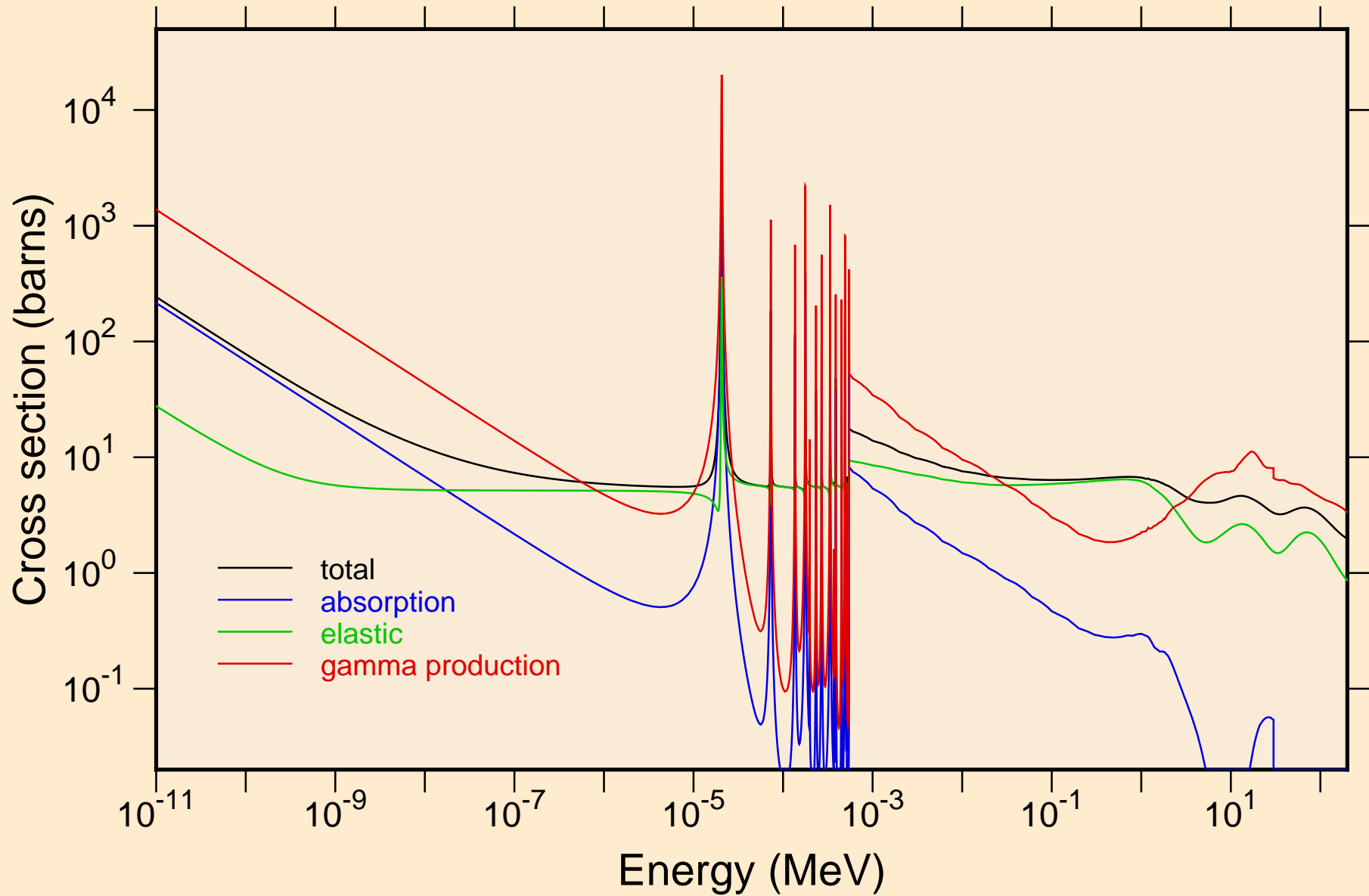
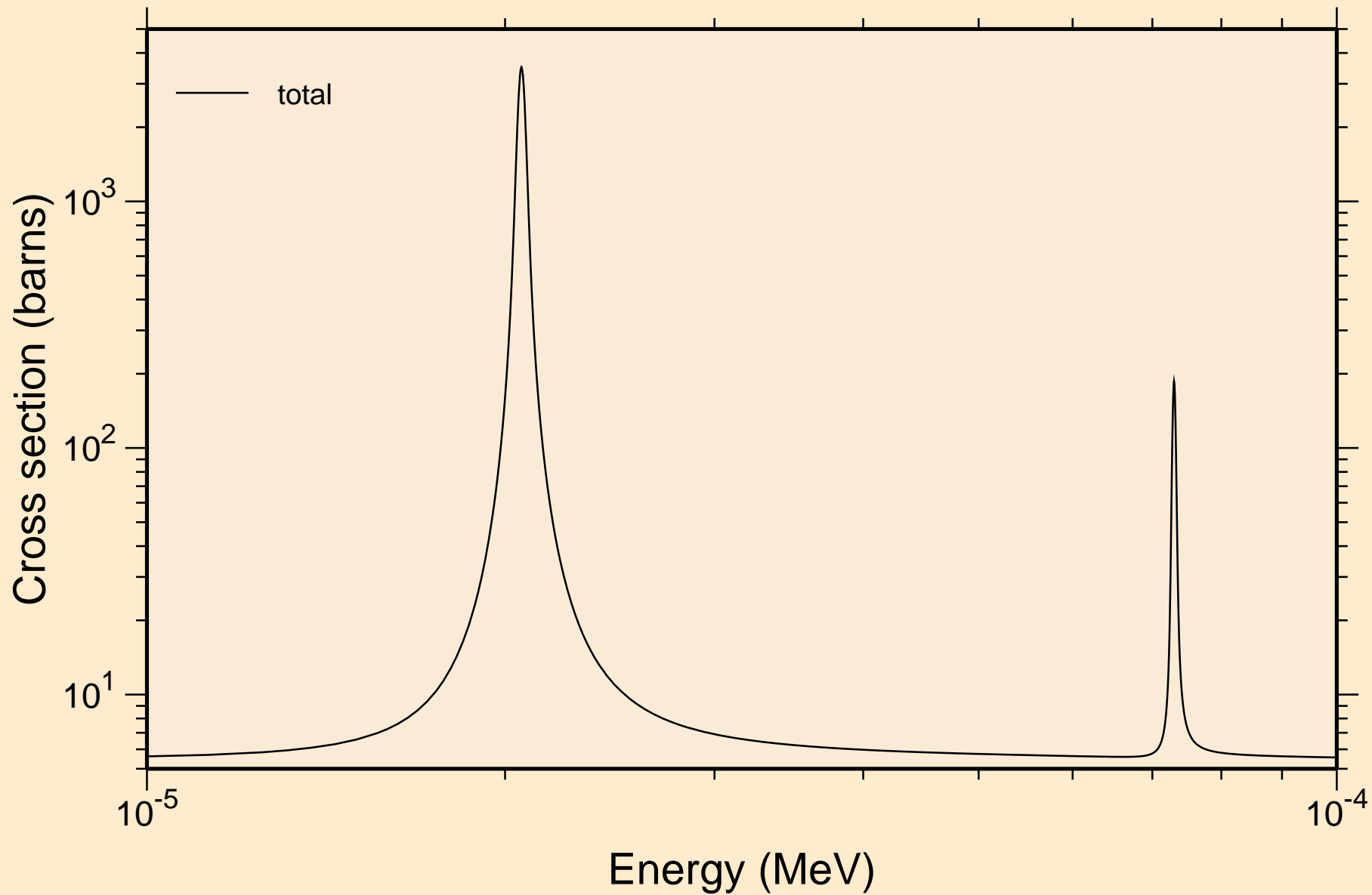


# SN119M NRG TENDL-2015, AKONING

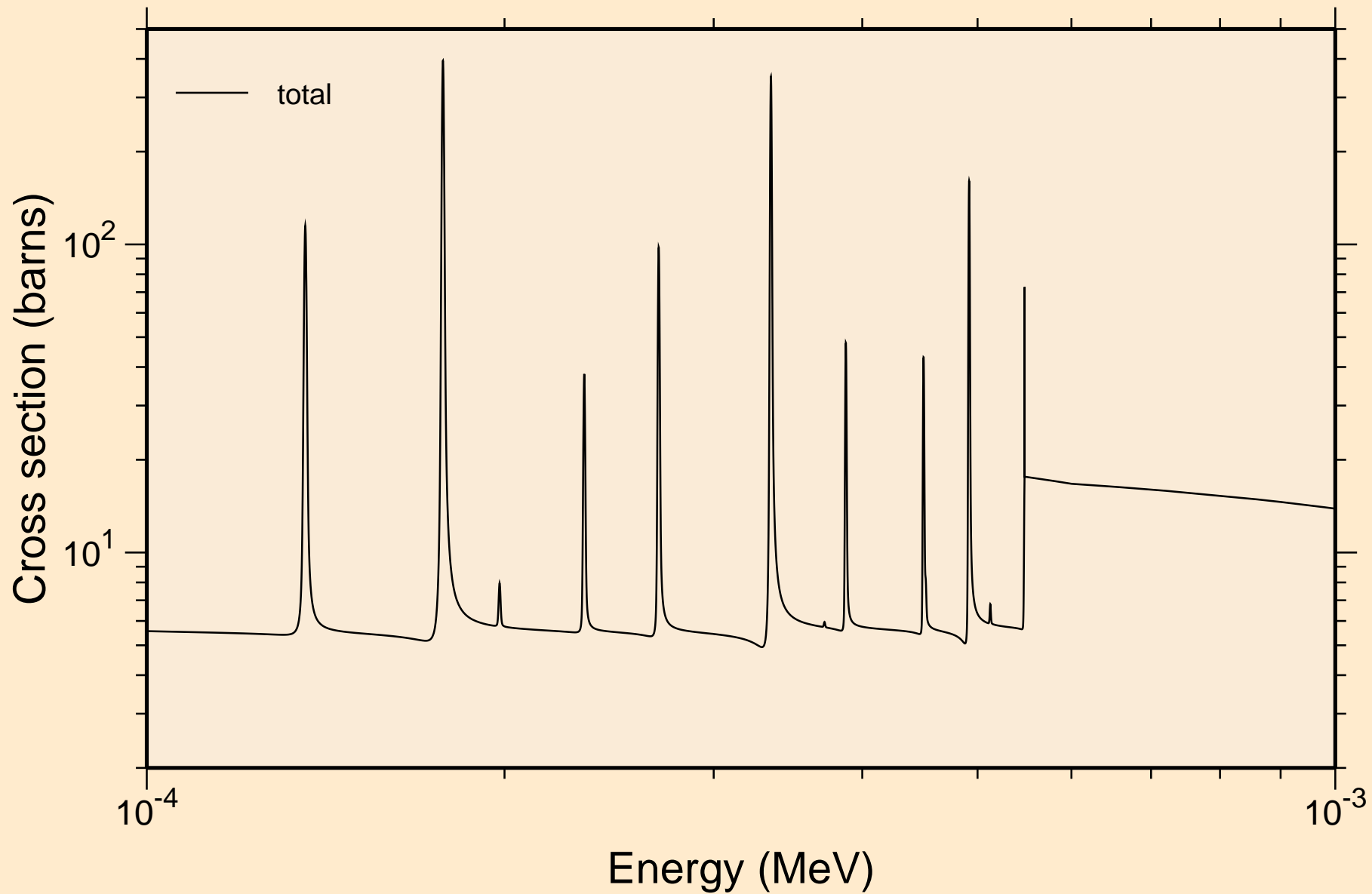
## Principal cross sections



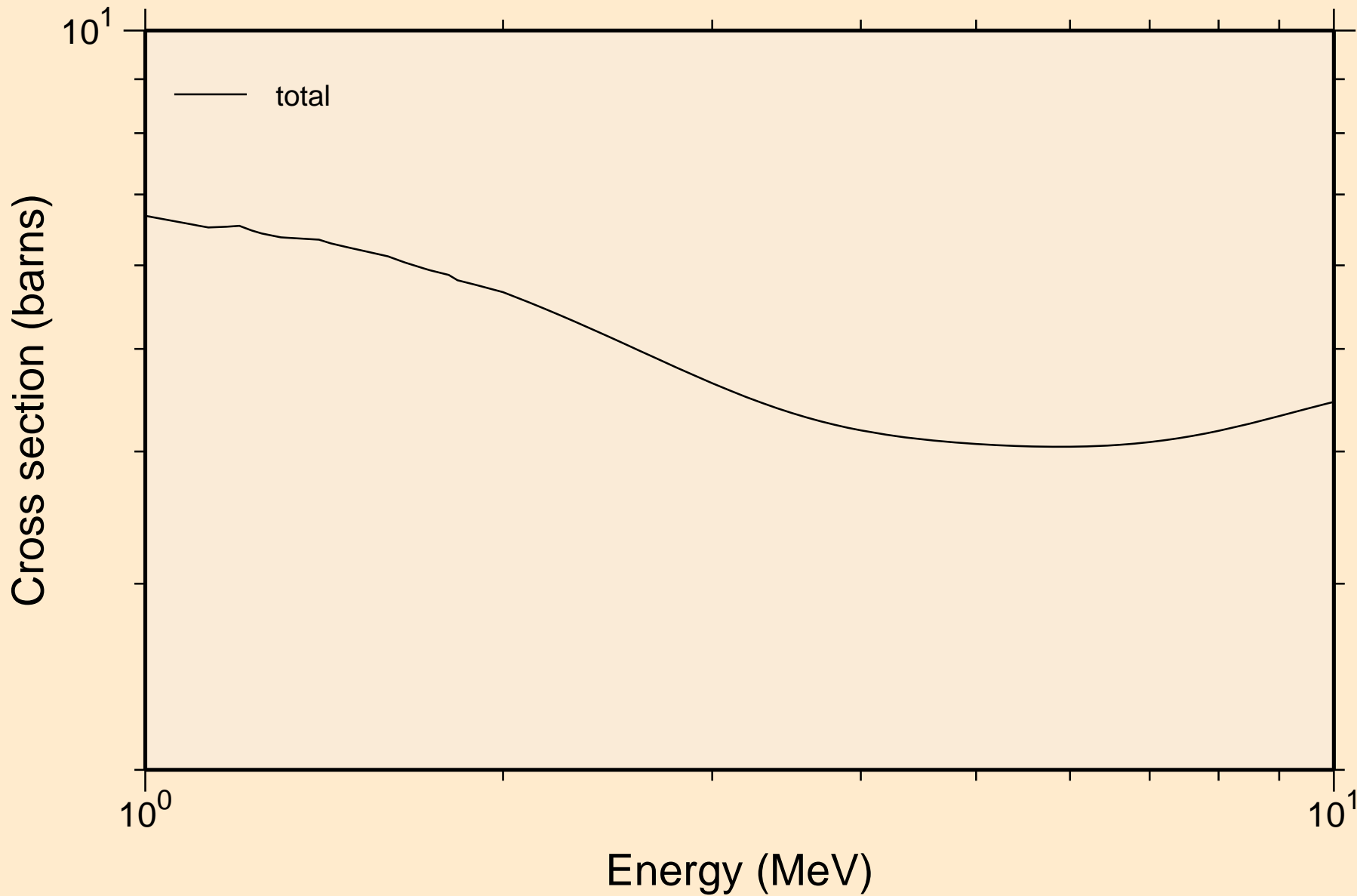
SN119M NRG TENDL-2015, AKONING  
resonance total cross section



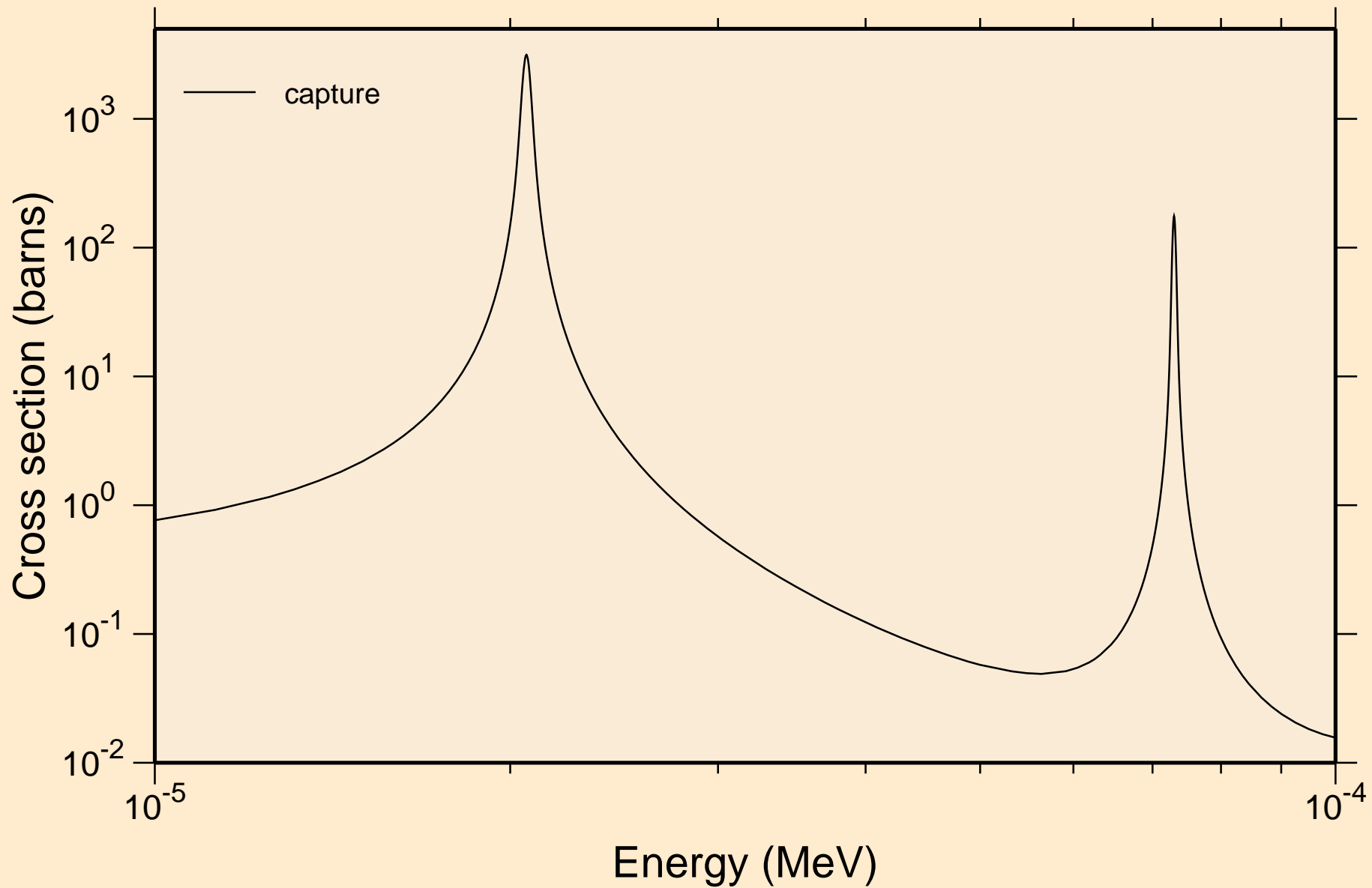
SN119M NRG TENDL-2015, AKONING  
resonance total cross section



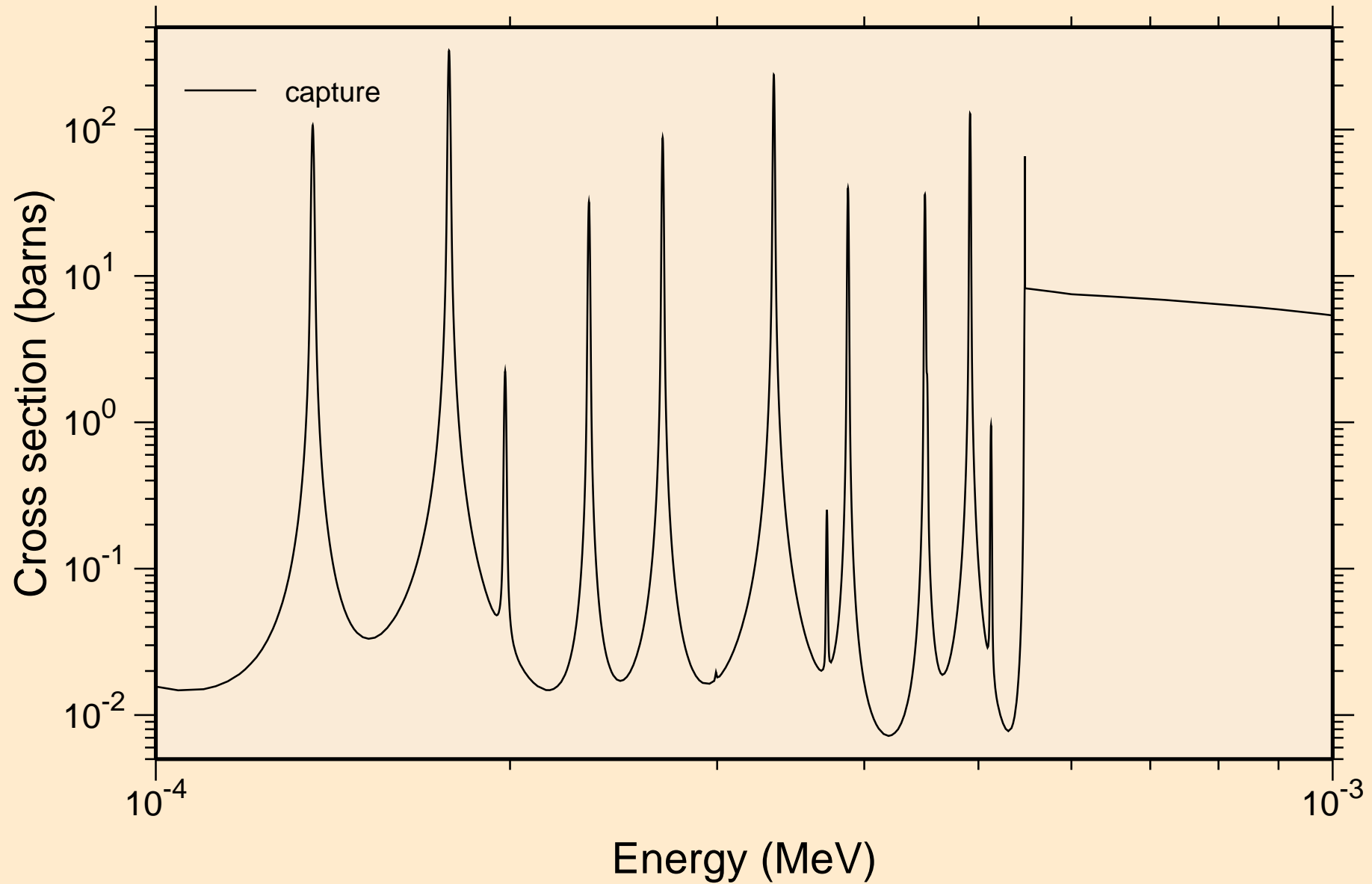
SN119M NRG TENDL-2015, AKONING  
resonance total cross section



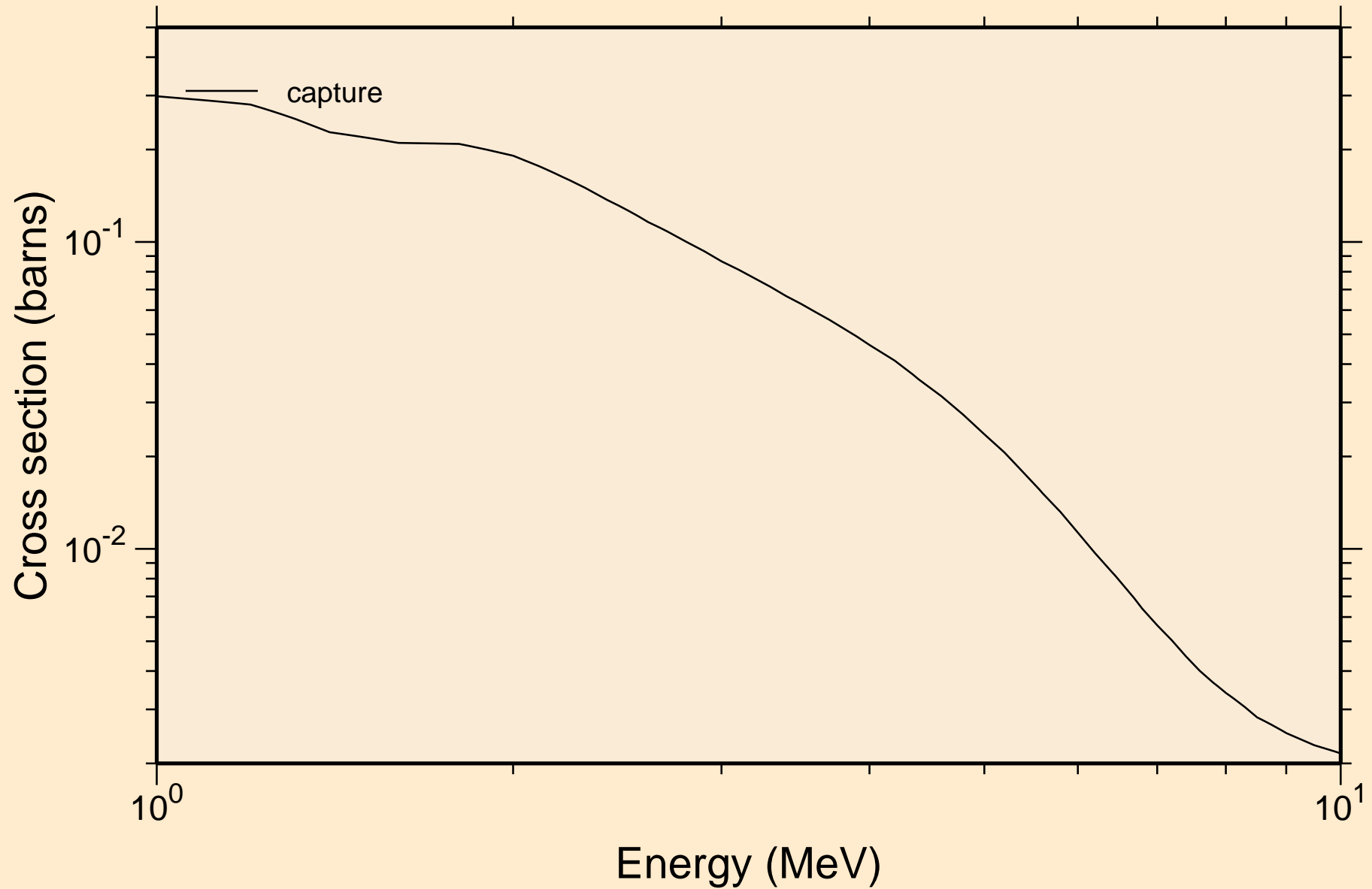
# SN119M NRG TENDL-2015, AKONING resonance absorption cross sections



# SN119M NRG TENDL-2015, AKONING resonance absorption cross sections

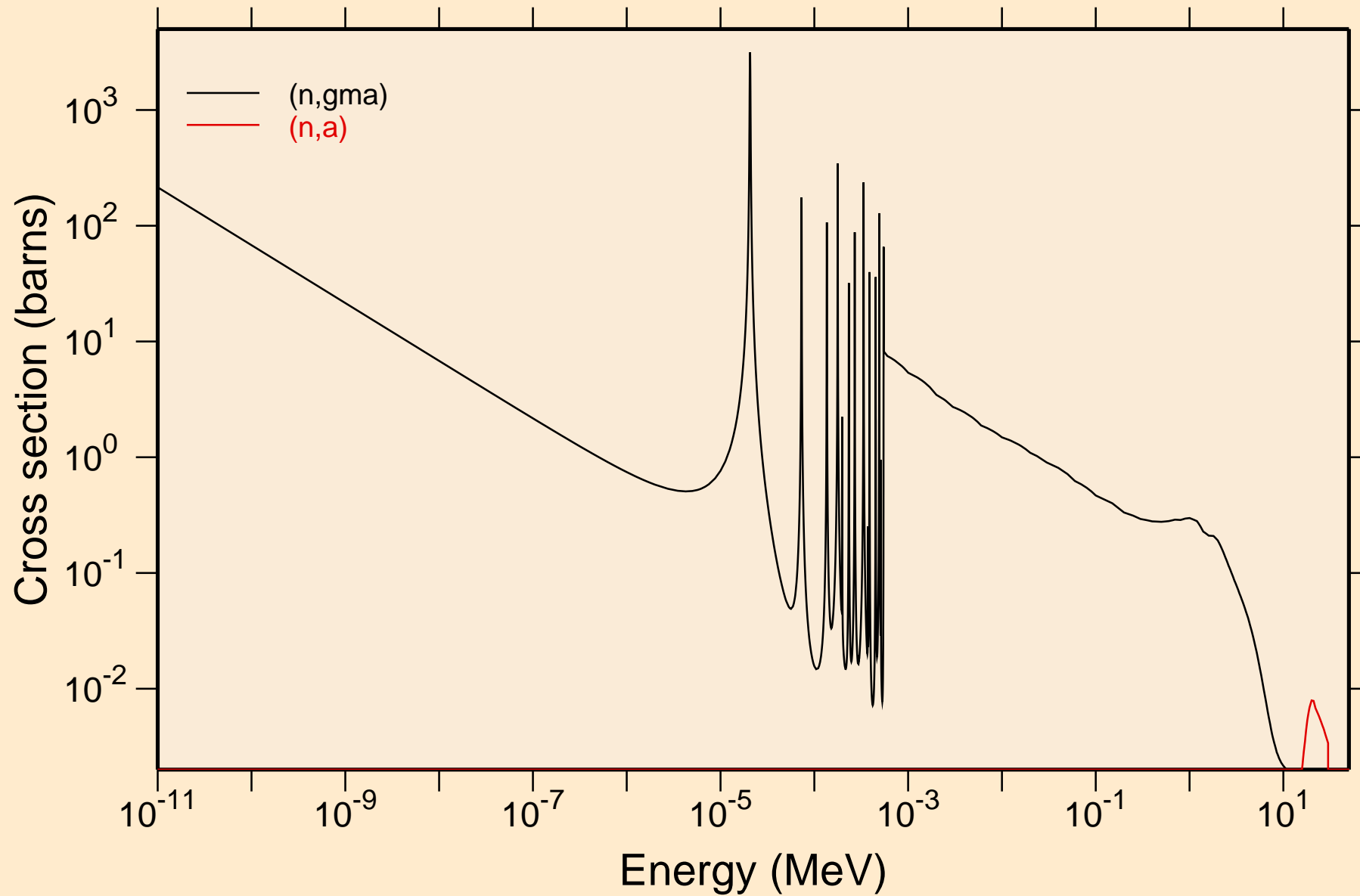


SN119M NRG TENDL-2015, AKONING  
resonance absorption cross sections



# SN119M NRG TENDL-2015, AKONING

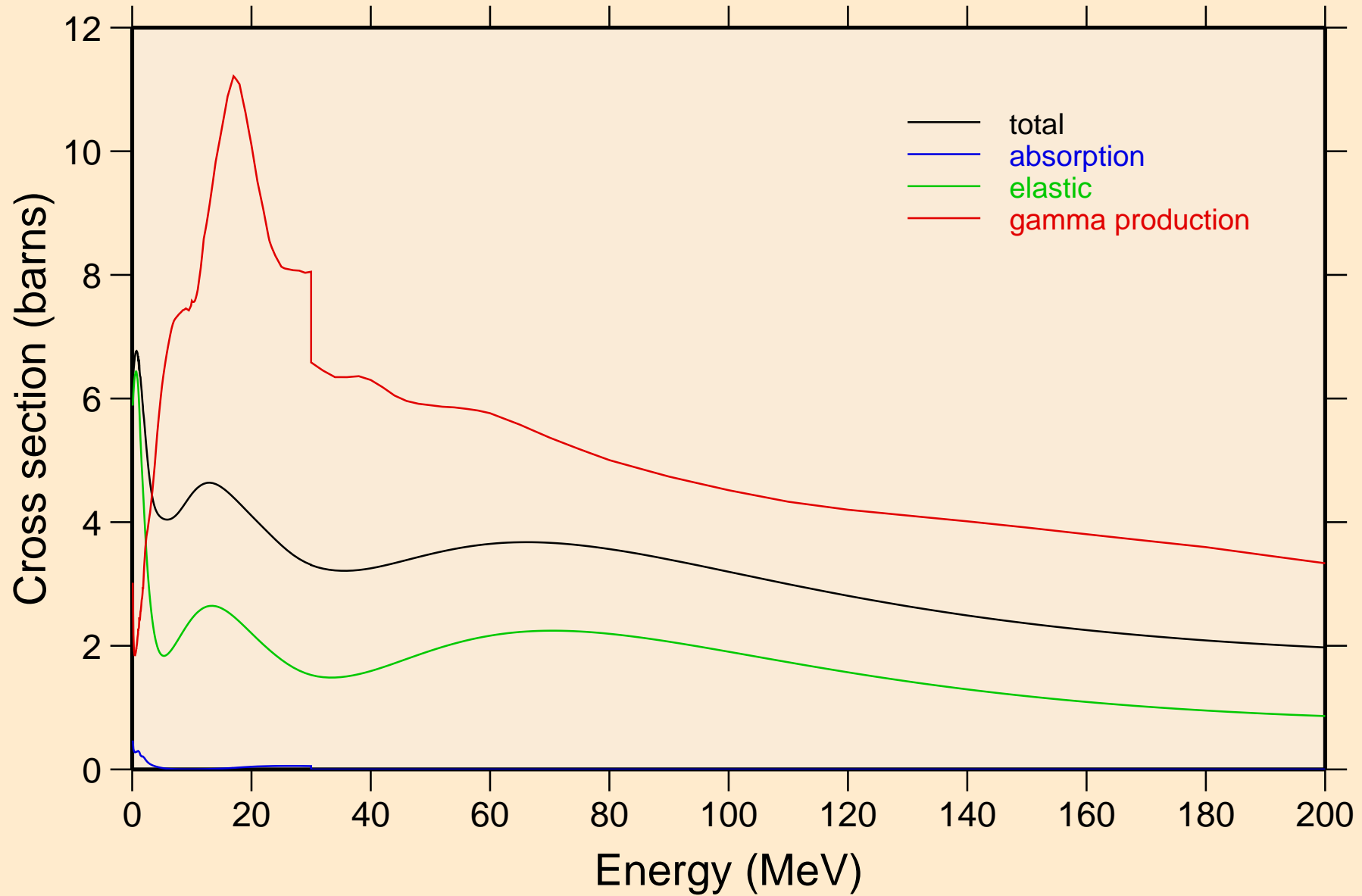
## Non-threshold reactions





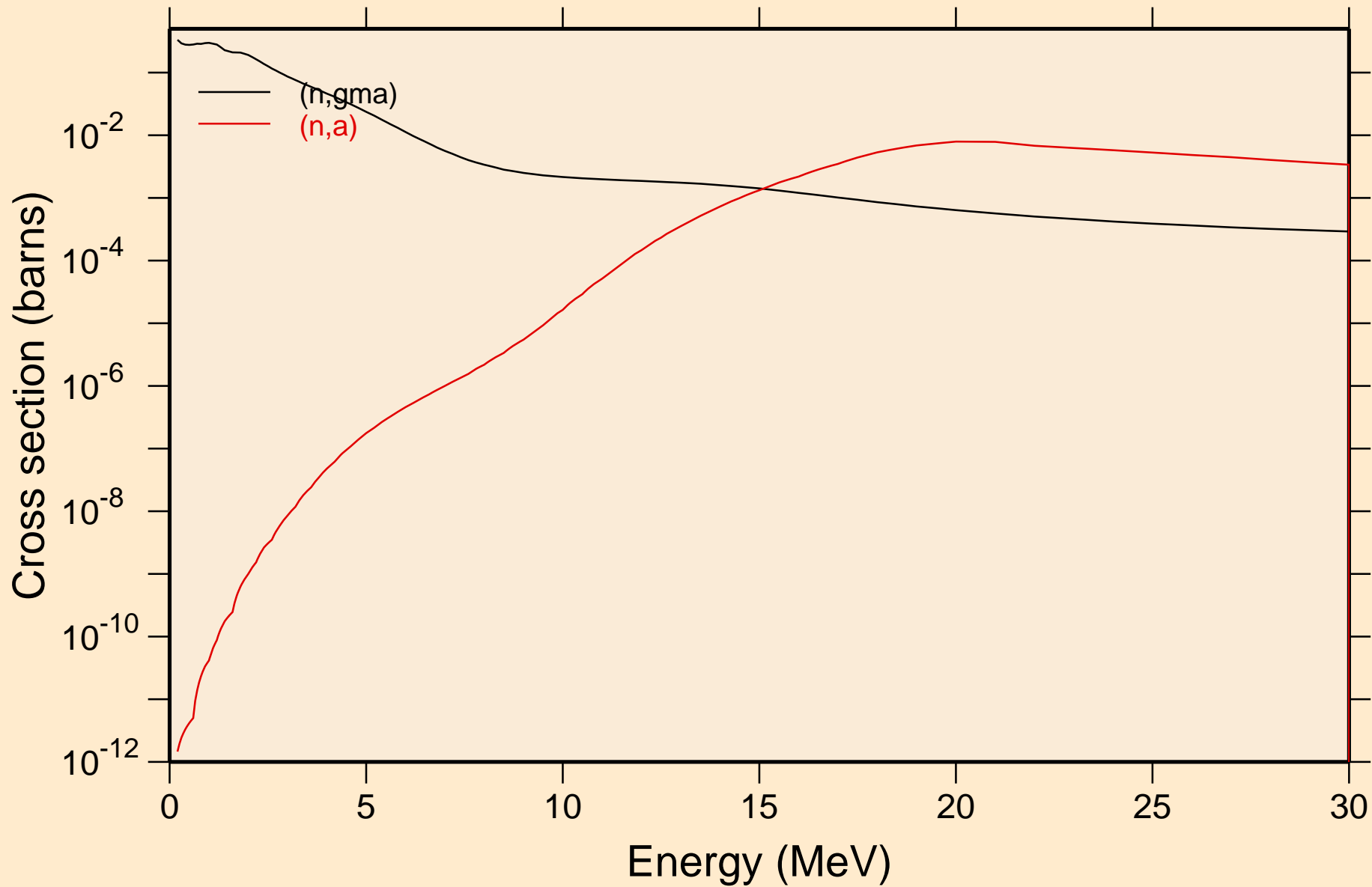
# SN119M NRG TENDL-2015, AKONING

## Principal cross sections



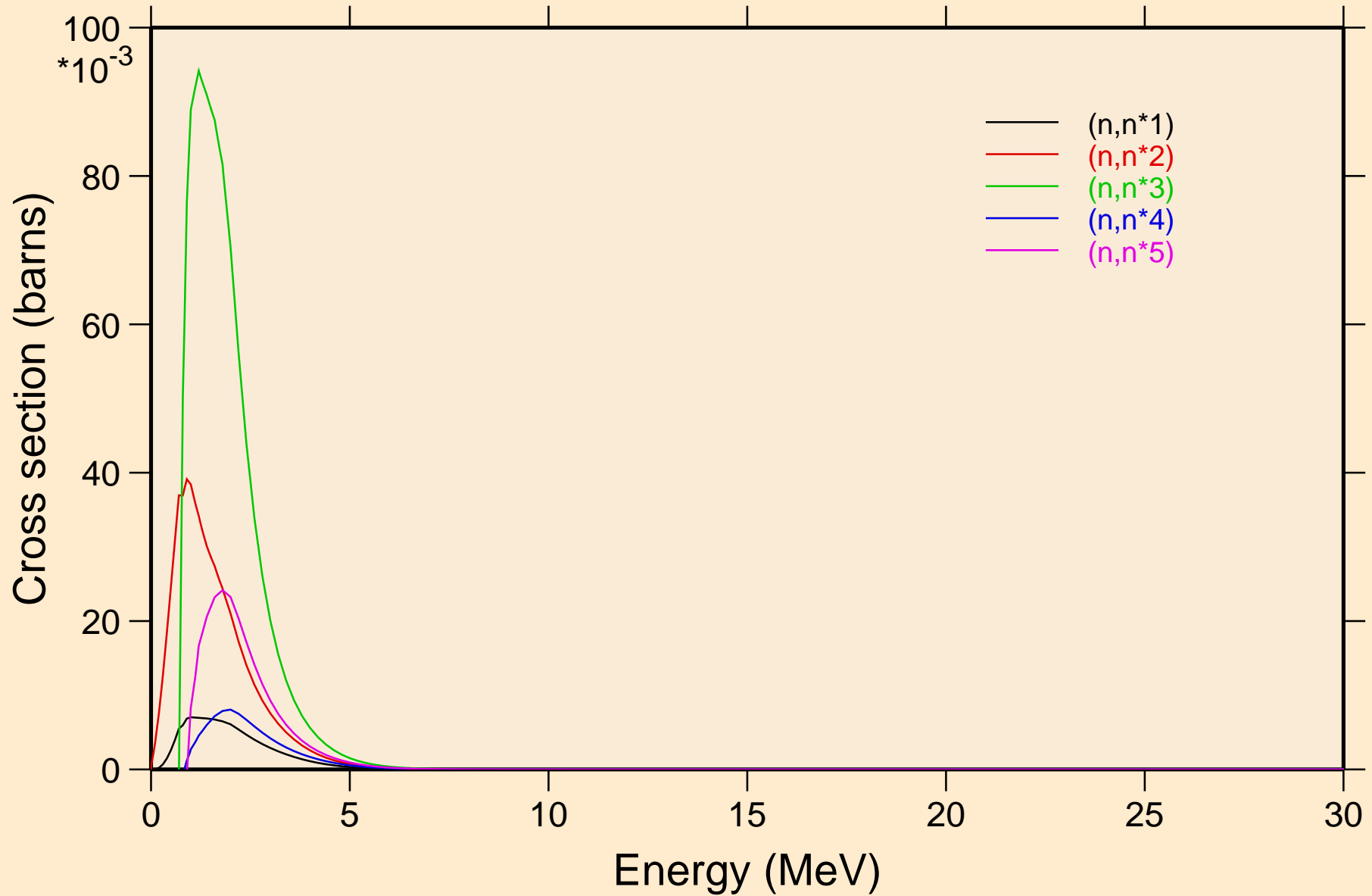
# SN119M NRG TENDL-2015, AKONING

## Non-threshold reactions



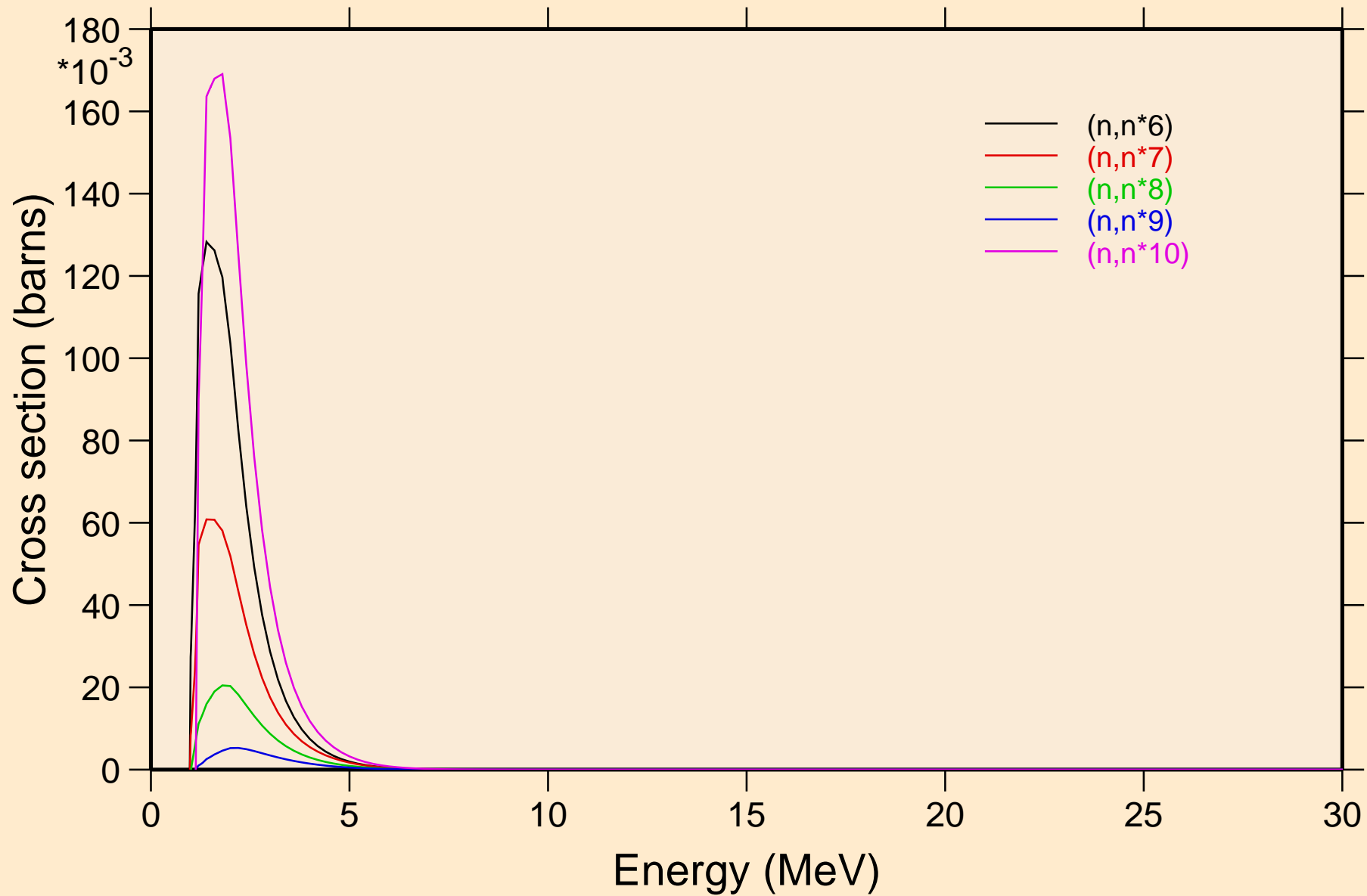
# SN119M NRG TENDL-2015, AKONING

## Inelastic levels



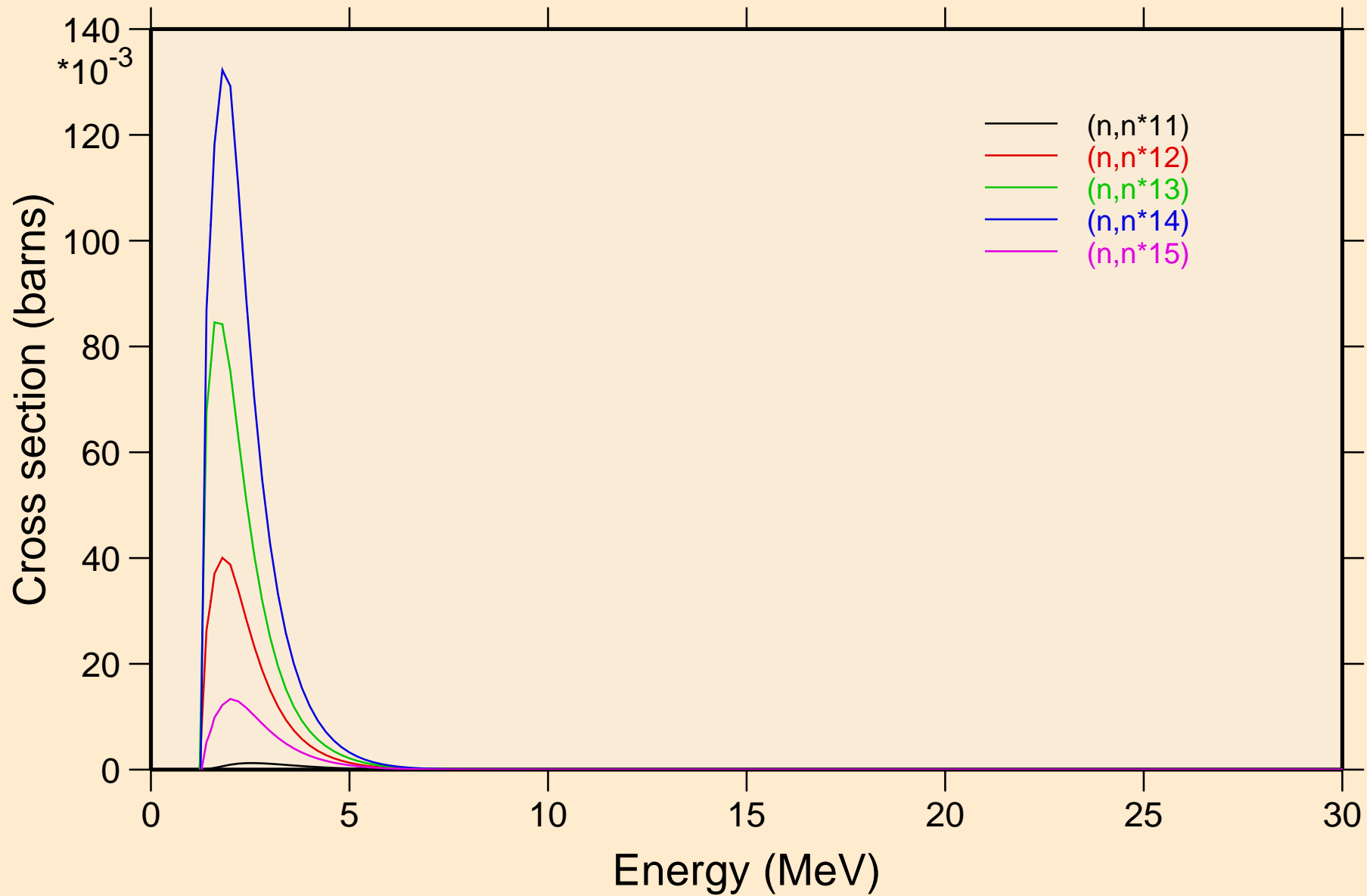
# SN119M NRG TENDL-2015, AKONING

## Inelastic levels



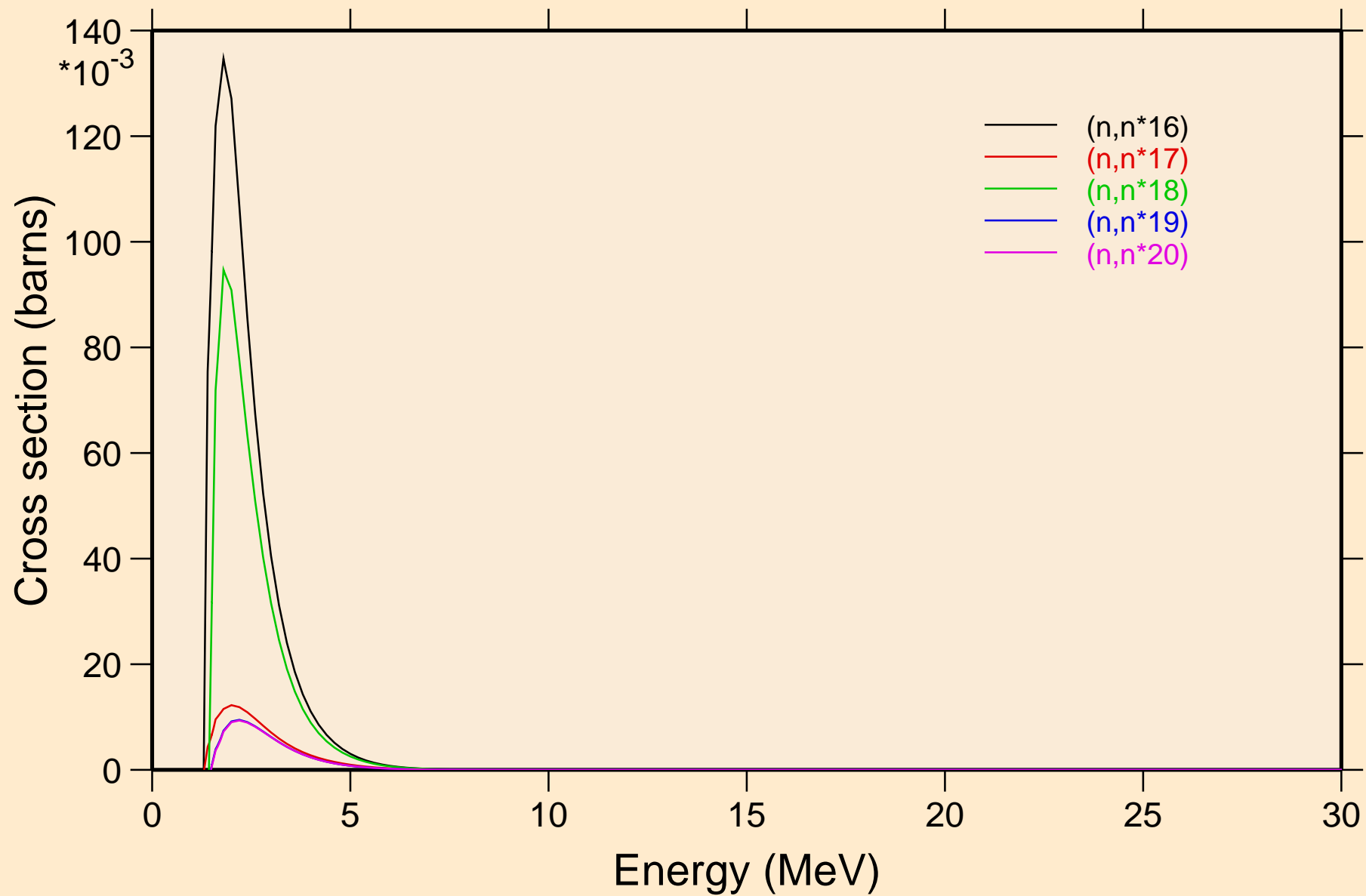
# SN119M NRG TENDL-2015, AKONING

## Inelastic levels



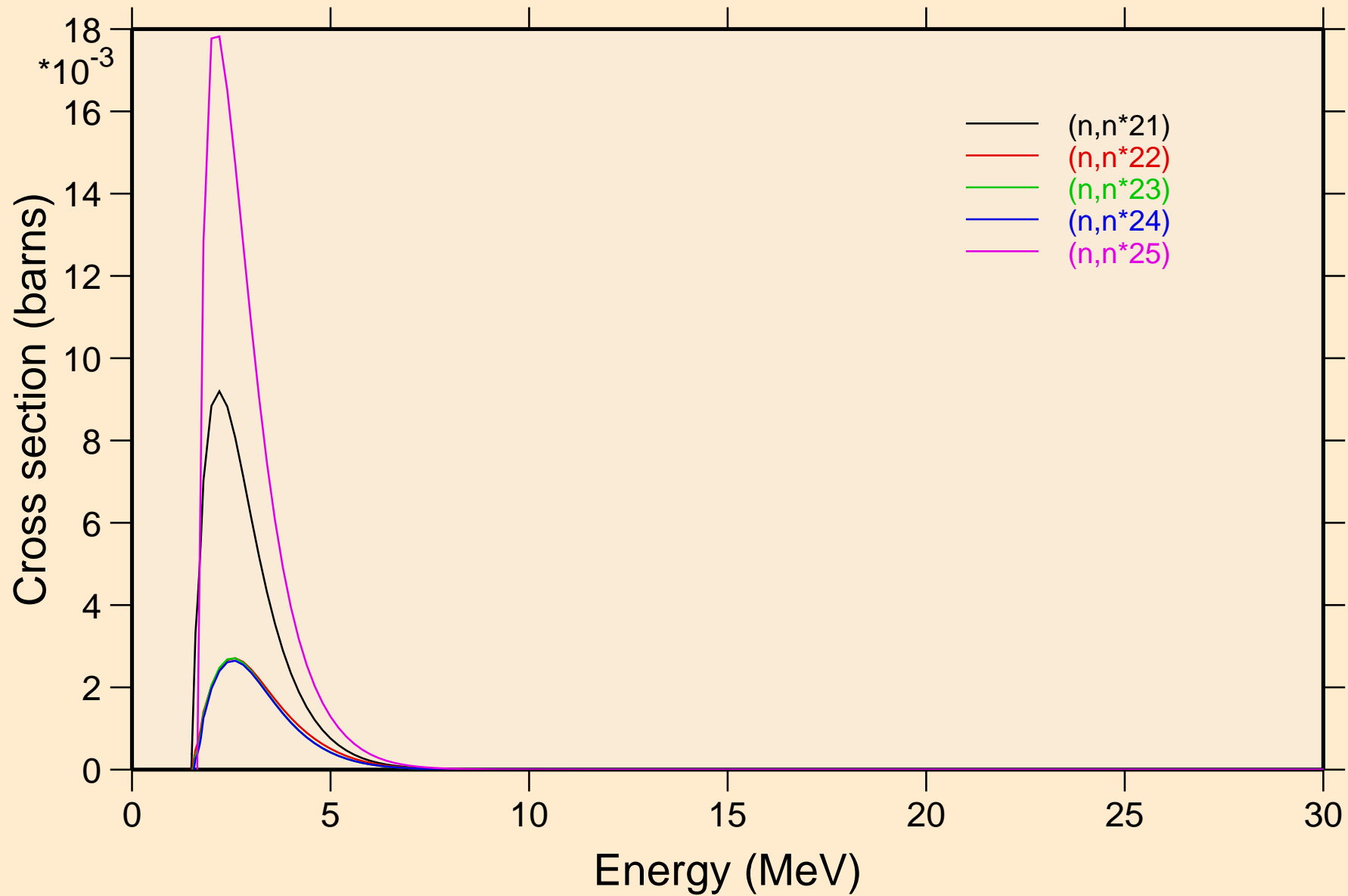
# SN119M NRG TENDL-2015, AKONING

## Inelastic levels



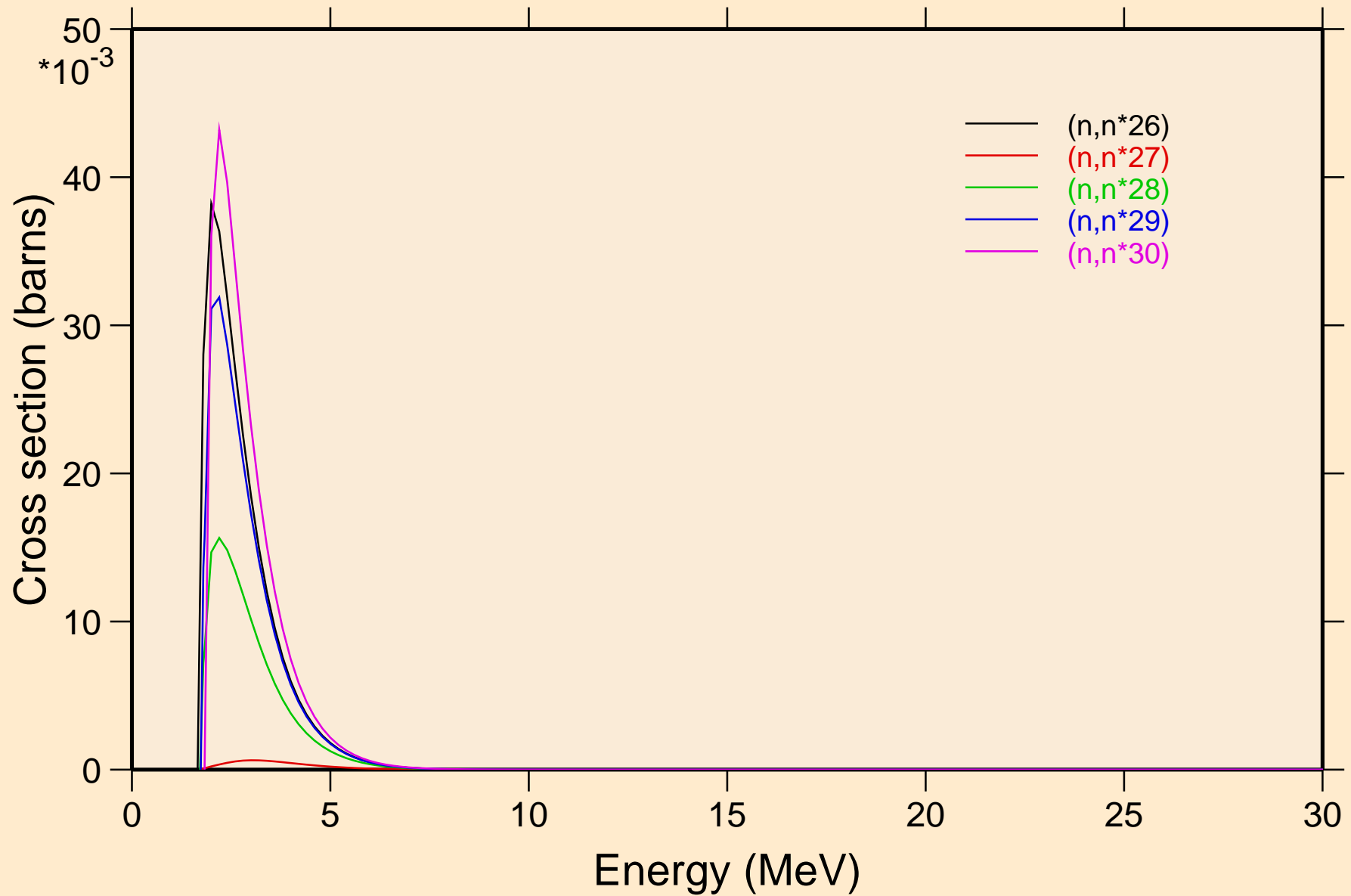
# SN119M NRG TENDL-2015, AKONING

## Inelastic levels



# SN119M NRG TENDL-2015, AKONING

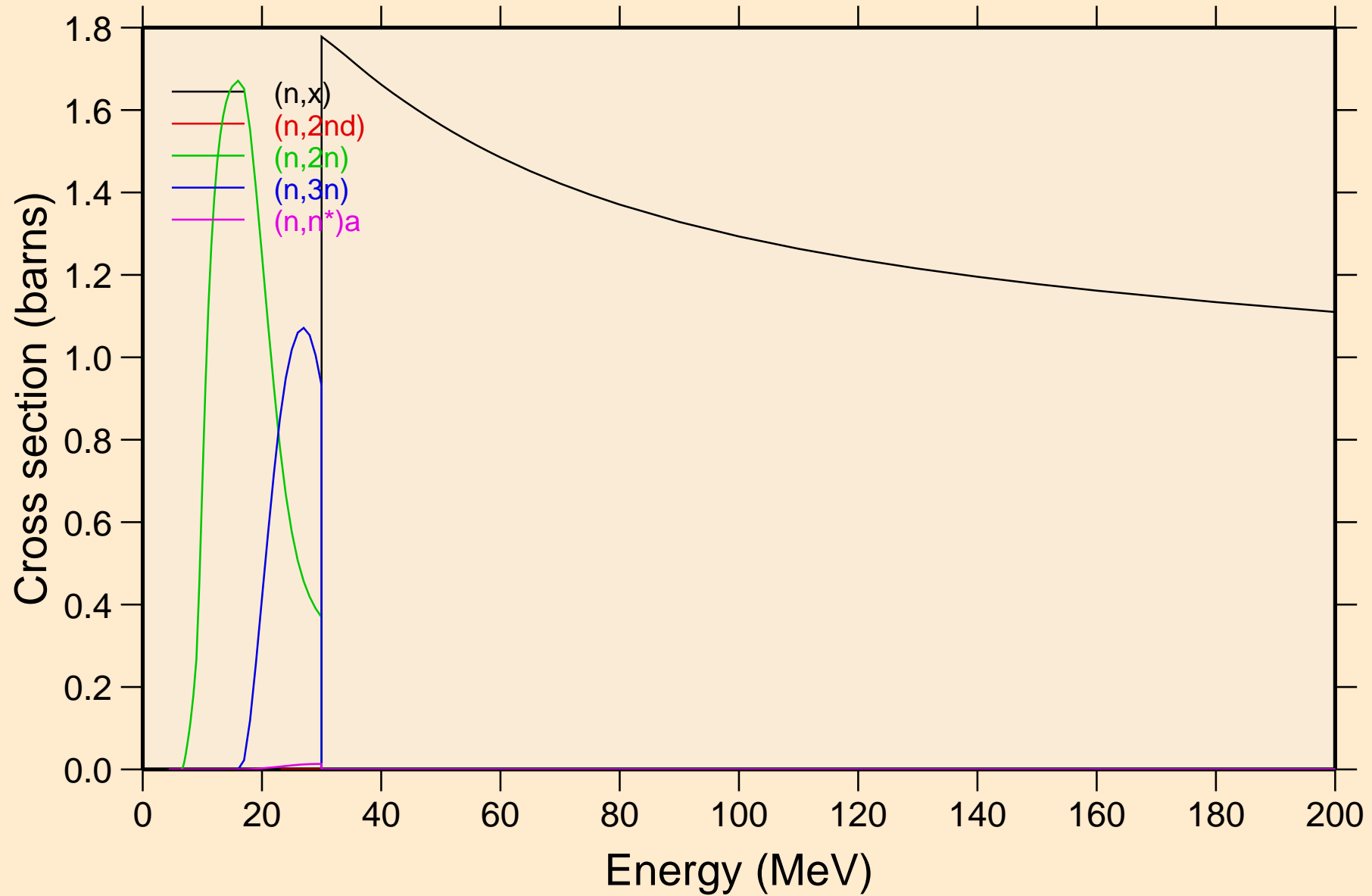
## Inelastic levels





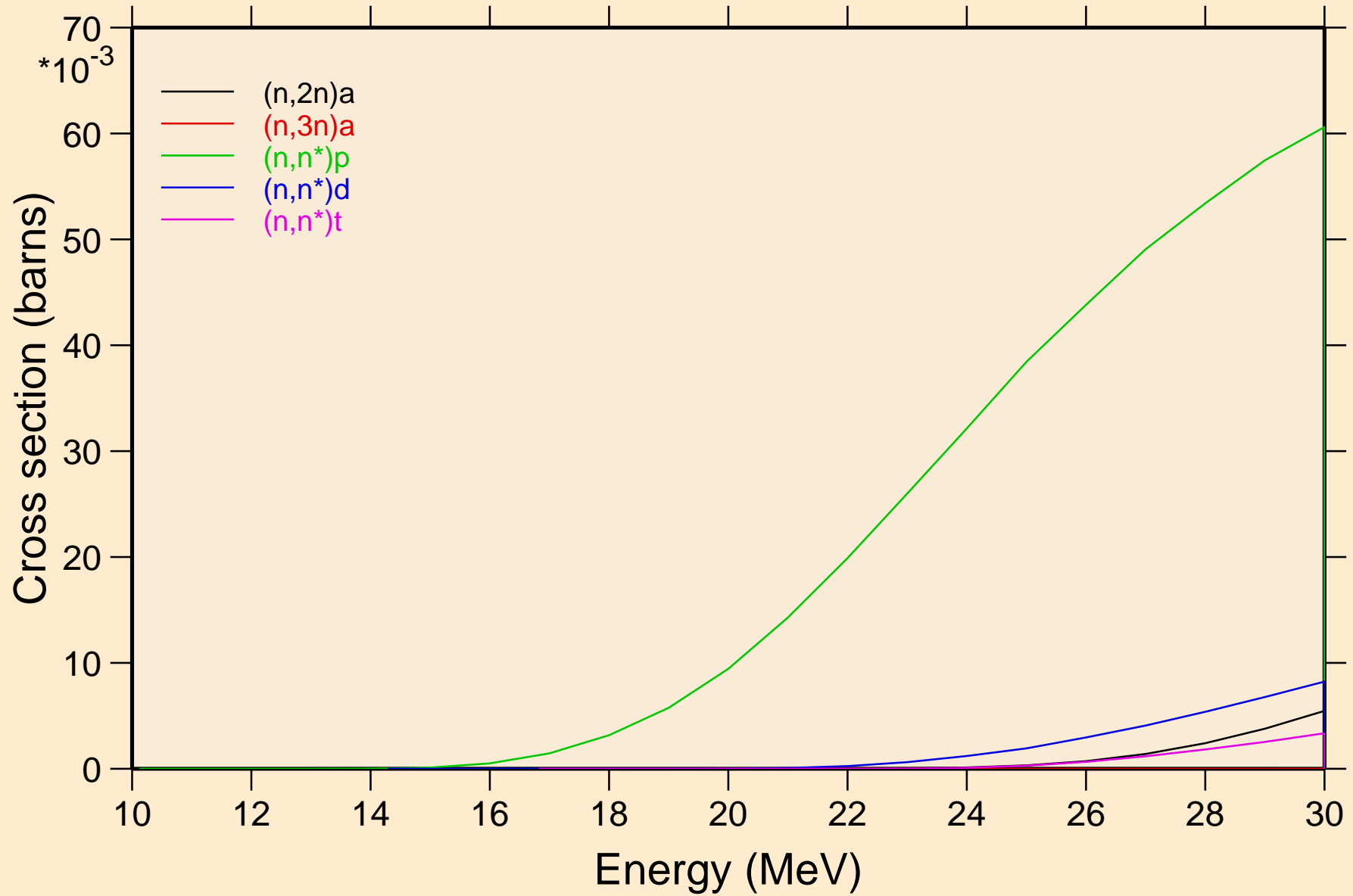
# SN119M NRG TENDL-2015, AKONING

## Threshold reactions



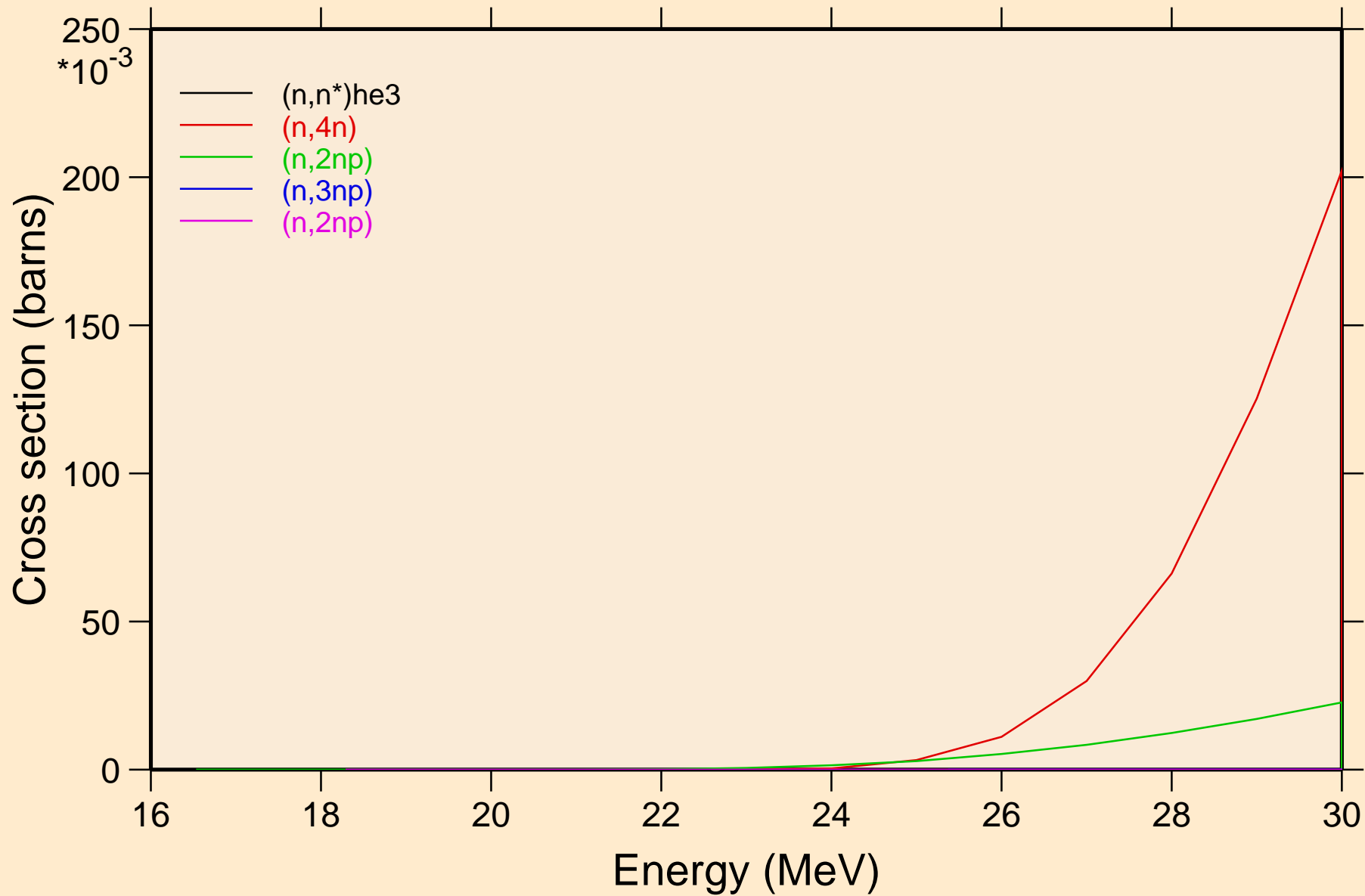
# SN119M NRG TENDL-2015, AKONING

## Threshold reactions



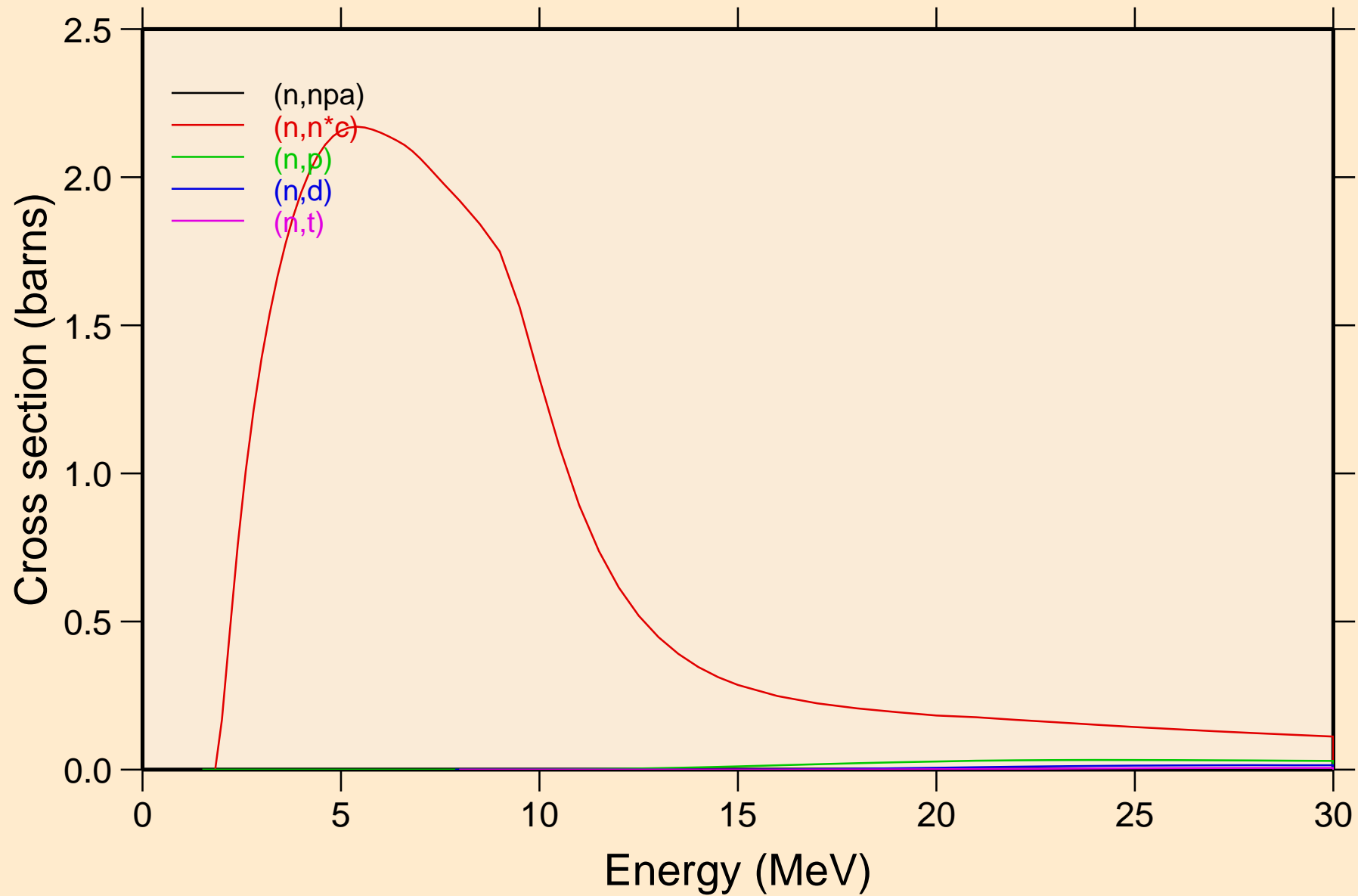
# SN119M NRG TENDL-2015, AKONING

## Threshold reactions



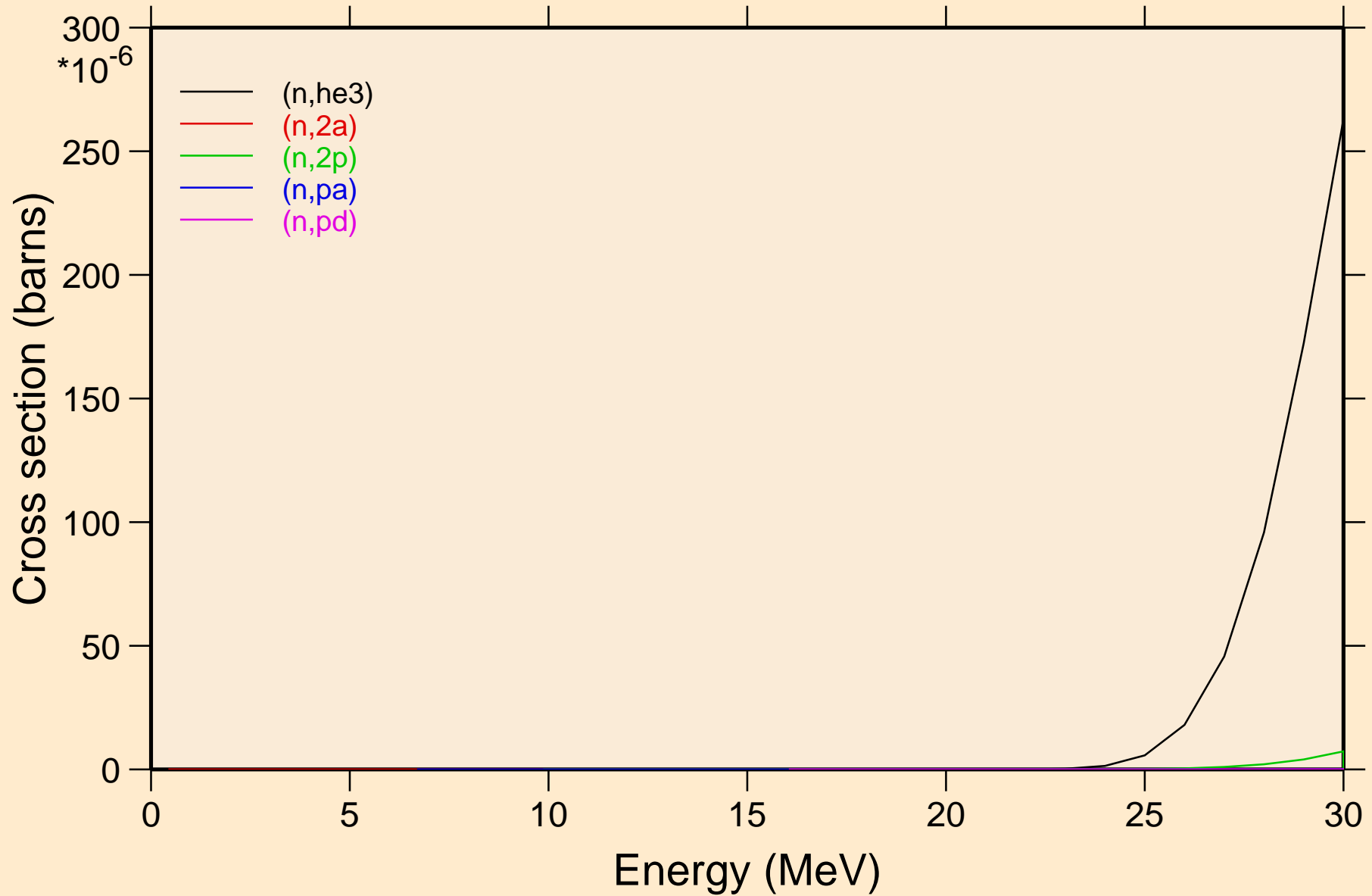
# SN119M NRG TENDL-2015, AKONING

## Threshold reactions



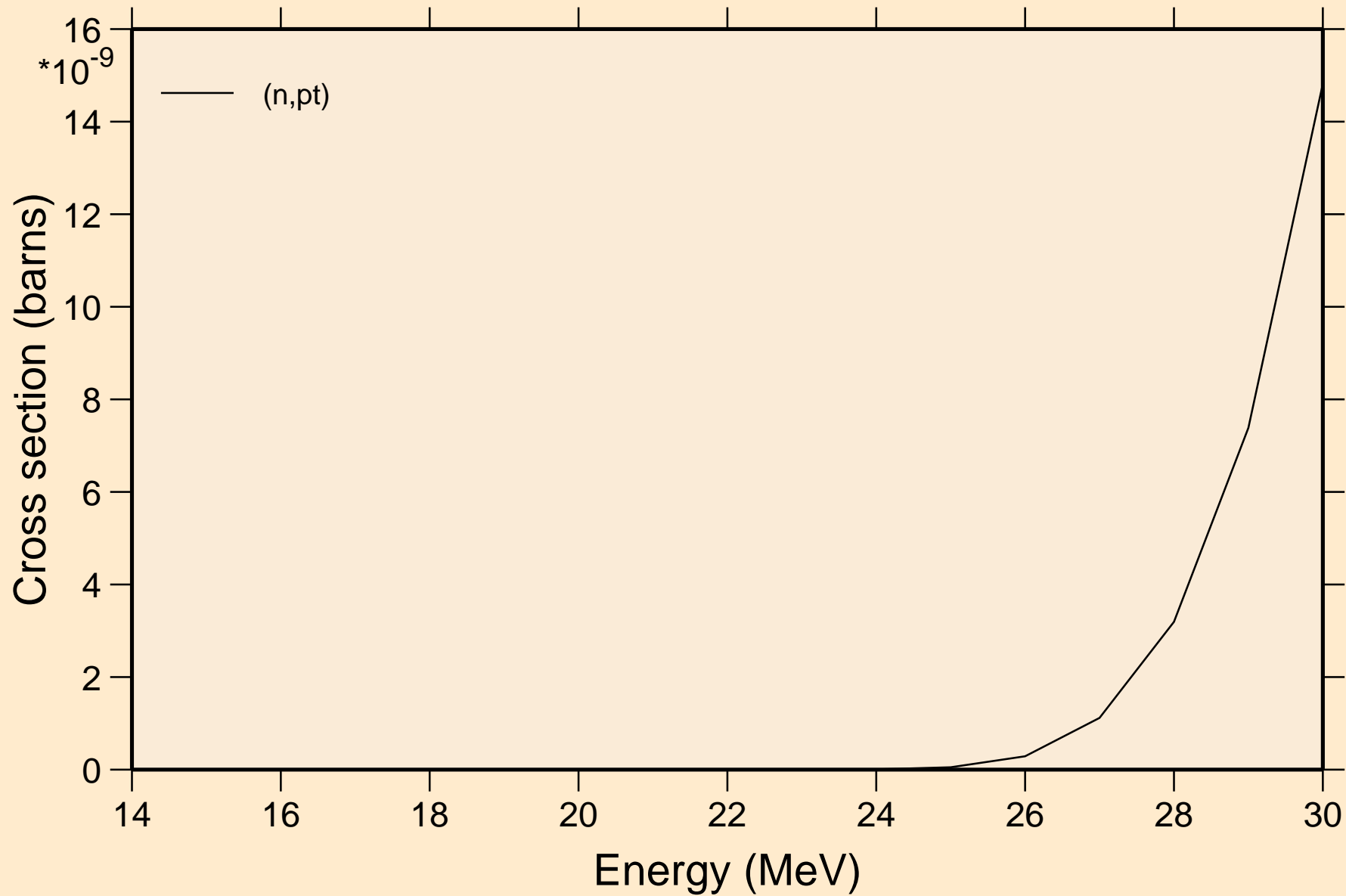
# SN119M NRG TENDL-2015, AKONING

## Threshold reactions

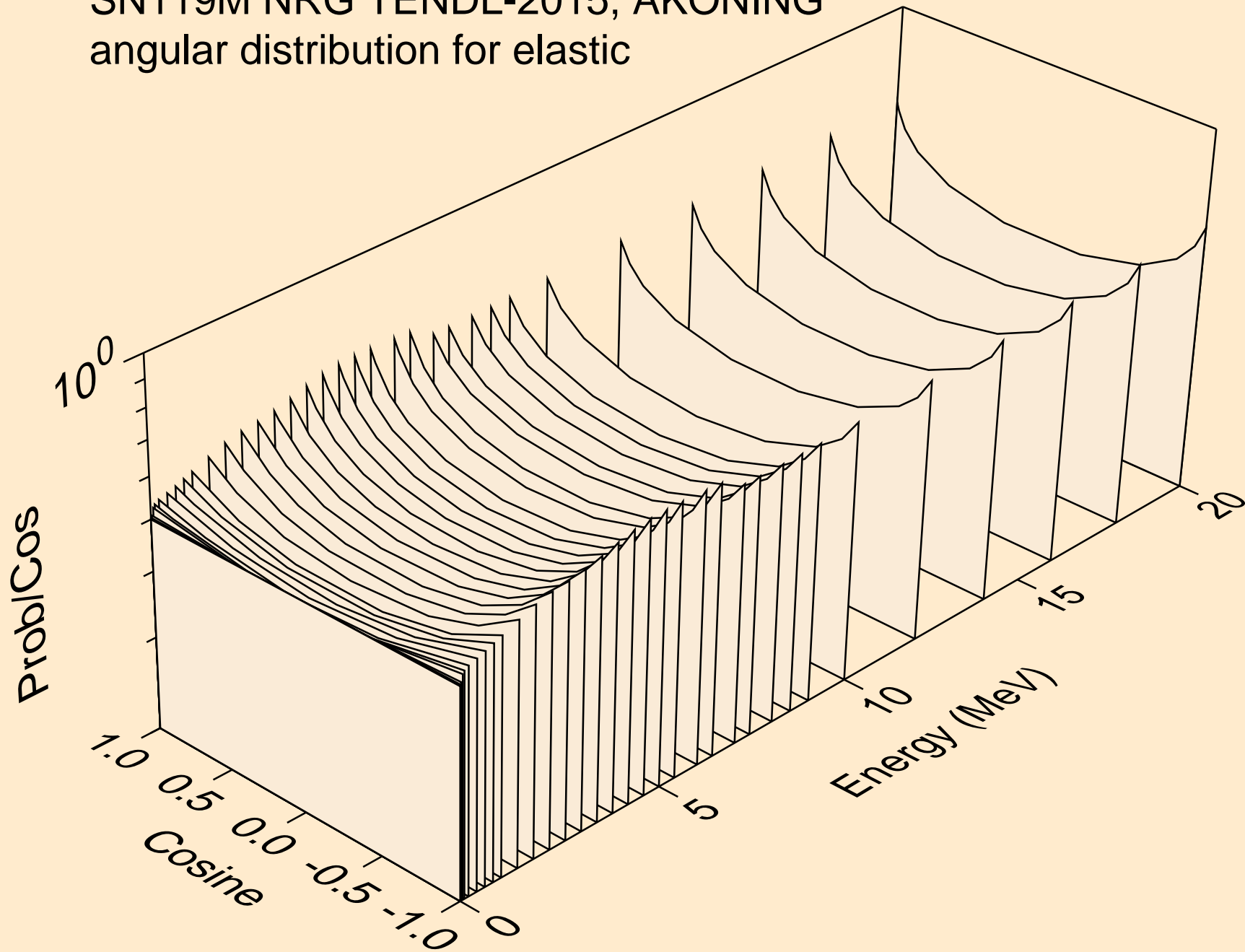


# SN119M NRG TENDL-2015, AKONING

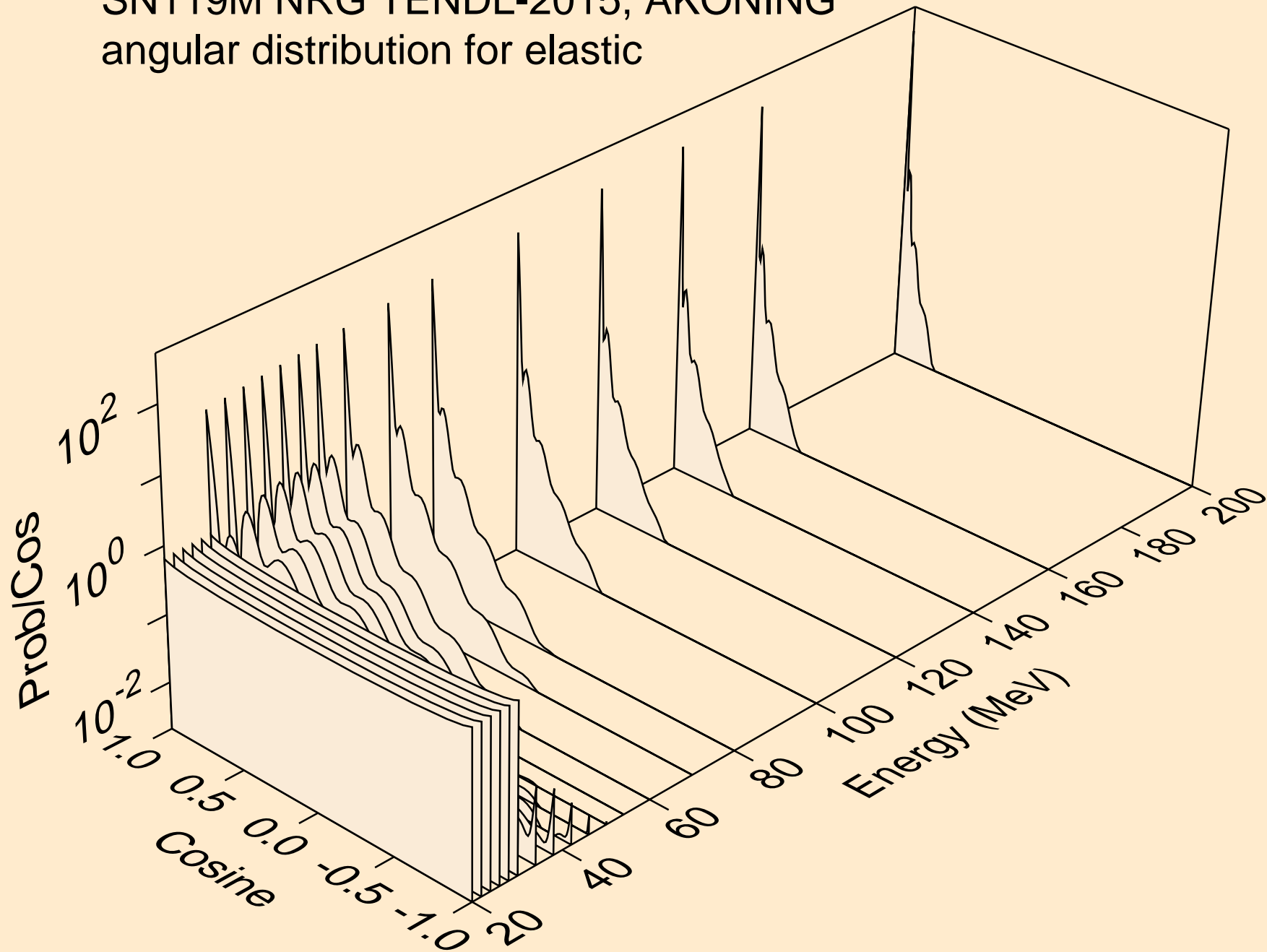
## Threshold reactions



SN119M NRG TENDL-2015, AKONING  
angular distribution for elastic

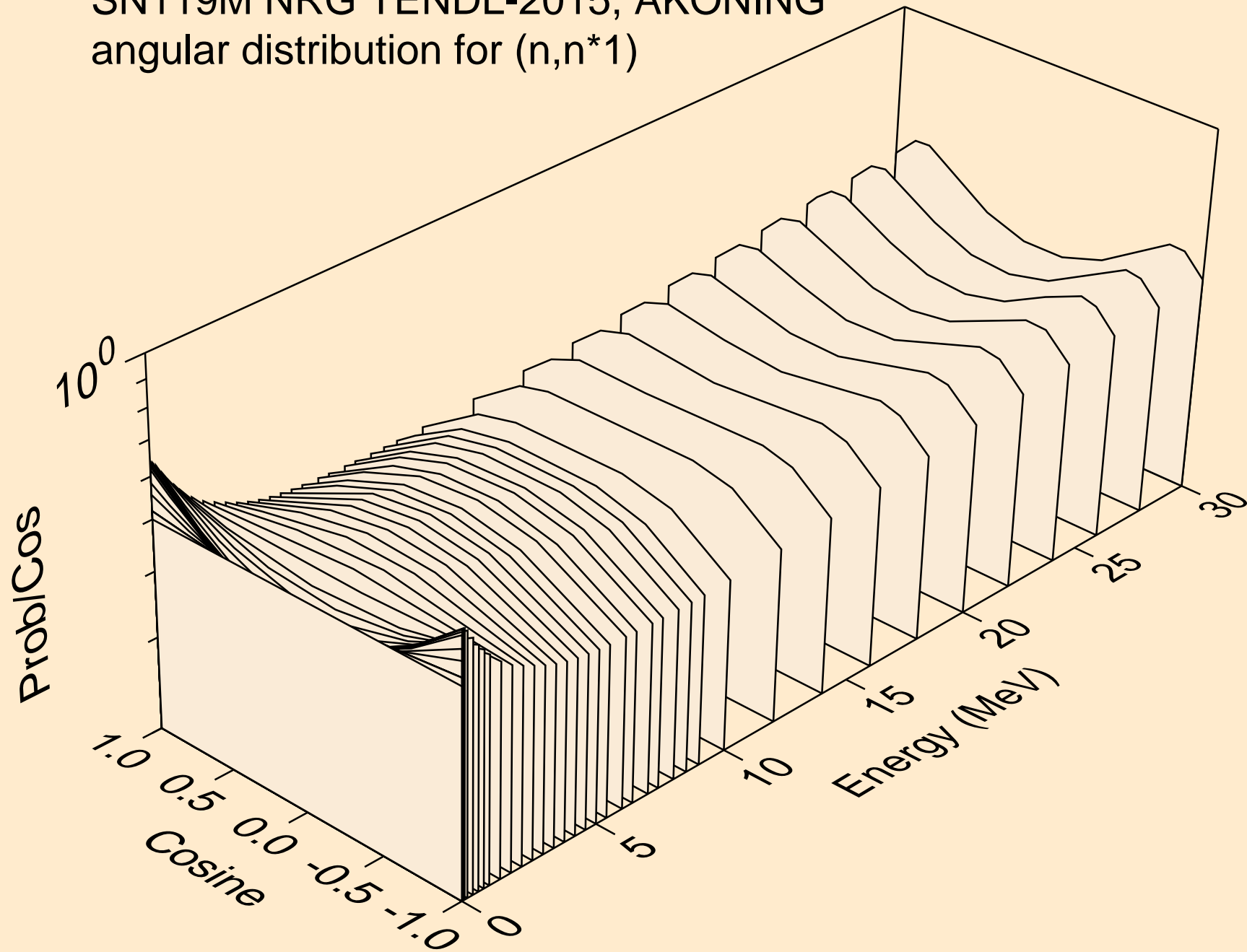


SN119M NRG TENDL-2015, AKONING  
angular distribution for elastic

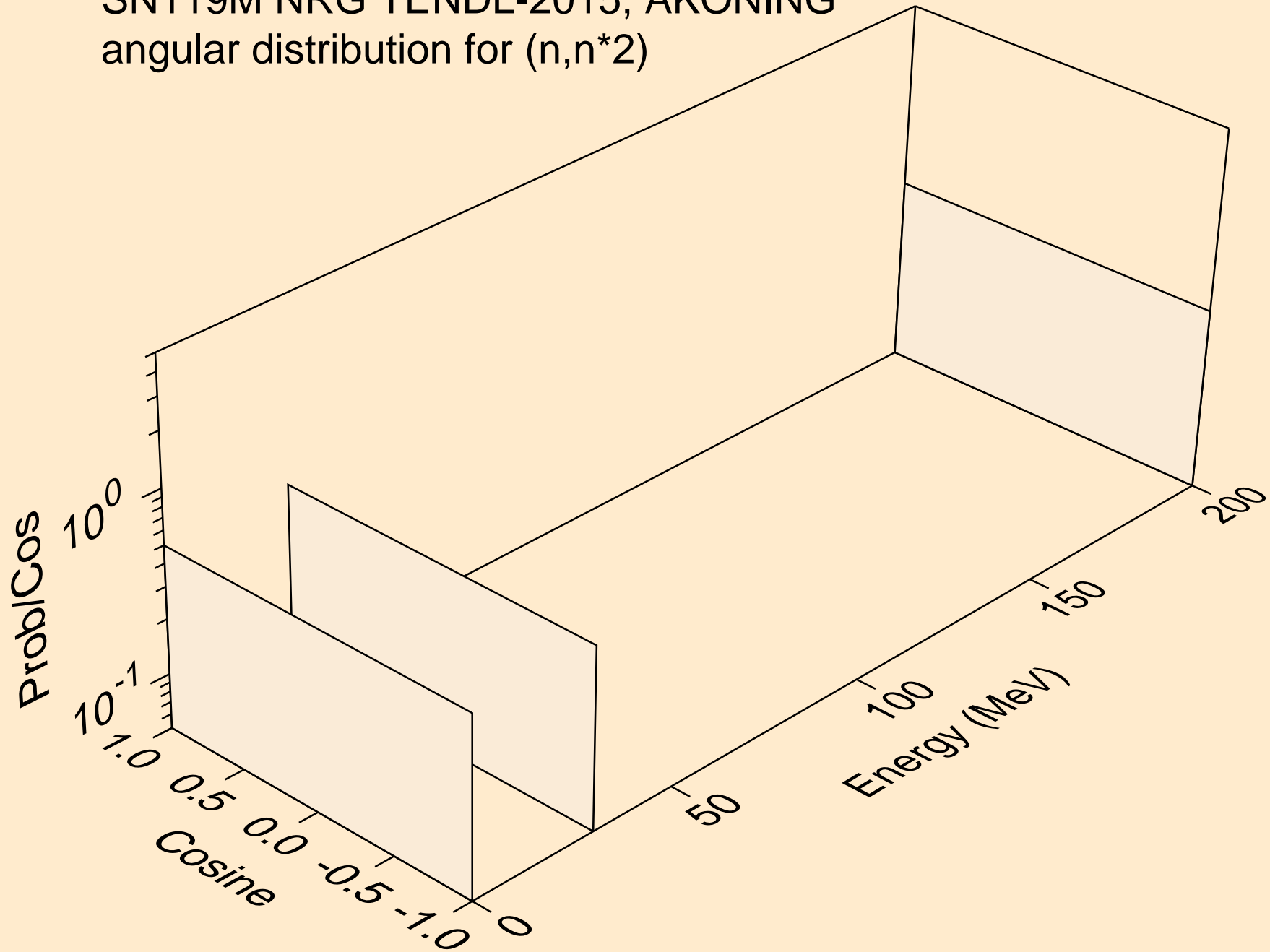




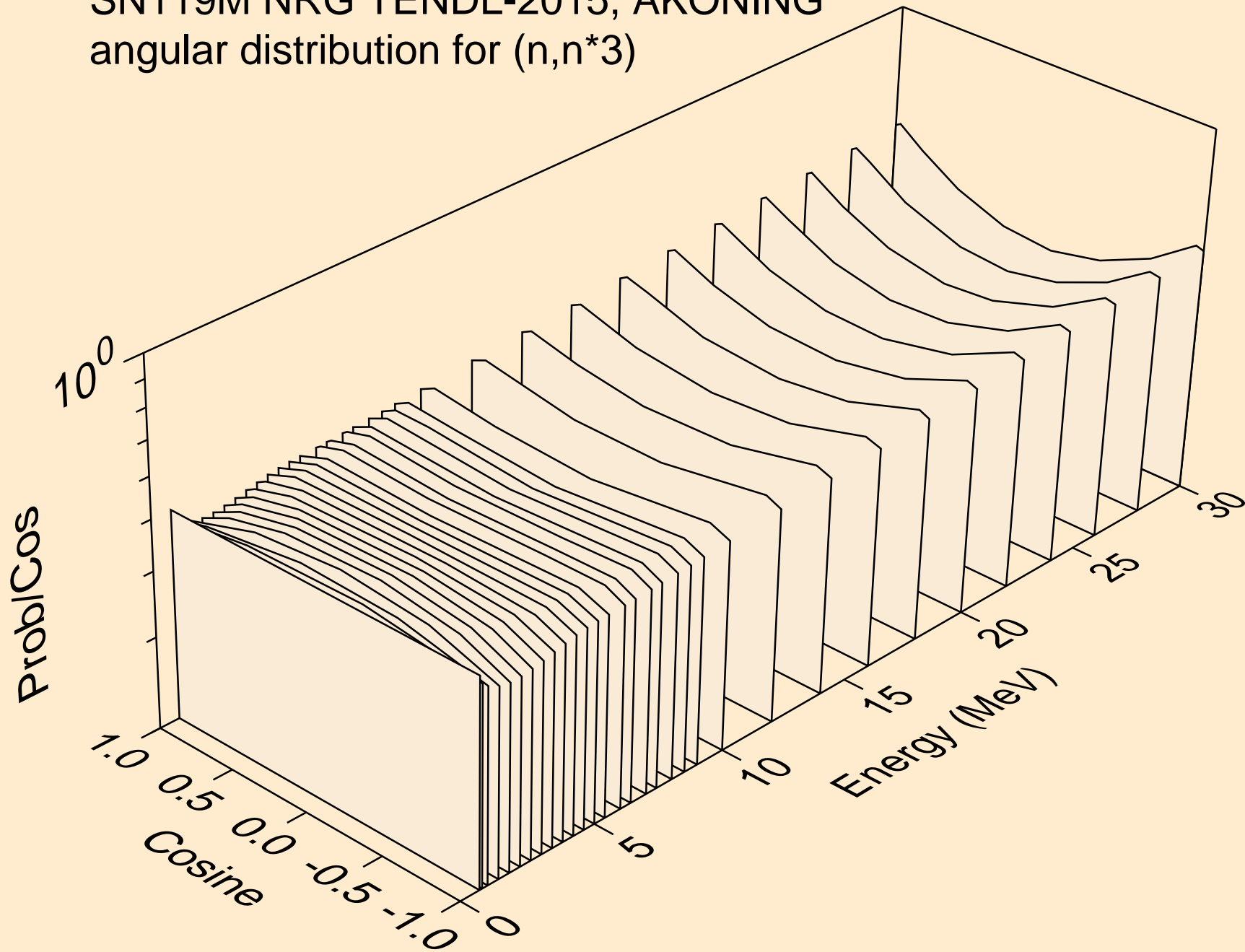
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*1)



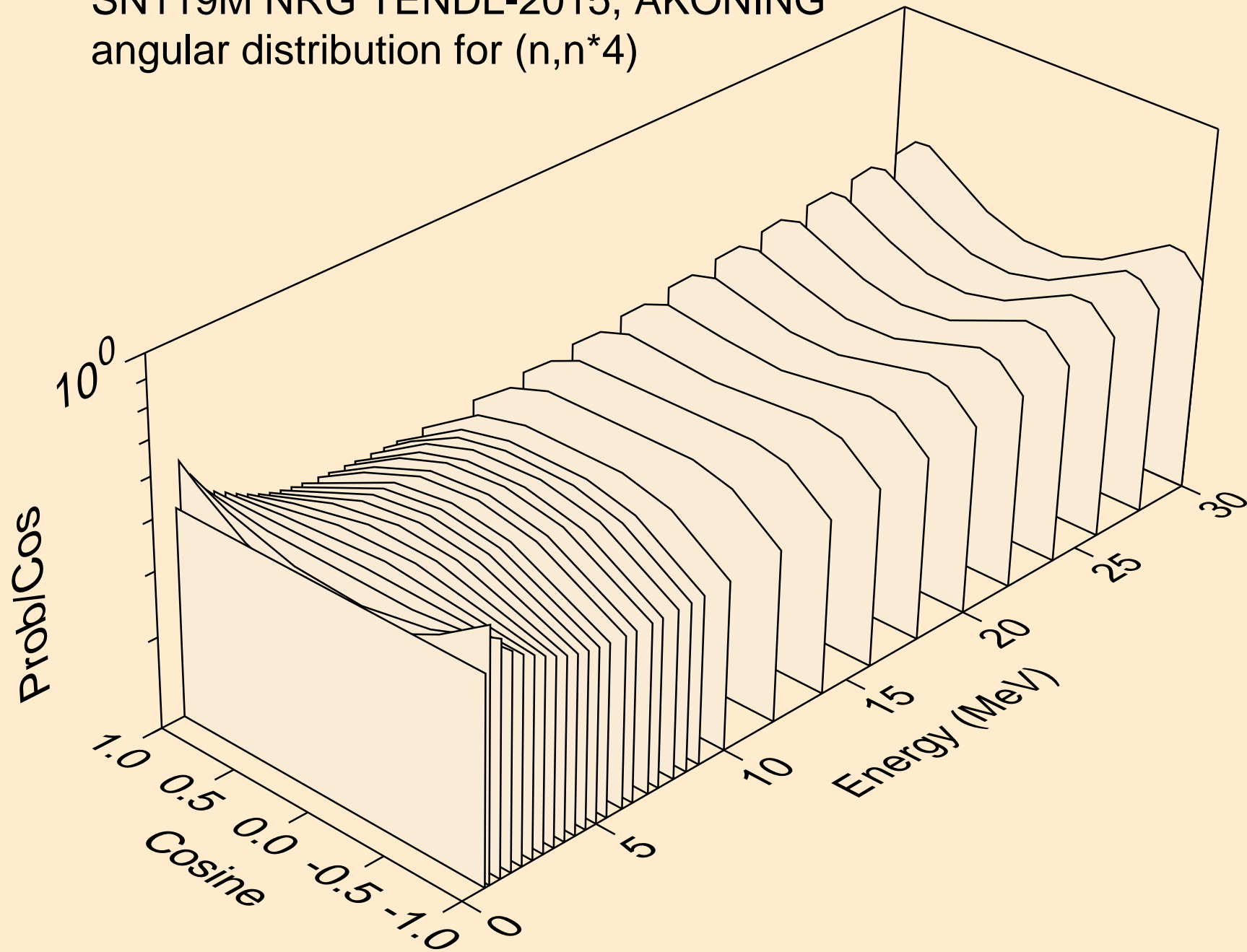
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*2)



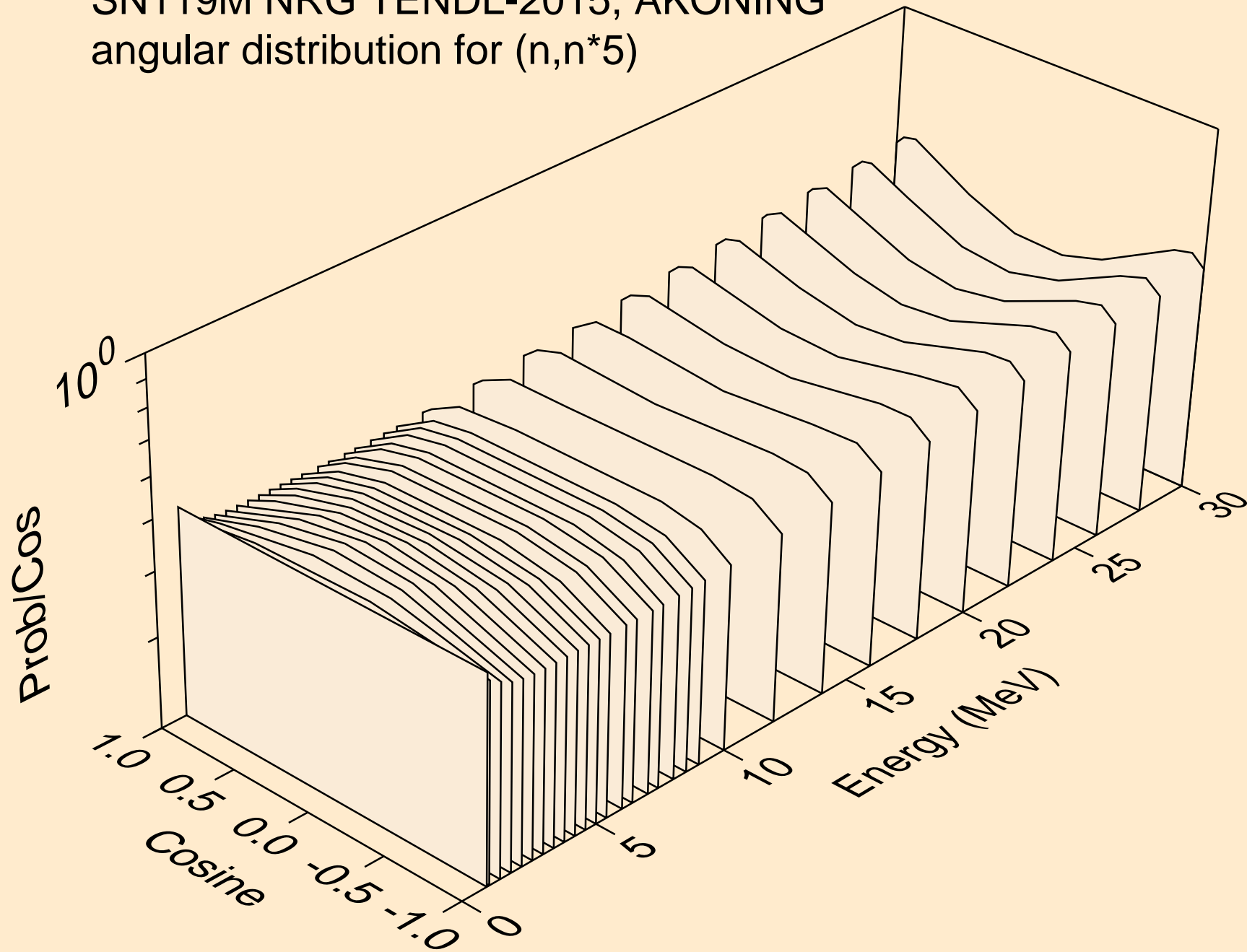
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*3)



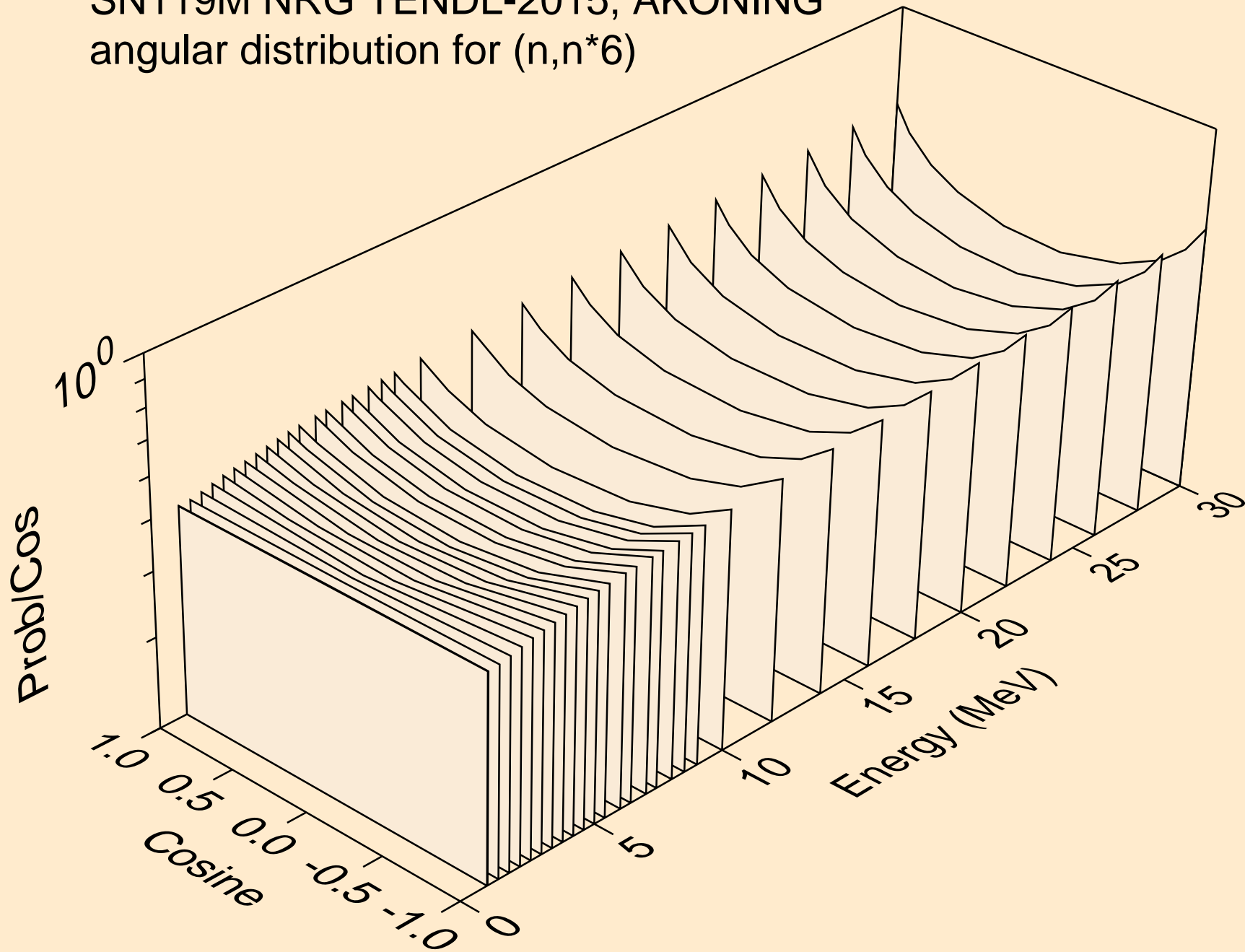
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*4)



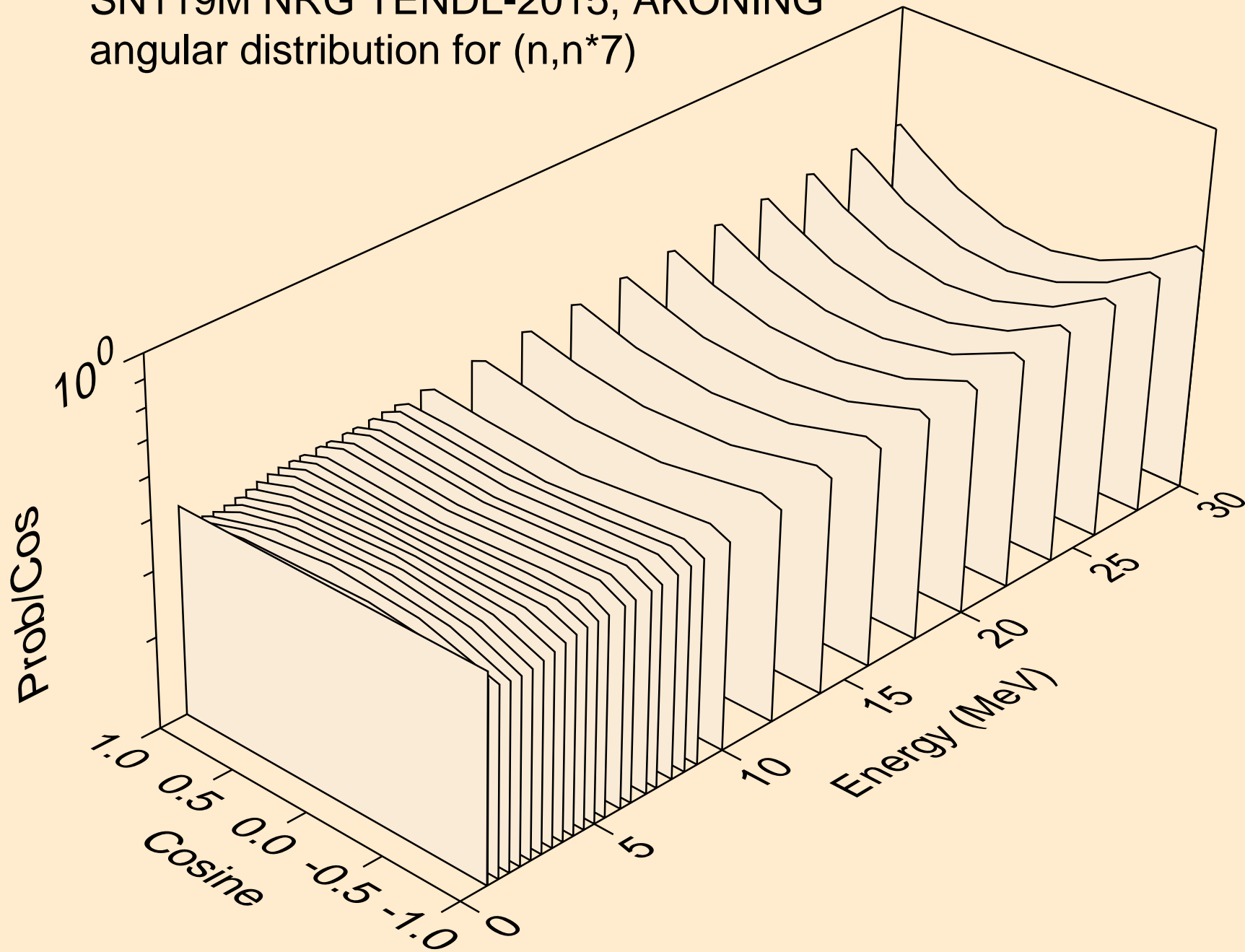
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*5)



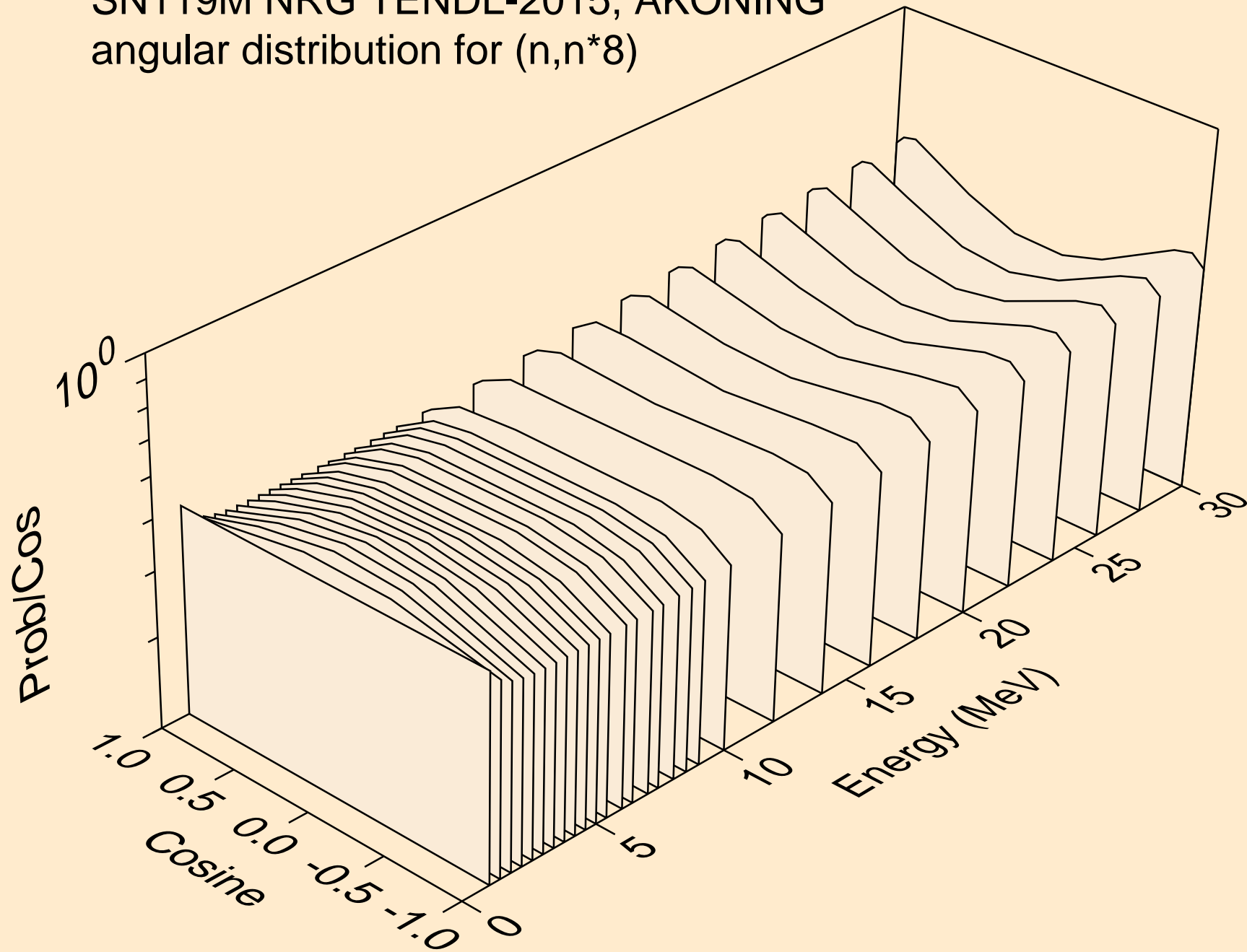
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*6)



SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*7)

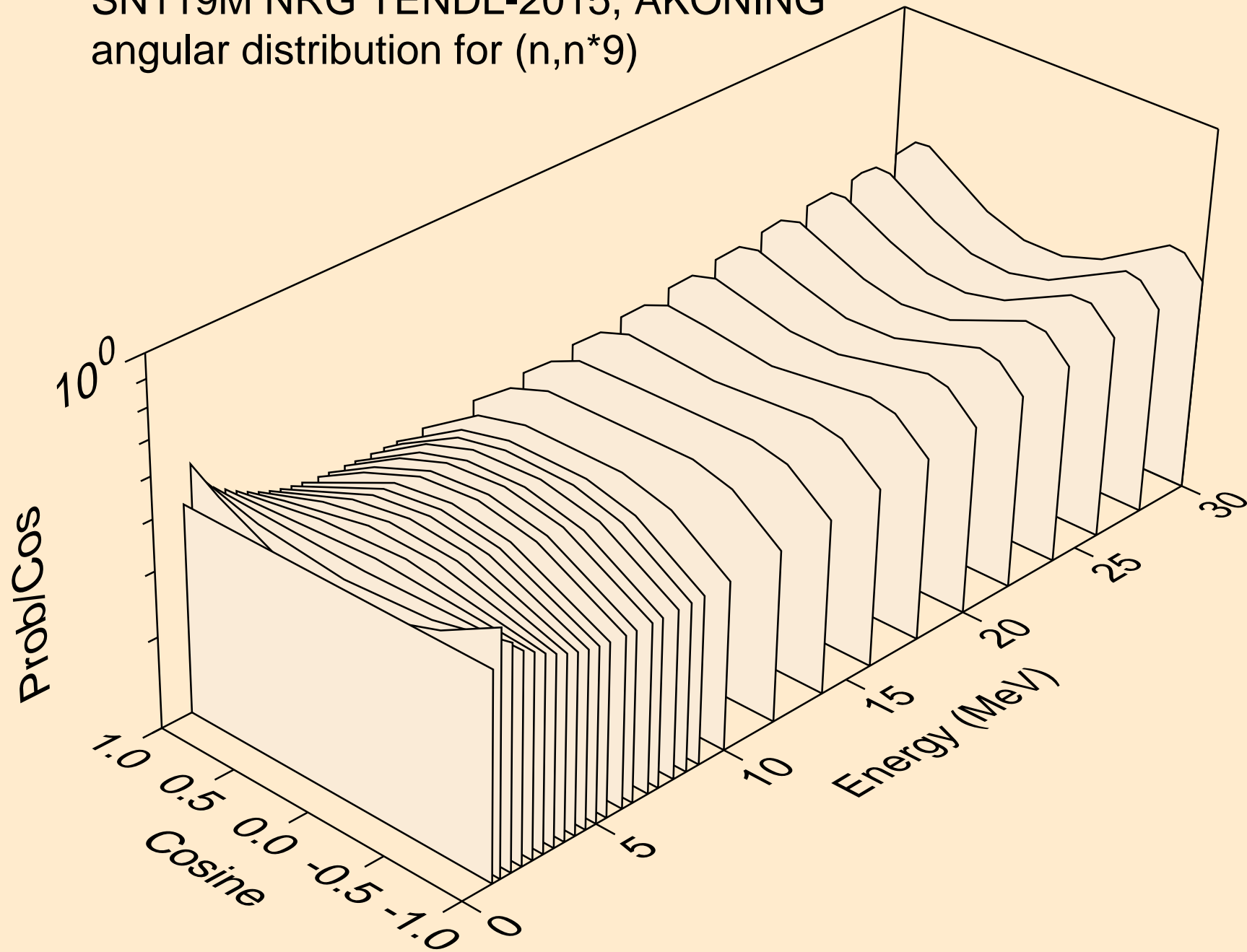


SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*8)

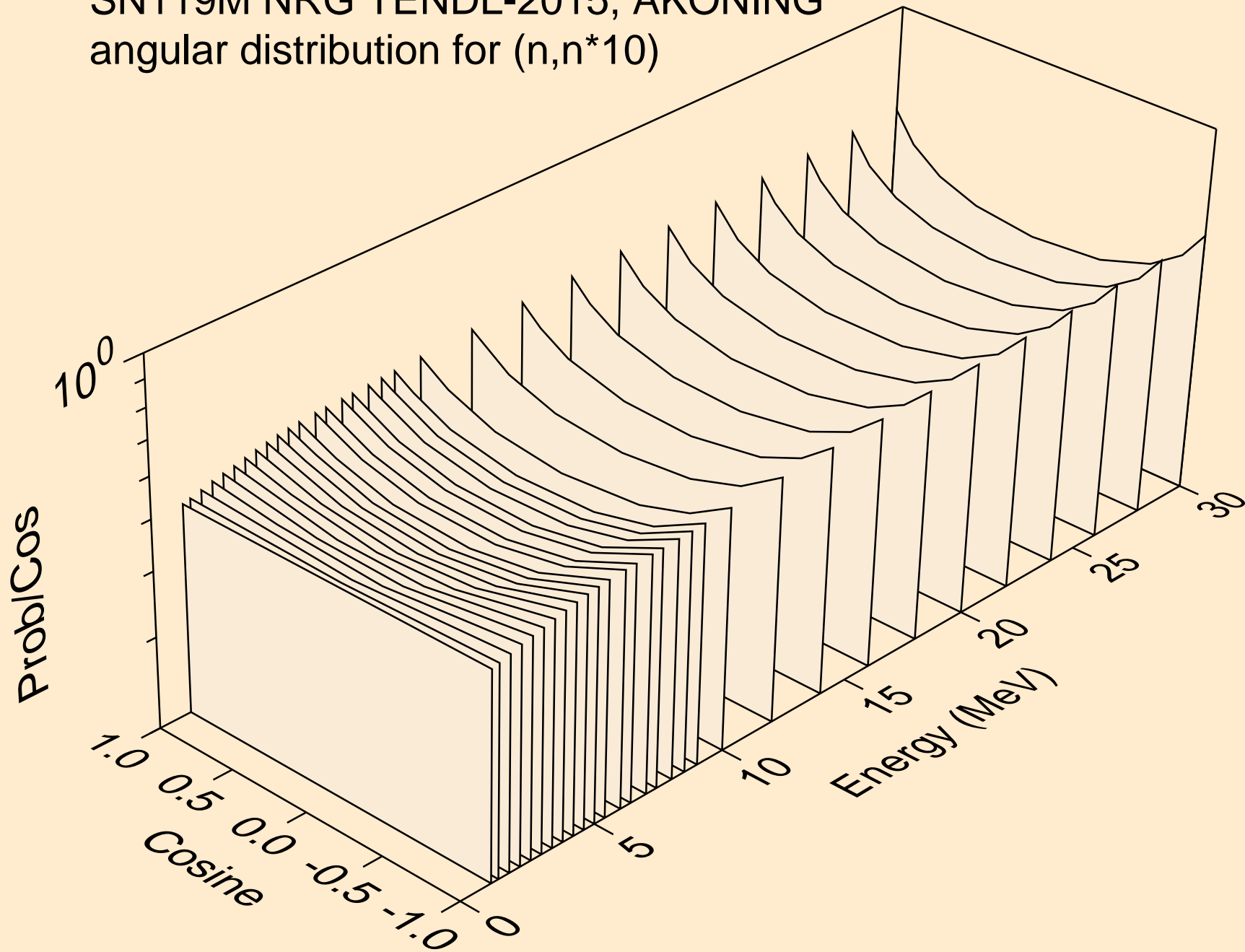




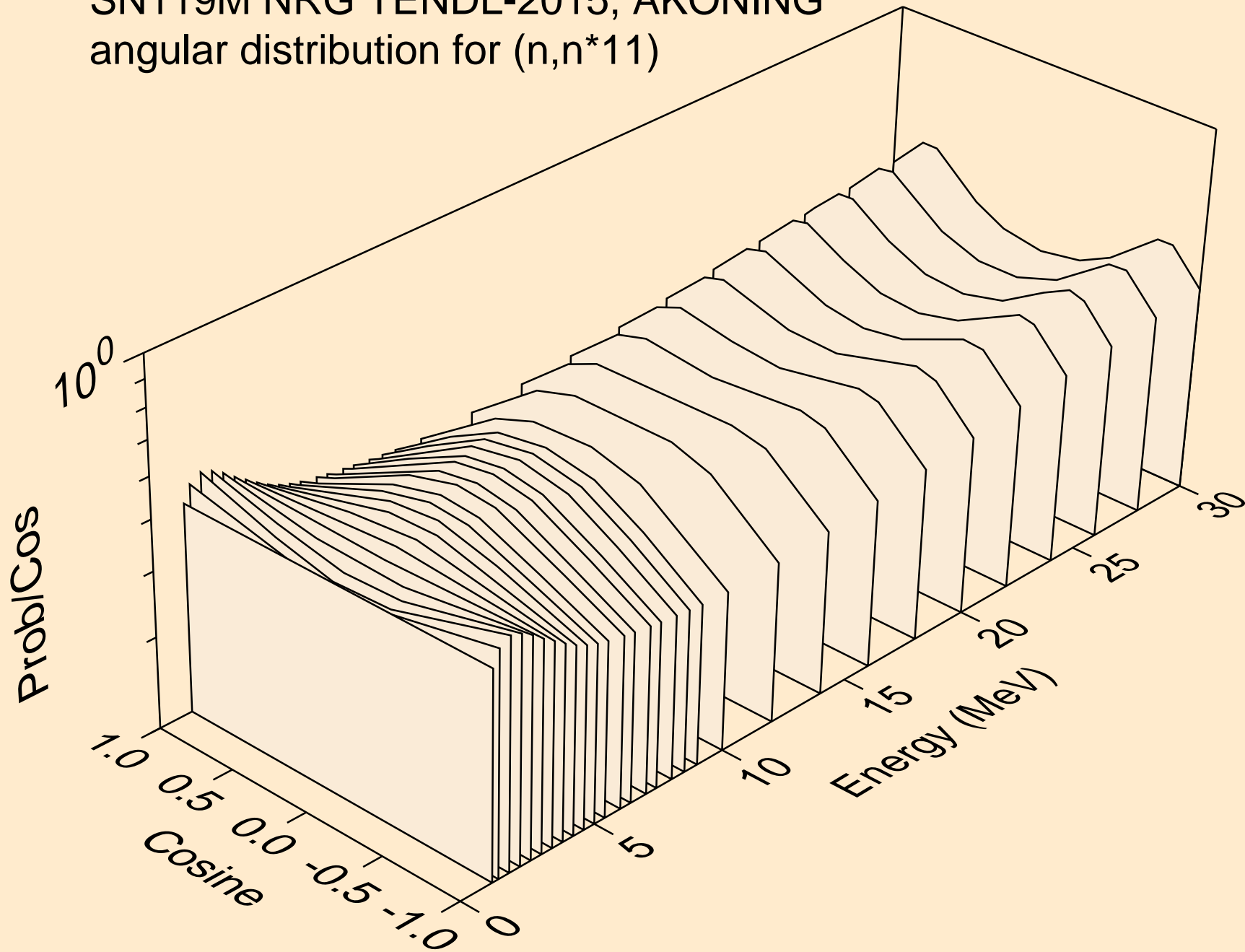
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*9)



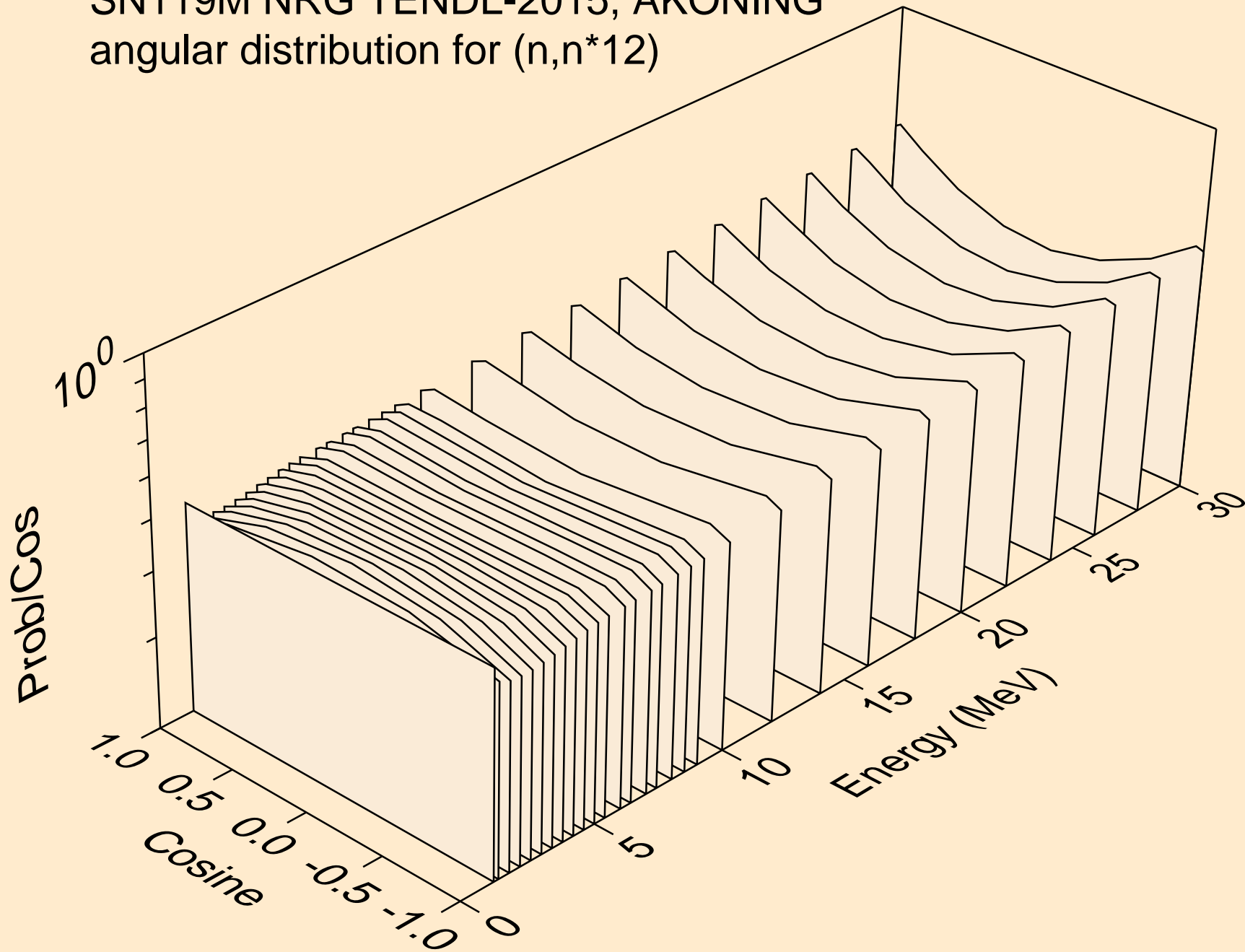
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*10)



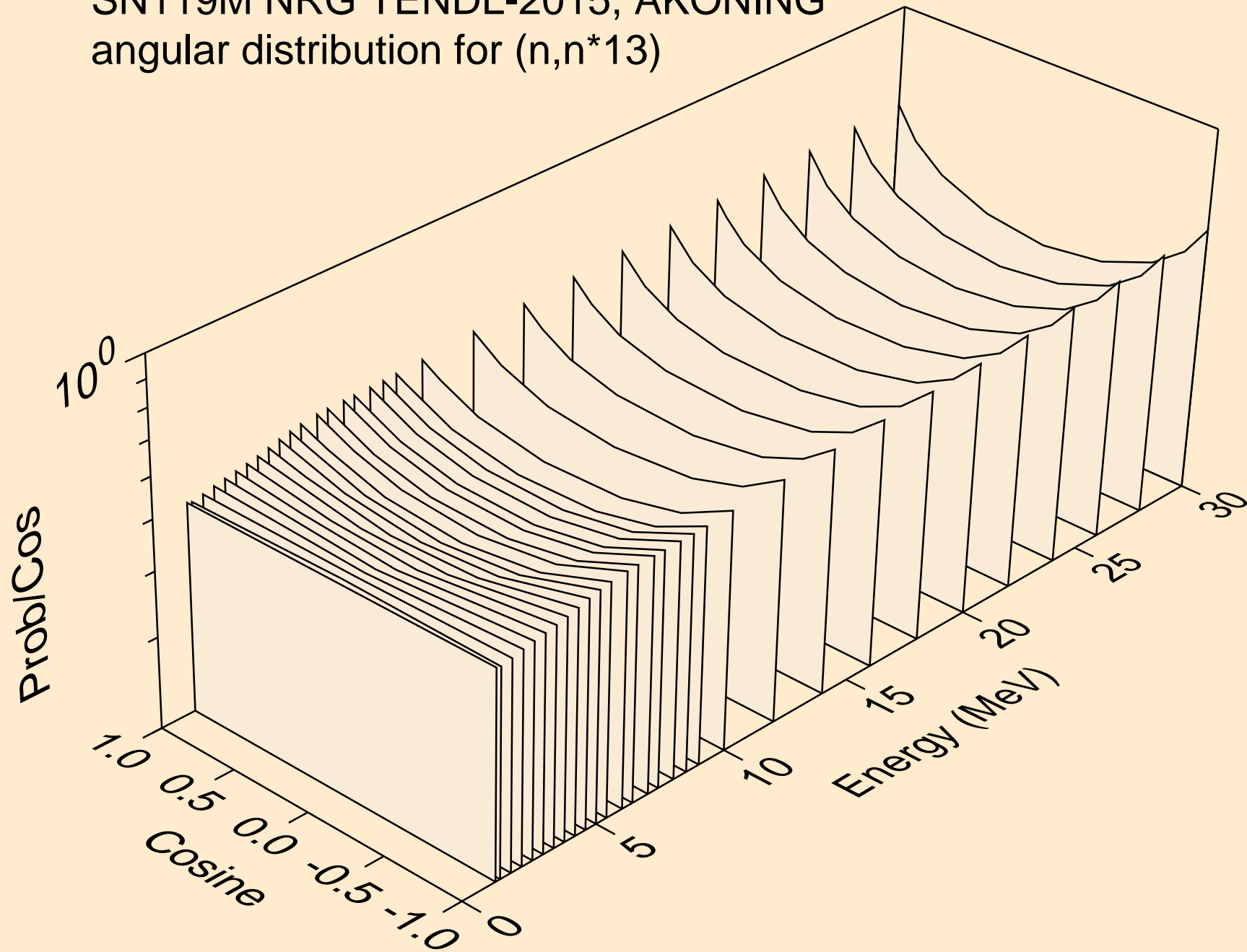
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*11)



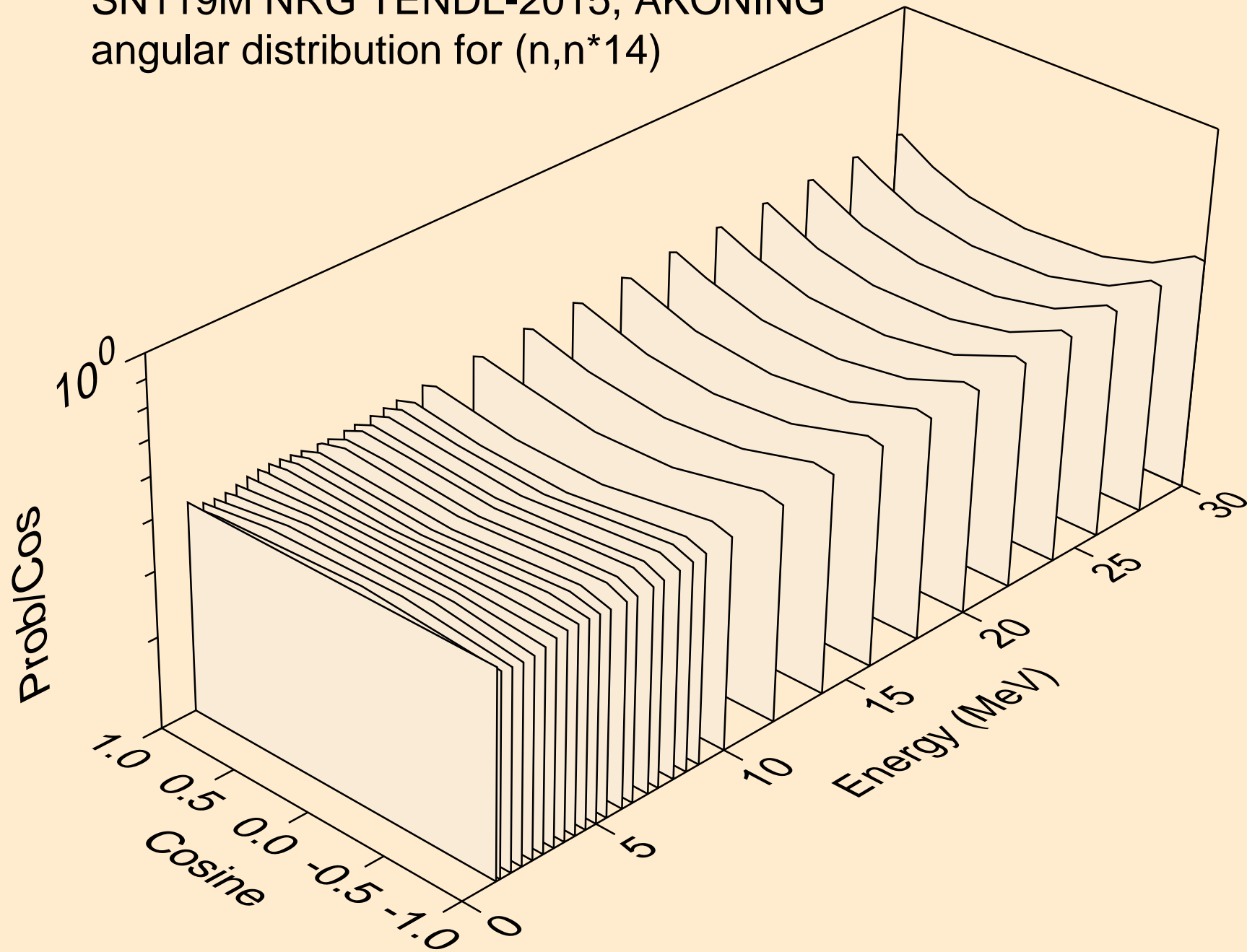
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*12)



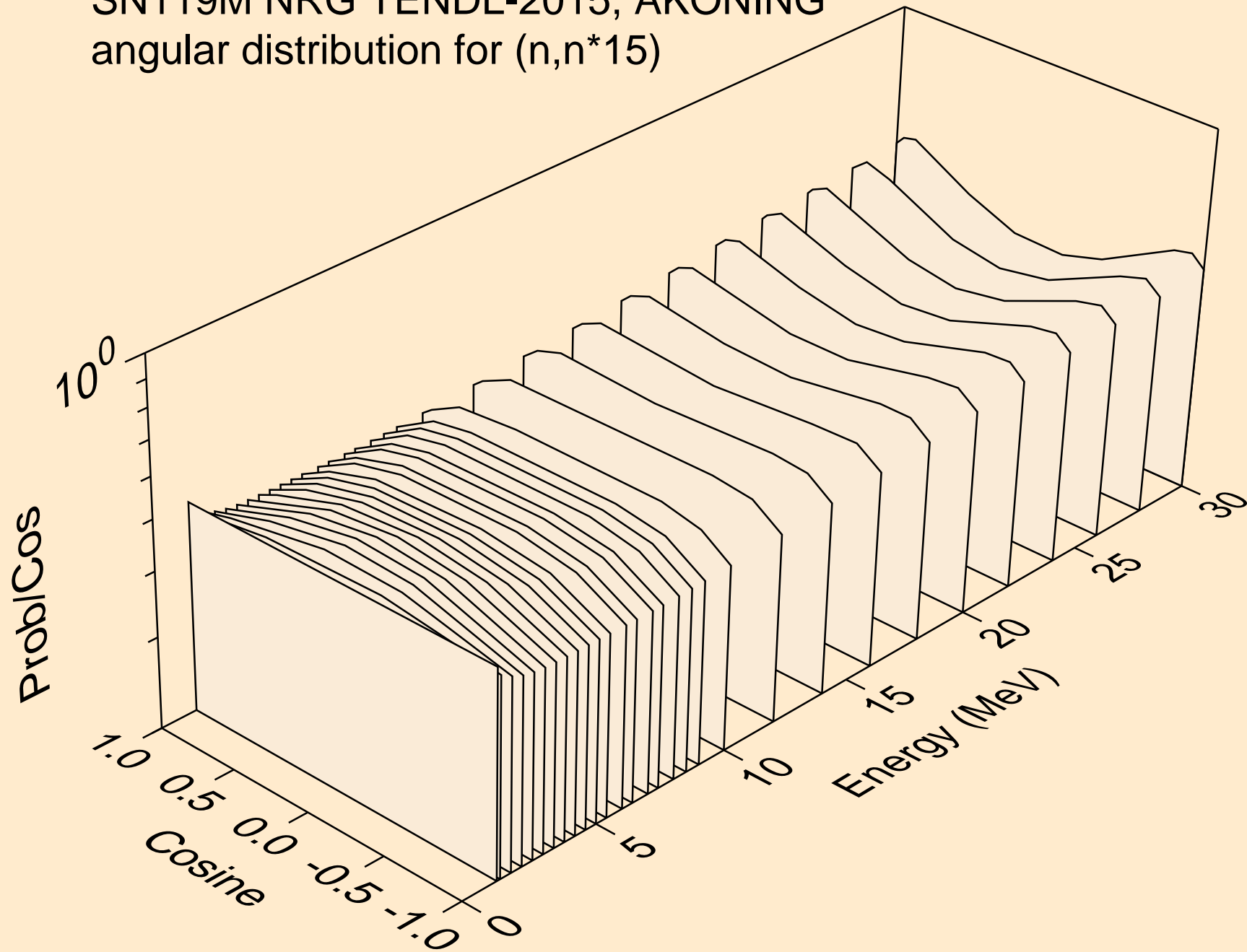
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*13)



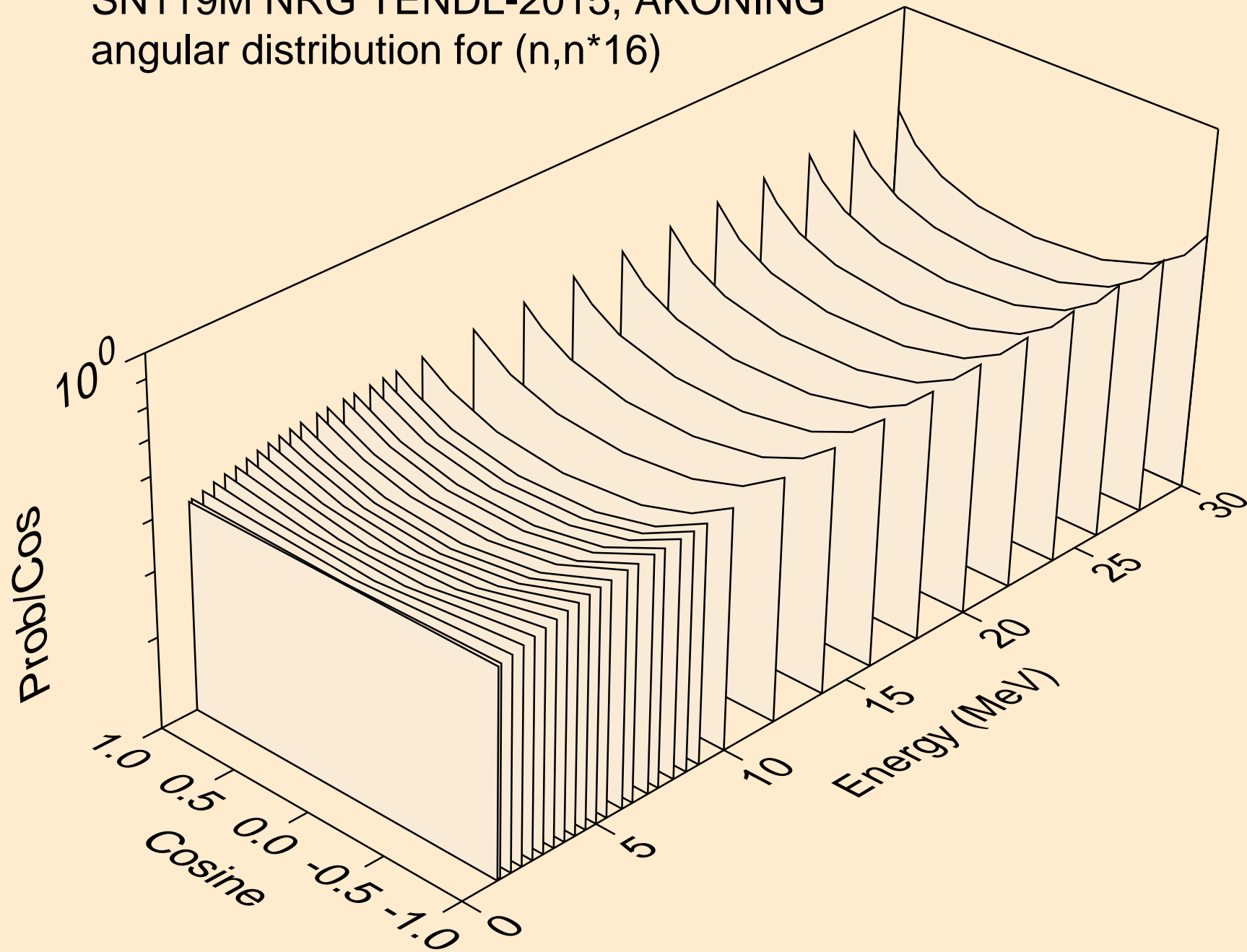
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*14)



SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*15)

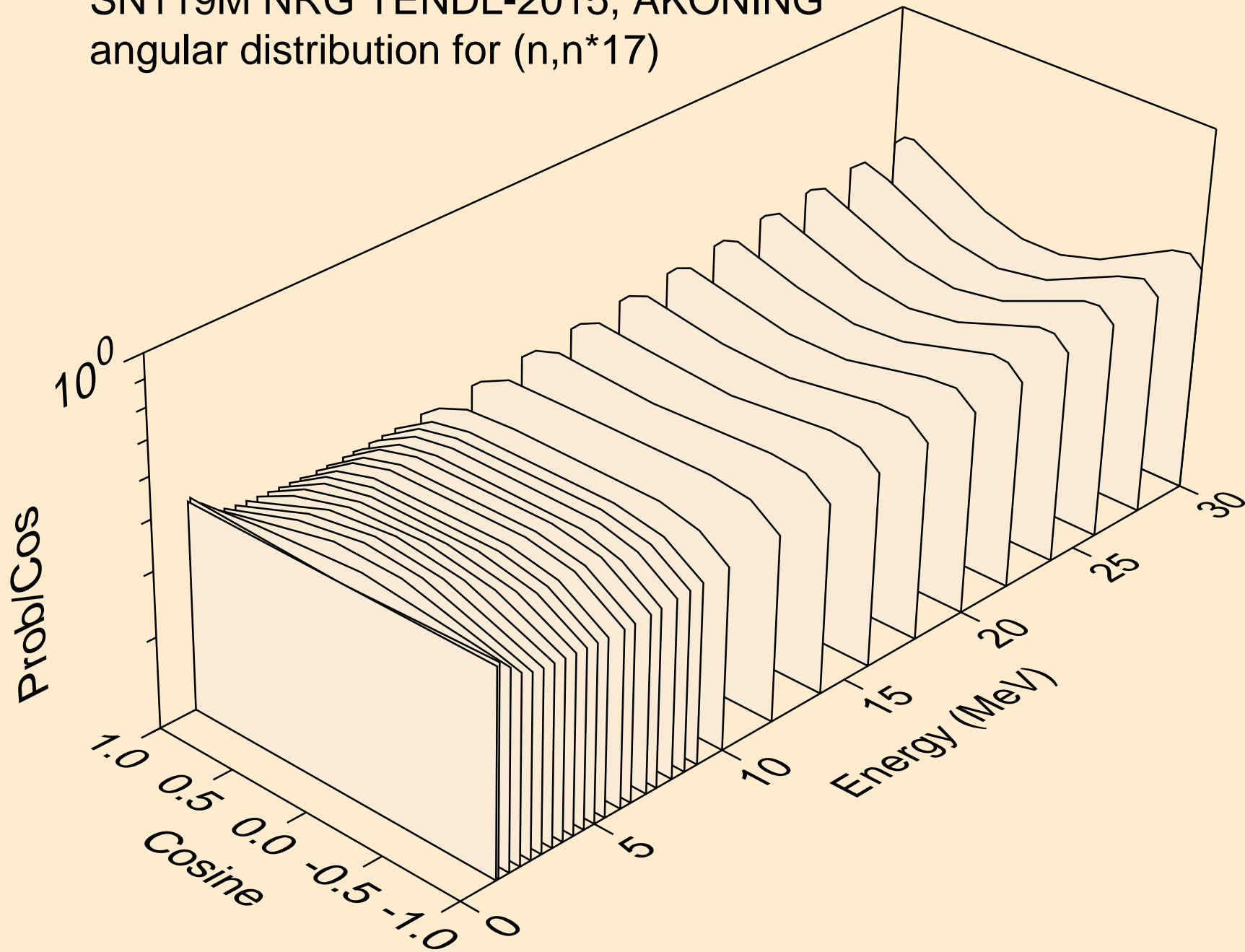


SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*16)

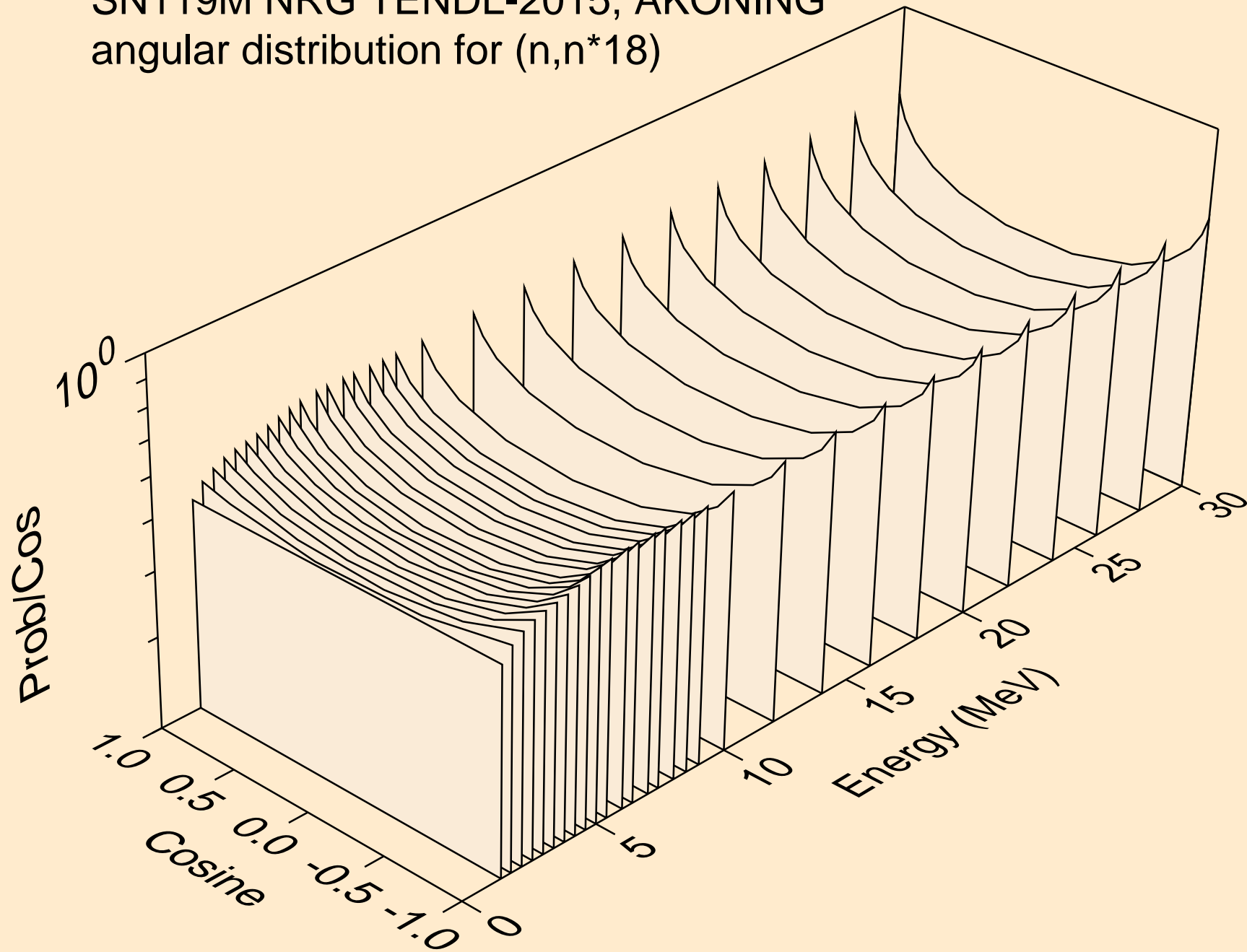




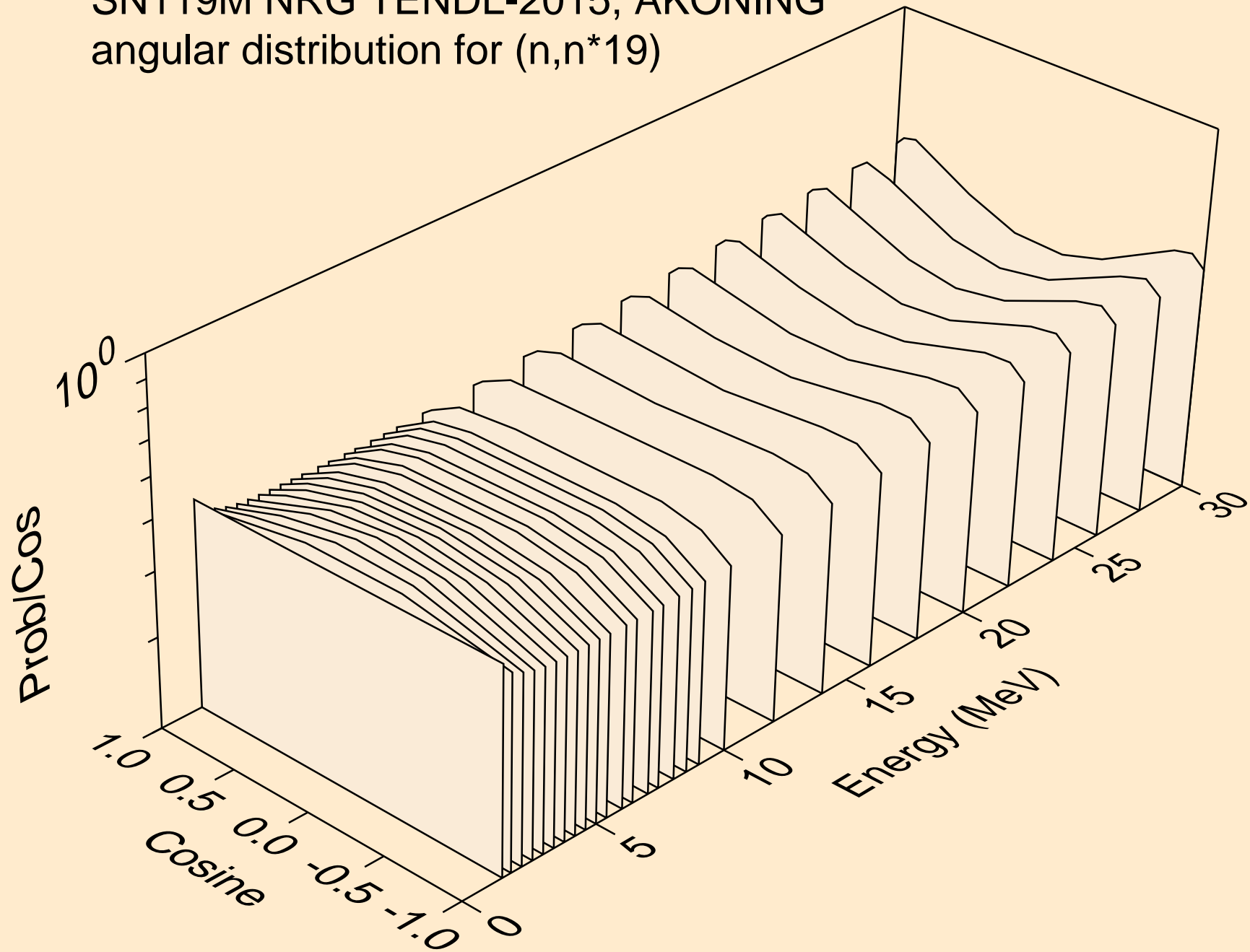
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*17)



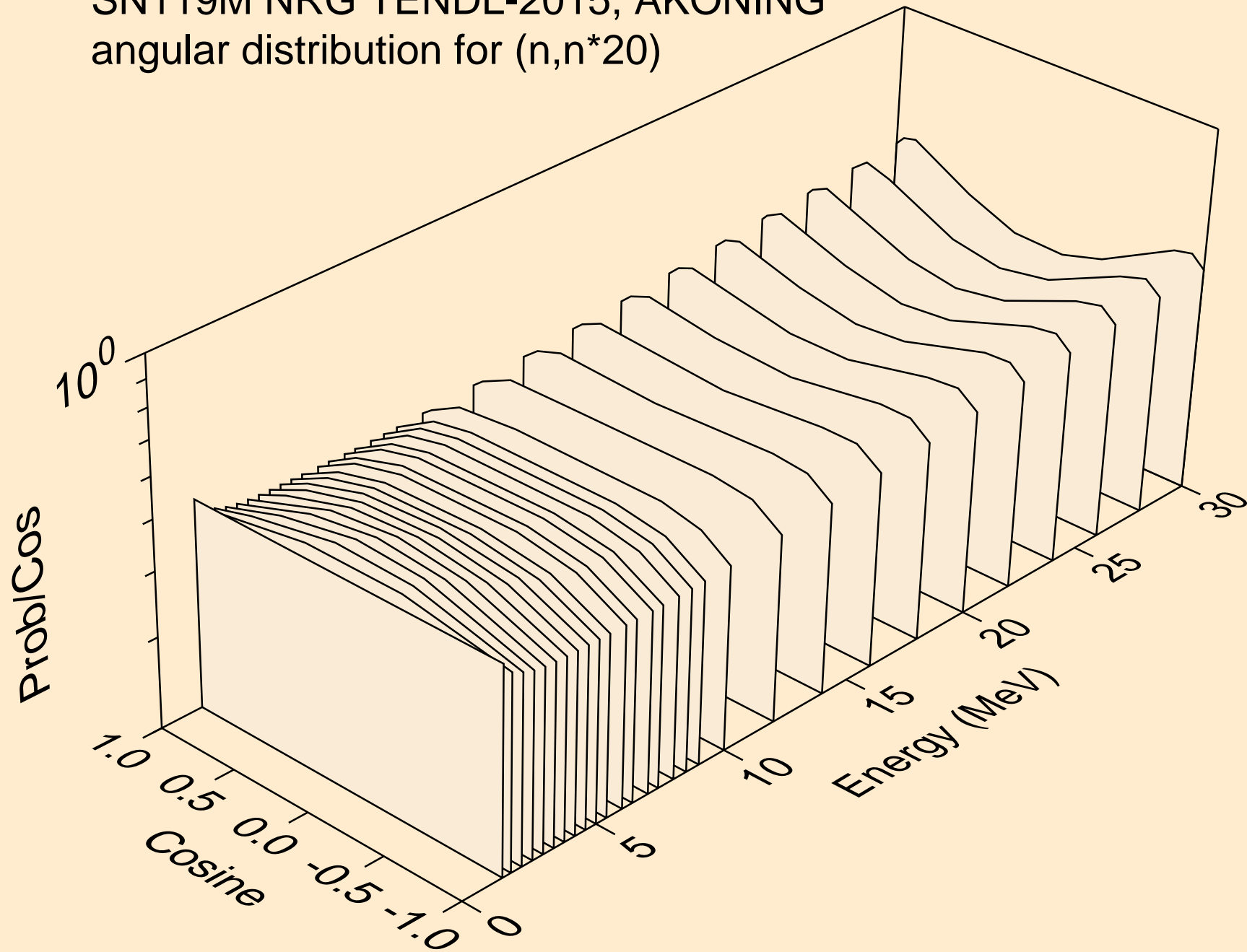
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*18)



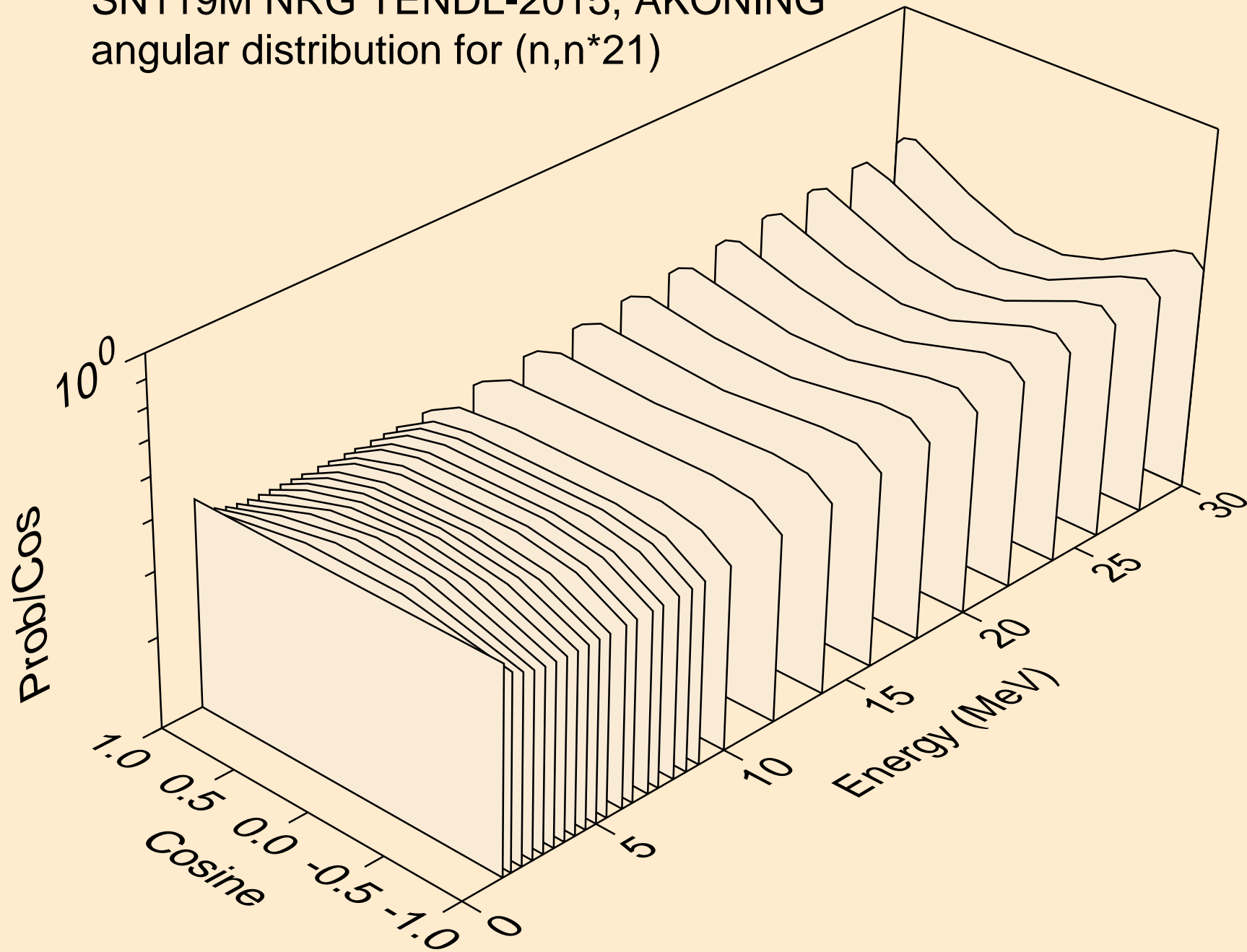
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*19)



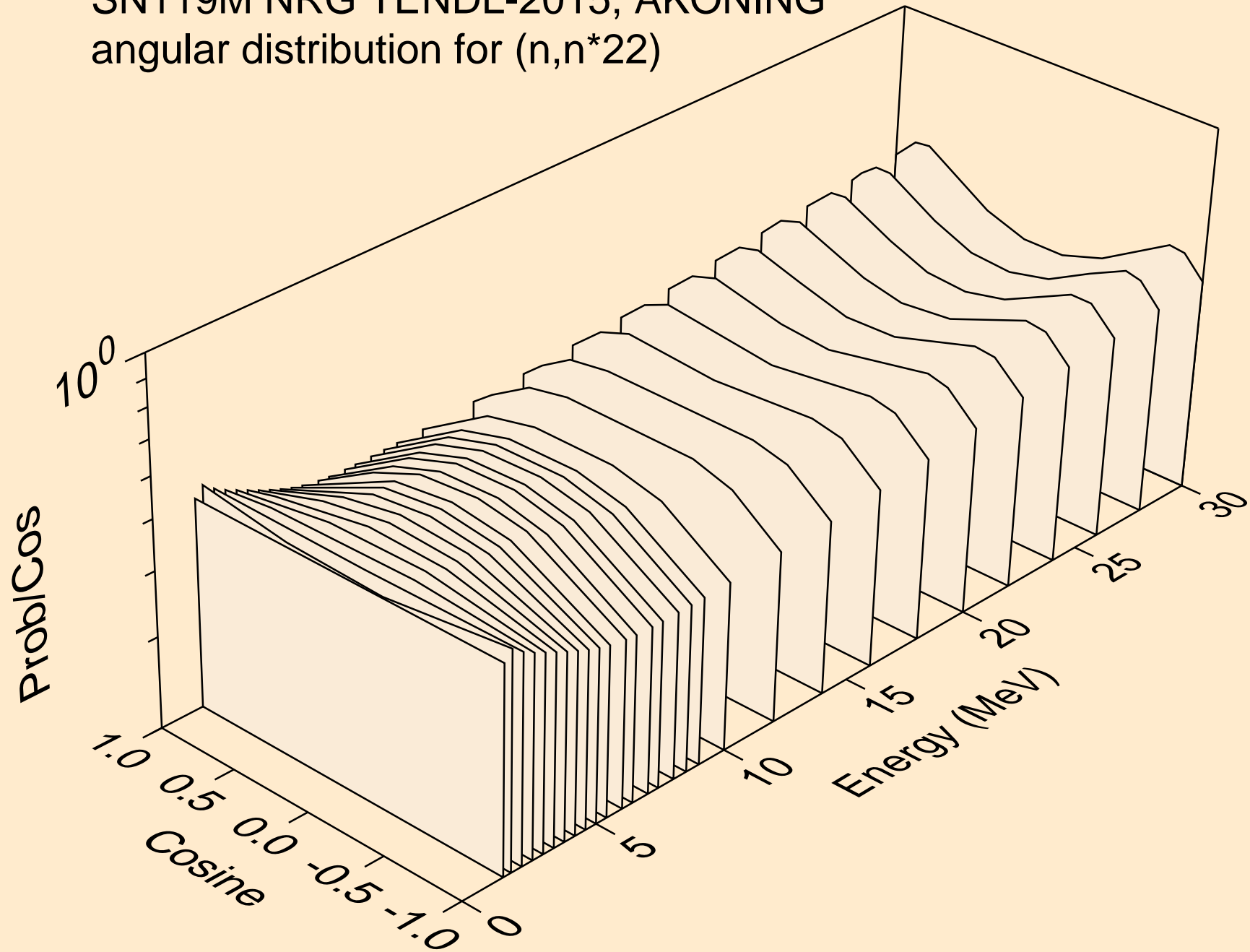
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*20)



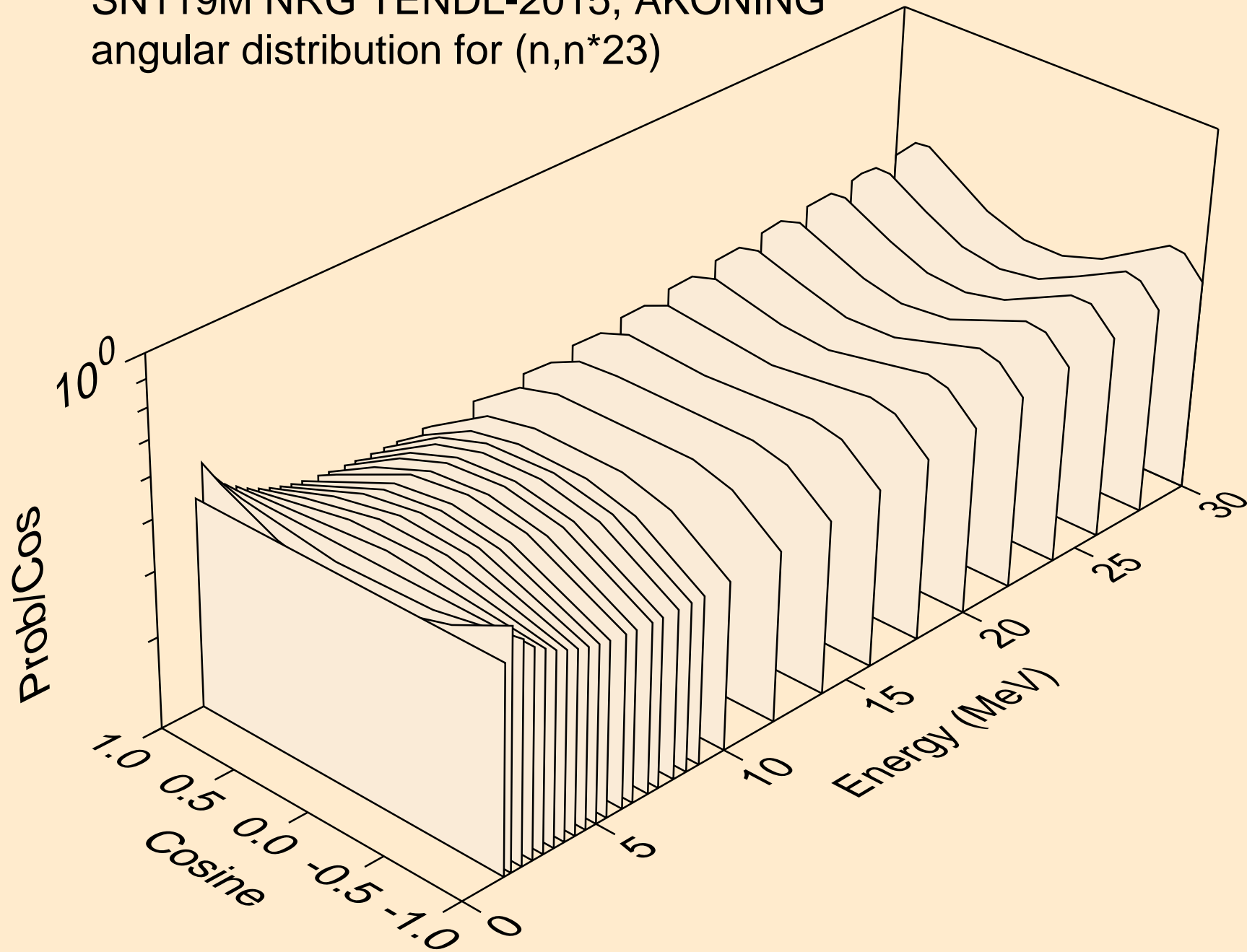
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*21)



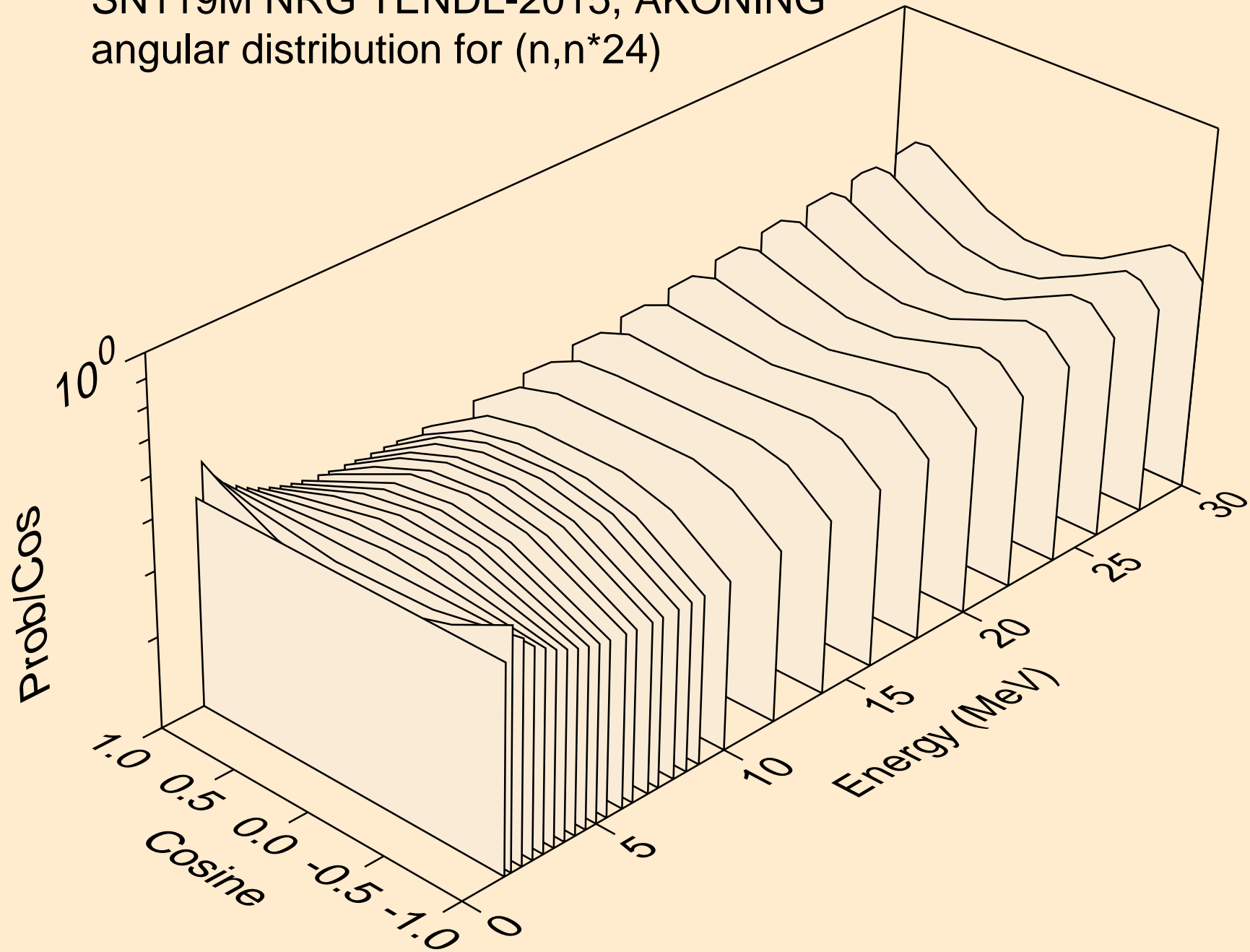
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*22)



SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*23)

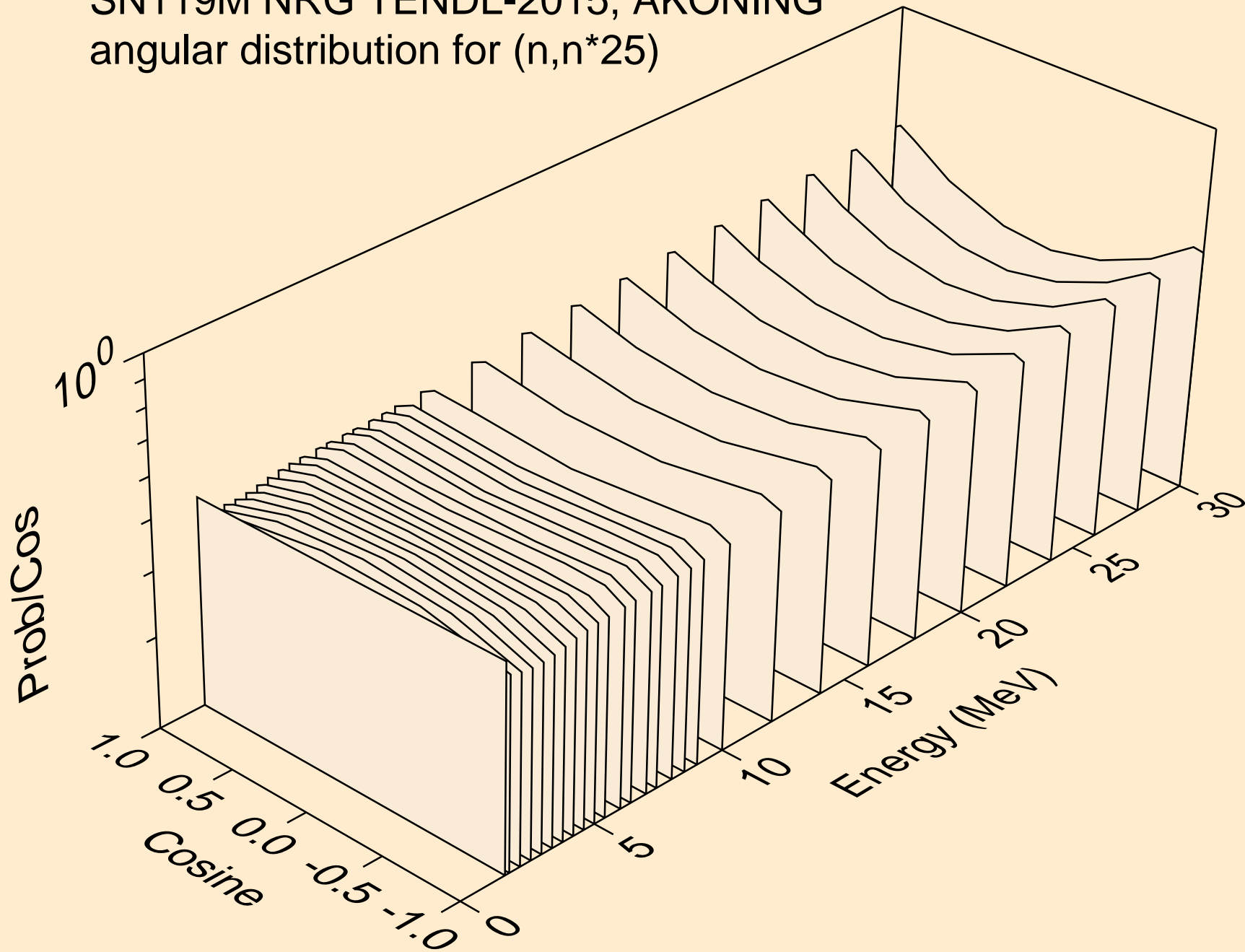


SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*24)

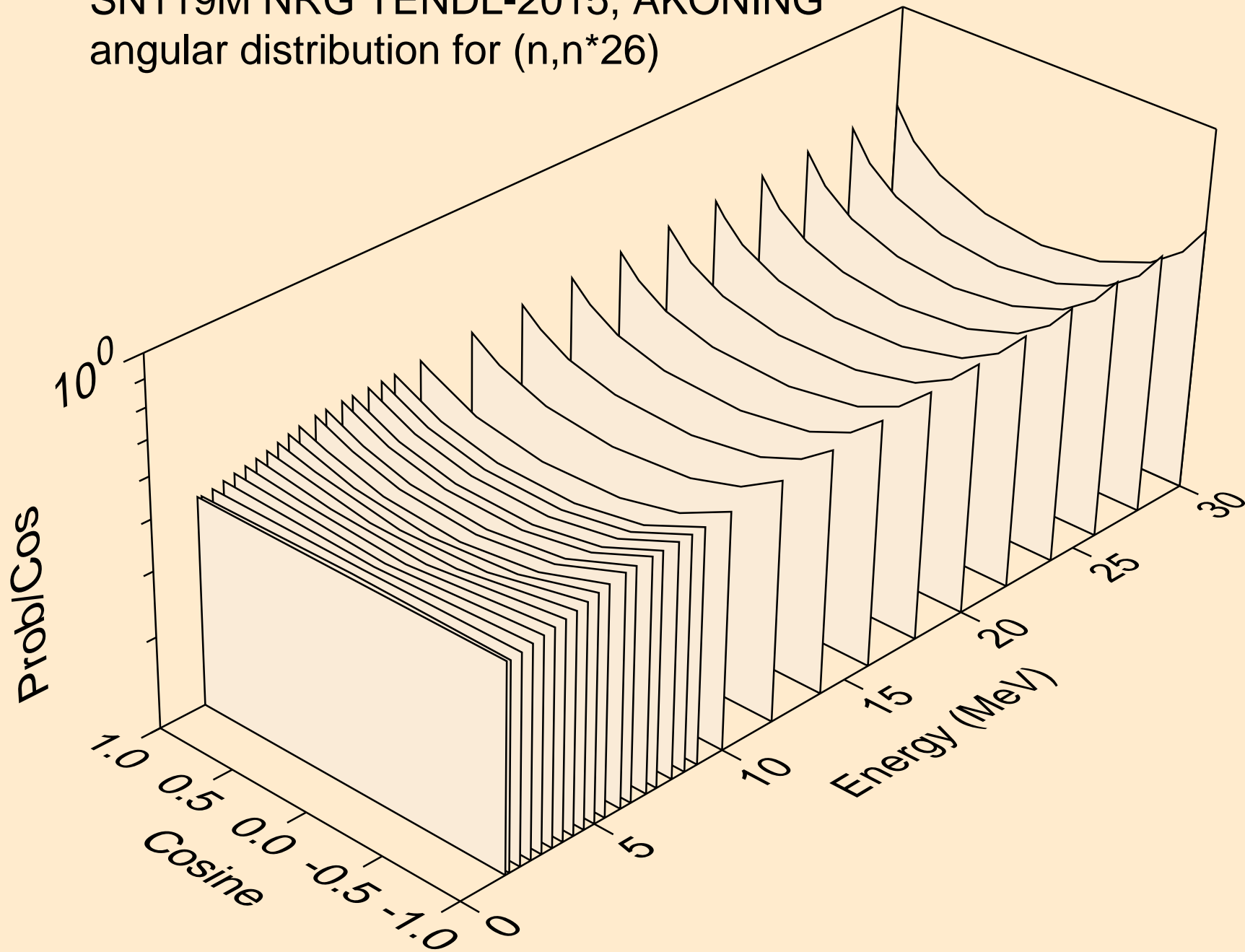




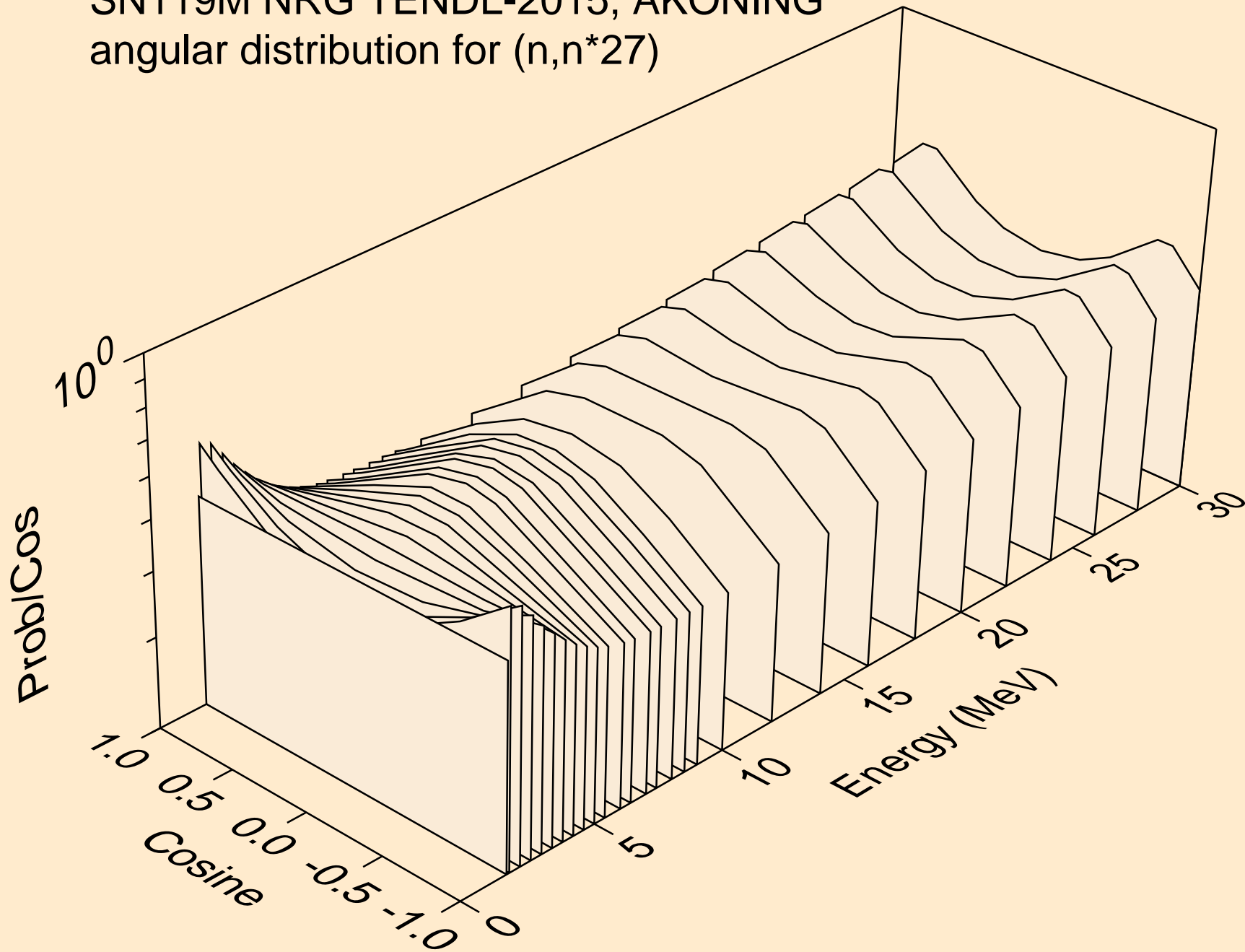
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*25)



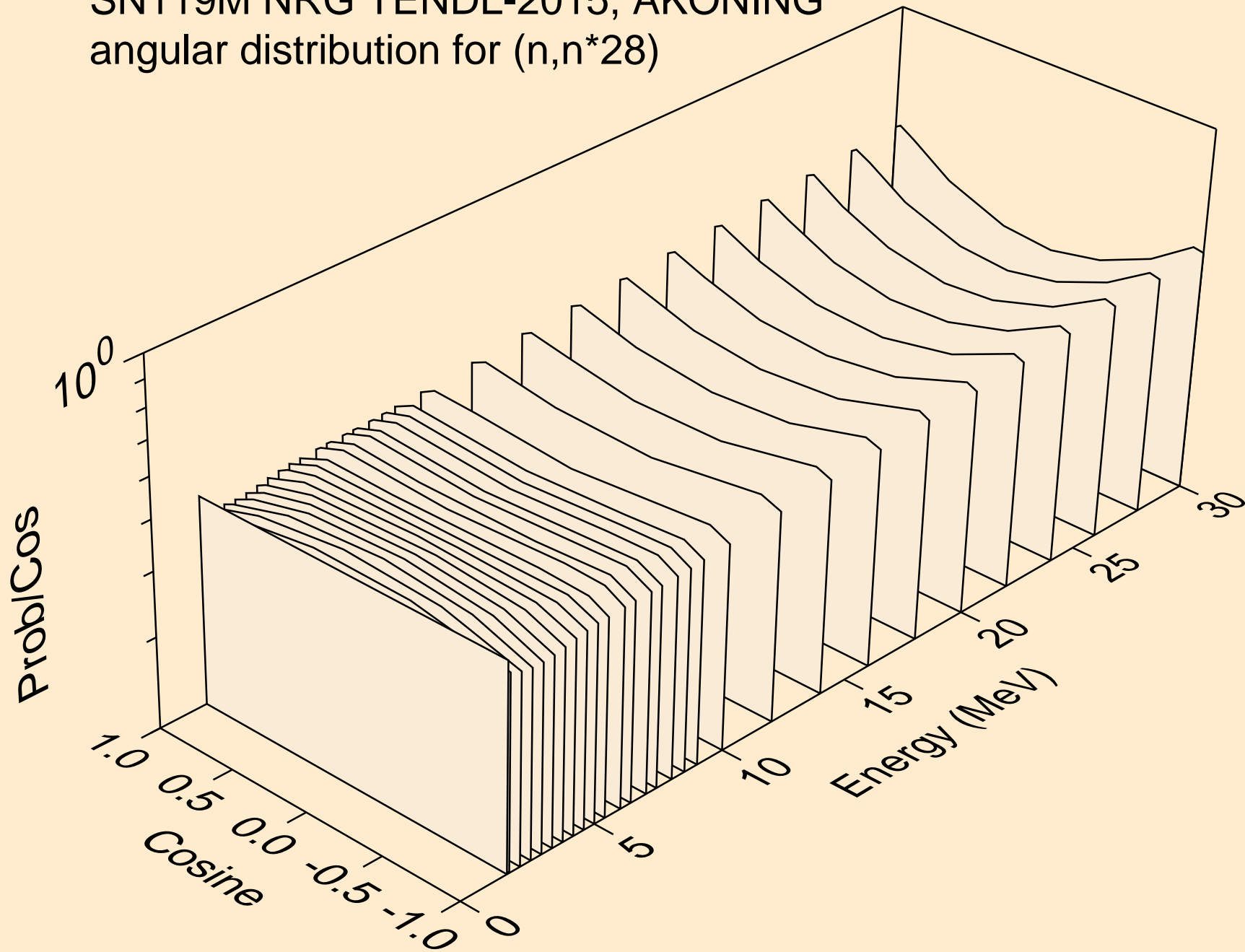
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*26)



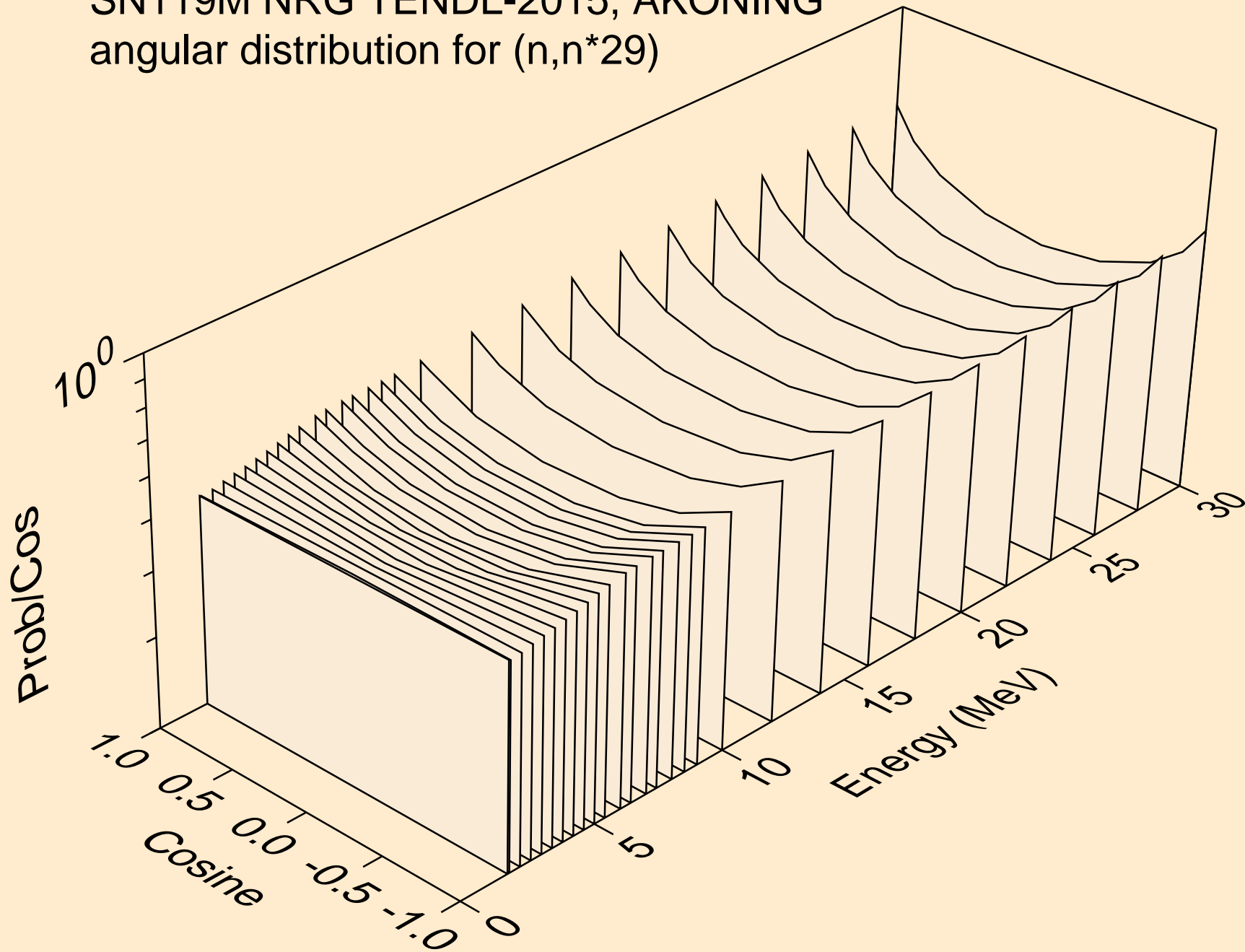
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*27)



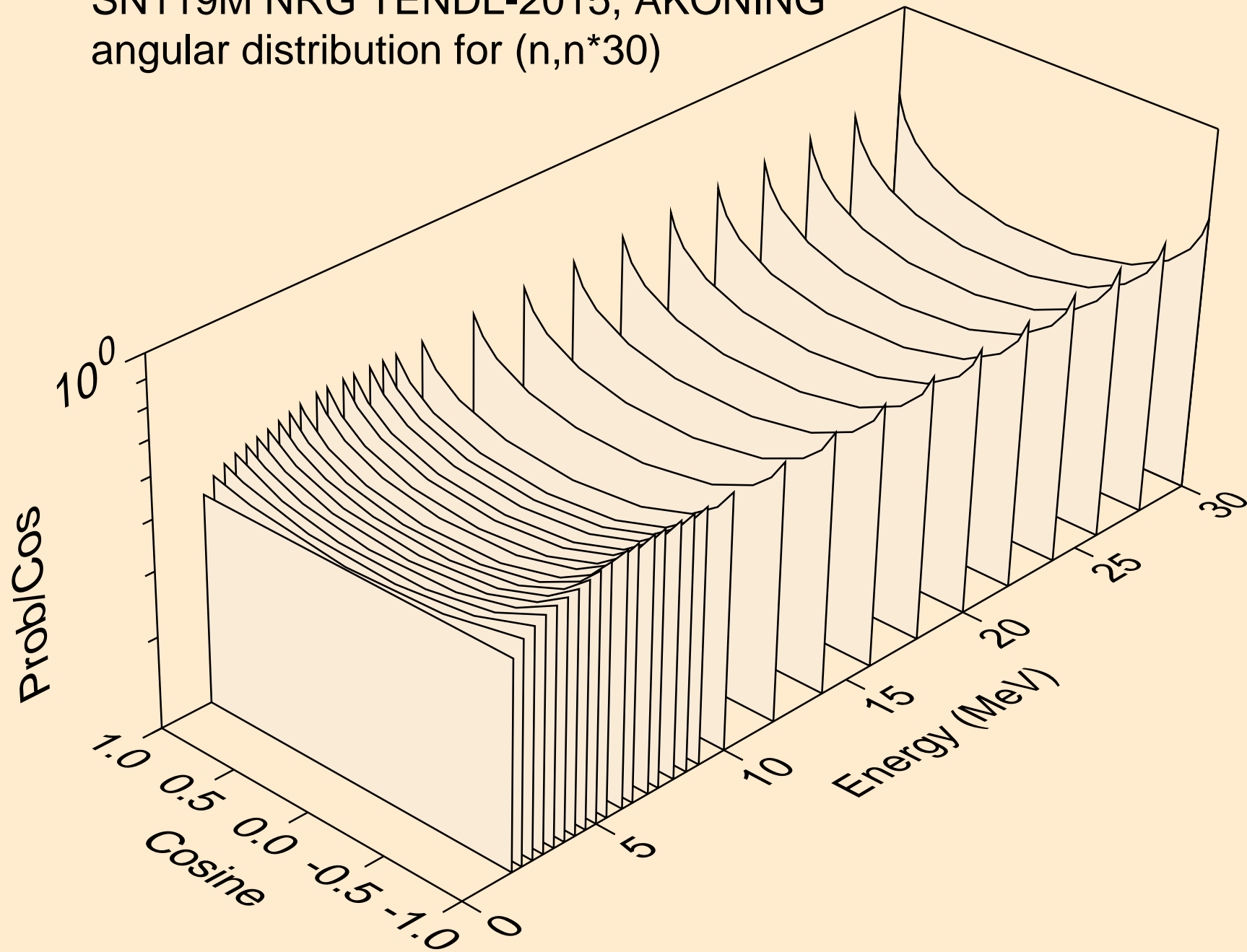
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*28)



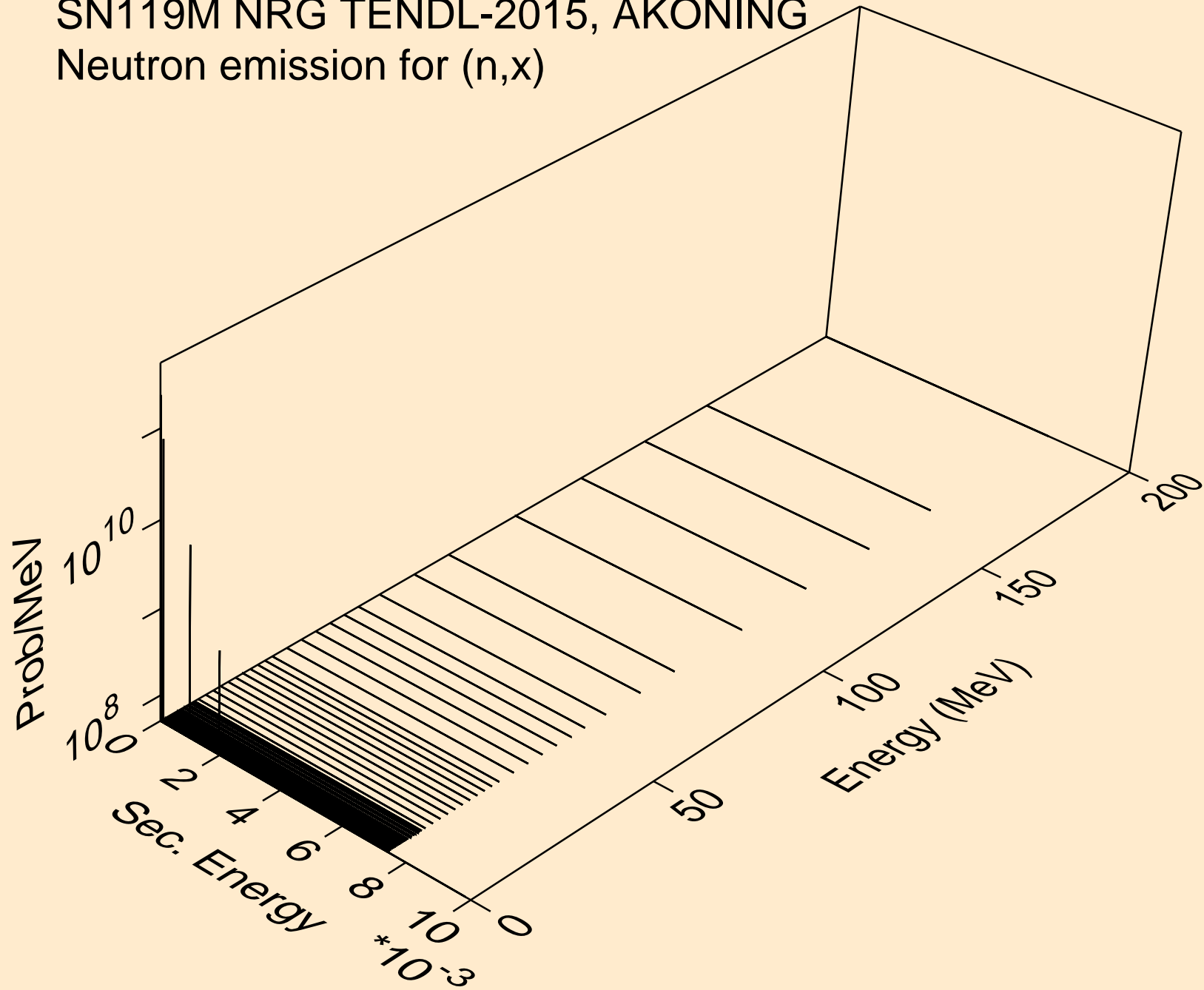
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*29)



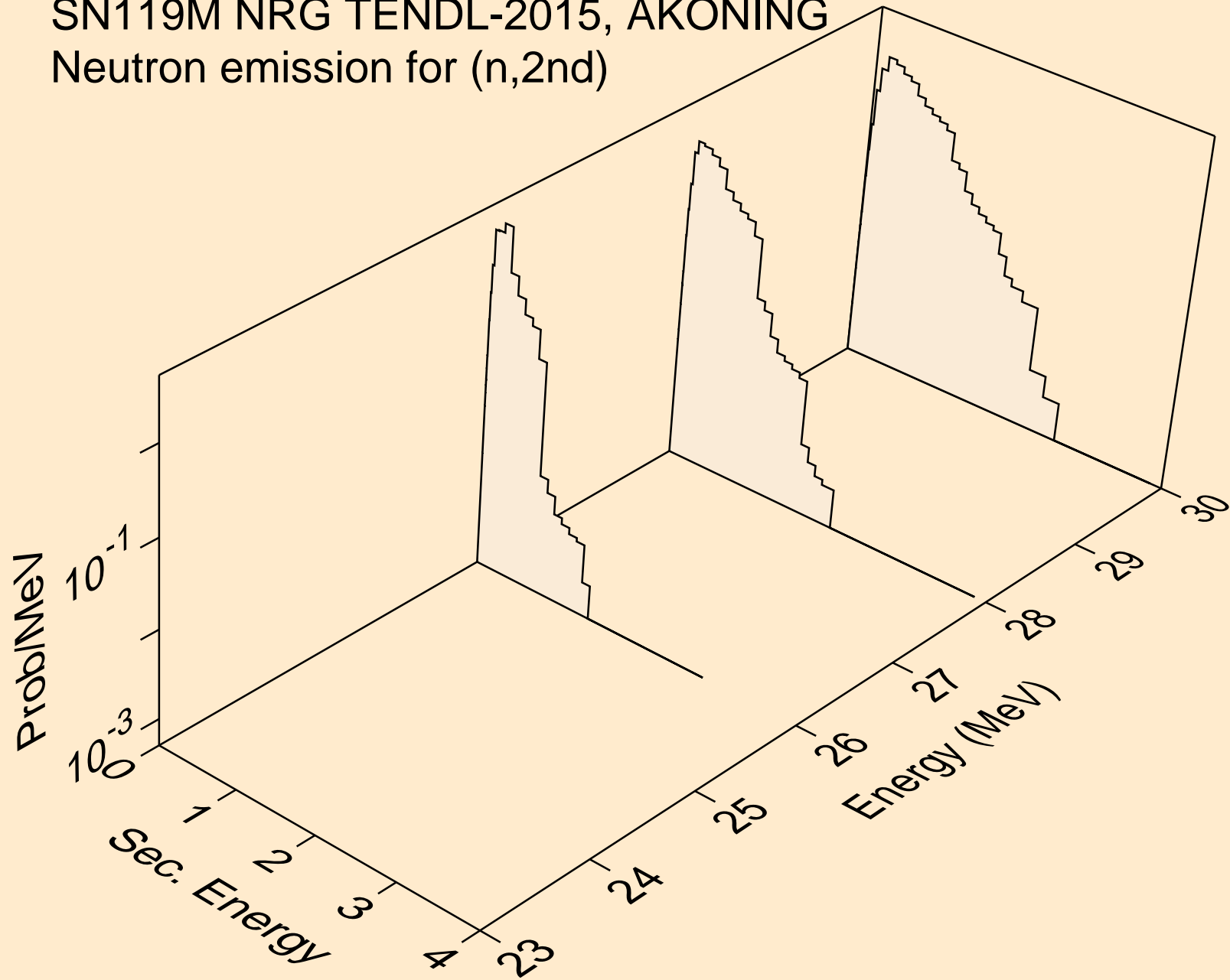
SN119M NRG TENDL-2015, AKONING  
angular distribution for (n,n\*30)



SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,x)

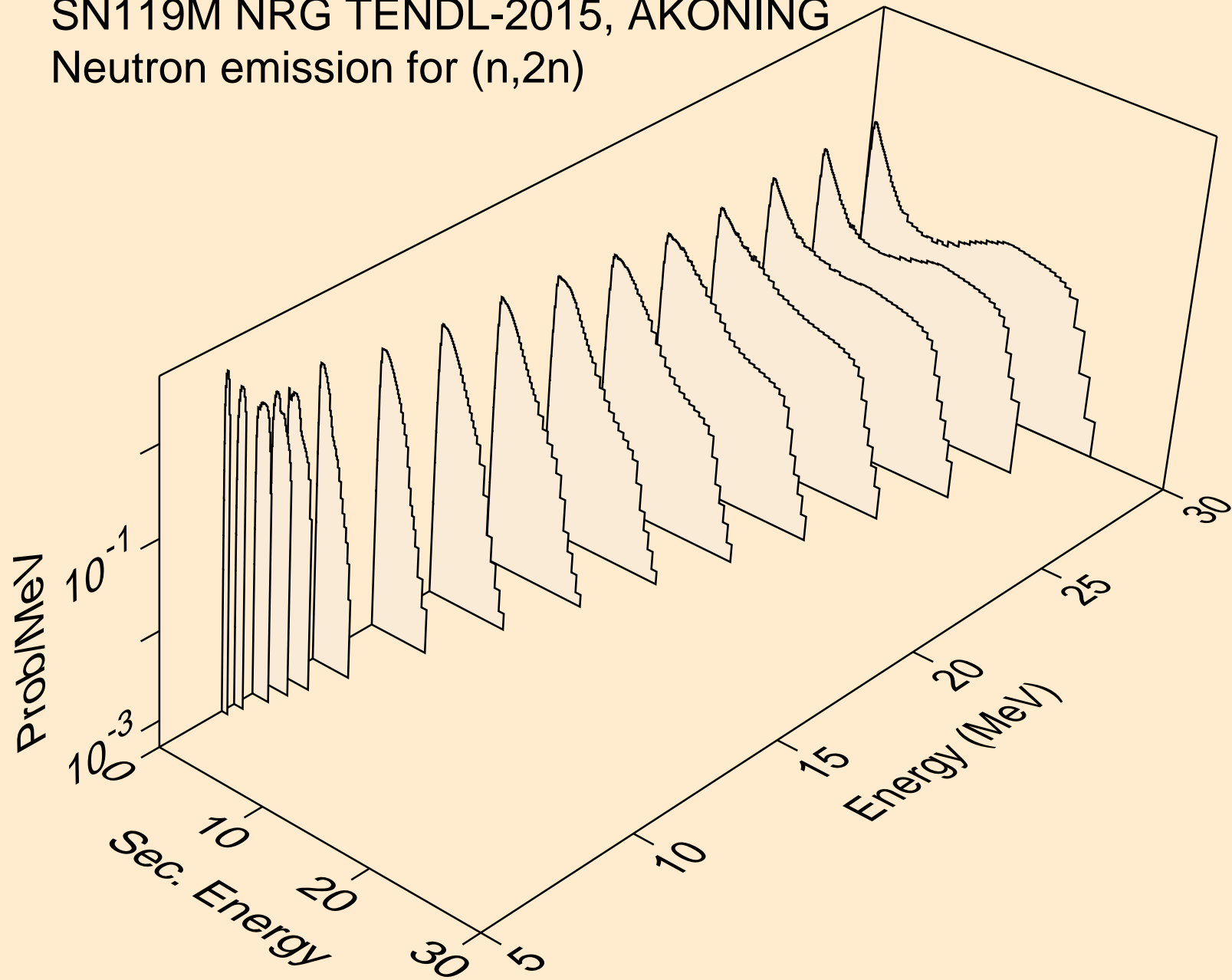


SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,2nd)

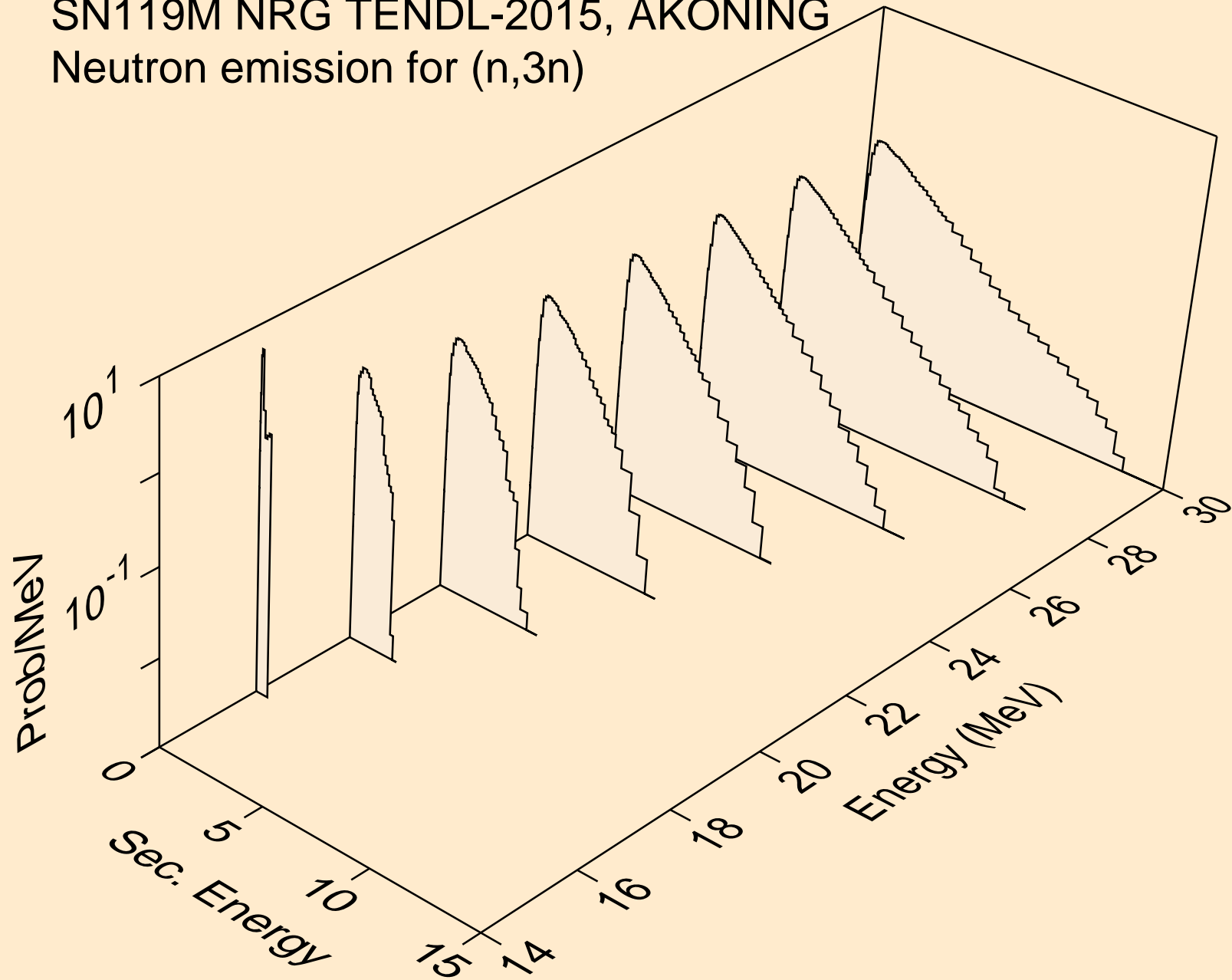




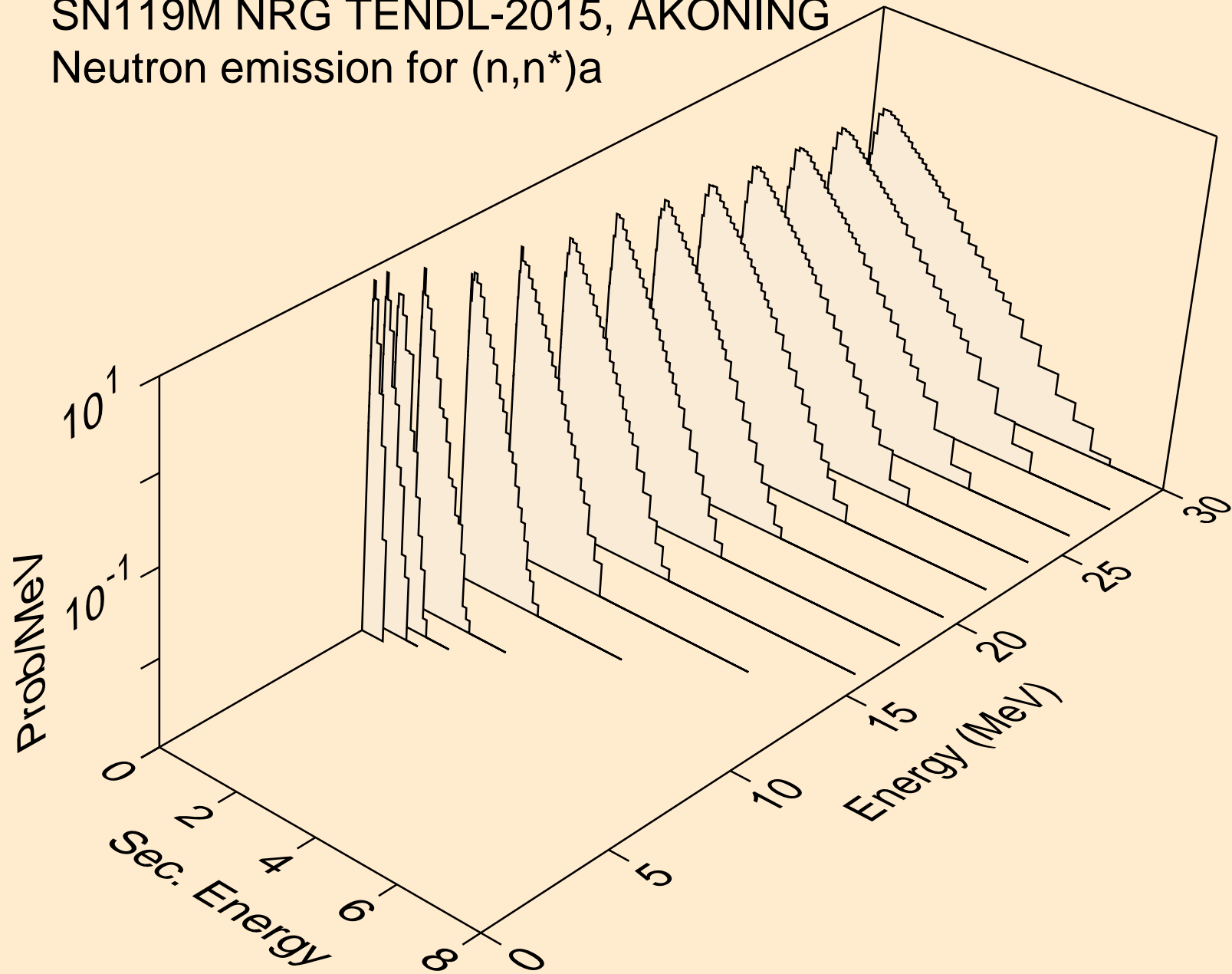
SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)



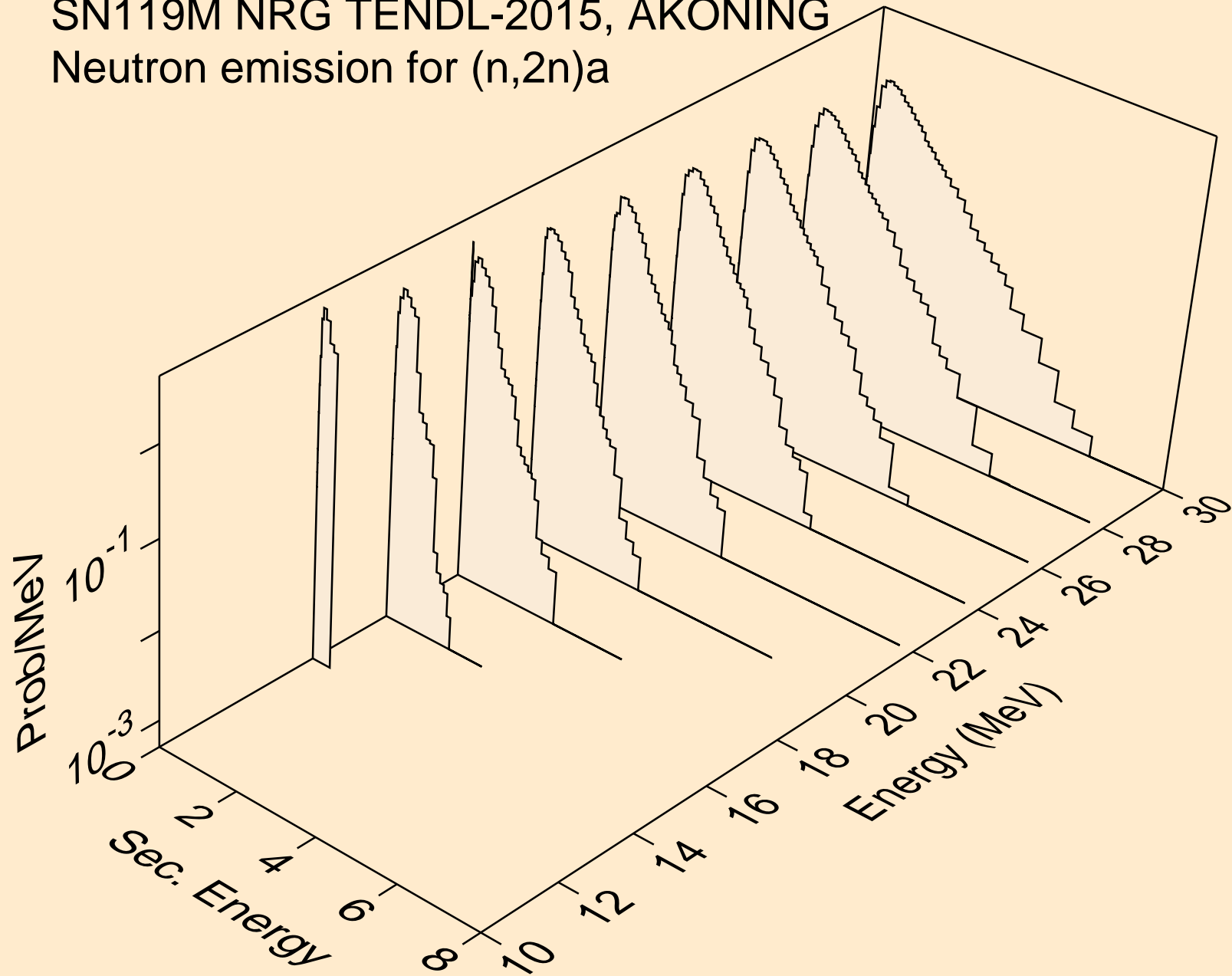
SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)



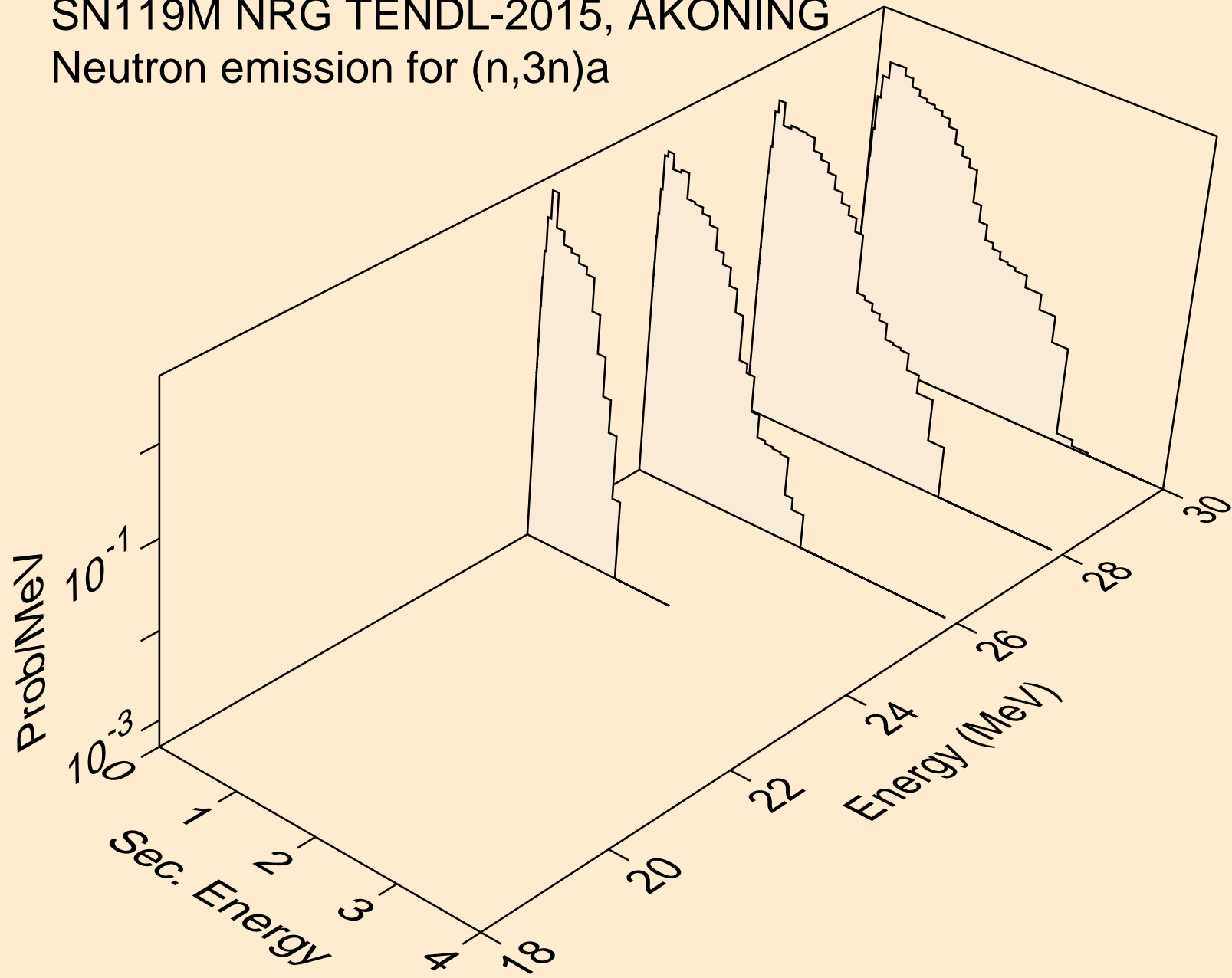
SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)a



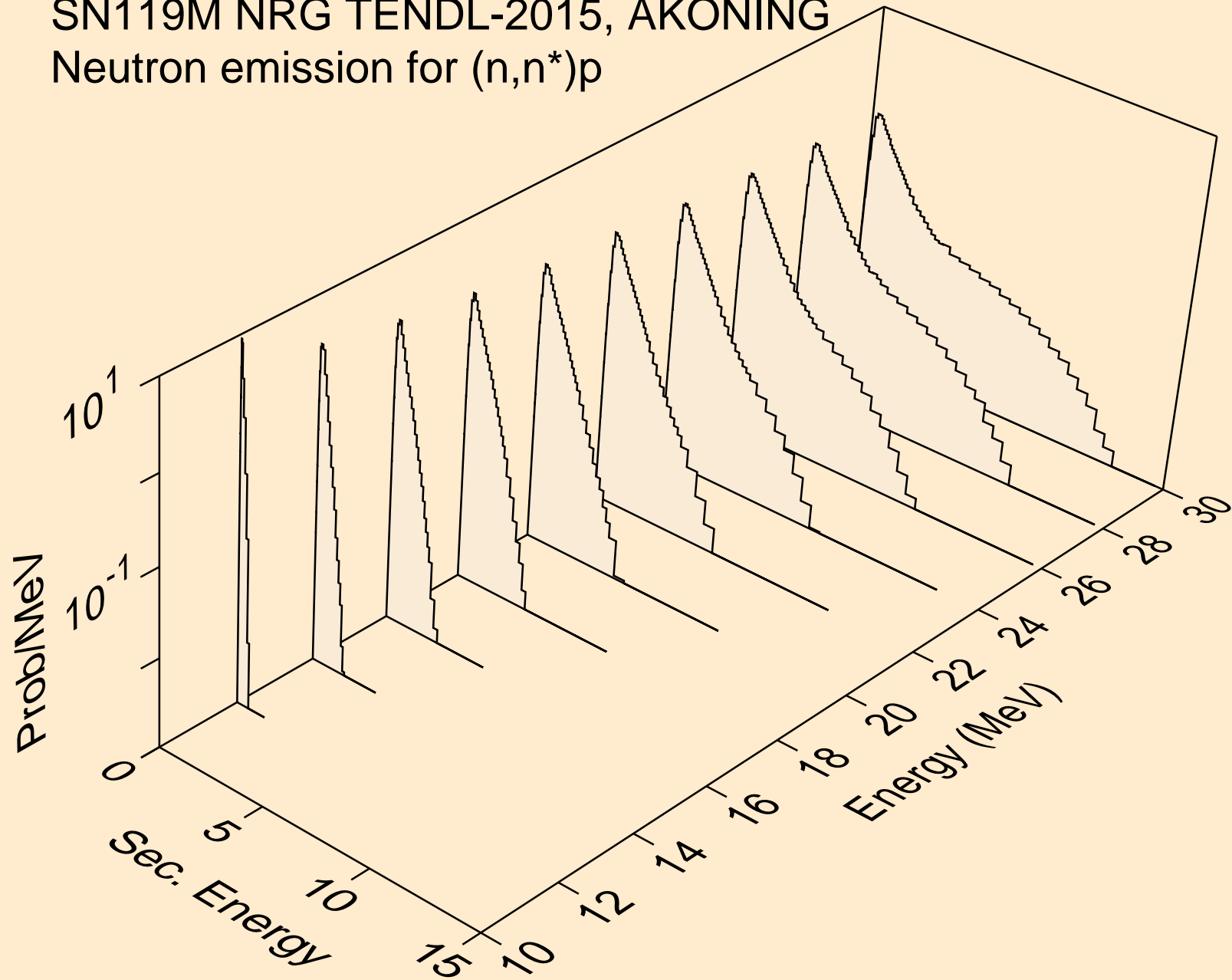
SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,2n)a



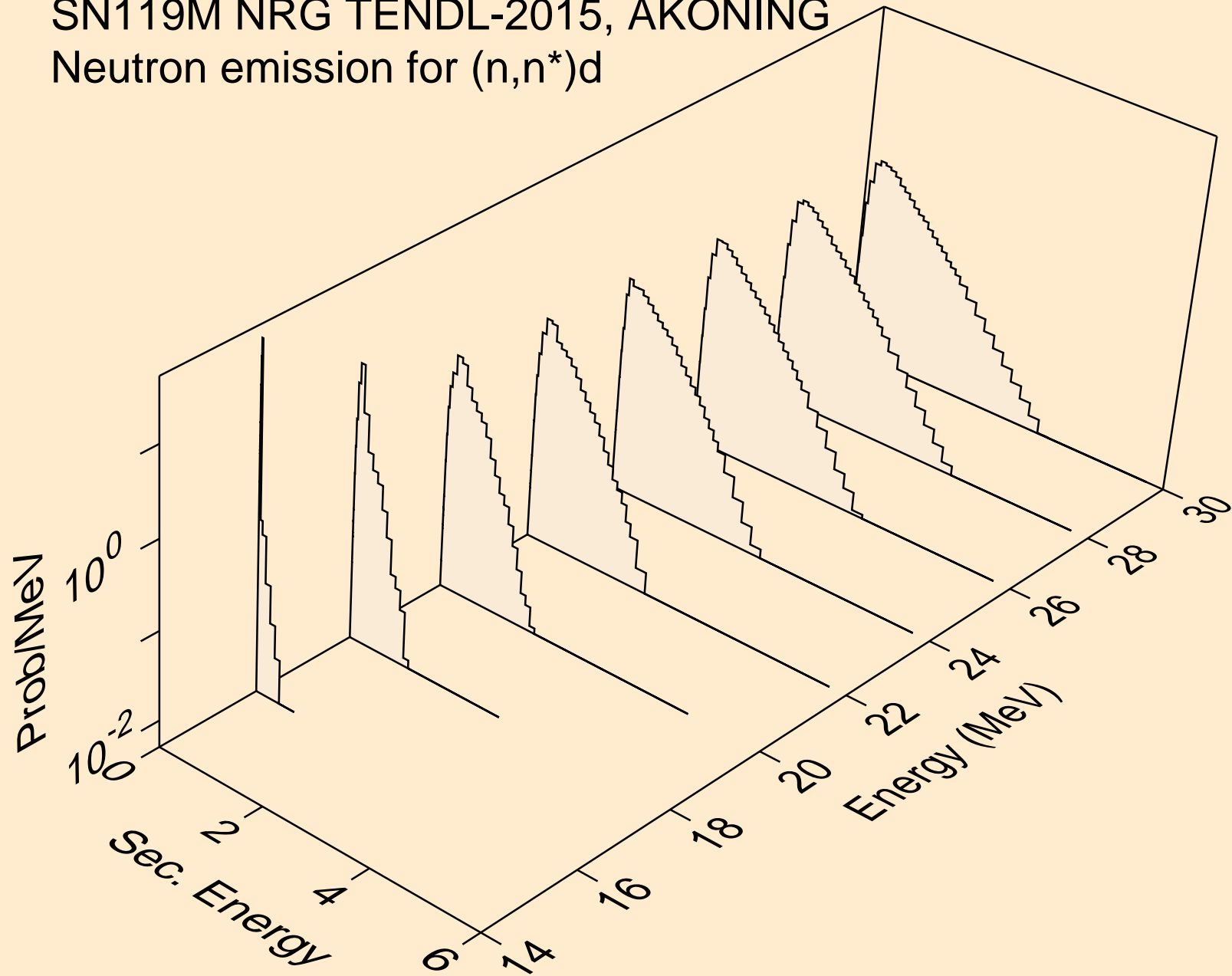
SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,3n)a



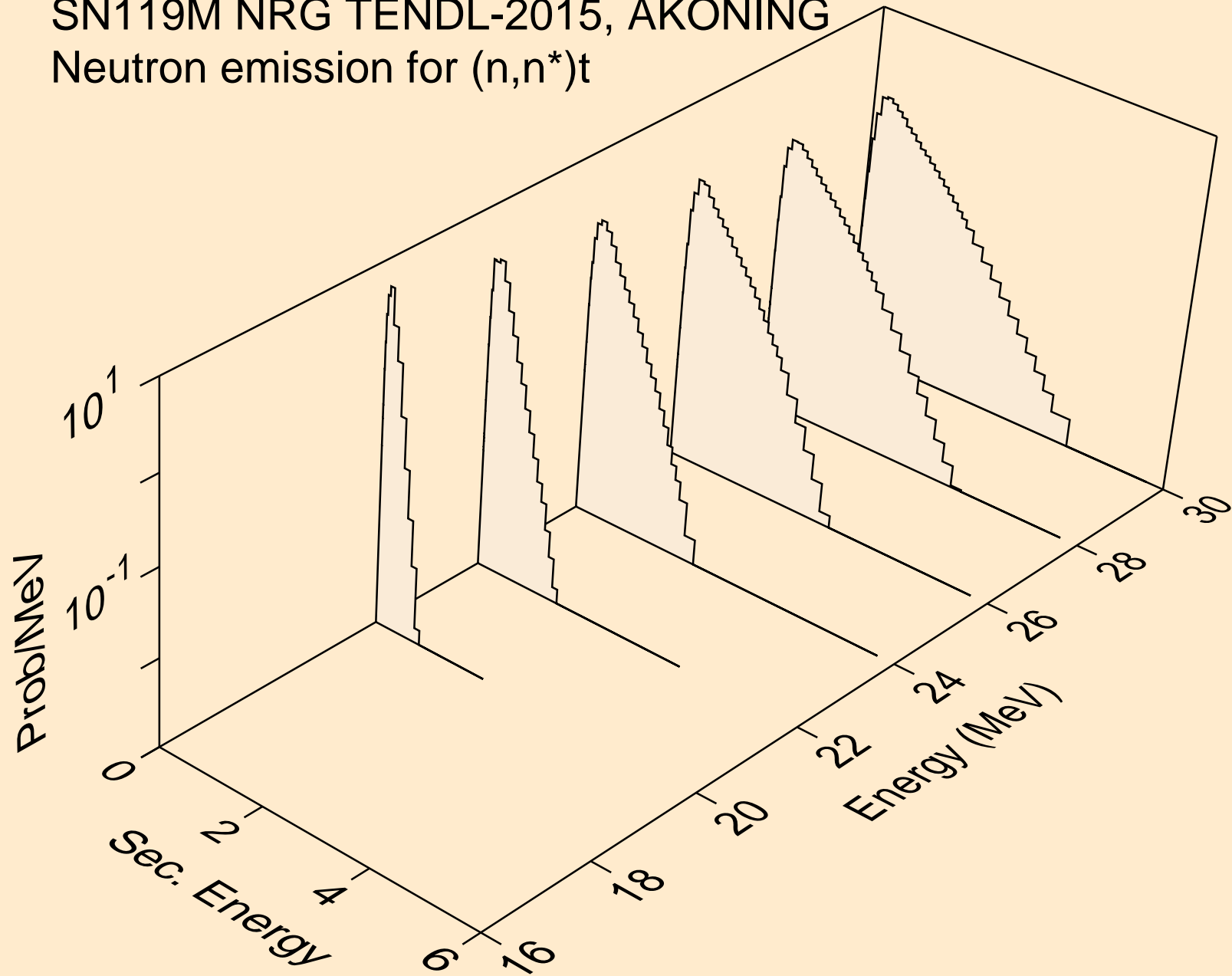
SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)p



SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)d

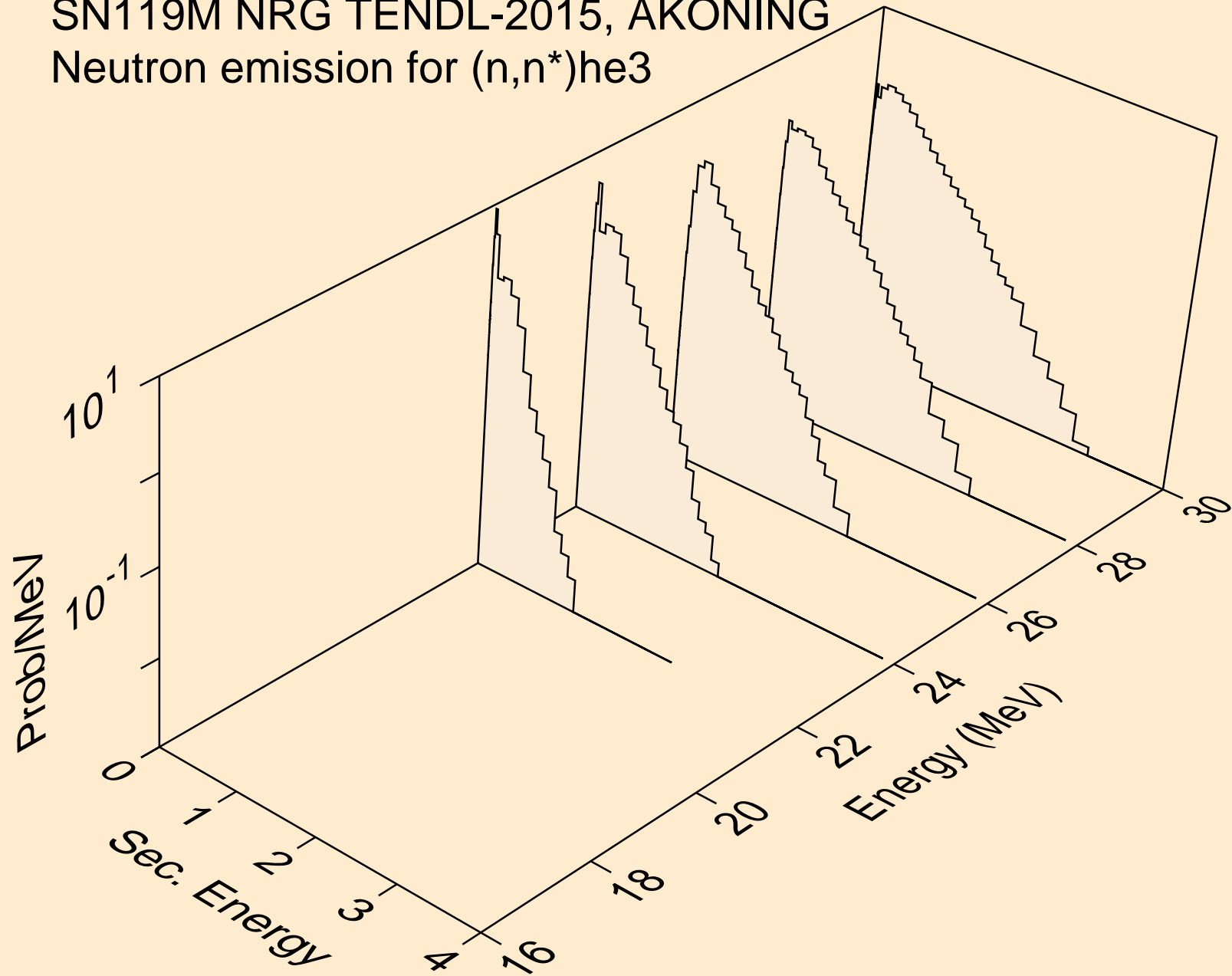


SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)t

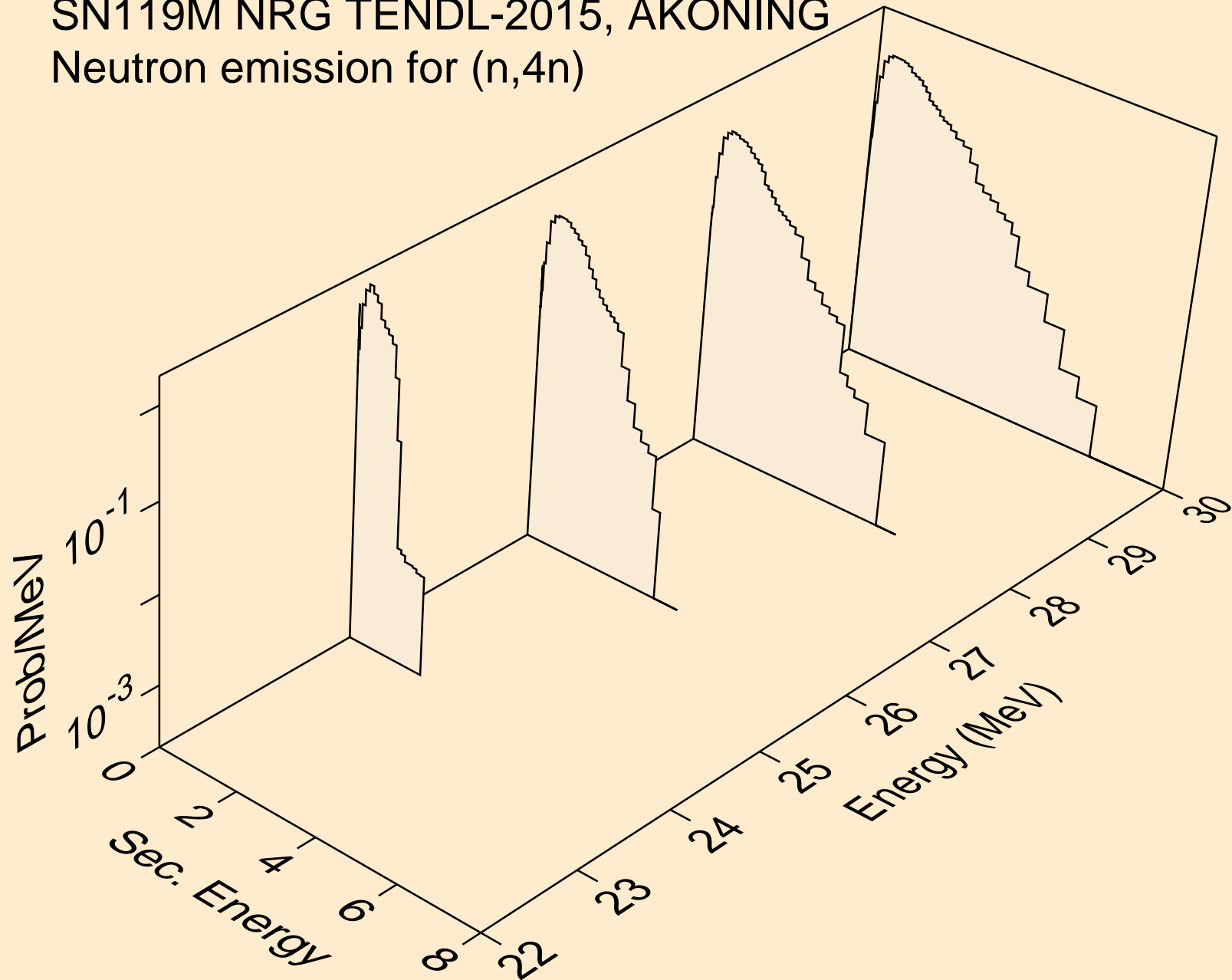




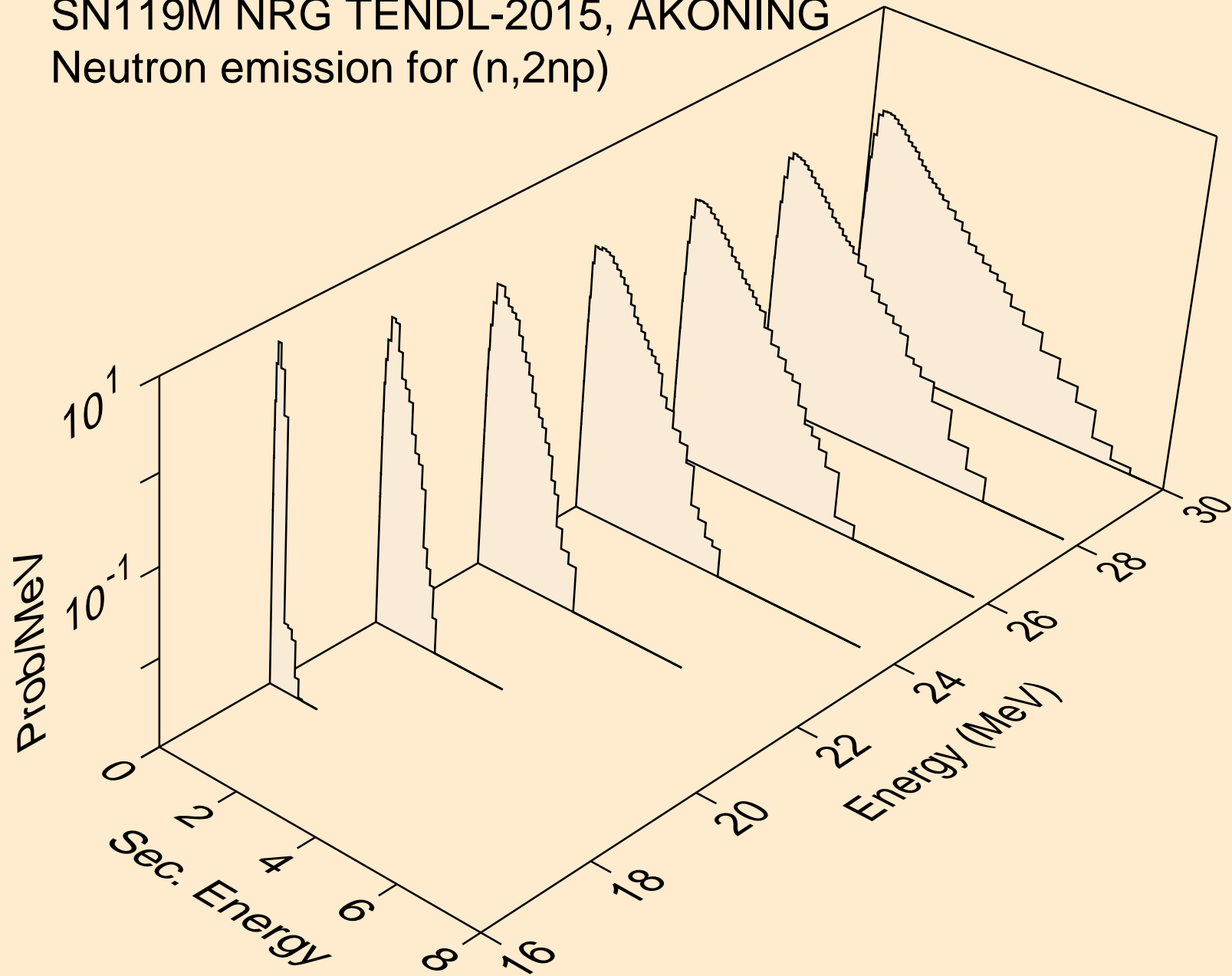
SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*)he3



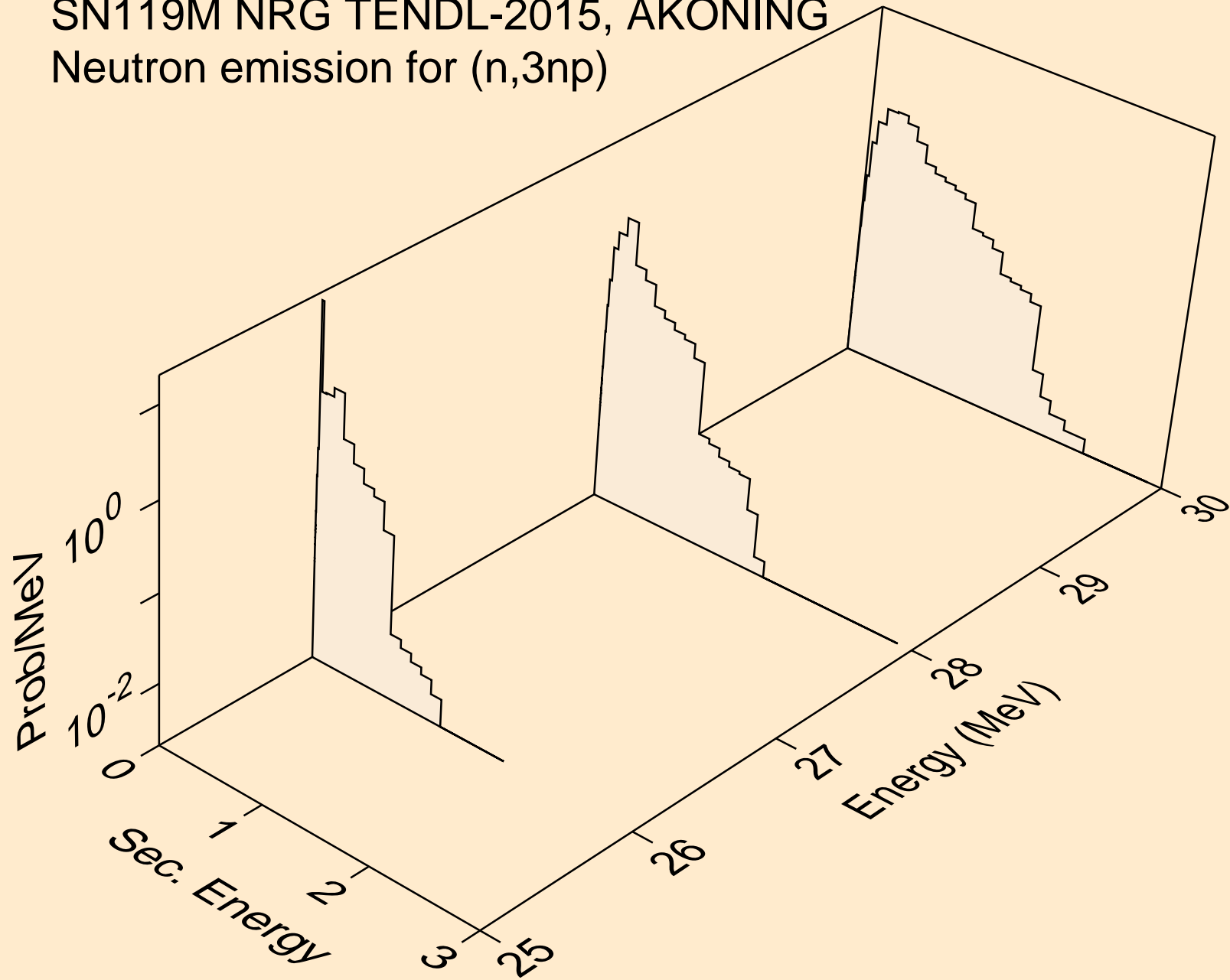
SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,4n)



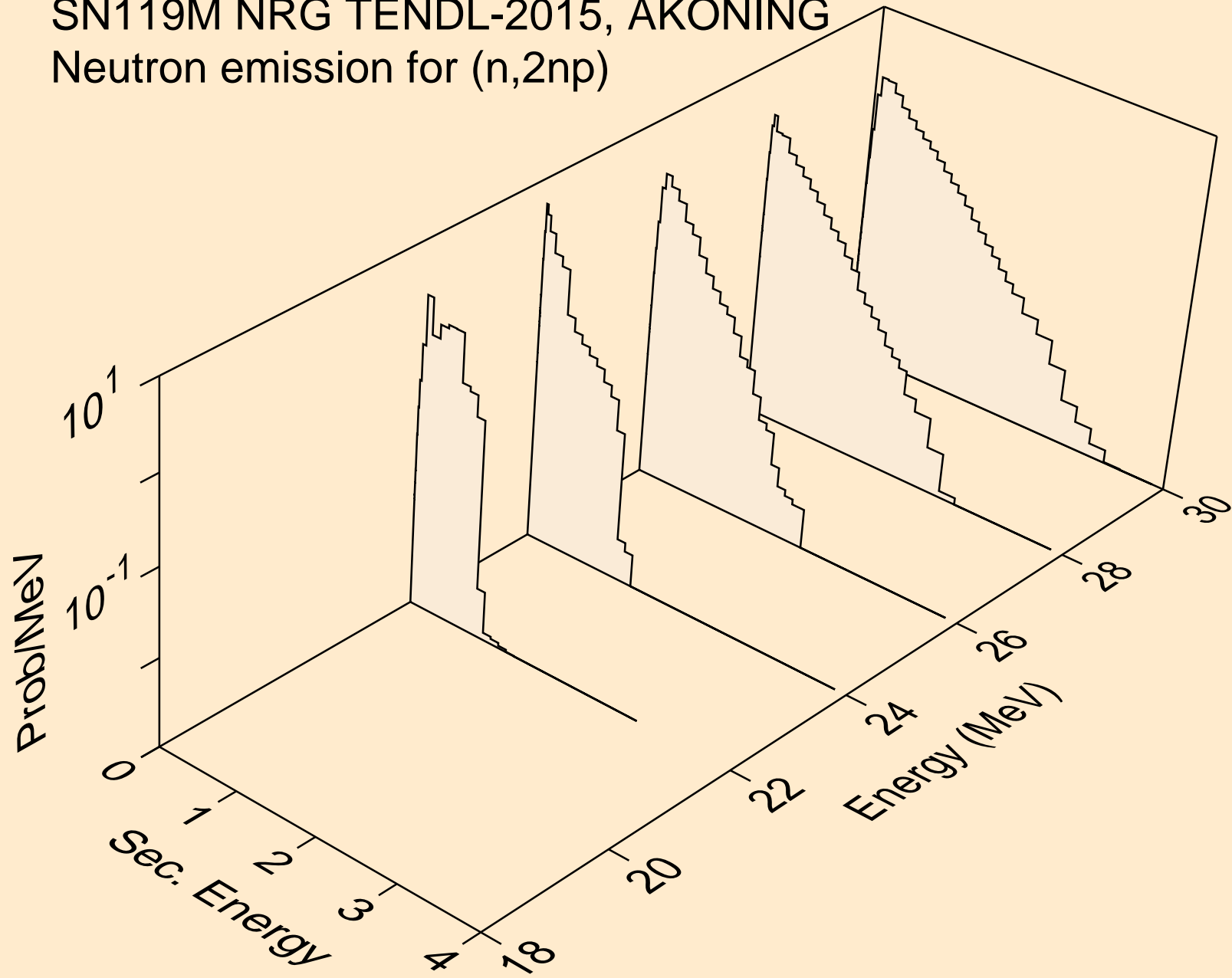
SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



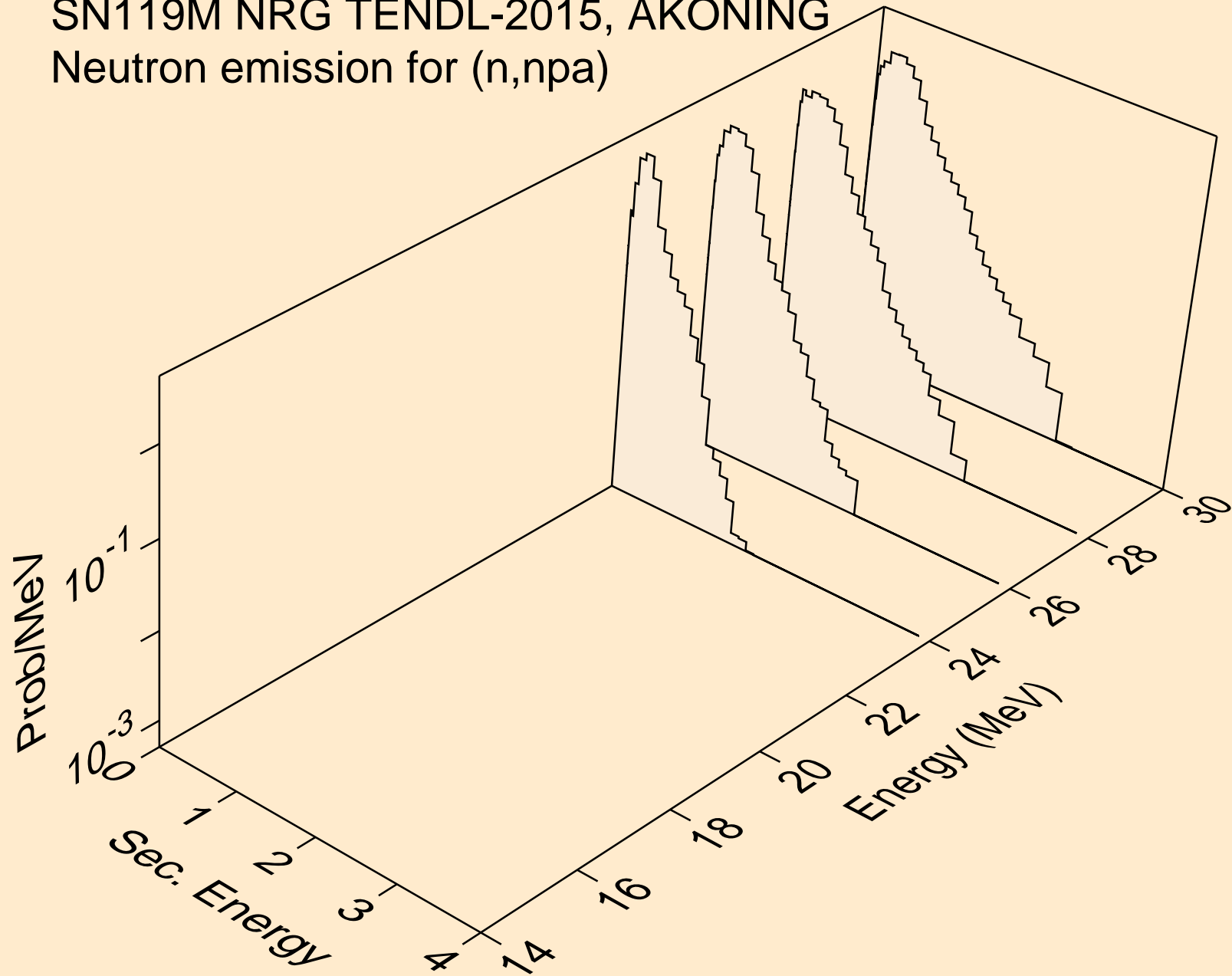
SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,3np)



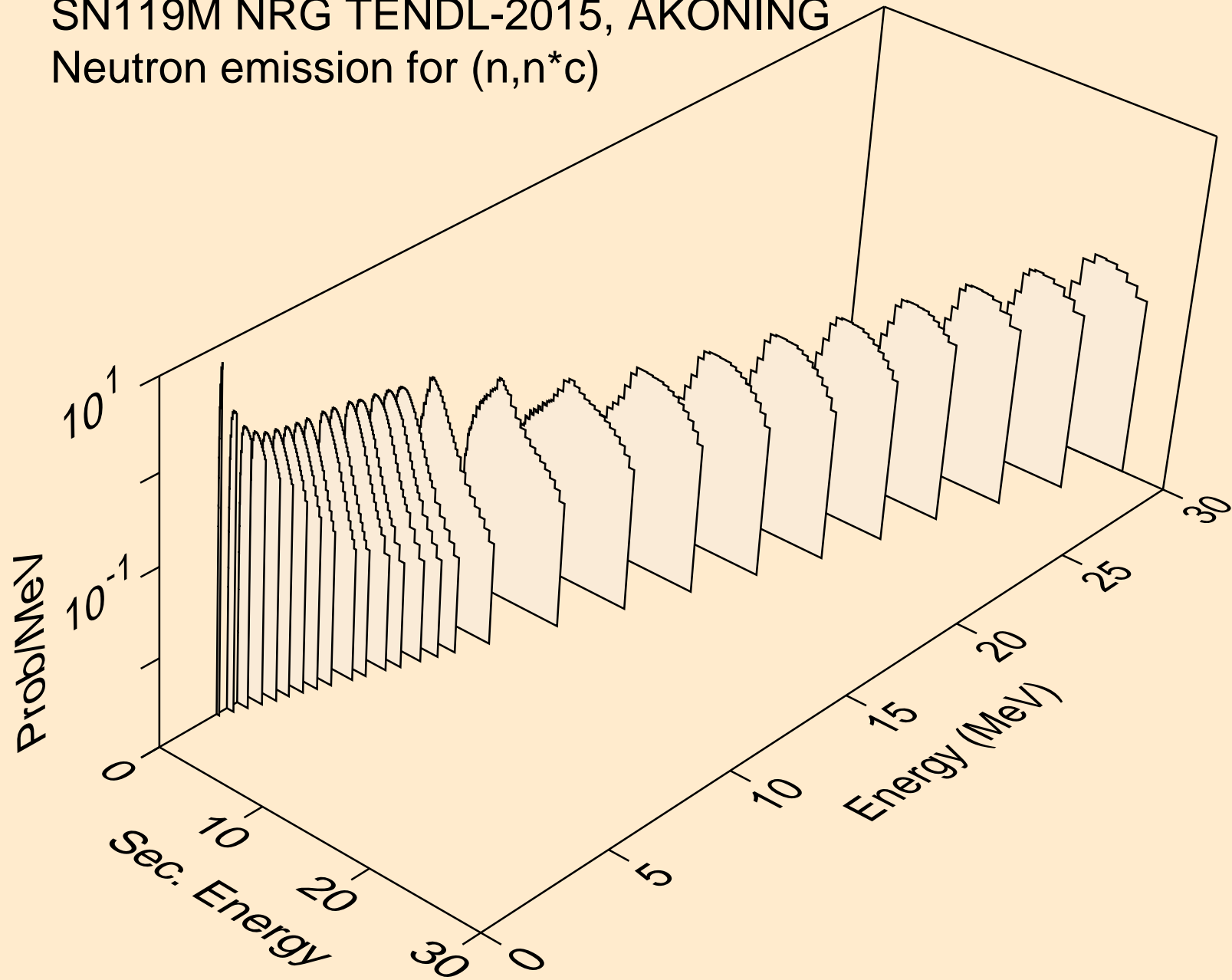
SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,2np)



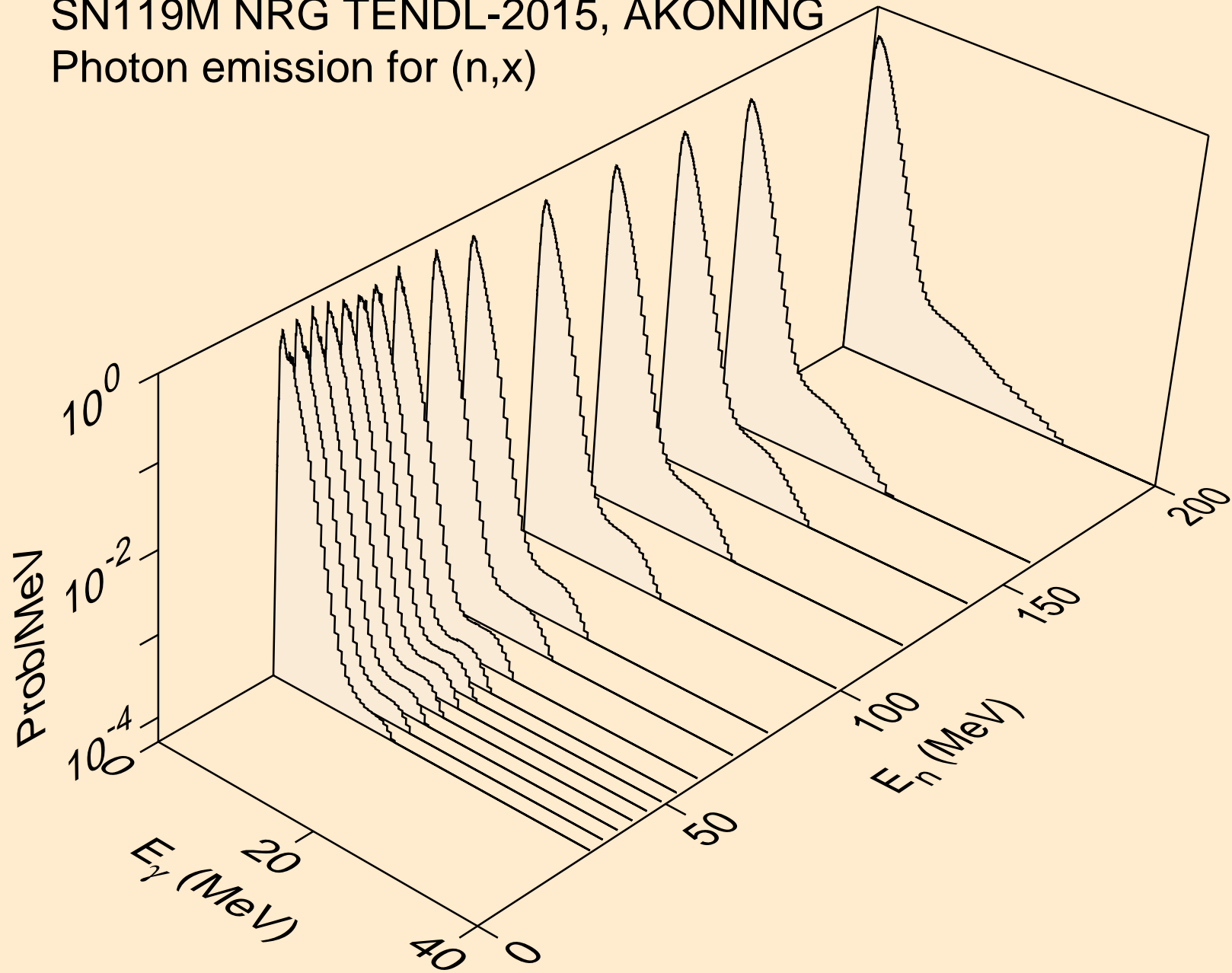
SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,npa)



SN119M NRG TENDL-2015, AKONING  
Neutron emission for (n,n\*c)

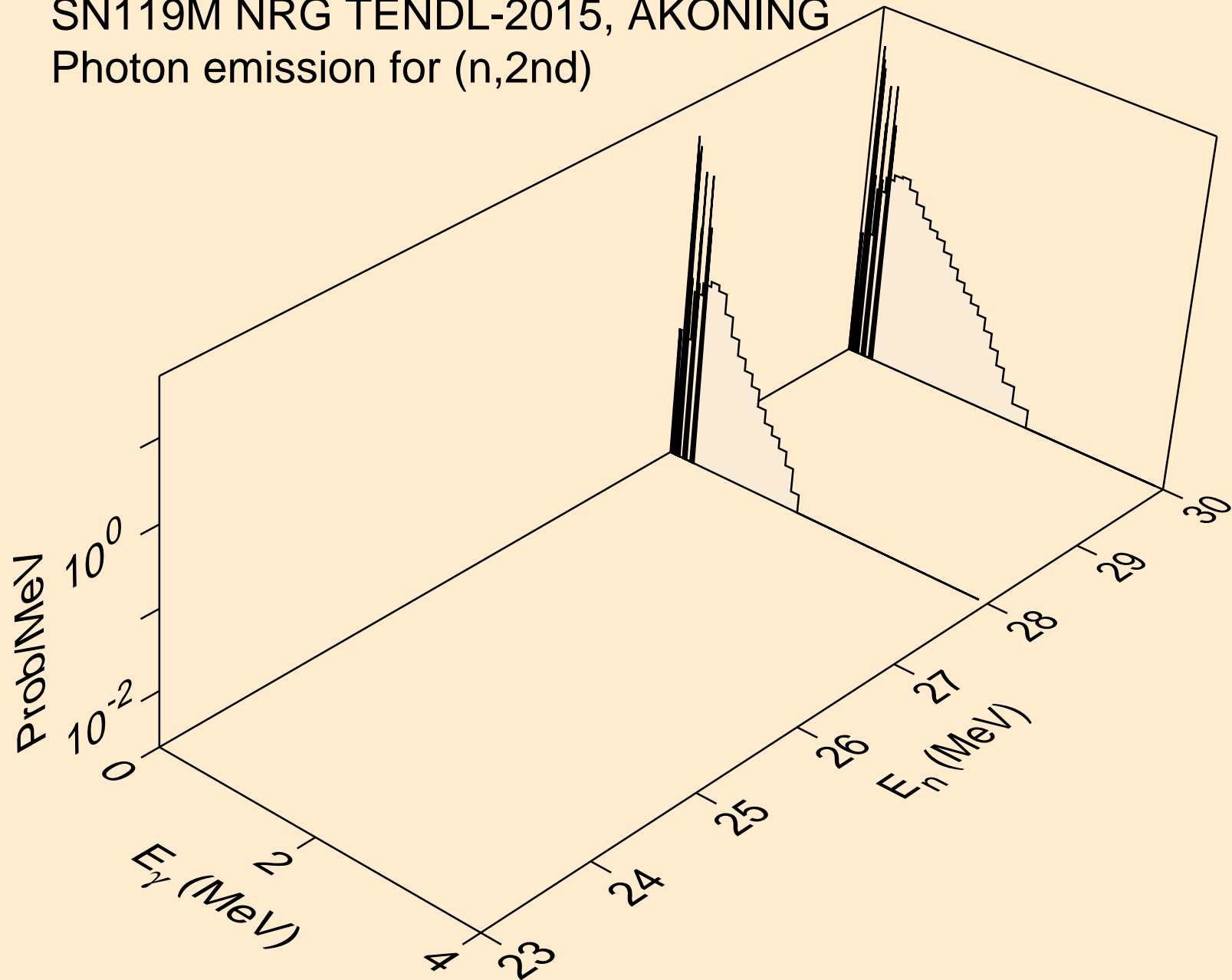


SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,x)

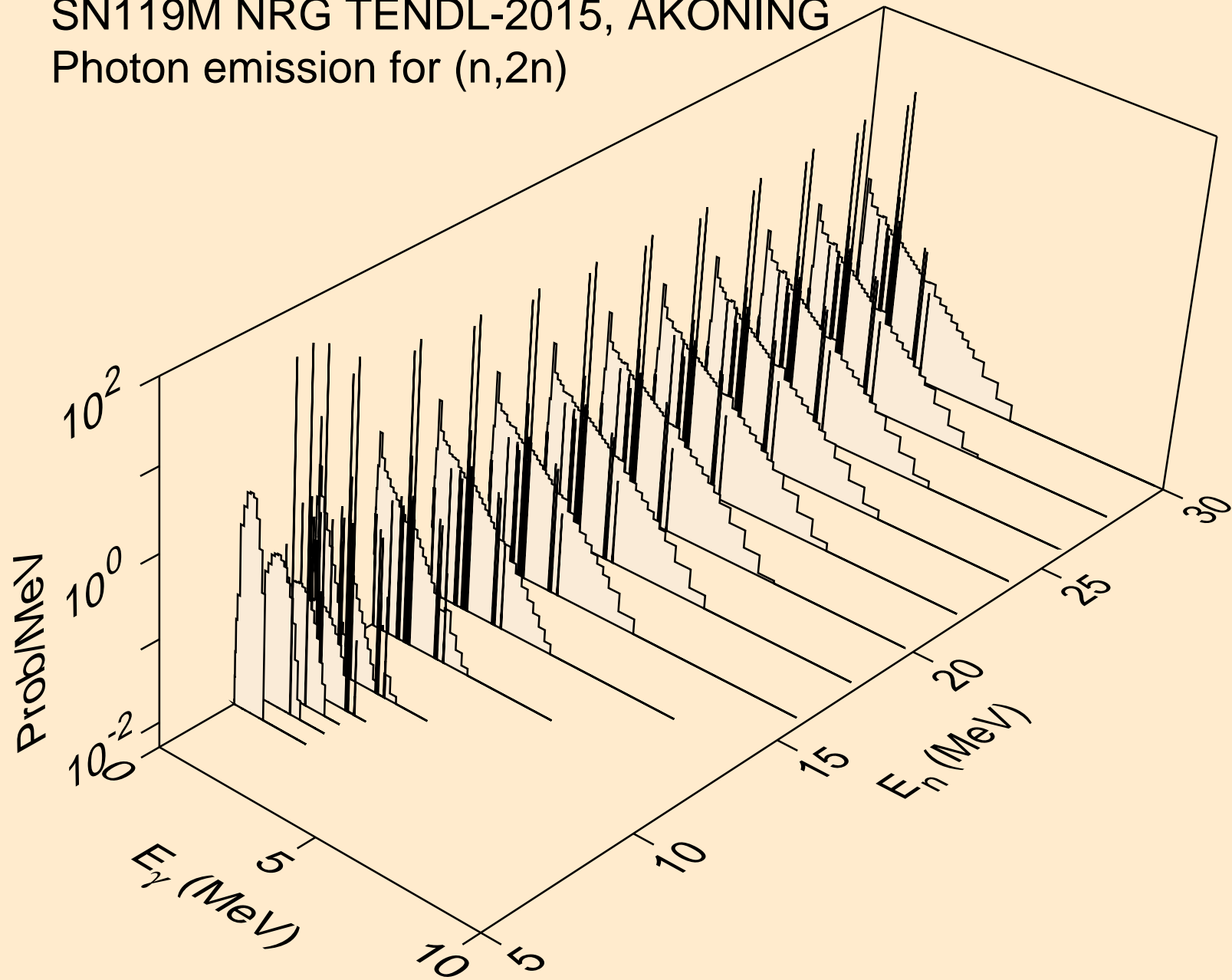




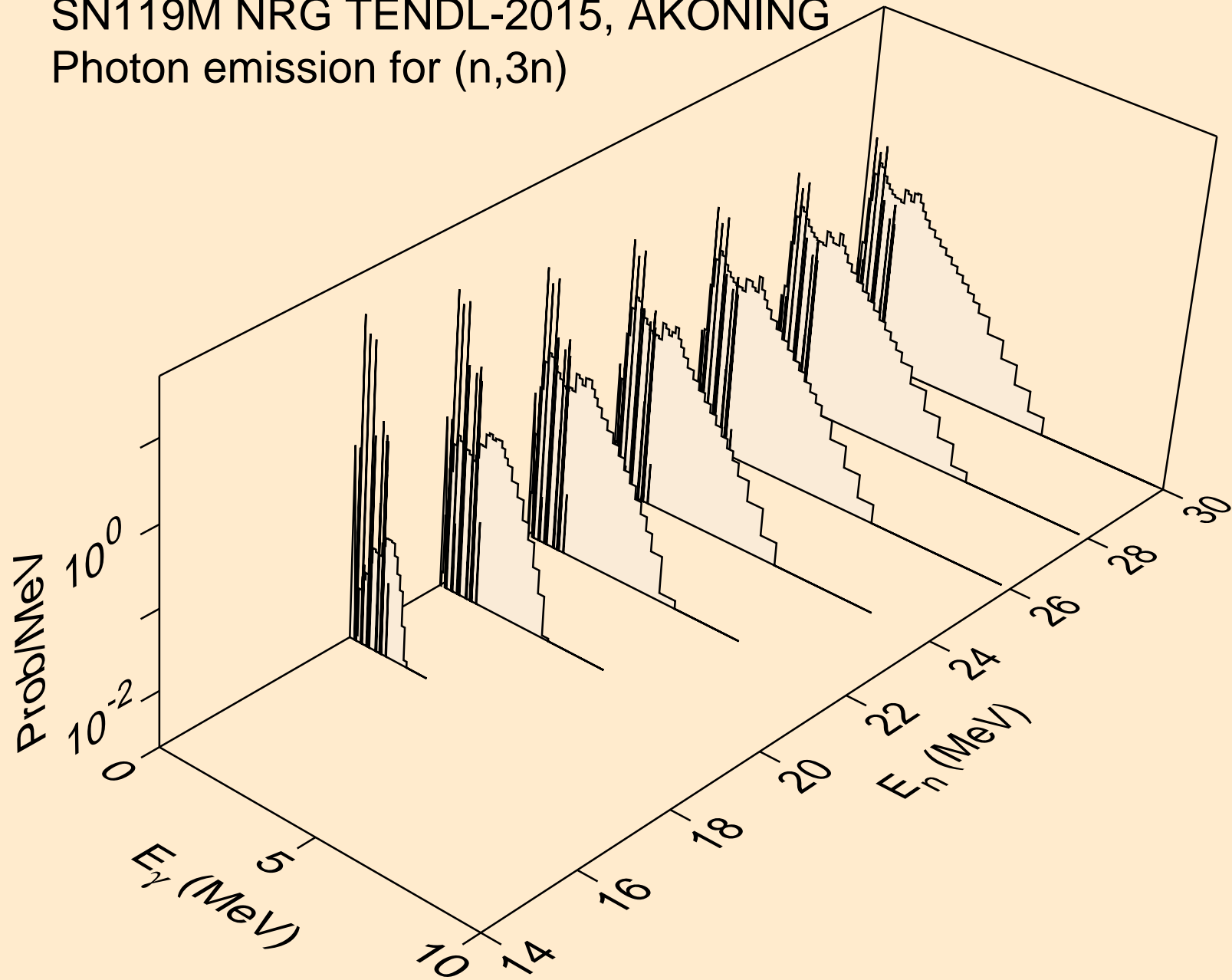
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,2nd)



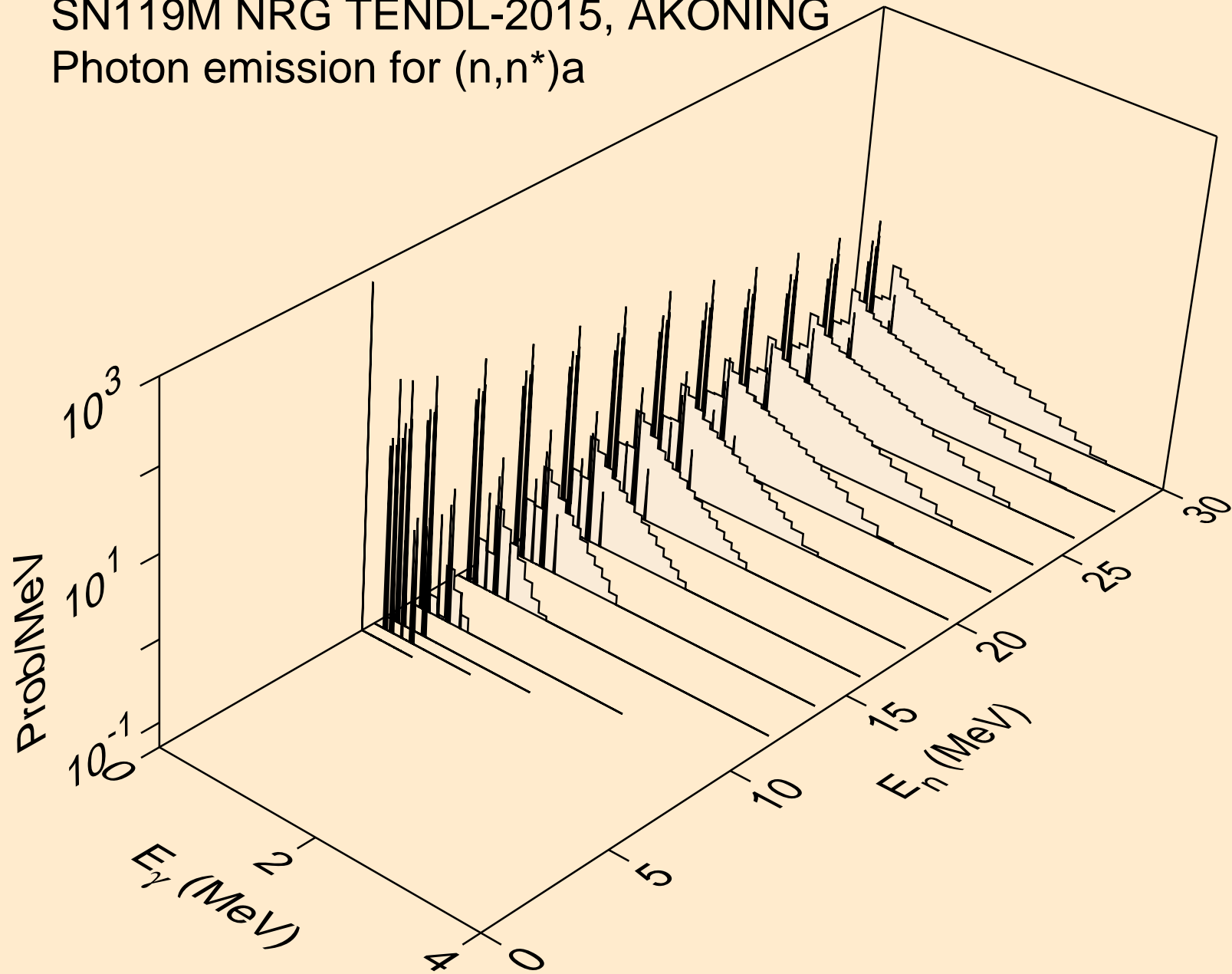
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)



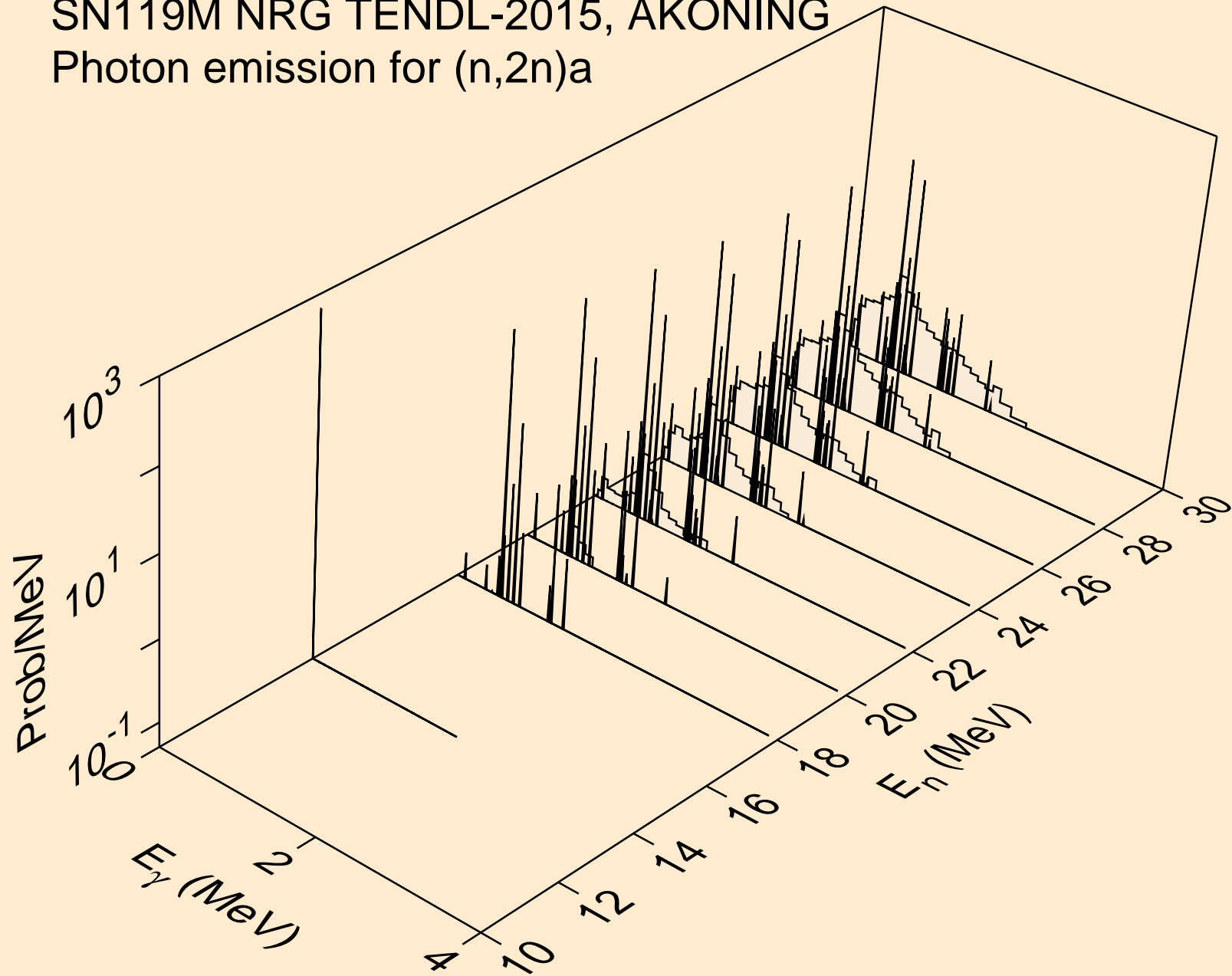
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)



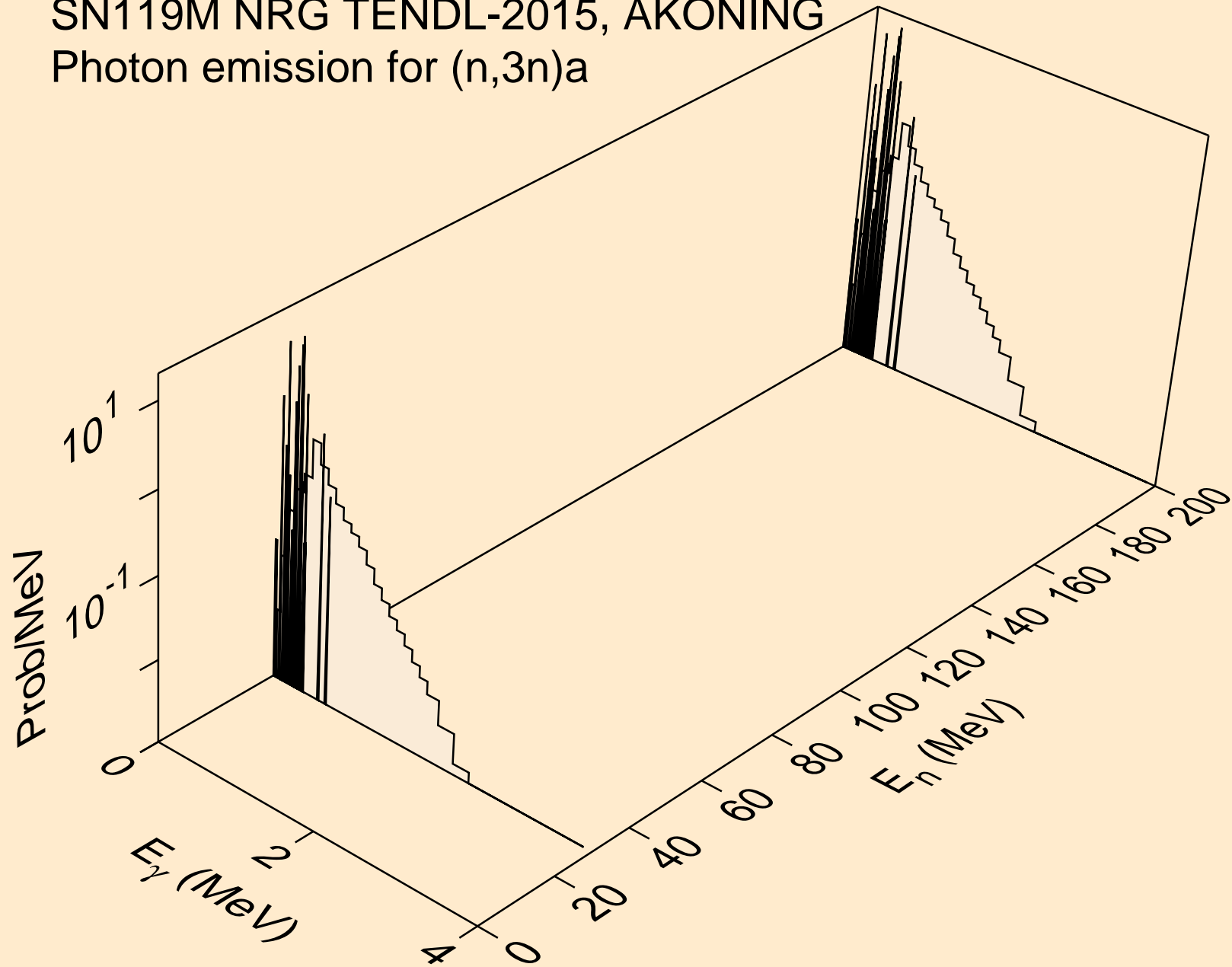
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)a



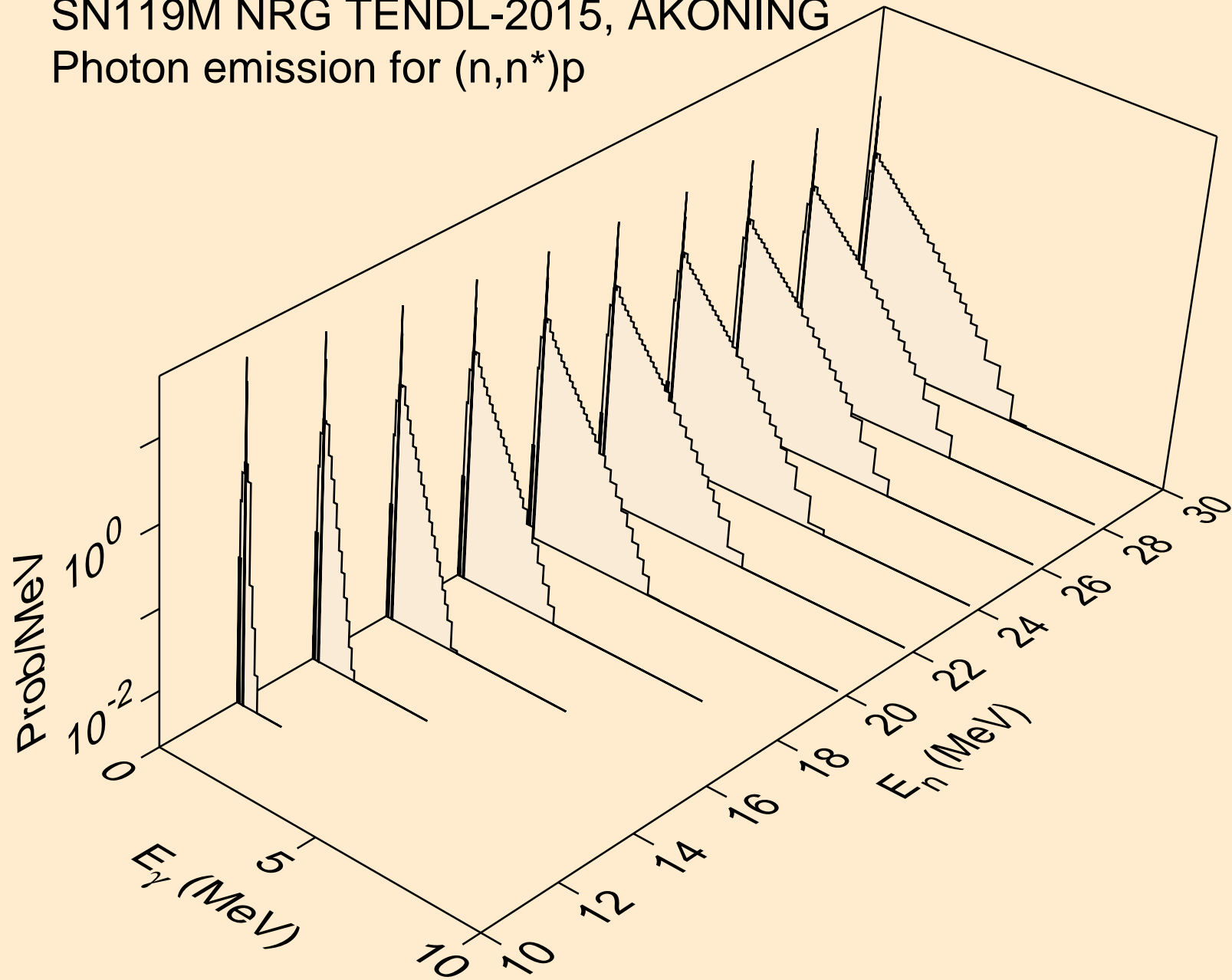
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,2n)a



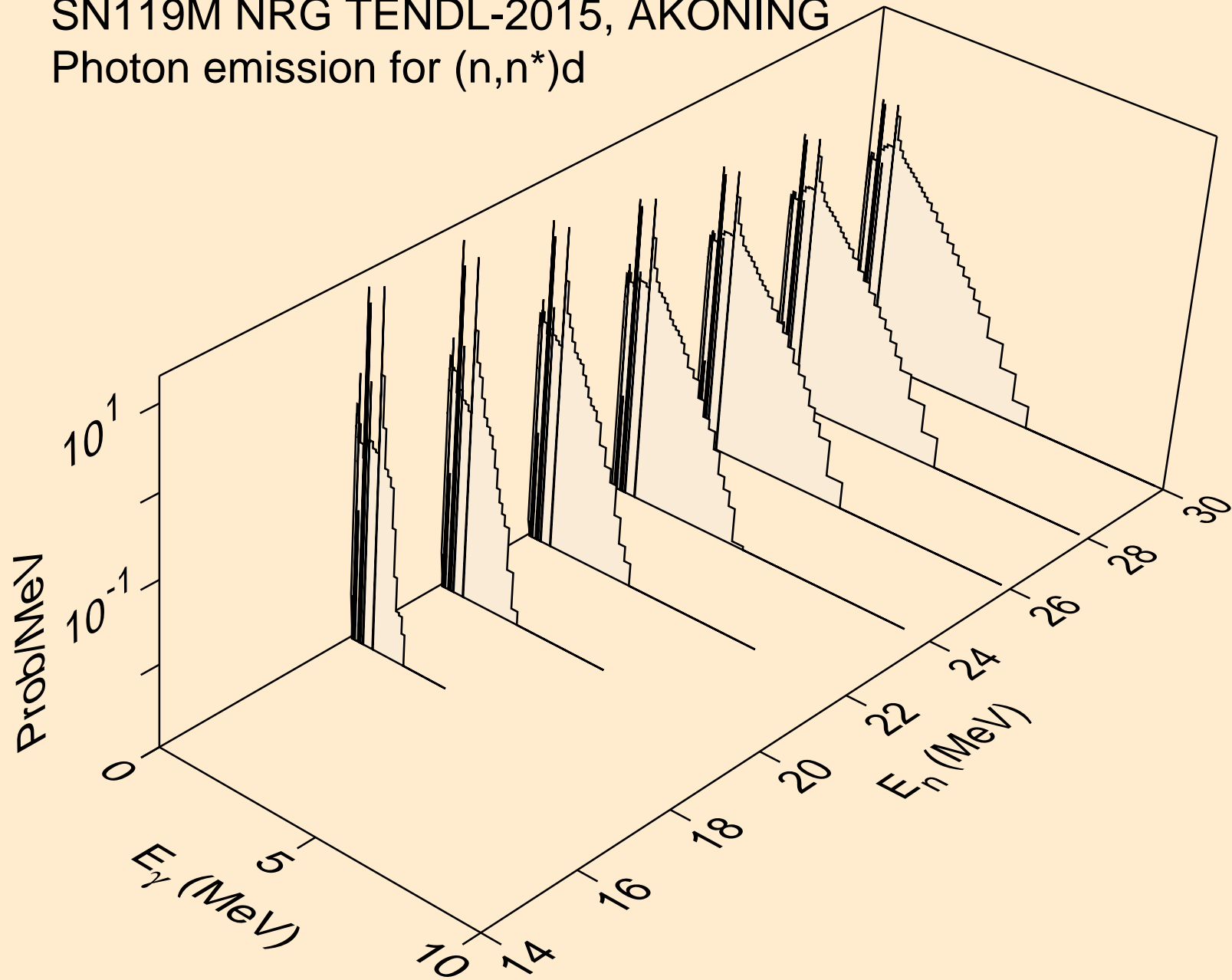
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,3n)a



SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)p

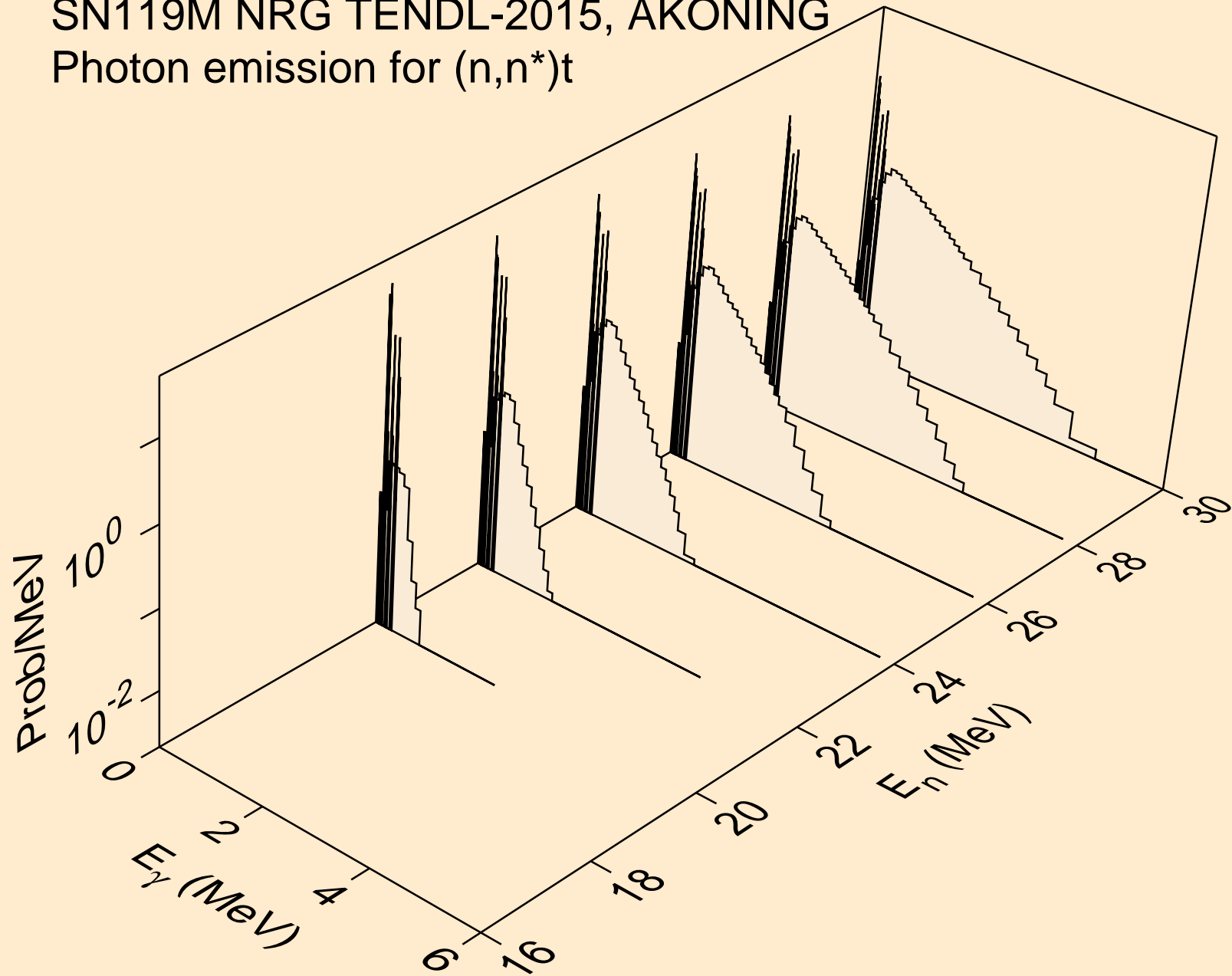


SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)d

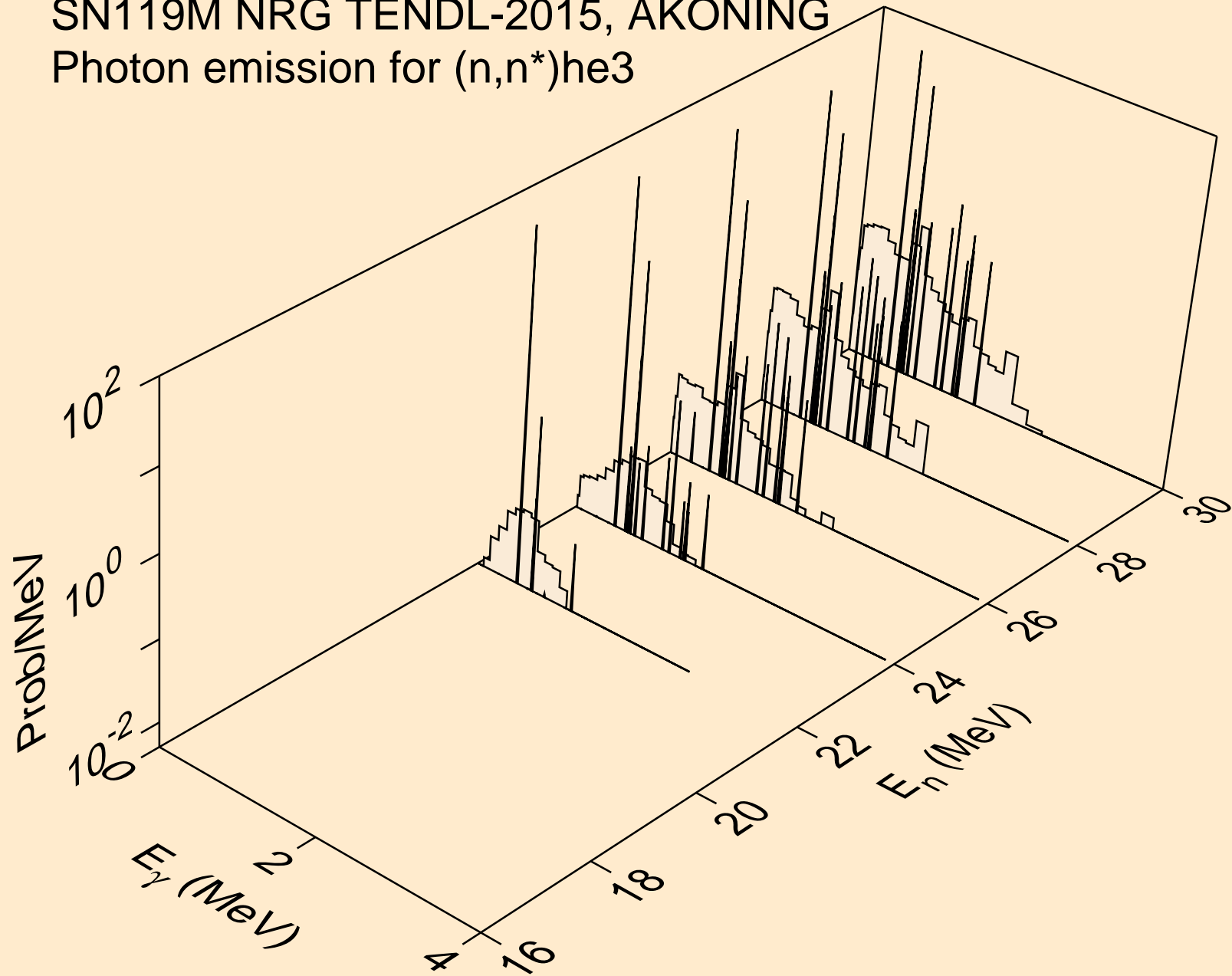




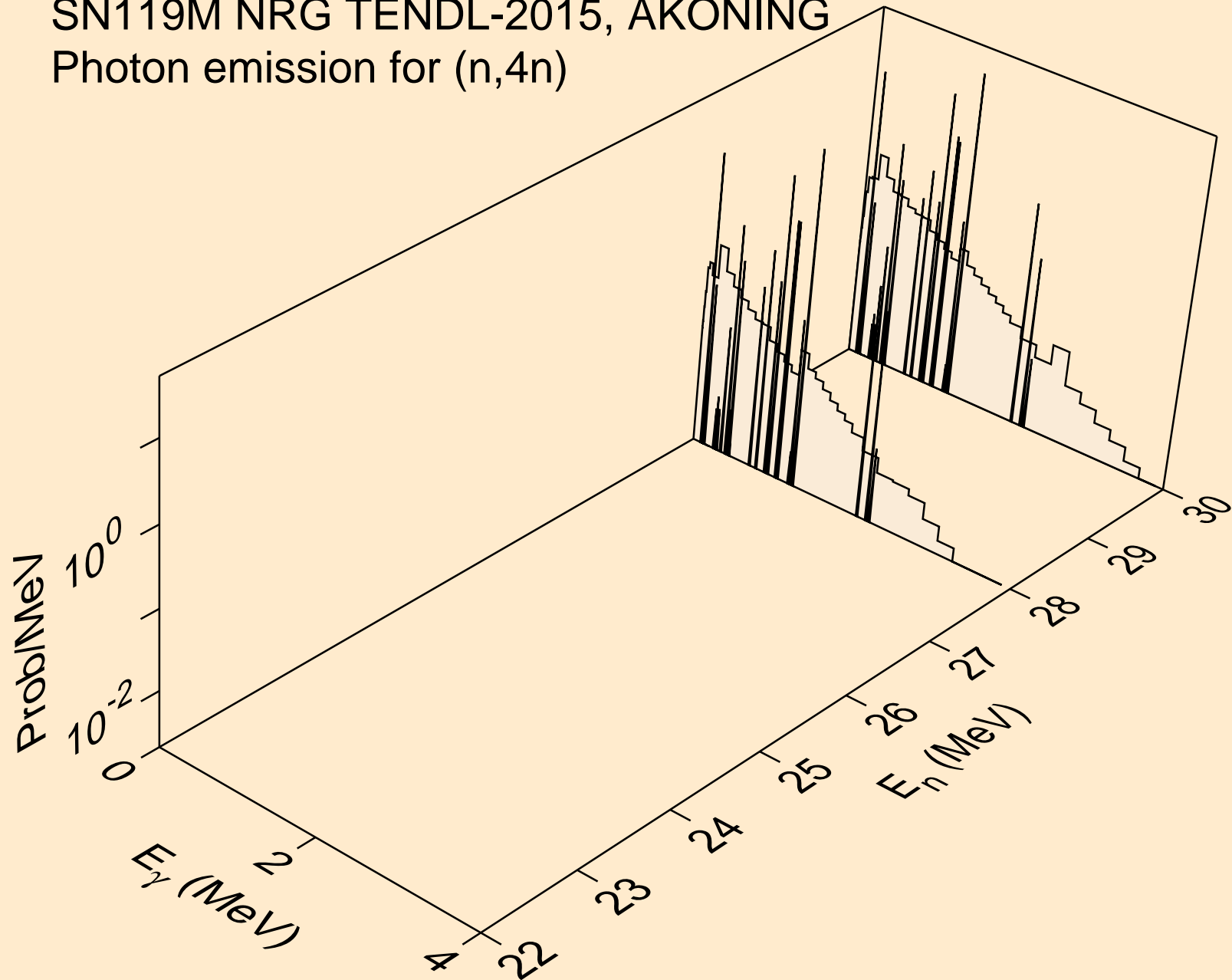
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)t



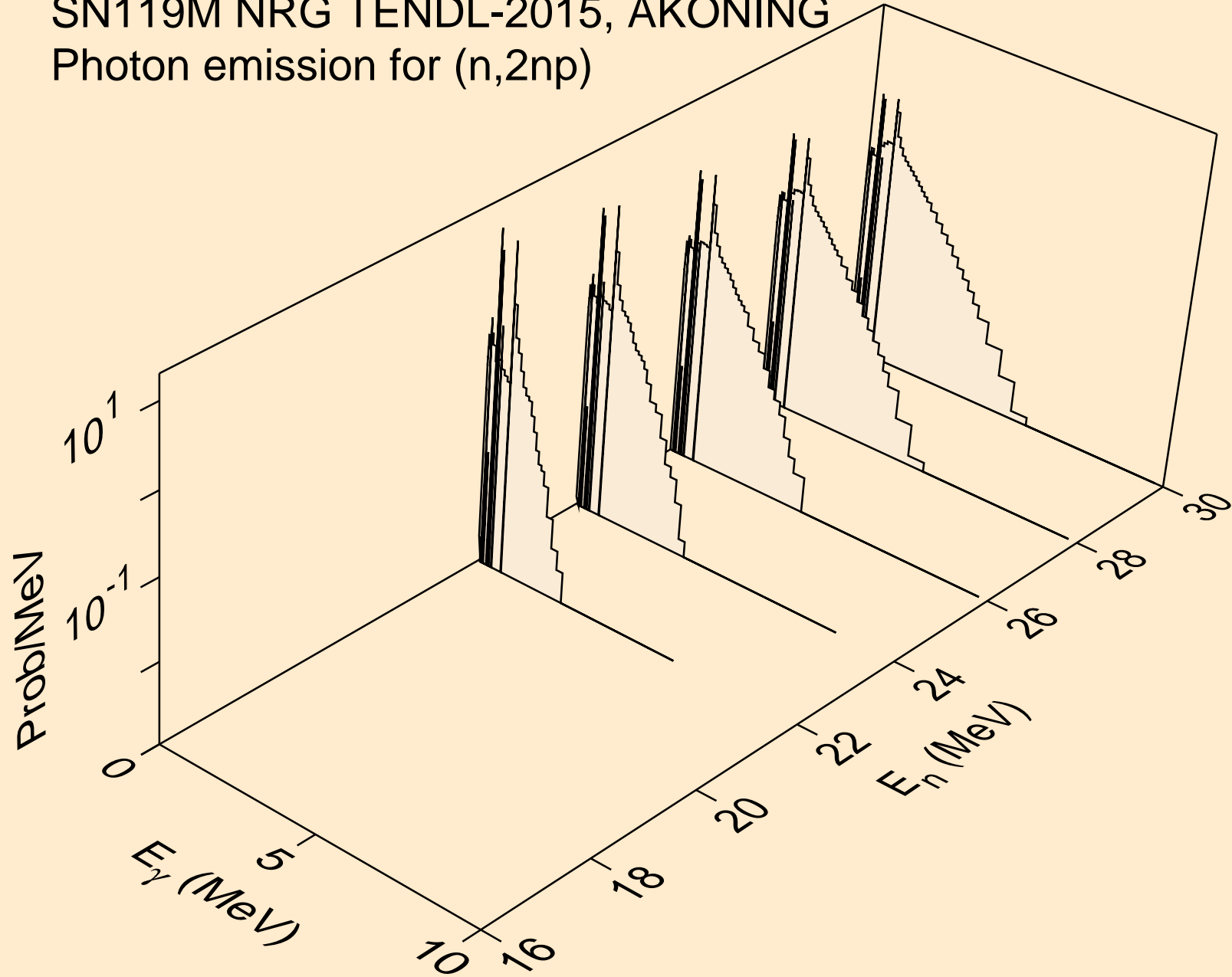
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*)he3



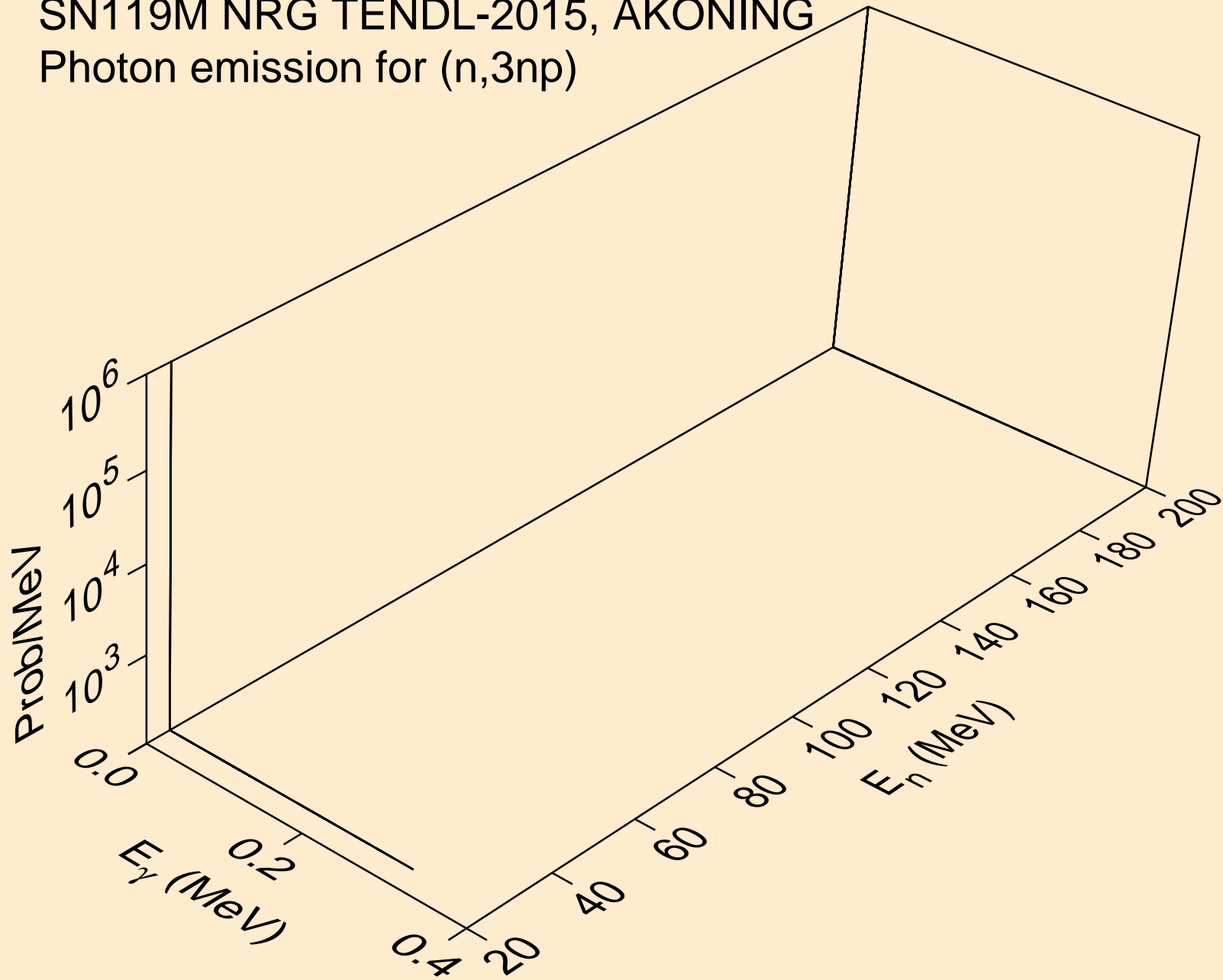
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,4n)



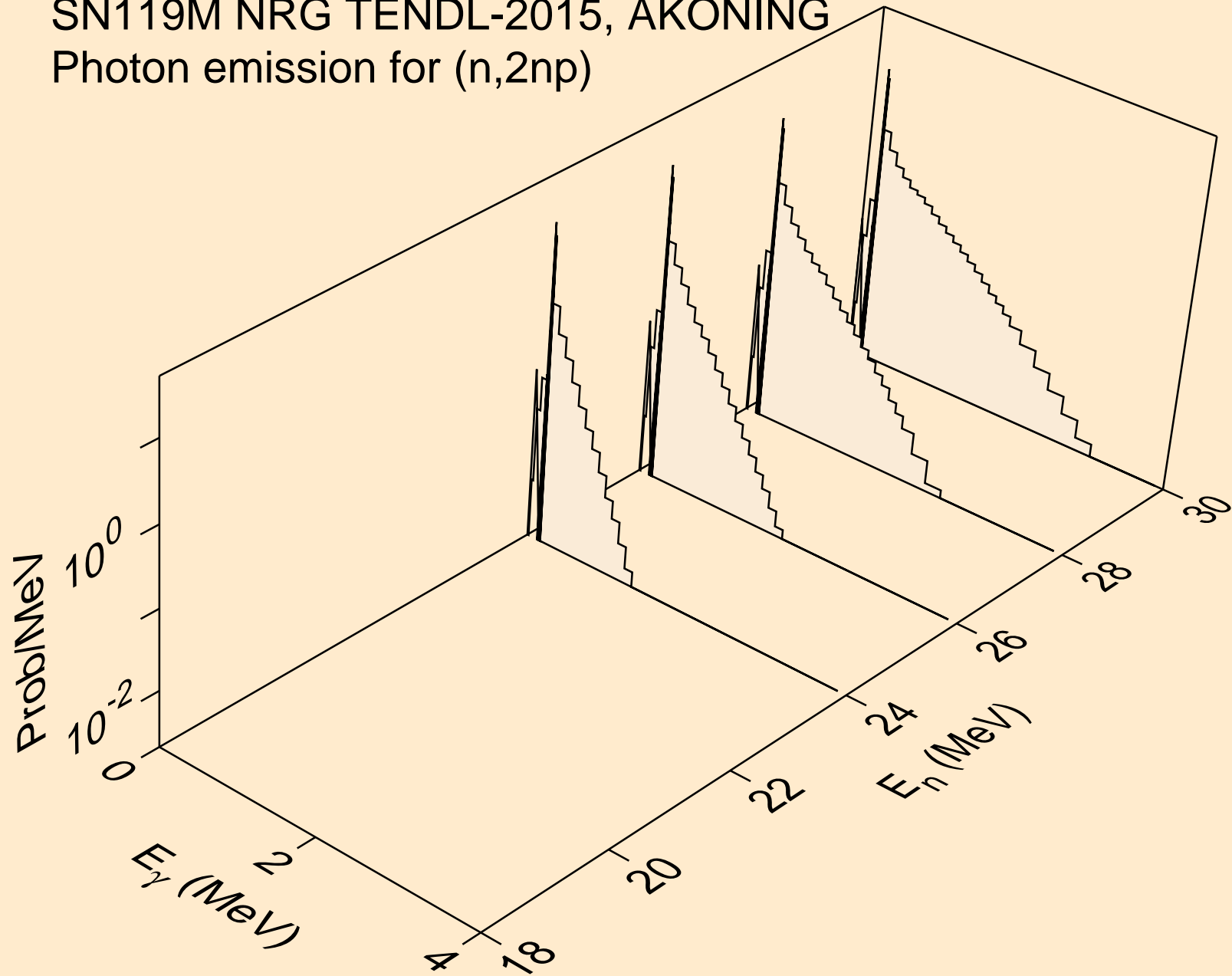
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



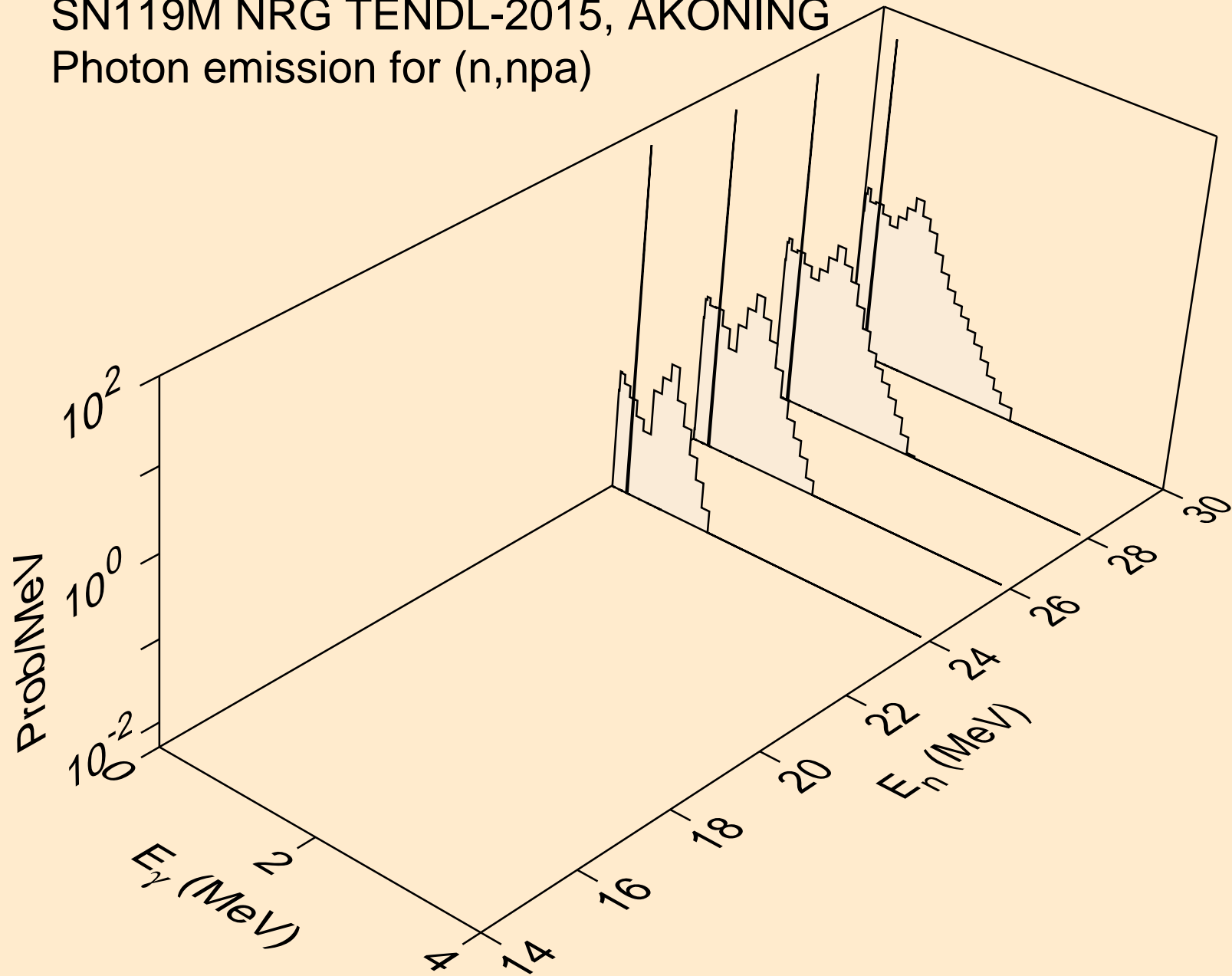
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,3np)



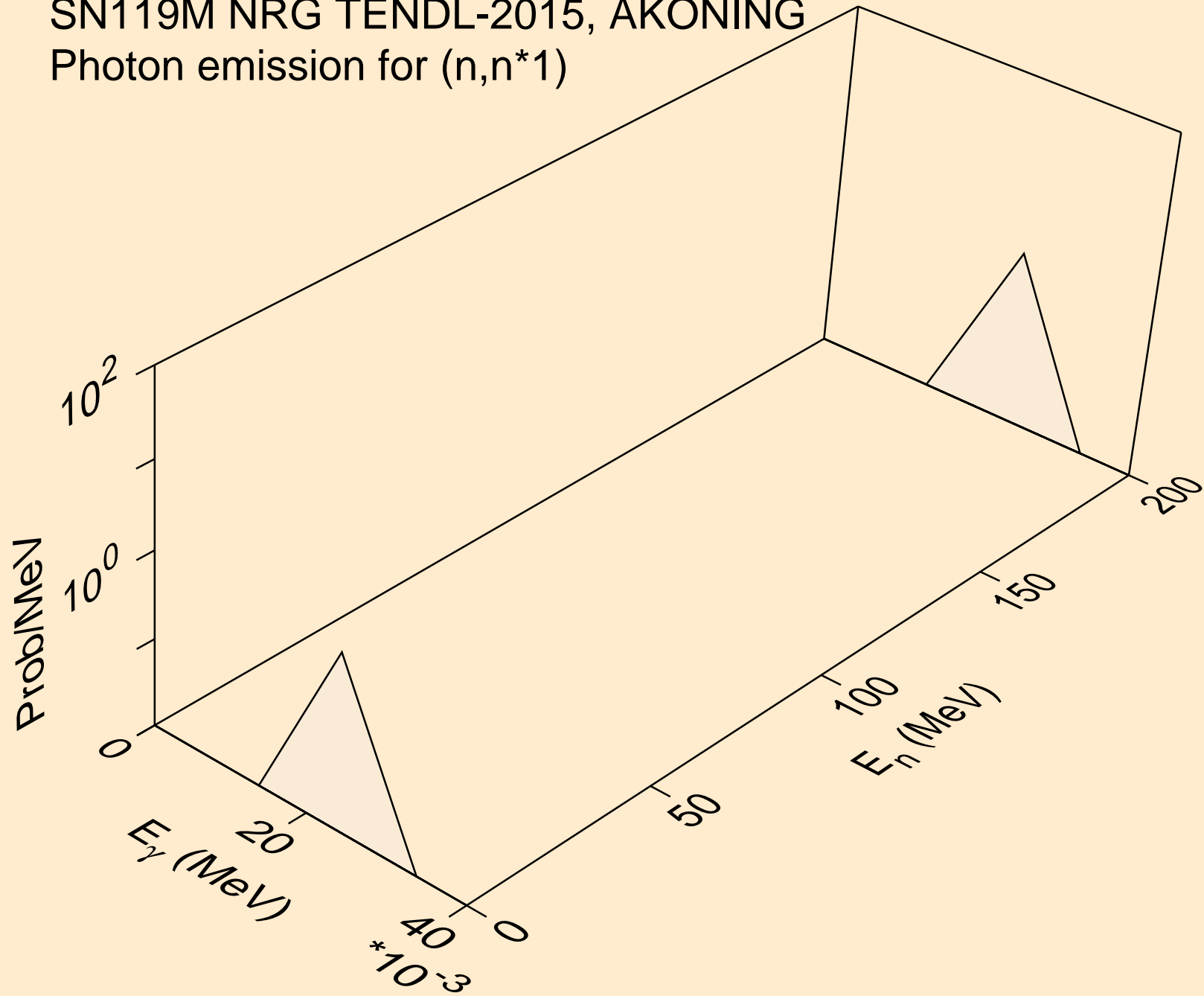
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,2np)



SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,npa)

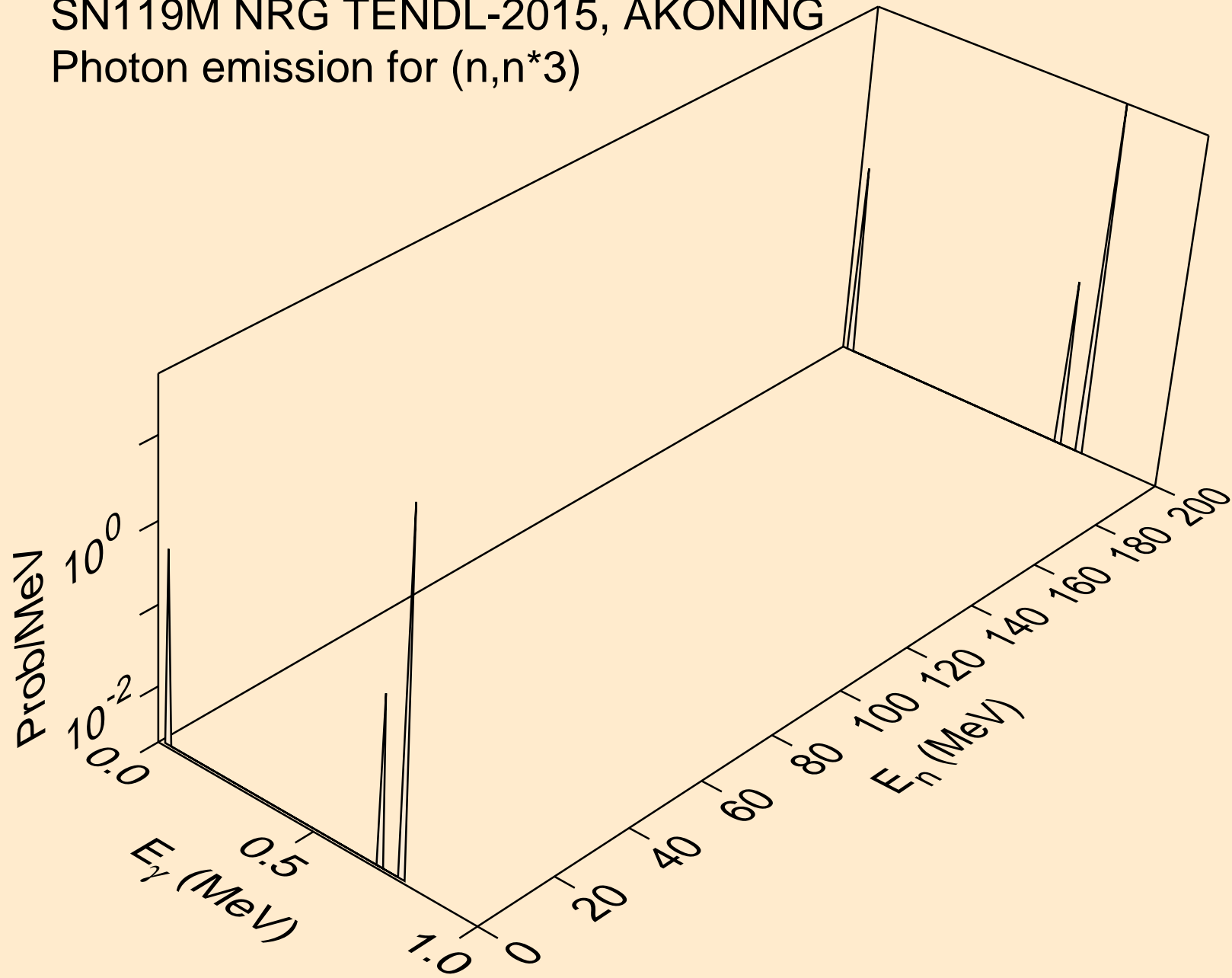


SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*1)

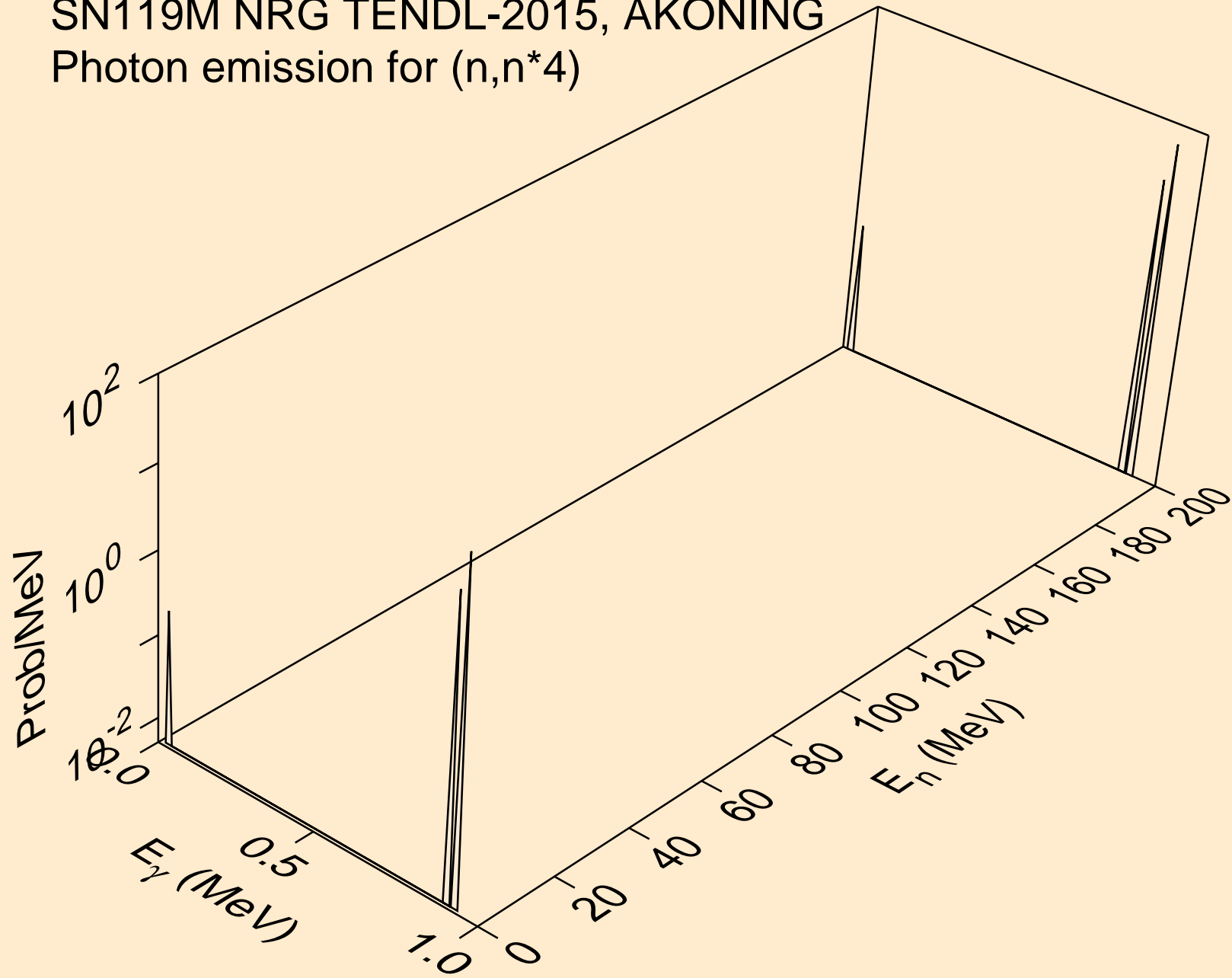




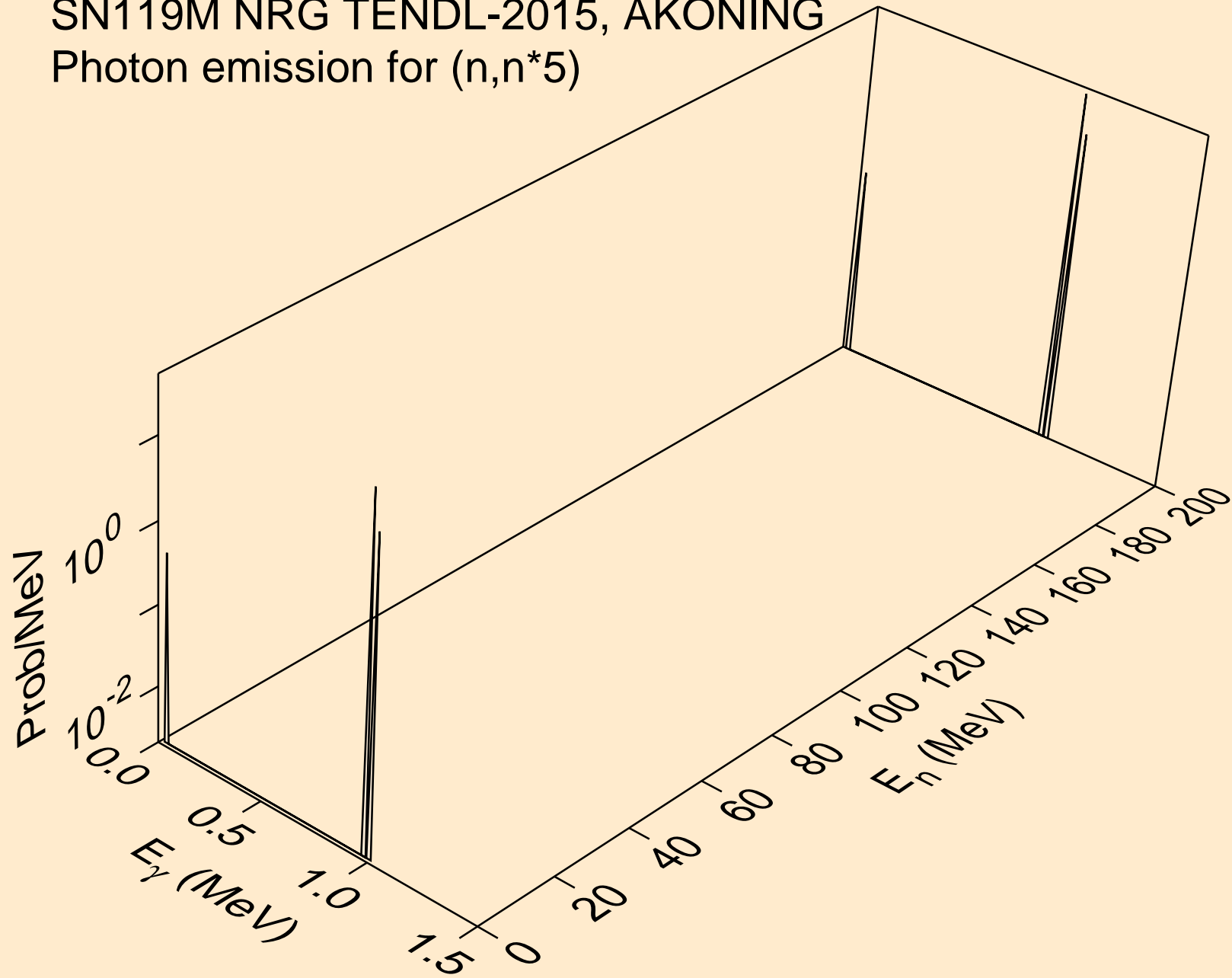
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*3)



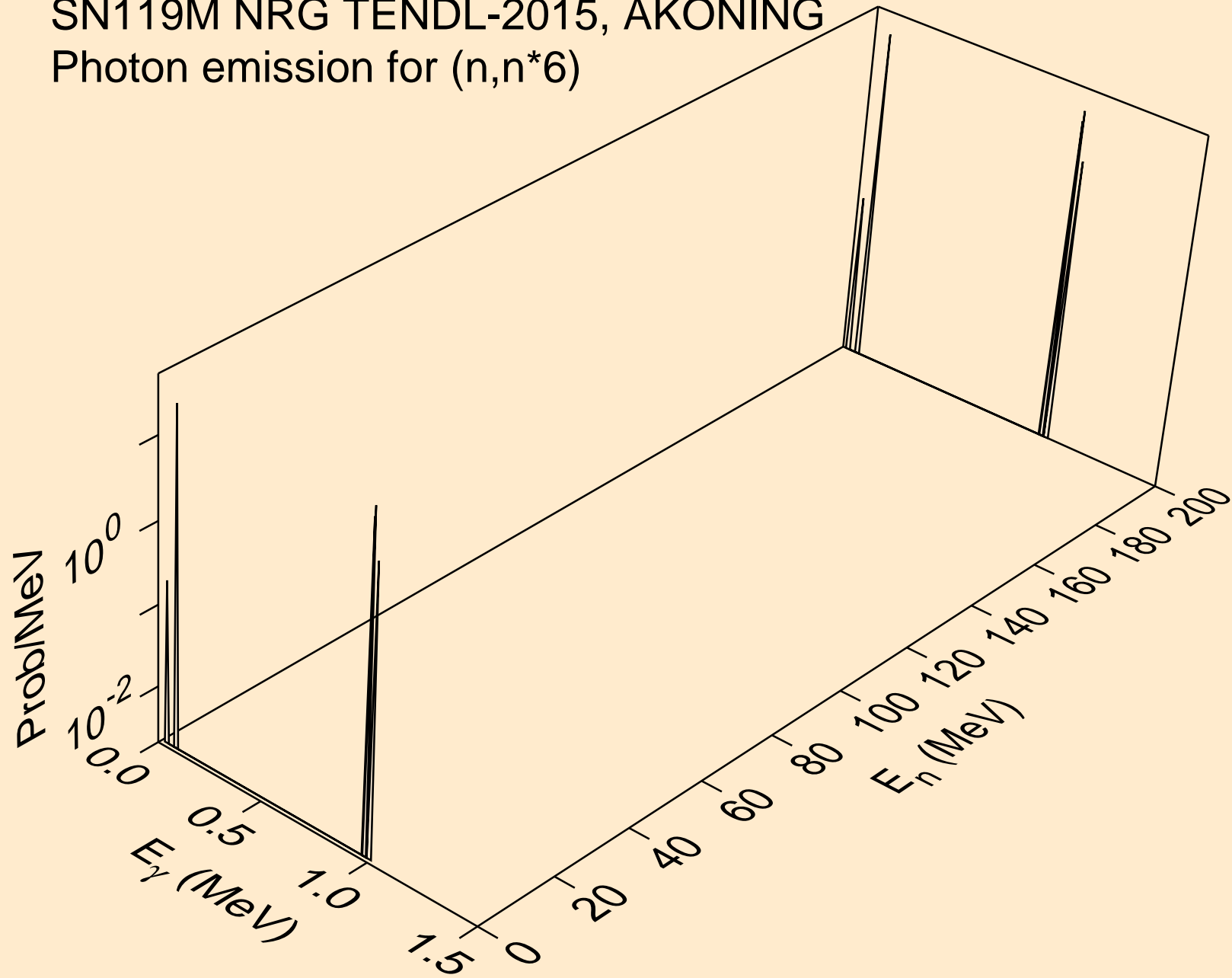
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*4)



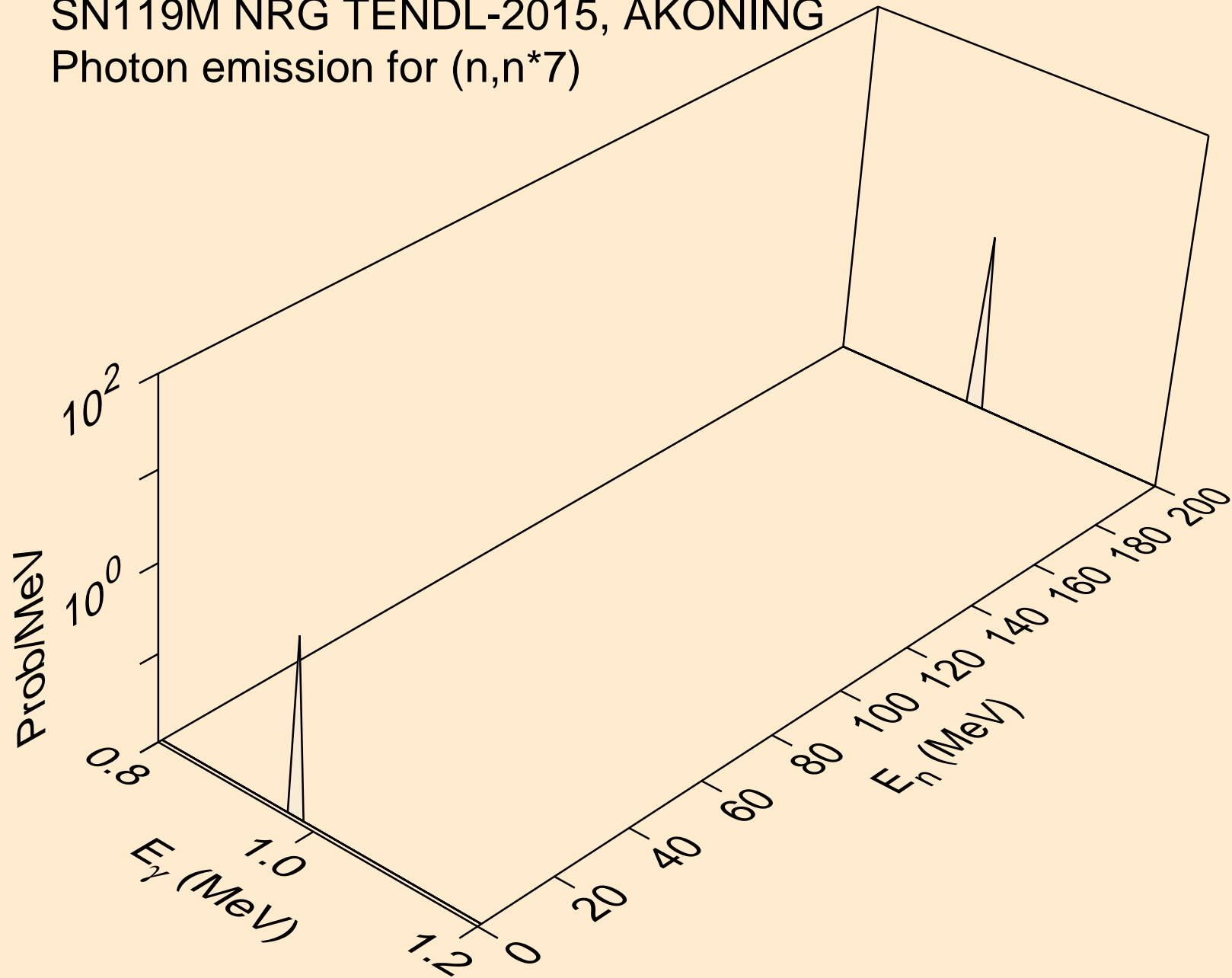
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*5)



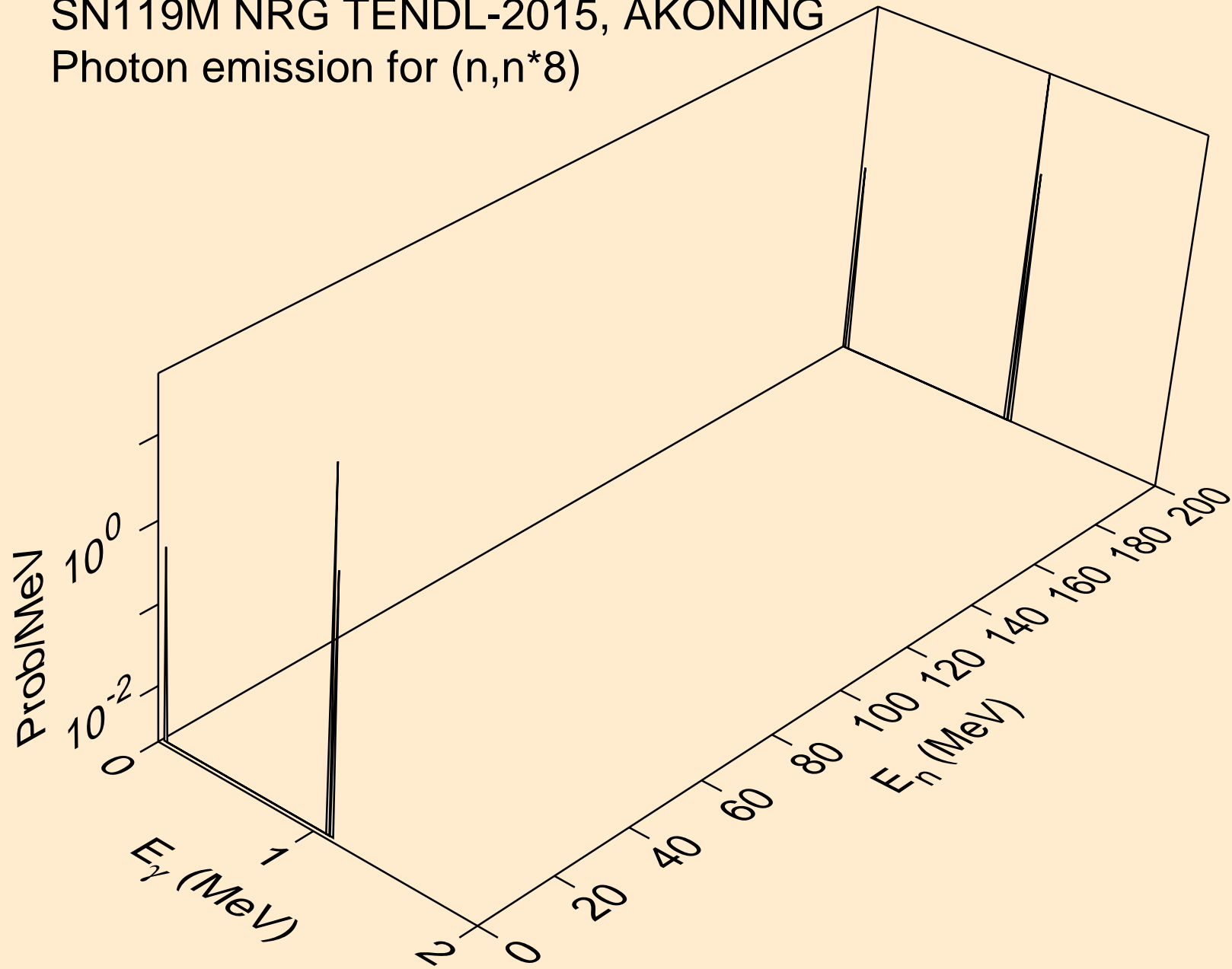
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*6)



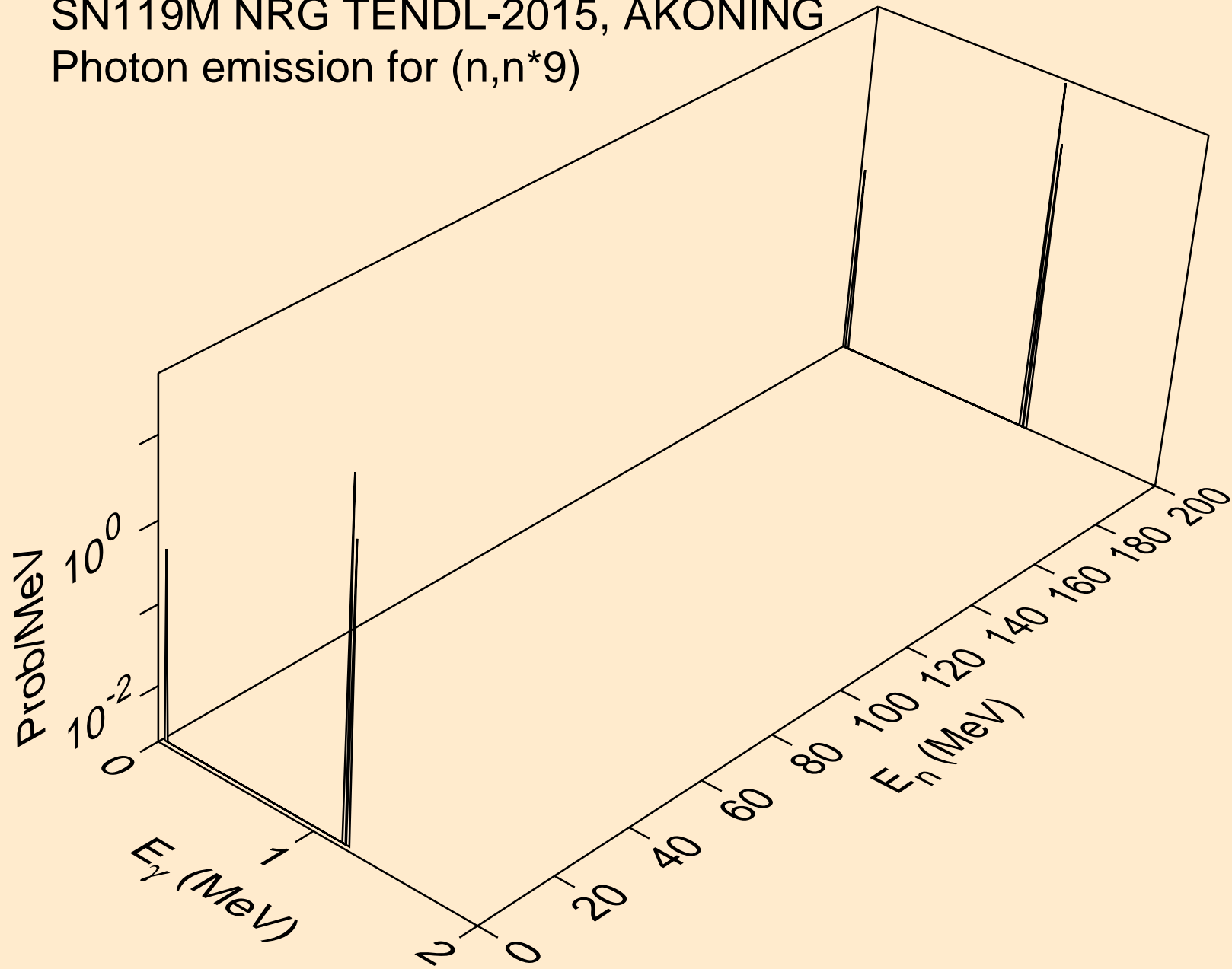
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*7)



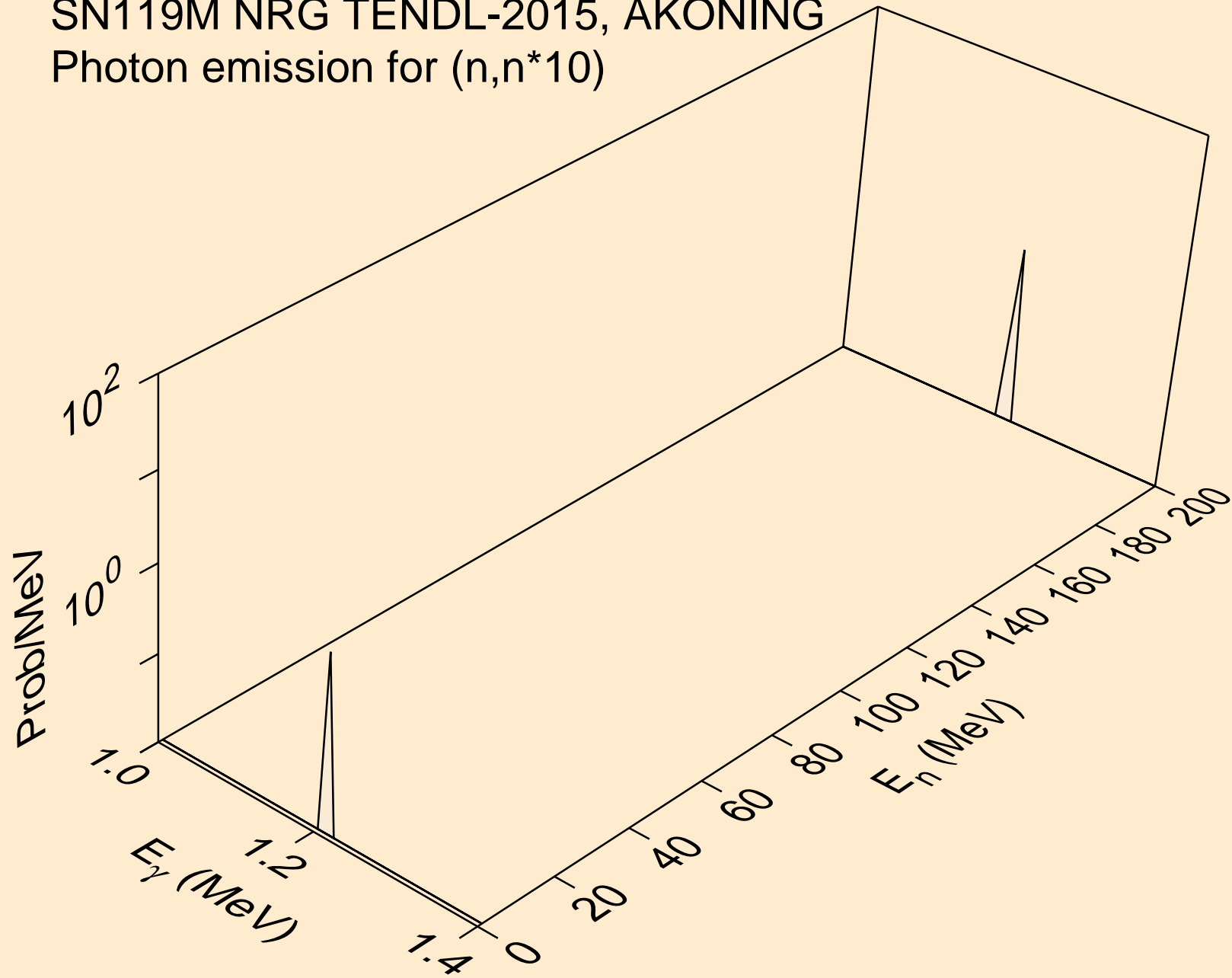
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*8)



SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*9)

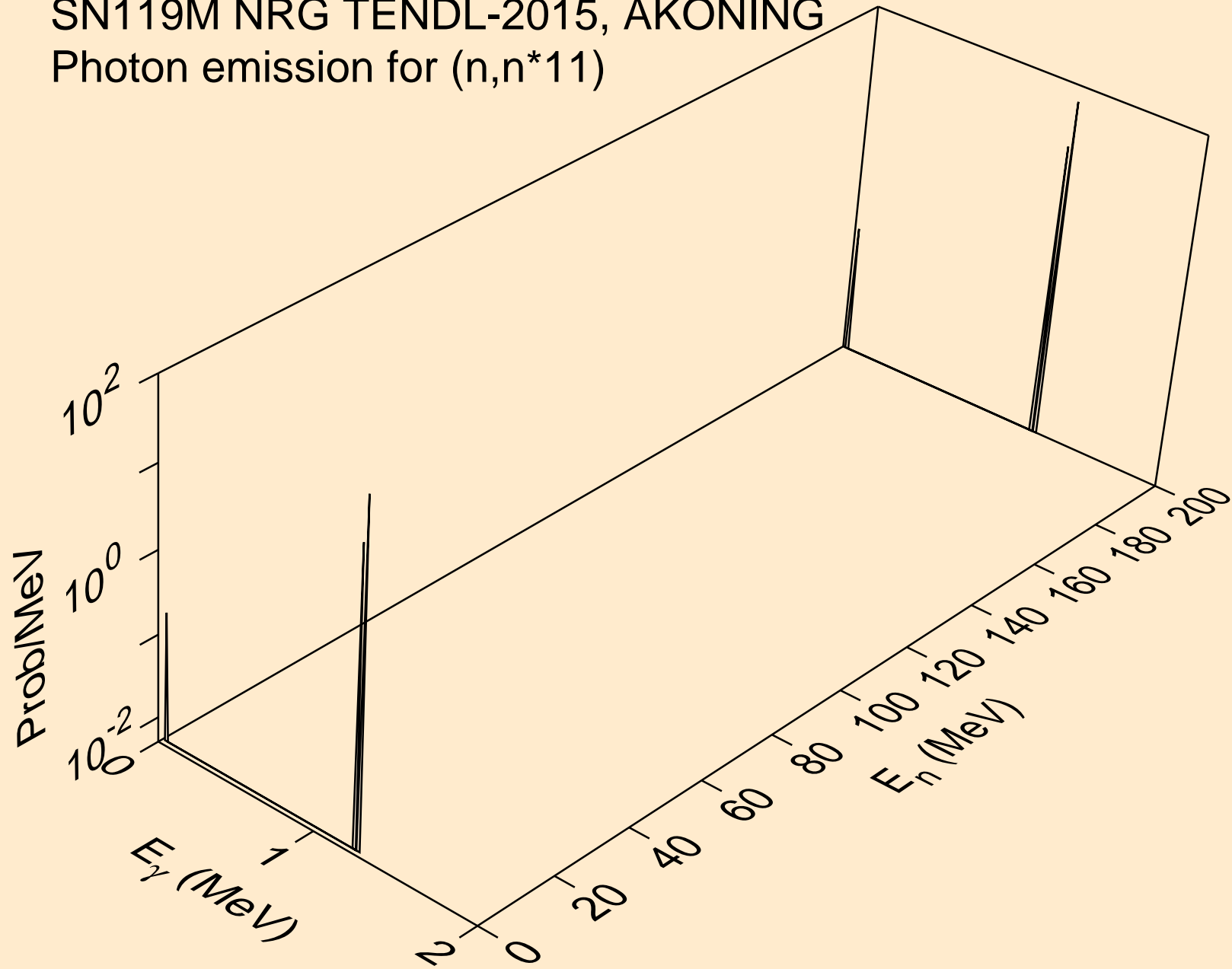


SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*10)

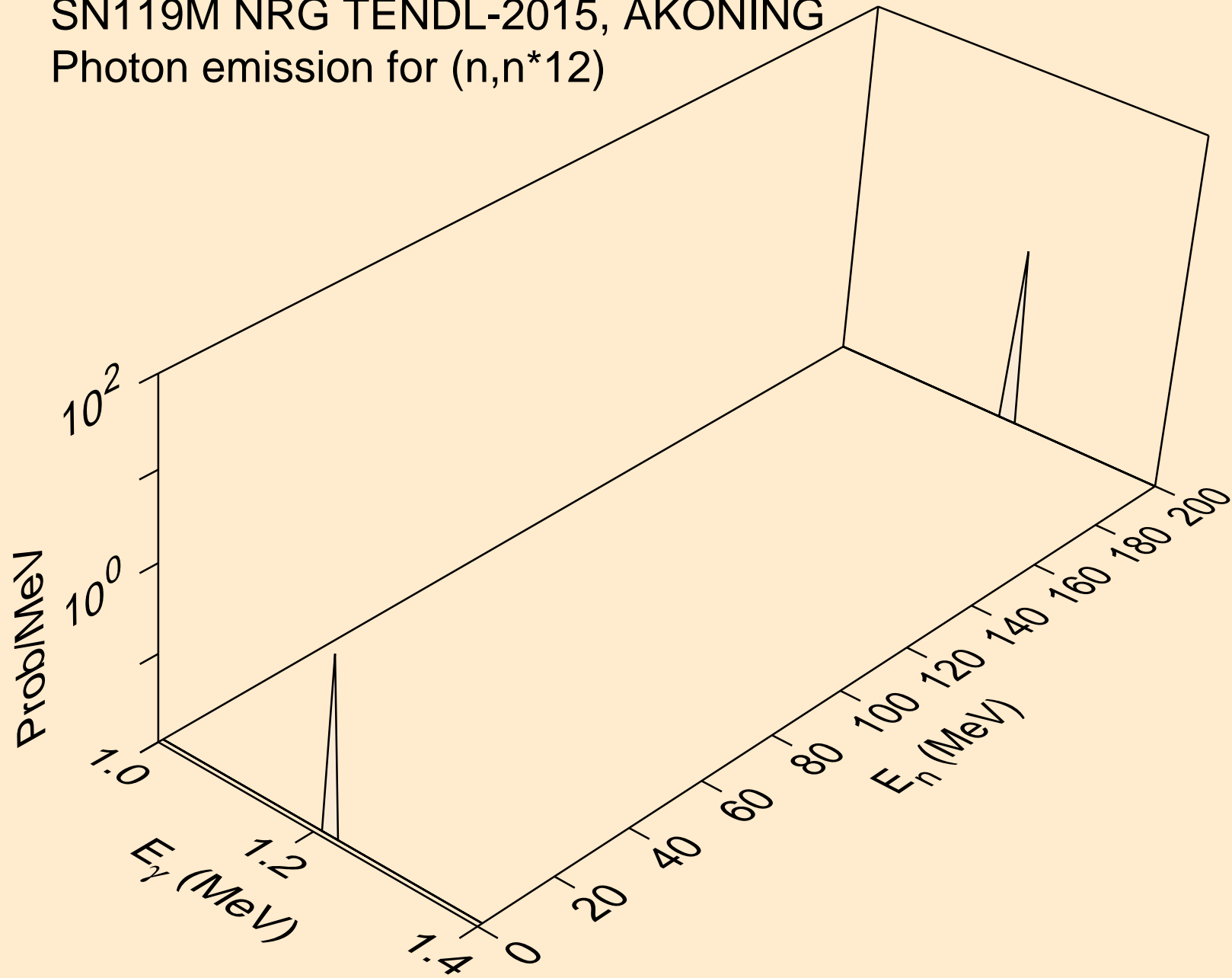




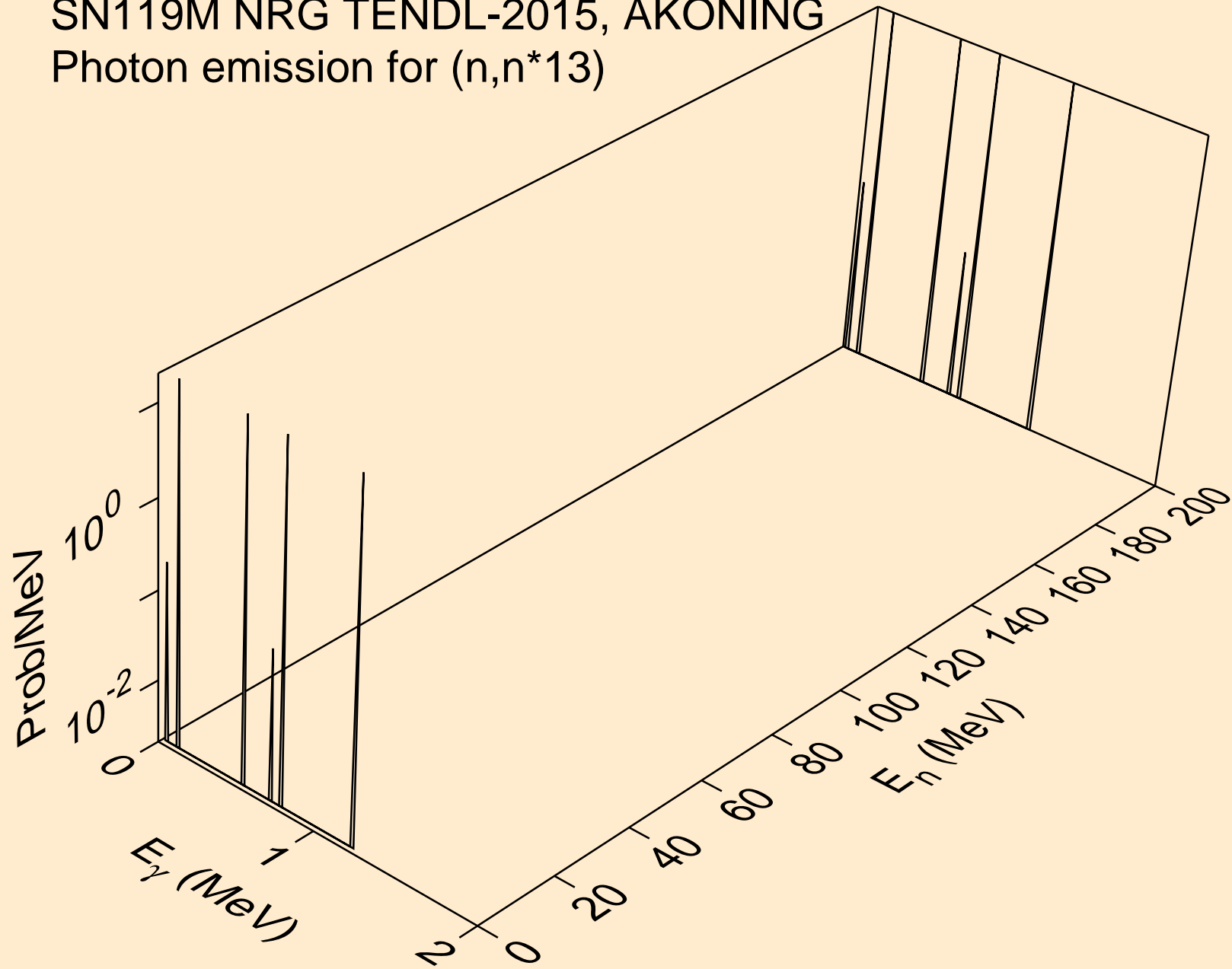
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*11)



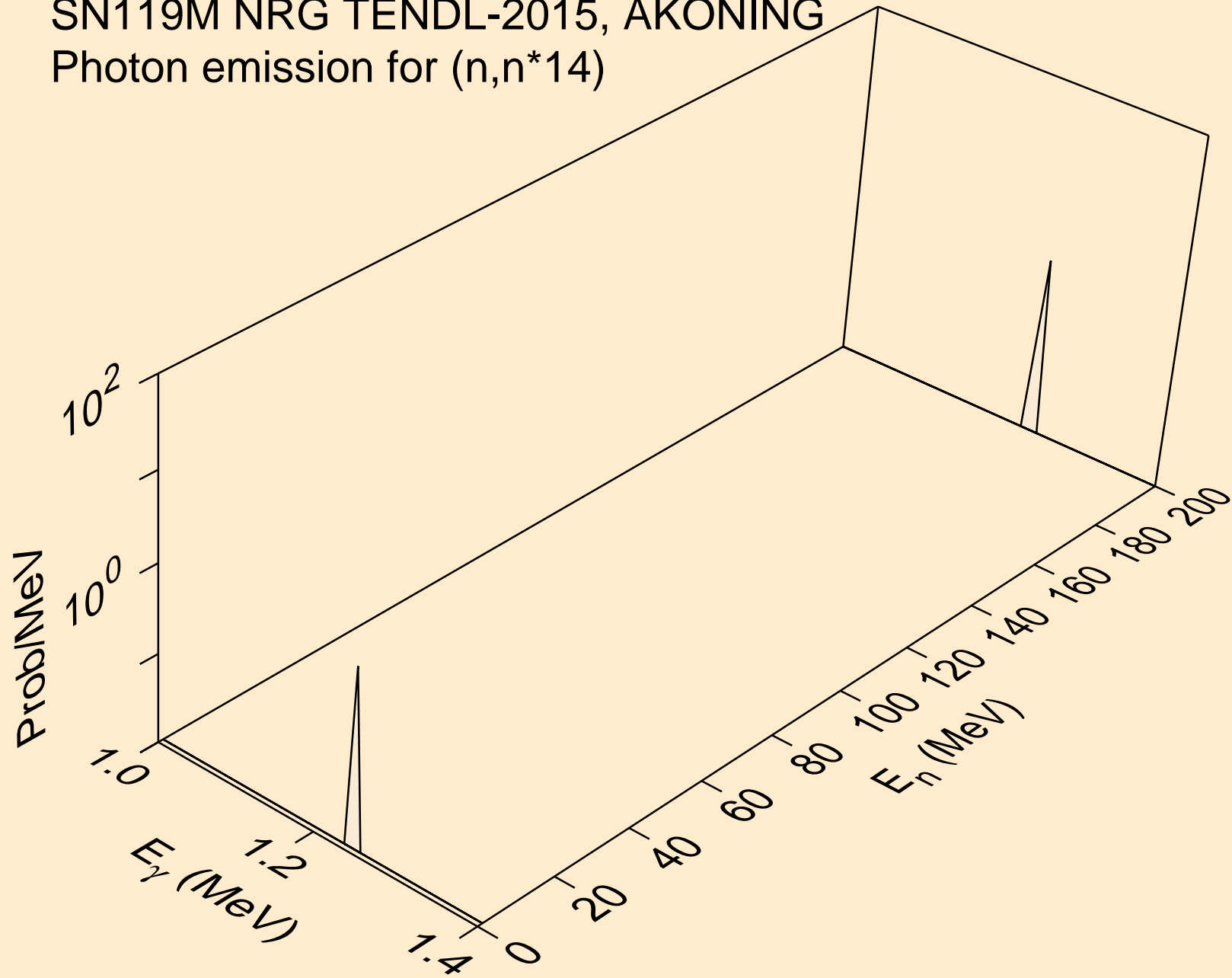
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Photon emission for (n,n\*12)



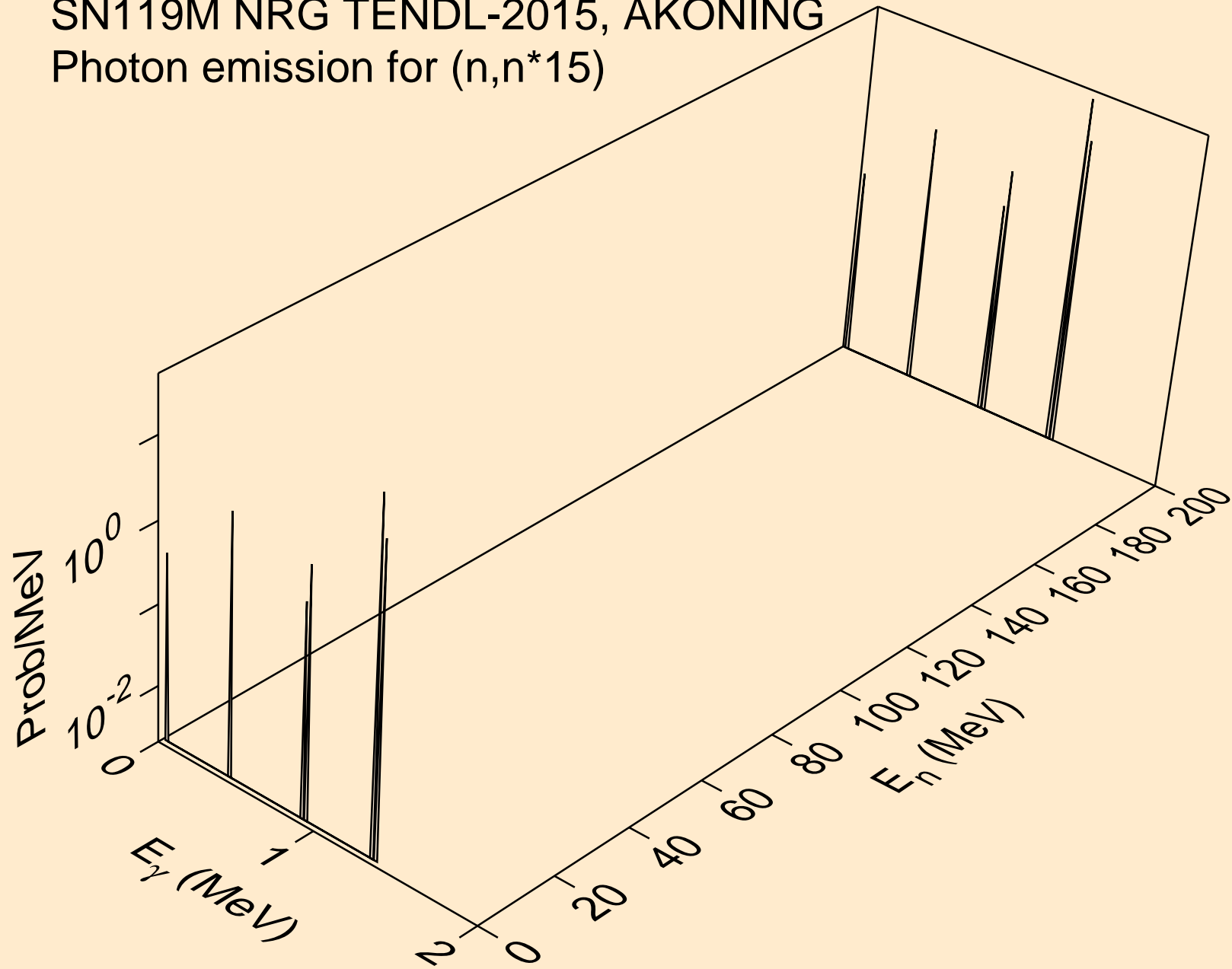
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*13)



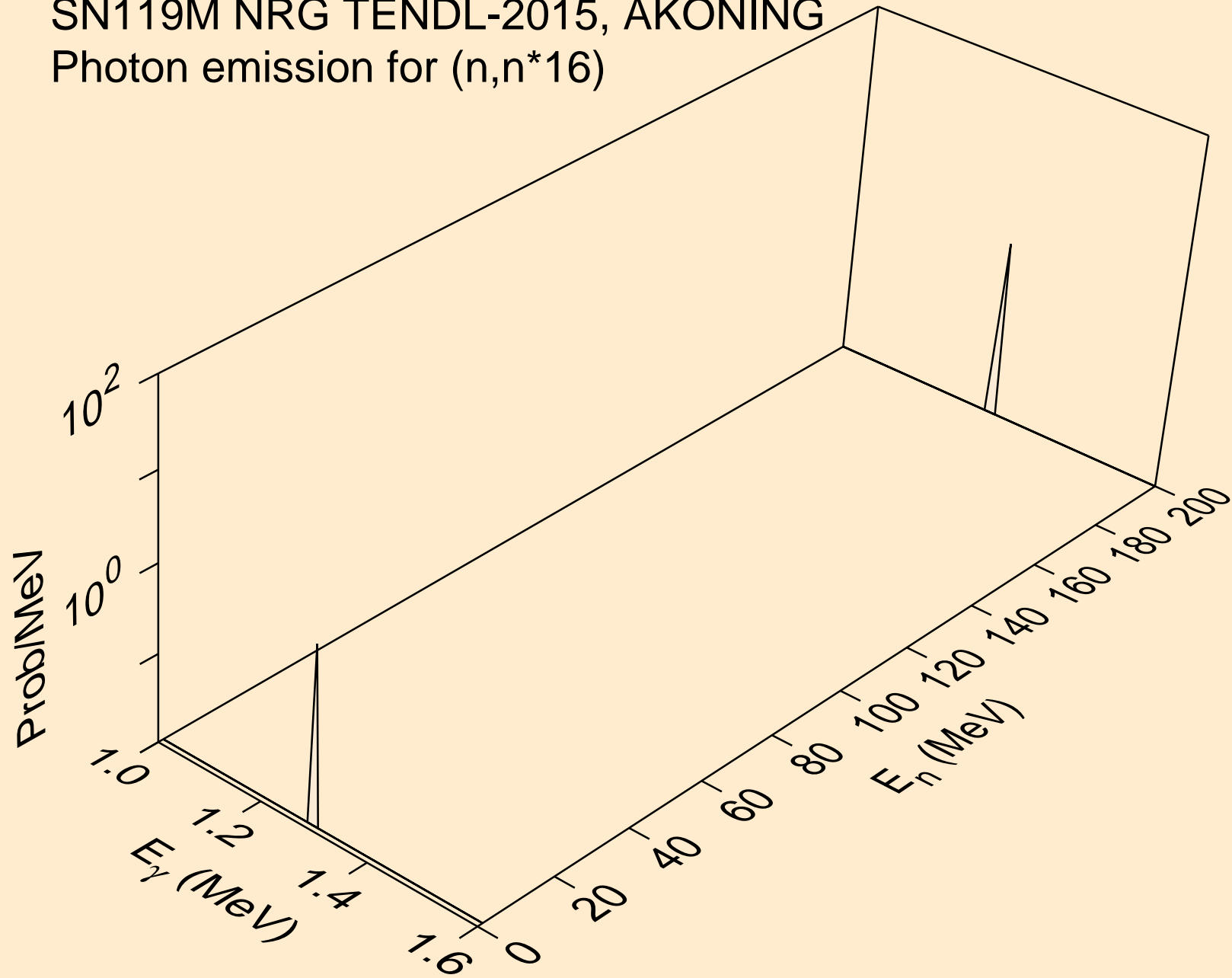
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*14)



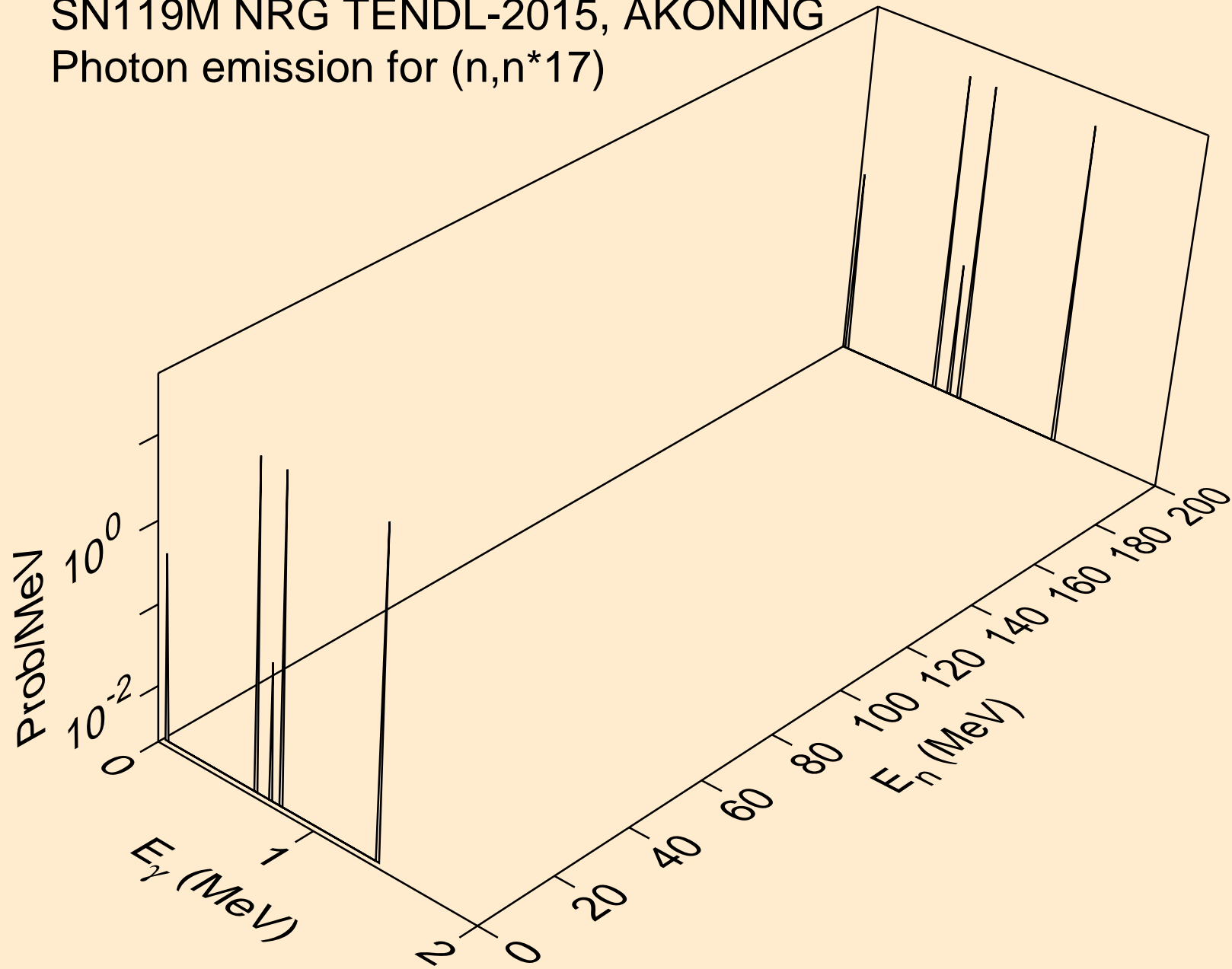
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*15)



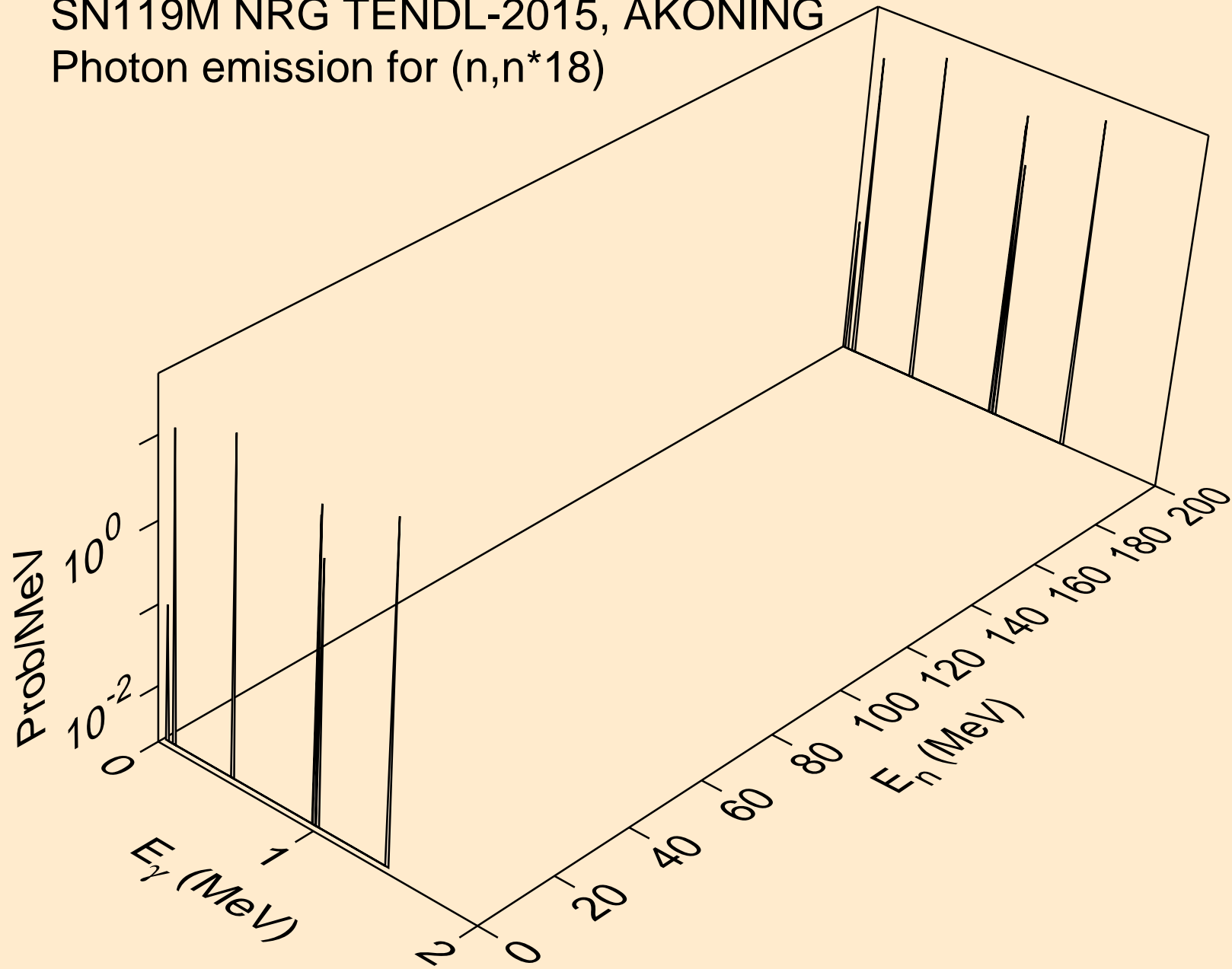
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*16)



SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*17)

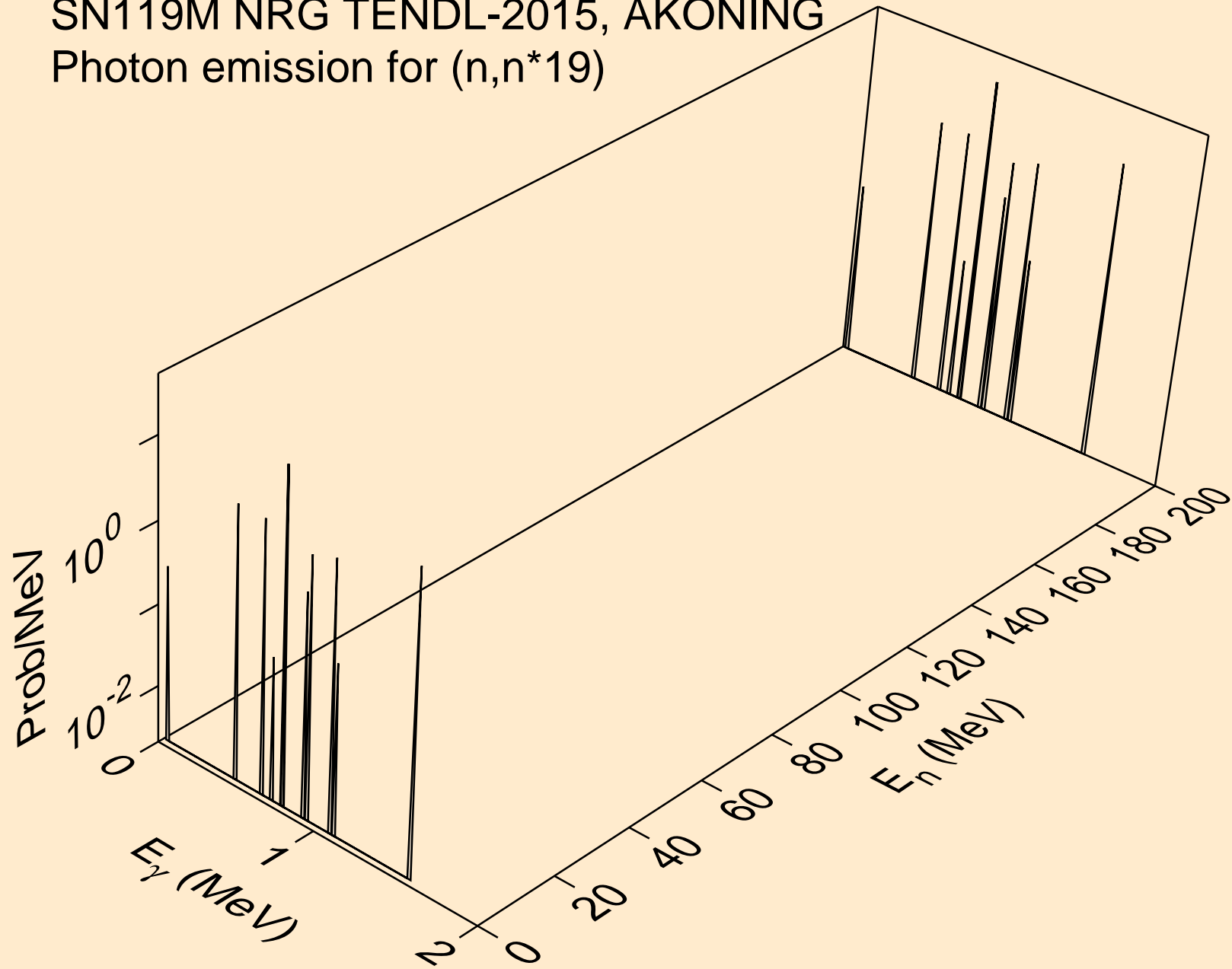


SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*18)

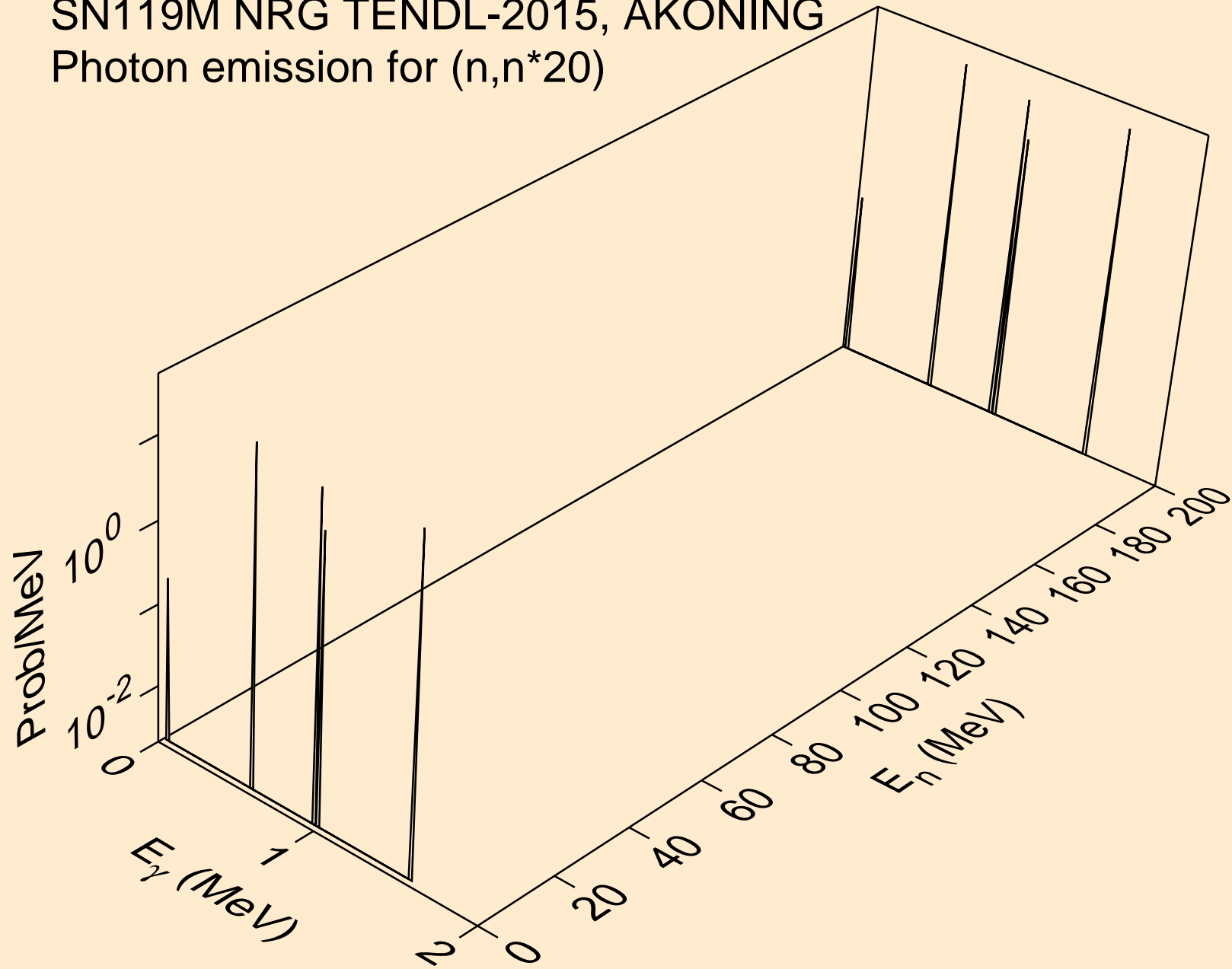




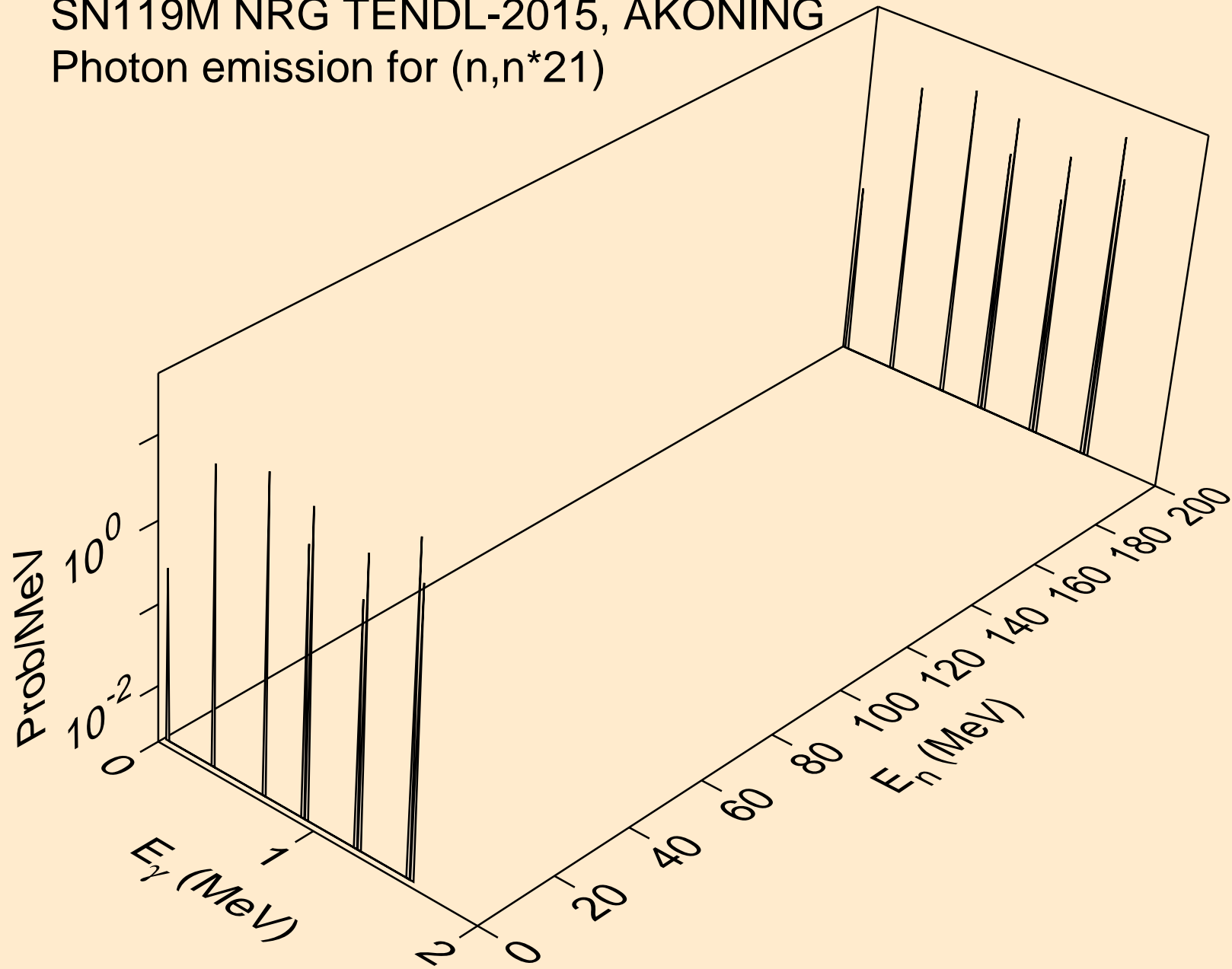
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*19)



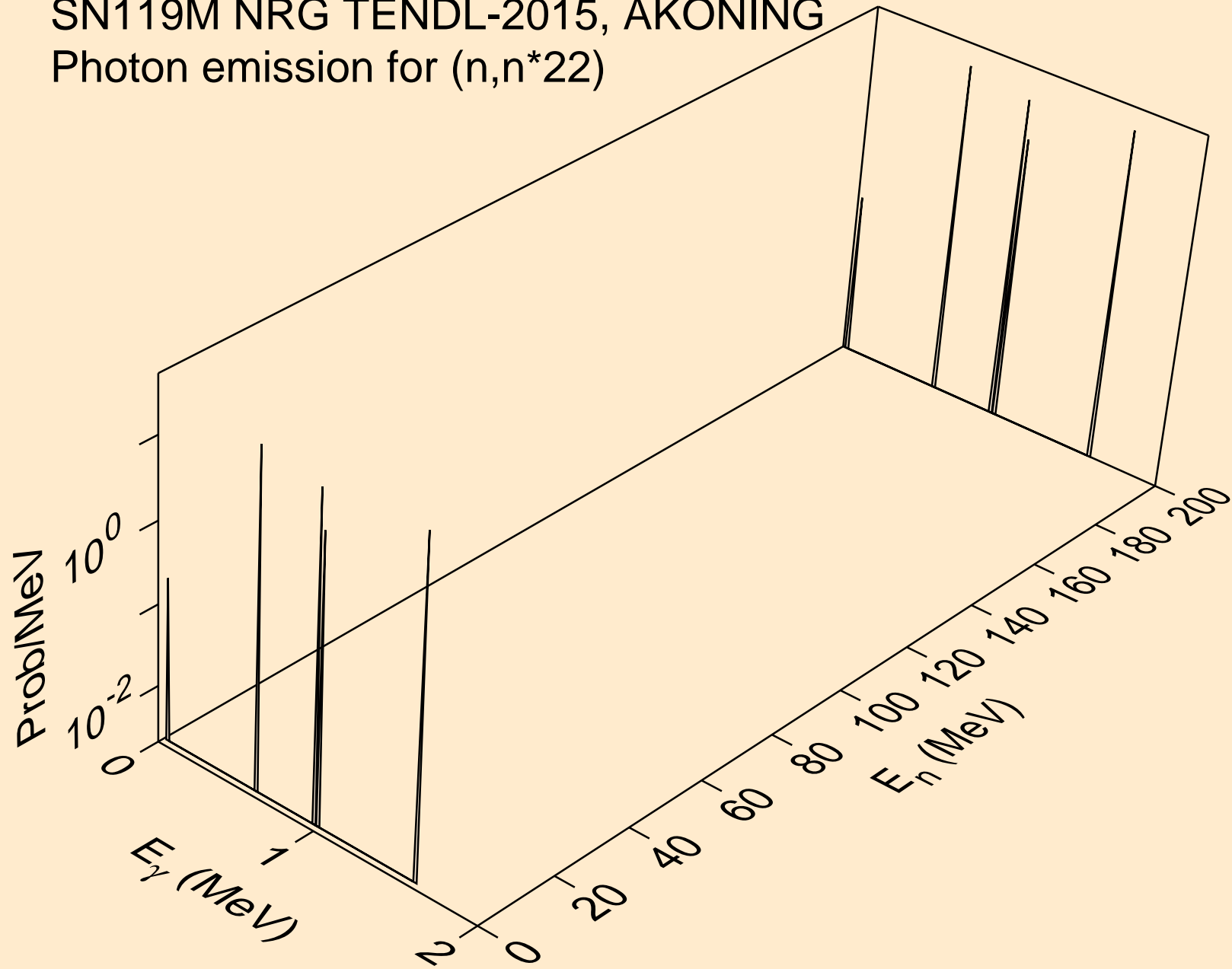
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*20)



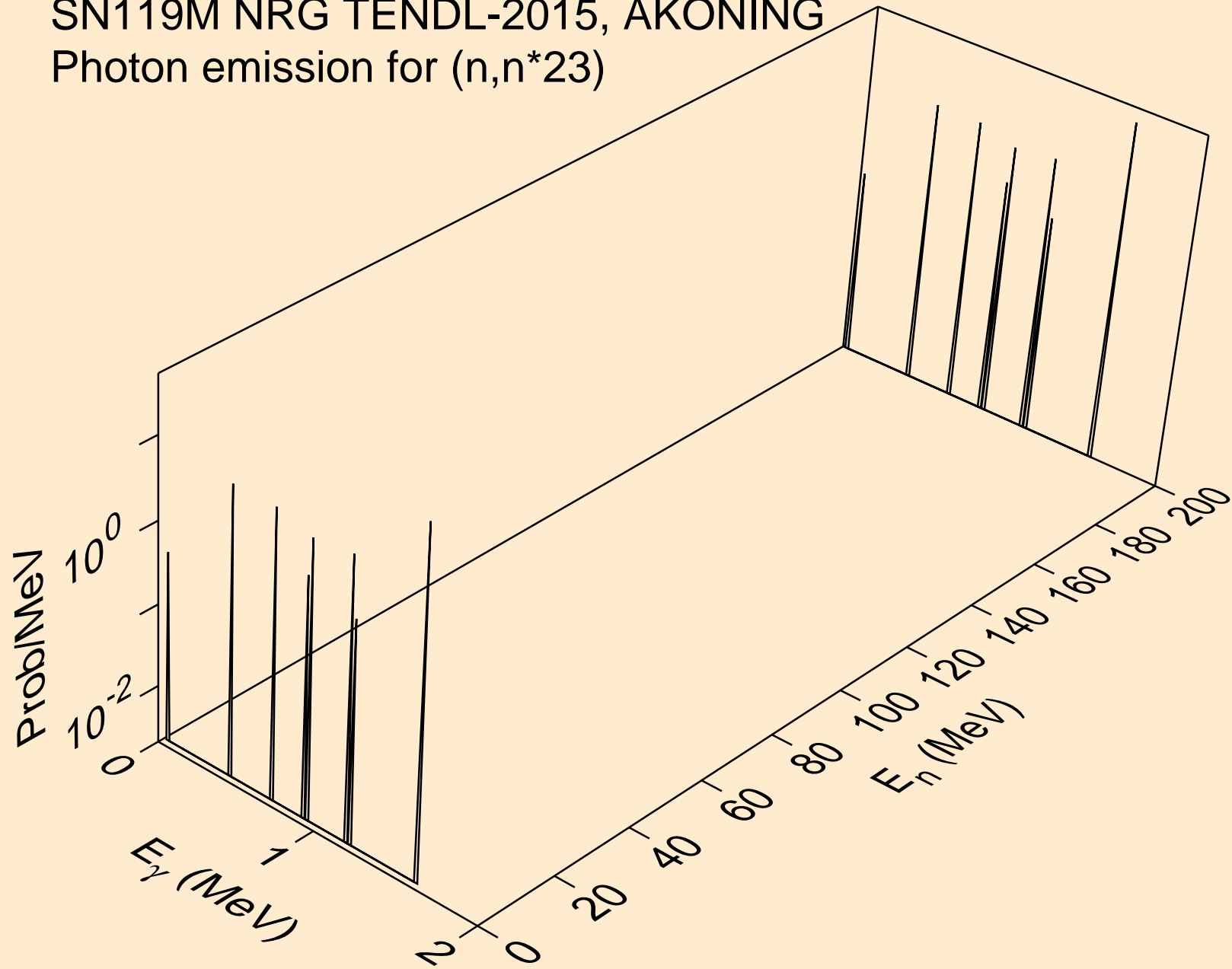
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*21)



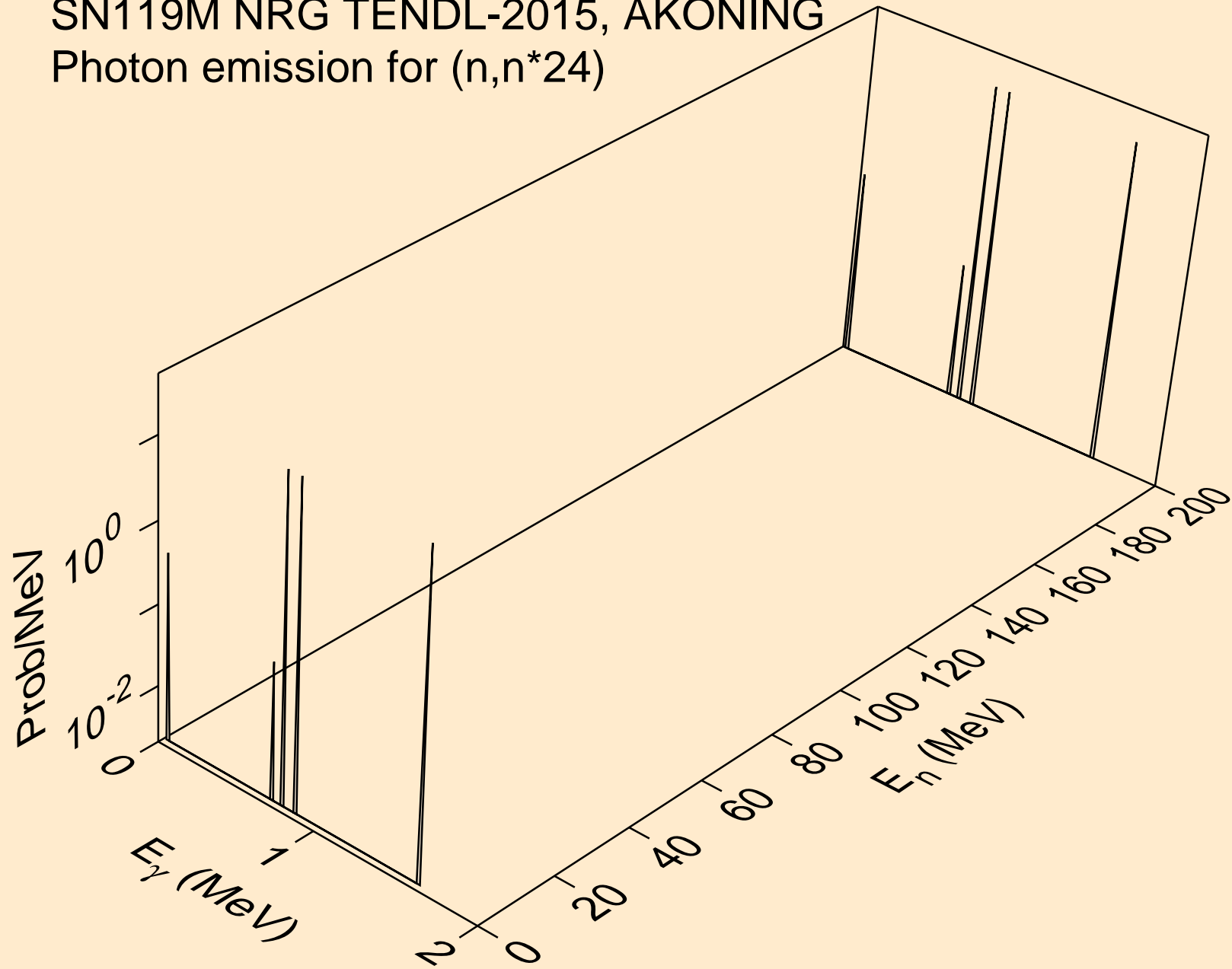
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*22)



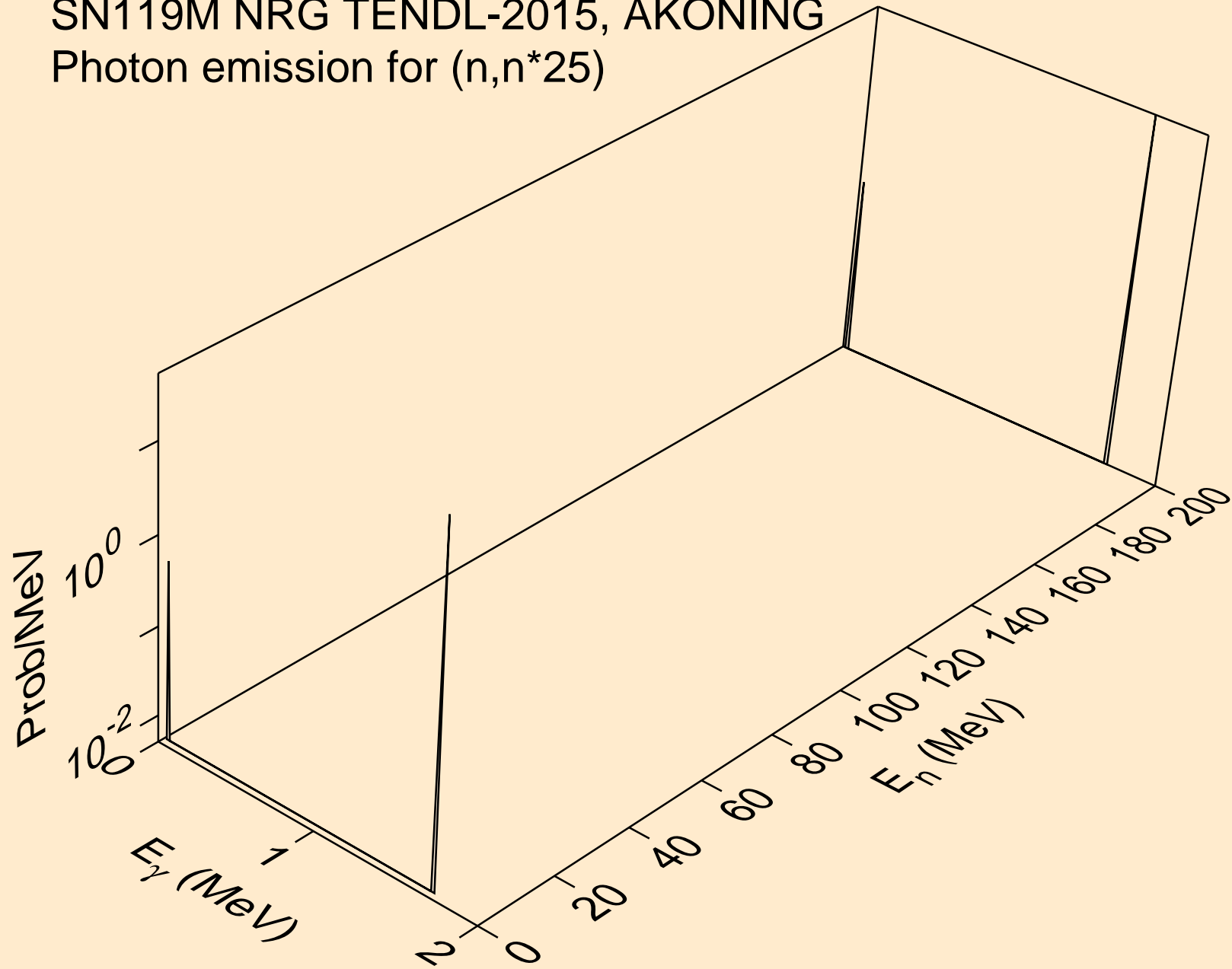
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Photon emission for (n,n\*23)



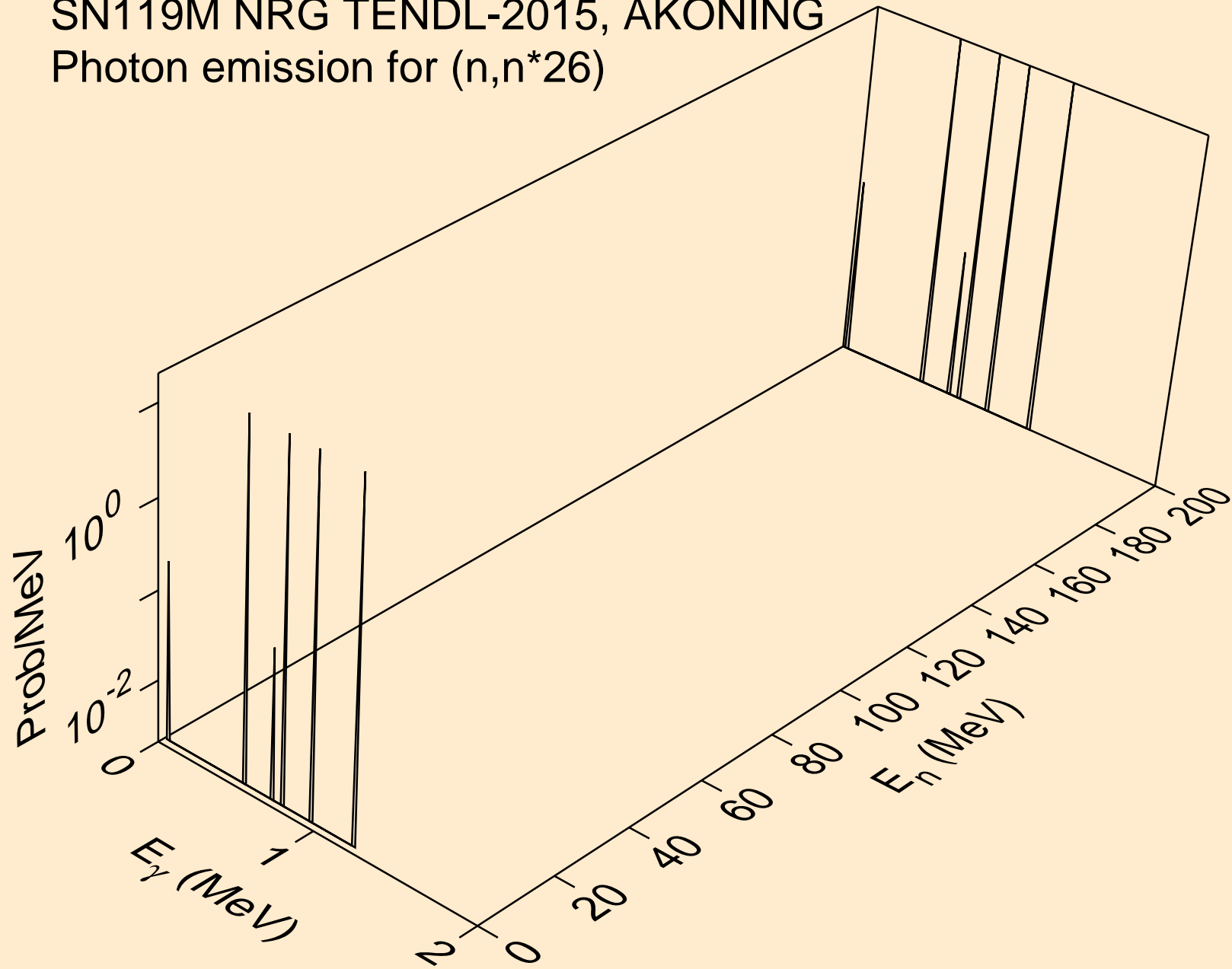
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*24)



SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*25)

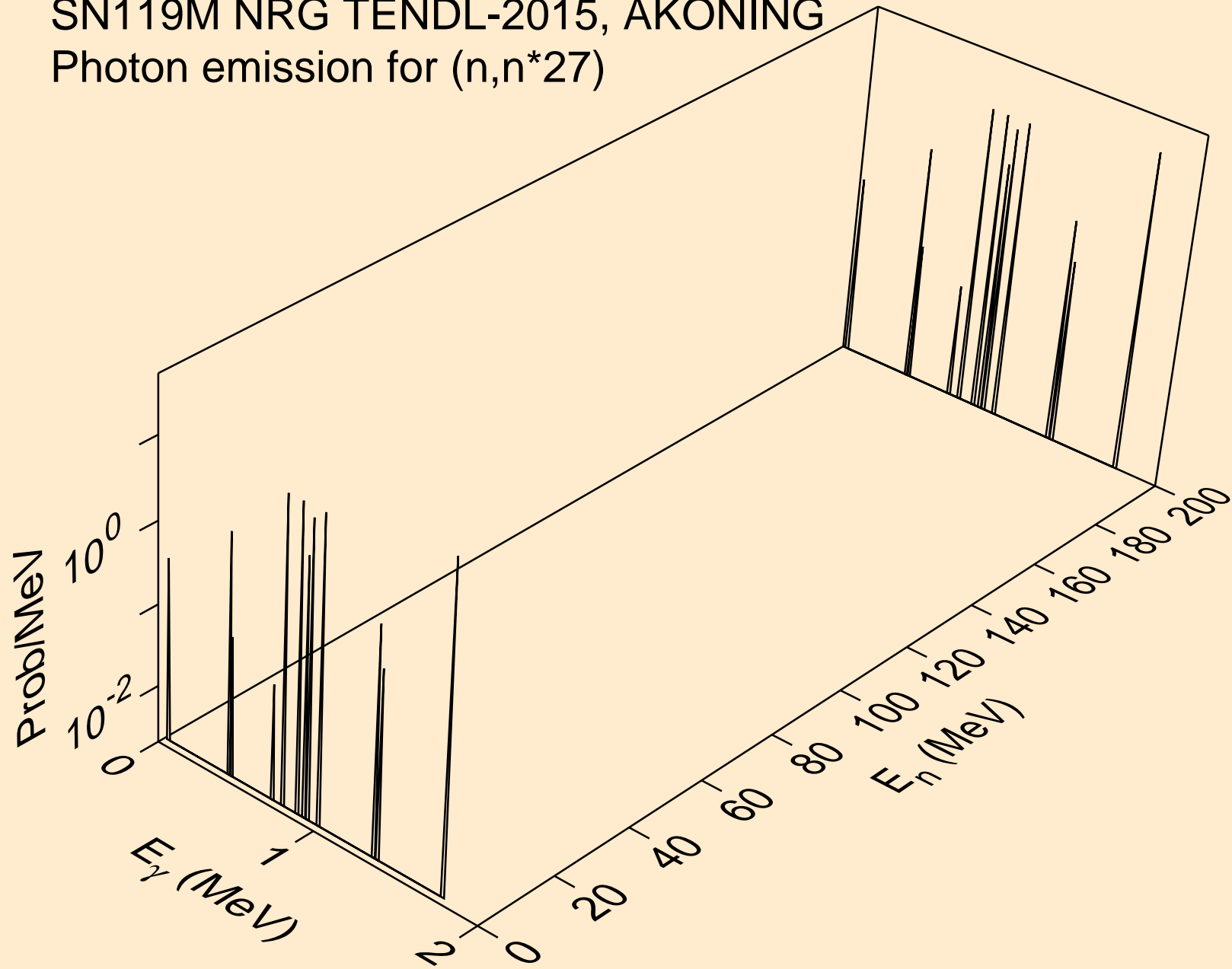


SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*26)

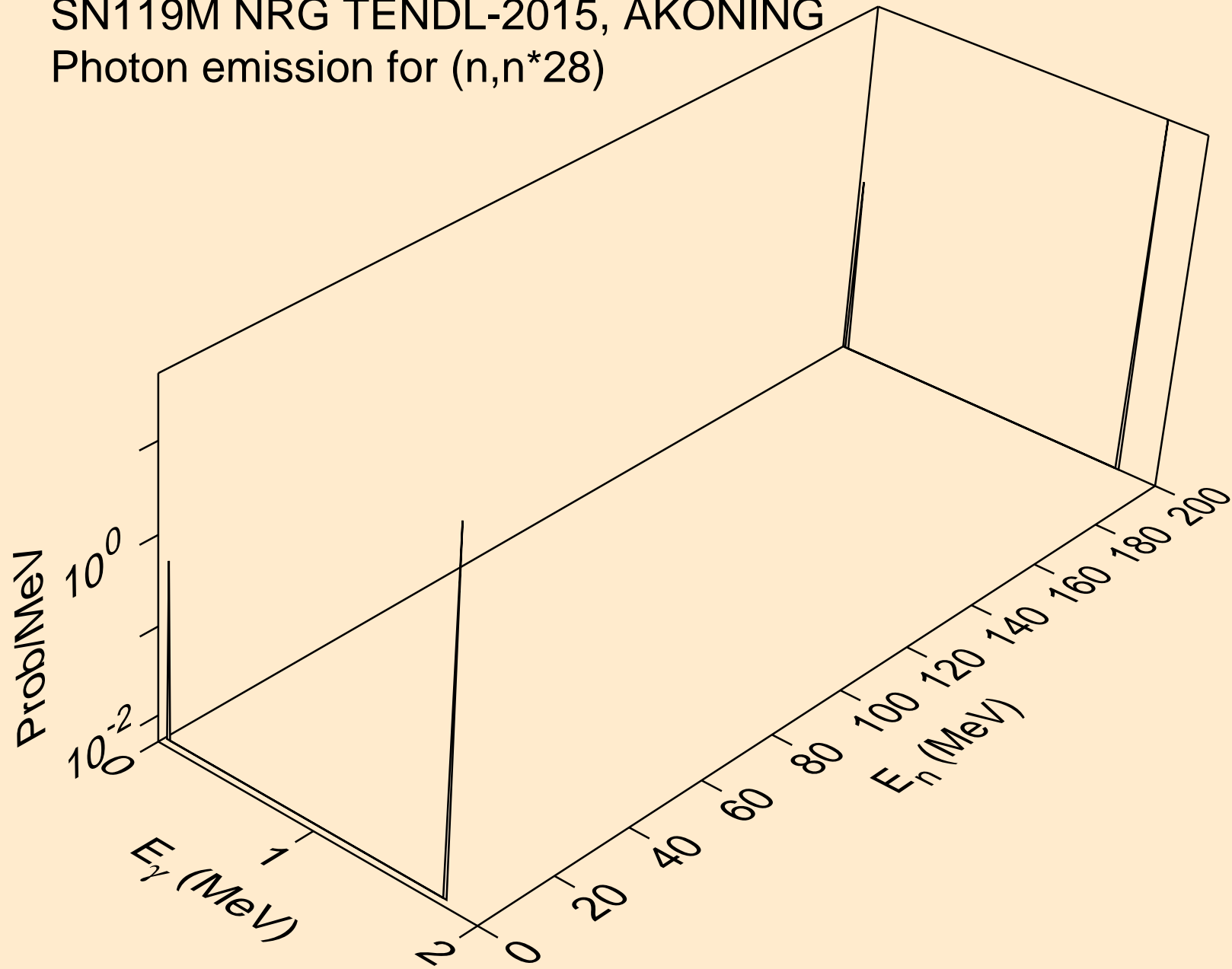




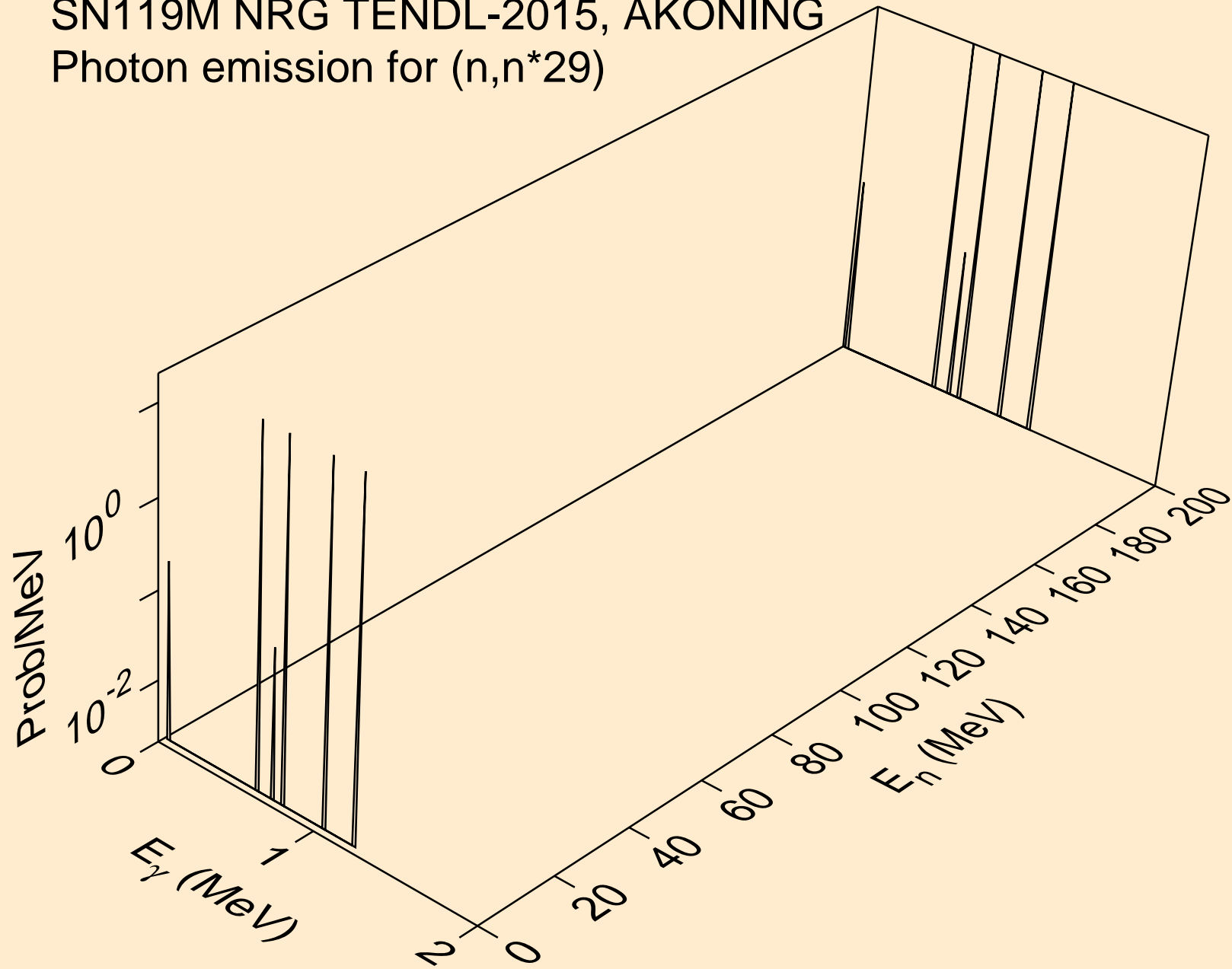
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Photon emission for (n,n\*27)



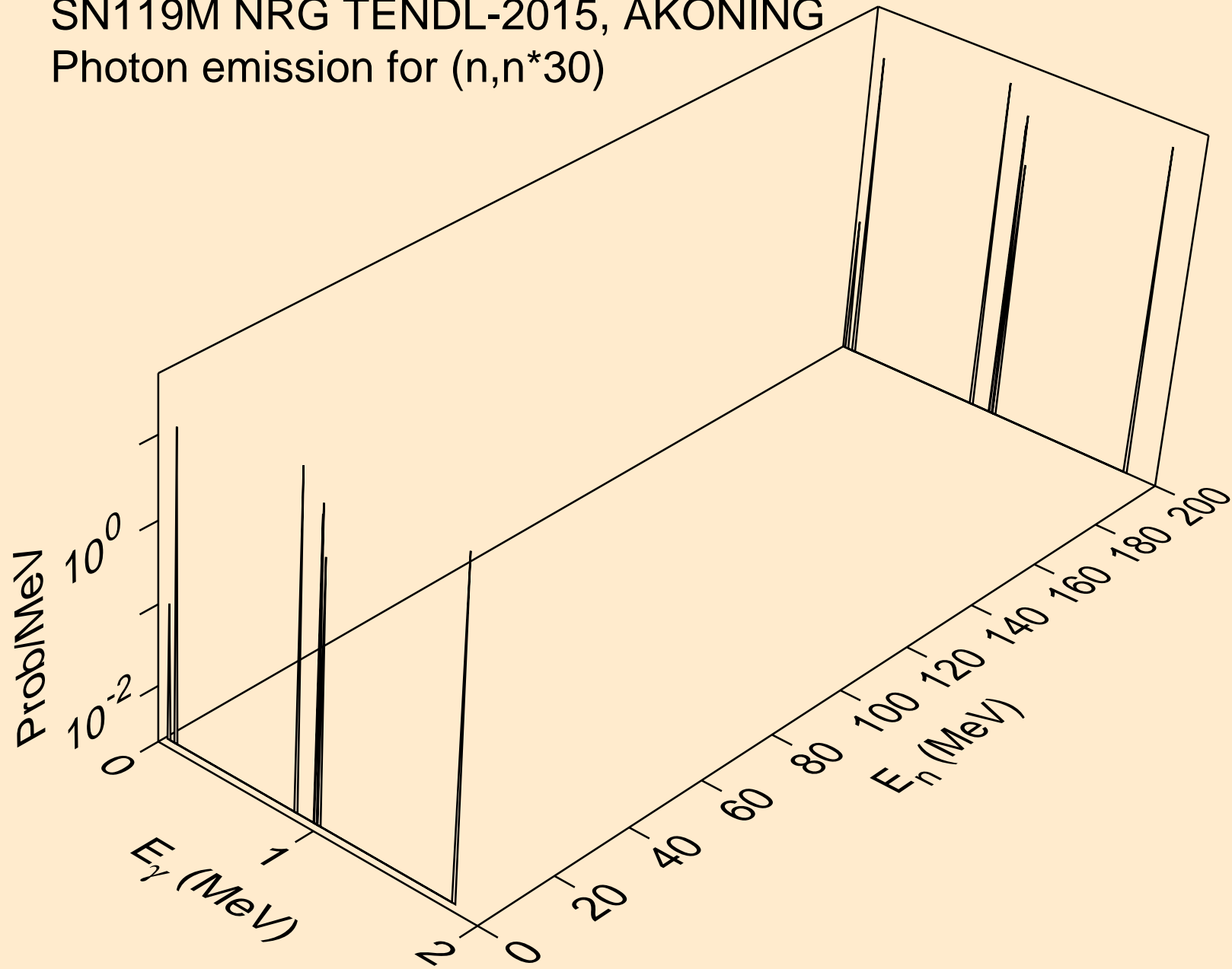
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Photon emission for (n,n\*28)



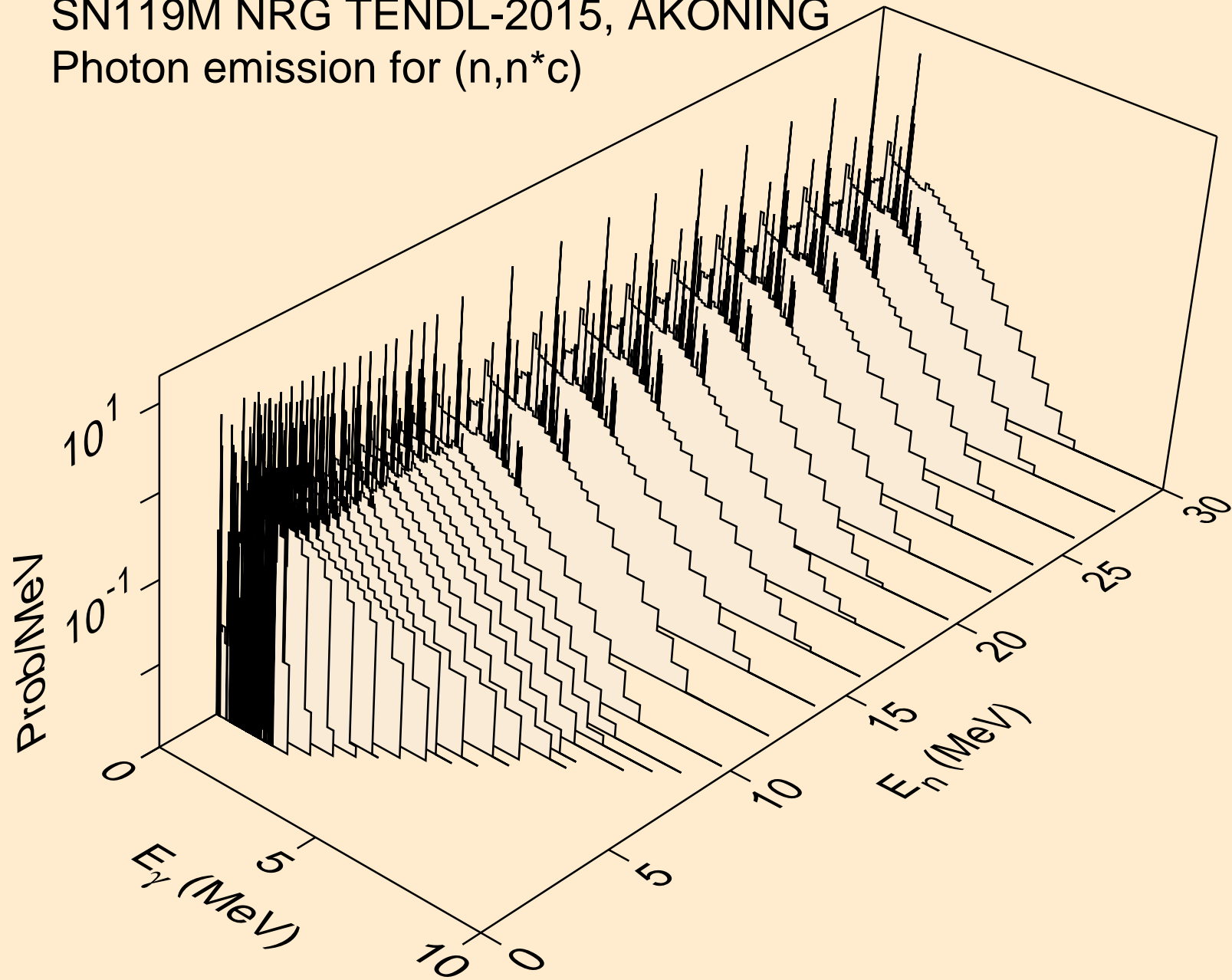
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Photon emission for (n,n\*29)



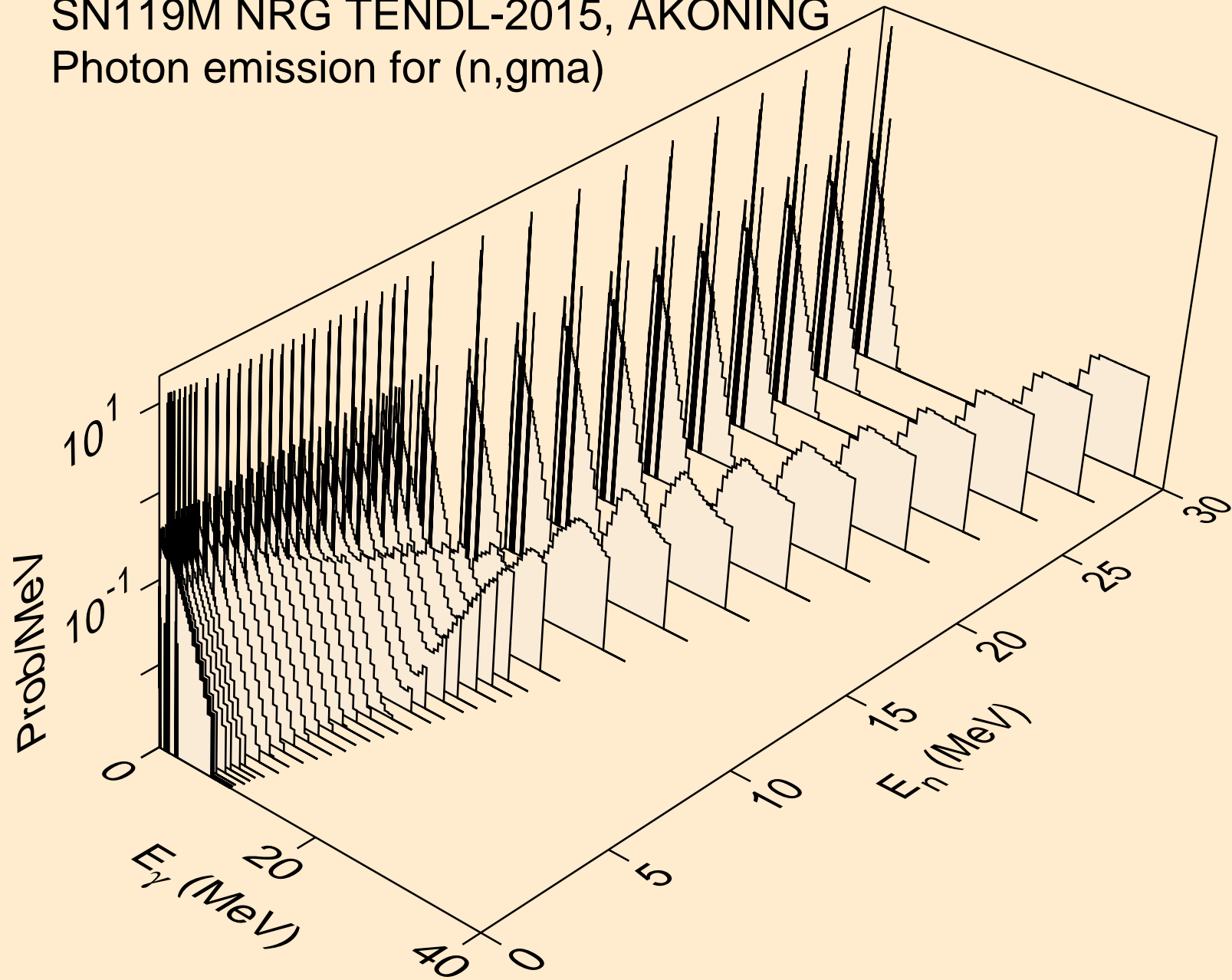
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*30)



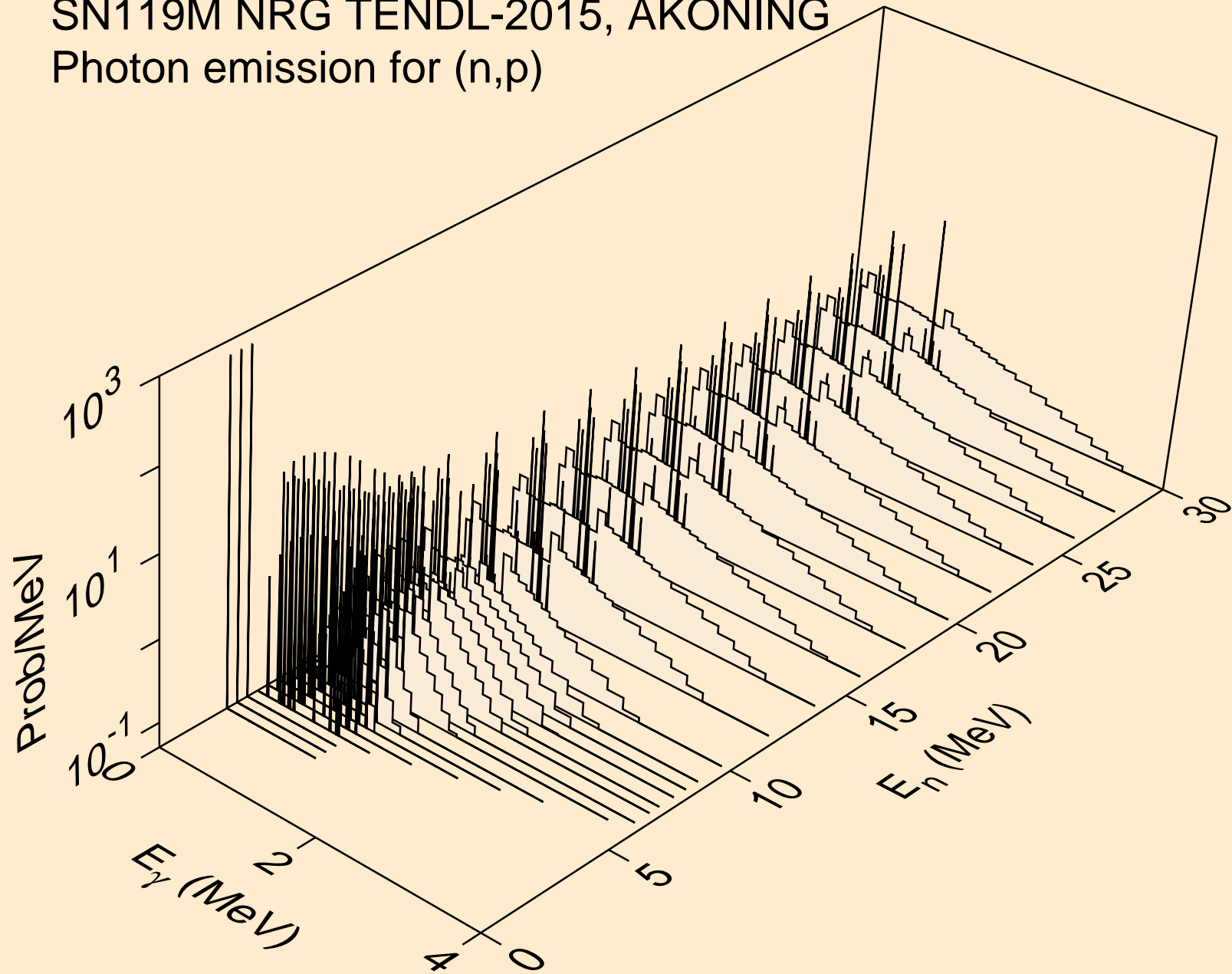
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,n\*c)



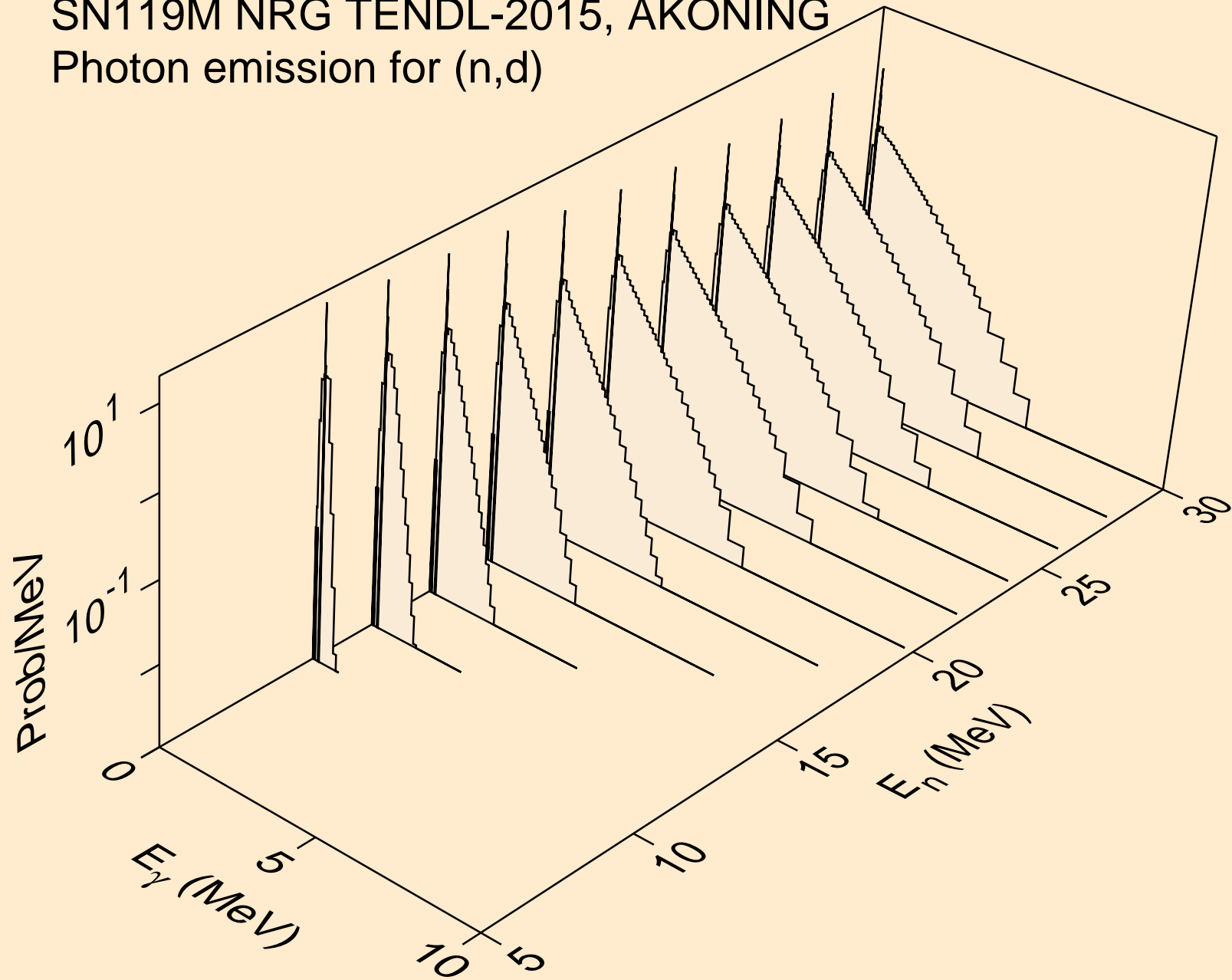
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,gma)



SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,p)

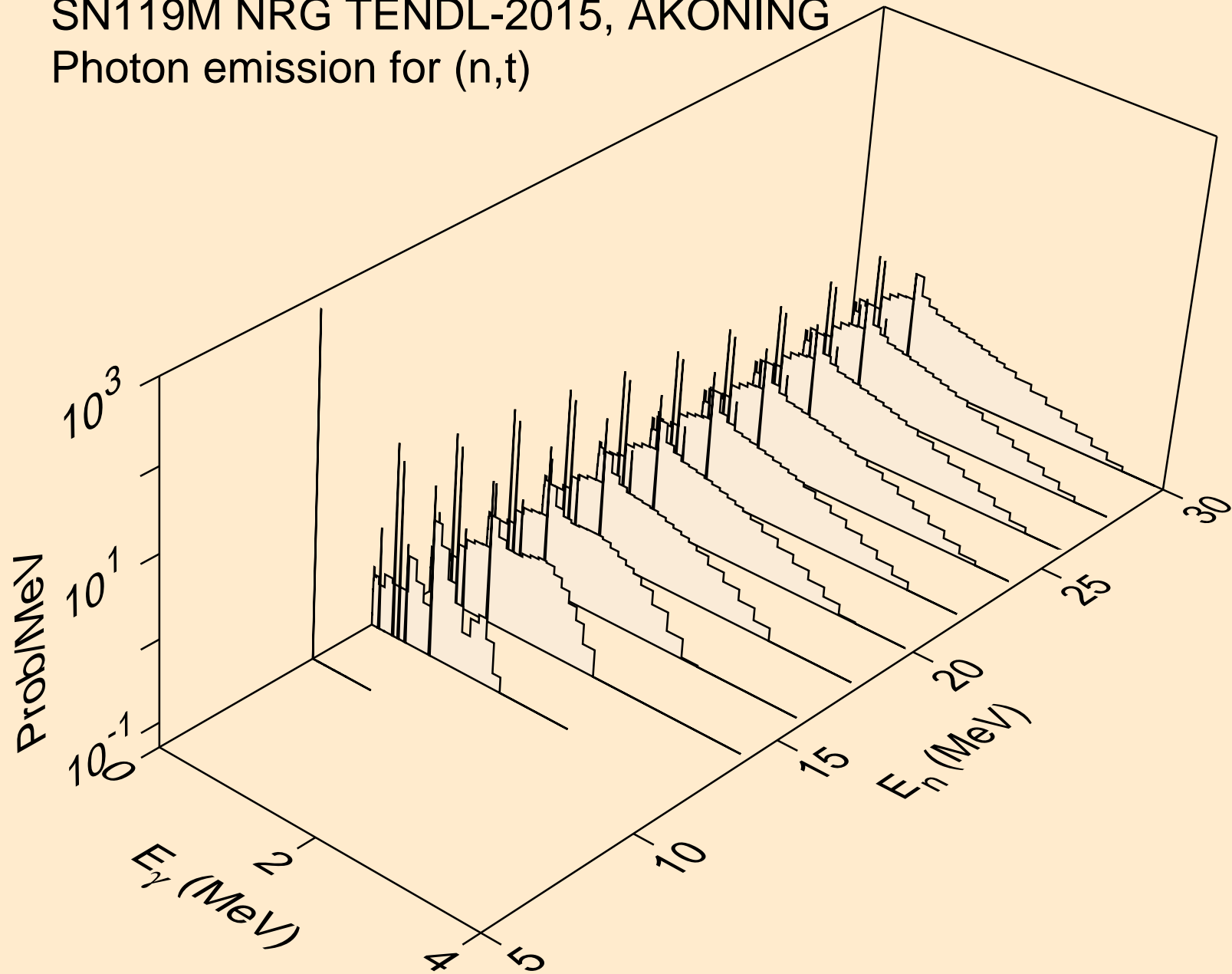


SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,d)

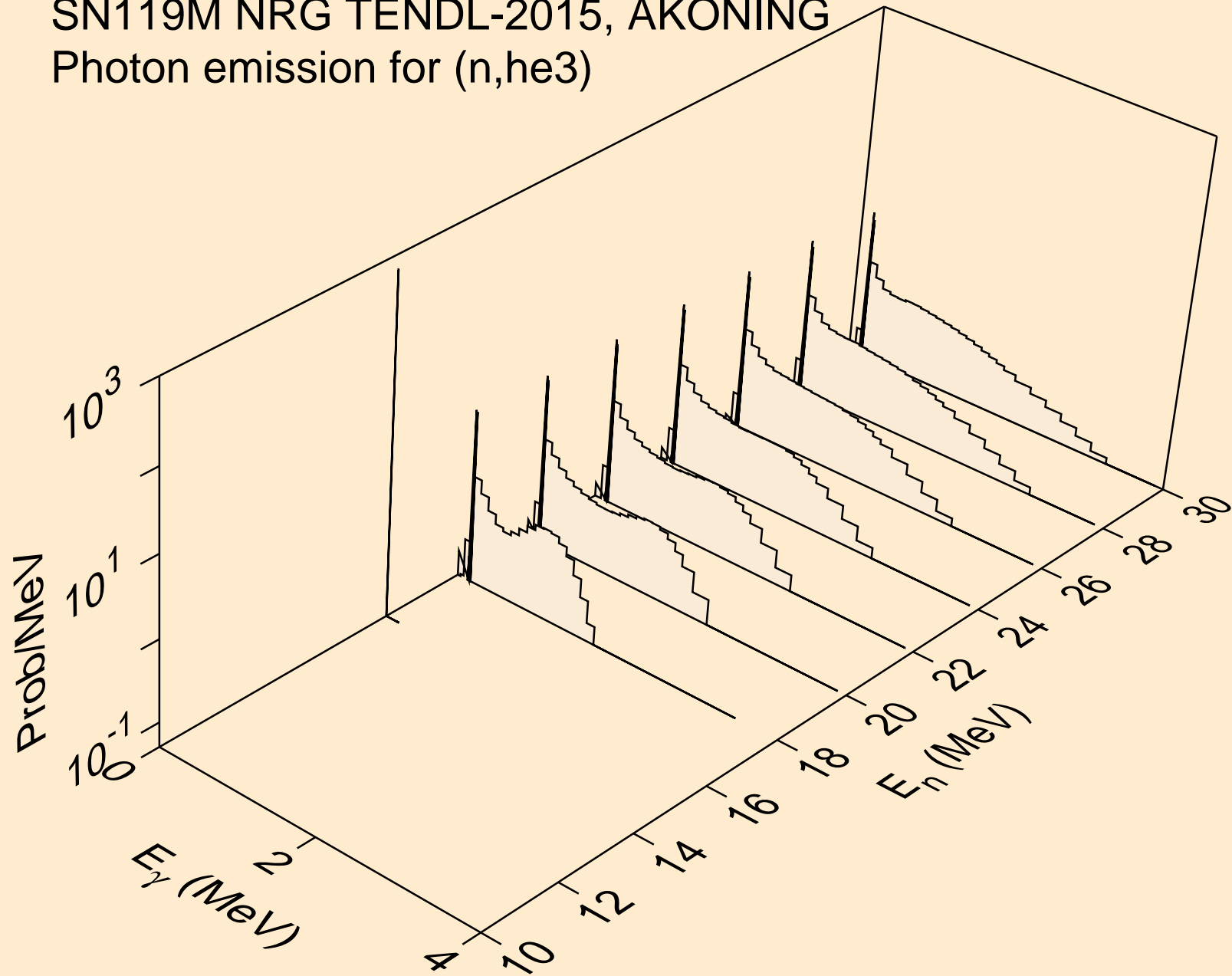




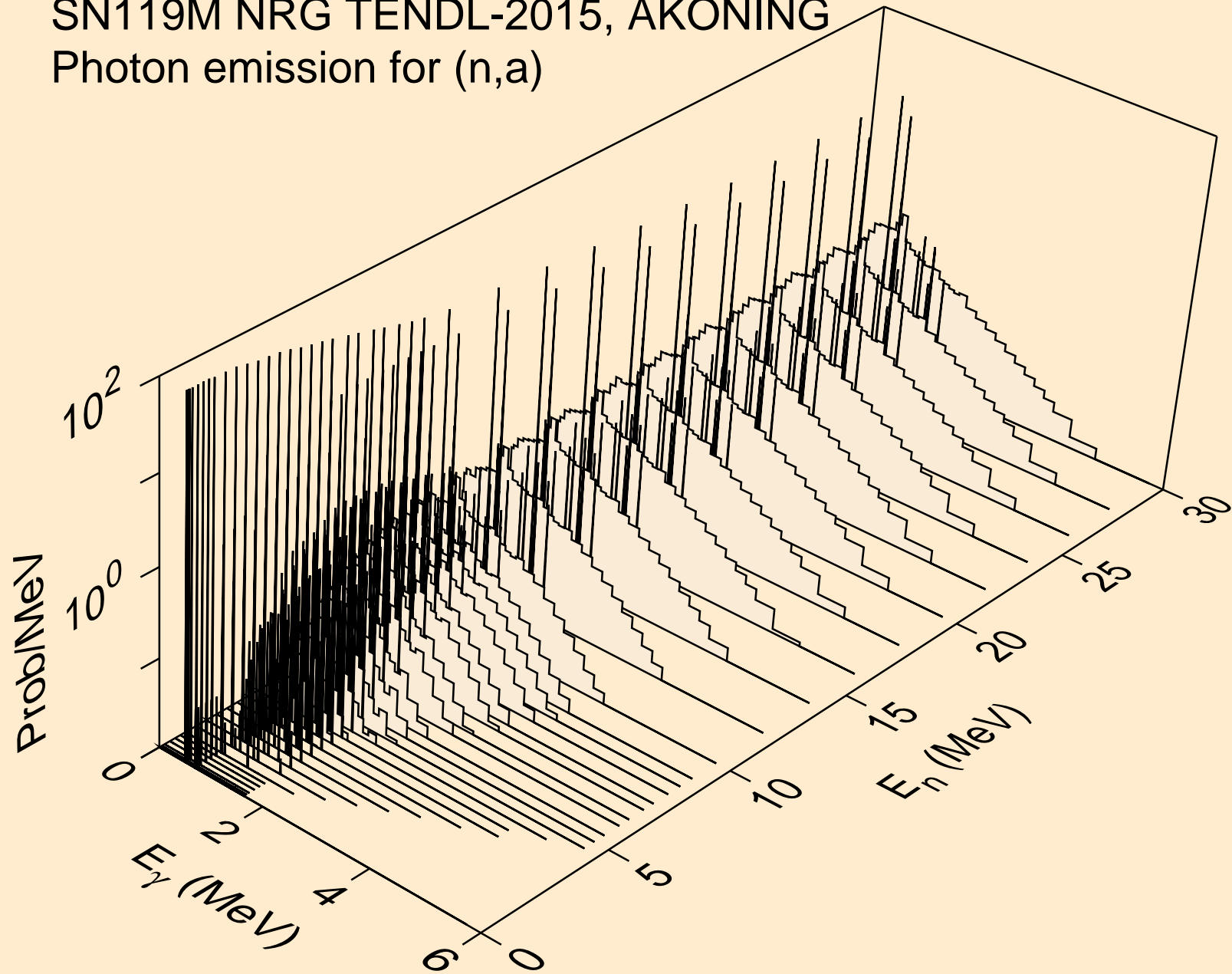
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Photon emission for (n,t)



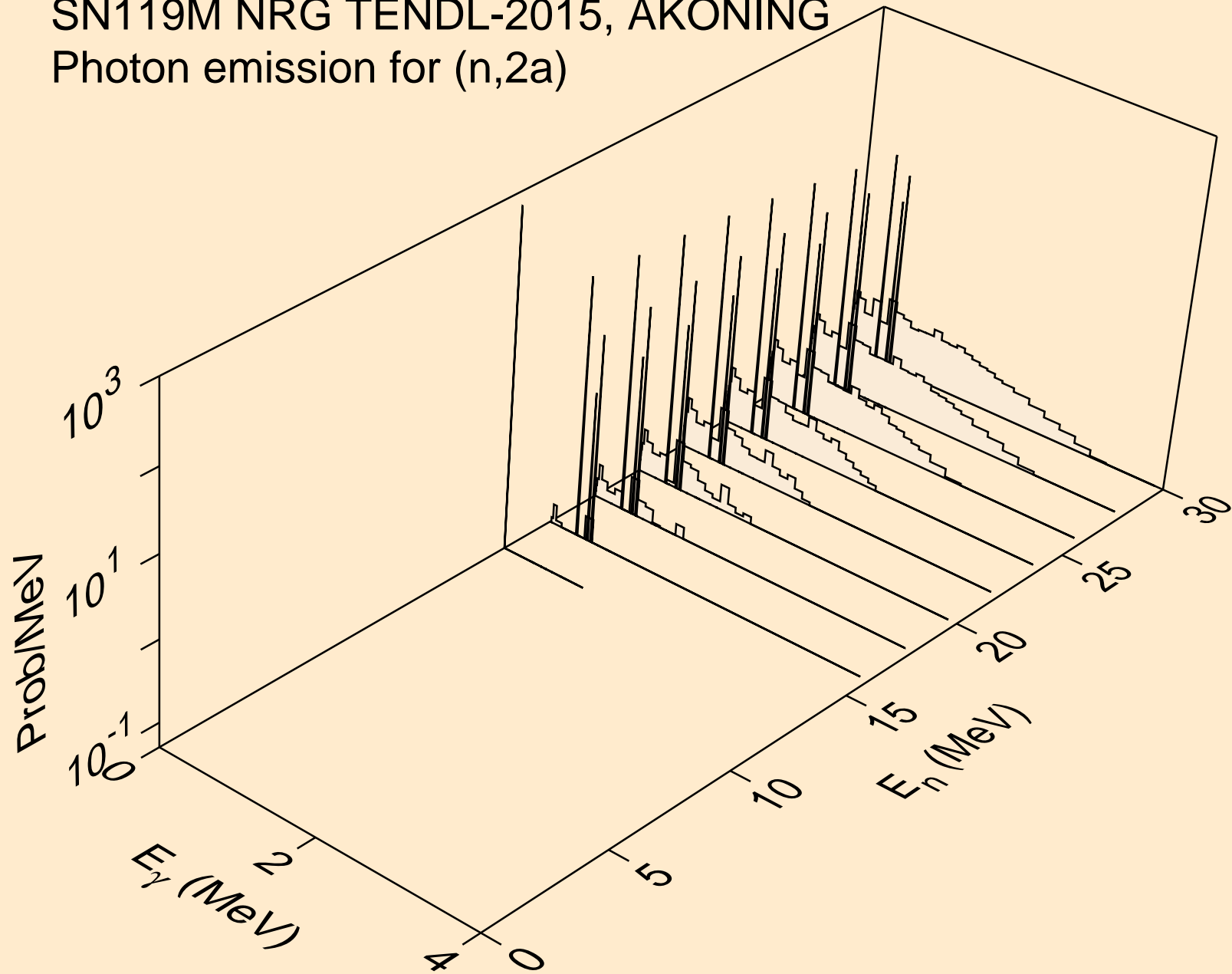
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Photon emission for (n,he3)



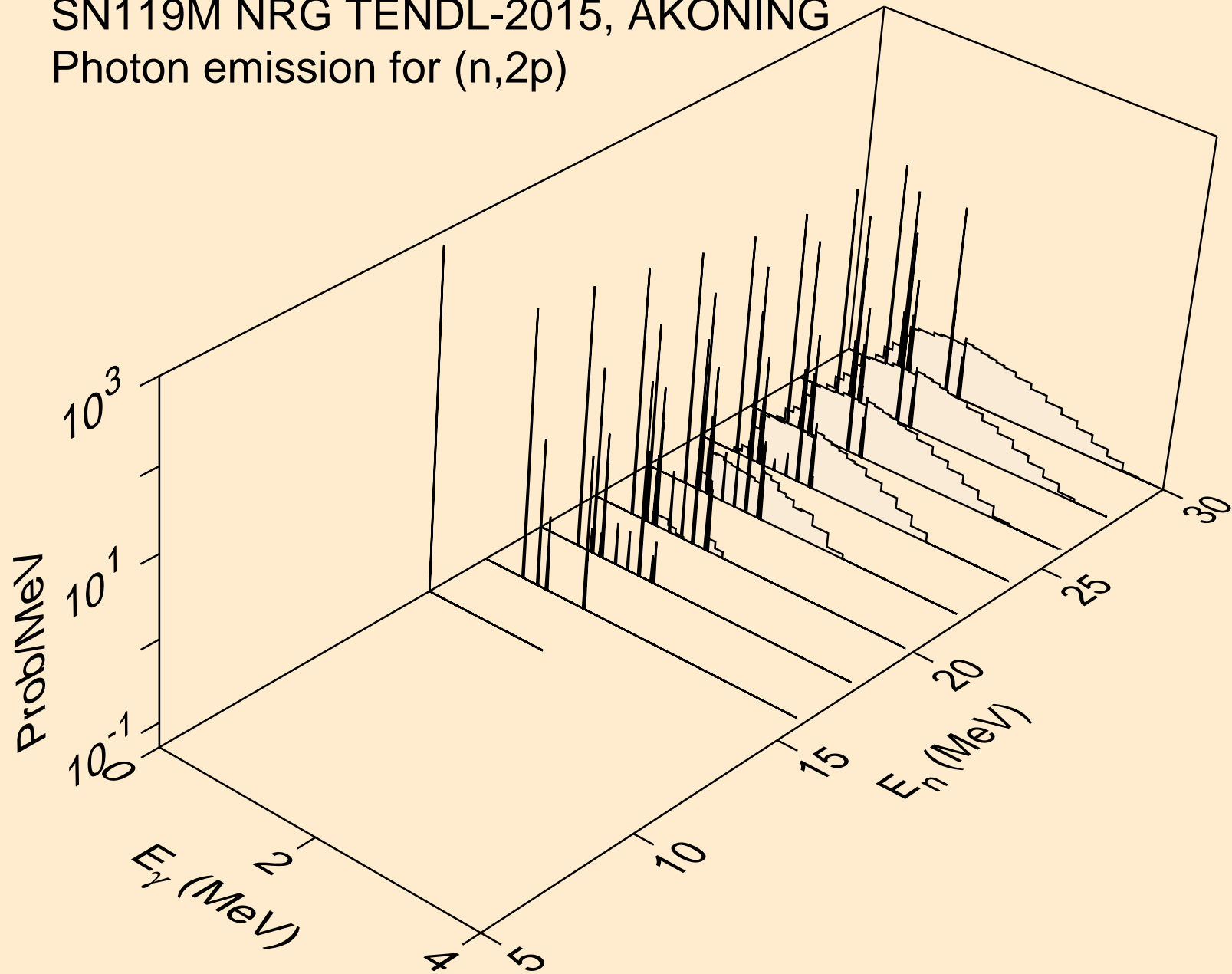
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Photon emission for (n,a)



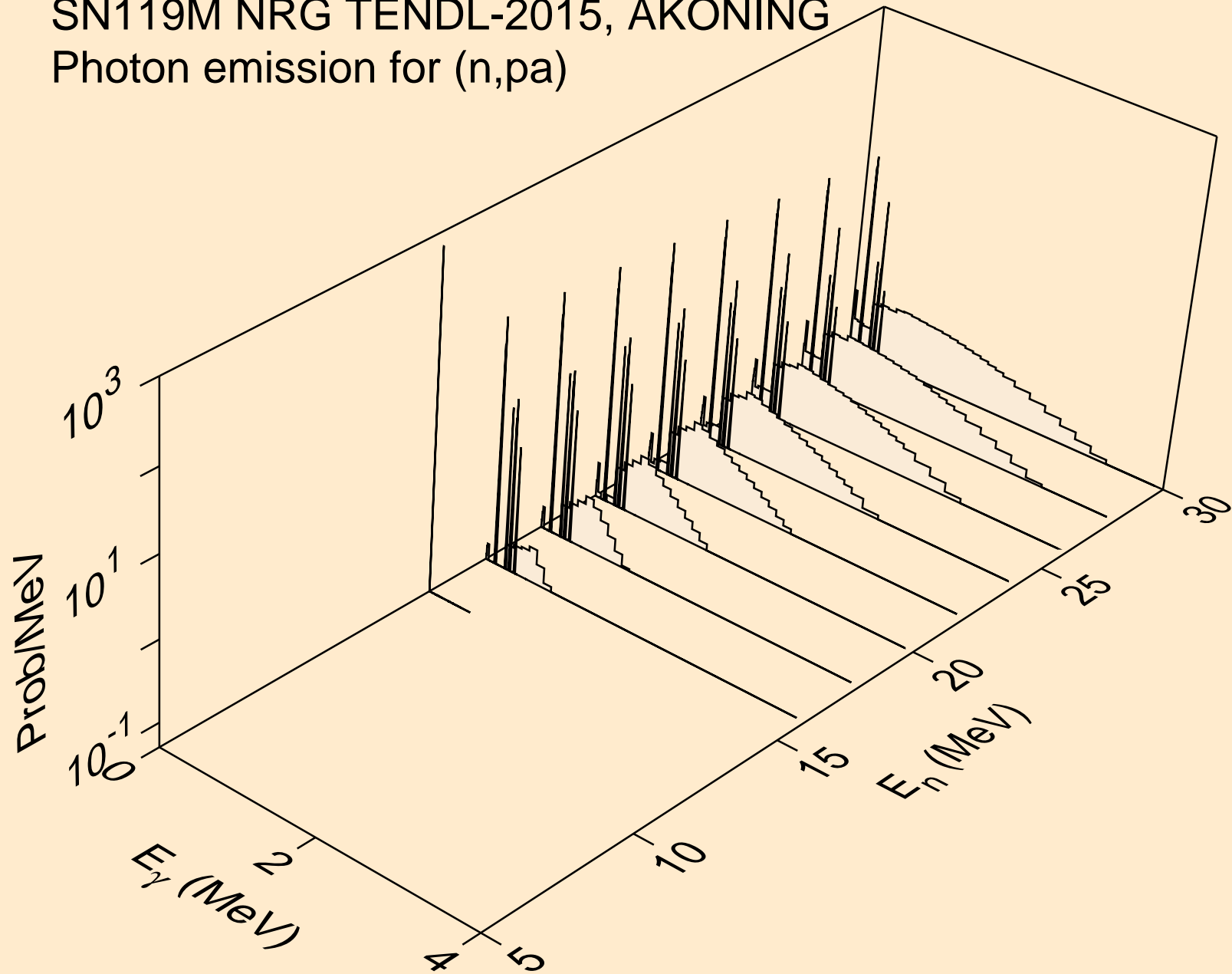
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,2a)



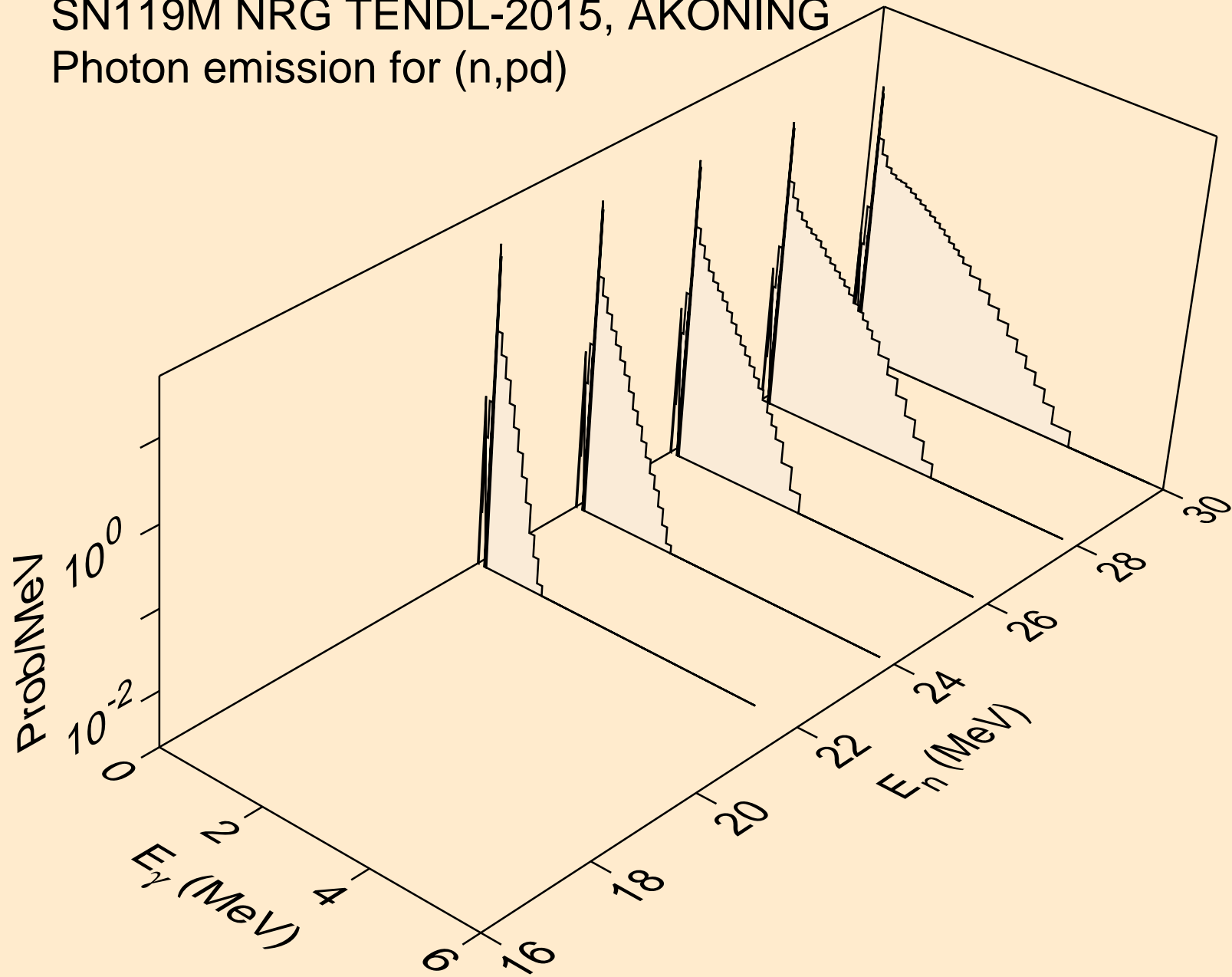
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Photon emission for (n,2p)



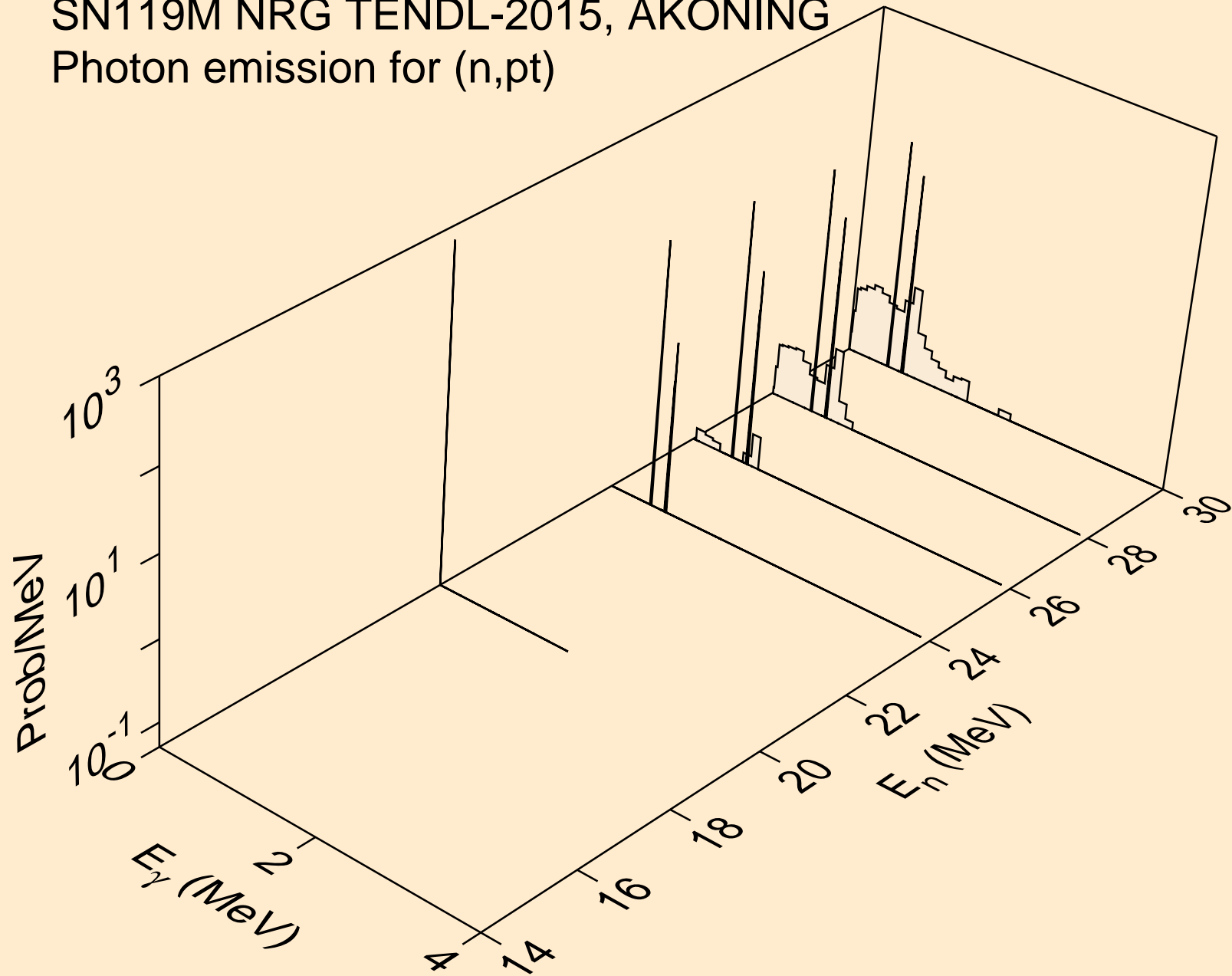
SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,pa)



SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,pd)

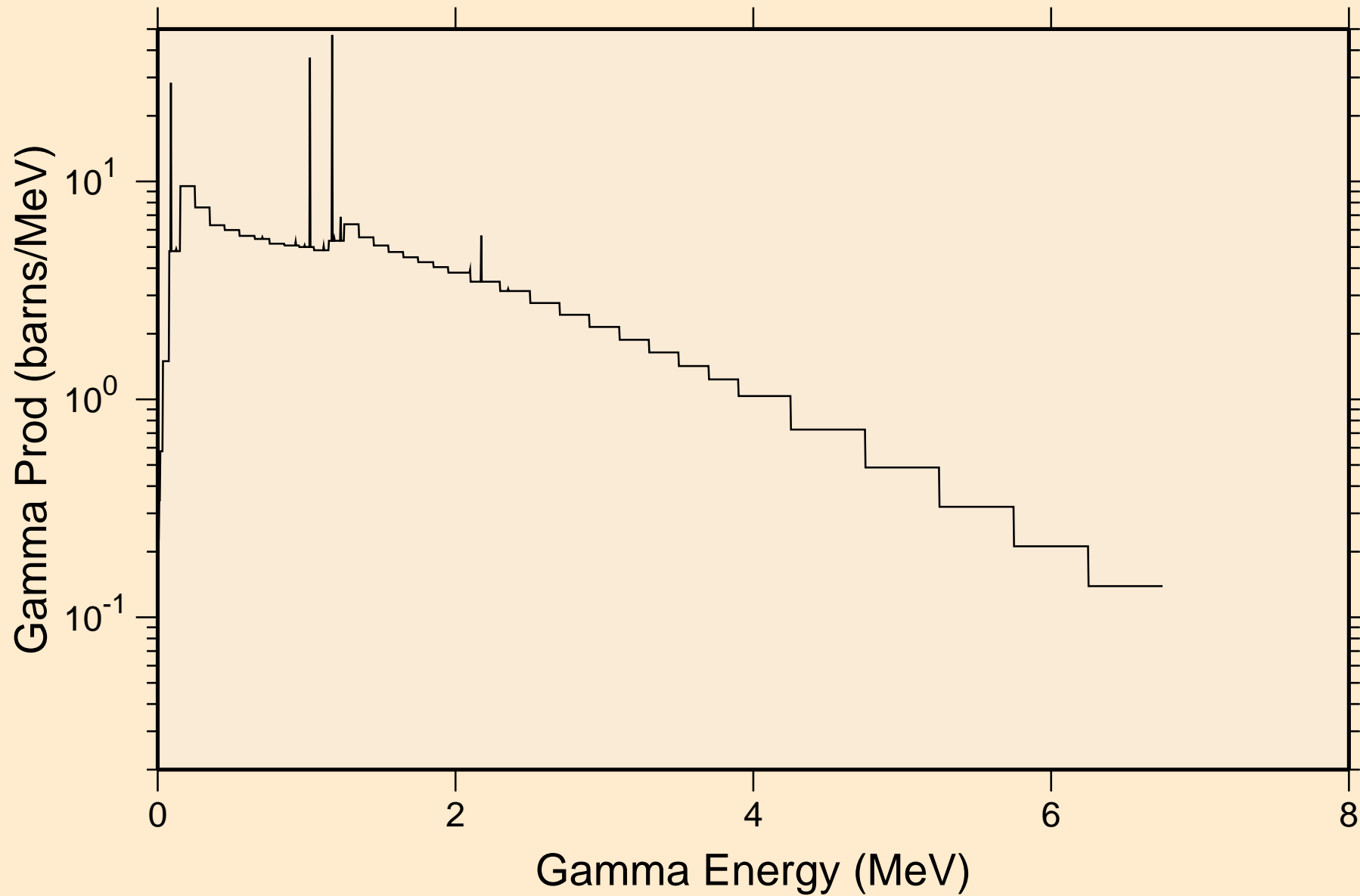


SN119M NRG TENDL-2015, AKONING  
Photon emission for (n,pt)

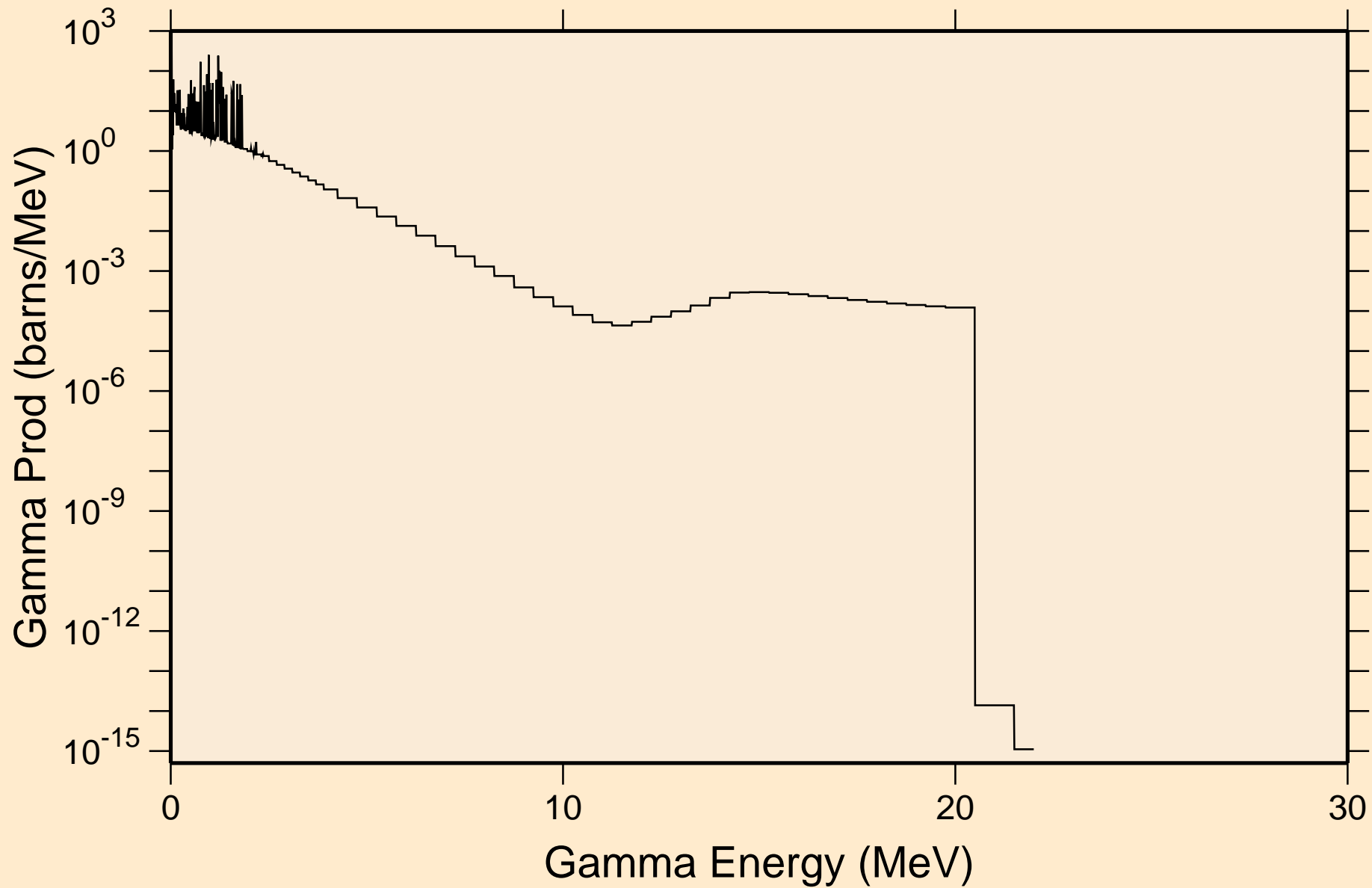




SN119M NRG TENDL-2015, AKONING  
thermal capture photon spectrum

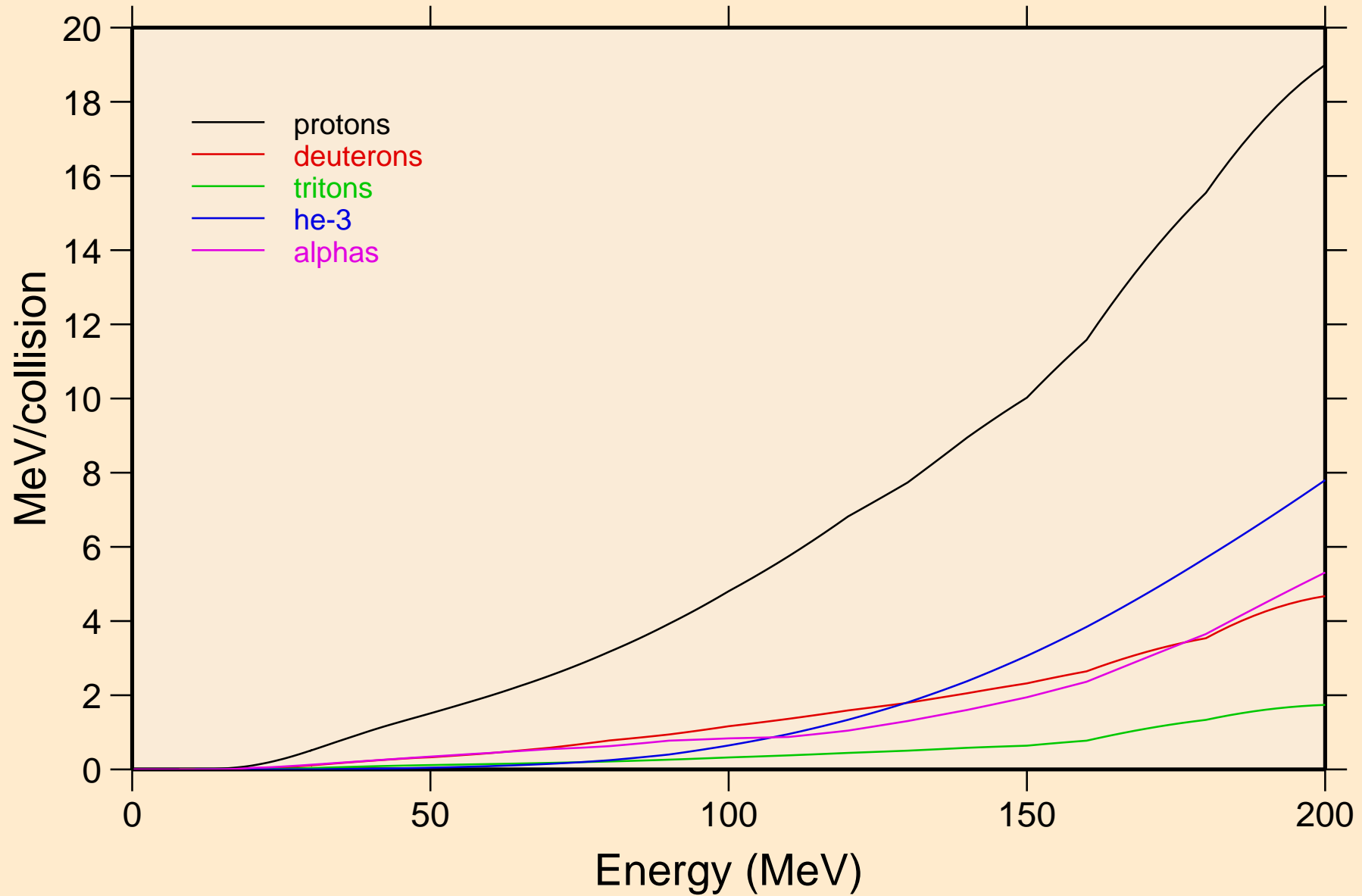


SN119M NRG TENDL-2015, AKONING  
14 MeV photon spectrum



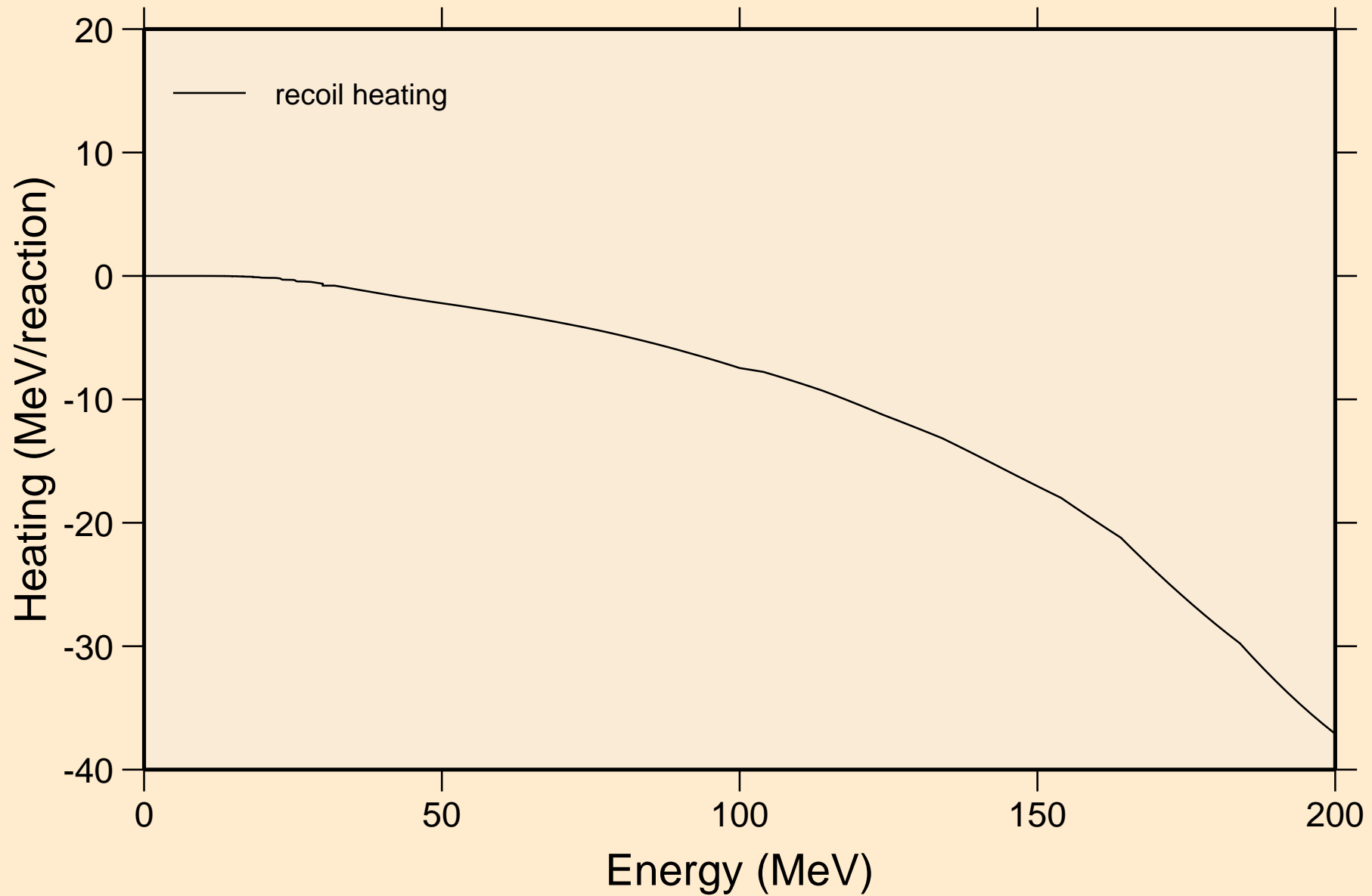
# SN119M NRG TENDL-2015, AKONING

## Particle heating contributions



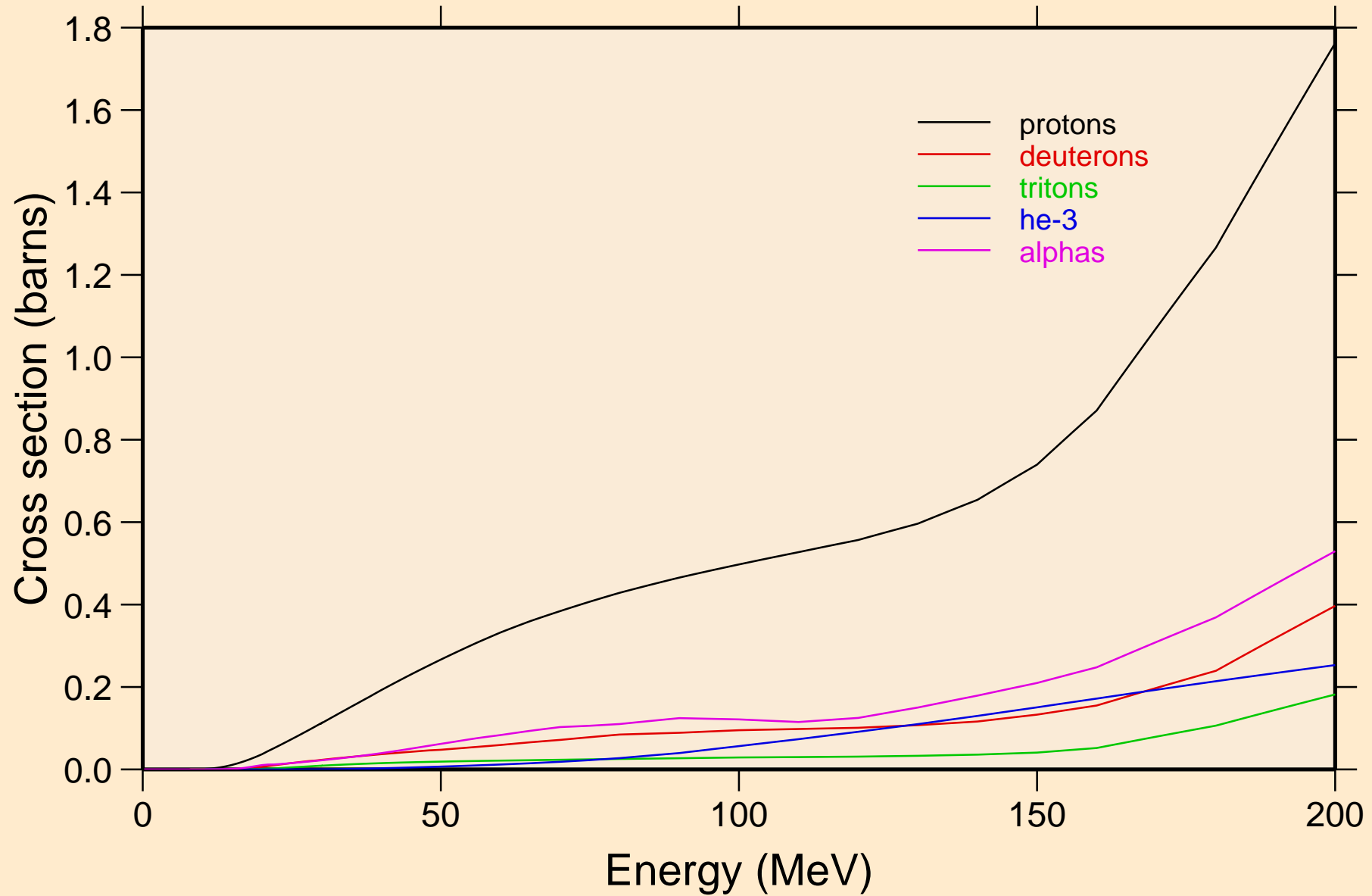
# SN119M NRG TENDL-2015, AKONING

## Recoil Heating

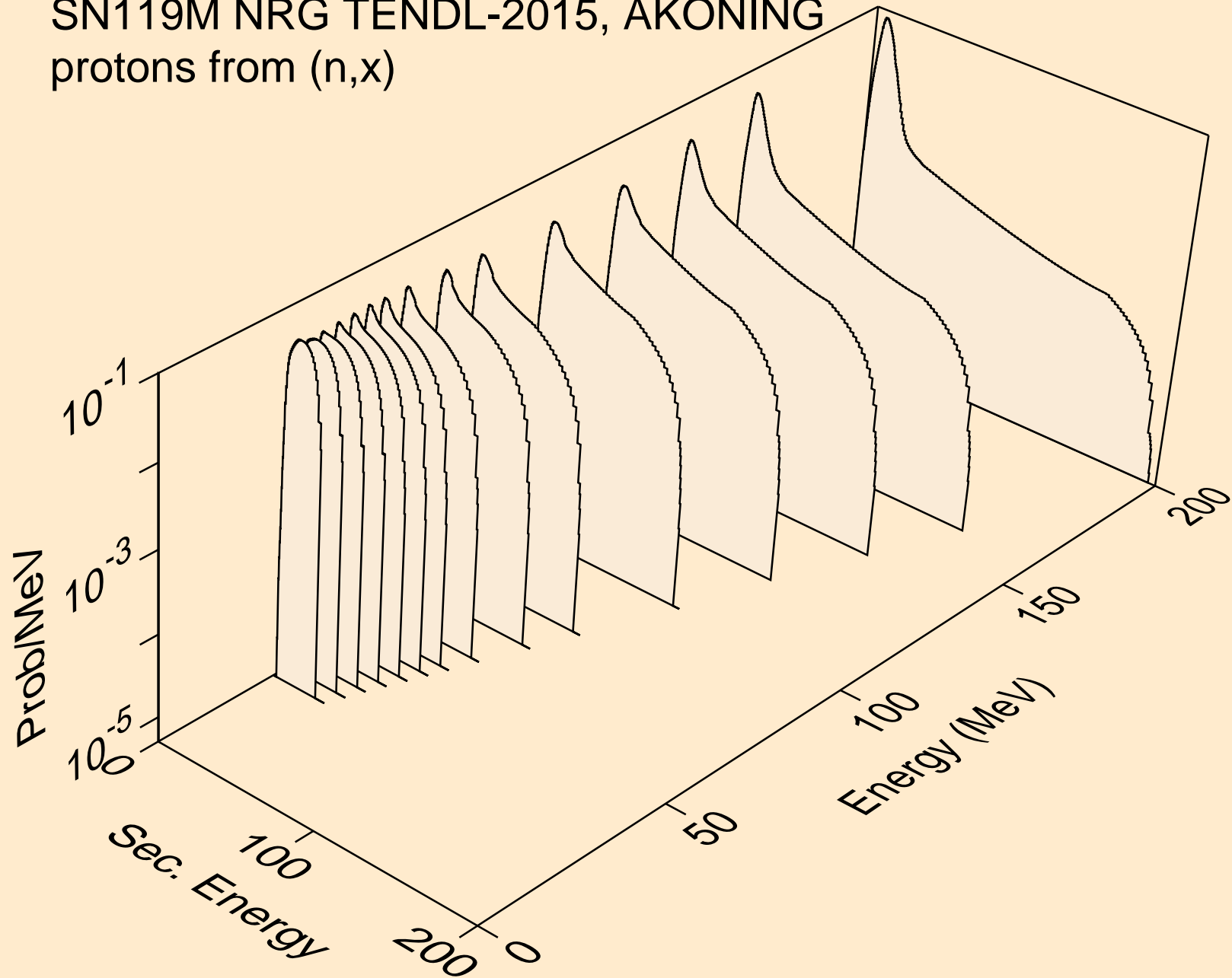


# SN119M NRG TENDL-2015, AKONING

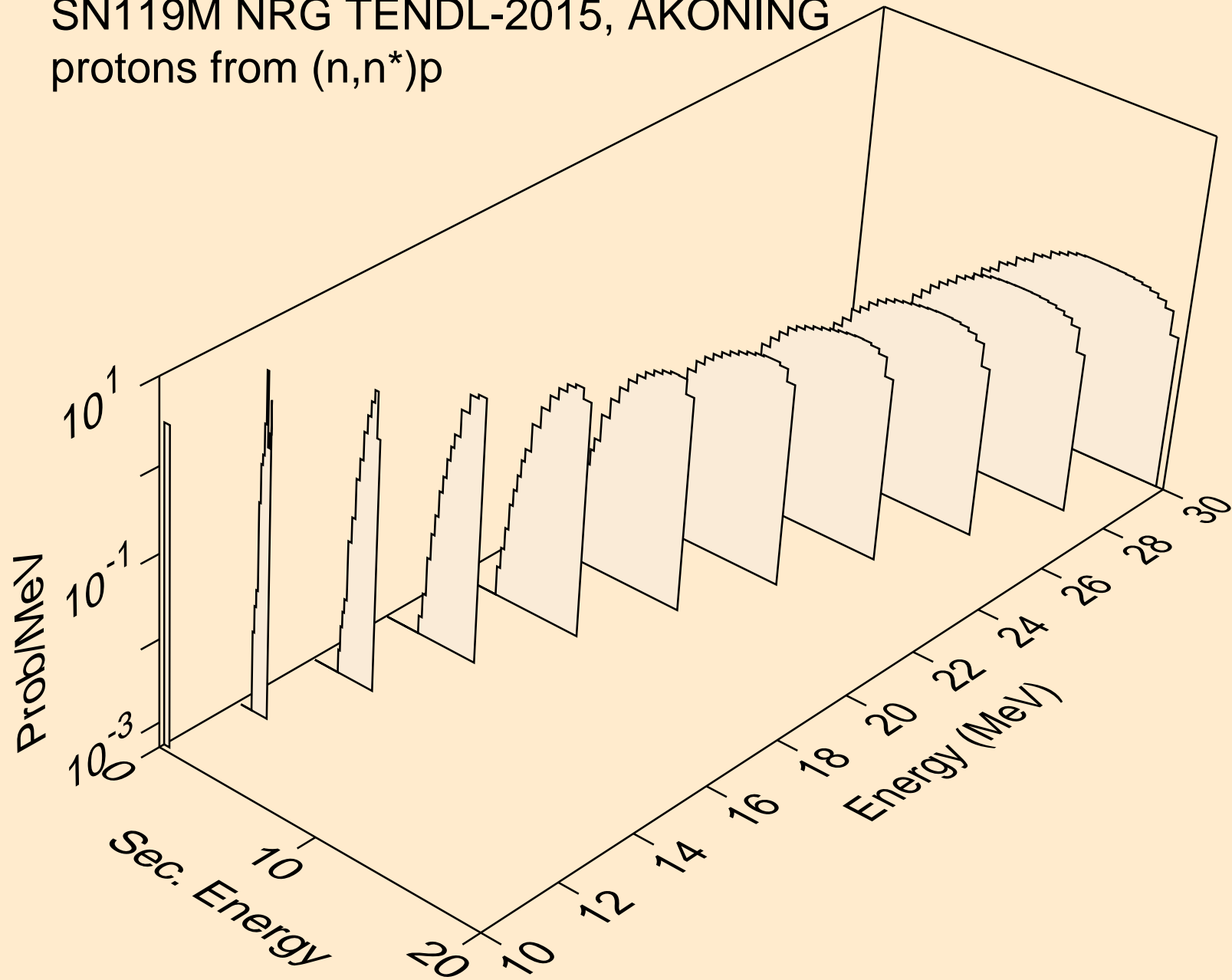
## Particle production cross sections



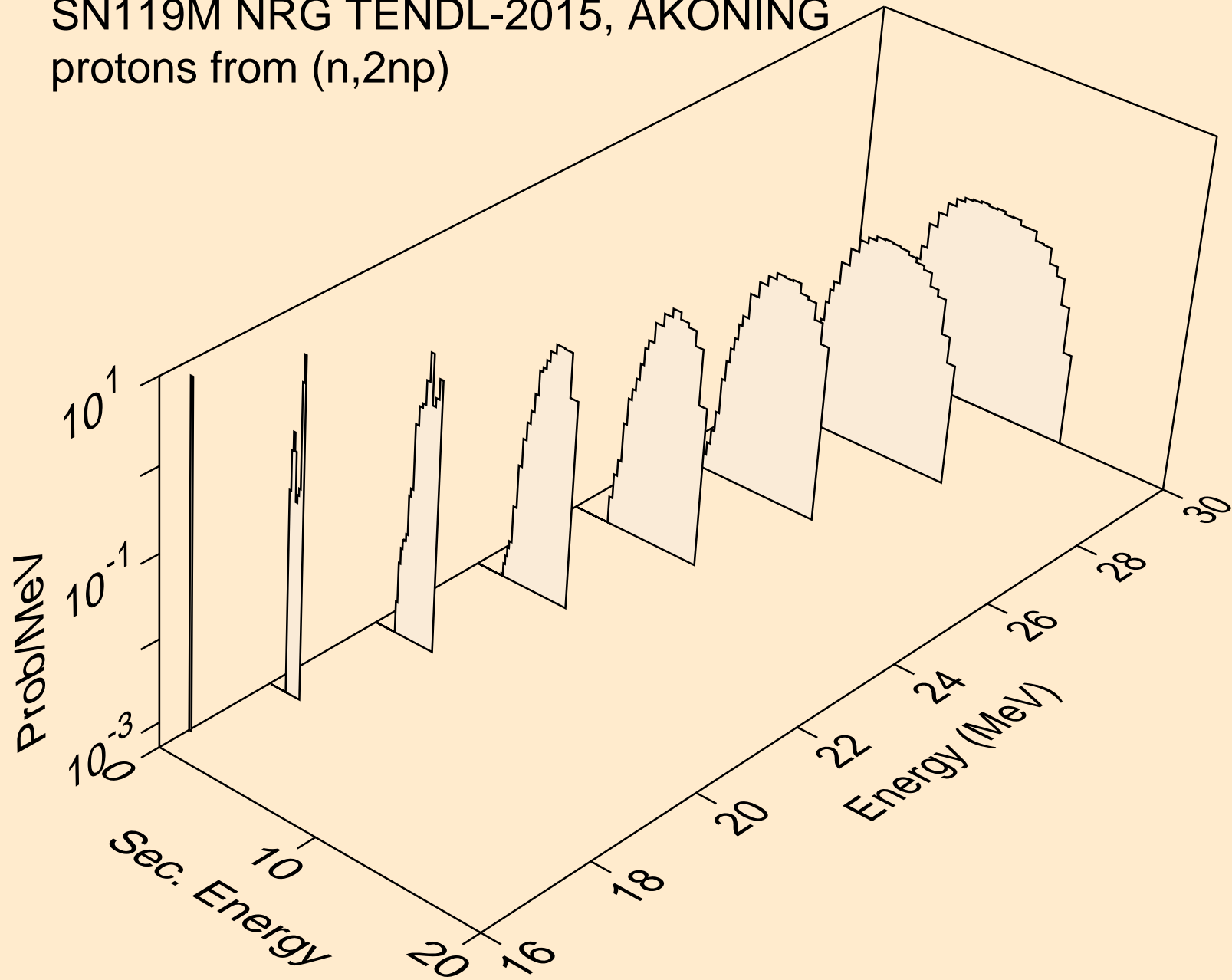
SN119M NRG TENDL-2015, AKONING  
protons from (n,x)



SN119M NRG TENDL-2015, AKONING  
protons from (n,n\*)p

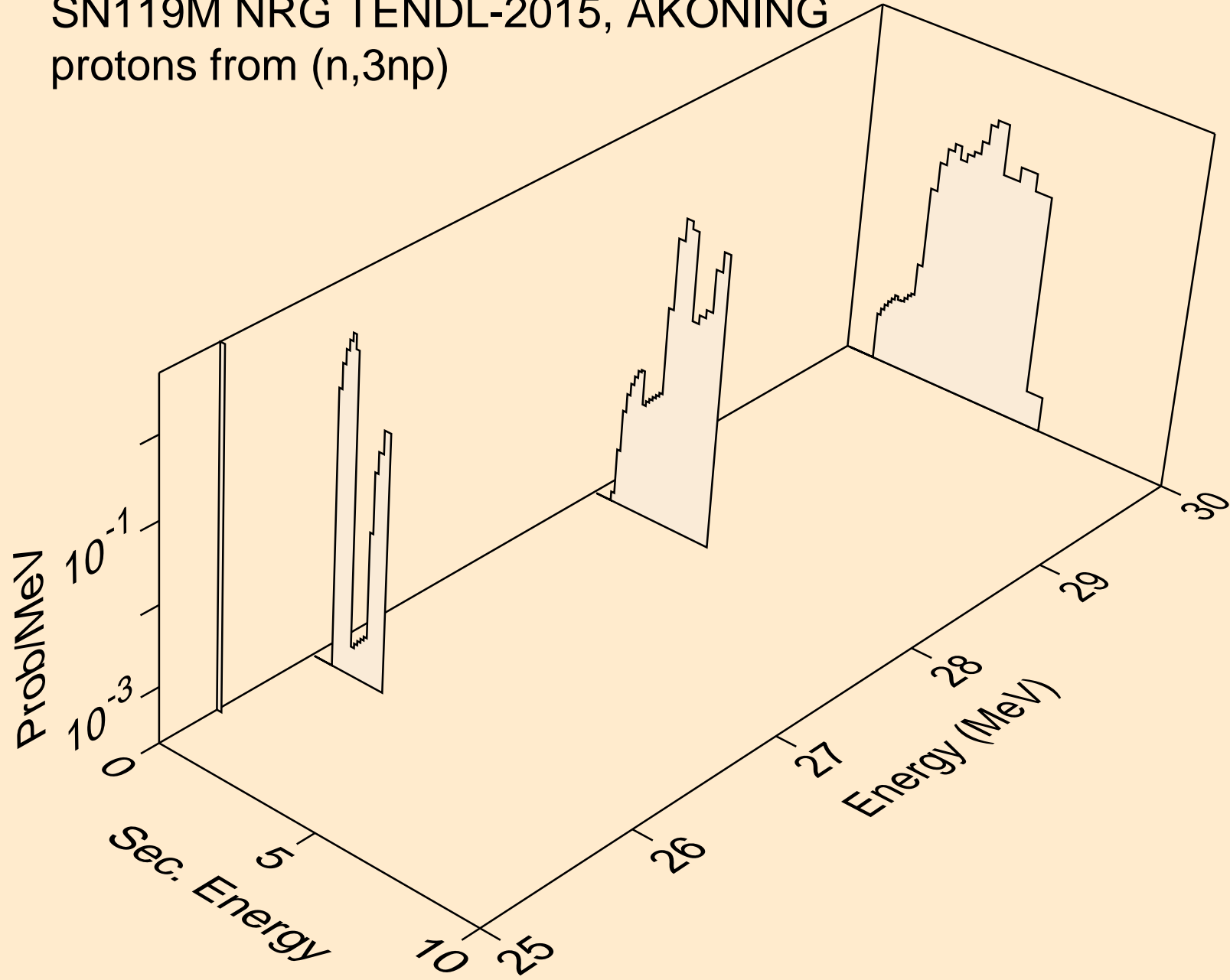


SN119M NRG TENDL-2015, AKONING  
protons from (n,2np)

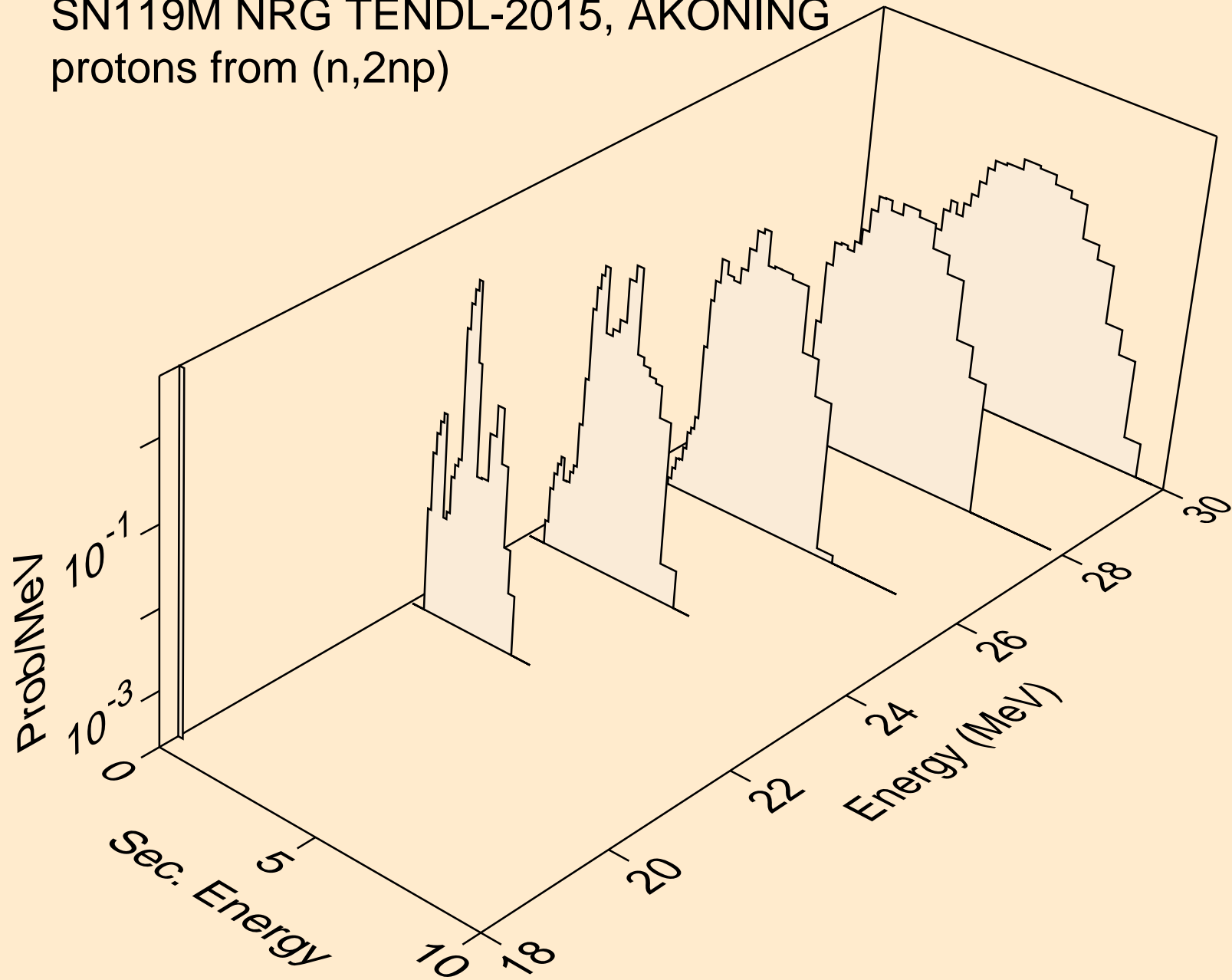




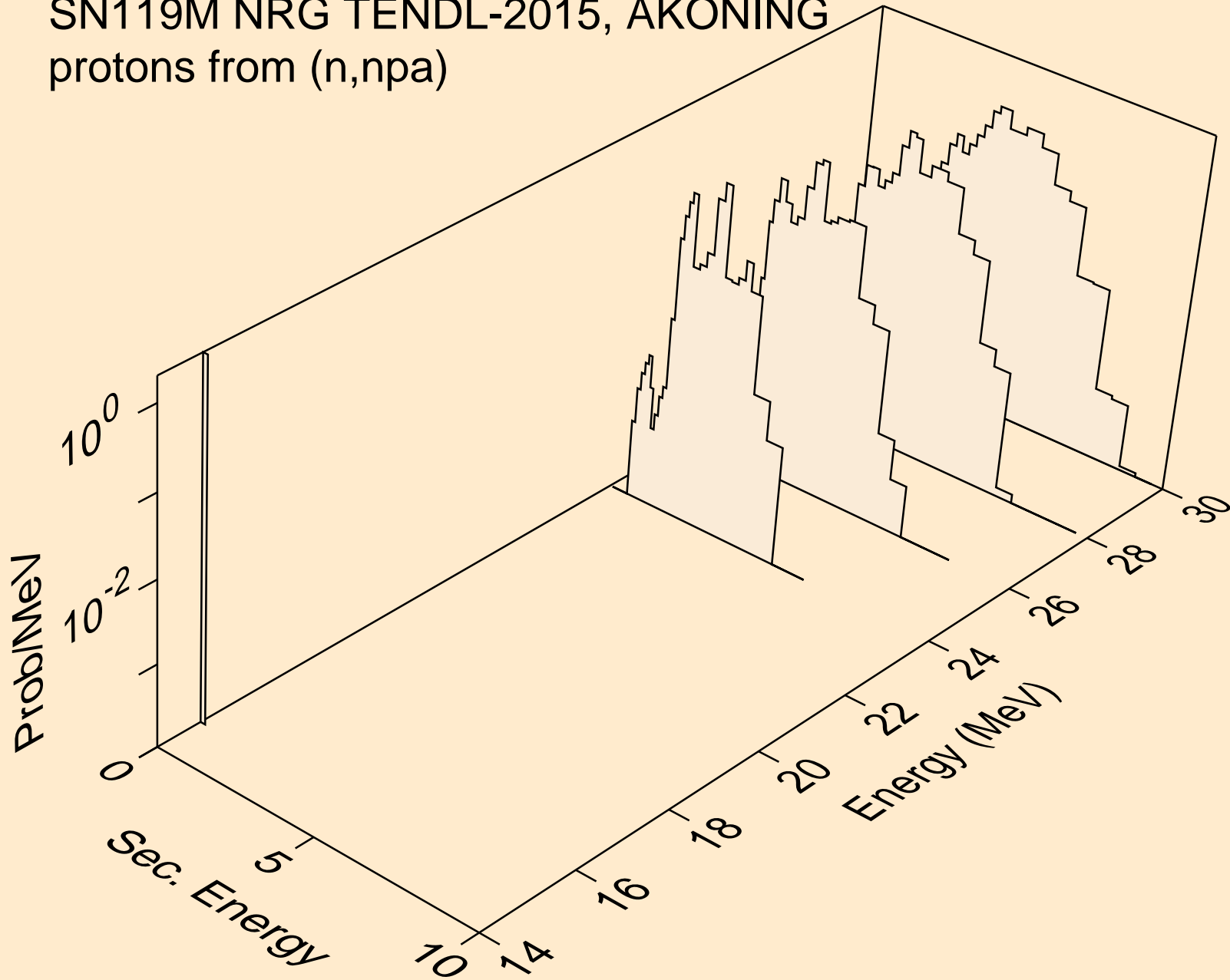
SN119M NRG TENDL-2015, AKONING  
protons from (n,3np)



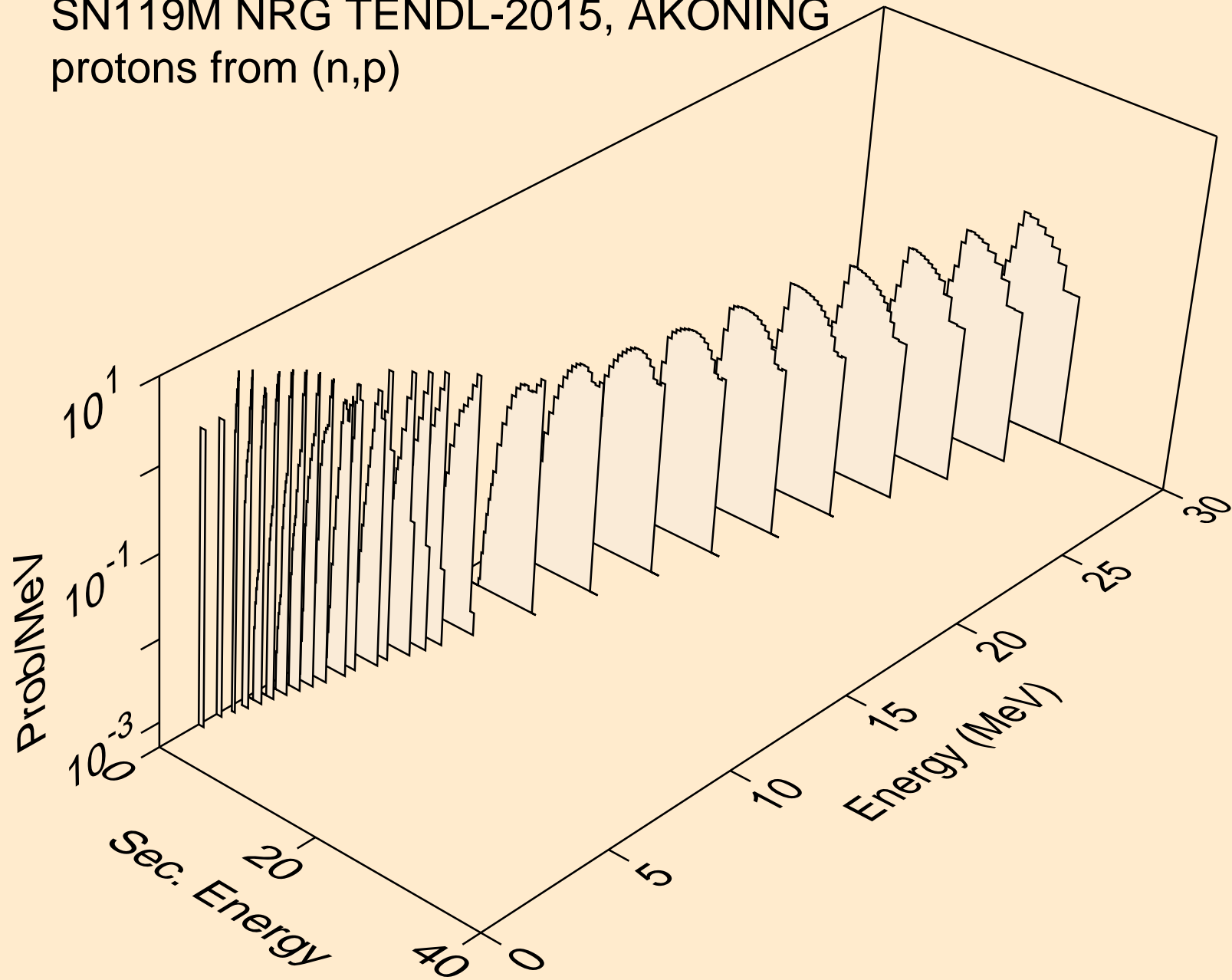
SN119M NRG TENDL-2015, AKONING  
protons from (n,2np)



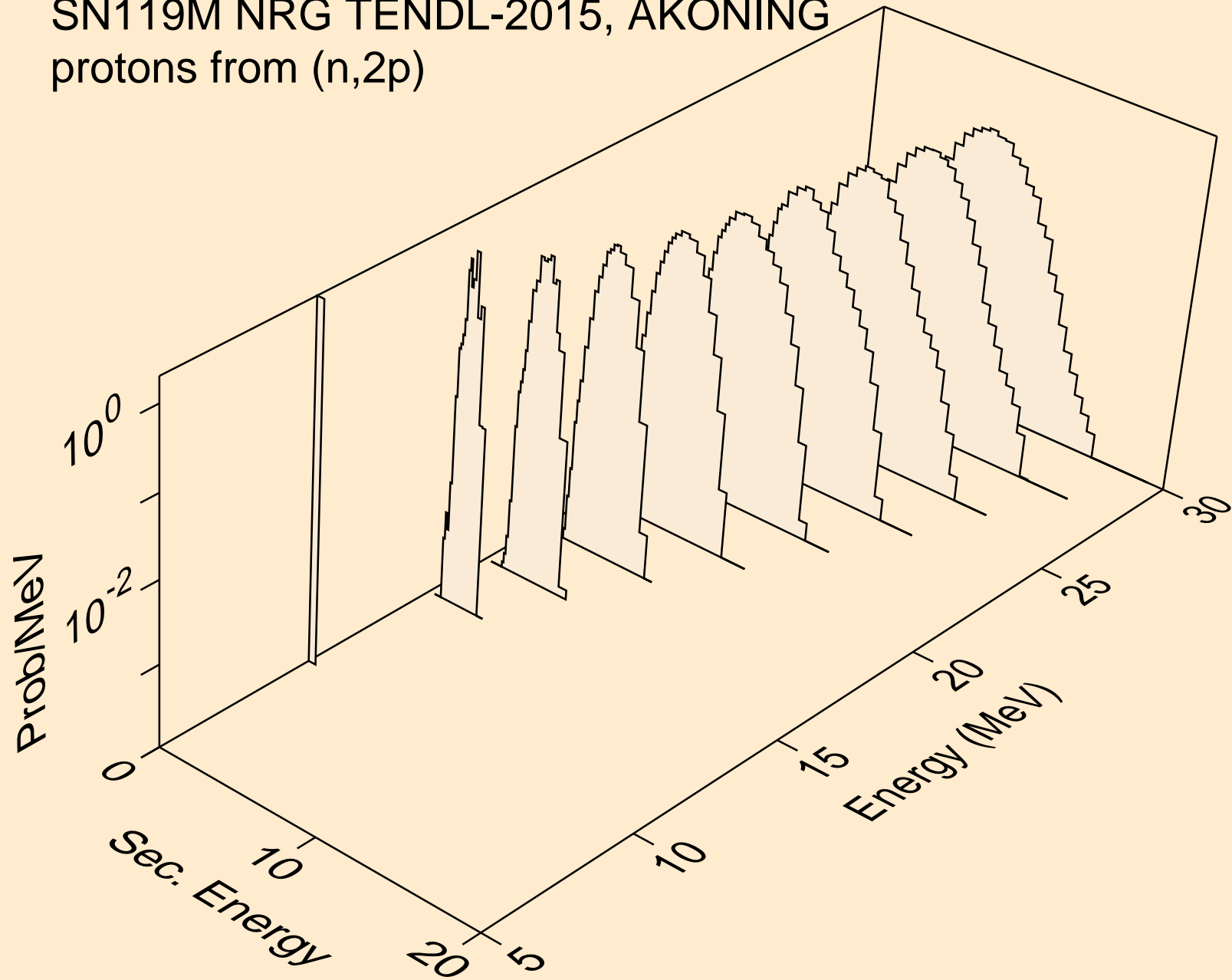
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protons from (n,npa)



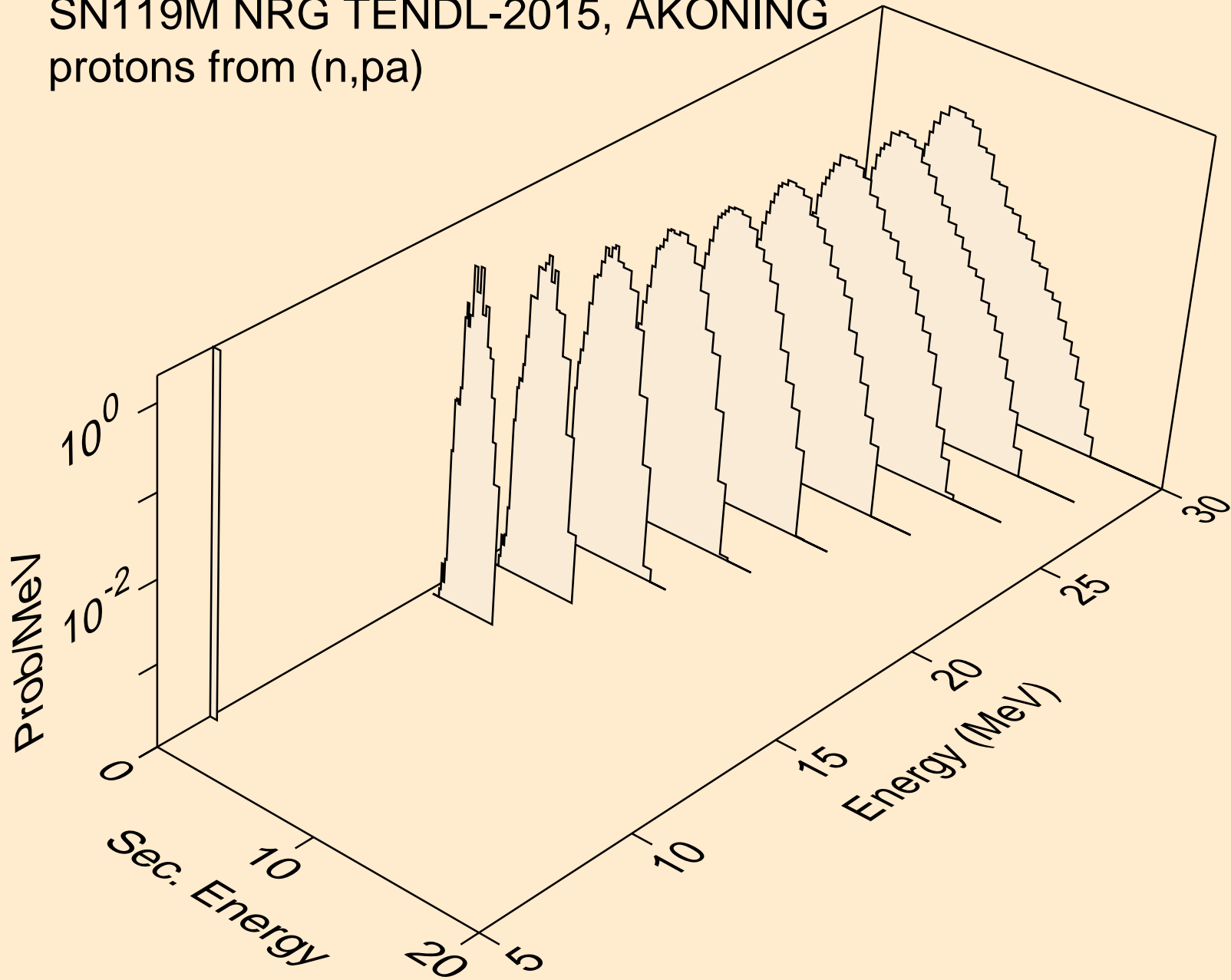
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protons from (n,p)



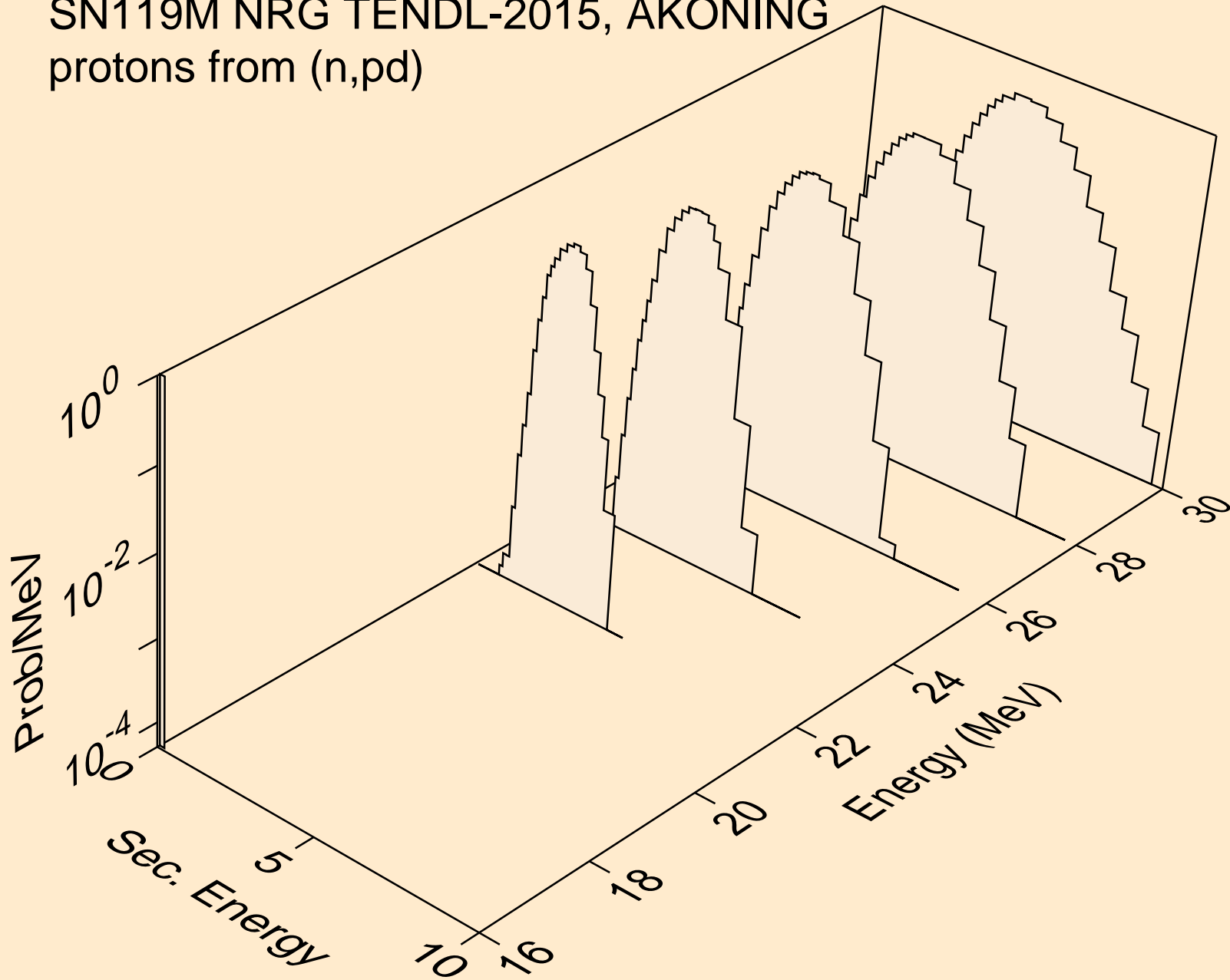
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protons from (n,2p)



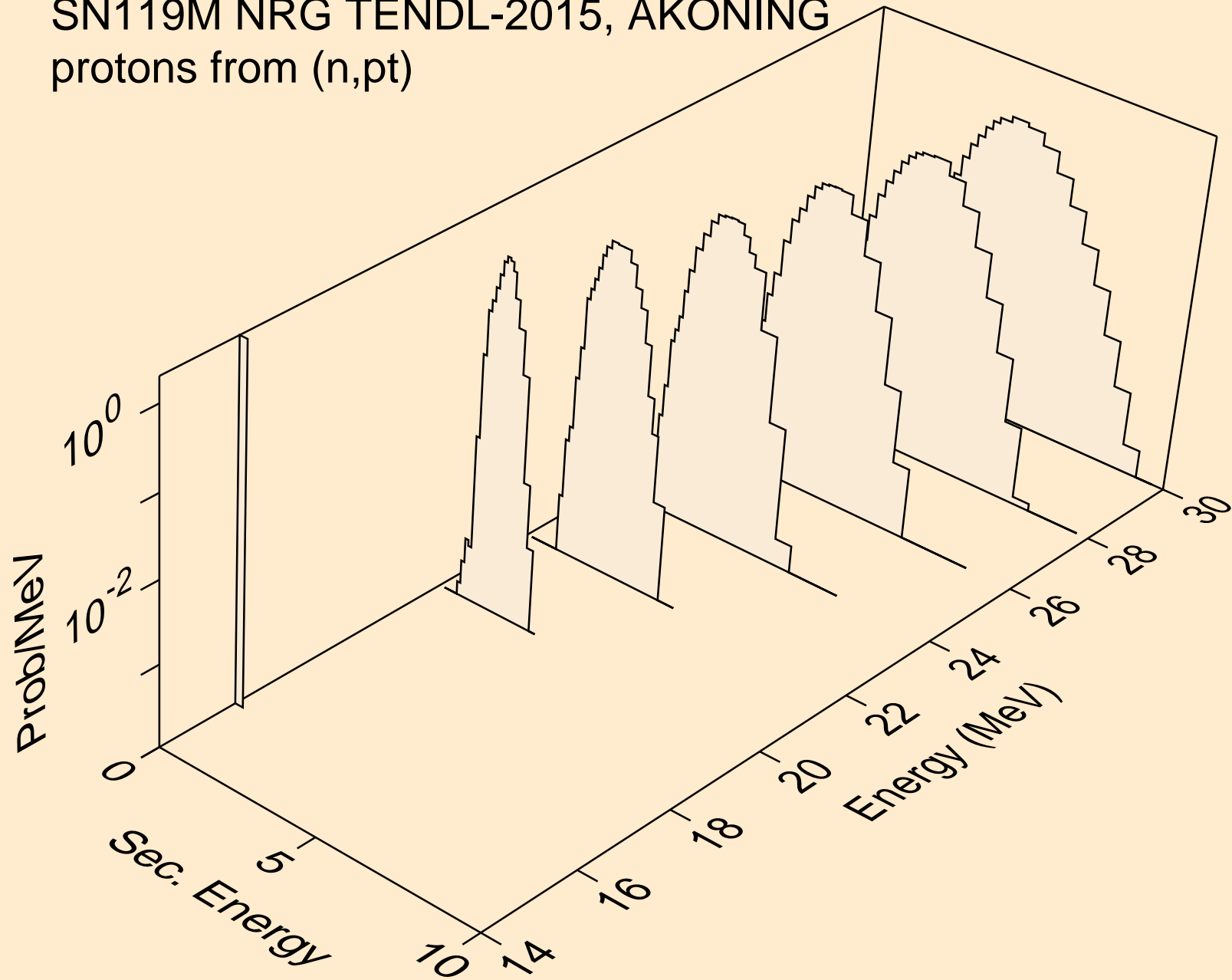
SN119M NRG TENDL-2015, AKONING  
protons from (n,pa)



SN119M NRG TENDL-2015, AKONING  
protons from (n,pd)

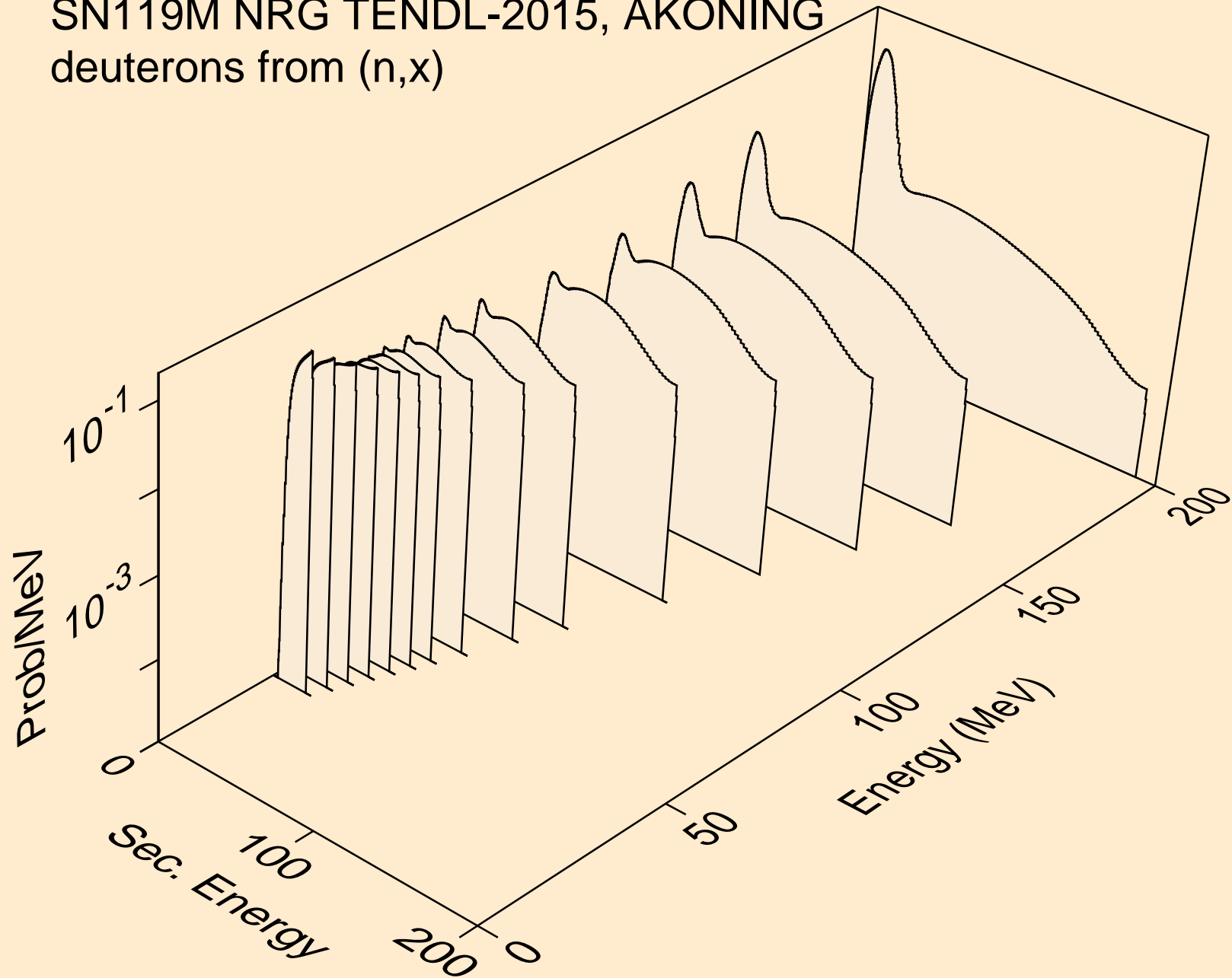


SN119M NRG TENDL-2015, AKONING  
protons from (n,pt)

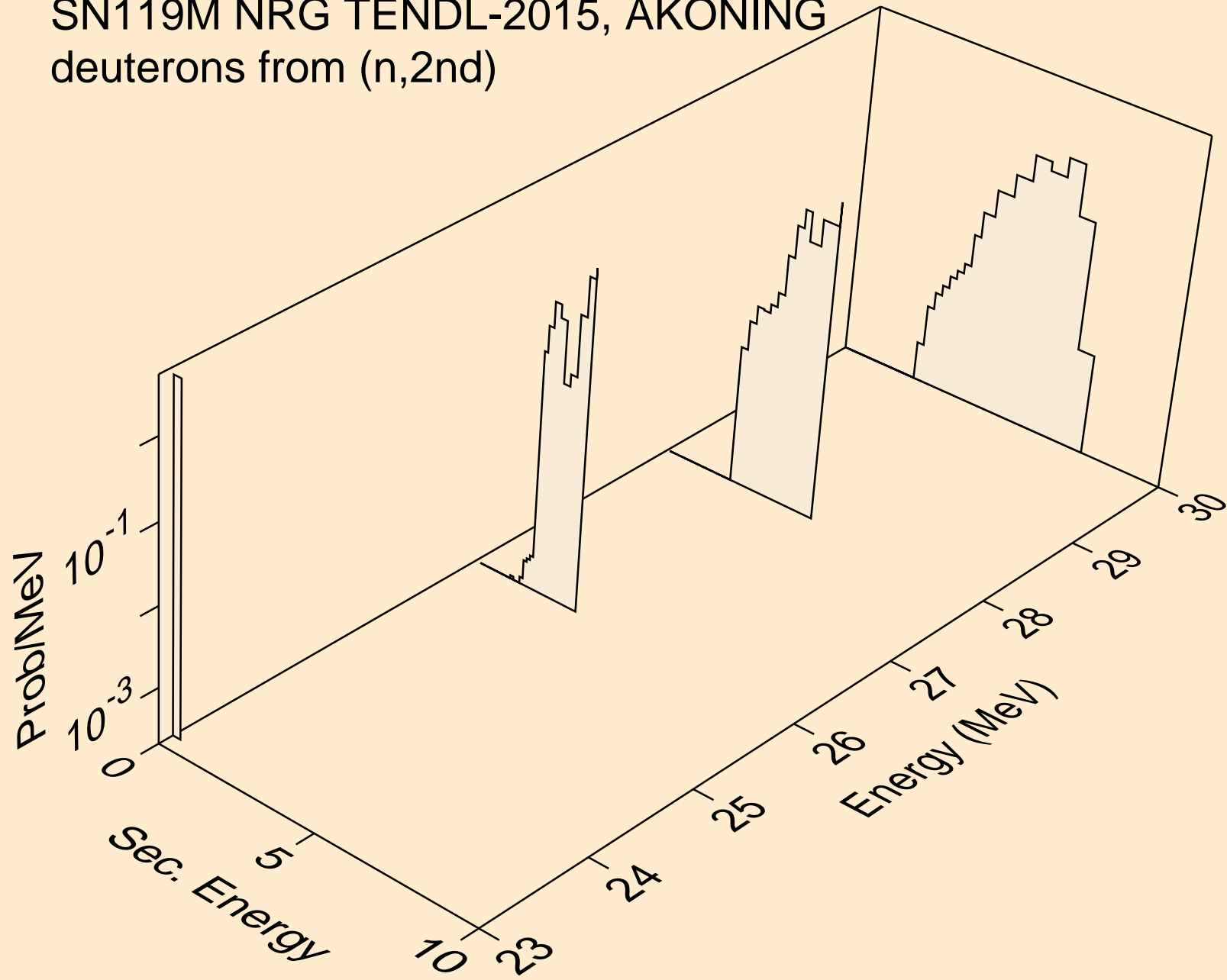




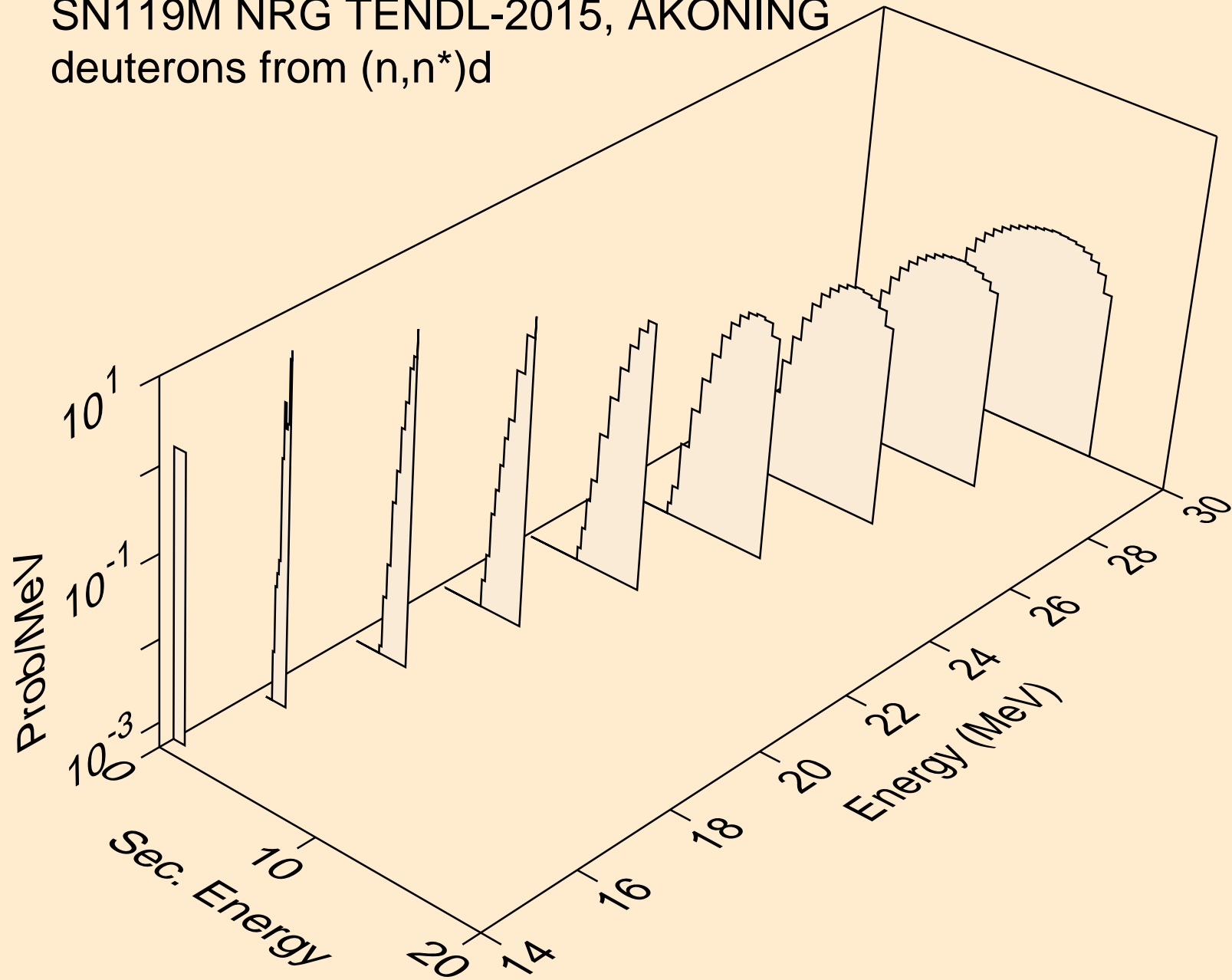
SN119M NRG TENDL-2015, AKONING  
deuterons from (n,x)



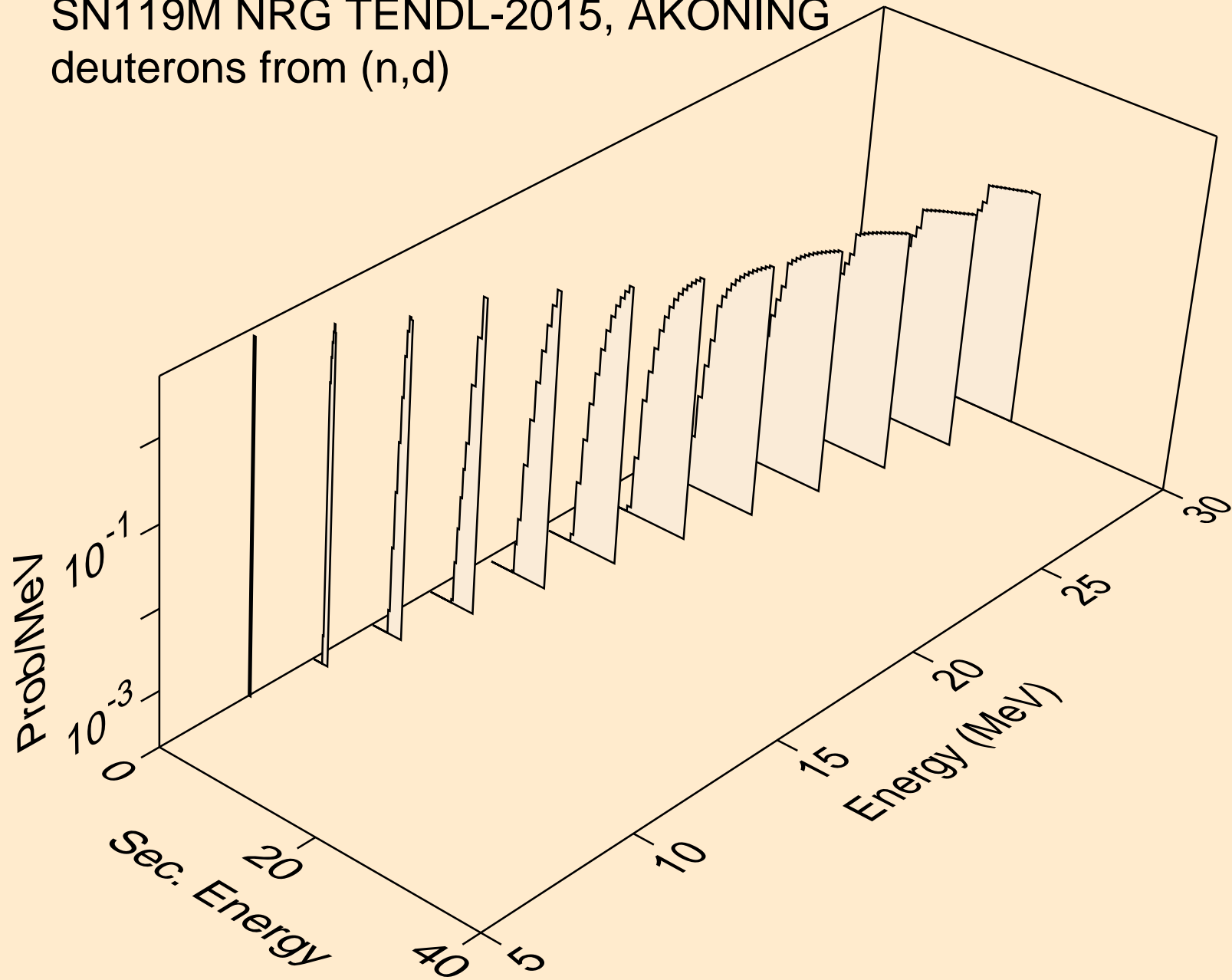
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deuterons from (n,2nd)



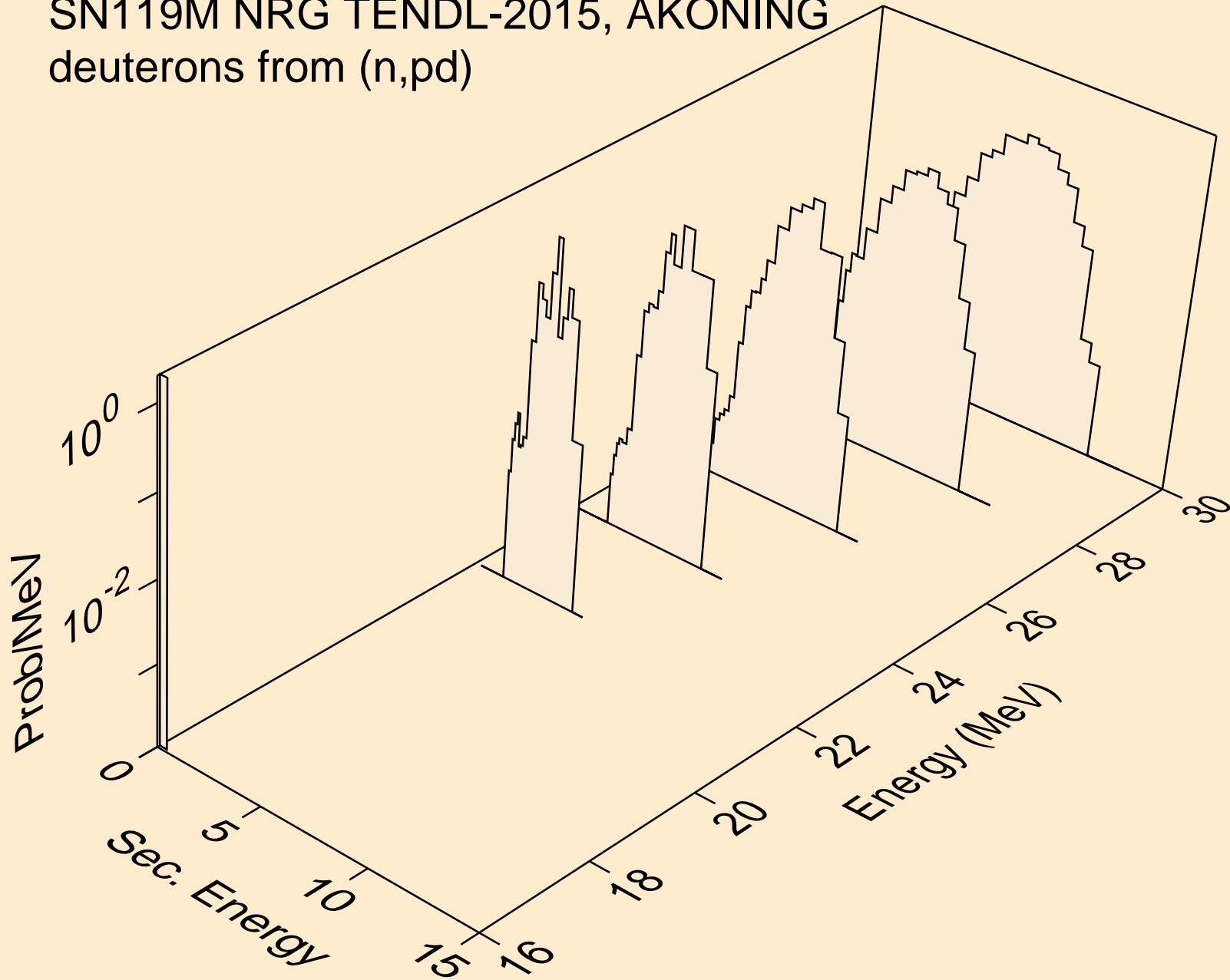
SN119M NRG TENDL-2015, AKONING  
deuterons from (n,n\*)d



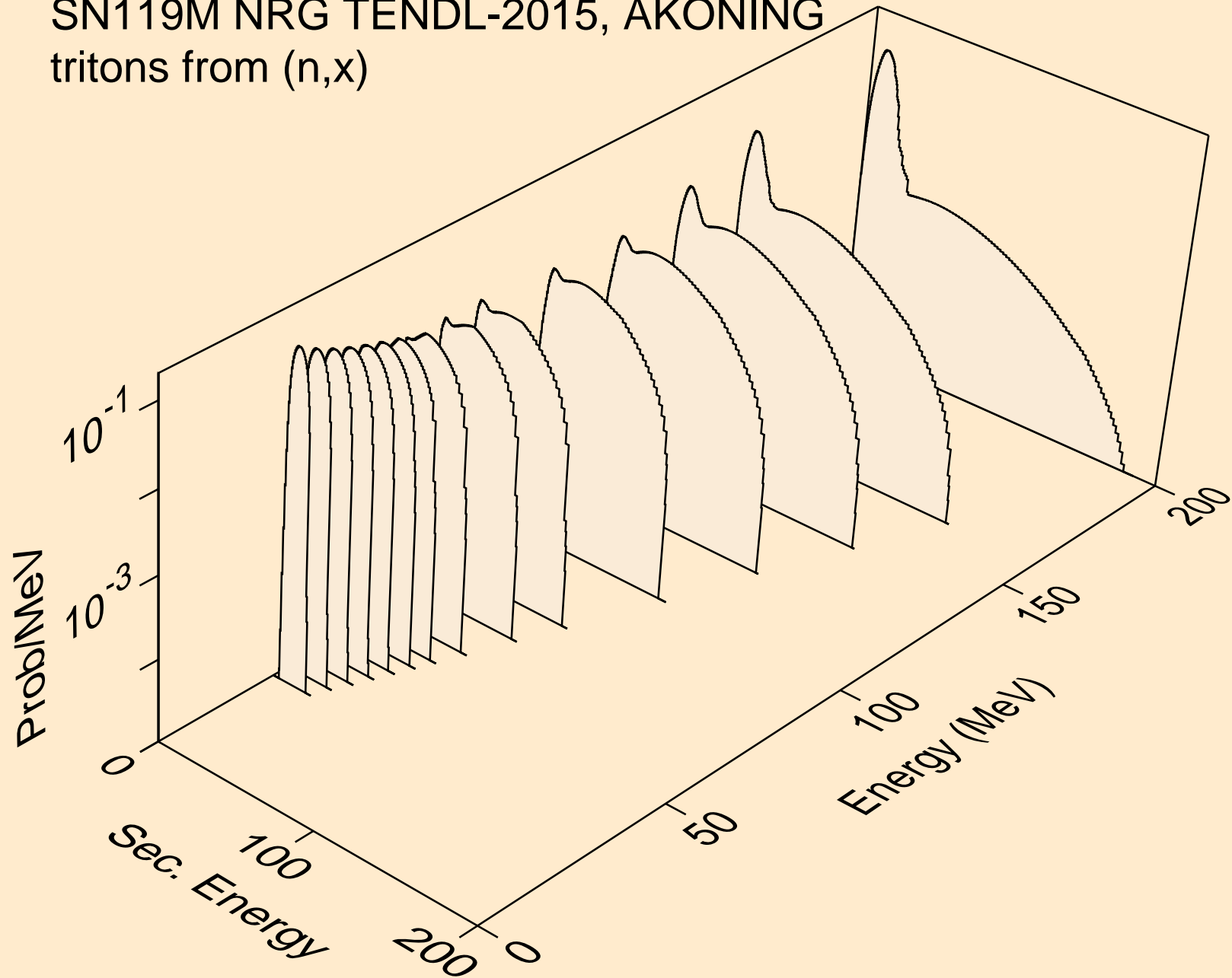
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deuterons from (n,d)



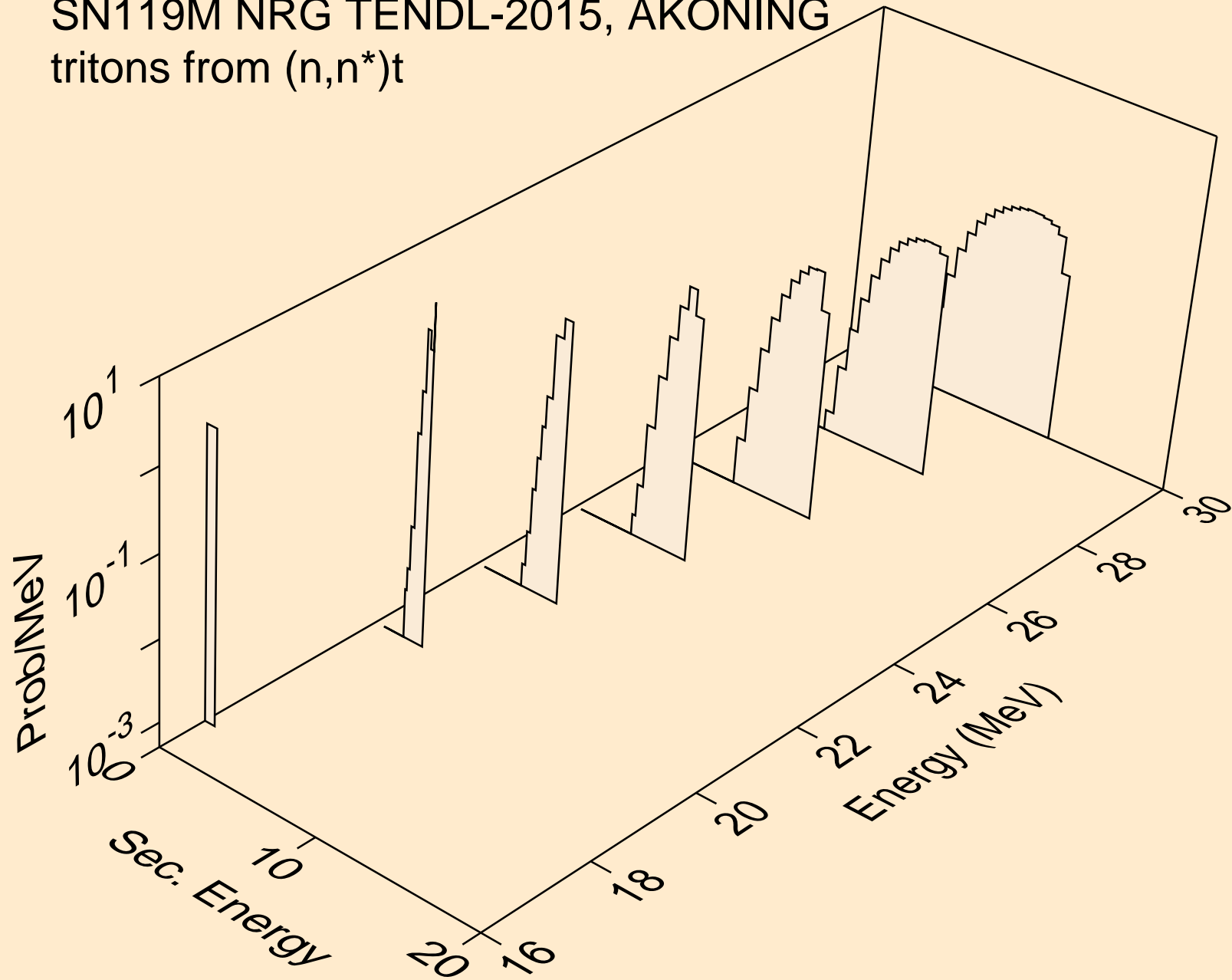
SN119M NRG TENDL-2015, AKONING  
deuterons from (n,pd)



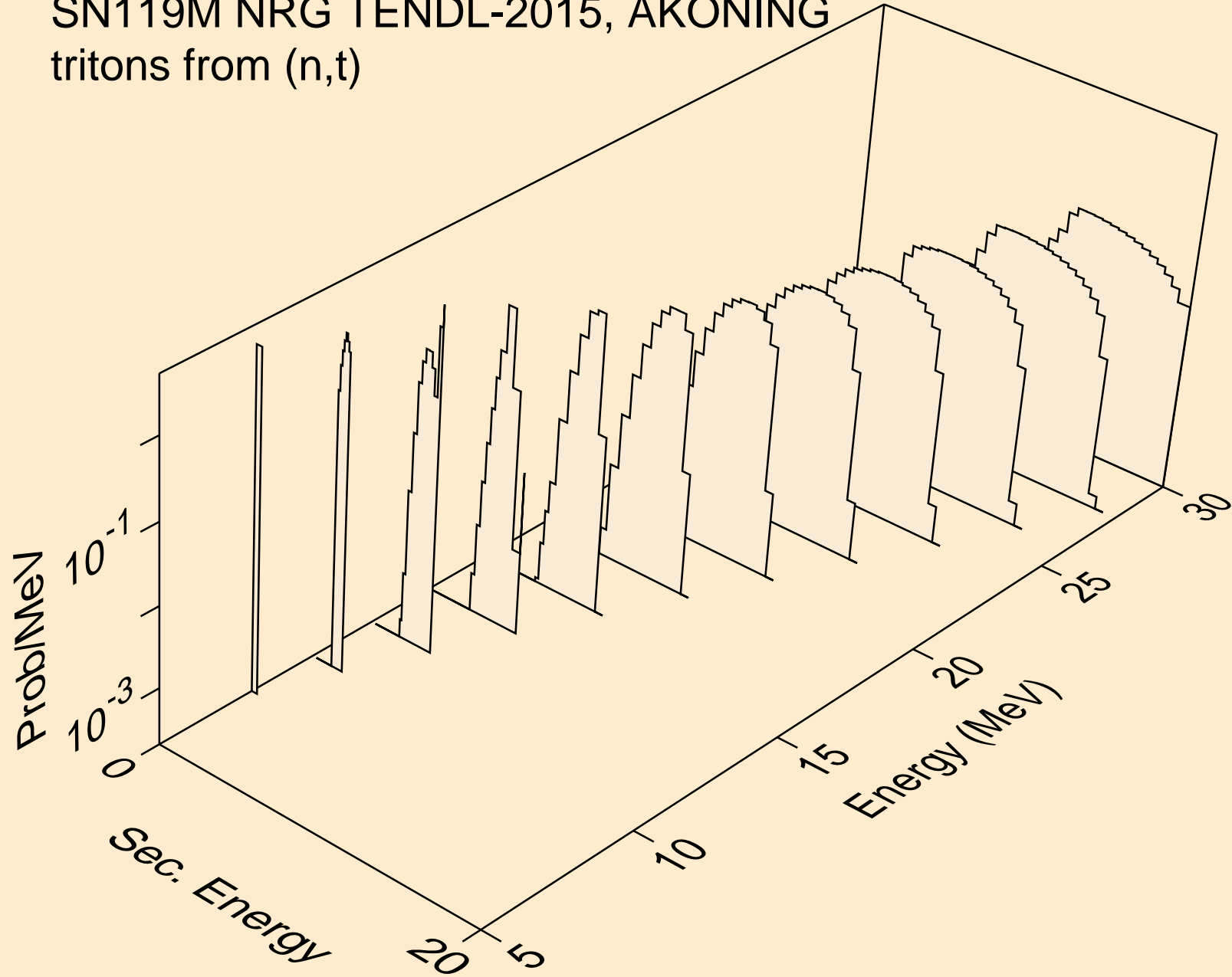
SN119M NRG TENDL-2015, AKONING  
tritons from (n,x)



SN119M NRG TENDL-2015, AKONING  
tritons from (n,n\*)t

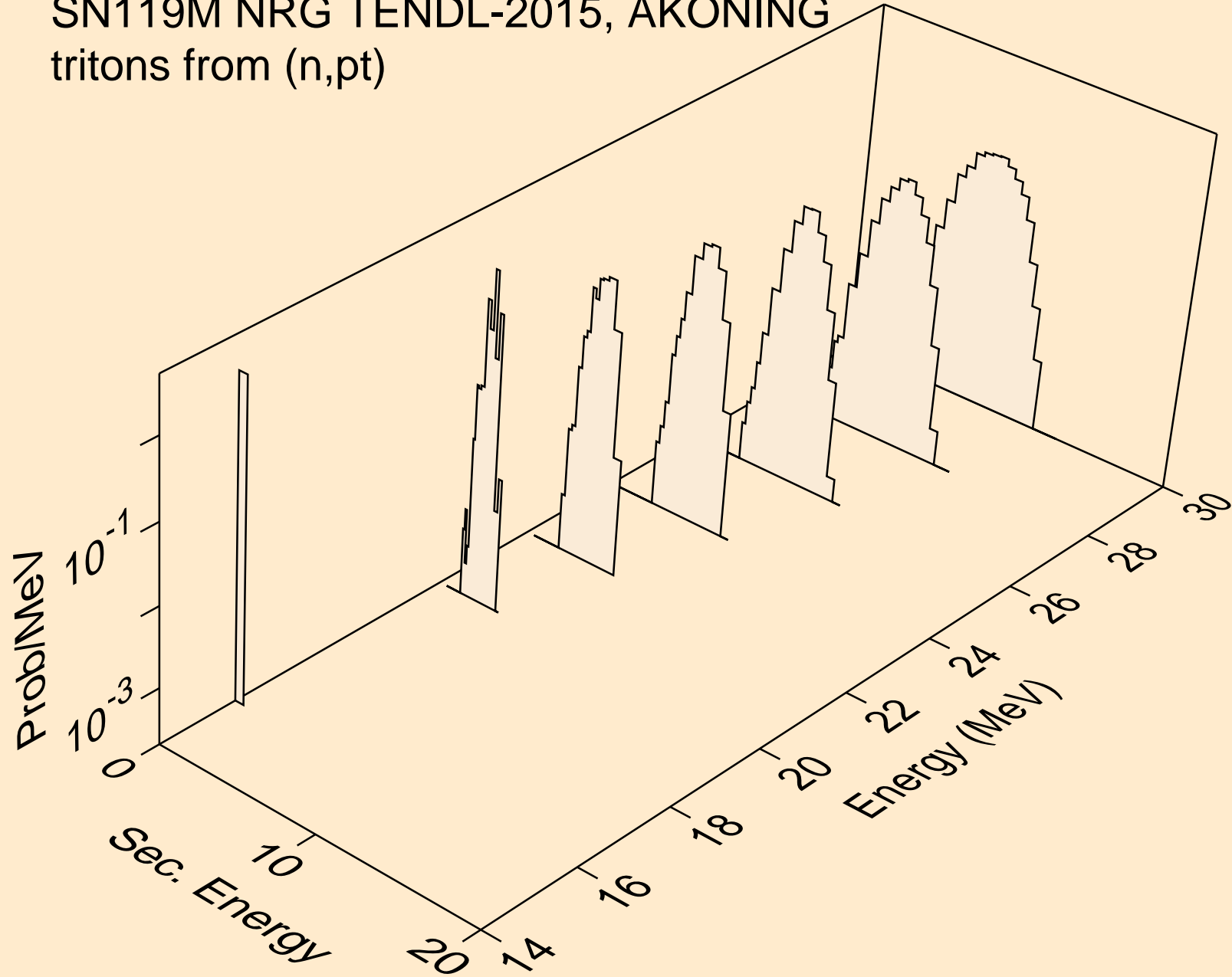


SN119M NRG TENDL-2015, AKONING  
tritons from (n,t)

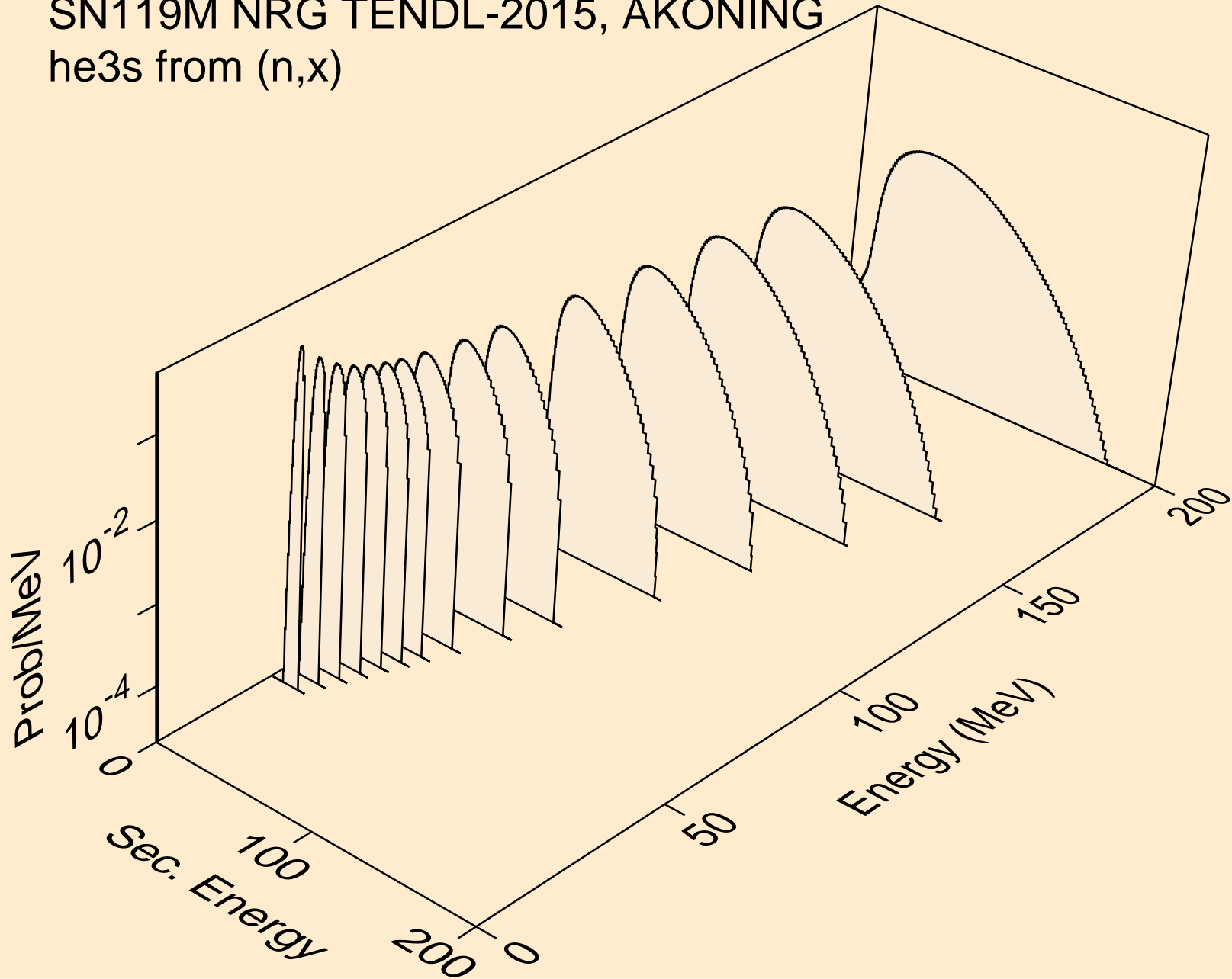




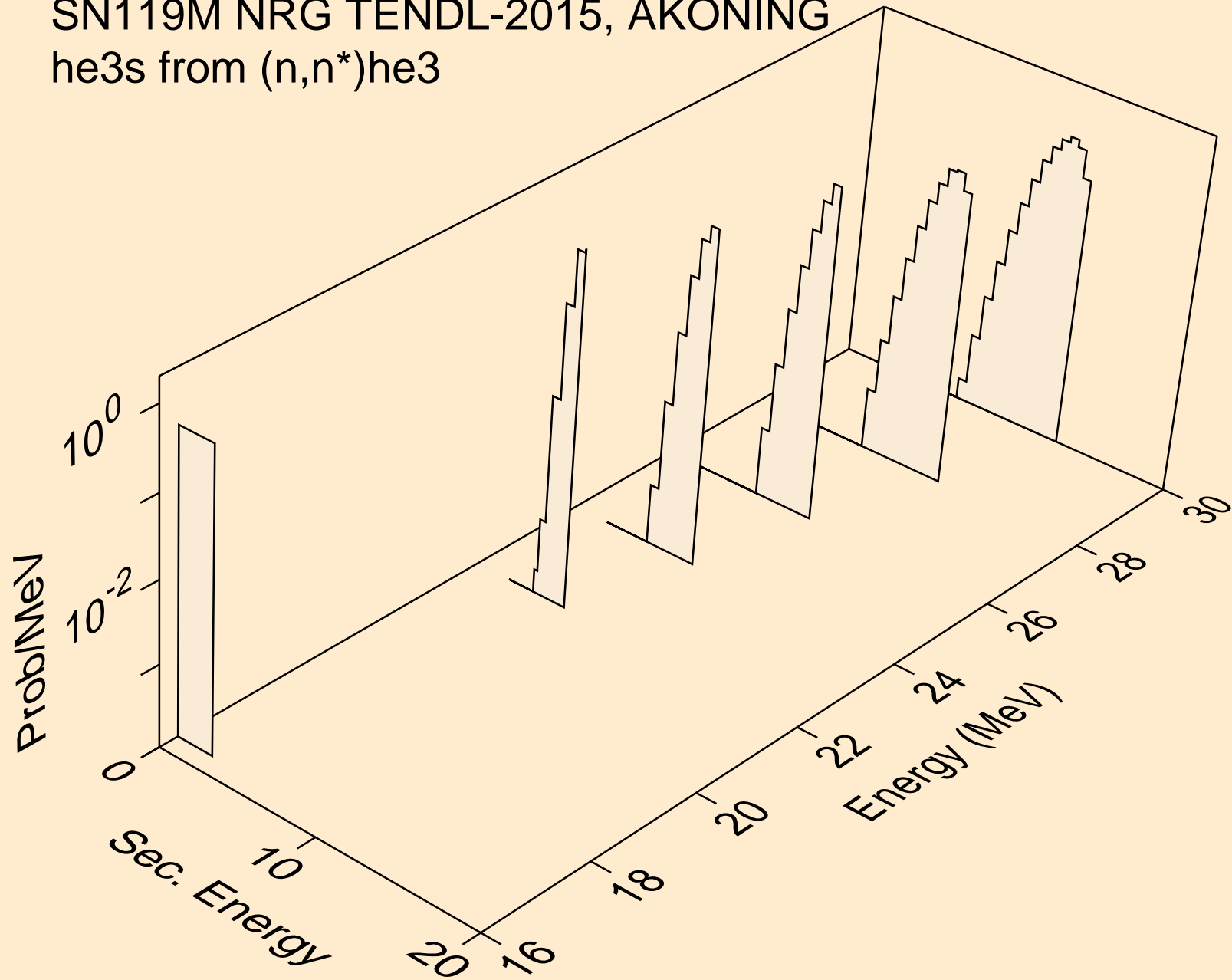
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tritons from (n,pt)



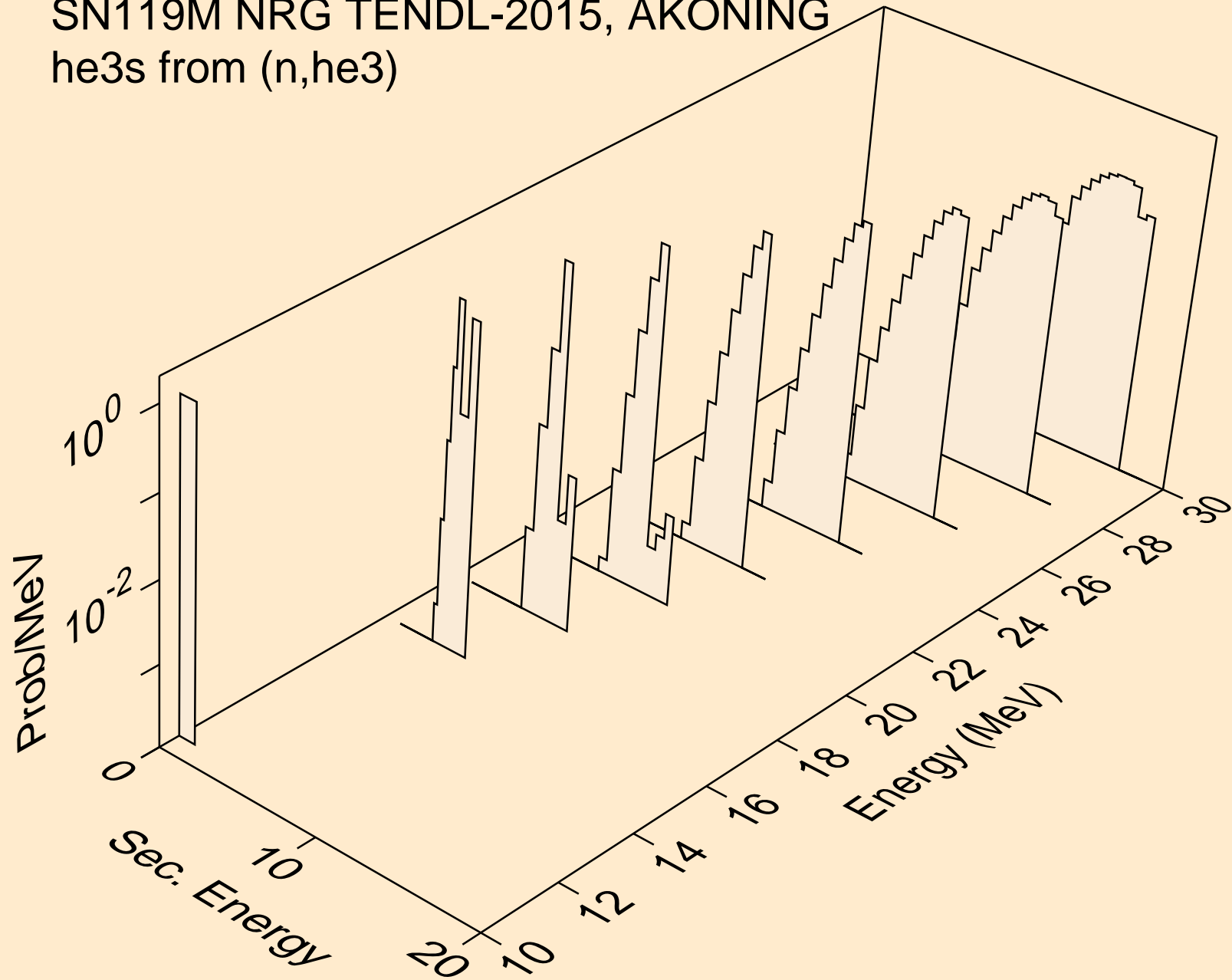
SN119M NRG TENDL-2015, AKONING  
he3s from (n,x)



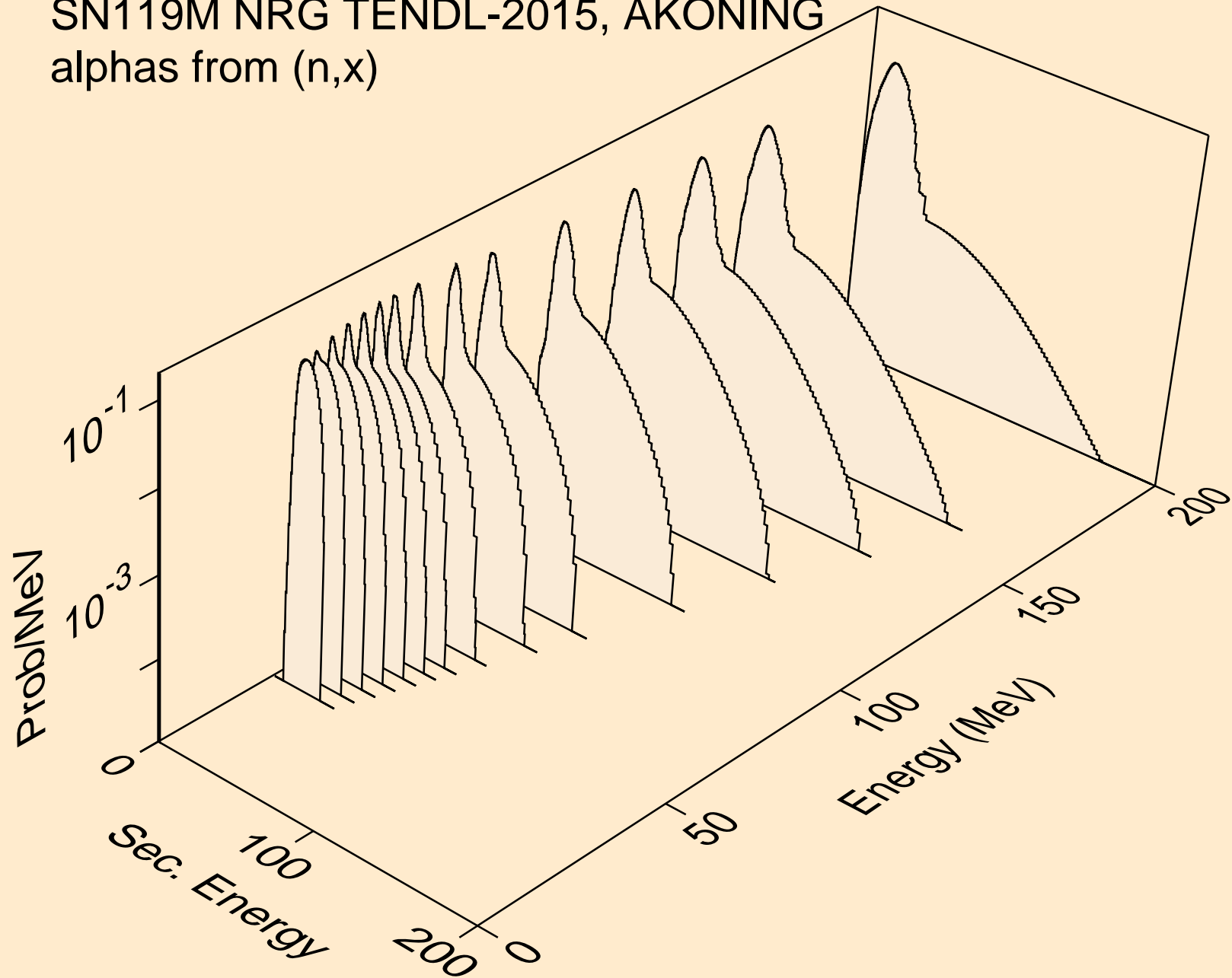
SN119M NRG TENDL-2015, AKONING  
he3s from (n,n\*)he3



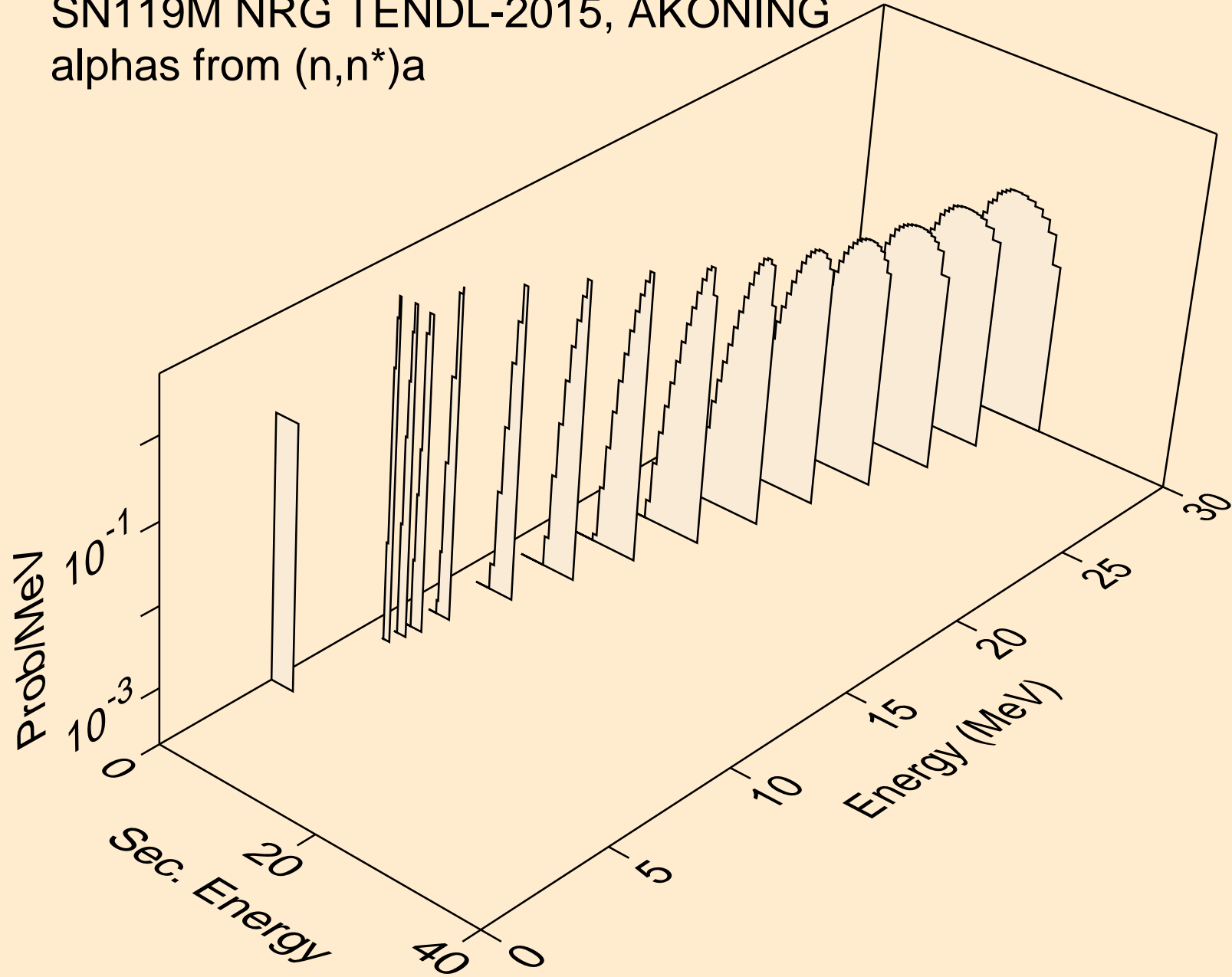
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he3s from (n,he3)



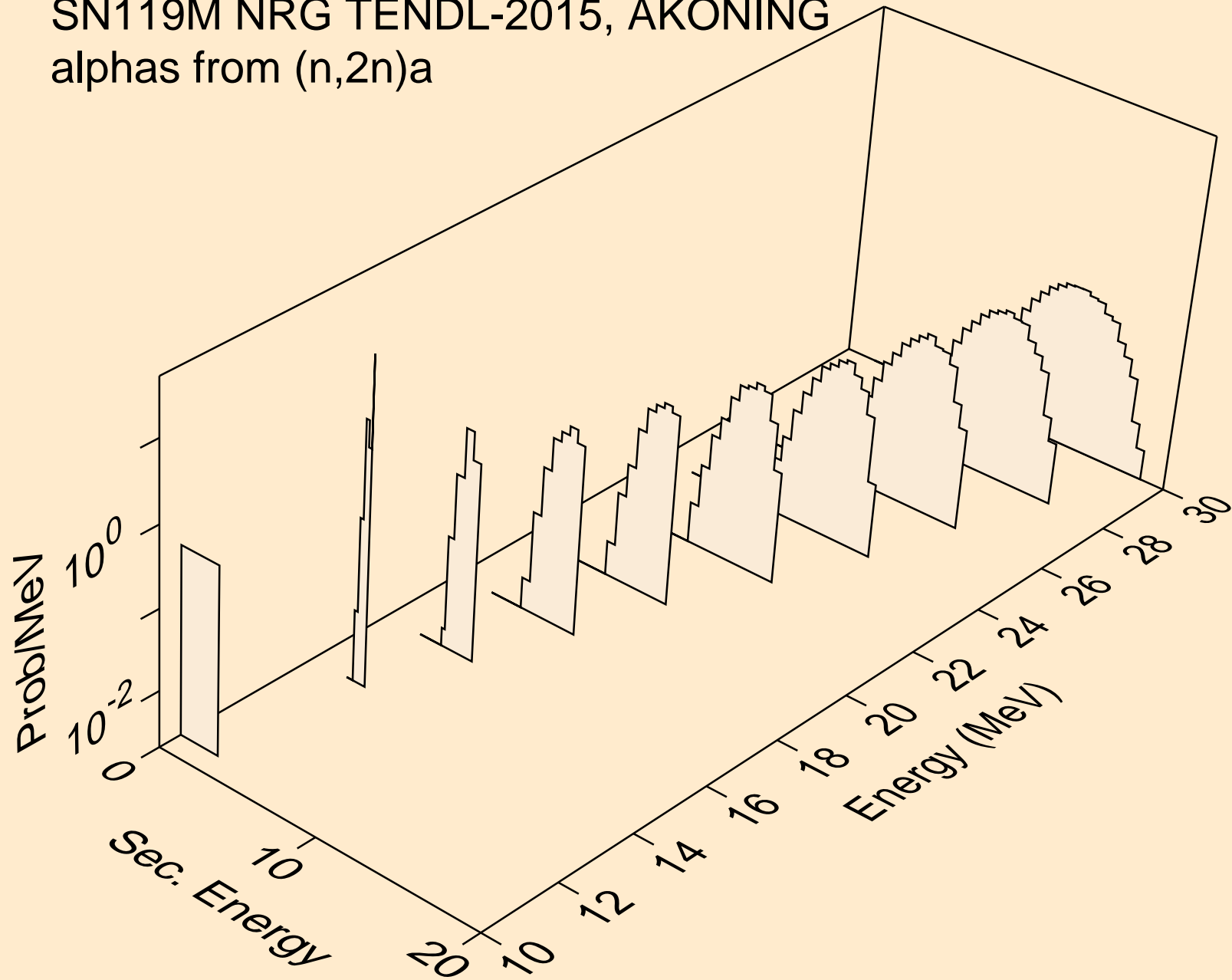
SN119M NRG TENDL-2015, AKONING  
alphas from (n,x)



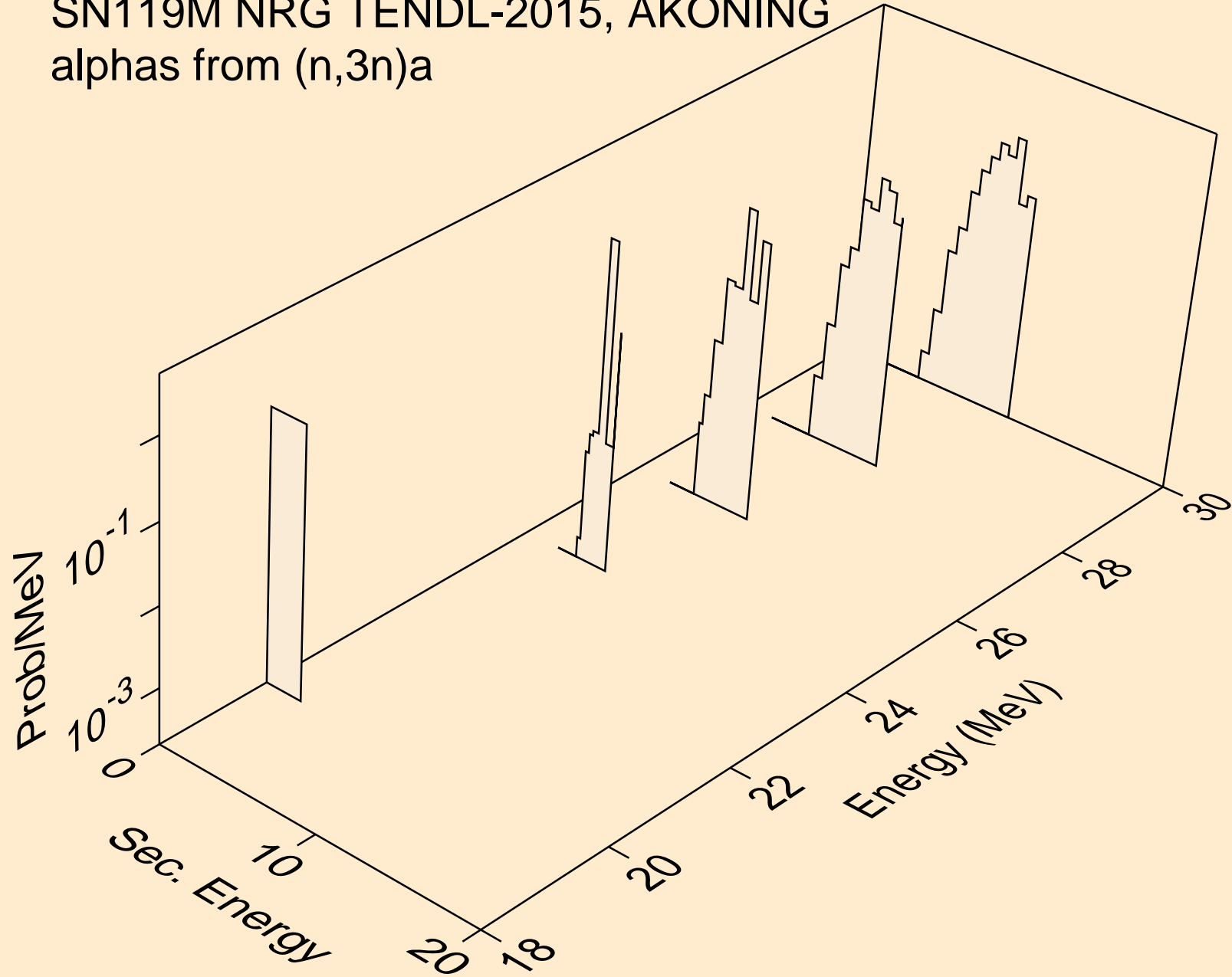
SN119M NRG TENDL-2015, AKONING  
alphas from (n,n\*)a



SN119M NRG TENDL-2015, AKONING  
alphas from (n,2n)a

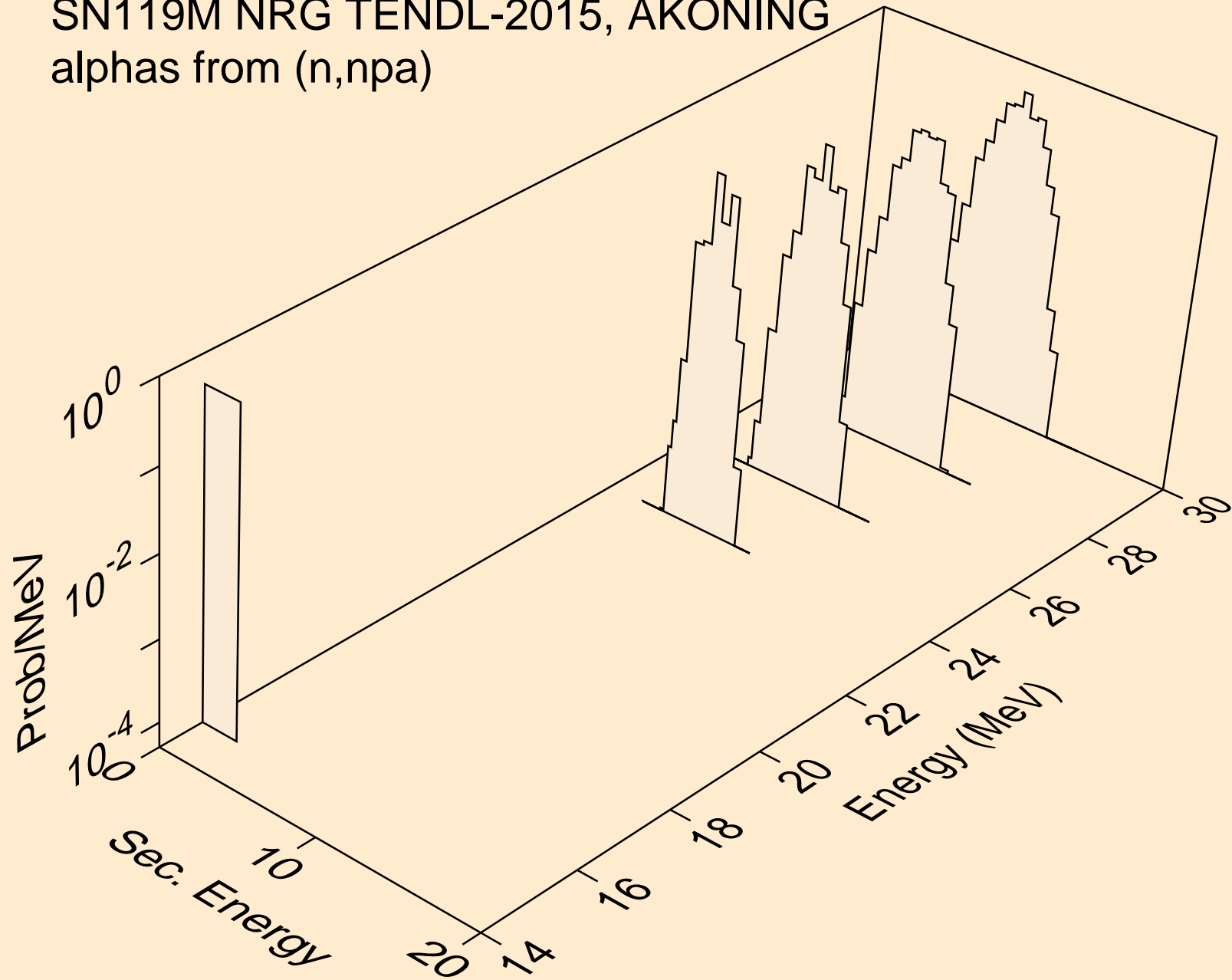


SN119M NRG TENDL-2015, AKONING  
alphas from (n,3n)a

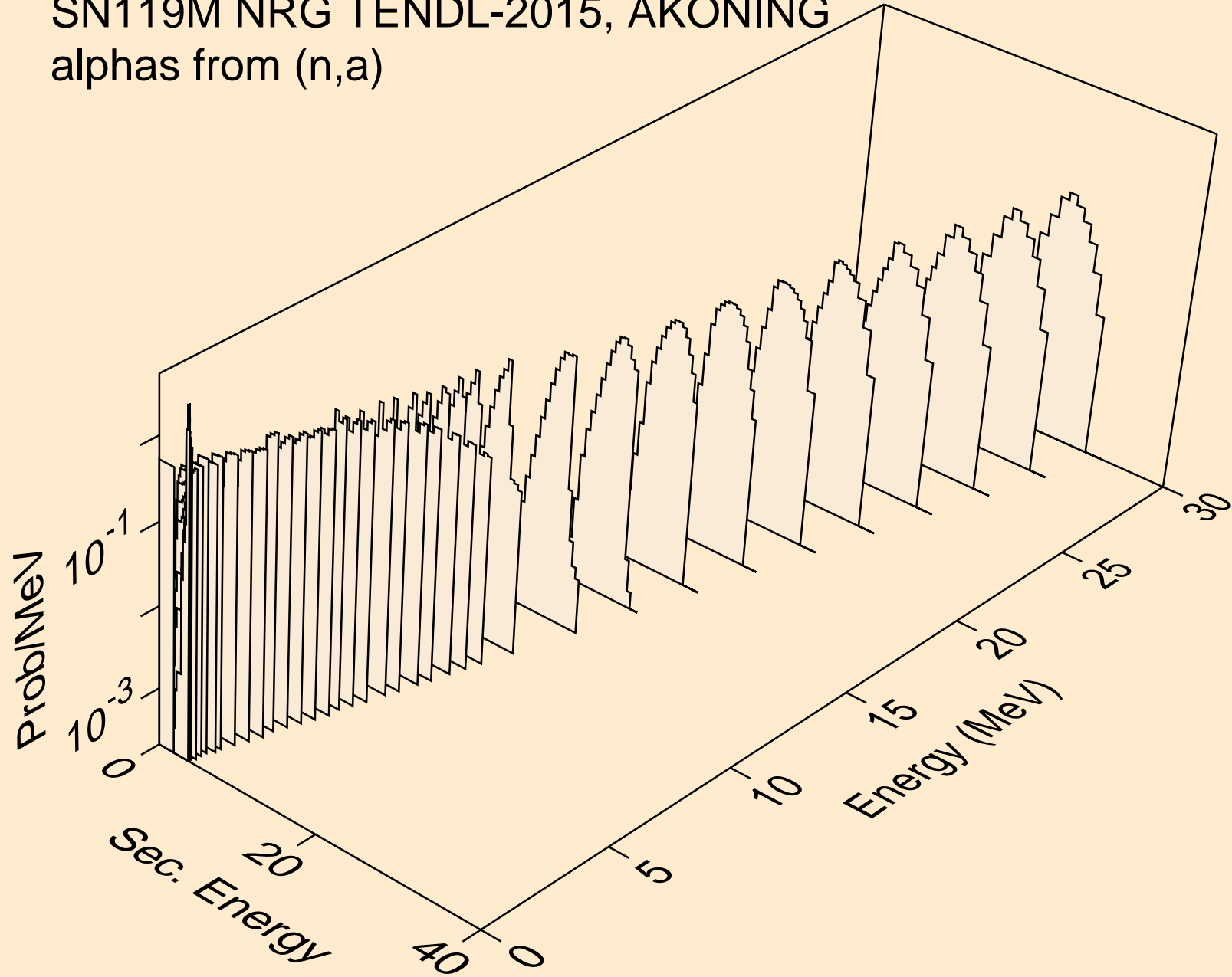




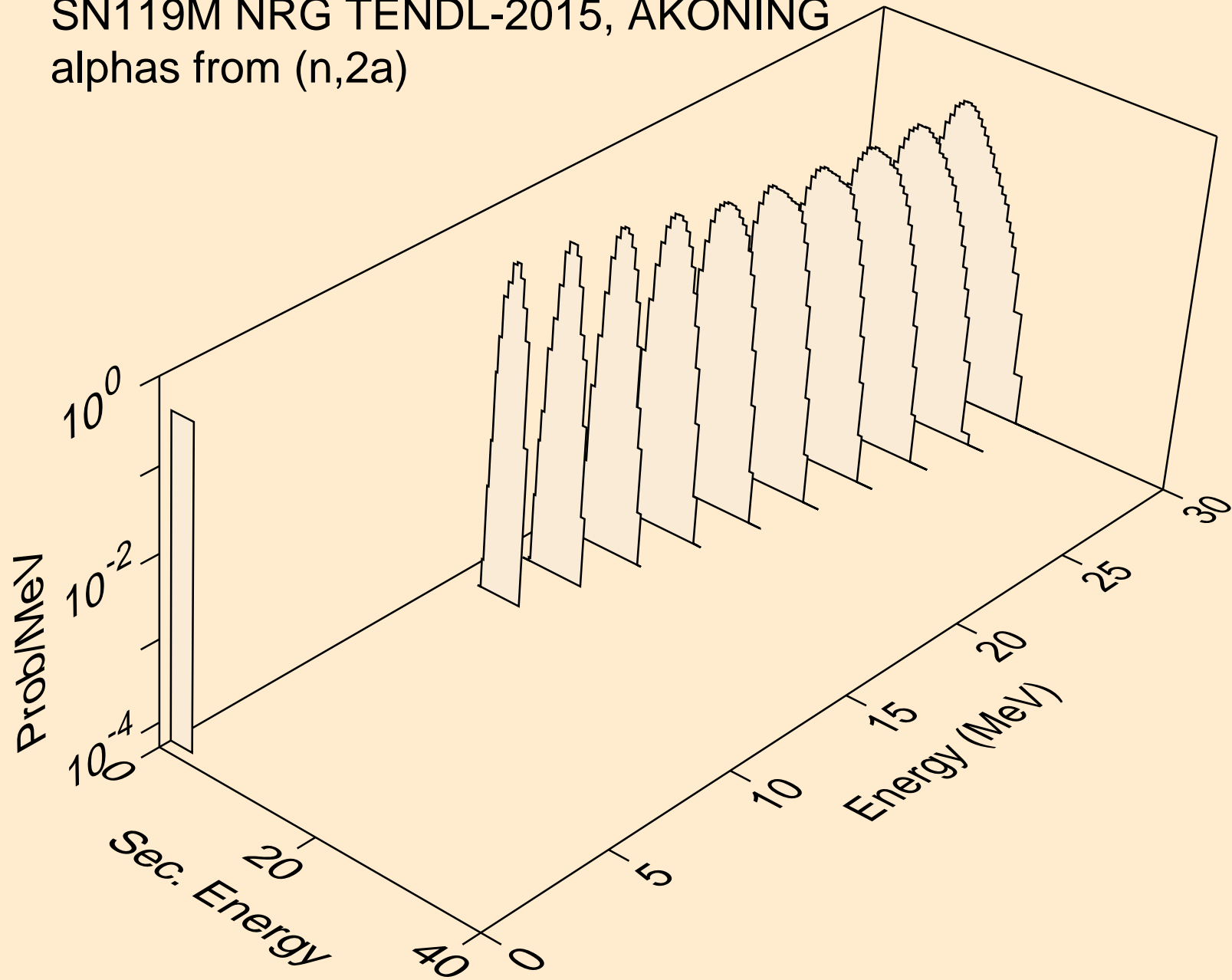
SN119M NRG TENDL-2015, AKONING  
alphas from (n,npa)



SN119M NRG TENDL-2015, AKONING  
alphas from (n,a)



SN119M NRG TENDL-2015, AKONING  
alphas from (n,2a)



SN119M NRG TENDL-2015, AKONING  
alphas from (n,pa)

