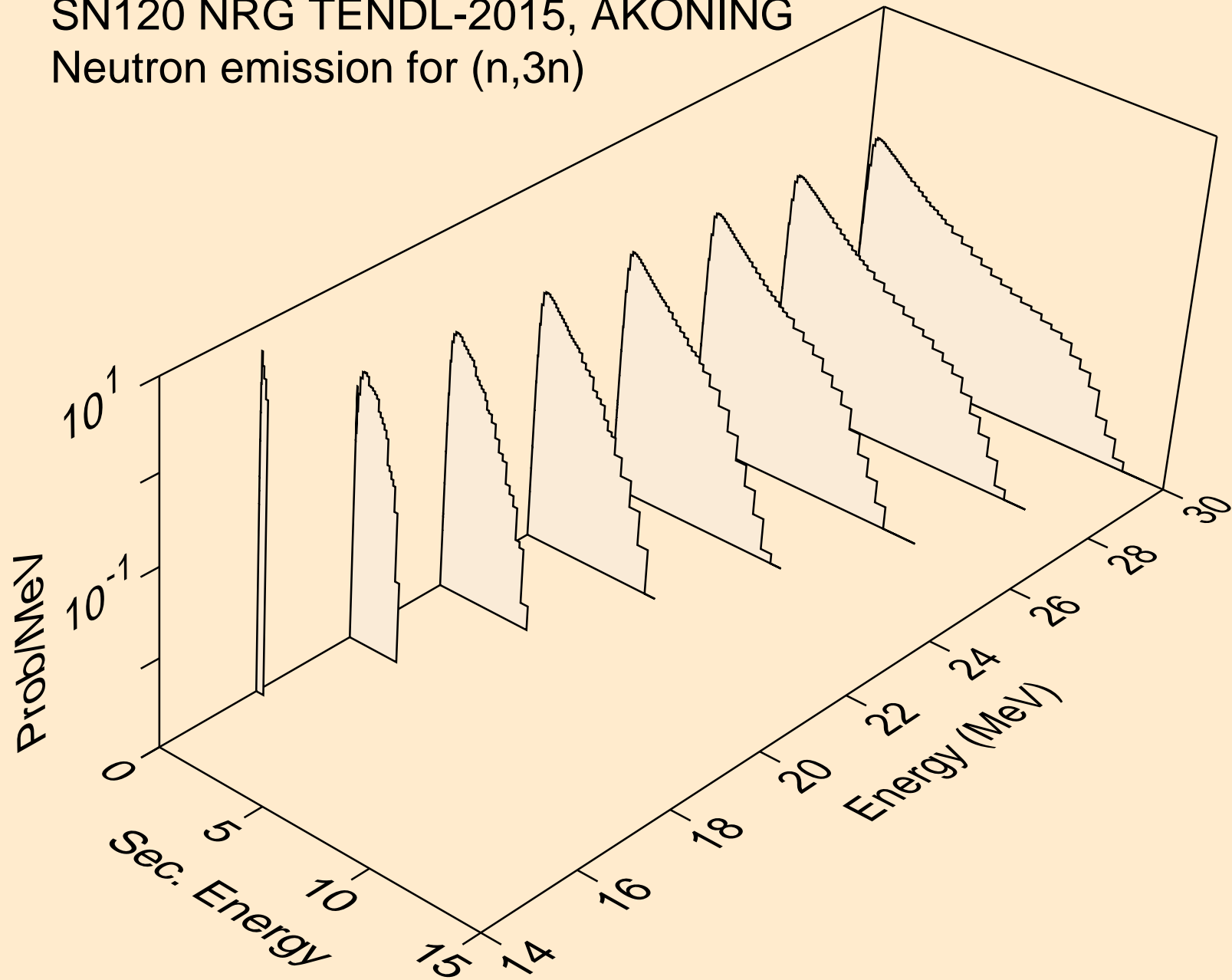
SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)



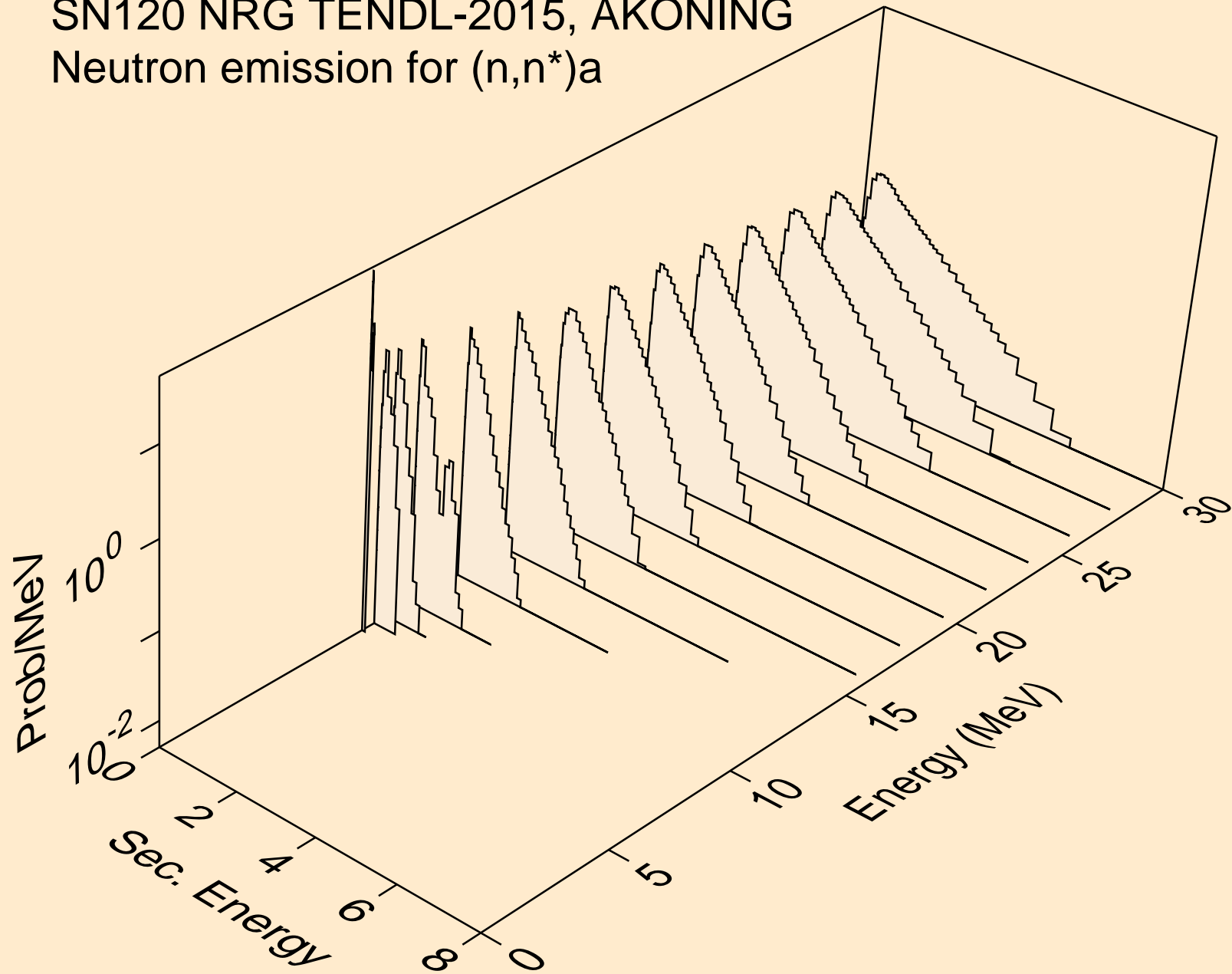
SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



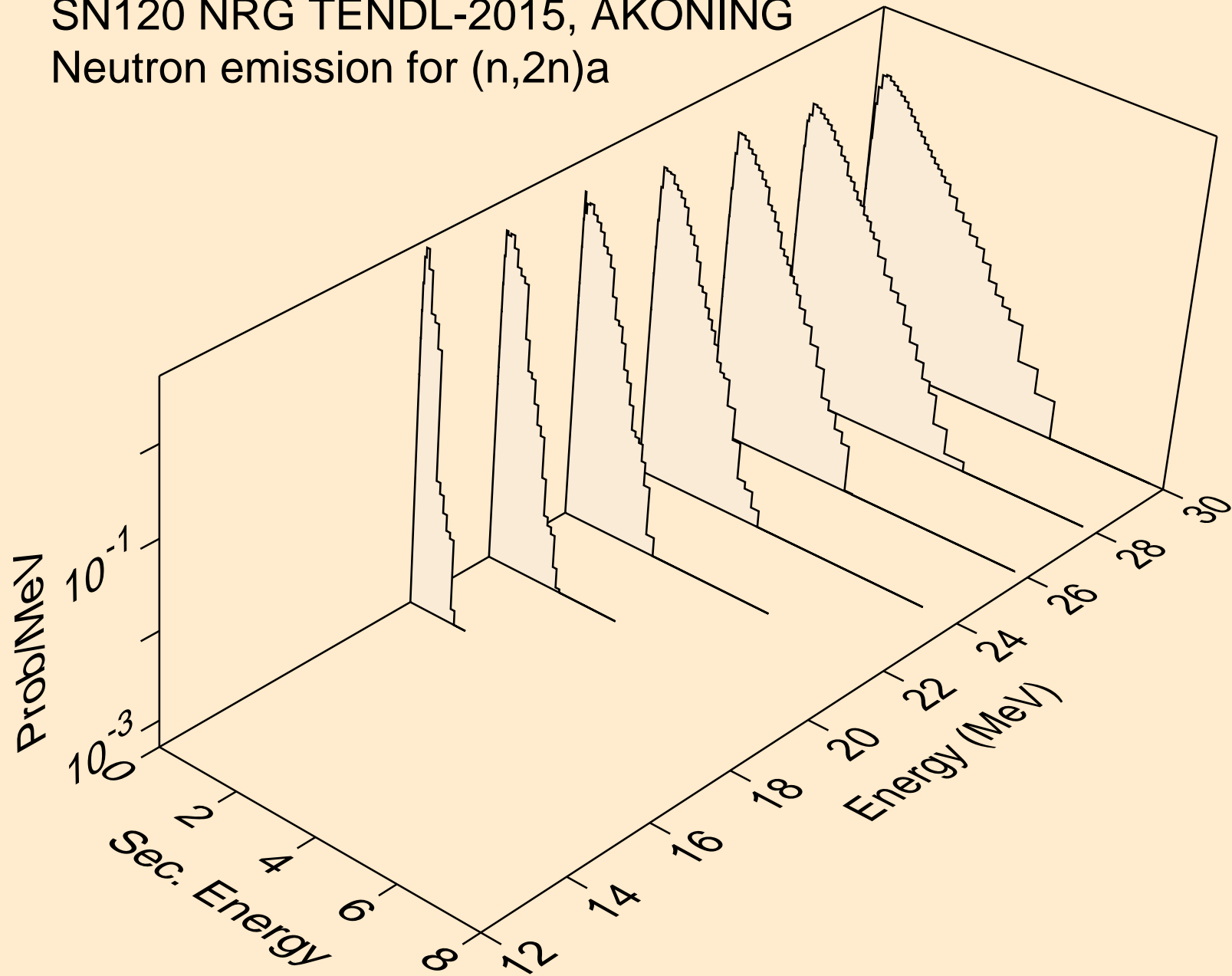
SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a

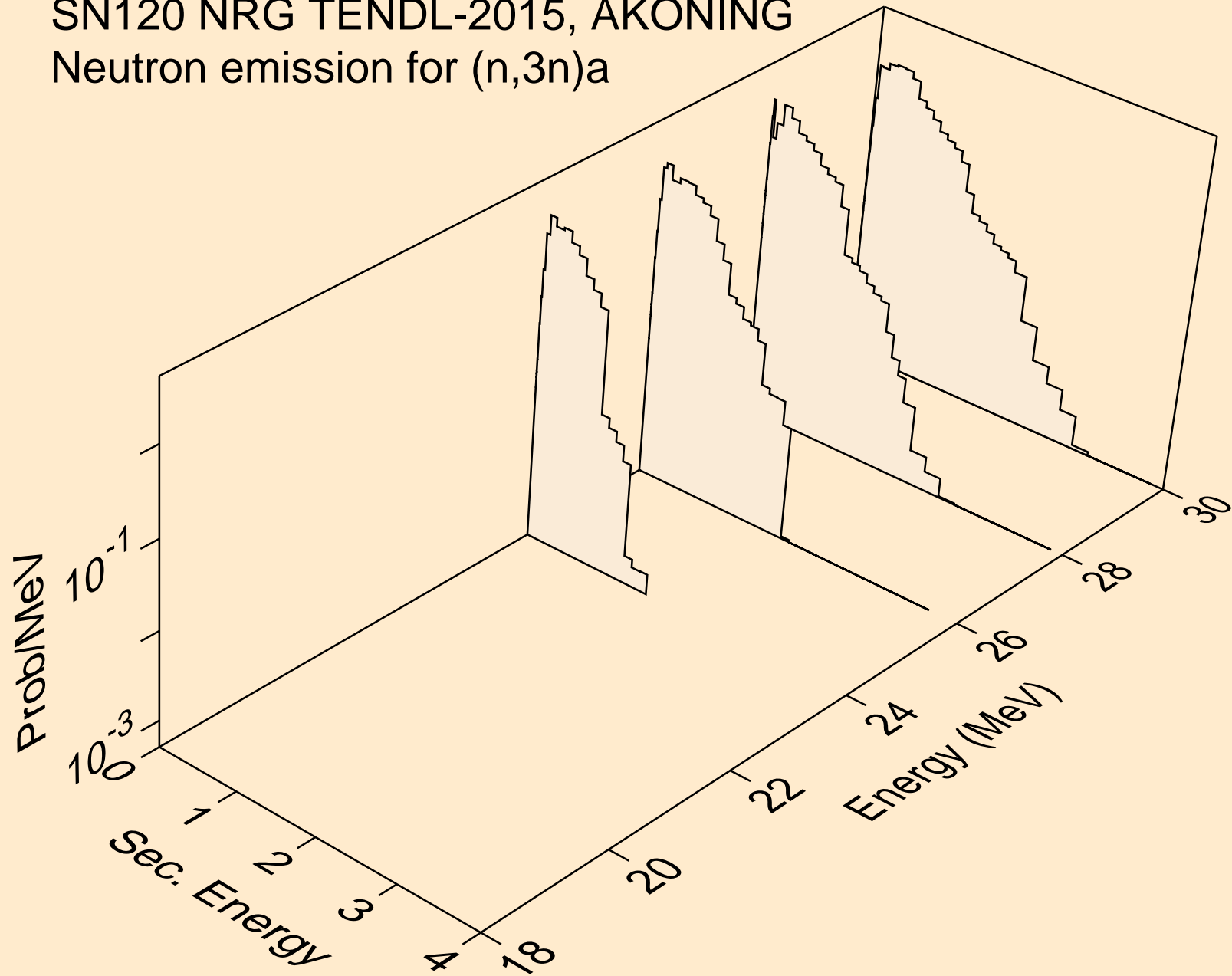


SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a

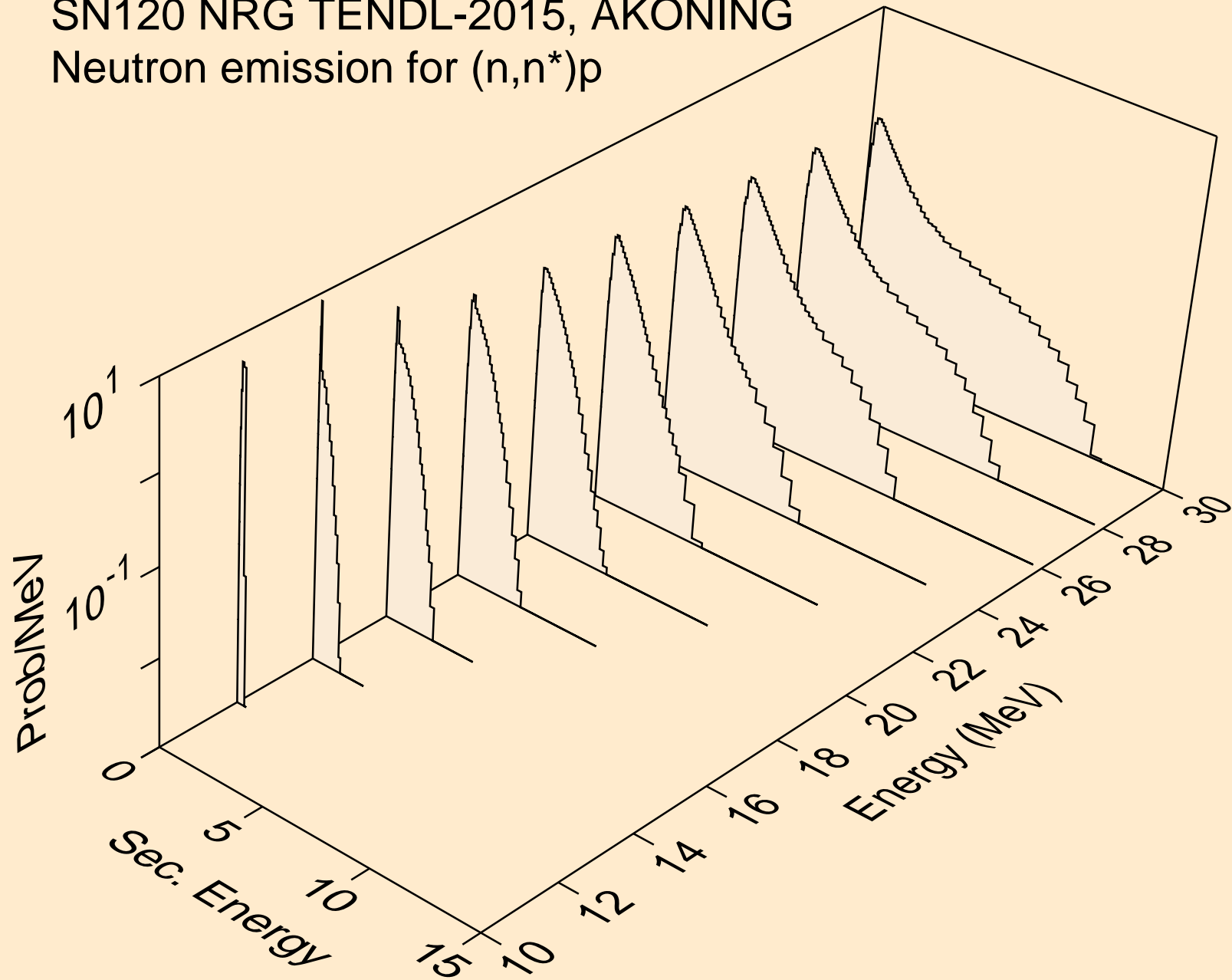




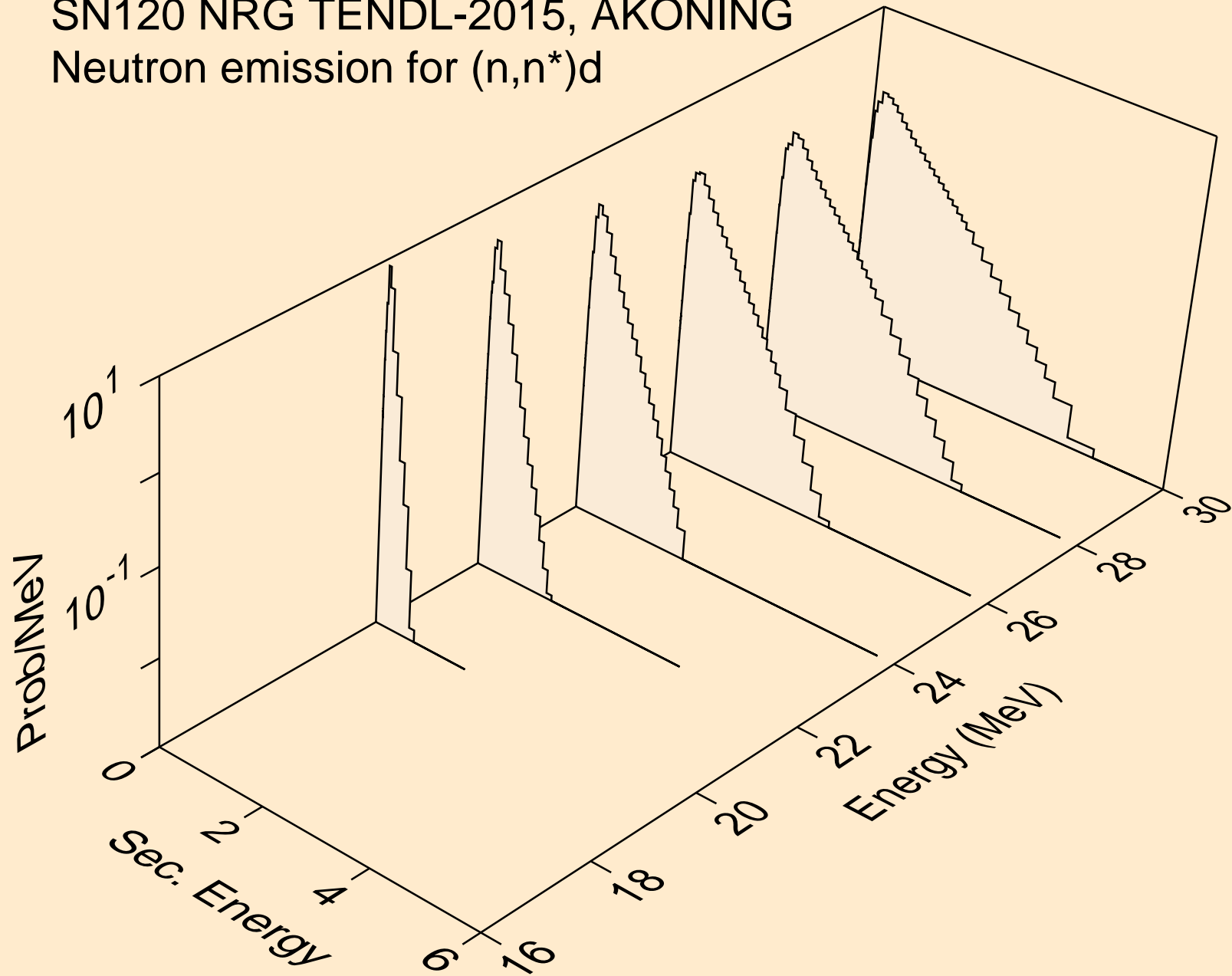
SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



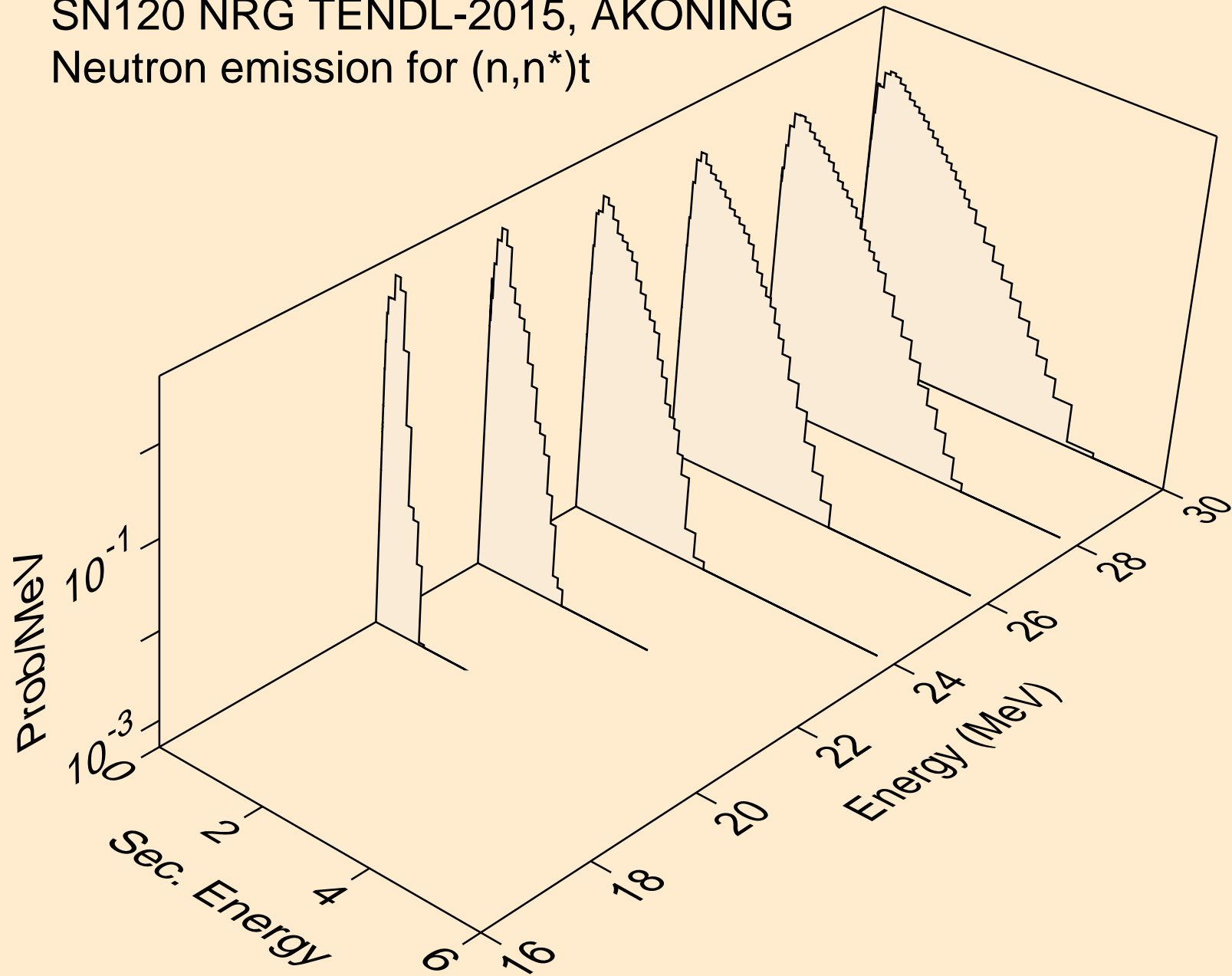
SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



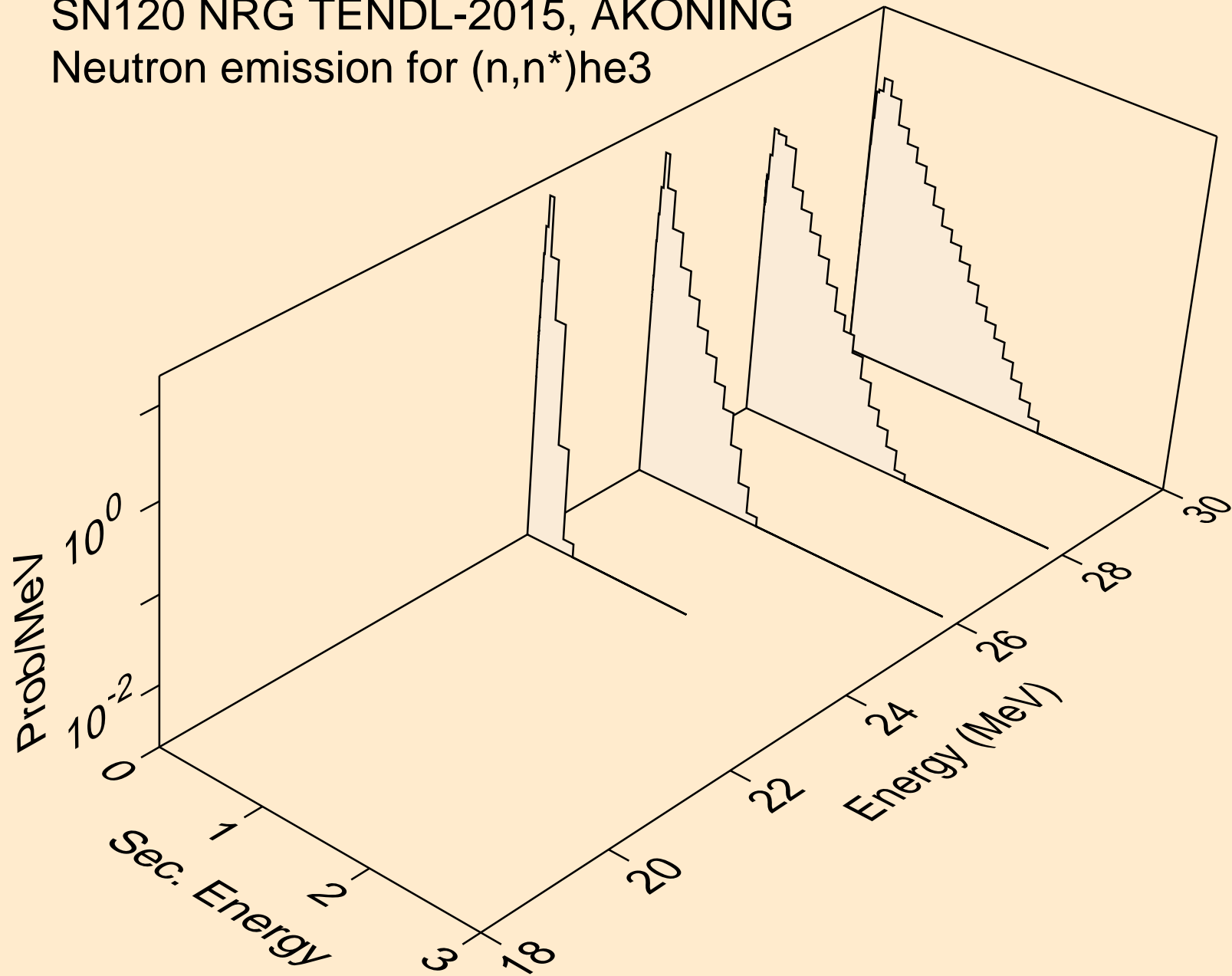
SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d



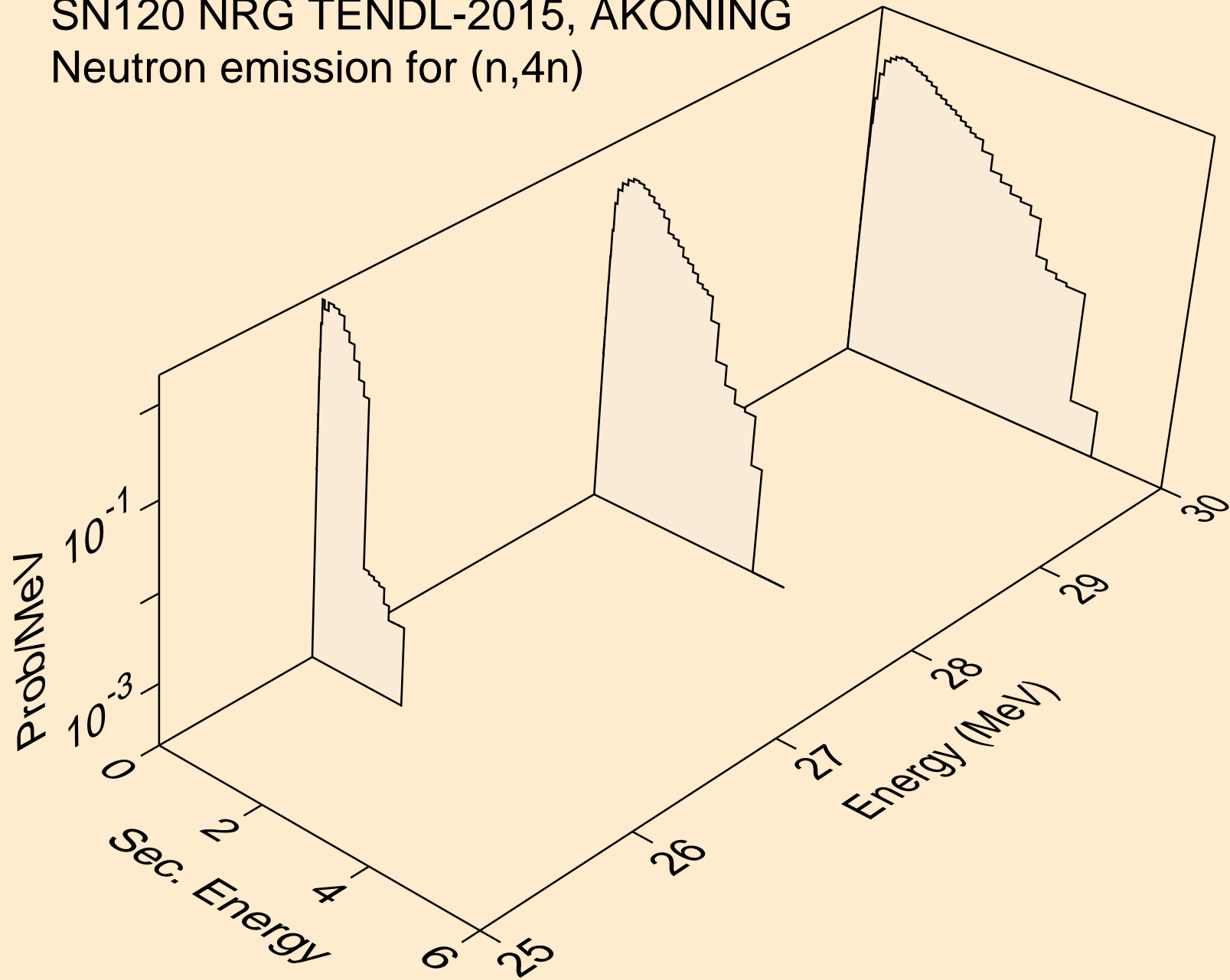
SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t



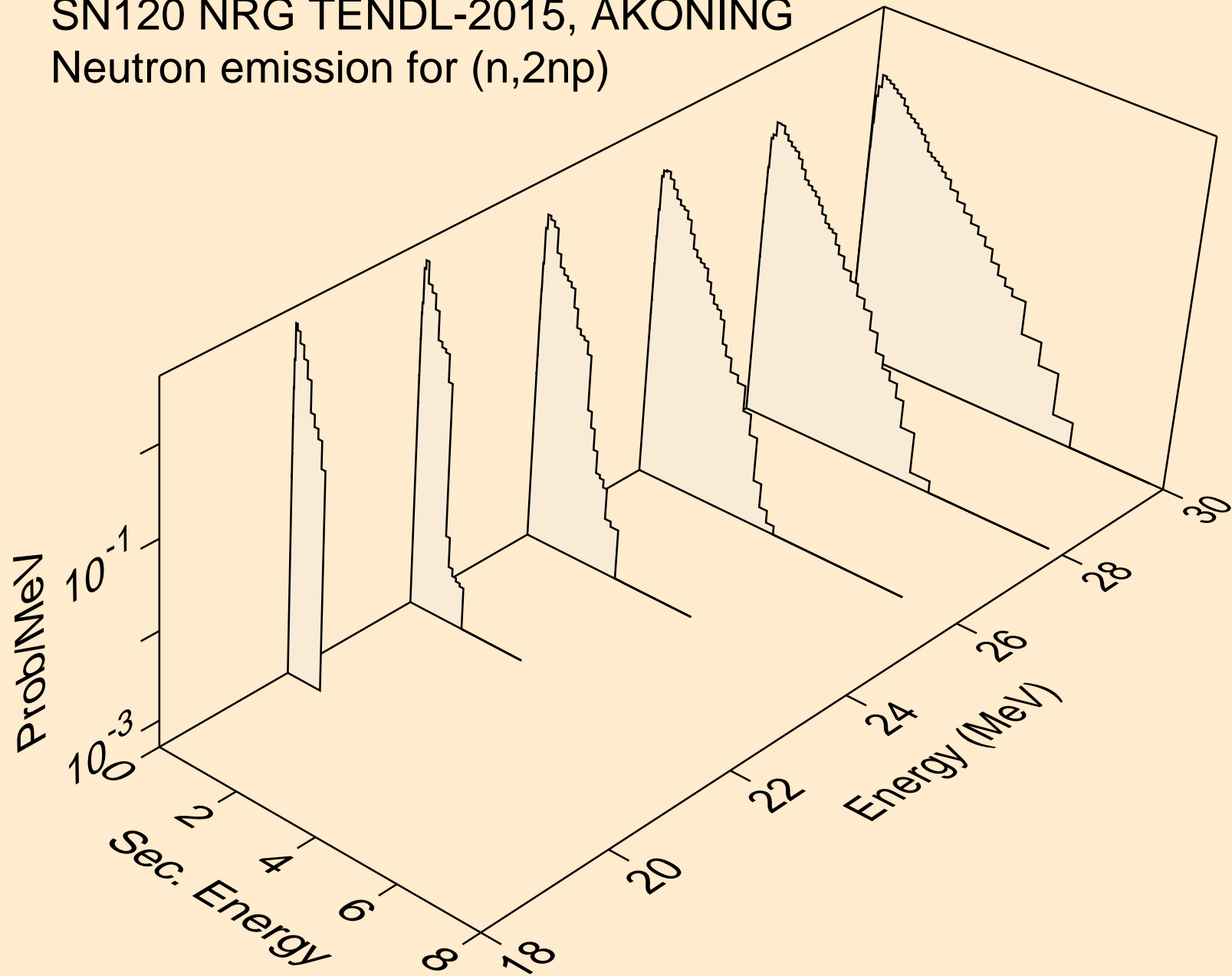
SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



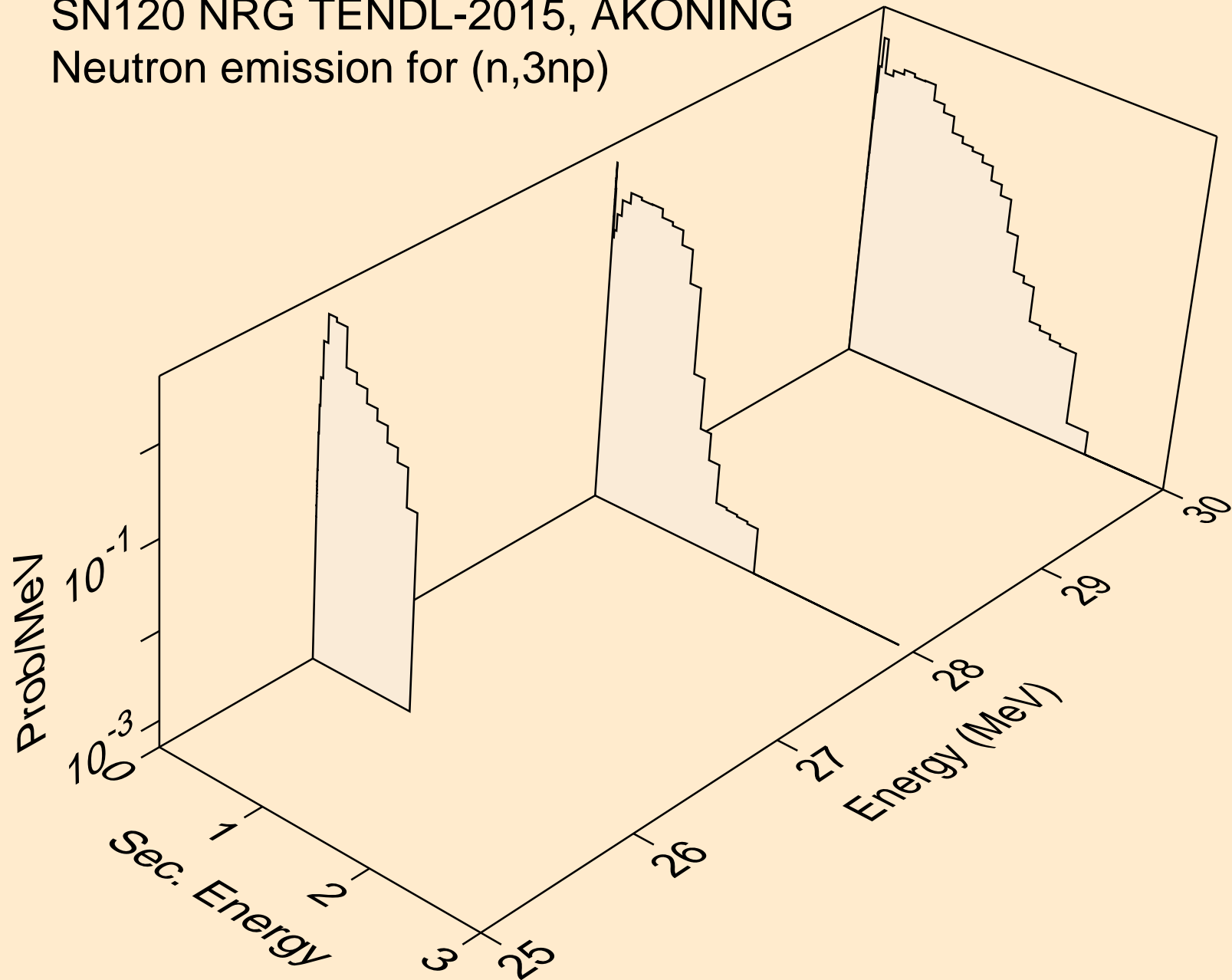
SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)

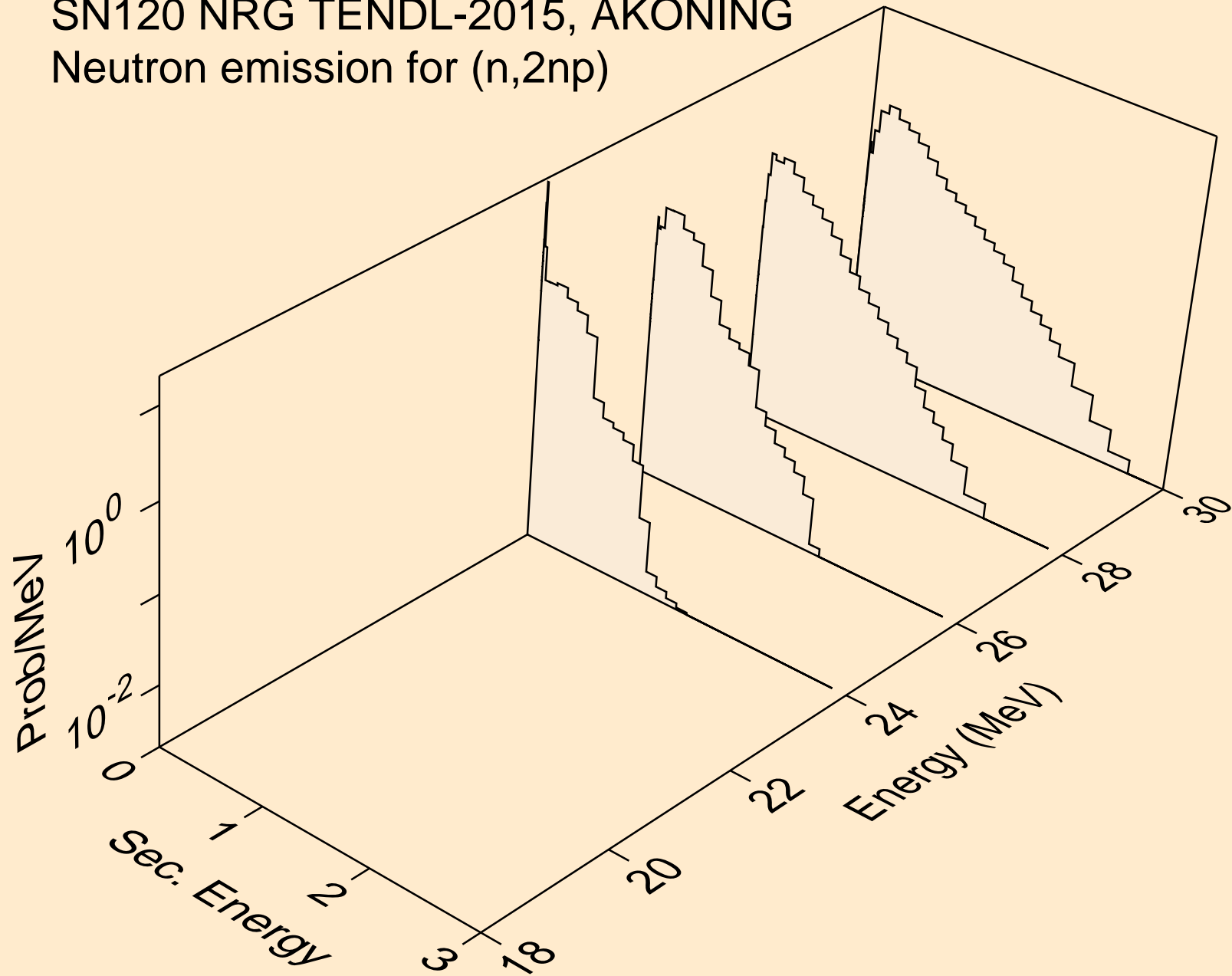


SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)

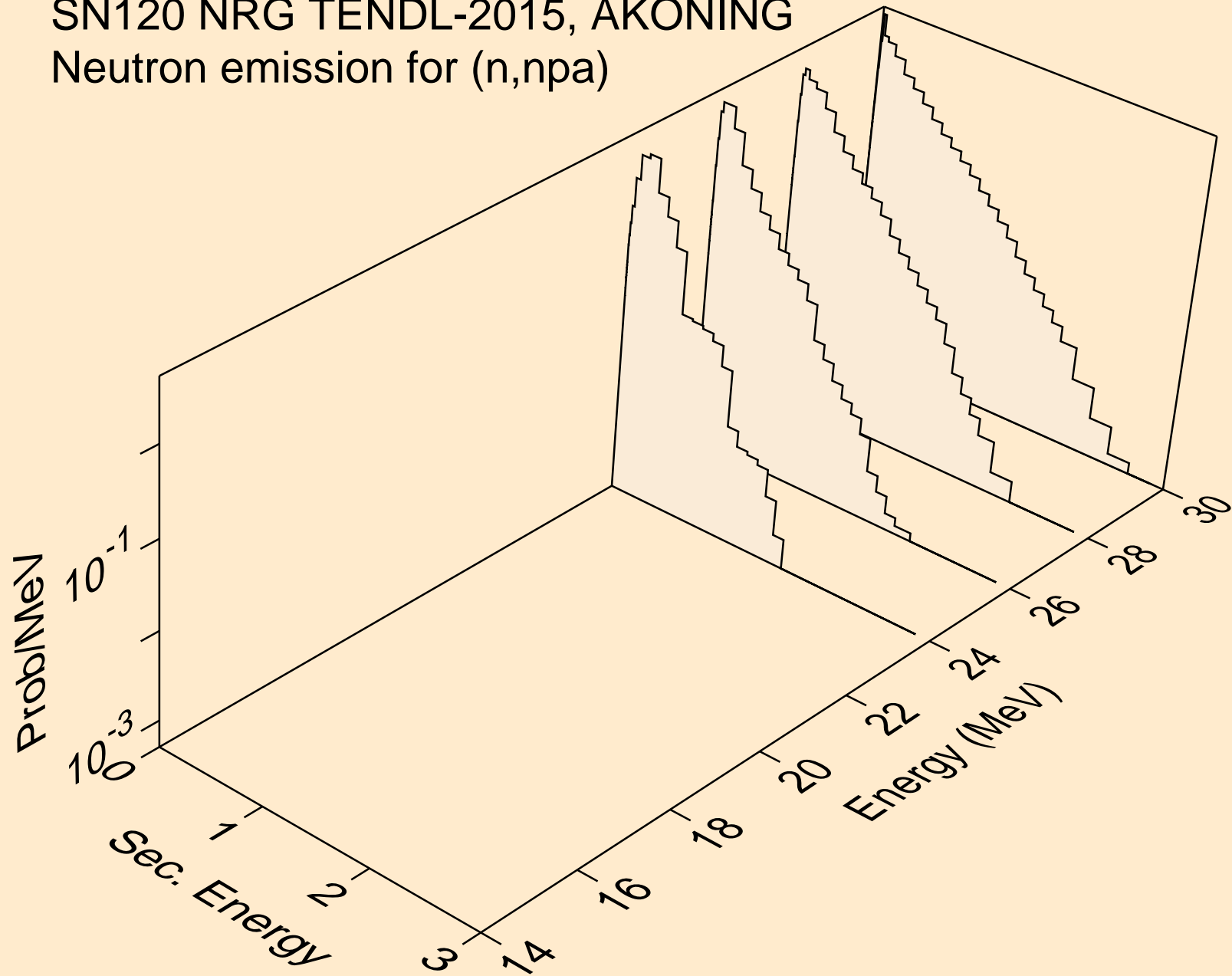




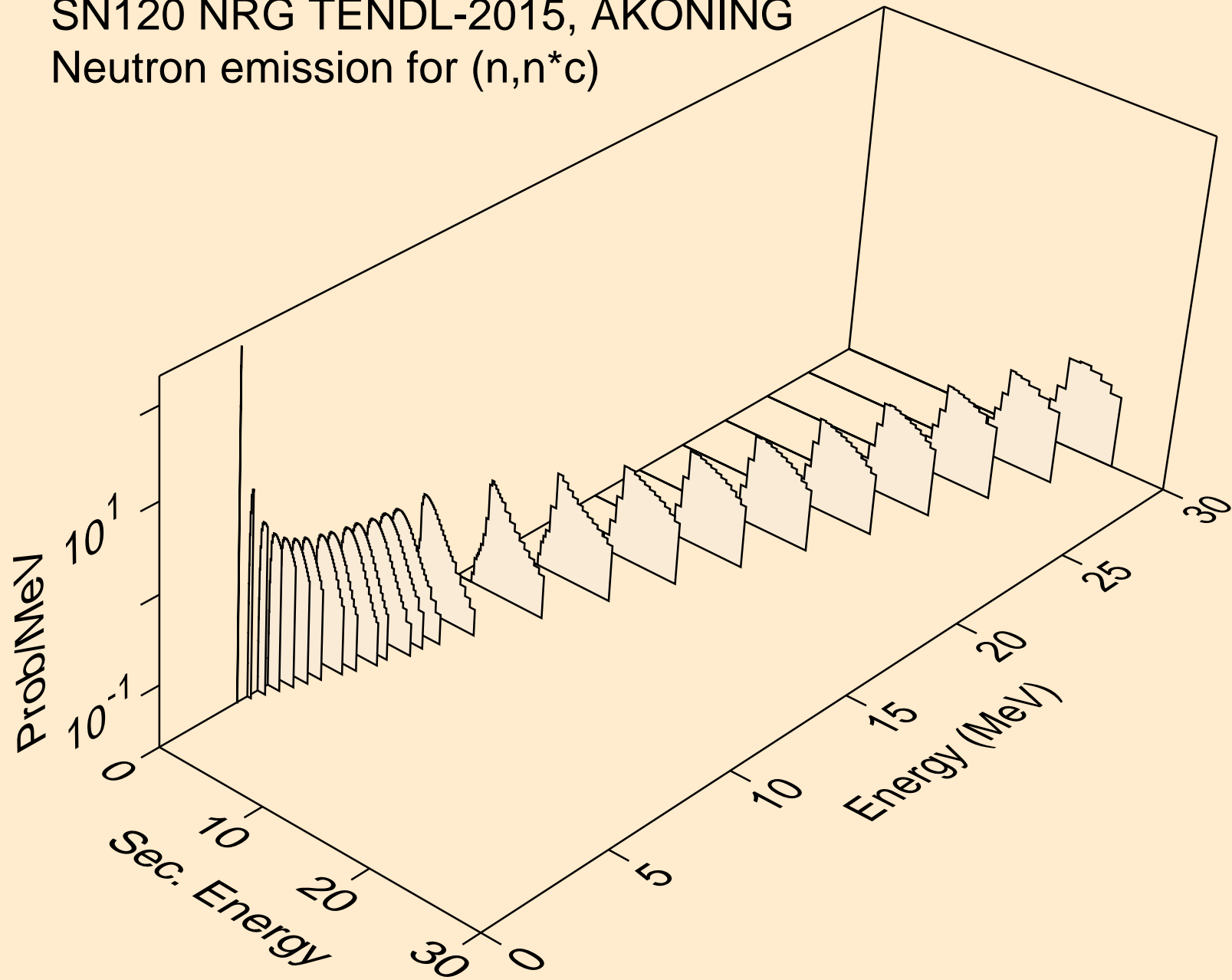
SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



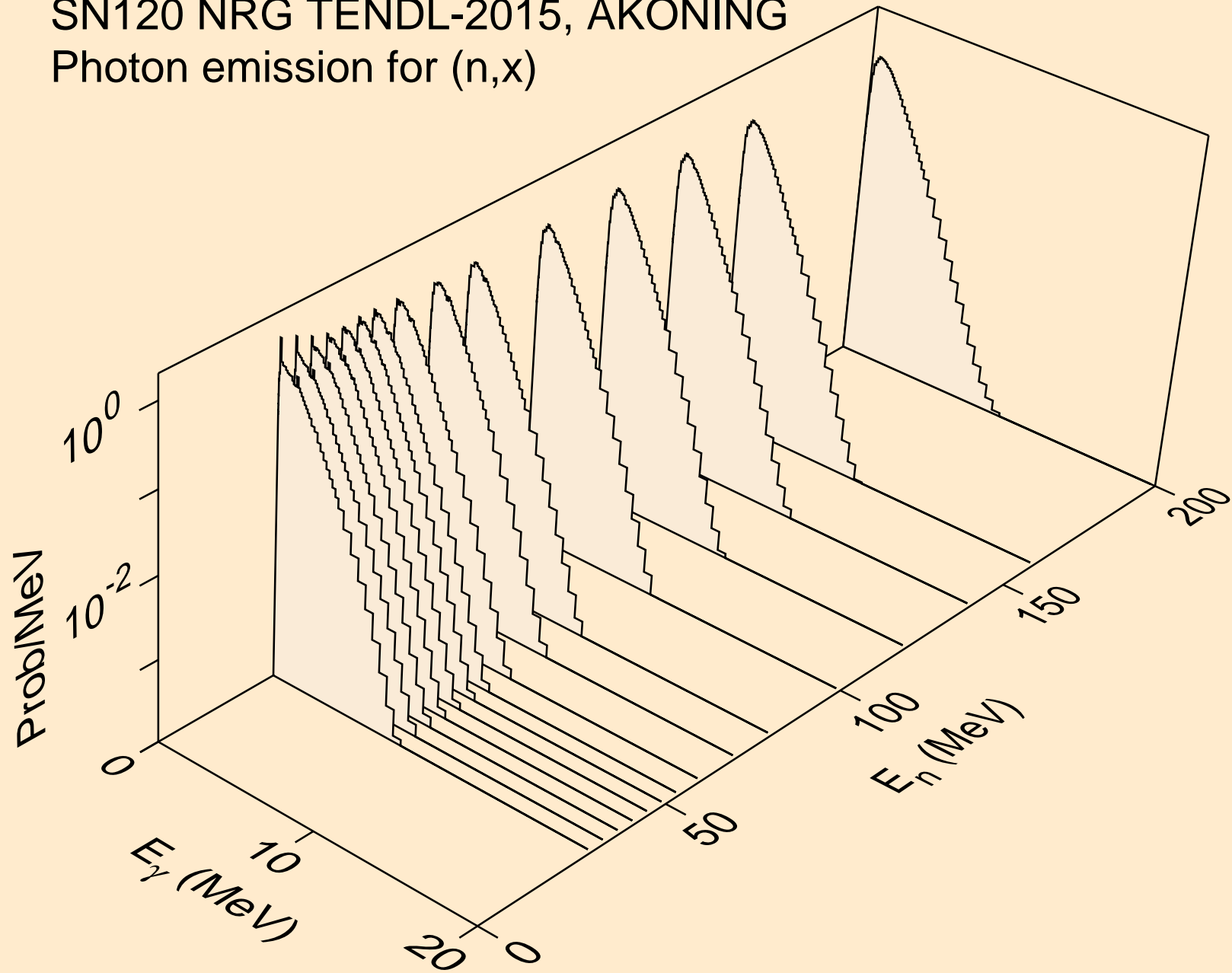
SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



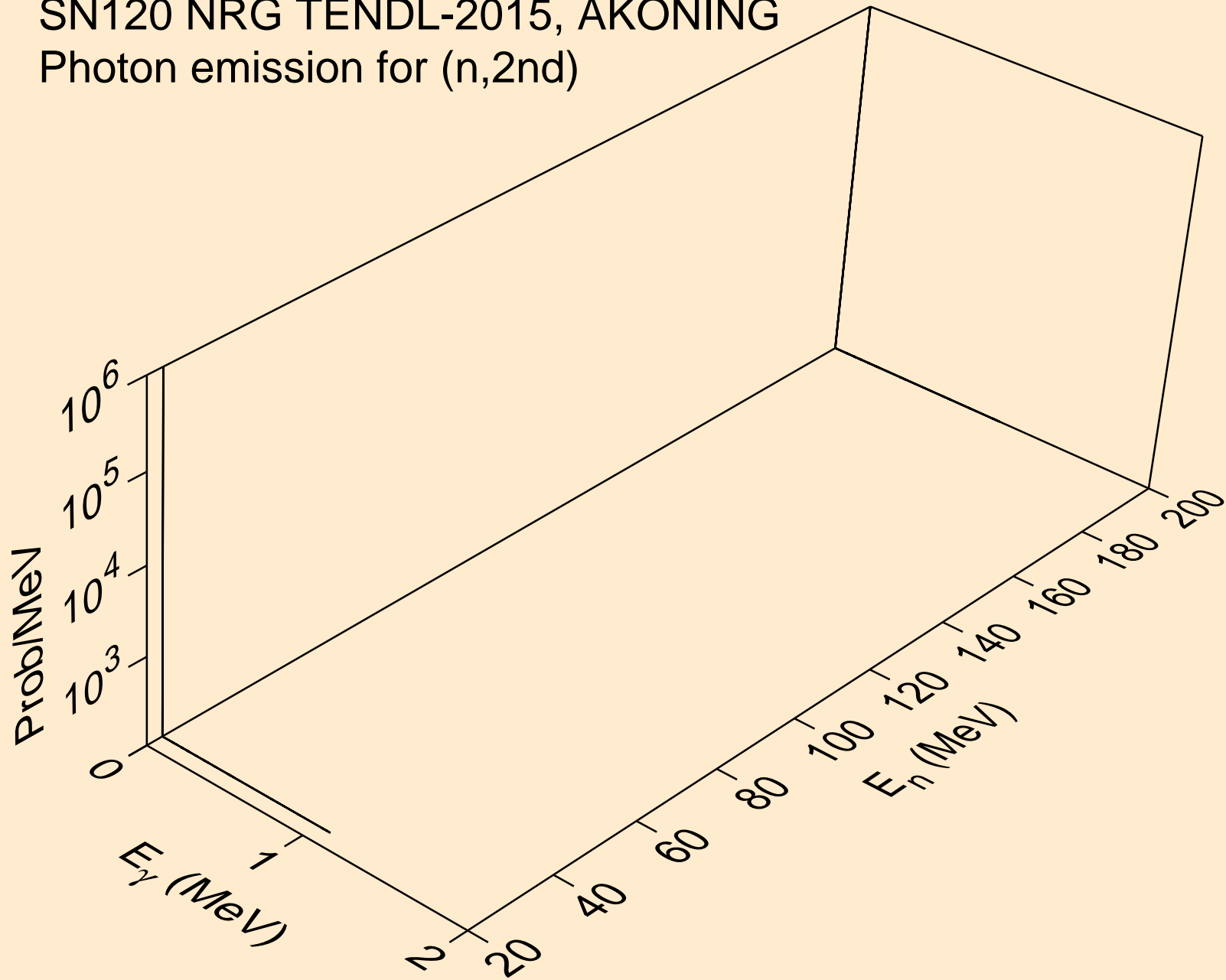
SN120 NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)



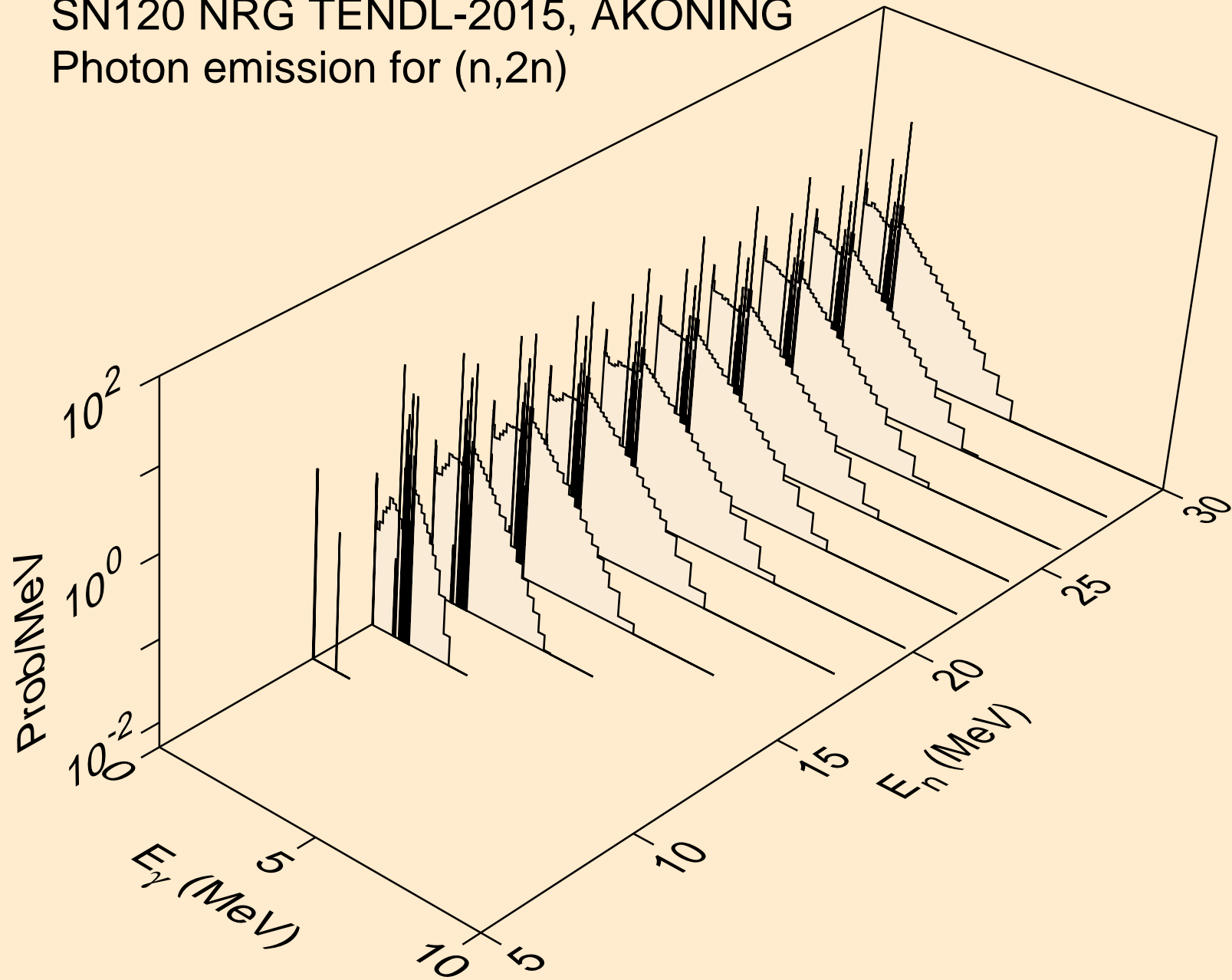
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,x)



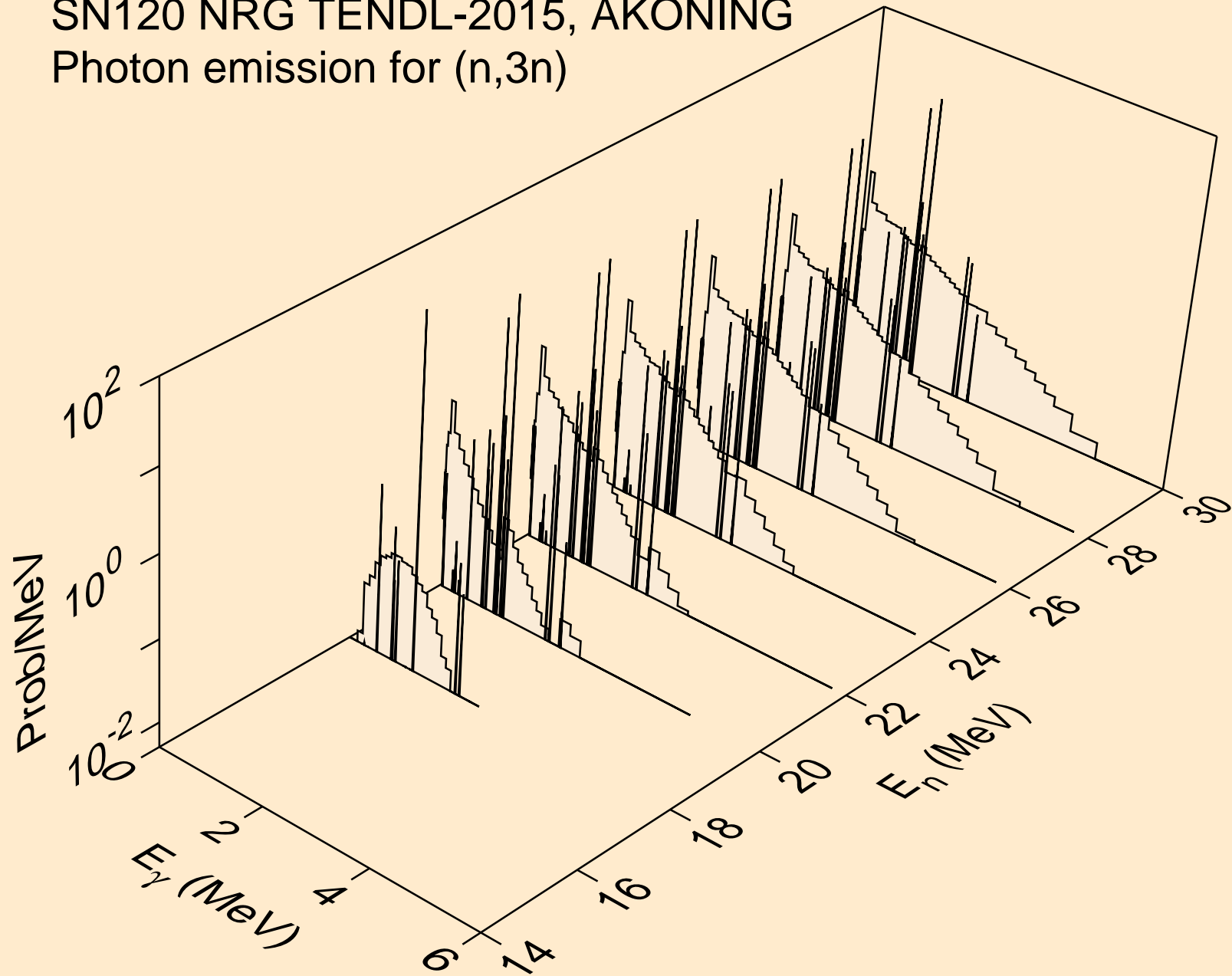
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



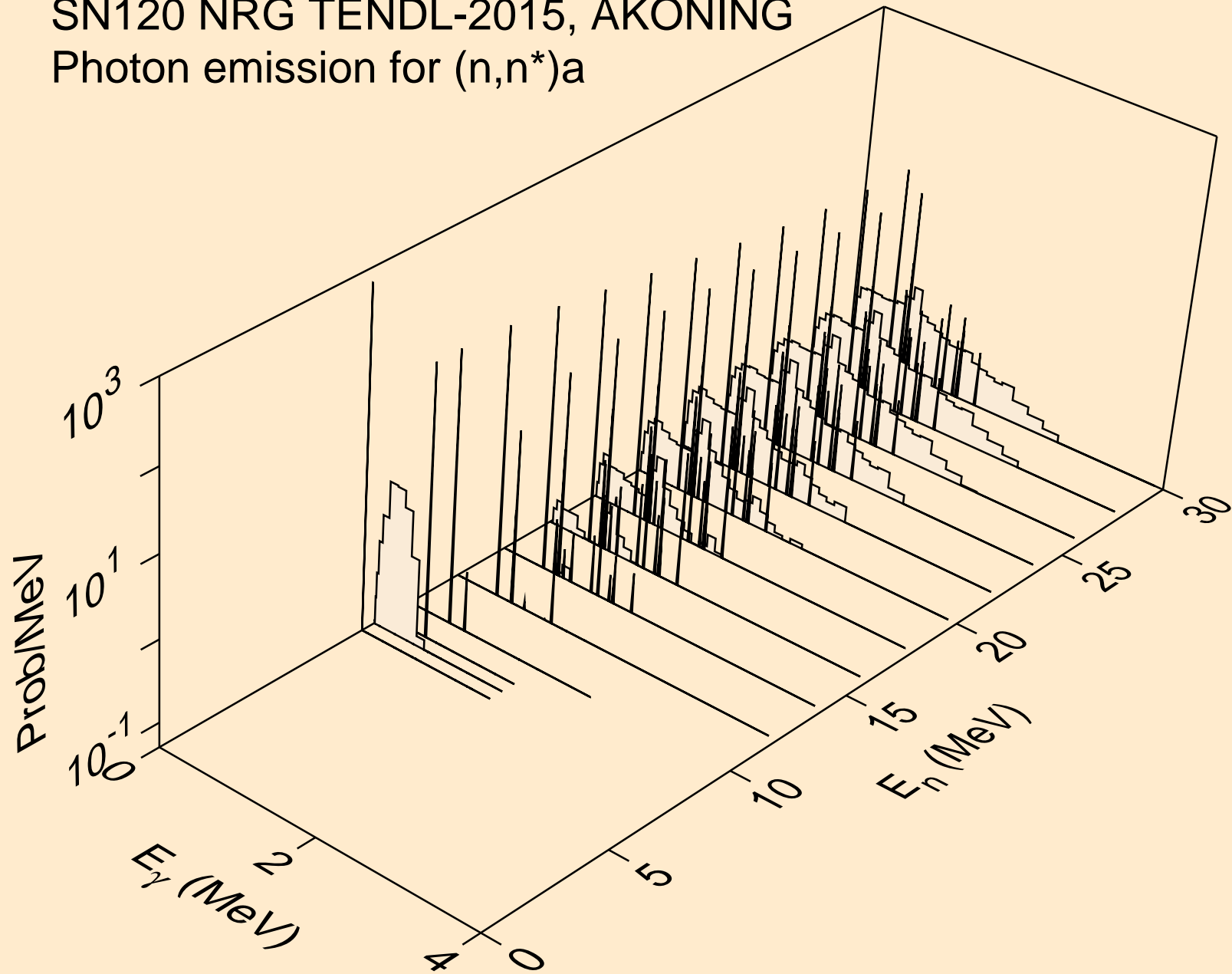
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)

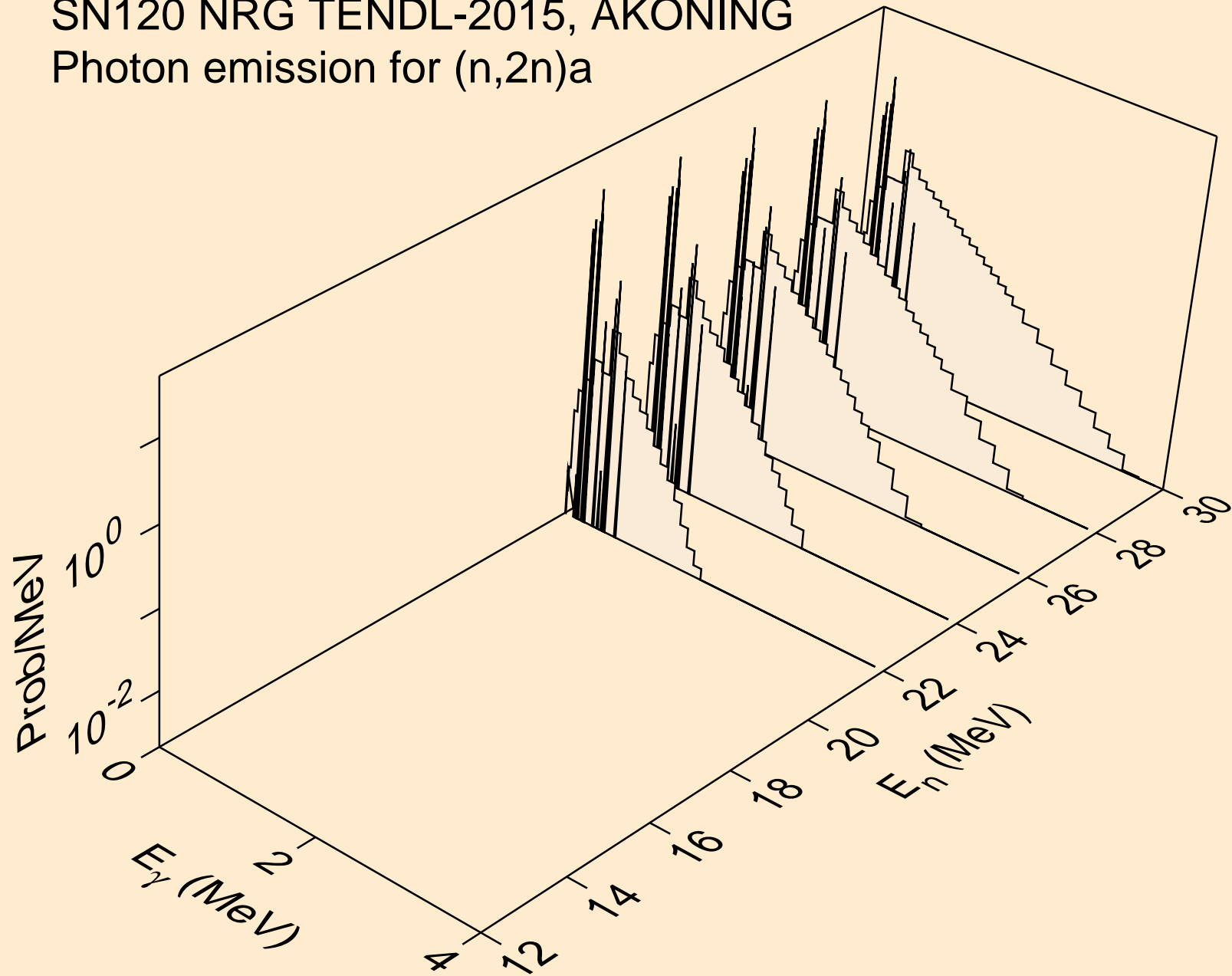


SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a

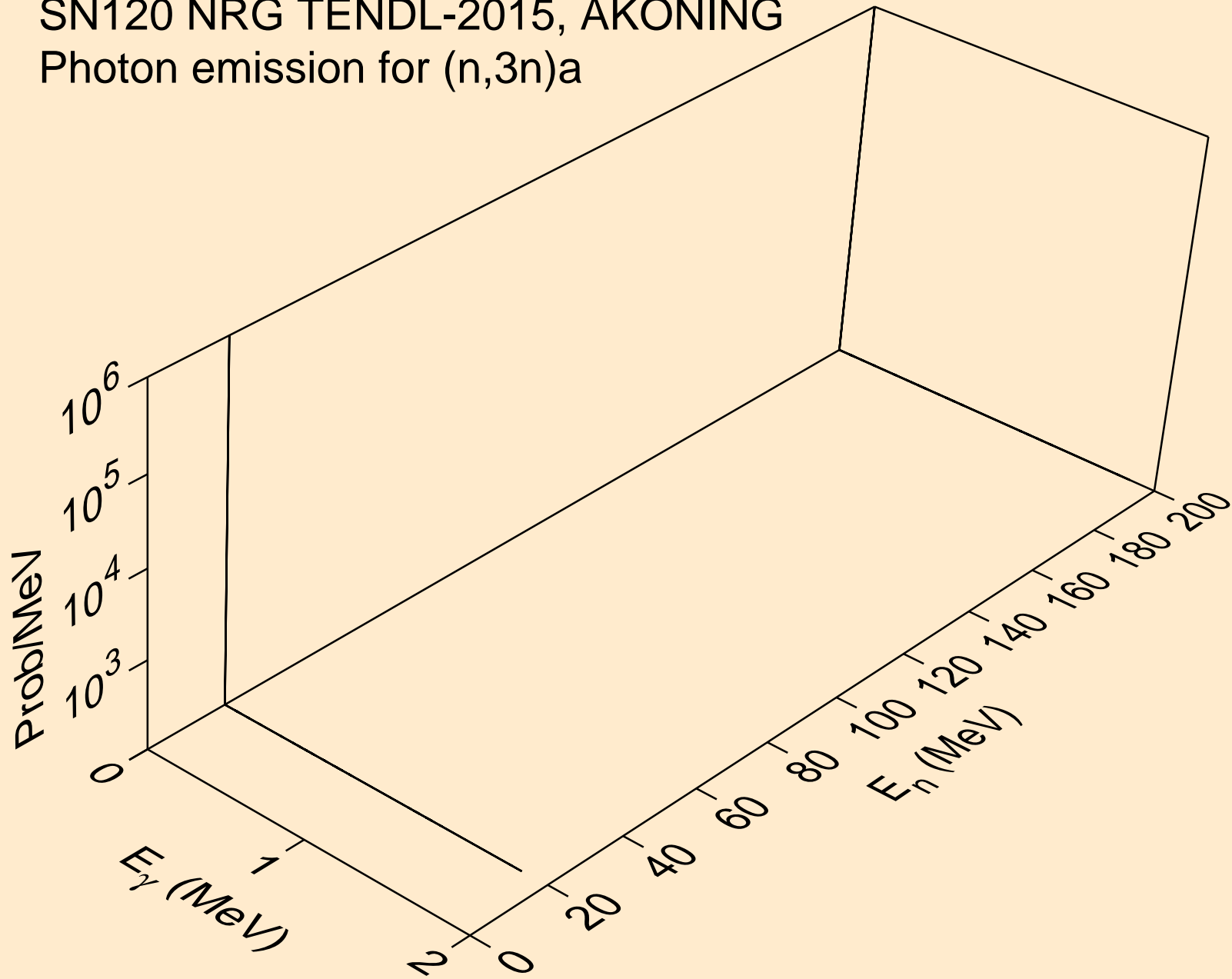




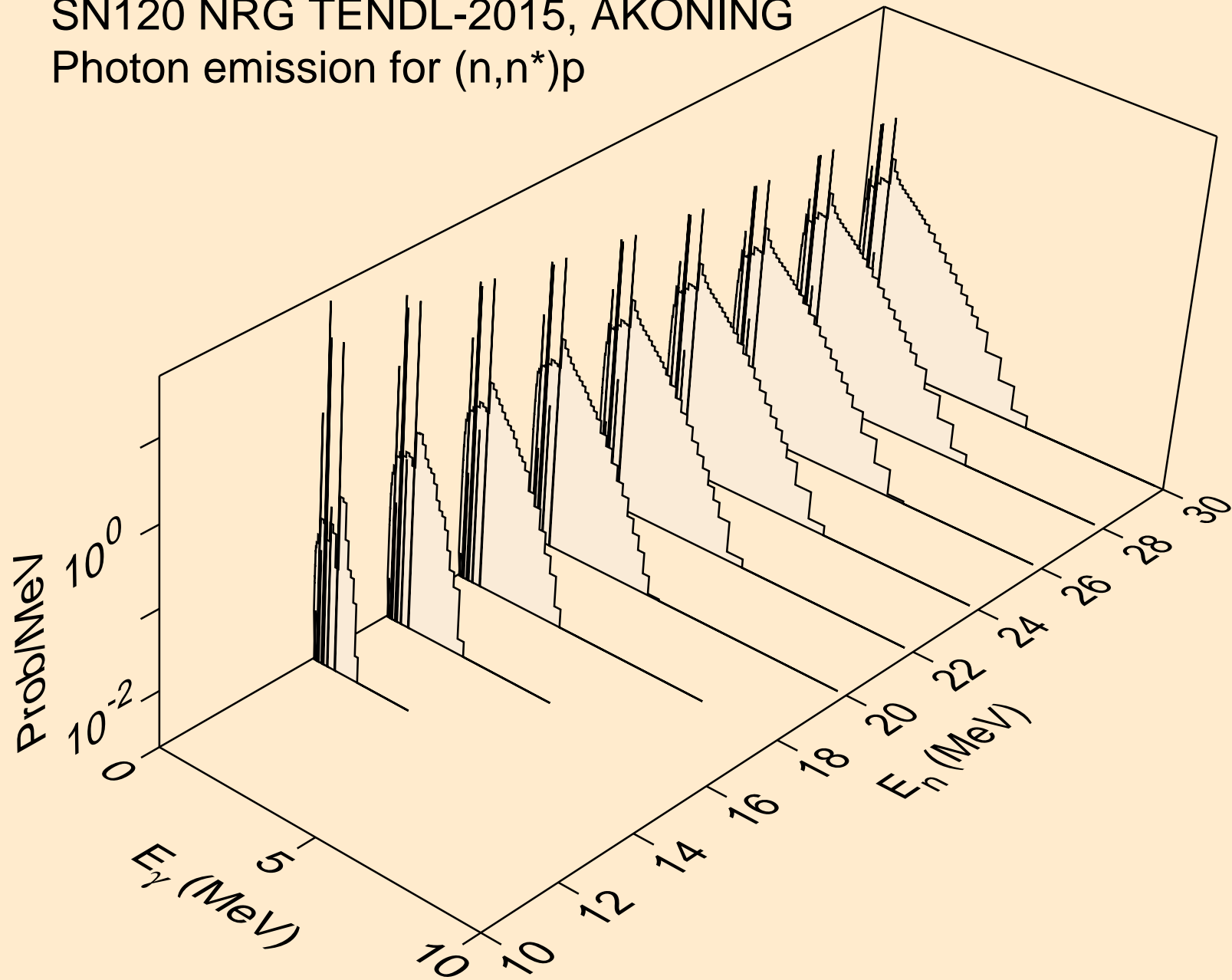
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a

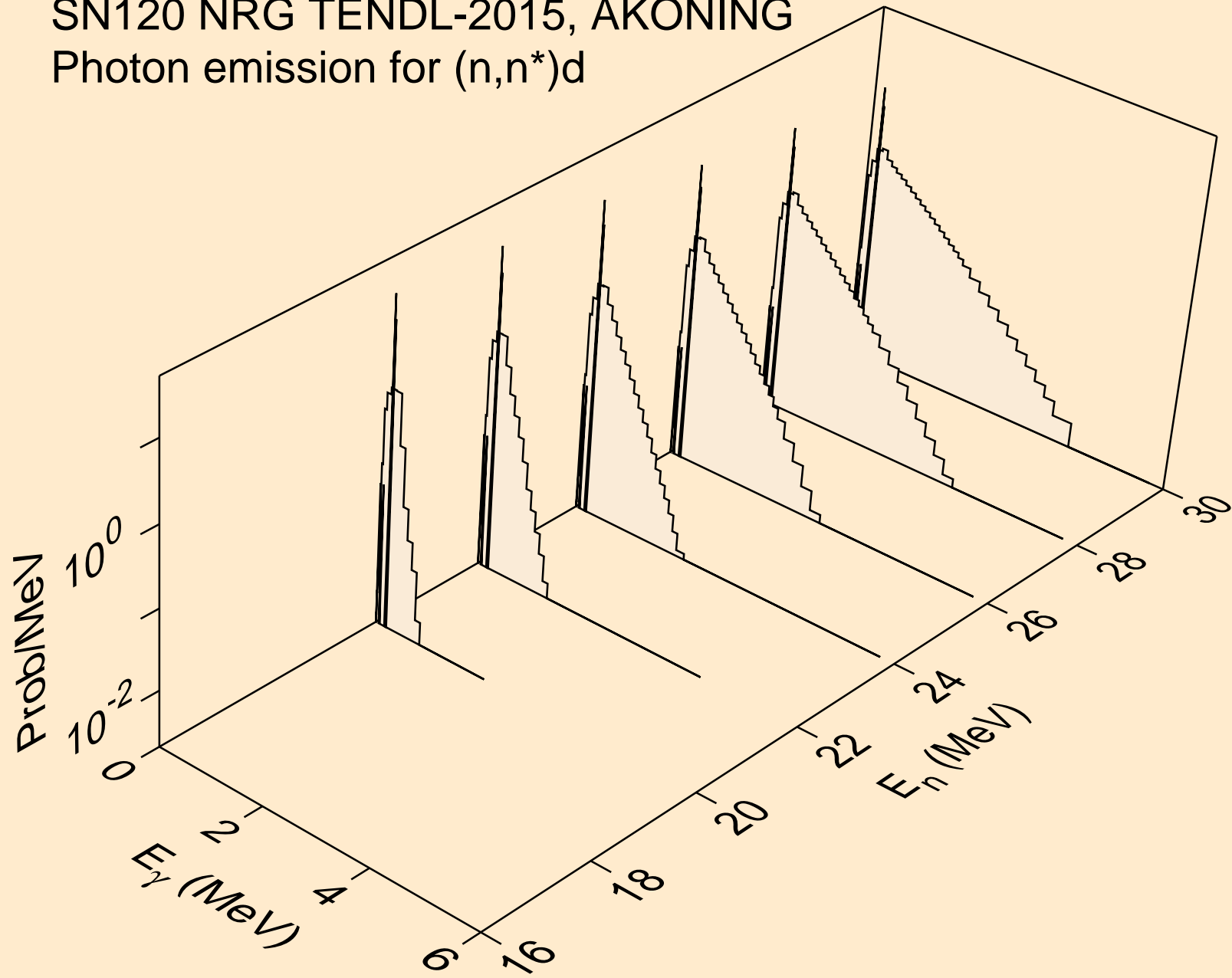


SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

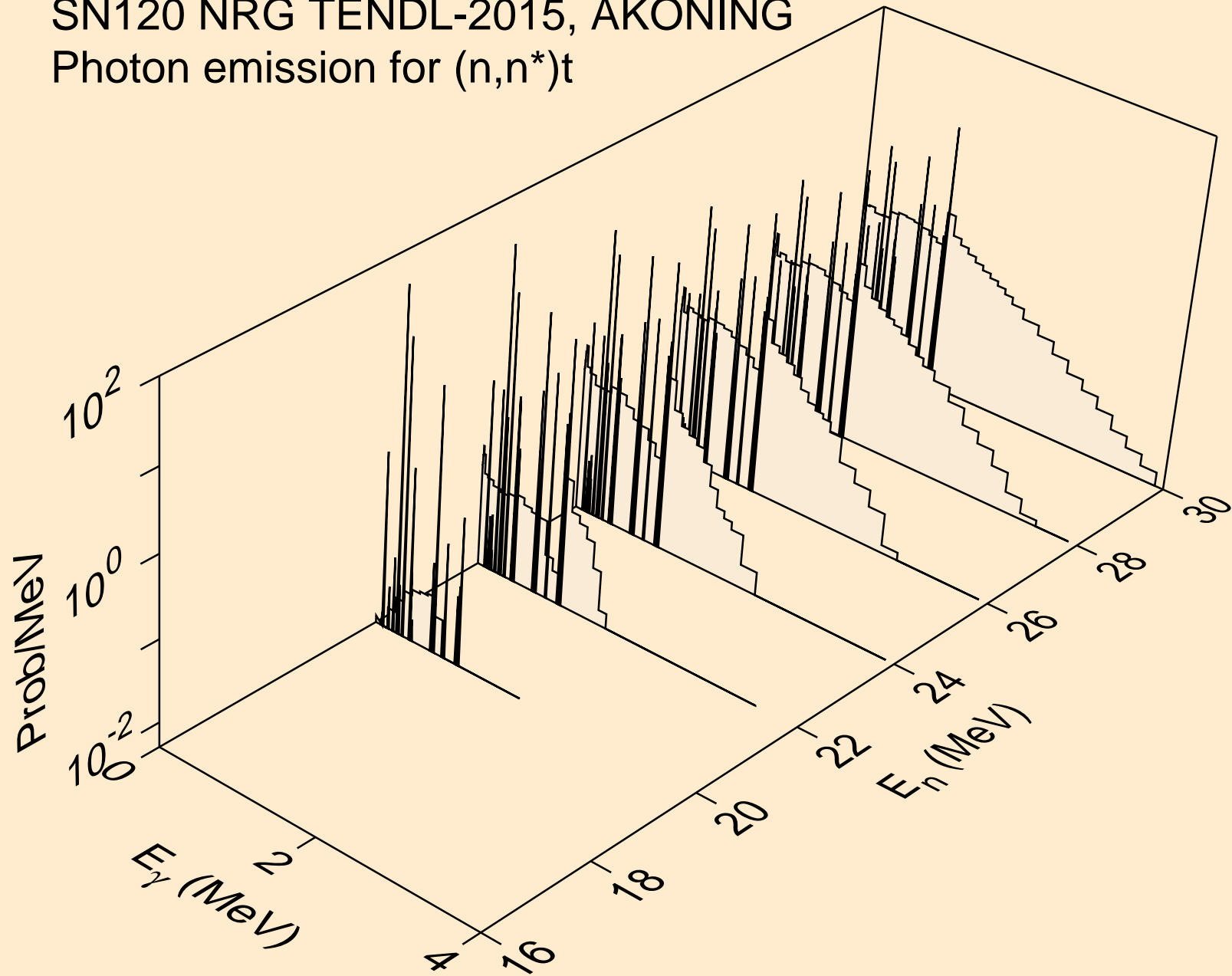


# SN120 NRG TENDL-2015, AKONING

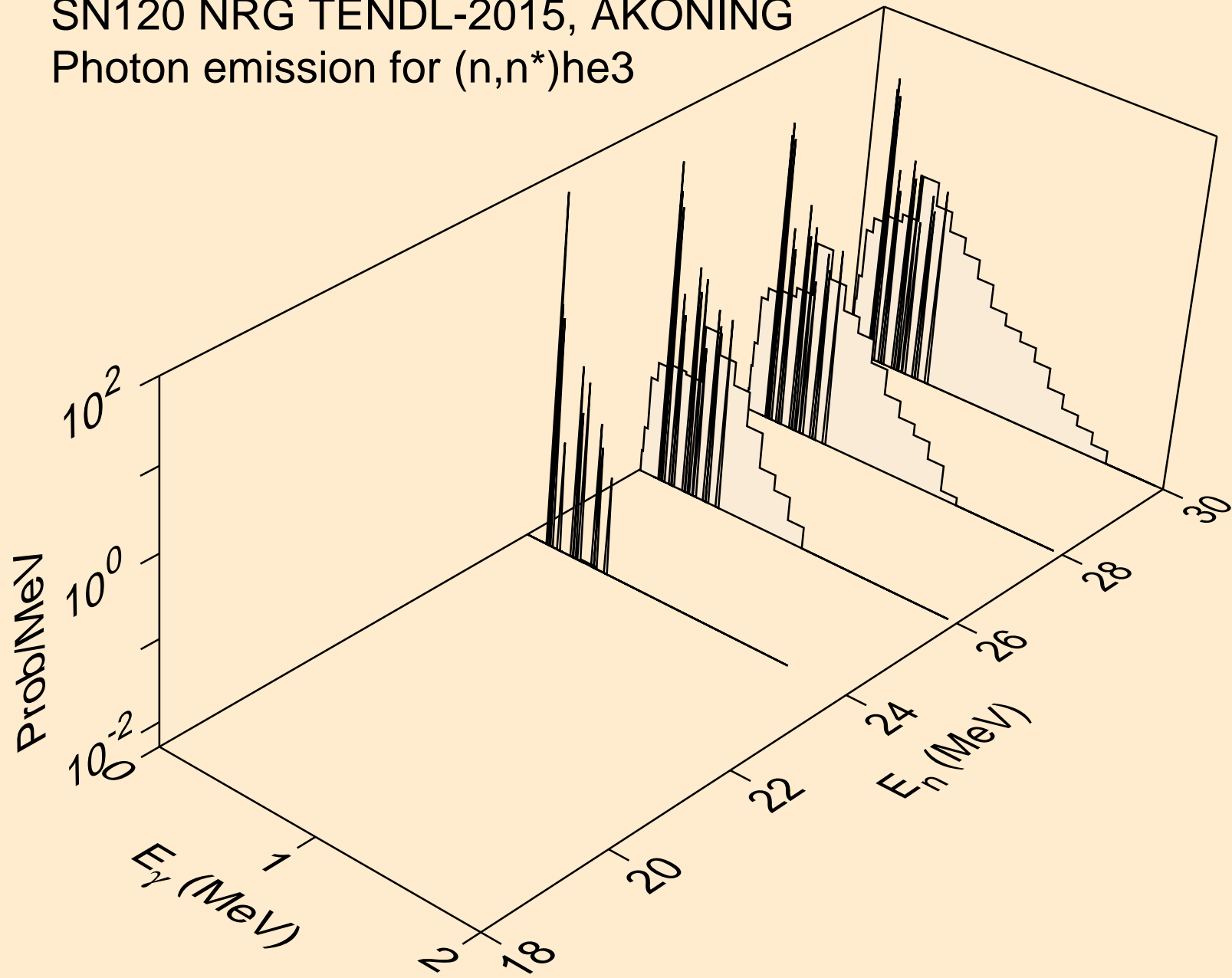
Photon emission for (n,n\*)d



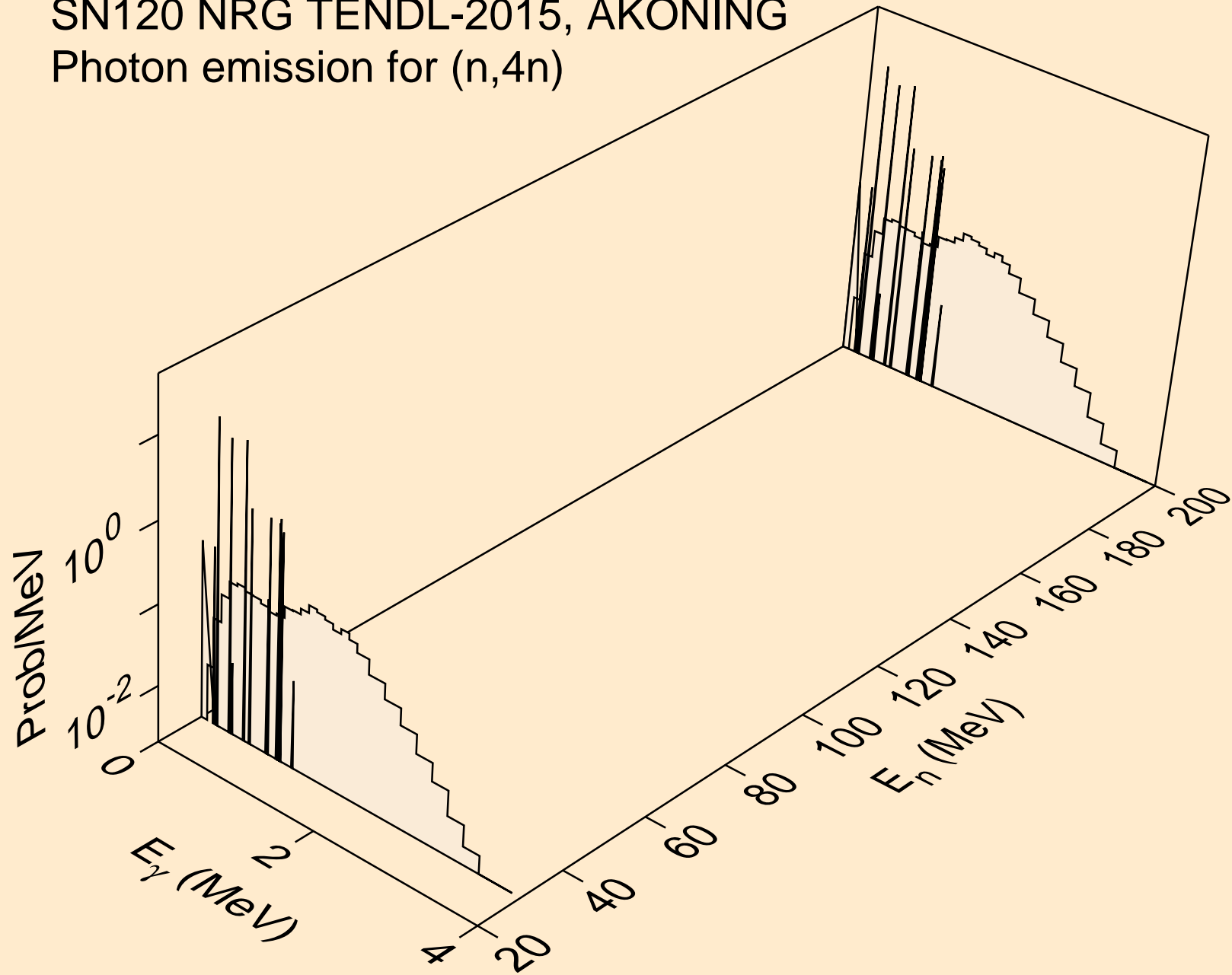
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



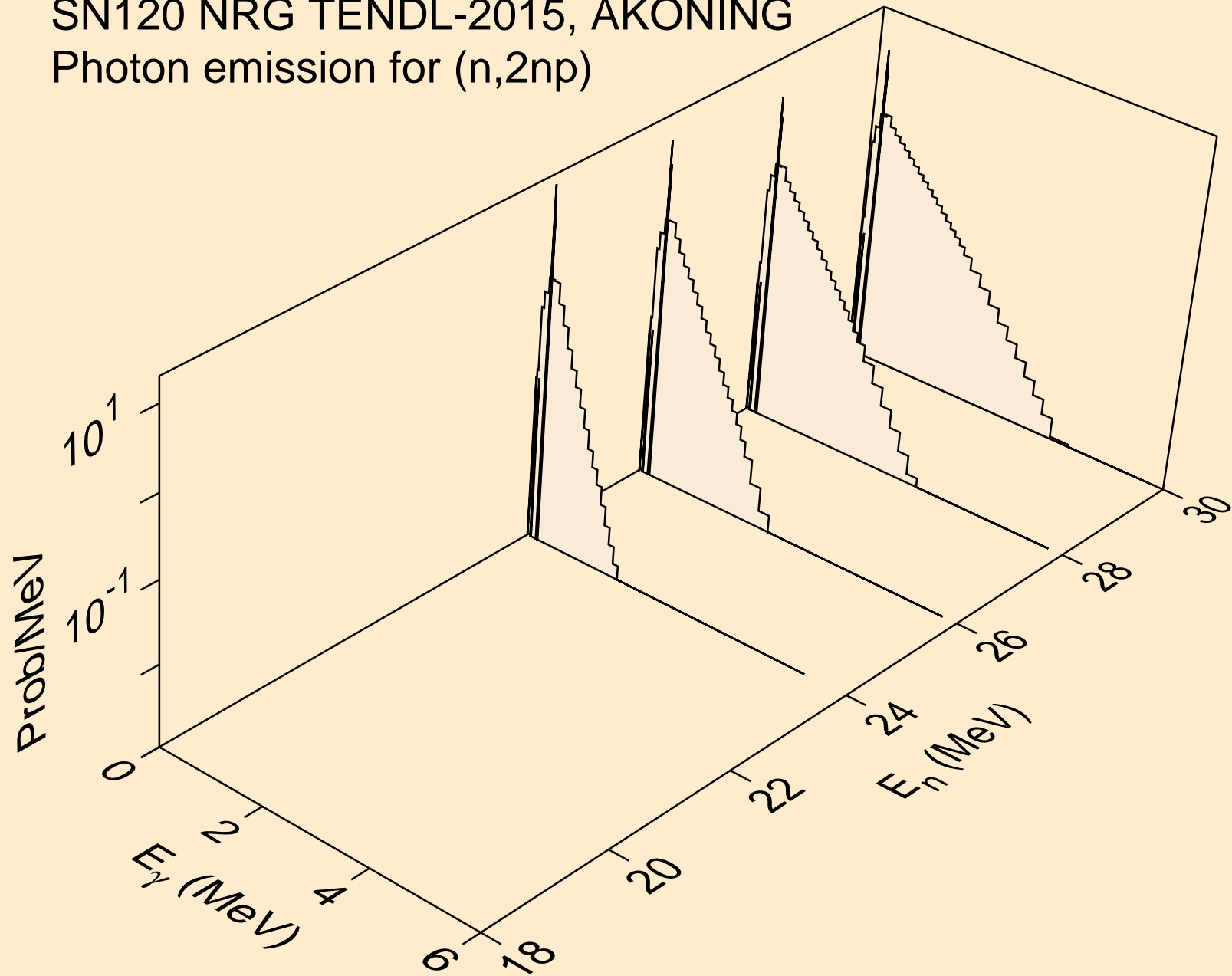
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,4n)

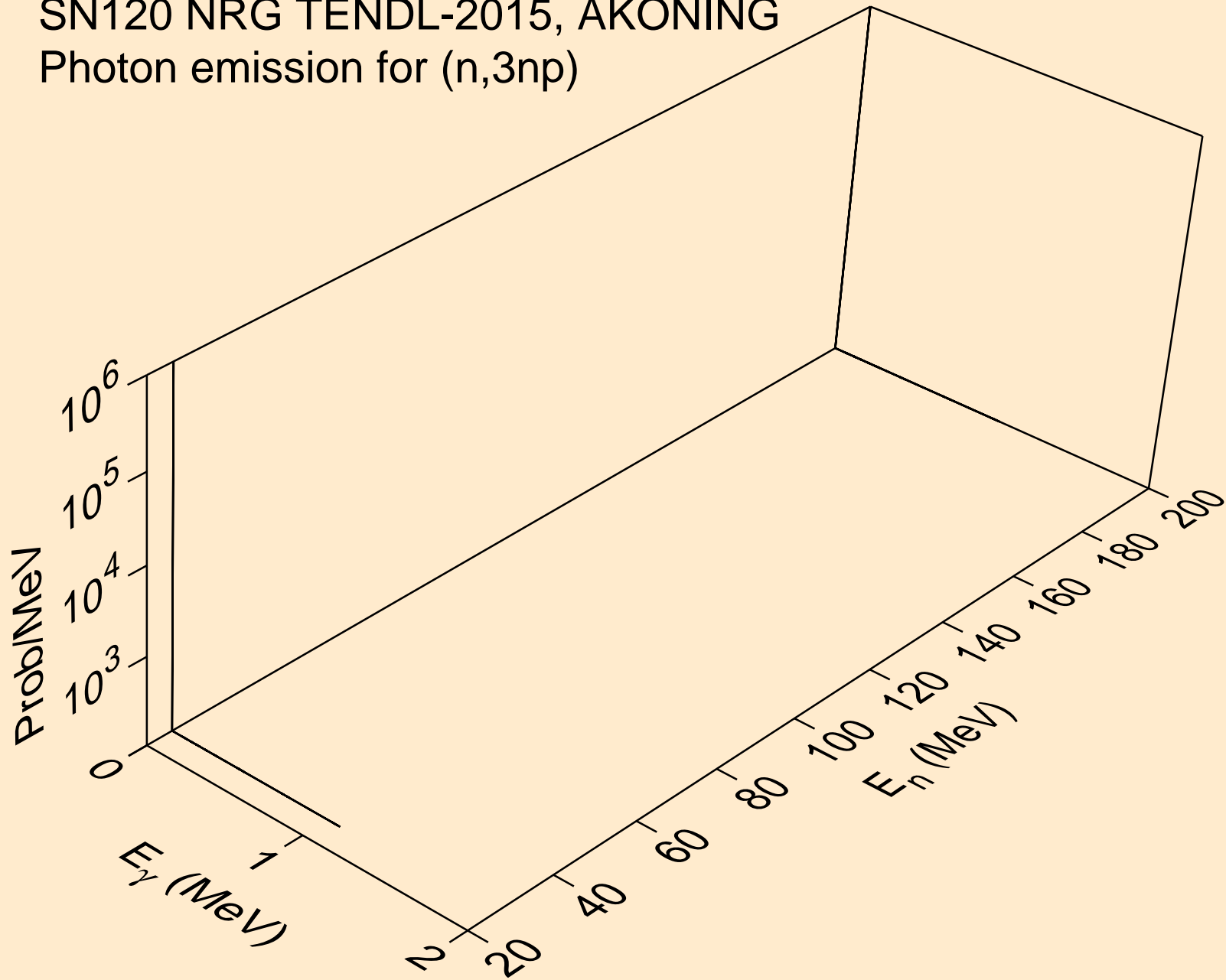


SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)

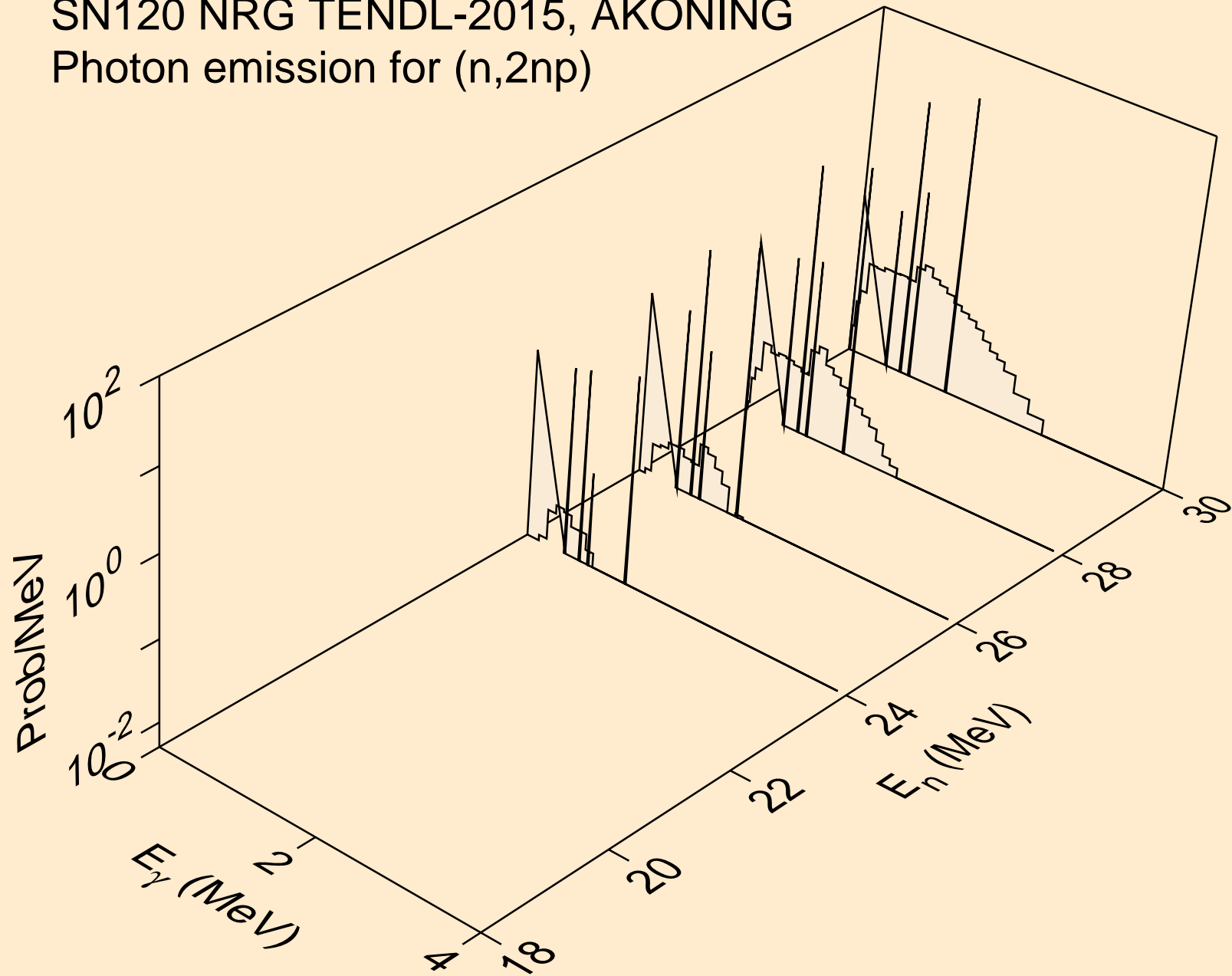




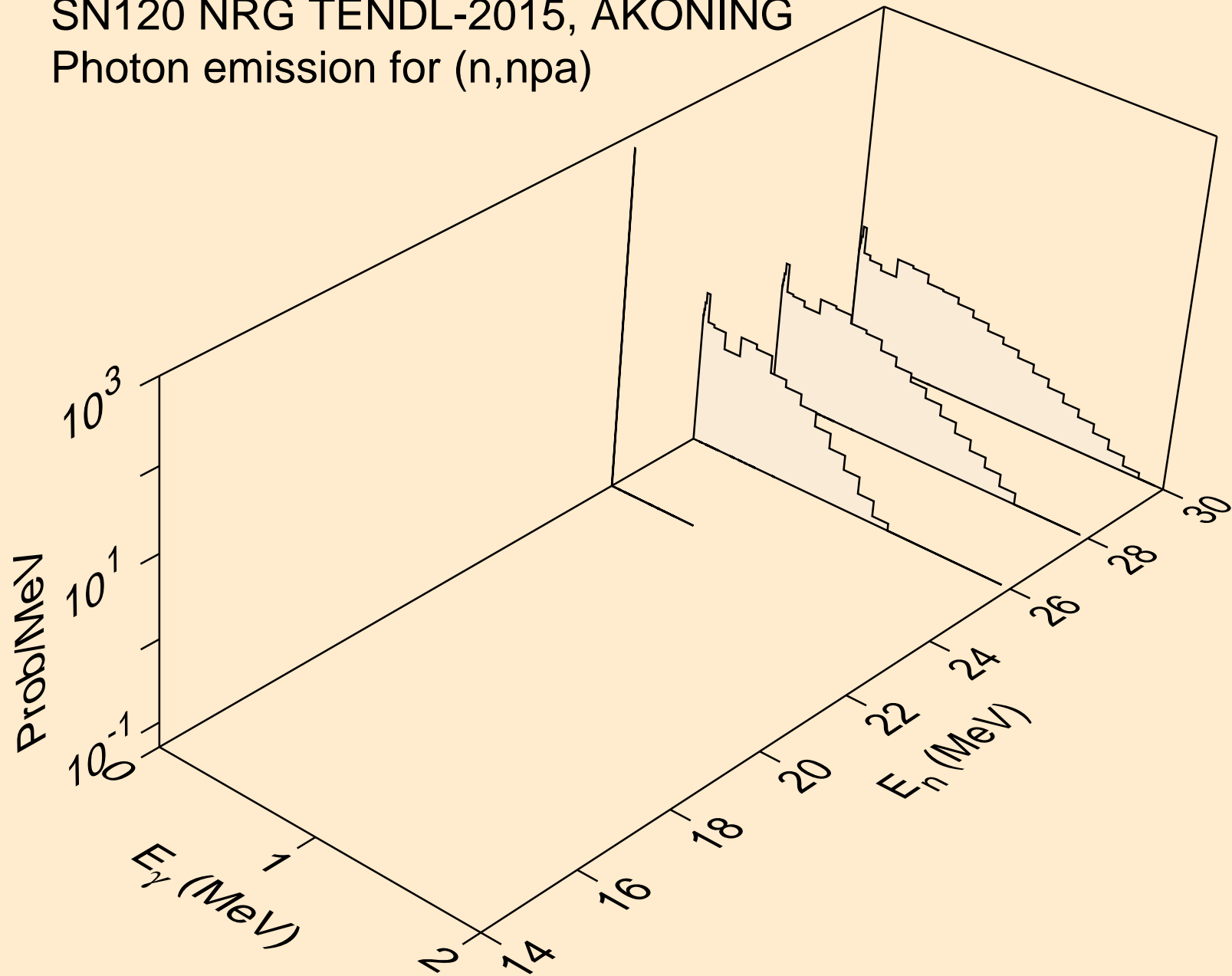
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



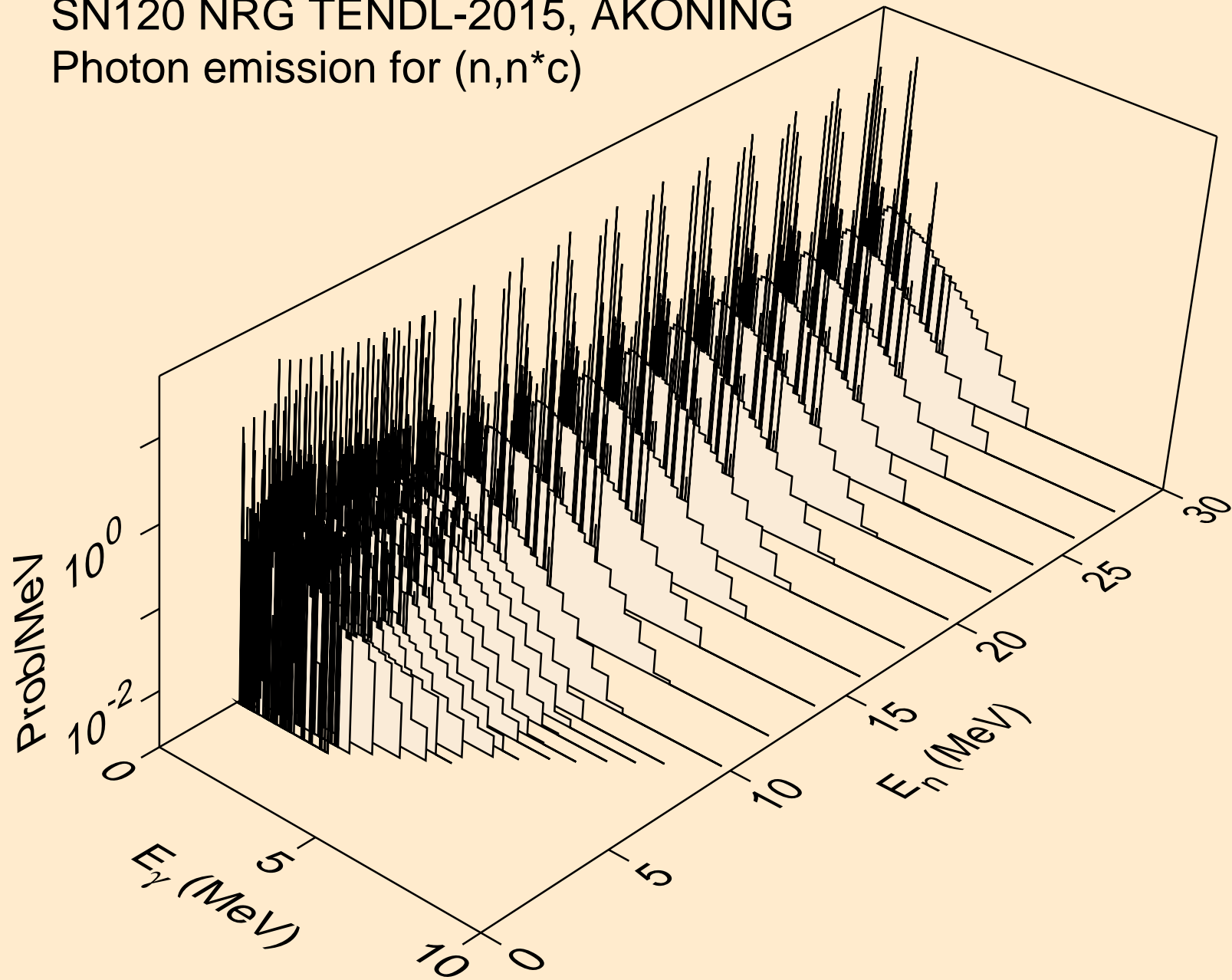
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



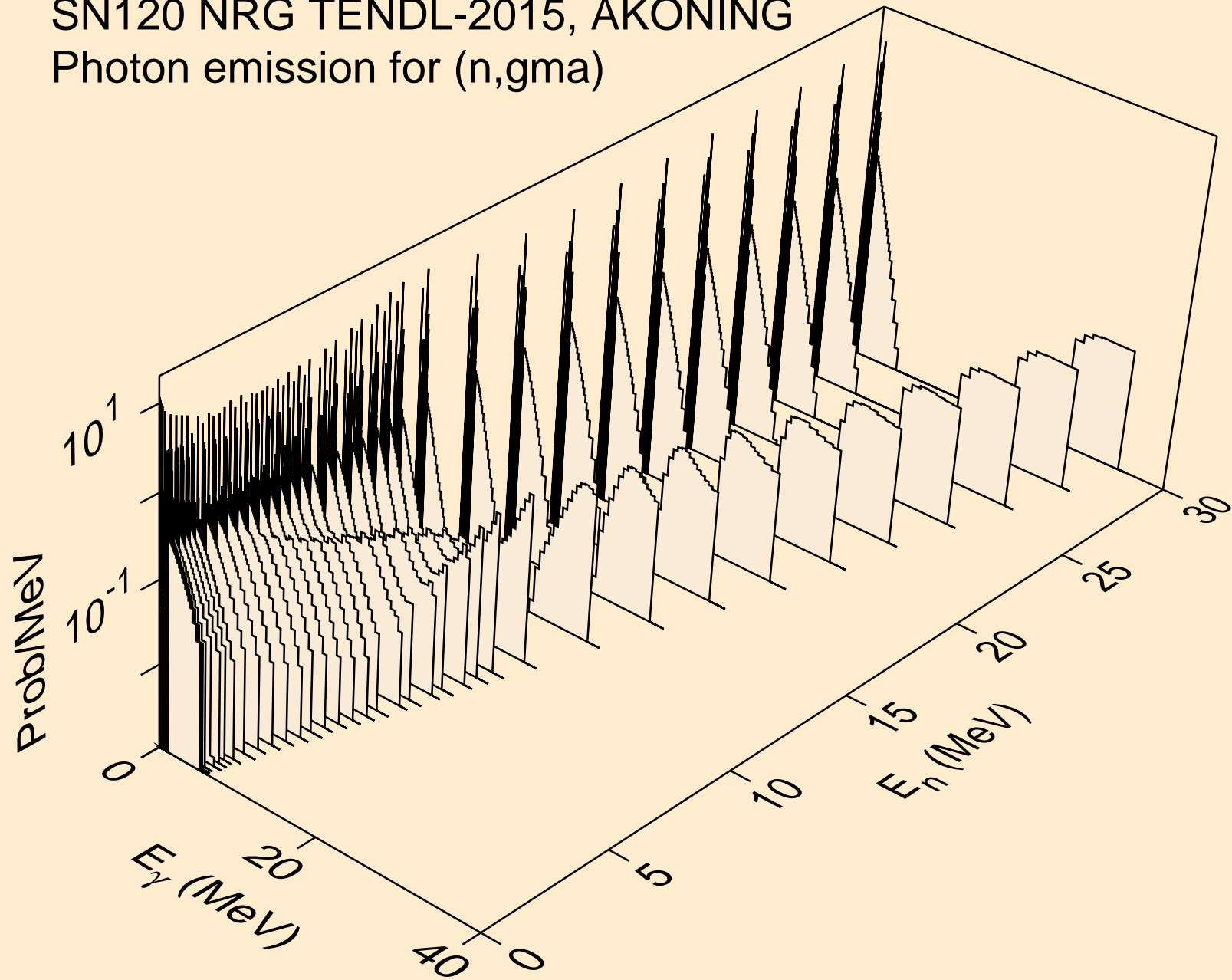
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,npa)



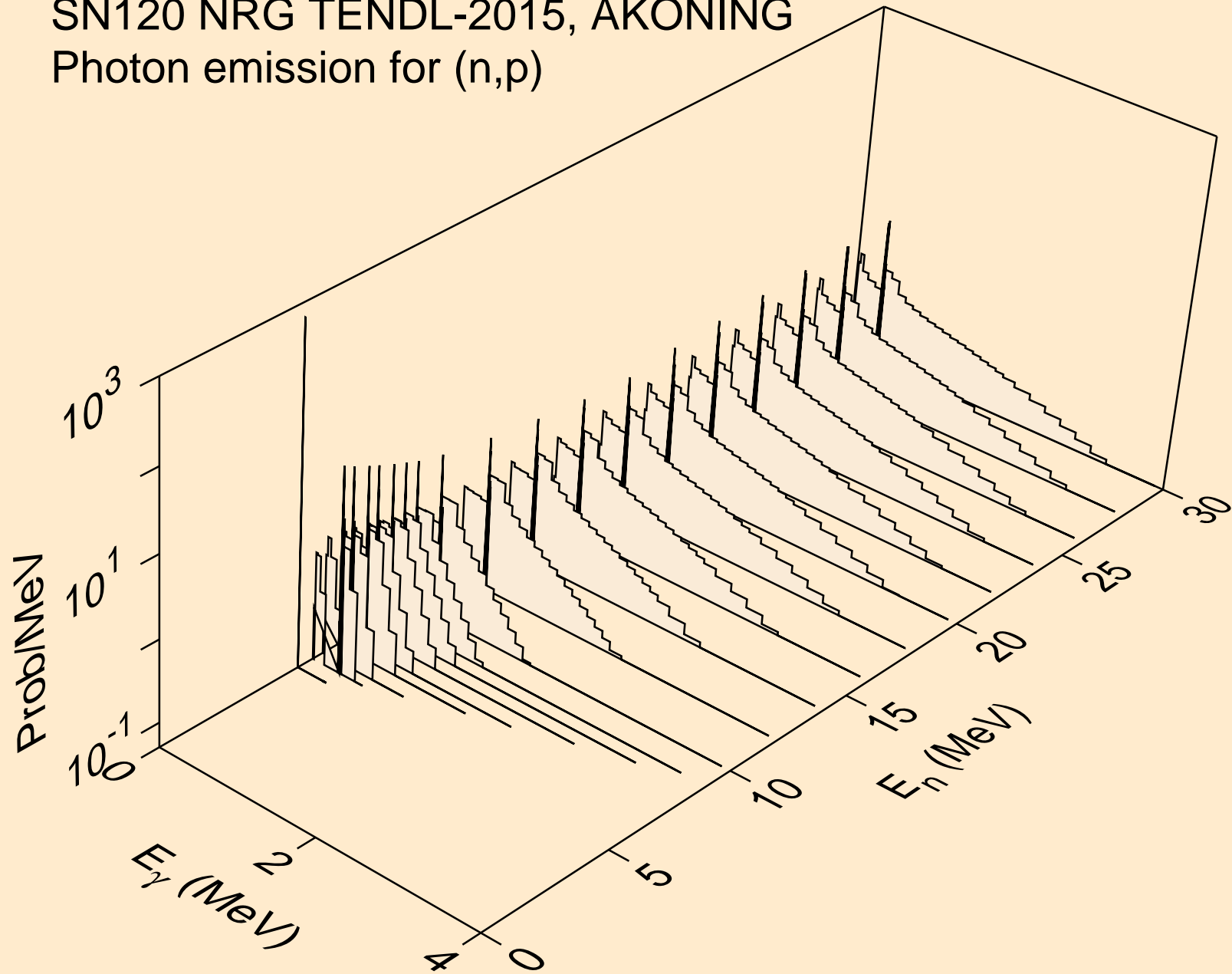
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



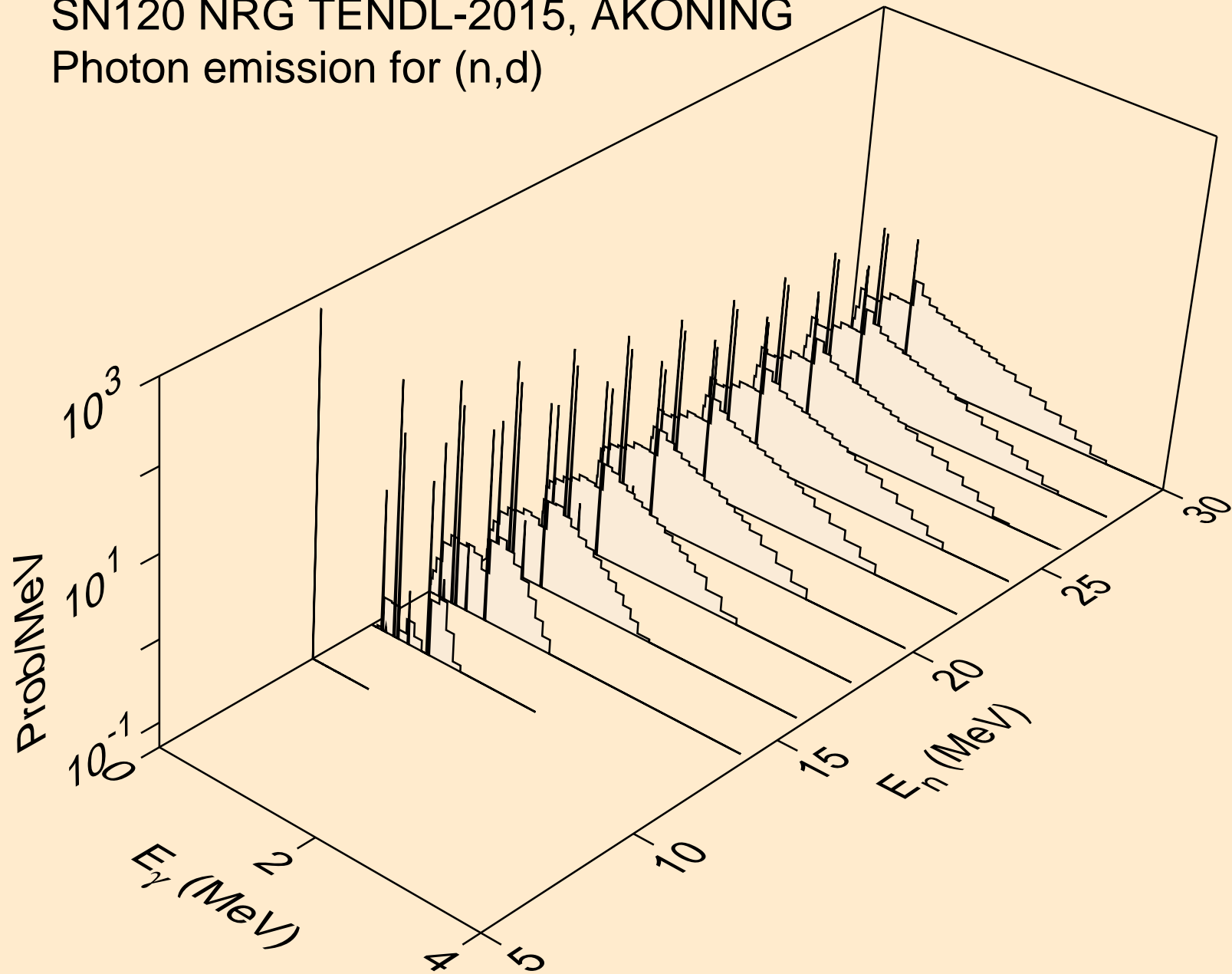
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



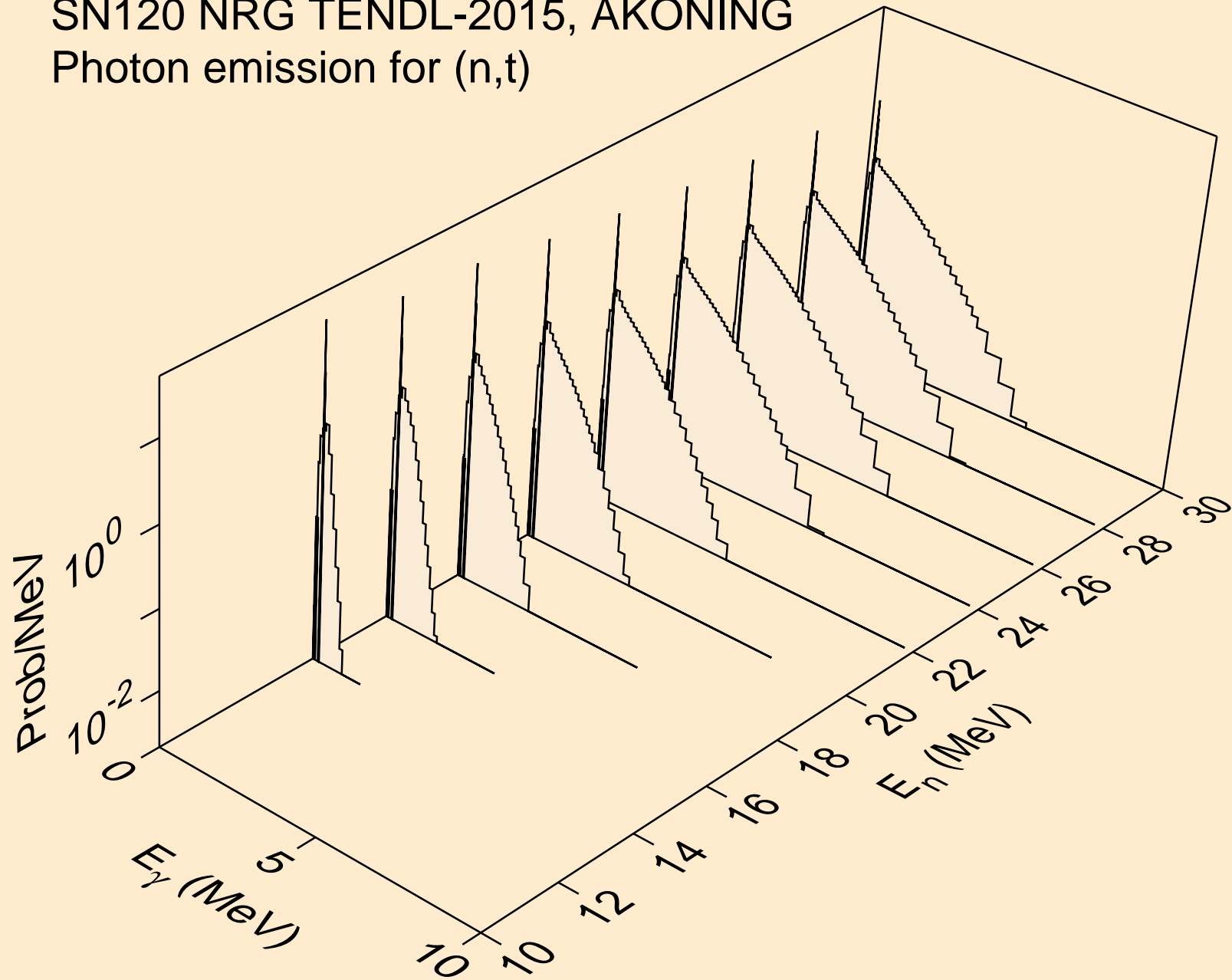
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,p)



SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,d)

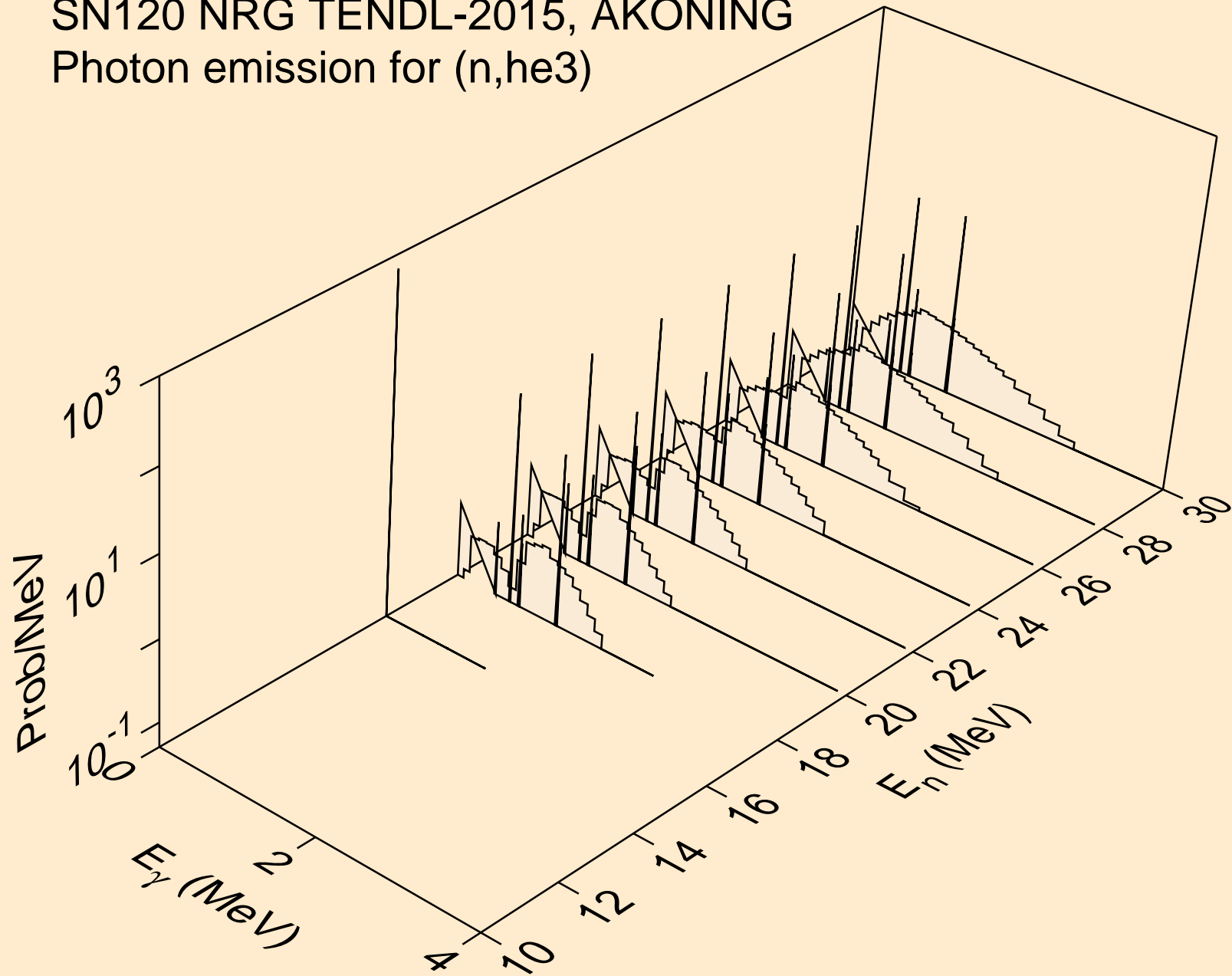


SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,t)

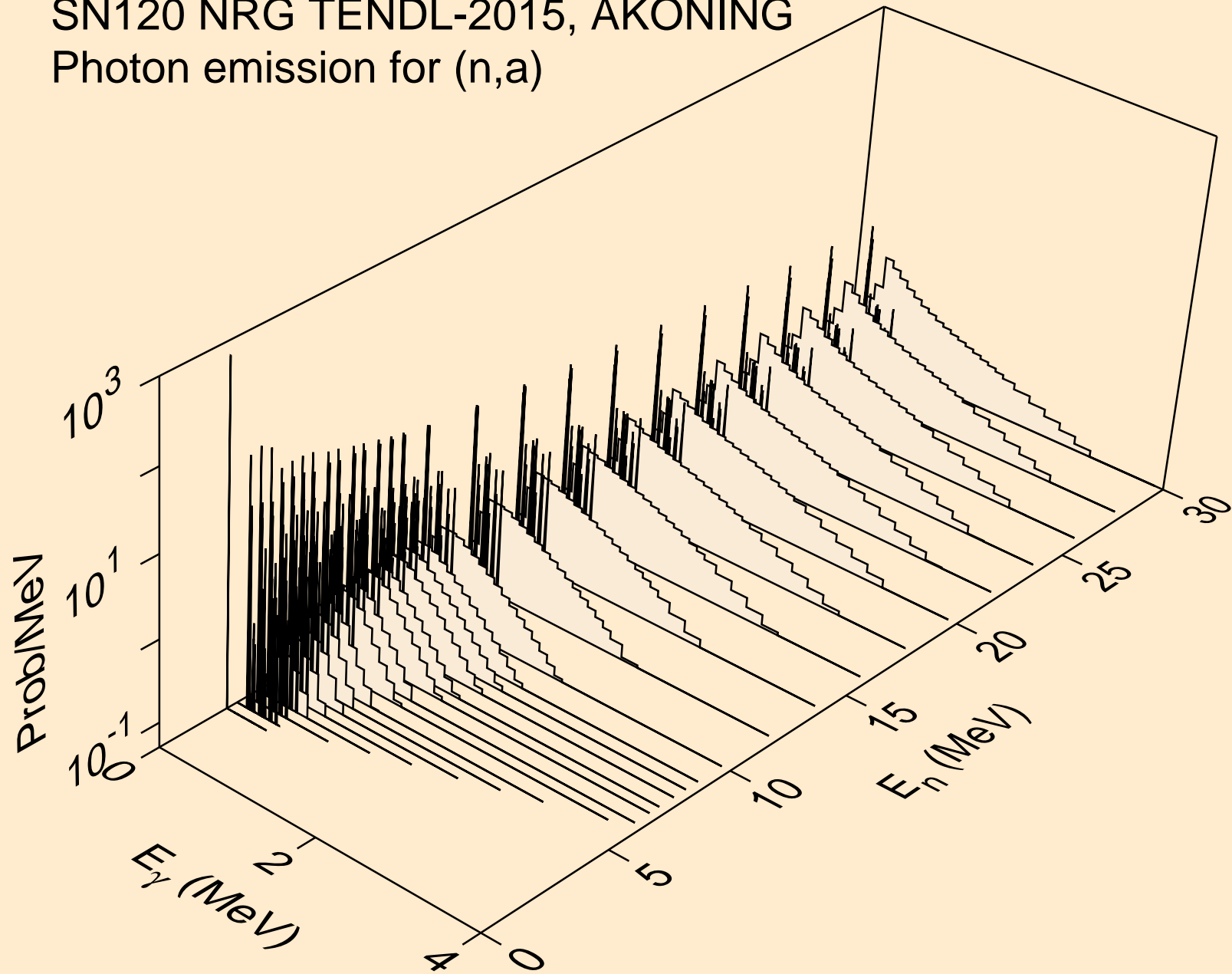




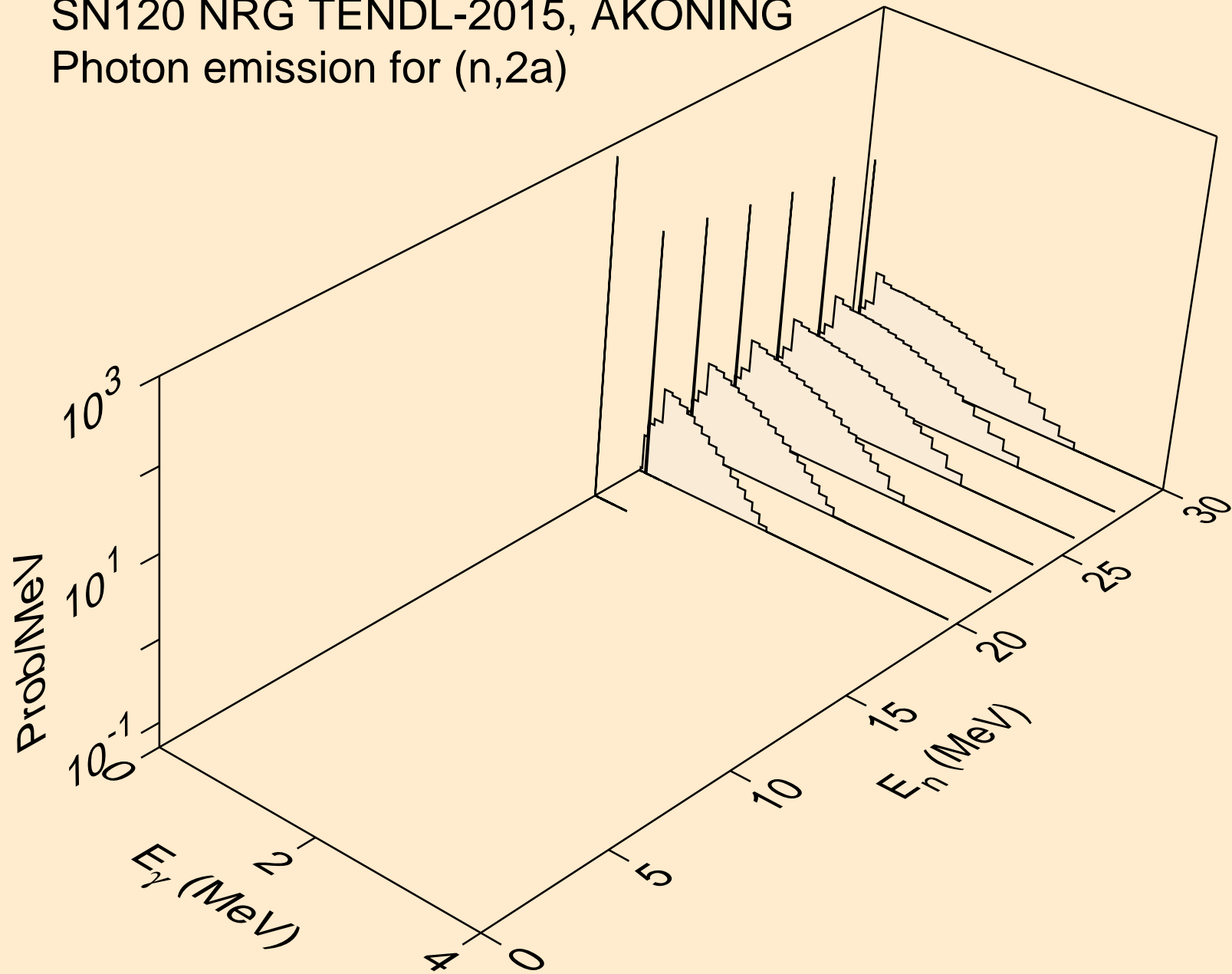
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,he3)



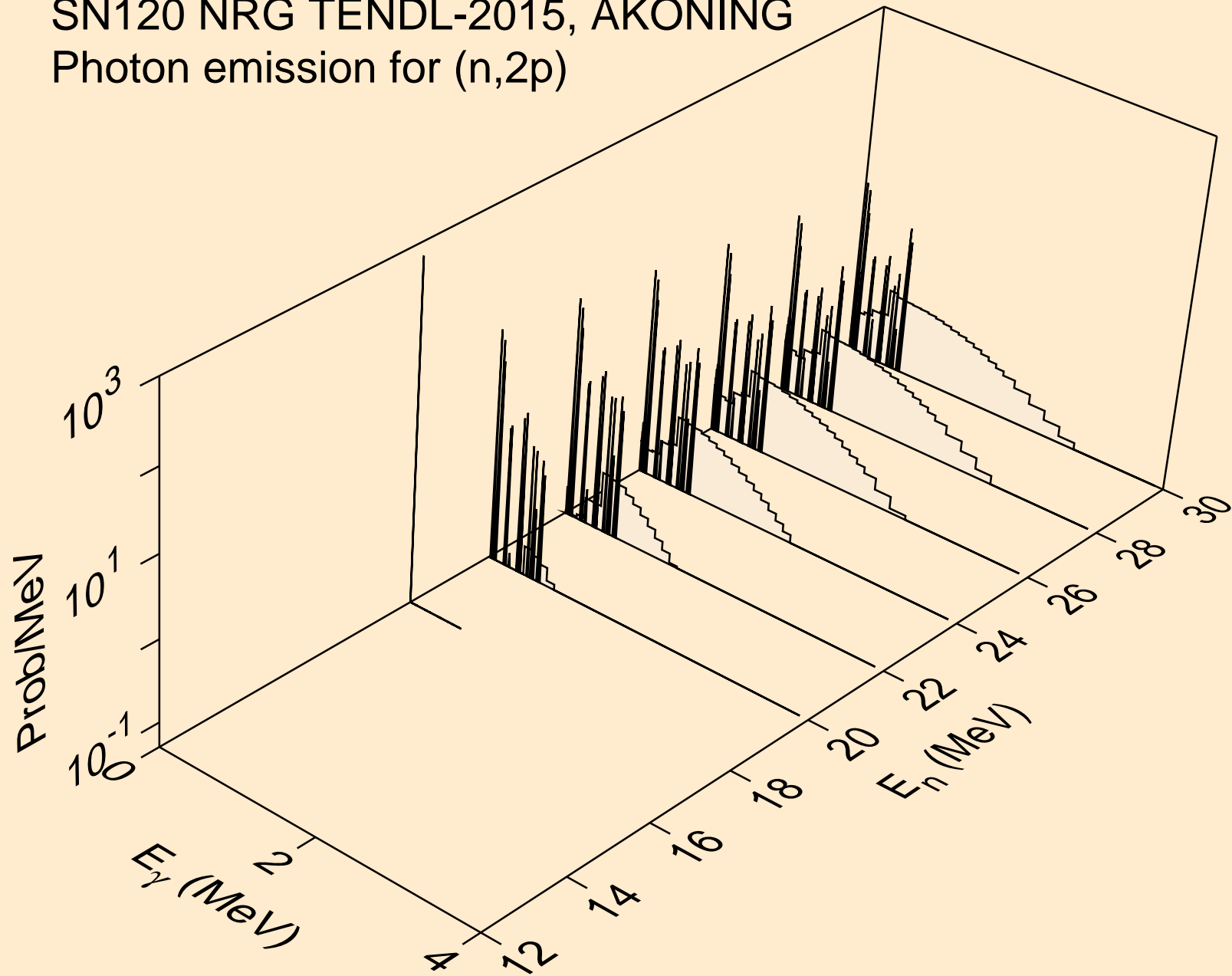
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,a)



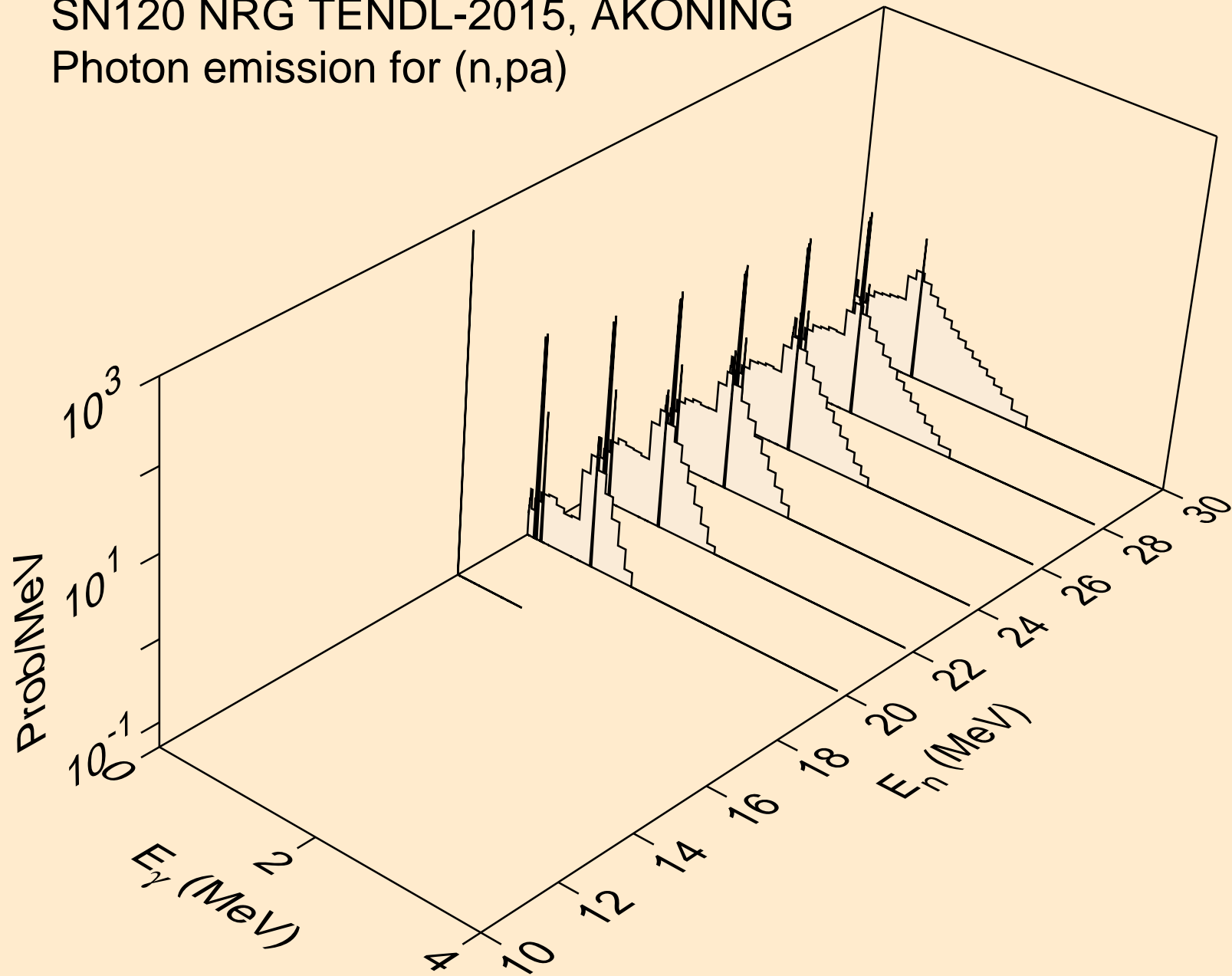
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



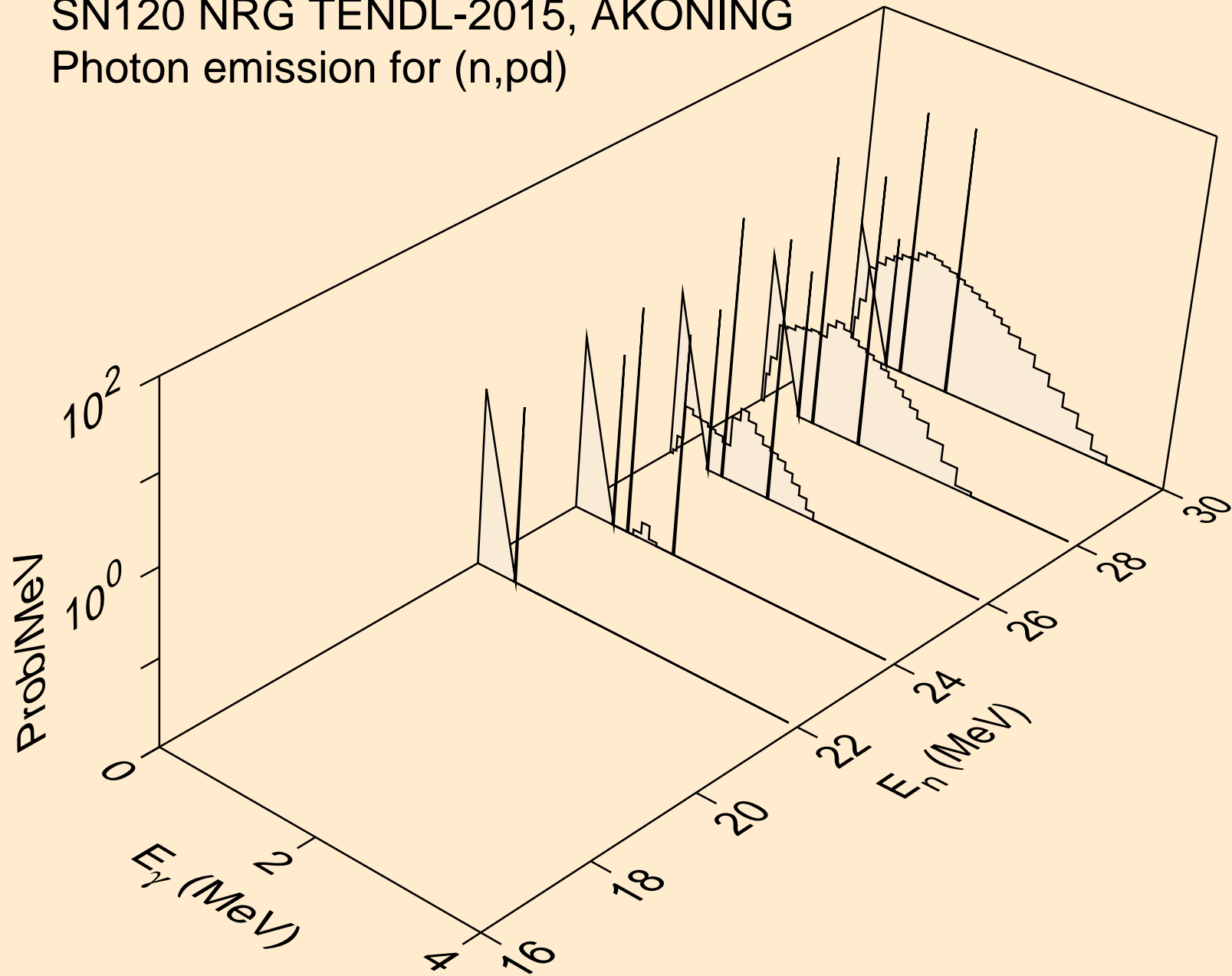
SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,2p)



SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,pa)

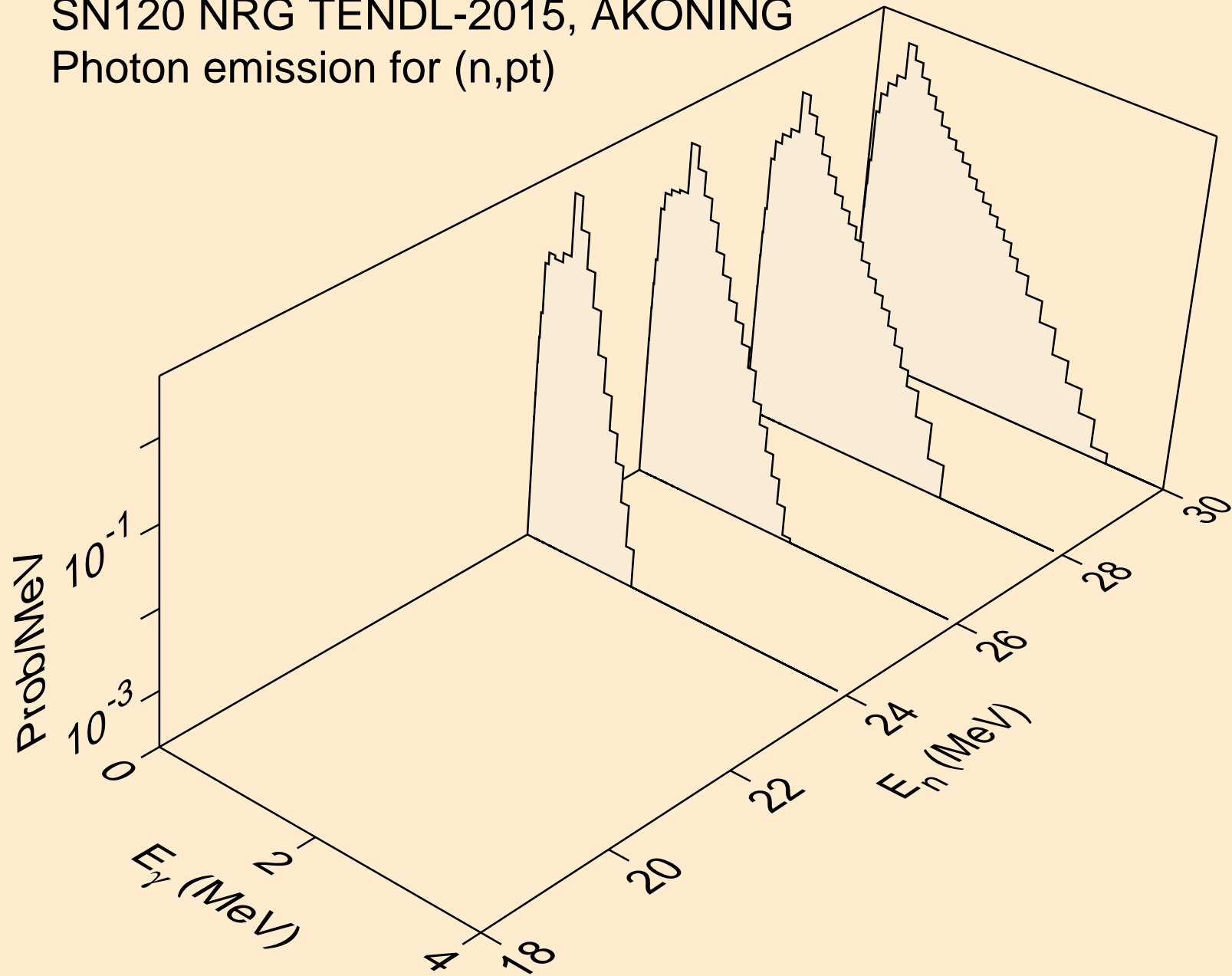


SN120 NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

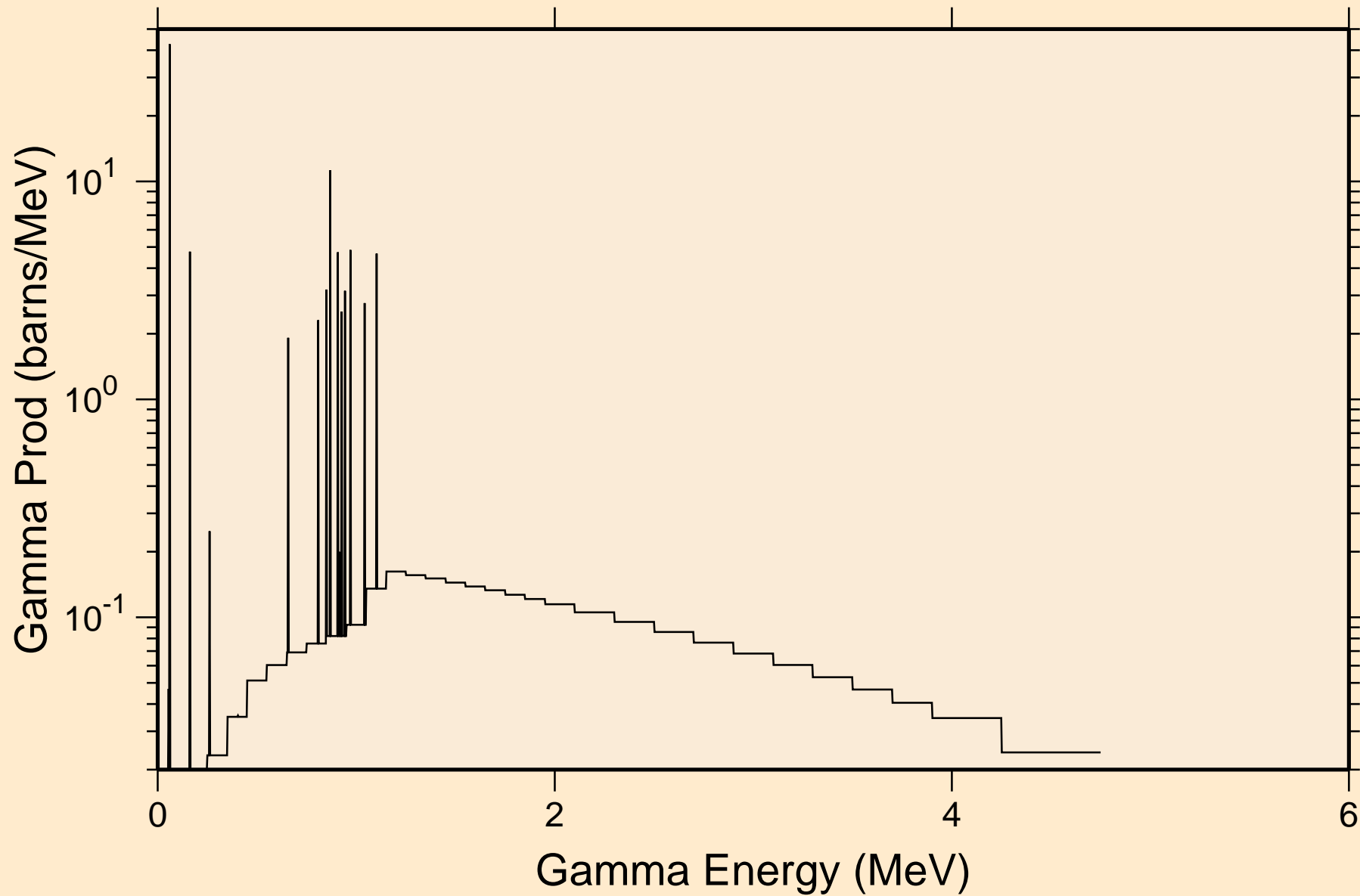


# SN120 NRG TENDL-2015, AKONING

Photon emission for (n,pt)

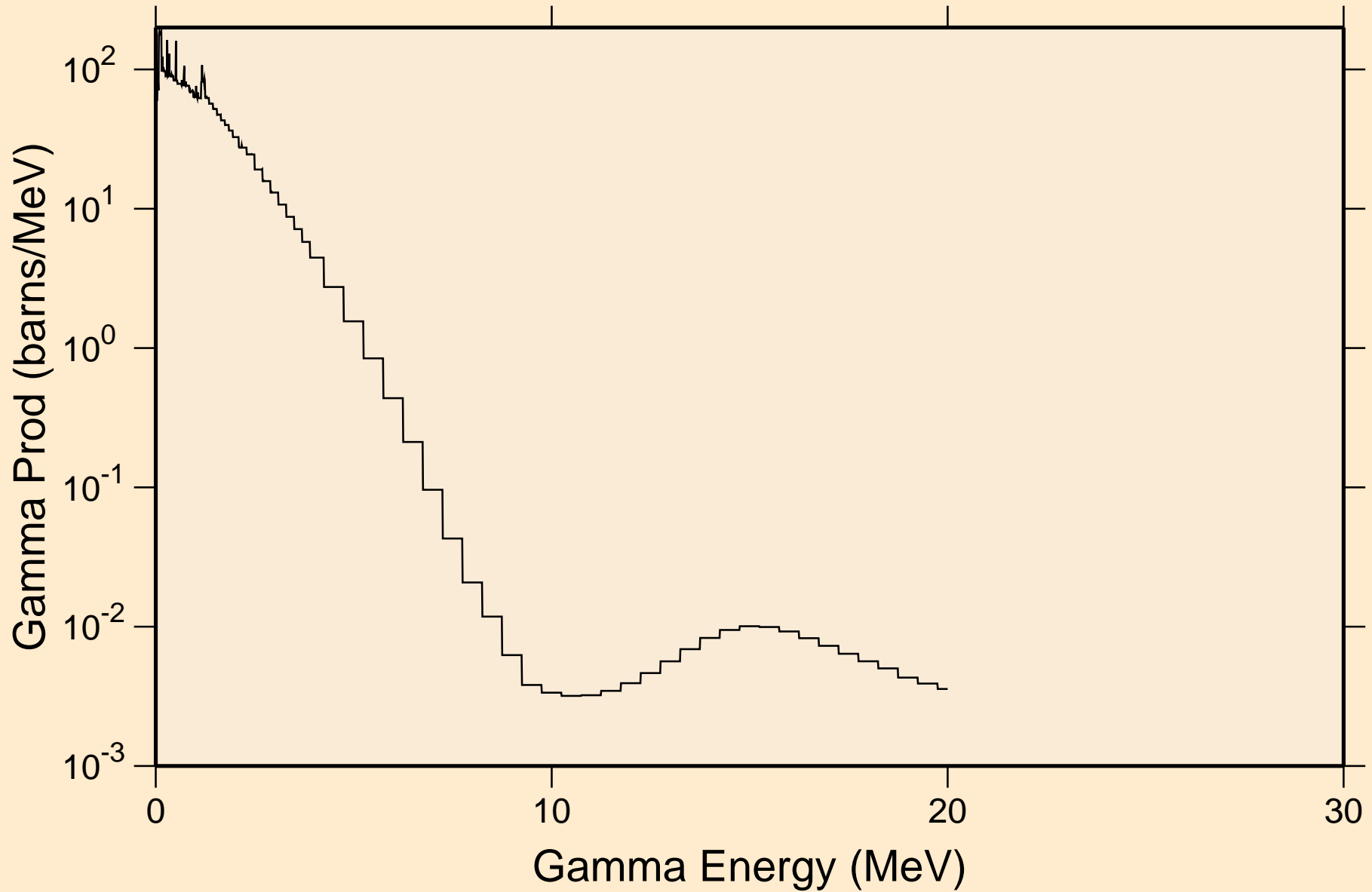


SN120 NRG TENDL-2015, AKONING  
thermal capture photon spectrum



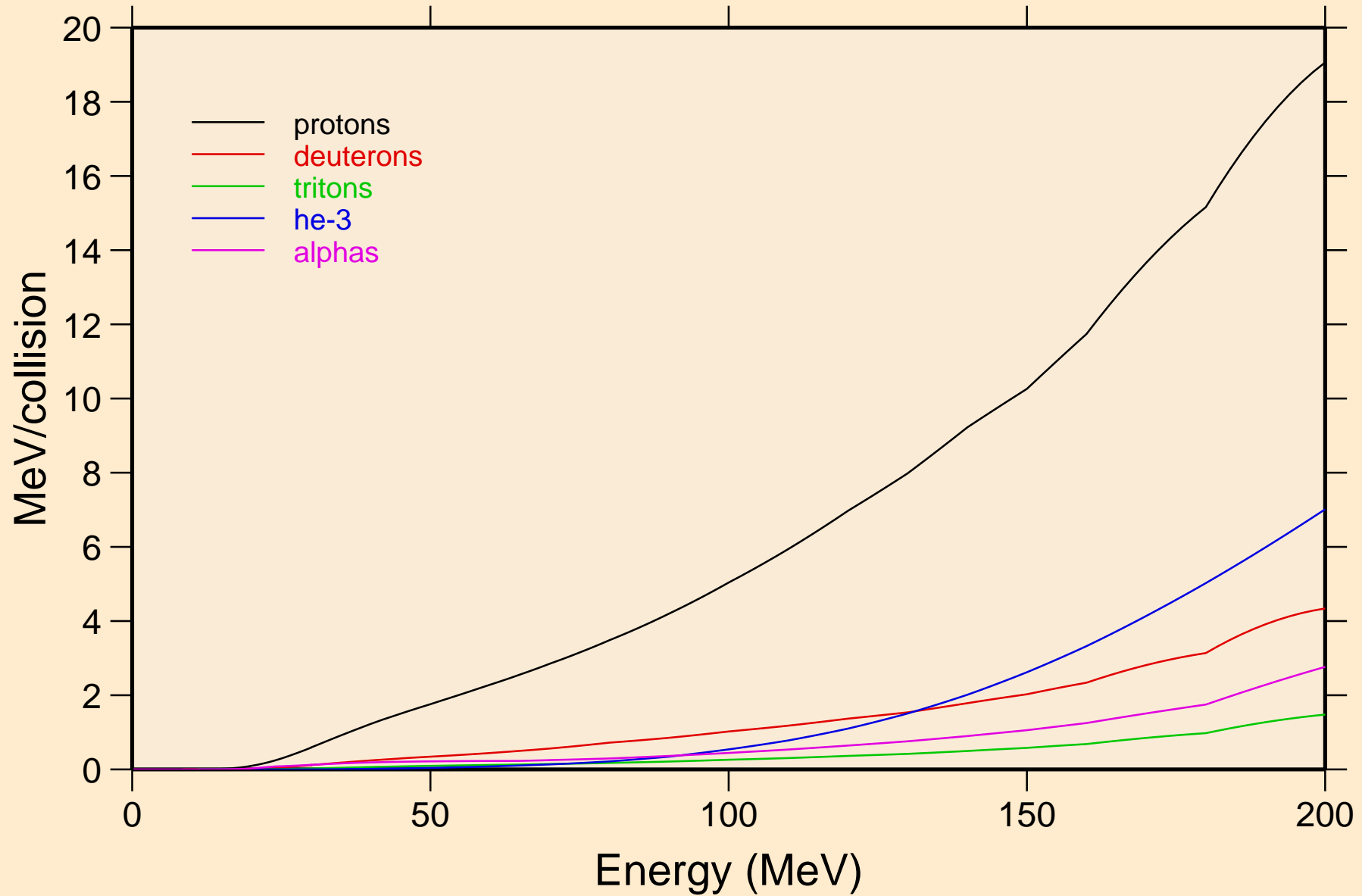


SN120 NRG TENDL-2015, AKONING  
14 MeV photon spectrum



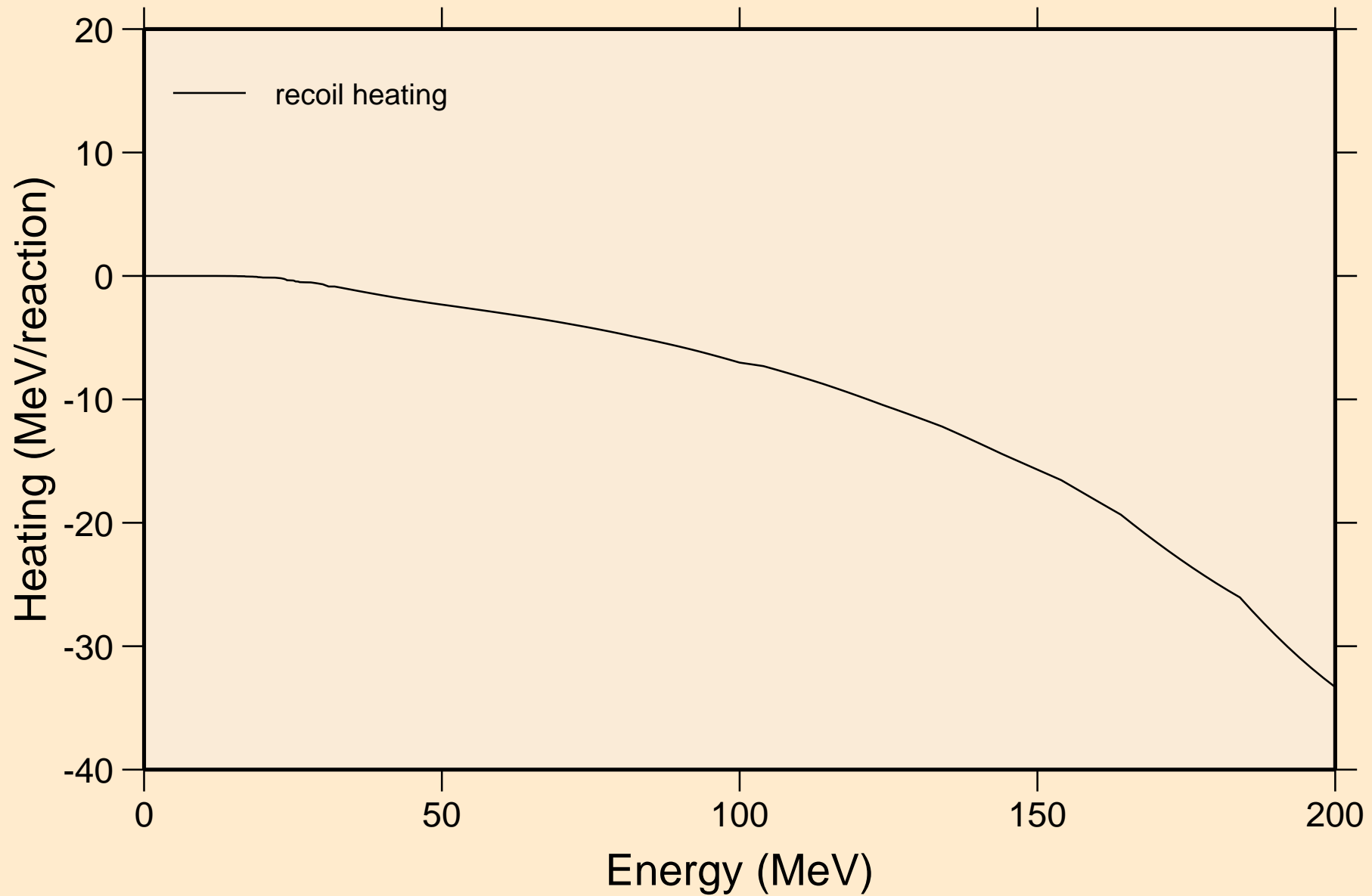
# SN120 NRG TENDL-2015, AKONING

## Particle heating contributions



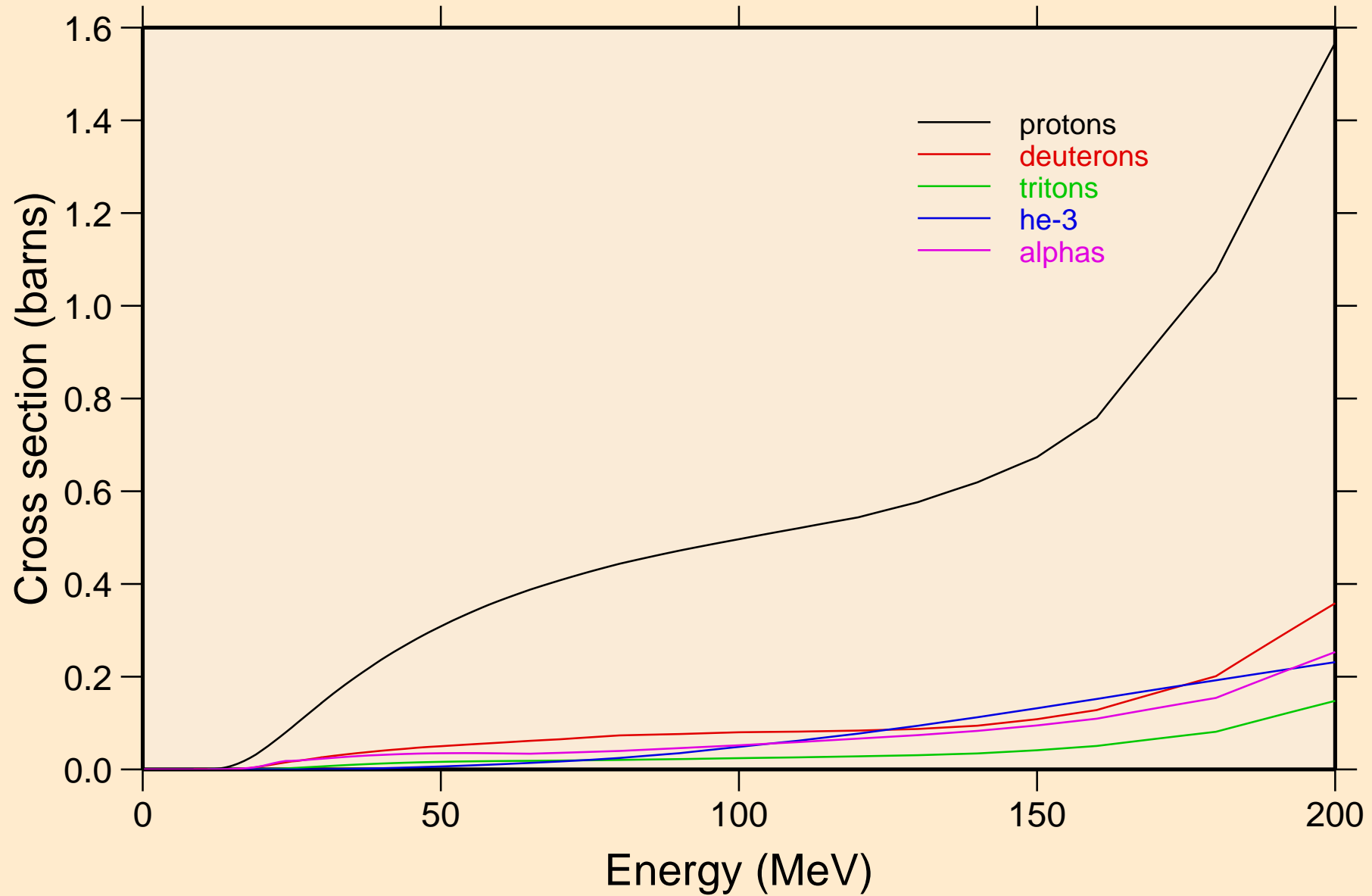
# SN120 NRG TENDL-2015, AKONING

## Recoil Heating

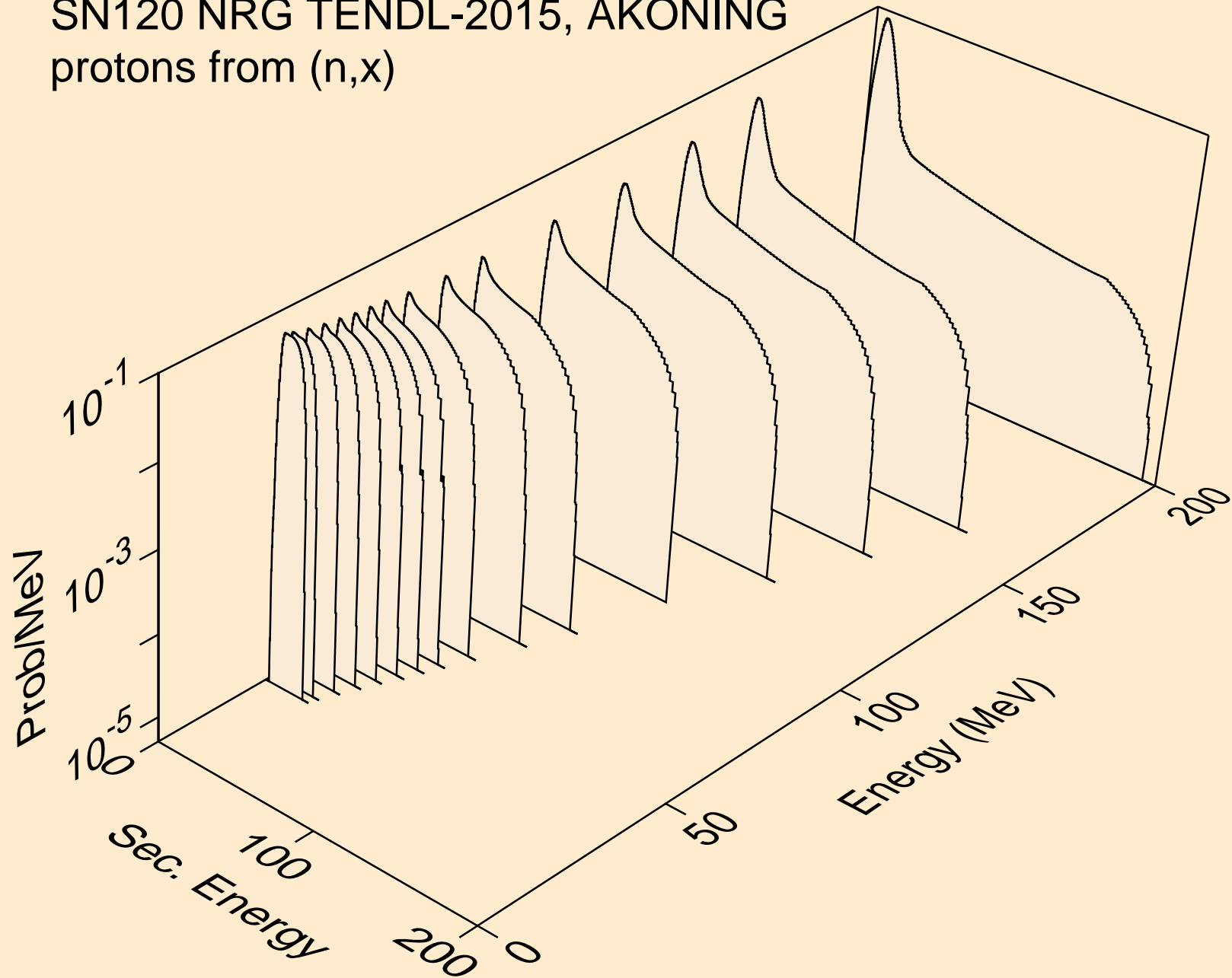


# SN120 NRG TENDL-2015, AKONING

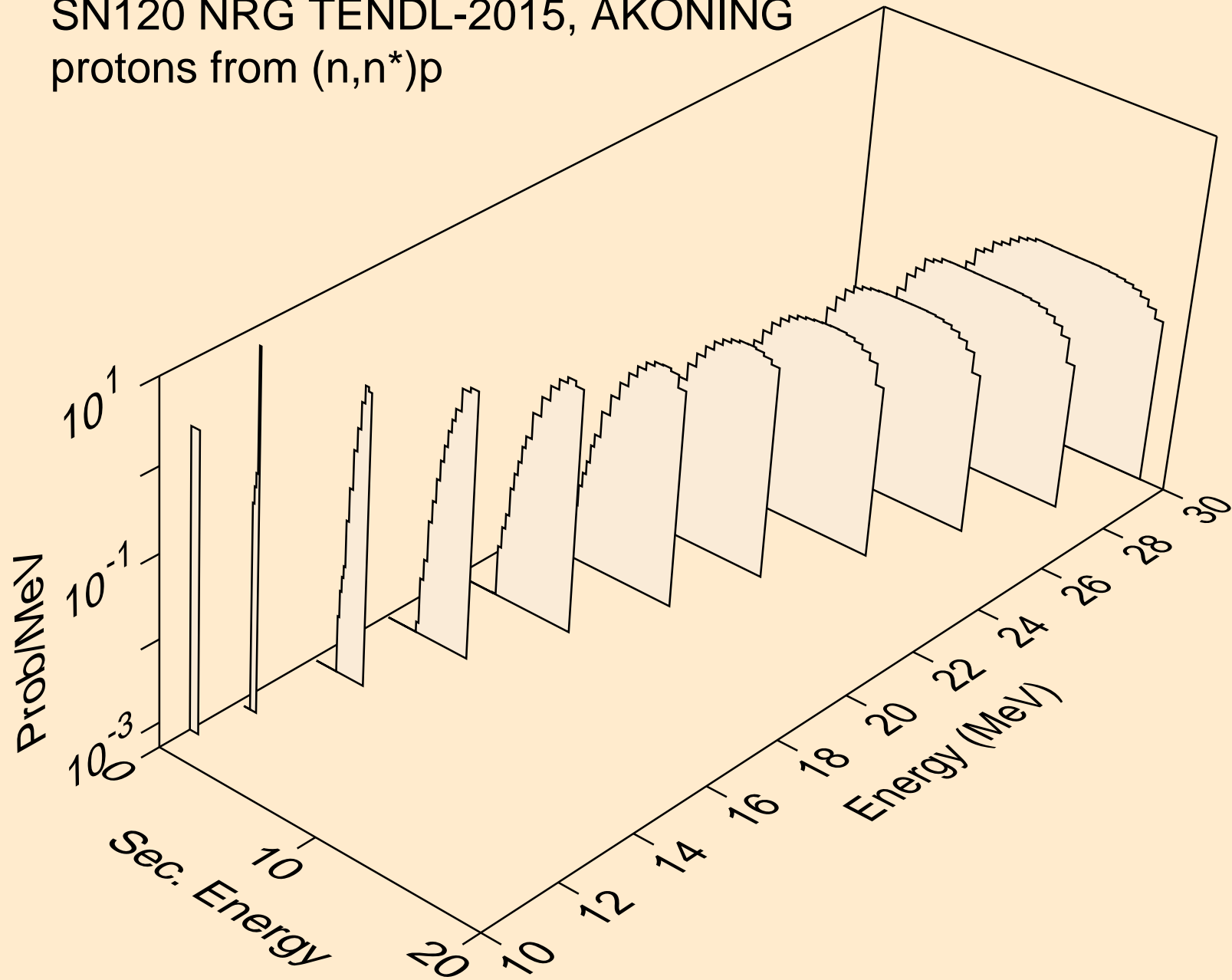
## Particle production cross sections



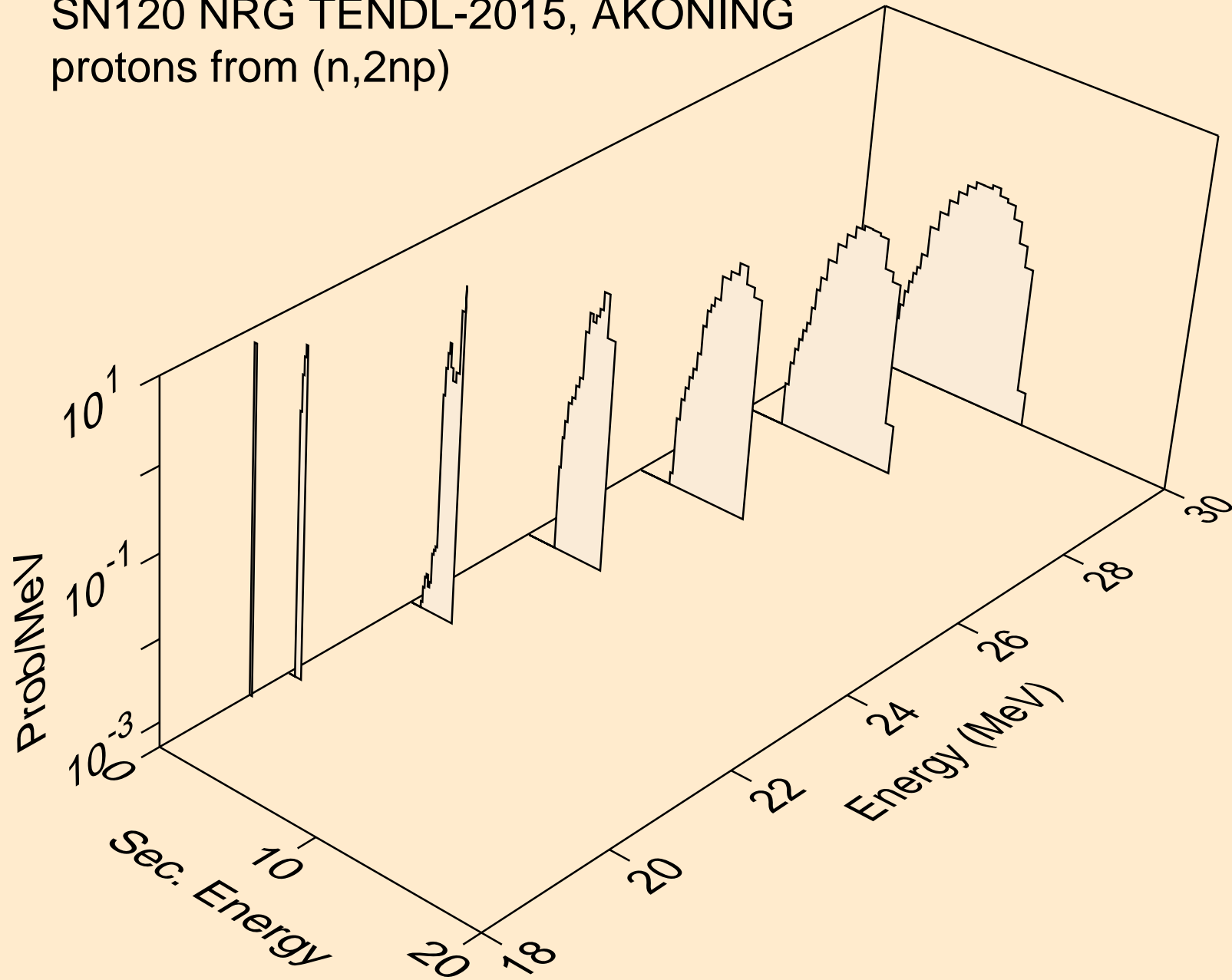
SN120 NRG TENDL-2015, AKONING  
protons from (n,x)



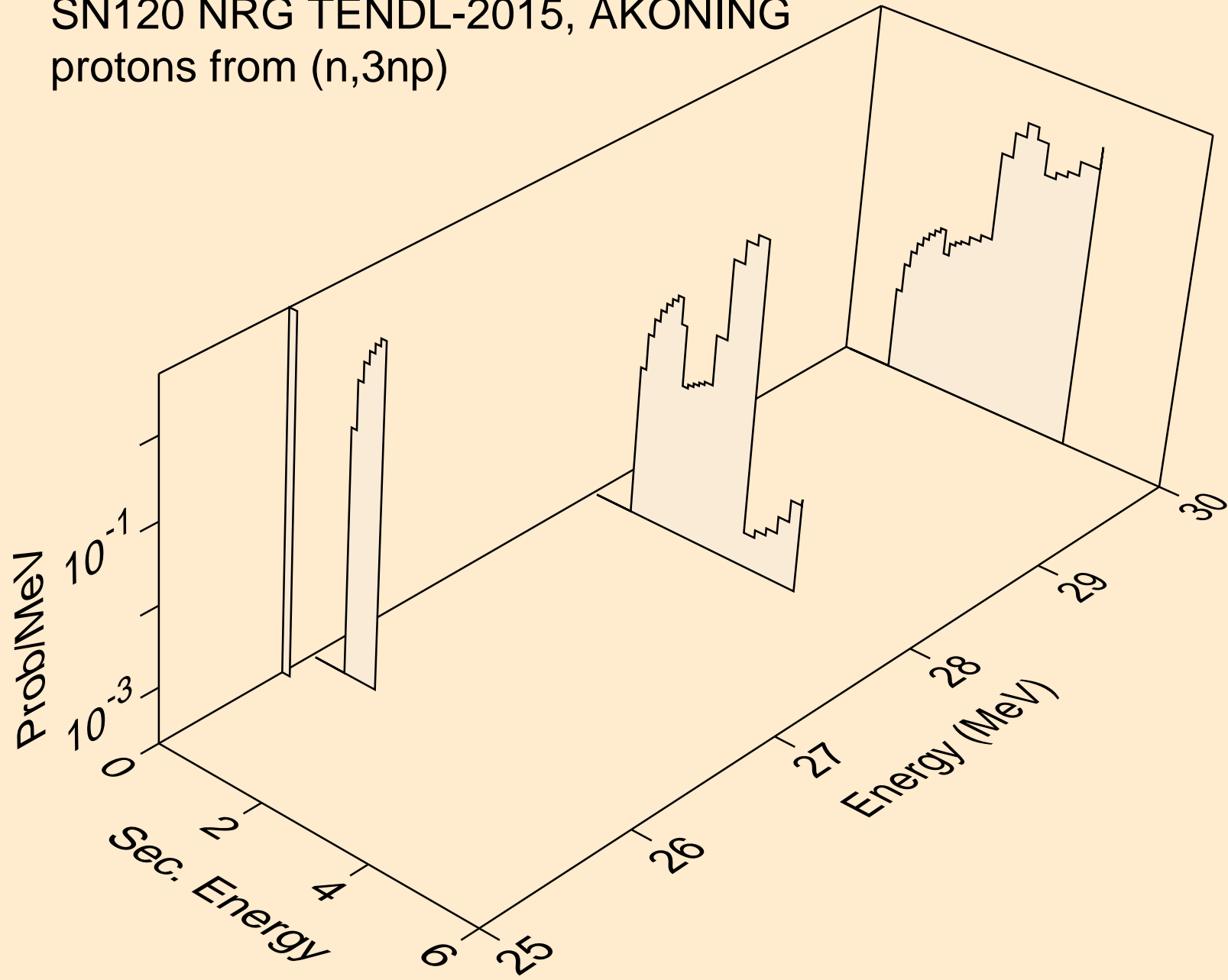
SN120 NRG TENDL-2015, AKONING  
protons from (n,n\*)p



SN120 NRG TENDL-2015, AKONING  
protons from (n,2np)

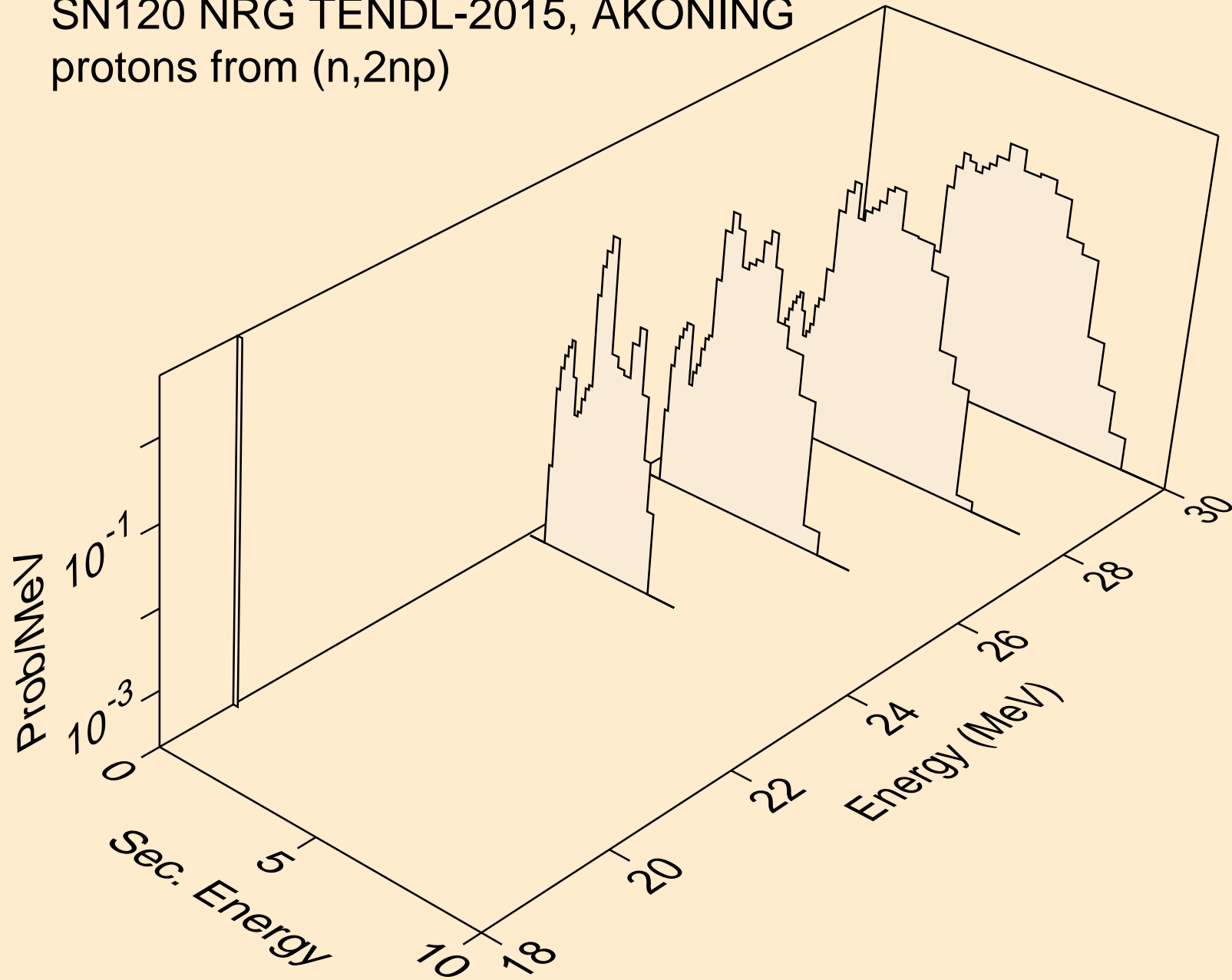


SN120 NRG TENDL-2015, AKONING  
protons from (n,3np)

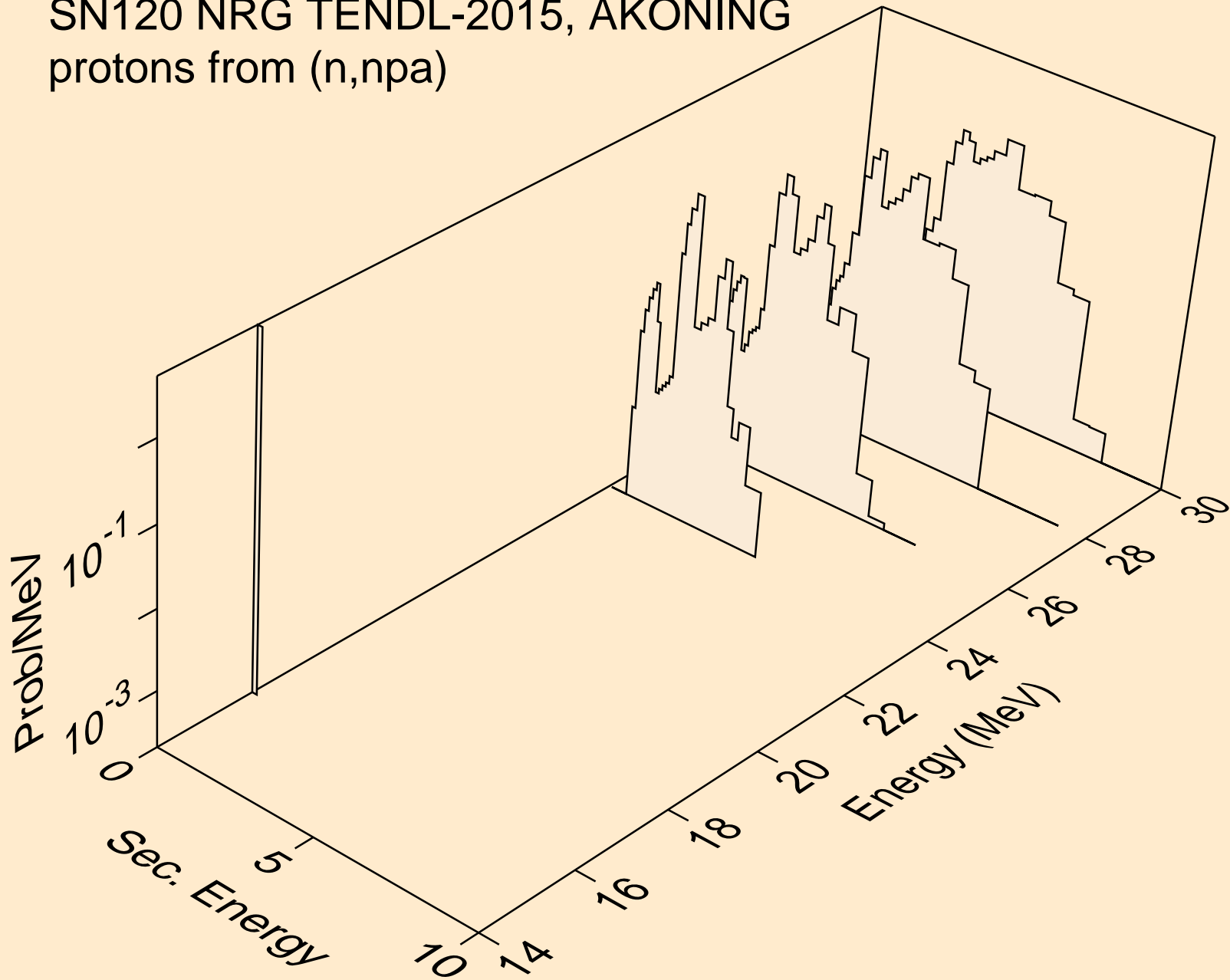




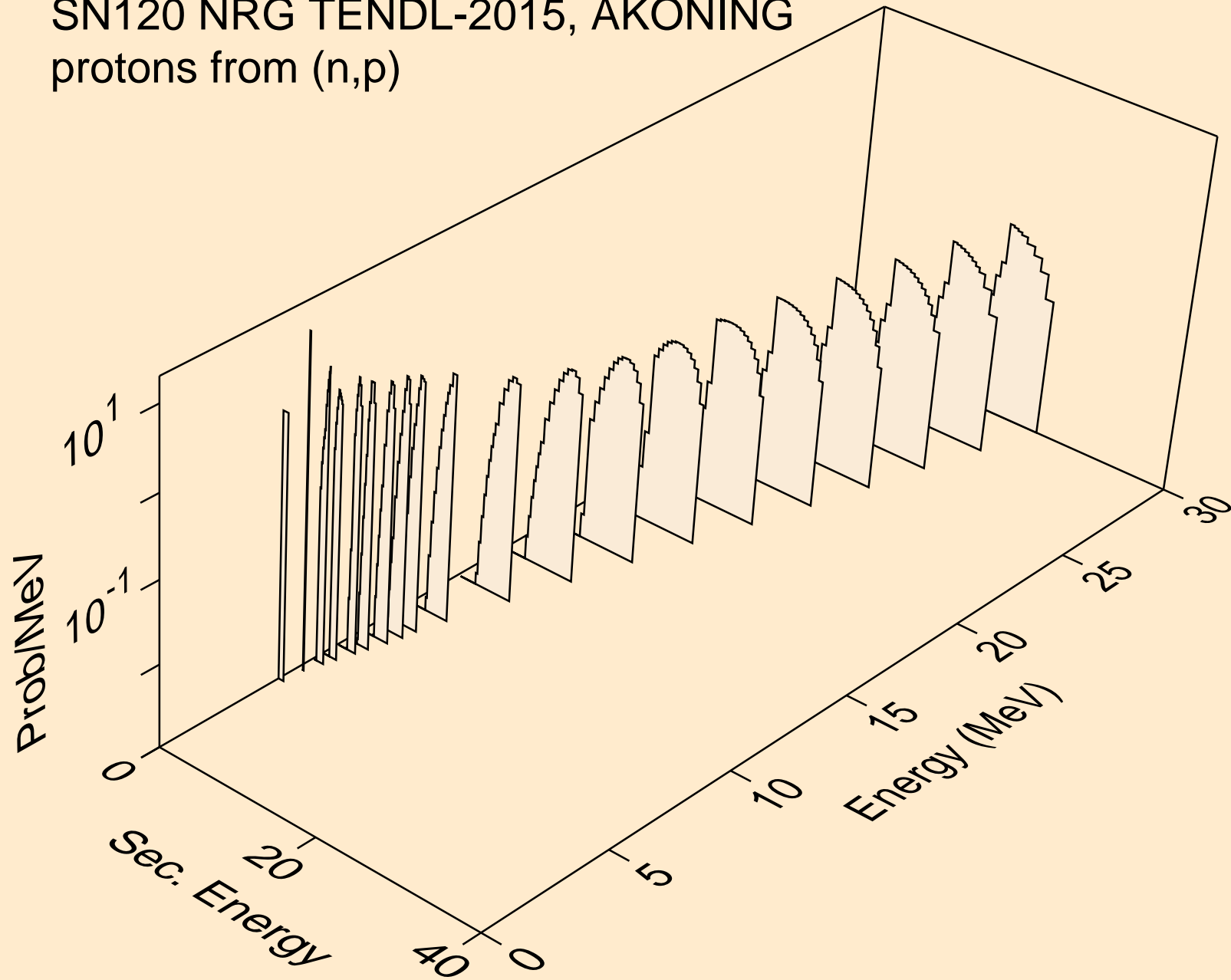
SN120 NRG TENDL-2015, AKONING  
protons from (n,2np)



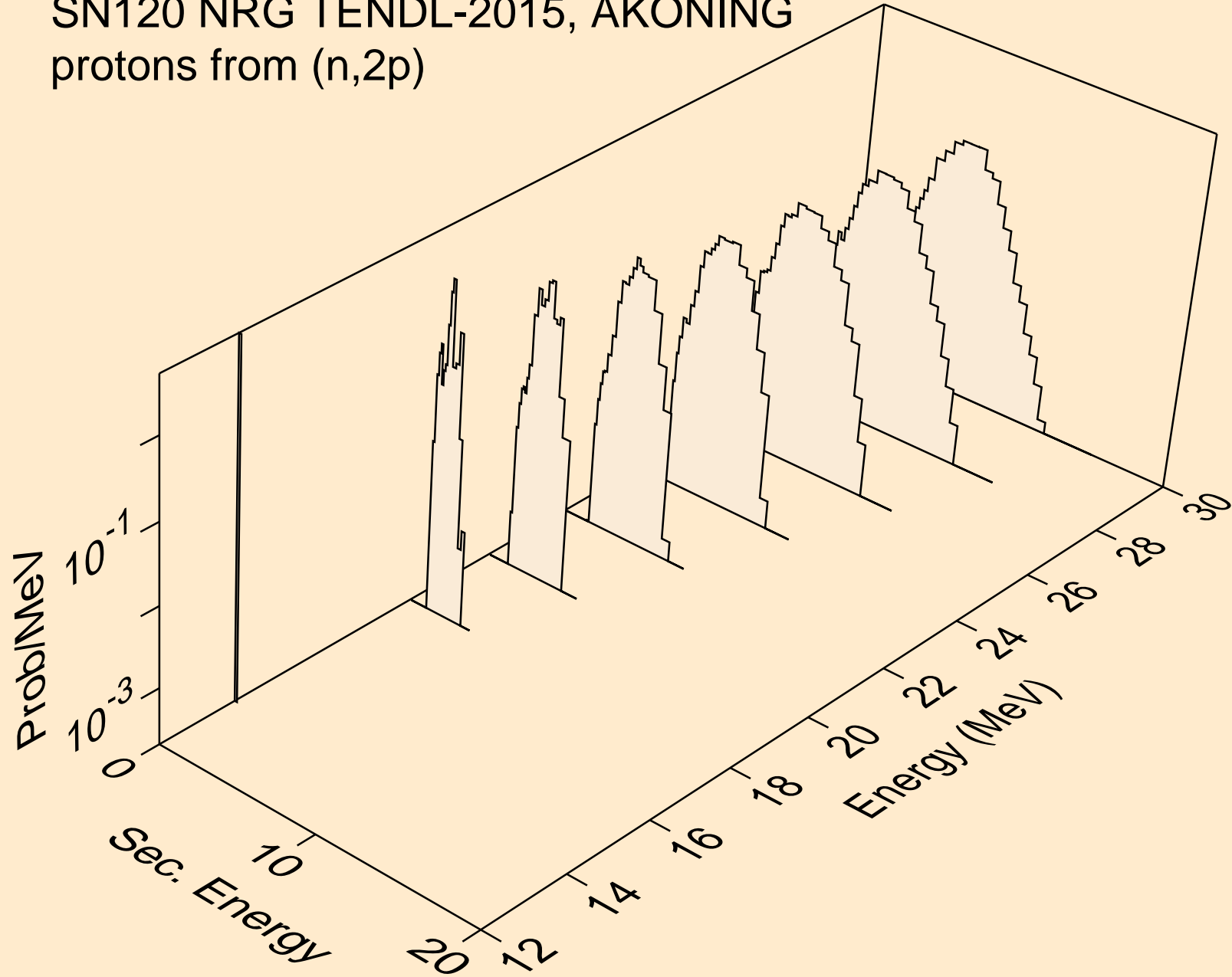
SN120 NRG TENDL-2015, AKONING  
protons from (n,npa)



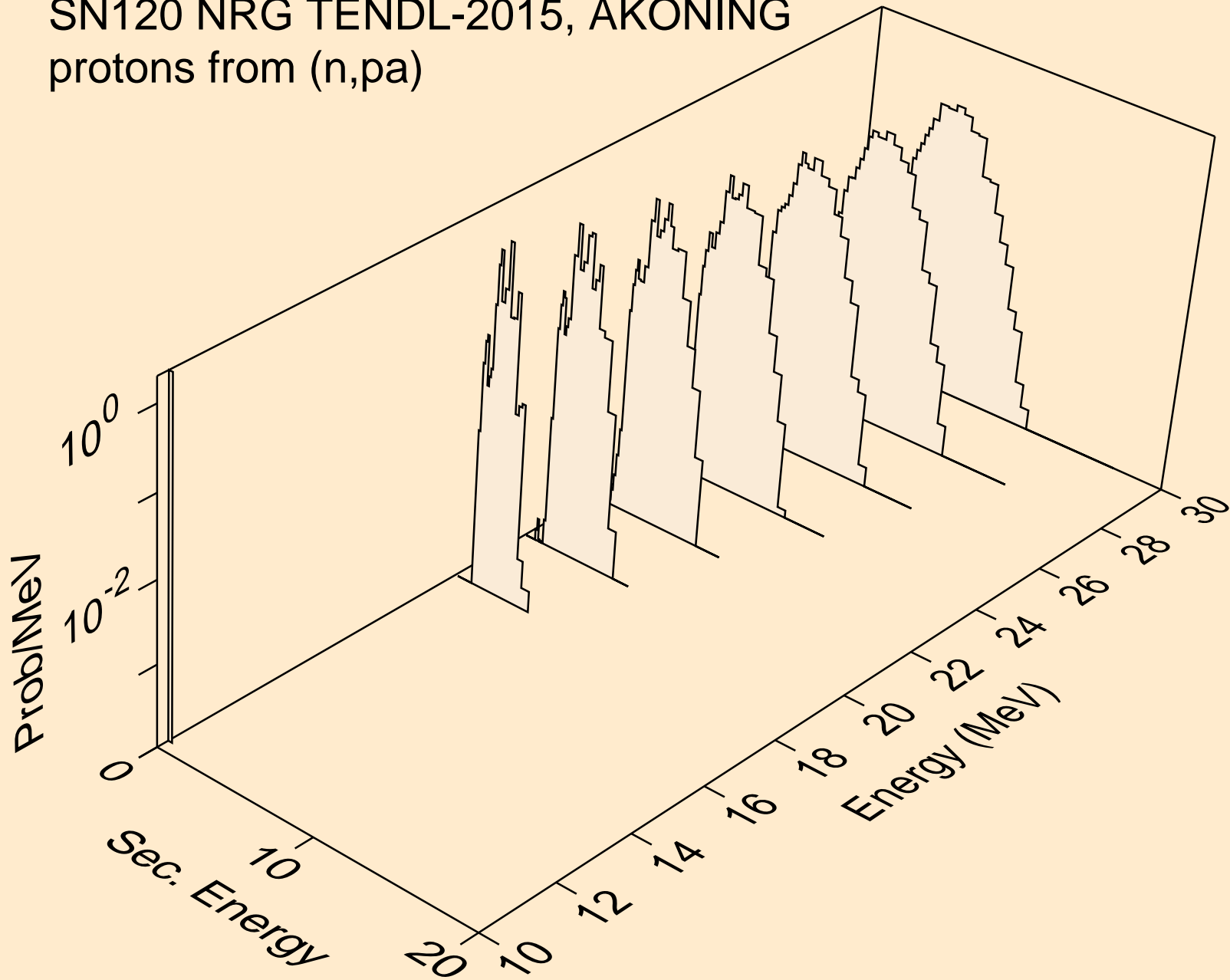
SN120 NRG TENDL-2015, AKONING  
protons from (n,p)



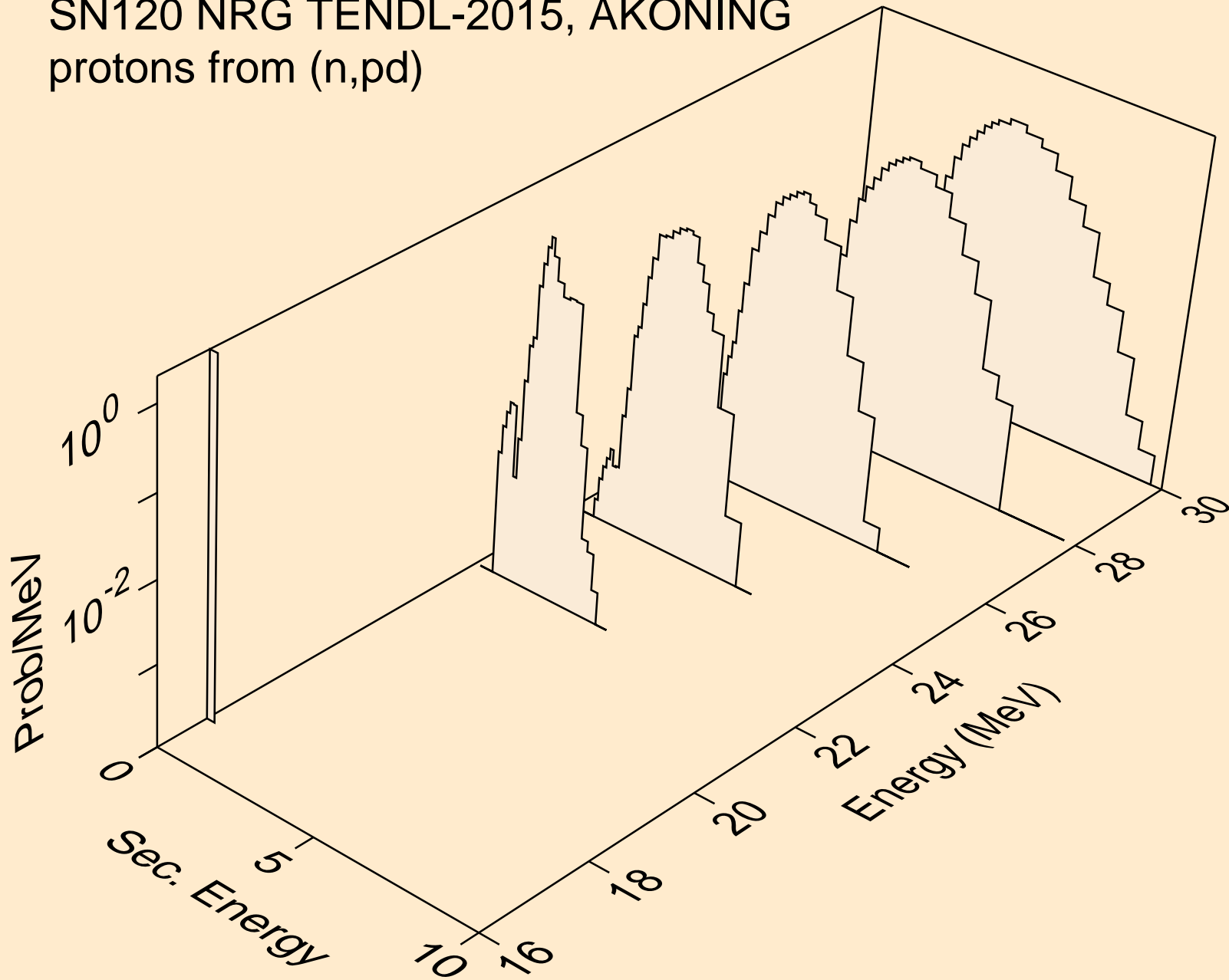
SN120 NRG TENDL-2015, AKONING  
protons from (n,2p)



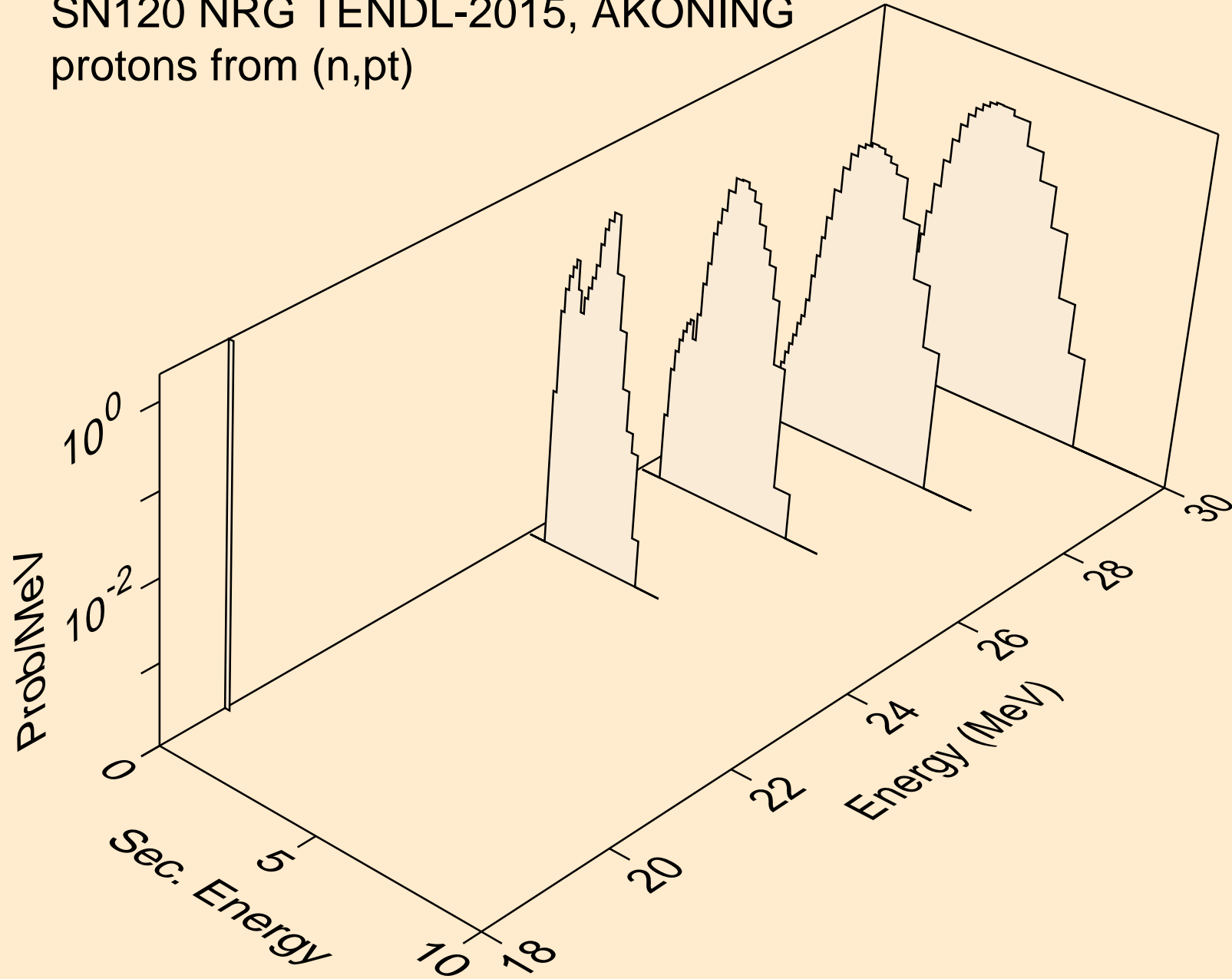
SN120 NRG TENDL-2015, AKONING  
protons from (n,p)



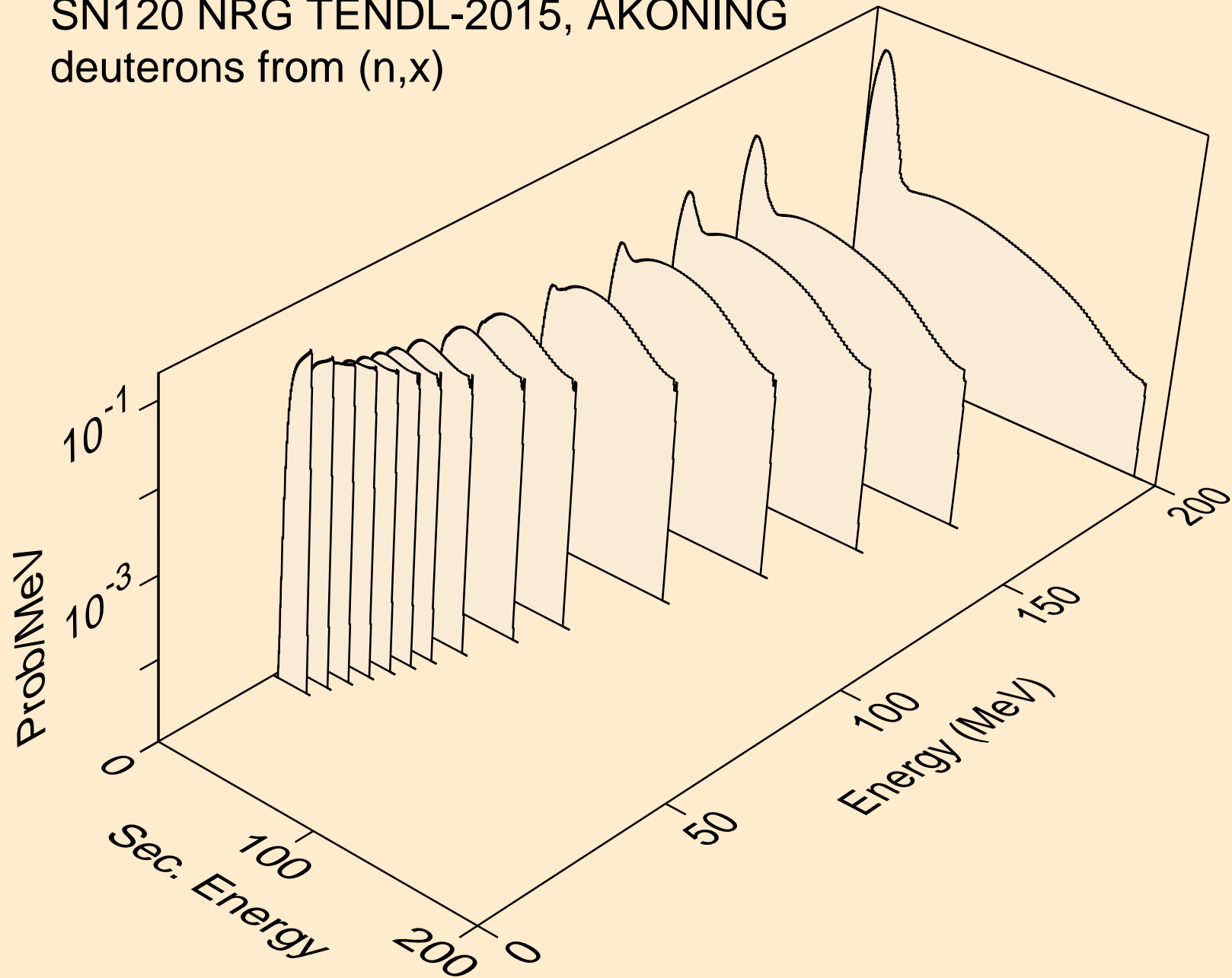
SN120 NRG TENDL-2015, AKONING  
protons from (n,pd)



SN120 NRG TENDL-2015, AKONING  
protons from (n,pt)

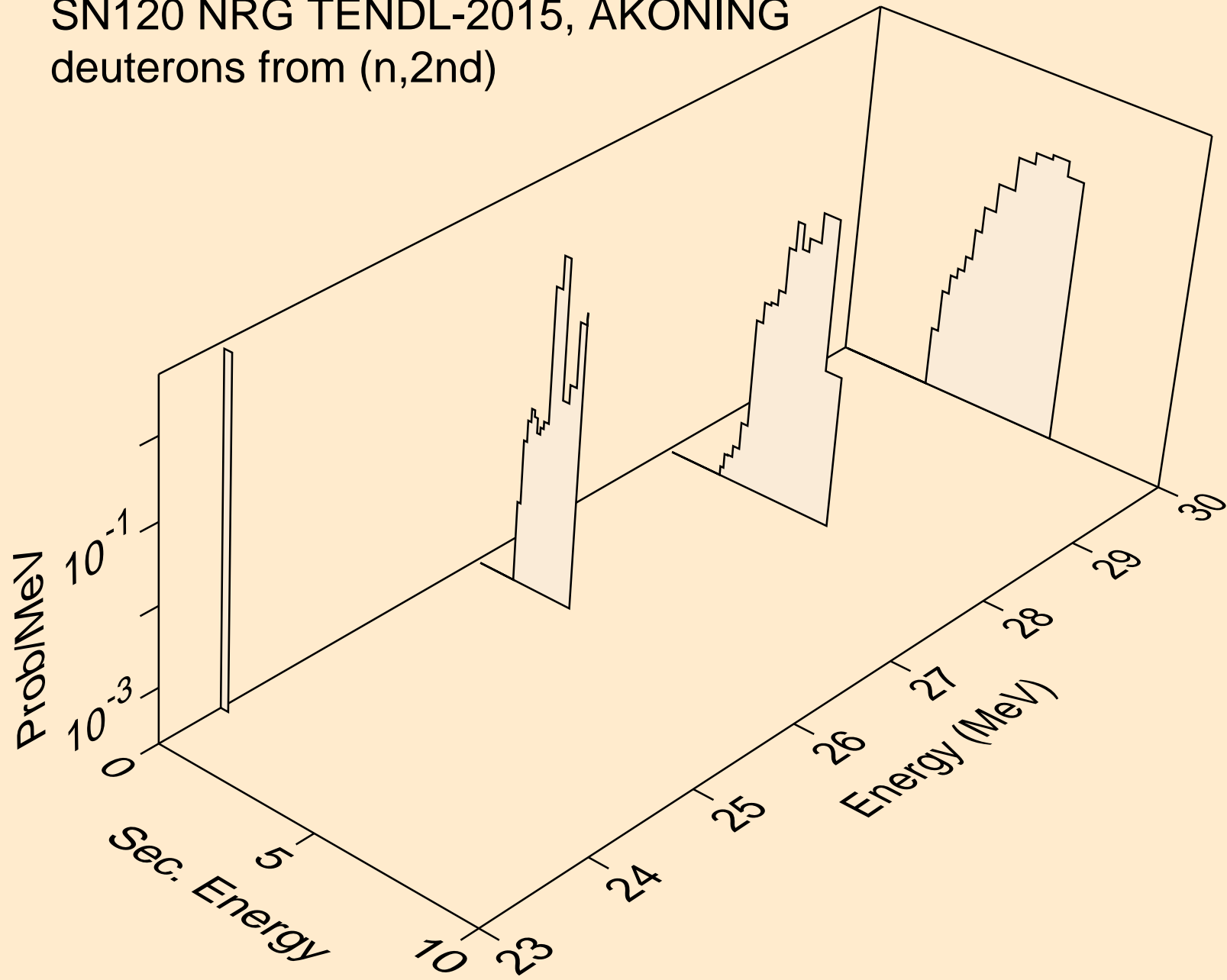


SN120 NRG TENDL-2015, AKONING  
deuterons from (n,x)

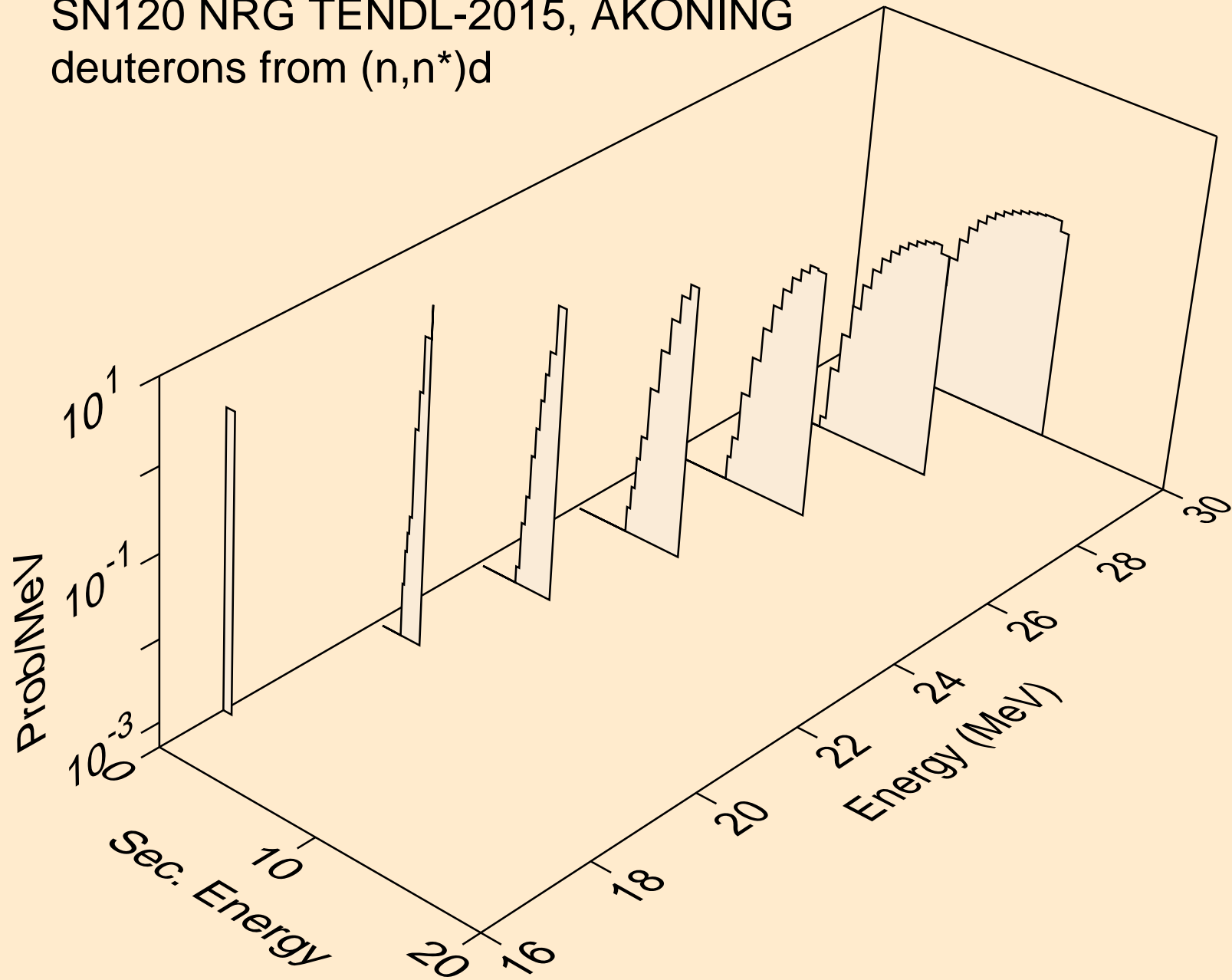




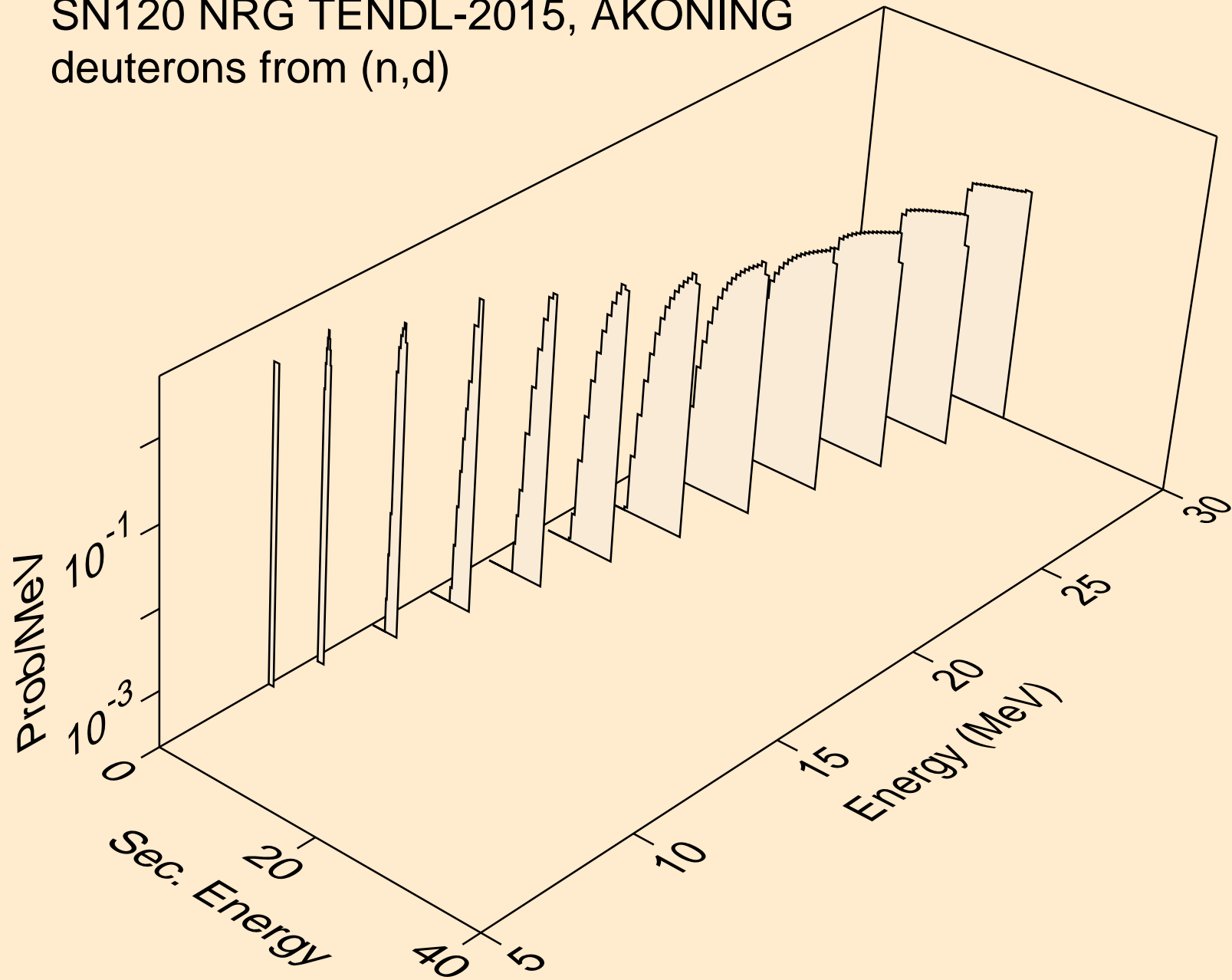
SN120 NRG TENDL-2015, AKONING  
deuterons from (n,2nd)



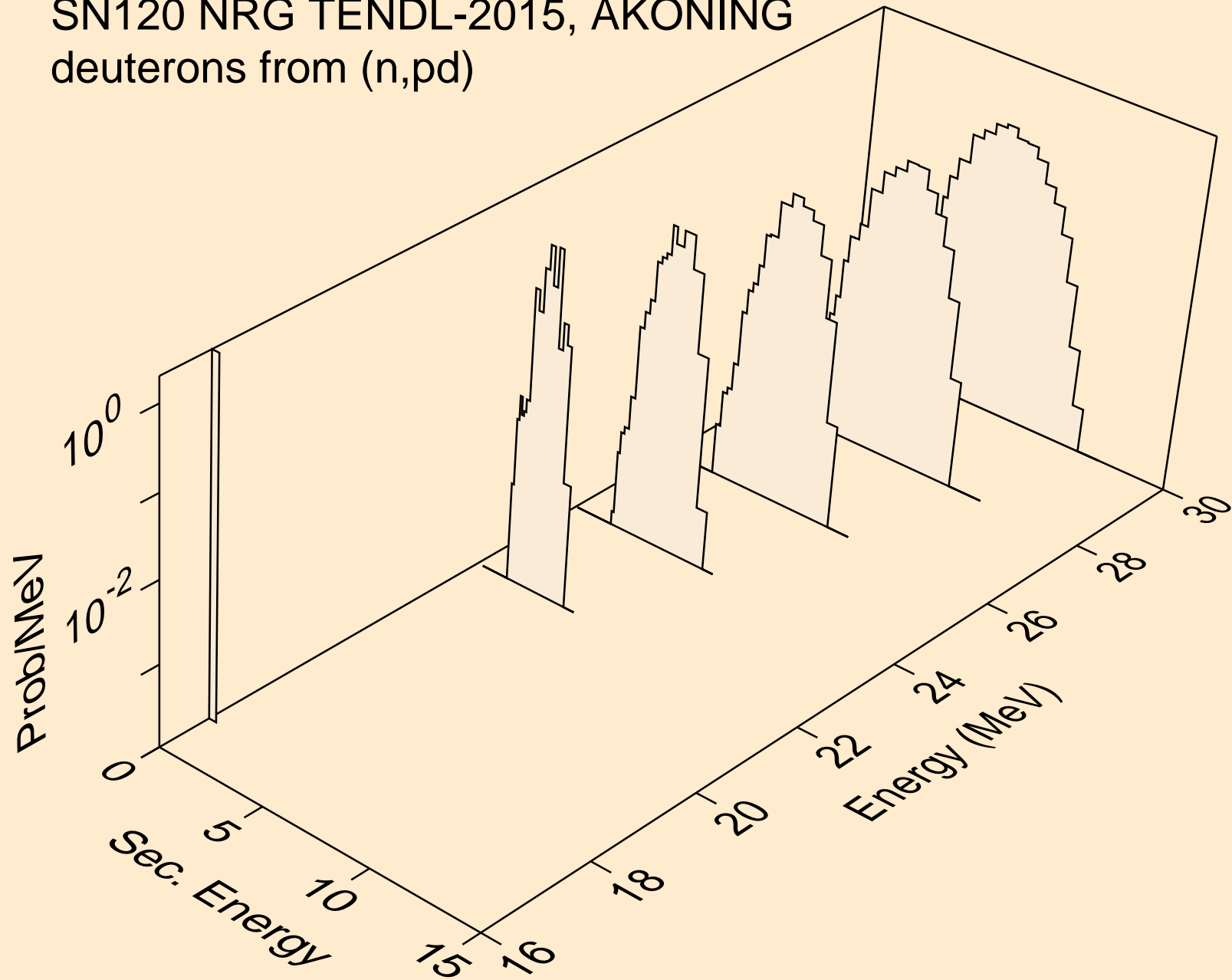
SN120 NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



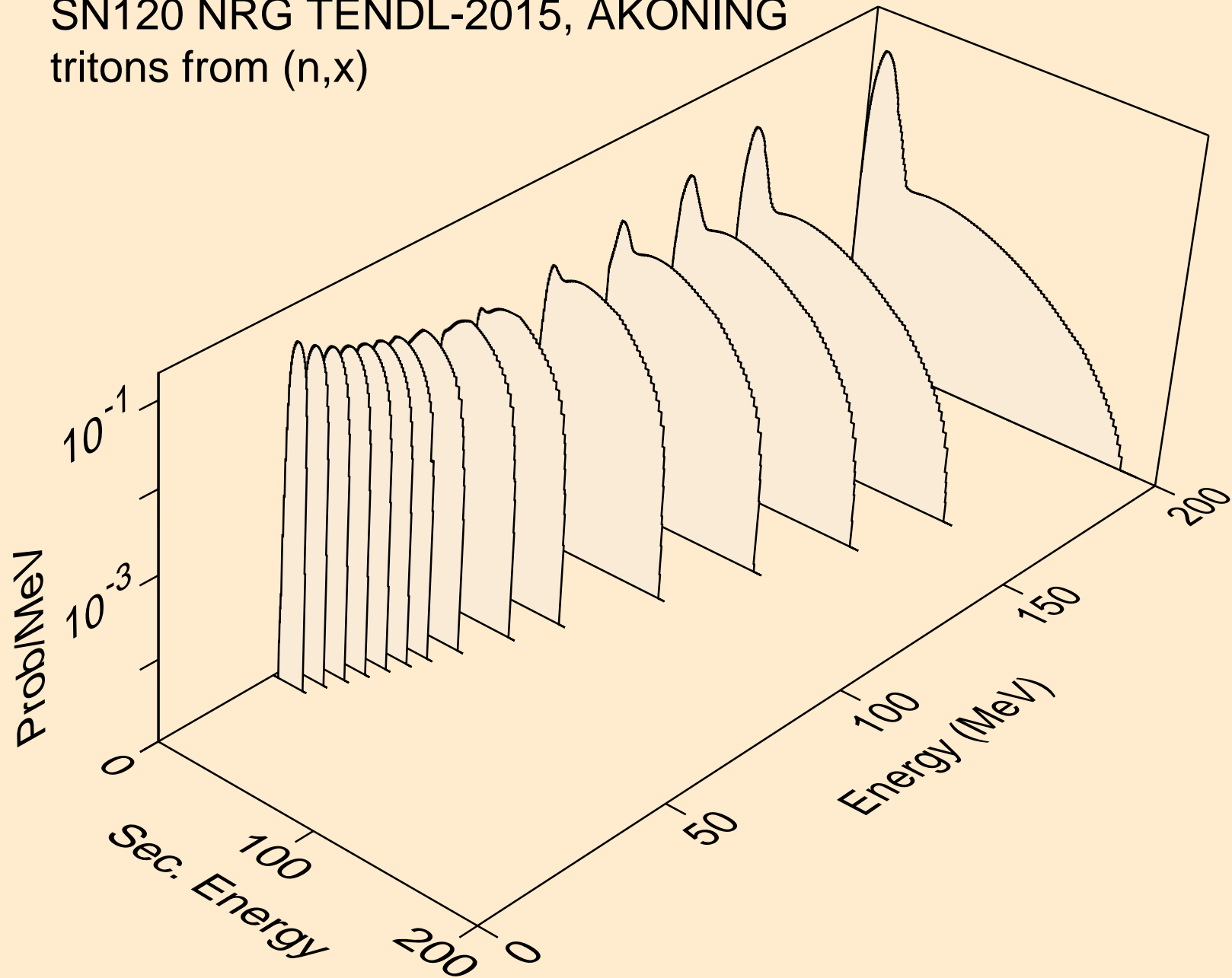
SN120 NRG TENDL-2015, AKONING  
deuterons from (n,d)



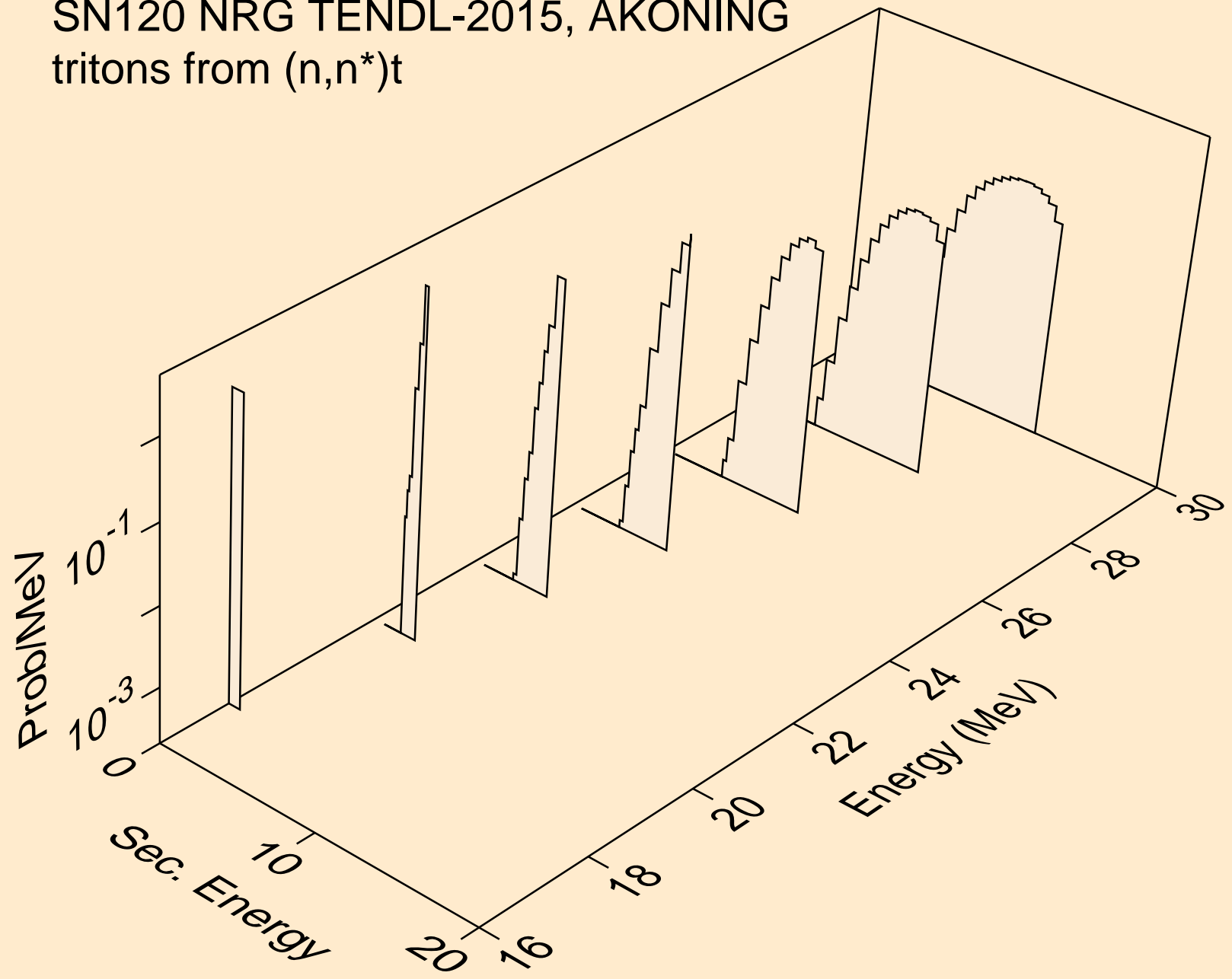
SN120 NRG TENDL-2015, AKONING  
deuterons from (n,pd)



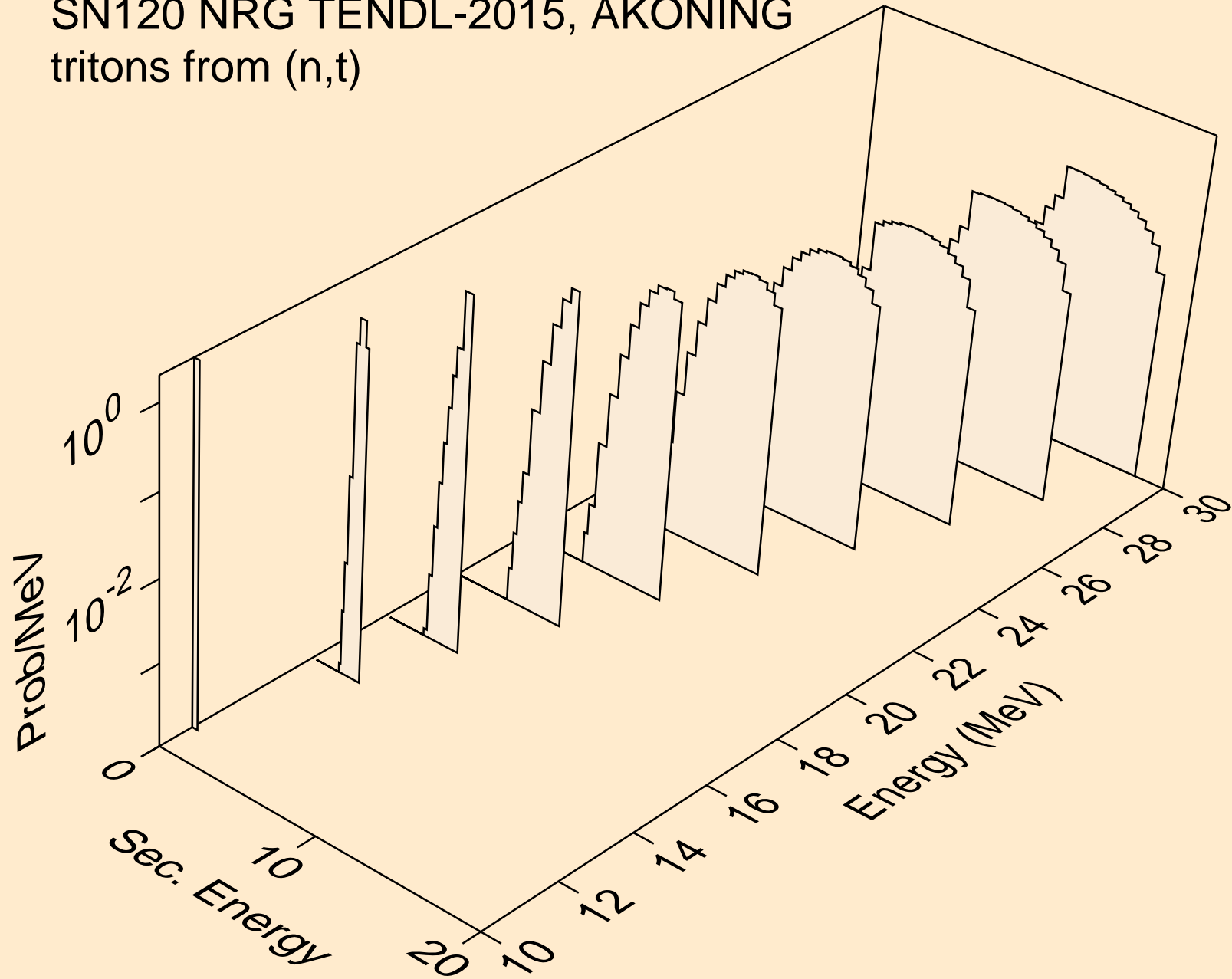
SN120 NRG TENDL-2015, AKONING  
tritons from (n,x)



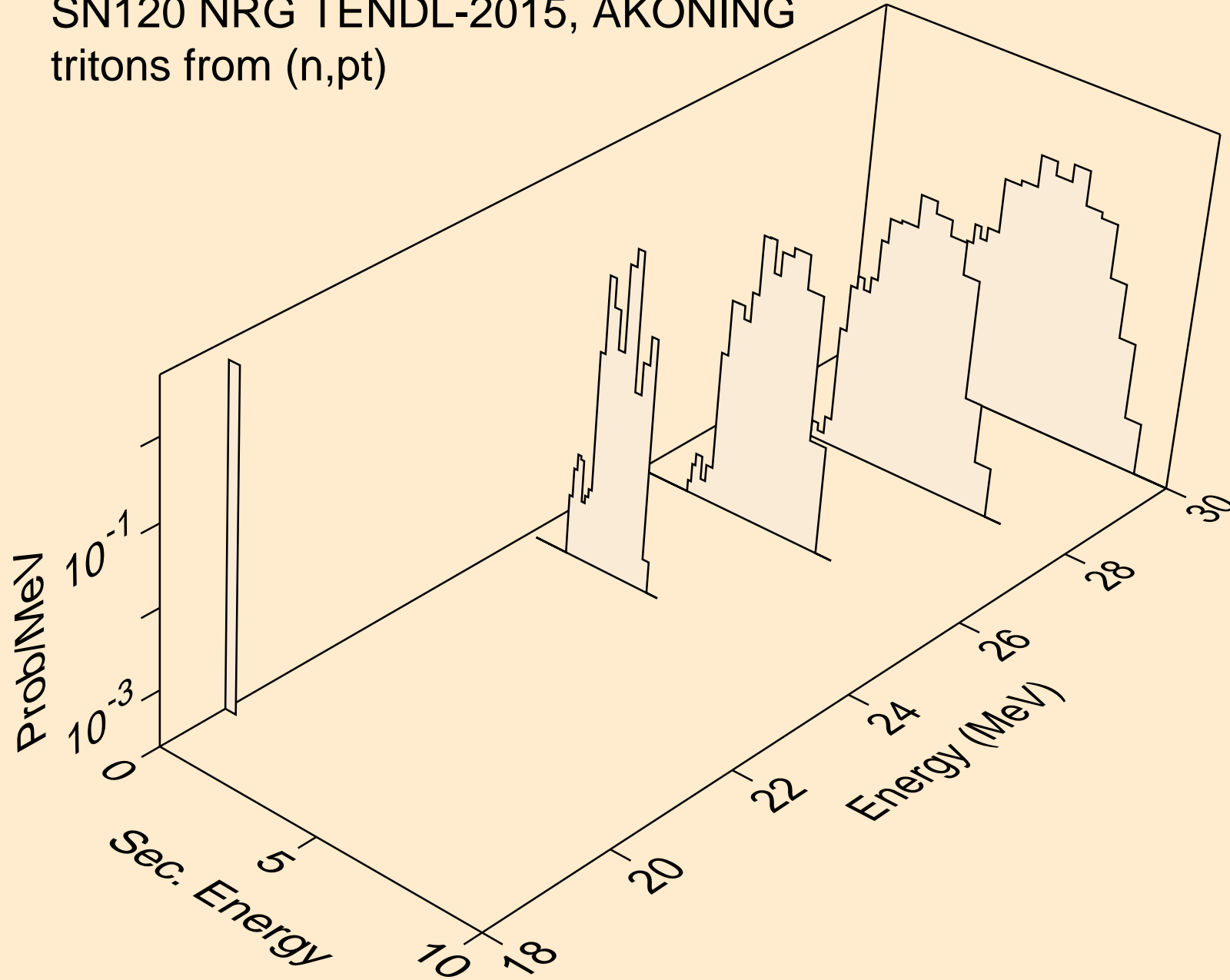
SN120 NRG TENDL-2015, AKONING  
tritons from (n,n\*)t



SN120 NRG TENDL-2015, AKONING  
tritons from (n,t)

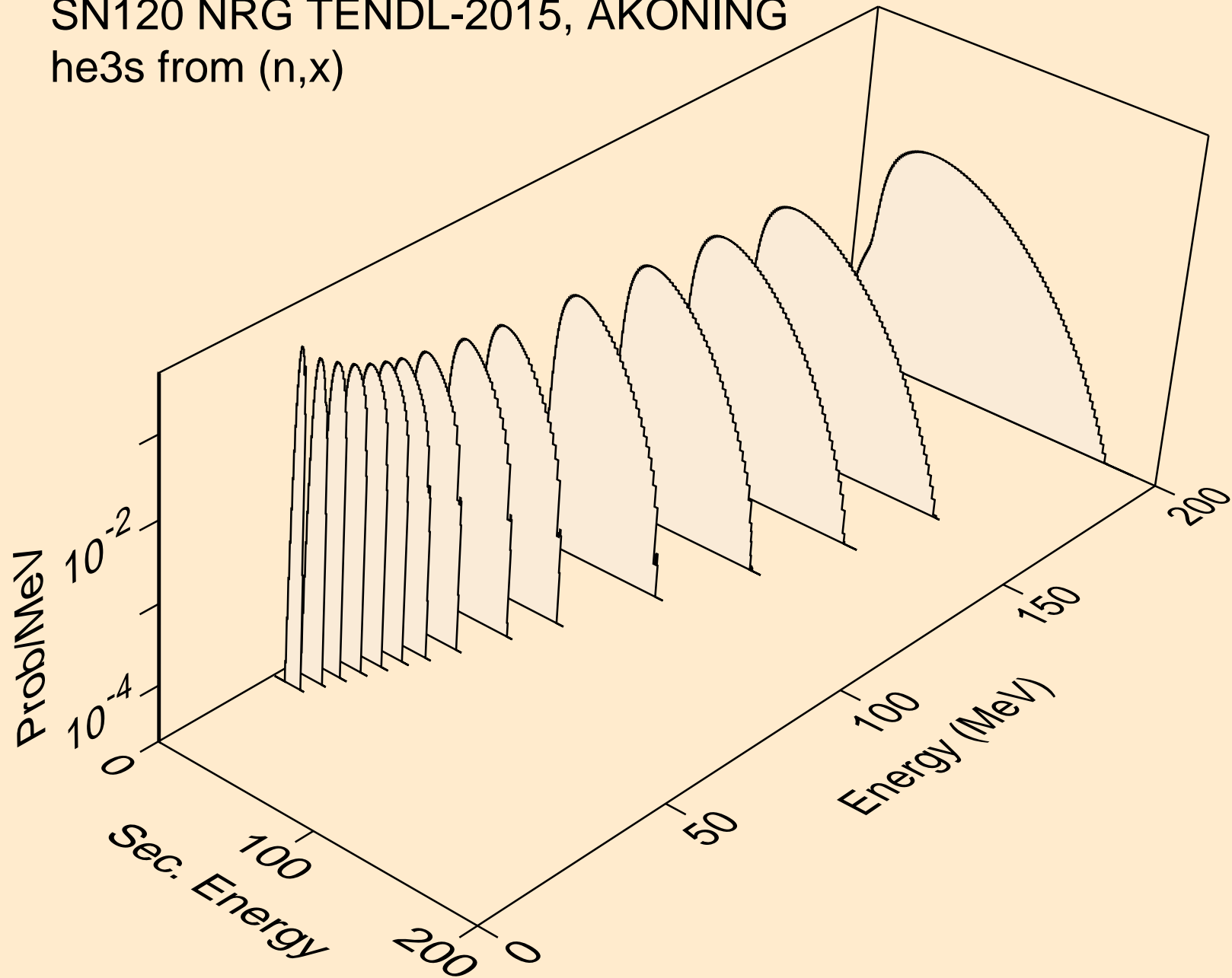


SN120 NRG TENDL-2015, AKONING  
tritons from (n,pt)

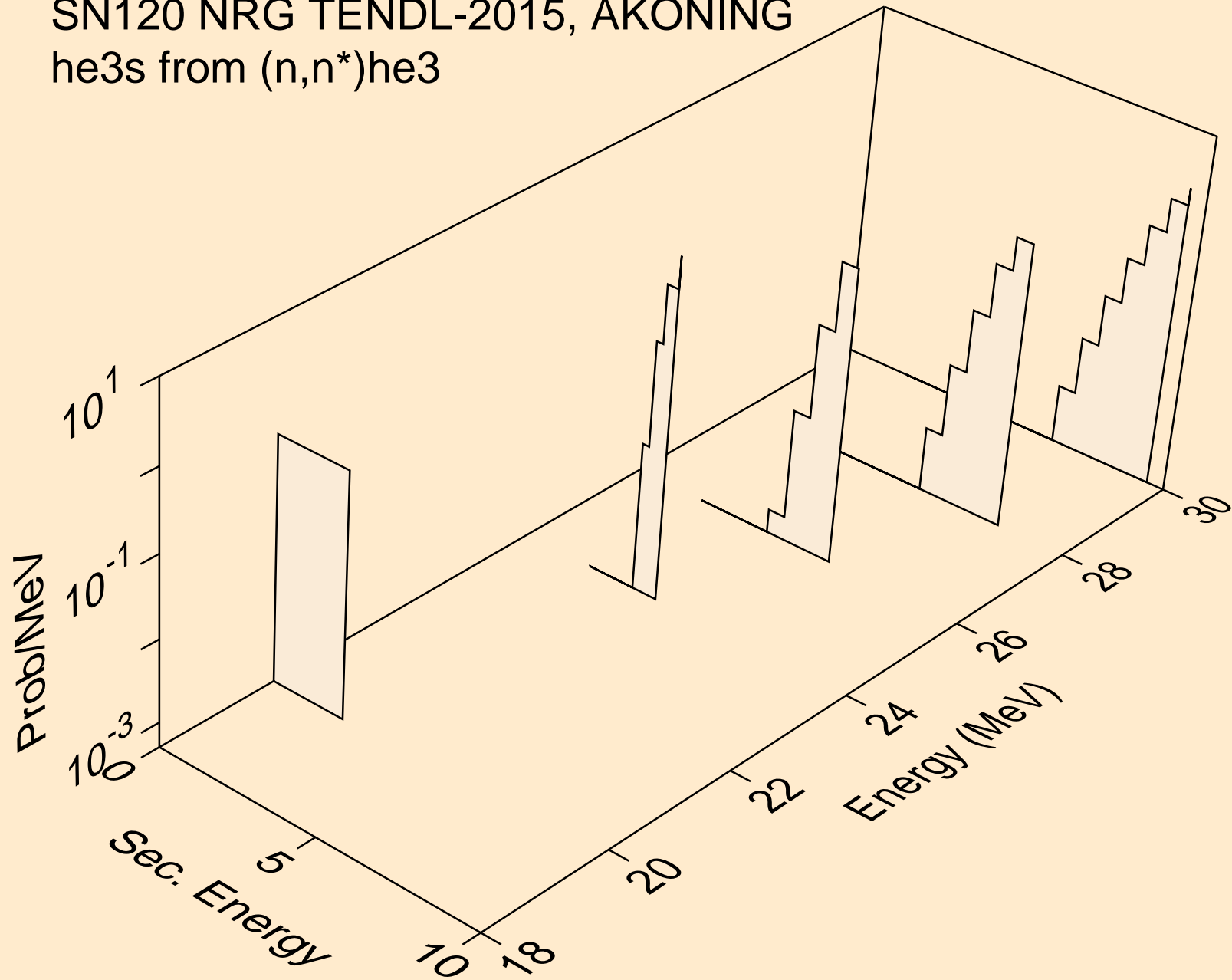




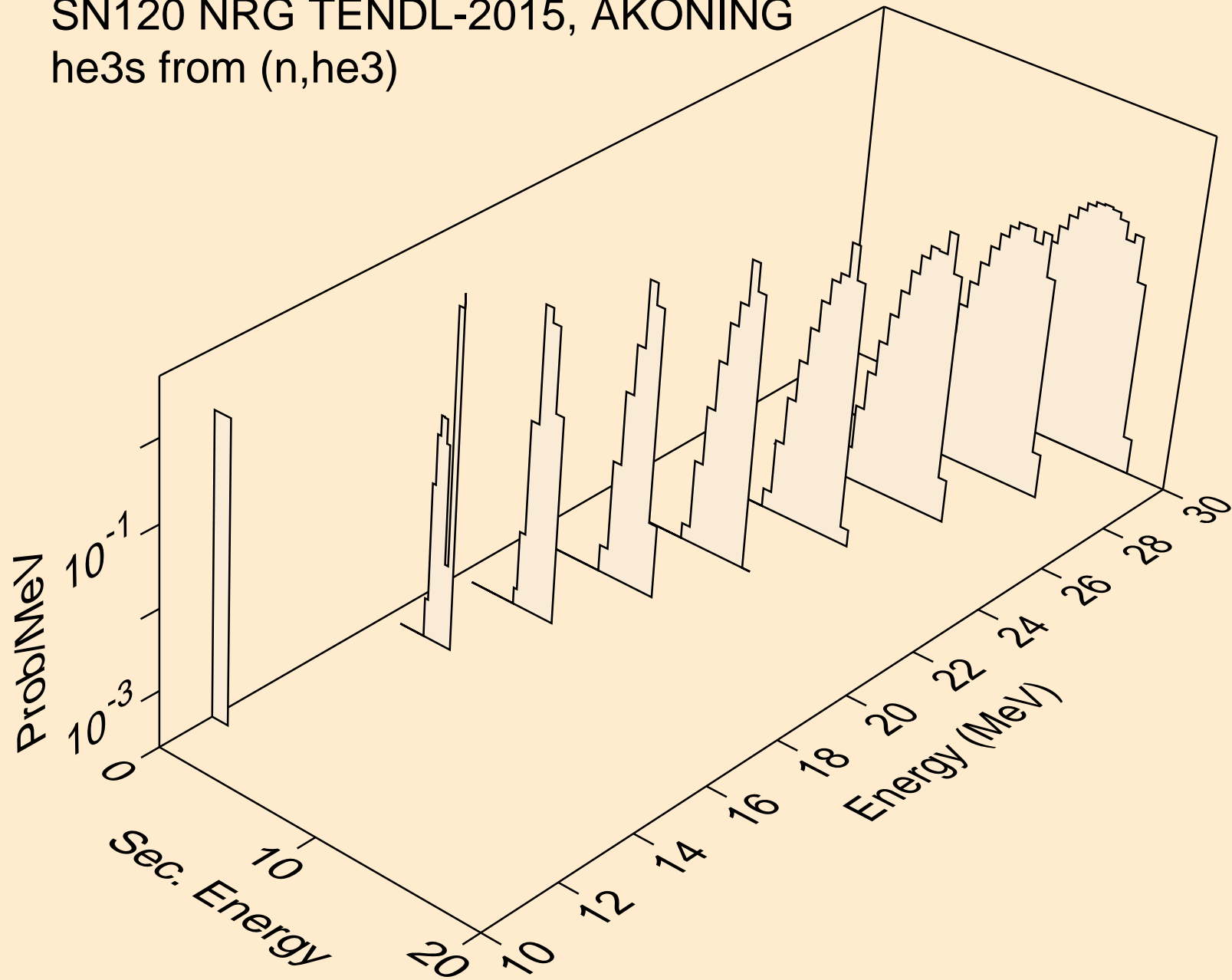
SN120 NRG TENDL-2015, AKONING  
he3s from (n,x)



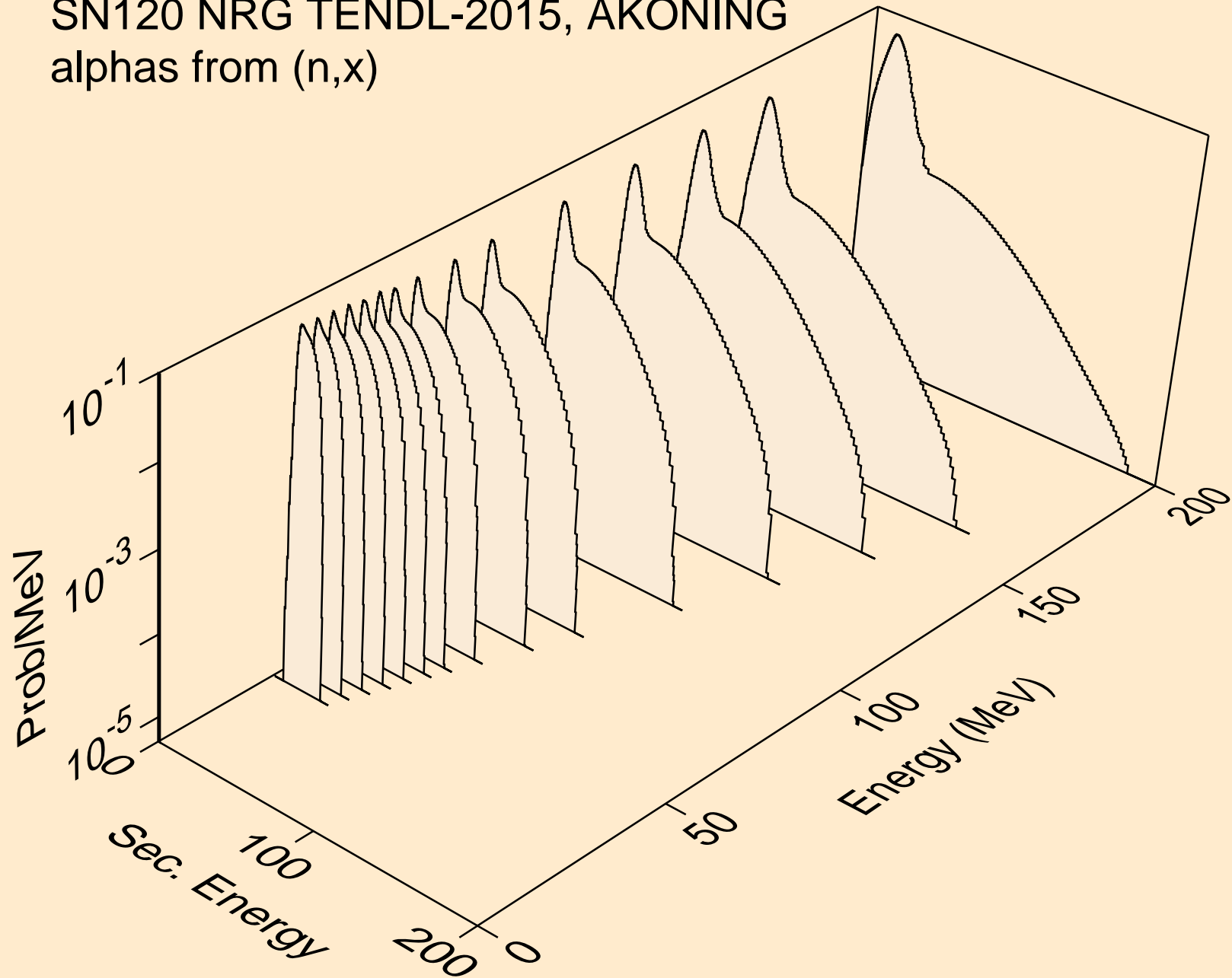
SN120 NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



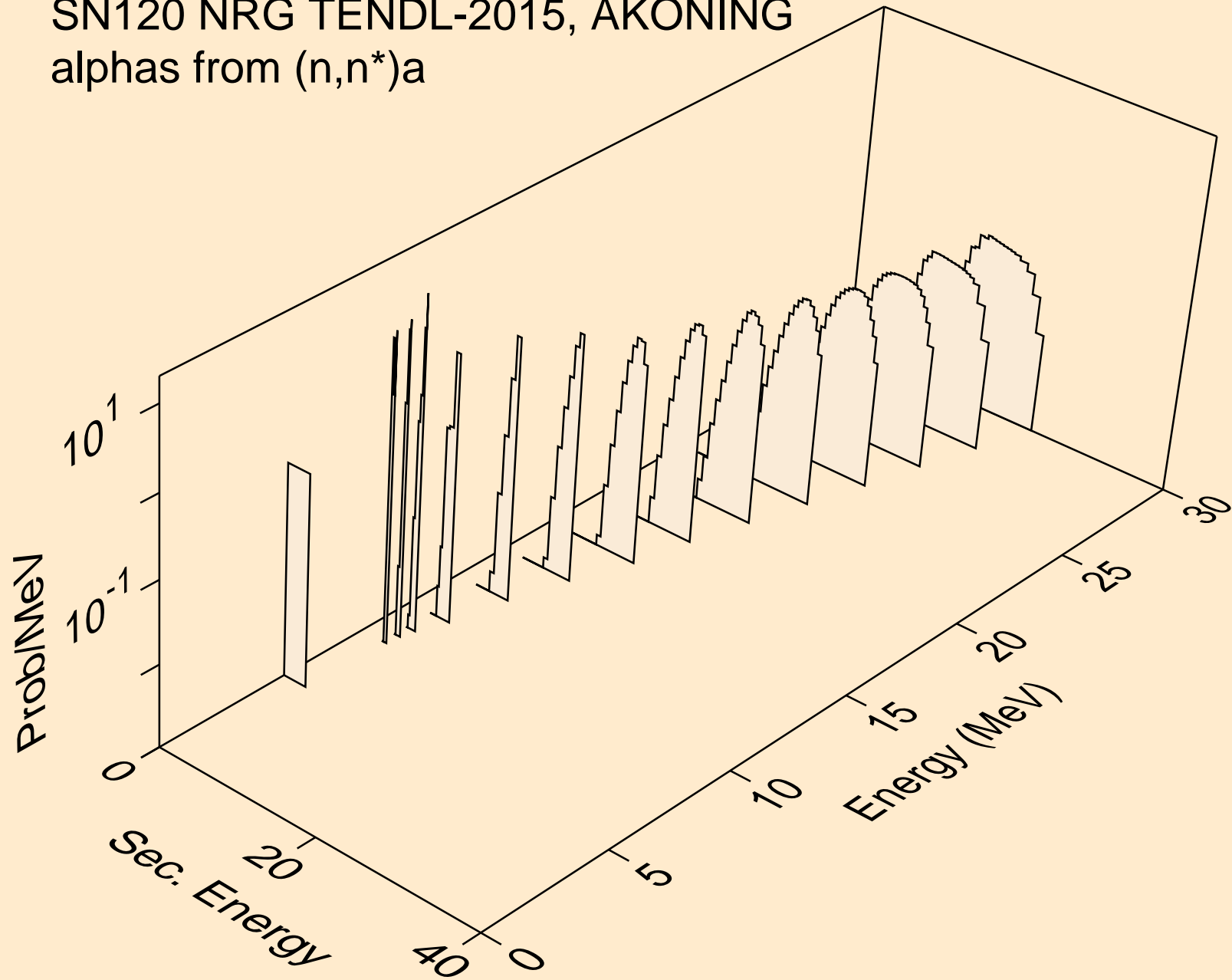
SN120 NRG TENDL-2015, AKONING  
he3s from (n,he3)



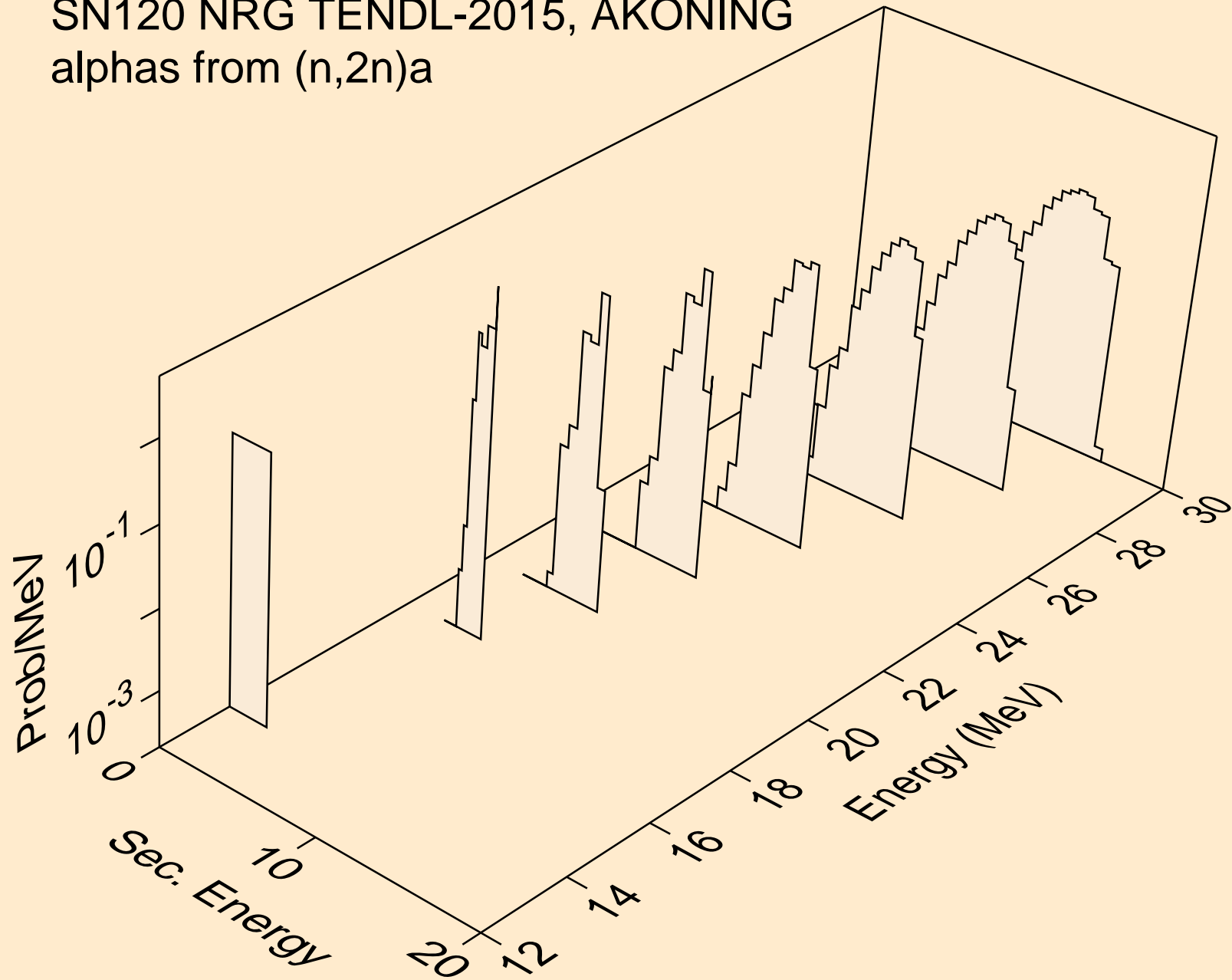
SN120 NRG TENDL-2015, AKONING  
alphas from (n,x)



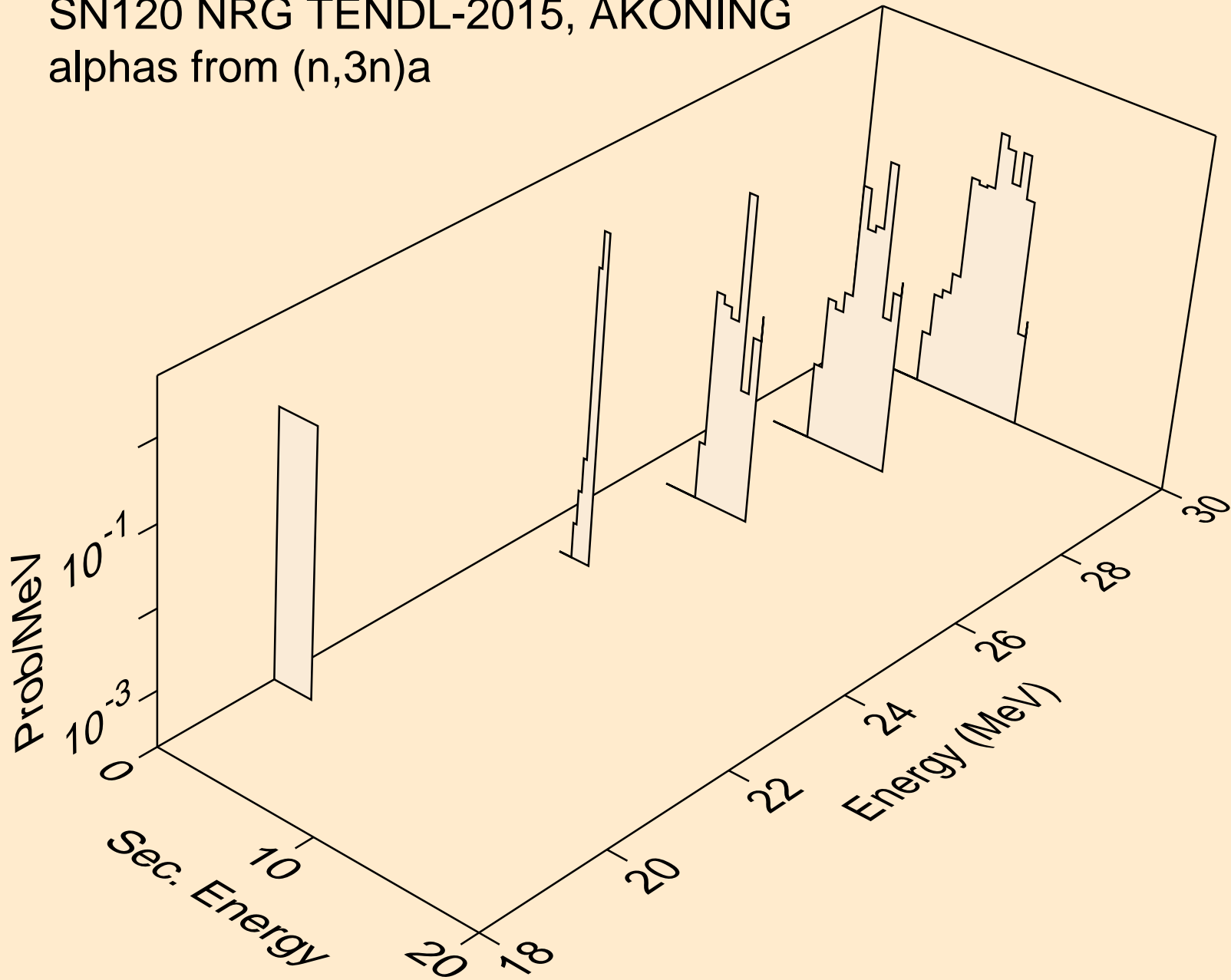
SN120 NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



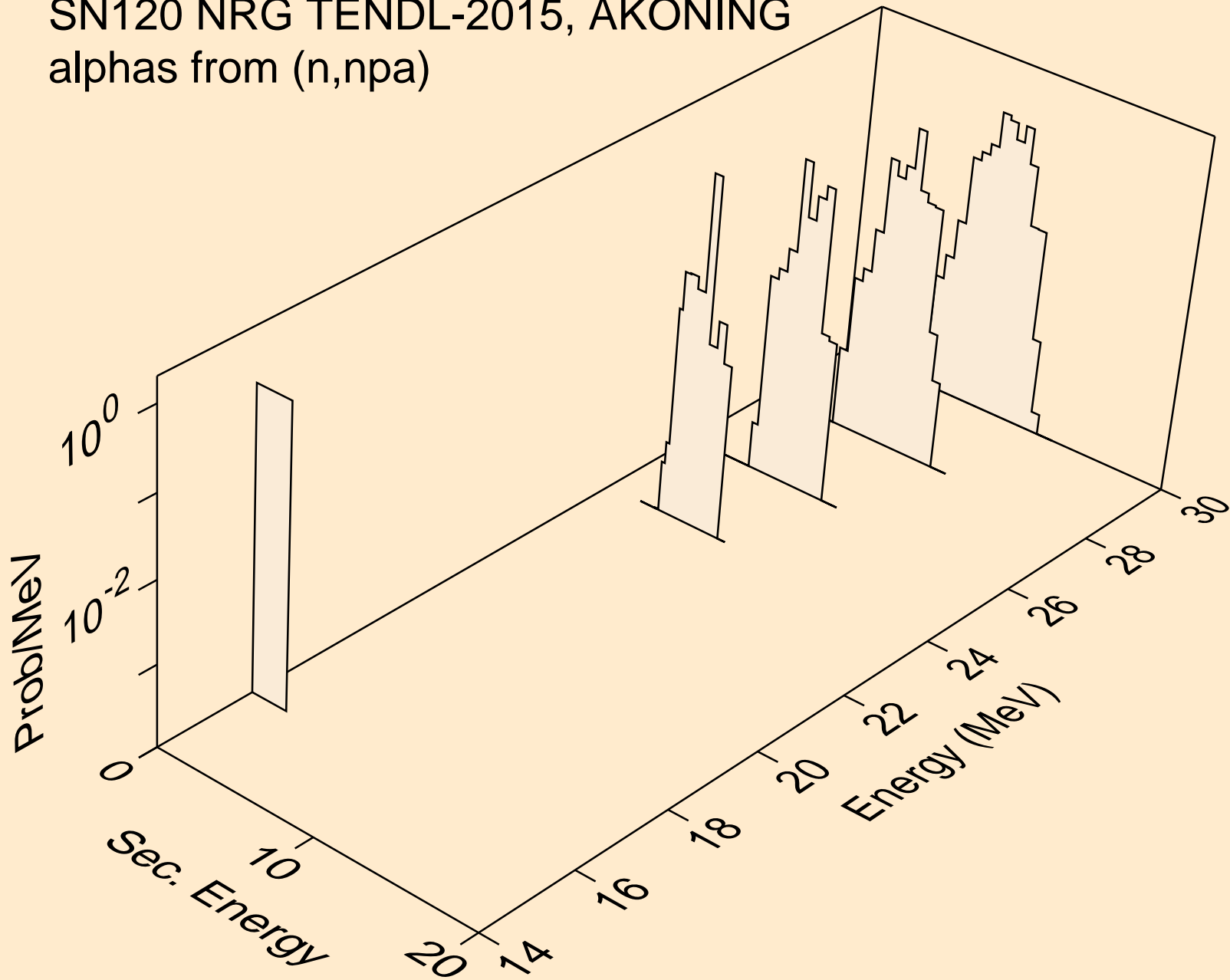
SN120 NRG TENDL-2015, AKONING  
alphas from (n,2n)a



SN120 NRG TENDL-2015, AKONING  
alphas from (n,3n)a

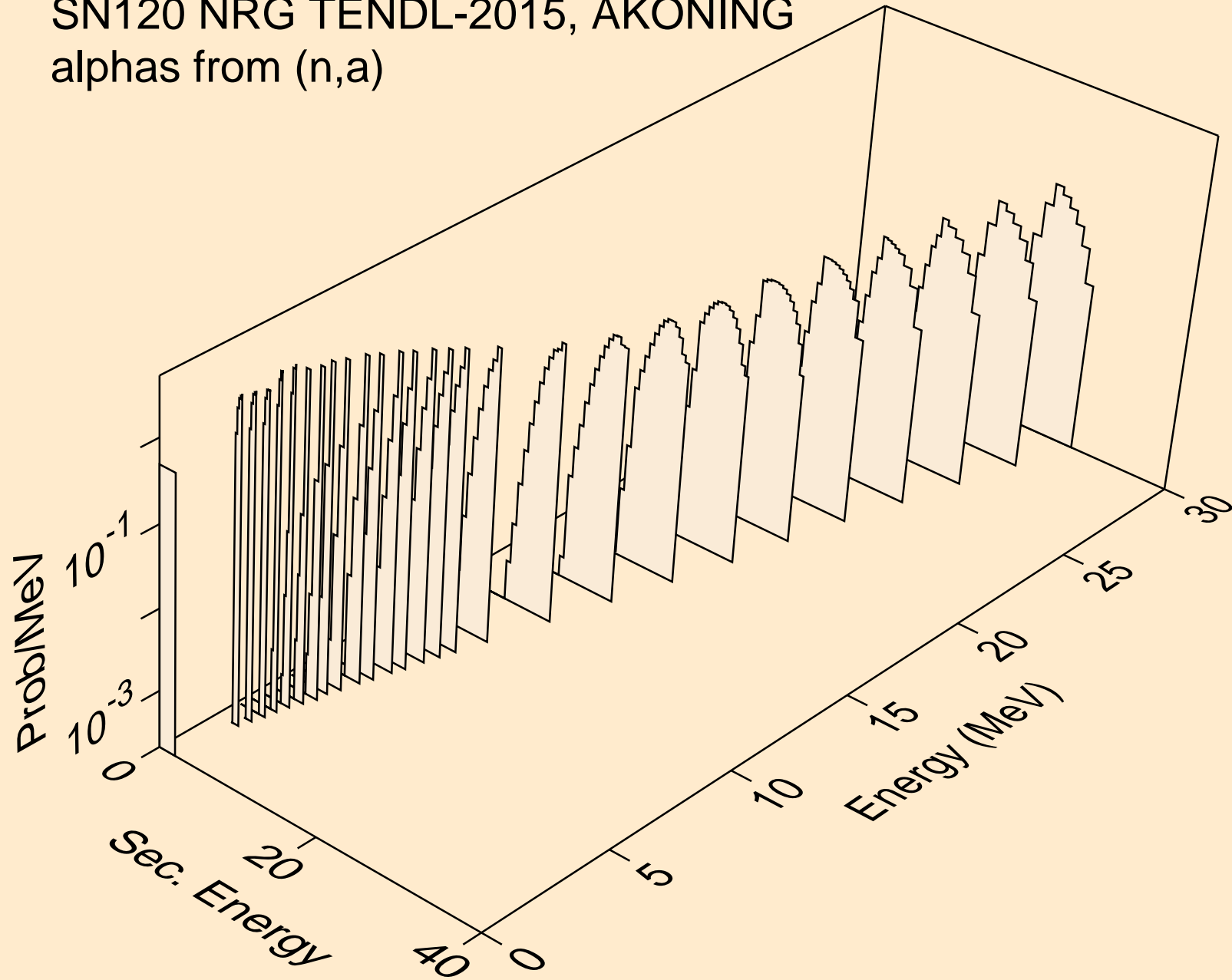


SN120 NRG TENDL-2015, AKONING  
alphas from (n,npa)

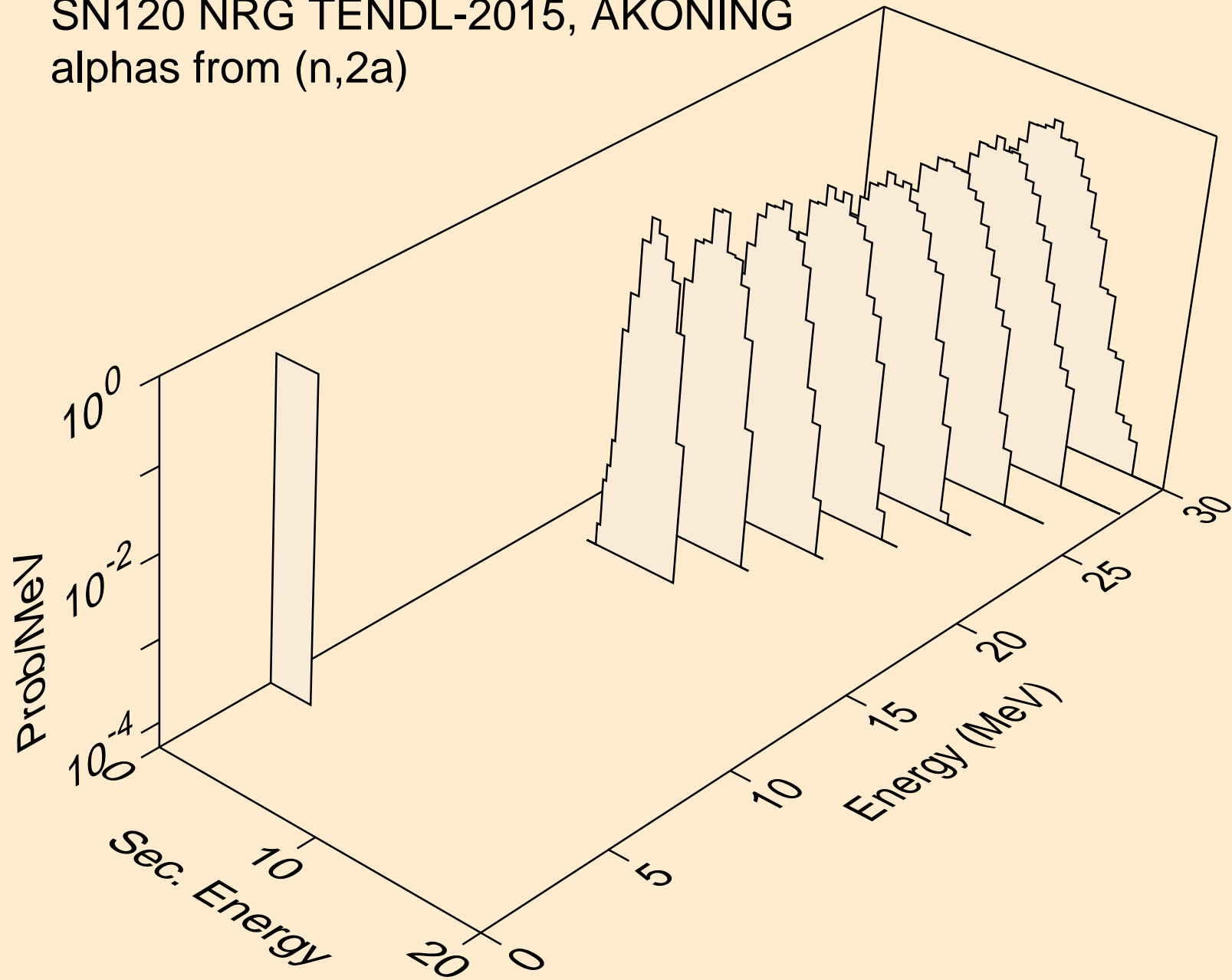




SN120 NRG TENDL-2015, AKONING  
alphas from (n,a)



SN120 NRG TENDL-2015, AKONING  
alphas from (n,2a)



SN120 NRG TENDL-2015, AKONING  
alphas from (n,pa)

